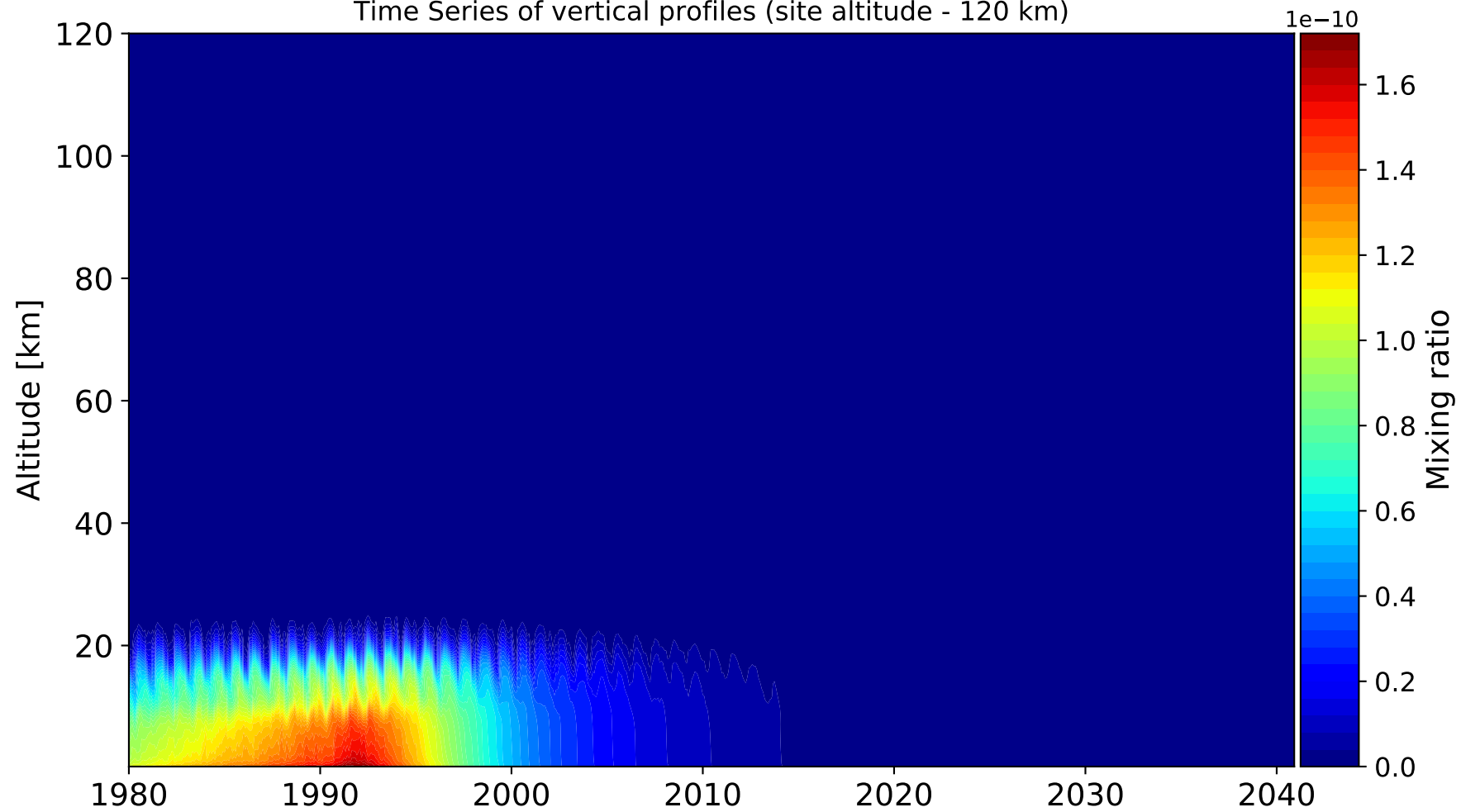
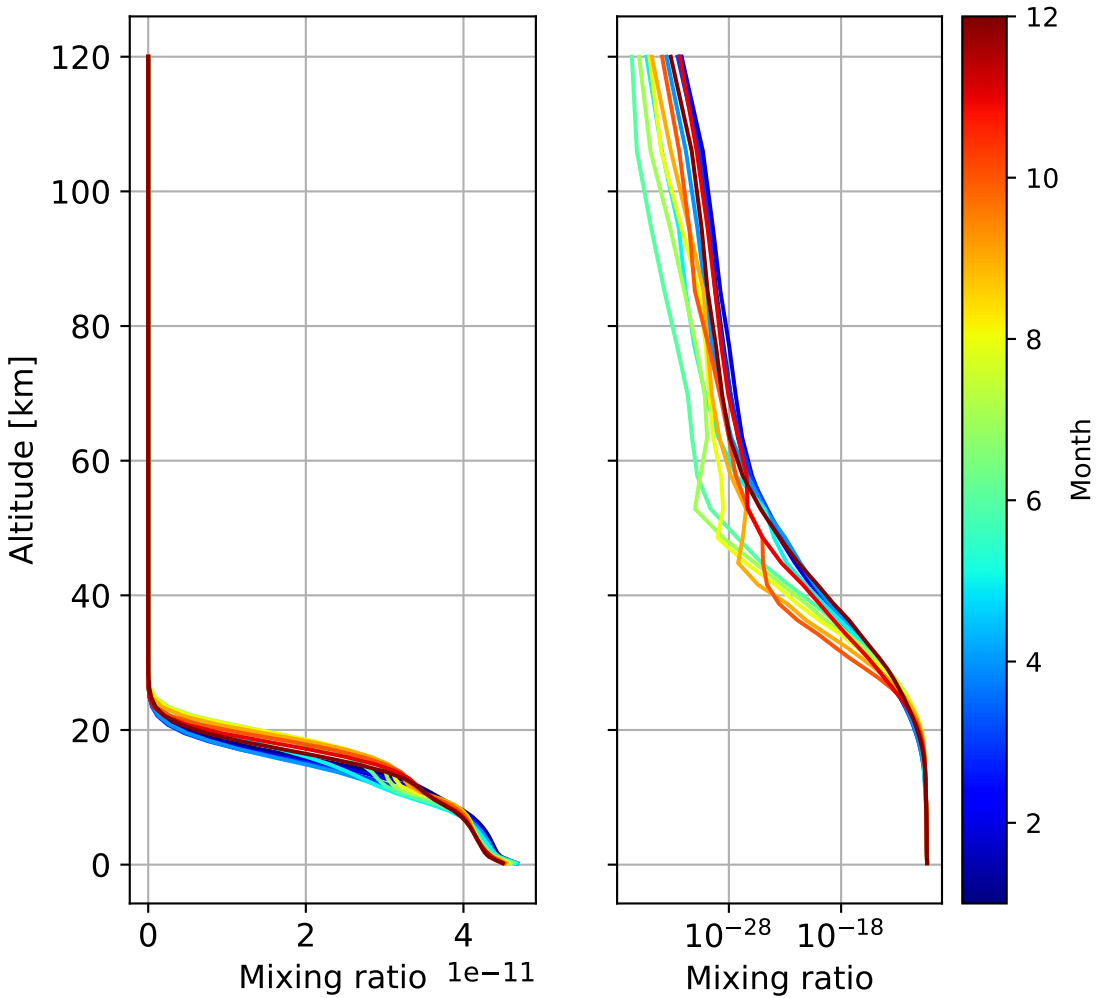


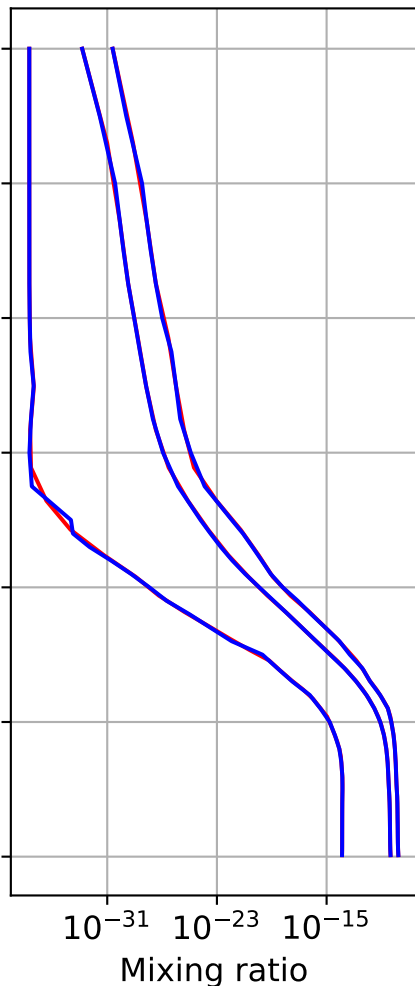
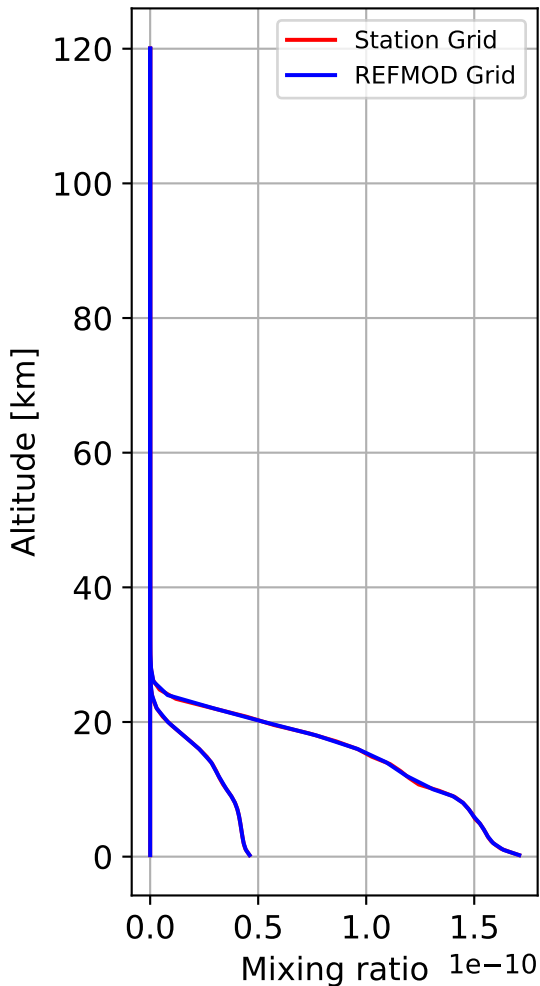
Time Series of vertical profiles (site altitude - 120 km)



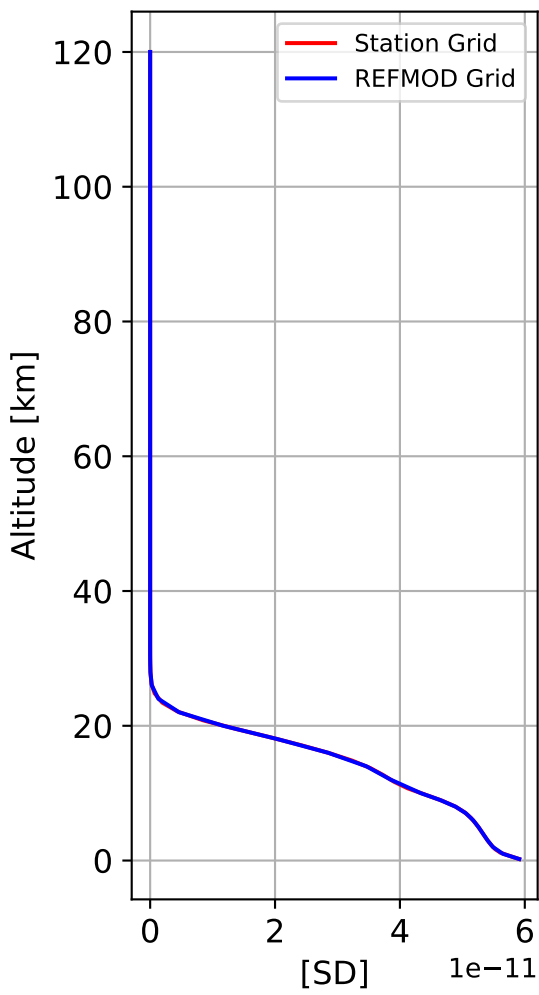
Monthly mean WACCM profile (interpolated to station grid) Thule, 76.53N, 291.26E, 0.225kmasl



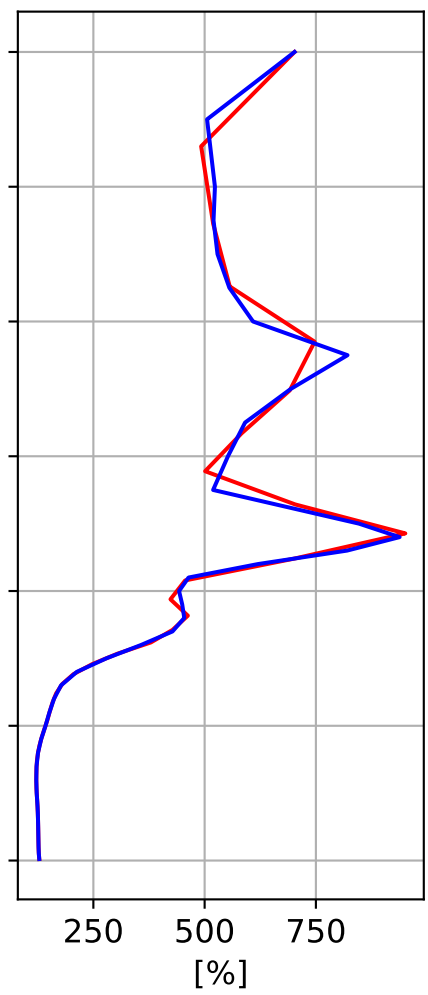
Min, Max, Mean of 732 profiles
Thule, 76.53N, 291.26E, 0.225km/s



Std. Deviation



Percent Deviation



Level covariance matrix

1e-21

Altitude [km]

120
100
80
60
40
20

Altitude [km]

20 40 60 80 100 120

Mixing ratio[²]

3.2
2.8
2.4
2.0
1.6
1.2
0.8
0.4
0.0

