

Atmos. Chem. Phys. Discuss., referee comment RC1
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Comment on acp-2021-582

Andrew Heymsfield (Referee)

Referee comment on "Reduced ice number concentrations in contrails from low aromatic biofuel blends" by Tiziana Bräuer et al., Atmos. Chem. Phys. Discuss.,
<https://doi.org/10.5194/acp-2021-582-RC1>, 2021

A few preliminary comments on this very well done article

- Lines 91, 92: I suggest adding an equation for calculating the extinction coefficient
- 101 relative humidity with respect to ice
- Fig. 3 Could you do a plot of the temperature and relative humidity distribution with altitude?
- I think it's essential to show particle size distributions-I have some questions about how you extrapolated the FFSSP data to sizes below 1 micron.