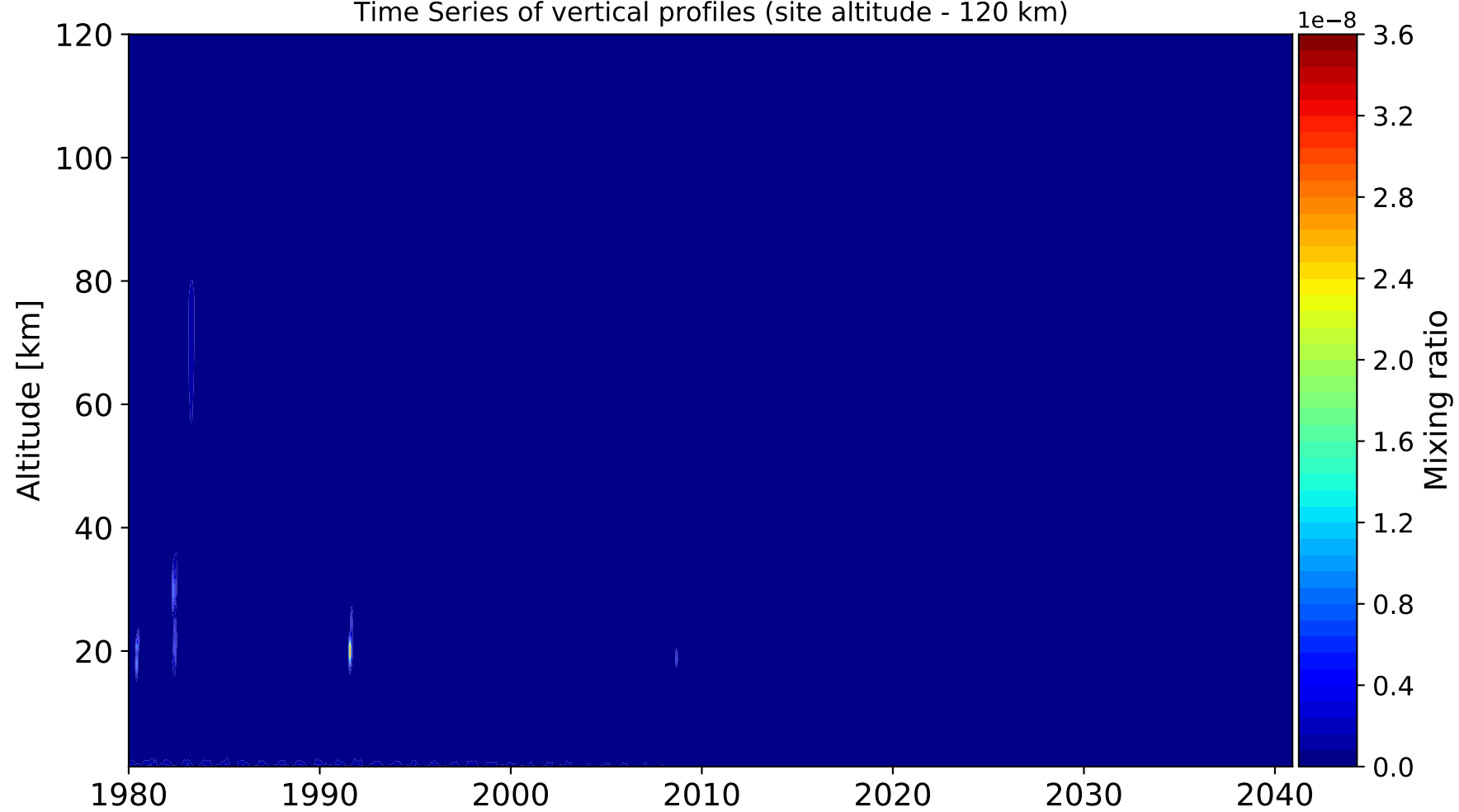
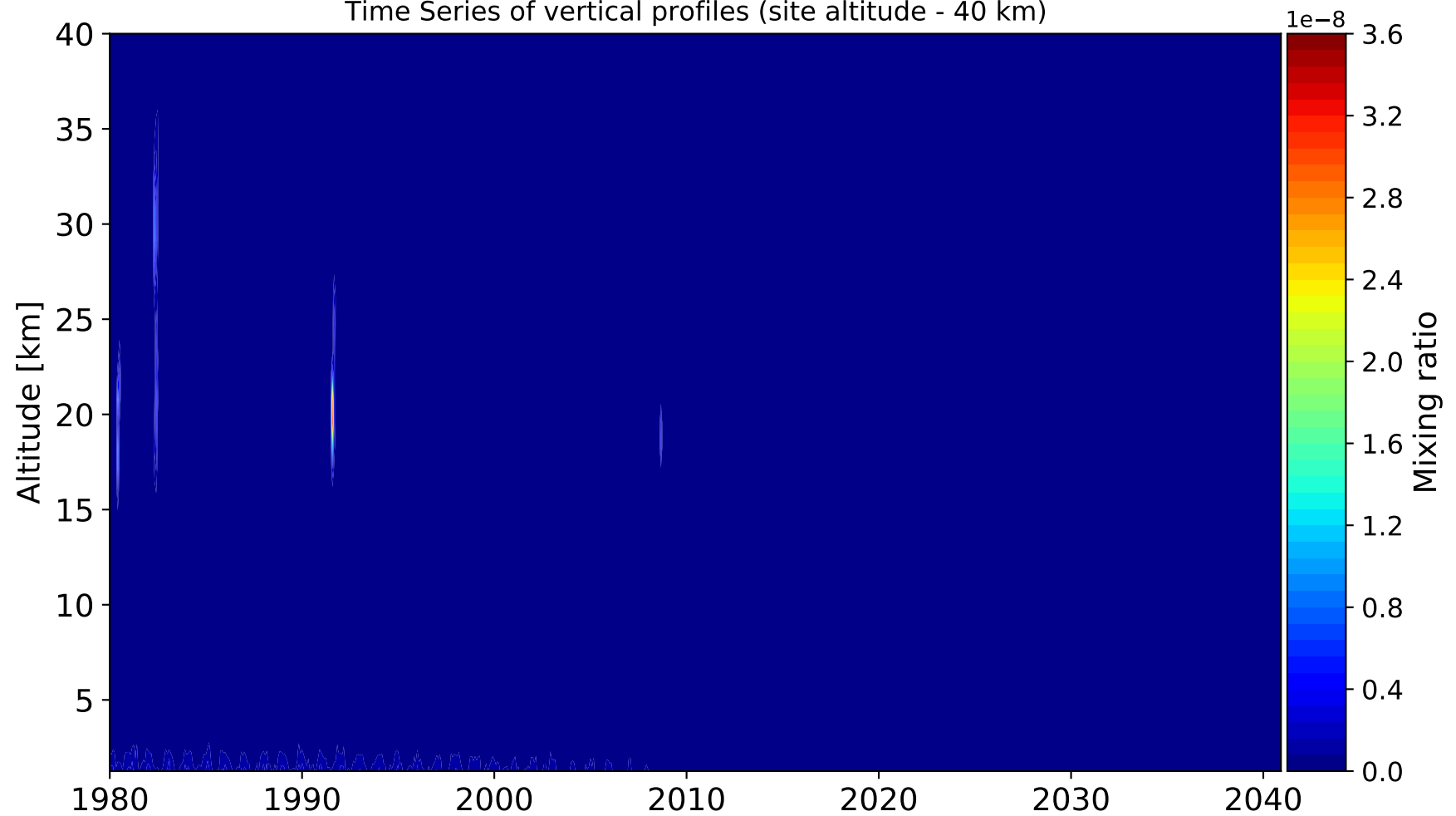


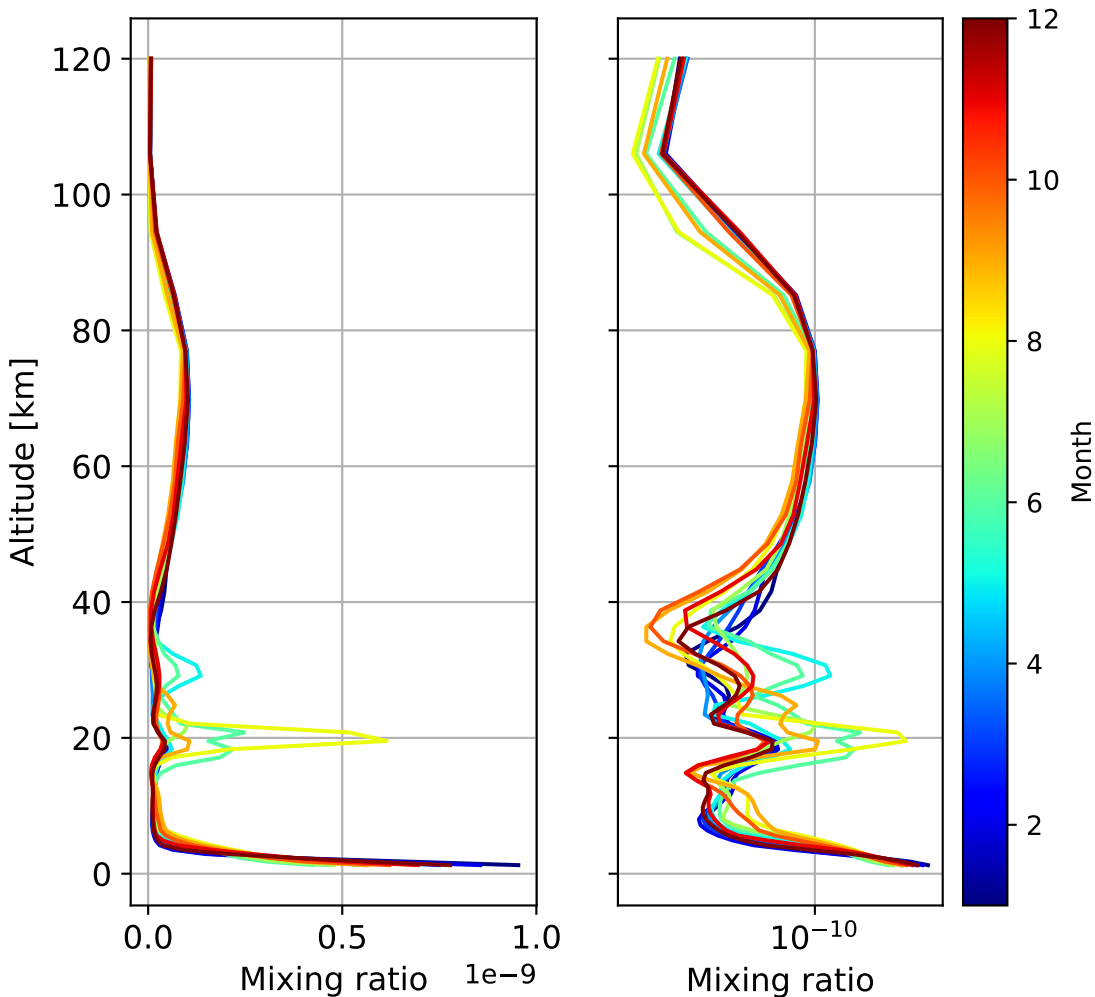
Time Series of vertical profiles (site altitude - 120 km)



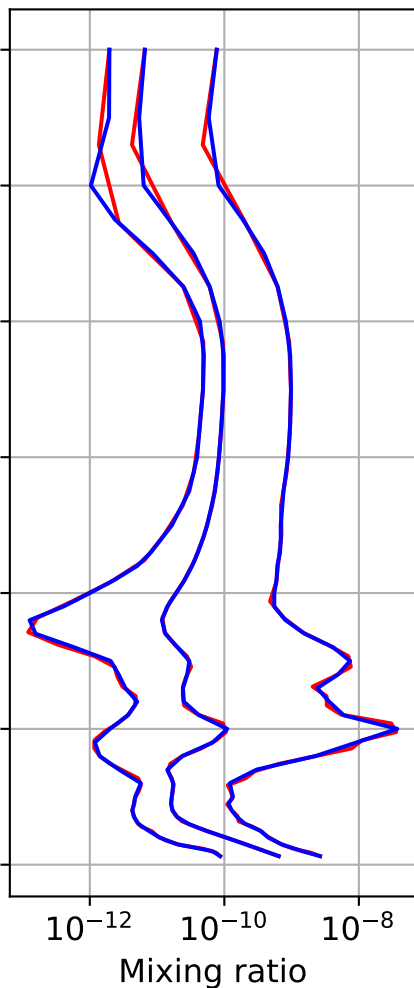
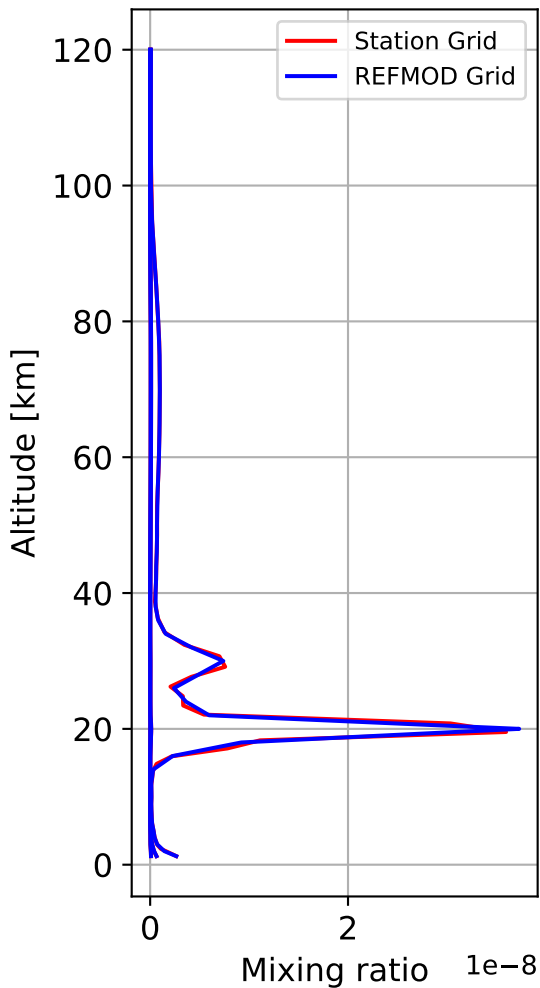
Time Series of vertical profiles (site altitude - 40 km)



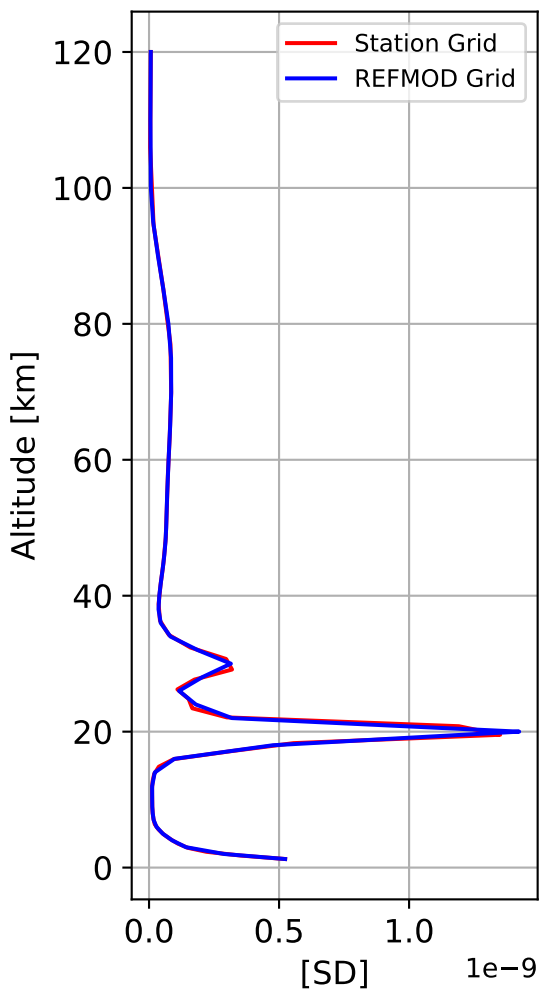
Monthly mean WACCM profile (interpolated to station grid)
FtSumner, 34.48N, 255.78E, 1.26kmasl



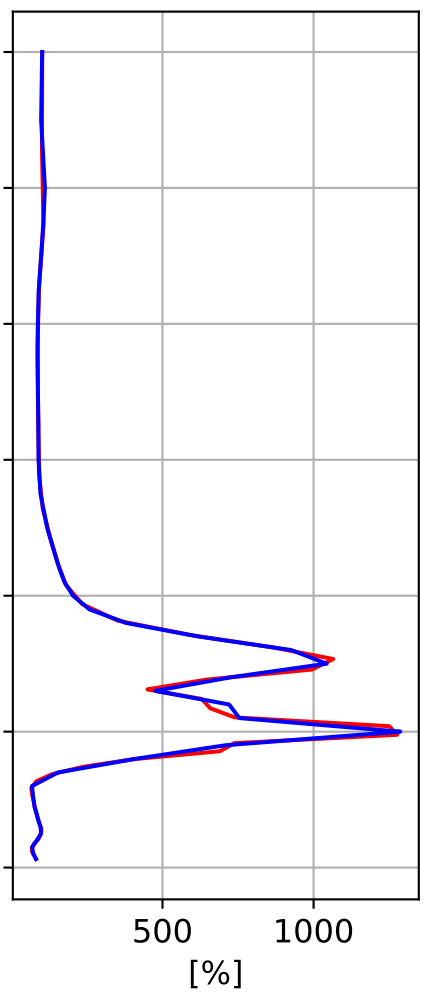
Min, Max, Mean of 732 profiles
FtSumner, 34.48N, 255.78E, 1.26kmasl



Std. Deviation



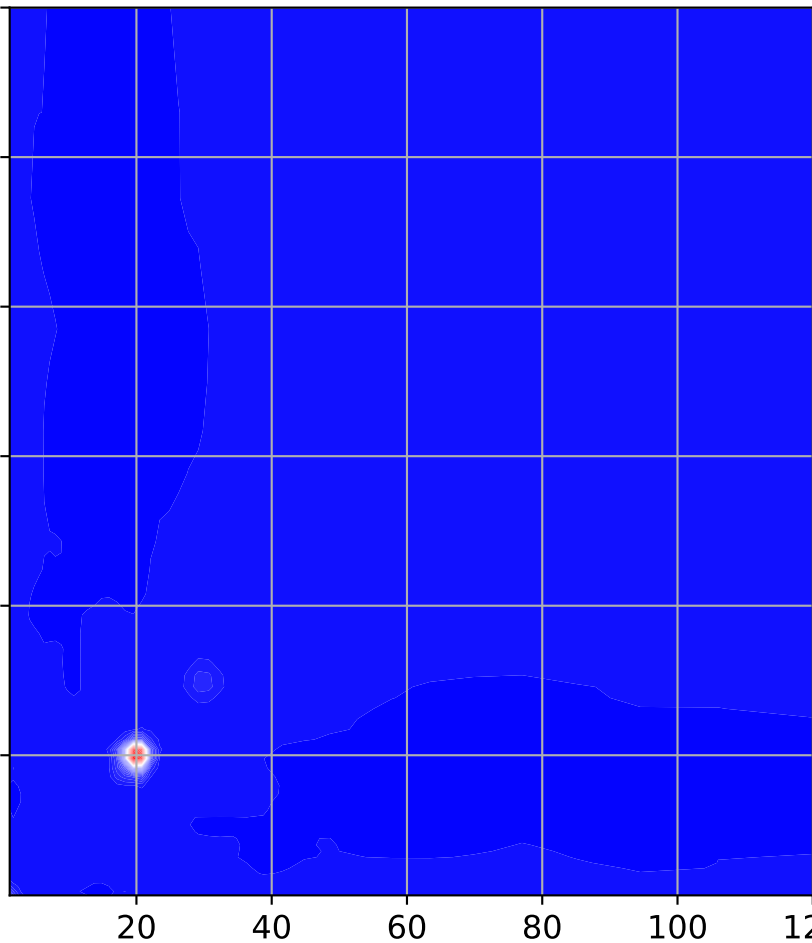
Percent Deviation



Level covariance matrix

 $1e-18$

Altitude [km]

120
100
80
60
40
20

20

Altitude [km]

20

20

20

20

Mixing ratio²1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0