

¹⁵⁹Er

Abdurazakov et al. reported the discovery of ¹⁵⁹Er in their 1962 paper “A new isotope Er¹⁵⁹” (1961Ab06). 660-MeV protons from the Dubna synchrocyclotron bombarded a tantalum target. Conversion electrons were measured from successive exposures of photographic films in the β spectrograph. “A new erbium isotope of mass number 159 ($T_{1/2} \sim 1$ hr) has been discovered.”

Adapted from reference (2013Fr10)

1961Ab06 A. A. Abdurazakov, F. M. Abdurazakova, K. Y. Gromov, and G. Y. Umarov, Soviet Phys. JETP **14**, 1229 (1962).

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

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