

⁷⁵Ga

Morinaga et al. discovered ⁷⁵Ga in 1960 as reported in “Three new isotopes, ⁶³Co, ⁷⁵Ga, ⁸¹As” (1960Mo01). Metallic germanium was irradiated with 25 MeV bremsstrahlung from the Tohoku betatron and ⁷⁵Ga was produced in the photo-nuclear reaction ⁷⁶Ge(γ ,p). Gamma- and beta-radiation were measured with scintillation spectrometers following chemical separation. “Besides all the known activities a component which decayed with a half-life of approximately 2 minutes was observed.”

Adapted from reference (2012Gr19)

1960Mo01 H. Morinaga, T. Kuroyanagi, H. Mitsui, and K. Shoda, J. Phys. Soc. Jap. **15**, 213 (1960).

2012Gr19 J. L. Gross and M. Thoennessen, At. Data Nucl. Data Tables **98**, 983 (2012).

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