

Interactive comment on “Nucleation events in the continental boundary layer: Influence of physical and meteorological parameters” by “M. Boy and M. Kulmala”

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Response to specific comments by Dr. Thomas Koop

1. We agree complete with this point and changed the figure 11 back to the normal calculated values.

2. This comment on the correlation of the H₂O molecules with the appearance of new particles is very interested and a possible explanation for having no particle formation or growing of TSC₂s to detectable sizes during periods of high values of relative humidity. In this paper we will not go deeper into detail about the reason for this correlation because all hypothesis are to unsure using them as plausible. But for the future and the next paper we will try to give a first statement about the theory which could be the effects of high concentrations of H₂O concerning the formation of new

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aerosols.

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