

^{252}Es $Z = 99$ $N = 153$ adopted link ENSDF link

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

BE = 1879.225 (0.050) MeV
 Qbeta- = 0.478 (0.050) MeV
 Qbeta+ = 1.260 (0.050) MeV

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

S-alpha=	-6.739	(0.071)	-----		
252ES 1				0.000 (5-)	1 471.7 D 19
252ES 2				0.035	2
252ES 3				0.436	3
252ES 4				0.476 (1-)	4
252ES 5				0.542	5

S-p = 4.129 (0.050)-----
 S-n = 5.288 (0.050)-----
 S-2p = 10.235 (0.050)-----
 S-2n = 11.975 (0.050)-----
 S-alpha= -6.739 (0.071)-----

S+p = -5.238 (0.050)
 S+n = -6.355 (0.050)
 S+2p = -8.503 (0.050)
 S+2n = -11.443 (0.050)
 S+alpha = 7.745 (0.050)

gap p = -1.109 (0.071)
 gap n = -1.067 (0.071)
 gap 2p = 1.732 (0.071)
 gap 2n = 0.532 (0.071)
 gap alpha = 1.006 (0.087)