

## Reply to Referee 2 Comments - Figures

Manuscript-No: acp-2017-1190

Comparison of ECHAM5/MESSy Atmospheric Chemistry (EMAC)  
Simulations of the Arctic winter 2009/2010 and 2010/2011 with  
Envisat/MIPAS and Aura/MLS Observations

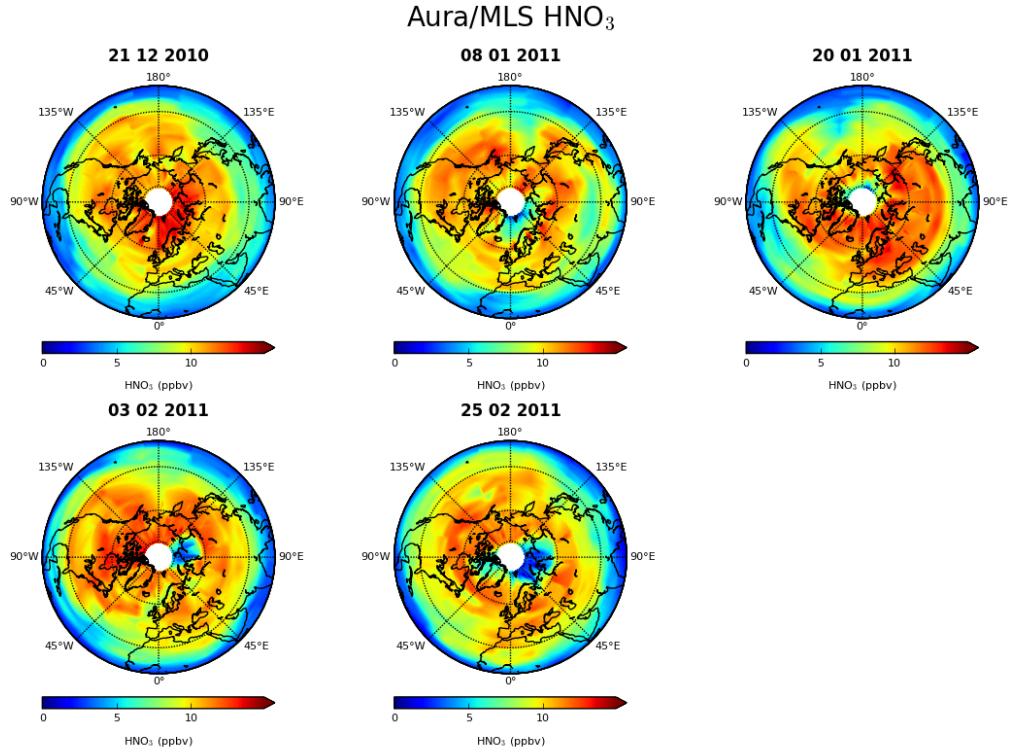


Figure 1: Distribution of  $\text{HNO}_3$  as observed by Aura/MLS for 21 December 2010, 3 and 25 February 2011 at 34 hPa ( $\sim 21\text{ km}$ ). Note: no data for 28 March 2011.

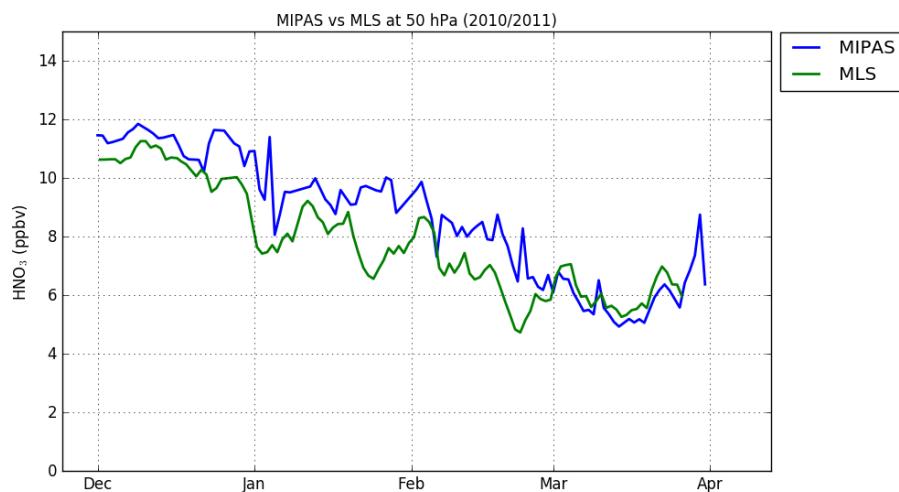


Figure 2: Time series of  $\text{HNO}_3$  (at 50 hPa) from MIPAS (blue) and Aura/MLS (green) for the Arctic winter 2010/2011 (1 December to 31 March, 70-90°N).