^{96}Pd

In 1980, Aras et al. reported the first observation of ^{96}Pd in "Decay of the new closed-shell nuclide 2.0 min ^{96}Pd" (1980Ar11). The Maryland Cylcotron was used to bombard an enriched ^{96}Ru target with 60 MeV α particles and ^{96}Pd was produced in the (α,4n) reaction. Gamma-ray spectra and decay curves were measured with a hyperpure Ge detector. "The closed-shell nuclide ^{96}Pd has been found to decay with a 2.0 min half-life to a 1^+ state at 177 keV in ^{96}Rh."

Adapted from reference (2013Ka01)

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Please cite this abstract as: "FRIB Nuclear Data Group, *Discovery of Nuclides Project*, Isotope Database, doi:10.11578/frib/2279152"