

^{195}Pb $Z = 82$ $N = 113$ adopted link ENSDF link

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

BE = 1533.493 (0.005) MeV

Qbeta+ = 4.417 (0.012) MeV

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

S-alpha=	-4.429	(0.023)	-----		
195PB 1			0.000	3/2-	1 15 M AP
195PB 2				0.135 (5/2)-	2
195PB 3	0.203	13/2+			3 15.0 M 12
195PB 4				0.329 1/2-,3/2-,5/2-	4
195PB 5				0.830 (7/2)-	5
195PB 6				0.967 (3/2,5/2)-	6
195PB 7				0.979 (11/2)+	7
195PB 8				1.010 (1/2 TO 7/2)-	8
195PB 9				1.011 (9/2)+	9
195PB 10	1.093	13/2+			10

195PB 11				1.096 3/2-,5/2-,7/2-	11
195PB 12				1.120 9/2-, (1/2 TO 7/2)	12)-
195PB 13	1.173	17/2+			13
195PB 14				1.180 (1/2 TO 7/2)-	14
195PB 15				1.213 (1/2 TO 7/2)-	15
195PB 16				1.308 (3/2,5/2,7/2)-	16
195PB 17				1.329 (9/2)+	17
195PB 18				1.380 (11/2)+	18
195PB 19				1.391 (7/2)+	19
195PB 20				1.429 (3/2,5/2,7/2)-	20

195PB 21				1.443 (5/2 TO 13/2)+	21
195PB 22				1.567 (9/2,11/2)+	22
195PB 23				1.645 (7/2 TO 11/2)+	23
195PB 24				1.670 (3/2 TO 11/2)-	24
195PB 25	1.754	21/2+			25
195PB 26			1.759	21/2-	26 10.0 US 7
195PB 27				1.780 (-)	27
195PB 28				1.884 (23/2-)	28
195PB 29				2.186 (23/2-)	29
195PB 30				2.372 (25/2+)	30

195PB 31			2.413	27/2-	31 2.3 NS 7
195PB 32				2.463 23/2	32
195PB 33	2.469	23/2+			33
195PB 34	2.572	25/2+			34
195PB 35			2.805	27/2-	35
195PB 36	2.815	29/2+			36

195PB 37		2.902	33/2+					37	95 NS	20
195PB 38		2.903	27/2+					38		
195PB 39				2.968	27/2-			39		
195PB 40		3.054	29/2+					40		

195PB 41		3.063	29/2+					41		
195PB 42				3.098	29/2-			42		
195PB 43						3.150		43		
195PB 44				3.362	31/2-			44		
195PB 45						3.496		45		
195PB 46		3.647	31/2+					46		
195PB 47				3.734	33/2-			47		
195PB 48		3.787	33/2+					48		
195PB 49		3.868	33/2+					49		
195PB 50						3.904		50		

S-p	=	4.090	(0.015)	-----						
195PB 51				4.120	35/2-			51		
195PB 52						4.199		52		
195PB 53		4.411	35/2+					53		
195PB 54						4.432		54		
195PB 55						4.465	(33/2-)	55		
195PB 56						4.500		56		
195PB 57						4.524		57		
195PB 58						4.559	(35/2-)	58		
195PB 59						4.566	(37/2)-	59		
195PB 60						4.693	(37/2-)	60		

195PB 61						4.834		61		
195PB 62						4.865	(39/2-)	62		
195PB 63						4.967	(39/2)	63		
195PB 64						5.107	(41/2-)	64		
195PB 65						5.123	(39/2-)	65		
195PB 66						5.270	(41/2-)	66		
195PB 67						5.412	(43/2-)	67		
195PB 68						5.468	(43/2-)	68		
195PB 69						5.702	(45/2-)	69		
195PB 70						5.770	(45/2-)	70		

195PB 71						5.978	(47/2-)	71		
195PB 72						6.144	(47/2-)	72		
195PB 73						6.308	(49/2-)	73		
195PB 74						6.529	(49/2-)	74		
195PB 75						6.674	(51/2-)	75		
195PB 76						6.906	(51/2-)	76		
195PB 77						7.091	(53/2-)	77		

S-2p	=	7.254	(0.016)	-----						
195PB 78						7.280	(53/2-)	78		
195PB 79						7.538	(55/2-)	79		

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S-p    =  4.090 ( 0.015)-----  
S-n    =  7.602 ( 0.018)-----  
S-2p   =  7.254 ( 0.016)-----  
S-2n   = 17.651 ( 0.011)-----  
S-alpha= -4.429 ( 0.023)-----  
  
S+p     = -1.560 ( 0.025)  
S+n     = -9.681 ( 0.009)  
S+2p    = -4.233 ( 0.011)  
S+2n    = -17.150 ( 0.007)  
S+alpha =  6.074 ( 0.007)  
  
gap p   =  2.530 ( 0.029)  
gap n   = -2.080 ( 0.020)  
gap 2p  =  3.021 ( 0.020)  
gap 2n  =  0.501 ( 0.013)  
gap alpha =  1.646 ( 0.024)
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