

⁶³Se

⁶³Se was discovered by Blank et al. in 2016 and reported in “New neutron-deficient isotopes from ⁷⁸Kr fragmentation” (2016BI05). A 345 MeV/A primary ⁷⁸Kr beam from the Radioactive Ion Beam Factory (RIBF) of the RIKEN Nishina Center was fragmented on thick ⁹Be targets and separated with the BigRIPS projectile fragment separator. The isotopes were identified using the $\Delta E - TOF - B\rho$ method. “Clean identification spectra could be produced and ⁶³Se, ⁶⁷Kr, and ⁶⁸Kr were identified for the first time.”

2016BI05 B. Blank, T. Goigoux, P. Ascher, M. Gerbaux *et al.*, Phys. Rev. C **93**, 061301 (2016).

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