

^{186}Pt $Z = 78$ $N = 108$ adopted link ENSDF link

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

BE = 1478.107 (0.022) MeV

Qbeta+ = 1.308 (0.027) MeV

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

S-alpha=	-4.320	(0.031)			
186PT 1	0.000	0+			1 2.10 H 5
186PT 2	0.192	2+			2 240 PS 20
186PT 3	0.472	0+			3
186PT 4	0.490	4+			4 18.9 PS 13
186PT 5	0.607	2+			5
186PT 6	0.798	2+			6
186PT 7	0.878	6+			7 3.54 PS 28
186PT 8	0.956	3+			8
186PT 9	0.991	4+			9
186PT 10	1.176	2+			10

186PT 11	1.222	4+			11
186PT 12	1.343	8+			12 1.39 PS 14
186PT 13				1.363 (5+)	13
186PT 14			1.408 3-		14
186PT 15				1.418 (3+)	15
186PT 16				1.470 (6+)	16
186PT 17				1.600 (6+)	17
186PT 18				1.612	18
186PT 19				1.633 (4-)	19
186PT 20				1.672 3+,4	20

186PT 21				1.693 (5-)	21
186PT 22				1.801 (7+)	22
186PT 23				1.814	23
186PT 24				1.838 (4)-	24
186PT 25	1.858	10+			25 0.83 PS 7
186PT 26				1.896 2+,3+	26
186PT 27				1.952 (7-)	27 85 PS 10
186PT 28				1.970 (6-)	28
186PT 29				2.004 (8+)	29
186PT 30				2.051 (7-)	30

186PT 31				2.109 (10+)	31
186PT 32				2.123 (7-,8+)	32
186PT 33	2.159	4+			33
186PT 34				2.195 (8-)	34 8.0 NS 13
186PT 35				2.216 3+,4+	35
186PT 36				2.228 3+,4+	36

186PT 37						2.254	(8-)	37			
186PT 38						2.280	(9+)	38			
186PT 39						2.317	(8-)	39			
186PT 40		2.336	12+					40	1.39 PS	14	

186PT 41						2.356	(9-)	41			
186PT 42						2.375	(9-)	42			
186PT 43						2.431	(9-)	43			
186PT 44						2.545	(10+)	44			
186PT 45						2.559	(10-)	45			
186PT 46						2.612	(12+)	46	0.5 NS	LE	
186PT 47						2.633	(10-)	47			
186PT 48						2.696	(10-)	48			
186PT 49						2.788	(11-)	49			
186PT 50						2.792	(11-)	50			

186PT 51						2.825	(14+)	51	1.46 PS	14	
186PT 52						2.864	(12+)	52	0.5 NS	LE	
186PT 53						2.887	(11-)	53			
186PT 54						3.043	(12-)	54			
186PT 55						3.073	(12-)	55			
186PT 56						3.172	(12-)	56			
186PT 57						3.192	(13-)	57			
186PT 58						3.192	(14+)	58	0.5 NS	LE	
186PT 59						3.270	(14+)	59			
186PT 60						3.300	(13-)	60			

186PT 61						3.311	(13-)	61			
186PT 62						3.395	(16+)	62	0.76 PS	14	
186PT 63						3.421	(13-)	63			
186PT 64						3.531	(15-)	64			
186PT 65						3.567	(14-)	65			
186PT 66						3.600	(14-)	66			
186PT 67						3.665	(16+)	67			
186PT 68						3.701	(14-)	68			
186PT 69						3.874	(15-)	69			
186PT 70						3.893	(15-)	70			

186PT 71						3.963	(16+)	71			
186PT 72						3.984	(17-)	72			
186PT 73						4.051	(18+)	73	1.25 PS	LT	
186PT 74						4.111	(16-)	74			
186PT 75						4.173	(16-)	75			
186PT 76						4.208	(16-)	76			
186PT 77						4.259	(18+)	77			
186PT 78						4.393		78			
186PT 79						4.483	(17-)	79			
186PT 80						4.518	(17-)	80			

186PT 81						4.540	(19-)	81			

186PT 82				4.661	(18+)	82
186PT 83				4.699	(18-)	83
186PT 84				4.788	(20+)	84
S-p = 4.818 (0.035)-----						
186PT 85				4.836	(18-)	85
186PT 86				4.938		86
186PT 87				4.956	(20+)	87
186PT 88				5.189	(21-)	88
186PT 89				5.321	(20-)	89
186PT 90				5.597	(22+)	90

186PT 91				5.738	(22+)	91
186PT 92				5.922	(23-)	92
186PT 93				6.464	(24+)	93
186PT 94				6.582	(24+)	94
186PT 95				6.730	(25-)	95
186PT 96				7.408	(26+)	96

S-p = 4.818 (0.035)-----						
S-n = 9.248 (0.034)-----						
S-2p = 8.190 (0.022)-----						
S-2n = 16.675 (0.026)-----						
S-alpha= -4.320 (0.031)-----						

S+p	=	-2.453	(0.031)
S+n	=	-6.892	(0.032)
S+2p	=	-6.912	(0.023)
S+2n	=	-16.099	(0.022)
S+alpha	=	4.069	(0.027)

gap p	=	2.365	(0.047)
gap n	=	2.355	(0.047)
gap 2p	=	1.278	(0.032)
gap 2n	=	0.575	(0.035)
gap alpha	=	-0.251	(0.041)