

²⁴⁷Cm

In 1954, Stevens et al. identified ²⁴⁷Cm in “Curium isotopes 246 and 247 from pile-irradiated plutonium” ([1954St33](#)). Plutonium samples were irradiated with neutrons in the Materials Testing Reactor. ²⁴⁷Cm was identified with the Argonne 12-in. 60° mass spectrometer following chemical separation. “Sample I contained 0.24 percent Cm²⁴⁶, whereas sample II contained 1.27 percent Cm²⁴⁶ and 0.016 percent Cm²⁴⁷.”

Adapted from reference ([2013Fr02](#))

[1954St33](#) C. M. Stevens, M. H. Studier, P. R. Fields, J. F. Mech *et al.*, Phys. Rev. **94**, 974 (1954).

[2013Fr02](#) C. Fry and M. Thoennessen, At. Data Nucl. Data Tables **99**, 96 (2013).

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