

$^{169}\text{Dy}$        $Z = 66$        $N = 103$       adopted link      ENSDF link

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

BE = 1368.014 ( 0.301) MeV

Qbeta- = 3.200 ( 0.301) MeV

	Energy T	J+	J-	J-other	T1/2
169DY 1				0.000 (5/2)-	1 39 S 8
169DY 2				0.166 (1/2-)	2 1.26 US 17
169DY 3				0.000 (5/2-)	3

S-p = 10.104 ( 0.301)-----  
 S-n = 5.109 ( 0.332)-----  
 S-2p = 19.398 ( 0.301)-----  
 S-2n = 11.827 ( 0.301)-----  
 S-alpha= 1.495 ( 0.301)-----

S+p = -7.930 ( 0.305)  
 S+n = -6.266 ( 0.345)  
 S+2p = -16.700 ( 0.301)  
 S+2n = -10.588 ( 0.346)  
 S+alpha = -0.492 ( 0.347)

gap p = 2.174 ( 0.428)  
 gap n = -1.157 ( 0.479)  
 gap 2p = 2.699 ( 0.425)  
 gap 2n = 1.239 ( 0.458)  
 gap alpha = 1.003 ( 0.459)