

^{180}Re $Z = 75$ $N = 105$ adopted link ENSDF link

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

BE = 1439.999 (0.021) MeV

Qbeta+ = 3.799 (0.021) MeV

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

S-alpha=	-3.103	(0.037)	-----		
180RE 1				0.000 (1)-	1 2.46 M 3
180RE 2	0.020	1+			2 88 NS 3
180RE 3				0.050 (2)-	3
180RE 4				0.075 (2)+	4
180RE 5				0.218	5
180RE 6				0.250	6
180RE 7				0.349	7
180RE 8				0.402	8
180RE 9				0.669	9
180RE 10				0.717	10

S-p = 3.831 (0.026)-----
 S-n = 7.324 (0.033)-----
 S-2p = 9.769 (0.021)-----
 S-2n = 16.327 (0.035)-----
 S-alpha= -3.103 (0.037)-----

S+p = -5.001 (0.033)
 S+n = -8.751 (0.025)
 S+2p = -7.792 (0.030)
 S+2n = -15.751 (0.104)
 S+alpha = 3.802 (0.035)

gap p = -1.170 (0.042)
 gap n = -1.427 (0.041)
 gap 2p = 1.976 (0.037)
 gap 2n = 0.575 (0.110)
 gap alpha = 0.699 (0.051)