

## <sup>199</sup>Os

The first refereed publication of the observation of <sup>199</sup>Os was the 2008 paper “Single-particle behavior at N = 126: Isomeric decays in neutron-rich <sup>204</sup>Pt” by Steer et al. (2008St20). A 1 GeV/A <sup>208</sup>Pb beam from the SIS-18 accelerator at GSI impinged on a <sup>9</sup>Be target and the projectile fragments were selected and identified in-flight by the Fragment Separator FRS. The observation of the new neutron-rich osmium isotope was not specifically mentioned but <sup>199</sup>Os events are clearly visible and identified in the particle identification plot in the first figure.

Adapted from reference (2012Ro36)

2008St20 S. J. Steer, Zs. Podolyak, S. Pietri, M. Gorska *et al.*, Phys. Rev. C **78**, 061302 (2008).

2012Ro36 R. Robinson and M. Thoennessen, At. Data Nucl. Data Tables **98**, 911 (2012).

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)”