# $^{87}$Zn

In 2024, Shimizu et al. reported the observation of $^{87}$Zn in the paper "Production of new neutron-rich isotopes near the N=60 isotones $^{92}$Ge and $^{93}$As by in-flight fission of a 345 MeV/nucleon $^{238}$U beam" (2024Sh17). The beam was provided by the RIBF accelerator complex at RIKEN and the fission fragments were separated and identified with the large-acceptance two-stage separator BigRIPS. "In total, we have produced and identified the following 15 new neutron-rich isotopes: $^{84}$Cu, $^{86,87}$Zn, $^{88,89}$Ga, $^{91,92}$Ge, $^{93,94,95}$As, $^{96,97}$Se, $^{99,100}$Br, and $^{103}$Kr." One event for $^{87}$Zn was recorded.

2024Sh17 Y. Shimizu, T. Kubo, T. Sumikama, N. Fukuda *et al.*, Phys. Rev. C **109**, 044313 (2024).

Please cite this abstract as: "FRIB Nuclear Data Group, *Discovery of Nuclides Project*, Isotope Database, doi:10.11578/frib/2279152"