

Interactive comment on “Nighttime O(¹D) distributions in the mesopause region derived from SABER data” by Mikhail Yu. Kulikov and Mikhail V. Belikovich

Mikhail Yu. Kulikov and Mikhail V. Belikovich

mikhail_kulikov@mail.ru

Received and published: 24 January 2020

We would like to say many thanks the referee for taking the time to review our manuscript and very constructive comments. The authors agree with the criticism expressed by the referee. In the revised manuscript we changed the OH(v) model used for derivation of nighttime O(1D) from SABER data, recalculated all results and reanalyzed them. We applied more advanced model from Fytterer et al. (2019) which addressed (as we believe) to all referee's concerns. Authors' reply to the Referee comments is in the supplement.

C1

Please also note the supplement to this comment:

<https://www.ann-geophys-discuss.net/angeo-2019-154/angeo-2019-154-AC1-supplement.pdf>

Interactive comment on Ann. Geophys. Discuss., <https://doi.org/10.5194/angeo-2019-154>,
2019.

C2