^{44}V

Cerny et al. discovered ^{44}V in 1971 at Brookhaven National Laboratory which they reported in "A Highly Neutron-Deficient Vanadium Isotope: ^{44}V" (1971Ce02). A ^{6}Li beam was produced by the second tandem of the Brookhaven three-stage MP tandem Van de Graaf facility. A semiconductor telescope was used to observe β-delayed low-energy α-particles. "Vanadium-44, with a half-life of 90±25 ms, has been produced by the ^{40}Ca(^{6}Li,2n)^{44}V reaction induced by 18.5 MeV lithium ions."

Adapted from reference (2010Sh05)

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Please cite this abstract as: "FRIB Nuclear Data Group, *Discovery of Nuclides Project*, Isotope Database, doi:10.11578/frib/2279152"