

¹⁹⁹Au

¹⁹⁹Au was first observed by McMillan et al. from the University of California at Berkeley in 1937 and reported in the paper “Neutron-Induced Radioactivity of the Noble Metals” (1937Mc04). Platinum was irradiated with slow neutrons and a 3.3 d activity was assigned to ¹⁹⁹Au from the decay of ¹⁹⁹Pt following chemical separation. “...-the gold precipitate showed a 3.3-day activity. Reference to the isotope chart shows that one would expect Pt¹⁹⁹ to form unstable Au¹⁹⁹.”

Adapted from reference (2010Sc35)

- 1937Mc04 E. McMillan, M. Kamen, and S. Ruben, Phys. Rev. **52**, 375 (1937).
2010Sc35 A. Schuh, A. Fritsch, J. Q. Ginepro, M. Heim *et al.*, At. Data Nucl. Data Tables **96**, 307 (2010).

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