^{204}Hg $Z = 80$ $N = 124$ link to full NNDC output

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

BE = 1608.651 (0.000) MeV

	Energy T	J+	J-	J-other		T1/2	
204HG 1	0.000	0+			1	STABLE	
204HG 2	0.437	2+			2	40.3 PS	3
S-alpha= 0.516 (0.020)							
204HG 3	1.128	4+			3	2.91 PS	21
204HG 4	1.636	0+			4		
204HG 5				1.717 (2+)	5		
204HG 6				1.829 (2-)	6		
204HG 7	1.841	1+			7		
204HG 8				1.851 (2,3)+	8		
204HG 9	1.948	2+			9		
204HG 10				1.989 (2+)	10		
204HG 11	2.089	2+			11		
204HG 12				2.094 (3)+	12		
204HG 13	2.117	2+			13		
204HG 14				2.131 (1+,2+)	14		
204HG 15				2.141 (1+,2+,3+)	15		
204HG 16	2.191	6+			16	0.30 PS	4
204HG 17				2.236 3,4,5	17		
204HG 18			2.263 5-		18		
204HG 19				2.264 (1,2,3)	19		
204HG 20				2.296	20		
204HG 21				2.300 (2+,3)	21		
204HG 22			2.301 7-		22	6.8 NS	3
204HG 23				2.359 (0+)	23		
204HG 24				2.386 1+,2+	24		
204HG 25				2.396 1,2,3	25		
204HG 26				2.465 (2)+	26		
204HG 27				2.514 (2+,4+,6+)	27		
204HG 28				2.569 3+,5+	28		
204HG 29				2.628 (1+)	29		
204HG 30				2.657 (2)+	30		
204HG 31			2.675 3-		31		
204HG 32				2.710	32		
204HG 33				2.724 (GE 5)	33		
204HG 34				2.727 (2+,3)	34		
204HG 35				2.761 (5)-	35		
204HG 36			2.813 3-		36		
204HG 37				2.866	37		

204HG	38				2.909	(GE 2)	38
204HG	39				2.914	(GE 3)	39
204HG	40	3.021	4+				40
204HG	41				3.033	(4,5,6)-	41
204HG	42				3.112	(4+)	42
204HG	43				3.174		43
204HG	44				3.190	(2)+	44
204HG	45				3.227	(5-)	45
204HG	46				3.315	(3-)	46
204HG	47			3.364	5-		47
204HG	48				3.417		48
204HG	49				3.439		49
204HG	50				3.468	(2)+	50
204HG	51				3.496		51
204HG	52				3.528		52
204HG	53				3.585		53
204HG	54				3.618		54
204HG	55				3.664		55
204HG	56				3.689		56
204HG	57				3.697		57
204HG	58				3.712		58
204HG	59				3.750		59
204HG	60				3.779	(2)+	60
204HG	61				3.833		61
204HG	62				3.869	(0,2)+	62
204HG	63				3.923		63
204HG	64				3.954		64
204HG	65				4.033		65
204HG	66	4.113	4+				66
204HG	67				4.164		67
204HG	68				4.225		68
204HG	69				4.262		69
204HG	70				4.321		70
204HG	71				4.356		71
204HG	72				4.380		72
204HG	73				4.406		73
204HG	74				4.493		74
204HG	75				4.539		75
204HG	76				4.610		76
204HG	77				4.663		77
204HG	78				4.700		78
204HG	79				4.723		79
204HG	80				4.815		80
204HG	81				4.895		81
204HG	82				4.915		82

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204HG  83 |                |                |   4.960                    83


S-p    =   8.836 ( 0.003)-------------------------------------------------------------------
S-n    =   7.492 ( 0.002)-------------------------------------------------------------------
S-2p   =  16.576 ( 0.025)-------------------------------------------------------------------
S-2n   =  13.487 ( 0.001)-------------------------------------------------------------------
S-alpha=   0.516 ( 0.020)-------------------------------------------------------------------

S+p       =  -6.420 ( 0.001)
S+n       =  -5.669 ( 0.004)
S+2p      = -13.673 ( 0.001)
S+2n      = -12.398 ( 0.020)
S+alpha   =   0.516 ( 0.001)

gap p     =   2.416 ( 0.003)
gap n     =   1.823 ( 0.004)
gap 2p    =   2.903 ( 0.025)
gap 2n    =   1.089 ( 0.020)
gap alpha =   1.032 ( 0.020)
```