SFig. 1 Correlation of IE$_{1st}$ and mass number and signal enhancement factor for nitrogen addition ($N_2$ = 2 and 4 ml min$^{-1}$) in S+H (a and c) and S+X (b and d) cone.
Fig. 2 Effect of makeup gas flow rate on $^{38}\text{Ar}^{14}\text{N}^+/^{38}\text{Ar}^+$ ratio for normal and Ar-N$_2$ mixed plasmas in S+H (a) and S+X (b) cone combinations, respectively. The dashed lines show the difference between the makeup gas flow rates for normal and Ar-N$_2$ mixed plasmas, which yield the maximum signal intensity of Ce.