

## $^{124}\text{Xe}$

Aston discovered stable  $^{124}\text{Xe}$  in 1922 as reported in “The isotopes of selenium and some other elements” ([1922As02](#)). Xenon gas was used in the Cavendish mass spectrograph. “During some work requiring very prolonged exposures with a gas containing xenon, two new isotopes of that element were discovered at 124, 126, making nine in all. The extreme faintness of both lines indicates that the proportion of these light isotopes in the element is minute.”

Adapted from reference ([2013Ka01](#))

[1922As02](#) F. W. Aston, *Nature* **110**, 664 (1922).

[2013Ka01](#) J. Kathawa, C. Fry, and M. Thoennessen, *At. Data Nucl. Data Tables* **99**, 22 (2013).

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