^{108}Sb

^{108}Sb was discovered by Oxorn et al. in 1976 as reported in "Decay of ^{108,109,110}Sb" (1976Ox01). Enriched ^{112}Sn targets were bombarded with 25−65 MeV protons from the McGill cyclotron forming ^{108}Sb in (p,5n) reactions. Gamma-ray singles and coincidences were recorded with two Ge(Li) detectors. "New isotopes ^{109,108}Sb are identified and their decay properties are discussed. The decay half-life of ^{109}Sb is measured to be 18.3±0.5 s and that of ^{108}Sb to be 7.0±0.5 s."

Adapted from reference (2013Ka01)

1976Ox01 K. Oxorn, A. J. Houdayer, and S. K. Mark, Z. Phys. A **279**, 289 (1976).

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

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