Fig. S1 CALIOP Lidar transects and the orbit tracks across the sampling region and adjacent areas on March 21, 2010.
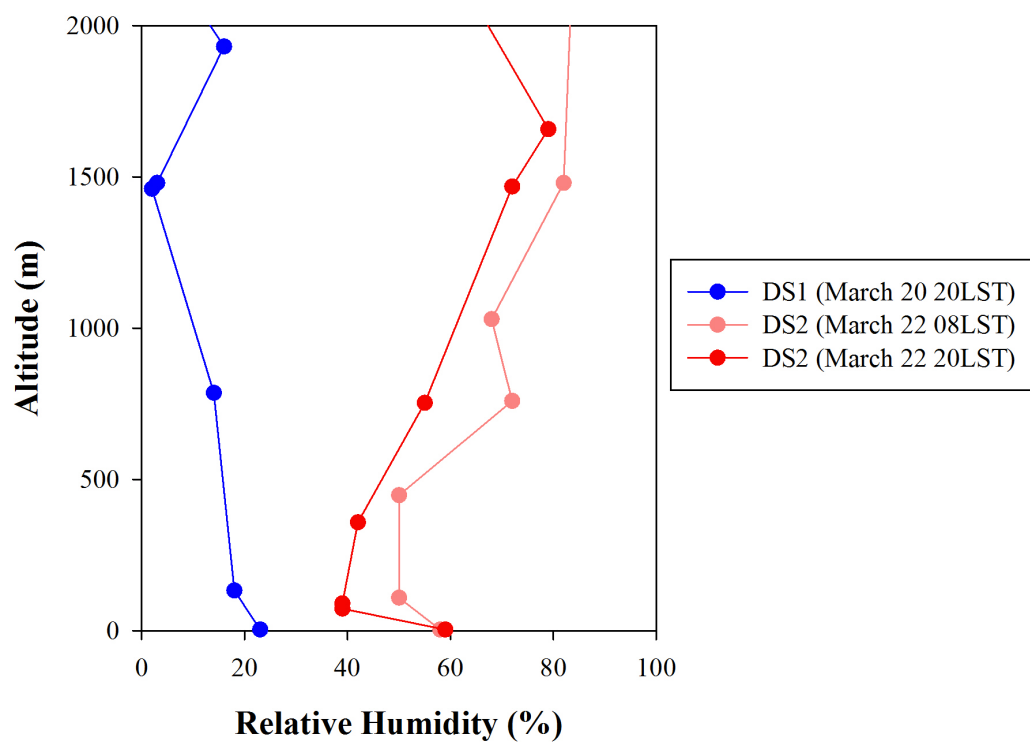
Fig. S2 Vertical profiles of relative humidity (RH) from sounding measurements at the Baoshan meteorology station in Shanghai