

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

Based on ensdf_240402 (Apr 2024), 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)