

^{127}I

Aston discovered stable ^{127}I in 1920 as reported in “The constitution of the elements” (1920As03). CH_3I vapor was used in the Cavendish mass spectrograph to identify ^{127}I . “Fortunately, iodine (atomic weight 126.92) gave definite and unmistakable effects. It proves to be a simple element of mass 127—a result satisfactorily confirmed by a single line at 142 corresponding to CH_3I , the vapour used in the experiments.”

Adapted from reference (2013Ka01)

1920As03 F. W. Aston, *Nature* **106**, 468 (1920).

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

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