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

Based on ensdf_240402 (Apr 2024), 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	
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/ 31	
193PT 32					0.692 (11/2+,13 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/	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/	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	

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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)
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