

Interactive comment on “Temperature lidar measurements from 1 to 105 km altitude using resonance, Rayleigh, and Rotational Raman scattering” by M. Alpers et al.

Anonymous Referee #2

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My main concern about this paper is about the new information it provides. The paper coupled different techniques that are already well described (and references are given) and so the paper suffers of a lack of new results. While it is probably a great challenge and a good opportunity to provide a full vertical temperature profile, there is no information how this is effectively achieved. It would have been very interesting to have more information on how those techniques are coupled, how they compared on common height range, what type of error are expected, what accuracy is finally obtained and expected when temperature profiles are joined together.

Interactive comment on Atmos. Chem. Phys. Discuss., 4, 923, 2004.

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Interactive Discussion

Discussion Paper