

^{163}Eu $Z = 63$ $N = 100$ adopted link ENSDF link

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

BE = 1322.911 (0.001) MeV

Qbeta- = 4.815 (0.001) MeV

	Energy T	J+	J-	J-other	T1/2
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163EU	1			0.000	1 7.7 S 4

S-p = 9.484 (0.004)-----

S-n = 5.922 (0.002)-----

S-2p = 21.065 (0.009)-----

S-2n = 10.925 (0.010)-----

S-alpha= 2.444 (0.010)-----

S+p = -10.409 (0.001)

S+n = -4.730 (0.002)

S+2p = -18.593 (0.002)

S+2n = -10.298 (0.005)

S+alpha = -1.734 (0.002)

gap p = -0.925 (0.004)

gap n = 1.192 (0.003)

gap 2p = 2.472 (0.009)

gap 2n = 0.627 (0.012)

gap alpha = 0.710 (0.010)