

^{44}S $Z = 16$ $N = 28$ [link to full NNDC output](#)

Based on ENSDF from Dec 2018, and mass evaluation from 2016

BE = 351.825 (0.005) MeV

Qbeta- = 11.180 (0.136) MeV

	Energy T	J+	J-	J-other	T1/2
44S	1 0.000	0+			1 100 MS 1
44S	2 1.329	2+			2 2.4 PS 7
44S	3 1.365	0+			3 2.619 US 26
44S	4			1.617	4
44S	5			2.150 (2+)	5
44S	6			2.278 (2+)	6
44S	7			2.457 (4+)	7
44S	8			2.632 (2+)	8
44S	9			3.257 (2+)	9

S-p = 21.173 (0.555)-----

S-n = 5.080 (0.007)-----

S-2p = 0.000 (0.000)-----

S-2n = 7.709 (0.006)-----

S-alpha= 17.059 (0.345)-----

S+p = -16.347 (0.136)

S+n = -2.857 (1.035)

S+2p = -35.147 (0.005)

S+2n = 0.000 (0.000)

S+alpha = -15.502 (0.307)

gap p = 4.826 (0.571)

gap n = 2.223 (1.035)

gap 2p = 0.000 (0.000)

gap 2n = 0.000 (0.000)

gap alpha = 1.557 (0.462)