

⁵⁷V

⁵⁷V was first observed by Breuer et al. in 1980 as described in “Production of neutron-excess nuclei in ⁵⁶Fe-induced reactions” (1980Br26). ⁵⁶Fe ions were accelerated to 8.3 MeV/u by the Berkeley Laboratory SuperHILAC accelerator and bombarded self-supporting ²³⁸U targets. New isotopes were produced in deep-inelastic collisions and identified with a ΔE-E time-of-flight semiconductor detector telescope. “In addition, tentative evidence is found for ⁵⁶Ti, ^{57–58}V, ⁶⁰Cr, ⁶¹Mn, and ⁶³Fe.” 27±7 events were observed for ⁵⁷V.

Adapted from reference (2010Sh05)

1980Br26 H. Breuer, K. L. Wolf, B. G. Glagola, K. K. Kwiatkowski *et al.*, Phys. Rev. C **22**, 2454 (1980).

2010Sh05 A. Shore, A. Fritsch, M. Heim, A. Schuh, and M. Thoennessen, At. Data Nucl. Data Tables **96**, 351 (2010).

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