

Interactive comment on “A mechanism for biologically-induced iodine emissions from sea-ice” by A. Saiz-Lopez and C. S. Boxe

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In addition to the outstanding questions of Referee 1, I would like the authors to address how the reactions of I₂/HOI with DOM in the brine channels and of I₂ with I⁻ (equilibrium) in the brine channels and QLL will affect their results. Further, a minor point, but there is no statement in Carpenter (2003) regarding whether biogenic emissions of organic iodine are capable of sustaining the recent high observed Antarctic iodine concentrations.

Interactive comment on Atmos. Chem. Phys. Discuss., 8, 2953, 2008.

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