

^{191}Hg $Z = 80$ $N = 111$ adopted link ENSDF link

Based on ENSDF from Oct 2022, and mass evaluation from 2020

BE = 1509.626 (0.022) MeV

Qbeta+ = 3.206 (0.023) MeV

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

S-alpha=	-3.669	(0.033)	-----		
191HG 1				0.000 3/2(-)	1 49 M 10
191HG 2				0.052 (5/2-)	2 0.42 NS 4
191HG 3				0.104 (1/2-)	3
191HG 4				0.336 (5/2-)	4
191HG 5				0.375 (3/2-)	5
191HG 6				0.378 (7/2-)	6
191HG 7				0.430 (1/2-,3/2-,5/2)	7-)
191HG 8				0.563 (7/2-)	8
191HG 9				0.632 (9/2-)	9
191HG 10				0.659 (9/2-)	10

191HG 11				0.692	11
191HG 12				0.911	12
191HG 13				0.952 (9/2-)	13
191HG 14				0.997 (5/2-,7/2-,9/2)	14-)
191HG 15				1.016 (11/2-)	15
191HG 16				1.076	16
191HG 17				1.081	17
191HG 18				1.107 (7/2-,9/2-,11/2)	18-)
191HG 19				1.146	19
191HG 20				1.178	20

191HG 21				1.193	21
191HG 22				1.212	22
191HG 23				1.318 (5/2-,7/2-,9/2-	23)
191HG 24				1.320 (13/2-)	24
191HG 25				1.844	25
191HG 26				2.412	26
191HG 27				2.423	27
191HG 28				2.440	28
191HG 29				2.441	29
191HG 30				2.443	30

191HG 31				2.460	31
191HG 32				2.475	32
191HG 33				2.476	33
191HG 34				2.477	34
191HG 35				2.543	35

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S-p    =  5.047 ( 0.023)-----  
S-n    =  7.292 ( 0.027)-----  
S-2p   =  8.700 ( 0.024)-----  
S-2n   = 17.108 ( 0.039)-----  
S-alpha= -3.669 ( 0.033)-----  
  
S+p     = -2.569 ( 0.039)  
S+n     = -9.491 ( 0.027)  
S+2p    = -6.215 ( 0.025)  
S+2n    = -16.613 ( 0.027)  
S+alpha  =  4.429 ( 0.023)  
  
gap p   =  2.478 ( 0.045)  
gap n   = -2.198 ( 0.039)  
gap 2p  =  2.485 ( 0.035)  
gap 2n  =  0.495 ( 0.047)  
gap alpha =  0.760 ( 0.040)
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