

⁹⁷Br

⁹⁷Br was discovered by Bernas et al. in 1997 at GSI in Germany and reported in “Discovery and Cross-Section Measurement of 58 New Fission Products in Projectile-Fission of 750-A MeV ²³⁸U” (1997Be70). The experiment was performed using projectile fission of ²³⁸U at 750 MeV/nucleon on a beryllium target. “Fission fragments were separated using the fragment separator FRS tuned in an achromatic mode and identified by event-by-event measurements of ΔE -B ρ -ToF and trajectory.” During the experiment, 8 individual counts for ⁹⁷Br were recorded.

Adapted from reference (2012Gr02)

1997Be70 M. Bernas, C. Engelmann, P. Armbruster, S. Czajkowski *et al.*, Phys. Lett. B **415**, 111 (1997).

2012Gr02 J. L. Gross, J. Claes, J. Kathawa, and M. Thoennessen, At. Data Nucl. Data Tables **98**, 75 (2012).

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