

$^{152}\text{Pm}$        $Z = 61$        $N = 91$       adopted link      ENSDF link

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

BE = 1250.372 ( 0.026) MeV

Qbeta- = 3.509 ( 0.026) MeV

	Energy T	J+	J-	J-other	T1/2
152PM 1	0.000	1+			1 4.12 M 8
152PM 2				0.016 0-,1-,2-	2 2.1 NS 10
152PM 3				0.025 (0+,1+,2+)	3
152PM 4				0.044 0-,1-,2-	4 1.0 NS LE
152PM 5			0.150 4-		5 7.52 M 8
152PM 6				0.200	6
152PM 7				0.221	7
152PM 8	0.295	1+			8
152PM 9				0.319	9
152PM 10				0.330	10
152PM 11				0.451 0,1	11
152PM 12	0.571	1+			12
152PM 13	0.592	1+			13
152PM 14	0.660	1+			14

S-p = 7.600 ( 0.026)-----  
 S-n = 5.939 ( 0.026)-----  
 S-2p = 17.532 ( 0.027)-----  
 S-2n = 13.800 ( 0.033)-----  
 S-alpha= 1.144 ( 0.030)-----

S+p = -8.594 ( 0.026)  
 S+n = -7.465 ( 0.027)  
 S+2p = -15.062 ( 0.026)  
 S+2n = -13.155 ( 0.036)  
 S+alpha = -1.253 ( 0.026)

gap p = -0.994 ( 0.037)  
 gap n = -1.526 ( 0.038)  
 gap 2p = 2.470 ( 0.038)  
 gap 2n = 0.645 ( 0.049)  
 gap alpha = -0.110 ( 0.040)