

¹⁹¹Pt

In 1948, Wilkinson described the first observation of ¹⁹¹Pt in “Some Isotopes of Platinum and Gold” (1948Wi01). Platinum and iridium targets were bombarded with α -particles, deuterons and neutrons from the 60-inch Crocker Laboratory cyclotron in Berkeley. Decay curves were measured following chemical separation. “3.0-day *platinum*.—Previously unreported, this isotope which is distinguished from the 4.3-day isotope by its 0.5-Mev electron and strong 0.57-Mev γ -ray has been observed in low yield in Pt+d, Pt+fast neutron, and Ir+ α bombardments... The activity has been assigned provisionally to mass 191.”

Adapted from reference (2011Am01)

1948Wi01 G. Wilkinson, Phys. Rev. **73**, 252 (1948).

2011Am01 S. Amos, J. L. Gross, and M. Thoennessen, At. Data Nucl. Data Tables **97**, 383 (2011).

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