Supplemental Online Materials (SOM)

Here we present another form of Figure 11, in which the dust/IN effects (red lines) are

presented based on the LoCCN&NoDust case, meaning the results are for adding the dust

layer to a non-dust condition. Therefore, the sign for the dust/IN effects in Figure S1 is
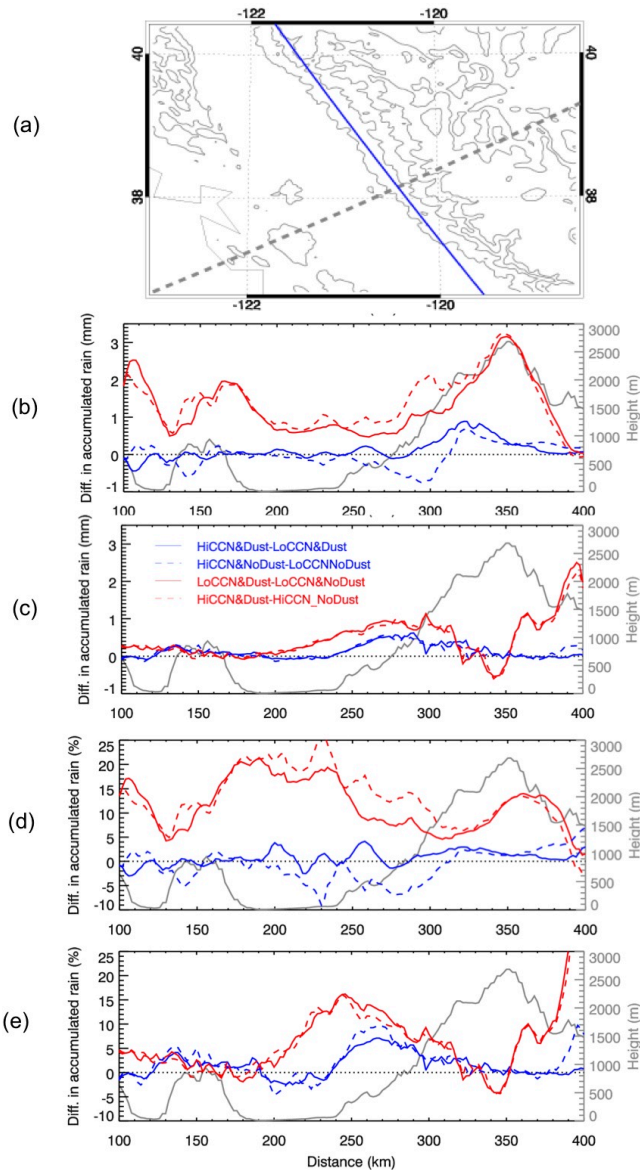
opposite to that in Figure 11.

Fig. S1 Same as Figure 11, except the red lines denote dust effects by adding the dust/bio layer under the low CCN (solid; LoCCN&Dust-LoCCN&NoDust) and high CCN (dashed; HiCCN&Dust-HiCCN&NoDust) conditions.