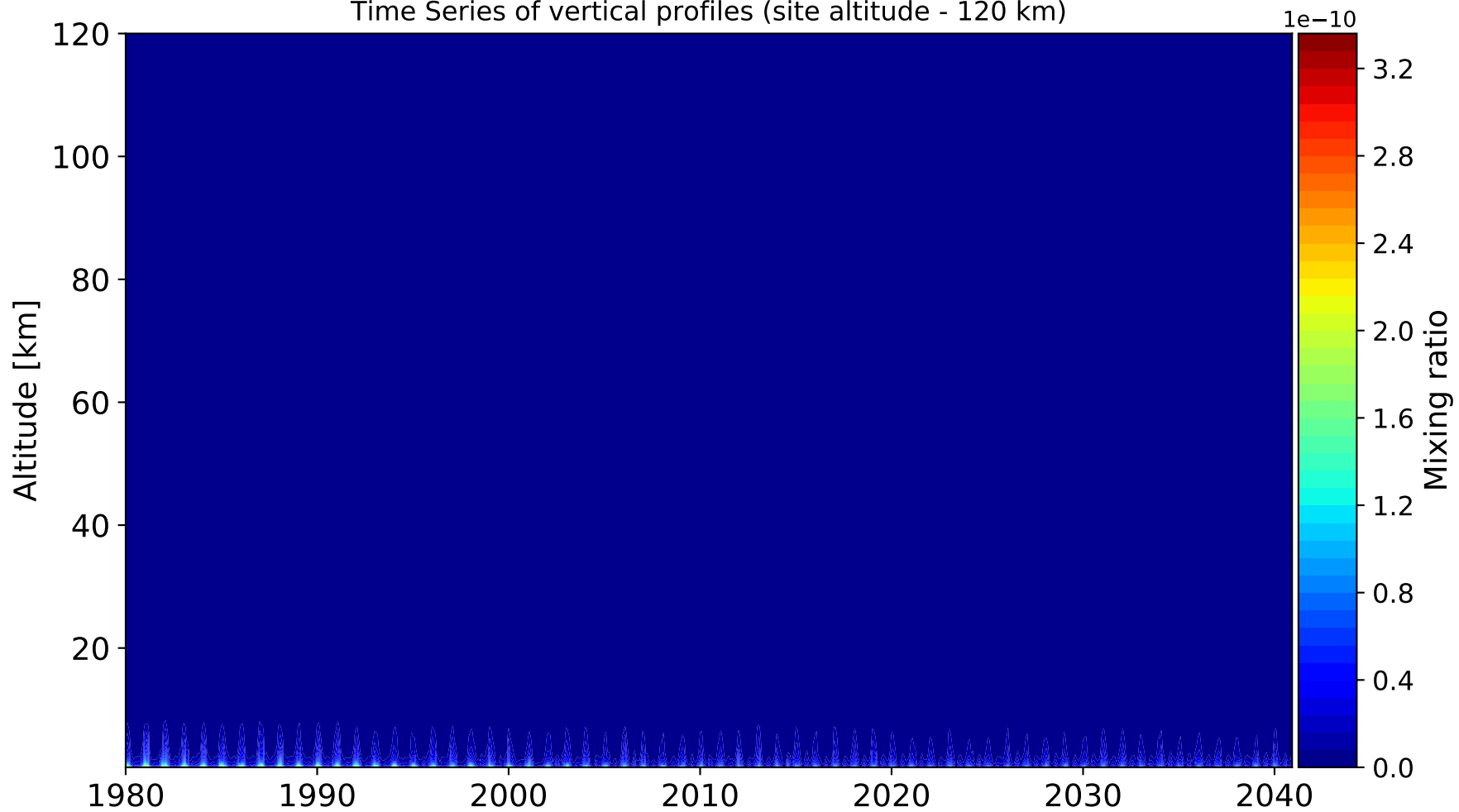
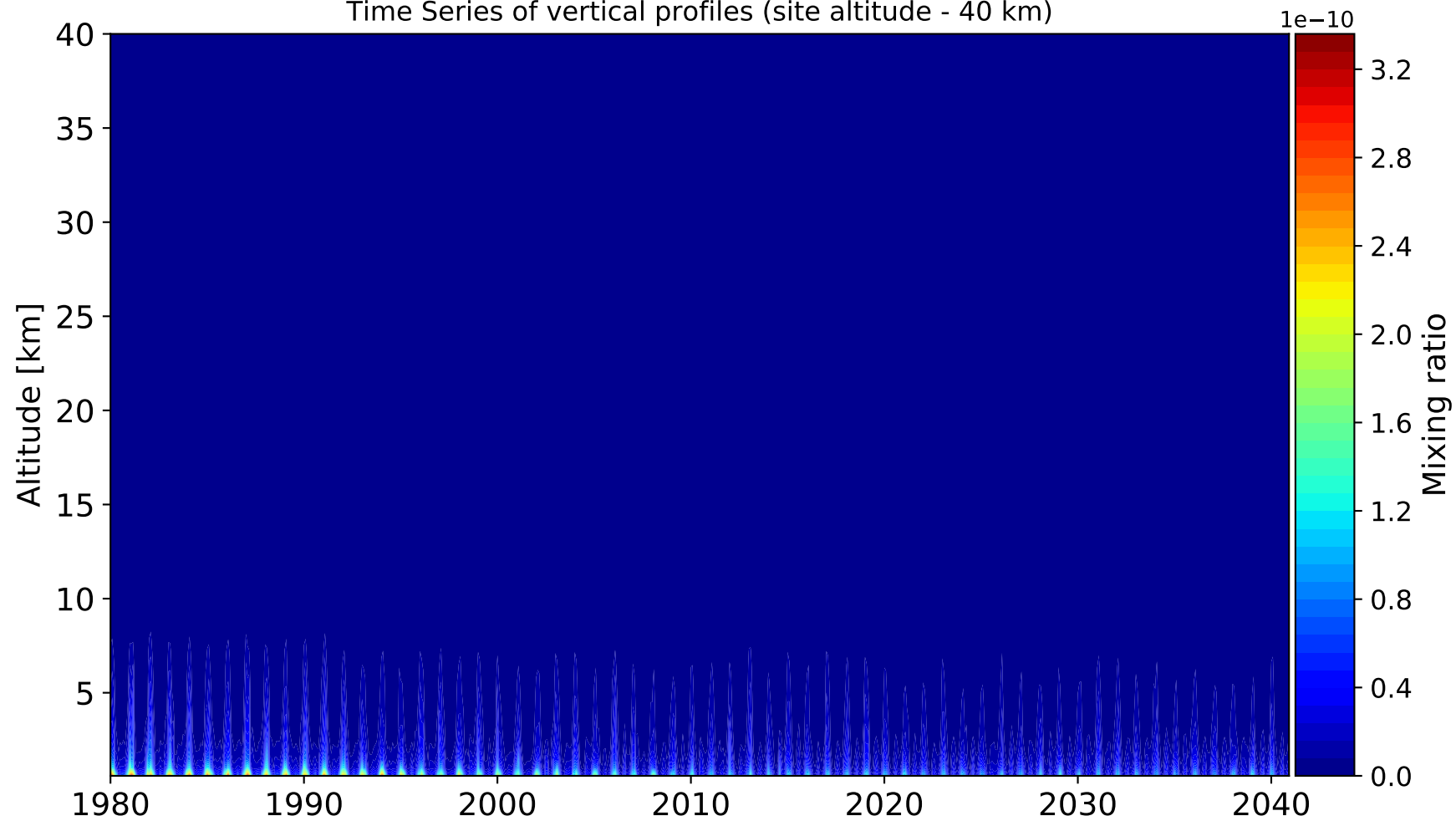


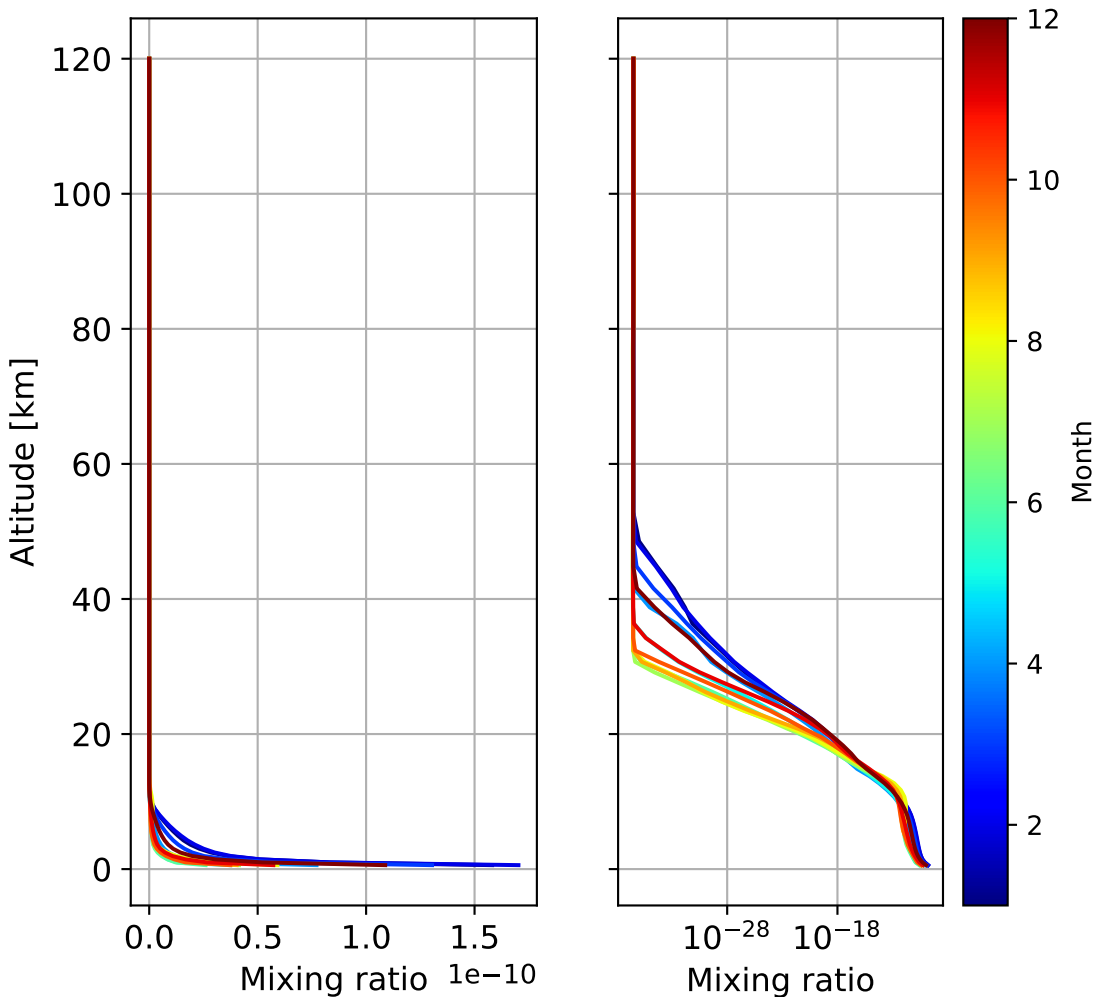
Time Series of vertical profiles (site altitude - 120 km)



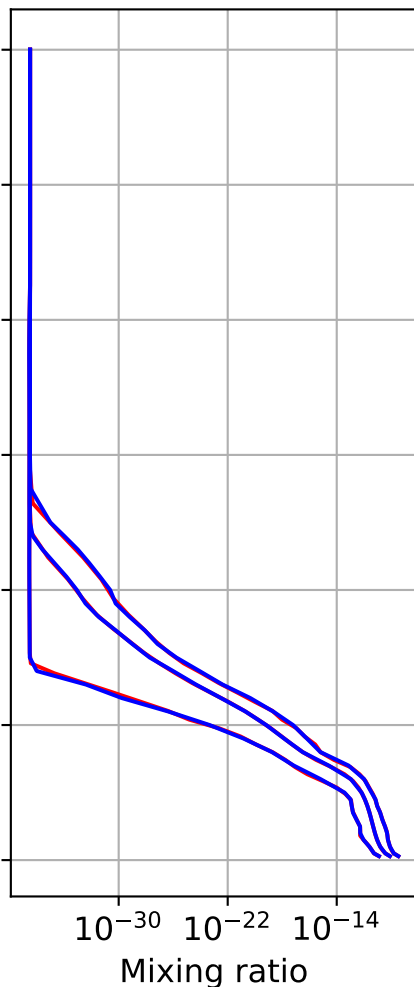
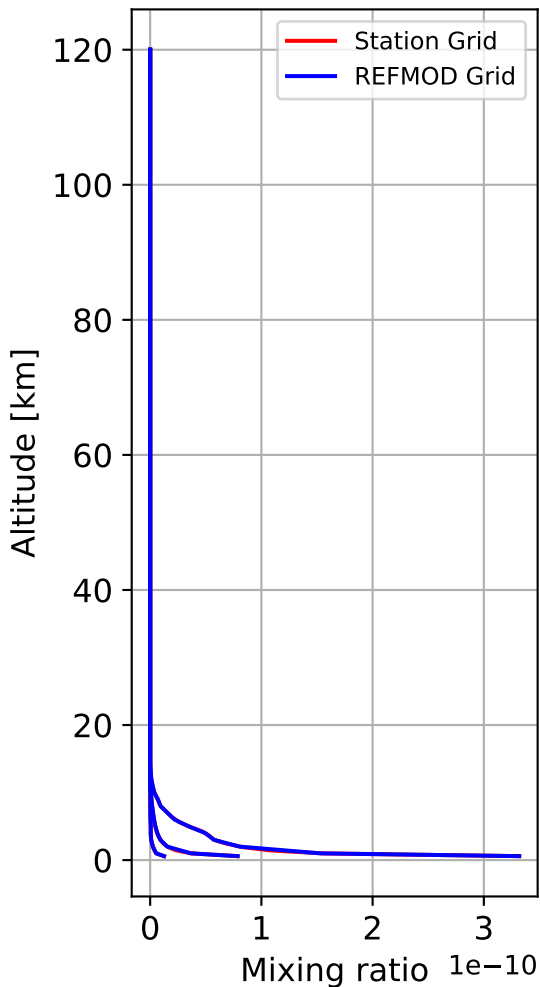
Time Series of vertical profiles (site altitude - 40 km)



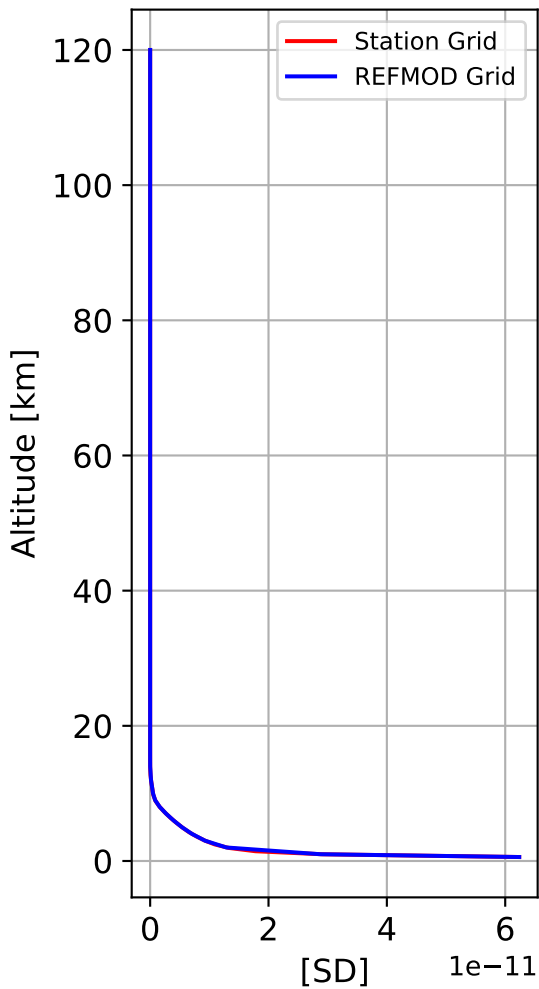
# Monthly mean WACCM profile (interpolated to station grid) Bratts\_Lake, 50.2N, 255.8E, 0.587kmasl



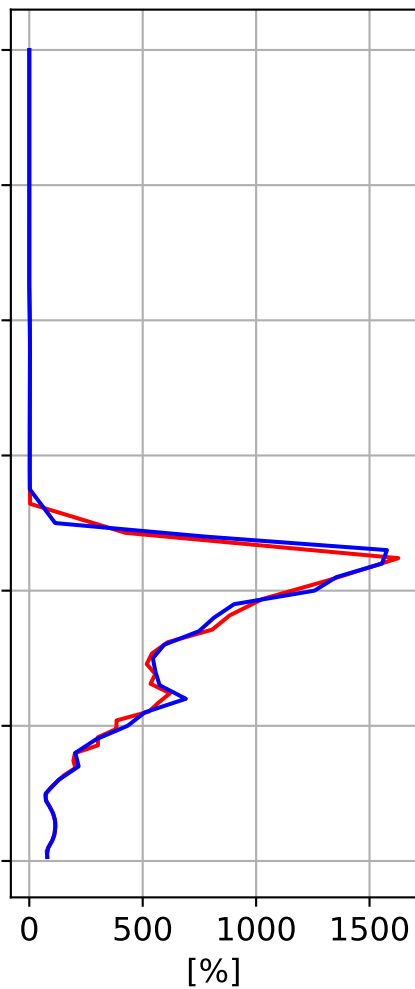
Min, Max, Mean of 732 profiles  
Bratts\_Lake, 50.2N, 255.8E, 0.587kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

$1e-21$

Altitude [km]

120  
100  
80  
60  
40  
20

Altitude [km]

3.84  
3.36  
2.88  
2.40  
1.92  
1.44  
0.96  
0.48  
0.00

Mixing ratio[ $\sim 2$ ]

