

²³⁰Ra

“Decay of ²³⁰Ra and ²³⁰Ac” announced the discovery of ²³⁰Ra by Gilat and Katcoff in 1978 ([1978Gi07](#)). Thorium targets were irradiated by secondary neutrons from the Brookhaven AGS injector Linac. Products were then separated by chemical means. Gamma spectra were taken in the ion exchange column for ²³⁰Ra, and milking experiments were performed on daughter elements. “Both methods gave the identical result of 93 ± 2 min.” In 1975, Ravn published incorrect preliminary results attributed to ²³⁰Ra ([1975Ra03](#)).

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

- [1975Ra03](#) H. L. Ravn, S. Sundell, L. Westgaard, and E. Roeckl, *J. Inorg. Nucl. Chem.* **37**, 383 (1975).
[1978Gi07](#) J. Gilat and S. Katcoff, *J. Inorg. Nucl. Chem.* **40**, 369 (1978).
[2013Fr09](#) C. Fry and M. Thoennessen, *At. Data Nucl. Data Tables* **99**, 497 (2013).

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