

^{235}Pu $Z = 94$ $N = 141$ adopted link ENSDF link

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

BE = 1781.037 (0.021) MeV

Qbeta+ = 1.139 (0.021) MeV

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

S-alpha=	-5.951 (0.021)				
235PU 1				0.000 (5/2+)	1 25.3 M 5
235PU 2				0.042 (7/2+)	2
235PU 3				0.184 (3/2+)	3
235PU 4				0.265 (5/2+)	4
235PU 5				0.291 (5/2-)	5
235PU 6				0.535 (5/2+)	6
235PU 7				0.639	7
235PU 8				0.826	8
235PU 9				1.030	9
235PU 10				1.119	10

235PU 11				3.000	11 25 NS 5

S-p = 5.061 (0.022)-----
 S-n = 6.239 (0.022)-----
 S-2p = 9.315 (0.021)-----
 S-2n = 14.012 (0.058)-----
 S-alpha= -5.951 (0.021)-----

S+p = -3.359 (0.237)
 S+n = -7.352 (0.021)
 S+2p = -7.513 (0.077)
 S+2n = -13.233 (0.021)
 S+alpha = 6.540 (0.151)

gap p = 1.702 (0.238)
 gap n = -1.113 (0.030)
 gap 2p = 1.801 (0.080)
 gap 2n = 0.779 (0.061)
 gap alpha = 0.588 (0.153)