

^{51}Ar $Z = 18$ $N = 33$ adopted link ENSDF link

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

BE = 404.022 (-0.408) MeV

Qbeta- = 16.048 (0.408) MeV

	Energy T	J+	J-	J-other	T1/2
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51AR	1			0.000	1

S-p = 21.472 (-0.571)-----

S-n = 1.322 (-0.645)-----

S-2p = 41.422 (-0.716)-----

S-2n = 5.554 (-0.566)-----

S-alpha= 16.082 (-0.588)-----

S+p = -17.960 (-0.409)

S+n = -2.982 (-0.746)

S+2p = -37.499 (-0.410)

S+2n = -2.859 (-0.801)

S+alpha = -14.608 (-0.438)

gap p = 3.512 (0.703)

gap n = -1.660 (0.986)

gap 2p = 3.923 (0.825)

gap 2n = 2.695 (0.980)

gap alpha = 1.474 (0.733)