

Interactive comment on “Validation of aerosol and cloud layer structures from the space-borne lidar CALIOP using Seoul National University ground-based lidar” by S.-W. Kim et al.

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Received and published: 13 September 2007

I think the claim that this is the first "validation" of CALIPSO data is false.

My second concern is that the "validation" of attenuated beta is not the correct way to prove that CALIPSO is working well in the PBL since the dependence on extinction is implicit. Until CALIPSO extinction profile (not out yet) is validated against a ground based system with the ability to determine S_a properly, I can't conclude that CALIPSO is yet validated.

Reviewer #1's comments that validating CALIPSO against the SNU system begs the question, "who validated the SNU system?" is a good one.

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