^{49}V ε decay 1983Hu03,1983Ba08,1972Kr12

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	T. W. Burrows[a]	NDS 109, 1879 (2008)	14-Jul-2008

Parent: ^{49}V: E=0.0; $J^\pi=7/2^-$; $T_{1/2}$=330 d *15*; Q(ε)=601.9 *8*; %ε decay=100.0
^{49}V-E,J^π,$T_{1/2}$: From the ^{49}V Adopted Levels.
^{49}V-Q(ε): From 2003Au03.
1983Hu03 measured I(KX) (2π pc,NaI) and $T_{1/2}$ (NaI(Tl);≈600 d) with ^{55}Fe ($T_{1/2}$=1007 d) As a standard.
Others: see 1995Bu23.

^{49}Ti Levels

E(level)	J^π	Comments
0.0	$7/2^-$	J^π: from the Adopted Levels.

ε radiations

1972Kr12 measured L/K ratio.
1983Ba08 measured inner bremsstrahlung; NaI.

E(decay)	E(level)	Iε[†]	Log *ft*	Comments
(601.9 *8*)	0.0	100.0	6.17 *1*	εK=0.8924; εL=0.09179; εM+=0.01583

[†] Absolute intensity per 100 decays.