

^{121}Cd

Weiss reported the first observation of ^{121}Cd in the 1965 article “Near-Symmetric Fission-Identification and Yield of Cd-121” ([1965We09](#)). ^{121}Cd was produced via thermal neutron fission of enriched ^{235}U in the Vallecitos nuclear test reactor and the β -ray activity was measured on a gas-flow proportional β -ray counter. “The curve which resulted from a plot of ^{121}Sn activity as a function of separation time constituted a decay curve for ^{121}Cd ... The half-life of Cd^{121} derived from these data by the method of least squares is $12.8^{+0.4}_{-0.3}$ sec.”

Adapted from reference ([2010Am04](#))

[1965We09](#) H. V. Weiss, Phys. Rev. **139**, B304 (1965).

[2010Am04](#) S. Amos and M. Thoennessen, At. Data Nucl. Data Tables **96**, 855 (2010).

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