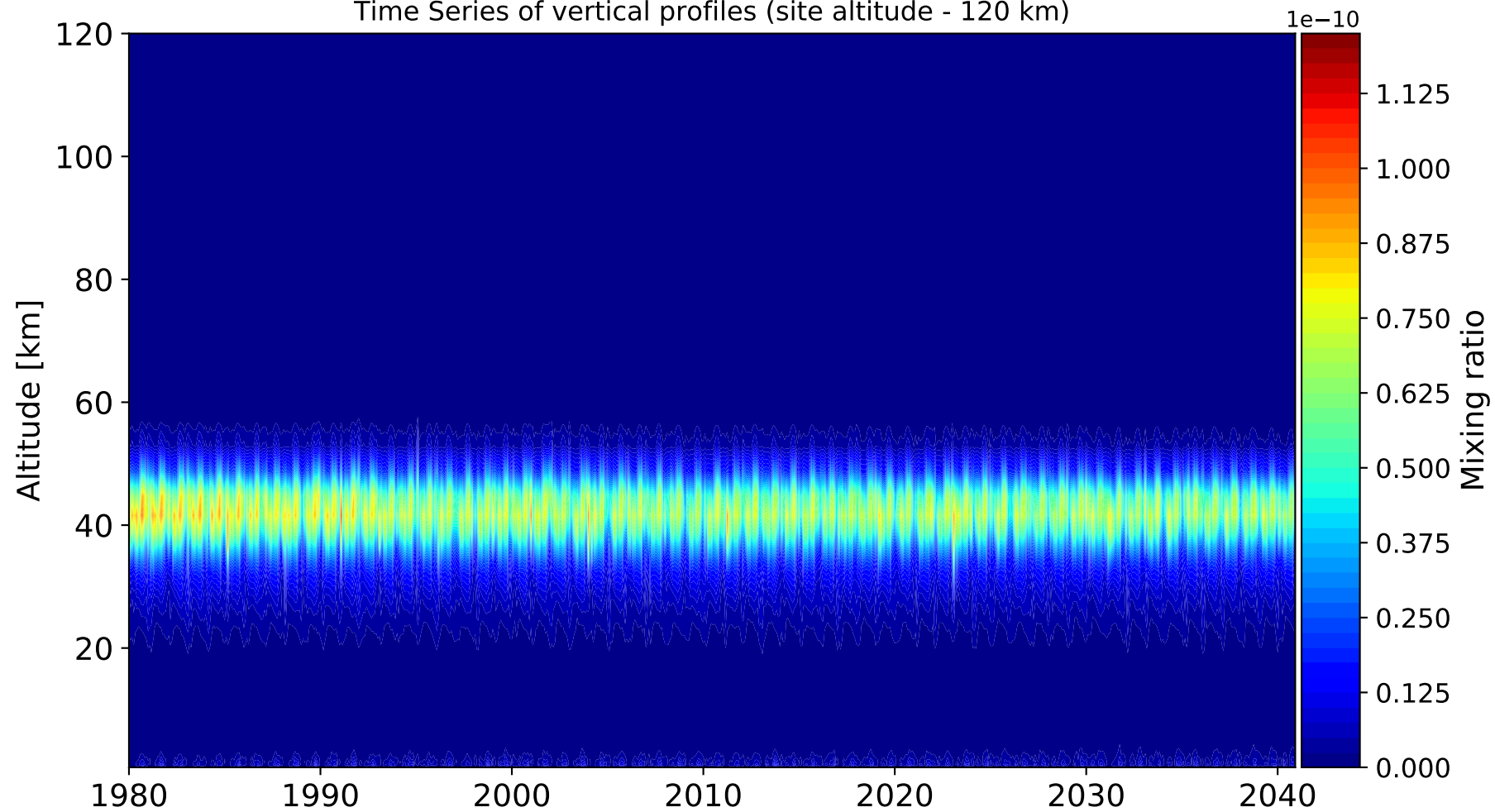
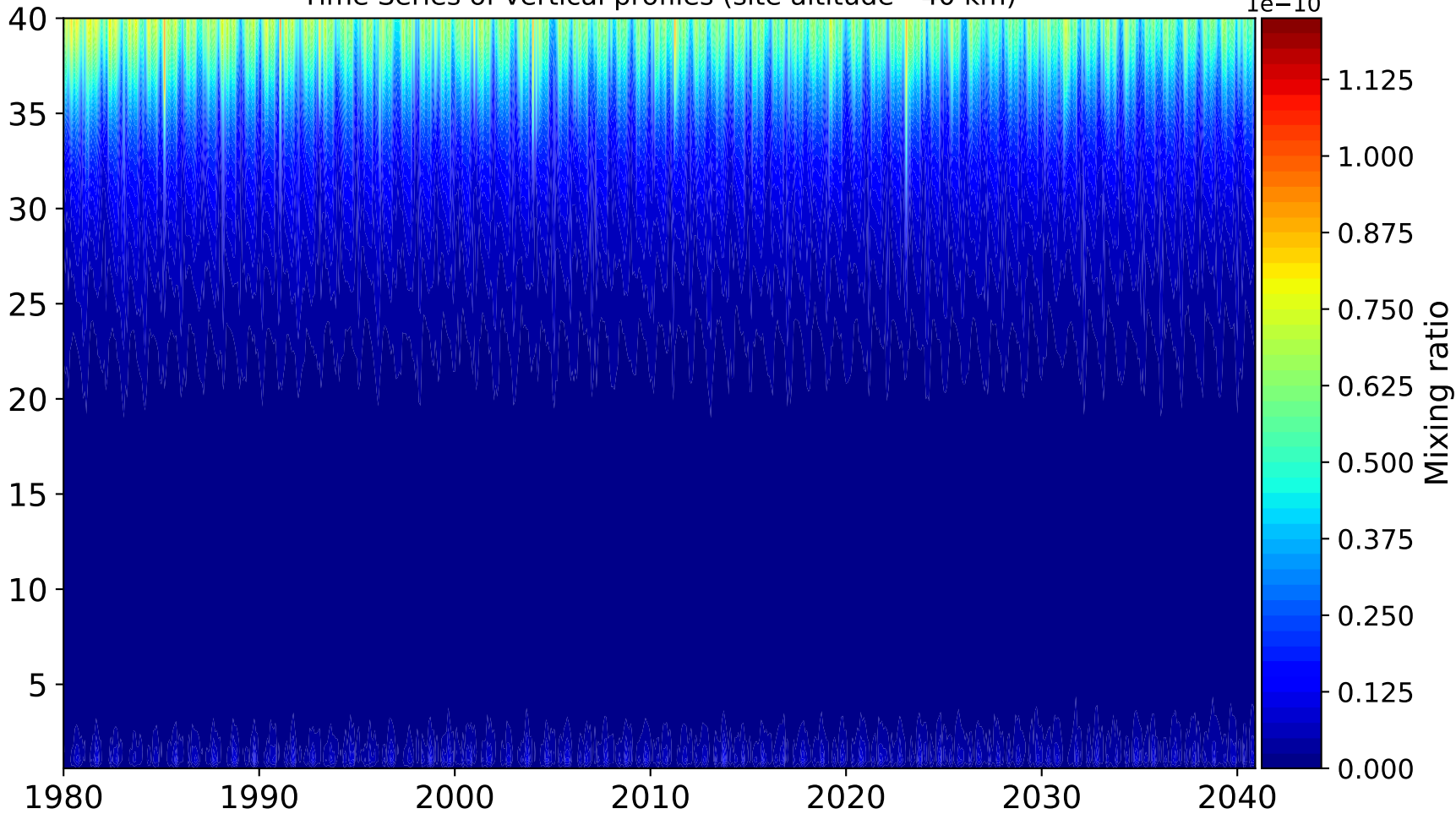


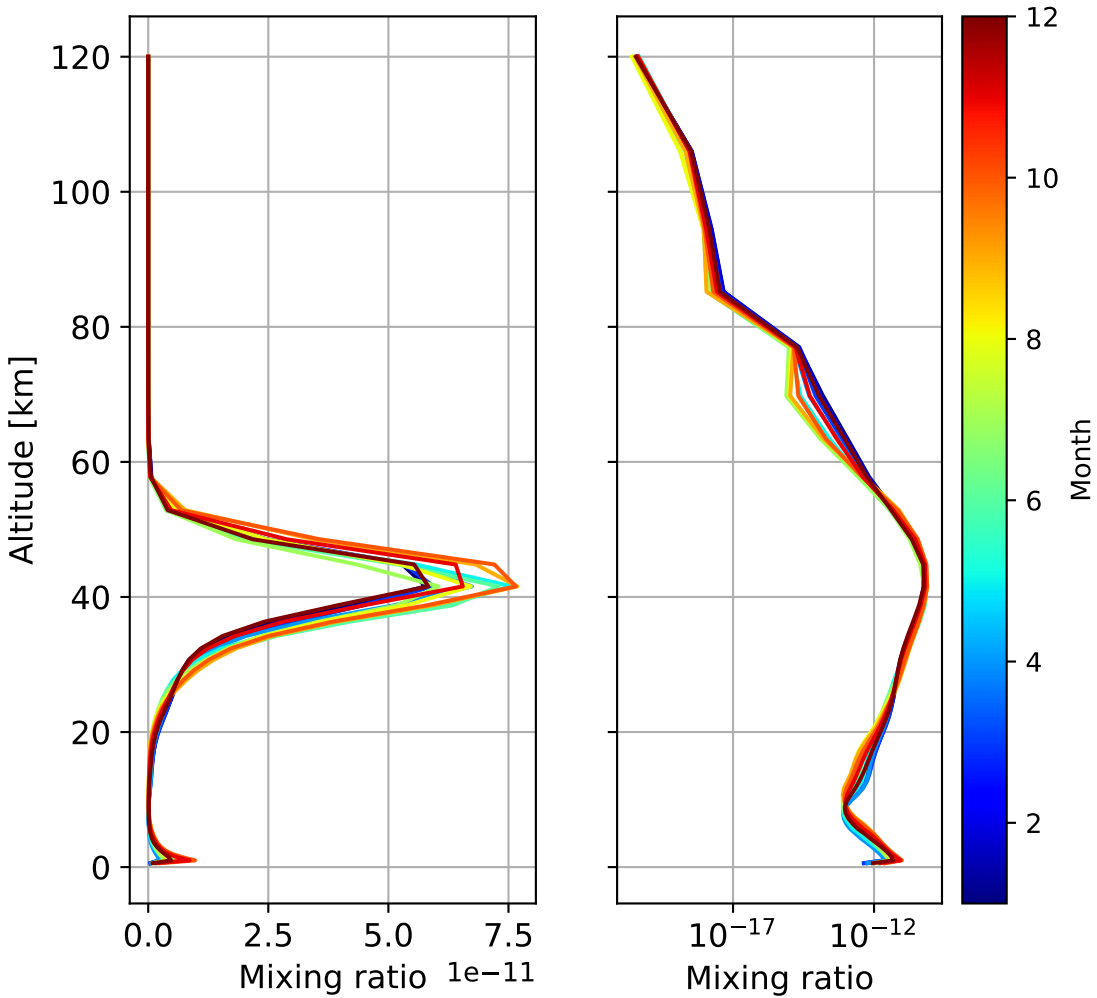
Time Series of vertical profiles (site altitude - 120 km)



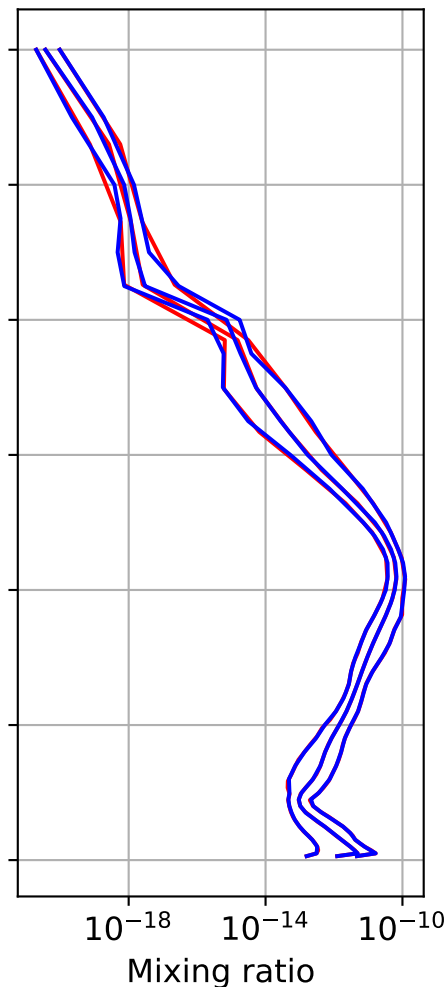
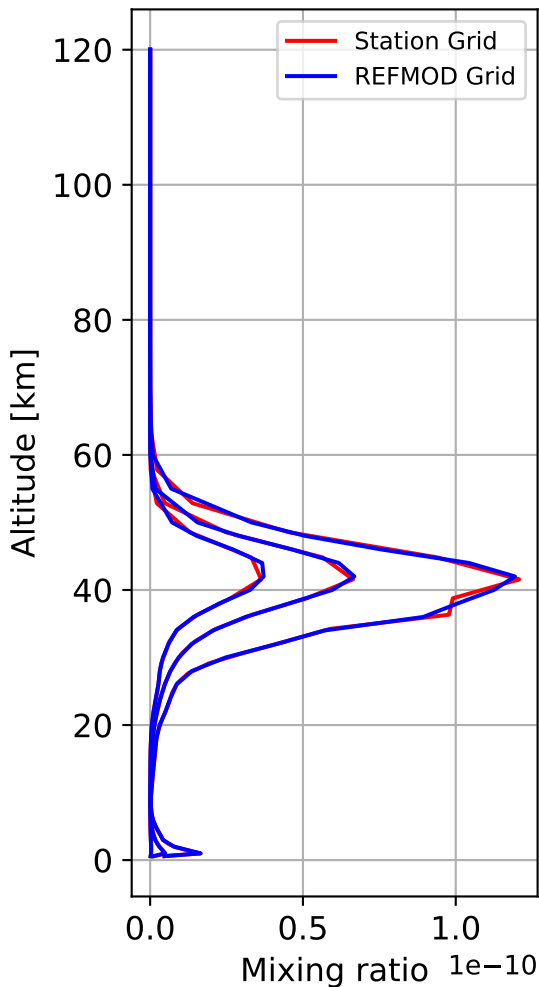
Time Series of vertical profiles (site altitude - 40 km)



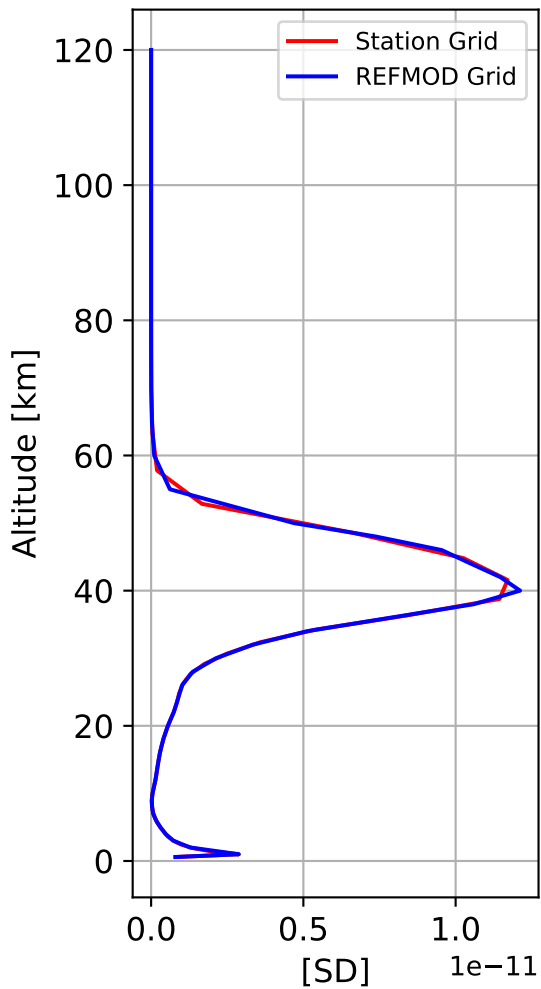
Monthly mean WACCM profile (interpolated to station grid)
Bratts_Lake, 50.2N, 255.8E, 0.587kmasl



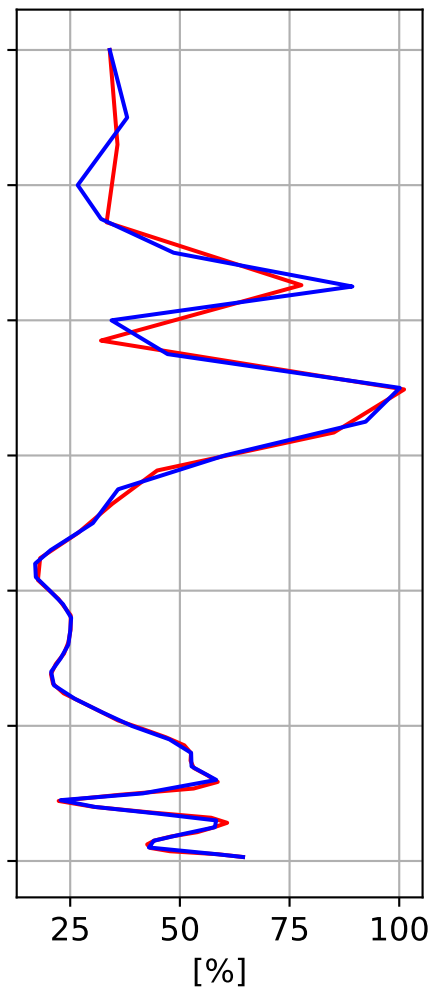
Min, Max, Mean of 732 profiles
Bratts_Lake, 50.2N, 255.8E, 0.587kmasl



Std. Deviation



Percent Deviation

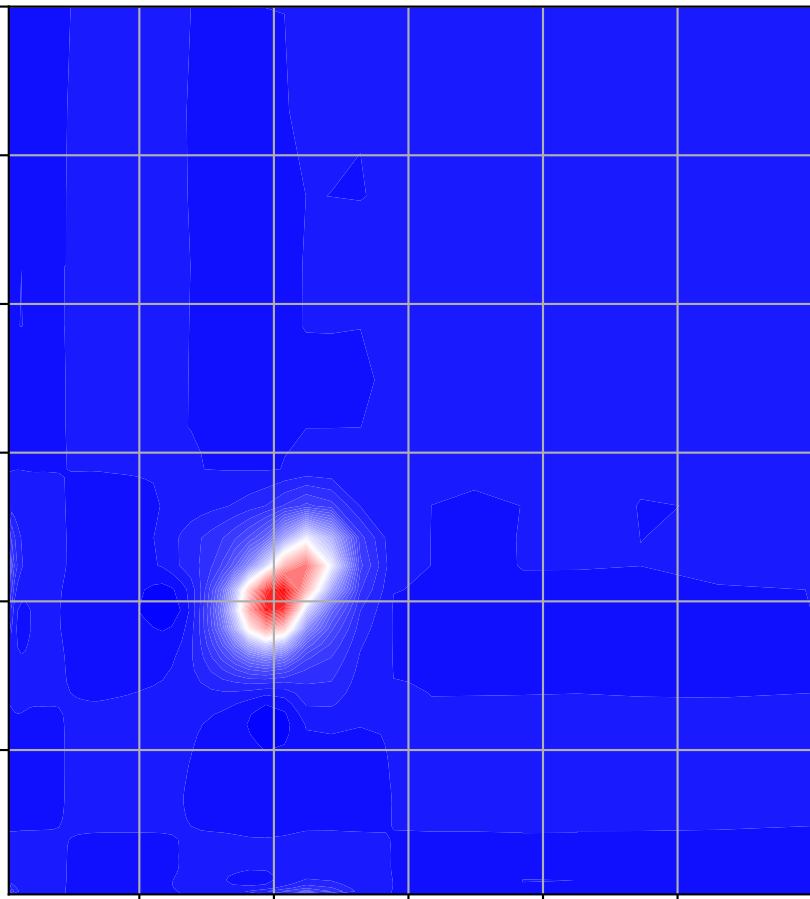


Level covariance matrix

$1e-22$

Altitude [km]

120
100
80
60
40
20



20

Altitude [km]

80
100
120

1.35
1.20
1.05
0.90
0.75
0.60
0.45
0.30
0.15
0.00

Mixing ratio²