

^{170}Pt $Z = 78$ $N = 92$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 1327.400 (0.018) MeV

	Energy T	J+	J-	J-other	T1/2

S-alpha=	-6.707	(0.026)	-----		
170PT 1	0.000	0+			1 13.8 MS 5
170PT 2	0.509	2+			2

S-2p =	0.882	(0.021)	-----		
170PT 3	1.172	4+			3

S-p =	1.494	(0.030)	-----		
170PT 4				1.514 (3-)	4
170PT 5				1.898 (5-)	5
170PT 6	1.912	6+			6
170PT 7				1.972	7
170PT 8				2.112 (7-)	8
170PT 9	2.437	8+			9
170PT 10				2.444	10

170PT 11				2.496 (9-)	11
170PT 12				2.501	12
170PT 13				2.510	13
170PT 14				2.629	14
170PT 15				3.025 (10+)	15
170PT 16				3.038 (10+)	16
170PT 17				3.067	17
170PT 18				3.122	18
170PT 19				3.708	19

S-p =	1.494	(0.030)	-----		
S-n =	0.000	(0.000)	-----		
S-2p =	0.882	(0.021)	-----		
S-2n =	21.435	(0.151)	-----		
S-alpha=	-6.707	(0.026)	-----		
S+p =	1.448	(0.028)			
S+n =	-9.242	(0.075)			
S+2p =	0.662	(0.151)			
S+2n =	-20.950	(0.021)			
S+alpha =	7.233	(0.026)			
gap p =	2.942	(0.040)			
gap n =	0.000	(0.000)			
gap 2p =	1.545	(0.153)			
gap 2n =	0.484	(0.153)			

gap alpha = 0.526 (0.037)