

Interactive comment on “An improved criterion for new particle formation in diverse atmospheric environments” by C. Kuang et al.

Anonymous Referee #1

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This is a very detailed paper about the further development of a parameter characterizing new particle formation. The theory is well derived and the paper is written clearly and thoroughly. The authors tested the criterion with less than one hundred events, although they should have access to data sets of many hundreds. It is not made clear how the criterion may be applied in a more general way. This reviewer would like to see a clear listing of the type of data sets needed, and conditions to be fulfilled, to apply this new theory.

Interactive comment on Atmos. Chem. Phys. Discuss., 10, 491, 2010.