

^{235}U

In the 1935 article “Isotopic constitution of uranium” Dempster reported the discovery of ^{235}U at the University of Chicago ([1935De03](#)). Uranium samples were placed in a mass spectrograph and long exposures were taken. “It was found that an exposure of a few seconds was sufficient for the main component at 238 reported by Dr. Aston; but in addition on long exposures a faint companion of atomic weight 235 was also present. With two different uranium electrodes it was observed on eight photographs, and two photographs with the pitchblende electrode also showed the new component.”

Adapted from reference ([2013Fr03](#))

[1935De03](#) A. J. Dempster, *Nature* **136**, 180 (1935).

[2013Fr03](#) C. Fry and M. Thoennessen, *At. Data Nucl. Data Tables* **99**, 345 (2013).

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