

^{234}Pu $Z = 94$ $N = 140$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

BE = 1774.798 (0.007) MeV

Qbeta+ = 0.395 (0.011) MeV

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

S-alpha=	-6.310 (0.008)	-----			

234PU 1	0.000	0+			1 8.8 H 1
234PU 2				4.170	2 3 NS

S-p = 4.887 (0.051) -----
 S-n = 7.773 (0.055) -----
 S-2p = 8.837 (0.007) -----
 S-2n = 14.153 (0.018) -----
 S-alpha= -6.310 (0.008) -----

S+p = -3.014 (0.053)
 S+n = -6.239 (0.022)
 S+2p = -7.075 (0.019)
 S+2n = -13.591 (0.007)
 S+alpha = 6.670 (0.014)

gap p = 1.873 (0.074)
 gap n = 1.534 (0.059)
 gap 2p = 1.762 (0.020)
 gap 2n = 0.562 (0.020)
 gap alpha = 0.360 (0.016)