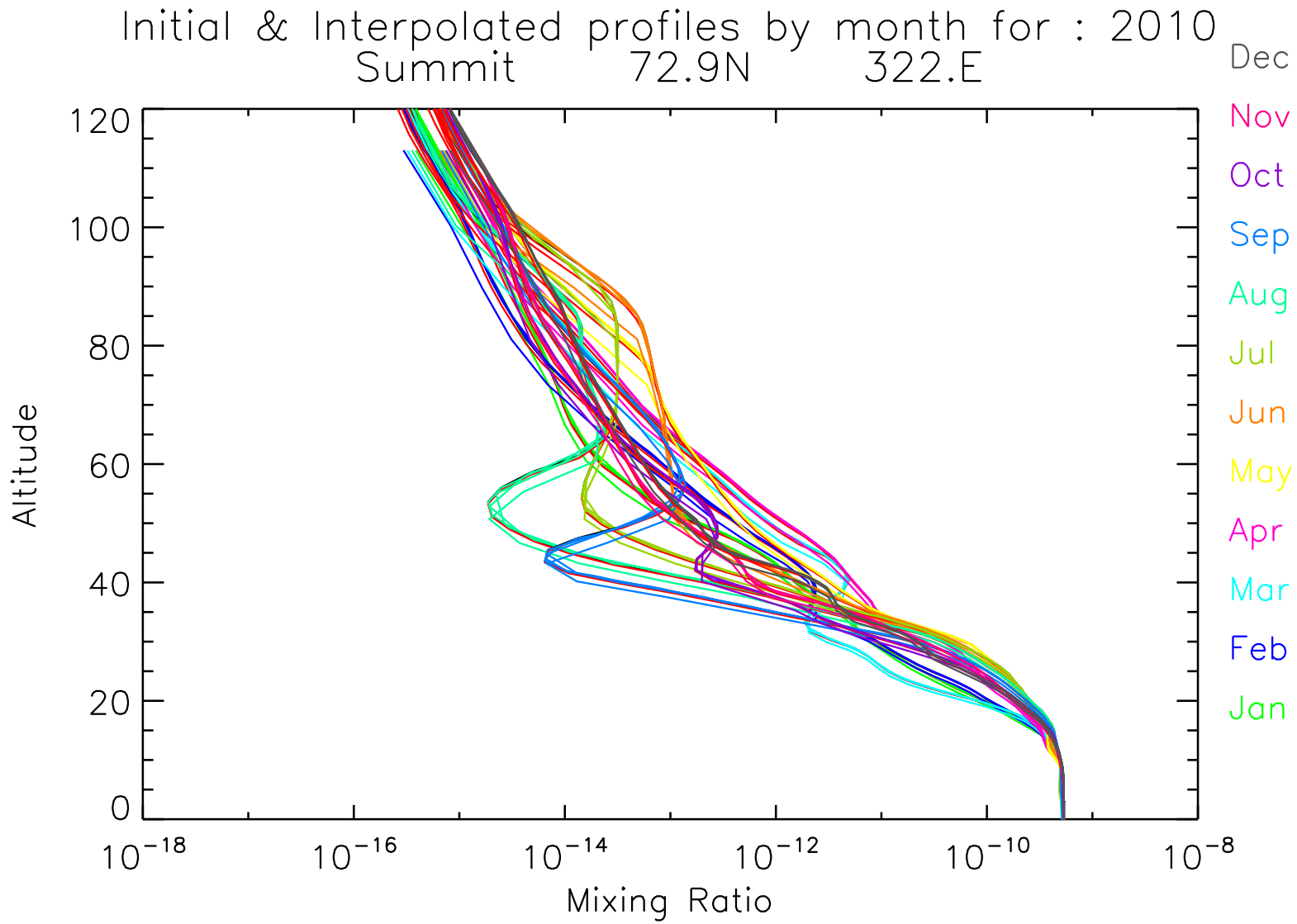
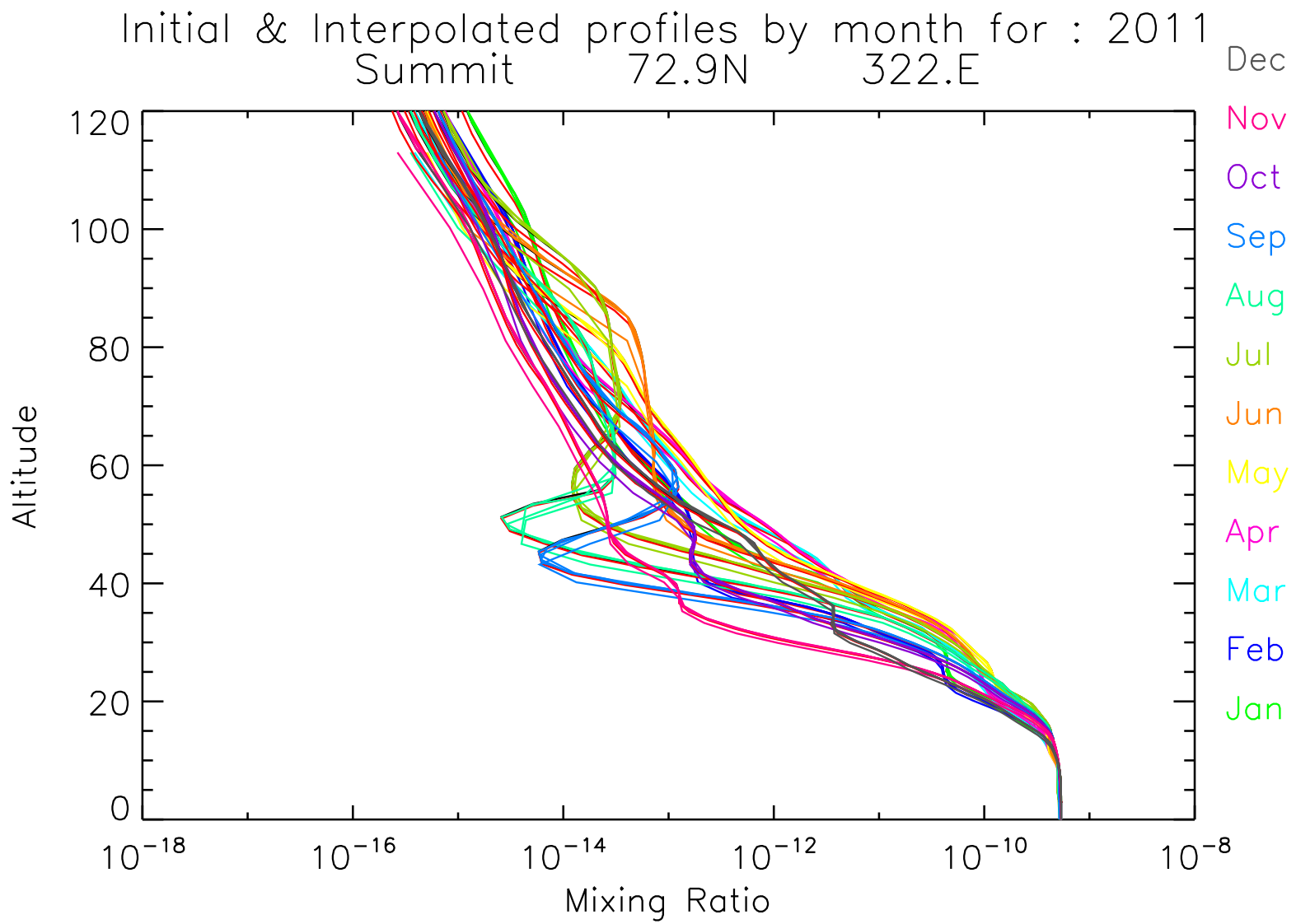
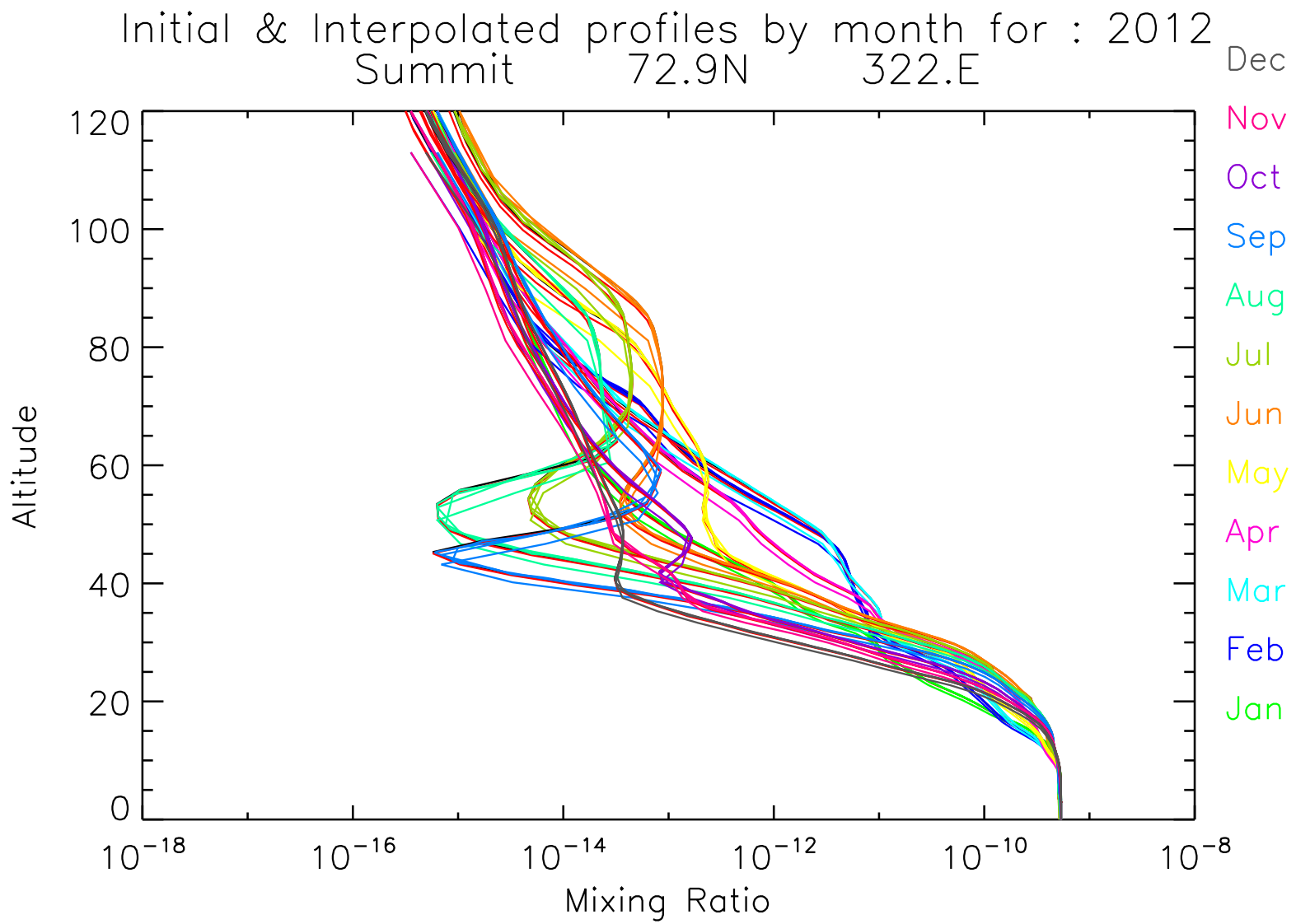
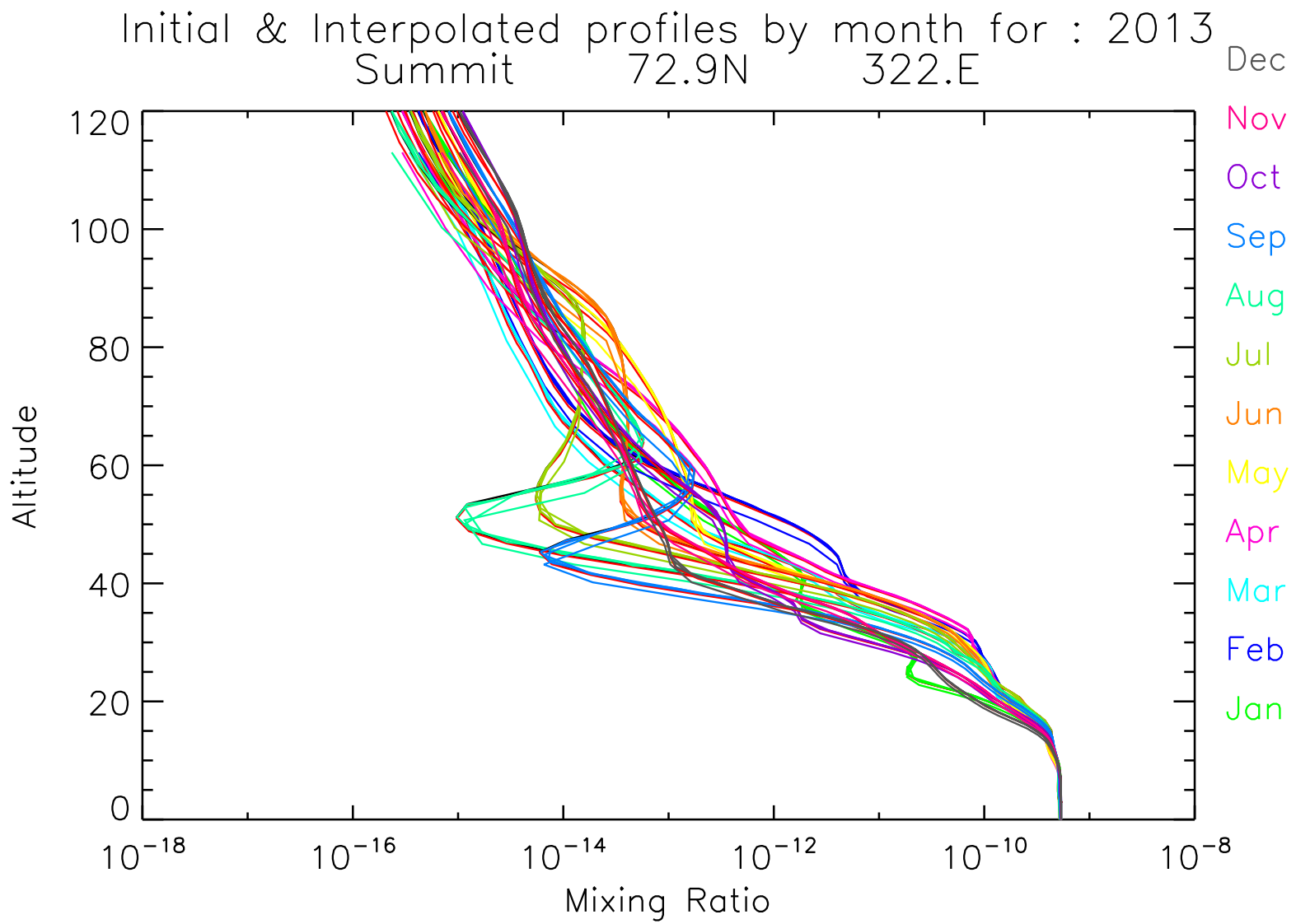
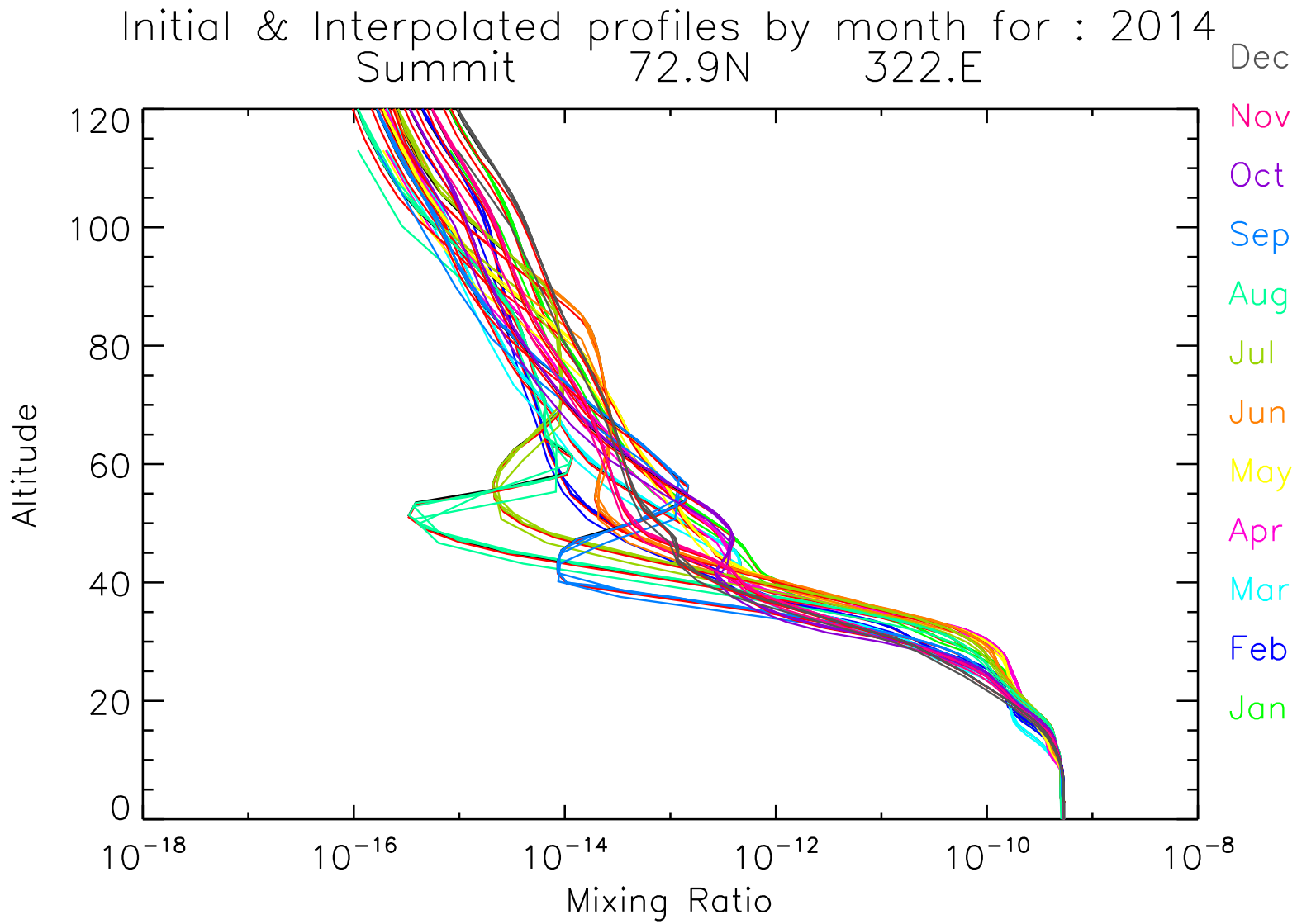
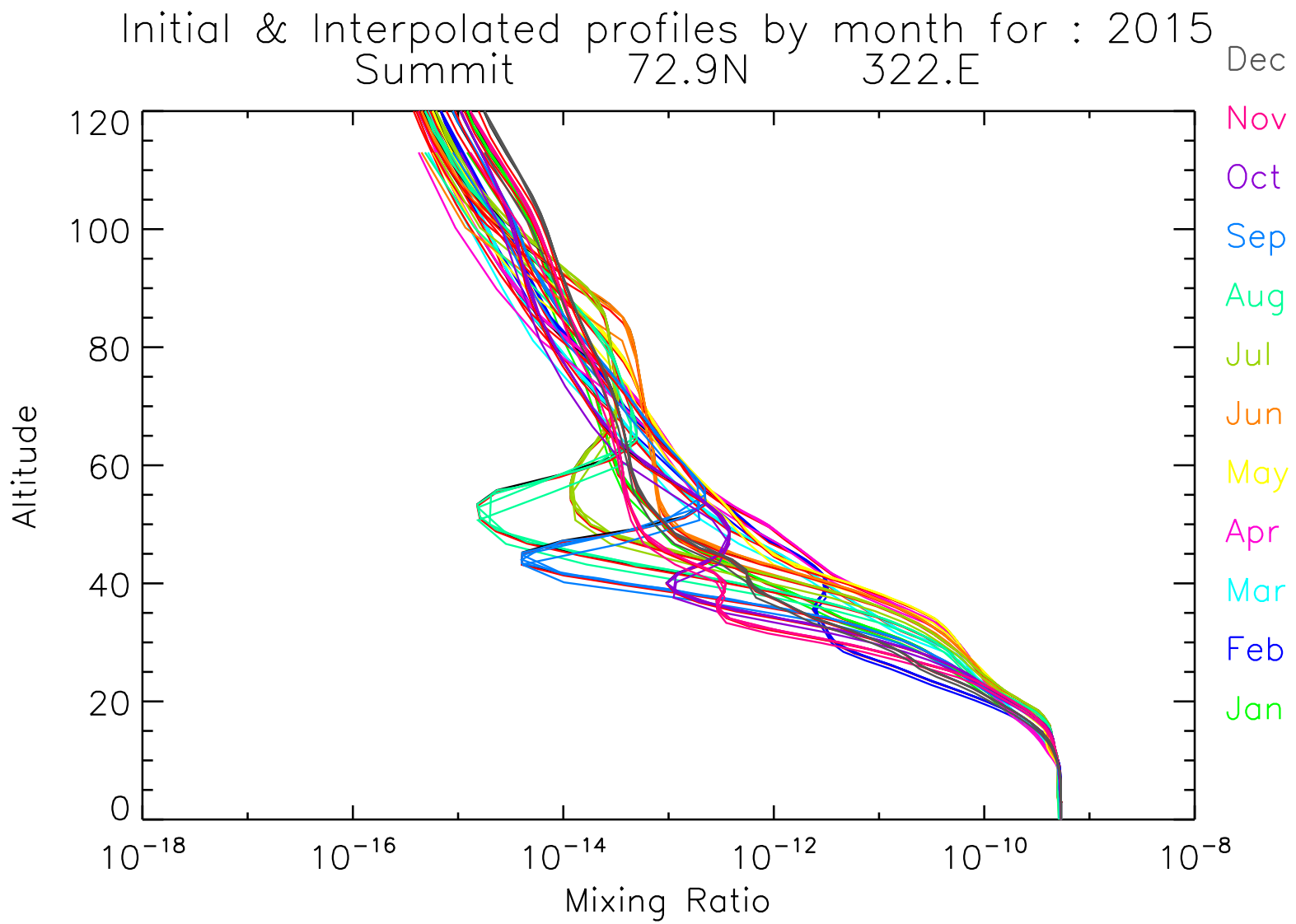

Initial & Interpolated profiles by month for : 2010
Summit 72.9N 322.E
Altitude
120
100
80
60
40
20
0
10^{-18}
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

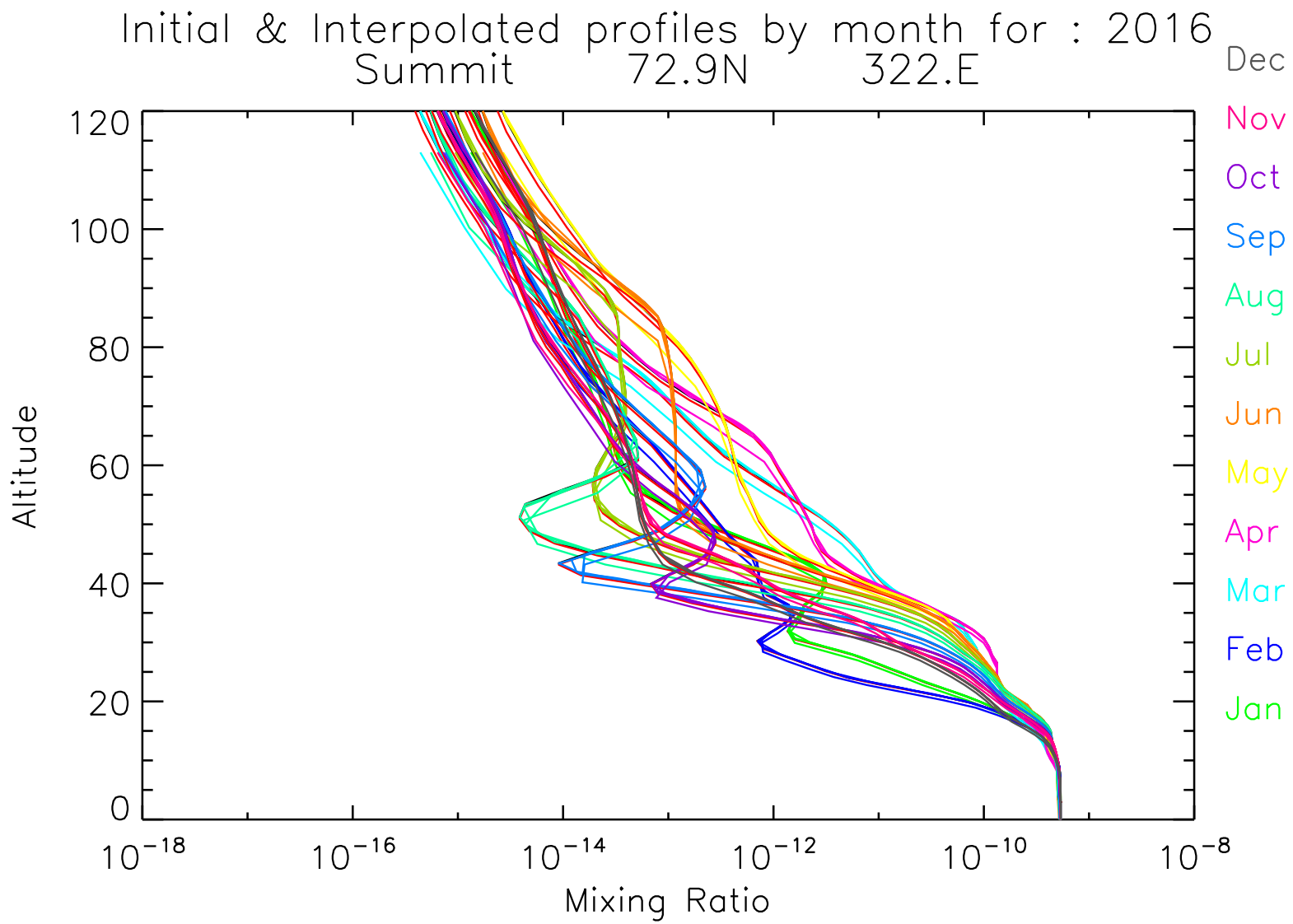

Initial & Interpolated profiles by month for : 2011
Summit 72.9N 322.E
Altitude
120
100
80
60
40
20
0
10^{-18}
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

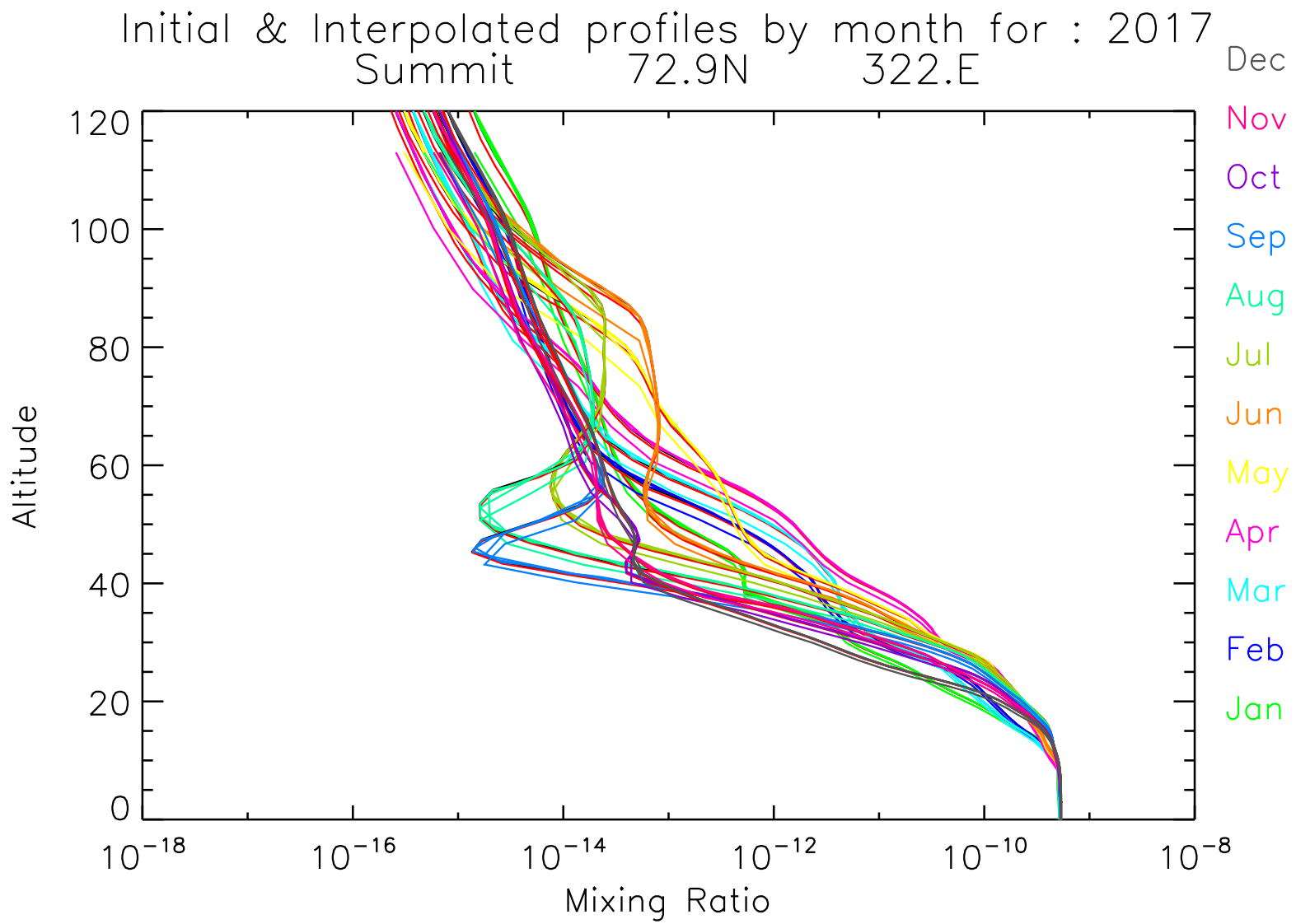

Initial & Interpolated profiles by month for : 2012
Summit 72.9N 322.E
Altitude
120
100
80
60
40
20
0
10^{-18}
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

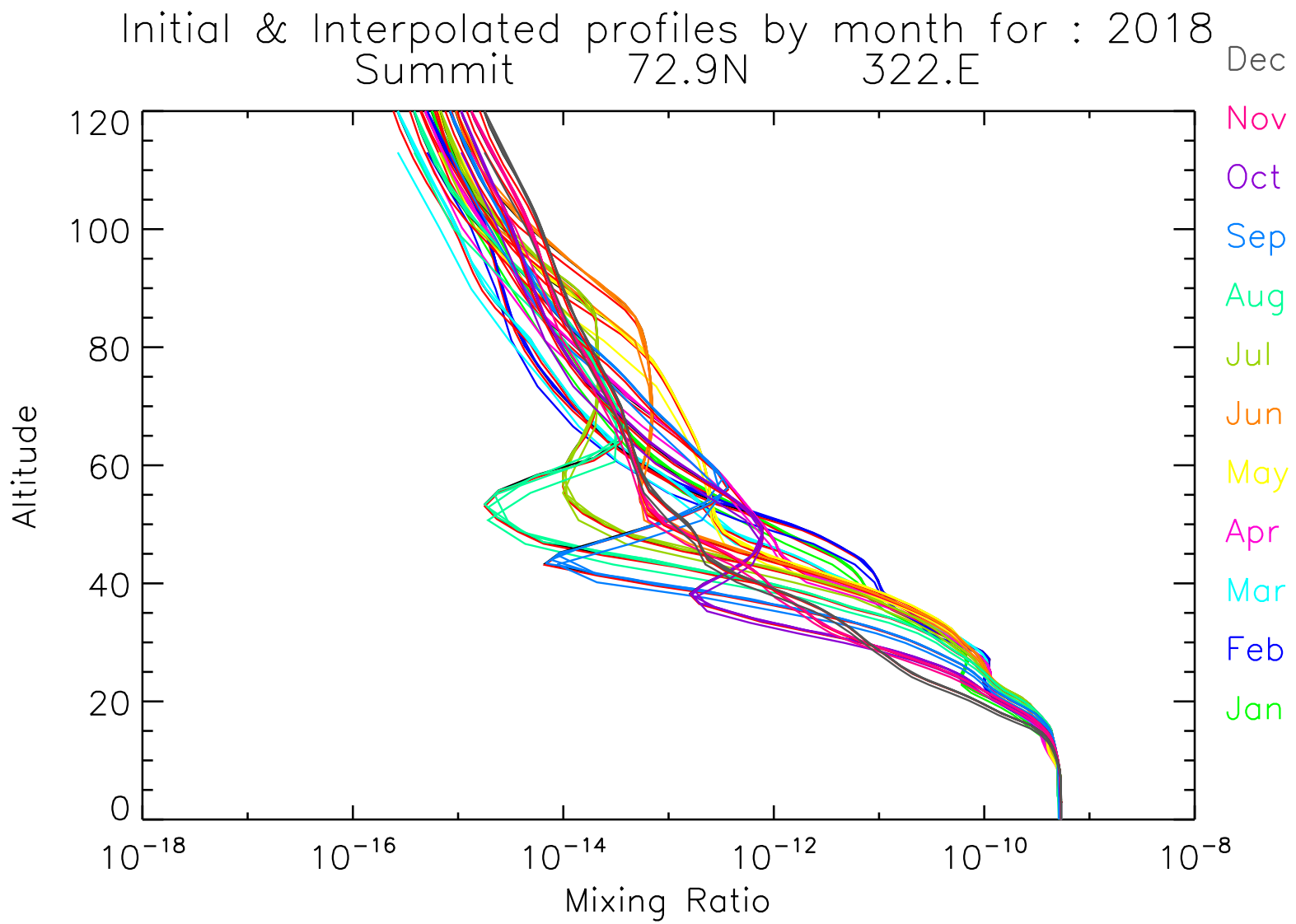

Initial & Interpolated profiles by month for : 2013
Summit 72.9N 322.E
Altitude
120
100
80
60
40
20
0
10^{-18}
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

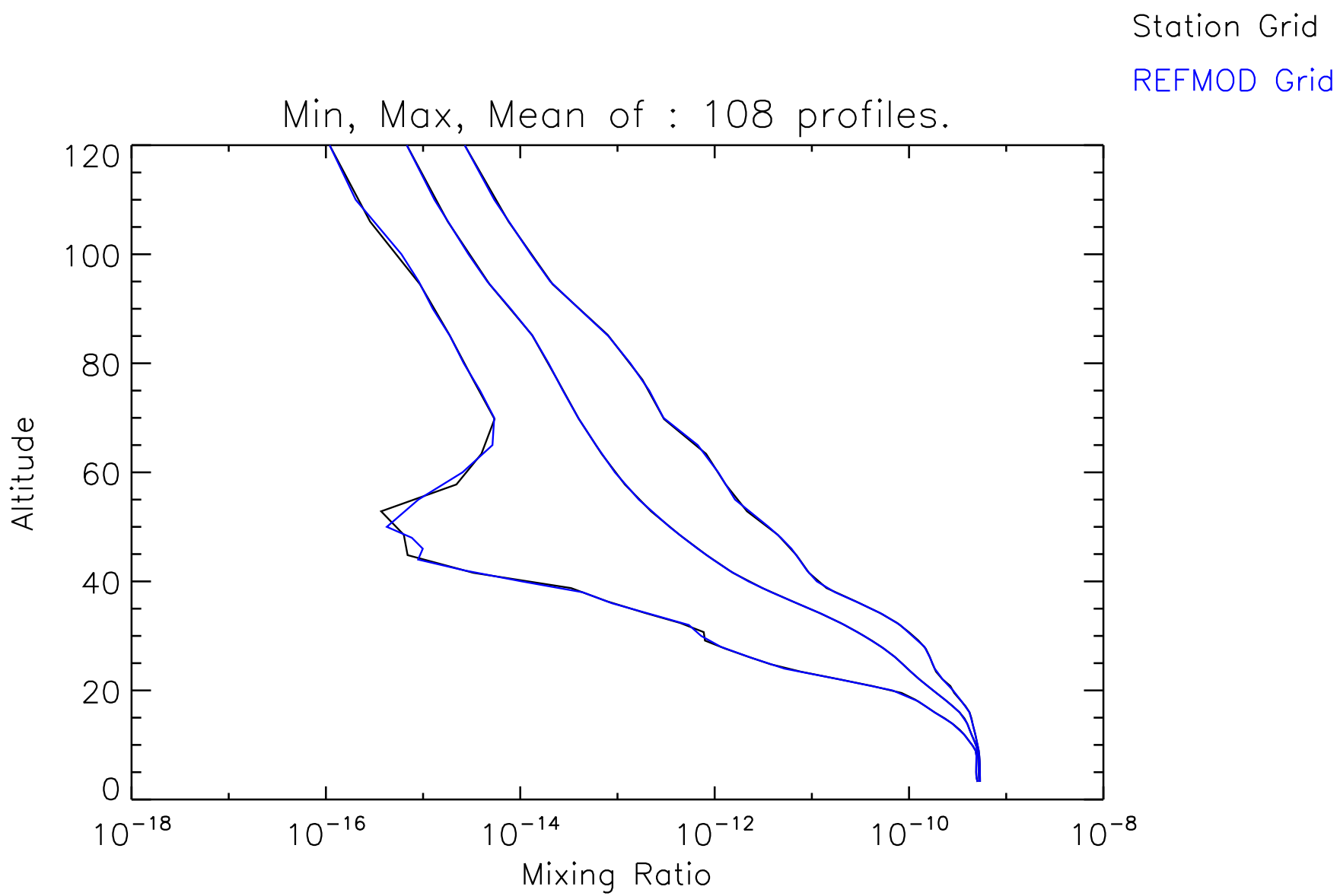

Initial & Interpolated profiles by month for : 2014
Summit 72.9N 322.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-18}
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
Mixing Ratio

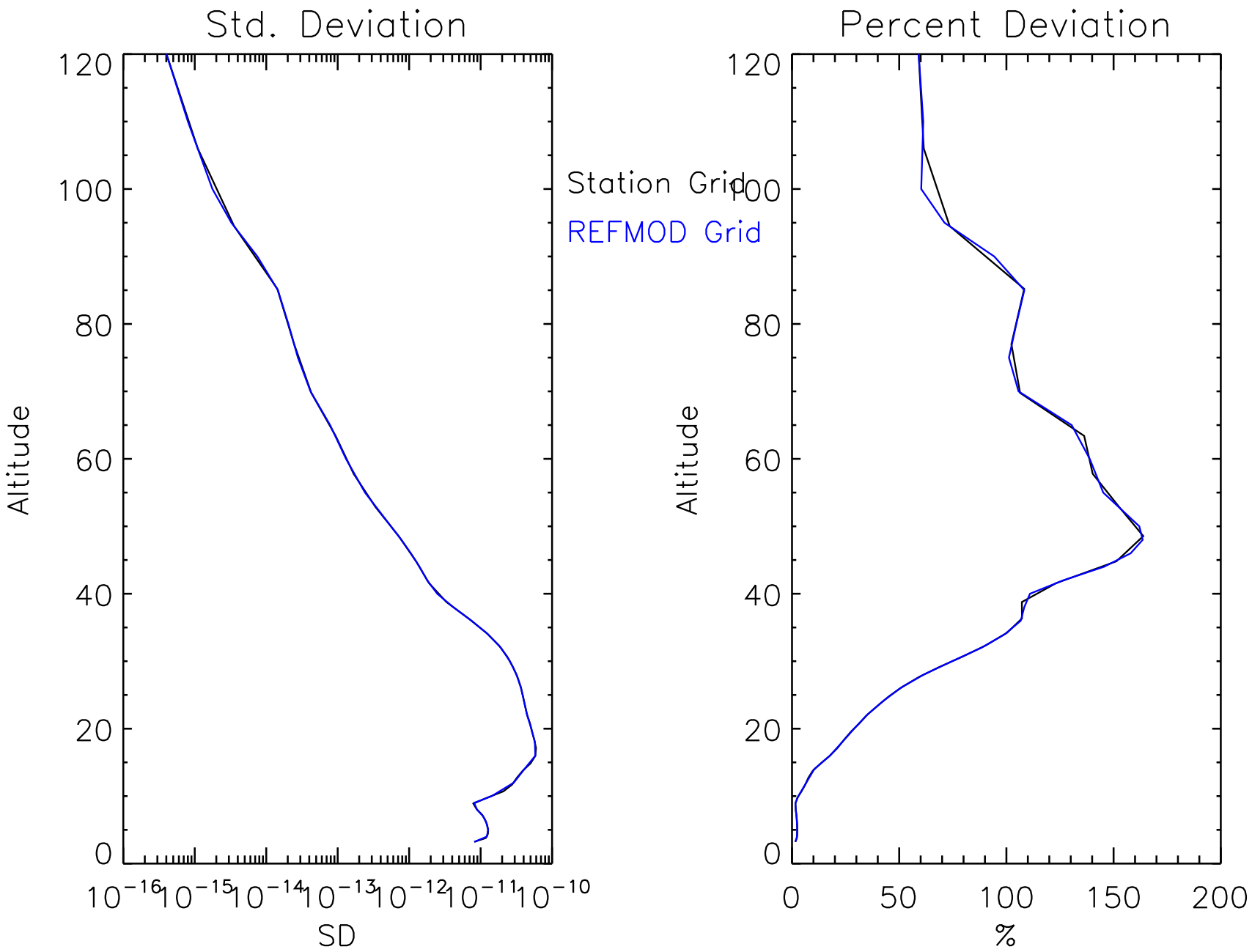

Initial & Interpolated profiles by month for : 2015
Summit 72.9N 322.E
Altitude
120
100
80
60
40
20
0
10^{-18}
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

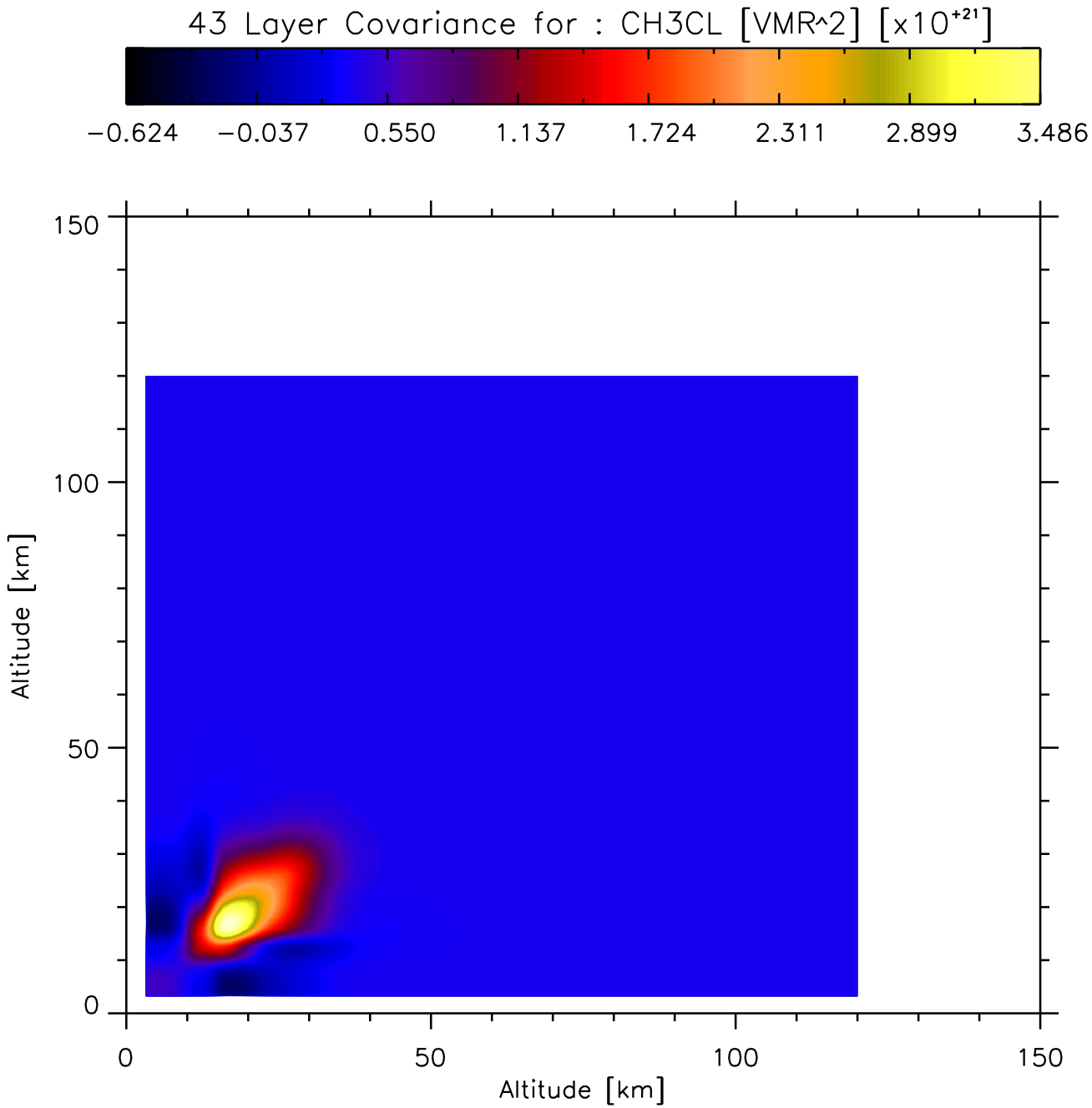

Initial & Interpolated profiles by month for : 2016
Summit 72.9N 322.E
Altitude
120
100
80
60
40
20
0
10^{-18}
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

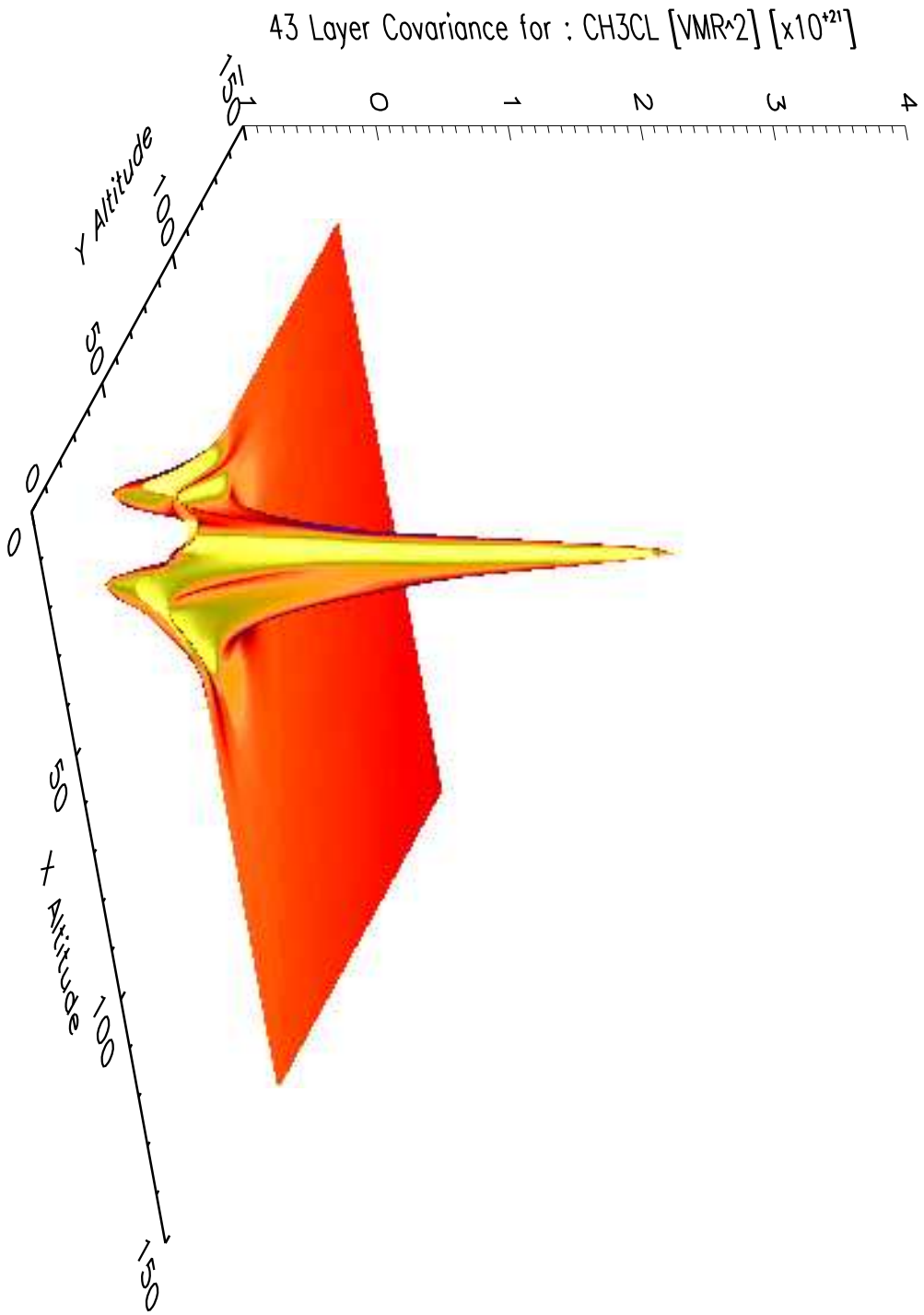

Initial & Interpolated profiles by month for : 2017
Summit 72.9N 322.E
Altitude
120
100
80
60
40
20
0
10^{-18}
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

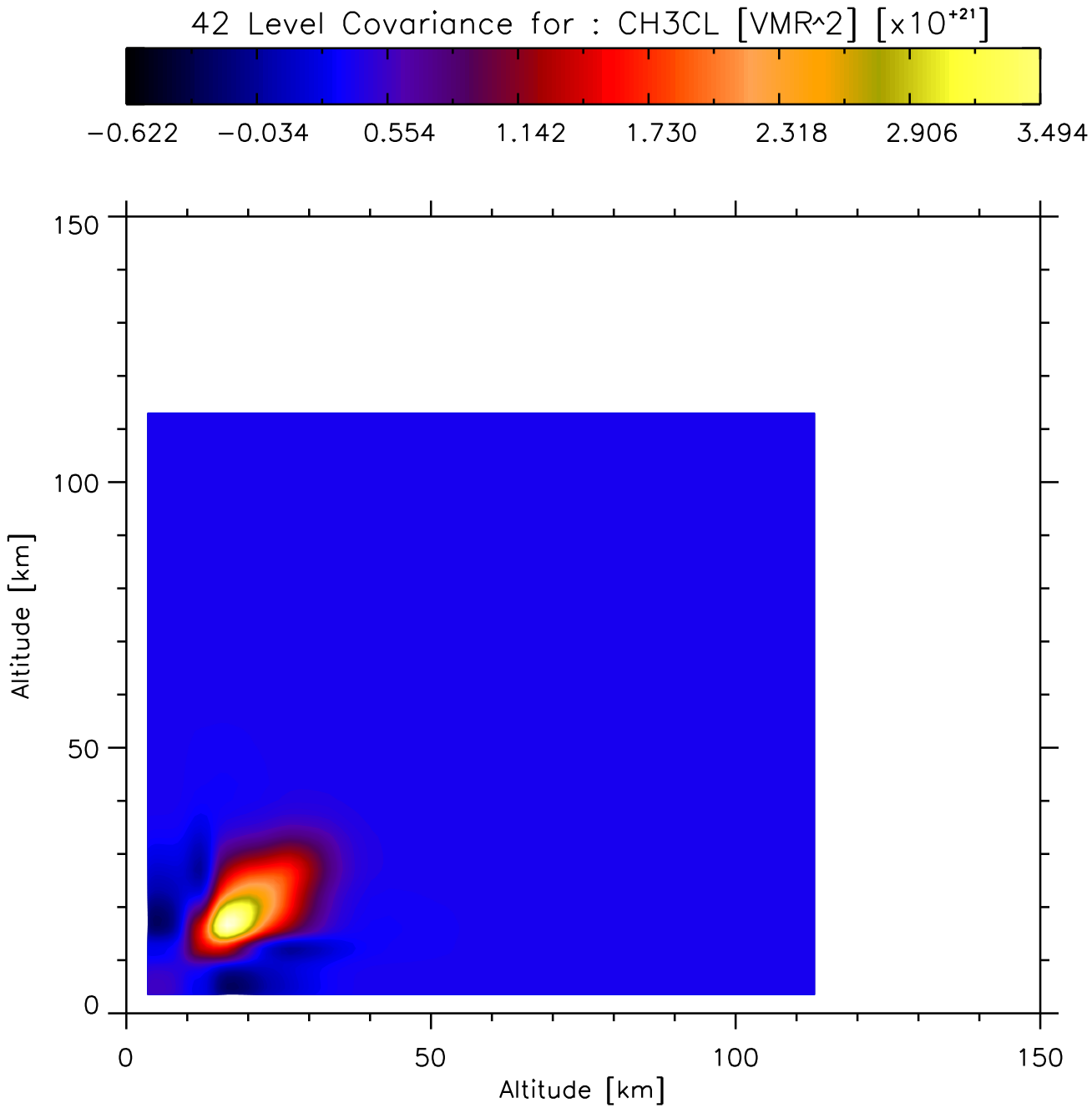

Initial & Interpolated profiles by month for : 2018
Summit 72.9N 322.E
Altitude
120
100
80
60
40
20
0
10^{-18}
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

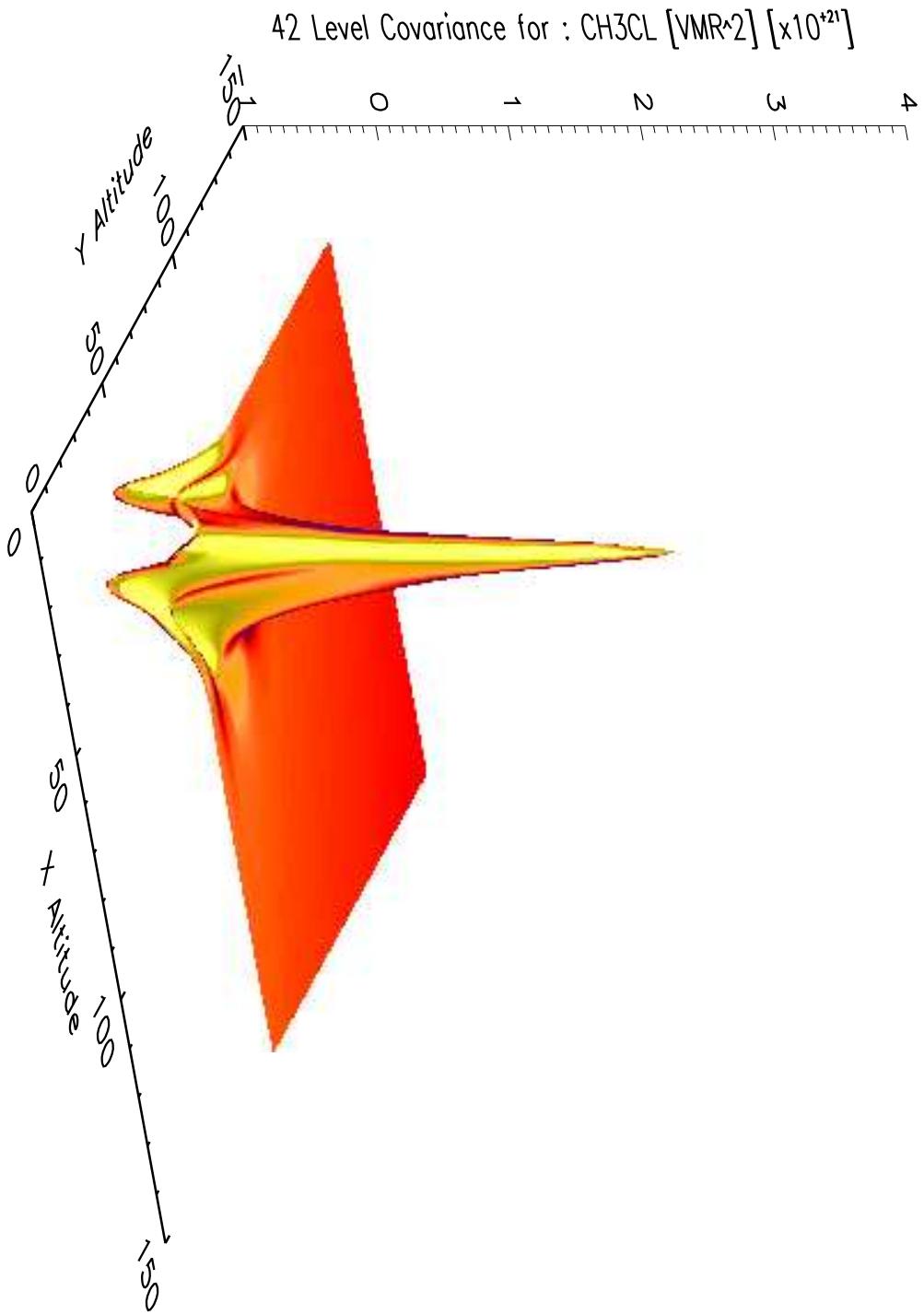

Station Grid
REFMOD Grid
Min, Max, Mean of : 108 profiles.
Altitude
120
100
80
60
40
20
0
10^{-18}
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
Mixing Ratio


Std. Deviation
Percent Deviation
Station Grid
REFMOD Grid
Altitude
Altitude
120
100
80
60
40
20
0
10^{-16} 10^{-15} 10^{-14} 10^{-13} 10^{-12} 10^{-11} 10^{-10}
SD
0
50
100
150
200
%


43 Layer Covariance for : CH3CL [VMR^2] [x10^+21]
−0.624
−0.037
0.550
1.137
1.724
2.311
2.899
3.486
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


43 Layer Covariance for : CH3CL [VMR^2] [x10^+21]
0
1
2
3
4
Y Altitude
0
50
100
150
X Altitude
0
50
100
150


42 Level Covariance for : CH3CL [VMR^2] [x10^+21]
−0.622
−0.034
0.554
1.142
1.730
2.318
2.906
3.494
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


42 Level Covariance for : CH3CL [VMR^2] [x10^+21]
-150
-100
-50
0
-1
0
1
2
3
4
Y Altitude
0
50
100
150
X Altitude
0
50
100
150