

Interactive comment on “Characterisation of a stratospheric sulphate plume from the Nabro volcano using a combination of passive satellite measurements in nadir and limb geometry” by M. J. M. Penning de Vries et al.

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We thank Simon Carn for his extensive review of our paper. We regret that he finds some of the analysis “hard to follow” and we hope our replies to his comments and the changes to the manuscript will improve the readability and clarity. Simon Carn has pointed out two important issues that we would like to resolve here and clarify in the revised version of our manuscript: (1) the ambiguity regarding aerosol composition and (2) the different OMI UVAI data sets and their respective viewing angle dependence.

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Please see the supplement for our replies.

Please also note the supplement to this comment:

<http://www.atmos-chem-phys-discuss.net/14/C4344/2014/acpd-14-C4344-2014-supplement.pdf>

Interactive comment on Atmos. Chem. Phys. Discuss., 14, 7739, 2014.

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