Interactive comment on “A spectral method for retrieving cloud optical thickness and effective radius from surface-based transmittance measurements” by P. J. McBride et al.

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The paper of McBride et al. is aimed at the introduction of a new method in atmospheric measurement techniques. The method is aimed at the retrieval of droplet radii from ground measurements of light transmitted through a cloud. Also the authors determine the cloud optical thickness, which is already a routine technique and implemented in AERONET. I strongly support the publication of this very interesting paper. I suggest that authors present the droplet size distribution used in the retrievals (half-width of distribution, its functional form). Also they may change "asymptotic value of 1" to "asymptotic value of about 1" on p.1068 (see Kokhanovsky, Cloud Optics, 2006).