

^{192}Hg $Z = 80$ $N = 112$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 1519.117 (0.016) MeV

Qbeta+ = 0.761 (0.022) MeV

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

S-alpha=	-3.385	(0.016)	-----		
192HG 1	0.000	0+			1 4.85 H 20
192HG 2	0.423	2+			2
192HG 3	1.058	4+			3
192HG 4				1.114 (2)+	4
192HG 5				1.535 (3)+	5
192HG 6				1.733 (4)+	6
192HG 7	1.803	6+			7
192HG 8				1.832 (2+,3,4+)	8
192HG 9				1.844 (5)-	9
192HG 10				1.845 (3,4)	10

192HG 11				1.909 1,2+	11
192HG 12				1.977 (7)-	12 1.04 NS 6
192HG 13				1.987 (6-)	13
192HG 14				2.056 (1,2+)	14
192HG 15				2.082 (1,2+)	15
192HG 16				2.187 (6)-	16
192HG 17				2.216 (8)-	17 0.92 NS 5
192HG 18				2.224 (9)-	18
192HG 19				2.277 1,2+	19
192HG 20				2.285	20

192HG 21				2.301 (6,7,8)-	21
192HG 22	2.447	8+			22
192HG 23				2.507 (10)+	23 3.6 NS 5
192HG 24				2.534	24
192HG 25				2.536 (12+)	25 11.1 NS 5
192HG 26				2.633 (10-)	26
192HG 27				2.657	27
192HG 28				2.757 (11-)	28
192HG 29				2.902 (10+)	29
192HG 30				2.952 (14+)	30

192HG 31				3.047 (12+)	31
192HG 32				3.262 (12-)	32
192HG 33				3.450 (13-)	33
192HG 34				3.609 (16+)	34
192HG 35				3.670 (14+)	35
192HG 36				3.726 (14+)	36

192HG	37				3.895	(14-)	37		
192HG	38				3.985	(14-)	38		
192HG	39				4.010	(15-)	39		
192HG	40				4.090	(16-)	40	0.39 NS	4

192HG	41				4.131	(16+)	41		
192HG	42				4.217	(17-)	42		
192HG	43				4.388	(18-)	43		
192HG	44				4.389	(18+)	44		
192HG	45				4.520	(17-)	45		
192HG	46				4.588	(19-)	46		
192HG	47				4.742	(18+)	47		
192HG	48				4.951	(20-)	48		
192HG	49				5.022	(19-)	49		
192HG	50				5.131	(20+)	50		

192HG	51				5.216	(21-)	51		
192HG	52				5.272	(20+)	52		
192HG	53				5.317	(20+)	53		
S-p	=	5.502	(0.016)	-----				
192HG	54				5.543	(21-)	54		
192HG	55				5.587	(20+)	55		
192HG	56				5.655	(22)-	56		
192HG	57				5.701	(22)+	57		
192HG	58				5.788	(22+)	58		
192HG	59				6.012	(23-)	59		
192HG	60				6.113	(22+)	60		

192HG	61				6.126	(23-)	61		
192HG	62				6.234	(22+)	62		
192HG	63				6.295	(22+)	63		
192HG	64				6.303	(22+)	64		
192HG	65				6.428	(24)+	65		
192HG	66				6.433	(23+)	66	10 PS	+4 -3
192HG	67				6.438	(24-)	67		
192HG	68				6.709	(24+)	68	14 PS	+3-4
192HG	69				6.855	(25-)	69		
192HG	70				6.878	(23-)	70		

192HG	71				6.949	(25-)	71		
192HG	72				7.035	(24-)	72		
192HG	73				7.043	(25+)	73	0.7 PS	+7-11
192HG	74				7.268	(26-)	74		
192HG	75				7.273	(25-)	75		
192HG	76				7.320	(26+)	76		
192HG	77				7.435	(26+)	77	2.5 PS	+13-7
192HG	78				7.516	(26-)	78		
192HG	79				7.685	(25-,26-)	79		
192HG	80				7.722	(27-)	80		

192HG 81				7.788	(27-)	81		
192HG 82				7.820	(27-)	82		
192HG 83				7.838	(27-)	83		
192HG 84				7.927	(28-)	84		
192HG 85				7.959	(27+)	85	1.2 PS	10
192HG 86				8.181	(28+)	86		
192HG 87				8.195	(28-)	87		
192HG 88				8.208	(28-)	88		
192HG 89				8.224	(28-)	89		
192HG 90				8.264	(29-)	90		

192HG 91				8.303	(28+)	91	0.5 PS	5
192HG 92				8.331	(28+)	92		
192HG 93				8.543	(30-)	93		
192HG 94				8.631	(29-)	94		
192HG 95				8.693	(29-)	95		
192HG 96				8.713	(29+)	96	0.14 PS	+49-14
192HG 97				8.961	(30+)	97	0.9 PS	4
192HG 98				8.990	(31-)	98		
192HG 99				9.196	(31+)	99	2.4 PS	+4-3
S-2p =	9.283	(0.016)	-----					
192HG 100				9.376	(32+)	100	1.5 PS	3

192HG 101				9.443	(32-)	101		
S-n =	9.491	(0.027)	-----					
192HG 102				9.666	(33+)	102		
192HG 103				9.933	(33-)	103		
192HG 104				10.038	(34+)	104		
192HG 105				10.464	(34-)	105		
192HG 106				X		106		
192HG 107				214.4+X		107	77 PS	LT
192HG 108				472.2+X		108	3.7 PS	+8-6
192HG 109				772.3+X		109	1.74 PS	+22-17
192HG 110				1113.7+X		110	0.84 PS	+22-20

192HG 111				1495.3+X		111	0.48 PS	+62-13
192HG 112				1916.4+X		112		
192HG 113				2375.2+X		113	0.18 PS	+5-4
192HG 114				2871.2+X		114	0.137 PS	+17-21
192HG 115				3403.3+X		115	0.093 PS	+10-14
192HG 116				3970.7+X		116	0.068 PS	+10-11
192HG 117				4572.4+X		117	0.062 PS	+10-7
192HG 118				5207.3+X		118	0.050 PS	+10-12
192HG 119				5875.4+X		119	0.031 PS	+9-8
192HG 120				6575.5+X		120	0.032 PS	+9-8

192HG 121				7307.0+X		121	0.021 PS	+11-21
192HG 122				8069.3+X		122	0.019 PS	+18-19
192HG 123				8862.0+X		123		
192HG 124				9684.9+X		124		

192HG 125			10538.0+X	125	
192HG 126			11426.7+X	126	
192HG 127			Y	127	
192HG 128			241.2+Y	128	
192HG 129			523.6+Y	129	
192HG 130			845.7+Y	130	

192HG 131			1207.0+Y	131	
192HG 132			1607.2+Y	132	
192HG 133			2045.2+Y	133	
192HG 134			2520.4+Y	134	0.14 PS 4
192HG 135			3031.4+Y	135	0.15 PS +5-3
192HG 136			3578.1+Y	136	0.100 PS14
192HG 137			4156.9+Y	137	0.064 PS8
192HG 138			4761.3+Y	138	0.052 PS +6-7
192HG 139			5385.5+Y	139	0.044 PS 6
192HG 140			6037.7+Y	140	

192HG 141			6722.0+Y	141	
192HG 142			7439.7+Y	142	
192HG 143			8189.5+Y	143	
192HG 144			8972.6+Y	144	
192HG 145			9791.6+Y	145	
192HG 146			Z	146	
192HG 147			333.1+Z	147	
192HG 148			705.9+Z	148	
192HG 149			1118.0+Z	149	
192HG 150			1568.6+Z	150	

192HG 151			2056.9+Z	151	
192HG 152			2582.4+Z	152	
192HG 153			3144.1+Z	153	
192HG 154			3741.4+Z	154	
192HG 155			4371.5+Z	155	
192HG 156			5030.5+Z	156	
192HG 157			5711.5+Z	157	

S-p = 5.502 (0.016)-----
S-n = 9.491 (0.027)-----
S-2p = 9.283 (0.016)-----
S-2n = 16.783 (0.022)-----
S-alpha= -3.385 (0.016)-----

S+p = -2.755 (0.017)
S+n = -7.122 (0.022)
S+2p = -6.775 (0.023)
S+2n = -16.315 (0.016)
S+alpha = 4.238 (0.017)

gap p = 2.748 (0.024)
gap n = 2.369 (0.035)
gap 2p = 2.508 (0.028)
gap 2n = 0.468 (0.027)
gap alpha = 0.854 (0.024)