

^{167}Dy $Z = 66$ $N = 101$ adopted link ENSDF link

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

BE = 1356.187 (0.004) MeV

Qbeta- = 2.368 (0.007) MeV

	Energy T	J+	J-	J-other	T1/2
167DY	1			0.000 (1/2-)	1 6.20 M 8
167DY	2			0.057 (3/2-)	2
167DY	3			0.070 (5/2-)	3
167DY	4			0.098 (5/2-)	4

S-p = 9.392 (0.004)-----
 S-n = 5.398 (0.004)-----
 S-2p = 17.964 (0.004)-----
 S-2n = 12.442 (0.004)-----
 S-alpha= 0.948 (0.004)-----

S+p = -7.437 (0.030)
 S+n = -6.718 (0.140)
 S+2p = -15.588 (0.004)
 S+2n = -11.827 (0.301)
 S+alpha = -0.231 (0.004)

gap p = 1.955 (0.031)
 gap n = -1.320 (0.140)
 gap 2p = 2.376 (0.006)
 gap 2n = 0.615 (0.301)
 gap alpha = 0.717 (0.006)