^{119}Sn(α,3nγ) 1966Ej02

History

Type	Author	Citation	Literature Cutoff Date
Full Evaluation	K. Kitao, Y. Tendow and A. Hashizume	NDS 96, 241 (2002)	1-Dec-2001

1966Ej02: E=36,40 MeV, measured E(ce) and Ice(rel.).

^{120}Te Levels

E(level)	J$^\pi$[†]
0.0	0^+
562 *5*	2^+
1165 *7*	4^+
1782? *9*	6^+

[†] From Adopted Levels.

γ(^{120}Te)

E$_\gamma$	E$_i$(level)	J$_i^\pi$	E$_f$	J$_f^\pi$	Comments
562 *5*	562	2^+	0.0	0^+	ce(K)=100 ce(L)+ce(M)=18 *3*.
603 *5*	1165	4^+	562	2^+	ce(K)=78 *5* ce(L)+ce(M)=9 *3*.
617[†] *5*	1782?	6^+	1165	4^+	ce(K)=46 *5*
[x]639 *5*					ce(K)=16 *3*
[x]648[†] *5*					ce(K)=18 *5* E$_\gamma$: transition may occur in ^{121}Te.

[†] Placement of transition in the level scheme is uncertain.
[x] γ ray not placed in level scheme.

Legend

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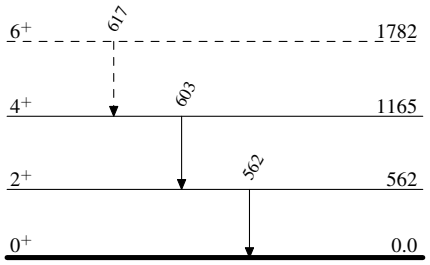
Level Scheme

γ Decay (Uncertain)



$^{120}_{52}Te_{68}$