

^{158}Eu $Z = 63$ $N = 95$ adopted link ENSDF link

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

BE = 1293.251 (0.002) MeV

Qbeta- = 3.420 (0.002) MeV

	Energy T	J+	J-	J-other	T1/2
158EU	1			0.000 (1-)	1 45.9 M 2

S-p = 7.882 (0.005)-----
 S-n = 5.883 (0.005)-----
 S-2p = 17.682 (0.002)-----
 S-2n = 13.330 (0.004)-----
 S-alpha= 1.429 (0.025)-----

S+p = -8.580 (0.002)
 S+n = -6.844 (0.005)
 S+2p = -15.144 (0.002)
 S+2n = -12.366 (0.002)
 S+alpha = -1.034 (0.003)

gap p = -0.699 (0.005)
 gap n = -0.962 (0.007)
 gap 2p = 2.538 (0.003)
 gap 2n = 0.965 (0.005)
 gap alpha = 0.395 (0.025)