

¹⁵⁰Sm

¹⁵⁰Sm was discovered by Aston in 1934 and published in “Constitution of Hafnium and other Elements” (1934As03). The isotope was identified with an anode discharge tube installed at the Cavendish Laboratory mass spectrograph. “Further work with samarium has disclosed two faint isotopes, 144 and 150.” The assignment was changed from the original compilation (2013Ma01) which quoted a later paper by Aston (1934As01).

1934As01 F. W. Aston, Proc. Roy. Soc. (London) A **146**, 46 (1934).

1934As03 F. W. Aston, Nature **133**, 684 (1934).

2013Ma01 E. May and M. Thoennessen, At. Data Nucl. Data Tables **99**, 1 (2013).

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