

^{170}Pt $Z = 78$ $N = 92$ adopted link ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE = 1327.400 (0.018) MeV

Qbeta+ = 6.828 (0.171) 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 =	1.495	(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 = 1.495 (0.030)-----
S-n = 11.904 (0.170)-----
S-2p = 0.882 (0.021)-----
S-2n = 21.432 (0.151)-----
S-alpha= -6.707 (0.026)-----

S+p = 1.448 (0.028)
S+n = -9.239 (0.083)
S+2p = 0.660 (0.151)
S+2n = -20.950 (0.021)
S+alpha = 7.233 (0.026)

gap p = 2.943 (0.040)
gap n = 2.665 (0.189)
gap 2p = 1.542 (0.153)

gap 2n = 0.482 (0.152)
gap alpha = 0.526 (0.037)