

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

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Yu. Khazov, A. A. Rodionov and S. Sakharov, Balraj Singh		NDS 104, 497 (2005)	10-Feb-2005

1997Sm09: E=172-208 MeV. Measured  $E\gamma$ ,  $I\gamma$ ,  $\gamma\gamma$  following fusion-fission reaction using EUROGAM II array with 30 tapered coaxial and 24 CLOVERS with BGO shields.

 $^{132}\text{Xe}$  Levels

E(level)	$J^{\pi\dagger}$	Comments
0	$0^+$	
667	$2^+$	
1439	$4^+$	
2039	$(5^-)$	
2213	$(7^-)$	$J^{\pi}$ : $7^+$ given In 1997Sm09.

$\dagger$  From Adopted Levels.

 $\gamma(^{132}\text{Xe})$ 

$E_{\gamma}$	$E_i(\text{level})$	$J_i^{\pi}$	$E_f$	$J_f^{\pi}$
174	2213	$(7^-)$	2039	$(5^-)$
600	2039	$(5^-)$	1439	$4^+$
667	667	$2^+$	0	$0^+$
772	1439	$4^+$	667	$2^+$

 $^{232}\text{Th}(^{37}\text{Cl,X})$  1997Sm09Level Scheme