

## <sup>138</sup>Ba

In 1924, Aston reported the first observation of <sup>138</sup>Ba in “Recent Results obtained with the Mass-Spectrograph” (1924As03). The mass spectra were measured at the Cavendish Laboratory in Cambridge, UK: “Experiments with barium, employing long exposures, have resulted in the identification of its strongest line as 138 with a most probable mass of 137.8. There is certainly no other line comparable with this in intensity.”

The assignment was changed from the original compilation (2010Sh20) which credited a later publication by Aston (1925As02) with the discovery of <sup>138</sup>Ba.

- 1924As03 F. W. Aston, Nature **113**, 856 (1924).  
1925As02 F. W. Aston, Phil. Mag. **49**, 1191 (1925).  
2010Sh20 A. Shore, A. Fritsch, J. Q. Ginepro, M. Heim *et al.*, At. Data Nucl. Data Tables **96**, 749 (2010).

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