

Interactive comment on “Long-memory processes in global ozone and temperature variations” by C. Varotsos and D. Kirk-Davidoff

C. Varotsos and D. Kirk-Davidoff

Received and published: 18 August 2006

We thank the anonymous referee for his very useful comments. We modified the title, as suggested. Preliminary results obtained from the analysis to higher latitudes (especially in Southern Hemisphere-Antarctica) were discussed earlier in Varotsos C: Power-law correlations in column ozone over Antarctica, Int J Remote Sens. 26 (16): 3333-3342, 2005. The detailed analysis to higher latitudes along with the relevant discussion on the plausible mechanisms that are responsible for the persistence shown in this paper will appear elsewhere, soon. We modified the abstract according to the suggestions. We considered all the suggested technical corrections. We added the Figure showing the time series of TBT, as requested.

Interactive comment on Atmos. Chem. Phys. Discuss., 6, 4325, 2006.