

$^{164}\text{Eu}$        $Z = 63$        $N = 101$       adopted link      ENSDF link

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

BE = 1327.641 ( 0.002) MeV

Qbeta- = 6.461 ( 0.002) MeV

	Energy T	J+	J-	J-other	T1/2
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164EU	1			0.000 (3)	1 4.15 S 20

S-p = 9.922 ( 0.008)-----

S-n = 4.730 ( 0.002)-----

S-2p = 21.759 ( 0.324)-----

S-2n = 10.652 ( 0.002)-----

S-alpha= 2.762 ( 0.003)-----

S+p = -10.583 ( 0.002)

S+n = -5.568 ( 0.006)

S+2p = -19.155 ( 0.003)

S+2n = -9.656 ( 0.166)

S+alpha = -1.974 ( 0.005)

gap p = -0.661 ( 0.008)

gap n = -0.839 ( 0.006)

gap 2p = 2.604 ( 0.324)

gap 2n = 0.996 ( 0.166)

gap alpha = 0.789 ( 0.006)