

^{177}Hg $Z = 80$ $N = 97$ adopted link ENSDF link

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

BE = 1378.811 (0.085) MeV

Qbeta+ = 8.770 (0.085) MeV

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

S-alpha=	-6.736 (0.106)				
177HG 1			0.000 7/2-		1 117 MS 7
177HG 2			0.077 9/2-		2
177HG 3	0.323	13/2+			3 1.50 US 15
177HG 4				0.698 (13/2-)	4
177HG 5				0.961 (17/2+)	5
177HG 6				1.162 (17/2-)	6
177HG 7				1.496 (21/2+)	7
S-p =	1.544 (0.091)				
177HG 8				1.631 (21/2-)	8
S-2p =	1.645 (0.087)				
177HG 9				1.946 (25/2+)	9
177HG 10				2.441 (29/2+)	10

177HG 11				2.990 (33/2+)	11
177HG 12				3.588 (37/2+)	12

S-p = 1.544 (0.091)-----
 S-n = 9.062 (0.085)-----
 S-2p = 1.645 (0.087)-----
 S-2n = 20.949 (0.117)-----
 S-alpha= -6.736 (0.106)-----

S+p = 0.913 (0.197)
 S+n = -11.611 (0.085)
 S+2p = 0.250 (0.117)
 S+2n = -20.300 (0.089)
 S+alpha = 7.240 (0.120)

gap p = 2.457 (0.217)
 gap n = -2.548 (0.121)
 gap 2p = 1.895 (0.146)
 gap 2n = 0.649 (0.147)
 gap alpha = 0.504 (0.160)