

^{184}Hg $Z = 80$ $N = 104$ [link to full NNDC output](#)

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

BE = 1448.884 (0.010) MeV

Qbeta+ = 3.970 (0.024) MeV

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

S-alpha=	-5.662	(0.015)	-----		
184HG 1	0.000	0+			1 30.87 S 26
184HG 2	0.367	2+			2 21 PS 5
184HG 3	0.375	0+			3 0.62 NS 21
184HG 4	0.534	2+			4
184HG 5	0.654	4+			5 22.7 PS 24
184HG 6				0.984 (1,2+)	6
184HG 7	0.994	6+			7 5.6 PS 21
184HG 8	1.087	4+			8
184HG 9				1.300 (3,4+)	9
184HG 10	1.412	8+			10 2.0 PS +8-11

184HG 11				1.413 (5)	11
184HG 12	1.549	6+			12
184HG 13				1.654 (5,6+)	13
184HG 14				1.751 (6+)	14
184HG 15				1.803 (7)	15
184HG 16				1.817 (5,6+)	16
184HG 17				1.848 5	17
184HG 18				1.873 (7)	18
184HG 19	1.901	10+			19 0.83 PS +17-26
184HG 20				2.007 (8)	20

184HG 21	2.057	8+			21
184HG 22				2.063 (6)	22
184HG 23				2.121 7	23
184HG 24				2.171 (9)	24
184HG 25				2.256 (9)	25
184HG 26				2.362 (10)	26
184HG 27				2.375 (8)	27
184HG 28				2.450 9	28
184HG 29	2.453	12+			29 0.47 PS +11-17
184HG 30				2.579 (11)	30

184HG 31	2.612	10+			31
184HG 32				2.754 (10)	32
184HG 33				2.767 (11)	33
184HG 34				2.811 (12)	34
184HG 35				2.850 11	35
184HG 36				2.967 (10)	36

184HG	37	3.057	14+				37	0.32 PS	+10-13
184HG	38					3.066 (13)	38		
184HG	39					3.185 (12)	39		
184HG	40					3.296 13	40		

184HG	41					3.330 (13)	41		
184HG	42					3.331 (14)	42		
184HG	43					3.407 (12)	43		
S-p	=	3.446	(0.014)	-----					
184HG	44					3.620 (15)	44		
184HG	45					3.635 (14)	45		
184HG	46	3.703	16+				46	0.25 PS	+8-14
184HG	47					3.705 15	47		
184HG	48					3.796 (15)	48		
184HG	49					3.907 (14)	49		
184HG	50					3.909 (16)	50		

184HG	51					3.936 (15)	51		
184HG	52					4.125 (16)	52		
184HG	53					4.167 17	53		
184HG	54					4.228 (17)	54		
184HG	55					4.365 (17)	55		
184HG	56	4.377	18+				56	0.187 PS	21
184HG	57					4.463 (16)	57		
184HG	58					4.530 (18)	58		
184HG	59					4.565 (17)	59		
184HG	60					4.673 (18)	60		

184HG	61					4.700 19	61		
S-2p	=	4.758	(0.017)	-----					
184HG	62					4.862 (19)	62		
184HG	63					4.958 (19)	63		
184HG	64	5.064	20+				64		
184HG	65					5.071 (18)	65		
184HG	66					5.183 (20)	66		
184HG	67					5.199 (19)	67		
184HG	68					5.263 (20)	68		
184HG	69					5.298 21	69		
184HG	70					5.598 (21)	70		

184HG	71					5.700 (20)	71		
184HG	72	5.772	22+				72		
184HG	73					5.863 (22)	73		
184HG	74					5.878 (21)	74		
184HG	75					5.881 (22)	75		
184HG	76					5.952 23	76		
184HG	77	6.516	24+				77		
184HG	78					6.654 (25)	78		
184HG	79					7.318 (26+)	79		

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S-p    =  3.446 ( 0.014)-----  
S-n    = 10.616 ( 0.012)-----  
S-2p   =  4.758 ( 0.017)-----  
S-2n   = 18.915 ( 0.014)-----  
S-alpha= -5.662 ( 0.015)-----  
  
S+p    = -0.698 ( 0.023)  
S+n    = -7.906 ( 0.017)  
S+2p   = -2.911 ( 0.015)  
S+2n   = -18.333 ( 0.015)  
S+alpha =  6.109 ( 0.015)  
  
gap p   =  2.748 ( 0.027)  
gap n   =  2.710 ( 0.021)  
gap 2p  =  1.847 ( 0.022)  
gap 2n  =  0.582 ( 0.021)  
gap alpha =  0.447 ( 0.021)
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