^{48}Ti(t,nγ) 1969Se01

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	Jun Chen and Balraj Singh	NDS 157, 1 (2019)	15-Apr-2019

1969Se01: E(t)=3.2 MeV from the 4-MV electrostatic generator of the Nippon Atomic Industry Group (NAIG). Natural target. Measured γ spectra.

^{50}V Levels

E(level)[†]	J$^{\pi}$[‡]
0.0	6$^+$
225.7 *8*	5$^+$
316.3 *8*	4$^+$
346.7 *13*	3$^+$

† From Eγ data.
‡ From the Adopted Levels.

γ(^{50}V)

E$_\gamma$	E$_i$(level)	J$_i^{\pi}$	E$_f$	J$_f^{\pi}$
92	316.3	4$^+$	225.7	5$^+$
122	346.7	3$^+$	225.7	5$^+$
^{x}158[†]				
225	225.7	5$^+$	0.0	6$^+$
316[†]	316.3	4$^+$	0.0	6$^+$

† Placement of transition in the level scheme is uncertain.
^{x} γ ray not placed in level scheme.

Legend

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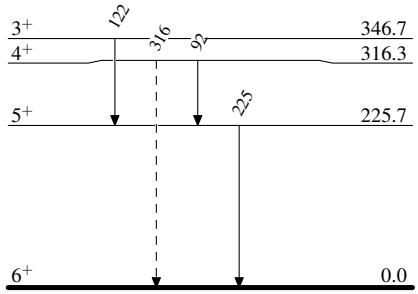
Level Scheme

γ Decay (Uncertain)



$^{50}_{23}V_{27}$