

***Interactive comment on “The HNO₃ forming
branch of the HO₂
+NO reaction : pre – industrial – to –
present trends in atmospheric species and radiative forcings”***

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Received and published: 16 August 2011

We appreciate this helpful comment. The H₂O effect is clearly interesting, and should be tested in global models, but only after it has been measured for the temperature and pressure range relevant to the troposphere and lower stratosphere. At the current stage, as the parameterisation is only valid for conditions near the Earth’s surface, we therefore leave the H₂O effect for later modelling studies.

Interactive comment on Atmos. Chem. Phys. Discuss., 11, 14801, 2011.