

^{54}Cu $Z = 29$ $N = 25$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

BE = 434.430 (-0.378) MeV

Qbeta+ = 18.011 (0.378) MeV

	Energy T	J+	J-	J-other	T1/2
S-p	= -1.075 (-0.379)				
^{54}Cu	1 0.000	3+			1 75 NS LT

S-p = -1.075 (-0.379) -----
 S-n = 16.207 (-0.609) -----
 S-2p = 1.501 (-0.378) -----
 S-2n = 35.538 (-0.730) -----
 S-alpha = 6.102 (-0.398) -----

S+p = -0.290 (-0.540)
 S+n = -18.440 (-0.409)
 S+2p = 2.838 (-0.630)
 S+2n = -33.505 (-0.378)
 S+alpha = -4.696 (-0.476)

gap p = -1.365 (0.659)
 gap n = -2.233 (0.733)
 gap 2p = 4.339 (0.735)
 gap 2n = 2.033 (0.822)
 gap alpha = 1.406 (0.621)