

^{101}Y β^- -n decay (0.432 s) [1986ReZU](#),[1987PfZX](#),[1996Me09](#)

Type	Author	History	Citation	Literature Cutoff Date
Update	Balraj Singh and Jun Chen		ENSDF	12-Dec-2022

Parent: ^{101}Y : $E=0.0$; $J^\pi=(5/2^+)$; $T_{1/2}=0.432$ s 12; $Q(\beta^-n)=3247$ 11; $\% \beta^-n$ decay=1.98 20

^{101}Y - J^π : From ^{101}Y Adopted Levels in the ENSDF database (July 2006 update).

^{101}Y - $T_{1/2}$: Weighted average of 0.510 s +76-67 ([2009Pe06](#)), 0.40 s 2 ([1996Me09](#)), 0.565 s 50 ([1987PfZX](#)), 0.431 s 7 ([1986ReZU](#)), supersede 0.44 s 2 in [1986Wa17](#), 0.500 s 50 ([1983Wo10](#)). Others: 0.480 s +143-114 ([2012Qu01](#)); 0.279 s 9 from [1993Ru01](#) is discrepant.

^{101}Y - $Q(\beta^-n)$: From [2021Wa16](#).

^{101}Y - $\% \beta^-n$ decay: $\% \beta^-n=1.98$ 20 from weighted average of 1.5 5 ([1996Me09](#)), 1.8 7 ([1987PfZX](#)), 2.07 21 ([1986ReZU](#), supersedes 1.94 18 in [1986Wa17](#)). Others: ≤ 4 ([2009Pe06](#)); 3.90 23 from [1993Ru01](#) is discrepant.

$T_{1/2}$ and $\% \beta^-n$ measurements: [1996Me09](#), [1986ReZU](#) (supersede [1986Wa17](#)), [1987PfZX](#), [1983Wo10](#), [1993Ru01](#), [2012Qu01](#).

β^- -gated neutron spectra measurement: [1996Me09](#).

The decay scheme is not known.