

⁹⁸In

The discovery of ⁹⁸In was presented in “Production and Identification of ¹⁰⁰Sn” by Schneider et al. in 1994 ([1994Sc22](#)). ⁹⁸In was produced from a beryllium target bombarded by a 1095 A·MeV ¹²⁴Xe beam from the heavy-ion synchrotron SIS at GSI, Darmstadt. The products were separated with the fragment separator FRS and identified in flight by recording magnetic rigidity, multiple time-of-flights, and energy. “The individual isotopes are clearly resolved... The four events at $M/Q \sim 2.0$ and $\Delta E \sim 960$ a.u. in Fig. 2 are preliminarily attributed to ⁹⁸In.”

Adapted from reference ([2011Am01](#))

[1994Sc22](#) R. Schneider, J. Friese, J. Reinhold, K. Zeitelhack *et al.*, Z. Phys. A **348**, 241 (1994).

[2011Am01](#) S. Amos, J. L. Gross, and M. Thoennessen, At. Data Nucl. Data Tables **97**, 383 (2011).

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)”