^{81}Ga

Rudstam and Lund reported the observation of ^{81}Ga in "Delayed-neutron activities produced in fission: mass range 79-98" in 1976 (1976Ru01). ^{235}U targets were irradiated with neutrons from the Studsvik R2-0 reactor. Fission fragments were separated with the OSIRIS isotope separator and half-lives were measured with 20 ^{3}He neutron counters. "Mass number 81: The only activity at this mass can be assigned to gallium for the same reasons as in the case of mass 80." Rudstam and Lund did not comment on the 2.2 s half-life for ^{81}Ga (1975Al11) reported by the OSIRIS collaboration less than three month earlier.

Adapted from reference (2012Gr19)

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