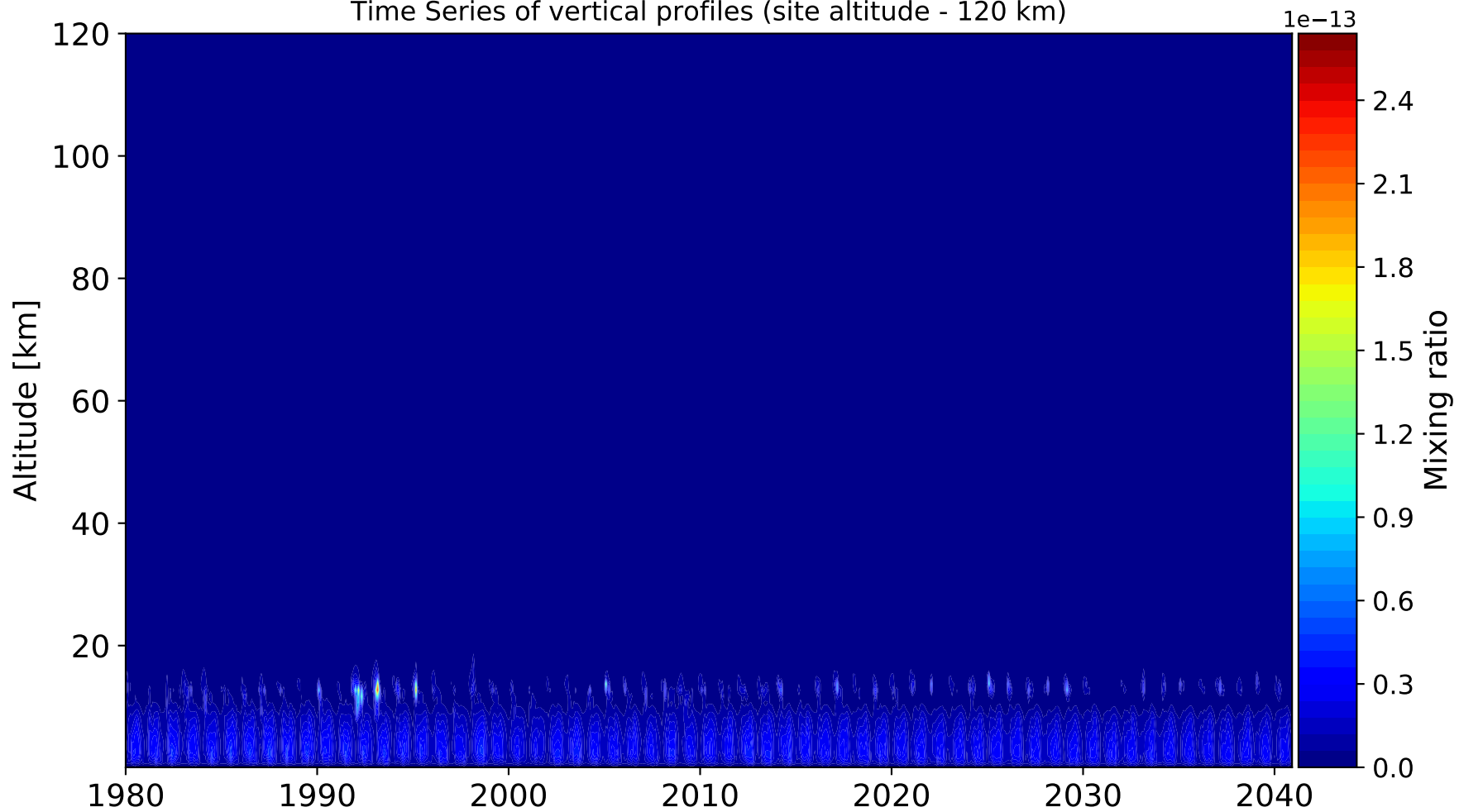
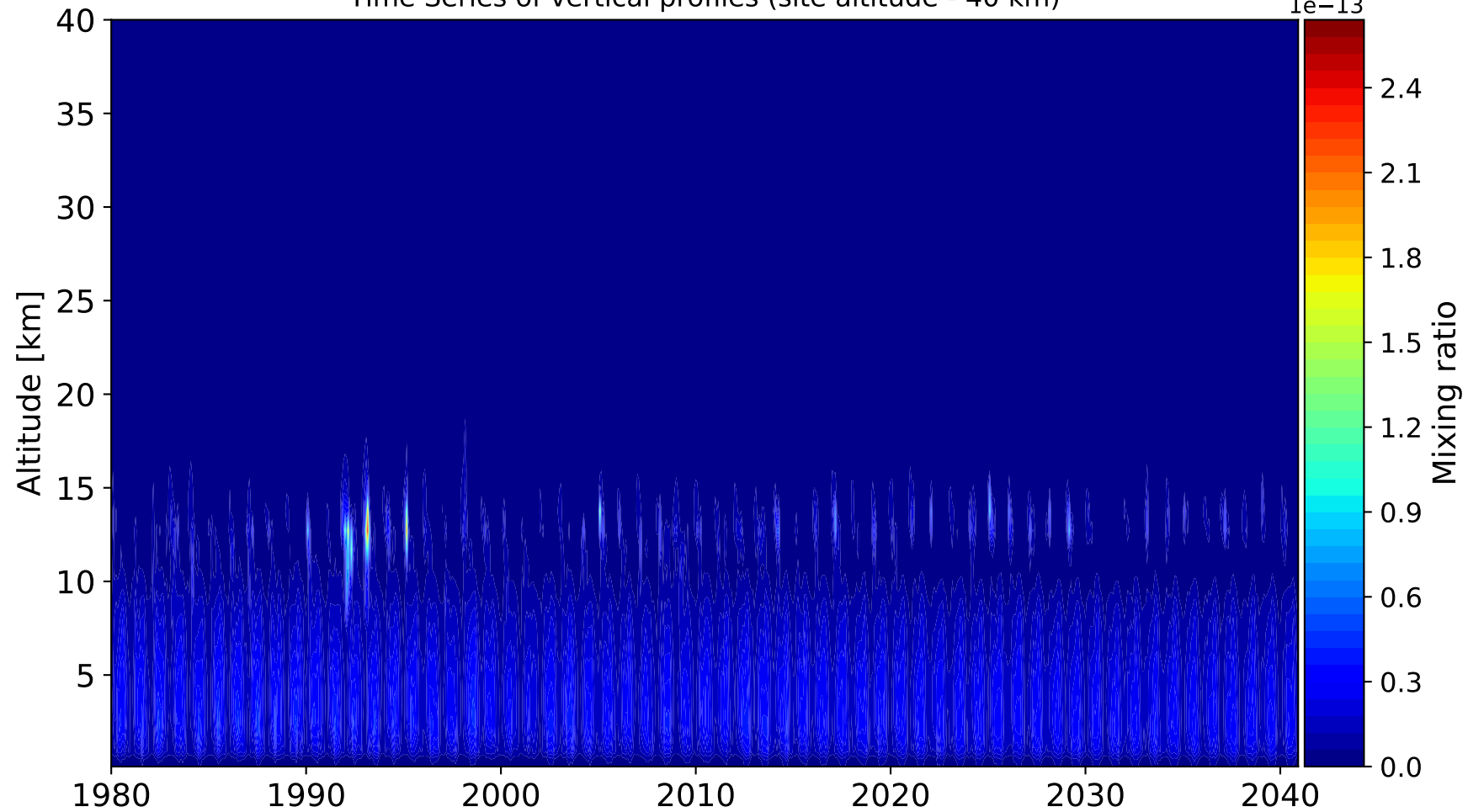


Time Series of vertical profiles (site altitude - 120 km)

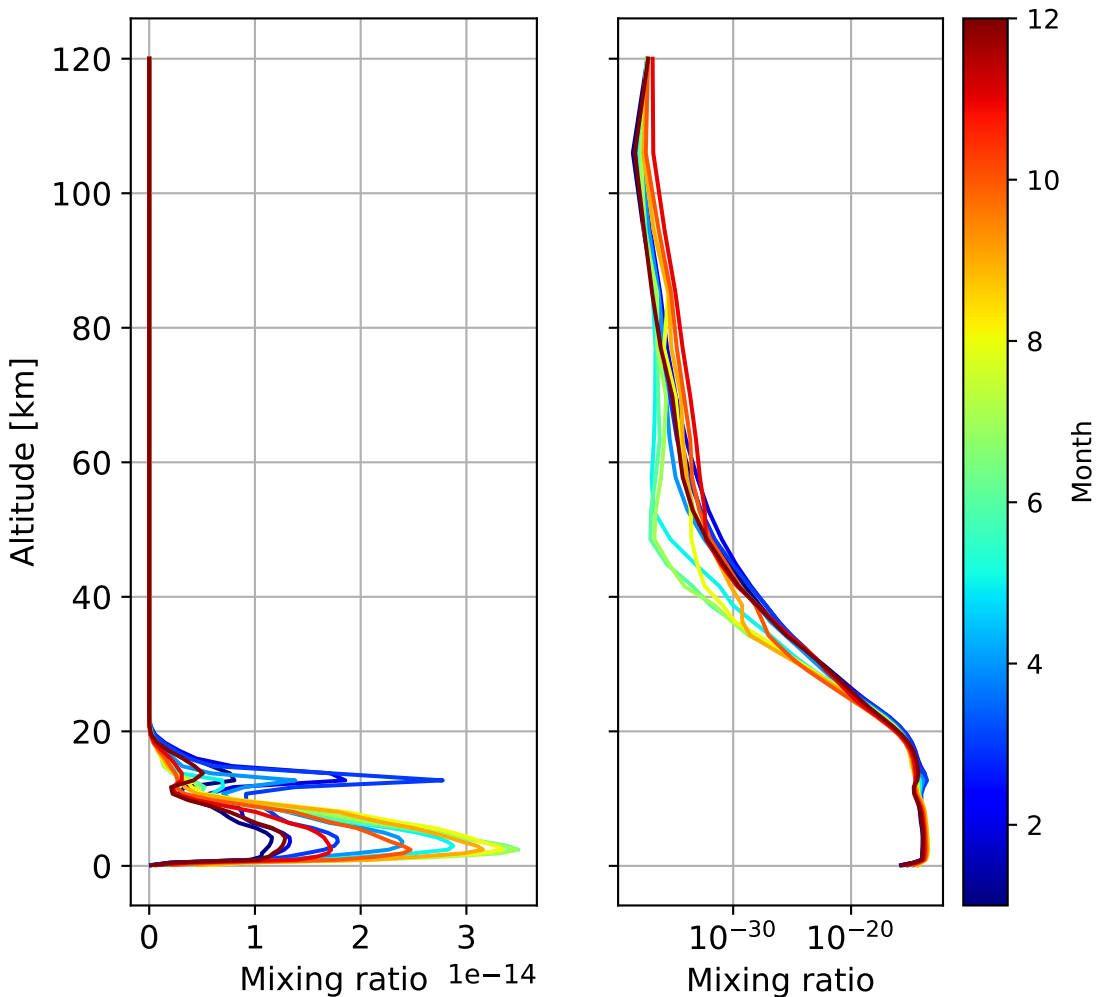


Time Series of vertical profiles (site altitude - 40 km)

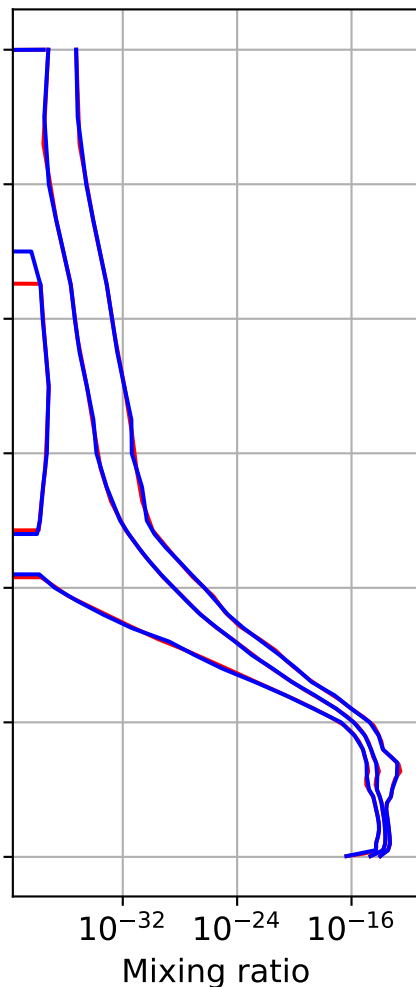
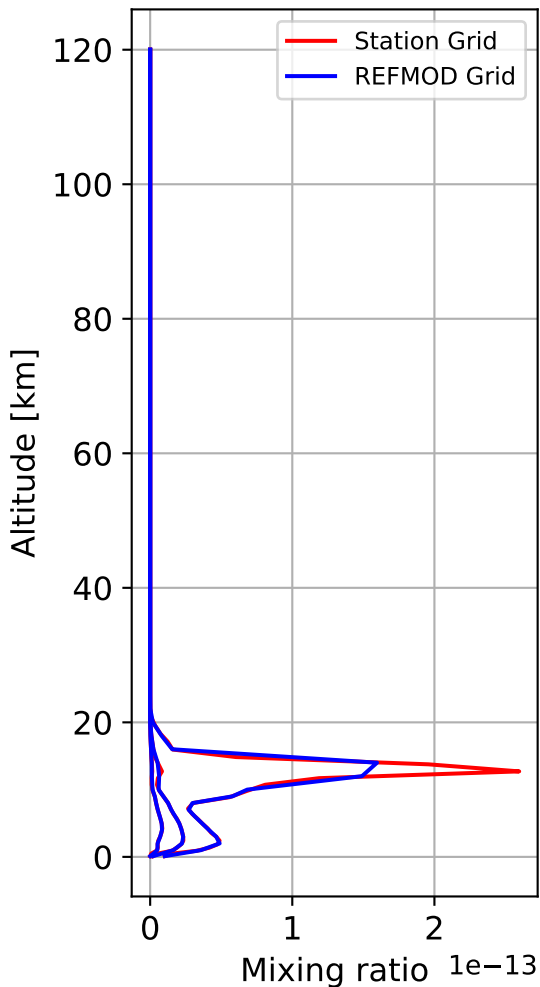
$1e-13$



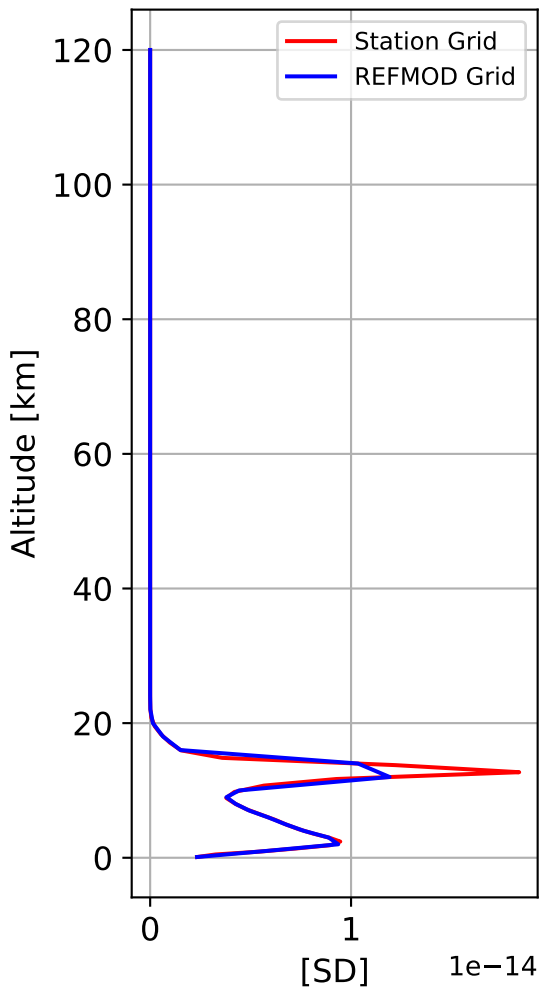
Monthly mean WACCM profile (interpolated to station grid) Karlsruhe, 49.09N, 8.43E, 0.11kmasl



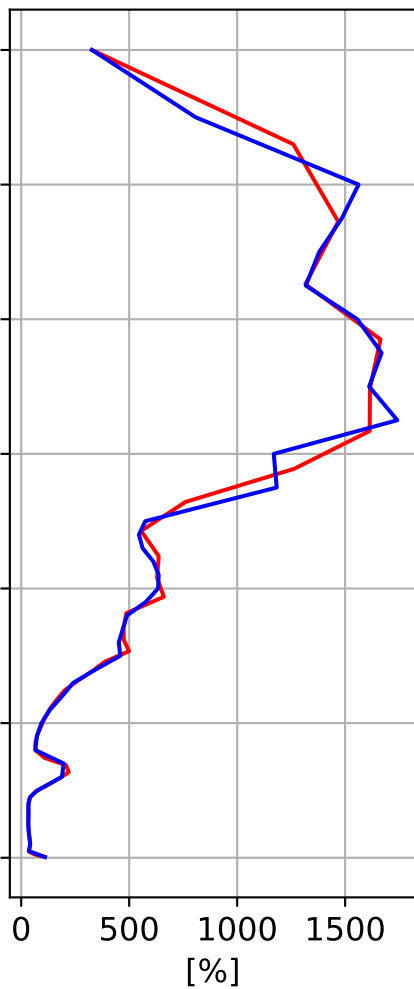
Min, Max, Mean of 732 profiles
Karlsruhe, 49.09N, 8.43E, 0.11kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

1e-28

Altitude [km]

120
100
80
60
40
20

Altitude [km]

Mixing ratio[~ 2]

3.2
2.8
2.4
2.0
1.6
1.2
0.8
0.4
0.0

