

^{231}Np $Z = 93$ $N = 138$ adopted link ENSDF link

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

BE = 1756.093 (0.051) MeV

Qbeta+ = 1.818 (0.051) MeV

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

S-alpha=	-6.368 (0.052)				
231NP	1			0.000 (5/2-)	1 48.8 M 2

S-p = 3.280 (0.051)-----

S-n = 7.684 (0.075)-----

S-2p = 8.851 (0.051)-----

S-2n = 14.320 (0.113)-----

S-alpha= -6.368 (0.052)-----

S+p = -4.552 (0.054)

S+n = -6.411 (0.051)

S+2p = -7.018 (0.051)

S+2n = -13.818 (0.072)

S+alpha = 6.576 (0.073)

gap p = -1.271 (0.074)

gap n = 1.273 (0.091)

gap 2p = 1.833 (0.072)

gap 2n = 0.503 (0.134)

gap alpha = 0.208 (0.090)