

Interactive
Comment

Interactive comment on “One year of CNR-IMAA multi-wavelength Raman lidar measurements in correspondence of CALIPSO overpass: Level 1 products comparison” by L. Mona et al.

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The paper presents systematic (1-year) correlative aerosol lidar measurements between the PEARL multi-wavelength Raman lidar and the CALIOP lidar. The authors state in several places (abstract, main text, etc) that this is done for the first time; however, they should stress out that this is done thanks to their SYSTEMATIC (very high number of correlative) measurements. On the other hand the authors should cite relevant work of other authors who already published systematic (but with lower number of total measurements) correlative aerosol lidar measurements between ground-based multi-wavelength Raman and the CALIOP lidars. Such work by Mamouri et al., (2009)

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was recently published at the Atmos. Meas. Tech. Discuss., 2, 561–587, 2009.

Some additional comments. 1) Fig. 1 could show also all EARLINET lidar sites to give the reader a full overview of the existing lidar sites which are currently used to validate the CALIOP data 2) In the same figure the red lines (discussed in the legend) are missing

Interactive comment on Atmos. Chem. Phys. Discuss., 9, 8429, 2009.

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9, C571–C572, 2009

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