^{231}U

In the 1949 paper "Products of the deuteron and helium-ion bombardments of Pa^{231}," Osborne et al. reported the discovery of ^{231}U (1949Os01). A ^{231}Pa target was bombarded with 21 MeV deuterons from the Berkeley 60-in. cyclotron forming ^{231}U in (d,2n) reactions. Gamma-rays and X-rays were measured with an end-window brass-wall Geiger-Mueller counter following chemical separation. "A new 4.2-day x-ray activity, found in the uranium fraction, has been tentatively assigned to K-electron capture by U^{231}."

Adapted from reference (2013Fr03)

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