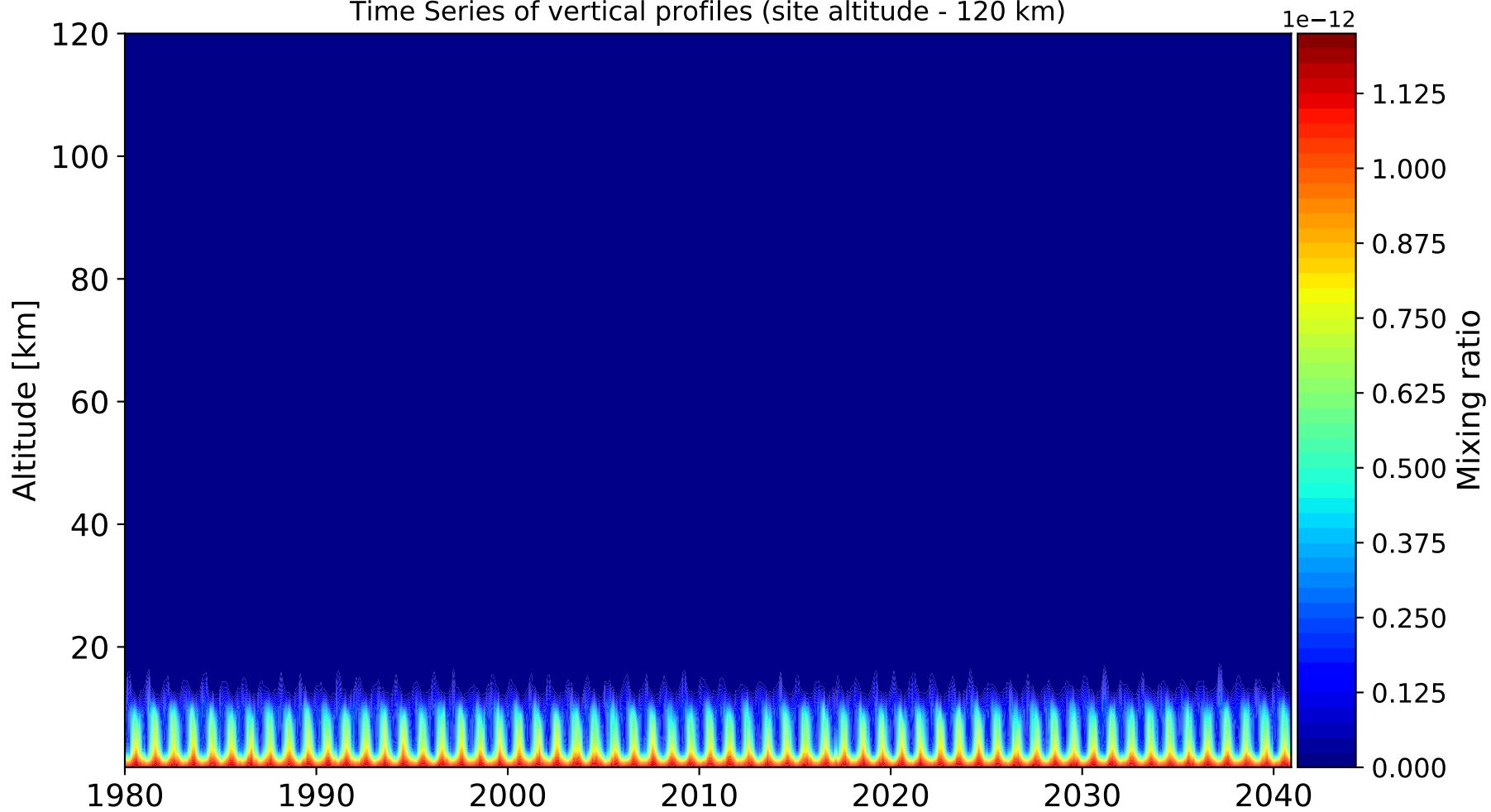
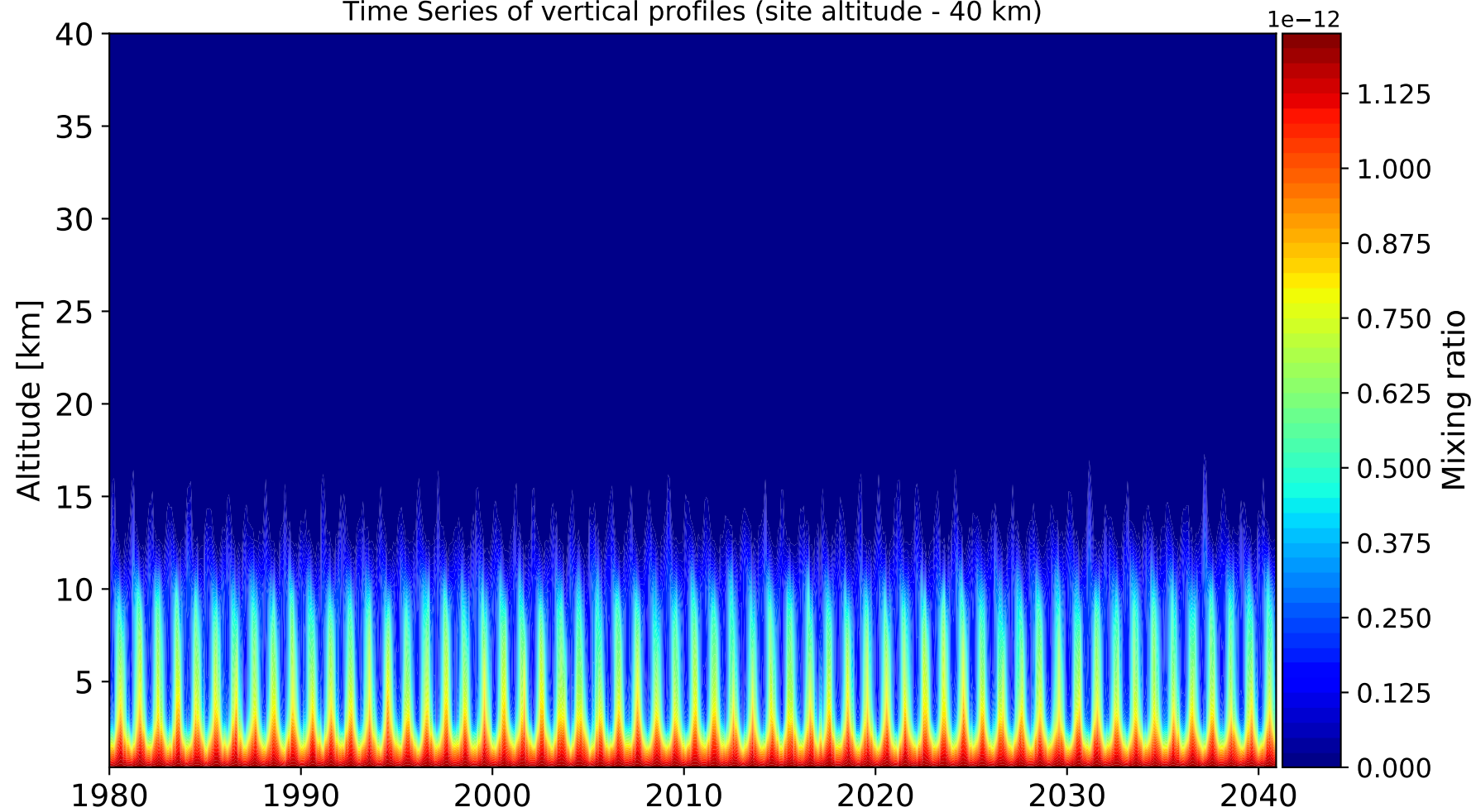


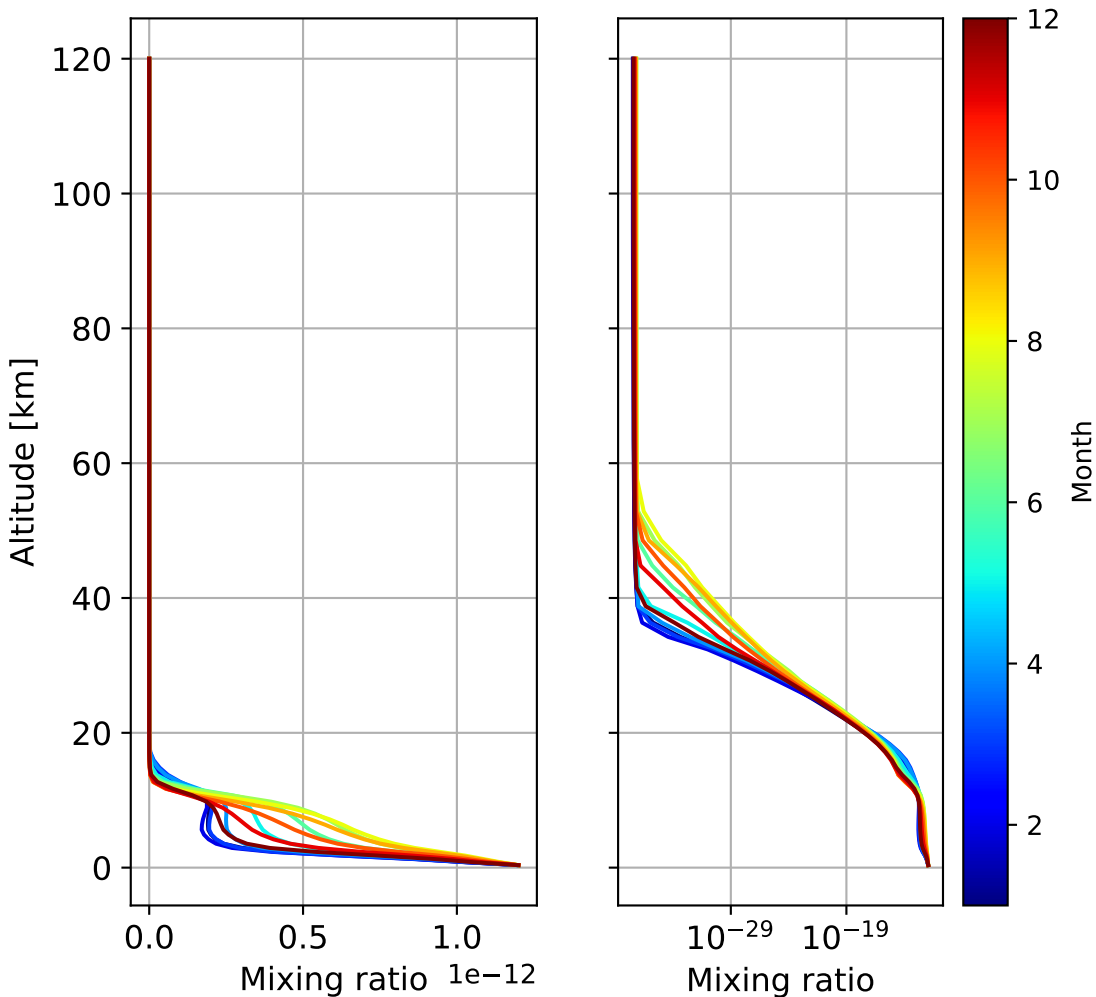
Time Series of vertical profiles (site altitude - 120 km)



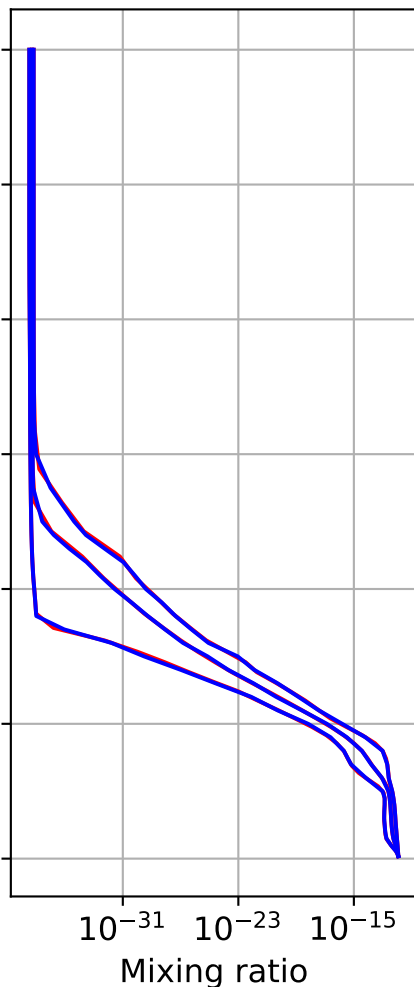
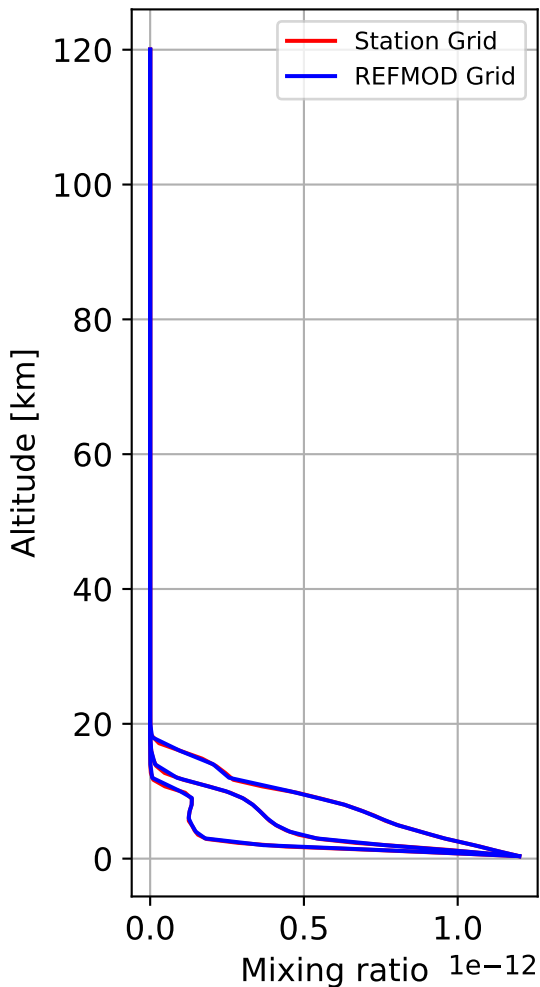
Time Series of vertical profiles (site altitude - 40 km)



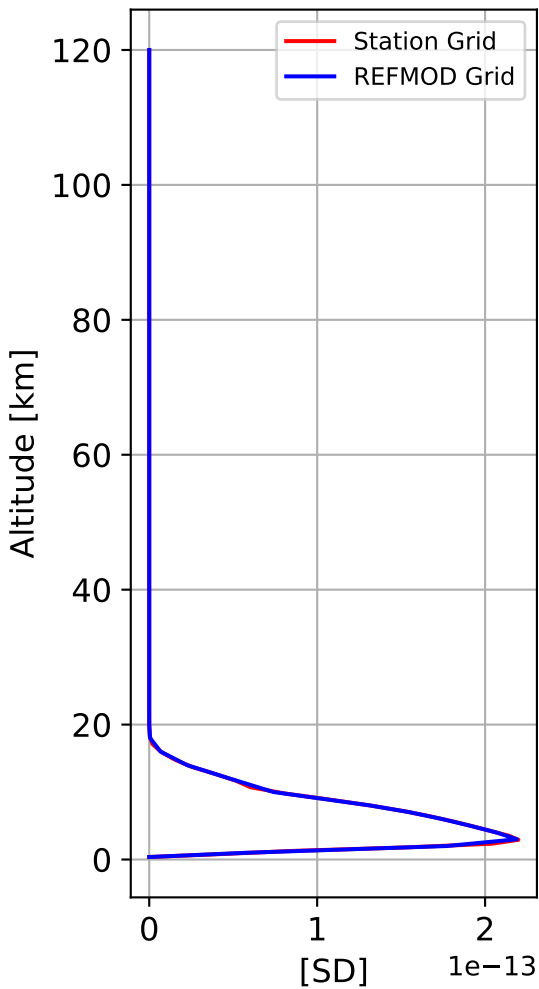
Monthly mean WACCM profile (interpolated to station grid) Lauder, -45.05N, 169.67E, 0.37kmasl



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



Std. Deviation



Percent Deviation

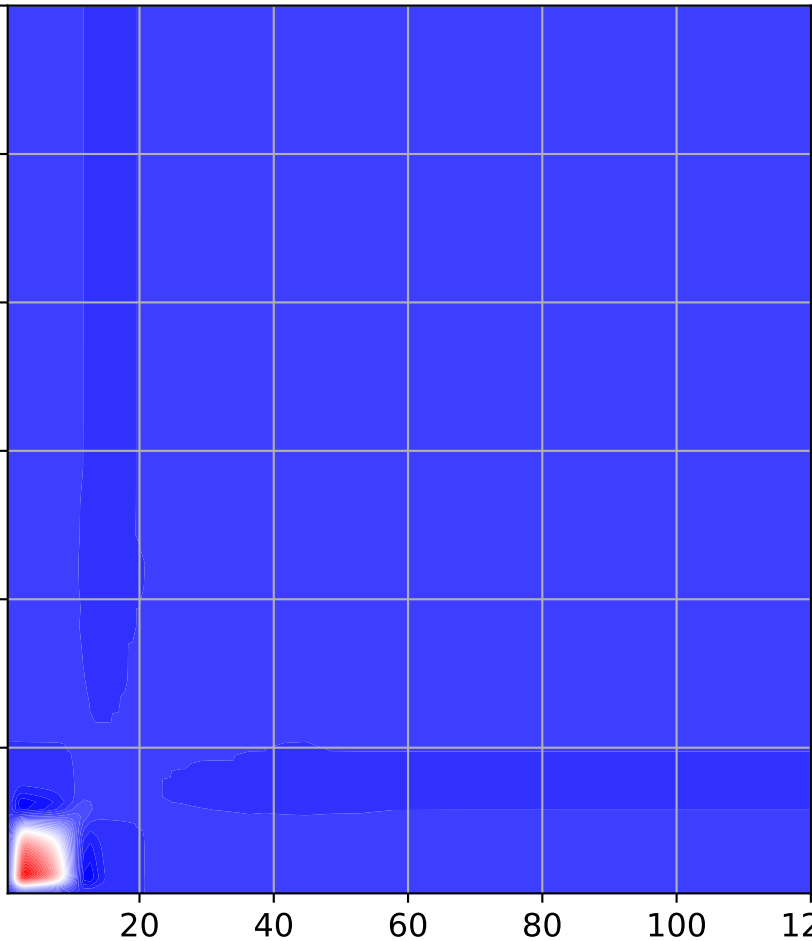


Level covariance matrix

$1e-26$

Altitude [km]

120
100
80
60
40
20



Mixing ratio[~ 2]

4.8
4.2
3.6
3.0
2.4
1.8
1.2
0.6
0.0
-0.6

Altitude [km]