

⁴⁹Ar Z = 18 N = 31 adopted link ENSDF link

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

BE = 398.468 (-0.392) MeV

Qbeta- = 12.556 (0.392) MeV

	Energy T	J+	J-	J-other	T1/2
49AR	1			0.000	1 170 MS 50

S-p = 20.084 (-0.620)-----

S-n = 2.772 (-0.392)-----

S-2p = 38.824 (-0.577)-----

S-2n = 7.831 (-0.392)-----

S-alpha= 16.157 (-0.503)-----

S+p = -15.961 (-0.392)

S+n = -4.232 (-0.635)

S+2p = -33.855 (-0.392)

S+2n = -5.554 (-0.566)

S+alpha = -14.757 (-0.394)

gap p = 4.123 (0.733)

gap n = -1.460 (0.747)

gap 2p = 4.969 (0.697)

gap 2n = 2.277 (0.688)

gap alpha = 1.400 (0.639)