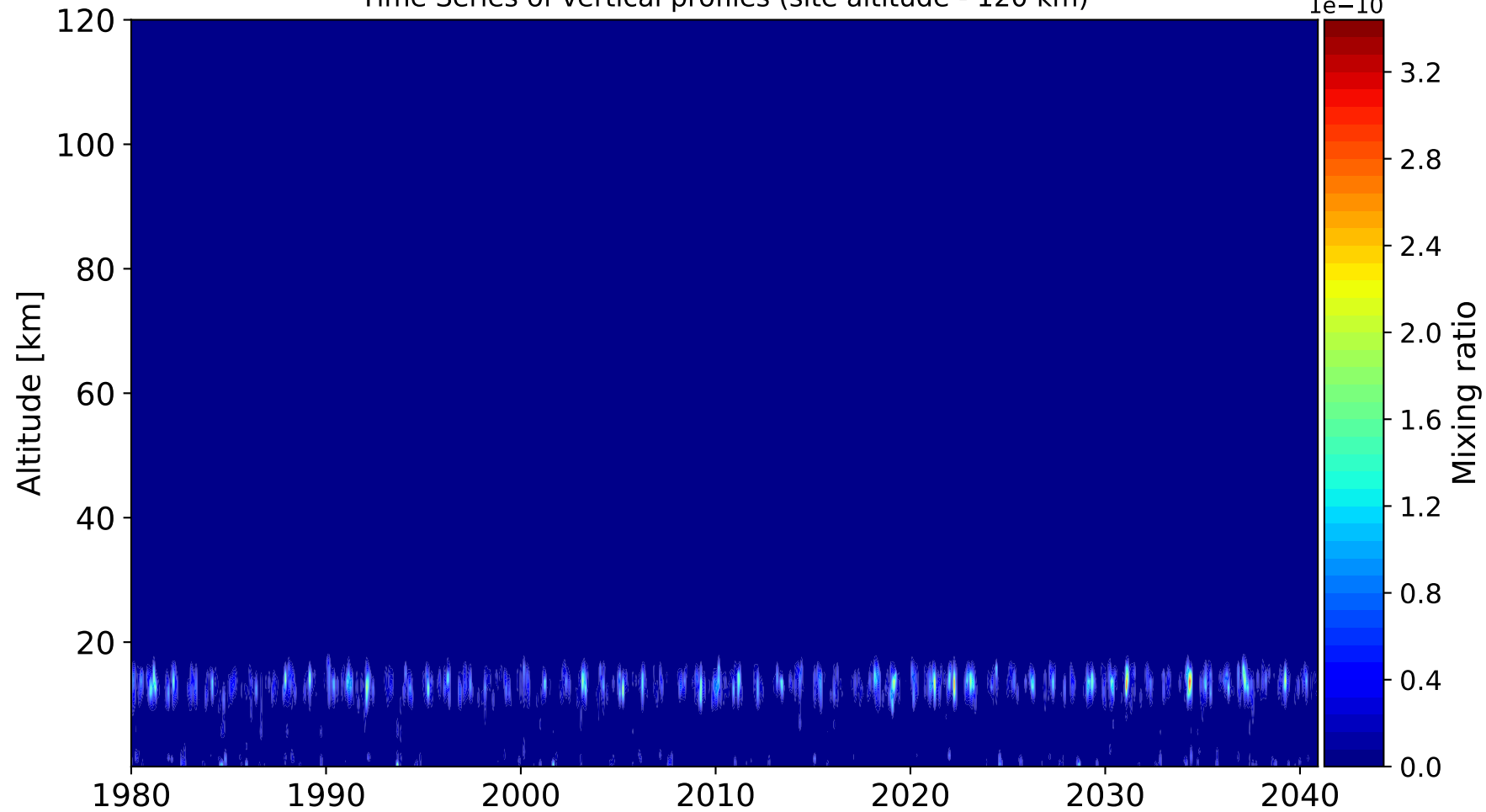
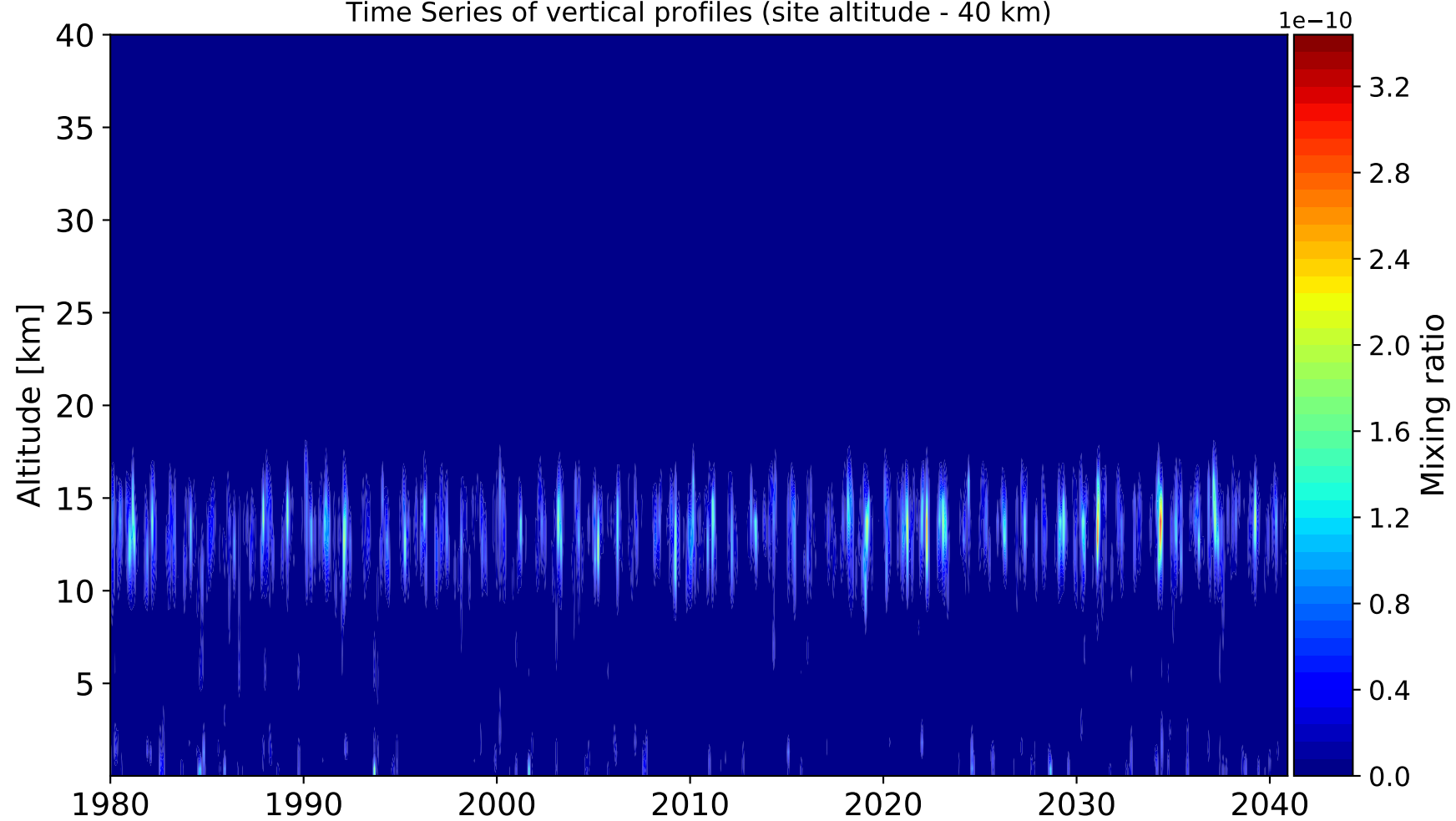


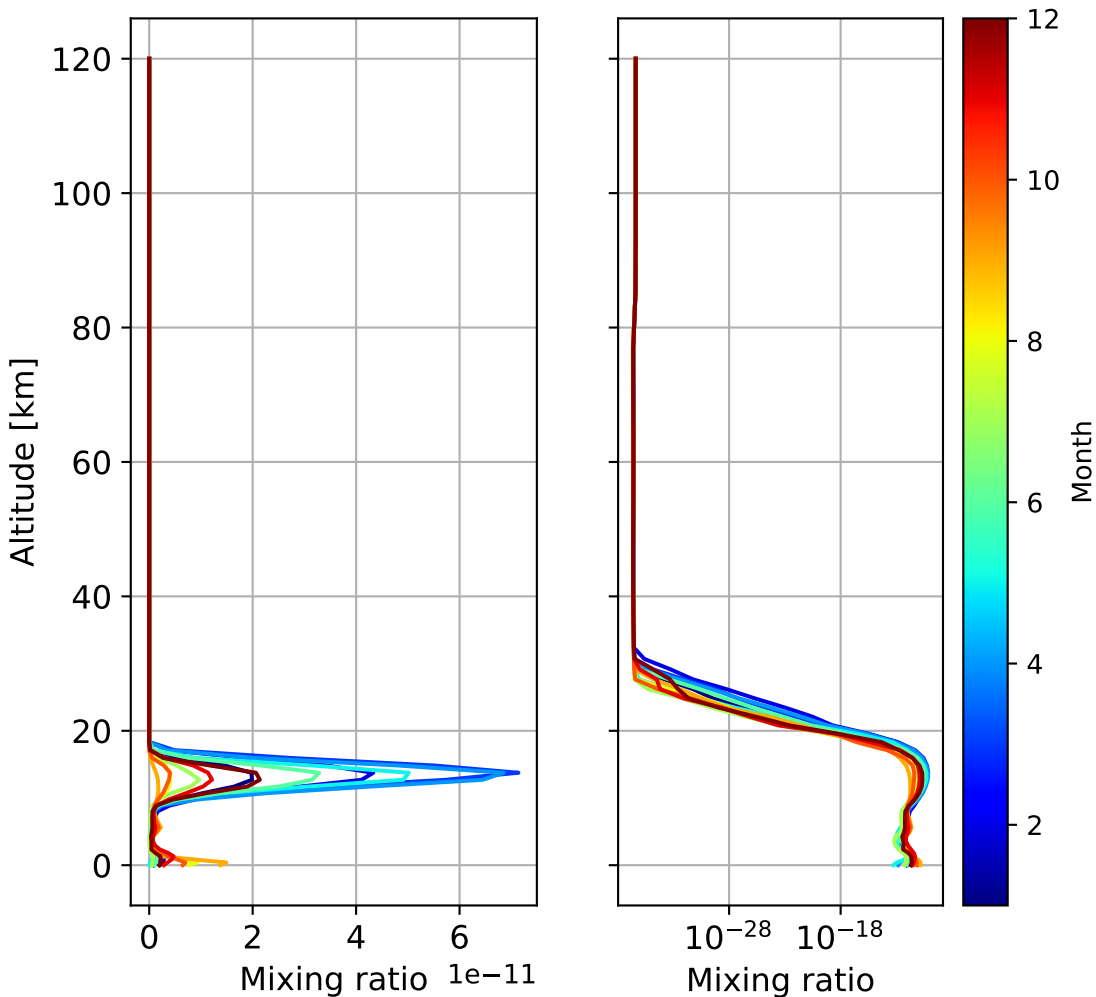
Time Series of vertical profiles (site altitude - 120 km)



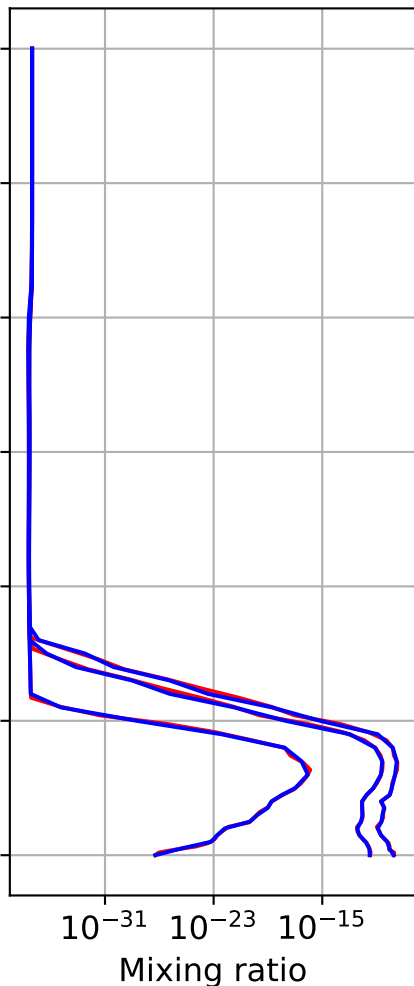
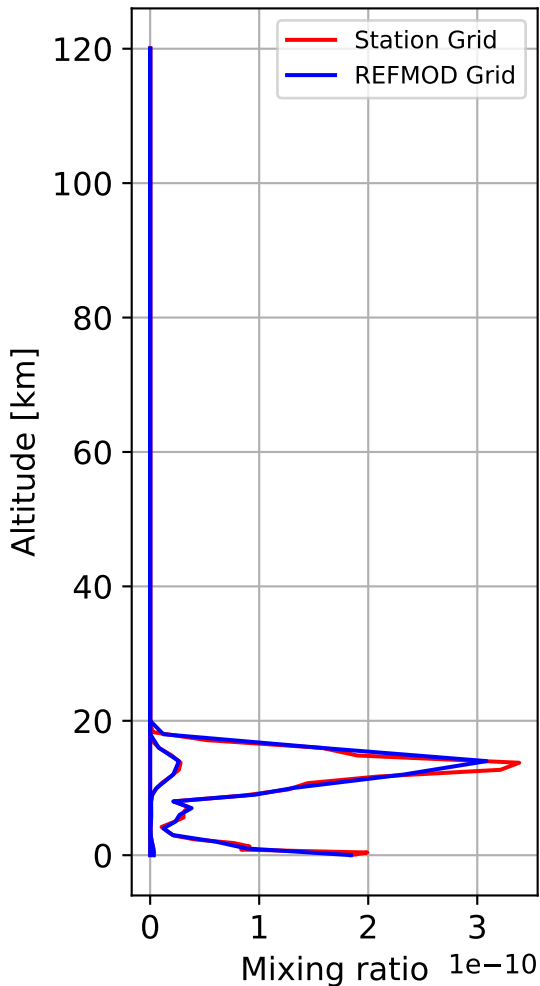
Time Series of vertical profiles (site altitude - 40 km)



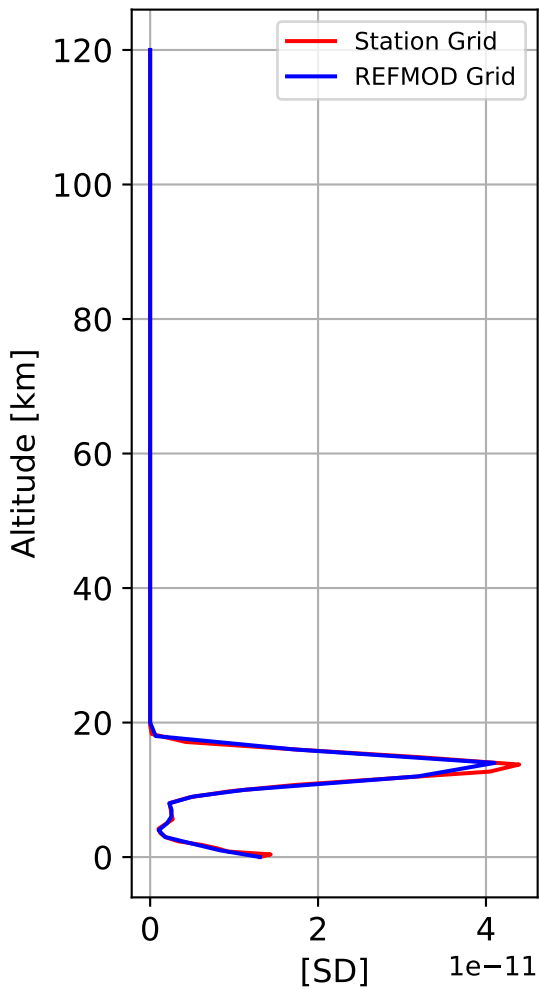
Monthly mean WACCM profile (interpolated to station grid)
Palau, 7.342N, 134.4273E, 0.01kmasl



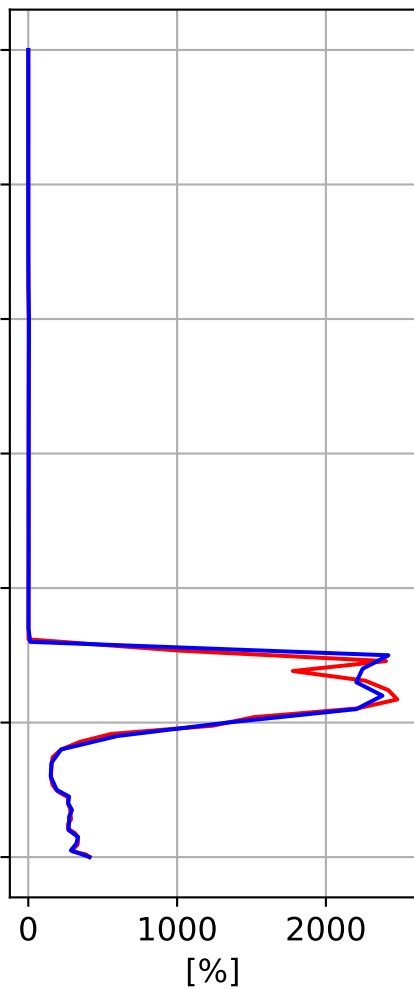
Min, Max, Mean of 732 profiles
Palau, 7.342N, 134.4273E, 0.01kmasl



Std. Deviation



Percent Deviation



Level covariance matrix

$1e-21$

Altitude [km]

120

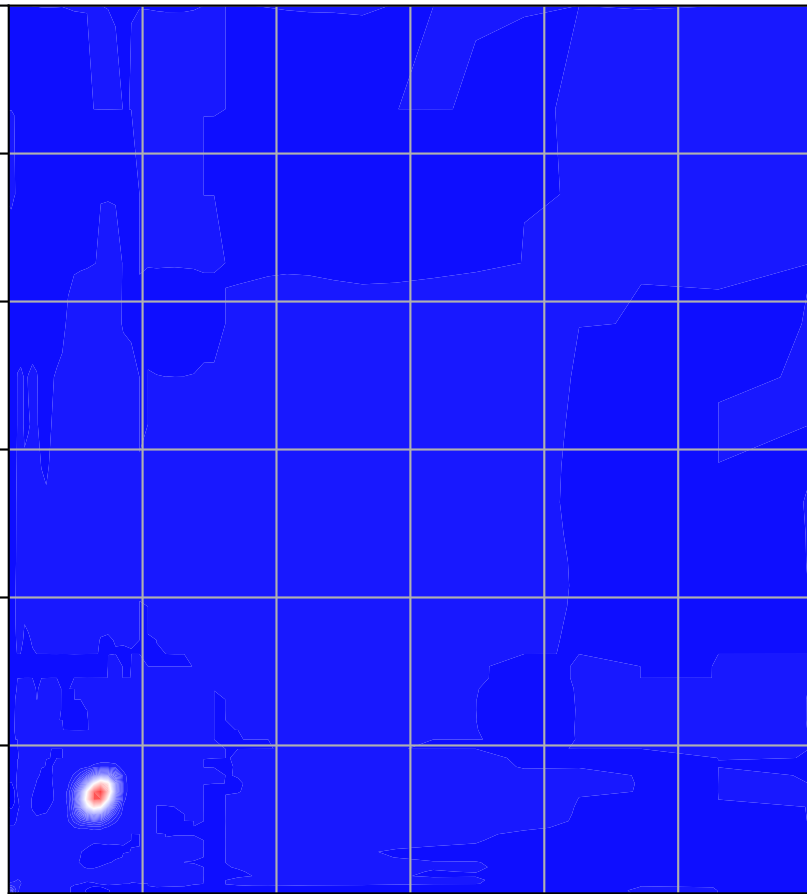
100

80

60

40

20



1.92

1.68

1.44

1.20

0.96

0.72

0.48

0.24

0.00

Mixing ratio²

Altitude [km]