

⁹⁷Tc ϵ decay (4.21×10^6 y) [1998Ko27](#),[1958Ka11](#),[1958Ka95](#)

<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: ⁹⁷Tc: E=0.0; J ^{π} =9/2⁺; T_{1/2}=4.21×10⁶ y 16; Q(ϵ)=320 4; % ϵ decay=100.0
⁹⁷Tc-From Adopted Levels for ⁹⁷Tc.
No gammas observed ([1958Ka11](#)).

⁹⁷Mo Levels

<u>E(level)</u>	<u>J^{π}[†]</u>
0.0	5/2 ⁺

[†] From Adopted Levels.

ϵ radiations

Calculated β -decay GAMOW-TELLER matrix elements ([1986Ta01](#)).

<u>E(decay)</u>	<u>E(level)</u>	<u>Iϵ[†]</u>	<u>Log ft</u>	<u>Comments</u>
(320 4)	0.0	100	13.229 21	ϵ K=0.8585 2; ϵ L=0.11472 15; ϵ M+=0.02673 4

[†] Absolute intensity per 100 decays.