

⁹⁵Zr

⁹⁵Zr was first observed by Grummitt and Wilkinson from Chalk River Laboratory in their 1946 paper “Fission Products of U²³⁵” (1946Gr06). The isotope was obtained in thermal neutron fission of ²³⁵U. Activities were measured with a β^- -spectrometer following chemical separation. “Several previously unreported isotopes have been observed during the course of the present work... Fission yields of these and the following β^- active isotopes were measured: Zr⁹⁵ (65 days, 0.5 MeV).” Previously Sagane et al. reported a half-life of 17(1) h for ⁹⁵Zr while assigning a 63(5) d half-life incorrectly to ⁹³Zr (1940Sa08).

Adapted from reference (2012Ny02)

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