

## <sup>207</sup>Ra

The 1967 paper “On-line alpha spectroscopy of neutron-deficient radium isotopes” by Valli et al. described the observation of <sup>207</sup>Ra ([1967Va22](#)). <sup>197</sup>Au targets were bombarded with <sup>19</sup>F and <sup>206</sup>Pb targets were bombarded with <sup>12</sup>C at the Berkeley HILAC. Products were slowed and deposited to be placed in front of a Si(Au) surface barrier detector. Results were presented in a table, giving a half-life of 15(2) s.

Adapted from reference ([2013Fr09](#))

[1967Va22](#) K. Valli, W. Treytl, and E. K. Hyde, Phys. Rev. **161**, 1284 (1967).

[2013Fr09](#) C. Fry and M. Thoennessen, At. Data Nucl. Data Tables **99**, 497 (2013).

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