

Atmos. Meas. Tech. Discuss., author comment AC2
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Reply on RC2

Francesco Cairo et al.

Author comment on "A study of Mie scattering modelling for mixed phase Polar Stratospheric Clouds" by Francesco Cairo et al., Atmos. Meas. Tech. Discuss., <https://doi.org/10.5194/amt-2022-28-AC2>, 2022

The authors thank the reviewer for the comments. In particular, they are ready to follow the reviewer's suggestion on the use of T-matrix codes to derive a range of R_{th} and, in this proposed perspective, of the particulate aspect ratio, which best accord with the backscattering and depolarization observations. This will be done in an upcoming redaction of the work, or in a new submission, following the instructions of the editors.