
 $^{196}\text{Pt}(\text{n},\gamma)$ E=0.565 keV [1968Sa13](#)

Type	Author	History	Citation	Literature Cutoff Date
Full Evaluation	Huang Xiaolong, Zhou Chunmei		NDS 104, 283 (2005)	1-Jan-2002

Resonance energy, measured primary γ 's.

 ^{197}Pt Levels

E(level)	$J^{\pi^\dagger}$	Comments
0	$1/2^-$	
74.0	$3/2^-$	
710.0	$3/2^-$	
965.0	$1/2^-$	
1076.0	$1/2^-, 3/2^-$	
5846.9	$1/2^+$	E(level): from S(n) + 0.565, where S(n)=5846.29 27. J $^\pi$: from s-wave neutron capture.

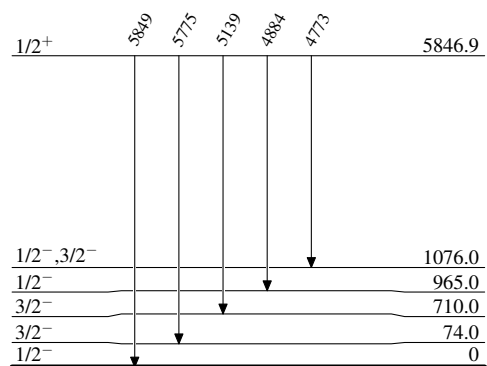
† From Adopted Levels, except E(level)=5846.9 (from s-wave neutron capture).

 $\gamma(^{197}\text{Pt})$

E_γ	$E_i(\text{level})$	J_i^π	E_f	J_f^π
4773	5846.9	$1/2^+$	1076.0	$1/2^-, 3/2^-$
4884	5846.9	$1/2^+$	965.0	$1/2^-$
5139	5846.9	$1/2^+$	710.0	$3/2^-$
5775	5846.9	$1/2^+$	74.0	$3/2^-$
5849	5846.9	$1/2^+$	0	$1/2^-$

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Level Scheme



$^{197}_{78}\text{Pt}_{119}$