^{126}Pd

The discovery of ^{126}Pd was reported in the 2008 article "Identification of new isotopes ^{125}Pd and ^{126}Pd produced by in-flight fission of 345 MeV/nucleon ^{238}U: First results from the RIKEN RI beam factory " by Ohnishi et al. (2008Oh06). The experiment was performed at the RI Beam Factory at RIKEN, where the new isotopes were created by in-flight fission of a 345 MeV/nucleon ^{238}U beam on a beryllium target. The isotope was separated and identified with the BigRIPS superconducting in-flight separator. "We observed the production of two new isotopes ^{125}Pd and ^{126}Pd, even though the uranium beam intensity was far from the goal for the RIBF and the total observation time was only about a day."

Adapted from reference (2013Ka01)

2008Oh06 T. Ohnishi, T. Kubo, K. Kusaka, A. Yoshida *et al.*, J. Phys. Soc. Jap. **77**, 83201 (2008).

2013Ka01 J. Kathawa, C. Fry, and M. Thoennessen, At. Data Nucl. Data Tables **99**, 22 (2013).

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