

$^{186}\text{Pt}$        $Z = 78$        $N = 108$       [link to full NNDC output](#)

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

BE = 1478.106 ( 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 2.08 H 5
186PT 2	0.192	2+			2 260 PS 12
186PT 3	0.472	0+			3
186PT 4	0.490	4+			4
186PT 5	0.607	2+			5
186PT 6	0.798	2+			6
186PT 7	0.877	6+			7
186PT 8	0.957	3+			8
186PT 9	0.992	4+			9
186PT 10	1.176	2+			10
-----					
186PT 11	1.223	4+			11
186PT 12	1.343	8+			12
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
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	50	PS	LT
-----										
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			
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			
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			
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 = 16.673 ( 0.027)-----						
S-alpha= -4.320 ( 0.031)-----						
-----						
S+p = -2.452 ( 0.031)						
S+n = -6.892 ( 0.032)						
S+2p = -6.915 ( 0.025)						
S+2n = -16.099 ( 0.022)						
S+alpha = 4.069 ( 0.027)						
-----						
gap p = 2.366 ( 0.047)						
gap n = 2.356 ( 0.047)						
gap 2p = 1.275 ( 0.033)						
gap 2n = 0.574 ( 0.035)						
gap alpha = -0.251 ( 0.041)						