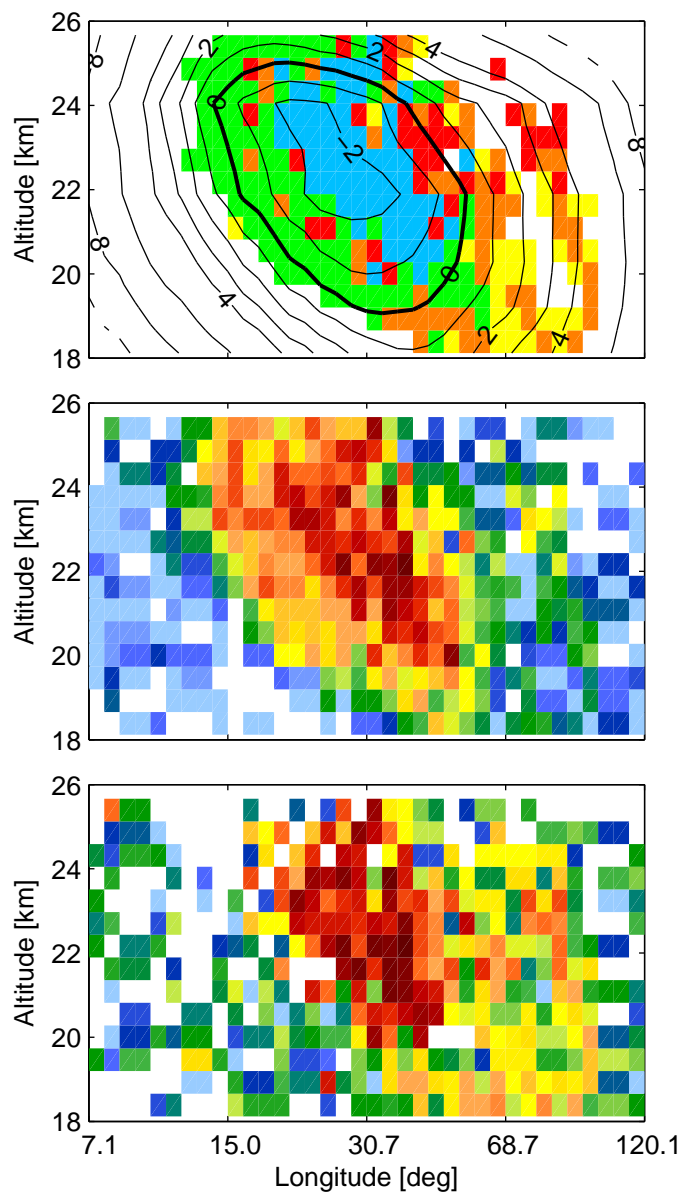
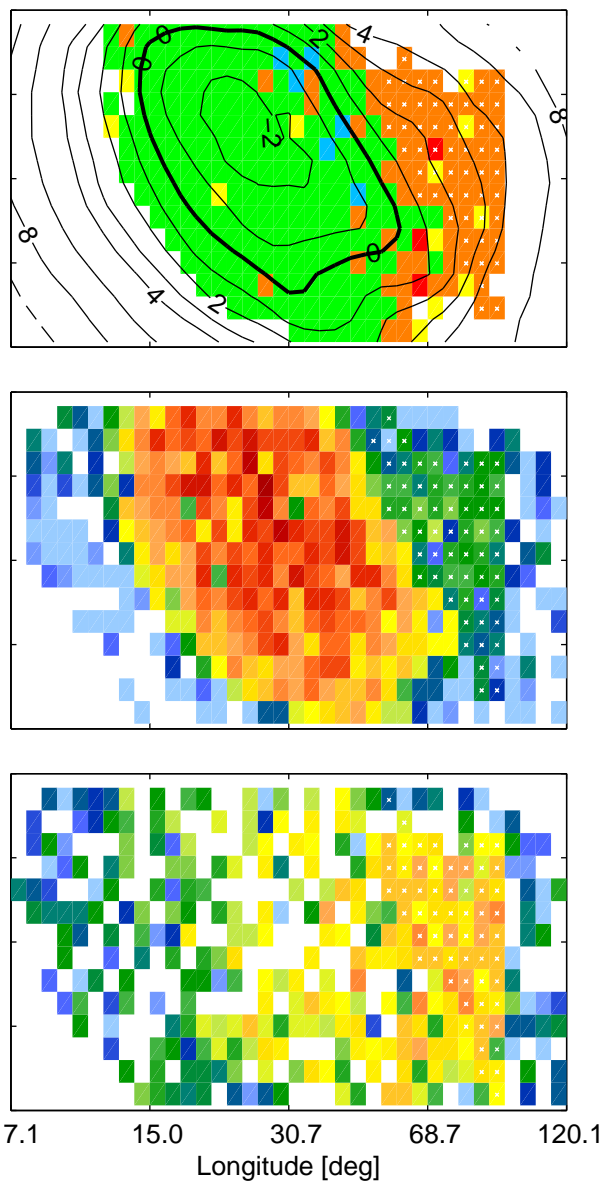


CALIPSO observation

Model result



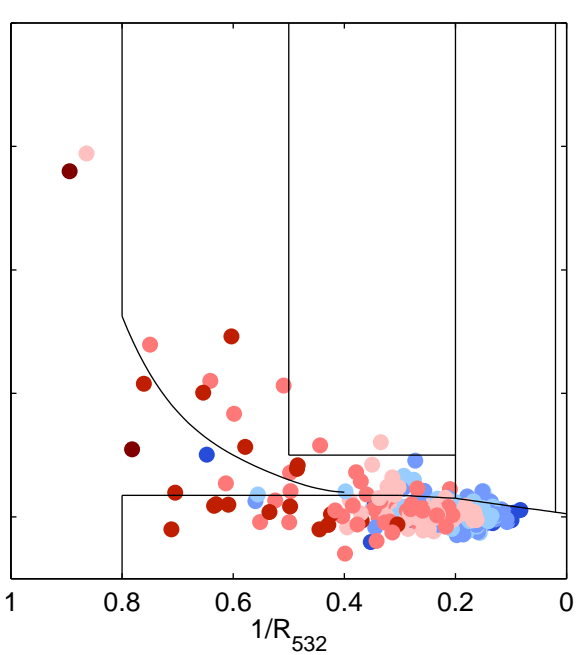
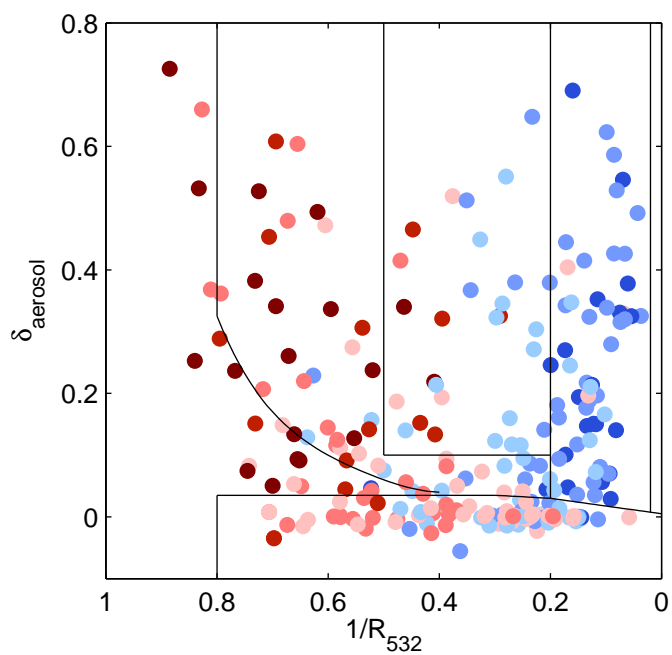
without; homogeneous



Wave
M2e
Ice
M2
M1
STS

50
10
1
0.1
 $R_{532} - 1$

$1e-3$
 $1e-4$
 $1e-5$
 $1e-6$
 $1e-7$
 $\beta_{\text{perp}} [\text{km}^{-1} \text{sr}^{-1}]$



4
2
0
-2
-4
 $T - T_{\text{frost}} [\text{K}]$