

²⁰⁷Pb

Aston discovered ²⁰⁷Pb in 1927 in “The constitution of ordinary lead” ([1927As01](#)). A tetramethyl compound of lead was used in the Cavendish mass spectrometer. “The vapour was first used diluted with carbon dioxide but later was admitted pure into the discharge tube. It works smoothly, but very long exposures are required. The three principal lines are 206 (4), 207 (3), 208 (7). The figures in brackets indicate roughly the relative intensities and are in good agreement with the atomic weight 207.2.”

Adapted from reference ([2013Fr04](#))

[1927As01](#) F. W. Aston, *Nature* **120**, 224 (1927).

[2013Fr04](#) C. Fry and M. Thoennessen, *At. Data Nucl. Data Tables* **99**, 365 (2013).

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