

^{46}S $Z = 16$ $N = 30$ adopted link ENSDF link

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

BE = 358.110 (-0.414) MeV

Qbeta- = 14.388 (0.425) MeV

	Energy T	J+	J-	J-other	T1/2
46S	1 0.000	0+			1 50 MS 8
46S	2		0.952	(2+)	2

S-p = 22.590 (-0.645)-----
 S-n = 4.095 (-0.520)-----
 S-2p = 43.246 (-0.637)-----
 S-2n = 6.285 (-0.414)-----
 S-alpha= 18.594 (-0.508)-----

S+p = -17.514 (-0.455)
 S+n = -1.534 (-0.592)
 S+2p = -37.586 (-0.414)
 S+2n = -4.386 (-0.634)
 S+alpha = -16.294 (-0.649)

gap p = 5.076 (0.789)
 gap n = 2.561 (0.788)
 gap 2p = 5.660 (0.760)
 gap 2n = 1.899 (0.757)
 gap alpha = 2.300 (0.824)