

$^{161}\text{Pm}$        $Z = 61$        $N = 100$       adopted link      ENSDF link

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

BE = 1301.846 ( 0.009) MeV

Qbeta- = 6.586 ( 0.011) MeV

	Energy T	J+	J-	J-other	T1/2	
161PM	1			0.000 (5/2-)	1 1.05 S	15
161PM	2			0.062 (7/2-)	2	
161PM	3			0.142 (9/2-)	3	
161PM	4			0.238 (11/2-)	4	
161PM	5			0.357 (13/2-)	5	
161PM	6			0.966 (13/2+)	6 0.89 US	6
161PM	7			0.000 (5/2-)	7 1.05 S	15

S-p = 10.651 ( 0.047)-----  
 S-n = 5.263 ( 0.009)-----  
 S-2p = 23.963 ( 0.477)-----  
 S-2n = 9.675 ( 0.013)-----  
 S-alpha= 4.077 ( 0.010)-----

S+p = -11.582 ( 0.010)  
 S+n = -4.036 ( 0.324)  
 S+2p = -21.065 ( 0.009)  
 S+2n = -9.000 ( 0.326)  
 S+alpha = -3.067 ( 0.010)

gap p = -0.931 ( 0.048)  
 gap n = 1.227 ( 0.324)  
 gap 2p = 2.897 ( 0.477)  
 gap 2n = 0.674 ( 0.326)  
 gap alpha = 1.009 ( 0.014)