# $^{167}$Er

In 1934, Aston reported the first observation of $^{167}$Er in "Constitution of Dysprosium, Holmium, Erbium, Thulium, Ytterbium and Lutecium" (1934As02). Rare earth elements were analyzed with the Cavendish mass spectrograph. "Erbium is not so complex as it was at first supposed to be. The early samples used were evidently contaminated. A pure sample gave three strong lines, 166, 167, 168 and a weak fourth 170."

Adapted from reference (2013Fr10)


1934As02 F. W. Aston, Nature **133**, 327 (1934).
2013Fr10 C. Fry and M. Thoennessen, At. Data Nucl. Data Tables **99**, 520 (2013).



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