

## <sup>166</sup>Er

In 1934, Aston reported the first observation of <sup>166</sup>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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