

^{159}Lu $Z = 71$ $N = 88$ adopted link ENSDF link

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

BE = 1277.502 (0.038) MeV

Qbeta+ = 6.125 (0.042) MeV

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

S-alpha=	-4.492 (0.039)				
159LU	1			0.000	1 12.1 S 10

S-p = 0.988 (0.039)-----

S-n = 10.568 (0.041)-----

S-2p = 5.577 (0.047)-----

S-2n = 19.411 (0.040)-----

S-alpha= -4.492 (0.039)-----

S+p = -3.519 (0.039)

S+n = -8.633 (0.068)

S+2p = -3.648 (0.045)

S+2n = -18.996 (0.047)

S+alpha = 4.749 (0.054)

gap p = -2.531 (0.055)

gap n = 1.935 (0.079)

gap 2p = 1.929 (0.065)

gap 2n = 0.415 (0.061)

gap alpha = 0.257 (0.066)