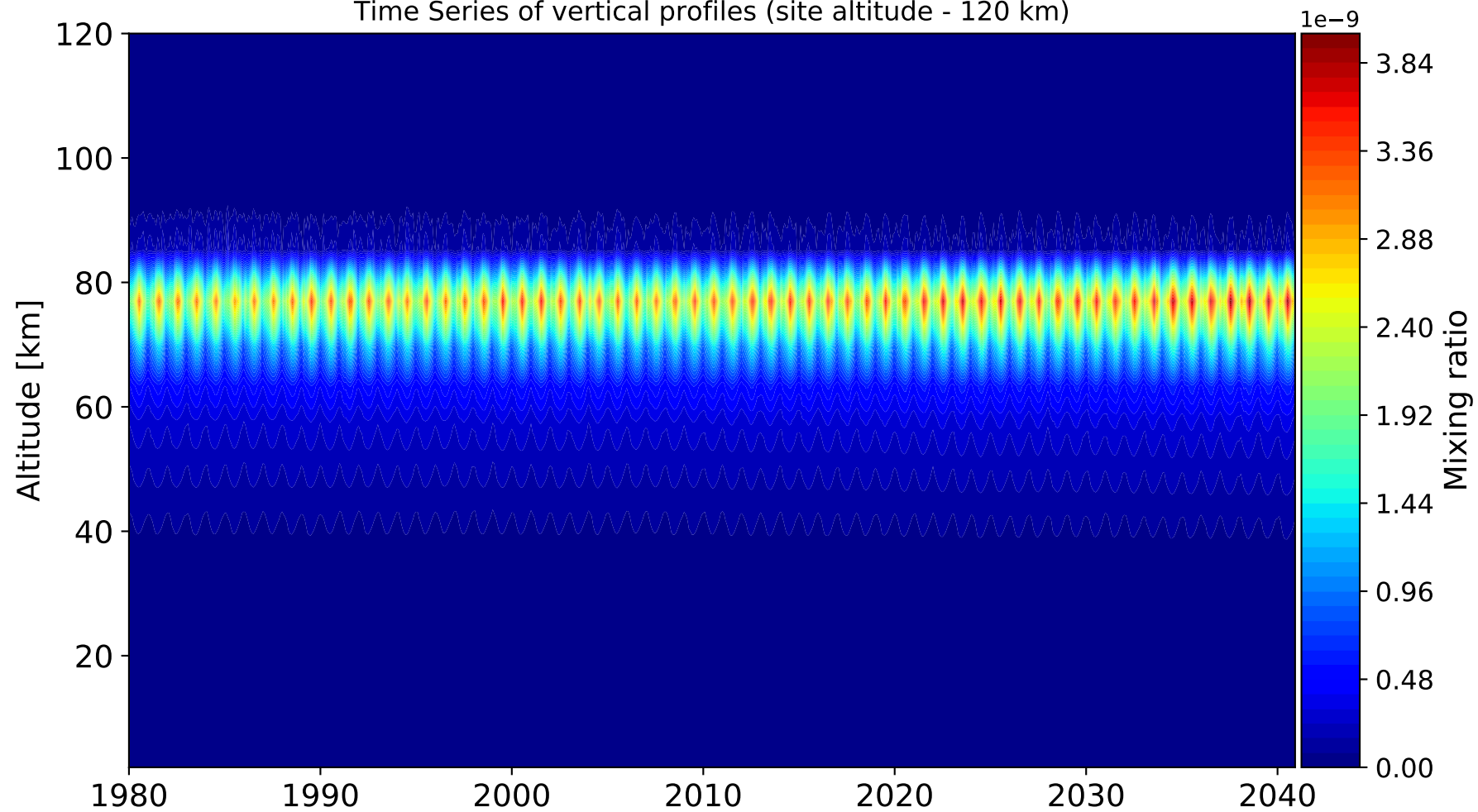
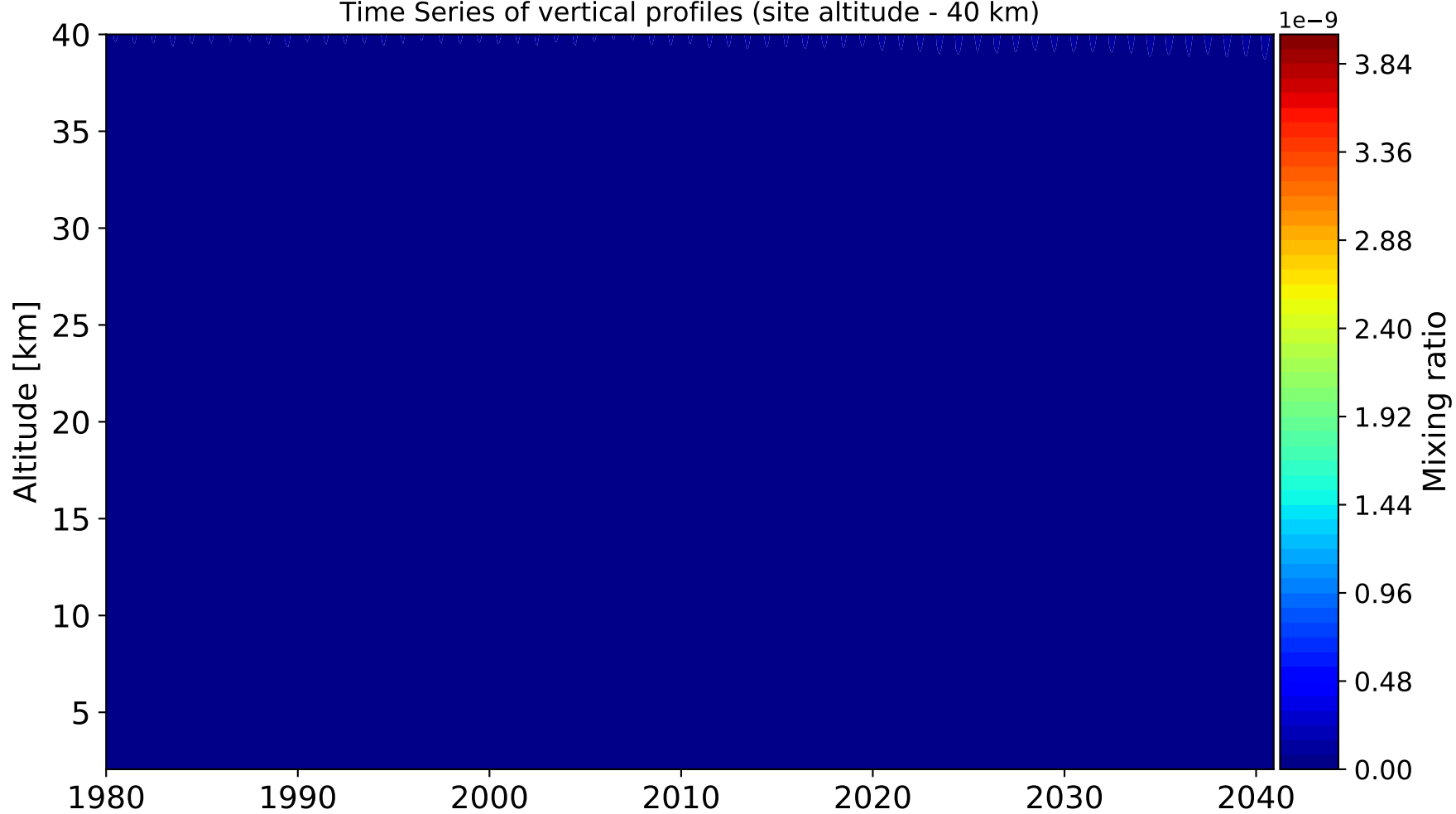


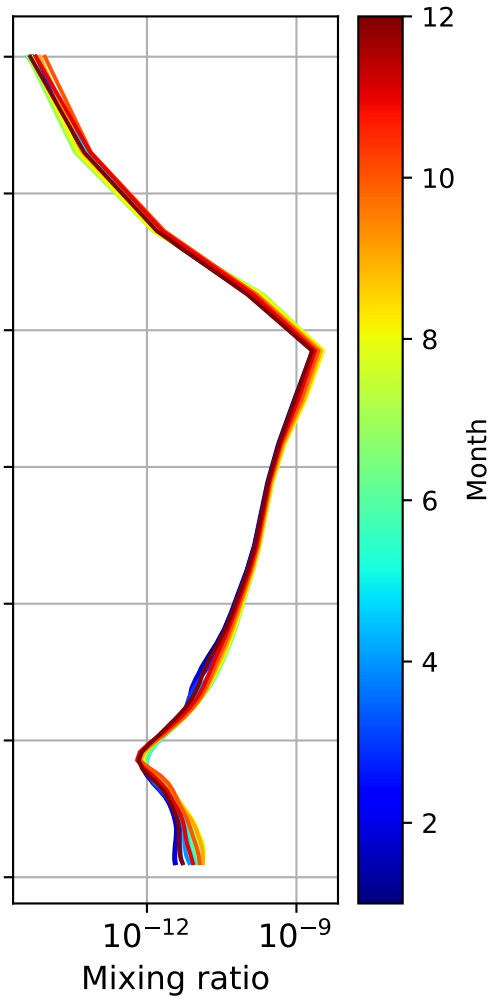
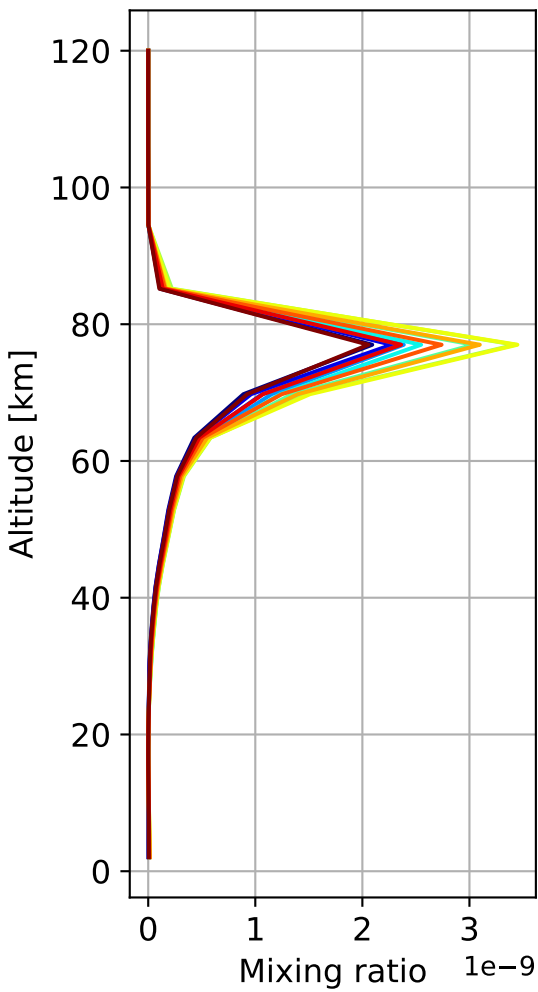
Time Series of vertical profiles (site altitude - 120 km)



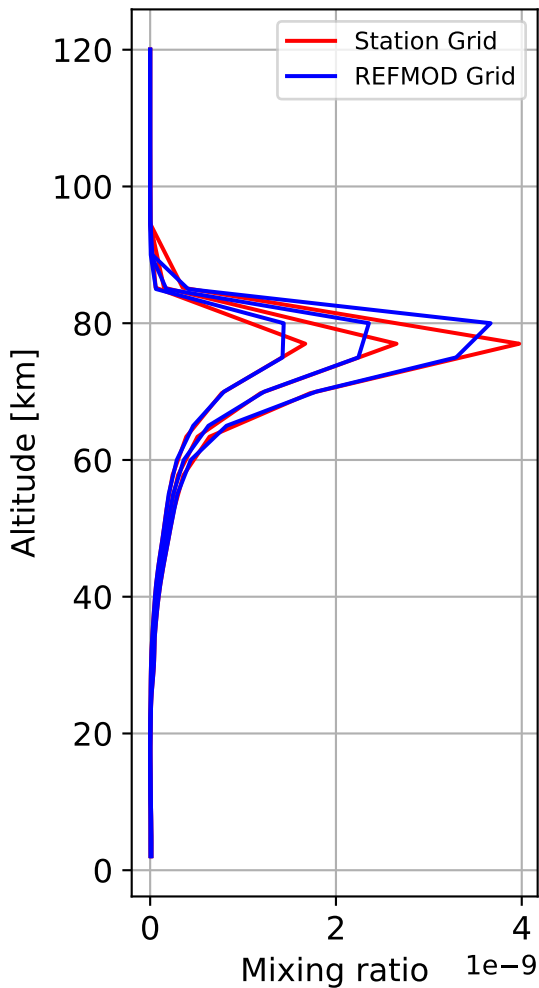
Time Series of vertical profiles (site altitude - 40 km)



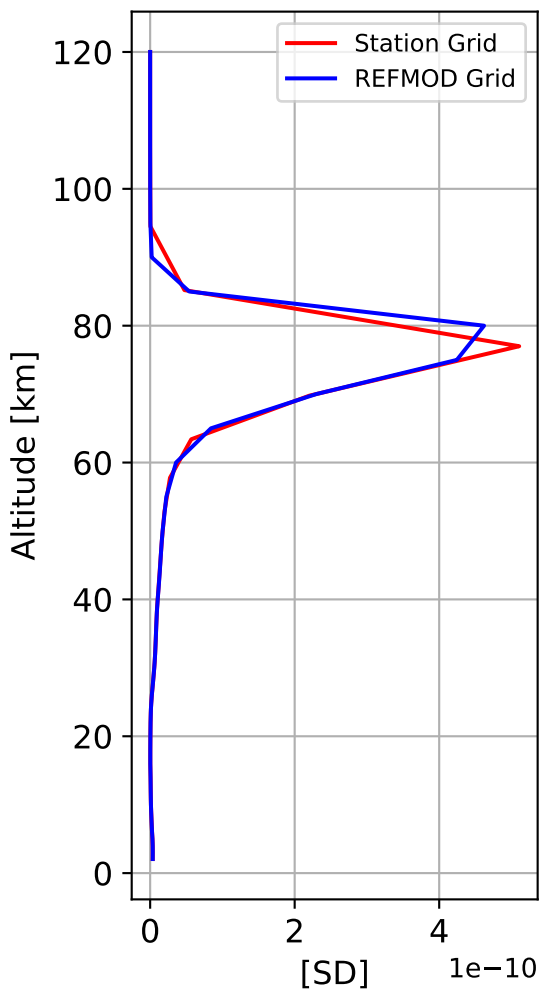
Monthly mean WACCM profile (interpolated to station grid) Kitt_Peak, 31.96N, 248.41E, 2.06kmasl



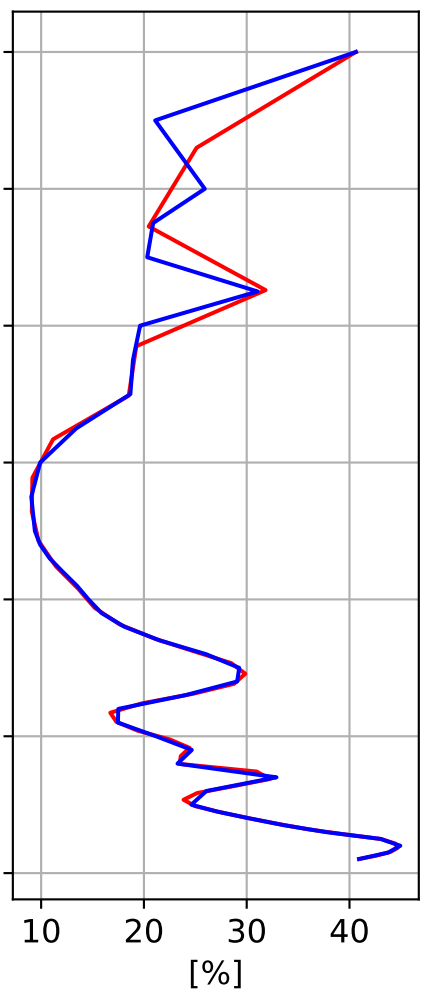
Min, Max, Mean of 732 profiles
Kitt_Peak, 31.96N, 248.41E, 2.06kmasl



Std. Deviation



Percent Deviation

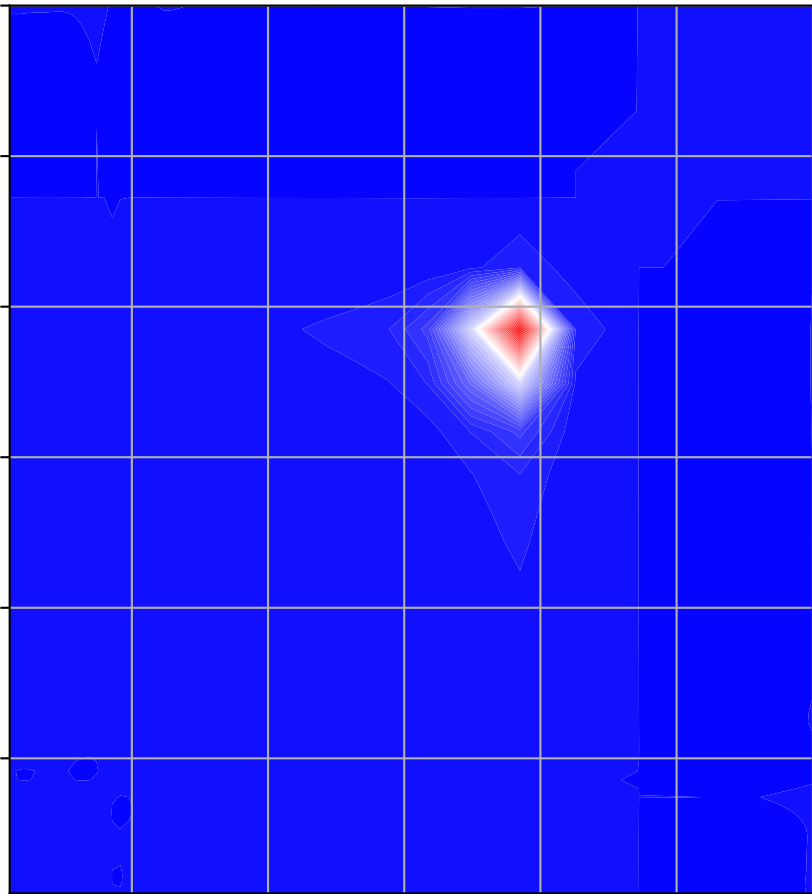


Level covariance matrix

1e-19

Altitude [km]

120
100
80
60
40
20



Mixing ratio[~ 2]

2.4
2.1
1.8
1.5
1.2
0.9
0.6
0.3
0.0

Altitude [km]