

$^{54}\text{K}$        $Z = 19$        $N = 35$       adopted link      ENSDF link

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

BE = 426.114 (-0.378) MeV

Qbeta- = 20.033 ( 0.381) MeV

	Energy T	J+	J-	J-other	T1/2
54K	1		0.000	2-	1 10 MS 5

S-p	= 19.233 (-0.786)	-----
S-n	= 0.903 (-0.394)	-----
S-2p	= 42.042 (-0.775)	-----
S-2n	= 4.132 (-0.379)	-----
S-alpha	= 15.268 (-0.550)	-----

S+p	= -20.812 (-0.411)
S+n	= -2.446 (-0.623)
S+2p	= -34.966 (-0.459)
S+2n	= -3.014 (-0.723)
S+alpha	= -12.777 (-0.423)

gap p	= -1.579 ( 0.887)
gap n	= -1.543 ( 0.737)
gap 2p	= 7.076 ( 0.900)
gap 2n	= 1.118 ( 0.816)
gap alpha	= 2.491 ( 0.694)