

¹⁹²Ta

Alkhomashi et al. observed ¹⁹²Ta in the 2009 paper “ β^- -delayed spectroscopy of neutron-rich tantalum nuclei: Shape evolution in neutron-rich tungsten isotopes” (2009A130). A beryllium target was bombarded with a 1 GeV/nucleon ²⁰⁸Pb beam from the SIS-18 heavy-ion synchrotron at GSI, Germany. Projectile-like fragments were separated with the FRS and implanted in a series of double-sided silicon strip detectors where correlated β -decay was measured in coincidence with γ -rays in the γ -ray spectrometer RISING. “The insets of [the figure] show the time spectra associated with β decays of ¹⁸⁸Ta, ¹⁹⁰Ta, and ¹⁹²Ta, gated on discrete γ -ray lines identified in the tungsten daughter nuclei.”

Adapted from reference (2012Ro36)

2009A130 N. Alkhomashi, P. H. Regan, Zs. Podolyak, S. Pietri *et al.*, Phys. Rev. C **80**, 064308 (2009).

2012Ro36 R. Robinson and M. Thoennessen, At. Data Nucl. Data Tables **98**, 911 (2012).

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