^{146}Er

^{146}Er was first observed by Toth et al. in 1993 as reported in "Observation of ^{146}Er electron capture and β^+ decay" (1993To05). A 280 MeV ^{58}Ni beam from the Berkeley SuperHILAC bombarded a ^{92}Mo target and ^{146}Er was formed in the (2p2n) fusion-evaporation reaction. Recoil products were separated with the on-line facility OASIS. Coincidences between β-delayed protons, γ rays, and x rays were recorded. "From the time distribution of the x-ray events seen in these total-projected spectra the half-life of ^{146}Er was determined to be 1.7(6) s."

Adapted from reference (2013Fr10)

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