

¹⁶⁰Er

“Mass assignments by isotope separation” was published in 1954 by Michel and Templeton documenting the observation of ¹⁶⁰Er ([1954Mi16](#)). The Berkeley 184-inch cyclotron was used to bombard tantalum targets with 350 MeV protons. The resulting activities were measured with a G-M counter and a scintillation spectrograph. “In addition, the following new isotopes formed in the spallation of tantalum with 350-Mev protons have been assigned: Tm¹⁶⁵ (29 hours), Er¹⁶⁰ (30 hours), Er¹⁶¹ (3.5 hours).”

Adapted from reference ([2013Fr10](#))

[1954Mi16](#) M. C. Michel and D. H. Templeton, Phys. Rev. **93**, 1422 (1954).

[2013Fr10](#) C. Fry and M. Thoennessen, At. Data Nucl. Data Tables **99**, 520 (2013).

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