

^{43}Ar $Z = 18$ $N = 25$ adopted link ENSDF link

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

BE = 364.994 (0.005) MeV

Qbeta- = 4.566 (0.005) MeV

	Energy T	J+	J-	J-other	T1/2
43AR 1			0.000	5/2(-)	1 5.37 M 6

S-p = 14.467 (0.060) -----
 S-n = 5.658 (0.008) -----
 S-2p = 27.579 (0.007) -----
 S-2n = 15.085 (0.005) -----
 S-alpha = 11.272 (0.050) -----

S+p = -11.061 (0.005)
 S+n = -8.735 (0.006)
 S+2p = -23.380 (0.005)
 S+2n = -13.904 (0.005)
 S+alpha = -12.760 (0.006)

gap p = 3.406 (0.060)
 gap n = -3.076 (0.010)
 gap 2p = 4.199 (0.009)
 gap 2n = 1.181 (0.008)
 gap alpha = -1.488 (0.051)