

$^{170}\text{Dy}$        $Z = 66$        $N = 104$       adopted link      ENSDF link

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

BE = 1374.280 (-0.170) MeV

Qbeta- = 2.447 ( 0.177) MeV

	Energy T	J+	J-	J-other	T1/2
170DY 1	0.000	0+			1 55 S 8
170DY 2				0.071 (2+)	2
170DY 3				0.237 (4+)	3
170DY 4				0.495 (6+)	4
170DY 5				0.861 (2-)	5
170DY 6				0.925 (3-)	6
170DY 7				0.992 (2+)	7
170DY 8				1.117 (5-)	8
170DY 9				1.147 (4+)	9
170DY 10				1.257 (5+)	10
170DY 11				1.389 (6+)	11
170DY 12				1.644 (6+)	12 990 NS 40
S-alpha=	1.845 (-0.170)				
170DY 13				2.030 (2-)	13

S-p = 10.619 (-0.378)-----  
 S-n = 6.266 (-0.345)-----  
 S-2p = 20.200 (-0.377)-----  
 S-2n = 11.375 (-0.220)-----  
 S-alpha= 1.845 (-0.170)-----

S+p = -8.016 (-0.624)  
 S+n = -4.322 (-0.241)  
 S+2p = -17.270 (-0.170)  
 S+2n = -10.148 (-0.384)  
 S+alpha = -0.560 (-0.387)

gap p = 2.603 ( 0.729)  
 gap n = 1.944 ( 0.421)  
 gap 2p = 2.930 ( 0.413)  
 gap 2n = 1.227 ( 0.442)  
 gap alpha = 1.285 ( 0.423)