

¹⁵³Eu

In the 1933 paper “Constitution of neodymium, samarium, europium, gadolinium and terbium” Aston reported the first observation of ¹⁵³Eu ([1933As02](#)). Rare earth elements were measured with the Cavendish mass spectrograph. “Europium (63), as expected from its chemical atomic weight (152.0), contains the two odd mass numbers 151, 153 in roughly equal abundance.”

Adapted from reference ([2013Ma01](#))

[1933As02](#) F. W. Aston, *Nature* **132**, 930 (1933).

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

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