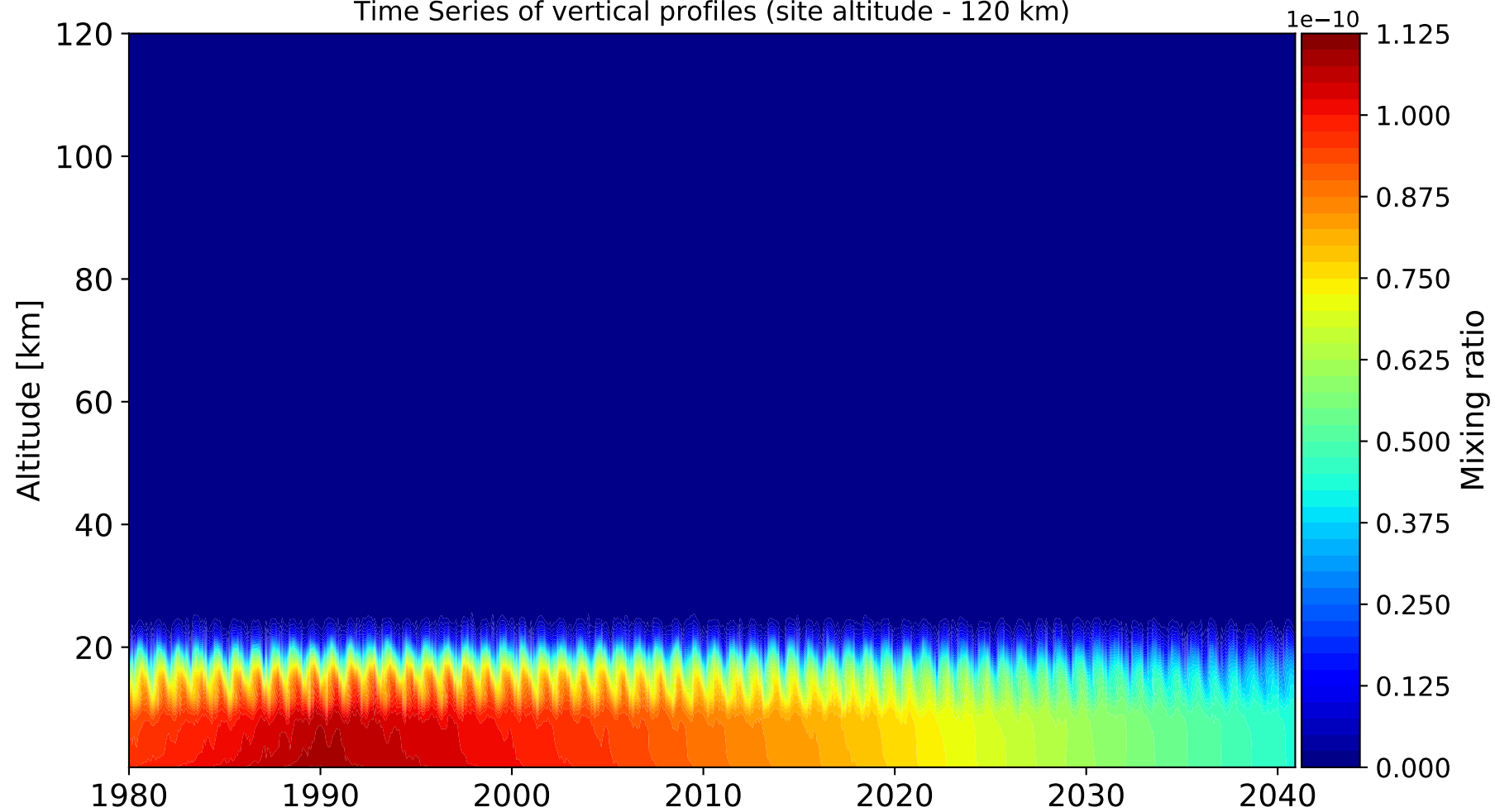
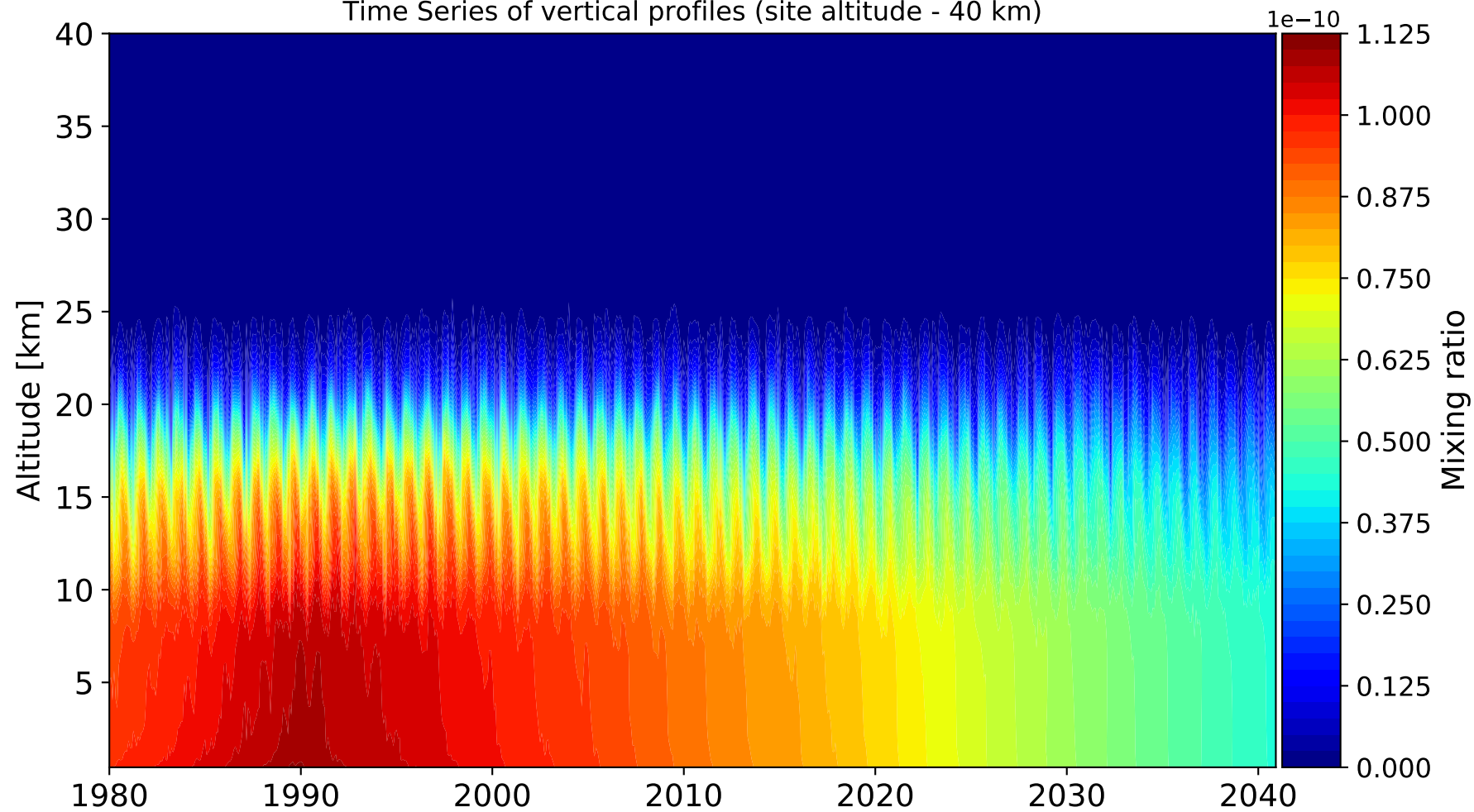


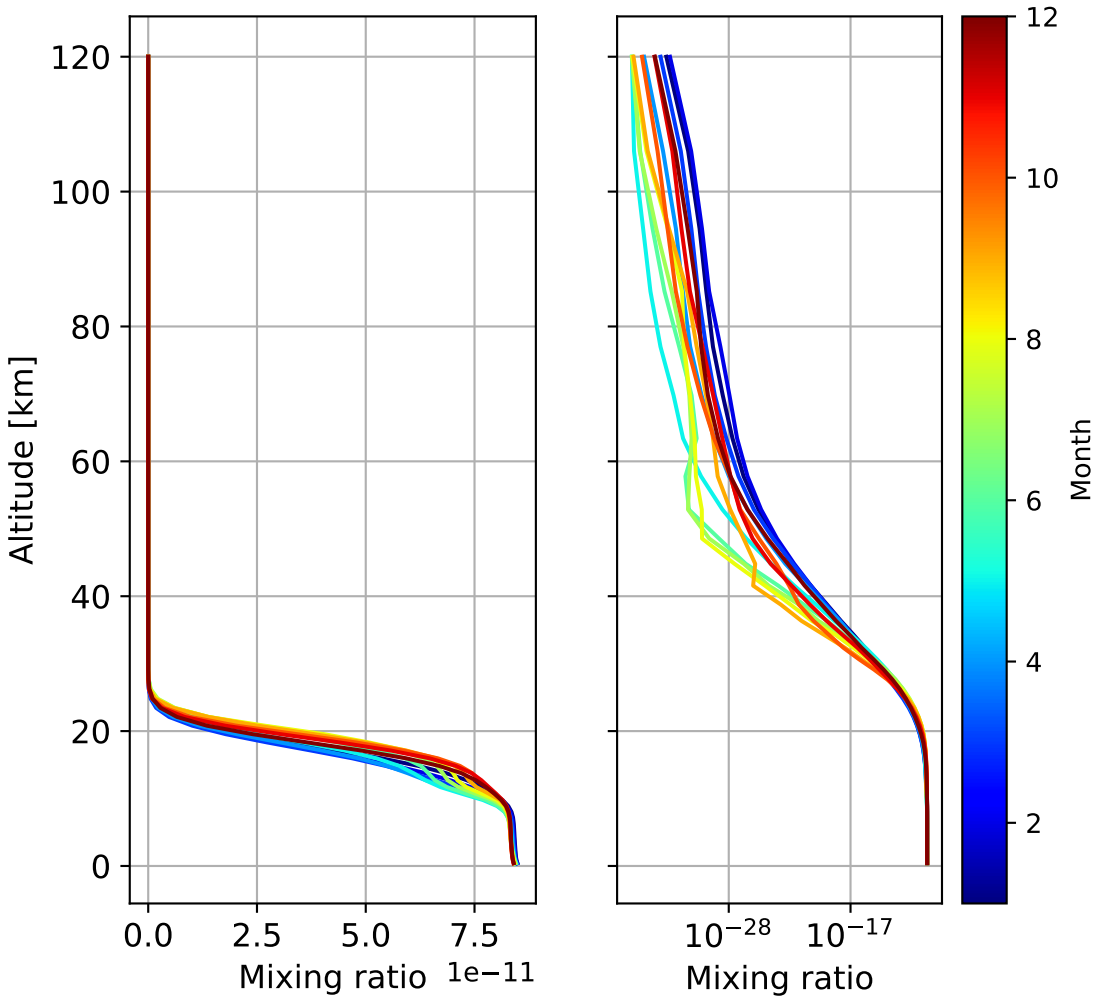
Time Series of vertical profiles (site altitude - 120 km)



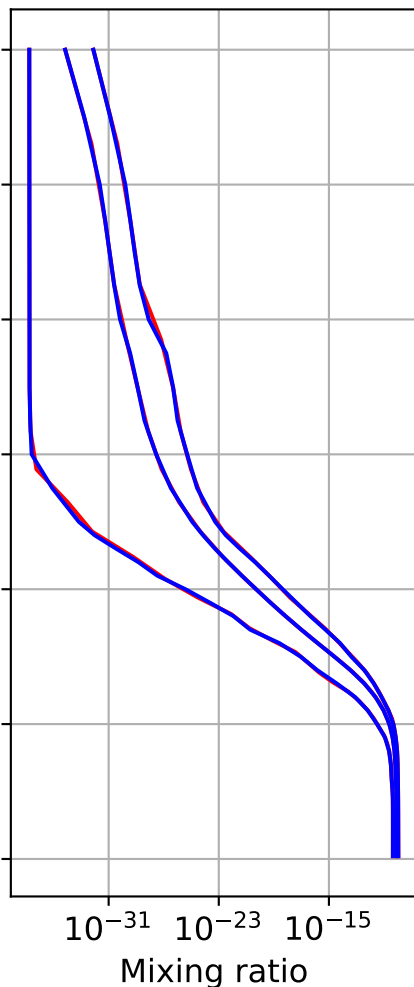
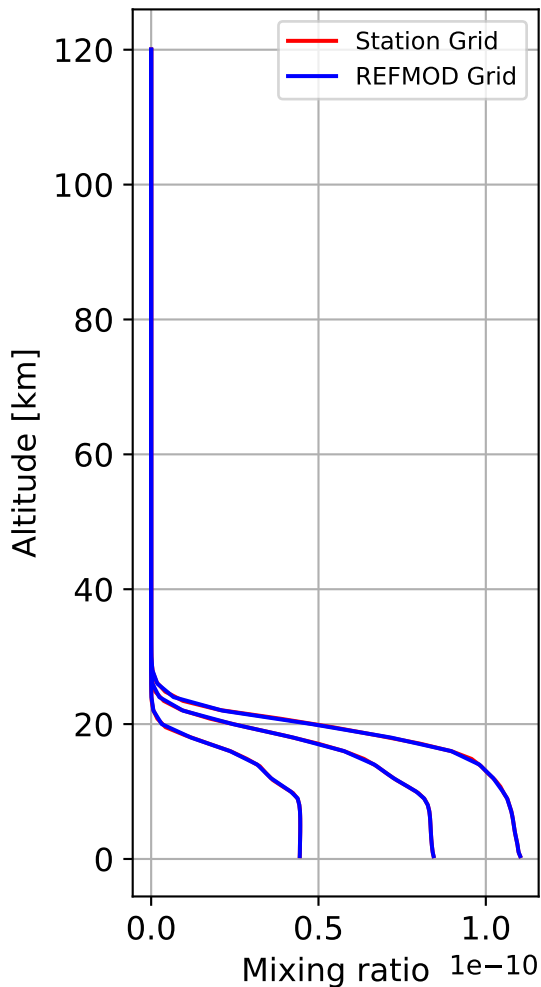
Time Series of vertical profiles (site altitude - 40 km)



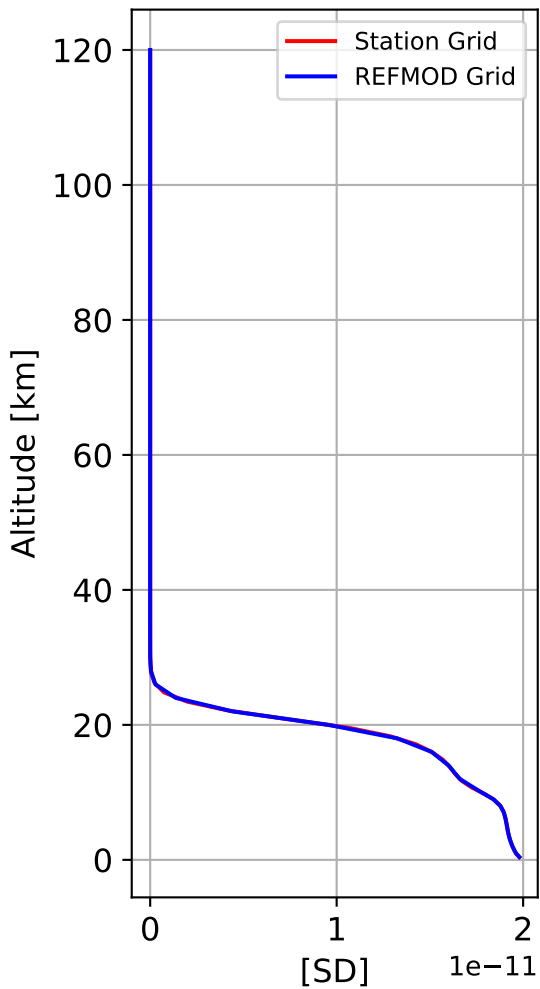
Monthly mean WACCM profile (interpolated to station grid) Kiruna, 67.84N, 20.41E, 0.42kmasl



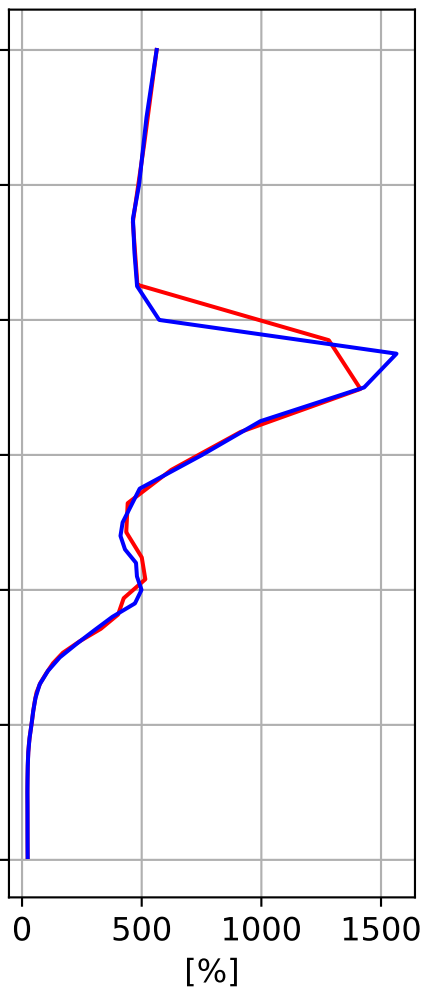
Min, Max, Mean of 732 profiles
Kiruna, 67.84N, 20.41E, 0.42km/s



Std. Deviation



Percent Deviation

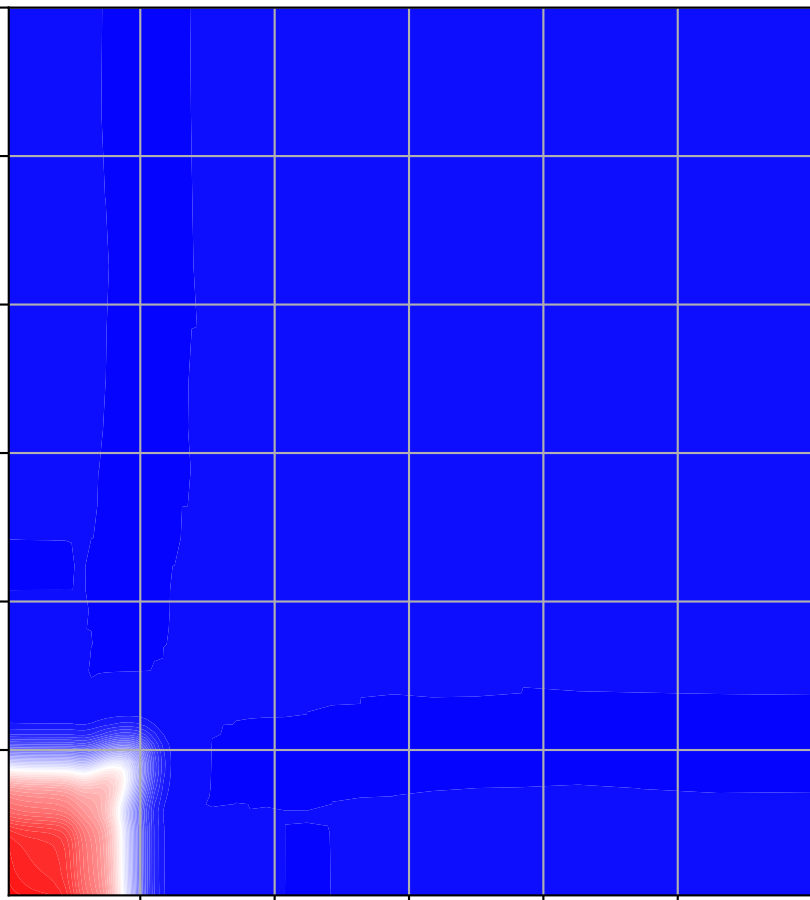


Level covariance matrix

$1e-22$

Altitude [km]

120
100
80
60
40
20



Altitude [km]

Mixing ratio[~ 2]

3.84
3.36
2.88
2.40
1.92
1.44
0.96
0.48
0.00