

## $^{143}\text{Cs}$

“Half-lives of  $\text{Cs}^{141}$ ,  $\text{Cs}^{142}$ , and  $\text{Cs}^{143}$ ” was published in 1962 by Fritze documenting the discovery of  $^{143}\text{Cs}$  ([1962Fr03](#)). The pneumatic-rabbit system of the McMaster Reactor was used to irradiate samples of  $\text{U}^{235}$  in a flux of neutrons. Cesium was then precipitated out of the fission-product solution. “The decay curve of  $\text{Cs}^{143}$  is shown in [the Figure], giving a half-life of  $2.0\pm 0.4$  sec.”

Adapted from reference ([2012Ma48](#))

[1962Fr03](#) K. Fritze, *Can. J. Chem.* **40**, 1344 (1962).

[2012Ma48](#) E. May and M. Thoennessen, *At. Data Nucl. Data Tables* **98**, 960 (2012).

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