

^{128}Ag

In 2000, Kautzsch et al. reported the discovery of ^{128}Ag in “New states in heavy Cd isotopes and evidence for weakening of the $N = 82$ shell structure” (2000Ka48). A pulsed 1 GeV proton beam from the CERN Proton Synchrotron Booster bombarded a thick $\text{UC}_2\text{-C}$ target and ^{128}Ag was identified using resonance ionization laser ion sources (RILIS) at ISOLDE. The caption of Figure 1 stated “Excerpts of “laser-on” γ -singles spectra for $A = 126$ and $A = 128$... The 95-ms ^{126}Ag and 58-ms ^{128}Ag peaks are only seen in the respective early spectrum.”

Adapted from reference (2010Sc10)

2000Ka48 T. Kautzsch, W. B. Walters, M. Hannawald, K. L. Kratz *et al.*, Eur. Phys. J. A **9**, 201 (2000).

2010Sc10 A. Schuh, A. Fritsch, J. Q. Ginepro, M. Heim *et al.*, At. Data Nucl. Data Tables **96**, 531 (2010).

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