

Interactive comment on “NASA LaRC airborne high spectral resolution lidar aerosol measurements during MILAGRO: observations and validation” by R. R. Rogers et al.

Anonymous Referee #1

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This is a well written description of High Spectral Resolution Lidar techniques and their application to the MILAGRO field campaign. The descriptions of data handling are either clear or referenced to appropriate publications. The agreement among various methods for AOD is encouraging. A few suggestions: The figures need some attention. Some are not described appropriately, e g., Fig 6 does not delineate between the curves as to which is HSRL and which is HIGEAR. Some other figures need to be better described in the caption I found little/no reference to the Tables; rather the numbers given in the tables were spelled out in the text. Just referring to the tables will make the text much more readable and the manuscript shorter.

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Interactive comment on Atmos. Chem. Phys. Discuss., 9, 8817, 2009.