^{128}Pm

Xu et al. first identified ^{128}Pm in 1999 and reported the results in "New β-delayed proton precursors in the rare-earth region near the proton drip line" (1999Xu05). A 174 MeV ^{36}Ar beam was accelerated with the sector-focused cyclotron at the National Laboratory of Heavy-Ion Accelerator in Lanzhou, China, and bombarded an enriched ^{96}Ru target. Proton-γ coincidences were measured in combination with a He-jet type transport system. "From the decay curve the half-life of ^{128}Pm was extracted to be 1.0$\pm$0.3 s"

Adapted from reference (2012Ma48)

1999Xu05 S. W. Xu, Z. K. Li, Y. X. Xie, Q. Y. Pan *et al.*, Phys. Rev. C **60**, 061302 (1999).

2012Ma48 E. May and M. Thoennessen, At. Data Nucl. Data Tables **98**, 960 (2012).

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