

^{188}Pt $Z = 78$ $N = 110$ adopted link ENSDF link

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

BE = 1494.206 (0.005) MeV

Qbeta+ = 0.524 (0.011) MeV

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

S-alpha=	-4.007	(0.005)	-----		
188PT 1	0.000	0+			1 10.16 D 18
188PT 2	0.266	2+			2 66 PS 3
188PT 3	0.606	2+			3
188PT 4	0.671	4+			4 5.1 PS +15-11
188PT 5	0.799	0+			5
188PT 6	0.936	3+			6
188PT 7	1.085	4+			7
188PT 8	1.115	2+			8
188PT 9	1.184	6+			9 1.53 PS 14
188PT 10				1.215 (2)+	10

188PT 11	1.313	2+			11
188PT 12			1.350 3-		12
188PT 13				1.444	13
188PT 14	1.528	2+			14
188PT 15			1.566 5-		15
188PT 16	1.626	1+			16
188PT 17	1.636	6+			17
188PT 18				1.675 (0+,1,2)	18
188PT 19				1.686 (0+,1,2)	19
188PT 20			1.768 7-		20 0.20 NS 2

188PT 21				1.776 (1-)	21
188PT 22	1.782	8+			22 0.97 PS 14
188PT 23				1.811 (2)+	23
188PT 24				1.954 (1+,2)	24
188PT 25				2.171 (0+,1,2)	25
188PT 26			2.180 8-		26
188PT 27				2.210	27
188PT 28	2.247	8+			28
188PT 29				2.296 (1,2+)	29
188PT 30			2.312 9-		30

188PT 31	2.437	10+			31 0.49 PS +28-21
188PT 32				2.447 (1,2+)	32
188PT 33			2.458 9-		33 0.66 NS AP
188PT 34				2.468 (1,2+)	34
188PT 35				2.497	35
188PT 36				2.525	36

188PT 37						2.589		37	
188PT 38						2.620	(8+)	38	
188PT 39				2.651	10-			39	
188PT 40		2.664	10+					40	

188PT 41				2.701	10-			41	
188PT 42		2.702	10+					42	
188PT 43				2.773	11-			43	
188PT 44						2.798		44	
188PT 45		2.810	12+					45	
188PT 46						2.875	(11+)	46	
188PT 47						2.910	(2+)	47	
188PT 48				2.960	11-			48	
188PT 49						3.047		49	
188PT 50				3.102	12-			50	

188PT 51		3.104	12+					51	
188PT 52		3.139	14+					52	
188PT 53		3.182	12+					53	
188PT 54				3.227	12-			54	
188PT 55						3.232		55	
188PT 56						3.261		56	
188PT 57						3.261	(13+)	57	
188PT 58				3.325	13-			58	
188PT 59				3.565	13-			59	
188PT 60		3.580	14+					60	

188PT 61				3.626	14-			61	
188PT 62		3.627	16+					62	
188PT 63						3.750	(15+)	63	
188PT 64				3.867	14-			64	
188PT 65				3.947	15-			65	
188PT 66		4.008	16+					66	
188PT 67				4.174	16-			67	
188PT 68				4.238	15-			68	
188PT 69		4.244	18+					69	
188PT 70						4.280	(17-)	70	

188PT 71						4.353	(17+)	71	
188PT 72						4.479	(18+)	72	
188PT 73						4.550	(16-)	73	
188PT 74						4.593	(18-)	74	
188PT 75						4.665	(17-)	75	
188PT 76						4.765	(18-)	76	
188PT 77						4.948	(19-)	77	
188PT 78		4.961	20+					78	
188PT 79						5.201		79	
188PT 80						5.505		80	

S-p	=	5.561	(0.028)	-----					

188PT	81				5.745	(22+)	81
188PT	82				6.550	(24+)	82
188PT	83				7.368	(26+)	83

S-p = 5.561 (0.028)-----
 S-n = 9.207 (0.025)-----
 S-2p = 9.399 (0.005)-----
 S-2n = 16.099 (0.022)-----
 S-alpha= -4.007 (0.005)-----

S+p = -3.050 (0.021)
 S+n = -6.720 (0.011)
 S+2p = -8.128 (0.017)
 S+2n = -15.628 (0.005)
 S+alpha = 3.385 (0.016)

gap p = 2.511 (0.035)
 gap n = 2.487 (0.027)
 gap 2p = 1.271 (0.018)
 gap 2n = 0.471 (0.023)
 gap alpha = -0.622 (0.017)