

^{152}Sm

In the 1933 paper “Constitution of neodymium, samarium, europium, gadolinium and terbium” Aston reported the first observation of ^{152}Sm ([1933As02](#)). Rare earth elements were measured with the Cavendish mass spectrograph. “Samarium (62) gives a strong pair 152, 154 and a triplet 147, 148, 149.”

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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