

^{150}Pr $Z = 59$ $N = 91$ adopted link ENSDF link

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

BE = 1232.840 (0.009) MeV

Qbeta- = 5.380 (0.009) MeV

	Energy T	J+	J-	J-other	T1/2
150PR 1				0.000 (1-)	1 6.19 S 16
150PR 2				0.110 (1+)	2
150PR 3				0.210	3
150PR 4				0.488	4
150PR 5				0.717	5
150PR 6				0.897	6

S-p = 8.919 (0.014)-----
 S-n = 5.333 (0.013)-----
 S-2p = 20.170 (0.021)-----
 S-2n = 11.908 (0.018)-----
 S-alpha= 1.504 (0.009)-----

S+p = -9.932 (0.009)
 S+n = -6.551 (0.015)
 S+2p = -17.532 (0.027)
 S+2n = -11.600 (0.021)
 S+alpha = -2.391 (0.027)

gap p = -1.012 (0.016)
 gap n = -1.218 (0.020)
 gap 2p = 2.638 (0.035)
 gap 2n = 0.307 (0.027)
 gap alpha = -0.887 (0.028)