^{200}Pt

In 1957, Roy et al. described the discovery of ^{200}Pt in "New Radioisotope of Platinum−Pt^{200}" (1957Ro49). ^{198}Pt targets were irradiated by neutrons from the Chalk River NRX reactor to produce ^{200}Pt by successive neutron capture. The presence of ^{200}Pt was determined by milking the ^{200}Au daughter and measuring the activities. "Parent-daughter isolation experiments were performed to establish both the half-life of Pt^{200} and its genetic relationship to Au^{200}... The average value for the half-life of Pt^{200} is 11.5±1.0 hr."

Adapted from reference (2011Am01)

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