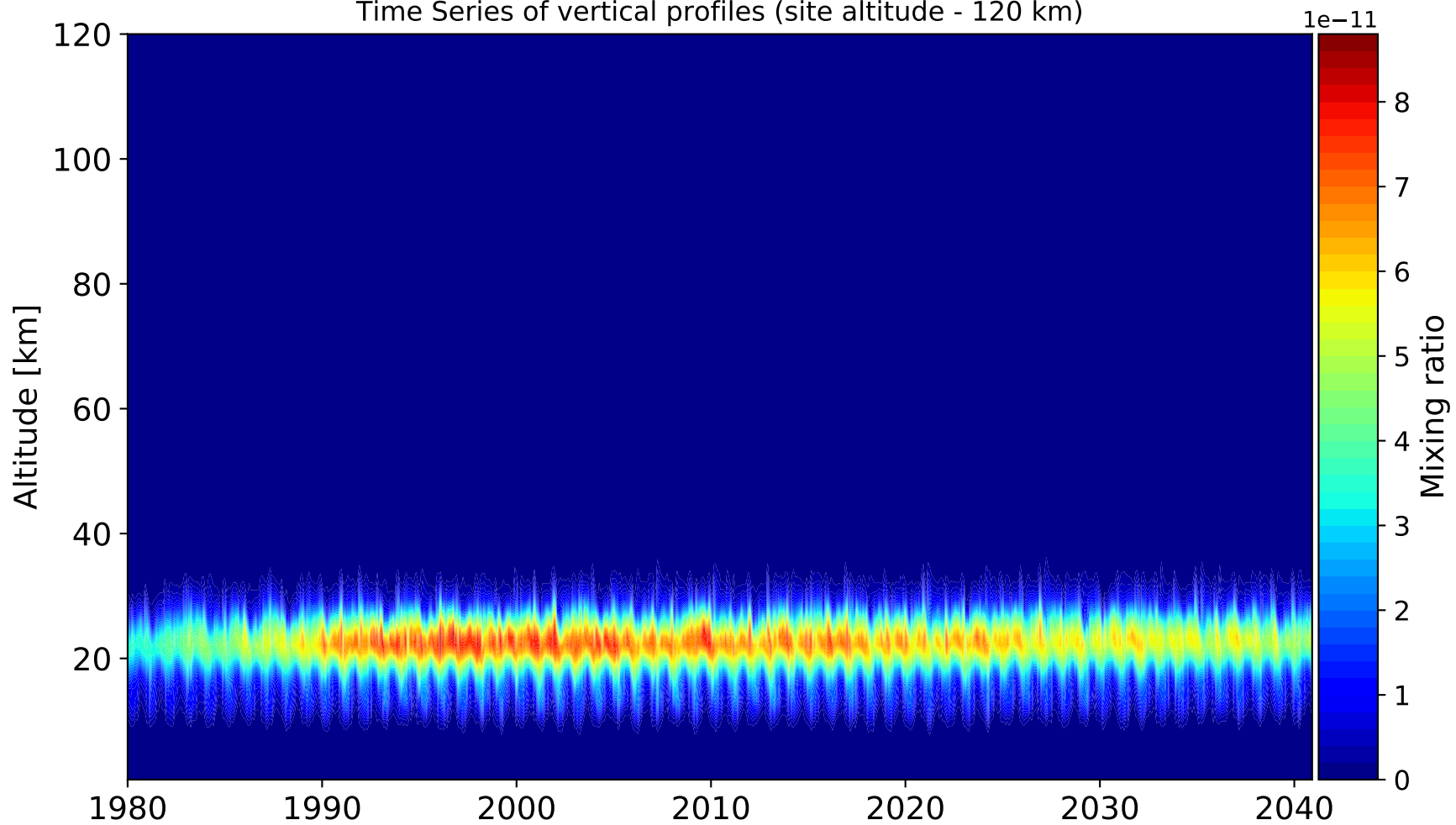
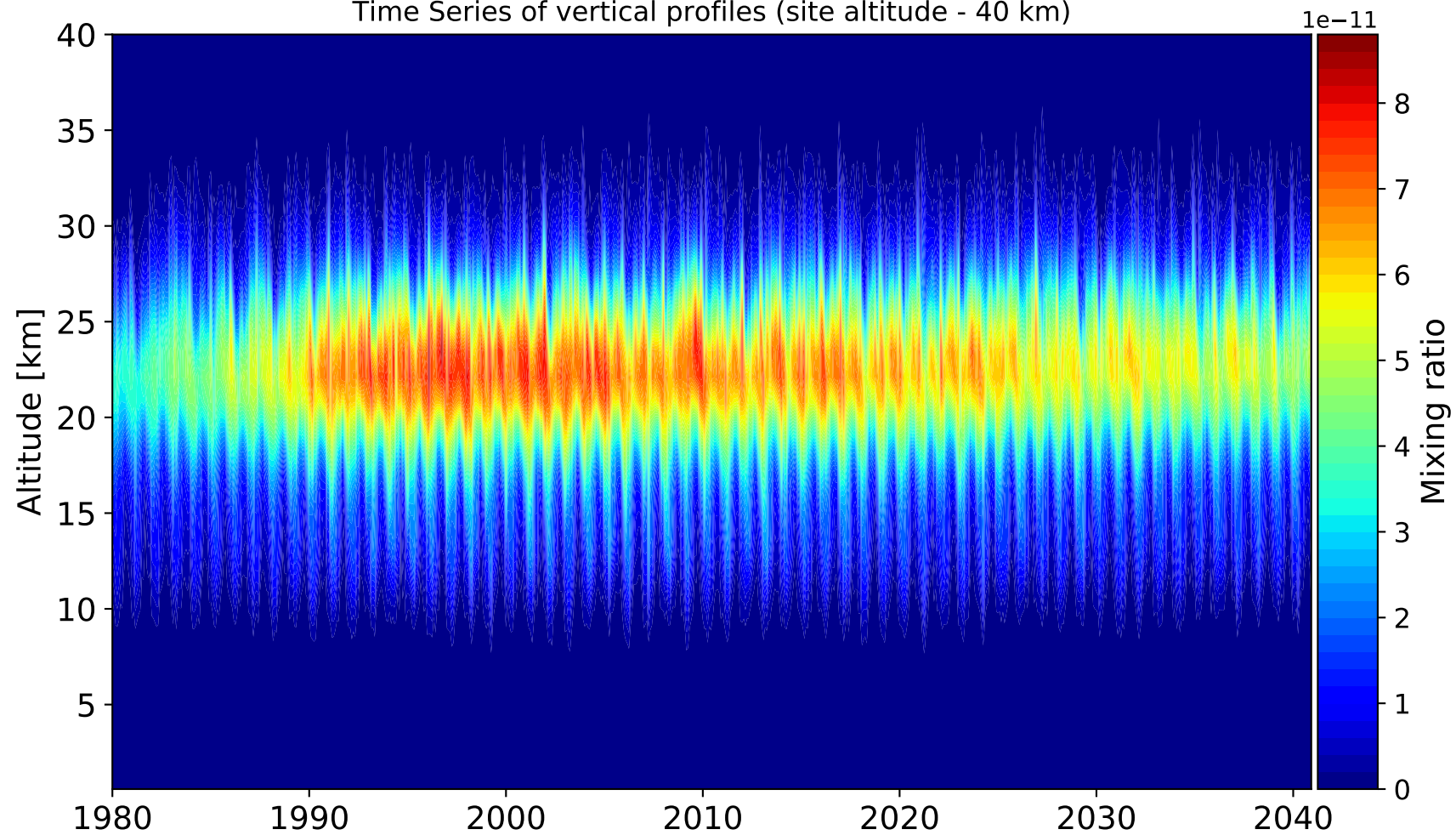


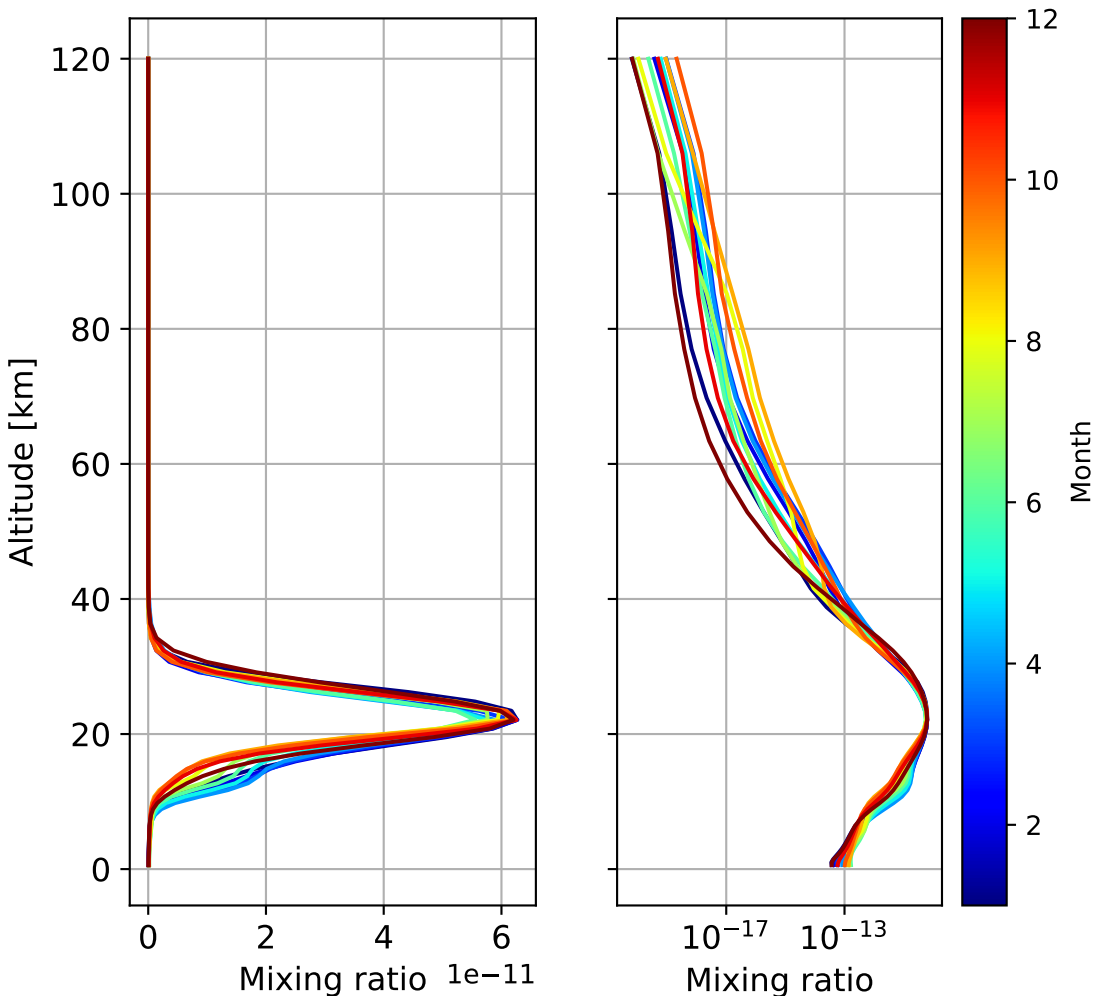
Time Series of vertical profiles (site altitude - 120 km)



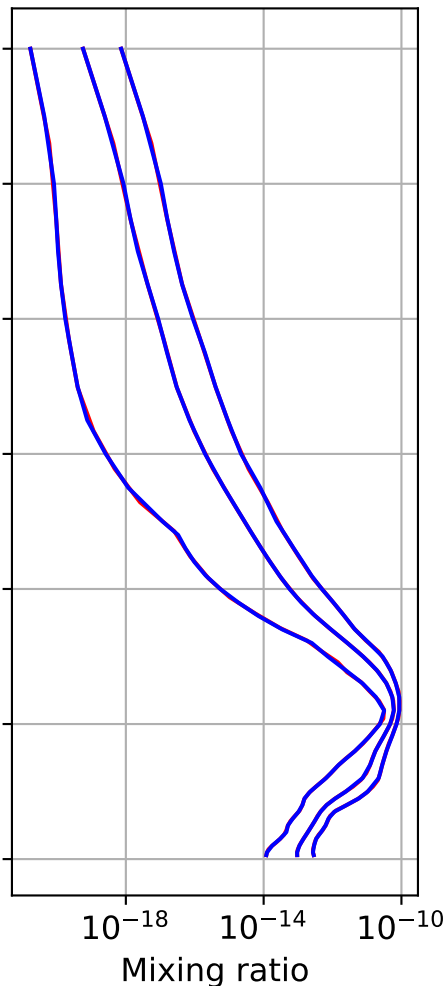
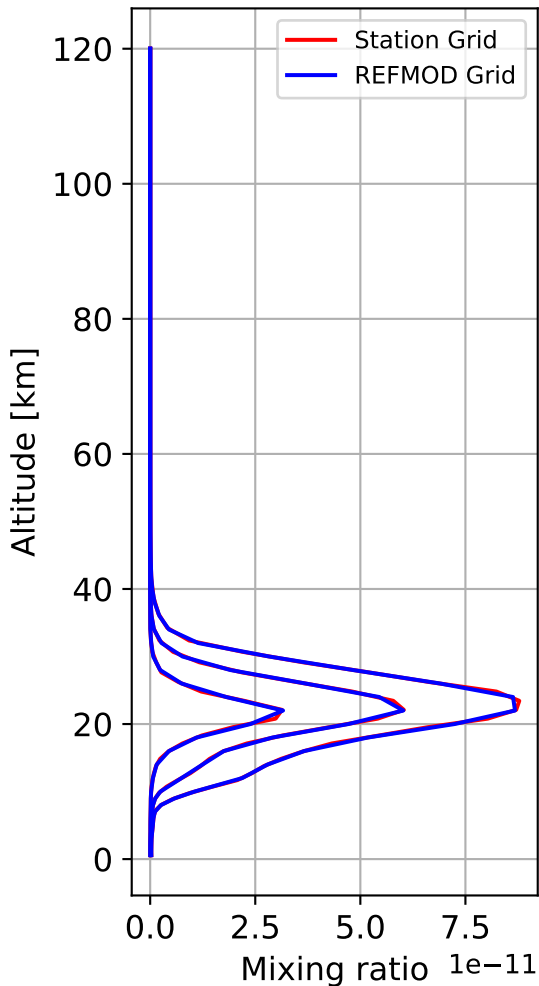
Time Series of vertical profiles (site altitude - 40 km)



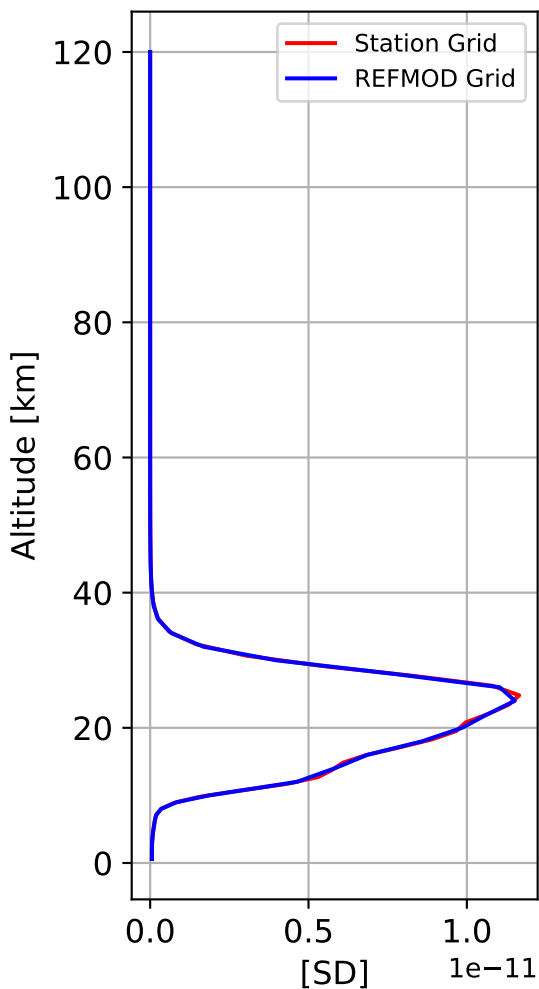
Monthly mean WACCM profile (interpolated to station grid) Bratts_Lake, 50.2N, 255.8E, 0.587kmasl



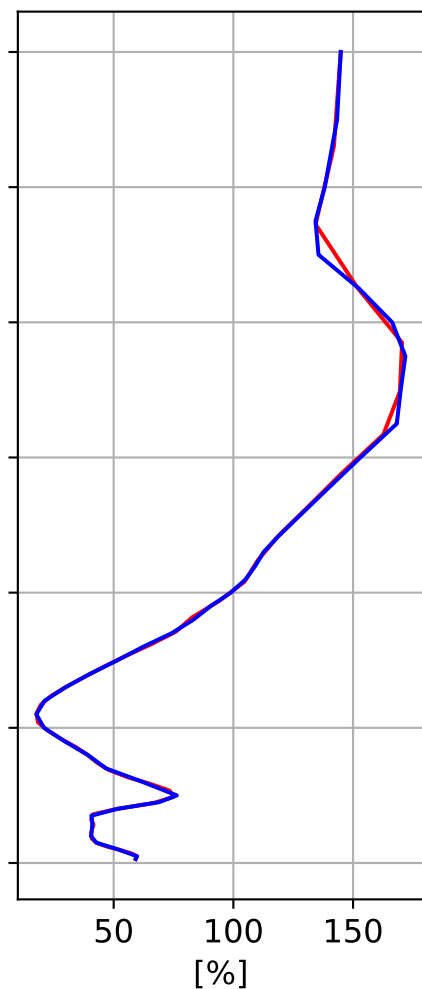
Min, Max, Mean of 732 profiles
Bratts_Lake, 50.2N, 255.8E, 0.587kmasl



Std. Deviation



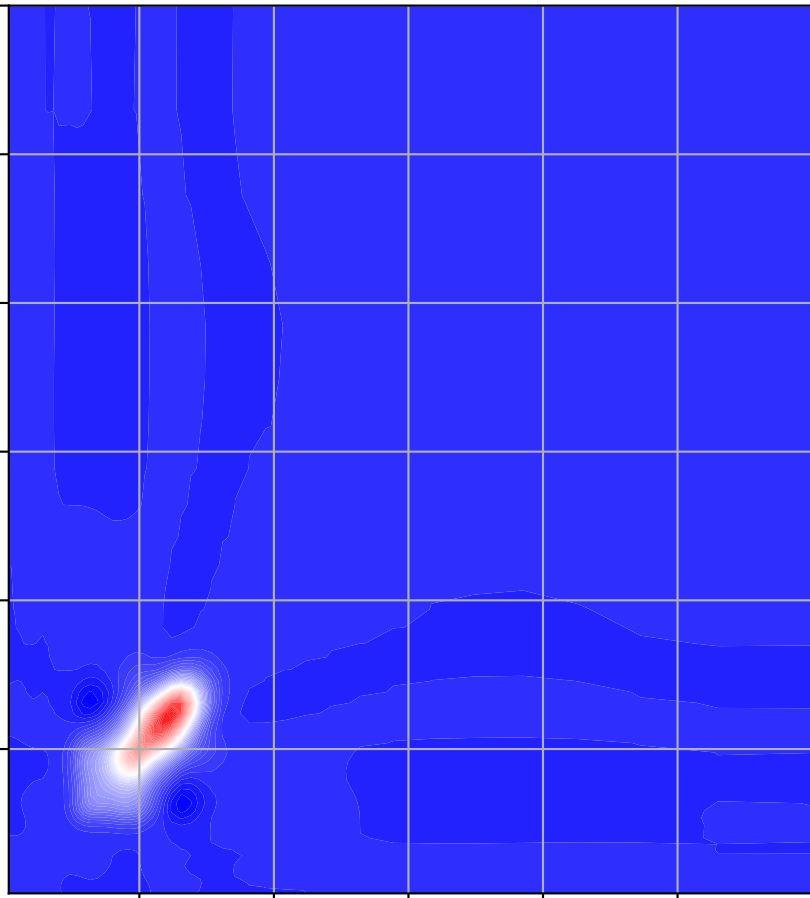
Percent Deviation



Level covariance matrix

 $1e-22$

Altitude [km]

120
100
80
60
40
20Mixing ratio[\wedge^2]1.26
1.08
0.90
0.72
0.54
0.36
0.18
0.00

20 40 60 80 100 120

Altitude [km]