
 ^{149}Ba β^- n decay (0.344 s) [1986Wa17,1993Ru01](#)

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	N. Nica	NDS 117, 1 (2014)	1-Oct-2013

Parent: ^{149}Ba : $E=0.0$; $T_{1/2}=0.344$ s 7; $Q(\beta^-n)=1620$ SY; $\%\beta^-n$ decay=0.43 12

^{149}Ba - J^π : ($3/2^-$) mentioned but not adopted In [2004Si16](#) (quoted from [2012Au07](#) and [1997Mo25](#), syst).

^{149}Ba - $T_{1/2}$: From [2004Si16](#), weighted average of 0.346 s 6 (neutron timing,[1986Wa17](#)) and 0.324 s 18 ([1993Ru01](#)). Others: 0.356 s 8 ([1986ReZU](#)), 0.4 s (γ timing,[1987MaZY](#)).

^{149}Ba - $Q(\beta^-n)$: $\Delta Q(\beta^-n)=200$ ([2012Wa38](#), syst).

^{149}Ba - $\%\beta^-n$ decay: ADOPTED In [2004Si16](#) from [1986Wa17](#); others: 0.58 8 ([1986ReZU](#)), 3.9 12 ([1993Ru01](#)).