

## <sup>87</sup>Ga

The discovery of <sup>87</sup>Ga was reported in the 2010 article “Identification of 45 new neutron-rich isotopes produced by in-flight fission of a <sup>238</sup>U Beam at 345 MeV/nucleon,” by Ohnishi et al. (2010Oh02). The experiment was performed at the RI Beam Factory at RIKEN, where the new isotopes were created by in-flight fission of a 345 MeV/nucleon <sup>238</sup>U beam on a beryllium target. <sup>87</sup>Ga was separated and identified with the BigRIPS superconducting in-flight separator. The results for the new isotopes discovered in this study were summarized in a table. Ten counts were recorded for <sup>87</sup>Ga.

Adapted from reference (2012Gr19)

[2010Oh02](#) T. Ohnishi, T. Kubo, K. Kusaka, A. Yoshida *et al.*, J. Phys. Soc. Jap. **79**, 073201 (2010).

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

Please cite this abstract as: “FRIB Nuclear Data Group, *Discovery of Nuclides Project*, Isotope Database, doi:[10.11578/frib/2279152](https://doi.org/10.11578/frib/2279152)”