

^{160}Eu $Z = 63$ $N = 97$ adopted link ENSDF link

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

BE = 1305.616 (0.001) MeV

Qbeta- = 4.449 (0.001) MeV

	Energy T	J+	J-	J-other	T1/2
160EU	1			0.000 (5-)	1 42.6 S 5
160EU	2			0.093 (1-)	2 30.8 S 5

S-p = 8.575 (0.006)-----
 S-n = 5.521 (0.004)-----
 S-2p = 18.965 (0.001)-----
 S-2n = 12.366 (0.002)-----
 S-alpha= 1.752 (0.001)-----

S+p = -9.302 (0.002)
 S+n = -6.369 (0.010)
 S+2p = -16.964 (0.002)
 S+2n = -11.372 (0.002)
 S+alpha = -1.036 (0.002)

gap p = -0.727 (0.006)
 gap n = -0.848 (0.011)
 gap 2p = 2.001 (0.003)
 gap 2n = 0.993 (0.003)
 gap alpha = 0.715 (0.003)