

^{77}Sr ϵp decay (9.0 s) [1976Ha29](#),[2000Gi11](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh, Jun Chen and Ameenah R. Farhan		NDS 194,3 (2024)	8-Jan-2024

Parent: ^{77}Sr : $E=0.0$; $J^\pi=5/2^{(+)}$; $T_{1/2}=9.0$ s 2; $Q(\epsilon\text{p})=3921$ 9; $\% \epsilon\text{p}$ decay=0.08 3

^{77}Sr - $J^\pi, T_{1/2}$: From ^{77}Sr Adopted Levels (Sept 2020 update).

^{77}Sr - $Q(\epsilon\text{p})$: From [2021Wa16](#).

^{77}Sr - $\% \epsilon\text{p}$ decay: $\% \epsilon\text{p}=0.08$ 3 ([2000Gi11](#)). Other: ≤ 0.25 ([1976Ha29](#)).

[1976Ha29](#): ^{77}Sr produced in $^{40}\text{Ca}(^{40}\text{Ca}, 2\text{pn})$, $E=130$ MeV. Measured delayed p.

[2000Gi11](#): measured β -delayed proton spectra, (proton) γ -coin, deduced feedings to g.s. and first excited state.

Other: [1976FaZW](#).

Proton branches from [2000Gi11](#).

 ^{76}Kr Levels

E(level)

0
424?

Delayed Protons (^{76}Kr)

<u>E(^{76}Kr)</u>	<u>I(p)[†]</u>
0	84 I
424?	16 I

[†] For absolute intensity per 100 decays, multiply by 0.0008 3.