5

MARTIN MARIETTA ENERGY SYSTEMS LIBRARIES

3 4456 0286683 3

CENTRAL RESEARCH LIBRARY
DOCUMENT COLLECTION

ORNL-2127
Part II Volume 3
Physics and Mathematics
TID-4500 (13th ed.)

Cy. 5

URANIUM-235 FISSION-PRODUCT PRODUCTION AS A FUNCTION OF THERMAL NEUTRON FLUX, IRRADIATION TIME, AND DECAY TIME

II. SUMMATIONS OF INDIVIDUAL CHAINS, ELEMENTS, AND THE RARE-GAS AND RARE-EARTH GROUPS

J. O. Blomeke
Mary F. Todd

CENTRAL RESEARCH LIBRARY
DOCUMENT COLLECTION
LIBRARY LOAN COPY
DO NOT TRANSFER TO ANOTHER PERSON
If you wish someone else to see this document, send in name with document and the library will arrange a loan.

OAK RIDGE NATIONAL LABORATORY
operated by
UNION CARBIDE CORPORATION
for the
U.S. ATOMIC ENERGY COMMISSION

UNCLASSIFIED

ORNL-2127
Part II Volume 3
Physics and Mathematics
TID-4500 (13th ed.)

Contract No. W-7405-eng-26

URANIUM-235 FISSION-PRODUCT PRODUCTION AS A FUNCTION OF THERMAL NEUTRON FLUX, IRRADIATION TIME, AND DECAY TIME

II. SUMMATIONS OF INDIVIDUAL CHAINS, ELEMENTS, AND THE RARE-GAS AND RARE-EARTH GROUPS

J. O. Blomeke
Chemical Technology Division

Mary F. Todd
Mathematics Panel

DATE ISSUED

OCT 1 1958

OAK RIDGE NATIONAL LABORATORY
Operated by
UNION CARBIDE NUCLEAR COMPANY
A Division of Union Carbide and Carbon Corporation
Post Office Box X
Oak Ridge, Tennessee

UNCLASSIFIED

MARTIN MARIETTA ENERGY SYSTEMS LIBRARIES

3 4456 0286683 3

ORNL-2127
Part II Volume 3
Physics and Mathematics
TID-4500 (13th ed.)

INTERNAL DISTRIBUTION

1. C. E. Center
2. Biology Library
3. Health Physics Library
4-5. Central Research Library
6. Reactor Experimental Engineering Library
7-26. Laboratory Records Department
27. Laboratory Records, ORNL R.C.
28. A. M. Weinberg
29. L. B. Emlet (K-25)
30. J. P. Murray (Y-12)
31. J. A. Swartout
32. E. H. Taylor
33. E. D. Shipley
34-35. F. L. Culler
36. M. L. Nelson
37. W. H. Jordan
38. C. P. Keim
39. J. H. Frye, Jr.
40. S. C. Lind
41. A. H. Snell
42. A. Hollaender
43. K. Z. Morgan
44. M. T. Kelley
45. T. A. Lincoln
46. R. S. Livingston
47. A. S. Householder
48. C. S. Harrill
49. C. E. Winters
50. D. W. Cardwell
51. E. M. King
52. W. K. Eister
53. F. R. Bruce
54. D. E. Ferguson
55. R. B. Lindauer
56. H. E. Goeller
57. D. D. Cowen
58. R. A. Charpie
59. J. A. Lane
60. M. J. Skinner
61. R. E. Blanco
62. G. E. Boyd
63. W. E. Unger
64. R. R. Dickison
65. A. T. Gresky
66. E. D. Arnold
67. C. E. Guthrie
68. J. W. Ullmann
69. K. B. Brown
70. K. O. Johnsson
71. H. M. McLeod
72. J. C. Bresee
73. C. R. Baldock
74. S. E. Beall
75. E. E. Beauchamp
76. Harris Blauer
77-106. J. O. Blomeke
107. W. J. Boegley
108. E. G. Bohlmann
109. B. F. Bottenfield
110. J. W. Boyle
111. A. R. Brosi
112. T. H. J. Burnett
113. W. H. Carr
114. G. I. Cathers
115. K. E. Cowser
116. W. K. Ergen
117. E. J. Frederick
118. J. Halperin
119. Louis Hemphill
120. I. R. Higgins
121. A. R. Irvine
122. W. J. Lacy
123. G. W. Leddicotte
124. R. E. Leuze
125. W. S. Lyon
126. H. F. McDuffie
127. R. A. McNees
128. R. P. Milford
129. E. L. Nicholson
130. F. L. Parker
131. Sigfred Peterson
132. J. T. Roberts
133. E. G. Struxness
134. R. W. Stoughton
135. W. H Sullivan
136. M. E. Whatley
137. P. M. Reyling
138. W. W. Weinrich (consultant)
139. M. D. Peterson (consultant)
140. D. I. Katz (consultant)

141. G. T. Seaborg (consultant)
142. M. Benedict (consultant)
143. C. E. Larson (consultant)
144. ORNL – Y-12 Technical Library, Document Reference Section

EXTERNAL DISTRIBUTION

145. L. E. Glendenin, Argonne National Laboratory
146. A. D. Rossin, Argonne National Laboratory
147. L. E. Steinberg, Argonne National Laboratory
148. R. J. Klotzbach, Union Carbide Nuclear Company, New York
149. C. M. Slansky, Phillips Petroleum Company
150. J. M. DallaValle, Georgia Institute of Technology
151. E. L. Gloyna, University of Texas
152. R. F. Bacher, California Institute of Technology
153. Division of Research and Development, AEC, ORO

154-728. Given distribution as shown in TID-4500 (13th ed.) under Physics and Mathematics category (100 copies – OTS)

CONTENTS

PART II, VOLUME 1, SECTION I 1–354

Properties of Fission-Product Mixtures Arranged According to Chain or Mass Numbers 72 Through 115

PART II, VOLUME 2, SECTION I 355–724

Properties of Fission-Product Mixtures Arranged According to Chain or Mass Numbers 116 Through 161

PART II, VOLUME 3, SECTION II 725–1060

Properties of Fission-Product Mixtures Arranged According to Element

Zinc 727
Gallium 736
Germanium 745
Arsenic 754
Selenium 763
Bromine 772
Krypton 781
Rubidium 790
Strontium 799
Yttrium 808
Zirconium 817
Niobium 826
Molybdenum 835
Technetium 844
Ruthenium 853
Rhodium 862
Palladium 871
Silver 880
Cadmium 889
Indium 898
Tin 907
Antimony 916
Tellurium 925
Iodine 934
Xenon 943
Cesium 952
Barium 961
Lanthanum 970
Cerium 979
Praseodymium 988
Neodymium 997
Promethium 1006
Samarium 1015
Europium 1024
Gadolinium 1033
Terbium 1042
Dysprosium 1051

PART II, VOLUME 3, SECTION III 1061–1072
Properties of the Fission-Product Rare Gases Xenon and Krypton

PART II, VOLUME 3, SECTION IV 1073–1083
Properties of Fission-Product Rare Earths and Yttrium

SECTION II

PROPERTIES OF FISSION-PRODUCT MIXTURES

ARRANGED ACCORDING TO ELEMENT OR ATOMIC NUMBER

ZINC

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
1	1	+100000+13

+729236-11	+716611-11	+691678-11	+485617-11
+141317-12	+615459-28	+000000+00	+000000+00
+154266-10	+152684-10	+147375-10	+103470-10
+301103-12	+131135-27	+000000+00	+000000+00
+218009-10	+216177-10	+208662-10	+146498-10
+426318-12	+185669-27	+000000+00	+000000+00
+222356-10	+220507-10	+212841-10	+149433-10
+434857-12	+189387-27	+000000+00	+000000+00
+222357-10	+220509-10	+212843-10	+149434-10
+434860-12	+189389-27	+000000+00	+000000+00
+222357-10	+220509-10	+212843-10	+149434-10
+434860-12	+189389-27	+000000+00	+000000+00
+222357-10	+220509-10	+212843-10	+149434-10
+434860-12	+189389-27	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	1	+100000+14

+729236-10	+716611-10	+691678-10	+485617-10
+141317-11	+615459-27	+000000+00	+000000+00
+154266-09	+152684-09	+147375-09	+103470-09
+301103-11	+131135-26	+000000+00	+000000+00
+218009-09	+216177-09	+208662-09	+146498-09
+426318-11	+185669-26	+000000+00	+000000+00
+222356-09	+220507-09	+212841-09	+149433-09
+434857-11	+189387-26	+000000+00	+000000+00
+222357-09	+220509-09	+212843-09	+149434-09
+434860-11	+189389-26	+000000+00	+000000+00
+222357-09	+220509-09	+212843-09	+149434-09
+434860-11	+189389-26	+000000+00	+000000+00
+222357-09	+220509-09	+212843-09	+149434-09
+434860-11	+189389-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	1	+300000+14

+218771-09	+214983-09	+207503-09	+145685-09
+423951-11	+184638-26	+000000+00	+000000+00
+462798-09	+458053-09	+442126-09	+310410-09
+903309-11	+393406-26	+000000+00	+000000+00
+654027-09	+648532-09	+625985-09	+439495-09
+127895-10	+557006-26	+000000+00	+000000+00
+667067-09	+661521-09	+638524-09	+448298-09
+130457-10	+568162-26	+000000+00	+000000+00
+667072-09	+661526-09	+638528-09	+448302-09
+130458-10	+568166-26	+000000+00	+000000+00
+667072-09	+661526-09	+638528-09	+448302-09
+130458-10	+568166-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	1	+100000+15

+729236-09	+716611-09	+691678-09	+485617-09
+141317-10	+615459-26	+000000+00	+000000+00
+154266-08	+152684-08	+147375-08	+103470-08
+301103-10	+131135-25	+000000+00	+000000+00
+218009-08	+216177-08	+208662-08	+146498-08
+426318-10	+185669-25	+000000+00	+000000+00
+222356-08	+220507-08	+212841-08	+149433-08
+434857-10	+189387-25	+000000+00	+000000+00
+222357-08	+220509-08	+212843-08	+149434-08
+434860-10	+189389-25	+000000+00	+000000+00
+222357-08	+220509-08	+212843-08	+149434-08
+434860-10	+189389-25	+000000+00	+000000+00
+222357-08	+220509-08	+212843-08	+149434-08
+434860-10	+189389-25	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	1	+300000+15

+218771-08	+214983-08	+207503-08	+145685-08
+423951-10	+184638-25	+000000+00	+000000+00
+462798-08	+458053-08	+442126-08	+310410-08
+903309-10	+393406-25	+000000+00	+000000+00
+654027-08	+648532-08	+625985-08	+439495-08
+127895-09	+557006-25	+000000+00	+000000+00
+667067-08	+661521-08	+638524-08	+448298-08
+130457-09	+568162-25	+000000+00	+000000+00
+667072-08	+661526-08	+638528-08	+448302-08
+130458-09	+568166-25	+000000+00	+000000+00
+667072-08	+661526-08	+638528-08	+448302-08
+130458-09	+568166-25	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	1	+100000+16

+729236-08	+716611-08	+691678-08	+485617-08
+141317-09	+615459-25	+000000+00	+000000+00
+154266-07	+152684-07	+147375-07	+103470-07
+301103-09	+131135-24	+000000+00	+000000+00
+218009-07	+216177-07	+208662-07	+146498-07
+426318-09	+185669-24	+000000+00	+000000+00
+222356-07	+220507-07	+212841-07	+149433-07
+434857-09	+189387-24	+000000+00	+000000+00
+222357-07	+220509-07	+212843-07	+149434-07
+434860-09	+189389-24	+000000+00	+000000+00
+222357-07	+220509-07	+212843-07	+149434-07
+434860-09	+189389-24	+000000+00	+000000+00
+222357-07	+220509-07	+212843-07	+149434-07
+434860-09	+189389-24	+000000+00	+000000+00

ZINC

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
1	2	+100000+13	
+161263-25	+808574-27	+734674-27	+515804-27
+150102-28	+000000+00	+000000+00	+000000+00
+169903-25	+166917-26	+156536-26	+109902-26
+319820-28	+000000+00	+000000+00	+000000+00
+176673-25	+234367-26	+221633-26	+155605-26
+452819-28	+000000+00	+000000+00	+000000+00
+177135-25	+238956-26	+226072-26	+158722-26
+461888-28	+000000+00	+000000+00	+000000+00
+177135-25	+238958-26	+226074-26	+158723-26
+461892-28	+000000+00	+000000+00	+000000+00
+177135-25	+238958-26	+226074-26	+158723-26
+461892-28	+000000+00	+000000+00	+000000+00
+177135-25	+238958-26	+226074-26	+158723-26
+461892-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
1	2	+100000+14	
+161263-24	+808574-26	+734674-26	+515804-26
+150102-27	+000000+00	+000000+00	+000000+00
+169903-24	+166917-25	+156536-25	+109902-25
+319820-27	+000000+00	+000000+00	+000000+00
+176673-24	+234367-25	+221633-25	+155605-25
+452819-27	+000000+00	+000000+00	+000000+00
+177135-24	+238956-25	+226072-25	+158722-25
+461888-27	+000000+00	+000000+00	+000000+00
+177135-24	+238958-25	+226074-25	+158723-25
+461892-27	+000000+00	+000000+00	+000000+00
+177135-24	+238958-25	+226074-25	+158723-25
+461892-27	+000000+00	+000000+00	+000000+00
+177135-24	+238958-25	+226074-25	+158723-25
+461892-27	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
1	2	+300000+14	
+483789-24	+242572-25	+220402-25	+154741-25
+450306-27	+000000+00	+000000+00	+000000+00
+509708-24	+500752-25	+469609-25	+329706-25
+959461-27	+000000+00	+000000+00	+000000+00
+530020-24	+703071-25	+664898-25	+466815-25
+135846-26	+000000+00	+000000+00	+000000+00
+531405-24	+716868-25	+678216-25	+476165-25
+138567-26	+000000+00	+000000+00	+000000+00
+531405-24	+716873-25	+678221-25	+476169-25
+138568-26	+000000+00	+000000+00	+000000+00
+531405-24	+716873-25	+678221-25	+476169-25
+138568-26	+000000+00	+000000+00	+000000+00
+531405-24	+716873-25	+678221-25	+476169-25
+138568-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
1	2	+100000+15	
+161263-23	+808574-25	+734674-25	+515804-25
+150102-26	+000000+00	+000000+00	+000000+00
+169903-23	+166917-24	+156536-24	+109902-24
+319820-26	+000000+00	+000000+00	+000000+00
+176673-23	+234367-24	+221633-24	+155605-24
+452819-26	+000000+00	+000000+00	+000000+00
+177135-23	+238956-24	+226072-24	+158722-24
+461888-26	+000000+00	+000000+00	+000000+00
+177135-23	+238958-24	+226074-24	+158723-24
+461892-26	+000000+00	+000000+00	+000000+00
+177135-23	+238958-24	+226074-24	+158723-24
+461892-26	+000000+00	+000000+00	+000000+00
+177135-23	+238958-24	+226074-24	+158723-24
+461892-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
1	2	+300000+15	
+483789-23	+242572-24	+220402-24	+154741-24
+450306-26	+000000+00	+000000+00	+000000+00
+509708-23	+500752-24	+469609-24	+329706-24
+959461-26	+000000+00	+000000+00	+000000+00
+530020-23	+703071-24	+664898-24	+466815-24
+135846-26	+000000+00	+000000+00	+000000+00
+531405-23	+716868-24	+678216-24	+476165-24
+138567-26	+000000+00	+000000+00	+000000+00
+531405-23	+716873-24	+678221-24	+476169-24
+138568-26	+000000+00	+000000+00	+000000+00
+531405-23	+716873-24	+678221-24	+476169-24
+138568-26	+000000+00	+000000+00	+000000+00
+531405-23	+716873-24	+678221-24	+476169-24
+138568-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
1	2	+100000+16	
+161263-22	+808574-24	+734674-24	+515804-24
+150102-25	+000000+00	+000000+00	+000000+00
+169903-22	+166917-23	+156536-23	+109902-23
+319820-25	+000000+00	+000000+00	+000000+00
+176673-22	+234367-23	+221633-23	+155605-23
+452819-25	+000000+00	+000000+00	+000000+00
+177135-22	+238956-23	+226072-23	+158722-23
+461888-25	+000000+00	+000000+00	+000000+00
+177135-22	+238958-23	+226074-23	+158723-23
+461892-25	+000000+00	+000000+00	+000000+00
+177135-22	+238958-23	+226074-23	+158723-23
+461892-25	+000000+00	+000000+00	+000000+00
+177135-22	+238958-23	+226074-23	+158723-23
+461892-25	+000000+00	+000000+00	+000000+00

ZINC

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
1	3	+100000+13

+412162-29	+410546-29	+396278-29	+278221-29
+809638-31	+000000+00	+000000+00	+000000+00
+878191-29	+874746-29	+844347-29	+592804-29
+172509-30	+000000+00	+000000+00	+000000+00
+124339-28	+123851-28	+119547-28	+839324-29
+244247-30	+000000+00	+000000+00	+000000+00
+126829-28	+126332-28	+121942-28	+856135-29
+249140-30	+000000+00	+000000+00	+000000+00
+126830-28	+126333-28	+121943-28	+856141-29
+249141-30	+000000+00	+000000+00	+000000+00
+126830-28	+126333-28	+121943-28	+856141-29
+249141-30	+000000+00	+000000+00	+000000+00
+126830-28	+126333-28	+121943-28	+856141-29
+249141-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	3	+100000+14

+412162-28	+410546-28	+396278-28	+278221-28
+809638-30	+000000+00	+000000+00	+000000+00
+878191-28	+874746-28	+844347-28	+592804-28
+172509-29	+000000+00	+000000+00	+000000+00
+124339-27	+123851-27	+119547-27	+839324-28
+244247-29	+000000+00	+000000+00	+000000+00
+126829-27	+126332-27	+121942-27	+856135-28
+249140-29	+000000+00	+000000+00	+000000+00
+126830-27	+126333-27	+121943-27	+856141-28
+249141-29	+000000+00	+000000+00	+000000+00
+126830-27	+126333-27	+121943-27	+856141-28
+249141-29	+000000+00	+000000+00	+000000+00
+126830-27	+126333-27	+121943-27	+856141-28
+249141-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	3	+300000+14

+123649-27	+123164-27	+118884-27	+834664-28
+242891-29	+000000+00	+000000+00	+000000+00
+263457-27	+262424-27	+253304-27	+177841-27
+517527-29	+000000+00	+000000+00	+000000+00
+373017-27	+371554-27	+358642-27	+251797-27
+732742-29	+000000+00	+000000+00	+000000+00
+380488-27	+378996-27	+365825-27	+256840-27
+747419-29	+000000+00	+000000+00	+000000+00
+380491-27	+378999-27	+365828-27	+256842-27
+747424-29	+000000+00	+000000+00	+000000+00
+380491-27	+378999-27	+365828-27	+256842-27
+747424-29	+000000+00	+000000+00	+000000+00
+380491-27	+378999-27	+365828-27	+256842-27
+747424-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	3	+100000+15

+412162-27	+410546-27	+396278-27	+278221-27
+809638-29	+000000+00	+000000+00	+000000+00
+878191-27	+874746-27	+844347-27	+592804-27
+172509-28	+000000+00	+000000+00	+000000+00
+124339-26	+123851-26	+119547-26	+839324-27
+244247-28	+000000+00	+000000+00	+000000+00
+126829-26	+126332-26	+121942-26	+856135-27
+249140-28	+000000+00	+000000+00	+000000+00
+126830-26	+126333-26	+121943-26	+856141-27
+249141-28	+000000+00	+000000+00	+000000+00
+126830-26	+126333-26	+121943-26	+856141-27
+249141-28	+000000+00	+000000+00	+000000+00
+126830-26	+126333-26	+121943-26	+856141-27
+249141-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	3	+300000+15

+123649-26	+123164-26	+118884-26	+834664-27
+242891-28	+000000+00	+000000+00	+000000+00
+263457-26	+262424-26	+253304-26	+177841-26
+517527-28	+000000+00	+000000+00	+000000+00
+373017-26	+371554-26	+358642-26	+251797-26
+732742-28	+000000+00	+000000+00	+000000+00
+380488-26	+378996-26	+365825-26	+256840-26
+747419-28	+000000+00	+000000+00	+000000+00
+380491-26	+378999-26	+365828-26	+256842-26
+747424-28	+000000+00	+000000+00	+000000+00
+380491-26	+378999-26	+365828-26	+256842-26
+747424-28	+000000+00	+000000+00	+000000+00
+380491-26	+378999-26	+365828-26	+256842-26
+747424-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	3	+100000+16

+412162-26	+410546-26	+396278-26	+278221-26
+809638-28	+000000+00	+000000+00	+000000+00
+878191-26	+874746-26	+844347-26	+592804-26
+172509-27	+000000+00	+000000+00	+000000+00
+124339-25	+123851-25	+119547-25	+839324-26
+244247-27	+000000+00	+000000+00	+000000+00
+126829-25	+126332-25	+121942-25	+856135-26
+249140-27	+000000+00	+000000+00	+000000+00
+126830-25	+126333-25	+121943-25	+856141-26
+249141-27	+000000+00	+000000+00	+000000+00
+126830-25	+126333-25	+121943-25	+856141-26
+249141-27	+000000+00	+000000+00	+000000+00
+126830-25	+126333-25	+121943-25	+856141-26
+249141-27	+000000+00	+000000+00	+000000+00

ZINC

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
1	4	+100000+13	
+154910-27	+511090-29	+448535-29	+314910-29
+916403-31	+000000+00	+000000+00	+000000+00
+160185-27	+103650-28	+955690-29	+670976-29
+195257-30	+000000+00	+000000+00	+000000+00
+164319-27	+144824-28	+135312-28	+950004-29
+276456-30	+000000+00	+000000+00	+000000+00
+164601-27	+147632-28	+138022-28	+969032-29
+281993-30	+000000+00	+000000+00	+000000+00
+164601-27	+147633-28	+138023-28	+969039-29
+281996-30	+000000+00	+000000+00	+000000+00
+164601-27	+147633-28	+138023-28	+969039-29
+281996-30	+000000+00	+000000+00	+000000+00
+164601-27	+147633-28	+138023-28	+969039-29
+281996-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
1	4	+100000+14	
+154910-26	+511090-28	+448535-28	+314910-28
+916403-30	+000000+00	+000000+00	+000000+00
+160185-26	+103650-27	+955690-28	+670976-28
+195257-29	+000000+00	+000000+00	+000000+00
+164319-26	+144824-27	+135312-27	+950004-28
+276456-29	+000000+00	+000000+00	+000000+00
+164601-26	+147632-27	+138022-27	+969032-28
+281993-29	+000000+00	+000000+00	+000000+00
+164601-26	+147633-27	+138023-27	+969039-28
+281996-29	+000000+00	+000000+00	+000000+00
+164601-26	+147633-27	+138023-27	+969039-28
+281996-29	+000000+00	+000000+00	+000000+00
+164601-26	+147633-27	+138023-27	+969039-28
+281996-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
1	4	+300000+14	
+464731-26	+153327-27	+134560-27	+944730-28
+274921-29	+000000+00	+000000+00	+000000+00
+480555-26	+310951-27	+286707-27	+201293-27
+585772-29	+000000+00	+000000+00	+000000+00
+492956-26	+434472-27	+405935-27	+285001-27
+829367-29	+000000+00	+000000+00	+000000+00
+493802-26	+442895-27	+414066-27	+290710-27
+845979-29	+000000+00	+000000+00	+000000+00
+493802-26	+442898-27	+414069-27	+290712-27
+845986-29	+000000+00	+000000+00	+000000+00
+493802-26	+442898-27	+414069-27	+290712-27
+845986-29	+000000+00	+000000+00	+000000+00
+493802-26	+442898-27	+414069-27	+290712-27
+845986-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
1	4	+100000+15	
+154910-25	+511090-27	+448535-27	+314910-27
+916403-29	+000000+00	+000000+00	+000000+00
+160185-25	+103650-26	+955690-27	+670976-27
+195257-28	+000000+00	+000000+00	+000000+00
+164319-25	+144824-26	+135312-26	+950004-27
+276456-28	+000000+00	+000000+00	+000000+00
+164601-25	+147632-26	+138022-26	+969032-27
+281993-28	+000000+00	+000000+00	+000000+00
+164601-25	+147633-26	+138023-26	+969039-27
+281996-28	+000000+00	+000000+00	+000000+00
+164601-25	+147633-26	+138023-26	+969039-27
+281996-28	+000000+00	+000000+00	+000000+00
+164601-25	+147633-26	+138023-26	+969039-27
+281996-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
1	4	+300000+15	
+464731-25	+153327-26	+134560-26	+944730-27
+274921-28	+000000+00	+000000+00	+000000+00
+480555-25	+310951-26	+286707-26	+201293-26
+585772-28	+000000+00	+000000+00	+000000+00
+492956-25	+434472-26	+405935-26	+285001-26
+829367-28	+000000+00	+000000+00	+000000+00
+493802-25	+442895-26	+414066-26	+290710-26
+845979-28	+000000+00	+000000+00	+000000+00
+493802-25	+442898-26	+414069-26	+290712-26
+845986-28	+000000+00	+000000+00	+000000+00
+493802-25	+442898-26	+414069-26	+290712-26
+845986-28	+000000+00	+000000+00	+000000+00
+493802-25	+442898-26	+414069-26	+290712-26
+845986-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
1	4	+100000+16	
+154910-24	+511090-26	+448535-26	+314910-26
+916403-28	+000000+00	+000000+00	+000000+00
+160185-24	+103650-25	+955690-26	+670976-26
+195257-27	+000000+00	+000000+00	+000000+00
+164319-24	+144824-25	+135312-25	+950004-26
+276456-27	+000000+00	+000000+00	+000000+00
+164601-24	+147632-25	+138022-25	+969032-26
+281993-27	+000000+00	+000000+00	+000000+00
+164601-24	+147633-25	+138023-25	+969039-26
+281996-27	+000000+00	+000000+00	+000000+00
+164601-24	+147633-25	+138023-25	+969039-26
+281996-27	+000000+00	+000000+00	+000000+00
+164601-24	+147633-25	+138023-25	+969039-26
+281996-27	+000000+00	+000000+00	+000000+00

ZINC

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
1	5	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	5	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	5	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	5	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	5	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	5	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ZINC

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
1	6	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	6	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	6	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	6	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	6	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	6	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ZINC

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
1	7	+100000+13

+282725-16	+281616-16	+271829-16	+190848-16
+555376-18	+241875-33	+000000+00	+000000+00
+602400-16	+600037-16	+579185-16	+406637-16
+118334-17	+516362-33	+000000+00	+000000+00
+852910-16	+849565-16	+820041-16	+575739-16
+167543-17	+729677-33	+000000+00	+000000+00
+869993-16	+866581-16	+836466-16	+587271-16
+170899-17	+744292-33	+000000+00	+000000+00
+870000-16	+866588-16	+836472-16	+587275-16
+170900-17	+744298-33	+000000+00	+000000+00
+870000-16	+866588-16	+836472-16	+587275-16
+170900-17	+744298-33	+000000+00	+000000+00
+870000-16	+866588-16	+836472-16	+587275-16
+170900-17	+744298-33	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	7	+100000+14

+282725-15	+281616-15	+271829-15	+190848-15
+555376-17	+241875-32	+000000+00	+000000+00
+602400-15	+600037-15	+579185-15	+406637-15
+118334-16	+515362-32	+000000+00	+000000+00
+852910-15	+849565-15	+820041-15	+575739-15
+167543-16	+729677-32	+000000+00	+000000+00
+869993-15	+866581-15	+836466-15	+587271-15
+170899-16	+744292-32	+000000+00	+000000+00
+870000-15	+866588-15	+836472-15	+587275-15
+170900-16	+744298-32	+000000+00	+000000+00
+870000-15	+866588-15	+836472-15	+587275-15
+170900-16	+744298-32	+000000+00	+000000+00
+870000-15	+866588-15	+836472-15	+587275-15
+170900-16	+744298-32	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	7	+300000+14

+848175-15	+844848-15	+815488-15	+572543-15
+166613-16	+725626-32	+000000+00	+000000+00
+180720-14	+180011-14	+173755-14	+121991-14
+355001-16	+154609-31	+000000+00	+000000+00
+255873-14	+254869-14	+246012-14	+172722-14
+502629-16	+218903-31	+000000+00	+000000+00
+260998-14	+259974-14	+250940-14	+176181-14
+512696-16	+223288-31	+000000+00	+000000+00
+261000-14	+259976-14	+250942-14	+176183-14
+512700-16	+223289-31	+000000+00	+000000+00
+261000-14	+259976-14	+250942-14	+176183-14
+512700-16	+223289-31	+000000+00	+000000+00
+261000-14	+259976-14	+250942-14	+176183-14
+512700-16	+223289-31	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	7	+100000+15

+282725-14	+281616-14	+271829-14	+190848-14
+555376-16	+241875-31	+000000+00	+000000+00
+602400-14	+600037-14	+579185-14	+406637-14
+118334-15	+515362-31	+000000+00	+000000+00
+852910-14	+849565-14	+820041-14	+575739-14
+167543-15	+729677-31	+000000+00	+000000+00
+869993-14	+866581-14	+836466-14	+587271-14
+170899-15	+744292-31	+000000+00	+000000+00
+870000-14	+866588-14	+836472-14	+587275-14
+170900-15	+744298-31	+000000+00	+000000+00
+870000-14	+866588-14	+836472-14	+587275-14
+170900-15	+744298-31	+000000+00	+000000+00
+870000-14	+866588-14	+836472-14	+587275-14
+170900-15	+744298-31	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	7	+300000+15

+848175-14	+844848-14	+815488-14	+572543-14
+166613-15	+725626-31	+000000+00	+000000+00
+180720-13	+180011-13	+173755-13	+121991-13
+355001-15	+154609-30	+000000+00	+000000+00
+255873-13	+254869-13	+246012-13	+172722-13
+502629-15	+218903-30	+000000+00	+000000+00
+260998-13	+259974-13	+250940-13	+176181-13
+512696-15	+223288-30	+000000+00	+000000+00
+261000-13	+259976-13	+250942-13	+176183-13
+512700-15	+223289-30	+000000+00	+000000+00
+261000-13	+259976-13	+250942-13	+176183-13
+512700-16	+223289-30	+000000+00	+000000+00
+261000-13	+259976-13	+250942-13	+176183-13
+512700-15	+223289-30	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	7	+100000+16

+282725-13	+281616-13	+271829-13	+190848-13
+555376-15	+241875-30	+000000+00	+000000+00
+602400-13	+600037-13	+579185-13	+406637-13
+118334-14	+515362-30	+000000+00	+000000+00
+852910-13	+849565-13	+820041-13	+575739-13
+167543-14	+729677-30	+000000+00	+000000+00
+869993-13	+866581-13	+836466-13	+587271-13
+170899-14	+744292-30	+000000+00	+000000+00
+870000-13	+866588-13	+836472-13	+587275-13
+170900-14	+744298-30	+000000+00	+000000+00
+870000-13	+866588-13	+836472-13	+587275-13
+170900-14	+744298-30	+000000+00	+000000+00
+870000-13	+866588-13	+836472-13	+587275-13
+170900-14	+744298-30	+000000+00	+000000+00

ZINC

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
1	8	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	8	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	8	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	8	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	8	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	8	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ZINC

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
1	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
1	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

GALLIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
2	1	+100000+13

+157361-10	+152890-10	+112263-10	+180183-11
+580303-13	+262743-28	+000000+00	+000000+00
+187591-10	+182953-10	+140983-10	+389765-11
+123647-12	+538619-28	+000000+00	+000000+00
+213308-10	+208573-10	+165749-10	+565269-11
+175067-12	+762463-28	+000000+00	+000000+00
+215093-10	+210351-10	+167466-10	+577319-11
+178574-12	+777736-28	+000000+00	+000000+00
+215094-10	+210352-10	+167466-10	+577324-11
+178575-12	+777741-28	+000000+00	+000000+00
+215094-10	+210352-10	+167466-10	+577324-11
+178575-12	+777741-28	+000000+00	+000000+00
+215094-10	+210352-10	+167466-10	+577324-11
+178575-12	+777741-28	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	1	+100000+14

+157361-09	+152890-09	+112263-09	+180183-10
+580303-12	+262743-27	+000000+00	+000000+00
+187591-09	+182953-09	+140983-09	+389765-10
+123647-11	+538619-27	+000000+00	+000000+00
+213308-09	+208573-09	+165749-09	+565269-10
+175067-11	+762463-27	+000000+00	+000000+00
+215093-09	+210351-09	+167466-09	+577319-10
+178574-11	+777736-27	+000000+00	+000000+00
+215094-09	+210352-09	+167466-09	+577324-10
+178575-11	+777741-27	+000000+00	+000000+00
+215094-09	+210352-09	+167466-09	+577324-10
+178575-11	+777741-27	+000000+00	+000000+00
+215094-09	+210352-09	+167466-09	+577324-10
+178575-11	+777741-27	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	1	+300000+14

+472084-09	+458670-09	+336790-09	+540549-10
+174091-11	+768230-27	+000000+00	+000000+00
+562773-09	+548858-09	+422950-09	+116929-09
+370941-11	+161556-26	+000000+00	+000000+00
+639924-09	+625719-09	+497248-09	+169581-09
+525202-11	+228739-26	+000000+00	+000000+00
+645279-09	+631054-09	+502397-09	+173196-09
+535722-11	+233320-26	+000000+00	+000000+00
+645281-09	+631056-09	+502398-09	+173197-09
+535726-11	+233322-26	+000000+00	+000000+00
+645281-09	+631056-09	+502398-09	+173197-09
+535726-11	+233322-26	+000000+00	+000000+00
+645281-09	+631056-09	+502398-09	+173197-09
+535726-11	+233322-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	1	+100000+15

+157361-08	+152890-08	+112263-08	+180183-09
+580303-11	+262743-26	+000000+00	+000000+00
+187591-08	+182953-08	+140983-08	+389765-09
+123647-10	+538619-26	+000000+00	+000000+00
+213308-08	+208573-08	+165749-08	+565269-09
+175067-10	+762463-26	+000000+00	+000000+00
+215093-08	+210351-08	+167466-08	+577319-09
+178574-10	+777736-26	+000000+00	+000000+00
+215094-08	+210352-08	+167466-08	+577324-09
+178575-10	+777741-26	+000000+00	+000000+00
+215094-08	+210352-08	+167466-08	+577324-09
+178575-10	+777741-26	+000000+00	+000000+00
+215094-08	+210352-08	+167466-08	+577324-09
+178575-10	+777741-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	1	+300000+15

+472084-08	+458670-08	+336790-08	+540549-09
+174091-10	+768230-26	+000000+00	+000000+00
+562773-08	+548858-08	+422950-08	+116929-08
+370941-10	+161556-25	+000000+00	+000000+00
+639924-08	+625719-08	+497248-08	+169581-08
+525202-10	+228739-25	+000000+00	+000000+00
+645279-08	+631054-08	+502397-08	+173196-08
+535722-10	+233321-25	+000000+00	+000000+00
+645281-08	+631056-08	+502398-08	+173197-08
+535726-10	+233322-25	+000000+00	+000000+00
+645281-08	+631056-08	+502398-08	+173197-08
+535726-10	+233322-25	+000000+00	+000000+00
+645281-08	+631056-08	+502398-08	+173197-08
+535726-10	+233322-25	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	1	+100000+16

+157361-07	+152890-07	+112263-07	+180183-08
+580303-10	+262743-25	+000000+00	+000000+00
+187591-07	+182953-07	+140983-07	+389765-08
+123647-09	+538619-25	+000000+00	+000000+00
+213308-07	+208573-07	+165749-07	+565269-08
+175067-09	+762463-25	+000000+00	+000000+00
+215093-07	+210351-07	+167466-07	+577319-08
+178574-09	+777736-25	+000000+00	+000000+00
+215094-07	+210352-07	+167466-07	+577324-08
+178575-09	+777741-25	+000000+00	+000000+00
+215094-07	+210352-07	+167466-07	+577324-08
+178575-09	+777741-25	+000000+00	+000000+00
+215094-07	+210352-07	+167466-07	+577324-08
+178575-09	+777741-25	+000000+00	+000000+00

GALLIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
2	2	+100000+13

+157025-25	+152274-25	+109196-25	+870816-27
+211732-28	+000000+00	+000000+00	+000000+00
+170235-25	+165339-25	+121157-25	+164014-26
+451144-28	+000000+00	+000000+00	+000000+00
+179619-25	+174688-25	+130194-25	+228050-26
+638759-28	+000000+00	+000000+00	+000000+00
+180270-25	+175337-25	+130821-25	+232447-26
+651553-28	+000000+00	+000000+00	+000000+00
+180270-25	+175337-25	+130821-25	+232448-26
+651558-28	+000000+00	+000000+00	+000000+00
+180270-25	+175337-25	+130821-25	+232448-26
+651558-28	+000000+00	+000000+00	+000000+00
+180270-25	+175337-25	+130821-25	+232448-26
+651558-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	2	+100000+14

+157025-24	+152274-24	+109196-24	+870816-26
+211732-27	+000000+00	+000000+00	+000000+00
+170235-24	+165339-24	+121157-24	+164014-25
+451144-27	+000000+00	+000000+00	+000000+00
+179619-24	+174688-24	+130194-24	+228050-25
+638759-27	+000000+00	+000000+00	+000000+00
+180270-24	+175337-24	+130821-24	+232447-25
+651553-27	+000000+00	+000000+00	+000000+00
+180270-24	+175337-24	+130821-24	+232448-25
+651558-27	+000000+00	+000000+00	+000000+00
+180270-24	+175337-24	+130821-24	+232448-25
+651558-27	+000000+00	+000000+00	+000000+00
+180270-24	+175337-24	+130821-24	+232448-25
+651558-27	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	2	+300000+14

+471076-24	+456820-24	+327587-24	+261245-25
+635197-27	+000000+00	+000000+00	+000000+00
+510703-24	+496018-24	+363472-24	+492043-25
+135343-26	+000000+00	+000000+00	+000000+00
+538856-24	+524065-24	+390583-24	+684150-25
+191628-26	+000000+00	+000000+00	+000000+00
+540810-24	+526011-24	+392462-24	+697340-25
+195466-26	+000000+00	+000000+00	+000000+00
+540811-24	+526012-24	+392462-24	+697345-25
+195467-26	+000000+00	+000000+00	+000000+00
+540811-24	+526012-24	+392462-24	+697345-25
+195467-26	+000000+00	+000000+00	+000000+00
+540811-24	+526012-24	+392462-24	+697345-25
+195467-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	2	+100000+15

+157025-23	+152273-23	+109196-23	+870815-25
+211732-26	+000000+00	+000000+00	+000000+00
+170234-23	+165339-23	+121157-23	+164014-24
+451144-26	+000000+00	+000000+00	+000000+00
+179619-23	+174688-23	+130194-23	+228050-24
+638759-26	+000000+00	+000000+00	+000000+00
+180270-23	+175337-23	+130821-23	+232447-24
+651553-26	+000000+00	+000000+00	+000000+00
+180270-23	+175337-23	+130821-23	+232448-24
+651558-26	+000000+00	+000000+00	+000000+00
+180270-23	+175337-23	+130821-23	+232448-24
+651558-26	+000000+00	+000000+00	+000000+00
+180270-23	+175337-23	+130821-23	+232448-24
+651558-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	2	+300000+15

+471076-23	+456821-23	+327587-23	+261245-24
+635197-26	+000000+00	+000000+00	+000000+00
+510704-23	+496018-23	+363472-23	+492043-24
+135343-25	+000000+00	+000000+00	+000000+00
+538856-23	+524065-23	+390583-23	+684150-24
+191628-25	+000000+00	+000000+00	+000000+00
+540810-23	+526011-23	+392462-23	+697340-24
+195466-25	+000000+00	+000000+00	+000000+00
+540811-23	+526012-23	+392462-23	+697345-24
+195467-25	+000000+00	+000000+00	+000000+00
+540811-23	+526012-23	+392462-23	+697345-24
+195467-25	+000000+00	+000000+00	+000000+00
+540811-23	+526012-23	+392462-23	+697345-24
+195467-25	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	2	+100000+16

+157025-22	+152273-22	+109196-22	+870815-24
+211732-25	+000000+00	+000000+00	+000000+00
+170235-22	+165339-22	+121157-22	+164014-23
+451144-25	+000000+00	+000000+00	+000000+00
+179619-22	+174688-22	+130194-22	+228050-23
+638759-25	+000000+00	+000000+00	+000000+00
+180270-22	+175337-22	+130821-22	+232447-23
+651553-25	+000000+00	+000000+00	+000000+00
+180270-22	+175337-22	+130821-22	+232448-23
+651558-25	+000000+00	+000000+00	+000000+00
+180270-22	+175337-22	+130821-22	+232448-23
+651558-25	+000000+00	+000000+00	+000000+00
+180270-22	+175337-22	+130821-22	+232448-23
+651558-25	+000000+00	+000000+00	+000000+00

GALLIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
2	3	+100000+13

+119866-28	+118787-28	+108199-28	+880972-29
+338856-30	+000000+00	+000000+00	+000000+00
+278904-28	+277510-28	+264007-28	+210106-28
+722010-30	+000000+00	+000000+00	+000000+00
+429065-28	+427108-28	+408617-28	+312588-28
+102227-29	+000000+00	+000000+00	+000000+00
+439489-28	+437491-28	+418639-28	+319624-28
+104274-29	+000000+00	+000000+00	+000000+00
+439493-28	+437495-28	+418643-28	+319627-28
+104275-29	+000000+00	+000000+00	+000000+00
+439493-28	+437495-28	+418643-28	+319627-28
+104275-29	+000000+00	+000000+00	+000000+00
+439493-28	+437495-28	+418643-28	+319627-28
+104275-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	3	+100000+14

+119866-27	+118787-27	+108199-27	+880972-28
+338856-29	+000000+00	+000000+00	+000000+00
+278904-27	+277510-27	+264007-27	+210106-27
+722010-29	+000000+00	+000000+00	+000000+00
+429065-27	+427108-27	+408617-27	+312588-27
+102227-28	+000000+00	+000000+00	+000000+00
+439489-27	+437491-27	+418639-27	+319624-27
+104274-28	+000000+00	+000000+00	+000000+00
+439493-27	+437495-27	+418643-27	+319627-27
+104275-28	+000000+00	+000000+00	+000000+00
+439493-27	+437495-27	+418643-27	+319627-27
+104275-28	+000000+00	+000000+00	+000000+00
+439493-27	+437495-27	+418643-27	+319627-27
+104275-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	3	+300000+14

+359597-27	+356361-27	+324596-27	+264292-27
+101657-28	+000000+00	+000000+00	+000000+00
+836712-27	+832531-27	+792021-27	+630318-27
+216603-28	+000000+00	+000000+00	+000000+00
+128720-26	+128132-26	+122585-26	+937764-27
+306681-28	+000000+00	+000000+00	+000000+00
+131847-26	+131247-26	+125592-26	+958873-27
+312823-28	+000000+00	+000000+00	+000000+00
+131848-26	+131248-26	+125593-26	+958881-27
+312826-28	+000000+00	+000000+00	+000000+00
+131848-26	+131248-26	+125593-26	+958881-27
+312826-28	+000000+00	+000000+00	+000000+00
+131848-26	+131248-26	+125593-26	+958881-27
+312826-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	3	+100000+15

+119866-26	+118787-26	+108199-26	+880972-27
+338856-28	+000000+00	+000000+00	+000000+00
+278904-26	+277510-26	+264007-26	+210106-26
+722010-28	+000000+00	+000000+00	+000000+00
+429065-26	+427108-26	+408617-26	+312588-26
+102227-27	+000000+00	+000000+00	+000000+00
+439489-26	+437491-26	+418639-26	+319624-26
+104274-27	+000000+00	+000000+00	+000000+00
+439493-26	+437495-26	+418643-26	+319627-26
+104275-27	+000000+00	+000000+00	+000000+00
+439493-26	+437495-26	+418643-26	+319627-26
+104275-27	+000000+00	+000000+00	+000000+00
+439493-26	+437495-26	+418643-26	+319627-26
+104275-27	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	3	+300000+15

+359597-26	+356361-26	+324596-26	+264292-26
+101657-27	+000000+00	+000000+00	+000000+00
+836712-26	+832531-26	+792021-26	+630318-26
+216603-27	+000000+00	+000000+00	+000000+00
+128720-25	+128132-25	+122585-25	+937764-26
+306681-27	+000000+00	+000000+00	+000000+00
+131847-25	+131247-25	+125592-25	+958873-26
+312823-27	+000000+00	+000000+00	+000000+00
+131848-25	+131248-25	+125593-25	+958881-26
+312826-27	+000000+00	+000000+00	+000000+00
+131848-25	+131248-25	+125593-25	+958881-26
+312826-27	+000000+00	+000000+00	+000000+00
+131848-25	+131248-25	+125593-25	+958881-26
+312826-27	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	3	+100000+16

+119866-25	+118787-25	+108199-25	+880972-26
+338856-27	+000000+00	+000000+00	+000000+00
+278904-25	+277510-25	+264007-25	+210106-25
+722010-27	+000000+00	+000000+00	+000000+00
+429065-25	+427108-25	+408617-25	+312588-25
+102227-26	+000000+00	+000000+00	+000000+00
+439489-25	+437491-25	+418639-25	+319624-25
+104274-26	+000000+00	+000000+00	+000000+00
+439493-25	+437495-25	+418643-25	+319627-25
+104275-26	+000000+00	+000000+00	+000000+00
+439493-25	+437495-25	+418643-25	+319627-25
+104275-26	+000000+00	+000000+00	+000000+00
+439493-25	+437495-25	+418643-25	+319627-25
+104275-26	+000000+00	+000000+00	+000000+00

GALLIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
2	4	+100000+13

+555600-28	+541257-28	+410454-28	+109786-28
+387802-30	+000000+00	+000000+00	+000000+00
+746765-28	+731716-28	+594997-28	+249613-28
+826301-30	+000000+00	+000000+00	+000000+00
+918620-28	+902926-28	+760498-28	+366898-28
+116993-29	+000000+00	+000000+00	+000000+00
+930549-28	+914809-28	+771967-28	+374951-28
+119336-29	+000000+00	+000000+00	+000000+00
+930554-28	+914813-28	+771972-28	+374954-28
+119337-29	+000000+00	+000000+00	+000000+00
+930554-28	+914813-28	+771972-28	+374954-28
+119337-29	+000000+00	+000000+00	+000000+00
+930554-28	+914813-28	+771972-28	+374954-28
+119337-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	4	+100000+14

+555600-27	+541257-27	+410454-27	+109786-27
+387802-29	+000000+00	+000000+00	+000000+00
+746765-27	+731716-27	+594997-27	+249613-27
+826301-29	+000000+00	+000000+00	+000000+00
+918620-27	+902926-27	+760498-27	+366898-27
+116993-28	+000000+00	+000000+00	+000000+00
+930549-27	+914809-27	+771967-27	+374951-27
+119336-28	+000000+00	+000000+00	+000000+00
+930554-27	+914813-27	+771972-27	+374954-27
+119337-28	+000000+00	+000000+00	+000000+00
+930554-27	+914813-27	+771972-27	+374954-27
+119337-28	+000000+00	+000000+00	+000000+00
+930554-27	+914813-27	+771972-27	+374954-27
+119337-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	4	+300000+14

+166680-26	+162377-26	+123136-26	+329358-27
+116340-28	+000000+00	+000000+00	+000000+00
+224029-26	+219515-26	+178499-26	+748839-27
+247890-28	+000000+00	+000000+00	+000000+00
+275586-26	+270878-26	+228149-26	+110069-26
+350979-28	+000000+00	+000000+00	+000000+00
+279165-26	+274443-26	+231590-26	+112485-26
+358009-28	+000000+00	+000000+00	+000000+00
+279166-26	+274444-26	+231592-26	+112486-26
+358012-28	+000000+00	+000000+00	+000000+00
+279166-26	+274444-26	+231592-26	+112486-26
+358012-28	+000000+00	+000000+00	+000000+00
+279166-26	+274444-26	+231592-26	+112486-26
+358012-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	4	+100000+15

+555600-26	+541257-26	+410454-26	+109786-26
+387802-28	+000000+00	+000000+00	+000000+00
+746765-26	+731716-26	+594997-26	+249613-26
+826301-28	+000000+00	+000000+00	+000000+00
+918620-26	+902926-26	+760498-26	+366898-26
+116993-27	+000000+00	+000000+00	+000000+00
+930549-26	+914809-26	+771967-26	+374951-26
+119336-27	+000000+00	+000000+00	+000000+00
+930554-26	+914813-26	+771972-26	+374954-26
+119337-27	+000000+00	+000000+00	+000000+00
+930554-26	+914813-26	+771972-26	+374954-26
+119337-27	+000000+00	+000000+00	+000000+00
+930554-26	+914813-26	+771972-26	+374954-26
+119337-27	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	4	+300000+15

+166680-25	+162377-25	+123136-25	+329358-26
+116340-27	+000000+00	+000000+00	+000000+00
+224029-25	+219515-25	+178499-25	+748839-26
+247890-27	+000000+00	+000000+00	+000000+00
+275586-25	+270878-25	+228149-25	+110069-25
+350979-27	+000000+00	+000000+00	+000000+00
+279165-25	+274443-25	+231590-25	+112485-25
+358009-27	+000000+00	+000000+00	+000000+00
+279166-25	+274444-25	+231592-25	+112486-25
+358012-27	+000000+00	+000000+00	+000000+00
+279166-25	+274444-25	+231592-25	+112486-25
+358012-27	+000000+00	+000000+00	+000000+00
+279166-25	+274444-25	+231592-25	+112486-25
+358012-27	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	4	+100000+16

+555600-25	+541257-25	+410454-25	+109786-25
+387802-27	+000000+00	+000000+00	+000000+00
+746765-25	+731716-25	+594997-25	+249613-25
+826301-27	+000000+00	+000000+00	+000000+00
+918620-25	+902926-25	+760498-25	+366898-25
+116993-26	+000000+00	+000000+00	+000000+00
+930549-25	+914809-25	+771967-25	+374951-25
+119336-26	+000000+00	+000000+00	+000000+00
+930554-25	+914813-25	+771972-25	+374954-25
+119337-26	+000000+00	+000000+00	+000000+00
+930554-25	+914813-25	+771972-25	+374954-25
+119337-26	+000000+00	+000000+00	+000000+00
+930554-25	+914813-25	+771972-25	+374954-25
+119337-26	+000000+00	+000000+00	+000000+00

GALLIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
2	5	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	5	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	5	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000080+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	5	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	5	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	5	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

GALLIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
2	6	+100000+13

+113515-14	+109959-14	+777603-15	+243180-16
+217583-31	+000000+00	+000000+00	+000000+00
+115999-14	+112349-14	+794502-15	+248465-16
+222311-31	+000000+00	+000000+00	+000000+00
+116000-14	+112350-14	+794510-15	+248467-16
+222313-31	+000000+00	+000000+00	+000000+00
+116000-14	+112350-14	+794510-15	+248467-16
+222313-31	+000000+00	+000000+00	+000000+00
+116000-14	+112350-14	+794510-15	+248467-16
+222313-31	+000000+00	+000000+00	+000000+00
+116000-14	+112350-14	+794510-15	+248467-16
+222313-31	+000000+00	+000000+00	+000000+00
+116000-14	+112350-14	+794510-15	+248467-16
+222313-31	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	6	+100000+14

+113515-13	+109959-13	+777603-14	+243180-15
+217583-30	+000000+00	+000000+00	+000000+00
+115999-13	+112349-13	+794502-14	+248465-15
+222311-30	+000000+00	+000000+00	+000000+00
+116000-13	+112350-13	+794510-14	+248467-15
+222313-30	+000000+00	+000000+00	+000000+00
+116000-13	+112350-13	+794510-14	+248467-15
+222313-30	+000000+00	+000000+00	+000000+00
+116000-13	+112350-13	+794510-14	+248467-15
+222313-30	+000000+00	+000000+00	+000000+00
+116000-13	+112350-13	+794510-14	+248467-15
+222313-30	+000000+00	+000000+00	+000000+00
+116000-13	+112350-13	+794510-14	+248467-15
+222313-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	6	+300000+14

+340546-13	+329878-13	+233281-13	+729539-15
+652748-30	+000000+00	+000000+00	+000000+00
+347997-13	+337047-13	+238351-13	+745394-15
+666934-30	+000000+00	+000000+00	+000000+00
+348000-13	+337050-13	+238353-13	+745401-15
+666940-30	+000000+00	+000000+00	+000000+00
+348000-13	+337050-13	+238353-13	+745401-15
+666940-30	+000000+00	+000000+00	+000000+00
+348000-13	+337050-13	+238353-13	+745401-15
+666940-30	+000000+00	+000000+00	+000000+00
+348000-13	+337050-13	+238353-13	+745401-15
+666940-30	+000000+00	+000000+00	+000000+00
+348000-13	+337050-13	+238353-13	+745401-15
+666940-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	6	+100000+15

+113515-12	+109959-12	+777603-13	+243180-14
+217583-29	+000000+00	+000000+00	+000000+00
+115999-12	+112349-12	+794502-13	+248465-14
+222311-29	+000000+00	+000000+00	+000000+00
+116000-12	+112350-12	+794510-13	+248467-14
+222313-29	+000000+00	+000000+00	+000000+00
+116000-12	+112350-12	+794510-13	+248467-14
+222313-29	+000000+00	+000000+00	+000000+00
+116000-12	+112350-12	+794510-13	+248467-14
+222313-29	+000000+00	+000000+00	+000000+00
+116000-12	+112350-12	+794510-13	+248467-14
+222313-29	+000000+00	+000000+00	+000000+00
+116000-12	+112350-12	+794510-13	+248467-14
+222313-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	6	+300000+15

+340546-12	+329878-12	+233281-12	+729539-14
+652748-29	+000000+00	+000000+00	+000000+00
+347997-12	+337047-12	+238351-12	+745394-14
+666934-29	+000000+00	+000000+00	+000000+00
+348000-12	+337050-12	+238353-12	+745401-14
+666940-29	+000000+00	+000000+00	+000000+00
+348000-12	+337050-12	+238353-12	+745401-14
+666940-29	+000000+00	+000000+00	+000000+00
+348000-12	+337050-12	+238353-12	+745401-14
+666940-29	+000000+00	+000000+00	+000000+00
+348000-12	+337050-12	+238353-12	+745401-14
+666940-29	+000000+00	+000000+00	+000000+00
+348000-12	+337050-12	+238353-12	+745401-14
+666940-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	6	+100000+16

+113515-11	+109959-11	+777603-12	+243180-13
+217583-28	+000000+00	+000000+00	+000000+00
+115999-11	+112349-11	+794502-12	+248465-13
+222311-28	+000000+00	+000000+00	+000000+00
+116000-11	+112350-11	+794510-12	+248467-13
+222313-28	+000000+00	+000000+00	+000000+00
+116000-11	+112350-11	+794510-12	+248467-13
+222313-28	+000000+00	+000000+00	+000000+00
+116000-11	+112350-11	+794510-12	+248467-13
+222313-28	+000000+00	+000000+00	+000000+00
+116000-11	+112350-11	+794510-12	+248467-13
+222313-28	+000000+00	+000000+00	+000000+00
+116000-11	+112350-11	+794510-12	+248467-13
+222313-28	+000000+00	+000000+00	+000000+00

GALLIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
2	7	+100000+13

+169061-16	+171561-16	+191806-16	+252771-16
+987096-18	+429917-33	+000000+00	+000000+00
+628403-16	+630134-16	+642998-16	+608102-16
+210323-17	+916020-33	+000000+00	+000000+00
+106582-15	+106591-15	+106425-15	+906635-16
+297789-17	+129695-32	+000000+00	+000000+00
+109619-15	+109616-15	+109344-15	+927132-16
+303754-17	+132293-32	+000000+00	+000000+00
+109620-15	+109617-15	+109346-15	+927139-16
+303756-17	+132294-32	+000000+00	+000000+00
+109620-15	+109617-15	+109346-15	+927139-16
+303756-17	+132294-32	+000000+00	+000000+00
+109620-15	+109617-15	+109346-15	+927139-16
+303756-17	+132294-32	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	7	+100000+14

+169061-15	+171561-15	+191806-15	+252771-15
+987096-17	+429917-32	+000000+00	+000000+00
+628403-15	+630134-15	+642998-15	+608102-15
+210323-16	+916020-32	+000000+00	+000000+00
+106582-14	+106591-14	+106425-14	+906635-15
+297789-16	+129695-31	+000000+00	+000000+00
+109619-14	+109616-14	+109344-14	+927132-15
+303754-16	+132293-31	+000000+00	+000000+00
+109620-14	+109617-14	+109346-14	+927139-15
+303756-16	+132294-31	+000000+00	+000000+00
+109620-14	+109617-14	+109346-14	+927139-15
+303756-16	+132294-31	+000000+00	+000000+00
+109620-14	+109617-14	+109346-14	+927139-15
+303756-16	+132294-31	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	7	+300000+14

+507182-15	+514683-15	+575417-15	+758313-15
+296129-16	+128975-31	+000000+00	+000000+00
+188521-14	+189040-14	+192899-14	+182431-14
+630970-16	+274806-31	+000000+00	+000000+00
+319747-14	+319774-14	+319275-14	+271990-14
+893368-16	+389085-31	+000000+00	+000000+00
+328857-14	+328848-14	+328033-14	+278139-14
+911263-16	+396878-31	+000000+00	+000000+00
+328860-14	+328851-14	+328037-14	+278142-14
+911269-16	+396881-31	+000000+00	+000000+00
+328860-14	+328851-14	+328037-14	+278142-14
+911269-16	+396881-31	+000000+00	+000000+00
+328860-14	+328851-14	+328037-14	+278142-14
+911269-16	+396881-31	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	7	+100000+15

+169061-14	+171561-14	+191806-14	+252771-14
+987096-16	+429917-31	+000000+00	+000000+00
+628403-14	+630134-14	+642998-14	+608102-14
+210323-15	+916020-31	+000000+00	+000000+00
+106582-13	+106591-13	+106425-13	+906635-14
+297789-15	+129695-30	+000000+00	+000000+00
+109619-13	+109616-13	+109344-13	+927132-14
+303754-15	+132293-30	+000000+00	+000000+00
+109620-13	+109617-13	+109346-13	+927139-14
+303757-15	+132294-30	+000000+00	+000000+00
+109620-13	+109617-13	+109346-13	+927139-14
+303757-15	+132294-30	+000000+00	+000000+00
+109620-13	+109617-13	+109346-13	+927139-14
+303757-15	+132294-30	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	7	+300000+15

+507182-14	+514683-14	+575417-14	+758313-14
+296129-15	+128975-30	+000000+00	+000000+00
+188521-13	+189040-13	+192899-13	+182431-13
+630970-15	+274806-30	+000000+00	+000000+00
+319747-13	+319774-13	+319275-13	+271990-13
+893368-15	+389085-30	+000000+00	+000000+00
+328857-13	+328848-13	+328033-13	+278139-13
+911263-15	+396878-30	+000000+00	+000000+00
+328860-13	+328851-13	+328037-13	+278142-13
+911269-15	+396881-30	+000000+00	+000000+00
+328860-13	+328851-13	+328037-13	+278142-13
+911269-15	+396881-30	+000000+00	+000000+00
+328860-13	+328851-13	+328037-13	+278142-13
+911269-15	+396881-30	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	7	+100000+16

+169061-13	+171561-13	+191806-13	+252771-13
+987096-15	+429917-30	+000000+00	+000000+00
+628403-13	+630134-13	+642998-13	+608102-13
+210323-14	+916020-30	+000000+00	+000000+00
+106582-12	+106591-12	+106425-12	+906635-13
+297789-14	+129695-29	+000000+00	+000000+00
+109619-12	+109616-12	+109344-12	+927132-13
+303754-14	+132293-29	+000000+00	+000000+00
+109620-12	+109617-12	+109346-12	+927139-13
+303757-14	+132294-29	+000000+00	+000000+00
+109620-12	+109617-12	+109346-12	+927139-13
+303757-14	+132294-29	+000000+00	+000000+00
+109620-12	+109617-12	+109346-12	+927139-13
+303757-14	+132294-29	+000000+00	+000000+00

GALLIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI	
2	8	+100000+13	
+161010-17	+163392-17	+182672-17	+240734-17
+940091-19	+409444-34	+000000+00	+000000+00
+598479-17	+600128-17	+612379-17	+579145-17
+200308-18	+872400-34	+000000+00	+000000+00
+101507-16	+101516-16	+101357-16	+863462-17
+283609-18	+123519-33	+000000+00	+000000+00
+104399-16	+104396-16	+104138-16	+882982-17
+289290-18	+125993-33	+000000+00	+000000+00
+104400-16	+104397-16	+104139-16	+882990-17
+289292-18	+125994-33	+000000+00	+000000+00
+104400-16	+104397-16	+104139-16	+882990-17
+289292-18	+125994-33	+000000+00	+000000+00
+104400-16	+104397-16	+104139-16	+882990-17
+289292-18	+125994-33	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
2	8	+100000+14	
+161010-16	+163392-16	+182672-16	+240734-16
+940091-18	+409444-33	+000000+00	+000000+00
+598479-16	+600128-16	+612379-16	+579145-16
+200308-17	+872400-33	+000000+00	+000000+00
+101507-15	+101516-15	+101357-15	+863462-16
+283609-17	+123519-32	+000000+00	+000000+00
+104399-15	+104396-15	+104138-15	+882982-16
+289290-17	+125993-32	+000000+00	+000000+00
+104400-15	+104397-15	+104139-15	+882990-16
+289292-17	+125994-32	+000000+00	+000000+00
+104400-15	+104397-15	+104139-15	+882990-16
+289292-17	+125994-32	+000000+00	+000000+00
+104400-15	+104397-15	+104139-15	+882990-16
+289292-17	+125994-32	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
2	8	+300000+14	
+483030-16	+490175-16	+548016-16	+722203-16
+282027-17	+122833-32	+000000+00	+000000+00
+179544-15	+180038-15	+183714-15	+173743-15
+600924-17	+261720-32	+000000+00	+000000+00
+304521-15	+304547-15	+304071-15	+259038-15
+850827-17	+370557-32	+000000+00	+000000+00
+313197-15	+313188-15	+312413-15	+264895-15
+867869-17	+377979-32	+000000+00	+000000+00
+313200-15	+313192-15	+312416-15	+264897-15
+867876-17	+377982-32	+000000+00	+000000+00
+313200-15	+313192-15	+312416-15	+264897-15
+867876-17	+377982-32	+000000+00	+000000+00
+313200-15	+313192-15	+312416-15	+264897-15
+867876-17	+377982-32	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
2	8	+100000+15	
+161010-15	+163392-15	+182672-15	+240734-15
+940091-17	+409444-32	+000000+00	+000000+00
+598479-15	+600128-15	+612379-15	+579145-15
+200308-16	+872400-32	+000000+00	+000000+00
+101507-14	+101516-14	+101357-14	+863462-15
+283609-16	+123519-31	+000000+00	+000000+00
+104399-14	+104396-14	+104138-14	+882982-15
+289290-16	+125993-31	+000000+00	+000000+00
+104400-14	+104397-14	+104139-14	+882990-15
+289292-16	+125994-31	+000000+00	+000000+00
+104400-14	+104397-14	+104139-14	+882990-15
+289292-16	+125994-31	+000000+00	+000000+00
+104400-14	+104397-14	+104139-14	+882990-15
+289292-16	+125994-31	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
2	8	+300000+15	
+483030-15	+490175-15	+548016-15	+722203-15
+282027-16	+122833-31	+000000+00	+000000+00
+179544-14	+180038-14	+183714-14	+173743-14
+600924-16	+261720-31	+000000+00	+000000+00
+304521-14	+304547-14	+304071-14	+259039-14
+850827-16	+370557-31	+000000+00	+000000+00
+313197-14	+313188-14	+312413-14	+264895-14
+867869-16	+377979-31	+000000+00	+000000+00
+313200-14	+313192-14	+312416-14	+264897-14
+867876-16	+377982-31	+000000+00	+000000+00
+313200-14	+313192-14	+312416-14	+264897-14
+867876-16	+377982-31	+000000+00	+000000+00
+313200-14	+313192-14	+312416-14	+264897-14
+867876-16	+377982-31	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
2	8	+100000+16	
+161010-14	+163392-14	+182672-14	+240734-14
+940091-16	+409444-31	+000000+00	+000000+00
+598479-14	+600128-14	+612379-14	+579145-14
+200308-15	+872400-31	+000000+00	+000000+00
+101507-13	+101516-13	+101357-13	+863462-14
+283609-15	+123519-30	+000000+00	+000000+00
+104399-13	+104396-13	+104138-13	+882982-14
+289290-15	+125993-30	+000000+00	+000000+00
+104400-13	+104397-13	+104139-13	+882990-14
+289292-15	+125994-30	+000000+00	+000000+00
+104400-13	+104397-13	+104139-13	+882990-14
+289292-15	+125994-30	+000000+00	+000000+00
+104400-13	+104397-13	+104139-13	+882990-14
+289292-15	+125994-30	+000000+00	+000000+00

GALLIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
2	9	+100000+13

+898973-17	+912269-17	+101992-16	+134410-16
+524884-18	+228606-33	+000000+00	+000000+00
+334151-16	+335071-16	+341911-16	+323356-16
+111839-17	+487090-33	+000000+00	+000000+00
+566748-16	+566796-16	+565911-16	+482099-16
+158348-17	+689648-33	+000000+00	+000000+00
+582894-16	+582878-16	+581434-16	+492999-16
+161520-17	+703461-33	+000000+00	+000000+00
+582900-16	+582885-16	+581440-16	+493003-16
+161521-17	+703467-33	+000000+00	+000000+00
+582900-16	+582885-16	+581440-16	+493003-16
+161521-17	+703467-33	+000000+00	+000000+00
+582900-16	+582885-16	+581440-16	+493003-16
+161521-17	+703467-33	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	9	+100000+14

+898973-16	+912269-16	+101992-15	+134410-15
+524884-17	+228606-32	+000000+00	+000000+00
+334151-15	+335071-15	+341911-15	+323356-15
+111839-16	+487090-32	+000000+00	+000000+00
+566748-15	+566796-15	+565911-15	+482099-15
+158348-16	+689648-32	+000000+00	+000000+00
+582894-15	+582878-15	+581434-15	+492998-15
+161520-16	+703461-32	+000000+00	+000000+00
+582900-15	+582885-15	+581440-15	+493003-15
+161521-16	+703467-32	+000000+00	+000000+00
+582900-15	+582885-15	+581440-15	+493003-15
+161521-16	+703467-32	+000000+00	+000000+00
+582900-15	+582885-15	+581440-15	+493003-15
+161521-16	+703467-32	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	9	+300000+14

+269692-15	+273681-15	+305976-15	+403230-15
+157465-16	+685819-32	+000000+00	+000000+00
+100245-14	+100521-14	+102573-14	+970067-15
+335516-16	+146127-31	+000000+00	+000000+00
+170024-14	+170039-14	+169773-14	+144630-14
+475045-16	+206894-31	+000000+00	+000000+00
+174868-14	+174864-14	+174430-14	+147900-14
+484560-16	+211038-31	+000000+00	+000000+00
+174870-14	+174865-14	+174432-14	+147901-14
+484564-16	+211040-31	+000000+00	+000000+00
+174870-14	+174865-14	+174432-14	+147901-14
+484564-16	+211040-31	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	9	+100000+15

+898973-15	+912269-15	+101992-14	+134410-14
+524884-16	+228606-31	+000000+00	+000000+00
+334151-14	+335071-14	+341911-14	+323356-14
+111839-15	+487090-31	+000000+00	+000000+00
+566748-14	+566796-14	+565911-14	+482099-14
+158348-15	+689648-31	+000000+00	+000000+00
+582894-14	+582878-14	+581434-14	+492999-14
+161520-15	+703461-31	+000000+00	+000000+00
+582900-14	+582885-14	+581440-14	+493003-14
+161521-15	+703467-31	+000000+00	+000000+00
+582900-14	+582885-14	+581440-14	+493003-14
+161521-15	+703467-31	+000000+00	+000000+00
+582900-14	+582885-14	+581440-14	+493003-14
+161521-15	+703467-31	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	9	+300000+15

+269692-14	+273681-14	+305976-14	+403230-14
+157465-15	+685819-31	+000000+00	+000000+00
+100245-13	+100521-13	+102573-13	+970067-14
+335516-15	+146127-30	+000000+00	+000000+00
+170024-13	+170039-13	+169773-13	+144630-13
+475045-15	+206894-30	+000000+00	+000000+00
+174868-13	+174864-13	+174430-13	+147900-13
+484560-15	+211038-30	+000000+00	+000000+00
+174870-13	+174865-13	+174432-13	+147901-13
+484564-15	+211040-30	+000000+00	+000000+00
+174870-13	+174865-13	+174432-13	+147901-13
+484564-15	+211040-30	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
2	9	+100000+16

+898973-14	+912269-14	+101992-13	+134410-13
+524884-16	+228606-30	+000000+00	+000000+00
+334151-13	+335071-13	+341911-13	+323356-13
+111839-14	+487090-30	+000000+00	+000000+00
+566748-13	+566796-13	+565911-13	+482099-13
+158348-14	+689648-30	+000000+00	+000000+00
+582894-13	+582878-13	+581434-13	+492999-13
+161520-14	+703461-30	+000000+00	+000000+00
+582900-13	+582885-13	+581440-13	+493003-13
+161521-14	+703467-30	+000000+00	+000000+00
+582900-13	+582885-13	+581440-13	+493003-13
+161521-14	+703467-30	+000000+00	+000000+00
+582900-13	+582885-13	+581440-13	+493003-13
+161521-14	+703467-30	+000000+00	+000000+00

GERMANIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
3	1	+100000+13

+326014-08	+314169-08	+250678-08	+161016-08
+140050-08	+140070-08	+140070-08	+140070-08
+631014-08	+618761-08	+551884-08	+445642-08
+420168-08	+420210-08	+420210-08	+420210-08
+161171-07	+159945-07	+153245-07	+142575-07
+140064-07	+140070-07	+140070-07	+140070-07
+441305-07	+440078-07	+433379-07	+422711-07
+420204-07	+420210-07	+420210-07	+420210-07
+142179-06	+142057-06	+141387-06	+140320-06
+140069-06	+140070-06	+140070-06	+140070-06
+422317-06	+422195-06	+421525-06	+420458-06
+420207-06	+420208-06	+420208-06	+420208-06
+140279-05	+140266-05	+140199-05	+140093-05
+140068-05	+140068-05	+140068-05	+140068-05

ELEMENT	FUNCTION	PHI
3	1	+100000+14

+326014-07	+314169-07	+250678-07	+161016-07
+140050-07	+140070-07	+140070-07	+140070-07
+631014-07	+618761-07	+551883-07	+445642-07
+420167-07	+420210-07	+420210-07	+420210-07
+161171-06	+159944-06	+153245-06	+142575-06
+140064-06	+140070-06	+140070-06	+140070-06
+441303-06	+440076-06	+433377-06	+422709-06
+420202-06	+420208-06	+420208-06	+420208-06
+142177-05	+142055-05	+141385-05	+140318-05
+140067-05	+140068-05	+140068-05	+140068-05
+422298-05	+422176-05	+421506-05	+420439-05
+420188-05	+420189-05	+420189-05	+420189-05
+140257-04	+140245-04	+140178-04	+140072-04
+140046-04	+140047-04	+140047-04	+140047-04

ELEMENT	FUNCTION	PHI
3	1	+300000+14

+978041-07	+942506-07	+752033-07	+483049-07
+420150-07	+420210-07	+420210-07	+420210-07
+189304-06	+185628-06	+165565-06	+133692-06
+126050-06	+126063-06	+126063-06	+126063-06
+483512-06	+479832-06	+459734-06	+427723-06
+420190-06	+420208-06	+420208-06	+420208-06
+132390-05	+132022-05	+130012-05	+126811-05
+126059-05	+126061-05	+126061-05	+126061-05
+426517-05	+426149-05	+424140-05	+420939-05
+420187-05	+420189-05	+420189-05	+420189-05
+126677-04	+126640-04	+126439-04	+126119-04
+126044-04	+126044-04	+126044-04	+126044-04
+420631-04	+420594-04	+420393-04	+420073-04
+419998-04	+419998-04	+419998-04	+419998-04

ELEMENT	FUNCTION	PHI
3	1	+100000+15

+326014-06	+314168-06	+250678-06	+161016-06
+140050-06	+140070-06	+140070-06	+140070-06
+631012-06	+618759-06	+551881-06	+445640-06
+420165-06	+420208-06	+420208-06	+420208-06
+161169-05	+159942-05	+153243-05	+142573-05
+140062-05	+140068-05	+140068-05	+140068-05
+441284-05	+440057-05	+433358-05	+422690-05
+420183-05	+420189-05	+420189-05	+420189-05
+142156-04	+142033-04	+141363-04	+140297-04
+140046-04	+140046-04	+140046-04	+140046-04
+422108-04	+421985-04	+421316-04	+420248-04
+419998-04	+419998-04	+419998-04	+419998-04
+140045-03	+140033-03	+139966-03	+139859-03
+139834-03	+139834-03	+139834-03	+139834-03

ELEMENT	FUNCTION	PHI
3	1	+300000+15

+978040-06	+942504-06	+752032-06	+483047-06
+420148-06	+420208-06	+420208-06	+420208-06
+189302-05	+185626-05	+165563-05	+133691-05
+126048-05	+126061-05	+126061-05	+126061-05
+483493-05	+479813-05	+459715-05	+427704-05
+420171-05	+420189-05	+420189-05	+420189-05
+132373-04	+132005-04	+129995-04	+126794-04
+126042-04	+126044-04	+126044-04	+126044-04
+426327-04	+425959-04	+423949-04	+420749-04
+419997-04	+419998-04	+419998-04	+419998-04
+126505-03	+126168-03	+126267-03	+125847-03
+125872-03	+125872-03	+125872-03	+125872-03
+418713-03	+418676-03	+418475-03	+418155-03
+418080-03	+418080-03	+418080-03	+418080-03

ELEMENT	FUNCTION	PHI
3	1	+100000+16

+326012-05	+314166-05	+250676-05	+161014-05
+140048-05	+140068-05	+140068-05	+140068-05
+630993-05	+618740-05	+551862-05	+445621-05
+420146-05	+420189-05	+420189-05	+420189-05
+161148-04	+159921-04	+153222-04	+142551-04
+140041-04	+140047-04	+140047-04	+140047-04
+441094-04	+439867-04	+433168-04	+422499-04
+419992-04	+419998-04	+419998-04	+419998-04
+141944-03	+141821-03	+141151-03	+140085-03
+139834-03	+139834-03	+139834-03	+139834-03
+420190-03	+420067-03	+419397-03	+418330-03
+418080-03	+418080-03	+418080-03	+418080-03
+137891-02	+137878-02	+137811-02	+137705-02
+137680-02	+137680-02	+137680-02	+137680-02

GERMANIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
3	2	+100000+13	
+340992-23	+303222-23	+116390-23	+934623-25
+520926-31	+000000+00	+000000+00	+000000+00
+352225-23	+314277-23	+125962-23	+116141-24
+647332-31	+000000+00	+000000+00	+000000+00
+352703-23	+314747-23	+126369-23	+117104-24
+652704-31	+000000+00	+000000+00	+000000+00
+352703-23	+314747-23	+126369-23	+117104-24
+652704-31	+000000+00	+000000+00	+000000+00
+352703-23	+314747-23	+126369-23	+117104-24
+652704-31	+000000+00	+000000+00	+000000+00
+352703-23	+314747-23	+126369-23	+117104-24
+652704-31	+000000+00	+000000+00	+000000+00
+352703-23	+314747-23	+126369-23	+117104-24
+652704-31	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
3	2	+100000+14	
+340992-22	+303222-22	+116390-22	+934623-24
+520926-30	+000000+00	+000000+00	+000000+00
+352225-22	+314277-22	+125962-22	+116141-23
+647332-30	+000000+00	+000000+00	+000000+00
+352703-22	+314747-22	+126369-22	+117104-23
+652704-30	+000000+00	+000000+00	+000000+00
+352703-22	+314747-22	+126369-22	+117104-23
+652704-30	+000000+00	+000000+00	+000000+00
+352703-22	+314747-22	+126369-22	+117104-23
+652704-30	+000000+00	+000000+00	+000000+00
+352703-22	+314747-22	+126369-22	+117104-23
+652704-30	+000000+00	+000000+00	+000000+00
+352703-22	+314747-22	+126369-22	+117104-23
+652704-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
3	2	+300000+14	
+102298-21	+909667-22	+349171-22	+280387-23
+156278-29	+000000+00	+000000+00	+000000+00
+105668-21	+942832-22	+377887-22	+348422-23
+194200-29	+000000+00	+000000+00	+000000+00
+105811-21	+944241-22	+379107-22	+351313-23
+195811-29	+000000+00	+000000+00	+000000+00
+105811-21	+944241-22	+379107-22	+351313-23
+195811-29	+000000+00	+000000+00	+000000+00
+105811-21	+944241-22	+379107-22	+351313-23
+195811-29	+000000+00	+000000+00	+000000+00
+105811-21	+944241-22	+379107-22	+351313-23
+195811-29	+000000+00	+000000+00	+000000+00
+105811-21	+944241-22	+379107-22	+351313-23
+195811-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
3	2	+100000+15	
+340992-21	+303222-21	+116390-21	+934623-23
+520926-29	+000000+00	+000000+00	+000000+00
+352225-21	+314277-21	+125962-21	+116141-22
+647332-29	+000000+00	+000000+00	+000000+00
+352703-21	+314747-21	+126369-21	+117104-22
+652704-29	+000000+00	+000000+00	+000000+00
+352703-21	+314747-21	+126369-21	+117104-22
+652704-29	+000000+00	+000000+00	+000000+00
+352703-21	+314747-21	+126369-21	+117104-22
+652704-29	+000000+00	+000000+00	+000000+00
+352703-21	+314747-21	+126369-21	+117104-22
+652704-29	+000000+00	+000000+00	+000000+00
+352703-21	+314747-21	+126369-21	+117104-22
+652704-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
3	2	+300000+15	
+102298-20	+909667-21	+349171-21	+280387-22
+156278-28	+000000+00	+000000+00	+000000+00
+105668-20	+942832-21	+377887-21	+348422-22
+194200-28	+000000+00	+000000+00	+000000+00
+105811-20	+944241-21	+379107-21	+351313-22
+195811-28	+000000+00	+000000+00	+000000+00
+105811-20	+944241-21	+379107-21	+351313-22
+195811-28	+000000+00	+000000+00	+000000+00
+105811-20	+944241-21	+379107-21	+351313-22
+195811-28	+000000+00	+000000+00	+000000+00
+105811-20	+944241-21	+379107-21	+351313-22
+195811-28	+000000+00	+000000+00	+000000+00
+105811-20	+944241-21	+379107-21	+351313-22
+195811-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
3	2	+100000+16	
+340992-20	+303222-20	+116390-20	+934623-22
+520926-28	+000000+00	+000000+00	+000000+00
+352225-20	+314277-20	+125962-20	+116141-21
+647332-28	+000000+00	+000000+00	+000000+00
+352703-20	+314747-20	+126369-20	+117104-21
+652704-28	+000000+00	+000000+00	+000000+00
+352703-20	+314747-20	+126369-20	+117104-21
+652704-28	+000000+00	+000000+00	+000000+00
+352703-20	+314747-20	+126369-20	+117104-21
+652704-28	+000000+00	+000000+00	+000000+00
+352703-20	+314747-20	+126369-20	+117104-21
+652704-28	+000000+00	+000000+00	+000000+00
+352703-20	+314747-20	+126369-20	+117104-21
+652704-28	+000000+00	+000000+00	+000000+00

GERMANIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
3	3	+100000+13	
+250144-26	+245486-26	+209543-26	+493027-27
+274808-33	+000000+00	+000000+00	+000000+00
+309401-26	+303802-26	+260039-26	+612664-27
+341493-33	+000000+00	+000000+00	+000000+00
+311919-26	+306280-26	+262184-26	+617748-27
+344326-33	+000000+00	+000000+00	+000000+00
+311919-26	+306280-26	+262184-26	+617748-27
+344326-33	+000000+00	+000000+00	+000000+00
+311919-26	+306280-26	+262184-26	+617748-27
+344326-33	+000000+00	+000000+00	+000000+00
+311919-26	+306280-26	+262184-26	+617748-27
+344326-33	+000000+00	+000000+00	+000000+00
+311919-26	+306280-26	+262184-26	+617748-27
+344326-33	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
3	3	+100000+14	
+250144-25	+245486-25	+209543-25	+493027-26
+274808-32	+000000+00	+000000+00	+000000+00
+309401-25	+303802-25	+260039-25	+612664-26
+341493-32	+000000+00	+000000+00	+000000+00
+311919-25	+306280-25	+262184-25	+617748-26
+344326-32	+000000+00	+000000+00	+000000+00
+311919-25	+306280-25	+262184-25	+617748-26
+344326-32	+000000+00	+000000+00	+000000+00
+311919-25	+306280-25	+262184-25	+617748-26
+344326-32	+000000+00	+000000+00	+000000+00
+311919-25	+306280-25	+262184-25	+617748-26
+344326-32	+000000+00	+000000+00	+000000+00
+311919-25	+306280-25	+262184-25	+617748-26
+344326-32	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
3	3	+300000+14	
+750433-25	+736458-25	+628630-25	+147908-25
+824424-32	+000000+00	+000000+00	+000000+00
+928203-25	+911407-25	+780116-25	+183799-25
+102448-31	+000000+00	+000000+00	+000000+00
+935757-25	+918841-25	+786553-25	+185324-25
+103298-31	+000000+00	+000000+00	+000000+00
+935757-25	+918841-25	+786553-25	+185324-25
+103298-31	+000000+00	+000000+00	+000000+00
+935757-25	+918841-25	+786553-25	+185324-25
+103298-31	+000000+00	+000000+00	+000000+00
+935757-25	+918841-25	+786553-25	+185324-25
+103298-31	+000000+00	+000000+00	+000000+00
+935757-25	+918841-25	+786553-25	+185324-25
+103298-31	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
3	3	+100000+15	
+250144-24	+245486-24	+209543-24	+493027-25
+274808-31	+000000+00	+000000+00	+000000+00
+309401-24	+303802-24	+260039-24	+612664-25
+341493-31	+000000+00	+000000+00	+000000+00
+311919-24	+306280-24	+262184-24	+617748-25
+344326-31	+000000+00	+000000+00	+000000+00
+311919-24	+306280-24	+262184-24	+617748-25
+344326-31	+000000+00	+000000+00	+000000+00
+311919-24	+306280-24	+262184-24	+617748-25
+344326-31	+000000+00	+000000+00	+000000+00
+311919-24	+306280-24	+262184-24	+617748-25
+344326-31	+000000+00	+000000+00	+000000+00
+311919-24	+306280-24	+262184-24	+617748-25
+344326-31	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
3	3	+300000+15	
+750433-24	+736458-24	+628630-24	+147908-24
+824424-31	+000000+00	+000000+00	+000000+00
+928203-24	+911407-24	+780116-24	+183799-24
+102448-30	+000000+00	+000000+00	+000000+00
+935757-24	+918841-24	+786553-24	+185324-24
+103298-30	+000000+00	+000000+00	+000000+00
+935757-24	+918841-24	+786553-24	+185324-24
+103298-30	+000000+00	+000000+00	+000000+00
+935757-24	+918841-24	+786553-24	+185324-24
+103298-30	+000000+00	+000000+00	+000000+00
+935757-24	+918841-24	+786553-24	+185324-24
+103298-30	+000000+00	+000000+00	+000000+00
+935757-24	+918841-24	+786553-24	+185324-24
+103298-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
3	3	+100000+16	
+250144-23	+245486-23	+209543-23	+493027-24
+274808-30	+000000+00	+000000+00	+000000+00
+309401-23	+303802-23	+260039-23	+612664-24
+341493-30	+000000+00	+000000+00	+000000+00
+311919-23	+306280-23	+262184-23	+617748-24
+344326-30	+000000+00	+000000+00	+000000+00
+311919-23	+306280-23	+262184-23	+617748-24
+344326-30	+000000+00	+000000+00	+000000+00
+311919-23	+306280-23	+262184-23	+617748-24
+344326-30	+000000+00	+000000+00	+000000+00
+311919-23	+306280-23	+262184-23	+617748-24
+344326-30	+000000+00	+000000+00	+000000+00
+311919-23	+306280-23	+262184-23	+617748-24
+344326-30	+000000+00	+000000+00	+000000+00

GERMANIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
3	4	+100000+13

+920584-26	+847316-26	+468857-26	+781095-27
+435370-33	+000000+00	+000000+00	+000000+00
+101446-25	+939705-26	+548855-26	+970632-27
+541017-33	+000000+00	+000000+00	+000000+00
+101845-25	+943631-26	+552254-26	+978687-27
+545506-33	+000000+00	+000000+00	+000000+00
+101845-25	+943631-26	+552254-26	+978687-27
+545506-33	+000000+00	+000000+00	+000000+00
+101845-25	+943631-26	+552254-26	+978687-27
+545506-33	+000000+00	+000000+00	+000000+00
+101845-25	+943631-26	+552254-26	+978687-27
+545506-33	+000000+00	+000000+00	+000000+00
+101845-25	+943631-26	+552254-26	+978687-27
+545506-33	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
3	4	+100000+14

+920584-25	+847316-25	+468857-25	+781095-26
+435370-32	+000000+00	+000000+00	+000000+00
+101446-24	+939705-25	+548855-25	+970632-26
+541017-32	+000000+00	+000000+00	+000000+00
+101845-24	+943631-25	+552254-25	+978687-26
+545506-32	+000000+00	+000000+00	+000000+00
+101845-24	+943631-25	+552254-25	+978687-26
+545506-32	+000000+00	+000000+00	+000000+00
+101845-24	+943631-25	+552254-25	+978687-26
+545506-32	+000000+00	+000000+00	+000000+00
+101845-24	+943631-25	+552254-25	+978687-26
+545506-32	+000000+00	+000000+00	+000000+00
+101845-24	+943631-25	+552254-25	+978687-26
+545506-32	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
3	4	+300000+14

+276175-24	+254195-24	+140657-24	+234328-25
+130611-31	+000000+00	+000000+00	+000000+00
+304339-24	+281911-24	+164656-24	+291190-25
+162306-31	+000000+00	+000000+00	+000000+00
+305536-24	+283089-24	+165676-24	+293606-25
+163662-31	+000000+00	+000000+00	+000000+00
+305536-24	+283089-24	+165676-24	+293606-25
+163662-31	+000000+00	+000000+00	+000000+00
+305536-24	+283089-24	+165676-24	+293606-25
+163662-31	+000000+00	+000000+00	+000000+00
+305536-24	+283089-24	+165676-24	+293606-25
+163662-31	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
3	4	+100000+15

+920584-24	+847316-24	+468857-24	+781095-25
+435370-31	+000000+00	+000000+00	+000000+00
+101446-23	+939705-24	+548855-24	+970632-25
+541017-31	+000000+00	+000000+00	+000000+00
+101845-23	+943631-24	+552254-24	+978687-25
+545506-31	+000000+00	+000000+00	+000000+00
+101845-23	+943631-24	+552254-24	+978687-25
+545506-31	+000000+00	+000000+00	+000000+00
+101845-23	+943631-24	+552254-24	+978687-25
+545506-31	+000000+00	+000000+00	+000000+00
+101845-23	+943631-24	+552254-24	+978687-25
+545506-31	+000000+00	+000000+00	+000000+00
+101845-23	+943631-24	+552254-24	+978687-25
+545506-31	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
3	4	+300000+15

+276175-23	+254195-23	+140657-23	+234328-24
+130611-30	+000000+00	+000000+00	+000000+00
+304339-23	+281911-23	+164656-23	+291190-24
+162306-30	+000000+00	+000000+00	+000000+00
+305536-23	+283089-23	+165676-23	+293606-24
+163662-30	+000000+00	+000000+00	+000000+00
+305536-23	+283089-23	+165676-23	+293606-24
+163662-30	+000000+00	+000000+00	+000000+00
+305536-23	+283089-23	+165676-23	+293606-24
+163662-30	+000000+00	+000000+00	+000000+00
+305536-23	+283089-23	+165676-23	+293606-24
+163662-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
3	4	+100000+16

+920584-23	+847316-23	+468857-23	+781095-24
+435370-30	+000000+00	+000000+00	+000000+00
+101446-22	+939705-23	+548855-23	+970632-24
+541017-30	+000000+00	+000000+00	+000000+00
+101845-22	+943631-23	+552254-23	+978687-24
+545506-30	+000000+00	+000000+00	+000000+00
+101845-22	+943631-23	+552254-23	+978687-24
+545506-30	+000000+00	+000000+00	+000000+00
+101845-22	+943631-23	+552254-23	+978687-24
+545506-30	+000000+00	+000000+00	+000000+00
+101845-22	+943631-23	+552254-23	+978687-24
+545506-30	+000000+00	+000000+00	+000000+00
+101845-22	+943631-23	+552254-23	+978687-24
+545506-30	+000000+00	+000000+00	+000000+00

GERMANIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
3	5	+100000+13

+106156-32	+106925-32	+112666-32	+126229-32
+127239-32	+127258-32	+127258-32	+127258-32
+359211-32	+360000-32	+365896-32	+380022-32
+381733-32	+381773-32	+381773-32	+381773-32
+124917-31	+124996-31	+125589-31	+127025-31
+127252-31	+127257-31	+127257-31	+127257-31
+379423-31	+379502-31	+380096-31	+381533-31
+381763-31	+381769-31	+381769-31	+381769-31
+127018-30	+127026-30	+127085-30	+127229-30
+127252-30	+127253-30	+127253-30	+127253-30
+381492-30	+381500-30	+381559-30	+381703-30
+381726-30	+381726-30	+381726-30	+381726-30
+127182-29	+127183-29	+127189-29	+127203-29
+127205-29	+127205-29	+127205-29	+127205-29

ELEMENT	FUNCTION	PHI
3	5	+100000+14

+106156-31	+106925-31	+112666-31	+126229-31
+127239-31	+127257-31	+127257-31	+127257-31
+359208-31	+359996-31	+365893-31	+380019-31
+381729-31	+381769-31	+381769-31	+381769-31
+124913-30	+124992-30	+125584-30	+127021-30
+127247-30	+127253-30	+127253-30	+127253-30
+379381-30	+379460-30	+380053-30	+381491-30
+381721-30	+381727-30	+381727-30	+381727-30
+126971-29	+126979-29	+127038-29	+127182-29
+127206-29	+127206-29	+127206-29	+127206-29
+381068-29	+381076-29	+381136-29	+381279-29
+381302-29	+381303-29	+381303-29	+381303-29
+126713-28	+126714-28	+126720-28	+126734-28
+126736-28	+126736-28	+126736-28	+126736-28

ELEMENT	FUNCTION	PHI
3	5	+300000+14

+318467-31	+320772-31	+337996-31	+378684-31
+381714-31	+381770-31	+381770-31	+381770-31
+107760-30	+107996-30	+109765-30	+114003-30
+114516-30	+114628-30	+114628-30	+114628-30
+374708-30	+374945-30	+376723-30	+381032-30
+381711-30	+381728-30	+381728-30	+381728-30
+113786-29	+113810-29	+113988-29	+114419-29
+114489-29	+114490-29	+114490-29	+114490-29
+380601-29	+380624-29	+380802-29	+381234-29
+381303-29	+381304-29	+381304-29	+381304-29
+114039-28	+114042-28	+114060-28	+114103-28
+114110-28	+114110-28	+114110-28	+114110-28
+377051-28	+377053-28	+377071-28	+377114-28
+377121-28	+377121-28	+377121-28	+377121-28

ELEMENT	FUNCTION	PHI
3	5	+100000+15

+106153-30	+106922-30	+112663-30	+126226-30
+127236-30	+127255-30	+127255-30	+127255-30
+359172-30	+359960-30	+365857-30	+379983-30
+381693-30	+381733-30	+381733-30	+381733-30
+124868-29	+124947-29	+125539-29	+126976-29
+127202-29	+127208-29	+127208-29	+127208-29
+378963-29	+379043-29	+379635-29	+381074-29
+381304-29	+381309-29	+381309-29	+381309-29
+126504-28	+126512-28	+126571-28	+126715-28
+126738-28	+126738-28	+126738-28	+126738-28
+376891-28	+376899-26	+376959-28	+377102-28
+377126-28	+377126-28	+377126-28	+377126-28
+122222-27	+122223-27	+122229-27	+122243-27
+122246-27	+122246-27	+122246-27	+122246-27

ELEMENT	FUNCTION	PHI
3	5	+300000+15

+318440-30	+320745-30	+337970-30	+378658-30
+381688-30	+381744-30	+381744-30	+381744-30
+107727-29	+107964-29	+109733-29	+113971-29
+114484-29	+114496-29	+114496-29	+114496-29
+374303-29	+374541-29	+376318-29	+380628-29
+381307-29	+381324-29	+381324-29	+381324-29
+113412-28	+113436-28	+113613-28	+114045-28
+114114-28	+114116-28	+114116-28	+114116-28
+376436-28	+376460-28	+376638-28	+377069-28
+377138-28	+377140-28	+377140-28	+377140-28
+110388-27	+110390-27	+110408-27	+110451-27
+110468-27	+110468-27	+110468-27	+110468-27
+340283-27	+340285-27	+340303-27	+340346-27
+340363-27	+340363-27	+340363-27	+340363-27

ELEMENT	FUNCTION	PHI
3	5	+100000+16

+106124-29	+106892-29	+112634-29	+126196-29
+127206-29	+127225-29	+127225-29	+127225-29
+358811-29	+359600-29	+365496-29	+379622-29
+381333-29	+381373-29	+381373-29	+381373-29
+124420-28	+124499-28	+125091-28	+126528-28
+126754-28	+126760-28	+126760-28	+126760-28
+374843-28	+374922-28	+375515-28	+376953-28
+377183-28	+377189-28	+377189-28	+377189-28
+122031-27	+122039-27	+122098-27	+122242-27
+122265-27	+122266-27	+122266-27	+122266-27
+340160-27	+340168-27	+340227-27	+340371-27
+340394-27	+340394-27	+340394-27	+340394-27
+920464-27	+920472-27	+920531-27	+920675-27
+920698-27	+920699-27	+920699-27	+920699-27

GERMANIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI	
3	6	+100000+13	
+171273-13	+168554-13	+145949-13	+345794-14
+192742-20	+000000+00	+000000+00	+000000+00
+212834-13	+209456-13	+181365-13	+429704-14
+239513-20	+000000+00	+000000+00	+000000+00
+214600-13	+211194-13	+182870-13	+433270-14
+241500-20	+000000+00	+000000+00	+000000+00
+214600-13	+211194-13	+182870-13	+433270-14
+241500-20	+000000+00	+000000+00	+000000+00
+214600-13	+211194-13	+182870-13	+433270-14
+241500-20	+000000+00	+000000+00	+000000+00
+214600-13	+211194-13	+182870-13	+433270-14
+241500-20	+000000+00	+000000+00	+000000+00
+214600-13	+211194-13	+182870-13	+433270-14
+241500-20	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
3	6	+100000+14	
+171273-12	+168554-12	+145949-12	+345794-13
+192742-19	+000000+00	+000000+00	+000000+00
+212834-12	+209456-12	+181365-12	+429704-13
+239513-19	+000000+00	+000000+00	+000000+00
+214600-12	+211194-12	+182870-12	+433270-13
+241500-19	+000000+00	+000000+00	+000000+00
+214600-12	+211194-12	+182870-12	+433270-13
+241500-19	+000000+00	+000000+00	+000000+00
+214600-12	+211194-12	+182870-12	+433270-13
+241500-19	+000000+00	+000000+00	+000000+00
+214600-12	+211194-12	+182870-12	+433270-13
+241500-19	+000000+00	+000000+00	+000000+00
+214600-12	+211194-12	+182870-12	+433270-13
+241500-19	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
3	6	+300000+14	
+513819-12	+505663-12	+437848-12	+103738-12
+578227-19	+000000+00	+000000+00	+000000+00
+638502-12	+628367-12	+544095-12	+128911-12
+718539-19	+000000+00	+000000+00	+000000+00
+643800-12	+633581-12	+548610-12	+129981-12
+724501-19	+000000+00	+000000+00	+000000+00
+643800-12	+633581-12	+548610-12	+129981-12
+724501-19	+000000+00	+000000+00	+000000+00
+643800-12	+633581-12	+548610-12	+129981-12
+724501-19	+000000+00	+000000+00	+000000+00
+643800-12	+633581-12	+548610-12	+129981-12
+724501-19	+000000+00	+000000+00	+000000+00
+643800-12	+633581-12	+548610-12	+129981-12
+724501-19	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
3	6	+100000+15	
+171273-11	+168554-11	+145949-11	+345794-12
+192742-18	+000000+00	+000000+00	+000000+00
+212834-11	+209456-11	+181365-11	+429704-12
+239513-18	+000000+00	+000000+00	+000000+00
+214600-11	+211194-11	+182870-11	+433270-12
+241500-18	+000000+00	+000000+00	+000000+00
+214600-11	+211194-11	+182870-11	+433270-12
+241500-18	+000000+00	+000000+00	+000000+00
+214600-11	+211194-11	+182870-11	+433270-12
+241500-18	+000000+00	+000000+00	+000000+00
+214600-11	+211194-11	+182870-11	+433270-12
+241500-18	+000000+00	+000000+00	+000000+00
+214600-11	+211194-11	+182870-11	+433270-12
+241500-18	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
3	6	+300000+15	
+513819-11	+505663-11	+437848-11	+103738-11
+578227-18	+000000+00	+000000+00	+000000+00
+638502-11	+628367-11	+544095-11	+128911-11
+718539-18	+000000+00	+000000+00	+000000+00
+643800-11	+633581-11	+548610-11	+129981-11
+724501-18	+000000+00	+000000+00	+000000+00
+643800-11	+633581-11	+548610-11	+129981-11
+724501-18	+000000+00	+000000+00	+000000+00
+643800-11	+633581-11	+548610-11	+129981-11
+724501-18	+000000+00	+000000+00	+000000+00
+643800-11	+633581-11	+548610-11	+129981-11
+724501-18	+000000+00	+000000+00	+000000+00
+643800-11	+633581-11	+548610-11	+129981-11
+724501-18	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
3	6	+100000+16	
+171273-10	+168554-10	+145949-10	+345794-11
+192742-17	+000000+00	+000000+00	+000000+00
+212834-10	+209456-10	+181365-10	+429704-11
+239513-17	+000000+00	+000000+00	+000000+00
+214600-10	+211194-10	+182870-10	+433270-11
+241500-17	+000000+00	+000000+00	+000000+00
+214600-10	+211194-10	+182870-10	+433270-11
+241500-17	+000000+00	+000000+00	+000000+00
+214600-10	+211194-10	+182870-10	+433270-11
+241500-17	+000000+00	+000000+00	+000000+00
+214600-10	+211194-10	+182870-10	+433270-11
+241500-17	+000000+00	+000000+00	+000000+00
+214600-10	+211194-10	+182870-10	+433270-11
+241500-17	+000000+00	+000000+00	+000000+00

GERMANIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
3	7	+100000+13

+178233-13	+174599-13	+147648-13	+345794-14
+192742-20	+000000+00	+000000+00	+000000+00
+219794-13	+215500-13	+183064-13	+429704-14
+239513-20	+000000+00	+000000+00	+000000+00
+221560-13	+217238-13	+184569-13	+433270-14
+241500-20	+000000+00	+000000+00	+000000+00
+221560-13	+217238-13	+184569-13	+433270-14
+241500-20	+000000+00	+000000+00	+000000+00
+221560-13	+217238-13	+184569-13	+433270-14
+241500-20	+000000+00	+000000+00	+000000+00
+221560-13	+217238-13	+184569-13	+433270-14
+241500-20	+000000+00	+000000+00	+000000+00
+221560-13	+217238-13	+184569-13	+433270-14
+241500-20	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
3	7	+100000+14

+178233-12	+174599-12	+147648-12	+345794-13
+192742-19	+000000+00	+000000+00	+000000+00
+219794-12	+215500-12	+183064-12	+429704-13
+239513-19	+000000+00	+000000+00	+000000+00
+221560-12	+217238-12	+184569-12	+433270-13
+241500-19	+000000+00	+000000+00	+000000+00
+221560-12	+217238-12	+184569-12	+433270-13
+241500-19	+000000+00	+000000+00	+000000+00
+221560-12	+217238-12	+184569-12	+433270-13
+241500-19	+000000+00	+000000+00	+000000+00
+221560-12	+217238-12	+184569-12	+433270-13
+241500-19	+000000+00	+000000+00	+000000+00
+221560-12	+217238-12	+184569-12	+433270-13
+241500-19	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
3	7	+300000+14

+534699-12	+523797-12	+442945-12	+103738-12
+578227-19	+000000+00	+000000+00	+000000+00
+659382-12	+646501-12	+549193-12	+128911-12
+718639-19	+000000+00	+000000+00	+000000+00
+664680-12	+651715-12	+553708-12	+129981-12
+724501-19	+000000+00	+000000+00	+000000+00
+664680-12	+651715-12	+553708-12	+129981-12
+724501-19	+000000+00	+000000+00	+000000+00
+664680-12	+651715-12	+553708-12	+129981-12
+724501-19	+000000+00	+000000+00	+000000+00
+664680-12	+651715-12	+553708-12	+129981-12
+724501-19	+000000+00	+000000+00	+000000+00
+664680-12	+651715-12	+553708-12	+129981-12
+724501-19	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
3	7	+100000+15

+178233-11	+174599-11	+147648-11	+345794-12
+192742-18	+000000+00	+000000+00	+000000+00
+219794-11	+215500-11	+183064-11	+429704-12
+239513-18	+000000+00	+000000+00	+000000+00
+221560-11	+217238-11	+184569-11	+433270-12
+241500-18	+000000+00	+000000+00	+000000+00
+221560-11	+217238-11	+184569-11	+433270-12
+241500-18	+000000+00	+000000+00	+000000+00
+221560-11	+217238-11	+184569-11	+433270-12
+241500-18	+000000+00	+000000+00	+000000+00
+221560-11	+217238-11	+184569-11	+433270-12
+241500-18	+000000+00	+000000+00	+000000+00
+221560-11	+217238-11	+184569-11	+433270-12
+241500-18	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
3	7	+300000+15

+534699-11	+523797-11	+442945-11	+103738-11
+578227-18	+000000+00	+000000+00	+000000+00
+659382-11	+646501-11	+549193-11	+128911-11
+718639-18	+000000+00	+000000+00	+000000+00
+664680-11	+651715-11	+553708-11	+129981-11
+724501-18	+000000+00	+000000+00	+000000+00
+664680-11	+651715-11	+553708-11	+129981-11
+724501-18	+000000+00	+000000+00	+000000+00
+664680-11	+651715-11	+553708-11	+129981-11
+724501-18	+000000+00	+000000+00	+000000+00
+664680-11	+651715-11	+553708-11	+129981-11
+724501-18	+000000+00	+000000+00	+000000+00
+664680-11	+651715-11	+553708-11	+129981-11
+724501-18	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
3	7	+100000+16

+178233-10	+174599-10	+147648-10	+345794-11
+192742-17	+000000+00	+000000+00	+000000+00
+219794-10	+215500-10	+183064-10	+429704-11
+239513-17	+000000+00	+000000+00	+000000+00
+221560-10	+217238-10	+184569-10	+433270-11
+241500-17	+000000+00	+000000+00	+000000+00
+221560-10	+217238-10	+184569-10	+433270-11
+241500-17	+000000+00	+000000+00	+000000+00
+221560-10	+217238-10	+184569-10	+433270-11
+241500-17	+000000+00	+000000+00	+000000+00
+221560-10	+217238-10	+184569-10	+433270-11
+241500-17	+000000+00	+000000+00	+000000+00
+221560-10	+217238-10	+184569-10	+433270-11
+241500-17	+000000+00	+000000+00	+000000+00

GERMANIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
3	8	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
3	8	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
3	8	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
3	8	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
3	8	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
3	8	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

GERMANIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
3	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
3	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
3	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
3	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
3	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
3	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ARSENIC

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
4	1	+100000+13

+552052-08	+494789-08	+435670-08	+314763-08
+498612-09	+464000-09	+464000-09	+464000-09
+108939-07	+103034-07	+955236-08	+693590-08
+146033-08	+139200-08	+139200-08	+139200-08
+168796-07	+162757-07	+154072-07	+118576-07
+472763-08	+463999-08	+463999-08	+463999-08
+262478-07	+256435-07	+247711-07	+211913-07
+140082-07	+139199-07	+139199-07	+139199-07
+587269-07	+581226-07	+572503-07	+536704-07
+464873-07	+463991-07	+463991-07	+463991-07
+151519-06	+150915-06	+150043-06	+146467-06
+139280-06	+139191-06	+139191-06	+139191-06
+476233-06	+475629-06	+474756-06	+471176-06
+463993-06	+463906-06	+463906-06	+463906-06

ELEMENT	FUNCTION	PHI
4	1	+100000+14

+552052-07	+494789-07	+435670-07	+314763-07
+498611-08	+463999-08	+463999-08	+463999-08
+108939-06	+103034-06	+955236-07	+693590-07
+146032-07	+139199-07	+139199-07	+139199-07
+168795-06	+162756-06	+154071-06	+118575-06
+472764-07	+463991-07	+463991-07	+463991-07
+262471-06	+256428-06	+247704-06	+211905-06
+140074-06	+139191-06	+139191-06	+139191-06
+587186-06	+581143-06	+572419-06	+536620-06
+464788-06	+463906-06	+463906-06	+463906-06
+151443-05	+150839-05	+149966-05	+146386-05
+139203-06	+139116-06	+139116-06	+139116-06
+475381-05	+474776-05	+473904-05	+470323-05
+463139-06	+463060-06	+463060-06	+463060-06

ELEMENT	FUNCTION	PHI
4	1	+300000+14

+165616-06	+148437-06	+130701-06	+944289-07
+149563-07	+139199-07	+139199-07	+139199-07
+326816-06	+309100-06	+286571-06	+208077-06
+438091-07	+417693-07	+417693-07	+417693-07
+506382-06	+488265-06	+462210-06	+355720-06
+141821-06	+139192-06	+139192-06	+139192-06
+787366-06	+769236-06	+743065-06	+635667-06
+420171-06	+417623-06	+417623-06	+417623-06
+176100-05	+174287-05	+171670-05	+160930-05
+139379-06	+139116-06	+139116-06	+139116-06
+453821-05	+452008-05	+449391-05	+438648-05
+417096-06	+416831-06	+416831-06	+416831-06
+142048-04	+141867-04	+141605-04	+140530-04
+138374-04	+138348-04	+138348-04	+138348-04

ELEMENT	FUNCTION	PHI
4	1	+100000+15

+552052-06	+494789-06	+435670-06	+314763-06
+498604-07	+463992-07	+463992-07	+463992-07
+108938-05	+103033-05	+955232-06	+693584-06
+146026-06	+139192-06	+139192-06	+139192-06
+168789-05	+162750-05	+154065-05	+118568-05
+472670-06	+463906-06	+463906-06	+463906-06
+262401-05	+256358-05	+247634-05	+211832-05
+139997-06	+139116-06	+139116-06	+139116-06
+586356-05	+580313-05	+571587-05	+535777-05
+463934-06	+463061-06	+463061-06	+463061-06
+150683-04	+150079-04	+149206-04	+145623-04
+138436-04	+138348-04	+138348-04	+138348-04
+466972-04	+466367-04	+465493-04	+461902-04
+454706-04	+454618-04	+454618-04	+454618-04

ELEMENT	FUNCTION	PHI
4	1	+300000+15

+165616-05	+148437-05	+130701-05	+944285-06
+149546-06	+139193-06	+139193-06	+139193-06
+326813-05	+309097-05	+286567-05	+208072-05
+438026-06	+417627-06	+417627-06	+417627-06
+506324-05	+488207-05	+462151-05	+355653-05
+141746-06	+139116-06	+139116-06	+139116-06
+786737-05	+768607-05	+742433-05	+635007-05
+419482-06	+416834-06	+416834-06	+416834-06
+175356-04	+173542-04	+170924-04	+160174-04
+138613-04	+138349-04	+138349-04	+138349-04
+447046-04	+445232-04	+442611-04	+431840-04
+410268-04	+409993-04	+409993-04	+409993-04
+134701-03	+134520-03	+134257-03	+133173-03
+131007-03	+130981-03	+130981-03	+130981-03

ELEMENT	FUNCTION	PHI
4	1	+100000+16

+552051-05	+494788-05	+435668-05	+314758-05
+498429-06	+463917-06	+463917-06	+463917-06
+108935-04	+103030-04	+955197-05	+693531-05
+145951-05	+139118-05	+139118-05	+139118-05
+168725-04	+162686-04	+153999-04	+118493-04
+471827-05	+463063-05	+463063-05	+463063-05
+261705-04	+255661-04	+246933-04	+211101-04
+139234-04	+138361-04	+138361-04	+138351-04
+578162-04	+572117-04	+563378-04	+527466-04
+455513-04	+454630-04	+454630-04	+454630-04
+143385-03	+142780-03	+141903-03	+138291-03
+131072-03	+130983-03	+130983-03	+130983-03
+393204-03	+392598-03	+391712-03	+388036-03
+380749-03	+380661-03	+380661-03	+380661-03

ARSENIC

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
4	2	+100000+13

+294517-22	+114134-22	+230311-23	+359836-24
+462646-26	+000000+00	+000000+00	+000000+00
+300477-22	+120070-22	+287524-23	+743268-24
+915946-26	+000000+00	+000000+00	+000000+00
+304147-22	+123722-22	+322470-23	+967632-24
+117483-25	+000000+00	+000000+00	+000000+00
+304265-22	+123840-22	+323595-23	+974837-24
+118312-25	+000000+00	+000000+00	+000000+00
+304265-22	+123840-22	+323596-23	+974839-24
+118312-25	+000000+00	+000000+00	+000000+00
+304265-22	+123840-22	+323597-23	+974843-24
+118313-25	+000000+00	+000000+00	+000000+00
+304265-22	+123841-22	+323600-23	+974862-24
+118313-25	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
4	2	+100000+14

+294517-21	+114134-21	+230311-22	+359837-23
+462646-25	+000000+00	+000000+00	+000000+00
+300477-21	+120070-21	+287524-22	+743268-23
+915946-25	+000000+00	+000000+00	+000000+00
+304147-21	+123722-21	+322470-22	+967634-23
+117483-24	+000000+00	+000000+00	+000000+00
+304265-21	+123840-21	+323597-22	+974843-23
+118313-24	+000000+00	+000000+00	+000000+00
+304265-21	+123841-21	+323600-22	+974861-23
+118313-24	+000000+00	+000000+00	+000000+00
+304266-21	+123842-21	+323610-22	+974911-23
+118314-24	+000000+00	+000000+00	+000000+00
+304270-21	+123845-21	+323643-22	+975085-23
+118316-24	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
4	2	+300000+14

+883549-21	+342403-21	+690934-22	+107951-22
+138794-24	+000000+00	+000000+00	+000000+00
+901430-21	+360211-21	+862572-22	+222981-22
+274784-24	+000000+00	+000000+00	+000000+00
+912440-21	+371167-21	+967412-22	+290291-22
+352448-24	+000000+00	+000000+00	+000000+00
+912796-21	+371521-21	+970798-22	+292457-22
+354938-24	+000000+00	+000000+00	+000000+00
+912799-21	+371525-21	+970828-22	+292473-22
+354941-24	+000000+00	+000000+00	+000000+00
+912808-21	+371534-21	+970914-22	+292518-22
+354947-24	+000000+00	+000000+00	+000000+00
+912841-21	+371566-21	+971213-22	+292674-22
+354970-24	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
4	2	+100000+15

+294517-20	+114134-20	+230312-21	+359837-22
+462646-24	+000000+00	+000000+00	+000000+00
+300477-20	+120070-20	+287525-21	+743272-22
+915947-24	+000000+00	+000000+00	+000000+00
+304147-20	+123723-20	+322474-21	+967653-22
+117483-23	+000000+00	+000000+00	+000000+00
+304266-20	+123841-20	+323609-21	+974907-22
+118313-23	+000000+00	+000000+00	+000000+00
+304270-20	+123845-20	+323642-21	+975082-22
+118316-23	+000000+00	+000000+00	+000000+00
+304280-20	+123855-20	+323737-21	+975576-22
+118323-23	+000000+00	+000000+00	+000000+00
+304315-20	+123890-20	+324063-21	+977276-22
+118349-23	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
4	2	+300000+15

+883550-20	+342403-20	+690935-21	+107952-21
+138794-23	+000000+00	+000000+00	+000000+00
+901430-20	+360211-20	+862579-21	+222984-21
+274784-23	+000000+00	+000000+00	+000000+00
+912444-20	+371171-20	+967445-21	+290309-21
+352451-23	+000000+00	+000000+00	+000000+00
+912808-20	+371533-20	+970909-21	+292515-21
+354947-23	+000000+00	+000000+00	+000000+00
+912840-20	+371565-20	+971208-21	+292671-21
+354970-23	+000000+00	+000000+00	+000000+00
+912930-20	+371655-20	+972048-21	+293109-21
+355035-23	+000000+00	+000000+00	+000000+00
+913229-20	+371952-20	+974831-21	+294559-21
+355249-23	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
4	2	+100000+16

+294517-19	+114134-19	+230313-20	+359843-21
+462647-23	+000000+00	+000000+00	+000000+00
+300477-19	+120071-19	+287532-20	+743310-21
+915953-23	+000000+00	+000000+00	+000000+00
+304151-19	+123727-19	+322510-20	+967845-21
+117486-22	+000000+00	+000000+00	+000000+00
+304279-19	+123855-19	+323731-20	+975544-21
+118323-22	+000000+00	+000000+00	+000000+00
+304315-19	+123889-19	+324057-20	+977244-21
+118348-22	+000000+00	+000000+00	+000000+00
+304409-19	+123984-19	+324939-20	+981841-21
+118416-22	+000000+00	+000000+00	+000000+00
+304686-19	+124258-19	+327514-20	+995262-21
+118615-22	+000000+00	+000000+00	+000000+00

ARSENIC

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
4	3	+100000+13	
+148661-25	+145845-25	+878371-26	+418233-30
+241334-37	+000000+00	+000000+00	+000000+00
+148666-25	+145848-25	+878383-26	+418334-30
+169961-36	+000000+00	+000000+00	+000000+00
+148666-25	+145848-25	+878383-26	+418798-30
+857005-36	+000000+00	+000000+00	+000000+00
+148666-25	+145848-25	+878384-26	+420157-30
+286811-35	+000000+00	+000000+00	+000000+00
+148666-25	+145849-25	+878385-26	+424915-30
+990720-35	+000000+00	+000000+00	+000000+00
+148666-25	+145849-25	+878387-26	+438507-30
+300178-34	+000000+00	+000000+00	+000000+00
+148667-25	+145850-25	+878396-26	+486071-30
+100392-33	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	3	+100000+14	
+148661-24	+145845-24	+878371-25	+418386-29
+250094-35	+000000+00	+000000+00	+000000+00
+148666-24	+145848-24	+878384-25	+419378-29
+171467-34	+000000+00	+000000+00	+000000+00
+148666-24	+145849-24	+878384-25	+424022-29
+858690-34	+000000+00	+000000+00	+000000+00
+148666-24	+145849-24	+878387-25	+437614-29
+286965-33	+000000+00	+000000+00	+000000+00
+148667-24	+145850-24	+878396-25	+485178-29
+990710-33	+000000+00	+000000+00	+000000+00
+148670-24	+145853-24	+878422-25	+621000-29
+300030-32	+000000+00	+000000+00	+000000+00
+148680-24	+145862-24	+878513-25	+109550-28
+100209-31	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	3	+300000+14	
+445984-24	+437534-24	+263511-24	+125620-28
+229032-34	+000000+00	+000000+00	+000000+00
+445997-24	+437545-24	+263515-24	+126513-28
+154998-33	+000000+00	+000000+00	+000000+00
+445998-24	+437546-24	+263516-24	+130694-28
+773659-33	+000000+00	+000000+00	+000000+00
+446000-24	+437549-24	+263518-24	+142924-28
+268316-32	+000000+00	+000000+00	+000000+00
+446009-24	+437557-24	+263527-24	+185710-28
+891366-32	+000000+00	+000000+00	+000000+00
+446034-24	+437582-24	+263550-24	+307750-28
+269704-31	+000000+00	+000000+00	+000000+00
+446122-24	+437669-24	+263631-24	+732537-28
+898208-31	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	3	+100000+15	
+148661-23	+145845-23	+878371-24	+419942-28
+255207-33	+000000+00	+000000+00	+000000+00
+148666-23	+145849-23	+878386-24	+429867-28
+172340-32	+000000+00	+000000+00	+000000+00
+148667-23	+145850-23	+878394-24	+476313-28
+859544-32	+000000+00	+000000+00	+000000+00
+148670-23	+145852-23	+878421-24	+612135-28
+286913-31	+000000+00	+000000+00	+000000+00
+148679-23	+145862-23	+878512-24	+108666-27
+989010-31	+000000+00	+000000+00	+000000+00
+148707-23	+145890-23	+878770-24	+243497-27
+298593-30	+000000+00	+000000+00	+000000+00
+148803-23	+145985-23	+879659-24	+706792-27
+983874-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	3	+300000+15	
+445985-23	+437536-23	+263512-23	+127017-27
+229617-32	+000000+00	+000000+00	+000000+00
+445999-23	+437547-23	+263517-23	+135947-27
+155081-31	+000000+00	+000000+00	+000000+00
+446008-23	+437556-23	+263525-23	+177731-27
+773299-31	+000000+00	+000000+00	+000000+00
+446033-23	+437581-23	+263548-23	+299785-27
+257918-30	+000000+00	+000000+00	+000000+00
+446120-23	+437668-23	+263630-23	+724639-27
+886523-30	+000000+00	+000000+00	+000000+00
+446367-23	+437912-23	+263859-23	+191855-26
+266300-29	+000000+00	+000000+00	+000000+00
+447182-23	+438722-23	+264618-23	+587334-26
+850441-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	3	+100000+16	
+148662-22	+145845-22	+878374-23	+435463-27
+255169-31	+000000+00	+000000+00	+000000+00
+148668-22	+145851-22	+878406-23	+534649-27
+172267-30	+000000+00	+000000+00	+000000+00
+148678-22	+145860-22	+878495-23	+998218-27
+858153-30	+000000+00	+000000+00	+000000+00
+148705-22	+145888-22	+878754-23	+234718-26
+285404-29	+000000+00	+000000+00	+000000+00
+148801-22	+145983-22	+879643-23	+698261-26
+971252-29	+000000+00	+000000+00	+000000+00
+149060-22	+146240-22	+882048-23	+195167-25
+282576-28	+000000+00	+000000+00	+000000+00
+149814-22	+146989-22	+889069-23	+561098-25
+823999-28	+000000+00	+000000+00	+000000+00

ARSENIC

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
4	4	+100000+13	
+259394-24	+104392-24	+214855-25	+497836-27
+638963-29	+000000+00	+000000+00	+000000+00
+260218-24	+105213-24	+222759-25	+102739-26
+126500-28	+000000+00	+000000+00	+000000+00
+260725-24	+105717-24	+227585-25	+133725-26
+162254-28	+000000+00	+000000+00	+000000+00
+260741-24	+105734-24	+227741-25	+134721-26
+163399-28	+000000+00	+000000+00	+000000+00
+260741-24	+105734-24	+227741-25	+134722-26
+163400-28	+000000+00	+000000+00	+000000+00
+260741-24	+105734-24	+227742-25	+134726-26
+163400-28	+000000+00	+000000+00	+000000+00
+260742-24	+105734-24	+227744-25	+134739-26
+163402-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	4	+100000+14	
+259394-23	+104392-23	+214855-24	+497836-26
+638963-28	+000000+00	+000000+00	+000000+00
+260218-23	+105213-23	+222759-24	+102739-25
+126500-27	+000000+00	+000000+00	+000000+00
+260725-23	+105717-23	+227585-24	+133727-25
+162254-27	+000000+00	+000000+00	+000000+00
+260741-23	+105734-23	+227742-24	+134726-25
+163400-27	+000000+00	+000000+00	+000000+00
+260742-23	+105734-23	+227744-24	+134739-25
+163402-27	+000000+00	+000000+00	+000000+00
+260742-23	+105735-23	+227751-24	+134778-25
+163408-27	+000000+00	+000000+00	+000000+00
+260745-23	+105738-23	+227777-24	+134912-25
+163428-27	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	4	+300000+14	
+778182-23	+313177-23	+644564-24	+149351-25
+191686-27	+000000+00	+000000+00	+000000+00
+780654-23	+315639-23	+668276-24	+308219-25
+379500-27	+000000+00	+000000+00	+000000+00
+782175-23	+317152-23	+682758-24	+401191-25
+486763-27	+000000+00	+000000+00	+000000+00
+782225-23	+317202-23	+683231-24	+404210-25
+490206-27	+000000+00	+000000+00	+000000+00
+782227-23	+317204-23	+683254-24	+404331-25
+490224-27	+000000+00	+000000+00	+000000+00
+782234-23	+317211-23	+683320-24	+404676-25
+490276-27	+000000+00	+000000+00	+000000+00
+782259-23	+317236-23	+683550-24	+405877-25
+490452-27	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	4	+100000+15	
+259394-22	+104392-22	+214855-23	+497841-25
+638954-27	+000000+00	+000000+00	+000000+00
+260218-22	+105213-22	+222759-23	+102742-24
+126500-26	+000000+00	+000000+00	+000000+00
+260725-22	+105718-22	+227588-23	+133742-24
+162256-26	+000000+00	+000000+00	+000000+00
+260742-22	+105735-22	+227751-23	+134775-24
+163408-26	+000000+00	+000000+00	+000000+00
+260745-22	+105737-22	+227777-23	+134909-24
+163427-26	+000000+00	+000000+00	+000000+00
+260753-22	+105745-22	+227850-23	+135290-24
+163484-26	+000000+00	+000000+00	+000000+00
+260780-22	+105772-22	+228101-23	+136600-24
+163678-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	4	+300000+15	
+778182-22	+313177-22	+644565-23	+149355-24
+191687-26	+000000+00	+000000+00	+000000+00
+780655-22	+315639-22	+668282-23	+308246-24
+379504-26	+000000+00	+000000+00	+000000+00
+782178-22	+317155-22	+682783-23	+401324-24
+486783-26	+000000+00	+000000+00	+000000+00
+782234-22	+317211-22	+683316-23	+404653-24
+490271-26	+000000+00	+000000+00	+000000+00
+782258-22	+317235-22	+683546-23	+405854-24
+490449-26	+000000+00	+000000+00	+000000+00
+782328-22	+317305-22	+684194-23	+409228-24
+490948-26	+000000+00	+000000+00	+000000+00
+782559-22	+317533-22	+686338-23	+420405-24
+492602-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	4	+100000+16	
+259394-21	+104392-21	+214856-22	+497885-24
+638960-26	+000000+00	+000000+00	+000000+00
+260219-21	+105214-21	+222765-22	+102772-23
+126505-25	+000000+00	+000000+00	+000000+00
+260728-21	+105721-21	+227616-22	+133889-23
+162278-25	+000000+00	+000000+00	+000000+00
+260752-21	+105745-21	+227845-22	+135265-23
+163480-25	+000000+00	+000000+00	+000000+00
+260779-21	+105772-21	+228096-22	+136575-23
+163674-25	+000000+00	+000000+00	+000000+00
+260853-21	+105844-21	+228776-22	+140118-23
+164198-25	+000000+00	+000000+00	+000000+00
+261066-21	+106056-21	+230760-22	+150459-23
+165728-25	+000000+00	+000000+00	+000000+00

ARSENIC

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
4	5	+100000+13

+176748-32	+178522-32	+186946-32	+190240-32
+190240-32	+190240-32	+190240-32	+190240-32
+557228-32	+559002-32	+567426-32	+570720-32
+570720-32	+570720-32	+570720-32	+570720-32
+188890-31	+189068-31	+189910-31	+190240-31
+190240-31	+190240-31	+190240-31	+190240-31
+569367-31	+569545-31	+570387-31	+570717-31
+570717-31	+570717-31	+570717-31	+570717-31
+190101-30	+190119-30	+190203-30	+190236-30
+190236-30	+190236-30	+190236-30	+190236-30
+570550-30	+570568-30	+570652-30	+570685-30
+570685-30	+570685-30	+570685-30	+570685-30
+190188-29	+190189-29	+190198-29	+190201-29
+190201-29	+190201-29	+190201-29	+190201-29

ELEMENT	FUNCTION	PHI
4	5	+100000+14

+176748-31	+178522-31	+186946-31	+190240-31
+190240-31	+190240-31	+190240-31	+190240-31
+557224-31	+558999-31	+567423-31	+570717-31
+570717-31	+570717-31	+570717-31	+570717-31
+188887-30	+189064-30	+189907-30	+190236-30
+190236-30	+190236-30	+190236-30	+190236-30
+569336-30	+569513-30	+570356-30	+570685-30
+570685-30	+570685-30	+570685-30	+570685-30
+190066-29	+190084-29	+190168-29	+190201-29
+190201-29	+190201-29	+190201-29	+190201-29
+570234-29	+570252-29	+570336-29	+570369-29
+570369-29	+570369-29	+570369-29	+570369-29
+189837-28	+189839-28	+189847-28	+189851-28
+189861-28	+189861-28	+189861-28	+189861-28

ELEMENT	FUNCTION	PHI
4	5	+300000+14

+530240-31	+535564-31	+560836-31	+570717-31
+570717-31	+570717-31	+570717-31	+570717-31
+167165-30	+167698-30	+170225-30	+171213-30
+171213-30	+171213-30	+171213-30	+171213-30
+566638-30	+567170-30	+569697-30	+570685-30
+570685-30	+570685-30	+570685-30	+570685-30
+170780-29	+170833-29	+171086-29	+171185-29
+171185-29	+171185-29	+171185-29	+171185-29
+569965-29	+570018-29	+570271-29	+570370-29
+570370-29	+570370-29	+570370-29	+570370-29
+170860-28	+170865-28	+170891-28	+170901-28
+170901-28	+170901-28	+170901-28	+170901-28
+567184-28	+567190-28	+567215-28	+567225-28
+567225-28	+567225-28	+567225-28	+567225-28

ELEMENT	FUNCTION	PHI
4	5	+100000+15

+176744-30	+178519-30	+186943-30	+190237-30
+190237-30	+190237-30	+190237-30	+190237-30
+557194-30	+558969-30	+567393-30	+570687-30
+570687-30	+570687-30	+570687-30	+570687-30
+188852-29	+189030-29	+189872-29	+190202-29
+190202-29	+190202-29	+190202-29	+190202-29
+569022-29	+569199-29	+570041-29	+570371-29
+570371-29	+570371-29	+570371-29	+570371-29
+189716-28	+189734-28	+189818-28	+189851-28
+189851-28	+189851-28	+189851-28	+189851-28
+567091-28	+567109-28	+567193-28	+567226-28
+567226-28	+567226-28	+567226-28	+567226-28
+186380-27	+186382-27	+186390-27	+186393-27
+186393-27	+186393-27	+186393-27	+186393-27

ELEMENT	FUNCTION	PHI
4	5	+300000+15

+530213-30	+535536-30	+560807-30	+570690-30
+570690-30	+570690-30	+570690-30	+570690-30
+167138-29	+167671-29	+170198-29	+171186-29
+171186-29	+171186-29	+171186-29	+171186-29
+566326-29	+566859-29	+569386-29	+570374-29
+570374-29	+570374-29	+570374-29	+570374-29
+170497-28	+170550-28	+170803-28	+170902-28
+170902-28	+170902-28	+170902-28	+170902-28
+566825-28	+566878-28	+567131-28	+567229-28
+567229-28	+567229-28	+567229-28	+567229-28
+168057-27	+168062-27	+168087-27	+168097-27
+168097-27	+168097-27	+168097-27	+168097-27
+536981-27	+536986-27	+537011-27	+537021-27
+537021-27	+537021-27	+537021-27	+537021-27

ELEMENT	FUNCTION	PHI
4	5	+100000+16

+176714-29	+178488-29	+186912-29	+190206-29
+190206-29	+190206-29	+190206-29	+190206-29
+556893-29	+558668-29	+567091-29	+570385-29
+570385-29	+570385-29	+570385-29	+570385-29
+188507-28	+188684-28	+189527-28	+189856-28
+189856-28	+189856-28	+189856-28	+189856-28
+565892-28	+566069-28	+566912-28	+567241-28
+567241-28	+567241-28	+567241-28	+567241-28
+186263-27	+186281-27	+186365-27	+186398-27
+186398-27	+186398-27	+186398-27	+186398-27
+536897-27	+536915-27	+536999-27	+537032-27
+537032-27	+537032-27	+537032-27	+537032-27
+156057-26	+156059-26	+156068-26	+156071-26
+156071-26	+156071-26	+156071-26	+156071-26

ARSENIC

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
4	6	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
4	6	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
4	6	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
4	6	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
4	6	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
4	6	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ARSENIC

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI	
4	7	+100000+13	
+231993-12	+227598-12	+137074-12	+652659-17
+160798-24	+000000+00	+000000+00	+000000+00
+232000-12	+227604-12	+137076-12	+652728-17
+113243-23	+000000+00	+000000+00	+000000+00
+232000-12	+227604-12	+137076-12	+653037-17
+571011-23	+000000+00	+000000+00	+000000+00
+232000-12	+227604-12	+137076-12	+653943-17
+191098-22	+000000+00	+000000+00	+000000+00
+232000-12	+227604-12	+137076-12	+657112-17
+660104-22	+000000+00	+000000+00	+000000+00
+232000-12	+227604-12	+137076-12	+666169-17
+200005-21	+000000+00	+000000+00	+000000+00
+232001-12	+227605-12	+137077-12	+697860-17
+668898-21	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	7	+100000+14	
+231993-11	+227598-11	+137074-11	+652761-16
+166634-22	+000000+00	+000000+00	+000000+00
+232000-11	+227604-11	+137076-11	+653423-16
+114246-21	+000000+00	+000000+00	+000000+00
+232000-11	+227604-11	+137076-11	+656518-16
+672134-21	+000000+00	+000000+00	+000000+00
+232000-11	+227604-11	+137076-11	+665574-16
+191201-20	+000000+00	+000000+00	+000000+00
+232001-11	+227605-11	+137077-11	+697265-16
+660097-20	+000000+00	+000000+00	+000000+00
+232007-11	+227606-11	+137079-11	+787761-16
+199906-19	+000000+00	+000000+00	+000000+00
+232009-11	+227613-11	+137085-11	+110391-15
+667678-19	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	7	+300000+14	
+695980-11	+682793-11	+411222-11	+195898-15
+152601-21	+000000+00	+000000+00	+000000+00
+696000-11	+682811-11	+411228-11	+196493-15
+103273-20	+000000+00	+000000+00	+000000+00
+696001-11	+682811-11	+411229-11	+199279-15
+515412-20	+000000+00	+000000+00	+000000+00
+696002-11	+682813-11	+411230-11	+207428-15
+172112-19	+000000+00	+000000+00	+000000+00
+696008-11	+682819-11	+411236-11	+235935-15
+593898-19	+000000+00	+000000+00	+000000+00
+696025-11	+682835-11	+411251-11	+317249-15
+179700-18	+000000+00	+000000+00	+000000+00
+696083-11	+682893-11	+411306-11	+600279-15
+598464-18	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	7	+100000+15	
+231993-10	+227598-10	+137074-10	+653797-15
+170041-20	+000000+00	+000000+00	+000000+00
+232000-10	+227604-10	+137076-10	+660412-15
+114828-19	+000000+00	+000000+00	+000000+00
+232001-10	+227604-10	+137077-10	+691358-15
+572703-19	+000000+00	+000000+00	+000000+00
+232003-10	+227606-10	+137079-10	+781855-15
+191166-18	+000000+00	+000000+00	+000000+00
+232009-10	+227613-10	+137085-10	+109802-14
+668964-18	+000000+00	+000000+00	+000000+00
+232028-10	+227631-10	+137102-10	+199638-14
+198816-17	+000000+00	+000000+00	+000000+00
+232091-10	+227694-10	+137161-10	+508326-14
+666642-17	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	7	+300000+15	
+695981-10	+682794-10	+411223-10	+196828-14
+152991-19	+000000+00	+000000+00	+000000+00
+696001-10	+682812-10	+411230-10	+202779-14
+103328-18	+000000+00	+000000+00	+000000+00
+696007-10	+682818-10	+411235-10	+230619-14
+515239-18	+000000+00	+000000+00	+000000+00
+696024-10	+682835-10	+411250-10	+311942-14
+171047-17	+000000+00	+000000+00	+000000+00
+696082-10	+682893-10	+411305-10	+595017-14
+590678-17	+000000+00	+000000+00	+000000+00
+696246-10	+683056-10	+411457-10	+139050-13
+176766-16	+000000+00	+000000+00	+000000+00
+696790-10	+683595-10	+411963-10	+402552-13
+566637-16	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	7	+100000+16	
+231994-09	+227598-09	+137074-09	+664139-14
+170016-18	+000000+00	+000000+00	+000000+00
+232002-09	+227605-09	+137078-09	+730227-14
+114779-17	+000000+00	+000000+00	+000000+00
+232008-09	+227612-09	+137084-09	+103910-13
+571776-17	+000000+00	+000000+00	+000000+00
+232027-09	+227630-09	+137101-09	+193789-13
+190161-16	+000000+00	+000000+00	+000000+00
+232090-09	+227693-09	+137160-09	+502642-13
+647132-16	+000000+00	+000000+00	+000000+00
+232262-09	+227864-09	+137320-09	+133777-12
+188277-15	+000000+00	+000000+00	+000000+00
+232765-09	+228364-09	+137788-09	+377592-12
+549020-16	+000000+00	+000000+00	+000000+00

ARSENIC

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI	
4	8	+100000+13	
+506773-22	+503117-22	+471379-22	+245688-22
+363514-25	+000000+00	+000000+00	+000000+00
+356899-21	+354324-21	+331972-21	+173028-21
+256008-24	+000000+00	+000000+00	+000000+00
+179961-20	+178663-20	+167392-20	+872467-21
+129088-23	+000000+00	+000000+00	+000000+00
+602268-20	+597923-20	+560205-20	+291985-20
+432014-23	+000000+00	+000000+00	+000000+00
+208039-19	+206539-19	+193510-19	+100859-19
+149229-22	+000000+00	+000000+00	+000000+00
+630338-19	+625791-19	+586314-19	+305594-19
+452149-22	+000000+00	+000000+00	+000000+00
+210811-18	+209290-18	+196088-18	+102203-18
+151217-21	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	8	+100000+14	
+525167-20	+521379-20	+488489-20	+254606-20
+376709-23	+000000+00	+000000+00	+000000+00
+360061-19	+357463-19	+334914-19	+174561-19
+258276-22	+000000+00	+000000+00	+000000+00
+180315-18	+179014-18	+167721-18	+874182-19
+129342-21	+000000+00	+000000+00	+000000+00
+602593-18	+598246-18	+560507-18	+292143-18
+432247-21	+000000+00	+000000+00	+000000+00
+208037-17	+206537-17	+193508-17	+100858-17
+149228-20	+000000+00	+000000+00	+000000+00
+630027-17	+625482-17	+586025-17	+305443-17
+451925-20	+000000+00	+000000+00	+000000+00
+210427-16	+208909-16	+195730-16	+102017-16
+150942-19	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	8	+300000+14	
+480939-19	+477469-19	+447350-19	+233164-19
+344983-22	+000000+00	+000000+00	+000000+00
+325477-18	+323129-18	+302746-18	+157794-18
+233469-21	+000000+00	+000000+00	+000000+00
+162438-17	+161266-17	+151093-17	+787515-18
+116519-20	+000000+00	+000000+00	+000000+00
+542431-17	+538518-17	+504547-17	+262976-17
+389092-20	+000000+00	+000000+00	+000000+00
+187174-16	+185824-16	+174102-16	+907437-17
+134262-19	+000000+00	+000000+00	+000000+00
+566347-16	+562261-16	+526792-16	+274570-16
+406247-19	+000000+00	+000000+00	+000000+00
+188613-15	+187252-15	+175440-15	+914412-16
+135294-18	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	8	+100000+15	
+535905-18	+532039-18	+498477-18	+259812-18
+384411-21	+000000+00	+000000+00	+000000+00
+361894-17	+359283-17	+336618-17	+175449-17
+259591-20	+000000+00	+000000+00	+000000+00
+180494-16	+179192-16	+167888-16	+875051-17
+129470-19	+000000+00	+000000+00	+000000+00
+602484-16	+598137-16	+560405-16	+292090-16
+432169-19	+000000+00	+000000+00	+000000+00
+207680-15	+206182-15	+193176-15	+100685-15
+148972-18	+000000+00	+000000+00	+000000+00
+626590-15	+622070-15	+582828-15	+303777-15
+449461-18	+000000+00	+000000+00	+000000+00
+206602-14	+205111-14	+192172-14	+100162-14
+148198-17	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	8	+300000+15	
+482169-17	+478691-17	+448494-17	+233760-17
+345865-20	+000000+00	+000000+00	+000000+00
+325651-16	+323302-16	+302907-16	+157879-16
+233594-19	+000000+00	+000000+00	+000000+00
+162384-15	+161212-15	+151043-15	+787250-16
+116480-18	+000000+00	+000000+00	+000000+00
+541597-15	+537690-15	+503771-15	+262571-15
+388494-18	+000000+00	+000000+00	+000000+00
+186159-14	+184816-14	+173158-14	+902517-15
+133634-17	+000000+00	+000000+00	+000000+00
+557098-14	+553079-14	+518190-14	+270086-14
+399613-17	+000000+00	+000000+00	+000000+00
+178582-13	+177294-13	+166110-13	+865784-14
+128099-16	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	8	+100000+16	
+535824-16	+531959-16	+498401-16	+259772-16
+384353-19	+000000+00	+000000+00	+000000+00
+361741-15	+359131-15	+336476-15	+175375-15
+259481-18	+000000+00	+000000+00	+000000+00
+180202-14	+178902-14	+167616-14	+873635-15
+129261-17	+000000+00	+000000+00	+000000+00
+599314-14	+594991-14	+557458-14	+290553-14
+429895-17	+000000+00	+000000+00	+000000+00
+203951-13	+202480-13	+189707-13	+988775-14
+146297-16	+000000+00	+000000+00	+000000+00
+593376-13	+589095-13	+551933-13	+287674-13
+425635-16	+000000+00	+000000+00	+000000+00
+173030-12	+171782-12	+160945-12	+838865-13
+124116-15	+000000+00	+000000+00	+000000+00

ARSENIC

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI	
4	9	+100000+13	
+105007-22	+104250-22	+976732-23	+509084-23
+753228-26	+000000+00	+000000+00	+000000+00
+739519-22	+734185-22	+687870-22	+358526-22
+530466-26	+000000+00	+000000+00	+000000+00
+372892-21	+370202-21	+346849-21	+180781-21
+267480-24	+000000+00	+000000+00	+000000+00
+124794-20	+123894-20	+116078-20	+605014-21
+895164-24	+000000+00	+000000+00	+000000+00
+431073-20	+427963-20	+400966-20	+208988-20
+309214-23	+000000+00	+000000+00	+000000+00
+130611-19	+129668-19	+121489-19	+633212-20
+936886-23	+000000+00	+000000+00	+000000+00
+436816-19	+433664-19	+406308-19	+211772-19
+313333-22	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	9	+100000+14	
+108818-20	+108033-20	+101218-20	+527562-21
+780567-24	+000000+00	+000000+00	+000000+00
+746072-20	+740690-20	+693965-20	+361702-20
+535166-23	+000000+00	+000000+00	+000000+00
+373625-19	+370930-19	+347531-19	+181137-19
+268006-22	+000000+00	+000000+00	+000000+00
+124862-18	+123961-18	+116141-18	+605341-19
+895648-22	+000000+00	+000000+00	+000000+00
+431068-18	+427959-18	+400962-18	+208986-18
+309210-21	+000000+00	+000000+00	+000000+00
+130546-17	+129604-17	+121429-17	+632899-18
+936422-21	+000000+00	+000000+00	+000000+00
+436019-17	+432874-17	+405567-17	+211386-17
+312762-20	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	9	+300000+14	
+996540-20	+989351-20	+926940-20	+483132-20
+714830-23	+000000+00	+000000+00	+000000+00
+674412-19	+669547-19	+627311-19	+326961-19
+483764-22	+000000+00	+000000+00	+000000+00
+336584-18	+334156-18	+313076-18	+163179-18
+241436-21	+000000+00	+000000+00	+000000+00
+112396-17	+111585-17	+104546-17	+544904-18
+806227-21	+000000+00	+000000+00	+000000+00
+387838-17	+385040-17	+360751-17	+188027-17
+278201-20	+000000+00	+000000+00	+000000+00
+117351-16	+116505-16	+109155-16	+568929-17
+841773-20	+000000+00	+000000+00	+000000+00
+390819-16	+388000-16	+363524-16	+189473-16
+280339-19	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	9	+100000+15	
+111043-18	+110242-18	+103288-18	+538349-19
+796528-22	+000000+00	+000000+00	+000000+00
+749870-18	+744460-18	+697498-18	+363544-18
+537890-21	+000000+00	+000000+00	+000000+00
+373996-17	+371298-17	+347876-17	+181317-17
+268272-20	+000000+00	+000000+00	+000000+00
+124839-16	+123938-16	+116120-16	+605231-17
+895486-20	+000000+00	+000000+00	+000000+00
+430328-16	+427224-16	+400274-16	+208627-16
+308680-19	+000000+00	+000000+00	+000000+00
+129834-15	+128897-15	+120766-15	+629447-16
+931316-19	+000000+00	+000000+00	+000000+00
+428094-15	+425005-15	+398195-15	+207544-15
+307077-18	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	9	+300000+15	
+999089-18	+991882-18	+929311-18	+484367-18
+716658-21	+000000+00	+000000+00	+000000+00
+674773-17	+669905-17	+627646-17	+327136-17
+484023-20	+000000+00	+000000+00	+000000+00
+336470-16	+334043-16	+312971-16	+163124-16
+241364-19	+000000+00	+000000+00	+000000+00
+112223-15	+111413-15	+104385-15	+544067-16
+804988-19	+000000+00	+000000+00	+000000+00
+385735-15	+382953-15	+358795-15	+187008-15
+276692-18	+000000+00	+000000+00	+000000+00
+115435-14	+114602-14	+107373-14	+559638-15
+828027-18	+000000+00	+000000+00	+000000+00
+370036-14	+367366-14	+344192-14	+179397-14
+265431-17	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
4	9	+100000+16	
+111027-16	+110226-16	+103272-16	+538267-17
+796407-20	+000000+00	+000000+00	+000000+00
+749553-16	+744146-16	+697203-16	+363390-16
+537663-19	+000000+00	+000000+00	+000000+00
+373391-15	+370698-15	+347313-15	+181024-15
+267838-18	+000000+00	+000000+00	+000000+00
+124182-14	+123286-14	+115509-14	+602047-15
+890774-18	+000000+00	+000000+00	+000000+00
+422602-14	+419553-14	+393087-14	+204881-14
+303137-17	+000000+00	+000000+00	+000000+00
+122952-13	+122065-13	+114365-13	+596081-14
+881947-17	+000000+00	+000000+00	+000000+00
+358531-13	+355944-13	+333490-13	+173819-13
+257178-16	+000000+00	+000000+00	+000000+00

SELENIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
5	1	+100000+13

+228930-06	+227187-06	+226526-06	+228578-06
+231443-06	+231478-06	+231477-06	+231470-06
+687181-06	+685460-06	+684993-06	+688621-06
+694366-06	+694434-06	+694432-06	+694410-06
+230478-05	+230307-05	+230272-05	+230729-05
+231469-05	+231478-05	+231477-05	+231470-05
+693424-05	+693253-05	+693218-05	+693678-05
+694424-05	+694432-05	+694430-05	+694409-05
+231375-04	+231368-04	+231355-04	+231401-04
+231475-04	+231476-04	+231476-04	+231469-04
+694318-04	+694301-04	+694298-04	+694344-04
+694418-04	+694419-04	+694417-04	+694396-04
+231452-03	+231450-03	+231450-03	+231454-03
+231462-03	+231462-03	+231461-03	+231454-03

ELEMENT	FUNCTION	PHI
5	1	+100000+14

+228930-05	+227187-05	+226526-05	+228578-05
+231443-05	+231478-05	+231477-05	+231470-05
+687179-05	+685459-05	+684991-05	+688620-05
+694364-05	+694432-05	+694430-05	+694409-05
+230476-04	+230305-04	+230271-04	+230728-04
+231468-04	+231476-04	+231476-04	+231469-04
+693411-04	+693240-04	+693206-04	+693665-04
+694411-04	+694419-04	+694417-04	+694396-04
+231361-03	+231344-03	+231341-03	+231387-03
+231461-03	+231462-03	+231461-03	+231454-03
+694190-03	+694173-03	+694169-03	+694215-03
+694290-03	+694291-03	+694289-03	+694267-03
+231309-02	+231307-02	+231307-02	+231311-02
+231319-02	+231319-02	+231318-02	+231311-02

ELEMENT	FUNCTION	PHI
5	1	+300000+14

+686788-05	+681560-05	+679576-05	+685733-05
+694329-05	+694432-05	+694430-05	+694409-05
+206153-04	+205637-04	+205497-04	+206585-04
+208308-04	+208329-04	+208328-04	+208322-04
+691419-04	+690907-04	+690802-04	+692173-04
+694393-04	+694419-04	+694417-04	+694396-04
+208015-03	+207963-03	+207953-03	+208091-03
+208315-03	+208317-03	+208317-03	+208310-03
+693988-03	+693937-03	+693927-03	+694065-03
+694288-03	+694291-03	+694289-03	+694268-03
+208171-02	+208166-02	+208165-02	+208179-02
+208201-02	+208202-02	+208201-02	+208195-02
+692976-02	+692971-02	+692970-02	+692984-02
+693006-02	+693006-02	+693004-02	+692983-02

ELEMENT	FUNCTION	PHI
5	1	+100000+15

+228928-04	+227185-04	+226524-04	+228577-04
+231442-04	+231476-04	+231476-04	+231469-04
+687166-04	+685446-04	+684979-04	+688607-04
+694351-04	+694420-04	+694417-04	+694396-04
+230462-03	+230291-03	+230256-03	+230713-03
+231453-03	+231462-03	+231461-03	+231454-03
+693282-03	+693111-03	+693077-03	+693537-03
+694282-03	+694291-03	+694289-03	+694268-03
+231218-02	+231201-02	+231198-02	+231244-02
+231318-02	+231319-02	+231319-02	+231312-02
+692906-02	+692889-02	+692886-02	+692932-02
+693006-02	+693007-02	+693005-02	+692984-02
+229887-01	+229886-01	+229885-01	+229890-01
+229897-01	+229897-01	+229897-01	+229889-01

ELEMENT	FUNCTION	PHI
5	1	+300000+15

+686775-04	+681547-04	+679563-04	+685720-04
+694316-04	+694420-04	+694417-04	+694396-04
+206141-03	+205625-03	+205485-03	+206574-03
+208297-03	+208317-03	+208317-03	+208310-03
+691290-03	+690778-03	+690674-03	+692045-03
+694265-03	+694291-03	+694289-03	+694268-03
+207899-02	+207848-02	+207837-02	+207975-02
+208199-02	+208202-02	+208201-02	+208195-02
+692705-02	+692653-02	+692643-02	+692781-02
+693005-02	+693007-02	+693005-02	+692984-02
+207019-01	+207014-01	+207013-01	+207027-01
+207049-01	+207049-01	+207049-01	+207043-01
+680314-01	+680309-01	+680308-01	+680322-01
+680344-01	+680344-01	+680342-01	+680321-01

ELEMENT	FUNCTION	PHI
5	1	+100000+16

+228914-03	+227171-03	+226510-03	+228562-03
+231428-03	+231462-03	+231461-03	+231454-03
+687038-03	+685317-03	+684850-03	+688479-03
+694223-03	+694291-03	+694289-03	+694268-03
+230319-02	+230148-02	+230114-02	+230571-02
+231311-02	+231319-02	+231319-02	+231312-02
+691998-02	+691827-02	+691793-02	+692253-02
+692999-02	+693008-02	+693006-02	+692984-02
+229797-01	+229780-01	+229776-01	+229822-01
+229897-01	+229898-01	+229897-01	+229890-01
+680245-01	+680228-01	+680224-01	+680270-01
+680345-01	+680346-01	+680344-01	+680323-01
+216403+00	+216401+00	+216401+00	+216406+00
+216413+00	+216413+00	+216413+00	+216406+00

SELENIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
5	2	+100000+13

+211396-21	+247601-22	+687709-24	+719585-26
+927527-28	+211934-30	+211928-30	+211864-30
+211407-21	+247719-22	+699152-24	+148658-25
+183848-27	+635803-30	+635784-30	+635590-30
+211415-21	+247793-22	+706144-24	+193551-25
+237114-27	+211934-29	+211928-29	+211863-29
+211415-21	+247795-22	+706373-24	+195035-25
+243013-27	+635803-29	+635784-29	+635590-29
+211415-21	+247795-22	+706388-24	+195183-25
+257848-27	+211934-28	+211928-28	+211863-28
+211415-21	+247796-22	+706431-24	+195607-25
+300235-27	+635800-28	+635781-28	+635587-28
+211415-21	+247797-22	+706579-24	+197091-25
+448586-27	+211931-27	+211924-27	+211860-27

ELEMENT	FUNCTION	PHI
5	2	+100000+14

+211396-20	+247601-21	+687709-23	+719585-25
+927527-27	+211934-29	+211928-29	+211864-29
+211407-20	+247719-21	+699152-23	+148658-24
+183848-26	+635803-29	+635784-29	+635591-29
+211415-20	+247793-21	+706144-23	+193551-24
+237114-26	+211934-28	+211928-28	+211863-28
+211415-20	+247795-21	+706373-23	+195035-24
+243013-26	+635803-28	+635784-28	+635590-28
+211415-20	+247795-21	+706388-23	+195183-24
+257848-26	+211934-27	+211928-27	+211863-27
+211415-20	+247796-21	+706431-23	+195607-24
+300235-26	+635800-27	+635781-27	+635587-27
+211415-20	+247797-21	+706579-23	+197091-24
+448586-26	+211931-26	+211924-26	+211860-26

ELEMENT	FUNCTION	PHI
5	2	+300000+14

+634187-20	+742802-21	+206313-22	+215875-24
+278258-26	+635803-29	+635784-29	+635591-29
+634222-20	+743158-21	+209746-22	+445974-24
+551544-26	+190741-28	+190735-28	+190677-28
+634244-20	+743378-21	+211843-22	+580654-24
+711343-26	+635803-28	+635784-28	+635590-28
+634245-20	+743385-21	+211912-22	+585104-24
+729038-26	+190741-27	+190735-27	+190677-27
+634245-20	+743385-21	+211916-22	+585549-24
+773544-26	+635802-27	+635783-27	+635589-27
+634245-20	+743386-21	+211929-22	+586821-24
+900704-26	+190740-26	+190734-26	+190676-26
+634246-20	+743391-21	+211974-22	+591272-24
+134576-25	+635792-26	+635773-26	+635580-26

ELEMENT	FUNCTION	PHI
5	2	+100000+15

+211396-19	+247601-20	+687709-22	+719585-24
+927527-26	+211934-28	+211928-28	+211864-28
+211407-19	+247719-20	+699152-22	+148658-23
+183848-25	+635803-28	+635784-28	+635591-28
+211415-19	+247793-20	+706144-22	+193551-23
+237114-25	+211934-27	+211928-27	+211863-27
+211415-19	+247795-20	+706373-22	+195035-23
+243013-25	+635803-27	+635784-27	+635590-27
+211415-19	+247795-20	+706388-22	+195183-23
+257848-25	+211934-26	+211928-26	+211863-26
+211415-19	+247796-20	+706431-22	+195607-23
+300235-25	+635800-26	+635781-26	+635587-26
+211415-19	+247797-20	+706579-22	+197091-23
+448586-25	+211931-25	+211924-25	+211860-25

ELEMENT	FUNCTION	PHI
5	2	+300000+15

+634187-19	+742802-20	+206313-21	+215875-23
+278258-25	+635803-28	+635784-28	+635591-28
+634222-19	+743158-20	+209746-21	+445974-23
+551544-25	+190741-27	+190735-27	+190677-27
+634244-19	+743378-20	+211843-21	+580654-23
+711343-25	+635803-27	+635784-27	+635590-27
+634245-19	+743385-20	+211912-21	+585104-23
+729038-25	+190741-26	+190735-26	+190677-26
+634245-19	+743385-20	+211916-21	+585550-23
+773544-25	+635802-26	+635783-26	+635589-26
+634245-19	+743387-20	+211929-21	+586821-23
+900704-25	+190740-25	+190734-25	+190676-25
+634246-19	+743391-20	+211974-21	+591272-23
+134576-24	+635793-25	+635773-25	+635580-25

ELEMENT	FUNCTION	PHI
5	2	+100000+16

+211396-18	+247601-19	+687709-21	+719585-23
+927527-25	+211934-27	+211928-27	+211864-27
+211407-18	+247719-19	+699152-21	+148658-22
+183848-24	+635803-27	+635784-27	+635591-27
+211415-18	+247793-19	+706144-21	+193551-22
+237114-24	+211934-26	+211928-26	+211863-26
+211415-18	+247795-19	+706373-21	+195035-22
+243013-24	+635803-26	+635784-26	+635590-26
+211415-18	+247795-19	+706388-21	+195183-22
+257848-24	+211934-25	+211928-25	+211863-25
+211415-18	+247796-19	+706431-21	+195607-22
+300235-24	+635800-25	+635781-25	+635587-25
+211415-18	+247797-19	+706579-21	+197091-22
+448586-24	+211931-24	+211924-24	+211860-24

SELENIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
5	3	+100000+13	
+522814-24	+328819-24	+521661-26	+690953-29
+888612-31	+000000+00	+000000+00	+000000+00
+522825-24	+328830-24	+522760-26	+142741-28
+175927-30	+000000+00	+000000+00	+000000+00
+522832-24	+328837-24	+523432-26	+185835-28
+225651-30	+000000+00	+000000+00	+000000+00
+522832-24	+328837-24	+523453-26	+187219-28
+227245-30	+000000+00	+000000+00	+000000+00
+522832-24	+328837-24	+523453-26	+187219-28
+227245-30	+000000+00	+000000+00	+000000+00
+522832-24	+328837-24	+523453-26	+187219-28
+227245-30	+000000+00	+000000+00	+000000+00
+522832-24	+328837-24	+523453-26	+187219-28
+227245-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
5	3	+100000+14	
+522814-23	+328819-23	+521661-25	+690953-28
+888612-30	+000000+00	+000000+00	+000000+00
+522825-23	+328830-23	+522760-25	+142741-27
+175927-29	+000000+00	+000000+00	+000000+00
+522832-23	+328837-23	+523432-25	+185835-27
+225651-29	+000000+00	+000000+00	+000000+00
+522832-23	+328837-23	+523453-25	+187219-27
+227245-29	+000000+00	+000000+00	+000000+00
+522832-23	+328837-23	+523453-25	+187219-27
+227245-29	+000000+00	+000000+00	+000000+00
+522832-23	+328837-23	+523453-25	+187219-27
+227245-29	+000000+00	+000000+00	+000000+00
+522832-23	+328837-23	+523453-25	+187219-27
+227245-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
5	3	+300000+14	
+156844-22	+986456-23	+156498-24	+207286-27
+266584-29	+000000+00	+000000+00	+000000+00
+156848-22	+986490-23	+156828-24	+428223-27
+527782-29	+000000+00	+000000+00	+000000+00
+156850-22	+986512-23	+157029-24	+557505-27
+676954-29	+000000+00	+000000+00	+000000+00
+156850-22	+986512-23	+157036-24	+561657-27
+681734-29	+000000+00	+000000+00	+000000+00
+156850-22	+986512-23	+157036-24	+561657-27
+681735-29	+000000+00	+000000+00	+000000+00
+156850-22	+986512-23	+157036-24	+561657-27
+681735-29	+000000+00	+000000+00	+000000+00
+156850-22	+986512-23	+157036-24	+561657-27
+681735-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
5	3	+100000+15	
+522814-22	+328819-22	+521661-24	+690953-27
+888612-29	+000000+00	+000000+00	+000000+00
+522825-22	+328830-22	+522760-24	+142741-26
+175927-28	+000000+00	+000000+00	+000000+00
+522832-22	+328837-22	+523431-24	+185835-26
+225651-28	+000000+00	+000000+00	+000000+00
+522832-22	+328837-22	+523453-24	+187219-26
+227245-28	+000000+00	+000000+00	+000000+00
+522832-22	+328837-22	+523453-24	+187219-26
+227245-28	+000000+00	+000000+00	+000000+00
+522832-22	+328837-22	+523453-24	+187219-26
+227245-28	+000000+00	+000000+00	+000000+00
+522832-22	+328837-22	+523453-24	+187219-26
+227245-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
5	3	+300000+15	
+156844-21	+986456-22	+156498-23	+207286-26
+266584-28	+000000+00	+000000+00	+000000+00
+156848-21	+986491-22	+156828-23	+428223-26
+527782-28	+000000+00	+000000+00	+000000+00
+156850-21	+986512-22	+157029-23	+557505-26
+676954-28	+000000+00	+000000+00	+000000+00
+156850-21	+986512-22	+157036-23	+561657-26
+681734-28	+000000+00	+000000+00	+000000+00
+156850-21	+986512-22	+157036-23	+561657-26
+681735-28	+000000+00	+000000+00	+000000+00
+156850-21	+986512-22	+157036-23	+561657-26
+681735-28	+000000+00	+000000+00	+000000+00
+156850-21	+986512-22	+157036-23	+561657-26
+681735-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
5	3	+100000+16	
+522814-21	+328819-21	+521661-23	+690953-26
+888612-28	+000000+00	+000000+00	+000000+00
+522825-21	+328830-21	+522760-23	+142741-25
+175927-27	+000000+00	+000000+00	+000000+00
+522832-21	+328837-21	+523431-23	+185835-25
+225651-27	+000000+00	+000000+00	+000000+00
+522832-21	+328837-21	+523453-23	+187219-25
+227245-27	+000000+00	+000000+00	+000000+00
+522832-21	+328837-21	+523453-23	+187219-25
+227245-27	+000000+00	+000000+00	+000000+00
+522832-21	+328837-21	+523453-23	+187219-25
+227245-27	+000000+00	+000000+00	+000000+00

SELENIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
5	4	+100000+13

+161683-23	+392007-24	+668838-26	+690960-29
+889278-31	+665797-34	+665776-34	+665574-34
+161685-23	+392019-24	+669937-26	+142743-28
+176127-30	+199739-33	+199733-33	+199672-33
+161685-23	+392026-24	+670608-26	+185842-28
+226317-30	+665797-33	+665776-33	+665574-33
+161685-23	+392026-24	+670630-26	+187239-28
+229242-30	+199739-32	+199733-32	+199672-32
+161685-23	+392026-24	+670631-26	+187286-28
+233903-30	+665796-32	+665775-32	+665573-32
+161685-23	+392026-24	+670632-26	+187919-28
+247219-30	+199738-31	+199732-31	+199671-31
+161685-23	+392026-24	+670637-26	+187885-28
+293824-30	+665785-31	+665765-31	+665563-31

ELEMENT	FUNCTION	PHI
5	4	+100000+14

+161683-22	+392007-23	+668838-25	+690960-28
+889278-30	+665797-33	+665776-33	+665574-33
+161685-22	+392019-23	+669937-25	+142743-27
+176127-29	+199739-32	+199733-32	+199672-32
+161685-22	+392026-23	+670608-25	+185842-27
+226317-29	+665797-32	+665776-32	+665574-32
+161685-22	+392026-23	+670630-25	+187239-27
+229242-29	+199739-31	+199733-31	+199672-31
+161685-22	+392026-23	+670631-25	+187286-27
+233903-29	+665796-31	+665775-31	+665573-31
+161685-22	+392026-23	+670632-25	+187919-27
+247219-29	+199738-30	+199732-30	+199671-30
+161685-22	+392026-23	+670637-25	+187885-27
+293824-29	+665785-30	+665765-30	+665563-30

ELEMENT	FUNCTION	PHI
5	4	+300000+14

+485050-22	+117602-22	+200651-24	+207288-27
+266783-29	+199739-32	+199733-32	+199672-32
+485054-22	+117606-22	+200981-24	+428229-27
+528382-29	+599217-32	+599199-32	+599016-32
+485056-22	+117608-22	+201183-24	+557525-27
+678951-29	+199739-31	+199733-31	+199672-31
+485056-22	+117608-22	+201189-24	+561717-27
+687727-29	+599217-31	+599198-31	+599016-31
+485056-22	+117608-22	+201189-24	+561857-27
+701709-29	+199739-30	+199733-30	+199672-30
+485056-22	+117608-22	+201190-24	+562256-27
+741656-29	+599214-30	+599196-30	+599013-30
+485056-22	+117608-22	+201191-24	+563654-27
+881471-29	+199736-29	+199730-29	+199669-29

ELEMENT	FUNCTION	PHI
5	4	+100000+15

+161683-21	+392007-22	+668838-24	+690960-27
+889278-29	+665797-32	+665776-32	+665574-32
+161685-21	+392019-22	+669937-24	+142743-26
+176127-28	+199739-31	+199733-31	+199672-31
+161685-21	+392026-22	+670608-24	+185842-26
+226317-28	+665797-31	+665776-31	+665574-31
+161685-21	+392026-22	+670630-24	+187239-26
+229242-28	+199739-30	+199733-30	+199672-30
+161685-21	+392026-22	+670631-24	+187286-26
+233903-28	+665796-30	+665775-30	+665573-30
+161685-21	+392026-22	+670632-24	+187919-26
+247219-28	+199738-29	+199732-29	+199671-29
+161685-21	+392026-22	+670637-24	+187885-26
+293824-28	+665785-29	+665765-29	+665563-29

ELEMENT	FUNCTION	PHI
5	4	+300000+15

+485050-21	+117602-21	+200651-23	+207288-26
+266783-28	+199739-31	+199733-31	+199672-31
+485054-21	+117606-21	+200981-23	+428229-26
+528382-28	+599217-31	+599199-31	+599016-31
+485056-21	+117608-21	+201183-23	+557525-26
+678951-28	+199739-30	+199733-30	+199672-30
+485056-21	+117608-21	+201189-23	+561717-26
+687727-28	+599217-30	+599198-30	+599016-30
+485056-21	+117608-21	+201189-23	+561857-26
+701709-28	+199739-29	+199733-29	+199672-29
+485056-21	+117608-21	+201190-23	+562256-26
+741656-28	+599214-29	+599196-29	+599013-29
+485056-21	+117608-21	+201191-23	+563654-26
+881471-28	+199736-28	+199730-28	+199669-28

ELEMENT	FUNCTION	PHI
5	4	+100000+16

+161683-20	+392007-21	+668838-23	+690960-26
+889278-28	+665797-31	+665776-31	+665574-31
+161685-20	+392019-21	+669937-23	+142743-25
+176127-27	+199739-30	+199733-30	+199672-30
+161685-20	+392026-21	+670608-23	+185842-25
+226317-27	+665797-30	+665776-30	+665574-30
+161685-20	+392026-21	+670630-23	+187239-25
+229242-27	+199739-29	+199733-29	+199672-29
+161685-20	+392026-21	+670631-23	+187286-25
+233903-27	+665796-29	+665775-29	+665573-29
+161685-20	+392026-21	+670632-23	+187919-25
+247219-27	+199738-28	+199732-28	+199671-28
+161685-20	+392026-21	+670637-23	+187885-25
+293824-27	+665785-28	+665765-28	+665563-28

SELENIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
5	5	+100000+13

+352064-30	+352778-30	+359124-30	+414363-30
+528971-30	+530352-30	+530352-30	+530352-30
+122456-29	+122616-29	+124027-29	+135856-29
+158832-29	+159105-29	+159105-29	+159105-29
+482705-29	+482918-29	+484805-29	+500396-29
+529999-29	+530349-29	+530349-29	+530349-29
+154302-28	+154324-28	+154514-28	+156085-28
+159067-28	+159102-28	+159102-28	+159102-28
+525510-28	+525532-28	+525722-28	+527293-28
+530276-28	+530310-28	+530310-28	+530310-28
+158587-27	+158589-27	+158608-27	+158765-27
+159063-27	+159067-27	+159067-27	+159067-27
+529434-27	+529437-27	+529456-27	+529613-27
+529911-27	+629914-27	+529914-27	+529914-27

ELEMENT	FUNCTION	PHI
5	5	+100000+14

+352063-29	+352778-29	+359124-29	+414362-29
+528971-29	+530351-29	+530351-29	+530351-29
+122455-28	+122615-28	+124025-28	+135854-28
+158831-28	+159104-28	+159104-28	+159104-28
+482679-28	+482892-28	+484779-28	+500370-28
+529973-28	+530323-28	+530323-28	+530323-28
+154272-27	+154293-27	+154483-27	+156054-27
+159036-27	+159071-27	+159071-27	+159071-27
+525131-27	+525153-27	+525343-27	+526914-27
+529896-27	+529931-27	+529931-27	+529931-27
+158237-26	+158239-26	+158258-26	+158415-26
+158713-26	+158717-26	+158717-26	+158717-26
+525544-26	+525546-26	+525565-26	+525722-26
+526021-26	+526024-26	+526024-26	+526024-26

ELEMENT	FUNCTION	PHI
5	5	+300000+14

+105618-28	+105833-28	+107737-28	+124308-28
+158691-28	+159105-28	+159105-28	+159105-28
+367357-28	+367835-28	+372068-28	+407555-28
+476485-28	+477305-28	+477305-28	+477305-28
+144786-27	+144850-27	+145416-27	+150093-27
+158974-27	+159080-27	+159080-27	+159080-27
+462609-27	+462673-27	+463244-27	+467958-27
+476903-27	+477008-27	+477008-27	+477008-27
+157288-26	+157294-26	+157351-26	+157823-26
+158717-26	+158728-26	+158728-26	+158728-26
+472401-26	+472408-26	+472465-26	+472937-26
+473831-26	+473842-26	+473842-26	+473842-26
+155159-25	+155159-25	+155165-25	+155212-25
+155302-25	+155303-25	+155303-25	+155303-25

ELEMENT	FUNCTION	PHI
5	5	+100000+15

+352056-28	+352771-28	+359117-28	+414356-28
+528965-28	+530345-28	+530345-28	+530345-28
+122443-27	+122602-27	+124013-27	+135842-27
+158819-27	+159092-27	+159092-27	+159092-27
+482417-27	+482630-27	+484517-27	+500108-27
+529712-27	+530063-27	+530063-27	+530063-27
+153963-26	+153985-26	+154175-26	+155747-26
+158728-26	+158764-26	+158764-26	+158764-26
+521386-26	+521408-26	+521598-26	+523170-26
+526153-26	+526188-26	+526188-26	+526188-26
+154860-25	+154862-25	+154881-25	+155038-25
+155337-25	+155340-25	+155340-25	+155340-25
+490923-25	+490925-25	+490944-25	+491102-25
+491401-25	+491405-25	+491405-25	+491405-25

ELEMENT	FUNCTION	PHI
5	5	+300000+15

+105613-27	+105827-27	+107731-27	+124303-27
+158685-27	+159100-27	+159100-27	+159100-27
+367247-27	+367726-27	+371958-27	+407447-27
+476378-27	+477198-27	+477198-27	+477198-27
+144551-26	+144615-26	+145181-26	+149859-26
+158741-26	+158846-26	+158846-26	+158846-26
+459856-26	+459921-26	+460492-26	+465208-26
+474155-26	+474261-26	+474261-26	+474261-26
+154003-25	+154009-25	+154067-25	+154539-25
+155434-25	+155445-25	+155445-25	+155445-25
+444263-25	+444269-25	+444327-25	+444800-25
+445698-25	+445708-25	+445708-25	+445708-25
+130587-24	+130588-24	+130594-24	+130642-24
+130732-24	+130733-24	+130733-24	+130733-24

ELEMENT	FUNCTION	PHI
5	5	+100000+16

+351991-27	+352706-27	+359052-27	+414293-27
+528905-27	+530285-27	+530285-27	+530285-27
+122321-26	+122480-26	+123892-26	+135722-26
+158701-26	+158974-26	+158974-26	+158974-26
+479822-26	+480036-26	+481924-26	+497523-26
+527135-26	+527485-26	+527485-26	+527485-26
+150983-25	+151004-25	+151195-25	+152769-25
+155753-25	+155788-25	+155788-25	+155788-25
+487971-25	+487993-25	+488184-25	+489765-25
+492756-25	+492792-25	+492792-25	+492792-25
+130481-24	+130483-24	+130502-24	+130662-24
+130963-24	+130967-24	+130967-24	+130967-24
+346104-24	+346106-24	+346126-24	+346291-24
+346598-24	+346601-24	+346601-24	+346601-24

SELENIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI	
5	6	+100000+13	
+236673-11	+145362-11	+269404-13	+266238-15
+342401-17	+140486-36	+000000+00	+000000+00
+236718-11	+145405-11	+273638-13	+550011-15
+677885-17	+278133-36	+000000+00	+000000+00
+236745-11	+145432-11	+276225-13	+716061-15
+869481-17	+356744-36	+000000+00	+000000+00
+236746-11	+145433-11	+276308-13	+721393-15
+875622-17	+359263-36	+000000+00	+000000+00
+236746-11	+145433-11	+276308-13	+721393-15
+875622-17	+359263-36	+000000+00	+000000+00
+236746-11	+145433-11	+276308-13	+721393-15
+875622-17	+359263-36	+000000+00	+000000+00
+236746-11	+145433-11	+276308-13	+721393-15
+875622-17	+359263-36	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
5	6	+100000+14	
+236673-10	+145362-10	+269404-12	+266238-14
+342401-16	+140486-35	+000000+00	+000000+00
+236718-10	+145405-10	+273638-12	+550011-14
+677885-16	+278133-35	+000000+00	+000000+00
+236745-10	+145432-10	+276225-12	+716061-14
+869481-16	+356744-35	+000000+00	+000000+00
+236746-10	+145433-10	+276308-12	+721393-14
+875622-16	+359263-35	+000000+00	+000000+00
+236746-10	+145433-10	+276308-12	+721393-14
+875622-16	+359263-35	+000000+00	+000000+00
+236746-10	+145433-10	+276308-12	+721393-14
+875622-16	+359263-35	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
5	6	+300000+14	
+710020-10	+436085-10	+808213-12	+798715-14
+102720-15	+421457-35	+000000+00	+000000+00
+710153-10	+436216-10	+820915-12	+165003-13
+203366-15	+834400-35	+000000+00	+000000+00
+710234-10	+436297-10	+828674-12	+214818-13
+260844-15	+107023-34	+000000+00	+000000+00
+710237-10	+436300-10	+828924-12	+216418-13
+262686-15	+107779-34	+000000+00	+000000+00
+710237-10	+436300-10	+828924-12	+216418-13
+262687-15	+107779-34	+000000+00	+000000+00
+710237-10	+436300-10	+828924-12	+216418-13
+262687-15	+107779-34	+000000+00	+000000+00
+710237-10	+436300-10	+828924-12	+216418-13
+262687-15	+107779-34	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
5	6	+100000+15	
+236673-09	+145362-09	+269404-11	+266238-13
+342401-15	+140486-34	+000000+00	+000000+00
+236718-09	+145405-09	+273638-11	+550011-13
+677885-15	+278133-34	+000000+00	+000000+00
+236745-09	+145432-09	+276225-11	+716061-13
+869481-15	+356744-34	+000000+00	+000000+00
+236746-09	+145433-09	+276308-11	+721393-13
+875622-15	+359263-34	+000000+00	+000000+00
+236746-09	+145433-09	+276308-11	+721393-13
+875622-15	+359263-34	+000000+00	+000000+00
+236746-09	+145433-09	+276308-11	+721393-13
+875622-15	+359263-34	+000000+00	+000000+00
+236746-09	+145433-09	+276308-11	+721393-13
+875622-15	+359263-34	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
5	6	+300000+15	
+710020-09	+436085-09	+808213-11	+798715-13
+102720-14	+421457-34	+000000+00	+000000+00
+710153-09	+436216-09	+820915-11	+165003-12
+203366-14	+834400-34	+000000+00	+000000+00
+710234-09	+436297-09	+828674-11	+214818-12
+260844-14	+107023-33	+000000+00	+000000+00
+710237-09	+436300-09	+828924-11	+216418-12
+262686-14	+107779-33	+000000+00	+000000+00
+710237-09	+436300-09	+828924-11	+216418-12
+262687-14	+107779-33	+000000+00	+000000+00
+710237-09	+436300-09	+828924-11	+216418-12
+262687-14	+107779-33	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
5	6	+100000+16	
+236673-08	+145362-08	+269404-10	+266239-12
+342401-14	+140486-33	+000000+00	+000000+00
+236718-08	+145405-08	+273638-10	+550011-12
+677885-14	+278133-33	+000000+00	+000000+00
+236745-08	+145432-08	+276225-10	+716061-12
+869481-14	+356744-33	+000000+00	+000000+00
+236746-08	+145433-08	+276308-10	+721393-12
+875622-14	+359263-33	+000000+00	+000000+00
+236746-08	+145433-08	+276308-10	+721394-12
+875622-14	+359263-33	+000000+00	+000000+00
+236746-08	+145433-08	+276308-10	+721394-12
+875622-14	+359263-33	+000000+00	+000000+00
+236746-08	+145433-08	+276308-10	+721394-12
+875622-14	+359263-33	+000000+00	+000000+00

SELENIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI	
5	7	+100000+13	
+208800-11	+131549-11	+205726-13	+180022-31
+000000+00	+000000+00	+000000+00	+000000+00
+208800-11	+131549-11	+205726-13	+180022-31
+000000+00	+000000+00	+000000+00	+000000+00
+208800-11	+131549-11	+205726-13	+180022-31
+000000+00	+000000+00	+000000+00	+000000+00
+208800-11	+131549-11	+205726-13	+180022-31
+000000+00	+000000+00	+000000+00	+000000+00
+208800-11	+131549-11	+205726-13	+180022-31
+000000+00	+000000+00	+000000+00	+000000+00
+208800-11	+131549-11	+205726-13	+180022-31
+000000+00	+000000+00	+000000+00	+000000+00
+208800-11	+131549-11	+205726-13	+180022-31
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
5	7	+100000+14	
+208800-10	+131549-10	+205726-12	+180022-30
+000000+00	+000000+00	+000000+00	+000000+00
+208800-10	+131549-10	+205726-12	+180022-30
+000000+00	+000000+00	+000000+00	+000000+00
+208800-10	+131549-10	+205726-12	+180022-30
+000000+00	+000000+00	+000000+00	+000000+00
+208800-10	+131549-10	+205726-12	+180022-30
+000000+00	+000000+00	+000000+00	+000000+00
+208800-10	+131549-10	+205726-12	+180022-30
+000000+00	+000000+00	+000000+00	+000000+00
+208800-10	+131549-10	+205726-12	+180022-30
+000000+00	+000000+00	+000000+00	+000000+00
+208800-10	+131549-10	+205726-12	+180022-30
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
5	7	+300000+14	
+626400-10	+394646-10	+617179-12	+540066-30
+000000+00	+000000+00	+000000+00	+000000+00
+626400-10	+394646-10	+617179-12	+540066-30
+000000+00	+000000+00	+000000+00	+000000+00
+626400-10	+394646-10	+617179-12	+540066-30
+000000+00	+000000+00	+000000+00	+000000+00
+626400-10	+394646-10	+617179-12	+540066-30
+000000+00	+000000+00	+000000+00	+000000+00
+626400-10	+394646-10	+617179-12	+540066-30
+000000+00	+000000+00	+000000+00	+000000+00
+626400-10	+394646-10	+617179-12	+540066-30
+000000+00	+000000+00	+000000+00	+000000+00
+626400-10	+394646-10	+617179-12	+540066-30
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
5	7	+100000+15	
+208800-09	+131549-09	+205726-11	+180022-29
+000000+00	+000000+00	+000000+00	+000000+00
+208800-09	+131549-09	+205726-11	+180022-29
+000000+00	+000000+00	+000000+00	+000000+00
+208800-09	+131549-09	+205726-11	+180022-29
+000000+00	+000000+00	+000000+00	+000000+00
+208800-09	+131549-09	+205726-11	+180022-29
+000000+00	+000000+00	+000000+00	+000000+00
+208800-09	+131549-09	+205726-11	+180022-29
+000000+00	+000000+00	+000000+00	+000000+00
+208800-09	+131549-09	+205726-11	+180022-29
+000000+00	+000000+00	+000000+00	+000000+00
+208800-09	+131549-09	+205726-11	+180022-29
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
5	7	+300000+15	
+626400-09	+394646-09	+617179-11	+540066-29
+000000+00	+000000+00	+000000+00	+000000+00
+626400-09	+394646-09	+617179-11	+540066-29
+000000+00	+000000+00	+000000+00	+000000+00
+626400-09	+394646-09	+617179-11	+540066-29
+000000+00	+000000+00	+000000+00	+000000+00
+626400-09	+394646-09	+617179-11	+540066-29
+000000+00	+000000+00	+000000+00	+000000+00
+626400-09	+394646-09	+617179-11	+540066-29
+000000+00	+000000+00	+000000+00	+000000+00
+626400-09	+394646-09	+617179-11	+540066-29
+000000+00	+000000+00	+000000+00	+000000+00
+626400-09	+394646-09	+617179-11	+540066-29
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
5	7	+100000+16	
+208800-08	+131549-08	+205726-10	+180022-28
+000000+00	+000000+00	+000000+00	+000000+00
+208800-08	+131549-08	+205726-10	+180022-28
+000000+00	+000000+00	+000000+00	+000000+00
+208800-08	+131549-08	+205726-10	+180022-28
+000000+00	+000000+00	+000000+00	+000000+00
+208800-08	+131549-08	+205726-10	+180022-28
+000000+00	+000000+00	+000000+00	+000000+00
+208800-08	+131549-08	+205726-10	+180022-28
+000000+00	+000000+00	+000000+00	+000000+00
+208800-08	+131549-08	+205726-10	+180022-28
+000000+00	+000000+00	+000000+00	+000000+00
+208800-08	+131549-08	+205726-10	+180022-28
+000000+00	+000000+00	+000000+00	+000000+00

SELENIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
5	8	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
5	8	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
5	8	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
5	8	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
5	8	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
5	8	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

SELENIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
5	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
5	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
5	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
5	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
5	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
5	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

BROMINE

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
6	1	+100000+13

+666034-07	+565067-07	+290017-07	+119123-07
+118901-07	+118901-07	+118908-07	+118978-07
+904116-07	+803138-07	+528022-07	+357015-07
+356702-07	+356702-07	+356723-07	+356935-07
+173650-06	+163552-06	+136040-06	+118936-06
+118900-06	+118901-06	+118908-06	+118978-06
+411450-06	+401352-06	+373840-06	+356736-06
+356699-06	+356701-06	+356723-06	+356934-06
+124374-05	+123364-05	+120613-05	+118903-05
+118899-05	+118900-05	+118907-05	+118977-05
+362166-05	+361156-05	+358405-05	+356694-05
+356690-05	+356692-05	+356713-05	+356925-05
+119436-04	+119335-04	+119060-04	+118889-04
+118889-04	+118889-04	+118896-04	+118967-04

ELEMENT	FUNCTION	PHI
6	1	+100000+14

+666035-06	+565068-06	+290017-06	+119123-06
+118901-06	+118901-06	+118908-06	+118978-06
+904119-06	+803142-06	+528026-06	+357017-06
+356700-06	+356701-06	+356722-06	+356934-06
+173651-05	+163553-05	+136041-05	+118936-05
+118899-05	+118899-05	+118906-05	+118977-05
+411447-05	+401349-05	+373836-05	+356729-05
+356687-05	+356689-05	+356710-05	+356922-05
+124364-04	+123354-04	+120602-04	+118891-04
+118885-04	+118886-04	+118893-04	+118963-04
+362051-04	+361041-04	+358289-04	+356575-04
+356565-04	+356567-04	+356588-04	+356800-04
+119301-03	+119200-03	+118924-03	+118752-03
+118750-03	+118750-03	+118757-03	+118828-03

ELEMENT	FUNCTION	PHI
6	1	+300000+14

+199811-05	+169521-05	+870056-06	+357371-06
+356701-06	+356701-06	+356722-06	+356934-06
+271238-05	+240945-05	+158410-05	+107106-05
+107009-05	+107009-05	+107016-05	+107079-05
+520962-05	+490669-05	+408132-05	+356811-05
+356687-05	+356689-05	+356710-05	+356922-05
+123432-04	+120403-04	+112149-04	+107014-04
+106998-04	+106998-04	+107005-04	+107068-04
+373020-04	+369991-04	+361735-04	+356592-04
+356563-04	+356565-04	+356586-04	+356797-04
+108538-03	+108236-03	+107410-03	+106893-03
+106886-03	+106887-03	+106893-03	+106957-03
+357000-03	+356697-03	+355870-03	+355345-03
+355325-03	+355327-03	+355348-03	+355559-03

ELEMENT	FUNCTION	PHI
6	1	+100000+15

+666041-05	+565074-05	+290023-05	+119126-05
+118899-05	+118899-05	+118906-05	+118977-05
+904157-05	+803180-05	+528061-05	+357034-05
+356688-05	+356689-05	+356710-05	+356922-05
+173665-04	+163567-04	+136053-04	+118939-04
+118885-04	+118885-04	+118893-04	+118963-04
+411416-04	+401318-04	+373801-04	+356659-04
+356563-04	+356564-04	+356585-04	+356797-04
+124258-03	+123248-03	+120495-03	+118771-03
+118746-03	+118747-03	+118754-03	+118824-03
+360902-03	+359892-03	+357135-03	+355385-03
+355317-03	+355319-03	+355340-03	+355552-03
+117956-02	+117855-02	+117578-02	+117393-02
+117372-02	+117372-02	+117379-02	+117450-02

ELEMENT	FUNCTION	PHI
6	1	+300000+15

+199816-04	+169526-04	+870107-05	+357398-05
+356690-05	+356690-05	+356711-05	+356922-05
+271273-04	+240979-04	+158442-04	+107122-04
+106999-04	+106999-04	+107005-04	+107068-04
+521084-04	+490789-04	+408240-04	+356830-04
+356564-04	+356565-04	+356586-04	+356797-04
+123405-03	+120375-03	+112117-03	+106951-03
+106886-03	+106886-03	+106892-03	+106956-03
+372068-03	+369037-03	+360768-03	+355518-03
+355317-03	+355317-03	+355338-03	+355550-03
+107511-02	+107207-02	+106377-02	+105828-02
+105770-02	+105770-02	+105776-02	+105840-02
+345120-02	+344816-02	+343975-02	+343345-02
+343167-02	+343168-02	+343179-02	+343390-02

ELEMENT	FUNCTION	PHI
6	1	+100000+16

+666101-04	+565133-04	+290079-04	+119156-04
+118887-04	+118886-04	+118894-04	+118964-04
+904537-04	+803556-04	+528414-04	+357205-04
+356569-04	+356567-04	+356588-04	+356800-04
+173799-03	+163700-03	+136174-03	+118960-03
+118748-03	+118748-03	+118755-03	+118825-03
+411112-03	+401009-03	+373448-03	+355964-03
+355322-03	+355319-03	+355340-03	+355552-03
+123206-02	+122194-02	+119426-02	+117584-02
+117371-02	+117370-02	+117377-02	+117448-02
+349696-02	+348681-02	+345879-02	+343780-02
+343155-02	+343152-02	+343174-02	+343385-02
+105580-01	+105477-01	+105186-01	+104896-01
+104705-01	+104705-01	+104712-01	+104782-01

BROMINE

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
6	2	+100000+13

+136062-20	+201830-21	+402624-22	+281291-25
+115259-28	+000000+00	+000000+00	+000000+00
+136065-20	+201857-21	+402766-22	+294819-25
+222276-28	+000000+00	+000000+00	+000000+00
+136065-20	+201858-21	+402777-22	+301821-25
+278025-28	+000000+00	+000000+00	+000000+00
+136065-20	+201859-21	+402778-22	+302616-25
+284359-28	+000000+00	+000000+00	+000000+00
+136066-20	+201859-21	+402782-22	+304834-25
+302019-28	+000000+00	+000000+00	+000000+00
+136066-20	+201860-21	+402792-22	+311170-25
+352473-28	+000000+00	+000000+00	+000000+00
+136066-20	+201864-21	+402828-22	+333345-25
+529042-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
6	2	+100000+14

+136062-19	+201830-20	+402624-21	+281353-24
+115747-27	+000000+00	+000000+00	+000000+00
+136065-19	+201857-20	+402767-21	+295243-24
+225654-27	+000000+00	+000000+00	+000000+00
+136066-19	+201859-20	+402781-21	+304136-24
+296460-27	+000000+00	+000000+00	+000000+00
+136066-19	+201860-20	+402791-21	+310631-24
+348183-27	+000000+00	+000000+00	+000000+00
+136066-19	+201864-20	+402827-21	+332806-24
+524752-27	+000000+00	+000000+00	+000000+00
+136067-19	+201874-20	+402930-21	+396141-24
+102906-26	+000000+00	+000000+00	+000000+00
+136071-19	+201912-20	+403289-21	+617553-24
+279208-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
6	2	+300000+14

+408187-19	+605491-20	+120787-20	+844471-24
+350527-27	+000000+00	+000000+00	+000000+00
+408196-19	+605572-20	+120830-20	+888566-24
+699541-27	+000000+00	+000000+00	+000000+00
+408197-19	+605579-20	+120837-20	+927851-24
+101235-26	+000000+00	+000000+00	+000000+00
+408198-19	+605589-20	+120846-20	+985334-24
+147007-26	+000000+00	+000000+00	+000000+00
+408201-19	+605623-20	+120878-20	+118484-23
+305868-26	+000000+00	+000000+00	+000000+00
+408211-19	+605720-20	+120971-20	+175427-23
+759278-26	+000000+00	+000000+00	+000000+00
+408245-19	+606058-20	+121293-20	+374027-23
+234066-25	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
6	2	+100000+15

+136062-18	+201830-19	+402625-20	+281972-23
+120674-26	+000000+00	+000000+00	+000000+00
+136065-18	+201858-19	+402773-20	+299497-23
+259521-26	+000000+00	+000000+00	+000000+00
+136066-18	+201863-19	+402818-20	+327299-23
+480898-26	+000000+00	+000000+00	+000000+00
+136067-18	+201874-19	+402921-20	+390770-23
+986298-26	+000000+00	+000000+00	+000000+00
+136071-18	+201911-19	+403280-20	+612192-23
+274939-25	+000000+00	+000000+00	+000000+00
+136082-18	+202019-19	+404303-20	+124261-22
+776916-25	+000000+00	+000000+00	+000000+00
+136119-18	+202390-19	+407839-20	+342344-22
+251342-24	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
6	2	+300000+15

+408187-18	+605492-19	+120788-19	+850039-23
+394867-26	+000000+00	+000000+00	+000000+00
+408197-18	+605579-19	+120837-19	+926842-23
+100432-25	+000000+00	+000000+00	+000000+00
+408200-18	+605615-19	+120871-19	+113627-22
+267187-25	+000000+00	+000000+00	+000000+00
+408210-18	+605712-19	+120963-19	+170600-22
+720846-25	+000000+00	+000000+00	+000000+00
+408244-18	+606050-19	+121285-19	+369227-22
+230243-24	+000000+00	+000000+00	+000000+00
+408340-18	+607005-19	+122196-19	+930793-22
+677396-24	+000000+00	+000000+00	+000000+00
+408665-18	+610235-19	+125273-19	+282870-21
+218862-23	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
6	2	+100000+16

+136063-17	+201831-18	+402635-19	+288157-22
+169928-25	+000000+00	+000000+00	+000000+00
+136066-17	+201865-18	+402842-19	+342014-22
+598072-25	+000000+00	+000000+00	+000000+00
+136070-17	+201902-18	+403194-19	+558670-22
+232322-24	+000000+00	+000000+00	+000000+00
+136081-17	+202009-18	+404216-19	+118925-21
+734427-24	+000000+00	+000000+00	+000000+00
+136118-17	+202381-18	+407754-19	+337104-21
+247170-23	+000000+00	+000000+00	+000000+00
+136221-17	+203405-18	+417513-19	+939031-21
+726460-23	+000000+00	+000000+00	+000000+00
+136542-17	+206598-18	+447939-19	+281553-20
+222065-22	+000000+00	+000000+00	+000000+00

BROMINE

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
6	3	+100000+13	
+120201-22	+185400-23	+683542-25	+389536-28
+245947-30	+000000+00	+000000+00	+000000+00
+120202-22	+185405-23	+684043-25	+676352-28
+474306-30	+000000+00	+000000+00	+000000+00
+120202-22	+185408-23	+684285-25	+825753-28
+593268-30	+000000+00	+000000+00	+000000+00
+120202-22	+185408-23	+684313-25	+842727-28
+606784-30	+000000+00	+000000+00	+000000+00
+120202-22	+185409-23	+684389-25	+890052-28
+644467-30	+000000+00	+000000+00	+000000+00
+120202-22	+185411-23	+684609-25	+102526-27
+752129-30	+000000+00	+000000+00	+000000+00
+120203-22	+185419-23	+685376-25	+149844-27
+112890-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	3	+100000+14	
+120201-21	+185400-22	+683544-24	+390844-27
+246989-29	+000000+00	+000000+00	+000000+00
+120202-21	+185405-22	+684058-24	+685404-27
+481514-29	+000000+00	+000000+00	+000000+00
+120202-21	+185409-22	+684365-24	+875155-27
+632605-29	+000000+00	+000000+00	+000000+00
+120202-21	+185411-22	+684590-24	+101376-26
+742974-29	+000000+00	+000000+00	+000000+00
+120203-21	+185419-22	+685357-24	+148695-26
+111975-28	+000000+00	+000000+00	+000000+00
+120205-21	+185442-22	+687549-24	+283842-26
+219588-28	+000000+00	+000000+00	+000000+00
+120213-21	+185523-22	+695209-24	+756306-26
+595791-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	3	+300000+14	
+360603-21	+556199-22	+205065-23	+118134-26
+747977-29	+000000+00	+000000+00	+000000+00
+360605-21	+556217-22	+205227-23	+211672-26
+149273-28	+000000+00	+000000+00	+000000+00
+360606-21	+556232-22	+205363-23	+295501-26
+216022-28	+000000+00	+000000+00	+000000+00
+360609-21	+556253-22	+205562-23	+418163-26
+313693-28	+000000+00	+000000+00	+000000+00
+360616-21	+556325-22	+206252-23	+843887-26
+652680-28	+000000+00	+000000+00	+000000+00
+360637-21	+556532-22	+208222-23	+205896-25
+162020-27	+000000+00	+000000+00	+000000+00
+360709-21	+557253-22	+215094-23	+629683-25
+495464-27	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	3	+100000+15	
+120201-20	+185400-21	+683565-23	+404048-26
+257503-28	+000000+00	+000000+00	+000000+00
+120202-20	+185407-21	+684205-23	+776165-26
+553783-28	+000000+00	+000000+00	+000000+00
+120203-20	+185417-21	+685167-23	+136942-25
+102617-27	+000000+00	+000000+00	+000000+00
+120205-20	+185440-21	+687363-23	+272382-25
+210463-27	+000000+00	+000000+00	+000000+00
+120213-20	+185521-21	+695024-23	+744866-25
+586683-27	+000000+00	+000000+00	+000000+00
+120236-20	+185749-21	+716835-23	+209009-24
+165783-26	+000000+00	+000000+00	+000000+00
+120316-20	+186541-21	+792289-23	+674368-24
+536330-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	3	+300000+15	
+360603-20	+556201-21	+205084-22	+130016-25
+842592-28	+000000+00	+000000+00	+000000+00
+360606-20	+556231-21	+205360-22	+293349-25
+214308-27	+000000+00	+000000+00	+000000+00
+360614-20	+556307-21	+206084-22	+740230-25
+570142-27	+000000+00	+000000+00	+000000+00
+360635-20	+556514-21	+208055-22	+195597-24
+153819-26	+000000+00	+000000+00	+000000+00
+360707-20	+557236-21	+214928-22	+619440-24
+491308-26	+000000+00	+000000+00	+000000+00
+360912-20	+559275-21	+234357-22	+181775-23
+144547-25	+000000+00	+000000+00	+000000+00
+361605-20	+566166-21	+300022-22	+586762-23
+467022-25	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	3	+100000+16	
+120201-19	+185402-20	+683779-22	+536040-25
+362603-27	+000000+00	+000000+00	+000000+00
+120203-19	+185422-20	+685676-22	+168343-24
+127620-26	+000000+00	+000000+00	+000000+00
+120211-19	+185501-20	+693172-22	+630658-24
+495743-26	+000000+00	+000000+00	+000000+00
+120234-19	+185730-20	+714989-22	+197623-23
+156717-25	+000000+00	+000000+00	+000000+00
+120314-19	+186522-20	+790477-22	+663187-23
+527427-25	+000000+00	+000000+00	+000000+00
+120534-19	+188708-20	+998736-22	+194762-22
+155017-24	+000000+00	+000000+00	+000000+00
+121219-19	+195522-20	+164798-21	+595182-22
+473855-24	+000000+00	+000000+00	+000000+00

BROMINE

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
6	4	+100000+13

+257616-22	+280766-23	+160689-24	+898282-28
+256878-30	+000000+00	+000000+00	+000000+00
+257617-22	+280777-23	+160764-24	+119801-27
+495387-30	+000000+00	+000000+00	+000000+00
+257618-22	+280779-23	+160789-24	+135405-27
+619636-30	+000000+00	+000000+00	+000000+00
+257618-22	+280780-23	+160792-24	+137178-27
+633752-30	+000000+00	+000000+00	+000000+00
+257618-22	+280780-23	+160800-24	+142120-27
+673110-30	+000000+00	+000000+00	+000000+00
+257618-22	+280783-23	+160823-24	+156242-27
+785557-30	+000000+00	+000000+00	+000000+00
+257619-22	+280791-23	+160903-24	+205664-27
+117908-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
6	4	+100000+14

+257616-21	+280766-22	+160690-23	+899648-27
+257966-29	+000000+00	+000000+00	+000000+00
+257617-21	+280777-22	+160765-23	+120746-26
+502915-29	+000000+00	+000000+00	+000000+00
+257618-21	+280780-22	+160797-23	+140565-26
+660721-29	+000000+00	+000000+00	+000000+00
+257618-21	+280783-22	+160821-23	+155042-26
+775995-29	+000000+00	+000000+00	+000000+00
+257619-21	+280791-22	+160901-23	+204463-26
+116952-28	+000000+00	+000000+00	+000000+00
+257621-21	+280815-22	+161130-23	+345617-26
+229347-28	+000000+00	+000000+00	+000000+00
+257630-21	+280899-22	+161930-23	+839079-26
+622271-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
6	4	+300000+14

+772849-21	+842299-22	+482070-23	+270814-26
+781220-29	+000000+00	+000000+00	+000000+00
+772852-21	+842331-22	+482306-23	+368559-26
+155907-28	+000000+00	+000000+00	+000000+00
+772854-21	+842346-22	+482448-23	+456113-26
+225623-28	+000000+00	+000000+00	+000000+00
+772856-21	+842368-22	+482656-23	+584226-26
+327635-28	+000000+00	+000000+00	+000000+00
+772864-21	+842444-22	+483377-23	+102887-25
+681688-28	+000000+00	+000000+00	+000000+00
+772885-21	+842660-22	+485434-23	+229795-25
+169220-27	+000000+00	+000000+00	+000000+00
+772961-21	+843413-22	+492614-23	+672417-25
+521663-27	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
6	4	+100000+15

+257616-20	+280766-21	+160692-22	+913439-26
+268947-28	+000000+00	+000000+00	+000000+00
+257618-20	+280778-21	+160781-22	+130226-25
+578396-28	+000000+00	+000000+00	+000000+00
+257619-20	+280789-21	+160881-22	+192188-25
+107178-27	+000000+00	+000000+00	+000000+00
+257621-20	+280813-21	+161110-22	+333648-25
+219816-27	+000000+00	+000000+00	+000000+00
+257629-20	+280897-21	+161911-22	+827131-25
+612758-27	+000000+00	+000000+00	+000000+00
+257654-20	+281136-21	+164189-22	+223215-24
+173151-26	+000000+00	+000000+00	+000000+00
+257737-20	+281963-21	+172069-22	+709256-24
+560166-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
6	4	+300000+15

+772849-20	+842301-21	+482090-22	+283225-25
+880040-28	+000000+00	+000000+00	+000000+00
+772854-20	+842346-21	+482444-22	+453865-25
+223833-27	+000000+00	+000000+00	+000000+00
+772862-20	+842425-21	+483201-22	+920607-25
+595481-27	+000000+00	+000000+00	+000000+00
+772883-20	+842641-21	+485260-22	+219038-24
+160655-26	+000000+00	+000000+00	+000000+00
+772959-20	+843395-21	+492438-22	+661718-24
+513144-26	+000000+00	+000000+00	+000000+00
+773173-20	+845524-21	+512731-22	+191328-23
+150971-25	+000000+00	+000000+00	+000000+00
+773897-20	+852722-21	+581314-22	+614315-23
+487779-25	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
6	4	+100000+16

+257617-19	+280769-20	+160714-21	+105130-24
+378718-27	+000000+00	+000000+00	+000000+00
+257619-19	+280795-20	+160934-21	+224985-24
+133292-26	+000000+00	+000000+00	+000000+00
+257627-19	+280877-20	+161717-21	+707847-24
+517776-26	+000000+00	+000000+00	+000000+00
+257651-19	+281116-20	+163996-21	+211322-23
+163682-25	+000000+00	+000000+00	+000000+00
+257735-19	+281943-20	+171880-21	+697578-23
+550868-25	+000000+00	+000000+00	+000000+00
+257964-19	+284226-20	+193632-21	+203909-22
+161906-24	+000000+00	+000000+00	+000000+00
+258680-19	+291343-20	+261442-21	+622126-22
+494916-24	+000000+00	+000000+00	+000000+00

BROMINE

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
6	5	+100000+13	
+297055-31	+299964-31	+308035-31	+309140-31
+309141-31	+309148-31	+309220-31	+309940-31
+915335-31	+918244-31	+926315-31	+927420-31
+927422-31	+927444-31	+927660-31	+929819-31
+307932-30	+308222-30	+309029-30	+309140-30
+309141-30	+309148-30	+309220-30	+309940-30
+926212-30	+926502-30	+927309-30	+927420-30
+927422-30	+927444-30	+927660-30	+929819-30
+309019-29	+309048-29	+309129-29	+309140-29
+309141-29	+309148-29	+309220-29	+309940-29
+927299-29	+927328-29	+927409-29	+927420-29
+927422-29	+927444-29	+927660-29	+929819-29
+309128-28	+309131-28	+309139-28	+309140-28
+309141-28	+309148-28	+309220-28	+309939-28

ELEMENT	FUNCTION	PHI	
6	5	+100000+14	
+297055-30	+299963-30	+308035-30	+309140-30
+309140-30	+309148-30	+309220-30	+309939-30
+915332-30	+918240-30	+926311-30	+927417-30
+927419-30	+927441-30	+927657-30	+929816-30
+307928-29	+308219-29	+309026-29	+309137-29
+309137-29	+309145-29	+309217-29	+309936-29
+926179-29	+926470-29	+927277-29	+927388-29
+927390-29	+927412-29	+927628-29	+929787-29
+308983-28	+309012-28	+309093-28	+309104-28
+309105-28	+309112-28	+309184-28	+309904-28
+926974-28	+927003-28	+927084-28	+927095-28
+927097-28	+927119-28	+927335-28	+929494-28
+308766-27	+308769-27	+308777-27	+308778-27
+308779-27	+308786-27	+308858-27	+309578-27

ELEMENT	FUNCTION	PHI	
6	5	+300000+14	
+891162-30	+899888-30	+924101-30	+927417-30
+927419-30	+927441-30	+927657-30	+929816-30
+274597-29	+275470-29	+277891-29	+278223-29
+278224-29	+278230-29	+278295-29	+278943-29
+923760-29	+924633-29	+927054-29	+927386-29
+927388-29	+927410-29	+927626-29	+929785-29
+277832-28	+277919-28	+278162-28	+278195-28
+278195-28	+278202-28	+278267-28	+278914-28
+926708-28	+926796-28	+927038-28	+927071-28
+927074-28	+927095-28	+927311-28	+929470-28
+277875-27	+277884-27	+277908-27	+277912-27
+277912-27	+277919-27	+277984-27	+278631-27
+923896-27	+923904-27	+923928-27	+923932-27
+923934-27	+923966-27	+924172-27	+926331-27

ELEMENT	FUNCTION	PHI	
6	5	+100000+15	
+297051-29	+299960-29	+308031-29	+309136-29
+309137-29	+309144-29	+309216-29	+309936-29
+915300-29	+918209-29	+926280-29	+927385-29
+927387-29	+927409-29	+927625-29	+929784-29
+307892-28	+308183-28	+308990-28	+309100-28
+309101-28	+309108-28	+309180-28	+309900-28
+925854-28	+926145-28	+926952-28	+927063-28
+927065-28	+927087-28	+927303-28	+929462-28
+308622-27	+308651-27	+308732-27	+308743-27
+308744-27	+308751-27	+308823-27	+309542-27
+923728-27	+923757-27	+923838-27	+923849-27
+923851-27	+923875-27	+924089-27	+926248-27
+305183-26	+305186-26	+305194-26	+305195-26
+305196-26	+305203-26	+305275-26	+305994-26

ELEMENT	FUNCTION	PHI	
6	5	+300000+15	
+891132-29	+899858-29	+924071-29	+927387-29
+927389-29	+927411-29	+927627-29	+929786-29
+274569-28	+275441-28	+277863-28	+278194-28
+278195-28	+278202-28	+278266-28	+278914-28
+923437-28	+924310-28	+926731-28	+927063-28
+927065-28	+927087-28	+927302-28	+929461-28
+277540-27	+277627-27	+277869-27	+277903-27
+277903-27	+277910-27	+277975-27	+278622-27
+923465-27	+923552-27	+923794-27	+923827-27
+923830-27	+923851-27	+924067-27	+926226-27
+274971-26	+274980-26	+275004-26	+275007-26
+275008-26	+275015-26	+275079-26	+275727-26
+892248-26	+892257-26	+892281-26	+892285-26
+892287-26	+892308-26	+892524-26	+894683-26

ELEMENT	FUNCTION	PHI	
6	5	+100000+16	
+297018-28	+299927-28	+307998-28	+309103-28
+309104-28	+309111-28	+309183-28	+309903-28
+914983-28	+917892-28	+925963-28	+927068-28
+927070-28	+927092-28	+927308-28	+929467-28
+307533-27	+307824-27	+308631-27	+308742-27
+308743-27	+308760-27	+308822-27	+309542-27
+922617-27	+922908-27	+923715-27	+923825-27
+923828-27	+923849-27	+924065-27	+926224-27
+305042-26	+305071-26	+305152-26	+305163-26
+305164-26	+305171-26	+305243-26	+305962-26
+892094-26	+892123-26	+892203-26	+892215-26
+892217-26	+892238-26	+892454-26	+894613-26
+272240-25	+272243-25	+272251-25	+272252-25
+272253-25	+272260-25	+272332-25	+273051-25

BROMINE

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI	
6	6	+100000+13	
+278301-11	+263277-11	+134417-11	+987221-15
+000000+00	+000000+00	+000000+00	+000000+00
+278400-11	+263368-11	+134461-11	+987546-15
+000000+00	+000000+00	+000000+00	+000000+00
+278400-11	+263368-11	+134461-11	+987546-15
+000000+00	+000000+00	+000000+00	+000000+00
+278400-11	+263368-11	+134461-11	+987546-15
+000000+00	+000000+00	+000000+00	+000000+00
+278400-11	+263368-11	+134461-11	+987546-15
+000000+00	+000000+00	+000000+00	+000000+00
+278400-11	+263368-11	+134461-11	+987546-15
+000000+00	+000000+00	+000000+00	+000000+00
+278400-11	+263368-11	+134461-11	+987546-15
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	6	+100000+14	
+278301-10	+263277-10	+134417-10	+987221-14
+000000+00	+000000+00	+000000+00	+000000+00
+278400-10	+263368-10	+134461-10	+987546-14
+000000+00	+000000+00	+000000+00	+000000+00
+278400-10	+263368-10	+134461-10	+987546-14
+000000+00	+000000+00	+000000+00	+000000+00
+278400-10	+263368-10	+134461-10	+987546-14
+000000+00	+000000+00	+000000+00	+000000+00
+278400-10	+263368-10	+134461-10	+987546-14
+000000+00	+000000+00	+000000+00	+000000+00
+278400-10	+263368-10	+134461-10	+987546-14
+000000+00	+000000+00	+000000+00	+000000+00
+278400-10	+263368-10	+134461-10	+987546-14
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	6	+300000+14	
+834904-10	+789830-10	+403251-10	+296166-13
+000000+00	+000000+00	+000000+00	+000000+00
+835200-10	+790103-10	+403384-10	+296264-13
+000000+00	+000000+00	+000000+00	+000000+00
+835200-10	+790103-10	+403384-10	+296264-13
+000000+00	+000000+00	+000000+00	+000000+00
+835200-10	+790103-10	+403384-10	+296264-13
+000000+00	+000000+00	+000000+00	+000000+00
+835200-10	+790103-10	+403384-10	+296264-13
+000000+00	+000000+00	+000000+00	+000000+00
+835200-10	+790103-10	+403384-10	+296264-13
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	6	+100000+15	
+278301-09	+263277-09	+134417-09	+987221-13
+000000+00	+000000+00	+000000+00	+000000+00
+278400-09	+263368-09	+134461-09	+987546-13
+000000+00	+000000+00	+000000+00	+000000+00
+278400-09	+263368-09	+134461-09	+987546-13
+000000+00	+000000+00	+000000+00	+000000+00
+278400-09	+263368-09	+134461-09	+987546-13
+000000+00	+000000+00	+000000+00	+000000+00
+278400-09	+263368-09	+134461-09	+987546-13
+000000+00	+000000+00	+000000+00	+000000+00
+278400-09	+263368-09	+134461-09	+987546-13
+000000+00	+000000+00	+000000+00	+000000+00
+278400-09	+263368-09	+134461-09	+987546-13
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	6	+300000+15	
+834904-09	+789830-09	+403251-09	+296166-12
+000000+00	+000000+00	+000000+00	+000000+00
+835200-09	+790103-09	+403384-09	+296264-12
+000000+00	+000000+00	+000000+00	+000000+00
+835200-09	+790103-09	+403384-09	+296264-12
+000000+00	+000000+00	+000000+00	+000000+00
+835200-09	+790103-09	+403384-09	+296264-12
+000000+00	+000000+00	+000000+00	+000000+00
+835200-09	+790103-09	+403384-09	+296264-12
+000000+00	+000000+00	+000000+00	+000000+00
+835200-09	+790103-09	+403384-09	+296264-12
+000000+00	+000000+00	+000000+00	+000000+00
+835200-09	+790103-09	+403384-09	+296264-12
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	6	+100000+16	
+278301-08	+263277-08	+134417-08	+987221-12
+000000+00	+000000+00	+000000+00	+000000+00
+278400-08	+263368-08	+134461-08	+987546-12
+000000+00	+000000+00	+000000+00	+000000+00
+278400-08	+263368-08	+134461-08	+987546-12
+000000+00	+000000+00	+000000+00	+000000+00
+278400-08	+263368-08	+134461-08	+987546-12
+000000+00	+000000+00	+000000+00	+000000+00
+278400-08	+263368-08	+134461-08	+987546-12
+000000+00	+000000+00	+000000+00	+000000+00
+278400-08	+263368-08	+134461-08	+987546-12
+000000+00	+000000+00	+000000+00	+000000+00
+278400-08	+263368-08	+134461-08	+987546-12
+000000+00	+000000+00	+000000+00	+000000+00

BROMINE

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI	
6	7	+100000+13	
+957009-11	+697460-11	+218267-12	+535577-16
+426459-18	+000000+00	+000000+00	+000000+00
+957018-11	+697469-11	+218347-12	+103285-15
+822421-18	+000000+00	+000000+00	+000000+00
+957022-11	+697473-11	+218389-12	+129191-15
+102869-17	+000000+00	+000000+00	+000000+00
+957023-11	+697473-11	+218394-12	+132134-15
+105213-17	+000000+00	+000000+00	+000000+00
+957024-11	+697475-11	+218407-12	+140340-15
+111747-17	+000000+00	+000000+00	+000000+00
+957028-11	+697479-11	+218445-12	+163784-15
+130415-17	+000000+00	+000000+00	+000000+00
+957042-11	+697493-11	+218578-12	+245831-15
+196746-17	+200558-38	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	7	+100000+14	
+957009-10	+697460-10	+218267-11	+537845-15
+428264-17	+438794-38	+000000+00	+000000+00
+957018-10	+697469-10	+218350-11	+104855-14
+834918-17	+855446-38	+000000+00	+000000+00
+957024-10	+697474-10	+218403-11	+137757-14
+109690-16	+112387-37	+000000+00	+000000+00
+957028-10	+697478-10	+218442-11	+161791-14
+128828-16	+131996-37	+000000+00	+000000+00
+957042-10	+697492-10	+218575-11	+243838-14
+194158-16	+198932-37	+000000+00	+000000+00
+957082-10	+697532-10	+218955-11	+478176-14
+380753-16	+390114-37	+000000+00	+000000+00
+957222-10	+697672-10	+220283-11	+129740-13
+103307-15	+105847-36	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	7	+300000+14	
+287103-09	+209238-09	+654804-11	+162880-14
+129695-16	+132884-37	+000000+00	+000000+00
+287106-09	+209241-09	+655067-11	+325057-14
+258830-16	+265194-37	+000000+00	+000000+00
+287108-09	+209243-09	+655302-11	+470411-14
+374569-16	+383778-37	+000000+00	+000000+00
+287112-09	+209247-09	+655647-11	+683100-14
+543925-16	+557298-37	+000000+00	+000000+00
+287124-09	+209259-09	+656844-11	+142128-13
+113171-15	+115963-36	+000000+00	+000000+00
+287160-09	+209295-09	+660260-11	+352816-13
+280933-15	+287840-36	+000000+00	+000000+00
+287286-09	+209420-09	+672175-11	+108764-12
+866043-15	+887335-36	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	7	+100000+15	
+957010-09	+697460-09	+218271-10	+560741-14
+446495-16	+457473-37	+000000+00	+000000+00
+957021-09	+697471-09	+218375-10	+120592-13
+960229-16	+983837-37	+000000+00	+000000+00
+957038-09	+697489-09	+218542-10	+223460-13
+177932-15	+182307-36	+000000+00	+000000+00
+957078-09	+697529-09	+218923-10	+458305-13
+364930-15	+373902-36	+000000+00	+000000+00
+957219-09	+697668-09	+220251-10	+127757-12
+101727-14	+104229-35	+000000+00	+000000+00
+957618-09	+698065-09	+224033-10	+361011-12
+287459-14	+294526-35	+000000+00	+000000+00
+958998-09	+699438-09	+237117-10	+116792-11
+929965-14	+952830-35	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	7	+300000+15	
+287103-08	+209238-08	+654837-10	+183484-13
+146101-15	+149693-36	+000000+00	+000000+00
+287108-08	+209243-08	+655296-10	+466680-13
+371599-15	+380735-36	+000000+00	+000000+00
+287121-08	+209256-08	+656553-10	+124155-12
+988593-15	+101290-35	+000000+00	+000000+00
+287157-08	+209292-08	+659971-10	+334957-12
+266713-14	+273270-35	+000000+00	+000000+00
+287283-08	+209417-08	+671887-10	+106988-11
+851900-14	+872845-35	+000000+00	+000000+00
+287639-08	+209771-08	+705576-10	+314767-11
+250636-13	+256799-34	+000000+00	+000000+00
+288840-08	+210966-08	+819436-10	+101699-10
+809790-13	+829700-34	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	7	+100000+16	
+957014-08	+697464-08	+218308-09	+789607-13
+628732-15	+644191-36	+000000+00	+000000+00
+957048-08	+697498-08	+218630-09	+277908-12
+221287-14	+226727-35	+000000+00	+000000+00
+957185-08	+697635-08	+219930-09	+107954-11
+859591-14	+880725-35	+000000+00	+000000+00
+957584-08	+698032-08	+223713-09	+341268-11
+271738-13	+278419-34	+000000+00	+000000+00
+958965-08	+699405-08	+236802-09	+114853-10
+914528-13	+937013-34	+000000+00	+000000+00
+962775-08	+703195-08	+272913-09	+337566-10
+268790-12	+276399-33	+000000+00	+000000+00
+974654-08	+715010-08	+385489-09	+103187-09
+821639-12	+841840-33	+000000+00	+000000+00

BROMINE

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI	
6	8	+100000+13	
+183260-15	+182279-15	+173679-15	+107115-15
+852917-18	+000000+00	+000000+00	+000000+00
+353415-15	+351522-15	+334937-15	+206571-15
+164484-17	+000000+00	+000000+00	+000000+00
+442056-15	+439689-15	+418944-15	+258381-15
+205739-17	+000000+00	+000000+00	+000000+00
+452127-15	+449705-15	+428488-15	+264268-15
+210426-17	+000000+00	+000000+00	+000000+00
+480205-15	+477633-15	+455098-15	+280680-15
+223494-17	+000000+00	+000000+00	+000000+00
+560427-15	+557425-15	+531126-15	+327569-15
+260830-17	+000000+00	+000000+00	+000000+00
+841169-15	+836664-15	+797190-15	+491663-15
+391491-17	+401116-38	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	8	+100000+14	
+184036-14	+183051-14	+174414-14	+107569-14
+856529-17	+877587-38	+000000+00	+000000+00
+358786-14	+356864-14	+340027-14	+209710-14
+166984-16	+171089-37	+000000+00	+000000+00
+471367-14	+468842-14	+446722-14	+275513-14
+219380-16	+224774-37	+000000+00	+000000+00
+553605-14	+550640-14	+524660-14	+323582-14
+257655-16	+263990-37	+000000+00	+000000+00
+834349-14	+829880-14	+790726-14	+487676-14
+388317-16	+397864-37	+000000+00	+000000+00
+163619-13	+162743-13	+155065-13	+956352-14
+761505-16	+780228-37	+000000+00	+000000+00
+443936-13	+441558-13	+420725-13	+259480-13
+206614-15	+211694-36	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	8	+300000+14	
+557332-14	+554348-14	+528193-14	+325760-14
+259390-16	+265767-37	+000000+00	+000000+00
+111226-13	+110630-13	+105411-13	+650115-14
+517660-16	+530388-37	+000000+00	+000000+00
+160962-13	+160100-13	+152546-13	+940822-14
+749138-16	+767567-37	+000000+00	+000000+00
+233739-13	+232487-13	+221518-13	+136620-13
+108785-15	+111460-36	+000000+00	+000000+00
+486325-13	+483720-13	+460898-13	+284256-13
+226342-15	+231907-36	+000000+00	+000000+00
+120724-12	+120078-12	+114412-12	+705631-13
+561866-15	+575680-36	+000000+00	+000000+00
+372161-12	+370168-12	+352703-12	+217528-12
+173209-14	+177467-35	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	8	+100000+15	
+191871-13	+190843-13	+181839-13	+112148-13
+892991-16	+914946-37	+000000+00	+000000+00
+412635-13	+410425-13	+391061-13	+241185-13
+192046-15	+196767-36	+000000+00	+000000+00
+764620-13	+760525-13	+724643-13	+446920-13
+355864-15	+364614-36	+000000+00	+000000+00
+156820-12	+155980-12	+148621-12	+916611-13
+729860-15	+747806-36	+000000+00	+000000+00
+437149-12	+434808-12	+414293-12	+255513-12
+203455-14	+208457-35	+000000+00	+000000+00
+123528-11	+122867-11	+117070-11	+722023-12
+574918-14	+589053-35	+000000+00	+000000+00
+399630-11	+397490-11	+378736-11	+233583-11
+185993-13	+190566-34	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	8	+300000+15	
+627832-13	+624469-13	+595007-13	+366967-13
+292201-15	+299386-36	+000000+00	+000000+00
+159686-12	+158830-12	+151337-12	+933361-13
+743198-15	+761470-36	+000000+00	+000000+00
+424824-12	+422549-12	+402613-12	+248309-12
+197719-14	+202580-35	+000000+00	+000000+00
+114613-11	+114000-11	+108621-11	+669914-12
+533426-14	+546541-35	+000000+00	+000000+00
+366083-11	+364123-11	+346943-11	+213975-11
+170380-13	+174569-34	+000000+00	+000000+00
+107705-10	+107128-10	+102074-10	+629534-11
+501273-13	+513597-34	+000000+00	+000000+00
+347988-10	+346124-10	+329794-10	+203398-10
+161958-12	+165940-33	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	8	+100000+16	
+270182-12	+268735-12	+256056-12	+157921-12
+125746-14	+128838-35	+000000+00	+000000+00
+950925-12	+945833-12	+901208-12	+555815-12
+442573-14	+453455-35	+000000+00	+000000+00
+369388-11	+367410-11	+350075-11	+215907-11
+171918-13	+176145-34	+000000+00	+000000+00
+116773-10	+116147-10	+110668-10	+682536-11
+543476-13	+556838-34	+000000+00	+000000+00
+392996-10	+390891-10	+372449-10	+229706-10
+182906-12	+187403-33	+000000+00	+000000+00
+115506-09	+114887-09	+109467-09	+675132-10
+537580-12	+550797-33	+000000+00	+000000+00
+353079-09	+351188-09	+334619-09	+206374-09
+164328-11	+168368-32	+000000+00	+000000+00

BROMINE

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI	
6	9	+100000+13	
+141520-10	+232488-11	+727266-13	+650714-28
+000000+00	+000000+00	+000000+00	+000000+00
+141520-10	+232488-11	+727266-13	+650714-28
+000000+00	+000000+00	+000000+00	+000000+00
+141520-10	+232488-11	+727266-13	+650714-28
+000000+00	+000000+00	+000000+00	+000000+00
+141520-10	+232488-11	+727266-13	+650714-28
+000000+00	+000000+00	+000000+00	+000000+00
+141520-10	+232488-11	+727266-13	+650714-28
+000000+00	+000000+00	+000000+00	+000000+00
+141520-10	+232488-11	+727266-13	+650714-28
+000000+00	+000000+00	+000000+00	+000000+00
+141520-10	+232488-11	+727266-13	+650714-28
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	9	+100000+14	
+141520-09	+232488-10	+727266-12	+650714-27
+000000+00	+000000+00	+000000+00	+000000+00
+141520-09	+232488-10	+727266-12	+650714-27
+000000+00	+000000+00	+000000+00	+000000+00
+141520-09	+232488-10	+727266-12	+650714-27
+000000+00	+000000+00	+000000+00	+000000+00
+141520-09	+232488-10	+727266-12	+650714-27
+000000+00	+000000+00	+000000+00	+000000+00
+141520-09	+232488-10	+727266-12	+650714-27
+000000+00	+000000+00	+000000+00	+000000+00
+141520-09	+232488-10	+727266-12	+650714-27
+000000+00	+000000+00	+000000+00	+000000+00
+141520-09	+232488-10	+727266-12	+650714-27
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	9	+300000+14	
+424560-09	+697463-10	+218180-11	+195214-26
+000000+00	+000000+00	+000000+00	+000000+00
+424560-09	+697463-10	+218180-11	+195214-26
+000000+00	+000000+00	+000000+00	+000000+00
+424560-09	+697463-10	+218180-11	+195214-26
+000000+00	+000000+00	+000000+00	+000000+00
+424560-09	+697463-10	+218180-11	+195214-26
+000000+00	+000000+00	+000000+00	+000000+00
+424560-09	+697463-10	+218180-11	+195214-26
+000000+00	+000000+00	+000000+00	+000000+00
+424560-09	+697463-10	+218180-11	+195214-26
+000000+00	+000000+00	+000000+00	+000000+00
+424560-09	+697463-10	+218180-11	+195214-26
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	9	+100000+15	
+141520-08	+232488-09	+727266-11	+650714-26
+000000+00	+000000+00	+000000+00	+000000+00
+141520-08	+232488-09	+727266-11	+650714-26
+000000+00	+000000+00	+000000+00	+000000+00
+141520-08	+232488-09	+727266-11	+650714-26
+000000+00	+000000+00	+000000+00	+000000+00
+141520-08	+232488-09	+727266-11	+650714-26
+000000+00	+000000+00	+000000+00	+000000+00
+141520-08	+232488-09	+727266-11	+650714-26
+000000+00	+000000+00	+000000+00	+000000+00
+141520-08	+232488-09	+727266-11	+650714-26
+000000+00	+000000+00	+000000+00	+000000+00
+141520-08	+232488-09	+727266-11	+650714-26
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	9	+300000+15	
+424560-08	+697463-09	+218180-10	+195214-25
+000000+00	+000000+00	+000000+00	+000000+00
+424560-08	+697463-09	+218180-10	+195214-25
+000000+00	+000000+00	+000000+00	+000000+00
+424560-08	+697463-09	+218180-10	+195214-25
+000000+00	+000000+00	+000000+00	+000000+00
+424560-08	+697463-09	+218180-10	+195214-25
+000000+00	+000000+00	+000000+00	+000000+00
+424560-08	+697463-09	+218180-10	+195214-25
+000000+00	+000000+00	+000000+00	+000000+00
+424560-08	+697463-09	+218180-10	+195214-25
+000000+00	+000000+00	+000000+00	+000000+00
+424560-08	+697463-09	+218180-10	+195214-25
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
6	9	+100000+16	
+141520-07	+232488-08	+727266-10	+650714-25
+000000+00	+000000+00	+000000+00	+000000+00
+141520-07	+232488-08	+727266-10	+650714-25
+000000+00	+000000+00	+000000+00	+000000+00
+141520-07	+232488-08	+727266-10	+650714-25
+000000+00	+000000+00	+000000+00	+000000+00
+141520-07	+232488-08	+727266-10	+650714-25
+000000+00	+000000+00	+000000+00	+000000+00
+141520-07	+232488-08	+727266-10	+650714-25
+000000+00	+000000+00	+000000+00	+000000+00
+141520-07	+232488-08	+727266-10	+650714-25
+000000+00	+000000+00	+000000+00	+000000+00
+141520-07	+232488-08	+727266-10	+650714-25
+000000+00	+000000+00	+000000+00	+000000+00

KRYPTON

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
7	1	+100000+13

+283233-05	+279358-05	+257122-05	+231057-05
+230804-05	+230473-05	+227489-05	+215489-05
+745125-05	+741240-05	+718930-05	+692722-05
+692401-05	+691408-05	+682469-05	+646467-05
+236085-04	+235697-04	+233466-04	+230843-04
+230787-04	+230466-04	+227476-04	+215487-04
+697623-04	+697234-04	+695002-04	+692373-04
+692251-04	+691260-04	+682337-04	+646450-04
+231184-03	+231145-03	+230922-03	+230656-03
+230621-03	+230293-03	+227341-03	+215469-03
+691413-03	+691374-03	+691150-03	+690878-03
+690779-03	+689816-03	+681148-03	+646283-03
+229158-02	+229154-02	+229131-02	+229102-02
+229072-02	+228774-02	+226090-02	+215293-02

ELEMENT	FUNCTION	PHI
7	1	+100000+14

+283233-04	+279358-04	+257122-04	+231057-04
+230804-04	+230473-04	+227489-04	+215489-04
+745125-04	+741240-04	+718930-04	+692722-04
+692401-04	+691407-04	+682459-04	+646467-04
+236085-03	+235697-03	+233466-03	+230842-03
+230787-03	+230466-03	+227476-03	+215488-03
+697621-03	+697232-03	+695000-03	+692370-03
+692248-03	+691258-03	+682337-03	+646457-03
+231182-02	+231143-02	+230919-02	+230654-02
+230619-02	+230291-02	+227341-02	+215476-02
+691392-02	+691353-02	+691129-02	+690858-02
+690758-02	+689798-02	+681147-02	+646352-02
+229140-01	+229136-01	+229113-01	+229084-01
+229054-01	+228758-01	+226091-01	+215365-01

ELEMENT	FUNCTION	PHI
7	1	+300000+14

+849697-04	+838072-04	+771365-04	+693169-04
+692412-04	+691418-04	+682468-04	+646468-04
+223537-03	+222372-03	+215679-03	+207816-03
+207720-03	+207422-03	+204738-03	+193941-03
+708254-03	+707088-03	+700395-03	+692526-03
+692359-03	+691367-03	+682427-03	+646469-03
+209285-02	+209168-02	+208498-02	+207710-02
+207673-02	+207376-02	+204701-02	+193942-02
+693528-02	+693412-02	+692741-02	+691946-02
+691840-02	+690869-02	+682022-02	+646481-02
+207404-01	+207392-01	+207325-01	+207243-01
+207214-01	+206927-01	+204343-01	+193951-01
+687279-01	+687267-01	+687200-01	+687112-01
+687023-01	+686148-01	+678262-01	+646542-01

ELEMENT	FUNCTION	PHI
7	1	+100000+15

+283230-03	+279355-03	+257121-03	+231056-03
+230804-03	+230473-03	+227489-03	+215490-03
+745119-03	+741234-03	+718926-03	+692719-03
+692398-03	+691405-03	+682458-03	+646473-03
+236082-02	+235694-02	+233463-02	+230840-02
+230785-02	+230454-02	+227475-02	+215496-02
+697597-02	+697209-02	+694977-02	+692348-02
+692226-02	+691238-02	+682335-02	+646526-02
+231156-01	+231117-01	+230894-01	+230629-01
+230594-01	+230269-01	+227338-01	+215553-01
+691164-01	+691125-01	+690901-01	+690630-01
+690533-01	+689591-01	+681111-01	+647002-01
+228888+00	+228884+00	+228861+00	+228832+00
+228804+00	+228527+00	+226025+00	+215966+00

ELEMENT	FUNCTION	PHI
7	1	+300000+15

+849667-03	+838046-03	+771356-03	+693167-03
+692410-03	+691416-03	+682467-03	+646472-03
+223532-02	+222367-02	+215676-02	+207814-02
+207718-02	+207420-02	+204737-02	+193946-02
+708227-02	+707061-02	+700370-02	+692502-02
+692337-02	+691347-02	+682424-02	+646536-02
+209263-01	+209146-01	+208477-01	+207689-01
+207663-01	+207368-01	+204698-01	+194003-01
+693284-01	+693167-01	+692497-01	+691703-01
+691601-01	+690639-01	+681978-01	+647140-01
+207164+00	+207152+00	+207085+00	+207004+00
+206977+00	+206706+00	+204271+00	+194477+00
+684437+00	+684425+00	+684357+00	+684273+00
+684200+00	+683474+00	+676932+00	+650620+00

ELEMENT	FUNCTION	PHI
7	1	+100000+16

+283196-02	+279326-02	+257111-02	+231054-02
+230801-02	+230470-02	+227488-02	+215494-02
+745062-02	+741181-02	+718893-02	+692694-02
+692377-02	+691385-02	+682454-02	+646531-02
+236051-01	+235663-01	+233434-01	+230813-01
+230759-01	+230431-01	+227471-01	+215568-01
+697339-01	+696951-01	+694722-01	+692097-01
+691983-01	+691014-01	+682286-01	+647180-01
+230838+00	+230799+00	+230576+00	+230312+00
+230282+00	+229977+00	+227234+00	+216201+00
+687910+00	+687871+00	+687648+00	+687382+00
+687308+00	+686530+00	+679529+00	+651371+00
+225131+01	+225127+01	+225105+01	+225078+01
+225064+01	+224906+01	+223478+01	+217735+01

KRYPTON

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
7	2	+100000+13	
+326952-20	+122943-20	+598180-21	+353882-23
+100417-26	+985013-26	+812451-26	+118398-26
+327311-20	+123285-20	+600391-21	+359465-23
+301186-26	+296440-26	+243683-26	+356119-26
+327318-20	+123292-20	+600462-21	+366499-23
+100320-24	+984069-26	+811663-26	+118284-25
+327338-20	+123312-20	+600663-21	+386537-23
+300311-24	+294583-24	+242976-24	+354080-25
+327407-20	+123381-20	+601357-21	+455993-23
+993633-24	+974581-24	+803846-24	+117144-24
+327600-20	+123574-20	+603285-21	+648761-23
+291761-23	+286186-23	+236049-23	+343994-24
+328213-20	+124187-20	+609415-21	+126163-22
+903438-23	+886204-23	+730952-23	+106622-23

ELEMENT	FUNCTION	PHI	
7	2	+100000+14	
+326951-19	+122942-19	+598178-20	+353882-22
+100416-24	+985009-26	+812447-25	+118398-25
+327310-19	+123284-19	+600389-20	+359465-22
+301180-24	+296436-24	+243678-24	+355112-25
+327317-19	+123291-19	+600459-20	+366499-22
+100313-23	+983996-24	+811611-24	+118276-24
+327337-19	+123311-19	+600660-20	+386531-22
+300251-23	+294524-23	+242927-23	+354017-24
+327406-19	+123380-19	+601354-20	+455926-22
+992868-23	+973928-23	+803308-23	+117066-23
+327598-19	+123572-19	+603277-20	+648177-22
+291168-22	+285614-22	+235677-22	+343307-23
+328206-19	+124180-19	+609354-20	+125577-21
+897587-22	+880466-22	+726218-22	+105832-22

ELEMENT	FUNCTION	PHI	
7	2	+300000+14	
+980845-19	+368820-19	+179451-19	+106165-21
+301246-24	+296500-24	+243732-24	+355190-25
+981921-19	+369844-19	+180115-19	+107840-21
+903506-24	+886271-24	+731007-24	+106530-24
+981942-19	+369865-19	+180136-19	+109949-21
+300896-23	+296166-23	+243448-23	+354777-24
+982002-19	+369925-19	+180196-19	+115955-21
+900356-23	+883181-23	+728458-23	+106168-23
+982210-19	+370133-19	+180404-19	+136734-21
+297418-22	+291744-22	+240634-22	+350676-23
+982785-19	+370706-19	+180977-19	+194066-21
+869636-22	+863046-22	+703603-22	+102636-22
+984572-19	+372495-19	+182766-19	+372877-21
+266431-21	+260367-21	+214754-21	+312961-22

ELEMENT	FUNCTION	PHI	
7	2	+100000+15	
+326939-18	+122932-18	+598150-19	+353882-21
+100412-23	+984966-24	+812412-24	+118393-24
+327297-18	+123273-18	+600361-19	+359465-21
+301128-23	+296384-23	+243636-23	+355051-24
+327304-18	+123280-18	+600432-19	+366492-21
+100248-22	+983361-23	+811088-23	+118200-23
+327324-18	+123300-18	+600632-19	+386471-21
+299654-22	+293938-22	+242444-22	+353313-23
+327393-18	+123369-18	+601320-19	+455263-21
+986252-22	+967438-22	+797955-22	+116286-22
+327580-18	+123556-18	+603192-19	+642424-21
+285426-21	+279981-21	+230931-21	+336536-22
+328138-18	+124114-18	+608767-19	+119990-20
+841824-21	+826766-21	+681102-21	+992569-22

ELEMENT	FUNCTION	PHI	
7	2	+300000+15	
+980736-18	+368726-18	+179427-18	+106165-20
+301207-23	+296461-23	+243700-23	+365144-24
+981812-18	+369750-18	+180090-18	+107839-20
+903035-23	+885809-23	+730626-23	+106474-23
+981833-18	+369771-18	+180111-18	+109943-20
+300315-22	+294586-22	+242978-22	+354092-23
+981892-18	+369831-18	+180171-18	+115902-20
+894997-22	+877924-22	+724122-22	+105626-22
+982095-18	+370033-18	+180373-18	+136143-20
+291528-21	+285967-21	+235869-21	+343732-22
+982624-18	+370562-18	+180902-18	+189052-20
+819601-21	+803966-21	+663121-21	+966366-22
+984009-18	+371948-18	+182288-18	+327541-20
+220182-20	+216982-20	+178145-20	+259610-21

ELEMENT	FUNCTION	PHI	
7	2	+100000+16	
+326818-17	+122828-17	+597875-18	+353881-20
+100368-22	+984636-23	+812067-23	+118341-23
+327177-17	+123169-17	+600086-18	+359459-20
+300605-22	+294870-22	+243213-22	+354434-23
+327184-17	+123176-17	+600156-18	+366427-20
+996061-22	+977061-22	+805883-22	+117441-22
+327203-17	+123196-17	+600351-18	+385881-20
+293768-21	+288164-21	+237681-21	+346372-22
+327266-17	+123259-17	+600982-18	+448949-20
+923238-21	+906627-21	+746972-21	+108856-21
+327410-17	+123402-17	+602418-18	+592537-20
+235636-20	+231140-20	+190647-20	+277830-21
+327655-17	+123648-17	+604872-18	+837913-20
+480639-20	+471372-20	+388793-20	+566589-21

KRYPTON

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
7	3	+100000+13

+878214-23	+812609-23	+405313-23	+991718-26
+000000+00	+000000+00	+000000+00	+000000+00
+879210-23	+813546-23	+405855-23	+996144-26
+000000+00	+000000+00	+000000+00	+000000+00
+879210-23	+813546-23	+405855-23	+996145-26
+000000+00	+000000+00	+000000+00	+000000+00
+879210-23	+813546-23	+405855-23	+996145-26
+000000+00	+000000+00	+000000+00	+000000+00
+879210-23	+813546-23	+405855-23	+996145-26
+000000+00	+000000+00	+000000+00	+000000+00
+879210-23	+813546-23	+405855-23	+996145-26
+000000+00	+000000+00	+000000+00	+000000+00
+879210-23	+813546-23	+405855-23	+996145-26
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
7	3	+100000+14

+878210-22	+812606-22	+405313-22	+991718-25
+000000+00	+000000+00	+000000+00	+000000+00
+879206-22	+813542-22	+405854-22	+996144-25
+000000+00	+000000+00	+000000+00	+000000+00
+879206-22	+813542-22	+405854-22	+996145-25
+000000+00	+000000+00	+000000+00	+000000+00
+879206-22	+813542-22	+405854-22	+996145-25
+000000+00	+000000+00	+000000+00	+000000+00
+879206-22	+813542-22	+405854-22	+996145-25
+000000+00	+000000+00	+000000+00	+000000+00
+879206-22	+813542-22	+405854-22	+996145-25
+000000+00	+000000+00	+000000+00	+000000+00
+879206-22	+813542-22	+405854-22	+996145-25
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
7	3	+300000+14

+263460-21	+243779-21	+121593-21	+297516-24
+000000+00	+000000+00	+000000+00	+000000+00
+263759-21	+244060-21	+121756-21	+298843-24
+000000+00	+000000+00	+000000+00	+000000+00
+263759-21	+244060-21	+121756-21	+298843-24
+000000+00	+000000+00	+000000+00	+000000+00
+263759-21	+244060-21	+121756-21	+298843-24
+000000+00	+000000+00	+000000+00	+000000+00
+263759-21	+244060-21	+121756-21	+298843-24
+000000+00	+000000+00	+000000+00	+000000+00
+263759-21	+244060-21	+121756-21	+298843-24
+000000+00	+000000+00	+000000+00	+000000+00
+263759-21	+244060-21	+121756-21	+298843-24
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
7	3	+100000+15

+878169-21	+812571-21	+405303-21	+991718-24
+000000+00	+000000+00	+000000+00	+000000+00
+879166-21	+813508-21	+405845-21	+996144-24
+000000+00	+000000+00	+000000+00	+000000+00
+879166-21	+813508-21	+405845-21	+996145-24
+000000+00	+000000+00	+000000+00	+000000+00
+879166-21	+813508-21	+405845-21	+996145-24
+000000+00	+000000+00	+000000+00	+000000+00
+879166-21	+813508-21	+405845-21	+996145-24
+000000+00	+000000+00	+000000+00	+000000+00
+879166-21	+813508-21	+405845-21	+996145-24
+000000+00	+000000+00	+000000+00	+000000+00
+879166-21	+813508-21	+405845-21	+996145-24
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
7	3	+300000+15

+263424-20	+243748-20	+121585-20	+297515-23
+000000+00	+000000+00	+000000+00	+000000+00
+263723-20	+244029-20	+121747-20	+298843-23
+000000+00	+000000+00	+000000+00	+000000+00
+263723-20	+244029-20	+121747-20	+298843-23
+000000+00	+000000+00	+000000+00	+000000+00
+263723-20	+244029-20	+121747-20	+298843-23
+000000+00	+000000+00	+000000+00	+000000+00
+263723-20	+244029-20	+121747-20	+298843-23
+000000+00	+000000+00	+000000+00	+000000+00
+263723-20	+244029-20	+121747-20	+298843-23
+000000+00	+000000+00	+000000+00	+000000+00
+263723-20	+244029-20	+121747-20	+298843-23
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
7	3	+100000+16

+877769-20	+812226-20	+405212-20	+991718-23
+000000+00	+000000+00	+000000+00	+000000+00
+878765-20	+813162-20	+405754-20	+996143-23
+000000+00	+000000+00	+000000+00	+000000+00
+878765-20	+813162-20	+405754-20	+996144-23
+000000+00	+000000+00	+000000+00	+000000+00
+878765-20	+813162-20	+405754-20	+996144-23
+000000+00	+000000+00	+000000+00	+000000+00
+878765-20	+813162-20	+405754-20	+996144-23
+000000+00	+000000+00	+000000+00	+000000+00
+878765-20	+813162-20	+405754-20	+996144-23
+000000+00	+000000+00	+000000+00	+000000+00

KRYPTON

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
7	4	+100000+13

+276859-22	+118539-22	+541199-23	+149643-25
+138089-28	+135466-28	+111726-28	+162816-29
+277010-22	+118681-22	+542054-23	+150858-25
+414177-28	+406277-28	+336102-28	+488344-29
+277011-22	+118682-22	+542064-23	+151825-25
+137955-27	+136323-27	+111616-27	+162659-28
+277014-22	+118685-22	+542092-23	+154581-25
+412976-27	+406037-27	+336124-27	+486926-28
+277023-22	+118695-22	+542187-23	+164132-25
+136626-26	+134020-26	+110641-26	+161092-27
+277050-22	+118721-22	+542452-23	+190641-25
+401203-26	+393660-26	+326606-26	+473046-27
+277134-22	+118805-22	+543295-23	+274919-25
+124237-26	+121867-26	+100617-26	+146484-26

ELEMENT	FUNCTION	PHI
7	4	+100000+14

+276858-21	+118538-21	+541196-22	+149643-24
+138088-27	+135464-27	+111724-27	+162816-28
+277009-21	+118680-21	+542052-22	+150858-24
+414170-27	+406270-27	+336096-27	+488336-28
+277010-21	+118681-21	+542062-22	+151825-24
+137946-26	+135316-26	+111609-26	+162648-27
+277013-21	+118684-21	+542089-22	+154580-24
+412893-26	+406017-26	+336062-26	+486829-27
+277022-21	+118694-21	+542185-22	+164123-24
+136535-26	+133930-26	+110467-26	+160984-26
+277049-21	+118720-21	+542449-22	+190560-24
+400401-26	+392763-26	+323956-26	+472101-26
+277132-21	+118804-21	+543285-22	+274113-24
+123432-26	+121078-26	+998663-25	+145535-25

ELEMENT	FUNCTION	PHI
7	4	+300000+14

+830567-21	+355608-21	+162357-21	+448929-24
+414261-27	+406359-27	+335169-27	+488442-28
+831019-21	+356034-21	+162614-21	+452573-24
+124246-26	+121876-26	+100525-26	+146495-27
+831022-21	+356037-21	+162617-21	+455475-24
+413779-26	+405886-26	+334780-26	+487874-27
+831030-21	+356046-21	+162625-21	+463734-24
+123813-26	+121461-26	+100174-26	+145984-26
+831059-21	+356074-21	+162654-21	+492307-24
+408996-26	+401194-26	+330910-26	+482235-26
+831138-21	+356153-21	+162732-21	+571148-24
+119588-26	+117307-26	+967564-25	+141003-25
+831384-21	+356399-21	+162978-21	+817041-24
+365009-26	+358046-26	+296321-26	+430370-25

ELEMENT	FUNCTION	PHI
7	4	+100000+15

+276847-20	+118528-20	+541170-21	+149643-23
+138082-26	+135448-26	+111719-26	+162809-27
+276998-20	+118671-20	+542026-21	+150858-23
+414098-26	+406199-26	+335038-26	+488250-27
+276999-20	+118672-20	+542036-21	+151824-23
+137867-25	+135228-25	+111537-25	+162543-26
+277001-20	+118674-20	+542063-21	+154572-23
+412071-25	+404211-25	+333398-25	+485861-26
+277011-20	+118684-20	+542158-21	+164032-23
+135625-24	+133038-24	+109731-24	+159911-25
+277037-20	+118710-20	+542415-21	+189764-23
+392506-24	+385017-24	+317667-24	+462790-25
+277113-20	+118786-20	+543182-21	+266430-23
+116764-23	+113656-23	+936621-24	+136494-24

ELEMENT	FUNCTION	PHI
7	4	+300000+15

+830466-20	+355520-20	+162334-20	+448929-23
+414207-26	+406305-26	+335126-26	+488378-27
+830918-20	+355947-20	+162591-20	+452573-23
+124181-25	+121813-25	+100472-25	+146418-26
+830921-20	+355950-20	+162594-20	+455467-23
+412980-25	+406102-25	+334133-25	+486932-26
+830929-20	+355958-20	+162602-20	+463660-23
+123076-24	+120728-24	+995782-25	+145115-25
+830957-20	+355986-20	+162630-20	+491496-23
+400897-24	+393249-24	+324367-24	+472685-25
+831030-20	+356059-20	+162703-20	+564253-23
+112708-23	+110658-23	+911896-24	+132890-24
+831220-20	+356249-20	+162893-20	+754698-23
+302785-23	+297009-23	+244977-23	+357005-24

ELEMENT	FUNCTION	PHI
7	4	+100000+16

+276735-19	+118432-19	+540915-20	+149643-22
+138022-25	+135389-25	+111671-25	+162738-26
+276885-19	+118574-19	+541771-20	+150857-22
+413378-25	+405493-25	+334455-25	+487402-26
+276886-19	+118575-19	+541780-20	+151815-22
+136973-24	+134360-24	+110822-24	+161500-25
+276889-19	+118577-19	+541807-20	+154490-22
+403977-24	+396270-24	+326849-24	+476316-25
+276898-19	+118586-19	+541894-20	+163163-22
+126960-23	+124538-23	+102720-23	+149694-24
+276917-19	+118606-19	+542091-20	+182309-22
+324035-23	+317864-23	+262170-23	+382060-24
+276951-19	+118640-19	+542429-20	+216652-22
+660816-23	+648211-23	+534652-23	+779148-24

KRYPTON

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
7	5	+100000+13

+963517-28	+906243-28	+635766-28	+604126-28
+604263-28	+603766-28	+599291-28	+581291-28
+217191-27	+211465-27	+184424-27	+181270-27
+181274-27	+181126-27	+179782-27	+174384-27
+640142-27	+634415-27	+607374-27	+604216-27
+604186-27	+603689-27	+599218-27	+581236-27
+184811-26	+184238-26	+181634-26	+181217-26
+181204-26	+181066-26	+179717-26	+174334-26
+607057-26	+606485-26	+603780-26	+603460-26
+603412-26	+602920-26	+598493-26	+580683-26
+180887-26	+180830-26	+180559-26	+180526-26
+180512-26	+180368-26	+179067-26	+173838-26
+596290-26	+596233-26	+595962-26	+595926-26
+596881-26	+596434-26	+591407-26	+576213-26

ELEMENT	FUNCTION	PHI
7	5	+100000+14

+963471-27	+906199-27	+635720-27	+604094-27
+604230-27	+603734-27	+599268-27	+581268-27
+217150-26	+211423-26	+184383-26	+181229-26
+181233-26	+181084-26	+179742-26	+174343-26
+639639-26	+633913-26	+606872-26	+603715-26
+603686-26	+603188-26	+598718-26	+580736-26
+184346-26	+183774-26	+181069-26	+180753-26
+180740-26	+180591-26	+179263-26	+173871-26
+601869-26	+601296-26	+598592-26	+598272-26
+598224-26	+597733-26	+593308-26	+576610-26
+176273-24	+176216-24	+175945-24	+175912-24
+175898-24	+175754-24	+174466-24	+169237-24
+547562-24	+547505-24	+547234-24	+547198-24
+547153-24	+546709-24	+542709-24	+526620-24

ELEMENT	FUNCTION	PHI
7	5	+300000+14

+289010-26	+271830-26	+190692-26	+181207-26
+181248-26	+181099-26	+179766-26	+174366-26
+651170-26	+633993-26	+552878-26	+543419-26
+543431-26	+542984-26	+538967-26	+522762-26
+191558-26	+189840-26	+181728-26	+180781-26
+180772-26	+180623-26	+179282-26	+173889-26
+549960-26	+548242-26	+540130-26	+539181-26
+539142-26	+538696-26	+534684-26	+518646-26
+177169-24	+176997-24	+176186-24	+176090-24
+176076-24	+175929-24	+174603-24	+169272-24
+498811-24	+498640-24	+498828-24	+498729-24
+498687-24	+498266-24	+494381-24	+478792-24
+137421-23	+137404-23	+137323-23	+137312-23
+137299-23	+137168-23	+136986-23	+131227-23

ELEMENT	FUNCTION	PHI
7	5	+100000+15

+963005-26	+906753-26	+635364-26	+603771-26
+603907-26	+603410-26	+598936-26	+580936-26
+216732-26	+211008-26	+183977-26	+180826-26
+180830-26	+180681-26	+179339-26	+173942-26
+634648-26	+628924-26	+601893-26	+598739-26
+598709-26	+598213-26	+593746-26	+576776-26
+179793-24	+179221-24	+176517-24	+176201-24
+176188-24	+176040-24	+174706-24	+169333-24
+553314-24	+552741-24	+550038-24	+549718-24
+549672-24	+549184-24	+544789-24	+527110-24
+138234-23	+138177-23	+137907-23	+137874-23
+137860-23	+137719-23	+136447-23	+131330-23
+274466-23	+274409-23	+274138-23	+274103-23
+274062-23	+273646-23	+269894-23	+254804-23

ELEMENT	FUNCTION	PHI
7	5	+300000+15

+288592-26	+271429-26	+190372-26	+180916-26
+180967-26	+180808-26	+179466-26	+174067-26
+647429-26	+630270-26	+549236-26	+539807-26
+539820-26	+539374-26	+536349-26	+619162-26
+187131-24	+185416-24	+177311-24	+176368-24
+176359-24	+176211-24	+174872-24	+169489-24
+510741-24	+509025-24	+500922-24	+499976-24
+499940-24	+499497-24	+495608-24	+479465-24
+139229-23	+139058-23	+138247-23	+138152-23
+138139-23	+137996-23	+136696-23	+131470-23
+265601-23	+265429-23	+264619-23	+264522-23
+264484-23	+264079-23	+260426-23	+245735-23
+368696-23	+368524-23	+367713-23	+367613-23
+367612-23	+366423-23	+366610-23	+317142-23

ELEMENT	FUNCTION	PHI
7	5	+100000+16

+958373-25	+901315-25	+631826-25	+600556-25
+600696-25	+600198-25	+595725-25	+577734-25
+212634-24	+206930-24	+179988-24	+176871-24
+176876-24	+176728-24	+175388-24	+170000-24
+587869-24	+582165-24	+555224-24	+552107-24
+552084-24	+551592-24	+547152-24	+529298-24
+142204-23	+141634-23	+138940-23	+138628-23
+138618-23	+138473-23	+137164-23	+131898-23
+280817-23	+280247-23	+277553-23	+277243-23
+277208-23	+276751-23	+272637-23	+256087-23
+376114-23	+375544-23	+372851-23	+372545-23
+372467-23	+371291-23	+360790-23	+318551-23
+520891-23	+520321-23	+517631-23	+517349-23
+517197-23	+514820-23	+493404-23	+407266-23

KRYPTON

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
7	6	+100000+13

+229391-10	+220109-10	+141609-10	+103236-12
+489683-30	+000000+00	+000000+00	+000000+00
+230434-10	+221102-10	+142249-10	+104289-12
+495707-30	+000000+00	+000000+00	+000000+00
+230434-10	+221102-10	+142250-10	+104289-12
+495708-30	+000000+00	+000000+00	+000000+00
+230434-10	+221102-10	+142250-10	+104289-12
+495708-30	+000000+00	+000000+00	+000000+00
+230434-10	+221102-10	+142250-10	+104289-12
+495708-30	+000000+00	+000000+00	+000000+00
+230434-10	+221102-10	+142250-10	+104289-12
+495708-30	+000000+00	+000000+00	+000000+00
+230434-10	+221102-10	+142250-10	+104289-12
+495708-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
7	6	+100000+14

+229391-09	+220109-09	+141609-09	+103236-11
+489683-29	+000000+00	+000000+00	+000000+00
+230434-09	+221102-09	+142249-09	+104289-11
+495707-29	+000000+00	+000000+00	+000000+00
+230434-09	+221102-09	+142250-09	+104289-11
+495708-29	+000000+00	+000000+00	+000000+00
+230434-09	+221102-09	+142250-09	+104289-11
+495708-29	+000000+00	+000000+00	+000000+00
+230434-09	+221102-09	+142250-09	+104289-11
+495708-29	+000000+00	+000000+00	+000000+00
+230434-09	+221102-09	+142250-09	+104289-11
+495708-29	+000000+00	+000000+00	+000000+00
+230434-09	+221102-09	+142250-09	+104289-11
+495708-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
7	6	+300000+14

+688173-09	+660327-09	+424827-09	+309708-11
+146905-28	+000000+00	+000000+00	+000000+00
+691302-09	+663305-09	+426748-09	+312867-11
+148712-28	+000000+00	+000000+00	+000000+00
+691302-09	+663305-09	+426749-09	+312868-11
+148712-28	+000000+00	+000000+00	+000000+00
+691302-09	+663305-09	+426749-09	+312868-11
+148712-28	+000000+00	+000000+00	+000000+00
+691302-09	+663305-09	+426749-09	+312868-11
+148712-28	+000000+00	+000000+00	+000000+00
+691302-09	+663305-09	+426749-09	+312868-11
+148712-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
7	6	+100000+15

+229391-08	+220109-08	+141609-08	+103236-10
+489683-28	+000000+00	+000000+00	+000000+00
+230434-08	+221102-08	+142249-08	+104289-10
+495707-28	+000000+00	+000000+00	+000000+00
+230434-08	+221102-08	+142250-08	+104289-10
+495708-28	+000000+00	+000000+00	+000000+00
+230434-08	+221102-08	+142250-08	+104289-10
+495708-28	+000000+00	+000000+00	+000000+00
+230434-08	+221102-08	+142250-08	+104289-10
+495708-28	+000000+00	+000000+00	+000000+00
+230434-08	+221102-08	+142250-08	+104289-10
+495708-28	+000000+00	+000000+00	+000000+00
+230434-08	+221102-08	+142250-08	+104289-10
+495708-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
7	6	+300000+15

+688173-08	+660327-08	+424827-08	+309708-10
+146905-27	+000000+00	+000000+00	+000000+00
+691302-08	+663305-08	+426748-08	+312867-10
+148712-27	+000000+00	+000000+00	+000000+00
+691302-08	+663305-08	+426748-08	+312867-10
+148712-27	+000000+00	+000000+00	+000000+00
+691302-08	+663305-08	+426748-08	+312867-10
+148712-27	+000000+00	+000000+00	+000000+00
+691302-08	+663305-08	+426748-08	+312867-10
+148712-27	+000000+00	+000000+00	+000000+00
+691302-08	+663305-08	+426748-08	+312867-10
+148712-27	+000000+00	+000000+00	+000000+00
+691302-08	+663305-08	+426748-08	+312867-10
+148712-27	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
7	6	+100000+16

+229391-07	+220109-07	+141609-07	+103236-09
+489682-27	+000000+00	+000000+00	+000000+00
+230434-07	+221101-07	+142249-07	+104289-09
+495706-27	+000000+00	+000000+00	+000000+00
+230434-07	+221102-07	+142249-07	+104289-09
+495707-27	+000000+00	+000000+00	+000000+00
+230434-07	+221102-07	+142249-07	+104289-09
+495707-27	+000000+00	+000000+00	+000000+00
+230434-07	+221102-07	+142249-07	+104289-09
+495707-27	+000000+00	+000000+00	+000000+00
+230434-07	+221102-07	+142249-07	+104289-09
+495707-27	+000000+00	+000000+00	+000000+00
+230434-07	+221102-07	+142249-07	+104289-09
+495707-27	+000000+00	+000000+00	+000000+00

KRYPTON

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
7	7	+100000+13

+108536-10	+100036-10	+483983-11	+268980-13
+122421-30	+000000+00	+000000+00	+000000+00
+108808-10	+100295-10	+485647-11	+271635-13
+123927-30	+000000+00	+000000+00	+000000+00
+108808-10	+100295-10	+485648-11	+271635-13
+123927-30	+000000+00	+000000+00	+000000+00
+108808-10	+100295-10	+485648-11	+271635-13
+123927-30	+000000+00	+000000+00	+000000+00
+108808-10	+100295-10	+485648-11	+271635-13
+123927-30	+000000+00	+000000+00	+000000+00
+108808-10	+100295-10	+485648-11	+271635-13
+123927-30	+000000+00	+000000+00	+000000+00
+108808-10	+100295-10	+485648-11	+271635-13
+123927-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
7	7	+100000+14

+108535-09	+100036-09	+483981-10	+268980-12
+122421-29	+000000+00	+000000+00	+000000+00
+108807-09	+100294-09	+485645-10	+271635-12
+123927-29	+000000+00	+000000+00	+000000+00
+108807-09	+100294-09	+485646-10	+271635-12
+123927-29	+000000+00	+000000+00	+000000+00
+108807-09	+100294-09	+485646-10	+271635-12
+123927-29	+000000+00	+000000+00	+000000+00
+108807-09	+100294-09	+485646-10	+271635-12
+123927-29	+000000+00	+000000+00	+000000+00
+108807-09	+100294-09	+485646-10	+271635-12
+123927-29	+000000+00	+000000+00	+000000+00
+108807-09	+100294-09	+485646-10	+271635-12
+123927-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
7	7	+300000+14

+325600-09	+300102-09	+145193-09	+806939-12
+367262-29	+000000+00	+000000+00	+000000+00
+326415-09	+300877-09	+145692-09	+814905-12
+371781-29	+000000+00	+000000+00	+000000+00
+326415-09	+300877-09	+145692-09	+814906-12
+371781-29	+000000+00	+000000+00	+000000+00
+326415-09	+300877-09	+145692-09	+814906-12
+371781-29	+000000+00	+000000+00	+000000+00
+326415-09	+300877-09	+145692-09	+814906-12
+371781-29	+000000+00	+000000+00	+000000+00
+326415-09	+300877-09	+145692-09	+814906-12
+371781-29	+000000+00	+000000+00	+000000+00
+326415-09	+300877-09	+145692-09	+814906-12
+371781-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
7	7	+100000+15

+108526-08	+100028-08	+483961-09	+268980-11
+122421-28	+000000+00	+000000+00	+000000+00
+108798-08	+100286-08	+485625-09	+271635-11
+123927-28	+000000+00	+000000+00	+000000+00
+108798-08	+100286-08	+485625-09	+271635-11
+123927-28	+000000+00	+000000+00	+000000+00
+108798-08	+100286-08	+485625-09	+271635-11
+123927-28	+000000+00	+000000+00	+000000+00
+108798-08	+100286-08	+485625-09	+271635-11
+123927-28	+000000+00	+000000+00	+000000+00
+108798-08	+100286-08	+485625-09	+271635-11
+123927-28	+000000+00	+000000+00	+000000+00
+108798-08	+100286-08	+485625-09	+271635-11
+123927-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
7	7	+300000+15

+325520-08	+300032-08	+145175-08	+806938-11
+367262-28	+000000+00	+000000+00	+000000+00
+326334-08	+300808-08	+145674-08	+814905-11
+371780-28	+000000+00	+000000+00	+000000+00
+326335-08	+300808-08	+145674-08	+814906-11
+371781-28	+000000+00	+000000+00	+000000+00
+326335-08	+300808-08	+145674-08	+814906-11
+371781-28	+000000+00	+000000+00	+000000+00
+326335-08	+300808-08	+145674-08	+814906-11
+371781-28	+000000+00	+000000+00	+000000+00
+326335-08	+300808-08	+145674-08	+814906-11
+371781-28	+000000+00	+000000+00	+000000+00
+326335-08	+300808-08	+145674-08	+814906-11
+371781-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
7	7	+100000+16

+108437-07	+999510-08	+483757-08	+268979-10
+122420-27	+000000+00	+000000+00	+000000+00
+108709-07	+100209-07	+485422-08	+271635-10
+123927-27	+000000+00	+000000+00	+000000+00
+108709-07	+100210-07	+485422-08	+271635-10
+123927-27	+000000+00	+000000+00	+000000+00
+108709-07	+100210-07	+485422-08	+271635-10
+123927-27	+000000+00	+000000+00	+000000+00
+108709-07	+100210-07	+485422-08	+271635-10
+123927-27	+000000+00	+000000+00	+000000+00
+108709-07	+100210-07	+485422-08	+271635-10
+123927-27	+000000+00	+000000+00	+000000+00

KRYPTON

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI	
7	8	+100000+13	
+385909-11	+360439-11	+192833-11	+370398-14
+000000+00	+000000+00	+000000+00	+000000+00
+386280-11	+360785-11	+193018-11	+370754-14
+000000+00	+000000+00	+000000+00	+000000+00
+386280-11	+360785-11	+193018-11	+370754-14
+000000+00	+000000+00	+000000+00	+000000+00
+386280-11	+360785-11	+193018-11	+370754-14
+000000+00	+000000+00	+000000+00	+000000+00
+386280-11	+360785-11	+193018-11	+370754-14
+000000+00	+000000+00	+000000+00	+000000+00
+386280-11	+360785-11	+193018-11	+370754-14
+000000+00	+000000+00	+000000+00	+000000+00
+386280-11	+360785-11	+193018-11	+370754-14
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
7	8	+100000+14	
+385909-10	+360439-10	+192833-10	+370398-13
+000000+00	+000000+00	+000000+00	+000000+00
+386280-10	+360785-10	+193018-10	+370754-13
+000000+00	+000000+00	+000000+00	+000000+00
+386280-10	+360785-10	+193018-10	+370754-13
+000000+00	+000000+00	+000000+00	+000000+00
+386280-10	+360785-10	+193018-10	+370754-13
+000000+00	+000000+00	+000000+00	+000000+00
+386280-10	+360785-10	+193018-10	+370754-13
+000000+00	+000000+00	+000000+00	+000000+00
+386280-10	+360785-10	+193018-10	+370754-13
+000000+00	+000000+00	+000000+00	+000000+00
+386280-10	+360785-10	+193018-10	+370754-13
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
7	8	+300000+14	
+115773-09	+108132-09	+578498-10	+111119-12
+000000+00	+000000+00	+000000+00	+000000+00
+115884-09	+108236-09	+579053-10	+111226-12
+000000+00	+000000+00	+000000+00	+000000+00
+115884-09	+108236-09	+579053-10	+111226-12
+000000+00	+000000+00	+000000+00	+000000+00
+115884-09	+108236-09	+579053-10	+111226-12
+000000+00	+000000+00	+000000+00	+000000+00
+115884-09	+108236-09	+579053-10	+111226-12
+000000+00	+000000+00	+000000+00	+000000+00
+115884-09	+108236-09	+579053-10	+111226-12
+000000+00	+000000+00	+000000+00	+000000+00
+115884-09	+108236-09	+579053-10	+111226-12
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
7	8	+100000+15	
+385909-09	+360439-09	+192833-09	+370398-12
+000000+00	+000000+00	+000000+00	+000000+00
+386280-09	+360785-09	+193018-09	+370754-12
+000000+00	+000000+00	+000000+00	+000000+00
+386280-09	+360785-09	+193018-09	+370754-12
+000000+00	+000000+00	+000000+00	+000000+00
+386280-09	+360785-09	+193018-09	+370754-12
+000000+00	+000000+00	+000000+00	+000000+00
+386280-09	+360785-09	+193018-09	+370754-12
+000000+00	+000000+00	+000000+00	+000000+00
+386280-09	+360785-09	+193018-09	+370754-12
+000000+00	+000000+00	+000000+00	+000000+00
+386280-09	+360785-09	+193018-09	+370754-12
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
7	8	+300000+15	
+115773-08	+108132-08	+578498-09	+111119-11
+000000+00	+000000+00	+000000+00	+000000+00
+115884-08	+108236-08	+579053-09	+111226-11
+000000+00	+000000+00	+000000+00	+000000+00
+115884-08	+108236-08	+579053-09	+111226-11
+000000+00	+000000+00	+000000+00	+000000+00
+115884-08	+108236-08	+579053-09	+111226-11
+000000+00	+000000+00	+000000+00	+000000+00
+115884-08	+108236-08	+579053-09	+111226-11
+000000+00	+000000+00	+000000+00	+000000+00
+115884-08	+108236-08	+579053-09	+111226-11
+000000+00	+000000+00	+000000+00	+000000+00
+115884-08	+108236-08	+579053-09	+111226-11
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
7	8	+100000+16	
+385909-08	+360439-08	+192833-08	+370398-11
+253250-38	+000000+00	+000000+00	+000000+00
+386280-08	+360785-08	+193018-08	+370754-11
+253493-38	+000000+00	+000000+00	+000000+00
+386280-08	+360785-08	+193018-08	+370754-11
+253493-38	+000000+00	+000000+00	+000000+00
+386280-08	+360785-08	+193018-08	+370754-11
+253493-38	+000000+00	+000000+00	+000000+00
+386280-08	+360785-08	+193018-08	+370754-11
+253493-38	+000000+00	+000000+00	+000000+00
+386280-08	+360785-08	+193018-08	+370754-11
+253493-38	+000000+00	+000000+00	+000000+00
+386280-08	+360785-08	+193018-08	+370754-11
+253493-38	+000000+00	+000000+00	+000000+00

KRYPTON

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI	
7	9	+100000+13	
+184938-10	+170335-10	+818667-11	+139943-13
+000000+00	+000000+00	+000000+00	+000000+00
+185078-10	+170465-10	+819366-11	+140077-13
+000000+00	+000000+00	+000000+00	+000000+00
+185078-10	+170465-10	+819366-11	+140077-13
+000000+00	+000000+00	+000000+00	+000000+00
+185078-10	+170465-10	+819366-11	+140077-13
+000000+00	+000000+00	+000000+00	+000000+00
+185078-10	+170465-10	+819366-11	+140077-13
+000000+00	+000000+00	+000000+00	+000000+00
+185078-10	+170465-10	+819366-11	+140077-13
+000000+00	+000000+00	+000000+00	+000000+00
+185078-10	+170465-10	+819366-11	+140077-13
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
7	9	+100000+14	
+184937-09	+170334-09	+818664-10	+139943-12
+000000+00	+000000+00	+000000+00	+000000+00
+185077-09	+170464-09	+819363-10	+140077-12
+000000+00	+000000+00	+000000+00	+000000+00
+185077-09	+170464-09	+819363-10	+140077-12
+000000+00	+000000+00	+000000+00	+000000+00
+185077-09	+170464-09	+819363-10	+140077-12
+000000+00	+000000+00	+000000+00	+000000+00
+185077-09	+170464-09	+819363-10	+140077-12
+000000+00	+000000+00	+000000+00	+000000+00
+185077-09	+170464-09	+819363-10	+140077-12
+000000+00	+000000+00	+000000+00	+000000+00
+185077-09	+170464-09	+819363-10	+140077-12
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
7	9	+300000+14	
+554803-09	+510994-09	+245598-09	+419829-12
+000000+00	+000000+00	+000000+00	+000000+00
+555223-09	+511386-09	+245807-09	+420232-12
+000000+00	+000000+00	+000000+00	+000000+00
+555223-09	+511386-09	+245807-09	+420232-12
+000000+00	+000000+00	+000000+00	+000000+00
+555223-09	+511386-09	+245807-09	+420232-12
+000000+00	+000000+00	+000000+00	+000000+00
+555223-09	+511386-09	+245807-09	+420232-12
+000000+00	+000000+00	+000000+00	+000000+00
+555223-09	+511386-09	+245807-09	+420232-12
+000000+00	+000000+00	+000000+00	+000000+00
+555223-09	+511386-09	+245807-09	+420232-12
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
7	9	+100000+15	
+184925-08	+170324-08	+818639-09	+139943-11
+000000+00	+000000+00	+000000+00	+000000+00
+185066-08	+170455-08	+819338-09	+140077-11
+000000+00	+000000+00	+000000+00	+000000+00
+185066-08	+170455-08	+819338-09	+140077-11
+000000+00	+000000+00	+000000+00	+000000+00
+185066-08	+170455-08	+819338-09	+140077-11
+000000+00	+000000+00	+000000+00	+000000+00
+185066-08	+170455-08	+819338-09	+140077-11
+000000+00	+000000+00	+000000+00	+000000+00
+185066-08	+170455-08	+819338-09	+140077-11
+000000+00	+000000+00	+000000+00	+000000+00
+185066-08	+170455-08	+819338-09	+140077-11
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
7	9	+300000+15	
+554702-08	+510907-08	+245575-08	+419829-11
+287017-38	+000000+00	+000000+00	+000000+00
+555122-08	+511299-08	+245784-08	+420232-11
+287292-38	+000000+00	+000000+00	+000000+00
+555122-08	+511299-08	+245784-08	+420232-11
+287292-38	+000000+00	+000000+00	+000000+00
+555122-08	+511299-08	+245784-08	+420232-11
+287292-38	+000000+00	+000000+00	+000000+00
+555122-08	+511299-08	+245784-08	+420232-11
+287292-38	+000000+00	+000000+00	+000000+00
+555122-08	+511299-08	+245784-08	+420232-11
+287292-38	+000000+00	+000000+00	+000000+00
+555122-08	+511299-08	+245784-08	+420232-11
+287292-38	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
7	9	+100000+16	
+184814-07	+170228-07	+818385-08	+139943-10
+956723-38	+000000+00	+000000+00	+000000+00
+184954-07	+170358-07	+819084-08	+140077-10
+957641-38	+000000+00	+000000+00	+000000+00
+184954-07	+170358-07	+819084-08	+140077-10
+957641-38	+000000+00	+000000+00	+000000+00
+184954-07	+170358-07	+819084-08	+140077-10
+957641-38	+000000+00	+000000+00	+000000+00
+184954-07	+170358-07	+819084-08	+140077-10
+957641-38	+000000+00	+000000+00	+000000+00
+184954-07	+170358-07	+819084-08	+140077-10
+957641-38	+000000+00	+000000+00	+000000+00
+184954-07	+170358-07	+819084-08	+140077-10
+957641-38	+000000+00	+000000+00	+000000+00

RUBIDIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
8	1	+100000+13

+211929-05	+209060-05	+215470-05	+226018-05
+226239-05	+226569-05	+229562-05	+241562-05
+664153-05	+661293-05	+667763-05	+678439-05
+678727-05	+679718-05	+688666-05	+724658-05
+224772-04	+224486-04	+225133-04	+226203-04
+226256-04	+226586-04	+229566-04	+241554-04
+677319-04	+677033-04	+677681-04	+678758-04
+678876-04	+679866-04	+688787-04	+724675-04
+226239-03	+226210-03	+226275-03	+226385-03
+226420-03	+226748-03	+229700-03	+241672-03
+680088-03	+680060-03	+680126-03	+680242-03
+680341-03	+681303-03	+689971-03	+724836-03
+227915-02	+227912-02	+227919-02	+227933-02
+227963-02	+228261-02	+230945-02	+241741-02

ELEMENT	FUNCTION	PHI
8	1	+100000+14

+211925-04	+209056-04	+215466-04	+226013-04
+226235-04	+226565-04	+229548-04	+241548-04
+664140-04	+661280-04	+667750-04	+678425-04
+678714-04	+679704-04	+688653-04	+724644-04
+224768-03	+224482-03	+225129-03	+226199-03
+226251-03	+226580-03	+229561-03	+241548-03
+677304-03	+677018-03	+677666-03	+678743-03
+678860-03	+679848-03	+688768-03	+724649-03
+226232-02	+226203-02	+226268-02	+226378-02
+226413-02	+226739-02	+229689-02	+241554-02
+680042-02	+680014-02	+680080-02	+680196-02
+680293-02	+681261-02	+689902-02	+724697-02
+227866-01	+227863-01	+227870-01	+227884-01
+227913-01	+228208-01	+230875-01	+241601-01

ELEMENT	FUNCTION	PHI
8	1	+300000+14

+635748-04	+627142-04	+646370-04	+678013-04
+678676-04	+679666-04	+688617-04	+724616-04
+199234-03	+198375-03	+200316-03	+203519-03
+203605-03	+203902-03	+206587-03	+217384-03
+674273-03	+673415-03	+675356-03	+678565-03
+678721-03	+679709-03	+688649-03	+724607-03
+203181-02	+203096-02	+203290-02	+203613-02
+203648-02	+203943-02	+206618-02	+217377-02
+678646-02	+678561-02	+678756-02	+679085-02
+679186-02	+680160-02	+688996-02	+724538-02
+203982-01	+203973-01	+203993-01	+204028-01
+204056-01	+204341-01	+206924-01	+217317-01
+683271-01	+683263-01	+683283-01	+683324-01
+683408-01	+684275-01	+692161-01	+723881-01

ELEMENT	FUNCTION	PHI
8	1	+100000+15

+211886-03	+209017-03	+215425-03	+225972-03
+226193-03	+226523-03	+229506-03	+241506-03
+664012-03	+661151-03	+667618-03	+678293-03
+678581-03	+679570-03	+688517-03	+724602-03
+224722-02	+224436-02	+225083-02	+226153-02
+226204-02	+226532-02	+229611-02	+241490-02
+677154-02	+676868-02	+677516-02	+678591-02
+678704-02	+679678-02	+688581-02	+724330-02
+226159-01	+226130-01	+226195-01	+226305-01
+226336-01	+226663-01	+229583-01	+241369-01
+679581-01	+679553-01	+679618-01	+679733-01
+679817-01	+680731-01	+689211-01	+723320-01
+227379+00	+227376+00	+227382+00	+227395+00
+227419+00	+227687+00	+230188+00	+240248+00

ELEMENT	FUNCTION	PHI
8	1	+300000+15

+635400-03	+626790-03	+646001-03	+677638-03
+678300-03	+679289-03	+688238-03	+724233-03
+199118-02	+198259-02	+200198-02	+203400-02
+203486-02	+203781-02	+206464-02	+217256-02
+673865-02	+673006-02	+674946-02	+678154-02
+678303-02	+679274-02	+688197-02	+724085-02
+203046-01	+202960-01	+203154-01	+203477-01
+203607-01	+203790-01	+206449-01	+217144-01
+677990-01	+677904-01	+678098-01	+678424-01
+678496-01	+679389-01	+688049-01	+722887-01
+203568+00	+203560+00	+203579+00	+203613+00
+203629+00	+203876+00	+206309+00	+216104+00
+678953+00	+678945+00	+678964+00	+678999+00
+679033+00	+679672+00	+686211+00	+712524+00

ELEMENT	FUNCTION	PHI
8	1	+100000+16

+211500-02	+208627-02	+215016-02	+225556-02
+225776-02	+226104-02	+229086-02	+241080-02
+662727-02	+659862-02	+666311-02	+676978-02
+677259-02	+678230-02	+687161-02	+723084-02
+224270-01	+223984-01	+224629-01	+225697-01
+225740-01	+226060-01	+229009-01	+240912-01
+675657-01	+675370-01	+676015-01	+677084-01
+677142-01	+677984-01	+686709-01	+721814-01
+225431+00	+225402+00	+225467+00	+225572+00
+225670+00	+225800+00	+228541+00	+239574+00
+675022+00	+674993+00	+675057+00	+675156+00
+675113+00	+675620+00	+682614+00	+710773+00
+222804+01	+222801+01	+222807+01	+222814+01
+222787+01	+222862+01	+224278+01	+230020+01

RUBIDIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
8	2	+100000+13

+401235-20	+141681-20	+324910-21	+623023-24
+117360-27	+290447-29	+000000+00	+000000+00
+401297-20	+141739-20	+325222-21	+623942-24
+339432-27	+840036-29	+000000+00	+000000+00
+401297-20	+141740-20	+325223-21	+624899-24
+100055-26	+247619-28	+000000+00	+000000+00
+401298-20	+141740-20	+325224-21	+626642-24
+220451-26	+546577-28	+000000+00	+000000+00
+401298-20	+141740-20	+325227-21	+628832-24
+371686-26	+919859-28	+000000+00	+000000+00
+401298-20	+141740-20	+325230-21	+632174-24
+602553-26	+149122-27	+000000+00	+000000+00
+401299-20	+141741-20	+325242-21	+643900-24
+141263-25	+349602-27	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
8	2	+100000+14

+401235-19	+141681-19	+324910-20	+623027-23
+119770-26	+296410-28	+000000+00	+000000+00
+401297-19	+141739-19	+325222-20	+623970-23
+358413-26	+887011-28	+000000+00	+000000+00
+401297-19	+141739-19	+325223-20	+625167-23
+118546-25	+293380-27	+000000+00	+000000+00
+401298-19	+141740-19	+325226-20	+628518-23
+350063-26	+866321-27	+000000+00	+000000+00
+401299-19	+141741-19	+325238-20	+639992-23
+114264-24	+282786-26	+000000+00	+000000+00
+401302-19	+141744-19	+325272-20	+672785-23
+340804-24	+843430-26	+000000+00	+000000+00
+401314-19	+141757-19	+325394-20	+789977-23
+116037-23	+284696-25	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
8	2	+300000+14

+120370-18	+425043-19	+974730-20	+186910-22
+371770-26	+920066-28	+000000+00	+000000+00
+120389-18	+425217-19	+975665-20	+187208-22
+119140-25	+294851-27	+000000+00	+000000+00
+120389-18	+425218-19	+975670-20	+187724-22
+475892-25	+117775-26	+000000+00	+000000+00
+120389-18	+425220-19	+975692-20	+189797-22
+190781-24	+472151-26	+000000+00	+000000+00
+120390-18	+425230-19	+975792-20	+199424-22
+855829-24	+211803-25	+000000+00	+000000+00
+120393-18	+425261-19	+976098-20	+228887-22
+289111-23	+715500-25	+000000+00	+000000+00
+120404-18	+425371-19	+977190-20	+334211-22
+101669-22	+251614-24	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
8	2	+100000+15

+401233-18	+141680-18	+324910-19	+623056-22
+140041-25	+346578-27	+000000+00	+000000+00
+401296-18	+141739-18	+325222-19	+624229-22
+537209-25	+132960-26	+000000+00	+000000+00
+401296-18	+141739-18	+325226-19	+627797-22
+300247-24	+743060-26	+000000+00	+000000+00
+401298-18	+141741-18	+325246-19	+647180-22
+163923-23	+406680-25	+000000+00	+000000+00
+401309-18	+141752-18	+325354-19	+751418-22
+883998-23	+218774-24	+000000+00	+000000+00
+401343-18	+141786-18	+325693-19	+107823-21
+314161-22	+777493-24	+000000+00	+000000+00
+401464-18	+141907-18	+326901-19	+224277-21
+111863-21	+276841-23	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
8	2	+300000+15

+120369-17	+425035-18	+974730-19	+186937-21
+556205-25	+137651-26	+000000+00	+000000+00
+120388-17	+425210-18	+975667-19	+187442-21
+280627-24	+694504-26	+000000+00	+000000+00
+120388-17	+425213-18	+975695-19	+190094-21
+211276-23	+522872-25	+000000+00	+000000+00
+120390-17	+425230-18	+975866-19	+206594-21
+135113-22	+334382-24	+000000+00	+000000+00
+120399-17	+425327-18	+976831-19	+299630-21
+777810-22	+192495-23	+000000+00	+000000+00
+120430-17	+425632-18	+979873-19	+592715-21
+280245-21	+693557-23	+000000+00	+000000+00
+120538-17	+426709-18	+990600-19	+162647-20
+994366-21	+246088-22	+212099-38	+000000+00

ELEMENT	FUNCTION	PHI
8	2	+100000+16

+401217-17	+141672-17	+324910-18	+623353-21
+344764-24	+863232-26	+000000+00	+000000+00
+401280-17	+141730-17	+325224-18	+626825-21
+233081-23	+576836-25	+000000+00	+000000+00
+401283-17	+141733-17	+325253-18	+654117-21
+211839-22	+524264-24	+000000+00	+000000+00
+401301-17	+141752-17	+325439-18	+833668-21
+145219-21	+359391-23	+000000+00	+000000+00
+401408-17	+141859-17	+326506-18	+186155-20
+855283-21	+211668-22	+182432-38	+000000+00
+401744-17	+142194-17	+329845-18	+507948-20
+307824-20	+761811-22	+656590-38	+000000+00
+402887-17	+143337-17	+341229-18	+160502-19
+106568-19	+263738-21	+227311-37	+000000+00

RUBIDIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
8	3	+100000+13

+161407-23	+158610-23	+903061-24	+173532-26
+904335-31	+223807-32	+000000+00	+000000+00
+161581-23	+158772-23	+903928-24	+173724-26
+261554-30	+647300-32	+000000+00	+000000+00
+161581-23	+158772-23	+903928-24	+173797-26
+770988-30	+190806-31	+000000+00	+000000+00
+161581-23	+158773-23	+903930-24	+173932-26
+169871-29	+420401-31	+000000+00	+000000+00
+161581-23	+158773-23	+903932-24	+174100-26
+286407-29	+708808-31	+000000+00	+000000+00
+161582-23	+158773-23	+903934-24	+174358-26
+464306-29	+114907-30	+000000+00	+000000+00
+161583-23	+158774-23	+903944-24	+175262-26
+108852-28	+269390-30	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
8	3	+100000+14

+161407-22	+158610-22	+903061-23	+173533-25
+922901-30	+228402-31	+000000+00	+000000+00
+161580-22	+158772-22	+903928-23	+173726-25
+276180-29	+683497-31	+000000+00	+000000+00
+161581-22	+158772-22	+903929-23	+173818-25
+913469-29	+226068-30	+000000+00	+000000+00
+161581-22	+158773-22	+903931-23	+174076-25
+269738-28	+667564-30	+000000+00	+000000+00
+161582-22	+158773-22	+903940-23	+174960-25
+880478-28	+217903-29	+000000+00	+000000+00
+161584-22	+158776-22	+903967-23	+177487-25
+262610-27	+649915-29	+000000+00	+000000+00
+161594-22	+158785-22	+904060-23	+186518-25
+886430-27	+219376-28	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
8	3	+300000+14

+484217-22	+475829-22	+270918-22	+520600-25
+286472-29	+708968-31	+000000+00	+000000+00
+484738-22	+476315-22	+271178-22	+521191-25
+918049-29	+227201-30	+000000+00	+000000+00
+484739-22	+476315-22	+271179-22	+521588-25
+366705-28	+907530-30	+000000+00	+000000+00
+484741-22	+476317-22	+271180-22	+523186-25
+147009-27	+363821-29	+000000+00	+000000+00
+484748-22	+476325-22	+271188-22	+530604-25
+659469-27	+163207-28	+000000+00	+000000+00
+484772-22	+476348-22	+271212-22	+553307-25
+222778-26	+551337-28	+000000+00	+000000+00
+484857-22	+476433-22	+271296-22	+634465-25
+783424-26	+193884-27	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
8	3	+100000+15

+161402-21	+158608-21	+903060-22	+173535-24
+107911-28	+267060-30	+000000+00	+000000+00
+161576-21	+158770-21	+903928-22	+173746-24
+413953-28	+102446-29	+000000+00	+000000+00
+161576-21	+158770-21	+903931-22	+174021-24
+231359-27	+572574-29	+000000+00	+000000+00
+161578-21	+158772-21	+903946-22	+175514-24
+126313-26	+312602-28	+000000+00	+000000+00
+161586-21	+158780-21	+904029-22	+183546-24
+681175-26	+168579-27	+000000+00	+000000+00
+161612-21	+158806-21	+904291-22	+208729-24
+242080-25	+599107-27	+000000+00	+000000+00
+161706-21	+158900-21	+905222-22	+298464-24
+861972-25	+213323-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
8	3	+300000+15

+484177-21	+475808-21	+270918-21	+520620-24
+428590-28	+106069-29	+000000+00	+000000+00
+484698-21	+476294-21	+271178-21	+521371-24
+216241-27	+536159-29	+000000+00	+000000+00
+484700-21	+476296-21	+271181-21	+523414-24
+162801-26	+402905-28	+000000+00	+000000+00
+484714-21	+476309-21	+271194-21	+536129-24
+104113-25	+257662-27	+000000+00	+000000+00
+484788-21	+476384-21	+271268-21	+607819-24
+599351-25	+148329-26	+000000+00	+000000+00
+485024-21	+476619-21	+271502-21	+833659-24
+215946-24	+534429-26	+000000+00	+000000+00
+485854-21	+477449-21	+272329-21	+163023-23
+766220-24	+189626-25	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
8	3	+100000+16

+161358-20	+158584-20	+903060-21	+173558-23
+265662-27	+657468-29	+000000+00	+000000+00
+161531-20	+158747-20	+903929-21	+173946-23
+179603-26	+444487-28	+000000+00	+000000+00
+161534-20	+158749-20	+903951-21	+176049-23
+163235-25	+403978-27	+000000+00	+000000+00
+161548-20	+158763-20	+904095-21	+189884-23
+111900-24	+276933-26	+000000+00	+000000+00
+161631-20	+158846-20	+904916-21	+269089-23
+659049-24	+163103-25	+000000+00	+000000+00
+161889-20	+159104-20	+907490-21	+517050-23
+237197-23	+587023-25	+000000+00	+000000+00
+162770-20	+159984-20	+916262-21	+136241-22
+821176-23	+203226-24	+000000+00	+000000+00

RUBIDIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
8	4	+100000+13	
+424744-22	+134342-22	+400253-23	+767983-26
+468167-30	+115863-31	+000000+00	+000000+00
+424821-22	+134413-22	+400637-23	+768848-26
+135404-29	+335102-31	+000000+00	+000000+00
+424821-22	+134413-22	+400637-23	+769230-26
+399134-29	+987788-31	+000000+00	+000000+00
+424821-22	+134413-22	+400638-23	+769925-26
+879409-29	+217638-30	+000000+00	+000000+00
+424821-22	+134413-22	+400639-23	+770799-26
+148271-28	+366946-30	+000000+00	+000000+00
+424822-22	+134414-22	+400640-23	+772132-26
+240367-28	+594867-30	+000000+00	+000000+00
+424822-22	+134414-22	+400645-23	+776810-26
+563520-28	+139461-29	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
8	4	+100000+14	
+424744-21	+134341-21	+400253-22	+767985-25
+477779-29	+118242-30	+000000+00	+000000+00
+424821-21	+134413-21	+400637-22	+768859-25
+142976-28	+363841-30	+000000+00	+000000+00
+424821-21	+134413-21	+400637-22	+769337-25
+472896-28	+117034-29	+000000+00	+000000+00
+424821-21	+134413-21	+400639-22	+770674-25
+139641-27	+346588-29	+000000+00	+000000+00
+424822-21	+134414-21	+400643-22	+775251-25
+455817-27	+112807-28	+000000+00	+000000+00
+424823-21	+134416-21	+400657-22	+788333-25
+135951-26	+336456-28	+000000+00	+000000+00
+424828-21	+134420-21	+400706-22	+835082-25
+458898-26	+113569-27	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
8	4	+300000+14	
+127423-20	+403024-21	+120076-21	+230396-24
+148304-28	+367027-30	+000000+00	+000000+00
+127446-20	+403239-21	+120191-21	+230665-24
+475267-28	+117620-29	+000000+00	+000000+00
+127446-20	+403239-21	+120191-21	+230871-24
+189840-27	+469821-29	+000000+00	+000000+00
+127446-20	+403240-21	+120192-21	+231697-24
+761054-27	+188348-28	+000000+00	+000000+00
+127447-20	+403244-21	+120196-21	+235538-24
+341402-26	+844911-28	+000000+00	+000000+00
+127448-20	+403256-21	+120208-21	+247291-24
+116330-25	+286423-27	+000000+00	+000000+00
+127452-20	+403300-21	+120252-21	+289306-24
+406573-25	+100372-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
8	4	+100000+15	
+424742-20	+134340-20	+400253-21	+767996-24
+558644-28	+138266-29	+000000+00	+000000+00
+424819-20	+134412-20	+400637-21	+768963-24
+214300-27	+530366-29	+000000+00	+000000+00
+424819-20	+134412-20	+400638-21	+770386-24
+119773-26	+296417-28	+000000+00	+000000+00
+424820-20	+134413-20	+400646-21	+778118-24
+653910-26	+161832-27	+000000+00	+000000+00
+424824-20	+134417-20	+400690-21	+819700-24
+362639-25	+872721-27	+000000+00	+000000+00
+424838-20	+134431-20	+400825-21	+950069-24
+125323-24	+310153-26	+000000+00	+000000+00
+424886-20	+134479-20	+401307-21	+141462-23
+446236-24	+110436-25	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
8	4	+300000+15	
+127421-19	+403014-20	+120076-20	+230407-23
+221878-27	+549109-29	+000000+00	+000000+00
+127444-19	+403229-20	+120191-20	+230758-23
+111946-26	+277048-28	+000000+00	+000000+00
+127445-19	+403231-20	+120192-20	+231816-23
+842810-26	+208581-27	+000000+00	+000000+00
+127445-19	+403237-20	+120199-20	+238398-23
+538987-25	+133390-26	+000000+00	+000000+00
+127449-19	+403276-20	+120238-20	+275511-23
+310280-24	+767888-26	+000000+00	+000000+00
+127461-19	+403398-20	+120359-20	+392427-23
+111794-23	+276670-25	+000000+00	+000000+00
+127504-19	+403827-20	+120787-20	+804806-23
+396666-23	+981680-25	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
8	4	+100000+16	
+424722-19	+134330-19	+400253-20	+768115-23
+137531-26	+340366-28	+000000+00	+000000+00
+424799-19	+134402-19	+400638-20	+769998-23
+929793-26	+230108-27	+000000+00	+000000+00
+424801-19	+134403-19	+400649-20	+780885-23
+845055-25	+209136-26	+000000+00	+000000+00
+424808-19	+134410-19	+400723-20	+852511-23
+579297-24	+143366-25	+000000+00	+000000+00
+424851-19	+134453-19	+401149-20	+126255-22
+341185-23	+844373-25	+000000+00	+000000+00
+424984-19	+134587-19	+402481-20	+254622-22
+122795-22	+303897-24	+000000+00	+000000+00
+425440-19	+135043-19	+407022-20	+692258-22
+425116-22	+105209-23	+000000+00	+000000+00

RUBIDIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
8	5	+100000+13	
+729488-29	+718858-29	+444700-29	+851058-30
+846983-30	+848964-30	+876816-30	+983816-30
+899164-29	+888493-29	+614083-29	+254251-29
+253805-29	+254699-29	+262753-29	+295146-29
+149126-28	+148059-28	+120618-28	+846368-29
+846133-29	+849111-29	+875937-29	+983832-29
+318386-28	+317319-28	+289878-28	+253903-28
+253940-28	+254831-28	+262862-28	+295161-28
+911838-28	+910772-28	+883333-28	+847379-28
+847624-28	+850673-28	+877140-28	+983996-28
+261618-27	+261511-27	+258768-27	+255178-27
+255260-27	+256126-27	+263928-27	+295306-27
+867671-27	+867565-27	+864824-27	+861252-27
+861518-27	+864200-27	+888358-27	+985624-27

ELEMENT	FUNCTION	PHI	
8	5	+100000+14	
+729486-28	+718856-28	+444699-28	+851052-29
+846977-29	+848958-29	+875810-29	+983809-29
+899160-28	+888490-28	+614081-28	+254249-28
+253803-28	+254697-28	+262751-28	+295143-28
+149125-27	+148058-27	+120617-27	+846360-28
+846124-28	+849102-28	+875926-28	+983814-28
+318381-27	+317314-27	+289874-27	+253894-27
+253936-27	+254827-27	+262856-27	+295148-27
+911804-27	+910738-27	+883300-27	+847345-27
+847590-27	+850637-27	+877087-27	+983871-27
+261590-26	+261483-26	+258740-26	+255150-26
+255232-26	+256096-26	+263882-26	+295198-26
+867326-26	+867220-26	+864478-26	+860907-26
+861171-26	+863836-26	+887837-26	+984374-26

ELEMENT	FUNCTION	PHI	
8	5	+300000+14	
+218844-27	+215656-27	+133409-27	+255312-28
+253789-28	+254683-28	+262739-28	+295138-28
+269745-27	+266545-27	+184223-27	+762733-28
+761395-28	+764077-28	+788237-28	+885411-28
+447367-27	+444167-27	+361845-27	+253902-27
+253831-27	+254726-27	+262771-27	+295133-27
+955114-27	+951914-27	+869594-27	+761669-27
+761778-27	+764461-27	+788527-27	+885361-27
+273519-26	+273199-26	+264967-26	+254181-26
+254254-26	+255137-26	+263090-26	+295078-26
+784582-26	+784262-26	+776032-26	+765263-26
+765508-26	+768090-26	+791344-26	+884875-26
+259968-25	+259936-25	+259114-25	+258042-25
+256120-25	+258908-25	+266006-25	+294653-25

ELEMENT	FUNCTION	PHI	
8	5	+100000+15	
+729462-27	+718841-27	+444693-27	+850992-28
+846917-28	+848897-28	+875748-28	+983743-28
+899122-27	+888461-27	+614060-27	+254220-27
+253782-27	+254676-27	+262729-27	+295115-27
+149114-26	+148048-26	+120608-26	+846272-27
+846036-27	+849012-27	+875819-27	+983637-27
+318337-26	+317271-26	+289831-26	+253856-26
+253893-26	+254782-26	+262795-26	+295023-26
+911466-26	+910400-26	+882963-26	+847009-26
+847251-26	+850178-26	+876651-26	+982624-26
+261310-25	+261203-25	+258460-25	+254870-25
+254950-25	+255798-25	+263430-25	+294128-25
+863905-25	+863799-25	+861058-25	+857485-25
+857732-25	+860231-25	+882741-25	+973281-25

ELEMENT	FUNCTION	PHI	
8	5	+300000+15	
+218823-26	+215642-26	+133404-26	+255258-27
+253736-27	+254629-27	+262683-27	+295079-27
+269711-26	+266518-26	+184205-26	+762548-27
+761211-27	+763891-27	+788039-27	+885162-27
+447272-26	+444079-26	+361766-26	+253823-26
+253752-26	+254644-26	+262674-26	+294973-26
+954714-26	+951521-26	+869210-26	+761284-26
+761392-26	+764049-26	+787981-26	+884239-26
+273214-25	+272895-25	+264665-25	+253878-25
+253949-25	+254815-25	+262610-25	+293965-25
+782073-25	+781754-25	+773525-25	+762754-25
+762984-25	+765417-25	+787333-25	+875482-25
+256951-24	+256920-24	+256097-24	+255024-24
+256089-24	+256742-24	+261630-24	+285311-24

ELEMENT	FUNCTION	PHI	
8	5	+100000+16	
+729223-26	+718689-26	+444634-26	+850392-27
+846316-27	+848296-27	+876136-27	+983082-27
+898738-26	+888164-26	+613857-26	+254024-26
+253578-26	+254470-26	+262509-26	+294839-26
+149008-25	+147951-25	+120521-25	+845394-26
+845166-26	+848113-26	+874748-26	+981874-26
+317892-25	+316835-25	+289405-25	+253430-25
+253464-25	+254336-25	+262192-25	+293787-25
+908093-25	+907036-25	+879608-25	+843651-25
+843876-25	+846615-25	+871303-25	+970699-25
+258554-24	+258449-24	+255706-24	+252115-24
+252180-24	+252880-24	+259181-24	+284523-24
+832386-24	+832281-24	+829539-24	+825955-24
+826094-24	+827620-24	+840370-24	+892053-24

RUBIDIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
8	6	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
8	6	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
8	6	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
8	6	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
8	6	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
8	6	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

RUBIDIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI	
8	7	+100000+13	
+107185-11	+105327-11	+599689-12	+115228-14
+000000+00	+000000+00	+000000+00	+000000+00
+107300-11	+105435-11	+600265-12	+115338-14
+000000+00	+000000+00	+000000+00	+000000+00
+107300-11	+105435-11	+600265-12	+115338-14
+000000+00	+000000+00	+000000+00	+000000+00
+107300-11	+105435-11	+600265-12	+115338-14
+000000+00	+000000+00	+000000+00	+000000+00
+107300-11	+105435-11	+600265-12	+115338-14
+000000+00	+000000+00	+000000+00	+000000+00
+107300-11	+105435-11	+600265-12	+115338-14
+000000+00	+000000+00	+000000+00	+000000+00
+107300-11	+105435-11	+600265-12	+115338-14
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
8	7	+100000+14	
+107184-10	+105327-10	+599689-11	+115228-13
+000000+00	+000000+00	+000000+00	+000000+00
+107300-10	+105435-10	+600265-11	+115338-13
+000000+00	+000000+00	+000000+00	+000000+00
+107300-10	+105435-10	+600265-11	+115338-13
+000000+00	+000000+00	+000000+00	+000000+00
+107300-10	+105435-10	+600265-11	+115338-13
+000000+00	+000000+00	+000000+00	+000000+00
+107300-10	+105435-10	+600265-11	+115338-13
+000000+00	+000000+00	+000000+00	+000000+00
+107300-10	+105435-10	+600265-11	+115338-13
+000000+00	+000000+00	+000000+00	+000000+00
+107300-10	+105435-10	+600265-11	+115338-13
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
8	7	+300000+14	
+321551-10	+315981-10	+179907-10	+346584-13
+000000+00	+000000+00	+000000+00	+000000+00
+321897-10	+316303-10	+180080-10	+346015-13
+000000+00	+000000+00	+000000+00	+000000+00
+321897-10	+316303-10	+180080-10	+346015-13
+000000+00	+000000+00	+000000+00	+000000+00
+321897-10	+316303-10	+180080-10	+346015-13
+000000+00	+000000+00	+000000+00	+000000+00
+321897-10	+316303-10	+180080-10	+346015-13
+000000+00	+000000+00	+000000+00	+000000+00
+321897-10	+316303-10	+180080-10	+346015-13
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
8	7	+100000+15	
+107181-09	+105326-09	+599689-10	+115228-12
+000000+00	+000000+00	+000000+00	+000000+00
+107297-09	+105433-09	+600265-10	+115338-12
+000000+00	+000000+00	+000000+00	+000000+00
+107297-09	+105433-09	+600265-10	+115338-12
+000000+00	+000000+00	+000000+00	+000000+00
+107297-09	+105433-09	+600265-10	+115338-12
+000000+00	+000000+00	+000000+00	+000000+00
+107297-09	+105433-09	+600265-10	+115338-12
+000000+00	+000000+00	+000000+00	+000000+00
+107297-09	+105433-09	+600265-10	+115338-12
+000000+00	+000000+00	+000000+00	+000000+00
+107297-09	+105433-09	+600265-10	+115338-12
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
8	7	+300000+15	
+321524-09	+315967-09	+179907-09	+346584-12
+000000+00	+000000+00	+000000+00	+000000+00
+321870-09	+316289-09	+180079-09	+346015-12
+000000+00	+000000+00	+000000+00	+000000+00
+321870-09	+316289-09	+180079-09	+346015-12
+000000+00	+000000+00	+000000+00	+000000+00
+321870-09	+316289-09	+180079-09	+346015-12
+000000+00	+000000+00	+000000+00	+000000+00
+321870-09	+316289-09	+180079-09	+346015-12
+000000+00	+000000+00	+000000+00	+000000+00
+321870-09	+316289-09	+180079-09	+346015-12
+000000+00	+000000+00	+000000+00	+000000+00
+321870-09	+316289-09	+180079-09	+346015-12
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
8	7	+100000+16	
+107152-08	+105310-08	+599689-09	+115228-11
+000000+00	+000000+00	+000000+00	+000000+00
+107267-08	+105418-08	+600265-09	+115338-11
+000000+00	+000000+00	+000000+00	+000000+00
+107267-08	+105418-08	+600265-09	+115338-11
+000000+00	+000000+00	+000000+00	+000000+00
+107267-08	+105418-08	+600265-09	+115338-11
+000000+00	+000000+00	+000000+00	+000000+00
+107267-08	+105418-08	+600265-09	+115338-11
+000000+00	+000000+00	+000000+00	+000000+00
+107267-08	+105418-08	+600265-09	+115338-11
+000000+00	+000000+00	+000000+00	+000000+00

RUBIDIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
8	8	+100000+13

+785959-18	+785636-18	+782735-18	+754311-18
+521081-18	+128968-19	+111147-35	+000000+00
+227317-17	+227223-17	+226384-17	+218163-17
+150708-17	+372976-19	+321461-35	+000000+00
+670066-17	+669791-17	+667318-17	+643085-17
+444245-17	+109943-18	+947578-35	+000000+00
+147635-16	+147574-16	+147030-16	+141690-16
+978801-17	+242236-18	+208779-34	+000000+00
+248917-16	+248815-16	+247896-16	+238894-16
+165029-16	+408417-18	+352007-34	+000000+00
+403628-16	+403362-16	+401873-16	+387279-16
+267534-16	+662099-18	+570651-34	+000000+00
+946036-16	+945647-16	+942156-16	+907942-16
+627210-16	+155224-17	+133784-33	+000000+00

ELEMENT	FUNCTION	PHI
8	8	+100000+14

+802095-17	+801765-17	+798805-17	+769797-17
+531778-17	+131606-18	+113429-34	+000000+00
+240028-16	+239929-16	+239044-16	+230363-16
+159136-16	+393833-18	+339437-34	+000000+00
+793897-16	+793671-16	+790641-16	+761930-16
+526344-16	+130261-17	+112269-33	+000000+00
+234429-15	+234333-15	+233468-15	+224990-15
+155424-15	+384647-17	+331520-33	+000000+00
+765225-15	+764910-15	+762086-15	+734411-15
+507334-15	+126656-16	+108215-32	+000000+00
+228235-14	+228141-14	+227299-14	+219045-14
+161317-14	+374483-16	+322760-32	+000000+00
+770398-14	+770081-14	+767238-14	+739376-14
+510764-14	+126405-15	+108946-31	+000000+00

ELEMENT	FUNCTION	PHI
8	8	+300000+14

+248973-16	+248871-16	+247952-16	+238948-16
+165066-16	+408509-18	+352086-34	+000000+00
+797877-16	+797549-16	+794605-16	+765749-16
+528982-16	+130914-17	+112832-33	+000000+00
+318703-15	+318572-15	+317396-15	+305870-15
+211296-15	+522921-17	+450696-33	+000000+00
+127766-14	+127713-14	+127242-14	+122621-14
+847069-15	+209636-16	+180680-32	+000000+00
+573145-14	+572910-14	+570795-14	+550067-14
+379988-14	+940404-16	+810516-32	+000000+00
+193617-13	+193537-13	+192823-13	+185820-13
+128365-13	+317682-16	+273804-31	+000000+00
+680875-13	+680595-13	+678083-13	+653459-13
+451411-13	+111716-14	+962863-31	+000000+00

ELEMENT	FUNCTION	PHI
8	8	+100000+15

+937852-16	+937466-16	+934005-16	+900087-16
+621784-16	+163881-17	+132627-33	+000000+00
+359767-15	+359619-15	+358291-15	+345280-15
+238521-15	+590298-17	+608766-33	+000000+00
+201074-14	+200992-14	+200250-14	+192978-14
+133310-14	+329919-16	+284351-32	+000000+00
+109778-13	+109733-13	+109328-13	+105358-13
+727817-14	+180122-15	+156244-31	+000000+00
+592010-13	+591767-13	+589582-13	+568172-13
+392495-13	+971367-15	+837194-31	+000000+00
+210392-12	+210306-12	+209529-12	+201920-12
+139487-12	+346207-14	+297527-30	+000000+00
+749141-12	+748833-12	+746069-12	+718976-12
+496671-12	+122917-13	+105940-29	+000000+00

ELEMENT	FUNCTION	PHI
8	8	+300000+15

+372488-15	+372335-15	+370961-15	+357489-15
+246955-15	+611171-17	+626756-33	+000000+00
+187935-14	+187858-14	+187164-14	+180368-14
+124599-14	+308360-16	+265770-32	+000000+00
+141491-13	+141433-13	+140911-13	+135793-13
+938066-14	+232166-15	+200090-31	+000000+00
+904850-13	+904478-13	+901139-13	+868415-13
+599904-13	+148466-14	+127960-30	+000000+00
+520897-12	+520683-12	+518760-12	+499922-12
+345348-12	+854676-14	+736629-30	+000000+00
+187679-11	+187602-11	+186909-11	+180122-11
+124429-11	+307940-13	+265407-29	+000000+00
+665923-11	+665649-11	+663192-11	+639108-11
+441498-11	+109263-12	+941718-29	+000000+00

ELEMENT	FUNCTION	PHI
8	8	+100000+16

+230887-14	+230792-14	+229940-14	+221590-14
+153075-14	+378835-16	+326511-32	+000000+00
+156094-13	+156029-13	+155453-13	+149808-13
+103488-13	+256115-15	+220740-31	+000000+00
+141868-12	+141809-12	+141286-12	+136155-12
+940564-13	+232773-14	+200623-30	+000000+00
+972524-12	+972124-12	+968535-12	+933364-12
+644771-12	+159570-13	+137530-29	+000000+00
+572780-11	+572545-11	+570431-11	+549716-11
+379746-11	+939805-13	+810000-29	+000000+00
+206149-10	+206064-10	+205303-10	+197848-10
+136674-10	+338244-12	+291526-28	+000000+00
+713684-10	+713391-10	+710757-10	+684946-10
+473163-10	+117100-11	+100926-27	+000000+00

RUBIDIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI	
8	9	+100000+13	
+471612-11	+463440-11	+263863-11	+507003-14
+000000+00	+000000+00	+000000+00	+000000+00
+472120-11	+463914-11	+264117-11	+507489-14
+000000+00	+000000+00	+000000+00	+000000+00
+472120-11	+463914-11	+264117-11	+507489-14
+000000+00	+000000+00	+000000+00	+000000+00
+472120-11	+463914-11	+264117-11	+507489-14
+000000+00	+000000+00	+000000+00	+000000+00
+472120-11	+463914-11	+264117-11	+507489-14
+000000+00	+000000+00	+000000+00	+000000+00
+472120-11	+463914-11	+264117-11	+507489-14
+000000+00	+000000+00	+000000+00	+000000+00
+472120-11	+463914-11	+264117-11	+507489-14
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
8	9	+100000+14	
+471611-10	+463440-10	+263863-10	+507003-13
+000000+00	+000000+00	+000000+00	+000000+00
+472119-10	+463913-10	+264117-10	+507489-13
+000000+00	+000000+00	+000000+00	+000000+00
+472119-10	+463913-10	+264117-10	+507489-13
+000000+00	+000000+00	+000000+00	+000000+00
+472119-10	+463913-10	+264117-10	+507489-13
+000000+00	+000000+00	+000000+00	+000000+00
+472119-10	+463913-10	+264117-10	+507489-13
+000000+00	+000000+00	+000000+00	+000000+00
+472119-10	+463913-10	+264117-10	+507489-13
+000000+00	+000000+00	+000000+00	+000000+00
+472119-10	+463913-10	+264117-10	+507489-13
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
8	9	+300000+14	
+141482-09	+139031-09	+791590-10	+152101-12
+000000+00	+000000+00	+000000+00	+000000+00
+141635-09	+139173-09	+792350-10	+152247-12
+000000+00	+000000+00	+000000+00	+000000+00
+141635-09	+139173-09	+792350-10	+152247-12
+000000+00	+000000+00	+000000+00	+000000+00
+141635-09	+139173-09	+792350-10	+152247-12
+000000+00	+000000+00	+000000+00	+000000+00
+141635-09	+139173-09	+792350-10	+152247-12
+000000+00	+000000+00	+000000+00	+000000+00
+141635-09	+139173-09	+792350-10	+152247-12
+000000+00	+000000+00	+000000+00	+000000+00
+141635-09	+139173-09	+792350-10	+152247-12
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
8	9	+100000+15	
+471598-09	+463433-09	+263863-09	+507003-12
+000000+00	+000000+00	+000000+00	+000000+00
+472105-09	+463906-09	+264117-09	+507489-12
+000000+00	+000000+00	+000000+00	+000000+00
+472105-09	+463906-09	+264117-09	+507489-12
+000000+00	+000000+00	+000000+00	+000000+00
+472105-09	+463906-09	+264117-09	+507489-12
+000000+00	+000000+00	+000000+00	+000000+00
+472105-09	+463906-09	+264117-09	+507489-12
+000000+00	+000000+00	+000000+00	+000000+00
+472105-09	+463906-09	+264117-09	+507489-12
+000000+00	+000000+00	+000000+00	+000000+00
+472105-09	+463906-09	+264117-09	+507489-12
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
8	9	+300000+15	
+141471-08	+139025-08	+791590-09	+152101-11
+000000+00	+000000+00	+000000+00	+000000+00
+141623-08	+139167-08	+792350-09	+152247-11
+000000+00	+000000+00	+000000+00	+000000+00
+141623-08	+139167-08	+792350-09	+152247-11
+000000+00	+000000+00	+000000+00	+000000+00
+141623-08	+139167-08	+792350-09	+152247-11
+000000+00	+000000+00	+000000+00	+000000+00
+141623-08	+139167-08	+792350-09	+152247-11
+000000+00	+000000+00	+000000+00	+000000+00
+141623-08	+139167-08	+792350-09	+152247-11
+000000+00	+000000+00	+000000+00	+000000+00
+141623-08	+139167-08	+792350-09	+152247-11
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
8	9	+100000+16	
+471467-08	+463364-08	+263863-08	+507003-11
+346650-38	+000000+00	+000000+00	+000000+00
+471975-08	+463838-08	+264116-08	+507489-11
+346983-38	+000000+00	+000000+00	+000000+00
+471975-08	+463838-08	+264116-08	+507489-11
+346983-38	+000000+00	+000000+00	+000000+00
+471975-08	+463838-08	+264116-08	+507489-11
+346983-38	+000000+00	+000000+00	+000000+00
+471975-08	+463838-08	+264116-08	+507489-11
+346983-38	+000000+00	+000000+00	+000000+00
+471975-08	+463838-08	+264116-08	+507489-11
+346983-38	+000000+00	+000000+00	+000000+00
+471975-08	+463838-08	+264116-08	+507489-11
+346983-38	+000000+00	+000000+00	+000000+00

STRONTIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
9	1	+100000+13

+993916-05	+993061-05	+964584-05	+849899-05
+794908-05	+617036-05	+530966-05	+370680-05
+267174-04	+267034-04	+263734-04	+249933-04
+237419-04	+184828-04	+159280-04	+111201-04
+833985-04	+833818-04	+830273-04	+814084-04
+779632-04	+612927-04	+530868-04	+370632-04
+236228-03	+236205-03	+235795-03	+233622-03
+225021-03	+181486-03	+159191-03	+111157-03
+702675-03	+702640-03	+702124-03	+698907-03
+680577-03	+586976-03	+529834-03	+370127-03
+184659-02	+184655-02	+184597-02	+184217-02
+181839-02	+169332-02	+158232-02	+110684-02
+562905-02	+562900-02	+562841-02	+562442-02
+559876-02	+546626-02	+519059-02	+364813-02

ELEMENT	FUNCTION	PHI
9	1	+100000+14

+993916-04	+993061-04	+964583-04	+849898-04
+794910-04	+617048-04	+530969-04	+370687-04
+267174-03	+267034-03	+263734-03	+249933-03
+237421-03	+184838-03	+159293-03	+111207-03
+833990-03	+833823-03	+830278-03	+814092-03
+779658-03	+613045-03	+530999-03	+370702-03
+236244-02	+236221-02	+235811-02	+233640-02
+225052-02	+181585-02	+159307-02	+111214-02
+703061-02	+703026-02	+702511-02	+699302-02
+681052-02	+586852-02	+530788-02	+370599-02
+185014-01	+185010-01	+184952-01	+184574-01
+182212-01	+169790-01	+158688-01	+110910-01
+564597-01	+564593-01	+564534-01	+564137-01
+561587-01	+547419-01	+520763-01	+365667-01

ELEMENT	FUNCTION	PHI
9	1	+300000+14

+298174-03	+297918-03	+289375-03	+254969-03
+238474-03	+185122-03	+159300-03	+111211-03
+801521-03	+801101-03	+791201-03	+749800-03
+712275-03	+564587-03	+477965-03	+333664-03
+250201-02	+250150-02	+249087-02	+244233-02
+233914-02	+183992-02	+159394-02	+111257-02
+708838-02	+708769-02	+707539-02	+701035-02
+675362-02	+545415-02	+478691-02	+334023-02
+211173-01	+211163-01	+211009-01	+210052-01
+204629-01	+176635-01	+159866-01	+111491-01
+557365-01	+557353-01	+557182-01	+556059-01
+549083-01	+512366-01	+479049-01	+334211-01
+170478+00	+170477+00	+170459+00	+170341+00
+169588+00	+165390+00	+157336+00	+110256+00

ELEMENT	FUNCTION	PHI
9	1	+100000+15

+993910-03	+993055-03	+964578-03	+849895-03
+794925-03	+617162-03	+531108-03	+370753-03
+267173-02	+267033-02	+263733-02	+249934-02
+237439-02	+184945-02	+159422-02	+111270-02
+834043-02	+833876-02	+830333-02	+814166-02
+779911-02	+614220-02	+532404-02	+371394-02
+236401-01	+236378-01	+235969-01	+233812-01
+225357-01	+182568-01	+160452-01	+111780-01
+706810-01	+706777-01	+706270-01	+703143-01
+685652-01	+595335-01	+540012-01	+375161-01
+188353+00	+188349+00	+188294+00	+187932+00
+185726+00	+174086+00	+162966+00	+113032+00
+580095+00	+580090+00	+580033+00	+579653+00
+577263+00	+563847+00	+536376+00	+373509+00

ELEMENT	FUNCTION	PHI
9	1	+300000+15

+298169-02	+297913-02	+289370-02	+254966-02
+238488-02	+185224-02	+159425-02	+111270-02
+801513-02	+801092-02	+791194-02	+749810-02
+712439-02	+555545-02	+479125-02	+334229-02
+250247-01	+250197-01	+249136-01	+244298-01
+234140-01	+185040-01	+160647-01	+111873-01
+710213-01	+710146-01	+708929-01	+702549-01
+678036-01	+554030-01	+488726-01	+338977-01
+214340+00	+214330+00	+214183+00	+213294+00
+208503+00	+183735+00	+167580+00	+115307+00
+583801+00	+583790+00	+583632+00	+582639+00
+576864+00	+546203+00	+512695+00	+350916+00
+182112+01	+182111+01	+182095+01	+181990+01
+181358+01	+177736+01	+169075+01	+116170+01

ELEMENT	FUNCTION	PHI
9	1	+100000+16

+993853-02	+992998-02	+964522-02	+849860-02
+795081-02	+618295-02	+532491-02	+371411-02
+267163-01	+267023-01	+263725-01	+249944-01
+237620-01	+185999-01	+160698-01	+111892-01
+834542-01	+834377-01	+830853-01	+814871-01
+782340-01	+625481-01	+545876-01	+378024-01
+237807+00	+237786+00	+237390+00	+235359+00
+228079+00	+191306+00	+170628+00	+116803+00
+735349+00	+735322+00	+734875+00	+732333+00
+720279+00	+657713+00	+607573+00	+408603+00
+208313+01	+208310+01	+208264+01	+207997+01
+206660+01	+199389+01	+188073+01	+125535+01
+656180+01	+656177+01	+656129+01	+655844+01
+654329+01	+645047+01	+613757+01	+412969+01

STRONTIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
9	2	+100000+13

+367425-20	+189472-20	+115300-20	+123487-21
+960805-23	+258892-23	+671225-25	+331140-25
+382382-20	+204173-20	+127922-20	+162307-21
+284056-22	+765626-23	+201353-24	+993353-25
+389759-20	+211544-20	+135245-20	+232949-21
+900120-22	+242873-22	+671015-24	+331038-24
+406530-20	+228313-20	+151991-20	+398216-21
+234848-21	+635727-22	+201162-23	+992421-24
+438157-20	+259935-20	+183573-20	+709914-21
+508301-21	+139435-21	+668825-23	+329966-23
+455799-20	+277576-20	+201190-20	+883949-21
+662406-21	+190650-21	+199120-22	+982380-23
+461515-20	+283291-20	+206906-20	+940981-21
+718319-21	+240494-21	+645939-22	+318684-22

ELEMENT	FUNCTION	PHI
9	2	+100000+14

+367425-19	+189472-19	+115300-19	+123486-20
+960752-22	+258878-22	+671255-24	+331155-24
+382381-19	+204173-19	+127922-19	+162301-20
+284007-21	+765501-22	+201381-23	+993490-24
+389753-19	+211539-19	+135239-19	+232892-20
+899616-21	+242742-21	+671315-23	+331186-23
+406486-19	+228269-19	+151948-19	+397787-20
+234473-20	+634758-21	+201408-22	+993634-23
+437901-19	+259680-19	+183317-19	+707394-20
+506099-20	+138870-20	+670845-22	+330963-22
+455257-19	+277033-19	+200650-19	+878614-20
+657750-20	+189377-20	+200083-21	+987131-22
+460965-19	+282741-19	+206356-19	+935561-20
+713622-20	+239535-20	+649497-21	+320439-21

ELEMENT	FUNCTION	PHI
9	2	+300000+14

+110227-18	+568416-19	+345899-19	+370455-20
+288190-21	+776541-22	+201397-23	+993566-24
+114714-18	+612514-19	+383761-19	+486866-20
+851701-21	+229567-21	+604328-23	+298138-23
+116922-18	+634577-19	+405679-19	+698291-20
+269549-20	+727355-21	+201594-22	+994544-23
+121917-18	+684520-19	+455556-19	+119052-19
+700931-20	+189783-20	+605857-22	+298896-22
+131202-18	+777353-19	+548268-19	+210557-19
+150377-19	+412881-20	+202587-21	+999466-22
+136224-18	+827569-19	+598423-19	+260106-19
+194289-19	+560614-20	+606546-21	+299246-21
+137931-18	+844642-19	+615493-19	+277144-19
+211033-19	+712365-20	+197158-20	+972711-21

ELEMENT	FUNCTION	PHI
9	2	+100000+15

+367424-18	+189471-18	+115299-18	+123480-19
+960216-21	+258739-21	+671560-23	+331306-23
+382376-18	+204167-18	+127916-18	+162246-19
+283525-20	+764250-21	+201658-22	+994858-23
+389695-18	+211480-18	+135181-18	+232317-19
+894594-20	+241440-20	+674303-22	+332660-22
+406057-18	+227840-18	+151519-18	+393555-19
+230772-19	+625181-20	+203836-21	+100561-21
+435436-18	+257215-18	+180856-18	+683111-19
+484870-19	+133420-19	+690367-21	+340595-21
+450228-18	+272005-18	+195628-18	+829078-19
+614512-19	+178676-19	+209108-20	+103166-20
+455896-18	+277673-18	+201295-18	+885674-19
+670393-19	+230689-19	+682041-20	+336496-20

ELEMENT	FUNCTION	PHI
9	2	+300000+15

+110227-17	+568410-18	+345894-18	+370400-19
+287708-20	+775292-21	+201671-22	+994918-23
+114709-17	+612464-18	+383711-18	+486372-19
+847374-20	+228444-20	+606816-22	+299366-22
+116870-17	+634057-18	+405160-18	+693171-19
+265071-19	+715746-20	+204258-21	+100769-21
+121541-17	+680758-18	+451799-18	+115345-18
+668516-19	+181396-19	+627132-21	+309393-21
+129153-17	+756870-18	+527812-18	+190374-18
+132734-18	+367597-19	+218909-20	+108000-20
+132338-17	+788715-18	+559621-18	+221828-18
+160879-18	+478020-19	+677487-20	+334247-20
+134067-17	+806005-18	+576911-18	+239107-18
+178067-18	+644571-19	+221551-19	+109306-19

ELEMENT	FUNCTION	PHI
9	2	+100000+16

+367418-17	+189465-17	+115293-17	+123419-18
+954886-20	+257356-20	+674594-22	+332803-22
+382321-17	+204112-17	+127861-17	+161702-18
+278765-19	+751901-20	+204394-21	+100836-21
+389136-17	+210922-17	+134623-17	+226811-18
+846433-19	+228963-19	+702947-21	+346794-21
+402248-17	+224031-17	+147716-17	+356025-18
+197952-18	+540251-19	+225408-20	+111205-20
+417824-17	+239605-17	+163270-17	+509596-18
+333186-18	+945093-19	+833240-20	+411087-20
+422232-17	+244013-17	+167674-17	+553313-18
+373845-18	+119311-18	+261894-19	+129209-19
+428504-17	+250285-17	+173946-17	+616024-18
+436501-18	+181466-18	+840838-19	+414842-19

STRONTIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
9	3	+100000+13	
+398399-23	+396545-23	+335571-23	+559714-24
+932721-32	+000000+00	+000000+00	+000000+00
+462021-23	+458914-23	+387712-23	+646683-24
+107765-31	+000000+00	+000000+00	+000000+00
+463233-23	+460102-23	+388705-23	+648339-24
+108041-31	+000000+00	+000000+00	+000000+00
+463233-23	+460102-23	+388705-23	+648339-24
+108041-31	+000000+00	+000000+00	+000000+00
+463233-23	+460102-23	+388705-23	+648339-24
+108041-31	+000000+00	+000000+00	+000000+00
+463233-23	+460102-23	+388705-23	+648339-24
+108041-31	+000000+00	+000000+00	+000000+00
+463233-23	+460102-23	+388705-23	+648339-24
+108041-31	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
9	3	+100000+14	
+398399-22	+396545-22	+335571-22	+559714-23
+932721-31	+000000+00	+000000+00	+000000+00
+462021-22	+458914-22	+387712-22	+646683-23
+107765-30	+000000+00	+000000+00	+000000+00
+463233-22	+460102-22	+388705-22	+648339-23
+108041-30	+000000+00	+000000+00	+000000+00
+463233-22	+460102-22	+388705-22	+648339-23
+108041-30	+000000+00	+000000+00	+000000+00
+463233-22	+460102-22	+388705-22	+648339-23
+108041-30	+000000+00	+000000+00	+000000+00
+463233-22	+460102-22	+388705-22	+648339-23
+108041-30	+000000+00	+000000+00	+000000+00
+463233-22	+460102-22	+388705-22	+648339-23
+108041-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
9	3	+300000+14	
+119520-21	+118964-21	+100671-21	+167914-22
+279816-30	+000000+00	+000000+00	+000000+00
+138606-21	+137674-21	+116314-21	+194005-22
+323295-30	+000000+00	+000000+00	+000000+00
+138970-21	+138031-21	+116612-21	+194502-22
+324122-30	+000000+00	+000000+00	+000000+00
+138970-21	+138031-21	+116612-21	+194502-22
+324122-30	+000000+00	+000000+00	+000000+00
+138970-21	+138031-21	+116612-21	+194502-22
+324122-30	+000000+00	+000000+00	+000000+00
+138970-21	+138031-21	+116612-21	+194502-22
+324122-30	+000000+00	+000000+00	+000000+00
+138970-21	+138031-21	+116612-21	+194502-22
+324122-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
9	3	+100000+15	
+398399-21	+396545-21	+335571-21	+559714-22
+932721-30	+000000+00	+000000+00	+000000+00
+462021-21	+458914-21	+387712-21	+646683-22
+107765-29	+000000+00	+000000+00	+000000+00
+463233-21	+460102-21	+388705-21	+648339-22
+108041-29	+000000+00	+000000+00	+000000+00
+463233-21	+460102-21	+388705-21	+648339-22
+108041-29	+000000+00	+000000+00	+000000+00
+463233-21	+460102-21	+388705-21	+648339-22
+108041-29	+000000+00	+000000+00	+000000+00
+463233-21	+460102-21	+388705-21	+648339-22
+108041-29	+000000+00	+000000+00	+000000+00
+463233-21	+460102-21	+388705-21	+648339-22
+108041-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
9	3	+300000+15	
+119520-20	+118964-20	+100671-20	+167914-21
+279816-29	+000000+00	+000000+00	+000000+00
+138606-20	+137674-20	+116314-20	+194005-21
+323295-29	+000000+00	+000000+00	+000000+00
+138970-20	+138030-20	+116612-20	+194502-21
+324122-29	+000000+00	+000000+00	+000000+00
+138970-20	+138030-20	+116612-20	+194502-21
+324122-29	+000000+00	+000000+00	+000000+00
+138970-20	+138030-20	+116612-20	+194502-21
+324122-29	+000000+00	+000000+00	+000000+00
+138970-20	+138030-20	+116612-20	+194502-21
+324122-29	+000000+00	+000000+00	+000000+00
+138970-20	+138030-20	+116612-20	+194502-21
+324122-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
9	3	+100000+16	
+398399-20	+396545-20	+335571-20	+559714-21
+932721-29	+000000+00	+000000+00	+000000+00
+462021-20	+458914-20	+387712-20	+646683-21
+107765-28	+000000+00	+000000+00	+000000+00
+463233-20	+460102-20	+388705-20	+648339-21
+108041-28	+000000+00	+000000+00	+000000+00
+463233-20	+460102-20	+388705-20	+648339-21
+108041-28	+000000+00	+000000+00	+000000+00
+463233-20	+460102-20	+388705-20	+648339-21
+108041-28	+000000+00	+000000+00	+000000+00
+463233-20	+460102-20	+388705-20	+648339-21
+108041-28	+000000+00	+000000+00	+000000+00
+463233-20	+460102-20	+388705-20	+648339-21
+108041-28	+000000+00	+000000+00	+000000+00

STRONTIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
9	4	+100000+13

+216387-22	+101178-22	+657520-23	+947359-24
+276116-25	+735075-26	+795794-28	+392560-28
+227421-22	+112006-22	+749011-23	+115108-23
+816266-25	+217333-25	+238721-27	+117760-27
+229670-22	+114250-22	+771113-23	+135589-23
+258599-24	+688836-25	+795540-27	+392439-27
+234486-22	+119066-22	+819207-23	+183048-23
+674223-24	+179839-24	+238491-26	+117650-26
+243530-22	+128108-22	+909510-23	+272164-23
+145499-23	+390289-24	+792916-26	+391169-26
+248379-22	+132957-22	+957933-23	+319969-23
+187552-23	+613640-24	+236057-25	+116459-25
+249207-22	+133785-22	+966209-23	+328211-23
+195477-23	+576293-24	+765753-25	+377794-25

ELEMENT	FUNCTION	PHI
9	4	+100000+14

+216387-21	+101178-21	+657520-22	+947357-23
+276101-24	+735034-25	+795830-27	+392578-27
+227421-21	+112006-21	+749010-22	+115106-22
+816126-24	+217296-24	+238754-26	+117776-26
+229668-21	+114249-21	+771096-22	+135572-22
+258453-23	+688453-24	+795896-26	+392615-26
+234474-21	+119054-21	+819081-22	+182924-22
+673137-23	+179555-23	+238782-25	+117793-25
+243456-21	+128034-21	+908769-22	+271433-22
+144859-22	+388620-23	+795310-25	+392350-25
+248221-21	+132799-21	+956754-22	+318411-22
+186190-22	+510136-23	+237199-24	+117022-24
+249042-21	+133619-21	+964556-22	+326581-22
+194055-22	+572874-23	+769970-24	+379875-24

ELEMENT	FUNCTION	PHI
9	4	+300000+14

+649161-21	+303533-21	+197256-21	+284206-22
+828199-24	+220483-24	+238773-26	+117785-26
+682261-21	+336015-21	+224702-21	+345308-22
+244745-23	+651645-24	+716482-26	+353437-26
+688993-21	+342735-21	+231318-21	+406604-22
+774386-23	+206281-23	+239006-25	+117901-25
+703338-21	+357077-21	+245641-21	+547948-22
+201220-22	+536776-23	+718283-25	+354335-25
+729878-21	+383613-21	+272142-21	+809479-22
+430361-22	+115485-22	+240173-24	+118485-24
+743632-21	+397366-21	+285877-21	+945077-22
+549690-22	+150756-22	+719062-24	+354750-24
+746049-21	+399782-21	+288293-21	+969145-22
+572927-22	+169639-22	+233728-23	+115313-23

ELEMENT	FUNCTION	PHI
9	4	+100000+15

+216387-20	+101178-20	+657518-21	+947339-22
+275946-23	+734627-24	+796191-26	+392756-26
+227419-20	+112004-20	+748993-21	+115090-21
+814729-23	+216930-23	+239083-25	+117938-25
+229651-20	+114232-20	+770928-21	+135406-21
+256998-22	+684640-23	+799438-25	+394362-25
+234349-20	+118929-20	+817839-21	+181698-21
+662410-22	+176746-22	+241661-24	+119213-24
+242741-20	+127319-20	+901628-21	+264388-21
+138695-21	+372533-22	+818451-24	+403768-24
+246753-20	+131331-20	+941693-21	+303946-21
+173543-21	+477597-22	+247898-23	+122301-23
+247519-20	+132097-20	+949350-21	+311581-21
+180978-21	+541397-22	+808551-23	+398909-23

ELEMENT	FUNCTION	PHI
9	4	+300000+15

+649160-20	+303532-20	+197254-20	+284190-21
+826804-23	+220118-23	+239098-25	+117946-25
+682247-20	+336001-20	+224687-20	+345165-21
+243491-22	+648359-23	+719430-25	+354892-25
+688843-20	+342584-20	+231167-20	+405121-21
+761411-22	+202881-22	+242163-24	+119459-24
+702248-20	+355987-20	+244553-20	+537210-21
+191824-21	+512174-22	+743502-24	+366779-24
+723934-20	+377671-20	+266207-20	+750919-21
+379130-21	+102116-21	+259522-23	+128032-23
+732284-20	+386019-20	+274546-20	+833276-21
+451945-21	+125619-21	+803158-23	+396243-23
+734445-20	+388180-20	+276706-20	+854857-21
+473281-21	+145616-21	+262646-22	+129580-22

ELEMENT	FUNCTION	PHI
9	4	+100000+16

+216385-19	+101176-19	+657500-20	+947163-21
+274401-22	+730579-23	+799787-25	+394531-25
+227403-19	+111988-19	+748834-20	+114933-20
+800938-22	+213316-22	+242326-24	+119539-24
+229489-19	+114070-19	+769311-20	+133811-20
+243043-21	+648074-22	+833392-24	+411117-24
+233246-19	+117826-19	+806819-20	+170825-20
+567272-21	+151836-21	+267231-23	+131831-23
+237630-19	+122210-19	+850600-20	+214037-20
+946469-21	+257602-21	+987813-23	+487335-23
+238574-19	+123153-19	+860029-20	+223371-20
+103101-20	+296595-21	+310472-22	+153175-22
+239319-19	+123899-19	+867480-20	+230821-20
+110542-20	+370315-21	+996800-22	+491787-22

STRONTIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
9	5	+100000+13

+356977-27	+359873-27	+362235-27	+357491-27
+313334-27	+852047-28	+317442-29	+157154-29
+106674-26	+106954-26	+107096-26	+105693-26
+926398-27	+252023-27	+952262-29	+471430-29
+339322-26	+339567-26	+339403-26	+334958-26
+293611-26	+799981-27	+317344-28	+157106-28
+886520-26	+886685-26	+885802-26	+874217-26
+766469-26	+209803-26	+951365-28	+470991-28
+192188-25	+192189-25	+191966-25	+189471-25
+166266-25	+463776-26	+316315-27	+156601-27
+251638-25	+251632-25	+251339-25	+248147-25
+218464-25	+650818-26	+941751-27	+466261-27
+277365-25	+277359-25	+277062-25	+273830-25
+243778-25	+884130-26	+305534-26	+151287-26

ELEMENT	FUNCTION	PHI
9	5	+100000+14

+356957-26	+359853-26	+362214-26	+357471-26
+313317-26	+852002-27	+317457-28	+157161-28
+106656-25	+106935-25	+107078-25	+105675-25
+926241-26	+251982-26	+952393-28	+471495-28
+339132-25	+339378-25	+339214-25	+334771-25
+293448-25	+799561-26	+317486-27	+157176-27
+885110-25	+885276-25	+884395-25	+872829-25
+765255-25	+209492-26	+952526-27	+471566-27
+191360-24	+191361-24	+191140-24	+188656-24
+165554-24	+461970-25	+317271-26	+157074-26
+249894-24	+249888-24	+249597-24	+246429-24
+216966-24	+647224-25	+946324-26	+468534-26
+275636-24	+275629-24	+275335-24	+272129-24
+242311-24	+881609-25	+307248-25	+152152-25

ELEMENT	FUNCTION	PHI
9	5	+300000+14

+107074-25	+107942-25	+108651-25	+107228-25
+939834-26	+255571-26	+952466-28	+471531-28
+319847-25	+320685-25	+321113-25	+316906-25
+277768-25	+766679-26	+285805-27	+141492-27
+101613-24	+101687-24	+101638-24	+100307-24
+879255-25	+239688-26	+953401-27	+471995-27
+264597-24	+264647-24	+264384-24	+260926-24
+228770-24	+626407-25	+286530-26	+141852-26
+568620-24	+568626-24	+567967-24	+560589-24
+491962-24	+137400-24	+958119-26	+474348-26
+738306-24	+738290-24	+737433-24	+728084-24
+641132-24	+191825-24	+286887-25	+142047-25
+815660-24	+815643-24	+814775-24	+805322-24
+717399-24	+262842-24	+932876-25	+462072-25

ELEMENT	FUNCTION	PHI
9	5	+100000+15

+356755-25	+359652-25	+362013-25	+357273-25
+313143-25	+851555-26	+317601-27	+157232-27
+106475-24	+106754-24	+106897-24	+105496-24
+924679-25	+251580-25	+953702-27	+472142-27
+337243-24	+337488-24	+337327-24	+332910-24
+291820-24	+795376-25	+318898-26	+157874-26
+871189-24	+871356-24	+870494-24	+859113-24
+753266-24	+206417-24	+964004-26	+477245-26
+183380-23	+183383-23	+183172-23	+180795-23
+158686-23	+444570-24	+326509-25	+161651-25
+233695-23	+233692-23	+233423-23	+230475-23
+203059-23	+613896-24	+989194-25	+489853-25
+259714-23	+259710-23	+259439-23	+256466-23
+228812-23	+858339-24	+322967-24	+160089-24

ELEMENT	FUNCTION	PHI
9	5	+300000+15

+106892-24	+107761-24	+108470-24	+107050-24
+938274-25	+255169-25	+953761-27	+472171-27
+318220-24	+319057-24	+319488-24	+315302-24
+276366-24	+752071-25	+286981-26	+142073-26
+999287-24	+100003-23	+999559-24	+986472-24
+864744-24	+235858-24	+965990-26	+478223-26
+252404-23	+252455-23	+252209-23	+248914-23
+218270-23	+599483-24	+296587-25	+146829-25
+502301-23	+502317-23	+501748-23	+495256-23
+434881-23	+122943-23	+103538-24	+512636-25
+613158-23	+613161-23	+612476-23	+604828-23
+533700-23	+166126-23	+320621-24	+158840-24
+694242-23	+694245-23	+693556-23	+685875-23
+614434-23	+244967-23	+105112-23	+522068-24

ELEMENT	FUNCTION	PHI
9	5	+100000+16

+354749-24	+357646-24	+360011-24	+355297-24
+311415-24	+847108-25	+319034-26	+157941-26
+104684-23	+104963-23	+105109-23	+103732-23
+909251-24	+247610-24	+966631-26	+478538-26
+319123-23	+319372-23	+319235-23	+315059-23
+276213-23	+755250-24	+332436-25	+164572-25
+747730-23	+747915-23	+747219-23	+737484-23
+646942-23	+179157-23	+106601-24	+527740-25
+126368-22	+126379-22	+126245-22	+124631-22
+109617-22	+320389-23	+394216-24	+195241-24
+143571-22	+143581-22	+143436-22	+141715-22
+125707-22	+429574-23	+124124-23	+615847-24
+173528-22	+173538-22	+173393-22	+171670-22
+155641-22	+726732-23	+401236-23	+200449-23

STRONTIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
9	6	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
9	6	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
9	6	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
9	6	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
9	6	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
9	6	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

STRONTIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI	
9	7	+100000+13	
+182470-10	+181621-10	+153694-10	+256353-11
+427193-19	+000000+00	+000000+00	+000000+00
+211609-10	+210186-10	+177575-10	+296186-11
+493571-19	+000000+00	+000000+00	+000000+00
+212164-10	+210730-10	+178030-10	+296944-11
+494835-19	+000000+00	+000000+00	+000000+00
+212164-10	+210730-10	+178030-10	+296944-11
+494835-19	+000000+00	+000000+00	+000000+00
+212164-10	+210730-10	+178030-10	+296944-11
+494835-19	+000000+00	+000000+00	+000000+00
+212164-10	+210730-10	+178030-10	+296944-11
+494835-19	+000000+00	+000000+00	+000000+00
+212164-10	+210730-10	+178030-10	+296944-11
+494835-19	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
9	7	+100000+14	
+182470-09	+181621-09	+153694-09	+256353-10
+427193-18	+000000+00	+000000+00	+000000+00
+211609-09	+210186-09	+177575-09	+296186-10
+493571-18	+000000+00	+000000+00	+000000+00
+212164-09	+210730-09	+178030-09	+296944-10
+494835-18	+000000+00	+000000+00	+000000+00
+212164-09	+210730-09	+178030-09	+296944-10
+494835-18	+000000+00	+000000+00	+000000+00
+212164-09	+210730-09	+178030-09	+296944-10
+494835-18	+000000+00	+000000+00	+000000+00
+212164-09	+210730-09	+178030-09	+296944-10
+494835-18	+000000+00	+000000+00	+000000+00
+212164-09	+210730-09	+178030-09	+296944-10
+494835-18	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
9	7	+300000+14	
+547409-09	+544862-09	+461081-09	+769059-10
+128158-17	+000000+00	+000000+00	+000000+00
+634827-09	+630558-09	+532725-09	+888557-10
+148071-17	+000000+00	+000000+00	+000000+00
+636492-09	+632190-09	+534089-09	+890832-10
+148450-17	+000000+00	+000000+00	+000000+00
+636492-09	+632190-09	+534089-09	+890832-10
+148450-17	+000000+00	+000000+00	+000000+00
+636492-09	+632190-09	+534089-09	+890832-10
+148450-17	+000000+00	+000000+00	+000000+00
+636492-09	+632190-09	+534089-09	+890832-10
+148450-17	+000000+00	+000000+00	+000000+00
+636492-09	+632190-09	+534089-09	+890832-10
+148450-17	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
9	7	+100000+15	
+182470-08	+181621-08	+153694-08	+256353-09
+427193-17	+000000+00	+000000+00	+000000+00
+211609-08	+210186-08	+177575-08	+296186-09
+493571-17	+000000+00	+000000+00	+000000+00
+212164-08	+210730-08	+178030-08	+296944-09
+494835-17	+000000+00	+000000+00	+000000+00
+212164-08	+210730-08	+178030-08	+296944-09
+494835-17	+000000+00	+000000+00	+000000+00
+212164-08	+210730-08	+178030-08	+296944-09
+494835-17	+000000+00	+000000+00	+000000+00
+212164-08	+210730-08	+178030-08	+296944-09
+494835-17	+000000+00	+000000+00	+000000+00
+212164-08	+210730-08	+178030-08	+296944-09
+494835-17	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
9	7	+300000+15	
+547409-08	+544862-08	+461081-08	+769059-09
+128158-16	+000000+00	+000000+00	+000000+00
+634827-08	+630558-08	+532725-08	+888557-09
+148071-16	+000000+00	+000000+00	+000000+00
+636492-08	+632190-08	+534089-08	+890832-09
+148450-16	+000000+00	+000000+00	+000000+00
+636492-08	+632190-08	+534089-08	+890832-09
+148450-16	+000000+00	+000000+00	+000000+00
+636492-08	+632190-08	+534089-08	+890832-09
+148450-16	+000000+00	+000000+00	+000000+00
+636492-08	+632190-08	+534089-08	+890832-09
+148450-16	+000000+00	+000000+00	+000000+00
+636492-08	+632190-08	+534089-08	+890832-09
+148450-16	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
9	7	+100000+16	
+182470-07	+181621-07	+153694-07	+256353-08
+427193-16	+000000+00	+000000+00	+000000+00
+211609-07	+210186-07	+177575-07	+296186-08
+493571-16	+000000+00	+000000+00	+000000+00
+212164-07	+210730-07	+178030-07	+296944-08
+494835-16	+000000+00	+000000+00	+000000+00
+212164-07	+210730-07	+178030-07	+296944-08
+494835-16	+000000+00	+000000+00	+000000+00
+212164-07	+210730-07	+178030-07	+296944-08
+494835-16	+000000+00	+000000+00	+000000+00
+212164-07	+210730-07	+178030-07	+296944-08
+494835-16	+000000+00	+000000+00	+000000+00
+212164-07	+210730-07	+178030-07	+296944-08
+494835-16	+000000+00	+000000+00	+000000+00

STRONTIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI	
9	8	+100000+13	
+117722-10	+117175-10	+991573-11	+165389-11
+275609-19	+000000+00	+000000+00	+000000+00
+136522-10	+135604-10	+114565-10	+191087-11
+318433-19	+000000+00	+000000+00	+000000+00
+136880-10	+135955-10	+114858-10	+191577-11
+319248-19	+000000+00	+000000+00	+000000+00
+136880-10	+135955-10	+114858-10	+191577-11
+319248-19	+000000+00	+000000+00	+000000+00
+136880-10	+135955-10	+114858-10	+191577-11
+319248-19	+000000+00	+000000+00	+000000+00
+136880-10	+135955-10	+114858-10	+191577-11
+319248-19	+000000+00	+000000+00	+000000+00
+136880-10	+135955-10	+114858-10	+191577-11
+319248-19	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
9	8	+100000+14	
+117722-09	+117175-09	+991573-10	+165389-10
+275609-18	+000000+00	+000000+00	+000000+00
+136522-09	+135604-09	+114565-09	+191087-10
+318433-18	+000000+00	+000000+00	+000000+00
+136880-09	+135955-09	+114858-09	+191577-10
+319248-18	+000000+00	+000000+00	+000000+00
+136880-09	+135955-09	+114858-09	+191577-10
+319248-18	+000000+00	+000000+00	+000000+00
+136880-09	+135955-09	+114858-09	+191577-10
+319248-18	+000000+00	+000000+00	+000000+00
+136880-09	+135955-09	+114858-09	+191577-10
+319248-18	+000000+00	+000000+00	+000000+00
+136880-09	+135955-09	+114858-09	+191577-10
+319248-18	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
9	8	+300000+14	
+353167-09	+351524-09	+297472-09	+496167-10
+826826-18	+000000+00	+000000+00	+000000+00
+409566-09	+406812-09	+343694-09	+573262-10
+955299-18	+000000+00	+000000+00	+000000+00
+410640-09	+407864-09	+344574-09	+574730-10
+957745-18	+000000+00	+000000+00	+000000+00
+410640-09	+407864-09	+344574-09	+574730-10
+957745-18	+000000+00	+000000+00	+000000+00
+410640-09	+407864-09	+344574-09	+574730-10
+957745-18	+000000+00	+000000+00	+000000+00
+410640-09	+407864-09	+344574-09	+574730-10
+957745-18	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
9	8	+100000+15	
+117722-08	+117175-08	+991573-09	+165389-09
+275609-17	+000000+00	+000000+00	+000000+00
+136522-08	+135604-08	+114565-08	+191087-09
+318433-17	+000000+00	+000000+00	+000000+00
+136880-08	+135955-08	+114858-08	+191577-09
+319248-17	+000000+00	+000000+00	+000000+00
+136880-08	+135955-08	+114858-08	+191577-09
+319248-17	+000000+00	+000000+00	+000000+00
+136880-08	+135955-08	+114858-08	+191577-09
+319248-17	+000000+00	+000000+00	+000000+00
+136880-08	+135955-08	+114858-08	+191577-09
+319248-17	+000000+00	+000000+00	+000000+00
+136880-08	+135955-08	+114858-08	+191577-09
+319248-17	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
9	8	+300000+15	
+353167-08	+351524-08	+297472-08	+496167-09
+826826-17	+000000+00	+000000+00	+000000+00
+409566-08	+406812-08	+343694-08	+573262-09
+955299-17	+000000+00	+000000+00	+000000+00
+410640-08	+407864-08	+344574-08	+574730-09
+957745-17	+000000+00	+000000+00	+000000+00
+410640-08	+407864-08	+344574-08	+574730-09
+957745-17	+000000+00	+000000+00	+000000+00
+410640-08	+407864-08	+344574-08	+574730-09
+957745-17	+000000+00	+000000+00	+000000+00
+410640-08	+407864-08	+344574-08	+574730-09
+957745-17	+000000+00	+000000+00	+000000+00
+410640-08	+407864-08	+344574-08	+574730-09
+957745-17	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
9	8	+100000+16	
+117722-07	+117175-07	+991573-08	+165389-08
+275609-16	+000000+00	+000000+00	+000000+00
+136522-07	+135604-07	+114565-07	+191087-08
+318433-16	+000000+00	+000000+00	+000000+00
+136880-07	+135955-07	+114858-07	+191577-08
+319248-16	+000000+00	+000000+00	+000000+00
+136880-07	+135955-07	+114858-07	+191577-08
+319248-16	+000000+00	+000000+00	+000000+00
+136880-07	+135955-07	+114858-07	+191577-08
+319248-16	+000000+00	+000000+00	+000000+00
+136880-07	+135955-07	+114858-07	+191577-08
+319248-16	+000000+00	+000000+00	+000000+00

STRONTIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
9	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
9	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
9	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
9	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
9	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
9	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

YTTRIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
10	1	+100000+13

+431798-05	+428683-05	+415302-05	+348438-05
+338328-05	+301696-05	+278482-05	+278439-05
+112408-04	+112083-04	+110638-04	+103493-04
+101323-04	+904316-05	+835435-05	+835307-05
+350920-04	+350591-04	+349106-04	+341573-04
+335749-04	+300563-04	+278466-04	+278424-04
+101696-03	+101662-03	+101504-03	+100653-03
+991318-04	+894837-04	+835309-04	+835182-04
+321008-03	+320971-03	+320789-03	+319706-03
+315963-03	+292342-03	+278366-03	+278323-03
+895861-03	+895822-03	+895621-03	+894348-03
+888804-03	+854438-03	+834866-03	+834741-03
+284516-02	+284512-02	+284492-02	+284363-02
+283790-02	+280246-02	+278235-02	+278195-02

ELEMENT	FUNCTION	PHI
10	1	+100000+14

+431798-04	+428683-04	+415302-04	+348437-04
+338325-04	+301684-04	+278466-04	+278424-04
+112407-03	+112082-03	+110638-03	+103492-03
+101321-03	+904205-04	+835292-04	+835165-04
+350913-03	+350583-03	+349099-03	+341564-03
+335721-03	+300442-03	+278312-03	+278269-03
+101678-02	+101644-02	+101486-02	+100633-02
+990992-03	+893816-03	+834039-03	+833912-03
+320599-02	+320562-02	+320380-02	+319287-02
+315465-02	+291435-02	+277312-02	+277269-02
+892046-02	+892007-02	+891805-02	+890512-02
+884796-02	+849555-02	+829669-02	+829543-02
+282479-01	+282475-01	+282455-01	+282323-01
+281731-01	+278095-01	+276050-01	+276009-01

ELEMENT	FUNCTION	PHI
10	1	+300000+14

+129539-03	+128605-03	+124590-03	+104531-03
+101496-03	+904972-04	+835294-04	+835166-04
+337221-03	+336246-03	+331911-03	+310474-03
+303949-03	+271188-03	+250492-03	+250454-03
+105269-02	+105170-02	+104724-02	+102463-02
+100698-02	+900519-03	+833906-03	+833778-03
+304919-02	+304816-02	+304340-02	+301773-02
+297081-02	+267467-02	+249368-02	+249330-02
+959094-02	+958983-02	+958430-02	+955095-02
+943105-02	+868313-02	+824976-02	+824848-02
+265114-01	+265102-01	+265040-01	+264640-01
+262813-01	+251669-01	+245499-01	+245460-01
+834170-01	+834158-01	+834095-01	+833686-01
+831787-01	+820269-01	+813917-01	+813793-01

ELEMENT	FUNCTION	PHI
10	1	+100000+15

+431797-03	+428682-03	+415301-03	+348434-03
+338303-03	+301563-03	+278309-03	+278267-03
+112405-02	+112080-02	+110635-02	+103488-02
+101300-02	+903098-03	+833865-03	+833737-03
+350839-02	+350509-02	+349022-02	+341468-02
+335445-02	+299236-02	+276772-02	+276729-02
+101505-01	+101470-01	+101311-01	+100444-01
+987763-02	+883728-02	+821492-02	+821363-02
+316621-01	+316583-01	+316393-01	+315217-01
+310628-01	+282652-01	+267114-01	+267070-01
+856015-01	+855974-01	+855754-01	+854286-01
+846979-01	+803600-01	+780796-01	+780664-01
+263621+00	+263617+00	+263594+00	+263442+00
+262677+00	+258180+00	+255826+00	+255783+00

ELEMENT	FUNCTION	PHI
10	1	+300000+15

+129539-02	+128604-02	+124590-02	+104528-02
+101476-02	+903881-03	+833883-03	+833756-03
+337202-02	+336227-02	+331891-02	+310437-02
+303757-02	+270194-02	+249212-02	+249173-02
+105203-01	+105104-01	+104656-01	+102377-01
+100452-01	+889763-02	+820177-02	+820047-02
+303386-01	+303282-01	+302793-01	+300100-01
+294242-01	+258621-01	+238368-01	+238328-01
+925345-01	+925226-01	+924603-01	+920577-01
+902210-01	+794625-01	+739527-01	+739389-01
+236334+00	+236321+00	+236245+00	+235710+00
+232652+00	+215219+00	+206792+00	+206749+00
+688947+00	+688933+00	+688854+00	+688292+00
+685073+00	+666999+00	+658296+00	+658156+00

ELEMENT	FUNCTION	PHI
10	1	+100000+16

+431790-02	+428674-02	+415291-02	+348404-02
+338082-02	+300355-02	+276747-02	+276705-02
+112385-01	+112059-01	+110613-01	+103447-01
+101088-01	+892169-02	+819775-02	+819645-02
+350119-01	+349788-01	+348282-01	+340541-01
+332790-01	+287662-01	+262000-01	+261955-01
+999152-01	+998795-01	+997068-01	+987124-01
+958646-01	+793787-01	+709737-01	+709594-01
+285683+00	+285639+00	+285388+00	+283617+00
+273545+00	+217371+00	+191720+00	+191668+00
+631322+00	+631270+00	+630951+00	+628505+00
+612320+00	+523598+00	+484531+00	+484366+00
+158893+01	+158888+01	+158854+01	+158595+01
+156900+01	+147780+01	+143769+01	+143716+01

YTTRIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
10	2	+100000+13

+415176-20	+302450-20	+185125-20	+204613-21
+111926-22	+328450-23	+671490-25	+331228-25
+439407-20	+326214-20	+205153-20	+258205-21
+331247-22	+972201-23	+201433-24	+993615-25
+448100-20	+334897-20	+213761-20	+340433-21
+105330-21	+309342-22	+671275-24	+331125-24
+467819-20	+354613-20	+233453-20	+534940-21
+277295-21	+816194-22	+201237-23	+992682-24
+506471-20	+393260-20	+272052-20	+916234-21
+614640-21	+182607-21	+669051-23	+330053-23
+529860-20	+416646-20	+295411-20	+114711-20
+820196-21	+252039-21	+199179-22	+982639-23
+536185-20	+422971-20	+301734-20	+121013-20
+881428-21	+303736-21	+646116-22	+318768-22

ELEMENT	FUNCTION	PHI
10	2	+100000+14

+415176-19	+302450-19	+185125-19	+204613-20
+111926-21	+328460-22	+671520-24	+331243-24
+439407-19	+326214-19	+205153-19	+258205-20
+331248-21	+972204-22	+201460-23	+993752-24
+448100-19	+334897-19	+213761-19	+340433-20
+105331-20	+309346-21	+671575-23	+331273-23
+467819-19	+354614-19	+233453-19	+534946-20
+277298-20	+816220-21	+201483-22	+993895-23
+506477-19	+393267-19	+272059-19	+916287-20
+614664-20	+182628-20	+671071-22	+331050-22
+529892-19	+416678-19	+295442-19	+114737-19
+820311-20	+252142-20	+200142-21	+987391-22
+536310-19	+423096-19	+301857-19	+121116-19
+881867-20	+304118-20	+649674-21	+320524-21

ELEMENT	FUNCTION	PHI
10	2	+300000+14

+124553-18	+907350-19	+555374-19	+613839-20
+335778-21	+985353-22	+201476-23	+993828-24
+131822-18	+978641-19	+615460-19	+774615-20
+993745-21	+291663-21	+604566-23	+298217-23
+134430-18	+100469-18	+641284-19	+102130-19
+315995-20	+928069-21	+201672-22	+994806-23
+140346-18	+106385-18	+700364-19	+160487-19
+831913-20	+244884-20	+606083-22	+298974-22
+151947-18	+117984-18	+816217-19	+274921-19
+184415-19	+548028-20	+202655-21	+999729-22
+158988-18	+125024-18	+886531-19	+344383-19
+246169-19	+757103-20	+606725-21	+299325-21
+160975-18	+127010-18	+906368-19	+364018-19
+264835-19	+914834-20	+197212-20	+972968-21

ELEMENT	FUNCTION	PHI
10	2	+100000+15

+415176-18	+302450-18	+185125-18	+204613-19
+111926-20	+328454-21	+671825-23	+331393-23
+439407-18	+326214-18	+205153-18	+258205-19
+331251-20	+972233-21	+201738-22	+995120-23
+448100-18	+334898-18	+213762-18	+340438-19
+105334-19	+309378-20	+674564-22	+332748-22
+467826-18	+354620-18	+233460-18	+535000-19
+277326-19	+816481-20	+203912-21	+100588-21
+506538-18	+393328-18	+272119-18	+916795-19
+614895-19	+182838-19	+690599-21	+340684-21
+530191-18	+416976-18	+295735-18	+114984-18
+821389-19	+253111-19	+209170-20	+103193-20
+537462-18	+424245-18	+302984-18	+122061-18
+885781-19	+307612-19	+682228-20	+336585-20

ELEMENT	FUNCTION	PHI
10	2	+300000+15

+124553-17	+907350-18	+555374-18	+613839-19
+335781-20	+985383-21	+201750-22	+995180-23
+131822-17	+978641-18	+615460-18	+774617-19
+993771-20	+291690-20	+607054-22	+299444-22
+134430-17	+100470-17	+641288-18	+102135-18
+316024-19	+928345-20	+204337-21	+100795-21
+140352-17	+106390-17	+700420-18	+160536-18
+832161-19	+245112-19	+627365-21	+309474-21
+151999-17	+118035-17	+816720-18	+275347-18
+184609-18	+549780-19	+218982-20	+108028-20
+159224-17	+125259-17	+888839-18	+346329-18
+247016-18	+764718-19	+677687-20	+334335-20
+161844-17	+127878-17	+914882-18	+371150-18
+267780-18	+941020-19	+221612-19	+109335-19

ELEMENT	FUNCTION	PHI
10	2	+100000+16

+415176-17	+302450-17	+185125-17	+204613-18
+111929-19	+328486-20	+674860-22	+332890-22
+439407-17	+326214-17	+205154-17	+258208-18
+331280-19	+972527-20	+204475-21	+100862-21
+448106-17	+334903-17	+213767-17	+340484-18
+105366-18	+309685-19	+703218-21	+346885-21
+467884-17	+354678-17	+233517-17	+535491-18
+277577-18	+818797-19	+225491-20	+111234-20
+506990-17	+393778-17	+272561-17	+920542-18
+616591-18	+184372-18	+833516-20	+411195-20
+531954-17	+418736-17	+297464-17	+116440-17
+827702-18	+258778-18	+261971-19	+129243-19
+543287-17	+430059-17	+308690-17	+126829-17
+905035-18	+324659-18	+841068-19	+414951-19

YTTRIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
10	3	+100000+13

+130851-22	+931449-23	+396627-23	+690769-24
+178431-31	+000000+00	+000000+00	+000000+00
+138747-22	+100890-22	+461645-23	+803852-24
+207800-31	+000000+00	+000000+00	+000000+00
+138913-22	+101052-22	+463007-23	+806224-24
+208422-31	+000000+00	+000000+00	+000000+00
+138913-22	+101052-22	+463007-23	+806224-24
+208422-31	+000000+00	+000000+00	+000000+00
+138913-22	+101052-22	+463007-23	+806224-24
+208422-31	+000000+00	+000000+00	+000000+00
+138913-22	+101052-22	+463007-23	+806224-24
+208422-31	+000000+00	+000000+00	+000000+00
+138913-22	+101052-22	+463007-23	+806224-24
+208422-31	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
10	3	+100000+14

+130851-21	+931449-22	+396627-22	+690770-23
+178431-30	+000000+00	+000000+00	+000000+00
+138747-21	+100890-21	+461645-22	+803852-23
+207800-30	+000000+00	+000000+00	+000000+00
+138913-21	+101052-21	+463007-22	+806224-23
+208422-30	+000000+00	+000000+00	+000000+00
+138913-21	+101052-21	+463007-22	+806224-23
+208422-30	+000000+00	+000000+00	+000000+00
+138913-21	+101052-21	+463007-22	+806224-23
+208422-30	+000000+00	+000000+00	+000000+00
+138913-21	+101052-21	+463007-22	+806224-23
+208422-30	+000000+00	+000000+00	+000000+00
+138913-21	+101052-21	+463007-22	+806224-23
+208422-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
10	3	+300000+14

+392552-21	+279435-21	+118988-21	+207231-22
+535294-30	+000000+00	+000000+00	+000000+00
+416242-21	+302669-21	+138493-21	+241156-22
+623401-30	+000000+00	+000000+00	+000000+00
+416738-21	+303156-21	+138902-21	+241867-22
+625267-30	+000000+00	+000000+00	+000000+00
+416738-21	+303156-21	+138902-21	+241867-22
+625267-30	+000000+00	+000000+00	+000000+00
+416738-21	+303156-21	+138902-21	+241867-22
+625267-30	+000000+00	+000000+00	+000000+00
+416738-21	+303156-21	+138902-21	+241867-22
+625267-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
10	3	+100000+15

+130851-20	+931449-21	+396627-21	+690769-22
+178431-29	+000000+00	+000000+00	+000000+00
+138747-20	+100890-20	+461645-21	+803852-22
+207800-29	+000000+00	+000000+00	+000000+00
+138913-20	+101052-20	+463007-21	+806224-22
+208422-29	+000000+00	+000000+00	+000000+00
+138913-20	+101052-20	+463007-21	+806224-22
+208422-29	+000000+00	+000000+00	+000000+00
+138913-20	+101052-20	+463007-21	+806224-22
+208422-29	+000000+00	+000000+00	+000000+00
+138913-20	+101052-20	+463007-21	+806224-22
+208422-29	+000000+00	+000000+00	+000000+00
+138913-20	+101052-20	+463007-21	+806224-22
+208422-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
10	3	+300000+15

+392552-20	+279435-20	+118988-20	+207231-21
+535294-29	+000000+00	+000000+00	+000000+00
+416242-20	+302669-20	+138493-20	+241156-21
+623401-29	+000000+00	+000000+00	+000000+00
+416738-20	+303156-20	+138902-20	+241867-21
+625267-29	+000000+00	+000000+00	+000000+00
+416738-20	+303156-20	+138902-20	+241867-21
+625267-29	+000000+00	+000000+00	+000000+00
+416738-20	+303156-20	+138902-20	+241867-21
+625267-29	+000000+00	+000000+00	+000000+00
+416738-20	+303156-20	+138902-20	+241867-21
+625267-29	+000000+00	+000000+00	+000000+00
+416738-20	+303156-20	+138902-20	+241867-21
+625267-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
10	3	+100000+16

+130851-19	+931449-20	+396627-20	+690770-21
+178431-28	+000000+00	+000000+00	+000000+00
+138747-19	+100890-19	+461645-20	+803852-21
+207800-28	+000000+00	+000000+00	+000000+00
+138913-19	+101052-19	+463007-20	+806224-21
+208422-28	+000000+00	+000000+00	+000000+00
+138913-19	+101052-19	+463007-20	+806224-21
+208422-28	+000000+00	+000000+00	+000000+00
+138913-19	+101052-19	+463007-20	+806224-21
+208422-28	+000000+00	+000000+00	+000000+00
+138913-19	+101052-19	+463007-20	+806224-21
+208422-28	+000000+00	+000000+00	+000000+00
+138913-19	+101052-19	+463007-20	+806224-21
+208422-28	+000000+00	+000000+00	+000000+00

YTTRIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
10	4	+100000+13	
+434501-22	+299779-22	+145153-22	+162427-23
+340572-25	+100610-25	+290537-27	+143322-27
+453247-22	+318145-22	+160470-22	+194264-23
+100800-24	+297839-25	+871550-27	+429937-27
+456121-22	+321011-22	+163277-22	+219609-23
+320582-24	+948109-25	+290445-26	+143278-26
+462124-22	+327013-22	+169272-22	+278825-23
+844338-24	+250491-24	+870713-26	+429534-26
+473920-22	+338808-22	+181051-22	+395195-23
+187465-23	+563467-24	+289489-25	+142814-25
+481203-22	+346090-22	+188325-22	+467112-23
+251696-23	+792515-24	+861835-25	+425188-25
+483748-22	+348635-22	+190870-22	+492492-23
+276521-23	+101139-23	+279573-24	+137931-24

ELEMENT	FUNCTION	PHI	
10	4	+100000+14	
+434501-21	+299779-21	+145153-21	+162427-22
+340573-24	+100610-24	+290550-26	+143329-26
+453247-21	+318145-21	+160470-21	+194264-22
+100800-23	+297840-24	+871670-26	+429997-26
+456121-21	+321011-21	+163277-21	+219609-22
+320584-23	+948123-24	+290575-25	+143342-25
+462124-21	+327014-21	+169272-21	+278827-22
+844350-23	+250503-23	+871777-25	+430059-25
+473922-21	+338810-21	+181054-21	+395218-22
+187476-22	+563561-23	+290363-24	+143245-24
+481217-21	+346104-21	+188339-21	+467226-22
+251745-22	+792962-23	+866003-24	+427244-24
+483802-21	+348689-21	+190923-21	+492938-22
+276706-22	+101304-22	+281113-23	+138691-23

ELEMENT	FUNCTION	PHI	
10	4	+300000+14	
+130350-20	+899337-21	+435460-21	+487282-22
+102172-23	+301831-24	+871739-26	+430030-26
+135974-20	+954435-21	+481409-21	+582791-22
+302400-23	+893530-24	+261581-25	+129038-25
+136836-20	+963034-21	+489831-21	+658830-22
+961760-23	+284446-23	+872589-25	+430453-25
+138637-20	+981043-21	+507818-21	+836498-22
+253313-22	+751584-23	+262240-24	+129366-24
+142178-20	+101645-20	+543180-21	+118580-21
+562496-22	+169127-22	+876860-24	+432583-24
+144374-20	+103840-20	+565105-21	+140242-21
+755562-22	+238181-22	+262527-23	+129518-23
+145176-20	+104642-20	+573115-21	+148171-21
+831324-22	+304985-22	+853334-23	+421003-23

ELEMENT	FUNCTION	PHI	
10	4	+100000+15	
+434501-20	+299779-20	+145153-20	+162427-21
+340574-23	+100612-23	+290682-25	+143394-25
+453247-20	+318145-20	+160470-20	+194264-21
+100801-22	+297853-23	+872870-25	+430588-25
+456121-20	+321012-20	+163277-20	+219612-21
+320598-22	+948262-23	+291868-24	+143980-24
+462127-20	+327017-20	+169275-20	+278851-21
+844472-22	+250615-22	+882287-24	+435244-24
+473949-20	+338837-20	+181080-20	+395438-21
+187576-21	+564458-22	+298813-23	+147414-23
+481346-20	+346233-20	+188466-20	+468295-21
+252212-21	+797155-22	+905067-23	+446517-23
+484300-20	+349186-20	+191411-20	+497028-21
+278404-21	+102816-21	+295199-22	+145640-22

ELEMENT	FUNCTION	PHI	
10	4	+300000+15	
+130350-19	+899337-20	+435460-20	+487282-21
+102173-22	+301844-23	+872924-25	+430615-25
+135974-19	+954435-20	+481409-20	+582792-21
+302412-22	+893646-23	+262658-24	+129570-24
+136837-19	+963036-20	+489833-20	+658848-21
+961889-22	+284570-22	+884119-24	+436141-24
+138640-19	+981068-20	+507842-20	+836707-21
+253420-21	+752572-22	+271449-23	+133910-23
+142201-19	+101667-19	+543398-20	+118765-20
+563333-21	+169885-21	+947510-23	+467439-23
+144476-19	+103942-19	+566104-20	+141084-20
+759229-21	+241476-21	+293231-22	+144667-22
+145552-19	+105017-19	+576799-20	+151257-20
+844065-21	+316315-21	+958912-22	+473092-22

ELEMENT	FUNCTION	PHI	
10	4	+100000+16	
+434501-19	+299779-19	+145153-19	+162427-20
+340587-22	+100626-22	+291995-24	+144042-24
+453247-19	+318145-19	+160470-19	+194265-20
+100814-21	+297980-22	+884713-24	+436432-24
+456123-19	+321014-19	+163279-19	+219631-20
+320736-21	+949592-22	+304267-23	+150097-23
+462152-19	+327042-19	+169299-19	+279064-20
+845558-21	+251617-21	+975657-23	+481310-23
+474144-19	+339032-19	+181272-19	+397060-20
+188310-20	+571094-21	+360653-22	+177924-22
+482109-19	+346994-19	+189214-19	+474596-20
+254943-20	+821674-21	+113354-21	+559236-22
+486821-19	+351702-19	+193880-19	+517656-20
+286736-20	+110192-20	+363929-21	+179550-21

YTTRIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
10	5	+100000+13

+285872-31	+291683-31	+344465-31	+867323-31
+565747-30	+302248-29	+390299-29	+390025-29
+259035-30	+260756-30	+276282-30	+430077-30
+184377-29	+910596-29	+117088-28	+117006-28
+277828-29	+278370-29	+283241-29	+331541-29
+778080-29	+307832-28	+390277-28	+390003-28
+226384-28	+226524-28	+227786-28	+240306-28
+356469-28	+955876-28	+117071-27	+116988-27
+186810-27	+186840-27	+187111-27	+189802-27
+214803-27	+343885-27	+390135-27	+389862-27
+910097-27	+910136-27	+910482-27	+913922-27
+945893-27	+111098-26	+117007-26	+116926-26
+363662-26	+363666-26	+363701-26	+364049-26
+367283-26	+383986-26	+389939-26	+389674-26

ELEMENT	FUNCTION	PHI
10	5	+100000+14

+285867-30	+291679-30	+344455-30	+867284-30
+565716-29	+302231-28	+390277-28	+390003-28
+259009-29	+260730-29	+276252-29	+430021-29
+184347-28	+910441-28	+117068-27	+116986-27
+277728-28	+278269-28	+283137-28	+331410-28
+777694-28	+307663-27	+390061-27	+389787-27
+226142-27	+226282-27	+227542-27	+240042-27
+356014-27	+954449-27	+116893-26	+116811-26
+186242-26	+186272-26	+186542-26	+189220-26
+214107-26	+342616-26	+388661-26	+388387-26
+904776-26	+904815-26	+905158-26	+908569-26
+940290-26	+110415-25	+116280-25	+116198-25
+360818-25	+360822-25	+360856-25	+361200-25
+364404-25	+380976-25	+386881-25	+386616-25

ELEMENT	FUNCTION	PHI
10	5	+300000+14

+857501-30	+874940-30	+103325-29	+260155-29
+169694-28	+906580-28	+117069-27	+116986-27
+776834-29	+781994-29	+828545-29	+128968-28
+552842-28	+273029-27	+351072-27	+350825-27
+832511-28	+834131-28	+848718-28	+993353-28
+233051-27	+921861-27	+116874-26	+116792-26
+676821-27	+677240-27	+681005-27	+718364-27
+106502-26	+285386-26	+349499-26	+349251-26
+554967-26	+555056-26	+555857-26	+563809-26
+637723-26	+101947-25	+115625-25	+115542-25
+267946-25	+267957-25	+268058-25	+269062-25
+278416-25	+326775-25	+344082-25	+343834-25
+106393-24	+106394-24	+106404-24	+106504-24
+107446-24	+112332-24	+114073-24	+113993-24

ELEMENT	FUNCTION	PHI
10	5	+100000+15

+285758-29	+291566-29	+344315-29	+866863-29
+565407-28	+302061-27	+390058-27	+389783-27
+258729-28	+260447-28	+275944-28	+429454-28
+184049-27	+908893-27	+116869-26	+116786-26
+276723-27	+277261-27	+282101-27	+330099-27
+773851-27	+305976-26	+387908-26	+387632-26
+223750-26	+223887-26	+225126-26	+237418-26
+351511-26	+940342-26	+115138-25	+115055-25
+180711-25	+180740-25	+180997-25	+183554-25
+207349-25	+330333-25	+374396-25	+374114-25
+854523-25	+854558-25	+854873-25	+858010-25
+887413-25	+103988-24	+109444-24	+109358-24
+334489-24	+334492-24	+334523-24	+334826-24
+337753-24	+353117-24	+358589-24	+358310-24

ELEMENT	FUNCTION	PHI
10	5	+300000+15

+856603-29	+874012-29	+103207-28	+259781-28
+169416-27	+905055-27	+116871-26	+116789-26
+774339-28	+779473-28	+825790-28	+128460-27
+550168-27	+271640-26	+349280-26	+349032-26
+823527-27	+825120-27	+839459-27	+981643-27
+229622-26	+906822-26	+114954-25	+114870-25
+655717-26	+656115-26	+659696-26	+695243-26
+102543-25	+273016-25	+334112-25	+333855-25
+508043-25	+508121-25	+508818-25	+515752-25
+580592-25	+916417-25	+103672-24	+103583-24
+227804-24	+227813-24	+227892-24	+228683-24
+236244-24	+275792-24	+289938-24	+289661-24
+861168-24	+861175-24	+861244-24	+861944-24
+869247-24	+908910-24	+923017-24	+922111-24

ELEMENT	FUNCTION	PHI
10	5	+100000+16

+284753-28	+290528-28	+342994-28	+862708-28
+562331-27	+300372-26	+387873-26	+387597-26
+255977-27	+257665-27	+272906-27	+423863-27
+181106-26	+893611-26	+114898-25	+114814-25
+266979-26	+267487-26	+272061-26	+317423-26
+736890-26	+289792-25	+367244-25	+366957-25
+201865-25	+201982-25	+203035-25	+213491-25
+310907-25	+814570-25	+995058-25	+994137-25
+137684-24	+137703-24	+137871-24	+139551-24
+155540-24	+239036-24	+268936-24	+268595-24
+541068-24	+541086-24	+541243-24	+542839-24
+559291-24	+648235-24	+680002-24	+678930-24
+188239-23	+188240-23	+186248-23	+188342-23
+189787-23	+198665-23	+201809-23	+201465-23

YTTRIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
10	6	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
10	6	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
10	6	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
10	6	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
10	6	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
10	6	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

YTTRIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI	
10	7	+100000+13	
+440993-10	+438649-10	+378720-10	+655180-11
+165548-18	+000000+00	+000000+00	+000000+00
+515859-10	+512070-10	+440331-10	+762022-11
+192737-18	+000000+00	+000000+00	+000000+00
+517418-10	+513599-10	+441615-10	+764251-11
+193311-18	+000000+00	+000000+00	+000000+00
+517418-10	+513599-10	+441615-10	+764251-11
+193311-18	+000000+00	+000000+00	+000000+00
+517418-10	+513599-10	+441615-10	+764251-11
+193311-18	+000000+00	+000000+00	+000000+00
+517418-10	+513599-10	+441615-10	+764251-11
+193311-18	+000000+00	+000000+00	+000000+00
+517418-10	+513599-10	+441615-10	+764251-11
+193311-18	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
10	7	+100000+14	
+440993-09	+438649-09	+378720-09	+655180-10
+165548-17	+000000+00	+000000+00	+000000+00
+515859-09	+512070-09	+440331-09	+762022-10
+192737-17	+000000+00	+000000+00	+000000+00
+517418-09	+513599-09	+441615-09	+764251-10
+193311-17	+000000+00	+000000+00	+000000+00
+517418-09	+513599-09	+441615-09	+764251-10
+193311-17	+000000+00	+000000+00	+000000+00
+517418-09	+513599-09	+441615-09	+764251-10
+193311-17	+000000+00	+000000+00	+000000+00
+517418-09	+513599-09	+441615-09	+764251-10
+193311-17	+000000+00	+000000+00	+000000+00
+517418-09	+513599-09	+441615-09	+764251-10
+193311-17	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
10	7	+300000+14	
+132298-08	+131595-08	+113616-08	+196554-09
+496643-17	+000000+00	+000000+00	+000000+00
+154758-08	+153621-08	+132099-08	+228606-09
+578211-17	+000000+00	+000000+00	+000000+00
+155225-08	+154080-08	+132484-08	+229275-09
+579932-17	+000000+00	+000000+00	+000000+00
+155225-08	+154080-08	+132484-08	+229275-09
+579932-17	+000000+00	+000000+00	+000000+00
+155225-08	+154080-08	+132484-08	+229275-09
+579932-17	+000000+00	+000000+00	+000000+00
+155225-08	+154080-08	+132484-08	+229275-09
+579932-17	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
10	7	+100000+15	
+440993-08	+438649-08	+378720-08	+655180-09
+165548-16	+000000+00	+000000+00	+000000+00
+515859-08	+512070-08	+440331-08	+762022-09
+192737-16	+000000+00	+000000+00	+000000+00
+517418-08	+513599-08	+441615-08	+764251-09
+193311-16	+000000+00	+000000+00	+000000+00
+517418-08	+513599-08	+441615-08	+764251-09
+193311-16	+000000+00	+000000+00	+000000+00
+517418-08	+513599-08	+441615-08	+764251-09
+193311-16	+000000+00	+000000+00	+000000+00
+517418-08	+513599-08	+441615-08	+764251-09
+193311-16	+000000+00	+000000+00	+000000+00
+517418-08	+513599-08	+441615-08	+764251-09
+193311-16	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
10	7	+300000+15	
+132298-07	+131595-07	+113616-07	+196554-08
+496643-16	+000000+00	+000000+00	+000000+00
+154758-07	+153621-07	+132099-07	+228606-08
+578211-16	+000000+00	+000000+00	+000000+00
+155225-07	+154080-07	+132484-07	+229275-08
+579932-16	+000000+00	+000000+00	+000000+00
+155225-07	+154080-07	+132484-07	+229275-08
+579932-16	+000000+00	+000000+00	+000000+00
+155225-07	+154080-07	+132484-07	+229275-08
+579932-16	+000000+00	+000000+00	+000000+00
+155225-07	+154080-07	+132484-07	+229275-08
+579932-16	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
10	7	+100000+16	
+440993-07	+438649-07	+378720-07	+655180-08
+165548-15	+000000+00	+000000+00	+000000+00
+515859-07	+512070-07	+440331-07	+762022-08
+192737-15	+000000+00	+000000+00	+000000+00
+517418-07	+513599-07	+441615-07	+764251-08
+193311-15	+000000+00	+000000+00	+000000+00
+517418-07	+513599-07	+441615-07	+764251-08
+193311-15	+000000+00	+000000+00	+000000+00
+517418-07	+513599-07	+441615-07	+764251-08
+193311-15	+000000+00	+000000+00	+000000+00
+517418-07	+513599-07	+441615-07	+764251-08
+193311-15	+000000+00	+000000+00	+000000+00

YTTRIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI	
10	8	+100000+13	
+377000-10	+210088-10	+386067-13	+384245-17
+102667-16	+106635-16	+993613-17	+490217-17
+377000-10	+210088-10	+386165-13	+164043-16
+311317-16	+319883-16	+298064-16	+147055-16
+377001-10	+210089-10	+386791-13	+820055-16
+105618-15	+106602-15	+993306-16	+490066-16
+377003-10	+210091-10	+388921-13	+295336-15
+320019-15	+319583-15	+297784-15	+146917-15
+377010-10	+210099-10	+396415-13	+104458-14
+106831-14	+106257-14	+990090-15	+488479-15
+377032-10	+210120-10	+417617-13	+316402-14
+318427-14	+316350-14	+294771-14	+145431-14
+377103-10	+210192-10	+489271-13	+103264-13
+103341-13	+102624-13	+956238-14	+471777-14

ELEMENT	FUNCTION	PHI	
10	8	+100000+14	
+377000-09	+210088-09	+386067-12	+384320-16
+102672-15	+106640-15	+993658-16	+490239-16
+377000-09	+210088-09	+386165-12	+164090-15
+311362-15	+319928-15	+298105-15	+147075-15
+377001-09	+210089-09	+386792-12	+820786-15
+105668-14	+106650-14	+993751-15	+490285-15
+377003-09	+210091-09	+388930-12	+296159-14
+320442-14	+319974-14	+298148-14	+147097-14
+377010-09	+210099-09	+396507-12	+105237-13
+107185-13	+106578-13	+993080-14	+489954-14
+377032-09	+210120-09	+418080-12	+320301-13
+320129-13	+317880-13	+296197-13	+146134-13
+377105-09	+210193-09	+491090-12	+104789-12
+103975-12	+103189-12	+961504-13	+474375-13

ELEMENT	FUNCTION	PHI	
10	8	+300000+14	
+113100-08	+630265-09	+115820-11	+115287-15
+308045-15	+319952-15	+298128-15	+147087-15
+113100-08	+630265-09	+115849-11	+492451-15
+934373-15	+960076-15	+894588-15	+441361-15
+113100-08	+630267-09	+116038-11	+246701-14
+317333-14	+320267-14	+298421-14	+147231-14
+113101-08	+630274-09	+116685-11	+893926-14
+964132-14	+962515-14	+896860-14	+442482-14
+113103-08	+630297-09	+119013-11	+320849-13
+323893-13	+321852-13	+299898-13	+147960-13
+113110-08	+630364-09	+125726-11	+986401-13
+971519-13	+963644-13	+897912-13	+443001-13
+113133-08	+630592-09	+148509-11	+324273-12
+316045-12	+313236-12	+291870-12	+143999-12

ELEMENT	FUNCTION	PHI	
10	8	+100000+15	
+377000-08	+210088-08	+386067-11	+384454-15
+102718-14	+106688-14	+994109-15	+490462-15
+377000-08	+210088-08	+386165-11	+164422-14
+311798-14	+320368-14	+298515-14	+147278-14
+377001-08	+210089-08	+386800-11	+827846-14
+106161-13	+107125-13	+998174-14	+492467-14
+377003-08	+210091-08	+389024-11	+304277-13
+324617-13	+323832-13	+301742-13	+148870-13
+377011-08	+210100-08	+397396-11	+112768-12
+110610-12	+109680-12	+102198-12	+504213-13
+377036-08	+210125-08	+422417-11	+356868-12
+336084-12	+332219-12	+309558-12	+152726-12
+377122-08	+210210-08	+507781-11	+118779-11
+109783-11	+108360-11	+100968-11	+498145-12

ELEMENT	FUNCTION	PHI	
10	8	+300000+15	
+113100-07	+630265-08	+115820-10	+115490-14
+308468-14	+320387-14	+298533-14	+147287-14
+113100-07	+630265-08	+115850-10	+495621-14
+938297-14	+964028-14	+898270-14	+443178-14
+113100-07	+630267-08	+116045-10	+253032-13
+321737-13	+324499-13	+302365-13	+149177-13
+113101-07	+630275-08	+116768-10	+965200-13
+100072-12	+996319-13	+928358-13	+458022-13
+113104-07	+630305-08	+119757-10	+383920-12
+352538-12	+347786-12	+324062-12	+159882-12
+113113-07	+630399-08	+129142-10	+127433-11
+109696-11	+107636-11	+100293-11	+494816-12
+113146-07	+630721-08	+161110-10	+429826-11
+359625-11	+351992-11	+327981-11	+161816-11

ELEMENT	FUNCTION	PHI	
10	8	+100000+16	
+377000-07	+210088-07	+386067-10	+386637-14
+103185-13	+107170-13	+998601-14	+492678-14
+377000-07	+210088-07	+386168-10	+167900-13
+316114-13	+324715-13	+302566-13	+149276-13
+377001-07	+210089-07	+386875-10	+896140-13
+110898-12	+111676-12	+104058-12	+513390-13
+377004-07	+210092-07	+389868-10	+376926-12
+361741-12	+358106-12	+333679-12	+164626-12
+377018-07	+210106-07	+403943-10	+168218-11
+135700-11	+132380-11	+123350-11	+608569-12
+377063-07	+210151-07	+447999-10	+572384-11
+429508-11	+416085-11	+387703-11	+191280-11
+377208-07	+210296-07	+592218-10	+189333-10
+138279-10	+133589-10	+124477-10	+614128-11

YTTRIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
10	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
10	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
10	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
10	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
10	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
10	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ZIRCONIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
11	1	+100000+13

+177104-04	+178050-04	+182009-04	+189186-04
+184807-04	+184127-04	+184697-04	+200728-04
+552966-04	+553868-04	+557424-04	+561323-04
+554423-04	+552360-04	+554097-04	+602189-04
+184755-03	+184844-03	+185191-03	+185526-03
+184808-03	+184082-03	+184708-03	+200736-03
+554351-03	+554440-03	+554786-03	+555117-03
+554334-03	+551960-03	+554199-03	+602246-03
+184568-02	+184577-02	+184611-02	+184639-02
+184501-02	+183712-02	+184820-02	+200796-02
+551532-02	+551541-02	+551574-02	+551593-02
+551376-02	+550171-02	+555200-02	+602761-02
+183847-01	+183848-01	+183851-01	+183855-01
+183847-01	+183872-01	+185909-01	+201338-01

ELEMENT	FUNCTION	PHI
11	1	+100000+14

+177104-03	+178050-03	+182009-03	+189186-03
+184807-03	+184127-03	+184697-03	+200729-03
+552966-03	+553868-03	+557424-03	+561323-03
+554423-03	+552350-03	+554098-03	+602197-03
+184755-02	+184844-02	+185191-02	+185526-02
+184808-02	+184082-02	+184709-02	+200743-02
+554351-02	+554440-02	+554786-02	+555117-02
+554334-02	+551961-02	+554208-02	+602313-02
+184569-01	+184578-01	+184612-01	+184639-01
+184502-01	+183714-01	+184829-01	+200852-01
+551545-01	+551554-01	+551587-01	+551606-01
+551389-01	+550188-01	+555251-01	+603041-01
+183867+00	+183868+00	+183871+00	+183875+00
+183867+00	+183894+00	+185943+00	+201456+00

ELEMENT	FUNCTION	PHI
11	1	+300000+14

+531312-03	+534150-03	+546026-03	+567559-03
+554420-03	+552380-03	+554091-03	+602193-03
+165890-02	+166160-02	+167227-02	+168397-02
+166327-02	+166706-02	+166230-02	+180664-02
+554266-02	+554533-02	+555573-02	+556577-02
+554423-02	+552247-02	+554136-02	+602284-02
+166305-01	+166332-01	+166436-01	+166535-01
+166300-01	+165589-01	+166269-01	+180739-01
+553711-01	+553738-01	+553840-01	+553922-01
+553511-01	+551160-01	+554641-01	+602929-01
+165472+00	+165475+00	+165485+00	+165490+00
+165425+00	+165067+00	+166608+00	+181096+00
+551729+00	+551732+00	+551743+00	+551753+00
+551730+00	+551820+00	+558047+00	+605139+00

ELEMENT	FUNCTION	PHI
11	1	+100000+15

+177104-02	+178050-02	+182009-02	+189186-02
+184807-02	+184127-02	+184698-02	+200737-02
+552966-02	+553867-02	+557424-02	+561323-02
+554423-02	+552361-02	+554109-02	+602273-02
+184755-01	+184844-01	+185191-01	+185525-01
+184808-01	+184083-01	+184720-01	+200826-01
+554351-01	+554440-01	+554786-01	+555117-01
+554336-01	+551972-01	+554303-01	+602988-01
+184575+00	+184584+00	+184618+00	+184646+00
+184509+00	+183728+00	+184910+00	+201400+00
+551666+00	+551675+00	+551708+00	+551728+00
+551515+00	+550347+00	+555721+00	+605667+00
+184048+01	+184049+01	+184053+01	+184056+01
+184050+01	+184089+01	+186250+01	+202541+01

ELEMENT	FUNCTION	PHI
11	1	+300000+15

+531312-02	+534150-02	+546026-02	+567558-02
+554420-02	+552381-02	+554101-02	+602269-02
+165890-01	+166160-01	+167227-01	+168397-01
+166327-01	+166706-01	+166240-01	+180733-01
+554264-01	+554532-01	+555571-01	+556575-01
+554423-01	+552266-01	+554236-01	+603022-01
+166306+00	+166332+00	+166436+00	+166536+00
+166302+00	+165598+00	+166361+00	+181330+00
+553763+00	+553789+00	+553891+00	+553975+00
+553572+00	+551271+00	+555225+00	+607512+00
+165567+01	+165569+01	+165579+01	+165586+01
+165525+01	+166193+01	+166978+01	+183160+01
+553077+01	+553079+01	+553090+01	+553103+01
+553094+01	+553272+01	+560341+01	+613260+01

ELEMENT	FUNCTION	PHI
11	1	+100000+16

+177104-01	+178050-01	+182009-01	+189186-01
+184807-01	+184128-01	+184709-01	+200821-01
+552964-01	+553866-01	+557422-01	+561321-01
+554422-01	+552360-01	+554212-01	+603030-01
+184754+00	+184843+00	+185189+00	+185524+00
+184807+00	+184093+00	+184829+00	+201619+00
+554353+00	+554443+00	+554789+00	+555122+00
+554361+00	+552064+00	+556140+00	+608978+00
+184619+01	+184627+01	+184662+01	+184691+01
+184562+01	+183832+01	+185507+01	+205410+01
+552349+01	+552358+01	+552392+01	+552417+01
+552234+01	+551256+01	+558452+01	+621007+01
+184856+02	+184857+02	+184861+02	+184866+02
+184870+02	+184966+02	+187676+02	+207759+02

ZIRCONIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
11	2	+100000+13

+670485-21	+663168-21	+600284-21	+225038-21
+111601-22	+356691-23	+386336-28	+000000+00
+976524-21	+966044-21	+876247-21	+340406-21
+330470-22	+106337-22	+114444-27	+000000+00
+109143-20	+108057-20	+987550-21	+432106-21
+105407-21	+336063-22	+365119-27	+000000+00
+128966-20	+127878-20	+118553-20	+627828-21
+279985-21	+892726-22	+969911-27	+000000+00
+169336-20	+168243-20	+158871-20	+102643-20
+635636-21	+202644-21	+220164-26	+000000+00
+195291-20	+194194-20	+184794-20	+128271-20
+864132-21	+275634-21	+299367-26	+000000+00
+197513-20	+196416-20	+187013-20	+130465-20
+883701-21	+281774-21	+306137-26	+000000+00

ELEMENT	FUNCTION	PHI
11	2	+100000+14

+670485-20	+663168-20	+600284-20	+225038-20
+111601-21	+356691-22	+386336-27	+000000+00
+976524-20	+966044-20	+876247-20	+340406-20
+330470-21	+106337-21	+114444-26	+000000+00
+109143-19	+108057-19	+987550-20	+432106-20
+105407-20	+336063-21	+365119-26	+000000+00
+128966-19	+127878-19	+118553-19	+627828-20
+279985-20	+892726-21	+969911-26	+000000+00
+169336-19	+168243-19	+158871-19	+102643-19
+635636-20	+202644-20	+220164-25	+000000+00
+195291-19	+194194-19	+184794-19	+128271-19
+864132-20	+275634-20	+299367-25	+000000+00
+197513-19	+196416-19	+187013-19	+130465-19
+883702-20	+281774-20	+306137-25	+000000+00

ELEMENT	FUNCTION	PHI
11	2	+300000+14

+201145-19	+198950-19	+180085-19	+675115-20
+334802-21	+106677-21	+115901-26	+000000+00
+292957-19	+289813-19	+262874-19	+102122-19
+991409-21	+316011-21	+343333-26	+000000+00
+327429-19	+324172-19	+296265-19	+129632-19
+316220-20	+100819-20	+109536-25	+000000+00
+386899-19	+383634-19	+355659-19	+188348-19
+839966-20	+267818-20	+290973-25	+000000+00
+508008-19	+504728-19	+476614-19	+307929-19
+190661-19	+607931-20	+660493-25	+000000+00
+585874-19	+582583-19	+554381-19	+384812-19
+259240-19	+826602-20	+898071-25	+000000+00
+592540-19	+589248-19	+561039-19	+391394-19
+266110-19	+845322-20	+918410-25	+000000+00

ELEMENT	FUNCTION	PHI
11	2	+100000+15

+670485-19	+663168-19	+600284-19	+225038-19
+111601-20	+356691-21	+386336-26	+000000+00
+976524-19	+966044-19	+876247-19	+340406-19
+330470-20	+106337-20	+114444-25	+000000+00
+109143-18	+108057-18	+987550-19	+432106-19
+105407-19	+336063-20	+365119-25	+000000+00
+128966-18	+127878-18	+118553-18	+627828-19
+279985-19	+892726-20	+969911-25	+000000+00
+169336-18	+168243-18	+158871-18	+102643-18
+635636-19	+202644-19	+220164-24	+000000+00
+195291-18	+194194-18	+184794-18	+128271-18
+864132-19	+275634-19	+299367-24	+000000+00
+197513-18	+196416-18	+187013-18	+130465-18
+883702-19	+281774-19	+306137-24	+000000+00

ELEMENT	FUNCTION	PHI
11	2	+300000+15

+201145-18	+198950-18	+180085-18	+675115-19
+334802-20	+106677-20	+115901-25	+000000+00
+292957-18	+289813-18	+262874-18	+102122-18
+991409-20	+316011-20	+343333-25	+000000+00
+327429-18	+324172-18	+296265-18	+129632-18
+316220-19	+100819-19	+109536-24	+000000+00
+386899-18	+383634-18	+355659-18	+188348-18
+839966-19	+267818-19	+290973-24	+000000+00
+508008-18	+504728-18	+476614-18	+307929-18
+190661-18	+607931-19	+660493-24	+000000+00
+585874-18	+582583-18	+554381-18	+384812-18
+259240-18	+826602-19	+898071-24	+000000+00
+592540-18	+589248-18	+561039-18	+391394-18
+266110-18	+845322-19	+918410-24	+000000+00

ELEMENT	FUNCTION	PHI
11	2	+100000+16

+670485-18	+663168-18	+600284-18	+225038-18
+111601-19	+356691-20	+386336-25	+000000+00
+976524-18	+966044-18	+876247-18	+340406-18
+330470-19	+106337-19	+114444-24	+000000+00
+109143-17	+108057-17	+987550-18	+432106-18
+105407-18	+336063-19	+365119-24	+000000+00
+128966-17	+127878-17	+118553-17	+627828-18
+279985-18	+892726-19	+969911-24	+000000+00
+169336-17	+168243-17	+158871-17	+102643-17
+635636-18	+202644-18	+220164-23	+000000+00
+195291-17	+194194-17	+184794-17	+128271-17
+864132-18	+275634-18	+299367-23	+000000+00
+197513-17	+196416-17	+187013-17	+130465-17
+883702-18	+281774-18	+306137-23	+000000+00

ZIRCONIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
11	3	+100000+13

+297941-23	+294687-23	+266732-23	+999159-24
+484889-26	+164497-26	+167866-30	+000000+00
+433742-23	+429082-23	+389162-23	+150956-23
+143683-24	+467666-26	+497236-30	+000000+00
+483996-23	+479169-23	+437816-23	+190904-23
+467971-24	+146012-24	+168636-29	+000000+00
+570124-23	+565285-23	+523834-23	+275941-23
+121648-23	+387870-24	+421406-29	+000000+00
+745522-23	+740661-23	+699009-23	+449126-23
+276127-23	+880443-24	+966667-29	+000000+00
+858292-23	+853416-23	+811636-23	+560473-23
+375447-23	+119714-23	+130064-28	+000000+00
+867946-23	+863069-23	+821277-23	+570005-23
+383949-23	+122426-23	+133010-28	+000000+00

ELEMENT	FUNCTION	PHI
11	3	+100000+14

+297941-22	+294687-22	+266732-22	+999159-23
+484889-24	+164497-24	+167866-29	+000000+00
+433742-22	+429082-22	+389162-22	+150956-22
+143683-23	+467666-24	+497236-29	+000000+00
+483996-22	+479169-22	+437816-22	+190904-22
+467971-23	+146012-23	+168636-28	+000000+00
+570124-22	+565285-22	+523834-22	+275941-22
+121648-22	+387870-23	+421406-28	+000000+00
+745522-22	+740661-22	+699009-22	+449126-22
+276127-22	+880443-23	+966667-28	+000000+00
+858292-22	+853416-22	+811636-22	+560473-22
+375447-22	+119714-22	+130064-27	+000000+00
+867946-22	+863069-22	+821277-22	+570005-22
+383949-22	+122426-22	+133010-27	+000000+00

ELEMENT	FUNCTION	PHI
11	3	+300000+14

+893823-22	+884062-22	+800196-22	+299748-22
+146467-23	+463490-24	+503664-29	+000000+00
+130123-21	+128725-21	+116749-21	+452868-22
+430749-23	+137300-23	+149171-28	+000000+00
+145199-21	+143751-21	+131345-21	+572713-22
+137391-22	+438036-23	+476909-28	+000000+00
+171037-21	+169586-21	+157150-21	+827824-22
+364943-22	+116361-22	+126422-27	+000000+00
+223657-21	+222198-21	+209703-21	+134738-21
+828380-22	+264133-22	+286970-27	+000000+00
+257488-21	+256025-21	+243491-21	+168142-21
+112634-21	+359161-22	+390193-27	+000000+00
+260384-21	+258921-21	+246383-21	+171001-21
+116186-21	+367274-22	+399029-27	+000000+00

ELEMENT	FUNCTION	PHI
11	3	+100000+15

+297941-21	+294687-21	+266732-21	+999159-22
+484889-23	+164497-23	+167866-28	+000000+00
+433742-21	+429082-21	+389162-21	+150956-21
+143683-22	+467666-23	+497236-28	+000000+00
+483996-21	+479169-21	+437816-21	+190904-21
+467971-22	+146012-22	+168636-27	+000000+00
+570124-21	+565285-21	+523834-21	+275941-21
+121648-21	+387870-22	+421406-27	+000000+00
+745522-21	+740661-21	+699009-21	+449126-21
+276127-21	+880443-22	+966667-27	+000000+00
+858292-21	+853416-21	+811636-21	+560473-21
+375447-21	+119714-21	+130064-26	+000000+00
+867946-21	+863069-21	+821277-21	+570005-21
+383949-21	+122426-21	+133010-26	+000000+00

ELEMENT	FUNCTION	PHI
11	3	+300000+15

+893823-21	+884062-21	+800196-21	+299748-21
+146467-22	+463490-23	+503664-28	+000000+00
+130123-20	+128725-20	+116749-20	+452868-21
+430749-22	+137300-22	+149171-27	+000000+00
+145199-20	+143751-20	+131345-20	+572713-21
+137391-21	+438036-22	+476909-27	+000000+00
+171037-20	+169586-20	+157150-20	+827824-21
+364943-21	+116361-21	+126422-26	+000000+00
+223657-20	+222198-20	+209703-20	+134738-20
+828380-21	+264133-21	+286970-26	+000000+00
+257488-20	+256025-20	+243491-20	+168142-20
+112634-20	+359161-21	+390193-26	+000000+00
+260384-20	+258921-20	+246383-20	+171001-20
+116186-20	+367274-21	+399029-26	+000000+00

ELEMENT	FUNCTION	PHI
11	3	+100000+16

+297941-20	+294687-20	+266732-20	+999159-21
+484889-22	+164497-22	+167866-27	+000000+00
+433742-20	+429082-20	+389162-20	+150956-20
+143683-21	+467666-22	+497236-27	+000000+00
+483996-20	+479169-20	+437816-20	+190904-20
+467971-21	+146012-21	+168636-26	+000000+00
+570124-20	+565285-20	+523834-20	+275941-20
+121648-20	+387870-21	+421406-26	+000000+00
+745522-20	+740661-20	+699009-20	+449126-20
+276127-20	+880443-21	+966667-26	+000000+00
+858292-20	+853416-20	+811636-20	+560473-20
+375447-20	+119714-20	+130064-25	+000000+00
+867946-20	+863069-20	+821277-20	+570005-20
+383949-20	+122426-20	+133010-25	+000000+00

ZIRCONIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
11	4	+100000+13

+548477-23	+542424-23	+490607-23	+181483-23
+569147-26	+181265-26	+196937-30	+000000+00
+792819-23	+784162-23	+710179-23	+268829-23
+168496-24	+536961-26	+583387-30	+000000+00
+861682-23	+852716-23	+776105-23	+318897-23
+537355-24	+171310-24	+186122-29	+000000+00
+962736-23	+953757-23	+877029-23	+418669-23
+142728-23	+455073-24	+494418-29	+000000+00
+116852-22	+115952-22	+108256-22	+621859-23
+323972-23	+103299-23	+112230-28	+000000+00
+130083-22	+129181-22	+121470-22	+752498-23
+440501-23	+140455-23	+152599-28	+000000+00
+131216-22	+130314-22	+122601-22	+763682-23
+460476-23	+143636-23	+156055-28	+000000+00

ELEMENT	FUNCTION	PHI
11	4	+100000+14

+548477-22	+542424-22	+490607-22	+181483-22
+569147-24	+181265-24	+196937-29	+000000+00
+792819-22	+784162-22	+710179-22	+268829-22
+168496-23	+536961-24	+583387-29	+000000+00
+861682-22	+852716-22	+776105-22	+318897-22
+537355-23	+171310-23	+186122-28	+000000+00
+962736-22	+953757-22	+877029-22	+418669-22
+142728-22	+455073-23	+494418-28	+000000+00
+116852-21	+115952-21	+108256-21	+621859-22
+323972-22	+103299-22	+112230-27	+000000+00
+130083-21	+129181-21	+121470-21	+752498-22
+440501-22	+140455-22	+152599-27	+000000+00
+131216-21	+130314-21	+122601-21	+763682-22
+460476-22	+143636-22	+156055-27	+000000+00

ELEMENT	FUNCTION	PHI
11	4	+300000+14

+164543-21	+162727-21	+147182-21	+544450-22
+170744-23	+543795-24	+590812-29	+000000+00
+237846-21	+235249-21	+213054-21	+806486-22
+505487-23	+161088-23	+175016-28	+000000+00
+258505-21	+255815-21	+232832-21	+956691-22
+161207-22	+513930-23	+558365-28	+000000+00
+288821-21	+286127-21	+263109-21	+125601-21
+428184-22	+136522-22	+148326-27	+000000+00
+350557-21	+347856-21	+324767-21	+186558-21
+971916-22	+309897-22	+336691-27	+000000+00
+390250-21	+387543-21	+364409-21	+225749-21
+132150-21	+421366-22	+457798-27	+000000+00
+393647-21	+390941-21	+367803-21	+229104-21
+136143-21	+430908-22	+468165-27	+000000+00

ELEMENT	FUNCTION	PHI
11	4	+100000+15

+548477-21	+542424-21	+490607-21	+181483-21
+569147-23	+181265-23	+196937-28	+000000+00
+792819-21	+784162-21	+710179-21	+268829-21
+168496-22	+536961-23	+583387-28	+000000+00
+861682-21	+852716-21	+776105-21	+318897-21
+537355-22	+171310-22	+186122-27	+000000+00
+962736-21	+953757-21	+877029-21	+418669-21
+142728-21	+455073-22	+494418-27	+000000+00
+116852-20	+115952-20	+108256-20	+621859-21
+323972-21	+103299-21	+112230-26	+000000+00
+130083-20	+129181-20	+121470-20	+752498-21
+440501-21	+140455-21	+152599-26	+000000+00
+131216-20	+130314-20	+122601-20	+763682-21
+460476-21	+143636-21	+156055-26	+000000+00

ELEMENT	FUNCTION	PHI
11	4	+300000+15

+164543-20	+162727-20	+147182-20	+544450-21
+170744-22	+543795-23	+590812-28	+000000+00
+237846-20	+235249-20	+213054-20	+806486-21
+505487-22	+161088-22	+175016-27	+000000+00
+258505-20	+255815-20	+232832-20	+956691-21
+161207-21	+513930-22	+558365-27	+000000+00
+288821-20	+286127-20	+263109-20	+125601-20
+428184-21	+136522-21	+148326-26	+000000+00
+350557-20	+347856-20	+324767-20	+186558-20
+971916-21	+309897-21	+336691-26	+000000+00
+390250-20	+387543-20	+364409-20	+225749-20
+132150-20	+421366-21	+457798-26	+000000+00
+393647-20	+390941-20	+367803-20	+229104-20
+136143-20	+430908-21	+468165-26	+000000+00

ELEMENT	FUNCTION	PHI
11	4	+100000+16

+548477-20	+542424-20	+490607-20	+181483-20
+569147-22	+181265-22	+196937-27	+000000+00
+792819-20	+784162-20	+710179-20	+268829-20
+168496-21	+536961-22	+583387-27	+000000+00
+861682-20	+852716-20	+776105-20	+318897-20
+537355-21	+171310-21	+186122-26	+000000+00
+962736-20	+953757-20	+877029-20	+418669-20
+142728-20	+455073-21	+494418-26	+000000+00
+116852-19	+115952-19	+108256-19	+621859-20
+323972-20	+103299-20	+112230-25	+000000+00
+130083-19	+129181-19	+121470-19	+752498-20
+440501-20	+140455-20	+152599-25	+000000+00
+131216-19	+130314-19	+122601-19	+763682-20
+460476-20	+143636-20	+156055-25	+000000+00

ZIRCONIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
11	5	+100000+13

+926093-29	+939865-29	+105208-28	+153243-28
+168968-28	+200807-28	+213969-28	+215662-28
+408176-28	+409782-28	+422889-28	+479790-28
+608736-28	+602962-28	+641876-28	+646686-28
+157281-27	+157446-27	+158802-27	+164917-27
+171630-27	+201677-27	+213969-27	+215662-27
+505964-27	+506141-27	+507594-27	+514680-27
+630467-27	+609233-27	+641884-27	+646689-27
+184855-26	+184876-26	+185039-26	+185937-26
+189284-26	+206682-26	+213968-26	+215666-26
+603607-26	+603628-26	+603704-26	+604711-26
+609080-26	+631996-26	+641960-26	+646716-26
+209972-25	+209974-25	+209992-25	+210093-25
+210639-25	+212883-25	+214049-25	+215592-25

ELEMENT	FUNCTION	PHI
11	5	+100000+14

+926092-28	+939864-28	+105207-27	+153242-27
+168968-27	+200807-27	+213969-27	+215662-27
+408174-27	+409781-27	+422887-27	+479789-27
+608736-27	+602960-27	+641876-27	+646686-27
+157278-26	+157444-26	+158800-26	+164914-26
+171627-26	+201674-26	+213967-26	+215661-26
+505942-26	+506119-26	+507572-26	+514658-26
+530444-26	+609211-26	+641863-26	+646674-26
+184829-25	+184848-25	+185013-25	+185911-25
+189268-25	+206666-25	+213943-25	+215645-25
+603263-25	+603284-25	+603360-25	+604367-25
+608837-25	+631782-25	+641720-25	+646499-25
+209694-24	+209696-24	+209714-24	+209815-24
+210261-24	+212606-24	+213772-24	+215324-24

ELEMENT	FUNCTION	PHI
11	5	+300000+14

+277827-27	+281958-27	+315622-27	+459727-27
+506904-27	+602421-27	+641876-27	+646686-27
+122451-26	+122933-26	+126865-26	+143935-26
+162619-26	+180884-26	+192661-26	+194006-26
+471820-26	+472317-26	+476383-26	+494727-26
+514867-26	+604706-26	+641867-26	+646672-26
+151768-25	+151821-25	+152257-25	+154382-25
+169110-25	+182768-25	+192646-25	+193992-25
+554312-25	+554371-25	+554864-25	+557550-25
+567601-25	+619796-25	+641659-25	+646498-25
+180817-24	+180823-24	+180876-24	+181178-24
+182489-24	+189364-24	+192366-24	+193805-24
+627236-24	+627243-24	+627295-24	+627600-24
+628937-24	+636972-24	+639480-24	+644189-24

ELEMENT	FUNCTION	PHI
11	5	+100000+15

+926081-27	+939853-27	+105206-26	+153241-26
+168967-26	+200806-26	+213968-26	+215662-26
+408158-26	+409765-26	+422871-26	+479772-26
+608719-26	+602934-26	+641860-26	+646676-26
+157255-25	+157421-25	+158777-25	+164891-25
+171604-25	+201662-25	+213935-25	+215646-25
+505718-25	+505895-25	+507348-25	+514433-25
+630220-25	+608988-25	+641648-25	+646617-25
+184568-24	+184588-24	+184752-24	+185650-24
+188998-24	+206396-24	+213690-24	+215339-24
+600833-24	+600854-24	+601030-24	+602037-24
+606407-24	+629322-24	+639324-24	+646319-24
+206948-23	+206950-23	+206968-23	+207070-23
+207616-23	+209861-23	+211039-23	+212668-23

ELEMENT	FUNCTION	PHI
11	5	+300000+15

+277817-26	+281949-26	+315612-26	+459717-26
+506896-26	+602412-26	+641866-26	+646683-26
+122437-25	+122919-25	+126851-25	+143921-25
+162606-25	+180869-25	+192648-25	+193997-25
+471613-25	+472110-25	+476176-25	+494520-25
+514660-25	+604602-25	+641661-25	+646639-25
+151566-24	+151619-24	+152055-24	+154181-24
+168917-24	+182648-24	+192361-24	+193849-24
+551971-24	+552030-24	+552524-24	+555217-24
+566261-24	+617461-24	+639382-24	+644611-24
+178646-23	+178653-23	+178705-23	+179007-23
+180319-23	+187196-23	+190213-23	+191831-23
+603161-23	+603168-23	+603221-23	+603526-23
+604864-23	+611907-23	+616500-23	+620792-23

ELEMENT	FUNCTION	PHI
11	5	+100000+16

+925976-26	+939748-26	+105196-25	+153231-25
+168967-26	+200796-26	+213948-26	+215660-25
+407996-25	+409602-25	+422709-25	+479610-25
+608657-26	+602773-26	+641708-26	+646590-25
+157026-24	+157191-24	+158547-24	+164662-24
+171376-24	+201323-24	+213717-24	+215396-24
+503485-24	+503662-24	+505115-24	+512201-24
+627989-24	+606764-24	+639499-24	+644883-24
+181991-23	+182011-23	+182175-23	+183073-23
+186422-23	+203826-23	+211168-23	+213168-23
+577370-23	+577391-23	+577567-23	+578574-23
+602947-23	+606886-23	+616066-23	+622522-23
+182505-22	+182507-22	+182525-22	+182627-22
+183073-22	+185426-22	+186658-22	+188666-22

ZIRCONIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
11	6	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
11	6	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
11	6	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
11	6	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
11	6	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
11	6	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ZIRCONIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
11	7	+100000+13

+248033-10	+245325-10	+222058-10	+832179-11
+408796-12	+130263-12	+141616-17	+000000+00
+361175-10	+357298-10	+324073-10	+125813-10
+121061-11	+386849-12	+419210-17	+000000+00
+403387-10	+399369-10	+364951-10	+159442-10
+386106-11	+123100-11	+133743-16	+000000+00
+475999-10	+471972-10	+437471-10	+231135-10
+102669-10	+327006-11	+366278-16	+000000+00
+623874-10	+619828-10	+585158-10	+377143-10
+232797-10	+742284-11	+806462-16	+000000+00
+718948-10	+714890-10	+680111-10	+471018-10
+316632-10	+100928-10	+109664-15	+000000+00
+727087-10	+723028-10	+688240-10	+479054-10
+323700-10	+103214-10	+112138-16	+000000+00

ELEMENT	FUNCTION	PHI
11	7	+100000+14

+248033-09	+245325-09	+222058-09	+832179-10
+408796-11	+130263-11	+141616-16	+000000+00
+361175-09	+357298-09	+324073-09	+125813-09
+121061-10	+386849-11	+419210-16	+000000+00
+403387-09	+399369-09	+364951-09	+159442-09
+386106-10	+123100-10	+133743-16	+000000+00
+475999-09	+471972-09	+437471-09	+231135-09
+102669-09	+327006-10	+366278-16	+000000+00
+623874-09	+619828-09	+585158-09	+377143-09
+232797-09	+742284-10	+806462-16	+000000+00
+718948-09	+714890-09	+680111-09	+471018-09
+316632-09	+100928-09	+109664-14	+000000+00
+727087-09	+723028-09	+688240-09	+479054-09
+323700-09	+103214-09	+112138-14	+000000+00

ELEMENT	FUNCTION	PHI
11	7	+300000+14

+744099-09	+735976-09	+666175-09	+249654-09
+122639-10	+390769-11	+426646-16	+000000+00
+108353-08	+107182-08	+972218-09	+377440-09
+363164-10	+116766-10	+126763-16	+000000+00
+121016-08	+119811-08	+109485-08	+478327-09
+116832-09	+369299-10	+401229-16	+000000+00
+142800-08	+141592-08	+131241-08	+693405-09
+307676-09	+981016-10	+106584-14	+000000+00
+187162-08	+185948-08	+175647-08	+113143-08
+698390-09	+222686-09	+241939-14	+000000+00
+215684-08	+214467-08	+204033-08	+141305-08
+949696-09	+302784-09	+328963-14	+000000+00
+218126-08	+216908-08	+206472-08	+143716-08
+971100-09	+309642-09	+336413-14	+000000+00

ELEMENT	FUNCTION	PHI
11	7	+100000+15

+248033-08	+245325-08	+222058-08	+832179-09
+408796-10	+130263-10	+141616-15	+000000+00
+361175-08	+357298-08	+324073-08	+125813-08
+121061-09	+386849-10	+419210-15	+000000+00
+403387-08	+399369-08	+364951-08	+159442-08
+386106-09	+123100-09	+133743-14	+000000+00
+475999-08	+471972-08	+437471-08	+231135-08
+102669-08	+327006-09	+366278-14	+000000+00
+623874-08	+619828-08	+585158-08	+377143-08
+232797-08	+742284-09	+806462-14	+000000+00
+718948-08	+714890-08	+680111-08	+471018-08
+316632-08	+100928-08	+109665-13	+000000+00
+727087-08	+723028-08	+688240-08	+479054-08
+323700-08	+103214-08	+112138-13	+000000+00

ELEMENT	FUNCTION	PHI
11	7	+300000+15

+744099-08	+735976-08	+666175-08	+249654-08
+122639-09	+390769-10	+426646-15	+000000+00
+108353-07	+107182-07	+972218-08	+377440-08
+363164-09	+116766-09	+126763-14	+000000+00
+121016-07	+119811-07	+109485-07	+478327-08
+116832-08	+369299-09	+401229-14	+000000+00
+142800-07	+141592-07	+131241-07	+693405-08
+307676-08	+981016-09	+106584-13	+000000+00
+187162-07	+185948-07	+175647-07	+113143-07
+698390-08	+222686-08	+241939-13	+000000+00
+215684-07	+214467-07	+204033-07	+141305-07
+949696-08	+302784-08	+328963-13	+000000+00
+218126-07	+216908-07	+206472-07	+143716-07
+971100-08	+309642-08	+336413-13	+000000+00

ELEMENT	FUNCTION	PHI
11	7	+100000+16

+248033-07	+245325-07	+222058-07	+832179-08
+408796-09	+130263-09	+141616-14	+000000+00
+361175-07	+357298-07	+324073-07	+125813-07
+121061-08	+386849-09	+419210-14	+000000+00
+403387-07	+399369-07	+364951-07	+159442-07
+386106-08	+123100-08	+133743-13	+000000+00
+475999-07	+471972-07	+437471-07	+231135-07
+102669-07	+327006-08	+366278-13	+000000+00
+623874-07	+619828-07	+585158-07	+377143-07
+232797-07	+742284-08	+806462-13	+000000+00
+718948-07	+714890-07	+680111-07	+471018-07
+316632-07	+100928-07	+109665-12	+000000+00
+727087-07	+723028-07	+688240-07	+479054-07
+323700-07	+103214-07	+112138-12	+000000+00

ZIRCONIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
11	8	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
11	8	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
11	8	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
11	8	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
11	8	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
11	8	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ZIRCONIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
11	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
11	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
11	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
11	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
11	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
11	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

NIOBIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
12	1	+100000+13

+171755-06	+172910-06	+172446-06	+122101-06
+410744-06	+827991-06	+140296-10	+000000+00
+423518-06	+424753-06	+425386-06	+412026-06
+132484-05	+246652-05	+415598-10	+000000+00
+232136-05	+232511-05	+234839-05	+256035-05
+537546-05	+801538-05	+132591-09	+000000+00
+152409-04	+152490-04	+153116-04	+159086-04
+217985-04	+222497-04	+352219-09	+000000+00
+806359-04	+806440-04	+807064-04	+812921-04
+863299-04	+551973-04	+799523-09	+000000+00
+154637-03	+154638-03	+154635-03	+154563-03
+153236-03	+796167-04	+108712-08	+000000+00
+162497-03	+162496-03	+162484-03	+162325-03
+160175-03	+818615-04	+111174-08	+000000+00

ELEMENT	FUNCTION	PHI
12	1	+100000+14

+171756-05	+172911-05	+172447-05	+122102-05
+410745-05	+827992-05	+140296-09	+000000+00
+423520-05	+424755-05	+425388-05	+412028-05
+132484-04	+246652-04	+415598-09	+000000+00
+232136-04	+232511-04	+234839-04	+256035-04
+537547-04	+801538-04	+132591-08	+000000+00
+152409-03	+152490-03	+153116-03	+159086-03
+217985-03	+222497-03	+352219-08	+000000+00
+806359-03	+806441-03	+807064-03	+812922-03
+863300-03	+551973-03	+799523-08	+000000+00
+154637-02	+154638-02	+154635-02	+154563-02
+153236-02	+796167-03	+108712-07	+000000+00
+162497-02	+162496-02	+162484-02	+162325-02
+160175-02	+818615-03	+111174-07	+000000+00

ELEMENT	FUNCTION	PHI
12	1	+300000+14

+515267-05	+518730-05	+517339-05	+366304-05
+123223-04	+248397-04	+420887-09	+000000+00
+127056-04	+127426-04	+127616-04	+123608-04
+397452-04	+739967-04	+124680-08	+000000+00
+696409-04	+697534-04	+704518-04	+768105-04
+161264-03	+240462-03	+397773-08	+000000+00
+457226-03	+457470-03	+459349-03	+477259-03
+653956-03	+667490-03	+105666-07	+000000+00
+241908-02	+241932-02	+242119-02	+243877-02
+258990-02	+165692-02	+239867-07	+000000+00
+463912-02	+463914-02	+463904-02	+463688-02
+459707-02	+238860-02	+326135-07	+000000+00
+487490-02	+487489-02	+487452-02	+486975-02
+480526-02	+245586-02	+333521-07	+000000+00

ELEMENT	FUNCTION	PHI
12	1	+100000+15

+171756-04	+172910-04	+172447-04	+122102-04
+410745-04	+827991-04	+140296-08	+000000+00
+423520-04	+424754-04	+425387-04	+412028-04
+132484-03	+246652-03	+415598-08	+000000+00
+232136-03	+232511-03	+234839-03	+256035-03
+537546-03	+801538-03	+132591-07	+000000+00
+152409-02	+152490-02	+153116-02	+159086-02
+217985-02	+222497-02	+352219-07	+000000+00
+806359-02	+806440-02	+807064-02	+812922-02
+863300-02	+551973-02	+799524-07	+000000+00
+154637-01	+154638-01	+154635-01	+154563-01
+153236-01	+796167-02	+108712-06	+000000+00
+162497-01	+162497-01	+162484-01	+162325-01
+160175-01	+818616-02	+111174-06	+000000+00

ELEMENT	FUNCTION	PHI
12	1	+300000+15

+515266-04	+518730-04	+517339-04	+366305-04
+123223-03	+248397-03	+420887-08	+000000+00
+127056-03	+127426-03	+127616-03	+123608-03
+397452-03	+739967-03	+124680-07	+000000+00
+696408-03	+697533-03	+704517-03	+768105-03
+161264-02	+240462-02	+397773-07	+000000+00
+457226-02	+457470-02	+459349-02	+477259-02
+653955-02	+667490-02	+105666-06	+000000+00
+241908-01	+241932-01	+242119-01	+243877-01
+258990-01	+165692-01	+239867-06	+000000+00
+463912-01	+463914-01	+463904-01	+463688-01
+459707-01	+238860-01	+326135-06	+000000+00
+487490-01	+487489-01	+487452-01	+486975-01
+480526-01	+245586-01	+333521-06	+000000+00

ELEMENT	FUNCTION	PHI
12	1	+100000+16

+171756-03	+172910-03	+172447-03	+122102-03
+410744-03	+827991-03	+140296-07	+000000+00
+423519-03	+424754-03	+425387-03	+412027-03
+132484-02	+246652-02	+415598-07	+000000+00
+232136-02	+232511-02	+234839-02	+256035-02
+537546-02	+801538-02	+132591-06	+000000+00
+152409-01	+152490-01	+153116-01	+159086-01
+217985-01	+222497-01	+352219-06	+000000+00
+806359-01	+806440-01	+807064-01	+812922-01
+863300-01	+551973-01	+799523-06	+000000+00
+154637+00	+154638+00	+154635+00	+154563+00
+153236+00	+796167-01	+108712-05	+000000+00
+162497+00	+162496+00	+162484+00	+162325+00
+160175+00	+818615-01	+111174-05	+000000+00

NIOBIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
12	2	+100000+13

+129159-20	+128823-20	+120623-20	+442129-21
+266212-23	+616836-23	+871986-28	+000000+00
+187714-20	+186722-20	+172940-20	+632655-21
+860587-23	+163658-22	+268308-27	+000000+00
+195744-20	+194678-20	+180260-20	+668505-21
+342366-22	+499278-22	+824097-27	+000000+00
+203924-20	+202861-20	+188467-20	+752933-21
+137631-21	+138666-21	+218916-26	+000000+00
+244782-20	+243718-20	+229323-20	+116139-20
+640304-21	+343660-21	+496930-26	+000000+00
+290829-20	+289761-20	+275325-20	+161731-20
+966666-21	+496379-21	+675678-26	+000000+00
+295714-20	+294646-20	+280204-20	+166556-20
+999704-21	+609332-21	+690980-26	+000000+00

ELEMENT	FUNCTION	PHI
12	2	+100000+14

+129159-19	+128823-19	+120623-19	+442129-20
+266213-22	+616836-22	+871986-27	+000000+00
+187714-19	+186722-19	+172940-19	+632655-20
+860588-22	+163658-21	+268308-26	+000000+00
+195744-19	+194678-19	+180260-19	+668505-20
+342366-21	+499278-21	+824097-26	+000000+00
+203924-19	+202861-19	+188467-19	+752933-20
+137631-20	+138666-20	+218916-26	+000000+00
+244782-19	+243718-19	+229323-19	+116139-19
+640304-20	+343660-20	+496930-26	+000000+00
+290829-19	+289761-19	+275325-19	+161731-19
+966666-20	+496379-20	+675678-26	+000000+00
+295714-19	+294646-19	+280204-19	+166556-19
+999704-20	+609332-20	+690981-26	+000000+00

ELEMENT	FUNCTION	PHI
12	2	+300000+14

+387476-19	+386470-19	+361869-19	+132639-19
+796636-22	+164761-21	+261696-26	+000000+00
+563141-19	+560167-19	+518820-19	+189797-19
+266176-21	+460974-21	+774926-26	+000000+00
+587232-19	+584034-19	+540779-19	+200552-19
+102710-20	+149783-20	+247229-26	+000000+00
+611772-19	+608592-19	+565400-19	+225880-19
+412694-20	+416666-20	+656748-26	+000000+00
+734346-19	+731154-19	+687970-19	+348416-19
+162091-19	+103066-19	+149079-24	+000000+00
+872487-19	+869282-19	+825975-19	+485192-19
+286970-19	+148614-19	+202703-24	+000000+00
+887143-19	+883937-19	+840613-19	+499667-19
+299911-19	+162759-19	+207294-24	+000000+00

ELEMENT	FUNCTION	PHI
12	2	+100000+15

+129159-18	+128823-18	+120623-18	+442129-19
+266212-21	+616836-21	+871986-26	+000000+00
+187714-18	+186722-18	+172940-18	+632655-19
+860588-21	+163658-20	+268308-25	+000000+00
+195744-18	+194678-18	+180260-18	+668505-19
+342366-20	+499278-20	+824097-25	+000000+00
+203924-18	+202861-18	+188467-18	+752933-19
+137631-19	+138666-19	+218916-24	+000000+00
+244782-18	+243718-18	+229323-18	+116139-18
+640304-19	+343660-19	+496930-24	+000000+00
+290829-18	+289761-18	+275325-18	+161731-18
+966666-19	+496379-19	+675678-24	+000000+00
+295714-18	+294646-18	+280204-18	+166556-18
+999704-19	+609332-19	+690980-24	+000000+00

ELEMENT	FUNCTION	PHI
12	2	+300000+15

+387476-18	+386470-18	+361869-18	+132639-18
+796636-21	+164761-20	+261696-25	+000000+00
+563141-18	+560167-18	+518820-18	+189797-18
+266176-20	+460974-20	+774926-25	+000000+00
+587232-18	+584033-18	+540779-18	+200551-18
+102710-19	+149783-19	+247229-24	+000000+00
+611772-18	+608592-18	+565400-18	+225880-18
+412694-19	+416666-19	+656748-24	+000000+00
+734346-18	+731154-18	+687970-18	+348416-18
+162091-18	+103066-18	+149079-23	+000000+00
+872487-18	+869282-18	+825975-18	+485192-18
+286970-18	+148614-18	+202703-23	+000000+00
+887143-18	+883937-18	+840613-18	+499667-18
+299911-18	+162759-18	+207294-23	+000000+00

ELEMENT	FUNCTION	PHI
12	2	+100000+16

+129159-17	+128823-17	+120623-17	+442129-18
+266212-20	+616836-20	+871985-25	+000000+00
+187714-17	+186722-17	+172940-17	+632655-18
+860588-20	+163658-19	+268308-24	+000000+00
+195744-17	+194678-17	+180260-17	+668505-18
+342365-19	+499278-19	+824097-24	+000000+00
+203924-17	+202861-17	+188467-17	+752933-18
+137631-18	+138666-18	+218916-23	+000000+00
+244782-17	+243718-17	+229323-17	+116139-17
+640304-18	+343660-18	+496930-23	+000000+00
+290829-17	+289761-17	+275325-17	+161731-17
+966666-18	+496379-18	+675678-23	+000000+00
+295714-17	+294646-17	+280204-17	+166556-17
+999704-18	+609332-18	+690980-23	+000000+00

NIOBIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
12	3	+100000+13

+541126-23	+539491-23	+504104-23	+184649-23
+113927-26	+226646-26	+383819-30	+000000+00
+785677-23	+781302-23	+722604-23	+264231-23
+366008-26	+675154-26	+113699-29	+000000+00
+819327-23	+814639-23	+753288-23	+279340-23
+147992-24	+219397-24	+362741-29	+000000+00
+854835-23	+850159-23	+788914-23	+316011-23
+598548-24	+608977-24	+963597-29	+000000+00
+103396-22	+102928-22	+968039-23	+495100-23
+236573-23	+151058-23	+218733-28	+000000+00
+123647-22	+123177-22	+117034-22	+695606-23
+419656-23	+217869-23	+297412-28	+000000+00
+125797-22	+125327-22	+119182-22	+716843-23
+438642-23	+224011-23	+304147-28	+000000+00

ELEMENT	FUNCTION	PHI
12	3	+100000+14

+541126-22	+539491-22	+504104-22	+184649-22
+113927-24	+226646-24	+383819-29	+000000+00
+785677-22	+781302-22	+722604-22	+264231-22
+366008-24	+675155-24	+113699-28	+000000+00
+819327-22	+814639-22	+753288-22	+279340-22
+147992-23	+219397-23	+362741-28	+000000+00
+854835-22	+850159-22	+788914-22	+316011-22
+598548-23	+608977-23	+963597-28	+000000+00
+103396-21	+102928-21	+968039-22	+495100-22
+236573-22	+151058-22	+218733-27	+000000+00
+123647-21	+123177-21	+117034-21	+695606-22
+419656-22	+217869-22	+297412-27	+000000+00
+125797-21	+125327-21	+119182-21	+716843-22
+438643-22	+224011-22	+304147-27	+000000+00

ELEMENT	FUNCTION	PHI
12	3	+300000+14

+162338-21	+161847-21	+151231-21	+553947-22
+341780-24	+679937-24	+116146-28	+000000+00
+235703-21	+234391-21	+216781-21	+792692-22
+109803-23	+202646-23	+341097-28	+000000+00
+245798-21	+244392-21	+225986-21	+838019-22
+443975-23	+658190-23	+108822-27	+000000+00
+256450-21	+255048-21	+236674-21	+948034-22
+179564-22	+182693-22	+289079-27	+000000+00
+310188-21	+308785-21	+290412-21	+148530-21
+709720-22	+453173-22	+656198-27	+000000+00
+370940-21	+369531-21	+351103-21	+208682-21
+125897-21	+653608-22	+892235-27	+000000+00
+377391-21	+375981-21	+357546-21	+215053-21
+131693-21	+672033-22	+912441-27	+000000+00

ELEMENT	FUNCTION	PHI
12	3	+100000+15

+541126-21	+539491-21	+504104-21	+184649-21
+113927-23	+226646-23	+383819-28	+000000+00
+785677-21	+781302-21	+722604-21	+264231-21
+366008-23	+675154-23	+113699-27	+000000+00
+819327-21	+814639-21	+753288-21	+279340-21
+147992-22	+219397-22	+362741-27	+000000+00
+854835-21	+850159-21	+788914-21	+316011-21
+598548-22	+608977-22	+963597-27	+000000+00
+103396-20	+102928-20	+968039-21	+495100-21
+236573-21	+151058-21	+218733-26	+000000+00
+123647-20	+123177-20	+117034-20	+695606-21
+419656-21	+217869-21	+297412-26	+000000+00
+125797-20	+125327-20	+119182-20	+716843-21
+438643-21	+224011-21	+304147-26	+000000+00

ELEMENT	FUNCTION	PHI
12	3	+300000+15

+162338-20	+161847-20	+151231-20	+553947-21
+341780-23	+679937-23	+116146-27	+000000+00
+235703-20	+234391-20	+216781-20	+792692-21
+109802-22	+202646-22	+341097-27	+000000+00
+245798-20	+244392-20	+225986-20	+838019-21
+443975-22	+658190-22	+108822-26	+000000+00
+256450-20	+255048-20	+236674-20	+948033-21
+179564-21	+182693-21	+289079-26	+000000+00
+310188-20	+308785-20	+290412-20	+148530-20
+709719-21	+453173-21	+656198-26	+000000+00
+370940-20	+369531-20	+351103-20	+208682-20
+125897-20	+653608-21	+892235-26	+000000+00
+377391-20	+375981-20	+357546-20	+215053-20
+131693-20	+672033-21	+912441-26	+000000+00

ELEMENT	FUNCTION	PHI
12	3	+100000+16

+541126-20	+539491-20	+504104-20	+184649-20
+113927-22	+226646-22	+383819-27	+000000+00
+785677-20	+781302-20	+722604-20	+264231-20
+366008-22	+675154-22	+113699-26	+000000+00
+819327-20	+814639-20	+753288-20	+279340-20
+147992-21	+219397-21	+362741-26	+000000+00
+854835-20	+850159-20	+788914-20	+316011-20
+598548-21	+608977-21	+963597-26	+000000+00
+103396-19	+102928-19	+968039-20	+495100-20
+236573-20	+151058-20	+218733-25	+000000+00
+123647-19	+123177-19	+117034-19	+695606-20
+419656-20	+217869-20	+297412-25	+000000+00
+125797-19	+125327-19	+119182-19	+716843-20
+438643-20	+224011-20	+304147-25	+000000+00

NIOBIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
12	4	+100000+13

+699662-23	+698801-23	+658648-23	+241924-23
+122098-26	+242732-26	+411084-30	+000000+00
+102001-22	+101556-22	+944849-23	+346031-23
+391976-26	+723076-26	+121776-29	+000000+00
+106285-22	+105798-22	+983785-23	+364405-23
+168440-24	+234969-24	+388608-29	+000000+00
+110086-22	+109601-22	+102193-22	+403666-23
+640867-24	+652206-24	+103206-28	+000000+00
+129269-22	+128784-22	+121376-22	+595454-23
+263339-23	+161783-23	+234270-28	+000000+00
+150957-22	+150470-22	+143042-22	+810197-23
+449423-23	+233340-23	+318638-28	+000000+00
+153260-22	+152773-22	+145342-22	+832942-23
+469768-23	+239918-23	+326762-28	+000000+00

ELEMENT	FUNCTION	PHI
12	4	+100000+14

+699662-22	+698801-22	+658648-22	+241924-22
+122098-24	+242732-24	+411084-29	+000000+00
+102001-21	+101556-21	+944849-22	+346031-22
+391976-24	+723076-24	+121776-28	+000000+00
+106285-21	+105798-21	+983785-22	+364405-22
+168440-23	+234969-23	+388608-28	+000000+00
+110086-21	+109601-21	+102193-21	+403666-22
+640867-23	+652206-23	+103206-27	+000000+00
+129269-21	+128784-21	+121376-21	+595454-22
+263339-22	+161783-22	+234270-27	+000000+00
+150957-21	+150470-21	+143042-21	+810197-22
+449423-22	+233340-22	+318638-27	+000000+00
+153260-21	+152773-21	+145342-21	+832942-22
+469768-22	+239918-22	+326762-27	+000000+00

ELEMENT	FUNCTION	PHI
12	4	+300000+14

+209899-21	+209640-21	+197594-21	+725772-22
+366292-24	+728196-24	+123326-28	+000000+00
+306002-21	+304667-21	+283455-21	+103809-21
+117692-23	+216922-23	+366326-28	+000000+00
+318854-21	+317395-21	+295135-21	+109322-21
+476321-23	+704908-23	+116662-27	+000000+00
+330259-21	+328804-21	+306578-21	+121100-21
+192260-22	+196662-22	+309614-27	+000000+00
+387807-21	+386352-21	+364126-21	+178636-21
+760018-22	+486348-22	+702811-27	+000000+00
+452872-21	+451411-21	+429127-21	+243059-21
+134827-21	+700019-22	+966616-27	+000000+00
+459781-21	+458319-21	+436027-21	+249883-21
+140927-21	+719763-22	+977267-27	+000000+00

ELEMENT	FUNCTION	PHI
12	4	+100000+15

+699662-21	+698801-21	+658648-21	+241924-21
+122098-23	+242732-23	+411084-28	+000000+00
+102001-20	+101556-20	+944849-21	+346031-21
+391976-23	+723076-23	+121776-27	+000000+00
+106285-20	+105798-20	+983785-21	+364405-21
+168440-22	+234969-22	+388608-27	+000000+00
+110086-20	+109601-20	+102193-20	+403666-21
+640867-22	+652206-22	+103206-26	+000000+00
+129269-20	+128784-20	+121376-20	+595454-21
+263339-21	+161783-21	+234270-26	+000000+00
+150957-20	+150470-20	+143042-20	+810197-21
+449423-21	+233340-21	+318638-26	+000000+00
+153260-20	+152773-20	+145342-20	+832942-21
+469768-21	+239918-21	+326762-26	+000000+00

ELEMENT	FUNCTION	PHI
12	4	+300000+15

+209899-20	+209640-20	+197594-20	+725772-21
+366292-23	+728196-23	+123326-27	+000000+00
+306002-20	+304667-20	+283455-20	+103809-20
+117692-22	+216922-22	+366326-27	+000000+00
+318854-20	+317395-20	+295135-20	+109322-20
+476321-22	+704908-22	+116662-26	+000000+00
+330259-20	+328804-20	+306578-20	+121100-20
+192260-21	+196662-21	+309614-26	+000000+00
+387807-20	+386352-20	+364126-20	+178636-20
+760018-21	+486348-21	+702811-26	+000000+00
+452872-20	+451411-20	+429127-20	+243059-20
+134827-20	+700019-21	+966616-26	+000000+00
+459781-20	+458319-20	+436027-20	+249883-20
+140927-20	+719763-21	+977267-26	+000000+00

ELEMENT	FUNCTION	PHI
12	4	+100000+16

+699662-20	+698801-20	+658648-20	+241924-20
+122098-22	+242732-22	+411084-27	+000000+00
+102001-19	+101556-19	+944849-20	+346031-20
+391976-22	+723076-22	+121776-26	+000000+00
+106285-19	+105798-19	+983785-20	+364405-20
+168440-21	+234969-21	+388608-26	+000000+00
+110086-19	+109601-19	+102193-19	+403666-20
+640867-21	+652206-21	+103206-26	+000000+00
+129269-19	+128784-19	+121376-19	+595454-20
+263339-20	+161783-20	+234270-26	+000000+00
+150957-19	+150470-19	+143042-19	+810197-20
+449423-20	+233340-20	+318638-26	+000000+00
+153260-19	+152773-19	+145342-19	+832942-20
+469768-20	+239918-20	+326762-26	+000000+00

NIOBIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
12	5	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
12	5	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
12	5	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
12	5	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
12	5	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
12	5	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

NIOBIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
12	6	+100000+13

+775361-15	+781753-15	+839763-15	+140650-14
+385476-14	+139869-14	+161963-19	+000000+00
+415176-14	+416938-14	+432768-14	+581858-14
+116864-13	+414336-14	+460169-19	+000000+00
+269282-13	+269619-13	+272624-13	+300076-13
+390205-13	+132188-13	+143617-18	+000000+00
+102174-12	+102204-12	+102467-12	+104794-12
+107369-12	+361148-13	+381608-18	+000000+00
+260928-12	+260937-12	+261020-12	+261551-12
+247218-12	+797085-13	+866002-18	+000000+00
+363021-12	+363017-12	+362983-12	+362356-12
+337136-12	+108380-12	+117750-17	+000000+00
+371761-12	+371756-12	+371712-12	+370985-12
+344833-12	+110834-12	+120417-17	+000000+00

ELEMENT	FUNCTION	PHI
12	6	+100000+14

+775361-14	+781752-14	+839762-14	+140650-13
+385476-13	+139870-13	+161963-18	+000000+00
+415176-13	+416938-13	+432768-13	+581858-13
+116864-12	+414336-13	+460169-18	+000000+00
+269282-12	+269619-12	+272624-12	+300076-12
+390205-12	+132188-12	+143617-17	+000000+00
+102174-11	+102204-11	+102467-11	+104794-11
+107370-11	+361148-12	+381608-17	+000000+00
+260928-11	+260937-11	+261020-11	+261551-11
+247218-11	+797085-12	+866002-17	+000000+00
+363021-11	+363017-11	+362983-11	+362356-11
+337136-11	+108380-11	+117750-16	+000000+00
+371761-11	+371756-11	+371712-11	+370986-11
+344833-11	+110834-11	+120417-16	+000000+00

ELEMENT	FUNCTION	PHI
12	6	+300000+14

+232609-13	+234526-13	+251929-13	+421949-13
+116643-12	+419608-13	+456888-18	+000000+00
+124553-12	+125081-12	+129830-12	+174558-12
+360593-12	+124301-12	+136048-17	+000000+00
+807847-12	+808856-12	+817872-12	+900229-12
+117062-11	+396624-12	+430851-17	+000000+00
+306522-11	+306611-11	+307401-11	+314382-11
+322109-11	+106344-11	+114462-16	+000000+00
+782783-11	+782812-11	+783060-11	+784653-11
+741656-11	+239126-11	+269801-16	+000000+00
+108906-10	+108905-10	+108895-10	+108707-10
+101141-10	+326139-11	+363250-16	+000000+00
+111528-10	+111527-10	+111514-10	+111296-10
+103450-10	+332602-11	+361260-16	+000000+00

ELEMENT	FUNCTION	PHI
12	6	+100000+15

+775361-13	+781753-13	+839763-13	+140650-12
+385476-12	+139869-12	+161963-17	+000000+00
+415176-12	+416938-12	+432768-12	+581858-12
+116864-11	+414336-12	+460169-17	+000000+00
+269282-11	+269619-11	+272624-11	+300076-11
+390205-11	+132188-11	+143617-16	+000000+00
+102174-10	+102204-10	+102467-10	+104794-10
+107370-10	+361148-11	+381608-16	+000000+00
+260928-10	+260937-10	+261020-10	+261551-10
+247218-10	+797085-11	+866002-16	+000000+00
+363021-10	+363017-10	+362983-10	+362356-10
+337136-10	+108380-10	+117750-16	+000000+00
+371761-10	+371756-10	+371712-10	+370985-10
+344833-10	+110834-10	+120417-16	+000000+00

ELEMENT	FUNCTION	PHI
12	6	+300000+15

+232608-12	+234526-12	+251929-12	+421949-12
+116643-11	+419609-12	+456888-17	+000000+00
+124553-11	+125081-11	+129830-11	+174558-11
+360593-11	+124301-11	+136048-16	+000000+00
+807847-11	+808856-11	+817872-11	+900229-11
+117062-10	+396624-11	+430851-16	+000000+00
+306522-10	+306611-10	+307401-10	+314382-10
+322109-10	+106344-10	+114462-16	+000000+00
+782783-10	+782812-10	+783060-10	+784653-10
+741656-10	+239126-10	+269801-16	+000000+00
+108906-09	+108905-09	+108895-09	+108707-09
+101141-09	+326139-10	+363250-16	+000000+00
+111528-09	+111527-09	+111514-09	+111296-09
+103450-09	+332602-10	+361260-16	+000000+00

ELEMENT	FUNCTION	PHI
12	6	+100000+16

+775360-12	+781751-12	+839761-12	+140650-11
+385476-11	+139869-11	+161963-16	+000000+00
+415176-11	+416938-11	+432768-11	+581858-11
+116864-10	+414336-11	+460169-16	+000000+00
+269282-10	+269619-10	+272624-10	+300076-10
+390205-10	+132188-10	+143617-16	+000000+00
+102174-09	+102204-09	+102467-09	+104794-09
+107370-09	+361148-10	+381608-16	+000000+00
+260928-09	+260937-09	+261020-09	+261551-09
+247218-09	+797085-10	+866002-16	+000000+00
+363021-09	+363017-09	+362983-09	+362356-09
+337136-09	+108380-09	+117750-16	+000000+00
+371761-09	+371756-09	+371712-09	+370985-09
+344833-09	+110834-09	+120417-16	+000000+00

NIOBIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
12	7	+100000+13

+477903-10	+476662-10	+446319-10	+163584-10
+942744-13	+189460-12	+321116-17	+000000+00
+694537-10	+690869-10	+639870-10	+234041-10
+303032-12	+564391-12	+961238-17	+000000+00
+724025-10	+720080-10	+666727-10	+247065-10
+122773-11	+183411-11	+303480-16	+000000+00
+753540-10	+749604-10	+696341-10	+277556-10
+498129-11	+509141-11	+806174-16	+000000+00
+903124-10	+899189-10	+845925-10	+427116-10
+197440-10	+126317-10	+182998-15	+000000+00
+107248-09	+106853-09	+101511-09	+594798-10
+350558-10	+182206-10	+248823-15	+000000+00
+109047-09	+108651-09	+103308-09	+612564-10
+366442-10	+187344-10	+254469-15	+000000+00

ELEMENT	FUNCTION	PHI
12	7	+100000+14

+477903-09	+476662-09	+446319-09	+163584-09
+942745-12	+189460-11	+321116-16	+000000+00
+694537-09	+690869-09	+639870-09	+234041-09
+303032-11	+564391-11	+961239-16	+000000+00
+724025-09	+720080-09	+666727-09	+247065-09
+122773-10	+183411-10	+303480-15	+000000+00
+753540-09	+749604-09	+696341-09	+277556-09
+498129-10	+509142-10	+806174-16	+000000+00
+903124-09	+899189-09	+845925-09	+427116-09
+197440-09	+126317-09	+182998-14	+000000+00
+107248-08	+106853-08	+101511-08	+594798-09
+350558-09	+182206-09	+248823-14	+000000+00
+109047-08	+108651-08	+103308-08	+612564-09
+366442-09	+187344-09	+254469-14	+000000+00

ELEMENT	FUNCTION	PHI
12	7	+300000+14

+143371-08	+142999-08	+133896-08	+490752-09
+282823-11	+568381-11	+963344-16	+000000+00
+208361-08	+207261-08	+191961-08	+702123-09
+909096-11	+169317-10	+285372-15	+000000+00
+217208-08	+216024-08	+200018-08	+741196-09
+368319-10	+550233-10	+910440-15	+000000+00
+226062-08	+224881-08	+208902-08	+832667-09
+149439-09	+152742-09	+241862-14	+000000+00
+270937-08	+269757-08	+253778-08	+128135-08
+592321-09	+378960-09	+548996-14	+000000+00
+321744-08	+320558-08	+304533-08	+178439-08
+105167-08	+546619-09	+746470-14	+000000+00
+327140-08	+325954-08	+309923-08	+183769-08
+109933-08	+562033-09	+763376-14	+000000+00

ELEMENT	FUNCTION	PHI
12	7	+100000+15

+477903-08	+476662-08	+446319-08	+163584-08
+942745-11	+189460-10	+321116-15	+000000+00
+694537-08	+690869-08	+639870-08	+234041-08
+303032-10	+564391-10	+961239-15	+000000+00
+724025-08	+720080-08	+666727-08	+247065-08
+122773-09	+183411-09	+303480-14	+000000+00
+753540-08	+749604-08	+696341-08	+277556-08
+498129-09	+509142-09	+806174-14	+000000+00
+903124-08	+899189-08	+845925-08	+427116-08
+197440-08	+126317-08	+182998-13	+000000+00
+107248-07	+106853-07	+101511-07	+594798-08
+350558-08	+182206-08	+248823-13	+000000+00
+109047-07	+108651-07	+103308-07	+612564-08
+366442-08	+187344-08	+254469-13	+000000+00

ELEMENT	FUNCTION	PHI
12	7	+300000+15

+143371-07	+142999-07	+133896-07	+490752-08
+282823-10	+568381-10	+963344-15	+000000+00
+208361-07	+207261-07	+191961-07	+702123-08
+909096-10	+169317-09	+285372-14	+000000+00
+217208-07	+216024-07	+200018-07	+741196-08
+368319-09	+550233-09	+910440-14	+000000+00
+226062-07	+224881-07	+208902-07	+832667-08
+149439-08	+152742-08	+241862-13	+000000+00
+270937-07	+269757-07	+253778-07	+128135-07
+592321-08	+378960-08	+548996-13	+000000+00
+321744-07	+320558-07	+304533-07	+178439-07
+105167-07	+546619-08	+746470-13	+000000+00
+327140-07	+325954-07	+309923-07	+183769-07
+109933-07	+562033-08	+763376-13	+000000+00

ELEMENT	FUNCTION	PHI
12	7	+100000+16

+477903-07	+476662-07	+446319-07	+163584-07
+942744-10	+189460-09	+321116-14	+000000+00
+694537-07	+690869-07	+639870-07	+234041-07
+303032-09	+564391-09	+961239-14	+000000+00
+724025-07	+720080-07	+666727-07	+247065-07
+122773-08	+183411-08	+303480-13	+000000+00
+753540-07	+749604-07	+696341-07	+277556-07
+498129-08	+509141-08	+806174-13	+000000+00
+903124-07	+899189-07	+845925-07	+427116-07
+197440-07	+126317-07	+182998-12	+000000+00
+107248-06	+106853-06	+101511-06	+594798-07
+350558-07	+182206-07	+248823-12	+000000+00
+109047-06	+108651-06	+103308-06	+612564-07
+366442-07	+187344-07	+254469-12	+000000+00

NIOBIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
12	8	+100000+13

+155761-14	+154484-14	+143455-14	+683965-15
+415159-18	+000000+00	+000000+00	+000000+00
+254191-14	+252108-14	+234109-14	+111618-14
+677511-18	+000000+00	+000000+00	+000000+00
+277630-14	+275354-14	+255696-14	+121911-14
+739985-18	+000000+00	+000000+00	+000000+00
+277704-14	+275428-14	+255764-14	+121943-14
+740182-18	+000000+00	+000000+00	+000000+00
+277704-14	+275428-14	+255764-14	+121943-14
+740182-18	+000000+00	+000000+00	+000000+00
+277704-14	+275428-14	+255764-14	+121943-14
+740182-18	+000000+00	+000000+00	+000000+00
+277704-14	+275428-14	+255764-14	+121943-14
+740182-18	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
12	8	+100000+14

+155761-13	+154484-13	+143455-13	+683965-14
+415159-17	+000000+00	+000000+00	+000000+00
+254191-13	+252108-13	+234109-13	+111618-13
+677511-17	+000000+00	+000000+00	+000000+00
+277630-13	+275354-13	+255696-13	+121911-13
+739985-17	+000000+00	+000000+00	+000000+00
+277704-13	+275428-13	+255764-13	+121943-13
+740182-17	+000000+00	+000000+00	+000000+00
+277704-13	+275428-13	+255764-13	+121943-13
+740182-17	+000000+00	+000000+00	+000000+00
+277704-13	+275428-13	+255764-13	+121943-13
+740182-17	+000000+00	+000000+00	+000000+00
+277704-13	+275428-13	+255764-13	+121943-13
+740182-17	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
12	8	+300000+14

+467282-13	+463452-13	+430365-13	+205189-13
+124548-16	+000000+00	+000000+00	+000000+00
+762573-13	+756323-13	+702326-13	+334855-13
+203263-16	+000000+00	+000000+00	+000000+00
+832890-13	+826063-13	+767088-13	+365732-13
+221996-16	+000000+00	+000000+00	+000000+00
+833112-13	+826284-13	+767293-13	+365830-13
+222055-16	+000000+00	+000000+00	+000000+00
+833112-13	+826284-13	+767293-13	+365830-13
+222055-16	+000000+00	+000000+00	+000000+00
+833112-13	+826284-13	+767293-13	+365830-13
+222055-16	+000000+00	+000000+00	+000000+00
+833112-13	+826284-13	+767293-13	+365830-13
+222055-16	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
12	8	+100000+15

+155761-12	+154484-12	+143455-12	+683965-13
+415159-16	+000000+00	+000000+00	+000000+00
+254191-12	+252108-12	+234109-12	+111618-12
+677511-16	+000000+00	+000000+00	+000000+00
+277630-12	+275354-12	+255696-12	+121911-12
+739985-16	+000000+00	+000000+00	+000000+00
+277704-12	+275428-12	+255764-12	+121943-12
+740182-16	+000000+00	+000000+00	+000000+00
+277704-12	+275428-12	+255764-12	+121943-12
+740182-16	+000000+00	+000000+00	+000000+00
+277704-12	+275428-12	+255764-12	+121943-12
+740182-16	+000000+00	+000000+00	+000000+00
+277704-12	+275428-12	+255764-12	+121943-12
+740182-16	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
12	8	+300000+15

+467282-12	+463452-12	+430365-12	+205189-12
+124548-15	+000000+00	+000000+00	+000000+00
+762573-12	+756323-12	+702326-12	+334855-12
+203263-15	+000000+00	+000000+00	+000000+00
+832890-12	+826063-12	+767088-12	+365732-12
+221996-15	+000000+00	+000000+00	+000000+00
+833112-12	+826284-12	+767293-12	+365830-12
+222055-15	+000000+00	+000000+00	+000000+00
+833112-12	+826284-12	+767293-12	+365830-12
+222055-15	+000000+00	+000000+00	+000000+00
+833112-12	+826284-12	+767293-12	+365830-12
+222055-15	+000000+00	+000000+00	+000000+00
+833112-12	+826284-12	+767293-12	+365830-12
+222055-15	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
12	8	+100000+16

+155761-11	+154484-11	+143455-11	+683965-12
+415159-15	+000000+00	+000000+00	+000000+00
+254191-11	+252108-11	+234109-11	+111618-11
+677511-15	+000000+00	+000000+00	+000000+00
+277630-11	+275354-11	+255696-11	+121911-11
+739985-15	+000000+00	+000000+00	+000000+00
+277704-11	+275428-11	+255764-11	+121943-11
+740182-15	+000000+00	+000000+00	+000000+00
+277704-11	+275428-11	+255764-11	+121943-11
+740182-15	+000000+00	+000000+00	+000000+00
+277704-11	+275428-11	+255764-11	+121943-11
+740182-15	+000000+00	+000000+00	+000000+00
+277704-11	+275428-11	+255764-11	+121943-11
+740182-15	+000000+00	+000000+00	+000000+00

NIOBIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
12	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
12	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
12	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
12	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
12	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
12	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

MOLYBDENUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
13	1	+100000+13

+116214-04	+116004-04	+117063-04	+123448-04
+110131-04	+126364-04	+146003-04	+146003-04
+362437-04	+362222-04	+363205-04	+366343-04
+329506-04	+379656-04	+436009-04	+436010-04
+116293-03	+116261-03	+116259-03	+115685-03
+109573-03	+127197-03	+146003-03	+146003-03
+336319-03	+336287-03	+336295-03	+335838-03
+332334-03	+386762-03	+436009-03	+436010-03
+116834-02	+116832-02	+116846-02	+116935-02
+117924-02	+133680-02	+146003-02	+146003-02
+391878-02	+391878-02	+391907-02	+392148-02
+394680-02	+419020-02	+436009-02	+436009-02
+140546-01	+140546-01	+140549-01	+140575-01
+140833-01	+143363-01	+146003-01	+146003-01

ELEMENT	FUNCTION	PHI
13	1	+100000+14

+116214-03	+116004-03	+117063-03	+123448-03
+110131-03	+126364-03	+146003-03	+146003-03
+362437-03	+362222-03	+363205-03	+366343-03
+329506-03	+379656-03	+436009-03	+436010-03
+116293-02	+116261-02	+116259-02	+115685-02
+109573-02	+127197-02	+146003-02	+146003-02
+336318-02	+336287-02	+336294-02	+335838-02
+332333-02	+386761-02	+436009-02	+436009-02
+116833-01	+116831-01	+116846-01	+116935-01
+117923-01	+133679-01	+146003-01	+146003-01
+391873-01	+391873-01	+391902-01	+392143-01
+394676-01	+419016-01	+436004-01	+436006-01
+140541+00	+140541+00	+140544+00	+140570+00
+140828+00	+143354+00	+144997+00	+144997+00

ELEMENT	FUNCTION	PHI
13	1	+300000+14

+348641-03	+348011-03	+351190-03	+370343-03
+330394-03	+379091-03	+436009-03	+436010-03
+108731-02	+108667-02	+108962-02	+109903-02
+988517-03	+113897-02	+130603-02	+130603-02
+348879-02	+348781-02	+348777-02	+347054-02
+328719-02	+381591-02	+436009-02	+436009-02
+100895-01	+100886-01	+100888-01	+100751-01
+996997-02	+116026-01	+130602-01	+130602-01
+350496-01	+350491-01	+350533-01	+350800-01
+353767-01	+400734-01	+436004-01	+436005-01
+117559+00	+117559+00	+117568+00	+117640+00
+118369+00	+126701+00	+130498+00	+130498+00
+421585+00	+421585+00	+421594+00	+421671+00
+422446+00	+430036+00	+434966+00	+434966+00

ELEMENT	FUNCTION	PHI
13	1	+100000+15

+116214-02	+116004-02	+117063-02	+123448-02
+110131-02	+126364-02	+146003-02	+146003-02
+362436-02	+362222-02	+363205-02	+366343-02
+329505-02	+379655-02	+436009-02	+436009-02
+116293-01	+116260-01	+116259-01	+115684-01
+109573-01	+127197-01	+146002-01	+146003-01
+336313-01	+336282-01	+336289-01	+335833-01
+332328-01	+386746-01	+436004-01	+436005-01
+116828+00	+116826+00	+116840+00	+116929+00
+117918+00	+133674+00	+144997+00	+144997+00
+391824+00	+391824+00	+391854+00	+392094+00
+394626+00	+418967+00	+434955+00	+434956+00
+140481+01	+140481+01	+140484+01	+140510+01
+140768+01	+143298+01	+144938+01	+144938+01

ELEMENT	FUNCTION	PHI
13	1	+300000+15

+348641-02	+348011-02	+351190-02	+370342-02
+330394-02	+379090-02	+436009-02	+436009-02
+108731-01	+108666-01	+108961-01	+109903-01
+988513-02	+113896-01	+130602-01	+130602-01
+348874-01	+348776-01	+348772-01	+347049-01
+328714-01	+381586-01	+436004-01	+436005-01
+100891+00	+100881+00	+100884+00	+100747+00
+996963-01	+116021+00	+130498+00	+130498+00
+350447+00	+350442+00	+350485+00	+350752+00
+353718+00	+400686+00	+434966+00	+434966+00
+117513+01	+117513+01	+117522+01	+117594+01
+118324+01	+126656+01	+130453+01	+130453+01
+420958+01	+420958+01	+420967+01	+421044+01
+421019+01	+429409+01	+434327+01	+434327+01

ELEMENT	FUNCTION	PHI
13	1	+100000+16

+116213-01	+116003-01	+117063-01	+123447-01
+110131-01	+126363-01	+146002-01	+146003-01
+362431-01	+362217-01	+363200-01	+366338-01
+329501-01	+379651-01	+436004-01	+436005-01
+116287+00	+116255+00	+116253+00	+115679+00
+109567+00	+127191+00	+144997+00	+144997+00
+336265+00	+336233+00	+336241+00	+335785+00
+332280+00	+386698+00	+434955+00	+434956+00
+116773+01	+116772+01	+116786+01	+116875+01
+117864+01	+133619+01	+144943+01	+144943+01
+391271+01	+391271+01	+391301+01	+391541+01
+393973+01	+418414+01	+434403+01	+434403+01
+139510+02	+139510+02	+139513+02	+139538+02
+139797+02	+142327+02	+143966+02	+143966+02

MOLYBDENUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
13	2	+100000+13	
+168144-20	+845288-21	+232820-21	+179404-21
+134320-22	+743412-34	+000000+00	+000000+00
+199536-20	+115830-20	+537823-21	+414766-21
+310636-22	+171870-33	+000000+00	+000000+00
+234470-20	+150664-20	+877248-21	+676689-21
+506638-22	+280405-33	+000000+00	+000000+00
+239821-20	+155999-20	+929237-21	+716807-21
+536675-22	+297029-33	+000000+00	+000000+00
+239838-20	+156016-20	+929401-21	+716934-21
+536770-22	+297081-33	+000000+00	+000000+00
+239838-20	+156016-20	+929401-21	+716934-21
+536770-22	+297081-33	+000000+00	+000000+00
+239838-20	+156016-20	+929401-21	+716934-21
+536770-22	+297081-33	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
13	2	+100000+14	
+168144-19	+845288-20	+232820-20	+179404-20
+134320-21	+743412-33	+000000+00	+000000+00
+199536-19	+115830-19	+537823-20	+414766-20
+310636-21	+171870-32	+000000+00	+000000+00
+234470-19	+150664-19	+877248-20	+676689-20
+506638-21	+280405-32	+000000+00	+000000+00
+239821-19	+155999-19	+929237-20	+716807-20
+536675-21	+297029-32	+000000+00	+000000+00
+239838-19	+156016-19	+929401-20	+716934-20
+536770-21	+297081-32	+000000+00	+000000+00
+239838-19	+156016-19	+929401-20	+716934-20
+536770-21	+297081-32	+000000+00	+000000+00
+239838-19	+156016-19	+929401-20	+716934-20
+536770-21	+297081-32	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
13	2	+300000+14	
+504433-19	+253586-19	+698460-20	+538213-20
+402961-21	+223024-32	+000000+00	+000000+00
+598608-19	+347490-19	+161347-19	+124430-19
+931608-21	+615609-32	+000000+00	+000000+00
+703410-19	+451991-19	+263174-19	+203007-19
+151991-20	+841215-32	+000000+00	+000000+00
+719463-19	+467997-19	+278771-19	+215042-19
+161002-20	+891087-32	+000000+00	+000000+00
+719514-19	+468048-19	+278820-19	+215080-19
+161031-20	+891244-32	+000000+00	+000000+00
+719514-19	+468048-19	+278820-19	+215080-19
+161031-20	+891244-32	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
13	2	+100000+15	
+168144-18	+845288-19	+232820-19	+179404-19
+134320-20	+743412-32	+000000+00	+000000+00
+199536-18	+115830-18	+537823-19	+414766-19
+310636-20	+171870-31	+000000+00	+000000+00
+234470-18	+150664-18	+877248-19	+676689-19
+506638-20	+280405-31	+000000+00	+000000+00
+239821-18	+155999-18	+929237-19	+716807-19
+536675-20	+297029-31	+000000+00	+000000+00
+239838-18	+156016-18	+929401-19	+716934-19
+536770-20	+297081-31	+000000+00	+000000+00
+239838-18	+156016-18	+929401-19	+716934-19
+536770-20	+297081-31	+000000+00	+000000+00
+239838-18	+156016-18	+929401-19	+716934-19
+536770-20	+297081-31	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
13	2	+300000+15	
+504433-18	+253586-18	+698460-19	+538213-19
+402961-20	+223024-31	+000000+00	+000000+00
+598608-18	+347490-18	+161347-18	+124430-18
+931608-20	+615609-31	+000000+00	+000000+00
+703410-18	+451991-18	+263174-18	+203007-18
+151991-19	+841215-31	+000000+00	+000000+00
+719463-18	+467997-18	+278771-18	+215042-18
+161002-19	+891087-31	+000000+00	+000000+00
+719514-18	+468048-18	+278820-18	+215080-18
+161031-19	+891244-31	+000000+00	+000000+00
+719514-18	+468048-18	+278820-18	+215080-18
+161031-19	+891244-31	+000000+00	+000000+00
+719514-18	+468048-18	+278820-18	+215080-18
+161031-19	+891244-31	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
13	2	+100000+16	
+168144-17	+845288-18	+232820-18	+179404-18
+134320-19	+743412-31	+000000+00	+000000+00
+199536-17	+115830-17	+537823-18	+414766-18
+310636-19	+171870-30	+000000+00	+000000+00
+234470-17	+150664-17	+877248-18	+676689-18
+506638-19	+280405-30	+000000+00	+000000+00
+239821-17	+155999-17	+929237-18	+716807-18
+536675-19	+297029-30	+000000+00	+000000+00
+239838-17	+156016-17	+929401-18	+716934-18
+536770-19	+297081-30	+000000+00	+000000+00
+239838-17	+156016-17	+929401-18	+716934-18
+536770-19	+297081-30	+000000+00	+000000+00
+239838-17	+156016-17	+929401-18	+716934-18
+536770-19	+297081-30	+000000+00	+000000+00

MOLYBDENUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
13	3	+100000+13

+435437-23	+215932-23	+332207-24	+255217-24
+191081-26	+105766-36	+000000+00	+000000+00
+480094-23	+260460-23	+766097-24	+590036-24
+441761-26	+244498-36	+000000+00	+000000+00
+529790-23	+310014-23	+124895-23	+962642-24
+720732-26	+398897-36	+000000+00	+000000+00
+537402-23	+317604-23	+132291-23	+101971-23
+763461-26	+422546-36	+000000+00	+000000+00
+537426-23	+317628-23	+132315-23	+101989-23
+763596-26	+422621-36	+000000+00	+000000+00
+537426-23	+317628-23	+132315-23	+101989-23
+763596-26	+422621-36	+000000+00	+000000+00
+537426-23	+317628-23	+132315-23	+101989-23
+763596-26	+422621-36	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	3	+100000+14

+435437-22	+215932-22	+332207-23	+255217-23
+191081-24	+105756-35	+000000+00	+000000+00
+480094-22	+260460-22	+766097-23	+590036-23
+441761-24	+244498-35	+000000+00	+000000+00
+529790-22	+310014-22	+124895-22	+962642-23
+720732-24	+398897-35	+000000+00	+000000+00
+537402-22	+317604-22	+132291-22	+101971-22
+763461-24	+422546-35	+000000+00	+000000+00
+537426-22	+317628-22	+132315-22	+101989-22
+763596-24	+422621-35	+000000+00	+000000+00
+537426-22	+317628-22	+132315-22	+101989-22
+763596-24	+422621-35	+000000+00	+000000+00
+537426-22	+317628-22	+132315-22	+101989-22
+763596-24	+422621-35	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	3	+300000+14

+130631-21	+647795-22	+996620-23	+765649-23
+573243-24	+317268-35	+000000+00	+000000+00
+144028-21	+781380-22	+229829-22	+177011-22
+132528-23	+733493-35	+000000+00	+000000+00
+158937-21	+930041-22	+374686-22	+288793-22
+216219-23	+119669-34	+000000+00	+000000+00
+161221-21	+952811-22	+396874-22	+305914-22
+229038-23	+126764-34	+000000+00	+000000+00
+161228-21	+952883-22	+396944-22	+305968-22
+229079-23	+126786-34	+000000+00	+000000+00
+161228-21	+952883-22	+396944-22	+305968-22
+229079-23	+126786-34	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	3	+100000+15

+435437-21	+215932-21	+332207-22	+255217-22
+191081-23	+105756-34	+000000+00	+000000+00
+480094-21	+260460-21	+766097-22	+590036-22
+441761-23	+244498-34	+000000+00	+000000+00
+529790-21	+310014-21	+124895-21	+962642-22
+720731-23	+398897-34	+000000+00	+000000+00
+537402-21	+317604-21	+132291-21	+101971-21
+763461-23	+422546-34	+000000+00	+000000+00
+537426-21	+317628-21	+132315-21	+101989-21
+763596-23	+422621-34	+000000+00	+000000+00
+537426-21	+317628-21	+132315-21	+101989-21
+763596-23	+422621-34	+000000+00	+000000+00
+537426-21	+317628-21	+132315-21	+101989-21
+763596-23	+422621-34	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	3	+300000+15

+130631-20	+647795-21	+996620-22	+765649-22
+573243-23	+317268-34	+000000+00	+000000+00
+144028-20	+781380-21	+229829-21	+177011-21
+132528-22	+733493-34	+000000+00	+000000+00
+158937-20	+930041-21	+374686-21	+288793-21
+216219-22	+119669-33	+000000+00	+000000+00
+161221-20	+952811-21	+396874-21	+305914-21
+229038-22	+126764-33	+000000+00	+000000+00
+161228-20	+952883-21	+396944-21	+305968-21
+229079-22	+126786-33	+000000+00	+000000+00
+161228-20	+952883-21	+396944-21	+305968-21
+229079-22	+126786-33	+000000+00	+000000+00
+161228-20	+952883-21	+396944-21	+305968-21
+229079-22	+126786-33	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	3	+100000+16

+435437-20	+215932-20	+332207-21	+255217-21
+191081-22	+105756-33	+000000+00	+000000+00
+480094-20	+260460-20	+766097-21	+590036-21
+441761-22	+244498-33	+000000+00	+000000+00
+529790-20	+310014-20	+124895-20	+962642-21
+720732-22	+398897-33	+000000+00	+000000+00
+537402-20	+317604-20	+132291-20	+101971-20
+763461-22	+422546-33	+000000+00	+000000+00
+537426-20	+317628-20	+132315-20	+101989-20
+763596-22	+422621-33	+000000+00	+000000+00
+537426-20	+317628-20	+132315-20	+101989-20
+763596-22	+422621-33	+000000+00	+000000+00
+537426-20	+317628-20	+132315-20	+101989-20
+763596-22	+422621-33	+000000+00	+000000+00

MOLYBDENUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
13	4	+100000+13

+840174-23	+419765-23	+851281-24	+655056-24
+490441-25	+271440-36	+000000+00	+000000+00
+954793-23	+534055-23	+196493-23	+151443-23
+113385-24	+627644-36	+000000+00	+000000+00
+108235-22	+661242-23	+320427-23	+247078-23
+184988-24	+102384-36	+000000+00	+000000+00
+110188-22	+680723-23	+339409-23	+261726-23
+195955-24	+108454-36	+000000+00	+000000+00
+110195-22	+680785-23	+339469-23	+261773-23
+195990-24	+108473-36	+000000+00	+000000+00
+110195-22	+680785-23	+339469-23	+261773-23
+195990-24	+108473-36	+000000+00	+000000+00
+110195-22	+680785-23	+339469-23	+261773-23
+195990-24	+108473-36	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	4	+100000+14

+840174-22	+419765-22	+851281-23	+655056-23
+490441-24	+271440-36	+000000+00	+000000+00
+954793-22	+534055-22	+196493-22	+151443-22
+113385-23	+627644-36	+000000+00	+000000+00
+108235-21	+661242-22	+320427-22	+247078-22
+184988-23	+102384-34	+000000+00	+000000+00
+110188-21	+680724-22	+339409-22	+261726-22
+195955-23	+108454-34	+000000+00	+000000+00
+110195-21	+680785-22	+339469-22	+261773-22
+195990-23	+108473-34	+000000+00	+000000+00
+110195-21	+680785-22	+339469-22	+261773-22
+195990-23	+108473-34	+000000+00	+000000+00
+110195-21	+680785-22	+339469-22	+261773-22
+195990-23	+108473-34	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	4	+300000+14

+252052-21	+125930-21	+255384-22	+196517-22
+147132-23	+814321-36	+000000+00	+000000+00
+286438-21	+160216-21	+589480-22	+454328-22
+340156-23	+188263-34	+000000+00	+000000+00
+324704-21	+198373-21	+961280-22	+741234-22
+554963-23	+307161-34	+000000+00	+000000+00
+330565-21	+204217-21	+101823-21	+785179-22
+687865-23	+326361-34	+000000+00	+000000+00
+330584-21	+204236-21	+101841-21	+785318-22
+687969-23	+326418-34	+000000+00	+000000+00
+330584-21	+204236-21	+101841-21	+785318-22
+687969-23	+326418-34	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	4	+100000+15

+840174-21	+419765-21	+851281-22	+655056-22
+490441-23	+271440-34	+000000+00	+000000+00
+954793-21	+534055-21	+196493-21	+151443-21
+113385-22	+627644-34	+000000+00	+000000+00
+108235-20	+661242-21	+320427-21	+247078-21
+184988-22	+102384-33	+000000+00	+000000+00
+110188-20	+680723-21	+339409-21	+261726-21
+195955-22	+108454-33	+000000+00	+000000+00
+110195-20	+680785-21	+339469-21	+261773-21
+195990-22	+108473-33	+000000+00	+000000+00
+110195-20	+680785-21	+339469-21	+261773-21
+195990-22	+108473-33	+000000+00	+000000+00
+110195-20	+680785-21	+339469-21	+261773-21
+195990-22	+108473-33	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	4	+300000+15

+252052-20	+125930-20	+255384-21	+196517-21
+147132-22	+814321-34	+000000+00	+000000+00
+286438-20	+160216-20	+589480-21	+454328-21
+340156-22	+188263-33	+000000+00	+000000+00
+324704-20	+198373-20	+961280-21	+741234-21
+554963-22	+307161-33	+000000+00	+000000+00
+330565-20	+204217-20	+101823-20	+785179-21
+687865-22	+326361-33	+000000+00	+000000+00
+330584-20	+204236-20	+101841-20	+785318-21
+687969-22	+326418-33	+000000+00	+000000+00
+330584-20	+204236-20	+101841-20	+785318-21
+687969-22	+326418-33	+000000+00	+000000+00
+330584-20	+204236-20	+101841-20	+785318-21
+687969-22	+326418-33	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	4	+100000+16

+840174-20	+419765-20	+851281-21	+655056-21
+490441-22	+271440-33	+000000+00	+000000+00
+954793-20	+534055-20	+196493-20	+151443-20
+113385-21	+627644-33	+000000+00	+000000+00
+108235-19	+661242-20	+320427-20	+247078-20
+184988-21	+102384-32	+000000+00	+000000+00
+110188-19	+680723-20	+339409-20	+261726-20
+195955-21	+108454-32	+000000+00	+000000+00
+110195-19	+680785-20	+339469-20	+261773-20
+195990-21	+108473-32	+000000+00	+000000+00
+110195-19	+680785-20	+339469-20	+261773-20
+195990-21	+108473-32	+000000+00	+000000+00
+110195-19	+680785-20	+339469-20	+261773-20
+195990-21	+108473-32	+000000+00	+000000+00

MOLYBDENUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
13	5	+100000+13

+378734-29	+383444-29	+425632-29	+690826-29
+909167-29	+331548-28	+581316-28	+581320-28
+186463-28	+187162-28	+193328-28	+231781-28
+276751-28	+100222-27	+174395-27	+174396-27
+792793-28	+793676-28	+800486-28	+845835-28
+978343-28	+342717-27	+581317-27	+581320-27
+294961-27	+295079-27	+296126-27	+304285-27
+358861-27	+109730-26	+174395-26	+174396-26
+191185-26	+191217-26	+191502-26	+194122-26
+217629-26	+428240-26	+581313-26	+581315-26
+115321-25	+115327-25	+115376-25	+115841-25
+120115-25	+162968-25	+174383-25	+174383-25
+520091-25	+520096-25	+520147-25	+520634-25
+526111-25	+569103-25	+581073-25	+581073-25

ELEMENT	FUNCTION	PHI
13	5	+100000+14

+378734-28	+383444-28	+425632-28	+690826-28
+909158-28	+331549-27	+581317-27	+581320-27
+186462-27	+187162-27	+193328-27	+231781-27
+276751-27	+100222-26	+174395-26	+174396-26
+792787-27	+793671-27	+800481-27	+845830-27
+978337-27	+342716-26	+581316-26	+581319-26
+294951-26	+295069-26	+296117-26	+304276-26
+358852-26	+109729-25	+174394-25	+174395-25
+191144-25	+191176-25	+191461-25	+194081-25
+217488-25	+428199-25	+581272-25	+581274-25
+115208-24	+115213-24	+115262-24	+115727-24
+120001-24	+162844-24	+174269-24	+174270-24
+517879-24	+517885-24	+517936-24	+518422-24
+522899-24	+566892-24	+578861-24	+578862-24

ELEMENT	FUNCTION	PHI
13	5	+300000+14

+113620-27	+115033-27	+127689-27	+207248-27
+272747-27	+994645-27	+174395-26	+174396-26
+559385-27	+561483-27	+579981-27	+695340-27
+830252-27	+300666-26	+623185-26	+623188-26
+237832-26	+238067-26	+240140-26	+253745-26
+293497-26	+102815-25	+174394-25	+174395-25
+884789-26	+885143-26	+888286-26	+912763-26
+107649-25	+329180-25	+523176-25	+523178-25
+573157-25	+573252-25	+574108-25	+581967-25
+652188-25	+128432-24	+174354-24	+174355-24
+344867-24	+344884-24	+345031-24	+346426-24
+359249-24	+467777-24	+622053-24	+622053-24
+153906-23	+153907-23	+153923-23	+154069-23
+155412-23	+166609-23	+172200-23	+172200-23

ELEMENT	FUNCTION	PHI
13	5	+100000+15

+378733-27	+383442-27	+425632-27	+690825-27
+909156-27	+331548-26	+581316-26	+581320-26
+186459-26	+187158-26	+193325-26	+231778-26
+276748-26	+100221-25	+174395-25	+174396-25
+792730-26	+793613-26	+800423-26	+845772-26
+978280-26	+342711-26	+581310-25	+581314-25
+294855-25	+294973-25	+296021-25	+304179-25
+358756-25	+109719-24	+174384-24	+174385-24
+190732-24	+190764-24	+191049-24	+193669-24
+217076-24	+427787-24	+580861-24	+580863-24
+114082-23	+114087-23	+114136-23	+114602-23
+118876-23	+161719-23	+173144-23	+173144-23
+496587-23	+496593-23	+496644-23	+497130-23
+501607-23	+536600-23	+557569-23	+557569-23

ELEMENT	FUNCTION	PHI
13	5	+300000+15

+113619-26	+115032-26	+127688-26	+207246-26
+272746-26	+994644-26	+174395-25	+174396-25
+559356-26	+561455-26	+579953-26	+695312-26
+830224-26	+300662-25	+623182-25	+623185-25
+237781-25	+238016-25	+240089-25	+253694-25
+293446-25	+102809-24	+174389-24	+174390-24
+883927-25	+884281-25	+887423-25	+911900-25
+107663-24	+329094-24	+523090-24	+523092-24
+569475-24	+569570-24	+570426-24	+578285-24
+648506-24	+128064-23	+173986-23	+173987-23
+334949-23	+334966-23	+335112-23	+336508-23
+349330-23	+447869-23	+512134-23	+512135-23
+136257-22	+136259-22	+136274-22	+136420-22
+137763-22	+147961-22	+154552-22	+154552-22

ELEMENT	FUNCTION	PHI
13	5	+100000+16

+378717-26	+383427-26	+425615-26	+690809-26
+909140-26	+331547-26	+581315-26	+581318-26
+186428-26	+187127-26	+193294-26	+231746-26
+276717-26	+100218-24	+174392-24	+174393-24
+792159-26	+792942-26	+799852-26	+845201-26
+977709-26	+342664-24	+581263-24	+581256-24
+293900-24	+294018-24	+295066-24	+303225-24
+357801-24	+109624-23	+174289-23	+174290-23
+186722-23	+186754-23	+187039-23	+189659-23
+213066-23	+423777-23	+576860-23	+576852-23
+103833-22	+103839-22	+103888-22	+104353-22
+108627-22	+141470-22	+162895-22	+162895-22
+346288-22	+346293-22	+346344-22	+346831-22
+351308-22	+386301-22	+407270-22	+407270-22

MOLYBDENUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
13	6	+100000+13

+369681-10	+210935-10	+775253-11	+597417-11
+447287-12	+247566-23	+000000+00	+000000+00
+474215-10	+315168-10	+179091-10	+138117-10
+103408-11	+672326-23	+000000+00	+000000+00
+590546-10	+431165-10	+292120-10	+225338-10
+168711-11	+933748-23	+000000+00	+000000+00
+608364-10	+448932-10	+309432-10	+238697-10
+178713-11	+989106-23	+000000+00	+000000+00
+608420-10	+448988-10	+309487-10	+238739-10
+178744-11	+989281-23	+000000+00	+000000+00
+608420-10	+448988-10	+309487-10	+238739-10
+178744-11	+989281-23	+000000+00	+000000+00
+608420-10	+448988-10	+309487-10	+238739-10
+178744-11	+989281-23	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	6	+100000+14

+369681-09	+210935-09	+775253-10	+597417-10
+447287-11	+247566-22	+000000+00	+000000+00
+474215-09	+315168-09	+179091-09	+138117-09
+103408-10	+672326-22	+000000+00	+000000+00
+590546-09	+431165-09	+292120-09	+225338-09
+168711-10	+933748-22	+000000+00	+000000+00
+608364-09	+448932-09	+309432-09	+238697-09
+178713-10	+989106-22	+000000+00	+000000+00
+608420-09	+448988-09	+309487-09	+238739-09
+178744-10	+989281-22	+000000+00	+000000+00
+608420-09	+448988-09	+309487-09	+238739-09
+178744-10	+989281-22	+000000+00	+000000+00
+608420-09	+448988-09	+309487-09	+238739-09
+178744-10	+989281-22	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	6	+300000+14

+110904-08	+632806-09	+232576-09	+179225-09
+134186-10	+742669-22	+000000+00	+000000+00
+142264-08	+945505-09	+537274-09	+414351-09
+310225-10	+171698-21	+000000+00	+000000+00
+177164-08	+129349-08	+876359-09	+676013-09
+506132-10	+280124-21	+000000+00	+000000+00
+182509-08	+134679-08	+928296-09	+716091-09
+536138-10	+296732-21	+000000+00	+000000+00
+182526-08	+134696-08	+928460-09	+716217-09
+536233-10	+296784-21	+000000+00	+000000+00
+182526-08	+134696-08	+928460-09	+716217-09
+536233-10	+296784-21	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	6	+100000+15

+369681-08	+210935-08	+775253-09	+597417-09
+447287-10	+247566-21	+000000+00	+000000+00
+474215-08	+315168-08	+179091-08	+138117-08
+103408-09	+672326-21	+000000+00	+000000+00
+590546-08	+431165-08	+292120-08	+225338-08
+168711-09	+933748-21	+000000+00	+000000+00
+608364-08	+448932-08	+309432-08	+238697-08
+178713-09	+989106-21	+000000+00	+000000+00
+608420-08	+448988-08	+309487-08	+238739-08
+178744-09	+989281-21	+000000+00	+000000+00
+608420-08	+448988-08	+309487-08	+238739-08
+178744-09	+989281-21	+000000+00	+000000+00
+608420-08	+448988-08	+309487-08	+238739-08
+178744-09	+989281-21	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	6	+300000+15

+110904-07	+632806-08	+232576-08	+179225-08
+134186-09	+742669-21	+000000+00	+000000+00
+142264-07	+945505-08	+537274-08	+414351-08
+310225-09	+171698-20	+000000+00	+000000+00
+177164-07	+129349-07	+876359-08	+676013-08
+506132-09	+280124-20	+000000+00	+000000+00
+182509-07	+134679-07	+928296-08	+716091-08
+536138-09	+296732-20	+000000+00	+000000+00
+182526-07	+134696-07	+928460-08	+716217-08
+536233-09	+296784-20	+000000+00	+000000+00
+182526-07	+134696-07	+928460-08	+716217-08
+536233-09	+296784-20	+000000+00	+000000+00
+182526-07	+134696-07	+928460-08	+716217-08
+536233-09	+296784-20	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	6	+100000+16

+369681-07	+210935-07	+775253-08	+597417-08
+447287-09	+247566-20	+000000+00	+000000+00
+474215-07	+315168-07	+179091-07	+138117-07
+103408-08	+672326-20	+000000+00	+000000+00
+590546-07	+431165-07	+292120-07	+225338-07
+168711-08	+933748-20	+000000+00	+000000+00
+608364-07	+448932-07	+309432-07	+238697-07
+178713-08	+989106-20	+000000+00	+000000+00
+608420-07	+448988-07	+309487-07	+238739-07
+178744-08	+989281-20	+000000+00	+000000+00
+608420-07	+448988-07	+309487-07	+238739-07
+178744-08	+989281-20	+000000+00	+000000+00

MOLYBDENUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
13	7	+100000+13

+211853-10	+100866-10	+867660-12	+663797-12
+496986-13	+275062-24	+000000+00	+000000+00
+223468-10	+112448-10	+199617-11	+153463-11
+114898-12	+635918-24	+000000+00	+000000+00
+236394-10	+125336-10	+325204-11	+250375-11
+187456-12	+103750-23	+000000+00	+000000+00
+238374-10	+127310-10	+344440-11	+265219-11
+198570-12	+109901-23	+000000+00	+000000+00
+238380-10	+127317-10	+344501-11	+265266-11
+198605-12	+109920-23	+000000+00	+000000+00
+238380-10	+127317-10	+344501-11	+265266-11
+198605-12	+109920-23	+000000+00	+000000+00
+238380-10	+127317-10	+344501-11	+265266-11
+198605-12	+109920-23	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	7	+100000+14

+211853-09	+100866-09	+867661-11	+663797-11
+496986-12	+275062-23	+000000+00	+000000+00
+223468-09	+112448-09	+199617-10	+153463-10
+114898-11	+635918-23	+000000+00	+000000+00
+236394-09	+125336-09	+325204-10	+250375-10
+187456-11	+103750-22	+000000+00	+000000+00
+238374-09	+127310-09	+344440-10	+265219-10
+198570-11	+109901-22	+000000+00	+000000+00
+238380-09	+127317-09	+344501-10	+265266-10
+198605-11	+109920-22	+000000+00	+000000+00
+238380-09	+127317-09	+344501-10	+265266-10
+198605-11	+109920-22	+000000+00	+000000+00
+238380-09	+127317-09	+344501-10	+265266-10
+198605-11	+109920-22	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	7	+300000+14

+635560-09	+302599-09	+260298-10	+199139-10
+149096-11	+825187-23	+000000+00	+000000+00
+670405-09	+337344-09	+598852-10	+460390-10
+344695-11	+190775-22	+000000+00	+000000+00
+709182-09	+376009-09	+975613-10	+751125-10
+562369-11	+311249-22	+000000+00	+000000+00
+715121-09	+381931-09	+103332-09	+795656-10
+595709-11	+329702-22	+000000+00	+000000+00
+715140-09	+381950-09	+103350-09	+795797-10
+595814-11	+329760-22	+000000+00	+000000+00
+715140-09	+381950-09	+103350-09	+795797-10
+595814-11	+329760-22	+000000+00	+000000+00
+715140-09	+381950-09	+103350-09	+795797-10
+595814-11	+329760-22	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	7	+100000+15

+211853-08	+100866-08	+867661-10	+663797-10
+496986-11	+275062-22	+000000+00	+000000+00
+223468-06	+112448-08	+199617-09	+153463-09
+114898-10	+635918-22	+000000+00	+000000+00
+236394-08	+125336-08	+325204-09	+250375-09
+187456-10	+103750-21	+000000+00	+000000+00
+238374-08	+127310-08	+344440-09	+265219-09
+198570-10	+109901-21	+000000+00	+000000+00
+238380-08	+127317-08	+344501-09	+265266-09
+198605-10	+109920-21	+000000+00	+000000+00
+238380-08	+127317-08	+344501-09	+265266-09
+198605-10	+109920-21	+000000+00	+000000+00
+238380-08	+127317-08	+344501-09	+265266-09
+198605-10	+109920-21	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	7	+300000+15

+635560-08	+302599-08	+260298-09	+199139-09
+149096-10	+825187-22	+000000+00	+000000+00
+670405-08	+337344-08	+598852-09	+460390-09
+344695-10	+190775-21	+000000+00	+000000+00
+709182-08	+376009-08	+975613-09	+751125-09
+562369-10	+311249-21	+000000+00	+000000+00
+715121-08	+381931-08	+103332-08	+795656-09
+595709-10	+329702-21	+000000+00	+000000+00
+715140-08	+381950-08	+103350-08	+795797-09
+595814-10	+329760-21	+000000+00	+000000+00
+715140-08	+381950-08	+103350-08	+795797-09
+595814-10	+329760-21	+000000+00	+000000+00
+715140-08	+381950-08	+103350-08	+795797-09
+595814-10	+329760-21	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	7	+100000+16

+211853-07	+100866-07	+867660-09	+663797-09
+496986-10	+275062-21	+000000+00	+000000+00
+223468-07	+112448-07	+199617-08	+153463-08
+114898-09	+635918-21	+000000+00	+000000+00
+236394-07	+125336-07	+325204-08	+250375-08
+187456-09	+103750-20	+000000+00	+000000+00
+238374-07	+127310-07	+344440-08	+265219-08
+198570-09	+109901-20	+000000+00	+000000+00
+238380-07	+127317-07	+344501-08	+265266-08
+198605-09	+109920-20	+000000+00	+000000+00
+238380-07	+127317-07	+344501-08	+265266-08
+198605-09	+109920-20	+000000+00	+000000+00
+238380-07	+127317-07	+344501-08	+265266-08
+198605-09	+109920-20	+000000+00	+000000+00

MOLYBDENUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
13	8	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	8	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	8	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	8	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	8	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	8	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

MOLYBDENUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
13	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
13	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

TECHNETIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
14	1	+100000+13

+500042-06	+501411-06	+551261-06	+123315-05
+336644-06	+363800-06	+363800-06	+363800-06
+354310-05	+355607-05	+370881-05	+528540-05
+102150-04	+106140-04	+106140-04	+106140-04
+238209-04	+238467-04	+241140-04	+266862-04
+347289-04	+363798-04	+363798-04	+363798-04
+938912-04	+939191-04	+942038-04	+969286-04
+105448-03	+106138-03	+106138-03	+106138-03
+341520-03	+341548-03	+341833-03	+344558-03
+363079-03	+363769-03	+363769-03	+363769-03
+104886-02	+104888-02	+104917-02	+105189-02
+106041-02	+106110-02	+106110-02	+106110-02
+352242-02	+352244-02	+352273-02	+352545-02
+363397-02	+363466-02	+363466-02	+363466-02

ELEMENT	FUNCTION	PHI
14	1	+100000+14

+500040-05	+501409-05	+551259-05	+123315-04
+336543-04	+363800-04	+363800-04	+363800-04
+354304-04	+355600-04	+370875-04	+528534-04
+102150-03	+106139-03	+106139-03	+106139-03
+238193-03	+238451-03	+241124-03	+266846-03
+347273-03	+363782-03	+363782-03	+363782-03
+938696-03	+938975-03	+941822-03	+969070-03
+105427-02	+106116-02	+106116-02	+106116-02
+341238-02	+341266-02	+341551-02	+344276-02
+362797-02	+363487-02	+363487-02	+363487-02
+104620-01	+104623-01	+104651-01	+104924-01
+105776-01	+105845-01	+105845-01	+105845-01
+349258-01	+349261-01	+349290-01	+349562-01
+360414-01	+360483-01	+360483-01	+360483-01

ELEMENT	FUNCTION	PHI
14	1	+300000+14

+150010-04	+150421-04	+165376-04	+369943-04
+100963-03	+106140-03	+106140-03	+106140-03
+106287-03	+106676-03	+111258-03	+158556-03
+306445-03	+318414-03	+318414-03	+318414-03
+714471-03	+715247-03	+723265-03	+800433-03
+104171-02	+106124-02	+106124-02	+106124-02
+281465-02	+281548-02	+282403-02	+290577-02
+316136-02	+318204-02	+318204-02	+318204-02
+102184-01	+102192-01	+102278-01	+103095-01
+105662-01	+105868-01	+105868-01	+105868-01
+312101-01	+312109-01	+312195-01	+313012-01
+315668-01	+315775-01	+315775-01	+315775-01
+102825+00	+102826+00	+102834+00	+102916+00
+103172+00	+103192+00	+103192+00	+103192+00

ELEMENT	FUNCTION	PHI
14	1	+100000+15

+500013-04	+501383-04	+551233-04	+123312-03
+336541-03	+363797-03	+363797-03	+363797-03
+354241-03	+355538-03	+370812-03	+528472-03
+102144-02	+106133-02	+106133-02	+106133-02
+238033-02	+238291-02	+240964-02	+266686-02
+347113-02	+363622-02	+363622-02	+363622-02
+936540-02	+936818-02	+939666-02	+966914-02
+105211-01	+105900-01	+105900-01	+105900-01
+338437-01	+338465-01	+338749-01	+341475-01
+349996-01	+350685-01	+350685-01	+350685-01
+102015+00	+102018+00	+102046+00	+102319+00
+103171+00	+103240+00	+103240+00	+103240+00
+321209+00	+321212+00	+321241+00	+321513+00
+322365+00	+322434+00	+322434+00	+322434+00

ELEMENT	FUNCTION	PHI
14	1	+300000+15

+149987-03	+150398-03	+165363-03	+369920-03
+100961-02	+106137-02	+106137-02	+106137-02
+106231-02	+106620-02	+111202-02	+158500-02
+306389-02	+318368-02	+318368-02	+318368-02
+713033-02	+713809-02	+721827-02	+798995-02
+104028-01	+105980-01	+105980-01	+105980-01
+279532-01	+279615-01	+280470-01	+288644-01
+314202-01	+316271-01	+316271-01	+316271-01
+996962-01	+997045-01	+997900-01	+100608+00
+103164+00	+103371+00	+103371+00	+103371+00
+289586+00	+289595+00	+289680+00	+290498+00
+293064+00	+293261+00	+293261+00	+293261+00
+806974+00	+806983+00	+807068+00	+807886+00
+810442+00	+810649+00	+810649+00	+810649+00

ELEMENT	FUNCTION	PHI
14	1	+100000+16

+499757-03	+501126-03	+550977-03	+123287-02
+336515-02	+363772-02	+363772-02	+363772-02
+353618-02	+354914-02	+370189-02	+527848-02
+102081-01	+106071-01	+106071-01	+106071-01
+236441-01	+236700-01	+239372-01	+265095-01
+345522-01	+362031-01	+362031-01	+362031-01
+915343-01	+915621-01	+918469-01	+945717-01
+103091+00	+103781+00	+103781+00	+103781+00
+312049+00	+312076+00	+312361+00	+315087+00
+323608+00	+324297+00	+324297+00	+324297+00
+802128+00	+802156+00	+802441+00	+805166+00
+813687+00	+814376+00	+814376+00	+814376+00
+158187+01	+158190+01	+158219+01	+158491+01
+159343+01	+159412+01	+159412+01	+159412+01

TECHNETIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
14	2	+100000+13

+148445-20	+909537-21	+212040-22	+193463-22
+147651-23	+817190-36	+000000+00	+000000+00
+151856-20	+943567-21	+544477-22	+452021-22
+341354-23	+188926-34	+000000+00	+000000+00
+155696-20	+981857-21	+917582-22	+739938-22
+556918-23	+308233-34	+000000+00	+000000+00
+156285-20	+987722-21	+974731-22	+784038-22
+589935-23	+326507-34	+000000+00	+000000+00
+156286-20	+987741-21	+974911-22	+784177-22
+590040-23	+326564-34	+000000+00	+000000+00
+156286-20	+987741-21	+974911-22	+784177-22
+590040-23	+326564-34	+000000+00	+000000+00
+156286-20	+987741-21	+974911-22	+784177-22
+590040-23	+326564-34	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
14	2	+100000+14

+148445-19	+909537-20	+212040-21	+193463-21
+147651-22	+817190-34	+000000+00	+000000+00
+151856-19	+943567-20	+544477-21	+452021-21
+341354-22	+188926-33	+000000+00	+000000+00
+155696-19	+981857-20	+917582-21	+739938-21
+556918-22	+308233-33	+000000+00	+000000+00
+156285-19	+987722-20	+974731-21	+784038-21
+589935-22	+326507-33	+000000+00	+000000+00
+156286-19	+987741-20	+974911-21	+784177-21
+590040-22	+326564-33	+000000+00	+000000+00
+156286-19	+987741-20	+974911-21	+784177-21
+590040-22	+326564-33	+000000+00	+000000+00
+156286-19	+987741-20	+974911-21	+784177-21
+590040-22	+326564-33	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
14	2	+300000+14

+445334-19	+272861-19	+636120-21	+580388-21
+442952-22	+245157-33	+000000+00	+000000+00
+455569-19	+283070-19	+163343-20	+135606-20
+102406-21	+566779-33	+000000+00	+000000+00
+467089-19	+294557-19	+275275-20	+221981-20
+167075-21	+924698-33	+000000+00	+000000+00
+468854-19	+296317-19	+292419-20	+235211-20
+176981-21	+979520-33	+000000+00	+000000+00
+468859-19	+296322-19	+292473-20	+235253-20
+177012-21	+979693-33	+000000+00	+000000+00
+468859-19	+296322-19	+292473-20	+235253-20
+177012-21	+979693-33	+000000+00	+000000+00
+468859-19	+296322-19	+292473-20	+235253-20
+177012-21	+979693-33	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
14	2	+100000+15

+148445-18	+909537-19	+212040-20	+193463-20
+147651-21	+817190-33	+000000+00	+000000+00
+151856-18	+943567-19	+544477-20	+452021-20
+341354-21	+188926-32	+000000+00	+000000+00
+155696-18	+981857-19	+917582-20	+739938-20
+556918-21	+308233-32	+000000+00	+000000+00
+156285-18	+987722-19	+974730-20	+784038-20
+589935-21	+326507-32	+000000+00	+000000+00
+156286-18	+987740-19	+974911-20	+784177-20
+590040-21	+326564-32	+000000+00	+000000+00
+156286-18	+987740-19	+974911-20	+784177-20
+590040-21	+326564-32	+000000+00	+000000+00
+156286-18	+987740-19	+974911-20	+784177-20
+590040-21	+326564-32	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
14	2	+300000+15

+445334-18	+272861-18	+636120-20	+580388-20
+442952-21	+245157-32	+000000+00	+000000+00
+455569-18	+283070-18	+163343-19	+135606-19
+102406-20	+566779-32	+000000+00	+000000+00
+467089-18	+294557-18	+275275-19	+221981-19
+167075-20	+924698-32	+000000+00	+000000+00
+468854-18	+296317-18	+292419-19	+235211-19
+176981-20	+979520-32	+000000+00	+000000+00
+468859-18	+296322-18	+292473-19	+235253-19
+177012-20	+979693-32	+000000+00	+000000+00
+468859-18	+296322-18	+292473-19	+235253-19
+177012-20	+979693-32	+000000+00	+000000+00
+468859-18	+296322-18	+292473-19	+235253-19
+177012-20	+979693-32	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
14	2	+100000+16

+148445-17	+909537-18	+212040-19	+193463-19
+147651-20	+817190-32	+000000+00	+000000+00
+151856-17	+943567-18	+544477-19	+452021-19
+341354-20	+188926-31	+000000+00	+000000+00
+155696-17	+981857-18	+917582-19	+739938-19
+556918-20	+308233-31	+000000+00	+000000+00
+156285-17	+987722-18	+974731-19	+784038-19
+589935-20	+326507-31	+000000+00	+000000+00
+156287-17	+987741-18	+974911-19	+784177-19
+590040-20	+326564-31	+000000+00	+000000+00
+156287-17	+987741-18	+974911-19	+784177-19
+590040-20	+326564-31	+000000+00	+000000+00
+156287-17	+987741-18	+974911-19	+784177-19
+590040-20	+326564-31	+000000+00	+000000+00

TECHNETIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
14	3	+100000+13	
+140822-23	+113801-23	+198856-25	+162836-25
+124276-26	+687821-38	+000000+00	+000000+00
+143694-23	+116665-23	+478665-25	+380462-25
+287316-26	+159018-37	+000000+00	+000000+00
+146926-23	+119888-23	+792704-25	+622799-25
+468753-26	+259437-37	+000000+00	+000000+00
+147421-23	+120381-23	+840806-25	+659917-25
+496543-26	+274818-37	+000000+00	+000000+00
+147422-23	+120383-23	+840958-25	+660035-25
+496631-26	+274866-37	+000000+00	+000000+00
+147422-23	+120383-23	+840958-25	+660035-25
+496631-26	+274866-37	+000000+00	+000000+00
+147422-23	+120383-23	+840958-25	+660035-25
+496631-26	+274866-37	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
14	3	+100000+14	
+140822-22	+113801-22	+198856-24	+162836-24
+124276-25	+687821-37	+000000+00	+000000+00
+143694-22	+116665-22	+478665-24	+380462-24
+287316-25	+159018-36	+000000+00	+000000+00
+146926-22	+119888-22	+792705-24	+622799-24
+468753-25	+259437-36	+000000+00	+000000+00
+147421-22	+120381-22	+840806-24	+659917-24
+496543-25	+274818-36	+000000+00	+000000+00
+147422-22	+120383-22	+840958-24	+660035-24
+496631-25	+274866-36	+000000+00	+000000+00
+147422-22	+120383-22	+840958-24	+660035-24
+496631-25	+274866-36	+000000+00	+000000+00
+147422-22	+120383-22	+840958-24	+660035-24
+496631-25	+274866-36	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
14	3	+300000+14	
+422466-22	+341402-22	+596568-24	+488507-24
+372829-25	+206346-36	+000000+00	+000000+00
+431081-22	+349994-22	+143600-23	+114139-23
+861944-25	+477063-36	+000000+00	+000000+00
+440777-22	+359663-22	+237811-23	+186840-23
+140626-24	+778310-36	+000000+00	+000000+00
+442263-22	+361144-22	+252242-23	+197975-23
+148963-24	+824453-36	+000000+00	+000000+00
+442267-22	+361148-22	+252287-23	+198010-23
+148989-24	+824599-36	+000000+00	+000000+00
+442267-22	+361148-22	+252287-23	+198010-23
+148989-24	+824599-36	+000000+00	+000000+00
+442267-22	+361148-22	+252287-23	+198010-23
+148989-24	+824599-36	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
14	3	+100000+15	
+140822-21	+113801-21	+198856-23	+162836-23
+124276-24	+687821-36	+000000+00	+000000+00
+143694-21	+116665-21	+478665-23	+380462-23
+287316-24	+159018-35	+000000+00	+000000+00
+146926-21	+119888-21	+792704-23	+622799-23
+468753-24	+259437-35	+000000+00	+000000+00
+147421-21	+120381-21	+840806-23	+659917-23
+496543-24	+274818-35	+000000+00	+000000+00
+147422-21	+120383-21	+840958-23	+660035-23
+496631-24	+274866-35	+000000+00	+000000+00
+147422-21	+120383-21	+840958-23	+660035-23
+496631-24	+274866-35	+000000+00	+000000+00
+147422-21	+120383-21	+840958-23	+660035-23
+496631-24	+274866-35	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
14	3	+300000+15	
+422466-21	+341402-21	+596568-23	+488507-23
+372829-24	+206346-35	+000000+00	+000000+00
+431081-21	+349994-21	+143600-22	+114139-22
+861944-24	+477063-35	+000000+00	+000000+00
+440777-21	+359663-21	+237811-22	+186840-22
+140626-23	+778310-35	+000000+00	+000000+00
+442262-21	+361144-21	+252242-22	+197975-22
+148963-23	+824453-35	+000000+00	+000000+00
+442267-21	+361149-21	+252287-22	+198010-22
+148989-23	+824599-35	+000000+00	+000000+00
+442267-21	+361149-21	+252287-22	+198010-22
+148989-23	+824599-35	+000000+00	+000000+00
+442267-21	+361149-21	+252287-22	+198010-22
+148989-23	+824599-35	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
14	3	+100000+16	
+140822-20	+113801-20	+198856-22	+162836-22
+124276-23	+687821-35	+000000+00	+000000+00
+143694-20	+116665-20	+478665-22	+380462-22
+287316-23	+159018-34	+000000+00	+000000+00
+146926-20	+119888-20	+792704-22	+622799-22
+468753-23	+259437-34	+000000+00	+000000+00
+147421-20	+120381-20	+840806-22	+659917-22
+496543-23	+274818-34	+000000+00	+000000+00
+147422-20	+120383-20	+840958-22	+660035-22
+496631-23	+274866-34	+000000+00	+000000+00
+147422-20	+120383-20	+840958-22	+660035-22
+496631-23	+274866-34	+000000+00	+000000+00

TECHNETIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
14	4	+100000+13

+778226-23	+433366-23	+254339-25	+162836-25
+124276-26	+687821-38	+000000+00	+000000+00
+781097-23	+436230-23	+534149-25	+380462-25
+287315-26	+159018-37	+000000+00	+000000+00
+784330-23	+439453-23	+848188-25	+622799-25
+468753-26	+259437-37	+000000+00	+000000+00
+784825-23	+439946-23	+896289-25	+659917-25
+496543-26	+274818-37	+000000+00	+000000+00
+784826-23	+439948-23	+896441-25	+660035-25
+496631-26	+274866-37	+000000+00	+000000+00
+784826-23	+439948-23	+896441-25	+660035-25
+496631-26	+274866-37	+000000+00	+000000+00
+784826-23	+439948-23	+896441-25	+660035-25
+496631-26	+274866-37	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
14	4	+100000+14

+778226-22	+433366-22	+254339-24	+162836-24
+124276-25	+687821-37	+000000+00	+000000+00
+781097-22	+436230-22	+534149-24	+380462-24
+287315-25	+159018-36	+000000+00	+000000+00
+784330-22	+439453-22	+848188-24	+622799-24
+468753-25	+259437-36	+000000+00	+000000+00
+784825-22	+439946-22	+896289-24	+659917-24
+496543-25	+274818-36	+000000+00	+000000+00
+784826-22	+439948-22	+896441-24	+660035-24
+496631-25	+274866-36	+000000+00	+000000+00
+784826-22	+439948-22	+896441-24	+660035-24
+496631-25	+274866-36	+000000+00	+000000+00
+784826-22	+439948-22	+896441-24	+660035-24
+496631-25	+274866-36	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
14	4	+300000+14

+233468-21	+130010-21	+763018-24	+488507-24
+372829-25	+206346-36	+000000+00	+000000+00
+234329-21	+130869-21	+160245-23	+114139-23
+861944-25	+477053-36	+000000+00	+000000+00
+235299-21	+131836-21	+254456-23	+186840-23
+140626-24	+778310-36	+000000+00	+000000+00
+235447-21	+131984-21	+268887-23	+197975-23
+148963-24	+824453-36	+000000+00	+000000+00
+235448-21	+131984-21	+268932-23	+198010-23
+148989-24	+824599-36	+000000+00	+000000+00
+235448-21	+131984-21	+268932-23	+198010-23
+148989-24	+824599-36	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
14	4	+100000+15

+778226-21	+433365-21	+254339-23	+162836-23
+124276-24	+687821-36	+000000+00	+000000+00
+781097-21	+436230-21	+534149-23	+380462-23
+287315-24	+159018-35	+000000+00	+000000+00
+784329-21	+439453-21	+848188-23	+622799-23
+468753-24	+259437-35	+000000+00	+000000+00
+784824-21	+439946-21	+896289-23	+659917-23
+496543-24	+274818-35	+000000+00	+000000+00
+784826-21	+439948-21	+896441-23	+660035-23
+496631-24	+274866-35	+000000+00	+000000+00
+784826-21	+439948-21	+896441-23	+660035-23
+496631-24	+274866-35	+000000+00	+000000+00
+784826-21	+439948-21	+896441-23	+660035-23
+496631-24	+274866-35	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
14	4	+300000+15

+233468-20	+130010-20	+763018-23	+488507-23
+372829-24	+206346-35	+000000+00	+000000+00
+234329-20	+130869-20	+160245-22	+114139-22
+861944-24	+477053-35	+000000+00	+000000+00
+235299-20	+131836-20	+254456-22	+186840-22
+140626-23	+778310-35	+000000+00	+000000+00
+235447-20	+131984-20	+268887-22	+197975-22
+148963-23	+824453-35	+000000+00	+000000+00
+235448-20	+131984-20	+268932-22	+198010-22
+148989-23	+824599-35	+000000+00	+000000+00
+235448-20	+131984-20	+268932-22	+198010-22
+148989-23	+824599-35	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
14	4	+100000+16

+778226-20	+433366-20	+254339-22	+162836-22
+124276-23	+687821-35	+000000+00	+000000+00
+781097-20	+436230-20	+534149-22	+380462-22
+287315-23	+159018-34	+000000+00	+000000+00
+784330-20	+439453-20	+848188-22	+622799-22
+468753-23	+259437-34	+000000+00	+000000+00
+784825-20	+439946-20	+896289-22	+659917-22
+496543-23	+274818-34	+000000+00	+000000+00
+784826-20	+439948-20	+896441-22	+660035-22
+496631-23	+274866-34	+000000+00	+000000+00
+784826-20	+439948-20	+896441-22	+660035-22
+496631-23	+274866-34	+000000+00	+000000+00

TECHNETIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
14	5	+100000+13

+843478-29	+859813-29	+100546-28	+230035-28
+639107-28	+672220-28	+672220-28	+672220-28
+655010-28	+658866-28	+693155-28	+994265-28
+194011-27	+201666-27	+201666-27	+201666-27
+449932-27	+450565-27	+456191-27	+505408-27
+659727-27	+672217-27	+672217-27	+672217-27
+178114-26	+178181-26	+178777-26	+183992-26
+200338-26	+201661-26	+201661-26	+201661-26
+648609-26	+648676-26	+649272-26	+654488-26
+670837-26	+672160-26	+672160-26	+672160-26
+199255-25	+199261-25	+199321-25	+199843-25
+201478-25	+201610-25	+201610-25	+201610-25
+669231-25	+669238-25	+669297-25	+669819-25
+671464-25	+671586-25	+671586-25	+671586-25

ELEMENT	FUNCTION	PHI
14	5	+100000+14

+843474-28	+859809-28	+100546-27	+230035-27
+639107-27	+672220-27	+672220-27	+672220-27
+654998-27	+658855-27	+693143-27	+994253-27
+194009-26	+201665-26	+201665-26	+201665-26
+449902-26	+450535-26	+456161-26	+505378-26
+659697-26	+672186-26	+672186-26	+672186-26
+178073-25	+178140-25	+178736-25	+183951-25
+200297-25	+201620-25	+201620-25	+201620-25
+648073-25	+648140-25	+648737-25	+653952-25
+670302-25	+671625-25	+671625-25	+671625-25
+198750-24	+198757-24	+198817-24	+199338-24
+200973-24	+201106-24	+201106-24	+201106-24
+663563-24	+663570-24	+663630-24	+664151-24
+665786-24	+665918-24	+665918-24	+665918-24

ELEMENT	FUNCTION	PHI
14	5	+300000+14

+253039-27	+257939-27	+301634-27	+690101-27
+191732-26	+201666-26	+201666-26	+201666-26
+196492-26	+197648-26	+207935-26	+298268-26
+582020-26	+604986-26	+604986-26	+604986-26
+134950-25	+135140-25	+136828-25	+151593-25
+197889-25	+201636-25	+201636-25	+201636-25
+533945-25	+534147-25	+535935-25	+551578-25
+600619-25	+604588-25	+604588-25	+604588-25
+194066-24	+194086-24	+194265-24	+195829-24
+200734-24	+201131-24	+201131-24	+201131-24
+592908-24	+592928-24	+593107-24	+594671-24
+599576-24	+599973-24	+599973-24	+599973-24
+195359-23	+195361-23	+195379-23	+195535-23
+196026-23	+196065-23	+196065-23	+196065-23

ELEMENT	FUNCTION	PHI
14	5	+100000+15

+843425-27	+859759-27	+100541-26	+230030-26
+639102-26	+672216-26	+672216-26	+672216-26
+654880-26	+658736-26	+693024-26	+994135-26
+193997-26	+201653-26	+201653-26	+201653-26
+449598-26	+450231-26	+455857-26	+505074-26
+659393-26	+671882-26	+671882-26	+671882-26
+177663-24	+177730-24	+178327-24	+183541-24
+199888-24	+201211-24	+201211-24	+201211-24
+642750-24	+642818-24	+643414-24	+648629-24
+664979-24	+666302-24	+666302-24	+666302-24
+193800-23	+193807-23	+193866-23	+194388-23
+196023-23	+196156-23	+196156-23	+196156-23
+610270-23	+610276-23	+610336-23	+610858-23
+612493-23	+612626-23	+612626-23	+612626-23

ELEMENT	FUNCTION	PHI
14	5	+300000+15

+252995-26	+257895-26	+301590-26	+690057-26
+191727-25	+201661-25	+201661-25	+201661-25
+196385-25	+197542-25	+207828-25	+298161-25
+581913-25	+604879-25	+604879-25	+604879-25
+134677-24	+134867-24	+136555-24	+151320-24
+197615-24	+201362-24	+201362-24	+201362-24
+530272-24	+530474-24	+532262-24	+547905-24
+596946-24	+600915-24	+600915-24	+600915-24
+189339-23	+189369-23	+189638-23	+191103-23
+196007-23	+196404-23	+196404-23	+196404-23
+550130-23	+550151-23	+550330-23	+551894-23
+556799-23	+557196-23	+557196-23	+557196-23
+153317-22	+153319-22	+153337-22	+153493-22
+153984-22	+154023-22	+154023-22	+154023-22

ELEMENT	FUNCTION	PHI
14	5	+100000+16

+842937-26	+859272-26	+100492-25	+229981-25
+639053-25	+672166-25	+672166-25	+672166-25
+653695-25	+657551-25	+691839-25	+992950-25
+193879-24	+201534-24	+201534-24	+201534-24
+446574-24	+447207-24	+452833-24	+502050-24
+656369-24	+668859-24	+668859-24	+668859-24
+173636-23	+173703-23	+174299-23	+179513-23
+195860-23	+197183-23	+197183-23	+197183-23
+592613-23	+592680-23	+593276-23	+598492-23
+614841-23	+616165-23	+616165-23	+616165-23
+152376-22	+152383-22	+152443-22	+152964-22
+154699-22	+154732-22	+154732-22	+154732-22
+300528-22	+300535-22	+300594-22	+301116-22
+302761-22	+302883-22	+302883-22	+302883-22

TECHNETIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI	
14	6	+100000+13	
+636545-12	+644316-12	+700867-12	+715812-12
+546307-13	+302360-24	+000000+00	+000000+00
+189887-11	+190342-11	+193088-11	+167248-11
+126301-12	+699028-24	+000000+00	+000000+00
+331969-11	+332015-11	+331137-11	+273777-11
+206060-12	+114046-23	+000000+00	+000000+00
+353731-11	+353715-11	+352282-11	+290094-11
+218276-12	+120807-23	+000000+00	+000000+00
+353800-11	+353784-11	+352349-11	+290145-11
+218315-12	+120829-23	+000000+00	+000000+00
+353800-11	+353784-11	+352349-11	+290145-11
+218315-12	+120829-23	+000000+00	+000000+00
+353800-11	+353784-11	+352349-11	+290145-11
+218315-12	+120829-23	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
14	6	+100000+14	
+636545-11	+644316-11	+700867-11	+715812-11
+546307-12	+302360-23	+000000+00	+000000+00
+189887-10	+190342-10	+193088-10	+167248-10
+126301-11	+699028-23	+000000+00	+000000+00
+331969-10	+332015-10	+331137-10	+273777-10
+206060-11	+114046-22	+000000+00	+000000+00
+353731-10	+353715-10	+352282-10	+290094-10
+218276-11	+120807-22	+000000+00	+000000+00
+353800-10	+353784-10	+352349-10	+290146-10
+218315-11	+120829-22	+000000+00	+000000+00
+353800-10	+353784-10	+352349-10	+290146-10
+218315-11	+120829-22	+000000+00	+000000+00
+353800-10	+353784-10	+352349-10	+290146-10
+218315-11	+120829-22	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
14	6	+300000+14	
+190963-10	+193295-10	+210260-10	+214744-10
+163892-11	+907080-23	+000000+00	+000000+00
+569660-10	+571026-10	+579265-10	+501744-10
+378903-11	+209708-22	+000000+00	+000000+00
+995906-10	+996046-10	+993412-10	+821331-10
+618179-11	+342138-22	+000000+00	+000000+00
+106119-09	+106115-09	+105685-09	+870282-10
+654828-11	+362422-22	+000000+00	+000000+00
+106140-09	+106135-09	+105705-09	+870436-10
+654944-11	+362486-22	+000000+00	+000000+00
+106140-09	+106135-09	+105705-09	+870436-10
+654944-11	+362486-22	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
14	6	+100000+15	
+636545-10	+644316-10	+700867-10	+715812-10
+546307-11	+302360-22	+000000+00	+000000+00
+189887-09	+190342-09	+193088-09	+167248-09
+126301-10	+699028-22	+000000+00	+000000+00
+331969-09	+332015-09	+331137-09	+273777-09
+206060-10	+114046-21	+000000+00	+000000+00
+353731-09	+353715-09	+352282-09	+290094-09
+218276-10	+120807-21	+000000+00	+000000+00
+353800-09	+353784-09	+352349-09	+290145-09
+218315-10	+120829-21	+000000+00	+000000+00
+353800-09	+353784-09	+352349-09	+290145-09
+218315-10	+120829-21	+000000+00	+000000+00
+353800-09	+353784-09	+352349-09	+290145-09
+218315-10	+120829-21	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
14	6	+300000+15	
+190964-09	+193295-09	+210260-09	+214744-09
+163892-10	+907080-22	+000000+00	+000000+00
+569660-09	+571026-09	+579265-09	+501744-09
+378903-10	+209708-21	+000000+00	+000000+00
+995906-09	+996046-09	+993412-09	+821331-09
+618179-10	+342138-21	+000000+00	+000000+00
+106119-08	+106115-08	+105685-08	+870282-09
+654828-10	+362422-21	+000000+00	+000000+00
+106140-08	+106135-08	+105705-08	+870437-09
+654944-10	+362486-21	+000000+00	+000000+00
+106140-08	+106135-08	+105705-08	+870437-09
+654944-10	+362486-21	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
14	6	+100000+16	
+636545-09	+644316-09	+700867-09	+715812-09
+546307-10	+302360-21	+000000+00	+000000+00
+189887-08	+190342-08	+193088-08	+167248-08
+126301-09	+699028-21	+000000+00	+000000+00
+331969-08	+332015-08	+331137-08	+273777-08
+206060-09	+114046-20	+000000+00	+000000+00
+353731-08	+353715-08	+352282-08	+290094-08
+218276-09	+120807-20	+000000+00	+000000+00
+353800-08	+353784-08	+352349-08	+290146-08
+218315-09	+120829-20	+000000+00	+000000+00
+353800-08	+353784-08	+352349-08	+290146-08
+218315-09	+120829-20	+000000+00	+000000+00

TECHNETIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI	
14	7	+100000+13	
+290000-10	+233739-10	+820226-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-10	+233739-10	+820226-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-10	+233739-10	+820226-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-10	+233739-10	+820226-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-10	+233739-10	+820226-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-10	+233739-10	+820226-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-10	+233739-10	+820226-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
14	7	+100000+14	
+290000-09	+233739-09	+820226-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-09	+233739-09	+820226-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-09	+233739-09	+820226-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-09	+233739-09	+820226-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-09	+233739-09	+820226-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-09	+233739-09	+820226-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-09	+233739-09	+820226-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
14	7	+300000+14	
+870000-09	+701216-09	+246068-11	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+870000-09	+701216-09	+246068-11	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+870000-09	+701216-09	+246068-11	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+870000-09	+701216-09	+246068-11	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+870000-09	+701216-09	+246068-11	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+870000-09	+701216-09	+246068-11	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+870000-09	+701216-09	+246068-11	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
14	7	+100000+15	
+290000-08	+233739-08	+820226-11	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-08	+233739-08	+820226-11	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-08	+233739-08	+820226-11	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-08	+233739-08	+820226-11	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-08	+233739-08	+820226-11	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-08	+233739-08	+820226-11	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-08	+233739-08	+820226-11	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
14	7	+300000+15	
+870000-08	+701216-08	+246068-10	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+870000-08	+701216-08	+246068-10	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+870000-08	+701216-08	+246068-10	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+870000-08	+701216-08	+246068-10	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+870000-08	+701216-08	+246068-10	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+870000-08	+701216-08	+246068-10	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+870000-08	+701216-08	+246068-10	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
14	7	+100000+16	
+290000-07	+233739-07	+820226-10	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-07	+233739-07	+820226-10	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-07	+233739-07	+820226-10	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-07	+233739-07	+820226-10	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-07	+233739-07	+820226-10	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-07	+233739-07	+820226-10	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+290000-07	+233739-07	+820226-10	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

TECHNETIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
14	8	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
14	8	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
14	8	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
14	8	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
14	8	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
14	8	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

TECHNETIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
14	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
14	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
14	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
14	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
14	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
14	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

RUTHENIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
15	1	+100000+13

+828847-05	+832576-05	+834075-05	+823463-05
+796453-05	+679130-05	+640439-05	+638000-05
+247239-04	+247605-04	+247692-04	+246047-04
+238130-04	+203592-04	+192130-04	+191400-04
+812787-04	+813132-04	+813033-04	+809548-04
+784883-04	+677011-04	+640417-04	+638002-04
+235976-03	+236006-03	+235955-03	+235199-03
+229022-03	+201911-03	+192111-03	+191402-03
+731566-03	+731589-03	+731473-03	+730069-03
+717989-03	+664292-03	+640222-03	+638030-03
+204828-02	+204830-02	+204816-02	+204649-02
+203197-02	+196518-02	+191964-02	+191428-02
+655808-02	+655809-02	+655794-02	+655619-02
+654084-02	+646673-02	+639302-02	+638315-02

ELEMENT	FUNCTION	PHI
15	1	+100000+14

+828847-04	+832576-04	+834075-04	+823464-04
+796453-04	+679130-04	+640440-04	+638000-04
+247240-03	+247605-03	+247692-03	+246047-03
+238130-03	+203592-03	+192131-03	+191401-03
+812802-03	+813147-03	+813048-03	+809562-03
+784897-03	+677026-03	+640432-03	+638016-03
+235996-02	+236026-02	+235975-02	+235219-02
+229042-02	+201931-02	+192131-02	+191422-02
+731832-02	+731855-02	+731738-02	+730335-02
+718254-02	+664557-02	+640487-02	+638295-02
+205079-01	+205081-01	+205067-01	+204900-01
+203448-01	+196768-01	+192215-01	+191679-01
+658626-01	+658628-01	+658613-01	+658438-01
+656903-01	+649492-01	+642121-01	+641134-01

ELEMENT	FUNCTION	PHI
15	1	+300000+14

+248654-03	+249773-03	+250223-03	+247039-03
+238936-03	+203739-03	+192132-03	+191400-03
+741722-03	+742820-03	+743080-03	+738145-03
+714394-03	+610780-03	+576396-03	+574205-03
+243850-02	+243954-02	+243924-02	+242878-02
+235479-02	+203117-02	+192139-02	+191414-02
+708123-02	+708212-02	+708059-02	+705791-02
+687261-02	+605928-02	+576529-02	+574402-02
+219726-01	+219733-01	+219698-01	+219277-01
+215653-01	+199544-01	+192323-01	+191665-01
+616898-01	+616904-01	+616861-01	+616361-01
+612006-01	+591967-01	+578306-01	+576697-01
+199431+00	+199432+00	+199427+00	+199374+00
+198914+00	+196691+00	+194479+00	+194183+00

ELEMENT	FUNCTION	PHI
15	1	+100000+15

+828848-03	+832577-03	+834076-03	+823465-03
+796454-03	+679131-03	+640441-03	+638001-03
+247245-02	+247610-02	+247697-02	+246052-02
+238135-02	+203597-02	+192136-02	+191405-02
+812947-02	+813292-02	+813193-02	+809707-02
+785042-02	+677170-02	+640576-02	+638161-02
+236197-01	+236227-01	+236176-01	+235420-01
+229243-01	+202133-01	+192333-01	+191624-01
+734471-01	+734493-01	+734377-01	+732974-01
+720893-01	+667196-01	+643126-01	+640934-01
+207537+00	+207539+00	+207524+00	+207358+00
+205906+00	+199226+00	+194673+00	+194136+00
+685026+00	+685027+00	+685012+00	+684837+00
+683302+00	+675891+00	+668520+00	+667533+00

ELEMENT	FUNCTION	PHI
15	1	+300000+15

+248655-02	+249774-02	+250224-02	+247040-02
+238937-02	+203740-02	+192133-02	+191401-02
+741767-02	+742864-02	+743125-02	+738189-02
+714438-02	+610824-02	+576440-02	+574249-02
+243980-01	+244084-01	+244054-01	+243009-01
+235609-01	+203247-01	+192269-01	+191545-01
+709927-01	+710017-01	+709864-01	+707595-01
+689066-01	+607733-01	+578333-01	+576206-01
+222067+00	+222074+00	+222039+00	+221618+00
+217994+00	+201885+00	+194664+00	+194006+00
+638080+00	+638086+00	+638043+00	+637543+00
+633187+00	+613148+00	+599488+00	+597879+00
+220060+01	+220061+01	+220056+01	+220004+01
+219543+01	+217320+01	+216109+01	+214813+01

ELEMENT	FUNCTION	PHI
15	1	+100000+16

+828859-02	+832588-02	+834087-02	+823476-02
+796465-02	+679142-02	+640452-02	+638012-02
+247294-01	+247660-01	+247746-01	+246101-01
+238184-01	+203646-01	+192185-01	+191455-01
+814386-01	+814731-01	+814632-01	+811146-01
+786481-01	+678610-01	+642016-01	+639600-01
+238174+00	+238204+00	+238153+00	+237397+00
+231220+00	+204109+00	+194309+00	+193600+00
+759224+00	+759247+00	+759130+00	+757727+00
+745646+00	+691950+00	+667879+00	+665687+00
+227844+01	+227846+01	+227831+01	+227665+01
+226213+01	+219633+01	+214980+01	+214443+01
+830968+01	+830970+01	+830954+01	+830779+01
+829244+01	+821833+01	+814463+01	+813476+01

RUTHENIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
15	2	+100000+13

+179434-21	+144825-21	+996222-22	+107086-22
+738092-23	+134789-23	+145047-24	+365154-34
+198783-21	+164089-21	+118258-21	+277995-22
+217223-22	+397108-23	+434185-25	+109306-33
+254641-21	+219936-21	+174008-21	+825881-22
+677789-22	+124374-22	+143621-24	+361564-33
+378333-21	+343604-21	+297462-21	+203923-21
+169847-21	+316201-22	+421655-24	+106126-32
+574757-21	+539991-21	+493516-21	+396671-21
+332564-21	+644542-22	+130343-23	+328139-32
+654537-21	+619758-21	+573168-21	+475195-21
+400792-21	+869610-22	+318892-23	+802809-32
+679994-21	+645215-21	+598618-21	+500575-21
+426497-21	+106641-21	+586895-23	+147751-31

ELEMENT	FUNCTION	PHI
15	2	+100000+14

+179434-20	+144825-20	+996222-21	+107086-21
+738092-22	+134789-22	+145047-24	+365154-33
+198783-20	+164089-20	+118258-20	+277995-21
+217223-21	+397108-22	+434185-24	+109306-32
+254641-20	+219936-20	+174008-20	+825881-21
+677789-21	+124374-21	+143621-23	+361564-32
+378333-20	+343604-20	+297462-20	+203923-20
+169847-20	+316201-21	+421655-23	+106126-31
+574757-20	+539991-20	+493516-20	+396671-20
+332564-20	+644542-21	+130343-22	+328139-31
+654537-20	+619758-20	+573168-20	+475195-20
+400792-20	+869610-21	+318892-22	+802809-31
+679994-20	+645215-20	+598618-20	+500575-20
+426497-20	+106641-20	+586895-22	+147751-30

ELEMENT	FUNCTION	PHI
15	2	+300000+14

+538301-20	+434474-20	+298867-20	+321257-21
+221428-21	+404367-22	+436140-24	+109546-32
+596350-20	+492267-20	+354775-20	+833986-21
+651670-21	+119132-21	+130255-23	+327917-32
+763923-20	+659808-20	+522024-20	+247764-20
+203337-20	+373121-21	+430862-23	+108469-31
+113500-19	+103081-19	+892386-20	+611768-20
+509641-20	+945604-21	+126466-22	+318379-31
+172427-19	+161997-19	+148055-19	+119001-19
+997661-20	+193363-20	+391029-22	+984416-31
+196361-19	+185927-19	+171951-19	+142559-19
+120238-19	+260853-20	+956675-22	+240843-30
+203998-19	+193564-19	+179586-19	+150173-19
+127649-19	+319622-20	+176068-21	+443252-30

ELEMENT	FUNCTION	PHI
15	2	+100000+15

+179434-19	+144825-19	+996222-20	+107086-20
+738092-21	+134789-21	+145047-23	+365154-32
+198783-19	+164089-19	+118258-19	+277995-20
+217223-20	+397108-21	+434185-23	+109306-31
+254641-19	+219936-19	+174008-19	+825881-20
+677789-20	+124374-20	+143621-22	+361564-31
+378333-19	+343604-19	+297462-19	+203923-19
+169847-19	+316201-20	+421655-22	+106126-30
+574757-19	+539991-19	+493516-19	+396671-19
+332564-19	+644542-20	+130343-21	+328139-30
+654537-19	+619758-19	+573168-19	+475195-19
+400792-19	+869610-20	+318892-21	+802809-30
+679994-19	+645215-19	+598618-19	+500575-19
+426497-19	+106641-19	+586895-21	+147751-29

ELEMENT	FUNCTION	PHI
15	2	+300000+15

+538301-19	+434474-19	+298867-19	+321257-20
+221428-20	+404367-21	+436140-23	+109546-31
+596350-19	+492267-19	+354775-19	+833986-20
+651670-20	+119132-20	+130255-22	+327917-31
+763923-19	+659808-19	+522024-19	+247764-19
+203337-19	+373121-20	+430862-22	+108469-30
+113500-18	+103081-18	+892386-19	+611768-19
+509641-19	+945604-20	+126466-21	+318379-30
+172427-18	+161997-18	+148055-18	+119001-18
+997661-19	+193363-19	+391029-21	+984416-30
+196361-18	+185927-18	+171951-18	+142559-18
+120238-18	+260853-19	+956675-21	+240843-29
+203998-18	+193564-18	+179586-18	+150173-18
+127649-18	+319622-19	+176068-20	+443252-29

ELEMENT	FUNCTION	PHI
15	2	+100000+16

+179434-18	+144825-18	+996222-19	+107086-19
+738092-20	+134789-20	+145047-22	+365154-31
+198783-18	+164089-18	+118258-18	+277995-19
+217223-19	+397108-20	+434185-22	+109306-30
+254641-18	+219936-18	+174008-18	+825881-19
+677789-19	+124374-19	+143621-21	+361564-30
+378333-18	+343604-18	+297462-18	+203923-18
+169847-18	+316201-19	+421655-21	+106126-29
+574757-18	+539991-18	+493516-18	+396671-18
+332564-18	+644542-19	+130343-20	+328139-29
+654537-18	+619758-18	+573168-18	+475195-18
+400792-18	+869610-19	+318892-20	+802809-29
+679994-18	+645215-18	+598618-18	+500575-18
+426497-18	+106641-18	+586895-20	+147751-28

RUTHENIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
15	3	+100000+13

+623447-24	+598358-24	+414935-24	+325451-25
+203346-25	+348449-26	+760650-34	+000000+00
+679893-24	+654443-24	+468361-24	+797730-25
+598273-25	+102619-25	+223795-33	+000000+00
+833964-24	+808483-24	+622130-24	+230852-24
+186474-24	+319638-25	+697538-33	+000000+00
+117372-23	+114817-23	+961222-24	+564015-24
+465759-24	+798116-25	+174225-32	+000000+00
+170211-23	+167646-23	+148858-23	+108215-23
+900104-24	+154240-24	+336700-32	+000000+00
+187808-23	+185239-23	+166420-23	+125470-23
+104475-23	+179026-24	+390807-32	+000000+00
+188164-23	+185596-23	+166776-23	+125820-23
+104768-23	+179628-24	+391902-32	+000000+00

ELEMENT	FUNCTION	PHI
15	3	+100000+14

+623447-23	+598358-23	+414935-23	+325451-24
+203346-24	+348449-25	+760650-33	+000000+00
+679893-23	+654443-23	+468361-23	+797730-24
+598273-24	+102619-24	+223795-32	+000000+00
+833964-23	+808483-23	+622130-23	+230852-23
+186474-23	+319638-24	+697638-32	+000000+00
+117372-22	+114817-22	+961222-23	+564015-23
+465759-23	+798116-24	+174226-31	+000000+00
+170211-22	+167646-22	+148858-22	+108215-22
+900104-23	+154240-23	+336700-31	+000000+00
+187808-22	+185239-22	+166420-22	+125470-22
+104475-22	+179026-23	+390807-31	+000000+00
+188164-22	+185596-22	+166776-22	+125820-22
+104768-22	+179628-23	+391902-31	+000000+00

ELEMENT	FUNCTION	PHI
15	3	+300000+14

+187034-22	+179607-22	+124480-22	+976354-24
+610037-24	+104636-24	+228196-32	+000000+00
+203968-22	+196333-22	+140508-22	+239319-23
+179482-23	+307667-24	+671384-32	+000000+00
+250189-22	+242545-22	+186639-22	+692555-23
+559422-23	+958614-24	+209261-31	+000000+00
+352116-22	+344452-22	+288367-22	+169204-22
+139728-22	+239436-23	+622676-31	+000000+00
+510634-22	+502939-22	+446574-22	+324645-22
+270031-22	+462720-23	+101010-30	+000000+00
+563424-22	+555718-22	+499260-22	+376411-22
+313425-22	+537079-23	+117242-30	+000000+00
+564493-22	+556787-22	+500327-22	+377459-22
+314303-22	+538584-23	+117671-30	+000000+00

ELEMENT	FUNCTION	PHI
15	3	+100000+15

+623447-22	+598358-22	+414935-22	+325451-23
+203346-23	+348449-24	+760650-32	+000000+00
+679893-22	+654443-22	+468361-22	+797730-23
+598273-23	+102619-23	+223795-31	+000000+00
+833964-22	+808483-22	+622130-22	+230852-22
+186474-22	+319638-23	+697538-31	+000000+00
+117372-21	+114817-21	+961222-22	+564015-22
+465759-22	+798116-23	+174225-30	+000000+00
+170211-21	+167646-21	+148858-21	+108215-21
+900104-22	+154240-22	+336700-30	+000000+00
+187808-21	+185239-21	+166420-21	+125470-21
+104475-21	+179026-22	+390807-30	+000000+00
+188164-21	+185596-21	+166776-21	+125820-21
+104768-21	+179628-22	+391902-30	+000000+00

ELEMENT	FUNCTION	PHI
15	3	+300000+15

+187034-21	+179607-21	+124480-21	+976354-23
+610037-23	+104636-23	+228196-31	+000000+00
+203968-21	+196333-21	+140508-21	+239319-22
+179482-22	+307667-23	+671384-31	+000000+00
+250189-21	+242545-21	+186639-21	+692555-22
+559422-22	+958614-23	+209261-30	+000000+00
+352116-21	+344452-21	+288367-21	+169204-21
+139728-21	+239436-22	+622676-30	+000000+00
+510634-21	+502939-21	+446574-21	+324646-21
+270031-21	+462720-22	+101010-29	+000000+00
+563424-21	+555718-21	+499260-21	+376411-21
+313425-21	+537079-22	+117242-29	+000000+00
+564493-21	+556787-21	+500327-21	+377459-21
+314303-21	+538584-22	+117671-29	+000000+00

ELEMENT	FUNCTION	PHI
15	3	+100000+16

+623447-21	+598358-21	+414935-21	+325451-22
+203346-22	+348449-23	+760650-31	+000000+00
+679893-21	+654443-21	+468361-21	+797730-22
+598273-22	+102619-22	+223795-30	+000000+00
+833964-21	+808483-21	+622130-21	+230852-21
+186474-21	+319638-22	+697538-30	+000000+00
+117372-20	+114817-20	+961222-21	+564015-21
+465759-21	+798116-22	+174225-29	+000000+00
+170211-20	+167646-20	+148858-20	+108215-20
+900104-21	+154240-21	+336700-29	+000000+00
+187808-20	+185239-20	+166420-20	+125470-20
+104475-20	+179026-21	+390807-29	+000000+00
+188164-20	+185596-20	+166776-20	+125820-20
+104768-20	+179628-21	+391902-29	+000000+00

RUTHENIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
15	4	+100000+13

+111817-23	+919502-24	+624994-24	+410302-25
+237838-25	+408199-26	+112636-29	+283539-38
+118720-23	+987979-24	+689440-24	+963077-25
+699759-25	+120102-25	+337165-29	+848748-38
+136740-23	+116814-23	+869286-24	+273009-24
+218111-24	+374390-25	+111628-28	+280751-37
+176481-23	+156548-23	+126593-23	+662716-24
+544823-24	+936474-25	+327353-28	+824058-37
+238319-23	+218374-23	+188309-23	+126910-23
+105323-23	+181060-24	+101214-27	+254796-36
+259024-23	+239075-23	+208974-23	+147216-23
+122364-23	+211099-24	+247620-27	+623373-36
+259628-23	+239679-23	+209577-23	+147811-23
+122890-23	+213193-24	+456722-27	+114727-35

ELEMENT	FUNCTION	PHI
15	4	+100000+14

+111817-22	+919502-23	+624994-23	+410302-24
+237838-24	+408199-25	+112636-28	+283539-37
+118720-22	+987979-23	+689440-23	+963077-24
+699759-24	+120102-24	+337165-28	+848748-37
+136740-22	+116814-22	+869286-23	+273009-23
+218111-23	+374390-24	+111628-27	+280751-36
+176481-22	+156548-22	+126593-22	+662716-23
+544823-23	+936474-24	+327362-27	+824058-36
+238319-22	+218374-22	+188309-22	+126910-22
+105323-22	+181060-23	+101214-26	+254796-35
+259024-22	+239075-22	+208974-22	+147216-22
+122364-22	+211099-23	+247620-26	+623373-35
+259628-22	+239679-22	+209577-22	+147811-22
+122890-22	+213193-23	+456722-26	+114727-34

ELEMENT	FUNCTION	PHI
15	4	+300000+14

+335451-22	+275851-22	+187498-22	+123091-23
+713513-24	+122460-24	+337908-28	+850616-37
+356159-22	+296394-22	+206832-22	+288923-23
+209928-23	+360307-24	+101150-27	+254624-36
+410219-22	+350443-22	+260786-22	+819027-23
+654334-23	+112317-23	+334584-27	+842253-36
+529444-22	+469645-22	+379778-22	+198815-22
+163447-22	+280642-23	+982057-27	+247218-35
+714958-22	+655122-22	+564928-22	+380731-22
+315970-22	+543181-23	+303642-26	+764388-35
+777072-22	+717225-22	+626922-22	+441647-22
+367091-22	+633297-23	+742861-26	+187012-34
+778885-22	+719037-22	+628732-22	+443434-22
+368670-22	+639679-23	+136717-25	+344180-34

ELEMENT	FUNCTION	PHI
15	4	+100000+15

+111817-21	+919502-22	+624994-22	+410302-23
+237838-23	+408199-24	+112636-27	+283539-36
+118720-21	+987979-22	+689440-22	+963077-23
+699759-23	+120102-23	+337165-27	+848748-36
+136740-21	+116814-21	+869286-22	+273009-22
+218111-22	+374390-23	+111628-26	+280751-35
+176481-21	+156548-21	+126593-21	+662716-22
+544823-22	+936474-23	+327353-26	+824059-35
+238319-21	+218374-21	+188309-21	+126910-21
+105323-21	+181060-22	+101214-25	+254796-34
+259024-21	+239075-21	+208974-21	+147216-21
+122364-21	+211099-22	+247620-25	+623373-34
+259628-21	+239679-21	+209577-21	+147811-21
+122890-21	+213193-22	+456722-25	+114727-33

ELEMENT	FUNCTION	PHI
15	4	+300000+15

+335451-21	+275851-21	+187498-21	+123091-22
+713513-23	+122460-23	+337908-27	+850616-36
+356159-21	+296394-21	+206832-21	+288923-22
+209928-22	+360307-23	+101150-26	+254624-35
+410219-21	+350443-21	+260786-21	+819027-22
+654334-22	+112317-22	+334584-26	+842253-35
+529444-21	+469645-21	+379778-21	+198815-21
+163447-21	+280642-22	+982058-26	+247218-34
+714958-21	+655122-21	+564928-21	+380731-21
+315970-21	+543181-22	+303642-25	+764388-34
+777072-21	+717225-21	+626922-21	+441647-21
+367091-21	+633297-22	+742861-25	+187012-33
+778885-21	+719037-21	+628732-21	+443434-21
+368670-21	+639679-22	+136717-24	+344180-33

ELEMENT	FUNCTION	PHI
15	4	+100000+16

+111817-20	+919502-21	+624994-21	+410302-22
+237838-22	+408199-23	+112636-26	+283539-35
+118720-20	+987979-21	+689440-21	+963077-22
+699759-22	+120102-22	+337165-26	+848748-35
+136740-20	+116814-20	+869286-21	+273009-21
+218111-21	+374390-22	+111628-25	+280751-34
+176481-20	+156548-20	+126593-20	+662716-21
+544823-21	+936474-22	+327362-25	+824059-34
+238319-20	+218374-20	+188309-20	+126910-20
+105323-20	+181060-21	+101214-24	+254796-33
+259024-20	+239075-20	+208974-20	+147216-20
+122364-20	+211099-21	+247620-24	+623373-33
+259628-20	+239679-20	+209577-20	+147811-20
+122890-20	+213193-21	+456722-24	+114727-32

RUTHENIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
15	5	+100000+13

+105799-28	+106654-28	+107877-28	+107880-28
+107880-28	+107880-28	+107880-28	+107880-28
+321559-28	+322414-28	+323637-28	+323640-28
+323640-28	+323640-28	+323640-28	+323640-28
+107672-27	+107757-27	+107880-27	+107880-27
+107880-27	+107880-27	+107880-27	+107880-27
+323431-27	+323517-27	+323639-27	+323639-27
+323639-27	+323639-27	+323639-27	+323639-27
+107859-26	+107867-26	+107879-26	+107879-26
+107879-26	+107879-26	+107879-26	+107879-26
+323613-26	+323622-26	+323634-26	+323634-26
+323634-26	+323634-26	+323634-26	+323634-26
+107871-25	+107872-25	+107873-25	+107874-25
+107874-25	+107874-25	+107874-25	+107874-25

ELEMENT	FUNCTION	PHI
15	5	+100000+14

+105799-27	+106664-27	+107877-27	+107880-27
+107880-27	+107880-27	+107880-27	+107880-27
+321559-27	+322414-27	+323637-27	+323639-27
+323639-27	+323639-27	+323639-27	+323639-27
+107671-26	+107757-26	+107879-26	+107879-26
+107879-26	+107879-26	+107879-26	+107879-26
+323426-26	+323512-26	+323634-26	+323634-26
+323634-26	+323634-26	+323634-26	+323634-26
+107853-25	+107861-25	+107873-25	+107874-25
+107874-25	+107874-25	+107874-25	+107874-25
+323561-25	+323569-25	+323581-25	+323581-25
+323581-25	+323581-25	+323581-25	+323581-25
+107813-24	+107814-24	+107815-24	+107815-24
+107815-24	+107815-24	+107815-24	+107815-24

ELEMENT	FUNCTION	PHI
15	5	+300000+14

+317397-27	+319962-27	+323631-27	+323639-27
+323639-27	+323639-27	+323639-27	+323639-27
+964673-27	+967237-27	+970907-27	+970915-27
+970915-27	+970915-27	+970915-27	+970915-27
+323010-26	+323266-26	+323633-26	+323634-26
+323634-26	+323634-26	+323634-26	+323634-26
+970243-26	+970500-26	+970867-26	+970867-26
+970867-26	+970867-26	+970867-26	+970867-26
+323519-25	+323545-25	+323581-25	+323582-25
+323582-25	+323582-25	+323582-25	+323582-25
+970331-25	+970357-25	+970393-25	+970393-25
+970393-25	+970393-25	+970393-25	+970393-25
+323049-24	+323052-24	+323055-24	+323055-24
+323056-24	+323056-24	+323055-24	+323055-24

ELEMENT	FUNCTION	PHI
15	5	+100000+15

+105799-26	+106653-26	+107877-26	+107879-26
+107879-26	+107879-26	+107879-26	+107879-26
+321553-26	+322408-26	+323631-26	+323634-26
+323634-26	+323634-26	+323634-26	+323634-26
+107665-25	+107751-25	+107873-25	+107874-25
+107874-25	+107874-25	+107874-25	+107874-25
+323373-25	+323459-25	+323581-25	+323582-25
+323582-25	+323582-25	+323582-25	+323582-25
+107794-24	+107803-24	+107815-24	+107815-24
+107815-24	+107815-24	+107815-24	+107815-24
+323035-24	+323043-24	+323055-24	+323055-24
+323056-24	+323056-24	+323056-24	+323055-24
+107230-23	+107231-23	+107232-23	+107232-23
+107232-23	+107232-23	+107232-23	+107232-23

ELEMENT	FUNCTION	PHI
15	5	+300000+15

+317392-26	+319957-26	+323626-26	+323634-26
+323634-26	+323634-26	+323634-26	+323634-26
+964626-26	+967190-26	+970860-26	+970868-26
+970868-26	+970868-26	+970868-26	+970868-26
+322958-25	+323214-25	+323581-25	+323582-25
+323582-25	+323582-25	+323582-25	+323582-25
+969770-25	+970026-25	+970393-25	+970394-25
+970394-25	+970394-25	+970394-25	+970394-25
+322993-24	+323019-24	+323056-24	+323056-24
+323056-24	+323056-24	+323056-24	+323056-24
+965610-24	+965636-24	+965672-24	+965672-24
+965672-24	+965672-24	+965672-24	+965672-24
+317853-23	+317856-23	+317860-23	+317860-23
+317860-23	+317860-23	+317860-23	+317860-23

ELEMENT	FUNCTION	PHI
15	5	+100000+16

+105793-25	+106648-25	+107871-25	+107874-25
+107874-25	+107874-25	+107874-25	+107874-25
+321502-25	+322356-25	+323579-25	+323582-25
+323582-25	+323582-25	+323582-25	+323582-25
+107607-24	+107693-24	+107815-24	+107815-24
+107815-24	+107815-24	+107815-24	+107815-24
+322848-24	+322934-24	+323056-24	+323056-24
+323056-24	+323056-24	+323056-24	+323056-24
+107212-23	+107220-23	+107233-23	+107233-23
+107233-23	+107233-23	+107233-23	+107233-23
+317839-23	+317848-23	+317860-23	+317860-23
+317860-23	+317860-23	+317860-23	+317860-23
+101639-22	+101639-22	+101641-22	+101641-22
+101641-22	+101641-22	+101641-22	+101641-22

RUTHENIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
15	6	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
15	6	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
15	6	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
15	6	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
15	6	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
15	6	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

RUTHENIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
15	7	+100000+13

+545788-11	+524214-11	+366489-11	+375378-12
+254938-12	+436867-13	+953641-21	+000000+00
+613246-11	+591358-11	+431314-11	+967024-12
+750066-12	+128530-12	+280575-20	+000000+00
+806407-11	+784481-11	+624095-11	+286112-11
+233786-11	+400611-12	+874516-20	+000000+00
+123237-10	+121036-10	+104922-10	+703805-11
+583930-11	+100061-11	+218429-19	+000000+00
+189482-10	+187268-10	+171038-10	+135340-10
+112848-10	+193374-11	+422126-19	+000000+00
+211543-10	+209325-10	+193056-10	+156973-10
+130982-10	+224449-11	+489962-19	+000000+00
+211990-10	+209772-10	+193502-10	+157411-10
+131349-10	+225078-11	+491335-19	+000000+00

ELEMENT	FUNCTION	PHI
15	7	+100000+14

+545788-10	+524214-10	+366489-10	+375378-11
+254938-11	+436867-12	+953641-20	+000000+00
+613246-10	+591358-10	+431314-10	+967024-11
+750066-11	+128530-11	+280575-19	+000000+00
+806407-10	+784481-10	+624095-10	+286112-10
+233786-10	+400611-11	+874516-19	+000000+00
+123237-09	+121036-09	+104922-09	+703805-10
+583931-10	+100061-10	+218429-18	+000000+00
+189482-09	+187268-09	+171038-09	+135340-09
+112848-09	+193374-10	+422126-18	+000000+00
+211543-09	+209325-09	+193056-09	+156973-09
+130982-09	+224449-10	+489962-18	+000000+00
+211990-09	+209772-09	+193502-09	+157411-09
+131349-09	+225078-10	+491335-18	+000000+00

ELEMENT	FUNCTION	PHI
15	7	+300000+14

+163736-09	+157264-09	+109947-09	+112613-10
+764814-11	+131057-11	+286092-19	+000000+00
+183974-09	+177407-09	+129394-09	+290107-10
+225020-10	+385590-11	+841726-19	+000000+00
+241922-09	+235344-09	+187229-09	+858337-10
+701357-10	+120183-10	+262355-18	+000000+00
+369710-09	+363107-09	+314767-09	+211142-09
+175179-09	+300184-10	+655288-18	+000000+00
+568447-09	+561805-09	+513114-09	+406021-09
+338543-09	+580121-10	+126638-17	+000000+00
+634630-09	+627976-09	+579168-09	+470920-09
+392947-09	+673346-10	+146989-17	+000000+00
+635970-09	+629316-09	+580505-09	+472234-09
+394048-09	+676233-10	+147401-17	+000000+00

ELEMENT	FUNCTION	PHI
15	7	+100000+15

+545788-09	+524214-09	+366489-09	+375378-10
+254938-10	+436867-11	+953641-19	+000000+00
+613246-09	+591358-09	+431314-09	+967024-10
+750066-10	+128530-10	+280575-18	+000000+00
+806407-09	+784481-09	+624095-09	+286112-09
+233786-09	+400611-10	+874516-18	+000000+00
+123237-08	+121036-08	+104922-08	+703805-09
+583931-09	+100061-09	+218429-17	+000000+00
+189482-08	+187268-08	+171038-08	+135340-08
+112848-08	+193374-09	+422126-17	+000000+00
+211543-08	+209325-08	+193056-08	+156973-08
+130982-08	+224449-09	+489962-17	+000000+00
+211990-08	+209772-08	+193502-08	+157411-08
+131349-08	+225078-09	+491335-17	+000000+00

ELEMENT	FUNCTION	PHI
15	7	+300000+15

+163736-08	+157264-08	+109947-08	+112613-09
+764814-10	+131057-10	+286092-18	+000000+00
+183974-08	+177407-08	+129394-08	+290107-09
+225020-09	+385590-10	+841726-18	+000000+00
+241922-08	+235344-08	+187229-08	+858337-09
+701357-09	+120183-09	+262355-17	+000000+00
+369710-08	+363107-08	+314767-08	+211142-08
+175179-08	+300184-09	+655288-17	+000000+00
+568447-08	+561805-08	+513114-08	+406021-08
+338543-08	+580121-09	+126638-16	+000000+00
+634630-08	+627976-08	+579168-08	+470920-08
+392947-08	+673346-09	+146989-16	+000000+00
+635970-08	+629316-08	+580505-08	+472234-08
+394048-08	+676233-09	+147401-16	+000000+00

ELEMENT	FUNCTION	PHI
15	7	+100000+16

+545788-08	+524214-08	+366489-08	+375378-09
+254938-09	+436867-10	+953641-18	+000000+00
+613246-08	+591358-08	+431314-08	+967024-09
+750066-09	+128530-09	+280575-17	+000000+00
+806407-08	+784481-08	+624095-08	+286112-08
+233786-08	+400611-09	+874516-17	+000000+00
+123237-07	+121036-07	+104922-07	+703805-08
+583931-08	+100061-08	+218429-16	+000000+00
+189482-07	+187268-07	+171038-07	+135340-07
+112848-07	+193374-08	+422126-16	+000000+00
+211543-07	+209325-07	+193056-07	+156973-07
+130982-07	+224449-08	+489962-16	+000000+00
+211990-07	+209772-07	+193502-07	+157411-07
+131349-07	+225078-08	+491335-16	+000000+00

RUTHENIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
15	8	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
15	8	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
15	8	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
15	8	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
15	8	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
15	8	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

RUTHENIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
15	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
15	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
15	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
15	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
15	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
15	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

RHODIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
16	1	+100000+13

+345493-06	+348413-06	+369474-06	+320073-06
+315218-06	+144738-06	+168200-06	+168200-06
+907274-06	+908625-06	+915950-06	+768517-06
+102233-06	+435672-06	+504600-06	+504600-06
+253416-05	+253635-05	+255151-05	+250389-05
+427008-06	+146684-04	+168199-04	+168199-04
+133016-04	+133083-04	+133635-04	+137130-04
+191036-04	+450842-04	+504581-04	+504581-04
+954122-04	+954258-04	+955437-04	+965141-04
+107646-03	+167761-03	+168146-03	+168146-03
+419205-03	+419220-03	+419359-03	+420536-03
+433448-03	+491733-03	+503787-03	+503787-03
+158584-02	+158586-02	+158600-02	+158718-02
+160013-02	+166867-02	+167066-02	+167066-02

ELEMENT	FUNCTION	PHI
16	1	+100000+14

+345493-05	+348413-05	+369474-05	+320073-05
+315217-05	+144738-04	+168200-04	+168200-04
+907256-05	+908606-05	+915931-05	+768499-05
+102231-04	+435670-04	+504598-04	+504598-04
+253346-04	+253566-04	+255081-04	+250319-04
+426938-04	+146677-03	+168192-03	+168192-03
+132843-03	+132910-03	+133462-03	+136957-03
+190862-03	+450669-03	+504408-03	+504408-03
+949303-03	+949439-03	+950618-03	+960321-03
+107065-02	+167279-02	+167664-02	+167664-02
+411981-02	+411997-02	+412136-02	+413313-02
+426224-02	+484509-02	+496663-02	+496563-02
+148850-01	+148852-01	+148866-01	+148984-01
+150279-01	+166123-01	+167332-01	+167332-01

ELEMENT	FUNCTION	PHI
16	1	+300000+14

+103647-04	+104523-04	+110842-04	+960214-05
+945648-05	+434214-04	+504599-04	+504599-04
+272164-04	+272569-04	+274767-04	+230537-04
+306682-04	+130670-03	+151378-03	+151378-03
+759575-04	+760233-04	+764780-04	+750492-04
+128035-03	+439986-03	+504530-03	+504530-03
+397380-03	+397579-03	+399235-03	+409721-03
+571436-03	+136086-02	+151207-02	+151207-02
+281615-02	+281656-02	+282010-02	+284921-02
+318018-02	+468662-02	+499818-02	+499818-02
+118959-01	+118963-01	+119005-01	+119358-01
+123232-01	+140717-01	+144333-01	+144333-01
+389844-01	+389849-01	+389891-01	+390245-01
+394130-01	+411666-01	+416291-01	+415291-01

ELEMENT	FUNCTION	PHI
16	1	+100000+15

+345486-04	+348406-04	+369467-04	+320066-04
+315211-04	+144738-03	+168199-03	+168199-03
+907067-04	+908417-04	+915742-04	+768310-04
+102213-03	+435551-03	+504579-03	+504579-03
+252652-03	+252871-03	+254387-03	+249624-03
+426244-03	+146608-02	+168123-02	+168123-02
+131133-02	+131199-02	+131751-02	+135246-02
+189151-02	+448959-02	+502697-02	+502697-02
+902987-02	+903124-02	+904303-02	+914006-02
+102433-01	+152648-01	+163033-01	+163033-01
+348363-01	+348379-01	+348518-01	+349695-01
+362606-01	+420891-01	+432945-01	+432945-01
+851446-01	+851462-01	+851601-01	+852783-01
+865732-01	+924180-01	+936268-01	+936268-01

ELEMENT	FUNCTION	PHI
16	1	+300000+15

+103642-03	+104518-03	+110836-03	+960156-04
+945590-04	+434208-03	+504594-03	+504594-03
+271995-03	+272400-03	+274597-03	+230368-03
+306512-03	+130663-02	+151361-02	+151361-02
+753374-03	+754031-03	+758579-03	+744291-03
+127415-02	+439365-02	+503910-02	+503910-02
+382366-02	+382565-02	+384221-02	+394706-02
+556422-02	+133584-01	+149706-01	+149706-01
+243364-01	+243405-01	+243758-01	+246670-01
+279767-01	+430410-01	+461566-01	+461566-01
+748074-01	+748121-01	+748538-01	+752069-01
+790803-01	+965658-01	+100182+00	+100182+00
+110837+00	+110842+00	+110883+00	+111238+00
+116123+00	+132657+00	+136283+00	+136283+00

ELEMENT	FUNCTION	PHI
16	1	+100000+16

+345421-03	+348341-03	+369402-03	+320001-03
+315146-03	+144731-02	+168193-02	+168193-02
+905200-03	+906551-03	+913876-03	+766443-03
+102026-02	+435366-02	+504392-02	+504392-02
+245956-02	+246175-02	+247691-02	+242928-02
+419548-02	+145938-01	+167453-01	+167453-01
+115819-01	+115886-01	+116438-01	+119933-01
+173838-01	+433646-01	+487384-01	+487384-01
+580625-01	+580761-01	+581940-01	+591644-01
+701967-01	+120411+00	+130797+00	+130797+00
+108914+00	+108930+00	+109068+00	+110246+00
+123167+00	+181442+00	+193496+00	+193496+00
+113202+00	+113218+00	+113357+00	+114539+00
+127488+00	+186936+00	+198024+00	+198024+00

RHODIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
16	2	+100000+13

+229325-21	+216757-21	+150265-21	+489399-22
+736370-23	+128683-23	+145047-25	+365155-34
+309464-21	+296497-21	+226609-21	+101746-21
+213315-22	+379143-23	+434185-25	+109306-33
+394912-21	+381765-21	+310296-21	+172951-21
+653348-22	+118775-22	+143621-24	+361565-33
+513478-21	+500304-21	+428594-21	+288936-21
+162513-21	+301216-22	+421565-24	+106126-32
+700643-21	+687434-21	+615406-21	+472605-21
+317609-21	+617515-22	+130343-23	+328139-32
+777340-21	+764118-21	+691982-21	+548105-21
+383312-21	+838139-22	+318892-23	+802810-32
+802735-21	+789512-21	+717369-21	+573424-21
+407966-21	+103395-21	+586895-23	+147751-31

ELEMENT	FUNCTION	PHI
16	2	+100000+14

+229325-20	+216757-20	+150265-20	+489399-21
+736370-22	+128683-22	+145047-24	+365155-33
+309464-20	+296497-20	+226609-20	+101746-20
+213315-21	+379143-22	+434185-24	+109306-32
+394912-20	+381765-20	+310296-20	+172951-20
+653348-21	+118775-21	+143621-23	+361565-32
+513478-20	+500304-20	+428594-20	+288936-20
+162513-20	+301216-21	+421565-23	+106126-31
+700643-20	+687434-20	+615406-20	+472605-20
+317609-20	+617515-21	+130343-22	+328139-31
+777340-20	+764118-20	+691982-20	+548105-20
+383312-20	+838139-21	+318892-22	+802810-31
+802735-20	+789512-20	+717369-20	+573424-20
+407966-20	+103395-20	+586895-22	+147751-30

ELEMENT	FUNCTION	PHI
16	2	+300000+14

+687976-20	+650271-20	+450796-20	+146820-20
+220911-21	+386049-22	+435141-24	+109546-32
+928393-20	+889491-20	+679826-20	+305239-20
+639944-21	+113743-21	+130255-23	+327918-32
+118474-19	+114529-19	+930889-20	+518852-20
+196004-20	+356324-21	+430862-23	+108469-31
+154044-19	+150091-19	+128578-19	+866807-20
+487540-20	+903647-21	+126466-22	+318379-31
+210193-19	+206230-19	+184622-19	+141781-19
+952826-20	+185254-20	+391030-22	+984417-31
+233202-19	+229235-19	+207594-19	+164432-19
+114994-19	+251442-20	+956676-22	+240843-30
+240820-19	+236854-19	+215211-19	+172027-19
+122390-19	+310185-20	+176069-21	+443252-30

ELEMENT	FUNCTION	PHI
16	2	+100000+15

+229325-19	+216757-19	+150265-19	+489399-20
+736370-21	+128683-21	+145047-23	+365155-32
+309464-19	+296497-19	+226609-19	+101746-19
+213315-20	+379143-21	+434185-23	+109306-31
+394912-19	+381765-19	+310296-19	+172951-19
+653348-20	+118775-20	+143621-22	+361565-31
+513478-19	+500304-19	+428594-19	+288936-19
+162513-19	+301216-20	+421565-22	+106126-30
+700643-19	+687434-19	+615406-19	+472605-19
+317609-19	+617515-20	+130343-21	+328139-30
+777339-19	+764118-19	+691982-19	+548105-19
+383312-19	+838139-20	+318892-21	+802810-30
+802735-19	+789512-19	+717369-19	+573424-19
+407966-19	+103395-19	+586895-21	+147751-29

ELEMENT	FUNCTION	PHI
16	2	+300000+15

+687976-19	+650271-19	+450796-19	+146820-19
+220911-20	+386049-21	+435141-23	+109546-31
+928393-19	+889491-19	+679826-19	+305239-19
+639944-20	+113743-20	+130255-22	+327918-31
+118474-18	+114529-18	+930889-19	+518852-19
+196004-19	+356324-20	+430862-22	+108469-30
+154044-18	+150091-18	+128578-18	+866807-19
+487540-19	+903647-20	+126466-21	+318379-30
+210193-18	+206230-18	+184622-18	+141781-18
+952826-19	+185254-19	+391030-21	+984417-30
+233202-18	+229235-18	+207594-18	+164432-18
+114994-18	+251442-19	+956676-21	+240843-29
+240820-18	+236854-18	+215211-18	+172027-18
+122390-18	+310185-19	+176069-20	+443252-29

ELEMENT	FUNCTION	PHI
16	2	+100000+16

+229325-18	+216757-18	+150265-18	+489399-19
+736370-20	+128683-20	+145047-22	+365155-31
+309464-18	+296497-18	+226609-18	+101746-18
+213315-19	+379143-20	+434185-22	+109306-30
+394912-18	+381765-18	+310296-18	+172951-18
+653348-19	+118775-19	+143621-21	+361565-30
+513478-18	+500304-18	+428594-18	+288936-18
+162513-18	+301216-19	+421565-21	+106126-29
+700643-18	+687434-18	+615406-18	+472605-18
+317609-18	+617515-19	+130343-20	+328139-29
+777340-18	+764118-18	+691982-18	+548105-18
+383312-18	+838139-19	+318892-20	+802810-29
+802735-18	+789512-18	+717369-18	+573424-18
+407966-18	+103395-18	+586895-20	+147751-28

RHODIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
16	3	+100000+13

+118081-24	+113988-24	+816826-25	+109635-25
+188922-26	+436868-27	+214937-28	+641105-37
+135529-24	+131312-24	+980128-25	+220895-25
+560357-26	+129037-26	+643396-28	+161975-36
+155383-24	+151131-24	+117528-24	+391910-25
+170299-25	+411090-26	+212824-27	+535785-36
+186577-24	+182319-24	+148660-24	+697828-25
+431247-26	+109422-26	+624680-27	+157263-36
+240860-24	+236594-24	+202857-24	+123215-24
+895885-26	+263920-26	+193149-26	+486253-35
+280226-24	+275956-24	+242190-24	+162251-24
+125887-24	+486214-25	+472550-26	+118964-34
+316355-24	+312084-24	+278310-24	+198295-24
+161186-24	+774256-25	+869690-26	+218945-34

ELEMENT	FUNCTION	PHI
16	3	+100000+14

+118081-23	+113988-23	+816826-24	+109635-24
+188922-25	+436868-26	+214937-27	+641105-36
+135529-23	+131312-23	+980128-24	+220895-24
+560357-25	+129037-25	+643396-27	+161975-35
+155383-23	+151131-23	+117528-23	+391910-24
+170299-24	+411090-25	+212824-26	+535785-35
+186577-23	+182319-23	+148660-23	+697828-24
+431247-24	+109422-24	+624680-26	+157263-34
+240860-23	+236594-23	+202857-23	+123215-23
+895885-24	+263920-24	+193149-25	+486253-34
+280226-23	+275956-23	+242190-23	+162251-23
+125887-23	+486214-24	+472550-25	+118964-33
+316355-23	+312084-23	+278310-23	+198295-23
+161186-23	+774256-24	+869690-25	+218945-33

ELEMENT	FUNCTION	PHI
16	3	+300000+14

+354243-23	+341963-23	+245048-23	+328905-24
+566767-25	+130760-25	+644812-27	+162331-35
+406586-23	+393935-23	+294038-23	+662685-24
+165107-24	+387111-25	+193019-26	+485925-35
+466148-23	+453393-23	+352583-23	+117573-23
+510897-24	+123327-24	+638473-26	+160735-34
+559732-23	+546958-23	+445980-23	+209349-23
+129374-23	+328266-24	+187404-25	+471790-34
+722581-23	+709782-23	+608572-23	+369646-23
+268766-23	+791761-24	+579447-25	+145876-33
+840678-23	+827869-23	+726569-23	+486753-23
+377661-23	+146864-23	+141765-24	+356893-33
+949064-23	+936252-23	+834929-23	+594885-23
+483664-23	+232277-23	+260907-24	+656834-33

ELEMENT	FUNCTION	PHI
16	3	+100000+15

+118081-22	+113988-22	+816826-23	+109635-23
+188922-24	+436868-25	+214937-26	+641105-35
+135529-22	+131312-22	+980128-23	+220895-23
+560357-24	+129037-24	+643396-26	+161975-34
+155383-22	+151131-22	+117528-22	+391910-23
+170299-23	+411090-24	+212824-25	+535785-34
+186577-22	+182319-22	+148660-22	+697828-23
+431247-23	+109422-23	+624680-25	+157263-33
+240860-22	+236594-22	+202857-22	+123215-22
+895885-23	+263920-23	+193149-24	+486253-33
+280226-22	+275956-22	+242190-22	+162251-22
+125887-22	+486214-23	+472550-24	+118964-32
+316355-22	+312084-22	+278310-22	+198295-22
+161186-22	+774256-23	+869690-24	+218945-32

ELEMENT	FUNCTION	PHI
16	3	+300000+15

+354243-22	+341963-22	+245048-22	+328905-23
+566767-24	+130760-24	+644812-26	+162331-34
+406586-22	+393935-22	+294038-22	+662685-23
+165107-23	+387111-24	+193019-25	+485925-34
+466148-22	+453393-22	+352583-22	+117573-22
+510897-23	+123327-23	+638473-25	+160735-33
+559732-22	+546958-22	+445980-22	+209349-22
+129374-22	+328266-23	+187404-24	+471790-33
+722581-22	+709782-22	+608572-22	+369646-22
+268766-22	+791761-23	+579447-24	+145876-32
+840678-22	+827869-22	+726569-22	+486753-22
+377661-22	+146864-22	+141765-23	+356893-32
+949064-22	+936252-22	+834929-22	+594885-22
+483664-22	+232277-22	+260907-23	+656834-32

ELEMENT	FUNCTION	PHI
16	3	+100000+16

+118081-21	+113988-21	+816826-22	+109635-22
+188922-23	+436868-24	+214937-25	+641105-34
+135529-21	+131312-21	+980128-22	+220895-22
+560357-23	+129037-23	+643396-25	+161975-33
+155383-21	+151131-21	+117528-21	+391910-22
+170299-22	+411090-23	+212824-24	+535785-33
+186577-21	+182319-21	+148660-21	+697828-22
+431247-22	+109422-22	+624680-24	+157263-32
+240860-21	+236594-21	+202857-21	+123215-21
+895885-22	+263920-22	+193149-23	+486253-32
+280226-21	+275956-21	+242190-21	+162251-21
+125887-21	+486214-22	+472550-23	+118964-31
+316355-21	+312084-21	+278310-21	+198295-21
+161186-21	+774256-22	+869690-23	+218945-31

RHODIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
16	4	+100000+13

+264304-24	+240725-24	+140595-24	+537017-25
+305405-26	+108970-26	+111767-27	+281374-36
+350222-24	+326179-24	+222053-24	+106085-24
+860250-26	+324756-26	+334566-27	+842269-36
+410730-24	+386468-24	+280422-24	+149480-24
+258148-26	+105849-26	+110669-26	+278608-35
+458434-24	+434161-24	+328014-24	+196179-24
+671859-26	+299447-26	+324834-26	+817769-35
+562252-24	+537969-24	+431735-24	+299038-24
+162107-24	+851470-26	+100437-25	+252851-34
+707525-24	+683236-24	+576952-24	+443747-24
+302008-24	+192369-24	+245726-25	+618615-34
+894189-24	+869897-24	+763575-24	+629997-24
+484566-24	+341981-24	+452239-25	+113851-33

ELEMENT	FUNCTION	PHI
16	4	+100000+14

+264304-23	+240725-23	+140595-23	+537018-24
+305405-25	+108970-26	+111767-26	+281374-35
+350222-23	+326179-23	+222053-23	+106085-23
+860250-25	+324756-25	+334566-26	+842269-35
+410730-23	+386468-23	+280422-23	+149480-23
+258148-24	+105849-24	+110669-25	+278608-34
+458434-23	+434161-23	+328014-23	+196179-23
+671859-24	+299447-24	+324834-25	+817769-34
+562252-23	+537969-23	+431735-23	+299038-23
+162107-23	+851470-24	+100437-24	+252851-33
+707525-23	+683236-23	+576952-23	+443747-23
+302008-23	+192369-23	+245726-24	+618615-33
+894189-23	+869897-23	+763575-23	+629997-23
+484566-23	+341981-23	+452239-24	+113851-32

ELEMENT	FUNCTION	PHI
16	4	+300000+14

+792912-23	+722175-23	+421786-23	+161105-23
+916215-25	+326909-25	+335302-26	+844123-35
+105067-22	+978538-23	+666159-23	+318254-23
+258075-24	+974265-25	+100370-25	+252681-34
+123219-22	+115941-22	+841267-23	+448441-23
+774445-24	+317547-24	+332006-25	+835824-34
+137530-22	+130248-22	+984043-23	+588538-23
+201558-23	+898340-24	+974501-25	+245331-33
+168676-22	+161391-22	+129521-22	+897113-23
+486320-23	+255441-23	+301312-24	+758554-33
+212257-22	+204971-22	+173085-22	+133124-22
+906023-23	+577106-23	+737178-24	+185584-32
+268257-22	+260969-22	+229072-22	+188999-22
+145370-22	+102594-22	+135672-23	+341553-32

ELEMENT	FUNCTION	PHI
16	4	+100000+15

+264304-22	+240725-22	+140595-22	+537018-23
+305405-24	+108970-24	+111767-25	+281374-34
+350222-22	+326179-22	+222053-22	+106085-22
+860250-24	+324756-24	+334566-25	+842269-34
+410730-22	+386468-22	+280422-22	+149480-22
+258148-23	+105849-23	+110669-24	+278608-33
+458434-22	+434161-22	+328014-22	+196179-22
+671859-23	+299447-23	+324834-24	+817769-33
+562252-22	+537969-22	+431735-22	+299038-22
+162107-22	+851470-23	+100437-23	+252851-32
+707525-22	+683236-22	+576952-22	+443747-22
+302008-22	+192369-22	+245726-23	+618615-32
+894189-22	+869897-22	+763575-22	+629997-22
+484566-22	+341981-22	+452239-23	+113851-31

ELEMENT	FUNCTION	PHI
16	4	+300000+15

+792912-22	+722175-22	+421786-22	+161105-22
+916215-24	+326909-24	+335302-25	+844123-34
+105067-21	+978538-22	+666158-22	+318254-22
+258075-23	+974265-24	+100370-24	+252681-33
+123219-21	+115941-21	+841267-22	+448441-22
+774445-23	+317547-23	+332006-24	+835824-33
+137530-21	+130248-21	+984043-22	+588538-22
+201558-22	+898340-23	+974501-24	+245331-32
+168676-21	+161391-21	+129521-21	+897113-22
+486320-22	+255441-22	+301312-23	+758554-32
+212257-21	+204971-21	+173085-21	+133124-21
+906023-22	+577106-22	+737178-23	+185584-31
+268257-21	+260969-21	+229072-21	+188999-21
+145370-21	+102594-21	+135672-22	+341553-31

ELEMENT	FUNCTION	PHI
16	4	+100000+16

+264304-21	+240725-21	+140595-21	+537018-22
+305405-23	+108970-23	+111767-24	+281374-33
+350222-21	+326179-21	+222053-21	+106085-21
+860250-23	+324756-23	+334566-24	+842269-33
+410730-21	+386468-21	+280422-21	+149480-21
+258148-22	+105849-22	+110669-23	+278608-32
+458434-21	+434161-21	+328014-21	+196179-21
+671859-22	+299447-22	+324834-23	+817769-32
+562252-21	+537969-21	+431735-21	+299038-21
+162107-21	+851470-22	+100437-22	+252851-31
+707525-21	+683236-21	+576952-21	+443747-21
+302008-21	+192369-21	+245726-22	+618615-31
+894189-21	+869897-21	+763575-21	+629997-21
+484566-21	+341981-21	+452239-22	+113851-30

RHODIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
16	5	+100000+13

+224912-29	+229615-29	+272970-29	+709233-29
+467467-28	+217077-27	+252300-27	+252300-27
+211928-28	+213350-28	+226243-28	+354622-28
+162131-27	+663268-27	+756900-27	+756900-27
+229865-27	+230312-27	+234346-27	+274362-27
+638004-27	+219990-26	+252299-26	+252299-26
+184112-26	+184224-26	+185233-26	+195228-26
+286066-26	+676193-26	+756871-26	+756871-26
+141531-25	+141552-25	+141747-25	+143679-25
+161232-26	+236628-25	+252219-25	+252219-25
+627204-25	+627229-25	+627455-25	+629697-25
+650071-25	+737683-25	+755680-25	+755680-25
+237716-24	+237718-24	+237741-24	+237966-24
+240009-24	+248786-24	+250599-24	+250599-24

ELEMENT	FUNCTION	PHI
16	5	+100000+14

+224903-28	+229607-28	+272962-28	+709224-28
+467466-27	+217077-26	+252300-26	+252300-26
+211900-27	+213322-27	+226215-27	+354594-27
+162128-26	+663265-26	+756897-26	+756897-26
+229760-26	+230208-26	+234241-26	+274258-26
+637900-26	+219988-25	+252288-25	+252288-25
+183853-25	+183965-25	+184973-25	+194969-25
+285796-25	+676934-25	+756612-25	+756612-25
+140808-24	+140829-24	+141024-24	+142956-24
+160509-24	+236906-24	+251496-24	+251496-24
+616368-24	+616393-24	+616619-24	+618862-24
+639235-24	+726747-24	+744844-24	+744844-24
+223115-23	+223117-23	+223140-23	+223365-23
+226408-23	+234183-23	+235998-23	+235998-23

ELEMENT	FUNCTION	PHI
16	5	+300000+14

+674645-28	+688754-28	+818821-28	+212761-27
+140239-26	+661229-26	+756899-26	+756899-26
+635510-27	+639777-27	+678456-27	+106359-26
+466366-26	+196978-25	+227067-25	+227067-25
+688584-26	+689927-26	+702028-26	+822077-26
+191300-25	+659893-25	+756795-25	+756795-25
+549834-25	+550170-25	+553196-25	+583181-25
+855664-25	+202608-24	+226811-24	+226811-24
+417660-24	+417725-24	+418310-24	+424105-24
+476763-24	+702952-24	+749726-24	+749726-24
+177957-23	+177964-23	+178032-23	+178705-23
+184817-23	+211071-23	+216500-23	+216500-23
+584285-23	+584293-23	+584361-23	+585036-23
+691166-23	+617492-23	+622936-23	+622936-23

ELEMENT	FUNCTION	PHI
16	5	+100000+15

+224805-27	+229509-27	+272864-27	+709127-27
+467456-26	+217076-25	+252299-25	+252299-25
+211617-26	+213039-26	+225932-26	+354311-26
+162100-25	+663237-25	+756869-25	+756869-25
+228718-25	+229166-25	+233199-25	+273216-25
+636858-25	+219883-24	+252184-24	+252184-24
+181287-24	+181399-24	+182407-24	+192403-24
+283230-24	+673368-24	+754046-24	+754046-24
+133860-23	+133882-23	+134077-23	+136009-23
+163662-23	+228968-23	+244549-23	+244549-23
+520942-23	+520967-23	+521193-23	+523435-23
+543809-23	+631321-23	+649418-23	+649418-23
+127557-22	+127559-22	+127582-22	+127807-22
+129850-22	+138626-22	+140440-22	+140440-22

ELEMENT	FUNCTION	PHI
16	5	+300000+15

+673774-27	+687884-27	+817947-27	+212674-26
+140230-25	+661221-25	+756890-25	+756890-25
+632971-26	+637238-26	+675918-26	+106105-25
+466112-25	+195952-24	+227042-24	+227042-24
+679282-25	+680625-25	+692726-25	+812775-25
+190370-24	+658963-24	+755865-24	+755865-24
+527312-24	+527649-24	+530674-24	+560660-24
+833142-24	+200366-23	+224559-23	+224559-23
+360283-23	+360348-23	+360933-23	+366728-23
+419386-23	+646675-23	+692349-23	+692349-23
+111730-22	+111738-22	+111806-22	+112478-22
+118590-22	+144844-22	+150273-22	+150273-22
+165774-22	+165782-22	+165850-22	+166524-22
+172654-22	+198981-22	+204425-22	+204425-22

ELEMENT	FUNCTION	PHI
16	5	+100000+16

+223832-26	+228534-26	+271890-26	+708153-26
+467359-25	+217066-24	+252289-24	+252289-24
+208817-25	+210239-25	+223133-25	+351511-25
+151820-24	+652967-24	+756589-24	+756589-24
+218674-24	+219122-24	+223156-24	+263172-24
+626814-24	+218879-23	+261180-23	+261180-23
+158317-23	+158429-23	+159438-23	+169433-23
+260260-23	+660398-23	+731076-23	+731076-23
+855060-23	+855277-23	+857226-23	+876543-23
+106207-22	+180603-22	+196195-22	+196195-22
+161767-22	+161793-22	+162019-22	+164261-22
+184634-22	+272147-22	+290244-22	+290244-22
+168200-22	+168225-22	+168452-22	+170700-22
+191131-22	+278889-22	+297036-22	+297036-22

RHODIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
16	6	+100000+13

+544332-11	+524435-11	+367280-11	+375855-12
+255172-12	+437258-13	+954515-21	+000000+00
+611865-11	+591653-11	+432173-11	+968045-12
+750754-12	+128648-12	+280833-20	+000000+00
+805203-11	+784953-11	+625131-11	+286388-11
+234000-11	+400978-12	+875318-20	+000000+00
+123155-10	+121122-10	+105065-10	+704464-11
+584466-11	+100153-11	+218630-19	+000000+00
+189462-10	+187415-10	+171241-10	+135466-10
+112951-10	+193561-11	+422513-19	+000000+00
+211543-10	+209492-10	+193279-10	+157119-10
+131102-10	+224654-11	+490411-19	+000000+00
+211990-10	+209939-10	+193725-10	+157557-10
+131470-10	+225284-11	+491786-19	+000000+00

ELEMENT	FUNCTION	PHI
16	6	+100000+14

+544332-10	+524435-10	+367280-10	+375855-11
+255172-11	+437258-12	+954515-20	+000000+00
+611865-10	+591653-10	+432173-10	+968045-11
+750754-11	+128648-11	+280833-19	+000000+00
+805203-10	+784953-10	+625131-10	+286388-10
+234000-10	+400978-11	+875318-19	+000000+00
+123155-09	+121122-09	+105065-09	+704464-10
+584466-10	+100153-10	+218630-18	+000000+00
+189462-09	+187415-09	+171241-09	+135466-09
+112951-09	+193561-10	+422513-18	+000000+00
+211543-09	+209492-09	+193279-09	+157119-09
+131102-09	+224654-10	+490411-18	+000000+00
+211990-09	+209939-09	+193725-09	+157557-09
+131470-09	+225284-10	+491786-18	+000000+00

ELEMENT	FUNCTION	PHI
16	6	+300000+14

+163299-09	+157330-09	+110184-09	+112757-10
+765516-11	+131177-11	+286354-19	+000000+00
+183559-09	+177496-09	+129652-09	+290414-10
+225226-10	+385943-11	+842498-19	+000000+00
+241561-09	+235486-09	+187539-09	+859165-10
+702000-10	+120293-10	+262595-18	+000000+00
+369466-09	+363366-09	+315194-09	+211339-09
+175340-09	+300459-10	+655889-18	+000000+00
+568385-09	+562246-09	+513724-09	+406397-09
+338853-09	+580653-10	+126754-17	+000000+00
+634629-09	+628477-09	+579838-09	+471356-09
+393307-09	+673963-10	+147123-17	+000000+00
+635970-09	+629818-09	+581176-09	+472671-09
+394409-09	+675852-10	+147536-17	+000000+00

ELEMENT	FUNCTION	PHI
16	6	+100000+15

+544332-09	+524435-09	+367280-09	+375855-10
+255172-10	+437258-11	+954515-19	+000000+00
+611865-09	+591653-09	+432173-09	+968045-10
+750754-10	+128648-10	+280833-18	+000000+00
+805203-09	+784953-09	+625131-09	+286388-09
+234000-09	+400978-10	+875318-18	+000000+00
+123155-08	+121122-08	+105065-08	+704464-09
+584466-09	+100153-09	+218630-17	+000000+00
+189462-08	+187415-08	+171241-08	+135466-08
+112951-08	+193561-09	+422513-17	+000000+00
+211543-08	+209492-08	+193279-08	+157119-08
+131102-08	+224654-09	+490411-17	+000000+00
+211990-08	+209939-08	+193725-08	+157557-08
+131470-08	+225284-09	+491786-17	+000000+00

ELEMENT	FUNCTION	PHI
16	6	+300000+15

+163299-08	+157330-08	+110184-08	+112757-09
+765516-10	+131177-10	+286354-18	+000000+00
+183559-08	+177496-08	+129652-08	+290414-09
+225226-09	+385943-10	+842498-18	+000000+00
+241561-08	+235486-08	+187539-08	+859165-09
+702000-09	+120293-09	+262595-17	+000000+00
+369466-08	+363366-08	+315194-08	+211339-08
+175340-08	+300459-09	+655889-17	+000000+00
+568385-08	+562246-08	+513724-08	+406397-08
+338853-08	+580653-09	+126754-16	+000000+00
+634629-08	+628477-08	+579838-08	+471356-08
+393307-08	+673963-09	+147123-16	+000000+00
+635970-08	+629818-08	+581176-08	+472671-08
+394409-08	+675852-09	+147536-16	+000000+00

ELEMENT	FUNCTION	PHI
16	6	+100000+16

+544331-08	+524435-08	+367280-08	+375855-09
+255172-09	+437258-10	+954515-18	+000000+00
+611865-08	+591653-08	+432173-08	+968045-09
+750754-09	+128648-09	+280833-17	+000000+00
+805203-08	+784953-08	+625131-08	+286388-08
+234000-08	+400978-09	+875318-17	+000000+00
+123155-07	+121122-07	+105065-07	+704464-08
+584466-08	+100153-08	+218630-16	+000000+00
+189462-07	+187415-07	+171241-07	+135466-07
+112951-07	+193561-08	+422513-16	+000000+00
+211543-07	+209492-07	+193279-07	+157119-07
+131102-07	+224654-08	+490411-16	+000000+00
+211990-07	+209939-07	+193725-07	+157557-07
+131470-07	+225284-08	+491786-16	+000000+00

RHODIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI	
16	7	+100000+13	
+173288-12	+175043-12	+186004-12	+144845-12
+305517-14	+147706-14	+203936-15	+513408-24
+404973-12	+405566-12	+406285-12	+283707-12
+782231-14	+442143-14	+610463-15	+153684-23
+537160-12	+537126-12	+532337-12	+366928-12
+208750-13	+146263-13	+201931-14	+508360-23
+575491-12	+575439-12	+570502-12	+403926-12
+553908-13	+429281-13	+592706-14	+149214-22
+687394-12	+687340-12	+682381-12	+515583-12
+164859-12	+132732-12	+183262-13	+461363-22
+926646-12	+926587-12	+921580-12	+754310-12
+398906-12	+324737-12	+448362-13	+112875-21
+126672-11	+126665-11	+126158-11	+109364-11
+731579-12	+597653-12	+826174-13	+207738-21

ELEMENT	FUNCTION	PHI	
16	7	+100000+14	
+173288-11	+175043-11	+186004-11	+144845-11
+305517-13	+147706-13	+203936-14	+513408-23
+404973-11	+405566-11	+406285-11	+283707-11
+782231-13	+442143-13	+610463-14	+153684-22
+537160-11	+537126-11	+532337-11	+366928-11
+208750-12	+146263-12	+201931-13	+508360-22
+575491-11	+575440-11	+570502-11	+403926-11
+553908-12	+429281-12	+592706-13	+149214-21
+687394-11	+687340-11	+682381-11	+515583-11
+164859-11	+132732-11	+183262-12	+461363-21
+926646-11	+926587-11	+921580-11	+754310-11
+398906-11	+324737-11	+448362-12	+112875-20
+126672-10	+126665-10	+126158-10	+109364-10
+731579-11	+597653-11	+826174-12	+207738-20

ELEMENT	FUNCTION	PHI	
16	7	+300000+14	
+519863-11	+525129-11	+558013-11	+434536-11
+916552-13	+443116-13	+611807-14	+154022-22
+121492-10	+121670-10	+121885-10	+851122-11
+234669-12	+132643-12	+183139-13	+461052-22
+161148-10	+161138-10	+159701-10	+110078-10
+626250-12	+438769-12	+606792-13	+152508-21
+172647-10	+172632-10	+171151-10	+121178-10
+166172-11	+128784-11	+177812-12	+447641-21
+206218-10	+206202-10	+204714-10	+154675-10
+494576-11	+398197-11	+549787-12	+138409-20
+277994-10	+277976-10	+276474-10	+226293-10
+119672-10	+974211-11	+134509-11	+338625-20
+380016-10	+379996-10	+378474-10	+328091-10
+219474-10	+179296-10	+247552-11	+623213-20

ELEMENT	FUNCTION	PHI	
16	7	+100000+15	
+173288-10	+175043-10	+186004-10	+144845-10
+305517-12	+147706-12	+203936-13	+513408-22
+404973-10	+405566-10	+406285-10	+283707-10
+782231-12	+442143-12	+610463-13	+153684-21
+537160-10	+537126-10	+532337-10	+366928-10
+208750-11	+146263-11	+201931-12	+508360-21
+575491-10	+575440-10	+570502-10	+403926-10
+553908-11	+429281-11	+592706-12	+149214-20
+687394-10	+687340-10	+682381-10	+515583-10
+164859-10	+132732-10	+183262-11	+461363-20
+926646-10	+926587-10	+921580-10	+754310-10
+398906-10	+324737-10	+448362-11	+112875-19
+126672-09	+126665-09	+126158-09	+109364-09
+731579-10	+597653-10	+826174-11	+207738-19

ELEMENT	FUNCTION	PHI	
16	7	+300000+15	
+519863-10	+525128-10	+558013-10	+434536-10
+916552-12	+443116-12	+611807-13	+154022-21
+121492-09	+121670-09	+121885-09	+851121-10
+234669-11	+132643-11	+183139-12	+461052-21
+161148-09	+161138-09	+159701-09	+110078-09
+626250-11	+438769-11	+606792-12	+152508-20
+172647-09	+172632-09	+171151-09	+121178-09
+166172-10	+128784-10	+177812-11	+447641-20
+206218-09	+206202-09	+204714-09	+154675-09
+494576-10	+398197-10	+549787-11	+138409-19
+277994-09	+277976-09	+276474-09	+226293-09
+119672-09	+974211-10	+134509-10	+338625-19
+380016-09	+379996-09	+378474-09	+328091-09
+219474-09	+179296-09	+247552-10	+623213-19

ELEMENT	FUNCTION	PHI	
16	7	+100000+16	
+173288-09	+175043-09	+186004-09	+144845-09
+305517-11	+147706-11	+203936-12	+513408-21
+404973-09	+405566-09	+406285-09	+283707-09
+782231-11	+442143-11	+610463-12	+153684-20
+537160-09	+537126-09	+532337-09	+366928-09
+208750-10	+146263-10	+201931-11	+508360-20
+575491-09	+575440-09	+570502-09	+403926-09
+553908-10	+429281-10	+592706-11	+149214-19
+687394-09	+687340-09	+682381-09	+515583-09
+164859-09	+132732-09	+183262-10	+461363-19
+926646-09	+926587-09	+921580-09	+754310-09
+398906-09	+324737-09	+448362-10	+112875-18
+126672-08	+126665-08	+126158-08	+109364-08
+731579-09	+597653-09	+826174-10	+207738-18

RHODIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
16	8	+100000+13

+121035-15	+121084-15	+121060-15	+120821-15
+118452-15	+971746-16	+134168-16	+337768-25
+362411-15	+362455-15	+362383-15	+361666-15
+354576-15	+290883-15	+401620-16	+101108-24
+119891-14	+119894-14	+119870-14	+119633-14
+117288-14	+962191-15	+132849-15	+334447-24
+351914-14	+351912-14	+351842-14	+351146-14
+344262-14	+282422-14	+389938-15	+981668-24
+108812-13	+108810-13	+108788-13	+108573-13
+106445-13	+873239-14	+120567-14	+303528-23
+266215-13	+266209-13	+266157-13	+265630-13
+260422-13	+213643-13	+294975-14	+742599-23
+489947-13	+489937-13	+489840-13	+488871-13
+479287-13	+393192-13	+542878-14	+136669-22

ELEMENT	FUNCTION	PHI
16	8	+100000+14

+121036-14	+121084-14	+121060-14	+120821-14
+118452-14	+971746-15	+134168-15	+337768-24
+362412-14	+362455-14	+362383-14	+361666-14
+354576-14	+290883-14	+401620-15	+101108-23
+119891-13	+119894-13	+119870-13	+119633-13
+117288-13	+962191-14	+132849-14	+334447-23
+351914-13	+351912-13	+351842-13	+351146-13
+344262-13	+282422-13	+389938-14	+981668-23
+108812-12	+108810-12	+108788-12	+108573-12
+106445-12	+873239-13	+120567-13	+303528-22
+266215-12	+266209-12	+266157-12	+265630-12
+260422-12	+213643-12	+294975-13	+742599-22
+489947-12	+489937-12	+489840-12	+488871-12
+479287-12	+393192-12	+542878-13	+136669-21

ELEMENT	FUNCTION	PHI
16	8	+300000+14

+363100-14	+363253-14	+363181-14	+362462-14
+355356-14	+291523-14	+402504-15	+101330-23
+108723-13	+108736-13	+108715-13	+108500-13
+106373-13	+872650-14	+120486-14	+303324-23
+359673-13	+359681-13	+359610-13	+358899-13
+351863-13	+288667-13	+398547-14	+100334-22
+105574-12	+105573-12	+105553-12	+105344-12
+103278-12	+847266-13	+116981-13	+294500-22
+326435-12	+326430-12	+326365-12	+325719-12
+319334-12	+261972-12	+361702-13	+910585-22
+798644-12	+798628-12	+798470-12	+796890-12
+781267-12	+640928-12	+884925-13	+222780-21
+146984-11	+146981-11	+146952-11	+146661-11
+143786-11	+117958-11	+162863-12	+410008-21

ELEMENT	FUNCTION	PHI
16	8	+100000+15

+121036-13	+121084-13	+121060-13	+120821-13
+118452-13	+971746-14	+134168-14	+337768-23
+362412-13	+362455-13	+362383-13	+361666-13
+354576-13	+290883-13	+401620-14	+101108-22
+119891-12	+119894-12	+119870-12	+119633-12
+117288-12	+962191-13	+132849-13	+334447-22
+351914-12	+351912-12	+351842-12	+351146-12
+344262-12	+282422-12	+389938-13	+981668-22
+108812-11	+108810-11	+108788-11	+108573-11
+106445-11	+873239-12	+120567-12	+303528-21
+266215-11	+266209-11	+266157-11	+265630-11
+260422-11	+213643-11	+294975-12	+742599-21
+489947-11	+489937-11	+489840-11	+488871-11
+479287-11	+393192-11	+542878-12	+136669-20

ELEMENT	FUNCTION	PHI
16	8	+300000+15

+363097-13	+363253-13	+363181-13	+362462-13
+355356-13	+291523-13	+402504-14	+101330-22
+108722-12	+108736-12	+108715-12	+108500-12
+106373-12	+872650-13	+120486-13	+303324-22
+359673-12	+359681-12	+359610-12	+358899-12
+351863-12	+288667-12	+398547-13	+100334-21
+105574-11	+105573-11	+105553-11	+105344-11
+103278-11	+847266-12	+116981-12	+294500-21
+326435-11	+326430-11	+326365-11	+325719-11
+319334-11	+261972-11	+361702-12	+910585-21
+798644-11	+798628-11	+798470-11	+796890-11
+781267-11	+640928-11	+884925-12	+222780-20
+146984-10	+146981-10	+146952-10	+146661-10
+143786-10	+117958-10	+162863-11	+410008-20

ELEMENT	FUNCTION	PHI
16	8	+100000+16

+121034-12	+121084-12	+121060-12	+120821-12
+118452-12	+971746-13	+134168-13	+337768-22
+362410-12	+362455-12	+362383-12	+361666-12
+354576-12	+290883-12	+401620-13	+101108-21
+119891-11	+119894-11	+119870-11	+119633-11
+117288-11	+962191-12	+132849-12	+334447-21
+351914-11	+351912-11	+351842-11	+351146-11
+344262-11	+282422-11	+389938-12	+981668-21
+108812-10	+108810-10	+108788-10	+108573-10
+106445-10	+873239-11	+120567-11	+303528-20
+266215-10	+266209-10	+266157-10	+265630-10
+260422-10	+213643-10	+294975-11	+742599-20
+489947-10	+489937-10	+489840-10	+488871-10
+479287-10	+393192-10	+542878-11	+136669-19

RHODIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI	
16	9	+100000+13	
+484139-16	+484337-16	+484241-16	+483283-16
+473808-16	+388698-16	+536672-17	+135107-25
+144964-15	+144982-15	+144953-15	+144667-15
+141830-15	+116363-15	+160648-16	+404432-25
+479565-15	+479575-15	+479480-15	+478532-15
+469150-15	+384877-15	+531396-16	+133779-24
+140766-14	+140765-14	+140737-14	+140458-14
+137705-14	+112969-14	+155975-15	+392667-24
+435247-14	+435239-14	+435153-14	+434293-14
+425778-14	+349296-14	+482270-15	+121411-23
+106486-13	+106484-13	+106463-13	+106252-13
+104169-13	+864571-14	+117990-14	+297040-23
+195979-13	+195975-13	+195936-13	+195548-13
+191716-13	+167277-13	+217161-14	+546678-23

ELEMENT	FUNCTION	PHI	
16	9	+100000+14	
+484142-15	+484337-15	+484241-15	+483283-15
+473808-15	+388698-15	+536672-16	+135107-24
+144965-14	+144982-14	+144953-14	+144667-14
+141830-14	+116363-14	+160648-15	+404432-24
+479565-14	+479575-14	+479480-14	+478532-14
+469150-14	+384877-14	+531396-15	+133779-23
+140766-13	+140765-13	+140737-13	+140458-13
+137705-13	+112969-13	+155975-14	+392667-23
+435247-13	+435239-13	+435153-13	+434292-13
+425778-13	+349296-13	+482270-14	+121411-22
+106486-12	+106484-12	+106463-12	+106252-12
+104169-12	+864571-13	+117990-13	+297040-22
+195979-12	+195975-12	+195936-12	+195548-12
+191716-12	+167277-12	+217161-13	+546678-22

ELEMENT	FUNCTION	PHI	
16	9	+300000+14	
+145240-14	+145301-14	+145272-14	+144985-14
+142142-14	+116609-14	+161002-15	+405322-24
+434891-14	+434946-14	+434860-14	+434000-14
+425491-14	+349060-14	+481945-15	+121330-23
+143869-13	+143873-13	+143844-13	+143560-13
+140745-13	+115463-13	+159419-14	+401337-23
+422297-13	+422294-13	+422210-13	+421375-13
+413114-13	+338906-13	+467925-14	+117800-22
+130574-12	+130572-12	+130546-12	+130288-12
+127733-12	+104789-12	+144681-13	+364234-22
+319458-12	+319451-12	+319388-12	+318756-12
+312507-12	+256371-12	+353970-13	+891119-22
+587937-12	+587925-12	+587808-12	+586645-12
+575144-12	+471831-12	+651453-13	+164003-21

ELEMENT	FUNCTION	PHI	
16	9	+100000+15	
+484142-14	+484337-14	+484241-14	+483283-14
+473808-14	+388698-14	+536672-15	+135107-23
+144965-13	+144982-13	+144953-13	+144667-13
+141830-13	+116363-13	+160648-14	+404432-23
+479565-13	+479575-13	+479480-13	+478532-13
+469150-13	+384877-13	+531396-14	+133779-22
+140766-12	+140765-12	+140737-12	+140458-12
+137705-12	+112969-12	+155975-13	+392667-22
+435247-12	+435239-12	+435153-12	+434292-12
+425778-12	+349296-12	+482270-13	+121411-21
+106486-11	+106484-11	+106463-11	+106252-11
+104169-11	+864571-12	+117990-12	+297040-21
+195979-11	+195975-11	+195936-11	+195548-11
+191716-11	+167277-11	+217161-12	+546678-21

ELEMENT	FUNCTION	PHI	
16	9	+300000+15	
+145239-13	+145301-13	+145272-13	+144985-13
+142142-13	+116609-13	+161002-14	+405322-23
+434890-13	+434946-13	+434860-13	+434000-13
+425491-13	+349060-13	+481945-14	+121330-22
+143869-12	+143873-12	+143844-12	+143560-12
+140745-12	+115463-12	+159419-13	+401337-22
+422297-12	+422294-12	+422210-12	+421375-12
+413114-12	+338906-12	+467925-13	+117800-21
+130574-11	+130572-11	+130546-11	+130288-11
+127733-11	+104789-11	+144681-12	+364234-21
+319458-11	+319451-11	+319388-11	+318756-11
+312507-11	+256371-11	+353970-12	+891119-21
+587937-11	+587925-11	+587808-11	+586646-11
+575144-11	+471831-11	+651453-12	+164003-20

ELEMENT	FUNCTION	PHI	
16	9	+100000+16	
+484134-13	+484337-13	+484241-13	+483283-13
+473808-13	+388698-13	+536672-14	+135107-22
+144964-12	+144982-12	+144953-12	+144667-12
+141830-12	+116363-12	+160648-13	+404432-22
+479564-12	+479575-12	+479480-12	+478532-12
+469160-12	+384877-12	+531396-13	+133779-21
+140766-11	+140765-11	+140737-11	+140458-11
+137705-11	+112969-11	+155975-12	+392667-21
+435247-11	+435239-11	+435153-11	+434292-11
+425778-11	+349296-11	+482270-12	+121411-20
+106486-10	+106484-10	+106463-10	+106252-10
+104169-10	+864571-11	+117990-11	+297040-20
+195979-10	+195975-10	+195936-10	+195548-10
+191716-10	+167277-10	+217161-11	+546678-20

PALLADIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
17	1	+100000+13

+259999-06	+262699-06	+279982-06	+427625-06
+698652-06	+739719-06	+892006-06	+916400-06
+122472-05	+122964-05	+126645-05	+156757-05
+209990-05	+222032-05	+267618-05	+274920-05
+589260-05	+589874-05	+594624-05	+633125-05
+702579-05	+741464-05	+892253-05	+916408-05
+199980-04	+200043-04	+200529-04	+204483-04
+212288-04	+223590-04	+267849-04	+274939-04
+708121-04	+708187-04	+708699-04	+712918-04
+723341-04	+758164-04	+895014-04	+916935-04
+226231-03	+226238-03	+226295-03	+226773-03
+228376-03	+236887-03	+270368-03	+275731-03
+837533-03	+837541-03	+837606-03	+838165-03
+840563-03	+856223-03	+917842-03	+927712-03

ELEMENT	FUNCTION	PHI
17	1	+100000+14

+259999-05	+262699-05	+279982-05	+427625-05
+698653-05	+739719-05	+892006-05	+916400-05
+122474-04	+122966-04	+126647-04	+156758-04
+209992-04	+222034-04	+267620-04	+274922-04
+589327-04	+589941-04	+594691-04	+633192-04
+702647-04	+741531-04	+892320-04	+916475-04
+200151-03	+200214-03	+200700-03	+204654-03
+212459-03	+223760-03	+268020-03	+275110-03
+712917-03	+712983-03	+713495-03	+717714-03
+728137-03	+762960-03	+899809-03	+921731-03
+233434-02	+233441-02	+233498-02	+233976-02
+235578-02	+244089-02	+277570-02	+282934-02
+934640-02	+934649-02	+934713-02	+935272-02
+937670-02	+953329-02	+101495-01	+102482-01

ELEMENT	FUNCTION	PHI
17	1	+300000+14

+780002-05	+788101-05	+839951-05	+128288-04
+209596-04	+221916-04	+267602-04	+274920-04
+367433-04	+368910-04	+379952-04	+470286-04
+629987-04	+666113-04	+802870-04	+824777-04
+176843-03	+177027-03	+178452-03	+190003-03
+210839-03	+222604-03	+267741-03	+274987-03
+601589-03	+601777-03	+603235-03	+615098-03
+638512-03	+672417-03	+805196-03	+826465-03
+217035-02	+217055-02	+217208-02	+218474-02
+221601-02	+232048-02	+273102-02	+279679-02
+746517-02	+746539-02	+746710-02	+748145-02
+752951-02	+778484-02	+878927-02	+895017-02
+336944-01	+336946-01	+336966-01	+337133-01
+337853-01	+342651-01	+361036-01	+363997-01

ELEMENT	FUNCTION	PHI
17	1	+100000+15

+260005-04	+262705-04	+279988-04	+427629-04
+698657-04	+739724-04	+892010-04	+916405-04
+122491-03	+122984-03	+126664-03	+156775-03
+210009-03	+222051-03	+267636-03	+274939-03
+590001-03	+590615-03	+595365-03	+633864-03
+703318-03	+742202-03	+892991-03	+917146-03
+201841-02	+201904-02	+202390-02	+206344-02
+214148-02	+225450-02	+269709-02	+276799-02
+759000-02	+759065-02	+759577-02	+763794-02
+774216-02	+809039-02	+945889-02	+967810-02
+296843-01	+296850-01	+296907-01	+297385-01
+298987-01	+307498-01	+340979-01	+346342-01
+156945+00	+156946+00	+156952+00	+157008+00
+157247+00	+158813+00	+164975+00	+165962+00

ELEMENT	FUNCTION	PHI
17	1	+300000+15

+780052-04	+788151-04	+840000-04	+128292-03
+209600-03	+221920-03	+267606-03	+274924-03
+367590-03	+369067-03	+380108-03	+470438-03
+630137-03	+666263-03	+803020-03	+824927-03
+177445-02	+177629-02	+179053-02	+190602-02
+211438-02	+223103-02	+268340-02	+275586-02
+616420-02	+616608-02	+618065-02	+629922-02
+653334-02	+687239-02	+820018-02	+841287-02
+255079-01	+255099-01	+255252-01	+256516-01
+259642-01	+270089-01	+311144-01	+317720-01
+118620+00	+118623+00	+118640+00	+118783+00
+119263+00	+121816+00	+131861+00	+133470+00
+614083+00	+614086+00	+614105+00	+614271+00
+614989+00	+619687+00	+638173+00	+641134+00

ELEMENT	FUNCTION	PHI
17	1	+100000+16

+260061-03	+262761-03	+280042-03	+427674-03
+698698-03	+739765-03	+892051-03	+916446-03
+122664-02	+123156-02	+126836-02	+156942-02
+210174-02	+222216-02	+267801-02	+275104-02
+596489-02	+597103-02	+601849-02	+640329-02
+709775-02	+748660-02	+899449-02	+923604-02
+216953-01	+217015-01	+217500-01	+221448-01
+229250-01	+240562-01	+284811-01	+291901-01
+107913+00	+107919+00	+107970+00	+108390+00
+109432+00	+112914+00	+126599+00	+128791+00
+534428+00	+534435+00	+534491+00	+534964+00
+536564+00	+545075+00	+578556+00	+583919+00
+229161+01	+229162+01	+229168+01	+229223+01
+229462+01	+231028+01	+237190+01	+238177+01

PALLADIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
17	2	+100000+13

+710072-23	+594932-23	+402561-23	+128212-23
+110215-27	+000000+00	+000000+00	+000000+00
+875814-23	+758625-23	+548954-23	+177424-23
+171245-27	+000000+00	+000000+00	+000000+00
+893508-23	+776125-23	+564799-23	+183439-23
+182738-27	+000000+00	+000000+00	+000000+00
+893554-23	+776170-23	+564839-23	+183453-23
+182756-27	+000000+00	+000000+00	+000000+00
+893652-23	+776266-23	+564924-23	+183476-23
+182757-27	+000000+00	+000000+00	+000000+00
+893930-23	+776541-23	+565165-23	+183543-23
+182759-27	+000000+00	+000000+00	+000000+00
+894904-23	+777501-23	+566010-23	+183779-23
+182766-27	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	2	+100000+14

+710077-22	+594938-22	+402566-22	+128213-22
+110215-26	+000000+00	+000000+00	+000000+00
+875843-22	+758654-22	+548979-22	+177431-22
+171245-26	+000000+00	+000000+00	+000000+00
+893625-22	+776240-22	+564899-22	+183467-22
+182738-26	+000000+00	+000000+00	+000000+00
+893921-22	+776532-22	+565158-22	+183541-22
+182759-26	+000000+00	+000000+00	+000000+00
+894895-22	+777492-22	+566002-22	+183777-22
+182766-26	+000000+00	+000000+00	+000000+00
+897673-22	+780231-22	+568413-22	+184448-22
+182784-26	+000000+00	+000000+00	+000000+00
+907347-22	+789768-22	+576806-22	+186786-22
+182850-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	2	+300000+14

+213027-21	+178485-21	+120773-21	+384650-22
+330646-26	+000000+00	+000000+00	+000000+00
+262772-21	+227615-21	+164711-21	+532341-22
+513737-26	+000000+00	+000000+00	+000000+00
+268165-21	+232948-21	+169537-21	+550588-22
+548220-26	+000000+00	+000000+00	+000000+00
+268421-21	+233201-21	+169759-21	+551215-22
+548293-26	+000000+00	+000000+00	+000000+00
+269296-21	+234063-21	+170519-21	+553330-22
+548563-26	+000000+00	+000000+00	+000000+00
+271785-21	+236517-21	+172678-21	+559346-22
+548622-26	+000000+00	+000000+00	+000000+00
+280367-21	+244979-21	+180124-21	+580091-22
+549107-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	2	+100000+15

+710136-21	+594995-21	+402617-21	+128228-21
+110216-25	+000000+00	+000000+00	+000000+00
+876131-21	+758938-21	+549230-21	+177501-21
+171247-25	+000000+00	+000000+00	+000000+00
+894789-21	+777387-21	+565909-21	+183748-21
+182746-25	+000000+00	+000000+00	+000000+00
+897585-21	+780144-21	+568336-21	+184427-21
+182784-25	+000000+00	+000000+00	+000000+00
+907260-21	+789682-21	+576730-21	+186765-21
+182850-25	+000000+00	+000000+00	+000000+00
+934491-21	+816530-21	+600357-21	+193348-21
+183036-25	+000000+00	+000000+00	+000000+00
+102518-20	+905938-21	+679039-21	+215268-21
+183652-25	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	2	+300000+15

+213080-20	+178537-20	+120819-20	+384777-21
+330649-25	+000000+00	+000000+00	+000000+00
+263032-20	+227871-20	+164936-20	+532969-21
+513765-25	+000000+00	+000000+00	+000000+00
+269211-20	+233980-20	+170445-20	+553117-21
+548291-25	+000000+00	+000000+00	+000000+00
+271706-20	+236440-20	+172610-20	+559156-21
+548617-25	+000000+00	+000000+00	+000000+00
+280290-20	+244903-20	+180058-20	+579905-21
+549101-25	+000000+00	+000000+00	+000000+00
+303742-20	+268024-20	+200405-20	+636590-21
+550698-25	+000000+00	+000000+00	+000000+00
+374546-20	+337830-20	+261836-20	+807735-21
+555618-25	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	2	+100000+16

+710719-20	+595571-20	+403123-20	+128369-20
+110220-24	+000000+00	+000000+00	+000000+00
+879016-20	+761782-20	+551732-20	+178198-20
+171267-24	+000000+00	+000000+00	+000000+00
+906368-20	+788803-20	+575956-20	+186547-20
+182825-24	+000000+00	+000000+00	+000000+00
+933637-20	+815688-20	+599616-20	+193141-20
+183029-24	+000000+00	+000000+00	+000000+00
+102439-19	+905159-20	+678353-20	+215077-20
+183647-24	+000000+00	+000000+00	+000000+00
+124800-19	+112561-19	+872360-20	+269126-20
+185169-24	+000000+00	+000000+00	+000000+00
+173396-19	+160473-19	+129399-19	+386590-20
+188478-24	+000000+00	+000000+00	+000000+00

PALLADIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
17	3	+100000+13

+110436-27	+109428-27	+100760-27	+441432-28
+114983-31	+000000+00	+000000+00	+000000+00
+172224-27	+170652-27	+157134-27	+688409-28
+179314-31	+000000+00	+000000+00	+000000+00
+183955-27	+182275-27	+167836-27	+735296-28
+191527-31	+000000+00	+000000+00	+000000+00
+183974-27	+182294-27	+167854-27	+735373-28
+191547-31	+000000+00	+000000+00	+000000+00
+183974-27	+182294-27	+167854-27	+735373-28
+191547-31	+000000+00	+000000+00	+000000+00
+183974-27	+182294-27	+167854-27	+735373-28
+191547-31	+000000+00	+000000+00	+000000+00
+183974-27	+182294-27	+167854-27	+735373-28
+191547-31	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	3	+100000+14

+110436-26	+109428-26	+100760-26	+441432-27
+114983-30	+000000+00	+000000+00	+000000+00
+172224-26	+170652-26	+157134-26	+688409-27
+179314-30	+000000+00	+000000+00	+000000+00
+183955-26	+182275-26	+167836-26	+735296-27
+191527-30	+000000+00	+000000+00	+000000+00
+183974-26	+182294-26	+167854-26	+735373-27
+191547-30	+000000+00	+000000+00	+000000+00
+183974-26	+182294-26	+167854-26	+735373-27
+191547-30	+000000+00	+000000+00	+000000+00
+183974-26	+182294-26	+167854-26	+735373-27
+191547-30	+000000+00	+000000+00	+000000+00
+183974-26	+182294-26	+167854-26	+735373-27
+191547-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	3	+300000+14

+331309-26	+328285-26	+302279-26	+132430-26
+344948-30	+000000+00	+000000+00	+000000+00
+516673-26	+511957-26	+471402-26	+206523-26
+537942-30	+000000+00	+000000+00	+000000+00
+551864-26	+546826-26	+503509-26	+220589-26
+574581-30	+000000+00	+000000+00	+000000+00
+551921-26	+546883-26	+503561-26	+220612-26
+574641-30	+000000+00	+000000+00	+000000+00
+551921-26	+546883-26	+503561-26	+220612-26
+574641-30	+000000+00	+000000+00	+000000+00
+551921-26	+546883-26	+503561-26	+220612-26
+574641-30	+000000+00	+000000+00	+000000+00
+551921-26	+546883-26	+503561-26	+220612-26
+574641-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	3	+100000+15

+110436-25	+109428-25	+100760-25	+441432-26
+114983-29	+000000+00	+000000+00	+000000+00
+172224-25	+170652-25	+157134-25	+688409-26
+179314-29	+000000+00	+000000+00	+000000+00
+183955-25	+182275-25	+167836-25	+735296-26
+191527-29	+000000+00	+000000+00	+000000+00
+183974-25	+182294-25	+167854-25	+735373-26
+191547-29	+000000+00	+000000+00	+000000+00
+183974-25	+182294-25	+167854-25	+735373-26
+191547-29	+000000+00	+000000+00	+000000+00
+183974-25	+182294-25	+167854-25	+735373-26
+191547-29	+000000+00	+000000+00	+000000+00
+183974-25	+182294-25	+167854-25	+735373-26
+191547-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	3	+300000+15

+331309-25	+328285-25	+302279-25	+132430-25
+344948-29	+000000+00	+000000+00	+000000+00
+516673-25	+511957-25	+471402-25	+206523-25
+537942-29	+000000+00	+000000+00	+000000+00
+551864-25	+546826-25	+503509-25	+220589-25
+574581-29	+000000+00	+000000+00	+000000+00
+551921-25	+546883-25	+503561-25	+220612-25
+574641-29	+000000+00	+000000+00	+000000+00
+551921-25	+546883-25	+503561-25	+220612-25
+574641-29	+000000+00	+000000+00	+000000+00
+551921-25	+546883-25	+503561-25	+220612-25
+574641-29	+000000+00	+000000+00	+000000+00
+551921-25	+546883-25	+503561-25	+220612-25
+574641-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	3	+100000+16

+110436-24	+109428-24	+100760-24	+441432-25
+114983-28	+000000+00	+000000+00	+000000+00
+172224-24	+170652-24	+157134-24	+688409-25
+179314-28	+000000+00	+000000+00	+000000+00
+183955-24	+182275-24	+167836-24	+735296-25
+191527-28	+000000+00	+000000+00	+000000+00
+183974-24	+182294-24	+167854-24	+735373-25
+191547-28	+000000+00	+000000+00	+000000+00
+183974-24	+182294-24	+167854-24	+735373-25
+191547-28	+000000+00	+000000+00	+000000+00
+183974-24	+182294-24	+167854-24	+735373-25
+191547-28	+000000+00	+000000+00	+000000+00
+183974-24	+182294-24	+167854-24	+735373-25
+191547-28	+000000+00	+000000+00	+000000+00

PALLADIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
17	4	+100000+13	
+185677-25	+137326-25	+637119-26	+186293-26
+608529-31	+000000+00	+000000+00	+000000+00
+209151-25	+160484-25	+842134-26	+247805-26
+936963-31	+000000+00	+000000+00	+000000+00
+210995-25	+162305-25	+858392-26	+253169-26
+997536-31	+000000+00	+000000+00	+000000+00
+211001-25	+162311-25	+858447-26	+253185-26
+997637-31	+000000+00	+000000+00	+000000+00
+211020-25	+162329-25	+858608-26	+253230-26
+997650-31	+000000+00	+000000+00	+000000+00
+211073-25	+162381-25	+859066-26	+253358-26
+997686-31	+000000+00	+000000+00	+000000+00
+211257-25	+162564-25	+860668-26	+253804-26
+997811-31	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
17	4	+100000+14	
+185678-24	+137327-24	+637129-25	+186295-25
+608529-30	+000000+00	+000000+00	+000000+00
+209156-24	+160489-24	+842181-25	+247818-25
+936966-30	+000000+00	+000000+00	+000000+00
+211017-24	+162327-24	+858584-25	+253222-25
+997561-30	+000000+00	+000000+00	+000000+00
+211071-24	+162380-24	+859051-25	+253354-25
+997684-30	+000000+00	+000000+00	+000000+00
+211256-24	+162562-24	+860653-25	+253800-25
+997810-30	+000000+00	+000000+00	+000000+00
+211783-24	+163081-24	+865225-25	+255074-25
+998169-30	+000000+00	+000000+00	+000000+00
+213618-24	+164890-24	+881145-25	+259509-25
+999418-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
17	4	+300000+14	
+557042-24	+411989-24	+191145-24	+558904-25
+182559-29	+000000+00	+000000+00	+000000+00
+627505-24	+481504-24	+252686-24	+743542-25
+281092-29	+000000+00	+000000+00	+000000+00
+633199-24	+487125-24	+257703-24	+760023-25
+299275-29	+000000+00	+000000+00	+000000+00
+633677-24	+487597-24	+258118-24	+761182-25
+299337-29	+000000+00	+000000+00	+000000+00
+635337-24	+489233-24	+259558-24	+765194-25
+299460-29	+000000+00	+000000+00	+000000+00
+640058-24	+493889-24	+263654-24	+776606-25
+299771-29	+000000+00	+000000+00	+000000+00
+656336-24	+509937-24	+277778-24	+815953-25
+300880-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
17	4	+100000+15	
+185689-23	+137338-23	+637225-24	+186322-24
+608537-29	+000000+00	+000000+00	+000000+00
+209211-23	+160543-23	+842656-24	+247950-24
+937004-29	+000000+00	+000000+00	+000000+00
+211238-23	+162544-23	+860499-24	+253756-24
+997701-29	+000000+00	+000000+00	+000000+00
+211766-23	+163065-23	+865080-24	+255033-24
+998167-29	+000000+00	+000000+00	+000000+00
+213601-23	+164874-23	+881002-24	+259469-24
+999407-29	+000000+00	+000000+00	+000000+00
+218766-23	+169966-23	+925816-24	+271954-24
+100292-28	+000000+00	+000000+00	+000000+00
+235967-23	+186925-23	+107506-23	+313532-24
+101463-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
17	4	+300000+15	
+557142-23	+412087-23	+191231-23	+559145-24
+182566-28	+000000+00	+000000+00	+000000+00
+627998-23	+481990-23	+253114-23	+744733-24
+281126-28	+000000+00	+000000+00	+000000+00
+635183-23	+489082-23	+259426-23	+764820-24
+299410-28	+000000+00	+000000+00	+000000+00
+639909-23	+493741-23	+263525-23	+776245-24
+299761-28	+000000+00	+000000+00	+000000+00
+656191-23	+509793-23	+277651-23	+815601-24
+300870-28	+000000+00	+000000+00	+000000+00
+700672-23	+553648-23	+316245-23	+923120-24
+303898-28	+000000+00	+000000+00	+000000+00
+834972-23	+686054-23	+432766-23	+124774-23
+313041-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
17	4	+100000+16	
+185800-22	+137447-22	+638185-23	+186590-23
+608612-28	+000000+00	+000000+00	+000000+00
+209758-22	+161083-22	+847403-23	+249273-23
+937376-28	+000000+00	+000000+00	+000000+00
+213434-22	+164710-22	+879556-23	+259065-23
+999196-28	+000000+00	+000000+00	+000000+00
+218604-22	+169807-22	+924410-23	+271562-23
+100281-27	+000000+00	+000000+00	+000000+00
+235818-22	+186777-22	+107376-22	+313170-23
+101463-27	+000000+00	+000000+00	+000000+00
+278231-22	+228593-22	+144174-22	+415688-23
+104341-27	+000000+00	+000000+00	+000000+00
+370407-22	+319469-22	+224148-22	+638491-23
+110616-27	+000000+00	+000000+00	+000000+00

PALLADIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
17	5	+100000+13

+519680-30	+519680-30	+519680-30	+519680-30
+519680-30	+519680-30	+519680-30	+519680-30
+155904-29	+155904-29	+155904-29	+155904-29
+155904-29	+155904-29	+155904-29	+155904-29
+519677-29	+519677-29	+519677-29	+519677-29
+519677-29	+519677-29	+519677-29	+519677-29
+155901-28	+155901-28	+155901-28	+155901-28
+155901-28	+155901-28	+155901-28	+155901-28
+519651-28	+519651-28	+519651-28	+519651-28
+519651-28	+519651-28	+519651-28	+519651-28
+155878-27	+155878-27	+155878-27	+155878-27
+155878-27	+155878-27	+155878-27	+155878-27
+519394-27	+519394-27	+519394-27	+519394-27
+519394-27	+519394-27	+519394-27	+519394-27

ELEMENT	FUNCTION	PHI
17	5	+100000+14

+519677-29	+519677-29	+519677-29	+519677-29
+519677-29	+519677-29	+519677-29	+519677-29
+155901-28	+155901-28	+155901-28	+155901-28
+155901-28	+155901-28	+155901-28	+155901-28
+519651-28	+519651-28	+519651-28	+519651-28
+519651-28	+519651-28	+519651-28	+519651-28
+155878-27	+155878-27	+155878-27	+155878-27
+155878-27	+155878-27	+155878-27	+155878-27
+519394-27	+519394-27	+519394-27	+519394-27
+519394-27	+519394-27	+519394-27	+519394-27
+155647-26	+155647-26	+155647-26	+155647-26
+155647-26	+155647-26	+155647-26	+155647-26
+516831-26	+516831-26	+516831-26	+516831-26
+516831-26	+516831-26	+516831-26	+516831-26

ELEMENT	FUNCTION	PHI
17	5	+300000+14

+155901-28	+155901-28	+155901-28	+155901-28
+155901-28	+155901-28	+155901-28	+155901-28
+467689-28	+467689-28	+467689-28	+467689-28
+467689-28	+467689-28	+467689-28	+467689-28
+155878-27	+155878-27	+155878-27	+155878-27
+155878-27	+155878-27	+155878-27	+155878-27
+467480-27	+467480-27	+467480-27	+467480-27
+467480-27	+467480-27	+467480-27	+467480-27
+155647-26	+155647-26	+155647-26	+155647-26
+155647-26	+155647-26	+155647-26	+155647-26
+465404-26	+465404-26	+465404-26	+465404-26
+465404-26	+465404-26	+465404-26	+465404-26
+153359-25	+153359-25	+153359-25	+153359-25
+153359-25	+153359-25	+153359-25	+153359-25

ELEMENT	FUNCTION	PHI
17	5	+100000+15

+519651-28	+519651-28	+519651-28	+519651-28
+519651-28	+519651-28	+519651-28	+519651-28
+155878-27	+155878-27	+155878-27	+155878-27
+155878-27	+155878-27	+155878-27	+155878-27
+519394-27	+519394-27	+519394-27	+519394-27
+519394-27	+519394-27	+519394-27	+519394-27
+155647-26	+155647-26	+155647-26	+155647-26
+155647-26	+155647-26	+155647-26	+155647-26
+516831-26	+516831-26	+516831-26	+516831-26
+516831-26	+516831-26	+516831-26	+516831-26
+153359-25	+153359-25	+153359-25	+153359-25
+153359-25	+153359-25	+153359-25	+153359-25
+492115-25	+492115-25	+492115-25	+492115-25
+492115-25	+492115-25	+492115-25	+492115-25

ELEMENT	FUNCTION	PHI
17	5	+300000+15

+155878-27	+155878-27	+155878-27	+155878-27
+155878-27	+155878-27	+155878-27	+155878-27
+467480-27	+467480-27	+467480-27	+467480-27
+467480-27	+467480-27	+467480-27	+467480-27
+155647-26	+155647-26	+155647-26	+155647-26
+155647-26	+155647-26	+155647-26	+155647-26
+465404-26	+465404-26	+465404-26	+465404-26
+465404-26	+465404-26	+465404-26	+465404-26
+153359-25	+153359-25	+153359-25	+153359-25
+153359-25	+153359-25	+153359-25	+153359-25
+445303-25	+445303-25	+445303-25	+445303-25
+445303-25	+445303-25	+445303-25	+445303-25
+132802-24	+132802-24	+132802-24	+132802-24
+132802-24	+132802-24	+132802-24	+132802-24

ELEMENT	FUNCTION	PHI
17	5	+100000+16

+519394-27	+519394-27	+519394-27	+519394-27
+519394-27	+519394-27	+519394-27	+519394-27
+155647-26	+155647-26	+155647-26	+155647-26
+155647-26	+155647-26	+155647-26	+155647-26
+516831-26	+516831-26	+516831-26	+516831-26
+516831-26	+516831-26	+516831-26	+516831-26
+153359-25	+153359-25	+153359-25	+153359-25
+153359-25	+153359-25	+153359-25	+153359-25
+492115-25	+492115-25	+492115-25	+492115-25
+492115-25	+492115-25	+492115-25	+492115-25
+132802-24	+132802-24	+132802-24	+132802-24
+132802-24	+132802-24	+132802-24	+132802-24
+315633-24	+315633-24	+315633-24	+315633-24
+315633-24	+316633-24	+315633-24	+315633-24

PALLADIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
17	6	+100000+13

+382981-13	+379485-13	+349424-13	+153084-13
+398746-17	+000000+00	+000000+00	+000000+00
+597255-13	+591803-13	+544923-13	+238733-13
+621841-17	+000000+00	+000000+00	+000000+00
+637934-13	+632110-13	+582037-13	+254993-13
+664194-17	+000000+00	+000000+00	+000000+00
+638000-13	+632176-13	+582098-13	+255019-13
+664263-17	+000000+00	+000000+00	+000000+00
+638000-13	+632176-13	+582098-13	+255019-13
+664263-17	+000000+00	+000000+00	+000000+00
+638000-13	+632176-13	+582098-13	+255019-13
+664263-17	+000000+00	+000000+00	+000000+00
+638000-13	+632176-13	+582098-13	+255019-13
+664263-17	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	6	+100000+14

+382981-12	+379485-12	+349424-12	+153084-12
+398746-16	+000000+00	+000000+00	+000000+00
+597255-12	+591803-12	+544923-12	+238733-12
+621841-16	+000000+00	+000000+00	+000000+00
+637934-12	+632110-12	+582037-12	+254993-12
+664194-16	+000000+00	+000000+00	+000000+00
+638000-12	+632176-12	+582098-12	+255019-12
+664263-16	+000000+00	+000000+00	+000000+00
+638000-12	+632176-12	+582098-12	+255019-12
+664263-16	+000000+00	+000000+00	+000000+00
+638000-12	+632176-12	+582098-12	+255019-12
+664263-16	+000000+00	+000000+00	+000000+00
+638000-12	+632176-12	+582098-12	+255019-12
+664263-16	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	6	+300000+14

+114894-11	+113846-11	+104827-11	+459251-12
+119624-16	+000000+00	+000000+00	+000000+00
+179176-11	+177541-11	+163477-11	+716198-12
+186552-16	+000000+00	+000000+00	+000000+00
+191380-11	+189633-11	+174611-11	+764978-12
+199258-16	+000000+00	+000000+00	+000000+00
+191400-11	+189653-11	+174629-11	+765057-12
+199279-16	+000000+00	+000000+00	+000000+00
+191400-11	+189653-11	+174629-11	+765057-12
+199279-16	+000000+00	+000000+00	+000000+00
+191400-11	+189653-11	+174629-11	+765057-12
+199279-16	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	6	+100000+15

+382981-11	+379485-11	+349424-11	+153084-11
+398746-15	+000000+00	+000000+00	+000000+00
+597255-11	+591803-11	+544923-11	+238733-11
+621841-15	+000000+00	+000000+00	+000000+00
+637934-11	+632110-11	+582037-11	+254993-11
+664194-15	+000000+00	+000000+00	+000000+00
+638000-11	+632176-11	+582098-11	+255019-11
+664263-15	+000000+00	+000000+00	+000000+00
+638000-11	+632176-11	+582098-11	+255019-11
+664263-15	+000000+00	+000000+00	+000000+00
+638000-11	+632176-11	+582098-11	+255019-11
+664263-15	+000000+00	+000000+00	+000000+00
+638000-11	+632176-11	+582098-11	+255019-11
+664263-15	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	6	+300000+15

+114894-10	+113846-10	+104827-10	+459251-11
+119624-14	+000000+00	+000000+00	+000000+00
+179176-10	+177541-10	+163477-10	+716198-11
+186552-14	+000000+00	+000000+00	+000000+00
+191380-10	+189633-10	+174611-10	+764978-11
+199258-14	+000000+00	+000000+00	+000000+00
+191400-10	+189653-10	+174629-10	+765057-11
+199279-14	+000000+00	+000000+00	+000000+00
+191400-10	+189653-10	+174629-10	+765057-11
+199279-14	+000000+00	+000000+00	+000000+00
+191400-10	+189653-10	+174629-10	+765057-11
+199279-14	+000000+00	+000000+00	+000000+00
+191400-10	+189653-10	+174629-10	+765057-11
+199279-14	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	6	+100000+16

+382981-10	+379485-10	+349424-10	+153084-10
+398746-14	+000000+00	+000000+00	+000000+00
+597255-10	+591803-10	+544923-10	+238733-10
+621841-14	+000000+00	+000000+00	+000000+00
+637934-10	+632110-10	+582037-10	+254993-10
+664194-14	+000000+00	+000000+00	+000000+00
+638000-10	+632176-10	+582098-10	+255019-10
+664263-14	+000000+00	+000000+00	+000000+00
+638000-10	+632176-10	+582098-10	+255019-10
+664263-14	+000000+00	+000000+00	+000000+00
+638000-10	+632176-10	+582098-10	+255019-10
+664263-14	+000000+00	+000000+00	+000000+00

PALLADIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
17	7	+100000+13

+104400-12	+617584-13	+547841-15	+165288-35
+000000+00	+000000+00	+000000+00	+000000+00
+104400-12	+617584-13	+547841-15	+165288-35
+000000+00	+000000+00	+000000+00	+000000+00
+104400-12	+617584-13	+547841-15	+165288-35
+000000+00	+000000+00	+000000+00	+000000+00
+104400-12	+617584-13	+547841-15	+165288-35
+000000+00	+000000+00	+000000+00	+000000+00
+104400-12	+617584-13	+547841-15	+165288-35
+000000+00	+000000+00	+000000+00	+000000+00
+104400-12	+617584-13	+547841-15	+165288-35
+000000+00	+000000+00	+000000+00	+000000+00
+104400-12	+617584-13	+547841-15	+165288-35
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	7	+100000+14

+104400-11	+617584-12	+547841-14	+165288-34
+000000+00	+000000+00	+000000+00	+000000+00
+104400-11	+617584-12	+547841-14	+165288-34
+000000+00	+000000+00	+000000+00	+000000+00
+104400-11	+617584-12	+547841-14	+165288-34
+000000+00	+000000+00	+000000+00	+000000+00
+104400-11	+617584-12	+547841-14	+165288-34
+000000+00	+000000+00	+000000+00	+000000+00
+104400-11	+617584-12	+547841-14	+165288-34
+000000+00	+000000+00	+000000+00	+000000+00
+104400-11	+617584-12	+547841-14	+165288-34
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	7	+300000+14

+313200-11	+185275-11	+164352-13	+495863-34
+000000+00	+000000+00	+000000+00	+000000+00
+313200-11	+185275-11	+164352-13	+495863-34
+000000+00	+000000+00	+000000+00	+000000+00
+313200-11	+185275-11	+164352-13	+495863-34
+000000+00	+000000+00	+000000+00	+000000+00
+313200-11	+185275-11	+164352-13	+495863-34
+000000+00	+000000+00	+000000+00	+000000+00
+313200-11	+185275-11	+164352-13	+495863-34
+000000+00	+000000+00	+000000+00	+000000+00
+313200-11	+185275-11	+164352-13	+495863-34
+000000+00	+000000+00	+000000+00	+000000+00
+313200-11	+185275-11	+164352-13	+495863-34
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	7	+100000+15

+104400-10	+617584-11	+547841-13	+165288-33
+000000+00	+000000+00	+000000+00	+000000+00
+104400-10	+617584-11	+547841-13	+165288-33
+000000+00	+000000+00	+000000+00	+000000+00
+104400-10	+617584-11	+547841-13	+165288-33
+000000+00	+000000+00	+000000+00	+000000+00
+104400-10	+617584-11	+547841-13	+165288-33
+000000+00	+000000+00	+000000+00	+000000+00
+104400-10	+617584-11	+547841-13	+165288-33
+000000+00	+000000+00	+000000+00	+000000+00
+104400-10	+617584-11	+547841-13	+165288-33
+000000+00	+000000+00	+000000+00	+000000+00
+104400-10	+617584-11	+547841-13	+165288-33
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	7	+300000+15

+313200-10	+185275-10	+164352-12	+495863-33
+000000+00	+000000+00	+000000+00	+000000+00
+313200-10	+185275-10	+164352-12	+495863-33
+000000+00	+000000+00	+000000+00	+000000+00
+313200-10	+185275-10	+164352-12	+495863-33
+000000+00	+000000+00	+000000+00	+000000+00
+313200-10	+185275-10	+164352-12	+495863-33
+000000+00	+000000+00	+000000+00	+000000+00
+313200-10	+185275-10	+164352-12	+495863-33
+000000+00	+000000+00	+000000+00	+000000+00
+313200-10	+185275-10	+164352-12	+495863-33
+000000+00	+000000+00	+000000+00	+000000+00
+313200-10	+185275-10	+164352-12	+495863-33
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	7	+100000+16

+104400-09	+617584-10	+547841-12	+165288-32
+000000+00	+000000+00	+000000+00	+000000+00
+104400-09	+617584-10	+547841-12	+165288-32
+000000+00	+000000+00	+000000+00	+000000+00
+104400-09	+617584-10	+547841-12	+165288-32
+000000+00	+000000+00	+000000+00	+000000+00
+104400-09	+617584-10	+547841-12	+165288-32
+000000+00	+000000+00	+000000+00	+000000+00
+104400-09	+617584-10	+547841-12	+165288-32
+000000+00	+000000+00	+000000+00	+000000+00
+104400-09	+617584-10	+547841-12	+165288-32
+000000+00	+000000+00	+000000+00	+000000+00

PALLADIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
17	8	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	8	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	8	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	8	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	8	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	8	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

PALLADIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
17	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
17	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

SILVER

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
18	1	+100000+13

+189040-07	+189877-07	+196111-07	+232457-07
+196791-07	+162404-07	+162400-07	+162400-07
+659937-07	+660936-07	+668444-07	+704676-07
+580344-07	+487211-07	+487139-07	+487139-07
+217197-06	+217252-06	+217667-06	+217972-06
+184749-06	+162404-06	+162397-06	+162397-06
+572105-06	+572135-06	+572252-06	+569855-06
+519993-06	+487212-06	+487168-06	+487166-06
+171319-06	+171321-06	+171330-06	+171052-06
+166836-06	+162406-06	+162362-06	+162359-06
+496184-06	+496187-06	+496196-06	+495917-06
+490692-06	+487167-06	+486846-06	+486821-06
+163179-04	+163178-04	+163172-04	+163151-04
+162621-04	+162206-04	+161953-04	+161978-04

ELEMENT	FUNCTION	PHI
18	1	+100000+14

+189041-06	+189878-06	+196112-06	+232459-06
+196793-06	+162405-06	+162401-06	+162401-06
+659950-06	+660950-06	+668458-06	+704695-06
+580364-06	+487223-06	+487188-06	+487186-06
+217217-05	+217279-05	+217687-05	+217994-05
+184770-05	+162413-05	+162370-05	+162367-05
+572289-05	+572319-05	+572443-05	+570044-05
+520171-05	+487274-05	+486877-05	+486848-05
+171491-04	+171494-04	+171502-04	+171226-04
+165997-04	+162439-04	+162018-04	+161987-04
+496922-04	+496925-04	+496933-04	+496650-04
+491319-04	+486850-04	+483672-04	+483439-04
+162173-03	+162173-03	+162173-03	+162140-03
+161540-03	+160510-03	+158425-03	+158272-03

ELEMENT	FUNCTION	PHI
18	1	+300000+14

+567129-06	+569638-06	+588342-06	+697390-06
+590393-06	+487228-06	+487206-06	+487205-06
+197994-05	+198294-05	+200547-05	+211421-05
+174122-05	+146175-05	+146149-05	+146147-05
+651782-05	+651968-05	+653196-05	+654128-05
+554452-05	+487300-05	+486931-05	+486904-05
+171809-04	+171818-04	+171856-04	+171139-04
+156170-04	+146223-04	+145870-04	+145844-04
+515611-04	+515619-04	+515646-04	+514820-04
+499046-04	+487546-04	+483777-04	+483600-04
+149548-03	+149549-03	+149551-03	+149463-03
+147796-03	+146841-03	+143033-03	+142826-03
+479914-03	+479914-03	+479914-03	+479783-03
+477656-03	+470726-03	+463144-03	+451853-03

ELEMENT	FUNCTION	PHI
18	1	+100000+15

+189049-05	+189886-05	+196122-05	+232479-05
+196815-05	+162424-05	+162406-05	+162405-05
+660082-05	+661083-05	+668600-05	+704883-05
+580562-05	+487344-05	+487075-05	+487056-05
+217413-04	+217476-04	+217887-04	+218212-04
+184982-04	+162505-04	+162102-04	+162072-04
+574111-04	+574142-04	+574276-04	+571924-04
+521940-04	+487888-04	+483994-04	+483708-04
+173157-03	+173160-03	+173171-03	+172900-03
+167539-03	+162766-03	+158663-03	+158361-03
+503296-03	+503298-03	+503308-03	+502983-03
+496676-03	+483664-03	+454209-03	+452053-03
+152682-02	+152683-02	+152681-02	+152614-02
+161499-02	+145950-02	+130182-02	+129023-02

ELEMENT	FUNCTION	PHI
18	1	+300000+15

+567201-05	+569712-05	+588432-05	+697565-05
+590597-05	+487396-05	+487268-05	+487248-05
+198113-04	+198414-04	+200675-04	+211590-04
+174300-04	+146283-04	+146047-04	+146030-04
+653534-04	+653723-04	+654983-04	+656073-04
+556340-04	+488122-04	+484528-04	+484265-04
+173415-03	+173425-03	+173472-03	+172797-03
+167730-03	+146763-03	+143318-03	+143065-03
+529513-03	+529524-03	+529573-03	+528805-03
+511911-03	+490119-03	+456186-03	+452620-03
+153647-02	+153648-02	+153653-02	+153542-02
+151146-02	+142723-02	+120321-02	+118676-02
+407330-02	+407331-02	+407333-02	+407092-02
+402331-02	+373069-02	+287515-02	+281232-02

ELEMENT	FUNCTION	PHI
18	1	+100000+16

+189129-04	+189968-04	+196221-04	+232673-04
+197042-04	+162608-04	+162464-04	+162454-04
+661397-04	+662408-04	+670013-04	+706759-04
+582629-04	+488646-04	+485958-04	+485769-04
+219316-03	+219382-03	+219828-03	+220328-03
+187037-03	+163400-03	+159484-03	+159197-03
+590705-03	+590748-03	+590980-03	+589091-03
+538103-03	+493393-03	+467223-03	+454567-03
+185093-02	+185099-02	+185135-02	+184946-02
+178581-02	+164479-02	+132126-02	+129749-02
+513419-02	+513428-02	+513485-02	+513189-02
+502316-02	+447978-02	+293774-02	+282447-02
+104794-01	+104795-01	+104809-01	+104784-01
+102991-01	+911862-02	+664686-02	+539185-02

SILVER

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
18	2	+100000+13

+917324-23	+685461-23	+536108-23	+165264-23
+986478-26	+716881-29	+666987-32	+000000+00
+114622-22	+912015-23	+742987-23	+262461-23
+267027-24	+196207-28	+296239-31	+000000+00
+127366-22	+103913-22	+867269-23	+366191-23
+640396-24	+601346-28	+284332-30	+000000+00
+135991-22	+112522-22	+952604-23	+443738-23
+939072-24	+103604-27	+246624-29	+000000+00
+137180-22	+113717-22	+964360-23	+454375-23
+980220-24	+441168-27	+263666-28	+000000+00
+137241-22	+113777-22	+964934-23	+454773-23
+983398-24	+286237-26	+190367-27	+000000+00
+137552-22	+114006-22	+967908-23	+457132-23
+100407-23	+186614-26	+127211-26	+286260-38

ELEMENT	FUNCTION	PHI
18	2	+100000+14

+917330-22	+685467-22	+536113-22	+165265-22
+986479-24	+727603-28	+130640-30	+000000+00
+114625-21	+912043-22	+743013-22	+262468-22
+267030-23	+216402-27	+167707-29	+000000+00
+127378-21	+103925-21	+867373-22	+366223-22
+640437-23	+814364-27	+242208-28	+000000+00
+136032-21	+112569-21	+952963-22	+443868-22
+939471-23	+408232-26	+233139-27	+000000+00
+137349-21	+113883-21	+965880-22	+455116-22
+984600-23	+371430-26	+249336-26	+661056-38
+137948-21	+114479-21	+971509-22	+458995-22
+101568-22	+276441-24	+187992-25	+423020-37
+140974-21	+117492-21	+100058-21	+481855-22
+121646-22	+180320-23	+123338-24	+277536-36

ELEMENT	FUNCTION	PHI
18	2	+300000+14

+275203-21	+206644-21	+160837-21	+495805-22
+295946-23	+225694-27	+892299-30	+000000+00
+343893-21	+273632-21	+222921-21	+787452-22
+801108-23	+783834-27	+142434-28	+000000+00
+382214-21	+311854-21	+260282-21	+109889-21
+192158-22	+462439-26	+215078-27	+000000+00
+408367-21	+337976-21	+286129-21	+133247-21
+282106-22	+325206-26	+208666-26	+469541-38
+413165-21	+342758-21	+290774-21	+137026-21
+298180-22	+327848-24	+222888-25	+501543-37
+418489-21	+348049-21	+295769-21	+140454-21
+325680-22	+243037-23	+166156-24	+373886-36
+444276-21	+373721-21	+320421-21	+159683-21
+492678-22	+162016-22	+104004-23	+234031-35

ELEMENT	FUNCTION	PHI
18	2	+100000+15

+917388-21	+685525-21	+536164-21	+165280-21
+986494-23	+837413-27	+882023-29	+000000+00
+114654-20	+912331-21	+743266-21	+262541-21
+267056-22	+418287-26	+164913-27	+000000+00
+127499-20	+104044-20	+868426-21	+366547-21
+640845-22	+393071-25	+237460-26	+534334-38
+136439-20	+112971-20	+956552-21	+445160-21
+943424-22	+343183-24	+230207-25	+618013-37
+139014-20	+115532-20	+980903-21	+462382-21
+102612-21	+365421-23	+242719-24	+546167-36
+144679-20	+121161-20	+103396-20	+498300-21
+131162-21	+253863-22	+173661-23	+390772-35
+168695-20	+145056-20	+126213-20	+669264-21
+276246-21	+136339-21	+932868-23	+209914-34

ELEMENT	FUNCTION	PHI
18	2	+300000+15

+275255-20	+206696-20	+160883-20	+495934-21
+295958-22	+324402-26	+766335-28	+000000+00
+344156-20	+273891-20	+223149-20	+788105-21
+801346-22	+259797-25	+138378-26	+311379-38
+383298-20	+312924-20	+261228-20	+110179-20
+192623-21	+324103-24	+212320-25	+477764-37
+412013-20	+341578-20	+289341-20	+134400-20
+285601-21	+299780-23	+203742-24	+458461-36
+427789-20	+357236-20	+303950-20	+143304-20
+333413-21	+302228-22	+206658-23	+465024-35
+473266-20	+402400-20	+346331-20	+170936-20
+547181-21	+193697-21	+132525-22	+298209-34
+617612-20	+545802-20	+481332-20	+261388-20
+126101-20	+739602-21	+606067-22	+113875-33

ELEMENT	FUNCTION	PHI
18	2	+100000+16

+917973-20	+686102-20	+536672-20	+165422-20
+986637-22	+193264-25	+837627-27	+188483-38
+114945-19	+916204-20	+745798-20	+263265-20
+267319-21	+242296-24	+162664-25	+343625-37
+128697-19	+105227-19	+878889-20	+369756-20
+644816-21	+343003-23	+231653-24	+521042-36
+140420-19	+116904-19	+991615-20	+457630-20
+979913-21	+313366-22	+213961-23	+481467-35
+154017-19	+130379-19	+111550-19	+523522-20
+134649-20	+279786-21	+191398-22	+430684-34
+190571-19	+166635-19	+145155-19	+719119-20
+272306-20	+133326-20	+912264-22	+205276-33
+261641-19	+237058-19	+209820-19	+106075-19
+490462-20	+300164-20	+206379-21	+462146-33

SILVER

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
18	3	+100000+13	
+173157-26	+173770-26	+164143-26	+496226-27
+176216-28	+262401-32	+864989-34	+000000+00
+237767-26	+237582-26	+221252-26	+709220-27
+474678-28	+101129-31	+458600-33	+000000+00
+260416-26	+260161-26	+243238-26	+890057-27
+113923-27	+727179-31	+441662-32	+000000+00
+275824-26	+275553-26	+258483-26	+102862-26
+167672-27	+669331-30	+381366-31	+000000+00
+278665-26	+278391-26	+261295-26	+105452-26
+181710-27	+676963-29	+393937-30	+000000+00
+283856-26	+283579-26	+266464-26	+110517-26
+230679-27	+432163-28	+296620-29	+000000+00
+317434-26	+317151-26	+299967-26	+143615-26
+661711-27	+288726-27	+197666-28	+000000+00

ELEMENT	FUNCTION	PHI	
18	3	+100000+14	
+173161-25	+173774-25	+164145-25	+496236-26
+176238-27	+422486-31	+202881-32	+000000+00
+237787-25	+237601-25	+221269-25	+709298-26
+474988-27	+414744-30	+260446-31	+000000+00
+260541-25	+260286-25	+243356-25	+890855-26
+114558-26	+667894-29	+376143-30	+000000+00
+276652-25	+276379-25	+259286-25	+103543-25
+173862-26	+530326-28	+362060-29	+000000+00
+286157-25	+285875-25	+268700-25	+112435-25
+248177-26	+666008-27	+387212-28	+000000+00
+337454-25	+337151-25	+319792-25	+162491-25
+732090-26	+426672-26	+291947-27	+000000+00
+662096-25	+661716-25	+643678-25	+482378-25
+383449-25	+279926-26	+191641-26	+431006-38

ELEMENT	FUNCTION	PHI	
18	3	+300000+14	
+519503-25	+521342-25	+492456-25	+148877-25
+526863-27	+240310-30	+138672-31	+000000+00
+713488-25	+712930-25	+663923-25	+212842-25
+142770-26	+333499-29	+221196-30	+000000+00
+782462-25	+781691-25	+730852-25	+267788-25
+347900-26	+490590-28	+334011-29	+000000+00
+835467-25	+834629-25	+783199-25	+315166-25
+562764-26	+473942-27	+324064-28	+000000+00
+908041-25	+907136-25	+855092-25	+383486-25
+118401-25	+605896-26	+346140-27	+000000+00
+136083-24	+135973-24	+130605-24	+825175-25
+646360-26	+377107-26	+268037-26	+580637-38
+407722-24	+407646-24	+401579-24	+349988-24
+313880-24	+236046-24	+161616-25	+363446-37

ELEMENT	FUNCTION	PHI	
18	3	+100000+15	
+173193-24	+173806-24	+164174-24	+496332-25
+175461-26	+212780-29	+136976-30	+000000+00
+237979-24	+237791-24	+221442-24	+710082-25
+479088-26	+364999-28	+240577-29	+000000+00
+261797-24	+261534-24	+244532-24	+898816-25
+120886-25	+639761-27	+368771-28	+000000+00
+284878-24	+284579-24	+267260-24	+110310-24
+235261-25	+622690-26	+357506-27	+000000+00
+359158-24	+358788-24	+340836-24	+180375-24
+894500-25	+660879-25	+376937-26	+848186-38
+830036-24	+829464-24	+809718-24	+639187-24
+532793-24	+394136-24	+269692-25	+606861-37
+319833-23	+319706-23	+317113-23	+296492-23
+278590-23	+211721-23	+144872-24	+325993-36

ELEMENT	FUNCTION	PHI	
18	3	+300000+15	
+519796-24	+521631-24	+492712-24	+148964-24
+527870-26	+177478-28	+118866-29	+000000+00
+715215-24	+714639-24	+665473-24	+213546-24
+146454-25	+316082-27	+214898-28	+000000+00
+793723-24	+792879-24	+741397-24	+274917-24
+404528-25	+482121-26	+329729-27	+000000+00
+908420-24	+907354-24	+853892-24	+375035-24
+110648-24	+462443-26	+316407-26	+711981-38
+152877-23	+152709-23	+146814-23	+959308-24
+665556-24	+469029-24	+320936-26	+722172-37
+507047-23	+506707-23	+499281-23	+439863-23
+398521-23	+300776-23	+205809-24	+463112-36
+168586-22	+168500-22	+167292-22	+158744-22
+150708-22	+114855-22	+785911-24	+176846-35

ELEMENT	FUNCTION	PHI	
18	3	+100000+16	
+173518-23	+174127-23	+164460-23	+497293-24
+177686-26	+191366-27	+130082-28	+000000+00
+239894-23	+239687-23	+223160-23	+717882-24
+619797-26	+346822-26	+237083-27	+000000+00
+274156-23	+273813-23	+256098-23	+976692-24
+182567-24	+626608-26	+369697-26	+809167-38
+361956-23	+361407-23	+341858-23	+173039-23
+801918-24	+486612-24	+332278-26	+747693-37
+930889-23	+929696-23	+904416-23	+704534-23
+685431-23	+434392-23	+297237-24	+668843-36
+325086-22	+324806-22	+320846-22	+293003-22
+272472-22	+207042-22	+141671-23	+318789-36
+699314-22	+698688-22	+691651-22	+647085-22
+611248-22	+466123-22	+318960-23	+717702-36

SILVER

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
18	4	+100000+13

+364561-25	+193257-25	+122735-25	+417200-26
+216099-27	+167336-31	+907908-34	+000000+00
+424444-25	+252610-25	+177594-25	+694556-26
+581673-27	+487766-31	+481260-33	+000000+00
+456231-25	+284294-25	+208397-25	+938209-26
+139401-26	+167886-30	+463471-32	+000000+00
+475003-25	+303047-25	+226960-25	+110698-25
+204432-26	+731860-30	+600278-31	+000000+00
+477638-25	+305679-25	+229560-25	+113072-25
+214001-26	+619600-29	+413483-30	+000000+00
+478184-25	+306224-25	+230111-25	+113605-25
+219146-26	+464996-28	+310288-29	+000000+00
+481706-25	+309745-25	+233625-25	+117078-25
+262842-26	+303192-27	+207358-28	+000000+00

ELEMENT	FUNCTION	PHI
18	4	+100000+14

+364561-24	+193258-24	+122735-24	+417201-25
+216101-26	+186247-30	+212948-32	+000000+00
+424446-24	+252612-24	+177596-24	+694564-25
+581716-26	+816942-30	+273368-31	+000000+00
+456244-24	+284307-24	+208399-24	+938292-25
+139467-26	+677134-29	+394807-30	+000000+00
+475089-24	+303132-24	+227044-24	+110770-24
+206082-26	+670066-28	+380024-29	+000000+00
+478421-24	+306461-24	+230342-24	+113804-24
+220978-26	+695493-27	+406426-28	+000000+00
+483800-24	+311837-24	+235700-24	+119058-24
+271776-26	+447983-26	+306433-27	+000000+00
+517850-24	+345880-24	+269674-24	+152628-24
+697409-26	+293828-26	+201046-26	+462392-38

ELEMENT	FUNCTION	PHI
18	4	+300000+14

+109369-23	+579775-24	+368207-24	+125161-24
+645318-26	+674941-30	+146448-31	+000000+00
+127335-23	+757848-24	+532799-24	+208375-24
+174544-26	+464533-29	+232172-30	+000000+00
+136882-23	+853007-24	+625278-24	+281543-24
+418845-26	+642400-28	+350584-29	+000000+00
+142584-23	+909968-24	+681687-24	+332784-24
+619666-26	+601486-27	+340133-28	+000000+00
+144045-23	+924559-24	+696150-24	+346255-24
+709063-26	+631418-26	+363315-27	+000000+00
+148791-23	+972006-24	+743431-24	+392604-24
+118722-24	+395861-25	+270841-26	+609447-38
+177281-23	+125684-23	+102766-23	+673292-24
+387934-24	+247762-24	+169531-26	+381479-37

ELEMENT	FUNCTION	PHI
18	4	+100000+15

+364564-23	+193261-23	+122738-23	+417211-24
+215124-25	+364240-29	+143773-30	+000000+00
+424465-23	+252631-23	+177613-23	+694644-24
+582146-25	+410775-28	+262614-29	+000000+00
+456373-23	+284435-23	+208520-23	+939120-24
+140131-24	+575689-27	+387069-28	+000000+00
+475943-23	+303984-23	+227873-23	+111478-23
+211526-24	+649863-26	+376245-27	+000000+00
+486052-23	+314083-23	+237886-23	+120928-23
+288817-24	+678353-26	+395640-26	+890271-38
+535407-23	+363418-23	+287041-23	+169070-23
+754163-24	+413707-24	+283073-26	+636973-37
+783754-23	+611695-23	+534696-23	+413126-23
+311906-23	+222228-23	+162061-24	+342168-36

ELEMENT	FUNCTION	PHI
18	4	+300000+15

+109371-22	+579804-23	+368232-23	+125170-23
+645529-25	+228565-28	+124762-29	+000000+00
+127352-22	+758021-23	+532956-23	+208447-23
+174930-24	+342164-27	+225561-28	+000000+00
+136997-22	+854155-23	+626362-23	+282285-23
+424789-24	+608790-26	+346090-27	+000000+00
+143341-22	+917518-23	+689034-23	+339047-23
+676531-24	+486791-26	+332107-26	+747308-38
+150532-22	+989351-23	+760251-23	+406626-23
+128337-23	+492343-24	+336860-26	+758005-37
+187646-22	+136032-22	+112969-22	+767481-23
+476775-23	+315703-23	+216021-24	+486091-36
+311195-22	+259528-22	+235998-22	+197156-22
+164034-22	+120655-22	+824906-24	+185621-35

ELEMENT	FUNCTION	PHI
18	4	+100000+16

+364597-22	+193293-22	+122766-22	+417308-23
+215368-24	+214960-27	+136636-28	+000000+00
+424659-22	+252823-22	+177787-22	+695445-23
+586419-24	+367847-26	+248847-27	+000000+00
+457640-22	+285695-22	+209708-22	+947222-23
+146606-23	+552603-25	+377440-26	+849317-38
+483941-22	+311956-22	+235622-22	+118039-22
+271003-23	+609842-24	+348766-25	+784792-37
+545760-22	+373709-22	+296779-22	+175871-22
+809408-23	+456969-23	+311986-24	+702030-36
+788695-22	+616482-22	+538117-22	+409326-22
+305486-22	+217317-22	+148701-23	+334607-36
+118024-21	+100768-21	+926235-22	+780674-22
+661070-22	+489262-22	+334776-23	+763314-36

SILVER

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
18	5	+100000+13

+582882-30	+592982-30	+682207-30	+117394-29
+136416-29	+136416-29	+136416-29	+136416-29
+307499-29	+308842-29	+320558-29	+384516-29
+409247-29	+409247-29	+409247-29	+409247-29
+126092-28	+126228-28	+127417-28	+133905-28
+136413-28	+136413-28	+136413-28	+136413-28
+398896-28	+399033-28	+400222-28	+406710-28
+409219-28	+409219-28	+409219-28	+409219-28
+135349-27	+135362-27	+135481-27	+136130-27
+136381-27	+136381-27	+136381-27	+136381-27
+407897-27	+407911-27	+408030-27	+408679-27
+408930-27	+408930-27	+408930-27	+408930-27
+135958-26	+135959-26	+135971-26	+136036-26
+136061-26	+136061-26	+136061-26	+136061-26

ELEMENT	FUNCTION	PHI
18	5	+100000+14

+582873-29	+592973-29	+682200-29	+117394-28
+136416-28	+136416-28	+136416-28	+136416-28
+307482-28	+308825-28	+320542-28	+384503-28
+409236-28	+409236-28	+409236-28	+409236-28
+126064-27	+126201-27	+127390-27	+133879-27
+136388-27	+136388-27	+136388-27	+136388-27
+398622-27	+398759-27	+399949-27	+406442-27
+408963-27	+408963-27	+408963-27	+408963-27
+135034-26	+135047-26	+135167-26	+135817-26
+136069-26	+136069-26	+136069-26	+136069-26
+405047-26	+405061-26	+405181-26	+405836-26
+406089-26	+406089-26	+406089-26	+406089-26
+132842-25	+132843-25	+132856-25	+132922-25
+132948-25	+132948-25	+132948-25	+132948-25

ELEMENT	FUNCTION	PHI
18	5	+300000+14

+174856-28	+177886-28	+204655-28	+352184-28
+409252-28	+409252-28	+409252-28	+409252-28
+922330-28	+926360-28	+961516-28	+115343-27
+122763-27	+122763-27	+122763-27	+122763-27
+378010-27	+378420-27	+381990-27	+401468-27
+409000-27	+409000-27	+409000-27	+409000-27
+119405-26	+119446-26	+119803-26	+121755-26
+122509-26	+122509-26	+122509-26	+122509-26
+403016-26	+403058-26	+403417-26	+405381-26
+406140-26	+406140-26	+406140-26	+406140-26
+119656-25	+119661-25	+119697-25	+119897-25
+119974-25	+119974-25	+119974-25	+119974-25
+379220-25	+379224-25	+379263-25	+379475-25
+379556-25	+379556-25	+379556-25	+379556-25

ELEMENT	FUNCTION	PHI
18	5	+100000+15

+582786-28	+592888-28	+682129-28	+117395-27
+136420-27	+136421-27	+136421-27	+136421-27
+307309-27	+308653-27	+320378-27	+384379-27
+409127-27	+409127-27	+409127-27	+409127-27
+125791-26	+125928-26	+127120-26	+133625-26
+136141-26	+136141-26	+136141-26	+136141-26
+395905-26	+396042-26	+397242-26	+403785-26
+406315-26	+406315-26	+406315-26	+406315-26
+131961-25	+131975-25	+132098-25	+132765-25
+133024-25	+133024-25	+133024-25	+133024-25
+378602-25	+378617-25	+378747-25	+379452-25
+379724-25	+379724-25	+379724-25	+379724-25
+108248-24	+108249-24	+108265-24	+108348-24
+108380-24	+108380-24	+108380-24	+108380-24

ELEMENT	FUNCTION	PHI
18	5	+300000+15

+174778-27	+177809-27	+204592-27	+352192-27
+409288-27	+409289-27	+409289-27	+409289-27
+920780-27	+924818-27	+960042-27	+115231-26
+122665-26	+122665-26	+122665-26	+122665-26
+375564-26	+375977-26	+379574-26	+399195-26
+406782-26	+406782-26	+406782-26	+406782-26
+116998-25	+117040-25	+117406-25	+119403-25
+120175-25	+120175-25	+120175-25	+120175-25
+376836-25	+376881-25	+377269-25	+379383-25
+380201-25	+380201-25	+380201-25	+380201-25
+992996-25	+993048-25	+993497-25	+995933-25
+996874-25	+996874-25	+996874-25	+996874-25
+235692-24	+235699-24	+235762-24	+236103-24
+236236-24	+236236-24	+236236-24	+236236-24

ELEMENT	FUNCTION	PHI
18	5	+100000+16

+581915-27	+592035-27	+681427-27	+117405-26
+136461-26	+136461-26	+136461-26	+136461-26
+305596-26	+306949-26	+318748-26	+383145-26
+408046-26	+408046-26	+408046-26	+408046-26
+123122-25	+123262-25	+124485-25	+131149-25
+133725-25	+133725-25	+133725-25	+133725-25
+370636-25	+370784-25	+372077-25	+379115-25
+381836-25	+381836-25	+381836-25	+381836-25
+107670-24	+107688-24	+107841-24	+108669-24
+108989-24	+108989-24	+108989-24	+108989-24
+235447-24	+235471-24	+235682-24	+236817-24
+237255-24	+237255-24	+237255-24	+237255-24
+450043-24	+450082-24	+450419-24	+452220-24
+452916-24	+452916-24	+452916-24	+452916-24

SILVER

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
18	6	+100000+13

+120097-12	+120510-12	+113633-12	+322505-13
+365424-16	+271186-20	+618256-23	+139120-34
+160206-12	+160056-12	+148455-12	+420636-13
+988438-16	+757896-20	+327716-22	+737427-34
+163086-12	+162900-12	+151002-12	+430220-13
+236991-15	+216470-19	+315609-21	+710184-33
+163416-12	+163229-12	+151327-12	+433114-13
+347631-16	+648161-19	+272576-20	+613363-32
+163496-12	+163308-12	+151401-12	+433597-13
+363080-16	+437656-18	+281568-19	+633587-31
+163602-12	+163414-12	+151494-12	+433882-13
+366689-16	+311401-17	+211296-18	+475459-30
+163986-12	+163793-12	+151831-12	+434990-13
+389636-16	+206620-16	+141204-17	+317738-29

ELEMENT	FUNCTION	PHI
18	6	+100000+14

+120100-11	+120512-11	+113635-11	+322510-12
+365426-15	+283341-19	+146011-21	+326303-33
+160217-11	+160066-11	+148464-11	+420662-12
+988467-15	+982063-19	+186154-20	+418885-32
+163129-11	+162943-11	+151039-11	+430324-12
+237036-14	+663262-18	+268850-19	+604969-31
+163552-11	+163363-11	+151445-11	+433447-12
+347974-14	+403176-17	+268784-18	+582317-30
+163961-11	+163767-11	+151806-11	+434758-12
+367831-14	+407074-16	+276762-17	+622771-29
+165024-11	+164817-11	+152734-11	+437600-12
+402429-14	+305218-15	+208671-16	+469552-28
+168832-11	+168577-11	+156070-11	+448537-12
+624177-14	+200103-14	+136905-15	+308064-27

ELEMENT	FUNCTION	PHI
18	6	+300000+14

+360313-11	+361550-11	+340918-11	+967565-12
+109629-14	+931196-19	+990451-21	+222872-32
+480723-11	+480269-11	+445454-11	+126216-11
+296560-14	+444054-18	+158101-19	+355760-31
+489676-11	+489111-11	+453368-11	+129167-11
+711410-14	+400000-17	+238736-18	+537206-30
+491563-11	+490986-11	+455123-11	+130256-11
+104686-13	+345990-16	+231619-17	+521191-29
+494976-11	+494365-11	+458108-11	+131200-11
+113491-13	+362347-16	+247405-16	+556712-28
+504500-11	+503756-11	+466419-11	+133742-11
+144011-13	+269615-14	+184434-15	+415013-27
+538164-11	+536997-11	+495901-11	+143328-11
+329381-13	+168722-13	+116446-14	+259774-26

ELEMENT	FUNCTION	PHI
18	6	+100000+15

+120121-10	+120533-10	+113654-10	+322562-11
+365442-14	+406230-18	+979046-20	+220305-31
+160324-10	+160172-10	+148557-10	+420921-11
+988761-14	+322299-17	+171954-18	+386931-30
+163560-10	+163368-10	+151414-10	+431371-11
+237489-13	+402239-16	+263581-17	+593111-29
+164912-10	+164705-10	+152626-10	+436771-11
+352363-13	+376937-15	+255630-16	+574994-28
+168583-10	+168329-10	+155826-10	+446300-11
+414031-13	+393996-14	+269418-15	+606245-27
+178985-10	+178697-10	+164901-10	+473929-11
+730928-13	+281736-13	+192764-14	+433757-26
+214199-10	+213364-10	+195695-10	+571642-11
+234137-12	+161331-12	+103648-13	+233005-25

ELEMENT	FUNCTION	PHI
18	6	+300000+15

+360507-10	+361742-10	+341087-10	+968035-11
+109643-13	+202796-17	+849622-19	+191160-30
+481684-10	+481218-10	+446289-10	+126449-10
+296824-13	+246776-16	+163599-17	+345630-29
+493551-10	+492935-10	+456733-10	+130108-10
+715460-13	+349634-15	+236676-16	+530318-28
+503759-10	+503020-10	+465719-10	+133236-10
+108566-12	+331267-14	+226154-15	+508892-27
+536058-10	+534896-10	+493833-10	+141443-10
+162602-12	+335316-13	+229391-14	+516176-26
+625273-10	+622956-10	+571621-10	+164871-10
+389886-12	+214988-12	+147103-13	+331012-25
+895413-10	+889609-10	+807261-10	+236384-10
+118226-11	+820942-12	+561734-13	+126402-24

ELEMENT	FUNCTION	PHI
18	6	+100000+16

+120337-09	+120746-09	+113841-09	+323085-10
+365602-13	+162094-16	+929766-18	+209216-29
+161391-09	+161225-09	+149484-09	+423505-10
+991678-13	+264749-15	+169467-16	+381312-28
+167849-09	+167600-09	+155138-09	+441780-10
+241899-12	+377326-14	+267024-15	+578357-27
+178293-09	+177909-09	+164251-09	+469456-10
+392874-12	+347336-13	+237497-14	+534417-26
+212286-09	+211455-09	+193822-09	+554779-10
+768666-12	+310609-12	+212461-13	+478059-25
+296596-09	+294664-09	+267237-09	+770628-10
+229770-11	+147987-11	+101260-12	+227856-24
+478897-09	+474572-09	+425860-09	+123047-09
+471924-11	+333166-11	+227971-12	+512982-24

SILVER

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
18	7	+100000+13

+345681-13	+348299-13	+357900-13	+187885-13
+296329-16	+298567-19	+607951-21	+136801-32
+612561-13	+612873-13	+602606-13	+301858-13
+797200-16	+103896-18	+322264-20	+726137-32
+692453-13	+692293-13	+677957-13	+349735-13
+190336-14	+689829-18	+310348-19	+698348-31
+718093-13	+717904-13	+703320-13	+372761-13
+279184-14	+411697-17	+268033-18	+603130-30
+722063-13	+721871-13	+707254-13	+376581-13
+296013-14	+408719-16	+276876-17	+623027-29
+725611-13	+725419-13	+710801-13	+379917-13
+330434-14	+303856-16	+207774-16	+467535-28
+748857-13	+748664-13	+734040-13	+403094-13
+566069-14	+202941-14	+138850-16	+312442-27

ELEMENT	FUNCTION	PHI
18	7	+100000+14

+345681-12	+348299-12	+357901-12	+187886-12
+296345-14	+418110-18	+142594-19	+320865-31
+612564-12	+612876-12	+602609-12	+301861-12
+797489-14	+324317-17	+183062-18	+411904-30
+692499-12	+692339-12	+678003-12	+349781-12
+190781-13	+399986-16	+264370-17	+594886-29
+718541-12	+718353-12	+703768-12	+373208-12
+283634-13	+373890-16	+254471-16	+572612-28
+726876-12	+726684-12	+712066-12	+381179-12
+342729-13	+397936-14	+272149-16	+612391-27
+761918-12	+761725-12	+747097-12	+416117-12
+682848-13	+299896-13	+205193-14	+461726-26
+986563-12	+986364-12	+971676-12	+640094-12
+286336-12	+196744-12	+134623-13	+302930-25

ELEMENT	FUNCTION	PHI
18	7	+300000+14

+103705-11	+104490-11	+107370-11	+563658-12
+889139-14	+206261-17	+973944-19	+219157-30
+183771-11	+183865-11	+180785-11	+905604-12
+239439-13	+244243-16	+155466-17	+349831-29
+207780-11	+207732-11	+203431-11	+104965-11
+575313-13	+347170-16	+234757-16	+528252-28
+215860-11	+215804-11	+211429-11	+112260-11
+879538-13	+333463-14	+227759-15	+512504-27
+221245-11	+221187-11	+216801-11	+117527-11
+133707-12	+365602-13	+243282-14	+547434-26
+252162-11	+252103-11	+247708-11	+148351-11
+433793-12	+265051-12	+181360-13	+408097-25
+439953-11	+439889-11	+435444-11	+335584-11
+225657-11	+166903-11	+113521-12	+255445-24

ELEMENT	FUNCTION	PHI
18	7	+100000+15

+345683-11	+348301-11	+357902-11	+187887-11
+296502-13	+161668-16	+962728-18	+216634-29
+612594-11	+612905-11	+602639-11	+301891-11
+800370-13	+252790-15	+169088-16	+380482-28
+692957-11	+692797-11	+678461-11	+350238-11
+195229-12	+380148-14	+259188-15	+583226-27
+722987-11	+722799-11	+708213-11	+377641-11
+326689-12	+367414-13	+251271-14	+565411-26
+773676-11	+773483-11	+758852-11	+427840-11
+796992-12	+387194-12	+264927-13	+596141-25
+109470-10	+109450-10	+107978-10	+747913-11
+391300-11	+277017-11	+189561-12	+426528-24
+272618-10	+272593-10	+271078-10	+237454-10
+197488-10	+148807-10	+101823-11	+229122-23

ELEMENT	FUNCTION	PHI
18	7	+300000+15

+103706-10	+104491-10	+107372-10	+563672-11
+890549-13	+128374-15	+835363-17	+187974-28
+183798-10	+183891-10	+180811-10	+905869-11
+242028-12	+222438-14	+151039-15	+339870-27
+208190-10	+208142-10	+203841-10	+105374-10
+615113-12	+339092-13	+231748-14	+521480-26
+219790-10	+219734-10	+215357-10	+116178-10
+126099-11	+326069-12	+222384-13	+500411-25
+260865-10	+260806-10	+256409-10	+157028-10
+518271-11	+329667-11	+226568-12	+507573-24
+501243-10	+501177-10	+496715-10	+396691-10
+285147-10	+211398-10	+144651-11	+325495-23
+130396-09	+130387-09	+129919-09	+119702-09
+106429-09	+807253-10	+562372-11	+124295-22

ELEMENT	FUNCTION	PHI
18	7	+100000+16

+345699-10	+348317-10	+357918-10	+187903-10
+298066-12	+136711-14	+914270-16	+205729-27
+612889-10	+613200-10	+602934-10	+302185-10
+828982-12	+244089-13	+166632-14	+374957-26
+697423-10	+697263-10	+682925-10	+354690-10
+238674-11	+369498-12	+262740-13	+568718-25
+764019-10	+763829-10	+749233-10	+418551-10
+724969-11	+341321-11	+233639-12	+525611-24
+113282-09	+113261-09	+111789-09	+785913-10
+428296-10	+306310-10	+208911-11	+470092-23
+268189-09	+268163-09	+266649-09	+233037-09
+193188-09	+145518-09	+995725-11	+224069-22
+513497-09	+513464-09	+511884-09	+477615-09
+431294-09	+327611-09	+224172-10	+504432-22

SILVER

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
18	8	+100000+13

+337433-13	+339991-13	+349573-13	+180315-13
+470597-17	+160689-20	+103043-21	+231867-33
+589933-13	+590200-13	+580050-13	+281354-13
+734628-17	+798222-20	+546193-21	+122906-32
+637923-13	+637751-13	+623835-13	+300537-13
+793601-17	+768733-19	+526014-20	+118364-31
+638009-13	+637837-13	+623914-13	+300576-13
+870446-17	+663918-18	+464294-19	+102225-30
+638092-13	+637920-13	+623998-13	+300659-13
+168042-16	+685820-17	+469281-18	+105698-29
+638693-13	+638521-13	+624599-13	+301258-13
+761333-16	+614667-16	+362160-17	+792432-29
+642633-13	+642461-13	+628537-13	+305187-13
+467666-16	+343932-16	+236340-16	+529563-28

ELEMENT	FUNCTION	PHI
18	8	+100000+14

+337433-12	+339991-12	+349573-12	+180315-12
+470862-16	+363204-19	+241684-20	+543839-32
+589934-12	+590200-12	+580051-12	+281354-12
+739514-16	+463419-18	+310257-19	+698142-31
+637930-12	+637759-12	+623843-12	+300544-12
+869177-16	+664843-17	+448084-18	+100828-29
+638085-12	+637913-12	+623990-12	+300652-12
+160785-16	+630324-16	+431307-17	+970529-29
+638908-12	+638736-12	+624813-12	+301472-12
+969839-16	+674113-16	+461270-16	+103796-27
+644847-12	+644675-12	+630751-12	+307394-12
+672445-14	+508262-14	+347784-15	+782586-27
+682923-12	+682749-12	+668815-12	+345356-12
+436820-13	+333461-13	+228176-14	+513440-26

ELEMENT	FUNCTION	PHI
18	8	+300000+14

+101230-11	+101997-11	+104872-11	+540945-12
+141436-15	+241246-18	+166075-19	+371453-31
+176980-11	+177060-11	+174016-11	+844067-12
+225111-15	+386090-17	+263502-18	+592933-30
+191384-11	+191333-11	+187158-11	+901685-12
+311101-15	+681494-16	+397894-17	+895343-29
+191476-11	+191424-11	+187248-11	+902459-12
+972788-15	+664169-16	+386032-16	+868652-28
+192212-11	+192160-11	+187983-11	+909795-12
+811486-14	+602609-14	+412342-15	+927854-27
+197452-11	+197400-11	+193222-11	+962039-12
+589765-13	+449228-13	+307389-14	+691689-26
+229281-11	+229228-11	+225041-11	+127938-11
+367922-12	+281190-12	+192408-13	+432957-25

ELEMENT	FUNCTION	PHI
18	8	+100000+15

+337433-11	+339991-11	+349573-11	+180315-11
+473519-15	+238460-17	+163174-18	+367176-30
+589939-11	+590205-11	+580056-11	+281359-11
+788361-15	+418831-16	+286590-17	+644886-29
+638008-11	+637837-11	+623920-11	+300622-11
+162304-14	+642008-15	+439302-16	+988619-28
+638838-11	+638666-11	+624744-11	+301403-11
+892215-14	+622398-14	+425883-15	+958324-27
+646840-11	+646668-11	+632743-11	+309381-11
+865922-13	+656225-13	+449030-14	+101041-25
+701252-11	+701078-11	+687138-11	+363630-11
+614728-12	+469517-12	+321273-13	+722929-25
+977773-11	+977591-11	+963578-11	+639329-11
+329876-11	+252214-11	+172581-12	+388342-24

ELEMENT	FUNCTION	PHI
18	8	+300000+15

+101230-10	+101998-10	+104872-10	+540947-11
+143826-14	+206919-16	+141587-17	+318600-29
+176985-10	+177065-10	+174020-10	+844112-11
+268996-14	+374125-15	+255999-16	+576050-28
+191454-10	+191402-10	+187228-10	+902378-11
+985683-14	+674039-14	+392793-15	+883864-27
+192142-10	+192090-10	+187913-10	+909100-11
+743000-13	+560846-13	+376923-14	+848154-26
+198927-10	+198875-10	+194696-10	+976747-11
+732962-12	+558730-12	+382318-13	+860294-25
+239669-10	+239616-10	+235426-10	+138295-10
+468752-11	+358301-11	+245171-12	+551686-24
+375722-10	+375665-10	+371439-10	+273944-10
+178934-10	+136822-10	+936223-12	+210669-23

ELEMENT	FUNCTION	PHI
18	8	+100000+16

+337436-10	+339994-10	+349576-10	+180318-10
+600013-14	+226464-15	+164961-16	+348694-28
+589989-10	+590255-10	+580106-10	+281409-10
+127330-13	+412740-14	+282428-15	+636620-27
+638765-10	+638594-10	+624677-10	+301377-10
+896967-13	+626037-13	+428373-14	+963928-26
+645793-10	+645621-10	+631696-10	+308337-10
+764266-12	+578476-12	+396829-13	+890696-25
+707712-10	+707538-10	+693596-10	+370071-10
+677434-11	+617471-11	+364086-12	+796766-24
+970265-10	+970083-10	+956072-10	+631844-10
+322588-10	+246641-10	+168767-11	+379760-23
+138604-09	+138585-09	+137172-09	+104638-09
+726150-10	+656273-10	+379952-11	+854969-23

SILVER

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
18	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
18	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
18	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
18	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
18	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
18	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

CADMIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
19	1	+100000+13

+242964-07	+243282-07	+245026-07	+268588-07
+309169-07	+342198-07	+342201-07	+342201-07
+790441-07	+790984-07	+794664-07	+831606-07
+936425-07	+102660-06	+102661-06	+102661-06
+285680-06	+285760-06	+286358-06	+292300-06
+320289-06	+342200-06	+342207-06	+342207-06
+940440-06	+940550-06	+941419-06	+949951-06
+994280-06	+102661-05	+102666-05	+102666-05
+333179-05	+333191-05	+333282-05	+334172-05
+338833-05	+342221-05	+342264-05	+342268-05
+101771-04	+101773-04	+101782-04	+101871-04
+102338-04	+102686-04	+102718-04	+102721-04
+341657-04	+341658-04	+341668-04	+341757-04
+342232-04	+342640-04	+342855-04	+342871-04

ELEMENT	FUNCTION	PHI
19	1	+100000+14

+242964-06	+243282-06	+245026-06	+268588-06
+309169-06	+342198-06	+342203-06	+342203-06
+790440-06	+790983-06	+794664-06	+831606-06
+936426-06	+102660-05	+102664-05	+102664-05
+285680-05	+285759-05	+286358-05	+292300-05
+320291-05	+342213-05	+342256-05	+342259-05
+940448-05	+940558-05	+941428-05	+949960-05
+994303-05	+102675-04	+102715-04	+102718-04
+333226-04	+333237-04	+333328-04	+334220-04
+338896-04	+342409-04	+342831-04	+342862-04
+101894-03	+101896-03	+101905-03	+101995-03
+102473-03	+102916-03	+103233-03	+103257-03
+344797-03	+344798-03	+344808-03	+344905-03
+345451-03	+346476-03	+348561-03	+348715-03

ELEMENT	FUNCTION	PHI
19	1	+300000+14

+728893-06	+729845-06	+735078-06	+805765-06
+927508-06	+102660-05	+102662-05	+102662-05
+237132-05	+237295-05	+238399-05	+249481-05
+280928-05	+307986-05	+308013-05	+308014-05
+857037-05	+857277-05	+859072-05	+876900-05
+960880-05	+102673-04	+102710-04	+102712-04
+282139-04	+282172-04	+282433-04	+284994-04
+298306-04	+308118-04	+308472-04	+308497-04
+999979-04	+100001-03	+100029-03	+100297-03
+101709-03	+102846-03	+103223-03	+103251-03
+306484-03	+306487-03	+306516-03	+306794-03
+308299-03	+310238-03	+313047-03	+313253-03
+105392-02	+105392-02	+105395-02	+105429-02
+105636-02	+106318-02	+108076-02	+108205-02

ELEMENT	FUNCTION	PHI
19	1	+100000+15

+242964-05	+243281-05	+245026-05	+268588-05
+309169-05	+342202-05	+342220-05	+342221-05
+790434-05	+790977-05	+794658-05	+831601-05
+936430-05	+102668-04	+102695-04	+102697-04
+285676-04	+285756-04	+286354-04	+292298-04
+320302-04	+342344-04	+342747-04	+342777-04
+940510-04	+940621-04	+941491-04	+950038-04
+994514-04	+102812-03	+103201-03	+103230-03
+333667-03	+333679-03	+333771-03	+334677-03
+339493-03	+344222-03	+348325-03	+348626-03
+103038-02	+103040-02	+103050-02	+103150-02
+103728-02	+105035-02	+107970-02	+108186-02
+369815-02	+369817-02	+369832-02	+369982-02
+371050-02	+376594-02	+392363-02	+393521-02

ELEMENT	FUNCTION	PHI
19	1	+300000+15

+728886-05	+729838-05	+735072-05	+805758-05
+927506-05	+102663-04	+102677-04	+102678-04
+237126-04	+237289-04	+238393-04	+249476-04
+280931-04	+308069-04	+308295-04	+308312-04
+856995-04	+857235-04	+859031-04	+876872-04
+960976-04	+102789-03	+103148-03	+103175-03
+282190-03	+282223-03	+282485-03	+285058-03
+298488-03	+309321-03	+312766-03	+313019-03
+100372-02	+100376-02	+100405-02	+100685-02
+102216-02	+104382-02	+107875-02	+108132-02
+315372-02	+315377-02	+315412-02	+315766-02
+318019-02	+326428-02	+348830-02	+350475-02
+119888-01	+119889-01	+119895-01	+119955-01
+120421-01	+123347-01	+131901-01	+132529-01

ELEMENT	FUNCTION	PHI
19	1	+100000+16

+242956-04	+243273-04	+245018-04	+268581-04
+309167-04	+342242-04	+342386-04	+342396-04
+790361-04	+790904-04	+794585-04	+831537-04
+936455-04	+102748-03	+103006-03	+103025-03
+285624-03	+285705-03	+286304-03	+292262-03
+320400-03	+343602-03	+347517-03	+347805-03
+941000-03	+941111-03	+941995-03	+950666-03
+996373-03	+104064-02	+107681-02	+107946-02
+337100-02	+337113-02	+337216-02	+338232-02
+344126-02	+368183-02	+390536-02	+392913-02
+109269-01	+109271-01	+109286-01	+109434-01
+110489-01	+115918-01	+131338-01	+132471-01
+422547-01	+422550-01	+422573-01	+422796-01
+424587-01	+436388-01	+471104-01	+473654-01

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
19	2	+100000+13	
+519167-23	+458188-23	+239102-23	+355553-24
+133700-26	+000000+00	+000000+00	+000000+00
+579119-23	+517893-23	+296699-23	+769218-24
+291389-26	+000000+00	+000000+00	+000000+00
+630473-23	+569061-23	+346222-23	+112643-23
+427559-26	+000000+00	+000000+00	+000000+00
+634862-23	+573434-23	+350454-23	+115695-23
+439197-26	+000000+00	+000000+00	+000000+00
+634865-23	+573437-23	+350457-23	+115698-23
+439205-26	+000000+00	+000000+00	+000000+00
+634865-23	+573437-23	+350457-23	+115698-23
+439205-26	+000000+00	+000000+00	+000000+00
+634865-23	+573437-23	+350457-23	+115698-23
+439205-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
19	2	+100000+14	
+519167-22	+458188-22	+239102-22	+355553-23
+133700-24	+000000+00	+000000+00	+000000+00
+579119-22	+517893-22	+296699-22	+769218-23
+291389-24	+188831-38	+000000+00	+000000+00
+630473-22	+569061-22	+346222-22	+112643-22
+427559-24	+277074-38	+000000+00	+000000+00
+634862-22	+573434-22	+350454-22	+115695-22
+439197-24	+284616-38	+000000+00	+000000+00
+634865-22	+573437-22	+350457-22	+115698-22
+439205-24	+284621-38	+000000+00	+000000+00
+634865-22	+573437-22	+350457-22	+115698-22
+439205-24	+284621-38	+000000+00	+000000+00
+634865-22	+573437-22	+350457-22	+115698-22
+439205-24	+284621-38	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
19	2	+300000+14	
+155750-21	+137456-21	+717305-22	+106666-22
+401100-24	+269928-38	+000000+00	+000000+00
+173736-21	+155368-21	+890096-22	+230765-22
+874168-24	+566494-38	+000000+00	+000000+00
+189142-21	+170718-21	+103866-21	+337928-22
+128268-23	+831223-38	+000000+00	+000000+00
+190459-21	+172030-21	+105136-21	+347086-22
+131759-23	+853848-38	+000000+00	+000000+00
+190459-21	+172031-21	+105137-21	+347093-22
+131762-23	+853864-38	+000000+00	+000000+00
+190459-21	+172031-21	+105137-21	+347093-22
+131762-23	+853864-38	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
19	2	+100000+15	
+519167-21	+458188-21	+239102-21	+355553-22
+133700-23	+866426-38	+000000+00	+000000+00
+579119-21	+517893-21	+296699-21	+769218-22
+291389-23	+188831-37	+000000+00	+000000+00
+630473-21	+569061-21	+346222-21	+112643-21
+427559-23	+277074-37	+000000+00	+000000+00
+634862-21	+573434-21	+350454-21	+115695-21
+439197-23	+284616-37	+000000+00	+000000+00
+634865-21	+573437-21	+350457-21	+115698-21
+439205-23	+284621-37	+000000+00	+000000+00
+634865-21	+573437-21	+350457-21	+115698-21
+439205-23	+284621-37	+000000+00	+000000+00
+634865-21	+573437-21	+350457-21	+115698-21
+439205-23	+284621-37	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
19	2	+300000+15	
+155750-20	+137456-20	+717305-21	+106666-21
+401100-23	+269928-37	+000000+00	+000000+00
+173736-20	+155368-20	+890097-21	+230765-21
+874168-23	+566494-37	+000000+00	+000000+00
+189142-20	+170718-20	+103866-20	+337928-21
+128268-22	+831223-37	+000000+00	+000000+00
+190459-20	+172030-20	+105136-20	+347086-21
+131759-22	+853848-37	+000000+00	+000000+00
+190459-20	+172031-20	+105137-20	+347093-21
+131762-22	+853864-37	+000000+00	+000000+00
+190459-20	+172031-20	+105137-20	+347093-21
+131762-22	+853864-37	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
19	2	+100000+16	
+519167-20	+458188-20	+239102-20	+355553-21
+133700-22	+866426-37	+000000+00	+000000+00
+579119-20	+517893-20	+296699-20	+769218-21
+291389-22	+188831-36	+000000+00	+000000+00
+630473-20	+569061-20	+346222-20	+112643-20
+427559-22	+277074-36	+000000+00	+000000+00
+634862-20	+573434-20	+350454-20	+115695-20
+439197-22	+284616-36	+000000+00	+000000+00
+634865-20	+573437-20	+350457-20	+115698-20
+439205-22	+284621-36	+000000+00	+000000+00
+634865-20	+573437-20	+350457-20	+115698-20
+439205-22	+284621-36	+000000+00	+000000+00

CADMIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
19	3	+100000+13

+163909-26	+164819-26	+161391-26	+116419-26
+443796-28	+000000+00	+000000+00	+000000+00
+361308-26	+361502-26	+351752-26	+253727-26
+967222-28	+000000+00	+000000+00	+000000+00
+531767-26	+531344-26	+516135-26	+372296-26
+141922-27	+000000+00	+000000+00	+000000+00
+546336-26	+545860-26	+530184-26	+382430-26
+145785-27	+000000+00	+000000+00	+000000+00
+546346-26	+545870-26	+530194-26	+382437-26
+145787-27	+000000+00	+000000+00	+000000+00
+546346-26	+545870-26	+530194-26	+382437-26
+145787-27	+000000+00	+000000+00	+000000+00
+546346-26	+545870-26	+530194-26	+382437-26
+145787-27	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	3	+100000+14

+163909-25	+164819-25	+161391-25	+116419-25
+443796-27	+000000+00	+000000+00	+000000+00
+361308-25	+361502-25	+351752-25	+253727-25
+967222-27	+000000+00	+000000+00	+000000+00
+531767-25	+531344-25	+516135-25	+372296-25
+141922-26	+000000+00	+000000+00	+000000+00
+546336-25	+545860-25	+530184-25	+382430-25
+145785-26	+000000+00	+000000+00	+000000+00
+546346-25	+545870-25	+530194-25	+382437-25
+145787-26	+000000+00	+000000+00	+000000+00
+546346-25	+545870-25	+530194-25	+382437-25
+145787-26	+000000+00	+000000+00	+000000+00
+546346-25	+545870-25	+530194-25	+382437-25
+145787-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	3	+300000+14

+491728-25	+494458-25	+484172-25	+349257-25
+133139-26	+000000+00	+000000+00	+000000+00
+108392-24	+108451-24	+105526-24	+761180-25
+290167-26	+000000+00	+000000+00	+000000+00
+159530-24	+159403-24	+154841-24	+111689-24
+425765-26	+000000+00	+000000+00	+000000+00
+163901-24	+163758-24	+159055-24	+114729-24
+437354-26	+000000+00	+000000+00	+000000+00
+163904-24	+163761-24	+159058-24	+114731-24
+437362-26	+000000+00	+000000+00	+000000+00
+163904-24	+163761-24	+159058-24	+114731-24
+437362-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	3	+100000+15

+163909-24	+164819-24	+161391-24	+116419-24
+443796-26	+000000+00	+000000+00	+000000+00
+361308-24	+361502-24	+351752-24	+253727-24
+967222-26	+000000+00	+000000+00	+000000+00
+531767-24	+531344-24	+516135-24	+372296-24
+141922-25	+000000+00	+000000+00	+000000+00
+546336-24	+545860-24	+530184-24	+382430-24
+145785-25	+000000+00	+000000+00	+000000+00
+546346-24	+545870-24	+530194-24	+382437-24
+145787-25	+000000+00	+000000+00	+000000+00
+546346-24	+545870-24	+530194-24	+382437-24
+145787-25	+000000+00	+000000+00	+000000+00
+546346-24	+545870-24	+530194-24	+382437-24
+145787-25	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	3	+300000+15

+491728-24	+494458-24	+484172-24	+349257-24
+133139-25	+000000+00	+000000+00	+000000+00
+108392-23	+108451-23	+105526-23	+761180-24
+290167-25	+000000+00	+000000+00	+000000+00
+159530-23	+159403-23	+154841-23	+111689-23
+425765-25	+000000+00	+000000+00	+000000+00
+163901-23	+163758-23	+159055-23	+114729-23
+437354-25	+000000+00	+000000+00	+000000+00
+163904-23	+163761-23	+159058-23	+114731-23
+437362-25	+000000+00	+000000+00	+000000+00
+163904-23	+163761-23	+159058-23	+114731-23
+437362-25	+000000+00	+000000+00	+000000+00
+163904-23	+163761-23	+159058-23	+114731-23
+437362-25	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	3	+100000+16

+163909-23	+164819-23	+161391-23	+116419-23
+443796-25	+000000+00	+000000+00	+000000+00
+361308-23	+361502-23	+351752-23	+253727-23
+967222-25	+000000+00	+000000+00	+000000+00
+531767-23	+531344-23	+516135-23	+372296-23
+141922-24	+000000+00	+000000+00	+000000+00
+546336-23	+545860-23	+530184-23	+382430-23
+145785-24	+000000+00	+000000+00	+000000+00
+546346-23	+545870-23	+530194-23	+382437-23
+145787-24	+000000+00	+000000+00	+000000+00
+546346-23	+545870-23	+530194-23	+382437-23
+145787-24	+000000+00	+000000+00	+000000+00
+546346-23	+545870-23	+530194-23	+382437-23
+145787-24	+000000+00	+000000+00	+000000+00

CADMIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
19	4	+100000+13	
+131893-25	+120841-25	+754665-26	+180106-26
+681544-28	+000000+00	+000000+00	+000000+00
+162340-25	+151169-25	+104768-25	+390973-26
+148538-27	+000000+00	+000000+00	+000000+00
+188518-25	+177252-25	+130013-25	+573062-26
+217951-27	+000000+00	+000000+00	+000000+00
+190755-25	+179481-25	+132171-25	+588624-26
+223884-27	+000000+00	+000000+00	+000000+00
+190757-25	+179483-25	+132172-25	+588635-26
+223888-27	+000000+00	+000000+00	+000000+00
+190757-25	+179483-25	+132172-25	+588635-26
+223888-27	+000000+00	+000000+00	+000000+00
+190757-25	+179483-25	+132172-25	+588635-26
+223888-27	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
19	4	+100000+14	
+131893-24	+120841-24	+754665-25	+180106-25
+681544-27	+000000+00	+000000+00	+000000+00
+162340-24	+151169-24	+104768-24	+390973-25
+148538-26	+000000+00	+000000+00	+000000+00
+188518-24	+177252-24	+130013-24	+573062-25
+217951-26	+000000+00	+000000+00	+000000+00
+190755-24	+179481-24	+132171-24	+588624-25
+223884-26	+000000+00	+000000+00	+000000+00
+190757-24	+179483-24	+132172-24	+588635-25
+223888-26	+000000+00	+000000+00	+000000+00
+190757-24	+179483-24	+132172-24	+588635-25
+223888-26	+000000+00	+000000+00	+000000+00
+190757-24	+179483-24	+132172-24	+588635-25
+223888-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
19	4	+300000+14	
+395679-24	+362522-24	+226399-24	+540318-25
+204463-26	+000000+00	+000000+00	+000000+00
+487020-24	+453507-24	+314305-24	+117292-24
+445613-26	+000000+00	+000000+00	+000000+00
+565553-24	+531756-24	+390039-24	+171919-24
+653853-26	+000000+00	+000000+00	+000000+00
+572265-24	+538443-24	+396512-24	+176587-24
+671650-26	+000000+00	+000000+00	+000000+00
+572270-24	+538448-24	+396516-24	+176591-24
+671663-26	+000000+00	+000000+00	+000000+00
+572270-24	+538448-24	+396516-24	+176591-24
+671663-26	+000000+00	+000000+00	+000000+00
+572270-24	+538448-24	+396516-24	+176591-24
+671663-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
19	4	+100000+15	
+131893-23	+120841-23	+754665-24	+180106-24
+681545-26	+000000+00	+000000+00	+000000+00
+162340-23	+151169-23	+104768-23	+390973-24
+148538-25	+000000+00	+000000+00	+000000+00
+188518-23	+177252-23	+130013-23	+573062-24
+217951-25	+000000+00	+000000+00	+000000+00
+190755-23	+179481-23	+132171-23	+588624-24
+223884-25	+000000+00	+000000+00	+000000+00
+190757-23	+179483-23	+132172-23	+588635-24
+223888-25	+000000+00	+000000+00	+000000+00
+190757-23	+179483-23	+132172-23	+588635-24
+223888-25	+000000+00	+000000+00	+000000+00
+190757-23	+179483-23	+132172-23	+588635-24
+223888-25	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
19	4	+300000+15	
+395679-23	+362522-23	+226399-23	+540318-24
+204463-25	+000000+00	+000000+00	+000000+00
+487020-23	+453507-23	+314305-23	+117292-23
+445613-25	+000000+00	+000000+00	+000000+00
+565553-23	+531756-23	+390039-23	+171919-23
+653853-25	+000000+00	+000000+00	+000000+00
+572265-23	+538443-23	+396512-23	+176587-23
+671651-25	+000000+00	+000000+00	+000000+00
+572270-23	+538448-23	+396516-23	+176591-23
+671663-25	+000000+00	+000000+00	+000000+00
+572270-23	+538448-23	+396516-23	+176591-23
+671663-25	+000000+00	+000000+00	+000000+00
+572270-23	+538448-23	+396516-23	+176591-23
+671663-25	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
19	4	+100000+16	
+131893-22	+120841-22	+754665-23	+180106-23
+681544-25	+000000+00	+000000+00	+000000+00
+162340-22	+151169-22	+104768-22	+390973-23
+148538-24	+000000+00	+000000+00	+000000+00
+188518-22	+177252-22	+130013-22	+573062-23
+217951-24	+000000+00	+000000+00	+000000+00
+190755-22	+179481-22	+132171-22	+588624-23
+223884-24	+000000+00	+000000+00	+000000+00
+190757-22	+179483-22	+132172-22	+588635-23
+223888-24	+000000+00	+000000+00	+000000+00
+190757-22	+179483-22	+132172-22	+588635-23
+223888-24	+000000+00	+000000+00	+000000+00

CADMIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
19	5	+100000+13

+106022-27	+107408-27	+117859-27	+143876-27
+144907-27	+144907-27	+144907-27	+144907-27
+393746-27	+395170-27	+405906-27	+432631-27
+433690-27	+433690-27	+433690-27	+433690-27
+139319-26	+139462-26	+140535-26	+143208-26
+143314-26	+143314-26	+143314-26	+143314-26
+415426-26	+415569-26	+416642-26	+419315-26
+419421-26	+419421-26	+419421-26	+419421-26
+128000-25	+128015-25	+128122-25	+128389-25
+128400-25	+128400-25	+128400-25	+128400-25
+305891-25	+305906-25	+306013-25	+306280-25
+306291-25	+306291-25	+306291-25	+306291-25
+532558-25	+532572-25	+532679-25	+532947-25
+532957-25	+532957-25	+532957-25	+532957-25

ELEMENT	FUNCTION	PHI
19	5	+100000+14

+105056-26	+106442-26	+116893-26	+142910-26
+143941-26	+143941-26	+143941-26	+143941-26
+381820-26	+383244-26	+393979-26	+420705-26
+421764-26	+421764-26	+421764-26	+421764-26
+125179-25	+125322-25	+126395-25	+129068-25
+129174-25	+129174-25	+129174-25	+129174-25
+304180-25	+304322-25	+305396-25	+308069-25
+308175-25	+308175-25	+308175-25	+308175-25
+532260-25	+532403-25	+533476-25	+536149-25
+536255-25	+536255-25	+536255-25	+536255-25
+580327-25	+580470-25	+581543-25	+584216-25
+584322-25	+584322-25	+584323-25	+584323-25
+582240-25	+582382-25	+583456-25	+586129-25
+586236-25	+586236-25	+586240-25	+586241-25

ELEMENT	FUNCTION	PHI
19	5	+300000+14

+308858-26	+313016-26	+344370-26	+422422-26
+426615-26	+426615-26	+426615-26	+426515-26
+107104-25	+107532-25	+110752-25	+118770-25
+119088-25	+119088-25	+119088-25	+119088-25
+300300-25	+300727-25	+303948-25	+311966-25
+312283-25	+312283-25	+312283-25	+312283-25
+517756-25	+518183-25	+521404-25	+529422-25
+529740-25	+529740-25	+529740-25	+529740-25
+580322-25	+580749-25	+583970-25	+591988-25
+592306-25	+592306-25	+592307-25	+592307-25
+582009-25	+582436-25	+585657-25	+593675-25
+593993-25	+593996-25	+594000-25	+594001-25
+586809-25	+587236-25	+590457-25	+598475-25
+598794-25	+598806-25	+598841-25	+598844-25

ELEMENT	FUNCTION	PHI
19	5	+100000+15

+960388-26	+974251-26	+107876-25	+133893-25
+134925-25	+134925-25	+134925-25	+134925-25
+285816-25	+287240-25	+297975-25	+324701-25
+325760-25	+325760-25	+325760-25	+325760-25
+529067-25	+530491-25	+541227-25	+567953-25
+569012-25	+569012-25	+569012-25	+569012-25
+580303-25	+581727-25	+592463-25	+619189-25
+620249-25	+620249-25	+620250-25	+620250-25
+582232-25	+583656-25	+594392-25	+621118-25
+622177-25	+622180-25	+622188-25	+622189-25
+586773-25	+588197-25	+598933-25	+625659-25
+626721-25	+626740-25	+626799-25	+626803-25
+603049-25	+604473-25	+615208-25	+641936-25
+643007-25	+643111-25	+643426-25	+643450-25

ELEMENT	FUNCTION	PHI
19	5	+300000+15

+238735-25	+242894-25	+274247-25	+352299-25
+355393-25	+355393-25	+355393-25	+355393-25
+503124-25	+507396-25	+539603-25	+619779-25
+622957-25	+622957-25	+622957-25	+622957-25
+580239-25	+584511-25	+616719-25	+696897-25
+700076-25	+700076-25	+700076-25	+700076-25
+582001-25	+586273-25	+618480-25	+698658-25
+701836-25	+701839-25	+701845-25	+701846-25
+586752-25	+591024-25	+623231-25	+703409-25
+706590-25	+706613-25	+706683-25	+706688-25
+600436-25	+604708-25	+636916-25	+717095-25
+720290-25	+720438-25	+720886-25	+720919-25
+650264-25	+654536-25	+686744-25	+766929-25
+770172-25	+770737-25	+772448-25	+772573-25

ELEMENT	FUNCTION	PHI
19	5	+100000+16

+461269-25	+475131-25	+579642-25	+839816-25
+850127-25	+850127-25	+850127-25	+850127-25
+579622-25	+593862-25	+701218-25	+968473-25
+979065-25	+979066-25	+979066-25	+979066-25
+582212-25	+596452-25	+703810-25	+971070-25
+981663-25	+981665-25	+981673-25	+981674-25
+586729-25	+600970-25	+708327-25	+975588-25
+986183-25	+986207-25	+986279-25	+986285-25
+602537-25	+616778-25	+724136-25	+991399-25
+100202-24	+100223-24	+100288-24	+100292-24
+648252-25	+662492-25	+769851-25	+103712-24
+104783-24	+104885-24	+105194-24	+105216-24
+810700-25	+824940-25	+932301-25	+119959-24
+121045-24	+121274-24	+121968-24	+122019-24

CADMIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
19	6	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	6	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	6	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	6	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	6	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	6	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

CADMIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
19	7	+100000+13

+598068-13	+564904-13	+343396-13	+551712-14
+207770-16	+134643-29	+000000+00	+000000+00
+691152-13	+657610-13	+432860-13	+119455-13
+462819-16	+293444-29	+000000+00	+000000+00
+770955-13	+737124-13	+509819-13	+174965-13
+664427-16	+430673-29	+000000+00	+000000+00
+777775-13	+743920-13	+516396-13	+179709-13
+682612-16	+442293-29	+000000+00	+000000+00
+777780-13	+743925-13	+516401-13	+179712-13
+682625-16	+442302-29	+000000+00	+000000+00
+777780-13	+743925-13	+516401-13	+179712-13
+682625-16	+442302-29	+000000+00	+000000+00
+777780-13	+743925-13	+516401-13	+179712-13
+682625-16	+442302-29	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	7	+100000+14

+598068-12	+564904-12	+343396-12	+551712-13
+207770-14	+134643-28	+000000+00	+000000+00
+691152-12	+657610-12	+432860-12	+119455-12
+462819-14	+293444-28	+000000+00	+000000+00
+770955-12	+737124-12	+509819-12	+174965-12
+664427-14	+430673-28	+000000+00	+000000+00
+777775-12	+743920-12	+516396-12	+179709-12
+682612-14	+442293-28	+000000+00	+000000+00
+777780-12	+743925-12	+516401-12	+179712-12
+682625-14	+442302-28	+000000+00	+000000+00
+777780-12	+743925-12	+516401-12	+179712-12
+682625-14	+442302-28	+000000+00	+000000+00
+777780-12	+743925-12	+516401-12	+179712-12
+682625-14	+442302-28	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	7	+300000+14

+179420-11	+169471-11	+103019-11	+165514-12
+623309-14	+403928-28	+000000+00	+000000+00
+207345-11	+197283-11	+129858-11	+358364-12
+135846-13	+880331-28	+000000+00	+000000+00
+231286-11	+221137-11	+152946-11	+524894-12
+199328-13	+129172-27	+000000+00	+000000+00
+233333-11	+223176-11	+154919-11	+539127-12
+204754-13	+132688-27	+000000+00	+000000+00
+233334-11	+223177-11	+154920-11	+539137-12
+204757-13	+132690-27	+000000+00	+000000+00
+233334-11	+223177-11	+154920-11	+539137-12
+204757-13	+132690-27	+000000+00	+000000+00
+233334-11	+223177-11	+154920-11	+539137-12
+204757-13	+132690-27	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	7	+100000+15

+598068-11	+564904-11	+343396-11	+551712-12
+207770-13	+134643-27	+000000+00	+000000+00
+691152-11	+657610-11	+432860-11	+119455-11
+462819-13	+293444-27	+000000+00	+000000+00
+770955-11	+737124-11	+509819-11	+174965-11
+664427-13	+430673-27	+000000+00	+000000+00
+777775-11	+743920-11	+516396-11	+179709-11
+682612-13	+442293-27	+000000+00	+000000+00
+777780-11	+743925-11	+516401-11	+179712-11
+682625-13	+442302-27	+000000+00	+000000+00
+777780-11	+743925-11	+516401-11	+179712-11
+682625-13	+442302-27	+000000+00	+000000+00
+777780-11	+743925-11	+516401-11	+179712-11
+682625-13	+442302-27	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	7	+300000+15

+179420-10	+169471-10	+103019-10	+165514-11
+623310-13	+403928-27	+000000+00	+000000+00
+207345-10	+197283-10	+129858-10	+358364-11
+135846-12	+880331-27	+000000+00	+000000+00
+231286-10	+221137-10	+152946-10	+524894-11
+199328-12	+129172-26	+000000+00	+000000+00
+233333-10	+223176-10	+154919-10	+539127-11
+204754-12	+132688-26	+000000+00	+000000+00
+233334-10	+223177-10	+154920-10	+539137-11
+204757-12	+132690-26	+000000+00	+000000+00
+233334-10	+223177-10	+154920-10	+539137-11
+204757-12	+132690-26	+000000+00	+000000+00
+233334-10	+223177-10	+154920-10	+539137-11
+204757-12	+132690-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	7	+100000+16

+598068-10	+564904-10	+343396-10	+551712-11
+207770-12	+134643-26	+000000+00	+000000+00
+691152-10	+657610-10	+432860-10	+119455-10
+462819-12	+293444-26	+000000+00	+000000+00
+770955-10	+737124-10	+509819-10	+174965-10
+664427-12	+430673-26	+000000+00	+000000+00
+777775-10	+743920-10	+516396-10	+179709-10
+682612-12	+442293-26	+000000+00	+000000+00
+777780-10	+743925-10	+516401-10	+179712-10
+682625-12	+442302-26	+000000+00	+000000+00
+777780-10	+743925-10	+516401-10	+179712-10
+682625-12	+442302-26	+000000+00	+000000+00

CADMIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
19	8	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	8	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	8	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	8	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	8	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	8	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

CADMIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
19	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
19	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

INDIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
20	1	+100000+13

+166841-08	+163870-08	+167235-08	+238748-08
+559725-08	+572460-08	+572460-08	+572460-08
+745675-08	+744733-08	+766093-08	+989664-08
+168961-07	+171737-07	+171737-07	+171737-07
+426347-07	+426430-07	+430132-07	+465635-07
+568356-07	+572428-07	+572428-07	+572428-07
+156670-06	+156680-06	+157064-06	+160726-06
+171278-06	+171696-06	+171696-06	+171696-06
+556903-06	+556913-06	+557296-06	+560959-06
+571511-06	+571929-06	+571929-06	+571929-06
+169739-05	+169740-05	+169778-05	+170145-05
+171200-05	+171242-05	+171242-05	+171242-05
+565389-05	+565390-05	+565428-05	+565795-05
+566850-05	+566892-05	+566892-05	+566892-05

ELEMENT	FUNCTION	PHI
20	1	+100000+14

+166838-07	+163867-07	+167232-07	+238745-07
+559722-07	+572457-07	+572457-07	+572457-07
+745572-07	+744630-07	+765990-07	+989561-07
+168951-06	+171727-06	+171727-06	+171727-06
+426062-06	+426145-06	+429848-06	+465351-06
+568071-06	+572144-06	+572144-06	+572144-06
+156297-05	+156307-05	+156691-05	+160353-05
+170905-05	+171324-05	+171324-05	+171324-05
+552158-05	+552168-05	+552552-05	+556214-05
+566766-05	+567185-05	+567185-05	+567185-05
+165357-04	+165358-04	+165396-04	+165762-04
+166818-04	+166860-04	+166860-04	+166860-04
+518404-04	+518405-04	+518444-04	+518810-04
+519865-04	+519907-04	+519907-04	+519907-04

ELEMENT	FUNCTION	PHI
20	1	+300000+14

+500496-07	+491580-07	+501675-07	+716215-07
+167915-06	+171735-06	+171735-06	+171735-06
+223603-06	+223321-06	+229729-06	+296800-06
+506785-06	+515111-06	+515111-06	+515111-06
+127629-05	+127654-05	+128765-05	+139416-05
+170232-05	+171454-05	+171454-05	+171454-05
+466419-05	+466448-05	+467599-05	+478587-05
+510242-05	+511497-05	+511497-05	+511497-05
+162542-04	+162545-04	+162660-04	+163759-04
+166924-04	+167050-04	+167050-04	+167050-04
+468448-04	+468451-04	+468566-04	+469665-04
+472830-04	+472956-04	+472956-04	+472956-04
+129448-03	+129448-03	+129459-03	+129569-03
+129886-03	+129898-03	+129898-03	+129898-03

ELEMENT	FUNCTION	PHI
20	1	+100000+15

+166809-06	+163837-06	+167202-06	+238715-06
+559693-06	+572427-06	+572427-06	+572427-06
+745545-06	+743603-06	+764963-06	+988534-06
+168849-05	+171624-05	+171624-05	+171624-05
+423231-05	+423314-05	+427017-05	+462520-05
+565240-05	+569313-05	+569313-05	+569313-05
+152634-04	+152644-04	+153027-04	+156690-04
+167242-04	+167660-04	+167660-04	+167660-04
+507573-04	+507583-04	+507966-04	+511629-04
+522181-04	+522599-04	+522599-04	+522599-04
+128928-03	+128929-03	+128968-03	+129334-03
+130389-03	+130431-03	+130431-03	+130431-03
+250041-03	+250042-03	+250080-03	+250447-03
+251502-03	+251544-03	+251544-03	+251544-03

ELEMENT	FUNCTION	PHI
20	1	+300000+15

+500230-06	+491315-06	+501410-06	+715949-06
+167888-05	+171709-05	+171709-05	+171709-05
+222682-05	+222399-05	+228807-05	+295878-05
+505864-05	+514190-05	+514190-05	+514190-05
+125111-04	+125136-04	+126247-04	+136898-04
+167714-04	+168936-04	+168936-04	+168936-04
+434712-04	+434741-04	+435892-04	+446880-04
+478535-04	+479790-04	+479790-04	+479790-04
+127416-03	+127419-03	+127534-03	+128633-03
+131799-03	+131924-03	+131924-03	+131924-03
+241003-03	+241006-03	+241121-03	+242220-03
+245386-03	+246511-03	+245511-03	+245511-03
+290441-03	+290444-03	+290559-03	+291657-03
+294823-03	+294949-03	+294949-03	+294949-03

ELEMENT	FUNCTION	PHI
20	1	+100000+16

+166515-05	+163543-05	+166908-05	+238421-05
+559399-05	+572133-05	+572133-05	+572133-05
+734419-05	+733478-05	+754838-05	+978408-05
+167836-04	+170611-04	+170611-04	+170611-04
+396384-04	+396467-04	+400169-04	+435672-04
+538393-04	+542465-04	+542465-04	+542465-04
+121770-03	+121780-03	+122163-03	+125826-03
+136378-03	+136796-03	+136796-03	+136796-03
+249706-03	+249716-03	+250100-03	+253763-03
+264315-03	+264733-03	+264733-03	+264733-03
+291932-03	+291942-03	+292325-03	+295988-03
+306540-03	+306958-03	+306958-03	+306958-03
+292769-03	+292779-03	+293163-03	+296826-03
+307378-03	+307796-03	+307796-03	+307796-03

INDIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
20	2	+100000+13

+542599-23	+433927-23	+220018-23	+391859-24
+146090-25	+000000+00	+000000+00	+000000+00
+608440-23	+499474-23	+283098-23	+843836-24
+318393-25	+000000+00	+000000+00	+000000+00
+664552-23	+555383-23	+337210-23	+123415-23
+467182-25	+000000+00	+000000+00	+000000+00
+669348-23	+560161-23	+341835-23	+126751-23
+479899-25	+000000+00	+000000+00	+000000+00
+669351-23	+560164-23	+341838-23	+126753-23
+479908-25	+000000+00	+000000+00	+000000+00
+669351-23	+560164-23	+341838-23	+126753-23
+479908-25	+000000+00	+000000+00	+000000+00
+669351-23	+560164-23	+341838-23	+126753-23
+479908-25	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	2	+100000+14

+542598-22	+433927-22	+220018-22	+391859-23
+146090-24	+000000+00	+000000+00	+000000+00
+608440-22	+499474-22	+283098-22	+843836-23
+318393-24	+206331-38	+000000+00	+000000+00
+664552-22	+555383-22	+337210-22	+123415-22
+467182-24	+302762-38	+000000+00	+000000+00
+669348-22	+560161-22	+341835-22	+126751-22
+479899-24	+310992-38	+000000+00	+000000+00
+669351-22	+560164-22	+341838-22	+126753-22
+479908-24	+310998-38	+000000+00	+000000+00
+669351-22	+560164-22	+341838-22	+126753-22
+479908-24	+310998-38	+000000+00	+000000+00
+669351-22	+560164-22	+341838-22	+126753-22
+479908-24	+310998-38	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	2	+300000+14

+162780-21	+130178-21	+660054-22	+117558-22
+438271-24	+284016-38	+000000+00	+000000+00
+182532-21	+149842-21	+849293-22	+253151-22
+955180-24	+618992-38	+000000+00	+000000+00
+199366-21	+166615-21	+101163-21	+370244-22
+140155-23	+908265-38	+000000+00	+000000+00
+200804-21	+168048-21	+102550-21	+380252-22
+143970-23	+932977-38	+000000+00	+000000+00
+200805-21	+168049-21	+102551-21	+380259-22
+143972-23	+932994-38	+000000+00	+000000+00
+200805-21	+168049-21	+102551-21	+380259-22
+143972-23	+932994-38	+000000+00	+000000+00
+200805-21	+168049-21	+102551-21	+380259-22
+143972-23	+932994-38	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	2	+100000+15

+542598-21	+433927-21	+220018-21	+391859-22
+146090-23	+946720-38	+000000+00	+000000+00
+608440-21	+499474-21	+283098-21	+843836-22
+318393-23	+206331-37	+000000+00	+000000+00
+664552-21	+555383-21	+337210-21	+123415-21
+467182-23	+302762-37	+000000+00	+000000+00
+669348-21	+560161-21	+341835-21	+126751-21
+479899-23	+310992-37	+000000+00	+000000+00
+669351-21	+560164-21	+341838-21	+126753-21
+479908-23	+310998-37	+000000+00	+000000+00
+669351-21	+560164-21	+341838-21	+126753-21
+479908-23	+310998-37	+000000+00	+000000+00
+669351-21	+560164-21	+341838-21	+126753-21
+479908-23	+310998-37	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	2	+300000+15

+162780-20	+130178-20	+660054-21	+117558-21
+438271-23	+284016-37	+000000+00	+000000+00
+182532-20	+149842-20	+849293-21	+253151-21
+955180-23	+618992-37	+000000+00	+000000+00
+199366-20	+166615-20	+101163-20	+370244-21
+140155-22	+908265-37	+000000+00	+000000+00
+200804-20	+168048-20	+102550-20	+380252-21
+143970-22	+932977-37	+000000+00	+000000+00
+200805-20	+168049-20	+102551-20	+380259-21
+143972-22	+932994-37	+000000+00	+000000+00
+200805-20	+168049-20	+102551-20	+380259-21
+143972-22	+932994-37	+000000+00	+000000+00
+200805-20	+168049-20	+102551-20	+380259-21
+143972-22	+932994-37	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	2	+100000+16

+542599-20	+433927-20	+220018-20	+391859-21
+146090-22	+946720-37	+000000+00	+000000+00
+608440-20	+499474-20	+283098-20	+843836-21
+318393-22	+206331-36	+000000+00	+000000+00
+664552-20	+555383-20	+337210-20	+123415-20
+467182-22	+302762-36	+000000+00	+000000+00
+669348-20	+560161-20	+341835-20	+126751-20
+479899-22	+310992-36	+000000+00	+000000+00
+669351-20	+560164-20	+341838-20	+126753-20
+479908-22	+310998-36	+000000+00	+000000+00
+669351-20	+560164-20	+341838-20	+126753-20
+479908-22	+310998-36	+000000+00	+000000+00
+669351-20	+560164-20	+341838-20	+126753-20
+479908-22	+310998-36	+000000+00	+000000+00

INDIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
20	3	+100000+13

+270727-26	+271588-26	+258899-26	+726628-27
+274502-28	+000000+00	+000000+00	+000000+00
+393473-26	+393842-26	+376923-26	+157587-26
+598257-28	+000000+00	+000000+00	+000000+00
+498908-26	+498894-26	+478599-26	+230926-26
+877829-28	+000000+00	+000000+00	+000000+00
+507919-26	+507873-26	+487289-26	+237194-26
+901723-28	+000000+00	+000000+00	+000000+00
+507925-26	+507879-26	+487295-26	+237199-26
+901740-28	+000000+00	+000000+00	+000000+00
+507925-26	+507879-26	+487295-26	+237199-26
+901740-28	+000000+00	+000000+00	+000000+00
+507925-26	+507879-26	+487295-26	+237199-26
+901740-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	3	+100000+14

+270727-25	+271588-25	+258899-25	+726628-26
+274502-27	+000000+00	+000000+00	+000000+00
+393473-25	+393842-25	+376923-25	+157587-25
+598257-27	+000000+00	+000000+00	+000000+00
+498908-25	+498894-25	+478599-25	+230926-25
+877829-27	+000000+00	+000000+00	+000000+00
+507919-25	+507873-25	+487289-25	+237194-25
+901723-27	+000000+00	+000000+00	+000000+00
+507925-25	+507879-25	+487295-25	+237199-25
+901740-27	+000000+00	+000000+00	+000000+00
+507925-25	+507879-25	+487295-25	+237199-25
+901740-27	+000000+00	+000000+00	+000000+00
+507925-25	+507879-25	+487295-25	+237199-25
+901740-27	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	3	+300000+14

+812180-25	+814764-25	+776698-25	+217988-25
+823505-27	+000000+00	+000000+00	+000000+00
+118042-24	+118152-24	+113077-24	+472762-25
+179477-26	+000000+00	+000000+00	+000000+00
+149672-24	+149668-24	+143580-24	+692779-25
+263349-26	+000000+00	+000000+00	+000000+00
+152376-24	+152362-24	+146187-24	+711583-25
+270517-26	+000000+00	+000000+00	+000000+00
+152378-24	+152364-24	+146188-24	+711596-25
+270522-26	+000000+00	+000000+00	+000000+00
+152378-24	+152364-24	+146188-24	+711596-25
+270522-26	+000000+00	+000000+00	+000000+00
+152378-24	+152364-24	+146188-24	+711596-25
+270522-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	3	+100000+15

+270727-24	+271588-24	+258899-24	+726628-25
+274502-26	+000000+00	+000000+00	+000000+00
+393473-24	+393842-24	+376923-24	+157587-24
+598257-26	+000000+00	+000000+00	+000000+00
+498908-24	+498894-24	+478599-24	+230926-24
+877829-26	+000000+00	+000000+00	+000000+00
+507919-24	+507873-24	+487289-24	+237194-24
+901723-26	+000000+00	+000000+00	+000000+00
+507925-24	+507879-24	+487295-24	+237199-24
+901740-26	+000000+00	+000000+00	+000000+00
+507925-24	+507879-24	+487295-24	+237199-24
+901740-26	+000000+00	+000000+00	+000000+00
+507925-24	+507879-24	+487295-24	+237199-24
+901740-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	3	+300000+15

+812180-24	+814764-24	+776698-24	+217988-24
+823505-26	+000000+00	+000000+00	+000000+00
+118042-23	+118153-23	+113077-23	+472762-24
+179477-25	+000000+00	+000000+00	+000000+00
+149672-23	+149668-23	+143580-23	+692779-24
+263349-25	+000000+00	+000000+00	+000000+00
+152376-23	+152362-23	+146187-23	+711583-24
+270517-25	+000000+00	+000000+00	+000000+00
+152378-23	+152364-23	+146188-23	+711596-24
+270522-25	+000000+00	+000000+00	+000000+00
+152378-23	+152364-23	+146188-23	+711596-24
+270522-25	+000000+00	+000000+00	+000000+00
+152378-23	+152364-23	+146188-23	+711596-24
+270522-25	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	3	+100000+16

+270727-23	+271588-23	+258899-23	+726628-24
+274502-25	+000000+00	+000000+00	+000000+00
+393473-23	+393842-23	+376923-23	+157587-23
+598257-25	+000000+00	+000000+00	+000000+00
+498908-23	+498894-23	+478599-23	+230926-23
+877829-25	+000000+00	+000000+00	+000000+00
+507919-23	+507873-23	+487289-23	+237194-23
+901723-25	+000000+00	+000000+00	+000000+00
+507925-23	+507879-23	+487295-23	+237199-23
+901740-25	+000000+00	+000000+00	+000000+00
+507925-23	+507879-23	+487295-23	+237199-23
+901740-25	+000000+00	+000000+00	+000000+00
+507925-23	+507879-23	+487295-23	+237199-23
+901740-25	+000000+00	+000000+00	+000000+00

INDIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
20	4	+100000+13

+281180-25	+214535-25	+717036-26	+790584-27
+289223-28	+000000+00	+000000+00	+000000+00
+294363-25	+227650-25	+842685-26	+168541-26
+630340-28	+000000+00	+000000+00	+000000+00
+305472-25	+238719-25	+949814-26	+245812-26
+924905-28	+000000+00	+000000+00	+000000+00
+306421-25	+239665-25	+958970-26	+252417-26
+950080-28	+000000+00	+000000+00	+000000+00
+306422-25	+239665-25	+958976-26	+252421-26
+950098-28	+000000+00	+000000+00	+000000+00
+306422-25	+239665-25	+958976-26	+252421-26
+950098-28	+000000+00	+000000+00	+000000+00
+306422-25	+239665-25	+958976-26	+252421-26
+950098-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	4	+100000+14

+281180-24	+214535-24	+717036-25	+790584-26
+289223-27	+000000+00	+000000+00	+000000+00
+294363-24	+227650-24	+842685-25	+168541-25
+630340-27	+000000+00	+000000+00	+000000+00
+305472-24	+238719-24	+949814-25	+245812-25
+924905-27	+000000+00	+000000+00	+000000+00
+306421-24	+239665-24	+958970-25	+252417-25
+950080-27	+000000+00	+000000+00	+000000+00
+306422-24	+239665-24	+958976-25	+252421-25
+950098-27	+000000+00	+000000+00	+000000+00
+306422-24	+239665-24	+958976-25	+252421-25
+950098-27	+000000+00	+000000+00	+000000+00
+306422-24	+239665-24	+958976-25	+252421-25
+950098-27	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	4	+300000+14

+843540-24	+643604-24	+215111-24	+237175-25
+867668-27	+000000+00	+000000+00	+000000+00
+883089-24	+682950-24	+252806-24	+505622-25
+189102-26	+000000+00	+000000+00	+000000+00
+916416-24	+716156-24	+284944-24	+737437-25
+277471-26	+000000+00	+000000+00	+000000+00
+919264-24	+718994-24	+287691-24	+757250-25
+285024-26	+000000+00	+000000+00	+000000+00
+919266-24	+718996-24	+287693-24	+757264-25
+285029-26	+000000+00	+000000+00	+000000+00
+919266-24	+718996-24	+287693-24	+757264-25
+285029-26	+000000+00	+000000+00	+000000+00
+919266-24	+718996-24	+287693-24	+757264-25
+285029-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	4	+100000+15

+281180-23	+214535-23	+717036-24	+790584-25
+289223-26	+000000+00	+000000+00	+000000+00
+294363-23	+227650-23	+842685-24	+168541-24
+630340-26	+000000+00	+000000+00	+000000+00
+305472-23	+238719-23	+949814-24	+245812-24
+924905-26	+000000+00	+000000+00	+000000+00
+306421-23	+239665-23	+958970-24	+252417-24
+950080-26	+000000+00	+000000+00	+000000+00
+306422-23	+239665-23	+958976-24	+252421-24
+950098-26	+000000+00	+000000+00	+000000+00
+306422-23	+239665-23	+958976-24	+252421-24
+950098-26	+000000+00	+000000+00	+000000+00
+306422-23	+239665-23	+958976-24	+252421-24
+950098-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	4	+300000+15

+843540-23	+643604-23	+215111-23	+237175-24
+867668-26	+000000+00	+000000+00	+000000+00
+883089-23	+682950-23	+252806-23	+505622-24
+189102-25	+000000+00	+000000+00	+000000+00
+916416-23	+716156-23	+284944-23	+737437-24
+277472-25	+000000+00	+000000+00	+000000+00
+919264-23	+718994-23	+287691-23	+757250-24
+285024-25	+000000+00	+000000+00	+000000+00
+919266-23	+718996-23	+287693-23	+757264-24
+285029-25	+000000+00	+000000+00	+000000+00
+919266-23	+718996-23	+287693-23	+757264-24
+285029-25	+000000+00	+000000+00	+000000+00
+919266-23	+718996-23	+287693-23	+757264-24
+285029-25	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	4	+100000+16

+281180-22	+214535-22	+717036-23	+790584-24
+289223-25	+000000+00	+000000+00	+000000+00
+294363-22	+227650-22	+842685-23	+168541-23
+630340-25	+000000+00	+000000+00	+000000+00
+305472-22	+238719-22	+949814-23	+245812-23
+924905-25	+000000+00	+000000+00	+000000+00
+306421-22	+239665-22	+958970-23	+252417-23
+950080-25	+000000+00	+000000+00	+000000+00
+306422-22	+239665-22	+958976-23	+252421-23
+950098-25	+000000+00	+000000+00	+000000+00
+306422-22	+239665-22	+958976-23	+252421-23
+950098-25	+000000+00	+000000+00	+000000+00

INDIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
20	5	+100000+13

+113826-30	+116509-30	+141852-30	+404752-30
+110017-29	+112775-29	+112775-29	+112775-29
+114315-29	+115026-29	+121477-29	+180708-29
+332312-29	+338322-29	+338322-29	+338322-29
+797765-29	+798869-29	+808703-29	+896399-29
+111887-28	+112768-28	+112768-28	+112768-28
+304345-28	+304458-28	+305471-28	+314484-28
+337336-28	+338242-28	+338242-28	+338242-28
+109280-27	+109292-27	+109393-27	+110294-27
+112580-27	+112670-27	+112670-27	+112670-27
+333956-27	+333967-27	+334069-27	+334970-27
+337255-27	+337346-27	+337346-27	+337346-27
+111339-26	+111340-26	+111350-26	+111440-26
+111669-26	+111678-26	+111678-26	+111678-26

ELEMENT	FUNCTION	PHI
20	5	+100000+14

+113820-29	+116503-29	+141846-29	+404746-29
+110017-28	+112774-28	+112774-28	+112774-28
+114295-28	+115006-28	+121457-28	+180688-28
+332292-28	+338301-28	+338301-28	+338301-28
+797204-28	+798299-28	+808142-28	+895838-28
+111831-27	+112712-27	+112712-27	+112712-27
+303610-27	+303723-27	+304736-27	+313749-27
+336602-27	+337507-27	+337507-27	+337507-27
+108346-26	+108357-26	+108458-26	+109360-26
+111645-26	+111735-26	+111735-26	+111735-26
+325323-26	+325335-26	+325436-26	+326337-26
+328623-26	+328713-26	+328713-26	+328713-26
+102083-25	+102084-25	+102094-25	+102184-25
+102413-25	+102422-25	+102422-25	+102422-25

ELEMENT	FUNCTION	PHI
20	5	+300000+14

+341422-29	+349470-29	+425499-29	+121420-28
+330046-28	+338318-28	+338318-28	+338318-28
+342750-28	+344883-28	+364237-28	+541929-28
+996740-28	+101477-27	+101477-27	+101477-27
+238788-27	+239116-27	+242069-27	+268378-27
+335118-27	+337764-27	+337764-27	+337764-27
+905959-27	+906297-27	+909337-27	+936376-27
+100493-26	+100765-26	+100765-26	+100765-26
+318919-26	+318953-26	+319257-26	+321961-26
+328817-26	+329088-26	+329088-26	+329088-26
+921553-26	+921587-26	+921891-26	+924595-26
+931451-26	+931723-26	+931723-26	+931723-26
+254883-25	+254886-25	+254917-25	+255187-25
+255873-25	+255900-25	+255900-25	+255900-25

ELEMENT	FUNCTION	PHI
20	5	+100000+15

+113762-28	+116445-28	+141788-28	+404688-28
+110011-27	+112768-27	+112768-27	+112768-27
+114093-27	+114804-27	+121255-27	+180486-27
+332089-27	+338099-27	+338099-27	+338099-27
+791627-27	+792722-27	+802565-27	+890261-27
+111273-26	+112155-26	+112155-26	+112155-26
+296393-26	+296506-26	+297519-26	+306532-26
+329384-26	+330290-26	+330290-26	+330290-26
+995623-26	+995735-26	+996749-26	+100576-25
+102861-25	+102952-25	+102952-25	+102952-25
+253559-25	+253571-25	+253672-25	+254573-25
+256859-25	+256949-25	+256949-25	+256949-25
+492151-25	+492163-25	+492264-25	+493165-25
+495450-25	+495541-25	+495541-25	+495541-25

ELEMENT	FUNCTION	PHI
20	5	+300000+15

+340898-28	+348947-28	+424976-28	+121368-27
+329993-27	+338266-27	+338266-27	+338266-27
+340935-27	+343068-27	+362421-27	+540114-27
+994925-27	+101295-26	+101295-26	+101295-26
+233828-26	+234156-26	+237109-26	+263418-26
+330158-26	+332804-26	+332804-26	+332804-26
+843496-26	+843834-26	+846874-26	+873913-26
+942470-26	+945187-26	+945187-26	+945187-26
+249722-25	+249755-25	+250059-25	+252763-25
+259619-25	+259891-25	+259891-25	+259891-25
+473488-25	+473521-25	+473825-25	+476529-25
+483385-25	+483657-25	+483657-25	+483657-25
+570879-25	+570913-25	+571217-25	+573921-25
+580777-25	+581049-25	+581049-25	+581049-25

ELEMENT	FUNCTION	PHI
20	5	+100000+16

+113183-27	+115866-27	+141209-27	+404109-27
+109953-26	+112710-26	+112710-26	+112710-26
+112098-26	+112809-26	+119260-26	+178491-26
+330095-26	+336104-26	+336104-26	+336104-26
+738737-26	+739832-26	+749675-26	+837372-26
+105984-25	+106866-25	+106866-25	+106866-25
+235591-25	+235704-25	+236717-25	+245730-25
+268582-25	+269488-25	+269488-25	+269488-25
+487626-25	+487739-25	+488752-25	+497765-25
+520618-25	+521524-25	+521524-25	+521524-25
+570810-25	+570923-25	+571936-25	+580949-25
+603802-25	+604708-25	+604708-25	+604708-25
+572460-25	+572573-25	+573586-25	+582599-25
+605452-25	+606358-25	+606358-25	+606358-25

INDIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
20	6	+100000+13

+513350-13	+513424-13	+466042-13	+284645-15
+000000+00	+000000+00	+000000+00	+000000+00
+516200-13	+516093-13	+467519-13	+285021-15
+000000+00	+000000+00	+000000+00	+000000+00
+516200-13	+516093-13	+467519-13	+285021-15
+000000+00	+000000+00	+000000+00	+000000+00
+516200-13	+516093-13	+467519-13	+285021-15
+000000+00	+000000+00	+000000+00	+000000+00
+516200-13	+516093-13	+467519-13	+285021-15
+000000+00	+000000+00	+000000+00	+000000+00
+516200-13	+516093-13	+467519-13	+285021-15
+000000+00	+000000+00	+000000+00	+000000+00
+516200-13	+516093-13	+467519-13	+285021-15
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	6	+100000+14

+513350-12	+513424-12	+466042-12	+284645-14
+000000+00	+000000+00	+000000+00	+000000+00
+516200-12	+516093-12	+467519-12	+285021-14
+000000+00	+000000+00	+000000+00	+000000+00
+516200-12	+516093-12	+467519-12	+285021-14
+000000+00	+000000+00	+000000+00	+000000+00
+516200-12	+516093-12	+467519-12	+285021-14
+000000+00	+000000+00	+000000+00	+000000+00
+516200-12	+516093-12	+467519-12	+285021-14
+000000+00	+000000+00	+000000+00	+000000+00
+516200-12	+516093-12	+467519-12	+285021-14
+000000+00	+000000+00	+000000+00	+000000+00
+516200-12	+516093-12	+467519-12	+285021-14
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	6	+300000+14

+154005-11	+154027-11	+139813-11	+853936-14
+000000+00	+000000+00	+000000+00	+000000+00
+154860-11	+154828-11	+140256-11	+855063-14
+000000+00	+000000+00	+000000+00	+000000+00
+154860-11	+154828-11	+140256-11	+855063-14
+000000+00	+000000+00	+000000+00	+000000+00
+154860-11	+154828-11	+140256-11	+855063-14
+000000+00	+000000+00	+000000+00	+000000+00
+154860-11	+154828-11	+140256-11	+855063-14
+000000+00	+000000+00	+000000+00	+000000+00
+154860-11	+154828-11	+140256-11	+855063-14
+000000+00	+000000+00	+000000+00	+000000+00
+154860-11	+154828-11	+140256-11	+855063-14
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	6	+100000+15

+513350-11	+513424-11	+466042-11	+284645-13
+000000+00	+000000+00	+000000+00	+000000+00
+516200-11	+516093-11	+467519-11	+285021-13
+000000+00	+000000+00	+000000+00	+000000+00
+516200-11	+516093-11	+467519-11	+285021-13
+000000+00	+000000+00	+000000+00	+000000+00
+516200-11	+516093-11	+467519-11	+285021-13
+000000+00	+000000+00	+000000+00	+000000+00
+516200-11	+516093-11	+467519-11	+285021-13
+000000+00	+000000+00	+000000+00	+000000+00
+516200-11	+516093-11	+467519-11	+285021-13
+000000+00	+000000+00	+000000+00	+000000+00
+516200-11	+516093-11	+467519-11	+285021-13
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	6	+300000+15

+154005-10	+154027-10	+139813-10	+853936-13
+000000+00	+000000+00	+000000+00	+000000+00
+154860-10	+154828-10	+140256-10	+855063-13
+000000+00	+000000+00	+000000+00	+000000+00
+154860-10	+154828-10	+140256-10	+855063-13
+000000+00	+000000+00	+000000+00	+000000+00
+154860-10	+154828-10	+140256-10	+855063-13
+000000+00	+000000+00	+000000+00	+000000+00
+154860-10	+154828-10	+140256-10	+855063-13
+000000+00	+000000+00	+000000+00	+000000+00
+154860-10	+154828-10	+140256-10	+855063-13
+000000+00	+000000+00	+000000+00	+000000+00
+154860-10	+154828-10	+140256-10	+855063-13
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	6	+100000+16

+513350-10	+513424-10	+466042-10	+284645-12
+222037-38	+000000+00	+000000+00	+000000+00
+516200-10	+516093-10	+467519-10	+285021-12
+222322-38	+000000+00	+000000+00	+000000+00
+516200-10	+516093-10	+467519-10	+285021-12
+222322-38	+000000+00	+000000+00	+000000+00
+516200-10	+516093-10	+467519-10	+285021-12
+222322-38	+000000+00	+000000+00	+000000+00
+516200-10	+516093-10	+467519-10	+285021-12
+222322-38	+000000+00	+000000+00	+000000+00
+516200-10	+516093-10	+467519-10	+285021-12
+222322-38	+000000+00	+000000+00	+000000+00

INDIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI	
20	7	+100000+13	
+275000-13	+276565-13	+274391-13	+133266-13
+508102-15	+329269-29	+000000+00	+000000+00
+500970-13	+501700-13	+492213-13	+290459-13
+110737-14	+717618-29	+000000+00	+000000+00
+696129-13	+696152-13	+680415-13	+426210-13
+162486-14	+105297-28	+000000+00	+000000+00
+712808-13	+712771-13	+696499-13	+437812-13
+166909-14	+108163-28	+000000+00	+000000+00
+712820-13	+712783-13	+696511-13	+437820-13
+166912-14	+108165-28	+000000+00	+000000+00
+712820-13	+712783-13	+696511-13	+437820-13
+166912-14	+108165-28	+000000+00	+000000+00
+712820-13	+712783-13	+696511-13	+437820-13
+166912-14	+108165-28	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
20	7	+100000+14	
+275000-12	+276564-12	+274391-12	+133266-12
+508103-14	+329269-28	+000000+00	+000000+00
+500970-12	+501700-12	+492213-12	+290459-12
+110737-13	+717619-28	+000000+00	+000000+00
+696129-12	+696152-12	+680415-12	+426210-12
+162486-13	+105297-27	+000000+00	+000000+00
+712808-12	+712771-12	+696499-12	+437812-12
+166909-13	+108163-27	+000000+00	+000000+00
+712820-12	+712783-12	+696511-12	+437820-12
+166912-13	+108165-27	+000000+00	+000000+00
+712820-12	+712783-12	+696511-12	+437820-12
+166912-13	+108165-27	+000000+00	+000000+00
+712820-12	+712783-12	+696511-12	+437820-12
+166912-13	+108165-27	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
20	7	+300000+14	
+825001-12	+829694-12	+823172-12	+399797-12
+152431-13	+987808-28	+000000+00	+000000+00
+150291-11	+150510-11	+147664-11	+871378-12
+332212-13	+215286-27	+000000+00	+000000+00
+208839-11	+208846-11	+204124-11	+127863-11
+487458-13	+315891-27	+000000+00	+000000+00
+213842-11	+213831-11	+208950-11	+131343-11
+500726-13	+324489-27	+000000+00	+000000+00
+213846-11	+213835-11	+208953-11	+131346-11
+500736-13	+324495-27	+000000+00	+000000+00
+213846-11	+213835-11	+208953-11	+131346-11
+500736-13	+324495-27	+000000+00	+000000+00
+213846-11	+213835-11	+208953-11	+131346-11
+500736-13	+324495-27	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
20	7	+100000+15	
+275000-11	+276564-11	+274391-11	+133266-11
+508102-13	+329269-27	+000000+00	+000000+00
+500970-11	+501700-11	+492213-11	+290459-11
+110737-12	+717618-27	+000000+00	+000000+00
+696129-11	+696152-11	+680415-11	+426210-11
+162486-12	+105297-26	+000000+00	+000000+00
+712808-11	+712771-11	+696499-11	+437812-11
+166909-12	+108163-26	+000000+00	+000000+00
+712820-11	+712783-11	+696511-11	+437820-11
+166912-12	+108165-26	+000000+00	+000000+00
+712820-11	+712783-11	+696511-11	+437820-11
+166912-12	+108165-26	+000000+00	+000000+00
+712820-11	+712783-11	+696511-11	+437820-11
+166912-12	+108165-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
20	7	+300000+15	
+825001-11	+829693-11	+823172-11	+399798-11
+152431-12	+987808-27	+000000+00	+000000+00
+150291-10	+150510-10	+147664-10	+871378-11
+332212-12	+215286-26	+000000+00	+000000+00
+208839-10	+208846-10	+204124-10	+127863-10
+487458-12	+315891-26	+000000+00	+000000+00
+213842-10	+213831-10	+208950-10	+131343-10
+500726-12	+324489-26	+000000+00	+000000+00
+213846-10	+213835-10	+208953-10	+131346-10
+500736-12	+324495-26	+000000+00	+000000+00
+213846-10	+213835-10	+208953-10	+131346-10
+500736-12	+324495-26	+000000+00	+000000+00
+213846-10	+213835-10	+208953-10	+131346-10
+500736-12	+324495-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
20	7	+100000+16	
+275000-10	+276564-10	+274391-10	+133266-10
+508102-12	+329269-26	+000000+00	+000000+00
+500970-10	+501700-10	+492213-10	+290459-10
+110737-11	+717618-26	+000000+00	+000000+00
+696129-10	+696152-10	+680415-10	+426210-10
+162486-11	+105297-25	+000000+00	+000000+00
+712808-10	+712771-10	+696499-10	+437812-10
+166909-11	+108163-25	+000000+00	+000000+00
+712820-10	+712783-10	+696511-10	+437820-10
+166912-11	+108165-25	+000000+00	+000000+00
+712820-10	+712783-10	+696511-10	+437820-10
+166912-11	+108165-25	+000000+00	+000000+00

INDIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
20	8	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	8	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	8	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	8	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000300+00

ELEMENT	FUNCTION	PHI
20	8	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	8	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

INDIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
20	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
20	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

TIN

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
21	1	+100000+13

+733360-07	+715434-07	+632849-07	+577970-07
+488034-07	+430842-07	+427069-07	+427054-07
+186582-06	+184742-06	+176062-06	+167134-06
+145099-06	+129246-06	+128121-06	+128116-06
+545709-06	+543813-06	+534641-06	+521177-06
+471634-06	+430736-06	+427072-06	+427057-06
+146670-05	+146476-05	+145517-05	+143764-05
+136062-05	+129168-05	+128126-05	+128121-05
+450165-05	+449970-05	+448999-05	+447140-05
+438668-05	+429936-05	+427122-05	+427110-05
+130910-04	+130890-04	+130793-04	+130605-04
+129734-04	+128688-04	+128171-04	+128169-04
+430565-04	+430545-04	+430448-04	+430258-04
+429378-04	+428260-04	+427647-04	+427645-04

ELEMENT	FUNCTION	PHI
21	1	+100000+14

+733361-06	+715434-06	+632849-06	+577970-06
+488034-06	+430842-06	+427070-06	+427054-06
+186583-05	+184743-05	+176063-05	+167136-05
+145100-05	+129246-05	+128122-05	+128117-05
+545739-05	+543844-05	+534671-05	+521207-05
+471664-05	+430766-05	+427102-05	+427088-05
+146710-04	+146516-04	+145556-04	+143804-04
+136101-04	+129197-04	+128164-04	+128160-04
+450669-04	+450473-04	+449503-04	+447644-04
+439171-04	+430440-04	+427625-04	+427614-04
+131375-03	+131355-03	+131258-03	+131070-03
+130199-03	+129162-03	+128636-03	+128634-03
+435548-03	+435529-03	+435431-03	+435242-03
+434362-03	+433244-03	+432631-03	+432628-03

ELEMENT	FUNCTION	PHI
21	1	+300000+14

+220008-05	+214631-05	+189855-05	+173391-05
+146411-05	+129263-05	+128121-05	+128117-05
+559758-05	+554236-05	+528197-05	+501414-05
+436307-05	+387746-05	+384373-05	+384360-05
+163742-04	+163173-04	+160421-04	+156382-04
+141619-04	+129260-04	+128161-04	+128146-04
+440393-04	+439810-04	+436931-04	+431674-04
+408666-04	+387866-04	+384766-04	+384743-04
+135530-03	+135471-03	+135180-03	+134623-03
+132081-03	+129461-03	+128617-03	+128614-03
+397055-03	+396996-03	+396704-03	+396139-03
+393627-03	+390387-03	+388837-03	+388831-03
+133428-02	+133422-02	+133393-02	+133336-02
+133072-02	+132737-02	+132663-02	+132662-02

ELEMENT	FUNCTION	PHI
21	1	+100000+15

+733364-05	+715438-05	+632852-05	+577973-05
+488038-05	+430845-05	+427073-05	+427058-05
+186594-04	+184754-04	+176074-04	+167147-04
+145111-04	+129267-04	+128133-04	+128128-04
+546040-04	+544145-04	+534972-04	+521508-04
+471966-04	+431067-04	+427403-04	+427389-04
+147099-03	+146905-03	+145945-03	+144193-03
+136490-03	+129686-03	+128663-03	+128649-03
+455398-03	+455203-03	+454232-03	+452373-03
+443901-03	+436169-03	+432356-03	+432343-03
+135237-02	+135218-02	+135120-02	+134932-02
+134061-02	+133015-02	+132498-02	+132496-02
+463948-02	+463928-02	+463831-02	+463642-02
+462762-02	+461644-02	+461030-02	+461028-02

ELEMENT	FUNCTION	PHI
21	1	+300000+15

+220011-04	+214633-04	+189858-04	+173394-04
+146413-04	+129266-04	+128124-04	+128119-04
+559856-04	+554336-04	+528296-04	+501513-04
+436406-04	+387845-04	+384472-04	+384458-04
+164010-03	+163441-03	+160689-03	+156650-03
+141787-03	+129618-03	+128419-03	+128414-03
+443758-03	+443175-03	+440296-03	+435039-03
+411931-03	+391220-03	+388121-03	+388108-03
+139255-02	+139196-02	+138905-02	+138347-02
+136806-02	+133186-02	+132341-02	+132338-02
+421131-02	+421073-02	+420781-02	+420216-02
+417604-02	+414664-02	+412914-02	+412908-02
+143975-01	+143969-01	+143940-01	+143883-01
+143619-01	+143283-01	+143099-01	+143099-01

ELEMENT	FUNCTION	PHI
21	1	+100000+16

+733395-04	+715469-04	+632884-04	+578005-04
+488069-04	+430877-04	+427104-04	+427089-04
+186703-03	+184862-03	+176183-03	+167255-03
+145219-03	+129366-03	+128241-03	+128237-03
+548894-03	+546998-03	+537825-03	+524361-03
+474819-03	+433921-03	+430257-03	+430242-03
+150373-02	+150178-02	+149219-02	+147466-02
+139764-02	+132860-02	+131827-02	+131823-02
+482688-02	+482492-02	+481522-02	+479663-02
+471191-02	+462469-02	+459644-02	+459633-02
+145713-01	+145693-01	+145596-01	+145408-01
+144637-01	+143490-01	+142974-01	+142972-01
+485939-01	+485919-01	+485822-01	+485633-01
+484763-01	+483636-01	+483021-01	+483019-01

TIN

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
21	2	+100000+13

+568925-22	+485754-22	+134581-22	+820554-24
+127707-24	+680569-27	+252318-29	+000000+00
+582352-22	+499119-22	+147408-22	+170733-23
+351862-24	+201645-26	+752346-29	+000000+00
+597647-22	+514385-22	+162415-22	+299986-23
+894183-24	+646403-26	+245602-28	+000000+00
+610445-22	+527172-22	+175105-22	+417570-23
+144918-23	+177662-25	+693649-28	+000000+00
+613773-22	+530498-22	+178409-22	+448545-23
+161908-23	+474028-25	+189296-27	+000000+00
+614500-22	+531225-22	+179136-22	+455767-23
+168712-23	+864515-25	+347614-27	+000000+00
+614796-22	+531521-22	+179432-22	+458707-23
+171494-23	+102493-24	+412696-27	+000000+00

ELEMENT	FUNCTION	PHI
21	2	+100000+14

+568925-21	+485755-21	+134581-21	+820554-23
+127707-23	+680569-26	+252318-28	+000000+00
+582352-21	+499119-21	+147408-21	+170733-22
+351862-23	+201645-26	+752346-28	+000000+00
+597647-21	+514385-21	+162415-21	+299986-22
+894183-23	+646403-26	+245602-27	+000000+00
+610445-21	+527172-21	+175105-21	+417570-22
+144918-22	+177662-24	+693657-27	+000000+00
+613773-21	+530498-21	+178409-21	+448545-22
+161908-22	+474029-24	+189306-26	+000000+00
+614500-21	+531225-21	+179136-21	+455767-22
+168712-22	+864525-24	+347689-26	+000000+00
+614796-21	+531521-21	+179432-21	+458708-22
+171495-22	+102500-23	+413212-26	+000000+00

ELEMENT	FUNCTION	PHI
21	2	+300000+14

+170678-20	+145726-20	+403742-21	+246166-22
+383121-23	+204171-25	+756965-28	+000000+00
+174706-20	+149736-20	+442223-21	+512198-22
+105559-22	+604935-25	+225704-27	+000000+00
+179294-20	+154315-20	+487246-21	+899958-22
+268255-22	+193921-24	+736517-27	+000000+00
+183133-20	+158152-20	+525314-21	+125271-21
+434754-22	+532986-24	+208104-26	+000000+00
+184132-20	+159149-20	+535228-21	+134563-21
+485724-22	+142210-23	+567987-26	+000000+00
+184350-20	+159367-20	+537408-21	+136730-21
+506136-22	+269365-23	+104358-25	+000000+00
+184439-20	+159456-20	+538296-21	+137613-21
+514492-22	+307548-23	+124310-25	+000000+00

ELEMENT	FUNCTION	PHI
21	2	+100000+15

+568925-20	+485755-20	+134581-20	+820554-22
+127707-22	+680569-25	+252318-27	+000000+00
+582352-20	+499119-20	+147408-20	+170733-21
+351862-22	+201645-24	+752358-27	+000000+00
+597647-20	+514385-20	+162415-20	+299986-21
+894183-22	+646404-24	+245515-26	+000000+00
+610445-20	+527172-20	+175105-20	+417570-21
+144918-21	+177663-23	+693758-26	+000000+00
+613773-20	+530498-20	+178409-20	+448545-21
+161908-21	+474043-23	+189408-25	+000000+00
+614500-20	+531225-20	+179136-20	+455769-21
+168713-21	+864631-23	+348459-25	+000000+00
+614797-20	+531522-20	+179433-20	+458718-21
+171504-21	+102671-22	+418404-25	+243601-38

ELEMENT	FUNCTION	PHI
21	2	+300000+15

+170678-19	+145726-19	+403742-20	+246166-21
+383121-22	+204171-24	+756967-27	+000000+00
+174706-19	+149736-19	+442223-20	+512198-21
+105559-21	+604936-24	+225714-26	+000000+00
+179294-19	+154315-19	+487246-20	+899958-21
+268255-21	+193922-23	+736618-26	+000000+00
+183133-19	+158152-19	+525314-20	+125271-20
+434754-21	+532999-23	+208193-25	+000000+00
+184132-19	+159149-19	+535228-20	+134564-20
+485725-21	+142222-22	+568903-25	+000000+00
+184350-19	+159368-19	+537409-20	+136732-20
+506149-21	+269460-22	+106060-24	+324443-38
+184440-19	+159457-19	+538304-20	+137622-20
+514575-21	+308188-22	+128979-24	+219193-37

ELEMENT	FUNCTION	PHI
21	2	+100000+16

+568925-19	+485755-19	+134581-19	+820554-21
+127707-21	+680570-24	+252330-26	+000000+00
+582352-19	+499119-19	+147408-19	+170733-20
+351862-21	+201646-23	+752455-26	+000000+00
+597647-19	+514385-19	+162415-19	+299986-20
+894184-21	+646419-23	+245624-25	+000000+00
+610445-19	+527172-19	+175105-19	+417570-20
+144918-20	+177677-22	+694733-25	+000000+00
+613773-19	+530498-19	+178409-19	+448547-20
+161910-20	+474183-22	+190425-24	+477233-38
+614502-19	+531226-19	+179137-19	+455783-20
+168727-20	+865684-22	+356134-24	+360312-37
+614806-19	+531531-19	+179442-19	+458813-20
+171597-20	+103283-21	+470261-24	+243455-36

TIN

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
21	3	+100000+13

+215626-26	+165212-26	+271929-27	+152424-27
+707370-28	+327769-31	+000000+00	+000000+00
+244864-26	+194426-26	+561832-27	+420904-27
+195333-27	+906100-31	+000000+00	+000000+00
+315533-26	+266034-26	+126252-26	+106981-26
+496477-27	+230049-30	+000000+00	+000000+00
+386337-26	+336778-26	+196454-26	+171996-26
+798198-27	+369866-30	+000000+00	+000000+00
+402007-26	+361436-26	+211992-26	+186385-26
+864974-27	+400797-30	+000000+00	+000000+00
+402048-26	+361476-26	+212031-26	+186422-26
+865146-27	+400939-30	+456266-36	+000000+00
+402048-26	+361476-26	+212031-26	+186422-26
+865146-27	+401296-30	+306426-34	+000000+00

ELEMENT	FUNCTION	PHI
21	3	+100000+14

+215626-25	+165212-25	+271929-26	+152424-26
+707370-27	+327769-30	+000000+00	+000000+00
+244864-25	+194426-25	+561832-26	+420904-26
+195333-26	+906100-30	+000000+00	+000000+00
+315533-25	+266034-25	+126252-25	+106981-25
+496477-26	+230049-29	+000000+00	+000000+00
+386337-25	+336778-25	+196454-25	+171996-25
+798198-26	+369862-29	+462818-35	+000000+00
+402007-25	+361436-25	+211992-25	+186385-25
+864974-26	+400874-29	+663602-34	+000000+00
+402048-25	+361476-25	+212031-25	+186422-25
+865146-26	+401486-29	+446221-33	+000000+00
+402048-25	+361476-25	+212032-25	+186422-25
+865160-26	+406064-29	+306470-32	+000000+00

ELEMENT	FUNCTION	PHI
21	3	+300000+14

+646877-25	+495636-25	+815787-26	+457273-26
+212211-26	+983307-30	+000000+00	+000000+00
+734593-25	+583277-25	+168550-25	+126271-25
+585999-26	+271630-29	+000000+00	+000000+00
+946599-25	+795102-25	+378755-25	+320943-25
+148943-26	+690166-29	+674489-35	+000000+00
+115901-24	+100733-24	+589363-25	+515988-25
+239469-26	+110964-28	+614903-34	+000000+00
+120602-24	+105430-24	+635975-25	+559155-25
+259492-26	+120313-28	+638491-33	+000000+00
+120614-24	+105443-24	+636095-25	+559266-25
+259644-26	+120821-28	+407026-32	+000000+00
+120615-24	+105443-24	+636099-25	+559270-25
+259648-26	+124039-28	+276196-31	+000000+00

ELEMENT	FUNCTION	PHI
21	3	+100000+15

+215626-24	+165212-24	+271929-25	+152424-25
+707370-26	+327769-29	+000000+00	+000000+00
+244864-24	+194426-24	+561832-25	+420904-25
+195333-25	+905109-29	+646795-35	+000000+00
+315533-24	+266034-24	+126252-24	+106981-24
+496477-25	+230068-28	+671016-34	+000000+00
+386337-24	+336778-24	+196455-24	+171996-24
+798198-25	+369936-28	+581644-33	+000000+00
+402008-24	+361436-24	+211992-24	+186385-24
+864975-25	+401622-28	+601200-32	+000000+00
+402048-24	+361476-24	+212032-24	+186423-24
+865153-25	+407091-28	+452912-31	+000000+00
+402053-24	+361480-24	+212037-24	+186427-24
+865199-25	+442848-28	+305871-30	+000000+00

ELEMENT	FUNCTION	PHI
21	3	+300000+15

+646877-24	+495636-24	+815787-25	+457273-25
+212211-25	+983316-29	+643476-35	+000000+00
+734593-24	+583277-24	+168550-24	+126271-24
+585999-25	+271630-28	+547377-34	+000000+00
+946599-24	+795102-24	+378755-24	+320943-24
+148943-24	+690228-28	+692449-33	+000000+00
+115901-23	+100733-23	+589364-24	+515988-24
+239460-24	+111028-27	+520137-32	+000000+00
+120602-23	+105431-23	+635976-24	+559156-24
+259493-24	+120980-27	+540067-31	+000000+00
+120615-23	+105443-23	+636101-24	+559273-24
+259661-24	+124865-27	+407379-30	+000000+00
+120619-23	+105447-23	+636144-24	+559316-24
+259693-24	+168029-27	+276224-29	+000000+00

ELEMENT	FUNCTION	PHI
21	3	+100000+16

+215626-23	+165212-23	+271929-24	+152424-24
+707370-25	+327778-28	+618822-34	+000000+00
+244864-23	+194426-23	+561832-24	+420904-24
+195333-24	+906180-28	+579436-33	+000000+00
+315533-23	+266034-23	+126252-23	+106981-23
+496477-24	+230138-27	+648785-32	+000000+00
+386337-23	+336778-23	+196455-23	+171996-23
+798199-24	+370646-27	+575169-31	+000000+00
+402009-23	+361436-23	+211993-23	+186386-23
+864986-24	+409019-27	+599226-30	+000000+00
+402056-23	+361483-23	+212040-23	+186430-23
+865226-24	+462967-27	+452417-29	+000000+00
+402104-23	+361531-23	+212087-23	+186478-23
+866690-24	+820342-27	+305689-28	+000000+00

TIN

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
21	4	+100000+13

+447764-24	+386453-24	+110337-24	+180026-26
+644128-27	+203054-29	+702928-32	+000000+00
+451041-24	+389724-24	+113549-24	+454635-26
+177858-26	+598916-29	+209694-31	+000000+00
+457662-24	+396338-24	+120102-24	+105426-25
+452520-26	+189624-28	+683939-31	+000000+00
+464130-24	+402800-24	+126515-24	+164854-25
+730999-26	+510127-28	+193242-30	+000000+00
+465701-24	+404370-24	+128074-24	+179390-25
+805744-26	+133704-27	+627353-30	+000000+00
+465905-24	+404574-24	+128278-24	+181417-25
+824769-26	+242489-27	+968392-30	+000000+00
+465987-24	+404656-24	+128360-24	+182236-25
+832621-26	+287177-27	+114959-29	+000000+00

ELEMENT	FUNCTION	PHI
21	4	- +100000+14

+447764-23	+386453-23	+110337-23	+180026-25
+644128-26	+203054-28	+702928-31	+000000+00
+451041-23	+389724-23	+113549-23	+454635-25
+177858-25	+598916-28	+209694-30	+000000+00
+457662-23	+396338-23	+120102-23	+105426-24
+452520-25	+189624-27	+683939-30	+000000+00
+464130-23	+402800-23	+126515-23	+164854-24
+730999-25	+510127-27	+193243-29	+000000+00
+465701-23	+404370-23	+128074-23	+179390-24
+805744-25	+133704-26	+627359-29	+000000+00
+465905-23	+404574-23	+128278-23	+181417-24
+824769-25	+242489-26	+968432-29	+000000+00
+465988-23	+404656-23	+128360-23	+182236-24
+832621-25	+287181-26	+114986-28	+000000+00

ELEMENT	FUNCTION	PHI
21	4	+300000+14

+134329-22	+115936-22	+331011-23	+540077-25
+193238-25	+609162-28	+210878-30	+000000+00
+135312-22	+116917-22	+340646-23	+136390-24
+533573-25	+179674-27	+628783-30	+000000+00
+137299-22	+118901-22	+360306-23	+316278-24
+135756-24	+668672-27	+205182-29	+000000+00
+139239-22	+120840-22	+379546-23	+494561-24
+219300-24	+163038-26	+579731-29	+000000+00
+139710-22	+121311-22	+384221-23	+538170-24
+241723-24	+401112-26	+168211-28	+000000+00
+139772-22	+121372-22	+384833-23	+544251-24
+247431-24	+727472-26	+290567-28	+000000+00
+139796-22	+121397-22	+385081-23	+546709-24
+249757-24	+861667-26	+346143-28	+000000+00

ELEMENT	FUNCTION	PHI
21	4	+100000+15

+447764-22	+386453-22	+110337-22	+180026-24
+644128-25	+203054-27	+702928-30	+000000+00
+451041-22	+389724-22	+113549-22	+454635-24
+177858-24	+598916-27	+209696-29	+000000+00
+457662-22	+396338-22	+120102-22	+105426-23
+452520-24	+189624-26	+683946-29	+000000+00
+464130-22	+402800-22	+126515-22	+164854-23
+730999-24	+510128-26	+193248-28	+000000+00
+465701-22	+404370-22	+128074-22	+179390-23
+805744-24	+133706-25	+627413-28	+000000+00
+465905-22	+404574-22	+128278-22	+181417-23
+824770-24	+242495-25	+968840-28	+000000+00
+465988-22	+404656-22	+128360-22	+182237-23
+832526-24	+287218-25	+116262-27	+000000+00

ELEMENT	FUNCTION	PHI
21	4	+300000+15

+134329-21	+115936-21	+331011-22	+540077-24
+193238-24	+609162-27	+210879-29	+000000+00
+135312-21	+116917-21	+340646-22	+136390-23
+533573-24	+179675-26	+628788-29	+000000+00
+137299-21	+118901-21	+360306-22	+316278-23
+135756-23	+668673-26	+205188-28	+000000+00
+139239-21	+120840-21	+379546-22	+494561-23
+219300-23	+163039-25	+579778-28	+000000+00
+139710-21	+121311-21	+384221-22	+538170-23
+241723-23	+401119-25	+168260-27	+000000+00
+139772-21	+121372-21	+384834-22	+544252-23
+247431-23	+727622-25	+290924-27	+000000+00
+139796-21	+121397-21	+385081-22	+546713-23
+249761-23	+861907-25	+347620-27	+000000+00

ELEMENT	FUNCTION	PHI
21	4	+100000+16

+447764-21	+386453-21	+110337-21	+180026-23
+644128-24	+203054-26	+702934-29	+000000+00
+451041-21	+389724-21	+113549-21	+454635-23
+177858-23	+598916-26	+209600-28	+000000+00
+457662-21	+396338-21	+120102-21	+105426-22
+452520-23	+189626-25	+684004-28	+000000+00
+464130-21	+402800-21	+126515-21	+164854-22
+730999-23	+510136-25	+193300-27	+000000+00
+465701-21	+404370-21	+128074-21	+179390-22
+805745-23	+133712-24	+627962-27	+000000+00
+465905-21	+404574-21	+128278-21	+181418-22
+824777-23	+242561-24	+972911-27	+000000+00
+465988-21	+404657-21	+128361-21	+182242-22
+832676-23	+287596-24	+118013-26	+000000+00

TIN

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
21	5	+100000+13

+345830-32	+345869-32	+345863-32	+343531-32
+340060-32	+340064-32	+340064-32	+340064-32
+103114-31	+103115-31	+103083-31	+102622-31
+102017-31	+102016-31	+102016-31	+102016-31
+341321-31	+341320-31	+341278-31	+340744-31
+340066-31	+340064-31	+340064-31	+340064-31
+102143-30	+102143-30	+102139-30	+102085-30
+102016-30	+102016-30	+102016-30	+102016-30
+340181-30	+340180-30	+340176-30	+340123-30
+340064-30	+340064-30	+340064-30	+340064-30
+102029-29	+102029-29	+102028-29	+102023-29
+102016-29	+102016-29	+102016-29	+102016-29
+340064-29	+340064-29	+340063-29	+340058-29
+340061-29	+340061-29	+340061-29	+340061-29

ELEMENT	FUNCTION	PHI
21	5	+100000+14

+345830-31	+345869-31	+345863-31	+343531-31
+340060-31	+340064-31	+340064-31	+340064-31
+103114-30	+103115-30	+103082-30	+102622-30
+102017-30	+102016-30	+102016-30	+102016-30
+341321-30	+341320-30	+341278-30	+340744-30
+340066-30	+340064-30	+340064-30	+340064-30
+102143-29	+102143-29	+102139-29	+102085-29
+102016-29	+102016-29	+102016-29	+102016-29
+340179-29	+340179-29	+340174-29	+340120-29
+340061-29	+340061-29	+340061-29	+340061-29
+102026-28	+102026-28	+102026-28	+102021-28
+102014-28	+102014-28	+102014-28	+102014-28
+340038-28	+340038-28	+340038-28	+340033-28
+340026-28	+340026-28	+340026-28	+340026-28

ELEMENT	FUNCTION	PHI
21	5	+300000+14

+103749-30	+103761-30	+103759-30	+103059-30
+102018-30	+102016-30	+102016-30	+102016-30
+309343-30	+309343-30	+309247-30	+307867-30
+306052-30	+306048-30	+306048-30	+306048-30
+102396-29	+102396-29	+102383-29	+102223-29
+102016-29	+102016-29	+102016-29	+102016-29
+306427-29	+306427-29	+306414-29	+306254-29
+306047-29	+306046-29	+306046-29	+306046-29
+102052-28	+102052-28	+102050-28	+102034-28
+102014-28	+102014-28	+102014-28	+102014-28
+306064-28	+306064-28	+306062-28	+306046-28
+306026-28	+306026-28	+306026-28	+306026-28
+101995-27	+101995-27	+101994-27	+101993-27
+101991-27	+101991-27	+101991-27	+101991-27

ELEMENT	FUNCTION	PHI
21	5	+100000+15

+345830-30	+345868-30	+345863-30	+343531-30
+340060-30	+340064-30	+340064-30	+340064-30
+103114-29	+103114-29	+103082-29	+102622-29
+102017-29	+102016-29	+102016-29	+102016-29
+341318-29	+341318-29	+341275-29	+340741-29
+340062-29	+340061-29	+340061-29	+340061-29
+102141-28	+102140-28	+102136-28	+102083-28
+102014-28	+102014-28	+102014-28	+102014-28
+340153-28	+340152-28	+340148-28	+340095-28
+340026-28	+340026-28	+340026-28	+340026-28
+102003-27	+102003-27	+102003-27	+101998-27
+101991-27	+101991-27	+101991-27	+101991-27
+339784-27	+339784-27	+339783-27	+339778-27
+339771-27	+339771-27	+339771-27	+339771-27

ELEMENT	FUNCTION	PHI
21	5	+300000+15

+103749-29	+103760-29	+103759-29	+103059-29
+102018-29	+102016-29	+102016-29	+102016-29
+309341-29	+309341-29	+309245-29	+307865-29
+306060-29	+306046-29	+306046-29	+306046-29
+102394-28	+102394-28	+102381-28	+102221-28
+102014-28	+102014-28	+102014-28	+102014-28
+306406-28	+306406-28	+306393-28	+306233-28
+306026-28	+306026-28	+306026-28	+306026-28
+102029-27	+102029-27	+102028-27	+102011-27
+101991-27	+101991-27	+101991-27	+101991-27
+305858-27	+305858-27	+305856-27	+305840-27
+306820-27	+306820-27	+306820-27	+306820-27
+101766-26	+101766-26	+101766-26	+101764-26
+101762-26	+101762-26	+101762-26	+101762-26

ELEMENT	FUNCTION	PHI
21	5	+100000+16

+345827-29	+345866-29	+345860-29	+343529-29
+340058-29	+340061-29	+340061-29	+340061-29
+103112-28	+103112-28	+103080-28	+102620-28
+102016-28	+102014-28	+102014-28	+102014-28
+341293-28	+341292-28	+341250-28	+340716-28
+340027-28	+340026-28	+340026-28	+340026-28
+102118-27	+102118-27	+102113-27	+102060-27
+101991-27	+101991-27	+101991-27	+101991-27
+339898-27	+339898-27	+339894-27	+339840-27
+339771-27	+339771-27	+339771-27	+339771-27
+101775-26	+101775-26	+101774-26	+101769-26
+101762-26	+101762-26	+101762-26	+101762-26
+337254-26	+337254-26	+337254-26	+337249-26
+337242-26	+337242-26	+337242-26	+337242-26

TIN

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
21	6	+100000+13

+812000-13	+606376-13	+437942-14	+169105-25
+000000+00	+000000+00	+000000+00	+000000+00
+812000-13	+606376-13	+437942-14	+169105-25
+000000+00	+000000+00	+000000+00	+000000+00
+812000-13	+606376-13	+437942-14	+169105-25
+000000+00	+000000+00	+000000+00	+000000+00
+812000-13	+606376-13	+437942-14	+169105-25
+000000+00	+000000+00	+000000+00	+000000+00
+812000-13	+606376-13	+437942-14	+169105-25
+000000+00	+000000+00	+000000+00	+000000+00
+812000-13	+606376-13	+437943-14	+116490-19
+113478-19	+873314-20	+636434-21	+268894-32
+812001-13	+606377-13	+437949-14	+782352-19
+762128-19	+586525-19	+427434-20	+180591-31

ELEMENT	FUNCTION	PHI
21	6	+100000+14

+812000-12	+606376-12	+437942-13	+169105-24
+000000+00	+000000+00	+000000+00	+000000+00
+812000-12	+606376-12	+437942-13	+169105-24
+000000+00	+000000+00	+000000+00	+000000+00
+812000-12	+606376-12	+437942-13	+169105-24
+000000+00	+000000+00	+000000+00	+000000+00
+812000-12	+606376-12	+437942-13	+116634-19
+113618-19	+874389-20	+637217-21	+269225-32
+812000-12	+606376-12	+437943-13	+143871-18
+140152-18	+107859-18	+786031-20	+332099-31
+812001-12	+606377-12	+437953-13	+113417-17
+110486-17	+850278-18	+619646-19	+261801-30
+812008-12	+606384-12	+438019-13	+777360-17
+757266-17	+582782-17	+424707-18	+179439-29

ELEMENT	FUNCTION	PHI
21	6	+300000+14

+243600-11	+181913-11	+131382-12	+507316-24
+000000+00	+000000+00	+000000+00	+000000+00
+243600-11	+181913-11	+131382-12	+507316-24
+000000+00	+000000+00	+000000+00	+000000+00
+243600-11	+181913-11	+131382-12	+146681-19
+142885-19	+109962-19	+801358-21	+338574-32
+243600-11	+181913-11	+131383-12	+131463-18
+128065-18	+985670-19	+718241-20	+303457-31
+243600-11	+181913-11	+131384-12	+137485-17
+133931-17	+103072-17	+751144-19	+317359-30
+243601-11	+181914-11	+131393-12	+103920-16
+101234-16	+779083-17	+667763-18	+239880-29
+243607-11	+181920-11	+131453-12	+702615-16
+684452-16	+526746-16	+383870-17	+162185-28

ELEMENT	FUNCTION	PHI
21	6	+100000+15

+812000-11	+606376-11	+437942-12	+169105-23
+000000+00	+000000+00	+000000+00	+000000+00
+812000-11	+606376-11	+437942-12	+165154-19
+160868-19	+123802-19	+902218-21	+381188-32
+812000-11	+606376-11	+437942-12	+171323-18
+166892-18	+128438-18	+936003-20	+395462-31
+812000-11	+606376-11	+437943-12	+148503-17
+144664-17	+111332-17	+811338-19	+342791-30
+812002-11	+606378-11	+437957-12	+153496-16
+149528-16	+115076-16	+838617-18	+354316-29
+812012-11	+606388-11	+438057-12	+115635-15
+112646-15	+866912-16	+631769-17	+266923-28
+812078-11	+606454-11	+438725-12	+780937-15
+760750-15	+585464-15	+426661-16	+180265-27

ELEMENT	FUNCTION	PHI
21	6	+300000+15

+243600-10	+181913-10	+131382-11	+164340-19
+160043-19	+123167-19	+897587-21	+379231-32
+243600-10	+181913-10	+131382-11	+139759-18
+136141-18	+104773-18	+763538-20	+322596-31
+243600-10	+181913-10	+131383-11	+151262-17
+147351-17	+113400-17	+826410-19	+349159-30
+243600-10	+181913-10	+131384-11	+132799-16
+129366-16	+995688-17	+725542-18	+306542-29
+243601-10	+181914-10	+131396-11	+137888-15
+134323-15	+103374-15	+753342-17	+318288-28
+243610-10	+181923-10	+131487-11	+104010-14
+101322-14	+779759-15	+568255-16	+240088-27
+243670-10	+181983-10	+132087-11	+702691-14
+684526-14	+526803-14	+383912-15	+162203-26

ELEMENT	FUNCTION	PHI
21	6	+100000+16

+812000-10	+606376-10	+437942-11	+158012-18
+153911-18	+118448-18	+863197-20	+364701-31
+812000-10	+606376-10	+437942-11	+147941-17
+144115-17	+110909-17	+808258-19	+341489-30
+812000-10	+606376-10	+437943-11	+165645-16
+161363-16	+124183-16	+904993-18	+382360-29
+812002-10	+606378-10	+437956-11	+146847-15
+143051-15	+110090-15	+802292-17	+338969-28
+812015-10	+606391-10	+438095-11	+152992-14
+149037-14	+114697-14	+836862-16	+353152-27
+812116-10	+606492-10	+439100-11	+115509-13
+112623-13	+866966-14	+631078-15	+266631-26
+812783-10	+607159-10	+445767-11	+780471-13
+760296-13	+585114-13	+426406-14	+180157-25

TIN

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
21	7	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
21	7	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
21	7	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
21	7	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
21	7	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
21	7	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

TIN

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
21	8	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
21	8	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
21	8	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
21	8	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
21	8	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
21	8	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

TIN

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
21	9	+100000+13

+545361-15	+544896-15	+540729-15	+500770-15
+232397-16	+107684-18	+000000+00	+000000+00
+150596-14	+150467-14	+149317-14	+138282-14
+641740-15	+297359-18	+000000+00	+000000+00
+382768-14	+382442-14	+379517-14	+351472-14
+163111-14	+756795-18	+000000+00	+000000+00
+615386-14	+614861-14	+610159-14	+565070-14
+262237-14	+121611-17	+000000+00	+000000+00
+666868-14	+666300-14	+661204-14	+612343-14
+284176-14	+131676-17	+000000+00	+000000+00
+667000-14	+666431-14	+661335-14	+612464-14
+284232-14	+131702-17	+000000+00	+000000+00
+667000-14	+666431-14	+661335-14	+612464-14
+284232-14	+131702-17	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
21	9	+100000+14

+545361-14	+544896-14	+540729-14	+500770-14
+232397-14	+107684-17	+000000+00	+000000+00
+150596-13	+150467-13	+149317-13	+138282-13
+641740-14	+297359-17	+000000+00	+000000+00
+382768-13	+382442-13	+379517-13	+351472-13
+163111-13	+756795-17	+000000+00	+000000+00
+615386-13	+614862-13	+610159-13	+565070-13
+262237-13	+121611-16	+000000+00	+000000+00
+666868-13	+666300-13	+661204-13	+612343-13
+284176-13	+131676-16	+000000+00	+000000+00
+667000-13	+666431-13	+661335-13	+612464-13
+284232-13	+131702-16	+000000+00	+000000+00
+667000-13	+666431-13	+661335-13	+612464-13
+284232-13	+131702-16	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
21	9	+300000+14

+163608-13	+163469-13	+162219-13	+150231-13
+697191-14	+323063-17	+000000+00	+000000+00
+451787-13	+451402-13	+447950-13	+414847-13
+192522-13	+892076-17	+000000+00	+000000+00
+114830-12	+114733-12	+113855-12	+105442-12
+489332-13	+226738-16	+000000+00	+000000+00
+184616-12	+184458-12	+183048-12	+169521-12
+786712-13	+364633-16	+000000+00	+000000+00
+200061-12	+199890-12	+198361-12	+183703-12
+852627-13	+396029-16	+000000+00	+000000+00
+200100-12	+199929-12	+198400-12	+183739-12
+852696-13	+396107-16	+000000+00	+000000+00
+200100-12	+199929-12	+198400-12	+183739-12
+852696-13	+396107-16	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
21	9	+100000+15

+545361-13	+544896-13	+540729-13	+500770-13
+232397-13	+107684-16	+000000+00	+000000+00
+150596-12	+150467-12	+149317-12	+138282-12
+641740-13	+297359-16	+000000+00	+000000+00
+382768-12	+382442-12	+379517-12	+351472-12
+163111-12	+756795-16	+000000+00	+000000+00
+615386-12	+614861-12	+610159-12	+565070-12
+262237-12	+121611-15	+000000+00	+000000+00
+666868-12	+666300-12	+661204-12	+612343-12
+284176-12	+131676-15	+000000+00	+000000+00
+667000-12	+666431-12	+661335-12	+612464-12
+284232-12	+131702-15	+000000+00	+000000+00
+667000-12	+666431-12	+661335-12	+612464-12
+284232-12	+131702-15	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
21	9	+300000+15

+163608-12	+163469-12	+162219-12	+150231-12
+697191-13	+323063-16	+000000+00	+000000+00
+451787-12	+451402-12	+447950-12	+414847-12
+192522-12	+892076-16	+000000+00	+000000+00
+114830-11	+114733-11	+113855-11	+105442-11
+489332-12	+226738-15	+000000+00	+000000+00
+184616-11	+184458-11	+183048-11	+169521-11
+786712-12	+364633-15	+000000+00	+000000+00
+200061-11	+199890-11	+198361-11	+183703-11
+852627-12	+396029-15	+000000+00	+000000+00
+200100-11	+199929-11	+198400-11	+183739-11
+852696-12	+396107-15	+000000+00	+000000+00
+200100-11	+199929-11	+198400-11	+183739-11
+852696-12	+396107-15	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
21	9	+100000+16

+545361-12	+544896-12	+540729-12	+500770-12
+232397-12	+107684-15	+000000+00	+000000+00
+150596-11	+150467-11	+149317-11	+138282-11
+641740-12	+297359-15	+000000+00	+000000+00
+382768-11	+382442-11	+379517-11	+351472-11
+163111-11	+756795-15	+000000+00	+000000+00
+615386-11	+614861-11	+610159-11	+565070-11
+262237-11	+121611-14	+000000+00	+000000+00
+666868-11	+666300-11	+661204-11	+612343-11
+284176-11	+131676-14	+000000+00	+000000+00
+667000-11	+666431-11	+661335-11	+612464-11
+284232-11	+131702-14	+000000+00	+000000+00
+667000-11	+666431-11	+661335-11	+612464-11
+284232-11	+131702-14	+000000+00	+000000+00

ANTIMONY

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
22	1	+100000+13

+349062-06	+319260-06	+248692-06	+127974-06
+409186-07	+289678-07	+228997-07	+169399-07
+582733-06	+552425-06	+477536-06	+324187-06
+115224-06	+868804-07	+686846-07	+508190-07
+102666-05	+995804-06	+916018-06	+718517-06
+335893-06	+289333-06	+228779-06	+169399-06
+165136-05	+162036-05	+153936-05	+133106-05
+913577-06	+866662-06	+684897-06	+508194-06
+368744-05	+365645-05	+357546-05	+336735-05
+295011-05	+285768-05	+226658-05	+169394-05
+932234-05	+929133-05	+921021-05	+900065-05
+866904-05	+833340-05	+666875-05	+508154-05
+267864-04	+267553-04	+266738-04	+264602-04
+259886-04	+253666-04	+210163-04	+169363-04

ELEMENT	FUNCTION	PHI
22	1	+100000+14

+349062-05	+319260-05	+248692-05	+127974-05
+409186-06	+289677-06	+228997-06	+169399-06
+582733-05	+552425-05	+477536-05	+324186-05
+115224-05	+868803-06	+686844-06	+508196-06
+102666-04	+995802-05	+916016-05	+718515-05
+335891-05	+289331-05	+228777-05	+169396-05
+165134-04	+162034-04	+153934-04	+133104-04
+913552-05	+866637-05	+684871-05	+508168-05
+368716-04	+365617-04	+357518-04	+336706-04
+294982-04	+285738-04	+226628-04	+169365-04
+931966-04	+928865-04	+920752-04	+899796-04
+866631-04	+833067-04	+666602-04	+507882-04
+267558-03	+267248-03	+266433-03	+264296-03
+259678-03	+253348-03	+209846-03	+169046-03

ELEMENT	FUNCTION	PHI
22	1	+300000+14

+104719-04	+957780-05	+746076-05	+383921-05
+122756-05	+869031-06	+686990-06	+508197-06
+174820-04	+165728-04	+143261-04	+972558-05
+345672-05	+260640-05	+206052-05	+152458-05
+307997-04	+298740-04	+274804-04	+215553-04
+100766-04	+867976-05	+686314-05	+508172-05
+495386-04	+486088-04	+461786-04	+399296-04
+274049-04	+259674-04	+206444-04	+152433-04
+110596-03	+109666-03	+107236-03	+100993-03
+884747-04	+857017-04	+679686-04	+507896-04
+279411-03	+278481-03	+276047-03	+269759-03
+256808-03	+249739-03	+199799-03	+152183-03
+800650-03	+799719-03	+797272-03	+790862-03
+776701-03	+758010-03	+627504-03	+505104-03

ELEMENT	FUNCTION	PHI
22	1	+100000+15

+349062-04	+319260-04	+248692-04	+127974-04
+409185-05	+289676-05	+228996-05	+169398-05
+582732-04	+552424-04	+477535-04	+324185-04
+115223-04	+868786-05	+686828-05	+508179-05
+102664-03	+995785-04	+915999-04	+718496-04
+335866-04	+289306-04	+228752-04	+169371-04
+165112-03	+162012-03	+153912-03	+133081-03
+913299-04	+865382-04	+684617-04	+507913-04
+368433-03	+365333-03	+357234-03	+336419-03
+294686-03	+285442-03	+226331-03	+169068-03
+929294-03	+926193-03	+918079-03	+897113-03
+863919-03	+830363-03	+663888-03	+505168-03
+264554-02	+264243-02	+263427-02	+261288-02
+256560-02	+250330-02	+206828-02	+166028-02

ELEMENT	FUNCTION	PHI
22	1	+300000+15

+104719-03	+957779-04	+746075-04	+383920-04
+122755-04	+869020-05	+686978-05	+508185-05
+174819-03	+165727-03	+143260-03	+972548-04
+345657-04	+260625-04	+206037-04	+152443-04
+307981-03	+298724-03	+274788-03	+215536-03
+100744-03	+867750-04	+686088-04	+507947-04
+495189-03	+485891-03	+461589-03	+399091-03
+273821-03	+259446-03	+205216-03	+152204-03
+110342-02	+109412-02	+106982-02	+100736-02
+882091-03	+854355-03	+677023-03	+505234-03
+277030-02	+276100-02	+273665-02	+267369-02
+254392-02	+247321-02	+197381-02	+149765-02
+774500-02	+773568-02	+771119-02	+764682-02
+750440-02	+731743-02	+601237-02	+478837-02

ELEMENT	FUNCTION	PHI
22	1	+100000+16

+349061-03	+319259-03	+248691-03	+127973-03
+409172-04	+289663-04	+228983-04	+169385-04
+582722-03	+552414-03	+477525-03	+324174-03
+115206-03	+868620-04	+686662-04	+508013-04
+102647-02	+995613-03	+915824-03	+718304-03
+335621-03	+289066-03	+228502-03	+169121-03
+164894-02	+161794-02	+153693-02	+132854-02
+910782-03	+862846-03	+682080-03	+505377-03
+365642-02	+362542-02	+354440-02	+333595-02
+291769-02	+282618-02	+223408-02	+166145-02
+903749-02	+900647-02	+892523-02	+871471-02
+828010-02	+804423-02	+637968-02	+479257-02
+238601-01	+238290-01	+237472-01	+235309-01
+230608-01	+224272-01	+180770-01	+139970-01

ANTIMONY

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
22	2	+100000+13

+152325-20	+599554-21	+135052-21	+990245-23
+940959-24	+272977-26	+131235-26	+863791-30
+153831-20	+614462-21	+148771-21	+190874-22
+232914-23	+818278-26	+393385-26	+258927-29
+155472-20	+630835-21	+164837-21	+324091-22
+441008-23	+271996-26	+130756-26	+860636-29
+155971-20	+635814-21	+169725-21	+364751-22
+508661-23	+809444-26	+389096-26	+256103-28
+155998-20	+636088-21	+169998-21	+367344-22
+529062-23	+262316-24	+126087-24	+829908-28
+156048-20	+636592-21	+170502-21	+372383-22
+579068-23	+727042-24	+349462-24	+230016-27
+156172-20	+637831-21	+171741-21	+384765-22
+701924-23	+186877-23	+898243-24	+591224-27

ELEMENT	FUNCTION	PHI
22	2	+100000+14

+152325-19	+599554-20	+135052-20	+990245-22
+940959-23	+272977-25	+131235-25	+863792-29
+153831-19	+614462-20	+148771-20	+190874-21
+232914-22	+818279-25	+393385-25	+258927-28
+155472-19	+630835-20	+164837-20	+324091-21
+441008-22	+271996-24	+130756-24	+860636-28
+155971-19	+635814-20	+169726-20	+364754-21
+508652-22	+809444-24	+389096-24	+256103-27
+155998-19	+636089-20	+169999-20	+367352-21
+529068-22	+262316-23	+126087-23	+829908-27
+156049-19	+636595-20	+170505-20	+372408-21
+579086-22	+727042-23	+349462-23	+230016-26
+156173-19	+637843-20	+171752-20	+384848-21
+701985-22	+186877-22	+898243-23	+591224-26

ELEMENT	FUNCTION	PHI
22	2	+300000+14

+456974-19	+179866-19	+405155-20	+297073-21
+282288-22	+818932-25	+393706-25	+259137-28
+461493-19	+184339-19	+446313-20	+572621-21
+698743-22	+245484-24	+118016-24	+776780-28
+466415-19	+189250-19	+494512-20	+972277-21
+132303-21	+815988-24	+392267-24	+258191-27
+467912-19	+190744-19	+509178-20	+109427-20
+152597-21	+242833-23	+116729-23	+768310-27
+467995-19	+190827-19	+510003-20	+110211-20
+158724-21	+786947-23	+378262-23	+248972-26
+468148-19	+190981-19	+511537-20	+111739-20
+173738-21	+218113-22	+104839-22	+690048-26
+468528-19	+191360-19	+515328-20	+115510-20
+210636-21	+560632-22	+269473-22	+177367-25

ELEMENT	FUNCTION	PHI
22	2	+100000+15

+152325-18	+599554-19	+135052-19	+990245-21
+940959-22	+272977-24	+131235-24	+863792-28
+153831-18	+614462-19	+148771-19	+190874-20
+232914-21	+818279-24	+393385-24	+258927-27
+155472-18	+630835-19	+164838-19	+324096-20
+441012-21	+271996-23	+130756-23	+860636-27
+155971-18	+635817-19	+169728-19	+364775-20
+508668-21	+809444-23	+389096-23	+256103-26
+155999-18	+636099-19	+170009-19	+367432-20
+529126-21	+262316-22	+126087-22	+829908-26
+156052-18	+636628-19	+170537-19	+372654-20
+579266-21	+727042-22	+349462-22	+230016-25
+156184-18	+637951-19	+171858-19	+385660-20
+702577-21	+186877-21	+898243-22	+591224-25

ELEMENT	FUNCTION	PHI
22	2	+300000+15

+456974-18	+179866-18	+405155-19	+297074-20
+282288-21	+818932-24	+393706-24	+259137-27
+461493-18	+184339-18	+446314-19	+572625-20
+698745-21	+245484-23	+118016-23	+776780-27
+466415-18	+189251-18	+494517-19	+972319-20
+132306-20	+815988-23	+392267-23	+258191-26
+467915-18	+190747-18	+509203-19	+109446-19
+152611-20	+242833-22	+116729-22	+768310-26
+468005-18	+190837-18	+510096-19	+110282-19
+158776-20	+786947-22	+378262-22	+248972-25
+468178-18	+191010-18	+511820-19	+111956-19
+173896-20	+218113-21	+104839-21	+690048-25
+468620-18	+191452-18	+516221-19	+116197-19
+211137-20	+560632-21	+269473-21	+177367-24

ELEMENT	FUNCTION	PHI
22	2	+100000+16

+152325-17	+599554-18	+135052-18	+990247-20
+940960-21	+272977-23	+131235-23	+863792-27
+153831-17	+614463-18	+148772-18	+190878-19
+232917-20	+818279-23	+393385-23	+258927-26
+155472-17	+630841-18	+164844-18	+324142-19
+441045-20	+271996-22	+130756-22	+860636-26
+155974-17	+635845-18	+169756-18	+364985-19
+508821-20	+809444-22	+389096-22	+256103-25
+156010-17	+636203-18	+170110-18	+368209-19
+529693-20	+262316-21	+126087-21	+829908-25
+156082-17	+636931-18	+170832-18	+374920-19
+580917-20	+727042-21	+349462-21	+230016-24
+156267-17	+638778-18	+172663-18	+391857-19
+707093-20	+186877-20	+898243-21	+591224-24

ANTIMONY

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
22	3	+100000+13

+134255-24	+134563-24	+123989-24	+396469-25
+401309-26	+744302-29	+357826-29	+235522-32
+196527-24	+196411-24	+182326-24	+795361-25
+993172-26	+223112-28	+107261-28	+705990-32
+266628-24	+266364-24	+250955-24	+136386-24
+187890-25	+741626-28	+356519-28	+234661-31
+287850-24	+287542-24	+271746-24	+153666-24
+215946-25	+220703-27	+106091-27	+698292-31
+288721-24	+288412-24	+272609-24	+154473-24
+221667-25	+715231-27	+343790-27	+226283-30
+290096-24	+289787-24	+273984-24	+155847-24
+235302-26	+198236-26	+952844-27	+627163-30
+293475-24	+293166-24	+277363-24	+159223-24
+268800-25	+509540-26	+244915-26	+161203-29

ELEMENT	FUNCTION	PHI
22	3	+100000+14

+134255-23	+134563-23	+123989-23	+396469-24
+401309-25	+744302-28	+357826-28	+235522-31
+196527-23	+196411-23	+182326-23	+795361-24
+993172-25	+223112-27	+107261-27	+705991-31
+266628-23	+266364-23	+250955-23	+136386-23
+187890-24	+741626-27	+356519-27	+234661-30
+287851-23	+287543-23	+271746-23	+153667-23
+215947-24	+220703-26	+106091-26	+698292-30
+288724-23	+288415-23	+272611-23	+154475-23
+221669-24	+715231-26	+343790-26	+226283-29
+290104-23	+289795-23	+273991-23	+155853-23
+235306-24	+198236-25	+952844-26	+627163-29
+293501-23	+293192-23	+277388-23	+159242-23
+268814-24	+509540-25	+244915-25	+161204-28

ELEMENT	FUNCTION	PHI
22	3	+300000+14

+402765-23	+403690-23	+371968-23	+118941-23
+120393-24	+223291-27	+107348-27	+706565-31
+589580-23	+589233-23	+546978-23	+238608-23
+297952-24	+669337-27	+321782-27	+211797-30
+799886-23	+799092-23	+752866-23	+409160-23
+563671-24	+222488-26	+106956-26	+703984-30
+863558-23	+862633-23	+815241-23	+461004-23
+647843-24	+662110-26	+318273-26	+209488-29
+866187-23	+865260-23	+817850-23	+463438-23
+665015-24	+214569-26	+103137-25	+678849-29
+870563-23	+869436-23	+822023-23	+467597-23
+705946-24	+594707-26	+285853-26	+188149-28
+880674-23	+879746-23	+832329-23	+477855-23
+806534-24	+152862-24	+734746-25	+483610-28

ELEMENT	FUNCTION	PHI
22	3	+100000+15

+134255-22	+134563-22	+123989-22	+396470-23
+401309-24	+744302-27	+357826-27	+235522-30
+196527-22	+196411-22	+182326-22	+795362-23
+993173-24	+223112-26	+107261-26	+705991-30
+266630-22	+266365-22	+250956-22	+136388-22
+187891-23	+741626-26	+356519-26	+234661-29
+287858-22	+287549-22	+271752-22	+153672-22
+215950-23	+220703-25	+106091-25	+698292-29
+288748-22	+288439-22	+272635-22	+154494-22
+221682-23	+715231-25	+343790-25	+226283-28
+290180-22	+289871-22	+274065-22	+155910-22
+235348-23	+198236-24	+952844-25	+627163-28
+293752-22	+293442-22	+277631-22	+159430-22
+268951-23	+509540-24	+244915-24	+161203-27

ELEMENT	FUNCTION	PHI
22	3	+300000+15

+402765-22	+403690-22	+371968-22	+118941-22
+120393-23	+223291-26	+107348-26	+706565-30
+589581-22	+589234-22	+546979-22	+238609-22
+297952-23	+669337-26	+321782-26	+211797-29
+799899-22	+799105-22	+752878-22	+409170-22
+563678-23	+222488-25	+106956-25	+703984-29
+863616-22	+862691-22	+815298-22	+461048-22
+647875-23	+662110-25	+318273-25	+209488-28
+866408-22	+865480-22	+818064-22	+463603-22
+665135-23	+214569-24	+103137-24	+678849-28
+871035-22	+870106-22	+822676-22	+468100-22
+706313-23	+594707-24	+285853-24	+188149-27
+882799-22	+881865-22	+834392-22	+479443-22
+807692-23	+152862-23	+734746-24	+483610-27

ELEMENT	FUNCTION	PHI
22	3	+100000+16

+134255-21	+134563-21	+123989-21	+396470-22
+401310-23	+744302-26	+357826-26	+235522-29
+196528-21	+196412-21	+182327-21	+795371-22
+993179-23	+223112-25	+107261-25	+705990-29
+266644-21	+266379-21	+250970-21	+136398-21
+187899-22	+741626-25	+356519-25	+234661-28
+287922-21	+287614-21	+271815-21	+153720-21
+215986-22	+220703-24	+106091-24	+698292-28
+288989-21	+288679-21	+272869-21	+154673-21
+221813-22	+715231-24	+343790-24	+226283-27
+290881-21	+290570-21	+274746-21	+156434-21
+235729-22	+198236-23	+952844-24	+627163-27
+295669-21	+295353-21	+279493-21	+160863-21
+269996-22	+509540-23	+244916-23	+161203-26

ANTIMONY

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
22	4	+100000+13

+190878-22	+640434-23	+121098-23	+754274-25
+624100-26	+906108-29	+435615-29	+286722-32
+191982-22	+651338-23	+130975-23	+137169-24
+154443-25	+271615-28	+130578-28	+859467-32
+193072-22	+662212-23	+141645-23	+225587-24
+292082-25	+902860-28	+434023-28	+285675-31
+193401-22	+665503-23	+144875-23	+252423-24
+335240-25	+268682-27	+129154-27	+850095-31
+193413-22	+665620-23	+144991-23	+253500-24
+342360-25	+870716-27	+418627-27	+275475-30
+193430-22	+665787-23	+145159-23	+255173-24
+368949-25	+241330-26	+115998-26	+763502-30
+193471-22	+666199-23	+145570-23	+259284-24
+399730-25	+620310-26	+298158-26	+196248-29

ELEMENT	FUNCTION	PHI
22	4	+100000+14

+190878-21	+640434-22	+121098-22	+754274-24
+624100-25	+906108-28	+435615-28	+286722-31
+191982-21	+651338-22	+130975-22	+137169-23
+154443-24	+271615-27	+130578-27	+859467-31
+193072-21	+662212-22	+141645-22	+225587-23
+292082-24	+902860-27	+434023-27	+285675-30
+193401-21	+665503-22	+144875-22	+252424-23
+335240-24	+268682-26	+129154-26	+850095-30
+193413-21	+665621-22	+144992-22	+253504-23
+342353-24	+870716-26	+418527-26	+275475-29
+193430-21	+665789-22	+145160-22	+255186-23
+368959-24	+241330-25	+115998-25	+763502-29
+193471-21	+666205-22	+145576-22	+259329-23
+399762-24	+620310-25	+298158-25	+196248-28

ELEMENT	FUNCTION	PHI
22	4	+300000+14

+572634-21	+192130-21	+363293-22	+226282-23
+187230-24	+271832-27	+130684-27	+860166-31
+575945-21	+195401-21	+392926-22	+411508-23
+463329-24	+814846-27	+391734-27	+257840-30
+579215-21	+198664-21	+424935-22	+676762-23
+876247-24	+270855-26	+130207-26	+857024-30
+580204-21	+199651-21	+434626-22	+757281-23
+100573-23	+806047-26	+387463-26	+255028-29
+580239-21	+199687-21	+434979-22	+760540-23
+102708-23	+261215-25	+125558-25	+826425-29
+580281-21	+199738-21	+435493-22	+765636-23
+107694-23	+723991-26	+347995-25	+229051-28
+580418-21	+199865-21	+436766-22	+778280-23
+119950-23	+186093-24	+894473-25	+588743-28

ELEMENT	FUNCTION	PHI
22	4	+100000+15

+190878-20	+640434-21	+121098-21	+754274-23
+624100-24	+906108-27	+435615-27	+286722-30
+191982-20	+651338-21	+130975-21	+137169-22
+154443-23	+271615-26	+130578-26	+859467-30
+193072-20	+662213-21	+141645-21	+225589-22
+292084-23	+902860-26	+434023-26	+285675-29
+193401-20	+665504-21	+144876-21	+252436-22
+335249-23	+268682-25	+129154-25	+850095-29
+193414-20	+665626-21	+144997-21	+253547-22
+342384-23	+870716-25	+418527-25	+275475-28
+193432-20	+665807-21	+145177-21	+255317-22
+369054-23	+241330-24	+115998-24	+763502-28
+193477-20	+666263-21	+145632-21	+259762-22
+400078-23	+620310-24	+298158-24	+196248-27

ELEMENT	FUNCTION	PHI
22	4	+300000+15

+572634-20	+192130-20	+363295-21	+226282-22
+187230-23	+271832-26	+130684-26	+860166-30
+575945-20	+195401-20	+392926-21	+411510-22
+463331-23	+814846-26	+391734-26	+257840-29
+579215-20	+198664-20	+424938-21	+676784-22
+876263-23	+270855-25	+130207-25	+857024-29
+580205-20	+199652-20	+434639-21	+757382-22
+100580-22	+806047-25	+387463-25	+255028-28
+580245-20	+199692-20	+435028-21	+760921-22
+102736-22	+261215-24	+125558-24	+826425-28
+580306-20	+199753-20	+435643-21	+766806-22
+107779-22	+723991-24	+347995-24	+229051-27
+580467-20	+199914-20	+437242-21	+781946-22
+120217-22	+186093-23	+894473-24	+588743-27

ELEMENT	FUNCTION	PHI
22	4	+100000+16

+190878-19	+640434-20	+121098-20	+754275-22
+624101-23	+906108-26	+435615-26	+286722-29
+191982-19	+651338-20	+130976-20	+137172-21
+154446-22	+271615-25	+130578-25	+859467-29
+193072-19	+662216-20	+141648-20	+225614-21
+292102-22	+902850-25	+434023-25	+285675-28
+193403-19	+665519-20	+144891-20	+252548-21
+335330-22	+268682-24	+129154-24	+850095-28
+193419-19	+665682-20	+145051-20	+253961-21
+342686-22	+870716-24	+418527-24	+275475-27
+193448-19	+665968-20	+145335-20	+256526-21
+369936-22	+241330-23	+115998-23	+763502-27
+193521-19	+666704-20	+146062-20	+263068-21
+402487-22	+620310-23	+298158-23	+196248-26

ANTIMONY

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
22	5	+100000+13

+330790-31	+334915-31	+360039-31	+505582-31
+671517-31	+678897-31	+688491-31	+688530-31
+142527-30	+143113-30	+147127-30	+172481-30
+201524-30	+203687-30	+206547-30	+206559-30
+604473-30	+605116-30	+609624-30	+638546-30
+672211-30	+679156-30	+688490-30	+688528-30
+194991-29	+195056-29	+195508-29	+198421-29
+201958-29	+203910-29	+206547-29	+206558-29
+668505-29	+668570-29	+669027-29	+671986-29
+675973-29	+681288-29	+688485-29	+688514-29
+203429-28	+203436-28	+203482-28	+203784-28
+204242-28	+206218-28	+206539-28	+206545-28
+684797-28	+684803-28	+684850-28	+685154-28
+685637-28	+686796-28	+688363-28	+688370-28

ELEMENT	FUNCTION	PHI
22	5	+100000+14

+330789-30	+334915-30	+360038-30	+505582-30
+671517-30	+678897-30	+688490-30	+688529-30
+142527-29	+143112-29	+147126-29	+172480-29
+201523-29	+203686-29	+206546-29	+206558-29
+604462-29	+605104-29	+609612-29	+638535-29
+672199-29	+679145-29	+688479-29	+688517-29
+194979-28	+195044-28	+195497-28	+198409-28
+201946-28	+203898-28	+206536-28	+206546-28
+668365-28	+668430-28	+668887-28	+671846-28
+675833-28	+681148-28	+688345-28	+688374-28
+203301-27	+203308-27	+203354-27	+203656-27
+204114-27	+206090-27	+206411-27	+206417-27
+683361-27	+683368-27	+683414-27	+683719-27
+684201-27	+685359-27	+686928-27	+686934-27

ELEMENT	FUNCTION	PHI
22	5	+300000+14

+992364-30	+100474-29	+108011-29	+151674-29
+201455-29	+203669-29	+206547-29	+206558-29
+427575-29	+429331-29	+441373-29	+517437-29
+604565-29	+611053-29	+619635-29	+619670-29
+181331-28	+181524-28	+182876-28	+191553-28
+201652-28	+203736-28	+206536-28	+206548-28
+584858-28	+585052-28	+586411-28	+595147-28
+605760-28	+611614-28	+619526-28	+619558-28
+200416-27	+200436-27	+200573-27	+201461-27
+202657-27	+204251-27	+206410-27	+206419-27
+609051-27	+609071-27	+609210-27	+610116-27
+611490-27	+614416-27	+618381-27	+618397-27
+204056-26	+204058-26	+204072-26	+204163-26
+204308-26	+204655-26	+205126-26	+205128-26

ELEMENT	FUNCTION	PHI
22	5	+100000+15

+330785-29	+334910-29	+360034-29	+505577-29
+671512-29	+678892-29	+688485-29	+688525-29
+142520-28	+143105-28	+147119-28	+172474-28
+201516-28	+203679-28	+206540-28	+206551-28
+604349-28	+604991-28	+609499-28	+638421-28
+672086-28	+679031-28	+688366-28	+688404-28
+194860-27	+194925-27	+195378-27	+198290-27
+201828-27	+203779-27	+206416-27	+206427-27
+666971-27	+667036-27	+667493-27	+670452-27
+674439-27	+679754-27	+686951-27	+686980-27
+202027-26	+202033-26	+202080-26	+202382-26
+202840-26	+203815-26	+205137-26	+205142-26
+669247-26	+669253-26	+669300-26	+669604-26
+670087-26	+671245-26	+672813-26	+672820-26

ELEMENT	FUNCTION	PHI
22	5	+300000+15

+992323-29	+100470-28	+108007-28	+151670-28
+201451-28	+203665-28	+206543-28	+206554-28
+427513-28	+429269-28	+441312-28	+517375-28
+604503-28	+610992-28	+619573-28	+619608-28
+181229-27	+181422-27	+182774-27	+191451-27
+201550-27	+203634-27	+206434-27	+206445-27
+583791-27	+583984-27	+585343-27	+594080-27
+604692-27	+610546-27	+618458-27	+618491-27
+199166-26	+199186-26	+199323-26	+200211-26
+201407-26	+203001-26	+205160-26	+205169-26
+597711-26	+597731-26	+597870-26	+598776-26
+600150-26	+603076-26	+607041-26	+607057-26
+191815-25	+191817-25	+191831-25	+191922-25
+192067-25	+192414-25	+192885-25	+192887-25

ELEMENT	FUNCTION	PHI
22	5	+100000+16

+330739-28	+334864-28	+359988-28	+505531-28
+671466-28	+678846-28	+688439-28	+688478-28
+142451-27	+143036-27	+147050-27	+172405-27
+201447-27	+203610-27	+206471-27	+206482-27
+603215-27	+603857-27	+608365-27	+637288-27
+670953-27	+677898-27	+687232-27	+687270-27
+193679-26	+193743-26	+194196-26	+197109-26
+200646-26	+202697-26	+206235-26	+205246-26
+653260-26	+653325-26	+653783-26	+656741-26
+660729-26	+666043-26	+673241-26	+673270-26
+189907-25	+189914-25	+189960-25	+190262-25
+190720-25	+191696-25	+193017-25	+193023-25
+549184-25	+549191-25	+549237-25	+549542-25
+550024-25	+551182-25	+552761-25	+552757-25

ANTIMONY

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
22	6	+100000+13

+126102-17	+128585-17	+150842-17	+364173-17
+178974-16	+282804-16	+135960-16	+894888-20
+107353-16	+108038-16	+114177-16	+173019-16
+566100-16	+847734-16	+407547-16	+268248-19
+992998-16	+994732-16	+101026-15	+115914-15
+215250-15	+281788-15	+135463-15	+891618-19
+578162-15	+578436-15	+580896-15	+604463-15
+760929-15	+838584-15	+403103-15	+265323-18
+258991-14	+259019-14	+259268-14	+261653-14
+277099-14	+271759-14	+130626-14	+859784-18
+781604-14	+781626-14	+781829-14	+783757-14
+795167-14	+753216-14	+362042-14	+238297-17
+206591-13	+206592-13	+206600-13	+206673-13
+206797-13	+193605-13	+930580-14	+612509-17

ELEMENT	FUNCTION	PHI
22	6	+100000+14

+126458-16	+128941-16	+151189-16	+364439-16
+178976-15	+282804-15	+135960-15	+894888-19
+108043-15	+108726-15	+114848-15	+173535-15
+566138-15	+847735-15	+407547-15	+268248-18
+100116-14	+100287-14	+101819-14	+116524-14
+215294-14	+281788-14	+135463-14	+891619-18
+581929-14	+582193-14	+584555-14	+607279-14
+761134-14	+838584-14	+403103-14	+265323-17
+260417-13	+260441-13	+260653-13	+262719-13
+277177-13	+271759-13	+130626-13	+859784-17
+786025-13	+786035-13	+786124-13	+787063-13
+795408-13	+753216-13	+362042-13	+238297-16
+208079-12	+208075-12	+208045-12	+207785-12
+206878-12	+193605-12	+930580-13	+612509-16

ELEMENT	FUNCTION	PHI
22	6	+300000+14

+382131-16	+389571-16	+456243-16	+109538-15
+536942-15	+848411-15	+407879-15	+268466-18
+328820-15	+330856-15	+349099-15	+524110-15
+169867-14	+254320-14	+122264-14	+804744-18
+305804-14	+306301-14	+310757-14	+353650-14
+646179-14	+845363-14	+406389-14	+267486-17
+177091-13	+177163-13	+177807-13	+184062-13
+228477-13	+251575-13	+120931-13	+795969-17
+790752-13	+790796-13	+791188-13	+795259-13
+832048-13	+815277-13	+391879-13	+257935-16
+238748-12	+238743-12	+238693-12	+238317-12
+238782-12	+225965-12	+108613-12	+714890-16
+634073-12	+634034-12	+633689-12	+630707-12
+621170-12	+580814-12	+279174-12	+183753-15

ELEMENT	FUNCTION	PHI
22	6	+100000+15

+130505-15	+132976-15	+155120-15	+367464-15
+178998-14	+282804-14	+135960-14	+894888-18
+115058-14	+115721-14	+121662-14	+178779-14
+566520-14	+847735-14	+407547-14	+268248-17
+108295-13	+108443-13	+109764-13	+122638-13
+215740-13	+281788-13	+135463-13	+891618-17
+619594-13	+619748-13	+621140-13	+635435-13
+763186-13	+838584-13	+403103-13	+265323-16
+274641-12	+274624-12	+274469-12	+273352-12
+277952-12	+271759-12	+130626-12	+859784-16
+829877-12	+829759-12	+828717-12	+819842-12
+797796-12	+753216-12	+362042-12	+238297-15
+222545-11	+222500-11	+222096-11	+218598-11
+207666-11	+193605-11	+930580-12	+612509-15

ELEMENT	FUNCTION	PHI
22	6	+300000+15

+418301-15	+425636-15	+491376-15	+112242-14
+537139-14	+848411-14	+407879-14	+268466-17
+391890-14	+393742-14	+410360-14	+571256-14
+170211-13	+254320-13	+122264-13	+804744-17
+379376-13	+379659-13	+382219-13	+408646-13
+650187-13	+845363-13	+406389-13	+267486-16
+210934-12	+210908-12	+210680-12	+209360-12
+230321-12	+251575-12	+120931-12	+795969-16
+918007-12	+917680-12	+914793-12	+890384-12
+838980-12	+815277-12	+391879-12	+257935-15
+277494-11	+277375-11	+276328-11	+267280-11
+240893-11	+225965-11	+108613-11	+714890-15
+756500-11	+756105-11	+752605-11	+722223-11
+627839-11	+580814-11	+279174-11	+183753-14

ELEMENT	FUNCTION	PHI
22	6	+100000+16

+170531-14	+172886-14	+193998-14	+397384-14
+179216-13	+282804-13	+135960-13	+894888-17
+185073-13	+185532-13	+189668-13	+231115-13
+570334-13	+847735-13	+407547-13	+268248-16
+189911-12	+189821-12	+189039-12	+183647-12
+220186-12	+281788-12	+135463-12	+891618-16
+993512-12	+992579-12	+984333-12	+914944-12
+783556-12	+838584-12	+403103-12	+265323-15
+413121-11	+412701-11	+408977-11	+376868-11
+285495-11	+271759-11	+130626-11	+859784-15
+123373-10	+123244-10	+122099-10	+112173-10
+819797-11	+753216-11	+362042-11	+238297-14
+332971-10	+332605-10	+329355-10	+301144-10
+213682-10	+193605-10	+930580-11	+612509-14

ANTIMONY

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
22	7	+100000+13

+126211-11	+126483-11	+116235-11	+356632-12
+347976-13	+727212-16	+349611-16	+230114-19
+181641-11	+181515-11	+167976-11	+704160-12
+861216-13	+217990-15	+104798-15	+689781-19
+242440-11	+242185-11	+227494-11	+119709-11
+162958-12	+724598-16	+348333-16	+229273-18
+260853-11	+260560-11	+245533-11	+134704-11
+187440-12	+216636-14	+103656-14	+682259-18
+261666-11	+261372-11	+246340-11	+135462-11
+192982-12	+698809-14	+335896-14	+221087-17
+263009-11	+262716-11	+247683-11	+136805-11
+206304-12	+193684-13	+930966-14	+612763-17
+266311-11	+266017-11	+250984-11	+140103-11
+239032-12	+497841-13	+239292-13	+157502-16

ELEMENT	FUNCTION	PHI
22	7	+100000+14

+126211-10	+126483-10	+116235-10	+356632-11
+347976-12	+727212-16	+349611-16	+230114-18
+181641-10	+181515-10	+167976-10	+704161-11
+861216-12	+217990-14	+104798-14	+689781-18
+242440-10	+242185-10	+227494-10	+119709-10
+162958-11	+724598-14	+348333-14	+229273-17
+260853-10	+260560-10	+245533-10	+134705-10
+187440-11	+216636-13	+103656-13	+682259-17
+261668-10	+261376-10	+246342-10	+135464-10
+192983-11	+698809-13	+335896-13	+221087-16
+263017-10	+262724-10	+247691-10	+136811-10
+206308-11	+193684-12	+930966-13	+612763-16
+266338-10	+266044-10	+251010-10	+140123-10
+239047-11	+497841-12	+239292-12	+157502-15

ELEMENT	FUNCTION	PHI
22	7	+300000+14

+378632-10	+379450-10	+348705-10	+106990-10
+104393-11	+218164-14	+104883-14	+690342-18
+544923-10	+544546-10	+503928-10	+211248-10
+258365-11	+653969-14	+314394-14	+206934-17
+727321-10	+726556-10	+682484-10	+359128-10
+488874-11	+217379-13	+104500-13	+687820-17
+782565-10	+781686-10	+736604-10	+404118-10
+562323-11	+646908-13	+310965-13	+204678-16
+785022-10	+784141-10	+739043-10	+406405-10
+578959-11	+209643-12	+100769-12	+663262-16
+789104-10	+788223-10	+743123-10	+410471-10
+618952-11	+581062-12	+279290-12	+183829-15
+799187-10	+798306-10	+753200-10	+420499-10
+717236-11	+149362-11	+717876-12	+472507-15

ELEMENT	FUNCTION	PHI
22	7	+100000+15

+126211-09	+126483-09	+116235-09	+356632-10
+347976-11	+727212-14	+349611-14	+230114-17
+181641-09	+181516-09	+167976-09	+704161-10
+861217-11	+217990-13	+104798-13	+689781-17
+242441-09	+242186-09	+227496-09	+119710-09
+162959-10	+724598-13	+348333-13	+229273-16
+260860-09	+260567-09	+245540-09	+134710-09
+187444-10	+216636-12	+103655-12	+682259-16
+261694-09	+261400-09	+246367-09	+135483-09
+192997-10	+698809-12	+335896-12	+221087-15
+263025-09	+262801-09	+247766-09	+136869-09
+206350-10	+193684-11	+930966-12	+612763-15
+266595-09	+266300-09	+251260-09	+140315-09
+239187-10	+497841-11	+239292-11	+157502-14

ELEMENT	FUNCTION	PHI
22	7	+300000+15

+378632-09	+379450-09	+348705-09	+106990-09
+104393-10	+218164-13	+104883-13	+690342-17
+544924-09	+544548-09	+503929-09	+211249-09
+258366-10	+653969-13	+314394-13	+206934-16
+727334-09	+726569-09	+682497-09	+359137-09
+488881-10	+217379-12	+104500-12	+687820-16
+782625-09	+781746-09	+736662-09	+404163-09
+562356-10	+646908-12	+310965-12	+204678-15
+785248-09	+784367-09	+739262-09	+406574-09
+579083-10	+209643-11	+100769-11	+663262-15
+789793-09	+788910-09	+743792-09	+410986-09
+619327-10	+581062-11	+279290-11	+183829-14
+801364-09	+800476-09	+755314-09	+422126-09
+718421-10	+149362-10	+717876-11	+472507-14

ELEMENT	FUNCTION	PHI
22	7	+100000+16

+126211-08	+126483-08	+116235-08	+356633-09
+347976-10	+727212-13	+349611-13	+230114-16
+181642-08	+181517-08	+167977-08	+704171-09
+861224-10	+217990-12	+104798-12	+689781-16
+242456-08	+242201-08	+227510-08	+119721-08
+162966-09	+724598-12	+348333-12	+229273-15
+260927-08	+260633-08	+245604-08	+134760-08
+187480-09	+216636-11	+103655-11	+682259-15
+261940-08	+261646-08	+246606-08	+135667-08
+193131-09	+698809-11	+335896-11	+221087-14
+263813-08	+263517-08	+248464-08	+137405-08
+206741-09	+193684-10	+930966-11	+612763-14
+268568-08	+268258-08	+253167-08	+141782-08
+240256-09	+497841-10	+239292-10	+157502-13

ANTIMONY

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
22	8	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
22	8	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
22	8	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
22	8	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
22	8	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
22	8	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ANTIMONY

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
22	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
22	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
22	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
22	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
22	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
22	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

TELLURIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
23	1	+100000+13

+430909-05	+424498-05	+395145-05	+347217-05
+187592-05	+154026-05	+151538-05	+152134-05
+108660-04	+107941-04	+104315-04	+933660-05
+550331-05	+461919-05	+454615-05	+456401-05
+267777-04	+266957-04	+262427-04	+243446-04
+175201-04	+153801-04	+151540-04	+152134-04
+607992-04	+607144-04	+602374-04	+581202-04
+502101-04	+460167-04	+454636-04	+456401-04
+170994-03	+170908-03	+170423-03	+168225-03
+159596-03	+152636-03	+151561-03	+152133-03
+475009-03	+474923-03	+474435-03	+472213-03
+463364-03	+455301-03	+454812-03	+456399-03
+153458-02	+153449-02	+153400-02	+153178-02
+152296-02	+151614-02	+151724-02	+152132-02

ELEMENT	FUNCTION	PHI
23	1	+100000+14

+430909-04	+424498-04	+395145-04	+347217-04
+187592-04	+154026-04	+151538-04	+152134-04
+108660-03	+107941-03	+104315-03	+933660-04
+550331-04	+461919-04	+454615-04	+456401-04
+267777-03	+266957-03	+262427-03	+243445-03
+175201-03	+153800-03	+151540-03	+152133-03
+607990-03	+607143-03	+602373-03	+581200-03
+502099-03	+460165-03	+454633-03	+456399-03
+170992-02	+170906-02	+170421-02	+168223-02
+159594-02	+152634-02	+151559-02	+152132-02
+474992-02	+474906-02	+474419-02	+472197-02
+463347-02	+455285-02	+454796-02	+456383-02
+153440-01	+153431-01	+153382-01	+153160-01
+152277-01	+151496-01	+151706-01	+152114-01

ELEMENT	FUNCTION	PHI
23	1	+300000+14

+129273-03	+127349-03	+118544-03	+104165-03
+562775-04	+462076-04	+454614-04	+456401-04
+325978-03	+323823-03	+312946-03	+280098-03
+165099-03	+138576-03	+136384-03	+136920-03
+803330-03	+800869-03	+787280-03	+730335-03
+525601-03	+461400-03	+454619-03	+456399-03
+182396-02	+182142-02	+180711-02	+174359-02
+150629-02	+138048-02	+136389-02	+136919-02
+512964-02	+512707-02	+511252-02	+504658-02
+478771-02	+457589-02	+454665-02	+456383-02
+142487-01	+142461-01	+142315-01	+141648-01
+138993-01	+136675-01	+136428-01	+136904-01
+460198-01	+460172-01	+460026-01	+459360-01
+456711-01	+454368-01	+454996-01	+456220-01

ELEMENT	FUNCTION	PHI
23	1	+100000+15

+430909-03	+424498-03	+395145-03	+347217-03
+187591-03	+154025-03	+151538-03	+152133-03
+108659-02	+107941-02	+104315-02	+933658-03
+550329-03	+461917-03	+454614-03	+456399-03
+267775-02	+266955-02	+262425-02	+243443-02
+175199-02	+153799-02	+151538-02	+152132-02
+607973-02	+607126-02	+602356-02	+581184-02
+502082-02	+460149-02	+454616-02	+456383-02
+170974-01	+170888-01	+170403-01	+168205-01
+159576-01	+152615-01	+151541-01	+152113-01
+474828-01	+474743-01	+474255-01	+472033-01
+463184-01	+455121-01	+454632-01	+456219-01
+153258+00	+153249+00	+153200+00	+152978+00
+152095+00	+151316+00	+151524+00	+151932+00

ELEMENT	FUNCTION	PHI
23	1	+300000+15

+129273-02	+127349-02	+118543-02	+104165-02
+562773-03	+462075-03	+454612-03	+456399-03
+325977-02	+323821-02	+312944-02	+280096-02
+165098-02	+138574-02	+136383-02	+136919-02
+803313-02	+800852-02	+787263-02	+730318-02
+525584-02	+461384-02	+454602-02	+456382-02
+182381-01	+182127-01	+180696-01	+174344-01
+150614-01	+138034-01	+136374-01	+136904-01
+512799-01	+512542-01	+511087-01	+504493-01
+478608-01	+457425-01	+454502-01	+456219-01
+142339+00	+142313+00	+142167+00	+141500+00
+138846+00	+136427+00	+136281+00	+136757+00
+458554+00	+458528+00	+458382+00	+457716+00
+455068+00	+452725+00	+453353+00	+454577+00

ELEMENT	FUNCTION	PHI
23	1	+100000+16

+430907-02	+424496-02	+395143-02	+347215-02
+187590-02	+154024-02	+151536-02	+152132-02
+108658-01	+107939-01	+104313-01	+933641-02
+550312-02	+461901-02	+454697-02	+456382-02
+267756-01	+266936-01	+262406-01	+243424-01
+175180-01	+153780-01	+151520-01	+152113-01
+607805-01	+606958-01	+602188-01	+581017-01
+501918-01	+463986-01	+454452-01	+456218-01
+170790+00	+170705+00	+170220+00	+168022+00
+159394+00	+152333+00	+151369+00	+151931+00
+473182+00	+473096+00	+472608+00	+470387+00
+461641+00	+453478+00	+452989+00	+454576+00
+151413+01	+151404+01	+151355+01	+151133+01
+150251+01	+149470+01	+149680+01	+150088+01

TELLURIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
23	2	+100000+13	
+343139-20	+232912-20	+566418-21	+128305-21
+154853-22	+293858-24	+219104-27	+128511-30
+365898-20	+255608-20	+787893-21	+305592-21
+381919-22	+863624-24	+656210-27	+385220-30
+395869-20	+285509-20	+108063-20	+542787-21
+752501-22	+268293-23	+217470-26	+128042-29
+405421-20	+295045-20	+117460-20	+624285-21
+108286-21	+666718-23	+642046-26	+381019-29
+410348-20	+299971-20	+122375-20	+672386-21
+147474-21	+131062-22	+203510-25	+123470-28
+411923-20	+301545-20	+123947-20	+687851-21
+160666-21	+166093-22	+545156-25	+342208-28
+412079-20	+301701-20	+124103-20	+689396-21
+162097-21	+173243-22	+136353-24	+879598-28

ELEMENT	FUNCTION	PHI	
23	2	+100000+14	
+343139-19	+232912-19	+566418-20	+128305-20
+154853-21	+293858-23	+219104-26	+128511-29
+365898-19	+255608-19	+787893-20	+305592-20
+381919-21	+863624-23	+656210-26	+385220-29
+395869-19	+285509-19	+108063-19	+542787-20
+752501-21	+268293-22	+217470-25	+128042-28
+405421-19	+295045-19	+117460-19	+624285-20
+108286-20	+666718-22	+642046-25	+381019-28
+410348-19	+299971-19	+122375-19	+672386-20
+147474-20	+131062-21	+203510-24	+123470-27
+411923-19	+301545-19	+123947-19	+687851-20
+160666-20	+166093-21	+545156-24	+342208-27
+412079-19	+301701-19	+124103-19	+689396-20
+162097-20	+173243-21	+136353-23	+879598-27

ELEMENT	FUNCTION	PHI	
23	2	+300000+14	
+102942-18	+698737-19	+169925-19	+384916-20
+464559-21	+881574-23	+657313-26	+385533-29
+109769-18	+766824-19	+236368-19	+916777-20
+114576-20	+259087-22	+196863-25	+115566-28
+118761-18	+856526-19	+324190-19	+162836-19
+225750-20	+804879-22	+652410-25	+384125-28
+121626-18	+885135-19	+352380-19	+187286-19
+324858-20	+200015-21	+192614-24	+114306-27
+123104-18	+899912-19	+367125-19	+201716-19
+442421-20	+393186-21	+610530-24	+370410-27
+123577-18	+904635-19	+371840-19	+206355-19
+481997-20	+498280-21	+163547-23	+102662-26
+123624-18	+905103-19	+372308-19	+206819-19
+486291-20	+519730-21	+409060-23	+263879-26

ELEMENT	FUNCTION	PHI	
23	2	+100000+15	
+343139-18	+232912-18	+566418-19	+128305-19
+154853-20	+293858-22	+219104-25	+128511-28
+365898-18	+255608-18	+787893-19	+305592-19
+381919-20	+863624-22	+656210-25	+385220-28
+395869-18	+285509-18	+108063-18	+542787-19
+752501-20	+268293-21	+217470-24	+128042-27
+405421-18	+295045-18	+117460-18	+624285-19
+108286-19	+666718-21	+642046-24	+381019-27
+410348-18	+299971-18	+122375-18	+672386-19
+147474-19	+131062-20	+203510-23	+123470-26
+411923-18	+301545-18	+123947-18	+687851-19
+160666-19	+166093-20	+545156-23	+342208-26
+412079-18	+301701-18	+124103-18	+689396-19
+162097-19	+173243-20	+136353-22	+879598-26

ELEMENT	FUNCTION	PHI	
23	2	+300000+15	
+102942-17	+698737-18	+169925-18	+384916-19
+464559-20	+881574-22	+657313-25	+385533-28
+109769-17	+766824-18	+236368-18	+916777-19
+114576-19	+259087-21	+196863-24	+115566-27
+118761-17	+856526-18	+324190-18	+162836-18
+225750-19	+804880-21	+652410-24	+384125-27
+121626-17	+885135-18	+352380-18	+187286-18
+324858-19	+200015-20	+192614-23	+114306-26
+123104-17	+899912-18	+367125-18	+201716-18
+442421-19	+393186-20	+610529-23	+370410-26
+123577-17	+904635-18	+371840-18	+206355-18
+481997-19	+498280-20	+163547-22	+102662-25
+123624-17	+905103-18	+372308-18	+206819-18
+486291-19	+519730-20	+409060-22	+263879-25

ELEMENT	FUNCTION	PHI	
23	2	+100000+16	
+343139-17	+232912-17	+566418-18	+128305-18
+154853-19	+293858-21	+219104-24	+128511-27
+365898-17	+255608-17	+787893-18	+305592-18
+381919-19	+863624-21	+656210-24	+385220-27
+395869-17	+285509-17	+108063-17	+542787-18
+752501-19	+268293-20	+217470-23	+128042-26
+405421-17	+295045-17	+117460-17	+624285-18
+108286-18	+666718-20	+642046-23	+381019-26
+410348-17	+299971-17	+122375-17	+672386-18
+147474-18	+131062-19	+203510-22	+123470-25
+411923-17	+301545-17	+123947-17	+687851-18
+160666-18	+166093-19	+545156-22	+342208-25
+412079-17	+301701-17	+124103-17	+689396-18
+162097-18	+173243-19	+136353-21	+879598-25

TELLURIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
23	3	+100000+13

+445925-23	+395844-23	+132619-23	+184380-24
+244108-26	+828587-27	+133548-30	+837910-34
+477932-23	+427724-23	+163452-23	+427371-24
+621744-26	+242737-26	+400168-30	+251169-33
+520401-23	+470100-23	+204997-23	+769178-24
+136444-24	+746691-26	+132841-29	+834849-33
+539755-23	+489431-23	+224132-23	+942895-24
+234256-24	+179627-26	+393970-29	+248430-32
+555109-23	+504781-23	+239448-23	+109267-23
+354631-24	+319927-26	+126477-28	+805042-32
+558630-23	+508302-23	+242961-23	+112706-23
+382372-24	+366704-26	+345598-28	+223124-31
+558702-23	+508374-23	+243033-23	+112777-23
+383008-24	+369461-26	+878440-28	+573510-31

ELEMENT	FUNCTION	PHI
23	3	+100000+14

+445925-22	+395844-22	+132619-22	+184380-23
+244108-24	+828587-26	+133548-29	+837910-33
+477932-22	+427724-22	+163452-22	+427371-23
+621744-24	+242737-26	+400168-29	+251169-32
+520401-22	+470100-22	+204997-22	+769178-23
+136444-23	+746690-26	+132841-28	+834849-32
+539755-22	+489431-22	+224132-22	+942895-23
+234266-23	+179627-24	+393970-28	+248430-31
+555109-22	+504781-22	+239448-22	+109267-22
+354631-23	+319927-24	+126477-27	+805042-31
+558630-22	+508302-22	+242961-22	+112706-22
+382372-23	+366704-24	+345598-27	+223124-30
+558702-22	+508374-22	+243033-22	+112777-22
+383008-23	+369461-24	+878440-27	+573510-30

ELEMENT	FUNCTION	PHI
23	3	+300000+14

+133777-21	+118753-21	+397856-22	+553140-23
+732323-24	+248576-26	+400643-29	+251373-32
+143380-21	+128317-21	+490355-22	+128211-22
+186523-23	+728211-25	+120050-28	+753506-32
+156120-21	+141030-21	+614991-22	+230754-22
+409333-23	+223707-24	+398624-28	+250455-31
+161926-21	+146829-21	+672397-22	+282868-22
+702767-23	+638581-24	+118191-27	+745289-31
+166533-21	+151434-21	+718344-22	+327801-22
+106359-22	+959780-24	+379430-27	+241513-30
+167589-21	+152490-21	+728882-22	+338119-22
+114712-22	+107011-23	+103679-26	+669373-30
+167611-21	+152512-21	+729099-22	+338332-22
+114902-22	+107835-23	+263532-26	+172053-29

ELEMENT	FUNCTION	PHI
23	3	+100000+15

+445925-21	+395844-21	+132619-21	+184380-22
+244108-23	+828587-25	+133548-28	+837910-32
+477932-21	+427724-21	+163452-21	+427371-22
+621744-23	+242737-24	+400168-28	+251169-31
+520401-21	+470100-21	+204997-21	+769178-22
+136444-22	+746691-24	+132841-27	+834849-31
+539755-21	+489431-21	+224132-21	+942895-22
+234256-22	+179627-23	+393970-27	+248430-30
+555109-21	+504781-21	+239448-21	+109267-21
+354631-22	+319927-23	+126477-26	+805042-30
+558630-21	+508301-21	+242961-21	+112706-21
+382372-22	+366704-23	+345598-26	+223124-29
+558702-21	+508374-21	+243033-21	+112777-21
+383008-22	+369451-23	+878440-26	+573510-29

ELEMENT	FUNCTION	PHI
23	3	+300000+15

+133777-20	+118753-20	+397856-21	+553140-22
+732323-23	+248576-24	+400643-28	+251373-31
+143380-20	+128317-20	+490355-21	+128211-21
+186523-22	+728211-24	+120050-27	+753506-31
+156120-20	+141030-20	+614991-21	+230754-21
+409333-22	+223707-23	+398624-27	+250455-30
+161926-20	+146829-20	+672397-21	+282868-21
+702767-22	+638581-23	+118191-26	+745289-30
+166533-20	+151434-20	+718344-21	+327801-21
+106359-21	+959780-23	+379430-26	+241513-29
+167589-20	+152490-20	+728882-21	+338119-21
+114712-21	+107011-22	+103679-25	+669373-29
+167611-20	+152512-20	+729099-21	+338332-21
+114902-21	+107835-22	+263532-25	+172053-28

ELEMENT	FUNCTION	PHI
23	3	+100000+16

+445925-20	+395844-20	+132619-20	+184380-21
+244108-22	+828587-24	+133548-27	+837910-31
+477932-20	+427724-20	+163452-20	+427371-21
+621744-22	+242737-23	+400168-27	+251169-30
+520401-20	+470100-20	+204997-20	+769178-21
+136444-21	+746691-23	+132841-26	+834849-30
+539755-20	+489431-20	+224132-20	+942895-21
+234256-21	+179627-22	+393970-26	+248430-29
+555109-20	+504781-20	+239448-20	+109267-20
+354631-21	+319927-22	+126477-25	+805042-29
+558630-20	+508302-20	+242961-20	+112706-20
+382372-21	+366704-22	+345598-25	+223124-28
+558702-20	+508374-20	+243033-20	+112777-20
+383008-21	+369461-22	+878440-25	+573510-28

TELLURIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
23	4	+100000+13

+221202-22	+118963-22	+247403-23	+253912-24
+346168-25	+127774-26	+149846-30	+837910-34
+225600-22	+123343-22	+289714-23	+587347-24
+886277-25	+374481-26	+448634-30	+251169-33
+231487-22	+129217-22	+347326-23	+106316-23
+197303-24	+115217-25	+148510-29	+834849-33
+234318-22	+132045-22	+375332-23	+131859-23
+344738-24	+278612-25	+437120-29	+248430-32
+236654-22	+134380-22	+398627-23	+154645-23
+528151-24	+503677-25	+137354-28	+805042-32
+237216-22	+134942-22	+404234-23	+160139-23
+573016-24	+572973-25	+362841-28	+223124-31
+237233-22	+134959-22	+404408-23	+160311-23
+574568-24	+579516-25	+896997-28	+573510-31

ELEMENT	FUNCTION	PHI
23	4	+100000+14

+221202-21	+118963-21	+247403-22	+253912-23
+346168-24	+127774-25	+149846-29	+837910-33
+225600-21	+123343-21	+289714-22	+587347-23
+886277-24	+374481-25	+448634-29	+251169-32
+231487-21	+129217-21	+347326-22	+106316-22
+197303-23	+115217-24	+148510-28	+834849-32
+234318-21	+132045-21	+375332-22	+131859-22
+344738-23	+278612-24	+437120-28	+248430-31
+236654-21	+134380-21	+398627-22	+154645-22
+528151-23	+503677-24	+137354-27	+805042-31
+237216-21	+134942-21	+404234-22	+160139-22
+573016-23	+572973-24	+362841-27	+223124-30
+237233-21	+134959-21	+404408-22	+160311-22
+574568-23	+579516-24	+896997-27	+573510-30

ELEMENT	FUNCTION	PHI
23	4	+300000+14

+663605-21	+356889-21	+742208-22	+761736-23
+103850-23	+383323-25	+449537-29	+251373-32
+676801-21	+370030-21	+869142-22	+176204-22
+265883-23	+112344-24	+134590-28	+753506-32
+694462-21	+387652-21	+104198-21	+318948-22
+591908-23	+345651-24	+445531-28	+250455-31
+702955-21	+396136-21	+112600-21	+395577-22
+103421-22	+835837-24	+131136-27	+745289-31
+709961-21	+403140-21	+119588-21	+463935-22
+158445-22	+151103-23	+412062-27	+241513-30
+711647-21	+404826-21	+121270-21	+480417-22
+171905-22	+171892-23	+108852-26	+669373-30
+711699-21	+404878-21	+121322-21	+480933-22
+172371-22	+173855-23	+269099-26	+172053-29

ELEMENT	FUNCTION	PHI
23	4	+100000+15

+221202-20	+118963-20	+247403-21	+253912-22
+346168-23	+127774-24	+149846-28	+837910-32
+225600-20	+123343-20	+289714-21	+587347-22
+886277-23	+374481-24	+448634-28	+251169-31
+231487-20	+129217-20	+347326-21	+106316-21
+197303-22	+115217-23	+148510-27	+834849-31
+234318-20	+132045-20	+375332-21	+131859-21
+344738-22	+278612-23	+437120-27	+248430-30
+236654-20	+134380-20	+398627-21	+154645-21
+528151-22	+503677-23	+137354-26	+805042-30
+237216-20	+134942-20	+404234-21	+160139-21
+573016-22	+572973-23	+362841-26	+223124-29
+237233-20	+134959-20	+404408-21	+160311-21
+574568-22	+579516-23	+896997-26	+573510-29

ELEMENT	FUNCTION	PHI
23	4	+300000+15

+663605-20	+356889-20	+742208-21	+761736-22
+103850-22	+383323-24	+449537-28	+251373-31
+676801-20	+370030-20	+869142-21	+176204-21
+265883-22	+112344-23	+134590-27	+753506-31
+694462-20	+387652-20	+104198-20	+318948-21
+591908-22	+345651-23	+445531-27	+250455-30
+702955-20	+396136-20	+112600-20	+395577-21
+103421-21	+835837-23	+131136-26	+745289-30
+709961-20	+403140-20	+119588-20	+463935-21
+158445-21	+151103-22	+412062-26	+241513-29
+711647-20	+404826-20	+121270-20	+480417-21
+171905-21	+171892-22	+108852-25	+669373-29
+711699-20	+404878-20	+121322-20	+480933-21
+172371-21	+173855-22	+269099-25	+172053-28

ELEMENT	FUNCTION	PHI
23	4	+100000+16

+221202-19	+118963-19	+247403-20	+253912-21
+346168-22	+127774-23	+149846-27	+837910-31
+225600-19	+123343-19	+289714-20	+587347-21
+886277-22	+374481-23	+448634-27	+251169-30
+231487-19	+129217-19	+347326-20	+106316-20
+197303-21	+115217-22	+148510-26	+834849-30
+234318-19	+132045-19	+375332-20	+131859-20
+344738-21	+278612-22	+437120-26	+248430-29
+236654-19	+134380-19	+398627-20	+154645-20
+528151-21	+503677-22	+137354-25	+805042-29
+237216-19	+134942-19	+404234-20	+160139-20
+573016-21	+572973-22	+362841-25	+223124-28
+237233-19	+134959-19	+404408-20	+160311-20
+574568-21	+579516-22	+896997-25	+573510-28

TELLURIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
23	5	+100000+13

+423084-30	+426197-30	+432686-30	+447114-30
+449550-30	+450783-30	+460484-30	+469504-30
+131942-29	+132259-29	+132954-29	+134581-29
+134868-29	+135239-29	+138147-29	+140851-29
+446604-29	+446921-29	+447617-29	+449251-29
+449594-29	+450849-29	+460517-29	+469504-29
+134591-28	+134622-28	+134692-28	+134858-28
+134914-28	+135298-28	+138177-28	+140851-28
+449778-28	+449810-28	+449881-28	+450055-28
+450203-28	+451496-28	+460838-28	+469504-28
+135416-27	+135419-27	+135426-27	+135446-27
+135486-27	+135856-27	+138469-27	+140851-27
+455553-27	+455556-27	+455564-27	+455590-27
+455692-27	+456659-27	+463330-27	+469504-27

ELEMENT	FUNCTION	PHI
23	5	+100000+14

+423084-29	+426197-29	+432686-29	+447114-29
+449550-29	+450783-29	+460484-29	+469504-29
+131942-28	+132259-28	+132954-28	+134581-28
+134868-28	+135239-28	+138147-28	+140851-28
+446604-28	+446921-28	+447616-28	+449250-28
+449593-28	+450848-28	+460516-28	+469504-28
+134590-27	+134622-27	+134692-27	+134857-27
+134914-27	+135298-27	+138177-27	+140851-27
+449777-27	+449808-27	+449879-27	+450054-27
+450201-27	+451494-27	+460836-27	+469503-27
+135414-26	+135418-26	+135425-26	+135445-26
+135486-26	+135855-26	+138468-26	+140850-26
+455538-26	+455541-26	+455549-26	+455576-26
+455678-26	+456646-26	+463316-26	+469490-26

ELEMENT	FUNCTION	PHI
23	5	+300000+14

+126925-28	+127859-28	+129806-28	+134134-28
+134865-28	+135235-28	+138145-28	+140851-28
+395826-28	+396776-28	+398861-28	+403742-28
+404603-28	+405718-28	+414442-28	+422553-28
+133981-27	+134076-27	+134285-27	+134775-27
+134878-27	+135264-27	+138155-27	+140851-27
+403769-27	+403865-27	+404074-27	+404570-27
+404741-27	+405893-27	+414629-27	+422652-27
+134932-26	+134941-26	+134963-26	+135015-26
+135059-26	+135447-26	+138250-26	+140850-26
+406235-26	+406244-26	+406266-26	+406326-26
+406446-26	+407566-26	+415336-26	+422642-26
+136651-25	+136652-25	+136655-25	+136663-25
+136694-25	+136984-25	+138985-25	+140837-25

ELEMENT	FUNCTION	PHI
23	5	+100000+15

+423084-28	+426196-28	+432686-28	+447113-28
+449550-28	+450783-28	+460483-28	+469504-28
+131941-27	+132258-27	+132953-27	+134580-27
+134867-27	+135239-27	+138147-27	+140851-27
+446599-27	+446916-27	+447612-27	+449246-27
+449591-27	+450846-27	+460514-27	+469501-27
+134588-26	+134620-26	+134689-26	+134855-26
+134912-26	+135296-26	+138175-26	+140850-26
+449759-26	+449791-26	+449861-26	+450037-26
+450187-26	+451480-26	+460822-26	+469488-26
+135401-25	+135404-25	+135411-25	+135432-25
+135472-25	+135842-25	+138436-25	+140838-25
+455378-25	+455381-25	+455389-25	+455416-25
+455521-25	+456488-25	+463159-25	+469334-25

ELEMENT	FUNCTION	PHI
23	5	+300000+15

+126925-27	+127859-27	+129805-27	+134134-27
+134865-27	+135234-27	+138145-27	+140851-27
+395821-27	+396772-27	+398856-27	+403738-27
+404599-27	+405714-27	+414438-27	+422550-27
+133977-26	+134072-26	+134281-26	+134771-26
+134876-26	+135252-26	+138153-26	+140849-26
+403747-26	+403842-26	+404052-26	+404550-26
+404727-26	+405879-26	+414515-26	+422538-26
+134915-25	+134925-25	+134946-25	+134999-25
+135046-25	+135434-25	+138237-25	+140837-25
+406104-25	+406114-25	+406136-25	+406198-25
+406325-25	+407436-25	+415216-25	+422422-25
+136480-24	+136481-24	+136484-24	+136492-24
+136526-24	+136816-24	+138817-24	+140669-24

ELEMENT	FUNCTION	PHI
23	5	+100000+16

+423078-27	+426191-27	+432680-27	+447108-27
+449545-27	+450778-27	+460478-27	+469499-27
+131936-26	+132253-26	+132948-26	+134576-26
+134864-26	+135236-26	+138143-26	+140847-26
+446553-26	+446870-26	+447567-26	+449206-26
+449565-26	+450821-26	+460489-26	+469477-26
+134562-25	+134594-25	+134664-25	+134832-25
+134896-25	+135281-25	+138169-25	+140834-25
+449567-25	+449599-25	+449671-25	+449854-25
+450029-25	+451324-25	+460666-25	+469333-25
+135229-24	+135232-24	+135240-24	+135262-24
+135310-24	+135681-24	+138274-24	+140676-24
+452579-24	+452583-24	+452591-24	+452625-24
+452749-24	+453718-24	+460389-24	+466563-24

TELLURIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
23	6	+100000+13

+250379-10	+233524-10	+933446-11	+445492-11
+503240-12	+543665-14	+766453-17	+475491-20
+329643-10	+312586-10	+170628-10	+106394-10
+122225-11	+159753-13	+229644-16	+142531-19
+432296-10	+414990-10	+270815-10	+186949-10
+228363-11	+496324-13	+762113-16	+473754-19
+459581-10	+442222-10	+297572-10	+209486-10
+296986-11	+123367-12	+225846-15	+140977-18
+468748-10	+451386-10	+306715-10	+218423-10
+369484-11	+242758-12	+723466-15	+456839-18
+471670-10	+454307-10	+309631-10	+221293-10
+393979-11	+308689-12	+197028-14	+126617-17
+471991-10	+454629-10	+309953-10	+221612-10
+396960-11	+325035-12	+499470-14	+325451-17

ELEMENT	FUNCTION	PHI
23	6	+100000+14

+250379-09	+233524-09	+933446-10	+445492-10
+503240-11	+543665-13	+766453-16	+475491-19
+329643-09	+312586-09	+170628-09	+106394-09
+122225-10	+159753-12	+229644-15	+142531-18
+432296-09	+414990-09	+270815-09	+186949-09
+228363-10	+496324-12	+762113-15	+473754-18
+459581-09	+442222-09	+297572-09	+209486-09
+296986-10	+123367-11	+225846-14	+140977-17
+468748-09	+451386-09	+306715-09	+218423-09
+369484-10	+242758-11	+723466-14	+456839-17
+471670-09	+454307-09	+309631-09	+221293-09
+393979-10	+308689-11	+197028-13	+126617-16
+471991-09	+454629-09	+309953-09	+221612-09
+396960-10	+325035-11	+499470-13	+325451-16

ELEMENT	FUNCTION	PHI
23	6	+300000+14

+751138-09	+700573-09	+280034-09	+133648-09
+150972-10	+163070-12	+229936-15	+142647-18
+988929-09	+937759-09	+511883-09	+319182-09
+366676-10	+479258-12	+688932-15	+427594-18
+129689-08	+124497-08	+812445-09	+560847-09
+685089-10	+148897-11	+228634-14	+142126-17
+137874-08	+132666-08	+892715-09	+628457-09
+890959-10	+370102-11	+677538-14	+422931-17
+140624-08	+135416-08	+920145-09	+655269-09
+110845-09	+728274-11	+217040-13	+137052-16
+141501-08	+136292-08	+928893-09	+663878-09
+118194-09	+926066-11	+591084-13	+379851-16
+141597-08	+136389-08	+929858-09	+664836-09
+119088-09	+975104-11	+149841-12	+976354-16

ELEMENT	FUNCTION	PHI
23	6	+100000+15

+250379-08	+233524-08	+933446-09	+445492-09
+503240-10	+543665-12	+766453-15	+475491-18
+329643-08	+312586-08	+170628-08	+106394-08
+122225-09	+159753-11	+229644-14	+142531-17
+432296-08	+414990-08	+270815-08	+186949-08
+228363-09	+496324-11	+762113-14	+473754-17
+459581-08	+442222-08	+297572-08	+209486-08
+296986-09	+123367-10	+225846-13	+140977-16
+468748-08	+451386-08	+306715-08	+218423-08
+369484-09	+242758-10	+723466-13	+456839-16
+471669-08	+454307-08	+309631-08	+221293-08
+393979-09	+308689-10	+197028-12	+126617-15
+471991-08	+454629-08	+309953-08	+221612-08
+396960-09	+325035-10	+499470-12	+325451-15

ELEMENT	FUNCTION	PHI
23	6	+300000+15

+751138-08	+700573-08	+280034-08	+133648-08
+150972-09	+163070-11	+229936-14	+142647-17
+988929-08	+937759-08	+511883-08	+319182-08
+366676-09	+479258-11	+688932-14	+427594-17
+129689-07	+124497-07	+812445-08	+560847-08
+685090-09	+148897-10	+228634-13	+142126-16
+137874-07	+132666-07	+892715-08	+628457-08
+890959-09	+370102-10	+677538-13	+422931-16
+140624-07	+135416-07	+920145-08	+655269-08
+110845-08	+728274-10	+217040-12	+137052-15
+141501-07	+136292-07	+928893-08	+663878-08
+118194-08	+926066-10	+591084-12	+379851-15
+141597-07	+136389-07	+929858-08	+664836-08
+119088-08	+975104-10	+149841-11	+976353-15

ELEMENT	FUNCTION	PHI
23	6	+100000+16

+250379-07	+233524-07	+933446-08	+445492-08
+503240-09	+543665-11	+766453-14	+475491-17
+329643-07	+312586-07	+170628-07	+106394-07
+122225-08	+159753-10	+229644-13	+142531-16
+432296-07	+414990-07	+270815-07	+186949-07
+228363-08	+496324-10	+762113-13	+473754-16
+459581-07	+442222-07	+297572-07	+209486-07
+296986-08	+123367-09	+225846-12	+140977-15
+468748-07	+451386-07	+306715-07	+218423-07
+369484-08	+242758-09	+723466-12	+456839-15
+471670-07	+454307-07	+309631-07	+221293-07
+393979-08	+308689-09	+197028-11	+126617-14
+471991-07	+454629-07	+309953-07	+221612-07
+396960-08	+325035-09	+499470-11	+325451-14

TELLURIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI	
23	7	+100000+13	
+499505-10	+433734-10	+128261-10	+232756-12
+747917-13	+839560-14	+266705-23	+000000+00
+502759-10	+436928-10	+131012-10	+414110-12
+219032-12	+245870-13	+781061-23	+000000+00
+508536-10	+442703-10	+136774-10	+977910-12
+672080-12	+754430-13	+239662-22	+000000+00
+520528-10	+454692-10	+148737-10	+214829-11
+161256-11	+181014-12	+675034-22	+000000+00
+536193-10	+470353-10	+164364-10	+367720-11
+284113-11	+318926-12	+101314-21	+000000+00
+539663-10	+473823-10	+167826-10	+401587-11
+311327-11	+349474-12	+111018-21	+000000+00
+539690-10	+473850-10	+167853-10	+401851-11
+311540-11	+349713-12	+111094-21	+000000+00

ELEMENT	FUNCTION	PHI	
23	7	+100000+14	
+499505-09	+433734-09	+128261-09	+232756-11
+747917-12	+839560-13	+266705-22	+000000+00
+502759-09	+436928-09	+131012-09	+414110-11
+219032-11	+245870-12	+781061-22	+000000+00
+508536-09	+442703-09	+136774-09	+977910-11
+672080-11	+754430-12	+239662-21	+000000+00
+520528-09	+454692-09	+148737-09	+214829-10
+161256-10	+181014-11	+675033-21	+000000+00
+536193-09	+470353-09	+164364-09	+367720-10
+284113-10	+318926-11	+101314-20	+000000+00
+539663-09	+473823-09	+167826-09	+401587-10
+311327-10	+349474-11	+111018-20	+000000+00
+539690-09	+473850-09	+167853-09	+401851-10
+311540-10	+349713-11	+111094-20	+000000+00

ELEMENT	FUNCTION	PHI	
23	7	+300000+14	
+149851-08	+130120-08	+384783-09	+698269-11
+224376-11	+251868-12	+800116-22	+000000+00
+150828-08	+131078-08	+393035-09	+124233-10
+657095-11	+737609-12	+234318-21	+000000+00
+152561-08	+132811-08	+410323-09	+293373-10
+201624-10	+226329-11	+718986-21	+000000+00
+156158-08	+136408-08	+446211-09	+644488-10
+483767-10	+543043-11	+172510-20	+000000+00
+160858-08	+141106-08	+493092-09	+110316-09
+852338-10	+956775-11	+303941-20	+000000+00
+161899-08	+142147-08	+503477-09	+120476-09
+933981-10	+1048842-10	+333065-20	+000000+00
+161907-08	+142155-08	+503558-09	+120555-09
+934619-10	+1049114-10	+333283-20	+000000+00

ELEMENT	FUNCTION	PHI	
23	7	+100000+15	
+499505-08	+433734-08	+128261-08	+232756-10
+747917-11	+839560-12	+266705-21	+000000+00
+502759-08	+436928-08	+131012-08	+414110-10
+219032-10	+245870-11	+781061-21	+000000+00
+508536-08	+442703-08	+136774-08	+977910-10
+672080-10	+754430-11	+239662-20	+000000+00
+520528-08	+454692-08	+148737-08	+214829-09
+161256-09	+181014-10	+675033-20	+000000+00
+536193-08	+470353-08	+164364-08	+367720-09
+284113-09	+318926-10	+101314-19	+000000+00
+539663-08	+473823-08	+167826-08	+401587-09
+311327-09	+349474-10	+111018-19	+000000+00
+539690-08	+473850-08	+167853-08	+401851-09
+311540-09	+349713-10	+111094-19	+000000+00

ELEMENT	FUNCTION	PHI	
23	7	+300000+15	
+149851-07	+130120-07	+384783-08	+698269-10
+224376-10	+251868-11	+800116-21	+000000+00
+150828-07	+131078-07	+393035-08	+124233-09
+657095-10	+737609-11	+234318-20	+000000+00
+152561-07	+132811-07	+410323-08	+293373-09
+201624-09	+226329-10	+718986-20	+000000+00
+156158-07	+136408-07	+446211-08	+644488-09
+483767-09	+543043-10	+172510-19	+000000+00
+160858-07	+141106-07	+493092-08	+110316-08
+852338-09	+956775-10	+303941-19	+000000+00
+161899-07	+142147-07	+503477-08	+120476-08
+933981-09	+1048842-09	+333065-19	+000000+00
+161907-07	+142155-07	+503558-08	+120555-08
+934619-09	+1049114-09	+333283-19	+000000+00

ELEMENT	FUNCTION	PHI	
23	7	+100000+16	
+499505-07	+433734-07	+128261-07	+232756-09
+747917-10	+839560-11	+266705-20	+000000+00
+502759-07	+436928-07	+131012-07	+414110-09
+219032-09	+245870-10	+781061-20	+000000+00
+508536-07	+442703-07	+136774-07	+977910-09
+672080-09	+754430-10	+239662-19	+000000+00
+520528-07	+454692-07	+148737-07	+214829-08
+161256-08	+181014-09	+675034-19	+000000+00
+536193-07	+470353-07	+164364-07	+367720-08
+284113-08	+318926-09	+101314-18	+000000+00
+539663-07	+473823-07	+167826-07	+401587-08
+311327-08	+349474-09	+111018-18	+000000+00
+539690-07	+473850-07	+167853-07	+401851-08
+311540-08	+349713-09	+111094-18	+000000+00

TELLURIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
23	8	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
23	8	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
23	8	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
23	8	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
23	8	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
23	8	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

TELLURIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
23	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
23	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
23	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
23	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
23	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
23	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

IODINE

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
24	1	+100000+13	
+554622-05	+553588-05	+516397-05	+300725-05
+112694-05	+693750-06	+724995-06	+725000-06
+107564-04	+107285-04	+102062-04	+704910-05
+323217-05	+208283-05	+217498-05	+217500-05
+208881-04	+208520-04	+202566-04	+164690-04
+948390-05	+696017-05	+724993-05	+724998-05
+377149-04	+376740-04	+370370-04	+328545-04
+235172-04	+210061-04	+217496-04	+217498-04
+847246-04	+846838-04	+840473-04	+798729-04
+708003-04	+709039-04	+724967-04	+724971-04
+227659-03	+227618-03	+226984-03	+222836-03
+214000-03	+215265-03	+217470-03	+217470-03
+734558-03	+734517-03	+733884-03	+729737-03
+720923-03	+722330-03	+724648-03	+724648-03

ELEMENT	FUNCTION	PHI	
24	1	+100000+14	
+554593-04	+553558-04	+516363-04	+300630-04
+112680-04	+693749-05	+724994-05	+724999-05
+107535-03	+107256-03	+102031-03	+704616-04
+323096-04	+208282-04	+217497-04	+217498-04
+208649-03	+208287-03	+202332-03	+164472-03
+947491-04	+695997-04	+724973-04	+724978-04
+376413-03	+376004-03	+369635-03	+327867-03
+234883-03	+210040-03	+217476-03	+217477-03
+846087-03	+845679-03	+839317-03	+797642-03
+707403-03	+708774-03	+724702-03	+724706-03
+227303-02	+227262-02	+226628-02	+222486-02
+213699-02	+214998-02	+217202-02	+217203-02
+731315-02	+731275-02	+730641-02	+726499-02
+717733-02	+719173-02	+721491-02	+721492-02

ELEMENT	FUNCTION	PHI	
24	1	+300000+14	
+166359-03	+166048-03	+154387-03	+901843-04
+337947-04	+208124-04	+217497-04	+217499-04
+322407-03	+321568-03	+305889-03	+211189-03
+968484-04	+624835-04	+652481-04	+652486-04
+624403-03	+623315-03	+605443-03	+491976-03
+283651-03	+208786-03	+217479-03	+217480-03
+112439-02	+112317-02	+110407-02	+979131-03
+702743-03	+629984-03	+652292-03	+652296-03
+253064-02	+252942-02	+251034-02	+238577-02
+211824-02	+212456-02	+217234-02	+217235-02
+679548-02	+679427-02	+677526-02	+665142-02
+639098-02	+643215-02	+649828-02	+649830-02
+217255-01	+217243-01	+217052-01	+215813-01
+213214-01	+213668-01	+214364-01	+214364-01

ELEMENT	FUNCTION	PHI	
24	1	+100000+15	
+554306-03	+553265-03	+516030-03	+300348-03
+112540-03	+693738-04	+724983-04	+724988-04
+107240-02	+106959-02	+101725-02	+701694-03
+321894-03	+208267-03	+217482-03	+217484-03
+206363-02	+205998-02	+200031-02	+162337-02
+938658-03	+695798-03	+724776-03	+724781-03
+369349-02	+368940-02	+362583-02	+321353-02
+232103-02	+209836-02	+217272-02	+217273-02
+835010-02	+834602-02	+828260-02	+787243-02
+701593-02	+706133-02	+722062-02	+722065-02
+223817-01	+223776-01	+223144-01	+219063-01
+210733-01	+212349-01	+214553-01	+214554-01
+699984-01	+699943-01	+699307-01	+695211-01
+686897-01	+688654-01	+690972-01	+690973-01

ELEMENT	FUNCTION	PHI	
24	1	+300000+15	
+166101-02	+165785-02	+154588-02	+898771-03
+336687-03	+208114-03	+217488-03	+217489-03
+319789-02	+318934-02	+303163-02	+208592-02
+957801-03	+624704-03	+652351-03	+652356-03
+604612-02	+603499-02	+585523-02	+473490-02
+276000-02	+208607-02	+217301-02	+217303-02
+106615-01	+106491-01	+104592-01	+925417-02
+679731-02	+628147-02	+650457-02	+650461-02
+243969-01	+243847-01	+241956-01	+230022-01
+206934-01	+210097-01	+214875-01	+214876-01
+649555-01	+649433-01	+647541-01	+635639-01
+613247-01	+619897-01	+626510-01	+626512-01
+191075+00	+191063+00	+190871+00	+189668+00
+187431+00	+188138+00	+188833+00	+188833+00

ELEMENT	FUNCTION	PHI	
24	1	+100000+16	
+551483-02	+550377-02	+512754-02	+296984-02
+111160-02	+693631-03	+724877-03	+724882-03
+104450-01	+104153-01	+988225-02	+674054-02
+310524-02	+208121-02	+217338-02	+217340-02
+187050-01	+186662-01	+180606-01	+144317-01
+863936-02	+693823-02	+722810-02	+722815-02
+320071-01	+319656-01	+313397-01	+275877-01
+212340-01	+207811-01	+215249-01	+215250-01
+756592-01	+756181-01	+749958-01	+712990-01
+656140-01	+680581-01	+696513-01	+696516-01
+194567+00	+194525+00	+193897+00	+190183+00
+184721+00	+188327+00	+190532+00	+190532+00
+471489+00	+471445+00	+470798+00	+466993+00
+461520+00	+465268+00	+467586+00	+467587+00

IODINE

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
24	2	+100000+13

+413641-20	+276420-20	+176249-20	+466446-21
+290090-22	+204904-26	+000000+00	+000000+00
+483811-20	+346053-20	+241357-20	+848603-21
+745758-22	+558248-26	+000000+00	+000000+00
+535313-20	+397405-20	+291406-20	+124558-20
+160284-21	+136279-25	+000000+00	+000000+00
+555714-20	+417777-20	+311514-20	+142278-20
+218886-21	+205153-25	+000000+00	+000000+00
+558054-20	+420114-20	+313829-20	+144389-20
+227404-21	+216009-25	+000000+00	+000000+00
+558059-20	+420119-20	+313834-20	+144391-20
+227412-21	+216019-25	+000000+00	+000000+00
+558071-20	+420131-20	+313844-20	+144394-20
+227412-21	+216019-25	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
24	2	+100000+14

+413660-19	+276437-19	+176257-19	+466437-20
+290053-21	+204856-25	+000000+00	+000000+00
+483864-19	+346100-19	+241376-19	+848525-20
+745437-21	+557837-25	+000000+00	+000000+00
+535404-19	+397484-19	+291413-19	+124501-19
+160048-20	+135976-24	+000000+00	+000000+00
+555756-19	+417800-19	+311428-19	+142102-19
+218163-20	+204228-24	+000000+00	+000000+00
+558069-19	+420110-19	+313709-19	+144170-19
+226500-20	+214852-24	+000000+00	+000000+00
+558106-19	+420146-19	+313741-19	+144180-19
+226507-20	+214862-24	+000000+00	+000000+00
+558225-19	+420264-19	+313844-19	+144206-19
+226507-20	+214862-24	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
24	2	+300000+14

+124110-18	+829426-19	+528823-19	+139925-19
+869907-21	+614248-25	+000000+00	+000000+00
+145194-18	+103862-18	+724254-19	+254506-19
+223417-20	+167077-24	+000000+00	+000000+00
+160681-18	+119298-18	+874281-19	+373119-19
+478574-20	+405921-24	+000000+00	+000000+00
+166754-18	+125355-18	+933720-19	+425146-19
+649729-20	+606594-24	+000000+00	+000000+00
+167431-18	+126031-18	+940347-19	+431083-19
+673577-20	+636979-24	+000000+00	+000000+00
+167462-18	+126062-18	+940617-19	+431154-19
+673596-20	+637004-24	+000000+00	+000000+00
+167569-18	+126167-18	+941530-19	+431384-19
+673596-20	+637004-24	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
24	2	+100000+15

+413847-18	+276609-18	+176335-18	+466346-19
+289677-20	+204376-24	+000000+00	+000000+00
+484381-18	+346572-18	+241563-18	+847751-19
+742240-20	+553748-24	+000000+00	+000000+00
+536287-18	+398252-18	+291474-18	+123934-18
+157723-19	+133002-23	+000000+00	+000000+00
+556138-18	+418013-18	+310601-18	+140414-18
+211231-19	+195359-23	+000000+00	+000000+00
+558223-18	+420086-18	+312590-18	+142113-18
+217968-19	+203938-23	+000000+00	+000000+00
+558561-18	+420419-18	+312880-18	+142188-18
+217973-19	+203943-23	+000000+00	+000000+00
+559685-18	+421526-18	+313845-18	+142431-18
+217973-19	+203943-23	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
24	2	+300000+15

+124278-17	+830961-18	+529525-18	+139844-18
+866542-20	+609942-24	+000000+00	+000000+00
+145651-17	+104278-17	+725901-18	+253818-18
+220576-19	+163443-23	+000000+00	+000000+00
+161427-17	+119945-17	+874728-18	+368221-18
+458456-19	+380184-23	+000000+00	+000000+00
+167045-17	+125509-17	+926832-18	+411269-18
+592722-19	+533663-23	+000000+00	+000000+00
+167567-17	+126025-17	+931522-18	+414683-18
+605435-19	+549803-23	+000000+00	+000000+00
+167858-17	+126311-17	+934018-18	+415313-18
+605438-19	+549807-23	+000000+00	+000000+00
+168737-17	+127177-17	+941559-18	+417216-18
+605438-19	+549807-23	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
24	2	+100000+16

+415667-17	+278281-17	+177099-17	+465459-18
+285991-19	+199660-23	+000000+00	+000000+00
+489148-17	+350910-17	+243270-17	+840432-18
+712021-19	+515087-23	+000000+00	+000000+00
+542989-17	+404043-17	+291664-17	+119169-17
+138138-18	+107946-22	+000000+00	+000000+00
+558123-17	+418889-17	+304670-17	+128811-17
+163476-18	+134265-22	+000000+00	+000000+00
+559672-17	+420410-17	+305976-17	+129301-17
+164390-18	+135393-22	+000000+00	+000000+00
+562448-17	+423144-17	+308358-17	+129902-17
+164390-18	+135393-22	+000000+00	+000000+00
+568506-17	+429110-17	+313557-17	+131214-17
+164390-18	+135393-22	+000000+00	+000000+00

IODINE

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
24	3	+100000+13	
+206042-22	+200262-22	+122719-22	+283300-23
+189907-24	+473677-29	+000000+00	+000000+00
+250094-22	+244005-22	+163889-22	+549249-23
+465375-24	+129050-28	+000000+00	+000000+00
+289083-22	+282887-22	+201824-22	+849226-23
+880153-24	+315036-28	+000000+00	+000000+00
+299322-22	+293105-22	+211854-22	+933133-23
+106088-23	+474251-28	+000000+00	+000000+00
+299903-22	+293685-22	+212428-22	+938306-23
+108088-23	+499345-28	+000000+00	+000000+00
+299908-22	+293690-22	+212432-22	+938320-23
+108089-23	+499368-28	+000000+00	+000000+00
+299923-22	+293705-22	+212445-22	+938353-23
+108089-23	+499368-28	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
24	3	+100000+14	
+206065-21	+200284-21	+122729-21	+283298-22
+189898-23	+473565-28	+000000+00	+000000+00
+250164-21	+244070-21	+163920-21	+549232-22
+465301-23	+128955-27	+000000+00	+000000+00
+289251-21	+283041-21	+201892-21	+849097-22
+879606-23	+314336-27	+000000+00	+000000+00
+299557-21	+293319-21	+211938-21	+932737-22
+105921-22	+472113-27	+000000+00	+000000+00
+300155-21	+293914-21	+212518-21	+937837-22
+107879-22	+496672-27	+000000+00	+000000+00
+300199-21	+293958-21	+212556-21	+937936-22
+107880-22	+496694-27	+000000+00	+000000+00
+300352-21	+294108-21	+212687-21	+938267-22
+107880-22	+496694-27	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
24	3	+300000+14	
+618348-21	+600993-21	+368256-21	+849882-22
+569637-23	+141995-27	+000000+00	+000000+00
+750956-21	+732637-21	+491962-21	+164758-21
+139541-22	+386232-27	+000000+00	+000000+00
+868866-21	+850144-21	+606126-21	+254643-21
+263519-22	+938365-27	+000000+00	+000000+00
+900216-21	+881361-21	+636360-21	+279560-21
+316662-22	+140226-26	+000000+00	+000000+00
+902119-21	+883249-21	+638148-21	+281044-21
+322267-22	+147250-26	+000000+00	+000000+00
+902513-21	+883638-21	+638487-21	+281131-21
+322271-22	+147256-26	+000000+00	+000000+00
+903868-21	+884972-21	+639649-21	+281424-21
+322271-22	+147256-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
24	3	+100000+15	
+206295-20	+200496-20	+122831-20	+283279-21
+189811-22	+472455-27	+000000+00	+000000+00
+250857-20	+244709-20	+164222-20	+549062-21
+464562-22	+128010-26	+000000+00	+000000+00
+290892-20	+284546-20	+202556-20	+847824-21
+874232-22	+307460-26	+000000+00	+000000+00
+301795-20	+295354-20	+212729-20	+928942-21
+104318-21	+451611-26	+000000+00	+000000+00
+302544-20	+296091-20	+213380-20	+933434-21
+105906-21	+471441-26	+000000+00	+000000+00
+302974-20	+296515-20	+213749-20	+934368-21
+105907-21	+471453-26	+000000+00	+000000+00
+304407-20	+297925-20	+214978-20	+937470-21
+105907-21	+471453-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
24	3	+300000+15	
+620407-20	+602892-20	+369170-20	+849709-21
+568859-22	+141000-26	+000000+00	+000000+00
+757090-20	+738288-20	+494632-20	+164607-20
+138884-21	+377831-26	+000000+00	+000000+00
+882859-20	+862972-20	+611785-20	+253543-20
+258868-21	+878869-26	+000000+00	+000000+00
+918352-20	+897860-20	+642770-20	+276449-20
+303484-21	+123366-25	+000000+00	+000000+00
+921374-20	+900803-20	+645182-20	+277566-20
+306515-21	+127098-25	+000000+00	+000000+00
+925079-20	+904452-20	+648362-20	+278368-20
+306515-21	+127099-25	+000000+00	+000000+00
+936279-20	+915482-20	+657972-20	+280794-20
+306515-21	+127099-25	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
24	3	+100000+16	
+208539-19	+202566-19	+1[illegible]7828-19	+283090-20
+188959-21	+461554-26	+000000+00	+000000+00
+257265-19	+250611-19	+167009-19	+547460-20
+457576-21	+119072-25	+000000+00	+000000+00
+303854-19	+296426-19	+207778-19	+837160-20
+828958-21	+249539-25	+000000+00	+000000+00
+316458-19	+308695-19	+217917-19	+903166-20
+932789-21	+310380-25	+000000+00	+000000+00
+318166-19	+310368-19	+219325-19	+907133-20
+935209-21	+312987-25	+000000+00	+000000+00
+321703-19	+313852-19	+222361-19	+914794-20
+935209-21	+312987-25	+000000+00	+000000+00
+329424-19	+321455-19	+228986-19	+931511-20
+935209-21	+312987-25	+000000+00	+000000+00

IODINE

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
24	4	+100000+13

+466577-22	+279699-22	+167562-22	+396752-23
+241681-24	+704441-29	+000000+00	+000000+00
+527611-22	+340294-22	+224487-22	+752758-23
+594852-24	+191920-28	+000000+00	+000000+00
+577514-22	+390053-22	+272979-22	+113333-22
+113970-23	+468514-28	+000000+00	+000000+00
+590908-22	+403420-22	+286109-22	+124385-22
+139343-23	+705297-28	+000000+00	+000000+00
+591758-22	+404269-22	+286948-22	+125144-22
+142307-23	+742615-28	+000000+00	+000000+00
+591764-22	+404275-22	+286953-22	+125146-22
+142310-23	+742650-28	+000000+00	+000000+00
+591781-22	+404292-22	+286968-22	+125150-22
+142310-23	+742650-28	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
24	4	+100000+14

+466605-21	+279725-21	+167574-21	+396749-22
+241668-23	+704276-28	+000000+00	+000000+00
+527696-21	+340372-21	+224523-21	+752732-22
+594741-23	+191779-27	+000000+00	+000000+00
+577715-21	+390237-21	+273058-21	+113314-21
+113889-22	+467473-27	+000000+00	+000000+00
+591182-21	+403668-21	+286198-21	+124325-21
+139095-22	+702116-27	+000000+00	+000000+00
+592049-21	+404532-21	+287042-21	+125073-21
+141996-22	+738640-27	+000000+00	+000000+00
+592099-21	+404581-21	+287085-21	+125089-21
+141999-22	+738673-27	+000000+00	+000000+00
+592271-21	+404751-21	+287233-21	+125121-21
+141999-22	+738673-27	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
24	4	+300000+14

+140000-20	+839347-21	+502806-21	+119023-21
+724917-23	+211173-27	+000000+00	+000000+00
+158365-20	+102164-20	+673814-21	+225802-21
+178349-22	+574396-27	+000000+00	+000000+00
+173448-20	+117193-20	+819697-21	+339812-21
+341127-22	+139552-26	+000000+00	+000000+00
+177535-20	+121264-20	+859178-21	+372585-21
+415647-22	+208541-26	+000000+00	+000000+00
+177805-20	+121532-20	+861742-21	+374752-21
+423952-22	+218987-26	+000000+00	+000000+00
+177850-20	+121576-20	+862124-21	+374849-21
+423959-22	+218996-26	+000000+00	+000000+00
+178002-20	+121726-20	+863433-21	+375180-21
+423959-22	+218996-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
24	4	+100000+15

+466885-20	+279983-20	+167698-20	+396720-21
+241539-22	+702624-27	+000000+00	+000000+00
+528537-20	+341146-20	+224886-20	+752475-21
+593642-22	+190373-26	+000000+00	+000000+00
+579677-20	+392033-20	+273829-20	+113123-20
+113090-21	+457249-26	+000000+00	+000000+00
+593790-20	+406030-20	+287044-20	+123756-20
+136711-21	+671626-26	+000000+00	+000000+00
+594802-20	+407026-20	+287936-20	+124403-20
+139063-21	+701117-26	+000000+00	+000000+00
+595286-20	+407503-20	+288352-20	+124508-20
+139065-21	+701135-26	+000000+00	+000000+00
+596899-20	+409091-20	+289736-20	+124857-20
+139065-21	+701135-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
24	4	+300000+15

+140251-19	+841658-20	+503915-20	+118997-20
+723760-22	+209692-26	+000000+00	+000000+00
+159108-19	+102848-19	+677020-20	+225575-20
+177372-21	+561902-26	+000000+00	+000000+00
+175119-19	+118723-19	+826254-20	+338162-20
+334211-21	+130703-25	+000000+00	+000000+00
+179647-19	+123176-19	+866013-20	+367915-20
+396049-21	+183468-25	+000000+00	+000000+00
+180024-19	+123544-19	+869054-20	+369442-20
+400526-21	+189017-25	+000000+00	+000000+00
+180441-19	+123954-19	+872633-20	+370345-20
+400527-21	+189018-25	+000000+00	+000000+00
+181701-19	+125196-19	+883451-20	+373074-20
+400527-21	+189018-25	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
24	4	+100000+16

+469616-19	+282502-19	+168907-19	+396433-20
+240271-21	+686413-26	+000000+00	+000000+00
+536299-19	+348291-19	+228233-19	+750055-20
+583253-21	+177082-25	+000000+00	+000000+00
+595144-19	+406181-19	+279859-19	+111522-19
+106357-20	+371109-25	+000000+00	+000000+00
+610825-19	+421453-19	+292536-19	+119877-19
+120294-20	+461590-25	+000000+00	+000000+00
+612788-19	+423375-19	+294152-19	+120345-19
+120644-20	+465467-25	+000000+00	+000000+00
+616770-19	+427297-19	+297569-19	+121207-19
+120644-20	+465467-25	+000000+00	+000000+00
+625460-19	+435855-19	+305026-19	+123089-19
+120644-20	+465467-25	+000000+00	+000000+00

IODINE

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
24	5	+100000+13

+906434-27	+915258-27	+942951-27	+879233-27
+362288-27	+703444-29	+726447-29	+726450-29
+258203-26	+258920-26	+260209-26	+239718-26
+988661-27	+211065-28	+217934-28	+217935-28
+641195-26	+641536-26	+639447-26	+586794-26
+242952-26	+704169-28	+726445-28	+726448-28
+977495-26	+977513-26	+972535-26	+892372-26
+375022-26	+212024-27	+217932-27	+217933-27
+107517-25	+107513-25	+106971-25	+985283-26
+441239-26	+713962-27	+726417-27	+726419-27
+121888-25	+121885-25	+121343-25	+112902-25
+585162-26	+216254-26	+217904-26	+217904-26
+172689-25	+172686-25	+172143-25	+163703-25
+109318-25	+724364-26	+726083-26	+726083-26

ELEMENT	FUNCTION	PHI
24	5	+100000+14

+906207-26	+915031-26	+942726-26	+879027-26
+362204-26	+703441-28	+726446-28	+726449-28
+258009-25	+258727-25	+260017-25	+239543-25
+987944-26	+211063-27	+217932-27	+217933-27
+639767-25	+640108-25	+638033-25	+585501-25
+242424-25	+704142-27	+726424-27	+726427-27
+973130-25	+973151-25	+968212-25	+888420-25
+373409-25	+212000-26	+217910-26	+217911-26
+106969-24	+106966-24	+106428-24	+980318-25
+439197-25	+713683-26	+726140-26	+726142-26
+121315-24	+121312-24	+120774-24	+112380-24
+582868-25	+215975-25	+217624-25	+217625-25
+171814-24	+171812-24	+171274-24	+162880-24
+108788-24	+721076-25	+722795-25	+722795-25

ELEMENT	FUNCTION	PHI
24	5	+300000+14

+271711-25	+274358-25	+282668-25	+263571-25
+108605-25	+211031-27	+217933-27	+217934-27
+772737-25	+774890-25	+778773-25	+717460-25
+295906-25	+633172-27	+653787-27	+653789-27
+190983-24	+191086-24	+190472-24	+174793-24
+723773-25	+211224-26	+217913-26	+217914-26
+289064-24	+289074-24	+287618-24	+263924-24
+110960-24	+635843-26	+653587-26	+653590-26
+317313-24	+317308-24	+315727-24	+290841-24
+130420-24	+213919-25	+217658-25	+217658-25
+360183-24	+360178-24	+358597-24	+333718-24
+173354-24	+646067-25	+651017-25	+651018-25
+509697-24	+509693-24	+508112-24	+483233-24
+322873-24	+214153-24	+214669-24	+214669-24

ELEMENT	FUNCTION	PHI
24	5	+100000+15

+903940-25	+912767-25	+940482-25	+876976-25
+361367-25	+703419-27	+726434-27	+726437-27
+256080-24	+256800-24	+258107-24	+237797-24
+980819-25	+211038-26	+217917-26	+217918-26
+625736-24	+626091-24	+624140-24	+572800-24
+237240-24	+703864-26	+726212-26	+726215-26
+931273-24	+931337-24	+926770-24	+850530-24
+357935-24	+211765-25	+217695-25	+217696-25
+101793-23	+101795-23	+101303-23	+933439-24
+419905-24	+710898-25	+723381-25	+723383-25
+115888-23	+115890-23	+115399-23	+107442-23
+561080-24	+213208-24	+214860-24	+214861-24
+163487-23	+163490-23	+162998-23	+155041-23
+103709-23	+689305-24	+691026-24	+691027-24

ELEMENT	FUNCTION	PHI
24	5	+300000+15

+269680-24	+272329-24	+280657-24	+261733-24
+107855-24	+211011-26	+217922-26	+217923-26
+755593-24	+757764-24	+761800-24	+701941-24
+289573-24	+632949-26	+653645-26	+653648-26
+178841-23	+178956-23	+178450-23	+163802-23
+678913-24	+210977-25	+217723-25	+217724-25
+254643-23	+254687-23	+253537-23	+232764-23
+982342-24	+633750-25	+651657-25	+651659-25
+275945-23	+275982-23	+274767-23	+253372-23
+114986-23	+211434-24	+215192-24	+215193-24
+316620-23	+316656-23	+315442-23	+294054-23
+155730-23	+621726-24	+626696-24	+626697-24
+442037-23	+442073-23	+440859-23	+419472-23
+281152-23	+187621-23	+188139-23	+188139-23

ELEMENT	FUNCTION	PHI
24	5	+100000+16

+881696-24	+890545-24	+918459-24	+856840-24
+353150-24	+703198-26	+726318-26	+726321-26
+237843-23	+238580-23	+240050-23	+221288-23
+913446-24	+210795-25	+217759-25	+217760-25
+507526-23	+507999-23	+507102-23	+465795-23
+193566-23	+701201-25	+724108-25	+724111-25
+642878-23	+643229-23	+641232-23	+589455-23
+251281-23	+209501-24	+215567-24	+215568-24
+691931-23	+692277-23	+690241-23	+638095-23
+297815-23	+684060-24	+696695-24	+696697-24
+810516-23	+810863-23	+808829-23	+756707-23
+416638-23	+188182-23	+189849-23	+189849-23
+108073-22	+108108-22	+107904-22	+102692-22
+686866-23	+458498-23	+460235-23	+460235-23

IODINE

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
24	6	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
24	6	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
24	6	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
24	6	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
24	6	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
24	6	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

IODINE

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
24	7	+100000+13

+477793-10	+473970-10	+385482-10	+210412-10
+166013-11	+737677-16	+000000+00	+000000+00
+818082-10	+812569-10	+709420-10	+428785-10
+415361-11	+200975-15	+000000+00	+000000+00
+113626-09	+112987-09	+101905-09	+674940-10
+832562-11	+490619-15	+000000+00	+000000+00
+123740-09	+123083-09	+111842-09	+760268-10
+106623-10	+738574-15	+000000+00	+000000+00
+124602-09	+123945-09	+112695-09	+768013-10
+109705-10	+777653-15	+000000+00	+000000+00
+124607-09	+123949-09	+112699-09	+768028-10
+109708-10	+777689-15	+000000+00	+000000+00
+124620-09	+123962-09	+112710-09	+768056-10
+109708-10	+777689-15	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
24	7	+100000+14

+477955-09	+474119-09	+385552-09	+210409-09
+166000-10	+737504-15	+000000+00	+000000+00
+818561-09	+813009-09	+709619-09	+428758-09
+415245-10	+200827-14	+000000+00	+000000+00
+113732-08	+113084-08	+101941-08	+674735-09
+831710-10	+489529-14	+000000+00	+000000+00
+123869-08	+123197-08	+111864-08	+759641-09
+106363-09	+735243-14	+000000+00	+000000+00
+124735-08	+124062-08	+112714-08	+767252-09
+109379-09	+773490-14	+000000+00	+000000+00
+124773-08	+124099-08	+112746-08	+767339-09
+109382-09	+773524-14	+000000+00	+000000+00
+124903-08	+124227-08	+112858-08	+767620-09
+109382-09	+773524-14	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
24	7	+300000+14

+143494-08	+142335-08	+115713-08	+631205-09
+497909-10	+221136-14	+000000+00	+000000+00
+245887-08	+244195-08	+213018-08	+128609-08
+124497-09	+601496-14	+000000+00	+000000+00
+341904-08	+339893-08	+306060-08	+202284-08
+248948-09	+146136-13	+000000+00	+000000+00
+372452-08	+370339-08	+335733-08	+227480-08
+317374-09	+218380-13	+000000+00	+000000+00
+375081-08	+372956-08	+338266-08	+229678-08
+326006-09	+229319-13	+000000+00	+000000+00
+375416-08	+373286-08	+338554-08	+229751-08
+326013-09	+229328-13	+000000+00	+000000+00
+376565-08	+374417-08	+339540-08	+230000-08
+326013-09	+229328-13	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
24	7	+100000+15

+479565-08	+475603-08	+386257-08	+210377-08
+165865-09	+735774-14	+000000+00	+000000+00
+823311-08	+817371-08	+711595-08	+428485-08
+414095-09	+199355-13	+000000+00	+000000+00
+114774-07	+114029-07	+102291-07	+672721-08
+823340-09	+478822-13	+000000+00	+000000+00
+125093-07	+124278-07	+112067-07	+753636-08
+103867-08	+703314-13	+000000+00	+000000+00
+126001-07	+125177-07	+112899-07	+760089-08
+106308-08	+734197-13	+000000+00	+000000+00
+126366-07	+125536-07	+113212-07	+760882-08
+106309-08	+734216-13	+000000+00	+000000+00
+127581-07	+126733-07	+114254-07	+763512-08
+106309-08	+734216-13	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
24	7	+300000+15

+144935-07	+143663-07	+116343-07	+630922-08
+496698-09	+219586-13	+000000+00	+000000+00
+250085-07	+248051-07	+214764-07	+128367-07
+123474-08	+588413-13	+000000+00	+000000+00
+350767-07	+347932-07	+309028-07	+200543-07
+241705-08	+136870-12	+000000+00	+000000+00
+382338-07	+379067-07	+337335-07	+222549-07
+296851-08	+192124-12	+000000+00	+000000+00
+385338-07	+382008-07	+339870-07	+223988-07
+301474-08	+197935-12	+000000+00	+000000+00
+388479-07	+385101-07	+342565-07	+224669-07
+301475-08	+197936-12	+000000+00	+000000+00
+397974-07	+394452-07	+350713-07	+226725-07
+301475-08	+197936-12	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
24	7	+100000+16

+495273-07	+490076-07	+393126-07	+210068-07
+164538-08	+718798-13	+000000+00	+000000+00
+867140-07	+857620-07	+729795-07	+425909-07
+403215-08	+185437-12	+000000+00	+000000+00
+122937-06	+121427-06	+104980-06	+655800-07
+752832-08	+388619-12	+000000+00	+000000+00
+133018-06	+131268-06	+113296-06	+712578-07
+866748-08	+483369-12	+000000+00	+000000+00
+134474-06	+132697-06	+114511-06	+716245-07
+870192-08	+487429-12	+000000+00	+000000+00
+137474-06	+135651-06	+117085-06	+722739-07
+870192-08	+487429-12	+000000+00	+000000+00
+144019-06	+142096-06	+122701-06	+736912-07
+870192-08	+487429-12	+000000+00	+000000+00

IODINE

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI	
24	8	+100000+13	
+327539-10	+316669-10	+177750-10	+185832-11
+909249-13	+153797-22	+000000+00	+000000+00
+353718-10	+342526-10	+201044-10	+315839-11
+216867-12	+366856-22	+000000+00	+000000+00
+373540-10	+362296-10	+220351-10	+469003-11
+377256-12	+638214-22	+000000+00	+000000+00
+377629-10	+366374-10	+224335-10	+500794-11
+410761-12	+694902-22	+000000+00	+000000+00
+377659-10	+366404-10	+224364-10	+501013-11
+410988-12	+695287-22	+000000+00	+000000+00
+377663-10	+366408-10	+224367-10	+501022-11
+410988-12	+695287-22	+000000+00	+000000+00
+377677-10	+366422-10	+224379-10	+501052-11
+410988-12	+695287-22	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
24	8	+100000+14	
+327553-09	+316681-09	+177756-09	+185832-10
+909249-12	+153797-21	+000000+00	+000000+00
+353761-09	+342566-09	+201064-09	+315840-10
+216867-11	+366856-21	+000000+00	+000000+00
+373650-09	+362397-09	+220400-09	+469007-10
+377256-11	+638214-21	+000000+00	+000000+00
+377798-09	+366530-09	+224413-09	+500806-10
+410761-11	+694902-21	+000000+00	+000000+00
+377849-09	+366580-09	+224456-09	+501052-10
+410989-11	+695287-21	+000000+00	+000000+00
+377888-09	+366619-09	+224490-09	+501137-10
+410989-11	+695287-21	+000000+00	+000000+00
+378026-09	+366754-09	+224608-09	+501435-10
+410989-11	+695287-21	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
24	8	+300000+14	
+982750-09	+950129-09	+533309-09	+557498-10
+272775-11	+461391-21	+000000+00	+000000+00
+106157-08	+102796-08	+603320-09	+947527-10
+650601-11	+110057-20	+000000+00	+000000+00
+112167-08	+108786-08	+661531-09	+140705-09
+113177-10	+191464-20	+000000+00	+000000+00
+113450-08	+110062-08	+673750-09	+150250-09
+123228-10	+208471-20	+000000+00	+000000+00
+113479-08	+110090-08	+673975-09	+150341-09
+123297-10	+208586-20	+000000+00	+000000+00
+113515-08	+110125-08	+674278-09	+150418-09
+123297-10	+208586-20	+000000+00	+000000+00
+113637-08	+110245-08	+675325-09	+150682-09
+123297-10	+208586-20	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
24	8	+100000+15	
+327691-08	+316809-08	+177818-08	+185834-09
+909249-11	+153797-20	+000000+00	+000000+00
+354187-08	+342960-08	+201256-08	+315850-09
+216867-10	+366856-20	+000000+00	+000000+00
+374719-08	+363385-08	+220887-08	+469045-09
+377256-10	+638214-20	+000000+00	+000000+00
+379406-08	+368017-08	+225155-08	+500923-09
+410761-10	+694902-20	+000000+00	+000000+00
+379649-08	+368252-08	+225335-08	+501437-09
+410989-10	+695287-20	+000000+00	+000000+00
+380036-08	+368633-08	+225667-08	+502275-09
+410989-10	+695287-20	+000000+00	+000000+00
+381325-08	+369903-08	+226774-08	+505067-09
+410989-10	+695287-20	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
24	8	+300000+15	
+983991-08	+951274-08	+533867-08	+557513-09
+272775-10	+461391-20	+000000+00	+000000+00
+106534-07	+103144-07	+605024-08	+947611-09
+650601-10	+110057-19	+000000+00	+000000+00
+113080-07	+109630-07	+665684-08	+140739-08
+113177-09	+191464-19	+000000+00	+000000+00
+114758-07	+111272-07	+679805-08	+150354-08
+123228-09	+208471-19	+000000+00	+000000+00
+114932-07	+111440-07	+681130-08	+150683-08
+123297-09	+208586-19	+000000+00	+000000+00
+115266-07	+111769-07	+683391-08	+151405-08
+123297-09	+208586-19	+000000+00	+000000+00
+116274-07	+112762-07	+692641-08	+153588-08
+123297-09	+208586-19	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
24	8	+100000+16	
+329043-07	+318057-07	+178426-07	+185850-09
+909249-10	+153797-19	+000000+00	+000000+00
+358127-07	+346598-07	+203038-07	+315942-08
+216867-09	+366856-19	+000000+00	+000000+00
+383220-07	+371241-07	+224764-07	+469419-08
+377256-09	+638214-19	+000000+00	+000000+00
+390087-07	+377307-07	+230153-07	+502057-08
+410761-09	+694902-19	+000000+00	+000000+00
+391508-07	+379301-07	+231334-07	+505067-08
+410989-09	+695287-19	+000000+00	+000000+00
+394693-07	+382436-07	+234066-07	+511962-08
+410989-09	+695287-19	+000000+00	+000000+00
+401641-07	+389279-07	+240029-07	+527003-08
+410989-09	+695287-19	+000000+00	+000000+00

IODINE

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI	
24	9	+100000+13	
+319337-10	+308399-10	+169228-10	+121900-11
+334902-13	+566620-23	+000000+00	+000000+00
+334504-10	+323280-10	+181866-10	+171206-11
+798852-13	+135158-22	+000000+00	+000000+00
+341734-10	+330492-10	+188910-10	+227285-11
+138975-12	+235131-22	+000000+00	+000000+00
+343241-10	+331994-10	+190378-10	+238997-11
+151319-12	+256017-22	+000000+00	+000000+00
+343251-10	+332005-10	+190388-10	+239076-11
+151403-12	+256158-22	+000000+00	+000000+00
+343251-10	+332005-10	+190388-10	+239076-11
+151403-12	+256158-22	+000000+00	+000000+00
+343251-10	+332005-10	+190388-10	+239076-11
+151403-12	+256158-22	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
24	9	+100000+14	
+319342-09	+308403-09	+169230-09	+121900-10
+334902-12	+566620-22	+000000+00	+000000+00
+334519-09	+323295-09	+181873-09	+171206-10
+798852-12	+135158-21	+000000+00	+000000+00
+341774-09	+330529-09	+188928-09	+227285-10
+138975-11	+235131-21	+000000+00	+000000+00
+343301-09	+332050-09	+190405-09	+238997-10
+151319-11	+256017-21	+000000+00	+000000+00
+343315-09	+332063-09	+190417-09	+239076-10
+151403-11	+256158-21	+000000+00	+000000+00
+343315-09	+332063-09	+190417-09	+239076-10
+151403-11	+256158-21	+000000+00	+000000+00
+343315-09	+332063-09	+190417-09	+239076-10
+151403-11	+256158-21	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
24	9	+300000+14	
+958060-09	+925242-09	+507705-09	+365700-10
+100471-11	+169986-21	+000000+00	+000000+00
+100366-08	+969981-09	+545667-09	+513618-10
+239656-11	+405473-21	+000000+00	+000000+00
+102559-08	+991829-09	+566903-09	+681856-10
+416925-11	+705394-21	+000000+00	+000000+00
+103030-08	+996515-09	+571393-09	+716992-10
+453957-11	+768050-21	+000000+00	+000000+00
+103036-08	+996573-09	+571437-09	+717230-10
+454208-11	+768475-21	+000000+00	+000000+00
+103036-08	+996573-09	+571437-09	+717230-10
+454208-11	+768475-21	+000000+00	+000000+00
+103036-08	+996573-09	+571437-09	+717230-10
+454208-11	+768475-21	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
24	9	+100000+15	
+319393-08	+308450-08	+169253-08	+121900-09
+334902-11	+566620-21	+000000+00	+000000+00
+334675-08	+323438-08	+181943-08	+171206-09
+798852-11	+135158-20	+000000+00	+000000+00
+342162-08	+330887-08	+189102-08	+227286-09
+138975-10	+235131-20	+000000+00	+000000+00
+343874-08	+332579-08	+190662-08	+238999-09
+151319-10	+256017-20	+000000+00	+000000+00
+343913-08	+332616-08	+190685-08	+239078-09
+151403-10	+256158-20	+000000+00	+000000+00
+343913-08	+332616-08	+190685-08	+239078-09
+151403-10	+256158-20	+000000+00	+000000+00
+343913-08	+332616-08	+190685-08	+239078-09
+151403-10	+256158-20	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
24	9	+300000+15	
+958515-08	+925662-08	+507909-08	+365702-09
+100471-10	+169986-20	+000000+00	+000000+00
+100504-07	+971251-08	+546284-08	+513622-09
+239656-10	+405473-20	+000000+00	+000000+00
+102890-07	+994884-08	+568387-08	+681867-09
+416925-10	+705394-20	+000000+00	+000000+00
+103495-07	+100080-07	+573477-08	+717007-09
+453957-10	+768050-20	+000000+00	+000000+00
+103514-07	+100098-07	+573580-08	+717246-09
+454208-10	+768475-20	+000000+00	+000000+00
+103514-07	+100098-07	+573580-08	+717246-09
+454208-10	+768475-20	+000000+00	+000000+00
+103514-07	+100098-07	+573580-08	+717246-09
+454208-10	+768475-20	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
24	9	+100000+16	
+319889-07	+308908-07	+169475-07	+121902-08
+334902-10	+566620-20	+000000+00	+000000+00
+336113-07	+324766-07	+182588-07	+171211-08
+798852-10	+135158-19	+000000+00	+000000+00
+345235-07	+333723-07	+190480-07	+227296-08
+138975-09	+235131-19	+000000+00	+000000+00
+347622-07	+336038-07	+192343-07	+239011-08
+151319-09	+256017-19	+000000+00	+000000+00
+347670-07	+336083-07	+192370-07	+239091-08
+151403-09	+256158-19	+000000+00	+000000+00
+347670-07	+336083-07	+192370-07	+239091-08
+151403-09	+256158-19	+000000+00	+000000+00
+347670-07	+336083-07	+192370-07	+239091-08
+151403-09	+256158-19	+000000+00	+000000+00

XENON

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
25	1	+100000+13

+105059-04	+105504-04	+110363-04	+120013-04
+126126-04	+124553-04	+124553-04	+124553-04
+353151-04	+353700-04	+359456-04	+375615-04
+382158-04	+378382-04	+378382-04	+378382-04
+126171-03	+126226-03	+126805-03	+128364-03
+127376-03	+126860-03	+126860-03	+126860-03
+380706-03	+380759-03	+381320-03	+382708-03
+381131-03	+381211-03	+381211-03	+381211-03
+127047-02	+127052-02	+127109-02	+127251-02
+127116-02	+127144-02	+127144-02	+127144-02
+381400-02	+381405-02	+381461-02	+381603-02
+381468-02	+381497-02	+381497-02	+381497-02
+127165-01	+127166-01	+127171-01	+127185-01
+127172-01	+127175-01	+127175-01	+127175-01

ELEMENT	FUNCTION	PHI
25	1	+100000+14

+109199-03	+109743-03	+115402-03	+128303-03
+134986-03	+133412-03	+133412-03	+133412-03
+386608-03	+387317-03	+394374-03	+415814-03
+423270-03	+419481-03	+419482-03	+419482-03
+140938-02	+141009-02	+141720-02	+143808-02
+142901-02	+142376-02	+142377-02	+142377-02
+428110-02	+428180-02	+428871-02	+430785-02
+429263-02	+429317-02	+429317-02	+429317-02
+143197-01	+143204-01	+143273-01	+143468-01
+143337-01	+143362-01	+143362-01	+143362-01
+430155-01	+430162-01	+430231-01	+430426-01
+430296-01	+430320-01	+430320-01	+430320-01
+143466+00	+143467+00	+143474+00	+143493+00
+143480+00	+143483+00	+143483+00	+143483+00

ELEMENT	FUNCTION	PHI
25	1	+300000+14

+338256-03	+340093-03	+368735-03	+404197-03
+425424-03	+420692-03	+420692-03	+420692-03
+121862-02	+122099-02	+124415-02	+131652-02
+134019-02	+132874-02	+132876-02	+132876-02
+446118-02	+446357-02	+448687-02	+455747-02
+453083-02	+451463-02	+451463-02	+451463-02
+135737-01	+135760-01	+135987-01	+136638-01
+136170-01	+136169-01	+136169-01	+136169-01
+454210-01	+454233-01	+454461-01	+455120-01
+454711-01	+454766-01	+454765-01	+454765-01
+136460+00	+136462+00	+136485+00	+136551+00
+136510+00	+136516+00	+136516+00	+136516+00
+455230+00	+455232+00	+455255+00	+455321+00
+455280+00	+455286+00	+455286+00	+455286+00

ELEMENT	FUNCTION	PHI
25	1	+100000+15

+115458-02	+116114-02	+122677-02	+139240-02
+144548-02	+144959-02	+144960-02	+144960-02
+418387-02	+419226-02	+427331-02	+452974-02
+461000-02	+467095-02	+467095-02	+467095-02
+153368-01	+153452-01	+154268-01	+156761-01
+155803-01	+155194-01	+155194-01	+155194-01
+466879-01	+466961-01	+467755-01	+470037-01
+468216-01	+468019-01	+468019-01	+468019-01
+156162+00	+156170+00	+156250+00	+156479+00
+156311+00	+156305+00	+156305+00	+156305+00
+469152+00	+469160+00	+469240+00	+469470+00
+469301+00	+469296+00	+469296+00	+469296+00
+156593+01	+156594+01	+156602+01	+156625+01
+156608+01	+156608+01	+156608+01	+156608+01

ELEMENT	FUNCTION	PHI
25	1	+300000+15

+349759-02	+351775-02	+371863-02	+423061-02
+445115-02	+440259-02	+440260-02	+440260-02
+127004-01	+127261-01	+129739-01	+137583-01
+139905-01	+138657-01	+138667-01	+138657-01
+466287-01	+466548-01	+469041-01	+476576-01
+472934-01	+470669-01	+470669-01	+470669-01
+141935+00	+141961+00	+142202+00	+142871+00
+142107+00	+141899+00	+141899+00	+141899+00
+473992+00	+474017+00	+474259+00	+474927+00
+474166+00	+473974+00	+473974+00	+473974+00
+142378+01	+142381+01	+142405+01	+142472+01
+142396+01	+142377+01	+142377+01	+142377+01
+475688+01	+475691+01	+475716+01	+475784+01
+476709+01	+476690+01	+476690+01	+476690+01

ELEMENT	FUNCTION	PHI
25	1	+100000+16

+117231-01	+117914-01	+124686-01	+141947-01
+149177-01	+147453-01	+147454-01	+147454-01
+427152-01	+428030-01	+436410-01	+462648-01
+469167-01	+464154-01	+464154-01	+464154-01
+157471+00	+157561+00	+158403+00	+160828+00
+158824+00	+157499+00	+157499+00	+157499+00
+478422+00	+478507+00	+479309+00	+481292+00
+476916+00	+474988+00	+474988+00	+474988+00
+159114+01	+159122+01	+159203+01	+159399+01
+158945+01	+158747+01	+158747+01	+158747+01
+477785+01	+477794+01	+477875+01	+478076+01
+477624+01	+477426+01	+477425+01	+477425+01
+159523+02	+159524+02	+159532+02	+159553+02
+159508+02	+159488+02	+159488+02	+159488+02

XENON

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
25	2	+100000+13

+404991-20	+143706-20	+923660-21	+351375-21
+387986-22	+112436-26	+000000+00	+000000+00
+449686-20	+188029-20	+133564-20	+603643-21
+100791-21	+315377-26	+000000+00	+000000+00
+500957-20	+239227-20	+184105-20	+104779-20
+215386-21	+842531-26	+000000+00	+000000+00
+527270-20	+266500-20	+210025-20	+127405-20
+273979-21	+149066-25	+000000+00	+000000+00
+528717-20	+266945-20	+211451-20	+128660-20
+277616-21	+172029-25	+000000+00	+000000+00
+528719-20	+266947-20	+211453-20	+128661-20
+277625-21	+172247-25	+000000+00	+000000+00
+528719-20	+266947-20	+211453-20	+128661-20
+277625-21	+172247-25	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
25	2	+100000+14

+378068-19	+117345-19	+705645-20	+318734-20
+387986-21	+112409-26	+000000+00	+000000+00
+405934-19	+145191-19	+981354-20	+550600-20
+100791-20	+315160-26	+000000+00	+000000+00
+456919-19	+196108-19	+148445-19	+994395-20
+215384-20	+840767-26	+000000+00	+000000+00
+483232-19	+222381-19	+174363-19	+122065-19
+273967-20	+148437-24	+000000+00	+000000+00
+484677-19	+223825-19	+175788-19	+123318-19
+277696-20	+171123-24	+000000+00	+000000+00
+484679-19	+223827-19	+175790-19	+123320-19
+277606-20	+171337-24	+000000+00	+000000+00
+484679-19	+223827-19	+175790-19	+123320-19
+277605-20	+171337-24	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
25	2	+300000+14

+107822-18	+297220-19	+166359-19	+888328-20
+116396-20	+337044-26	+000000+00	+000000+00
+115108-18	+370243-19	+240375-19	+157090-19
+302371-20	+943941-26	+000000+00	+000000+00
+130399-18	+522957-19	+391272-19	+290223-19
+646134-20	+251060-24	+000000+00	+000000+00
+138293-18	+601769-19	+469020-19	+358092-19
+821825-20	+444164-24	+000000+00	+000000+00
+138726-18	+606092-19	+473287-19	+361845-19
+832661-20	+507427-24	+000000+00	+000000+00
+138726-18	+606097-19	+473292-19	+361849-19
+832686-20	+508047-24	+000000+00	+000000+00
+138726-18	+606097-19	+473292-19	+361849-19
+832686-20	+508047-24	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
25	2	+100000+15

+347746-18	+876566-19	+460109-19	+281973-19
+387983-20	+112136-24	+000000+00	+000000+00
+370995-18	+110981-18	+698423-19	+508239-19
+100788-19	+312895-24	+000000+00	+000000+00
+421963-18	+161882-18	+120138-18	+952000-19
+215358-19	+823436-24	+000000+00	+000000+00
+448265-18	+188145-18	+146046-18	+117815-18
+273855-19	+142392-23	+000000+00	+000000+00
+449700-18	+189577-18	+147460-18	+119058-18
+277411-19	+162663-23	+000000+00	+000000+00
+449701-18	+189579-18	+147461-18	+119059-18
+277419-19	+162748-23	+000000+00	+000000+00
+449701-18	+189579-18	+147461-18	+119059-18
+277419-19	+162748-23	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
25	2	+300000+15

+103077-17	+250760-18	+127934-18	+830798-19
+116393-19	+334601-24	+000000+00	+000000+00
+109970-17	+319936-18	+198769-18	+150860-18
+302346-19	+923893-24	+000000+00	+000000+00
+125259-17	+472627-18	+349644-18	+283978-18
+646911-19	+236061-23	+000000+00	+000000+00
+133144-17	+551356-18	+427310-18	+351763-18
+820889-19	+391276-23	+000000+00	+000000+00
+133568-17	+555591-18	+431489-18	+355432-18
+831183-19	+439032-23	+000000+00	+000000+00
+133568-17	+555594-18	+431493-18	+355435-18
+831201-19	+439466-23	+000000+00	+000000+00
+133568-17	+555594-18	+431493-18	+355435-18
+831201-19	+439466-23	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
25	2	+100000+16

+342028-17	+820575-18	+413802-18	+275039-18
+387950-19	+109462-23	+000000+00	+000000+00
+364912-17	+105025-17	+649162-18	+500854-18
+100761-18	+291671-23	+000000+00	+000000+00
+415867-17	+155913-17	+115199-17	+944477-18
+215140-18	+676920-23	+000000+00	+000000+00
+442099-17	+182105-17	+141036-17	+116992-17
+273062-18	+100161-22	+000000+00	+000000+00
+443472-17	+183476-17	+142389-17	+118176-17
+276248-18	+108747-22	+000000+00	+000000+00
+443472-17	+183477-17	+142390-17	+118177-17
+276252-18	+108824-22	+000000+00	+000000+00
+443472-17	+183477-17	+142390-17	+118177-17
+276252-18	+108824-22	+000000+00	+000000+00

XENON

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
26	3	+100000+13

+184203-23	+184567-23	+171154-23	+472605-24
+190155-25	+106484-29	+000000+00	+000000+00
+234872-23	+234551-23	+215434-23	+642872-24
+492989-25	+299128-29	+000000+00	+000000+00
+260941-23	+260575-23	+241057-23	+864757-24
+105103-24	+802123-29	+000000+00	+000000+00
+273795-23	+273409-23	+253717-23	+975236-24
+134038-24	+142616-28	+000000+00	+000000+00
+274557-23	+274170-23	+254469-23	+981895-24
+136160-24	+164686-28	+000000+00	+000000+00
+274558-23	+274172-23	+254471-23	+981910-24
+136169-24	+164896-28	+000000+00	+000000+00
+274558-23	+274172-23	+254471-23	+981910-24
+136169-24	+164896-28	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
26	3	+100000+14

+141435-22	+142692-22	+136521-22	+420753-23
+190155-24	+106467-28	+000000+00	+000000+00
+165371-22	+166502-22	+159164-22	+558610-23
+492986-24	+298909-28	+000000+00	+000000+00
+190986-22	+192080-22	+184409-22	+779943-23
+105100-23	+800419-28	+000000+00	+000000+00
+203838-22	+204913-22	+197068-22	+890412-23
+134027-23	+141907-27	+000000+00	+000000+00
+204599-22	+205673-22	+197819-22	+897059-23
+136141-23	+163810-27	+000000+00	+000000+00
+204601-22	+205674-22	+197820-22	+897074-23
+136150-23	+164016-27	+000000+00	+000000+00
+204601-22	+205674-22	+197820-22	+897074-23
+136150-23	+164016-27	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
26	3	+300000+14

+335373-22	+341000-22	+337548-22	+115444-22
+570462-24	+319196-28	+000000+00	+000000+00
+390119-22	+396723-22	+391631-22	+154732-22
+147894-23	+896268-28	+000000+00	+000000+00
+466904-22	+472401-22	+467348-22	+221124-22
+315285-23	+238995-27	+000000+00	+000000+00
+505454-22	+510893-22	+505318-22	+254258-22
+402006-23	+421716-27	+000000+00	+000000+00
+507728-22	+513164-22	+507561-22	+256245-22
+408300-23	+486688-27	+000000+00	+000000+00
+507733-22	+513169-22	+507566-22	+256249-22
+408324-23	+486288-27	+000000+00	+000000+00
+507733-22	+513169-22	+507566-22	+256249-22
+408324-23	+486288-27	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
26	3	+100000+15

+932682-22	+956306-22	+975168-22	+362356-22
+190152-23	+106194-27	+000000+00	+000000+00
+109868-21	+112158-21	+114209-21	+491319-22
+492959-23	+296730-27	+000000+00	+000000+00
+135457-21	+137711-21	+139443-21	+712607-22
+105076-22	+783674-27	+000000+00	+000000+00
+148300-21	+150534-21	+152093-21	+822978-22
+133918-22	+136067-26	+000000+00	+000000+00
+149049-21	+151283-21	+152832-21	+829518-22
+135963-22	+155640-26	+000000+00	+000000+00
+149051-21	+151284-21	+152833-21	+829531-22
+136970-22	+156718-26	+000000+00	+000000+00
+149051-21	+151284-21	+152833-21	+829531-22
+136970-22	+156718-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
26	3	+300000+15

+259995-21	+267196-21	+276509-21	+106305-21
+570433-23	+316836-27	+000000+00	+000000+00
+308501-21	+315809-21	+325538-21	+144836-21
+147869-22	+876899-27	+000000+00	+000000+00
+385255-21	+392467-21	+401228-21	+211212-21
+315070-22	+224494-26	+000000+00	+000000+00
+423726-21	+430869-21	+439119-21	+244266-21
+401102-22	+373616-26	+000000+00	+000000+00
+425914-21	+433066-21	+441277-21	+246171-21
+406872-22	+419608-26	+000000+00	+000000+00
+425918-21	+433059-21	+441280-21	+246174-21
+406889-22	+420017-26	+000000+00	+000000+00
+425918-21	+433058-21	+441280-21	+246174-21
+406889-22	+420017-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
26	3	+100000+16

+841841-21	+866362-21	+901607-21	+351342-21
+190120-22	+103610-26	+000000+00	+000000+00
+100205-20	+102696-20	+106384-20	+479594-21
+492694-22	+276127-26	+000000+00	+000000+00
+125781-20	+128237-20	+131605-20	+700748-21
+104865-21	+642115-26	+000000+00	+000000+00
+138556-20	+140992-20	+144186-20	+810436-21
+133143-21	+962564-26	+000000+00	+000000+00
+139246-20	+141681-20	+144866-20	+816412-21
+134839-21	+103644-26	+000000+00	+000000+00
+139246-20	+141681-20	+144867-20	+816417-21
+134842-21	+103619-26	+000000+00	+000000+00
+139246-20	+141681-20	+144867-20	+816417-21
+134842-21	+103619-26	+000000+00	+000000+00

XENON

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
25	4	+100000+13

+273762-22	+600418-23	+293723-23	+958772-24
+451276-25	+109496-29	+000000+00	+000000+00
+284126-22	+702765-23	+385209-23	+133450-23
+117191-24	+306962-29	+000000+00	+000000+00
+290175-22	+763156-23	+444720-23	+185311-23
+250236-24	+818815-29	+000000+00	+000000+00
+293230-22	+793663-23	+474814-23	+211573-23
+318005-24	+144629-28	+000000+00	+000000+00
+293396-22	+795315-23	+476445-23	+213005-23
+322079-24	+166822-28	+000000+00	+000000+00
+293396-22	+795316-23	+476446-23	+213007-23
+322087-24	+167032-28	+000000+00	+000000+00
+293396-22	+795316-23	+476446-23	+213007-23
+322087-24	+167032-28	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
25	4	+100000+14

+264666-21	+511355-22	+220064-22	+848892-23
+451276-24	+109470-28	+000000+00	+000000+00
+269344-21	+558033-22	+265509-22	+115528-22
+117191-23	+306733-28	+000000+00	+000000+00
+275296-21	+617477-22	+324238-22	+167272-22
+250233-23	+817111-28	+000000+00	+000000+00
+278351-21	+647983-22	+354330-22	+193533-22
+317994-23	+144021-27	+000000+00	+000000+00
+278517-21	+649633-22	+355960-22	+194965-22
+322060-23	+166946-27	+000000+00	+000000+00
+278517-21	+649635-22	+355961-22	+194966-22
+322068-23	+166163-27	+000000+00	+000000+00
+278517-21	+649635-22	+355961-22	+194966-22
+322068-23	+166163-27	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
25	4	+300000+14

+775082-21	+134887-21	+507025-22	+231615-22
+135383-23	+328234-28	+000000+00	+000000+00
+785488-21	+145337-21	+613976-22	+319254-22
+351570-23	+918739-28	+000000+00	+000000+00
+803333-21	+163158-21	+790058-22	+474469-22
+750683-23	+244003-27	+000000+00	+000000+00
+812498-21	+172309-21	+880330-22	+553246-22
+953907-23	+428058-27	+000000+00	+000000+00
+812993-21	+172803-21	+885210-22	+557532-22
+966056-23	+492098-27	+000000+00	+000000+00
+812993-21	+172804-21	+885214-22	+557536-22
+966081-23	+492697-27	+000000+00	+000000+00
+812993-21	+172804-21	+885214-22	+557536-22
+966081-23	+492697-27	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
25	4	+100000+15

+254421-20	+411049-21	+137107-21	+724289-22
+451273-23	+109207-27	+000000+00	+000000+00
+257539-20	+442461-21	+169918-21	+101217-21
+117188-22	+304663-27	+000000+00	+000000+00
+263486-20	+501842-21	+228602-21	+152953-21
+250208-22	+800366-27	+000000+00	+000000+00
+266540-20	+532338-21	+258685-21	+179204-21
+317885-22	+138181-26	+000000+00	+000000+00
+266705-20	+533978-21	+260304-21	+180624-21
+321881-22	+167676-26	+000000+00	+000000+00
+266705-20	+533979-21	+260305-21	+180626-21
+321889-22	+167854-26	+000000+00	+000000+00
+266705-20	+533979-21	+260305-21	+180626-21
+321889-22	+167854-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
25	4	+300000+15

+759050-20	+119189-20	+377202-21	+212179-21
+135380-22	+326873-27	+000000+00	+000000+00
+768129-20	+128340-20	+473407-21	+298207-21
+351546-22	+899370-27	+000000+00	+000000+00
+785968-20	+146156-20	+649444-21	+453405-21
+750468-22	+229601-26	+000000+00	+000000+00
+795125-20	+155299-20	+739636-21	+532100-21
+953003-22	+379868-26	+000000+00	+000000+00
+795612-20	+155785-20	+744431-21	+536305-21
+964629-22	+426017-26	+000000+00	+000000+00
+795612-20	+155785-20	+744435-21	+536308-21
+964646-22	+426426-26	+000000+00	+000000+00
+795612-20	+155785-20	+744435-21	+536308-21
+964646-22	+426426-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
25	4	+100000+16

+252489-19	+392132-20	+121462-20	+700864-21
+451241-22	+106623-26	+000000+00	+000000+00
+255484-19	+422328-20	+153276-20	+987240-21
+117161-21	+283961-26	+000000+00	+000000+00
+261430-19	+481705-20	+211946-20	+150446-20
+249997-21	+658807-26	+000000+00	+000000+00
+264477-19	+512133-20	+241960-20	+176629-20
+317110-21	+973696-26	+000000+00	+000000+00
+264635-19	+513713-20	+243520-20	+177993-20
+320758-21	+106681-25	+000000+00	+000000+00
+264635-19	+513713-20	+243520-20	+177994-20
+320761-21	+106756-25	+000000+00	+000000+00
+264635-19	+513713-20	+243520-20	+177994-20
+320761-21	+106756-25	+000000+00	+000000+00

XENON

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
25	5	+100000+13

+312522-23	+314868-23	+324531-23	+115251-23
+132382-27	+203800-27	+203809-27	+203809-27
+419810-23	+420442-23	+415613-23	+132808-23
+416865-27	+611441-27	+611466-27	+611466-27
+421364-23	+421967-23	+416897-23	+133076-23
+156301-26	+203796-26	+203802-26	+203802-26
+421706-23	+422309-23	+417241-23	+133425-23
+539749-26	+611241-26	+611260-26	+611250-26
+423121-23	+423724-23	+418656-23	+134841-23
+196117-25	+203646-25	+203646-25	+203646-25
+427187-23	+427790-23	+422721-23	+138906-23
+602666-25	+610194-25	+610195-25	+610195-25
+441340-23	+441943-23	+436875-23	+153060-23
+201803-24	+202556-24	+202556-24	+202556-24

ELEMENT	FUNCTION	PHI
25	5	+100000+14

+180331-22	+185438-22	+217487-22	+992249-23
+132484-26	+203886-26	+203895-26	+203895-26
+204993-22	+210111-22	+241660-22	+106764-22
+417188-26	+611622-26	+611647-26	+611647-26
+205142-22	+210260-22	+241807-22	+106862-22
+156215-25	+203606-25	+203611-25	+203611-25
+205484-22	+210601-22	+242149-22	+107209-22
+538046-25	+609216-25	+609226-25	+609226-25
+206885-22	+212002-22	+243550-22	+108611-22
+194544-24	+202031-24	+202032-24	+202032-24
+210852-22	+215970-22	+247518-22	+112579-22
+691322-24	+698810-24	+698811-24	+698811-24
+224024-22	+229141-22	+260689-22	+125751-22
+190846-23	+191696-23	+191696-23	+191696-23

ELEMENT	FUNCTION	PHI
25	5	+300000+14

+266116-22	+287173-22	+429870-22	+264349-22
+397556-26	+611661-26	+611678-26	+611678-26
+287366-22	+309559-22	+459686-22	+280573-22
+125067-25	+183302-25	+183310-25	+183310-25
+287631-22	+309828-22	+459980-22	+280844-22
+466898-25	+608368-25	+608386-25	+608386-25
+288644-22	+310841-22	+460995-22	+281875-22
+159925-24	+181064-24	+181067-24	+181067-24
+292748-22	+314945-22	+465099-22	+285982-22
+672129-24	+694326-24	+694329-24	+694329-24
+304005-22	+326202-22	+476356-22	+297239-22
+169783-23	+172002-23	+172003-23	+172003-23
+337688-22	+359885-22	+510039-22	+330922-22
+506613-23	+508833-23	+508833-23	+508833-23

ELEMENT	FUNCTION	PHI
25	5	+100000+15

+314538-22	+396685-22	+969295-22	+811753-22
+132364-25	+203689-25	+203598-25	+203598-25
+334424-22	+421417-22	+102742-21	+859656-22
+414845-25	+607856-25	+607880-25	+607880-25
+335140-22	+422149-22	+102826-21	+860529-22
+153276-24	+199629-24	+199635-24	+199635-24
+338389-22	+425398-22	+103152-21	+863834-22
+515234-24	+683316-24	+683323-24	+683323-24
+350960-22	+437969-22	+104409-21	+876412-22
+177746-23	+184852-23	+184853-23	+184853-23
+381850-22	+468860-22	+107498-21	+907303-22
+486651-23	+493768-23	+493769-23	+493769-23
+447476-22	+534485-22	+114061-21	+972928-22
+114291-22	+115001-22	+115001-22	+115001-22

ELEMENT	FUNCTION	PHI
25	5	+300000+15

+331320-22	+590643-22	+241206-21	+236103-21
+395136-25	+607733-25	+607760-25	+607760-25
+350979-22	+625675-22	+255406-21	+249988-21
+122570-24	+179639-24	+179646-24	+179646-24
+352921-22	+627668-22	+255640-21	+250239-21
+439978-24	+572481-24	+572498-24	+572498-24
+361659-22	+636307-22	+256515-21	+251126-21
+140611-23	+159109-23	+159111-23	+159111-23
+391472-22	+666120-22	+259497-21	+254109-21
+439600-23	+468761-23	+468763-23	+468763-23
+445825-22	+720474-22	+264932-21	+259544-21
+983141-23	+100230-22	+100230-22	+100230-22
+498786-22	+773436-22	+270228-21	+264841-21
+151276-22	+153192-22	+153193-22	+153193-22

ELEMENT	FUNCTION	PHI
25	5	+100000+16

+337640-22	+121773-21	+741930-21	+777712-21
+129422-24	+199014-24	+199023-24	+199023-24
+357650-22	+128994-21	+785576-21	+823440-21
+387419-24	+566960-24	+566983-24	+566983-24
+363118-22	+129567-21	+786256-21	+824173-21
+126477-23	+164101-23	+164106-23	+164106-23
+383477-22	+131593-21	+788295-21	+826233-21
+345739-23	+392534-23	+392540-23	+392540-23
+430489-22	+136295-21	+792996-21	+830935-21
+816549-23	+863737-23	+863743-23	+863743-23
+468383-22	+140084-21	+796785-21	+834725-21
+119652-22	+124271-22	+124271-22	+124271-22
+500665-22	+143312-21	+800014-21	+837953-21
+161842-22	+156561-22	+156561-22	+156561-22

XENON

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI	
25	6	+100000+13	
+243944-10	+245959-10	+255773-10	+120907-10
+143656-11	+416013-16	+000000+00	+000000+00
+400141-10	+401002-10	+401011-10	+213388-10
+372928-11	+116690-16	+000000+00	+000000+00
+589780-10	+590371-10	+587963-10	+377714-10
+796929-11	+311736-16	+000000+00	+000000+00
+687141-10	+687584-10	+683864-10	+461430-10
+101372-10	+551546-16	+000000+00	+000000+00
+692495-10	+692931-10	+689143-10	+466074-10
+102718-10	+636509-16	+000000+00	+000000+00
+692501-10	+692937-10	+689149-10	+466079-10
+102721-10	+637313-16	+000000+00	+000000+00
+692501-10	+692937-10	+689149-10	+466079-10
+102721-10	+637313-16	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
25	6	+100000+14	
+148314-09	+152326-09	+178334-09	+109313-09
+143565-10	+416912-16	+000000+00	+000000+00
+244737-09	+248842-09	+275168-09	+194547-09
+372927-10	+116606-14	+000000+00	+000000+00
+433359-09	+437215-09	+461297-09	+358749-09
+796920-10	+311084-14	+000000+00	+000000+00
+530716-09	+534425-09	+557195-09	+442462-09
+101368-09	+549216-14	+000000+00	+000000+00
+536065-09	+539767-09	+562468-09	+447100-09
+102711-09	+633164-14	+000000+00	+000000+00
+536071-09	+539773-09	+562474-09	+447106-09
+102714-09	+633946-14	+000000+00	+000000+00
+536071-09	+539773-09	+562474-09	+447106-09
+102714-09	+633946-14	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
25	6	+300000+14	
+246086-09	+262274-09	+373974-09	+303831-09
+430663-10	+124706-14	+000000+00	+000000+00
+497206-09	+514471-09	+633585-09	+554906-09
+111877-09	+349258-14	+000000+00	+000000+00
+106294-08	+107946-08	+119186-08	+104749-08
+239070-09	+928923-14	+000000+00	+000000+00
+135498-08	+137106-08	+147953-08	+129861-08
+304076-09	+163231-13	+000000+00	+000000+00
+137100-08	+138706-08	+149532-08	+131249-08
+308084-09	+187748-13	+000000+00	+000000+00
+137102-08	+138707-08	+149534-08	+131251-08
+308094-09	+187977-13	+000000+00	+000000+00
+137102-08	+138707-08	+149534-08	+131251-08
+308094-09	+187977-13	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
25	6	+100000+15	
+406114-09	+468723-09	+911194-09	+962556-09
+143554-09	+414903-14	+000000+00	+000000+00
+120632-08	+127329-08	+174672-08	+179500-08
+372916-09	+115771-13	+000000+00	+000000+00
+309194-08	+316642-08	+360750-08	+343690-08
+796825-09	+304671-13	+000000+00	+000000+00
+406514-08	+412815-08	+456611-08	+427365-08
+101326-08	+526851-13	+000000+00	+000000+00
+411820-08	+418114-08	+461842-08	+431963-08
+102642-08	+601484-13	+000000+00	+000000+00
+411826-08	+418120-08	+461847-08	+431968-08
+102645-08	+602167-13	+000000+00	+000000+00
+411826-08	+418120-08	+461847-08	+431968-08
+102645-08	+602167-13	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
25	6	+300000+15	
+775390-09	+972464-09	+237489-08	+283396-08
+430662-09	+123802-13	+000000+00	+000000+00
+314706-08	+335782-08	+485801-08	+532776-08
+111868-08	+341841-13	+000000+00	+000000+00
+880351-08	+900682-08	+104400-07	+102531-07
+238987-08	+873388-13	+000000+00	+000000+00
+117209-07	+119128-07	+133136-07	+127611-07
+303729-08	+144772-12	+000000+00	+000000+00
+118778-07	+120765-07	+134682-07	+128969-07
+307638-08	+162442-12	+000000+00	+000000+00
+118779-07	+120766-07	+134684-07	+128970-07
+307644-08	+162638-12	+000000+00	+000000+00
+118779-07	+120766-07	+134684-07	+128970-07
+307644-08	+162638-12	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
25	6	+100000+16	
+202993-08	+269843-08	+746711-08	+937927-08
+143541-08	+405008-13	+000000+00	+000000+00
+990244-08	+106172-07	+157174-07	+176877-07
+372815-08	+107881-12	+000000+00	+000000+00
+287539-07	+294439-07	+343205-07	+341016-07
+796017-08	+260460-12	+193756-38	+000000+00
+384598-07	+391351-07	+438804-07	+424429-07
+101029-07	+370660-12	+286684-38	+000000+00
+389677-07	+396423-07	+443809-07	+428811-07
+102212-07	+402364-12	+311356-38	+000000+00
+389680-07	+396425-07	+443812-07	+428813-07
+102213-07	+402660-12	+311577-38	+000000+00
+389680-07	+396425-07	+443812-07	+428813-07
+102213-07	+402660-12	+311577-38	+000000+00

XENON

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI	
25	7	+100000+13	
+108477-10	+108037-10	+880669-11	+996982-12
+386556-20	+000000+00	+000000+00	+000000+00
+118459-10	+117785-10	+959476-11	+109611-11
+431171-20	+000000+00	+000000+00	+000000+00
+118534-10	+117858-10	+960073-11	+109694-11
+431611-20	+000000+00	+000000+00	+000000+00
+118534-10	+117858-10	+960073-11	+109694-11
+431611-20	+000000+00	+000000+00	+000000+00
+118534-10	+117858-10	+960073-11	+109694-11
+431611-20	+000000+00	+000000+00	+000000+00
+118534-10	+117858-10	+960073-11	+109694-11
+431611-20	+000000+00	+000000+00	+000000+00
+118534-10	+117858-10	+960073-11	+109694-11
+431611-20	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
25	7	+100000+14	
+103496-09	+103160-09	+840336-10	+936596-11
+361383-19	+000000+00	+000000+00	+000000+00
+110365-09	+109860-09	+893933-10	+997976-11
+375638-19	+000000+00	+000000+00	+000000+00
+110387-09	+109881-09	+894101-10	+998169-11
+375715-19	+000000+00	+000000+00	+000000+00
+110387-09	+109881-09	+894101-10	+998169-11
+375715-19	+000000+00	+000000+00	+000000+00
+110387-09	+109881-09	+894101-10	+998169-11
+375715-19	+000000+00	+000000+00	+000000+00
+110387-09	+109881-09	+894101-10	+998169-11
+375715-19	+000000+00	+000000+00	+000000+00
+110387-09	+109881-09	+894101-10	+998169-11
+375715-19	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
25	7	+300000+14	
+300131-09	+299339-09	+243714-09	+268422-10
+983089-19	+000000+00	+000000+00	+000000+00
+318751-09	+317494-09	+258184-09	+284427-10
+104222-18	+000000+00	+000000+00	+000000+00
+318809-09	+317561-09	+258229-09	+284477-10
+104241-18	+000000+00	+000000+00	+000000+00
+318809-09	+317561-09	+258229-09	+284477-10
+104241-18	+000000+00	+000000+00	+000000+00
+318809-09	+317561-09	+258229-09	+284477-10
+104241-18	+000000+00	+000000+00	+000000+00
+318809-09	+317561-09	+258229-09	+284477-10
+104241-18	+000000+00	+000000+00	+000000+00
+318809-09	+317561-09	+258229-09	+284477-10
+104241-18	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
25	7	+100000+15	
+978865-09	+976675-09	+794912-09	+868588-10
+312896-18	+000000+00	+000000+00	+000000+00
+103901-08	+103631-08	+841591-09	+919611-10
+331290-18	+000000+00	+000000+00	+000000+00
+103920-08	+103650-08	+841736-09	+919769-10
+331347-18	+000000+00	+000000+00	+000000+00
+103920-08	+103650-08	+841736-09	+919769-10
+331347-18	+000000+00	+000000+00	+000000+00
+103920-08	+103650-08	+841736-09	+919769-10
+331347-18	+000000+00	+000000+00	+000000+00
+103920-08	+103650-08	+841736-09	+919769-10
+331347-18	+000000+00	+000000+00	+000000+00
+103920-08	+103650-08	+841736-09	+919769-10
+331347-18	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
25	7	+300000+15	
+291353-08	+290744-08	+236605-08	+257779-09
+922860-18	+000000+00	+000000+00	+000000+00
+309246-08	+308188-08	+250487-08	+272903-09
+977008-18	+000000+00	+000000+00	+000000+00
+309302-08	+308242-08	+250530-08	+272950-09
+977175-18	+000000+00	+000000+00	+000000+00
+309302-08	+308242-08	+250530-08	+272950-09
+977175-18	+000000+00	+000000+00	+000000+00
+309302-08	+308242-08	+250530-08	+272950-09
+977175-18	+000000+00	+000000+00	+000000+00
+309302-08	+308242-08	+250530-08	+272950-09
+977175-18	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
25	7	+100000+16	
+968286-08	+966317-08	+786345-08	+855762-09
+305638-17	+000000+00	+000000+00	+000000+00
+102776-07	+102430-07	+832479-08	+905968-09
+323570-17	+000000+00	+000000+00	+000000+00
+102794-07	+102448-07	+832622-08	+906123-09
+323625-17	+000000+00	+000000+00	+000000+00
+102794-07	+102448-07	+832622-08	+906123-09
+323625-17	+000000+00	+000000+00	+000000+00
+102794-07	+102448-07	+832622-08	+906123-09
+323625-17	+000000+00	+000000+00	+000000+00
+102794-07	+102448-07	+832622-08	+906123-09
+323625-17	+000000+00	+000000+00	+000000+00

XENON

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
25	8	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
25	8	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
25	8	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
25	8	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
25	8	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
25	8	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

XENON

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
25	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
25	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
25	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
25	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
25	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
25	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

CESIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
26	1	+100000+13

+478343-05	+478806-05	+493578-05	+672999-05
+969281-05	+106022-04	+103587-04	+870506-05
+186513-04	+186715-04	+189538-04	+217505-04
+289788-04	+313308-04	+306006-04	+256400-04
+787268-04	+787654-04	+792127-04	+835497-04
+987600-04	+103688-03	+101255-03	+847241-04
+279635-03	+279683-03	+280215-03	+285342-03
+304548-03	+310344-03	+303049-03	+253497-03
+100369-02	+100374-02	+100427-02	+100942-02
+102865-02	+103274-02	+100847-02	+843768-03
+306557-02	+306562-02	+306615-02	+307125-02
+308996-02	+308903-02	+301668-02	+252655-02
+101935-01	+101935-01	+101940-01	+101990-01
+102159-01	+101979-01	+996229-02	+837408-02

ELEMENT	FUNCTION	PHI
26	1	+100000+14

+437709-04	+437186-04	+443963-04	+590877-04
+881436-04	+972371-04	+948028-04	+782661-04
+153168-03	+153210-03	+154734-03	+177418-03
+248770-03	+272290-03	+264988-03	+215382-03
+639908-03	+640134-03	+643299-03	+681351-03
+832515-03	+881792-03	+857451-03	+692142-03
+232305-02	+232337-02	+232739-02	+237334-02
+256444-02	+262236-02	+254927-02	+205369-02
+842201-02	+842233-02	+842637-02	+847252-02
+866371-02	+870414-02	+845944-02	+681132-02
+257693-01	+257696-01	+257736-01	+258192-01
+260047-01	+259917-01	+252493-01	+203379-01
+854162-01	+854165-01	+854202-01	+854637-01
+856283-01	+854172-01	+828886-01	+669172-01

ELEMENT	FUNCTION	PHI
26	1	+300000+14

+120804-03	+120443-03	+120813-03	+158128-03
+244105-03	+271386-03	+264083-03	+214473-03
+401032-03	+400912-03	+403503-03	+463498-03
+676137-03	+746696-03	+724788-03	+575971-03
+168833-02	+168876-02	+169627-02	+180236-02
+225443-02	+240225-02	+232918-02	+183324-02
+624350-02	+624422-02	+625429-02	+638407-02
+695589-02	+712947-02	+690933-02	+542215-02
+228076-01	+228084-01	+228185-01	+229488-01
+235206-01	+236394-01	+228917-01	+179402-01
+698589-01	+698596-01	+698695-01	+699979-01
+705504-01	+704898-01	+681367-01	+533362-01
+230436+00	+230437+00	+230446+00	+230566+00
+231037+00	+230215+00	+221508+00	+173017+00

ELEMENT	FUNCTION	PHI
26	1	+100000+15

+376095-03	+374462-03	+372235-03	+482539-03
+766651-03	+857586-03	+833243-03	+667877-03
+121751-02	+121664-02	+122151-02	+140616-02
+211226-02	+234745-02	+227442-02	+177836-02
+517932-02	+518029-02	+520156-02	+553987-02
+704404-02	+753667-02	+729262-02	+563928-02
+194213-01	+194232-01	+194530-01	+198702-01
+217734-01	+223502-01	+216061-01	+166438-01
+713127-01	+713147-01	+713446-01	+717635-01
+736636-01	+740331-01	+713830-01	+547952-01
+218271+00	+218272+00	+218301+00	+218711+00
+220524+00	+220083+00	+210806+00	+160717+00
+709889+00	+709890+00	+709914+00	+710278+00
+711632+00	+706889+00	+665845+00	+498091+00

ELEMENT	FUNCTION	PHI
26	1	+300000+15

+109670-02	+109134-02	+108095-02	+139681-02
+224649-02	+251930-02	+244627-02	+195018-02
+352349-02	+352041-02	+353105-02	+406897-02
+618443-02	+689000-02	+667083-02	+518270-02
+150630-01	+150654-01	+151253-01	+161241-01
+206338-01	+221109-01	+213744-01	+164128-01
+567884-01	+567936-01	+568790-01	+581145-01
+638196-01	+655354-01	+632161-01	+482855-01
+208756+00	+208762+00	+208847+00	+210085+00
+215760+00	+216648+00	+207376+00	+156921+00
+635954+00	+635958+00	+636039+00	+637233+00
+642468+00	+639240+00	+599956+00	+443714+00
+199840+01	+199840+01	+199845+01	+199938+01
+200203+01	+197438+01	+177067+01	+122812+01

ELEMENT	FUNCTION	PHI
26	1	+100000+16

+361441-02	+359598-02	+355672-02	+459072-02
+741968-02	+832902-02	+808560-02	+643208-02
+115806-01	+115697-01	+116003-01	+133734-01
+204214-01	+227731-01	+220417-01	+170817-01
+495963-01	+496037-01	+497982-01	+531077-01
+681354-01	+730508-01	+705459-01	+539880-01
+187257+00	+187274+00	+187553+00	+191650+00
+210646+00	+216199+00	+207471+00	+157207+00
+686521+00	+686537+00	+686814+00	+690896+00
+709556+00	+710134+00	+664898+00	+489284+00
+205807+01	+205808+01	+205832+01	+206210+01
+207768+01	+204921+01	+181181+01	+123118+01
+595559+01	+595558+01	+595567+01	+595797+01
+595889+01	+579145+01	+466272+01	+268019+01

CESIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
26	2	+100000+13

+277473-20	+111052-20	+498401-22	+129394-24
+106789-24	+759710-25	+704125-25	+334506-25
+277498-20	+111077-20	+500953-22	+379020-24
+315102-24	+227874-24	+211220-24	+100344-24
+277580-20	+111159-20	+509055-22	+117433-23
+999143-24	+759196-24	+703875-24	+334382-24
+277771-20	+111349-20	+528083-22	+305669-23
+272928-23	+227527-23	+211010-23	+100231-23
+278329-20	+111907-20	+583763-22	+861143-23
+818683-23	+756736-23	+701648-23	+333137-23
+279873-20	+113450-20	+737816-22	+240006-22
+234599-22	+225802-22	+209017-22	+991184-23
+285141-20	+118715-20	+126341-21	+765033-22
+755553-22	+737298-22	+679205-22	+321030-22

ELEMENT	FUNCTION	PHI
26	2	+100000+14

+277473-19	+111052-19	+498402-21	+129449-23
+106821-23	+759710-24	+704124-24	+334506-24
+277499-19	+111078-19	+500964-21	+379917-23
+315618-23	+227882-23	+211222-23	+100343-23
+277583-19	+111161-19	+509178-21	+118556-22
+100573-22	+759531-23	+703987-23	+334379-23
+277784-19	+111361-19	+528955-21	+313828-22
+277902-22	+228171-22	+211240-22	+100229-22
+278398-19	+111971-19	+589014-21	+910968-22
+851792-22	+766543-22	+705222-22	+333108-22
+280164-19	+113726-19	+762011-21	+263304-21
+252163-21	+234860-21	+212338-21	+990920-22
+286703-19	+120228-19	+140374-20	+902242-21
+872421-21	+819492-21	+709349-21	+320747-21

ELEMENT	FUNCTION	PHI
26	2	+300000+14

+832420-19	+333156-19	+149521-20	+388493-23
+320546-23	+227914-23	+211237-23	+100352-23
+832500-19	+333236-19	+150292-20	+114145-22
+947851-23	+683685-23	+633677-23	+301028-23
+832761-19	+333493-19	+152777-20	+357648-22
+302952-22	+228070-22	+211270-22	+100312-22
+833402-19	+334124-19	+158864-20	+957634-22
+844917-22	+688717-22	+635249-22	+300668-22
+835438-19	+336125-19	+178080-20	+286410-21
+266069-21	+236441-21	+213944-21	+999125-22
+841697-19	+342284-19	+237454-20	+876343-21
+833830-21	+764357-21	+658986-21	+297099-21
+867819-19	+368070-19	+487840-20	+336673-20
+324336-20	+299115-20	+232353-20	+960355-21

ELEMENT	FUNCTION	PHI
26	2	+100000+15

+277474-18	+111053-18	+498407-20	+129536-22
+106871-22	+759716-23	+704122-23	+334503-23
+277504-18	+111081-18	+500987-20	+380885-22
+316200-22	+227938-22	+211239-22	+100341-22
+277600-18	+111174-18	+509355-20	+119828-21
+101447-21	+762653-22	+705102-22	+334349-22
+277847-18	+111409-18	+530424-20	+326831-21
+288272-21	+234444-21	+213532-21	+100202-21
+278703-18	+112226-18	+603463-20	+104917-20
+975885-21	+863033-21	+740672-21	+332810-21
+281744-18	+115157-18	+872155-20	+371463-20
+355087-20	+322854-20	+246691-20	+988277-21
+296972-18	+130016-18	+227650-19	+176821-19
+171718-19	+156836-19	+984016-20	+317932-20

ELEMENT	FUNCTION	PHI
26	2	+300000+15

+832432-18	+333165-18	+149525-19	+388660-22
+320643-22	+227917-22	+211235-22	+100349-22
+832543-18	+333266-18	+150305-19	+114345-21
+949228-22	+684179-22	+633828-22	+301004-22
+832913-18	+333600-18	+152863-19	+362148-21
+306831-21	+230861-21	+212272-21	+100285-21
+833921-18	+334507-18	+159702-19	+102893-20
+911876-21	+744806-21	+655776-21	+300426-21
+837919-18	+338155-18	+188434-19	+385644-20
+362598-20	+321678-20	+245273-20	+996452-21
+854560-18	+353812-18	+323305-19	+172165-19
+166631-19	+151236-19	+933909-20	+294731-20
+943748-18	+439772-18	+111161-18	+956080-19
+937507-19	+853890-19	+435326-19	+935364-20

ELEMENT	FUNCTION	PHI
26	2	+100000+16

+277488-17	+111063-17	+498445-19	+129562-21
+106887-21	+759743-22	+704094-22	+334473-22
+277551-17	+111114-17	+501122-19	+381673-21
+316905-21	+228480-21	+211406-21	+100314-21
+277768-17	+111291-17	+510154-19	+123428-20
+104946-20	+793473-21	+716173-21	+334049-21
+278411-17	+111823-17	+538678-19	+396013-20
+356428-20	+295701-20	+235952-20	+999331-21
+281335-17	+114361-17	+707306-19	+204273-19
+195933-19	+175287-19	+106756-19	+329855-20
+294162-17	+126126-17	+164950-18	+113544-18
+111273-18	+101011-18	+496771-19	+962331-20
+349295-17	+177981-17	+611191-18	+556334-18
+548898-18	+499756-18	+222477-18	+291475-19

CESIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
26	3	+100000+13

+108325-22	+976929-23	+592461-24	+282296-27
+162010-27	+627920-30	+108744-37	+000000+00
+108330-22	+976985-23	+593006-24	+798114-27
+458040-27	+177987-29	+171476-32	+860375-37
+108345-22	+977133-23	+594474-24	+218655-26
+125500-26	+517696-29	+116728-30	+585680-35
+108366-22	+977338-23	+596481-24	+408466-26
+234714-26	+154278-28	+236247-29	+118536-33
+108381-22	+977483-23	+597821-24	+535332-26
+311798-26	+110144-27	+365931-28	+183605-32
+108408-22	+977743-23	+600120-24	+756558-26
+476719-26	+330892-27	+340489-27	+170840-31
+108554-22	+979159-23	+613283-24	+204233-25
+156192-25	+842348-26	+312083-26	+156587-30

ELEMENT	FUNCTION	PHI
26	3	+100000+14

+108325-21	+976931-22	+592461-23	+282589-26
+162178-26	+628571-29	+108744-35	+000000+00
+108331-21	+976989-22	+593013-23	+802923-26
+460825-26	+184492-28	+219607-30	+110187-34
+108348-21	+977153-22	+594544-23	+224780-25
+129149-25	+817612-28	+118316-28	+593649-33
+108376-21	+977428-22	+596982-23	+454650-25
+263880-25	+736497-27	+236675-27	+118751-31
+108432-21	+977940-22	+601061-23	+842062-25
+528953-25	+100078-25	+365813-26	+183545-30
+108633-21	+979820-22	+616917-23	+237934-24
+178986-24	+917314-25	+339729-25	+170458-29
+109839-21	+991429-22	+723094-23	+128254-23
+112261-23	+833647-24	+309471-24	+155276-28

ELEMENT	FUNCTION	PHI
26	3	+300000+14

+324975-21	+293080-21	+177739-22	+848550-26
+486986-26	+189482-28	+274388-31	+137673-35
+324996-21	+293099-21	+177906-22	+241805-25
+138797-25	+592035-28	+201824-29	+101265-33
+325057-21	+293156-21	+178379-22	+685804-25
+394915-25	+438738-27	+106607-27	+534896-32
+325179-21	+293267-21	+179213-22	+146782-24
+868980-25	+604339-26	+212955-26	+106849-30
+325528-21	+293573-21	+181344-22	+349832-24
+241828-24	+890212-25	+328706-25	+164927-29
+327011-21	+294938-21	+192371-22	+142625-23
+119846-23	+819718-24	+304164-24	+152613-28
+336577-21	+304105-21	+275207-22	+961623-23
+893362-23	+736057-23	+273385-23	+137170-27

ELEMENT	FUNCTION	PHI
26	3	+100000+15

+108326-20	+976942-21	+592466-22	+283063-25
+162455-25	+639378-28	+363252-30	+182260-34
+108336-20	+977029-21	+593034-22	+808373-25
+464208-25	+240473-27	+225973-28	+113381-32
+108368-20	+977298-21	+594680-22	+232916-24
+135150-24	+369813-26	+118457-26	+594354-31
+108445-20	+977937-21	+598118-22	+550543-24
+345470-24	+646531-25	+236272-25	+118549-29
+108745-20	+980466-21	+613125-22	+198538-23
+159302-23	+979306-24	+363147-24	+182208-28
+110171-20	+993412-21	+713607-22	+118522-22
+109473-22	+893547-23	+331865-23	+166512-27
+119524-20	+108256-20	+150820-21	+906636-22
+876240-22	+766959-22	+284942-22	+142969-26

ELEMENT	FUNCTION	PHI
26	3	+300000+15

+324990-20	+293091-20	+177743-21	+849512-25
+487576-25	+197746-27	+327309-29	+164226-33
+325047-20	+293135-20	+177921-21	+243128-24
+139786-24	+108770-26	+203723-27	+102218-31
+325236-20	+293282-20	+178462-21	+721949-24
+427628-24	+301944-25	+106493-25	+534323-30
+325773-20	+293699-20	+179976-21	+208575-23
+146147-23	+573010-24	+211718-24	+106229-28
+328187-20	+295695-20	+190723-21	+123820-22
+111226-22	+865994-23	+321557-23	+161340-27
+339919-20	+306255-20	+270486-21	+908678-22
+875978-22	+763880-22	+283793-22	+142392-26
+409799-20	+372290-20	+845969-21	+661916-21
+649473-21	+580891-21	+215834-21	+108294-25

ELEMENT	FUNCTION	PHI
26	3	+100000+16

+108343-19	+977060-20	+592512-21	+283278-24
+162617-24	+725197-27	+354227-28	+177732-32
+108393-19	+977423-20	+593192-21	+815404-24
+470775-24	+786332-26	+225348-26	+113068-30
+108566-19	+978689-20	+595530-21	+265538-23
+167104-23	+322086-24	+117777-24	+590944-29
+109098-19	+982671-20	+605993-21	+117928-22
+966200-23	+624625-23	+231696-23	+116253-27
+111602-19	+100311-19	+708961-21	+110374-21
+105545-21	+909433-22	+337850-22	+169515-26
+122842-19	+110286-19	+142743-20	+816515-21
+801255-21	+716757-21	+266316-21	+133623-25
+171680-19	+155218-19	+505937-20	+440959-20
+435248-20	+392524-20	+145850-20	+731798-25

CESIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
26	4	+100000+13

+348179-22	+172565-22	+910801-24	+406064-27
+269676-27	+861380-28	+792990-28	+376723-28
+348187-22	+172573-22	+911592-24	+116289-26
+777284-27	+258276-27	+237879-27	+113008-27
+348210-22	+172596-22	+913859-24	+333904-26
+228266-26	+859806-27	+792824-27	+376583-27
+348251-22	+172637-22	+917854-24	+720989-26
+523877-26	+257706-26	+237874-26	+112881-26
+348328-22	+172713-22	+925368-24	+146423-25
+121026-25	+863034-26	+793811-26	+375182-26
+348530-22	+172913-22	+944903-24	+340728-25
+308826-25	+263478-26	+238767-26	+111628-25
+349272-22	+173647-22	+101680-23	+105599-24
+100096-24	+913465-26	+795724-25	+361547-25

ELEMENT	FUNCTION	PHI
26	4	+100000+14

+348179-21	+172565-21	+910803-23	+406396-26
+269866-26	+861387-27	+792989-27	+376723-27
+348188-21	+172574-21	+911600-23	+116834-25
+780439-26	+258347-26	+237901-26	+113007-26
+348214-21	+172599-21	+913940-23	+340838-25
+232393-25	+863134-26	+794002-26	+376579-26
+348266-21	+172648-21	+918426-23	+773183-25
+556786-25	+264171-25	+240235-25	+112878-25
+348395-21	+172770-21	+929039-23	+180961-24
+145414-24	+961947-25	+830328-25	+375150-25
+348808-21	+173163-21	+963795-23	+522557-24
+455581-24	+355012-24	+272665-24	+111600-24
+350785-21	+175072-21	+113954-22	+225896-23
+207730-23	+174559-23	+110429-23	+361242-24

ELEMENT	FUNCTION	PHI
26	4	+300000+14

+104454-20	+517697-21	+273241-22	+122008-25
+810111-26	+258426-26	+237899-26	+113017-26
+104457-20	+517725-21	+273483-22	+351553-25
+234753-25	+775465-26	+713850-26	+339020-26
+104466-20	+517812-21	+274201-22	+103546-24
+705590-25	+261085-26	+238986-25	+112972-25
+104487-20	+517999-21	+275665-22	+243628-24
+175704-24	+835078-25	+736438-25	+338615-25
+104550-20	+518563-21	+279874-22	+651560-24
+528985-24	+354101-24	+273385-24	+112524-24
+104787-20	+520710-21	+297311-22	+236130-23
+210276-23	+166973-23	+104233-23	+334610-24
+106074-20	+533015-21	+406806-22	+131906-22
+124169-22	+106326-22	+531481-23	+108169-23

ELEMENT	FUNCTION	PHI
26	4	+100000+15

+348182-20	+172567-20	+910810-22	+406933-25
+270179-25	+861500-26	+793022-26	+376719-26
+348197-20	+172580-20	+911630-22	+117450-24
+784252-25	+258962-25	+238121-25	+113004-25
+348245-20	+172621-20	+914115-22	+349981-24
+239117-24	+895072-25	+805780-25	+376546-25
+348367-20	+172723-20	+919763-22	+880388-24
+647795-24	+327770-24	+263798-24	+112849-24
+348826-20	+173110-20	+942701-22	+308304-23
+263796-23	+193830-23	+119254-23	+374831-24
+350766-20	+174848-20	+107197-21	+157580-22
+147327-22	+124542-22	+603090-23	+111317-23
+362347-20	+185755-20	+201385-21	+109056-21
+105624-21	+933537-22	+392030-22	+358198-23

ELEMENT	FUNCTION	PHI
26	4	+300000+15

+104456-19	+517713-20	+273248-21	+122116-24
+810770-25	+258511-25	+237926-25	+113014-25
+104465-19	+517780-20	+273505-21	+353034-24
+235855-24	+780912-25	+715832-25	+338992-25
+104494-19	+518004-20	+274314-21	+107572-23
+741970-24	+289697-24	+249572-24	+112942-24
+104576-19	+518638-20	+276574-21	+312341-23
+241545-23	+140410-23	+947484-24	+338352-24
+104921-19	+521447-20	+290497-21	+163863-22
+149591-22	+121689-22	+593574-23	+112237-23
+106440-19	+534835-20	+384672-21	+108698-21
+105005-21	+924190-22	+385253-22	+332068-23
+114912-19	+613645-20	+104236-20	+760001-21
+746021-21	+669446-21	+262034-21	+105448-22

ELEMENT	FUNCTION	PHI
26	4	+100000+16

+348208-19	+172585-19	+910880-21	+407166-24
+270353-24	+862377-25	+793305-25	+376686-25
+348284-19	+172640-19	+911870-21	+118226-23
+791493-24	+264960-24	+240310-24	+112974-24
+348548-19	+172833-19	+915281-21	+386176-23
+274561-23	+121115-23	+922793-24	+376213-24
+349343-19	+173423-19	+929180-21	+157852-22
+133699-22	+949394-23	+494391-23	+112557-23
+352831-19	+176204-19	+105136-20	+131352-21
+125895-21	+109492-21	+453654-22	+371652-23
+367262-19	+188690-19	+187104-20	+932573-21
+915433-21	+821126-21	+318774-21	+108510-22
+427521-19	+242944-19	+597261-20	+497626-20
+491243-20	+443665-20	+168995-20	+328983-22

CESIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
26	5	+100000+13

+269678-28	+273078-28	+303321-28	+602464-28
+132652-27	+157139-27	+156652-27	+153344-27
+157882-27	+158539-27	+164347-27	+217087-27
+400693-27	+464291-27	+462831-27	+452909-27
+903206-27	+904346-27	+914472-27	+100759-26
+140093-26	+153656-26	+153168-26	+149862-26
+380171-26	+380310-26	+381547-26	+392945-26
+442892-26	+459987-26	+458529-26	+448618-26
+145161-25	+145175-25	+145300-25	+146450-25
+151495-25	+153187-25	+152702-25	+149409-25
+451286-25	+451300-25	+451425-25	+452573-25
+457608-25	+459201-25	+457758-25	+447958-25
+151996-24	+151998-24	+152010-24	+152125-24
+152626-24	+152750-24	+152283-24	+149109-24

ELEMENT	FUNCTION	PHI
26	5	+100000+14

+208727-27	+210647-27	+228898-27	+479282-27
+119476-26	+143962-26	+143475-26	+140168-26
+107863-26	+108280-26	+112139-26	+156955-26
+339166-26	+402764-26	+401304-26	+391383-26
+682129-26	+683027-26	+691192-26	+776337-26
+116826-25	+130388-25	+129902-25	+126596-25
+309111-25	+309226-25	+310267-25	+320867-25
+370674-25	+387769-25	+386310-25	+376400-25
+120841-24	+120852-24	+120957-24	+122028-24
+127058-24	+128751-24	+128266-24	+124972-24
+377076-24	+377088-24	+377193-24	+378262-24
+383283-24	+384875-24	+383433-24	+373636-24
+126300-23	+126301-23	+126312-23	+126418-23
+126917-23	+127043-23	+126576-23	+123405-23

ELEMENT	FUNCTION	PHI
26	5	+300000+14

+468558-27	+471245-27	+501060-27	+115082-26
+327939-26	+401397-26	+399937-26	+390015-26
+235877-26	+236762-26	+245365-26	+367731-26
+912235-26	+110303-25	+109865-25	+106889-25
+169909-25	+170142-25	+172294-25	+196628-25
+313994-25	+354680-25	+353220-25	+343302-25
+818082-25	+818391-25	+821217-25	+851806-25
+100101-24	+105230-24	+104792-24	+101820-24
+325017-24	+325049-24	+325334-24	+328424-24
+343494-24	+348672-24	+347118-24	+337239-24
+101352-23	+101355-23	+101383-23	+101692-23
+103196-23	+103674-23	+103242-23	+100304-23
+334248-23	+334251-23	+334279-23	+334587-23
+336081-23	+336458-23	+335060-23	+325565-23

ELEMENT	FUNCTION	PHI
26	5	+100000+15

+116308-26	+116563-26	+121308-26	+316777-26
+102258-25	+126744-25	+126257-25	+122950-25
+607336-26	+609589-26	+632610-26	+101750-25
+282846-25	+346445-25	+344984-25	+335063-25
+498884-25	+499591-25	+506198-25	+585012-25
+975826-25	+111145-24	+110658-24	+107352-24
+251380-24	+251475-24	+252361-24	+262327-24
+312023-24	+329118-24	+327660-24	+317752-24
+100548-23	+100557-23	+100647-23	+101654-23
+106673-23	+108366-23	+107881-23	+104591-23
+309162-23	+309172-23	+309261-23	+310267-23
+315277-23	+316870-23	+315431-23	+305660-23
+963160-23	+963170-23	+963259-23	+964261-23
+969237-23	+970498-23	+965871-23	+934438-23

ELEMENT	FUNCTION	PHI
26	5	+300000+15

+301559-26	+301639-26	+310317-26	+874139-26
+298758-25	+372216-25	+370756-25	+360834-25
+162830-25	+163433-25	+169747-25	+282808-25
+825674-25	+101647-24	+101209-24	+982327-25
+142360-24	+142565-24	+144488-24	+167892-24
+285093-24	+325779-24	+324320-24	+314404-24
+728118-24	+728398-24	+730994-24	+760653-24
+909697-24	+960983-24	+956611-24	+926907-24
+287827-23	+287855-23	+288118-23	+291114-23
+306169-23	+311246-23	+309796-23	+299944-23
+845060-23	+845089-23	+845351-23	+848344-23
+863369-23	+868151-23	+863862-23	+834723-23
+226488-22	+226491-22	+226517-22	+226815-22
+228308-22	+228689-22	+227328-22	+218081-22

ELEMENT	FUNCTION	PHI
26	5	+100000+16

+943565-26	+942974-26	+964936-26	+281606-25
+985587-25	+123045-24	+122558-24	+119251-24
+517934-25	+519851-25	+540161-25	+914034-25
+272306-24	+335904-24	+334444-24	+324526-24
+463242-24	+463914-24	+470250-24	+547962-24
+938582-24	+107420-23	+106934-23	+103631-23
+235207-23	+235300-23	+236158-23	+246014-23
+295690-23	+312786-23	+311331-23	+301451-23
+880044-23	+880138-23	+881006-23	+890964-23
+941139-23	+958069-23	+953269-23	+920657-23
+222318-22	+222327-22	+222414-22	+223408-22
+228416-22	+230013-22	+228613-22	+219100-22
+410699-22	+410708-22	+410793-22	+411785-22
+416764-22	+418065-22	+413824-22	+385013-22

CESIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
26	6	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
26	6	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
26	6	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
26	6	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
26	6	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
26	6	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

CESIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI	
26	7	+100000+13	
+255685-10	+230592-10	+139971-11	+195794-14
+112366-14	+435511-17	+915740-25	+459470-29
+255723-10	+230630-10	+140349-11	+553555-14
+317687-14	+123516-16	+144401-19	+724525-24
+255826-10	+230733-10	+141367-11	+151659-13
+870495-14	+363728-16	+982973-18	+493204-22
+255967-10	+230873-10	+142760-11	+283408-13
+162897-13	+116447-15	+198944-16	+998197-21
+256065-10	+230971-10	+143703-11	+372925-13
+217871-13	+910203-15	+308152-15	+154614-19
+256248-10	+231150-10	+145427-11	+539907-13
+345668-13	+781746-14	+286727-14	+143865-18
+257319-10	+232211-10	+155779-11	+155561-12
+122104-12	+708979-13	+262806-13	+131862-17

ELEMENT	FUNCTION	PHI	
26	7	+100000+14	
+255685-09	+230592-09	+139971-10	+195997-13
+112483-13	+435962-16	+915741-23	+459470-27
+255725-09	+230631-09	+140353-10	+556899-13
+319628-13	+128837-15	+184932-17	+927892-22
+255835-09	+230740-09	+141414-10	+155955-12
+896270-13	+614370-15	+996346-16	+499914-20
+256016-09	+230918-09	+143109-10	+316390-12
+184066-12	+605421-14	+199305-14	+100001-18
+256349-09	+231239-09	+146072-10	+600340-12
+383014-12	+840338-13	+308052-13	+154564-17
+257681-09	+232540-09	+158369-10	+180168-11
+139133-11	+772024-12	+286087-12	+143543-16
+266602-09	+241356-09	+244124-10	+102747-10
+915192-11	+701901-11	+260607-11	+130759-15

ELEMENT	FUNCTION	PHI	
26	7	+300000+14	
+767059-09	+691779-09	+419916-10	+588536-13
+337764-13	+131530-15	+231063-18	+115935-22
+767184-09	+691901-09	+421069-10	+167720-12
+962755-13	+418690-15	+169957-16	+852754-21
+767545-09	+692251-09	+424336-10	+476133-12
+274374-12	+346911-14	+897740-15	+450438-19
+768221-09	+692899-09	+430162-10	+102754-11
+612103-12	+504278-13	+179330-13	+899783-18
+770142-09	+694721-09	+446149-10	+257286-11
+182232-11	+748821-12	+276804-12	+138886-16
+779860-09	+704158-09	+534251-10	+112478-10
+965456-11	+690118-11	+256138-11	+128516-15
+851052-09	+774405-09	+121558-09	+788810-10
+740265-10	+619789-10	+230218-10	+115511-14

ELEMENT	FUNCTION	PHI	
26	7	+100000+15	
+255689-08	+230595-08	+139973-09	+196328-12
+112676-12	+444910-15	+305896-17	+153482-21
+255738-08	+230641-08	+140361-09	+560770-12
+322064-12	+175819-14	+190293-15	+954787-20
+255887-08	+230779-08	+141489-09	+162073-11
+942598-12	+303843-13	+997530-14	+500507-18
+256233-08	+231092-08	+143920-09	+392375-11
+250037-11	+542862-12	+198965-12	+998302-17
+257760-08	+232510-08	+155655-09	+153887-10
+126515-10	+824381-11	+305808-11	+153438-15
+266992-08	+241432-08	+238004-09	+969959-10
+905740-10	+752397-10	+279465-10	+140221-14
+336496-08	+309898-08	+899666-09	+755823-09
+733490-09	+645842-09	+239950-09	+120394-13

ELEMENT	FUNCTION	PHI	
26	7	+300000+15	
+767095-08	+691804-08	+419926-09	+589217-12
+338186-12	+138461-14	+275628-16	+138295-20
+767305-08	+691985-08	+421111-09	+168719-11
+970420-12	+835839-14	+171556-14	+860778-19
+767989-08	+692570-08	+424744-09	+505474-11
+301293-11	+251989-12	+896778-13	+449956-17
+769992-08	+694289-08	+435656-09	+154099-10
+110708-10	+482054-11	+178289-11	+894558-16
+781784-08	+705094-08	+521909-09	+100211-09
+913350-10	+729167-10	+270785-10	+135865-14
+856736-08	+777281-08	+118267-08	+756727-09
+732801-09	+643248-09	+238983-09	+119909-13
+136713-07	+127859-07	+599490-08	+555289-08
+545711-08	+489166-08	+181754-08	+911947-13

ELEMENT	FUNCTION	PHI	
26	7	+100000+16	
+255729-07	+230623-07	+139984-08	+196491-11
+112803-11	+517140-14	+298296-15	+149669-19
+255872-07	+230734-07	+140402-08	+566550-11
+327513-11	+635458-13	+189766-13	+952146-18
+256375-07	+231127-07	+141887-08	+189420-10
+121097-10	+270470-11	+991806-12	+497636-16
+258153-07	+232590-07	+149588-08	+921189-10
+772386-10	+525839-10	+195112-10	+978969-15
+269995-07	+243346-07	+233187-08	+916110-09
+881132-09	+765808-09	+284505-09	+142749-13
+339269-07	+309633-07	+830138-08	+685015-08
+673262-08	+603578-08	+224266-08	+112525-12
+672360-07	+633503-07	+386530-07	+370846-07
+366244-07	+330545-07	+122821-07	+616250-12

CESIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
26	8	+100000+13

+336400-10	+303383-10	+183900-11	+266712-25
+132084-25	+119636-25	+444534-26	+223044-30
+336400-10	+303383-10	+183900-11	+210354-20
+208280-20	+188648-20	+700973-21	+351711-25
+336401-10	+303383-10	+183900-11	+143193-18
+141782-18	+128418-18	+477171-19	+239419-23
+336402-10	+303384-10	+183901-11	+289808-17
+286953-17	+259906-17	+965749-18	+484562-22
+336407-10	+303388-10	+183906-11	+448894-16
+444472-16	+402577-16	+149588-16	+750554-21
+336424-10	+303401-10	+183947-11	+417684-15
+413870-15	+374588-15	+139188-15	+698372-20
+336504-10	+303467-10	+184301-11	+382838-14
+379066-14	+343337-14	+127676-14	+640108-19

ELEMENT	FUNCTION	PHI
26	8	+100000+14

+336401-09	+303383-09	+183900-10	+146730-23
+132085-23	+119636-23	+444535-24	+223044-28
+336402-09	+303384-09	+183901-10	+269396-18
+266742-18	+241600-18	+897729-19	+450433-23
+336407-09	+303388-09	+183902-10	+145141-16
+143711-16	+130165-16	+483663-17	+242677-21
+336421-09	+303397-09	+183909-10	+290333-15
+287473-15	+260377-15	+967499-16	+485440-20
+336473-09	+303435-09	+183963-10	+448749-14
+444328-14	+402447-14	+149540-14	+750312-19
+336644-09	+303566-09	+184372-10	+416751-13
+412646-13	+373761-13	+138877-13	+696811-18
+337436-09	+304220-09	+187876-10	+379634-12
+375894-12	+340464-12	+126508-12	+634752-17

ELEMENT	FUNCTION	PHI
26	8	+300000+14

+100921-08	+910163-09	+551702-10	+336600-19
+333280-19	+301866-19	+112166-19	+562792-24
+100922-08	+910161-09	+551705-10	+247581-17
+245142-17	+222036-17	+826034-18	+413958-22
+100926-08	+910191-09	+551718-10	+130776-15
+129488-15	+117283-15	+436796-16	+218659-20
+100939-08	+910279-09	+551776-10	+261235-14
+258662-14	+234281-14	+870534-15	+436788-19
+100985-08	+910616-09	+552268-10	+403229-13
+399257-13	+361624-13	+134371-13	+674203-18
+101140-08	+911792-09	+555924-10	+373123-12
+369447-12	+334624-12	+124339-12	+623865-17
+101845-08	+917610-09	+586849-10	+335366-11
+332062-11	+300763-11	+111756-11	+560735-16

ELEMENT	FUNCTION	PHI
26	8	+100000+15

+336406-08	+303387-08	+183902-09	+445609-18
+441217-18	+399630-18	+148493-18	+745059-23
+336420-08	+303397-08	+183905-09	+277205-16
+274474-16	+248603-16	+923750-17	+463489-21
+336468-08	+303430-08	+183920-09	+145313-14
+143882-14	+130320-14	+484238-15	+242965-19
+336607-08	+303528-08	+183984-09	+289839-13
+286983-13	+259933-13	+965851-14	+484613-18
+337124-08	+303901-08	+184528-09	+445479-12
+441090-12	+399614-12	+148450-12	+744845-17
+338828-08	+305198-08	+188516-09	+407104-11
+403094-11	+368100-11	+135662-11	+680682-16
+346403-08	+311410-08	+220631-09	+349543-10
+346100-10	+313477-10	+116481-10	+584439-15

ELEMENT	FUNCTION	PHI
26	8	+300000+15

+100925-07	+910185-08	+551715-09	+401516-17
+397560-17	+360087-17	+133800-17	+671337-22
+100938-07	+910271-08	+551748-09	+249911-15
+247449-15	+224125-15	+832798-16	+417854-20
+100981-07	+910572-08	+551876-09	+130636-13
+129349-13	+117157-13	+435329-14	+218425-18
+101106-07	+911452-08	+552452-09	+259719-12
+257160-12	+232921-12	+865479-13	+434252-17
+101570-07	+914796-08	+557285-09	+394460-11
+390574-11	+353760-11	+131449-11	+659541-16
+103076-07	+926223-08	+591391-09	+348134-10
+344704-10	+312213-10	+116011-10	+582083-15
+109310-07	+976617-08	+832101-09	+264767-09
+262169-09	+237448-09	+882303-10	+442693-14

ELEMENT	FUNCTION	PHI
26	8	+100000+16

+336458-07	+303423-07	+183916-08	+434537-16
+430256-16	+389701-16	+144804-16	+726549-21
+336595-07	+303519-07	+183953-08	+276438-14
+273715-14	+247915-14	+921195-15	+462207-19
+337075-07	+303853-07	+184095-08	+144479-12
+143056-12	+129572-12	+481459-13	+241571-17
+338463-07	+304828-07	+184730-08	+284225-11
+281426-11	+254899-11	+947146-12	+475227-16
+343553-07	+308489-07	+189853-08	+414446-10
+410364-10	+371684-10	+138109-10	+692958-15
+359345-07	+320353-07	+221871-08	+326694-09
+323476-09	+292986-09	+108867-09	+546236-14
+413917-07	+362796-07	+378958-08	+178917-08
+177154-08	+160456-08	+596217-09	+299150-13

CESIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
26	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
26	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
26	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
26	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
26	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
26	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

BARIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
27	1	+100000+13

+708964-05	+706946-05	+695340-05	+669150-05
+526076-05	+340250-05	+363922-05	+529290-05
+202709-04	+202467-04	+200945-04	+194816-04
+154455-04	+102072-04	+109185-04	+158791-04
+609943-04	+609594-04	+607109-04	+591654-04
+482055-04	+340222-04	+364043-04	+529349-04
+150686-03	+150637-03	+150264-03	+147511-03
+127600-03	+102092-03	+109294-03	+158845-03
+396478-03	+396424-03	+396003-03	+392791-03
+369509-03	+341107-03	+365262-03	+529967-03
+108154-02	+108148-02	+108107-02	+107790-02
+105508-02	+103165-02	+110388-02	+159401-02
+356745-02	+356740-02	+356700-02	+356401-02
+354293-02	+353664-02	+377210-02	+536031-02

ELEMENT	FUNCTION	PHI
27	1	+100000+14

+708964-04	+706947-04	+695340-04	+669150-04
+526076-04	+340250-04	+363923-04	+529290-04
+202709-03	+202467-03	+200945-03	+194817-03
+154455-03	+102072-03	+109186-03	+158792-03
+609946-03	+609597-03	+607112-03	+591658-03
+482062-03	+340234-03	+364061-03	+529369-03
+150691-02	+150642-02	+150269-02	+147517-02
+127608-02	+102104-02	+109320-02	+158878-02
+396577-02	+396523-02	+396103-02	+392892-02
+369624-02	+341269-02	+365629-02	+530441-02
+108283-01	+108278-01	+108236-01	+107920-01
+105645-01	+103338-01	+110752-01	+159865-01
+359046-01	+359041-01	+359002-01	+358707-01
+356642-01	+356315-01	+381590-01	+541304-01

ELEMENT	FUNCTION	PHI
27	1	+300000+14

+212689-03	+212084-03	+208602-03	+200745-03
+157823-03	+102075-03	+109177-03	+158787-03
+608130-03	+607403-03	+602836-03	+584451-03
+463367-03	+306219-03	+327560-03	+476378-03
+182985-02	+182881-02	+182135-02	+177499-02
+144621-02	+102074-02	+109226-02	+158820-02
+452091-02	+451945-02	+450826-02	+442571-02
+382847-02	+306366-02	+328089-02	+476808-02
+119005-01	+118989-01	+118863-01	+117900-01
+110924-01	+102442-01	+109886-01	+159401-01
+325330-01	+325314-01	+325189-01	+324245-01
+317447-01	+310741-01	+334240-01	+482244-01
+108770+00	+108769+00	+108757+00	+108671+00
+108073+00	+108163+00	+116867+00	+165358+00

ELEMENT	FUNCTION	PHI
27	1	+100000+15

+708965-03	+706948-03	+695342-03	+669152-03
+526078-03	+340252-03	+363925-03	+529291-03
+202711-02	+202469-02	+200947-02	+194818-02
+154457-02	+102075-02	+109189-02	+158795-02
+609968-02	+609618-02	+607134-02	+591680-02
+482087-02	+340273-02	+364165-02	+529498-02
+150714-01	+150665-01	+150292-01	+147541-01
+127635-01	+102156-01	+109503-01	+159126-01
+396958-01	+396904-01	+396484-01	+393278-01
+370053-01	+342047-01	+368438-01	+534315-01
+108887+00	+108882+00	+108841+00	+108529+00
+106289+00	+104293+00	+113559+00	+163648+00
+372960+00	+372956+00	+372919+00	+372654+00
+370873+00	+373179+00	+414211+00	+581966+00

ELEMENT	FUNCTION	PHI
27	1	+300000+15

+212696-02	+212090-02	+208609-02	+200752-02
+157829-02	+102082-02	+109184-02	+158793-02
+608134-02	+607408-02	+602841-02	+584457-02
+463372-02	+306227-02	+327578-02	+476390-02
+183004-01	+182899-01	+182154-01	+177518-01
+144641-01	+102104-01	+109315-01	+158931-01
+452278-01	+452132-01	+451014-01	+442761-01
+383060-01	+306768-01	+329681-01	+478986-01
+119306+00	+119290+00	+119164+00	+118205+00
+111260+00	+103079+00	+112318+00	+162773+00
+330163+00	+330148+00	+330026+00	+329110+00
+322591+00	+318509+00	+357759+00	+514001+00
+119259+01	+119258+01	+119248+01	+119183+01
+118790+01	+120823+01	+141191+01	+195447+01

ELEMENT	FUNCTION	PHI
27	1	+100000+16

+708977-02	+706960-02	+695356-02	+669166-02
+526092-02	+340267-02	+363939-02	+529291-02
+202727-01	+202485-01	+200963-01	+194835-01
+154474-01	+102094-01	+109219-01	+158818-01
+610167-01	+609818-01	+607335-01	+591883-01
+482302-01	+340596-01	+365132-01	+530710-01
+150916+00	+150868+00	+150496+00	+147746+00
+127864+00	+102599+00	+111234+00	+161498+00
+400138+00	+400085+00	+399670+00	+396497+00
+373601+00	+348711+00	+393837+00	+569451+00
+113623+01	+113618+01	+113580+01	+113293+01
+111307+01	+111717+01	+135446+01	+192909+01
+449725+01	+449722+01	+449699+01	+449560+01
+449039+01	+463347+01	+576208+01	+774461+01

BARIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
27	2	+100000+13

+357138-20	+156598-20	+334175-21	+564469-22
+321342-22	+183363-24	+647795-25	+307746-25
+368084-20	+167538-20	+442957-21	+159268-21
+906750-22	+529782-24	+194322-24	+923161-25
+397204-20	+196639-20	+732332-21	+432792-21
+246456-21	+156810-23	+647554-24	+307631-24
+435047-20	+234459-20	+110841-20	+788316-21
+449268-21	+367498-23	+194105-23	+922129-24
+450406-20	+249808-20	+126107-20	+932862-21
+533589-21	+881523-23	+645144-23	+306487-23
+451977-20	+251379-20	+127677-20	+948459-21
+548418-21	+225470-22	+191950-22	+911890-23
+456645-20	+256047-20	+132345-20	+995134-21
+595059-21	+688423-22	+621697-22	+295347-22

ELEMENT	FUNCTION	PHI
27	2	+100000+14

+357138-19	+156598-19	+334175-20	+564469-21
+321342-21	+183362-23	+647795-24	+307746-24
+368084-19	+167538-19	+442957-20	+159268-20
+906750-21	+529781-23	+194322-23	+923159-24
+397204-19	+196639-19	+732332-20	+432792-20
+246456-20	+156810-22	+647548-23	+307628-23
+435047-19	+234459-19	+110841-19	+788316-20
+449268-20	+367493-22	+194100-22	+922104-23
+450406-19	+249808-19	+126107-19	+932862-20
+533588-20	+881461-22	+645086-22	+306459-22
+451976-19	+251378-19	+127676-19	+948453-20
+548412-20	+225414-21	+191898-21	+911645-22
+456639-19	+256041-19	+132339-19	+995075-20
+594999-20	+687829-21	+621145-21	+295085-21

ELEMENT	FUNCTION	PHI
27	2	+300000+14

+107141-18	+469794-19	+100252-19	+169341-20
+964026-21	+550087-23	+194338-23	+923235-24
+110425-18	+502613-19	+132887-19	+477803-20
+272025-20	+158934-22	+582962-23	+276946-23
+119161-18	+589916-19	+219700-19	+129838-19
+739369-20	+470425-22	+194260-22	+922867-23
+130514-18	+703377-19	+332524-19	+236495-19
+134780-19	+110244-21	+582265-22	+276615-22
+135122-18	+749423-19	+378319-19	+279858-19
+160076-19	+264397-21	+193487-21	+919193-22
+135592-18	+754131-19	+383024-19	+284572-19
+164520-19	+675873-21	+575351-21	+273330-21
+136988-18	+768083-19	+396976-19	+298483-19
+178460-19	+205954-20	+185977-20	+883513-21

ELEMENT	FUNCTION	PHI
27	2	+100000+15

+357138-18	+156598-18	+334174-19	+564469-20
+321342-20	+183362-22	+647789-23	+307743-23
+368084-18	+167538-18	+442957-19	+159268-19
+906750-20	+529776-22	+194317-22	+923134-23
+397203-18	+196639-18	+732331-19	+432792-19
+246456-19	+156804-21	+647490-22	+307601-22
+435047-18	+234459-18	+110841-18	+788315-19
+449267-19	+367436-21	+194048-21	+921855-22
+450405-18	+249807-18	+126106-18	+932855-19
+533582-19	+880837-21	+644507-21	+306184-21
+451970-18	+251372-18	+127670-18	+948397-19
+548356-19	+224860-20	+191383-20	+909198-21
+456579-18	+255981-18	+132279-18	+994480-19
+594405-19	+681927-20	+615667-20	+292483-20

ELEMENT	FUNCTION	PHI
27	2	+300000+15

+107141-17	+469792-18	+100252-18	+169341-19
+964026-20	+550081-22	+194333-22	+923210-23
+110425-17	+502611-18	+132887-18	+477803-19
+272025-19	+158929-21	+582915-22	+276924-22
+119161-17	+589914-18	+219699-18	+129838-18
+739368-19	+470369-21	+194208-21	+922618-22
+130514-17	+703374-18	+332523-18	+236494-18
+134780-18	+110193-20	+581794-21	+276391-21
+135121-17	+749415-18	+378313-18	+279852-18
+160070-18	+263836-20	+192967-20	+916720-21
+135587-17	+754079-18	+382974-18	+284482-18
+164470-18	+670902-20	+570736-20	+271138-20
+136935-17	+767553-18	+396447-18	+297955-18
+177932-18	+200718-19	+181117-19	+860425-20

ELEMENT	FUNCTION	PHI
27	2	+100000+16

+357135-17	+156596-17	+334168-18	+564469-19
+321342-19	+183356-21	+647731-22	+307715-22
+368082-17	+167535-17	+442950-18	+159268-18
+906749-19	+529719-21	+194264-21	+922885-22
+397201-17	+196636-17	+732324-18	+432792-18
+246456-18	+156741-20	+646908-21	+307324-21
+435044-17	+234456-17	+110840-17	+788310-18
+449262-18	+366873-20	+193525-20	+919373-21
+450396-17	+249799-17	+126099-17	+932793-18
+533519-18	+874636-20	+638751-20	+303449-20
+451913-17	+251315-17	+127615-17	+947848-18
+547808-18	+219420-19	+186334-19	+885209-20
+456019-17	+255421-17	+131720-17	+988901-18
+588830-18	+626597-19	+564305-19	+268082-19

BARIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
27	3	+100000+13

+220299-23	+209326-23	+698866-24	+794742-25
+453186-25	+432972-27	+253807-27	+120575-27
+235712-23	+224730-23	+852036-24	+224270-24
+127910-24	+127035-26	+761357-27	+361696-27
+276742-23	+265734-23	+125979-23	+609753-24
+347986-24	+395606-26	+253712-26	+120530-26
+330258-23	+319217-23	+179163-23	+111272-23
+636423-24	+104178-25	+760506-26	+361291-26
+353064-23	+342010-23	+201839-23	+132809-23
+767179-24	+298503-25	+252768-25	+120082-25
+358750-23	+347696-23	+207523-23	+138479-23
+822771-24	+836426-25	+752062-25	+357279-25
+377039-23	+365985-23	+225813-23	+156766-23
+100551-23	+265028-24	+243581-24	+115717-24

ELEMENT	FUNCTION	PHI
27	3	+100000+14

+220299-22	+209326-22	+698866-23	+794742-24
+453186-24	+432971-26	+253807-26	+120575-26
+235712-22	+224730-22	+852036-23	+224270-23
+127910-23	+127034-25	+761356-26	+361695-26
+276742-22	+265734-22	+125979-22	+609753-23
+347986-23	+395603-25	+253710-25	+120529-25
+330258-22	+319217-22	+179163-22	+111272-22
+636423-23	+104176-24	+760486-25	+361281-25
+353064-22	+342010-22	+201839-22	+132809-22
+767177-23	+298479-24	+252746-24	+120071-24
+358748-22	+347694-22	+207521-22	+138476-22
+822749-23	+836209-24	+751859-24	+357183-24
+377016-22	+365962-22	+225789-22	+156743-22
+100528-22	+264796-23	+243365-23	+115615-23

ELEMENT	FUNCTION	PHI
27	3	+300000+14

+660895-22	+627978-22	+209660-22	+238423-23
+135956-23	+129891-25	+761418-26	+361725-26
+707135-22	+674189-22	+255611-22	+672810-23
+383729-23	+381102-25	+228405-25	+108508-25
+830225-22	+797203-22	+377935-22	+182926-22
+104396-22	+118679-24	+761115-25	+361580-25
+990773-22	+957650-22	+537490-22	+333816-22
+190927-22	+312513-24	+228132-24	+108378-24
+105919-21	+102603-21	+605515-22	+398425-22
+230151-22	+895273-24	+758085-24	+360141-24
+107623-21	+104307-21	+622549-22	+415414-22
+246810-22	+250717-23	+225423-23	+107091-23
+113089-21	+109773-21	+677211-22	+470072-22
+301427-22	+792838-23	+728659-23	+346161-23

ELEMENT	FUNCTION	PHI
27	3	+100000+15

+220298-21	+209326-21	+698864-22	+794742-23
+453186-23	+432969-25	+253804-25	+120574-25
+235711-21	+224729-21	+852035-22	+224270-22
+127910-22	+127032-24	+761335-25	+361685-25
+276741-21	+265734-21	+125978-21	+609752-22
+347986-22	+396579-24	+253687-24	+120518-24
+330257-21	+319216-21	+179163-21	+111272-21
+636421-22	+104154-23	+760281-24	+361184-24
+353061-21	+342007-21	+201836-21	+132806-21
+767152-22	+298234-23	+252519-23	+119963-23
+358726-21	+347672-21	+207499-21	+138454-21
+822530-22	+834035-23	+749842-23	+356225-23
+376782-21	+365728-21	+225556-21	+156510-21
+100295-21	+262483-22	+241219-22	+114595-22

ELEMENT	FUNCTION	PHI
27	3	+300000+15

+660890-21	+627974-21	+209658-21	+238423-22
+135956-22	+129889-24	+761398-25	+361715-25
+707130-21	+674185-21	+255609-21	+672810-22
+383729-22	+381082-24	+228387-24	+108499-24
+830220-21	+797198-21	+377934-21	+182926-21
+104396-21	+118657-23	+760909-24	+361483-24
+990766-21	+957644-21	+537486-21	+333814-21
+190925-21	+312314-23	+227947-23	+108290-23
+105916-20	+102600-20	+605492-21	+398403-21
+230129-21	+893075-23	+756045-23	+359172-23
+107603-20	+104287-20	+622351-21	+415218-21
+246614-21	+248770-22	+223615-22	+106232-22
+112882-20	+109566-20	+675141-21	+468004-21
+299361-21	+772325-22	+709617-22	+337116-22

ELEMENT	FUNCTION	PHI
27	3	+100000+16

+220292-20	+209321-20	+698850-21	+794742-22
+453186-22	+432944-24	+253782-24	+120563-24
+235706-20	+224724-20	+852020-21	+224270-21
+127909-21	+127010-23	+761130-24	+361587-24
+276735-20	+265729-20	+125977-20	+609750-21
+347984-21	+396533-23	+253459-23	+120410-23
+330249-20	+319209-20	+179159-20	+111270-20
+636399-21	+103933-22	+758233-23	+360211-23
+353031-20	+341978-20	+201810-20	+132782-20
+766907-21	+295805-22	+250263-22	+118892-22
+358505-20	+347452-20	+207283-20	+138240-20
+820383-21	+812722-22	+730057-22	+346826-22
+374591-20	+363537-20	+223368-20	+154324-20
+981107-21	+240805-21	+221095-21	+105035-21

BARIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
27	4	+100000+13

+193548-22	+660086-23	+115786-23	+169030-24
+962535-25	+613394-27	+253807-27	+120575-27
+196826-22	+692845-23	+148361-23	+476938-24
+271616-24	+177938-26	+761357-27	+361696-27
+205547-22	+780000-23	+235026-23	+129614-23
+738376-24	+533891-26	+253712-26	+120530-26
+216888-22	+893338-23	+347730-23	+236165-23
+134676-23	+129340-25	+760506-26	+361291-26
+221531-22	+939736-23	+393877-23	+279885-23
+160369-23	+328134-25	+252768-25	+120082-25
+222129-22	+945718-23	+399856-23	+285833-23
+166086-23	+866114-25	+752062-25	+357279-25
+223958-22	+964007-23	+418145-23	+304121-23
+184360-23	+267997-24	+243581-24	+115717-24

ELEMENT	FUNCTION	PHI
27	4	+100000+14

+193548-21	+660086-22	+115786-22	+169030-23
+962535-24	+613394-26	+253807-26	+120575-26
+196826-21	+692845-22	+148361-22	+476938-23
+271616-23	+177938-25	+761356-26	+361695-26
+205547-21	+780000-22	+235026-22	+129614-22
+738376-23	+533888-25	+253710-25	+120529-25
+216888-21	+893338-22	+347730-22	+236165-22
+134676-22	+129338-24	+760486-25	+361281-25
+221531-21	+939735-22	+393877-22	+279885-22
+160368-22	+328110-24	+252746-24	+120071-24
+222129-21	+945716-22	+399854-22	+285831-22
+166084-22	+865896-24	+751859-24	+357183-24
+223955-21	+963984-22	+418122-22	+304098-22
+184337-22	+267764-23	+243365-23	+115615-23

ELEMENT	FUNCTION	PHI
27	4	+300000+14

+580645-21	+198026-21	+347357-22	+507091-23
+288760-23	+184018-25	+761418-26	+361725-26
+590479-21	+207853-21	+445083-22	+143081-22
+814847-23	+533813-25	+228405-25	+108508-25
+616641-21	+234000-21	+705078-22	+388843-22
+221513-22	+160165-24	+761115-25	+361580-25
+650664-21	+268001-21	+104319-21	+708494-22
+404027-22	+387998-24	+228132-24	+108378-24
+664591-21	+281920-21	+118163-21	+839653-22
+481103-22	+984166-24	+758085-24	+360141-24
+666384-21	+283713-21	+119955-21	+857479-22
+498238-22	+259624-23	+225423-23	+107091-23
+671851-21	+289179-21	+125421-21	+912137-22
+552855-22	+801744-23	+728659-23	+346161-23

ELEMENT	FUNCTION	PHI
27	4	+100000+15

+193548-20	+660085-21	+115786-21	+169030-22
+962535-23	+613392-25	+253804-25	+120574-25
+196826-20	+692844-21	+148361-21	+476938-22
+271616-22	+177936-24	+761335-25	+361685-25
+205547-20	+779999-21	+235026-21	+129614-21
+738376-22	+533864-24	+253687-24	+120518-24
+216888-20	+893337-21	+347729-21	+236164-21
+134676-21	+129316-23	+760281-24	+361184-24
+221530-20	+939732-21	+393874-21	+279882-21
+160366-21	+327865-23	+252519-23	+119963-23
+222126-20	+945693-21	+399832-21	+285809-21
+166062-21	+863722-23	+749842-23	+356225-23
+223932-20	+963750-21	+417889-21	+303865-21
+184104-21	+265452-22	+241219-22	+114595-22

ELEMENT	FUNCTION	PHI
27	4	+300000+15

+580644-20	+198025-20	+347355-21	+507091-22
+288760-22	+184016-24	+761398-25	+361715-25
+590478-20	+207853-20	+445081-21	+143081-21
+814847-22	+533793-24	+228387-24	+108499-24
+616640-20	+233999-20	+705076-21	+388843-21
+221513-21	+160143-23	+760909-24	+361483-24
+650663-20	+268000-20	+104319-20	+708492-21
+404025-21	+387800-23	+227947-23	+108290-23
+664588-20	+281917-20	+118160-20	+839631-21
+481081-21	+981968-23	+756045-23	+359172-23
+666364-20	+283693-20	+119935-20	+857283-21
+498041-21	+257676-22	+223615-22	+106232-22
+671643-20	+288972-20	+125214-20	+910069-21
+550788-21	+781232-22	+709617-22	+337116-22

ELEMENT	FUNCTION	PHI
27	4	+100000+16

+193547-19	+660077-20	+115783-20	+169030-21
+962534-22	+613367-24	+253782-24	+120563-24
+196825-19	+692837-20	+148358-20	+476938-21
+271615-21	+177914-23	+761130-24	+361587-24
+205546-19	+779991-20	+235023-20	+129614-20
+738374-21	+533618-23	+253459-23	+120410-23
+216887-19	+893327-20	+347725-20	+236162-20
+134673-20	+129095-22	+758233-23	+360211-23
+221527-19	+939700-20	+393847-20	+279858-20
+160341-20	+325436-22	+250263-22	+118892-22
+222104-19	+945470-20	+399615-20	+285594-20
+165847-20	+842409-22	+730057-22	+346826-22
+223713-19	+961556-20	+415700-20	+301679-20
+181920-20	+243773-21	+221095-21	+105035-21

BARIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
27	5	+100000+13

+321652-29	+318551-29	+258194-29	+228972-29
+230273-29	+242769-29	+362045-29	+117235-28
+779742-29	+776644-29	+716313-29	+687353-29
+691248-29	+728720-29	+108652-28	+351722-28
+238763-28	+238454-28	+232430-28	+229625-28
+230914-28	+243389-28	+362622-28	+117262-27
+702004-28	+701698-28	+695700-28	+693149-28
+696965-28	+734299-28	+109173-27	+351973-27
+236722-27	+236692-27	+236101-27	+235933-27
+237186-27	+249580-27	+368413-27	+117543-26
+749636-27	+749609-27	+749042-27	+749121-27
+752837-27	+789736-27	+114359-26	+354487-26
+296811-26	+296810-26	+296761-26	+296853-26
+298059-26	+310049-26	+424912-26	+120280-25

ELEMENT	FUNCTION	PHI
27	5	+100000+14

+321652-28	+318551-28	+258194-28	+228972-28
+230273-28	+242769-28	+362045-28	+117235-27
+779743-28	+776645-28	+716314-28	+687354-28
+691250-28	+728723-28	+108652-27	+351722-27
+238765-27	+238456-27	+232432-27	+229627-27
+230917-27	+243396-27	+362641-27	+117264-26
+702033-27	+701727-27	+695729-27	+693180-27
+697008-27	+734396-27	+109208-26	+352018-26
+236786-26	+236756-26	+236165-26	+235999-26
+237263-26	+249729-26	+368966-26	+117615-25
+750773-26	+750746-26	+750180-26	+750268-26
+754064-26	+791607-26	+114921-25	+355211-25
+299629-25	+299628-25	+299580-25	+299678-25
+300949-25	+313514-25	+431773-25	+121104-24

ELEMENT	FUNCTION	PHI
27	5	+300000+14

+964958-28	+955655-28	+774583-28	+686917-28
+690821-28	+728308-28	+108614-27	+351703-27
+233924-27	+232994-27	+214895-27	+206207-27
+207376-27	+218619-27	+325960-27	+105517-26
+716305-27	+715379-27	+697307-27	+688893-27
+692767-27	+730219-27	+108804-26	+351804-26
+210623-26	+210531-26	+208732-26	+207968-26
+209120-26	+220367-26	+327845-26	+105633-25
+710651-26	+710562-26	+708790-26	+708296-26
+712142-26	+749997-26	+111039-25	+353309-25
+225834-25	+225826-25	+225657-25	+225688-25
+226873-25	+238663-26	+348313-25	+107026-24
+915491-25	+915486-25	+915347-25	+915682-25
+919891-25	+961284-25	+133808-24	+368470-24

ELEMENT	FUNCTION	PHI
27	5	+100000+15

+321653-27	+318552-27	+258195-27	+228973-27
+230274-27	+242770-27	+362046-27	+117234-26
+779754-27	+776655-27	+716325-27	+687366-27
+691263-27	+728740-27	+108656-26	+351720-26
+238779-26	+238470-26	+232446-26	+229642-26
+230935-26	+243436-26	+362805-26	+117281-25
+702208-26	+701902-26	+695904-26	+693360-26
+697241-26	+735070-26	+109533-25	+352435-25
+237184-25	+237155-25	+236565-25	+236406-25
+237744-25	+250883-25	+374118-25	+118300-24
+759256-25	+759230-25	+758671-25	+758824-25
+763275-25	+806935-25	+120104-24	+361964-24
+322823-24	+322822-24	+322780-24	+322933-24
+324755-24	+342506-24	+491684-24	+128297-23

ELEMENT	FUNCTION	PHI
27	5	+300000+15

+965214-27	+955911-27	+774841-27	+687175-27
+691080-27	+728567-27	+108639-26	+351722-26
+233884-26	+232954-26	+214856-26	+206168-26
+207337-26	+218583-26	+325938-26	+105510-25
+716428-26	+715501-26	+697431-26	+689019-26
+692914-26	+730557-26	+108948-25	+351955-25
+210773-25	+210681-25	+208882-25	+208122-25
+209317-25	+220952-25	+330737-25	+106005-24
+714039-25	+713951-25	+712186-25	+711755-25
+716230-25	+760000-25	+115572-24	+359336-24
+232991-24	+232984-24	+232820-24	+232906-24
+234640-24	+251507-24	+392268-24	+112727-23
+109295-23	+109295-23	+109285-23	+109359-23
+110185-23	+118155-23	+178634-23	+421226-23

ELEMENT	FUNCTION	PHI
27	5	+100000+16

+321659-26	+318559-26	+258204-26	+228982-26
+230284-26	+242779-26	+362048-26	+117227-25
+779860-26	+776763-26	+716436-26	+687478-26
+691379-26	+728889-26	+108686-25	+351701-25
+238918-25	+238609-25	+232587-25	+229784-25
+231100-25	+243810-25	+364404-25	+117447-24
+703835-25	+703531-25	+697540-25	+695041-25
+699370-25	+741431-25	+112689-24	+356483-24
+240784-24	+240755-24	+240172-24	+240079-24
+242068-24	+261374-24	+421453-24	+124555-23
+828205-24	+828186-24	+827680-24	+828338-24
+837811-24	+929026-24	+160688-23	+413558-23
+445201-23	+445203-23	+445186-23	+445589-23
+449886-23	+491077-23	+778315-23	+159258-22

BARIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI	
27	6	+100000+13	
+254083-10	+242194-10	+909312-11	+229451-11
+130500-11	+462261-14	+000000+00	+000000+00
+298578-10	+286661-10	+135148-10	+647359-11
+368189-11	+130421-13	+405611-38	+000000+00
+416893-10	+404902-10	+252723-10	+175860-10
+100022-10	+354299-13	+110188-37	+000000+00
+570345-10	+558258-10	+405217-10	+319986-10
+181995-10	+644666-13	+200492-37	+000000+00
+630859-10	+618734-10	+465353-10	+376823-10
+214321-10	+759173-13	+236104-37	+000000+00
+631620-10	+619494-10	+466108-10	+377537-10
+214727-10	+760612-13	+236552-37	+000000+00
+631620-10	+619494-10	+466108-10	+377537-10
+214727-10	+760612-13	+236552-37	+000000+00

ELEMENT	FUNCTION	PHI	
27	6	+100000+14	
+254083-09	+242194-09	+909312-10	+229451-10
+130500-10	+462261-13	+143764-37	+000000+00
+298578-09	+286661-09	+135148-09	+647359-10
+368189-10	+130421-12	+405610-37	+000000+00
+416893-09	+404902-09	+252723-09	+175860-09
+100022-09	+354299-12	+110188-36	+000000+00
+570345-09	+558258-09	+405217-09	+319986-09
+181995-09	+644666-12	+200492-36	+000000+00
+630859-09	+618734-09	+465353-09	+376823-09
+214321-09	+759173-12	+236104-36	+000000+00
+631620-09	+619494-09	+466108-09	+377537-09
+214727-09	+760612-12	+236552-36	+000000+00
+631620-09	+619494-09	+466108-09	+377537-09
+214727-09	+760612-12	+236552-36	+000000+00

ELEMENT	FUNCTION	PHI	
27	6	+300000+14	
+762248-09	+726581-09	+272794-09	+688351-10
+391500-10	+138678-12	+431291-37	+000000+00
+895734-09	+859983-09	+405445-09	+194208-09
+110457-09	+391262-12	+121683-36	+000000+00
+125068-08	+121470-08	+758170-09	+527580-09
+300065-09	+106290-11	+330563-36	+000000+00
+171104-08	+167477-08	+121565-08	+959959-09
+545984-09	+193400-11	+601476-36	+000000+00
+189258-08	+185620-08	+139606-08	+113047-08
+642963-09	+227752-11	+708312-36	+000000+00
+189486-08	+185848-08	+139833-08	+113261-08
+644182-09	+228184-11	+709655-36	+000000+00
+189486-08	+185848-08	+139833-08	+113261-08
+644182-09	+228184-11	+709655-36	+000000+00

ELEMENT	FUNCTION	PHI	
27	6	+100000+15	
+254082-08	+242193-08	+909311-09	+229451-09
+130500-09	+462261-12	+143764-36	+000000+00
+298577-08	+286661-08	+135148-08	+647359-09
+368189-09	+130421-11	+405611-36	+000000+00
+416892-08	+404901-08	+252723-08	+175860-08
+100022-08	+354299-11	+110188-35	+000000+00
+570345-08	+558257-08	+405216-08	+319986-08
+181995-08	+644666-11	+200492-35	+000000+00
+630859-08	+618734-08	+465352-08	+376823-08
+214321-08	+759173-11	+236104-35	+000000+00
+631619-08	+619494-08	+466108-08	+377537-08
+214727-08	+760612-11	+236552-35	+000000+00
+631619-08	+619494-08	+466108-08	+377537-08
+214727-08	+760612-11	+236552-35	+000000+00

ELEMENT	FUNCTION	PHI	
27	6	+300000+15	
+762242-08	+726576-08	+272792-08	+688352-09
+391500-09	+138678-11	+431291-36	+000000+00
+895728-08	+859978-08	+405443-08	+194208-08
+110457-08	+391262-11	+121683-35	+000000+00
+125067-07	+121470-07	+758169-08	+527580-08
+300065-08	+106290-10	+330563-35	+000000+00
+171103-07	+167477-07	+121565-07	+959959-08
+545984-08	+193400-10	+601476-35	+000000+00
+189257-07	+185620-07	+139606-07	+113047-07
+642963-08	+227752-10	+708312-35	+000000+00
+189485-07	+185848-07	+139832-07	+113261-07
+644182-08	+228184-10	+709654-35	+000000+00
+189485-07	+185848-07	+139832-07	+113261-07
+644182-08	+228184-10	+709654-35	+000000+00

ELEMENT	FUNCTION	PHI	
27	6	+100000+16	
+254076-07	+242188-07	+909295-08	+229450-08
+130500-08	+462261-11	+143764-35	+000000+00
+298571-07	+286655-07	+135146-07	+647359-08
+368189-08	+130421-10	+405610-35	+000000+00
+416886-07	+404896-07	+252722-07	+175860-07
+100022-07	+354299-10	+110188-34	+000000+00
+570338-07	+558252-07	+405215-07	+319986-07
+181996-07	+644666-10	+200492-34	+000000+00
+630853-07	+618728-07	+465351-07	+376823-07
+214321-07	+759173-10	+236104-34	+000000+00
+631613-07	+619488-07	+466107-07	+377537-07
+214727-07	+760612-10	+236552-34	+000000+00
+631613-07	+619488-07	+466107-07	+377537-07
+214727-07	+760612-10	+236552-34	+000000+00

BARIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
27	7	+100000+13

+889975-12	+890388-12	+885394-12	+836957-12
+477147-12	+426299-14	+239684-14	+113866-14
+251318-11	+251258-11	+249849-11	+236183-11
+134667-11	+124881-13	+718993-14	+341570-14
+683375-11	+683045-11	+679216-11	+642092-11
+366315-11	+386944-13	+239595-13	+113824-13
+124658-10	+124590-10	+123894-10	+117139-10
+669593-11	+100811-12	+718189-13	+341188-13
+148476-10	+148394-10	+147574-10	+139619-10
+805256-11	+284754-12	+238703-12	+113400-12
+153874-10	+153792-10	+152970-10	+145000-10
+857907-11	+792751-12	+710214-12	+337399-12
+171146-10	+171064-10	+170242-10	+162270-10
+103048-10	+250568-11	+230028-11	+109279-11

ELEMENT	FUNCTION	PHI
27	7	+100000+14

+889975-11	+890388-11	+885394-11	+836957-11
+477147-11	+426299-13	+239684-13	+113866-13
+251318-10	+251258-10	+249849-10	+236183-10
+134667-10	+124880-12	+718991-13	+341569-13
+683375-10	+683045-10	+679216-10	+642092-10
+366315-10	+386942-12	+239593-12	+113823-12
+124658-09	+124590-09	+123894-09	+117139-09
+669593-10	+100809-11	+718170-12	+341179-12
+148476-09	+148394-09	+147574-09	+139619-09
+805253-10	+284731-11	+238682-11	+113390-11
+153872-09	+153790-09	+152968-09	+144998-09
+857886-10	+792546-11	+710023-11	+337308-11
+171124-09	+171042-09	+170220-09	+162248-09
+103026-09	+250348-10	+229824-10	+109182-10

ELEMENT	FUNCTION	PHI
27	7	+300000+14

+266993-10	+267116-10	+265618-10	+251087-10
+143144-10	+127890-12	+719051-13	+341597-13
+753955-10	+753774-10	+749546-10	+708549-10
+404001-10	+374640-12	+215696-12	+102470-12
+205013-09	+204914-09	+203765-09	+192628-09
+109895-09	+116081-11	+718764-12	+341461-12
+373975-09	+373771-09	+371681-09	+351416-09
+200878-09	+302412-11	+215438-11	+102347-11
+445426-09	+445181-09	+442719-09	+418855-09
+241574-09	+854039-11	+715903-11	+340102-11
+461603-09	+461357-09	+458891-09	+434980-09
+257352-09	+237627-10	+212880-10	+101132-10
+513224-09	+512978-09	+510511-09	+486596-09
+308930-09	+749582-10	+688114-10	+326900-10

ELEMENT	FUNCTION	PHI
27	7	+100000+15

+889977-10	+890388-10	+885394-10	+836957-10
+477147-10	+426297-12	+239682-12	+113865-12
+251318-09	+251258-09	+249849-09	+236183-09
+134667-09	+124878-11	+718972-12	+341560-12
+683375-09	+683045-09	+679216-09	+642092-09
+366315-09	+386919-11	+239571-11	+113812-11
+124658-08	+124590-08	+123893-08	+117138-08
+669591-09	+100788-10	+717976-11	+341086-11
+148474-08	+148392-08	+147571-08	+139616-08
+805230-09	+284500-10	+238468-10	+113288-10
+153852-08	+153770-08	+152948-08	+144977-08
+857679-09	+790493-10	+708118-10	+336403-10
+170903-08	+170822-08	+169999-08	+162028-08
+102806-08	+248164-09	+227797-09	+108219-09

ELEMENT	FUNCTION	PHI
27	7	+300000+15

+266993-09	+267116-09	+265618-09	+251087-09
+143144-09	+127887-11	+719031-12	+341588-12
+753954-09	+753774-09	+749546-09	+708549-09
+404001-09	+374621-11	+215679-11	+102462-11
+205012-08	+204913-08	+203765-08	+192627-08
+109894-08	+116060-10	+718570-11	+341369-11
+373973-08	+373769-08	+371679-08	+351414-08
+200876-08	+302224-10	+215264-10	+102265-10
+445405-08	+445160-08	+442699-08	+418834-08
+241553-08	+851964-10	+713976-10	+339186-10
+461417-08	+461172-08	+458706-08	+434794-08
+257167-08	+235787-09	+211172-09	+100321-09
+511270-08	+511025-08	+508558-08	+484643-08
+306978-08	+730211-09	+670132-09	+318357-09

ELEMENT	FUNCTION	PHI
27	7	+100000+16

+889976-09	+890388-09	+885393-09	+836957-09
+477147-09	+426274-11	+239660-11	+113855-11
+251318-08	+251258-08	+249848-08	+236183-08
+134667-08	+124858-10	+718778-11	+341468-11
+683372-08	+683043-08	+679214-08	+642090-08
+366313-08	+386687-10	+239356-10	+113710-10
+124656-07	+124588-07	+123891-07	+117136-07
+669570-08	+100579-09	+716042-10	+340168-10
+148450-07	+148369-07	+147548-07	+139593-07
+804999-08	+282206-09	+236338-09	+112276-09
+153649-07	+153567-07	+152745-07	+144774-07
+855652-08	+770365-09	+689434-09	+327527-09
+168839-07	+168757-07	+167935-07	+159964-07
+100743-07	+227692-08	+208793-08	+991905-09

BARIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI	
27	8	+100000+13	
+661199-11	+626941-11	+191884-11	+927919-17
+000000+00	+000000+00	+000000+00	+000000+00
+661200-11	+626942-11	+191884-11	+927920-17
+000000+00	+000000+00	+000000+00	+000000+00
+661200-11	+626942-11	+191884-11	+927920-17
+000000+00	+000000+00	+000000+00	+000000+00
+661200-11	+626942-11	+191884-11	+927920-17
+000000+00	+000000+00	+000000+00	+000000+00
+661200-11	+626942-11	+191884-11	+927920-17
+000000+00	+000000+00	+000000+00	+000000+00
+661200-11	+626942-11	+191884-11	+927920-17
+000000+00	+000000+00	+000000+00	+000000+00
+661200-11	+626942-11	+191884-11	+927920-17
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
27	8	+100000+14	
+661199-10	+626941-10	+191884-10	+927919-16
+000000+00	+000000+00	+000000+00	+000000+00
+661200-10	+626942-10	+191884-10	+927920-16
+000000+00	+000000+00	+000000+00	+000000+00
+661200-10	+626942-10	+191884-10	+927920-16
+000000+00	+000000+00	+000000+00	+000000+00
+661200-10	+626942-10	+191884-10	+927920-16
+000000+00	+000000+00	+000000+00	+000000+00
+661200-10	+626942-10	+191884-10	+927920-16
+000000+00	+000000+00	+000000+00	+000000+00
+661200-10	+626942-10	+191884-10	+927920-16
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
27	8	+300000+14	
+198360-09	+188082-09	+575652-10	+278225-15
+000000+00	+000000+00	+000000+00	+000000+00
+198360-09	+188082-09	+575653-10	+278226-15
+000000+00	+000000+00	+000000+00	+000000+00
+198360-09	+188082-09	+575653-10	+278226-15
+000000+00	+000000+00	+000000+00	+000000+00
+198360-09	+188082-09	+575653-10	+278226-15
+000000+00	+000000+00	+000000+00	+000000+00
+198360-09	+188082-09	+575653-10	+278226-15
+000000+00	+000000+00	+000000+00	+000000+00
+198360-09	+188082-09	+575653-10	+278226-15
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
27	8	+100000+15	
+661197-09	+626940-09	+191884-09	+927917-15
+000000+00	+000000+00	+000000+00	+000000+00
+661198-09	+626940-09	+191884-09	+927918-15
+000000+00	+000000+00	+000000+00	+000000+00
+661198-09	+626940-09	+191884-09	+927918-15
+000000+00	+000000+00	+000000+00	+000000+00
+661198-09	+626940-09	+191884-09	+927918-15
+000000+00	+000000+00	+000000+00	+000000+00
+661198-09	+626940-09	+191884-09	+927918-15
+000000+00	+000000+00	+000000+00	+000000+00
+661198-09	+626940-09	+191884-09	+927918-15
+000000+00	+000000+00	+000000+00	+000000+00
+661198-09	+626940-09	+191884-09	+927918-15
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
27	8	+300000+15	
+198358-08	+188081-08	+575648-09	+278223-14
+000000+00	+000000+00	+000000+00	+000000+00
+198358-08	+188081-08	+575649-09	+278224-14
+000000+00	+000000+00	+000000+00	+000000+00
+198358-08	+188081-08	+575649-09	+278224-14
+000000+00	+000000+00	+000000+00	+000000+00
+198358-08	+188081-08	+575649-09	+278224-14
+000000+00	+000000+00	+000000+00	+000000+00
+198358-08	+188081-08	+575649-09	+278224-14
+000000+00	+000000+00	+000000+00	+000000+00
+198358-08	+188081-08	+575649-09	+278224-14
+000000+00	+000000+00	+000000+00	+000000+00
+198358-08	+188081-08	+575649-09	+278224-14
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
27	8	+100000+16	
+661180-08	+626924-08	+191879-08	+927395-14
+000000+00	+000000+00	+000000+00	+000000+00
+661181-08	+626925-08	+191879-08	+927396-14
+000000+00	+000000+00	+000000+00	+000000+00
+661181-08	+626925-08	+191879-08	+927396-14
+000000+00	+000000+00	+000000+00	+000000+00
+661181-08	+626925-08	+191879-08	+927396-14
+000000+00	+000000+00	+000000+00	+000000+00
+661181-08	+626925-08	+191879-08	+927396-14
+000000+00	+000000+00	+000000+00	+000000+00
+661181-08	+626925-08	+191879-08	+927396-14
+000000+00	+000000+00	+000000+00	+000000+00
+661181-08	+626925-08	+191879-08	+927396-14
+000000+00	+000000+00	+000000+00	+000000+00

BARIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
27	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
27	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
27	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
27	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
27	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
27	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

LANTHANUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
28	1	+100000+13	
+423411-05	+421592-05	+399880-05	+371405-05
+376134-05	+348101-05	+348000-05	+348000-05
+117309-04	+117140-04	+115084-04	+113148-04
+112367-04	+104428-04	+104400-04	+104400-04
+384109-04	+383936-04	+381845-04	+379381-04
+369746-04	+348076-04	+347998-04	+347998-04
+111351-03	+111332-03	+111104-03	+110678-03
+108363-03	+104413-03	+104399-03	+104399-03
+356258-03	+356238-03	+356003-03	+355505-03
+362666-03	+348001-03	+347986-03	+347985-03
+105215-02	+105213-02	+105190-02	+105140-02
+104864-02	+104388-02	+104386-02	+104386-02
+348674-02	+348672-02	+348649-02	+348599-02
+348313-02	+347847-02	+347845-02	+347845-02

ELEMENT	FUNCTION	PHI	
28	1	+100000+14	
+423410-04	+421591-04	+399879-04	+371404-04
+376133-04	+348100-04	+347999-04	+347999-04
+117308-03	+117139-03	+115083-03	+113147-03
+112366-03	+104427-03	+104399-03	+104399-03
+384095-03	+383922-03	+381832-03	+379367-03
+369732-03	+348062-03	+347985-03	+347985-03
+111339-02	+111319-02	+111092-02	+110666-02
+108361-02	+104400-02	+104386-02	+104386-02
+356119-02	+356099-02	+355864-02	+355366-02
+362516-02	+347862-02	+347845-02	+347845-02
+105090-01	+105088-01	+105064-01	+105014-01
+104729-01	+104262-01	+104261-01	+104261-01
+347285-01	+347283-01	+347260-01	+347210-01
+346924-01	+346458-01	+346456-01	+346456-01

ELEMENT	FUNCTION	PHI	
28	1	+300000+14	
+127022-03	+126476-03	+119963-03	+111420-03
+112839-03	+104429-03	+104399-03	+104399-03
+351916-03	+351409-03	+345241-03	+339434-03
+337090-03	+313273-03	+313188-03	+313188-03
+115219-02	+115167-02	+114540-02	+113801-02
+110910-02	+104409-02	+104386-02	+104386-02
+333932-02	+333874-02	+333192-02	+331914-02
+324969-02	+313117-02	+313075-02	+313075-02
+106743-01	+106737-01	+106667-01	+106517-01
+105662-01	+104266-01	+104261-01	+104261-01
+314437-01	+314430-01	+314360-01	+314210-01
+313353-01	+311964-01	+311949-01	+311949-01
+103267+00	+103267+00	+103260+00	+103245+00
+103159+00	+103019+00	+103019+00	+103019+00

ELEMENT	FUNCTION	PHI	
28	1	+100000+15	
+423397-03	+421578-03	+399866-03	+371391-03
+376120-03	+348087-03	+347986-03	+347986-03
+117296-02	+117127-02	+115071-02	+113135-02
+112354-02	+104416-02	+104387-02	+104387-02
+383955-02	+383783-02	+381692-02	+379228-02
+369594-02	+347924-02	+347847-02	+347847-02
+111213-01	+111194-01	+110966-01	+110541-01
+108226-01	+104276-01	+104261-01	+104261-01
+354731-01	+354711-01	+354476-01	+353978-01
+351128-01	+346474-01	+346458-01	+346458-01
+103848+00	+103846+00	+103823+00	+103773+00
+103487+00	+103021+00	+103019+00	+103019+00
+333794+00	+333792+00	+333768+00	+333718+00
+333433+00	+332967+00	+332965+00	+332965+00

ELEMENT	FUNCTION	PHI	
28	1	+300000+15	
+127011-02	+126465-02	+119951-02	+111409-02
+112828-02	+104418-02	+104387-02	+104387-02
+351806-02	+351298-02	+345131-02	+339324-02
+336981-02	+313164-02	+313079-02	+313079-02
+115094-01	+115042-01	+114415-01	+113676-01
+110786-01	+104285-01	+104262-01	+104262-01
+332807-01	+332749-01	+332067-01	+330790-01
+323847-01	+311996-01	+311953-01	+311953-01
+105502+00	+105496+00	+105425+00	+105276+00
+104421+00	+103025+00	+103020+00	+103020+00
+303475+00	+303469+00	+303399+00	+303249+00
+302392+00	+300994+00	+300989+00	+300989+00
+918743+00	+918737+00	+918667+00	+918517+00
+917660+00	+916262+00	+916257+00	+916257+00

ELEMENT	FUNCTION	PHI	
28	1	+100000+16	
+423271-02	+421451-02	+399739-02	+371264-02
+375993-02	+347960-02	+347859-02	+347859-02
+117173-01	+117004-01	+114948-01	+113013-01
+112233-01	+104294-01	+104266-01	+104265-01
+382567-01	+382394-01	+380304-01	+377845-01
+368218-01	+346648-01	+346471-01	+346471-01
+109972+00	+109952+00	+109725+00	+109300+00
+106988+00	+103037+00	+103023+00	+103023+00
+341247+00	+341227+00	+340992+00	+340496+00
+337649+00	+332994+00	+332978+00	+332978+00
+924570+00	+924550+00	+924315+00	+923818+00
+920964+00	+916301+00	+916285+00	+916285+00
+231279+01	+231277+01	+231253+01	+231204+01
+230918+01	+230452+01	+230450+01	+230450+01

LANTHANUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
28	2	+100000+13

+284408-20	+232123-20	+831630-21	+353914-22
+364223-22	+130684-24	+000000+00	+000000+00
+291870-20	+239575-20	+905831-21	+118378-21
+103146-21	+368707-24	+000000+00	+000000+00
+321906-20	+269606-20	+120569-20	+411394-21
+281540-21	+100162-23	+000000+00	+000000+00
+365164-20	+312837-20	+163562-20	+818081-21
+513272-21	+182261-23	+000000+00	+000000+00
+382271-20	+329934-20	+180563-20	+978761-21
+604660-21	+214623-23	+000000+00	+000000+00
+382486-20	+330149-20	+180776-20	+980781-21
+605809-21	+215029-23	+000000+00	+000000+00
+382486-20	+330149-20	+180776-20	+980781-21
+605809-21	+215029-23	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
28	2	+100000+14

+284408-19	+232123-19	+831630-20	+353914-21
+364223-21	+130684-23	+000000+00	+000000+00
+291870-19	+239575-19	+905831-20	+118378-20
+103146-20	+368707-23	+000000+00	+000000+00
+321905-19	+269606-19	+120569-19	+411393-20
+281540-20	+100162-22	+000000+00	+000000+00
+365163-19	+312837-19	+163562-19	+818079-20
+513272-20	+182261-22	+000000+00	+000000+00
+382271-19	+329934-19	+180562-19	+978758-20
+604660-20	+214623-22	+000000+00	+000000+00
+382486-19	+330149-19	+180776-19	+980777-20
+605809-20	+215029-22	+000000+00	+000000+00
+382486-19	+330149-19	+180776-19	+980777-20
+605809-20	+215029-22	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
28	2	+300000+14

+853225-19	+696368-19	+249489-19	+106174-20
+109267-20	+392051-23	+000000+00	+000000+00
+875610-19	+718725-19	+271749-19	+355134-20
+309438-20	+110612-22	+000000+00	+000000+00
+965715-19	+808816-19	+361706-19	+123417-19
+844621-20	+300487-22	+000000+00	+000000+00
+109549-18	+938508-19	+490682-19	+245422-19
+153982-19	+646763-22	+000000+00	+000000+00
+114681-18	+989798-19	+541683-19	+293625-19
+181398-19	+643868-22	+000000+00	+000000+00
+114745-18	+990442-19	+542324-19	+294231-19
+181743-19	+645088-22	+000000+00	+000000+00
+114745-18	+990442-19	+542324-19	+294231-19
+181743-19	+645088-22	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
28	2	+100000+15

+284408-18	+232123-18	+831630-19	+353913-20
+364223-20	+130684-22	+000000+00	+000000+00
+291870-18	+239575-18	+905829-19	+118377-19
+103146-19	+368707-22	+000000+00	+000000+00
+321904-18	+269604-18	+120567-18	+411383-19
+281540-19	+100162-21	+000000+00	+000000+00
+365159-18	+312832-18	+163557-18	+818051-19
+513272-19	+182261-21	+000000+00	+000000+00
+382265-18	+329928-18	+180557-18	+978723-19
+604660-19	+214623-21	+000000+00	+000000+00
+382480-18	+330143-18	+180771-18	+980743-19
+605809-19	+215029-21	+000000+00	+000000+00
+382480-18	+330143-18	+180771-18	+980743-19
+605809-19	+215029-21	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
28	2	+300000+15

+853225-18	+696368-18	+249489-18	+106174-19
+109267-19	+392051-22	+000000+00	+000000+00
+875608-18	+718723-18	+271748-18	+355124-19
+309438-19	+110612-21	+000000+00	+000000+00
+965700-18	+808801-18	+361692-18	+123408-18
+844619-19	+300487-21	+000000+00	+000000+00
+109545-17	+938468-18	+490644-18	+245397-18
+153981-18	+646763-21	+000000+00	+000000+00
+114676-17	+989748-18	+541635-18	+293594-18
+181398-18	+643868-21	+000000+00	+000000+00
+114740-17	+990392-18	+542276-18	+294200-18
+181742-18	+645088-21	+000000+00	+000000+00
+114740-17	+990392-18	+542276-18	+294200-18
+181742-18	+645088-21	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
28	2	+100000+16

+284408-17	+232122-17	+831629-18	+353907-19
+364223-19	+130684-21	+000000+00	+000000+00
+291868-17	+239573-17	+905812-18	+118366-18
+103146-18	+368707-21	+000000+00	+000000+00
+321887-17	+269587-17	+120551-17	+411279-18
+281539-18	+100162-20	+000000+00	+000000+00
+365114-17	+312788-17	+163515-17	+817776-18
+513268-18	+182251-20	+000000+00	+000000+00
+382210-17	+329873-17	+180504-17	+978379-18
+604655-18	+214623-20	+000000+00	+000000+00
+382425-17	+330088-17	+180718-17	+980398-18
+605804-18	+215029-20	+000000+00	+000000+00
+382425-17	+330088-17	+180718-17	+980398-18
+605804-18	+215029-20	+000000+00	+000000+00

LANTHANUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
28	3	+100000+13

+418916-23	+387821-23	+127547-23	+374998-24
+455627-24	+163444-26	+000000+00	+000000+00
+505437-23	+474569-23	+216305-23	+141252-23
+129003-23	+461136-26	+000000+00	+000000+00
+881085-23	+850160-23	+591336-23	+507722-23
+352117-23	+126271-26	+000000+00	+000000+00
+142211-22	+139085-22	+112904-22	+101636-22
+641940-23	+227938-26	+000000+00	+000000+00
+163607-22	+160468-22	+134166-22	+121732-22
+756238-23	+268424-26	+000000+00	+000000+00
+163876-22	+160736-22	+134434-22	+121984-22
+757674-23	+268933-26	+000000+00	+000000+00
+163876-22	+160736-22	+134434-22	+121984-22
+757674-23	+268933-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
28	3	+100000+14

+418916-22	+387821-22	+127547-22	+374998-23
+455527-23	+163444-26	+000000+00	+000000+00
+505436-22	+474569-22	+216305-22	+141252-22
+129003-22	+461136-26	+000000+00	+000000+00
+881083-22	+850157-22	+591334-22	+507720-22
+352117-22	+126271-24	+000000+00	+000000+00
+142210-21	+139084-21	+112903-21	+101635-21
+641940-22	+227938-24	+000000+00	+000000+00
+163606-21	+160467-21	+134166-21	+121731-21
+756238-22	+268424-24	+000000+00	+000000+00
+163875-21	+160736-21	+134433-21	+121983-21
+757674-22	+268933-24	+000000+00	+000000+00
+163875-21	+160736-21	+134433-21	+121984-21
+757674-22	+268933-24	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
28	3	+300000+14

+125675-21	+116346-21	+382640-22	+112499-22
+136658-22	+490331-26	+000000+00	+000000+00
+151631-21	+142371-21	+648914-22	+423756-22
+387008-22	+138341-24	+000000+00	+000000+00
+264324-21	+255046-21	+177399-21	+152315-21
+105635-21	+375814-24	+000000+00	+000000+00
+426627-21	+417249-21	+338706-21	+304904-21
+192582-21	+683813-24	+000000+00	+000000+00
+490814-21	+481396-21	+402493-21	+365191-21
+226871-21	+805273-24	+000000+00	+000000+00
+491621-21	+482203-21	+403294-21	+365949-21
+227302-21	+806800-24	+000000+00	+000000+00
+491621-21	+482203-21	+403294-21	+365949-21
+227302-21	+806800-24	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
28	3	+100000+15

+418916-21	+387820-21	+127547-21	+374997-22
+455627-22	+163444-24	+000000+00	+000000+00
+505434-21	+474567-21	+216303-21	+141251-21
+129003-21	+461136-24	+000000+00	+000000+00
+881062-21	+850137-21	+591314-21	+507707-21
+352117-21	+126271-23	+000000+00	+000000+00
+142205-20	+139079-20	+112898-20	+101632-20
+641940-21	+227938-23	+000000+00	+000000+00
+163599-20	+160460-20	+134159-20	+121727-20
+756237-21	+268424-23	+000000+00	+000000+00
+163868-20	+160729-20	+134426-20	+121980-20
+757674-21	+268933-23	+000000+00	+000000+00
+163868-20	+160729-20	+134426-20	+121980-20
+757674-21	+268933-23	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
28	3	+300000+15

+125675-20	+116346-20	+382639-21	+112499-21
+136658-21	+490331-24	+000000+00	+000000+00
+151629-20	+142369-20	+648896-21	+423743-21
+387008-21	+138341-23	+000000+00	+000000+00
+264305-20	+255027-20	+177381-20	+152304-20
+105635-20	+375814-23	+000000+00	+000000+00
+426577-20	+417199-20	+338659-20	+304873-20
+192582-20	+683813-23	+000000+00	+000000+00
+490752-20	+481334-20	+402433-20	+365152-20
+226871-20	+805273-23	+000000+00	+000000+00
+491558-20	+482140-20	+403235-20	+365910-20
+227302-20	+806800-23	+000000+00	+000000+00
+491558-20	+482140-20	+403235-20	+365910-20
+227302-20	+806800-23	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
28	3	+100000+16

+418915-20	+387819-20	+127545-20	+374989-21
+455527-21	+163444-23	+000000+00	+000000+00
+505412-20	+474545-20	+216282-20	+141237-20
+129003-20	+461136-23	+000000+00	+000000+00
+880852-20	+849928-20	+591114-20	+507578-20
+352115-20	+126271-22	+000000+00	+000000+00
+142149-19	+139023-19	+112845-19	+101598-19
+641936-20	+227938-22	+000000+00	+000000+00
+163530-19	+160391-19	+134093-19	+121684-19
+756231-20	+268424-22	+000000+00	+000000+00
+163799-19	+160660-19	+134360-19	+121936-19
+757668-20	+268933-22	+000000+00	+000000+00
+163799-19	+160660-19	+134360-19	+121936-19
+757668-20	+268933-22	+000000+00	+000000+00

LANTHANUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
28	4	+100000+13

+188870-22	+155719-22	+517937-23	+489360-24
+563472-24	+202174-26	+000000+00	+000000+00
+199829-22	+166693-22	+629253-23	+177289-23
+159572-23	+570409-26	+000000+00	+000000+00
+246295-22	+213153-22	+109315-22	+630599-23
+435557-23	+154956-26	+000000+00	+000000+00
+313218-22	+280034-22	+175827-22	+125977-22
+794059-23	+281962-26	+000000+00	+000000+00
+339684-22	+306484-22	+202128-22	+150835-22
+935441-23	+332032-26	+000000+00	+000000+00
+340017-22	+306816-22	+202459-22	+151147-22
+937218-23	+332662-26	+000000+00	+000000+00
+340017-22	+306816-22	+202459-22	+151147-22
+937218-23	+332662-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
28	4	+100000+14

+188870-21	+155719-21	+517937-22	+489360-23
+563472-23	+202174-26	+000000+00	+000000+00
+199828-21	+166693-21	+629253-22	+177288-22
+159572-22	+570409-26	+000000+00	+000000+00
+246295-21	+213152-21	+109315-21	+630597-22
+435557-22	+154956-24	+000000+00	+000000+00
+313217-21	+280033-21	+175827-21	+125976-21
+794059-22	+281962-24	+000000+00	+000000+00
+339683-21	+306483-21	+202128-21	+150834-21
+935441-22	+332032-24	+000000+00	+000000+00
+340016-21	+306815-21	+202458-21	+151146-21
+937218-22	+332662-24	+000000+00	+000000+00
+340016-21	+306815-21	+202458-21	+151146-21
+937218-22	+332662-24	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
28	4	+300000+14

+566609-21	+467158-21	+155381-21	+146808-22
+169042-22	+606523-26	+000000+00	+000000+00
+599485-21	+500080-21	+188776-21	+531864-22
+478717-22	+171123-24	+000000+00	+000000+00
+738883-21	+639455-21	+327944-21	+189178-21
+130667-21	+464869-24	+000000+00	+000000+00
+939646-21	+840095-21	+527476-21	+377925-21
+238218-21	+845864-24	+000000+00	+000000+00
+101904-20	+919443-21	+606377-21	+452498-21
+280632-21	+996097-24	+000000+00	+000000+00
+102004-20	+920441-21	+607369-21	+453436-21
+281165-21	+997985-24	+000000+00	+000000+00
+102004-20	+920441-21	+607369-21	+453436-21
+281165-21	+997985-24	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
28	4	+100000+15

+188870-20	+155719-20	+517937-21	+489359-22
+563472-22	+202174-24	+000000+00	+000000+00
+199828-20	+166693-20	+629250-21	+177287-21
+159572-21	+570409-24	+000000+00	+000000+00
+246292-20	+213150-20	+109313-20	+630581-21
+435557-21	+154956-23	+000000+00	+000000+00
+313210-20	+280026-20	+175820-20	+125972-20
+794058-21	+281962-23	+000000+00	+000000+00
+339675-20	+306474-20	+202119-20	+150829-20
+935440-21	+332032-23	+000000+00	+000000+00
+340007-20	+306807-20	+202450-20	+151141-20
+937217-21	+332662-23	+000000+00	+000000+00
+340007-20	+306807-20	+202450-20	+151141-20
+937217-21	+332662-23	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
28	4	+300000+15

+566609-20	+467158-20	+155381-20	+146807-21
+169042-21	+606523-24	+000000+00	+000000+00
+599483-20	+500077-20	+188773-20	+531849-21
+478716-21	+171123-23	+000000+00	+000000+00
+738859-20	+639432-20	+327921-20	+189164-20
+130667-20	+464869-23	+000000+00	+000000+00
+939584-20	+840034-20	+527417-20	+377887-20
+238217-20	+845864-23	+000000+00	+000000+00
+101897-19	+919366-20	+606304-20	+452450-20
+280632-20	+996097-23	+000000+00	+000000+00
+101996-19	+920364-20	+607295-20	+453388-20
+281165-20	+997985-23	+000000+00	+000000+00
+101996-19	+920364-20	+607295-20	+453388-20
+281165-20	+997985-23	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
28	4	+100000+16

+188870-19	+155719-19	+517936-20	+489349-21
+563472-21	+202174-23	+000000+00	+000000+00
+199826-19	+166690-19	+629225-20	+177270-20
+159572-20	+570409-23	+000000+00	+000000+00
+246266-19	+213124-19	+109288-19	+630421-20
+435555-20	+154956-22	+000000+00	+000000+00
+313141-19	+279958-19	+175755-19	+125929-19
+794053-20	+281952-22	+000000+00	+000000+00
+339589-19	+306389-19	+202038-19	+150775-19
+935433-20	+332032-22	+000000+00	+000000+00
+339921-19	+306721-19	+202368-19	+151088-19
+937210-20	+332662-22	+000000+00	+000000+00
+339921-19	+306721-19	+202368-19	+151088-19
+937210-20	+332662-22	+000000+00	+000000+00

LANTHANUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
28	5	+100000+13

+287182-28	+290274-28	+306504-28	+316622-28
+318160-28	+309760-28	+309720-28	+309720-28
+922605-28	+925742-28	+942361-28	+955284-28
+953061-28	+929244-28	+929159-28	+929159-28
+316024-27	+316336-27	+317988-27	+319121-27
+316243-27	+309742-27	+309719-27	+309719-27
+945477-27	+945783-27	+947379-27	+947975-27
+941042-27	+929190-27	+929148-27	+929148-27
+311736-26	+311766-26	+311923-26	+311961-26
+311107-26	+309711-26	+309706-26	+309706-26
+931070-26	+931101-26	+931258-26	+931296-26
+930440-26	+929041-26	+929036-26	+929036-26
+309786-25	+309789-25	+309804-25	+309808-25
+309723-25	+309583-25	+309582-25	+309582-25

ELEMENT	FUNCTION	PHI
28	5	+100000+14

+287181-27	+290273-27	+306503-27	+316621-27
+318159-27	+309749-27	+309719-27	+309719-27
+922595-27	+925732-27	+942350-27	+955273-27
+953050-27	+929233-27	+929148-27	+929148-27
+316011-26	+316324-26	+317975-26	+319109-26
+316231-26	+309730-26	+309706-26	+309706-26
+945366-26	+945672-26	+947268-26	+947863-26
+940931-26	+929079-26	+929036-26	+929036-26
+311612-25	+311642-25	+311800-25	+311837-25
+310984-25	+309587-25	+309582-25	+309582-25
+929955-25	+929986-25	+930143-25	+930181-25
+929326-25	+927926-26	+927921-25	+927921-25
+308549-24	+308552-24	+308568-24	+308572-24
+308486-24	+308346-24	+308346-24	+308346-24

ELEMENT	FUNCTION	PHI
28	5	+300000+14

+861535-27	+870812-27	+919501-27	+949855-27
+954469-27	+929240-27	+929149-27	+929149-27
+276771-26	+277712-26	+282698-26	+286575-26
+285908-26	+278763-26	+278737-26	+278737-26
+947952-26	+948889-26	+953844-26	+957245-26
+948610-26	+929107-26	+929037-26	+929037-26
+283535-25	+283627-25	+284106-25	+284285-25
+282206-25	+278649-25	+278637-25	+278637-25
+934010-25	+934101-25	+934573-25	+934687-25
+932126-25	+927937-25	+927922-25	+927922-25
+278245-24	+278254-24	+278302-24	+278313-24
+278056-24	+277636-24	+277635-24	+277635-24
+917477-24	+917486-24	+917533-24	+917545-24
+917288-24	+916868-24	+916867-24	+916867-24

ELEMENT	FUNCTION	PHI
28	5	+100000+15

+287170-26	+290262-26	+306492-26	+316609-26
+318148-26	+309738-26	+309707-26	+309707-26
+922486-26	+925623-26	+942242-26	+955165-26
+952942-26	+929126-26	+929040-26	+929040-26
+315888-25	+316201-25	+317852-25	+318986-25
+316108-25	+309607-25	+309584-25	+309584-25
+944253-25	+944559-25	+946155-25	+946751-25
+939819-25	+927967-25	+927925-25	+927925-25
+310376-24	+310407-24	+310564-24	+310602-24
+309748-24	+308352-24	+308347-24	+308347-24
+918904-24	+918934-24	+919091-24	+919129-24
+918273-24	+916874-24	+916869-24	+916869-24
+296542-23	+296545-23	+296561-23	+296565-23
+296479-23	+296339-23	+296339-23	+296339-23

ELEMENT	FUNCTION	PHI
28	5	+300000+15

+861434-26	+870711-26	+919399-26	+949753-26
+954368-26	+929138-26	+929047-26	+929047-26
+276674-25	+277615-25	+282600-25	+286477-25
+285811-25	+278666-25	+278640-25	+278640-25
+946844-25	+947781-25	+952736-25	+956138-25
+947505-25	+928002-25	+927933-25	+927933-25
+282536-24	+282628-24	+283107-24	+283286-24
+281206-24	+277651-24	+277638-24	+277638-24
+922964-24	+923055-24	+923528-24	+923642-24
+921081-24	+916892-24	+916877-24	+916877-24
+268490-23	+268499-23	+268546-23	+268558-23
+268301-23	+267881-23	+267880-23	+267880-23
+816079-23	+816088-23	+816135-23	+816146-23
+815890-23	+815470-23	+815468-23	+815468-23

ELEMENT	FUNCTION	PHI
28	5	+100000+16

+287057-25	+290150-25	+306379-25	+316497-25
+318036-25	+309625-25	+309595-25	+309595-25
+921403-25	+924540-25	+941158-25	+954083-25
+951863-25	+928046-25	+927960-25	+927960-25
+314660-24	+314972-24	+316624-24	+317759-24
+314883-24	+308382-24	+308359-24	+308359-24
+933223-24	+933530-24	+935126-24	+935725-24
+928799-24	+916948-24	+916905-24	+916905-24
+298378-23	+298409-23	+298566-23	+298604-23
+297752-23	+296356-23	+296350-23	+296350-23
+817526-23	+817557-23	+817714-23	+817752-23
+816897-23	+815498-23	+815493-23	+815493-23
+205304-22	+205307-22	+205323-22	+205327-22
+205241-22	+205101-22	+205101-22	+205101-22

LANTHANUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
28	6	+100000+13

+827507-14	+842648-14	+975181-14	+198362-13
+242573-13	+870354-16	+000000+00	+000000+00
+542145-13	+544942-13	+569373-13	+750847-13
+686953-13	+245559-16	+000000+00	+000000+00
+254251-12	+254500-12	+256644-12	+270233-12
+187506-12	+667082-16	+000000+00	+000000+00
+542350-12	+542422-12	+542976-12	+541087-12
+341839-12	+121379-14	+000000+00	+000000+00
+656288-12	+656288-12	+656201-12	+648100-12
+402704-12	+142939-14	+000000+00	+000000+00
+657720-12	+657719-12	+657625-12	+649445-12
+403469-12	+143210-14	+000000+00	+000000+00
+657720-12	+657719-12	+657625-12	+649445-12
+403469-12	+143210-14	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
28	6	+100000+14

+827506-13	+842647-13	+975180-13	+198362-12
+242573-12	+870354-15	+000000+00	+000000+00
+542144-12	+544941-12	+569371-12	+750846-12
+686952-12	+245559-14	+000000+00	+000000+00
+254250-11	+254499-11	+256643-11	+270233-11
+187506-11	+667082-14	+207463-38	+000000+00
+542347-11	+542419-11	+542974-11	+541085-11
+341839-11	+121379-13	+377491-38	+000000+00
+656284-11	+656284-11	+656198-11	+648097-11
+402704-11	+142939-13	+444541-38	+000000+00
+657716-11	+657715-11	+657621-11	+649442-11
+403469-11	+143210-13	+445384-38	+000000+00
+657716-11	+657715-11	+657621-11	+649442-11
+403469-11	+143210-13	+445384-38	+000000+00

ELEMENT	FUNCTION	PHI
28	6	+300000+14

+248251-12	+252793-12	+292554-12	+595086-12
+727718-12	+261106-14	+000000+00	+000000+00
+162642-11	+163481-11	+170811-11	+225253-11
+206086-11	+736677-14	+229108-38	+000000+00
+762742-11	+763488-11	+769923-11	+810693-11
+562517-11	+200125-13	+622390-38	+000000+00
+162702-10	+162724-10	+162890-10	+162324-10
+102552-10	+364137-13	+113247-37	+000000+00
+196883-10	+196883-10	+196857-10	+194428-10
+120811-10	+428816-13	+133362-37	+000000+00
+197312-10	+197312-10	+197284-10	+194831-10
+121041-10	+429629-13	+133615-37	+000000+00
+197312-10	+197312-10	+197284-10	+194831-10
+121041-10	+429629-13	+133615-37	+000000+00

ELEMENT	FUNCTION	PHI
28	6	+100000+15

+827498-12	+842639-12	+975173-12	+198362-11
+242573-11	+870354-14	+270681-38	+000000+00
+542132-11	+544929-11	+569360-11	+750839-11
+686952-11	+245559-13	+763692-38	+000000+00
+254239-10	+254487-10	+256633-10	+270226-10
+187506-10	+667082-13	+207463-37	+000000+00
+542318-10	+542389-10	+542945-10	+541067-10
+341839-10	+121379-12	+377491-37	+000000+00
+656247-10	+656247-10	+656163-10	+648074-10
+402704-10	+142939-12	+444541-37	+000000+00
+657679-10	+657678-10	+657586-10	+649419-10
+403469-10	+143210-12	+445384-37	+000000+00
+657679-10	+657678-10	+657586-10	+649419-10
+403469-10	+143210-12	+445384-37	+000000+00

ELEMENT	FUNCTION	PHI
28	6	+300000+15

+248245-11	+252787-11	+292548-11	+595082-11
+727718-11	+261106-13	+812044-38	+000000+00
+162632-10	+163471-10	+170801-10	+225247-10
+206086-10	+736677-13	+229108-37	+000000+00
+762642-10	+763388-10	+769827-10	+810631-10
+562516-10	+200125-12	+622390-37	+000000+00
+162676-09	+162697-09	+162865-09	+162308-09
+102552-09	+364137-12	+113247-36	+000000+00
+196849-09	+196850-09	+196825-09	+194407-09
+120811-09	+428816-12	+133362-36	+000000+00
+197279-09	+197279-09	+197252-09	+194811-09
+121040-09	+429629-12	+133615-36	+000000+00
+197279-09	+197279-09	+197252-09	+194811-09
+121040-09	+429629-12	+133615-36	+000000+00

ELEMENT	FUNCTION	PHI
28	6	+100000+16

+827430-11	+842571-11	+975108-11	+198357-10
+242572-10	+870354-13	+270681-37	+000000+00
+542015-10	+544813-10	+569249-10	+750767-10
+686951-10	+245559-12	+763692-37	+000000+00
+254127-09	+254376-09	+256526-09	+270156-09
+187505-09	+667082-12	+207463-36	+000000+00
+542022-09	+542095-09	+542664-09	+540884-09
+341837-09	+121379-11	+377491-36	+000000+00
+655877-09	+655879-09	+655810-09	+647846-09
+402700-09	+142939-11	+444541-36	+000000+00
+657308-09	+657309-09	+657233-09	+649190-09
+403465-09	+143210-11	+445384-36	+000000+00
+657308-09	+657309-09	+657233-09	+649190-09
+403465-09	+143210-11	+445384-36	+000000+00

LANTHANUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI	
28	7	+100000+13	
+345574-10	+316499-10	+818870-11	+808883-12
+989157-12	+354911-14	+000000+00	+000000+00
+364307-10	+335285-10	+101128-10	+306179-11
+280124-11	+100133-13	+311417-38	+000000+00
+445878-10	+416842-10	+182564-10	+110195-10
+764607-11	+272021-13	+845990-38	+000000+00
+563358-10	+534251-10	+299324-10	+220643-10
+139395-10	+494967-13	+153932-37	+000000+00
+609820-10	+580683-10	+345495-10	+264281-10
+164214-10	+582872-13	+181274-37	+000000+00
+610403-10	+581266-10	+346075-10	+264829-10
+164526-10	+583977-13	+181618-37	+000000+00
+610403-10	+581266-10	+346075-10	+264829-10
+164526-10	+583977-13	+181618-37	+000000+00

ELEMENT	FUNCTION	PHI	
28	7	+100000+14	
+345574-09	+316499-09	+818870-10	+808883-11
+989157-11	+354911-13	+110378-37	+000000+00
+364307-09	+335285-09	+101128-09	+306179-10
+280124-10	+100133-12	+311417-37	+000000+00
+445877-09	+416842-09	+182564-09	+110195-09
+764607-10	+272021-12	+845990-37	+000000+00
+563357-09	+534249-09	+299323-09	+220643-09
+139395-09	+494967-12	+153932-36	+000000+00
+609818-09	+580681-09	+345493-09	+264280-09
+164214-09	+582872-12	+181274-36	+000000+00
+610402-09	+581265-09	+346074-09	+264828-09
+164526-09	+583977-12	+181618-36	+000000+00
+610402-09	+581265-09	+346074-09	+264828-09
+164526-09	+583977-12	+181618-36	+000000+00

ELEMENT	FUNCTION	PHI	
28	7	+300000+14	
+103672-08	+949497-09	+245661-09	+242665-10
+296747-10	+106473-12	+331133-37	+000000+00
+109292-08	+100585-08	+303384-09	+918535-10
+840372-10	+300400-12	+934250-37	+000000+00
+133763-08	+125052-08	+547689-09	+330583-09
+229382-09	+816064-12	+253797-36	+000000+00
+169006-08	+160274-08	+897961-09	+661923-09
+418184-09	+148487-11	+461797-36	+000000+00
+182944-08	+174203-08	+103647-08	+792833-09
+492641-09	+174862-11	+543822-36	+000000+00
+183120-08	+174378-08	+103821-08	+794478-09
+493577-09	+175193-11	+544853-36	+000000+00
+183120-08	+174378-08	+103821-08	+794478-09
+493577-09	+175193-11	+544853-36	+000000+00

ELEMENT	FUNCTION	PHI	
28	7	+100000+15	
+345574-08	+316499-08	+818870-09	+808881-10
+989157-10	+354911-12	+110378-36	+000000+00
+364307-08	+335284-08	+101128-08	+306176-09
+280124-09	+100133-11	+311417-36	+000000+00
+445873-08	+416837-08	+182560-08	+110192-08
+764607-09	+272021-11	+845990-36	+000000+00
+563345-08	+534237-08	+299312-08	+220635-08
+139394-08	+494967-11	+153932-35	+000000+00
+609803-08	+580666-08	+345479-08	+264270-08
+164214-08	+582872-11	+181274-35	+000000+00
+610387-08	+581250-08	+346059-08	+264819-08
+164526-08	+583977-11	+181618-35	+000000+00
+610387-08	+581250-08	+346059-08	+264819-08
+164526-08	+583977-11	+181618-35	+000000+00

ELEMENT	FUNCTION	PHI	
28	7	+300000+15	
+103672-07	+949497-08	+245661-08	+242663-09
+296747-09	+106473-11	+331133-36	+000000+00
+109292-07	+100585-07	+303380-08	+918509-09
+840372-09	+300400-11	+934250-36	+000000+00
+133759-07	+125048-07	+547650-08	+330557-08
+229382-08	+816064-11	+253797-35	+000000+00
+168996-07	+160263-07	+897858-08	+661855-08
+418183-08	+148487-10	+461797-35	+000000+00
+182931-07	+174190-07	+103634-07	+792749-08
+492640-08	+174862-10	+543822-35	+000000+00
+183106-07	+174365-07	+103808-07	+794394-08
+493576-08	+175193-10	+544853-35	+000000+00
+183106-07	+174365-07	+103808-07	+794394-08
+493576-08	+175193-10	+544853-35	+000000+00

ELEMENT	FUNCTION	PHI	
28	7	+100000+16	
+345574-07	+316499-07	+818867-08	+808864-09
+989157-09	+354911-11	+110378-35	+000000+00
+364302-07	+335279-07	+101123-07	+306147-08
+280124-08	+100133-10	+311417-35	+000000+00
+445827-07	+416792-07	+182516-07	+110164-07
+764603-08	+272021-10	+845990-35	+000000+00
+563225-07	+534117-07	+299197-07	+220560-07
+139393-07	+494957-10	+153932-34	+000000+00
+609652-07	+580516-07	+345335-07	+264177-07
+164212-07	+582872-10	+181274-34	+000000+00
+610236-07	+581099-07	+345915-07	+264725-07
+164524-07	+583977-10	+181618-34	+000000+00
+610236-07	+581099-07	+345915-07	+264725-07
+164524-07	+583977-10	+181618-34	+000000+00

LANTHANUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
28	8	+100000+13

+218930-11	+217387-11	+165944-11	+111239-11
+134763-11	+483530-14	+150378-38	+000000+00
+475192-11	+474309-11	+428705-11	+418180-11
+381640-11	+136422-13	+424273-38	+000000+00
+158651-10	+158545-10	+153819-10	+150234-10
+104170-10	+370601-13	+115257-37	+000000+00
+318706-10	+318502-10	+312892-10	+300708-10
+189911-10	+674328-13	+209717-37	+000000+00
+382004-10	+381761-10	+375795-10	+360160-10
+223724-10	+794104-13	+246967-37	+000000+00
+382800-10	+382556-10	+376586-10	+360907-10
+224149-10	+795609-13	+247436-37	+000000+00
+382800-10	+382556-10	+376586-10	+360907-10
+224149-10	+795609-13	+247436-37	+000000+00

ELEMENT	FUNCTION	PHI
28	8	+100000+14

+218930-10	+217387-10	+165944-10	+111239-10
+134763-10	+483530-13	+150378-37	+000000+00
+475191-10	+474308-10	+428705-10	+418180-10
+381640-10	+136422-12	+424273-37	+000000+00
+158650-09	+158544-09	+153818-09	+150234-09
+104170-09	+370601-12	+115257-36	+000000+00
+318704-09	+318500-09	+312891-09	+300707-09
+189911-09	+674328-12	+209717-36	+000000+00
+382002-09	+381759-09	+375793-09	+360158-09
+223724-09	+794104-12	+246967-36	+000000+00
+382798-09	+382554-09	+376584-09	+360906-09
+224149-09	+795609-12	+247436-36	+000000+00
+382798-09	+382554-09	+376584-09	+360906-09
+224149-09	+795609-12	+247436-36	+000000+00

ELEMENT	FUNCTION	PHI
28	8	+300000+14

+656788-10	+652160-10	+497832-10	+333715-10
+404288-10	+145059-12	+451136-37	+000000+00
+142557-09	+142292-09	+128611-09	+125454-09
+114492-09	+409265-12	+127282-36	+000000+00
+475946-09	+475629-09	+461451-09	+450698-09
+312510-09	+111180-11	+345772-36	+000000+00
+956101-09	+955490-09	+938662-09	+902115-09
+569732-09	+202298-11	+629151-36	+000000+00
+114599-08	+114526-08	+112737-08	+108047-08
+671173-09	+238231-11	+740902-36	+000000+00
+114838-08	+114765-08	+112974-08	+108271-08
+672448-09	+238683-11	+742307-36	+000000+00
+114838-08	+114765-08	+112974-08	+108271-08
+672448-09	+238683-11	+742307-36	+000000+00

ELEMENT	FUNCTION	PHI
28	8	+100000+15

+218929-09	+217386-09	+165944-09	+111238-09
+134763-09	+483530-12	+150378-36	+000000+00
+475184-09	+474302-09	+428698-09	+418176-09
+381640-09	+136422-11	+424273-36	+000000+00
+158644-08	+158538-08	+153812-08	+150230-08
+104170-08	+370601-11	+115257-35	+000000+00
+318688-08	+318484-08	+312875-08	+300697-08
+189911-08	+674328-11	+209717-35	+000000+00
+381982-08	+381738-08	+375774-08	+360146-08
+223724-08	+794104-11	+246967-35	+000000+00
+382777-08	+382533-08	+376564-08	+360893-08
+224149-08	+795609-11	+247436-35	+000000+00
+382777-08	+382533-08	+376564-08	+360893-08
+224149-08	+795609-11	+247436-35	+000000+00

ELEMENT	FUNCTION	PHI
28	8	+300000+15

+656785-09	+652157-09	+497828-09	+333713-09
+404288-09	+145059-11	+451136-36	+000000+00
+142551-08	+142286-08	+128605-08	+125450-08
+114492-08	+409265-11	+127282-35	+000000+00
+475890-08	+475574-08	+461398-08	+450663-08
+312509-08	+111180-10	+345772-35	+000000+00
+955953-08	+955342-08	+938521-08	+902023-08
+569731-08	+202298-10	+629151-35	+000000+00
+114581-07	+114508-07	+112719-07	+108035-07
+671171-08	+238231-10	+740902-35	+000000+00
+114819-07	+114746-07	+112956-07	+108259-07
+672446-08	+238683-10	+742307-35	+000000+00
+114819-07	+114746-07	+112956-07	+108259-07
+672446-08	+238683-10	+742307-35	+000000+00

ELEMENT	FUNCTION	PHI
28	8	+100000+16

+218925-08	+217383-08	+165940-08	+111236-08
+134762-08	+483530-11	+150378-35	+000000+00
+475120-08	+474237-08	+428637-08	+418136-08
+381640-08	+136422-10	+424273-35	+000000+00
+158582-07	+158477-07	+153753-07	+150191-07
+104169-07	+370601-10	+115257-34	+000000+00
+318523-07	+318320-07	+312718-07	+300595-07
+189909-07	+674328-10	+209717-34	+000000+00
+381776-07	+381534-07	+375578-07	+360018-07
+223722-07	+794104-10	+246967-34	+000000+00
+382571-07	+382328-07	+376368-07	+360765-07
+224147-07	+795609-10	+247436-34	+000000+00
+382571-07	+382328-07	+376368-07	+360765-07
+224147-07	+795609-10	+247436-34	+000000+00

LANTHANUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI	
28	9	+100000+13	
+294225-13	+299608-13	+346731-13	+705288-13
+862480-13	+309459-16	+000000+00	+000000+00
+192763-12	+193757-12	+202444-12	+266968-12
+244250-12	+873098-15	+000000+00	+000000+00
+904004-12	+904888-12	+912514-12	+960829-12
+666687-12	+237185-14	+000000+00	+000000+00
+192836-11	+192861-11	+193058-11	+192386-11
+121543-11	+431570-14	+000000+00	+000000+00
+233347-11	+233347-11	+233316-11	+230435-11
+143184-11	+508226-14	+158059-38	+000000+00
+233856-11	+233856-11	+233822-11	+230914-11
+143456-11	+509190-14	+158359-38	+000000+00
+233856-11	+233856-11	+233822-11	+230914-11
+143456-11	+509190-14	+158359-38	+000000+00

ELEMENT	FUNCTION	PHI	
28	9	+100000+14	
+294224-12	+299608-12	+346731-12	+705288-12
+862480-12	+309459-14	+000000+00	+000000+00
+192762-11	+193757-11	+202443-11	+266968-11
+244250-11	+873098-14	+271535-38	+000000+00
+904000-11	+904884-11	+912510-11	+960827-11
+666687-11	+237185-13	+737648-38	+000000+00
+192835-10	+192860-10	+193057-10	+192386-10
+121543-10	+431570-13	+134219-37	+000000+00
+233345-10	+233345-10	+233315-10	+230435-10
+143184-10	+508226-13	+158059-37	+000000+00
+233855-10	+233854-10	+233821-10	+230913-10
+143456-10	+509190-13	+158359-37	+000000+00
+233855-10	+233854-10	+233821-10	+230913-10
+143456-10	+509190-13	+158359-37	+000000+00

ELEMENT	FUNCTION	PHI	
28	9	+300000+14	
+882672-12	+898821-12	+104019-11	+211586-11
+258744-11	+928377-14	+288727-38	+000000+00
+578284-11	+581267-11	+607327-11	+800901-11
+732749-11	+261930-13	+814605-38	+000000+00
+271197-10	+271463-10	+273750-10	+288246-10
+200006-10	+711554-13	+221294-37	+000000+00
+578497-10	+578573-10	+579165-10	+577153-10
+364629-10	+129471-12	+402667-37	+000000+00
+700027-10	+700027-10	+699936-10	+691298-10
+429551-10	+152468-12	+474177-37	+000000+00
+701555-10	+701554-10	+701454-10	+692733-10
+430367-10	+152767-12	+475076-37	+000000+00
+701555-10	+701554-10	+701454-10	+692733-10
+430367-10	+152767-12	+475076-37	+000000+00

ELEMENT	FUNCTION	PHI	
28	9	+100000+15	
+294222-11	+299605-11	+346728-11	+705286-11
+862480-11	+309459-13	+962422-38	+000000+00
+192758-10	+193752-10	+202439-10	+266965-10
+244250-10	+873098-13	+271535-37	+000000+00
+903960-10	+904844-10	+912472-10	+960802-10
+666687-10	+237185-12	+737648-37	+000000+00
+192824-09	+192850-09	+193047-09	+192379-09
+121543-09	+431570-12	+134219-36	+000000+00
+233332-09	+233332-09	+233302-09	+230426-09
+143183-09	+508226-12	+158059-36	+000000+00
+233841-09	+233841-09	+233808-09	+230905-09
+143455-09	+509190-12	+158359-36	+000000+00
+233841-09	+233841-09	+233808-09	+230905-09
+143455-09	+509190-12	+158359-36	+000000+00

ELEMENT	FUNCTION	PHI	
28	9	+300000+15	
+882650-11	+898800-11	+104017-10	+211585-10
+258744-10	+928377-13	+288727-37	+000000+00
+578247-10	+581230-10	+607291-10	+800878-10
+732749-10	+261930-12	+814605-37	+000000+00
+271162-09	+271427-09	+273716-09	+288224-09
+200006-09	+711554-12	+221294-36	+000000+00
+578402-09	+578479-09	+579075-09	+577094-09
+364628-09	+129471-11	+402657-36	+000000+00
+699909-09	+699910-09	+699823-09	+691225-09
+429550-09	+152468-11	+474177-36	+000000+00
+701436-09	+701436-09	+701341-09	+692660-09
+430366-09	+152767-11	+475076-36	+000000+00
+701436-09	+701436-09	+701341-09	+692660-09
+430366-09	+152767-11	+475076-36	+000000+00

ELEMENT	FUNCTION	PHI	
28	9	+100000+16	
+294197-10	+299581-10	+346705-10	+705271-10
+862480-10	+309459-12	+962422-37	+000000+00
+192717-09	+193711-09	+202400-09	+266939-09
+244249-09	+873098-12	+271535-36	+000000+00
+903563-09	+904449-09	+912093-09	+960556-09
+666684-09	+237185-11	+737648-36	+000000+00
+192719-08	+192745-08	+192947-08	+192314-08
+121542-08	+431570-11	+134219-35	+000000+00
+233201-08	+233202-08	+233177-08	+230345-08
+143182-08	+508226-11	+158059-35	+000000+00
+233710-08	+233710-08	+233683-08	+230823-08
+143454-08	+509190-11	+158359-35	+000000+00
+233710-08	+233710-08	+233683-08	+230823-08
+143454-08	+509190-11	+158359-35	+000000+00

CERIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
29	1	+100000+13

+121871-04	+122473-04	+125351-04	+119437-04
+110354-04	+100300-04	+729962-05	+707600-05
+354363-04	+354834-04	+356575-04	+342392-04
+332557-04	+300486-04	+218970-04	+212280-04
+111713-03	+111759-03	+111926-03	+110561-03
+112117-03	+996948-04	+729686-04	+707600-04
+337426-03	+337475-03	+337671-03	+336573-03
+338404-03	+295461-03	+218727-03	+212280-03
+108427-02	+108430-02	+108438-02	+108211-02
+107225-02	+952480-03	+727164-03	+707596-03
+292318-02	+292321-02	+292316-02	+291962-02
+289750-02	+268167-02	+216845-02	+212276-02
+835503-02	+835504-02	+835487-02	+835014-02
+831629-02	+799793-02	+715158-02	+707558-02

ELEMENT	FUNCTION	PHI
29	1	+100000+14

+121871-03	+122473-03	+125351-03	+119437-03
+110354-03	+100300-03	+729961-04	+707600-04
+354362-03	+354833-03	+356575-03	+342391-03
+332556-03	+300486-03	+218970-03	+212280-03
+111713-02	+111759-02	+111926-02	+110561-02
+112117-02	+996946-03	+729683-03	+707596-03
+337423-02	+337472-02	+337668-02	+336570-02
+338401-02	+295457-02	+218724-02	+212277-02
+108423-01	+108427-01	+108435-01	+108207-01
+107221-01	+952444-02	+727128-02	+707560-02
+292285-01	+292287-01	+292283-01	+291929-01
+289716-01	+268133-01	+216811-01	+212243-01
+835129-01	+835130-01	+835113-01	+834640-01
+831255-01	+799419-01	+714784-01	+707184-01

ELEMENT	FUNCTION	PHI
29	1	+300000+14

+365614-03	+367418-03	+376052-03	+358312-03
+331061-03	+300900-03	+218988-03	+212280-03
+106309-02	+106450-02	+106972-02	+102717-02
+997667-03	+901455-03	+656908-03	+636837-03
+335136-02	+335274-02	+335775-02	+331681-02
+336349-02	+299081-02	+218903-02	+212277-02
+101225-01	+101240-01	+101298-01	+100969-01
+101518-01	+886352-02	+656151-02	+636809-02
+325245-01	+325256-01	+325280-01	+324598-01
+321639-01	+285709-01	+218114-01	+212244-01
+876633-01	+876640-01	+876625-01	+875563-01
+868926-01	+804178-01	+650212-01	+636506-01
+250290+00	+250290+00	+250285+00	+250143+00
+249127+00	+239577+00	+214186+00	+211906+00

ELEMENT	FUNCTION	PHI
29	1	+100000+15

+121871-02	+122472-02	+125350-02	+119437-02
+110354-02	+100300-02	+729959-03	+707597-03
+354360-02	+354831-02	+356572-02	+342389-02
+332554-02	+300483-02	+218967-02	+212277-02
+111710-01	+111756-01	+111923-01	+110558-01
+112114-01	+996913-02	+729651-02	+707564-02
+337392-01	+337441-01	+337638-01	+336539-01
+338370-01	+295427-01	+218693-01	+212246-01
+108387+00	+108390+00	+108398+00	+108171+00
+107185+00	+952082-01	+726766-01	+707197-01
+291952+00	+291954+00	+291949+00	+291595+00
+289383+00	+267800+00	+216478+00	+211910+00
+831406+00	+831407+00	+831390+00	+830917+00
+827532+00	+795696+00	+711061+00	+703461+00

ELEMENT	FUNCTION	PHI
29	1	+300000+15

+365612-02	+367416-02	+376050-02	+358310-02
+331059-02	+300898-02	+218986-02	+212278-02
+106306-01	+106448-01	+106970-01	+102715-01
+997644-02	+901432-02	+656884-02	+636814-02
+335108-01	+335247-01	+335747-01	+331653-01
+336321-01	+299052-01	+218874-01	+212248-01
+101197+00	+101212+00	+101271+00	+100941+00
+101490+00	+886073-01	+655872-01	+636531-01
+324920+00	+324931+00	+324954+00	+324272+00
+321314+00	+285383+00	+217788+00	+211918+00
+873643+00	+873650+00	+873636+00	+872574+00
+865936+00	+801188+00	+647222+00	+633516+00
+246975+01	+246976+01	+246970+01	+246829+01
+245813+01	+236262+01	+210872+01	+208592+01

ELEMENT	FUNCTION	PHI
29	1	+100000+16

+121869-01	+122470-01	+125348-01	+119435-01
+110351-01	+100297-01	+729934-02	+707572-02
+354335-01	+354806-01	+356548-01	+342364-01
+332528-01	+300457-01	+218941-01	+212251-01
+111679+00	+111725+00	+111892+00	+110527+00
+112082+00	+996593-01	+729331-01	+707244-01
+337086+00	+337136+00	+337332+00	+336232+00
+338061+00	+295117+00	+218384+00	+211937+00
+108027+01	+108030+01	+108038+01	+107811+01
+106824+01	+948477+00	+723161+00	+703592+00
+288668+01	+288670+01	+288665+01	+288311+01
+286099+01	+264516+01	+213194+01	+208625+01
+795932+01	+795933+01	+795917+01	+795443+01
+792057+01	+760222+01	+675587+01	+667987+01

CERIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
29	2	+100000+13

+160517-20	+679777-21	+432231-21	+267503-21
+220713-22	+390446-23	+166807-24	+271856-35
+203270-20	+110510-20	+838296-21	+527303-21
+634084-22	+115564-22	+499042-24	+813321-35
+235999-20	+143138-20	+115572-20	+776884-21
+191483-21	+368084-22	+164753-23	+268508-34
+270315-20	+177445-20	+149797-20	+111144-20
+465965-21	+983089-22	+480926-23	+783796-34
+322622-20	+229743-20	+202008-20	+162495-20
+903046-21	+245595-21	+145968-22	+237893-33
+361035-20	+268152-20	+240393-20	+200634-20
+126185-20	+485358-21	+340778-22	+555388-33
+396813-20	+303929-20	+276161-20	+236312-20
+160979-20	+756502-21	+566902-22	+923917-33

ELEMENT	FUNCTION	PHI
29	2	+100000+14

+160517-19	+679777-20	+432231-20	+267503-20
+220713-21	+390446-22	+166807-23	+271856-34
+203270-19	+110510-19	+838296-20	+527303-20
+634084-21	+115564-21	+499042-23	+813321-34
+235999-19	+143138-19	+115572-19	+776884-20
+191483-20	+368084-21	+164753-22	+268509-33
+270315-19	+177445-19	+149797-19	+111144-19
+465965-20	+983089-21	+480926-22	+783796-33
+322622-19	+229743-19	+202008-19	+162495-19
+903046-20	+245595-20	+145968-21	+237893-32
+361035-19	+268152-19	+240393-19	+200634-19
+126185-19	+485358-20	+340778-21	+555388-32
+396813-19	+303929-19	+276161-19	+236312-19
+160979-19	+756502-20	+566902-21	+923917-32

ELEMENT	FUNCTION	PHI
29	2	+300000+14

+481552-19	+203933-19	+129669-19	+802510-20
+662140-21	+117134-21	+500420-23	+815567-34
+609810-19	+331531-19	+251489-19	+158191-19
+190225-20	+346692-21	+149713-22	+243996-33
+707996-19	+429413-19	+346715-19	+233065-19
+574448-20	+110425-20	+494259-22	+805526-33
+810945-19	+532335-19	+449392-19	+333432-19
+139790-19	+294927-20	+144278-21	+235139-32
+967867-19	+689228-19	+606025-19	+487486-19
+270914-19	+736784-20	+437904-21	+713680-32
+108310-18	+804457-19	+721179-19	+601902-19
+378555-19	+145607-19	+102233-20	+166617-31
+119044-18	+911788-19	+828483-19	+708937-19
+482937-19	+226951-19	+170070-20	+277175-31

ELEMENT	FUNCTION	PHI
29	2	+100000+15

+160517-18	+679777-19	+432231-19	+267503-19
+220713-20	+390446-21	+166807-22	+271856-33
+203270-18	+110510-18	+838296-19	+527303-19
+634084-20	+115564-20	+499042-22	+813321-33
+235999-18	+143138-18	+115572-18	+776884-19
+191483-19	+368084-20	+164753-21	+268509-32
+270315-18	+177445-18	+149797-18	+111144-18
+465965-19	+983089-20	+480926-21	+783796-32
+322622-18	+229743-18	+202008-18	+162495-18
+903046-19	+245595-19	+145968-20	+237893-31
+361035-18	+268152-18	+240393-18	+200634-18
+126185-18	+485358-19	+340778-20	+555388-31
+396813-18	+303929-18	+276161-18	+236312-18
+160979-18	+756502-19	+566902-20	+923917-31

ELEMENT	FUNCTION	PHI
29	2	+300000+15

+481552-18	+203933-18	+129669-18	+802510-19
+662140-20	+117134-20	+500420-22	+815567-33
+609810-18	+331531-18	+251489-18	+158191-18
+190225-19	+346692-20	+149713-21	+243996-32
+707996-18	+429413-18	+346715-18	+233065-18
+574448-19	+110425-19	+494259-21	+805526-32
+810945-18	+532335-18	+449392-18	+333432-18
+139790-18	+294927-19	+144278-20	+235139-31
+967867-18	+689228-18	+606025-18	+487486-18
+270914-18	+736784-19	+437904-20	+713680-31
+108310-17	+804457-18	+721179-18	+601902-18
+378555-18	+145607-18	+102233-19	+166617-30
+119044-17	+911788-18	+828483-18	+708937-18
+482937-18	+226951-18	+170070-19	+277175-30

ELEMENT	FUNCTION	PHI
29	2	+100000+16

+160517-17	+679777-18	+432231-18	+267503-18
+220713-19	+390446-20	+166807-21	+271856-32
+203270-17	+110510-17	+838296-18	+527303-18
+634084-19	+115564-19	+499042-21	+813321-32
+235999-17	+143138-17	+115572-17	+776885-18
+191483-18	+368084-19	+164753-20	+268509-31
+270315-17	+177445-17	+149797-17	+111144-17
+465965-18	+983089-19	+480926-20	+783796-31
+322622-17	+229743-17	+202008-17	+162495-17
+903046-18	+245595-18	+145968-19	+237893-30
+361035-17	+268152-17	+240393-17	+200634-17
+126185-17	+485358-18	+340778-19	+555388-30
+396813-17	+303929-17	+276161-17	+236312-17
+160979-17	+756502-18	+566902-19	+923917-30

CERIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
29	3	+100000+13

+183194-23	+128196-23	+822439-24	+492988-24
+136591-25	+160478-26	+425154-28	+000000+00
+260590-23	+205158-23	+155406-23	+936453-24
+373484-25	+472937-26	+127195-27	+207298-38
+302406-23	+246779-23	+195319-23	+120578-23
+106028-24	+148409-26	+419919-27	+684370-38
+320943-23	+265308-23	+213781-23	+138445-23
+248302-24	+380681-26	+122577-26	+199773-37
+346067-23	+290427-23	+238852-23	+163034-23
+451455-24	+851918-26	+372040-26	+606339-37
+358301-23	+302660-23	+251072-23	+175137-23
+561914-24	+148288-24	+868569-26	+141556-36
+367436-23	+311794-23	+260205-23	+184247-23
+650723-24	+217410-24	+144491-26	+235486-36

ELEMENT	FUNCTION	PHI
29	3	+100000+14

+183194-22	+128196-22	+822439-23	+492988-23
+136591-24	+160478-26	+425154-27	+692901-38
+260590-22	+205158-22	+155406-22	+936453-23
+373484-24	+472937-26	+127195-26	+207298-37
+302406-22	+246779-22	+195319-22	+120578-22
+106028-23	+148409-24	+419919-26	+684370-37
+320943-22	+265308-22	+213781-22	+138445-22
+248302-23	+380681-24	+122577-25	+199773-36
+346067-22	+290427-22	+238852-22	+163034-22
+451455-23	+851918-24	+372040-25	+606339-36
+358301-22	+302660-22	+251072-22	+175137-22
+561914-23	+148288-23	+868569-25	+141556-35
+367436-22	+311795-22	+260205-22	+184247-22
+650723-23	+217410-23	+144491-24	+235486-35

ELEMENT	FUNCTION	PHI
29	3	+300000+14

+549581-22	+384589-22	+246732-22	+147897-22
+409774-24	+481434-25	+127546-26	+207870-37
+781771-22	+615475-22	+466218-22	+280936-22
+112045-23	+141881-24	+381585-26	+621894-37
+907218-22	+740336-22	+585957-22	+361734-22
+318085-23	+445227-24	+125976-25	+205311-36
+962828-22	+795923-22	+641344-22	+415336-22
+744906-23	+114204-23	+367732-25	+599318-36
+103820-21	+871281-22	+716555-22	+489102-22
+135436-22	+255575-23	+111612-24	+181902-35
+107490-21	+907979-22	+753217-22	+525412-22
+168574-22	+444863-23	+260571-24	+424669-35
+110231-21	+935383-22	+780615-22	+552740-22
+195217-22	+652229-23	+433473-24	+706459-35

ELEMENT	FUNCTION	PHI
29	3	+100000+15

+183194-21	+128196-21	+822439-22	+492988-22
+136591-23	+160478-24	+425154-26	+692901-37
+260590-21	+205158-21	+155406-21	+936453-22
+373484-23	+472937-24	+127195-25	+207298-36
+302406-21	+246779-21	+195319-21	+120578-21
+106028-22	+148409-23	+419919-25	+684370-36
+320943-21	+265308-21	+213781-21	+138445-21
+248302-22	+380681-23	+122577-24	+199773-35
+346067-21	+290427-21	+238852-21	+163034-21
+451455-22	+851918-23	+372040-24	+606339-35
+358301-21	+302660-21	+251072-21	+175137-21
+561914-22	+148288-22	+868569-24	+141556-34
+367436-21	+311794-21	+260205-21	+184247-21
+650723-22	+217410-22	+144491-23	+235486-34

ELEMENT	FUNCTION	PHI
29	3	+300000+15

+549581-21	+384589-21	+246732-21	+147897-21
+409774-23	+481434-24	+127546-25	+207870-36
+781771-21	+615475-21	+466218-21	+280936-21
+112045-22	+141881-23	+381585-25	+621894-36
+907218-21	+740336-21	+585957-21	+361734-21
+318085-22	+445227-23	+125976-24	+205311-35
+962828-21	+795923-21	+641344-21	+415336-21
+744906-22	+114204-22	+367732-24	+599318-35
+103820-20	+871281-21	+716555-21	+489102-21
+135436-21	+255575-22	+111612-23	+181902-34
+107490-20	+907978-21	+753217-21	+525412-21
+168574-21	+444863-22	+260571-23	+424669-34
+110231-20	+935383-21	+780615-21	+552740-21
+195217-21	+652229-22	+433473-23	+706459-34

ELEMENT	FUNCTION	PHI
29	3	+100000+16

+183194-20	+128196-20	+822439-21	+492988-21
+136591-22	+160478-23	+425154-25	+692901-36
+260590-20	+205158-20	+155406-20	+936453-21
+373484-22	+472937-23	+127195-24	+207298-35
+302406-20	+246779-20	+195319-20	+120578-20
+106028-21	+148409-22	+419919-24	+684370-35
+320943-20	+265308-20	+213781-20	+138445-20
+248302-21	+380681-22	+122577-23	+199773-34
+346067-20	+290427-20	+238852-20	+163034-20
+451455-21	+851918-22	+372040-23	+606339-34
+358301-20	+302660-20	+251072-20	+175137-20
+561914-21	+148288-21	+868569-23	+141556-33
+367436-20	+311795-20	+260205-20	+184247-20
+650723-21	+217410-21	+144491-22	+235486-33

CERIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
29	4	+100000+13	
+604192-23	+255108-23	+170440-23	+102572-23
+352786-25	+447623-26	+128535-27	+209482-38
+765582-23	+415601-23	+323091-23	+195745-23
+978672-25	+131995-25	+384543-27	+626714-38
+857303-23	+506918-23	+410875-23	+256639-23
+282898-24	+415068-25	+126952-26	+206902-37
+907072-23	+556670-23	+460465-23	+304769-23
+668486-24	+107077-24	+370583-26	+603963-37
+975768-23	+625351-23	+529016-23	+372025-23
+122616-23	+243641-24	+112477-25	+183312-36
+101125-22	+660829-23	+564460-23	+407149-23
+154840-23	+433174-24	+262591-25	+427961-36
+103886-22	+688436-23	+592061-23	+434679-23
+181682-23	+642139-24	+436833-25	+711935-36

ELEMENT	FUNCTION	PHI	
29	4	+100000+14	
+604192-22	+255108-22	+170440-22	+102572-22
+352786-24	+447623-25	+128535-26	+209482-37
+765582-22	+415601-22	+323091-22	+195745-22
+978672-24	+131995-24	+384543-26	+626714-37
+857303-22	+506918-22	+410875-22	+256639-22
+282898-23	+415068-24	+126952-25	+206902-36
+907072-22	+556670-22	+460465-22	+304769-22
+668486-23	+107077-23	+370583-25	+603963-36
+975769-22	+625351-2.	+529016-22	+372025-22
+122616-22	+243642-23	+112477-24	+183312-35
+101125-21	+660829-22	+564461-22	+407149-22
+154840-22	+433174-23	+262591-24	+427961-35
+103886-21	+688436-22	+592061-22	+434679-22
+181682-22	+642139-23	+436833-24	+711935-35

ELEMENT	FUNCTION	PHI	
29	4	+300000+14	
+181257-21	+765324-22	+511321-22	+307717-22
+105836-23	+134287-24	+385605-26	+628445-37
+229674-21	+124680-21	+969274-22	+587234-22
+293602-23	+395985-24	+115363-25	+188014-36
+257191-21	+152076-21	+123263-21	+769917-22
+848693-23	+124517-23	+380857-25	+620707-36
+272122-21	+167001-21	+138140-21	+914306-22
+200546-22	+321230-23	+111175-24	+181189-35
+292731-21	+187605-21	+158705-21	+111607-21
+367849-22	+730924-23	+337432-24	+549935-35
+303375-21	+198249-21	+169338-21	+122145-21
+464521-22	+129952-22	+787772-24	+128388-34
+311657-21	+206531-21	+177618-21	+130404-21
+545046-22	+192642-22	+131050-23	+213581-34

ELEMENT	FUNCTION	PHI	
29	4	+100000+15	
+604192-21	+255108-21	+170440-21	+102572-21
+352786-23	+447623-24	+128535-25	+209482-36
+765582-21	+415601-21	+323091-21	+195745-21
+978672-23	+131995-23	+384543-25	+626714-36
+857303-21	+506918-21	+410875-21	+256639-21
+282898-22	+415068-23	+126952-24	+206902-35
+907072-21	+556670-21	+460465-21	+304769-21
+668486-22	+107077-22	+370583-24	+603963-35
+975768-21	+625351-21	+529016-21	+372025-21
+122616-21	+243642-22	+112477-23	+183312-34
+101125-20	+660829-21	+564460-21	+407149-21
+154840-21	+433174-22	+262591-23	+427961-34
+103886-20	+688436-21	+592061-21	+434679-21
+181682-21	+642139-22	+436833-23	+711935-34

ELEMENT	FUNCTION	PHI	
29	4	+300000+15	
+181257-20	+765324-21	+511321-21	+307717-21
+105836-22	+134287-23	+385605-25	+628445-36
+229674-20	+124680-20	+969274-21	+587234-21
+293602-22	+395985-23	+115363-24	+188014-35
+257191-20	+152076-20	+123263-20	+769917-21
+848693-22	+124517-22	+380857-24	+620707-35
+272122-20	+167001-20	+138140-20	+914306-21
+200546-21	+321230-22	+111175-23	+181189-34
+292731-20	+187605-20	+158705-20	+111607-20
+367849-21	+730924-22	+337432-23	+549935-34
+303375-20	+198249-20	+169338-20	+122145-20
+464521-21	+129952-21	+787772-23	+128388-33
+311657-20	+206531-20	+177618-20	+130404-20
+545046-21	+192642-21	+131050-22	+213581-33

ELEMENT	FUNCTION	PHI	
29	4	+100000+16	
+604192-20	+255108-20	+170440-20	+102572-20
+352786-22	+447623-23	+128535-24	+209482-35
+765582-20	+415601-20	+323091-20	+195745-20
+978672-22	+131995-22	+384543-24	+626714-35
+857303-20	+506918-20	+410875-20	+256639-20
+282898-21	+415068-22	+126952-23	+206902-34
+907072-20	+556670-20	+460465-20	+304769-20
+668486-21	+107077-21	+370583-23	+603963-34
+975769-20	+625351-20	+529016-20	+372025-20
+122616-20	+243642-21	+112477-22	+183312-33
+101125-19	+660829-20	+564461-20	+407149-20
+154840-20	+433174-21	+262591-22	+427961-33
+103886-19	+688436-20	+592061-20	+434679-20
+181682-20	+642139-21	+436833-22	+711935-33

CERIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
29	5	+100000+13

+574405-29	+580385-29	+608230-29	+621790-29
+704792-29	+834737-29	+835200-29	+835200-29
+182575-28	+183189-28	+186113-28	+189019-28
+213749-28	+250429-28	+250560-28	+250560-28
+650367-28	+651047-28	+654571-28	+663406-28
+735138-28	+834845-28	+835199-28	+835199-28
+216722-27	+216800-27	+217238-27	+218957-27
+232348-27	+250495-27	+250559-27	+250559-27
+795299-27	+795380-27	+795853-27	+797902-27
+813747-27	+835118-27	+835194-27	+835194-27
+246557-26	+246566-26	+246613-26	+246818-26
+248406-26	+250647-26	+250554-26	+250554-26
+831141-26	+831149-26	+831197-26	+831402-26
+832989-26	+835131-26	+835138-26	+835138-26

ELEMENT	FUNCTION	PHI
29	5	+100000+14

+574405-28	+580384-28	+608230-28	+621789-28
+704791-28	+834737-28	+835200-28	+835200-28
+182575-27	+183188-27	+186113-27	+189018-27
+213749-27	+250429-27	+250560-27	+250560-27
+650362-27	+651042-27	+654566-27	+663401-27
+735133-27	+834840-27	+835194-27	+835194-27
+216717-26	+216795-26	+217233-26	+218952-26
+232343-26	+250490-26	+250555-26	+250555-26
+795244-26	+795326-26	+795798-26	+797847-26
+813692-26	+835063-26	+835139-26	+835139-26
+246507-25	+246516-25	+246563-25	+246768-25
+248356-25	+250497-25	+250505-25	+250505-25
+830584-25	+830592-25	+830640-25	+830845-25
+832433-25	+834574-25	+834581-25	+834581-25

ELEMENT	FUNCTION	PHI
29	5	+300000+14

+172321-27	+174115-27	+182469-27	+186537-27
+211437-27	+250421-27	+250560-27	+250560-27
+547722-27	+549562-27	+558335-27	+567052-27
+641243-27	+751284-27	+751676-27	+751676-27
+195105-26	+195309-26	+196366-26	+199017-26
+220536-26	+250448-26	+250555-26	+250555-26
+650119-26	+650352-26	+651668-26	+656825-26
+696998-26	+751438-26	+751632-26	+751632-26
+238537-25	+238561-25	+238703-25	+239318-25
+244071-25	+250482-25	+250505-25	+250505-25
+739189-25	+739214-25	+739356-25	+739972-25
+744734-25	+761168-25	+751181-25	+751181-25
+248805-24	+248807-24	+248821-24	+248883-24
+249359-24	+250001-24	+250004-24	+250004-24

ELEMENT	FUNCTION	PHI
29	5	+100000+15

+574401-27	+580380-27	+608226-27	+621785-27
+704787-27	+834732-27	+835195-27	+835195-27
+182571-26	+183184-26	+186108-26	+189014-26
+213744-26	+250425-26	+250555-26	+250555-26
+650311-26	+650991-26	+654515-26	+663349-26
+735081-26	+834788-26	+835142-26	+835142-26
+216669-25	+216747-25	+217185-25	+218904-25
+232295-25	+250442-25	+250506-25	+250506-25
+794695-25	+794777-25	+795249-25	+797298-25
+813143-25	+834514-25	+834590-25	+834590-25
+246009-24	+246017-24	+246064-24	+246270-24
+247857-24	+249998-24	+250006-24	+250006-24
+825047-24	+825055-24	+825102-24	+825307-24
+826895-24	+829036-24	+829044-24	+829044-24

ELEMENT	FUNCTION	PHI
29	5	+300000+15

+172317-26	+174111-26	+182465-26	+186533-26
+211433-26	+250417-26	+250556-26	+250556-26
+547683-26	+549523-26	+558296-26	+567012-26
+641204-26	+751244-26	+751636-26	+751636-26
+195059-25	+195263-25	+196320-25	+198970-25
+220490-25	+250402-25	+250508-25	+250508-25
+649686-25	+649919-25	+651234-25	+656391-25
+696563-25	+751003-25	+751197-25	+751197-25
+238043-24	+238067-24	+238209-24	+238824-24
+243577-24	+249988-24	+250011-24	+250011-24
+734719-24	+734743-24	+734885-24	+735501-24
+740264-24	+746687-24	+746710-24	+746710-24
+243881-23	+243884-23	+243898-23	+243960-23
+244436-23	+245078-23	+245080-23	+245080-23

ELEMENT	FUNCTION	PHI
29	5	+100000+16

+574357-26	+580336-26	+608182-26	+621741-26
+704743-26	+834688-26	+835151-26	+835151-26
+182527-25	+183141-25	+186065-25	+188970-25
+213700-25	+250380-25	+250511-25	+250511-25
+649799-25	+650479-25	+654003-25	+662834-25
+734561-25	+834268-25	+834622-25	+834622-25
+216188-24	+216266-24	+216704-24	+218423-24
+231812-24	+249959-24	+250023-24	+250023-24
+789235-24	+789316-24	+789789-24	+791837-24
+807680-24	+829051-24	+829127-24	+829127-24
+241105-23	+241113-23	+241160-23	+241365-23
+242963-23	+245094-23	+245102-23	+245102-23
+772604-23	+772612-23	+772659-23	+772864-23
+774452-23	+776593-23	+776601-23	+776601-23

CERIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
29	6	+100000+13

+157698-10	+824171-11	+239010-11	+169817-11
+505145-12	+842123-13	+308592-14	+502933-25
+186739-10	+111357-10	+519601-11	+382896-11
+147526-11	+248849-12	+923227-14	+150464-24
+232637-10	+157203-10	+973438-11	+799904-11
+452917-11	+788237-12	+304793-13	+496741-24
+313979-10	+238526-10	+178496-10	+159466-10
+110278-10	+207440-11	+889712-13	+145002-23
+433922-10	+358445-10	+298202-10	+277066-10
+209168-10	+498753-11	+270041-12	+440103-23
+509786-10	+434304-10	+374003-10	+352305-10
+279282-10	+946217-11	+630440-12	+102747-22
+576007-10	+500523-10	+440206-10	+418341-10
+343676-10	+144786-10	+104877-11	+170925-22

ELEMENT	FUNCTION	PHI
29	6	+100000+14

+157698-09	+824171-10	+239010-10	+169817-10
+505145-11	+842123-12	+308592-13	+502933-24
+186739-09	+111357-09	+519601-10	+382896-10
+147526-10	+248849-11	+923227-13	+150464-23
+232637-09	+157203-09	+973439-10	+799904-10
+452917-10	+788237-11	+304793-12	+496741-23
+313979-09	+238526-09	+178496-09	+159466-09
+110278-09	+207440-10	+889713-12	+145002-22
+433922-09	+358445-09	+298202-09	+277066-09
+209168-09	+498753-10	+270041-11	+440103-22
+509786-09	+434304-09	+374003-09	+352305-09
+279282-09	+946217-10	+630440-11	+102747-21
+576007-09	+500523-09	+440206-09	+418341-09
+343676-09	+144786-09	+104877-10	+170925-21

ELEMENT	FUNCTION	PHI
29	6	+300000+14

+473093-09	+247251-09	+717031-10	+509450-10
+151543-10	+252637-11	+925777-13	+150880-23
+560216-09	+334072-09	+155880-09	+114869-09
+442578-10	+746548-11	+276968-12	+451393-23
+697910-09	+471609-09	+292032-09	+239971-09
+135875-09	+236471-10	+914378-12	+149022-22
+941936-09	+715578-09	+535488-09	+478399-09
+330833-09	+622321-10	+266914-11	+435007-22
+130177-08	+107534-08	+894606-09	+831199-09
+627503-09	+149626-09	+810122-11	+132031-21
+152936-08	+130291-08	+112201-08	+105691-08
+837845-09	+283865-09	+189132-10	+308241-21
+172802-08	+150157-08	+132062-08	+125502-08
+103103-08	+434357-09	+314630-10	+512774-21

ELEMENT	FUNCTION	PHI
29	6	+100000+15

+157698-08	+824171-09	+239010-09	+169817-09
+505145-10	+842123-11	+308592-12	+502933-23
+186739-08	+111357-08	+519601-09	+382896-09
+147526-09	+248849-10	+923227-12	+150464-22
+232637-08	+157203-08	+973439-09	+799904-09
+452917-09	+788237-10	+304793-11	+496741-22
+313979-08	+238526-08	+178496-08	+159466-08
+110278-08	+207440-09	+889713-11	+145002-21
+433922-08	+358445-08	+298202-08	+277066-08
+209168-08	+498753-09	+270041-10	+440103-21
+509786-08	+434304-08	+374003-08	+352305-08
+279282-08	+946217-09	+630440-10	+102747-20
+576007-08	+500523-08	+440206-08	+418341-08
+343676-08	+144786-08	+104877-09	+170925-20

ELEMENT	FUNCTION	PHI
29	6	+300000+15

+473093-08	+247251-08	+717031-09	+509450-09
+151543-09	+252637-10	+925777-12	+150880-22
+560216-08	+334072-08	+155880-08	+114869-08
+442578-09	+746548-10	+276968-11	+451393-22
+697910-08	+471609-08	+292032-08	+239971-08
+135875-08	+236471-09	+914378-11	+149022-21
+941937-08	+715578-08	+535488-08	+478399-08
+330833-08	+622321-09	+266914-10	+435007-21
+130177-07	+107534-07	+894606-08	+831199-08
+627503-08	+149626-08	+810122-10	+132031-20
+152936-07	+130291-07	+112201-07	+105691-07
+837845-08	+283865-08	+189132-09	+308241-20
+172802-07	+150157-07	+132062-07	+125502-07
+103103-07	+434358-08	+314630-09	+512774-20

ELEMENT	FUNCTION	PHI
29	6	+100000+16

+157698-07	+824171-08	+239010-08	+169817-08
+505145-09	+842123-10	+308592-11	+502933-22
+186739-07	+111357-07	+519601-08	+382896-08
+147526-08	+248849-09	+923227-11	+150464-21
+232637-07	+157203-07	+973439-08	+799904-08
+452917-08	+788237-09	+304793-10	+496741-21
+313979-07	+238526-07	+178496-07	+159466-07
+110278-07	+207440-08	+889712-10	+145002-20
+433922-07	+358445-07	+298202-07	+277066-07
+209168-07	+498753-08	+270041-09	+440103-20
+509786-07	+434304-07	+374003-07	+352305-07
+279282-07	+946217-08	+630440-09	+102747-19
+576007-07	+500523-07	+440206-07	+418341-07
+343676-07	+144786-07	+104877-08	+170925-19

CERIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
29	7	+100000+13

+256681-10	+190244-10	+133057-10	+787211-11
+414331-13	+675953-36	+000000+00	+000000+00
+379346-10	+312195-10	+248775-10	+147195-10
+774730-13	+126392-36	+000000+00	+000000+00
+433935-10	+366467-10	+300272-10	+177668-10
+935115-13	+152557-36	+000000+00	+000000+00
+434872-10	+367399-10	+301156-10	+178191-10
+937870-13	+153007-36	+000000+00	+000000+00
+434872-10	+367399-10	+301156-10	+178191-10
+937870-13	+153007-36	+000000+00	+000000+00
+434872-10	+367399-10	+301156-10	+178191-10
+937870-13	+153007-36	+000000+00	+000000+00
+434872-10	+367399-10	+301156-10	+178191-10
+937870-13	+153007-36	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
29	7	+100000+14

+256681-09	+190244-09	+133057-09	+787211-10
+414331-12	+675953-35	+000000+00	+000000+00
+379346-09	+312195-09	+248775-09	+147195-09
+774730-12	+126392-34	+000000+00	+000000+00
+433935-09	+366467-09	+300272-09	+177668-09
+935115-12	+152557-34	+000000+00	+000000+00
+434872-09	+367399-09	+301156-09	+178191-09
+937870-12	+153007-34	+000000+00	+000000+00
+434872-09	+367399-09	+301156-09	+178191-09
+937870-12	+153007-34	+000000+00	+000000+00
+434872-09	+367399-09	+301156-09	+178191-09
+937870-12	+153007-34	+000000+00	+000000+00
+434872-09	+367399-09	+301156-09	+178191-09
+937870-12	+153007-34	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
29	7	+300000+14

+770044-09	+570731-09	+399171-09	+236163-09
+124299-11	+202786-34	+000000+00	+000000+00
+113804-08	+936586-09	+746324-09	+441585-09
+232419-11	+379175-34	+000000+00	+000000+00
+130180-08	+109940-08	+900815-09	+533003-09
+280534-11	+457672-34	+000000+00	+000000+00
+130462-08	+110220-08	+903469-09	+534573-09
+281361-11	+459021-34	+000000+00	+000000+00
+130462-08	+110220-08	+903469-09	+534573-09
+281361-11	+459021-34	+000000+00	+000000+00
+130462-08	+110220-08	+903469-09	+534573-09
+281361-11	+459021-34	+000000+00	+000000+00
+130462-08	+110220-08	+903469-09	+534573-09
+281361-11	+459021-34	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
29	7	+100000+15

+256681-08	+190244-08	+133057-08	+787211-09
+414331-11	+675953-34	+000000+00	+000000+00
+379346-08	+312195-08	+248775-08	+147195-08
+774730-11	+126392-33	+000000+00	+000000+00
+433935-08	+366467-08	+300272-08	+177668-08
+935115-11	+152557-33	+000000+00	+000000+00
+434872-08	+367399-08	+301156-08	+178191-08
+937870-11	+153007-33	+000000+00	+000000+00
+434872-08	+367399-08	+301156-08	+178191-08
+937870-11	+153007-33	+000000+00	+000000+00
+434872-08	+367399-08	+301156-08	+178191-08
+937870-11	+153007-33	+000000+00	+000000+00
+434872-08	+367399-08	+301156-08	+178191-08
+937870-11	+153007-33	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
29	7	+300000+15

+770044-08	+570731-08	+399171-08	+236163-08
+124299-10	+202786-33	+000000+00	+000000+00
+113804-07	+936586-08	+746324-08	+441585-08
+232419-10	+379175-33	+000000+00	+000000+00
+130180-07	+109940-07	+900815-08	+533003-08
+280534-10	+457672-33	+000000+00	+000000+00
+130462-07	+110220-07	+903469-08	+534573-08
+281361-10	+459021-33	+000000+00	+000000+00
+130462-07	+110220-07	+903469-08	+534573-08
+281361-10	+459021-33	+000000+00	+000000+00
+130462-07	+110220-07	+903469-08	+534573-08
+281361-10	+459021-33	+000000+00	+000000+00
+130462-07	+110220-07	+903469-08	+534573-08
+281361-10	+459021-33	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
29	7	+100000+16

+256681-07	+190244-07	+133057-07	+787211-08
+414331-10	+675953-33	+000000+00	+000000+00
+379346-07	+312195-07	+248775-07	+147195-07
+774730-10	+126392-32	+000000+00	+000000+00
+433935-07	+366467-07	+300272-07	+177668-07
+935115-10	+152557-32	+000000+00	+000000+00
+434872-07	+367399-07	+301156-07	+178191-07
+937871-10	+153007-32	+000000+00	+000000+00
+434872-07	+367399-07	+301156-07	+178191-07
+937871-10	+153007-32	+000000+00	+000000+00
+434872-07	+367399-07	+301156-07	+178191-07
+937871-10	+153007-32	+000000+00	+000000+00

CERIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
29	8	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
29	8	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
29	8	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
29	8	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
29	8	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
29	8	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

CERIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
29	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
29	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
29	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
29	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
29	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
29	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

PRASEODYMIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
30	1	+100000+13

+162545-05	+161890-05	+154774-05	+209867-05
+294837-05	+321066-05	+348001-05	+348000-05
+642390-05	+642934-05	+646353-05	+780317-05
+869143-05	+965047-05	+104400-04	+104400-04
+280551-04	+280614-04	+281015-04	+293780-04
+275866-04	+323741-04	+348001-04	+348000-04
+811169-04	+811187-04	+811185-04	+820166-04
+785307-04	+985736-04	+104400-03	+104400-03
+282034-03	+282043-03	+282104-03	+283620-03
+286354-03	+337791-03	+347991-03	+347991-03
+966874-03	+966885-03	+966971-03	+968727-03
+973603-03	+103277-02	+104387-02	+104387-02
+340119-02	+340120-02	+340128-02	+340304-02
+340793-02	+346714-02	+347824-02	+347823-02

ELEMENT	FUNCTION	PHI
30	1	+100000+14

+162545-04	+161890-04	+154774-04	+209867-04
+294837-04	+321055-04	+348001-04	+348000-04
+642389-04	+642934-04	+646353-04	+780316-04
+869142-04	+965047-04	+104400-03	+104400-03
+280550-03	+280612-03	+281014-03	+293779-03
+275863-03	+323740-03	+348000-03	+347999-03
+811137-03	+811155-03	+811153-03	+820134-03
+785275-03	+985703-03	+104397-02	+104396-02
+281950-02	+281958-02	+282020-02	+283535-02
+286269-02	+337706-02	+347907-02	+347906-02
+965684-02	+965695-02	+965781-02	+967537-02
+972413-02	+103158-01	+104268-01	+104268-01
+338535-01	+338536-01	+338544-01	+338720-01
+339209-01	+345130-01	+346240-01	+346239-01

ELEMENT	FUNCTION	PHI
30	1	+300000+14

+487634-04	+485669-04	+464322-04	+629602-04
+884512-04	+963164-04	+104400-03	+104400-03
+192717-03	+192880-03	+193906-03	+234095-03
+260743-03	+289514-03	+313201-03	+313200-03
+841640-03	+841828-03	+843033-03	+881328-03
+827582-03	+971211-03	+104399-02	+104399-02
+243320-02	+243325-02	+243325-02	+246019-02
+235561-02	+295690-02	+313169-02	+313168-02
+845285-02	+845310-02	+845494-02	+850040-02
+858242-02	+101255-01	+104316-01	+104315-01
+288914-01	+288918-01	+288943-01	+289470-01
+290933-01	+308682-01	+312013-01	+312012-01
+100515+00	+100515+00	+100518+00	+100571+00
+100717+00	+102494+00	+102827+00	+102827+00

ELEMENT	FUNCTION	PHI
30	1	+100000+15

+162545-03	+161889-03	+154774-03	+209867-03
+294837-03	+321055-03	+348001-03	+348000-03
+642386-03	+642931-03	+646350-03	+780313-03
+869139-03	+965044-03	+104400-02	+104400-02
+280537-02	+280599-02	+281001-02	+293766-02
+275851-02	+323727-02	+347987-02	+347986-02
+810818-02	+810836-02	+810834-02	+819815-02
+784956-02	+985384-02	+104365-01	+104365-01
+281105-01	+281113-01	+281175-01	+282690-01
+285424-01	+336861-01	+347062-01	+347061-01
+953899-01	+953911-01	+953996-01	+955752-01
+960628-01	+101979+00	+103089+00	+103089+00
+323235+00	+323236+00	+323245+00	+323420+00
+323909+00	+329831+00	+330940+00	+330940+00

ELEMENT	FUNCTION	PHI
30	1	+300000+15

+487633-03	+485668-03	+464321-03	+629601-03
+884511-03	+963164-03	+104400-02	+104400-02
+192714-02	+192877-02	+193903-02	+234092-02
+260740-02	+289511-02	+313198-02	+313197-02
+841525-02	+841714-02	+842918-02	+881213-02
+827467-02	+971096-02	+104388-01	+104387-01
+243033-01	+243039-01	+243038-01	+245732-01
+235275-01	+295403-01	+312882-01	+312881-01
+837729-01	+837755-01	+837939-01	+842484-01
+850686-01	+100500+00	+103560+00	+103560+00
+278534+00	+278538+00	+278564+00	+279090+00
+280553+00	+298302+00	+301633+00	+301633+00
+877460+00	+877463+00	+877489+00	+878016+00
+879484+00	+897247+00	+900575+00	+900575+00

ELEMENT	FUNCTION	PHI
30	1	+100000+16

+162544-02	+161889-02	+154773-02	+209866-02
+294837-02	+321054-02	+348000-02	+347999-02
+642355-02	+642900-02	+646319-02	+780282-02
+869108-02	+965013-02	+104397-01	+104397-01
+280410-01	+280472-01	+280874-01	+293639-01
+275723-01	+323600-01	+347860-01	+347859-01
+807654-01	+807672-01	+807670-01	+816651-01
+781792-01	+982220-01	+104048+00	+104048+00
+272901+00	+272909+00	+272971+00	+274486+00
+277220+00	+328657+00	+338858+00	+338857+00
+846814+00	+846825+00	+846911+00	+848666+00
+853543+00	+912707+00	+923809+00	+923807+00
+212436+01	+212437+01	+212445+01	+212621+01
+213110+01	+219031+01	+220141+01	+220140+01

PRASEODYMIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
30	2	+100000+13

+116457-20	+107945-20	+490533-21	+592967-22
+366528-22	+217690-23	+166814-24	+271867-35
+126712-20	+118132-20	+587457-21	+148343-21
+104373-21	+648469-23	+499063-24	+813355-35
+157145-20	+148559-20	+891060-21	+443536-21
+291814-21	+211326-22	+164760-23	+268520-34
+203654-20	+195044-20	+135373-20	+885023-21
+571863-21	+602369-22	+480946-23	+783829-34
+237505-20	+228883-20	+169112-20	+121266-20
+824730-21	+178115-21	+145974-22	+237903-33
+268597-20	+259975-20	+200194-20	+152256-20
+112590-20	+411694-21	+340792-22	+555412-33
+304326-20	+295702-20	+235913-20	+187886-20
+147346-20	+682808-21	+566925-22	+923955-33

ELEMENT	FUNCTION	PHI
30	2	+100000+14

+116457-19	+107945-19	+490533-20	+592967-21
+366528-21	+217690-22	+166814-23	+271867-34
+126712-19	+118132-19	+587457-20	+148343-20
+104373-20	+648469-22	+499063-23	+813355-34
+157145-19	+148559-19	+891060-20	+443536-20
+291815-20	+211326-21	+164760-22	+268520-33
+203654-19	+195044-19	+135373-19	+885023-20
+571863-20	+602369-21	+480946-22	+783829-33
+237505-19	+228883-19	+169112-19	+121266-19
+824730-20	+178115-20	+145974-21	+237903-32
+268597-19	+259975-19	+200194-19	+152256-19
+112590-19	+411694-20	+340792-21	+555412-32
+304326-19	+295702-19	+235913-19	+187886-19
+147346-19	+682808-20	+566925-21	+923955-32

ELEMENT	FUNCTION	PHI
30	2	+300000+14

+349371-19	+323834-19	+147160-19	+177890-20
+109959-20	+653071-22	+500441-23	+815601-34
+380135-19	+354397-19	+176237-19	+445029-20
+313120-20	+194538-21	+149719-22	+244007-33
+471436-19	+445677-19	+267318-19	+133061-19
+875444-20	+633975-21	+494279-22	+805559-33
+610963-19	+585131-19	+406119-19	+265507-19
+171559-19	+180711-20	+144284-21	+235149-32
+712515-19	+686650-19	+507337-19	+363797-19
+247419-19	+634346-20	+437922-21	+713710-32
+805792-19	+779924-19	+600583-19	+456767-19
+337769-19	+123608-19	+102238-20	+166623-31
+912978-19	+887107-19	+707740-19	+563657-19
+442037-19	+204842-19	+170078-20	+277187-31

ELEMENT	FUNCTION	PHI
30	2	+100000+15

+116457-18	+107945-18	+490533-19	+592967-20
+366528-20	+217690-21	+166814-22	+271867-33
+126712-18	+118132-18	+587457-19	+148343-19
+104373-19	+648469-21	+499063-22	+813355-33
+157145-18	+148559-18	+891060-19	+443536-19
+291814-19	+211325-20	+164760-21	+268520-32
+203654-18	+195044-18	+135373-18	+885023-19
+571863-19	+602369-20	+480946-21	+783829-32
+237505-18	+228883-18	+169112-18	+121266-18
+824730-19	+178115-19	+145974-20	+237903-31
+268597-18	+259975-18	+200194-18	+152256-18
+112590-18	+411694-19	+340792-20	+555412-31
+304326-18	+295702-18	+235913-18	+187886-18
+147346-18	+682808-19	+566925-20	+923955-31

ELEMENT	FUNCTION	PHI
30	2	+300000+15

+349371-18	+323834-18	+147160-18	+177890-19
+109959-19	+653071-21	+500441-22	+815601-33
+380135-18	+354397-18	+176237-18	+445029-19
+313120-19	+194538-20	+149719-21	+244007-32
+471436-18	+445677-18	+267318-18	+133061-18
+875443-19	+633975-20	+494279-21	+805559-32
+610963-18	+585131-18	+406119-18	+265507-18
+171559-18	+180711-19	+144284-20	+235149-31
+712515-18	+686650-18	+507337-18	+363797-18
+247419-18	+634346-19	+437922-20	+713710-31
+805792-18	+779924-18	+600583-18	+456767-18
+337769-18	+123608-18	+102238-19	+166623-30
+912978-18	+887107-18	+707740-18	+563657-18
+442037-18	+204842-18	+170078-19	+277187-30

ELEMENT	FUNCTION	PHI
30	2	+100000+16

+116457-17	+107945-17	+490532-18	+592967-19
+366528-19	+217690-20	+166814-21	+271867-32
+126712-17	+118132-17	+587457-18	+148343-18
+104373-18	+648459-20	+499063-21	+813355-32
+157145-17	+148559-17	+891060-18	+443536-18
+291815-18	+211325-19	+164760-20	+268520-31
+203654-17	+195044-17	+135373-17	+885023-18
+571863-18	+602369-19	+480946-20	+783829-31
+237505-17	+228883-17	+169112-17	+121266-17
+824730-18	+178115-18	+145974-19	+237903-30
+268597-17	+259975-17	+200194-17	+152256-17
+112590-17	+411694-18	+340792-19	+555412-30
+304326-17	+295702-17	+235913-17	+187886-17
+147346-17	+682808-18	+566925-19	+923955-30

PRASEODYMIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
30	3	+100000+13

+343541-23	+296622-23	+693136-25	+124635-26
+121577-26	+948360-27	+791017-28	+000000+00
+343790-23	+296871-23	+718021-25	+372875-26
+363727-26	+283724-26	+236652-27	+385687-38
+344650-23	+297731-23	+804048-25	+123100-25
+120080-25	+936683-26	+781278-27	+127330-37
+347019-23	+300100-23	+104087-24	+359339-25
+350523-25	+273425-25	+228061-26	+371685-37
+354352-23	+307433-23	+177400-24	+109065-24
+106389-24	+829884-25	+692197-26	+112812-36
+368948-23	+322029-23	+323321-24	+254623-24
+248376-24	+193745-24	+161601-25	+263372-36
+385891-23	+338971-23	+492696-24	+423579-24
+413187-24	+322306-24	+268831-25	+438132-36

ELEMENT	FUNCTION	PHI
30	3	+100000+14

+343541-22	+296622-22	+693136-24	+124635-25
+121577-25	+948360-26	+791017-27	+128917-37
+343790-22	+296871-22	+718021-24	+372875-25
+363727-25	+283725-25	+236652-26	+385687-37
+344650-22	+297731-22	+804048-24	+123100-24
+120080-24	+936683-25	+781278-26	+127330-36
+347019-22	+300100-22	+104087-23	+359339-24
+350523-24	+273425-24	+228061-25	+371685-36
+354352-22	+307433-22	+177400-23	+109065-23
+106389-23	+829884-24	+692197-25	+112812-35
+368948-22	+322029-22	+323321-23	+254623-23
+248376-23	+193745-23	+161601-24	+263372-35
+385891-22	+338971-22	+492696-23	+423579-23
+413187-23	+322305-23	+268831-24	+438132-35

ELEMENT	FUNCTION	PHI
30	3	+300000+14

+103062-21	+889866-22	+207941-23	+373905-25
+364731-25	+284508-25	+237305-26	+386751-37
+103137-21	+890613-22	+215406-23	+111863-24
+109118-24	+851173-25	+709955-26	+115706-36
+103395-21	+893194-22	+241214-23	+369301-24
+360241-24	+281005-24	+234383-25	+381990-36
+104106-21	+900301-22	+312262-23	+107802-23
+105157-23	+820274-24	+684182-25	+111506-35
+106306-21	+922300-22	+532200-23	+327194-23
+319166-23	+248965-23	+207659-24	+338436-35
+110685-21	+966087-22	+969962-23	+763870-23
+745129-23	+581236-23	+484803-24	+790115-35
+115767-21	+101691-21	+147809-22	+127074-21
+123956-22	+966916-23	+806494-24	+131440-34

ELEMENT	FUNCTION	PHI
30	3	+100000+15

+343541-21	+296622-21	+693136-23	+124635-24
+121577-24	+948360-25	+791017-26	+128917-36
+343790-21	+296871-21	+718021-23	+372875-24
+363727-24	+283724-24	+236652-25	+385686-36
+344650-21	+297731-21	+804048-23	+123100-23
+120080-23	+936683-24	+781278-25	+127330-35
+347019-21	+300100-21	+104087-22	+359339-23
+350523-23	+273425-23	+228061-24	+371685-35
+354352-21	+307433-21	+177400-22	+109065-22
+106389-22	+829884-23	+692197-24	+112812-34
+368948-21	+322029-21	+323321-22	+254623-22
+248376-22	+193745-22	+161601-23	+263372-34
+385891-21	+338971-21	+492696-22	+423579-22
+413187-22	+322305-22	+268831-23	+438132-34

ELEMENT	FUNCTION	PHI
30	3	+300000+15

+103062-20	+889866-21	+207941-22	+373905-24
+364731-24	+284508-24	+237305-25	+386752-36
+103137-20	+890613-21	+215406-22	+111863-23
+109118-23	+851173-24	+709955-25	+115706-35
+103395-20	+893194-21	+241214-22	+369301-23
+360241-23	+281005-23	+234383-24	+381990-35
+104106-20	+900301-21	+312262-22	+107802-22
+105157-22	+820274-23	+684182-24	+111506-34
+106306-20	+922300-21	+532200-22	+327194-22
+319166-22	+248965-22	+207659-23	+338436-34
+110685-20	+966087-21	+969962-22	+763870-22
+745129-22	+581236-22	+484803-23	+790115-34
+115767-20	+101691-20	+147809-21	+127074-21
+123956-21	+966916-22	+806494-23	+131440-33

ELEMENT	FUNCTION	PHI
30	3	+100000+16

+343541-20	+296622-20	+693136-22	+124635-23
+121577-23	+948360-24	+791017-25	+128917-35
+343790-20	+296871-20	+718021-22	+372875-23
+363727-23	+283724-23	+236652-24	+385687-35
+344650-20	+297731-20	+804048-22	+123100-22
+120080-22	+936683-23	+781278-24	+127330-34
+347019-20	+300100-20	+104087-21	+359339-22
+350523-22	+273425-22	+228061-23	+371685-34
+354352-20	+307433-20	+177400-21	+109065-21
+106389-21	+829884-22	+692197-23	+112812-33
+368948-20	+322029-20	+323321-21	+254623-21
+248376-21	+193745-21	+161601-22	+263372-33
+385891-20	+338971-20	+492696-21	+423579-21
+413187-21	+322305-21	+268831-22	+438132-33

PRASEODYMIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
30	4	+100000+13

+881747-23	+787341-23	+181798-23	+164684-24
+785952-26	+127724-26	+103821-26	+169204-37
+907491-23	+812817-23	+205245-23	+353123-24
+225430-24	+381599-26	+310605-26	+506214-37
+971379-23	+876692-23	+268995-23	+974918-24
+647282-24	+125474-24	+102543-25	+167121-36
+107875-22	+984020-23	+375917-23	+200467-23
+137503-23	+363603-24	+299330-25	+487837-36
+120879-22	+111403-22	+505727-23	+328315-23
+249953-23	+109493-23	+908509-25	+148066-35
+140093-22	+130617-22	+697816-23	+519901-23
+436631-23	+264863-23	+212101-24	+345675-35
+162330-22	+152853-22	+920122-23	+741655-23
+652944-23	+423598-23	+352841-24	+575049-35

ELEMENT	FUNCTION	PHI
30	4	+100000+14

+881747-22	+787341-22	+181798-22	+164684-23
+785953-24	+127724-24	+103821-25	+169204-36
+907491-22	+812817-22	+205245-22	+353123-23
+225430-23	+381599-24	+310605-25	+506214-36
+971380-22	+876692-22	+268995-22	+974918-23
+647282-23	+125474-23	+102543-24	+167121-35
+107875-21	+984020-22	+375917-22	+200467-22
+137503-22	+363603-23	+299330-24	+487837-35
+120879-21	+111403-21	+505727-22	+328315-22
+249953-22	+109493-22	+908509-24	+148066-34
+140093-21	+130617-21	+697816-22	+519901-22
+436631-22	+264863-22	+212101-23	+345675-34
+162330-21	+152853-21	+920122-22	+741655-22
+652944-22	+423598-22	+352841-23	+575049-34

ELEMENT	FUNCTION	PHI
30	4	+300000+14

+264524-21	+236202-21	+545393-22	+494051-23
+235786-23	+383171-24	+311463-25	+507611-36
+272247-21	+243845-21	+615736-22	+105937-22
+676290-23	+114480-23	+931815-25	+151864-35
+291414-21	+263008-21	+806984-22	+292475-22
+194184-22	+376422-23	+307628-24	+501362-35
+323626-21	+295206-21	+112775-21	+601401-22
+412508-22	+109081-22	+897989-24	+146351-34
+362636-21	+334209-21	+151718-21	+984946-22
+749860-22	+328478-22	+272553-23	+444197-34
+420279-21	+391851-21	+209345-21	+155970-21
+130989-21	+764590-22	+636304-23	+103703-33
+486989-21	+458560-21	+276037-21	+222496-21
+195883-21	+127079-21	+105852-22	+172515-33

ELEMENT	FUNCTION	PHI
30	4	+100000+15

+881747-21	+787341-21	+181798-21	+164684-22
+785953-23	+127724-23	+103821-24	+169204-35
+907491-21	+812817-21	+205245-21	+353123-22
+225430-22	+381599-23	+310605-24	+506214-35
+971379-21	+876692-21	+268995-21	+974918-22
+647282-22	+125474-22	+102543-23	+167121-34
+107875-20	+984020-21	+375917-21	+200467-21
+137503-21	+363603-22	+299330-23	+487837-34
+120879-20	+111403-20	+505727-21	+328315-21
+249953-21	+109493-21	+908509-23	+148066-33
+140093-20	+130617-20	+697816-21	+519901-21
+436631-21	+264863-21	+212101-22	+345675-33
+162330-20	+152853-20	+920122-21	+741655-21
+652944-21	+423598-21	+352841-22	+575049-33

ELEMENT	FUNCTION	PHI
30	4	+300000+15

+264524-20	+236202-20	+545393-21	+494051-22
+235786-22	+383171-23	+311463-24	+507611-35
+272247-20	+243845-20	+615736-21	+105937-21
+676290-22	+114480-22	+931816-24	+151864-34
+291414-20	+263008-20	+806984-21	+292475-21
+194184-21	+376422-22	+307628-23	+501362-34
+323626-20	+295206-20	+112775-20	+601401-21
+412508-21	+109081-21	+897989-23	+146351-33
+362636-20	+334209-20	+151718-20	+984946-21
+749860-21	+328478-21	+272553-22	+444197-33
+420279-20	+391851-20	+209345-20	+155970-20
+130989-20	+764590-21	+636304-22	+103703-32
+486990-20	+458560-20	+276037-20	+222496-20
+195883-20	+127079-20	+105852-21	+172515-32

ELEMENT	FUNCTION	PHI
30	4	+100000+16

+881747-20	+787341-20	+181798-20	+164684-21
+785953-22	+127724-22	+103821-23	+169204-34
+907491-20	+812817-20	+205245-20	+353123-21
+225430-21	+381599-22	+310605-23	+506214-34
+971379-20	+876692-20	+268995-20	+974918-21
+647282-21	+125474-21	+102543-22	+167121-33
+107875-19	+984020-20	+375917-20	+200467-20
+137503-20	+363603-21	+299330-22	+487837-33
+120879-19	+111403-19	+505727-20	+328315-20
+249953-20	+109493-20	+908509-22	+148066-32
+140093-19	+130617-19	+697816-20	+519901-20
+436631-20	+264863-20	+212101-21	+345675-32
+162330-19	+152853-19	+920122-20	+741655-20
+652944-20	+423598-20	+352841-21	+575049-32

PRASEODYMIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
30	5	+100000+13

+317015-30	+324607-30	+396654-30	+122063-29
+871394-29	+351917-28	+382800-28	+382800-28
+367668-29	+370263-29	+393973-29	+639454-29
+283223-28	+105803-27	+114840-27	+114840-27
+425277-28	+426112-28	+433652-28	+509247-28
+118030-27	+355143-27	+382800-27	+382800-27
+337358-27	+337560-27	+339376-27	+357424-27
+517360-27	+108248-26	+114840-26	+114840-26
+241944-26	+241979-26	+242296-26	+245431-26
+273206-26	+371343-26	+382790-26	+382790-26
+995032-26	+995070-26	+995414-26	+998826-26
+102904-25	+113580-25	+114825-25	+114825-25
+367275-25	+367279-25	+367314-25	+367655-25
+370678-25	+381360-25	+382606-25	+382606-25

ELEMENT	FUNCTION	PHI
30	5	+100000+14

+317016-29	+324608-29	+396654-29	+122063-28
+871394-28	+351917-27	+382800-27	+382800-27
+367665-28	+370260-28	+393970-28	+639452-28
+283222-27	+105803-26	+114840-26	+114840-26
+425264-27	+426098-27	+433638-27	+509233-27
+118029-26	+355142-26	+382798-26	+382798-26
+337323-26	+337525-26	+339340-26	+357389-26
+517325-26	+108245-25	+114836-25	+114836-25
+241851-25	+241886-25	+242202-25	+245338-25
+273112-25	+371250-25	+382696-25	+382696-25
+993723-25	+993761-25	+994105-25	+997517-25
+102773-24	+113449-24	+114695-24	+114695-24
+365533-24	+365537-24	+365571-24	+365913-24
+368936-24	+379617-24	+380863-24	+380863-24

ELEMENT	FUNCTION	PHI
30	5	+300000+14

+951046-29	+973821-29	+118996-28	+366189-28
+261418-27	+105575-26	+114840-26	+114840-26
+110297-27	+111076-27	+118189-27	+191833-27
+849665-27	+317408-26	+344520-26	+344520-26
+127570-26	+127820-26	+130082-26	+152761-26
+354078-26	+106542-25	+114839-25	+114839-25
+101173-25	+101234-25	+101779-25	+107193-25
+155174-25	+324710-25	+344485-25	+344485-25
+724931-25	+725037-25	+725986-25	+735394-25
+818716-25	+111313-24	+114747-24	+114747-24
+297247-24	+297258-24	+297361-24	+298395-24
+307649-24	+339478-24	+343213-24	+343213-24
+108510-23	+108511-23	+108522-23	+108624-23
+109531-23	+112735-23	+113109-23	+113109-23

ELEMENT	FUNCTION	PHI
30	5	+100000+15

+317007-28	+324600-28	+396647-28	+122062-27
+871394-27	+351917-26	+382800-26	+382800-26
+367630-27	+370225-27	+393935-27	+639417-27
+283219-26	+105802-25	+114840-25	+114840-25
+425123-26	+425958-26	+433497-26	+509093-26
+118015-25	+355128-25	+382784-25	+382784-25
+336972-25	+337174-25	+338989-25	+357038-25
+516974-25	+108210-24	+114801-24	+114801-24
+240921-24	+240956-24	+241273-24	+244409-24
+272183-24	+370320-24	+381767-24	+381767-24
+980760-24	+980798-24	+981142-24	+984554-24
+101477-23	+112153-23	+113398-23	+113398-23
+348703-23	+348707-23	+348741-23	+349083-23
+352106-23	+362788-23	+364034-23	+364034-23

ELEMENT	FUNCTION	PHI
30	5	+300000+15

+950957-28	+973733-28	+118988-27	+366180-27
+261417-26	+105575-25	+114840-25	+114840-25
+110266-26	+111045-26	+118158-26	+191802-26
+849634-26	+317405-25	+344517-25	+344517-25
+127444-25	+127694-25	+129956-25	+152634-25
+353952-25	+106529-24	+114826-24	+114826-24
+100858-24	+100919-24	+101463-24	+106878-24
+154859-24	+324395-24	+344170-24	+344170-24
+716620-24	+716726-24	+717675-24	+727083-24
+810405-24	+110482-23	+113916-23	+113916-23
+285829-23	+285841-23	+285944-23	+286967-23
+296032-23	+328060-23	+331796-23	+331796-23
+944641-23	+944652-23	+944755-23	+945779-23
+954849-23	+986894-23	+990632-23	+990632-23

ELEMENT	FUNCTION	PHI
30	5	+100000+16

+316915-27	+324508-27	+396555-27	+122053-26
+871384-26	+351916-25	+382799-25	+382799-25
+367287-26	+369882-26	+393593-26	+639074-26
+283185-25	+105799-24	+114836-24	+114836-24
+423725-25	+424559-25	+432099-25	+507694-25
+117875-24	+354988-24	+382645-24	+382645-24
+333492-24	+333693-24	+335509-24	+353558-24
+513494-24	+107861-23	+114453-23	+114453-23
+231897-23	+231932-23	+232249-23	+235385-23
+263159-23	+361296-23	+372743-23	+372743-23
+862965-23	+863004-23	+863348-23	+866760-23
+896974-23	+100374-22	+101619-22	+101619-22
+226824-22	+226828-22	+226862-22	+227204-22
+230227-22	+240908-22	+242154-22	+242154-22

PRASEODYMIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
30	6	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
30	6	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
30	6	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
30	6	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
30	6	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
30	6	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

PRASEODYMIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
30	7	+100000+13

+233546-10	+201644-10	+466704-12	+388998-14
+379454-14	+295992-14	+246884-15	+402363-26
+233624-10	+201721-10	+474471-12	+116378-13
+113523-13	+885532-14	+738613-15	+120377-25
+233893-10	+201990-10	+501321-12	+384208-13
+374782-13	+292348-13	+243844-14	+397409-25
+234632-10	+202729-10	+575237-12	+112153-12
+109402-12	+853386-13	+711800-14	+116007-24
+236921-10	+205018-10	+804053-12	+340401-12
+332050-12	+259015-12	+216042-13	+352097-24
+241476-10	+209573-10	+125949-11	+794705-12
+775207-12	+604699-12	+504373-13	+822009-24
+246764-10	+214861-10	+178812-11	+132203-11
+128960-11	+100595-11	+839050-13	+136745-23

ELEMENT	FUNCTION	PHI
30	7	+100000+14

+233546-09	+201644-09	+466704-11	+388998-13
+379454-13	+295992-13	+246884-14	+402363-25
+233624-09	+201721-09	+474471-11	+116378-12
+113523-12	+885532-13	+738613-14	+120377-24
+233893-09	+201990-09	+501321-11	+384208-12
+374782-12	+292348-12	+243844-13	+397409-24
+234632-09	+202729-09	+575237-11	+112153-11
+109402-11	+853386-12	+711800-13	+116007-23
+236921-09	+205018-09	+804053-11	+340401-11
+332050-11	+259015-11	+216042-12	+352097-23
+241476-09	+209573-09	+125949-10	+794705-11
+775207-11	+604699-11	+504373-12	+822009-23
+246764-09	+214861-09	+178812-10	+132203-10
+128960-10	+100595-10	+839050-12	+136745-22

ELEMENT	FUNCTION	PHI
30	7	+300000+14

+700639-09	+604931-09	+140011-10	+116699-12
+113836-12	+887977-13	+740652-14	+120709-24
+700872-09	+605164-09	+142341-10	+349134-12
+340568-12	+266660-12	+221584-13	+361130-24
+701678-09	+605970-09	+150396-10	+115263-11
+112435-11	+877044-12	+731533-13	+119223-23
+703896-09	+608188-09	+172571-10	+336460-11
+328205-11	+256016-11	+213540-12	+348020-23
+710763-09	+615054-09	+241216-10	+102120-10
+996150-11	+777045-11	+648125-12	+105629-22
+724429-09	+628720-09	+377846-10	+238411-10
+232562-10	+181410-10	+151312-11	+246603-22
+740293-09	+644583-09	+536437-10	+396609-10
+386879-10	+301784-10	+251715-11	+410236-22

ELEMENT	FUNCTION	PHI
30	7	+100000+15

+233546-08	+201644-08	+466704-10	+388998-12
+379454-12	+295992-12	+246884-13	+402363-24
+233624-08	+201721-08	+474471-10	+116378-11
+113523-11	+885532-12	+738613-13	+120377-23
+233893-08	+201990-08	+501321-10	+384208-11
+374782-11	+292348-11	+243844-12	+397409-23
+234632-08	+202729-08	+575237-10	+112153-10
+109402-10	+853386-11	+711800-12	+116007-22
+236921-08	+205018-08	+804053-10	+340401-10
+332050-10	+259015-10	+216042-11	+352097-22
+241476-08	+209573-08	+125949-09	+794705-10
+775207-10	+604699-10	+504373-11	+822009-22
+246764-08	+214861-08	+178812-09	+132203-09
+128960-09	+100595-09	+839050-11	+136745-21

ELEMENT	FUNCTION	PHI
30	7	+300000+15

+700639-08	+604931-08	+140011-09	+116699-11
+113836-11	+887977-12	+740652-13	+120709-23
+700872-08	+605164-08	+142341-09	+349134-11
+340568-11	+265660-11	+221584-12	+361130-23
+701678-08	+605970-08	+150396-09	+115263-10
+112435-10	+877044-11	+731533-12	+119223-22
+703896-08	+608188-08	+172571-09	+336460-10
+328205-10	+256016-10	+213540-11	+348020-22
+710763-08	+615054-08	+241216-09	+102120-09
+996150-10	+777045-10	+648125-11	+105629-21
+724429-08	+628720-08	+377846-09	+238411-09
+232562-09	+181410-09	+151312-10	+246603-21
+740293-08	+644583-08	+536437-09	+396609-09
+386879-09	+301784-09	+251715-10	+410236-21

ELEMENT	FUNCTION	PHI
30	7	+100000+16

+233546-07	+201644-07	+466704-09	+388998-11
+379454-11	+295992-11	+246884-12	+402363-23
+233624-07	+201721-07	+474471-09	+116378-10
+113523-10	+885532-11	+738613-12	+120377-22
+233893-07	+201990-07	+501321-09	+384208-10
+374782-10	+292348-10	+243844-11	+397409-22
+234632-07	+202729-07	+575237-09	+112153-09
+109402-09	+853386-10	+711800-11	+116007-21
+236921-07	+205018-07	+804053-09	+340401-09
+332050-09	+259015-09	+216042-10	+352097-21
+241476-07	+209573-07	+125949-08	+794705-09
+775207-09	+604699-09	+504373-10	+822009-21
+246764-07	+214861-07	+178812-08	+132203-08
+128960-08	+100595-08	+839049-10	+136745-20

PRASEODYMIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
30	8	+100000+13

+631812-11	+545518-11	+127135-12	+194499-14
+189727-14	+147996-14	+123442-15	+201182-26
+632201-11	+545907-11	+131018-12	+581890-14
+567614-14	+442766-14	+369306-15	+601883-26
+633543-11	+547250-11	+144443-12	+192104-13
+187391-13	+146174-13	+121922-14	+198705-25
+637240-11	+550946-11	+181401-12	+560766-13
+547008-13	+426693-13	+355900-14	+580033-25
+648684-11	+562390-11	+295809-12	+170201-12
+166025-12	+129507-12	+108021-13	+176049-24
+671462-11	+585167-11	+523525-12	+397352-12
+387604-12	+302349-12	+252186-13	+411005-24
+697901-11	+611606-11	+787844-12	+661016-12
+644798-12	+502973-12	+419525-13	+683727-24

ELEMENT	FUNCTION	PHI
30	8	+100000+14

+631812-10	+545518-10	+127135-11	+194499-13
+189727-13	+147996-13	+123442-14	+201182-25
+632201-10	+545907-10	+131018-11	+581890-13
+567614-13	+442766-13	+369306-14	+601883-25
+633543-10	+547250-10	+144443-11	+192104-12
+187391-12	+146174-12	+121922-13	+198705-24
+637240-10	+550946-10	+181401-11	+560766-12
+547008-12	+426693-12	+355900-13	+580033-24
+648684-10	+562390-10	+295809-11	+170201-11
+166025-11	+129507-11	+108021-12	+176049-23
+671462-10	+585167-10	+523525-11	+397352-11
+387604-11	+302349-11	+252186-12	+411005-23
+697901-10	+611606-10	+787844-11	+661016-11
+644798-11	+502973-11	+419525-12	+683727-23

ELEMENT	FUNCTION	PHI
30	8	+300000+14

+189544-09	+163656-09	+381404-11	+583497-13
+569181-13	+443989-13	+370326-14	+603545-25
+189660-09	+163772-09	+393055-11	+174567-12
+170284-12	+132830-12	+110792-13	+180565-24
+190063-09	+164175-09	+433329-11	+576313-12
+562173-12	+438522-12	+365767-13	+596114-24
+191172-09	+165284-09	+544203-11	+168230-11
+164103-11	+128008-11	+106770-12	+174010-23
+194605-09	+168717-09	+887426-11	+510602-11
+498075-11	+388522-11	+324062-12	+528146-23
+201439-09	+175550-09	+157058-10	+119206-10
+116281-10	+907048-11	+756559-12	+123301-22
+209370-09	+183482-09	+236353-10	+198305-10
+193439-10	+150892-10	+125857-11	+205118-22

ELEMENT	FUNCTION	PHI
30	8	+100000+15

+631812-09	+545518-09	+127135-10	+194499-12
+189727-12	+147996-12	+123442-13	+201182-24
+632201-09	+545907-09	+131018-10	+581890-12
+567614-12	+442766-12	+369306-13	+601883-24
+633543-09	+547250-09	+144443-10	+192104-11
+187391-11	+146174-11	+121922-12	+198705-23
+637240-09	+550946-09	+181401-10	+560766-11
+547009-11	+426693-11	+355900-12	+580033-23
+648684-09	+562390-09	+295809-10	+170201-10
+166025-10	+129507-10	+108021-11	+176049-22
+671462-09	+585167-09	+523525-10	+397352-10
+387604-10	+302349-10	+252186-11	+411005-22
+697901-09	+611606-09	+787844-10	+661016-10
+644798-10	+502973-10	+419525-11	+683727-22

ELEMENT	FUNCTION	PHI
30	8	+300000+15

+189544-08	+163655-08	+381404-10	+583497-12
+569181-12	+443989-12	+370326-13	+603545-24
+189660-08	+163772-08	+393055-10	+174567-11
+170284-11	+132830-11	+110792-12	+180565-23
+190063-08	+164175-08	+433329-10	+576313-11
+562173-11	+438522-11	+365767-12	+596114-23
+191172-08	+165284-08	+544203-10	+168230-10
+164103-10	+128008-10	+106770-11	+174010-22
+194605-08	+168717-08	+887426-10	+510602-10
+498075-10	+388522-10	+324062-11	+528146-22
+201439-08	+175550-08	+157058-09	+119206-09
+116281-09	+907048-10	+756559-11	+123301-21
+209370-08	+183482-08	+236353-09	+198305-09
+193439-09	+150892-09	+125857-10	+205118-21

ELEMENT	FUNCTION	PHI
30	8	+100000+16

+631812-08	+545518-08	+127135-09	+194499-11
+189727-11	+147996-11	+123442-12	+201182-23
+632201-08	+545907-08	+131018-09	+581890-11
+567614-11	+442766-11	+369306-12	+601883-23
+633543-08	+547250-08	+144443-09	+192104-10
+187391-10	+146174-10	+121922-11	+198705-22
+637240-08	+550946-08	+181401-09	+560766-10
+547009-10	+426693-10	+355900-11	+580033-22
+648684-08	+562390-08	+295809-09	+170201-09
+166025-09	+129507-09	+108021-10	+176049-21
+671462-08	+585167-08	+523525-09	+397352-09
+387604-09	+302349-09	+252186-10	+411005-21
+697901-08	+611606-08	+787844-09	+661016-09
+644798-09	+502973-09	+419525-10	+683727-21

PRASEODYMIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
30	9	+100000+13

+960399-15	+967514-15	+974893-15	+972495-15
+948635-15	+739981-15	+617210-16	+100591-26
+290271-14	+290977-14	+291667-14	+290945-14
+283807-14	+221383-14	+184653-15	+300941-26
+961697-14	+962385-14	+962908-14	+960521-14
+936956-14	+730870-14	+609611-15	+993523-26
+281010-13	+281074-13	+281080-13	+280383-13
+273504-13	+213346-13	+177950-14	+290017-25
+853208-13	+853256-13	+853120-13	+851004-13
+830125-13	+647537-13	+540104-14	+880243-25
+199210-12	+199212-12	+199170-12	+198676-12
+193802-12	+161175-12	+126093-13	+205502-24
+331406-12	+331404-12	+331330-12	+330508-12
+322399-12	+251487-12	+209762-13	+341863-24

ELEMENT	FUNCTION	PHI
30	9	+100000+14

+960401-14	+967516-14	+974893-14	+972495-14
+948636-14	+739981-14	+617210-15	+100591-25
+290271-13	+290977-13	+291667-13	+290945-13
+283807-13	+221383-13	+184653-14	+300941-25
+961698-13	+962385-13	+962908-13	+960521-13
+936956-13	+730870-13	+609611-14	+993523-25
+281010-12	+281074-12	+281080-12	+280383-12
+273504-12	+213346-12	+177950-13	+290017-24
+853208-12	+853256-12	+853120-12	+851004-12
+830125-12	+647537-12	+540104-13	+880243-24
+199210-11	+199212-11	+199170-11	+198676-11
+193802-11	+161175-11	+126093-12	+205502-23
+331406-11	+331404-11	+331330-11	+330508-11
+322399-11	+251487-11	+209762-12	+341863-23

ELEMENT	FUNCTION	PHI
30	9	+300000+14

+288117-13	+290253-13	+292468-13	+291748-13
+284591-13	+221994-13	+185163-14	+301772-25
+870809-13	+872929-13	+875000-13	+872835-13
+851421-13	+664149-13	+553960-14	+902824-25
+288509-12	+288715-12	+288872-12	+288156-12
+281087-12	+219261-12	+182883-13	+298057-24
+843030-12	+843222-12	+843241-12	+841150-12
+820513-12	+640039-12	+533850-13	+870050-24
+255962-11	+255977-11	+255936-11	+255301-11
+249037-11	+194261-11	+162031-12	+264073-23
+597631-11	+597636-11	+597511-11	+596028-11
+581405-11	+453524-11	+378280-12	+616507-23
+994219-11	+994213-11	+993989-11	+991523-11
+967197-11	+754460-11	+629287-12	+102559-22

ELEMENT	FUNCTION	PHI
30	9	+100000+15

+960401-13	+967516-13	+974893-13	+972495-13
+948636-13	+739981-13	+617210-14	+100591-24
+290271-12	+290977-12	+291667-12	+290945-12
+283807-12	+221383-12	+184653-13	+300941-24
+961698-12	+962385-12	+962908-12	+960521-12
+936956-12	+730870-12	+609611-13	+993523-24
+281010-11	+281074-11	+281080-11	+280383-11
+273504-11	+213346-11	+177950-12	+290017-23
+853208-11	+853256-11	+853120-11	+851004-11
+830125-11	+647537-11	+540104-12	+880243-23
+199210-10	+199212-10	+199170-10	+198676-10
+193802-10	+161175-10	+126093-11	+205502-22
+331406-10	+331404-10	+331330-10	+330508-10
+322399-10	+251487-10	+209762-11	+341863-22

ELEMENT	FUNCTION	PHI
30	9	+300000+15

+288119-12	+290254-12	+292468-12	+291748-12
+284591-12	+221994-12	+185163-13	+301772-24
+870812-12	+872931-12	+875000-12	+872835-12
+851421-12	+664149-12	+553960-13	+902824-24
+288509-11	+288716-11	+288872-11	+288156-11
+281087-11	+219261-11	+182883-12	+298057-23
+843031-11	+843222-11	+843241-11	+841150-11
+820513-11	+640039-11	+533850-12	+870050-23
+255962-10	+255977-10	+255936-10	+255301-10
+249038-10	+194261-10	+162031-11	+264073-22
+597631-10	+597636-10	+597511-10	+596028-10
+581405-10	+453524-10	+378280-11	+616507-22
+994219-10	+994213-10	+993989-10	+991523-10
+967197-10	+754460-10	+629287-11	+102559-21

ELEMENT	FUNCTION	PHI
30	9	+100000+16

+960392-12	+967511-12	+974893-12	+972495-12
+948635-12	+739981-12	+617210-13	+100591-23
+290270-11	+290977-11	+291667-11	+290945-11
+283807-11	+221383-11	+184653-12	+300941-23
+961697-11	+962385-11	+962908-11	+960521-11
+936956-11	+730870-11	+609611-12	+993523-23
+281010-10	+281074-10	+281080-10	+280383-10
+273504-10	+213346-10	+177950-11	+290017-22
+853208-10	+853256-10	+853120-10	+851004-10
+830125-10	+647537-10	+540104-11	+880243-22
+199210-09	+199212-09	+199170-09	+198676-09
+193802-09	+161175-09	+126093-10	+205502-21
+331406-09	+331404-09	+331330-09	+330508-09
+322399-09	+251487-09	+209762-10	+341863-21

NEODYMIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
31	1	+100000+13

+658513-05	+661683-05	+679265-05	+726590-05
+807167-05	+102661-04	+127336-04	+129572-04
+211947-04	+212283-04	+214205-04	+220318-04
+244606-04	+308221-04	+382026-04	+388716-04
+751270-04	+751671-04	+754178-04	+766136-04
+840593-04	+103013-03	+127363-03	+129572-03
+248943-03	+248995-03	+249349-03	+251564-03
+267309-03	+311268-03	+382268-03	+388715-03
+939505-03	+939567-03	+940019-03	+943186-03
+967391-03	+106092-02	+127615-02	+129572-02
+311815-02	+311822-02	+311878-02	+312298-02
+315735-02	+333927-02	+384150-02	+388719-02
+117098-01	+117099-01	+117105-01	+117159-01
+117620-01	+120464-01	+128818-01	+129578-01

ELEMENT	FUNCTION	PHI
31	1	+100000+14

+658512-04	+661682-04	+679264-04	+726589-04
+807166-04	+102661-03	+127336-03	+129572-03
+211946-03	+212283-03	+214205-03	+220317-03
+244606-03	+308220-03	+382025-03	+388715-03
+751261-03	+751662-03	+754169-03	+766127-03
+840584-03	+103012-02	+127362-02	+129571-02
+248936-02	+248988-02	+249343-02	+251557-02
+267302-02	+311262-02	+382261-02	+388709-02
+939482-02	+939544-02	+939996-02	+943163-02
+967368-02	+106090-01	+127613-01	+129569-01
+311835-01	+311843-01	+311898-01	+312318-01
+315755-01	+333948-01	+384170-01	+388739-01
+117140+00	+117140+00	+117147+00	+117201+00
+117662+00	+120506+00	+128860+00	+129620+00

ELEMENT	FUNCTION	PHI
31	1	+300000+14

+197553-03	+198504-03	+203779-03	+217976-03
+242149-03	+307983-03	+382006-03	+388715-03
+635833-03	+636841-03	+642607-03	+660944-03
+733810-03	+924655-03	+114607-02	+116614-02
+225372-02	+225493-02	+226244-02	+229832-02
+252169-02	+309029-02	+382081-02	+388707-02
+746767-02	+746922-02	+747986-02	+754628-02
+801864-02	+933743-02	+114674-01	+116608-01
+281828-01	+281847-01	+281982-01	+282932-01
+290194-01	+318253-01	+382821-01	+388692-01
+935597-01	+935619-01	+935786-01	+937046-01
+947356-01	+100193+00	+115260+00	+116631+00
+351528+00	+351531+00	+351551+00	+351712+00
+353095+00	+361627+00	+386688+00	+388968+00

ELEMENT	FUNCTION	PHI
31	1	+100000+15

+658502-03	+661672-03	+679254-03	+726579-03
+807156-03	+102660-02	+127335-02	+129571-02
+211937-02	+212274-02	+214196-02	+220308-02
+244597-02	+308211-02	+382016-02	+388706-02
+751168-02	+751569-02	+754076-02	+766034-02
+840491-02	+103003-01	+127353-01	+129562-01
+248872-01	+248923-01	+249278-01	+251492-01
+267238-01	+311197-01	+382197-01	+388644-01
+939187-01	+939249-01	+939701-01	+942868-01
+967073-01	+106061+00	+127583+00	+129540+00
+311830+00	+311838+00	+311893+00	+312313+00
+315750+00	+333942+00	+384165+00	+388734+00
+116889+01	+116890+01	+116897+01	+116950+01
+117411+01	+120255+01	+128609+01	+129369+01

ELEMENT	FUNCTION	PHI
31	1	+300000+15

+197544-02	+198495-02	+203770-02	+217967-02
+242140-02	+307974-02	+381997-02	+388706-02
+635752-02	+636761-02	+642527-02	+660863-02
+733730-02	+924574-02	+114599-01	+116606-01
+225288-01	+225409-01	+226160-01	+229748-01
+252085-01	+308945-01	+381997-01	+388623-01
+746164-01	+746319-01	+747383-01	+754026-01
+801261-01	+933140-01	+114614+00	+116548+00
+281451+00	+281469+00	+281605+00	+282555+00
+289816+00	+317876+00	+382444+00	+388314+00
+932634+00	+932656+00	+932822+00	+934082+00
+944393+00	+998970+00	+114964+01	+116334+01
+343057+01	+343060+01	+343080+01	+343242+01
+344624+01	+353157+01	+378217+01	+380497+01

ELEMENT	FUNCTION	PHI
31	1	+100000+16

+658402-02	+661573-02	+679155-02	+726480-02
+807056-02	+102650-01	+127325-01	+129561-01
+211847-01	+212183-01	+214105-01	+220217-01
+244506-01	+308121-01	+381925-01	+388615-01
+750221-01	+750622-01	+753128-01	+765086-01
+839544-01	+102908+00	+127258+00	+129467+00
+248134+00	+248186+00	+248540+00	+250754+00
+266500+00	+310459+00	+381459+00	+387906+00
+931897+00	+931960+00	+932411+00	+935578+00
+959783+00	+105332+01	+126854+01	+128811+01
+302943+01	+302951+01	+303006+01	+303426+01
+306863+01	+325055+01	+375278+01	+379847+01
+999468+01	+999477+01	+999544+01	+100008+02
+100469+02	+103313+02	+111667+02	+112427+02

NEODYMIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
31	2	+100000+13

+306948-21	+247815-21	+105559-21	+260328-22
+137335-22	+230484-25	+000000+00	+000000+00
+357216-21	+298047-21	+155464-21	+728438-22
+384413-22	+645144-25	+000000+00	+000000+00
+486216-21	+426956-21	+283551-21	+193002-21
+101863-21	+170953-24	+000000+00	+000000+00
+638160-21	+578792-21	+434420-21	+334532-21
+176566-21	+296323-24	+000000+00	+000000+00
+686258-21	+626856-21	+482178-21	+379334-21
+200213-21	+336009-24	+000000+00	+000000+00
+686595-21	+627192-21	+482512-21	+379647-21
+200378-21	+336286-24	+000000+00	+000000+00
+686595-21	+627192-21	+482512-21	+379647-21
+200378-21	+336286-24	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	2	+100000+14

+306948-20	+247815-20	+105559-20	+260328-21
+137335-21	+230484-24	+000000+00	+000000+00
+357216-20	+298047-20	+155464-20	+728438-21
+384413-21	+645144-24	+000000+00	+000000+00
+486216-20	+426956-20	+283551-20	+193002-20
+101863-20	+170953-23	+000000+00	+000000+00
+638160-20	+578792-20	+434420-20	+334532-20
+176566-20	+296323-23	+000000+00	+000000+00
+686258-20	+626856-20	+482178-20	+379334-20
+200213-20	+336009-23	+000000+00	+000000+00
+686595-20	+627192-20	+482512-20	+379647-20
+200378-20	+336286-23	+000000+00	+000000+00
+686595-20	+627192-20	+482512-20	+379647-20
+200378-20	+336286-23	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	2	+300000+14

+920843-20	+743446-20	+316677-20	+780983-21
+412006-21	+691452-24	+000000+00	+000000+00
+107165-19	+894142-20	+466392-20	+218531-20
+115324-20	+193543-23	+000000+00	+000000+00
+145865-19	+128087-19	+850654-20	+579007-20
+305590-20	+512859-23	+000000+00	+000000+00
+191448-19	+173638-19	+130326-19	+100360-19
+529697-20	+888968-23	+000000+00	+000000+00
+205878-19	+188057-19	+144653-19	+113800-19
+600639-20	+100803-22	+000000+00	+000000+00
+205978-19	+188157-19	+144754-19	+113894-19
+601135-20	+100886-22	+000000+00	+000000+00
+205978-19	+188157-19	+144754-19	+113894-19
+601135-20	+100886-22	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	2	+100000+15

+306948-19	+247815-19	+105559-19	+260328-20
+137335-20	+230484-23	+000000+00	+000000+00
+357216-19	+298047-19	+155464-19	+728438-20
+384413-20	+645144-23	+000000+00	+000000+00
+486216-19	+426956-19	+283551-19	+193002-19
+101863-19	+170953-22	+000000+00	+000000+00
+638160-19	+578792-19	+434420-19	+334532-19
+176566-19	+296323-22	+000000+00	+000000+00
+686258-19	+626856-19	+482178-19	+379334-19
+200213-19	+336009-22	+000000+00	+000000+00
+686595-19	+627192-19	+482512-19	+379647-19
+200378-19	+336286-22	+000000+00	+000000+00
+686595-19	+627192-19	+482512-19	+379647-19
+200378-19	+336286-22	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	2	+300000+15

+920843-19	+743446-19	+316677-19	+780983-20
+412006-20	+691452-23	+000000+00	+000000+00
+107165-18	+894142-19	+466392-19	+218531-19
+115324-19	+193543-22	+000000+00	+000000+00
+145865-18	+128087-18	+850654-19	+579007-19
+305590-19	+512859-22	+000000+00	+000000+00
+191448-18	+173638-18	+130326-18	+100360-18
+529698-19	+888968-22	+000000+00	+000000+00
+205878-18	+188057-18	+144653-18	+113800-18
+600639-19	+100803-21	+000000+00	+000000+00
+205978-18	+188157-18	+144754-18	+113894-18
+601135-19	+100886-21	+000000+00	+000000+00
+205978-18	+188157-18	+144754-18	+113894-18
+601135-19	+100886-21	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	2	+100000+16

+306948-18	+247815-18	+105559-18	+260328-19
+137335-19	+230484-22	+000000+00	+000000+00
+357216-18	+298047-18	+155464-18	+728438-19
+384413-19	+645144-22	+000000+00	+000000+00
+486216-18	+426956-18	+283551-18	+193002-18
+101863-18	+170953-21	+000000+00	+000000+00
+638160-18	+578792-18	+434420-18	+334532-18
+176566-18	+296323-21	+000000+00	+000000+00
+686258-18	+626856-18	+482178-18	+379334-18
+200213-18	+336009-21	+000000+00	+000000+00
+686595-18	+627192-18	+482512-18	+379647-18
+200378-18	+336286-21	+000000+00	+000000+00
+686595-18	+627192-18	+482512-18	+379647-18
+200378-18	+336286-21	+000000+00	+000000+00

NEODYMIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
31	3	+100000+13

+444933-24	+226965-24	+389831-25	+363976-25
+192114-25	+322416-28	+000000+00	+000000+00
+515234-24	+297216-24	+108786-24	+101880-24
+537743-25	+902470-28	+000000+00	+000000+00
+695687-24	+477542-24	+287964-24	+269966-24
+142493-24	+239140-27	+000000+00	+000000+00
+908237-24	+689940-24	+499009-24	+467947-24
+246992-24	+414516-27	+000000+00	+000000+00
+975519-24	+757175-24	+565816-24	+530619-24
+280071-24	+470031-27	+000000+00	+000000+00
+975990-24	+757645-24	+566283-24	+531057-24
+280302-24	+470419-27	+000000+00	+000000+00
+975990-24	+757645-24	+566283-24	+531057-24
+280302-24	+470419-27	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	3	+100000+14

+444933-23	+226965-23	+389831-24	+363976-24
+192114-24	+322416-27	+000000+00	+000000+00
+515234-23	+297216-23	+108786-23	+101880-23
+537743-24	+902470-27	+000000+00	+000000+00
+695687-23	+477542-23	+287963-23	+269966-23
+142493-23	+239140-26	+000000+00	+000000+00
+908237-23	+689940-23	+499009-23	+467947-23
+246992-23	+414516-26	+000000+00	+000000+00
+975519-23	+757175-23	+565816-23	+530619-23
+280071-23	+470031-26	+000000+00	+000000+00
+975990-23	+757645-23	+566283-23	+531057-23
+280302-23	+470419-26	+000000+00	+000000+00
+975990-23	+757645-23	+566283-23	+531057-23
+280302-23	+470419-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	3	+300000+14

+133480-22	+680896-23	+116949-23	+109193-23
+576342-24	+967249-27	+000000+00	+000000+00
+154570-22	+891648-23	+326359-23	+305640-23
+161323-23	+270741-26	+000000+00	+000000+00
+208706-22	+143262-22	+863890-23	+809897-23
+427480-23	+717421-26	+000000+00	+000000+00
+272471-22	+206982-22	+149703-22	+140384-22
+740976-23	+124355-25	+000000+00	+000000+00
+292656-22	+227153-22	+169745-22	+159186-22
+840213-23	+141009-25	+000000+00	+000000+00
+292797-22	+227294-22	+169885-22	+159317-22
+840907-23	+141126-25	+000000+00	+000000+00
+292797-22	+227294-22	+169885-22	+159317-22
+840907-23	+141126-25	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	3	+100000+15

+444933-22	+226965-22	+389831-23	+363976-23
+192114-23	+322416-26	+000000+00	+000000+00
+515234-22	+297216-22	+108786-22	+101880-22
+537743-23	+902470-26	+000000+00	+000000+00
+695687-22	+477542-22	+287964-22	+269966-22
+142493-22	+239140-25	+000000+00	+000000+00
+908237-22	+689940-22	+499009-22	+467947-22
+246992-22	+414516-25	+000000+00	+000000+00
+975519-22	+757175-22	+565816-22	+530619-22
+280071-22	+470031-25	+000000+00	+000000+00
+975990-22	+757645-22	+566283-22	+531057-22
+280302-22	+470419-25	+000000+00	+000000+00
+975990-22	+757645-22	+566283-22	+531057-22
+280302-22	+470419-25	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	3	+300000+15

+133480-21	+680896-22	+116949-22	+109193-22
+576342-23	+967249-26	+000000+00	+000000+00
+154570-21	+891648-22	+326359-22	+305640-22
+161323-22	+270741-25	+000000+00	+000000+00
+208706-21	+143263-21	+863891-22	+809897-22
+427480-22	+717421-25	+000000+00	+000000+00
+272471-21	+206982-21	+149703-21	+140384-21
+740976-22	+124355-24	+000000+00	+000000+00
+292656-21	+227153-21	+169745-21	+159186-21
+840213-22	+141009-24	+000000+00	+000000+00
+292797-21	+227294-21	+169885-21	+159317-21
+840907-22	+141126-24	+000000+00	+000000+00
+292797-21	+227294-21	+169885-21	+159317-21
+840907-22	+141126-24	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	3	+100000+16

+444933-21	+226965-21	+389831-22	+363976-22
+192114-22	+322416-25	+000000+00	+000000+00
+515234-21	+297216-21	+108786-21	+101880-21
+537743-22	+902470-25	+000000+00	+000000+00
+695687-21	+477542-21	+287964-21	+269966-21
+142493-21	+239140-24	+000000+00	+000000+00
+908237-21	+689940-21	+499009-21	+467947-21
+246992-21	+414516-24	+000000+00	+000000+00
+975519-21	+757175-21	+565816-21	+530619-21
+280071-21	+470031-24	+000000+00	+000000+00
+975990-21	+757645-21	+566283-21	+531057-21
+280302-21	+470419-24	+000000+00	+000000+00
+975990-21	+757645-21	+566283-21	+531057-21
+280302-21	+470419-24	+000000+00	+000000+00

NEODYMIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
31	4	+100000+13

+137204-23	+945321-24	+307138-24	+716011-25
+377716-25	+633903-28	+000000+00	+000000+00
+151029-23	+108348-23	+444394-24	+200346-24
+105726-24	+177435-27	+000000+00	+000000+00
+186508-23	+143802-23	+796674-24	+530820-24
+280156-24	+470174-27	+000000+00	+000000+00
+228298-23	+185561-23	+121161-23	+920072-24
+485611-24	+814980-27	+000000+00	+000000+00
+241526-23	+198780-23	+134296-23	+104329-23
+550648-24	+924129-27	+000000+00	+000000+00
+241619-23	+198873-23	+134388-23	+104415-23
+551103-24	+924892-27	+000000+00	+000000+00
+241619-23	+198873-23	+134388-23	+104415-23
+551103-24	+924892-27	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	4	+100000+14

+137204-22	+945321-23	+307138-23	+716011-24
+377716-24	+633903-27	+000000+00	+000000+00
+151029-22	+108348-22	+444394-23	+200346-23
+105726-23	+177435-26	+000000+00	+000000+00
+186508-22	+143802-22	+796674-23	+530820-23
+280156-23	+470174-26	+000000+00	+000000+00
+228298-22	+185561-22	+121161-22	+920072-23
+485611-23	+814980-26	+000000+00	+000000+00
+241526-22	+198780-22	+134296-22	+104329-22
+550648-23	+924129-26	+000000+00	+000000+00
+241619-22	+198873-22	+134388-22	+104415-22
+551103-23	+924892-26	+000000+00	+000000+00
+241619-22	+198873-22	+134388-22	+104415-22
+551103-23	+924892-26	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	4	+300000+14

+411611-22	+283596-22	+921415-23	+214803-23
+113315-23	+190171-26	+000000+00	+000000+00
+453088-22	+325043-22	+133318-22	+601038-23
+317177-23	+532305-26	+000000+00	+000000+00
+559525-22	+431405-22	+239002-22	+159246-22
+840469-23	+141052-25	+000000+00	+000000+00
+684894-22	+556684-22	+363483-22	+276022-22
+145683-22	+244494-25	+000000+00	+000000+00
+724579-22	+596341-22	+402888-22	+312987-22
+165194-22	+277239-25	+000000+00	+000000+00
+724856-22	+596618-22	+403163-22	+313245-22
+165331-22	+277468-25	+000000+00	+000000+00
+724856-22	+596618-22	+403163-22	+313245-22
+165331-22	+277468-25	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	4	+100000+15

+137204-21	+945321-22	+307138-22	+716011-23
+377716-23	+633903-26	+000000+00	+000000+00
+151029-21	+108348-21	+444394-22	+200346-22
+105726-22	+177435-25	+000000+00	+000000+00
+186508-21	+143802-21	+796674-22	+530820-22
+280156-22	+470174-25	+000000+00	+000000+00
+228298-21	+185561-21	+121161-21	+920072-22
+485611-22	+814980-25	+000000+00	+000000+00
+241526-21	+198780-21	+134296-21	+104329-21
+550648-22	+924129-25	+000000+00	+000000+00
+241619-21	+198873-21	+134388-21	+104415-21
+551103-22	+924892-25	+000000+00	+000000+00
+241619-21	+198873-21	+134388-21	+104415-21
+551103-22	+924892-25	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	4	+300000+15

+411611-21	+283596-21	+921415-22	+214803-22
+113315-22	+190171-25	+000000+00	+000000+00
+453088-21	+325043-21	+133318-21	+601038-22
+317177-22	+532305-25	+000000+00	+000000+00
+559525-21	+431405-21	+239002-21	+159246-21
+840469-22	+141052-24	+000000+00	+000000+00
+684894-21	+556684-21	+363483-21	+276022-21
+145683-21	+244494-24	+000000+00	+000000+00
+724579-21	+596341-21	+402888-21	+312987-21
+165194-21	+277239-24	+000000+00	+000000+00
+724856-21	+596618-21	+403163-21	+313245-21
+165331-21	+277468-24	+000000+00	+000000+00
+724856-21	+596618-21	+403163-21	+313245-21
+165331-21	+277468-24	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	4	+100000+16

+137204-20	+945321-21	+307138-21	+716011-22
+377716-22	+633904-25	+000000+00	+000000+00
+151029-20	+108348-20	+444394-21	+200346-21
+105726-21	+177435-24	+000000+00	+000000+00
+186508-20	+143802-20	+796674-21	+530820-21
+280156-21	+470174-24	+000000+00	+000000+00
+228298-20	+185561-20	+121161-20	+920072-21
+485611-21	+814980-24	+000000+00	+000000+00
+241526-20	+198780-20	+134296-20	+104329-20
+550648-21	+924129-24	+000000+00	+000000+00
+241619-20	+198873-20	+134388-20	+104415-20
+551103-21	+924892-24	+000000+00	+000000+00
+241619-20	+198873-20	+134388-20	+104415-20
+551103-21	+924892-24	+000000+00	+000000+00

NEODYMIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
31	5	+100000+13

+116184-27	+117708-27	+128812-27	+178206-27
+565843-27	+119383-26	+120887-26	+120994-26
+512568-27	+514901-27	+533309-27	+659385-27
+180237-26	+358212-26	+362661-26	+362982-26
+330781-26	+331322-26	+335925-26	+375747-26
+704304-26	+119468-25	+120886-25	+120992-25
+195609-25	+195708-25	+196569-25	+204442-25
+266793-25	+358752-25	+362625-25	+362934-25
+997894-25	+998012-25	+999053-25	+100867-24
+108428-24	+119706-24	+120795-24	+120889-24
+338646-24	+338658-24	+338763-24	+339732-24
+347364-24	+359098-24	+361565-24	+361784-24
+117009-23	+117011-23	+117021-23	+117119-23
+117888-23	+119110-23	+119517-23	+119553-23

ELEMENT	FUNCTION	PHI
31	5	+100000+14

+116183-26	+117706-26	+128810-26	+178205-26
+565841-26	+119382-25	+120887-25	+120994-25
+512528-26	+514861-26	+533269-26	+659345-26
+180233-25	+358209-25	+362657-25	+362978-25
+330613-25	+331154-25	+335757-25	+375579-25
+704136-25	+119451-24	+120870-24	+120976-24
+195177-24	+195276-24	+196137-24	+204010-24
+266361-24	+358320-24	+362193-24	+362502-24
+988537-24	+988656-24	+989696-24	+999314-24
+107493-23	+118771-23	+119860-23	+119954-23
+328144-23	+328156-23	+328261-23	+329231-23
+336863-23	+348596-23	+351063-23	+351282-23
+105176-22	+105178-22	+105188-22	+105286-22
+106054-22	+107277-22	+107684-22	+107720-22

ELEMENT	FUNCTION	PHI
31	5	+300000+14

+348536-26	+353107-26	+386420-26	+534602-26
+169751-25	+358146-25	+362659-25	+362981-25
+153732-25	+154432-25	+159954-25	+197777-25
+540672-25	+107460-24	+108794-24	+108891-24
+990725-25	+992346-25	+100616-24	+112562-24
+211129-24	+358243-24	+362497-24	+362815-24
+582670-24	+582966-24	+585548-24	+609168-24
+796220-24	+107210-23	+108372-23	+108464-23
+290470-23	+290505-23	+290817-23	+293703-23
+316387-23	+350220-23	+353488-23	+353769-23
+919608-23	+919644-23	+919959-23	+922867-23
+945763-23	+980963-23	+988364-23	+989022-23
+254563-22	+254567-22	+254598-22	+254891-22
+257197-22	+260865-22	+262085-22	+262194-22

ELEMENT	FUNCTION	PHI
31	5	+100000+15

+116165-25	+117689-25	+128793-25	+178187-25
+565824-25	+119381-24	+120885-24	+120992-24
+512133-25	+514466-25	+532874-25	+658950-25
+180193-24	+358169-24	+362617-24	+362939-24
+328946-24	+329487-24	+334090-24	+373912-24
+702469-24	+119285-23	+120703-23	+120809-23
+190947-23	+191046-23	+191906-23	+199780-23
+262130-23	+354089-23	+357963-23	+358272-23
+902137-23	+902255-23	+903295-23	+912913-23
+988527-23	+110131-22	+111220-22	+111314-22
+246377-22	+246389-22	+246494-22	+247463-22
+255095-22	+266828-22	+269295-22	+269515-22
+491989-22	+492001-22	+492106-22	+493081-22
+500770-22	+512995-22	+517061-22	+517426-22

ELEMENT	FUNCTION	PHI
31	5	+300000+15

+348380-25	+352951-25	+386263-25	+534446-25
+169736-24	+358131-24	+362643-24	+362965-24
+153377-24	+154077-24	+159599-24	+197422-24
+540317-24	+107424-23	+108759-23	+108855-23
+975915-24	+977537-24	+991347-24	+111081-23
+209648-23	+356762-23	+361016-23	+361334-23
+546302-23	+546598-23	+549181-23	+572801-23
+759852-23	+103573-22	+104735-22	+104828-22
+224707-22	+224743-22	+225055-22	+227940-22
+250624-22	+284458-22	+287725-22	+288007-22
+460022-22	+460058-22	+460372-22	+463281-22
+486177-22	+521377-22	+528777-22	+529435-22
+755011-22	+755047-22	+755363-22	+758289-22
+781353-22	+818029-22	+830227-22	+831321-22

ELEMENT	FUNCTION	PHI
31	5	+100000+16

+115991-24	+117515-24	+128619-24	+178013-24
+565650-24	+119363-23	+120867-23	+120975-23
+508224-24	+510557-24	+528965-24	+655041-24
+179802-23	+357778-23	+362227-23	+362548-23
+313209-23	+313750-23	+318353-23	+358175-23
+686731-23	+117711-22	+119129-22	+119235-22
+156256-22	+156355-22	+157215-22	+165089-22
+227439-22	+319398-22	+323272-22	+323581-22
+458058-22	+458177-22	+459217-22	+468834-22
+544448-22	+657227-22	+668118-22	+669058-22
+725633-22	+725752-22	+726800-22	+736496-22
+812815-22	+930148-22	+954818-22	+957010-22
+132279-21	+132291-21	+132396-21	+133371-21
+141059-21	+153285-21	+157351-21	+157715-21

NEODYMIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI	
31	6	+100000+13	
+479613-11	+255324-11	+617637-12	+577630-12
+304885-12	+511675-15	+000000+00	+000000+00
+591180-11	+366811-11	+172541-11	+161683-11
+853398-12	+143222-14	+000000+00	+000000+00
+877560-11	+652988-11	+456895-11	+428436-11
+226137-11	+379516-14	+000000+00	+000000+00
+121488-10	+990065-11	+791825-11	+742632-11
+391976-11	+657836-14	+000000+00	+000000+00
+132165-10	+109677-10	+897847-11	+842091-11
+444473-11	+745939-14	+000000+00	+000000+00
+132240-10	+109751-10	+898588-11	+842787-11
+444840-11	+746555-14	+000000+00	+000000+00
+132240-10	+109751-10	+898588-11	+842787-11
+444840-11	+746555-14	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
31	6	+100000+14	
+479613-10	+255324-10	+617637-11	+577630-11
+304885-11	+511675-14	+000000+00	+000000+00
+591180-10	+366811-10	+172541-10	+161683-10
+853398-11	+143222-13	+000000+00	+000000+00
+877560-10	+652988-10	+456895-10	+428436-10
+226137-10	+379516-13	+000000+00	+000000+00
+121488-09	+990064-10	+791825-10	+742632-10
+391976-10	+657836-13	+000000+00	+000000+00
+132165-09	+109677-09	+897847-10	+842091-10
+444473-10	+745939-13	+000000+00	+000000+00
+132240-09	+109751-09	+898588-10	+842787-10
+444840-10	+746555-13	+000000+00	+000000+00
+132240-09	+109751-09	+898588-10	+842787-10
+444840-10	+746555-13	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
31	6	+300000+14	
+143884-09	+765971-10	+185291-10	+173289-10
+914654-11	+153502-13	+000000+00	+000000+00
+177354-09	+110043-09	+517624-10	+485050-10
+256019-10	+429666-13	+000000+00	+000000+00
+263268-09	+195896-09	+137069-09	+128531-09
+678411-10	+113855-12	+000000+00	+000000+00
+364463-09	+297019-09	+237547-09	+222790-09
+117593-09	+197351-12	+000000+00	+000000+00
+396496-09	+329030-09	+269354-09	+252627-09
+133342-09	+223782-12	+000000+00	+000000+00
+396720-09	+329254-09	+269576-09	+252836-09
+133452-09	+223966-12	+000000+00	+000000+00
+396720-09	+329254-09	+269576-09	+252836-09
+133452-09	+223966-12	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
31	6	+100000+15	
+479613-09	+255324-09	+617637-10	+577630-10
+304885-10	+511675-13	+000000+00	+000000+00
+591180-09	+366811-09	+172541-09	+161683-09
+853398-10	+143222-12	+000000+00	+000000+00
+877560-09	+652988-09	+456895-09	+428436-09
+226137-09	+379516-12	+000000+00	+000000+00
+121488-08	+990064-09	+791825-09	+742632-09
+391976-09	+657836-12	+000000+00	+000000+00
+132165-08	+109677-08	+897847-09	+842091-09
+444473-09	+745939-12	+000000+00	+000000+00
+132240-08	+109751-08	+898588-09	+842787-09
+444840-09	+746555-12	+000000+00	+000000+00
+132240-08	+109751-08	+898588-09	+842787-09
+444840-09	+746555-12	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
31	6	+300000+15	
+143884-08	+765971-09	+185291-09	+173289-09
+914654-10	+153502-12	+000000+00	+000000+00
+177354-08	+110043-08	+517624-09	+485050-09
+256019-09	+429666-12	+000000+00	+000000+00
+263268-08	+195896-08	+137069-08	+128531-08
+678411-09	+113855-11	+000000+00	+000000+00
+364463-08	+297019-08	+237547-08	+222790-08
+117593-08	+197351-11	+000000+00	+000000+00
+396496-08	+329030-08	+269354-08	+252627-08
+133342-08	+223782-11	+000000+00	+000000+00
+396720-08	+329254-08	+269576-08	+252836-08
+133452-08	+223966-11	+000000+00	+000000+00
+396720-08	+329254-08	+269576-08	+252836-08
+133452-08	+223966-11	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
31	6	+100000+16	
+479613-08	+255324-08	+617637-09	+577630-09
+304885-09	+511675-12	+000000+00	+000000+00
+591180-08	+366811-08	+172541-08	+161683-08
+853398-09	+143222-11	+000000+00	+000000+00
+877560-08	+652988-08	+456895-08	+428436-08
+226137-08	+379516-11	+000000+00	+000000+00
+121488-07	+990065-08	+791825-08	+742632-08
+391976-08	+657836-11	+000000+00	+000000+00
+132165-07	+109677-07	+897847-08	+842091-08
+444473-08	+745939-11	+000000+00	+000000+00
+132240-07	+109751-07	+898588-08	+842787-08
+444840-08	+746555-11	+000000+00	+000000+00
+132240-07	+109751-07	+898588-08	+842787-08
+444840-08	+746555-11	+000000+00	+000000+00

NEODYMIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
31	7	+100000+13

+319742-11	+170216-11	+411758-12	+385087-12
+203256-12	+341116-15	+000000+00	+000000+00
+394120-11	+244541-11	+115028-11	+107789-11
+568932-12	+954813-15	+000000+00	+000000+00
+585040-11	+435325-11	+304597-11	+285624-11
+150758-11	+253010-14	+000000+00	+000000+00
+809917-11	+660043-11	+527883-11	+495088-11
+261317-11	+438558-14	+000000+00	+000000+00
+881102-11	+731177-11	+598564-11	+561394-11
+296315-11	+497293-14	+000000+00	+000000+00
+881600-11	+731675-11	+599059-11	+561858-11
+296560-11	+497703-14	+000000+00	+000000+00
+881600-11	+731675-11	+599059-11	+561858-11
+296560-11	+497703-14	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	7	+100000+14

+319742-10	+170216-10	+411758-11	+385087-11
+203256-11	+341116-14	+000000+00	+000000+00
+394120-10	+244541-10	+115028-10	+107789-10
+568932-11	+954813-14	+000000+00	+000000+00
+585040-10	+435325-10	+304597-10	+285624-10
+150758-10	+253010-13	+000000+00	+000000+00
+809917-10	+660043-10	+527883-10	+495088-10
+261317-10	+438558-13	+000000+00	+000000+00
+881102-10	+731177-10	+598564-10	+561394-10
+296315-10	+497293-13	+000000+00	+000000+00
+881600-10	+731675-10	+599059-10	+561858-10
+296560-10	+497703-13	+000000+00	+000000+00
+881600-10	+731675-10	+599059-10	+561858-10
+296560-10	+497703-13	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	7	+300000+14

+959227-10	+510647-10	+123527-10	+115526-10
+609769-11	+102335-13	+000000+00	+000000+00
+118236-09	+733623-10	+345083-10	+323367-10
+170680-10	+286444-13	+000000+00	+000000+00
+175512-09	+130598-09	+913791-10	+856871-10
+452274-10	+759031-13	+000000+00	+000000+00
+242975-09	+198013-09	+158365-09	+148526-09
+783952-10	+131567-12	+000000+00	+000000+00
+264331-09	+219353-09	+179569-09	+168418-09
+888945-10	+149188-12	+000000+00	+000000+00
+264480-09	+219502-09	+179718-09	+168557-09
+889679-10	+149311-12	+000000+00	+000000+00
+264480-09	+219502-09	+179718-09	+168557-09
+889679-10	+149311-12	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	7	+100000+15

+319742-09	+170216-09	+411758-10	+385087-10
+203256-10	+341116-13	+000000+00	+000000+00
+394120-09	+244541-09	+115028-09	+107789-09
+568932-10	+954813-13	+000000+00	+000000+00
+585040-09	+435325-09	+304597-09	+285624-09
+150758-09	+253010-12	+000000+00	+000000+00
+809917-09	+660043-09	+527883-09	+495088-09
+261317-09	+438558-12	+000000+00	+000000+00
+881102-09	+731177-09	+598564-09	+561394-09
+296315-09	+497293-12	+000000+00	+000000+00
+881600-09	+731675-09	+599059-09	+561858-09
+296560-09	+497703-12	+000000+00	+000000+00
+881600-09	+731675-09	+599059-09	+561858-09
+296560-09	+497703-12	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	7	+300000+15

+959227-09	+510647-09	+123527-09	+115526-09
+609769-10	+102335-12	+000000+00	+000000+00
+118236-08	+733623-09	+345083-09	+323367-09
+170680-09	+286444-12	+000000+00	+000000+00
+175512-08	+130598-08	+913791-09	+856871-09
+452274-09	+759031-12	+000000+00	+000000+00
+242975-08	+198013-08	+158365-08	+148526-08
+783952-09	+131567-11	+000000+00	+000000+00
+264331-08	+219353-08	+179569-08	+168418-08
+888945-09	+149188-11	+000000+00	+000000+00
+264480-08	+219502-08	+179718-08	+168557-08
+889679-09	+149311-11	+000000+00	+000000+00
+264480-08	+219502-08	+179718-08	+168557-08
+889679-09	+149311-11	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	7	+100000+16

+319742-08	+170216-08	+411758-09	+385087-09
+203256-09	+341116-12	+000000+00	+000000+00
+394120-08	+244541-08	+115028-08	+107789-08
+568932-09	+954813-12	+000000+00	+000000+00
+585040-08	+435325-08	+304597-08	+285624-08
+150758-08	+253010-11	+000000+00	+000000+00
+809917-08	+660043-08	+527883-08	+495088-08
+261317-08	+438558-11	+000000+00	+000000+00
+881102-08	+731177-08	+598564-08	+561394-08
+296315-08	+497293-11	+000000+00	+000000+00
+881600-08	+731675-08	+599059-08	+561858-08
+296560-08	+497703-11	+000000+00	+000000+00
+881600-08	+731675-08	+599059-08	+561858-08
+296560-08	+497703-11	+000000+00	+000000+00

NEODYMIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI	
31	8	+100000+13	
+139200-11	+644514-12	+630336-15	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-11	+644514-12	+630336-15	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-11	+644514-12	+630336-15	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-11	+644514-12	+630336-15	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-11	+644514-12	+630336-15	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-11	+644514-12	+630336-15	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-11	+644514-12	+630336-15	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
31	8	+100000+14	
+139200-10	+644514-11	+630336-14	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-10	+644514-11	+630336-14	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-10	+644514-11	+630336-14	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-10	+644514-11	+630336-14	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-10	+644514-11	+630336-14	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-10	+644514-11	+630336-14	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-10	+644514-11	+630336-14	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
31	8	+300000+14	
+417600-10	+193354-10	+189101-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+417600-10	+193354-10	+189101-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+417600-10	+193354-10	+189101-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+417600-10	+193354-10	+189101-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+417600-10	+193354-10	+189101-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+417600-10	+193354-10	+189101-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+417600-10	+193354-10	+189101-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
31	8	+100000+15	
+139200-09	+644514-10	+630336-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-09	+644514-10	+630336-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-09	+644514-10	+630336-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-09	+644514-10	+630336-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-09	+644514-10	+630336-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-09	+644514-10	+630336-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-09	+644514-10	+630336-13	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
31	8	+300000+15	
+417600-09	+193354-09	+189101-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+417600-09	+193354-09	+189101-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+417600-09	+193354-09	+189101-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+417600-09	+193354-09	+189101-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+417600-09	+193354-09	+189101-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+417600-09	+193354-09	+189101-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+417600-09	+193354-09	+189101-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
31	8	+100000+16	
+139200-08	+644514-09	+630336-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-08	+644514-09	+630336-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-08	+644514-09	+630336-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-08	+644514-09	+630336-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-08	+644514-09	+630336-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-08	+644514-09	+630336-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+139200-08	+644514-09	+630336-12	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

NEODYMIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
31	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
31	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

PROMETHIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
32	1	+100000+13

+836467-06	+843115-06	+863408-06	+717865-06
+807291-06	+140067-06	+654652-06	+323067-09
+217416-05	+217878-05	+218159-05	+192091-05
+254817-05	+419840-05	+196229-05	+968381-09
+673939-05	+674594-05	+676637-05	+671021-05
+975813-05	+139656-04	+652162-06	+321838-08
+287995-04	+288112-04	+288784-04	+292752-04
+355776-04	+415247-04	+193999-04	+957371-08
+127367-03	+127380-03	+127456-03	+127931-03
+134580-03	+134422-03	+627850-04	+309840-07
+385108-03	+385119-03	+385175-03	+385454-03
+390151-03	+371262-03	+173392-03	+855680-07
+100836-02	+100837-02	+100838-02	+100818-02
+100814-02	+943934-03	+440837-03	+217550-06

ELEMENT	FUNCTION	PHI
32	1	+100000+14

+836467-05	+843115-05	+863408-05	+717865-05
+807291-05	+140067-04	+654651-05	+323067-08
+217416-04	+217878-04	+218158-04	+192090-04
+254815-04	+419838-04	+196228-04	+968375-08
+673915-04	+674570-04	+676612-04	+670989-04
+975745-04	+139548-03	+652128-04	+321821-07
+287899-03	+288016-03	+288687-03	+292646-03
+355629-03	+416098-03	+193929-03	+957027-07
+127116-02	+127128-02	+127203-02	+127674-02
+134299-02	+134163-02	+626594-03	+309220-06
+382417-02	+382427-02	+382481-02	+382746-02
+387379-02	+368666-02	+172180-02	+849697-06
+986015-02	+986020-02	+986025-02	+985800-02
+985707-02	+923079-02	+431098-02	+212744-05

ELEMENT	FUNCTION	PHI
32	1	+300000+14

+250940-04	+252934-04	+259022-04	+215359-04
+242187-04	+420171-04	+196395-04	+969198-08
+652245-04	+653633-04	+654473-04	+576267-04
+764432-04	+125960-03	+588678-04	+290509-07
+202159-03	+202355-03	+202967-03	+201276-03
+292678-03	+418696-03	+196615-03	+965349-07
+863056-03	+863407-03	+865414-03	+877238-03
+106591-02	+124430-02	+581323-03	+286879-06
+379678-02	+379715-02	+379937-02	+381315-02
+401031-02	+400674-02	+187145-02	+923547-06
+112959-01	+112962-01	+112977-01	+113047-01
+114396-01	+108897-01	+608589-02	+250985-05
+281663-01	+281664-01	+281664-01	+281580-01
+281623-01	+263731-01	+123168-01	+607826-05

ELEMENT	FUNCTION	PHI
32	1	+100000+15

+836467-04	+843114-04	+863408-04	+717863-04
+807283-04	+140056-03	+654647-04	+323065-07
+217413-03	+217876-03	+218155-03	+192085-03
+254796-03	+419815-03	+196218-03	+968323-07
+673678-03	+674331-03	+676366-03	+670672-03
+975069-03	+139474-02	+651780-03	+321650-06
+286941-02	+287058-02	+287720-02	+291598-02
+354173-02	+413613-02	+193235-02	+953606-06
+124640-01	+124652-01	+124722-01	+125144-01
+131535-01	+131609-01	+614245-02	+303126-05
+356907-01	+356916-01	+356956-01	+357087-01
+361138-01	+344098-01	+160706-01	+793075-05
+797833-01	+797835-01	+797818-01	+797394-01
+796991-01	+747636-01	+349163-01	+172310-04

ELEMENT	FUNCTION	PHI
32	1	+300000+15

+250940-03	+252934-03	+259022-03	+215358-03
+242180-03	+420163-03	+196392-03	+969180-07
+652222-03	+653609-03	+654447-03	+576216-03
+764256-03	+125930-02	+588583-03	+290462-06
+201946-02	+202141-02	+202746-02	+200991-02
+292072-02	+417928-02	+195304-02	+963812-06
+854520-02	+854862-02	+856791-02	+867894-02
+105294-01	+123108-01	+575149-02	+283832-05
+358193-01	+358225-01	+358403-01	+359370-01
+377081-01	+377777-01	+176461-01	+870776-05
+925044-01	+925062-01	+925105-01	+924799-01
+933947-01	+892450-01	+416810-01	+205693-04
+161023+00	+161022+00	+161011+00	+160826+00
+160703+00	+151460+00	+707316-01	+349056-04

ELEMENT	FUNCTION	PHI
32	1	+100000+16

+836464-03	+843111-03	+863403-03	+717847-03
+807210-03	+140048-02	+654607-03	+323045-06
+217388-02	+217850-02	+218126-02	+192028-02
+254601-02	+419590-02	+196113-02	+967804-06
+671332-02	+671977-02	+673937-02	+667545-02
+968408-02	+138741-01	+648360-02	+319962-05
+277758-01	+277865-01	+278445-01	+281556-01
+340273-01	+399469-01	+186625-01	+920984-05
+103527+00	+103534+00	+103563+00	+103605+00
+108141+00	+109178+00	+509956-01	+251660-04
+198894+00	+198895+00	+198866+00	+198461+00
+193874+00	+193412+00	+903341-01	+445793-04
+231289+00	+231288+00	+231239+00	+230549+00
+230902+00	+221902+00	+103639+00	+511453-04

PROMETHIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
32	2	+100000+13

+946858-22	+952720-22	+953065-22	+641978-22
+201906-23	+320239-24	+149686-24	+738688-28
+199854-21	+199966-21	+195839-21	+131903-21
+458600-23	+959959-24	+448676-24	+221419-27
+277051-21	+276860-21	+270064-21	+184384-21
+813651-23	+319092-23	+149116-23	+735879-27
+288193-21	+287981-21	+281003-21	+193805-21
+142168-22	+949458-23	+443576-23	+218902-26
+310892-21	+310680-21	+303701-21	+216500-21
+368883-22	+307364-22	+143567-22	+708446-26
+370242-21	+370029-21	+363040-21	+275742-21
+954166-22	+848886-22	+396469-22	+195650-25
+513769-21	+513543-21	+506529-21	+418996-21
+236941-21	+216829-21	+100797-21	+497426-25

ELEMENT	FUNCTION	PHI
32	2	+100000+14

+946858-21	+952720-21	+953065-21	+641978-21
+201907-22	+320239-23	+149686-23	+738687-27
+199855-20	+199967-20	+195840-20	+131903-20
+458620-22	+959964-23	+448674-23	+221418-26
+277074-20	+276883-20	+270087-20	+184404-20
+814149-22	+319076-22	+149108-22	+735840-26
+288460-20	+288248-20	+281265-20	+194033-20
+142728-21	+949116-22	+443416-22	+218823-25
+312507-20	+312292-20	+306291-20	+217879-20
+371934-21	+306739-21	+143270-21	+707028-25
+375021-20	+374799-20	+367737-20	+279761-20
+959744-21	+842960-21	+393687-21	+194282-24
+522821-20	+522584-20	+515378-20	+426064-20
+234944-20	+211061-20	+985699-21	+486436-24

ELEMENT	FUNCTION	PHI
32	2	+300000+14

+284058-20	+285816-20	+285920-20	+192594-20
+605727-22	+960716-23	+449066-23	+221606-26
+599572-20	+599908-20	+587526-20	+395715-20
+137599-21	+287983-22	+134600-22	+664245-26
+831378-20	+830804-20	+810413-20	+553345-20
+244576-21	+957111-22	+447271-22	+220726-25
+867153-20	+866514-20	+845543-20	+583622-20
+431913-21	+284608-21	+132919-21	+655946-25
+948208-20	+947649-20	+926394-20	+662766-20
+113599-20	+916136-21	+427904-21	+211168-24
+115615-19	+115544-19	+113378-19	+865426-20
+291527-20	+248992-20	+116288-20	+573875-24
+162397-19	+162312-19	+160032-19	+132135-19
+691792-20	+603016-20	+281622-20	+138979-23

ELEMENT	FUNCTION	PHI
32	2	+100000+15

+946862-20	+952724-20	+953069-20	+641981-20
+201915-21	+320237-22	+149684-22	+738683-26
+199864-19	+199976-19	+195849-19	+131911-19
+458813-21	+959902-22	+448649-22	+221406-25
+277306-19	+277114-19	+270315-19	+184603-19
+819120-21	+318906-21	+149029-21	+735448-25
+291110-19	+290894-19	+283875-19	+196307-19
+148298-20	+945722-21	+441830-21	+218041-24
+328266-19	+328027-19	+320804-19	+231339-19
+401679-20	+300693-20	+140446-20	+693094-24
+419036-19	+418790-19	+411002-19	+316756-19
+100986-19	+786776-20	+367452-20	+181335-23
+591355-19	+590949-19	+582235-19	+478912-19
+216439-19	+170946-19	+798357-20	+393985-23

ELEMENT	FUNCTION	PHI
32	2	+300000+15

+284061-19	+285820-19	+285923-19	+192597-19
+605799-21	+960697-22	+449047-22	+221602-25
+599652-19	+599988-19	+587606-19	+395784-19
+137773-20	+287936-21	+134679-21	+664138-25
+833454-19	+832877-19	+812457-19	+555127-19
+249034-20	+956686-21	+446669-21	+220374-24
+890704-19	+890029-19	+868736-19	+603826-19
+481403-20	+281486-20	+131507-20	+648979-24
+108266-18	+108179-18	+105874-18	+777578-19
+138909-19	+863782-20	+403463-20	+199102-23
+148801-18	+148672-18	+145993-18	+114396-18
+327160-19	+204068-19	+953030-20	+470315-23
+197801-18	+197621-18	+194489-18	+158685-18
+564686-19	+346289-19	+161727-19	+798112-23

ELEMENT	FUNCTION	PHI
32	2	+100000+16

+946899-19	+952761-19	+953105-19	+642013-19
+201996-20	+320217-21	+149676-21	+738637-25
+199953-18	+200065-18	+195937-18	+131988-18
+460739-20	+959387-21	+448409-21	+221287-24
+279583-18	+279388-18	+272558-18	+186558-18
+868026-20	+317230-20	+148247-20	+731588-24
+316148-18	+315893-18	+308533-18	+217787-18
+200894-19	+913368-20	+426716-20	+210582-23
+452860-18	+452425-18	+443448-18	+337696-18
+634094-19	+249634-19	+116601-19	+575417-23
+629475-18	+628805-18	+617729-18	+492478-18
+118678-18	+462236-19	+206648-19	+101930-22
+689230-18	+688480-18	+676694-18	+544845-18
+137242-18	+507376-19	+236969-19	+116943-22

PROMETHIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
32	3	+100000+13

+209780-24	+210888-24	+208274-24	+133581-24
+315257-26	+542045-38	+000000+00	+000000+00
+424988-24	+425032-24	+413096-24	+266454-24
+685961-26	+131449-36	+000000+00	+000000+00
+566176-24	+565621-24	+548417-24	+359547-24
+100931-25	+340924-36	+000000+00	+000000+00
+576678-24	+576085-24	+558547-24	+366881-24
+104109-25	+394371-34	+000000+00	+000000+00
+577432-24	+576838-24	+559289-24	+367528-24
+105759-25	+246856-33	+000000+00	+000000+00
+579425-24	+578828-24	+561252-24	+369241-24
+110162-25	+797495-33	+000000+00	+000000+00
+584245-24	+583640-24	+566000-24	+373385-24
+120809-25	+213152-32	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
32	3	+100000+14

+209780-23	+210889-23	+208275-23	+133581-23
+315261-25	+543550-36	+000000+00	+000000+00
+424992-23	+425036-23	+413100-23	+266458-23
+686056-25	+131483-34	+000000+00	+000000+00
+566287-23	+565732-23	+548526-23	+359643-23
+101176-24	+340882-33	+000000+00	+000000+00
+577960-23	+577364-23	+559809-23	+367983-23
+106940-24	+394167-32	+000000+00	+000000+00
+585407-23	+584800-23	+567144-23	+374385-23
+123376-24	+246318-31	+000000+00	+000000+00
+605148-23	+604511-23	+586590-23	+391359-23
+166986-24	+791733-31	+000000+00	+000000+00
+651824-23	+651117-23	+632566-23	+431493-23
+270097-24	+208368-30	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
32	3	+300000+14

+629342-23	+632667-23	+624825-23	+400745-23
+945808-25	+488134-35	+000000+00	+000000+00
+127501-22	+127514-22	+123933-22	+799398-23
+205880-24	+118300-33	+000000+00	+000000+00
+169960-22	+169793-22	+164631-22	+107956-22
+305159-24	+306687-32	+000000+00	+000000+00
+174241-22	+174061-22	+168783-22	+111128-22
+339663-24	+354338-31	+000000+00	+000000+00
+180901-22	+180711-22	+175343-22	+116855-22
+486746-24	+219714-30	+000000+00	+000000+00
+198297-22	+198081-22	+192478-22	+131812-22
+871038-24	+701218-30	+000000+00	+000000+00
+237434-22	+237159-22	+231029-22	+165464-22
+173562-23	+178461-29	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
32	3	+100000+15

+209782-22	+210890-22	+208276-22	+133583-22
+315300-24	+543169-34	+000000+00	+000000+00
+425035-22	+425079-22	+413142-22	+266494-22
+686999-24	+131419-32	+000000+00	+000000+00
+567394-22	+566836-22	+549616-22	+360594-22
+103620-23	+340372-31	+000000+00	+000000+00
+590702-22	+590088-22	+572361-22	+378939-22
+135090-23	+392117-30	+000000+00	+000000+00
+663259-22	+662635-22	+643829-22	+441325-22
+295358-23	+240019-29	+000000+00	+000000+00
+842857-22	+841852-22	+820736-22	+595752-22
+692108-23	+737133-29	+000000+00	+000000+00
+118382-21	+118231-21	+115659-21	+888930-22
+144633-22	+168090-28	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
32	3	+300000+15

+629357-22	+632683-22	+624841-22	+400759-22
+946159-24	+488451-33	+000000+00	+000000+00
+127539-21	+127552-21	+123971-21	+799728-22
+206728-23	+118162-31	+000000+00	+000000+00
+170952-21	+170784-21	+165608-21	+108809-21
+327079-23	+306320-30	+000000+00	+000000+00
+185564-21	+185367-21	+179937-21	+120865-21
+589809-23	+348857-29	+000000+00	+000000+00
+247358-21	+247067-21	+240804-21	+173997-21
+195484-22	+205918-28	+000000+00	+000000+00
+378849-21	+378361-21	+370325-21	+287060-21
+486962-22	+669877-28	+000000+00	+000000+00
+537803-21	+537074-21	+526896-21	+423736-21
+837106-22	+100985-27	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
32	3	+100000+16

+209800-21	+210908-21	+208294-21	+133598-21
+315689-23	+541623-32	+000000+00	+000000+00
+425460-21	+425503-21	+413561-21	+266860-21
+696394-23	+130851-30	+000000+00	+000000+00
+578280-21	+577706-21	+560339-21	+369954-21
+127668-22	+335347-29	+000000+00	+000000+00
+711099-21	+710303-21	+690953-21	+482462-21
+401059-22	+372461-28	+000000+00	+000000+00
+128042-20	+127877-20	+125174-20	+971991-21
+165873-21	+194828-27	+000000+00	+000000+00
+201854-20	+201577-20	+197880-20	+160666-20
+328932-21	+399134-27	+000000+00	+000000+00
+226828-20	+226513-20	+222480-20	+182140-20
+384101-21	+468269-27	+000000+00	+000000+00

PROMETHIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
32	4	+100000+13

+410832-24	+413167-24	+410373-24	+269052-24
+705071-26	+140466-27	+656561-28	+324009-31
+847580-24	+847842-24	+826873-24	+543911-24
+154436-25	+421065-27	+196802-27	+971204-31
+114864-23	+114766-23	+111580-23	+744853-24
+233559-25	+139963-26	+654064-27	+322777-30
+117411-23	+117306-23	+114046-23	+763377-24
+266478-25	+416458-26	+194564-26	+960163-30
+118554-23	+118447-23	+115186-23	+774591-24
+369130-25	+134814-25	+629681-26	+310744-29
+121544-23	+121438-23	+118171-23	+803909-24
+634414-25	+372345-25	+173898-25	+858175-29
+128777-23	+128669-23	+125388-23	+874804-24
+127589-24	+946687-25	+442123-25	+218185-28

ELEMENT	FUNCTION	PHI
32	4	+100000+14

+410832-23	+413167-23	+410373-23	+269052-23
+705079-25	+140466-26	+656561-27	+324009-30
+847589-23	+847850-23	+826881-23	+543918-23
+154455-24	+421062-26	+196801-26	+971199-30
+114886-22	+114789-22	+111602-22	+745047-23
+234057-24	+139965-25	+654029-26	+322760-29
+117672-22	+117566-22	+114303-22	+765621-23
+272230-24	+416309-25	+194494-25	+959818-29
+120175-22	+120067-22	+116784-22	+788533-23
+404733-24	+134544-24	+628421-25	+310122-28
+126757-22	+126642-22	+123305-22	+848690-23
+747384-24	+369741-24	+172682-24	+852175-28
+142318-22	+142189-22	+138723-22	+990924-23
+155749-23	+925772-24	+432355-24	+213364-27

ELEMENT	FUNCTION	PHI
32	4	+300000+14

+123250-22	+123950-22	+123112-22	+807158-23
+211529-24	+421396-26	+196968-26	+972025-30
+254282-22	+254361-22	+248070-22	+163180-22
+463493-24	+126317-25	+590396-26	+291356-29
+344809-22	+344516-22	+334956-22	+223643-22
+705491-24	+419815-25	+196186-25	+968164-29
+354753-22	+354432-22	+344621-22	+231180-22
+854974-24	+124793-24	+583018-25	+287716-28
+371263-22	+370921-22	+360927-22	+245789-22
+144988-23	+401843-24	+187690-24	+926241-28
+414219-22	+413823-22	+403351-22	+283771-22
+297777-23	+109215-23	+510072-24	+251717-27
+510861-22	+510345-22	+498796-22	+369222-22
+641506-23	+264500-23	+123527-23	+609599-27

ELEMENT	FUNCTION	PHI
32	4	+100000+15

+410835-22	+413171-22	+410376-22	+269055-22
+705158-24	+140465-25	+656556-26	+324007-29
+847676-22	+847937-22	+826967-22	+543993-22
+154647-23	+421040-25	+196790-25	+971147-29
+115112-21	+115014-21	+111824-21	+746985-22
+239030-23	+139881-24	+653681-25	+322588-28
+120267-21	+120157-21	+116859-21	+787929-22
+329423-23	+414820-24	+193799-24	+956386-28
+136009-21	+135876-21	+132380-21	+924636-22
+752286-23	+131893-23	+616036-24	+304010-27
+174922-21	+174734-21	+170744-21	+126246-21
+179073-22	+346103-23	+161175-23	+795387-27
+248798-21	+248505-21	+243579-21	+190382-21
+376216-22	+749820-23	+350182-23	+172813-26

ELEMENT	FUNCTION	PHI
32	4	+300000+15

+123253-21	+123954-21	+123115-21	+807186-22
+211600-23	+421388-25	+196964-25	+972007-29
+254361-21	+254439-21	+248147-21	+163248-21
+465219-23	+126297-24	+590299-25	+291309-28
+346830-21	+346534-21	+336946-21	+225381-21
+750081-23	+419147-24	+195873-24	+966622-28
+377810-21	+377454-21	+367332-21	+251003-21
+136321-22	+123468-23	+576826-24	+284660-27
+506418-21	+505872-21	+494053-21	+361967-21
+441633-22	+378883-23	+176966-23	+873315-27
+779949-21	+778999-21	+763569-21	+597945-21
+108918-21	+895064-23	+418025-23	+206293-26
+111061-20	+110917-20	+108937-20	+883206-21
+187196-21	+151894-22	+709378-23	+350074-26

ELEMENT	FUNCTION	PHI
32	4	+100000+16

+410871-21	+413206-21	+410412-21	+269086-21
+705950-23	+140456-24	+656516-25	+323987-28
+848542-21	+848802-21	+827820-21	+544738-21
+156559-22	+420814-24	+196684-24	+970626-28
+117329-20	+117228-20	+114008-20	+766048-21
+287948-22	+139147-23	+650251-24	+320895-27
+144782-20	+144635-20	+141007-20	+998703-21
+869804-22	+400631-23	+187169-23	+923669-27
+261512-20	+261190-20	+255998-20	+200343-20
+350599-21	+109500-22	+511443-23	+252394-26
+412823-20	+412274-20	+405056-20	+330576-20
+691946-21	+193984-22	+905975-23	+447093-26
+464018-20	+463392-20	+455488-20	+374639-20
+807437-21	+222658-22	+103941-22	+512944-26

PROMETHIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
32	5	+100000+13

+313646-29	+319842-29	+375410-29	+911754-29
+473019-28	+840343-28	+392791-28	+193840-31
+269373-28	+271106-28	+286646-28	+436635-28
+150407-27	+251904-27	+117738-27	+581028-31
+256199-27	+256657-27	+260761-27	+300365-27
+581818-27	+837333-27	+391297-27	+193103-30
+157599-26	+157678-26	+158380-26	+165159-26
+213087-26	+249148-26	+116399-26	+574423-30
+748984-26	+749068-26	+749821-26	+757074-26
+807099-26	+806533-26	+376710-26	+185904-29
+229537-25	+229544-25	+229608-25	+230216-25
+234051-25	+222767-25	+104035-25	+513408-29
+603474-25	+603478-25	+603513-25	+603837-25
+604838-25	+566361-25	+264502-25	+130530-28

ELEMENT	FUNCTION	PHI
32	5	+100000+14

+313640-28	+319836-28	+375405-28	+911749-28
+473019-27	+840343-27	+392791-27	+193840-30
+269358-27	+271091-27	+286631-27	+436620-27
+150406-26	+251903-26	+117737-26	+581025-30
+256151-26	+256608-26	+260712-26	+300316-26
+581770-26	+837289-26	+391277-26	+193093-29
+157502-25	+157580-25	+158283-25	+165062-25
+212990-25	+249069-25	+116367-25	+574216-29
+747226-25	+747311-25	+748064-25	+755318-25
+806366-25	+804918-25	+375956-25	+185532-28
+227842-24	+227849-24	+227913-24	+228522-24
+232370-24	+221200-24	+103308-24	+509819-28
+589857-24	+589861-24	+589897-24	+590231-24
+591336-24	+553848-24	+258669-24	+127646-27

ELEMENT	FUNCTION	PHI
32	5	+300000+14

+940882-28	+959472-28	+112618-27	+273521-27
+141905-26	+252102-26	+117837-26	+581519-30
+807976-27	+813175-27	+859796-27	+130976-26
+451207-26	+755699-26	+353207-26	+174305-29
+768128-26	+769501-26	+781813-26	+900625-26
+174499-25	+251157-25	+117369-25	+579209-29
+471857-25	+472092-25	+474200-25	+494537-25
+638328-25	+746581-25	+348794-25	+172128-28
+223003-24	+223028-24	+223254-24	+225431-24
+240451-24	+240405-24	+112287-24	+554128-28
+672409-24	+672430-24	+672622-24	+674459-24
+686087-24	+653384-24	+305163-24	+150591-27
+168342-23	+168343-23	+168355-23	+168462-23
+168858-23	+158238-23	+739007-24	+364696-27

ELEMENT	FUNCTION	PHI
32	5	+100000+15

+313583-27	+319780-27	+375348-27	+911692-27
+473013-26	+840338-26	+392788-26	+193839-29
+269211-26	+270943-26	+286484-26	+436473-26
+150391-25	+251889-25	+117731-25	+580994-29
+255665-25	+256123-25	+260227-25	+299831-25
+581288-26	+836843-26	+391068-26	+192990-28
+156532-24	+156611-24	+157313-24	+164093-24
+212029-24	+248168-24	+115941-24	+572163-28
+729960-24	+730045-24	+730799-24	+738066-24
+788236-24	+789053-24	+368547-24	+181876-27
+211799-23	+211807-23	+211872-23	+212493-23
+216463-23	+206469-23	+964236-24	+475846-27
+475297-23	+475302-23	+475347-23	+475769-23
+477741-23	+448682-23	+209498-23	+103386-26

ELEMENT	FUNCTION	PHI
32	5	+300000+15

+940372-27	+958961-27	+112567-26	+273470-26
+141900-25	+252098-25	+117835-25	+581508-29
+806647-26	+811846-26	+858466-26	+130843-25
+451076-25	+755577-25	+353150-25	+174277-28
+763773-25	+765146-25	+777468-25	+896273-25
+174067-24	+250757-24	+117182-24	+578287-28
+463224-24	+463459-24	+465568-24	+485912-24
+629768-24	+738649-24	+345089-24	+170300-27
+208051-23	+208076-23	+208304-23	+210492-23
+225626-23	+226666-23	+105871-23	+522466-27
+544085-23	+544108-23	+544310-23	+546244-23
+558845-23	+536470-23	+250086-23	+123416-26
+950266-23	+950285-23	+950456-23	+952081-23
+961604-23	+908701-23	+424389-23	+209434-26

ELEMENT	FUNCTION	PHI
32	5	+100000+16

+313016-26	+319213-26	+374781-26	+911126-26
+472957-25	+840285-25	+392764-25	+193827-28
+267739-25	+269472-25	+285012-25	+435002-25
+150245-24	+251764-24	+117668-24	+580682-28
+250883-24	+251341-24	+255445-24	+295053-24
+576546-24	+832448-24	+389016-24	+191977-27
+147290-23	+147368-23	+148072-23	+154858-23
+202864-23	+239675-23	+111976-23	+552590-27
+584145-23	+584230-23	+584996-23	+592374-23
+643648-23	+655066-23	+305973-23	+150996-26
+113406-22	+113414-22	+113487-22	+114183-22
+118899-22	+116047-22	+542005-23	+267476-26
+132009-22	+132017-22	+132088-22	+132771-22
+137346-22	+133141-22	+621835-23	+306872-26

PROMETHIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI	
32	6	+100000+13	
+144722-11	+145066-11	+137318-11	+731351-12
+134298-14	+000000+00	+000000+00	+000000+00
+254175-11	+253756-11	+239371-11	+127488-11
+234107-14	+000000+00	+000000+00	+000000+00
+289733-11	+289066-11	+272526-11	+145146-11
+266532-14	+000000+00	+000000+00	+000000+00
+290000-11	+289331-11	+272775-11	+145278-11
+266775-14	+000000+00	+000000+00	+000000+00
+290000-11	+289331-11	+272775-11	+145278-11
+266775-14	+000000+00	+000000+00	+000000+00
+290000-11	+289331-11	+272775-11	+145278-11
+266775-14	+000000+00	+000000+00	+000000+00
+290000-11	+289331-11	+272775-11	+145278-11
+266775-14	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
32	6	+100000+14	
+144722-10	+145066-10	+137318-10	+731351-11
+134298-13	+000000+00	+000000+00	+000000+00
+254175-10	+253756-10	+239371-10	+127488-10
+234107-13	+000000+00	+000000+00	+000000+00
+289733-10	+289066-10	+272526-10	+145146-10
+266532-13	+000000+00	+000000+00	+000000+00
+290000-10	+289331-10	+272775-10	+145278-10
+266775-13	+000000+00	+000000+00	+000000+00
+290000-10	+289331-10	+272775-10	+145278-10
+266775-13	+000000+00	+000000+00	+000000+00
+290000-10	+289331-10	+272775-10	+145278-10
+266775-13	+000000+00	+000000+00	+000000+00
+290000-10	+289331-10	+272775-10	+145278-10
+266775-13	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
32	6	+300000+14	
+434166-10	+435198-10	+411954-10	+219405-10
+402895-13	+000000+00	+000000+00	+000000+00
+762525-10	+761267-10	+718114-10	+382464-10
+702320-13	+000000+00	+000000+00	+000000+00
+869200-10	+867198-10	+817577-10	+435437-10
+799595-13	+000000+00	+000000+00	+000000+00
+870000-10	+867992-10	+818324-10	+435834-10
+800325-13	+000000+00	+000000+00	+000000+00
+870000-10	+867992-10	+818324-10	+435834-10
+800325-13	+000000+00	+000000+00	+000000+00
+870000-10	+867992-10	+818324-10	+435834-10
+800325-13	+000000+00	+000000+00	+000000+00
+870000-10	+867992-10	+818324-10	+435834-10
+800325-13	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
32	6	+100000+15	
+144722-09	+145066-09	+137318-09	+731351-10
+134298-12	+000000+00	+000000+00	+000000+00
+254175-09	+253756-09	+239371-09	+127488-09
+234107-12	+000000+00	+000000+00	+000000+00
+289733-09	+289066-09	+272526-09	+145146-09
+266532-12	+000000+00	+000000+00	+000000+00
+290000-09	+289331-09	+272775-09	+145278-09
+266775-12	+000000+00	+000000+00	+000000+00
+290000-09	+289331-09	+272775-09	+145278-09
+266775-12	+000000+00	+000000+00	+000000+00
+290000-09	+289331-09	+272775-09	+145278-09
+266775-12	+000000+00	+000000+00	+000000+00
+290000-09	+289331-09	+272775-09	+145278-09
+266775-12	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
32	6	+300000+15	
+434166-09	+435198-09	+411954-09	+219405-09
+402895-12	+000000+00	+000000+00	+000000+00
+762525-09	+761267-09	+718114-09	+382464-09
+702320-12	+000000+00	+000000+00	+000000+00
+869200-09	+867198-09	+817577-09	+435437-09
+799595-12	+000000+00	+000000+00	+000000+00
+870000-09	+867992-09	+818324-09	+435834-09
+800325-12	+000000+00	+000000+00	+000000+00
+870000-09	+867992-09	+818324-09	+435834-09
+800325-12	+000000+00	+000000+00	+000000+00
+870000-09	+867992-09	+818324-09	+435834-09
+800325-12	+000000+00	+000000+00	+000000+00
+870000-09	+867992-09	+818324-09	+435834-09
+800325-12	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI	
32	6	+100000+16	
+144722-08	+145066-08	+137318-08	+731351-09
+134298-11	+000000+00	+000000+00	+000000+00
+254175-08	+253756-08	+239371-08	+127488-08
+234107-11	+000000+00	+000000+00	+000000+00
+289733-08	+289066-08	+272526-08	+145146-08
+266532-11	+000000+00	+000000+00	+000000+00
+290000-08	+289331-08	+272775-08	+145278-08
+266775-11	+000000+00	+000000+00	+000000+00
+290000-08	+289331-08	+272775-08	+145278-08
+266775-11	+000000+00	+000000+00	+000000+00
+290000-08	+289331-08	+272775-08	+145278-08
+266775-11	+000000+00	+000000+00	+000000+00
+290000-08	+289331-08	+272775-08	+145278-08
+266775-11	+000000+00	+000000+00	+000000+00

PROMETHIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
32	7	+100000+13

+350293-11	+352461-11	+352581-11	+237403-11
+680358-13	+431059-26	+000000+00	+000000+00
+739081-11	+739493-11	+724201-11	+487424-11
+148475-12	+102744-23	+000000+00	+000000+00
+102148-10	+102076-10	+995560-11	+677986-11
+219014-12	+266041-22	+000000+00	+000000+00
+104409-10	+104330-10	+101738-10	+693790-11
+225568-12	+307721-21	+000000+00	+000000+00
+104469-10	+104390-10	+101797-10	+694303-11
+226859-12	+191836-20	+000000+00	+000000+00
+104625-10	+104545-10	+101950-10	+695640-11
+230294-12	+622265-20	+000000+00	+000000+00
+105001-10	+104921-10	+102321-10	+698873-11
+238602-12	+166317-19	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
32	7	+100000+14

+350293-10	+352461-10	+352581-10	+237403-10
+680361-12	+424930-23	+000000+00	+000000+00
+739085-10	+739497-10	+724204-10	+487427-10
+148482-11	+102611-21	+000000+00	+000000+00
+102156-09	+102085-09	+995645-10	+678060-10
+219205-11	+265984-20	+000000+00	+000000+00
+104509-09	+104430-09	+101836-09	+694650-10
+227777-11	+307559-19	+000000+00	+000000+00
+105092-09	+105011-09	+102410-09	+699653-10
+240606-11	+191415-18	+000000+00	+000000+00
+106632-09	+106549-09	+103927-09	+712898-10
+274632-11	+617769-18	+000000+00	+000000+00
+110274-09	+110186-09	+107515-09	+744213-10
+355088-11	+162585-17	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
32	7	+300000+14

+105088-09	+105738-09	+105774-09	+712211-10
+204110-11	+381122-22	+000000+00	+000000+00
+221728-09	+221851-09	+217263-09	+146230-09
+445495-11	+923097-21	+000000+00	+000000+00
+306527-09	+306313-09	+298750-09	+203468-09
+658889-11	+239300-19	+000000+00	+000000+00
+314193-09	+313954-09	+306165-09	+208967-09
+698034-11	+276481-18	+000000+00	+000000+00
+319394-09	+319146-09	+311287-09	+213438-09
+812809-11	+171437-17	+000000+00	+000000+00
+332967-09	+332699-09	+324657-09	+225109-09
+111266-10	+647143-17	+000000+00	+000000+00
+363505-09	+363191-09	+354737-09	+251367-09
+178727-10	+139241-16	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
32	7	+100000+15

+350295-09	+352463-09	+352582-09	+237405-09
+680391-11	+423865-21	+000000+00	+000000+00
+739118-09	+739530-09	+724237-09	+487455-09
+148556-10	+102544-19	+000000+00	+000000+00
+102243-08	+102171-08	+996496-09	+678803-09
+221113-10	+265583-18	+000000+00	+000000+00
+105504-08	+105422-08	+102816-08	+703199-09
+249741-10	+305969-17	+000000+00	+000000+00
+111166-08	+111076-08	+108393-08	+751885-09
+374798-10	+187281-16	+000000+00	+000000+00
+125180-08	+125069-08	+122197-08	+872381-09
+684372-10	+675166-16	+000000+00	+000000+00
+151784-08	+151633-08	+148403-08	+110114-08
+127209-09	+131166-16	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
32	7	+300000+15

+105089-08	+105740-08	+105776-08	+712221-09
+204138-10	+381142-20	+000000+00	+000000+00
+221758-08	+221881-08	+217293-08	+146256-08
+446158-10	+921991-19	+000000+00	+000000+00
+307301-08	+307086-08	+299513-08	+204133-08
+675993-10	+238234-17	+000000+00	+000000+00
+323029-08	+322776-08	+314868-08	+216564-08
+893216-10	+272206-16	+000000+00	+000000+00
+371248-08	+370922-08	+362364-08	+258025-08
+195832-09	+160672-15	+000000+00	+000000+00
+473848-08	+473367-08	+463426-08	+346245-08
+422485-09	+446660-15	+000000+00	+000000+00
+597875-08	+597207-08	+585595-08	+452889-08
+696474-09	+787958-15	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
32	7	+100000+16

+350309-08	+352476-08	+352596-08	+237416-08
+680695-10	+422620-19	+000000+00	+000000+00
+739450-08	+739861-08	+724564-08	+487741-08
+149289-09	+102100-17	+000000+00	+000000+00
+103092-07	+103019-07	+100486-07	+686106-08
+239877-09	+261663-16	+000000+00	+000000+00
+114898-07	+114803-07	+112069-07	+783975-08
+457271-09	+290622-15	+000000+00	+000000+00
+159322-07	+159159-07	+155827-07	+116595-07
+143860-08	+152019-14	+000000+00	+000000+00
+216916-07	+216666-07	+212558-07	+166117-07
+271091-08	+311434-14	+000000+00	+000000+00
+236402-07	+236123-07	+231752-07	+182872-07
+314138-08	+365371-14	+000000+00	+000000+00

PROMETHIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
32	8	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
32	8	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
32	8	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
32	8	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
32	8	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
32	8	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

PROMETHIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
32	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
32	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
32	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
32	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
32	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
32	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

SAMARIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
33	1	+100000+13

+479192-06	+482210-06	+510752-06	+752238-06
+125634-05	+137575-05	+211676-05	+271670-05
+215829-05	+216486-05	+222464-05	+271850-05
+378543-05	+413077-05	+635194-05	+815019-05
+103762-04	+103853-04	+104681-04	+111533-04
+127179-04	+138104-04	+211924-04	+271693-04
+359620-04	+359716-04	+360579-04	+367756-04
+385647-04	+417817-04	+637419-04	+815271-04
+129320-03	+129331-03	+129424-03	+130217-03
+132757-03	+143270-03	+214349-03	+271974-03
+426838-03	+426850-03	+426964-03	+427953-03
+432442-03	+461597-03	+657949-03	+817571-03
+174441-02	+174442-02	+174458-02	+174605-02
+175525-02	+182952-02	+232910-02	+273829-02

ELEMENT	FUNCTION	PHI
33	1	+100000+14

+479202-05	+482219-05	+510760-05	+752244-05
+125634-04	+137575-04	+211677-04	+271676-04
+215833-04	+216490-04	+222467-04	+271851-04
+378541-04	+413077-04	+635205-04	+815145-04
+103759-03	+103851-03	+104679-03	+111530-03
+127177-03	+138106-03	+211945-03	+271923-03
+359618-03	+359714-03	+360578-03	+367759-03
+385683-03	+417880-03	+637640-03	+817545-03
+129408-02	+129418-02	+129512-02	+130309-02
+132871-02	+143393-02	+214543-02	+273952-02
+427532-02	+427544-02	+427659-02	+428658-02
+433211-02	+462294-02	+658295-02	+825912-02
+174054-01	+174056-01	+174072-01	+174219-01
+175145-01	+182444-01	+231593-01	+274221-01

ELEMENT	FUNCTION	PHI
33	1	+300000+14

+143766-04	+144672-04	+153234-04	+225677-04
+376901-04	+412724-04	+635036-04	+815068-04
+647519-04	+649489-04	+667419-04	+815560-04
+113561-03	+123922-03	+190669-03	+244625-03
+311249-03	+311524-03	+314008-03	+334557-03
+381506-03	+414306-03	+635945-03	+817137-03
+107857-02	+107885-02	+108145-02	+110302-02
+115701-02	+125373-02	+191364-02	+246324-02
+388265-02	+388297-02	+388581-02	+390993-02
+398823-02	+430365-02	+643427-02	+825844-02
+128335-01	+128339-01	+128374-01	+128680-01
+130082-01	+138701-01	+196691-01	+247048-01
+519132-01	+519138-01	+519187-01	+519638-01
+522427-01	+543339-01	+683854-01	+806484-01

ELEMENT	FUNCTION	PHI
33	1	+100000+15

+479287-04	+482304-04	+510842-04	+752296-04
+125633-03	+137575-03	+211682-03	+271735-03
+215852-03	+216509-03	+222484-03	+271850-03
+378507-03	+413067-03	+635291-03	+816270-03
+103683-02	+103775-02	+104602-02	+111447-02
+127104-02	+138065-02	+212029-02	+273508-02
+358712-02	+358808-02	+359675-02	+366892-02
+385135-02	+417457-02	+637409-02	+825382-02
+129185-01	+129196-01	+129293-01	+130123-01
+132890-01	+143322-01	+213364-01	+274226-01
+429358-01	+429372-01	+429496-01	+430590-01
+435643-01	+463096-01	+646445-01	+806540-01
+173666+00	+173668+00	+173685+00	+173845+00
+174784+00	+180761+00	+220604+00	+255450+00

ELEMENT	FUNCTION	PHI
33	1	+300000+15

+143834-03	+144738-03	+153297-03	+225714-03
+376884-03	+412712-03	+635070-03	+815556-03
+647455-03	+649423-03	+667332-03	+815305-03
+113506-02	+123879-02	+190601-02	+245424-02
+310065-02	+310339-02	+312816-02	+333316-02
+380347-02	+413289-02	+635436-02	+824012-02
+106708-01	+106737-01	+107000-01	+109189-01
+114868-01	+124591-01	+190153-01	+246952-01
+386520-01	+386555-01	+386870-01	+389575-01
+399158-01	+429685-01	+630986-01	+806661-01
+132606+00	+132610+00	+132654+00	+133037+00
+134823+00	+142096+00	+189658+00	+231250+00
+556760+00	+556766+00	+556824+00	+557353+00
+560156+00	+572531+00	+653247+00	+723875+00

ELEMENT	FUNCTION	PHI
33	1	+100000+16

+479730-03	+482743-03	+511245-03	+752408-03
+125584-02	+137530-02	+211679-02	+272138-02
+215295-02	+215949-02	+221901-02	+271082-02
+377420-02	+412044-02	+634708-02	+820479-02
+101953-01	+102044-01	+102864-01	+109659-01
+125408-01	+136446-01	+210302-01	+273871-01
+346394-01	+346494-01	+347398-01	+355009-01
+376297-01	+408897-01	+621746-01	+807042-01
+131531+00	+131545+00	+131674+00	+132805+00
+137253+00	+146623+00	+204808+00	+255655+00
+504598+00	+504619+00	+504803+00	+506453+00
+513972+00	+530847+00	+633928+00	+724094+00
+208177+01	+208180+01	+208200+01	+208383+01
+209241+01	+211182+01	+223009+01	+233355+01

SAMARIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI	
33	2	+100000+13	
+145109-22	+125599-22	+906390-23	+550278-23
+132927-24	+186300-26	+181389-26	+146647-26
+235359-22	+215436-22	+176873-22	+113435-22
+281361-24	+555510-26	+543786-26	+439332-26
+300423-22	+280233-22	+239321-22	+156626-22
+401796-24	+184467-25	+180674-25	+146888-25
+304823-22	+284616-22	+243558-22	+159668-22
+444795-24	+546788-26	+535249-26	+432435-25
+306521-22	+286312-22	+245236-22	+161200-22
+565923-24	+174731-24	+171043-24	+138188-24
+310848-22	+290634-22	+249507-22	+165054-22
+860287-24	+466142-26	+456304-26	+368654-26
+321800-22	+301566-22	+260262-22	+174361-22
+147438-23	+107084-23	+104824-23	+846886-24

ELEMENT	FUNCTION	PHI	
33	2	+100000+14	
+145120-21	+125610-21	+906499-22	+550354-22
+132944-23	+185110-25	+181203-25	+146396-25
+235439-21	+215516-21	+176950-21	+113488-21
+281455-23	+551582-26	+539941-25	+436226-25
+300898-21	+280706-21	+239776-21	+156939-21
+401870-23	+177222-24	+173482-24	+140159-24
+306496-21	+286283-21	+245161-21	+160755-21
+440443-23	+474487-24	+464474-24	+375255-24
+312013-21	+291779-21	+250481-21	+164625-21
+510904-23	+109668-23	+107354-23	+867328-24
+326139-21	+305849-21	+264057-21	+174145-21
+676568-23	+162642-23	+149323-23	+120640-23
+371010-21	+350537-21	+307127-21	+203938-21
+655124-23	+166796-23	+153487-23	+124004-23

ELEMENT	FUNCTION	PHI	
33	2	+300000+14	
+435437-21	+376905-21	+272023-21	+165156-21
+398946-23	+554072-26	+542379-26	+438195-25
+706854-21	+647081-21	+531365-21	+340819-21
+845003-23	+162929-24	+159490-24	+128854-24
+905860-21	+845272-21	+722365-21	+472904-21
+120656-22	+488038-24	+477738-24	+385971-24
+930703-21	+870016-21	+746234-21	+489588-21
+130518-22	+107102-23	+104842-23	+847034-24
+974424-21	+913560-21	+788219-21	+518774-21
+142771-22	+157904-23	+154572-23	+124880-23
+109068-20	+102934-20	+899807-21	+595942-21
+162474-22	+162338-23	+158912-23	+128387-23
+142412-20	+136142-20	+121985-20	+817231-21
+217735-22	+162341-23	+158915-23	+128390-23

ELEMENT	FUNCTION	PHI	
33	2	+100000+15	
+145234-20	+125723-20	+907591-21	+551108-21
+133115-22	+183263-24	+179396-24	+144936-24
+236243-20	+216316-20	+177722-20	+114020-20
+282435-22	+515833-24	+504947-24	+407953-24
+305639-20	+285427-20	+244324-20	+160068-20
+404571-22	+124912-23	+122276-23	+987883-24
+323299-20	+303016-20	+261277-20	+171805-20
+438874-22	+176010-23	+172296-23	+139200-23
+368281-20	+347814-20	+304453-20	+201660-20
+513925-22	+181105-23	+177283-23	+143229-23
+473675-20	+452676-20	+405516-20	+271537-20
+688423-22	+181106-23	+177284-23	+143230-23
+669216-20	+647518-20	+593299-20	+401375-20
+101265-21	+181106-23	+177284-23	+143230-23

ELEMENT	FUNCTION	PHI	
33	2	+300000+15	
+436460-20	+377924-20	+273005-20	+165835-20
+400488-22	+538606-24	+527141-24	+426885-24
+714067-20	+654265-20	+538288-20	+345597-20
+854350-22	+136476-23	+133596-23	+107933-23
+948151-20	+887389-20	+762947-20	+500882-20
+125081-21	+225891-23	+221124-23	+178649-23
+107696-19	+101567-19	+886582-20	+586369-20
+146513-21	+234632-23	+229682-23	+185482-23
+141373-19	+135107-19	+120983-19	+809870-20
+202326-21	+234638-23	+229688-23	+185488-23
+195349-19	+188862-19	+172790-19	+116808-19
+291778-21	+234638-23	+229688-23	+185488-23
+230744-19	+224112-19	+206764-19	+140298-19
+350437-21	+234638-23	+229688-23	+185488-23

ELEMENT	FUNCTION	PHI	
33	2	+100000+16	
+146367-19	+126851-19	+918462-20	+558620-20
+134854-21	+169297-23	+166726-23	+133891-23
+244169-19	+224210-19	+185329-19	+119275-19
+293927-21	+348993-23	+341628-23	+276006-23
+350657-19	+330261-19	+287531-19	+189916-19
+471016-21	+420903-23	+412020-23	+332877-23
+463148-19	+442292-19	+395503-19	+264571-19
+657450-21	+421486-23	+412691-23	+333338-23
+665478-19	+643794-19	+589705-19	+398847-19
+992764-21	+421486-23	+412691-23	+333338-23
+768971-19	+746864-19	+689041-19	+467531-19
+116428-20	+421486-23	+412691-23	+333338-23
+774394-19	+752264-19	+694246-19	+471129-19
+117327-20	+421486-23	+412691-23	+333338-23

SAMARIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
33	3	+100000+13

+170664-25	+131264-25	+677879-26	+463573-26
+115969-27	+208686-30	+204282-30	+165042-30
+247793-25	+208077-25	+141819-25	+975454-26
+244205-27	+626618-30	+612416-30	+494779-30
+305105-25	+265155-25	+196828-25	+135585-25
+340617-27	+207748-29	+203364-29	+164300-29
+308711-25	+268746-25	+200291-25	+137992-25
+360614-27	+616796-29	+602801-29	+487011-29
+309283-25	+269316-25	+200846-25	+138417-25
+364887-27	+196703-28	+192630-28	+155628-28
+310854-25	+270882-25	+202367-25	+139571-25
+399836-27	+624972-28	+613892-28	+416181-28
+315856-25	+275866-25	+207195-25	+143120-25
+476239-27	+120598-27	+118063-27	+963769-28

ELEMENT	FUNCTION	PHI
33	3	+100000+14

+170674-24	+131274-24	+677976-25	+463640-25
+115986-26	+208472-29	+204072-29	+164873-29
+247864-24	+208148-24	+141887-24	+975927-25
+244319-26	+621196-29	+608086-29	+491281-29
+305530-24	+265578-24	+197236-24	+135867-24
+341241-26	+199589-28	+196377-28	+157848-28
+310244-24	+270273-24	+201763-24	+139007-24
+362363-26	+634370-28	+623093-28	+422614-28
+316636-24	+274647-24	+205981-24	+141945-24
+366637-26	+123609-27	+120903-27	+976790-28
+326781-24	+286743-24	+217640-24	+150021-24
+391423-26	+171794-27	+168168-27	+136865-27
+366377-24	+326177-24	+255646-24	+176301-24
+467617-26	+176686-27	+172858-27	+139654-27

ELEMENT	FUNCTION	PHI
33	3	+300000+14

+512091-24	+393890-24	+203467-24	+139136-24
+348066-26	+623999-29	+610830-29	+493498-29
+744069-24	+624919-24	+426118-24	+293094-24
+733716-26	+183491-28	+179619-28	+146117-28
+919419-24	+799562-24	+594426-24	+409477-24
+102793-26	+649631-28	+638031-28	+434683-28
+940910-24	+820955-24	+615065-24	+423762-24
+107001-26	+120619-27	+118074-27	+963935-28
+979131-24	+859020-24	+651743-24	+449147-24
+113900-26	+177832-27	+174079-27	+140641-27
+108177-23	+961241-24	+750261-24	+517266-24
+130969-26	+182826-27	+178967-27	+144590-27
+137626-23	+125453-23	+103292-23	+712704-24
+179764-26	+182829-27	+178971-27	+144593-27

ELEMENT	FUNCTION	PHI
33	3	+100000+15

+170775-23	+131374-23	+678942-24	+464307-24
+116160-26	+206392-28	+202037-28	+163228-28
+248577-23	+208858-23	+142571-23	+980655-24
+245460-26	+580934-28	+568674-28	+469439-28
+309767-23	+269708-23	+201294-23	+138670-23
+347666-26	+140677-27	+137708-27	+111256-27
+325315-23	+285282-23	+216227-23	+148997-23
+374016-26	+198224-27	+194041-27	+156768-27
+365039-23	+324843-23	+254355-23	+175360-23
+439906-26	+203962-27	+199657-27	+161306-27
+458032-23	+417456-23	+343612-23	+237075-23
+594020-26	+203963-27	+199658-27	+161307-27
+630819-23	+589536-23	+509459-23	+351746-23
+880376-26	+203963-27	+199658-27	+161307-27

ELEMENT	FUNCTION	PHI
33	3	+300000+15

+512995-23	+394791-23	+204326-23	+139737-23
+349649-26	+606469-28	+593670-28	+479634-28
+750460-23	+631284-23	+432251-23	+297334-23
+744013-26	+163699-27	+160466-27	+121555-27
+956973-23	+836952-23	+630469-23	+434390-23
+108726-24	+264400-27	+249031-27	+201195-27
+107073-22	+950241-23	+739654-23	+509883-23
+127587-24	+264131-27	+258557-27	+208891-27
+136816-22	+124646-22	+102514-22	+707275-23
+176880-24	+264138-27	+258564-27	+208897-27
+184487-22	+172121-22	+148269-22	+102364-22
+256883-24	+264138-27	+258564-27	+208897-27
+215747-22	+203254-22	+178274-22	+123110-22
+307689-24	+264138-27	+258564-27	+208897-27

ELEMENT	FUNCTION	PHI
33	3	+100000+16

+171776-22	+132372-22	+688553-23	+470952-23
+117794-24	+190664-27	+186640-27	+160789-27
+255591-22	+215843-22	+149303-22	+102719-22
+256898-24	+393038-27	+384743-27	+310839-27
+349580-22	+309448-22	+239517-22	+165096-22
+412744-24	+474023-27	+464019-27	+374888-27
+448931-22	+408392-22	+334876-22	+231030-22
+677396-24	+474680-27	+464662-27	+375407-27
+627625-22	+586355-22	+506392-22	+349620-22
+873639-24	+474680-27	+464662-27	+375407-27
+719028-22	+677384-22	+594124-22	+410280-22
+102602-23	+474680-27	+464662-27	+375407-27
+723817-22	+682154-22	+598720-22	+413459-22
+103296-23	+474680-27	+464662-27	+375407-27

SAMARIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
33	4	+100000+13

+477132-25	+369666-25	+193145-25	+118989-25
+286388-27	+483273-30	+473074-30	+382203-30
+672773-25	+564429-25	+380230-25	+246160-25
+603040-27	+144880-29	+141822-29	+114580-29
+814429-25	+706505-25	+516183-25	+340125-25
+840934-27	+481101-29	+470948-29	+380485-29
+823329-25	+714368-25	+524728-25	+346063-25
+864996-27	+142606-28	+139696-28	+112781-28
+824721-25	+715756-25	+526077-25	+347092-25
+898160-27	+455707-28	+446090-28	+360402-28
+828551-25	+719574-25	+529784-25	+349890-25
+979409-27	+121672-27	+119007-27	+961471-28
+840799-25	+731778-25	+541603-25	+358550-25
+115613-26	+279281-27	+273387-27	+220873-27

ELEMENT	FUNCTION	PHI
33	4	+100000+14

+477157-24	+369691-24	+193168-24	+119006-24
+286429-26	+482776-29	+472688-29	+381810-29
+672949-24	+564605-24	+380399-24	+246277-24
+603322-26	+143866-28	+140820-28	+113770-28
+815479-24	+706551-24	+517190-24	+340821-24
+842488-26	+462206-28	+452451-28	+365542-28
+827118-24	+718142-24	+528364-24	+348571-24
+869417-26	+123749-27	+121137-27	+978685-28
+837953-24	+728933-24	+538771-24	+355817-24
+903366-26	+286022-27	+279986-27	+226204-27
+867942-24	+758800-24	+567559-24	+375756-24
+964086-26	+397838-27	+389442-27	+314635-27
+965736-24	+856194-24	+661425-24	+440661-24
+112726-25	+408933-27	+400303-27	+323410-27

ELEMENT	FUNCTION	PHI
33	4	+300000+14

+143164-23	+110924-23	+579664-24	+357127-24
+859558-26	+144606-28	+141455-28	+114284-28
+202002-23	+169498-23	+114232-23	+739611-24
+181186-25	+424927-28	+415960-28	+336060-28
+245343-23	+212661-23	+155828-23	+102710-23
+253793-25	+127283-27	+124597-27	+100663-27
+250650-23	+217946-23	+160922-23	+106237-23
+264086-25	+279329-27	+273434-27	+220911-27
+260089-23	+227347-23	+169982-23	+112505-23
+281035-25	+411822-27	+403131-27	+325695-27
+285439-23	+252593-23	+194314-23	+129329-23
+323160-25	+423386-27	+414461-27	+334840-27
+358172-23	+325029-23	+264126-23	+177599-23
+443699-25	+423396-27	+414469-27	+334847-27

ELEMENT	FUNCTION	PHI
33	4	+100000+15

+477405-23	+369939-23	+193407-23	+119171-23
+286836-25	+477961-28	+467874-28	+378002-28
+674709-23	+566358-23	+382088-23	+247445-23
+606147-25	+134632-27	+131693-27	+106397-27
+825921-23	+716949-23	+527212-23	+347746-23
+858448-25	+326778-27	+318902-27	+257646-27
+864344-23	+755216-23	+564092-23	+373250-23
+923439-25	+459045-27	+449357-27	+363042-27
+962454-23	+852924-23	+658261-23	+438361-23
+108616-24	+472332-27	+462364-27	+373550-27
+119213-22	+108166-22	+878709-23	+590783-23
+146680-24	+472336-27	+462367-27	+373563-27
+161888-22	+150666-22	+128832-22	+873997-23
+217404-24	+472336-27	+462367-27	+373563-27

ELEMENT	FUNCTION	PHI
33	4	+300000+15

+143387-22	+111146-22	+581809-23	+358610-23
+863221-25	+140446-27	+137481-27	+111073-27
+203581-22	+171070-22	+115747-22	+750084-23
+183733-24	+366936-27	+348423-27	+281496-27
+254618-22	+221899-22	+164730-22	+108863-22
+268491-24	+689136-27	+676703-27	+465926-27
+282713-22	+249879-22	+191697-22	+127509-22
+315074-24	+611672-27	+598763-27	+483749-27
+356173-22	+323038-22	+262206-22	+176260-22
+436817-24	+611689-27	+598779-27	+483762-27
+473910-22	+440293-22	+375213-22	+254326-22
+631938-24	+611689-27	+598779-27	+483762-27
+551117-22	+517184-22	+449318-22	+305634-22
+769890-24	+611689-27	+598779-27	+483762-27

ELEMENT	FUNCTION	PHI
33	4	+100000+16

+479878-22	+372402-22	+195781-22	+120812-22
+290899-24	+441637-27	+432219-27	+349196-27
+692031-22	+583609-22	+398714-22	+258939-22
+634426-24	+910193-27	+890984-27	+719838-27
+924277-22	+814903-22	+621616-22	+413013-22
+101932-23	+109774-26	+107467-26	+868161-27
+116965-21	+105928-21	+857135-22	+575857-22
+142598-23	+109926-26	+107606-26	+869364-27
+161099-21	+149881-21	+128074-21	+868751-22
+216739-23	+109926-26	+107606-26	+869364-27
+183674-21	+172363-21	+149742-21	+101857-21
+253162-23	+109926-26	+107606-26	+869364-27
+184857-21	+173541-21	+150878-21	+102642-21
+256112-23	+109926-26	+107606-26	+869364-27

SAMARIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
33	6	+100000+13

+588699-26	+600764-26	+711632-26	+168729-25
+402586-25	+411901-25	+411169-25	+404641-25
+469768-25	+472499-25	+497050-25	+706583-25
+121338-24	+123373-24	+123163-24	+121196-24
+294850-24	+295250-24	+298832-24	+329221-24
+403496-24	+406465-24	+405735-24	+399237-24
+105288-23	+105329-23	+105697-23	+108818-23
+116465-23	+116746-23	+116630-23	+114604-23
+322519-23	+322560-23	+322928-23	+326049-23
+333681-23	+333924-23	+333233-23	+327078-23
+671304-23	+671346-23	+671713-23	+674834-23
+682463-23	+682680-23	+680737-23	+664317-23
+953842-23	+953883-23	+954251-23	+957368-23
+964964-23	+964849-23	+960615-23	+922893-23

ELEMENT	FUNCTION	PHI
33	6	+100000+14

+581501-26	+593566-26	+704433-26	+168009-24
+401866-24	+411182-24	+410460-24	+403929-24
+450511-24	+453242-24	+477793-24	+687326-24
+119413-23	+121447-23	+121229-23	+119286-23
+251363-23	+251764-23	+255345-23	+285735-23
+360009-23	+362981-23	+362281-23	+356038-23
+642319-23	+642731-23	+646410-23	+677627-23
+753992-23	+756934-23	+755068-23	+738344-23
+953368-23	+953780-23	+957459-23	+988675-23
+106502-22	+106771-22	+106337-22	+102474-22
+105246-22	+105287-22	+105655-22	+108777-22
+116409-22	+116661-22	+116068-22	+110685-22
+110506-22	+110548-22	+110915-22	+114037-22
+121669-22	+121920-22	+121300-22	+115776-22

ELEMENT	FUNCTION	PHI
33	6	+300000+14

+169805-24	+173424-24	+206685-24	+499382-24
+120096-23	+122890-23	+122671-23	+120719-23
+123588-23	+124407-23	+131773-23	+194632-23
+346672-23	+362777-23	+362132-23	+346393-23
+552433-23	+553634-23	+564378-23	+655548-23
+878373-23	+887306-23	+886377-23	+868185-23
+929141-23	+930376-23	+941415-23	+103507-22
+126418-22	+127314-22	+126891-22	+123118-22
+105239-22	+105363-22	+106467-22	+115832-22
+138741-22	+139618-22	+138993-22	+133431-22
+109926-22	+110050-22	+111154-22	+120519-22
+143428-22	+144303-22	+143661-22	+137943-22
+121028-22	+121151-22	+122255-22	+131620-22
+164530-22	+165404-22	+164762-22	+149044-22

ELEMENT	FUNCTION	PHI
33	6	+100000+15

+516897-24	+528962-24	+639830-24	+161549-23
+395406-23	+404722-23	+403998-23	+397542-23
+312094-23	+314825-23	+339377-23	+548910-23
+105571-22	+107607-22	+107403-22	+105686-22
+878432-23	+882438-23	+918251-23	+122215-22
+196492-22	+199486-22	+198991-22	+194591-22
+105082-22	+105494-22	+109174-22	+140392-22
+216769-22	+219830-22	+219134-22	+212934-22
+110515-22	+110927-22	+114607-22	+145826-22
+222204-22	+226263-22	+224547-22	+218167-22
+121018-22	+121429-22	+125109-22	+156328-22
+232706-22	+236766-22	+235050-22	+228670-22
+140620-22	+141032-22	+144712-22	+175931-22
+262309-22	+265368-22	+254652-22	+248272-22

ELEMENT	FUNCTION	PHI
33	6	+300000+15

+123141-23	+126761-23	+160021-23	+452718-23
+115429-22	+118224-22	+118011-22	+116114-22
+531586-23	+539781-23	+613434-23	+124204-22
+276245-22	+282369-22	+281820-22	+277012-22
+101407-22	+102608-22	+113362-22	+204523-22
+427359-22	+436397-22	+436604-22	+427547-22
+109793-22	+111028-22	+122067-22	+215724-22
+444866-22	+454167-22	+453240-22	+444978-22
+120942-22	+122177-22	+133216-22	+226875-22
+456022-22	+465324-22	+464396-22	+456134-22
+138876-22	+140111-22	+151150-22	+245809-22
+473956-22	+483258-22	+482330-22	+474068-22
+151069-22	+152304-22	+163343-22	+257002-22
+486149-22	+495460-22	+494623-22	+486261-22

ELEMENT	FUNCTION	PHI
33	6	+100000+16

+232817-23	+244882-23	+355749-23	+133141-22
+366998-22	+376320-22	+375651-22	+369687-22
+692128-23	+719444-23	+964956-23	+306030-22
+812837-22	+833262-22	+831882-22	+819589-22
+107562-22	+111568-22	+147381-22	+451284-22
+119408-21	+122434-21	+122268-21	+120785-21
+120653-22	+124770-22	+161568-22	+473757-22
+123758-21	+126873-21	+126706-21	+125221-21
+140500-22	+144617-22	+181416-22	+493612-22
+125745-21	+128860-21	+128693-21	+127209-21
+151066-22	+155184-22	+191982-22	+504178-22
+126802-21	+129917-21	+129750-21	+128265-21
+153007-22	+157125-22	+193923-22	+506119-22
+126996-21	+130111-21	+129944-21	+128459-21

SAMARIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI	
33	6	+100000+13	
+658100-12	+517360-12	+289165-12	+198131-12
+601530-14	+686610-16	+671141-16	+542224-16
+987773-12	+845684-12	+605600-12	+416971-12
+106144-13	+206633-16	+201201-16	+162553-16
+123308-11	+108999-11	+841074-12	+579933-12
+161601-13	+682629-16	+668126-16	+539787-16
+124966-11	+110651-11	+857039-12	+591386-12
+167460-13	+202312-14	+198042-14	+160001-14
+125598-11	+111282-11	+863283-12	+597077-12
+212284-13	+646603-14	+632869-14	+511296-14
+127209-11	+112891-11	+879186-12	+611407-12
+321216-13	+172472-13	+168833-13	+136402-13
+131298-11	+116272-11	+919327-12	+646082-12
+648490-13	+396210-13	+387848-13	+313348-13

ELEMENT	FUNCTION	PHI	
33	6	+100000+14	
+658143-11	+517403-11	+289206-11	+198160-11
+501594-13	+684906-16	+670462-16	+541667-16
+988076-11	+845986-11	+605892-11	+417172-11
+106180-12	+204086-14	+199778-14	+161404-14
+123487-10	+109178-10	+842794-11	+581114-11
+161534-12	+656723-14	+641884-14	+518587-14
+125598-10	+111280-10	+863095-11	+595490-11
+165871-12	+176660-13	+171865-13	+138844-13
+127675-10	+113350-10	+883126-11	+610053-11
+192002-12	+405773-13	+397210-13	+320911-13
+133003-10	+118657-10	+934331-11	+645948-11
+216466-12	+564406-13	+562494-13	+446367-13
+149937-10	+135521-10	+109687-10	+758383-11
+246081-12	+580146-13	+567902-13	+458816-13

ELEMENT	FUNCTION	PHI	
33	6	+300000+14	
+197472-10	+155249-10	+867893-11	+594669-11
+150521-12	+205007-14	+200680-14	+162132-14
+296625-10	+253997-10	+181962-10	+125286-10
+318783-12	+602836-14	+590114-14	+476761-14
+371657-10	+328723-10	+253985-10	+175122-10
+454992-12	+180574-13	+176763-13	+142809-13
+381029-10	+338057-10	+262988-10	+181414-10
+491781-12	+396279-13	+387916-13	+313403-13
+397525-10	+354487-10	+278830-10	+192425-10
+537646-12	+684245-13	+671915-13	+462058-13
+441400-10	+398182-10	+320942-10	+221548-10
+611974-12	+600650-13	+587973-13	+475032-13
+567241-10	+523508-10	+441728-10	+305062-10
+820627-12	+600662-13	+587985-13	+475041-13

ELEMENT	FUNCTION	PHI	
33	6	+100000+15	
+658573-10	+517830-10	+289618-10	+198445-10
+502239-12	+678076-14	+663764-14	+536264-14
+991110-10	+849007-10	+608803-10	+419180-10
+106553-11	+190868-13	+186830-13	+150943-13
+125277-09	+110960-09	+859962-10	+592924-10
+152592-11	+462174-13	+452421-13	+366517-13
+131942-09	+117597-09	+923939-10	+637218-10
+165601-11	+651238-13	+637494-13	+515040-13
+148918-09	+134504-09	+108688-09	+749888-10
+193821-11	+670089-13	+665947-13	+529949-13
+188655-09	+174079-09	+146830-09	+101361-09
+259677-11	+670093-13	+665961-13	+529952-13
+262491-09	+247612-09	+217699-09	+150361-09
+382042-11	+670093-13	+665961-13	+529952-13

ELEMENT	FUNCTION	PHI	
33	6	+300000+15	
+197858-09	+155634-09	+871599-10	+597230-10
+151104-11	+199247-13	+196042-13	+157577-13
+299348-09	+256709-09	+184574-09	+127089-09
+322331-11	+604968-13	+494301-13	+399353-13
+387620-09	+344620-09	+269302-09	+185683-09
+471888-11	+836796-13	+818168-13	+661001-13
+436232-09	+393033-09	+315962-09	+217945-09
+552766-11	+867767-13	+849464-13	+686285-13
+563331-09	+519612-09	+437955-09	+302294-09
+763403-11	+867791-13	+849477-13	+686304-13
+767036-09	+722483-09	+633476-09	+437483-09
+110100-10	+867791-13	+849477-13	+686304-13
+900617-09	+855518-09	+761692-09	+526134-09
+132238-10	+867791-13	+849477-13	+686304-13

ELEMENT	FUNCTION	PHI	
33	6	+100000+16	
+662847-09	+522087-09	+293721-09	+201280-09
+508814-11	+626401-13	+613181-13	+495397-13
+102103-08	+878801-09	+637514-09	+439013-09
+110902-10	+129127-12	+126402-12	+102122-12
+142267-08	+127881-08	+102303-08	+705578-09
+177730-10	+156734-12	+152447-12	+123164-12
+184722-08	+170161-08	+143052-08	+987326-09
+248090-10	+155960-12	+152659-12	+123335-12
+261081-08	+246208-08	+216343-08	+149408-08
+374638-10	+155960-12	+152659-12	+123335-12
+300139-08	+285106-08	+253833-08	+175330-08
+439368-10	+155960-12	+152659-12	+123335-12
+302186-08	+287145-08	+255797-08	+176688-08
+442760-10	+155960-12	+152659-12	+123335-12

SAMARIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
33	7	+100000+13

+292629-13	+291432-13	+280874-13	+194203-13
+484965-15	+457346-31	+000000+00	+000000+00
+615739-13	+613219-13	+591004-13	+408635-13
+102044-14	+962328-31	+000000+00	+000000+00
+855780-13	+852279-13	+821403-13	+567939-13
+141826-14	+133748-30	+000000+00	+000000+00
+870715-13	+867153-13	+835738-13	+577850-13
+144301-14	+136083-30	+000000+00	+000000+00
+872545-13	+868974-13	+837494-13	+579064-13
+144604-14	+136369-30	+000000+00	+000000+00
+877749-13	+874158-13	+842489-13	+582518-13
+145467-14	+137182-30	+000000+00	+000000+00
+895843-13	+892177-13	+859856-13	+594526-13
+148466-14	+140010-30	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
33	7	+100000+14

+292671-12	+291474-12	+280914-12	+194231-12
+485035-14	+467411-30	+000000+00	+000000+00
+616038-12	+613517-12	+591291-12	+408834-12
+102094-13	+962796-30	+000000+00	+000000+00
+857565-12	+854056-12	+823115-12	+569123-12
+142121-13	+134027-29	+000000+00	+000000+00
+877175-12	+873586-12	+841938-12	+582137-12
+145371-13	+137092-29	+000000+00	+000000+00
+895278-12	+891615-12	+859314-12	+594151-12
+148372-13	+139922-29	+000000+00	+000000+00
+945956-12	+942085-12	+907956-12	+627784-12
+156770-13	+147842-29	+000000+00	+000000+00
+111182-11	+110727-11	+106716-11	+737860-12
+184258-13	+173766-29	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
33	7	+300000+14

+878295-12	+874701-12	+843013-12	+582881-12
+145557-13	+137267-29	+000000+00	+000000+00
+185011-11	+184254-11	+177579-11	+122782-11
+306612-13	+289150-29	+000000+00	+000000+00
+258457-11	+257399-11	+248074-11	+171525-11
+428332-13	+403938-29	+000000+00	+000000+00
+267433-11	+266338-11	+256690-11	+177482-11
+443207-13	+417966-29	+000000+00	+000000+00
+283421-11	+282261-11	+272036-11	+188092-11
+469705-13	+442954-29	+000000+00	+000000+00
+326419-11	+325084-11	+313307-11	+216628-11
+540964-13	+510165-29	+000000+00	+000000+00
+449792-11	+447952-11	+431724-11	+298505-11
+745427-13	+702973-29	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
33	7	+100000+15

+293093-11	+291894-11	+281319-11	+194511-11
+485733-13	+458070-29	+000000+00	+000000+00
+619025-11	+616492-11	+594158-11	+410816-11
+102589-12	+967464-29	+000000+00	+000000+00
+875299-11	+871717-11	+840137-11	+580892-11
+145060-12	+136799-28	+000000+00	+000000+00
+940452-11	+936604-11	+902674-11	+624131-11
+155858-12	+146982-28	+000000+00	+000000+00
+110687-10	+110234-10	+106240-10	+734574-11
+183438-12	+172991-28	+000000+00	+000000+00
+149645-10	+149033-10	+143634-10	+993121-11
+248002-12	+233878-28	+000000+00	+000000+00
+222033-10	+221124-10	+213114-10	+147352-10
+367968-12	+347011-28	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
33	7	+300000+15

+882086-11	+878477-11	+846652-11	+585397-11
+146185-12	+137860-28	+000000+00	+000000+00
+187689-10	+186921-10	+180150-10	+124560-10
+311052-12	+293337-28	+000000+00	+000000+00
+274202-10	+273080-10	+263187-10	+181974-10
+454426-12	+428546-28	+000000+00	+000000+00
+321858-10	+320541-10	+308929-10	+213601-10
+533405-12	+503026-28	+000000+00	+000000+00
+446464-10	+444638-10	+428530-10	+296296-10
+739911-12	+697772-28	+000000+00	+000000+00
+646175-10	+643531-10	+620217-10	+428834-10
+107088-11	+100990-27	+000000+00	+000000+00
+777137-10	+773957-10	+745919-10	+515747-10
+128792-11	+121457-27	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
33	7	+100000+16

+297289-10	+296072-10	+285346-10	+197296-10
+492687-12	+464628-28	+000000+00	+000000+00
+648415-10	+645762-10	+622368-10	+430321-10
+107460-11	+101340-27	+000000+00	+000000+00
+104217-09	+103791-09	+100031-09	+691638-10
+172716-11	+162880-27	+000000+00	+000000+00
+145839-09	+145242-09	+139981-09	+967862-10
+241695-11	+227930-27	+000000+00	+000000+00
+220701-09	+219798-09	+211835-09	+146468-09
+365761-11	+344930-27	+000000+00	+000000+00
+258994-09	+257954-09	+248590-09	+171881-09
+429222-11	+404777-27	+000000+00	+000000+00
+261000-09	+259932-09	+250515-09	+173213-09
+432547-11	+407913-27	+000000+00	+000000+00

SAMARIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
33	8	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
33	8	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
33	8	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
33	8	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
33	8	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
33	8	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

SAMARIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
33	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
33	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
33	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
33	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
33	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
33	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

EUROPIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
34	1	+100000+13

+398599-07	+403145-07	+433123-07	+649547-07
+108099-06	+103506-06	+987294-07	+148182-06
+185243-06	+186012-06	+191778-06	+235939-06
+324613-06	+310412-06	+296162-06	+444441-06
+899637-06	+900623-06	+908299-06	+967844-06
+107923-05	+103348-05	+986807-06	+147941-05
+304345-05	+304441-05	+305190-05	+310937-05
+319799-05	+309037-05	+296682-05	+441844-05
+102907-04	+102916-04	+102988-04	+103529-04
+104128-04	+101962-04	+981710-05	+145017-04
+302151-04	+302160-04	+302227-04	+302729-04
+302971-04	+299098-04	+291893-04	+417473-04
+967568-04	+967577-04	+967641-04	+968112-04
+968013-04	+962751-04	+957894-04	+124204-03

ELEMENT	FUNCTION	PHI
34	1	+100000+14

+398596-06	+403142-06	+433119-06	+649525-06
+108067-05	+103423-05	+987041-06	+148129-05
+185227-05	+185996-05	+191761-05	+235901-05
+324298-05	+309640-05	+296846-05	+443217-05
+898755-05	+899738-05	+907389-05	+966661-05
+107522-04	+102507-04	+982259-05	+145591-04
+302028-04	+302122-04	+302852-04	+308408-04
+315534-04	+302279-04	+291535-04	+418084-04
+991470-04	+991556-04	+992209-04	+996995-04
+997305-04	+969515-04	+947941-04	+123442-03
+285498-03	+285507-03	+285572-03	+286042-03
+285796-03	+282204-03	+278586-03	+311646-03
+948982-03	+948992-03	+949071-03	+949647-03
+949629-03	+944758-03	+930360-03	+906355-03

ELEMENT	FUNCTION	PHI
34	1	+300000+14

+119577-05	+120940-05	+129933-05	+194844-05
+323991-05	+309720-05	+295947-05	+444041-05
+555585-05	+557891-05	+575175-05	+707472-05
+970905-05	+923993-05	+885527-05	+132173-04
+269135-04	+269428-04	+271710-04	+289344-04
+320293-04	+302683-04	+292051-04	+422647-04
+895863-04	+896138-04	+898259-04	+914199-04
+928225-04	+877612-04	+856393-04	+113862-03
+290444-03	+290470-03	+290666-03	+292086-03
+291478-03	+282405-03	+278586-03	+313414-03
+861006-03	+861036-03	+861266-03	+862963-03
+862744-03	+852394-03	+839505-03	+826598-03
+268862-02	+268866-02	+268899-02	+269154-02
+269282-02	+267814-02	+262429-02	+239107-02

ELEMENT	FUNCTION	PHI
34	1	+100000+15

+398569-05	+403114-05	+433081-05	+649341-05
+107765-04	+102630-04	+984667-05	+147622-04
+185112-04	+185880-04	+191633-04	+235624-04
+321663-04	+302995-04	+293149-04	+432139-04
+893990-04	+894961-04	+902500-04	+960447-04
+105162-03	+972808-04	+953752-04	+128732-03
+295600-03	+295692-03	+296400-03	+301661-03
+303968-03	+282903-03	+279565-03	+320496-03
+975225-03	+975327-03	+976116-03	+981938-03
+981846-03	+951546-03	+937230-03	+920678-03
+271948-02	+271962-02	+272074-02	+272932-02
+273481-02	+270016-02	+264579-02	+241384-02
+586825-02	+586846-02	+587021-02	+588397-02
+590042-02	+586141-02	+576355-02	+529771-02

ELEMENT	FUNCTION	PHI
34	1	+300000+15

+119562-04	+120925-04	+129913-04	+194729-04
+321617-04	+303336-04	+294083-04	+439825-04
+555195-04	+557499-04	+574763-04	+706499-04
+954832-04	+880522-04	+868362-04	+124087-03
+268682-03	+268978-03	+271283-03	+288936-03
+313700-03	+283756-03	+282227-03	+339608-03
+897785-03	+898096-03	+900529-03	+918778-03
+928851-03	+861664-03	+851400-03	+865744-03
+278239-02	+278281-02	+278618-02	+281187-02
+282937-02	+273854-02	+268584-02	+247238-02
+569904-02	+569965-02	+570477-02	+574481-02
+579304-02	+569787-02	+560188-02	+515568-02
+747338-02	+747412-02	+748039-02	+752988-02
+759874-02	+750359-02	+740295-02	+693171-02

ELEMENT	FUNCTION	PHI
34	1	+100000+16

+398686-04	+403239-04	+433268-04	+649560-04
+106127-03	+977343-04	+972005-04	+144032-03
+185910-03	+186692-03	+192571-03	+237387-03
+318014-03	+285087-03	+287909-03	+384085-03
+912927-03	+914032-03	+922750-03	+989932-03
+108558-02	+975705-03	+971956-03	+104564-02
+288723-02	+288865-02	+290011-02	+298843-02
+308006-02	+285282-02	+280779-02	+266528-02
+626443-02	+626654-02	+628410-02	+642173-02
+659422-02	+630398-02	+621051-02	+581053-02
+781939-02	+782188-02	+784280-02	+800797-02
+823987-02	+794919-02	+785233-02	+743418-02
+789965-02	+790216-02	+792326-02	+808987-02
+832494-02	+803434-02	+793748-02	+751933-02

EUROPIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
34	2	+100000+13

+120546-23	+114107-23	+848256-24	+337449-24
+694309-25	+608454-26	+172337-26	+176645-31
+171301-23	+164488-23	+132034-23	+624137-24
+199371-24	+181279-25	+515638-26	+922788-31
+234399-23	+227523-23	+194522-23	+120727-23
+574985-24	+590987-25	+170304-25	+118672-29
+335098-23	+328176-23	+294758-23	+216902-23
+121981-23	+168442-24	+497807-25	+131054-28
+454203-23	+447237-23	+413432-23	+331790-23
+207255-23	+497847-24	+151873-24	+162740-27
+614753-23	+607742-23	+573526-23	+487886-23
+331989-23	+116965-23	+360954-24	+158612-26
+811311-23	+804246-23	+769548-23	+679206-23
+486435-23	+201400-23	+668389-24	+190022-25

ELEMENT	FUNCTION	PHI
34	2	+100000+14

+120692-22	+114253-22	+849708-23	+338832-23
+702831-24	+606966-26	+171306-25	+357336-30
+172590-22	+165777-22	+133316-22	+636356-23
+206892-23	+178991-24	+506298-25	+500939-29
+246739-22	+239857-22	+206797-22	+132423-22
+646835-23	+566708-24	+160421-24	+104246-27
+407888-22	+400926-22	+367155-22	+285852-22
+164059-22	+146823-23	+419665-24	+125180-26
+692123-22	+685022-22	+650003-22	+556529-22
+339800-22	+316645-23	+937383-24	+152237-25
+835401-22	+828232-22	+792602-22	+693182-22
+430065-22	+443011-23	+166570-23	+128246-24
+877358-22	+870186-22	+834526-22	+734808-22
+469364-22	+793456-23	+463615-23	+100995-23

ELEMENT	FUNCTION	PHI
34	2	+300000+14

+363036-22	+343718-22	+255868-22	+102560-22
+216456-23	+180153-24	+507133-25	+227686-29
+526023-22	+505578-22	+408168-22	+198729-22
+668824-23	+522313-24	+145910-24	+421856-28
+811933-22	+791247-22	+691722-22	+465238-22
+235802-22	+164943-23	+423737-24	+921144-27
+154125-21	+152020-21	+141734-21	+115836-21
+676550-22	+341392-23	+908149-24	+109137-25
+243980-21	+241828-21	+231129-21	+201208-21
+121547-21	+532980-23	+160849-23	+123033-24
+254564-21	+252408-21	+241674-21	+211407-21
+129050-21	+833179-23	+419438-23	+864726-24
+267829-21	+265674-21	+254939-21	+224670-21
+142296-21	+214134-22	+157481-22	+420146-23

ELEMENT	FUNCTION	PHI
34	2	+100000+15

+122088-21	+115648-21	+863589-22	+352062-22
+784301-23	+582175-24	+161447-24	+216100-28
+183852-21	+177032-21	+144518-21	+743107-22
+272599-22	+158967-23	+424720-24	+454327-27
+326799-21	+319873-21	+286428-21	+208299-21
+111285-21	+399022-23	+960967-24	+990752-26
+637669-21	+630582-21	+595690-21	+503458-21
+296480-21	+696937-23	+158885-23	+110129-24
+835753-21	+828565-21	+792764-21	+691669-21
+415589-21	+115874-22	+469717-23	+100255-23
+854035-21	+846845-21	+811018-21	+709680-21
+431695-21	+244066-22	+159935-22	+426498-23
+868116-21	+860926-21	+825099-21	+723759-21
+445757-21	+382946-22	+282594-22	+780746-23

ELEMENT	FUNCTION	PHI
34	2	+300000+15

+374431-21	+355107-21	+267202-21	+113362-21
+282979-22	+160721-23	+426647-24	+183824-27
+602908-21	+582421-21	+484632-21	+271609-21
+111740-21	+385270-23	+902856-24	+397246-26
+115534-20	+113447-20	+103329-20	+790686-21
+435612-21	+818371-23	+150571-23	+822081-25
+203485-20	+201352-20	+190824-20	+162569-20
+959110-21	+167336-22	+391139-23	+771621-24
+251553-20	+249396-20	+238649-20	+208266-20
+125015-20	+318106-22	+168581-22	+422190-23
+254204-20	+252046-20	+241294-20	+210854-20
+127167-20	+466987-22	+280638-22	+774697-23
+254354-20	+252197-20	+241445-20	+211004-20
+127307-20	+471856-22	+293771-22	+812625-23

ELEMENT	FUNCTION	PHI
34	2	+100000+16

+131346-20	+124901-20	+955679-21	+439827-21
+132479-21	+424182-23	+961144-24	+195895-26
+223794-20	+216953-20	+184247-20	+112172-20
+505620-21	+875077-23	+138890-23	+408022-25
+413165-20	+406194-20	+372332-20	+290149-20
+161534-20	+215772-22	+369166-23	+700361-24
+689028-20	+681914-20	+646769-20	+552074-20
+325903-20	+494203-22	+150386-22	+397743-23
+836311-20	+829121-20	+793294-20	+691958-20
+414006-20	+726680-22	+285412-22	+787706-23
+840321-20	+833129-20	+797284-20	+695770-20
+416431-20	+739696-22	+294937-22	+815215-23
+840322-20	+833129-20	+797284-20	+695770-20
+416432-20	+739698-22	+294940-22	+815224-23

EUROPIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
34	3	+100000+13

+640795-26	+600679-26	+425627-26	+181948-26
+475529-27	+269696-28	+715060-29	+768943-34
+925787-26	+883910-26	+693890-26	+361452-26
+136329-26	+801460-28	+213950-28	+463767-33
+135534-25	+131310-25	+111987-25	+761613-26
+390881-26	+259224-27	+706684-28	+672545-32
+203638-25	+199381-25	+179762-25	+141052-25
+814766-26	+727360-27	+206622-27	+757700-31
+277411-25	+273123-25	+253230-25	+211839-25
+131327-25	+210825-26	+630961-27	+919100-30
+369524-25	+365204-25	+345021-25	+300812-25
+198245-25	+487308-26	+150297-26	+835060-29
+481033-25	+476675-25	+456153-25	+408630-25
+280139-25	+843970-26	+278551-26	+879408-28

ELEMENT	FUNCTION	PHI
34	3	+100000+14

+641845-25	+601728-25	+426671-25	+182944-25
+481701-26	+268907-27	+710791-28	+184084-32
+935057-25	+893175-25	+703112-25	+370245-25
+141779-25	+794133-27	+210100-27	+288293-31
+144421-24	+140192-24	+120827-24	+845897-25
+443068-25	+250866-26	+666234-27	+612254-30
+256290-24	+252005-24	+232134-24	+190971-24
+112272-24	+650667-26	+174855-26	+731909-29
+453335-24	+448951-24	+428193-24	+378379-24
+232211-24	+140700-25	+397246-26	+877241-28
+552089-24	+547656-24	+526465-24	+472424-24
+293291-24	+202131-25	+718994-26	+737516-27
+577475-24	+573040-24	+551827-24	+497576-24
+316794-24	+407578-25	+252263-25	+593274-26

ELEMENT	FUNCTION	PHI
34	3	+300000+14

+193244-24	+181209-24	+128688-24	+555380-25
+148571-25	+801533-27	+210430-27	+126711-31
+286452-24	+273884-24	+216837-24	+116703-24
+460229-25	+233548-26	+605659-27	+247294-30
+484913-24	+472198-24	+413858-24	+302752-24
+163248-24	+703657-26	+176371-26	+542855-29
+998778-24	+985799-24	+925089-24	+790877-24
+471206-24	+159930-25	+383269-26	+640803-28
+163399-23	+162068-23	+155704-23	+139421-23
+851375-24	+261189-25	+739954-26	+721738-27
+170555-23	+169221-23	+162831-23	+146303-23
+901024-24	+438164-25	+226510-25	+510754-26
+178417-23	+177084-23	+170694-23	+154164-23
+979536-24	+121352-24	+911306-25	+248849-25

ELEMENT	FUNCTION	PHI
34	3	+100000+15

+651878-24	+611756-24	+436651-24	+192460-24
+540704-25	+261366-26	+669997-27	+125417-30
+101605-23	+974126-24	+783679-24	+447066-24
+189396-24	+730047-26	+176500-26	+268213-29
+202088-23	+197829-23	+178190-23	+139280-23
+781656-24	+195665-25	+404739-26	+585249-28
+422856-23	+418481-23	+397813-23	+348873-23
+209547-23	+376246-25	+726131-26	+650610-27
+563309-23	+558863-23	+537548-23	+482304-23
+293827-23	+661383-25	+256387-25	+593693-26
+574776-23	+570327-23	+548995-23	+493577-23
+303747-23	+142156-24	+925957-25	+252745-25
+583122-23	+578674-23	+557341-23	+501922-23
+312082-23	+224476-24	+165301-24	+462722-25

ELEMENT	FUNCTION	PHI
34	3	+300000+15

+201436-23	+189397-23	+136837-23	+633084-24
+196749-24	+739941-26	+177134-26	+108216-29
+341749-23	+329152-23	+271843-23	+169151-23
+785318-24	+189710-25	+377041-26	+235055-28
+732350-23	+719506-23	+659988-23	+537415-23
+308509-23	+462696-25	+675098-26	+486650-27
+135759-22	+134442-22	+128199-22	+113100-22
+680522-23	+965867-25	+209723-25	+457189-26
+169787-22	+168452-22	+162054-22	+145441-22
+885911-23	+194904-24	+917848-25	+250229-25
+171506-22	+170171-22	+163769-22	+147115-22
+899486-23	+277305-24	+164133-24	+459175-25
+171596-22	+170261-22	+163858-22	+147205-22
+900378-23	+286119-24	+171917-24	+481656-25

ELEMENT	FUNCTION	PHI
34	3	+100000+16

+718440-23	+678283-23	+502862-23	+255594-23
+932144-24	+211306-26	+399995-26	+115916-28
+130335-22	+126127-22	+106946-22	+719561-23
+358295-23	+502460-25	+601349-26	+241721-27
+264353-22	+260060-22	+240125-22	+198331-22
+114729-22	+138232-24	+196272-25	+415077-26
+460416-22	+456022-22	+435174-22	+384480-22
+231489-22	+321046-24	+868850-25	+235752-25
+564993-22	+560545-22	+539212-22	+483795-22
+293972-22	+468280-24	+166920-24	+466899-25
+567832-22	+563383-22	+542037-22	+486493-22
+295684-22	+476188-24	+172566-24	+483205-25
+567832-22	+563383-22	+542037-22	+486493-22
+295684-22	+476190-24	+172568-24	+483210-25

EUROPIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
34	4	+100000+13

+100884-25	+938192-26	+635007-26	+260963-26
+638938-27	+304091-28	+776351-29	+849772-34
+141323-25	+133996-25	+101448-25	+508734-26
+183089-26	+902411-28	+232290-28	+537028-33
+199350-25	+191971-25	+158970-25	+104789-25
+524040-26	+290611-27	+767285-28	+809613-32
+290513-25	+283089-25	+249686-25	+191589-25
+108654-25	+808318-27	+224370-27	+926900-31
+386545-25	+379080-25	+345304-25	+283571-25
+172245-25	+231693-26	+685657-27	+115966-29
+503301-25	+495792-25	+461625-25	+396072-25
+254885-25	+633743-26	+164075-26	+112732-28
+645760-25	+638200-25	+603572-25	+533531-25
+357244-25	+940030-26	+318863-26	+134051-27

ELEMENT	FUNCTION	PHI
34	4	+100000+14

+101027-24	+939621-25	+636429-25	+262319-25
+647364-26	+303394-27	+771722-28	+214816-32
+142586-24	+135258-24	+102704-24	+520717-25
+190530-25	+895870-27	+228120-27	+346988-31
+211463-24	+204078-24	+171019-24	+116279-24
+595338-25	+282899-26	+723616-27	+743515-30
+362366-24	+354904-24	+321159-24	+259730-24
+150816-24	+733430-26	+190206-26	+895956-29
+628059-24	+620463-24	+585513-24	+512335-24
+311797-24	+168819-25	+436350-26	+108940-27
+760980-24	+753318-24	+717779-24	+638861-24
+393667-24	+231263-25	+823969-26	+917733-27
+792543-24	+784878-24	+749310-24	+670105-24
+422566-24	+481566-25	+302177-25	+723894-26

ELEMENT	FUNCTION	PHI
34	4	+300000+14

+304021-24	+282827-24	+191864-24	+795882-25
+199752-25	+906594-27	+228471-27	+151020-31
+435844-24	+413856-24	+316157-24	+163886-24
+619230-25	+264572-26	+657678-27	+298997-30
+704789-24	+682596-24	+583087-24	+415617-24
+220037-24	+803600-26	+191734-26	+659419-29
+140091-23	+137836-23	+127563-23	+107678-23
+636491-24	+185467-25	+419183-26	+782002-28
+226211-23	+223912-23	+213240-23	+189467-23
+116128-23	+308373-26	+838285-26	+881706-27
+235673-23	+233369-23	+222663-23	+198557-23
+121614-23	+523317-25	+268828-25	+620030-26
+245187-23	+242884-23	+232178-23	+208070-23
+131114-23	+146156-24	+109747-24	+301318-25

ELEMENT	FUNCTION	PHI
34	4	+100000+15

+102394-23	+953283-24	+650026-24	+275286-24
+727911-25	+296727-26	+727477-27	+151078-30
+153621-23	+146288-23	+113682-23	+625404-24
+255544-24	+838654-26	+191745-26	+324790-29
+290068-23	+282641-23	+249210-23	+190840-23
+105796-23	+231966-25	+442043-26	+710191-28
+589795-23	+582212-23	+547383-23	+475388-23
+284107-23	+463812-26	+817467-26	+789636-27
+780261-23	+772680-23	+736873-23	+656316-23
+398271-23	+819944-25	+304196-25	+718988-26
+794696-23	+787013-23	+751281-23	+670489-23
+410609-23	+174008-24	+111438-24	+305886-25
+804795-23	+797112-23	+761380-23	+680586-23
+420694-23	+273616-24	+199412-24	+559957-25

ELEMENT	FUNCTION	PHI
34	4	+300000+15

+315182-23	+293982-23	+202967-23	+901763-24
+265522-24	+851149-26	+192363-26	+130805-29
+511188-23	+489161-23	+391105-23	+235360-23
+106310-23	+226441-26	+410382-26	+284672-28
+104209-22	+101972-22	+918614-23	+735566-23
+418534-23	+681601-26	+754216-26	+589524-27
+189113-22	+186832-22	+176325-22	+154160-22
+923606-23	+124073-24	+247467-25	+553399-26
+235213-22	+232908-22	+222191-22	+197970-22
+120139-22	+246729-24	+110430-24	+302799-25
+237426-22	+235120-22	+224397-22	+200121-22
+121860-22	+345806-24	+197971-24	+555623-25
+237634-22	+235228-22	+224506-22	+200229-22
+121968-22	+356170-24	+207390-24	+582825-25

ELEMENT	FUNCTION	PHI
34	4	+100000+16

+111462-22	+104392-22	+740234-23	+361314-23
+126229-23	+252486-25	+434780-26	+140264-28
+192767-22	+185413-22	+152622-22	+996755-23
+486165-23	+636045-26	+663350-26	+292600-27
+374951-22	+367480-22	+333647-22	+271359-22
+155765-22	+180780-24	+230985-25	+502302-26
+641157-22	+633547-22	+598474-22	+524097-22
+314249-22	+417806-24	+104481-24	+285266-25
+783071-22	+775387-22	+739656-22	+658863-22
+398985-22	+604357-24	+201323-24	+564954-25
+786918-22	+779233-22	+743484-22	+662518-22
+401302-22	+614161-24	+208155-24	+584684-25
+786918-22	+779233-22	+743484-22	+662519-22
+401302-22	+614153-24	+208157-24	+584691-25

EUROPIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
34	5	+100000+13

+252526-27	+254628-27	+258731-27	+266958-27
+283024-27	+261482-27	+160997-27	+548717-27
+791485-27	+793711-27	+798901-27	+815968-27
+847674-27	+782834-27	+482493-27	+164524-26
+274544-26	+274775-26	+275362-26	+277597-26
+280647-26	+259074-26	+160179-26	+546669-26
+823377-26	+823603-26	+824150-26	+825976-26
+824635-26	+761577-26	+474881-26	+162337-25
+257430-25	+257451-25	+257492-25	+257537-25
+256032-25	+237053-25	+152138-25	+522110-25
+645165-25	+645183-25	+645198-25	+644980-25
+640863-25	+597815-25	+413631-25	+141878-24
+140790-24	+140791-24	+140790-24	+140745-24
+140090-24	+133594-24	+110045-24	+347476-24

ELEMENT	FUNCTION	PHI
34	6	+100000+14

+251014-26	+253116-26	+257219-26	+265450-26
+281534-26	+260162-26	+160528-26	+548193-26
+777692-26	+779919-26	+785110-26	+802201-26
+834074-26	+770621-26	+477538-26	+163438-25
+259739-25	+259970-25	+260559-25	+262814-25
+266027-25	+245861-25	+153935-25	+526594-25
+704476-25	+704704-25	+705265-25	+707228-25
+707104-25	+654966-25	+420352-25	+142271-24
+166027-24	+166049-24	+166099-24	+166239-24
+165622-24	+154726-24	+106992-24	+340770-24
+285019-24	+285041-24	+285090-24	+285215-24
+284341-24	+270791-24	+212760-24	+534325-24
+612064-24	+612087-24	+612141-24	+612301-24
+611402-24	+596596-24	+527535-24	+799196-24

ELEMENT	FUNCTION	PHI
34	5	+300000+14

+743094-26	+749403-26	+761713-26	+786424-26
+834808-26	+771702-26	+478492-26	+164112-25
+224473-25	+225142-25	+226701-25	+231843-25
+241513-25	+223364-25	+140080-25	+483276-25
+692749-25	+693443-25	+695223-25	+702112-25
+712705-25	+660392-25	+424982-25	+145891-24
+157066-24	+157135-24	+157310-24	+157965-24
+158487-24	+147777-24	+100637-24	+329036-24
+287729-24	+287799-24	+287975-24	+288637-24
+288863-24	+274516-24	+212603-24	+546007-24
+566636-24	+566706-24	+566897-24	+567671-24
+568056-24	+552603-24	+481298-24	+775455-24
+151112-23	+151119-23	+151142-23	+151251-23
+151323-23	+149341-23	+138113-23	+145495-23

ELEMENT	FUNCTION	PHI
34	6	+100000+15

+236558-25	+238661-25	+242767-25	+251026-25
+267299-25	+247431-25	+156031-25	+543116-25
+657020-25	+659249-25	+664464-25	+681772-25
+715128-25	+663772-25	+433821-25	+153557-24
+162198-24	+162431-24	+163036-24	+165442-24
+169752-24	+158751-24	+111592-24	+381732-24
+282509-24	+282744-24	+283369-24	+285928-24
+290308-24	+276187-24	+217213-24	+595366-24
+608803-24	+609045-24	+609727-24	+612754-24
+618050-24	+602642-24	+532527-24	+863426-24
+151498-23	+151524-23	+151605-23	+152016-23
+152749-23	+150786-23	+139769-23	+151318-23
+300101-23	+300129-23	+300236-23	+300851-23
+301994-23	+299577-23	+284211-23	+272371-23

ELEMENT	FUNCTION	PHI
34	6	+300000+15

+625021-25	+631333-25	+643670-25	+668623-25
+718565-25	+667821-25	+441656-25	+159834-24
+141864-24	+142535-24	+144112-24	+149421-24
+160141-24	+150226-24	+109647-24	+410207-24
+263888-24	+264593-24	+266471-24	+274246-24
+290108-24	+277494-24	+231469-24	+733991-24
+537457-24	+538181-24	+540226-24	+549368-24
+568140-24	+564649-24	+500922-24	+978431-24
+149867-23	+149944-23	+150192-23	+151462-23
+154080-23	+152298-23	+142689-23	+167661-23
+289038-23	+289123-23	+289441-23	+291283-23
+295116-23	+292902-23	+278966-23	+280664-23
+362437-23	+362527-23	+362891-23	+365111-23
+369765-23	+367524-23	+363122-23	+352315-23

ELEMENT	FUNCTION	PHI
34	6	+100000+16

+140536-24	+142642-24	+146773-24	+155261-24
+172869-24	+163022-24	+125804-24	+504813-24
+225101-24	+227347-24	+232712-24	+251326-24
+291084-24	+282157-24	+268368-24	+107613-23
+507852-24	+510255-24	+517006-24	+547000-24
+611691-24	+604248-24	+600591-24	+154134-23
+142913-23	+143170-23	+143991-23	+148189-23
+157242-23	+156137-23	+151764-23	+224346-23
+298797-23	+299084-23	+300168-23	+306524-23
+320252-23	+318755-23	+309594-23	+356429-23
+362644-23	+362946-23	+364165-23	+371627-23
+387768-23	+386297-23	+376799-23	+421818-23
+365855-23	+366158-23	+367384-23	+374904-23
+391172-23	+389704-23	+380206-23	+425224-23

EUROPIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
34	6	+100000+13

+310771-13	+307003-13	+274880-13	+923639-14
+457462-15	+407216-16	+127529-15	+115731-20
+432873-13	+427703-13	+383719-13	+133919-13
+136852-14	+121837-14	+381560-15	+346262-20
+474876-13	+469581-13	+424532-13	+168681-13
+451875-14	+402329-14	+125998-14	+114342-19
+562811-13	+557614-13	+512455-13	+256501-13
+131993-13	+117623-13	+368052-14	+334003-19
+835857-13	+830657-13	+785466-13	+529195-13
+401540-13	+357624-13	+111967-13	+101609-18
+138418-12	+137887-12	+133372-12	+107681-12
+942837-13	+839487-13	+262906-13	+238583-18
+203661-12	+203129-12	+198606-12	+172840-12
+158690-12	+141296-12	+442499-13	+401563-18

ELEMENT	FUNCTION	PHI
34	6	+100000+14

+310743-12	+306975-12	+274853-12	+923360-13
+464708-14	+404764-14	+126761-14	+115034-19
+432618-12	+427448-12	+383464-12	+133665-12
+134336-13	+119697-13	+374644-14	+339894-19
+472133-12	+466838-12	+421789-12	+165941-12
+424796-13	+378217-13	+118447-13	+107490-18
+540756-12	+535460-12	+490403-12	+234475-12
+110221-12	+981380-13	+307342-13	+278909-18
+666809-12	+661511-12	+616440-12	+360365-12
+234659-12	+208936-12	+654329-13	+593796-18
+729500-12	+724201-12	+679123-12	+422975-12
+296546-12	+264039-12	+826898-13	+750401-18
+732590-12	+727292-12	+682213-12	+426061-12
+299697-12	+266766-12	+836405-13	+758121-18

ELEMENT	FUNCTION	PHI
34	6	+300000+14

+932044-12	+920742-12	+824374-12	+276825-12
+134601-13	+119816-13	+376232-14	+340519-19
+129622-11	+128071-11	+114876-11	+399364-12
+386889-13	+344439-13	+107869-13	+978899-19
+140037-11	+138448-11	+124934-11	+481813-12
+111612-12	+993737-13	+311212-13	+282421-18
+152127-11	+150538-11	+137022-11	+602555-12
+230969-12	+205638-12	+644003-13	+584426-18
+160483-11	+158894-11	+145377-11	+686009-12
+313450-12	+279087-12	+874024-13	+793167-18
+160907-11	+159318-11	+145801-11	+690243-12
+317636-12	+282814-12	+885697-13	+803759-18
+160907-11	+159318-11	+145801-11	+690244-12
+317636-12	+282815-12	+885699-13	+803761-18

ELEMENT	FUNCTION	PHI
34	6	+100000+15

+310476-11	+306708-11	+274586-11	+920696-12
+428378-13	+381321-13	+119419-13	+108372-18
+430387-11	+425218-11	+381233-11	+131437-11
+112314-12	+999889-13	+313138-13	+284169-18
+454015-11	+448720-11	+403673-11	+147846-11
+245933-12	+218961-12	+685726-13	+622288-18
+461557-11	+456262-11	+411214-11	+155378-11
+320372-12	+285240-12	+893295-13	+810655-18
+462032-11	+456737-11	+411689-11	+155852-11
+325061-12	+289415-12	+906370-13	+822521-18
+462032-11	+456737-11	+411689-11	+155852-11
+325061-12	+289416-12	+906371-13	+822521-18
+462032-11	+456737-11	+411689-11	+155852-11
+325061-12	+289416-12	+906371-13	+822521-18

ELEMENT	FUNCTION	PHI
34	6	+300000+15

+929866-11	+918563-11	+822196-11	+274649-11
+113093-12	+100666-12	+316268-13	+286093-18
+128094-10	+126543-10	+113348-10	+384099-11
+236003-12	+210092-12	+657952-13	+597084-18
+132014-10	+130425-10	+116912-10	+401683-11
+324074-12	+288508-12	+903530-13	+819943-18
+132063-10	+130475-10	+116961-10	+402177-11
+328942-12	+292843-12	+917104-13	+832262-18
+132063-10	+130475-10	+116961-10	+402177-11
+328943-12	+292844-12	+917107-13	+832264-18
+132063-10	+130475-10	+116961-10	+402177-11
+328943-12	+292844-12	+917107-13	+832264-18
+132063-10	+130475-10	+116961-10	+402177-11
+328943-12	+292844-12	+917107-13	+832264-18

ELEMENT	FUNCTION	PHI
34	6	+100000+16

+308703-10	+304936-10	+272814-10	+902993-11
+253391-12	+225514-12	+706249-13	+640913-18
+422366-10	+417196-10	+373213-10	+123426-10
+331256-12	+294807-12	+923254-13	+837842-18
+432509-10	+427214-10	+382170-10	+126368-10
+336284-12	+299280-12	+937265-13	+850557-18
+432510-10	+427215-10	+382171-10	+126368-10
+336285-12	+299281-12	+937266-13	+850558-18
+432510-10	+427215-10	+382171-10	+126368-10
+336285-12	+299281-12	+937266-13	+850558-18
+432510-10	+427215-10	+382171-10	+126368-10
+336285-12	+299281-12	+937266-13	+850558-18
+432510-10	+427215-10	+382171-10	+126368-10
+336285-12	+299281-12	+937266-13	+850558-18

EUROPIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
34	7	+100000+13

+306232-13	+302428-13	+270249-13	+877370-14
+114420-18	+293760-21	+259450-21	+749306-22
+419106-13	+413900-13	+369860-13	+120076-13
+162867-18	+659811-20	+582747-20	+168301-20
+429200-13	+423868-13	+378768-13	+122969-13
+310705-18	+148896-18	+131506-18	+379796-19
+429218-13	+423887-13	+378786-13	+122986-13
+199097-17	+180842-17	+159720-17	+461281-18
+429427-13	+424095-13	+378994-13	+123194-13
+227922-16	+223529-16	+197421-16	+570164-17
+431269-13	+425937-13	+380836-13	+125036-13
+206739-15	+204029-15	+180199-15	+520426-16
+451014-13	+445683-13	+400582-13	+144779-13
+217859-14	+216164-14	+190025-14	+548803-15

ELEMENT	FUNCTION	PHI
34	7	+100000+14

+306232-12	+302428-12	+270249-12	+877370-13
+117085-17	+292648-19	+258467-19	+746469-20
+419107-12	+413901-12	+369861-12	+120077-12
+222897-17	+658873-18	+581919-18	+168062-18
+429213-12	+423882-12	+378781-12	+122982-12
+166205-16	+148366-16	+131029-16	+378419-17
+429381-12	+424050-12	+378949-12	+123149-12
+182564-15	+178731-15	+157856-15	+455896-16
+431376-12	+426044-12	+380943-12	+125143-12
+217439-14	+214598-14	+189533-14	+547384-15
+447498-12	+442167-12	+397066-12	+141264-12
+182747-13	+180476-13	+159396-13	+460346-14
+576403-12	+571071-12	+525968-12	+270150-12
+147001-12	+145185-12	+128228-12	+370331-13

ELEMENT	FUNCTION	PHI
34	7	+300000+14

+918697-12	+907284-12	+810747-12	+263211-12
+369032-17	+263363-18	+232603-18	+671773-19
+125732-11	+124171-11	+110959-11	+360234-12
+106770-16	+591748-17	+522634-17	+150940-17
+128773-11	+127173-11	+113643-11	+369037-12
+138914-15	+132460-15	+116989-15	+337873-16
+128919-11	+127319-11	+113789-11	+370493-12
+159176-14	+156738-14	+138431-14	+399798-15
+130551-11	+128951-11	+115421-11	+386808-12
+178868-13	+176613-13	+155985-13	+450495-14
+141437-11	+139837-11	+126303-11	+395614-12
+126568-12	+124991-12	+110392-12	+318820-13
+190505-11	+188905-11	+175374-11	+986264-12
+616599-12	+608983-12	+537866-12	+155336-12

ELEMENT	FUNCTION	PHI
34	7	+100000+15

+306232-11	+302428-11	+270249-11	+877373-12
+143692-16	+292052-17	+257941-17	+744950-18
+419113-11	+413907-11	+369867-11	+120083-11
+816814-16	+652473-16	+576266-16	+166429-16
+429344-11	+424012-11	+378911-11	+123113-11
+146526-14	+143137-14	+126419-14	+365106-15
+430814-11	+425483-11	+380382-11	+124582-11
+161356-13	+159207-13	+140612-13	+406095-14
+443931-11	+438599-11	+393498-11	+137697-11
+147120-12	+145288-12	+128319-12	+370592-13
+491911-11	+486580-11	+441478-11	+185671-11
+626265-12	+618519-12	+546278-12	+157768-12
+544011-11	+538679-11	+493577-11	+237763-11
+114654-11	+113238-11	+100012-11	+288840-12

ELEMENT	FUNCTION	PHI
34	7	+300000+15

+918699-11	+907287-11	+810749-11	+263214-11
+606527-16	+260900-16	+230428-16	+665489-17
+125738-10	+124176-10	+110964-10	+360286-11
+628443-15	+574408-15	+507319-15	+146517-15
+128880-10	+127281-10	+113751-10	+370109-11
+121050-13	+119082-13	+106174-13	+303748-14
+129894-10	+128295-10	+114765-10	+380246-11
+113329-12	+111882-12	+988148-13	+285383-13
+134969-10	+133369-10	+119839-10	+430982-11
+620063-12	+612362-12	+540840-12	+156198-12
+140153-10	+138554-10	+125023-10	+482819-11
+113779-11	+112369-11	+992450-12	+286626-12
+140711-10	+139111-10	+125581-10	+488396-11
+119349-11	+117871-11	+104104-11	+300659-12

ELEMENT	FUNCTION	PHI
34	7	+100000+16

+306235-10	+302431-10	+270252-10	+877399-11
+400447-15	+282791-15	+249762-15	+721328-16
+419166-10	+413960-10	+369920-10	+120136-10
+614436-14	+591426-14	+522349-14	+150858-14
+430228-10	+424897-10	+379796-10	+123997-10
+103006-12	+101577-12	+897129-13	+259096-13
+435050-10	+429718-10	+384617-10	+128817-10
+584303-12	+576933-12	+509549-12	+147161-12
+440785-10	+435453-10	+390352-10	+134551-10
+115704-11	+114260-11	+100915-11	+291447-12
+441189-10	+435858-10	+390757-10	+134956-10
+119744-11	+118250-11	+104439-11	+301626-12
+441189-10	+435858-10	+390757-10	+134956-10
+119745-11	+118251-11	+104440-11	+301629-12

EUROPIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
34	8	+100000+13

+148921-21	+148921-21	+148919-21	+148900-21
+148716-21	+146880-21	+129725-21	+374653-22
+334490-20	+334489-20	+334485-20	+334444-20
+334029-20	+329906-20	+291374-20	+841505-21
+754827-19	+754826-19	+754816-19	+754722-19
+753786-19	+744482-19	+657528-19	+189898-19
+916774-18	+916773-18	+916761-18	+916648-18
+915510-18	+904210-18	+798601-18	+230641-18
+113317-16	+113317-16	+113316-16	+113302-16
+113161-16	+111764-16	+987106-17	+285082-17
+103432-15	+103432-15	+103431-15	+103418-15
+103289-15	+102015-15	+900995-16	+260213-16
+109072-14	+109072-14	+109070-14	+109057-14
+108922-14	+107577-14	+950124-15	+274402-15

ELEMENT	FUNCTION	PHI
34	8	+100000+14

+148357-19	+148357-19	+148355-19	+148337-19
+148152-19	+146324-19	+129234-19	+373235-20
+334014-18	+334014-18	+334010-18	+333968-18
+333554-18	+329436-18	+290959-18	+840308-19
+752089-17	+752088-17	+752079-17	+751985-17
+751052-17	+741781-17	+655144-17	+189209-17
+906071-16	+906070-16	+906059-16	+905946-16
+904822-16	+893663-16	+789277-16	+227948-16
+108790-14	+108790-14	+108788-14	+108775-14
+108640-14	+107299-14	+947666-15	+273692-15
+914915-14	+914913-14	+914902-14	+914788-14
+913653-14	+902376-14	+796981-14	+230173-14
+736014-13	+736013-13	+736004-13	+735912-13
+734999-13	+725927-13	+641141-13	+185165-13

ELEMENT	FUNCTION	PHI
34	8	+300000+14

+133512-18	+133511-18	+133510-18	+133493-18
+133327-18	+131682-18	+116302-18	+335886-19
+299985-17	+299985-17	+299981-17	+299944-17
+299572-17	+295874-17	+261317-17	+754699-18
+671505-16	+671504-16	+671496-16	+671412-16
+670579-16	+662302-16	+584947-16	+168936-16
+794578-15	+794577-15	+794567-15	+794468-15
+793482-15	+783688-15	+692166-15	+199899-15
+895337-14	+895336-14	+895325-14	+895213-14
+894102-14	+883066-14	+779927-14	+225248-14
+633639-13	+633638-13	+633630-13	+633552-13
+632766-13	+624966-13	+551962-13	+159410-13
+308723-12	+308722-12	+308718-12	+308680-12
+308297-12	+304492-12	+268928-12	+776680-13

ELEMENT	FUNCTION	PHI
34	8	+100000+15

+148055-17	+148055-17	+148053-17	+148035-17
+147851-17	+146026-17	+128971-17	+372475-18
+330770-16	+330769-16	+330765-16	+330724-16
+330314-16	+326236-16	+288133-16	+832146-17
+725630-15	+725629-15	+725620-15	+725530-15
+724629-15	+716606-15	+632095-15	+182553-15
+807095-14	+807094-14	+807084-14	+806983-14
+805982-14	+796033-14	+703059-14	+203048-14
+736534-13	+736533-13	+736524-13	+736432-13
+736518-13	+726439-13	+641594-13	+185296-13
+313557-12	+313556-12	+313552-12	+313513-12
+313124-12	+309259-12	+273139-12	+788841-13
+574055-12	+574054-12	+574047-12	+573976-12
+573263-12	+566188-12	+500059-12	+144420-12

ELEMENT	FUNCTION	PHI
34	8	+300000+15

+132263-16	+132263-16	+132261-16	+132244-16
+132080-16	+130460-16	+116214-16	+332745-17
+291195-15	+291195-15	+291191-15	+291155-15
+290794-15	+287204-15	+253660-15	+732584-16
+603684-14	+603683-14	+603676-14	+603601-14
+602852-14	+595411-14	+525869-14	+151874-14
+567185-13	+567184-13	+567177-13	+567107-13
+566403-13	+559412-13	+494074-13	+142692-13
+310436-12	+310436-12	+310431-12	+310393-12
+310007-12	+306181-12	+270420-12	+780989-13
+569654-12	+569654-12	+569647-12	+569576-12
+568869-12	+561847-12	+496225-12	+143313-12
+597545-12	+597544-12	+597537-12	+597463-12
+596721-12	+589366-12	+520621-12	+150330-12

ELEMENT	FUNCTION	PHI
34	8	+100000+16

+143360-15	+143360-15	+143358-15	+143341-15
+143163-15	+141396-15	+124881-15	+360664-16
+299822-14	+299822-14	+299818-14	+299781-14
+299408-14	+295713-14	+261175-14	+754288-15
+514941-13	+514940-13	+514934-13	+514870-13
+514231-13	+507883-13	+448564-13	+129548-13
+292475-12	+292474-12	+292471-12	+292434-12
+292072-12	+288466-12	+254774-12	+735804-13
+579237-12	+579236-12	+579229-12	+579157-12
+578438-12	+571299-12	+504573-12	+145724-12
+599466-12	+599465-12	+599458-12	+599387-12
+598639-12	+591250-12	+522194-12	+150813-12
+599473-12	+599472-12	+599465-12	+599390-12
+598646-12	+591257-12	+522200-12	+150814-12

EUROPIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
34	9	+100000+13

+215190-14	+218403-14	+244529-14	+348056-14
+234015-14	+215198-16	+930616-37	+000000+00
+918257-14	+921656-14	+949005-14	+103933-13
+669239-14	+615424-16	+266138-36	+000000+00
+299236-13	+299469-13	+301244-13	+300865-13
+190148-13	+174858-15	+766168-36	+000000+00
+627838-13	+627900-13	+628138-13	+612786-13
+385314-13	+354330-15	+153229-35	+000000+00
+931781-13	+931685-13	+930502-13	+901299-13
+565834-13	+520334-15	+225017-35	+000000+00
+124947-12	+124921-12	+124654-12	+120286-12
+754520-13	+693848-15	+300062-35	+000000+00
+162278-12	+162232-12	+161791-12	+155722-12
+976236-13	+897735-15	+388223-35	+000000+00

ELEMENT	FUNCTION	PHI
34	9	+100000+14

+220730-13	+223940-13	+250041-13	+353315-13
+237306-13	+218224-15	+943702-36	+000000+00
+967218-13	+970592-13	+997713-13	+108581-12
+698319-13	+642166-15	+277702-36	+000000+00
+346254-12	+346462-12	+348017-12	+345496-12
+218073-12	+200638-14	+867219-35	+000000+00
+908022-12	+907938-12	+906867-12	+878746-12
+551723-12	+607358-14	+219405-34	+000000+00
+189459-11	+189399-11	+188831-11	+181523-11
+113767-11	+104619-13	+452421-34	+000000+00
+237657-11	+237572-11	+236778-11	+227274-11
+142395-11	+130943-13	+566269-34	+000000+00
+240030-11	+239944-11	+239139-11	+229527-11
+143803-11	+132239-13	+671865-34	+000000+00

ELEMENT	FUNCTION	PHI
34	9	+300000+14

+698638-13	+708250-13	+786381-13	+109454-12
+733566-13	+674678-15	+291719-35	+000000+00
+321510-12	+322506-12	+330496-12	+355496-12
+228112-12	+209769-14	+907141-35	+000000+00
+131203-11	+131252-11	+131590-11	+129589-11
+816524-12	+750866-14	+324709-34	+000000+00
+394860-11	+394771-11	+393877-11	+379860-11
+238245-11	+219087-13	+947435-34	+000000+00
+721488-11	+721229-11	+718808-11	+689907-11
+432238-11	+397481-13	+171889-33	+000000+00
+749520-11	+749246-11	+746694-11	+716516-11
+448887-11	+412791-13	+178510-33	+000000+00
+749526-11	+749253-11	+746700-11	+716522-11
+448891-11	+412795-13	+178512-33	+000000+00

ELEMENT	FUNCTION	PHI
34	9	+100000+15

+273696-12	+276878-12	+302731-12	+403592-12
+268764-12	+247152-14	+106880-34	+000000+00
+139499-11	+139814-11	+142326-11	+149186-11
+952385-12	+876801-14	+378738-34	+000000+00
+651403-11	+651453-11	+651581-11	+635155-11
+399310-11	+367201-13	+168795-33	+000000+00
+179637-10	+179583-10	+179060-10	+172200-10
+107934-10	+992546-13	+429223-33	+000000+00
+251592-10	+251500-10	+250641-10	+240502-10
+150670-10	+138654-12	+599172-33	+000000+00
+253558-10	+253465-10	+252597-10	+242368-10
+151837-10	+139628-12	+603816-33	+000000+00
+253558-10	+253465-10	+252597-10	+242368-10
+151837-10	+139628-12	+603816-33	+000000+00

ELEMENT	FUNCTION	PHI
34	9	+300000+15

+113113-11	+114051-11	+121662-11	+150508-11
+990433-12	+910790-14	+393868-34	+000000+00
+613573-11	+614417-11	+621040-11	+632731-11
+401576-11	+369284-13	+159696-33	+000000+00
+262167-10	+262147-10	+261873-10	+253904-10
+159435-10	+146616-12	+634030-33	+000000+00
+586546-10	+586357-10	+584567-10	+561816-10
+352093-10	+323780-12	+140018-32	+000000+00
+759324-10	+759045-10	+756447-10	+725822-10
+454710-10	+418145-12	+180826-32	+000000+00
+763948-10	+763667-10	+761047-10	+730212-10
+457456-10	+420671-12	+181918-32	+000000+00
+763948-10	+763667-10	+761047-10	+730212-10
+457456-10	+420671-12	+181918-32	+000000+00

ELEMENT	FUNCTION	PHI
34	9	+100000+16

+625091-11	+628091-11	+652301-11	+737148-11
+477467-11	+439073-13	+189876-33	+000000+00
+291242-10	+291478-10	+293281-10	+293226-10
+185363-10	+170457-12	+737137-33	+000000+00
+980828-10	+980706-10	+979294-10	+947855-10
+594964-10	+547121-12	+236601-32	+000000+00
+199670-09	+199605-09	+198989-09	+191216-09
+119832-09	+110196-11	+476538-32	+000000+00
+253591-09	+253498-09	+252630-09	+242399-09
+151857-09	+139646-11	+603894-32	+000000+00
+255034-09	+254941-09	+254065-09	+243769-09
+152714-09	+140434-11	+607303-32	+000000+00
+255035-09	+254941-09	+254066-09	+243769-09
+152714-09	+140434-11	+607303-32	+000000+00

GADOLINIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
36	1	+100000+13

+360112-08	+364019-08	+392582-08	+547953-08
+892769-08	+163211-07	+262030-07	+311461-07
+153619-07	+154077-07	+158393-07	+185030-07
+276656-07	+460963-07	+786496-07	+934416-07
+698081-07	+698870-07	+705255-07	+751818-07
+998243-07	+165186-06	+262637-06	+311542-06
+288833-06	+288950-06	+289923-06	+297849-06
+348831-06	+478202-06	+791900-06	+936393-06
+135247-05	+135262-05	+135399-05	+136581-05
+144974-05	+172816-05	+268294-05	+312766-05
+539759-05	+539781-05	+539972-05	+541679-05
+564709-05	+609331-05	+834963-05	+947531-05
+246941-04	+246944-04	+246969-04	+247205-04
+249079-04	+257947-04	+298085-04	+328290-04

ELEMENT	FUNCTION	PHI
36	1	+100000+14

+360290-07	+364202-07	+392813-07	+548657-07
+897126-07	+164166-06	+262330-06	+311476-06
+154000-06	+154564-06	+158923-06	+185976-06
+279726-06	+469601-06	+789270-06	+934741-06
+714157-06	+714992-06	+721786-06	+772340-06
+104962-05	+164494-05	+265692-05	+312280-05
+320547-05	+320690-05	+321905-05	+332184-05
+401304-05	+653220-05	+816987-05	+944370-05
+182346-04	+182371-04	+182587-04	+184536-04
+198758-04	+230666-04	+288273-04	+323732-04
+773522-04	+773553-04	+773816-04	+776230-04
+794171-04	+836682-04	+921996-04	+103918-03
+300549-03	+300552-03	+300580-03	+300835-03
+302764-03	+308102-03	+327667-03	+397700-03

ELEMENT	FUNCTION	PHI
36	1	+300000+14

+108204-06	+109381-06	+117996-06	+165060-06
+272004-06	+468684-06	+789966-06	+934523-06
+465116-06	+466837-06	+480188-06	+564015-06
+865919-06	+146414-05	+238660-05	+280639-05
+223932-05	+224209-05	+226485-05	+243970-05
+345082-05	+547901-05	+816015-05	+941700-05
+111812-04	+111867-04	+112337-04	+116447-04
+145092-04	+200366-04	+266863-04	+289037-04
+671307-04	+671395-04	+672164-04	+679183-04
+730626-04	+827766-04	+917981-04	+103324-03
+254569-03	+254578-03	+254659-03	+255395-03
+260831-03	+271864-03	+290091-03	+360664-03
+934449-03	+934458-03	+934543-03	+935324-03
+941201-03	+966607-03	+101581-02	+129668-02

ELEMENT	FUNCTION	PHI
36	1	+100000+15

+362003-06	+365967-06	+395041-06	+555398-06
+938799-06	+163190-05	+265201-05	+311620-05
+158352-05	+158957-05	+163690-05	+194385-05
+316318-05	+546206-05	+813623-05	+937969-05
+830678-05	+831810-05	+841262-05	+917703-05
+139610-04	+226027-04	+286238-04	+319356-04
+457065-04	+457293-04	+459271-04	+476977-04
+603270-04	+823691-04	+914964-04	+102234-03
+250156-03	+250186-03	+250450-03	+252862-03
+270618-03	+301870-03	+322153-03	+391869-03
+879744-03	+879775-03	+880044-03	+882517-03
+900739-03	+936699-03	+996936-03	+128206-02
+311939-02	+311942-02	+311969-02	+312221-02
+314090-02	+318142-02	+328524-02	+380426-02

ELEMENT	FUNCTION	PHI
36	1	+300000+15

+109637-05	+110856-05	+119849-05	+170598-05
+306066-05	+542478-05	+812431-05	+935811-05
+496912-05	+498917-05	+514821-05	+623511-05
+111781-04	+198227-04	+265362-04	+283472-04
+283497-04	+283901-04	+287318-04	+315907-04
+502843-04	+820893-04	+910607-04	+999910-04
+152810-03	+152883-03	+153517-03	+159222-03
+200131-03	+269601-03	+287392-03	+341896-03
+775439-03	+775530-03	+776323-03	+783585-03
+836734-03	+930161-03	+990682-03	+127289-02
+265487-02	+265496-02	+265577-02	+266312-02
+271704-02	+281662-02	+291933-02	+343438-02
+919218-02	+919227-02	+919307-02	+920042-02
+926440-02	+936347-02	+946184-02	+100019-01

ELEMENT	FUNCTION	PHI
36	1	+100000+16

+374551-05	+378857-05	+411005-05	+601303-05
+121645-04	+223233-04	+284360-04	+313011-04
+177960-04	+178713-04	+184772-04	+228383-04
+450264-04	+817377-04	+904139-04	+966858-04
+103136-03	+103281-03	+104513-03	+114950-03
+184274-03	+299769-03	+317384-03	+367258-03
+530913-03	+531160-03	+533308-03	+552673-03
+691711-03	+926262-03	+985165-03	+125141-02
+260472-02	+260502-02	+260766-02	+263179-02
+280812-02	+310869-02	+321604-02	+373975-02
+877071-02	+877102-02	+877367-02	+879793-02
+897628-02	+927783-02	+938858-02	+993045-02
+297823-01	+297826-01	+297852-01	+298095-01
+299868-01	+302894-01	+304001-01	+309420-01

GADOLINIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
35	2	+100000+13

+125827-24	+112587-24	+101791-24	+388583-25
+255404-29	+000000+00	+000000+00	+000000+00
+178014-24	+164219-24	+148682-24	+567589-25
+373059-29	+000000+00	+000000+00	+000000+00
+184969-24	+171100-24	+154931-24	+591445-25
+388739-29	+000000+00	+000000+00	+000000+00
+184973-24	+171103-24	+154935-24	+591458-25
+388748-29	+000000+00	+000000+00	+000000+00
+184973-24	+171103-24	+154935-24	+591458-25
+388748-29	+000000+00	+000000+00	+000000+00
+184973-24	+171103-24	+154935-24	+591458-25
+388748-29	+000000+00	+000000+00	+000000+00
+184973-24	+171103-24	+154935-24	+591458-25
+388748-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
35	2	+100000+14

+125827-23	+112587-23	+101791-23	+388583-24
+255404-28	+000000+00	+000000+00	+000000+00
+178014-23	+164219-23	+148682-23	+567589-24
+373059-28	+000000+00	+000000+00	+000000+00
+184969-23	+171099-23	+154931-23	+591445-24
+388739-28	+000000+00	+000000+00	+000000+00
+184973-23	+171103-23	+154935-23	+591458-24
+388748-28	+000000+00	+000000+00	+000000+00
+184973-23	+171103-23	+154935-23	+591458-24
+388748-28	+000000+00	+000000+00	+000000+00
+184973-23	+171103-23	+154935-23	+591458-24
+388748-28	+000000+00	+000000+00	+000000+00
+184973-23	+171103-23	+154935-23	+591458-24
+388748-28	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
35	2	+300000+14

+377482-23	+337761-23	+305373-23	+116575-23
+766212-28	+000000+00	+000000+00	+000000+00
+534043-23	+492656-23	+446047-23	+170277-23
+111918-27	+000000+00	+000000+00	+000000+00
+554907-23	+513298-23	+464794-23	+177433-23
+116622-27	+000000+00	+000000+00	+000000+00
+554919-23	+513310-23	+464805-23	+177437-23
+116624-27	+000000+00	+000000+00	+000000+00
+554919-23	+513310-23	+464805-23	+177437-23
+116624-27	+000000+00	+000000+00	+000000+00
+554919-23	+513310-23	+464805-23	+177437-23
+116624-27	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
35	2	+100000+15

+125827-22	+112587-22	+101791-22	+388583-23
+255404-27	+000000+00	+000000+00	+000000+00
+178014-22	+164219-22	+148682-22	+567589-23
+373059-27	+000000+00	+000000+00	+000000+00
+184969-22	+171099-22	+154931-22	+591445-23
+388739-27	+000000+00	+000000+00	+000000+00
+184973-22	+171103-22	+154935-22	+591458-23
+388748-27	+000000+00	+000000+00	+000000+00
+184973-22	+171103-22	+154935-22	+591458-23
+388748-27	+000000+00	+000000+00	+000000+00
+184973-22	+171103-22	+154935-22	+591458-23
+388748-27	+000000+00	+000000+00	+000000+00
+184973-22	+171103-22	+154935-22	+591458-23
+388748-27	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
35	2	+300000+15

+377482-22	+337761-22	+305373-22	+116575-22
+766212-27	+000000+00	+000000+00	+000000+00
+534043-22	+492656-22	+446047-22	+170277-22
+111918-26	+000000+00	+000000+00	+000000+00
+554907-22	+513298-22	+464794-22	+177433-22
+116622-26	+000000+00	+000000+00	+000000+00
+554919-22	+513310-22	+464805-22	+177437-22
+116624-26	+000000+00	+000000+00	+000000+00
+554919-22	+513310-22	+464805-22	+177437-22
+116624-26	+000000+00	+000000+00	+000000+00
+554919-22	+513310-22	+464805-22	+177437-22
+116624-26	+000000+00	+000000+00	+000000+00
+554919-22	+513310-22	+464805-22	+177437-22
+116624-26	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
35	2	+100000+16

+125827-21	+112587-21	+101791-21	+388583-22
+255404-26	+000000+00	+000000+00	+000000+00
+178014-21	+164219-21	+148682-21	+567589-22
+373059-26	+000000+00	+000000+00	+000000+00
+184969-21	+171099-21	+154931-21	+591445-22
+388739-26	+000000+00	+000000+00	+000000+00
+184973-21	+171103-21	+154935-21	+591458-22
+388748-26	+000000+00	+000000+00	+000000+00
+184973-21	+171103-21	+154935-21	+591458-22
+388748-26	+000000+00	+000000+00	+000000+00
+184973-21	+171103-21	+154935-21	+591458-22
+388748-26	+000000+00	+000000+00	+000000+00
+184973-21	+171103-21	+154935-21	+591458-22
+388748-26	+000000+00	+000000+00	+000000+00

GADOLINIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
36	3	+100000+13

+360921-27	+307700-27	+277644-27	+105951-27
+696386-32	+000000+00	+000000+00	+000000+00
+503214-27	+448479-27	+405398-27	+154759-27
+101719-31	+000000+00	+000000+00	+000000+00
+522177-27	+467241-27	+422437-27	+161264-27
+105994-31	+000000+00	+000000+00	+000000+00
+522188-27	+467251-27	+422446-27	+161267-27
+105996-31	+000000+00	+000000+00	+000000+00
+522188-27	+467251-27	+422446-27	+161267-27
+105996-31	+000000+00	+000000+00	+000000+00
+522188-27	+467251-27	+422446-27	+161267-27
+105996-31	+000000+00	+000000+00	+000000+00
+522188-27	+467251-27	+422446-27	+161267-27
+105996-31	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	3	+100000+14

+360921-26	+307700-26	+277644-26	+105951-26
+696386-31	+000000+00	+000000+00	+000000+00
+503214-26	+448479-26	+405398-26	+154759-26
+101719-30	+000000+00	+000000+00	+000000+00
+522177-26	+467241-26	+422437-26	+161264-26
+105994-30	+000000+00	+000000+00	+000000+00
+522188-26	+467251-26	+422446-26	+161267-26
+105996-30	+000000+00	+000000+00	+000000+00
+522188-26	+467251-26	+422446-26	+161267-26
+105996-30	+000000+00	+000000+00	+000000+00
+522188-26	+467251-26	+422446-26	+161267-26
+105996-30	+000000+00	+000000+00	+000000+00
+522188-26	+467251-26	+422446-26	+161267-26
+105996-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	3	+300000+14

+108276-25	+923101-26	+832631-26	+317853-26
+208916-30	+000000+00	+000000+00	+000000+00
+150964-25	+134544-25	+121619-25	+464277-26
+306166-30	+000000+00	+000000+00	+000000+00
+156653-25	+140172-25	+126731-25	+483791-26
+317981-30	+000000+00	+000000+00	+000000+00
+156656-25	+140175-25	+126734-25	+483802-26
+317989-30	+000000+00	+000000+00	+000000+00
+156656-25	+140175-25	+126734-25	+483802-26
+317989-30	+000000+00	+000000+00	+000000+00
+156656-25	+140175-25	+126734-25	+483802-26
+317989-30	+000000+00	+000000+00	+000000+00
+156656-25	+140175-25	+126734-25	+483802-26
+317989-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	3	+100000+15

+360921-25	+307700-25	+277644-25	+105951-25
+696386-30	+000000+00	+000000+00	+000000+00
+503214-25	+448479-25	+405398-25	+154759-25
+101719-29	+000000+00	+000000+00	+000000+00
+522177-25	+467241-25	+422437-25	+161264-25
+105994-29	+000000+00	+000000+00	+000000+00
+522188-25	+467251-25	+422446-25	+161267-25
+105996-29	+000000+00	+000000+00	+000000+00
+522188-25	+467251-25	+422446-25	+161267-25
+105996-29	+000000+00	+000000+00	+000000+00
+522188-25	+467251-25	+422446-25	+161267-25
+105996-29	+000000+00	+000000+00	+000000+00
+522188-25	+467251-25	+422446-25	+161267-25
+105996-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	3	+300000+15

+108276-24	+923101-25	+832631-25	+317853-25
+208916-29	+000000+00	+000000+00	+000000+00
+150964-24	+134544-24	+121619-24	+464277-25
+306166-29	+000000+00	+000000+00	+000000+00
+156653-24	+140172-24	+126731-24	+483791-25
+317981-29	+000000+00	+000000+00	+000000+00
+156656-24	+140175-24	+126734-24	+483802-25
+317989-29	+000000+00	+000000+00	+000000+00
+156656-24	+140175-24	+126734-24	+483802-25
+317989-29	+000000+00	+000000+00	+000000+00
+156656-24	+140175-24	+126734-24	+483802-25
+317989-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	3	+100000+16

+360921-24	+307700-24	+277644-24	+105951-24
+696386-29	+000000+00	+000000+00	+000000+00
+503214-24	+448479-24	+405398-24	+154759-24
+101719-28	+000000+00	+000000+00	+000000+00
+522177-24	+467241-24	+422437-24	+161264-24
+105994-28	+000000+00	+000000+00	+000000+00
+522188-24	+467251-24	+422446-24	+161267-24
+105996-28	+000000+00	+000000+00	+000000+00
+522188-24	+467251-24	+422446-24	+161267-24
+105996-28	+000000+00	+000000+00	+000000+00
+522188-24	+467251-24	+422446-24	+161267-24
+105996-28	+000000+00	+000000+00	+000000+00

GADOLINIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
36	4	+100000+13

+599536-27	+508505-27	+458550-27	+175050-27
+115066-31	+000000+00	+000000+00	+000000+00
+834629-27	+741096-27	+669788-27	+255689-27
+168067-31	+000000+00	+000000+00	+000000+00
+865960-27	+772093-27	+697939-27	+266435-27
+175120-31	+000000+00	+000000+00	+000000+00
+865977-27	+772110-27	+697955-27	+266441-27
+175124-31	+000000+00	+000000+00	+000000+00
+865977-27	+772110-27	+697955-27	+266441-27
+175124-31	+000000+00	+000000+00	+000000+00
+865977-27	+772110-27	+697955-27	+266441-27
+175124-31	+000000+00	+000000+00	+000000+00
+865977-27	+772110-27	+697955-27	+266441-27
+175124-31	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	4	+100000+14

+599536-26	+508505-26	+458550-26	+175050-26
+115066-30	+000000+00	+000000+00	+000000+00
+834629-26	+741096-26	+669788-26	+255689-26
+168067-30	+000000+00	+000000+00	+000000+00
+865960-26	+772093-26	+697939-26	+266435-26
+175120-30	+000000+00	+000000+00	+000000+00
+865977-26	+772110-26	+697955-26	+266441-26
+175124-30	+000000+00	+000000+00	+000000+00
+865977-26	+772110-26	+697955-26	+266441-26
+175124-30	+000000+00	+000000+00	+000000+00
+865977-26	+772110-26	+697955-26	+266441-26
+175124-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	4	+300000+14

+179861-25	+152551-25	+137565-25	+525149-26
+346165-30	+000000+00	+000000+00	+000000+00
+250389-25	+222329-25	+200936-25	+767066-26
+504170-30	+000000+00	+000000+00	+000000+00
+259788-25	+231628-25	+209382-25	+799306-26
+525361-30	+000000+00	+000000+00	+000000+00
+259793-25	+231633-25	+209386-25	+799324-26
+525372-30	+000000+00	+000000+00	+000000+00
+259793-25	+231633-25	+209386-25	+799324-26
+525372-30	+000000+00	+000000+00	+000000+00
+259793-25	+231633-25	+209386-25	+799324-26
+525372-30	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	4	+100000+15

+599536-25	+508505-25	+458550-25	+175050-25
+115066-29	+000000+00	+000000+00	+000000+00
+834629-25	+741096-25	+669788-25	+255689-25
+168067-29	+000000+00	+000000+00	+000000+00
+865960-25	+772093-25	+697939-25	+266435-25
+175120-29	+000000+00	+000000+00	+000000+00
+865977-25	+772110-25	+697955-25	+266441-25
+175124-29	+000000+00	+000000+00	+000000+00
+865977-25	+772110-25	+697955-25	+266441-25
+175124-29	+000000+00	+000000+00	+000000+00
+865977-25	+772110-25	+697955-25	+266441-25
+175124-29	+000000+00	+000000+00	+000000+00
+865977-25	+772110-25	+697955-25	+266441-25
+175124-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	4	+300000+15

+179861-24	+152551-24	+137565-24	+525149-25
+346165-29	+000000+00	+000000+00	+000000+00
+250389-24	+222329-24	+200936-24	+767066-25
+504170-29	+000000+00	+000000+00	+000000+00
+259788-24	+231628-24	+209382-24	+799306-25
+525361-29	+000000+00	+000000+00	+000000+00
+259793-24	+231633-24	+209386-24	+799324-25
+525372-29	+000000+00	+000000+00	+000000+00
+259793-24	+231633-24	+209386-24	+799324-25
+525372-29	+000000+00	+000000+00	+000000+00
+259793-24	+231633-24	+209386-24	+799324-25
+525372-29	+000000+00	+000000+00	+000000+00
+259793-24	+231633-24	+209386-24	+799324-25
+525372-29	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	4	+100000+16

+599536-24	+508505-24	+458550-24	+175050-24
+115066-28	+000000+00	+000000+00	+000000+00
+834629-24	+741096-24	+669788-24	+255689-24
+168067-28	+000000+00	+000000+00	+000000+00
+865960-24	+772093-24	+697939-24	+266435-24
+175120-28	+000000+00	+000000+00	+000000+00
+865977-24	+772110-24	+697955-24	+266441-24
+175124-28	+000000+00	+000000+00	+000000+00
+865977-24	+772110-24	+697955-24	+266441-24
+175124-28	+000000+00	+000000+00	+000000+00
+865977-24	+772110-24	+697955-24	+266441-24
+175124-28	+000000+00	+000000+00	+000000+00

GADOLINIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
35	5	+100000+13

+293811-27	+298696-27	+340031-27	+575105-27
+701897-27	+837914-27	+159676-26	+194276-26
+150132-26	+150803-26	+156484-26	+188893-26
+208598-26	+249293-26	+476335-26	+579858-26
+595013-26	+595711-26	+601628-26	+635811-26
+665867-26	+800251-26	+154998-25	+189184-25
+166806-25	+166879-25	+167498-25	+171194-25
+176950-25	+216204-25	+435207-25	+535065-25
+400794-25	+400877-25	+401582-25	+406137-25
+420433-25	+539861-25	+120609-24	+150988-24
+728946-25	+729047-25	+729926-25	+736206-25
+767653-25	+104805-24	+261243-24	+332575-24
+119710-24	+119723-24	+119831-24	+120664-24
+125850-24	+173045-24	+436356-24	+556452-24

ELEMENT	FUNCTION	PHI
35	5	+100000+14

+278999-26	+283884-26	+325218-26	+560283-26
+686988-26	+822187-26	+157646-25	+192038-25
+126780-25	+127451-25	+133131-25	+165532-25
+185157-25	+225104-25	+447971-25	+549590-25
+335994-25	+336691-25	+342600-25	+376696-25
+405895-25	+532225-25	+123703-24	+155839-24
+459374-25	+460096-25	+466220-25	+502477-25
+553138-25	+880934-25	+270972-24	+354359-24
+539060-25	+539826-25	+546348-25	+586572-25
+676660-25	+137454-24	+526802-24	+704336-24
+579577-25	+580365-25	+587084-25	+629283-25
+738979-25	+162092-24	+654131-24	+878618-24
+583216-25	+584005-25	+590734-25	+633030-25
+743694-25	+163471-24	+660584-24	+887327-24

ELEMENT	FUNCTION	PHI
35	5	+300000+14

+749331-26	+763986-26	+887983-26	+159312-25
+197266-25	+237287-25	+460563-25	+562369-25
+272117-25	+274130-25	+291165-25	+388316-25
+446681-25	+561729-25	+120359-24	+149625-24
+434993-25	+437080-25	+454754-25	+556540-25
+639120-25	+971043-25	+282286-24	+366722-24
+464554-25	+466683-25	+484738-25	+590330-25
+710724-25	+139769-24	+522963-24	+697692-24
+482536-25	+484694-25	+503013-25	+611235-25
+757765-25	+168996-24	+689072-24	+926221-24
+484759-25	+486919-25	+505251-25	+613606-25
+761462-25	+170611-24	+697636-24	+937968-24
+489402-25	+491562-25	+509894-25	+618249-25
+766106-25	+171075-24	+698102-24	+938436-24

ELEMENT	FUNCTION	PHI
35	5	+100000+15

+177146-25	+182030-25	+223356-25	+458337-25
+584207-25	+711575-25	+142216-24	+174616-24
+399146-25	+405850-25	+462579-25	+785883-25
+975159-25	+130914-24	+317242-24	+402201-24
+440787-25	+447699-25	+506212-25	+841476-25
+107679-24	+180815-24	+588845-24	+774893-24
+445956-25	+452894-25	+511644-25	+849283-25
+110818-24	+206093-24	+737634-24	+980003-24
+447795-25	+454735-25	+513500-25	+851289-25
+111167-24	+207836-24	+747159-24	+993081-24
+452178-25	+459118-25	+517883-25	+855672-25
+111605-24	+208275-24	+747598-24	+993520-24
+467242-25	+474182-25	+532947-25	+870736-25
+113112-24	+209781-24	+749105-24	+995026-24

ELEMENT	FUNCTION	PHI
35	5	+300000+15

+265331-25	+279978-25	+403906-25	+110836-24
+148108-24	+181733-24	+369321-24	+454856-24
+419245-25	+439320-25	+609186-25	+157588-24
+211172-24	+281347-24	+672851-24	+851363-24
+435210-25	+455797-25	+630017-25	+162262-24
+219747-24	+316113-24	+853745-24	+109889-23
+436636-25	+457225-25	+631461-25	+162422-24
+220062-24	+317876-24	+863585-24	+111241-23
+441236-25	+461825-25	+636060-25	+162882-24
+220622-24	+318336-24	+864047-24	+111288-23
+454168-25	+474757-25	+648992-25	+164175-24
+221816-24	+319629-24	+865340-24	+111417-23
+497078-25	+517667-25	+691902-25	+168466-24
+226106-24	+323920-24	+869631-24	+111846-23

ELEMENT	FUNCTION	PHI
35	5	+100000+16

+297055-25	+345835-25	+758534-25	+310276-24
+430603-24	+505929-24	+926171-24	+111779-23
+420389-25	+487144-25	+105191-24	+425970-24
+590156-24	+688628-24	+123800-23	+148849-23
+432906-25	+501267-25	+107963-24	+436457-24
+604503-24	+704469-24	+126217-23	+151647-23
+437288-25	+505650-25	+108401-24	+436896-24
+604943-24	+704909-24	+126261-23	+151691-23
+452347-25	+520709-25	+109907-24	+438402-24
+606449-24	+706415-24	+126412-23	+151842-23
+493139-25	+561500-25	+113986-24	+442482-24
+610528-24	+710494-24	+126820-23	+152249-23
+612920-25	+681281-25	+125964-24	+445460-24
+622506-24	+722472-24	+128018-23	+153447-23

GADOLINIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
36	6	+100000+13

+465561-14	+416572-14	+376627-14	+143776-14
+944996-19	+000000+00	+000000+00	+000000+00
+658653-14	+607609-14	+550125-14	+210008-14
+138032-18	+000000+00	+000000+00	+000000+00
+684386-14	+633068-14	+573246-14	+218835-14
+143834-18	+000000+00	+000000+00	+000000+00
+684400-14	+633082-14	+573259-14	+218839-14
+143837-18	+000000+00	+000000+00	+000000+00
+684400-14	+633082-14	+573259-14	+218839-14
+143837-18	+000000+00	+000000+00	+000000+00
+684400-14	+633082-14	+573259-14	+218839-14
+143837-18	+000000+00	+000000+00	+000000+00
+684400-14	+633082-14	+573259-14	+218839-14
+143837-18	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	6	+100000+14

+465561-13	+416572-13	+376627-13	+143776-13
+944996-18	+000000+00	+000000+00	+000000+00
+658653-13	+607609-13	+550125-13	+210008-13
+138032-17	+000000+00	+000000+00	+000000+00
+684386-13	+633068-13	+573246-13	+218835-13
+143834-17	+000000+00	+000000+00	+000000+00
+684400-13	+633082-13	+573259-13	+218839-13
+143837-17	+000000+00	+000000+00	+000000+00
+684400-13	+633082-13	+573259-13	+218839-13
+143837-17	+000000+00	+000000+00	+000000+00
+684400-13	+633082-13	+573259-13	+218839-13
+143837-17	+000000+00	+000000+00	+000000+00
+684400-13	+633082-13	+573259-13	+218839-13
+143837-17	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	6	+300000+14

+139668-12	+124972-12	+112988-12	+431327-13
+283499-17	+000000+00	+000000+00	+000000+00
+197596-12	+182283-12	+165037-12	+630023-13
+414096-17	+000000+00	+000000+00	+000000+00
+205316-12	+189920-12	+171974-12	+656504-13
+431601-17	+000000+00	+000000+00	+000000+00
+205320-12	+189925-12	+171978-12	+656518-13
+431610-17	+000000+00	+000000+00	+000000+00
+205320-12	+189925-12	+171978-12	+656518-13
+431610-17	+000000+00	+000000+00	+000000+00
+205320-12	+189925-12	+171978-12	+656518-13
+431610-17	+000000+00	+000000+00	+000000+00
+205320-12	+189925-12	+171978-12	+656518-13
+431610-17	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	6	+100000+15

+465561-12	+416572-12	+376627-12	+143776-12
+944996-17	+000000+00	+000000+00	+000000+00
+658652-12	+607609-12	+550125-12	+210008-12
+138032-16	+000000+00	+000000+00	+000000+00
+684386-12	+633068-12	+573246-12	+218835-12
+143834-16	+000000+00	+000000+00	+000000+00
+684400-12	+633082-12	+573259-12	+218839-12
+143837-16	+000000+00	+000000+00	+000000+00
+684400-12	+633082-12	+573259-12	+218839-12
+143837-16	+000000+00	+000000+00	+000000+00
+684400-12	+633082-12	+573259-12	+218839-12
+143837-16	+000000+00	+000000+00	+000000+00
+684400-12	+633082-12	+573259-12	+218839-12
+143837-16	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	6	+300000+15

+139668-11	+124972-11	+112988-11	+431327-12
+283499-16	+000000+00	+000000+00	+000000+00
+197596-11	+182283-11	+165037-11	+630024-12
+414096-16	+000000+00	+000000+00	+000000+00
+205316-11	+189920-11	+171974-11	+656504-12
+431601-16	+000000+00	+000000+00	+000000+00
+205320-11	+189925-11	+171978-11	+656518-12
+431610-16	+000000+00	+000000+00	+000000+00
+205320-11	+189925-11	+171978-11	+656518-12
+431610-16	+000000+00	+000000+00	+000000+00
+205320-11	+189925-11	+171978-11	+656518-12
+431610-16	+000000+00	+000000+00	+000000+00
+205320-11	+189925-11	+171978-11	+656518-12
+431610-16	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	6	+100000+16

+465561-11	+416572-11	+376627-11	+143776-11
+944996-16	+000000+00	+000000+00	+000000+00
+658653-11	+607609-11	+550125-11	+210008-11
+138032-16	+000000+00	+000000+00	+000000+00
+684386-11	+633068-11	+573246-11	+218835-11
+143834-15	+000000+00	+000000+00	+000000+00
+684400-11	+633082-11	+573259-11	+218839-11
+143837-15	+000000+00	+000000+00	+000000+00
+684400-11	+633082-11	+573259-11	+218839-11
+143837-15	+000000+00	+000000+00	+000000+00
+684400-11	+633082-11	+573259-11	+218839-11
+143837-15	+000000+00	+000000+00	+000000+00
+684400-11	+633082-11	+573259-11	+218839-11
+143837-15	+000000+00	+000000+00	+000000+00

GADOLINIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
35	7	+100000+13

+511961-14	+418445-14	+376627-14	+143776-14
+944995-19	+000000+00	+000000+00	+000000+00
+705053-14	+609481-14	+550125-14	+210008-14
+138032-18	+000000+00	+000000+00	+000000+00
+730786-14	+634941-14	+573246-14	+218835-14
+143834-18	+000000+00	+000000+00	+000000+00
+730800-14	+634955-14	+573259-14	+218839-14
+143837-18	+000000+00	+000000+00	+000000+00
+730800-14	+634955-14	+573259-14	+218839-14
+143837-18	+000000+00	+000000+00	+000000+00
+730800-14	+634955-14	+573259-14	+218839-14
+143837-18	+000000+00	+000000+00	+000000+00
+730800-14	+634955-14	+573259-14	+218839-14
+143837-18	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
35	7	+100000+14

+511961-13	+418445-13	+376627-13	+143776-13
+944995-18	+000000+00	+000000+00	+000000+00
+705053-13	+609481-13	+550125-13	+210008-13
+138032-17	+000000+00	+000000+00	+000000+00
+730786-13	+634941-13	+573246-13	+218835-13
+143834-17	+000000+00	+000000+00	+000000+00
+730800-13	+634955-13	+573259-13	+218839-13
+143837-17	+000000+00	+000000+00	+000000+00
+730800-13	+634955-13	+573259-13	+218839-13
+143837-17	+000000+00	+000000+00	+000000+00
+730800-13	+634955-13	+573259-13	+218839-13
+143837-17	+000000+00	+000000+00	+000000+00
+730800-13	+634955-13	+573259-13	+218839-13
+143837-17	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
35	7	+300000+14

+153588-12	+125533-12	+112988-12	+431327-13
+283499-17	+000000+00	+000000+00	+000000+00
+211516-12	+182844-12	+165037-12	+630023-13
+414096-17	+000000+00	+000000+00	+000000+00
+219236-12	+190482-12	+171974-12	+656504-13
+431501-17	+000000+00	+000000+00	+000000+00
+219240-12	+190486-12	+171978-12	+656518-13
+431610-17	+000000+00	+000000+00	+000000+00
+219240-12	+190486-12	+171978-12	+656518-13
+431610-17	+000000+00	+000000+00	+000000+00
+219240-12	+190486-12	+171978-12	+656518-13
+431610-17	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
35	7	+100000+15

+511961-12	+418445-12	+376627-12	+143776-12
+944995-17	+000000+00	+000000+00	+000000+00
+705052-12	+609481-12	+550125-12	+210008-12
+138032-16	+000000+00	+000000+00	+000000+00
+730786-12	+634941-12	+573246-12	+218835-12
+143834-16	+000000+00	+000000+00	+000000+00
+730800-12	+634955-12	+573259-12	+218839-12
+143837-16	+000000+00	+000000+00	+000000+00
+730800-12	+634955-12	+573259-12	+218839-12
+143837-16	+000000+00	+000000+00	+000000+00
+730800-12	+634955-12	+573259-12	+218839-12
+143837-16	+000000+00	+000000+00	+000000+00
+730800-12	+634955-12	+573259-12	+218839-12
+143837-16	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
35	7	+300000+15

+153588-11	+125533-11	+112988-11	+431327-12
+283499-16	+000000+00	+000000+00	+000000+00
+211516-11	+182844-11	+165037-11	+630024-12
+414096-16	+000000+00	+000000+00	+000000+00
+219236-11	+190482-11	+171974-11	+656504-12
+431501-16	+000000+00	+000000+00	+000000+00
+219240-11	+190486-11	+171978-11	+656518-12
+431610-16	+000000+00	+000000+00	+000000+00
+219240-11	+190486-11	+171978-11	+656518-12
+431610-16	+000000+00	+000000+00	+000000+00
+219240-11	+190486-11	+171978-11	+656518-12
+431610-16	+000000+00	+000000+00	+000000+00
+219240-11	+190486-11	+171978-11	+656518-12
+431610-16	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
35	7	+100000+16

+511961-11	+418445-11	+376627-11	+143776-11
+944995-16	+000000+00	+000000+00	+000000+00
+705053-11	+609481-11	+550125-11	+210008-11
+138032-15	+000000+00	+000000+00	+000000+00
+730786-11	+634941-11	+573246-11	+218835-11
+143834-15	+000000+00	+000000+00	+000000+00
+730800-11	+634955-11	+573259-11	+218839-11
+143837-15	+000000+00	+000000+00	+000000+00
+730800-11	+634955-11	+573259-11	+218839-11
+143837-15	+000000+00	+000000+00	+000000+00
+730800-11	+634955-11	+573259-11	+218839-11
+143837-15	+000000+00	+000000+00	+000000+00

GADOLINIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
36	8	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	8	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	8	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	8	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	8	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	8	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

GADOLINIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
36	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

TERBIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
36	1	+100000+13

+289964-09	+294221-09	+329358-09	+542714-09
+651876-09	+638000-09	+638000-09	+638000-09
+145943-08	+146552-08	+151629-08	+182271-08
+196128-08	+191400-08	+191399-08	+191399-08
+605942-08	+606559-08	+611692-08	+642133-08
+646731-08	+637992-08	+637988-08	+637988-08
+189343-07	+189403-07	+189905-07	+192837-07
+192636-07	+191392-07	+191388-07	+191388-07
+636033-07	+636094-07	+636594-07	+639513-07
+639229-07	+637896-07	+637862-07	+637862-07
+191136-06	+191142-06	+191192-06	+191483-06
+191461-06	+191293-06	+191276-06	+191276-06
+636641-06	+636647-06	+636697-06	+636986-06
+636937-06	+636679-06	+636601-06	+636601-06

ELEMENT	FUNCTION	PHI
36	1	+100000+14

+289964-08	+294221-08	+329358-08	+542714-08
+651874-08	+637998-08	+637996-08	+637996-08
+145942-07	+146552-07	+151629-07	+182270-07
+196127-07	+191396-07	+191393-07	+191393-07
+605939-07	+606556-07	+611688-07	+642129-07
+646717-07	+637922-07	+637883-07	+637883-07
+189332-06	+189392-06	+189894-06	+192825-06
+192614-06	+191317-06	+191281-06	+191281-06
+635675-06	+635735-06	+636235-06	+639145-06
+638780-06	+636964-06	+636624-06	+636624-06
+190485-05	+190491-05	+190541-05	+190827-05
+190761-05	+190328-05	+190160-05	+190160-05
+626217-05	+626223-05	+626271-05	+626541-05
+626309-05	+624939-05	+624193-05	+624193-05

ELEMENT	FUNCTION	PHI
36	1	+300000+14

+869891-08	+882664-08	+988075-08	+162814-07
+195562-07	+191398-07	+191396-07	+191396-07
+437827-07	+439665-07	+454885-07	+546011-07
+585376-07	+574168-07	+574136-07	+574136-07
+181779-06	+181964-06	+183504-06	+192635-06
+194005-06	+191329-06	+191295-06	+191295-06
+567917-06	+568098-06	+569601-06	+578390-06
+577699-06	+573463-06	+573133-06	+573133-06
+190446-05	+190464-05	+190614-05	+191481-05
+191319-05	+190454-05	+190166-05	+190166-05
+566963-05	+566980-05	+567126-05	+567958-05
+567461-05	+564659-05	+563049-05	+563049-05
+181071-04	+181073-04	+181086-04	+181156-04
+180981-04	+179933-04	+179328-04	+179328-04

ELEMENT	FUNCTION	PHI
36	1	+100000+15

+289964-07	+294221-07	+329358-07	+542714-07
+651871-07	+637974-07	+637961-07	+637961-07
+145942-06	+146551-06	+151628-06	+182269-06
+196120-06	+191363-06	+191329-06	+191329-06
+605891-06	+606508-06	+611639-06	+642070-06
+646566-06	+637210-06	+636836-06	+636836-06
+189190-05	+189250-05	+189751-05	+192673-05
+192377-05	+190664-05	+190218-05	+190218-05
+631262-05	+631321-05	+631812-05	+634647-05
+633662-05	+627370-05	+624422-05	+624422-05
+183339-04	+183344-04	+183390-04	+183642-04
+183230-04	+180776-04	+179379-04	+179379-04
+530558-04	+530562-04	+530598-04	+530750-04
+529392-04	+521198-04	+516360-04	+516359-04

ELEMENT	FUNCTION	PHI
36	1	+300000+15

+869889-07	+882662-07	+988072-07	+162814-06
+195559-06	+191377-06	+191365-06	+191365-06
+437816-06	+439644-06	+454873-06	+546793-06
+585306-06	+573772-06	+573660-06	+573660-06
+181713-05	+181898-05	+183437-05	+192560-05
+193849-05	+190603-05	+190365-05	+190355-05
+566026-05	+566206-05	+567702-05	+576416-05
+575024-05	+566624-05	+563663-05	+563653-05
+185235-04	+185262-04	+185396-04	+186211-04
+185647-04	+181639-04	+179625-04	+179525-04
+497967-04	+497982-04	+498109-04	+498753-04
+496468-04	+482733-04	+474724-04	+474724-04
+112324-03	+112326-03	+112336-03	+112364-03
+111802-03	+108409-03	+106397-03	+106396-03

ELEMENT	FUNCTION	PHI
36	1	+100000+16

+289959-06	+294216-06	+329353-06	+542705-06
+651830-06	+637740-06	+637610-06	+637610-06
+145913-05	+146522-05	+151599-05	+182234-05
+196028-05	+190920-05	+190691-05	+190691-05
+604330-05	+604946-05	+610069-05	+640414-05
+644098-05	+629824-05	+626499-05	+626499-05
+185280-04	+185339-04	+185833-04	+188695-04
+187817-04	+182481-04	+180021-04	+180021-04
+553017-04	+553073-04	+553537-04	+556100-04
+552434-04	+530690-04	+518255-04	+518254-04
+115363-03	+115368-03	+115409-03	+115615-03
+114769-03	+109679-03	+106702-03	+106702-03
+155981-03	+155986-03	+156024-03	+156195-03
+156026-03	+147966-03	+143809-03	+143809-03

TERBIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
36	2	+100000+13

+135832-26	+136107-26	+134723-26	+121477-26
+431519-27	+142196-31	+227333-37	+000000+00
+365591-26	+365602-26	+361855-26	+326276-26
+115903-26	+441456-31	+387897-36	+000000+00
+856865-26	+856311-26	+847513-26	+764185-26
+271477-26	+198782-30	+614541-35	+000000+00
+121454-25	+121358-25	+120110-25	+108304-25
+384895-26	+118389-29	+582401-34	+000000+00
+125696-25	+125595-25	+124306-25	+112110-25
+399833-26	+993360-29	+538376-33	+000000+00
+127001-25	+126899-25	+125609-25	+113400-25
+411527-26	+537600-28	+294444-32	+000000+00
+132253-25	+132151-25	+130856-25	+118595-25
+458626-26	+230362-27	+126393-31	+000000+00

ELEMENT	FUNCTION	PHI
36	2	+100000+14

+135833-25	+136108-25	+134724-25	+121478-25
+431528-26	+176202-30	+209429-35	+000000+00
+365610-25	+365620-25	+361874-25	+326295-25
+115920-25	+106746-29	+382464-34	+000000+00
+857164-25	+856610-25	+847811-25	+764480-25
+271744-25	+120178-28	+612096-33	+000000+00
+121737-24	+121641-24	+120393-24	+108583-24
+387429-25	+106839-27	+679790-32	+000000+00
+128288-24	+128186-24	+126895-24	+114673-24
+423074-25	+970709-27	+632220-31	+000000+00
+140954-24	+140851-24	+139547-24	+127202-24
+536647-25	+622882-26	+286992-30	+000000+00
+190716-24	+190607-24	+189255-24	+176424-24
+982878-25	+219596-25	+120551-29	+000000+00

ELEMENT	FUNCTION	PHI
36	2	+300000+14

+407507-25	+408331-25	+404180-25	+364440-25
+129465-25	+762031-30	+190979-34	+000000+00
+109695-24	+109699-24	+108575-24	+979008-25
+347871-25	+739137-29	+344714-33	+000000+00
+257347-24	+257181-24	+254541-24	+229540-24
+817011-25	+102723-27	+649647-32	+000000+00
+367073-24	+366783-24	+363038-24	+327591-24
+117898-24	+946611-27	+617607-31	+000000+00
+401525-24	+401219-24	+397329-24	+360501-24
+141864-24	+851434-26	+467227-30	+000000+00
+508563-24	+508246-24	+504250-24	+466379-24
+237846-24	+445010-26	+244289-29	+000000+00
+906911-24	+906550-24	+902165-24	+860408-24
+696067-24	+178432-24	+979569-29	+000000+00

ELEMENT	FUNCTION	PHI
36	2	+100000+15

+135844-24	+136118-24	+134735-24	+121488-24
+431620-25	+523910-29	+211834-33	+000000+00
+365796-24	+365807-24	+362060-24	+326479-24
+116087-24	+732826-28	+381963-32	+000000+00
+860110-24	+859555-24	+850753-24	+767394-24
+274386-24	+111067-26	+604987-31	+000000+00
+124451-23	+124354-23	+123104-23	+111268-23
+411766-24	+101932-25	+558930-30	+000000+00
+151233-23	+151129-23	+149816-23	+137370-23
+628834-24	+868540-26	+476757-29	+000000+00
+247731-23	+247617-23	+246208-23	+232822-23
+149415-23	+611292-24	+225792-28	+000000+00
+549360-23	+549213-23	+547508-23	+531181-23
+419895-23	+142542-23	+782545-28	+000000+00

ELEMENT	FUNCTION	PHI
36	2	+300000+15

+407699-24	+408423-24	+404273-24	+364532-24
+129548-24	+387691-28	+190104-32	+000000+00
+109862-23	+109865-23	+108741-23	+980652-24
+349361-24	+632619-27	+341200-31	+000000+00
+259922-23	+259755-23	+257113-23	+232087-23
+840096-24	+960274-26	+530151-30	+000000+00
+389430-23	+389138-23	+385371-23	+349706-23
+137947-23	+846342-26	+464438-29	+000000+00
+561463-23	+561139-23	+557092-23	+518705-23
+285285-23	+622880-24	+341939-28	+000000+00
+107798-22	+107760-22	+107305-22	+102962-22
+748460-23	+235948-23	+129533-27	+000000+00
+213961-22	+213912-22	+213352-22	+207975-22
+170046-22	+592887-23	+325492-27	+000000+00

ELEMENT	FUNCTION	PHI
36	2	+100000+16

+135946-23	+136220-23	+134837-23	+121589-23
+432636-24	+395477-27	+209637-31	+000000+00
+367591-23	+367601-23	+363853-23	+328254-23
+117696-23	+676697-26	+369470-30	+000000+00
+885963-23	+885406-23	+876578-23	+792967-23
+297569-23	+980294-26	+537703-29	+000000+00
+142970-22	+142871-22	+141603-22	+129586-22
+577832-23	+724674-24	+397723-28	+000000+00
+233494-22	+233381-22	+231987-22	+218739-22
+136649-22	+363429-23	+199516-27	+000000+00
+386241-22	+386111-22	+384567-22	+369830-22
+273621-22	+876983-23	+481456-27	+000000+00
+489679-22	+489538-22	+487892-22	+472146-22
+366377-22	+122476-22	+672384-27	+000000+00

TERBIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
36	3	+100000+13

+402577-30	+403391-30	+399290-30	+360032-30
+127899-30	+777321-36	+000000+00	+000000+00
+108368-29	+108371-29	+107261-29	+967164-30
+343664-30	+738098-34	+344883-38	+000000+00
+254235-29	+254071-29	+251463-29	+226764-29
+807142-30	+102099-32	+546396-37	+000000+00
+362666-29	+362380-29	+358680-29	+323662-29
+116503-29	+946863-32	+617819-36	+000000+00
+397593-29	+397291-29	+393447-29	+357056-29
+140978-29	+872284-31	+478676-35	+000000+00
+513494-29	+513179-29	+509221-29	+471700-29
+244908-29	+476893-30	+261793-34	+000000+00
+980483-29	+980117-29	+975702-29	+933627-29
+663671-29	+204699-29	+112377-33	+000000+00

ELEMENT	FUNCTION	PHI
36	3	+100000+14

+402667-29	+403481-29	+399380-29	+360120-29
+127979-29	+380089-33	+186206-37	+000000+00
+108534-28	+108537-28	+107426-28	+968802-29
+345149-29	+630396-32	+340063-36	+000000+00
+256888-28	+256723-28	+254113-28	+229388-28
+830926-29	+993872-31	+544221-35	+000000+00
+387789-28	+387500-28	+383775-28	+348512-28
+139031-28	+939341-30	+615497-34	+000000+00
+628024-28	+627697-28	+623627-28	+584989-28
+347613-28	+861976-29	+473202-33	+000000+00
+175407-27	+175362-27	+174844-27	+169882-27
+135737-27	+464790-28	+266167-32	+000000+00
+617846-27	+617763-27	+616801-27	+607525-27
+632486-27	+196234-27	+107183-31	+000000+00

ELEMENT	FUNCTION	PHI
36	3	+300000+14

+120862-28	+121106-28	+119876-28	+108097-28
+384491-29	+321667-32	+169801-36	+000000+00
+326709-28	+326719-28	+323386-28	+291736-28
+104638-28	+661666-31	+306489-35	+000000+00
+788294-28	+787798-28	+779949-28	+705604-28
+265088-28	+890933-30	+488697-34	+000000+00
+132891-27	+132802-27	+131669-27	+120928-27
+565639-28	+838380-29	+460209-33	+000000+00
+336555-27	+336441-27	+335075-27	+322039-27
+237133-27	+766691-28	+416416-32	+000000+00
+128821-26	+128799-26	+128569-26	+126338-26
+109061-26	+395630-27	+217200-31	+000000+00
+482996-26	+482936-26	+482359-26	+476673-26
+426661-26	+158643-26	+870945-31	+000000+00

ELEMENT	FUNCTION	PHI
36	3	+100000+15

+403586-28	+404400-28	+400299-28	+361030-28
+128804-28	+347160-31	+188344-35	+000000+00
+110190-27	+110192-27	+109080-27	+985179-28
+359995-28	+619693-30	+339607-34	+000000+00
+283081-27	+282913-27	+280277-27	+255297-27
+106581-27	+980041-29	+537900-33	+000000+00
+629091-27	+628775-27	+624814-27	+587197-27
+355414-27	+906230-28	+496960-32	+000000+00
+266814-26	+266759-26	+266152-26	+260299-26
+217706-26	+772118-27	+423890-31	+000000+00
+112378-25	+112363-25	+112318-25	+110896-25
+987066-26	+366673-26	+200764-30	+000000+00
+380659-25	+380615-25	+380207-25	+376170-25
+339193-25	+126734-25	+695769-30	+000000+00

ELEMENT	FUNCTION	PHI
36	3	+300000+15

+121685-27	+121930-27	+120699-27	+108912-27
+391878-28	+309104-30	+169024-34	+000000+00
+341484-27	+341492-27	+338145-27	+306351-27
+117787-27	+652907-29	+303364-33	+000000+00
+101718-26	+101666-26	+100859-26	+932014-27
+470341-27	+858663-28	+471362-32	+000000+00
+331672-26	+331662-26	+330234-26	+317555-26
+234807-26	+762174-27	+412936-31	+000000+00
+175858-25	+175831-25	+175555-25	+172864-25
+161230-26	+563776-26	+304021-30	+000000+00
+635095-25	+635018-25	+634292-25	+627123-25
+663042-26	+209781-26	+116169-29	+000000+00
+157900-24	+157882-24	+157717-24	+156080-24
+140947-24	+527138-25	+289398-29	+000000+00

ELEMENT	FUNCTION	PHI
36	3	+100000+16

+412659-27	+413472-27	+409362-27	+370004-27
+136940-27	+339767-29	+186301-33	+000000+00
+126147-26	+126148-26	+125020-26	+114302-26
+603087-27	+598471-28	+328499-32	+000000+00
+512944-26	+512752-26	+509890-26	+482669-26
+312706-26	+870842-27	+478077-31	+000000+00
+227564-25	+227515-25	+226957-25	+221590-25
+183193-25	+644121-26	+383619-30	+000000+00
+998204-25	+998069-25	+996745-25	+983760-25
+873564-26	+323117-26	+177391-29	+000000+00
+235628-24	+235539-24	+235334-24	+232711-24
+209139-24	+779724-26	+428067-29	+000000+00
+327596-24	+327557-24	+327202-24	+323682-24
+291609-24	+108893-24	+697823-29	+000000+00

TERBIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
36	4	+100000+13

+177130-29	+177488-29	+175684-29	+158410-29
+562722-30	+222244-34	+000000+00	+000000+00
+476760-29	+476774-29	+471888-29	+425492-29
+151158-29	+120388-33	+395466-38	+000000+00
+111767-28	+111695-28	+110548-28	+996811-29
+354279-29	+126447-32	+626633-37	+000000+00
+158661-28	+158535-28	+156908-28	+141508-28
+504429-29	+109769-31	+593766-36	+000000+00
+166504-28	+166372-28	+164689-28	+148759-28
+544649-29	+100144-30	+548882-35	+000000+00
+179795-28	+179662-28	+177966-28	+161306-28
+663825-29	+546960-30	+300189-34	+000000+00
+233343-28	+233204-28	+231455-28	+214874-28
+114401-28	+234734-29	+128869-33	+000000+00

ELEMENT	FUNCTION	PHI
36	4	+100000+14

+177140-28	+177499-28	+175694-28	+158421-28
+562815-29	+568946-33	+213516-37	+000000+00
+476950-28	+476964-28	+472078-28	+425680-28
+151328-28	+768606-32	+389927-36	+000000+00
+112071-27	+111999-27	+110861-27	+999819-28
+357006-28	+114801-30	+624040-35	+000000+00
+161541-27	+161415-27	+159785-27	+144358-27
+530261-28	+107830-29	+591103-34	+000000+00
+192927-27	+192792-27	+191083-27	+174895-27
+781590-28	+988620-29	+542605-33	+000000+00
+322048-27	+321899-27	+320063-27	+302616-27
+193946-27	+632972-28	+292592-32	+000000+00
+829378-27	+829174-27	+826841-27	+804447-27
+648883-27	+223870-27	+122903-31	+000000+00

ELEMENT	FUNCTION	PHI
36	4	+300000+14

+531492-28	+532567-28	+527154-28	+475332-28
+168908-28	+408663-32	+194705-36	+000000+00
+143212-27	+143216-27	+141750-27	+127830-27
+455123-28	+654666-31	+351441-35	+000000+00
+338236-27	+338019-27	+334574-27	+301946-27
+108915-27	+102412-29	+560373-34	+000000+00
+503606-27	+503225-27	+498317-27	+451850-27
+176100-27	+961698-29	+527707-33	+000000+00
+748657-27	+748234-27	+742940-27	+692721-27
+386810-27	+867709-28	+476344-32	+000000+00
+183989-26	+183935-26	+183298-26	+177212-26
+136636-26	+453660-27	+249056-31	+000000+00
+590110-26	+590012-26	+588977-26	+578931-26
+500716-26	+181911-26	+998684-31	+000000+00

ELEMENT	FUNCTION	PHI
36	4	+100000+15

+177246-27	+177604-27	+175800-27	+158525-27
+563760-28	+411388-31	+215968-35	+000000+00
+478848-27	+478862-27	+473974-27	+427558-27
+153030-27	+714167-30	+389417-34	+000000+00
+115075-26	+115002-26	+113852-26	+102953-26
+383939-27	+112462-28	+616792-33	+000000+00
+189211-26	+189081-26	+187424-26	+171727-26
+778380-27	+103812-27	+569836-32	+000000+00
+426860-26	+426700-26	+424761-26	+406293-26
+287934-26	+886375-27	+486060-31	+000000+00
+141066-25	+141039-25	+140749-25	+137943-25
+117014-25	+419306-26	+230198-30	+000000+00
+448580-25	+448520-25	+447928-25	+442123-25
+392771-25	+146322-26	+797815-30	+000000+00

ELEMENT	FUNCTION	PHI
36	4	+300000+15

+532437-27	+533511-27	+528098-27	+476266-27
+169756-27	+368433-30	+193814-34	+000000+00
+144906-26	+144910-26	+143443-26	+129505-26
+470315-27	+636073-29	+347858-33	+000000+00
+364482-26	+364262-26	+360791-26	+327907-26
+132450-26	+984861-28	+640495-32	+000000+00
+731542-26	+731136-26	+726005-26	+677315-26
+380497-26	+862628-27	+473600-31	+000000+00
+237924-25	+237864-25	+237175-25	+230563-25
+184900-26	+636000-26	+348611-30	+000000+00
+764517-25	+764399-25	+763194-25	+751447-25
+667112-26	+240649-26	+132061-29	+000000+00
+184687-24	+184663-24	+184436-24	+182206-24
+162769-24	+604462-26	+331843-29	+000000+00

ELEMENT	FUNCTION	PHI
36	4	+100000+16

+178286-26	+178644-26	+176839-26	+159554-26
+573089-27	+390919-29	+213626-33	+000000+00
+497146-26	+497157-26	+492252-26	+445657-26
+169438-26	+686604-28	+376679-32	+000000+00
+141433-25	+141357-25	+140181-25	+129025-25
+620296-26	+998660-27	+548195-31	+000000+00
+378015-25	+377865-25	+376023-25	+358485-25
+247146-26	+738603-26	+405483-30	+000000+00
+126552-24	+126527-24	+126251-24	+123586-24
+103999-24	+370509-26	+203408-29	+000000+00
+282278-24	+282236-24	+281807-24	+277624-24
+243643-24	+894086-26	+490850-29	+000000+00
+387734-24	+387681-24	+387149-24	+381937-24
+338209-24	+124866-24	+685504-29	+000000+00

TERBIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
36	5	+100000+13

+108356-31	+110191-31	+125847-31	+221599-31
+280717-31	+280720-31	+280720-31	+280720-31
+590418-31	+593098-31	+615966-31	+755827-31
+842177-31	+842167-31	+842157-31	+842157-31
+254525-30	+254804-30	+257187-30	+271761-30
+280756-30	+280730-30	+280715-30	+280715-30
+816301-30	+816580-30	+818962-30	+833533-30
+842491-30	+842262-30	+842108-30	+842108-30
+278432-29	+278460-29	+278698-29	+280151-29
+281014-29	+280793-29	+280669-29	+280669-29
+841150-29	+841178-29	+841414-29	+842850-29
+843660-29	+842336-29	+841608-29	+841608-29
+280772-28	+280775-28	+280798-28	+280934-28
+280938-28	+280417-28	+280105-28	+280105-28

ELEMENT	FUNCTION	PHI
36	5	+100000+14

+108369-30	+110203-30	+125859-30	+221611-30
+280728-30	+280723-30	+280718-30	+280718-30
+590643-30	+593322-30	+616190-30	+756049-30
+842376-30	+842223-30	+842129-30	+842129-30
+254884-29	+255163-29	+257546-29	+272115-29
+281072-29	+280820-29	+280669-29	+280669-29
+819667-29	+819946-29	+822325-29	+836858-29
+845462-29	+843072-29	+841638-29	+841638-29
+281406-28	+281434-28	+281668-28	+283087-28
+283626-28	+281431-28	+280115-28	+280115-28
+855148-28	+855174-28	+855391-28	+856643-28
+855592-28	+843768-28	+836661-28	+836660-28
+283251-27	+283252-27	+283267-27	+283327-27
+282597-27	+277627-27	+274645-27	+274645-27

ELEMENT	FUNCTION	PHI
36	5	+300000+14

+325190-30	+330693-30	+377661-30	+664915-30
+842259-30	+842192-30	+842145-30	+842145-30
+177343-29	+178147-29	+185007-29	+226963-29
+252846-29	+252706-29	+252620-29	+252620-29
+767037-29	+767874-29	+775019-29	+818702-29
+845322-29	+843068-29	+841699-29	+841699-29
+248115-28	+248199-28	+248910-28	+253245-28
+255593-28	+253469-28	+252179-28	+252179-28
+863227-28	+863307-28	+863988-28	+868026-28
+867548-28	+848284-28	+836729-28	+836728-28
+264924-27	+264931-27	+264985-27	+265247-27
+263866-27	+253783-27	+247742-27	+247741-27
+860312-27	+860313-27	+860314-27	+860048-27
+853658-27	+813269-27	+789043-27	+789042-27

ELEMENT	FUNCTION	PHI
36	5	+100000+15

+108494-29	+110328-29	+125984-29	+221734-29
+280839-29	+280766-29	+280703-29	+280703-29
+592889-29	+595669-29	+618434-29	+758268-29
+844361-29	+842792-29	+841847-29	+841847-29
+258423-28	+258702-28	+261080-28	+275611-28
+284198-28	+281704-28	+280208-28	+280208-28
+851839-28	+852114-28	+854457-28	+868630-28
+873828-28	+850783-28	+836960-28	+836960-28
+307193-27	+307217-27	+307421-27	+308536-27
+306194-27	+286537-27	+274746-27	+274746-27
+952738-27	+952748-27	+952823-27	+952661-27
+938209-27	+846111-27	+789271-27	+789268-27
+284500-26	+284497-26	+284464-26	+284049-26
+278818-26	+246562-26	+227199-26	+227198-26

ELEMENT	FUNCTION	PHI
36	5	+300000+15

+326308-29	+331812-29	+378779-29	+666020-29
+843248-29	+842475-29	+842005-29	+842005-29
+179346-28	+180150-28	+187008-28	+228942-28
+254616-28	+253210-28	+252367-28	+252367-28
+797856-28	+798689-28	+805800-28	+849141-28
+872531-28	+860674-28	+837663-28	+837662-28
+274301-27	+274381-27	+275062-27	+279101-27
+278643-27	+259494-27	+248008-27	+248007-27
+103357-26	+103363-26	+103410-26	+103601-26
+101547-26	+874479-27	+789914-27	+789909-27
+303377-26	+303375-26	+303353-26	+302861-26
+294324-26	+240915-26	+208880-26	+208878-26
+706791-26	+706773-26	+706610-26	+704712-26
+682862-26	+548646-26	+468149-26	+468144-26

ELEMENT	FUNCTION	PHI
36	5	+100000+16

+109724-28	+111559-28	+127213-28	+222950-28
+281927-28	+281066-28	+280548-28	+280548-28
+614452-28	+617129-28	+639970-28	+779567-28
+863407-28	+848179-28	+839042-28	+839041-28
+288978-27	+289253-27	+291597-27	+305786-27
+311128-27	+288968-27	+275660-27	+275659-27
+105843-26	+105867-26	+106077-26	+107249-26
+105446-26	+890460-27	+792099-27	+792094-27
+372172-26	+372184-26	+372279-26	+372305-26
+359640-26	+277376-26	+228034-26	+228032-26
+821025-26	+821015-26	+820906-26	+818910-26
+787076-26	+588662-26	+469494-26	+469488-26
+112474-25	+112472-25	+112447-25	+112111-25
+107629-26	+799064-26	+632767-26	+632758-26

TERBIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
36	6	+100000+13

+502579-16	+503595-16	+498476-16	+449464-16
+159661-16	+510802-21	+000000+00	+000000+00
+135268-15	+135272-15	+133886-15	+120722-15
+428835-16	+137196-20	+000000+00	+000000+00
+317028-15	+316823-15	+313567-15	+282736-15
+100435-15	+321321-20	+000000+00	+000000+00
+449265-15	+448908-15	+444292-15	+400608-15
+142306-15	+456278-20	+000000+00	+000000+00
+463995-15	+463621-15	+458854-15	+413738-15
+146971-15	+470200-20	+000000+00	+000000+00
+464000-15	+463626-15	+458859-15	+413742-15
+146972-15	+470205-20	+000000+00	+000000+00
+464000-15	+463626-15	+458859-15	+413742-15
+146972-15	+470205-20	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	6	+100000+14

+502579-15	+503595-15	+498476-15	+449464-15
+159661-15	+510802-20	+000000+00	+000000+00
+135268-14	+135272-14	+133886-14	+120722-14
+428835-15	+137196-19	+000000+00	+000000+00
+317028-14	+316823-14	+313567-14	+282736-14
+100435-14	+321321-19	+000000+00	+000000+00
+449265-14	+448908-14	+444292-14	+400608-14
+142306-14	+456278-19	+000000+00	+000000+00
+463995-14	+463621-14	+458854-14	+413738-14
+146971-14	+470200-19	+000000+00	+000000+00
+464000-14	+463626-14	+458859-14	+413742-14
+146972-14	+470205-19	+000000+00	+000000+00
+464000-14	+463626-14	+458859-14	+413742-14
+146972-14	+470205-19	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	6	+300000+14

+150774-14	+151079-14	+149543-14	+134839-14
+478984-15	+153241-19	+000000+00	+000000+00
+405804-14	+405816-14	+401657-14	+362165-14
+128650-14	+411589-19	+000000+00	+000000+00
+951084-14	+950469-14	+940702-14	+848208-14
+301306-14	+963963-19	+000000+00	+000000+00
+134779-13	+134672-13	+133288-13	+120182-13
+426919-14	+136583-18	+000000+00	+000000+00
+139199-13	+139086-13	+137656-13	+124121-13
+440912-14	+141060-18	+000000+00	+000000+00
+139200-13	+139088-13	+137658-13	+124123-13
+440916-14	+141062-18	+000000+00	+000000+00
+139200-13	+139088-13	+137658-13	+124123-13
+440916-14	+141062-18	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	6	+100000+15

+502579-14	+503595-14	+498476-14	+449464-14
+159661-14	+510802-19	+000000+00	+000000+00
+135268-13	+135272-13	+133886-13	+120722-13
+428835-14	+137196-18	+000000+00	+000000+00
+317028-13	+316823-13	+313567-13	+282736-13
+100435-13	+321321-18	+000000+00	+000000+00
+449265-13	+448908-13	+444292-13	+400608-13
+142306-13	+456278-18	+000000+00	+000000+00
+463995-13	+463621-13	+458854-13	+413738-13
+146971-13	+470200-18	+000000+00	+000000+00
+464000-13	+463626-13	+458859-13	+413742-13
+146972-13	+470205-18	+000000+00	+000000+00
+464000-13	+463626-13	+458859-13	+413742-13
+146972-13	+470205-18	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	6	+300000+15

+150774-13	+151079-13	+149543-13	+134839-13
+478984-14	+153241-18	+000000+00	+000000+00
+405804-13	+405816-13	+401657-13	+362165-13
+128650-13	+411589-18	+000000+00	+000000+00
+951084-13	+950469-13	+940702-13	+848208-13
+301306-13	+963963-18	+000000+00	+000000+00
+134779-12	+134672-12	+133288-12	+120182-12
+426919-13	+136583-17	+000000+00	+000000+00
+139199-12	+139086-12	+137656-12	+124121-12
+440912-13	+141060-17	+000000+00	+000000+00
+139200-12	+139088-12	+137658-12	+124123-12
+440916-13	+141062-17	+000000+00	+000000+00
+139200-12	+139088-12	+137658-12	+124123-12
+440916-13	+141062-17	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	6	+100000+16

+502579-13	+503595-13	+498476-13	+449464-13
+159661-13	+510802-18	+000000+00	+000000+00
+135268-12	+135272-12	+133886-12	+120722-12
+428835-13	+137196-17	+000000+00	+000000+00
+317028-12	+316823-12	+313567-12	+282736-12
+100435-12	+321321-17	+000000+00	+000000+00
+449265-12	+448908-12	+444292-12	+400608-12
+142306-12	+456278-17	+000000+00	+000000+00
+463995-12	+463621-12	+458854-12	+413738-12
+146971-12	+470200-17	+000000+00	+000000+00
+464000-12	+463626-12	+458859-12	+413742-12
+146972-12	+470205-17	+000000+00	+000000+00
+464000-12	+463626-12	+458859-12	+413742-12
+146972-12	+470205-17	+000000+00	+000000+00

TERBIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
36	7	+100000+13

+683542-22	+683467-22	+682797-22	+676132-22
+612953-22	+229818-22	+126170-26	+000000+00
+116632-20	+116620-20	+116505-20	+115368-20
+104588-20	+392137-21	+215283-25	+000000+00
+184779-19	+184759-19	+184578-19	+182776-19
+165697-19	+621259-20	+341070-24	+000000+00
+175116-18	+175097-18	+174925-18	+173217-18
+157032-18	+588768-19	+323233-23	+000000+00
+161878-17	+161861-17	+161702-17	+160123-17
+145161-17	+544262-18	+298793-22	+000000+00
+885330-17	+885234-17	+884366-17	+875732-17
+793902-17	+297663-17	+163416-21	+000000+00
+380037-16	+379996-16	+379623-16	+375917-16
+340791-16	+127776-16	+701481-21	+000000+00

ELEMENT	FUNCTION	PHI
36	7	+100000+14

+629709-20	+629641-20	+629023-20	+622883-20
+564679-20	+211719-20	+116233-24	+000000+00
+114999-18	+114986-18	+114874-18	+113752-18
+103123-18	+386646-19	+212268-23	+000000+00
+184044-17	+184024-17	+183844-17	+182049-17
+165038-17	+618788-18	+339713-22	+000000+00
+174330-16	+174311-16	+174140-16	+172441-16
+156327-16	+586128-17	+321783-21	+000000+00
+160027-15	+160010-15	+159853-15	+158292-15
+143501-15	+538038-16	+296382-20	+000000+00
+862923-15	+862829-15	+861983-15	+853568-15
+773809-15	+290129-15	+159280-19	+000000+00
+362472-14	+362432-14	+362077-14	+358542-14
+326039-14	+121869-14	+669059-19	+000000+00

ELEMENT	FUNCTION	PHI
36	7	+300000+14

+574232-19	+574169-19	+573606-19	+568007-19
+514931-19	+193066-19	+105993-23	+000000+00
+103648-17	+103637-17	+103535-17	+102525-17
+929446-18	+348483-18	+191316-22	+000000+00
+165267-16	+165249-16	+165087-16	+163476-16
+148200-16	+555656-17	+305054-21	+000000+00
+155633-15	+155616-15	+155464-15	+153946-15
+139561-15	+523265-16	+287272-20	+000000+00
+140485-14	+140470-14	+140332-14	+138962-14
+125977-14	+472334-15	+259311-19	+000000+00
+733525-14	+733445-14	+732725-14	+726562-14
+658671-14	+246959-14	+135580-18	+000000+00
+294536-13	+294504-13	+294215-13	+291343-13
+264119-13	+990278-14	+543661-18	+000000+00

ELEMENT	FUNCTION	PHI
36	7	+100000+15

+636941-18	+636871-18	+636247-18	+630036-18
+571164-18	+214150-18	+117568-22	+000000+00
+114848-16	+114836-16	+114723-16	+113603-16
+102988-16	+386139-17	+211990-21	+000000+00
+181907-15	+181887-15	+181709-15	+179935-15
+163121-15	+611600-16	+335768-20	+000000+00
+168058-14	+168040-14	+167875-14	+166236-14
+150703-14	+565040-15	+310206-19	+000000+00
+143351-13	+143335-13	+143195-13	+141797-13
+128547-13	+481969-14	+264600-18	+000000+00
+678908-13	+678834-13	+678169-13	+671548-13
+608798-13	+228260-13	+125314-17	+000000+00
+235295-12	+235269-12	+235038-12	+232744-12
+210996-12	+791100-13	+434312-17	+000000+00

ELEMENT	FUNCTION	PHI
36	7	+300000+15

+571604-17	+571542-17	+570981-17	+565407-1
+512575-17	+192183-17	+105508-21	+000000+00
+102592-15	+102580-15	+102480-15	+101479-15
+919970-16	+344930-16	+189366-20	+000000+00
+159406-14	+159388-14	+159231-14	+157677-14
+142943-14	+536946-15	+294234-19	+000000+00
+139647-13	+139631-13	+139494-13	+138133-13
+125226-13	+469816-14	+257763-18	+000000+00
+102814-12	+102803-12	+102702-12	+101699-12
+921963-13	+345677-13	+189776-17	+000000+00
+389479-12	+389436-12	+389055-12	+385257-12
+349268-12	+130949-12	+718909-17	+000000+00
+978685-12	+978579-12	+977619-12	+968076-12
+877617-12	+329050-12	+180648-16	+000000+00

ELEMENT	FUNCTION	PHI
36	7	+100000+16

+630033-16	+629965-16	+629347-16	+623203-16
+564970-16	+211828-16	+116293-20	+000000+00
+111092-14	+111080-14	+110971-14	+109887-14
+996193-15	+373509-15	+205056-19	+000000+00
+161676-13	+161650-13	+161500-13	+159923-13
+144980-13	+543581-14	+298425-18	+000000+00
+119587-12	+119574-12	+119457-12	+118290-12
+107237-12	+402070-13	+220736-17	+000000+00
+599899-12	+599834-12	+599245-12	+593396-12
+537948-12	+201696-12	+110731-16	+000000+00
+144763-11	+144748-11	+144606-11	+143193-11
+129814-11	+486719-12	+267208-16	+000000+00
+202172-11	+202150-11	+201951-11	+199980-11
+181293-11	+679734-12	+373173-16	+000000+00

TERBIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
36	8	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	8	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	8	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	8	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	8	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	8	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

TERBIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
36	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
36	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

DYSPROSIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
37	1	+100000+13

+255294-11	+260329-11	+305424-11	+731617-11
+325164-10	+463998-10	+464004-10	+464004-10
+214311-10	+215664-10	+227776-10	+342248-10
+101911-09	+139204-09	+139207-09	+139207-09
+188183-09	+188500-09	+191337-09	+218147-09
+376680-09	+464076-09	+464117-09	+464117-09
+100131-08	+100176-08	+100578-08	+104377-08
+126848-08	+139282-08	+139319-08	+139319-08
+424024-08	+424071-08	+424487-08	+428420-08
+451708-08	+465043-08	+465376-08	+465376-08
+135875-07	+135879-07	+135921-07	+136319-07
+138689-07	+140270-07	+140452-07	+140452-07
+471586-07	+471591-07	+471635-07	+472050-07
+474584-07	+477165-07	+477947-07	+477947-07

ELEMENT	FUNCTION	PHI
37	1	+100000+14

+255295-10	+260329-10	+305425-10	+731617-10
+325168-09	+464021-09	+464039-09	+464039-09
+214317-09	+215670-09	+227783-09	+342261-09
+101918-08	+139246-08	+139271-08	+139271-08
+188217-08	+188534-08	+191372-08	+218193-08
+376819-08	+464782-08	+465164-08	+465164-08
+100235-07	+100280-07	+100683-07	+104492-07
+127052-07	+140023-07	+140382-07	+140382-07
+427466-07	+427513-07	+427938-07	+431956-07
+456058-07	+474324-07	+477615-07	+477615-07
+142129-06	+142135-06	+142181-06	+142625-06
+145433-06	+149669-06	+151443-06	+151443-06
+571759-06	+571766-06	+571829-06	+572437-06
+576806-06	+590511-06	+597964-06	+597964-06

ELEMENT	FUNCTION	PHI
37	1	+300000+14

+765901-10	+781005-10	+916296-10	+219491-09
+975530-09	+139222-08	+139235-08	+139235-08
+642992-09	+647052-09	+683395-09	+102687-08
+305801-08	+418023-08	+418240-08	+418240-08
+564880-08	+565832-08	+574352-08	+654879-08
+113138-07	+139904-07	+140245-07	+140245-07
+301393-07	+301529-07	+302744-07	+314233-07
+382496-07	+424954-07	+428155-07	+428155-07
+130472-06	+130486-06	+130619-06	+131880-06
+139633-06	+148283-06	+151172-06	+151172-06
+465476-06	+465495-06	+465663-06	+467278-06
+478390-06	+507405-06	+522509-06	+522510-06
+230512-05	+230516-05	+230546-05	+230839-05
+233200-05	+243681-05	+249737-05	+249737-05

ELEMENT	FUNCTION	PHI
37	1	+100000+15

+255305-09	+260340-09	+305439-09	+731670-09
+325205-08	+464255-08	+464391-08	+464391-08
+214376-08	+215730-08	+227849-08	+342388-08
+101989-07	+139672-07	+139909-07	+139909-07
+188557-07	+188875-07	+191722-07	+218641-07
+378191-07	+471760-07	+475503-07	+475503-07
+101246-06	+101292-06	+101704-06	+105603-06
+129014-06	+147149-06	+150606-06	+150606-06
+458829-06	+458884-06	+459386-06	+464164-06
+495465-06	+557388-06	+586865-06	+586867-06
+192726-05	+192735-05	+192817-05	+193614-05
+199772-05	+224325-05	+238285-05	+238286-05
+124454-04	+124456-04	+124474-04	+124654-04
+126216-04	+134410-04	+139249-04	+139249-04

ELEMENT	FUNCTION	PHI
37	1	+300000+15

+765986-09	+781094-09	+916415-09	+219533-08
+975863-08	+139432-07	+139551-07	+139551-07
+643511-08	+647577-08	+683975-08	+102800-07
+306436-07	+421819-07	+423932-07	+423932-07
+567868-07	+568829-07	+577435-07	+658815-07
+114339-06	+146004-06	+149282-06	+149283-06
+309906-06	+310050-06	+311340-06	+323569-06
+398846-06	+483842-06	+512558-06	+512560-06
+153684-05	+153705-05	+153891-05	+155681-05
+168452-05	+207533-05	+228674-05	+228676-05
+765595-05	+765635-05	+765993-05	+769493-05
+798470-05	+935826-05	+101591-04	+101592-04
+514100-04	+514108-04	+514179-04	+514880-04
+521109-04	+555044-04	+575168-04	+575169-04

ELEMENT	FUNCTION	PHI
37	1	+100000+16

+255404-08	+260442-08	+305576-08	+732144-08
+325573-07	+466664-07	+467864-07	+467864-07
+214941-07	+216301-07	+228480-07	+343614-07
+102675-06	+143772-06	+146057-06	+146058-06
+191633-06	+191961-06	+194894-06	+222668-06
+390331-06	+533089-06	+566336-06	+566338-06
+108823-05	+108876-05	+109350-05	+113861-05
+143083-05	+196454-05	+221044-05	+221046-05
+601497-05	+601583-05	+602358-05	+609859-05
+666969-05	+885408-05	+100876-04	+100877-04
+297581-04	+297595-04	+297723-04	+298979-04
+309483-04	+360389-04	+390156-04	+390157-04
+149177-03	+149179-03	+149195-03	+149355-03
+150730-03	+157789-03	+161946-03	+161946-03

DYSPROSIUM

Activity, curies per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
37	2	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	2	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	2	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	2	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	2	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	2	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

DYSPROSIUM

Gamma power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
37	3	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	3	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	3	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	3	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	3	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	3	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

DYSPROSIUM

Total power, watts per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
37	4	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	4	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	4	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	4	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	4	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	4	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

DYSPROSIUM

Poisoning, cm^2 per initial atom of U^{235}

ELEMENT	FUNCTION	PHI
37	5	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	5	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	5	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	5	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	5	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	5	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

DYSPROSIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

ELEMENT	FUNCTION	PHI
37	6	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	6	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	6	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	6	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	6	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	6	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

DYSPROSIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

ELEMENT	FUNCTION	PHI
37	7	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	7	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	7	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	7	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	7	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	7	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

DYSPROSIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

ELEMENT	FUNCTION	PHI
37	8	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	8	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	8	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	8	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	8	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	8	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

DYSPROSIUM

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

ELEMENT	FUNCTION	PHI
37	9	+100000+13

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	9	+100000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	9	+300000+14

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	9	+100000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	9	+300000+15

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

ELEMENT	FUNCTION	PHI
37	9	+100000+16

+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00
+000000+00	+000000+00	+000000+00	+000000+00

SECTION III

PROPERTIES OF FISSION-PRODUCT RARE GASES XENON AND KRYPTON

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

RG	FUNCTION 1			PHI +100000+13
	+133382-04	+133440-04	+136075-04	+143118-04
	+149206-04	+147600-04	+147302-04	+146102-04
	+427664-04	+427824-04	+431349-04	+444887-04
	+461398-04	+447623-04	+446628-04	+443029-04
	+149779-03	+149796-03	+150152-03	+151448-03
	+150466-03	+149906-03	+149608-03	+148409-03
	+450468-03	+450483-03	+450820-03	+451945-03
	+460362-03	+450337-03	+449446-03	+446866-03
	+150165-02	+150167-02	+150201-02	+150316-02
	+150178-02	+150173-02	+149878-02	+148691-02
	+450541-02	+450542-02	+450576-02	+450691-02
	+450646-02	+450478-02	+449611-02	+446125-02
	+150081-01	+150081-01	+150084-01	+150096-01
	+150079-01	+150062-01	+149784-01	+148704-01

RG	FUNCTION 1			PHI +100000+14
	+137523-03	+137679-03	+141114-03	+151408-03
	+158067-03	+166469-03	+166161-03	+164961-03
	+461121-03	+461441-03	+466267-03	+485086-03
	+492610-03	+488622-03	+487728-03	+484128-03
	+164546-02	+164579-02	+165066-02	+166892-02
	+165979-02	+166422-02	+166124-02	+163926-02
	+497873-02	+497903-02	+498371-02	+500022-02
	+498488-02	+498443-02	+497660-02	+493962-02
	+166315-01	+166318-01	+166365-01	+166533-01
	+166399-01	+166391-01	+166096-01	+164910-01
	+499294-01	+499297-01	+499344-01	+499511-01
	+499371-01	+499300-01	+498436-01	+494966-01
	+166380+00	+166381+00	+166385+00	+166402+00
	+166386+00	+166369+00	+166092+00	+166019+00

RG	FUNCTION 1			PHI +300000+14
	+423226-03	+423900-03	+435872-03	+473614-03
	+494666-03	+489833-03	+488939-03	+486339-03
	+144216-02	+144336-02	+145983-02	+152433-02
	+164791-02	+163617-02	+163348-02	+162269-02
	+516943-02	+517066-02	+518727-02	+524992-02
	+522319-02	+520689-02	+519696-02	+516100-02
	+156665-01	+156677-01	+156837-01	+157402-01
	+156937-01	+156907-01	+156639-01	+155663-01
	+523563-01	+523574-01	+523735-01	+524314-01
	+523896-01	+523861-01	+522967-01	+519413-01
	+157200+00	+157202+00	+157218+00	+157275+00
	+157232+00	+157208+00	+156960+00	+155911+00
	+523958+00	+523959+00	+523975+00	+524032+00
	+523983+00	+523900+00	+523112+00	+519940+00

RG	FUNCTION 1			PHI +100000+15
	+143781-02	+144049-02	+148389-02	+162345-02
	+169628-02	+168007-02	+167709-02	+166509-02
	+492899-02	+493360-02	+499223-02	+522246-02
	+530240-02	+526236-02	+526341-02	+521742-02
	+176976-01	+177022-01	+177614-01	+179845-01
	+178882-01	+178239-01	+177941-01	+176744-01
	+536639-01	+536682-01	+537253-01	+539272-01
	+537439-01	+537142-01	+536262-01	+532671-01
	+179277+00	+179282+00	+179339+00	+179542+00
	+179370+00	+179332+00	+179039+00	+177860+00
	+538268+00	+538272+00	+538330+00	+538533+00
	+538366+00	+538266+00	+537407+00	+533996+00
	+179482+01	+179482+01	+179488+01	+179508+01
	+179489+01	+179460+01	+179210+01	+178204+01

RG	FUNCTION 1			PHI +300000+15
	+434726-02	+435680-02	+448999-02	+492378-02
	+514356-02	+509401-02	+508506-02	+504907-02
	+149367-01	+149498-01	+151306-01	+158364-01
	+160677-01	+159399-01	+159131-01	+158061-01
	+537110-01	+537254-01	+539078-01	+545826-01
	+542167-01	+539703-01	+538811-01	+535222-01
	+162862+00	+162875+00	+163050+00	+163640+00
	+162872+00	+162636+00	+162369+00	+161299+00
	+543320+00	+543334+00	+543508+00	+544097+00
	+543326+00	+543038+00	+542171+00	+538688+00
	+163095+01	+163096+01	+163114+01	+163173+01
	+163094+01	+163048+01	+162804+01	+161825+01
	+544132+01	+544134+01	+544151+01	+544212+01
	+544129+01	+544037+01	+543383+01	+540752+01

RG	FUNCTION 1			PHI +100000+16
	+145550-01	+145846-01	+150397-01	+165052-01
	+172267-01	+170600-01	+170202-01	+169003-01
	+501658-01	+502148-01	+508300-01	+531917-01
	+538404-01	+533292-01	+532400-01	+528807-01
	+181076+00	+181127+00	+181746+00	+183909+00
	+181900+00	+180642+00	+180246+00	+179056+00
	+548156+00	+548202+00	+548781+00	+550502+00
	+546114+00	+544090+00	+543217+00	+539706+00
	+182198+01	+182202+01	+182260+01	+182430+01
	+181974+01	+181745+01	+181471+01	+180367+01
	+546576+01	+546581+01	+546640+01	+546814+01
	+546364+01	+546078+01	+545378+01	+542562+01
	+182036+02	+182037+02	+182043+02	+182061+02
	+182016+02	+181979+02	+181836+02	+181262+02

Activity, curies per initial atom of U^{235}

RG	FUNCTION 2			PHI +100000+13
	+731943-20	+266649-20	+152184-20	+354914-21
	+388087-22	+109746-26	+812461-26	+118398-26
	+776996-20	+311314-20	+193603-20	+607238-21
	+100821-21	+326978-26	+243683-26	+365119-26
	+828274-20	+362518-20	+244152-20	+105145-20
	+215487-21	+106831-24	+811663-26	+118284-25
	+854608-20	+388812-20	+270091-20	+127791-20
	+274280-21	+309489-24	+242976-24	+364088-25
	+856125-20	+390327-20	+271587-20	+129116-20
	+278609-21	+991784-24	+803846-24	+117144-24
	+856319-20	+390521-20	+271781-20	+129310-20
	+280642-21	+287908-23	+236049-23	+363394-24
	+856932-20	+391134-20	+272394-20	+129923-20
	+286669-21	+887926-23	+730962-23	+106622-23

RG	FUNCTION 2			PHI +100000+14
	+705019-19	+240287-19	+130382-19	+322273-20
	+388086-21	+109742-24	+812447-26	+118398-25
	+733244-19	+268476-19	+158174-19	+554195-20
	+100821-20	+326960-24	+243678-24	+365112-25
	+784236-19	+319399-19	+208491-19	+998060-20
	+215484-20	+106807-23	+811611-24	+118276-24
	+810568-19	+345692-19	+234429-19	+122451-19
	+274268-20	+309368-23	+242927-23	+364017-24
	+812084-19	+347205-19	+235924-19	+123774-19
	+278589-20	+991041-23	+803308-23	+117066-23
	+812277-19	+347399-19	+236118-19	+123968-19
	+280617-20	+287327-22	+236677-22	+363307-23
	+812885-19	+348007-19	+236725-19	+124576-19
	+286681-20	+882178-22	+726218-22	+105832-22

RG	FUNCTION 2			PHI +300000+14
	+205906-18	+666040-19	+345811-19	+888944-20
	+116426-20	+329204-24	+243732-24	+366190-26
	+213300-18	+740087-19	+420489-19	+158169-19
	+302461-20	+980666-24	+731007-24	+106530-24
	+228594-18	+892822-19	+571408-19	+291323-19
	+646436-20	+320262-23	+243448-23	+364777-24
	+236493-18	+971694-19	+649216-19	+359251-19
	+822726-20	+927297-23	+728458-23	+106168-23
	+236946-18	+976225-19	+653691-19	+363212-19
	+835636-20	+296819-22	+240634-22	+360676-23
	+237004-18	+976803-19	+654270-19	+363790-19
	+841382-20	+868127-22	+703603-22	+102636-22
	+237183-18	+978592-19	+656058-19	+365578-19
	+859229-20	+260876-21	+214754-21	+312961-22

RG	FUNCTION 2			PHI +100000+15
	+674685-18	+210589-18	+105826-18	+285511-19
	+388083-20	+109710-23	+812412-24	+118393-24
	+698292-18	+234255-18	+129878-18	+511834-19
	+100818-19	+326673-23	+243636-23	+355051-24
	+749267-18	+285162-18	+180181-18	+955665-19
	+215458-19	+106670-22	+811088-23	+118200-23
	+775590-18	+311445-18	+206109-18	+118201-18
	+274154-19	+308177-22	+242444-22	+363313-23
	+777093-18	+312946-18	+207592-18	+119513-18
	+278398-19	+983698-22	+797965-22	+116286-22
	+777282-18	+313135-18	+207780-18	+119701-18
	+280273-19	+281608-21	+230931-21	+336536-22
	+777839-18	+313692-18	+208338-18	+120259-18
	+285837-19	+827393-21	+681102-21	+992569-22

RG	FUNCTION 2			PHI +300000+15
	+201150-17	+619486-18	+307361-18	+841414-19
	+116423-19	+328921-23	+243700-23	+355144-24
	+208151-17	+689686-18	+378859-18	+151939-18
	+302436-19	+978198-23	+730626-23	+106474-23
	+223442-17	+842398-18	+529755-18	+285078-18
	+646212-19	+318191-22	+242978-22	+364092-23
	+231333-17	+921187-18	+607480-18	+352922-18
	+821784-19	+917062-22	+724122-22	+105526-22
	+231778-17	+925624-18	+611862-18	+356793-18
	+834099-19	+290367-21	+236869-21	+343732-22
	+231831-17	+926157-18	+612395-18	+357326-18
	+839397-19	+808361-21	+663121-21	+966366-22
	+231969-17	+927542-18	+613780-18	+358710-18
	+853219-19	+216422-20	+178146-20	+259610-21

RG	FUNCTION 2			PHI +100000+16
	+668846-17	+204885-17	+101168-17	+278578-18
	+388050-19	+109400-22	+812057-23	+118341-23
	+692089-17	+228194-17	+124925-17	+504449-18
	+100791-18	+324027-22	+243213-22	+354434-23
	+743051-17	+279089-17	+175214-17	+948141-18
	+215239-18	+104474-21	+805883-22	+117441-22
	+769302-17	+305301-17	+201072-17	+117378-17
	+273346-18	+298179-21	+237681-21	+346372-22
	+770738-17	+306735-17	+202487-17	+118625-17
	+277172-18	+916602-21	+746972-21	+108856-21
	+770882-17	+306879-17	+202632-17	+118769-17
	+278608-18	+232228-20	+190647-20	+277830-21
	+771128-17	+307125-17	+202877-17	+119015-17
	+281057-18	+472461-20	+388793-20	+566589-21

Gamma power, watts per initial atom of U^{235}

	FUNCTION		PHI
RG	3		+100000+13
+106242-22	+997176-23	+576467-23	+482522-24
+190155-25	+106484-29	+000000+00	+000000+00
+111408-22	+104810-22	+621289-23	+652833-24
+492989-25	+299128-29	+000000+00	+000000+00
+114015-22	+107412-22	+646913-23	+874719-24
+105103-24	+802123-29	+000000+00	+000000+00
+115300-22	+108695-22	+659573-23	+985197-24
+134038-24	+142515-28	+000000+00	+000000+00
+115377-22	+108772-22	+660324-23	+991856-24
+136160-24	+164686-28	+000000+00	+000000+00
+115377-22	+108772-22	+660326-23	+991872-24
+136169-24	+164896-28	+000000+00	+000000+00
+115377-22	+108772-22	+660326-23	+991872-24
+136169-24	+164896-28	+000000+00	+000000+00

	FUNCTION		PHI
RG	3		+100000+14
+101965-21	+955298-22	+541834-22	+430671-23
+190155-24	+106457-28	+000000+00	+000000+00
+104458-21	+980044-22	+565008-22	+568572-23
+492986-24	+298909-28	+000000+00	+000000+00
+107019-21	+100562-21	+590264-22	+789905-23
+105100-23	+800419-28	+000000+00	+000000+00
+108304-21	+101846-21	+602923-22	+900373-23
+134027-23	+141907-27	+000000+00	+000000+00
+108380-21	+101922-21	+603673-22	+907020-23
+136141-23	+163810-27	+000000+00	+000000+00
+108381-21	+101922-21	+603675-22	+907036-23
+136150-23	+164016-27	+000000+00	+000000+00
+108381-21	+101922-21	+603675-22	+907036-23
+136150-23	+164016-27	+000000+00	+000000+00

	FUNCTION		PHI
RG	3		+300000+14
+296998-21	+277879-21	+155348-21	+118419-22
+570462-24	+319196-28	+000000+00	+000000+00
+302771-21	+283633-21	+160919-21	+157721-22
+147894-23	+896268-28	+000000+00	+000000+00
+310449-21	+291300-21	+168490-21	+224113-22
+315286-23	+238995-27	+000000+00	+000000+00
+314304-21	+295150-21	+172287-21	+257246-22
+402006-23	+621716-27	+000000+00	+000000+00
+314532-21	+295377-21	+172512-21	+259233-22
+408300-23	+486688-27	+000000+00	+000000+00
+314532-21	+295377-21	+172512-21	+259238-22
+408324-23	+486288-27	+000000+00	+000000+00
+314532-21	+295377-21	+172512-21	+259238-22
+408324-23	+486288-27	+000000+00	+000000+00

	FUNCTION		PHI
RG	3		+100000+15
+971438-21	+908102-21	+502820-21	+372274-22
+190152-23	+106194-27	+000000+00	+000000+00
+989034-21	+925665-21	+520054-21	+501280-22
+492959-23	+296730-27	+000000+00	+000000+00
+101462-20	+951218-21	+545288-21	+722568-22
+105076-22	+783674-27	+000000+00	+000000+00
+102747-20	+964042-21	+557938-21	+832939-22
+133918-22	+136067-26	+000000+00	+000000+00
+102822-20	+964790-21	+558677-21	+839479-22
+135963-22	+155640-26	+000000+00	+000000+00
+102822-20	+964792-21	+558678-21	+839493-22
+135970-22	+155718-26	+000000+00	+000000+00
+102822-20	+964792-21	+558678-21	+839493-22
+135970-22	+155718-26	+000000+00	+000000+00

	FUNCTION		PHI
RG	3		+300000+15
+289424-20	+270468-20	+149236-20	+109280-21
+570433-23	+316836-27	+000000+00	+000000+00
+294573-20	+275610-20	+154301-20	+147825-21
+147869-22	+876899-27	+000000+00	+000000+00
+302248-20	+283275-20	+161870-20	+214201-21
+315070-22	+224494-26	+000000+00	+000000+00
+306096-20	+287116-20	+165659-20	+247254-21
+401102-22	+373616-26	+000000+00	+000000+00
+306314-20	+287335-20	+165875-20	+249159-21
+406872-22	+419608-26	+000000+00	+000000+00
+306315-20	+287335-20	+165875-20	+249162-21
+406889-22	+420017-26	+000000+00	+000000+00
+306315-20	+287335-20	+165875-20	+249162-21
+406889-22	+420017-26	+000000+00	+000000+00

	FUNCTION		PHI
RG	3		+100000+16
+961953-20	+898862-20	+495373-20	+361259-21
+190120-22	+103610-26	+000000+00	+000000+00
+978971-20	+915869-20	+512138-20	+489555-21
+492694-22	+276127-26	+000000+00	+000000+00
+100455-19	+941399-20	+537359-20	+710709-21
+104865-21	+642116-26	+000000+00	+000000+00
+101732-19	+954154-20	+549940-20	+820397-21
+133143-21	+962664-26	+000000+00	+000000+00
+101801-19	+954843-20	+550621-20	+826373-21
+134839-21	+103644-25	+000000+00	+000000+00
+101801-19	+954844-20	+550621-20	+826379-21
+134842-21	+103619-25	+000000+00	+000000+00
+101801-19	+954844-20	+550621-20	+826379-21
+134842-21	+103619-25	+000000+00	+000000+00

Total power, watts per initial atom of U^{235}

RG	FUNCTION		PHI	
			+ 100000 + 13	
+550621-22	+178581-22	+834922-23	+973737-24	
+461414-25	+146404-28	+111726-28	+162816-29	
+561136-22	+180959-22	+927264-23	+134950-23	
+117232-24	+436972-28	+336102-28	+488344-29	
+567186-22	+194998-22	+986784-23	+186829-23	
+260374-24	+143612-27	+111616-27	+162659-28	
+570244-22	+198051-22	+101691-22	+213119-23	
+318418-24	+419620-27	+334129-27	+486926-28	
+570419-22	+198226-22	+101863-22	+214647-23	
+323446-24	+136688-26	+110641-26	+161092-27	
+570446-22	+198253-22	+101890-22	+214913-23	
+326099-24	+396220-26	+324604-26	+473046-27	
+570510-22	+198337-22	+101974-22	+215756-23	
+334611-24	+122034-26	+100617-26	+146484-26	

RG	FUNCTION		PHI	
			+ 100000 + 14	
+541524-21	+169674-21	+761260-22	+863456-23	
+461414-24	+146401-27	+111724-27	+162816-28	
+546353-21	+174484-21	+807561-22	+117037-22	
+117232-23	+436943-27	+336096-27	+488336-28	
+552306-21	+180429-21	+866299-22	+160791-22	
+260371-23	+143486-26	+111609-26	+162648-27	
+555364-21	+183482-21	+896419-22	+195079-22	
+318407-23	+419419-26	+334062-26	+486829-27	
+555539-21	+183657-21	+898144-22	+196606-22	
+323426-23	+136690-26	+110467-26	+160984-26	
+555666-21	+183684-21	+898410-22	+196872-22	
+326072-23	+394426-26	+323966-26	+472101-26	
+555649-21	+183767-21	+899246-22	+197707-22	
+334412-23	+121244-24	+998663-25	+146536-26	

RG	FUNCTION		PHI	
			+ 300000 + 14	
+160565-20	+490494-21	+213060-21	+236105-22	
+135424-23	+439182-27	+336169-27	+488442-28	
+161651-20	+501371-21	+224011-21	+323780-22	
+361694-23	+131064-26	+100626-26	+146495-27	
+163435-20	+519195-21	+241623-21	+479024-22	
+761096-23	+430286-26	+334780-26	+488784-27	
+164353-20	+528355-21	+250658-21	+557883-22	
+965146-23	+126732-26	+100174-25	+146584-26	
+164405-20	+528877-21	+251175-21	+562455-22	
+970146-23	+406116-26	+330910-26	+482235-26	
+164413-20	+528957-21	+251254-21	+563248-22	
+978039-23	+117800-24	+967564-25	+141003-25	
+164438-20	+529203-21	+251500-21	+565707-22	
+100268-22	+368639-24	+296321-24	+430370-25	

RG	FUNCTION		PHI	
			+ 100000 + 15	
+531268-20	+159633-20	+678277-21	+739253-22	
+461411-23	+146369-26	+111719-26	+162809-27	
+534537-20	+162916-20	+711944-21	+102725-21	
+117229-22	+436664-26	+336038-26	+488260-27	
+540485-20	+168856-20	+770638-21	+154471-21	
+260346-22	+143231-26	+111637-26	+162543-26	
+543542-20	+171908-20	+800749-21	+180750-21	
+318297-22	+418029-26	+333398-26	+485861-26	
+543715-20	+172082-20	+802462-21	+182265-21	
+323238-22	+134616-24	+109731-24	+169911-25	
+543741-20	+172107-20	+802720-21	+182523-21	
+326014-22	+386696-24	+317567-24	+462790-25	
+543818-20	+172184-20	+803487-21	+183290-21	
+333466-22	+113714-23	+936621-24	+136494-24	

RG	FUNCTION		PHI	
			+ 300000 + 15	
+158952-19	+474710-20	+200054-20	+216668-21	
+135421-22	+438893-26	+336126-26	+488378-27	
+159905-19	+484287-20	+209931-20	+302733-21	
+361669-22	+130806-25	+100472-25	+146418-26	
+161689-19	+502106-20	+227538-20	+457959-21	
+750881-22	+428062-26	+334133-26	+486932-26	
+162605-19	+511257-20	+236566-20	+536737-21	
+954234-22	+124627-24	+995782-25	+145115-25	
+162657-19	+511771-20	+237073-20	+541220-21	
+968638-22	+397509-24	+324357-24	+472685-25	
+162664-19	+511844-20	+237146-20	+541951-21	
+975917-22	+110984-23	+911895-24	+132890-24	
+162683-19	+512036-20	+237336-20	+543855-21	
+994924-22	+297436-23	+244977-23	+357005-24	

RG	FUNCTION		PHI	
			+ 100000 + 16	
+529224-19	+157645-19	+662377-20	+715829-21	
+461379-22	+146061-26	+111671-26	+162738-26	
+532369-19	+160807-19	+695047-20	+100233-20	
+117203-21	+433888-26	+334466-26	+487402-26	
+538316-19	+166746-19	+753726-20	+151965-20	
+260134-21	+140948-24	+110822-24	+161500-25	
+541366-19	+169791-19	+783768-20	+178174-20	
+317613-21	+406007-24	+326849-24	+476316-25	
+541533-19	+169957-19	+785413-20	+179625-20	
+322027-21	+126696-23	+102720-23	+149694-24	
+541553-19	+169977-19	+785612-20	+179823-20	
+324001-21	+318911-23	+262170-23	+382060-24	
+541587-19	+170011-19	+785949-20	+180161-20	
+327369-21	+649268-23	+534652-23	+779148-24	

Poisoning, cm^2 per initial atom of U^{235}

RG	FUNCTION 5		PHI +100000+13
+312531-23	+314877-23	+324537-23	+115257-23
+192809-27	+264177-27	+263738-27	+261930-27
+419831-23	+420463-23	+415631-23	+132826-23
+698139-27	+792566-27	+791248-27	+785849-27
+421428-23	+422030-23	+416958-23	+133137-23
+216719-26	+264166-26	+263724-26	+261925-26
+421891-23	+422394-23	+417422-23	+133606-23
+720953-26	+792237-26	+790967-26	+785584-26
+423728-23	+424331-23	+419259-23	+135444-23
+266458-26	+263937-26	+263496-26	+261714-26
+428996-23	+429598-23	+424527-23	+140712-23
+783178-26	+790662-26	+789263-26	+784033-26
+447303-23	+447906-23	+442834-23	+159019-23
+261391-24	+262099-24	+261697-24	+260077-24

RG	FUNCTION 5		PHI +100000+14
+180341-22	+185447-22	+217493-22	+992310-23
+192907-26	+264269-26	+263821-26	+262021-26
+205015-22	+210132-22	+241678-22	+106782-22
+598421-26	+792706-26	+791389-26	+785990-26
+205206-22	+210323-22	+241868-22	+106922-22
+216584-25	+263924-25	+263483-25	+261684-25
+205668-22	+210785-22	+242330-22	+107390-22
+718786-25	+789808-25	+788479-25	+783096-25
+207487-22	+212603-22	+244149-22	+109210-22
+254366-24	+261804-24	+261363-24	+259583-24
+212615-22	+217732-22	+249277-22	+114338-22
+767220-24	+774664-24	+773267-24	+768048-24
+229499-22	+234616-22	+266162-22	+131223-22
+246562-23	+246266-23	+245866-23	+244257-23

RG	FUNCTION 5		PHI +300000+14
+266144-22	+287201-22	+429890-22	+264367-22
+578803-26	+792749-26	+791434-26	+786034-26
+287431-22	+309622-22	+459741-22	+280628-22
+179410-25	+237601-25	+237206-25	+235686-25
+287823-22	+310017-22	+460162-22	+281025-22
+647671-25	+788991-25	+787668-25	+782275-25
+289194-22	+311389-22	+461535-22	+282414-22
+213840-24	+234934-24	+234535-24	+232921-24
+294520-22	+316715-22	+466861-22	+287743-22
+748206-24	+770255-24	+768933-24	+763601-24
+309003-22	+331198-22	+481344-22	+302226-22
+219661-23	+221828-23	+221441-23	+219882-23
+351430-22	+373625-22	+523771-22	+344653-22
+643912-23	+646001-23	+644818-23	+640060-23

RG	FUNCTION 5		PHI +100000+15
+314635-22	+396776-22	+969358-22	+811814-22
+192746-26	+263930-26	+263492-26	+261692-26
+334640-22	+421628-22	+102761-21	+859837-22
+595675-26	+788537-26	+787220-26	+781822-26
+335775-22	+422778-22	+102887-21	+861128-22
+213147-24	+259460-24	+259010-24	+257213-24
+340187-22	+427190-22	+103328-21	+865596-22
+691423-24	+769366-24	+768028-24	+752667-24
+356493-22	+443496-22	+104959-21	+881910-22
+232713-23	+239771-23	+239332-23	+237544-23
+395674-22	+482677-22	+108877-21	+921090-22
+624611-23	+631477-23	+630206-23	+625090-23
+474922-22	+561926-22	+116802-21	+100034-21
+141697-22	+142366-22	+141991-22	+140482-22

RG	FUNCTION 5		PHI +300000+15
+331608-22	+590815-22	+241225-21	+236121-21
+576094-26	+788641-26	+787226-26	+781827-26
+351626-22	+626205-22	+255461-21	+250042-21
+176552-24	+233476-24	+233081-24	+231462-24
+354792-22	+629422-22	+255817-21	+250415-21
+616337-24	+748691-24	+747370-24	+741987-24
+366766-22	+641397-22	+257016-21	+251626-21
+190606-23	+209068-23	+208662-23	+207058-23
+405395-22	+680026-22	+260879-21	+255491-21
+577739-23	+696766-23	+695469-23	+590233-23
+472385-22	+747017-22	+267578-21	+262190-21
+124763-22	+126638-22	+126273-22	+124804-22
+535656-22	+810287-22	+273905-21	+268517-21
+188027-22	+189835-22	+188854-22	+184907-22

RG	FUNCTION 5		PHI +100000+16
+338598-22	+121863-21	+741994-21	+777772-21
+189491-24	+269034-24	+268596-24	+266796-24
+359777-22	+129201-21	+785756-21	+823617-21
+664296-24	+743688-24	+742371-24	+736983-24
+368997-22	+130139-21	+786812-21	+824725-21
+181686-23	+219260-23	+218821-23	+217036-23
+397697-22	+133010-21	+789684-21	+827614-21
+484367-23	+631007-23	+629704-23	+624436-23
+458571-22	+139097-21	+795772-21	+833707-21
+109376-22	+114049-22	+113638-22	+111983-22
+505994-22	+143839-21	+800514-21	+838450-21
+166798-22	+161400-22	+160360-22	+156126-22
+552754-22	+148515-21	+805190-21	+843127-21
+203662-22	+204043-22	+206902-22	+197286-22

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

	FUNCTION		PHI
RG	6		+100000+13
+473336-10	+466068-10	+397382-10	+121940-10
+143556-11	+416013-16	+000000+00	+000000+00
+630676-10	+622104-10	+543261-10	+214430-10
+372928-11	+116690-15	+000000+00	+000000+00
+820214-10	+811472-10	+730213-10	+378757-10
+796929-11	+311736-15	+000000+00	+000000+00
+917575-10	+908686-10	+826114-10	+462473-10
+101372-10	+661646-15	+000000+00	+000000+00
+922929-10	+914032-10	+831392-10	+467116-10
+102718-10	+636609-15	+000000+00	+000000+00
+922935-10	+914039-10	+831398-10	+467122-10
+102721-10	+637313-15	+000000+00	+000000+00
+922936-10	+914039-10	+831398-10	+467122-10
+102721-10	+637313-15	+000000+00	+000000+00

	FUNCTION		PHI
RG	6		+100000+14
+377706-09	+372436-09	+319943-09	+110346-09
+143556-10	+416912-16	+000000+00	+000000+00
+475171-09	+469944-09	+417418-09	+195590-09
+372927-10	+116606-14	+000000+00	+000000+00
+663793-09	+658317-09	+603547-09	+359792-09
+796920-10	+311084-14	+000000+00	+000000+00
+761150-09	+755527-09	+699444-09	+443505-09
+101368-09	+649216-14	+000000+00	+000000+00
+766499-09	+760869-09	+704718-09	+448143-09
+102711-09	+633164-14	+000000+00	+000000+00
+766505-09	+760875-09	+704724-09	+448149-09
+102714-09	+633946-14	+000000+00	+000000+00
+766505-09	+760875-09	+704724-09	+448149-09
+102714-09	+633946-14	+000000+00	+000000+00

	FUNCTION		PHI
RG	6		+300000+14
+934260-09	+922601-09	+798801-09	+306928-09
+430663-10	+124706-14	+000000+00	+000000+00
+118851-08	+117778-08	+106033-08	+558034-09
+111877-09	+349258-14	+000000+00	+000000+00
+175424-08	+174276-08	+161861-08	+105062-08
+239070-09	+928923-14	+000000+00	+000000+00
+204628-08	+203437-08	+190628-08	+130173-08
+304075-09	+163231-13	+000000+00	+000000+00
+206230-08	+205036-08	+192207-08	+131562-08
+308084-09	+187748-13	+000000+00	+000000+00
+206232-08	+205038-08	+192209-08	+131564-08
+308094-09	+187977-13	+000000+00	+000000+00
+206232-08	+205038-08	+192209-08	+131564-08
+308094-09	+187977-13	+000000+00	+000000+00

	FUNCTION		PHI
RG	6		+100000+15
+270003-08	+266981-08	+232728-08	+972880-09
+143554-09	+414903-14	+000000+00	+000000+00
+351066-08	+348430-08	+316921-08	+180543-08
+372916-09	+115771-13	+000000+00	+000000+00
+539628-08	+536744-08	+503000-08	+344733-08
+796825-09	+304671-13	+000000+00	+000000+00
+636948-08	+633917-08	+598860-08	+428408-08
+101326-08	+526851-13	+000000+00	+000000+00
+642254-08	+639216-08	+604091-08	+433006-08
+102642-08	+601484-13	+000000+00	+000000+00
+642260-08	+639222-08	+604097-08	+433011-08
+102646-08	+602167-13	+000000+00	+000000+00
+642260-08	+639222-08	+604097-08	+433011-08
+102646-08	+602167-13	+000000+00	+000000+00

	FUNCTION		PHI
RG	6		+300000+15
+765712-08	+757573-08	+662316-08	+286494-08
+430652-09	+123802-13	+000000+00	+000000+00
+100601-07	+999086-08	+912549-08	+535905-08
+111868-08	+341841-13	+000000+00	+000000+00
+157165-07	+156399-07	+147075-07	+102844-07
+238987-08	+873388-13	+000000+00	+000000+00
+186339-07	+185529-07	+175811-07	+127924-07
+303729-08	+144772-12	+000000+00	+000000+00
+187908-07	+187095-07	+177357-07	+129282-07
+307538-08	+162442-12	+000000+00	+000000+00
+187910-07	+187097-07	+177359-07	+129283-07
+307544-08	+162598-12	+000000+00	+000000+00
+187910-07	+187097-07	+177359-07	+129283-07
+307544-08	+162598-12	+000000+00	+000000+00

	FUNCTION		PHI
RG	6		+100000+16
+249690-07	+247093-07	+216280-07	+948251-08
+143541-08	+406008-13	+000000+00	+000000+00
+329458-07	+327274-07	+299423-07	+177920-07
+372815-08	+107881-12	+000000+00	+000000+00
+517973-07	+515640-07	+485455-07	+342059-07
+796017-08	+260460-12	+193756-38	+000000+00
+615032-07	+612452-07	+581054-07	+425472-07
+101029-07	+370660-12	+286684-38	+000000+00
+620111-07	+617524-07	+586059-07	+429854-07
+102212-07	+402364-12	+311356-38	+000000+00
+620114-07	+617526-07	+586061-07	+429856-07
+102213-07	+402660-12	+311577-38	+000000+00
+620114-07	+617526-07	+586061-07	+429856-07
+102213-07	+402660-12	+311577-38	+000000+00

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

	FUNCTION		PHI
RG	7		+100000+13
+217013-10	+208073-10	+136465-10	+102388-11
+385656-20	+000000+00	+000000+00	+000000+00
+227267-10	+218080-10	+144512-10	+112327-11
+431171-20	+000000+00	+000000+00	+000000+00
+227341-10	+218153-10	+144572-10	+112410-11
+431611-20	+000000+00	+000000+00	+000000+00
+227341-10	+218153-10	+144572-10	+112410-11
+431611-20	+000000+00	+000000+00	+000000+00
+227341-10	+218153-10	+144572-10	+112410-11
+431611-20	+000000+00	+000000+00	+000000+00
+227341-10	+218153-10	+144572-10	+112410-11
+431611-20	+000000+00	+000000+00	+000000+00
+227341-10	+218153-10	+144572-10	+112410-11
+431611-20	+000000+00	+000000+00	+000000+00

	FUNCTION		PHI
RG	7		+100000+14
+212031-09	+203196-09	+132432-09	+963494-11
+361383-19	+000000+00	+000000+00	+000000+00
+219172-09	+210154-09	+137958-09	+102514-10
+376638-19	+000000+00	+000000+00	+000000+00
+219194-09	+210175-09	+137975-09	+102533-10
+376715-19	+000000+00	+000000+00	+000000+00
+219194-09	+210175-09	+137975-09	+102533-10
+376715-19	+000000+00	+000000+00	+000000+00
+219194-09	+210175-09	+137975-09	+102533-10
+376715-19	+000000+00	+000000+00	+000000+00
+219194-09	+210175-09	+137975-09	+102533-10
+376715-19	+000000+00	+000000+00	+000000+00
+219194-09	+210175-09	+137975-09	+102533-10
+376715-19	+000000+00	+000000+00	+000000+00

	FUNCTION		PHI
RG	7		+300000+14
+625731-09	+599441-09	+388907-09	+276492-10
+983089-19	+000000+00	+000000+00	+000000+00
+645166-09	+618372-09	+403876-09	+292576-10
+104222-18	+000000+00	+000000+00	+000000+00
+645224-09	+618428-09	+403921-09	+292626-10
+104241-18	+000000+00	+000000+00	+000000+00
+645224-09	+618428-09	+403921-09	+292626-10
+104241-18	+000000+00	+000000+00	+000000+00
+645224-09	+618428-09	+403921-09	+292626-10
+104241-18	+000000+00	+000000+00	+000000+00
+645224-09	+618428-09	+403921-09	+292626-10
+104241-18	+000000+00	+000000+00	+000000+00
+645224-09	+618428-09	+403921-09	+292626-10
+104241-18	+000000+00	+000000+00	+000000+00

	FUNCTION		PHI
RG	7		+100000+15
+206413-08	+197695-08	+127887-08	+895486-10
+312896-18	+000000+00	+000000+00	+000000+00
+212699-08	+203818-08	+132722-08	+946774-10
+331290-18	+000000+00	+000000+00	+000000+00
+212718-08	+203836-08	+132736-08	+946932-10
+331347-18	+000000+00	+000000+00	+000000+00
+212718-08	+203836-08	+132736-08	+946932-10
+331347-18	+000000+00	+000000+00	+000000+00
+212718-08	+203836-08	+132736-08	+946932-10
+331347-18	+000000+00	+000000+00	+000000+00
+212718-08	+203836-08	+132736-08	+946932-10
+331347-18	+000000+00	+000000+00	+000000+00
+212718-08	+203836-08	+132736-08	+946932-10
+331347-18	+000000+00	+000000+00	+000000+00

	FUNCTION		PHI
RG	7		+300000+15
+616872-08	+590776-08	+381780-08	+265849-09
+922860-18	+000000+00	+000000+00	+000000+00
+635581-08	+608996-08	+396161-08	+281052-09
+977008-18	+000000+00	+000000+00	+000000+00
+635636-08	+609050-08	+396204-08	+281099-09
+977175-18	+000000+00	+000000+00	+000000+00
+635636-08	+609050-08	+396204-08	+281099-09
+977175-18	+000000+00	+000000+00	+000000+00
+635636-08	+609050-08	+396204-08	+281099-09
+977175-18	+000000+00	+000000+00	+000000+00
+635636-08	+609050-08	+396204-08	+281099-09
+977175-18	+000000+00	+000000+00	+000000+00
+635636-08	+609050-08	+396204-08	+281099-09
+977175-18	+000000+00	+000000+00	+000000+00

	FUNCTION		PHI
RG	7		+100000+16
+205266-07	+196583-07	+127010-07	+882660-09
+305638-17	+000000+00	+000000+00	+000000+00
+211485-07	+202639-07	+131790-07	+933131-09
+323570-17	+000000+00	+000000+00	+000000+00
+211503-07	+202657-07	+131804-07	+933287-09
+323625-17	+000000+00	+000000+00	+000000+00
+211503-07	+202657-07	+131804-07	+933287-09
+323625-17	+000000+00	+000000+00	+000000+00
+211503-07	+202657-07	+131804-07	+933287-09
+323625-17	+000000+00	+000000+00	+000000+00
+211503-07	+202657-07	+131804-07	+933287-09
+323625-17	+000000+00	+000000+00	+000000+00

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

	FUNCTION		PHI
RG	8		+100000+13
+385909-11	+360439-11	+192833-11	+370398-14
+000000+00	+000000+00	+000000+00	+000000+00
+386280-11	+360785-11	+193018-11	+370754-14
+000000+00	+000000+00	+000000+00	+000000+00
+386280-11	+360785-11	+193018-11	+370754-14
+000000+00	+000000+00	+000000+00	+000000+00
+386280-11	+360785-11	+193018-11	+370754-14
+000000+00	+000000+00	+000000+00	+000000+00
+386280-11	+360785-11	+193018-11	+370754-14
+000000+00	+000000+00	+000000+00	+000000+00
+386280-11	+360785-11	+193018-11	+370754-14
+000000+00	+000000+00	+000000+00	+000000+00
+386280-11	+360785-11	+193018-11	+370754-14
+000000+00	+000000+00	+000000+00	+000000+00

	FUNCTION		PHI
RG	8		+100000+14
+385909-10	+360439-10	+192833-10	+370398-13
+000000+00	+000000+00	+000000+00	+000000+00
+386280-10	+360785-10	+193018-10	+370754-13
+000000+00	+000000+00	+000000+00	+000000+00
+386280-10	+360785-10	+193018-10	+370754-13
+000000+00	+000000+00	+000000+00	+000000+00
+386280-10	+360785-10	+193018-10	+370754-13
+000000+00	+000000+00	+000000+00	+000000+00
+386280-10	+360785-10	+193018-10	+370754-13
+000000+00	+000000+00	+000000+00	+000000+00
+386280-10	+360785-10	+193018-10	+370754-13
+000000+00	+000000+00	+000000+00	+000000+00
+386280-10	+360785-10	+193018-10	+370754-13
+000000+00	+000000+00	+000000+00	+000000+00

	FUNCTION		PHI
RG	8		+300000+14
+115773-09	+108132-09	+578498-10	+111119-12
+000000+00	+000000+00	+000000+00	+000000+00
+115884-09	+108236-09	+579053-10	+111226-12
+000000+00	+000000+00	+000000+00	+000000+00
+115884-09	+108236-09	+579053-10	+111226-12
+000000+00	+000000+00	+000000+00	+000000+00
+115884-09	+108236-09	+579053-10	+111226-12
+000000+00	+000000+00	+000000+00	+000000+00
+115884-09	+108236-09	+579053-10	+111226-12
+000000+00	+000000+00	+000000+00	+000000+00
+115884-09	+108236-09	+579053-10	+111226-12
+000000+00	+000000+00	+000000+00	+000000+00
+115884-09	+108236-09	+579053-10	+111226-12
+000000+00	+000000+00	+000000+00	+000000+00

	FUNCTION		PHI
RG	8		+100000+15
+385909-09	+360439-09	+192833-09	+370398-12
+000000+00	+000000+00	+000000+00	+000000+00
+386280-09	+360785-09	+193018-09	+370754-12
+000000+00	+000000+00	+000000+00	+000000+00
+386280-09	+360785-09	+193018-09	+370754-12
+000000+00	+000000+00	+000000+00	+000000+00
+386280-09	+360785-09	+193018-09	+370754-12
+000000+00	+000000+00	+000000+00	+000000+00
+386280-09	+360785-09	+193018-09	+370754-12
+000000+00	+000000+00	+000000+00	+000000+00
+386280-09	+360785-09	+193018-09	+370754-12
+000000+00	+000000+00	+000000+00	+000000+00
+386280-09	+360785-09	+193018-09	+370754-12
+000000+00	+000000+00	+000000+00	+000000+00

	FUNCTION		PHI
RG	8		+300000+15
+115773-08	+108132-08	+578498-09	+111119-11
+000000+00	+000000+00	+000000+00	+000000+00
+115884-08	+108236-08	+579053-09	+111226-11
+000000+00	+000000+00	+000000+00	+000000+00
+115884-08	+108236-08	+579053-09	+111226-11
+000000+00	+000000+00	+000000+00	+000000+00
+115884-08	+108236-08	+579053-09	+111226-11
+000000+00	+000000+00	+000000+00	+000000+00
+115884-08	+108236-08	+579053-09	+111226-11
+000000+00	+000000+00	+000000+00	+000000+00
+115884-08	+108236-08	+579053-09	+111226-11
+000000+00	+000000+00	+000000+00	+000000+00
+115884-08	+108236-08	+579053-09	+111226-11
+000000+00	+000000+00	+000000+00	+000000+00

	FUNCTION		PHI
RG	8		+100000+16
+385909-08	+360439-08	+192833-08	+370398-11
+263250-38	+000000+00	+000000+00	+000000+00
+386280-08	+360785-08	+193018-08	+370754-11
+253493-38	+000000+00	+000000+00	+000000+00
+386280-08	+360785-08	+193018-08	+370754-11
+253493-38	+000000+00	+000000+00	+000000+00
+386280-08	+360785-08	+193018-08	+370754-11
+253493-38	+000000+00	+000000+00	+000000+00
+386280-08	+360785-08	+193018-08	+370754-11
+253493-38	+000000+00	+000000+00	+000000+00
+386280-08	+360785-08	+193018-08	+370754-11
+253493-38	+000000+00	+000000+00	+000000+00
+386280-08	+360785-08	+193018-08	+370754-11
+253493-38	+000000+00	+000000+00	+000000+00

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

	FUNCTION		PHI
RG	9		+100000+13
+184938-10	+170335-10	+818667-11	+139943-13
+000000+00	+000000+00	+000000+00	+000000+00
+185078-10	+170465-10	+819366-11	+140077-13
+000000+00	+000000+00	+000000+00	+000000+00
+185078-10	+170465-10	+819366-11	+140077-13
+000000+00	+000000+00	+000000+00	+000000+00
+185078-10	+170465-10	+819366-11	+140077-13
+000000+00	+000000+00	+000000+00	+000000+00
+185078-10	+170465-10	+819366-11	+140077-13
+000000+00	+000000+00	+000000+00	+000000+00
+185078-10	+170465-10	+819366-11	+140077-13
+000000+00	+000000+00	+000000+00	+000000+00
+185078-10	+170465-10	+819366-11	+140077-13
+000000+00	+000000+00	+000000+00	+000000+00

	FUNCTION		PHI
RG	9		+100000+14
+184937-09	+170334-09	+818664-10	+139943-12
+000000+00	+000000+00	+000000+00	+000000+00
+185077-09	+170464-09	+819363-10	+140077-12
+000000+00	+000000+00	+000000+00	+000000+00
+185077-09	+170464-09	+819363-10	+140077-12
+000000+00	+000000+00	+000000+00	+000000+00
+185077-09	+170464-09	+819363-10	+140077-12
+000000+00	+000000+00	+000000+00	+000000+00
+185077-09	+170464-09	+819363-10	+140077-12
+000000+00	+000000+00	+000000+00	+000000+00
+185077-09	+170464-09	+819363-10	+140077-12
+000000+00	+000000+00	+000000+00	+000000+00
+185077-09	+170464-09	+819363-10	+140077-12
+000000+00	+000000+00	+000000+00	+000000+00

	FUNCTION		PHI
RG	9		+300000+14
+554803-09	+510994-09	+245598-09	+419829-12
+000000+00	+000000+00	+000000+00	+000000+00
+555223-09	+511386-09	+245807-09	+420232-12
+000000+00	+000000+00	+000000+00	+000000+00
+555223-09	+511386-09	+245807-09	+420232-12
+000000+00	+000000+00	+000000+00	+000000+00
+555223-09	+511386-09	+245807-09	+420232-12
+000000+00	+000000+00	+000000+00	+000000+00
+555223-09	+511386-09	+245807-09	+420232-12
+000000+00	+000000+00	+000000+00	+000000+00
+555223-09	+511386-09	+245807-09	+420232-12
+000000+00	+000000+00	+000000+00	+000000+00
+555223-09	+511386-09	+245807-09	+420232-12
+000000+00	+000000+00	+000000+00	+000000+00

	FUNCTION		PHI
RG	9		+100000+15
+184925-08	+170324-08	+818639-09	+139943-11
+000000+00	+000000+00	+000000+00	+000000+00
+185066-08	+170455-08	+819338-09	+140077-11
+000000+00	+000000+00	+000000+00	+000000+00
+185066-08	+170455-08	+819338-09	+140077-11
+000000+00	+000000+00	+000000+00	+000000+00
+185066-08	+170455-08	+819338-09	+140077-11
+000000+00	+000000+00	+000000+00	+000000+00
+185066-08	+170455-08	+819338-09	+140077-11
+000000+00	+000000+00	+000000+00	+000000+00
+185066-08	+170455-08	+819338-09	+140077-11
+000000+00	+000000+00	+000000+00	+000000+00
+185066-08	+170455-08	+819338-09	+140077-11
+000000+00	+000000+00	+000000+00	+000000+00

	FUNCTION		PHI
RG	9		+300000+15
+554702-08	+510907-08	+245575-08	+419829-11
+287017-38	+000000+00	+000000+00	+000000+00
+555122-08	+511299-08	+245784-08	+420232-11
+287292-38	+000000+00	+000000+00	+000000+00
+555122-08	+511299-08	+245784-08	+420232-11
+287292-38	+000000+00	+000000+00	+000000+00
+555122-08	+511299-08	+245784-08	+420232-11
+287292-38	+000000+00	+000000+00	+000000+00
+555122-08	+511299-08	+245784-08	+420232-11
+287292-38	+000000+00	+000000+00	+000000+00
+555122-08	+511299-08	+245784-08	+420232-11
+287292-38	+000000+00	+000000+00	+000000+00
+555122-08	+511299-08	+245784-08	+420232-11
+287292-38	+000000+00	+000000+00	+000000+00

	FUNCTION		PHI
RG	9		+100000+16
+184814-07	+170228-07	+818385-08	+139943-10
+956723-38	+000000+00	+000000+00	+000000+00
+184954-07	+170368-07	+819084-08	+140077-10
+957641-38	+000000+00	+000000+00	+000000+00
+184954-07	+170368-07	+819084-08	+140077-10
+957641-38	+000000+00	+000000+00	+000000+00
+184954-07	+170368-07	+819084-08	+140077-10
+957641-38	+000000+00	+000000+00	+000000+00
+184954-07	+170368-07	+819084-08	+140077-10
+957641-38	+000000+00	+000000+00	+000000+00
+184954-07	+170368-07	+819084-08	+140077-10
+957641-38	+000000+00	+000000+00	+000000+00
+184954-07	+170368-07	+819084-08	+140077-10
+957641-38	+000000+00	+000000+00	+000000+00

SECTION IV

PROPERTIES OF FISSION-PRODUCT RARE EARTHS AND YTTRIUM

Atomic concentration, number of fission-product atoms per initial atom of U^{235}

RE	FUNCTION 1			PHI +100000+13
+303092-04	+303553-04	+304490-04	+300478-04	
+313814-04	+329006-04	+326760-04	+326746-04	
+905611-04	+906099-04	+907292-04	+906339-04	
+944646-04	+986949-04	+980260-04	+980237-04	
+306489-03	+306548-03	+306760-03	+307561-03	
+317975-03	+328907-03	+326749-03	+326744-03	
+948646-03	+948718-03	+949045-03	+950962-03	
+969449-03	+986094-03	+980236-03	+980222-03	
+325147-02	+325155-02	+325190-02	+325406-02	
+327388-02	+328122-02	+326736-02	+326731-02	
+980398-02	+980406-02	+980439-02	+980637-02	
+982443-02	+982109-02	+980163-02	+980150-02	
+326728-01	+326729-01	+326732-01	+326752-01	
+326930-01	+326886-01	+326686-01	+326682-01	

RE	FUNCTION 1			PHI +100000+14
+303092-03	+303553-03	+304490-03	+300478-03	
+313813-03	+329004-03	+326749-03	+326745-03	
+905609-03	+906097-03	+907290-03	+906337-03	
+944642-03	+986936-03	+980234-03	+980221-03	
+306486-02	+306545-02	+306757-02	+307558-02	
+317969-02	+328892-02	+326731-02	+326726-02	
+948602-02	+948674-02	+949001-02	+950916-02	
+969390-02	+986962-02	+980082-02	+980069-02	
+325071-01	+325078-01	+325114-01	+325329-01	
+327303-01	+327996-01	+326595-01	+326591-01	
+979627-01	+979634-01	+979668-01	+979864-01	
+981663-01	+981231-01	+979253-01	+979241-01	
+326004+00	+326005+00	+326008+00	+326028+00	
+326206+00	+326161+00	+325948+00	+325944+00	

RE	FUNCTION 1			PHI +300000+14
+909275-03	+910658-03	+913469-03	+901433-03	
+941438-03	+987002-03	+980236-03	+980222-03	
+271681-02	+271828-02	+272186-02	+271900-02	
+283390-02	+296072-02	+294069-02	+294056-02	
+919435-02	+919612-02	+920247-02	+922649-02	
+953872-02	+986678-02	+980071-02	+980058-02	
+284548-01	+284570-01	+284668-01	+285242-01	
+290775-01	+295701-01	+293920-01	+293916-01	
+974644-01	+974666-01	+974771-01	+975412-01	
+981281-01	+983091-01	+978791-01	+978778-01	
+293321+00	+293323+00	+293333+00	+293390+00	
+293316+00	+293732+00	+293118+00	+293114+00	
+972740+00	+972742+00	+972752+00	+972809+00	
+973327+00	+973106+00	+972474+00	+972462+00	

RE	FUNCTION 1			PHI +100000+15
+303091-02	+303551-02	+304488-02	+300476-02	
+313810-02	+328990-02	+326732-02	+326727-02	
+905588-02	+906076-02	+907268-02	+906314-02	
+944602-02	+986806-02	+980072-02	+980060-02	
+306448-01	+306507-01	+306719-01	+307518-01	
+317911-01	+328741-01	+326546-01	+326542-01	
+948062-01	+948133-01	+948459-01	+950360-01	
+968700-01	+984690-01	+978460-01	+978447-01	
+324166+00	+324173+00	+324208+00	+324415+00	
+326312+00	+326611+00	+325068+00	+325064+00	
+970868+00	+970875+00	+970906+00	+971085+00	
+972714+00	+971479+00	+969209+00	+969196+00	
+318345+01	+318345+01	+318349+01	+318366+01	
+318626+01	+318386+01	+318152+01	+318147+01	

RE	FUNCTION 1			PHI +300000+15
+909260-02	+910643-02	+913463-02	+901416-02	
+941403-02	+986878-02	+980079-02	+980066-02	
+271660-01	+271806-01	+272164-01	+271876-01	
+283361-01	+296963-01	+293912-01	+293908-01	
+919036-01	+919213-01	+919846-01	+922231-01	
+953293-01	+986170-01	+978366-01	+978362-01	
+284009+00	+284030+00	+284127+00	+284688+00	
+290104+00	+294430+00	+292433+00	+292429+00	
+966228+00	+966250+00	+966348+00	+966919+00	
+972161+00	+970682+00	+966206+00	+966191+00	
+285814+01	+285816+01	+285825+01	+285869+01	
+286271+01	+284669+01	+284619+01	+284615+01	
+912009+01	+912011+01	+912019+01	+912060+01	
+912446+01	+911670+01	+910703+01	+910689+01	

RE	FUNCTION 1			PHI +100000+16
+303070-01	+303531-01	+304468-01	+300454-01	
+313768-01	+328860-01	+326566-01	+326552-01	
+905296-01	+905783-01	+906974-01	+906001-01	
+944119-01	+986442-01	+978392-01	+978379-01	
+305941+00	+306000+00	+306210+00	+306990+00	
+317211+00	+327149+00	+324634+00	+324630+00	
+941726+00	+941796+00	+942109+00	+943882+00	
+961042+00	+970860+00	+962538+00	+962524+00	
+315598+01	+315605+01	+315634+01	+315781+01	
+317130+01	+314609+01	+312065+01	+312050+01	
+903914+01	+903920+01	+903942+01	+904023+01	
+904766+01	+898995+01	+895099+01	+895083+01	
+263311+02	+263312+02	+263314+02	+263320+02	
+263387+02	+262786+02	+262385+02	+262380+02	

Activity, curies per initial atom of U^{235}

RE	FUNCTION 2		PHI +100000+13	
	+101831-19	+746185-20	+381652-20	+662915-21
	+122294-21	+984777-23	+653992-24	+346621-25
	+111951-19	+846568-20	+475358-20	+126900-20
	+347562-21	+291798-22	+166881-23	+103976-24
	+124275-19	+969629-20	+596973-20	+236657-20
	+981147-21	+933162-22	+549265-23	+346451-24
	+140299-19	+112981-19	+756474-20	+389603-20
	+202086-20	+252002-21	+161701-22	+103813-23
	+155212-19	+127890-19	+905206-20	+534795-20
	+318682-20	+640207-21	+505633-22	+344597-23
	+165141-19	+137818-19	+100442-19	+633363-20
	+411373-20	+123809-20	+128538-21	+102162-22
	+174389-19	+147066-19	+109688-19	+725583-20
	+501416-20	+196446-20	+280608-21	+327925-22

RE	FUNCTION 2		PHI +100000+14	
	+101831-18	+746185-19	+381652-19	+662917-20
	+122296-20	+984774-22	+653982-23	+346621-24
	+111951-18	+846570-19	+475360-19	+126902-19
	+347569-20	+291796-21	+166870-22	+103959-23
	+124275-18	+969648-19	+596992-19	+236674-19
	+981226-20	+933131-21	+549117-22	+346036-23
	+140311-18	+112993-18	+756589-19	+389706-19
	+202132-19	+251972-20	+161661-21	+103373-22
	+155258-18	+127936-18	+905660-19	+535197-19
	+318842-19	+639921-20	+504330-21	+340583-22
	+165229-18	+137906-18	+100528-18	+634087-19
	+411610-19	+123657-19	+127846-20	+100268-21
	+174548-18	+147226-18	+109842-18	+726745-19
	+501159-19	+196793-19	+277537-20	+323260-21

RE	FUNCTION 2		PHI +300000+14	
	+305492-18	+223856-18	+114496-18	+198877-19
	+366892-20	+295431-21	+166189-22	+103987-23
	+335855-18	+253973-18	+142609-18	+380718-19
	+104276-19	+876373-21	+497542-22	+311771-23
	+372838-18	+290906-18	+179109-18	+710123-19
	+294413-19	+279921-20	+164650-21	+103570-22
	+420993-18	+339038-18	+227037-18	+116965-18
	+606618-19	+756777-20	+484045-21	+308210-22
	+465961-18	+383994-18	+271880-18	+160713-18
	+956929-19	+191891-19	+150954-20	+101556-21
	+496134-18	+414164-18	+302021-18	+190582-18
	+123496-18	+370871-19	+382010-20	+302042-21
	+524598-18	+442624-18	+330450-18	+218732-18
	+150249-18	+584556-19	+820716-20	+979843-21

RE	FUNCTION 2		PHI +100000+15	
	+101831-17	+746188-18	+381655-18	+662938-19
	+122304-19	+984762-21	+653895-22	+346627-23
	+111953-17	+846590-18	+475380-18	+126919-18
	+347638-19	+291776-20	+166779-21	+103817-22
	+124290-17	+969798-18	+597139-18	+236800-18
	+981746-19	+932927-20	+548181-21	+343461-22
	+140377-17	+113059-17	+757242-18	+390264-18
	+202323-18	+251867-19	+161093-20	+102308-21
	+155492-17	+128170-17	+907949-18	+537096-18
	+319239-18	+639234-19	+502096-20	+343812-21
	+165848-17	+138523-17	+101133-17	+639022-18
	+412133-18	+123169-18	+126997-19	+103966-20
	+175646-17	+148319-17	+110908-17	+734938-18
	+499716-18	+192077-18	+261742-19	+337903-20

RE	FUNCTION 2		PHI +300000+15	
	+305494-17	+223858-17	+114498-17	+198894-18
	+366961-19	+295413-20	+166120-21	+104000-22
	+335870-17	+253988-17	+142625-17	+380845-18
	+104324-18	+876231-20	+496954-21	+310942-22
	+372934-17	+291002-17	+179204-17	+710902-18
	+294664-18	+279836-19	+164315-20	+102884-21
	+421426-17	+339470-17	+227460-17	+117312-17
	+607437-18	+756436-19	+483426-20	+312750-21
	+467798-17	+385828-17	+273678-17	+162199-17
	+959749-18	+191508-18	+150008-19	+108835-20
	+500546-17	+418566-17	+306337-17	+194130-17
	+123948-17	+366790-18	+367846-19	+335766-20
	+529873-17	+447885-17	+335578-17	+222670-17
	+149172-17	+661326-18	+723804-19	+109614-19

RE	FUNCTION 2		PHI +100000+16	
	+101833-16	+746209-17	+381675-17	+663104-18
	+122361-18	+984610-20	+653400-21	+347038-22
	+111966-16	+846717-17	+475503-17	+127016-17
	+347906-18	+291711-19	+166679-20	+103984-21
	+124366-16	+970548-17	+597871-17	+237370-17
	+982836-18	+932802-19	+548862-20	+351646-21
	+140774-16	+113455-16	+761116-17	+393410-17
	+202926-17	+261732-18	+161599-19	+112176-20
	+157075-16	+129749-16	+923456-17	+550045-17
	+321779-17	+636608-18	+492221-19	+412892-20
	+168417-16	+141087-16	+103650-16	+659963-17
	+414656-17	+120263-17	+116043-18	+129460-19
	+177304-16	+149972-16	+112516-16	+746933-17
	+493708-17	+181728-17	+221220-18	+415183-19

Gamma power, watts per initial atom of U^{235}

FUNCTION PHI

RE 3 +100000+13

+232201-22	+178982-22	+639206-23	+173654-23
+493358-24	+424700-26	+128972-27	+165119-30
+259477-22	+206073-22	+894877-23	+353842-23
+139326-23	+123490-25	+385864-27	+496242-30
+304791-22	+251362-22	+134447-22	+775238-23
+379604-23	+372363-25	+127390-26	+164973-29
+363286-22	+309811-22	+192583-22	+132531-22
+696866-23	+893624-25	+371903-26	+494588-29
+388683-22	+335193-22	+217836-22	+156521-22
+842437-23	+197621-24	+112926-25	+164819-28
+391753-22	+338263-22	+220902-22	+159552-22
+869858-23	+374323-24	+264002-25	+498687-28
+394526-22	+341036-22	+223672-22	+162305-22
+896163-23	+676641-24	+442368-25	+183318-27

FUNCTION PHI

RE 3 +100000+14

+232201-21	+178982-21	+639207-22	+173655-22
+493364-23	+424692-25	+128929-26	+165057-29
+259478-21	+206074-21	+894887-22	+353851-22
+139331-22	+123483-24	+385465-26	+494163-29
+304802-21	+251362-21	+134457-21	+775334-22
+379659-22	+372269-24	+126977-25	+163970-28
+363353-21	+309877-21	+192649-21	+132592-21
+697202-22	+892760-24	+368647-25	+495805-28
+388944-21	+336453-21	+218094-21	+156760-21
+843622-22	+196913-23	+110517-24	+185403-27
+392209-21	+338717-21	+221351-21	+159954-21
+871377-22	+371440-23	+265816-24	+873381-27
+395348-21	+341856-21	+224482-21	+163008-21
+898015-22	+671192-23	+438722-24	+607239-26

FUNCTION PHI

RE 3 +300000+14

+696604-21	+536946-21	+191763-21	+520973-22
+148013-22	+127402-24	+386506-26	+494765-29
+778439-21	+618228-21	+268473-21	+106161-21
+418029-22	+370400-24	+115390-25	+147590-28
+914465-21	+754146-21	+403432-21	+232656-21
+113930-21	+111631-23	+378634-25	+488968-28
+109038-20	+929953-21	+578267-21	+398073-21
+209314-21	+267469-23	+109142-24	+159474-27
+116766-20	+100719-20	+656103-21	+471012-21
+253358-21	+589116-23	+326845-24	+862379-27
+117845-20	+101797-20	+665847-21	+481415-21
+261806-21	+111263-22	+768204-24	+525213-26
+119056-20	+103008-20	+677888-21	+492859-21
+270366-21	+171366-22	+133128-23	+250295-26

FUNCTION PHI

RE 3 +100000+15

+232202-20	+178983-20	+639218-21	+173666-21
+493423-22	+424616-24	+128519-25	+164482-28
+259487-20	+206083-20	+894977-21	+353935-21
+139380-21	+123418-23	+382065-25	+486261-28
+304872-20	+251433-20	+134528-20	+775991-21
+380023-21	+371712-23	+124306-24	+169781-27
+363656-20	+310180-20	+192950-20	+132867-20
+698459-21	+889980-23	+358093-24	+807378-27
+389876-20	+336384-20	+219012-20	+157562-20
+845966-21	+196164-22	+109008-23	+609824-26
+394734-20	+341238-20	+223836-20	+162103-20
+876761-21	+370867-22	+267738-23	+254358-25
+400935-20	+347434-20	+229978-20	+167761-20
+909791-21	+669462-22	+429872-23	+464335-25

FUNCTION PHI

RE 3 +300000+15

+696613-20	+536955-20	+191772-20	+521057-21
+148062-21	+127341-23	+383168-25	+490455-28
+778503-20	+618292-20	+268536-20	+106220-20
+418363-21	+369960-23	+113076-24	+145060-27
+914831-20	+754511-20	+403794-20	+232990-20
+114097-20	+111388-22	+367369-24	+687846-27
+109195-19	+931522-20	+579816-20	+399442-20
+209776-20	+266833-22	+107316-23	+478078-26
+117470-19	+101422-19	+662028-20	+477008-20
+254868-20	+588485-22	+328476-23	+252318-25
+119722-19	+103671-19	+684318-20	+497520-20
+266810-20	+111118-21	+761813-23	+461264-25
+122126-19	+106073-19	+708107-20	+519107-20
+276944-20	+170463-21	+126718-22	+483745-25

FUNCTION PHI

RE 3 +100000+16

+232210-19	+178991-19	+639294-20	+173736-20
+493820-21	+424114-23	+128804-24	+162381-27
+259524-19	+206121-19	+895351-20	+354277-20
+139569-20	+123189-22	+370246-24	+662560-27
+305062-19	+251622-19	+134715-19	+777652-20
+380634-20	+371136-22	+122129-23	+452566-26
+364966-19	+311488-19	+194239-19	+133985-19
+701356-20	+889469-22	+369373-23	+239606-26
+396243-19	+342741-19	+225279-19	+163002-19
+859646-20	+196994-21	+108098-22	+470653-26
+406676-19	+353162-19	+235595-19	+172337-19
+902700-20	+369952-21	+260188-22	+486959-26
+411787-19	+358269-19	+240667-19	+177089-19
+933588-20	+667666-21	+415063-22	+486964-26

Total power, watts per initial atom of U^{235}

RE	FUNCTION ϕ		PHI + 100000 + 13
+790377-22	+573797-22	+239607-22	+365939-23
+757151-24	+296661-26	+163117-26	+143737-27
+844784-22	+627699-22	+289430-22	+680031-23
+214342-23	+875376-26	+468369-26	+431181-27
+916444-22	+699287-22	+360386-22	+133638-22
+591593-23	+279462-24	+161637-26	+143692-26
+100962-21	+792408-22	+453039-22	+221758-22
+113624-22	+766168-24	+446299-26	+430767-26
+106929-21	+852055-22	+512481-22	+279200-22
+156604-22	+196200-23	+138076-24	+143217-25
+110009-21	+882860-22	+543267-22	+309792-22
+184449-22	+386121-23	+343693-24	+426348-25
+112852-21	+911280-22	+571677-22	+338114-22
+211992-22	+602806-23	+723772-24	+138308-24

RE	FUNCTION ϕ		PHI + 100000 + 14
+790377-21	+573797-21	+239607-21	+365939-22
+757160-23	+296660-24	+163114-26	+143743-26
+844786-21	+627701-21	+289431-21	+680045-22
+214350-22	+875371-24	+468329-26	+431235-26
+916459-21	+699302-21	+360401-21	+133652-21
+591670-22	+279446-23	+161606-24	+143747-25
+100972-20	+792510-21	+453140-21	+221850-21
+113672-21	+766101-23	+446038-24	+431223-25
+106971-20	+852474-21	+512895-21	+279579-21
+155781-21	+196132-22	+137884-23	+143612-24
+110093-20	+883691-21	+544087-21	+310520-21
+184706-21	+384829-22	+343092-23	+428662-24
+113020-20	+912957-21	+573329-21	+339539-21
+212368-21	+602281-22	+723936-23	+139468-23

RE	FUNCTION ϕ		PHI + 300000 + 14
+237113-20	+172139-20	+718823-21	+109783-21
+227164-22	+886977-24	+459320-25	+431271-26
+253437-20	+188311-20	+868303-21	+204022-21
+643099-22	+262608-23	+137479-24	+129407-25
+274947-20	+209800-20	+108129-20	+401040-21
+177546-21	+838298-23	+464633-24	+431622-25
+302967-20	+237804-20	+135992-20	+666014-21
+340941-21	+226602-22	+133417-23	+129694-24
+321067-20	+255897-20	+154022-20	+840087-21
+467802-21	+685268-22	+413629-23	+433883-24
+330658-20	+265487-20	+163600-20	+934783-21
+564924-21	+116443-21	+103134-22	+130197-23
+340009-20	+274836-20	+172932-20	+102662-20
+638994-21	+180661-21	+217746-22	+424111-23

RE	FUNCTION ϕ		PHI + 100000 + 15
+790379-20	+573799-20	+239609-20	+365954-21
+757241-22	+296666-23	+163082-24	+143806-25
+844799-20	+627714-20	+289444-20	+680167-21
+214417-21	+875326-23	+468075-24	+431782-25
+916568-20	+699411-20	+360510-20	+133752-20
+592185-21	+279406-22	+161435-23	+144341-24
+101024-19	+793029-20	+453654-20	+222312-20
+113765-20	+764923-22	+444869-23	+436492-24
+107168-19	+854349-20	+514744-20	+281183-20
+156227-20	+196118-21	+138449-22	+148201-23
+110622-19	+888978-20	+549235-20	+315007-20
+185818-20	+384346-21	+346104-22	+449693-23
+114200-19	+924744-20	+584937-20	+349519-20
+214744-20	+601834-21	+728740-22	+146221-22

RE	FUNCTION ϕ		PHI + 300000 + 15
+237115-19	+172141-19	+718837-20	+109795-20
+227220-21	+886935-23	+469073-24	+431836-25
+253446-19	+188321-19	+868398-20	+204110-20
+643564-21	+262679-22	+137332-23	+129909-24
+275008-19	+209861-19	+108190-19	+401583-20
+177792-20	+838187-22	+464626-23	+437294-24
+303275-19	+238111-19	+136296-19	+668656-20
+341762-20	+226624-21	+134083-22	+134640-23
+322538-19	+257366-19	+155469-19	+852565-20
+470918-20	+686736-21	+419864-22	+470603-23
+334600-19	+269423-19	+167478-19	+968266-20
+663242-20	+116660-20	+106210-21	+145248-22
+346561-19	+281377-19	+179378-19	+108227-19
+662624-20	+180662-20	+222160-21	+473715-22

RE	FUNCTION ϕ		PHI + 100000 + 16
+790391-19	+573810-19	+239621-19	+366059-20
+757789-21	+296626-22	+162917-23	+144437-24
+844862-19	+627776-19	+289506-19	+680712-20
+214671-20	+875244-22	+467962-23	+437541-24
+916950-19	+699792-19	+360884-19	+134074-19
+593202-20	+279479-21	+162409-22	+150718-23
+101300-18	+795789-19	+456372-19	+224650-19
+114361-19	+766740-21	+463726-22	+484342-23
+108490-18	+867639-19	+527841-19	+292514-19
+159066-19	+196638-20	+143481-21	+178623-22
+113133-18	+914044-19	+574004-19	+336438-19
+191222-19	+386777-20	+360983-21	+669874-22
+116617-18	+948873-19	+608717-19	+370088-19
+219875-19	+603723-20	+771067-21	+179614-21

Poisoning, cm^2 per initial atom of U^{235}

FUNCTION PHI

RE 5 +100000+13

+658747-26	+671707-26	+788482-26	+179415-25
+419048-26	+436450-26	+442043-26	+442471-25
+499236-25	+502086-25	+527479-25	+741876-25
+126372-24	+130715-24	+132388-24	+132514-24
+307536-24	+307952-24	+311651-24	+342853-24
+421101-24	+430622-24	+436132-24	+436537-24
+110045-23	+110088-23	+110473-23	+113721-23
+122102-23	+123742-23	+126344-23	+125452-23
+340481-23	+340525-23	+340912-23	+344186-23
+352783-23	+355270-23	+360087-23	+360302-23
+723470-23	+723514-23	+723902-23	+727190-23
+735919-23	+739603-23	+750640-23	+750386-23
+111090-22	+111095-22	+111134-22	+111464-22
+112360-22	+112842-22	+114567-22	+114099-22

FUNCTION PHI

RE 5 +100000+14

+649916-25	+662876-25	+779651-25	+178532-24
+418164-24	+436659-24	+441116-24	+441530-24
+477506-24	+480355-24	+505748-24	+720145-24
+124198-23	+128536-23	+130175-23	+130291-23
+261309-23	+261726-23	+265425-23	+296626-23
+374868-23	+384324-23	+389484-23	+389801-23
+676573-23	+677005-23	+680849-23	+713325-23
+797088-23	+812974-23	+826187-23	+826703-23
+108821-22	+108864-22	+109251-22	+112521-22
+121076-22	+123174-22	+125862-22	+125736-22
+146030-22	+146074-22	+146461-22	+149732-22
+158302-22	+160486-22	+163309-22	+162384-22
+236220-22	+236264-22	+236650-22	+239921-22
+248468-22	+260434-22	+261567-22	+248479-22

FUNCTION PHI

RE 5 +300000+14

+189353-24	+193241-24	+228274-24	+529973-24
+124887-23	+130101-23	+131744-23	+131858-23
+130515-23	+131370-23	+138988-23	+203307-23
+359853-23	+372828-23	+377536-23	+377811-23
+575665-23	+576914-23	+588011-23	+681611-23
+916296-23	+944294-23	+957724-23	+958174-23
+101705-22	+101834-22	+102987-22	+112728-22
+137832-22	+142366-22	+145046-22	+144965-22
+141830-22	+141960-22	+143119-22	+152921-22
+178490-22	+183873-22	+186924-22	+185973-22
+221527-22	+221658-22	+222817-22	+232619-22
+258188-22	+263417-22	+266645-22	+261286-22
+431612-22	+431742-22	+432901-22	+442701-22
+468214-22	+472812-22	+469158-22	+459303-22

FUNCTION PHI

RE 5 +100000+15

+573680-24	+586640-24	+703414-24	+170907-23
+410633-23	+427866-23	+433076-23	+433349-23
+329191-23	+332041-23	+357433-23	+571826-23
+109361-22	+113646-22	+114998-22	+115017-22
+938776-23	+942938-23	+979926-23	+129190-22
+207388-22	+216426-22	+219271-22	+219053-22
+130534-22	+130967-22	+134809-22	+167267-22
+260839-22	+264859-22	+268081-22	+266958-22
+221066-22	+221490-22	+225353-22	+258010-22
+343074-22	+369343-22	+360362-22	+356161-22
+426497-22	+426932-22	+430726-22	+463465-22
+648644-22	+664334-22	+669661-22	+647366-22
+786764-22	+787199-22	+791064-22	+823739-22
+908716-22	+923036-22	+906611-22	+880829-22

FUNCTION PHI

RE 5 +300000+15

+136667-23	+140555-23	+176587-23	+477282-23
+119612-22	+124776-22	+126136-22	+126136-22
+569543-23	+578093-23	+654268-23	+129743-22
+286253-22	+298872-22	+301607-22	+301247-22
+116282-22	+117531-22	+128626-22	+222211-22
+456708-22	+482862-22	+486072-22	+484452-22
+179419-22	+180715-22	+192241-22	+289611-22
+540193-22	+580899-22	+582377-22	+578022-22
+501176-22	+502480-22	+514070-22	+512061-22
+767163-22	+814503-22	+809723-22	+796146-22
+757752-22	+759056-22	+760654-22	+858709-22
+111397-21	+116061-21	+114302-21	+111308-21
+124699-21	+124829-21	+125989-21	+135797-21
+161318-21	+166823-21	+162669-21	+157841-21

FUNCTION PHI

RE 5 +100000+16

+265234-23	+278194-23	+394965-23	+140059-22
+379644-22	+396662-22	+399466-22	+398826-22
+783780-23	+812279-23	+106619-22	+321000-22
+842600-22	+883692-22	+886788-22	+883933-22
+151153-22	+155315-22	+192303-22	+504270-22
+128682-21	+137123-21	+137244-21	+136578-21
+321408-22	+325732-22	+364161-22	+688821-22
+162414-21	+166803-21	+166346-21	+163762-21
+749638-22	+753987-22	+792643-22	+111947-21
+197011-21	+212676-21	+210716-21	+206989-21
+122452-21	+122887-21	+126754-21	+159454-21
+246697-21	+260407-21	+257140-21	+261161-21
+217332-21	+217768-21	+221636-21	+254340-21
+339624-21	+366690-21	+363111-21	+346477-21

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy $\leq$ 0.25 Mev

RE	FUNCTION 6		PHI +100000+13
+227153-10	+128063-10	+471114-11	+323584-11
+841118-12	+862868-13	+328057-14	+542235-16
+282194-10	+182906-10	+100217-10	+722834-11
+241172-11	+251951-12	+981504-14	+162556-15
+364786-10	+265389-10	+181748-10	+146044-10
+700048-11	+797406-12	+324074-13	+539799-15
+483022-10	+383580-10	+299530-10	+259864-10
+163221-10	+209597-11	+946322-13	+160004-14
+615119-10	+515645-10	+431306-10	+388810-10
+258284-10	+503863-11	+287566-12	+511306-14
+691782-10	+592301-10	+507903-10	+464823-10
+329093-10	+967226-11	+675613-12	+136406-13
+759064-10	+659581-10	+575160-10	+531857-10
+394368-10	+146684-10	+113180-11	+313352-13

RE	FUNCTION 6		PHI +100000+14
+227153-09	+128063-09	+471118-10	+323586-10
+841116-11	+862843-12	+327973-13	+541679-15
+282197-09	+182908-09	+100220-09	+722852-10
+241170-10	+251927-11	+980660-13	+161407-14
+364801-09	+265404-09	+181763-09	+146053-09
+700022-10	+797137-11	+323066-12	+518598-14
+483063-09	+383621-09	+299569-09	+259883-09
+153198-09	+209377-10	+937632-12	+138847-13
+615158-09	+515682-09	+431336-09	+388771-09
+258097-09	+502137-10	+280566-11	+320917-13
+691706-09	+592223-09	+507800-09	+464514-09
+328342-09	+960312-10	+644233-11	+446375-13
+759624-09	+660132-09	+575631-09	+531677-09
+392768-09	+146200-09	+106280-10	+468824-13

RE	FUNCTION 6		PHI +300000+14
+681462-09	+384193-09	+141338-09	+970776-10
+252333-10	+255836-11	+983368-13	+162136-14
+846609-09	+548744-09	+300676-09	+216867-09
+723496-10	+755628-11	+293656-12	+476771-14
+109451-08	+796316-09	+545386-09	+438221-09
+209991-09	+238984-10	+963176-12	+142812-13
+144951-08	+115118-08	+899011-09	+779826-09
+459488-09	+627112-10	+277233-11	+313409-13
+184653-08	+154810-08	+129500-08	+116686-08
+773862-09	+160230-09	+824581-11	+462066-13
+207878-08	+178031-08	+152689-08	+139574-08
+984416-09	+284475-09	+190606-10	+475040-13
+229003-08	+199150-08	+173757-08	+160220-08
+117781-08	+434967-09	+316104-10	+475050-13

RE	FUNCTION 6		PHI +100000+15
+227157-08	+128067-08	+471157-09	+323612-09
+841096-10	+862601-11	+327172-12	+536275-14
+282225-08	+182936-08	+100246-08	+723030-09
+241162-09	+251718-10	+973224-12	+160946-13
+364962-08	+265564-08	+181916-08	+146153-08
+699853-09	+795361-10	+316174-11	+365623-13
+483618-08	+384173-08	+300098-08	+260221-08
+153119-08	+208670-09	+905020-11	+515069-13
+617077-08	+517593-08	+433168-08	+389965-08
+257897-08	+499998-09	+271603-10	+529957-13
+697004-08	+597497-08	+512872-08	+467924-08
+328121-08	+947463-09	+632002-10	+529960-13
+770608-08	+671070-08	+586161-08	+538852-08
+392637-08	+144910-08	+105033-09	+529960-13

RE	FUNCTION 6		PHI +300000+15
+681498-08	+384229-08	+141373-08	+971010-09
+252318-09	+255639-10	+976807-12	+157580-13
+846866-08	+549000-08	+300922-08	+217032-08
+723381-09	+754187-10	+288491-11	+399369-13
+109602-07	+797824-08	+546837-08	+439196-08
+209929-08	+238182-09	+931595-11	+661009-13
+145483-07	+115648-07	+904105-08	+783277-08
+459361-08	+626039-09	+268680-10	+686294-13
+186282-07	+156432-07	+131063-07	+117756-07
+773807-08	+149930-08	+811889-10	+686313-13
+211105-07	+181245-07	+155785-07	+141704-07
+984620-08	+284170-08	+189309-09	+686313-13
+232307-07	+202441-07	+176928-07	+162402-07
+117802-07	+434662-08	+314807-09	+686313-13

RE	FUNCTION 6		PHI +100000+16
+227198-07	+128108-07	+471549-08	+323878-08
+840987-09	+860992-10	+321787-11	+495404-13
+282516-07	+183226-07	+100525-07	+724933-08
+241116-08	+260961-09	+946100-11	+102123-12
+366638-07	+267234-07	+183524-07	+147257-07
+699892-08	+793164-09	+307266-10	+123165-12
+488864-07	+389398-07	+305132-07	+263692-07
+163173-07	+208266-08	+892176-10	+123336-12
+628260-07	+528730-07	+443901-07	+397375-07
+268048-07	+499687-08	+270287-09	+123336-12
+708119-07	+608567-07	+523539-07	+475289-07
+328271-07	+947162-08	+630686-09	+123336-12
+774545-07	+674990-07	+589938-07	+541460-07
+392668-07	+144879-07	+104901-08	+123336-12

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 0.26 to 1.00 Mev

FUNCTION			PHI
RE	7		+100000+13
+134445-09	+119994-09	+638296-10	+180254-10
+130616-11	+686015-14	+246884-15	+749346-22
+160756-09	+146076-09	+879918-10	+314203-10
+360849-11	+198236-13	+738619-15	+168302-20
+179313-09	+164586-09	+106074-09	+461746-10
+950507-11	+589672-13	+243858-14	+379797-19
+193706-09	+178967-09	+120365-09	+595992-10
+169828-10	+139222-12	+711969-14	+461282-18
+199299-09	+184556-09	+125923-09	+648595-10
+200387-10	+322298-12	+216239-13	+570164-17
+199834-09	+185091-09	+126458-09	+653872-10
+205191-10	+668281-12	+506175-13	+520426-16
+200404-09	+185662-09	+127027-09	+659500-10
+210438-10	+107149-11	+858062-13	+548803-15

FUNCTION			PHI
RE	7		+100000+14
+134445-08	+119994-08	+638296-09	+180254-09
+130616-10	+686015-13	+246887-14	+746473-20
+160756-08	+146076-08	+879918-09	+314203-09
+360850-10	+198236-12	+738671-14	+168062-18
+179314-08	+164586-08	+106075-08	+461754-09
+950627-10	+589686-12	+243976-13	+378419-17
+193716-08	+178977-08	+120375-08	+596081-09
+169861-09	+139238-11	+713378-13	+455896-16
+199363-08	+184621-08	+125987-08	+649146-09
+200527-09	+322496-11	+217937-12	+547384-15
+200043-08	+185300-08	+126664-08	+655659-09
+206663-09	+669907-11	+620312-12	+460346-14
+200966-08	+186222-08	+127580-08	+664305-09
+211736-09	+108396-10	+967278-12	+370331-13

FUNCTION			PHI
RE	7		+300000+14
+403336-08	+359982-08	+191489-08	+540763-09
+391849-10	+206606-12	+740676-14	+671774-19
+482269-08	+438230-08	+263976-08	+942612-09
+108256-09	+594711-12	+221636-13	+150940-17
+537950-08	+493764-08	+318231-08	+138532-08
+285171-09	+176916-11	+732703-13	+337873-16
+581218-08	+537002-08	+361194-08	+178884-08
+509701-09	+417822-11	+214924-12	+399798-15
+598516-08	+554288-08	+378381-08	+195108-08
+602506-09	+968639-11	+663723-12	+450495-14
+601485-08	+557255-08	+381326-08	+197857-08
+619928-09	+201697-10	+162361-11	+318820-13
+606300-08	+562064-08	+386090-08	+202198-08
+642637-09	+326985-10	+305500-11	+155336-12

FUNCTION			PHI
RE	7		+100000+15
+134445-07	+119994-07	+638296-08	+180255-08
+130617-09	+686018-12	+246910-13	+744960-18
+160757-07	+146077-07	+879924-08	+314208-08
+360858-09	+198242-11	+739189-13	+166429-16
+179324-07	+164596-07	+106084-07	+461837-08
+950721-09	+589820-11	+245109-12	+366106-15
+193821-07	+179082-07	+120478-07	+596972-08
+170073-08	+139386-10	+725861-12	+406096-14
+199992-07	+185248-07	+126606-07	+654514-08
+201886-08	+323776-10	+228873-11	+370592-13
+201956-07	+187210-07	+128547-07	+672013-08
+209809-08	+674488-10	+569001-11	+167768-12
+205225-07	+190475-07	+131773-07	+700712-08
+220909-08	+108144-09	+939062-11	+288840-12

FUNCTION			PHI
RE	7		+300000+15
+403336-07	+359982-07	+191489-07	+540767-08
+391852-09	+206607-11	+740883-13	+665489-17
+482275-07	+438235-07	+263981-07	+942653-08
+108263-08	+594766-11	+222091-12	+146617-15
+538039-07	+493853-07	+318318-07	+138606-07
+285346-08	+177026-10	+742061-12	+303748-14
+582146-07	+537928-07	+362107-07	+179674-07
+611672-08	+418826-10	+223421-11	+286383-13
+603856-07	+559620-07	+383638-07	+199672-07
+614038-08	+973296-10	+702209-11	+166198-12
+615881-07	+571628-07	+385499-07	+210176-07
+661118-08	+201677-09	+161236-10	+286626-12
+630007-07	+585736-07	+409434-07	+222516-07
+694028-08	+322306-09	+262126-10	+300659-12

FUNCTION			PHI
RE	7		+100000+16
+134445-06	+119994-06	+638302-07	+180258-07
+130620-08	+686046-11	+247134-12	+721328-16
+160763-06	+146083-06	+879981-07	+314253-07
+360936-08	+198298-10	+743836-12	+160868-14
+179421-06	+164693-06	+106180-06	+462651-07
+952632-08	+590741-10	+252816-11	+259096-13
+194800-06	+180060-06	+121442-06	+605324-07
+172161-07	+139837-09	+762766-11	+147161-12
+204902-06	+190151-06	+131440-06	+696559-07
+212642-07	+323621-09	+226133-10	+291447-12
+211220-06	+196460-06	+137669-06	+751481-07
+230067-07	+669746-09	+514817-10	+301626-12
+213700-06	+198937-06	+140120-06	+773529-07
+239601-07	+107119-08	+849494-10	+301629-12

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy range from 1.01 to 1.70 Mev

FUNCTION			PHI
RE	8		+100000+13
+475994-10	+292824-10	+182581-11	+111433-11
+134963-11	+632692-14	+133378-15	+490221-17
+501659-10	+318555-10	+445732-11	+418764-11
+382211-11	+181018-13	+399116-15	+147063-16
+612926-10	+429804-10	+155657-10	+150427-10
+104358-10	+617842-13	+131862-14	+490255-16
+773353-10	+590133-10	+315102-10	+301272-10
+190461-10	+110423-12	+386768-14	+147148-15
+837803-10	+654544-10	+379156-10	+361872-10
+225396-10	+209992-12	+118020-13	+491330-15
+840829-10	+657639-10	+382246-10	+364913-10
+228068-10	+386176-12	+282564-13	+148033-14
+843624-10	+660364-10	+384971-10	+367631-10
+230712-10	+693873-12	+524660-13	+499217-14

FUNCTION			PHI
RE	8		+100000+14
+475994-09	+292824-09	+182581-10	+111433-10
+134963-10	+632693-13	+133380-14	+490276-16
+501659-09	+318555-09	+445731-10	+418763-10
+382211-10	+181018-12	+399146-14	+147159-15
+612925-09	+429804-09	+155656-09	+150426-09
+104358-09	+617849-12	+131926-13	+492177-15
+773351-09	+590131-09	+315100-09	+301271-09
+190461-09	+110431-11	+386604-13	+149376-14
+837802-09	+654543-09	+379155-09	+361872-09
+225396-09	+210091-11	+118899-12	+517323-14
+840805-09	+657645-09	+382253-09	+364920-09
+228067-09	+386991-11	+289776-12	+169151-13
+843687-09	+660426-09	+385033-09	+367694-09
+230776-09	+600113-11	+679789-12	+659541-13

FUNCTION			PHI
RE	8		+300000+14
+142798-08	+878472-09	+547743-10	+334300-10
+404860-10	+189778-12	+400161-14	+147120-15
+150498-08	+955665-09	+133719-09	+125629-09
+114663-09	+643068-12	+119764-13	+442116-15
+183877-08	+128941-08	+466964-09	+451277-09
+313076-09	+166369-11	+396194-13	+148921-14
+232004-08	+177038-08	+945290-09	+903807-09
+671384-09	+331347-11	+116431-12	+462472-14
+251340-08	+196362-08	+113746-08	+108561-08
+676196-09	+630865-11	+361851-12	+170485-13
+252278-08	+197296-08	+114678-08	+109479-08
+684236-09	+116162-10	+901547-12	+602411-13
+253115-08	+198137-08	+115519-08	+110317-08
+692416-09	+180938-10	+181937-11	+221667-12

FUNCTION			PHI
RE	8		+100000+15
+475994-08	+292824-08	+182581-09	+111433-09
+134963-09	+632694-12	+133396-13	+490834-15
+501659-08	+318554-08	+445725-09	+418759-09
+382211-09	+181022-11	+399446-13	+148110-14
+612919-08	+429798-08	+155650-08	+150423-08
+104368-08	+617918-11	+132536-12	+510722-14
+773336-08	+590116-08	+315085-08	+301262-08
+190462-08	+110606-10	+393106-12	+169176-13
+837789-08	+654529-08	+379143-08	+361866-08
+225403-08	+210741-10	+124667-11	+689609-13
+840811-08	+657651-08	+382259-08	+364933-08
+228090-08	+388326-10	+310466-11	+231610-12
+843667-08	+660407-08	+385014-08	+367679-08
+230764-08	+699032-10	+670499-11	+642565-12

FUNCTION			PHI
RE	8		+300000+15
+142798-07	+878472-08	+547740-09	+334298-09
+404860-09	+189779-11	+400296-13	+147619-14
+150497-07	+955659-08	+133713-08	+125625-08
+114663-08	+643087-11	+120028-12	+450504-14
+183872-07	+128935-07	+466911-08	+451243-08
+313076-08	+166417-10	+401262-12	+164364-13
+231990-07	+177024-07	+945155-08	+903721-08
+671388-08	+331862-10	+120994-11	+600714-13
+251324-07	+196347-07	+113731-07	+108553-07
+676218-08	+633293-10	+383611-11	+237981-12
+252258-07	+197280-07	+114663-07	+109470-07
+684241-08	+116211-09	+906476-11	+638129-12
+253084-07	+198106-07	+115489-07	+110291-07
+692210-08	+178870-09	+163861-10	+176849-11

FUNCTION			PHI
RE	8		+100000+16
+475994-07	+292824-07	+182577-08	+111431-08
+134963-08	+632612-11	+133663-12	+496284-14
+501652-07	+318548-07	+445664-08	+418720-08
+382211-08	+181062-10	+402176-12	+156819-13
+612857-07	+429736-07	+155591-07	+150385-07
+104368-07	+618400-10	+136814-11	+642938-13
+773174-07	+589955-07	+314932-07	+301163-07
+190463-07	+110749-09	+414746-11	+238207-12
+837589-07	+654330-07	+378952-07	+361743-07
+225402-07	+210813-09	+125401-10	+754293-12
+840706-07	+657447-07	+382063-07	+364802-07
+228072-07	+386662-09	+296179-10	+206361-11
+843496-07	+660236-07	+384851-07	+367571-07
+230740-07	+696486-09	+649223-10	+629209-11

Gamma disintegrations per sec per initial atom of U^{235} – gamma energy > 1.70 Mev

RE	FUNCTION 9		PHI +100000+13
+325348-13	+331123-13	+380933-13	+749818-13
+895368-13	+107096-14	+617210-16	+100591-26
+204848-12	+205883-12	+214850-12	+280271-12
+253780-12	+314847-14	+184653-15	+300941-26
+943544-12	+944459-12	+952267-12	+100052-11
+695072-12	+985541-14	+609611-15	+993523-26
+201924-11	+201951-11	+202150-11	+201318-11
+128131-11	+260047-13	+177950-14	+290017-25
+251197-11	+251196-11	+251152-11	+247958-11
+167143-11	+703663-13	+540104-14	+880243-25
+266272-11	+266269-11	+266205-11	+262810-11
+170381-11	+156960-12	+126093-13	+205502-24
+283224-11	+283219-11	+283134-11	+279537-11
+186458-11	+257476-12	+209762-13	+341863-24

RE	FUNCTION 9		PHI +100000+14
+325901-12	+331677-12	+381484-12	+750344-12
+895697-12	+107126-13	+617210-15	+100591-25
+205337-11	+206372-11	+215337-11	+280735-11
+254071-11	+316115-13	+184653-14	+300941-25
+948242-11	+949154-11	+956941-11	+100498-10
+697864-11	+988109-13	+609611-14	+993523-25
+204725-10	+204750-10	+204937-10	+203977-10
+129795-10	+261677-12	+177950-13	+290017-24
+260823-10	+260818-10	+260729-10	+257097-10
+162862-10	+708822-12	+540104-13	+880243-24
+277541-10	+277533-10	+277416-10	+273508-10
+177076-10	+157576-11	+126093-12	+205502-23
+290998-10	+290989-10	+290868-10	+286916-10
+190076-10	+267901-11	+209762-12	+341863-23

RE	FUNCTION 9		PHI +300000+14
+981347-12	+998671-12	+114808-11	+225449-11
+268926-11	+321578-13	+185163-14	+301772-25
+619143-11	+622247-11	+649126-11	+845179-11
+764075-11	+947056-13	+653960-14	+902824-25
+287203-10	+287475-10	+289798-10	+304087-10
+210982-10	+297925-12	+182883-13	+298057-24
+626413-10	+626482-10	+626985-10	+623551-10
+396658-10	+791419-12	+633850-13	+870050-24
+797772-10	+797748-10	+797411-10	+785819-10
+497678-10	+213483-11	+162031-12	+264073-23
+836270-10	+836242-10	+835875-10	+823988-10
+633396-10	+472928-11	+378280-12	+616507-23
+875929-10	+875901-10	+875523-10	+863538-10
+571976-10	+773864-11	+629287-12	+102559-22

RE	FUNCTION 9		PHI +100000+15
+331195-11	+336968-11	+386750-11	+755370-11
+898843-11	+107416-12	+617210-14	+100591-24
+209611-10	+210644-10	+219588-10	+284793-10
+256612-10	+317461-12	+184653-13	+300941-24
+978717-10	+979613-10	+987259-10	+103392-09
+715987-10	+100478-11	+609611-13	+993523-24
+213598-09	+213619-09	+213764-09	+212403-09
+136071-09	+266429-11	+177950-12	+290017-23
+267024-09	+267015-09	+266898-09	+262987-09
+166662-09	+712216-11	+540104-12	+880243-23
+279118-09	+279109-09	+278985-09	+275009-09
+178019-09	+157663-10	+126093-11	+205502-22
+292338-09	+292328-09	+292201-09	+288192-09
+190879-09	+267976-10	+209762-11	+341863-22

RE	FUNCTION 9		PHI +300000+15
+102458-10	+104188-10	+119108-10	+229553-10
+271494-10	+323940-12	+186163-13	+301772-24
+648312-10	+651401-10	+678145-10	+872880-10
+781421-10	+963007-12	+653960-13	+902824-24
+300263-09	+300529-09	+302792-09	+316496-09
+218760-09	+305078-11	+182883-12	+298057-23
+645487-09	+645547-09	+645964-09	+641688-09
+408042-09	+801888-11	+633850-12	+870050-23
+801438-09	+801412-09	+801062-09	+789337-09
+499924-09	+213689-10	+162031-11	+264073-22
+837594-09	+837566-09	+837197-09	+825284-09
+634252-09	+473006-10	+378280-11	+616507-22
+877253-09	+877224-09	+876845-09	+864833-09
+572831-09	+773943-10	+629287-11	+102559-21

RE	FUNCTION 9		PHI +100000+16
+366311-10	+372065-10	+421684-10	+788711-10
+919713-10	+109336-11	+617210-13	+100591-23
+224743-09	+225769-09	+234644-09	+299171-09
+265624-09	+325739-11	+184653-12	+300941-23
+101126-08	+101214-08	+101965-08	+106495-08
+735550-09	+102277-10	+609611-12	+993523-23
+215496-08	+215516-08	+215657-08	+214240-08
+136260-08	+267623-10	+177950-11	+290017-22
+267092-08	+267084-08	+266971-08	+263095-08
+166669-08	+712324-10	+540104-11	+880243-22
+279134-08	+279125-08	+279006-08	+275068-08
+178106-08	+157671-09	+126093-10	+205502-21
+292364-08	+292345-08	+292222-08	+288251-08
+190966-08	+267983-09	+209762-10	+341863-21