

## ***Interactive comment on “A model for particle formation and growth in the atmosphere with molecular resolution in size” by K. E. J. Lehtinen and M. Kulmala***

**K. E. J. Lehtinen and M. Kulmala**

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A contour plot of the result of the sectional model was added in figure 2, as suggested by the reviewer. The result discussion was also changed accordingly. As pointed out by the referee, now the differences between the results of the discrete and sectional methods can be seen clearly.

The clearly observable nucleation peaks in figure 3 were fitted by normal distributions, from which the peak locations and heights were extracted. This clarification is also added to the revised manuscript.

A line fit was added in figure 4b, as suggested by the referee.

The conclusions section was expanded to the direction pointed out by the referee.

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The three minor technical corrections suggested were done.

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Interactive comment on Atmos. Chem. Phys. Discuss., 2, 1791, 2002.

**ACPD**

2, S937–S938, 2002

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