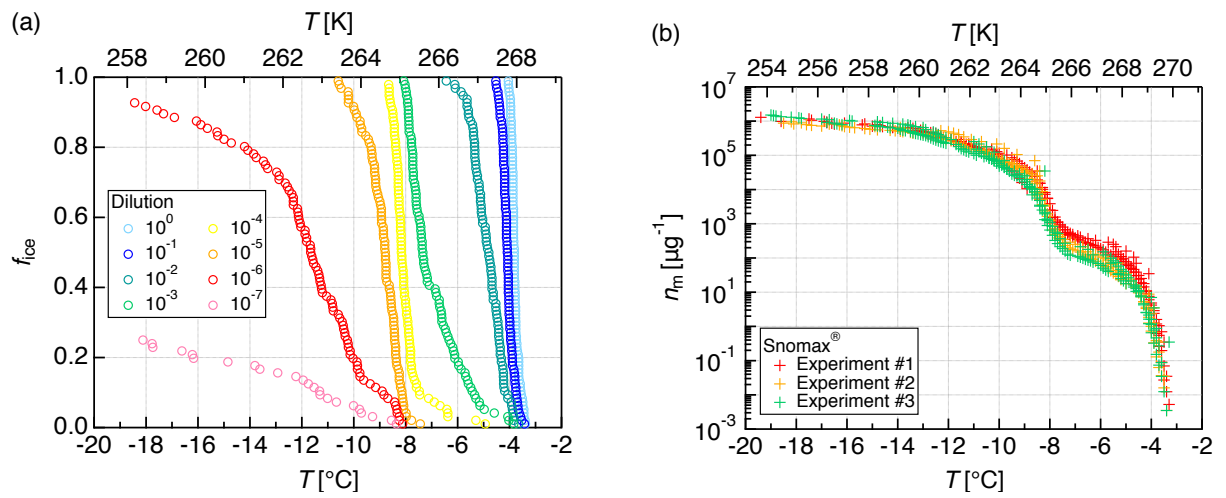
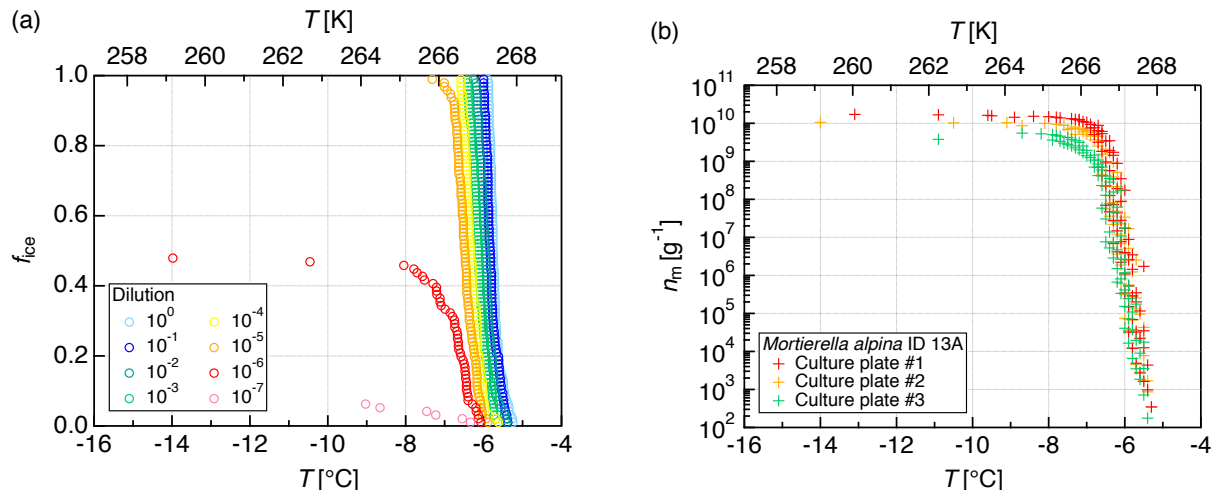


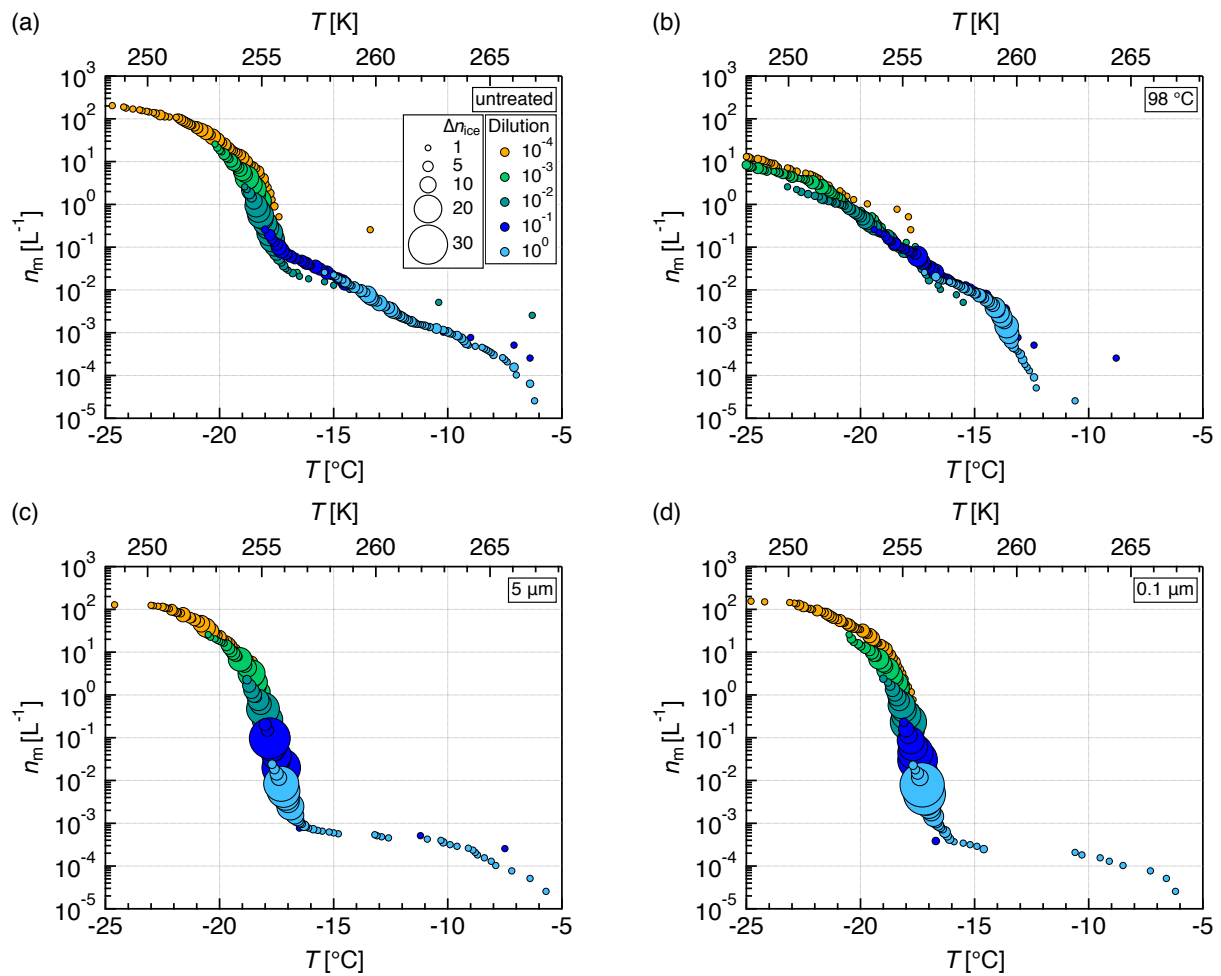
## Supplement



**Fig. S1:** Measurements of dilution series of bacterial IN (Snomax<sup>®</sup>). **(a)** Fraction of frozen droplets ( $f_{ice}$ ) vs. temperature  $T$  for each dilution (different symbol color) exemplarily for one experiment. **(b)** Cumulative number of IN ( $n_m$ ) per unit mass of Snomax<sup>®</sup>. Symbol colors indicate three independent measurements.



**Fig. S2:** Measurements of dilution series of fungal IN filtrate of *Mortierella alpina* 13A. **(a)** Fraction of frozen droplets ( $f_{ice}$ ) vs. temperature  $T$  for each dilution (different symbol color) exemplarily for one culture plate. **(b)** Cumulative number of IN ( $n_m$ ) per unit mass of mycelium. Symbol colors indicate three independent measurements of IN filtrate of three different fungal culture plates.



**Fig. S3:** Measurements of dilution series of (a) untreated, (b) heated, (c) 5  $\mu m$  filtered, (d) 0.1  $\mu m$  filtered extracts of atmospheric aerosols. Number of IN per liter air vs. temperature  $T$  for different treatments. Droplets of the same dilution of the two aliquots of each filter were added to a total droplet number of 192 ( $2 \times 96$  droplets). Symbol colors indicate different dilutions; symbol size indicates the number of frozen droplets per temperature interval ( $\Delta T = 0.1$  K).