(a) Summer

Mean α Profile
Median α Profile

Mixing Ratio (g kg^{-1})

T
θ
θ_e
r

STI
isozero
TI

Height (km)

Extinction coefficient (km^{-1})

Temperature (K)

Wind speed (m s^{-1})

(b) Winter

Mean α Profile
Median α Profile

Mixing Ratio (g kg^{-1})

T
θ
θ_e
r

isozero
STI
TI

Height (km)

Extinction coefficient (km^{-1})

Temperature (K)

Wind speed (m s^{-1})