

^{231}Pu $Z = 94$ $N = 137$ adopted link ENSDF link

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

BE = 1752.625 (0.022) MeV

Qbeta+ = 2.685 (0.056) MeV

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

S-alpha=	-6.839 (0.024)				
231PU 1				0.000 (3/2+)	1 8.6 M 5

S-p = 4.217 (0.059)-----

S-n = 6.695 (0.026)-----

S-2p = 7.480 (0.023)-----

S-2n = 15.229 (0.065)-----

S-alpha= -6.839 (0.024)-----

S+p = -2.223 (0.233)

S+n = -8.019 (0.028)

S+2p = -5.593 (0.084)

S+2n = -14.399 (0.058)

S+alpha = 7.376 (0.022)

gap p = 1.994 (0.240)

gap n = -1.324 (0.038)

gap 2p = 1.887 (0.087)

gap 2n = 0.830 (0.087)

gap alpha = 0.537 (0.032)