^{104}Sb

Rykaczewski et al. discovered ^{104}Sb in their 1995 paper "Identification of new nuclei at and beyond the proton drip line near the doubly magic nucleus ^{100}Sn" (1995Ry03). A 63 MeV/nucleon ^{112}Sn beam from the GANIL cyclotron complex bombarded a natural nickel target. ^{104}Sb was identified with the Alpha and LISE3 spectrometers. "The obtained data have allowed also for the identification of six other new nuclei, namely ^{103}Sb, ^{104}Sb, ^{98}In, ^{91}Pd, ^{89}Rh, and ^{87}Ru, which are clearly isolated from the neighboring heavier isotopes in the mass spectra of [the figure]."

Adapted from reference (2013Ka01)

1995Ry03 K. Rykaczewski, R. Anne, G. Auger, D. Bazin *et al.*, Phys. Rev. C **52**, R2310 (1995).

2013Ka01 J. Kathawa, C. Fry, and M. Thoennessen, At. Data Nucl. Data Tables **99**, 22 (2013).

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