

## $^{231}\text{Th}$

The 1911 discovery of a new substance later identified as  $^{231}\text{Th}$  was reported in “The disintegration products of uranium” by Antonoff from the University of Manchester ([1911An01](#)). Alpha- and beta-ray activities were measured from a uranium nitrate sample following chemical separation. “The period of the new product deduced from the curve is 1.5 days. A number of other curves obtained in a similar manner gave about the same period of decay. It is proposed to call the new product uranium Y (UrY).”

Adapted from reference ([2013Fr03](#))

[1911An01](#) G. N. Antonoff, *Phil. Mag.* **22**, 419 (1911).

[2013Fr03](#) C. Fry and M. Thoennessen, *At. Data Nucl. Data Tables* **99**, 345 (2013).

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