

¹⁹⁰Au

Albouy et al. observed ¹⁹⁰Au for the first time in 1959 at Orsay: “Isotopes de nombre de masse 190 du mercure et de l’or” (1959A194). Mercury isotopes were produced in (p,xn) spallation reactions and mass 190 was selected with an isotope separator. K-X-rays were detected with a NaI(Tl) detector. “Nous avons observé dans la décroissance du rayonnement K principalement deux périodes en filiation 21±2 mn suivie de 45±3 mn. Nous attribuons ces périodes respectivement á ¹⁹⁰Hg et á son descendant ¹⁹⁰Au.” [We observed the decay by K-radiation to consist mainly of two correlated periods, 21±2 m followed by 45±3 m. We attributed these periods with ¹⁹⁰Hg and its daughter ¹⁹⁰Au, respectively.]

Adapted from reference (2010Sc35)

1959A194 G. Albouy, R. Bernas, M. Gusakow, N. Poffe, and J. Teillac, *Compt. Rend.* **249**, 407 (1959).

2010Sc35 A. Schuh, A. Fritsch, J. Q. Ginepro, M. Heim *et al.*, *At. Data Nucl. Data Tables* **96**, 307 (2010).

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