

^{97}Tc ϵ decay (91.0 d) 1998Ko27

<u>Type</u>	<u>Author</u>	<u>History Citation</u>	<u>Literature Cutoff Date</u>
Full Evaluation	N. Nica	NDS 111, 525 (2010)	19-Nov-2009

Parent: ^{97}Tc : $E=96.5$; $J^\pi=1/2^-$; $T_{1/2}=91.0$ d 6; $Q(\epsilon)=320$ 4; $\% \epsilon$ decay=3.94 18

^{97}Tc -From Adopted Levels for ^{97}Tc .

^{97}Tc - $\% \epsilon$ decay: From 1998Ko27.

No γ 's were observed.

 ^{97}Mo Levels

<u>E(level)</u>	<u>J^π</u>
0.0	$5/2^+$

† From Adopted Levels.

 ϵ radiations

<u>E(decay)</u>	<u>E(level)</u>	<u>I_ϵ</u>	<u>Log ft</u>	<u>Comments</u>
(417 4)	0.0	3.94 18	7.65 3	$\epsilon\text{K}=0.8618$ 1; $\epsilon\text{L}=0.11215$ 9; $\epsilon\text{M}+=0.02604$ 3

† Absolute intensity per 100 decays of the parent.

‡ For absolute intensity per 100 decays, multiply by 0.0394 18.