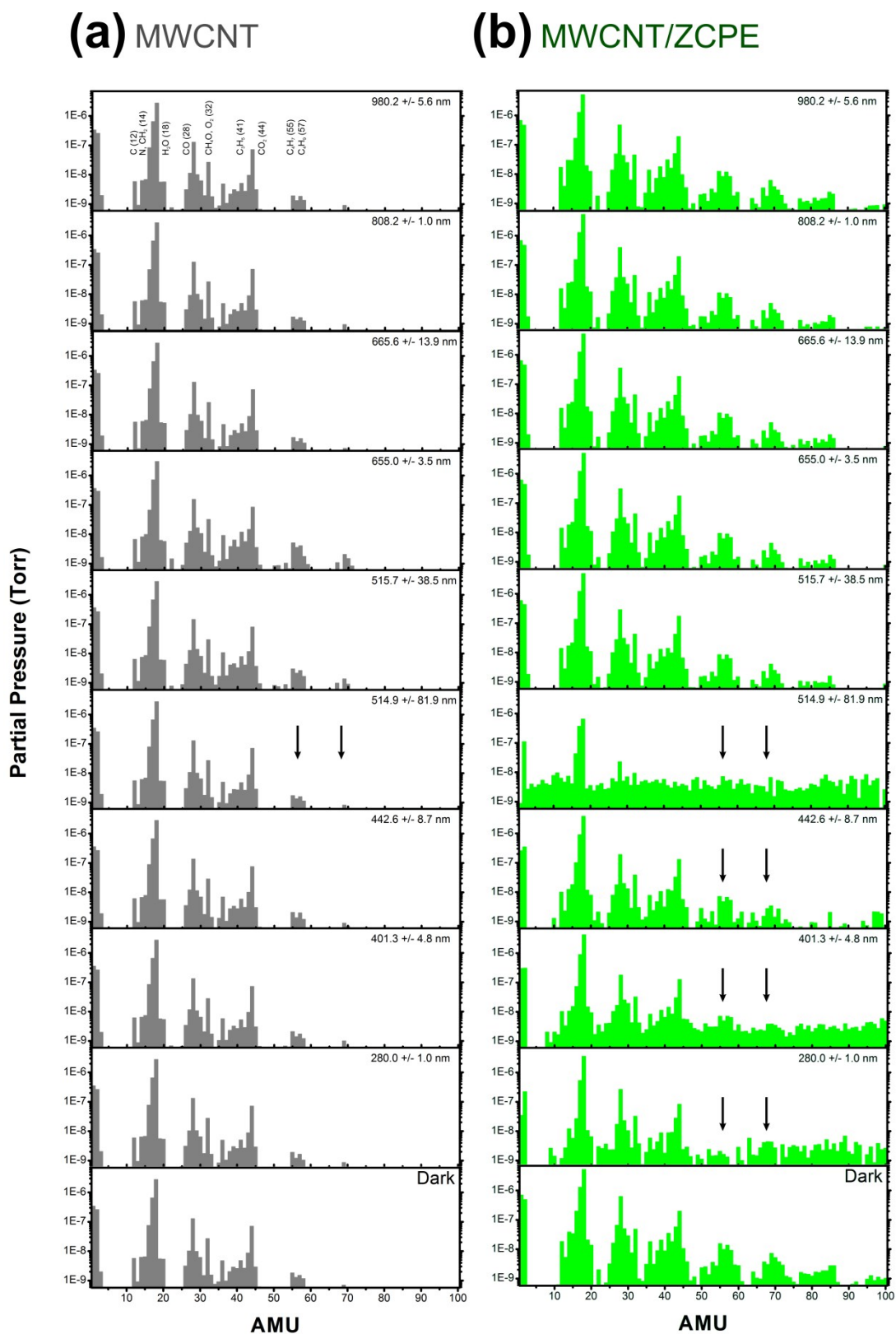


Supplementary Material



**Figure S1:** *In situ* residual gas analysis of the chamber ambient during electron emission, as a function of optical excitation for (a) MWCNT and (b) MWCNT/ZCPE.