

## **Ionization of He by slow antiprotons: Searching for the truth\***

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Single and double ionization of He by slow antiprotons is revisited using new methods of multielectron hidden crossings (MEHC) theory and, for the first time, by a four-dimensional numerical solution of the Schrodinger equation (4D-TDSE). The results are compared with calculations of other authors and with experiment. Large differences among the data are discussed and an experiment is proposed whose results would lead to a better understanding of this exotic process.

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