

^{194}Pt $Z = 78$ $N = 116$ adopted link ENSDF link

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

BE = 1539.573 (0.001) MeV

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

S-alpha=	-1.523	(0.001)	-----		
194PT 1	0.000	0+			1 STABLE
194PT 2	0.328	2+			2 41.7 PS 17
194PT 3	0.622	2+			3 35 PS 4
194PT 4	0.811	4+			4 3.7 PS 2
194PT 5	0.923	3+			5
194PT 6	1.230	4+			6 3.8 PS 6
194PT 7	1.267	0+			7 6.1 PS 14
194PT 8				1.374 (5-)	8
194PT 9	1.412	6+			9 1.6 PS 5
194PT 10				1.422 (3,4)+	10

194PT 11			1.433 3-		11 110 PS +10-9
194PT 12	1.479	0+			12
194PT 13				1.485 (7-)	13 3.45 NS 12
194PT 14				1.499 (5+)	14
194PT 15	1.512	2+			15
194PT 16				1.529	16
194PT 17	1.547	0+			17 0.175 PS +14-11
194PT 18				1.584 (0+,1+,2+)	18
194PT 19				1.593 (5+)	19
194PT 20	1.622	2+			20

194PT 21	1.671	2+			21
194PT 22				1.737 (3-)	22
194PT 23	1.779	2+			23
194PT 24				1.784 (6-)	24
194PT 25			1.797 1-		25
194PT 26				1.803 1+,2+	26
194PT 27				1.817 (2)+	27
194PT 28				1.872 2+,3+,4+	28
194PT 29				1.888 (2,3,4)	29
194PT 30	1.894	0+			30

194PT 31				1.913 (4+)	31
194PT 32	1.924	1+			32
194PT 33				1.926 (6+)	33 1.3 PS 2
194PT 34	1.930	2+			34
194PT 35				1.935	35
194PT 36				1.949	36
194PT 37			1.961 2-		37

194PT 38						1.974		38
194PT 39						1.981		39
194PT 40						1.984	(6,7,8+)	40

194PT 41						1.992	(7-)	41
194PT 42						2.000	(8-)	42
194PT 43						2.004	(2+)	43
194PT 44						2.033		44
194PT 45		2.044	1+					45
194PT 46						2.046		46
194PT 47						2.048	(9-)	47
194PT 48						2.053	(2)+	48
194PT 49		2.064	2+					49
194PT 50						2.074		50

194PT 51		2.085	0+					51
194PT 52						2.100	(8)+	52 1.1 PS 3
194PT 53						2.109	(2)+	53
194PT 54		2.114	1+					54
194PT 55						2.118		55
194PT 56						2.126	(4+)	56
194PT 57						2.131	(2+)	57
194PT 58						2.134	1+,2+	58
194PT 59						2.141	(1+,2+)	59
194PT 60				2.154	3-			60

194PT 61						2.158	(2)+	61
194PT 62		2.164	0+					62
194PT 63						2.165	(5-)	63
194PT 64						2.175		64
194PT 65						2.185	1+,2+	65
194PT 66						2.193	(6-,7-)	66
194PT 67						2.215	(2+)	67
194PT 68		2.216	1+					68
194PT 69						2.219		69
194PT 70						2.228		70

194PT 71						2.240	(2)-	71
194PT 72				2.246	3-			72
194PT 73						2.248	(4+)	73
194PT 74						2.251	(1,2+)	74
194PT 75						2.276	(2+,3+,4+)	75
194PT 76						2.287	(1+,2+)	76
194PT 77						2.297	(7-,8+)	77
194PT 78		2.298	1+					78
194PT 79						2.309		79
194PT 80						2.310	(11-)	80

194PT 81		2.312	2+					81
194PT 82						2.324	(6-,7-)	82

194PT 83		2.356	0+					83
194PT 84						2.356	(4+)	84
194PT 85		2.366	1+					85
194PT 86						2.370		86
194PT 87						2.385		87
194PT 88		2.397	2+					88
194PT 89						2.408		89
194PT 90		2.413	1+					90

194PT 91						2.424	(6+,7,8+)	91
194PT 92						2.430		92
194PT 93						2.438	(10+)	93
194PT 94						2.444	(0+,1+,2+)	94
194PT 95						2.451	(12+)	95 5.9 NS 8
194PT 96						2.457		96
194PT 97						2.473	(0+,1+,2+)	97
194PT 98						2.482		98
194PT 99						2.501		99
194PT 100		2.511	0+					100

194PT 101						2.517	1	101
194PT 102						2.528	(2+)	102
194PT 103						2.536		103
194PT 104					2.544	3-		104
194PT 105						2.554		105
194PT 106						2.558		106
194PT 107						2.570	(6+)	107
194PT 108						2.577	1	108
194PT 109						2.587		109
194PT 110						2.599		110

194PT 111						2.608		111
194PT 112						2.616		112
194PT 113						2.631		113
194PT 114						2.640	(4+)	114
194PT 115						2.661		115
194PT 116						2.663	(10,11,12+)	116
194PT 117						2.676	(0+,1+,2+)	117
194PT 118						2.686	(2+,3+,4+)	118
194PT 119						2.689	(8+)	119 0.61 PS +9-11
194PT 120						2.695		120

194PT 121						2.700	(11-)	121
194PT 122						2.703	(6+)	122
194PT 123						2.711		123
194PT 124						2.718		124
194PT 125						2.720	1	125
194PT 126						2.740		126
194PT 127						2.747		127
194PT 128						2.755		128

194PT 129			2.770	(0+)	129
194PT 130			2.772		130

194PT 131			2.783	(2+)	131
194PT 132			2.795		132
194PT 133			2.800		133
194PT 134			2.805		134
194PT 135			2.817	(2+)	135
194PT 136			2.842	(14+)	136
194PT 137			2.842		137
194PT 138			2.849	(10+)	138 1.05 PS +30-22
194PT 139			2.850		139
194PT 140			2.856		140

194PT 141			2.863		141
194PT 142			2.879		142
194PT 143			2.882		143
194PT 144			2.895	(2+)	144
194PT 145			2.908		145
194PT 146			2.917	(10+)	146 0.54 PS +26-12
194PT 147			2.956	(2+)	147
194PT 148			2.980		148
194PT 149			2.990	(13-)	149
194PT 150			3.000	(2+)	150

194PT 151			3.000	1	151
194PT 152			3.015	1	152
194PT 153			3.033	(2+)	153
194PT 154			3.058	(10,11,12+)	154
194PT 155			3.065	(0+,1+,2+)	155
194PT 156			3.078	(2+)	156
194PT 157			3.079	1	157
194PT 158			3.100	(2+)	158
194PT 159			3.132	(0+,1+,2+)	159
194PT 160			3.141	1	160

194PT 161			3.170	(2+)	161
194PT 162			3.198	(2+)	162
194PT 163			3.225	(0+,1+,2+)	163
194PT 164			3.351	1	164
194PT 165			3.375	1	165
194PT 166			3.383	1	166
194PT 167			3.417	1	167
194PT 168			3.421	1	168
194PT 169			3.428	1	169
194PT 170			3.459	1	170

194PT 171			3.465	1	171
194PT 172			3.477	1	172
194PT 173			3.498	1	173

194PT 174			3.500	(16+)	174
194PT 175			3.545	1	175
194PT 176			3.697	1	176
194PT 177			3.703	1	177
194PT 178			3.717	1	178
194PT 179			3.727	1	179
194PT 180			3.747	1	180

194PT 181			3.755	(18+)	181
194PT 182			3.814	1	182
194PT 183			3.890	1	183
194PT 184			3.938	(20+)	184
194PT 185			4.530	(22+)	185
194PT 186			4.542	(22+)	186
194PT 187			4.897	(24+)	187
194PT 188			5.337	(26+)	188

S-p = 7.513 (0.001)-----
S-n = 8.352 (0.001)-----
S-2p = 13.456 (0.002)-----
S-2n = 14.614 (0.003)-----
S-alpha= -1.523 (0.001)-----

S+p = -5.096 (0.001)
S+n = -6.105 (0.001)
S+2p = -11.644 (0.003)
S+2n = -14.027 (0.001)
S+alpha = 1.381 (0.001)

gap p = 2.417 (0.002)
gap n = 2.247 (0.002)
gap 2p = 1.812 (0.004)
gap 2n = 0.587 (0.003)
gap alpha = -0.142 (0.001)