

^{234}Np $Z = 93$ $N = 141$ adopted link ENSDF link

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

BE = 1775.975 (0.008) MeV

Qbeta+ = 1.810 (0.008) MeV

	Energy T	J+	J-	J-other	T1/2
S-alpha=	-5.356 (0.009)				
234NP	1			0.000 (0+)	1 4.4 D 1

S-p = 4.253 (0.009)-----
 S-n = 6.065 (0.052)-----
 S-2p = 10.570 (0.011)-----
 S-2n = 13.471 (0.008)-----
 S-alpha= -5.356 (0.009)-----

S+p = -5.061 (0.022)
 S+n = -6.983 (0.009)
 S+2p = -8.421 (0.236)
 S+2n = -12.719 (0.051)
 S+alpha = 6.042 (0.060)

gap p = -0.808 (0.024)
 gap n = -0.918 (0.052)
 gap 2p = 2.149 (0.236)
 gap 2n = 0.752 (0.052)
 gap alpha = 0.685 (0.060)