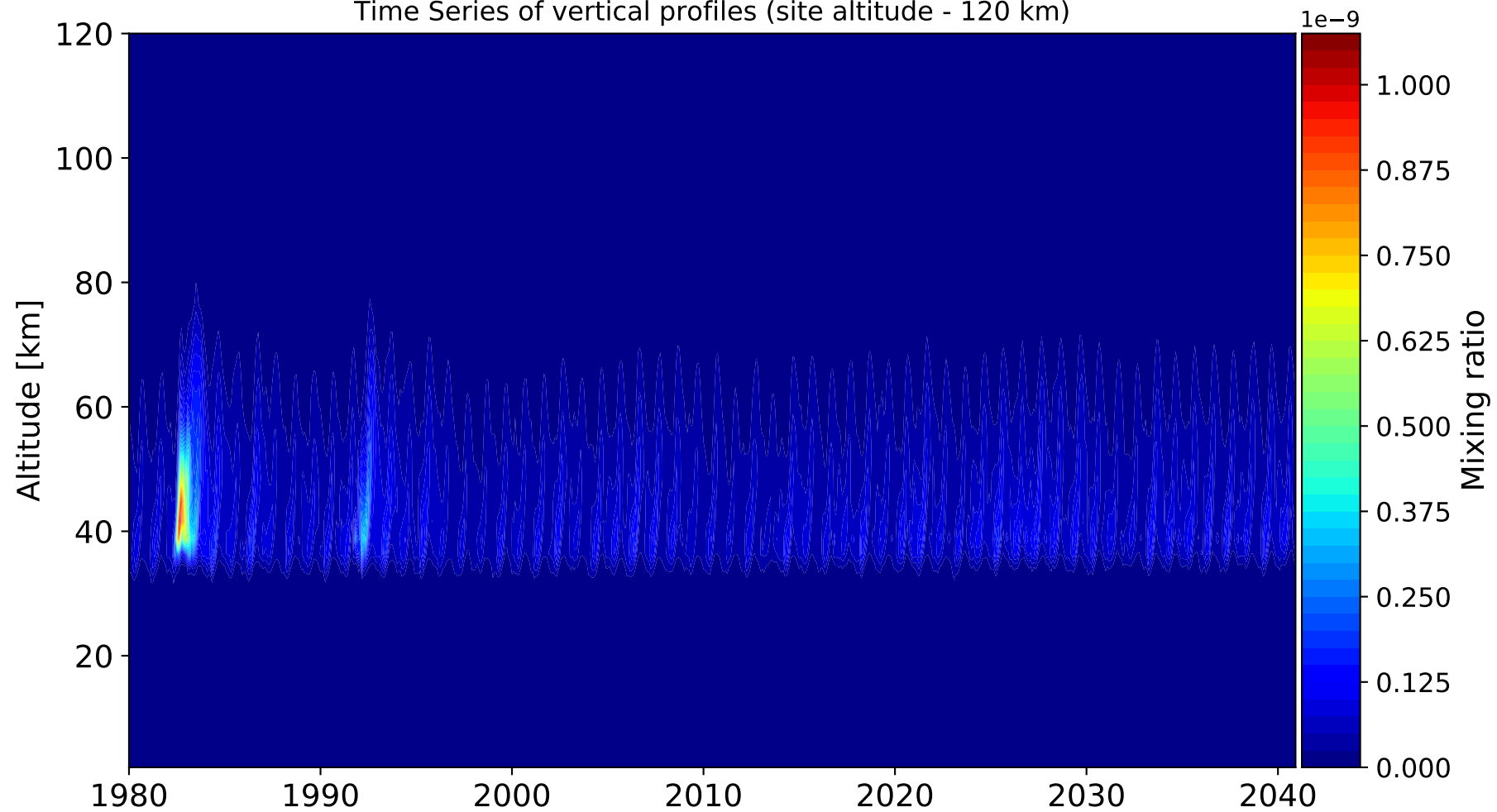
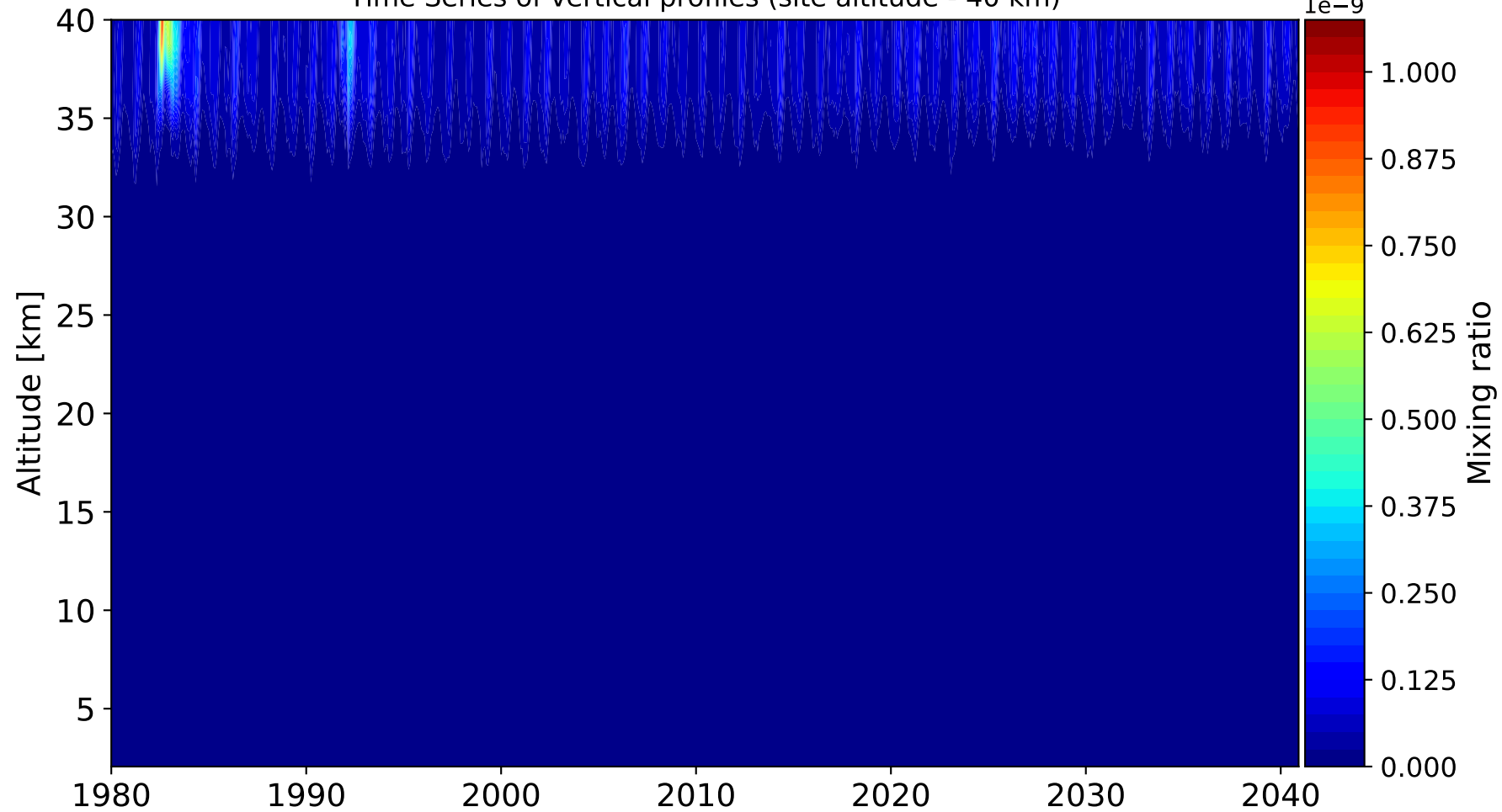


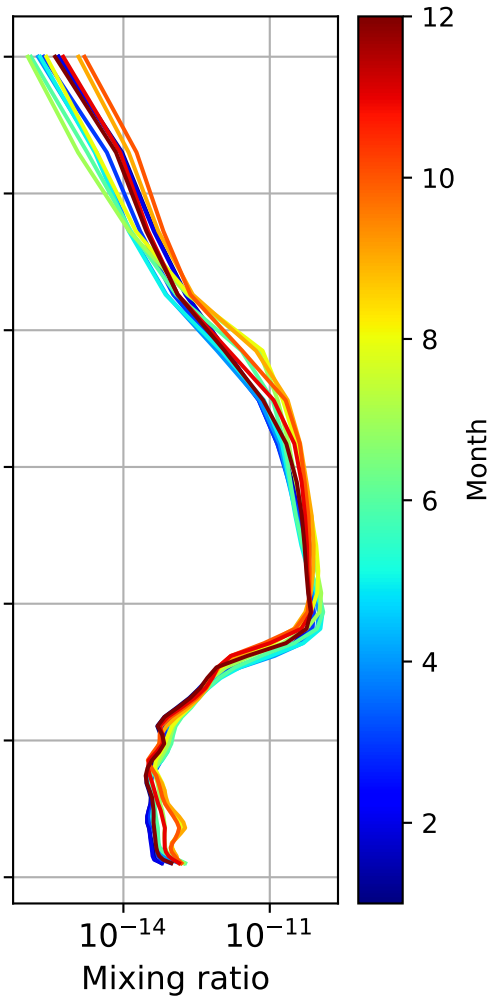
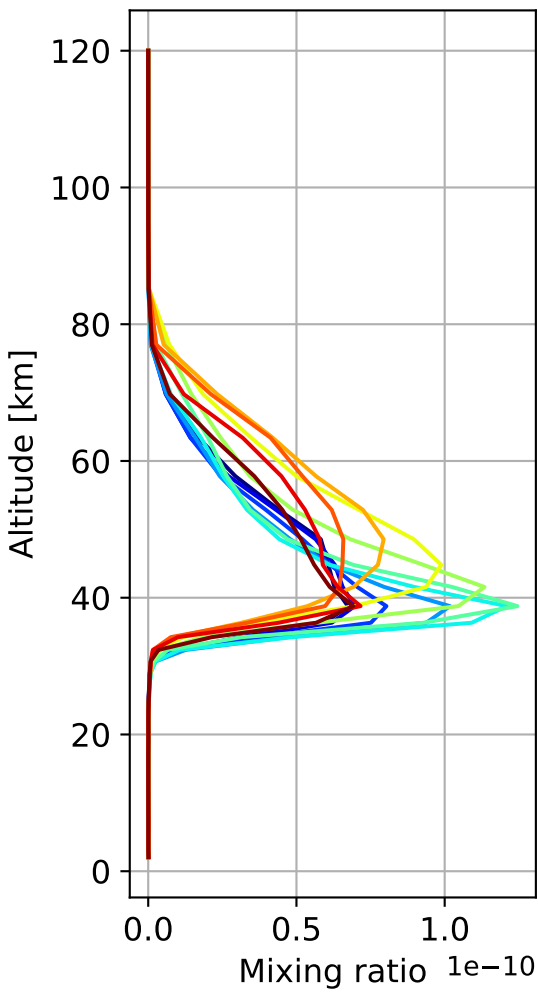
Time Series of vertical profiles (site altitude - 120 km)



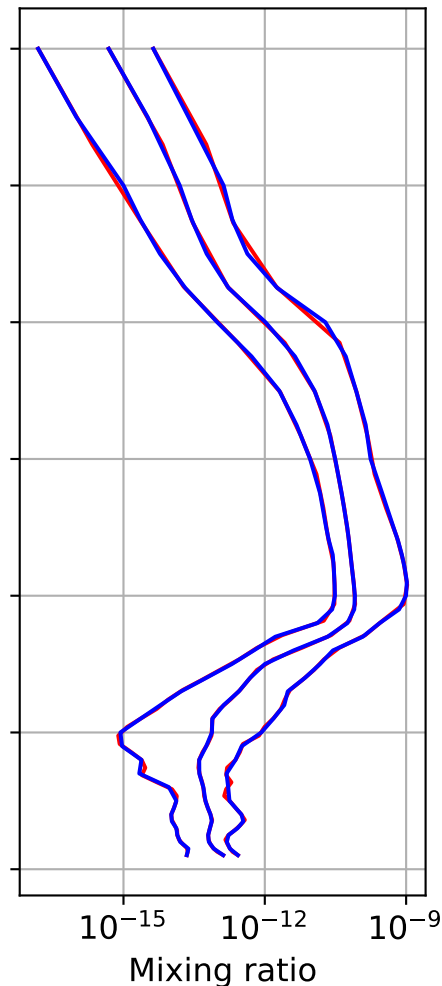
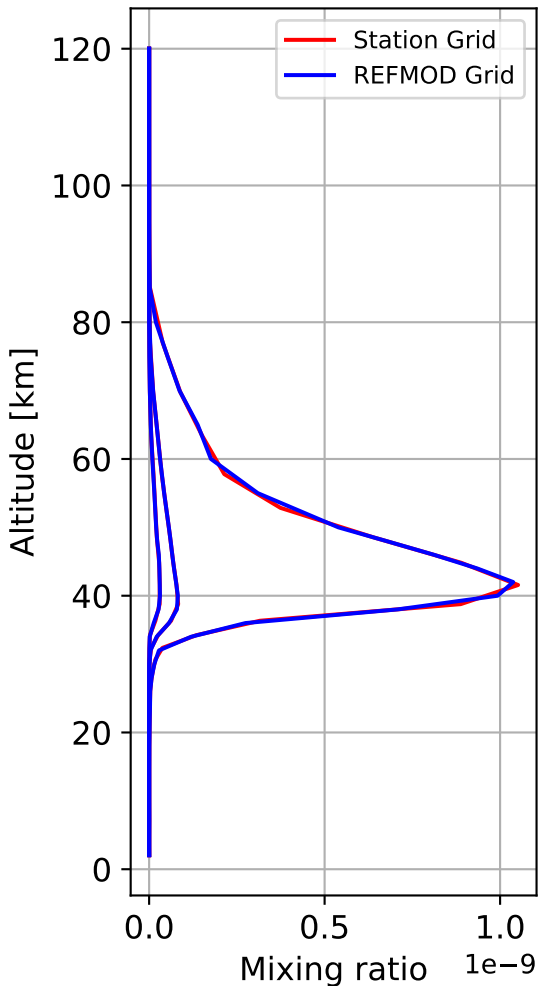
Time Series of vertical profiles (site altitude - 40 km)



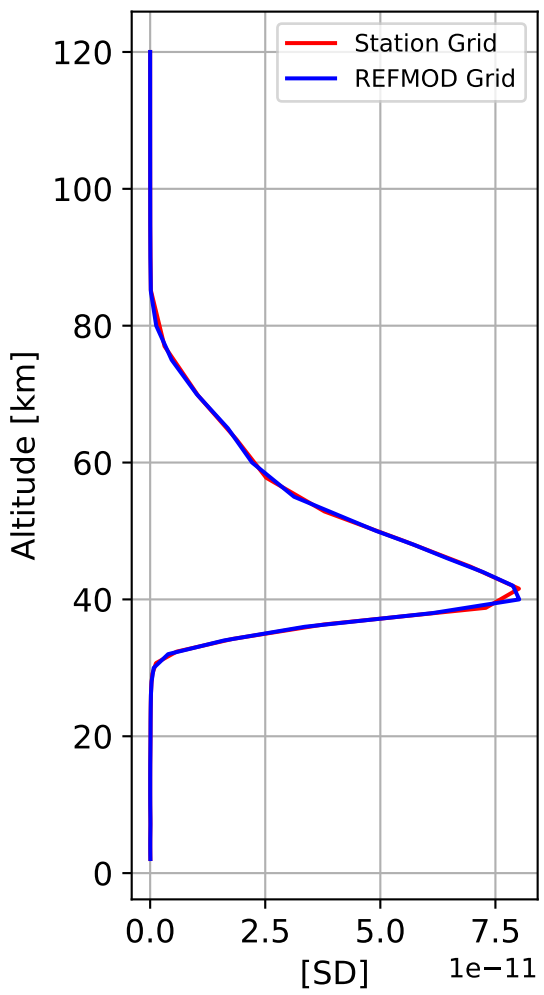
Monthly mean WACCM profile (interpolated to station grid) Kitt_Peak, 31.96N, 248.41E, 2.06kmasl



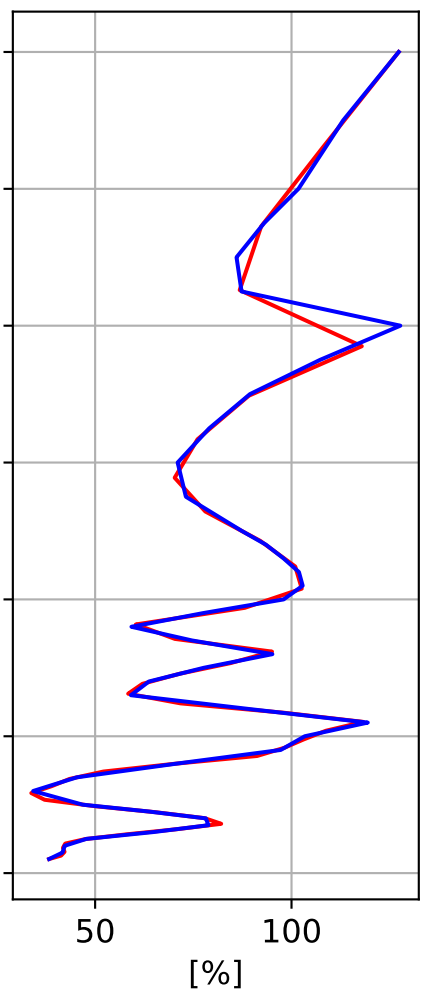
Min, Max, Mean of 732 profiles
Kitt_Peak, 31.96N, 248.41E, 2.06kmasl



Std. Deviation



Percent Deviation

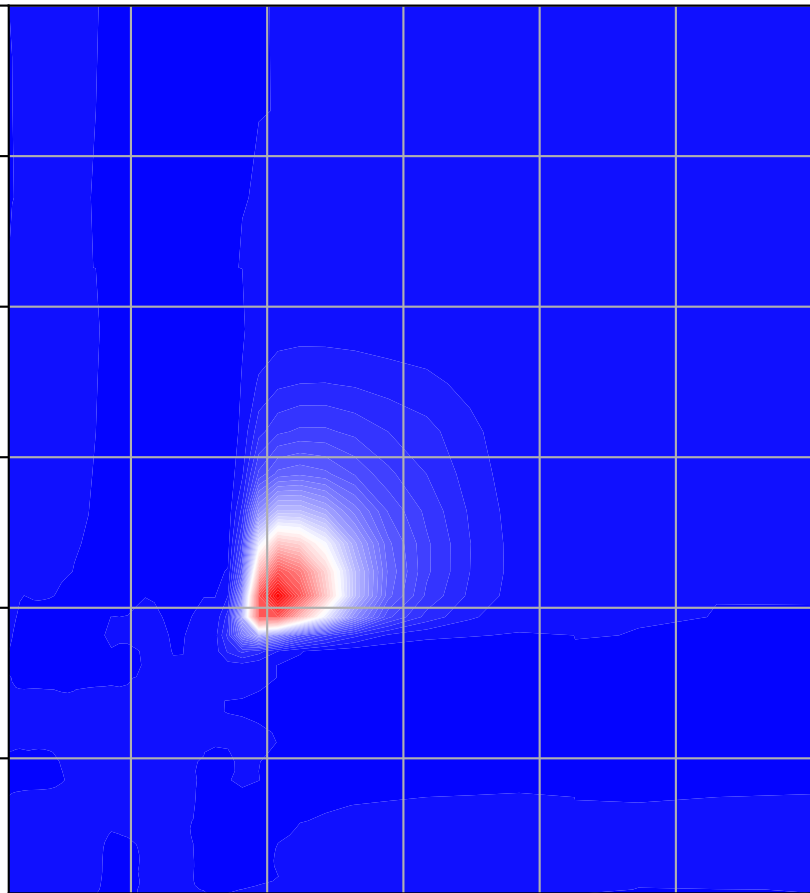


Level covariance matrix

1e-21

Altitude [km]

120
100
80
60
40
20



Altitude [km]

Mixing ratio[²]

6.00
5.25
4.50
3.75
3.00
2.25
1.50
0.75
0.00