

Supplementary Materials for  
**Synergistic retrievals of ice in high clouds  
from elastic backscatter lidar, Ku-band  
radar and submillimeter wave radiometer  
observations**

Mircea Grecu\*, and John E. Yorks

\*Corresponding author. Email: mircea.grecu-1@nasa.

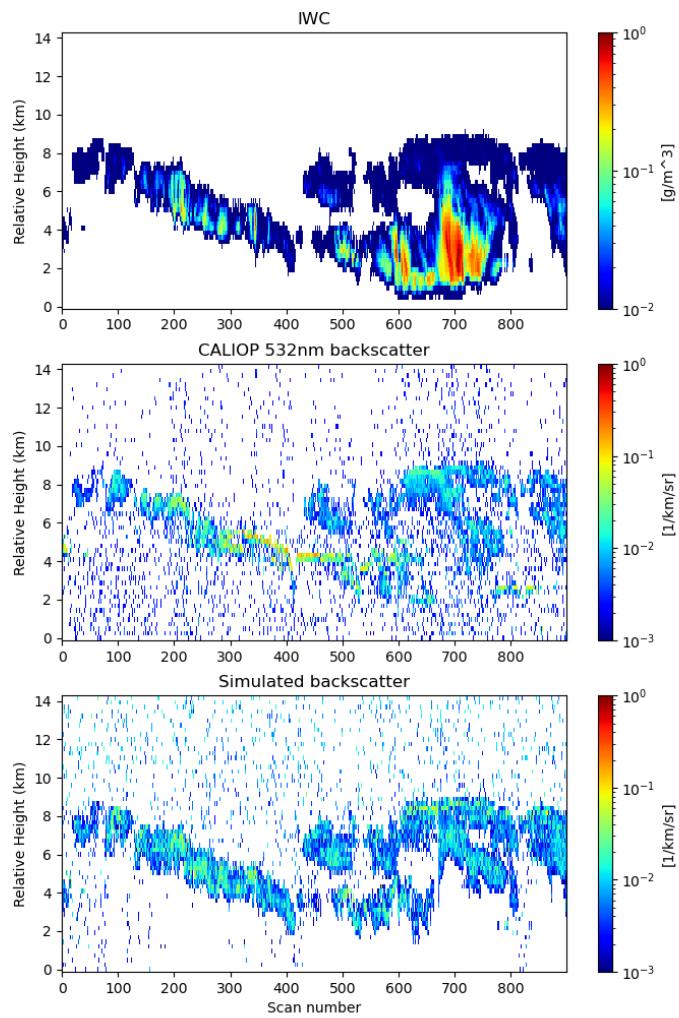


Figure 1: From top to bottom: (i) Estimated IWC from the 2C-ICE product for CloudSat orbit 69372, (ii) observed CALIOP backscatter, and (iii) simulated lidar backscatter.