

Response to Reviewer #3

We thank the reviewer for helpful comments. Our responses to the reviewer's specific comments are listed below. The reviewer's concerns are in bold italicized font and our responses are in regular font. The page numbers and line numbers given in our responses below are in reference to the revised version of the manuscript.

The article has been significantly improved. It represents a significant contribution in the area of stratospheric aerosols.

Specific comments

Figure 1: I suggest the authors add label for black dots in figure 1 legend (the black dots represent positive extinction coefficients with ; 50 Describe the horizontal line near the altitude of 12 km in the figure caption. Does this represent tropopause height?

Done. Thanks.

Figure 5 and 7: Increase the font size to make it more readable.

We increased the font size in figure 2, 5, and 7. Thanks.