

^{152}Pr $Z = 59$ $N = 93$ adopted link ENSDF link

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

BE = 1244.440 (0.019) MeV

Qbeta- = 6.392 (0.031) MeV

	Energy T	J+	J-	J-other	T1/2
152PR 1				0.000 (4+)	1 3.57 S 18
152PR 2				0.115 (3+)	2 4.1 US 1
152PR 3				0.213 (1+)	3
152PR 4				0.297	4
152PR 5				0.330	5
152PR 6				0.659	6
152PR 7				0.717	7
152PR 8				0.752	8
152PR 9				0.774	9
152PR 10				0.786	10
152PR 11				0.813	11
152PR 12				0.844	12
152PR 13				0.940	13
152PR 14				0.975	14
152PR 15				1.415	15

S-p = 9.822 (0.026)-----

S-n = 5.050 (0.022)-----

S-2p = 22.025 (0.019)-----

S-2n = 11.600 (0.021)-----

S-alpha= 3.474 (0.027)-----

S+p = -10.861 (0.019)

S+n = -5.882 (0.022)

S+2p = -19.086 (0.031)

S+2n = -10.244 (0.102)

S+alpha = -2.834 (0.019)

gap p = -1.039 (0.032)

gap n = -0.832 (0.031)

gap 2p = 2.938 (0.036)

gap 2n = 1.356 (0.104)

gap alpha = 0.641 (0.033)