

<sup>195</sup>Pt      Z = 78      N = 117      adopted link      ENSDF link

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

BE = 1545.678 ( 0.001) MeV

	Energy T	J+	J-	J-other	T1/2
-----					
S-alpha=	-1.176	( 0.001)	-----		
195PT 1			0.000	1/2-	1 STABLE
195PT 2			0.099	3/2-	2 0.170 NS 19
195PT 3			0.130	5/2-	3 0.67 NS 3
195PT 4			0.200	3/2-	4 0.66 NS 14
195PT 5			0.211	3/2-	5 49 PS 8
195PT 6			0.222	1/2-	6
195PT 7			0.239	5/2-	7 70 PS 9
195PT 8	0.259	13/2+			8 4.010 D 5
195PT 9			0.389	5/2-	9 9 PS 4
195PT 10			0.420	3/2-	10 54 PS 8
-----					
195PT 11	0.432	9/2+			11
195PT 12				0.432 (17/2+)	12
195PT 13				0.450 (7/2)-	13
195PT 14			0.455	5/2-	14 10.5 PS GT
195PT 15				0.508 5/2-,7/2-	15 9.5 PS 22
195PT 16			0.525	3/2-	16
195PT 17				0.539	17
195PT 18				0.544 (5/2-)	18 2.8 PS GT
195PT 19				0.547 (11/2+)	19
195PT 20			0.563	9/2-	20 14 PS 3
-----					
195PT 21			0.591	3/2-	21
195PT 22				0.613 (7/2)-	22 6 PS 3
195PT 23	0.628	17/2+			23
195PT 24				0.630 1/2-,3/2-	24
195PT 25				0.632 1/2-,3/2-	25
195PT 26				0.664 (5/2-,7/2-)	26
195PT 27				0.667 (9/2-)	27 16 PS 4
195PT 28				0.678 5/2-,7/2-	28 72.8 PS GT
195PT 29				0.695 (7/2)-	29
195PT 30				0.740 1/2-,3/2-	30
-----					
195PT 31	0.758	15/2+			31
195PT 32				0.766 (7/2)-	32
195PT 33				0.793 11/2+,13/2+	33
195PT 34			0.793	3/2-	34
195PT 35			0.814	9/2-	35
195PT 36	0.822	5/2+			36
195PT 37				0.875 5/2-,7/2-	37

195PT 38				0.895		9/2-				38
195PT 39								0.915		39
195PT 40								0.925	(5/2-,7/2-)	40
-----										
195PT 41								0.927	1/2-,3/2-	41
195PT 42								0.931	(9/2)-	42
195PT 43								0.971	5/2-,7/2-	43
195PT 44								1.016	(5/2-,7/2-)	44
195PT 45								1.049		45
195PT 46								1.058	5/2-,7/2-	46
195PT 47								1.092	(5/2 TO 13/2)	47
195PT 48								1.096	1/2-,3/2-	48
195PT 49								1.123	3/2+,5/2+	49
195PT 50								1.132	1/2-,3/2-	50
-----										
195PT 51								1.151	1/2-,3/2-	51
195PT 52								1.156		52
195PT 53								1.160	1/2-,3/2-	53
195PT 54								1.166	1/2+,3/2+	54
195PT 55		1.187		19/2+						55
195PT 56								1.189	5/2-,7/2-	56
195PT 57		1.206		21/2+						57
195PT 58								1.271	1/2-,3/2-	58
195PT 59								1.288	1/2-,3/2-	59
195PT 60								1.294	1/2-,3/2-	60
-----										
195PT 61								1.306		61
195PT 62								1.313	1/2+,3/2+	62
195PT 63								1.321	1/2-,3/2-	63
195PT 64								1.335	1/2-,3/2-	64
195PT 65								1.347	1/2,3/2	65
195PT 66								1.373	1/2-,3/2-	66
195PT 67								1.378	11/2+,13/2+	67
195PT 68						1.392			21/2-	68
195PT 69								1.411	1/2-,3/2-	69
195PT 70								1.425	1/2-,3/2-	70
-----										
195PT 71								1.438	1/2,3/2	71
195PT 72								1.445	1/2-,3/2-	72
195PT 73								1.505		73
195PT 74						1.536			25/2-	74
195PT 75								1.577	1/2-,3/2-	75
195PT 76								1.590		76
195PT 77								1.681	11/2+,13/2+	77
195PT 78								1.766	(1/2-,3/2-)	78
195PT 79								1.785		79
195PT 80								1.840	1/2-,3/2-	80
-----										
195PT 81								1.872	(5/2-,7/2-)	81
195PT 82								1.899	(9/2+)	82

195PT	83				1.911		83
195PT	84				1.916	(25/2+)	84
195PT	85		1.947	29/2-			85
195PT	86				1.972	1/2-,3/2-	86
195PT	87				2.128	11/2+,13/2+	87
195PT	88				2.291		88
195PT	89				2.330		89
195PT	90				2.390		90
-----							
195PT	91				2.437		91
195PT	92		2.593	33/2-			92

S-p = 7.551 ( 0.001)-----  
 S-n = 6.105 ( 0.001)-----  
 S-2p = 13.978 ( 0.002)-----  
 S-2n = 14.457 ( 0.001)-----  
 S-alpha= -1.176 ( 0.001)-----

S+p = -5.634 ( 0.003)  
 S+n = -7.922 ( 0.001)  
 S+2p = -12.324 ( 0.003)  
 S+2n = -13.769 ( 0.001)  
 S+alpha = 0.823 ( 0.001)

gap p = 1.917 ( 0.003)  
 gap n = -1.817 ( 0.001)  
 gap 2p = 1.653 ( 0.004)  
 gap 2n = 0.688 ( 0.002)  
 gap alpha = -0.354 ( 0.001)