

Interactive comment on “Aerosol particle properties in the tropical free troposphere observed at Pico Espejo (4765 m a.s.l.), Venezuela” by T. Schmeißner et al.

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This is very interesting work. The work is helpful to understand the field site aerosol size and number properties, these parameters are important for global climate models. I have one question. The source of aerosol particles observed in the biomass burning plumes is not stated. Is it mostly local? It would be useful to know if back-trajectory calculations show any other source of aerosol particles. It is possible that during burning season period the field site might sample the long range transported particles, and might influence the aerosol properties measured in this season. We observed this behavior at CO, USA mountain top facility, and global and local sources

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were distinguished by looking at the aerosol chemical composition and backtrajectory calculations.

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