

⁸⁶Sr

In 1924, Aston reported the first observation of stable ⁸⁶Sr in “Recent results obtained with the mass-spectrograph” (1924As03). The mass spectra were measured at the Cavendish Laboratory in Cambridge, UK: “Experiments with strontium have been repeated under better conditions. The conclusion that it consists almost entirely of atoms of mass number 88 has been confirmed, but the greater sharpness of the mass spectra has now revealed two points which explain to some extent the low value 87.62 assigned to its chemical atomic weight. In the first place, a very faint constituent at 86 has been discovered which appears to be present to the extent of 3 or 4 percent.”

Adapted from reference (2012Pa21)

1924As03 F. W. Aston, *Nature* **113**, 856 (1924).

2012Pa21 A. M. Parker and M. Thoennessen, *At. Data Nucl. Data Tables* **98**, 812 (2012).

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