^{141}Dy

In the 1984 article "Beta-delayed proton emission observed in new lanthanide isotopes" Nitschke et al. reported the first observation of ^{141}Dy (1984Ni03). A 274 MeV ^{54}Fe beam from the Berkeley SuperHILAC was used to form ^{141}Dy in the fusion-evaporation reaction ^{92}Mo(^{54}Fe,αn). Beta-delayed protons and characteristic X-rays were measured in coincidence at the on-line isotope separator OASIS. "The ensemble of these observations lead us to the conclusion that two new beta delayed proton emitters ^{141}Dy and ^{141}Gd were being observed". The measured half-life was 1.0(2) s.

Adapted from reference (2013Fr10)

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