

^{165}Lu $Z = 71$ $N = 94$ adopted link ENSDF link

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

BE = 1332.663 (0.027) MeV

Qbeta+ = 3.853 (0.038) MeV

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

S-alpha=	-3.032 (0.039)				
165LU	1 0.000	1/2+			1 10.74 M 10

S-p	= 2.719 (0.031)				
S-n	= 9.871 (0.039)				
S-2p	= 8.292 (0.027)				
S-2n	= 17.793 (0.039)				
S-alpha=	-3.032 (0.039)				

S+p	= -4.706 (0.039)				
S+n	= -7.650 (0.040)				
S+2p	= -6.487 (0.039)				
S+2n	= -17.227 (0.046)				
S+alpha	= 3.727 (0.039)				

gap p	= -1.987 (0.049)				
gap n	= 2.221 (0.055)				
gap 2p	= 1.805 (0.047)				
gap 2n	= 0.567 (0.060)				
gap alpha	= 0.695 (0.055)				