

^{54}V IT decay (0.9 μs) 1998Gr14

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Yang Dong, Huo Junde		NDS 121, 1 (2014)	20-Jun-2014

Parent: ^{54}V : E=108.0; $J^\pi=(5)^+$; $T_{1/2}=0.9 \mu\text{s}$ 5; %IT decay=100.0

Source from Ni($^{86}\text{Kr}, X\gamma$) E=60.3 MeV/nucleon, tof- ΔE -E technique.

 ^{54}V Levels

E(level)	J^π [†]	$T_{1/2}$	Comments
0.0	3^+	49.8 s 5	
108	$(5)^+$	0.9 μs 5	$T_{1/2}$: from 1998Gr14.

[†] From Adopted Levels.

 $\gamma(^{54}\text{V})$

E_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π	Mult.	Comments
108	108	$(5)^+$	0.0	3^+	E2	Mult.: from 1998Gr14 based on the comparison of the half-life of the isomer with Weisskopf estimates for given transition energy.

 ^{54}V IT decay (0.9 μs) 1998Gr14Decay Scheme

%IT=100.0

