

Supplementary Information

Figure S1. Mean diameter of ammonium sulfate particles for increasing temperature in the thermodenuder (0.3 sLpm, 6-s residence time). Particles having an equivalent electric-mobility diameter of 80 nm were selected by a DMA₂ prior to evaporation.

Figure S2. CCN activation curves of particles passed through the thermodenuder at 25, 60, and 100 °C. DMA₂ is set to 100-nm mobility diameter (+1 charge equivalent), and the mode diameter decreases prior to CCNC measurement for particles passed at 60 and 100 °C because of partial evaporation (cf. Figs. 4 and 5). Experiment numbers are shown in the upper left-hand corner of the panels. Data (not shown) recorded for settings on DMA₂ of 80, 90, and 120 nm exhibit similar trends.

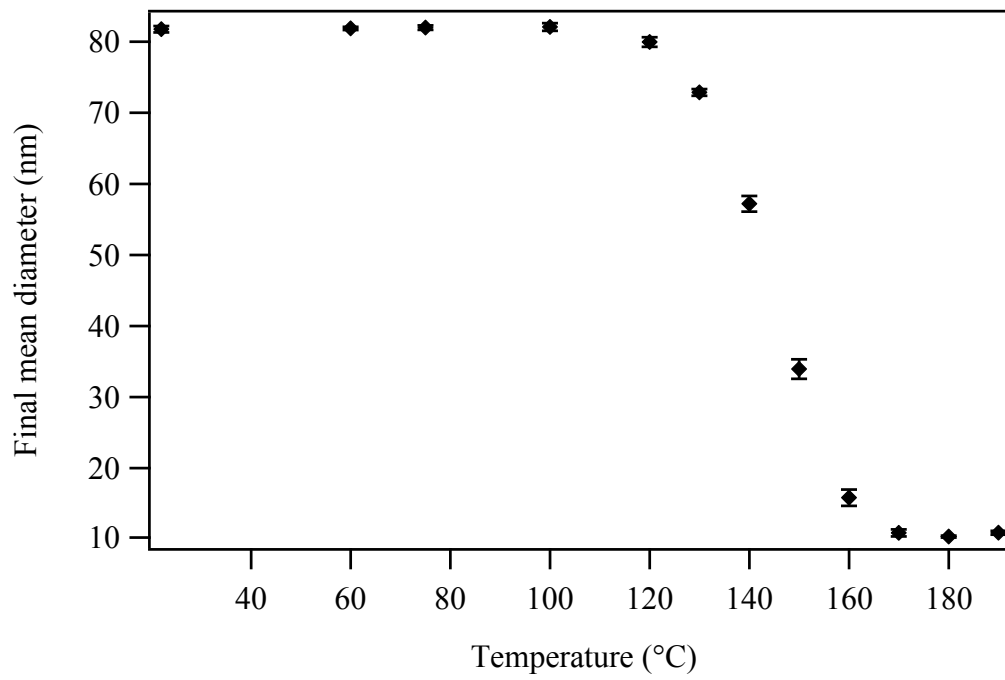


Figure S1.

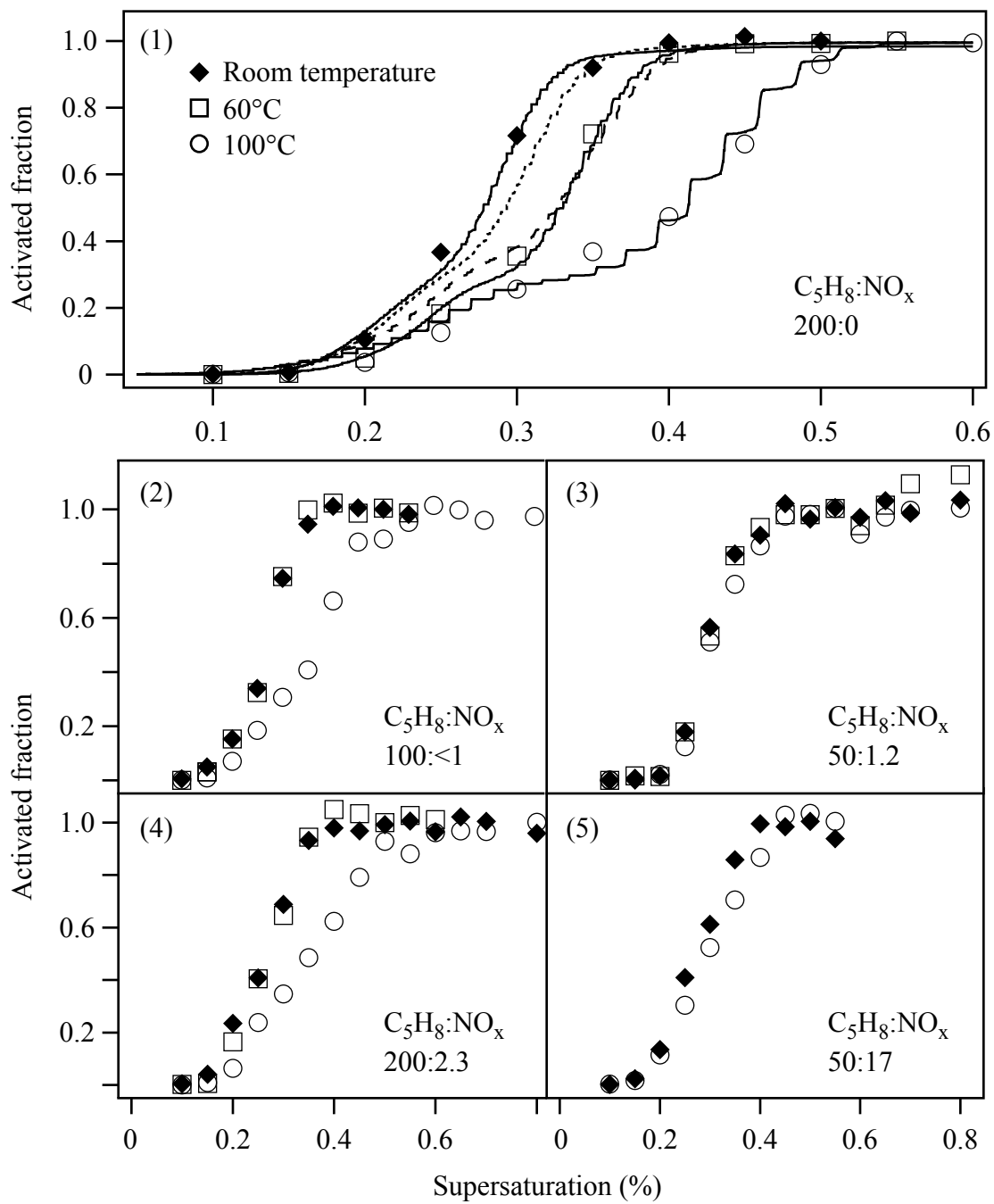


Figure S2.