^{48}Ni

In the paper "Discovery of Doubly Magic ^{48}Ni", Blank et al. reported the discovery of ^{48}Ni in 2000 (2000Bl01). A natural nickel target was bombarded by a 74.5 MeV/nucleon beam of ^{58}Ni from the GANIL cyclotrons. ^{48}Ni was separated and identified with the SISS/LISE3 facility. "Because of the efficiency of the MCP detector part of the statistics is lost in this spectrum. Nevertheless, two events of ^{48}Ni are clearly observed... In this spectrum, we observe four counts which can be unambiguously attributed to ^{48}Ni."

Adapted from reference (2012Ga06)

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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"