^{92}Nb

Sagane et al. described the discovery of ^{92}Nb in the 1938 paper "Neutron Induced Radioactivity in Columbium" (1938Sa03). Fast neutrons produced by bombarding lithium with 3 MeV deuterons from the RIKEN cyclotron were used to irradiate niobium samples. Beta-ray activities were measured following chemical separation. The half-life of ^{92}Nb was reported to be 11(1) d in a table and corresponds to an isomeric state. The half-life (3.3×10^7 y) of the ground state was measured only 39 years later by Makino and Honda (1977Ma45).

Adapted from reference (2012Ny02)

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