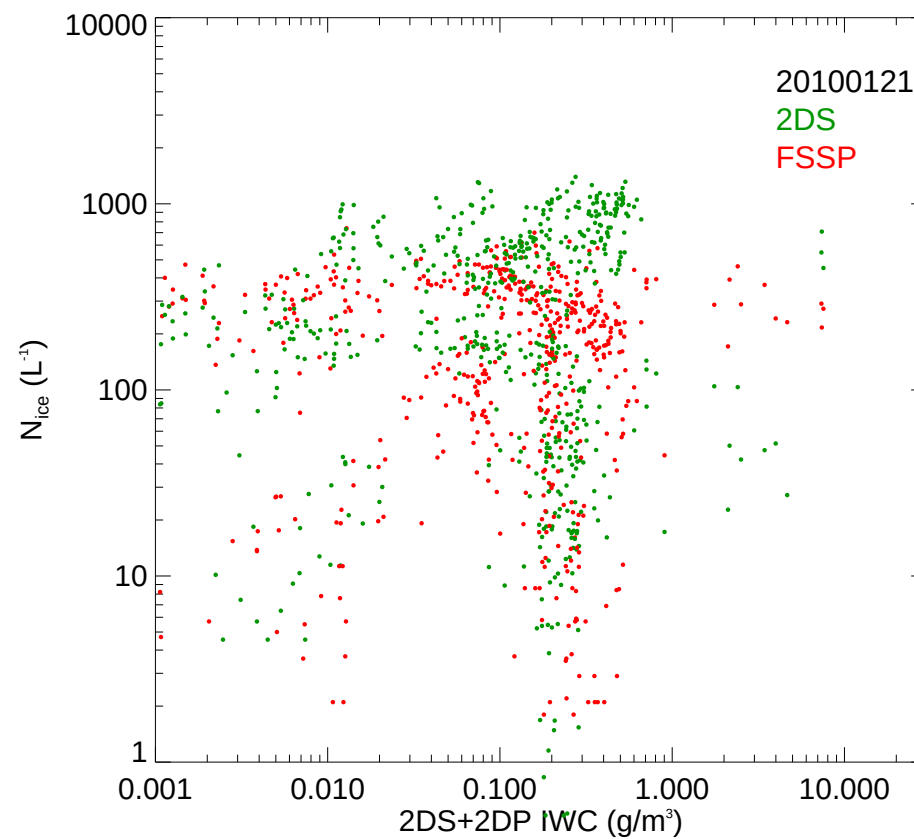
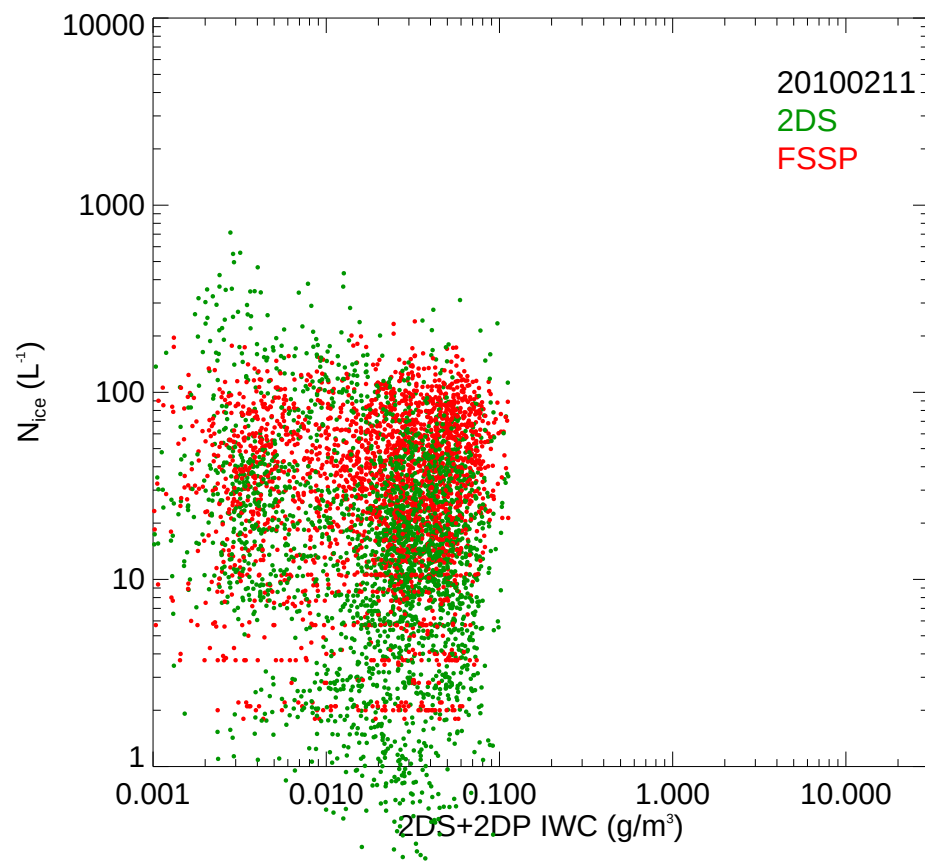
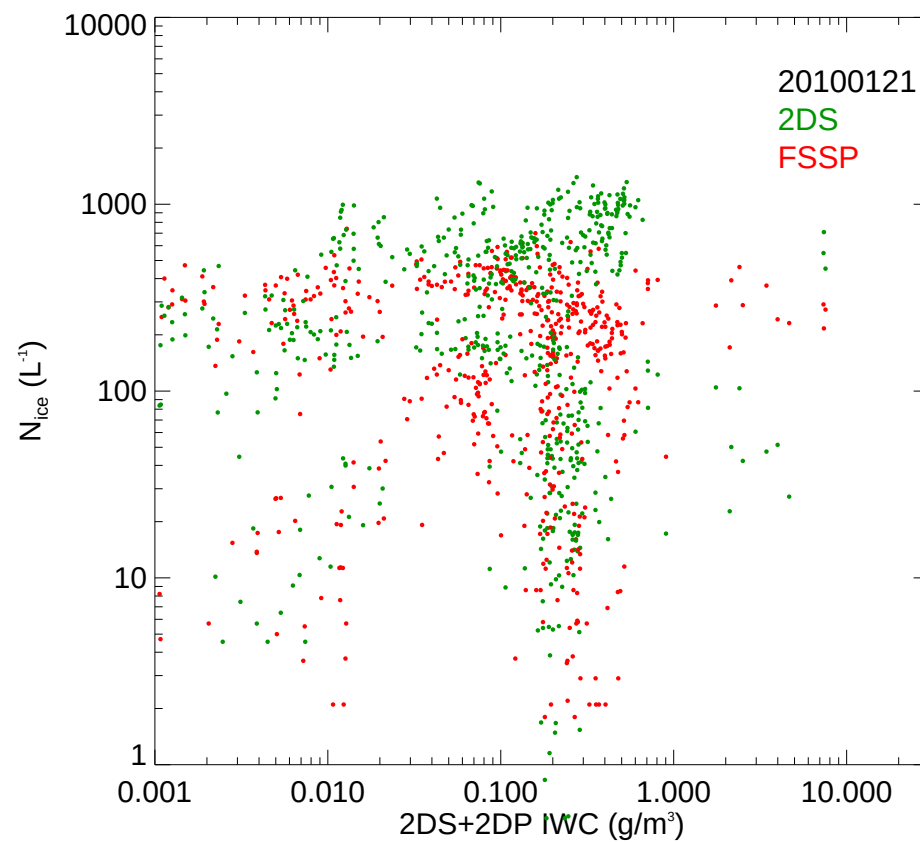
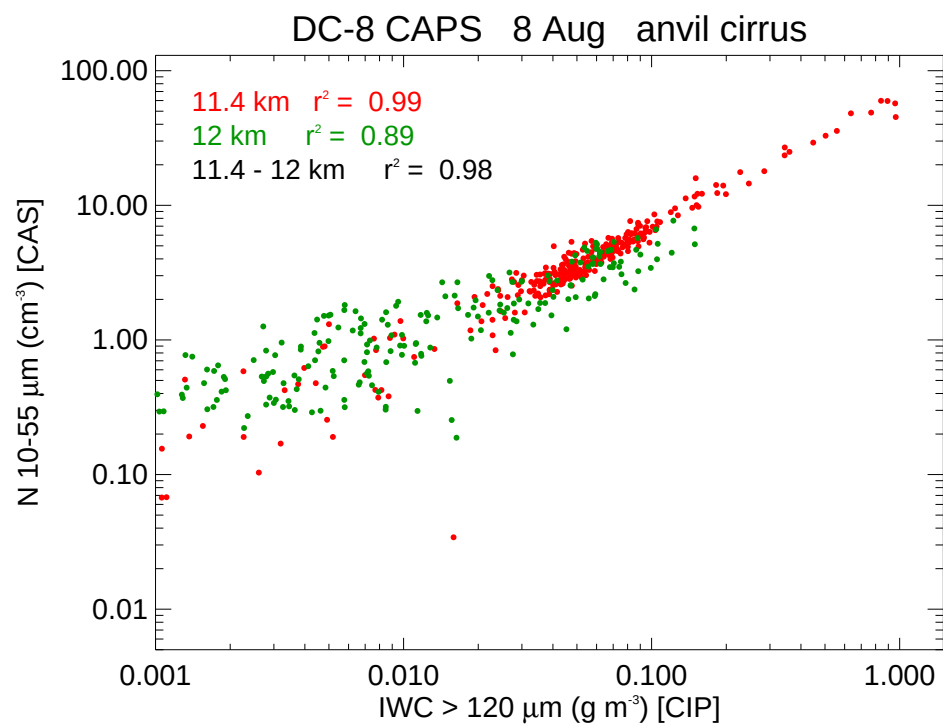
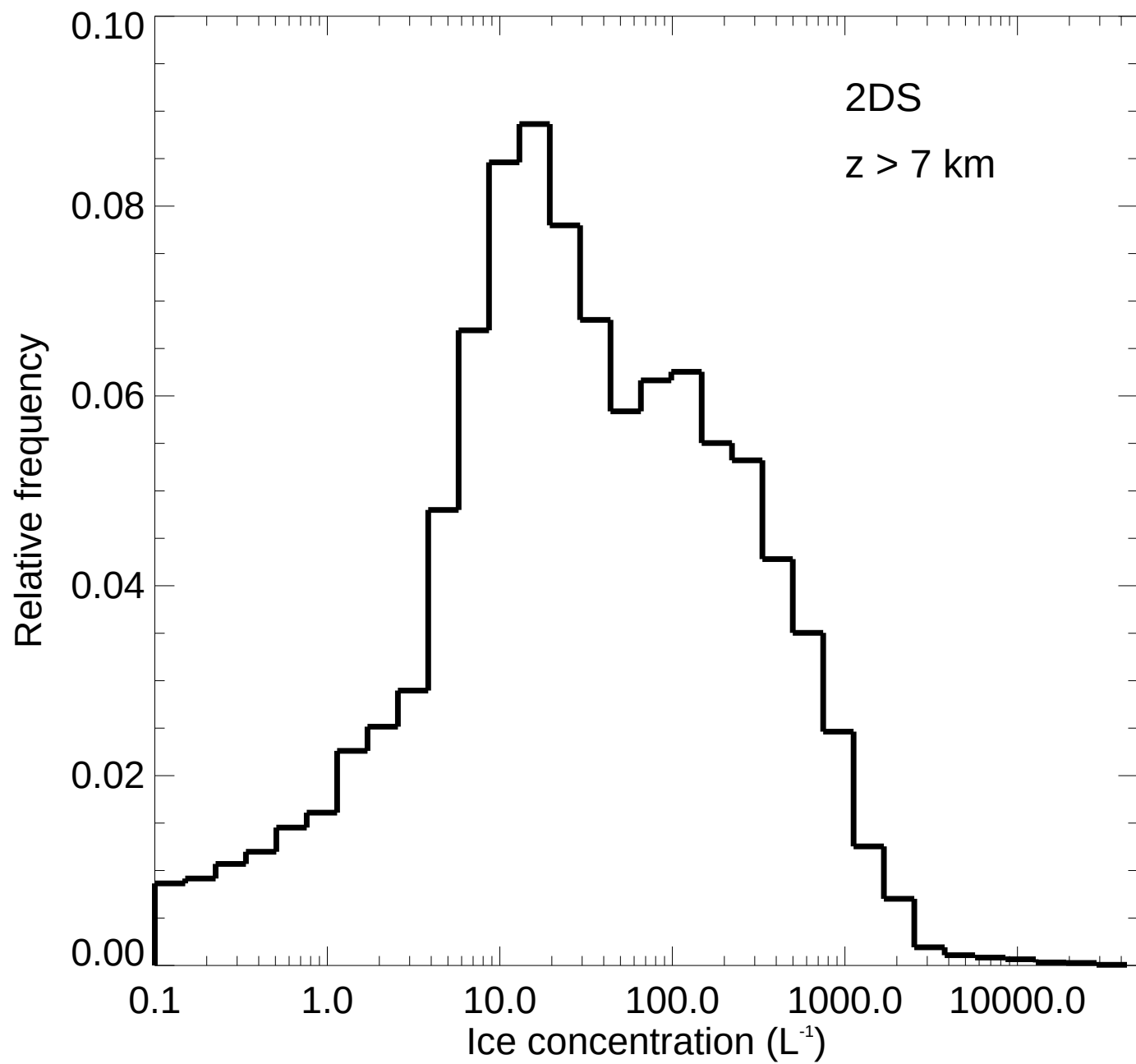


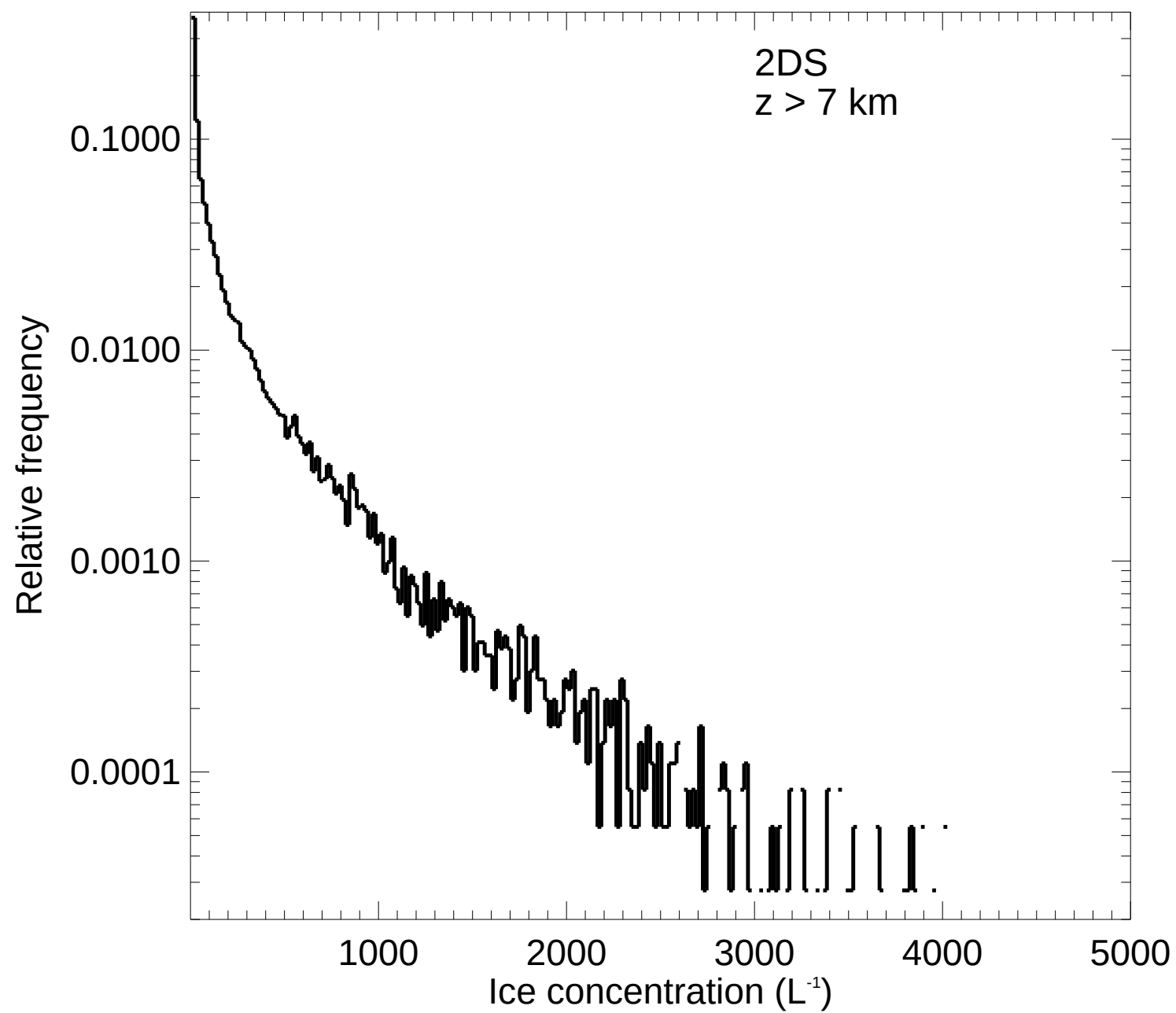
Shatterin artifacts?

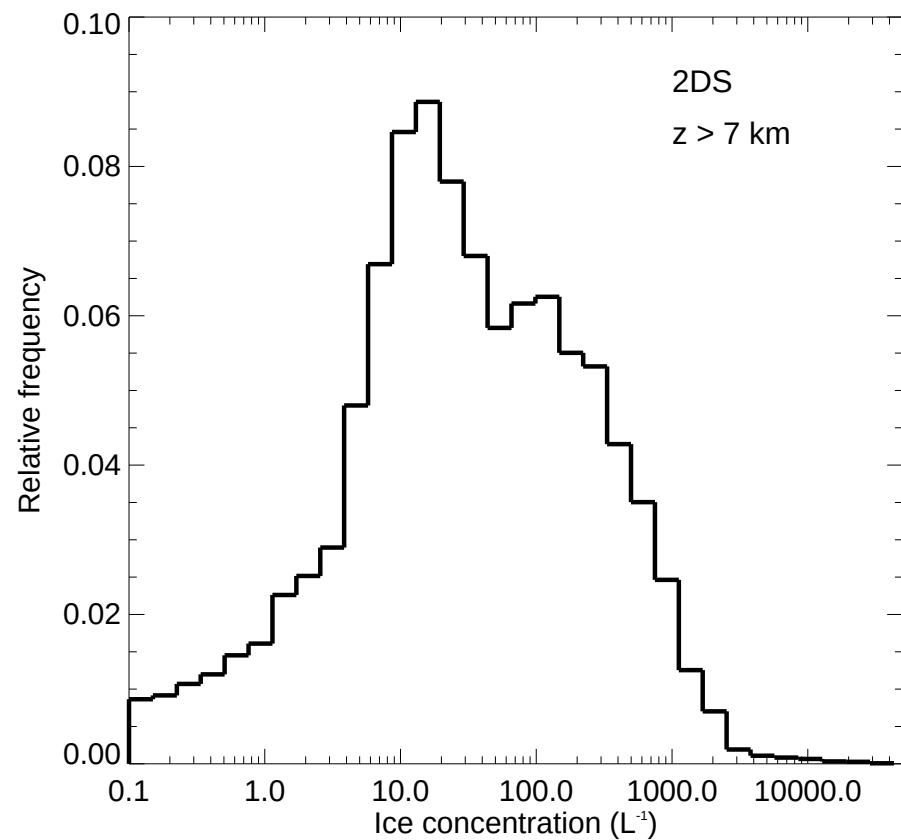


Shatterin artifacts?

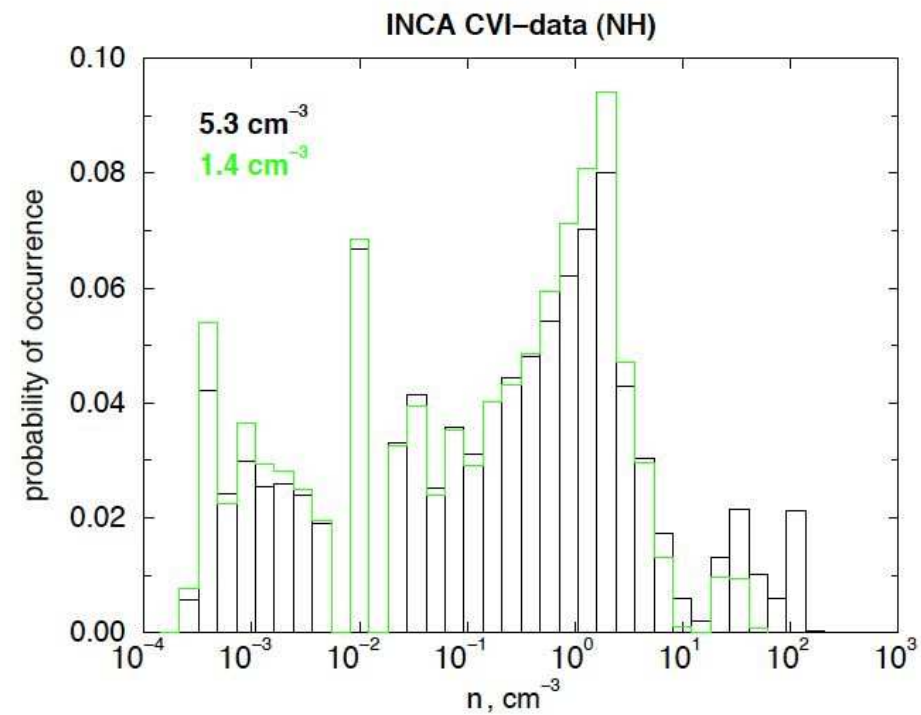
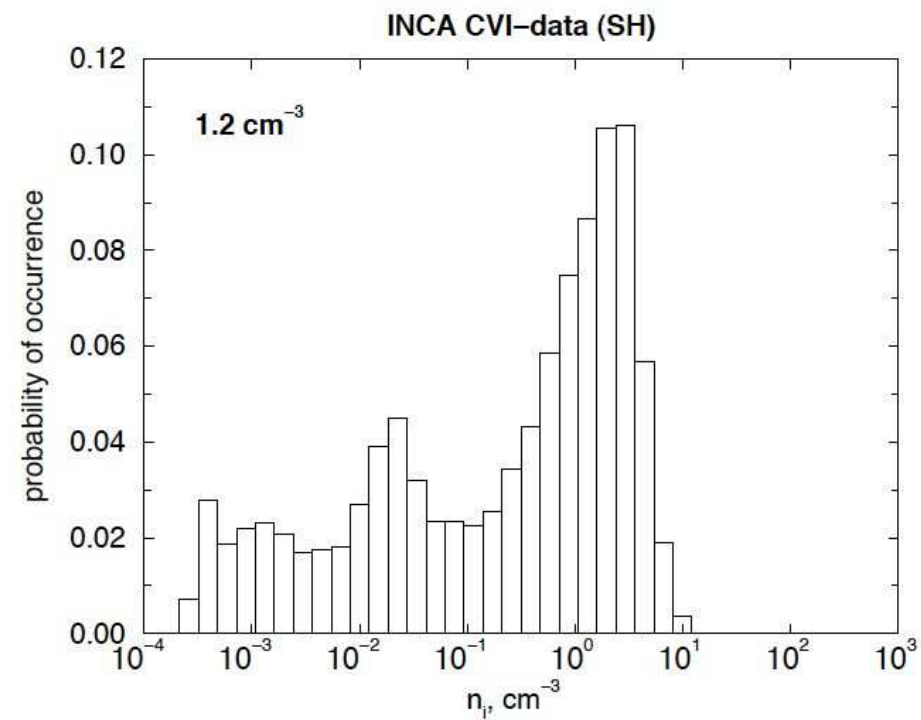


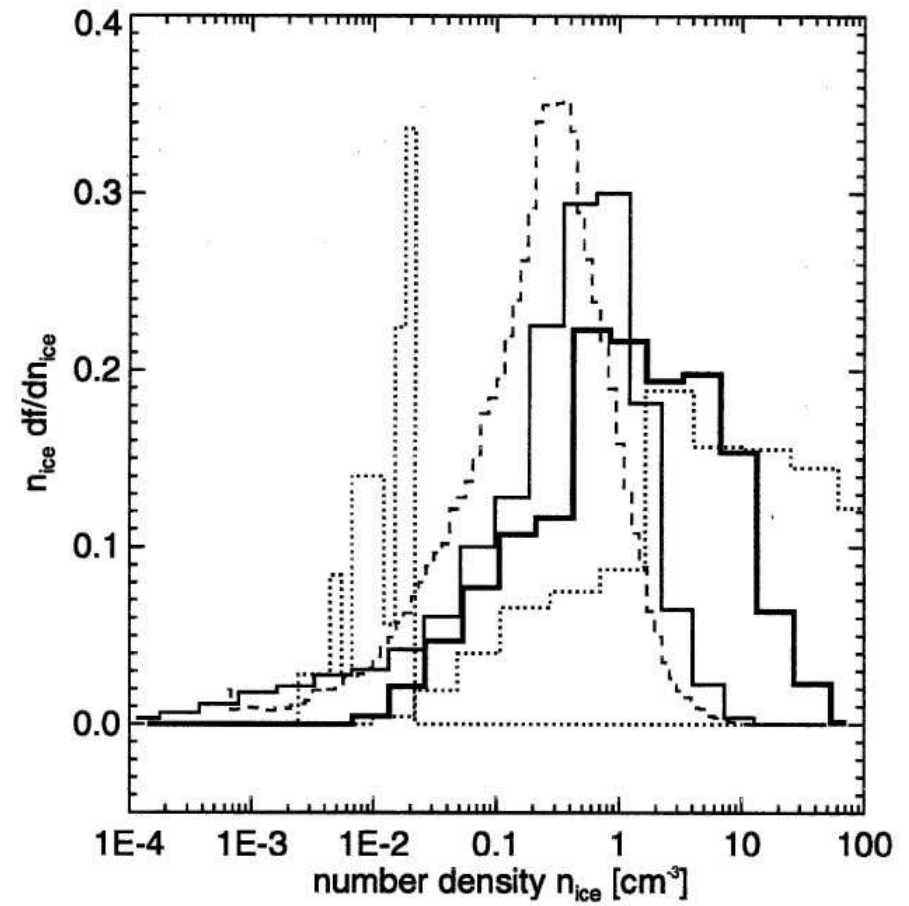
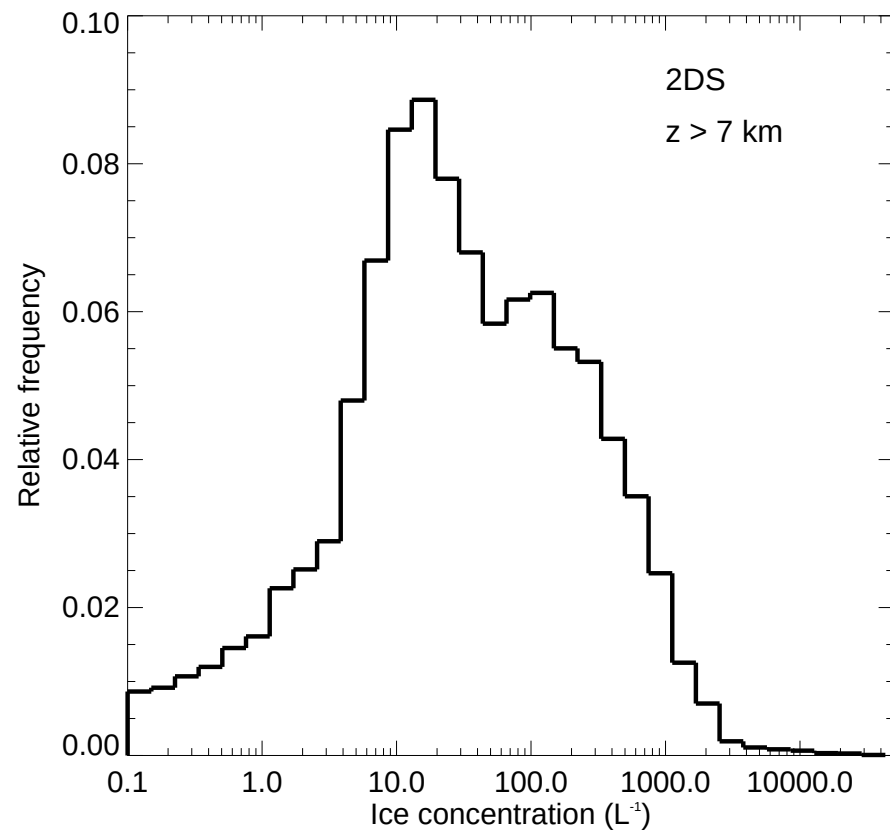




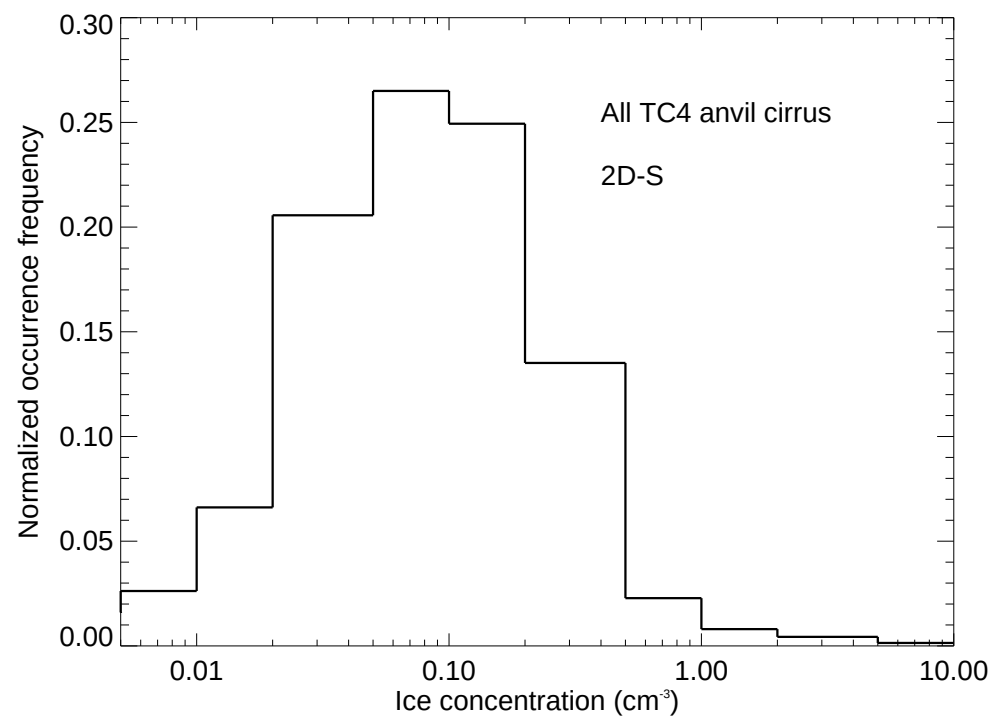
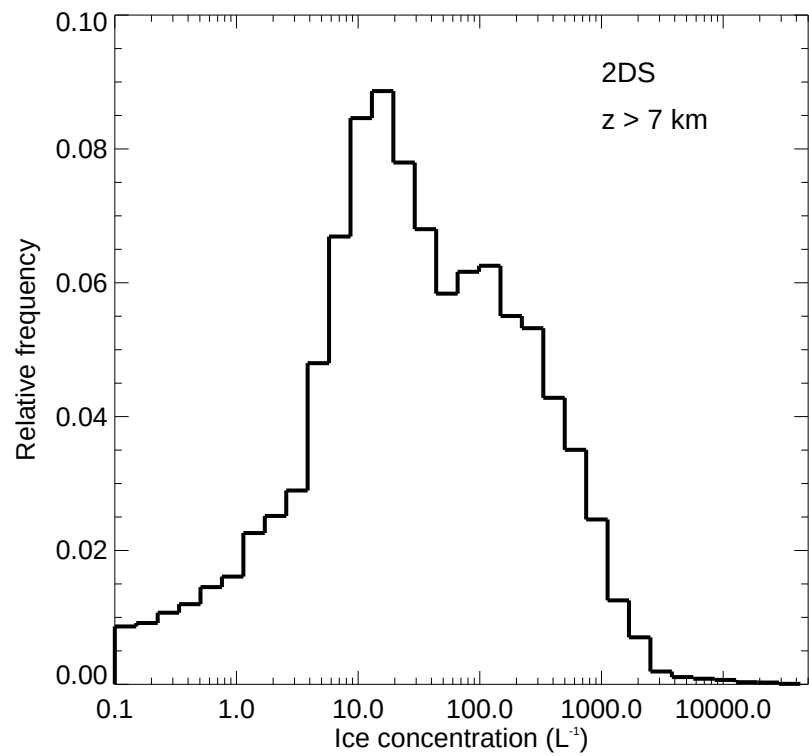


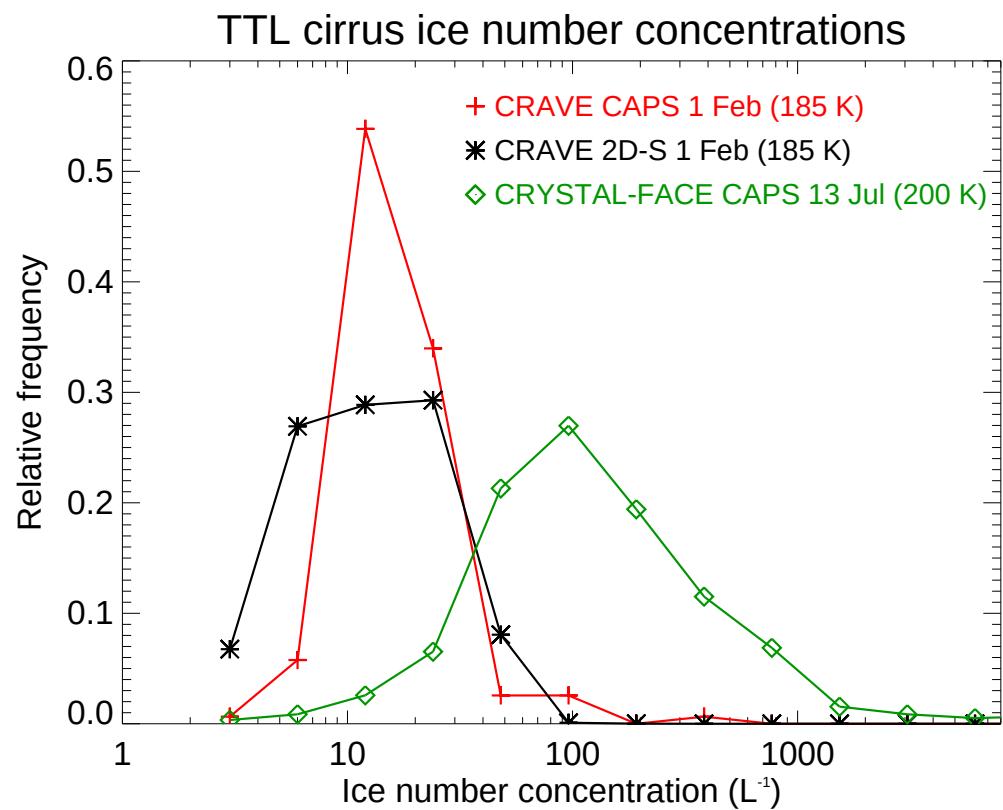
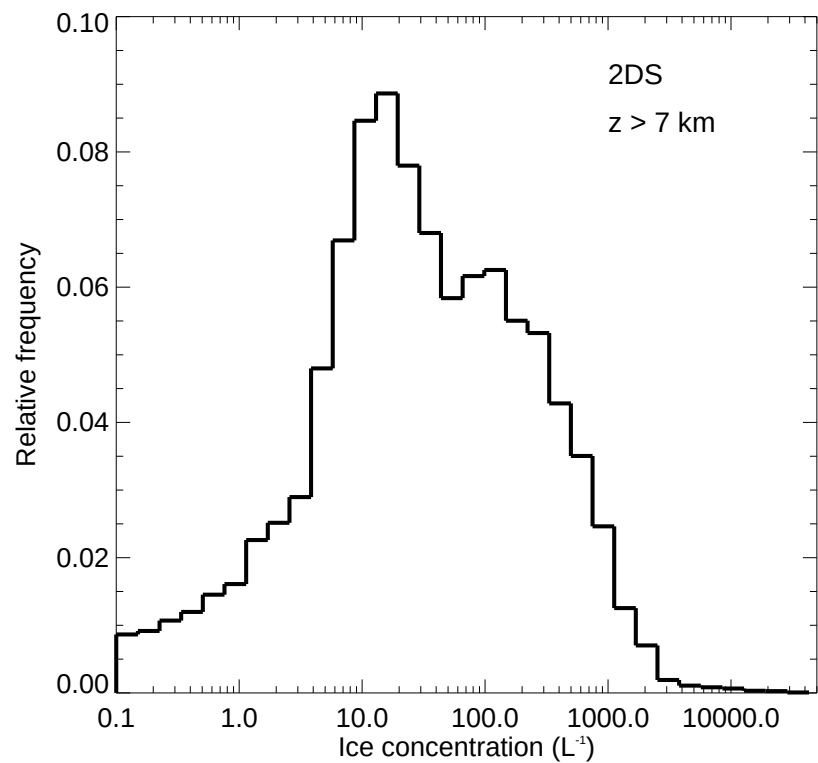
Kaercher and Stroem [2003]





Hoyle et al. [2005] (MASP)





Research plan

- Compare/evaluate ice crystal size distribution measurements
- Run a large number of 1-D trajectory-curtain cirrus simulations
- Compare model statistics of ice concentration with Sparticus measurements
- Compare model statistics of cloud extinction with SGP lidar and CALIPSO measurements
- Provide statistics for evaluation/improvement of GCM cloud parameterizations