^{58}V

^{58}V was first observed by Breuer et al. in 1980 as described in "Production of neutron-excess nuclei in ^{56}Fe-induced reactions" (1980Br26). ^{56}Fe ions were accelerated to 8.3 MeV/u by the Berkeley Laboratory SuperHILAC accelerator and bombarded self-supporting ^{238}U 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 ^{56}Ti, $^{57-58}$V, ^{60}Cr, ^{61}Mn, and ^{63}Fe." 12±4 events were observed for ^{58}V.

Adapted from reference (2010Sh05)

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