

Interactive comment on “Separating mixtures of aerosol types in airborne High Spectral Resolution Lidar data” by S. P. Burton et al.

T. Nishizawa

nisizawa@nies.go.jp

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You proposed and demonstrated a novel method to separate two specific aerosol types (e.g., pollution+dust, dust+marine, or smoke+marine) using air-borne HSRL. Then I wonder why you focus on separating only two aerosol types. I guess that your method can be easily expanded to separate more aerosol type (e.g. three types, four types and so on) simultaneously depending on number of observed parameters.

Interactive comment on Atmos. Meas. Tech. Discuss., 6, 8269, 2013.