

^{240}Np $Z = 93$ $N = 147$ adopted link ENSDF link

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

BE = 1812.042 (0.017) MeV

Qbeta- = 2.191 (0.017) MeV

	Energy T	J+	J-	J-other	T1/2
S-alpha=	-4.557 (0.022)				
240NP	1			0.000 (5+)	1 61.9 M 2

S-p = 5.545 (0.017)

S-n = 5.066 (0.017)

S-2p = 13.156 (0.023)

S-2n = 11.281 (0.017)

S-alpha= -4.557 (0.022)

S+p = -6.650 (0.017)

S+n = -6.072 (0.101)

S+2p = -11.426 (0.017)

S+2n = -11.042 (0.201)

S+alpha = 5.138 (0.017)

gap p = -1.105 (0.024)

gap n = -1.006 (0.103)

gap 2p = 1.730 (0.029)

gap 2n = 0.239 (0.201)

gap alpha = 0.581 (0.028)