

⁵⁰Ni

The 1994 paper “Production cross sections and the particle stability of proton-rich nuclei from ⁵⁸Ni fragmentation” reported the discovery of ⁵⁰Ni by Blank et al. ([1994B110](#)). A 650 MeV/nucleon beam of ⁵⁸Ni from the SIS synchrotron at GSI bombarded a beryllium target and ⁵⁰Ni was separated and identified using the FRS separator. “For the yet-unobserved isotope ⁵⁰Ni, we find three counts which fulfill the conditions we impose on the TOF, on the energy loss, and on the position at the final focus.”

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

[1994B110](#) B. Blank, S. Andriamonje, R. Del Moral, J. P. Dufour *et al.*, Phys. Rev. C **50**, 2398 (1994).

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

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