

Interactive comment on “A better understanding of POLDER’s cloud droplet size retrieval: impact of cloud horizontal inhomogeneity and directional sampling” by H. Shang et al.

H. Shang et al.

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Dear Dr. B. van Diedenhoven,

I agree with your suggestion with respect to the calculation of the effective radius and variance for mixtures of gamma distributions. I have read the article (Alexandrov et al., 2012) that you have mentioned, I am still not clear how to calculate the combined gamma effective radius and variance. Could you please tell me which formulas are used? Thank you very much!

Yours sincerely,

C3260

Huazhe Shang

Interactive comment on Atmos. Meas. Tech. Discuss., 8, 6559, 2015.