

$^{106}\text{Pd}(^{16}\text{O},\text{p}4\text{n})$ [1984Ke06](#)

Type	History		Literature Cutoff Date
	Author	Citation	
Full Evaluation	Jean Blachot	ENSDF	1-Mar-2009

$E(^{16}\text{O})=50$ MeV.

Measured: γ , $\gamma\gamma$, $\gamma(\theta)$, $\sigma(E)$.

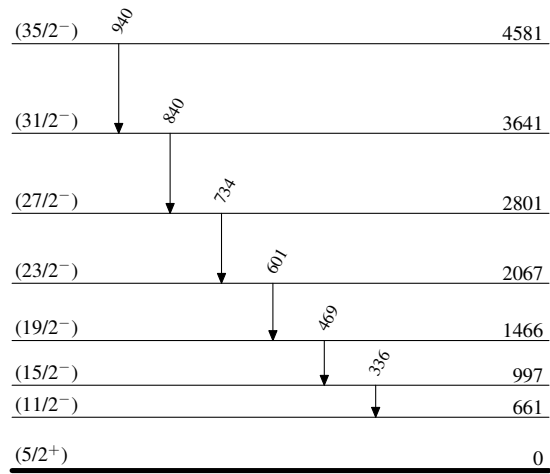
 ^{117}I Levels

E(level)	$J^{\pi\dagger}$	Comments
0	(5/2 ⁺)	
58	(7/2 ⁺)	
353	(9/2 ⁺)	
661	(11/2 ⁻)	E(level): see Adopted Levels for the 11/2 ⁻ bandhead level.
997	(15/2 ⁻)	
1466	(19/2 ⁻)	
2067	(23/2 ⁻)	
2801	(27/2 ⁻)	
3641	(31/2 ⁻)	
4581	(35/2 ⁻)	

[†] From previous data ([1982Ga21](#)) and band systematic behaviors.

 $\gamma(^{117}\text{I})$

E_{γ}	$E_i(\text{level})$	J_i^{π}	E_f	J_f^{π}
336	997	(15/2 ⁻)	661	(11/2 ⁻)
469	1466	(19/2 ⁻)	997	(15/2 ⁻)
601	2067	(23/2 ⁻)	1466	(19/2 ⁻)
734	2801	(27/2 ⁻)	2067	(23/2 ⁻)
840	3641	(31/2 ⁻)	2801	(27/2 ⁻)
940	4581	(35/2 ⁻)	3641	(31/2 ⁻)

$^{106}\text{Pd}(^{16}\text{O},\text{p}4\text{n}) \quad 1984\text{Ke06}$ Level Scheme $^{117}_{53}\text{I}_{64}$