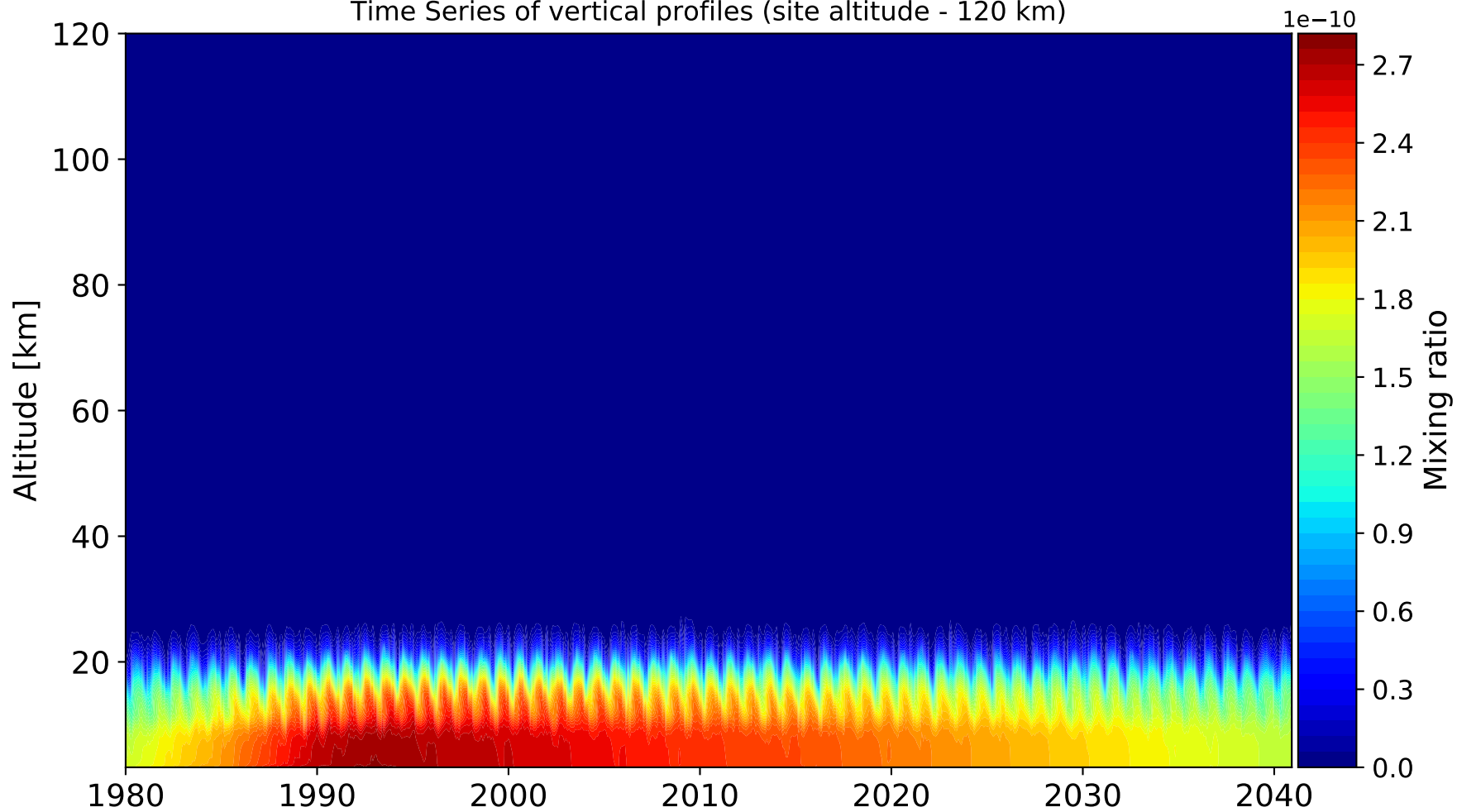
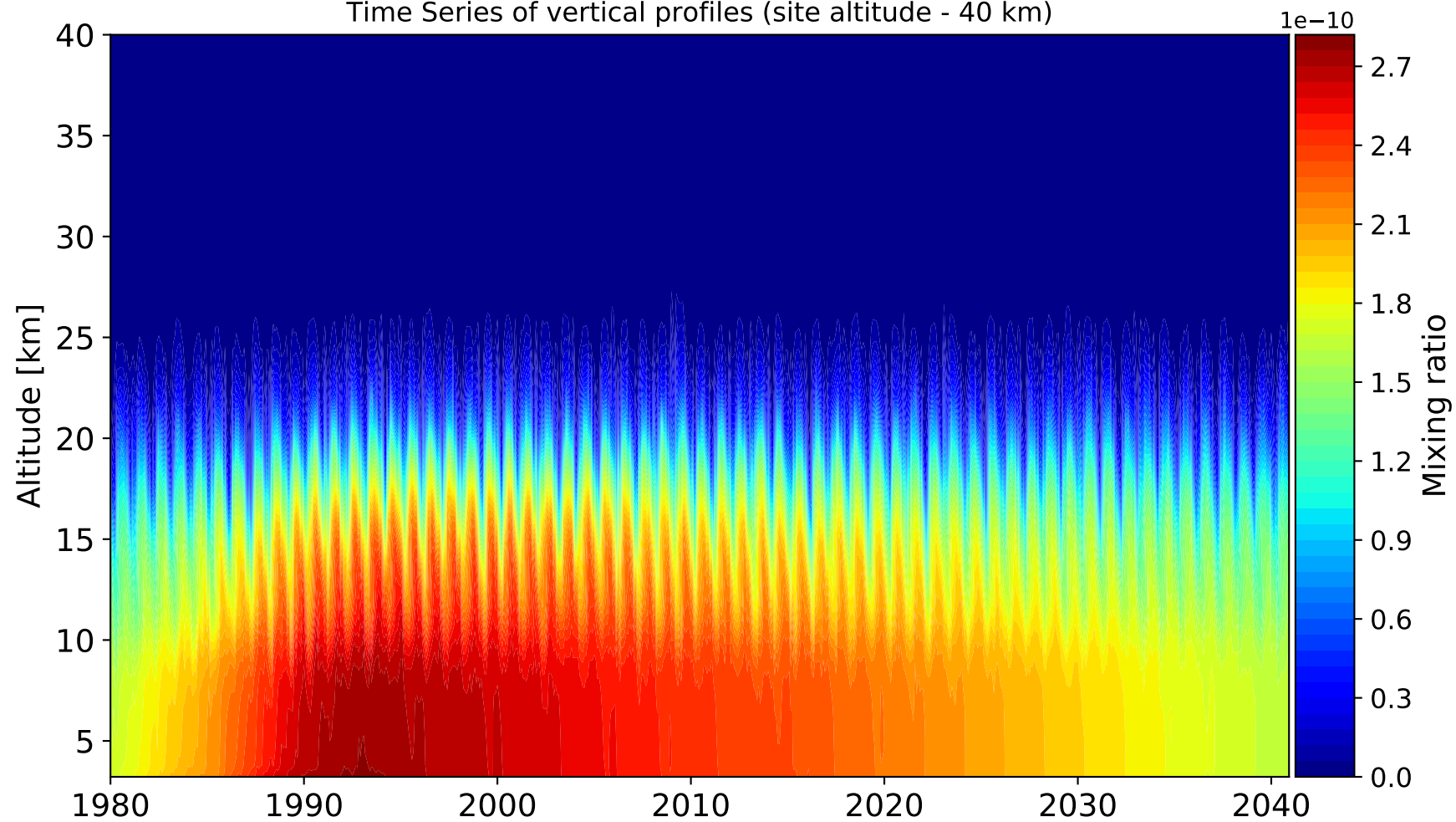


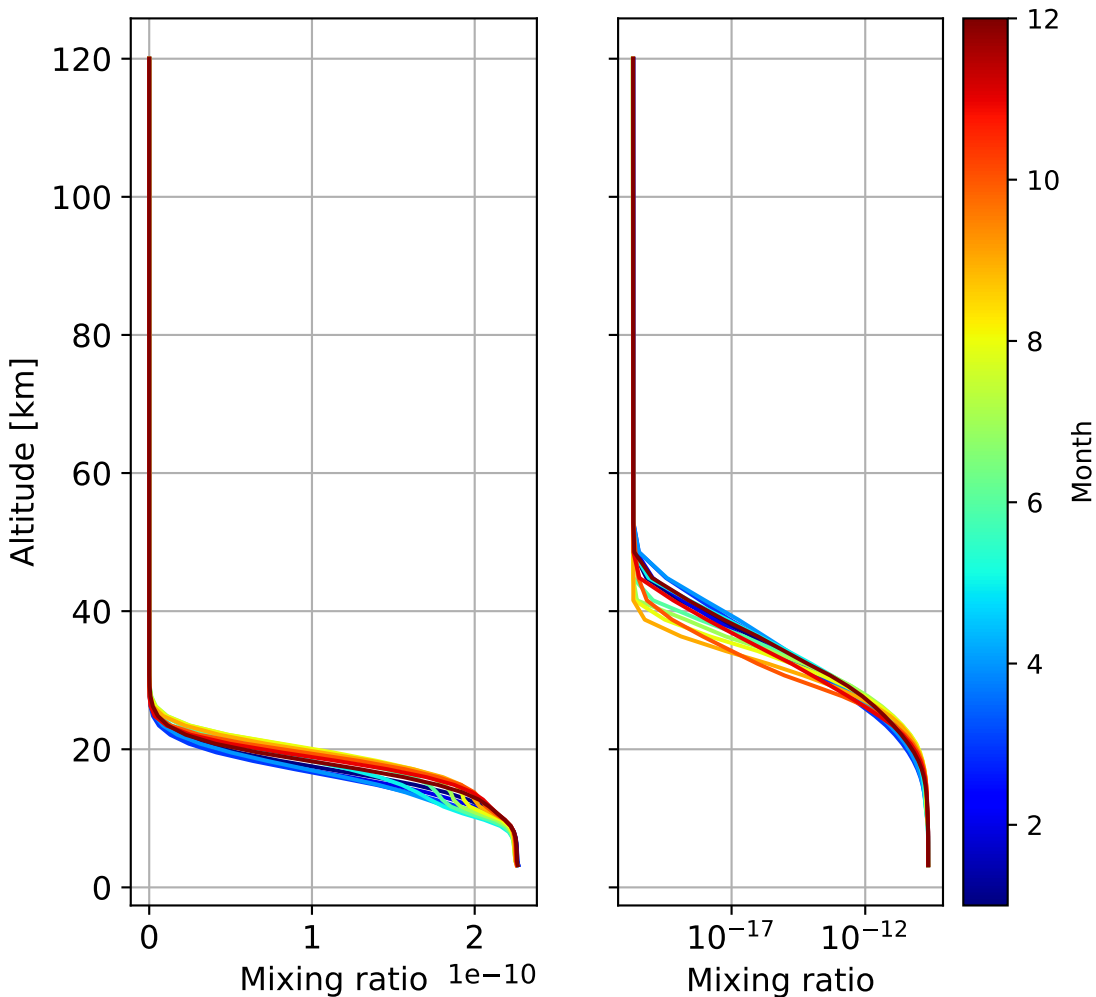
Time Series of vertical profiles (site altitude - 120 km)



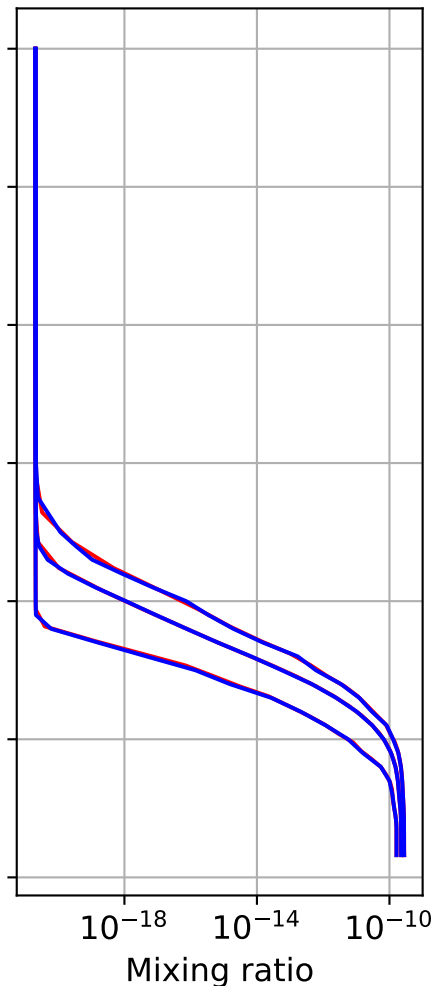
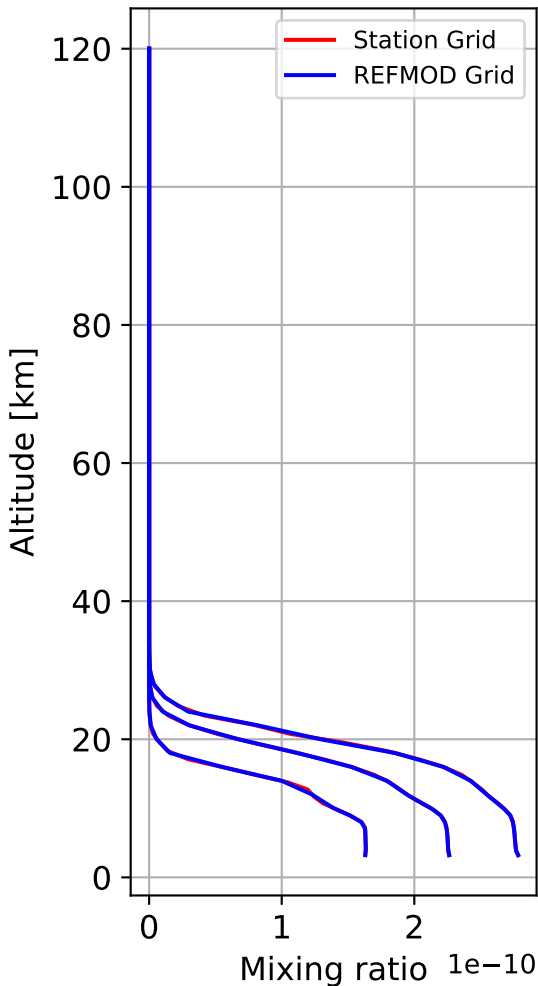
Time Series of vertical profiles (site altitude - 40 km)



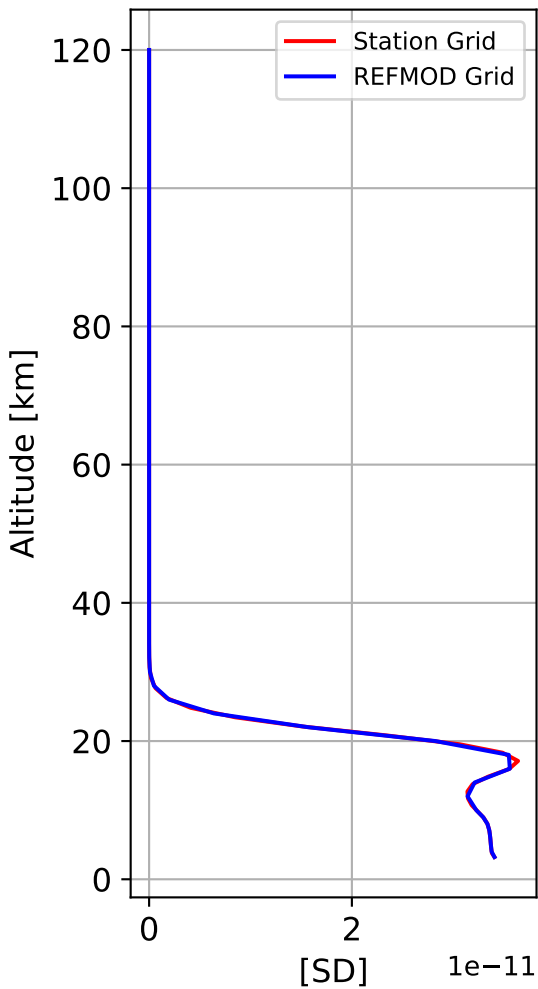
Monthly mean WACCM profile (interpolated to station grid)
Summit, 72.5796N, 321.5408E, 3.22kmasl



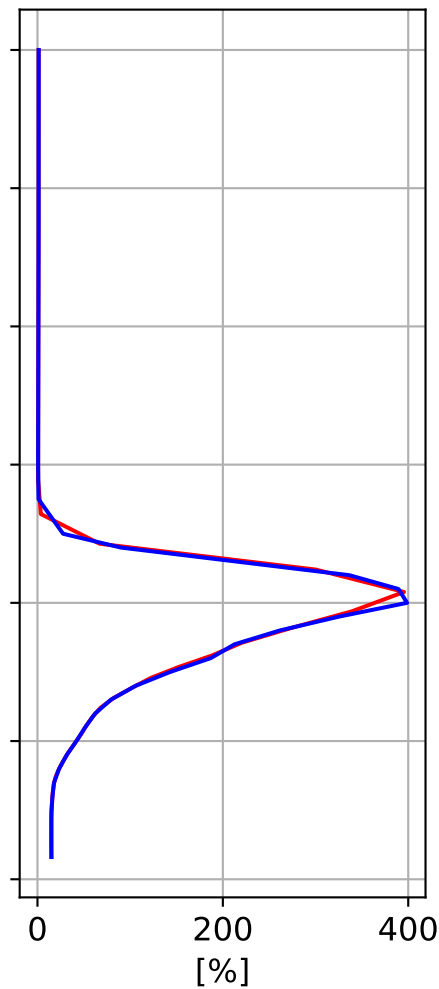
Min, Max, Mean of 732 profiles
Summit, 72.5796N, 321.5408E, 3.22kmasl



Std. Deviation



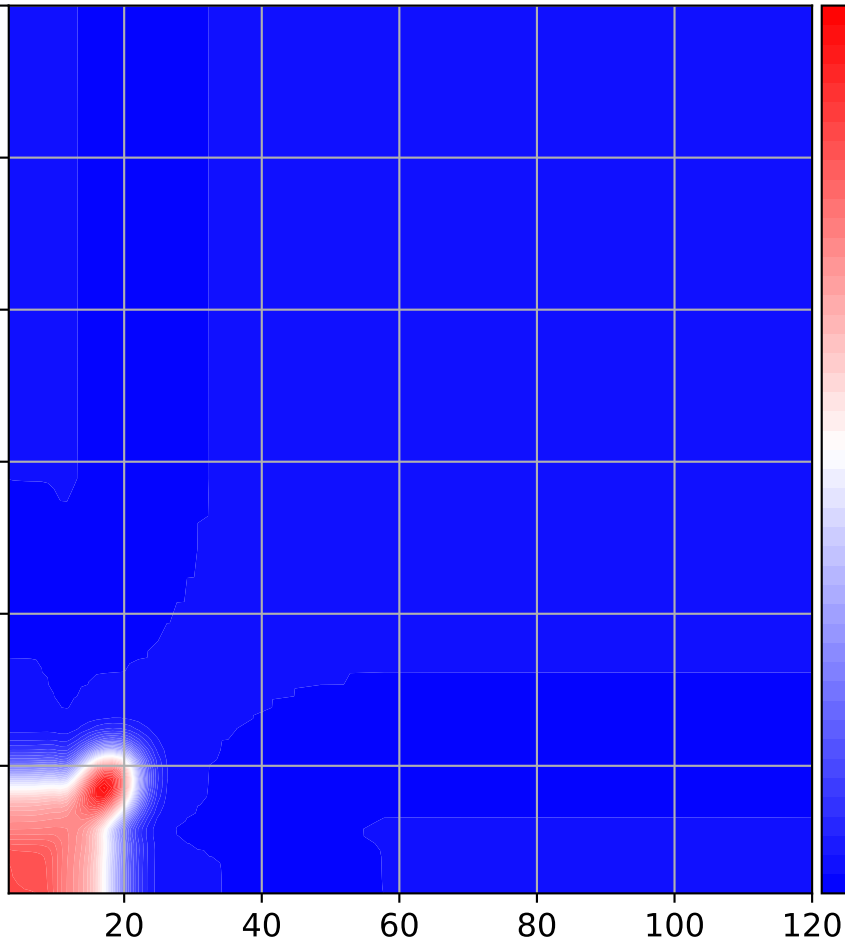
Percent Deviation



Level covariance matrix

 $1e-21$

Altitude [km]

120
100
80
60
40
20

Altitude [km]

Mixing ratio[²]1.35
1.20
1.05
0.90
0.75
0.60
0.45
0.30
0.15
0.00