

^{200}Pt $Z = 78$ $N = 122$ [link to full NNDC output](#)

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

BE = 1579.840 (0.020) MeV

Qbeta- = 0.641 (0.034) MeV

	Energy T	J+	J-	J-other	T1/2
200PT 1	0.000	0+			1 12.6 H 3
200PT 2	0.470	2+			2
S-alpha= 0.747 (0.045)					
200PT 3				0.868 (2)+	3
200PT 4	1.103	4+			4
200PT 5				1.118 (0+)	5
200PT 6				1.181 (3)+	6
200PT 7				1.268 (4)+	7
200PT 8				1.567 (5)-	8
200PT 9			1566.9+X		9 14.2 NS 4
200PT 10	1.583	0+			10
200PT 11				1.617	11
200PT 12				1.692 (2)+	12
200PT 13				1.726 (2+)	13
200PT 14				1.757 (2+)	14
200PT 15				1.842 (2+)	15
200PT 16				1.884	16
200PT 17				1.908 (4,5,6)-	17
200PT 18				1.919	18
200PT 19				1.936 (4+)	19
200PT 20				1.970 (4,5,6)-	20
200PT 21				1.991 (2+)	21
200PT 22	2.014	0+			22
200PT 23				2.099	23
200PT 24				2.118 (2+)	24
200PT 25				2.120 (4,5,6)-	25
200PT 26				2.144	26
200PT 27				2.156 (2+)	27
200PT 28				2.168	28
200PT 29	2.253	0+			29
200PT 30				2.258 (4,5,6)-	30
200PT 31			2275.50+X		31
200PT 32				2.299	32
200PT 33				2.402	33
200PT 34				2.431	34
200PT 35				2.461 (4+)	35
200PT 36				2.491	36

200PT	37				2.525		37
200PT	38				2.551		38
200PT	39				2.668	(2+)	39
200PT	40				2.709		40

200PT	41				2.731		41
200PT	42				2818.0+X		42
200PT	43				3136.4+X		43
200PT	44				3226.6+X		44 10.3 NS 24

S-p = 9.490 (0.046)-----
 S-n = 7.282 (0.020)-----
 S-2p = 0.000 (0.000)-----
 S-2n = 12.838 (0.020)-----
 S-alpha= 0.747 (0.045)-----

S+p = -7.091 (0.020)
 S+n = -5.213 (0.054)
 S+2p = -15.324 (0.020)
 S+2n = -12.235 (0.032)
 S+alpha = -0.516 (0.020)

gap p = 2.399 (0.050)
 gap n = 2.069 (0.058)
 gap 2p = 0.000 (0.000)
 gap 2n = 0.603 (0.038)
 gap alpha = 0.231 (0.049)