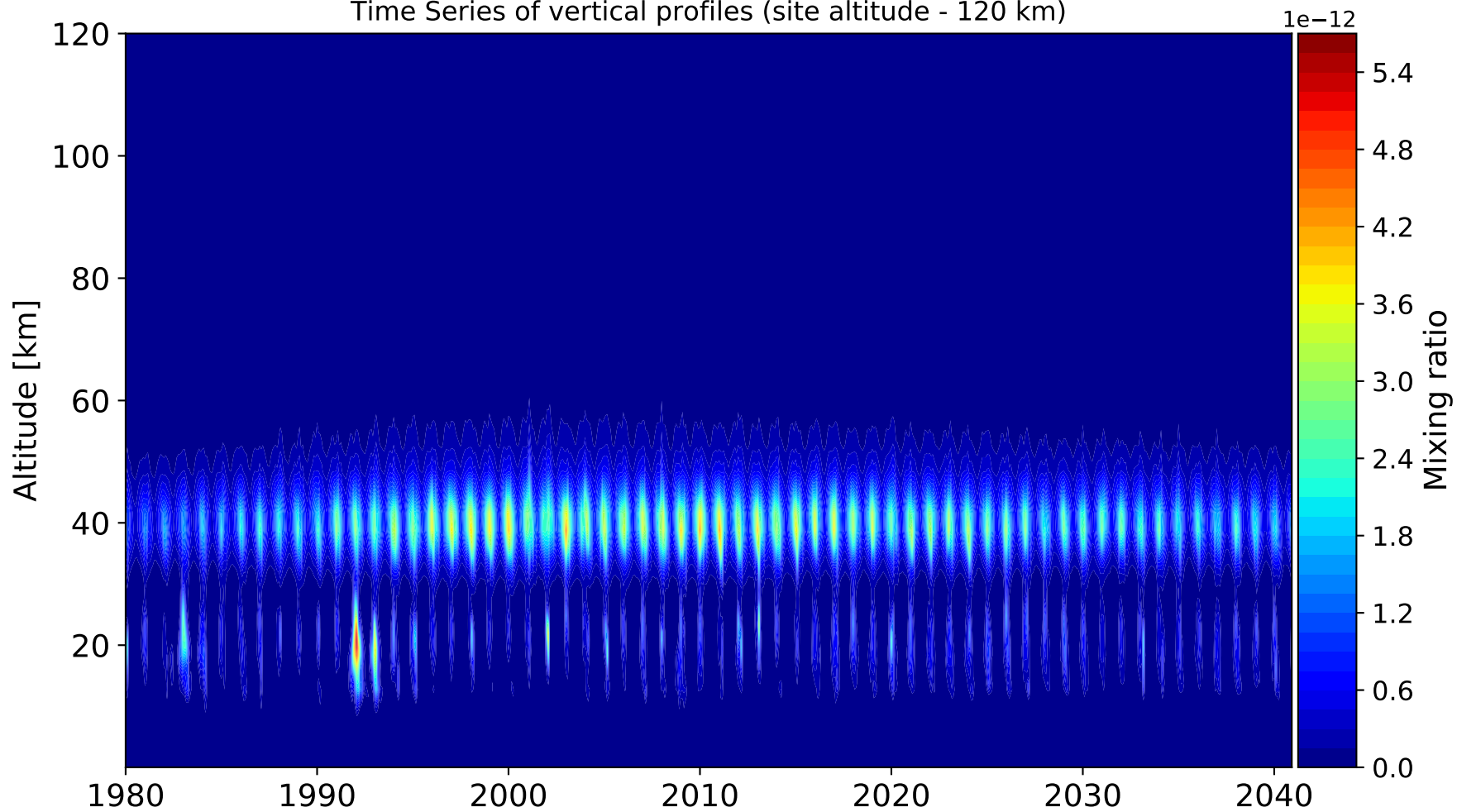
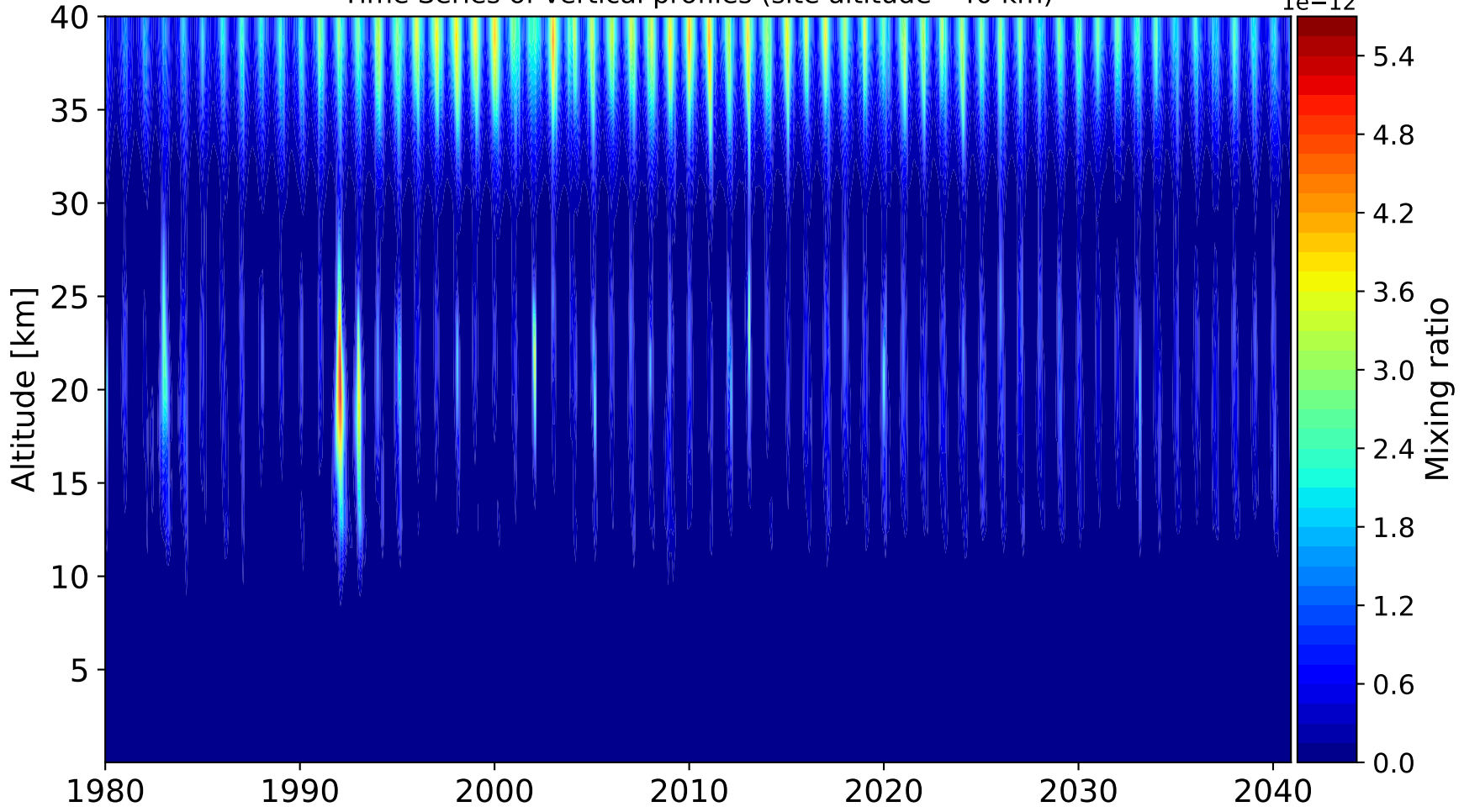


Time Series of vertical profiles (site altitude - 120 km)

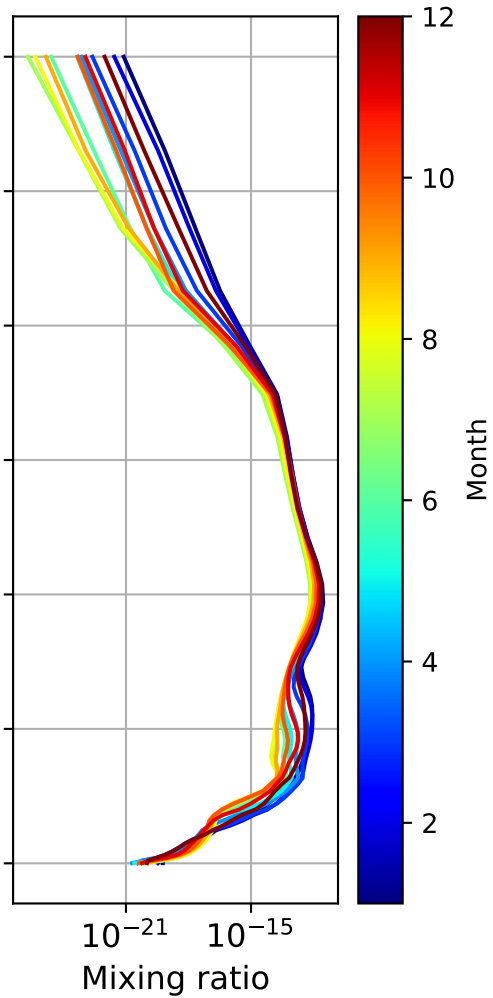
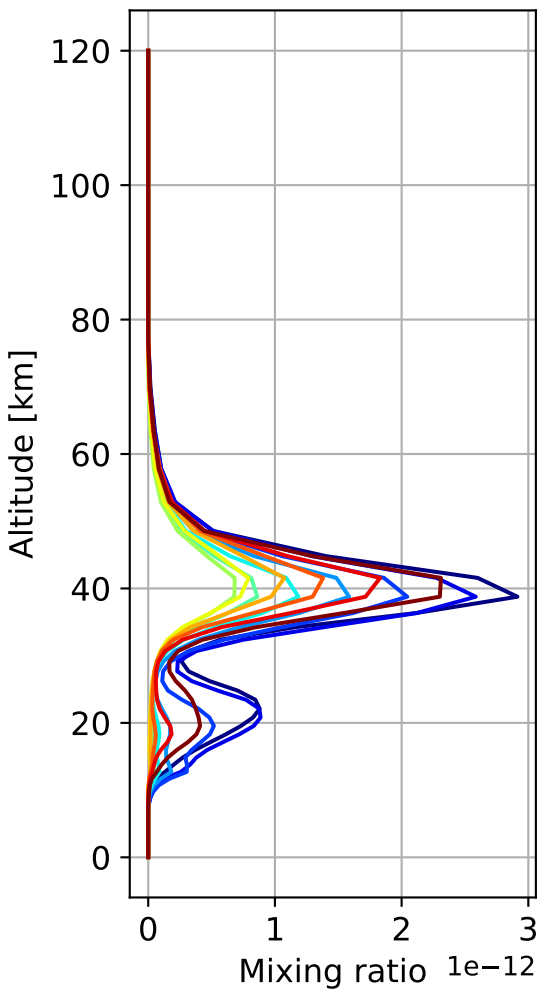


Time Series of vertical profiles (site altitude - 40 km)

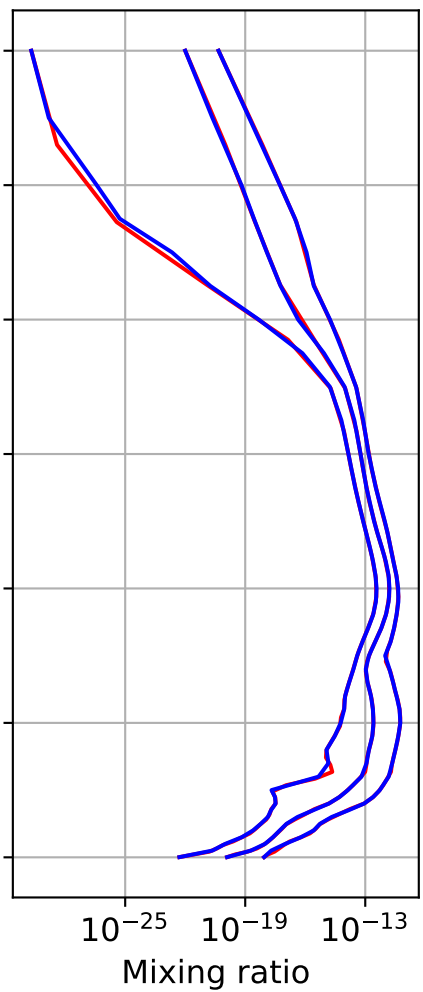
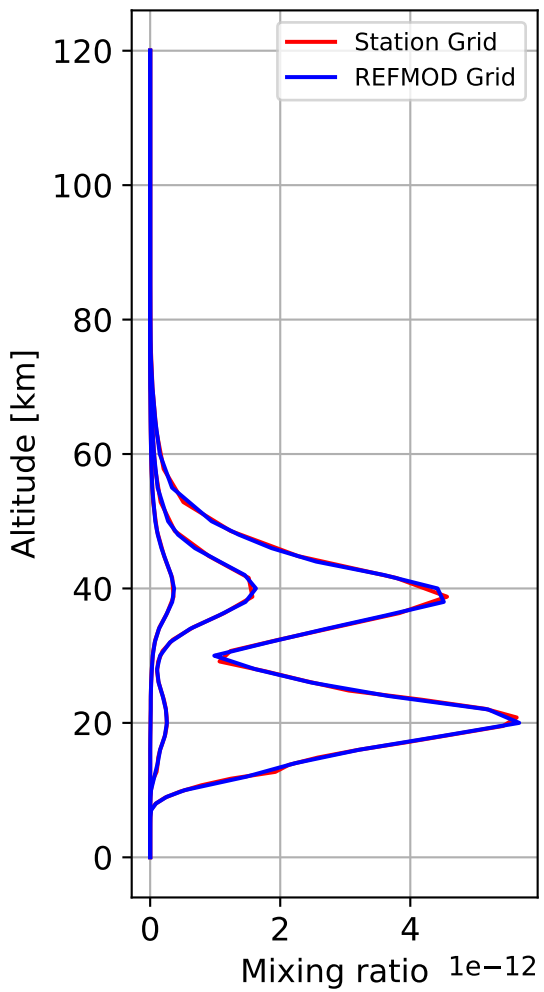
$1e-12$



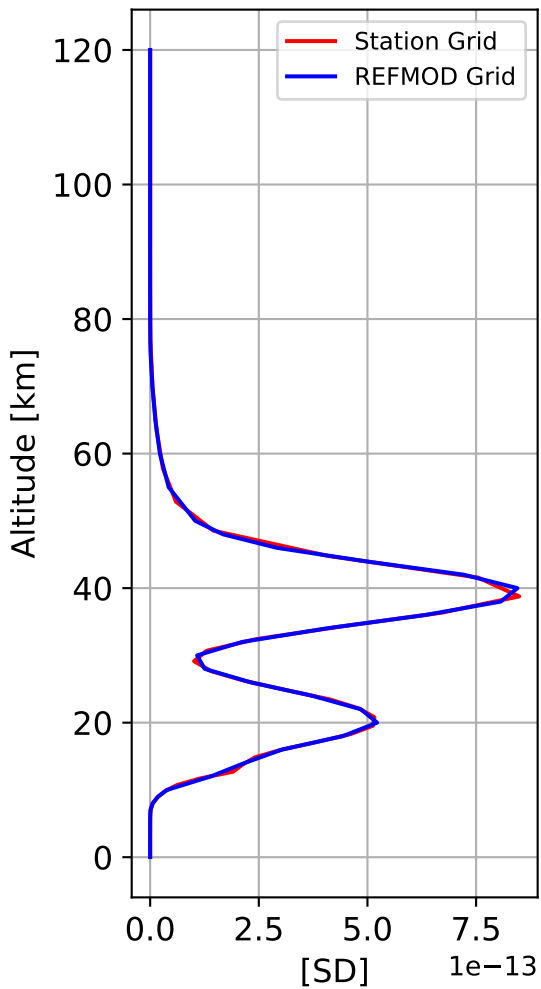
# Monthly mean WACCM profile (interpolated to station grid) Bremen, 53.1N, 8.9E, 0.027kmasl



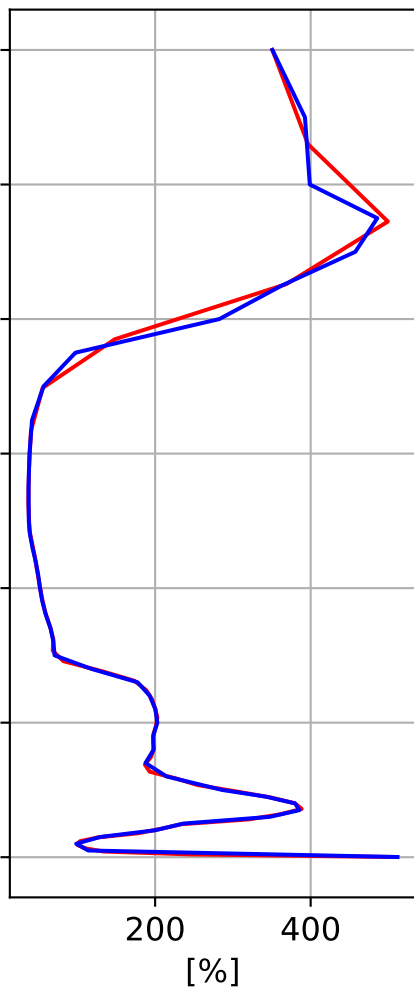
# Min, Max, Mean of 732 profiles Bremen, 53.1N, 8.9E, 0.027kmasl



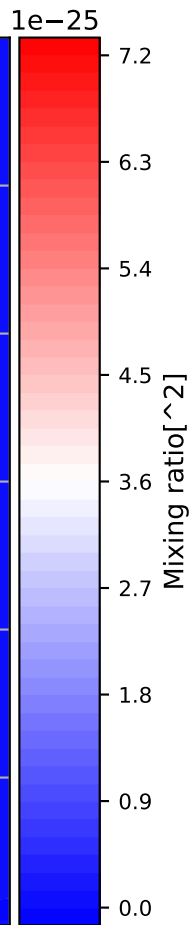
### Std. Deviation



### Percent Deviation



Level covariance matrix



Altitude [km]

120

100

80

60

40

20

20

40

60

80

100

120

Altitude [km]