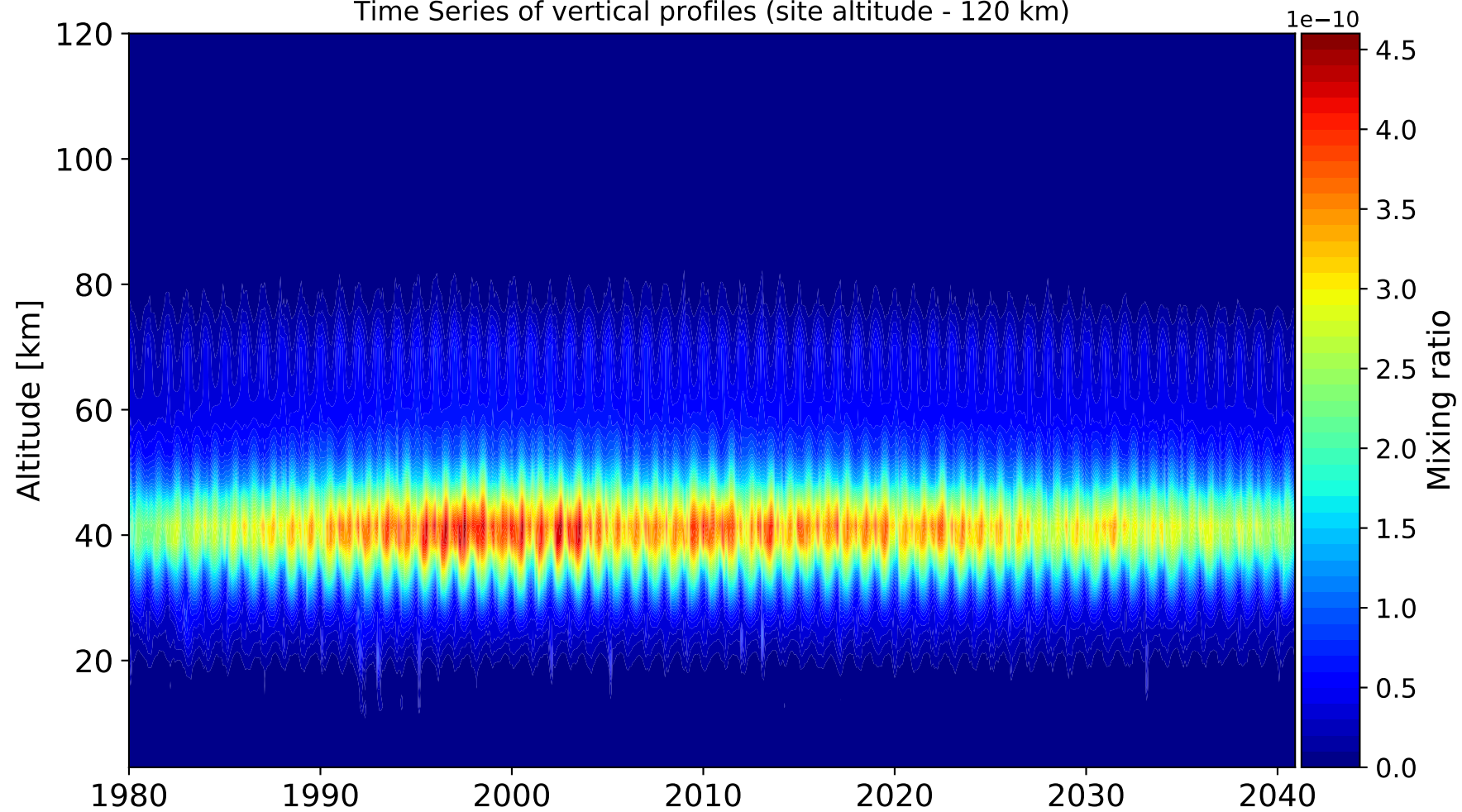
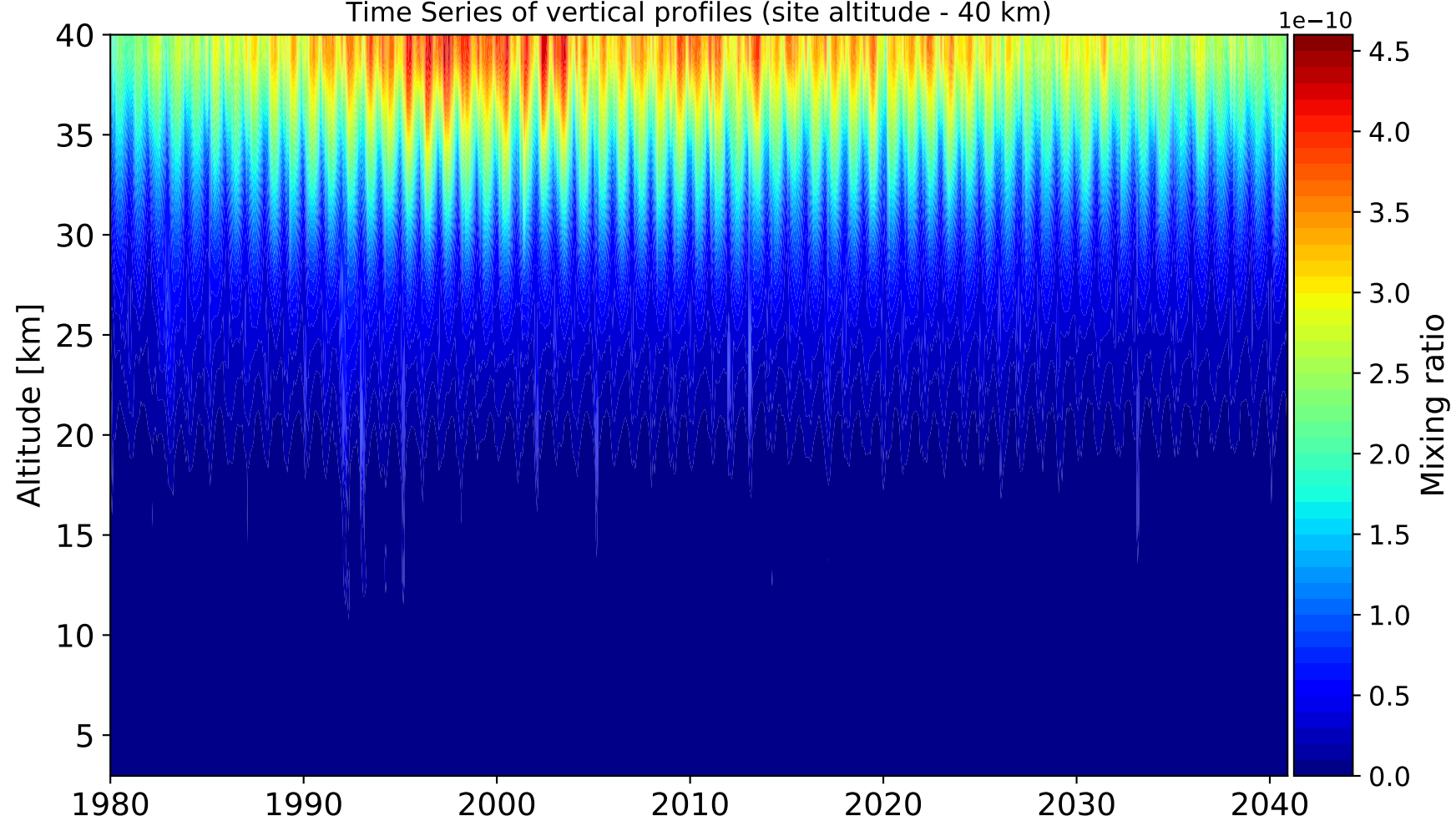


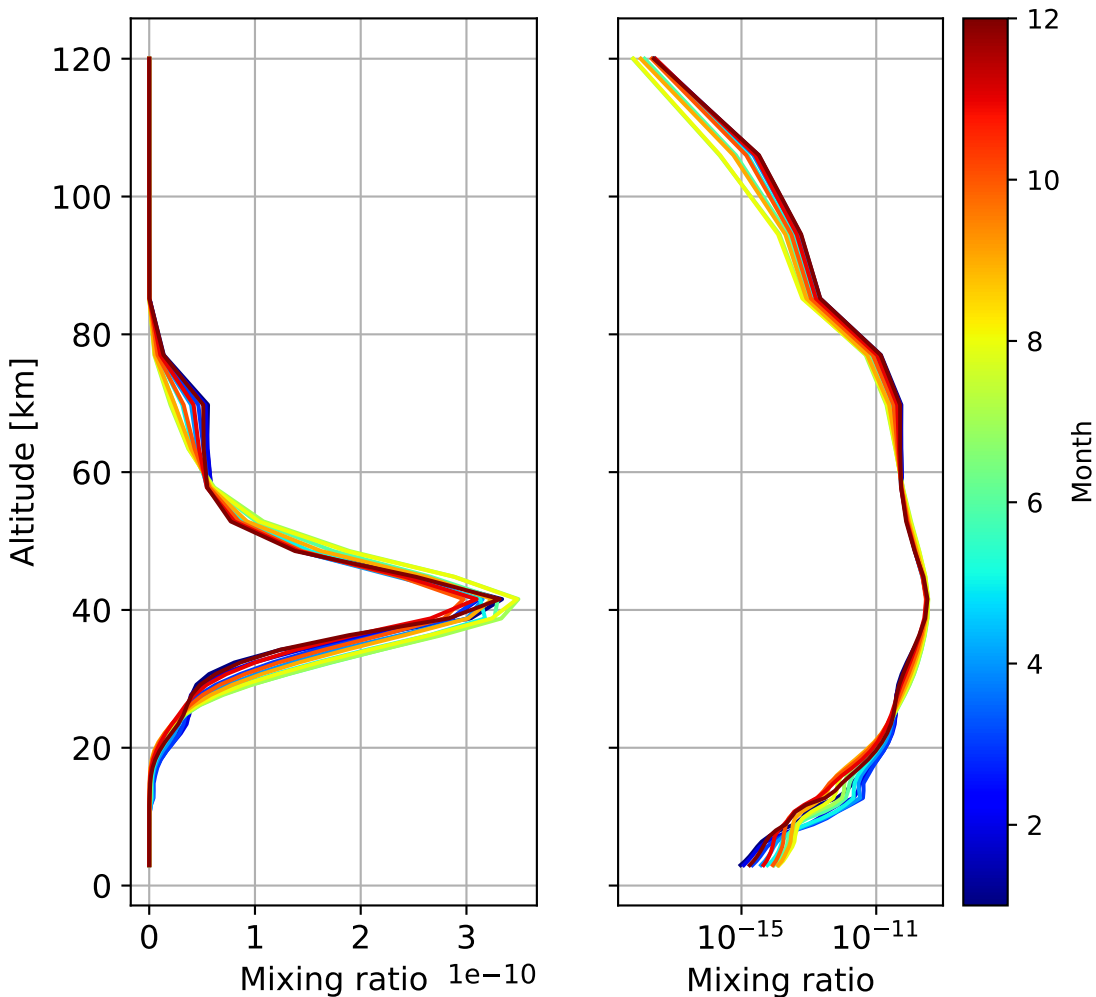
Time Series of vertical profiles (site altitude - 120 km)



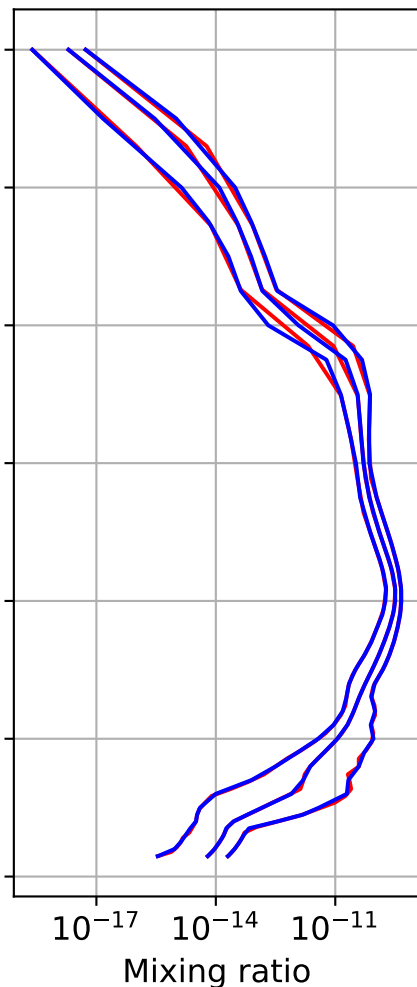
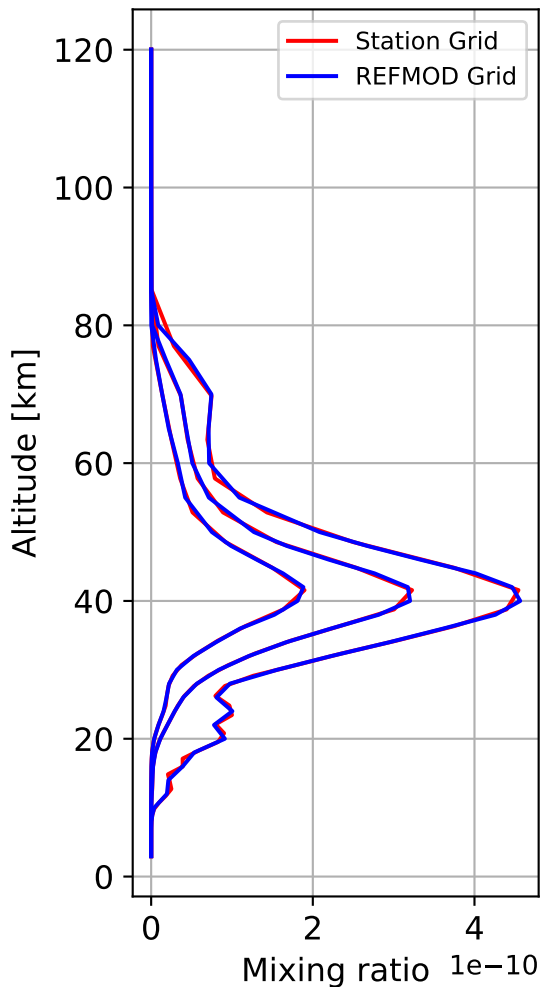
Time Series of vertical profiles (site altitude - 40 km)



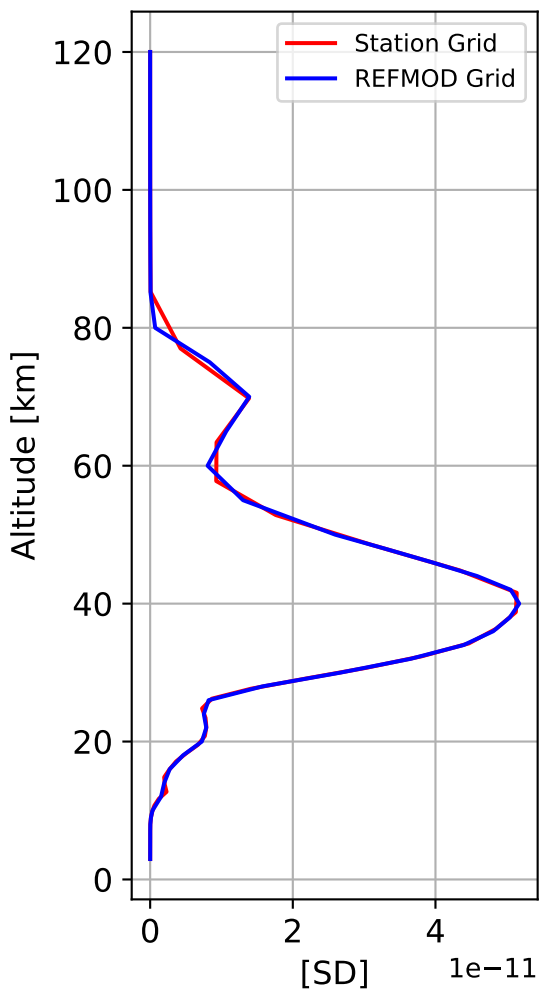
Monthly mean WACCM profile (interpolated to station grid) Zugspitze, 47.42N, 10.98E, 2.964kmasl



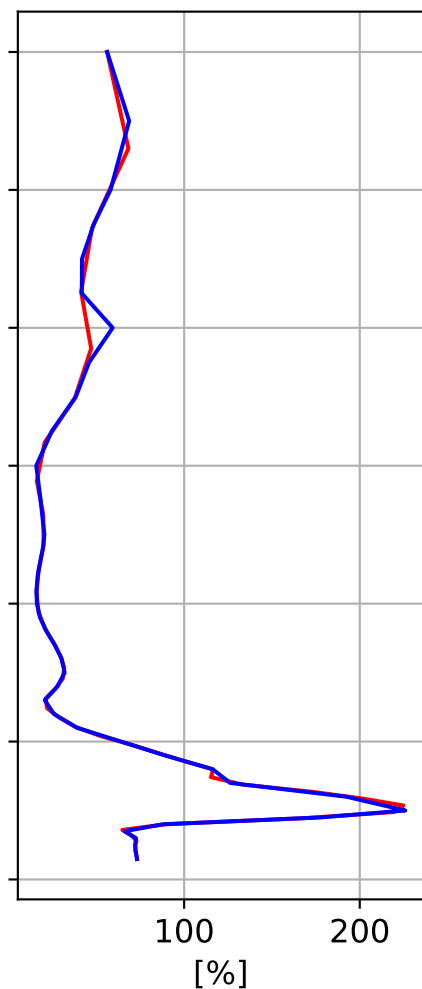
Min, Max, Mean of 732 profiles
Zugspitze, 47.42N, 10.98E, 2.964kmasl



Std. Deviation



Percent Deviation

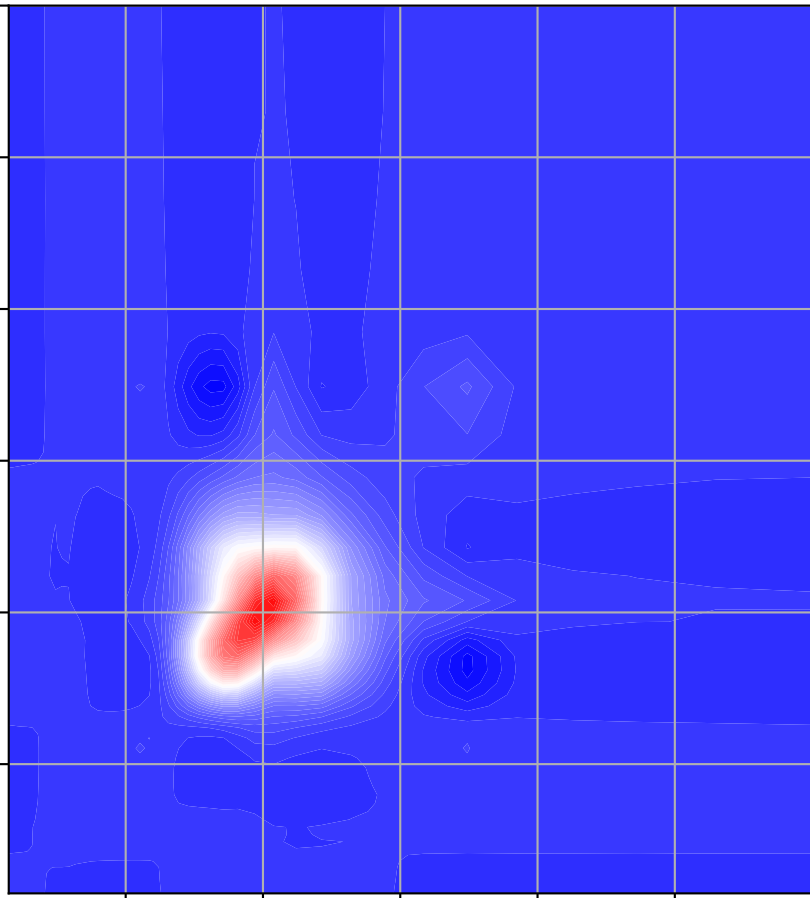


Level covariance matrix

$1e-21$

Altitude [km]

120
100
80
60
40
20



Mixing ratio²

2.52
2.16
1.80
1.44
1.08
0.72
0.36
0.00

Altitude [km]

20 40 60 80 100 120