

^{192}Pb $Z = 82$ $N = 110$ adopted link ENSDF link

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

BE = 1508.093 (0.006) MeV

Qbeta+ = 3.320 (0.032) MeV

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

S-alpha=	-5.222	(0.009)	-----		
192PB 1	0.000	0+			1 3.5 M 1
192PB 2	0.769	0+			2 0.75 NS 10
192PB 3	0.854	2+			3
192PB 4				1.238 (2+)	4
192PB 5	1.355	4+			5
192PB 6				1.430	6
192PB 7				1.544 1,2+	7
192PB 8				1.680	8
192PB 9				1.860 (5)-	9
192PB 10	1.921	6+			10

192PB 11				1.983	11
192PB 12	2.304	8+			12 3.9 NS 3
192PB 13				2.323 (7)-	13
192PB 14				2.507 (8)-	14
192PB 15				2.514 (9)-	15 3.3 NS 2
192PB 16				2.520 (8)+	16
192PB 17	2.562	8+			17
192PB 18				2.581 (10)+	18 166 NS 6
192PB 19				2.622 (2+,3,4+)	19
192PB 20				2.623 (8-,9-)	20

192PB 21				2.624 (12+)	21 1.09 US 4
192PB 22				2.743 (11)-	22 0.756 US 14
192PB 23				2.790 (9+)	23
192PB 24				2.894 (7+,8,9-)	24
192PB 25				3.161 (10+)	25
192PB 26				3.175 (10-)	26
192PB 27				3.254 (11-)	27
192PB 28				3.274 (12-)	28
192PB 29				3.304	29
192PB 30				3.499 (14+)	30

192PB 31				3.528 (12+)	31
S-p	= 3.558	(0.009)	-----		
192PB 32	3.646	11+			32
192PB 33				3.664 (12-)	33
192PB 34				3.679 (13-)	34
192PB 35				3.789 (13-)	35

192PB 36						3.938		36
192PB 37						4.028	(16+)	37
192PB 38						4.036	(15)	38
192PB 39						4.094	(13,14)	39
192PB 40						4.155		40

192PB 41		4.175	12+					41
192PB 42						4.187	(14-)	42
192PB 43						4.192		43
192PB 44						4.201	(14-)	44
192PB 45						4.217	(15)	45
192PB 46						4.236	(14-)	46
192PB 47						4.241	(15-)	47
192PB 48						4.266	(15,16)	48
192PB 49						4.288	(15-)	49
192PB 50						4.322	(14)	50

192PB 51						4.325	(13+)	51
192PB 52						4.326	(14+)	52
192PB 53						4.332	(15-)	53
192PB 54						4.366	(15-)	54
192PB 55						4.370	(16-)	55
192PB 56						4.424		56
192PB 57						4.425	(8+)	57
192PB 58						4.443	(16)	58
192PB 59						4.519	(17-)	59
192PB 60						4.580		60

192PB 61						4.622	(16-)	61
192PB 62						4.640	(10+)	62
192PB 63						4.650	(18+)	63
192PB 64						4.650	(16)	64
192PB 65						4.681	(15)	65
192PB 66						4.702	(18-)	66
192PB 67						4.722	(17-)	67
192PB 68						4.734	(15,16)	68
192PB 69						4.753	(17-)	69
192PB 70						4.814	(18)	70

192PB 71						4.850		71
192PB 72						4.902	(12+)	72
192PB 73						4.913	(17)	73
192PB 74						4.963	(18-)	74
192PB 75						4.990	(19-)	75
192PB 76						5.055	(17,18)	76
192PB 77						5.065	(16)	77
192PB 78						5.087	(19-)	78
192PB 79						5.104	(17)	79
192PB 80						5.113	(17-)	80

192PB 81				5.137	(16,17,18)	81
192PB 82				5.201	(18)	82
192PB 83				5.206	(14+)	83
192PB 84				5.230	(18)	84
192PB 85				5.277	(20-)	85
192PB 86				5.286	(20-)	86
192PB 87				5.289		87
192PB 88				5.377		88
192PB 89				5.437	(19-)	89
192PB 90				5.457	(16,17)	90

192PB 91				5.461		91
192PB 92				5.493	(20)	92
192PB 93				5.532	(21-)	93
192PB 94				5.538		94
192PB 95				5.541	(20)	95
192PB 96				5.550	(16+)	96
192PB 97				5.560	(21-)	97
192PB 98				5.634		98
192PB 99				5.647	(20)	99
192PB 100				5.709	(22-)	100

S-2p = 5.759 (0.017)

192PB 101				5.795		101
192PB 102				5.871	(22-)	102
192PB 103				5.935	(18+)	103
192PB 104				6.030	(21)	104
192PB 105				6.232	(23-)	105
192PB 106				6.359	(20+)	106
192PB 107				6.389	(21)	107
192PB 108				6.666	(24-)	108
192PB 109				6.820	(22+)	109
192PB 110				7.155	(25-)	110

192PB 111				7.319	(24+)	111
192PB 112				7.854	(26+)	112
192PB 113				8.425	(28+)	113
192PB 114				9.029	(30+)	114
192PB 115				9.669	(32+)	115

S-p = 3.558 (0.009)

S-n = 10.332 (0.009)

S-2p = 5.759 (0.017)

S-2n = 18.278 (0.014)

S-alpha = -5.222 (0.009)

S+p = -0.622 (0.010)

S+n = -7.749 (0.012)

S+2p = -3.031 (0.014)

S+2n = -17.799 (0.018)
S+alpha = 6.658 (0.008)

gap p = 2.936 (0.013)
gap n = 2.583 (0.015)
gap 2p = 2.728 (0.022)
gap 2n = 0.479 (0.023)
gap alpha = 1.437 (0.012)