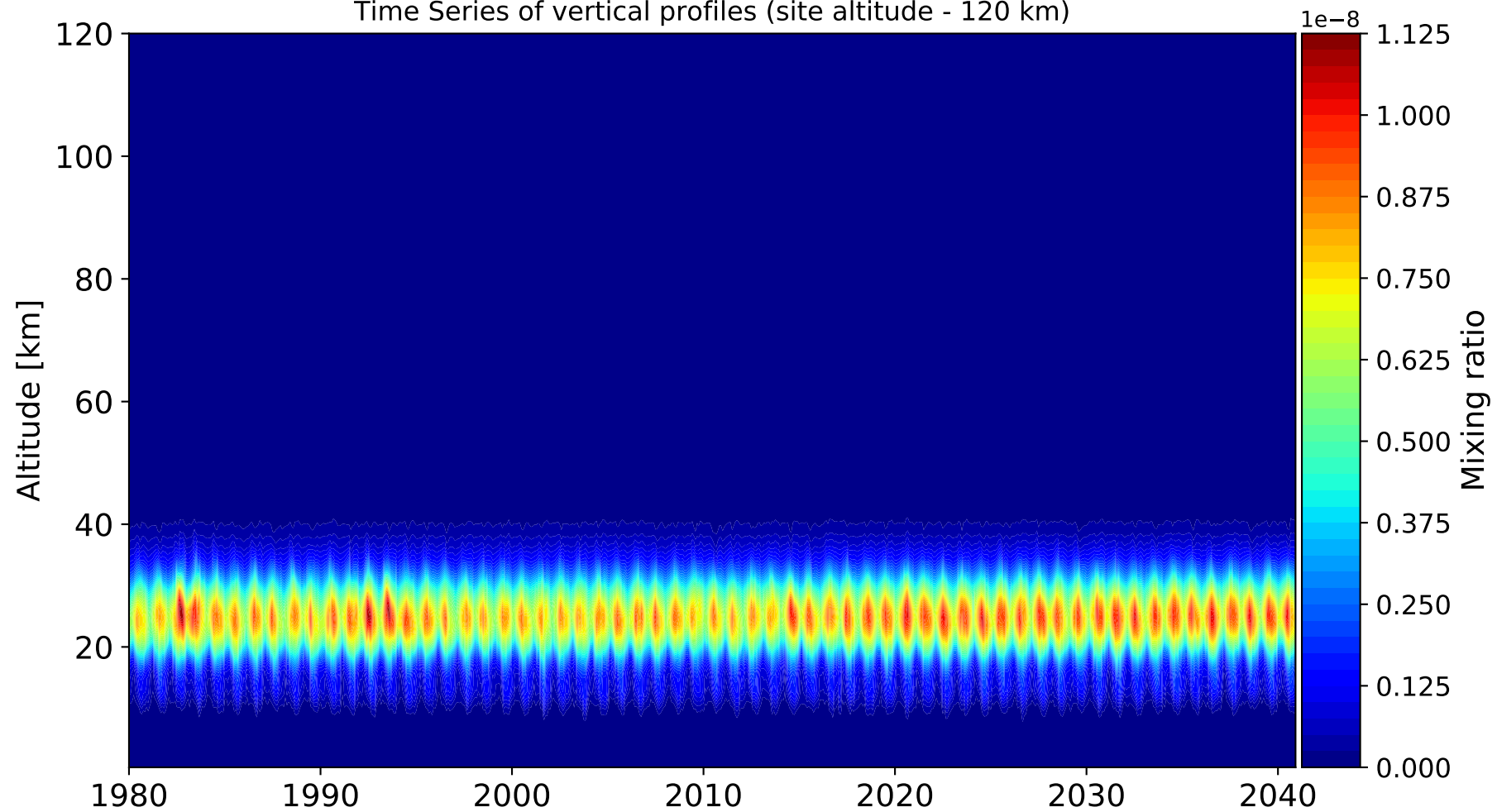
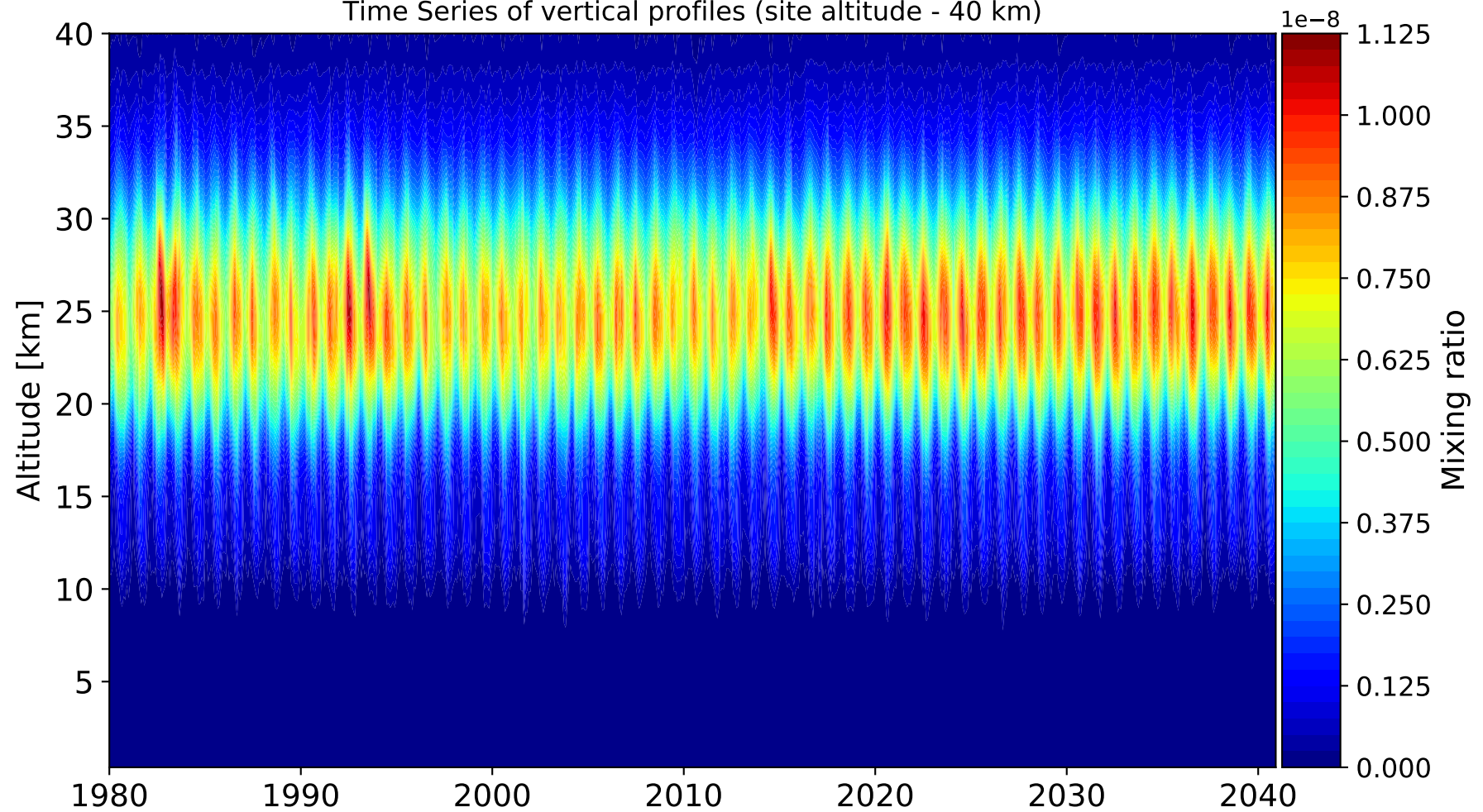


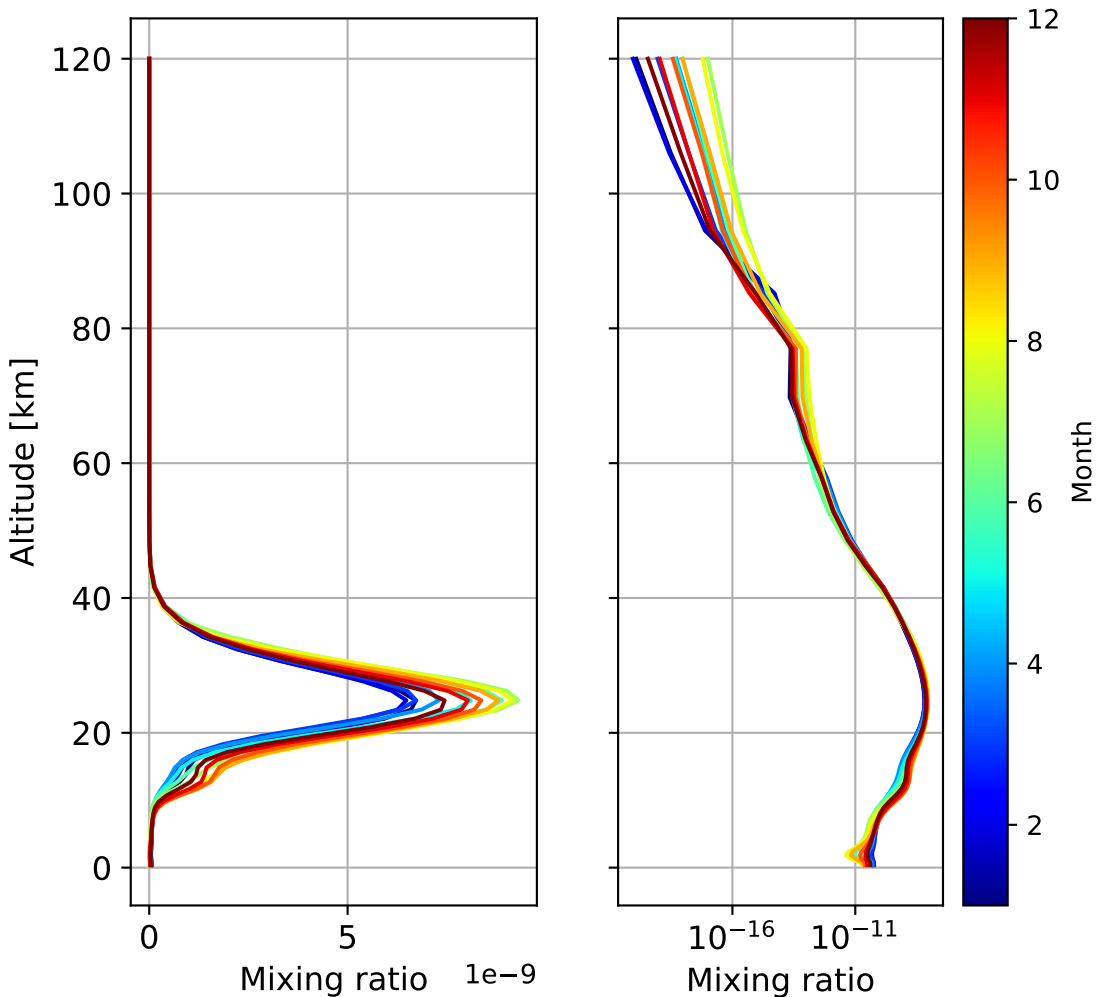
Time Series of vertical profiles (site altitude - 120 km)



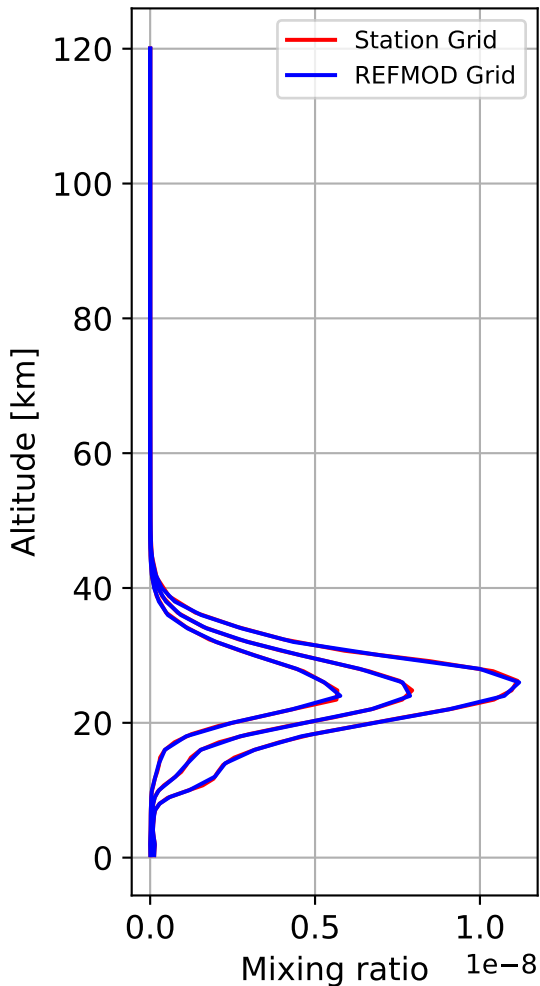
Time Series of vertical profiles (site altitude - 40 km)



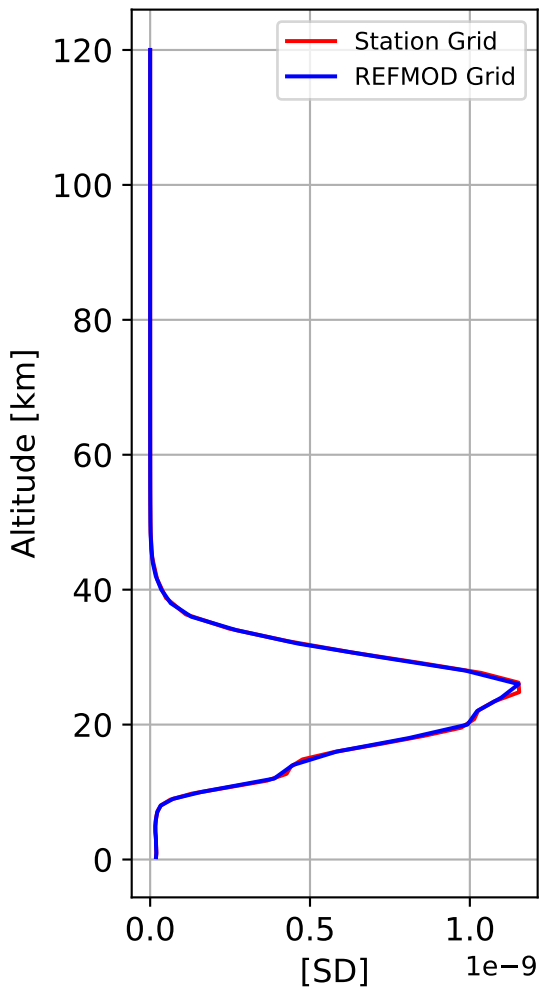
Monthly mean WACCM profile (interpolated to station grid) Lauder, -45.05N, 169.67E, 0.37kmasl



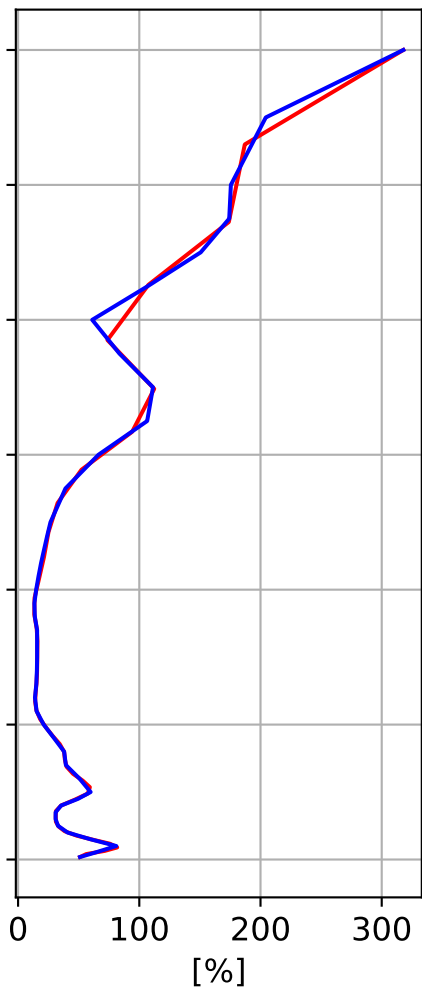
Min, Max, Mean of 732 profiles
Lauder, -45.05N, 169.67E, 0.37kmasl



Std. Deviation



Percent Deviation

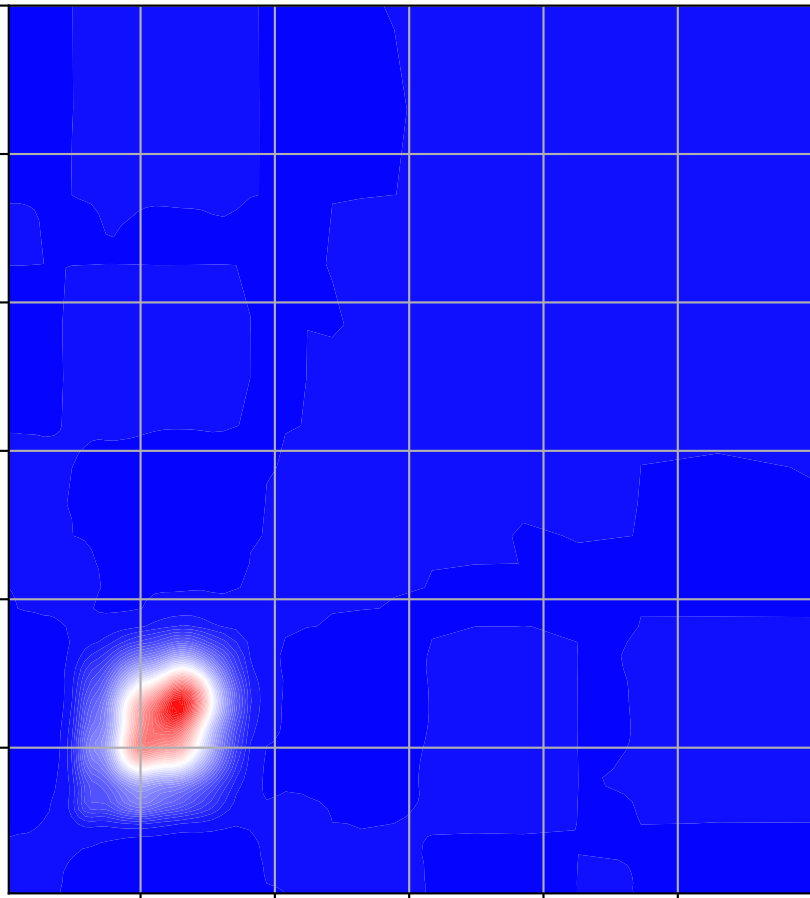


Level covariance matrix

1e-18

Altitude [km]

120
100
80
60
40
20



Mixing ratio[^2]

1.35
1.20
1.05
0.90
0.75
0.60
0.45
0.30
0.15
0.00

Altitude [km]