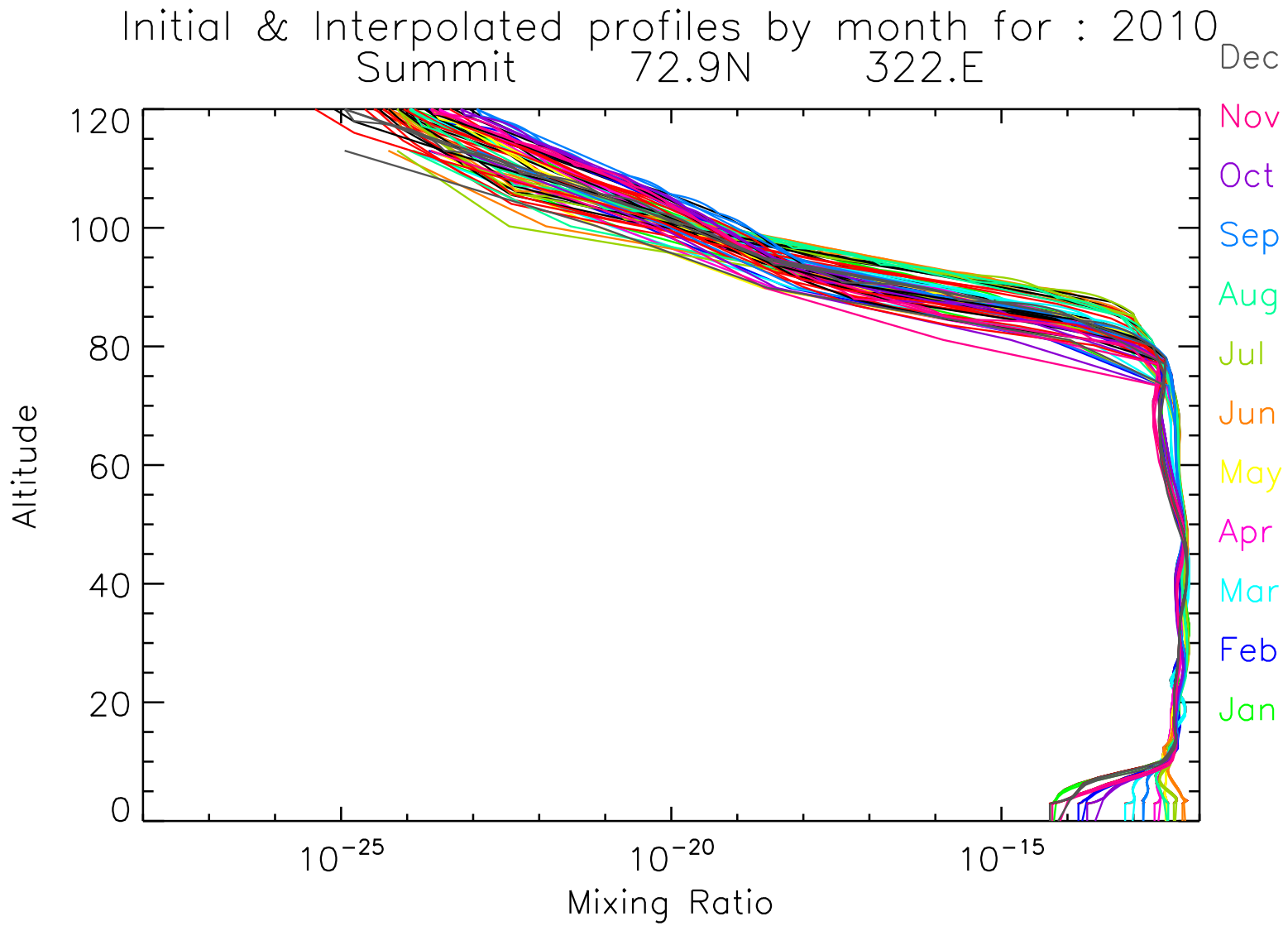
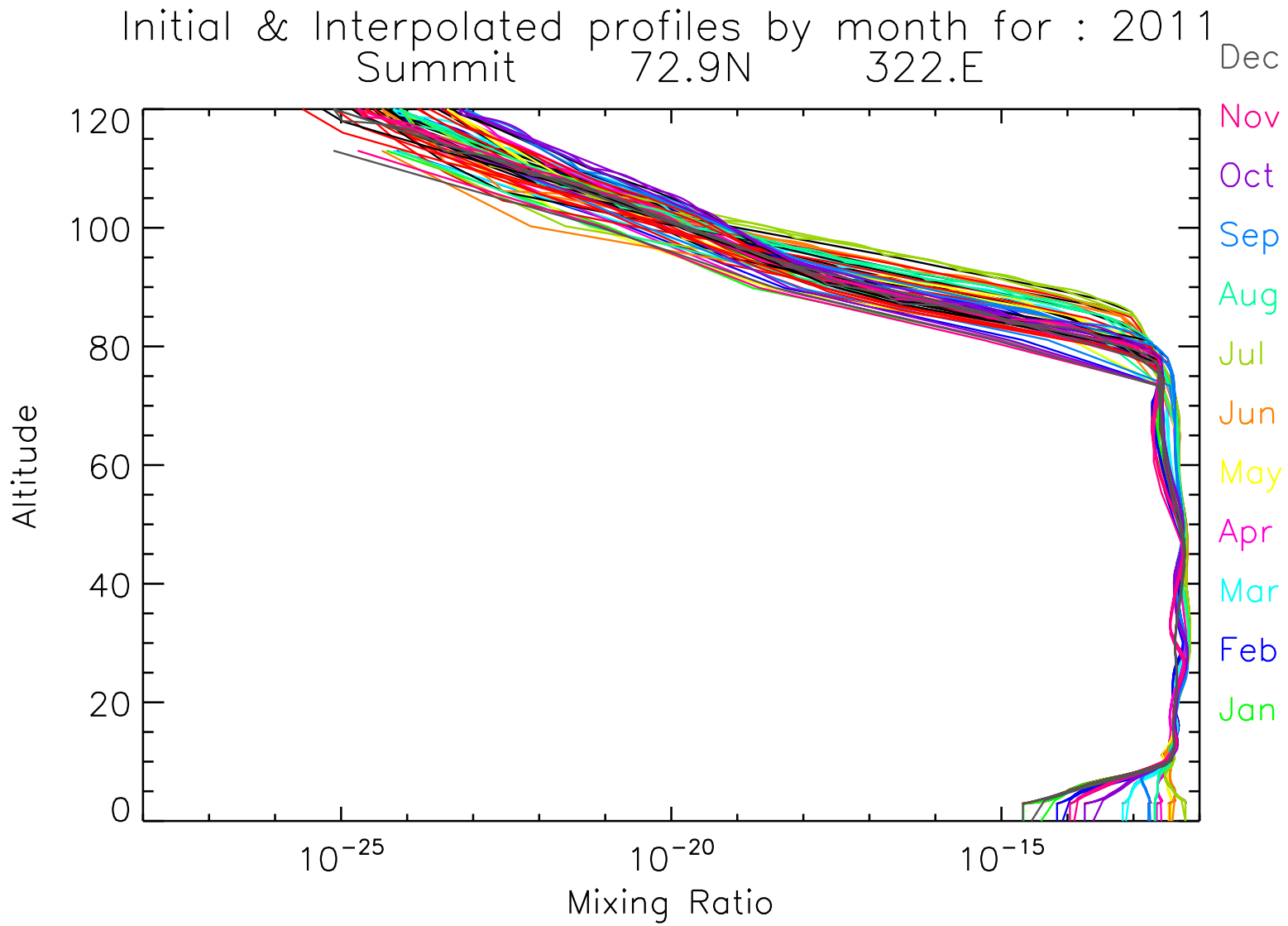
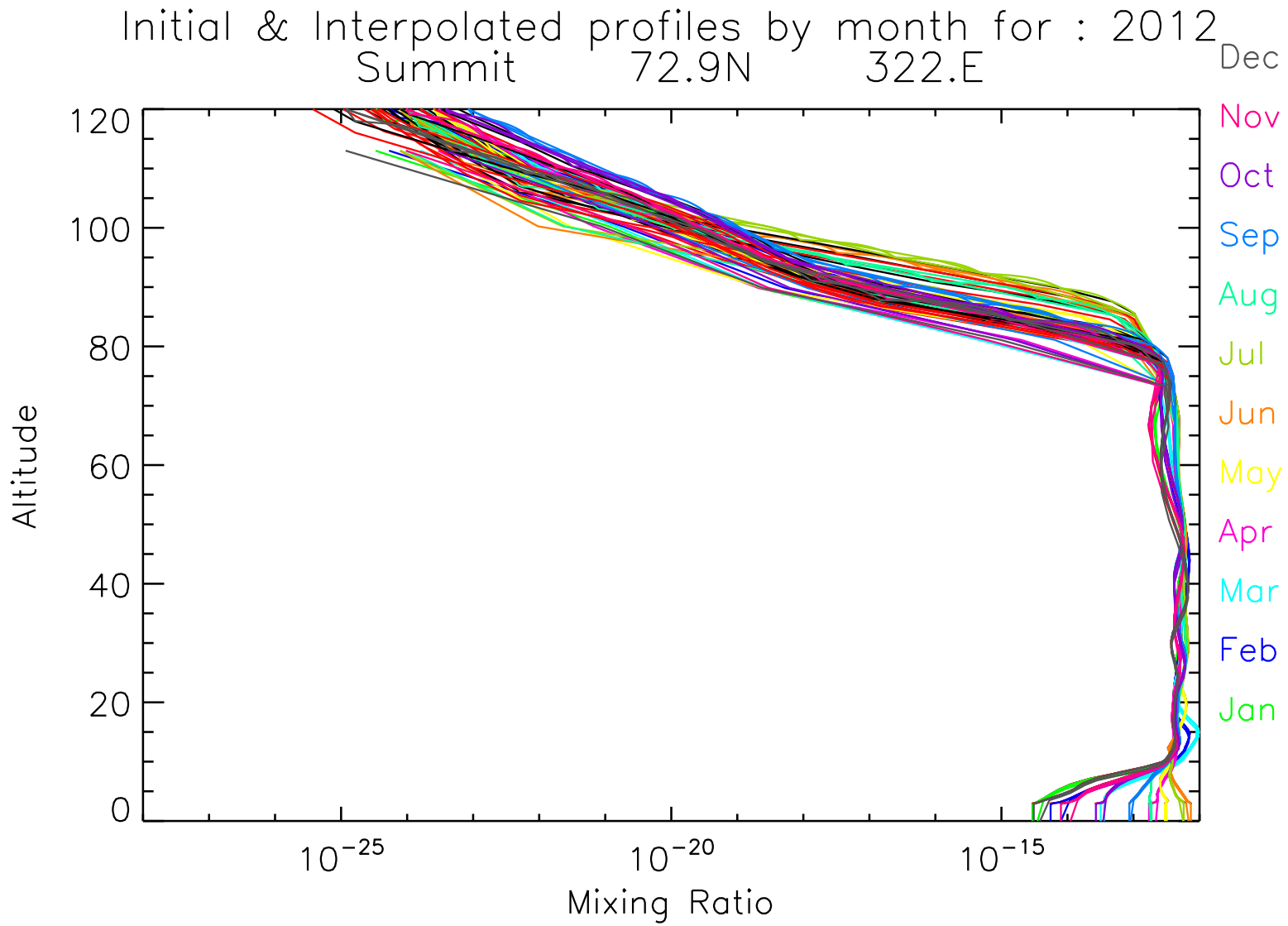
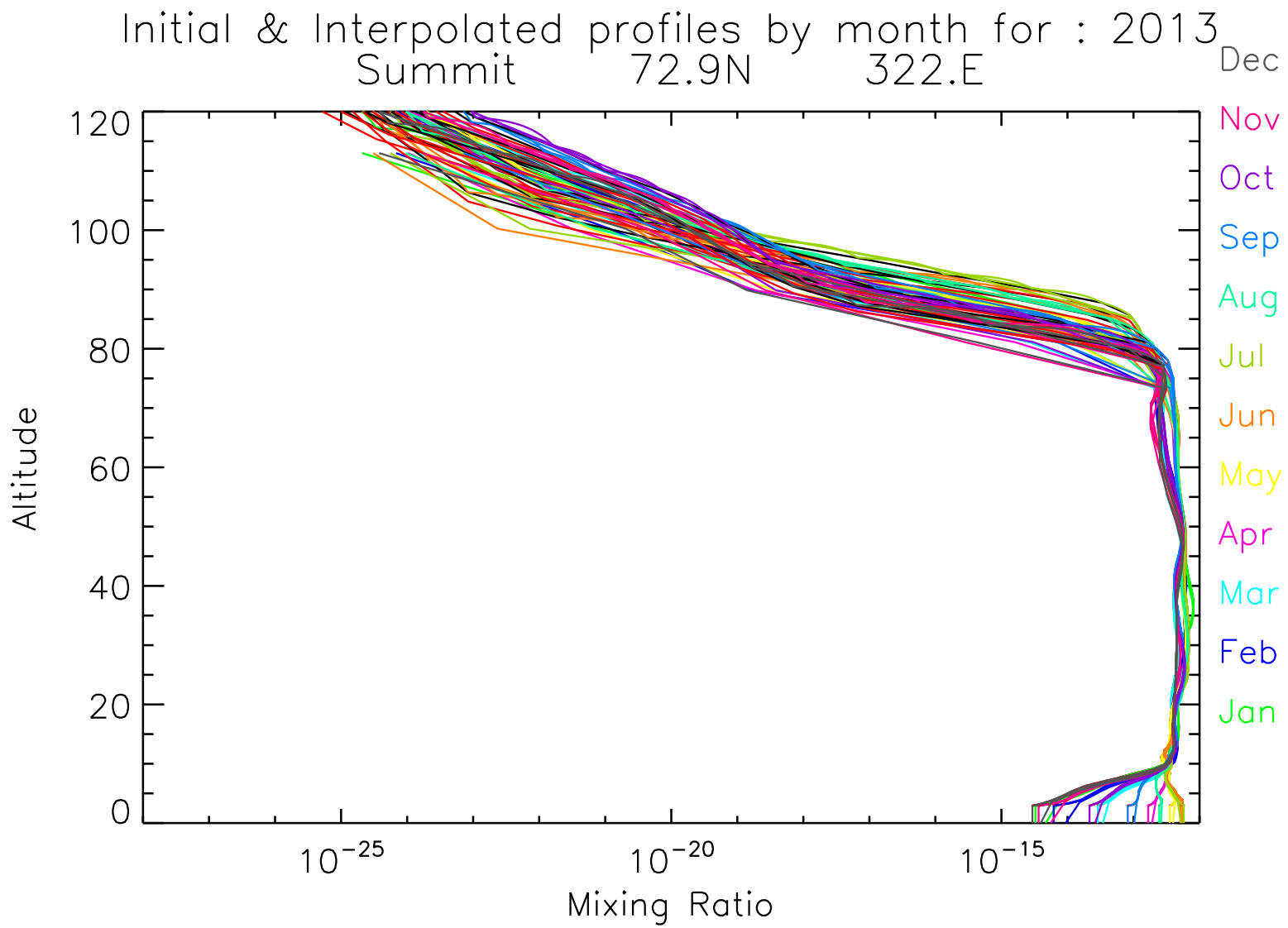
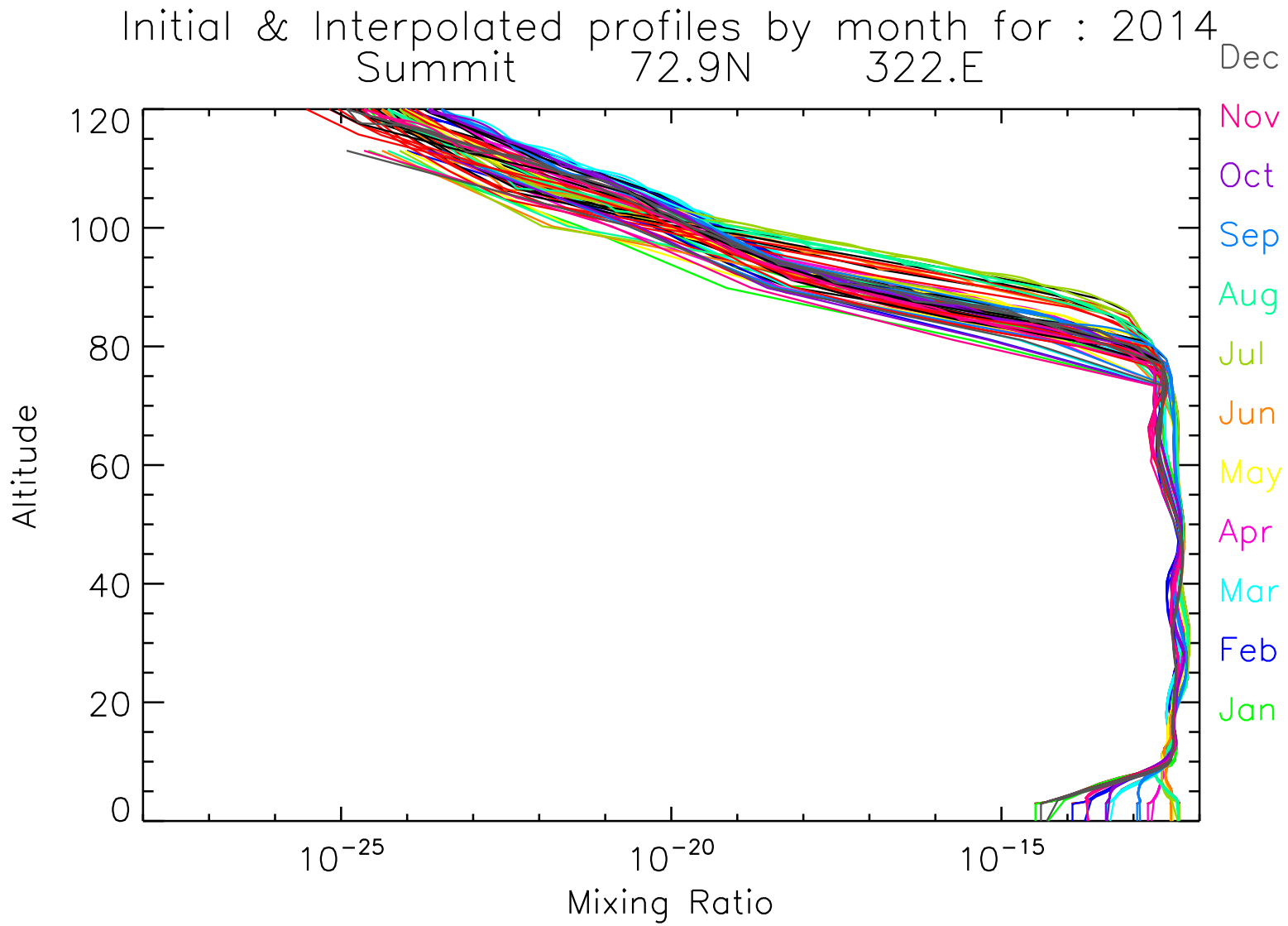
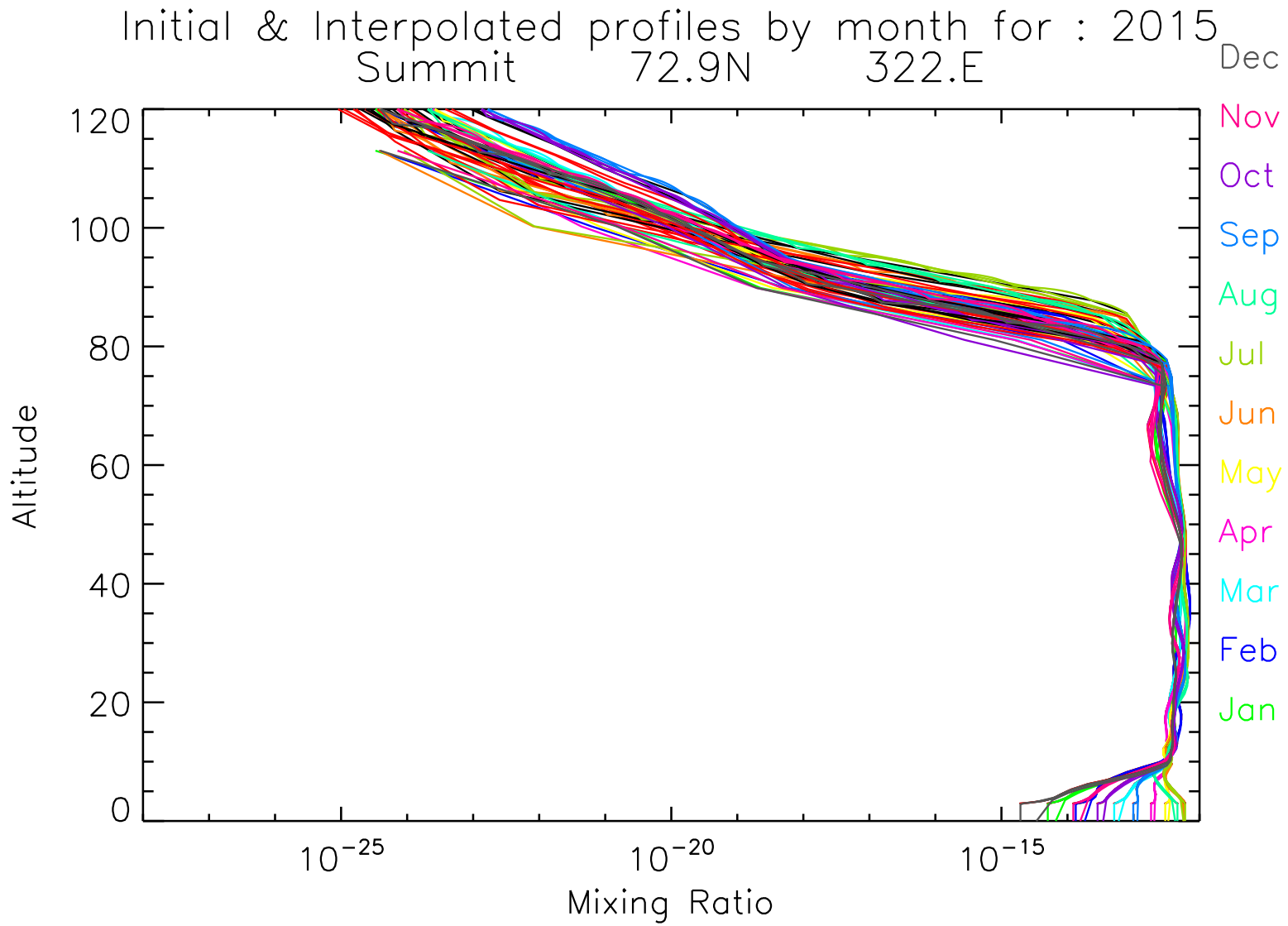

Initial & Interpolated profiles by month for : 2010
Summit 72.9N 322.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
Mixing Ratio

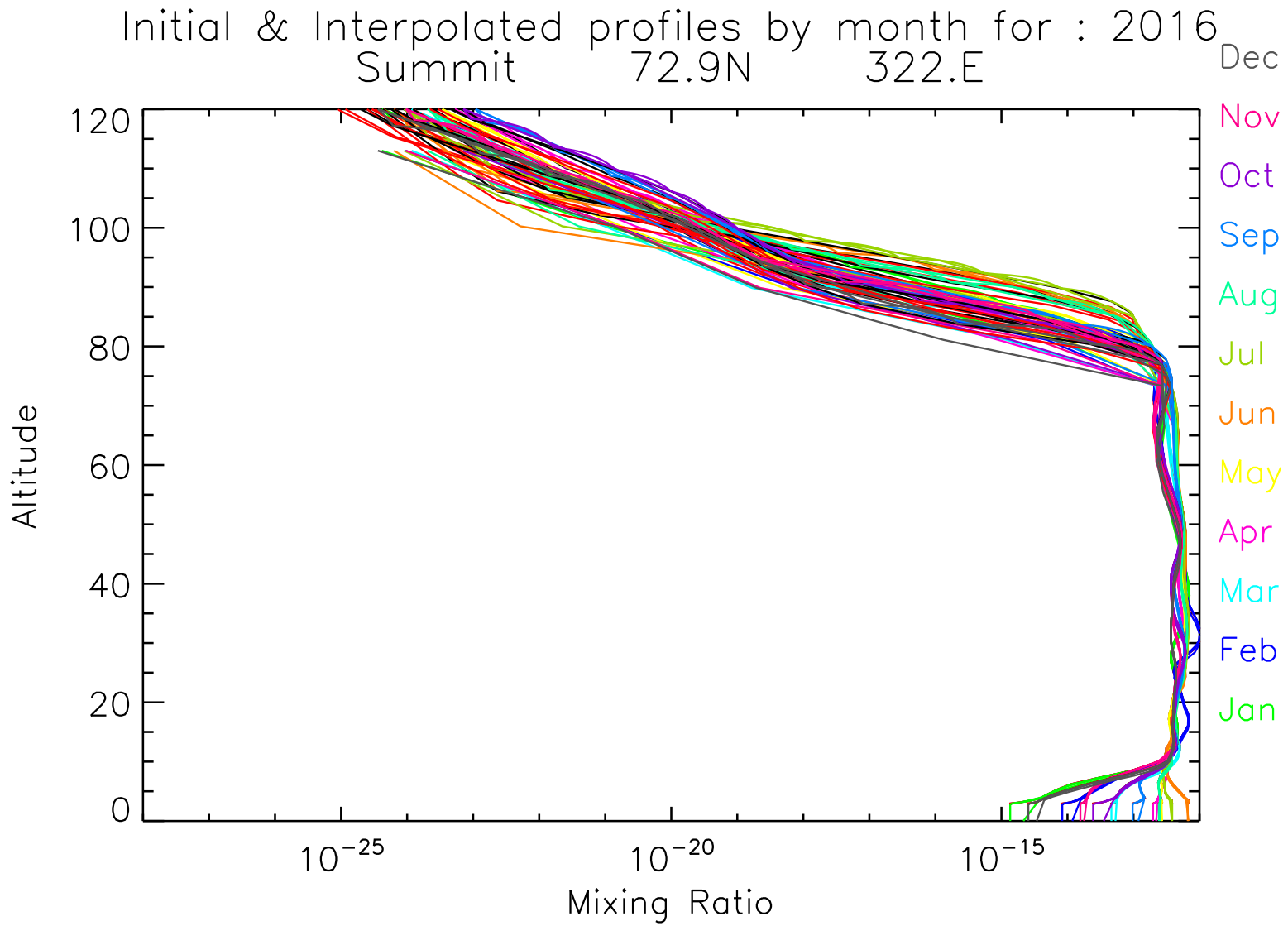

Initial & Interpolated profiles by month for : 2011
Summit 72.9N 322.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
Mixing Ratio

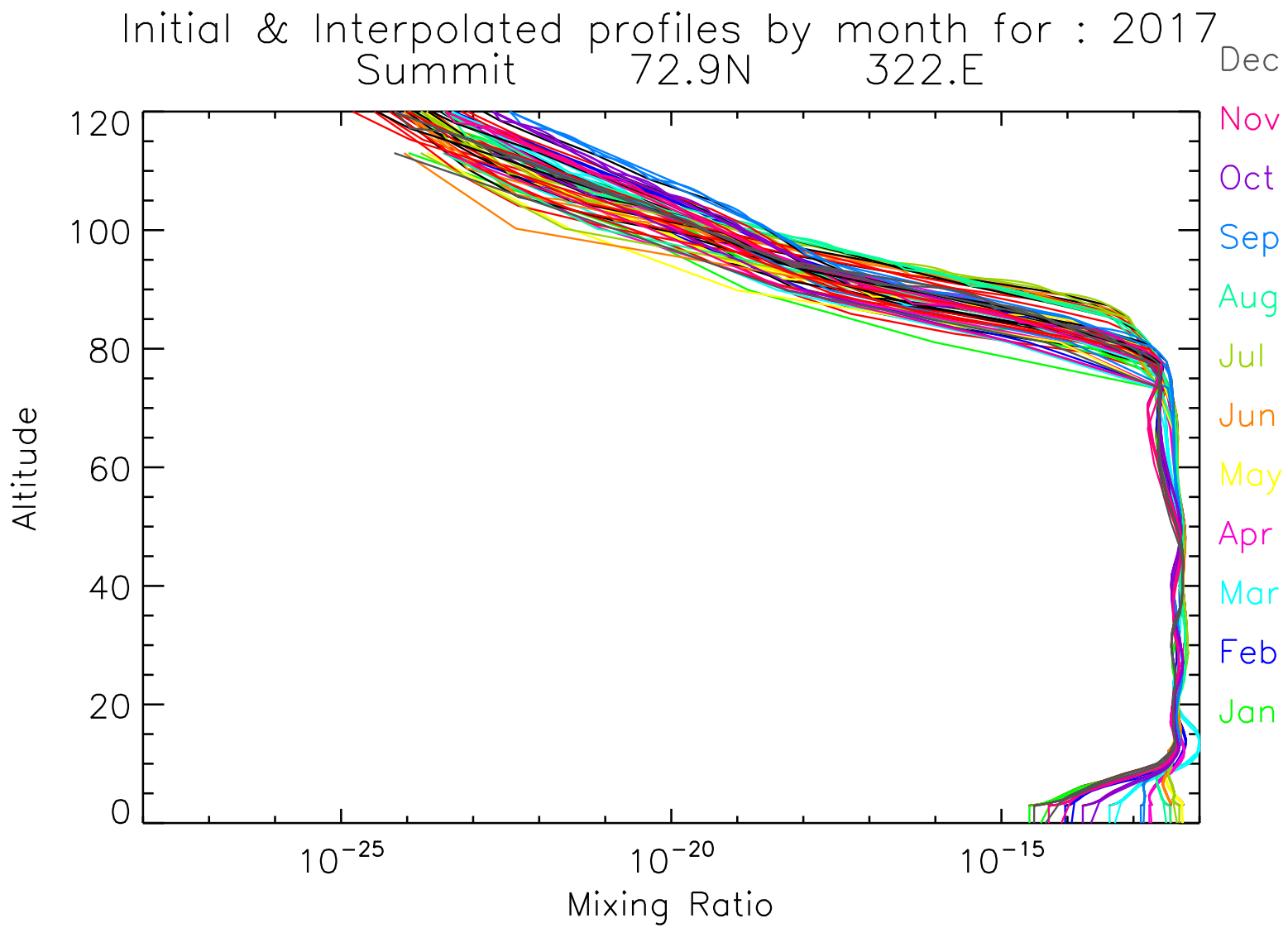

Initial & Interpolated profiles by month for : 2012
Summit 72.9N 322.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
Mixing Ratio

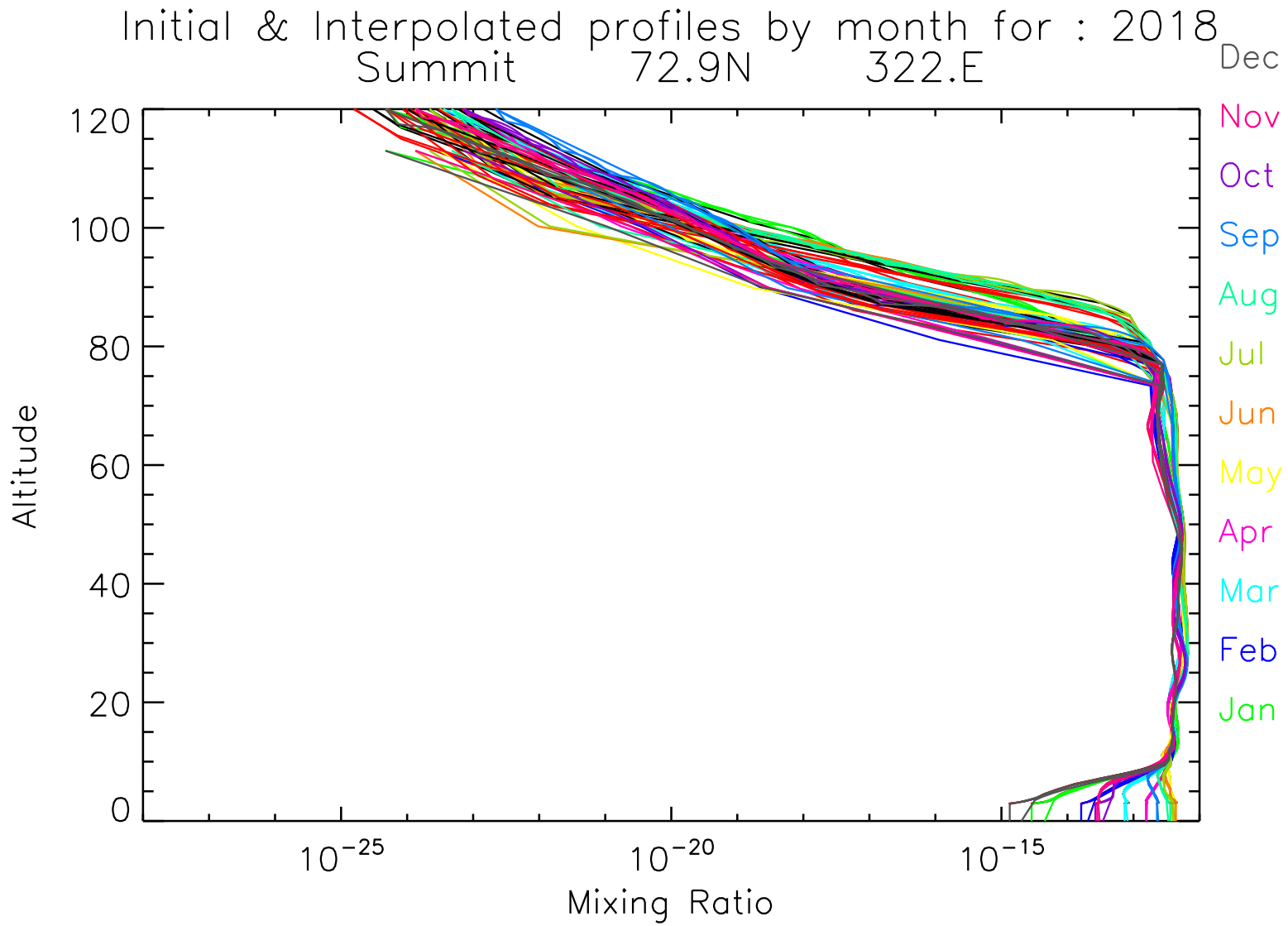

Initial & Interpolated profiles by month for : 2013
Summit 72.9N 322.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
Mixing Ratio

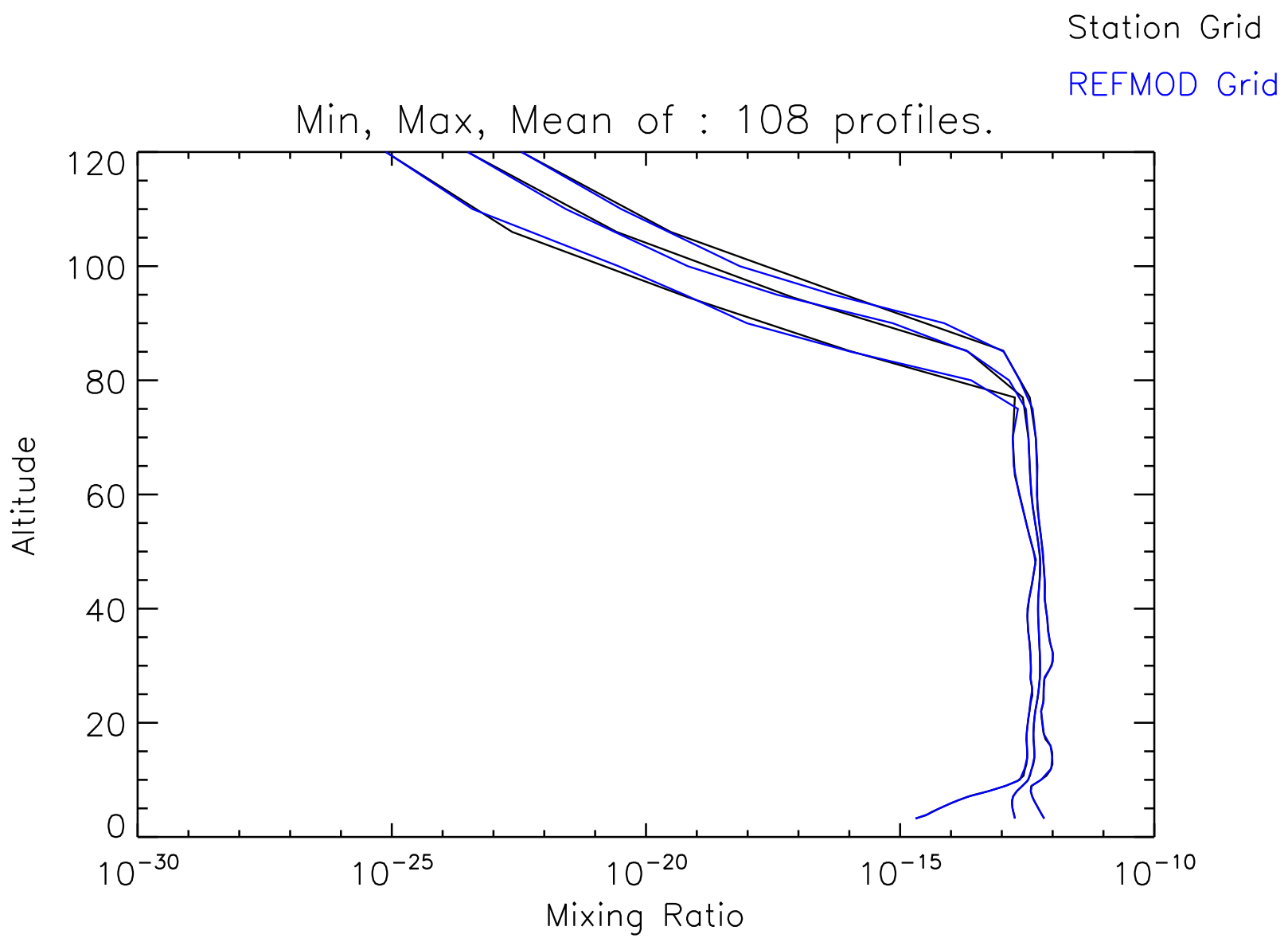

Initial & Interpolated profiles by month for : 2014
Summit 72.9N 322.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
Mixing Ratio

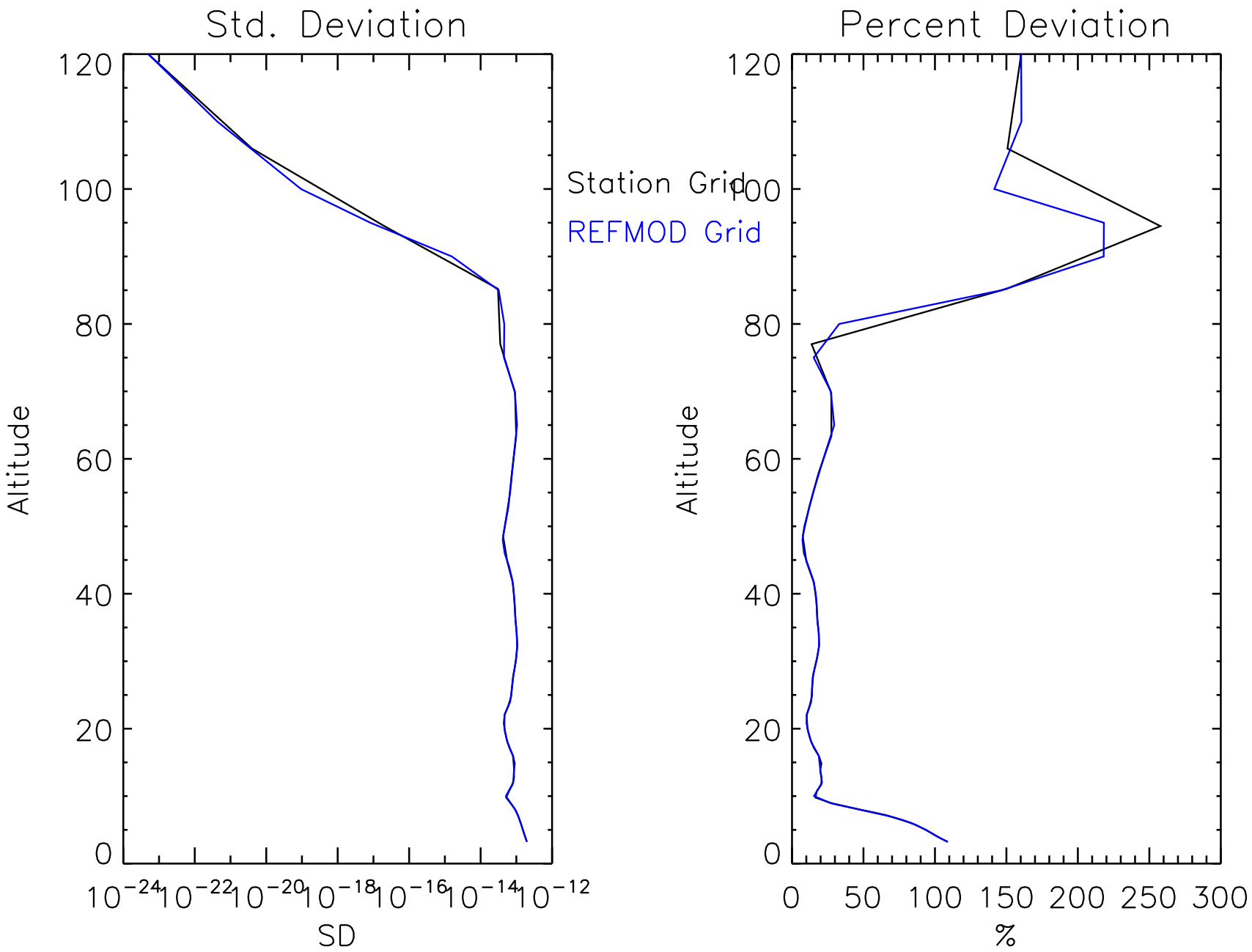

Initial & Interpolated profiles by month for : 2015
Summit 72.9N 322.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
Mixing Ratio

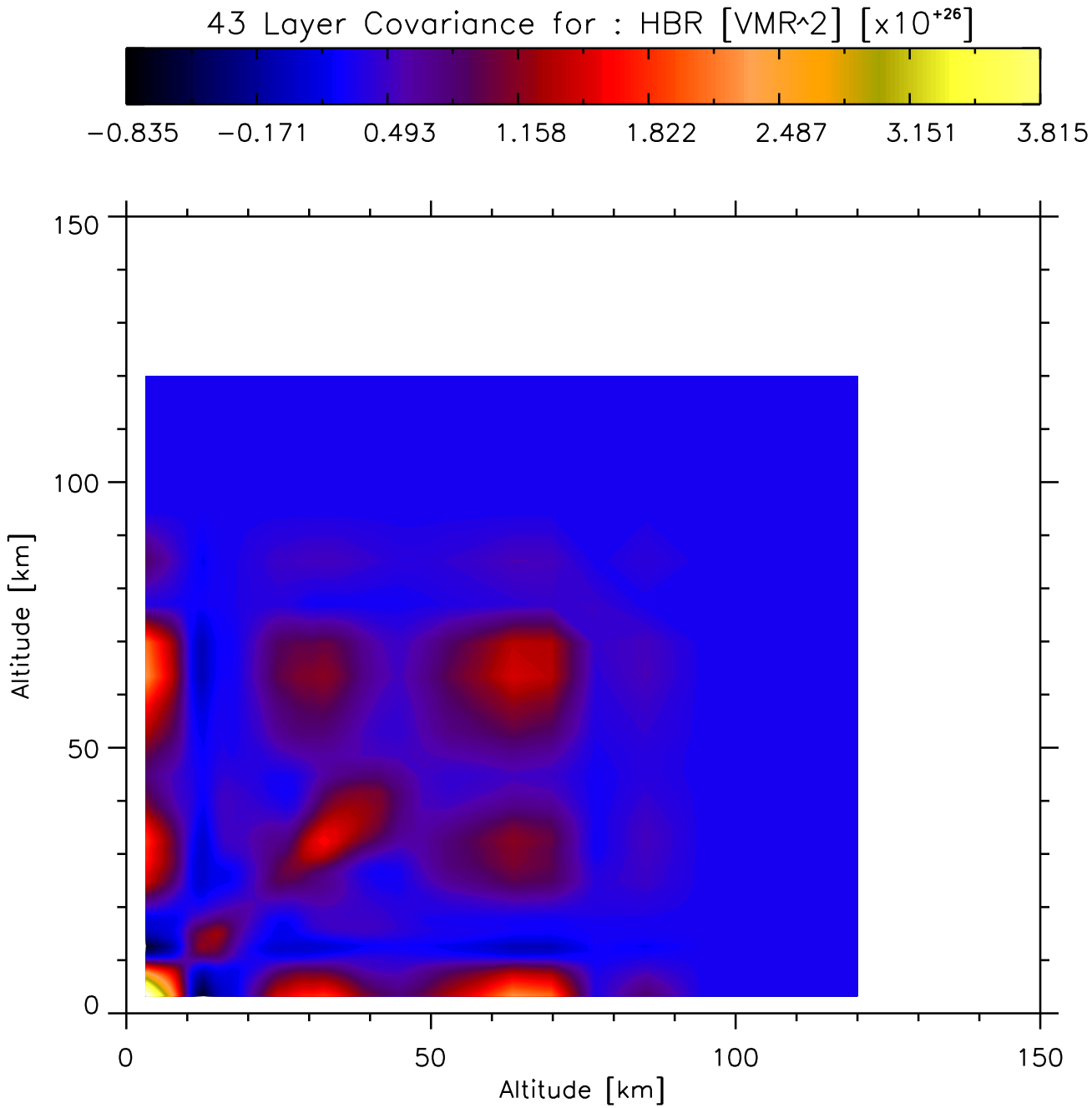

Initial & Interpolated profiles by month for : 2016
Summit 72.9N 322.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
Mixing Ratio

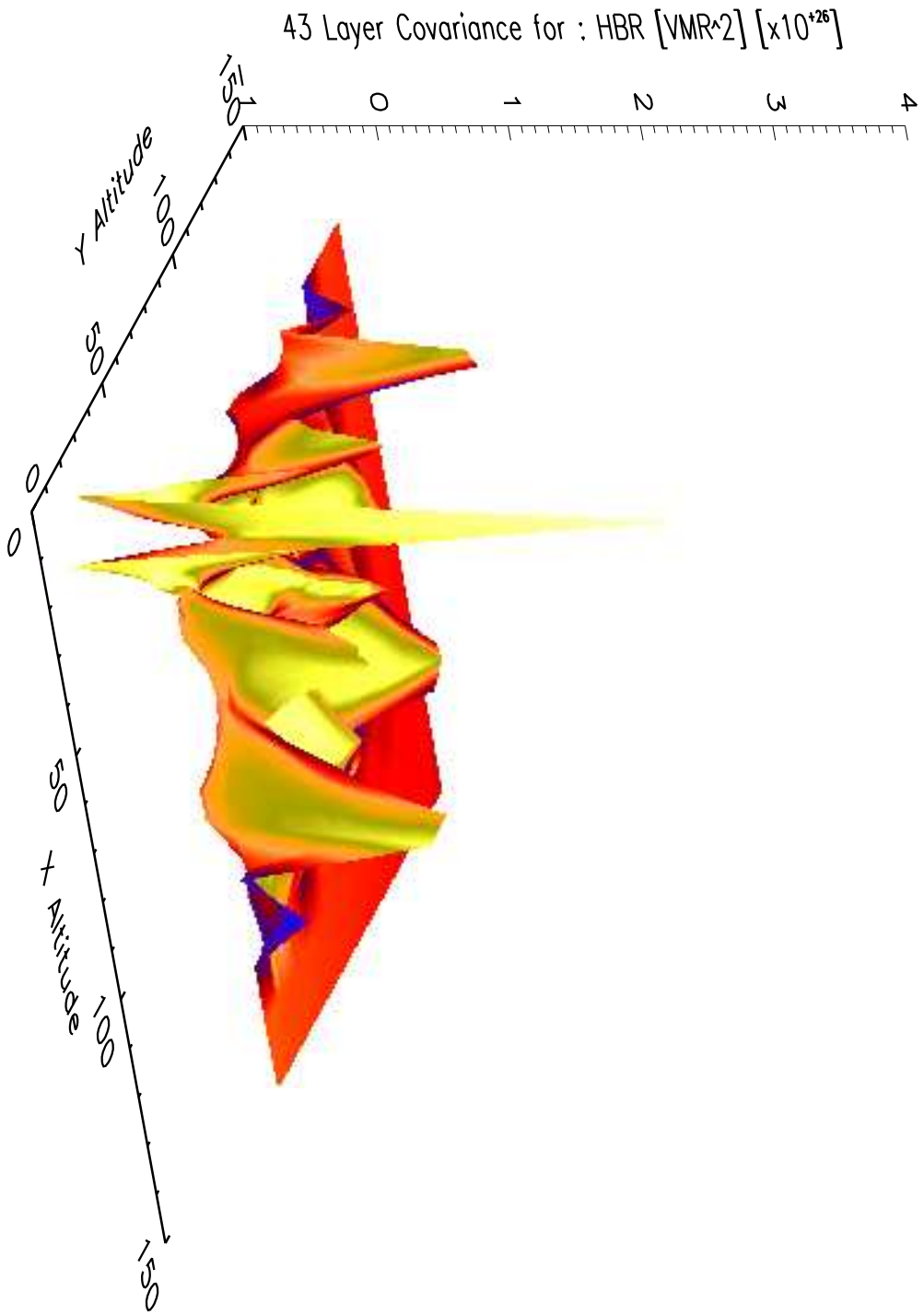

Initial & Interpolated profiles by month for : 2017
Summit 72.9N 322.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
Mixing Ratio

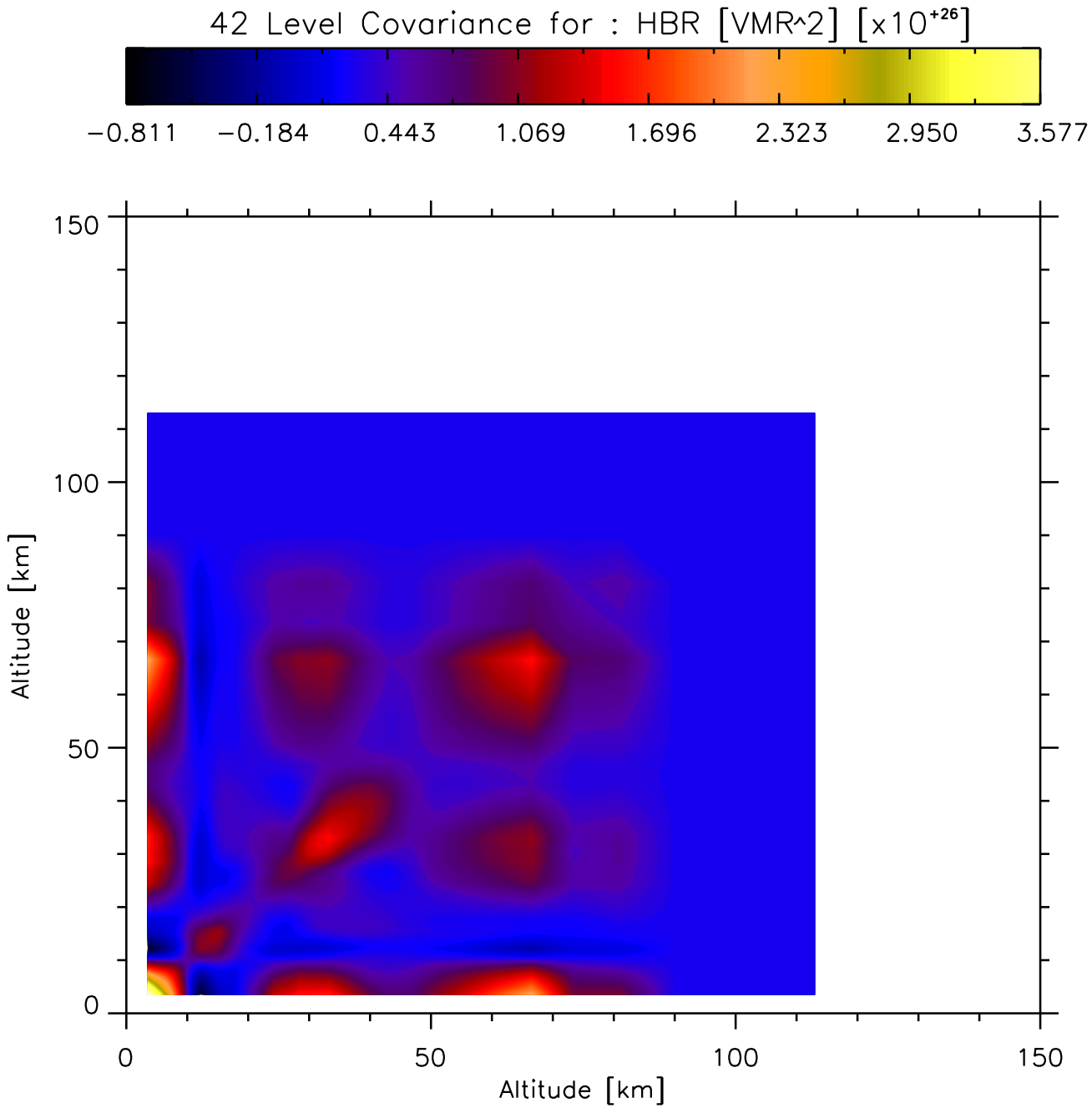

Initial & Interpolated profiles by month for : 2018
Summit 72.9N 322.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
Mixing Ratio

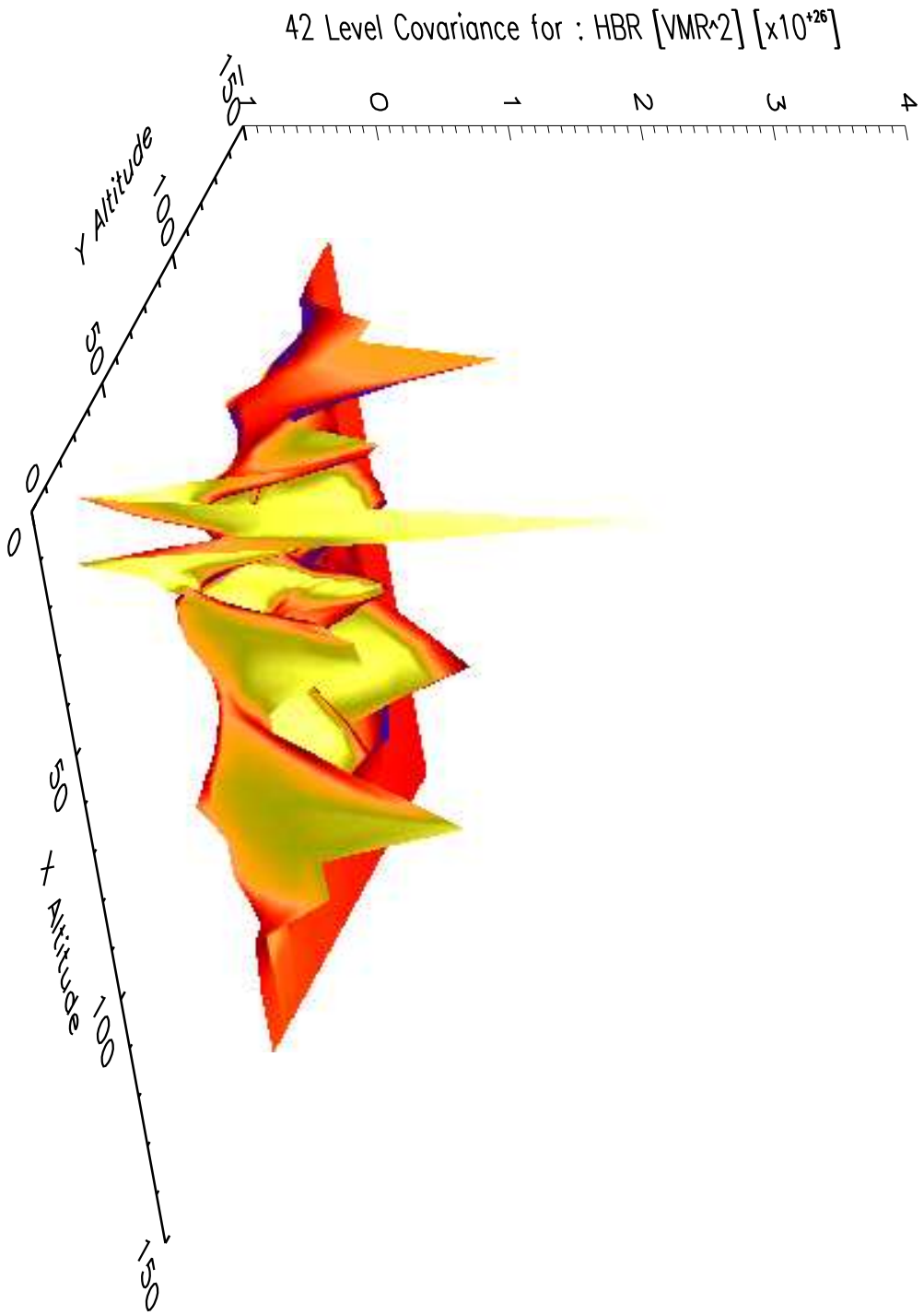

Station Grid
REFMOD Grid
Min, Max, Mean of : 108 profiles.
120
100
80
60
40
20
0
Altitude
10^{-30}
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio


Std. Deviation
Percent Deviation
Station Grid
REFMOD Grid
Altitude
Altitude
120
100
80
60
40
20
0
10^{-24} 10^{-22} 10^{-20} 10^{-18} 10^{-16} 10^{-14} 10^{-12}
SD
0 50 100 150 200 250 300
%


43 Layer Covariance for : HBR [VMR^2] [x10^+26]
−0.835
−0.171
0.493
1.158
1.822
2.487
3.151
3.815
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


43 Layer Covariance for : HBR [VMR^2] [x10^+26]
0
1
2
3
4
Y Altitude
150
100
50
0
0
50
100
150
X Altitude


42 Level Covariance for : HBR [VMR^2] [x10^+26]
−0.811
−0.184
0.443
1.069
1.696
2.323
2.950
3.577
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


42 Level Covariance for : HBR [VMR^2] [x10^+26]
0
1
2
3
4
150
100
50
0
Y Altitude
0
50
100
150
X Altitude