

¹²⁶Cd

Gartner and Hill reported the first observation of ¹²⁶Cd in the 1978 article “Decay of Mass separated ¹²⁶Cd” (1978Ga18). ¹²⁶Cd was produced in neutron induced fission at the Ames Laboratory Research Reactor and separated with the Tristan on-line isotope-separator. “ γ rays from the decay of ¹²⁶Cd were observed using Ge(Li) and LEPS detectors located near the point of beam deposition... We propose therefore that the half-life of ¹²⁶Cd is 0.506 ± 0.015 sec.” Gartner and Hill quote a previously measured half-life of 0.53 s from an unpublished report by the OSIRIS collaboration (1974GrYF).

Adapted from reference (2010Am04)

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Please cite this abstract as: “FRIB Nuclear Data Group, *Discovery of Nuclides Project*, Isotope Database, doi:[10.11578/frib/2279152](https://doi.org/10.11578/frib/2279152)”