

Listed below are the reviewers comments (italicized) and our responses.

Reviewer #1

1. I suggest that authors present the droplet size distribution used in the retrievals (halfwidth 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).

We thank the reviewer for these suggestions. The cloud droplet distribution is indeed an important parameter. We added the requested information into section 2.7 where the radiative transfer model is discussed. However, we added the effective variance rather than the half-width. This information was included in a paragraph about Mie calculations that was added after line 22 of page 1065 of the Discussion Paper.