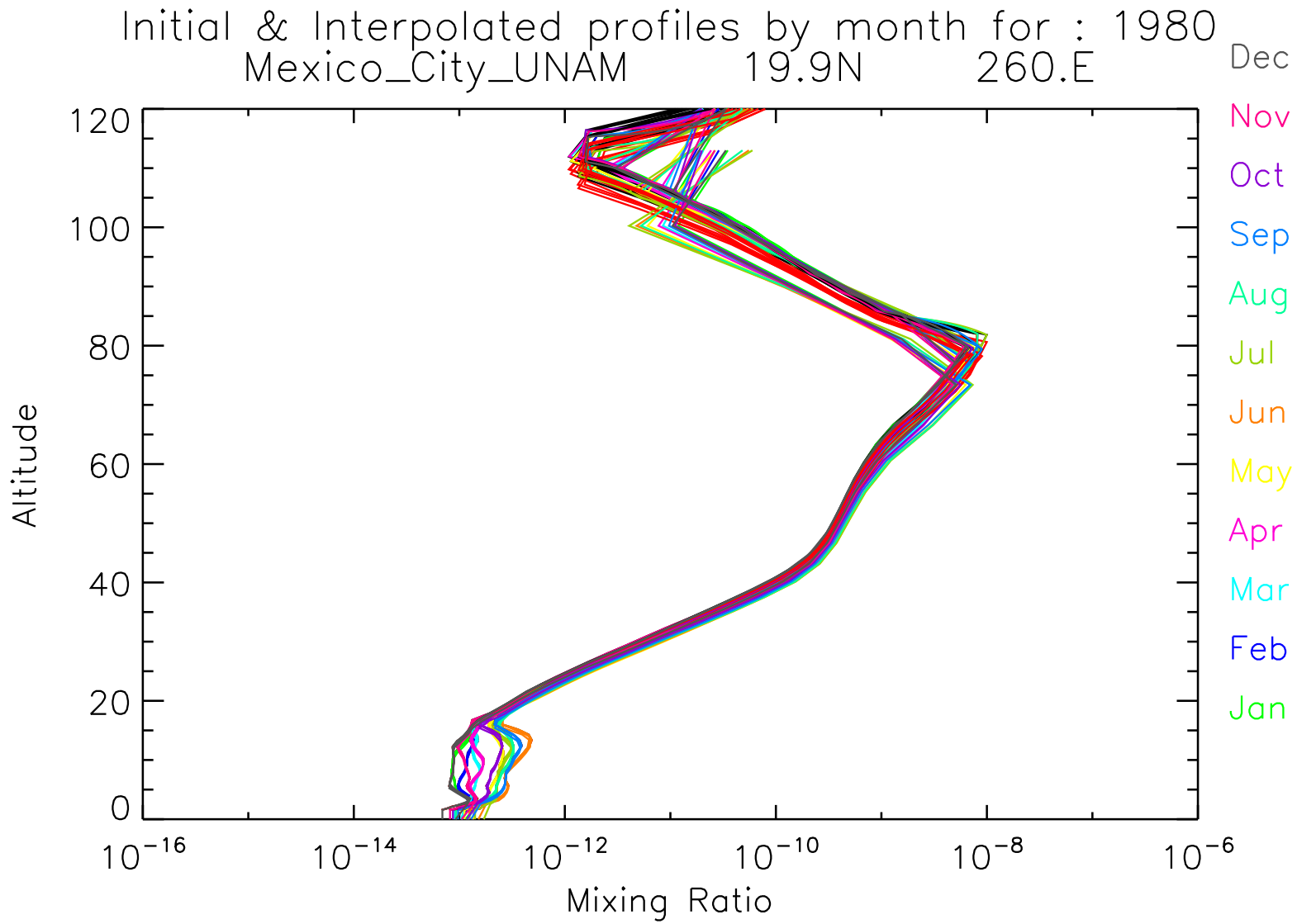
Initial & Interpolated profiles by month for : 1980
Mexico_City_UNAM 19.9N 260.E
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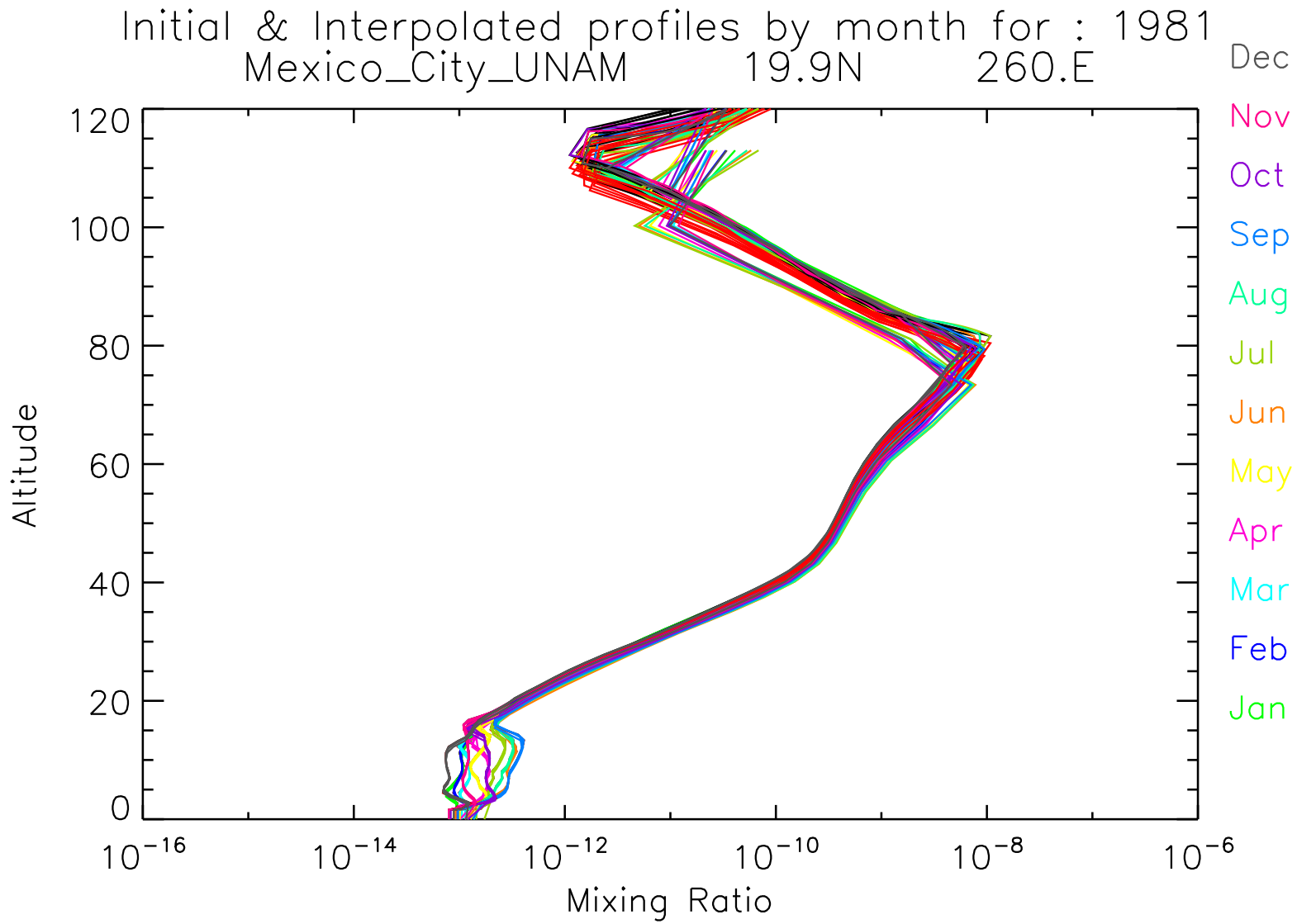
Mixing Ratio


Initial & Interpolated profiles by month for : 1981
Mexico_City_UNAM 19.9N 260.E
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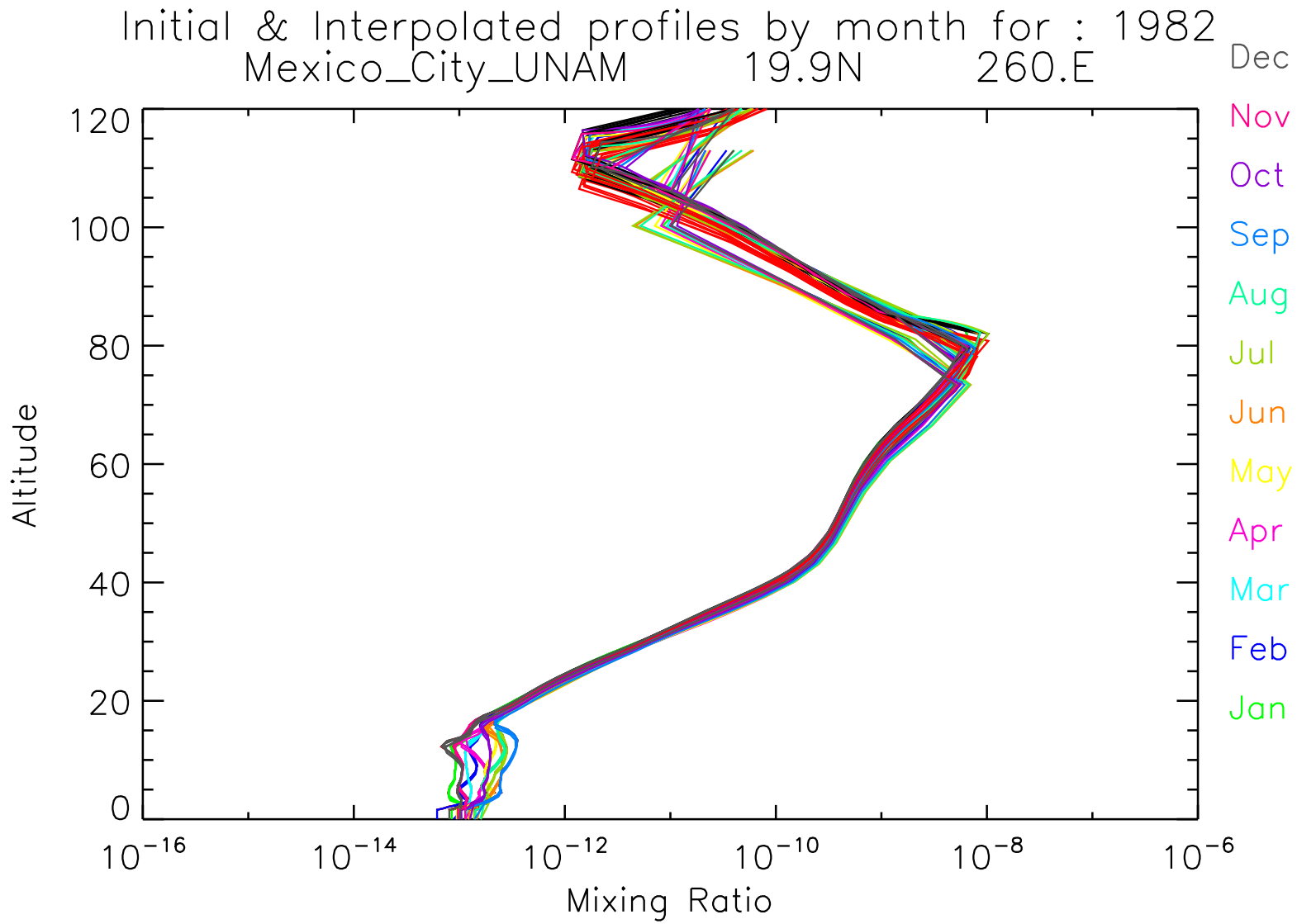
Initial & Interpolated profiles by month for : 1982
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Altitude
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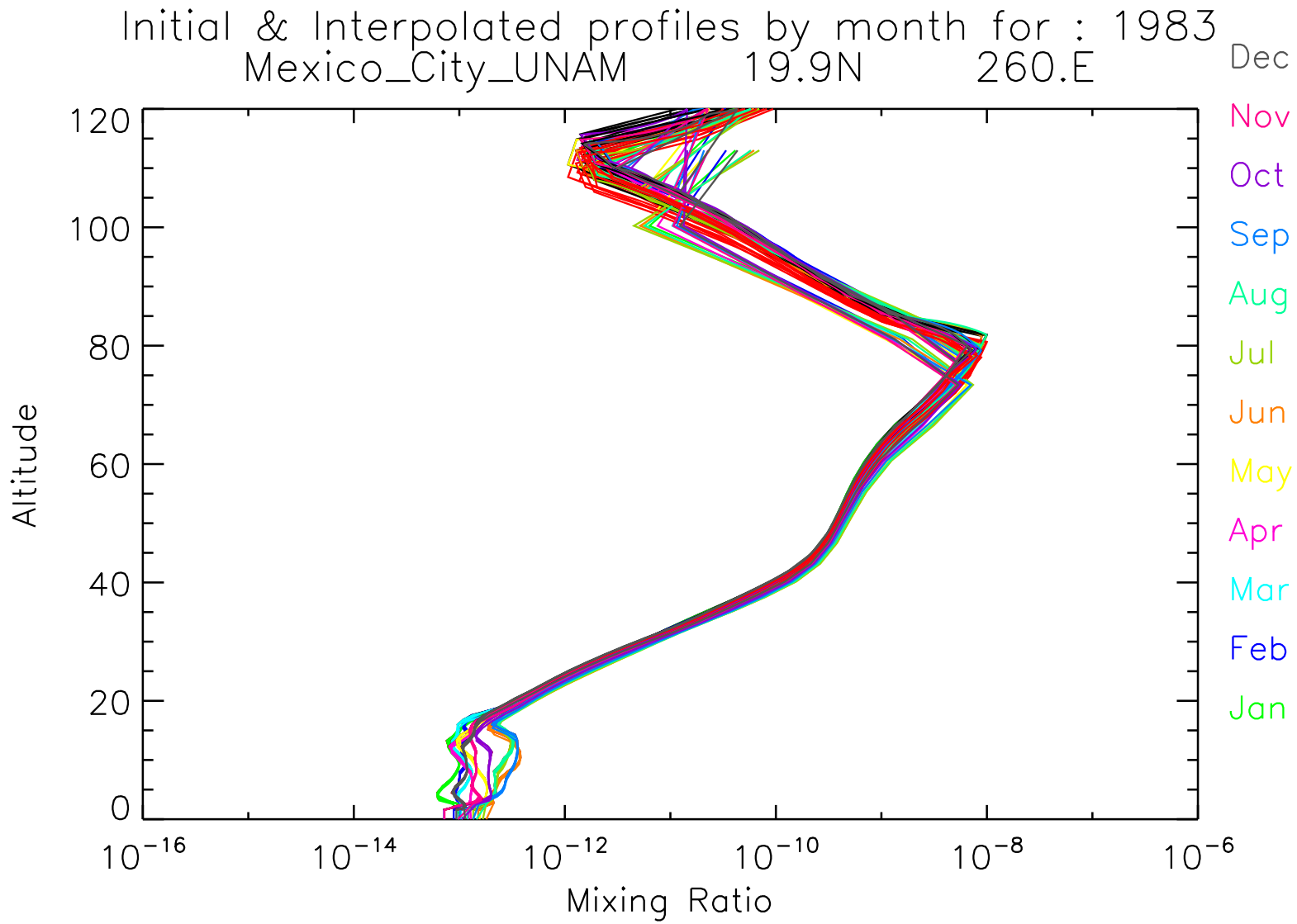
10^{-6}
Mixing Ratio


Initial & Interpolated profiles by month for : 1983
Mexico_City_UNAM 19.9N 260.E
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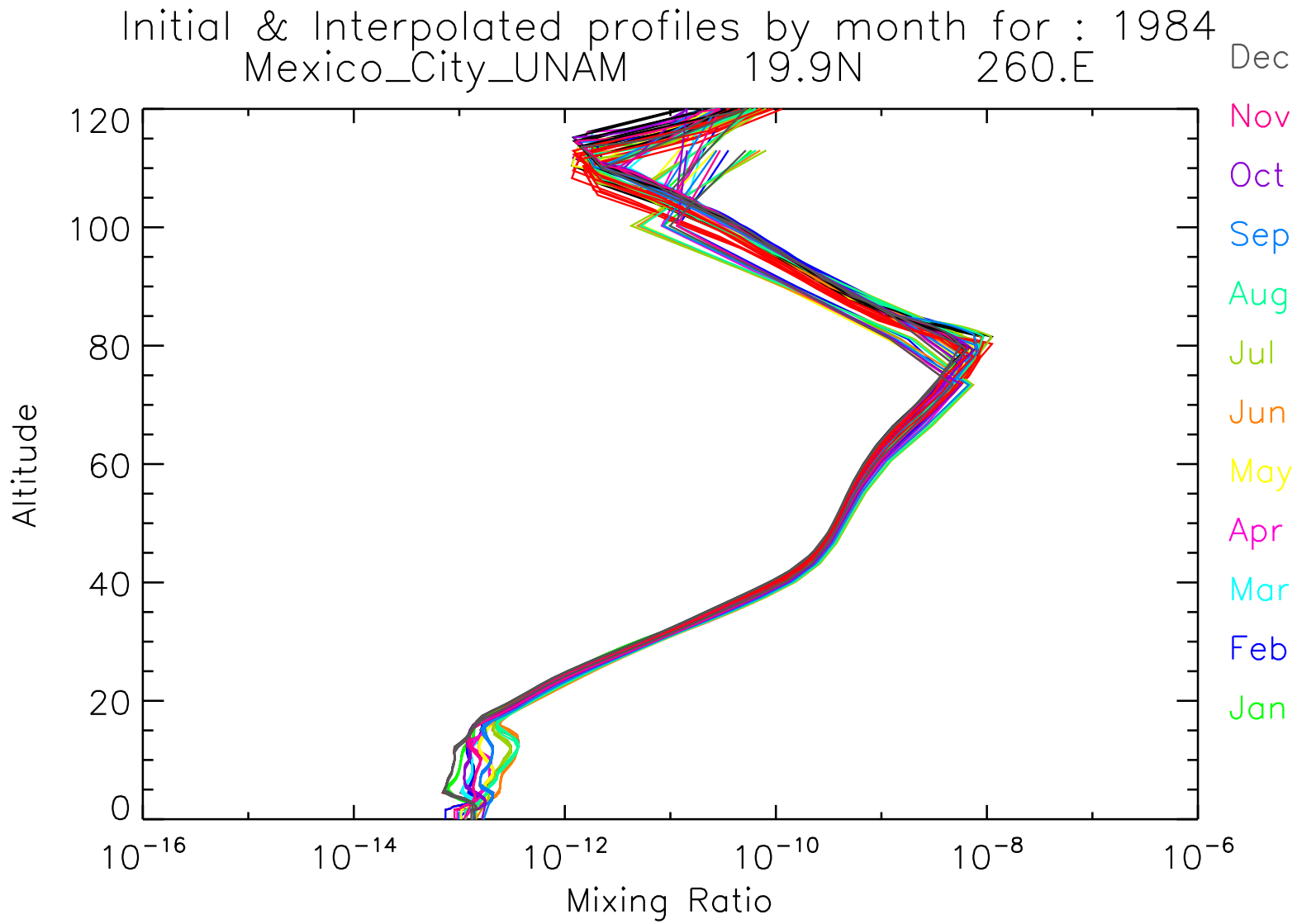
Mixing Ratio


Initial & Interpolated profiles by month for : 1984
Mexico_City_UNAM 19.9N 260.E
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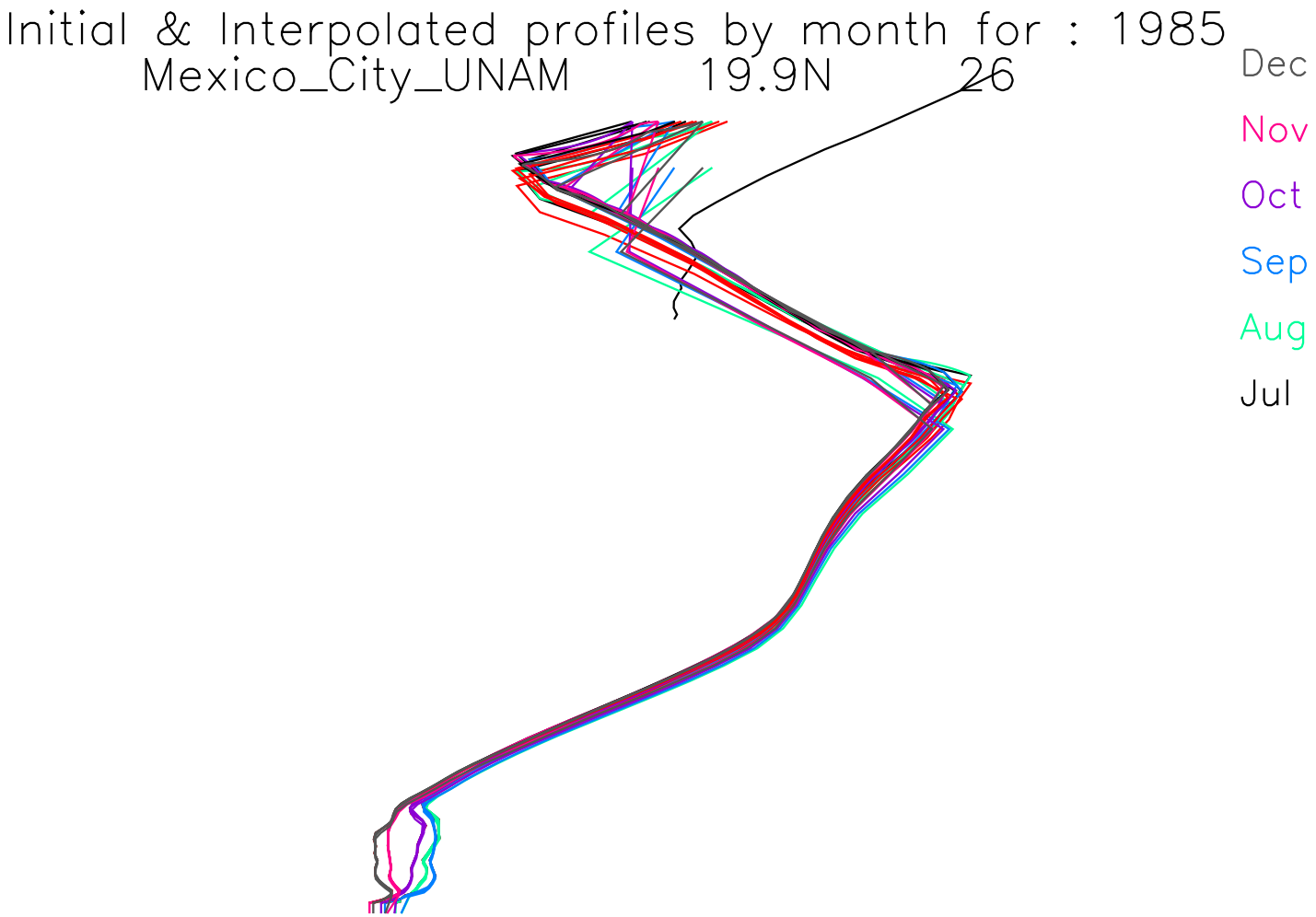
Mixing Ratio


Initial & Interpolated profiles by month for : 1985
Mexico_City_UNAM 19.9N 26
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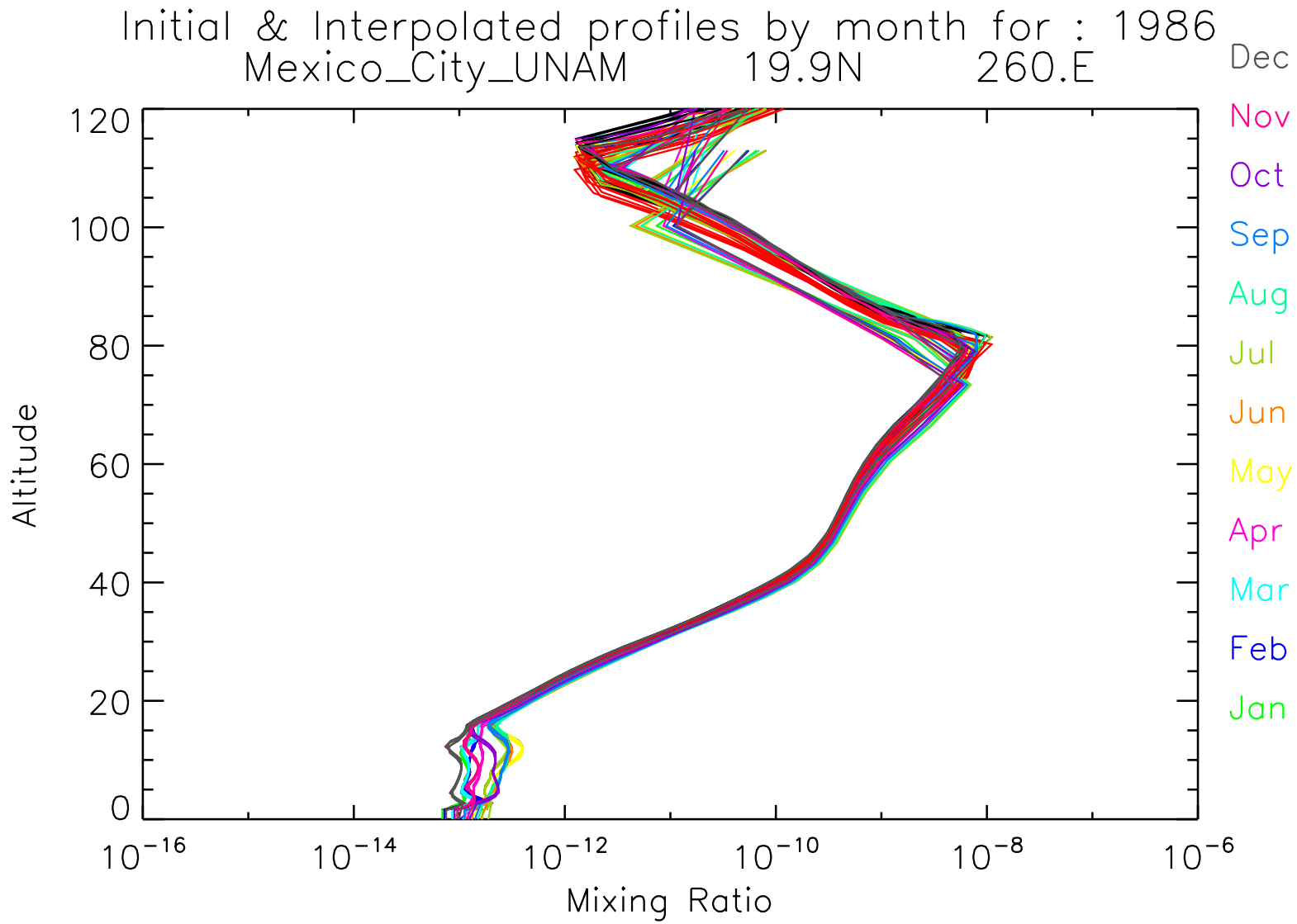
Initial & Interpolated profiles by month for : 1986
Mexico_City_UNAM 19.9N 260.E
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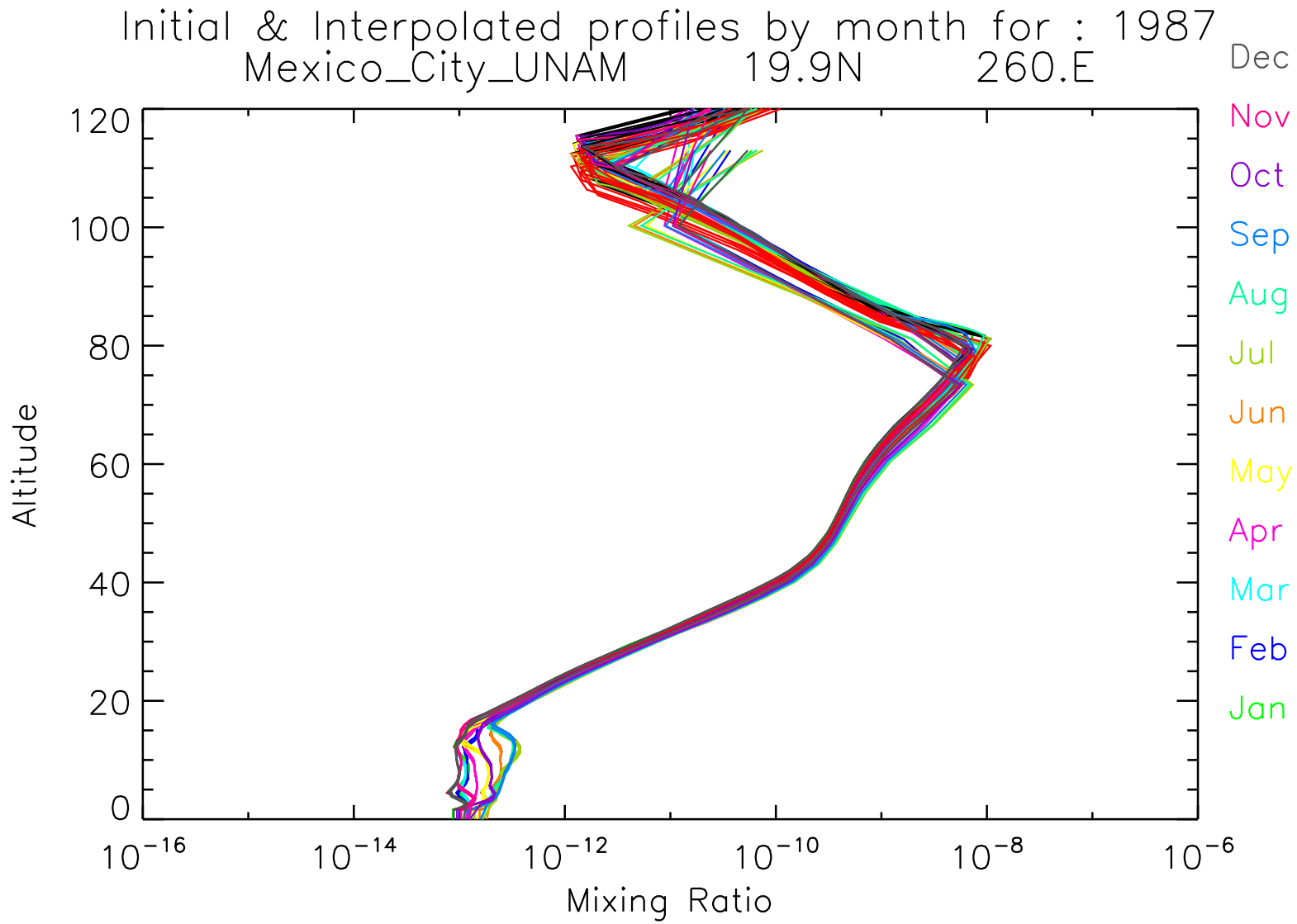
Mixing Ratio


Initial & Interpolated profiles by month for : 1987
Mexico_City_UNAM 19.9N 260.E
Altitude
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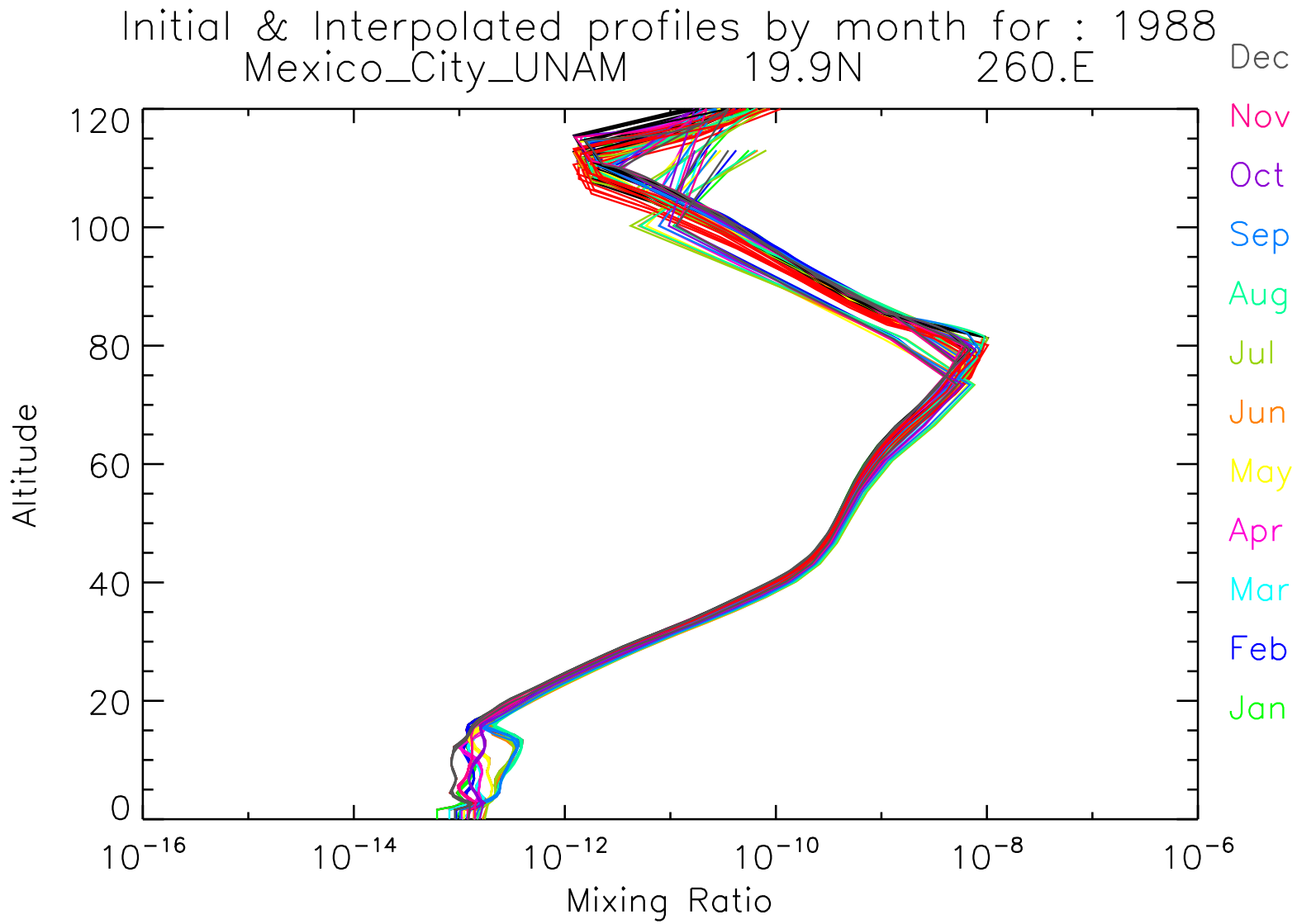
Initial & Interpolated profiles by month for : 1988
Mexico_City_UNAM 19.9N 260.E
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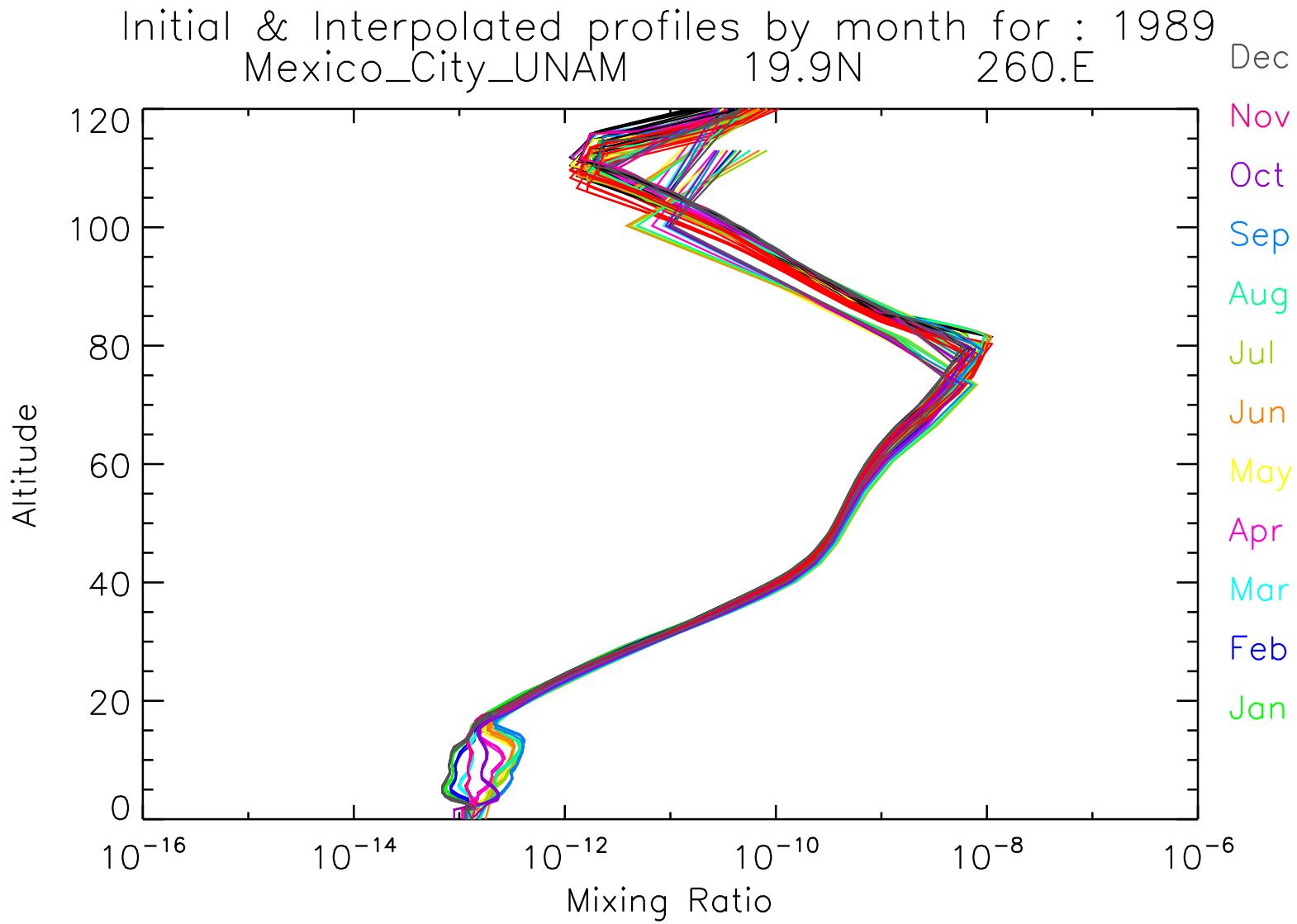
Initial & Interpolated profiles by month for : 1989
Mexico_City_UNAM 19.9N 260.E
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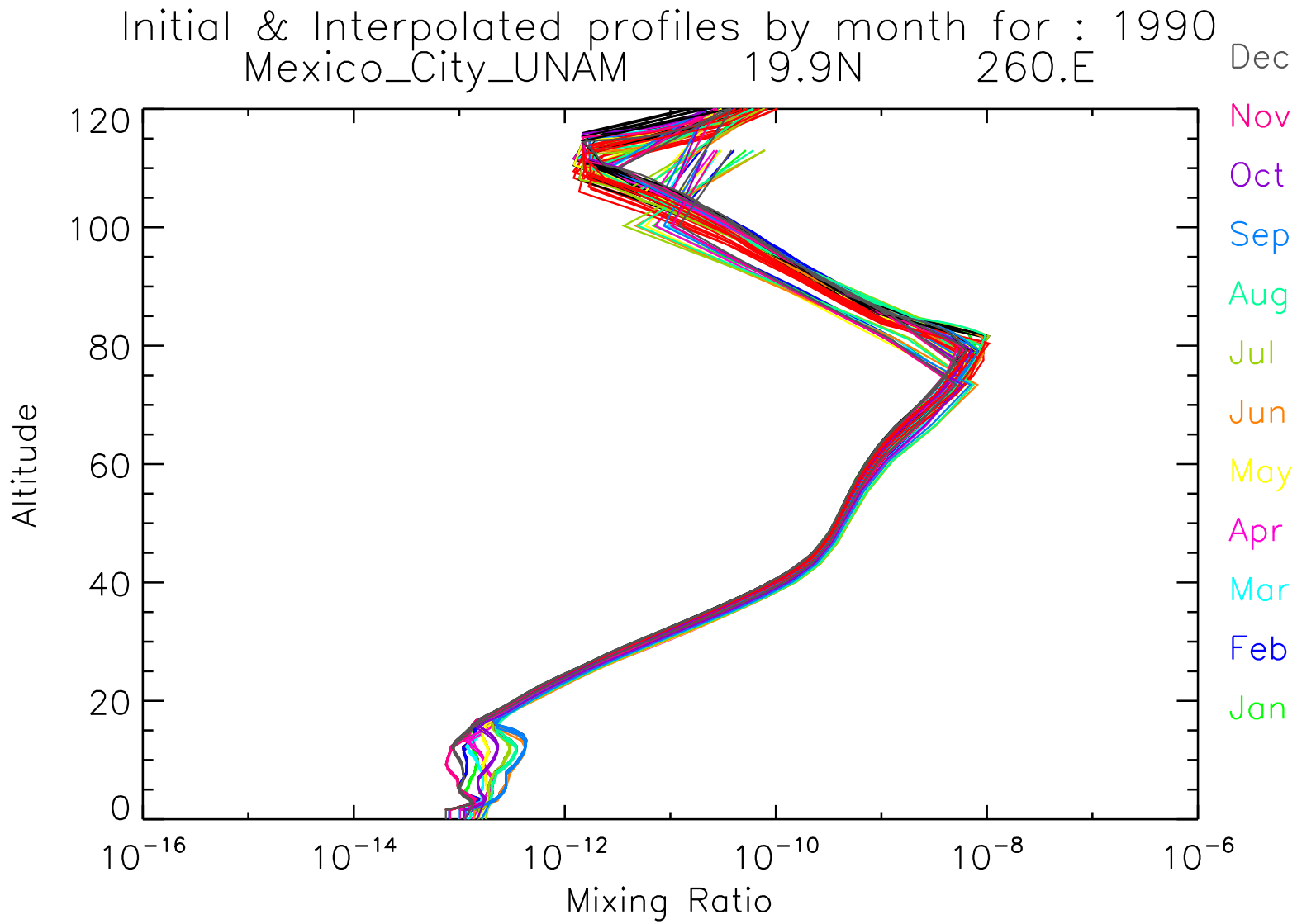
Mixing Ratio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Mexico_City_UNAM 19.9N 260.E
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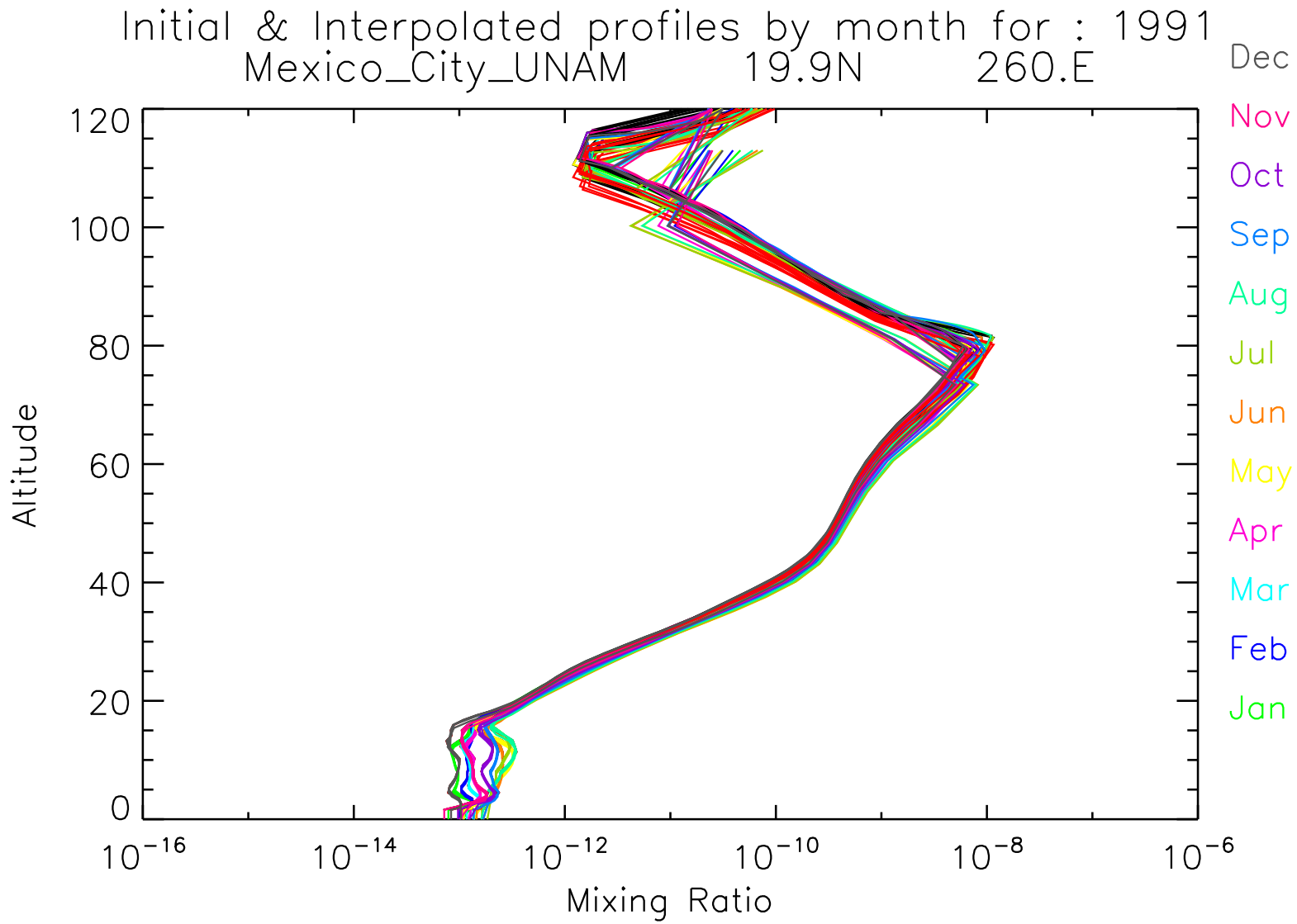
Initial & Interpolated profiles by month for : 1991
Mexico_City_UNAM 19.9N 260.E
Altitude
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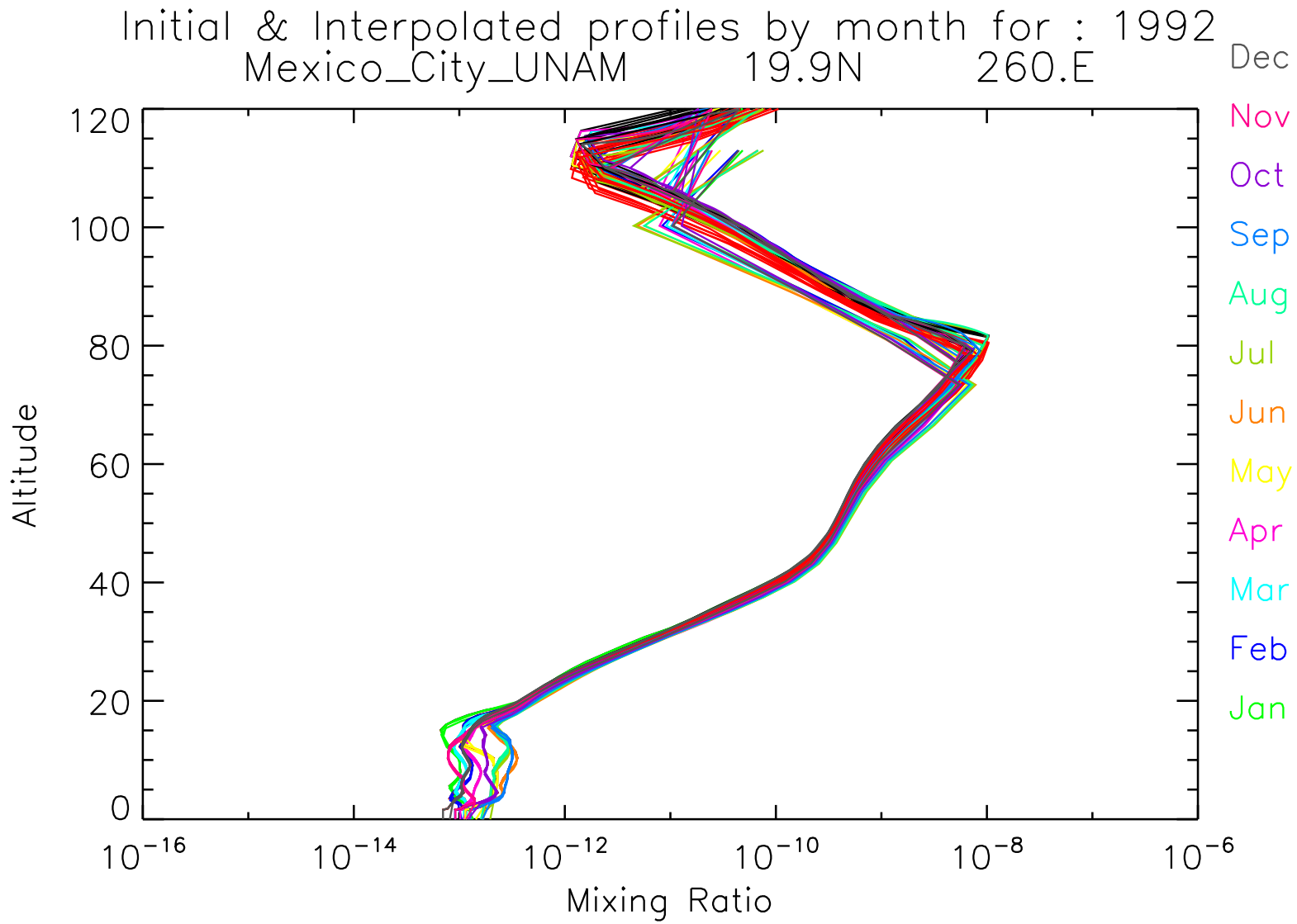
Initial & Interpolated profiles by month for : 1992
Mexico_City_UNAM 19.9N 260.E
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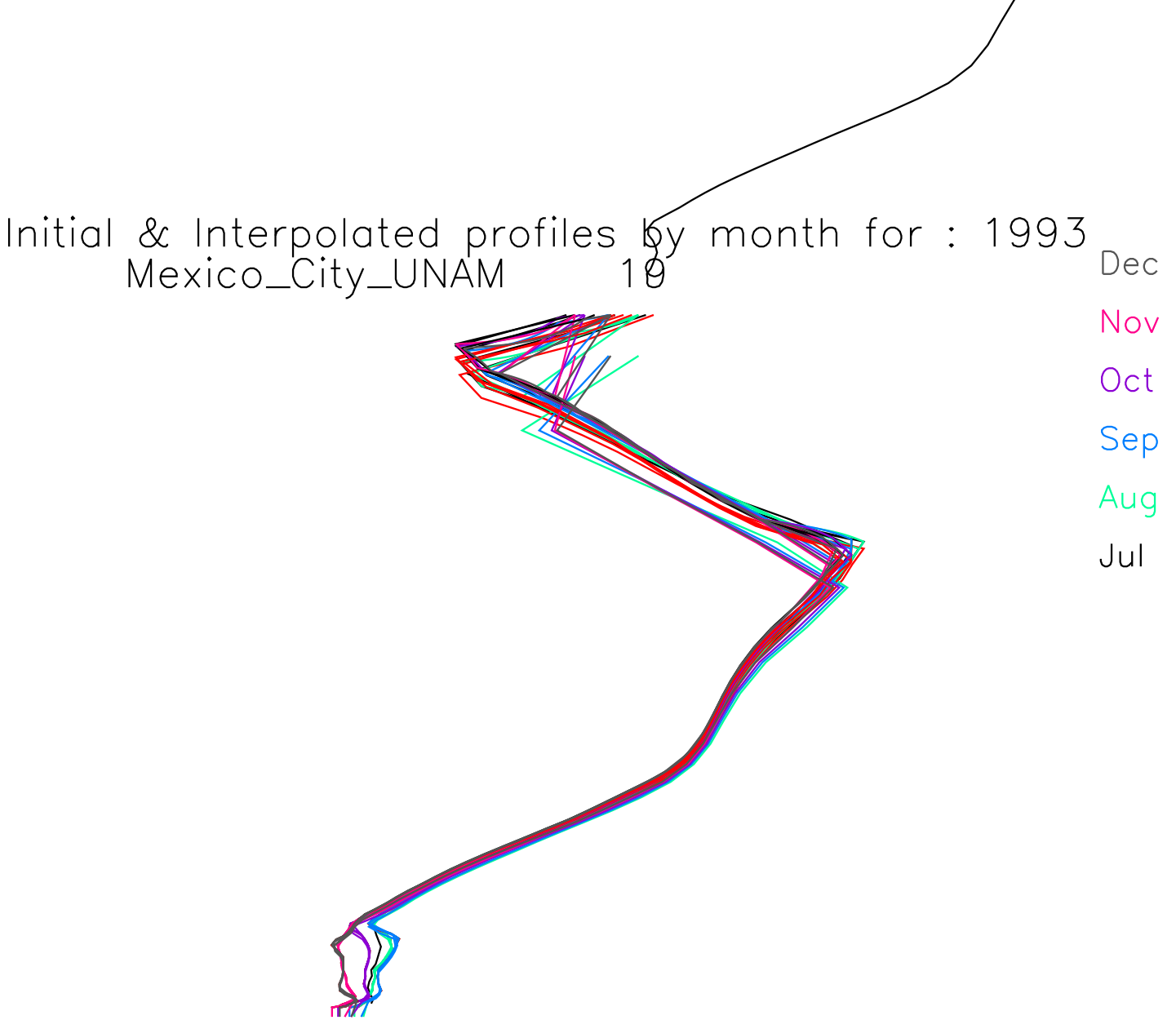
Mixing Ratio


Initial & Interpolated profiles by month for : 1993
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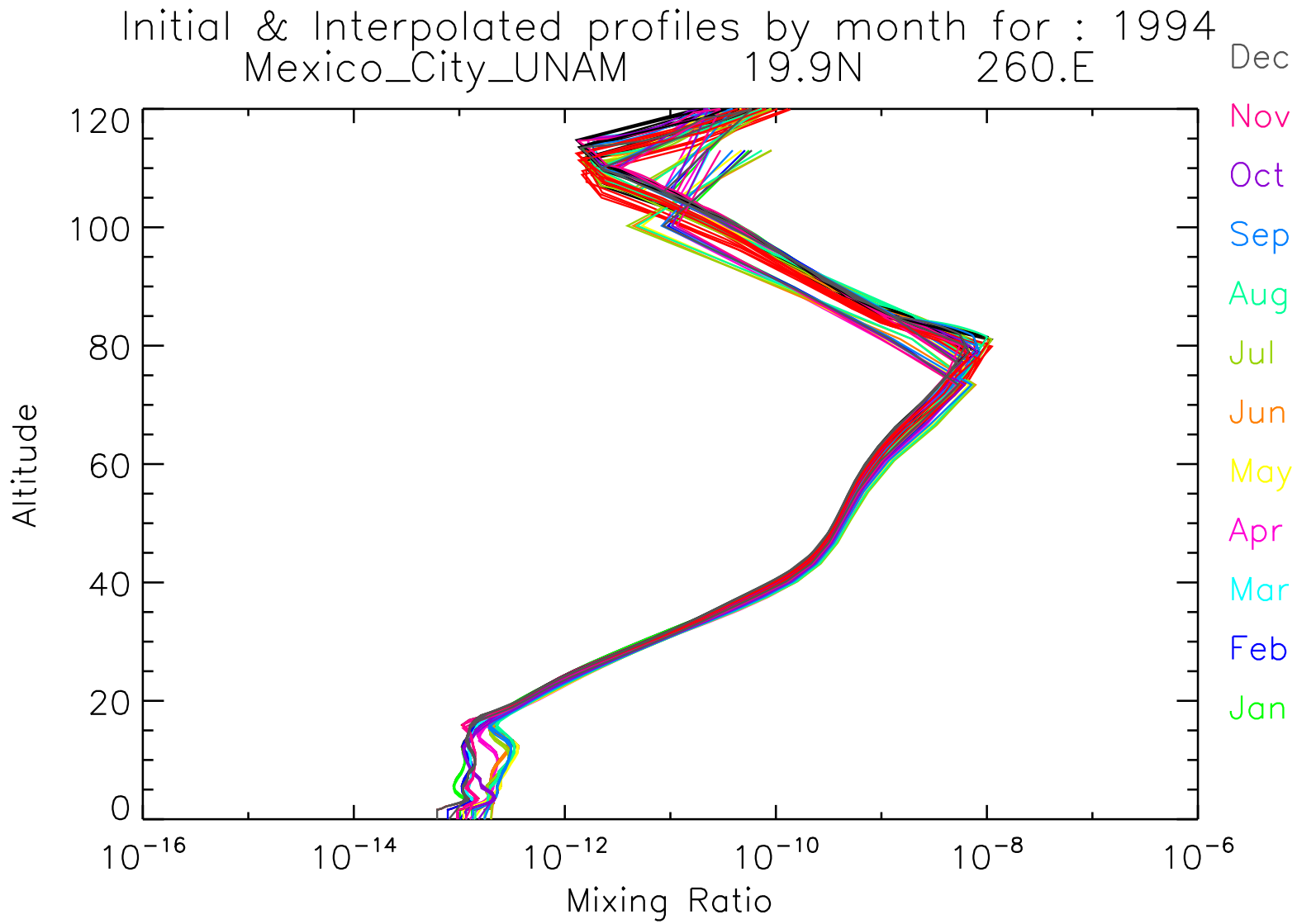
Initial & Interpolated profiles by month for : 1994
Mexico_City_UNAM 19.9N 260.E
Altitude
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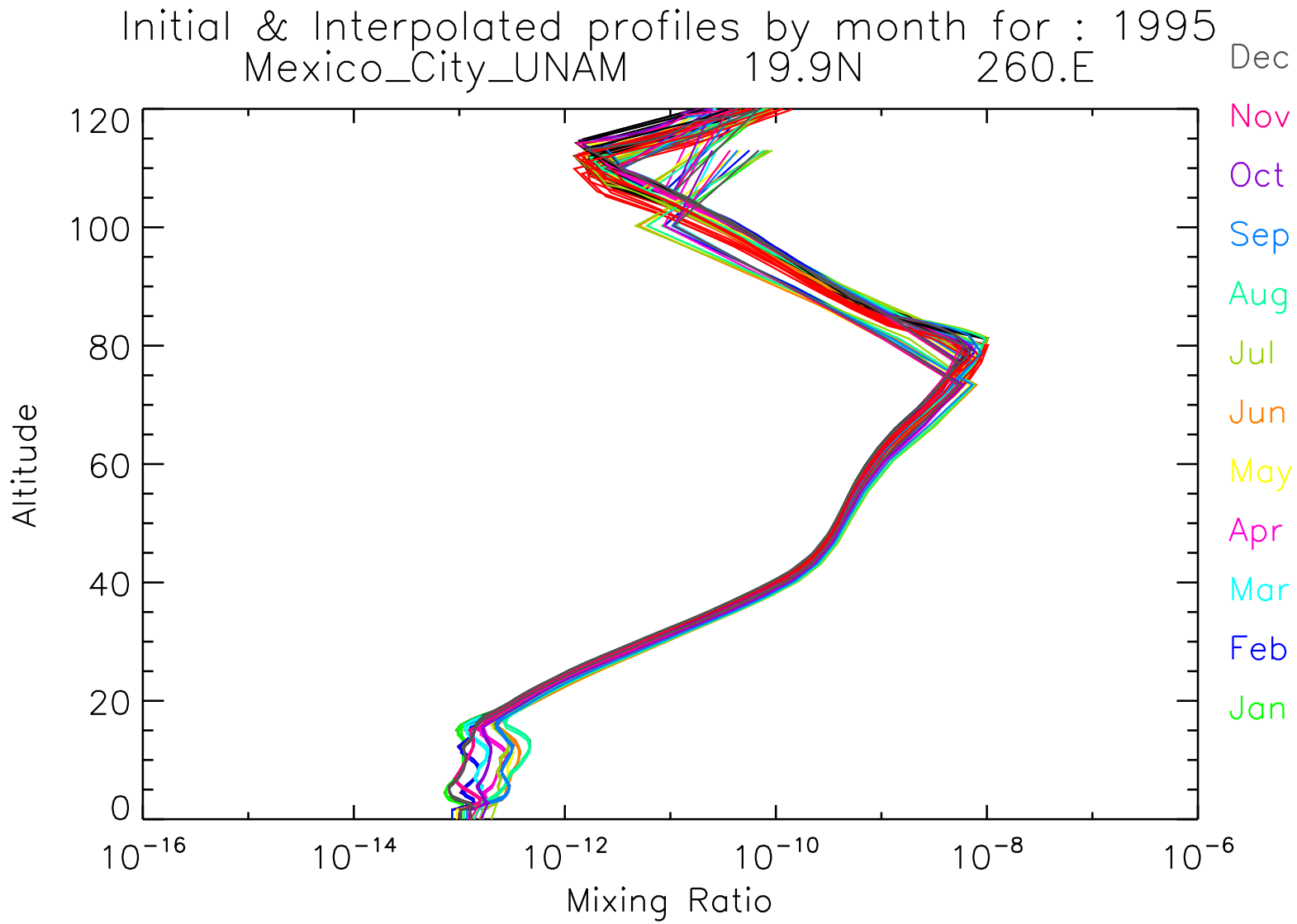
Initial & Interpolated profiles by month for : 1995
Mexico_City_UNAM 19.9N 260.E
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Altitude
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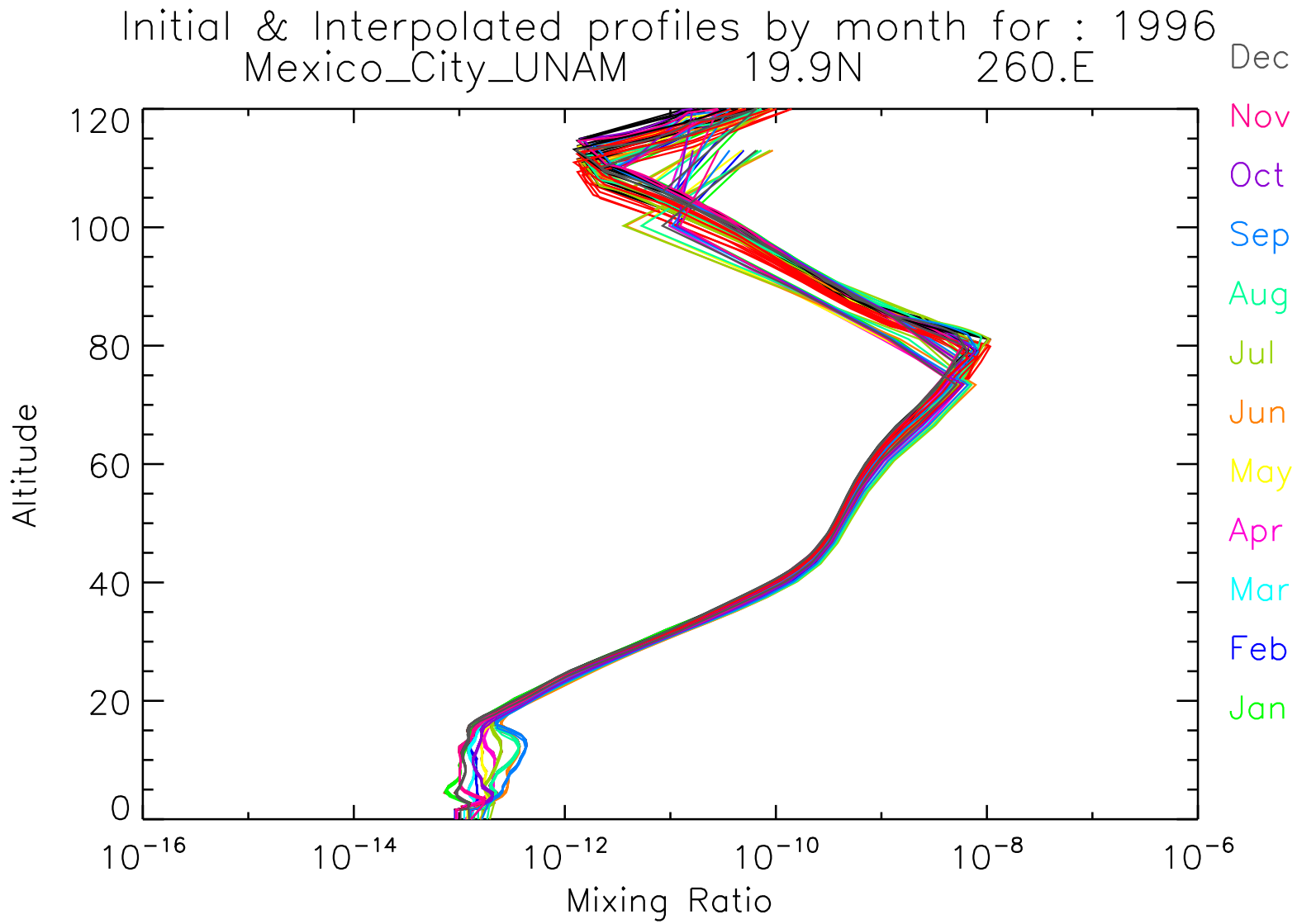
Mixing Ratio


Initial & Interpolated profiles by month for : 1996
Mexico_City_UNAM 19.9N 260.E
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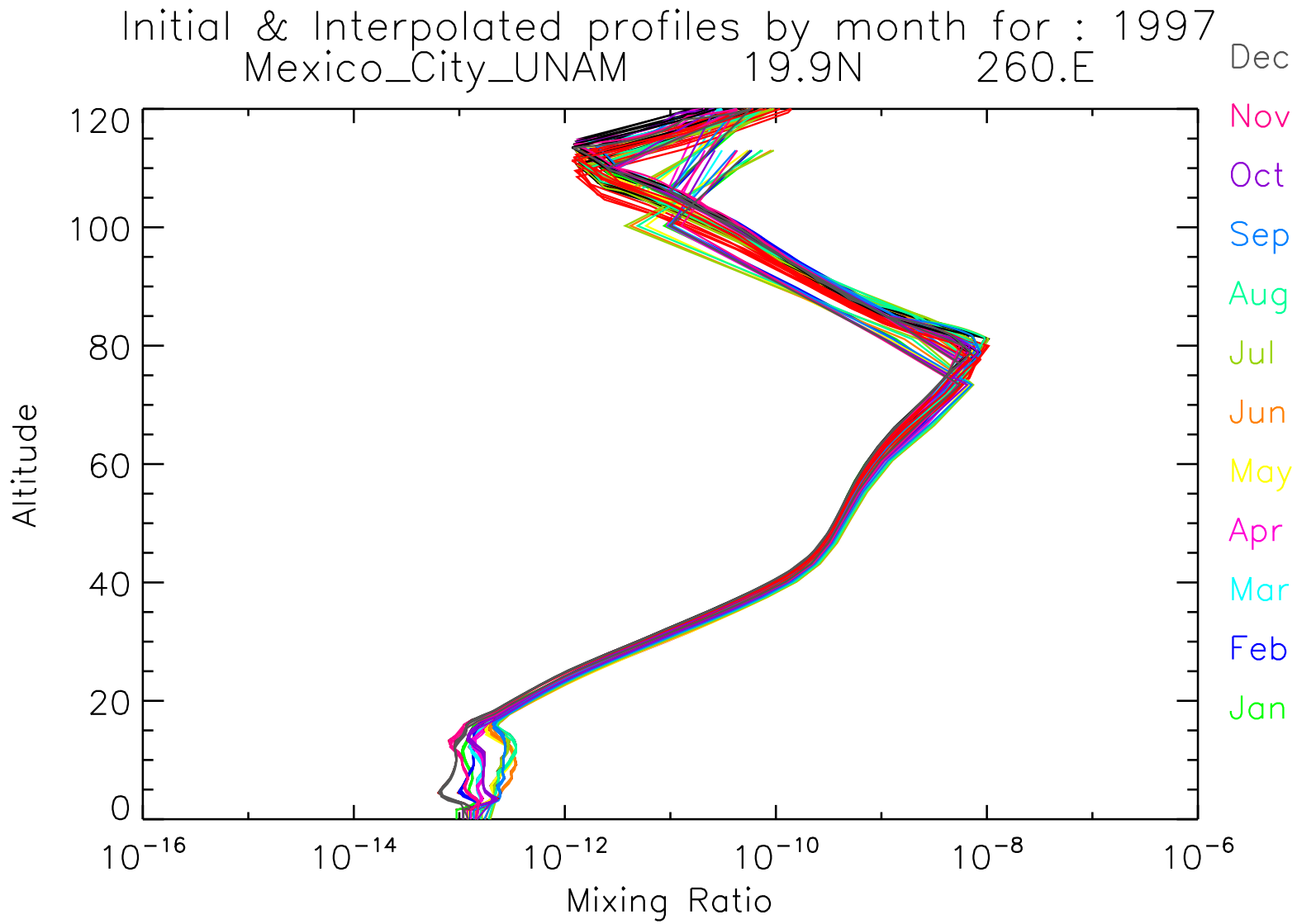
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Mexico_City_UNAM 19.9N 260.E
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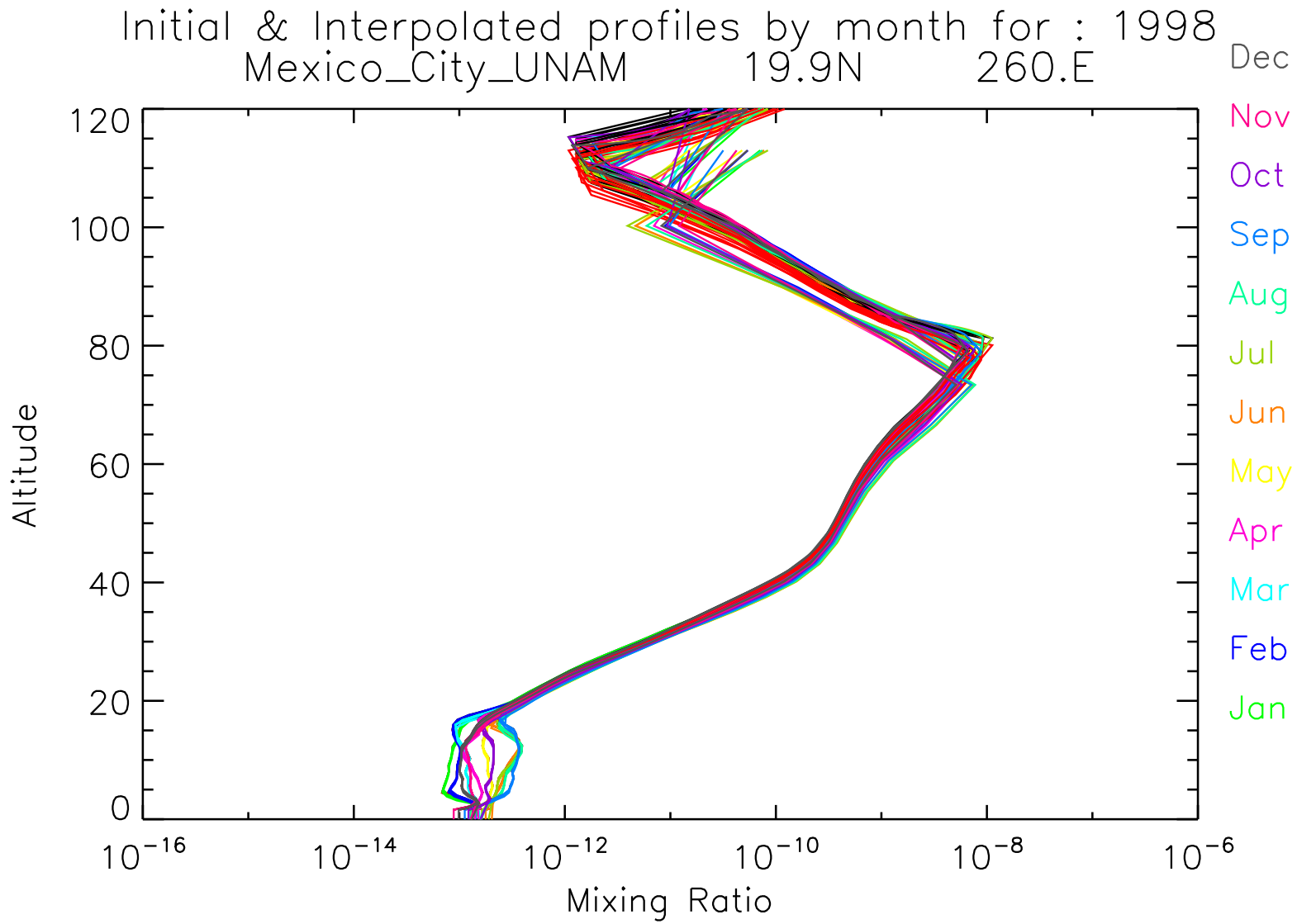
Mixing Ratio


Initial & Interpolated profiles by month for : 1998
Mexico_City_UNAM 19.9N 260.E
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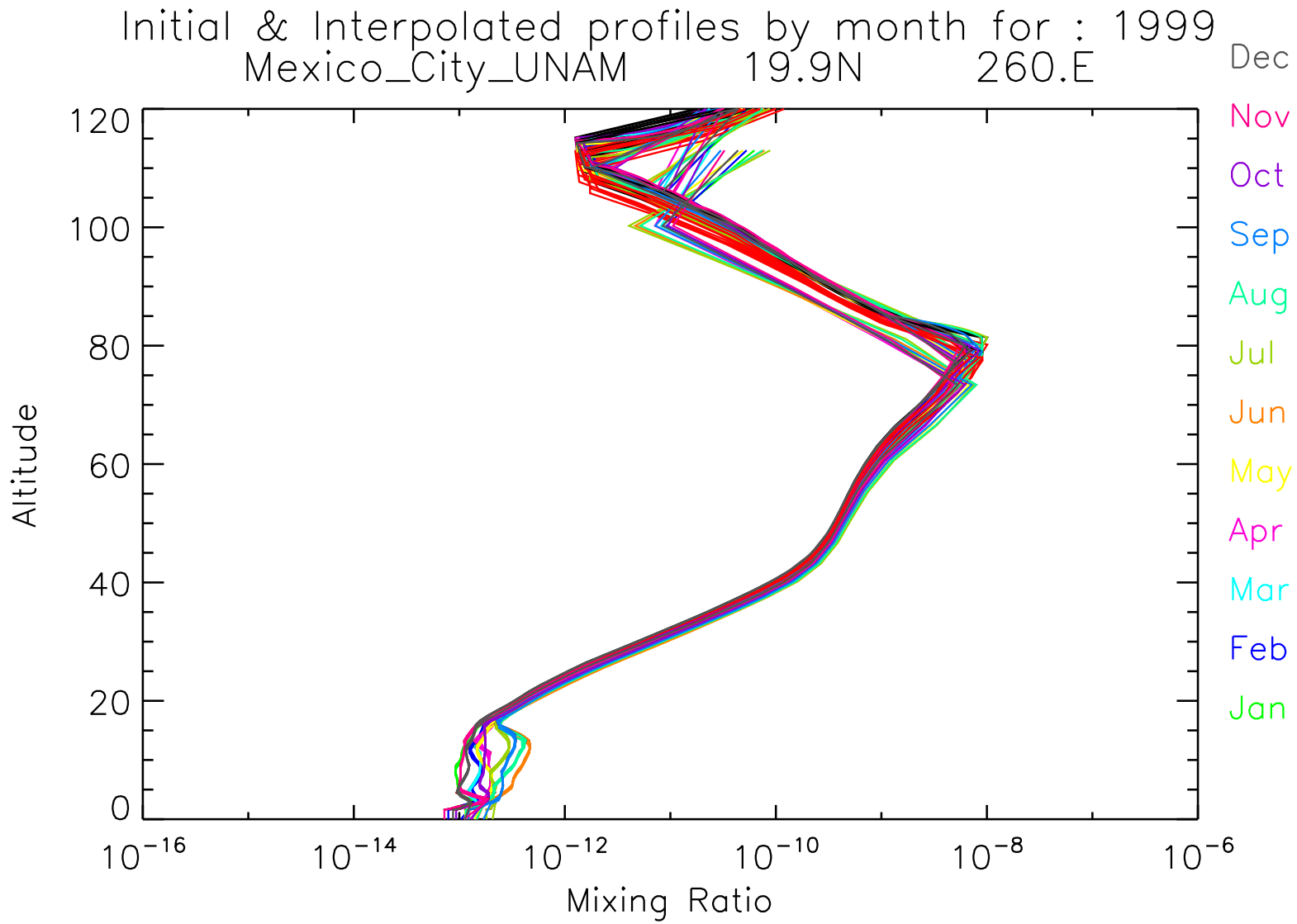
Initial & Interpolated profiles by month for : 1999
Mexico_City_UNAM 19.9N 260.E
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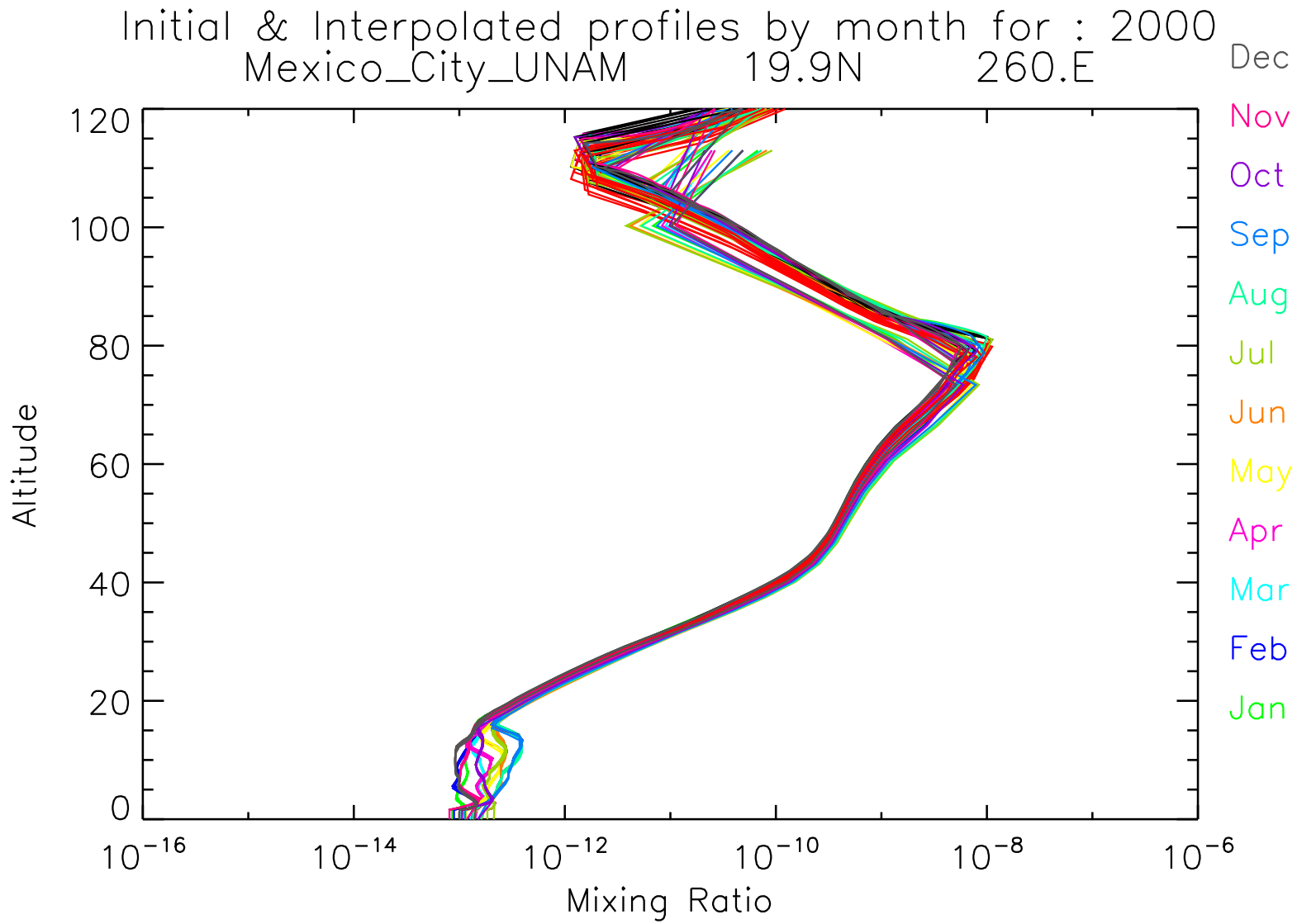
Initial & Interpolated profiles by month for : 2000
Mexico_City_UNAM 19.9N 260.E
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Initial & Interpolated profiles by month for : 2001

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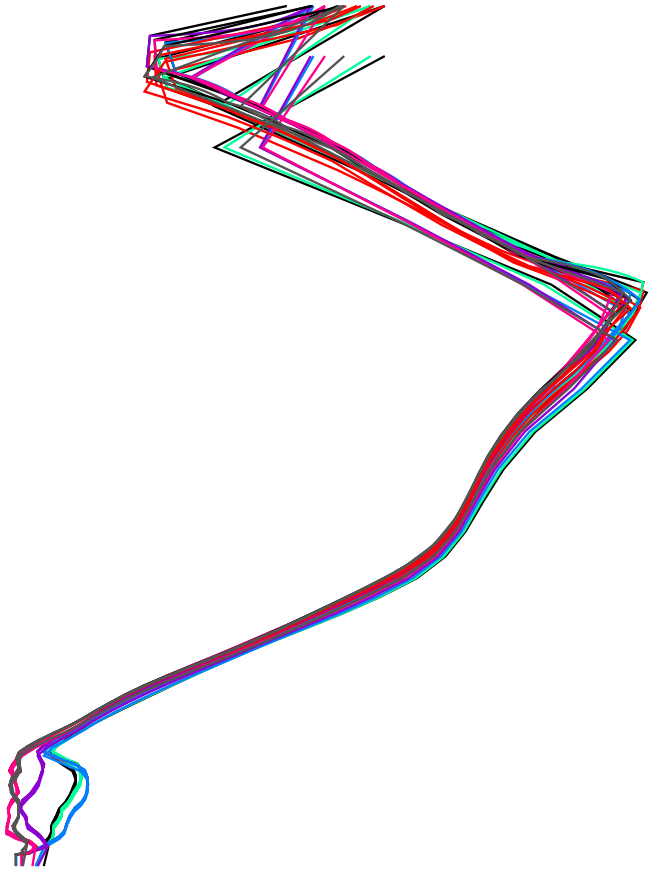

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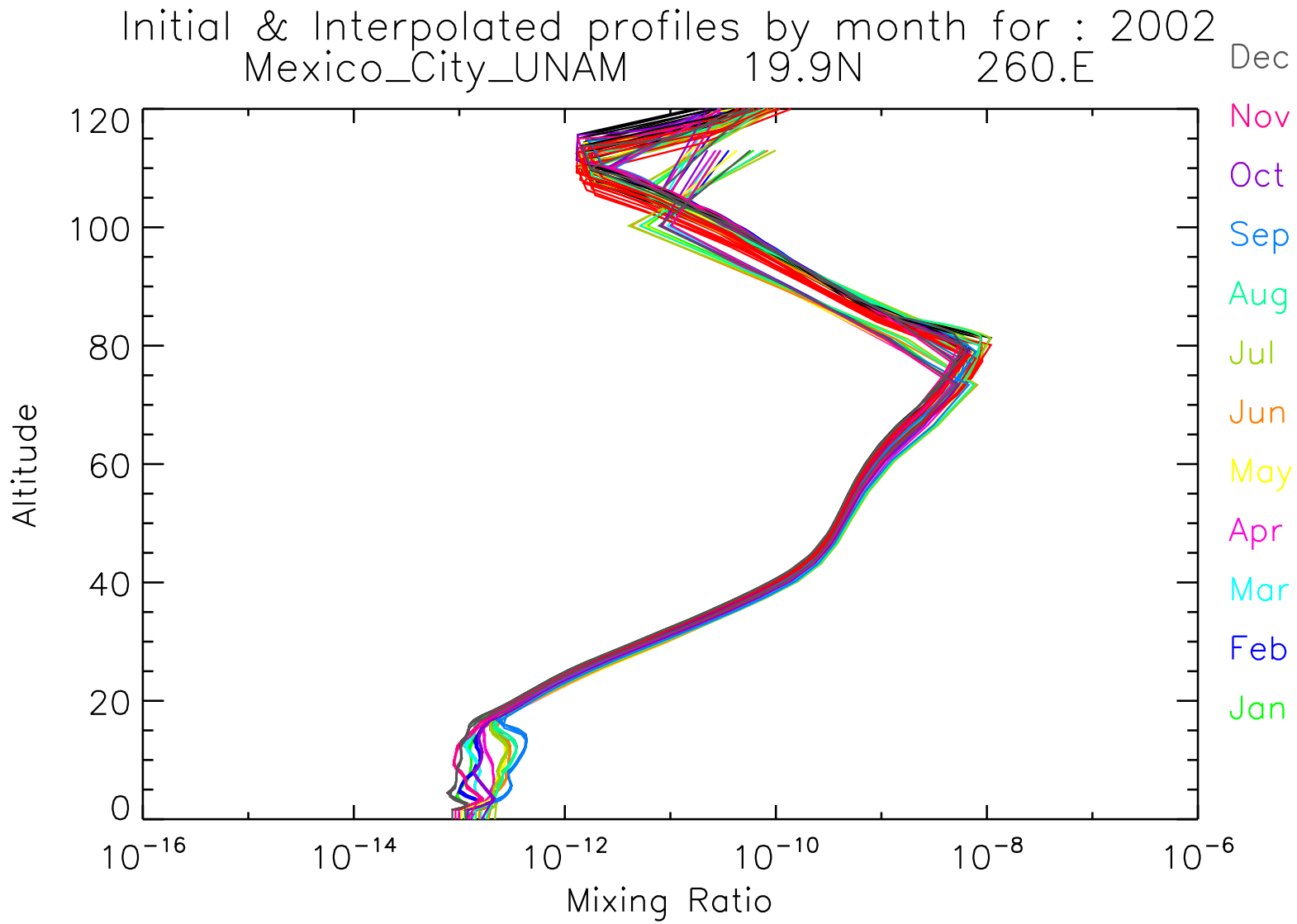
Initial & Interpolated profiles by month for : 2002
Mexico_City_UNAM 19.9N 260.E
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Altitude
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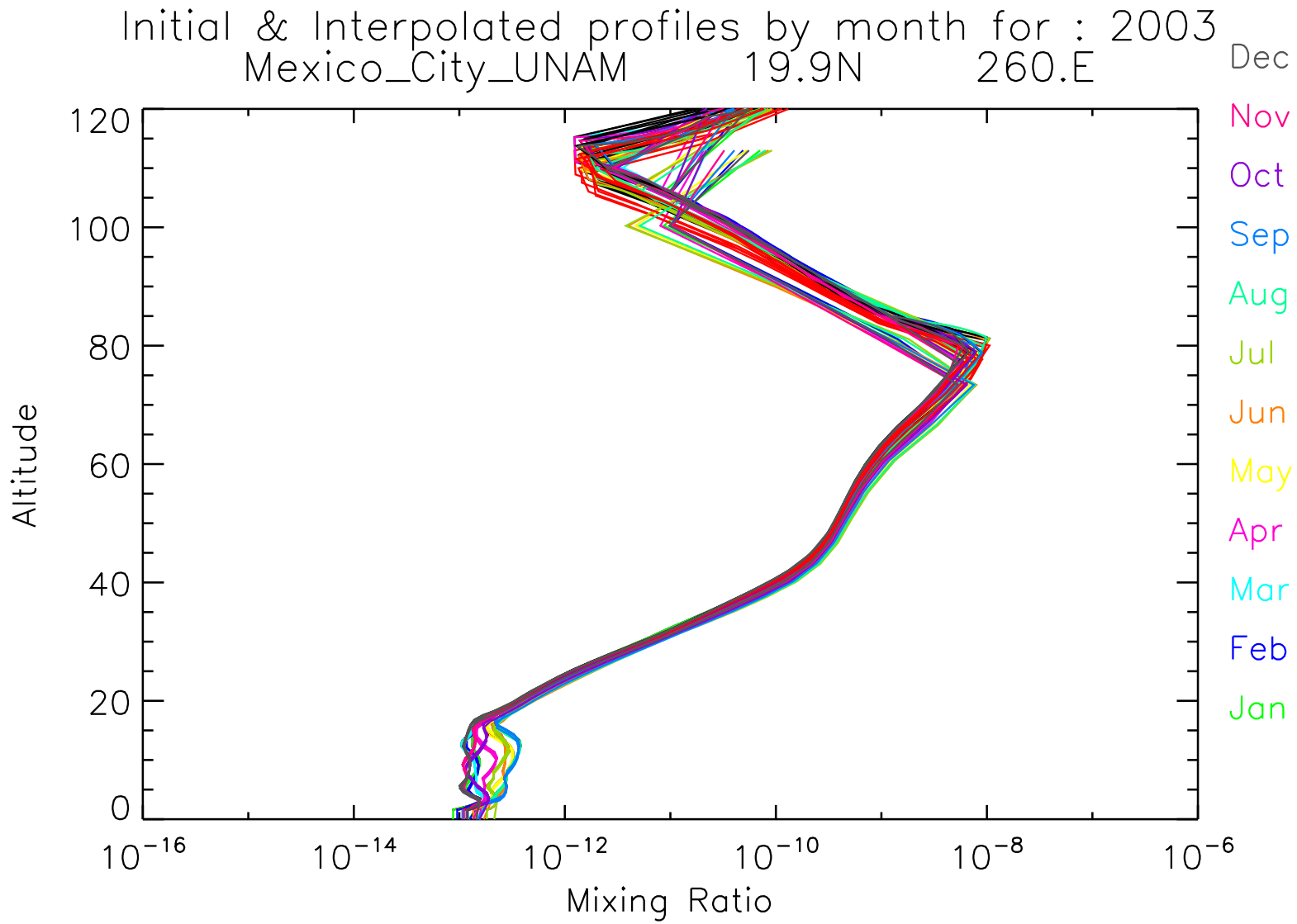
Mixing Ratio


Initial & Interpolated profiles by month for : 2003
Mexico_City_UNAM 19.9N 260.E
Altitude
Mixing Ratio
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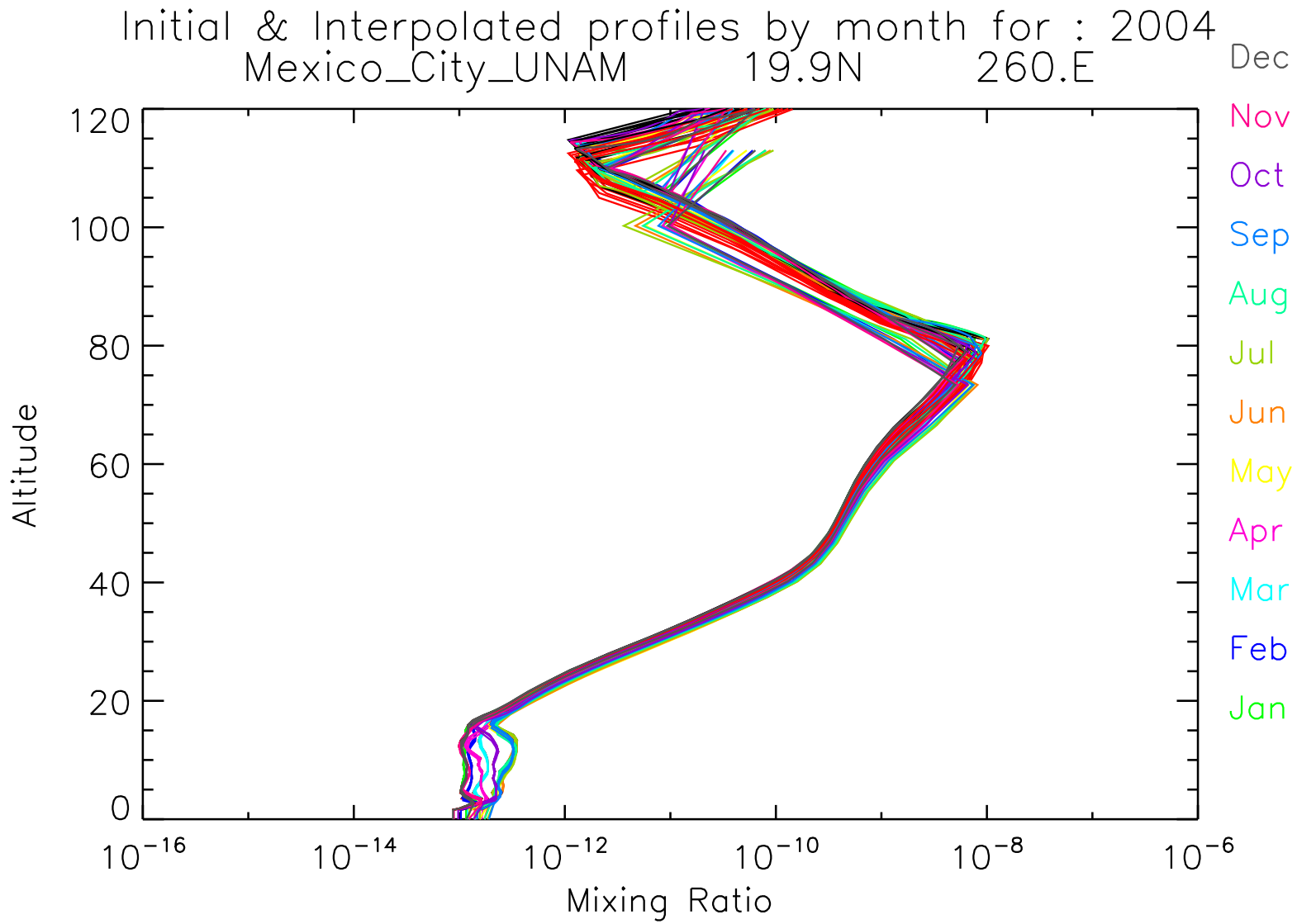
Initial & Interpolated profiles by month for : 2004
Mexico_City_UNAM 19.9N 260.E
Altitude
Mixing Ratio
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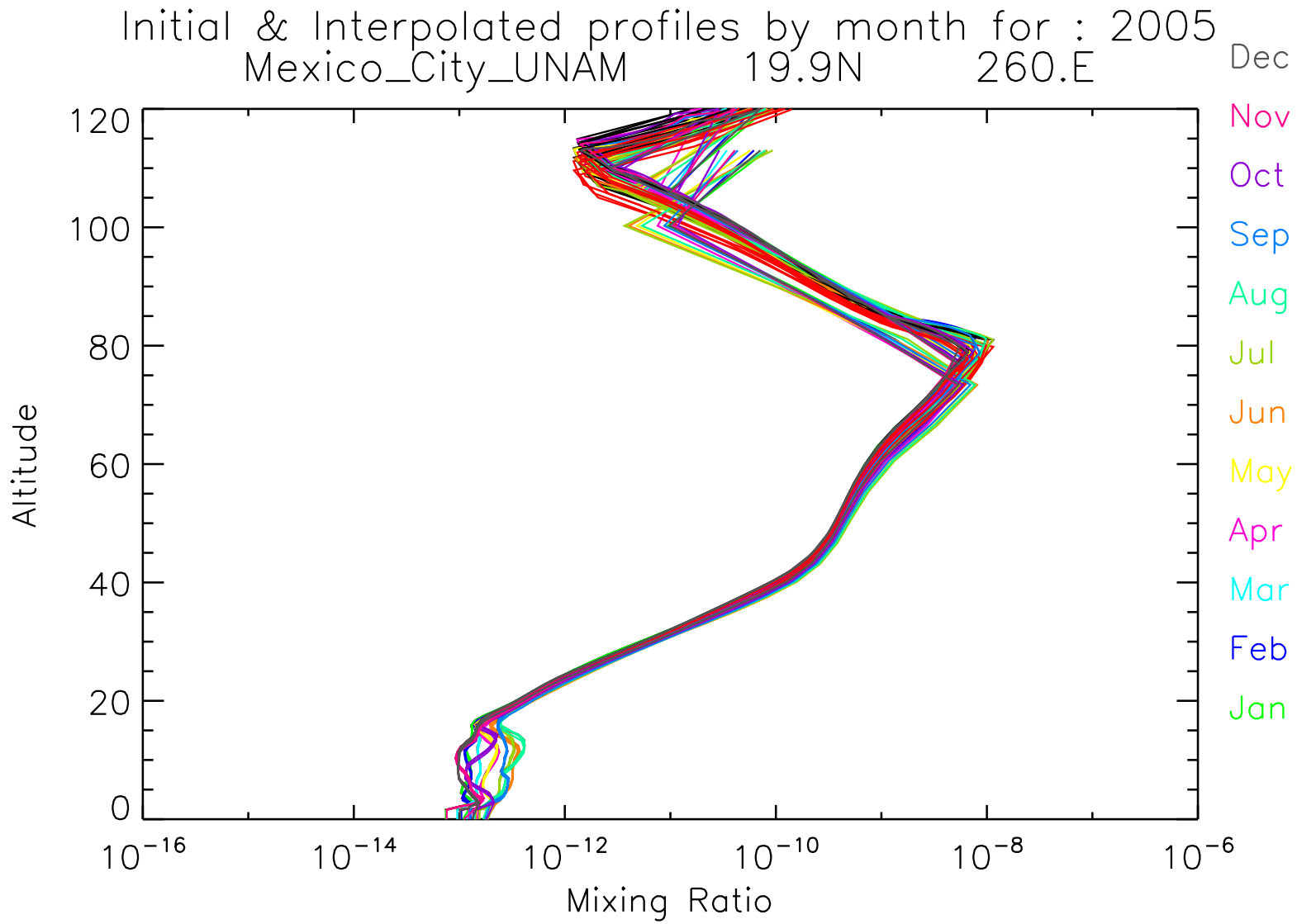
Initial & Interpolated profiles by month for : 2005
Mexico_City_UNAM 19.9N 260.E
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Altitude
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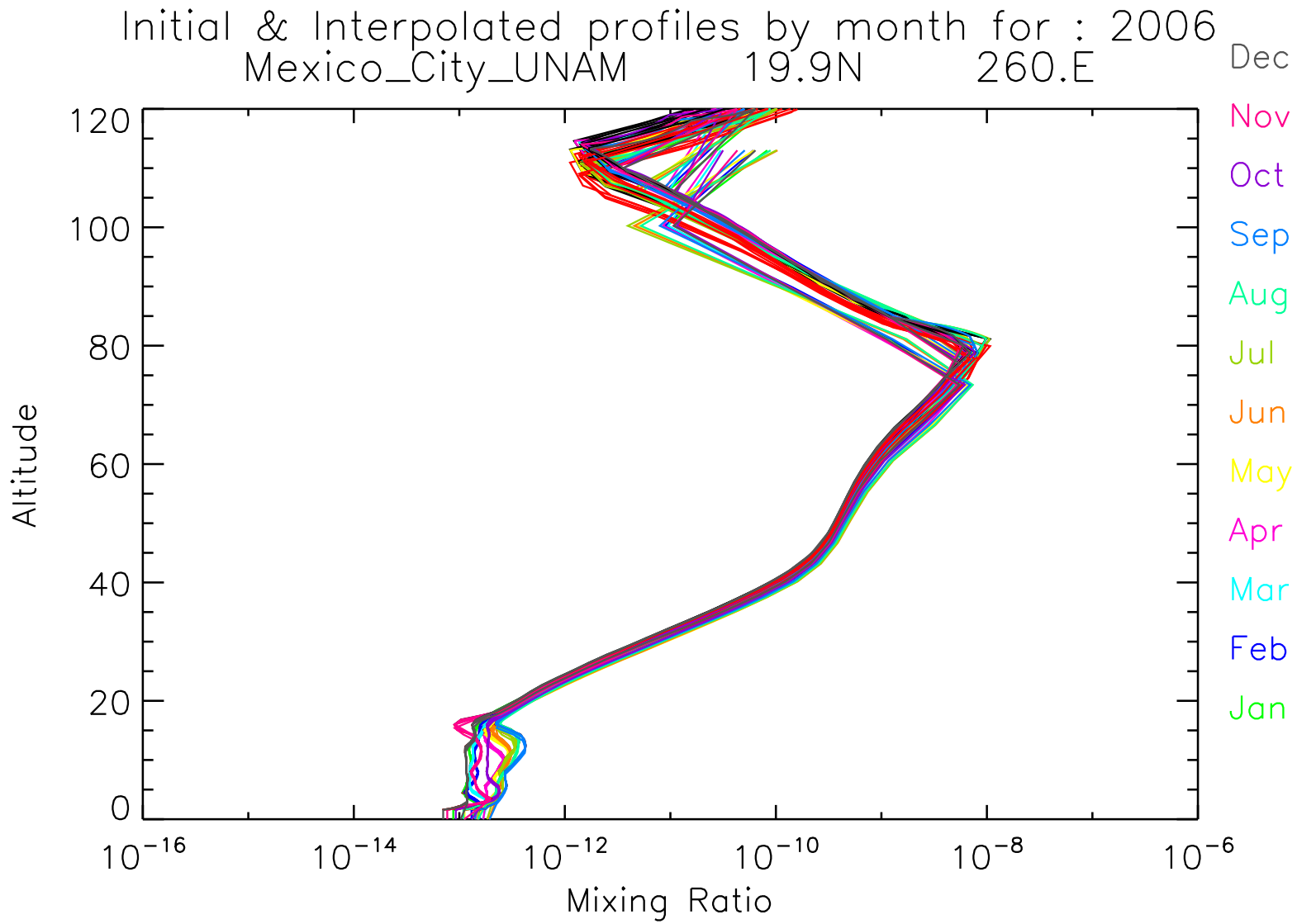
Mixing Ratio


Initial & Interpolated profiles by month for : 2006
Mexico_City_UNAM 19.9N 260.E
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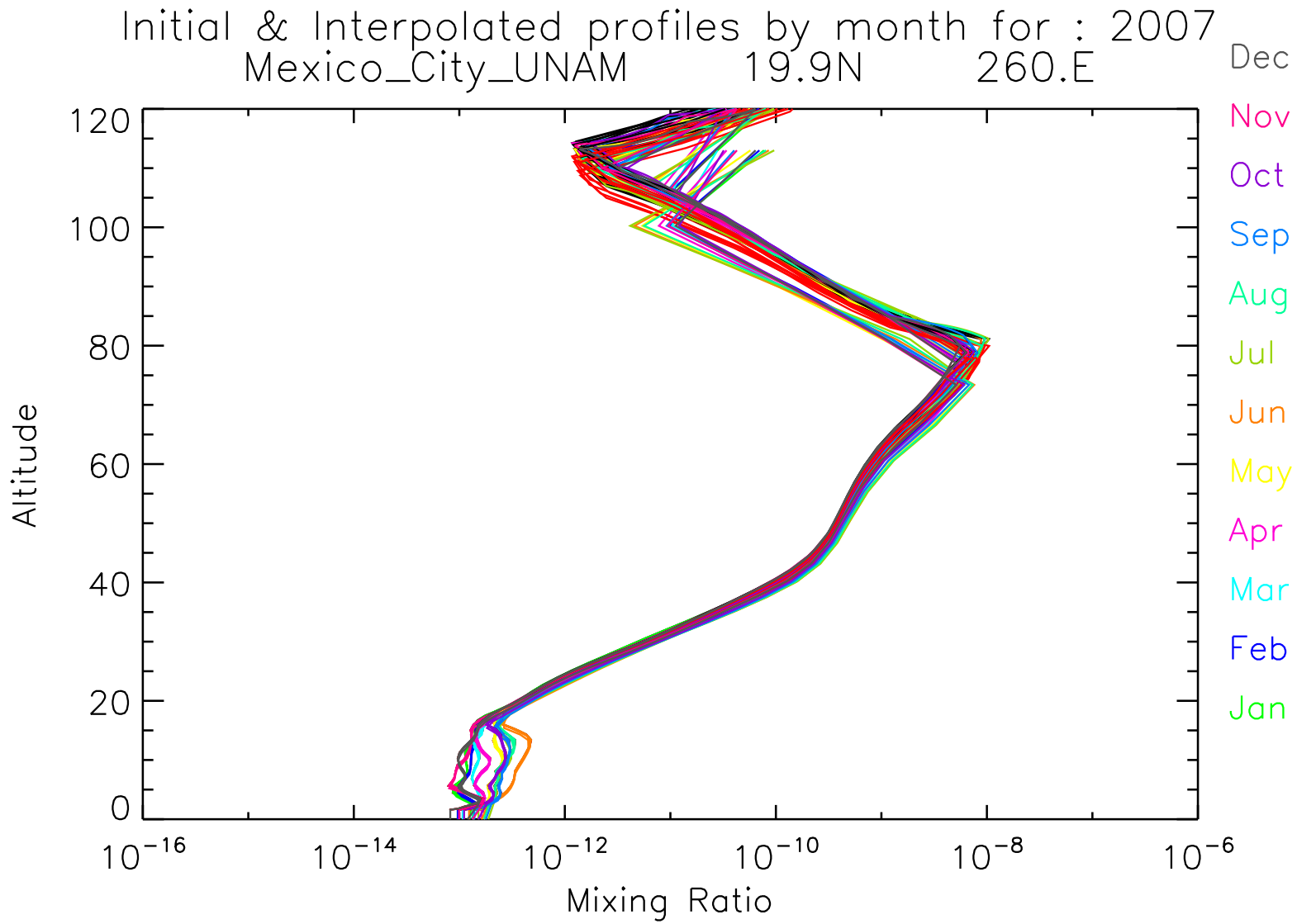
Initial & Interpolated profiles by month for : 2007
Mexico_City_UNAM 19.9N 260.E
Altitude
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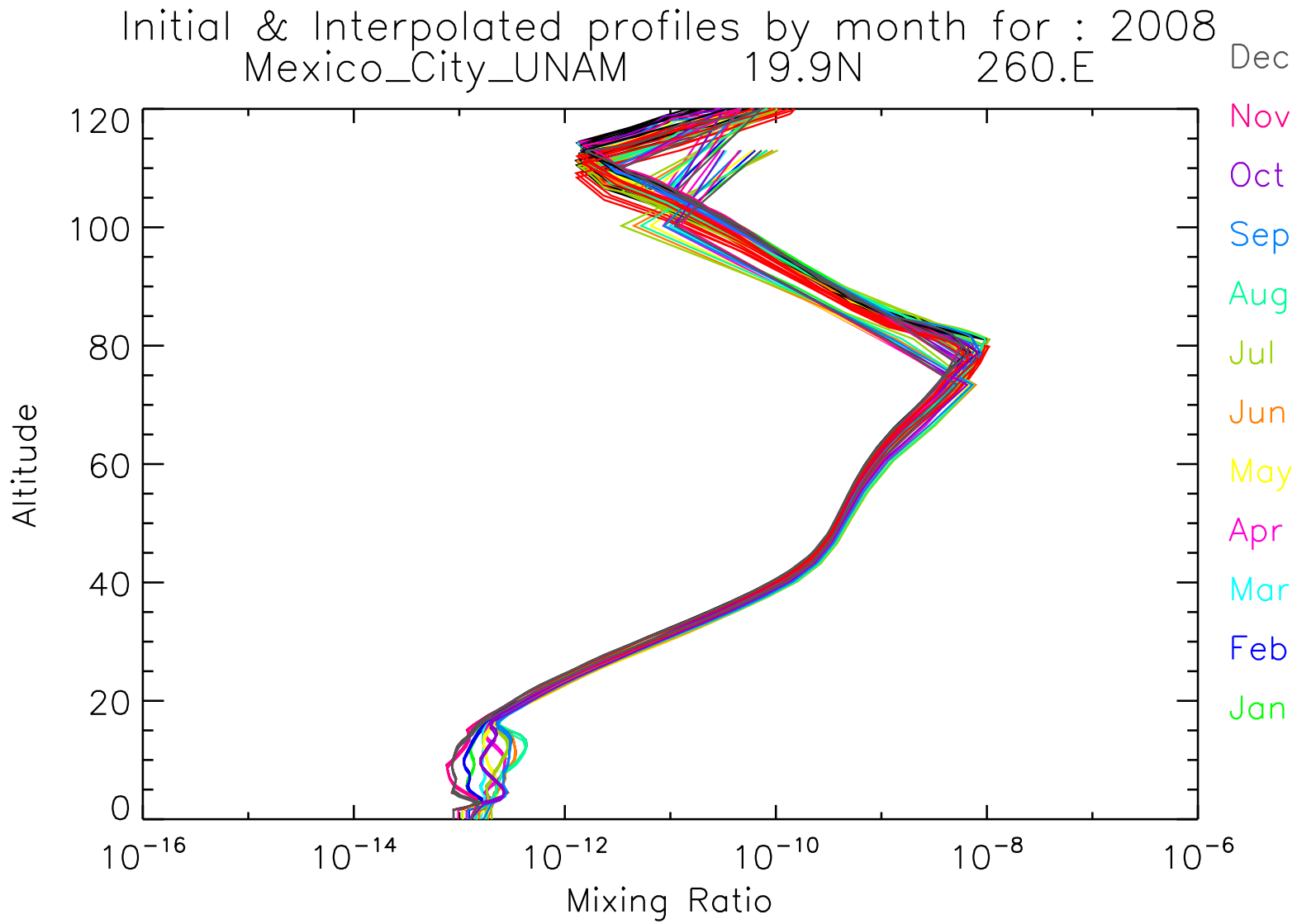
Initial & Interpolated profiles by month for : 2008
Mexico_City_UNAM 19.9N 260.E
Altitude
Mixing Ratio
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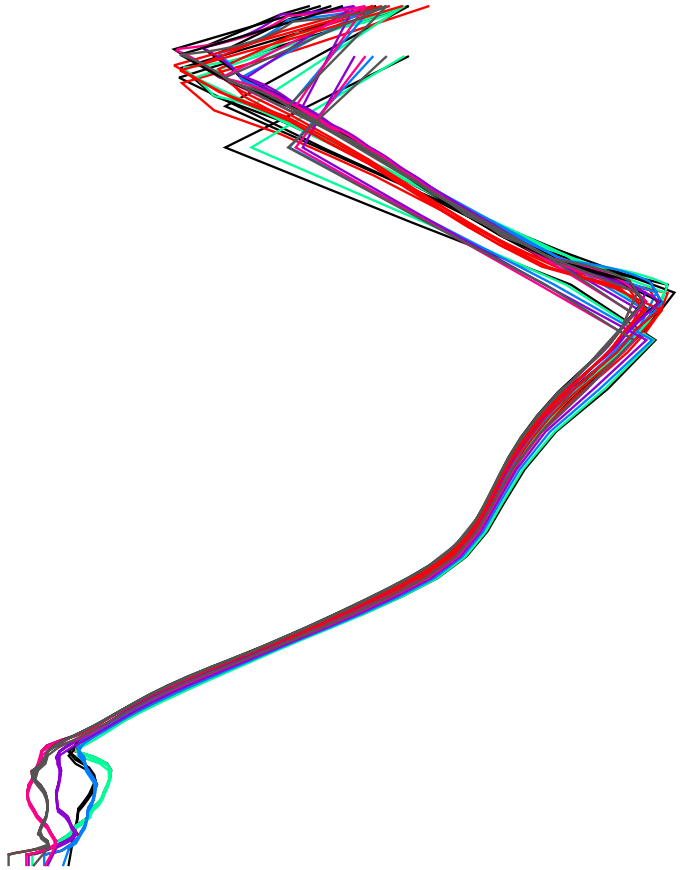
Initial & Interpolated profiles by month



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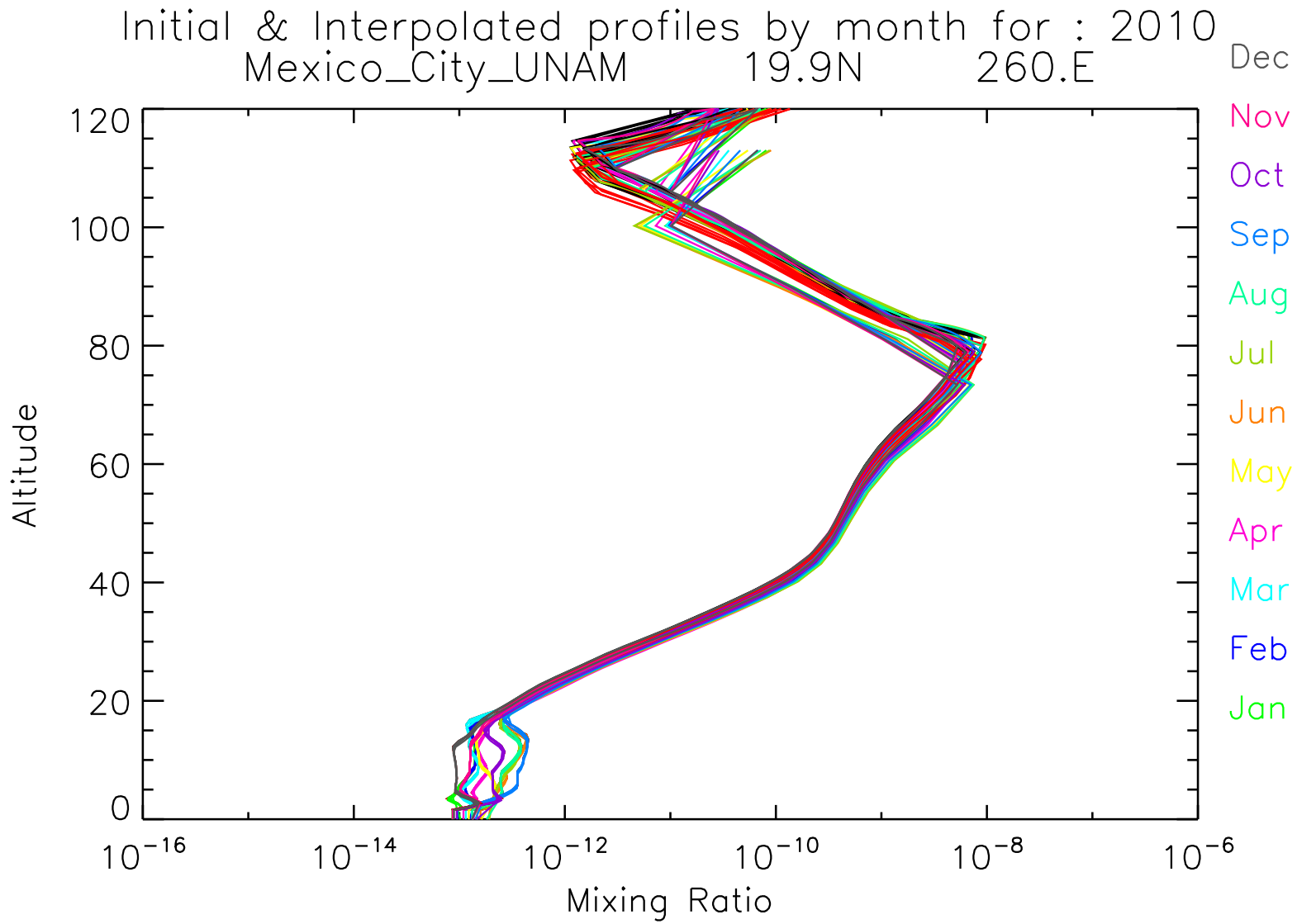
Initial & Interpolated profiles by month for : 2010
Mexico_City_UNAM 19.9N 260.E
Altitude
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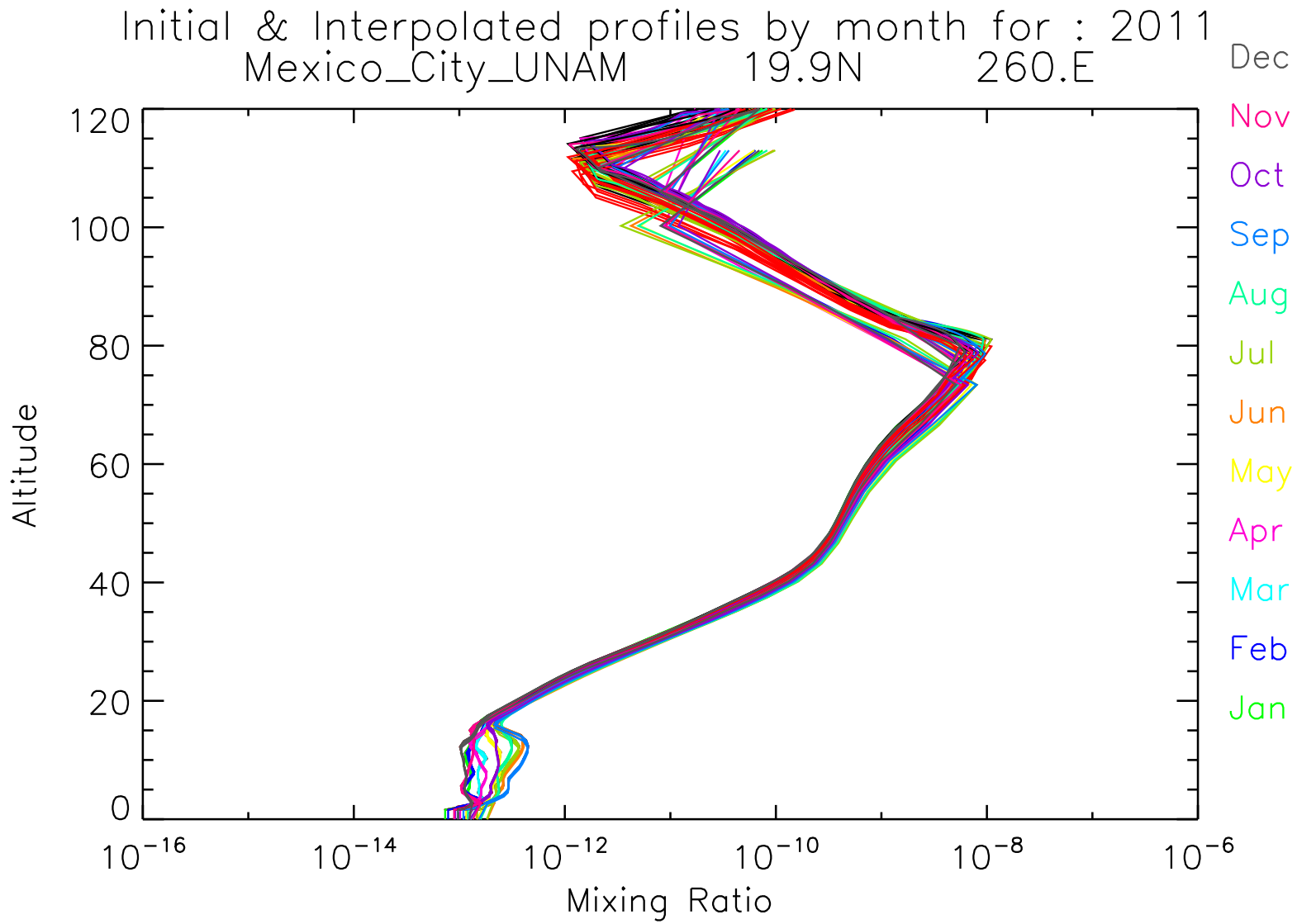
Initial & Interpolated profiles by month for : 2011
Mexico_City_UNAM 19.9N 260.E
Altitude
Mixing Ratio
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Feb
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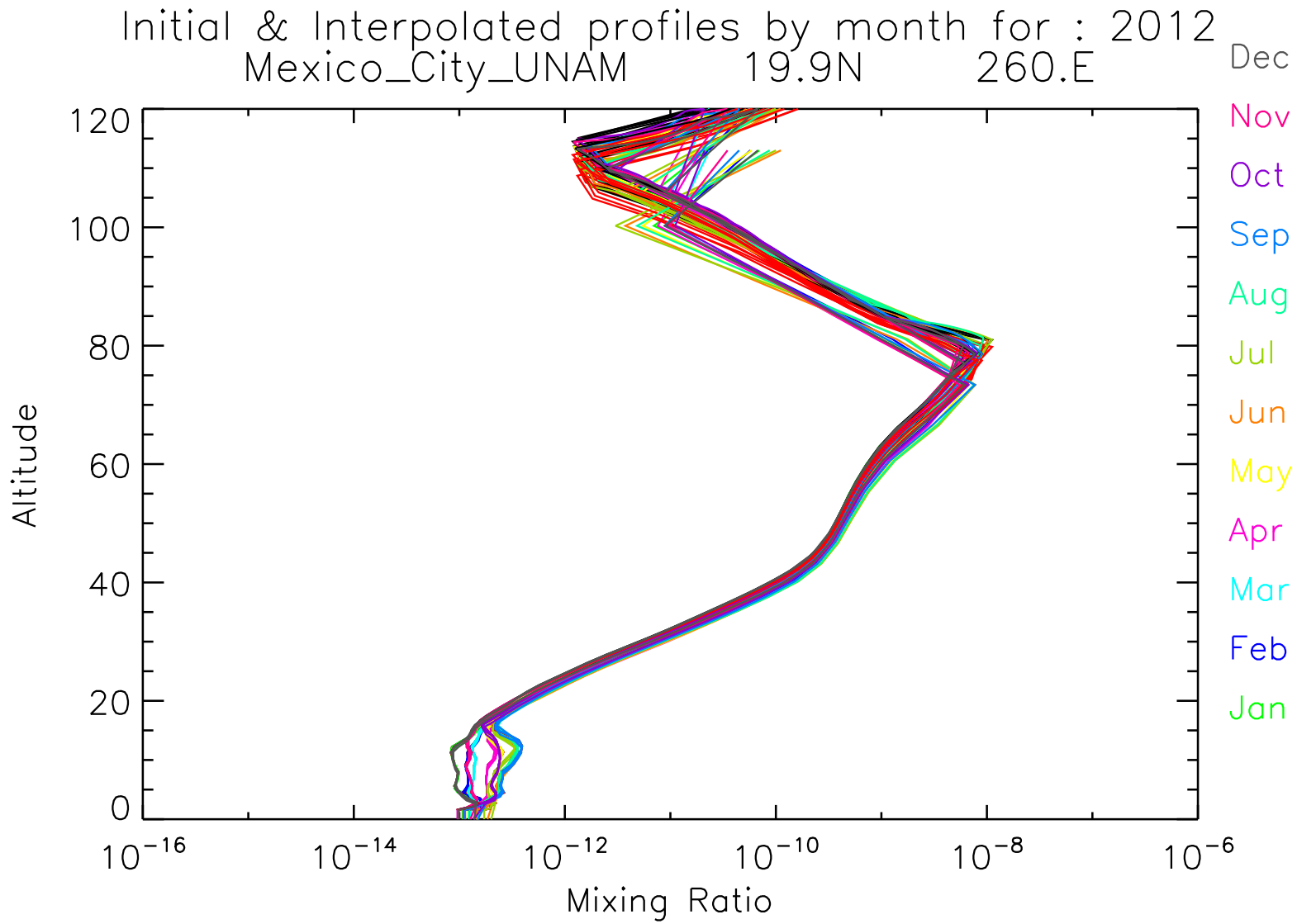
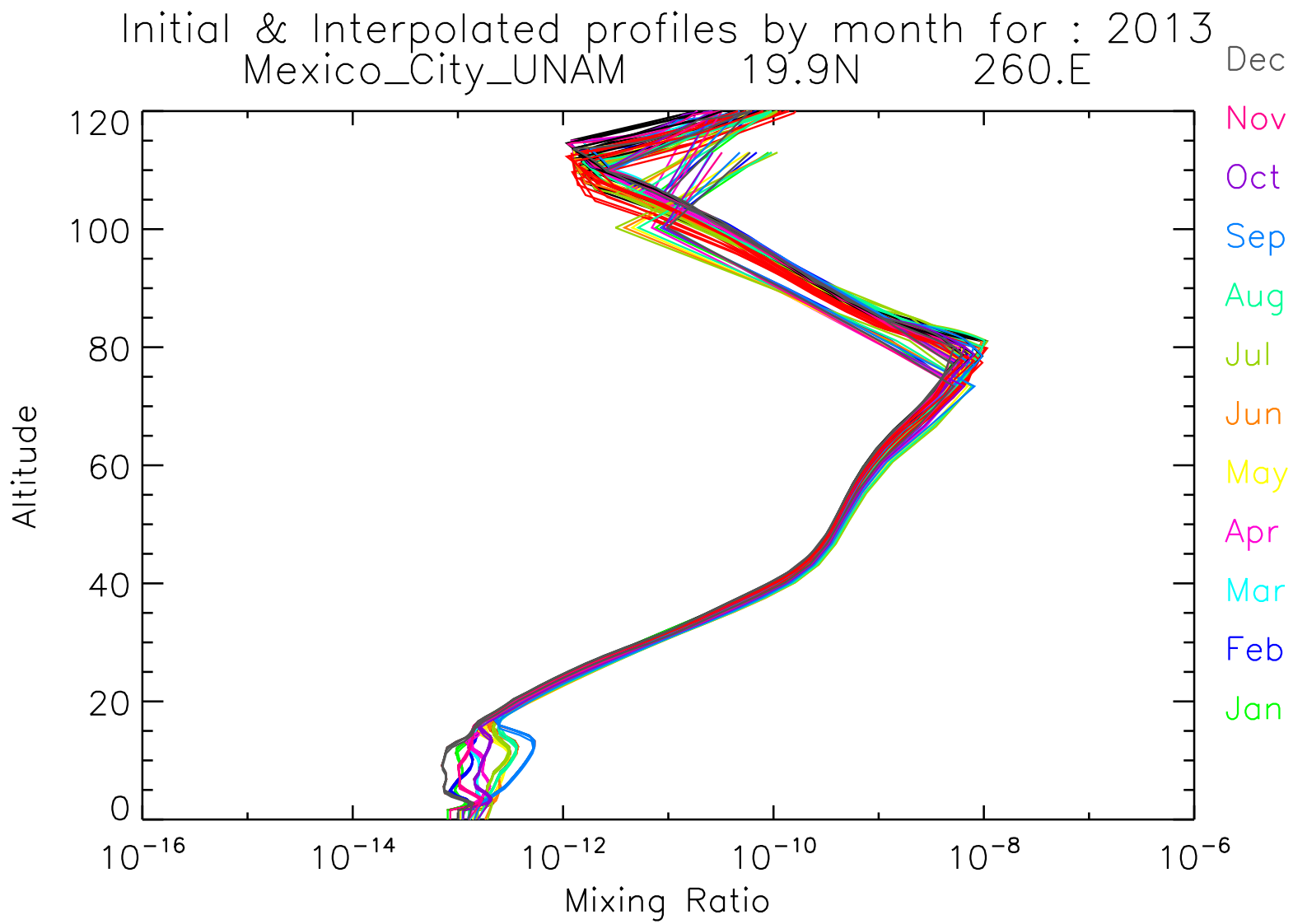
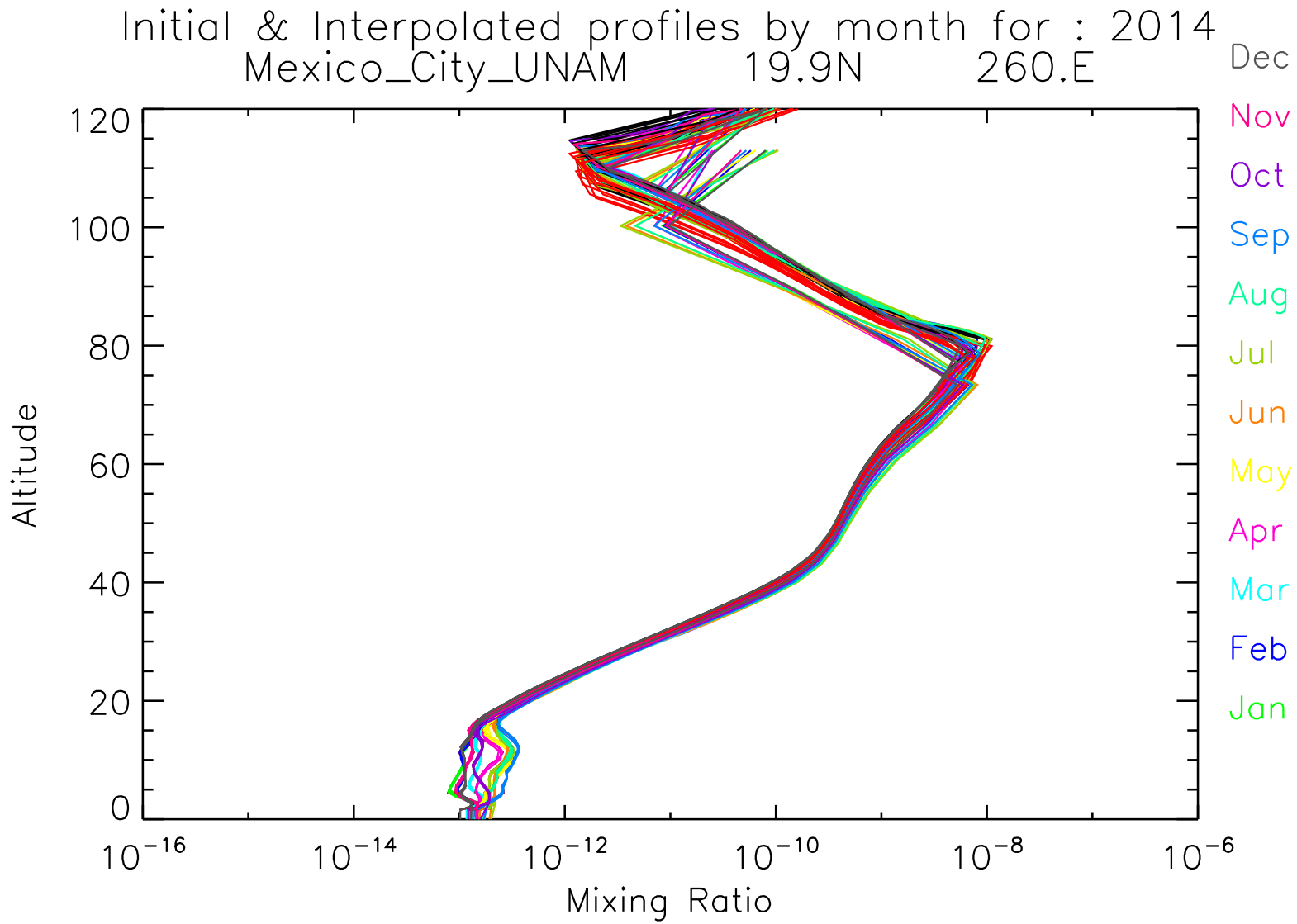
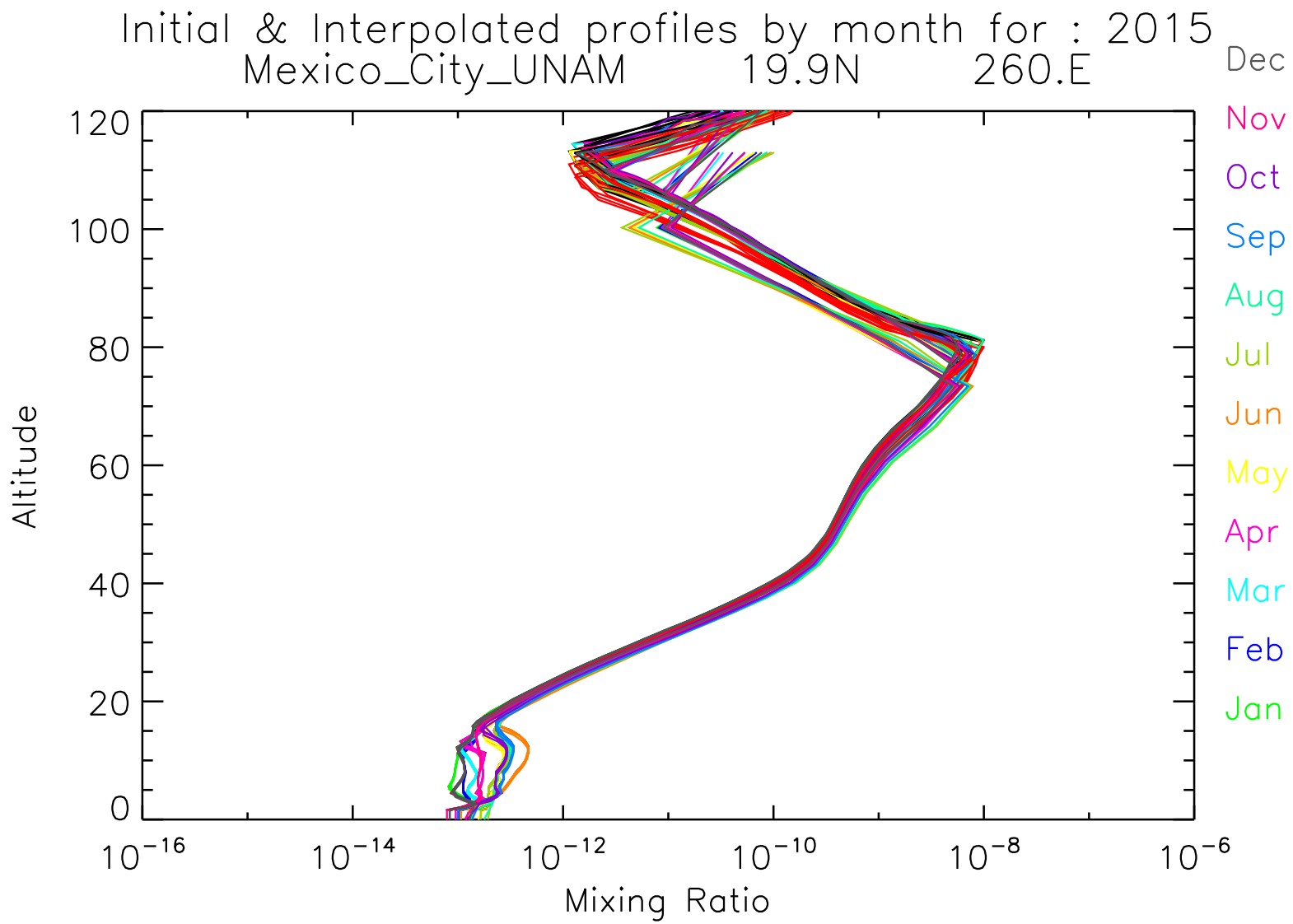
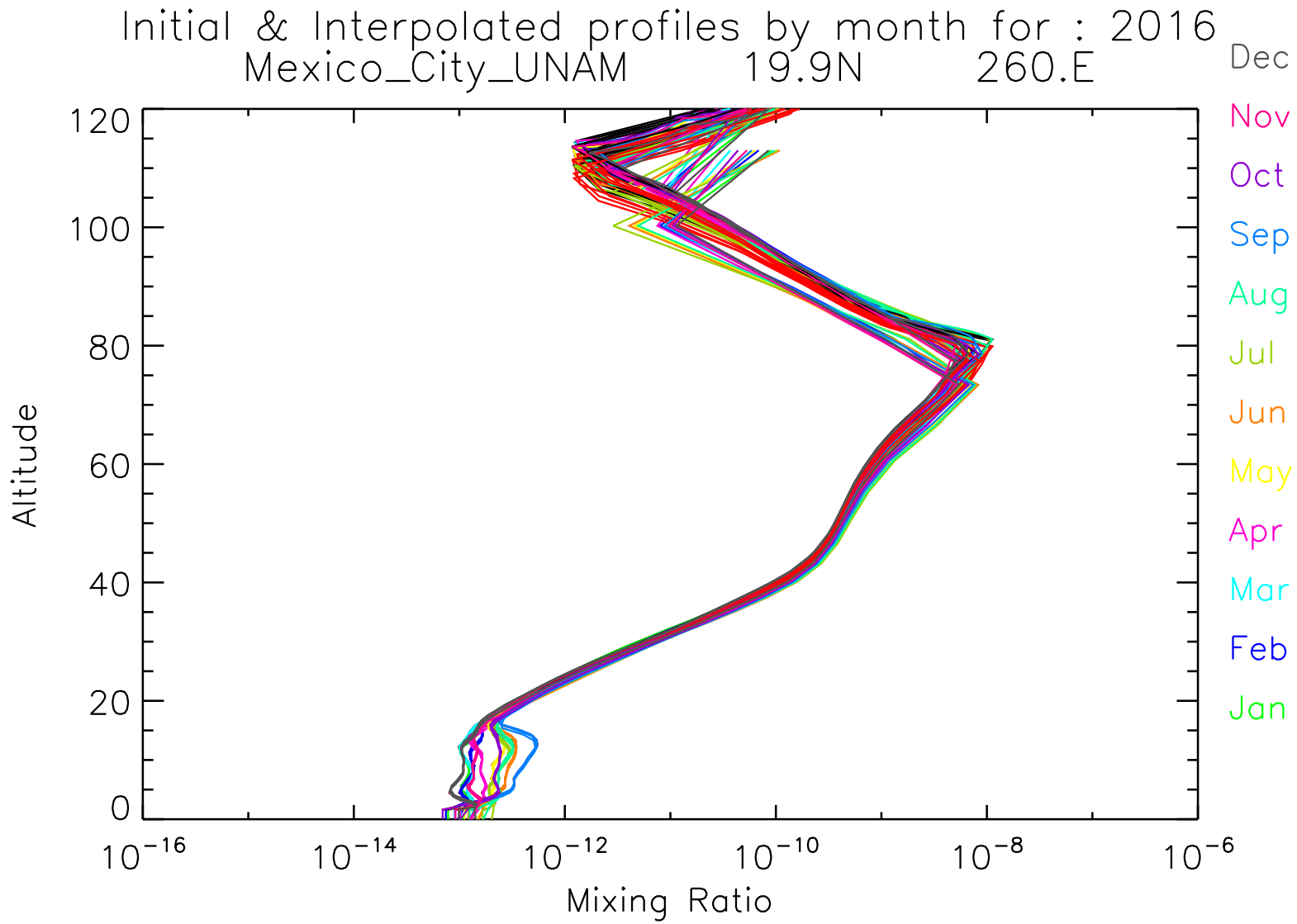

Initial & Interpolated profiles by month for : 2012
Mexico_City_UNAM 19.9N 260.E
Altitude
120
100
80
60
40
20
0
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
10^{-6}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

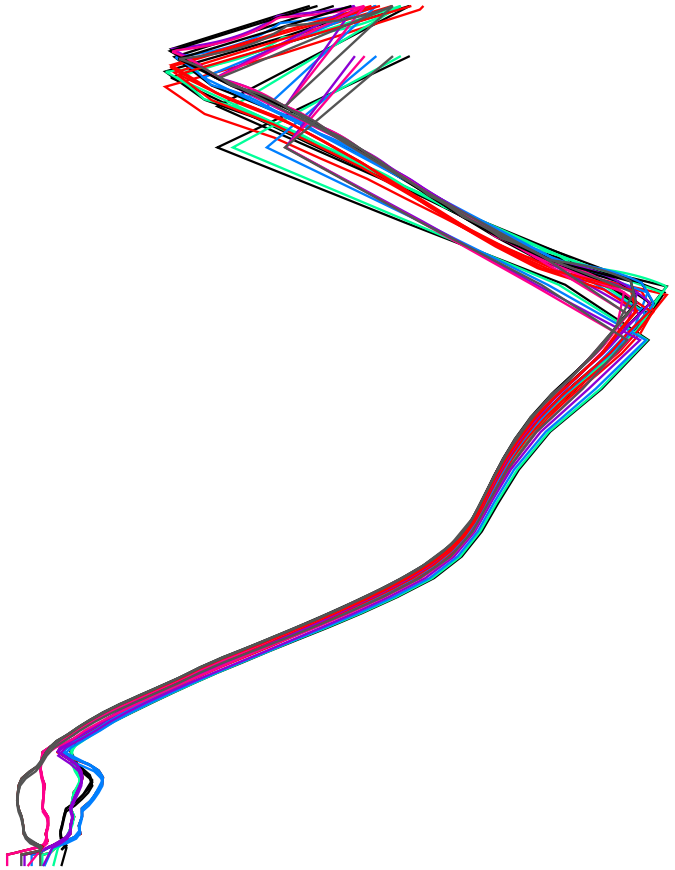

Initial & Interpolated profiles by month for : 2013
Mexico_City_UNAM 19.9N 260.E
Altitude
Mixing Ratio
120
100
80
60
40
20
0
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
10^{-6}
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan


Initial & Interpolated profiles by month for : 2014
Mexico_City_UNAM 19.9N 260.E
Altitude
120
100
80
60
40
20
0
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
10^{-6}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

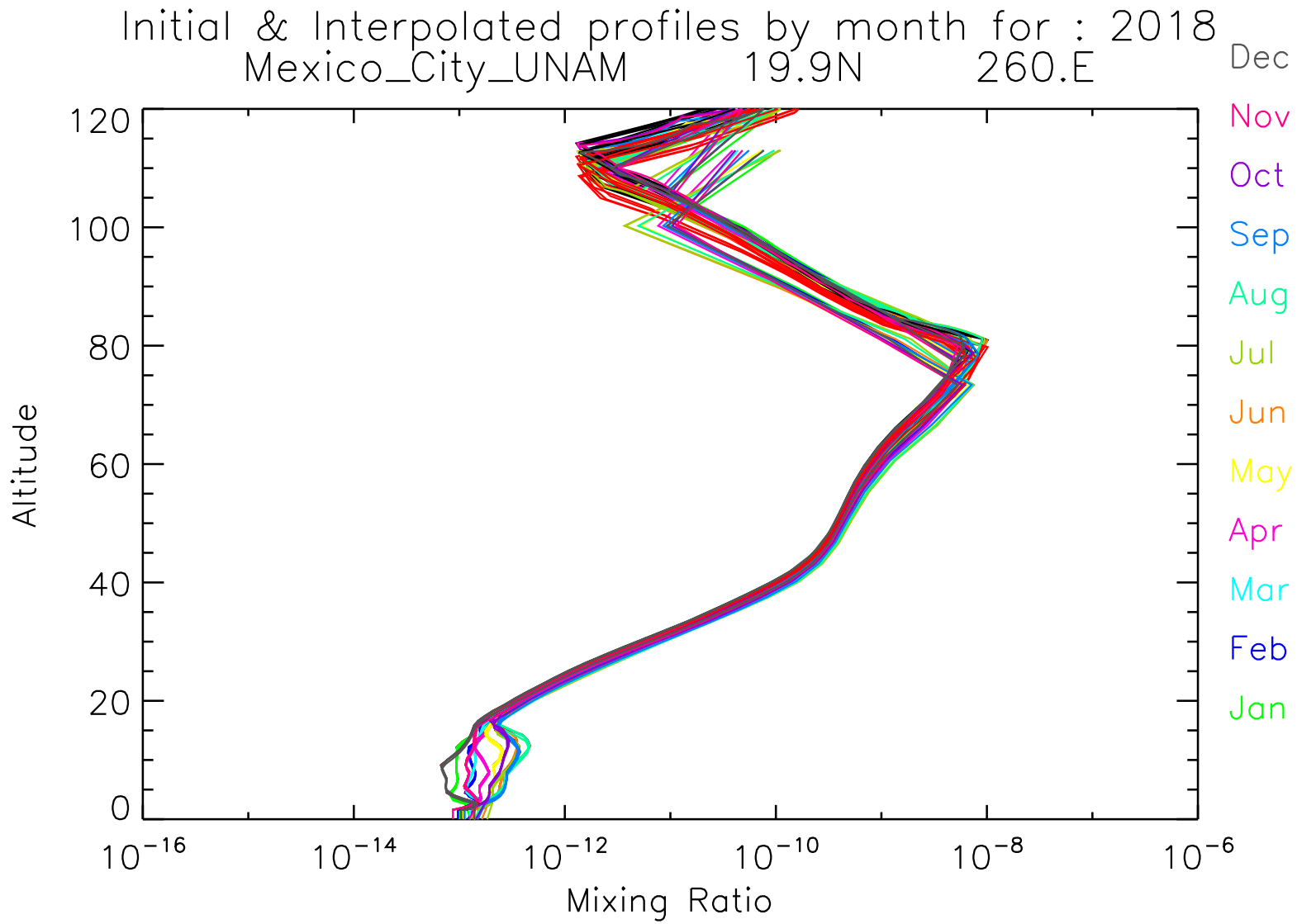

Initial & Interpolated profiles by month for : 2015
Mexico_City_UNAM 19.9N 260.E
Altitude
120
100
80
60
40
20
0
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
10^{-6}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

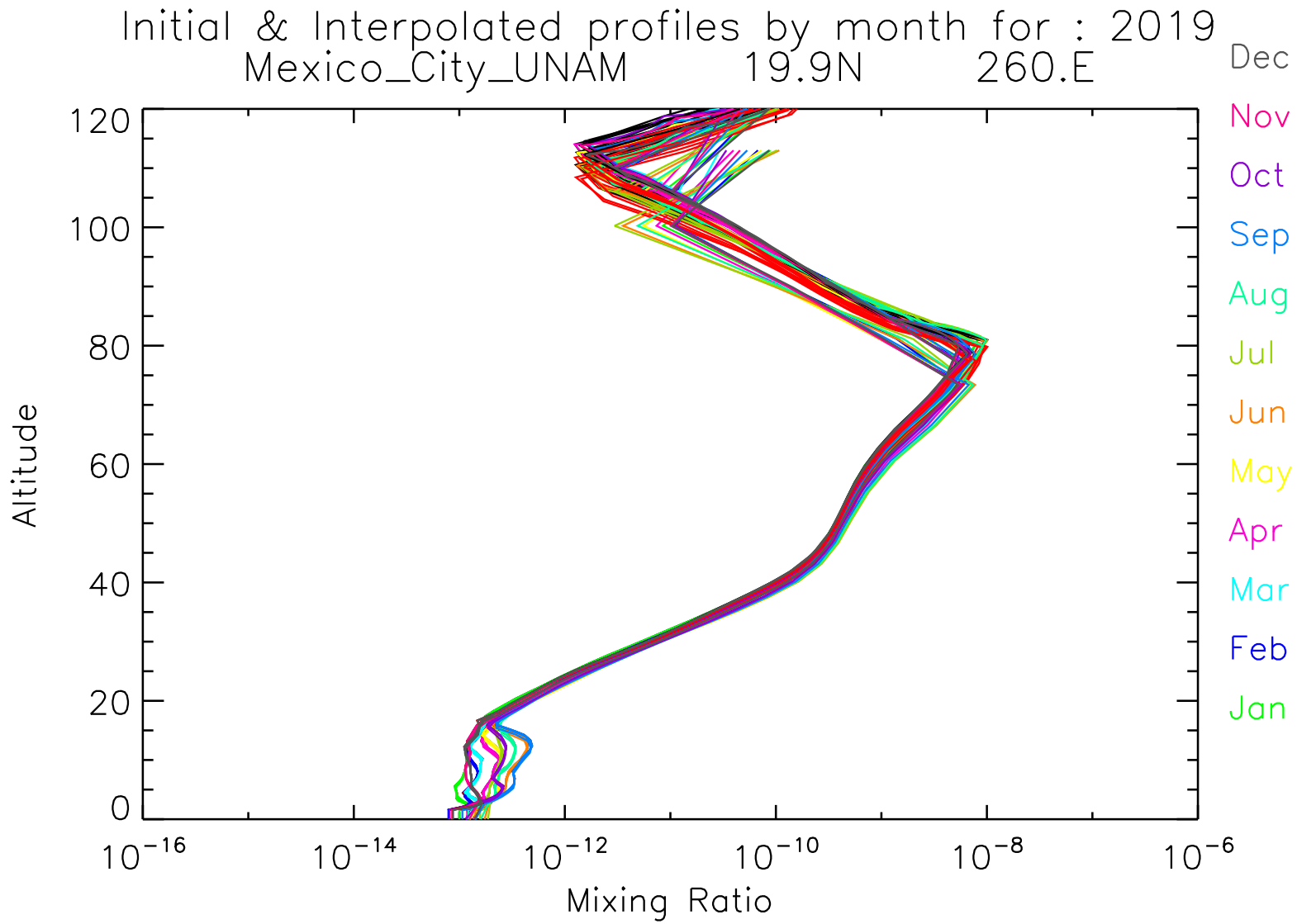

Initial & Interpolated profiles by month for : 2016
Mexico_City_UNAM 19.9N 260.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
10^{-6}
Mixing Ratio

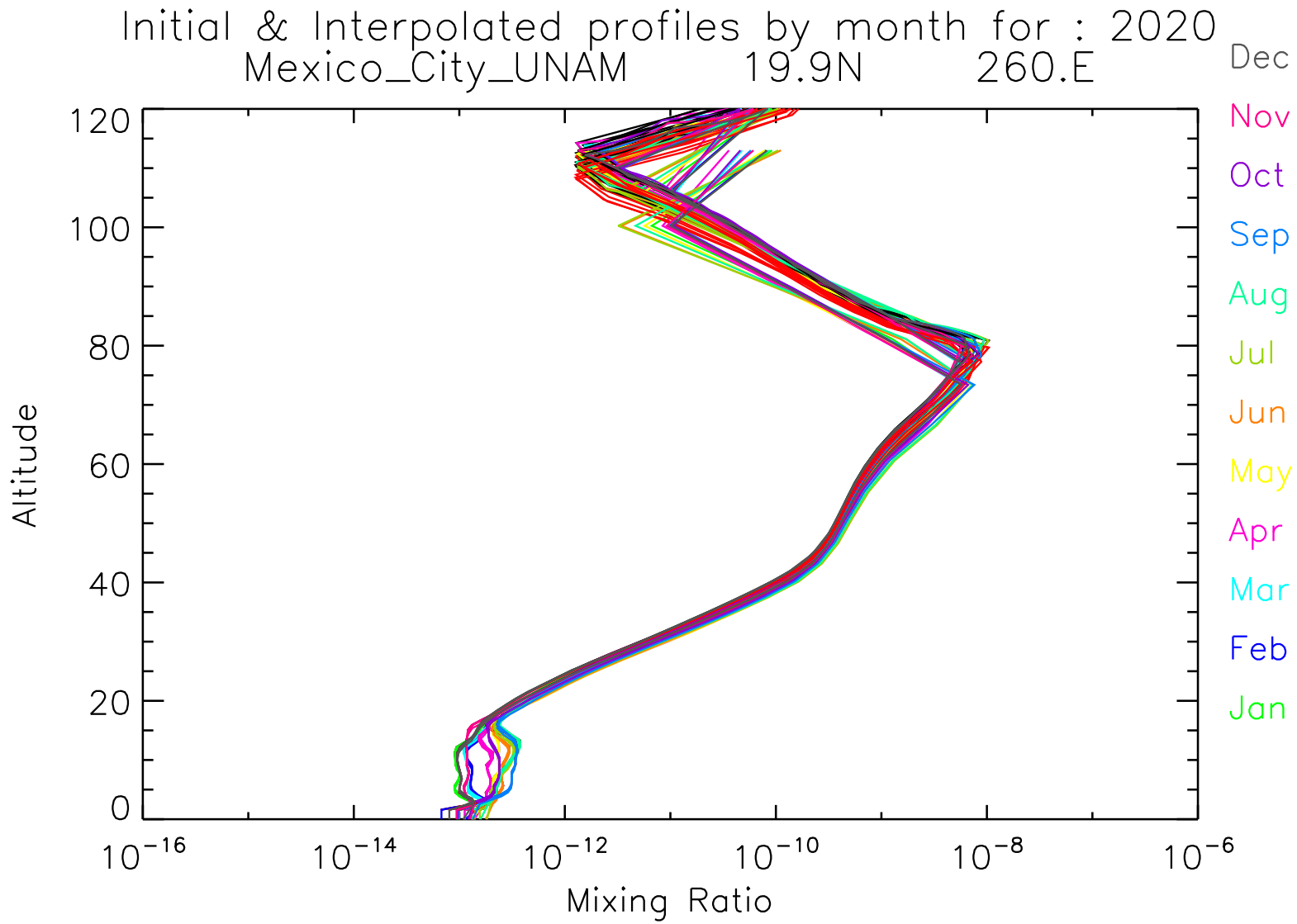
Initial & Interpolated pro

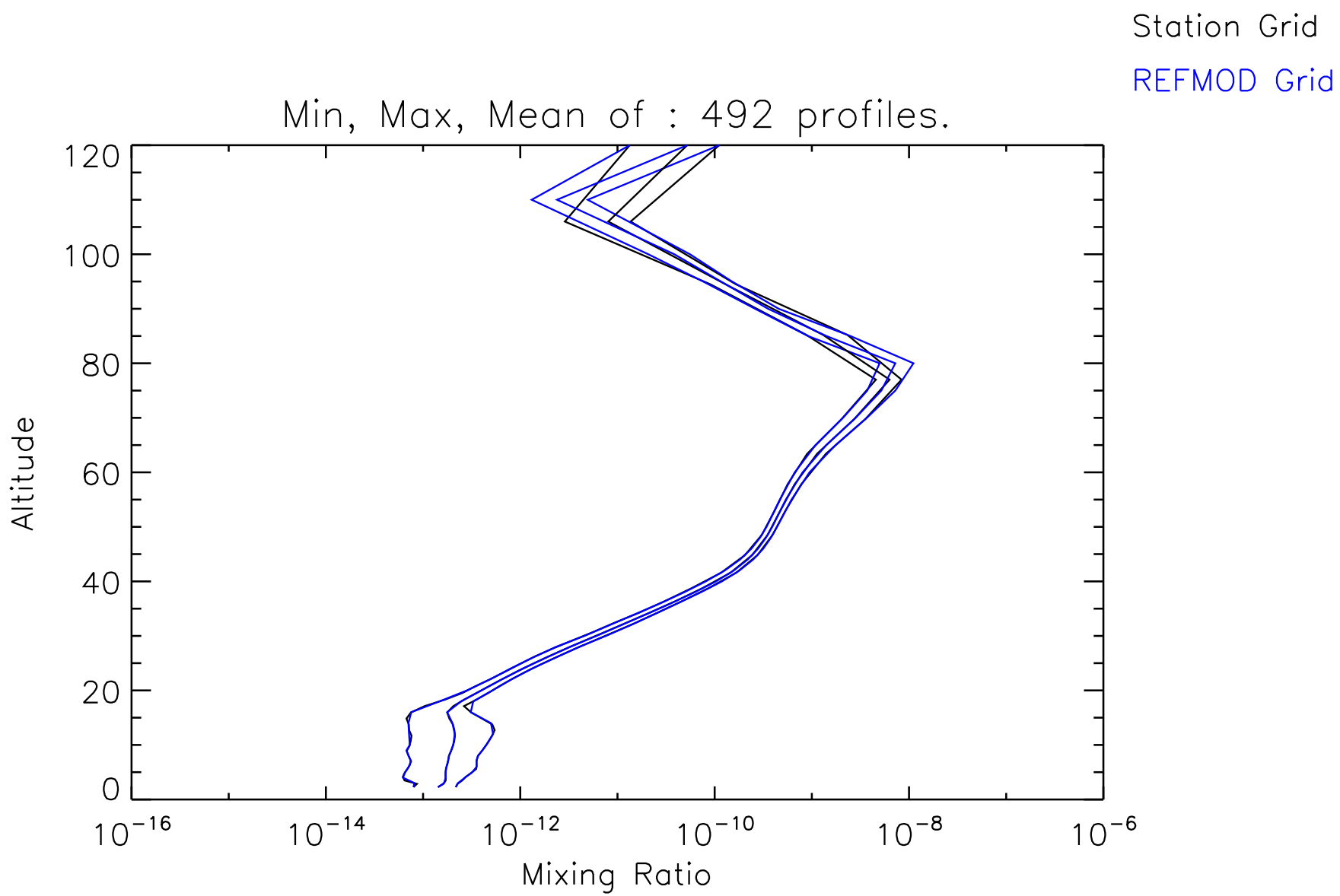


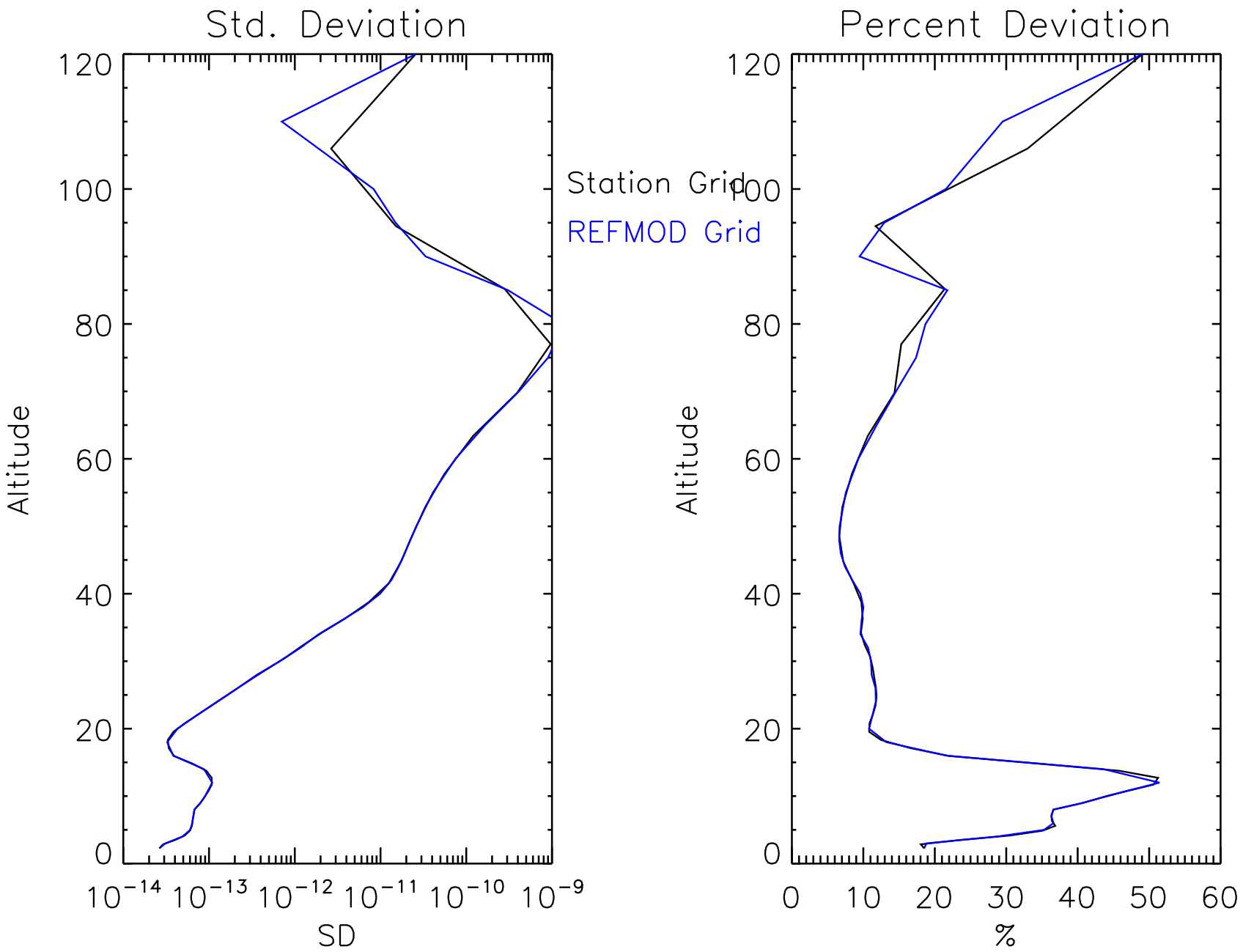
Dec
Nov
Oct
Sep
Aug
Jul

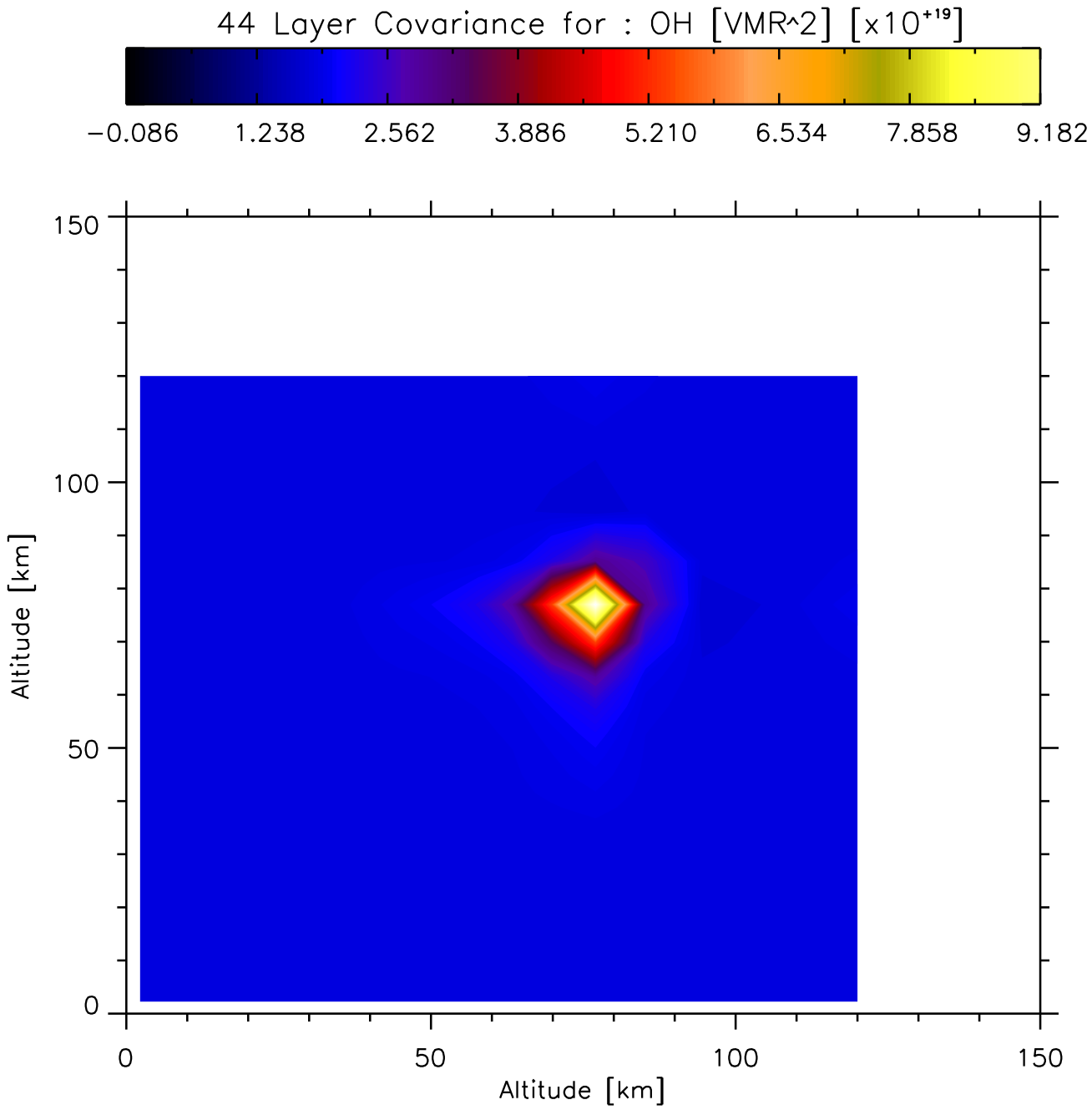

Initial & Interpolated profiles by month for : 2018
Mexico_City_UNAM 19.9N 260.E
Altitude
Mixing Ratio
120
100
80
60
40
20
0
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
10^{-6}
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

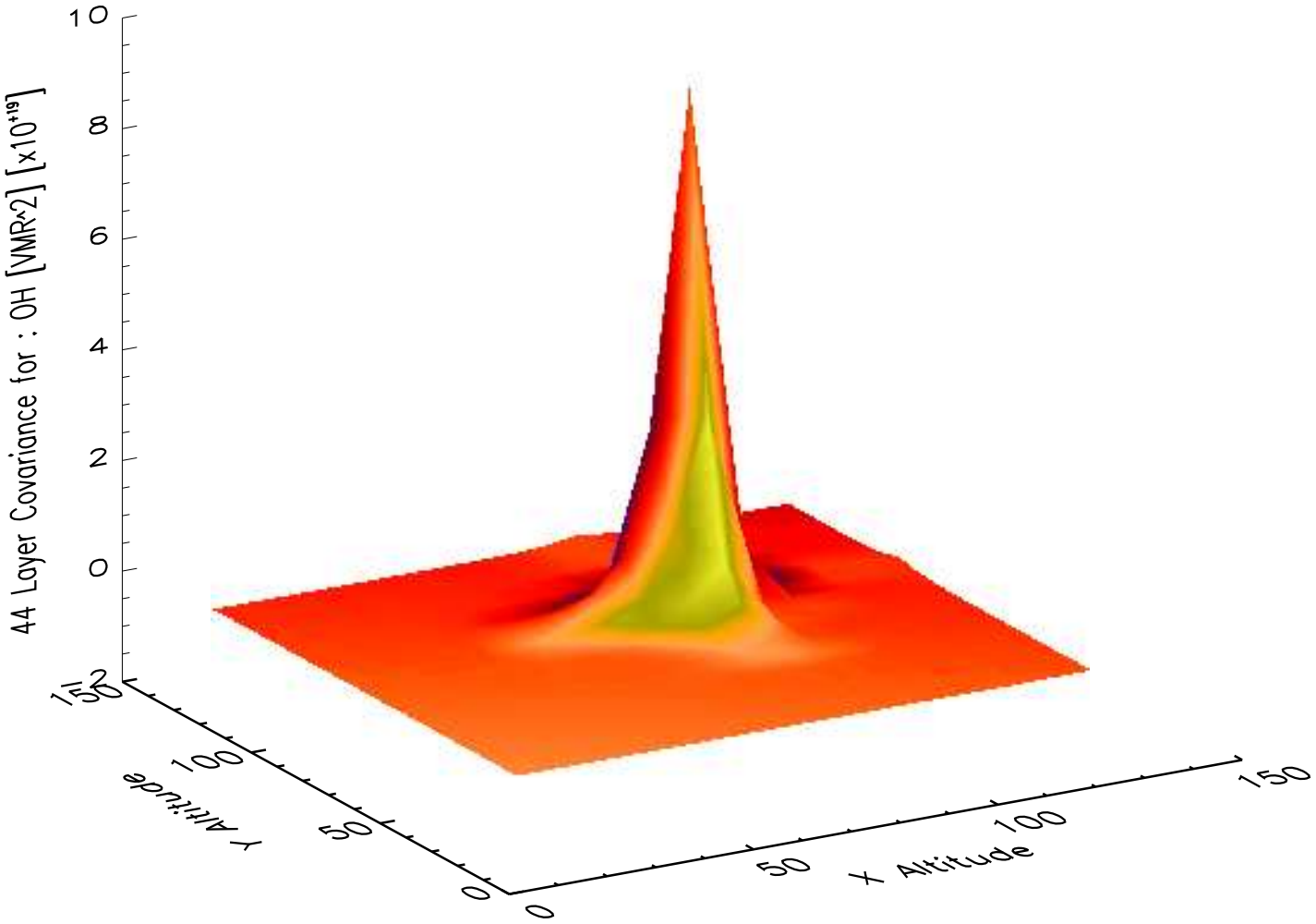

Initial & Interpolated profiles by month for : 2019
Mexico_City_UNAM 19.9N 260.E
Altitude
120
100
80
60
40
20
0
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
10^{-6}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

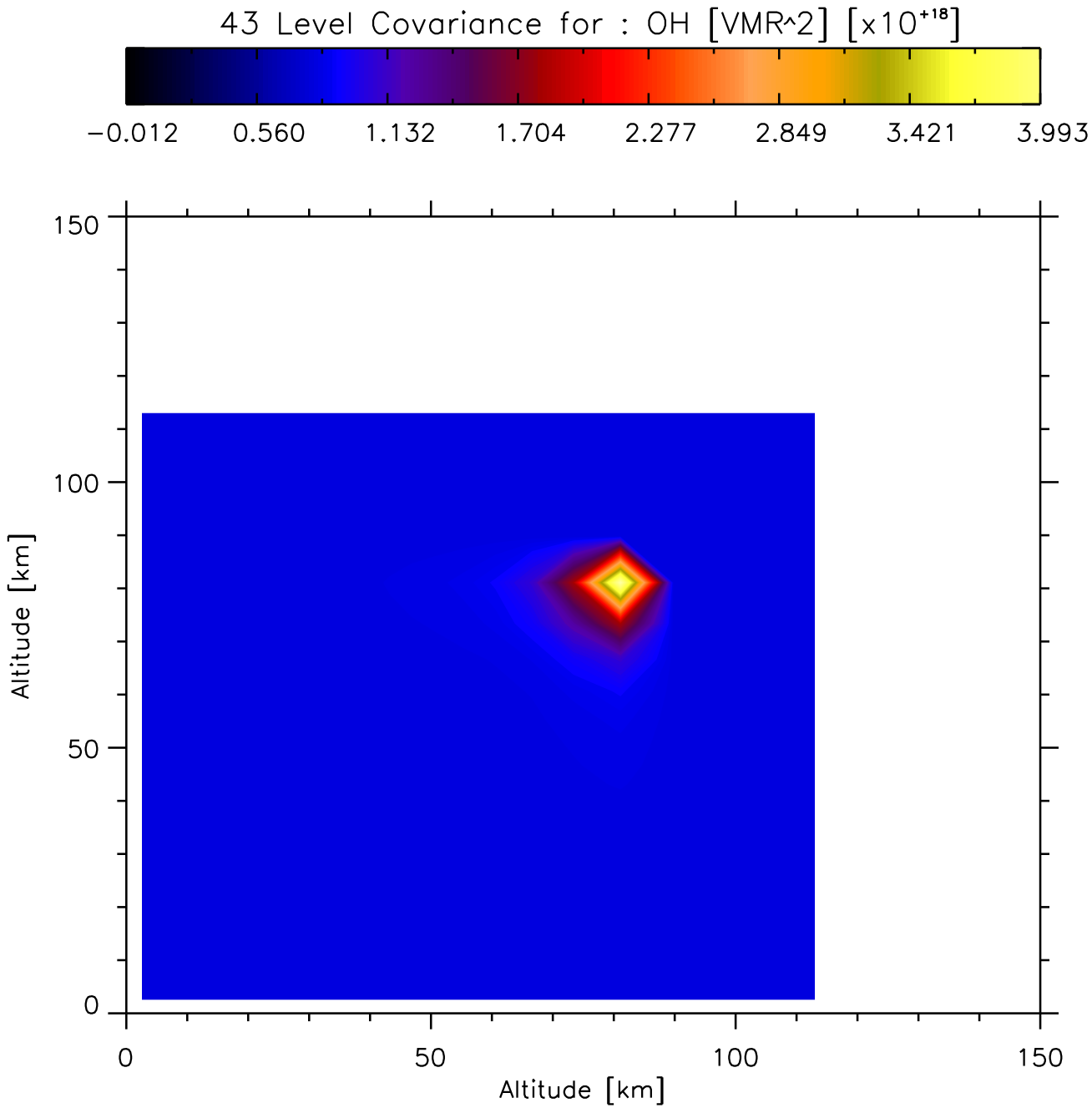
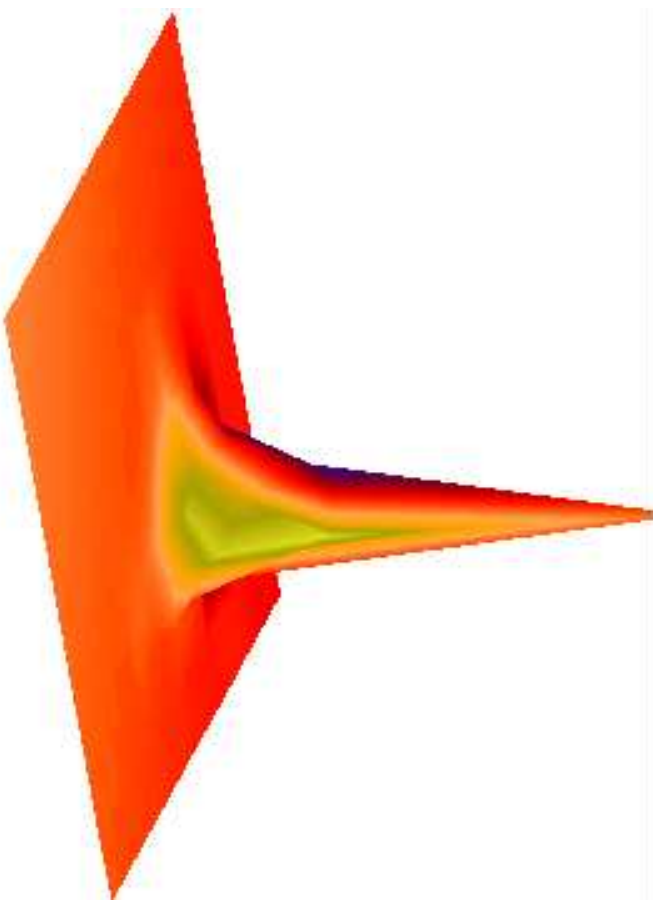

Initial & Interpolated profiles by month for : 2020
Mexico_City_UNAM 19.9N 260.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
Altitude
120
100
80
60
40
20
0
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
10^{-6}
Mixing Ratio


Station Grid
REFMOD Grid
Min, Max, Mean of : 492 profiles.
120
100
80
60
40
20
0
Altitude
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
10^{-6}
Mixing Ratio


Std. Deviation
Percent Deviation
Station Grid
REFMOD Grid
Altitude
Altitude
120
100
80
60
40
20
0
10^{-14} 10^{-13} 10^{-12} 10^{-11} 10^{-10} 10^{-9}
SD
0 10 20 30 40 50 60
%


44 Layer Covariance for : OH [VMR^2] [x10^+19]
−0.086
1.238
2.562
3.886
5.210
6.534
7.858
9.182
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


44 Layer Covariance for : OH [VMR^2] [x10^19]
10
8
6
4
2
0
-2
150
100
50
0
Y Altitude
0
50
100
150
X Altitude


43 Level Covariance for : OH [VMR^2] [x10^+18]
−0.012
0.560
1.132
1.704
2.277
2.849
3.421
3.993
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]