

# ***Interactive comment on “Polar stratospheric cloud climatology based on CALIPSO spaceborne lidar measurements from 2006–2017” by Michael C. Pitts et al.***

## **Anonymous Referee #1**

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From the authors' reply I take that the attenuated parallel (perpendicular) backscatter coefficients as used in the paper actually denote the sum of the parallel (perpendicular) backscatter coefficients related to molecules and particles. This should be clearly stated in the manuscript. Generally, the term total attenuated backscatter coefficient is used to avoid misunderstanding.

Having said this, I would like to urge the authors to use less ambiguous names for their parameters and provide clear definitions/equations of how they are defined.

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Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2018-234>, 2018.

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Discussion paper

