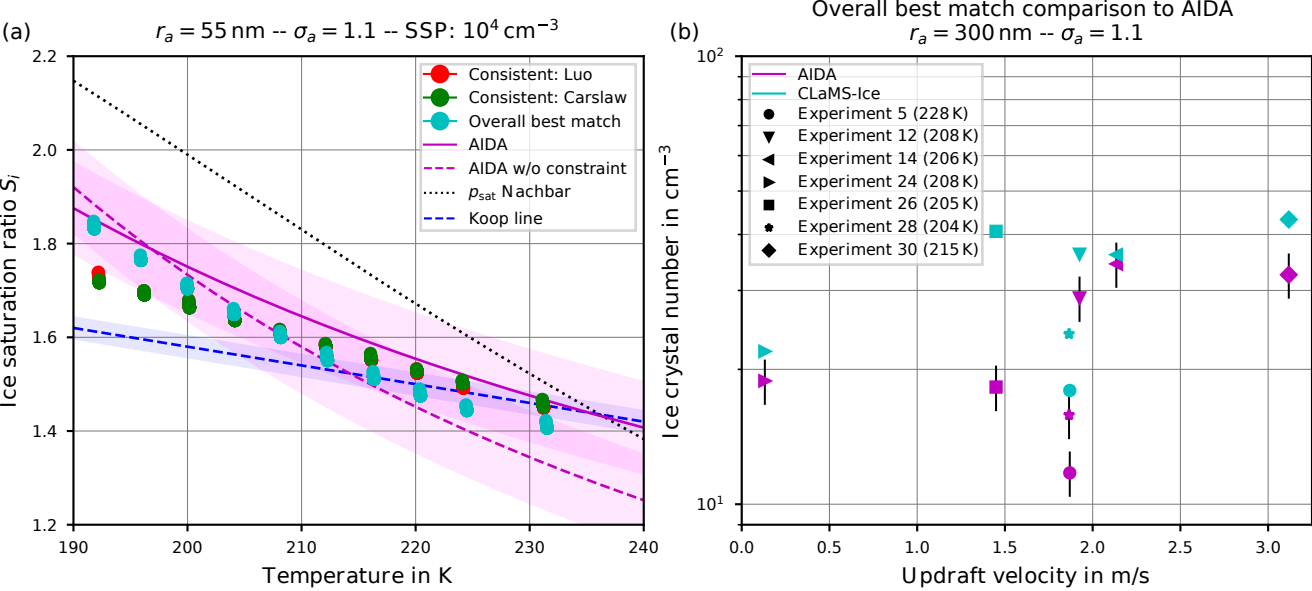
(a)
$r_a = 55\,\mathrm{nm}$ -- $\sigma_a = 1.1$ -- SSP: $10^4\,\mathrm{cm}^{-3}$
Consistent: Luo
Consistent: Carslaw
Overall best match
AIDA
AIDA w/o constraint
p_{sat} Nachbar
Koop line
Ice saturation ratio S_i
Temperature in K
(b)
Overall best match comparison to AIDA
$r_a = 300\,\mathrm{nm}$ -- $\sigma_a = 1.1$
AIDA
CLaMS-Ice
Experiment 5 (228 K)
Experiment 12 (208 K)
Experiment 14 (206 K)
Experiment 24 (208 K)
Experiment 26 (205 K)
Experiment 28 (204 K)
Experiment 30 (215 K)
Ice crystal number in cm^{-3}
Updraft velocity in m/s