

⁹⁵Sr

The discovery of ⁹⁵Sr was reported in the 1961 paper “Half-lives of Rb⁹⁴, Sr⁹⁴, Y⁹⁴, Rb⁹⁵, Sr⁹⁵, Y⁹⁵” by Fritze et al. (1961Fr03). A ²³⁵U solution was irradiated in the McMaster University research reactor and ⁹⁵Sr was identified by timed precipitations. “Two values for the half-life of Sr⁹⁵ were obtained from the relative quantities of Y⁹⁵ in the yttrium samples of runs No. 1 and No. 2 which are mentioned in Section (B). The values obtained were: (1) 0.6₈ minute, (2) 0.8₈ minute, average 0.8±0.15 minute.” Although this average half-life differs from the correct half-life of 23.90(14) s (2010Ba39) by about a factor of two, we credit Fritze et al. with the first identification, because subsequent papers first measuring 33(6) s (1966No08) and then 26(1) s (1967Am01) did not discredit these earlier results.

Adapted from reference (2012Pa21)

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