

## <sup>76</sup>Cu

In the 1987 paper “Identification of the New-Neutron Rich Isotopes <sup>70–74</sup>Ni and <sup>74–77</sup>Cu in Thermal Neutron Fission of <sup>235</sup>U” Armbruster et al. described the discovery of <sup>76</sup>Cu ([1987Ar21](#)). At the Institut Laue-Langevin in Grenoble, France, fragments from thermal neutron induced fission of <sup>235</sup>U were analyzed in the LOHENGRIN recoil separator. “Events associated with different elements are well enough separated to show unambiguously the occurrence of the isotopes <sup>70–74</sup>Ni and <sup>74–77</sup>Cu among other isotopes already known.”

Adapted from reference ([2012Ga06](#))

[1987Ar21](#) P. Armbruster, M. Bernas, J. P. Bocquet, R. Brissot *et al.*, Europhys. Lett. **4**, 793 (1987).

[2012Ga06](#) K. Garofali, R. Robinson, and M. Thoennessen, At. Data Nucl. Data Tables **98**, 356 (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)”