

^{53}Ar $Z = 18$ $N = 35$ adopted link ENSDF link

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

BE = 406.881 (-0.689) MeV

Qbeta- = 19.112 (0.698) MeV

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

S-n	= -0.123 (-0.930)				
^{53}Ar	1			0.000	1 620 NS GT

S-p	= 22.809 (-0.965)				
S-n	= -0.123 (-0.930)				
S-2p	= 0.000 (-0.000)				
S-2n	= 2.859 (-0.801)				
S-alpha	= 15.985 (-0.906)				

S+p	= -19.233 (-0.786)				
S+n	= -2.331 (-1.063)				
S+2p	= -40.045 (-0.707)				
S+2n	= 0.000 (-0.000)				
S+alpha	= -16.611 (-1.133)				

gap p	= 3.576 (1.245)				
gap n	= -2.454 (1.412)				
gap 2p	= 0.000 (0.000)				
gap 2n	= 0.000 (0.000)				
gap alpha	= -0.626 (1.451)				