

^{192}Hg $Z = 80$ $N = 112$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

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	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

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	=		-6.774	(0.023)					
S+2n	=		-16.315	(0.016)					
S+alpha	=		4.238	(0.017)					

gap p	=		2.748	(0.023)					
gap n	=		2.369	(0.035)					
gap 2p	=		2.508	(0.028)					
gap 2n	=		0.468	(0.027)					
gap alpha	=		0.854	(0.024)					