

^{229}Pu $Z = 94$ $N = 135$ adopted link ENSDF link

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

BE = 1737.396 (0.061) MeV

Qbeta+ = 3.594 (0.118) MeV

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

S-alpha=	-7.598 (0.061)				
229PU 1			0.000	(3/2+)	1 90 S +71-27

S-p = 3.684 (0.061)-----

S-n = 6.784 (0.065)-----

S-2p = 6.228 (0.061)-----

S-2n = 15.601 (0.061)-----

S-alpha= -7.598 (0.061)-----

S+p = -1.864 (0.238)

S+n = -8.534 (0.062)

S+2p = -4.806 (0.239)

S+2n = -15.229 (0.065)

S+alpha = 7.473 (0.101)

gap p = 1.820 (0.245)

gap n = -1.750 (0.090)

gap 2p = 1.422 (0.247)

gap 2n = 0.372 (0.089)

gap alpha = -0.125 (0.118)