

${}^8\text{B}$ $Z = 5$ $N = 3$ adopted link ENSDF link

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

BE = 37.737 (0.001) MeV

Qbeta+ = 17.980 (0.001) MeV

	Energy T	J+	J-	J-other	T1/2

S-2n	= -9.581 (2.004)	-----			
8B	1 0.000	1 2+			1 770 MS 3
S-p	= 0.136 (0.001)	-----			
8B	2 0.770	1+			2 35.6 KEV 6
8B	3 2.320	1 3+			3 350 KEV 30
8B	4		3.500	2-	4 8 MEV 4

S-p = 0.136 (0.001)-----

S-n = 12.826 (0.025)-----

S-2p = 5.743 (0.001)-----

S-2n = -9.581 (2.004)-----

S-alpha= 4.827 (0.212)-----

S+p = -1.300 (0.002)

S+n = -18.576 (0.001)

S+2p = 1.301 (0.400)

S+2n = -27.014 (0.001)

S+alpha = -8.008 (0.001)

gap p = -1.163 (0.003)

gap n = -5.750 (0.025)

gap 2p = 7.044 (0.400)

gap 2n = -36.595 (2.004)

gap alpha = -3.182 (0.212)