

⁹⁷Cd

The first observation of ⁹⁷Cd was discussed in the 1978 publication of “Beta-Delayed Proton Emission from ⁹⁷Cd and ⁹⁹Cd” by Elmroth et al. ([1978EI09](#)). A 115 g/cm² natural tin target was bombarded by 600 MeV protons from CERN’s synchro-cyclotron forming ⁹⁷Cd in spallation reactions. The isotopes were separated and identified with the ISOLDE electromagnetic isotope separator. “Two new beta-delayed proton precursors, ⁹⁷Cd and ⁹⁹Cd, have been identified at the ISOLDE on-line isotope separator.”

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

[1978EI09](#) T. Elmroth, E. Hagberg, P. G. Hansen, J. C. Hardy *et al.*, Nucl. Phys. A **304**, 493 (1978).

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

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