

Interactive comment on “Absorbing aerosols at high relative humidity: closure between hygroscopic growth and optical properties” by J. M. Flores et al.

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We would like to thank the reviewers for their helpful remarks. We are convinced that the comments and suggestions helped us make the manuscript better and clearer. Following the reviews, we have modified the manuscript extensively and explained more clearly issues suggested by the reviewers. In general we followed the suggestions from the three reviewers and have excluded from the revised version the discussion about the change in optical properties in the twilight zone of clouds. With this change we decided to change the introduction of the manuscript to fit the experimental work. Furthermore, we have modified the abstract and changed the name of the manuscript

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to “Absorbing aerosols at high relative humidity: linking hygroscopic growth to optical properties” Finally, we have corrected for the contribution of multiply charged particles exiting the first DMA to the extinction signal of the cavity ring down aerosol spectrometer. This has improved the retrievals and the results. The details of the specific changes asked by each reviewer are in their specific responses.

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