

⁹⁶Y

In the 1975 paper “Gamma-Ray Energies of Short-Lived Rb, Sr, and Y Isotopes Indicating Delayed Neutron Emission to Excited States,” Gunther et al. correctly identified ⁹⁶Y for the first time (1975Gu03). A ²³⁵U target was irradiated with neutrons in the Munich research reactor and ⁹⁶Y was identified with an on-line mass separator and by β - γ coincidence measurements. ‘Gamma energies in the level schemes of ^{95,96,97}Sr, ^{95,96,97}Y, and ^{95,97}Zr are reported.’ In the same year the half-lives of the ground state (1975Sa15) and an isomeric state (1975K111,1975Sa15) were observed. A previously reported half-life of 2.3(1) min (1961Va26) was incorrect.

Adapted from reference (2012Ny02)

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