

Interactive comment on “Nadir lidar observations of aerosol layers” by F. Marenco

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I wish to thank both reviewers for their appreciation of this work, and for their advice.

In the revised version of the paper I will put more references to the past and recent literature, add a paragraph on multiple scattering, and mention the number of simulated profiles used.

I agree with reviewer 2 on the fact that hygroscopic aerosol in a humid boundary layer would not follow the $BR=$ constant assumption; a sentence will be added to the revised paper.

All the advice given by both reviewers will be addressed in the new version of the manuscript.

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