Interactive comment on “Global indirect aerosol effects: a review” by U. Lohmann and J. Feichter

U. Lohmann and J. Feichter

Received and published: 14 December 2004

Response to reviewer 1 (Steve Ghan):

1) We will add the dependence of the indirect effects on the background aerosol concentration, that’s a good point.

2) We will discuss the competition between natural and anthropogenic aerosols as CCN as suggested.

3) We will address the importance of predicting aerosol number in addition to mass in modal representations including those references that you have suggested in the revised manuscript.

4) We feel that discussing feedbacks of clouds on aerosols in depth would be beyond the scope of this paper. As suggested, we will discuss the paper by Baker and Charlson.
(1990) and also some other papers in this context. All specific comments will be incorporated.