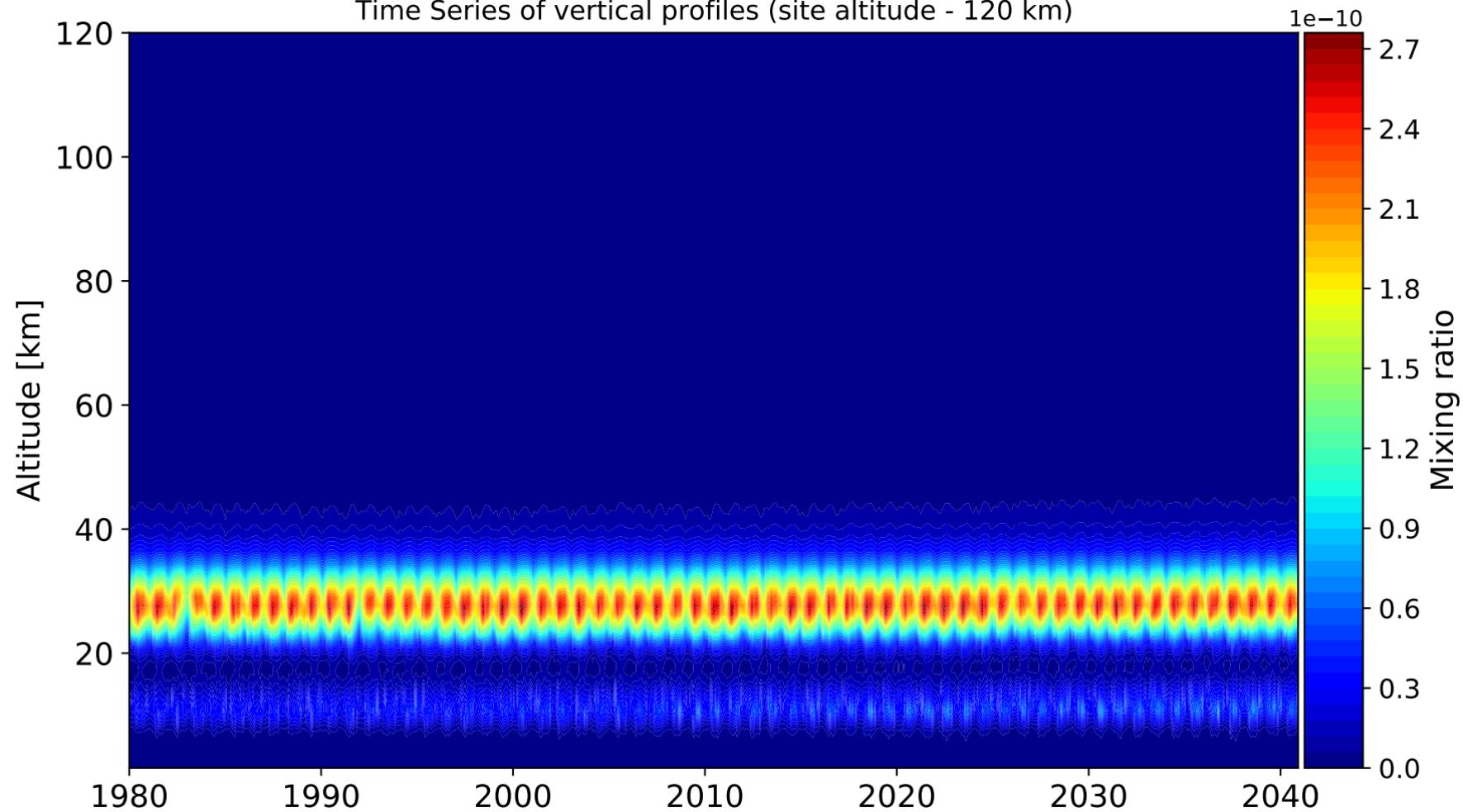
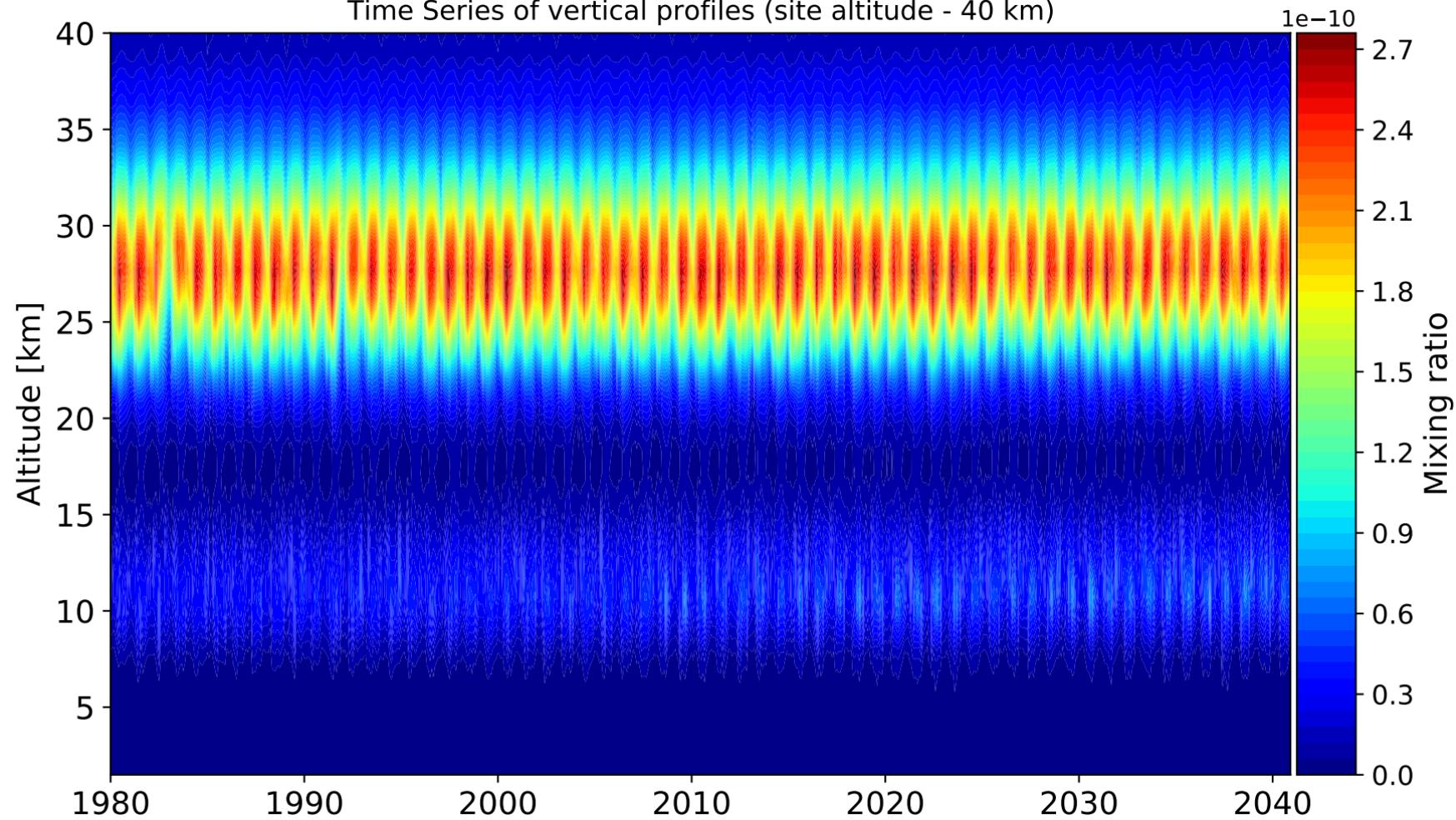


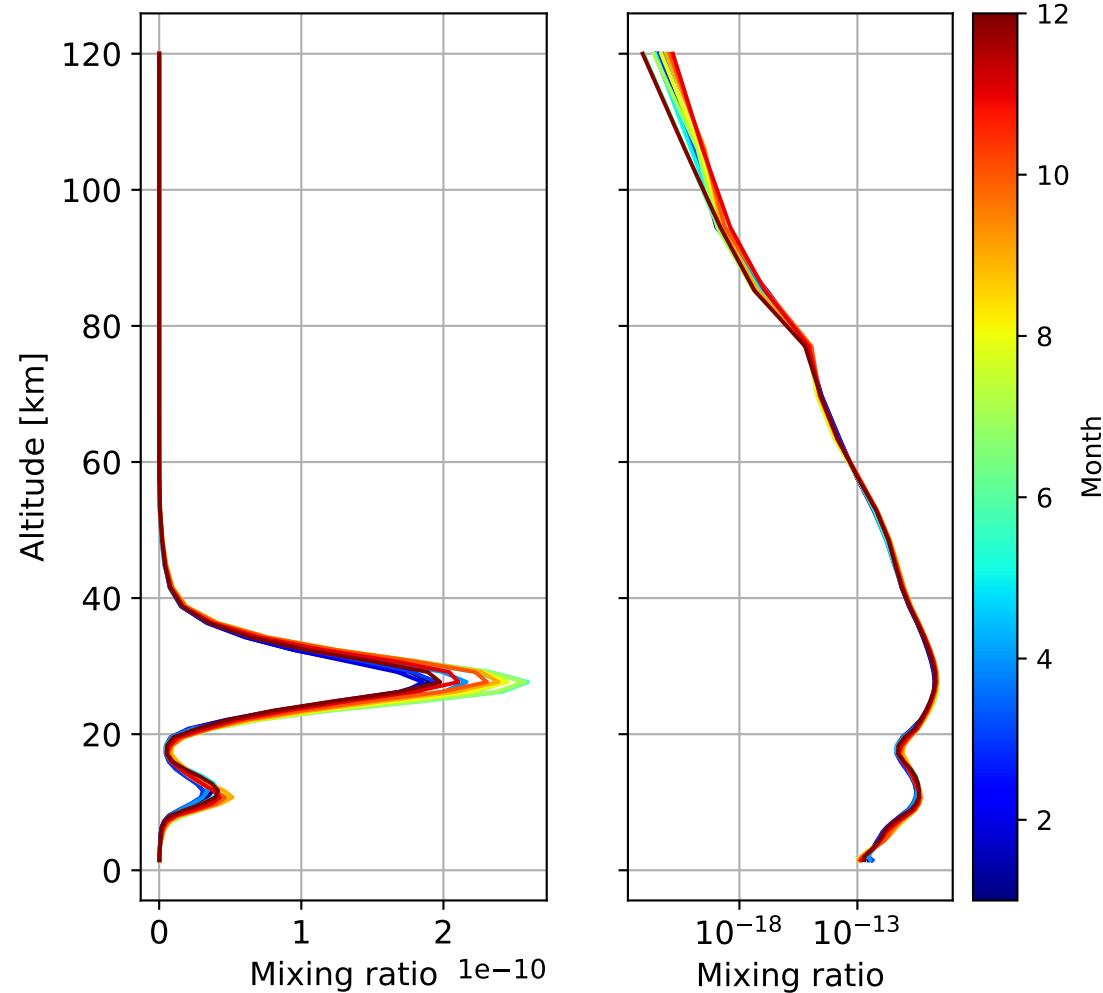
Time Series of vertical profiles (site altitude - 120 km)



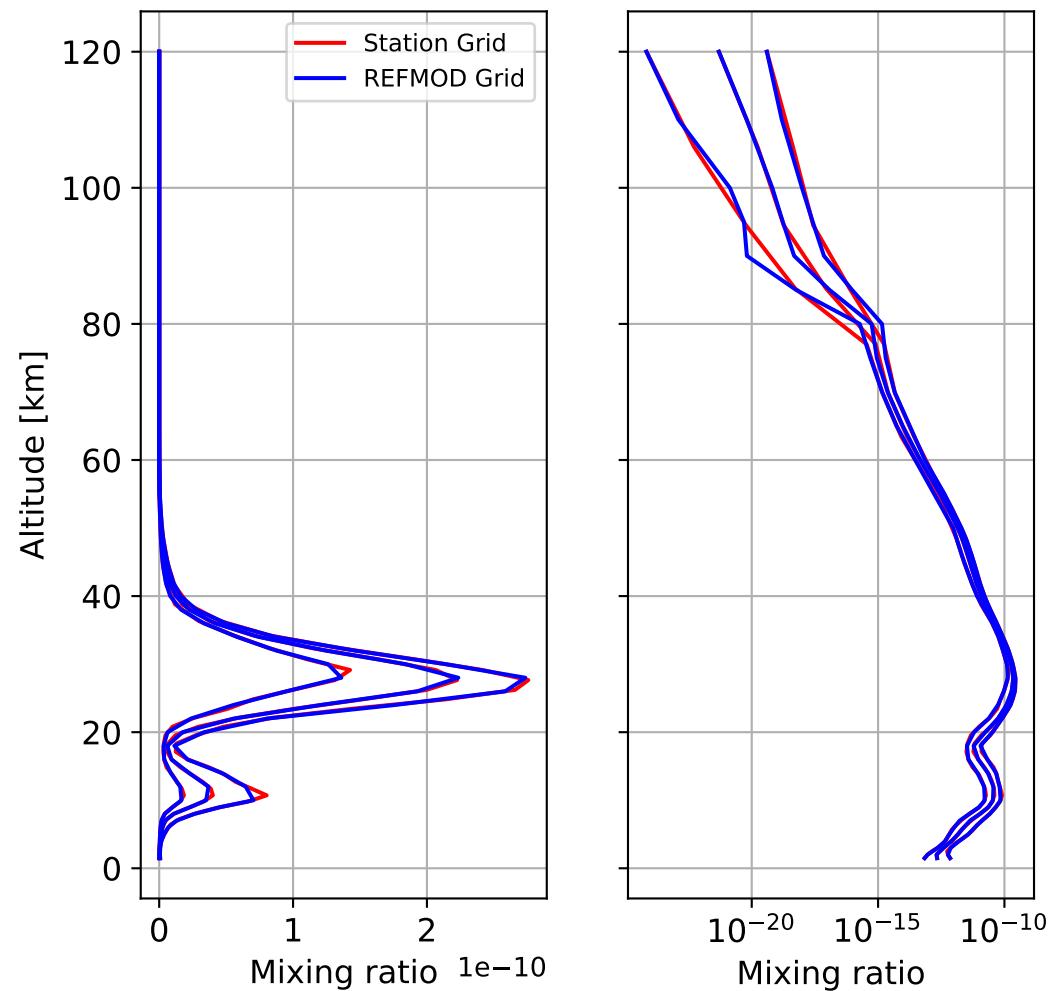
Time Series of vertical profiles (site altitude - 40 km)



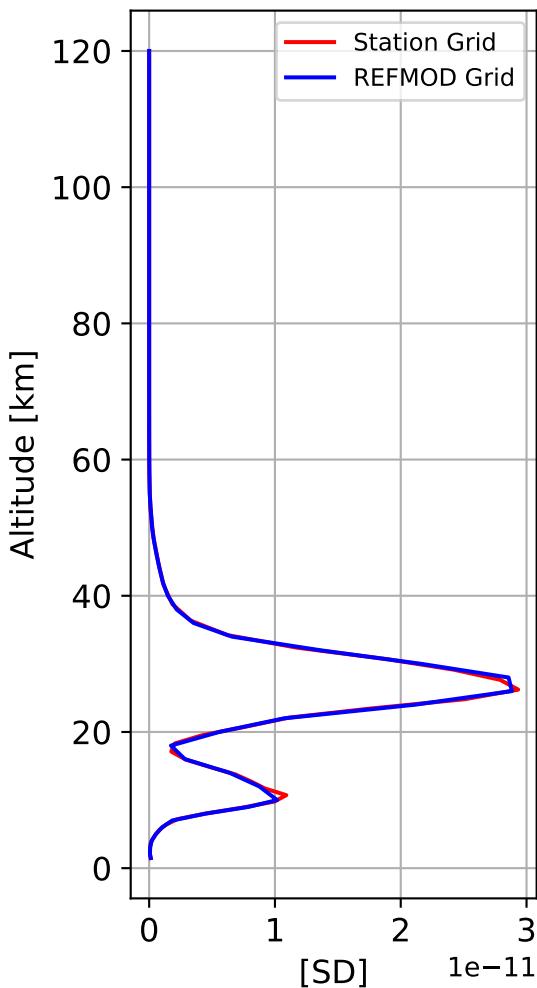
Montly mean WACCM profile (interpolated to station grid)
Harare, 17.83N, 31.05E, 1.49kmasl



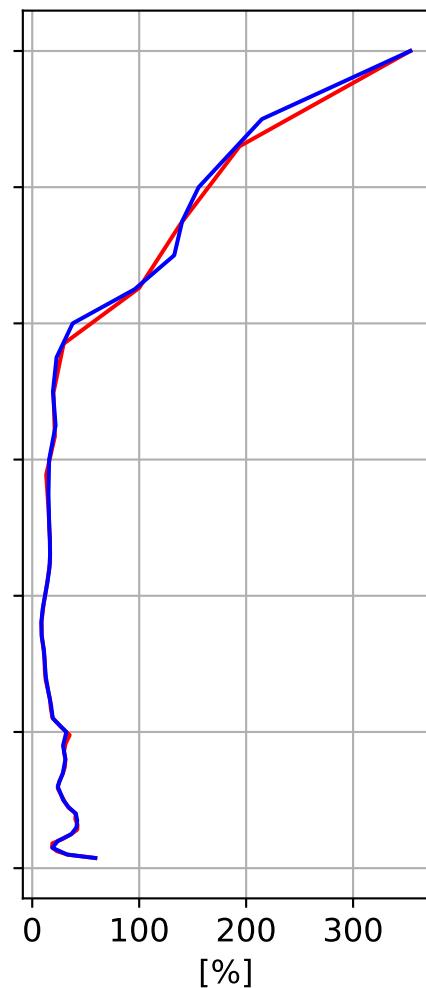
Min, Max, Mean of 732 profiles
Harare, 17.83N, 31.05E, 1.49kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

 $1e-22$

Altitude [km]

120

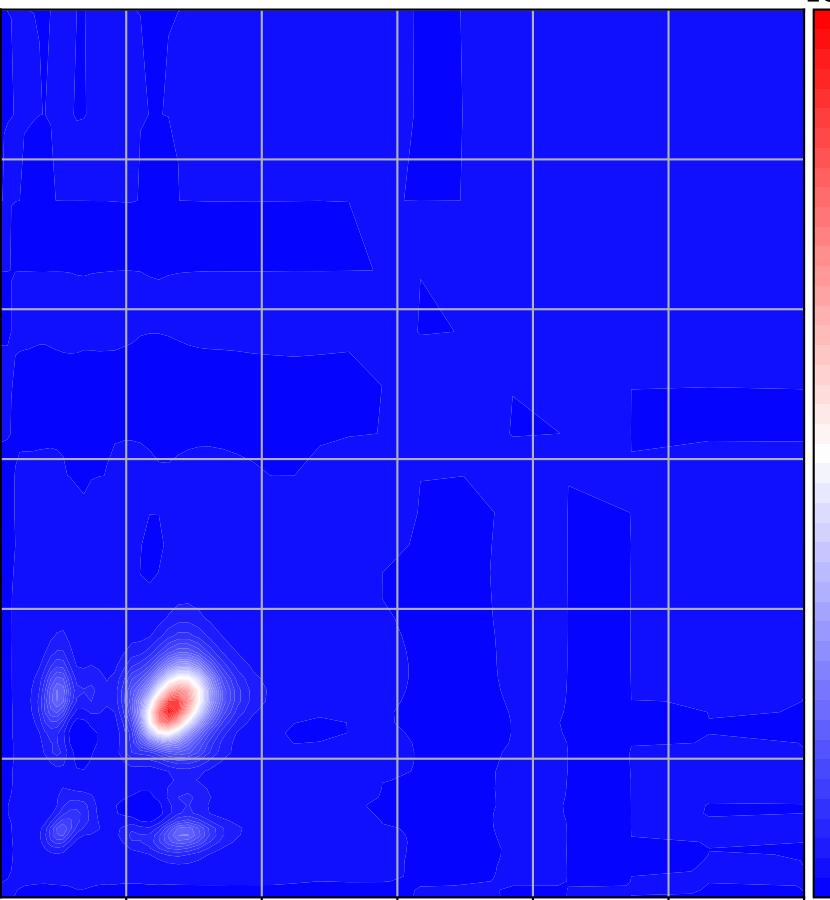
100

80

60

40

20



Mixing ratio[~2]

8

7

6

5

4

3

2

1

0