

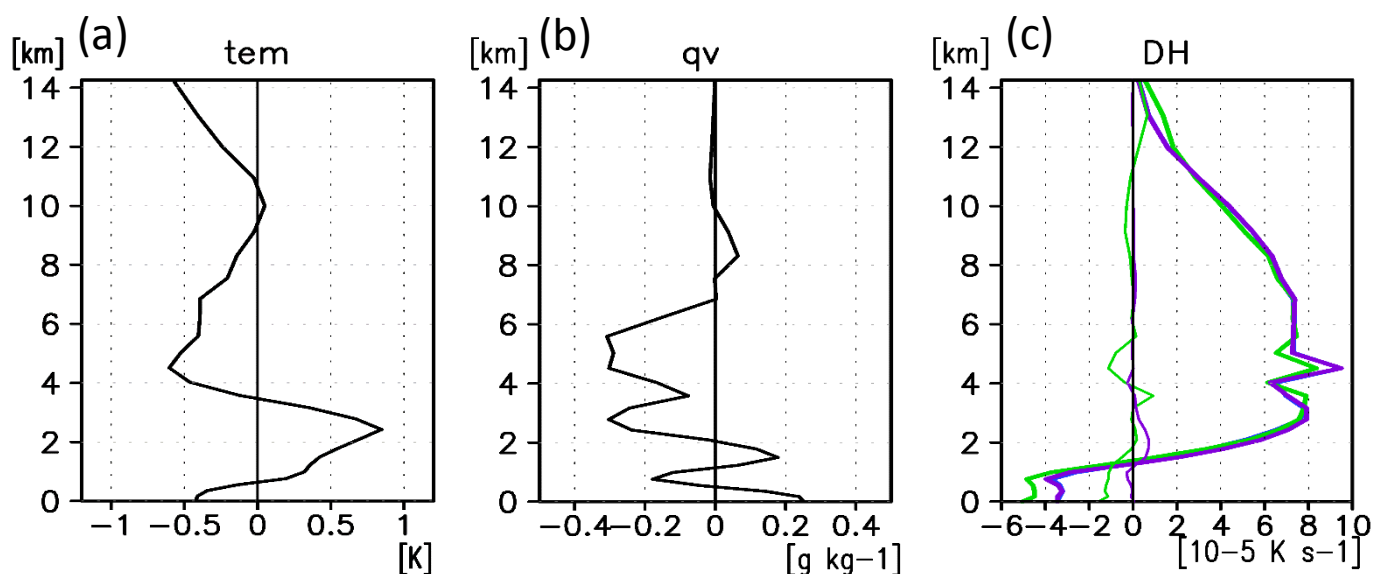


Fig. S1. Vertical profiles of (a) temperature and (b) water vapor content differences (E_mp2 minus N_mp2) averaged for the initial three hours, and (c) latent heating rate in E_mp2 (blue), E_mp4 (green), and N_mp2 (purple) averaged for the 6-day integration (the difference from E_mp2 is also plotted by thin lines), over the (120-160E, 10S-20N) domain.