

⁹²Ru

Arlt et al. published the first observation of ⁹²Ru in 1971 in “The New Isotope ⁹²Ru” (1971Ar26). Silver chloride was bombarded with 660 MeV protons from the JINR synchrocyclotron in Dubna, Russia. Gamma-ray spectra were recorded with a Ge(Li) detector following chemical separation. “It is concluded that on the basis of the analysis of these data that the half-life for the parent ⁹²Ru is $T_{1/2} = (2.5 \pm 1)$ min.” The results were confirmed later in the same year (1972Ar24). Only a week after the second paper, de Jesus and Neirinckx independently observed ⁹²Ru (1972De09).

Adapted from reference (2012Ny02)

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