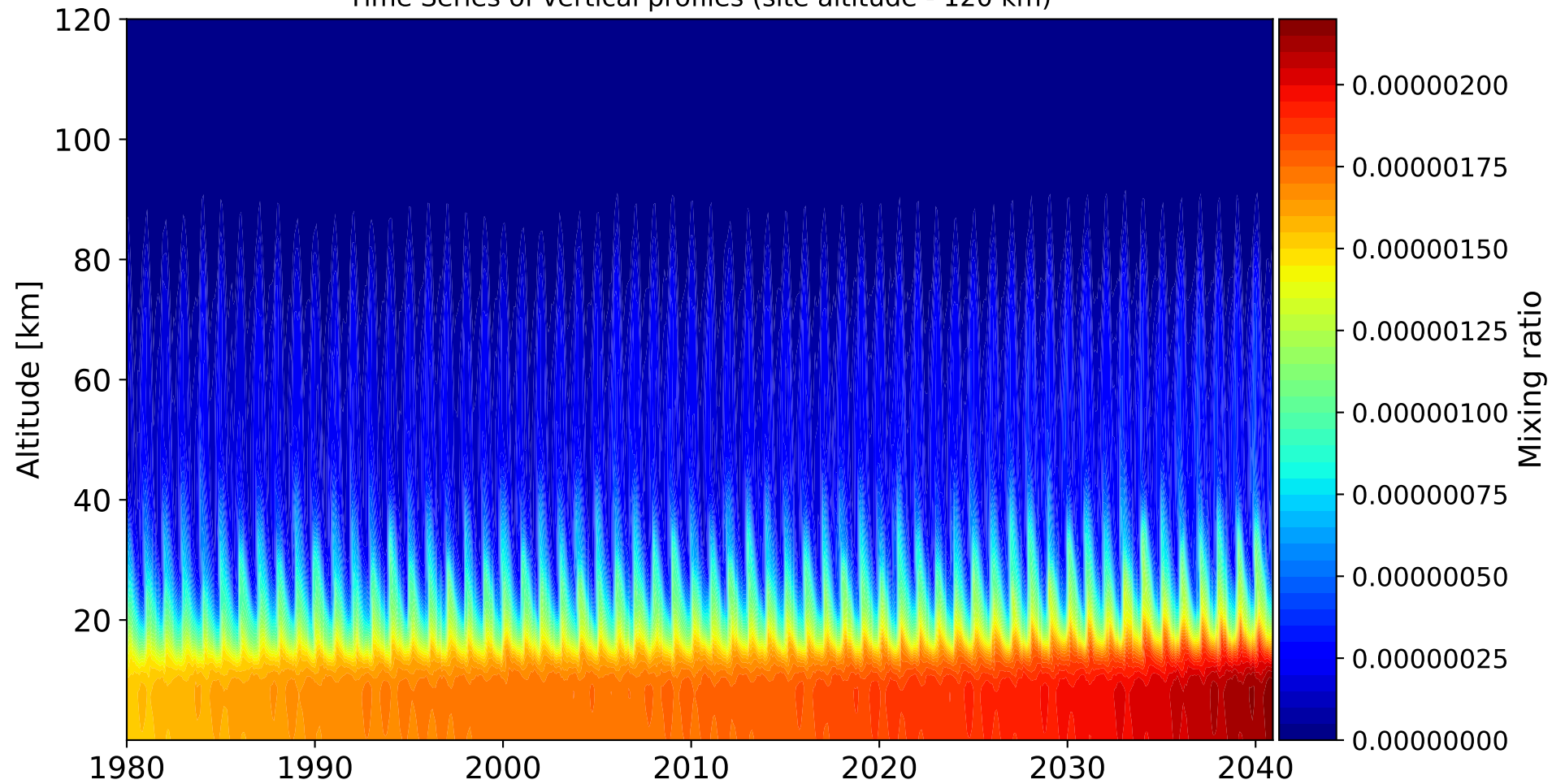
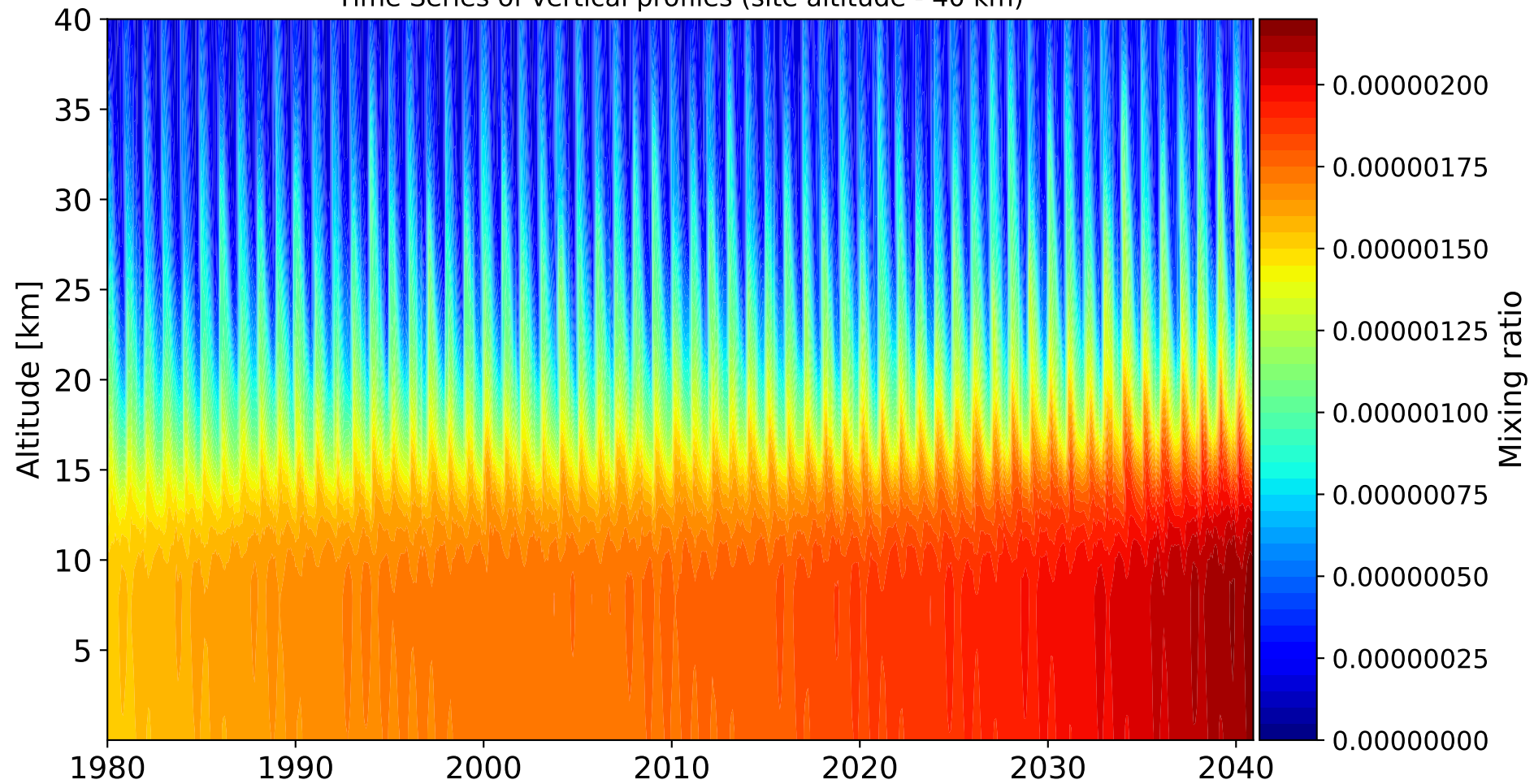


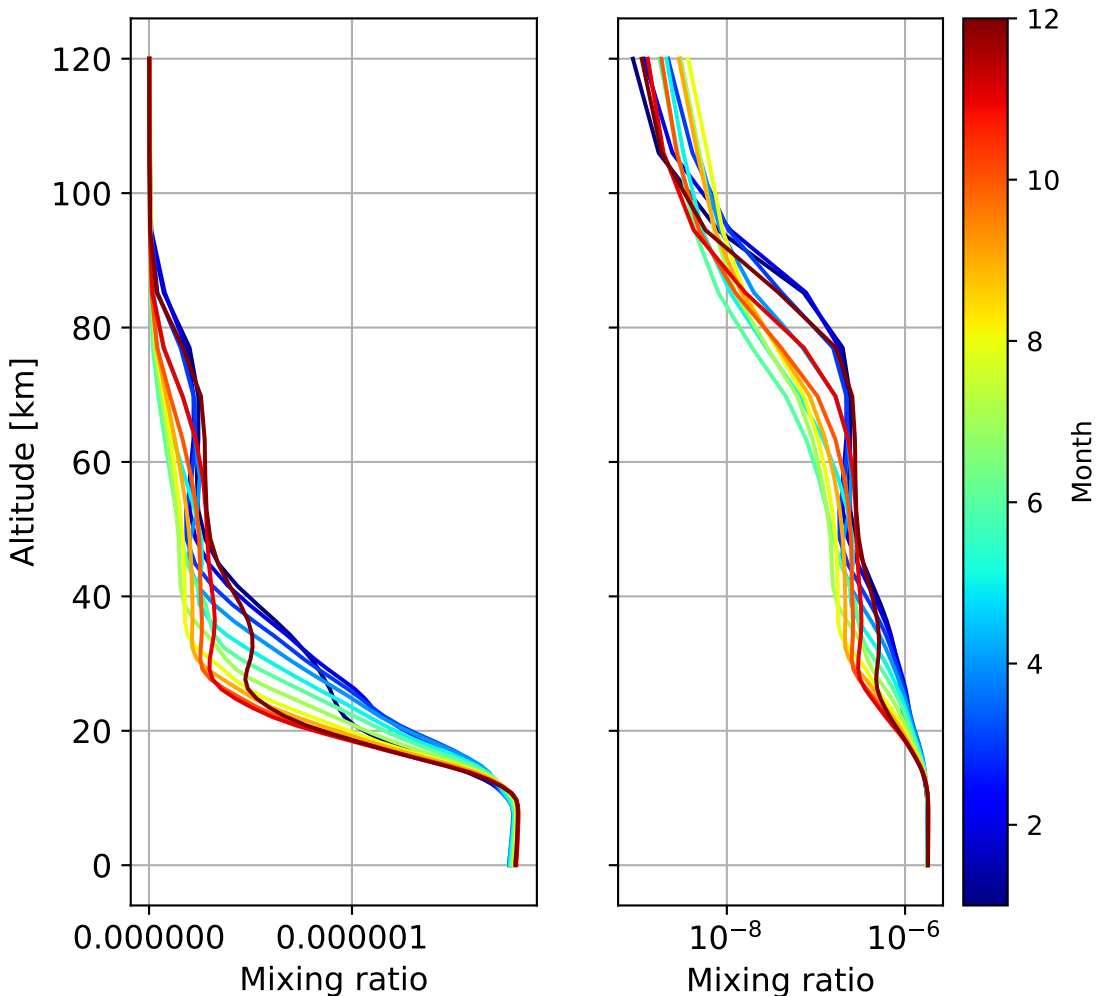
Time Series of vertical profiles (site altitude - 120 km)



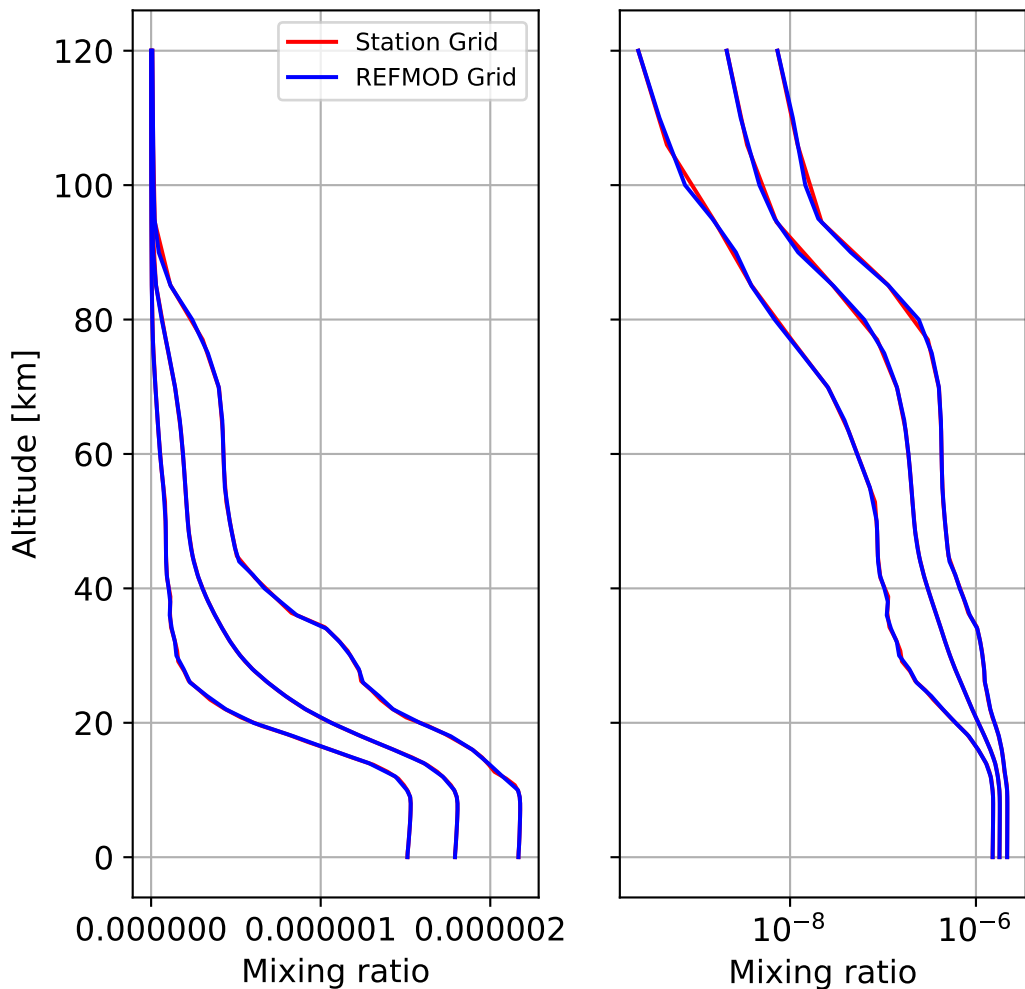
Time Series of vertical profiles (site altitude - 40 km)



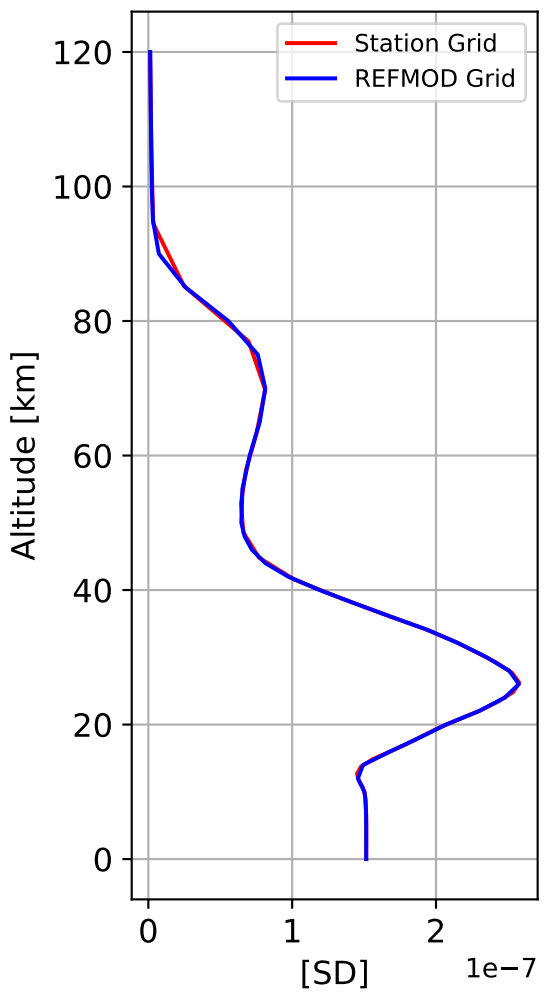
Monthly mean WACCM profile (interpolated to station grid)
Syowa_Station, -69.0N, 39.59E, 0.01kmasl



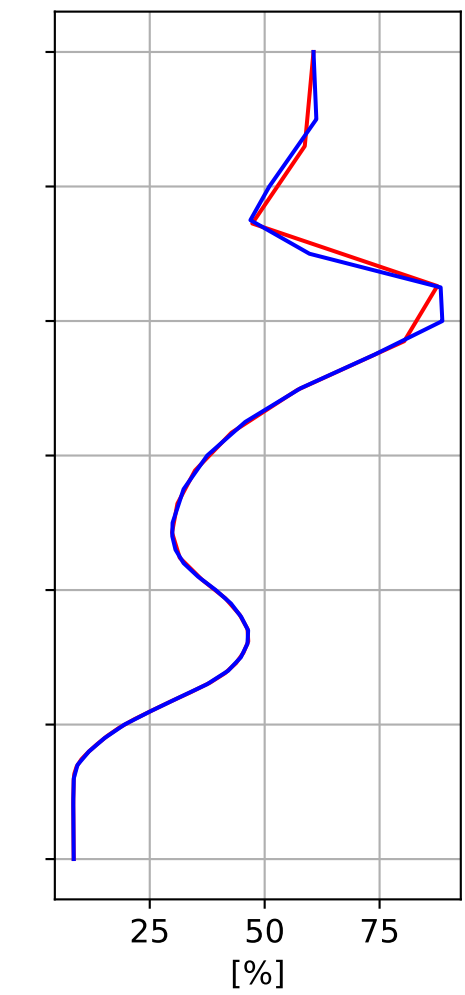
Min, Max, Mean of 732 profiles
Syowa_Station, -69.0N, 39.59E, 0.01kmasl



Std. Deviation



Percent Deviation

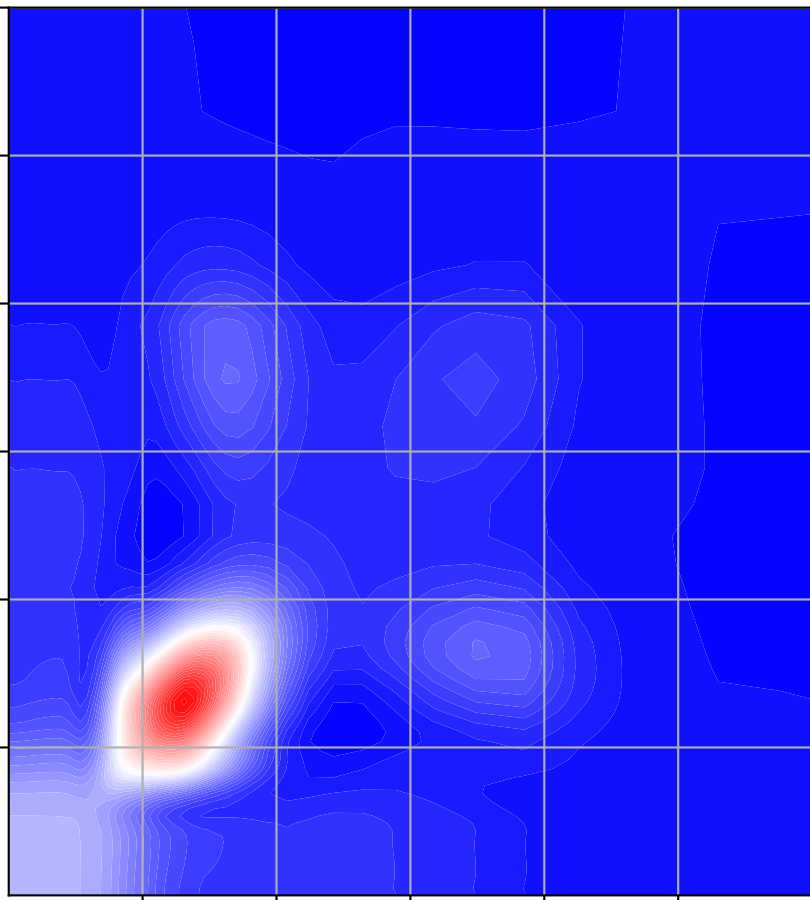


Level covariance matrix

$1e-14$

Altitude [km]

120
100
80
60
40
20



6.75
6.00
5.25
4.50
3.75
3.00
2.25
1.50
0.75
0.00

Altitude [km]

20 40 60 80 100 120