

## **<sup>188</sup>Po**

In 1999, Andreyev et al. reported the first observation of <sup>188</sup>Po in the paper “Alpha decay of the new isotopes <sup>188,189</sup>Po” ([1999An52](#)). A <sup>142</sup>Nd target was bombarded with 239–307 MeV <sup>52</sup>Cr beams from the GSI UNILAC heavy ion accelerator producing <sup>188</sup>Po in (6n) fusion-evaporation reactions. Recoils were separated with the velocity filter SHIP and implanted in a 16-strip position-sensitive silicon detector which also recorded subsequent  $\alpha$  decays. “On the basis of these data we assign the 7915(25) keV line to the  $\alpha$  decay of <sup>188</sup>Po.”

Adapted from reference ([2013Fr04](#))

[1999An52](#) A. N. Andreyev, D. Ackermann, P. Cagarda, J. Gerl *et al.*, Eur. Phys. J. A **6**, 381 (1999).

[2013Fr04](#) C. Fry and M. Thoennessen, At. Data Nucl. Data Tables **99**, 365 (2013).

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