

^{193}Pt $Z = 78$ $N = 115$ adopted link ENSDF link

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

BE = 1531.221 (0.001) MeV

Qbeta+ = 0.057 (0.002) MeV

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

S-alpha=	-2.082 (0.002)				
193PT 1			0.000 1/2-		1 50 Y 6
193PT 2			0.002 3/2-		2 9.7 NS 3
193PT 3			0.014 5/2-		3 2.52 NS 5
193PT 4			0.114 3/2-		4
193PT 5				0.121 1/2-, 3/2-, 5/2-	5
193PT 6	0.150	13/2+			6 4.33 D 3
193PT 7			0.188 3/2-		7
193PT 8				0.199 (11/2+)	8
193PT 9				0.232 (5/2)-	9
193PT 10			0.270 3/2-		10

193PT 11				0.308	11
193PT 12				0.331	12
193PT 13				0.340	13
193PT 14				0.415 5/2-, 7/2-	14
193PT 15				0.425 5/2-, 7/2-	15
193PT 16				0.434 (5/2-, 7/2-)	16
193PT 17				0.439 (3/2)-	17
193PT 18				0.459 (5/2-, 7/2-)	18
193PT 19				0.491 (17/2+)	19
193PT 20				0.491 (5/2)-	20

193PT 21				0.520 (15/2+)	21
193PT 22				0.523 (3/2-, 5/2-)	22
193PT 23				0.530 1/2-, 3/2-	23
193PT 24				0.544 (5/2-, 7/2-)	24
193PT 25				0.563 1/2-, 3/2-	25
193PT 26				0.599 5/2-, 7/2-	26
193PT 27				0.603 (15/2+)	27
193PT 28				0.622	28
193PT 29				0.630 5/2-, 7/2-	29
193PT 30				0.642	30

193PT 31				0.665 11/2+, 13/2+	31
193PT 32				0.692 (11/2+, 13/2+)	32
193PT 33				0.700 1/2-, 3/2-	33
193PT 34				0.701 (5/2-, 7/2-)	34
193PT 35				0.718 (1/2+)	35
193PT 36				0.728 5/2-, 7/2-	36

193PT 37				0.755	5/2-,7/2-	37
193PT 38				0.828	(5/2-,7/2-)	38
193PT 39		0.846	3/2-			39
193PT 40				0.907	(17/2+)	40

193PT 41		0.923	3/2-			41
193PT 42				0.969		42
193PT 43				0.980	(19/2+)	43
193PT 44				0.984		44
193PT 45				1.003	(21/2+)	45
193PT 46				1.014		46
193PT 47				1.021		47
193PT 48				1.042	11/2+,13/2+	48
193PT 49				1.053		49
193PT 50				1.069	(5/2-,7/2-)	50

193PT 51				1.099	(5/2-,7/2-)	51
193PT 52				1.104	(+)	52
193PT 53				1.130	(5/2-,7/2-)	53
193PT 54				1.160	(19/2+)	54
193PT 55				1.168	(1/2-,3/2-)	55
193PT 56				1.182	(3/2)-	56
193PT 57				1.188		57
193PT 58				1.219		58
193PT 59				1.222	1/2-,3/2-	59
193PT 60				1.245	(5/2-,7/2-)	60

193PT 61				1.259		61
193PT 62				1.320	5/2-,7/2-	62
193PT 63				1.320	1/2-,3/2-	63
193PT 64				1.321	(21/2-)	64
193PT 65				1.333		65
193PT 66				1.359	11/2+,13/2+	66
193PT 67				1.364		67
193PT 68				1.425		68
193PT 69				1.442		69
193PT 70				1.455	(25/2-)	70 3.2 NS 3

193PT 71		1.457	1/2-			71
193PT 72				1.510		72
193PT 73		1.534	1/2-			73
193PT 74		1.557	1/2-			74
193PT 75				1.561		75
193PT 76				1.585	1/2-,3/2-	76
193PT 77				1.610		77
193PT 78				1.632	(25/2+)	78
193PT 79				1.668		79
193PT 80				1.690	(27/2-)	80

193PT 81				1.744	5/2-,7/2-	81

193PT	82				1.777		82
193PT	83				1.913		83
193PT	84				1.987		84
193PT	85				1.992	(29/2-)	85
193PT	86				2.335	(29/2+)	86
193PT	87				2.337		87
193PT	88				2.696	(33/2+)	88
193PT	89				3.129	(37/2+)	89

S-p = 6.933 (0.002)-----
 S-n = 6.262 (0.003)-----
 S-2p = 12.662 (0.002)-----
 S-2n = 14.924 (0.004)-----
 S-alpha= -2.082 (0.002)-----

S+p = -5.021 (0.003)
 S+n = -8.352 (0.001)
 S+2p = -11.112 (0.023)
 S+2n = -14.457 (0.001)
 S+alpha = 1.515 (0.003)

gap p = 1.912 (0.003)
 gap n = -2.089 (0.003)
 gap 2p = 1.551 (0.023)
 gap 2n = 0.467 (0.005)
 gap alpha = -0.568 (0.004)