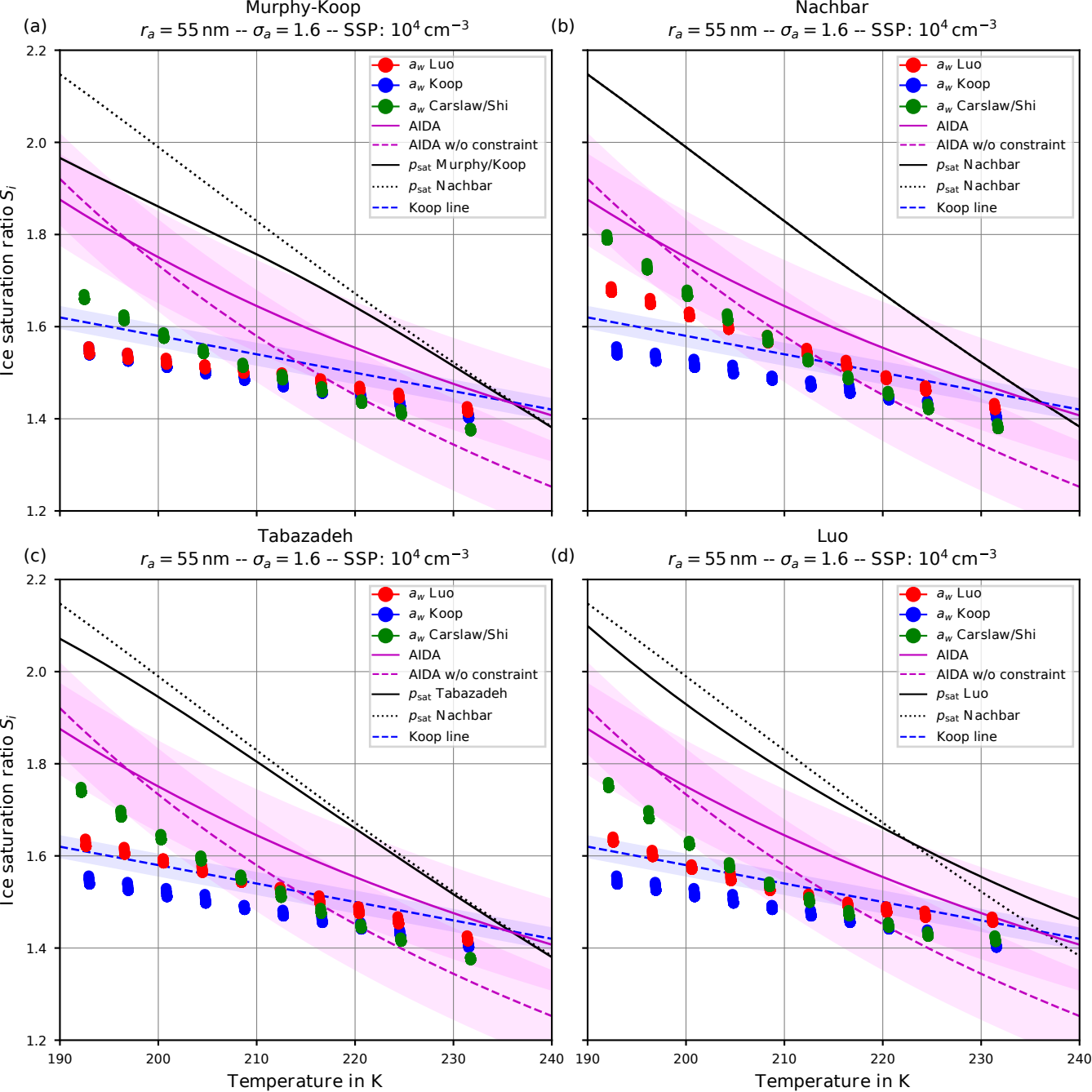
(a)
Murphy-Koop
$r_a = 55$ nm -- $\sigma_a = 1.6$ -- SSP: 10^4 cm^{-3}
(b)
Nachbar
$r_a = 55$ nm -- $\sigma_a = 1.6$ -- SSP: 10^4 cm^{-3}
(c)
Tabazadeh
$r_a = 55$ nm -- $\sigma_a = 1.6$ -- SSP: 10^4 cm^{-3}
(d)
Luo
$r_a = 55$ nm -- $\sigma_a = 1.6$ -- SSP: 10^4 cm^{-3}
a_w Luo
a_w Koop
a_w Carslaw/Shi
AIDA
AIDA w/o constraint
p_{sat} Murphy/Koop
p_{sat} Nachbar
p_{sat} Tabazadeh
p_{sat} Luo
Koop line
Ice saturation ratio S_i
Temperature in K
2.2
2.0
1.8
1.6
1.4
1.2
190
200
210
220
230
240