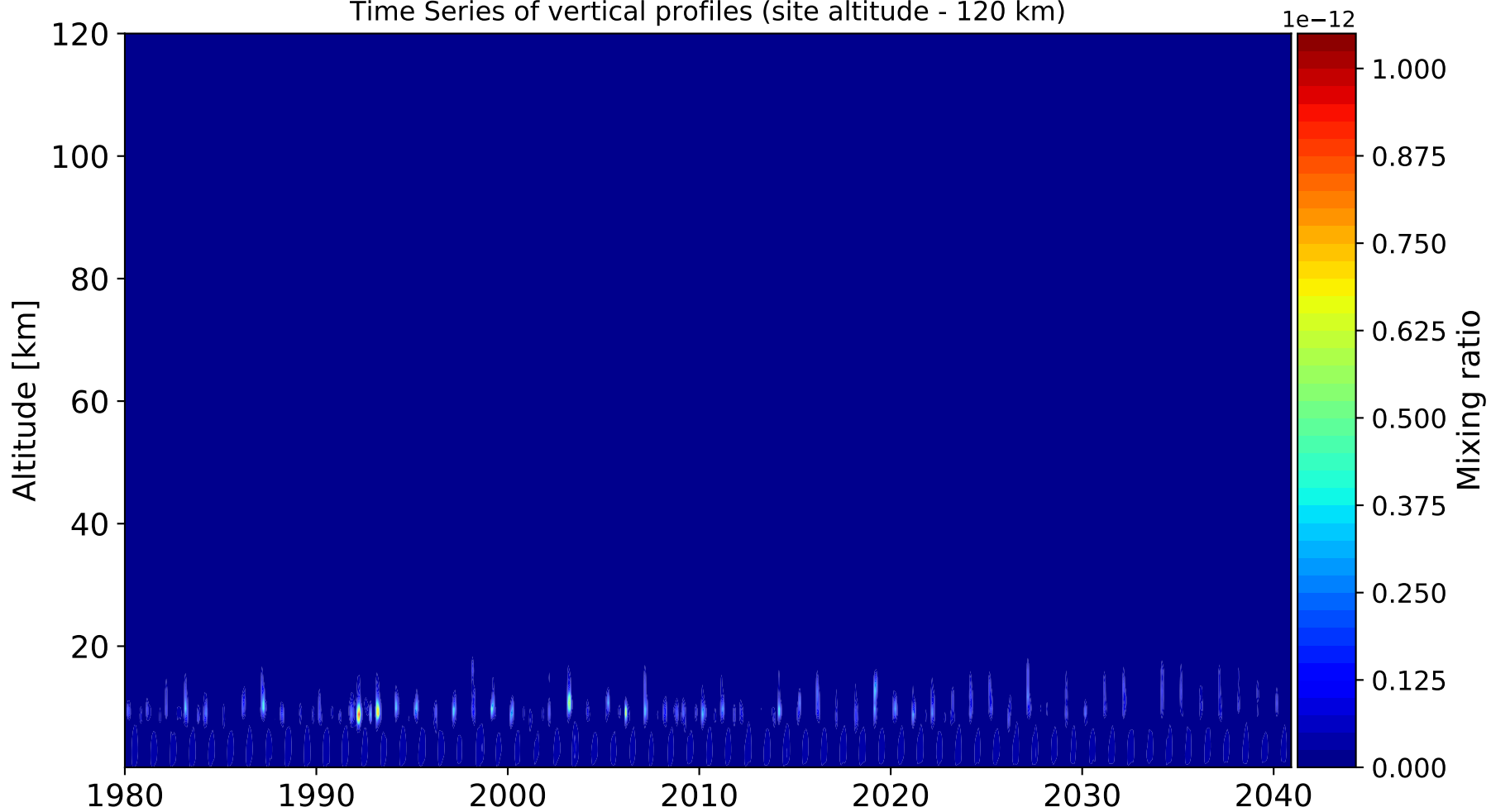
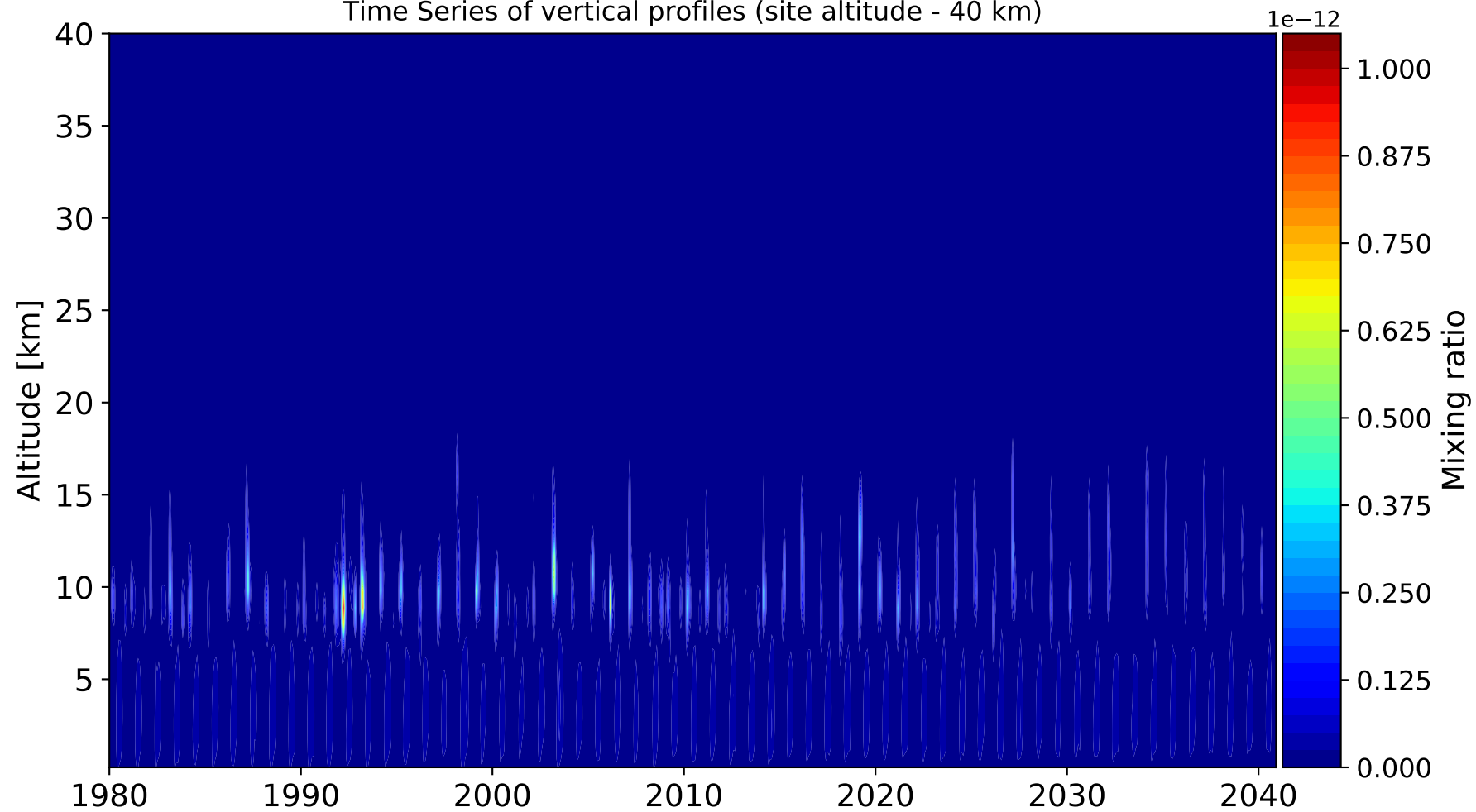


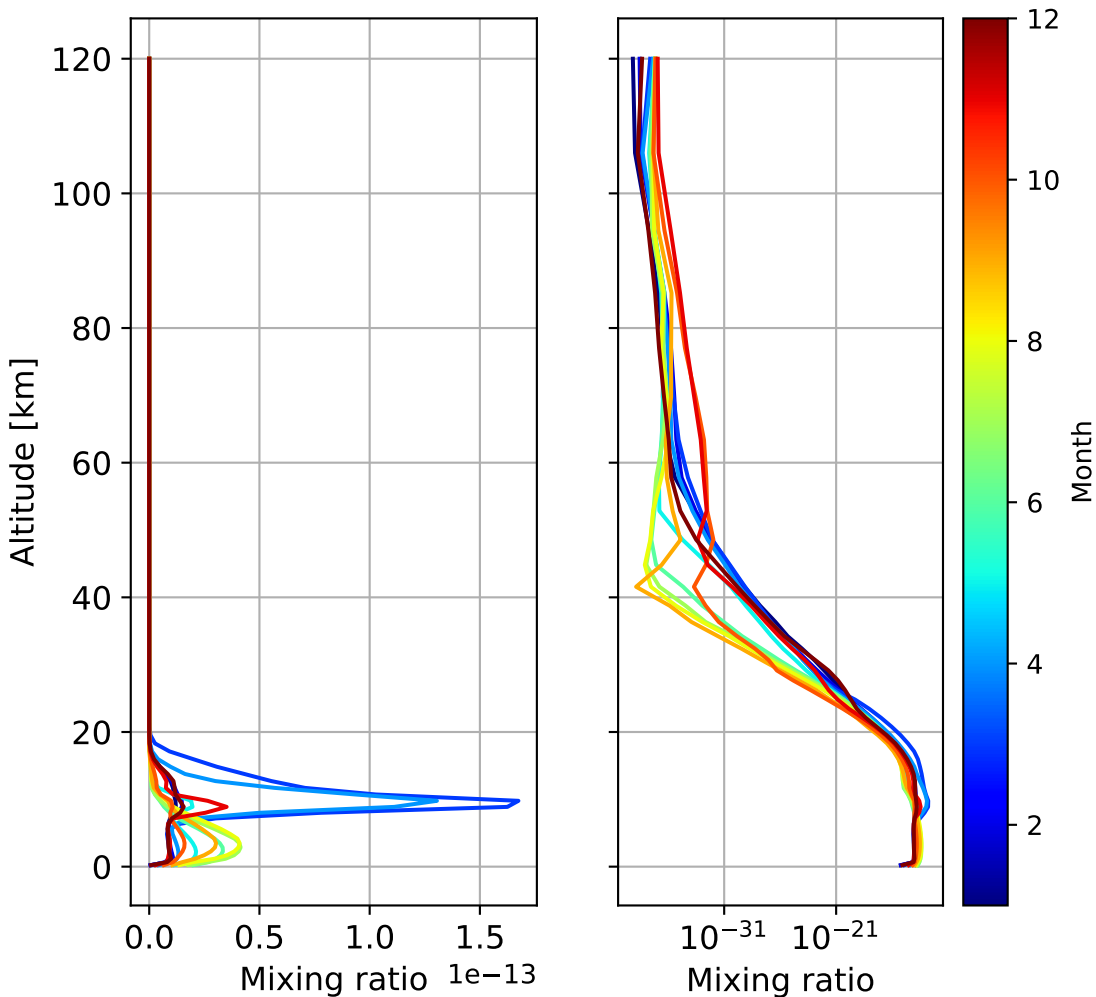
Time Series of vertical profiles (site altitude - 120 km)



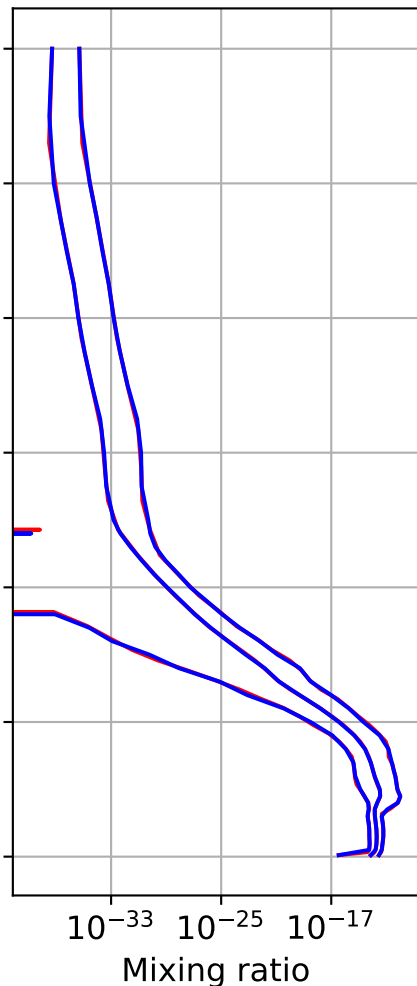
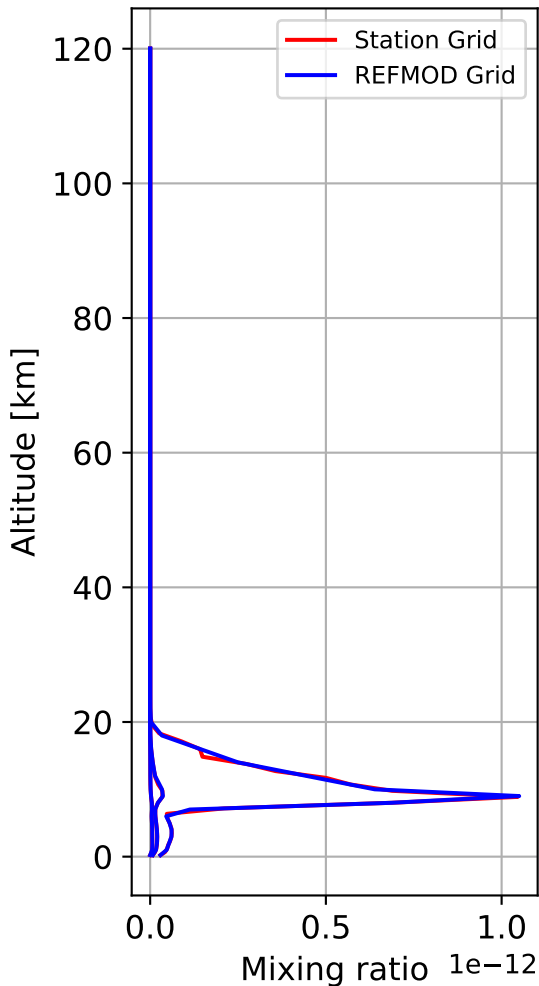
Time Series of vertical profiles (site altitude - 40 km)



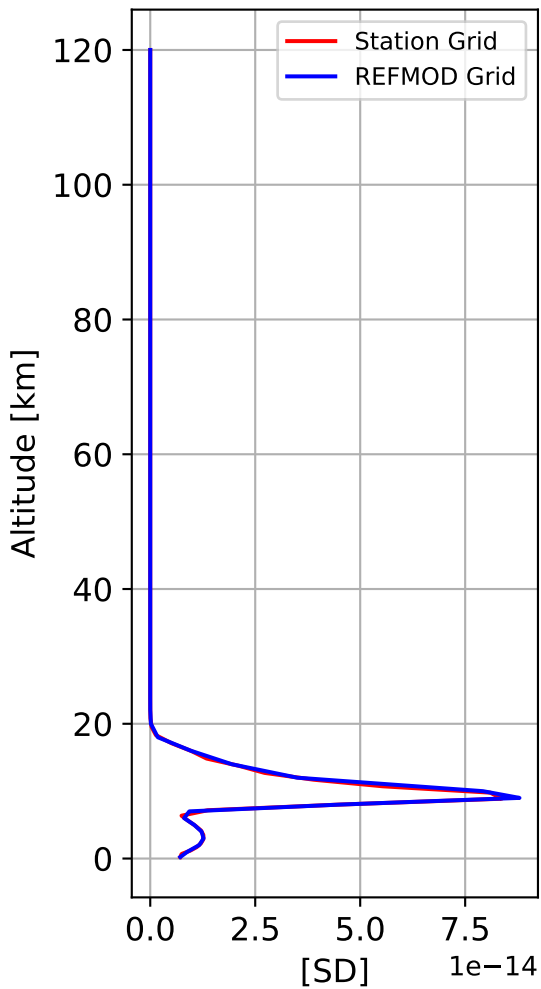
Monthly mean WACCM profile (interpolated to station grid)
Thule, 76.53N, 291.26E, 0.225kmasl



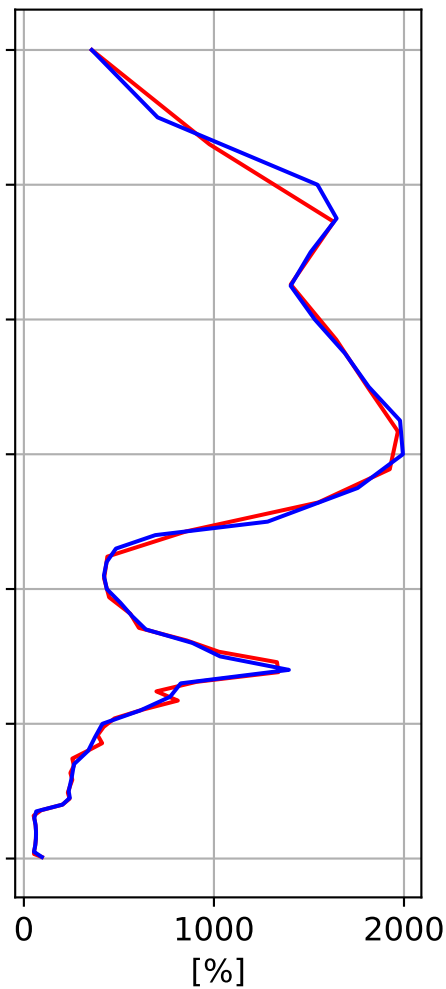
Min, Max, Mean of 732 profiles
Thule, 76.53N, 291.26E, 0.225km/s



Std. Deviation



Percent Deviation

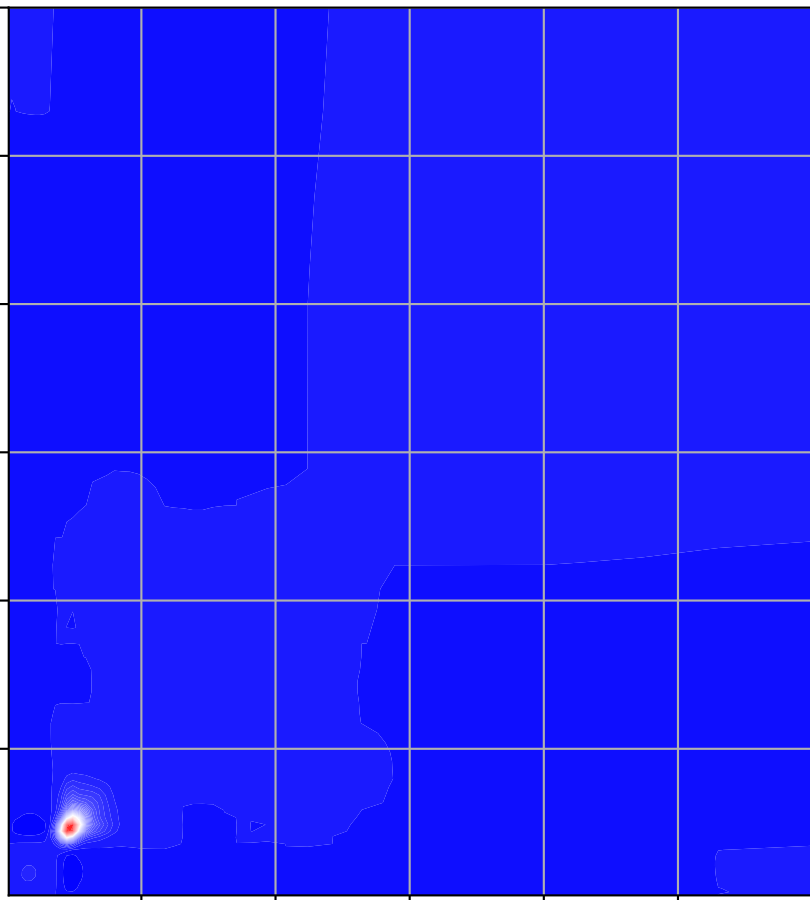


Level covariance matrix

1e-27

Altitude [km]

120
100
80
60
40
20



Mixing ratio[~ 2]

6.75
6.00
5.25
4.50
3.75
3.00
2.25
1.50
0.75
0.00

Altitude [km]