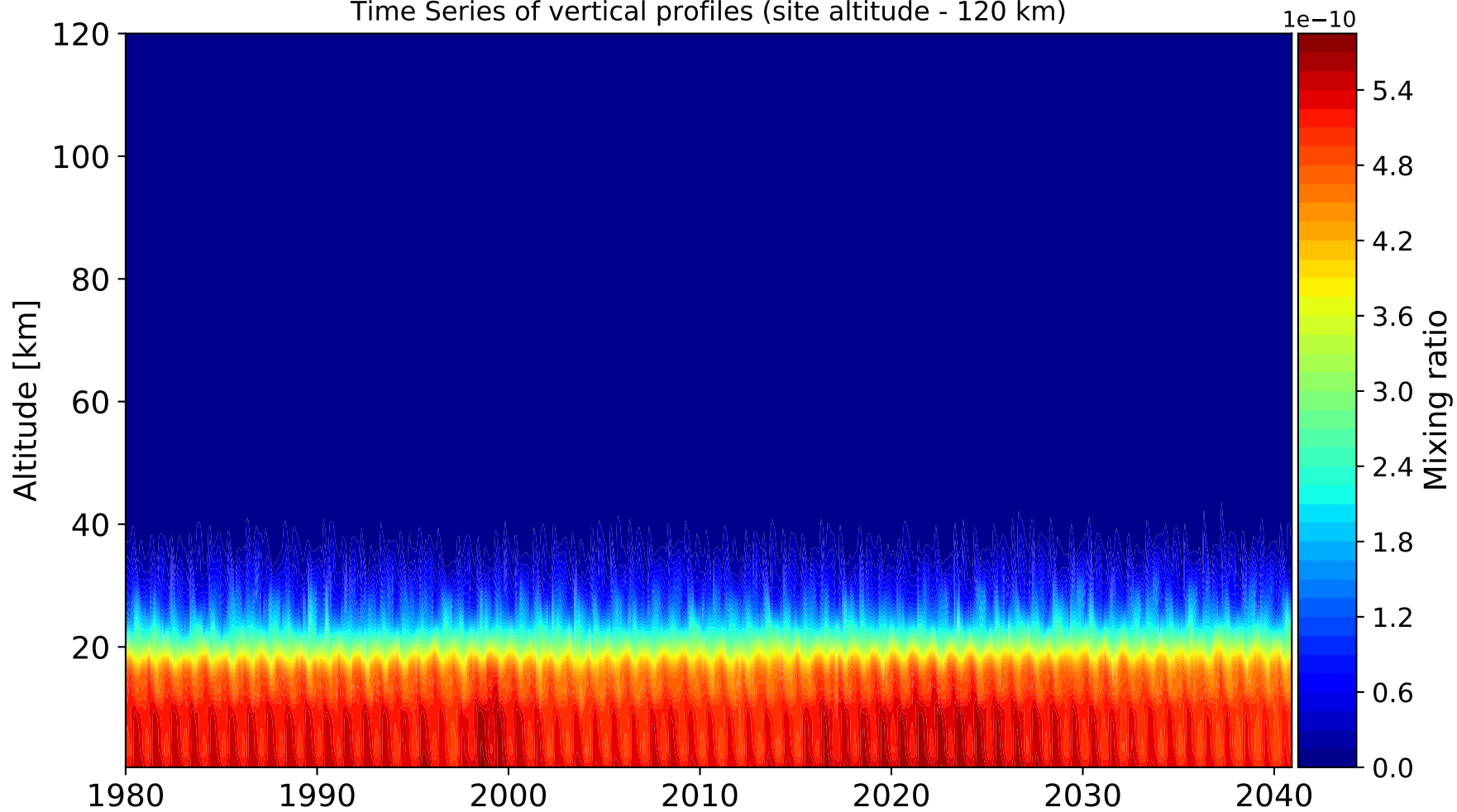
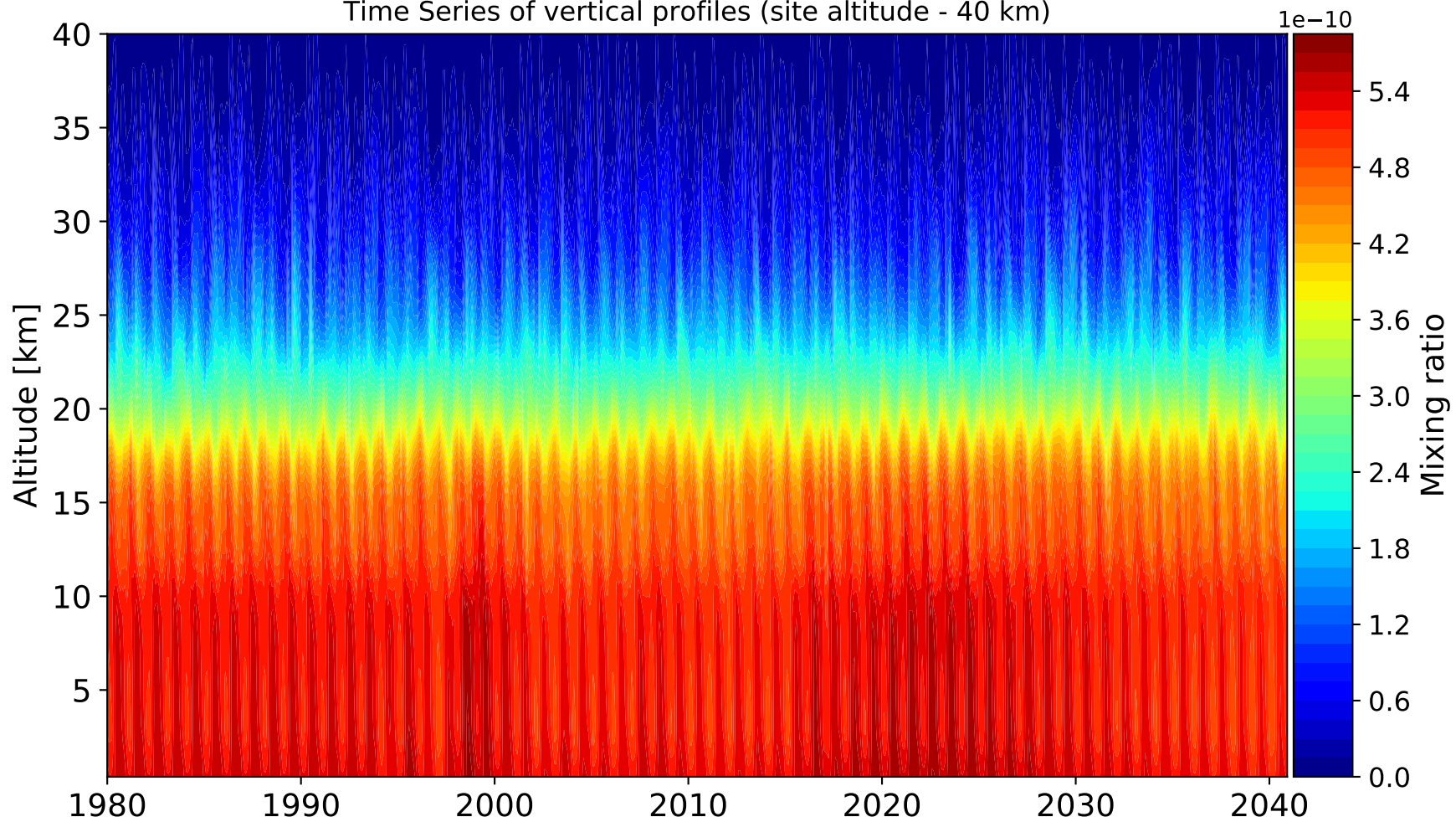


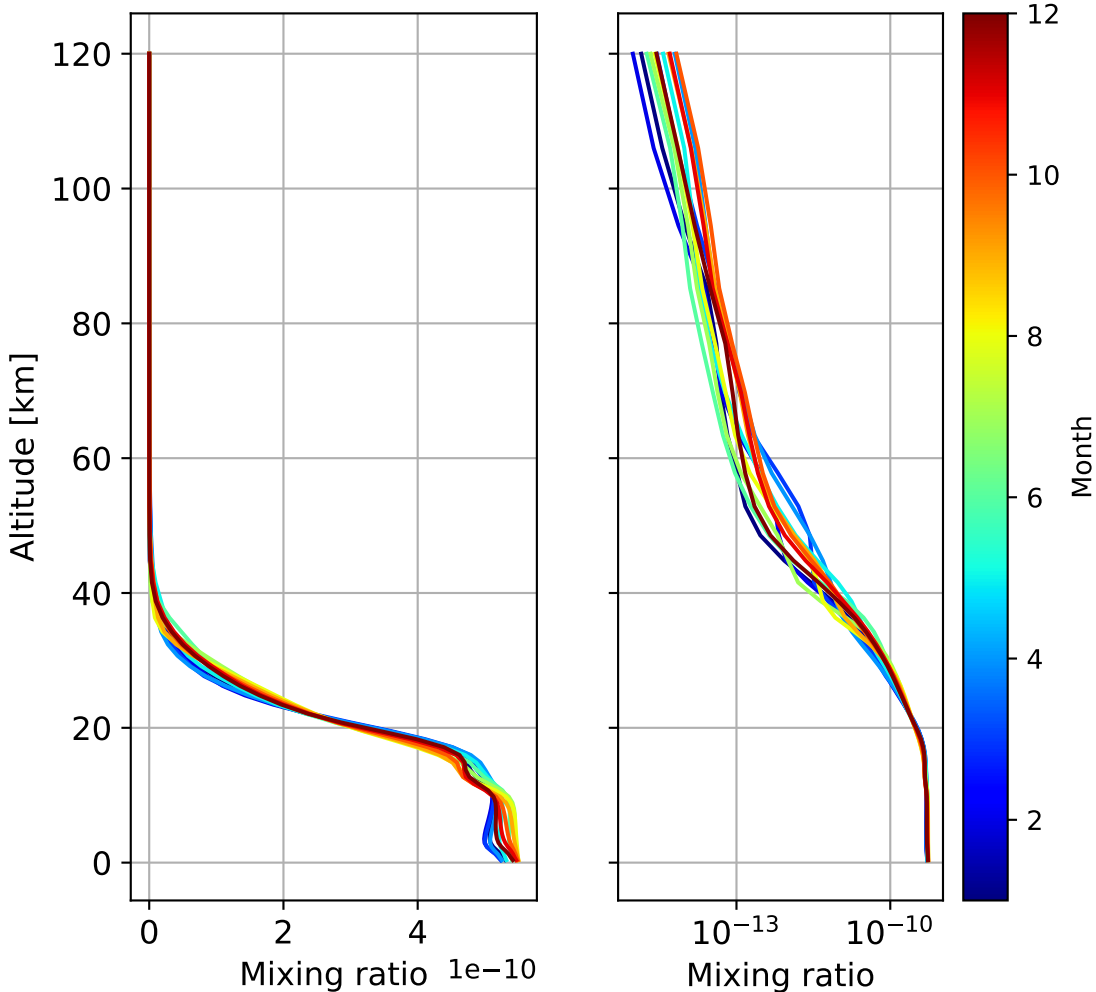
Time Series of vertical profiles (site altitude - 120 km)



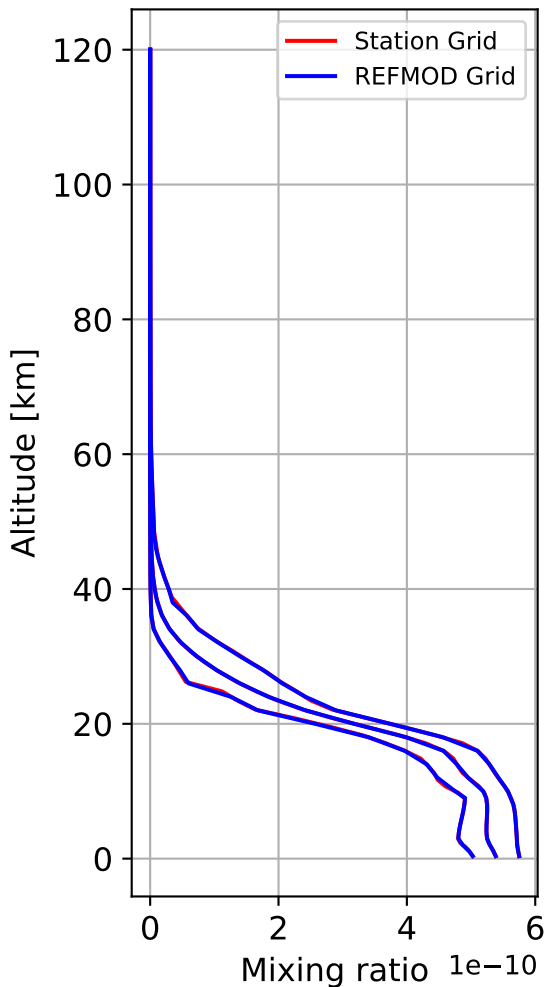
Time Series of vertical profiles (site altitude - 40 km)



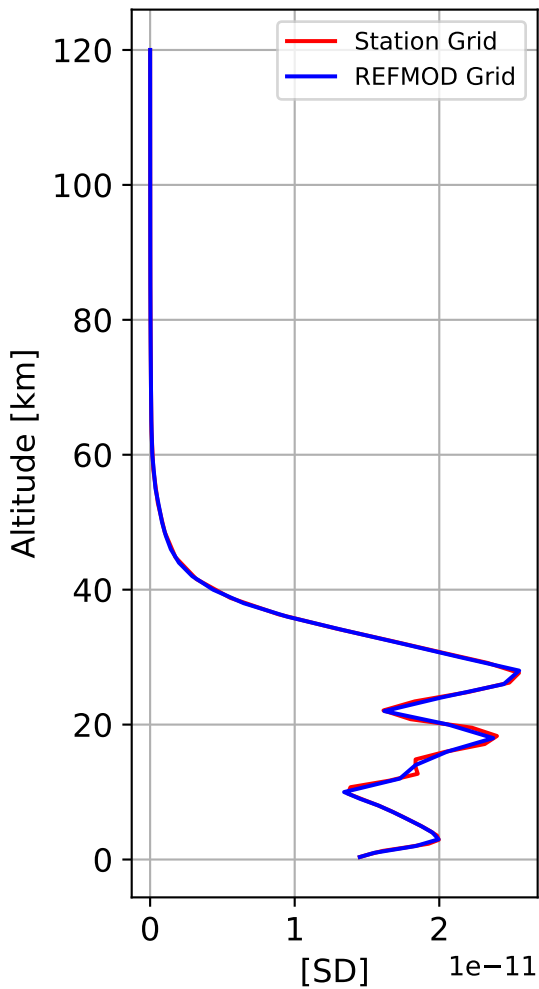
Monthly mean WACCM profile (interpolated to station grid) Lauder, -45.05N, 169.67E, 0.37kmasl



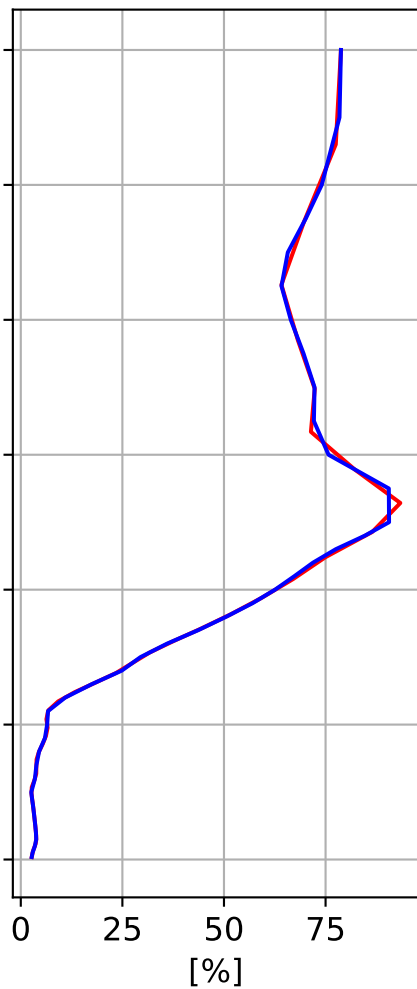
Min, Max, Mean of 732 profiles
Lauder, -45.05N, 169.67E, 0.37kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

$1e-22$

Altitude [km]

120

100

80

60

40

20

20

Altitude [km]

40

60

80

100

120

6

5

4

3

2

1

0

-1

-2

-3

Mixing ratio[~ 2]

