

Interactive comment on “Geophysical validation of temperature retrieved by the ESA processor from MIPAS/ENVISAT atmospheric limb-emission measurements” by M. Ridolfi et al.

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In p. 5441 line 4: (0.035 cm⁻¹) should specified that it is unapodized. p.5441 line 9: pressure is other of the products processes in the processing chain

p.5447 line 18: C (centigrads) and K (kelvin) are used in the same line, I know that in terms of the precision it does not makes any difference but I will look better to have it all in the same units.

p.5453 line 14 should say 10.5 km instead of 10.5 p. 5453 line 16: same

In Fig 6 and 7 why the differences increases so much at the edges

p. 5462 it is said that the left plots refers from January to March and from october to December, while the right plots refer to the months from April to september 2003. The labels look wrong (both goes from January to December)

p.5462 line 18 it is specified that the measurments are in situ. In the spirale intrument only the temperature is an in situ measurement, SPIRALE measures radiances.

In Fig 16, why this difference appears at all months at mainly at the same height

Interactive comment on Atmos. Chem. Phys. Discuss., 7, 5439, 2007.

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Interactive Discussion

Discussion Paper