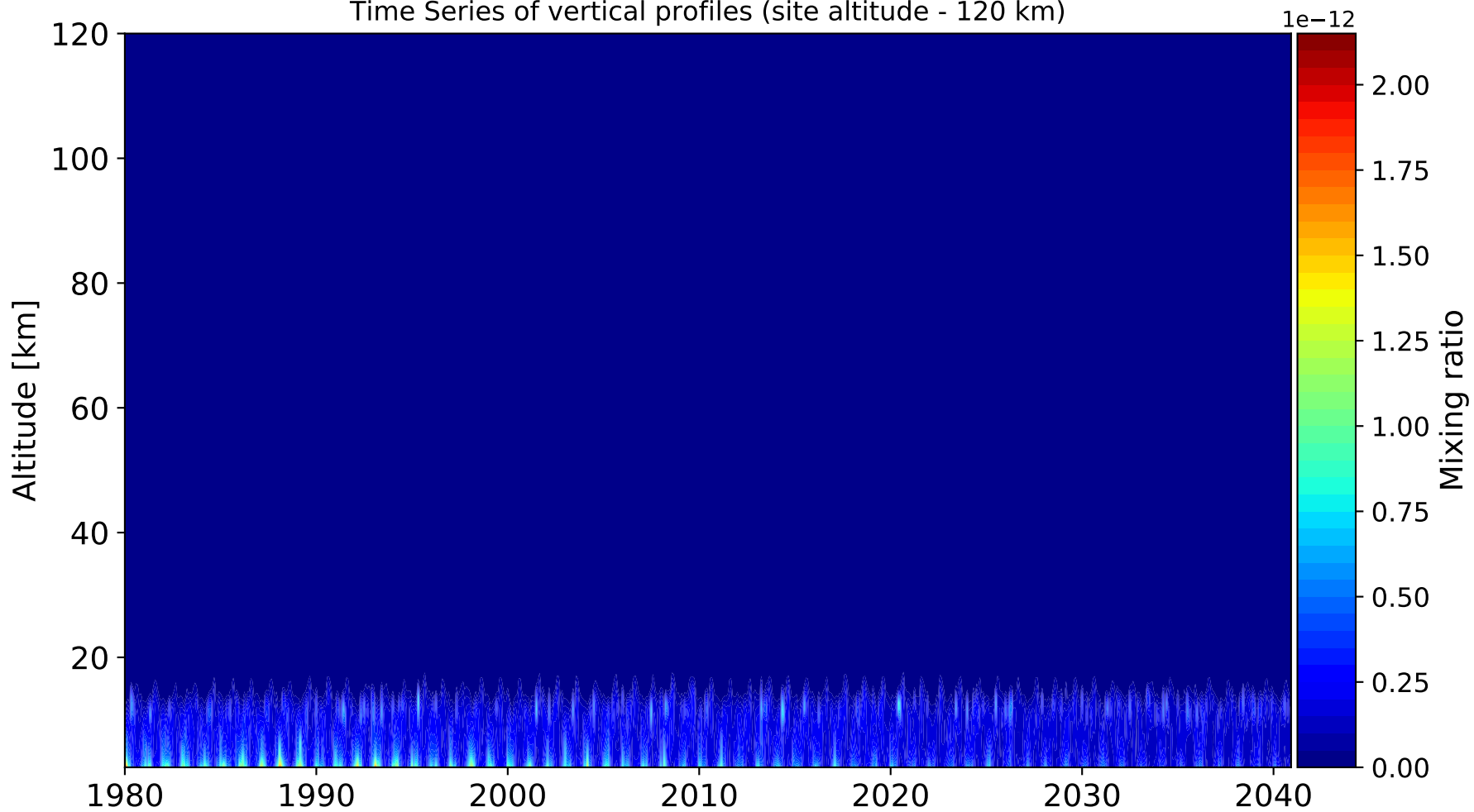
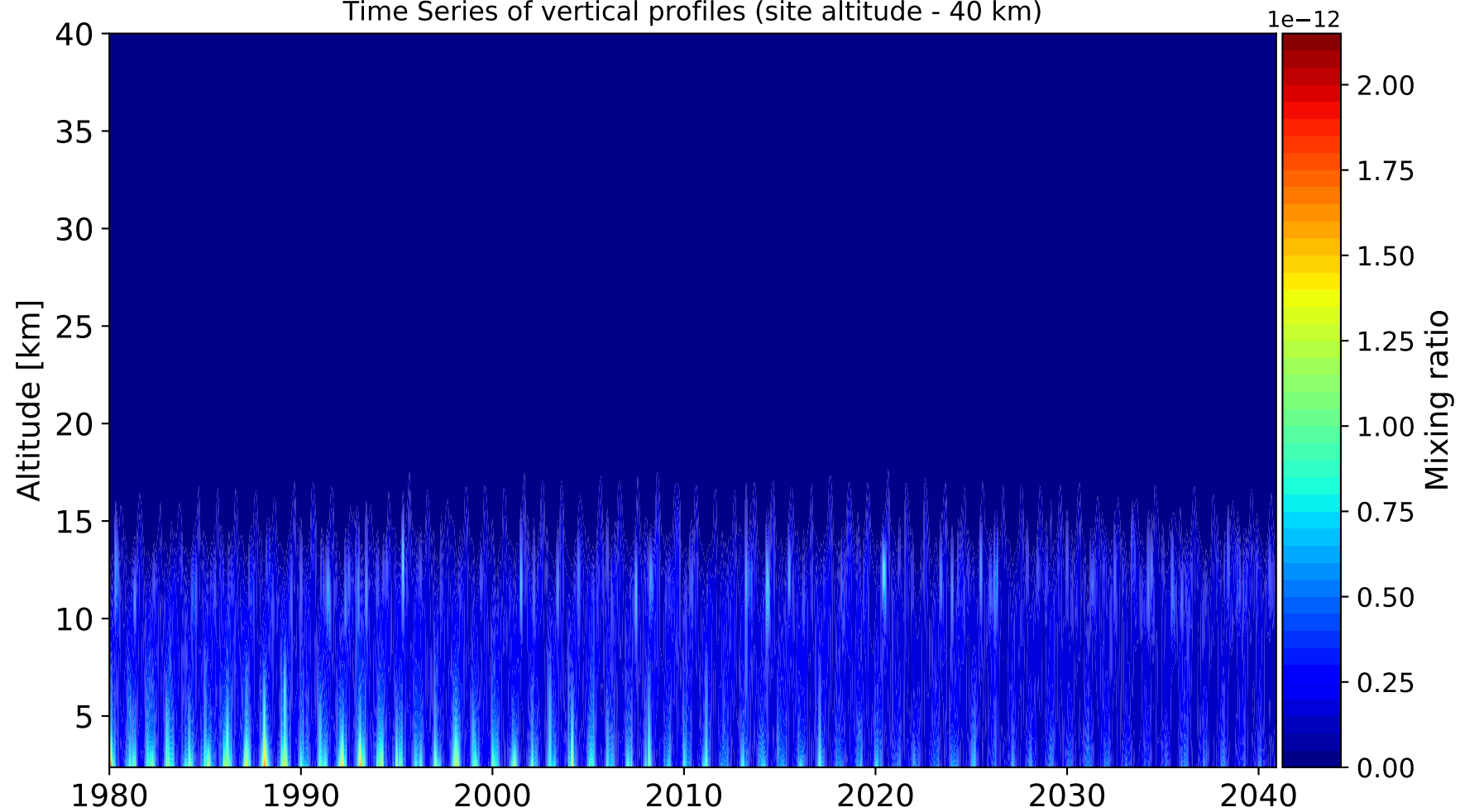


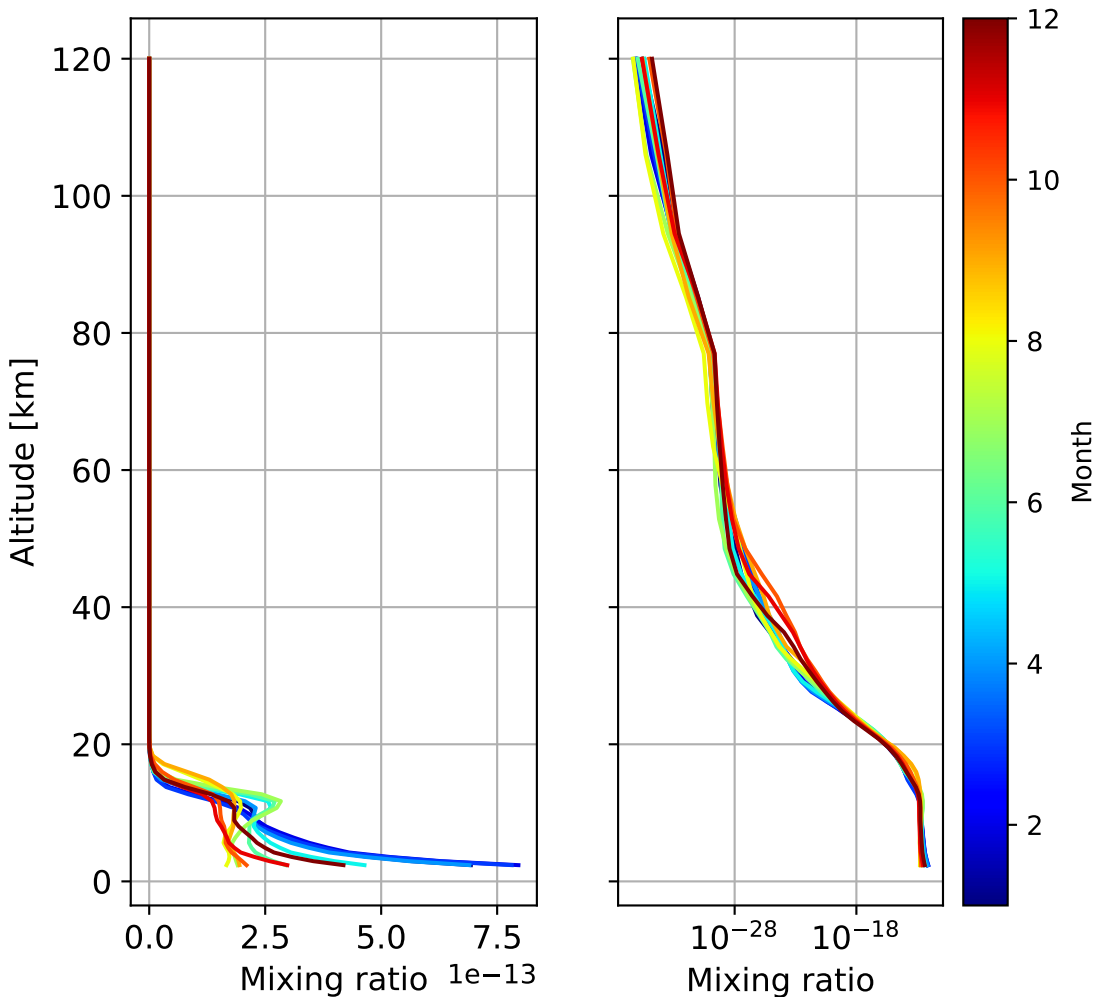
Time Series of vertical profiles (site altitude - 120 km)



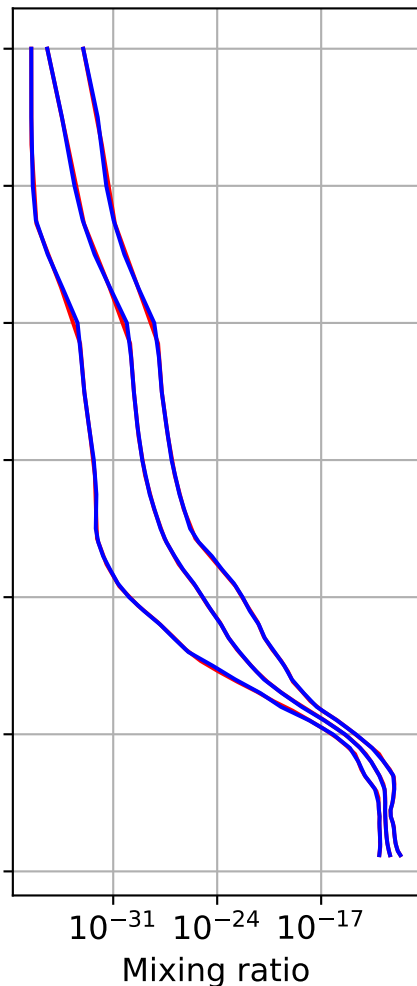
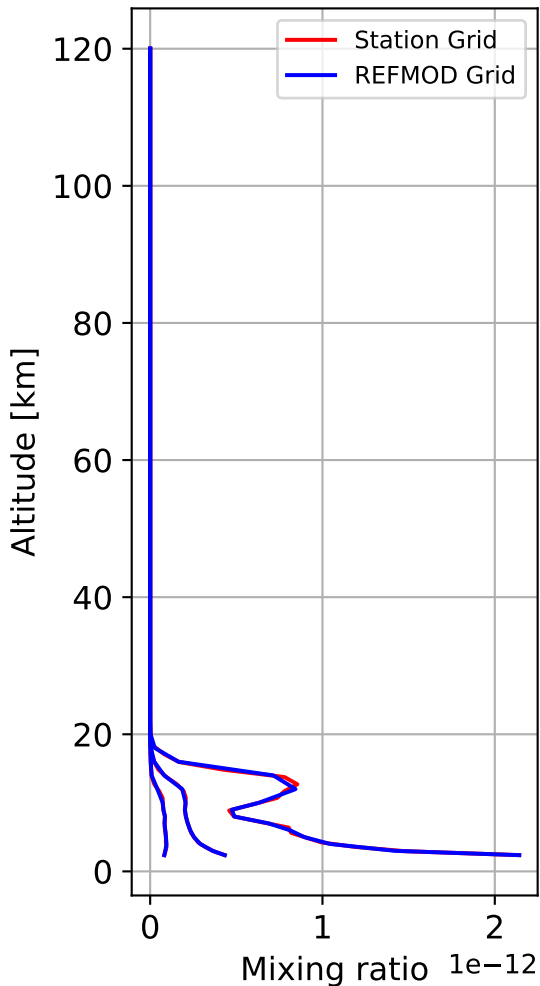
Time Series of vertical profiles (site altitude - 40 km)



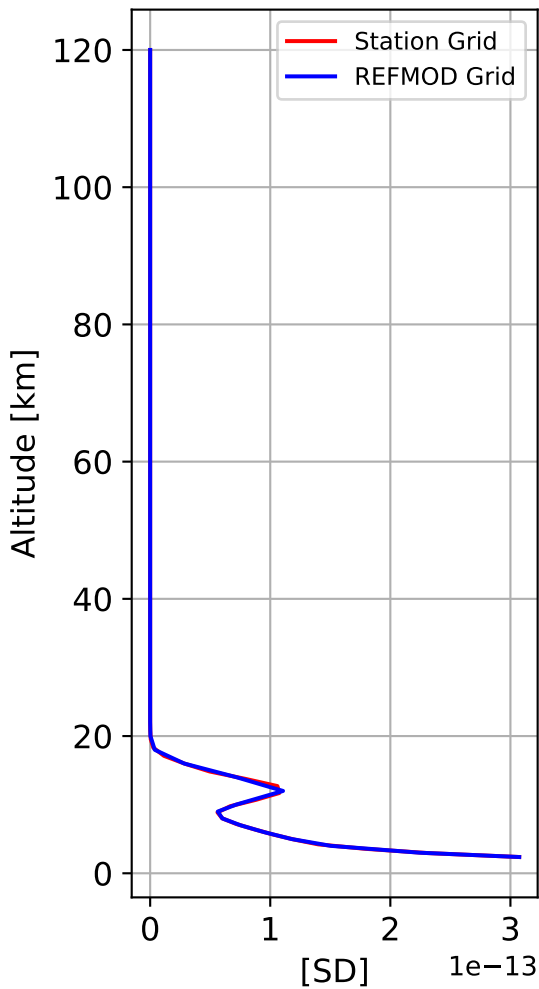
Monthly mean WACCM profile (interpolated to station grid) Izana, 28.3N, 343.52E, 2.37kmasl



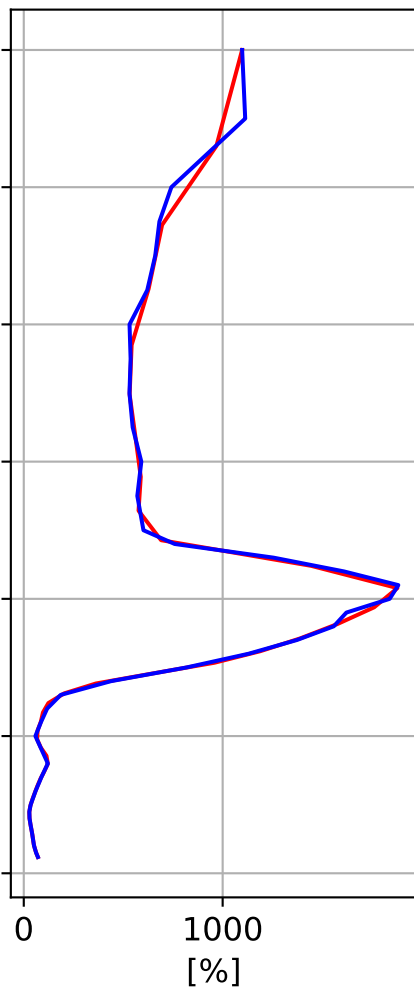
Min, Max, Mean of 732 profiles
Izana, 28.3N, 343.52E, 2.37kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

 $1e-26$

Altitude [km]

120
100
80
60
40
20

20

40

60

80

100

120

Altitude [km]

8.75
7.50
6.25
5.00
3.75
2.50
1.25
0.00Mixing ratio²]