^{107}Mo

^{107}Mo was first identified by Trautmann et al. in the 1972 paper "Identification of short-lived isotopes of zirconium, niobium, molybdenum, and technetium in fission by rapid solvent extraction techniques" (1972Tr08). ^{235}U and ^{239}Pu targets were irradiated with thermal neutrons at the Mainz Triga reactor. Following chemical separation, γ-ray spectra were recorded with a Ge(Li) detector. "For ^{107}Mo, only an estimation of the half-life, about 5 sec, was possible since the growth curve shows a complex behaviour."

Adapted from reference (2012Pa21)

1972Tr08 N. Trautmann, N. Kaffrell, H. W. Behlich, H. Folger *et al.*, Radiochim. Acta **18**, 86 (1972).

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