

^{173}Dy $Z = 66$ $N = 107$ adopted link ENSDF link

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

BE = 1388.498 (-0.346) MeV
 Qbeta- = 5.626 (0.489) MeV

	Energy T	J+	J-	J-other	T1/2
173DY	1			0.000 (9/2+)	1 1.43 S 20

S-p = 11.466 (-0.621)-----
 S-n = 4.070 (-0.488)-----
 S-2p = 22.208 (-0.619)-----
 S-2n = 9.896 (-0.386)-----
 S-alpha= 2.287 (-0.484)-----

S+p = -9.418 (-0.491)
 S+n = -5.416 (-0.626)
 S+2p = -19.377 (-0.492)
 S+2n = -9.052 (-0.629)
 S+alpha = -1.507 (-0.634)

gap p = 2.048 (0.792)
 gap n = -1.346 (0.794)
 gap 2p = 2.831 (0.791)
 gap 2n = 0.844 (0.738)
 gap alpha = 0.780 (0.797)