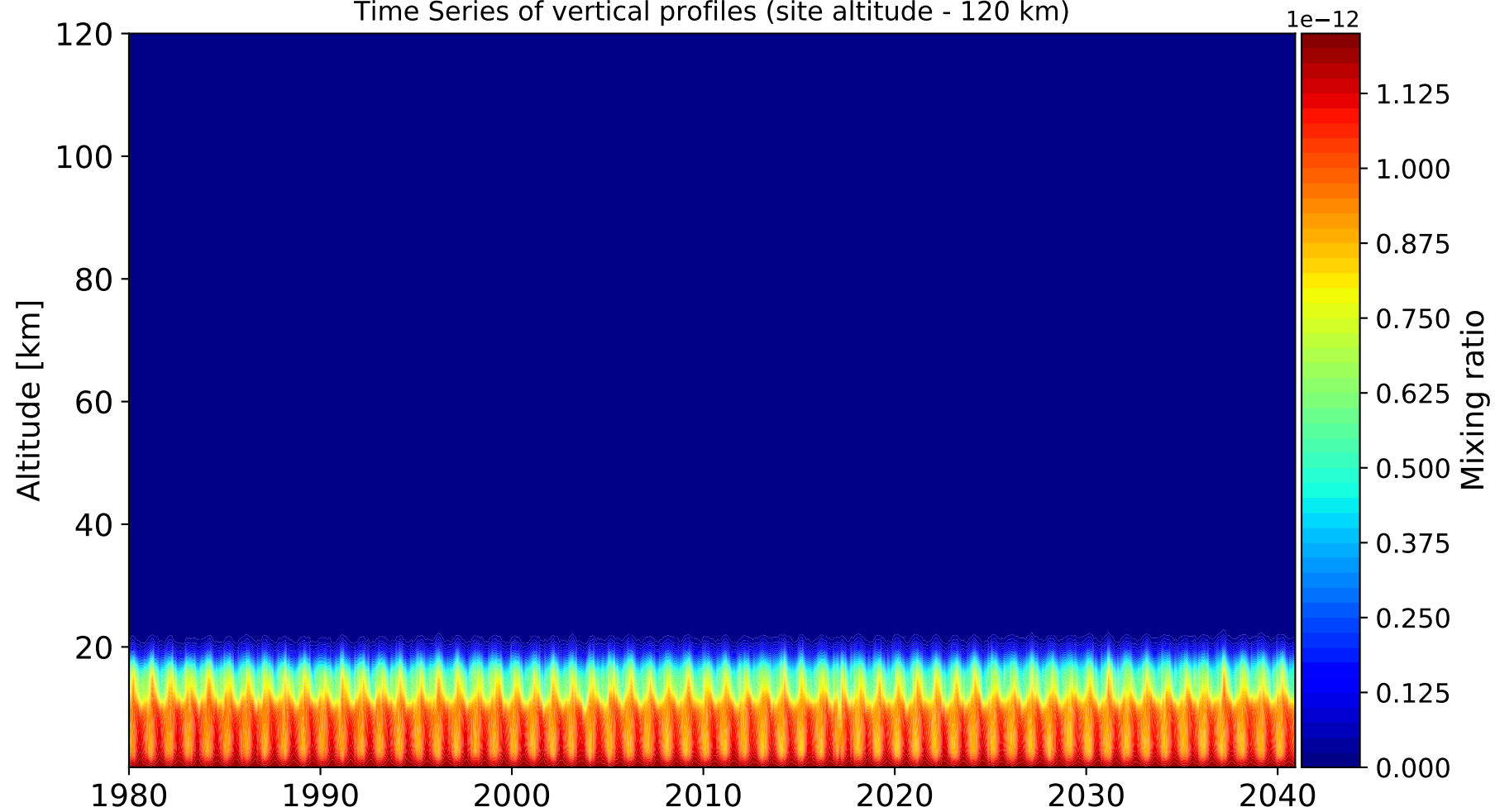
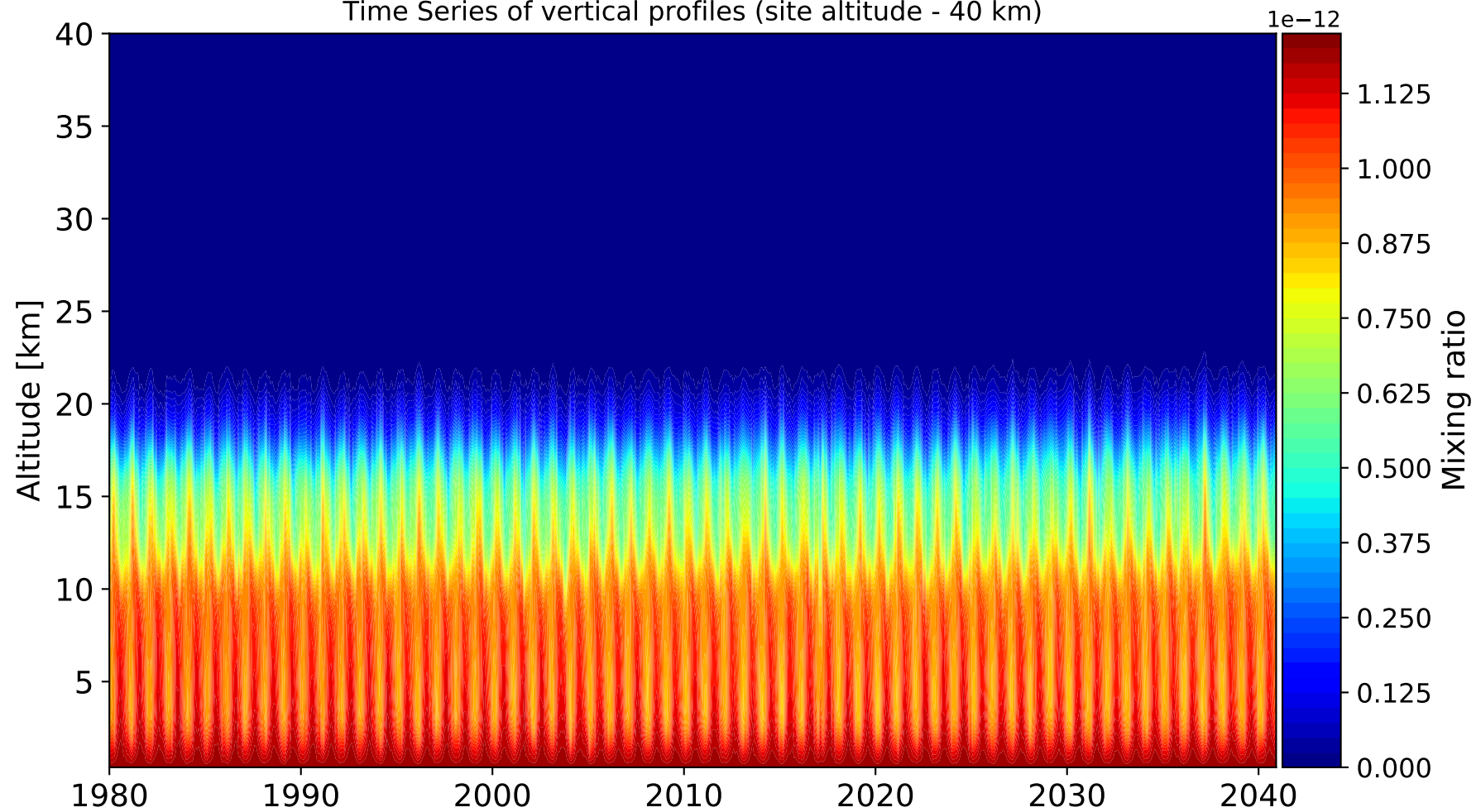


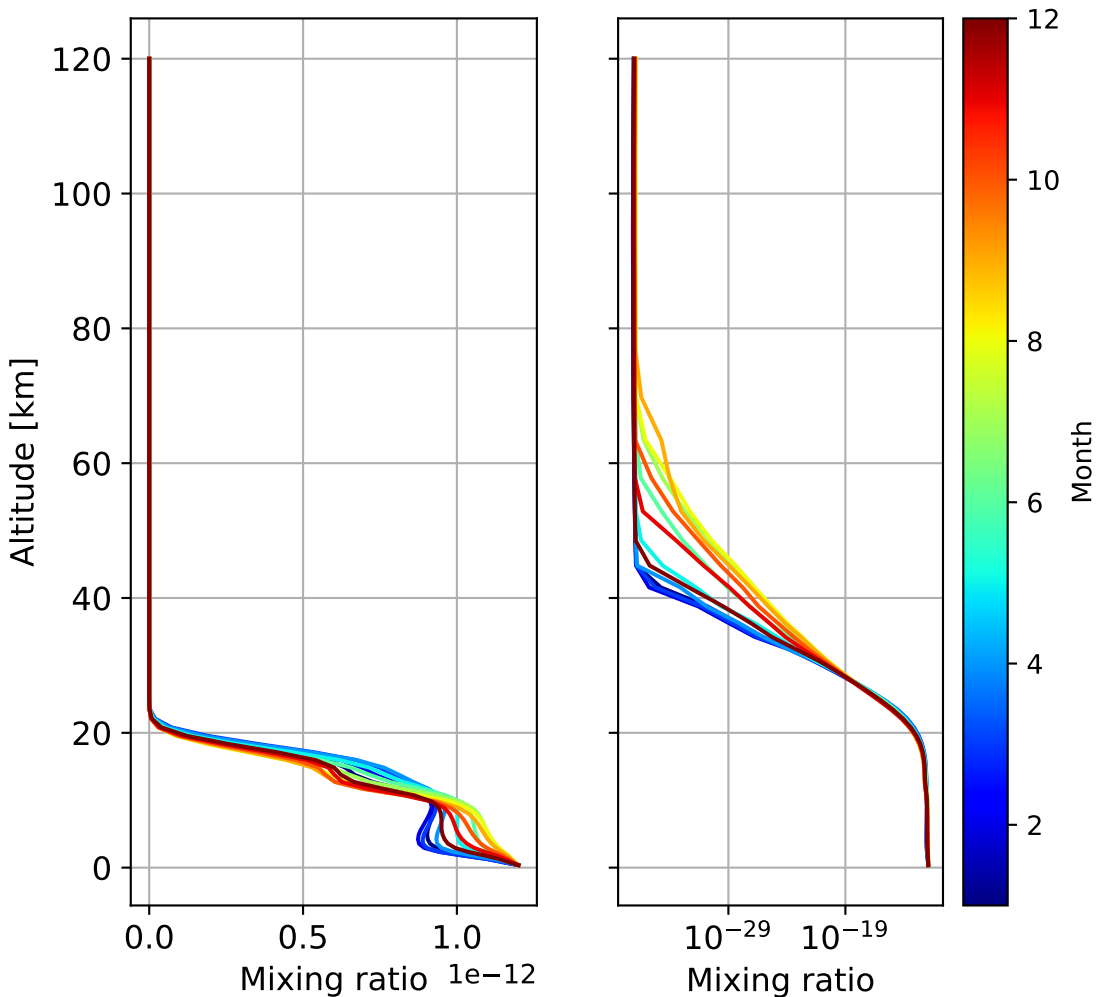
Time Series of vertical profiles (site altitude - 120 km)



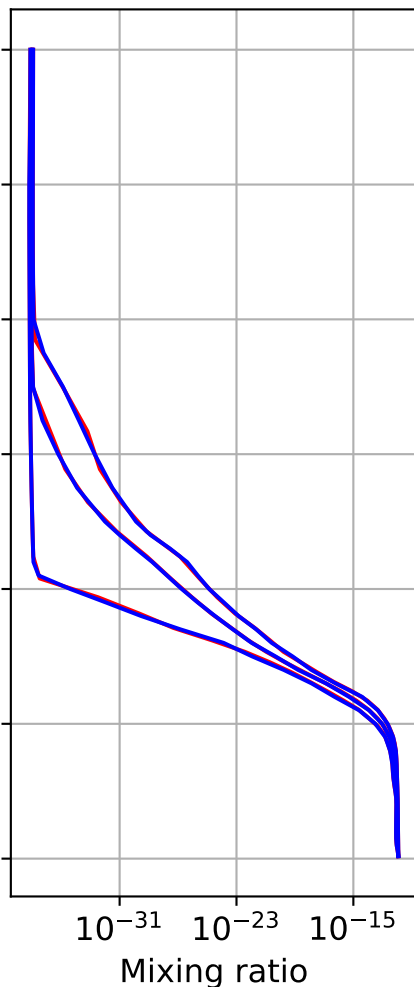
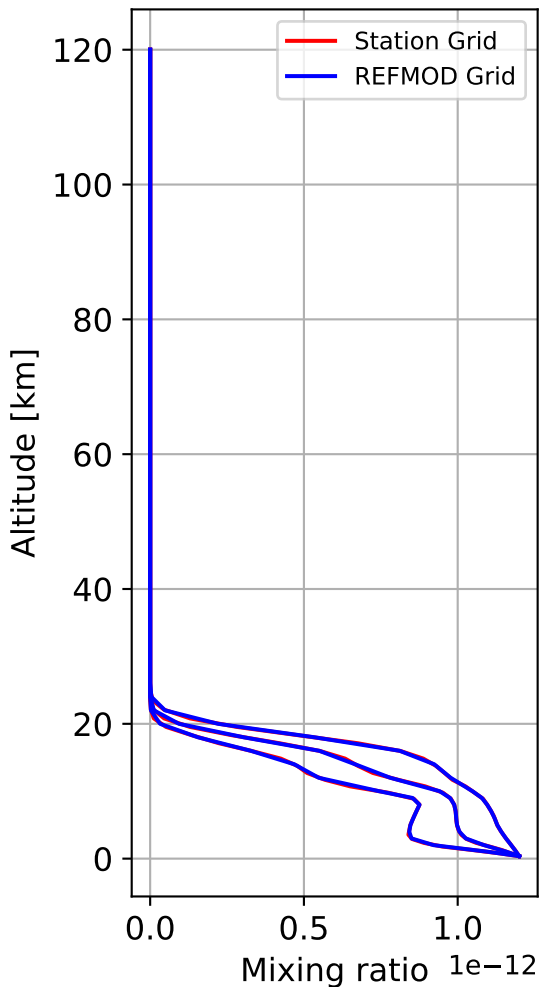
Time Series of vertical profiles (site altitude - 40 km)



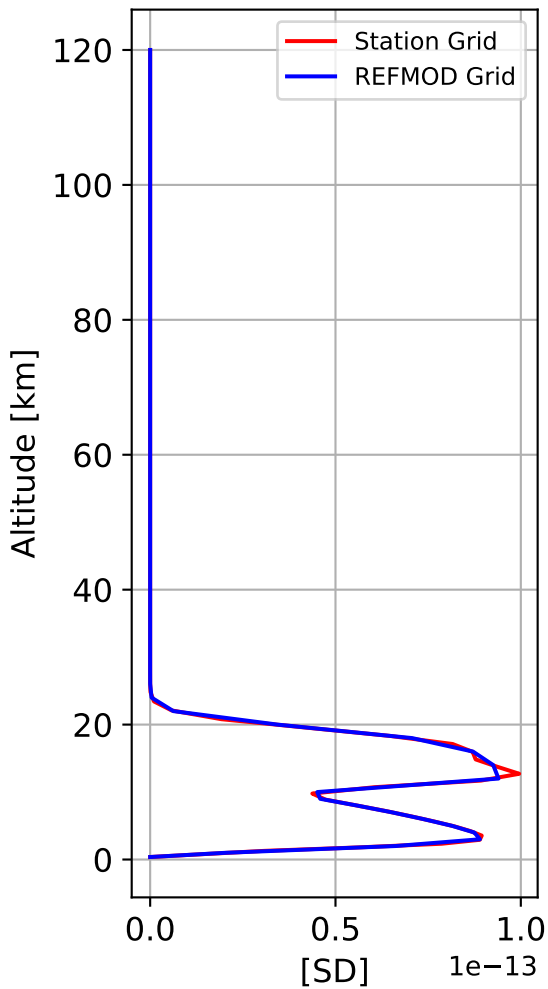
Monthly mean WACCM profile (interpolated to station grid) Lauder, -45.05N, 169.67E, 0.37kmasl



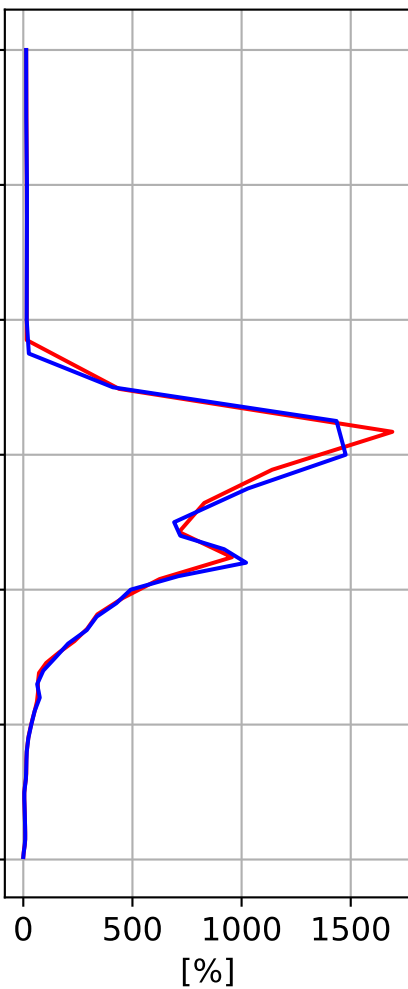
Min, Max, Mean of 732 profiles
Lauder, -45.05N, 169.67E, 0.37kmasl



Std. Deviation



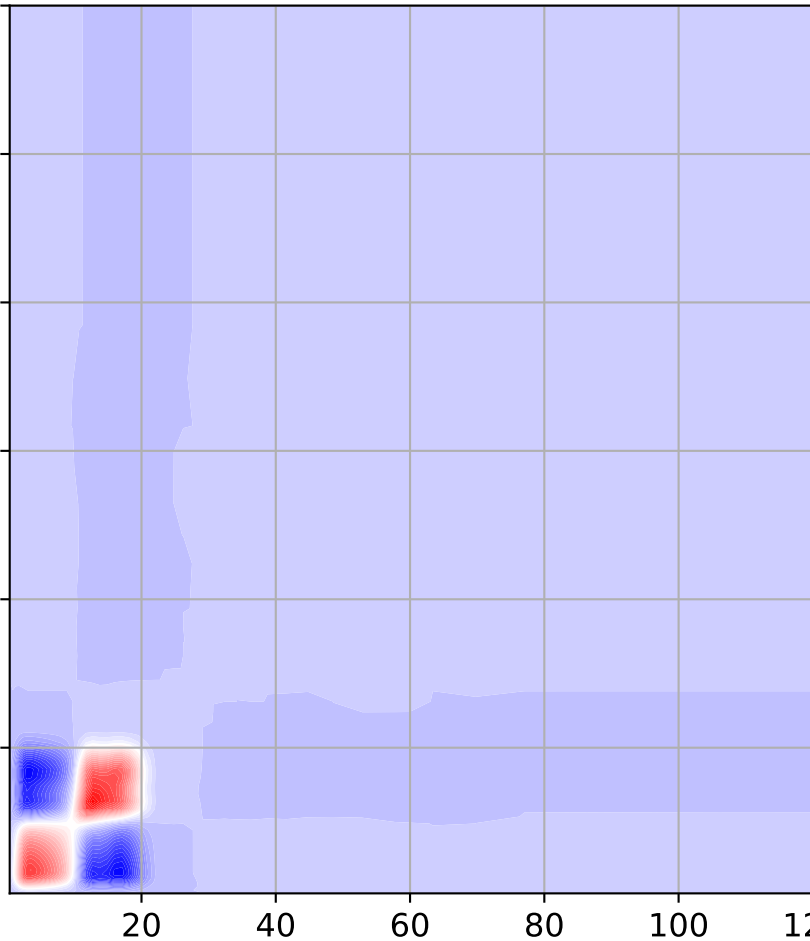
Percent Deviation



Level covariance matrix

 $1e-26$

Altitude [km]

120
100
80
60
40
20

Altitude [km]

1.0
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-0.6