^{185}Hg $Z = 80$ $N = 105$ adopted link ENSDF link

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

BE = 1456.790 (0.014) MeV
Qbeta+ = 5.674 (0.014) MeV

	Energy	T	J+		J-		J-other		T1/2	
S-alpha= -5.773 (0.019)										
185HG 1				0.000	1/2-			1	49.1 S	10
185HG 2				0.026	3/2-			2		
185HG 3						0.034	(7/2)-	3		
185HG 4						0.096	(5/2)-	4		
185HG 5	0.099		13/2+					5	21.6 S	15
185HG 6						0.141	(9/2)-	6		
185HG 7						0.213	(9/2+)	7		
185HG 8						0.281	(11/2)-	8		
185HG 9						0.329	(9/2)-	9		
185HG 10						0.413	(11/2+)	10		
185HG 11						0.436	(13/2)-	11		
185HG 12						0.480	(17/2)+	12		
185HG 13						0.541	(17/2)+	13		
185HG 14						0.550	(15/2+)	14		
185HG 15						0.613	(15/2)-	15		
185HG 16						0.634	(13/2)-	16		
185HG 17						0.807	(17/2)-	17		
185HG 18						0.907	(19/2)+	18		
185HG 19						1.015	(17/2)-	19		
185HG 20						1.020	(19/2)-	20		
185HG 21						1.031	(21/2)+	21		
185HG 22						1.093	(21/2+)	22		
185HG 23						1.248	(21/2)-	23		
185HG 24						1.360	(23/2)+	24		
185HG 25						1.461	(21/2)-	25		
185HG 26						1.495	(23/2)-	26		
185HG 27						1.514	(25/2)+	27		
185HG 28						1.753	(25/2)-	28		
185HG 29						1.886	(27/2)+	29		
185HG 30						1.955	(25/2)-	30		
185HG 31						2.029	(27/2)-	31		
185HG 32						2.052	(29/2)+	32		
185HG 33						2.310	(29/2)-	33		
185HG 34						2.479	(31/2)+	34		
185HG 35						2.480	(29/2)-	35		
185HG 36						2.612	(31/2)-	36		

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185HG  37 |                |                |   2.648     (33/2)+         37
185HG  38 |                |                |   2.909     (33/2)-         38
185HG  39 |                |                |   3.027     (33/2)-         39
185HG  40 |                |                |   3.124     (35/2+)         40
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S-p    =   3.154 ( 0.026)-------------------------------------------------------------------------
185HG  41 |                |                |   3.236     (35/2)-         41
185HG  42 |                |                |   3.295     (37/2)+         42
185HG  43 |                |                |   3.533     (37/2)-         43
185HG  44 |                |                |   3.617                     44
185HG  45 |                |                |   3.811                     45
185HG  46 |                |                |   3.867                     46
185HG  47 |                |                |   3.899                     47
185HG  48 |                |                |   3.983                     48
185HG  49 |                |                |   4.177                     49
185HG  50 |                |                |   4.581                     50
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185HG  51 |                |                |   4.703                     51


S-p    =   3.154 ( 0.026)-------------------------------------------------------------------------
S-n    =   7.910 ( 0.017)-------------------------------------------------------------------------
S-2p   =   4.988 ( 0.020)-------------------------------------------------------------------------
S-2n   =  18.522 ( 0.015)-------------------------------------------------------------------------
S-alpha=  -5.773 ( 0.019)-------------------------------------------------------------------------

S+p       =  -0.988 ( 0.025)
S+n       = -10.427 ( 0.018)
S+2p      =  -3.381 ( 0.015)
S+2n      = -18.078 ( 0.019)
S+alpha   =   5.915 ( 0.020)

gap p     =   2.166 ( 0.036)
gap n     =  -2.516 ( 0.024)
gap 2p    =   1.607 ( 0.024)
gap 2n    =   0.444 ( 0.024)
gap alpha =   0.142 ( 0.028)
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