

^{164}Lu $Z = 71$ $N = 93$ adopted link ENSDF link

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

BE = 1322.792 (0.028) MeV

Qbeta+ = 6.370 (0.032) MeV

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

S-alpha=	-3.234	(0.043)	-----		
164LU	1			0.000	1(-) 3.14 M 3
164LU	2			0.031	LE 3 2
164LU	3			0.126	3
164LU	4			0.153	LE 3 4
164LU	5			0.199	5
164LU	6			0.283	6
164LU	7			0.597	7
164LU	8			0.808	8
164LU	9			0.827	9

S-p = 2.637 (0.032)-----

S-n = 7.922 (0.040)-----

S-2p = 7.743 (0.038)-----

S-2n = 17.953 (0.080)-----

S-alpha= -3.234 (0.043)-----

S+p = -4.282 (0.040)

S+n = -9.871 (0.039)

S+2p = -6.033 (0.040)

S+2n = -17.521 (0.041)

S+alpha = 3.823 (0.040)

gap p = -1.645 (0.051)

gap n = -1.949 (0.055)

gap 2p = 1.709 (0.055)

gap 2n = 0.432 (0.090)

gap alpha = 0.590 (0.058)