

¹³⁵Ba

¹³⁵Ba was reported by Aston in his 1931 letter “New Isotopes of Strontium and Barium” (1931As03). The mass spectra were measured at the Cavendish Laboratory in Cambridge, UK: “Results with barium were only obtained with great difficulty. In addition to the main line 138, they indicate the presence of no less three of the lighter isotopes expected from the chemical atomic weight 137.36... The following are the mass numbers in order of intensity: Ba 138 137 136 135.”

The assignment was changed from the original compilation (2010Sh20) which credited a later publication by Aston (1932As02) with the discovery of ¹³⁵Ba.

- 1931As03 F. W. Aston, Nature **128**, 221 (1931).
1932As02 F. W. Aston, Proc. Roy. Soc. (London) **134**, 571 (1932).
2010Sh20 A. Shore, A. Fritsch, J. Q. Ginepro, M. Heim *et al.*, At. Data Nucl. Data Tables **96**, 749 (2010).

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