

^{138}Eu $Z = 63$ $N = 75$ adopted link ENSDF link

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

BE = 1126.304 (0.028) MeV

Qbeta+ = 9.748 (0.030) MeV

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

S-alpha=	-2.589 (0.050)				
138EU	1			0.000 (6-)	1 12.1 S 6

S-p = 1.047 (0.040)-----

S-n = 9.675 (0.028)-----

S-2p = 5.158 (0.075)-----

S-2n = 21.712 (0.139)-----

S-alpha= -2.589 (0.050)-----

S+p = -3.210 (0.142)

S+n = -11.720 (0.031)

S+2p = -3.311 (0.801)

S+2n = -21.379 (0.059)

S+alpha = 2.765 (0.701)

gap p = -2.163 (0.147)

gap n = -2.045 (0.042)

gap 2p = 1.847 (0.804)

gap 2n = 0.333 (0.151)

gap alpha = 0.176 (0.703)