

Interactive comment on “Optical-microphysical properties of Saharan dust aerosols and composition relationship using a multi-wavelength Raman lidar, in situ sensors and modelling: a case study analysis” by A. Papayannis et al.

A. Papayannis et al.

apdlidar@central.ntua.gr

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Prof. Mishchenko is fully right. We will replace in our manuscript the phrase: “However, without knowledge of the particle depolarization ratio (which provides a measure of the particle non-sphericity), the spheroid volume ratio (SVR) is underestimated, which leads to the underestimation of the real part of refractive index”

by the following one:

“However, without using the particle depolarization ratio in retrieval, the spheroid vol-

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ume ratio (SVR) is underestimated, which leads to the underestimation of the real part of refractive index".

Interactive comment on Atmos. Chem. Phys. Discuss., 11, 25473, 2011.

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