

## <sup>99</sup>In

The discovery of <sup>99</sup>In was presented in “Production and Identification of <sup>100</sup>Sn” by Schneider et al. in 1994 ([1994Sc22](#)). <sup>99</sup>In was produced from a beryllium target bombarded by a 1095 A·MeV <sup>124</sup>Xe 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 majority of the events are assigned to <sup>101</sup>Sn, the new isotope <sup>99</sup>In, and <sup>100</sup>In.” 142 events of <sup>99</sup>In were recorded.

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)”