

^{236}U

“The uranium isotope U^{236} ” was published by Ghiorso et al. in 1951, describing the first observation of ^{236}U at Argonne National Laboratory ([1951Gh21](#)). ^{235}U was irradiated with slow neutrons. Alpha-radiation was then measured. “This corresponded to an alpha-half-life of U^{236} of about 2×10^7 years. Measurements, a little later, on another sample similarly prepared, containing a different concentration of U^{235} , led to the same result.” Four months later Jaffey et al. independently reported the discovery of ^{236}U ([1951Ja09](#)).

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

- [1951Gh21](#) A. Ghiorso, J. W. Brittain, W. M. Manning, and G. T. Seaborg, Phys. Rev. **82**, 558 (1951).
[1951Ja09](#) A. H. Jaffey, H. Diamond, A. Hirsch, and J. Mech, Phys. Rev. **84**, 785 (1951).
[2013Fr03](#) C. Fry and M. Thoennessen, At. Data Nucl. Data Tables **99**, 345 (2013).

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