

^{44}S $Z = 16$ $N = 28$ adopted link ENSDF link

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

BE = 351.825 (0.005) MeV

Qbeta- = 11.275 (0.086) 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 = 21.542 (0.301)-----

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

S-2p = 40.605 (0.294)-----

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

S-alpha= 17.296 (0.122)-----

S+p = -16.347 (0.136)

S+n = -2.190 (0.315)

S+2p = -35.145 (0.006)

S+2n = -6.285 (0.414)

S+alpha = -15.576 (0.018)

gap p = 5.194 (0.330)

gap n = 2.890 (0.315)

gap 2p = 5.460 (0.294)

gap 2n = 1.424 (0.414)

gap alpha = 1.720 (0.123)