

# Methane and methanol measurements from the IASI sounder

Trailer

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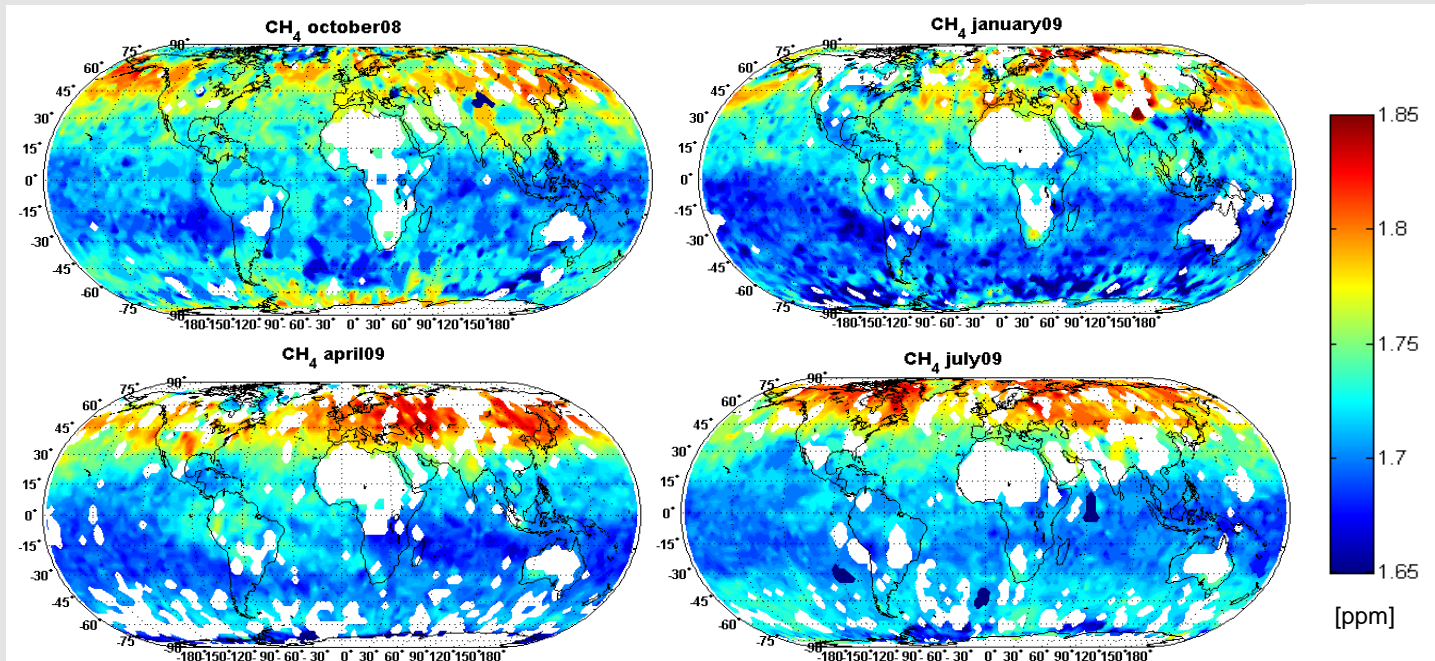
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IPSL, Paris, France.

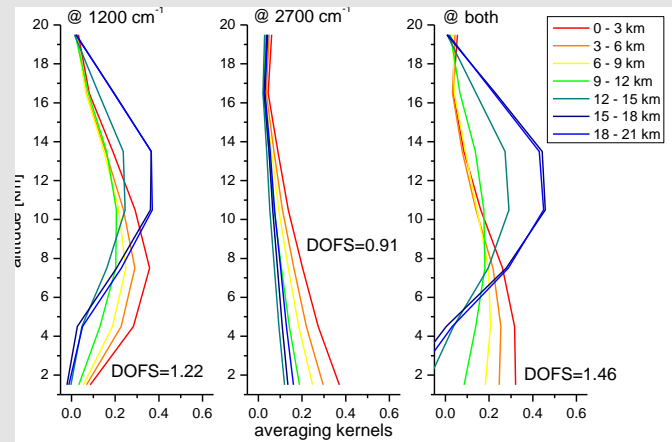
<sup>3</sup>Belgian Institute for Space Aeronomy, Brussels, Belgium



## Global distribution – $\nu_4$ absorption band

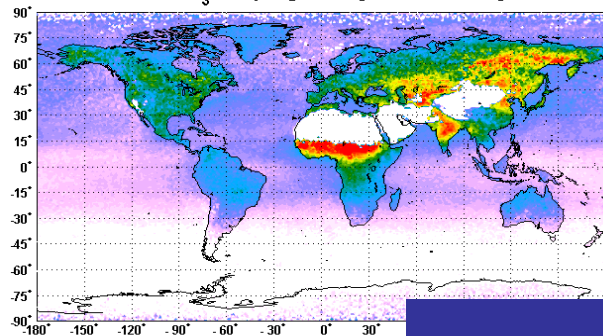


## Improved sensitivity – $\nu_3$ absorption band

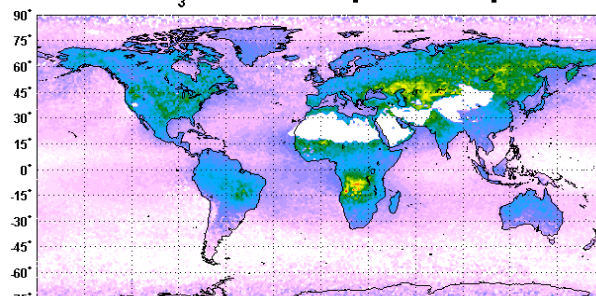


IASI 2009

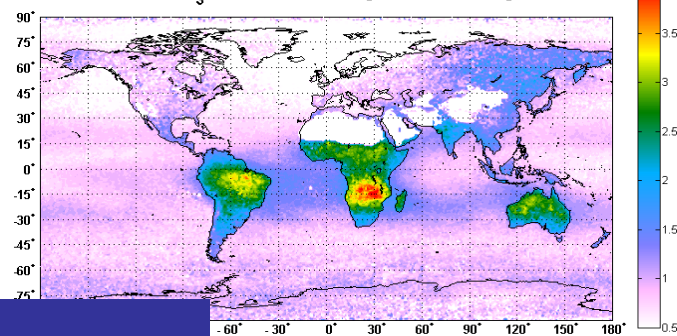
CH<sub>3</sub>OH Spring 2009 - [10<sup>16</sup> molec/cm<sup>2</sup>]



CH<sub>3</sub>OH Summer 2009 - [10<sup>16</sup> molec/cm<sup>2</sup>]



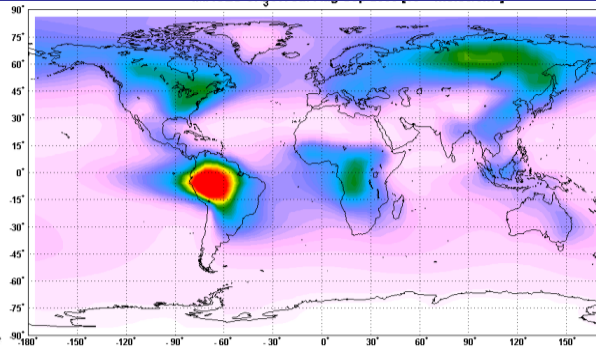
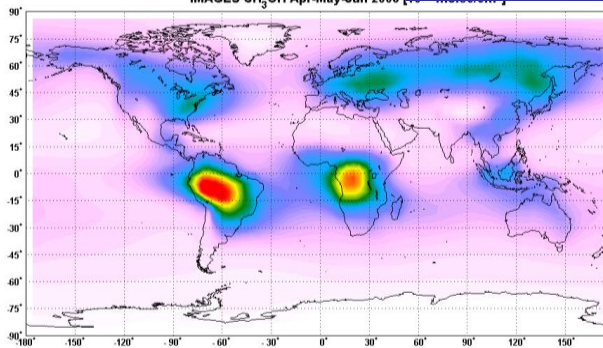
CH<sub>3</sub>OH Autumn 2009 - [10<sup>16</sup> molec/cm<sup>2</sup>]



# POSTER # 20

IMAGES global C

IMAGES CH<sub>3</sub>OH Apr-May-Jun 2008 [10<sup>16</sup> molec/cm<sup>2</sup>]



IMAGES CH<sub>3</sub>OH Oct-Nov-Dec 2008 [10<sup>16</sup> molec/cm<sup>2</sup>]

