

$^{232}\text{Th}(^{37}\text{Cl},\text{X}\gamma)$ 1997Sm09

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	H. Iimura, J. Katakura, S. Ohya		NDS 180, 1 (2022)	1-Oct-2021

1997Sm09: $^{232}\text{Th}+^{37}\text{Cl}$ E=172-208 MeV; EUROGAM.

 ^{126}Te Levels

E(level)	J^π [†]	Comments
0.0	0 ⁺	
666	2 ⁺	
1361	4 ⁺	
1775	6 ⁺	
2495	7 ⁻	J^π : 1997Sm09 gives 8 ⁺ , but it is inconsistent with L=7 in (p,t).
2764	8 ⁺	

[†] From Adopted Levels.

 $\gamma(^{126}\text{Te})$

E_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π
414	1775	6 ⁺	1361	4 ⁺
666	666	2 ⁺	0.0	0 ⁺
695	1361	4 ⁺	666	2 ⁺
720	2495	7 ⁻	1775	6 ⁺
989	2764	8 ⁺	1775	6 ⁺

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Level Scheme

