

$^{184}\text{Pt}$        $Z = 78$        $N = 106$       adopted link      ENSDF link

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

BE = 1461.432 ( 0.015) MeV

Qbeta+ = 2.278 ( 0.032) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-4.599	( 0.022)			
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
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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
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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
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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
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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
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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
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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
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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
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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		
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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		
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184PT 101						4.175 (17-)	101		
184PT 102						4.352 (18-)	102		
S-p =		4.419 ( 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		
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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		
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184PT 121						6.963 (27-)	121		
S-2p =		7.301 ( 0.026)			-----				
184PT 122						7.535 (28+)	122		
184PT 123						7.733 (29-)	123		

S-p = 4.419 ( 0.029)-----  
S-n = 9.631 ( 0.020)-----  
S-2p = 7.301 ( 0.026)-----  
S-2n = 17.307 ( 0.020)-----  
S-alpha= -4.599 ( 0.022)-----

S+p = -1.815 ( 0.015)  
S+n = -7.427 ( 0.030)  
S+2p = -5.785 ( 0.019)  
S+2n = -16.675 ( 0.026)  
S+alpha = 4.709 ( 0.016)

gap p = 2.605 ( 0.032)  
gap n = 2.204 ( 0.036)  
gap 2p = 1.517 ( 0.032)  
gap 2n = 0.632 ( 0.033)  
gap alpha = 0.111 ( 0.027)