
 $^{196}\text{Pt}(\text{t},\text{d})$ [1990Bu26](#)

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

[1990Bu26](#): E=18 MeV, measured $\sigma(\text{E}(\text{d}),\theta)$, FWHM $\approx$ 17 keV, DWBA analysis.

 ^{197}Pt Levels

E(level)	$J^{\pi\#}$	$L^{\dagger}$	$S^{\ddagger}$	E(level)	$J^{\pi\#}$	$L^{\dagger}$	$S^{\ddagger}$	E(level)	$J^{\pi\#}$	$L^{\dagger}$	$S^{\ddagger}$
0	$1/2^{-}$	1	0.29	483 3	$(7/2)^{-}$	3	0.14	1378 4	$(3/2)^{-}$	(3)	
53 1	$5/2^{-}$	3	1.32	502 3	$3/2^{-}$	1	0.03	1401 4	$3/2^{-}$	1	
71 1	$3/2^{-}$	1	0.26	531 3	$7/2^{-}$	3	0.28	1632 3			
99 1	$3/2^{-}$	1	0.45	710 3	$3/2^{-}$	1	0.07	1753 4			
132 1	$1/2^{-}$	1	0.18	812 3	$(1/2)^{-}$	1	≤ 0.01	1792 3	$(7/2)^{-}$	3	1.29
269 2	$(1/2)^{-}$	1	0.01	970 3	$3/2^{-}$	1		1816 3		(1,3)	
299 1	$5/2^{-}$	3	0.06	1064 2	$3/2^{-}$	1	0.04	1843 5			
401 2	$13/2^{+}$	6	1.02	1110 2	$(5/2)^{-}$	3	0.23				
459 2	$5/2^{-}$	3	0.06	1212 3		1,3					

† From $\sigma(\theta)$ DWBA analysis.

‡ From $[\text{d}\sigma/\text{d}\omega]_{\text{exp}} = \text{NS}[\text{d}\sigma/\text{d}\omega(\theta, L, J)]$ (DWBA) relative values, renormalized by a factor of 1.5 to make their overall average consistent with the (d,p) results.

$^{\#}$ From $\sigma(\theta)$ analysis and $^{198}\text{Pt}(\text{d},\text{t})$ analyzing power ([1990Bu26](#)).