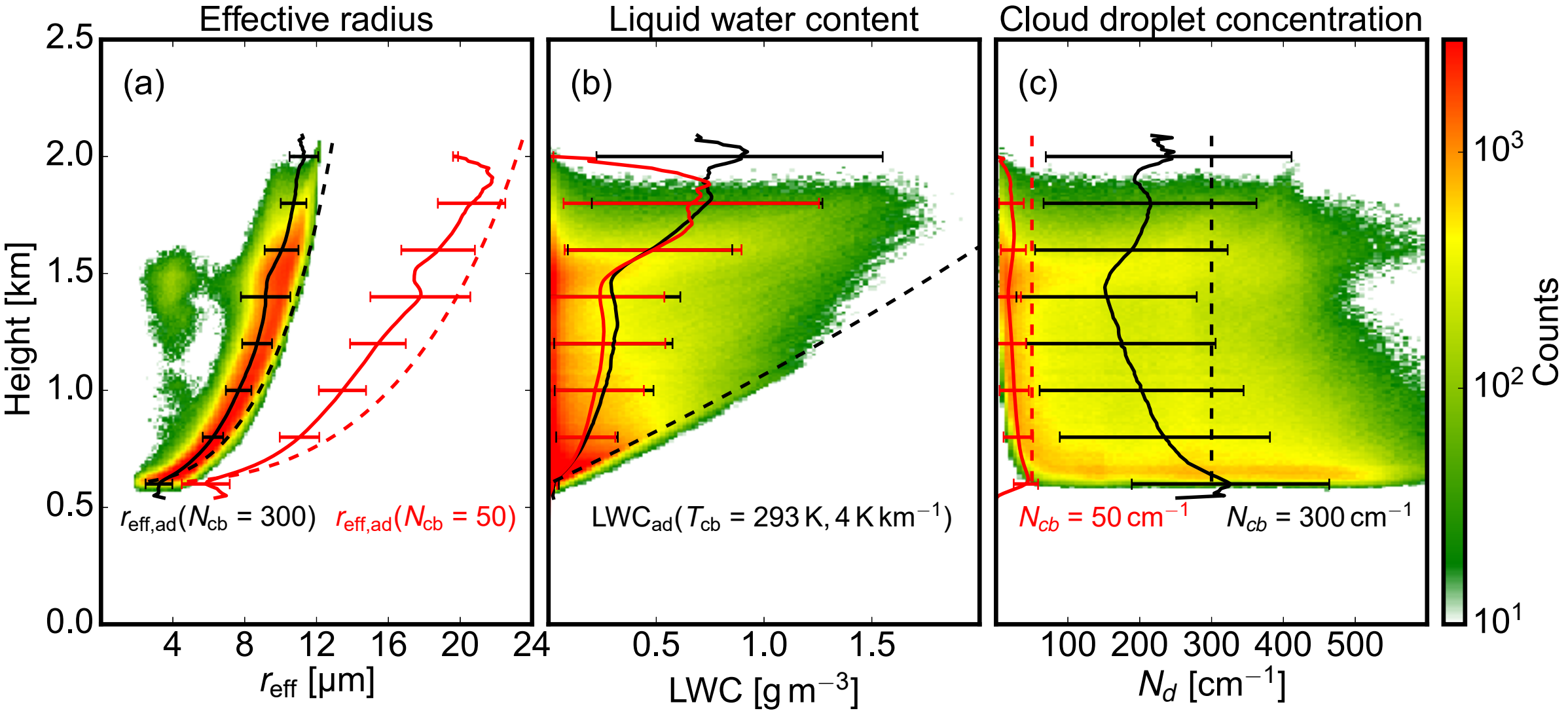
Effective radius
Liquid water content
Cloud droplet concentration
(a)
(b)
(c)
Height [km]
2.5
2.0
1.5
1.0
0.5
0.0
4
8
12
16
20
24
$r_{eff}$ [μm]
$r_{eff,ad}(N_{cb} = 300)$
$r_{eff,ad}(N_{cb} = 50)$
0.5
1.0
1.5
LWC [g m$^{-3}$]
$LWC_{ad}(T_{cb} = 293\,K, 4\,K\,km^{-1})$
100
200
300
400
500
$N_d$ [cm$^{-1}$]
$N_{cb} = 50\,cm^{-1}$
$N_{cb} = 300\,cm^{-1}$
$10^3$
$10^2$
$10^1$
Counts