

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

Based on ensdf\_240402 (Apr 2024), 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)