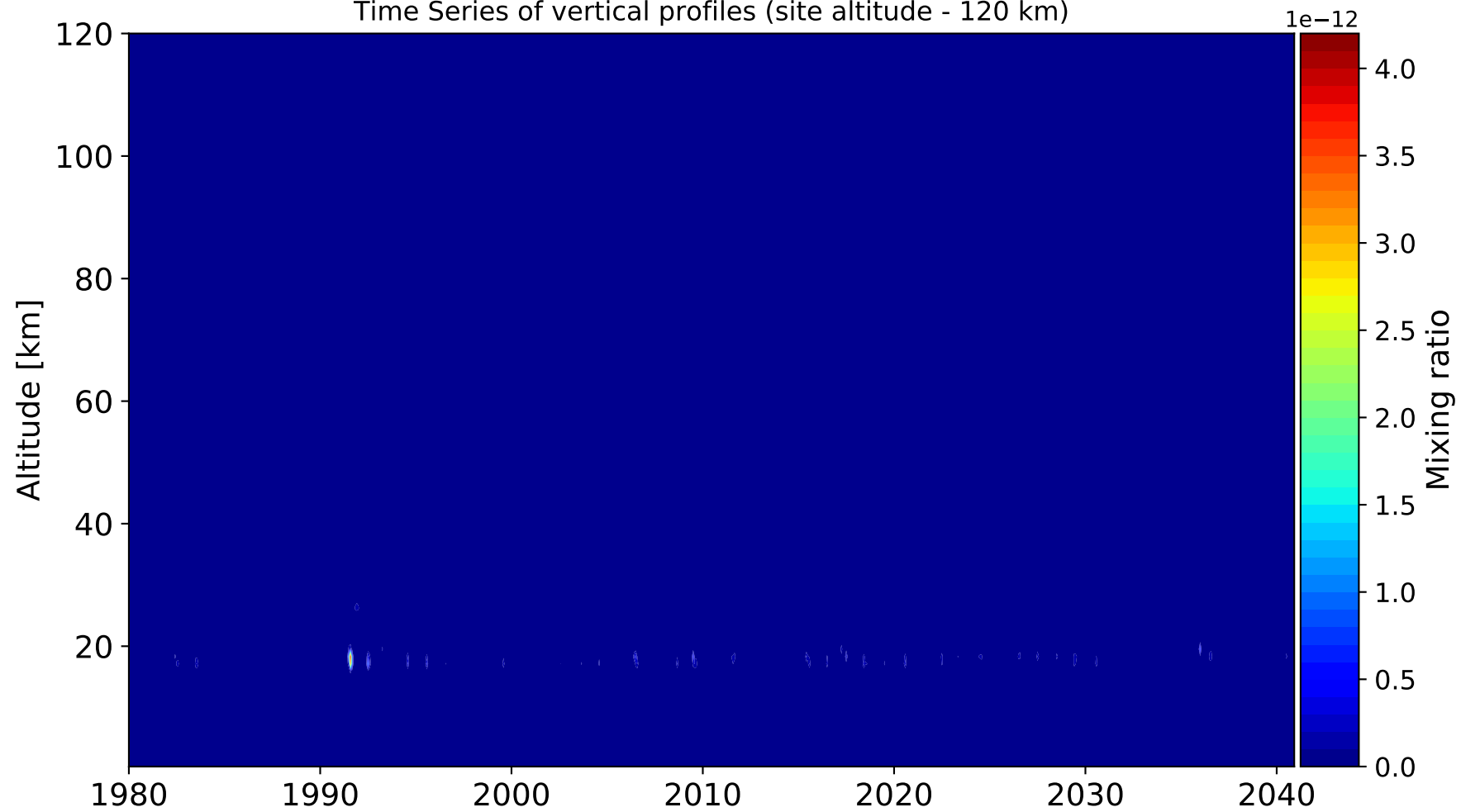
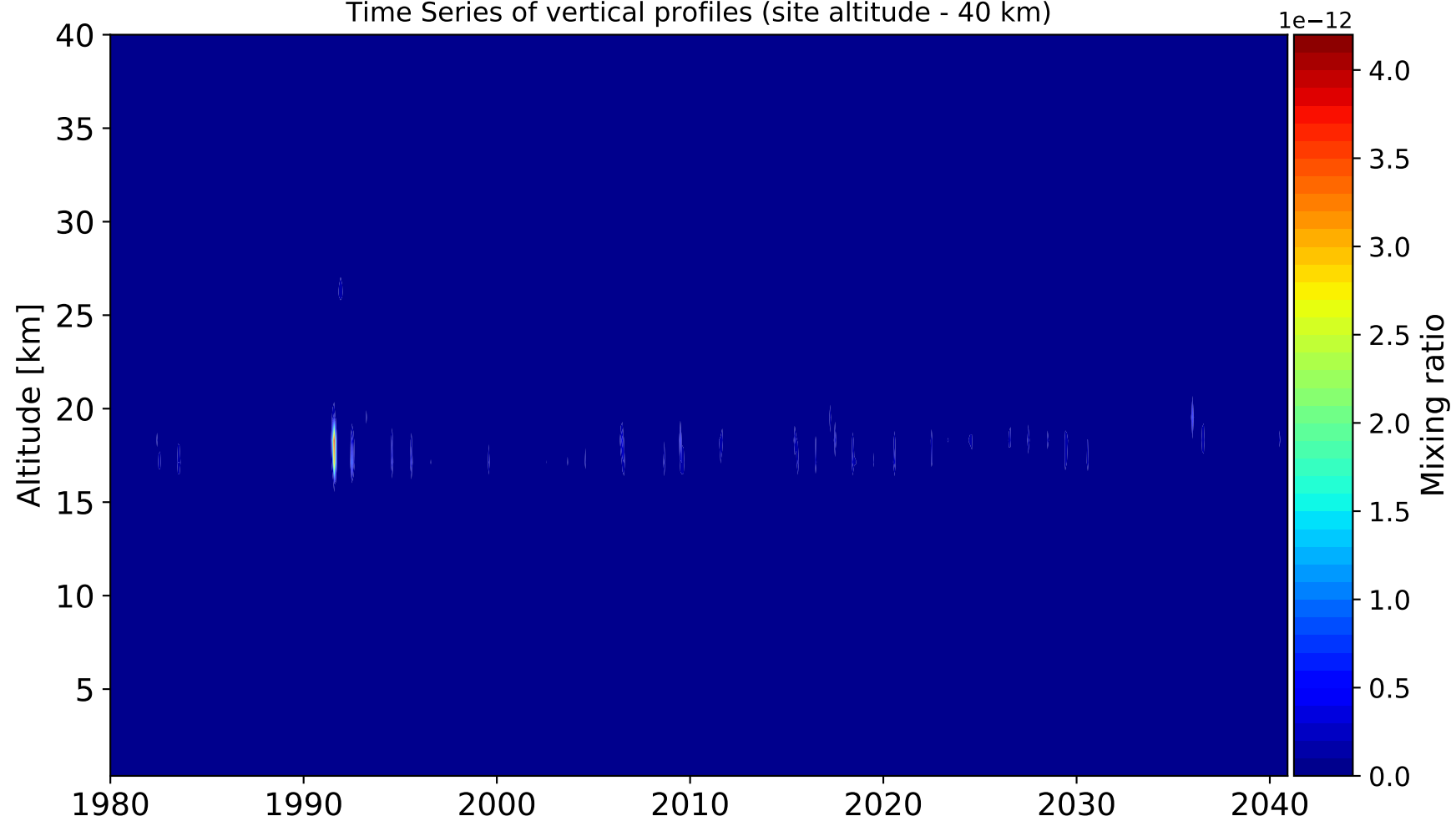


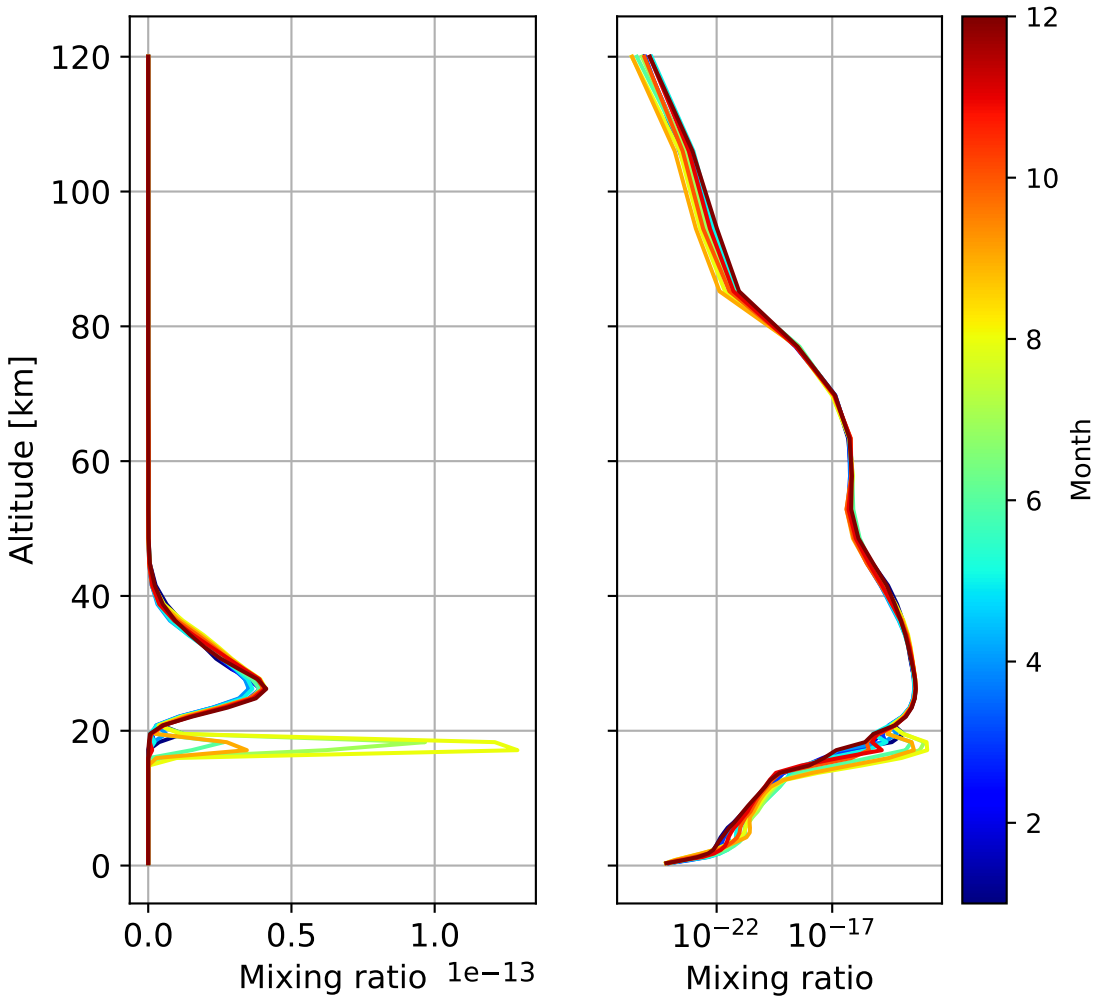
Time Series of vertical profiles (site altitude - 120 km)



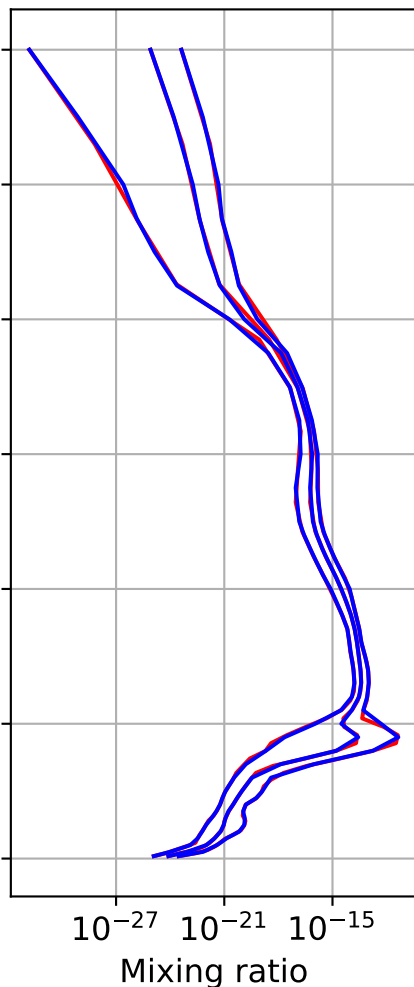
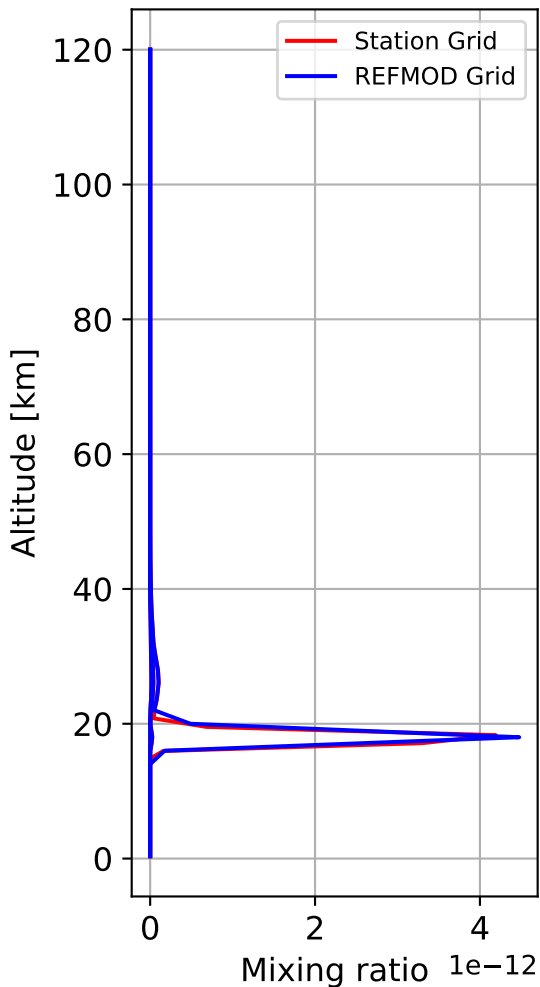
Time Series of vertical profiles (site altitude - 40 km)



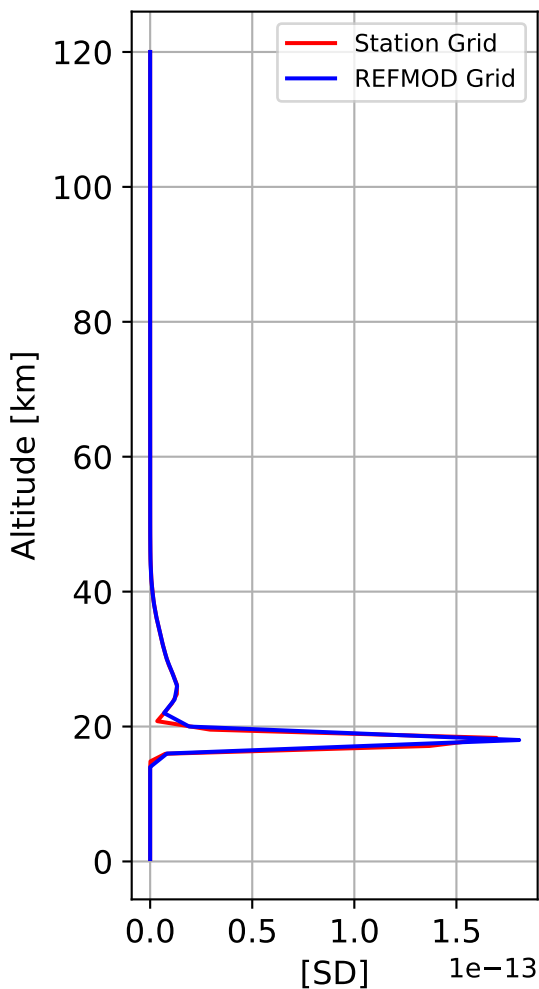
# Monthly mean WACCM profile (interpolated to station grid) Gadanki, 13.45N, 79.18E, 0.36kmasl



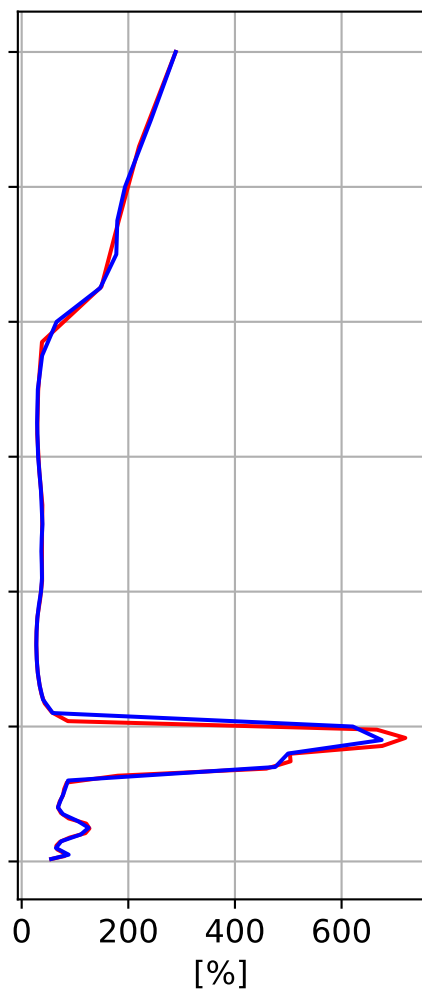
Min, Max, Mean of 732 profiles  
Gadanki, 13.45N, 79.18E, 0.36kmasl



### Std. Deviation



### Percent Deviation

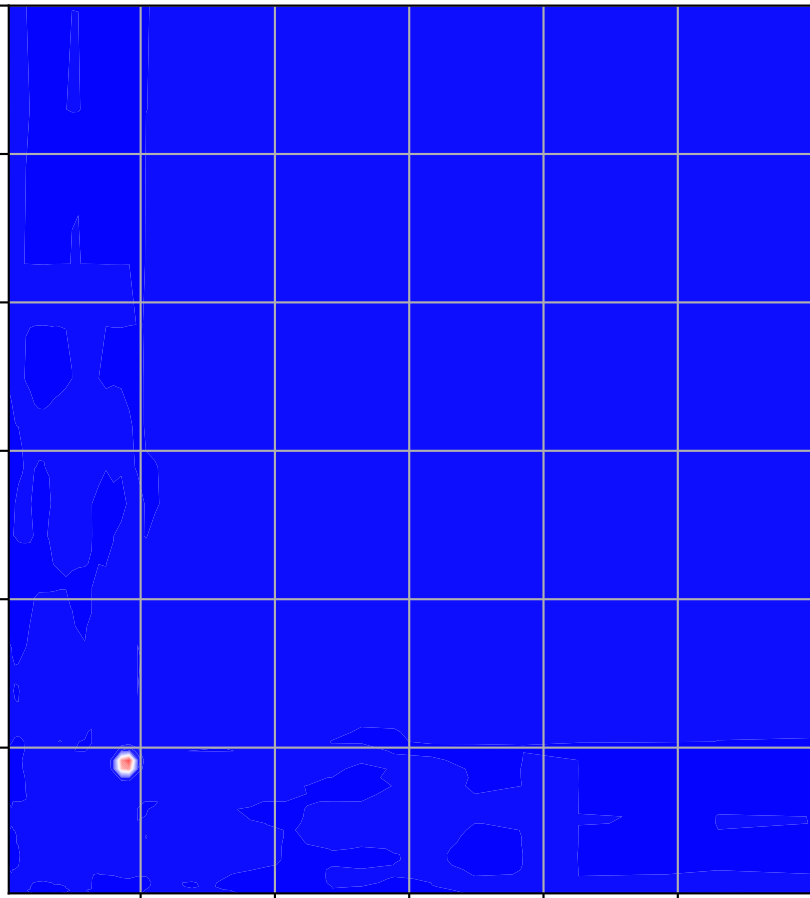


# Level covariance matrix

$1e-26$

Altitude [km]

120  
100  
80  
60  
40  
20



Mixing ratio[ $\sim 2$ ]

Altitude [km]

120  
100  
80  
60  
40  
20