

***Interactive comment on* “Multiphase modeling of nitrate photochemistry in the quasi-liquid layer (QLL): implications for NO_x release from the Arctic and coastal Antarctic snowpack” by C. S. Boxe and A. Saiz-Lopez**

R. Sander

sander@mpch-mainz.mpg.de

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I would like to make a comment about terminology. Boxe and Saiz-Lopez show model calculations in a condensed layer of 14 μm thickness. They call this layer a quasi-liquid layer (QLL). I think, however, that they refer to liquid brine here, not a QLL. There is currently an active discussion about this question at another ACPD paper of the same authors:

<http://www.atmos-chem-phys-discuss.net/8/2953/2008/>

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acpd-8-2953-2008-discussion.html

I think that the result of that discussion will also apply to this paper.

Interactive comment on Atmos. Chem. Phys. Discuss., 8, 6009, 2008.

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