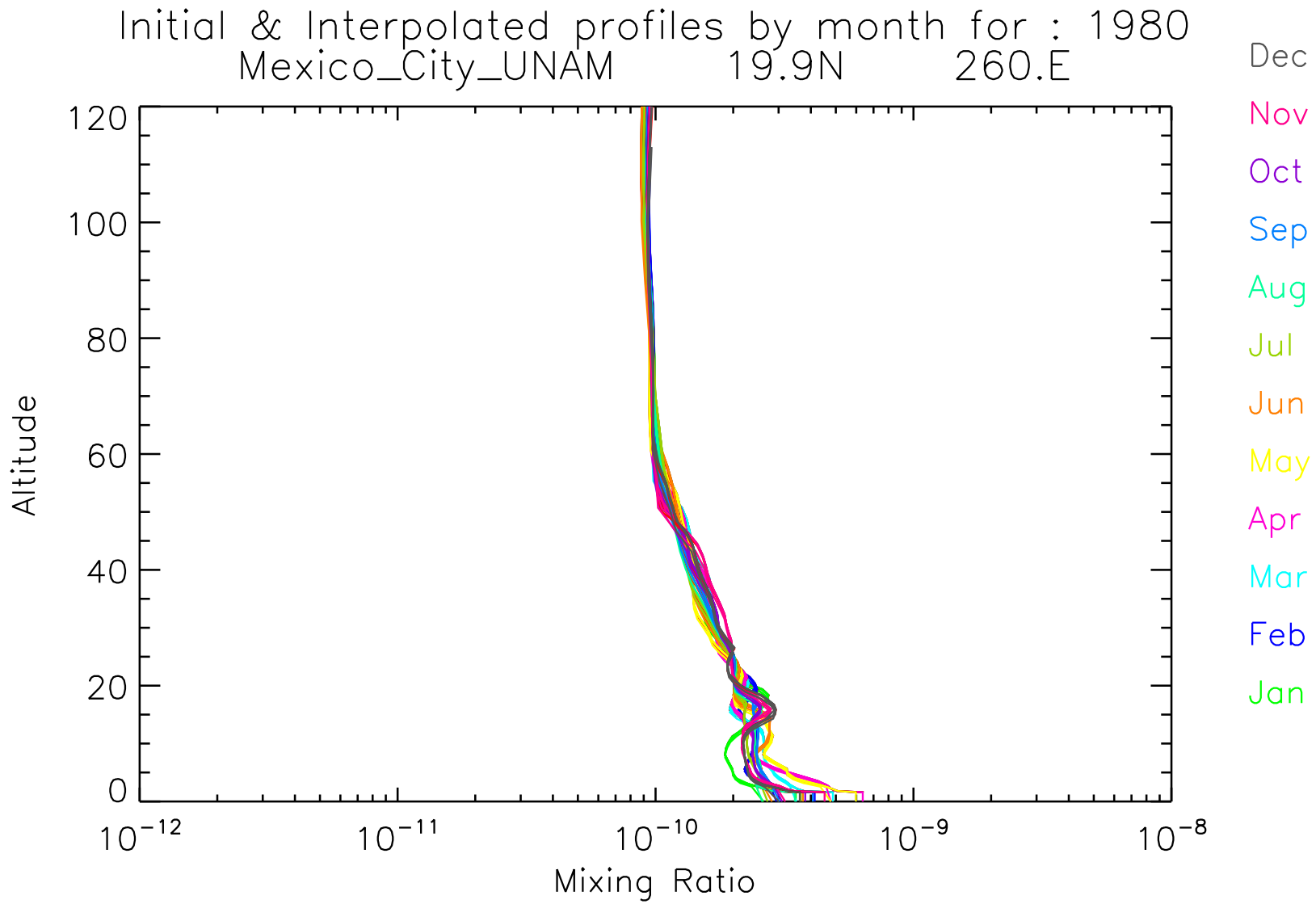
Initial & Interpolated profiles by month for : 1980
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Altitude
120
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Mixing Ratio
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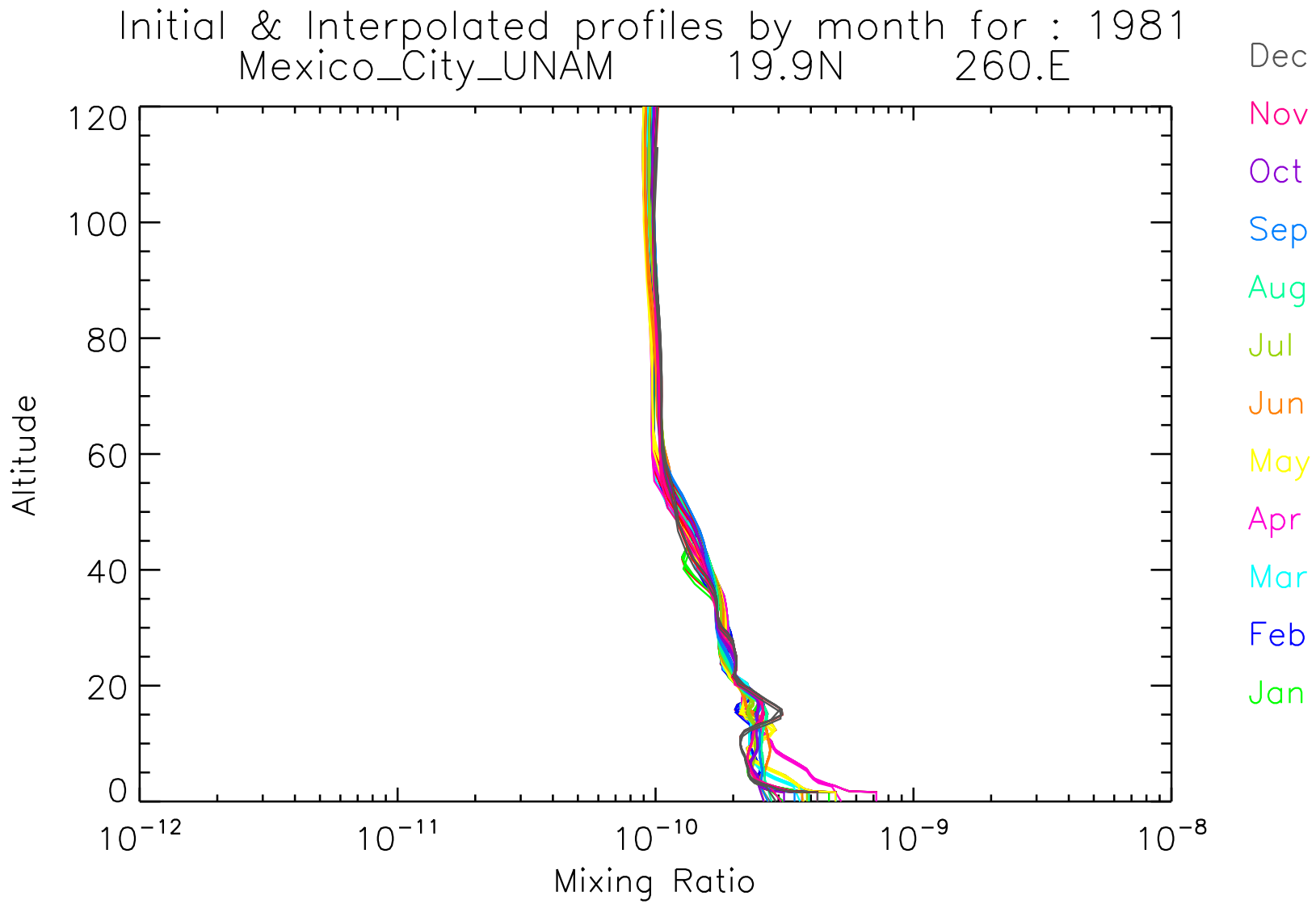
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Mexico_City_UNAM 19.9N 260.E
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Mixing Ratio
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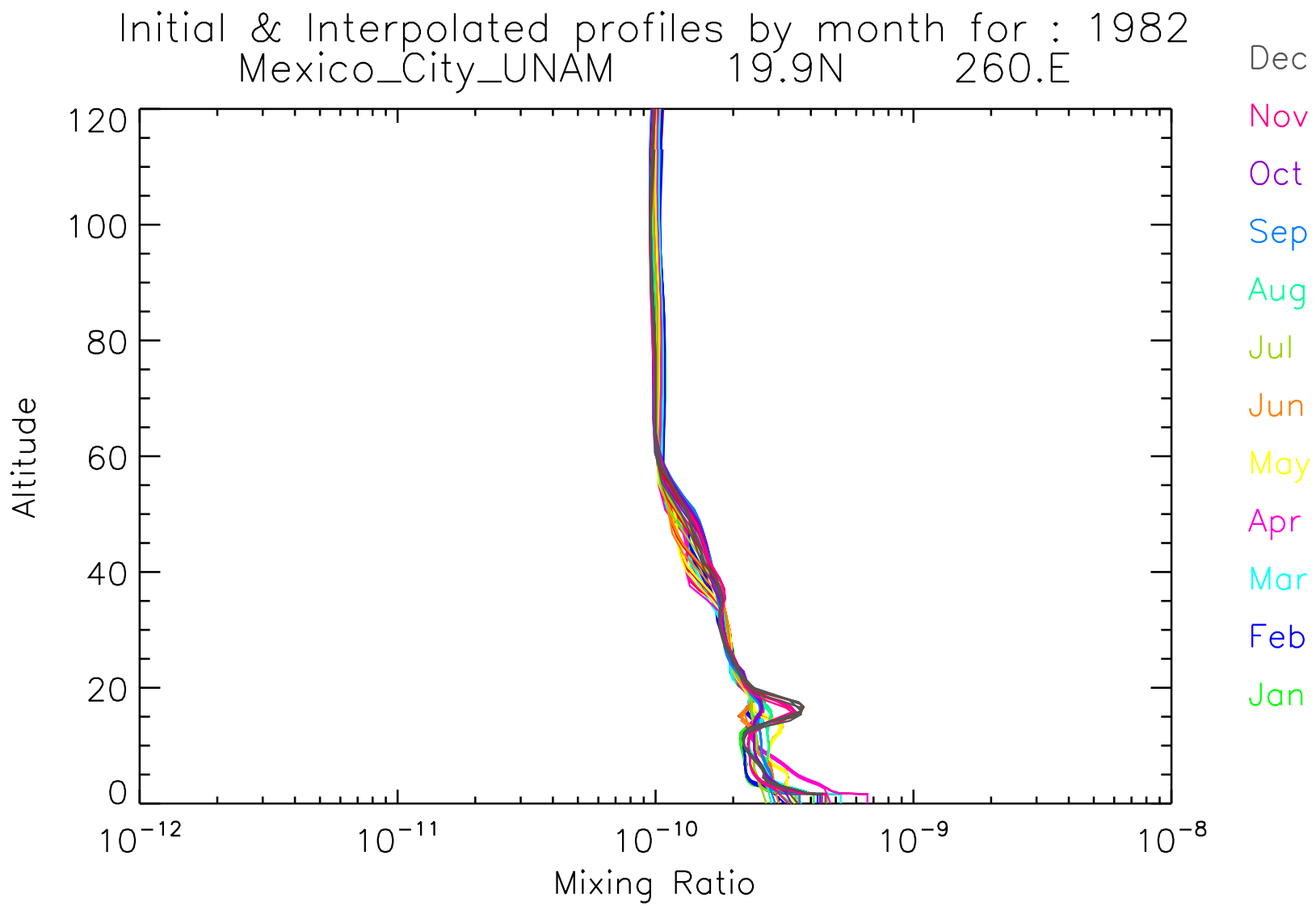
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Mixing Ratio
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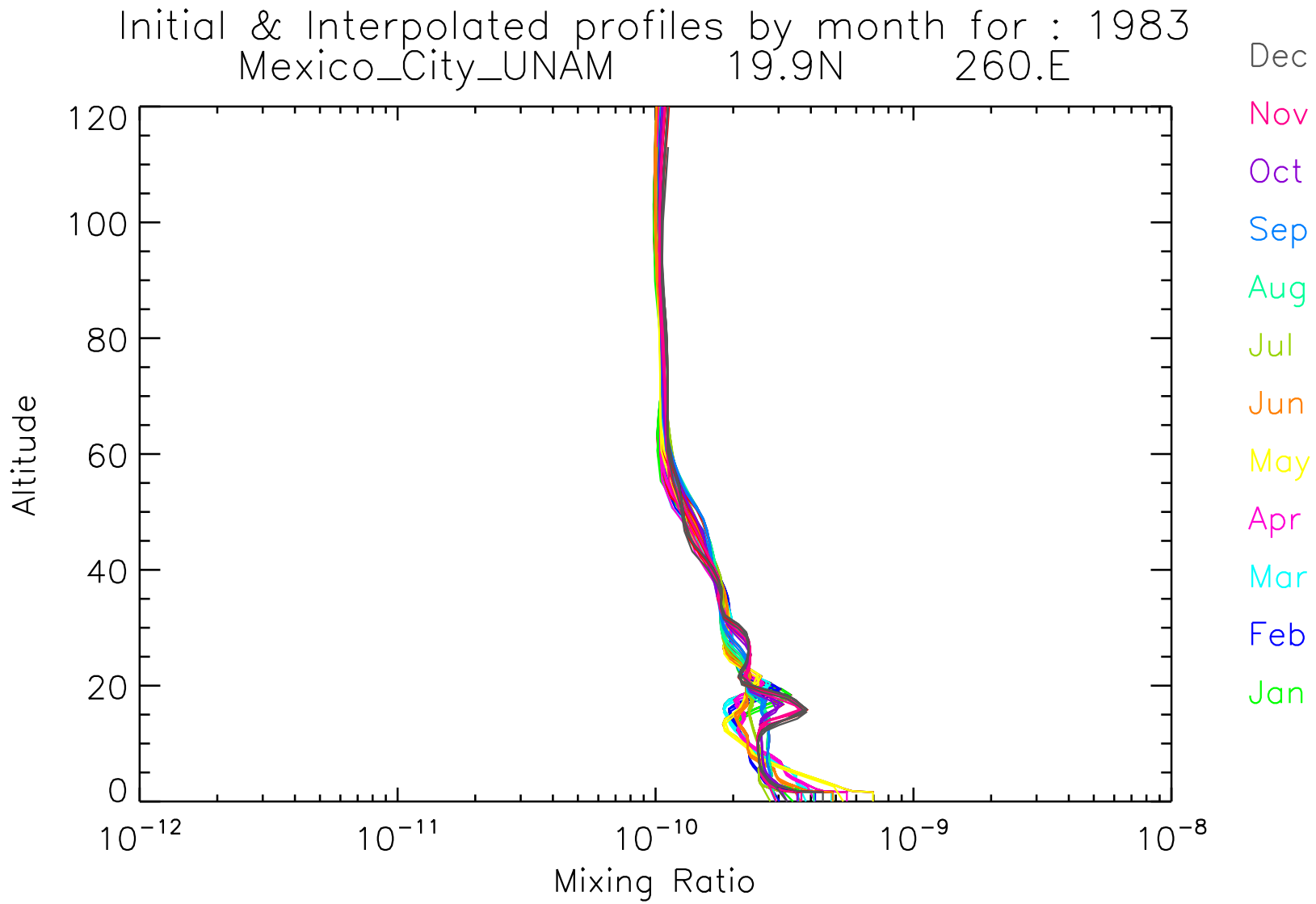
Initial & Interpolated profiles by month for : 1983
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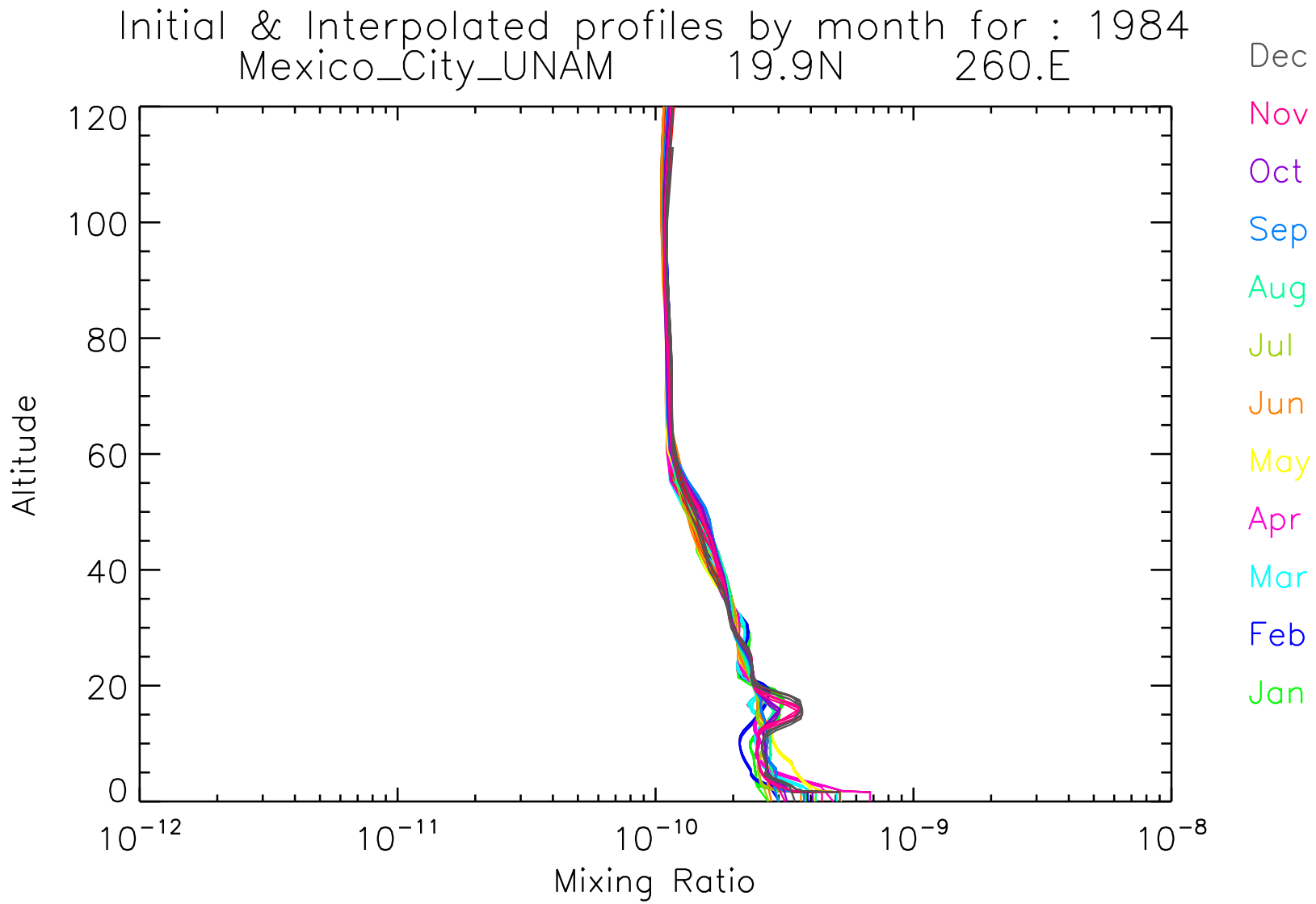
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Altitude
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Mixing Ratio
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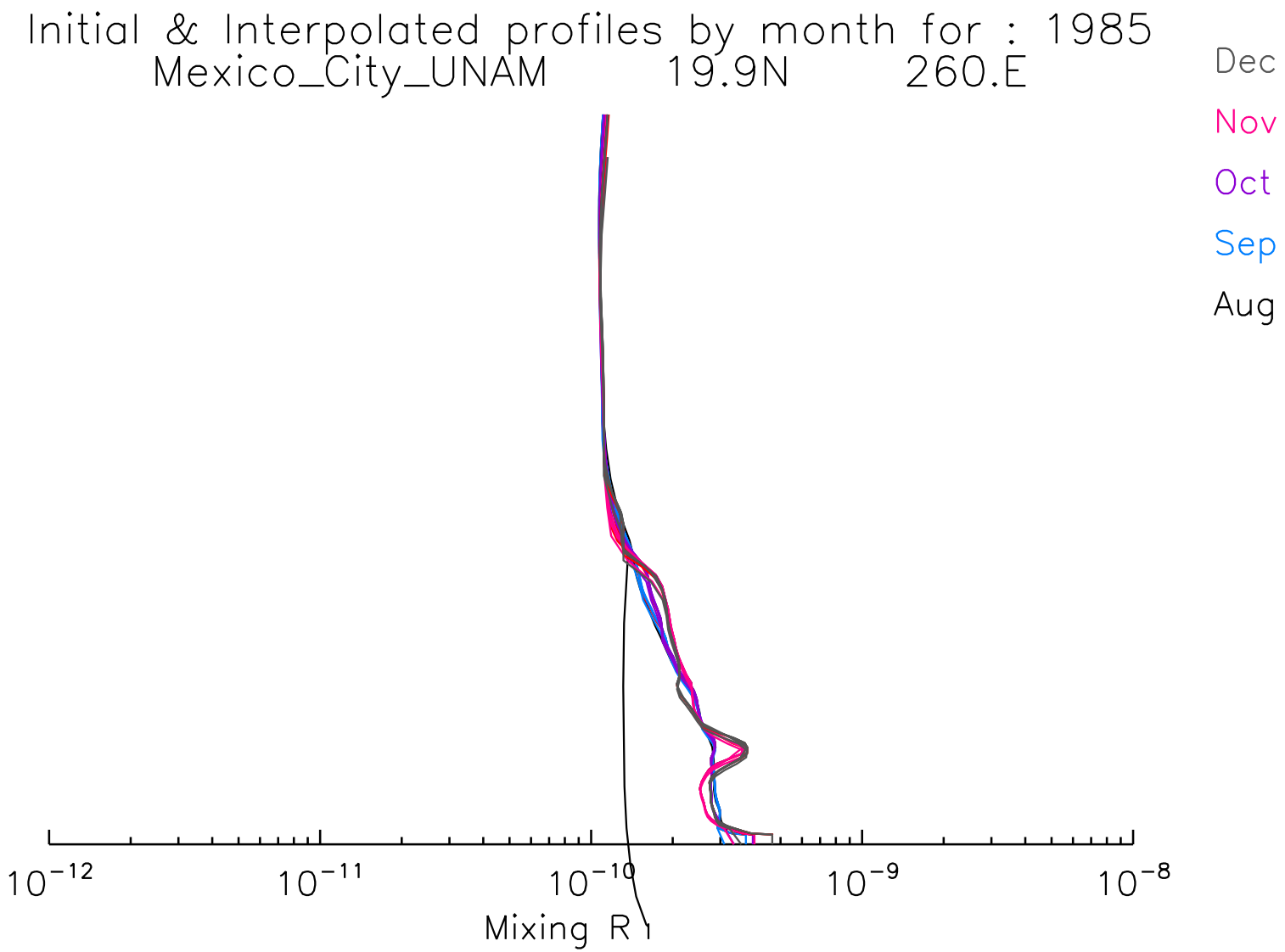
Initial & Interpolated profiles by month for : 1985
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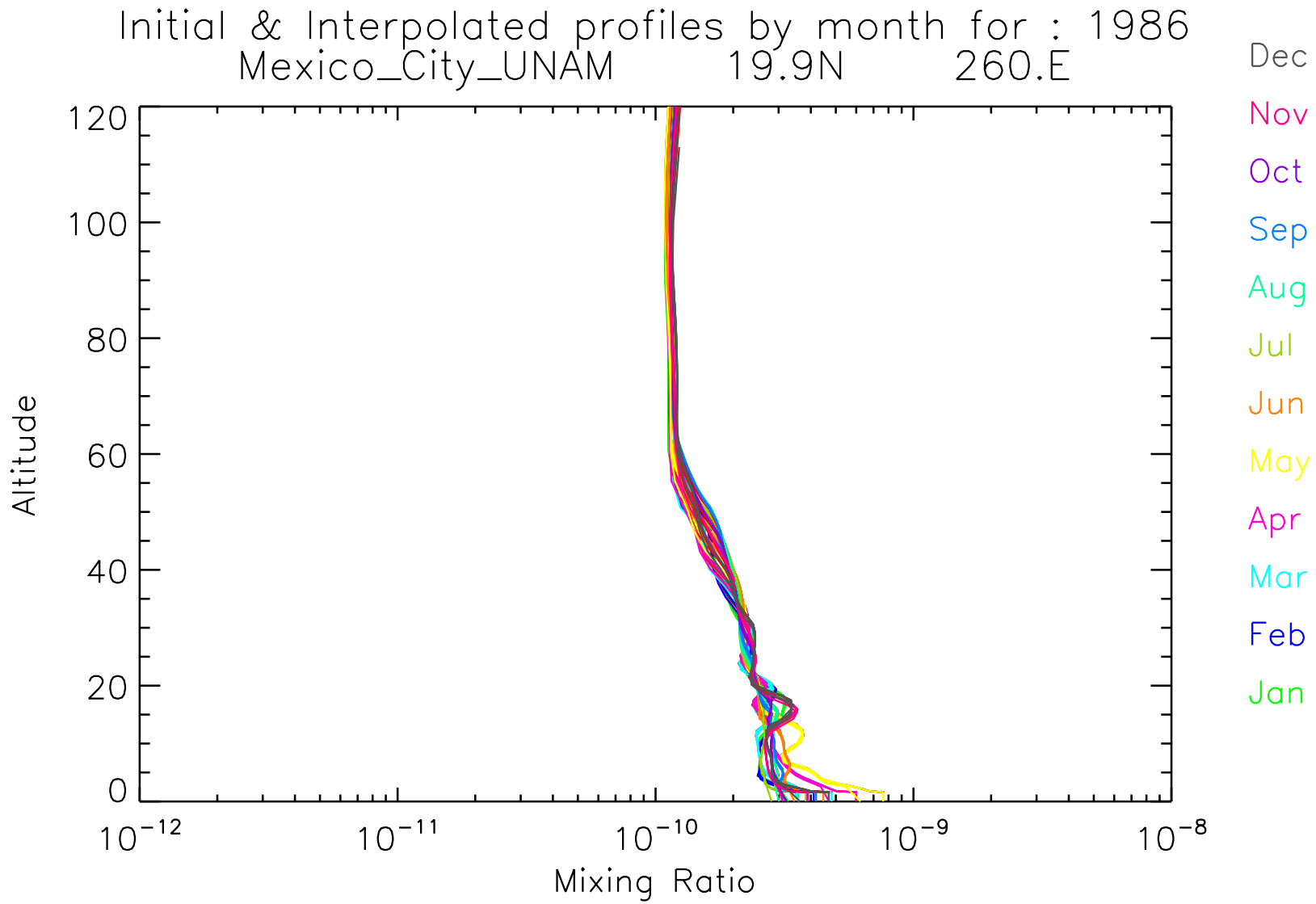
Initial & Interpolated profiles by month for : 1986
Mexico_City_UNAM 19.9N 260.E
Altitude
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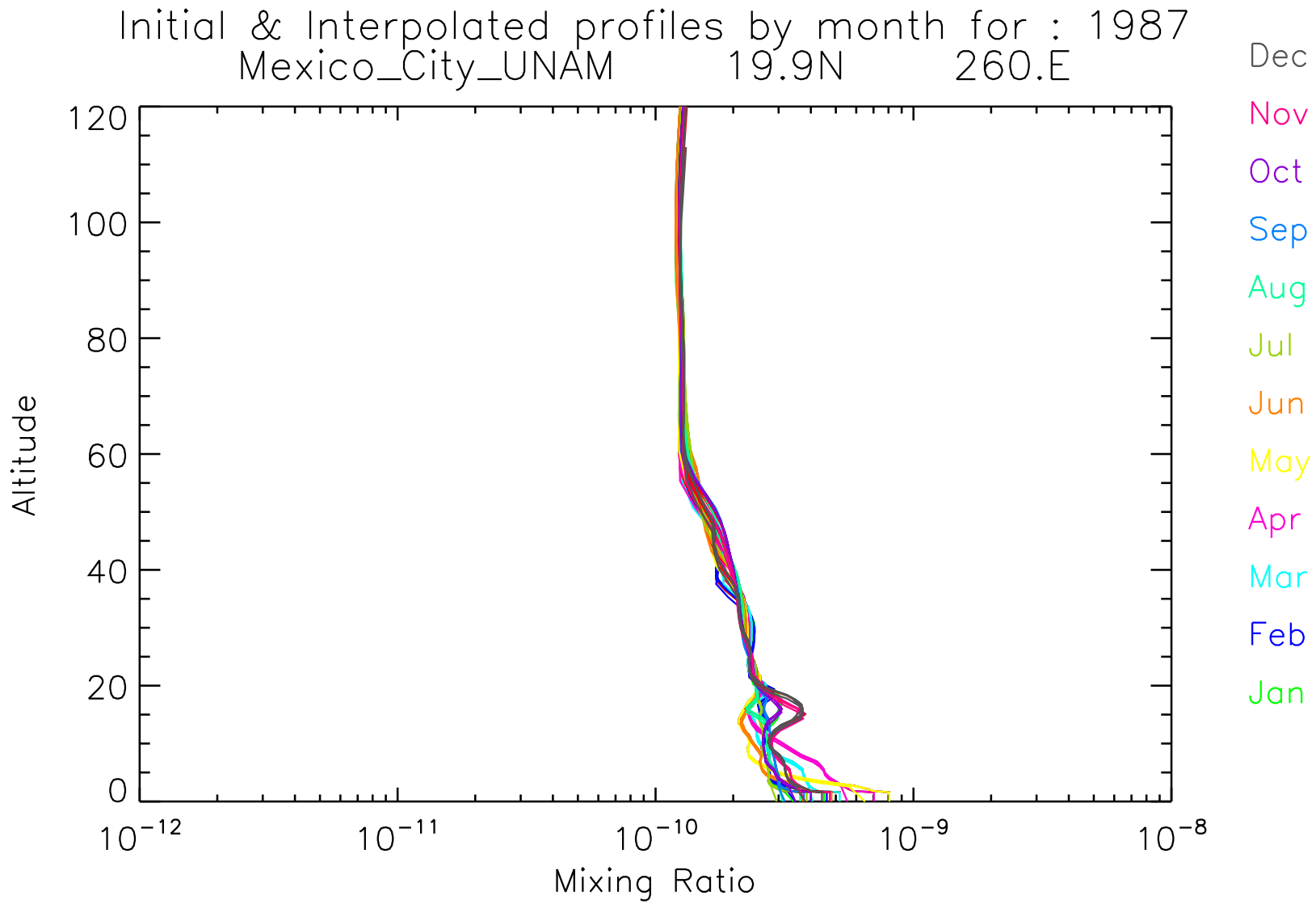
Initial & Interpolated profiles by month for : 1987
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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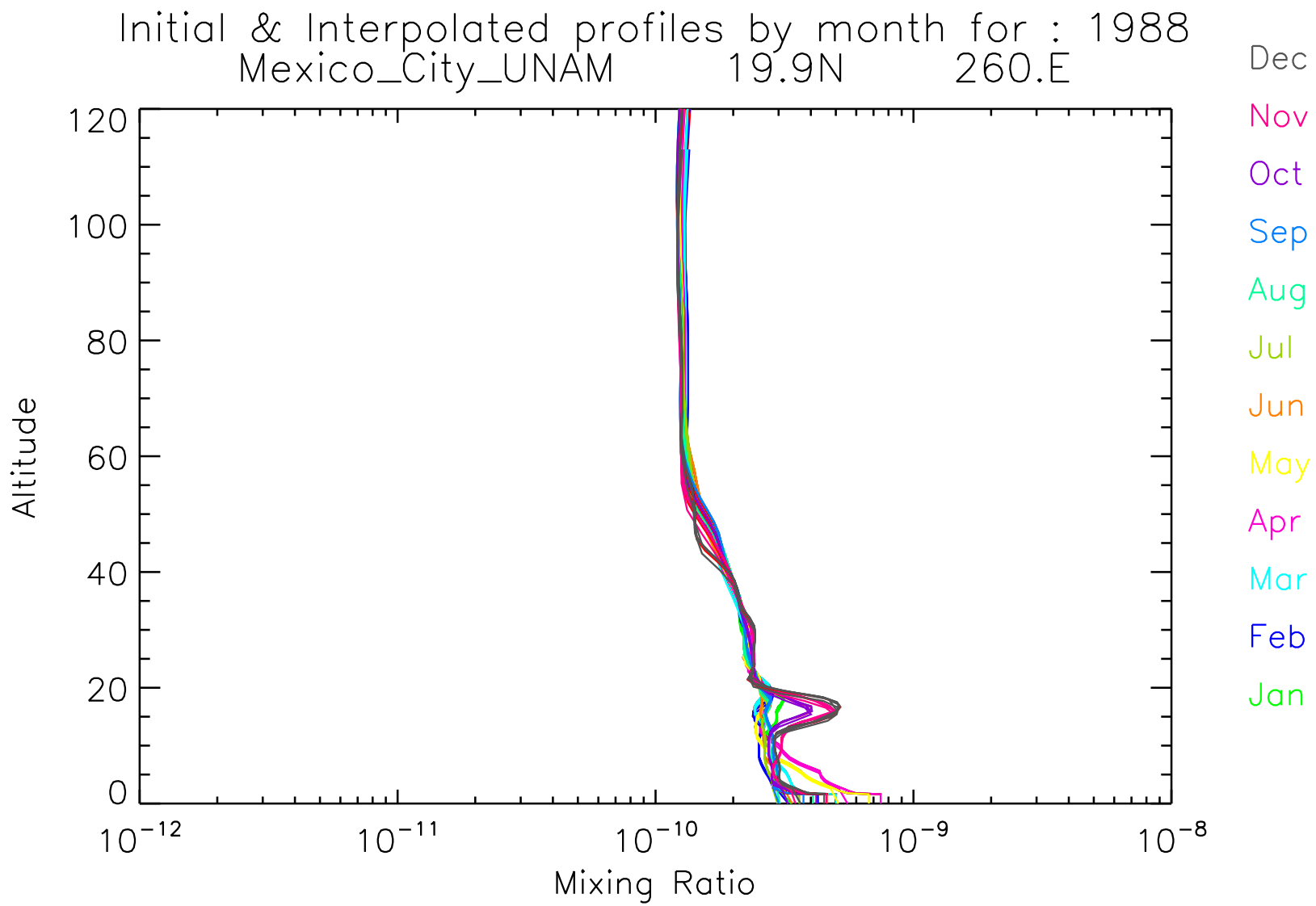
Initial & Interpolated profiles by month for : 1988
Mexico_City_UNAM 19.9N 260.E
Altitude
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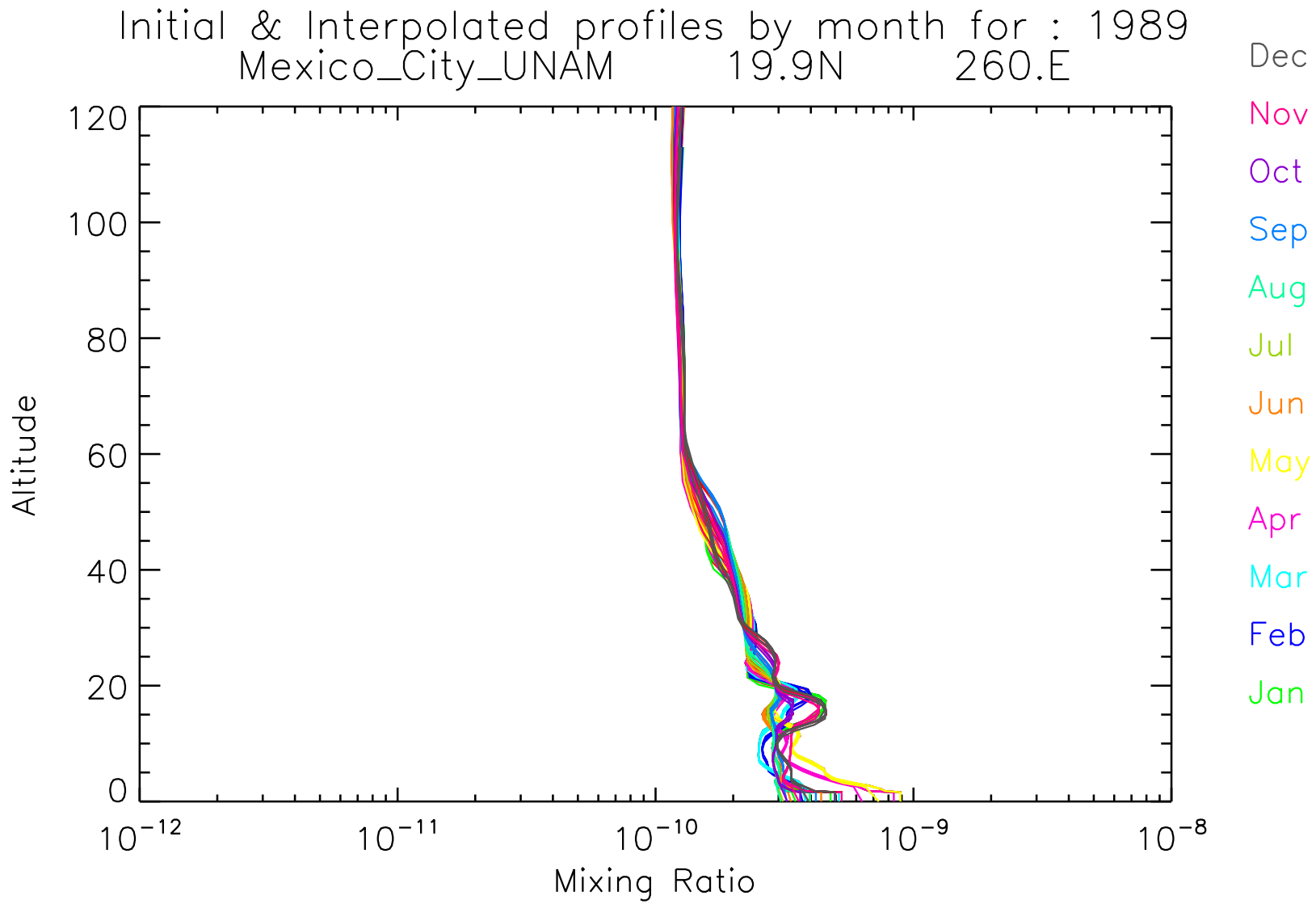
Initial & Interpolated profiles by month for : 1989
Mexico_City_UNAM 19.9N 260.E
Altitude
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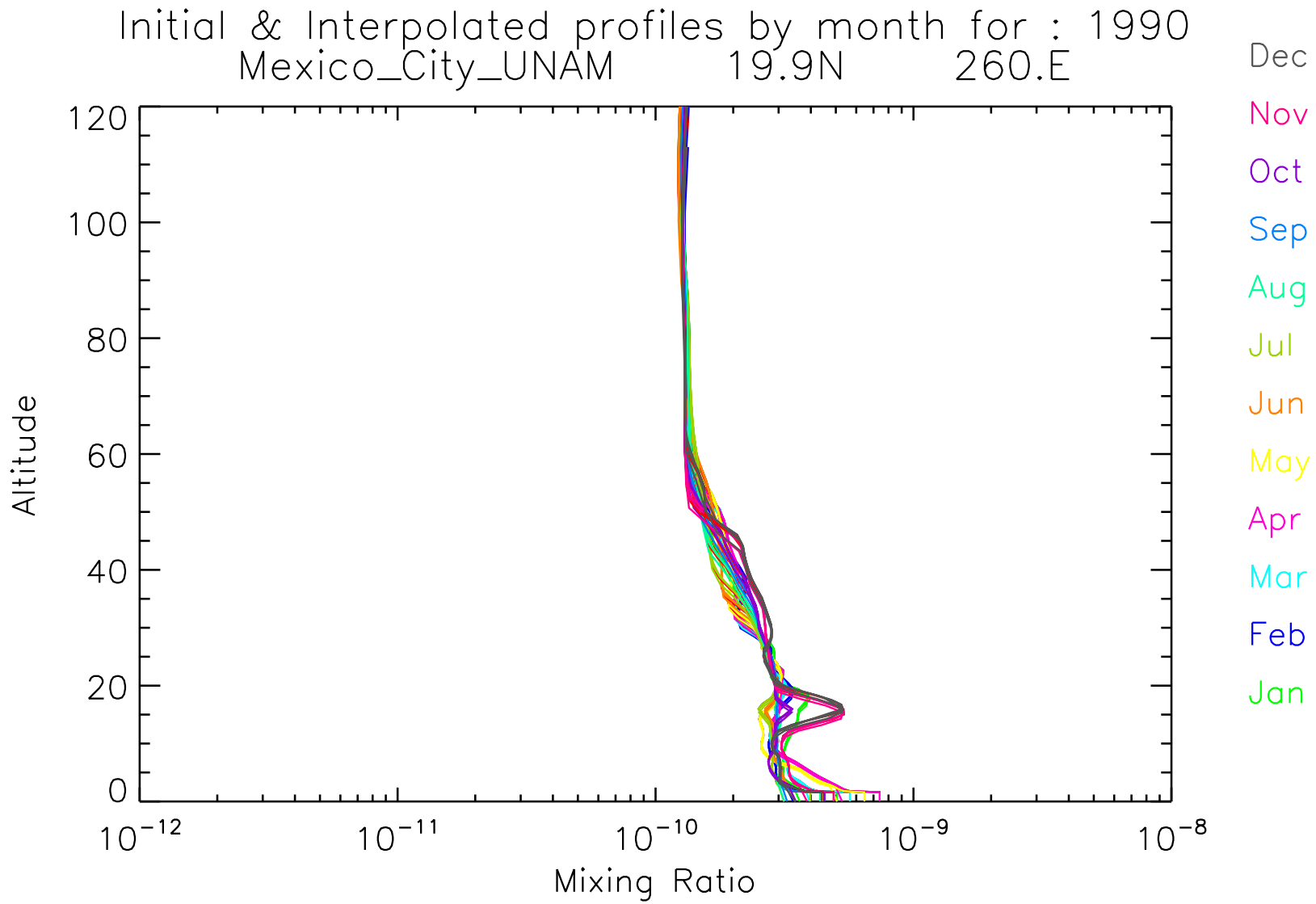
Initial & Interpolated profiles by month for : 1990
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Altitude
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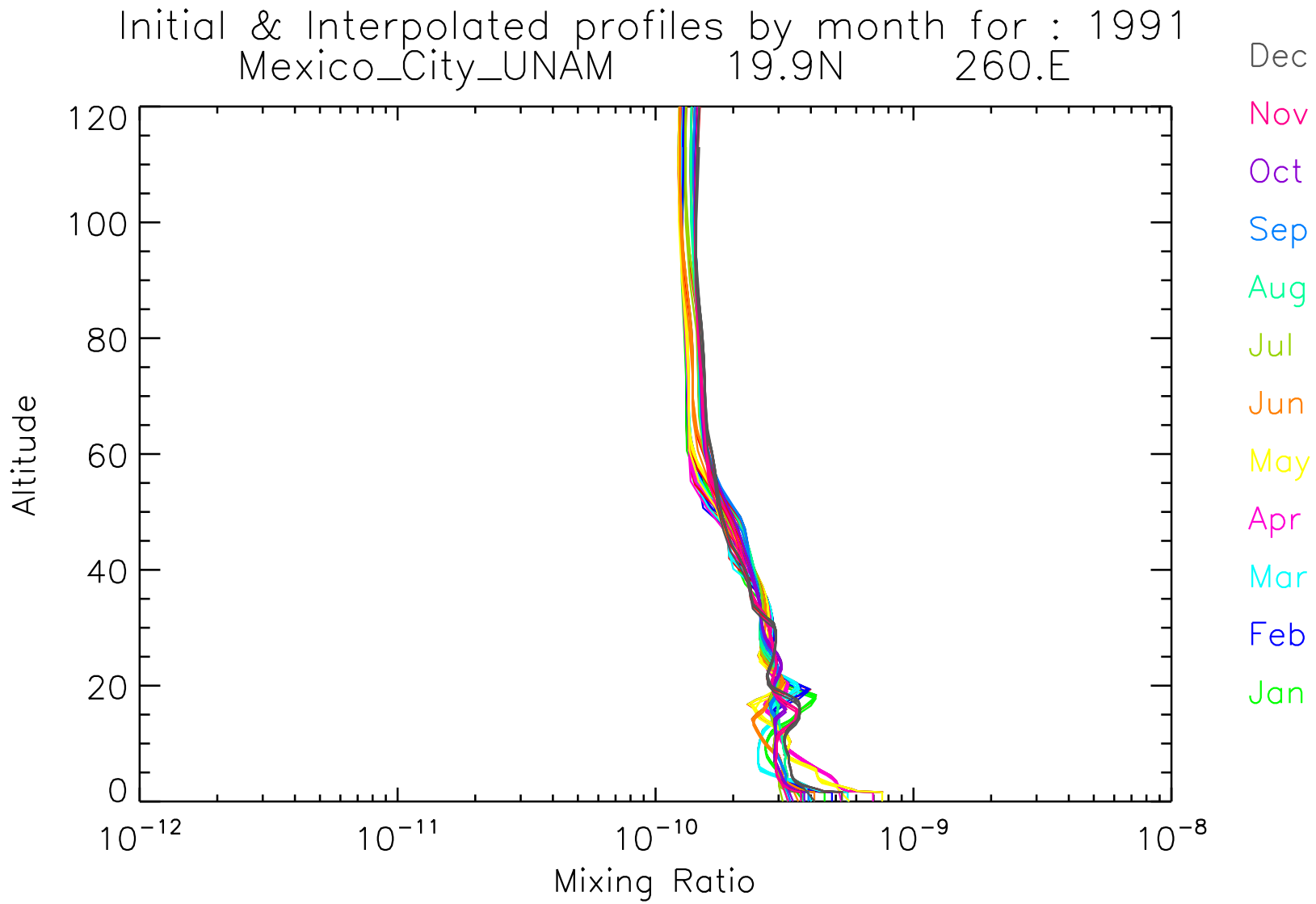
Initial & Interpolated profiles by month for : 1991
Mexico_City_UNAM 19.9N 260.E
Altitude
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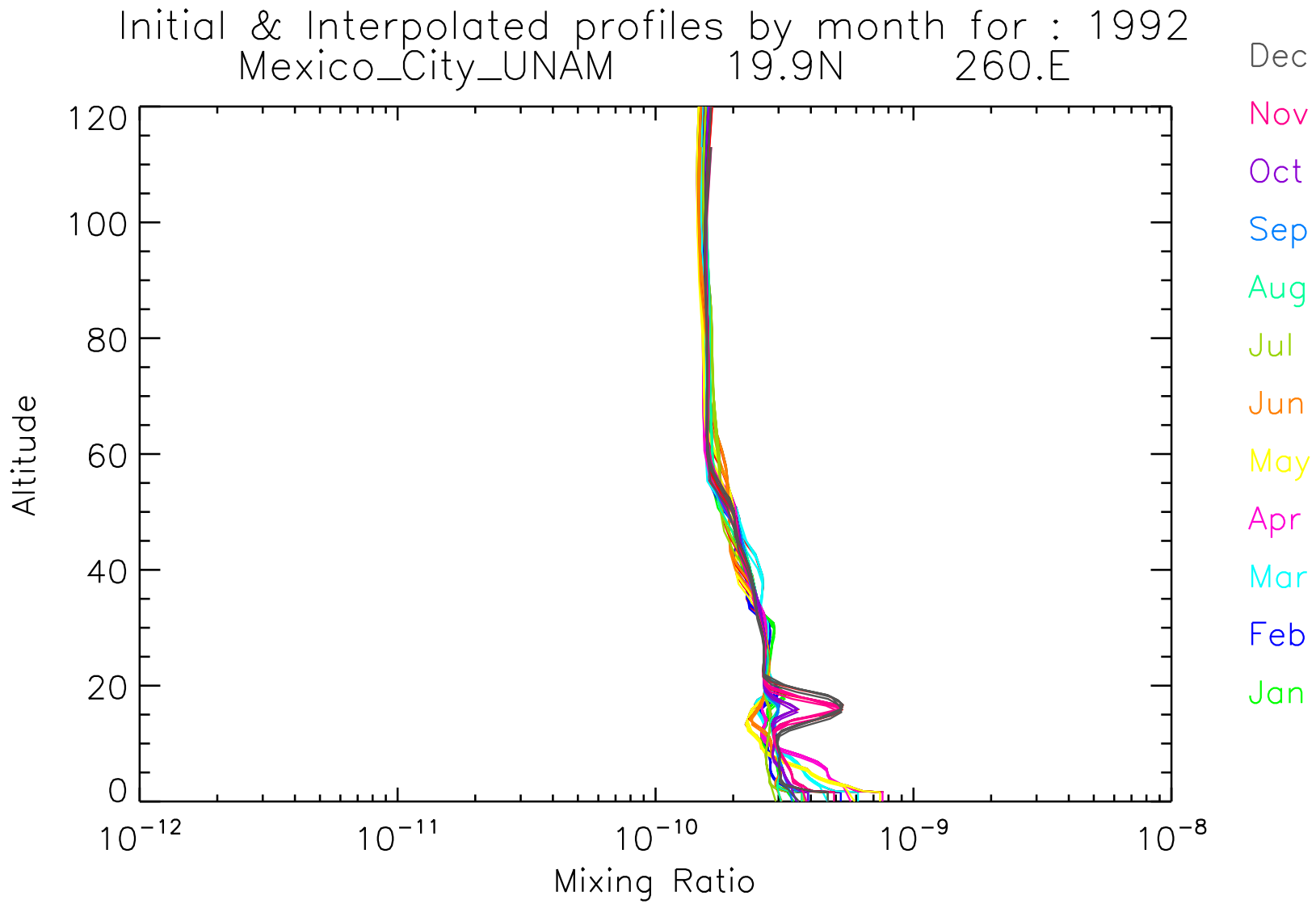
Initial & Interpolated profiles by month for : 1992
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Altitude
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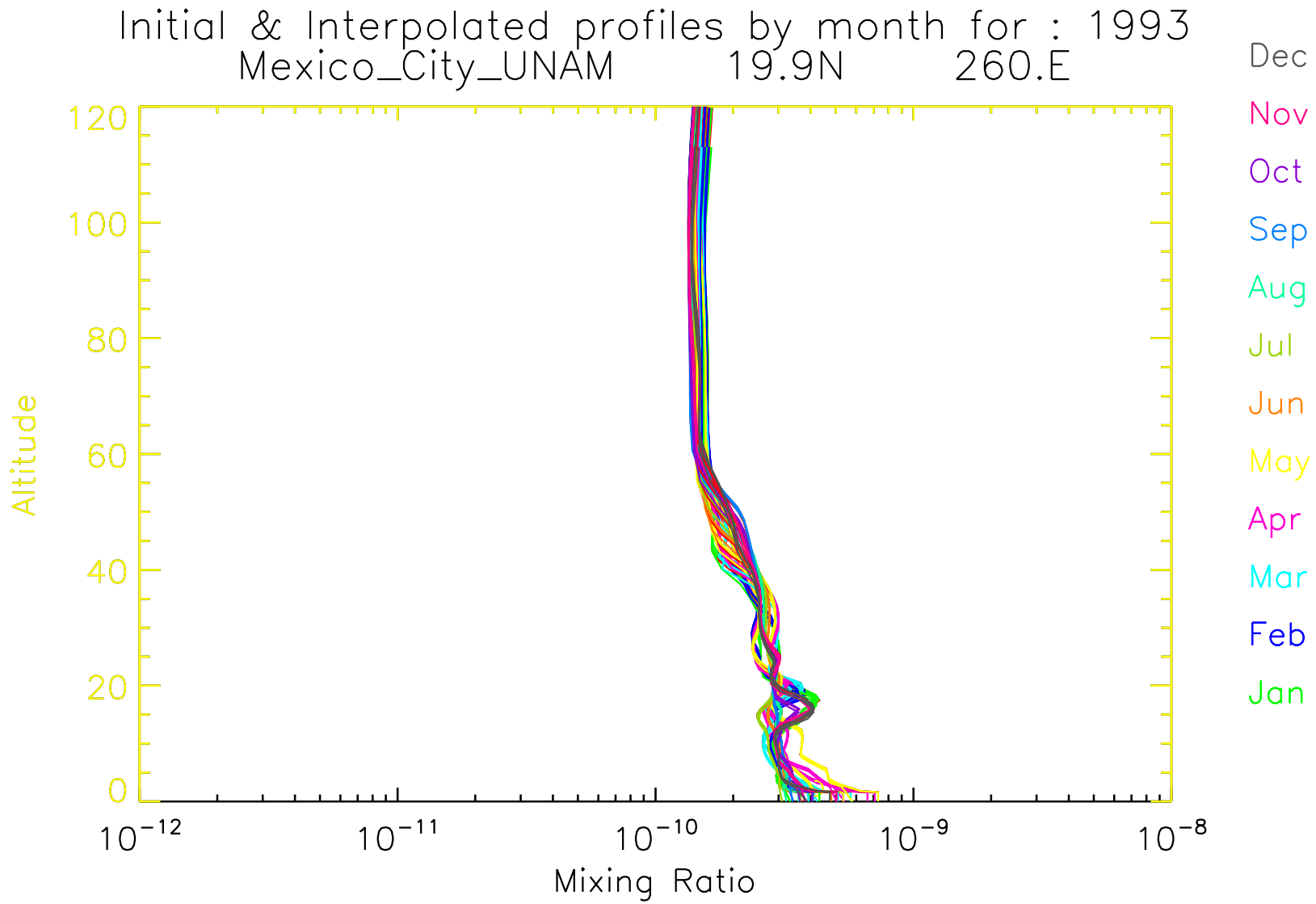
Initial & Interpolated profiles by month for : 1993
Mexico_City_UNAM 19.9N 260.E
Altitude
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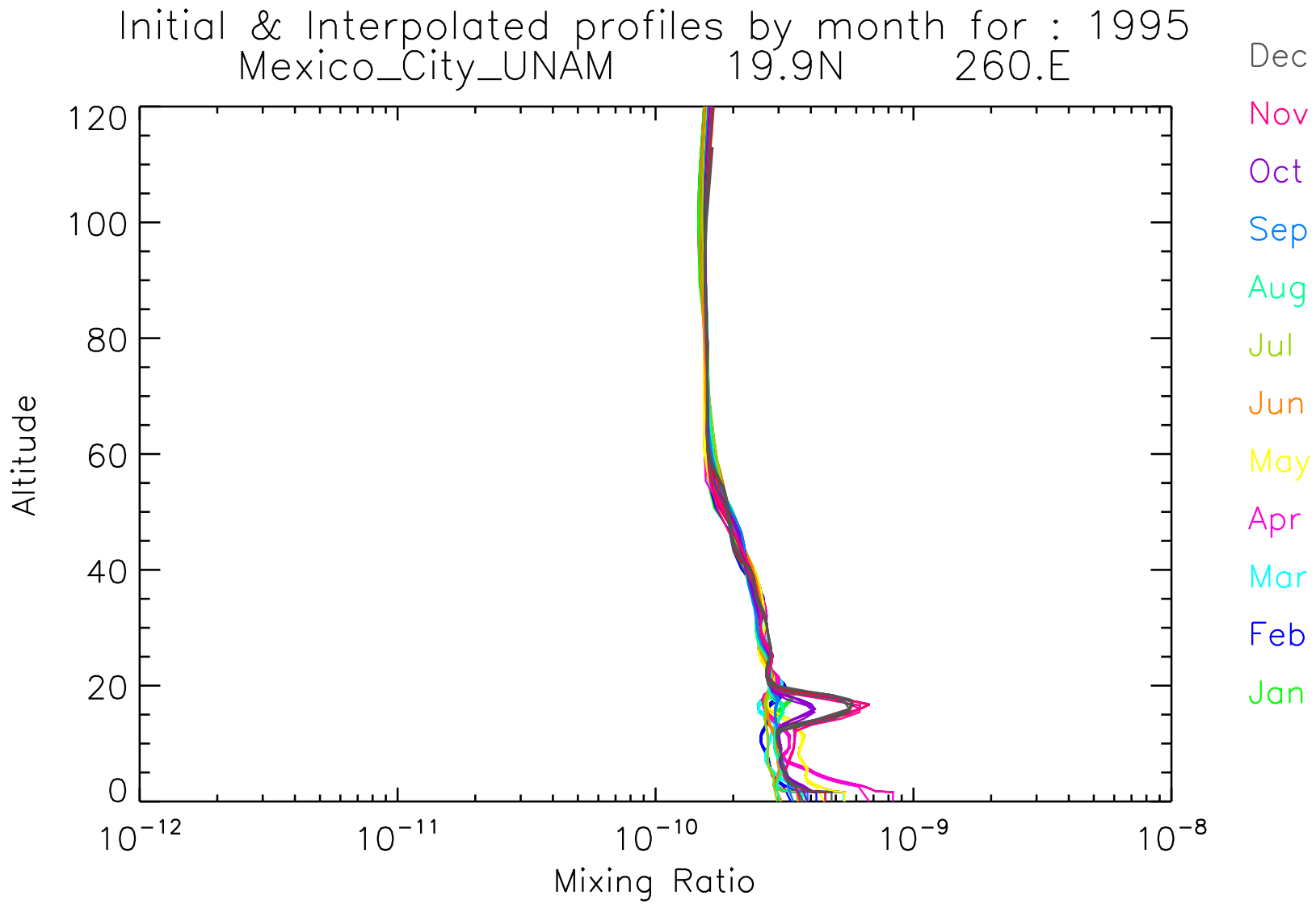
Initial & Interpolated profiles by month for : 1995
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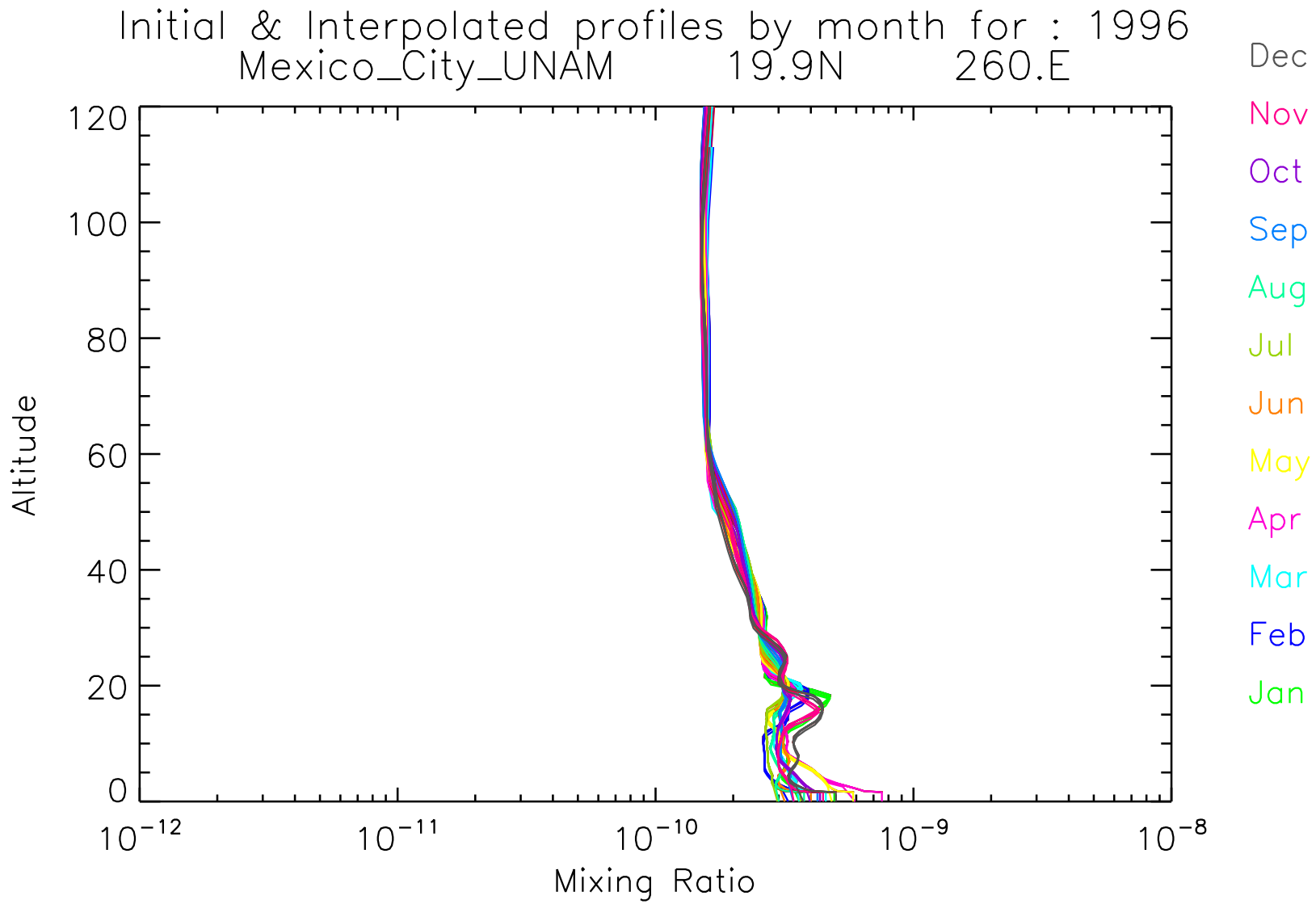
Initial & Interpolated profiles by month for : 1996
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Altitude
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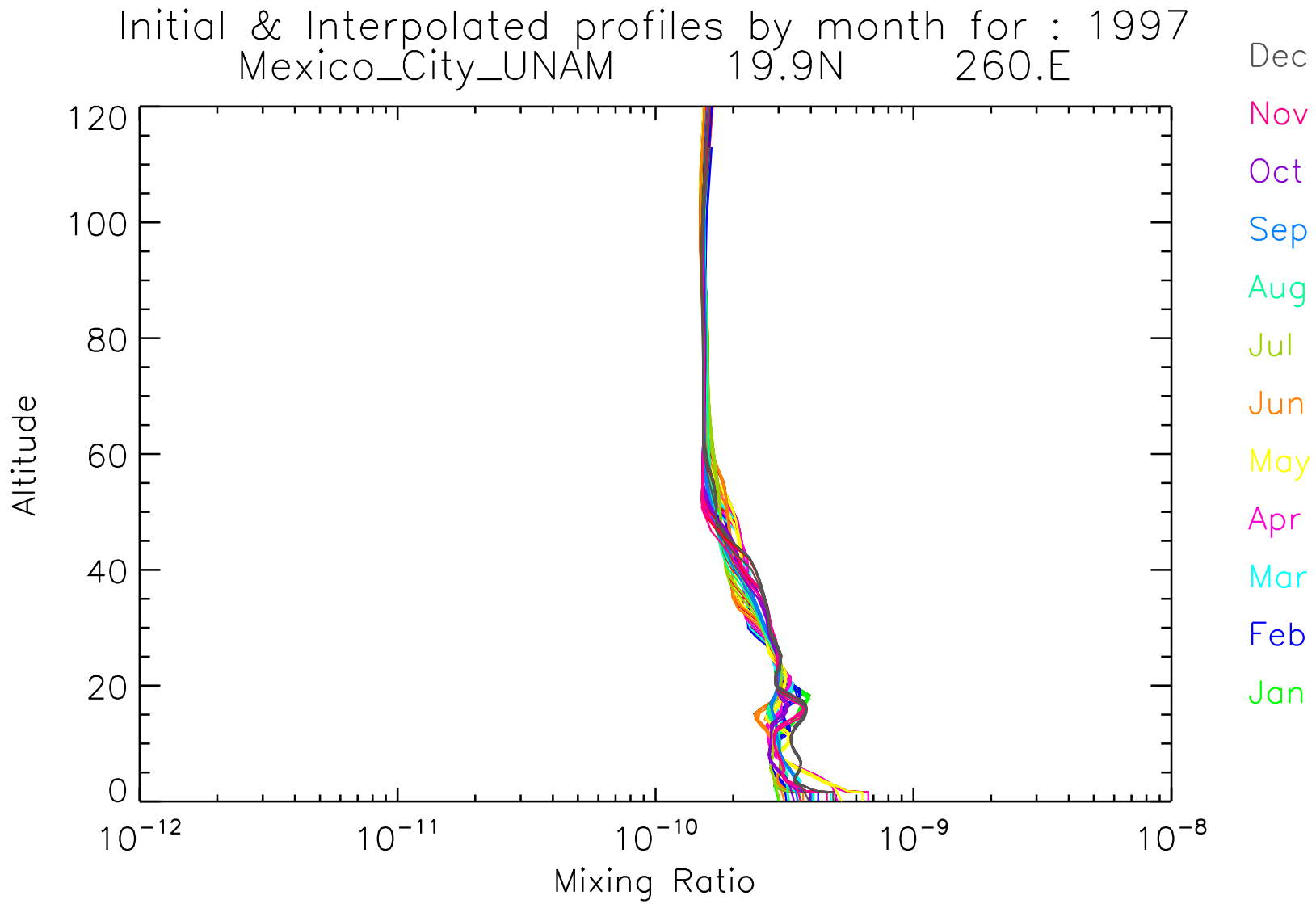
Initial & Interpolated profiles by month for : 1997
Mexico_City_UNAM 19.9N 260.E
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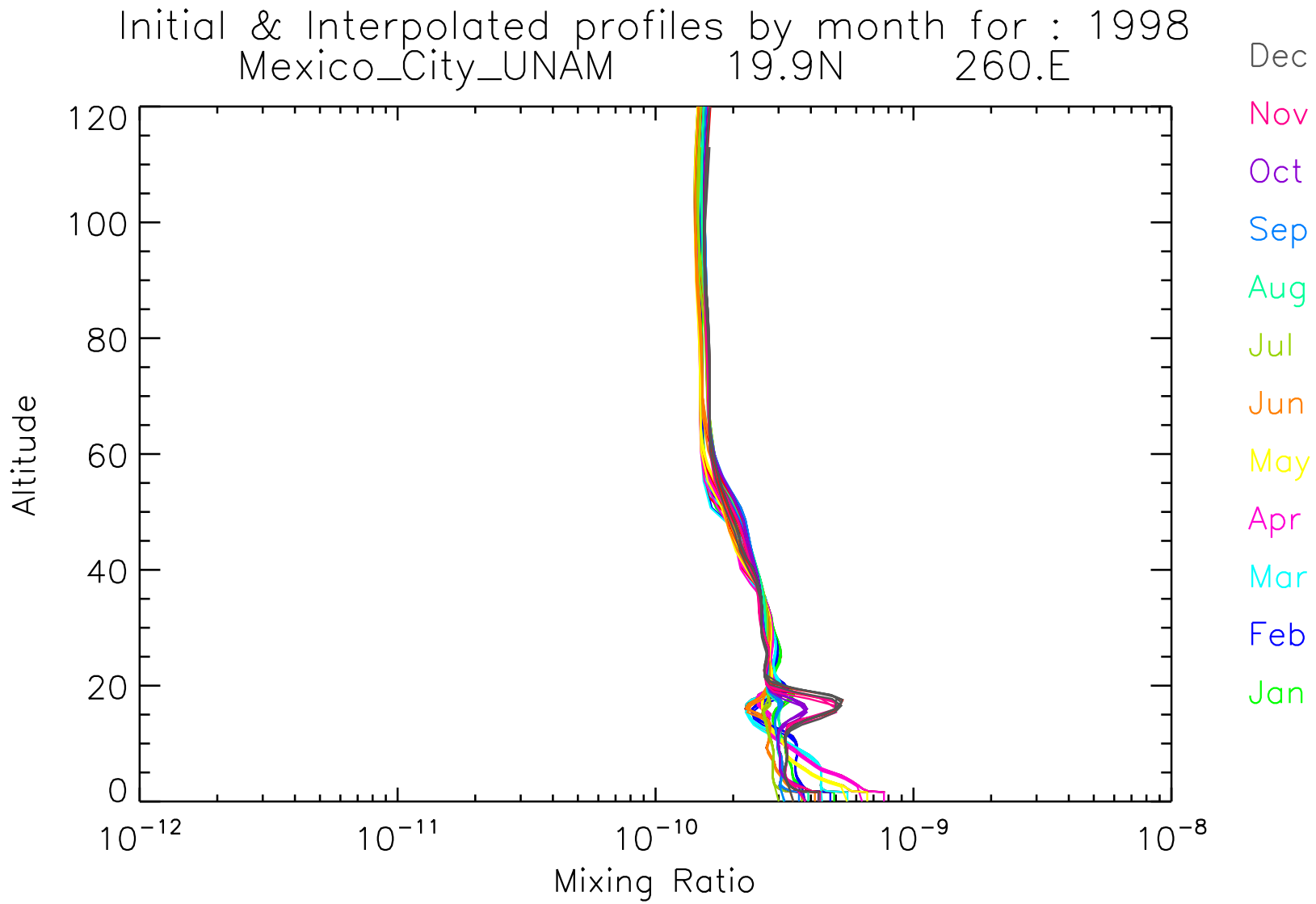
Initial & Interpolated profiles by month for : 1998
Mexico_City_UNAM 19.9N 260.E
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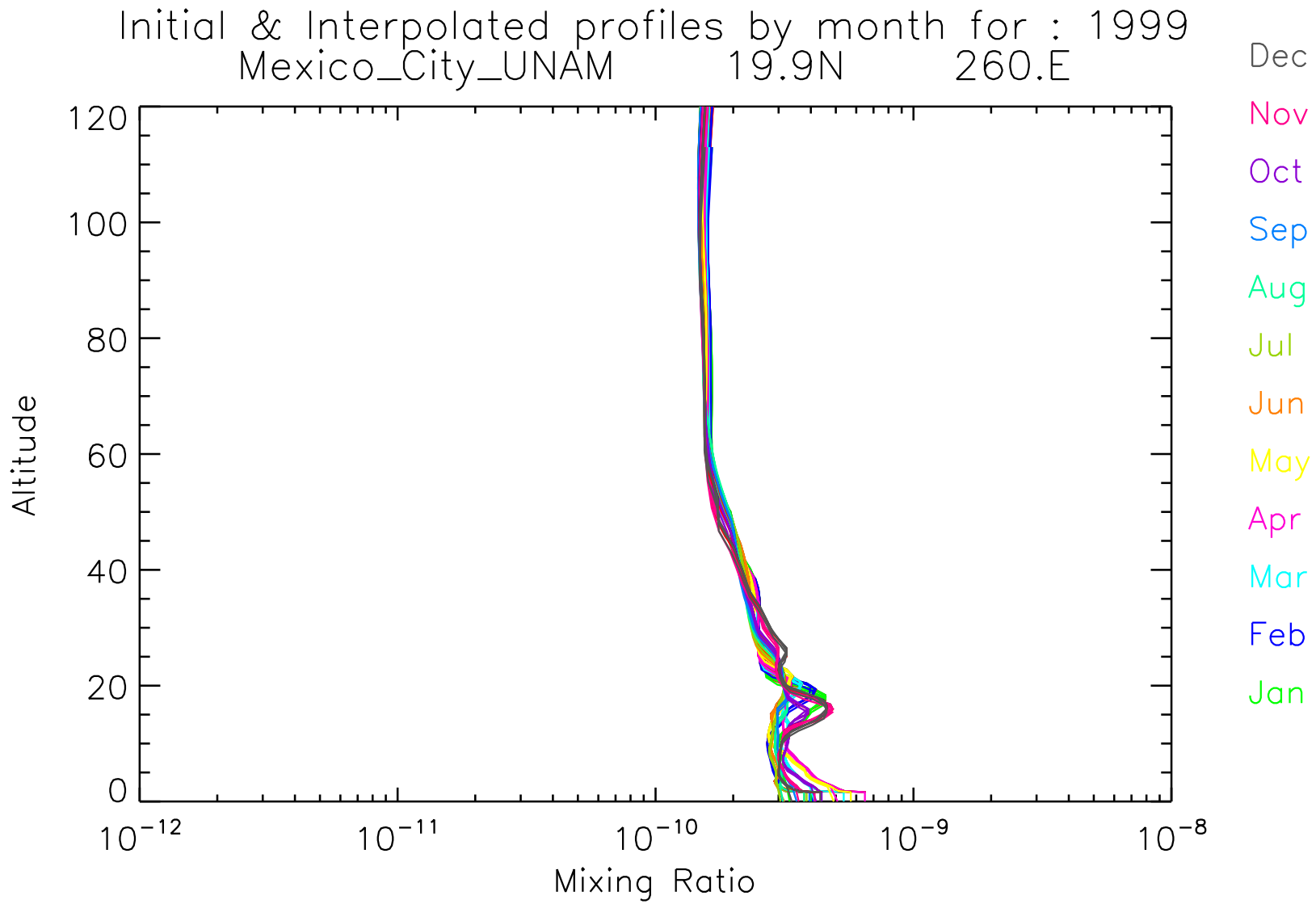
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Mixing Ratio
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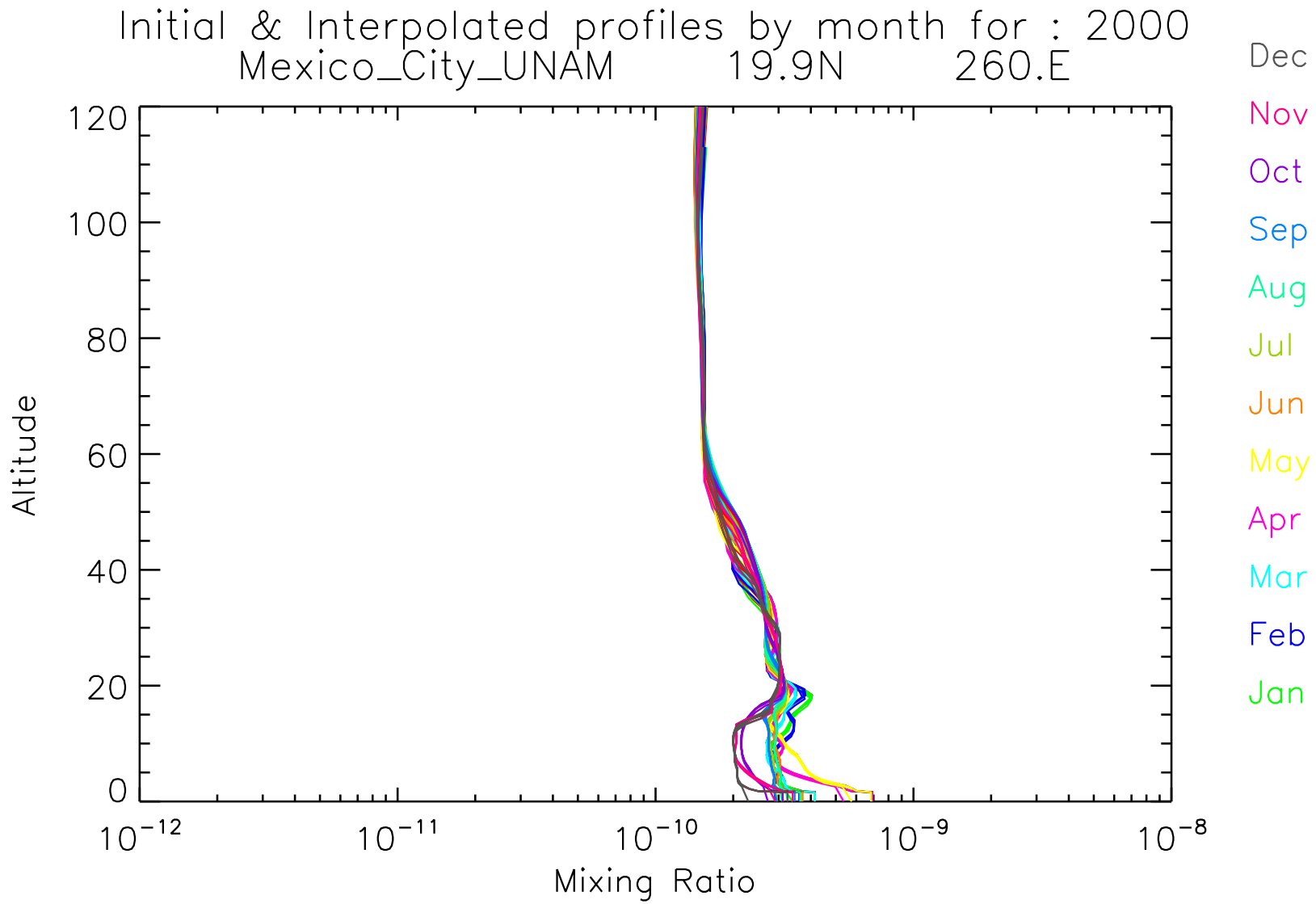
Initial & Interpolated profiles by month for : 2000
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Mixing Ratio
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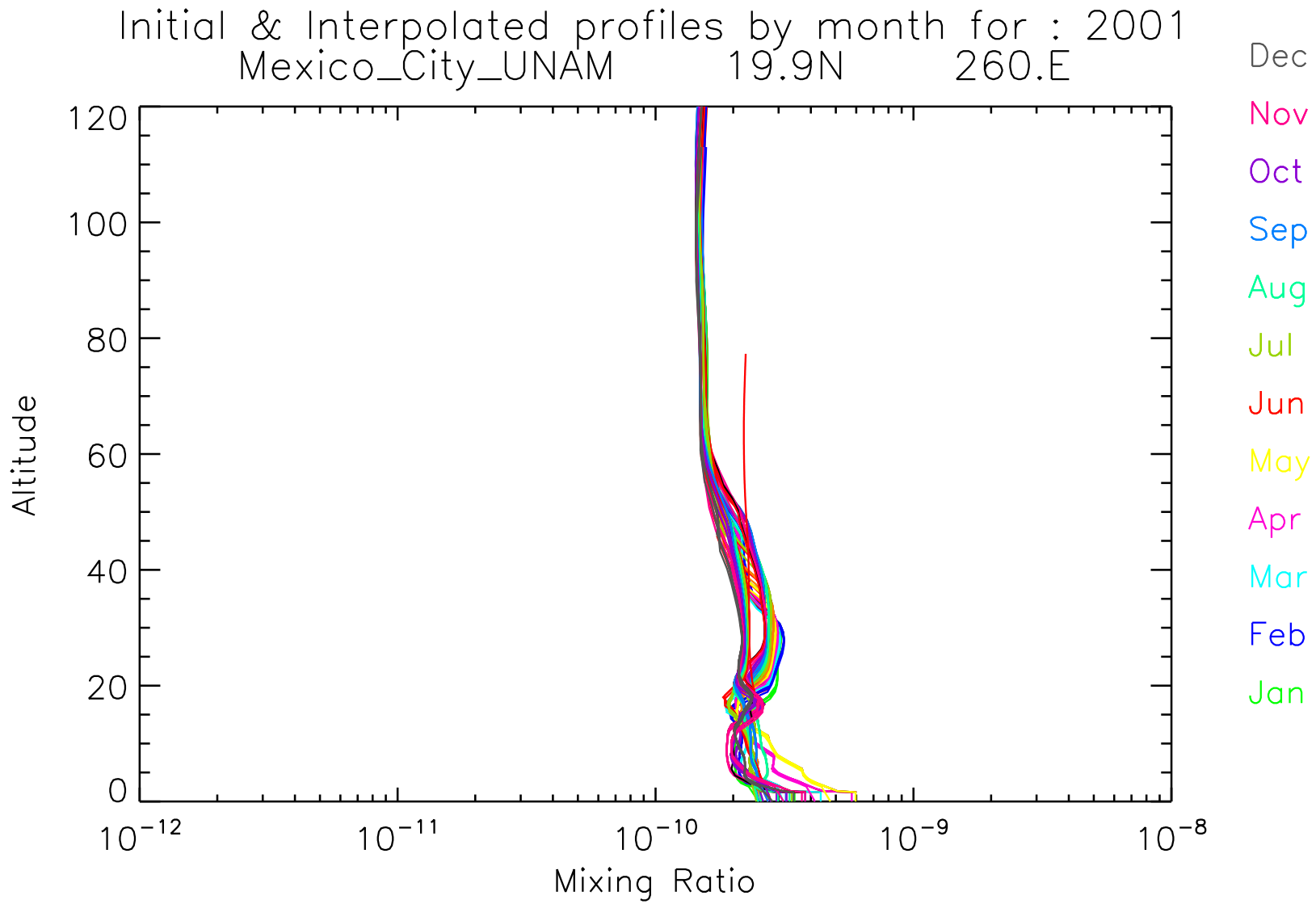
Initial & Interpolated profiles by month for : 2001
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Altitude
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Mixing Ratio
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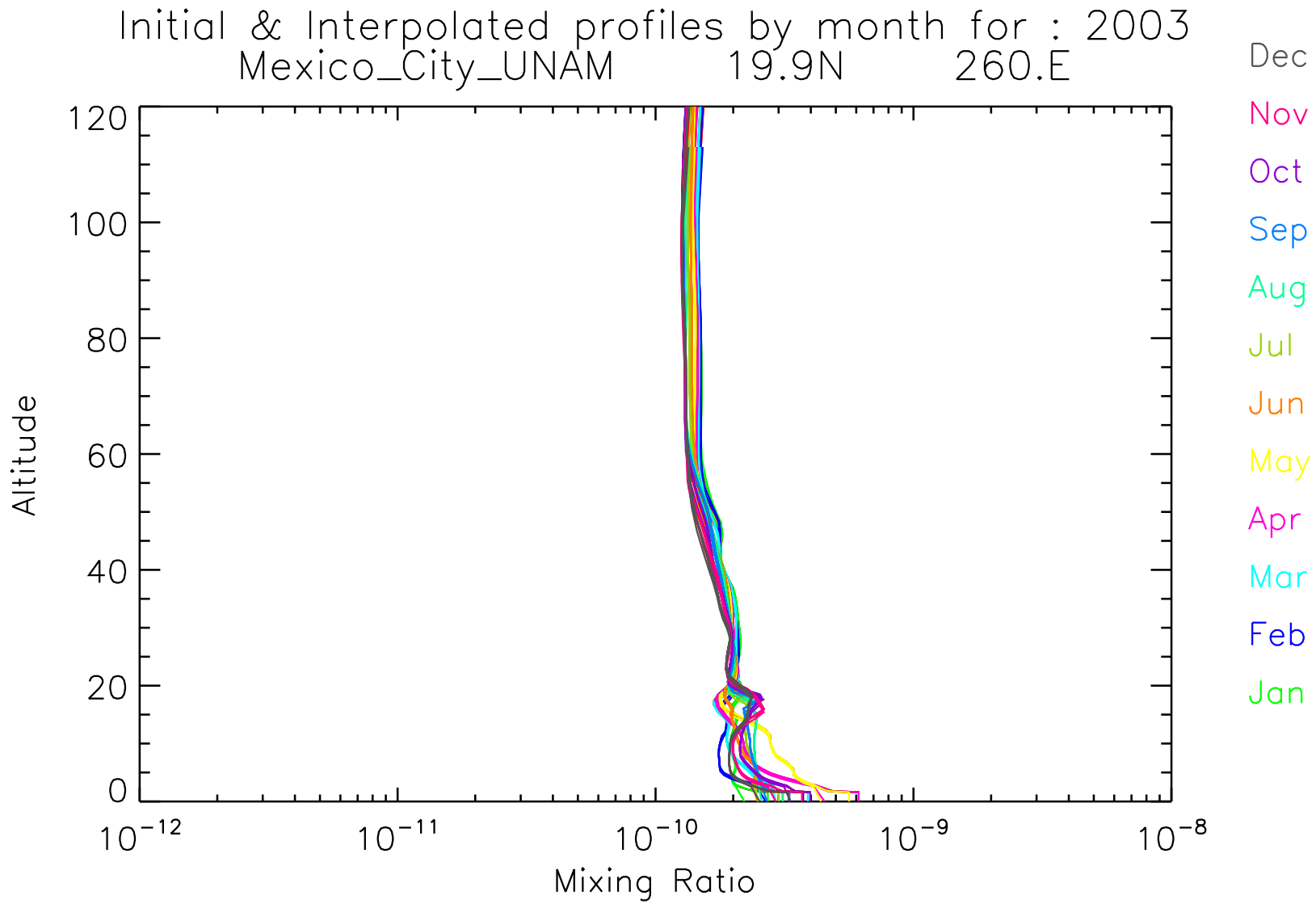
Initial & Interpolated profiles by month for : 2003
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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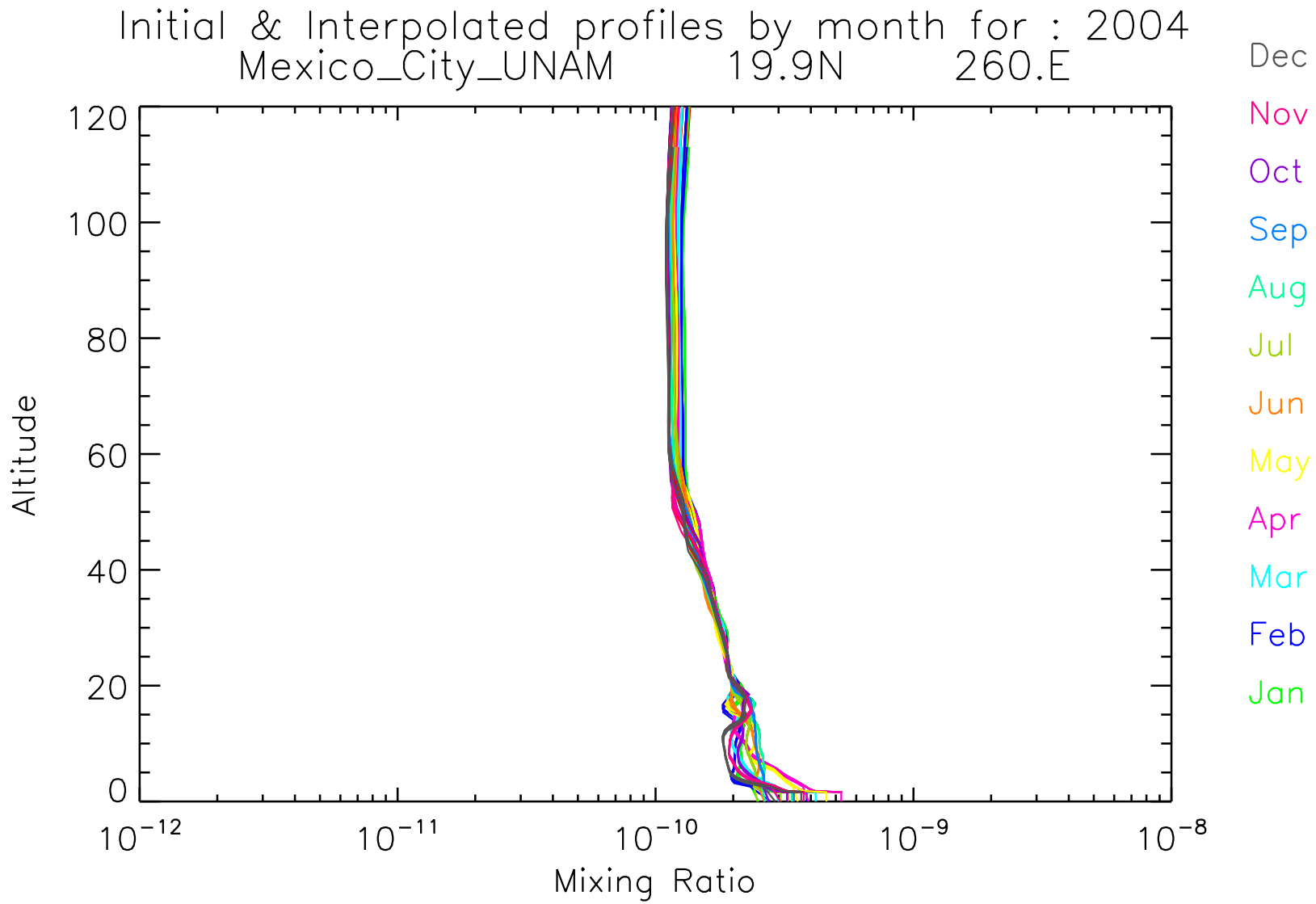
Initial & Interpolated profiles by month for : 2004
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Mixing Ratio
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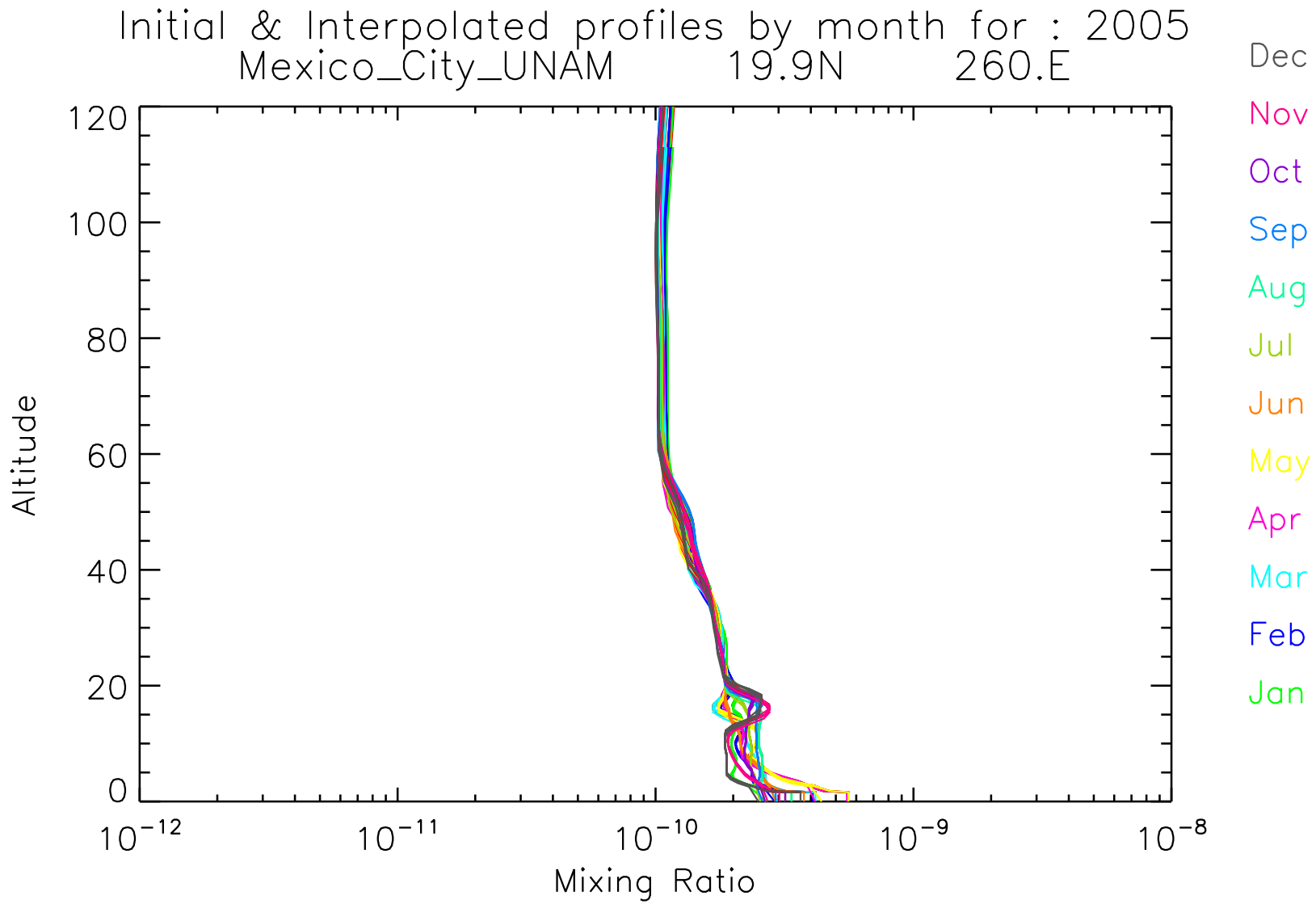
Initial & Interpolated profiles by month for : 2005
Mexico_City_UNAM 19.9N 260.E
Altitude
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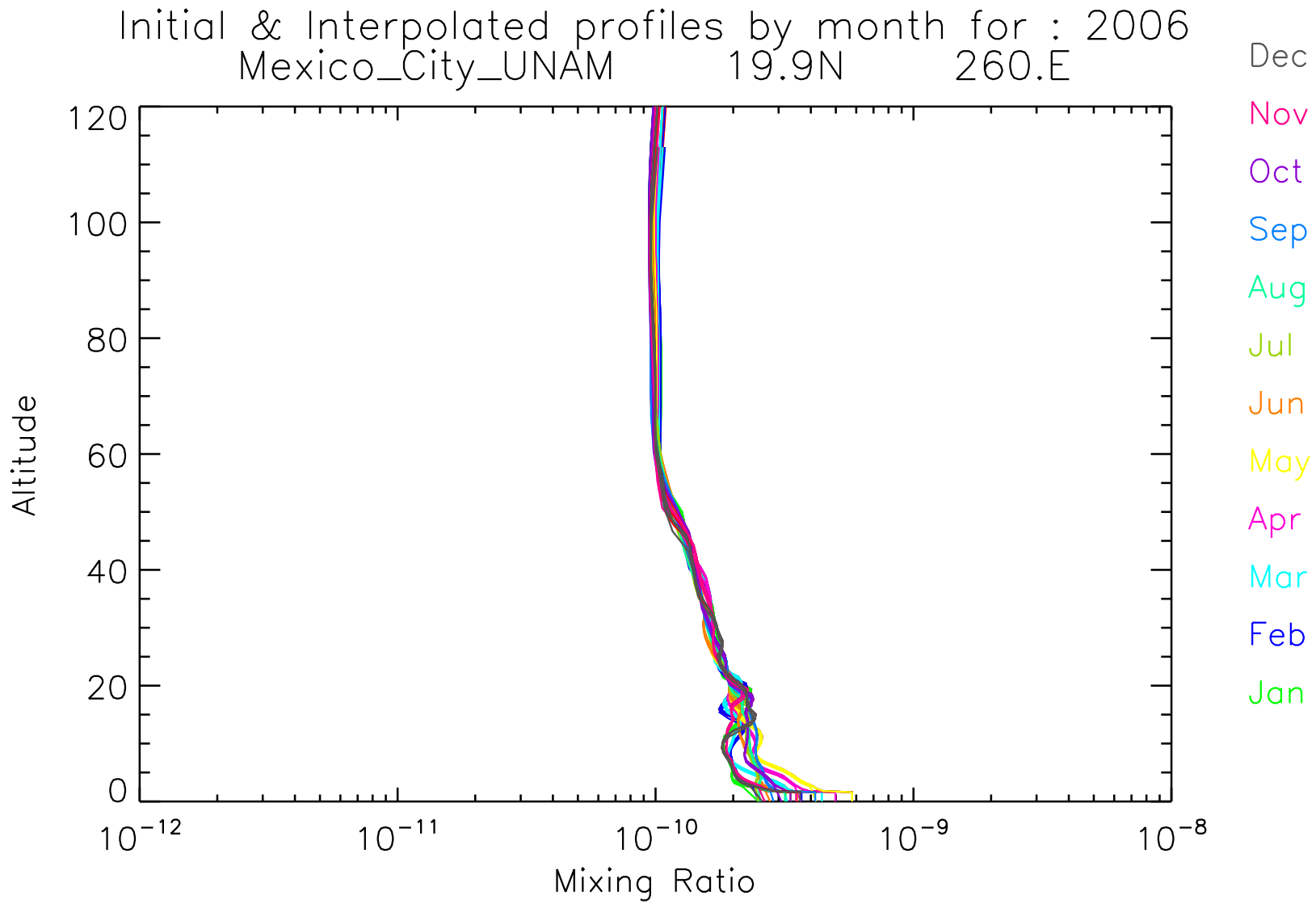
Initial & Interpolated profiles by month for : 2006
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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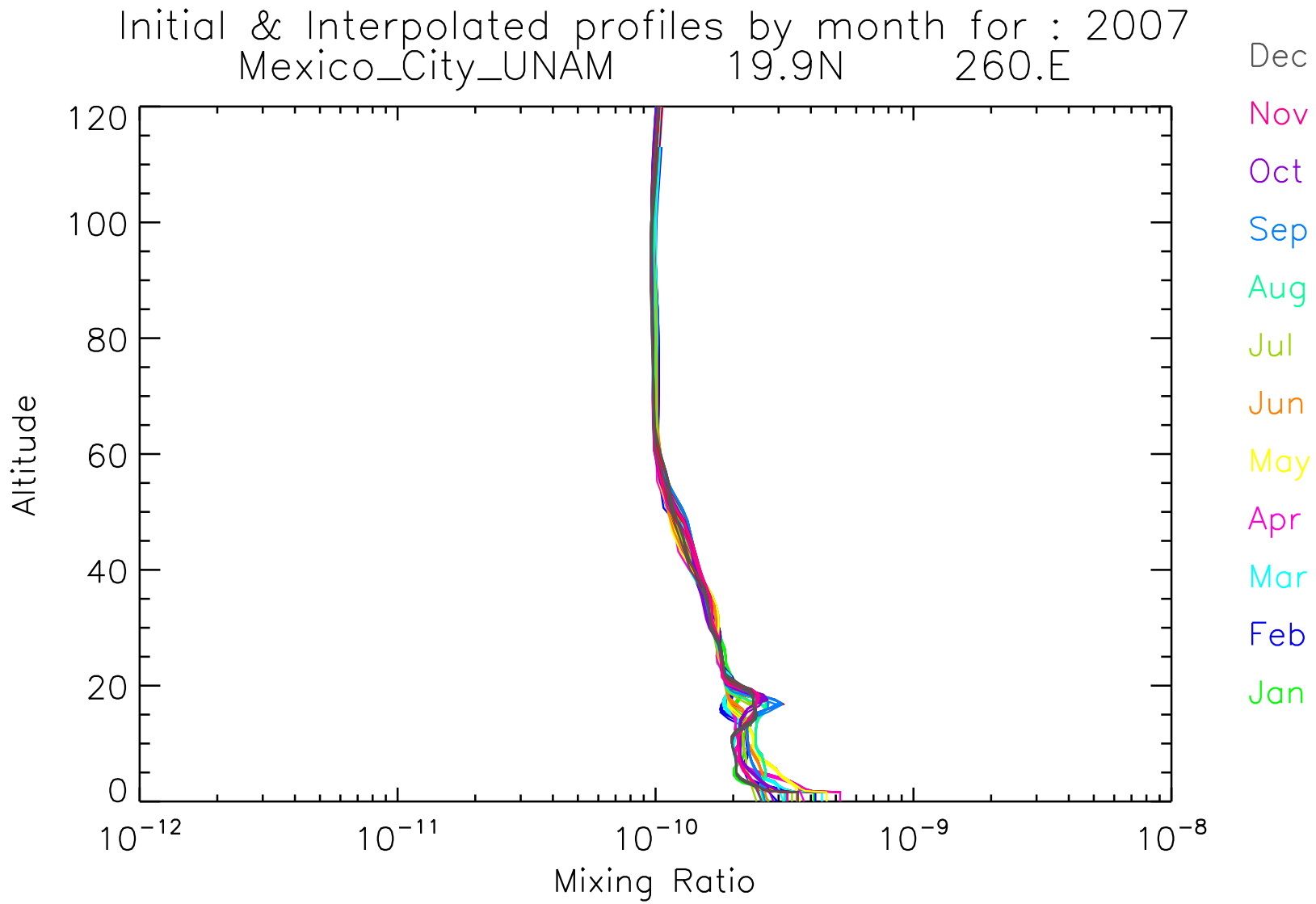
Initial & Interpolated profiles by month for : 2007
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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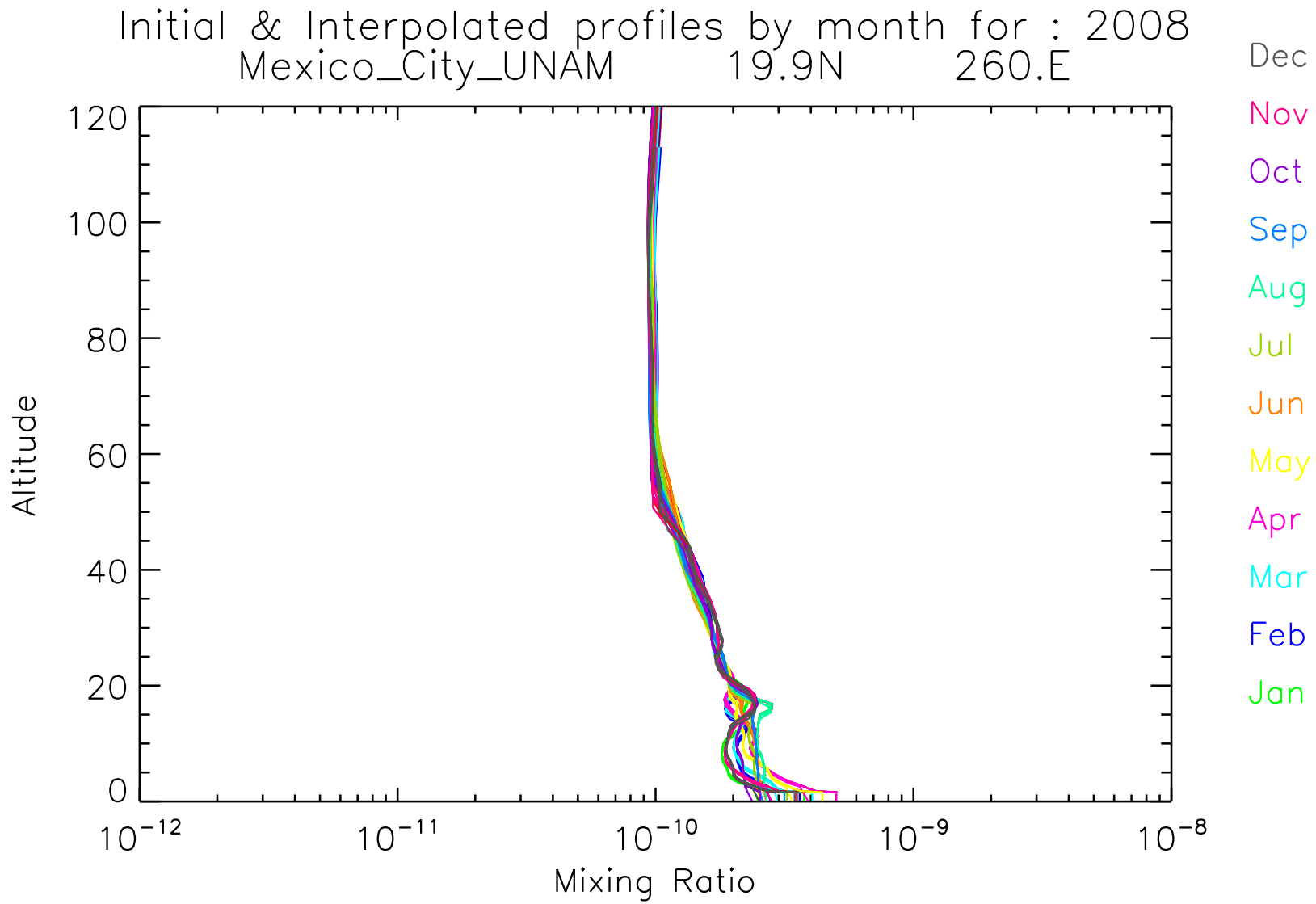
Initial & Interpolated profiles by month for : 2008
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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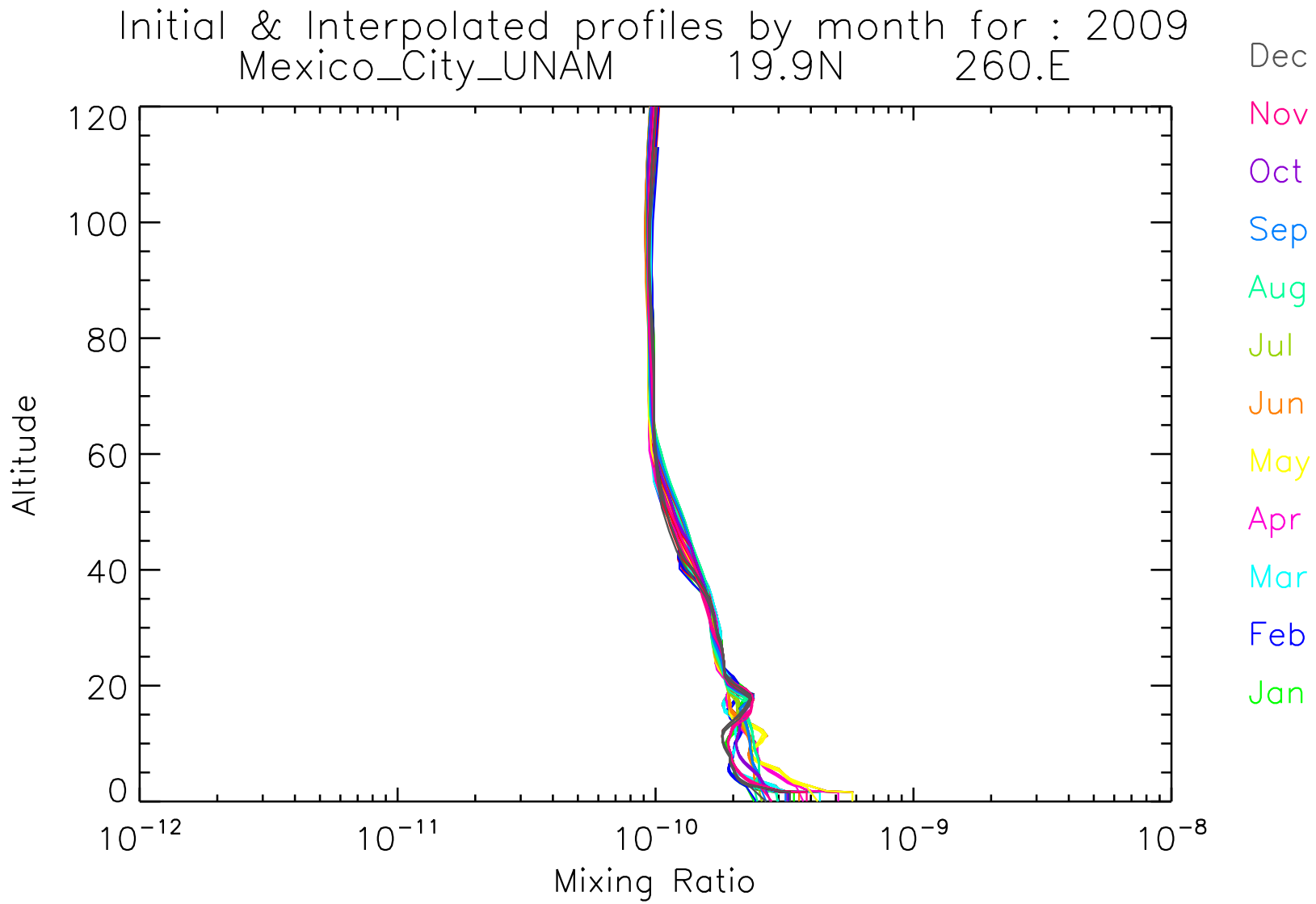
Initial & Interpolated profiles by month for : 2009
Mexico_City_UNAM 19.9N 260.E
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Mixing Ratio
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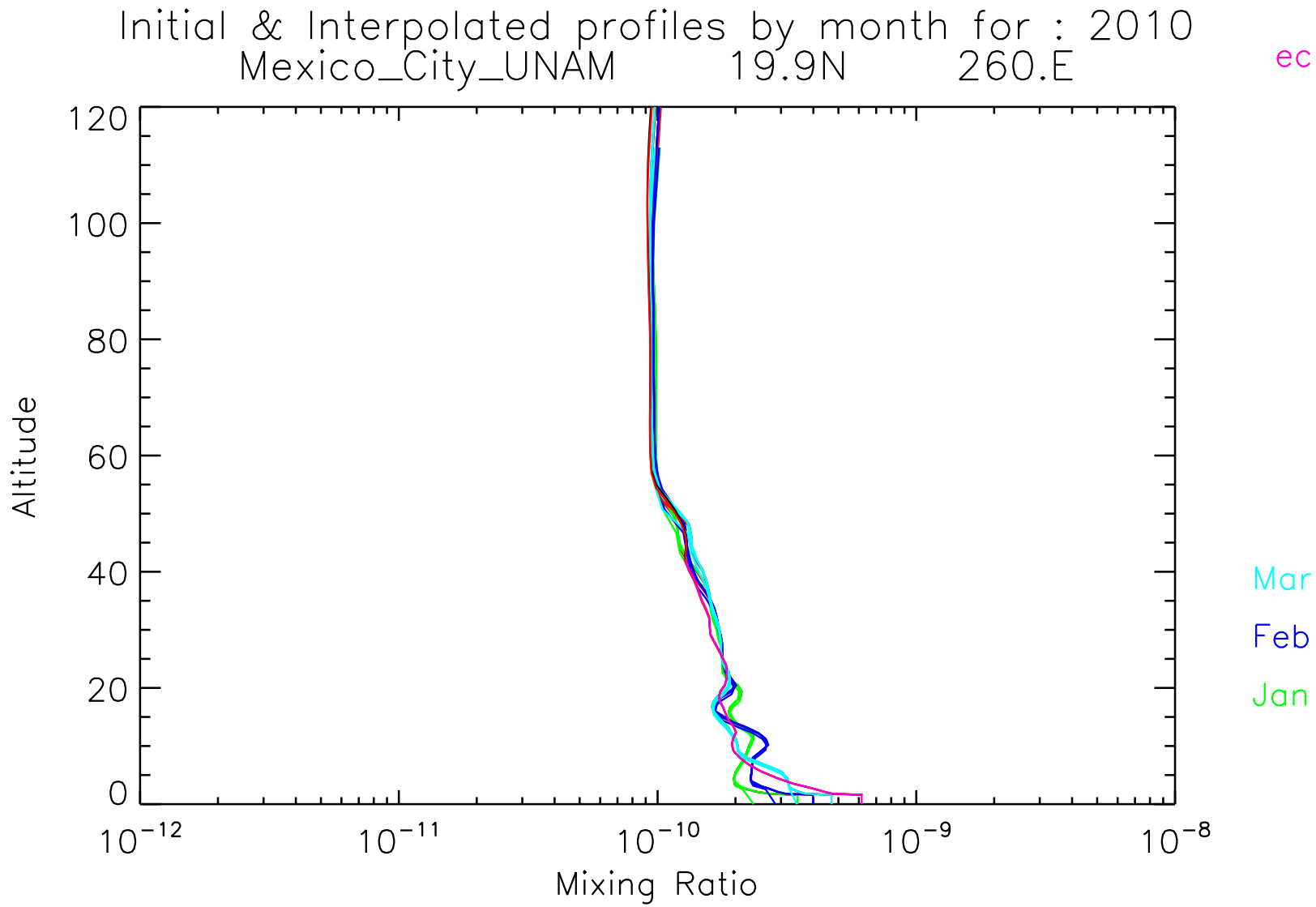
Initial & Interpolated profiles by month for : 2010
Mexico_City_UNAM 19.9N 260.E
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Altitude
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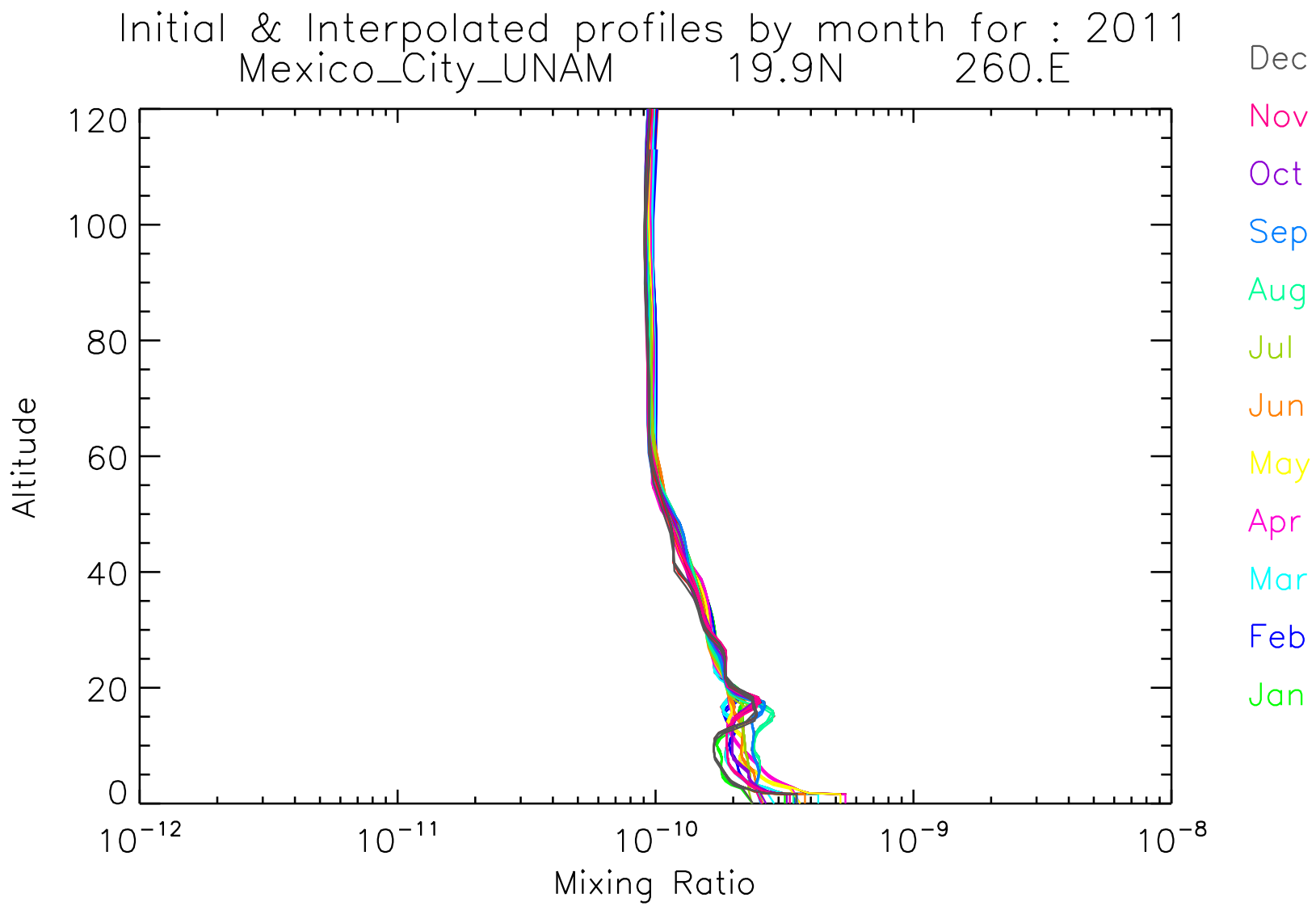
Mixing Ratio


Initial & Interpolated profiles by month for : 2011
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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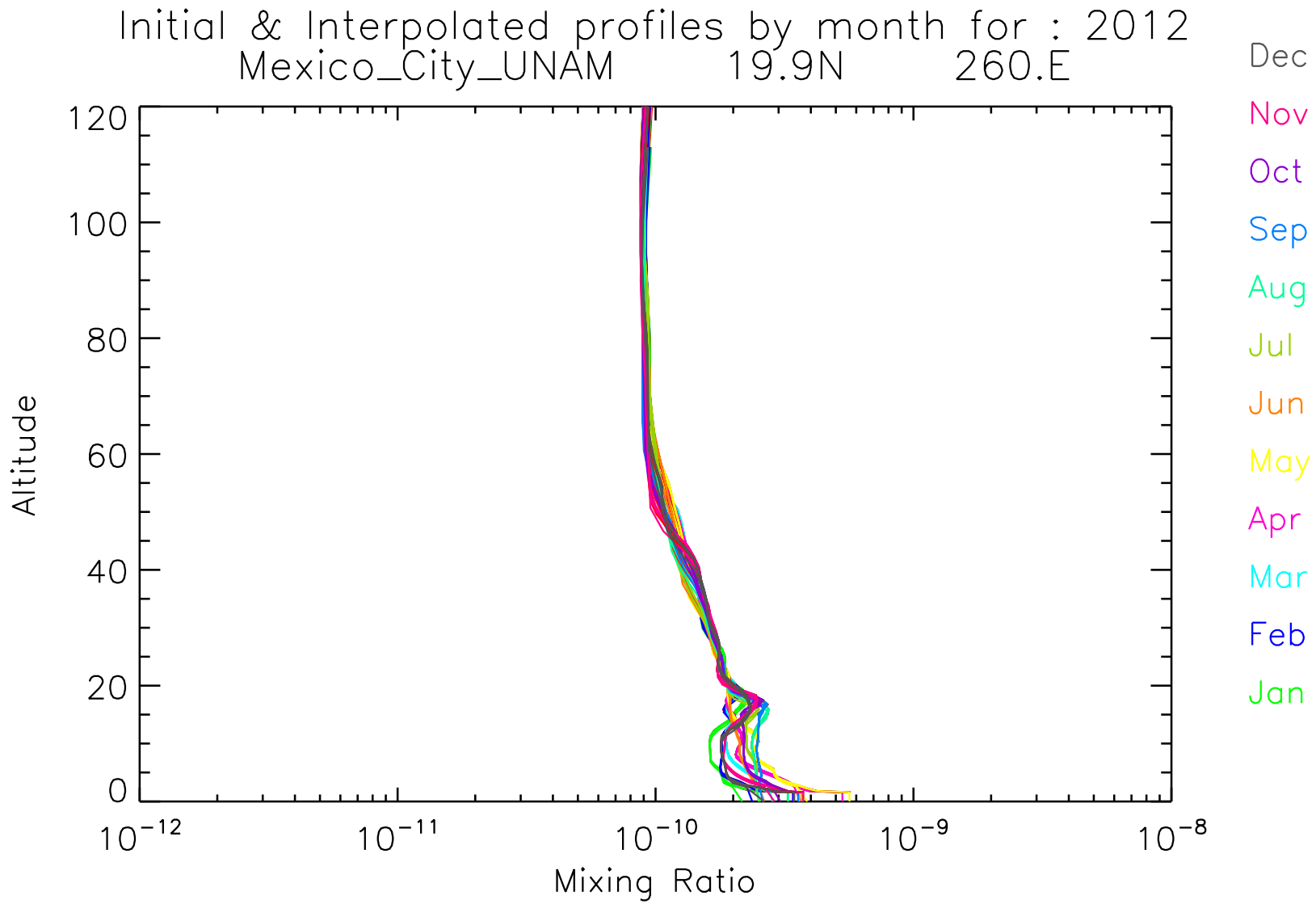
Initial & Interpolated profiles by month for : 2012
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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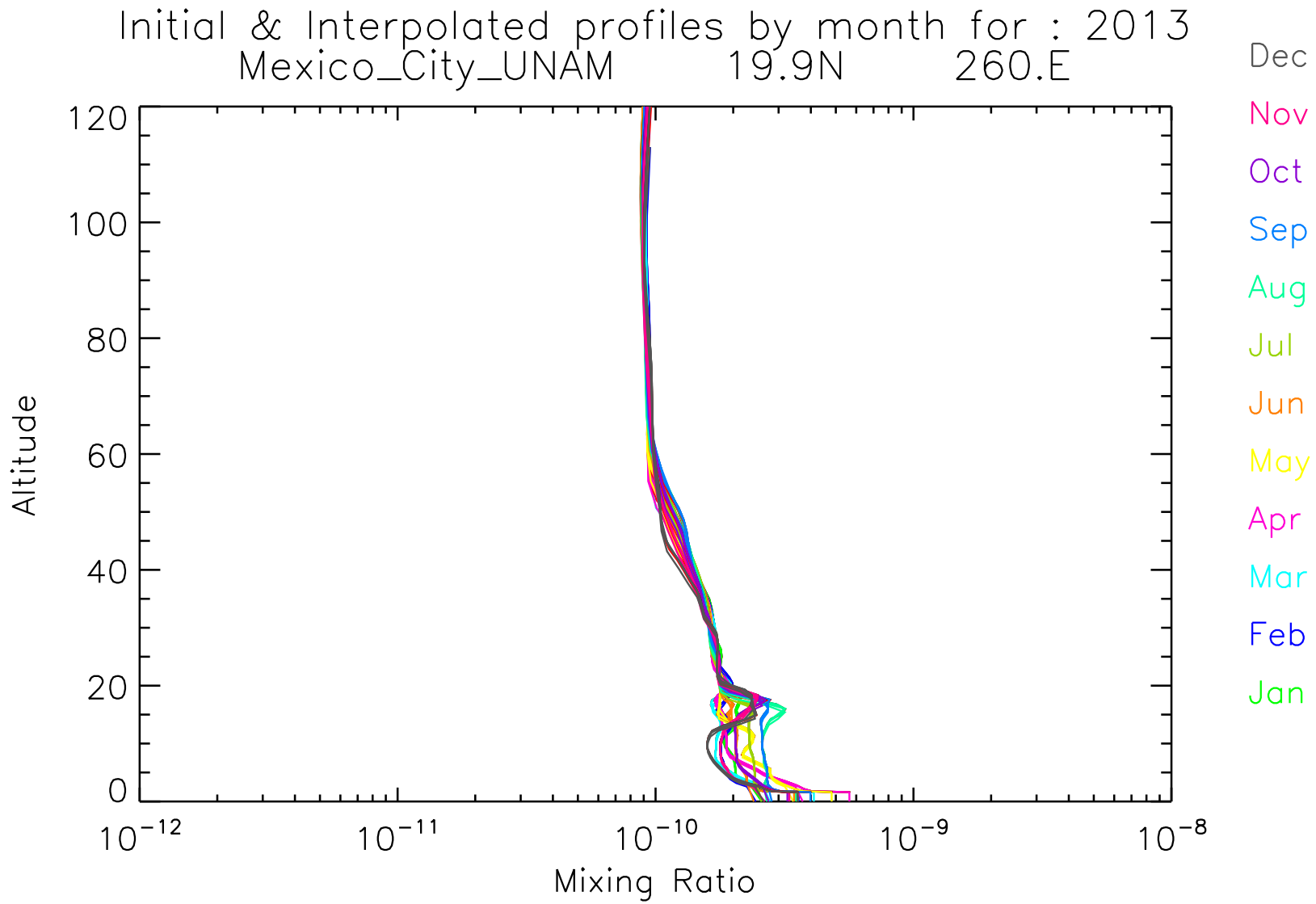
Initial & Interpolated profiles by month for : 2013
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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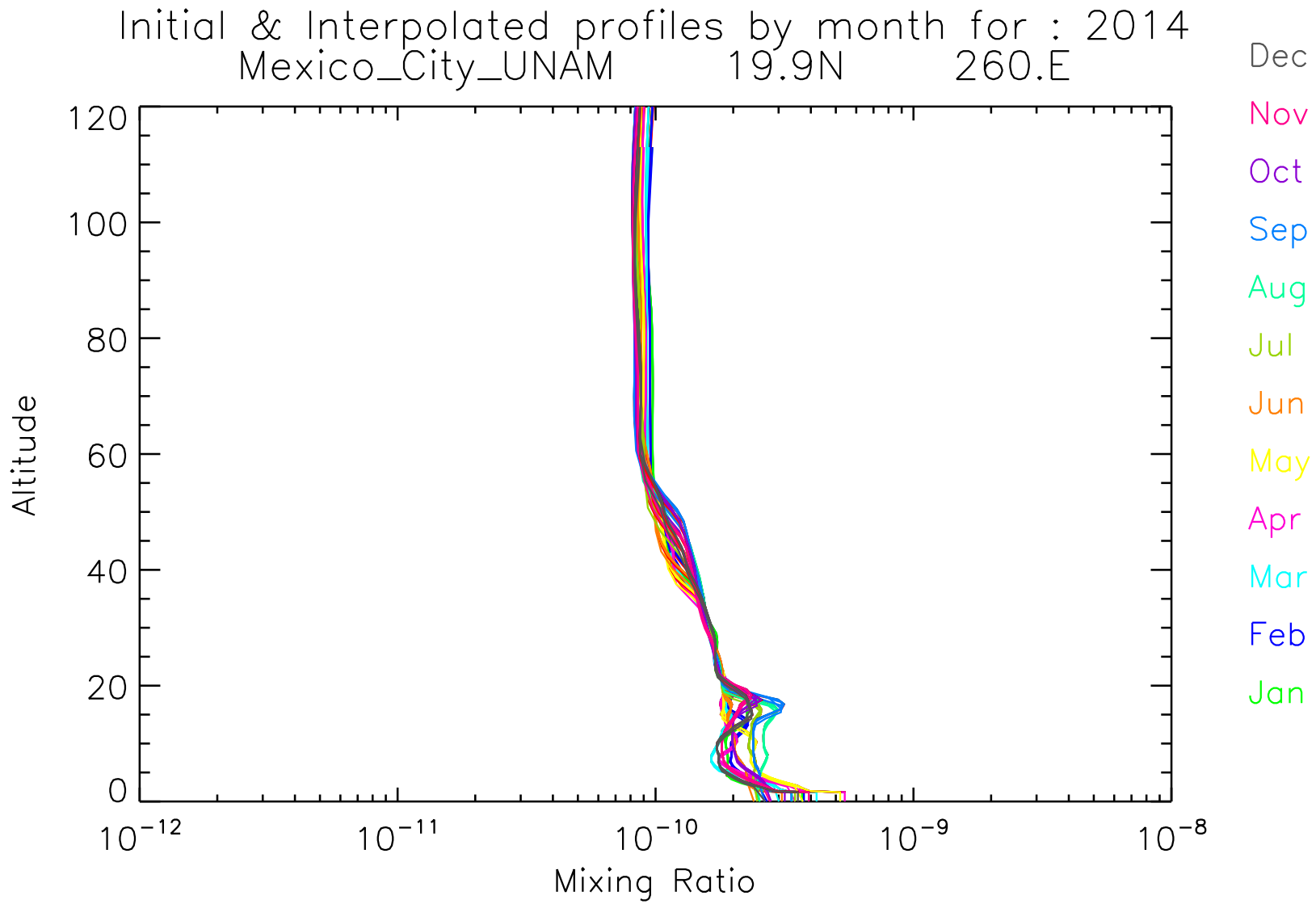
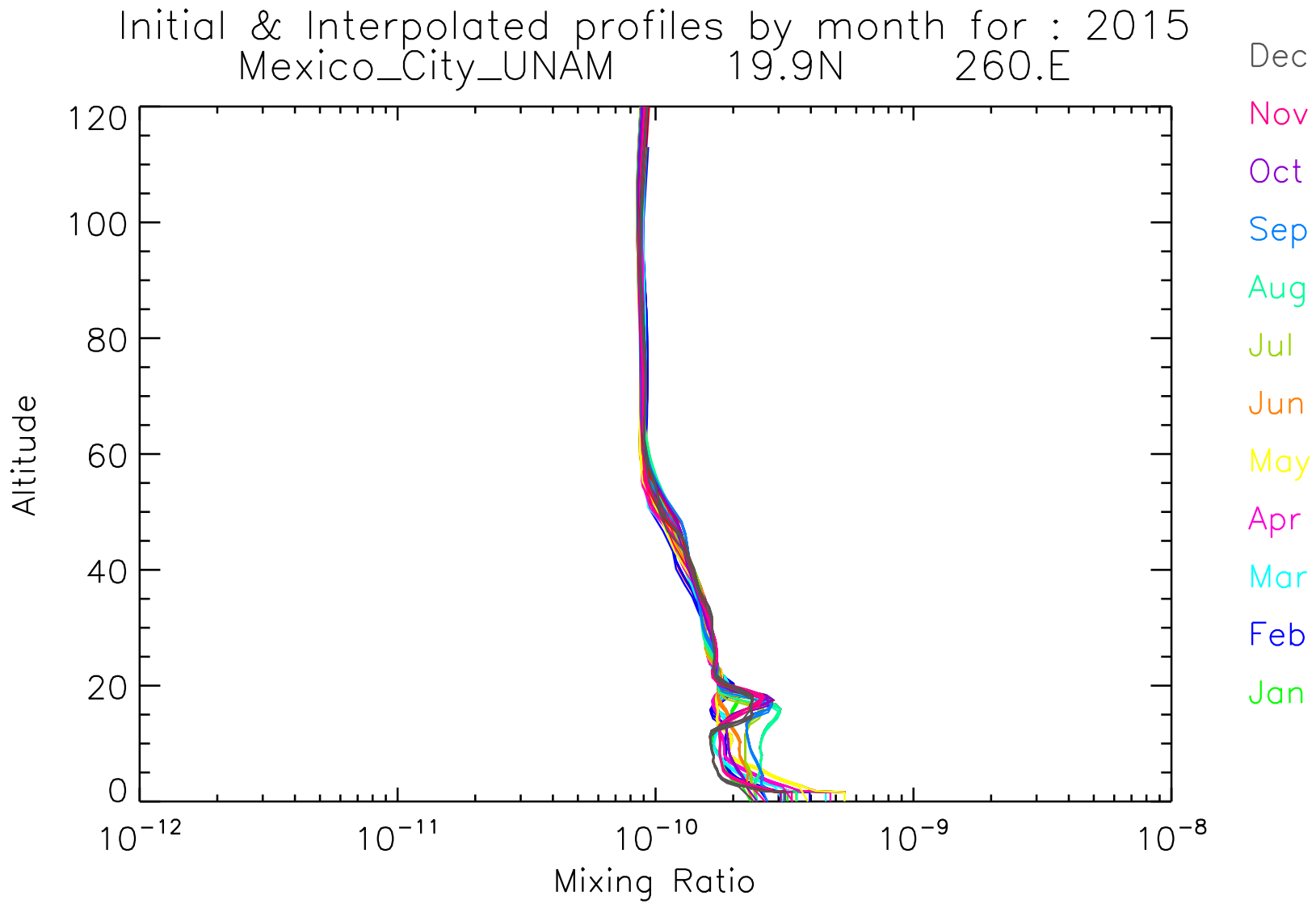
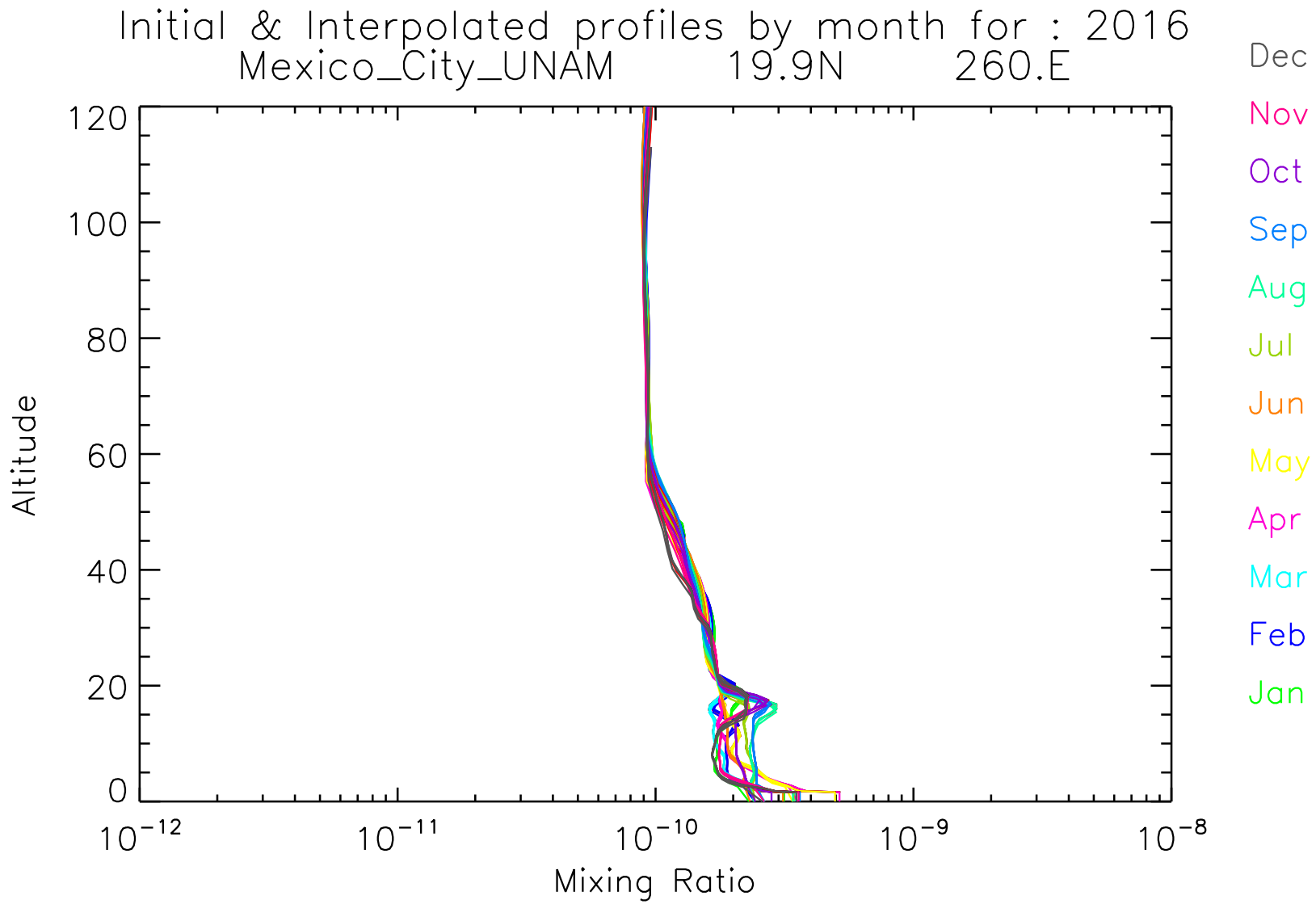
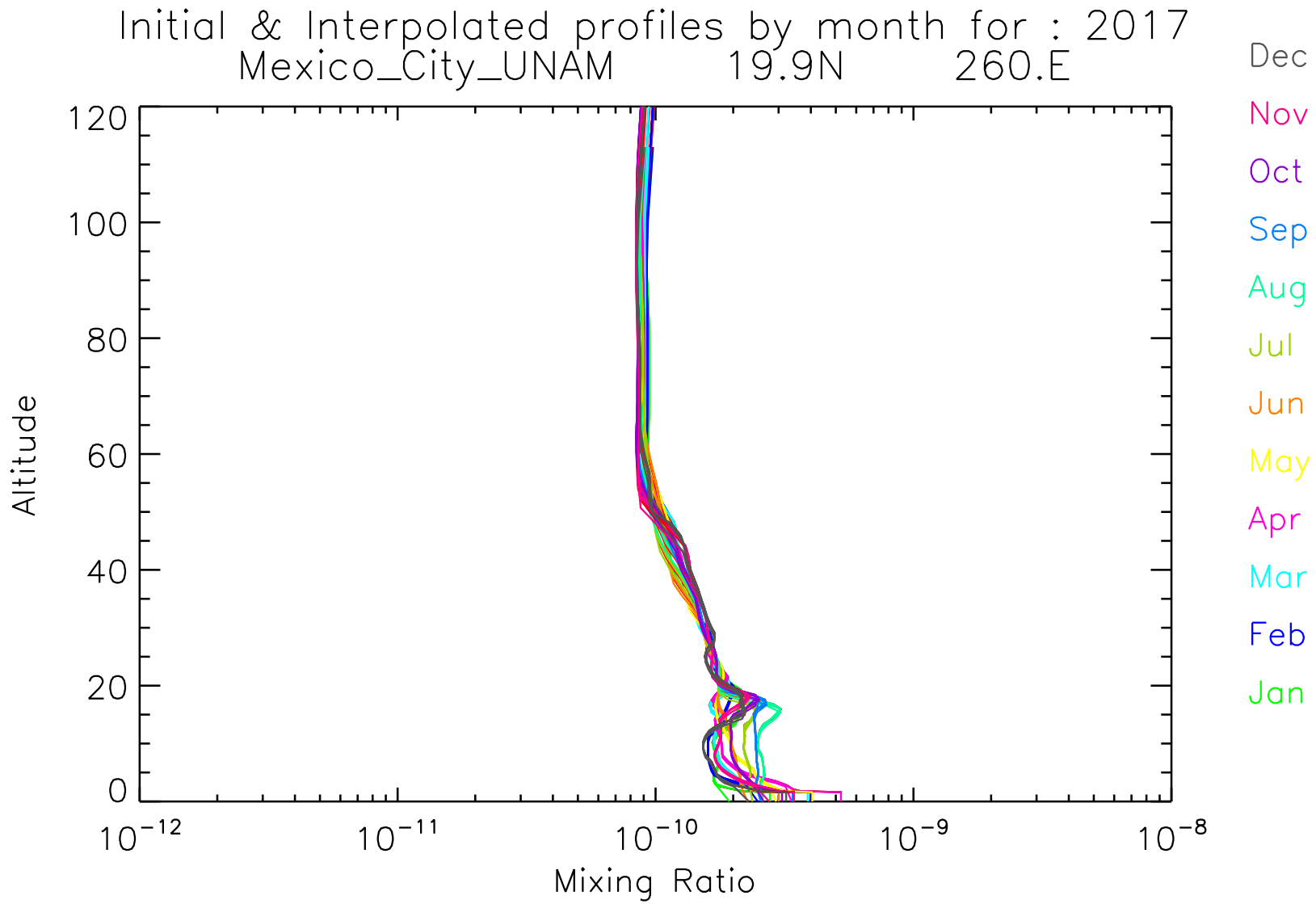
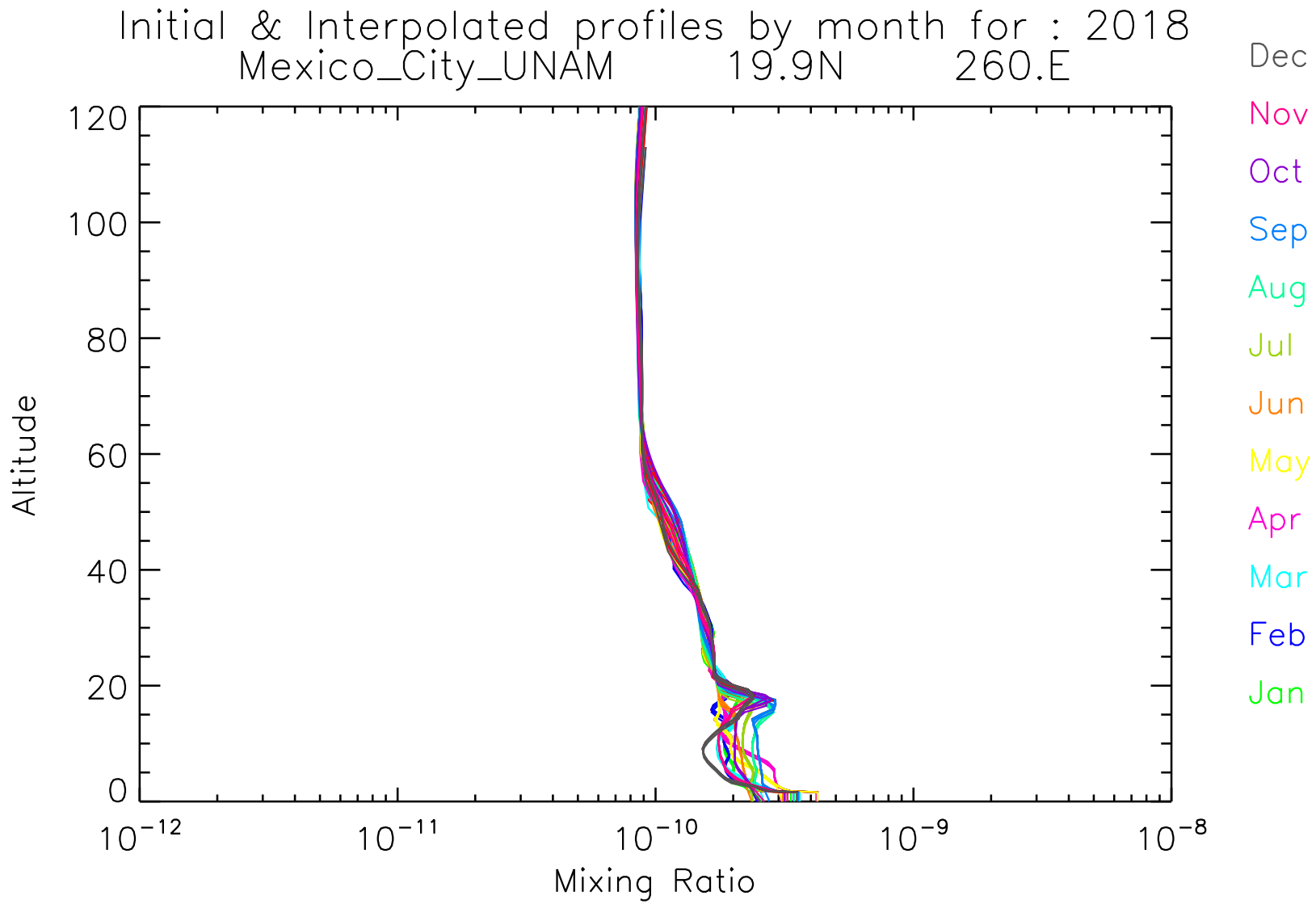
Apr
Mar
Feb
Jan

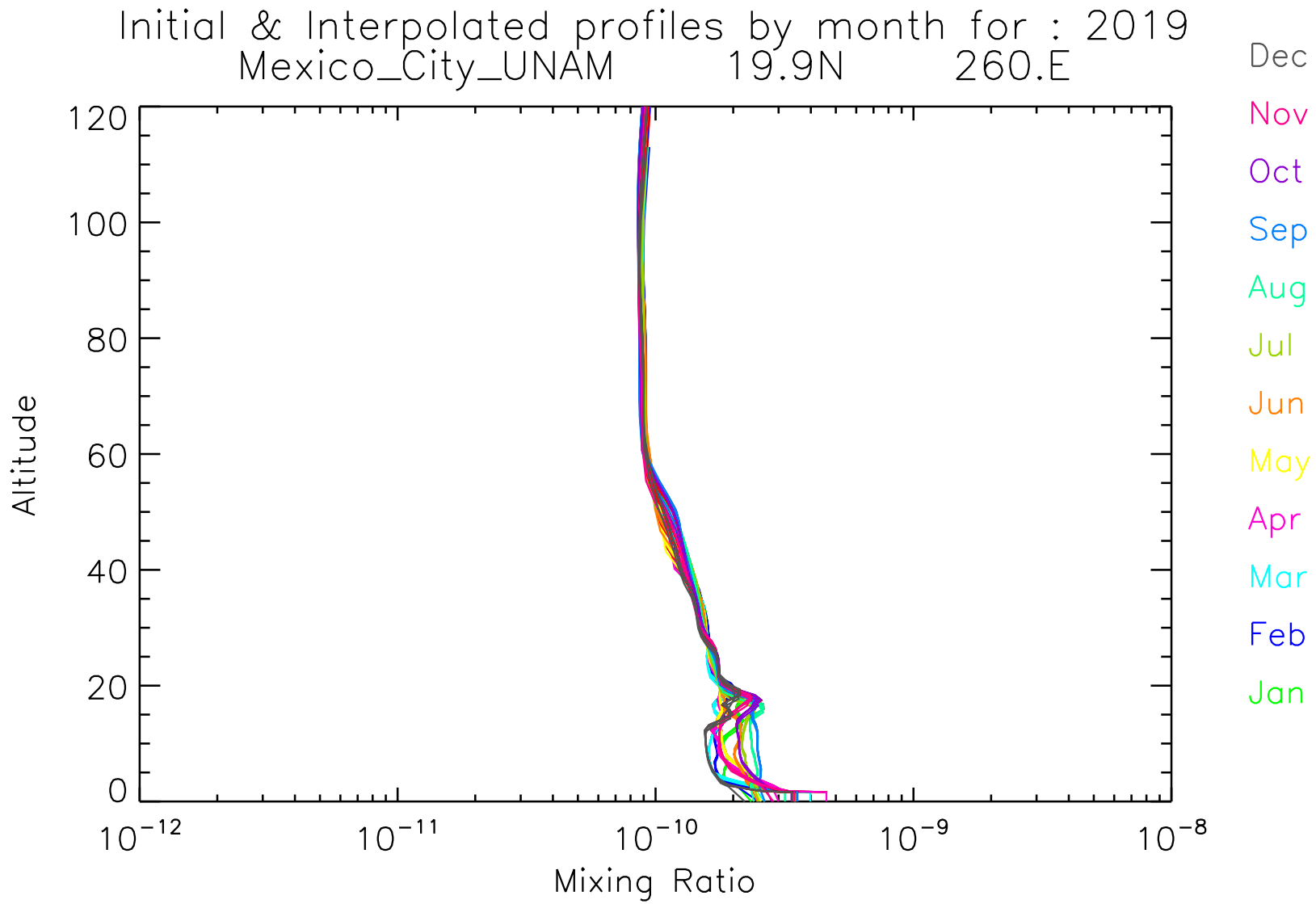

Initial & Interpolated profiles by month for : 2014
Mexico_City_UNAM 19.9N 260.E
Altitude
120
100
80
60
40
20
0
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

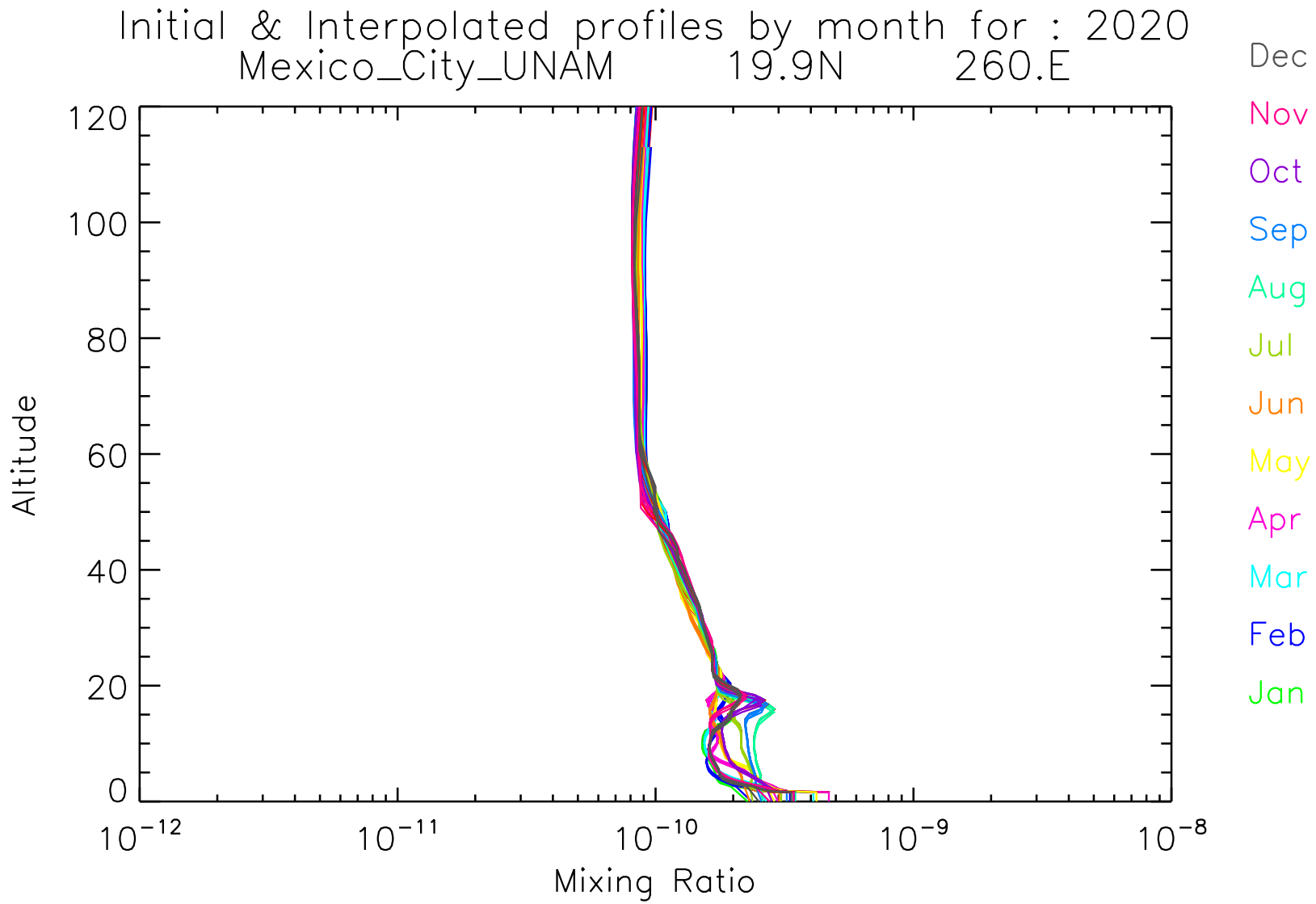

Initial & Interpolated profiles by month for : 2015
Mexico_City_UNAM 19.9N 260.E
Altitude
120
100
80
60
40
20
0
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

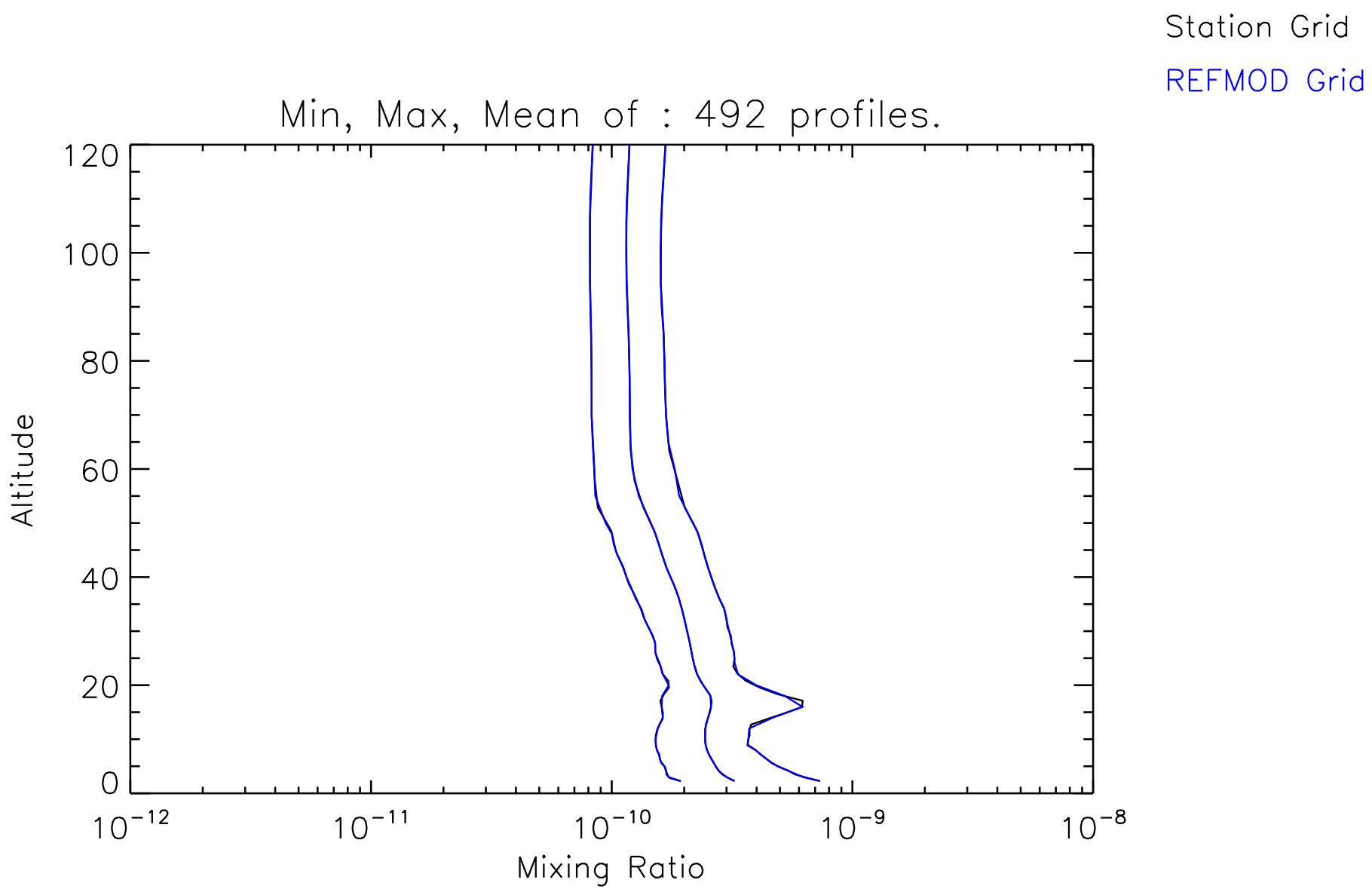

Initial & Interpolated profiles by month for : 2016
Mexico_City_UNAM 19.9N 260.E
Altitude
120
100
80
60
40
20
0
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

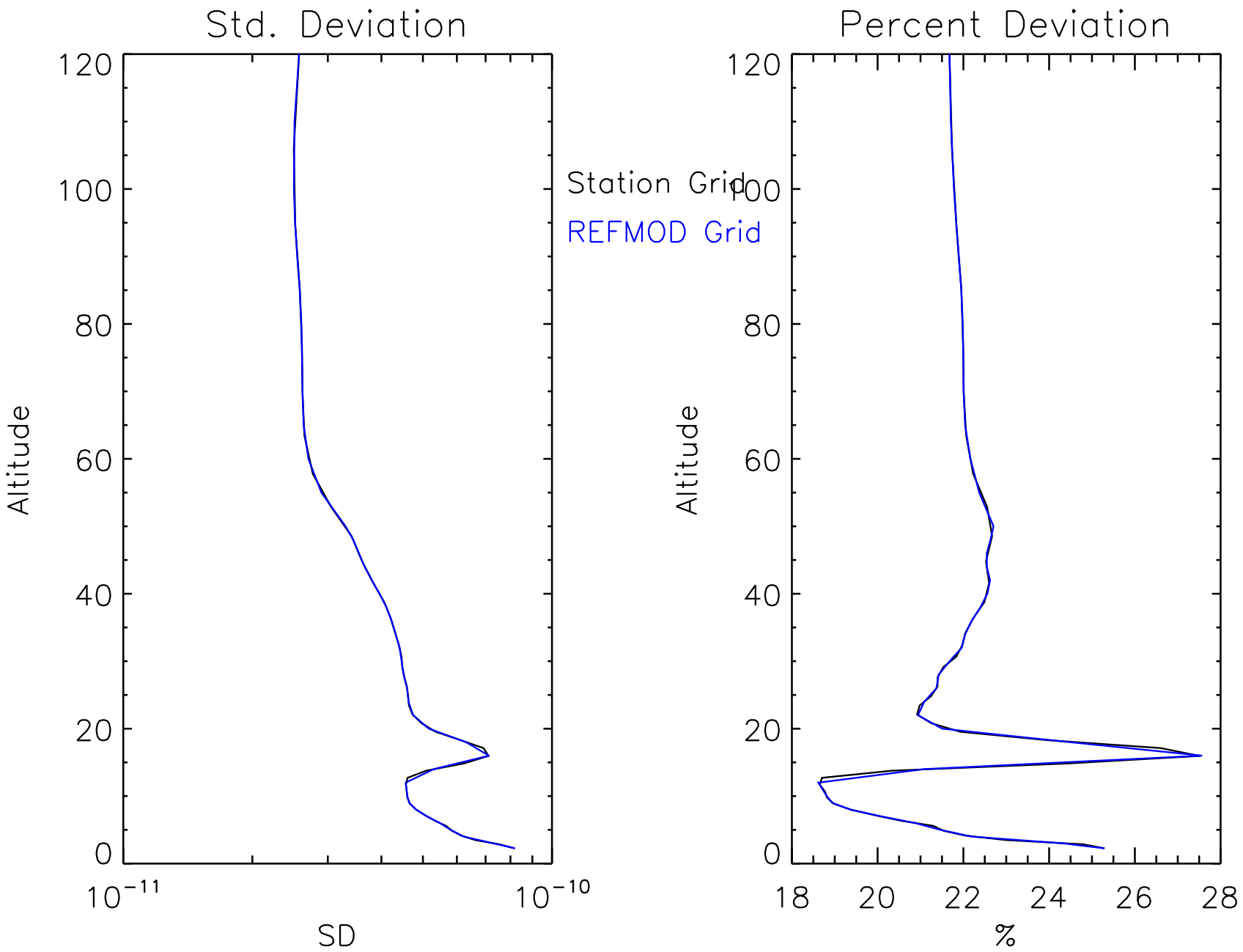

Initial & Interpolated profiles by month for : 2017
Mexico_City_UNAM 19.9N 260.E
Altitude
120
100
80
60
40
20
0
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

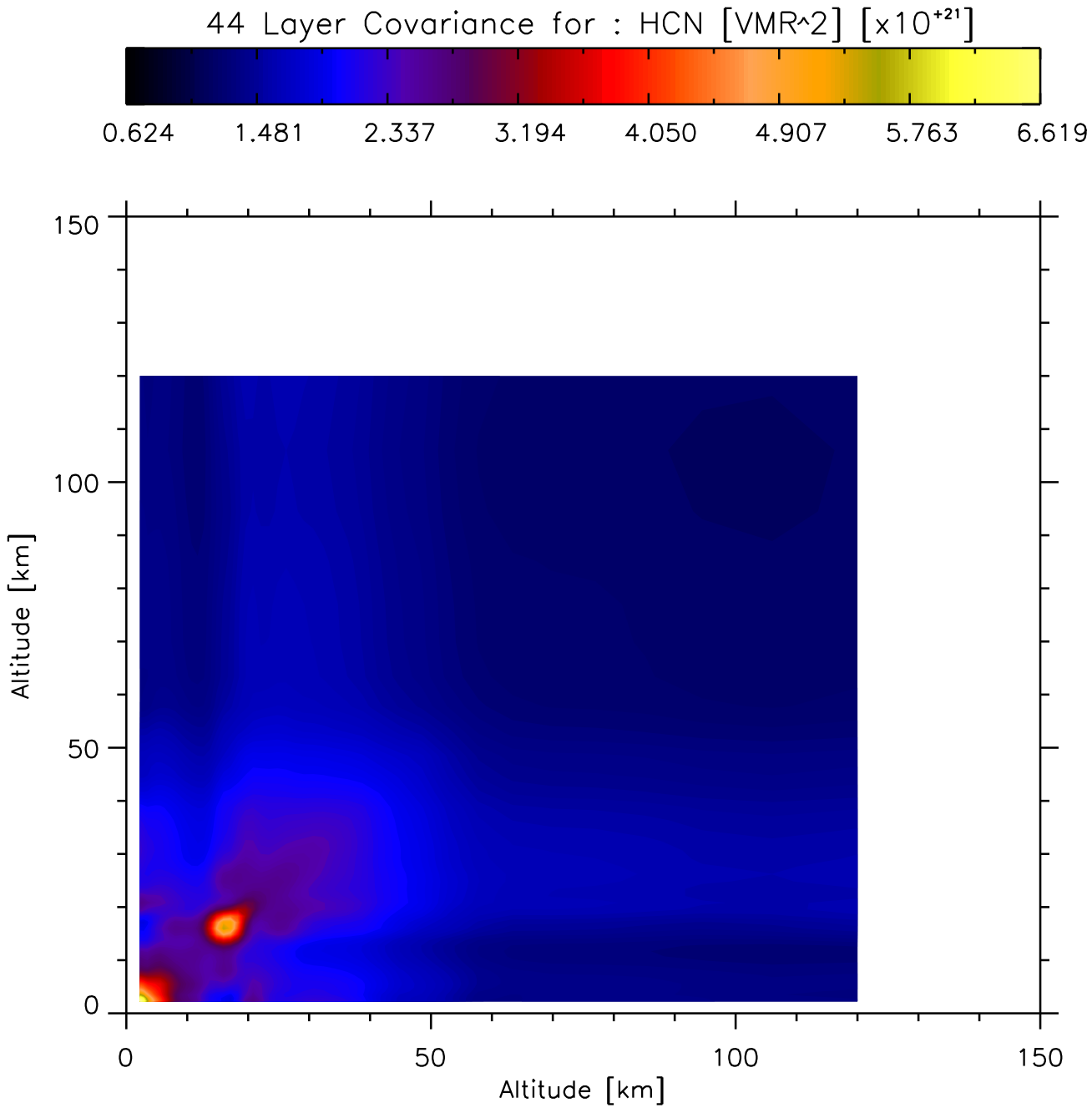

Initial & Interpolated profiles by month for : 2018
Mexico_City_UNAM 19.9N 260.E
Altitude
120
100
80
60
40
20
0
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan


Initial & Interpolated profiles by month for : 2019
Mexico_City_UNAM 19.9N 260.E
Altitude
120
100
80
60
40
20
0
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

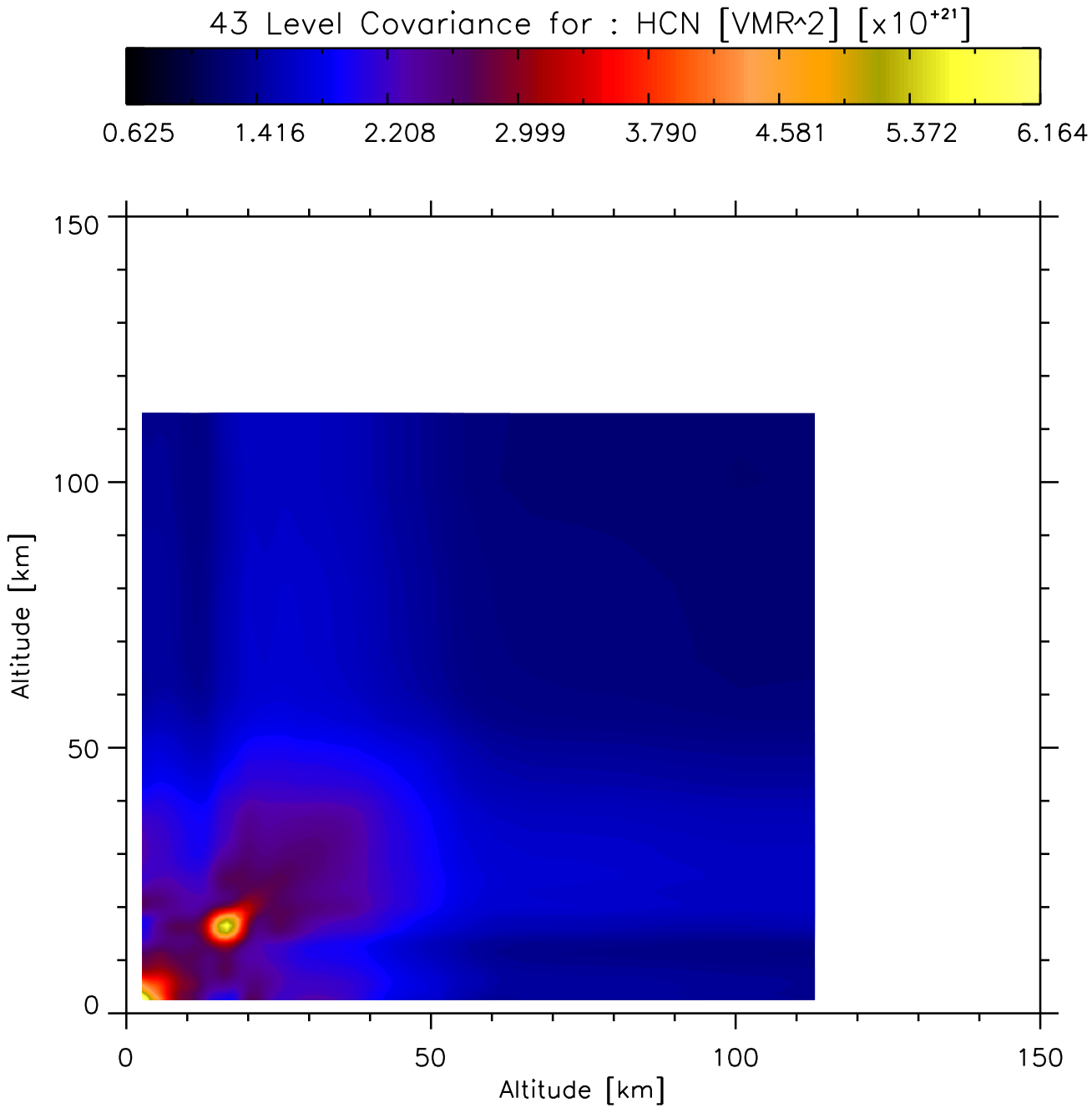

Initial & Interpolated profiles by month for : 2020
Mexico_City_UNAM 19.9N 260.E
Altitude
120
100
80
60
40
20
0
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

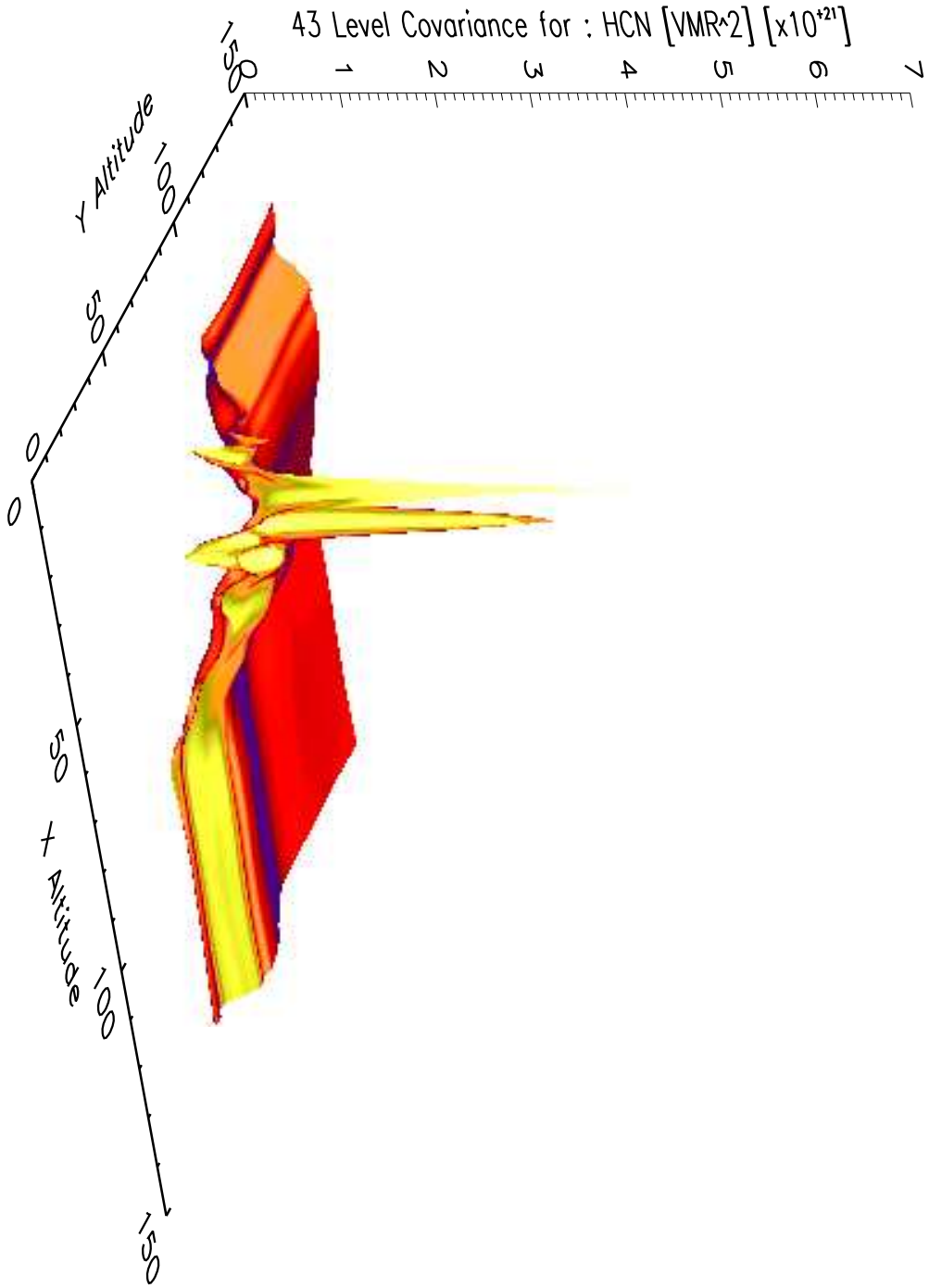

Station Grid
REFMOD Grid
Min, Max, Mean of : 492 profiles.
Altitude
120
100
80
60
40
20
0
10^{-12}
10^{-11}
10^{-10}
10^{-9}
10^{-8}
Mixing Ratio


Std. Deviation
Percent Deviation
Station Grid
REFMOD Grid
Altitude
Altitude
120
100
80
60
40
20
0
10^{-11}
10^{-10}
SD
18
20
22
24
26
28
%


44 Layer Covariance for : HCN [VMR^2] [x10^+21]
0.624
1.481
2.337
3.194
4.050
4.907
5.763
6.619
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]

44 Layer Covariance for : HCN [VMR^2] [x10^+21]
150
2
4
6
8
Y Altitude
100
50
0
0
50
X Altitude
100
150


43 Level Covariance for : HCN [VMR^2] [x10^+21]
0.625
1.416
2.208
2.999
3.790
4.581
5.372
6.164
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


43 Level Covariance for : HCN [VMR^2] [x10^+21]
1
2
3
4
5
6
7
150
100
50
0
Y Altitude
0
50
100
150
X Altitude