

^{192}Pt $Z = 78$ $N = 114$ adopted link ENSDF link

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

BE = 1524.958 (0.003) MeV

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

S-alpha=	-2.424	(0.003)	-----		
192PT 1	0.000	0+			1 STABLE
192PT 2	0.317	2+			2 43.7 PS 9
192PT 3	0.612	2+			3 26.5 PS 15
192PT 4	0.785	4+			4 4.2 PS 2
192PT 5	0.921	3+			5 21.3 PS 21
192PT 6	1.195	0+			6
192PT 7	1.201	4+			7
192PT 8	1.365	6+			8 1.8 PS 7
192PT 9			1.378	3-	9 41 PS 9
192PT 10				1.384 (5)-	10

192PT 11	1.406	3+			11
192PT 12	1.439	2+			12
192PT 13	1.482	5+			13
192PT 14				1.518 (7)-	14 1.85 NS 17
192PT 15				1.547 (0+)	15
192PT 16	1.576	2+			16
192PT 17	1.629	0+			17
192PT 18				1.667 (2,3,4)	18
192PT 19				1.739 (1)-	19
192PT 20				1.746 (6)-	20

192PT 21				1.766 (2,3)+	21
192PT 22				1.794 (2)+	22
192PT 23				1.800	23
192PT 24				1.857	24
192PT 25	1.869	6+			25
192PT 26	1.880	3+			26
192PT 27	1.882	0+			27
192PT 28				1.894 (2,3)-	28
192PT 29				1.898	29
192PT 30				1.935 (4+)	30

192PT 31				1.965 (8)-	31
192PT 32				1.972	32
192PT 33				1.976 (2)+	33
192PT 34				1.982	34
192PT 35				2.017	35
192PT 36	2.018	8+			36
192PT 37				2.042 (2-,3-)	37

192PT 38						2.048	(2)+		38
192PT 39						2.068			39
192PT 40		2.074	2+						40

192PT 41						2.097			41
192PT 42						2.103	(9)-		42
192PT 43		2.111	0+						43
192PT 44		2.113	7+						44
192PT 45						2.120	(2+)		45
192PT 46						2.130	(1-)		46
192PT 47						2.136			47
192PT 48						2.143	(3)-		48
192PT 49		2.149	1+						49
192PT 50						2.162			50

192PT 51						2.163			51
192PT 52		2.171	2+						52
192PT 53						2.172	(10)-		53 272 NS 23
192PT 54						2.183			54
192PT 55						2.191	(2+,3-)		55
192PT 56						2.199			56
192PT 57						2.209			57
192PT 58						2.217	(2)+		58
192PT 59						2.237	(1,2)+		59
192PT 60						2.238	(2)+		60

192PT 61						2.257	(2)-		61
192PT 62						2.265			62
192PT 63						2.287			63
192PT 64						2.296	(1,2)+		64
192PT 65						2.301			65
192PT 66						2.313	(8,9,10)		66
192PT 67		2.319	1+						67
192PT 68						2.321			68
192PT 69		2.335	1+						69
192PT 70						2.343			70

192PT 71						2.349			71
192PT 72						2.366			72
192PT 73						2.375	(1,2)+		73
192PT 74						2.378			74
192PT 75						2.386			75
192PT 76						2.394			76
192PT 77						2.399	(1,2)+		77
192PT 78						2.403			78
192PT 79						2.408	(2)+		79
192PT 80						2.415			80

192PT 81						2.420			81
192PT 82						2.423	(1,2)+		82

192PT 83		2.435	3+				83			
192PT 84		2.453	2+				84			
192PT 85						2.456	85			
192PT 86						2.470	86			
192PT 87		2.472	2+				87			
192PT 88						2.478	88			
192PT 89						2.484	LE3	89		
192PT 90						2.486	(2)-	90		

192PT 91		2.491	0+				91			
192PT 92		2.500	0+				92			
192PT 93						2.509	(2,3)+	93		
192PT 94						2.512	(11)-	94		
192PT 95						2.512		95		
192PT 96						2.519	(10)+	96		
192PT 97						2.523	(10+)	97		
192PT 98						2.530	(10-)	98		
192PT 99		2.532	1+					99		
192PT 100						2.537		100		

192PT 101						2.546		101		
192PT 102						2.549	(2)+	102		
192PT 103						2.557		103		
192PT 104						2.560	(1+,2)	104		
192PT 105						2.563	(2)+	105		
192PT 106						2.565		106		
192PT 107						2.573		107		
192PT 108						2.583	(10+)	108		
192PT 109						2.585	(2)+	109		
192PT 110		2.591	8+					110		

192PT 111						2.603	(2)+	111		
192PT 112						2.605	(1,2)-	112		
192PT 113						2.607		113		
192PT 114						2.614	(2+)	114		
192PT 115						2.624	(12)+	115	2.62 NS	18
192PT 116						2.626		116		
192PT 117						2.627	(12)-	117		
192PT 118		2.629	2+					118		
192PT 119		2.635	1+					119		
192PT 120						2.641	(12+)	120		

192PT 121						2.645		121		
192PT 122						2.647	(2)-	122		
192PT 123						2.653		123		
192PT 124						2.658	(1,2)+	124		
192PT 125						2.674		125		
192PT 126						2.684		126		
192PT 127						2.703		127		
192PT 128						2.709	(11)-	128		

192PT 129				2.709		129
192PT 130				2.721		130

192PT 131		2.729	10+			131
192PT 132				2.731	(2)-	132
192PT 133				2.732		133
192PT 134				2.743	(0+)	134
192PT 135				2.757		135
192PT 136				2.764		136
192PT 137				2.771	(13+)	137
192PT 138				2.775		138
192PT 139				2.784		139
192PT 140				2.793		140

192PT 141				2.794	(LE2)	141
192PT 142				2.800		142
192PT 143				2.812		143
192PT 144				2.833	(1,2,3)+	144
192PT 145				2.835	(2+)	145
192PT 146				2.842		146
192PT 147				2.856	(2)-	147
192PT 148				2.857	(2-)	148
192PT 149				2.891	(2)-	149
192PT 150				2.933	(12)+	150

192PT 151				2.936	(12+)	151
192PT 152				2.946	(11)+	152
192PT 153				2.947	(2-)	153
192PT 154				2.950		154
192PT 155				2.950	(1,2+)	155
192PT 156				2.959	(2,3)-	156
192PT 157				2.998	(14)+	157
192PT 158				3.022	(13-)	158
192PT 159				3.027	(2,3)-	159
192PT 160				3.031	(LE3)	160

192PT 161				3.068	(14+)	161
192PT 162				3.080	(14+)	162
192PT 163				3.082	(12-)	163
192PT 164				3.127	(1-,2-)	164
192PT 165				3.137	(12+)	165
192PT 166				3.156	(2,3)-	166
192PT 167				3.185	(15+)	167
192PT 168				3.190	(2,3-)	168
192PT 169				3.226	(13+)	169
192PT 170				3.358	(13-)	170

192PT 171				3.400		171
192PT 172				3.505	(16+)	172
192PT 173				3.542	(16)+	173

192PT 174			3.569		174
192PT 175			3.674		175
192PT 176			3.674	(17+)	176
192PT 177			3.695	(15)-	177
192PT 178			3.779	(18+)	178
192PT 179			3.883		179
192PT 180			3.924	(17-)	180

192PT 181			4.160		181
192PT 182			4.200	(20+)	182
192PT 183			4.204	(18)+	183
192PT 184			4.320		184
192PT 185			4.951	(20+)	185

S-p = 6.869 (0.003)-----
S-n = 8.661 (0.005)-----
S-2p = 12.159 (0.003)-----
S-2n = 15.125 (0.003)-----
S-alpha= -2.424 (0.003)-----

S+p = -4.405 (0.009)
S+n = -6.262 (0.003)
S+2p = -10.473 (0.004)
S+2n = -14.614 (0.003)
S+alpha = 2.038 (0.004)

gap p = 2.463 (0.009)
gap n = 2.399 (0.006)
gap 2p = 1.685 (0.005)
gap 2n = 0.510 (0.004)
gap alpha = -0.386 (0.005)