

^{84}As $Z = 33$ $N = 51$ adopted link ENSDF link

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

BE = 718.027 (0.003) MeV

Qbeta- = 10.094 (0.004) MeV

	Energy T	J+	J-	J-other	T1/2
84AS 1				0.000 (3-)	1 4.2 S 5
84AS 2				0.100	2
84AS 3				0.143	3
84AS 4				0.242	4
84AS 5				0.590	5
84AS 6				1.198	6

S-p = 12.166 (0.004)-----

S-n = 4.255 (0.004)-----

S-2p = 27.501 (0.004)-----

S-2n = 11.891 (0.005)-----

S-alpha= 9.055 (0.004)-----

S+p = -13.849 (0.004)

S+n = -5.407 (0.004)

S+2p = -24.357 (0.004)

S+2n = -9.251 (0.005)

S+alpha = -7.287 (0.004)

gap p = -1.683 (0.006)

gap n = -1.151 (0.006)

gap 2p = 3.144 (0.006)

gap 2n = 2.639 (0.007)

gap alpha = 1.767 (0.006)