

^{184}Pt $Z = 78$ $N = 106$ [link to full NNDC output](#)

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

BE = 1461.434 (0.016) MeV

Qbeta+ = 2.277 (0.032) MeV

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

S-alpha=	-4.599	(0.023)			
184PT 1	0.000	0+			1 17.3 M 2
184PT 2	0.163	2+			2 360 PS 12
184PT 3	0.436	4+			3 25.3 PS 9
184PT 4	0.492	0+			4
184PT 5	0.649	2+			5
184PT 6	0.798	6+			6 6.1 PS 3
184PT 7	0.844	2+			7 1.5 NS LT
184PT 8				0.940 (3)+	8
184PT 9				1.028 (4)+	9
184PT 10	1.173	2+			10

184PT 11	1.231	8+			11 2.15 PS 14
184PT 12	1.234	4+			12 1.5 NS LT
184PT 13				1.307 (5)+	13
184PT 14				1.432 (4,5)+	14
184PT 15				1.453 (LE4)	15
184PT 16				1.463 (6)+	16
184PT 17				1.470 (3)+	17
184PT 18				1.598 (4)+	18
184PT 19				1.611 (2+,3,4+)	19
184PT 20				1.629 5+,6+,7+	20

184PT 21				1.676 (5)-	21 1.5 NS LT
184PT 22				1.682 (LE4)	22
184PT 23				1.693	23
184PT 24	1.707	10+			24 1.18 PS 14
184PT 25				1.714 (1,2+)	25
184PT 26				1.726	26
184PT 27				1.731 (7)+	27
184PT 28				1.738 (LE4)	28
184PT 29				1.745	29
184PT 30				1.785 (1,2+)	30

184PT 31				1.794 (6-)	31
184PT 32	1.800	6+			32
184PT 33				1.807 (LE4)	33
184PT 34				1.826 (2+,3,4+)	34
184PT 35			1.840 8-		35 1.01 MS 5
184PT 36				1.852 (2+,3,4+)	36

184PT 37				1.883	(4+,5,6+)	37
184PT 38				1.885	(LE4)	38
184PT 39				1.894		39
184PT 40				1.904	(LE4)	40

184PT 41				1.916	(7-)	41
184PT 42				1.921	(LE4)	42
184PT 43				1.925		43
184PT 44				1.941	(4+,5,6+)	44
184PT 45				1.954		45
184PT 46				1.968	(4+)	46
184PT 47				1.982		47
184PT 48				2.011	(LE4)	48
184PT 49				2.018	(9-)	49
184PT 50				2.062		50

184PT 51				2.073		51
184PT 52				2.076	(8-)	52
184PT 53				2.126	(LE4)	53
184PT 54				2.152		54
184PT 55				2.158	(4+,5,6+)	55
184PT 56				2.170	(6+,7,8+)	56
184PT 57				2.202	(1,2+)	57
184PT 58	2.204	12+				58 1.59 PS 14
184PT 59				2.217	(10-)	59
184PT 60				2.231	(9-)	60

184PT 61				2.254		61
184PT 62				2.283	(LE4)	62
184PT 63				2.331	(6+)	63
184PT 64				2.435		64
184PT 65				2.436	(11-)	65
184PT 66				2.452	(10-)	66
184PT 67				2.453	(6+,7,8+)	67
184PT 68				2.455	(LE4)	68
184PT 69				2.461	(6+,7,8+)	69
184PT 70				2.532	(1,2+)	70

184PT 71				2.536	(4+,5,6+)	71
184PT 72				2.553	(6+)	72
184PT 73				2.585	(LE4)	73
184PT 74				2.593	(11-)	74
184PT 75				2.612	(4+,5,6+)	75
184PT 76				2.625	(11-)	76
184PT 77				2.632	(2+,3,4+)	77
184PT 78				2.638	(2+,3,4+)	78
184PT 79				2.653	(2+,3,4+)	79
184PT 80				2.674	(12-)	80

184PT 81				2.692		81

184PT 82		2.727	14+				82	1.39 PS 14	
184PT 83						2.822	83		
184PT 84						2.913 (12-)	84		
184PT 85						2.928 (13-)	85		
184PT 86						3.082 (13-)	86		
184PT 87						3.095 (13-)	87		
184PT 88						3.197 (14-)	88		
184PT 89		3.282	16+				89	1.18 PS 14	
184PT 90						3.436 (14-)	90		

184PT 91						3.440 (15-)	91		
184PT 92						3.476 (15-)	92		
184PT 93						3.596 (16+)	93		
184PT 94						3.611 (15-)	94		
184PT 95						3.763 (16-)	95		
184PT 96		3.869	18+				96	1.7 PS 10	
184PT 97						3.902 (17-)	97		
184PT 98						3.990 (16-)	98		
184PT 99						4.054 (17-)	99		
184PT 100						4.172 (18+)	100		

184PT 101						4.175 (17-)	101		
184PT 102						4.352 (18-)	102		
S-p =		4.420 (0.029)			-----				
184PT 103						4.438 (19-)	103		
184PT 104		4.493	20+				104		
184PT 105						4.565 (18-)	105		
184PT 106						4.657 (19-)	106		
184PT 107						4.789 (19-)	107		
184PT 108						4.816 (20+)	108		
184PT 109						4.978 (20-)	109		
184PT 110						5.014 (21-)	110		

184PT 111		5.167	22+				111		
184PT 112						5.311 (21-)	112		
184PT 113						5.472 (21-)	113		
184PT 114						5.511 (22+)	114		
184PT 115						5.615 (23-)	115		
184PT 116						5.664 (22-)	116		
184PT 117		5.897	24+				117		
184PT 118						6.031 (23-)	118		
184PT 119						6.259 (25-)	119		
184PT 120						6.686 (26+)	120		

184PT 121						6.963 (27-)	121		
S-2p =		7.303 (0.027)			-----				
184PT 122						7.535 (28+)	122		
184PT 123						7.733 (29-)	123		

S-p = 4.420 (0.029)-----
S-n = 9.633 (0.022)-----
S-2p = 7.303 (0.027)-----
S-2n = 17.308 (0.020)-----
S-alpha= -4.599 (0.023)-----

S+p = -1.813 (0.016)
S+n = -7.425 (0.030)
S+2p = -5.783 (0.020)
S+2n = -16.673 (0.027)
S+alpha = 4.708 (0.020)

gap p = 2.607 (0.033)
gap n = 2.208 (0.037)
gap 2p = 1.520 (0.033)
gap 2n = 0.635 (0.034)
gap alpha = 0.109 (0.030)