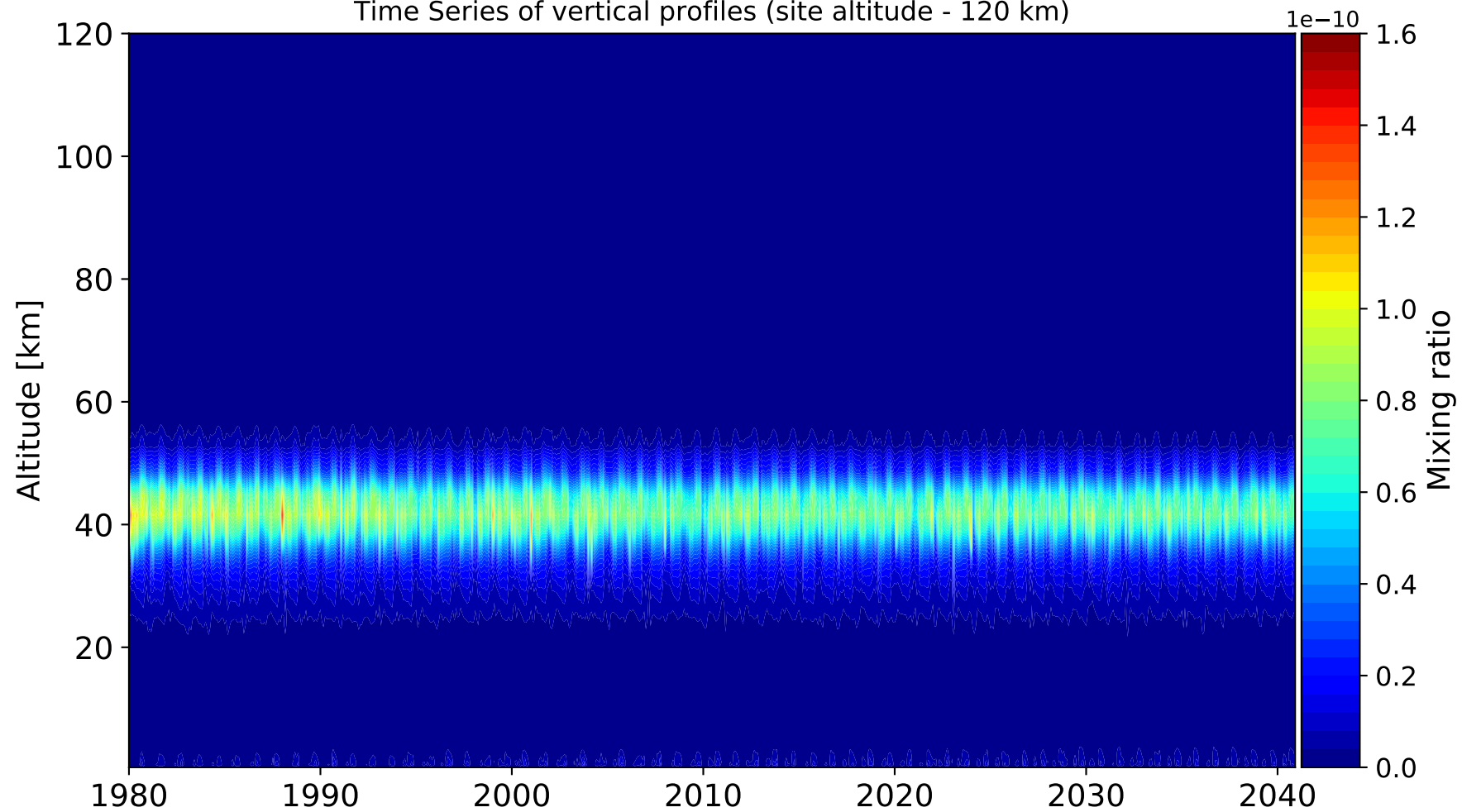
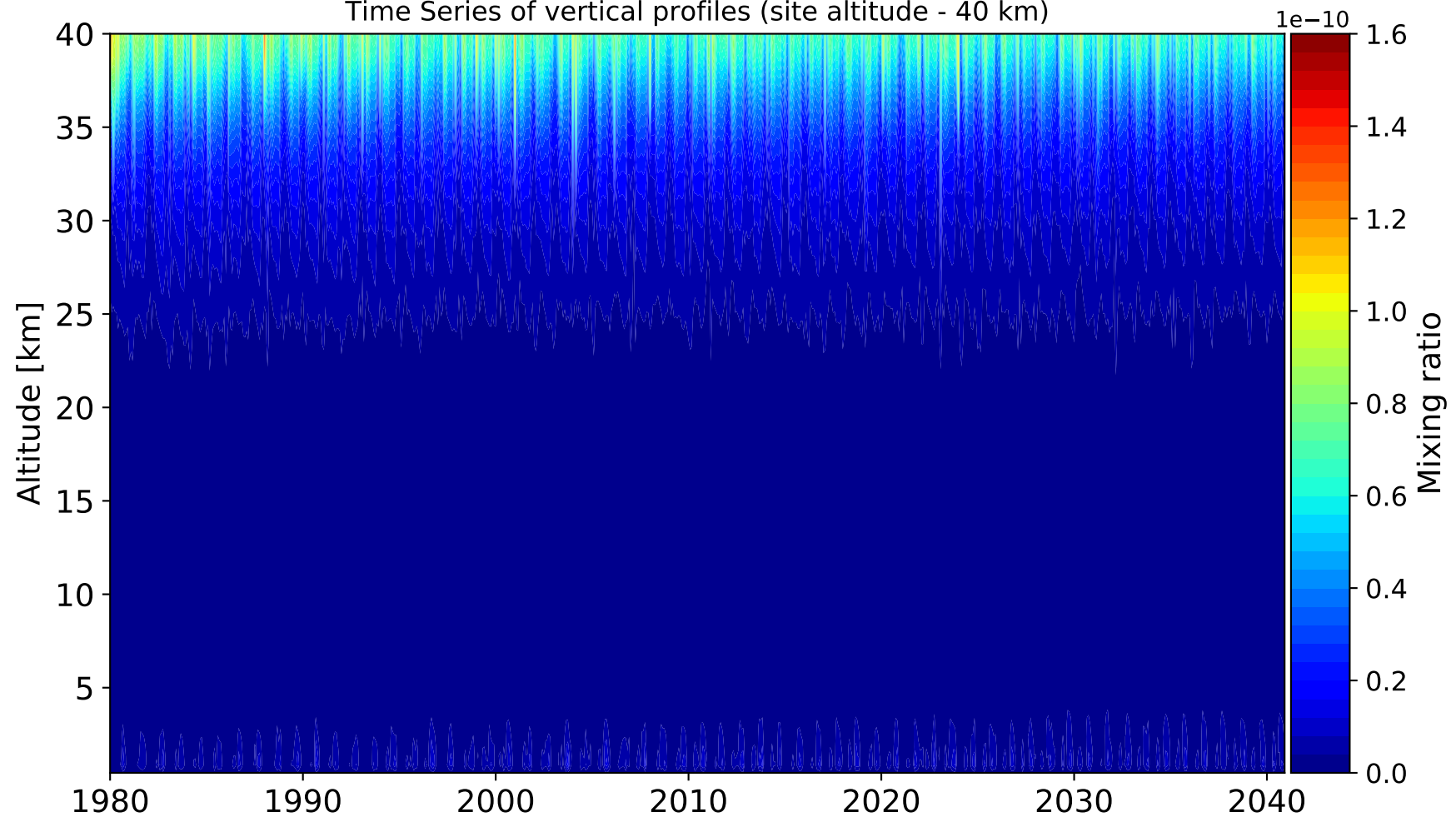


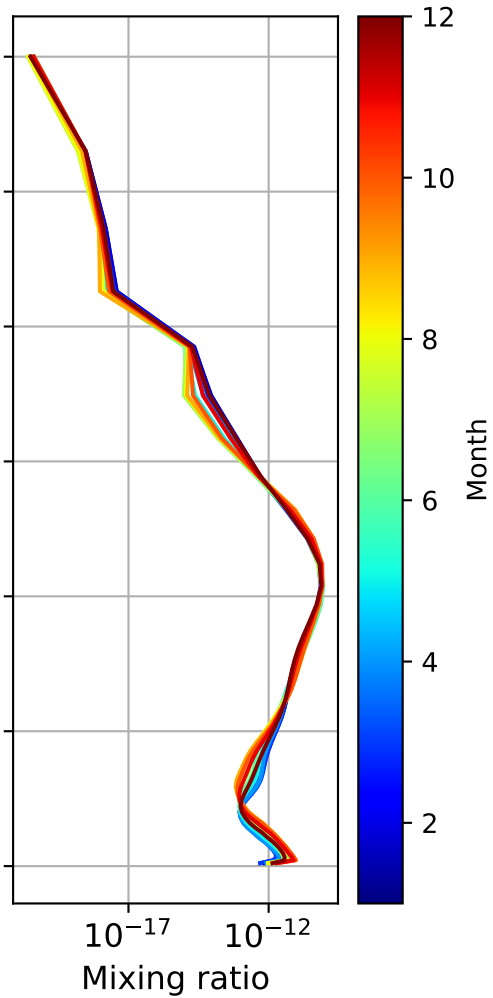
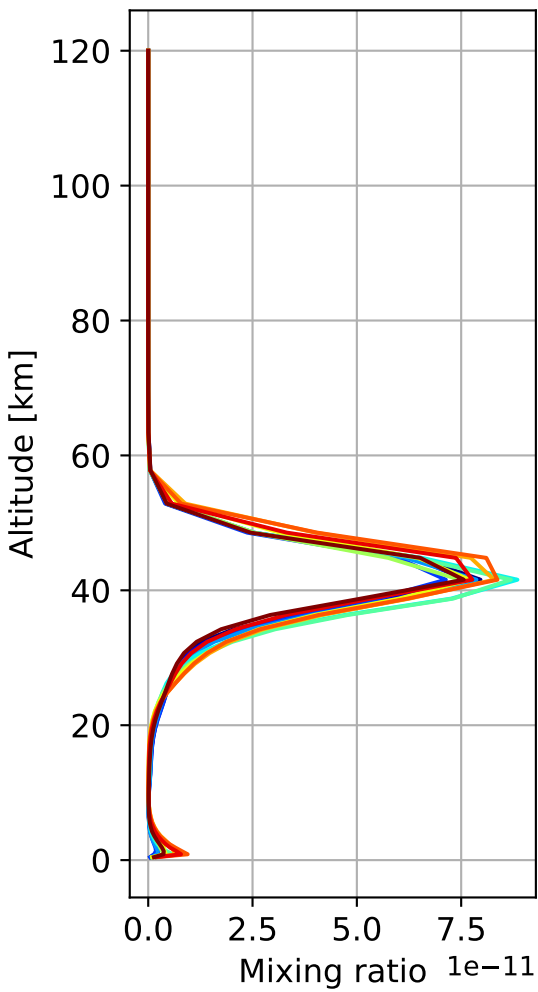
Time Series of vertical profiles (site altitude - 120 km)



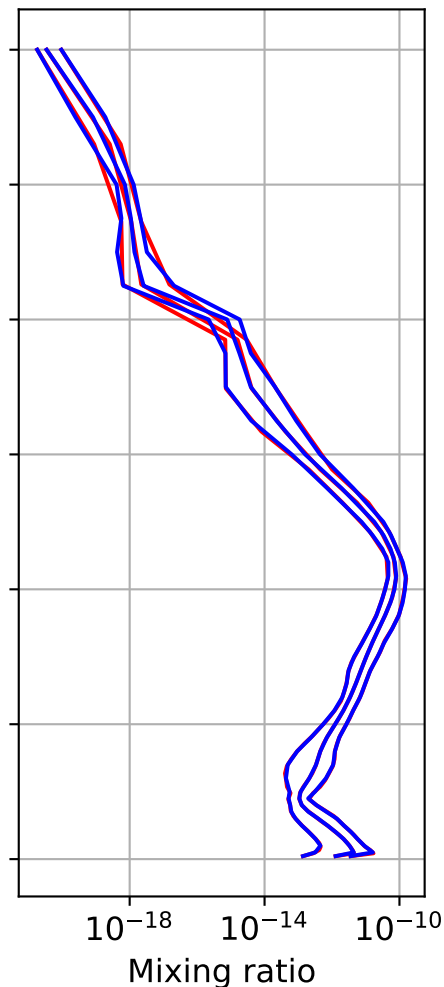
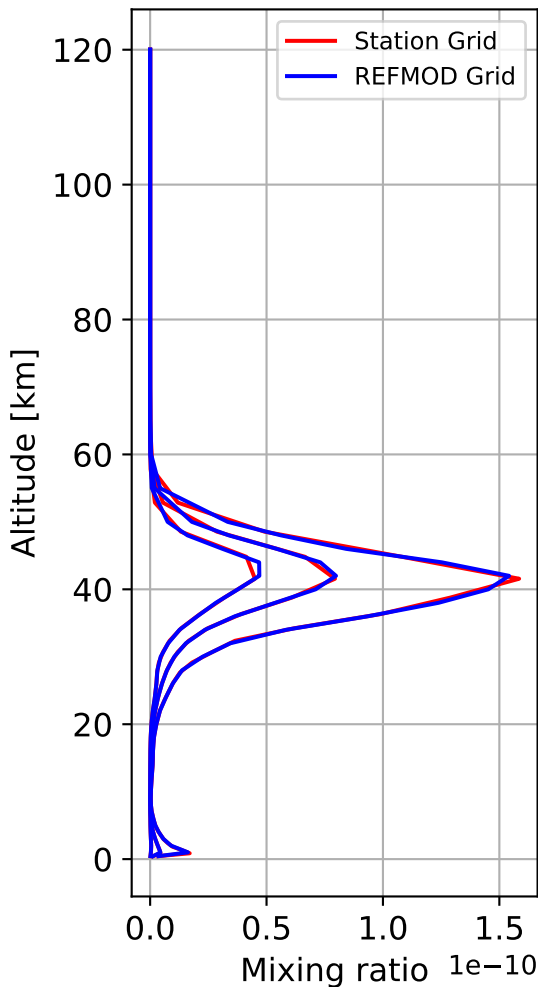
Time Series of vertical profiles (site altitude - 40 km)



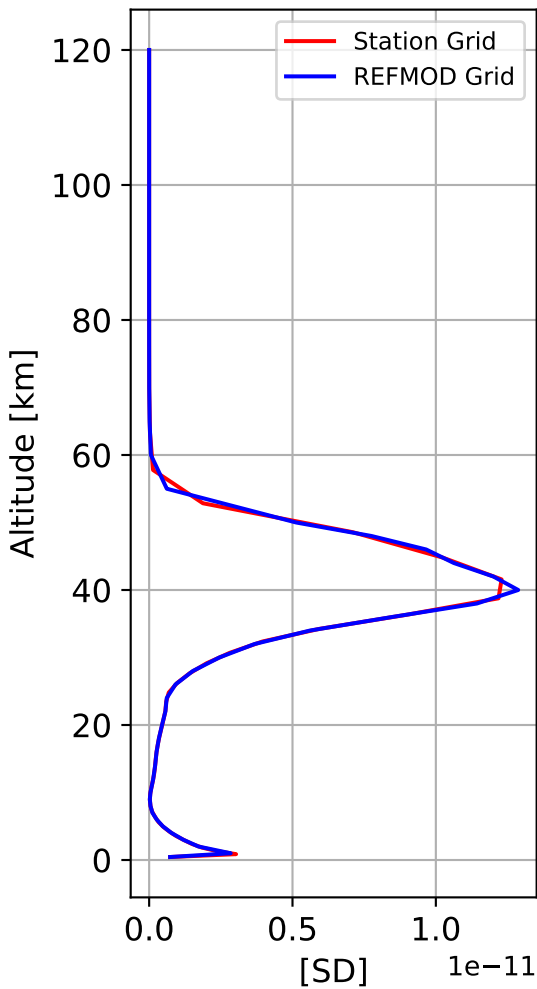
Monthly mean WACCM profile (interpolated to station grid)
Park_Falls, 45.945N, 269.727E, 0.442kmasl



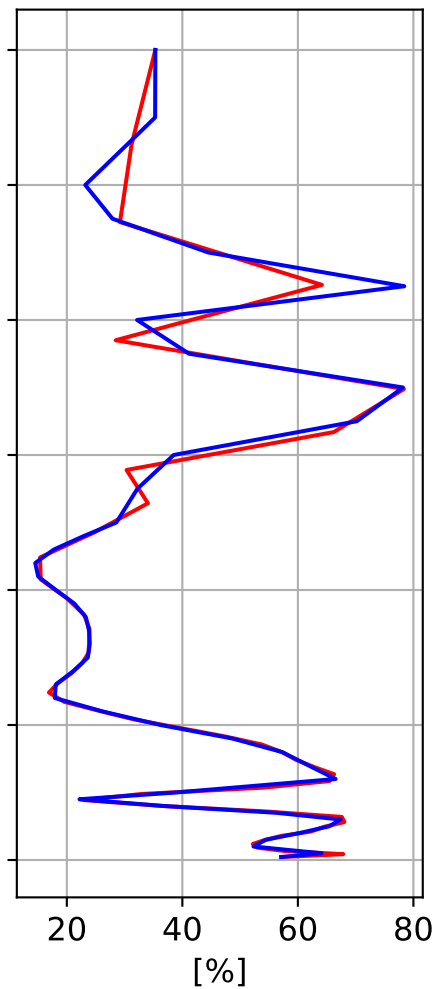
Min, Max, Mean of 732 profiles
Park_Falls, 45.945N, 269.727E, 0.442km/s



Std. Deviation



Percent Deviation



Level covariance matrix

1e-22

Altitude [km]

120

100

80

60

40

20

20

Altitude [km]

80

100

120

1.44

1.28

1.12

0.96

0.80

0.64

0.48

0.32

0.16

0.00

Mixing ratio[~ 2]