

^{146}Pr $Z = 59$ $N = 87$ adopted link ENSDF link

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

BE = 1208.927 (0.034) MeV

Qbeta- = 4.252 (0.034) MeV

	Energy T	J+	J-	J-other	T1/2

S-alpha=	-0.926	(0.035)	-----		
146PR 1				0.000 (2-)	1 24.09 M 10
146PR 2				0.012 (1,2,3)-	2
146PR 3				0.035 1-,2-	3
146PR 4				0.087 1-,2-	4
146PR 5				0.101 1+,2+	5
146PR 6				0.134 1-,2-	6
146PR 7				0.141 1-,2-	7
146PR 8	0.352	1+			8
146PR 9	0.503	1+			9
146PR 10	0.879	1+			10

S-p = 6.896 (0.048)-----
 S-n = 5.119 (0.035)-----
 S-2p = 16.402 (0.037)-----
 S-2n = 12.066 (0.034)-----
 S-alpha= -0.926 (0.035)-----

S+p = -8.762 (0.034)
 S+n = -6.842 (0.038)
 S+2p = -14.770 (0.035)
 S+2n = -12.005 (0.038)
 S+alpha = 0.651 (0.040)

gap p = -1.867 (0.059)
 gap n = -1.723 (0.052)
 gap 2p = 1.631 (0.051)
 gap 2n = 0.061 (0.051)
 gap alpha = -0.274 (0.053)