

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

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.

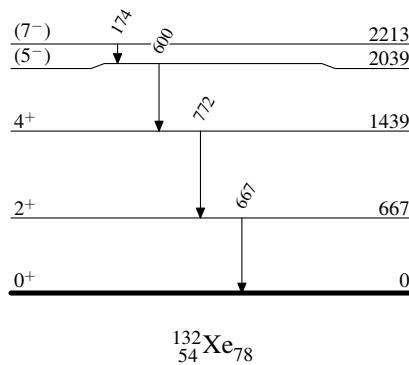
 $^{132}\text{Xe}$  Levels

E(level)	$J^\pi$ <sup>†</sup>	Comments
0	$0^+$	
667	$2^+$	
1439	$4^+$	
2039	$(5^-)$	
2213	$(7^-)$	$J^\pi: 7^+$ given In <a href="#">1997Sm09</a> .

<sup>†</sup> 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	$2^+$

 $^{232}\text{Th}(\text{Cl},\text{X}) \quad 1997\text{Sm09}$ Level Scheme

$^{132}_{54}\text{Xe}_{78}$