Atmos. Chem. Phys. Discuss., 12, C3311–C3312, 2012
www.atmos-chem-phys-discuss.net/12/C3311/2012/

Atmospheric Chemistry and Physics Discussions

Interactive comment on "Glassy aerosols with a range of compositions nucleate ice heterogeneously at cirrus temperatures" *by* T. W. Wilson et al.

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Received and published: 5 June 2012

In 2-nd paragraph of Introduction, the authors reviewed previews works which dealt with enhanced relative humidity with respect to ice observed outside and inside upper tropospheric cirrus ice clouds. The authors did not reference the following two works which also dealt with upper tropospheric cirrus ice clouds.

1. Bogdan, A. and M. J. Molina, 2009, "Why does large relative humidity with respect to ice persist in cirrus ice clouds?" J. Phys. Chem. A, 113, 14123-14130. 2. Bogdan, A. and M. J. Molina, 2010,"Aqueous Aerosol May Build up an Elevated Upper Tropospheric Ice Supersaturation and Form Mixed-Phase Particles after Freezing." J. Phys.

Chem. A, 114, 2821-2829.

It is interesting, whether the authors did not notice these works or intentionally did not reference them because they present alternative explanation?

Interactive comment on Atmos. Chem. Phys. Discuss., 12, 8979, 2012.