

$^{176}\text{Hg}$        $Z = 80$        $N = 96$       adopted link      ENSDF link

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

BE = 1369.749 ( 0.011) MeV

Qbeta+ = 6.736 ( 0.035) MeV

	Energy T	J+	J-	J-other	T1/2
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S-alpha=	-6.897	( 0.015)	-----		
176HG 1	0.000	0+			1 20.3 MS 14
176HG 2	0.613	2+			2
S-2p =	1.045	( 0.015)	-----		
176HG 3	1.370	4+			3
S-p =	1.670	( 0.040)	-----		
176HG 4	1.921	6+			4
176HG 5				2.374 (8+)	5
176HG 6				2.451	6
176HG 7				2.852	7
176HG 8				2.874 (10+)	8

S-p = 1.670 ( 0.040)-----  
 S-n = 11.886 ( 0.082)-----  
 S-2p = 1.045 ( 0.015)-----  
 S-2n = 21.286 ( 0.022)-----  
 S-alpha= -6.897 ( 0.015)-----

S+p = 1.156 ( 0.024)  
 S+n = -9.062 ( 0.085)  
 S+2p = 0.780 ( 0.026)  
 S+2n = -20.673 ( 0.015)  
 S+alpha = 7.419 ( 0.017)

gap p = 2.826 ( 0.047)  
 gap n = 2.824 ( 0.118)  
 gap 2p = 1.825 ( 0.030)  
 gap 2n = 0.613 ( 0.027)  
 gap alpha = 0.522 ( 0.023)