

¹²⁸Cd

The article “Measurements of Absolute γ -ray Intensities in the Decays of Very Neutron Rich Isotopes of Cd and In” by Gokturk et al. reported the discovery of ¹²⁸Cd in 1986 ([1986Go10](#)). ¹²⁸Cd was formed by neutron induced fission of ²³⁵U target at the OSIRIS ISOL-facility at Studsvik, Sweden. “Four previously unknown or little known isotopes of Cd are reliably characterized for the first time.” The reported half-life was 0.34(3) s. A previously reported half-life of 0.9 s for ¹²⁸Cd ([1981Ru07](#)) could not be confirmed.

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

- [1981Ru07](#) G. Rudstam, P. Aagaard, P. Hoff, B. Johansson, and H. U. Zwicky, Nucl. Instrum. Methods **186**, 365 (1981).
- [1986Go10](#) H. Gokturk, B. Ekstrom, E. Lund, and B. Fogelberg, Z. Phys. A **324**, 117 (1986).
- [2010Am04](#) S. Amos and M. Thoennessen, At. Data Nucl. Data Tables **96**, 855 (2010).

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