

Interactive comment on “Global inorganic nitrate production mechanisms: Comparison of a global model with nitrate isotope observations” by Becky Alexander et al.

Anonymous Referee #1

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The authors present an interesting analysis of oxygen isotopes in nitrate as a constraint on global chemistry. They consider the main processes, the role of a variety of interesting more minor ones and conclude that N_2O_5 and OH driven processes are about equal contributors to the global average nitrate source.

I recommend publication as is.

Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2019-422>, 2019.