^{239}Pu(n,Fγ),^{241}Pu(n,Fγ) 2001Ge07

Type	Author	History Citation	Literature Cutoff Date
Full Evaluation	Balraj Singh	NDS 93, 33 (2001)	11-May-2001

Additional information 1.

2001Ge07: E=thermal neutrons. Measured time correlations between fission fragments selected by LOHENGRIN spectrometer At Grenoble and γ rays or conversion electrons from isomer In ^{130}Te. Also measured Eγ, $\gamma\gamma$ and γ(ce) coin.

^{130}Te Levels

E(level)	J$^\pi$	T$_{1/2}$	Comments
0	0$^+$		
839.5	2$^+$		
1633.0	4$^+$		
1815.4	6$^+$		
2146.8	7$^-$		
2648.5	8$^+$		
2649+x	10$^+$	1.90 μs *8*	E(level): x<25 keV (2001Ge07). T$_{1/2}$: from 2001Ge07.

γ(^{130}Te)

E$_\gamma$	E$_i$(level)	J$_i^\pi$	E$_f$	J$_f^\pi$
182.4	1815.4	6$^+$	1633.0	4$^+$
331.4	2146.8	7$^-$	1815.4	6$^+$
501.8	2648.5	8$^+$	2146.8	7$^-$
793.5	1633.0	4$^+$	839.5	2$^+$
833.0	2648.5	8$^+$	1815.4	6$^+$
839.5	839.5	2$^+$	0	0$^+$

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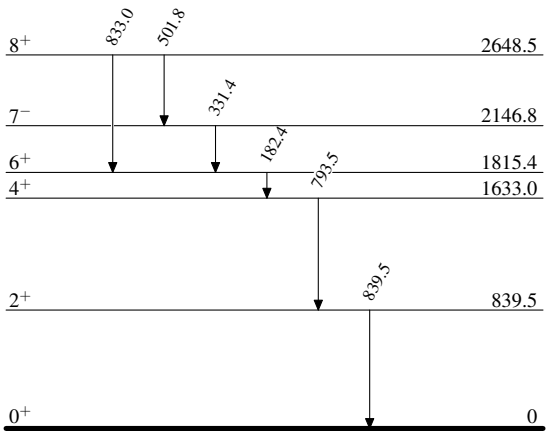
Level Scheme



$^{130}_{52}Te_{78}$