

^{82}As $Z = 33$ $N = 49$ adopted link ENSDF link

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

BE = 706.136 (0.004) MeV

Qbeta- = 7.488 (0.004) MeV

	Energy T	J+	J-	J-other	T1/2
82AS	1			0.000 (2-)	1 19.1 S 5

S-p = 11.103 (0.004)-----

S-n = 5.643 (0.005)-----

S-2p = 25.460 (0.005)-----

S-2n = 14.034 (0.005)-----

S-alpha= 8.826 (0.004)-----

S+p = -12.524 (0.005)

S+n = -7.635 (0.005)

S+2p = -22.256 (0.026)

S+2n = -11.891 (0.005)

S+alpha = -7.952 (0.005)

gap p = -1.421 (0.006)

gap n = -1.992 (0.007)

gap 2p = 3.204 (0.026)

gap 2n = 2.143 (0.007)

gap alpha = 0.875 (0.006)