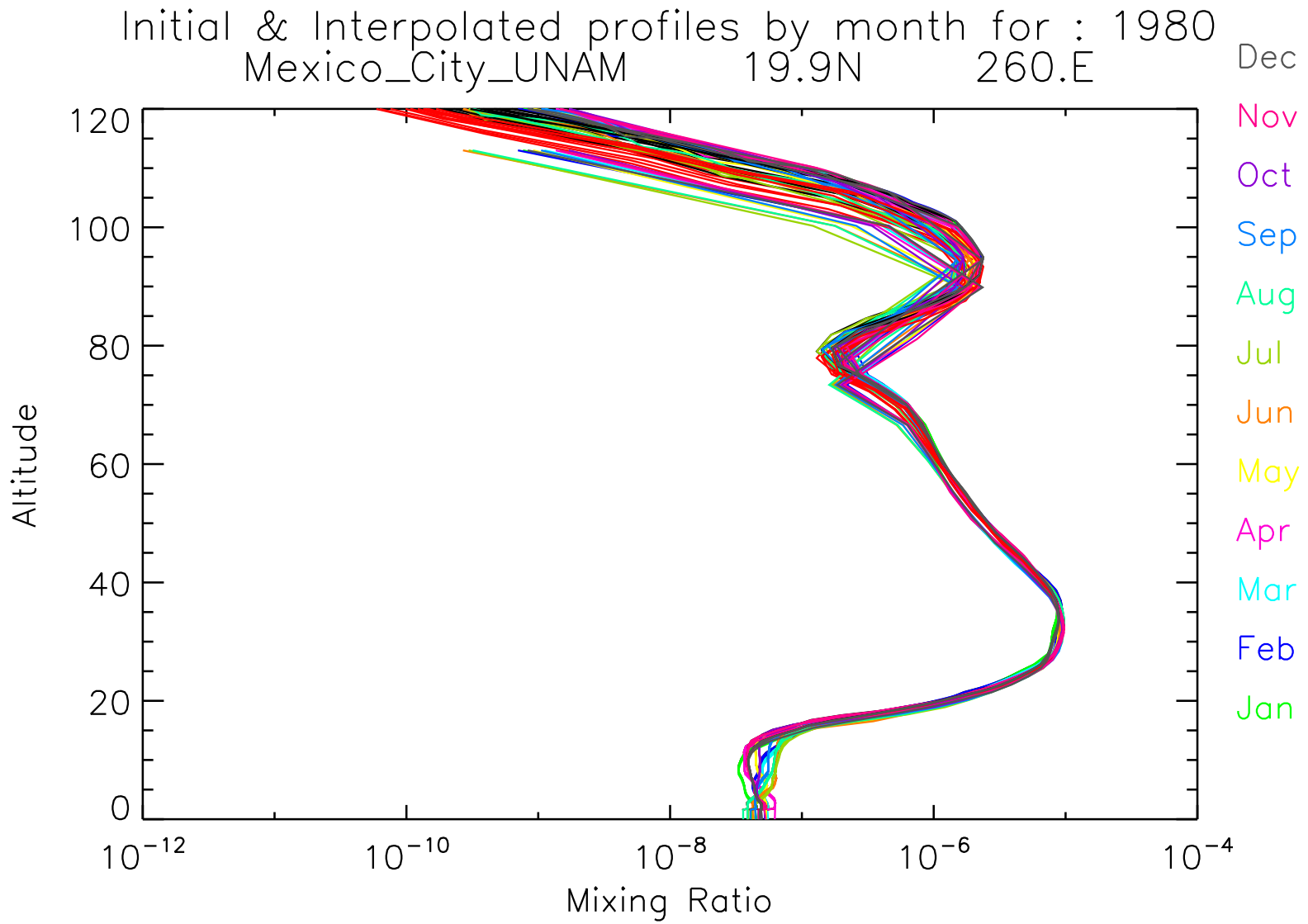
Initial & Interpolated profiles by month for : 1980
Mexico_City_UNAM 19.9N 260.E
Dec
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120
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Altitude
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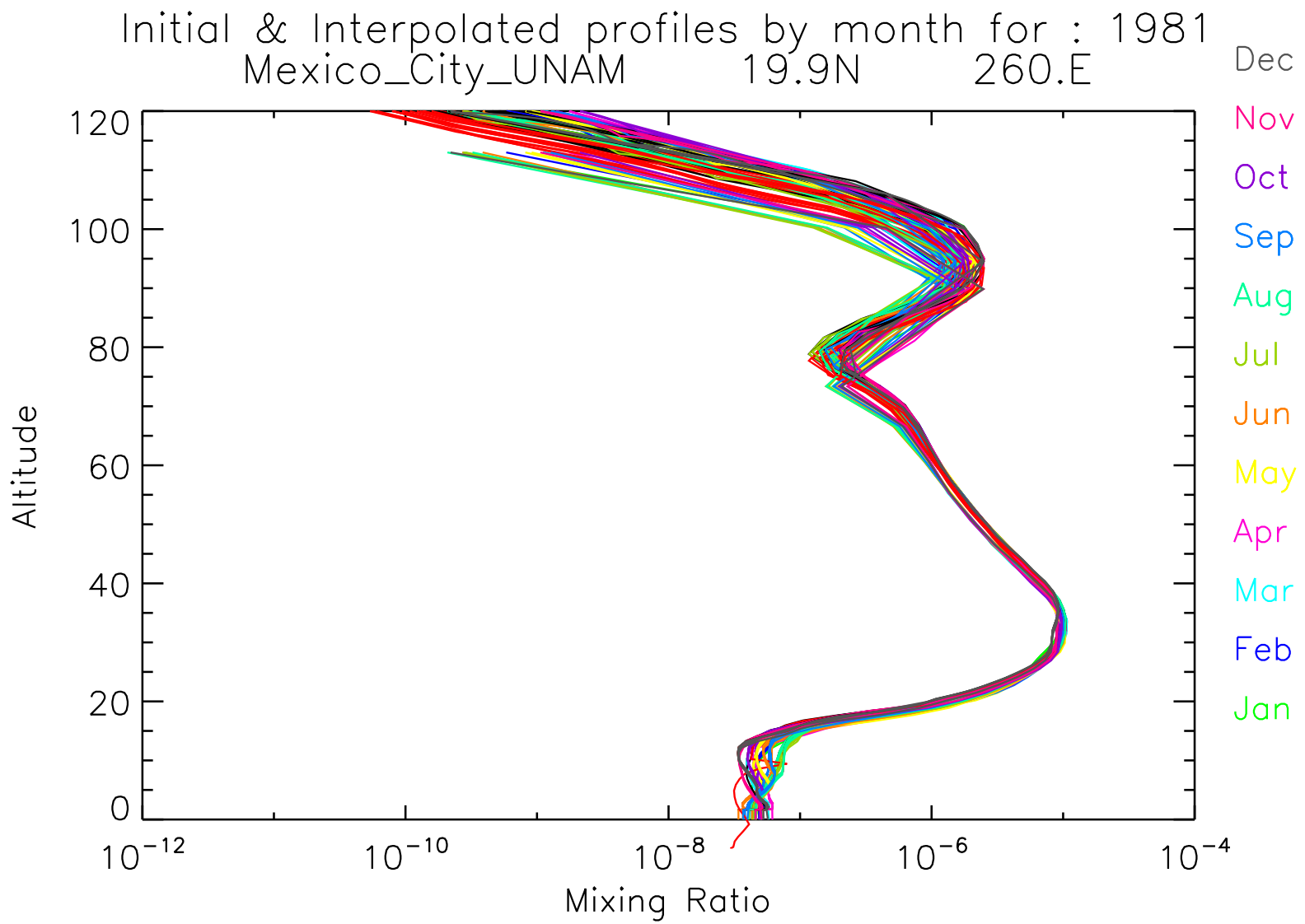
10^{-4}
Mixing Ratio


Initial & Interpolated profiles by month for : 1981
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Altitude
120
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Mixing Ratio
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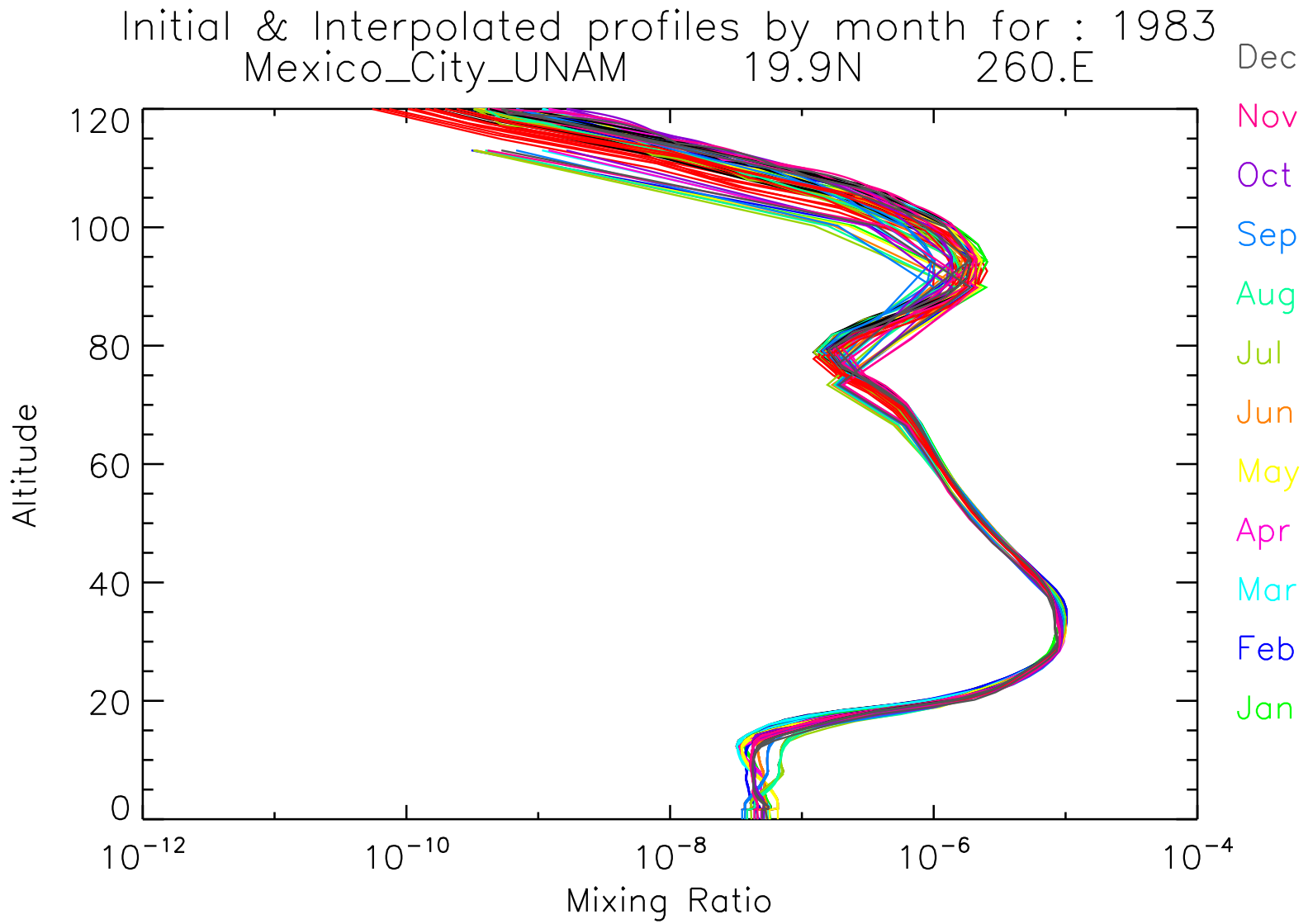
Initial & Interpolated profiles by month for : 1983
Mexico_City_UNAM 19.9N 260.E
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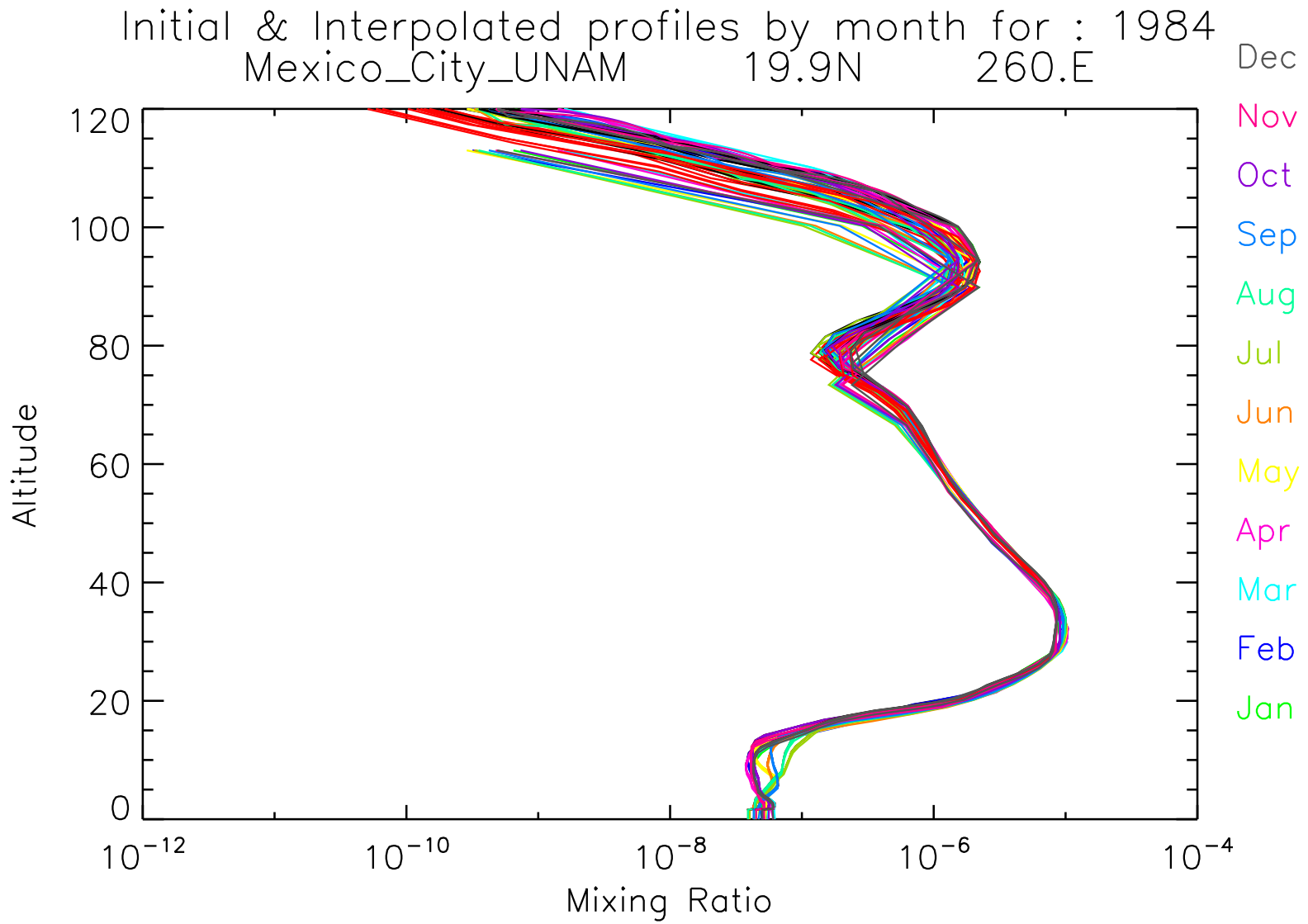
10^{-4}
Mixing Ratio


Initial & Interpolated profiles by month for : 1984
Mexico_City_UNAM 19.9N 260.E
Altitude
120
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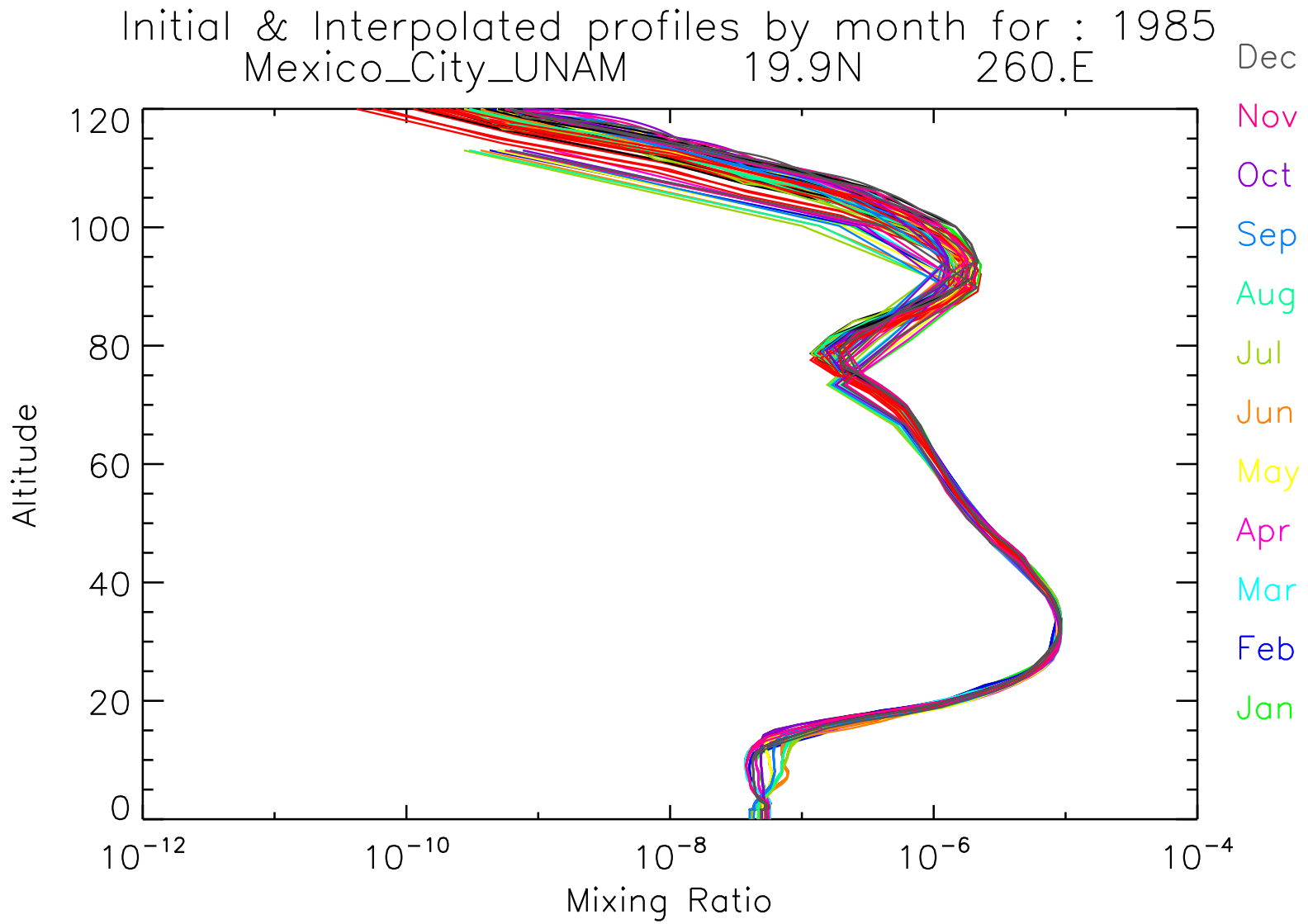
Initial & Interpolated profiles by month for : 1985
Mexico_City_UNAM 19.9N 260.E
Dec
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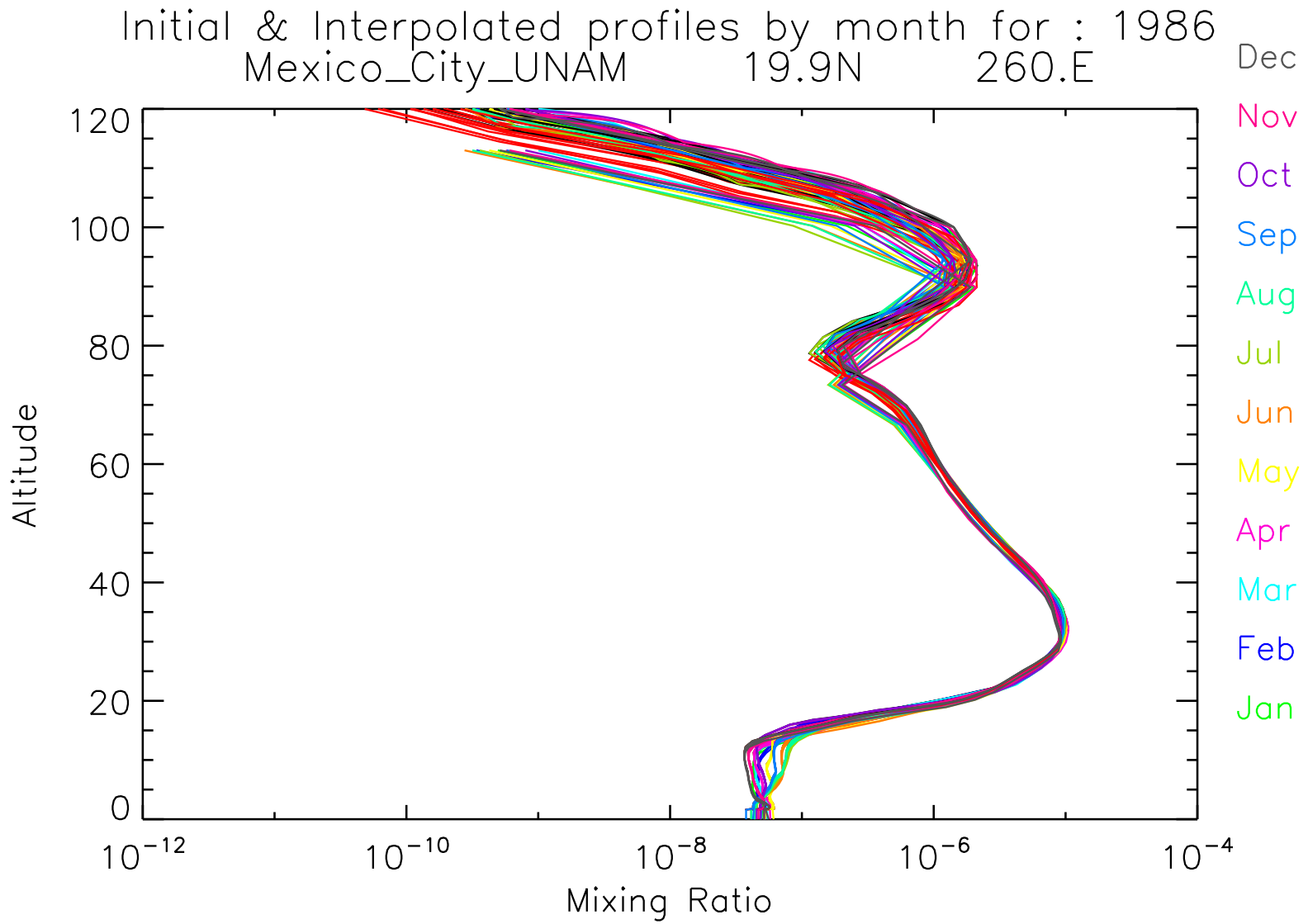
Mixing Ratio


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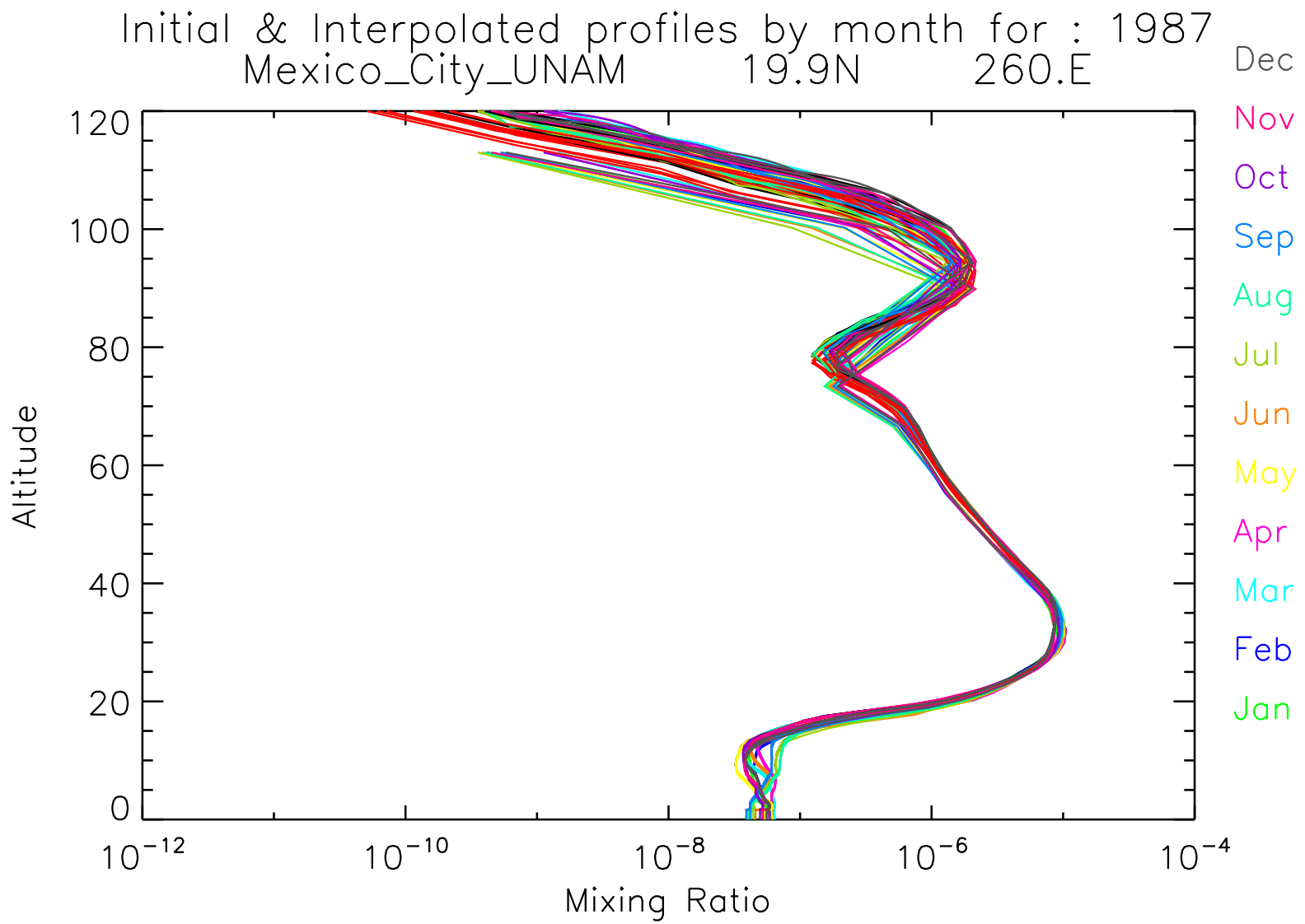
Mixing Ratio


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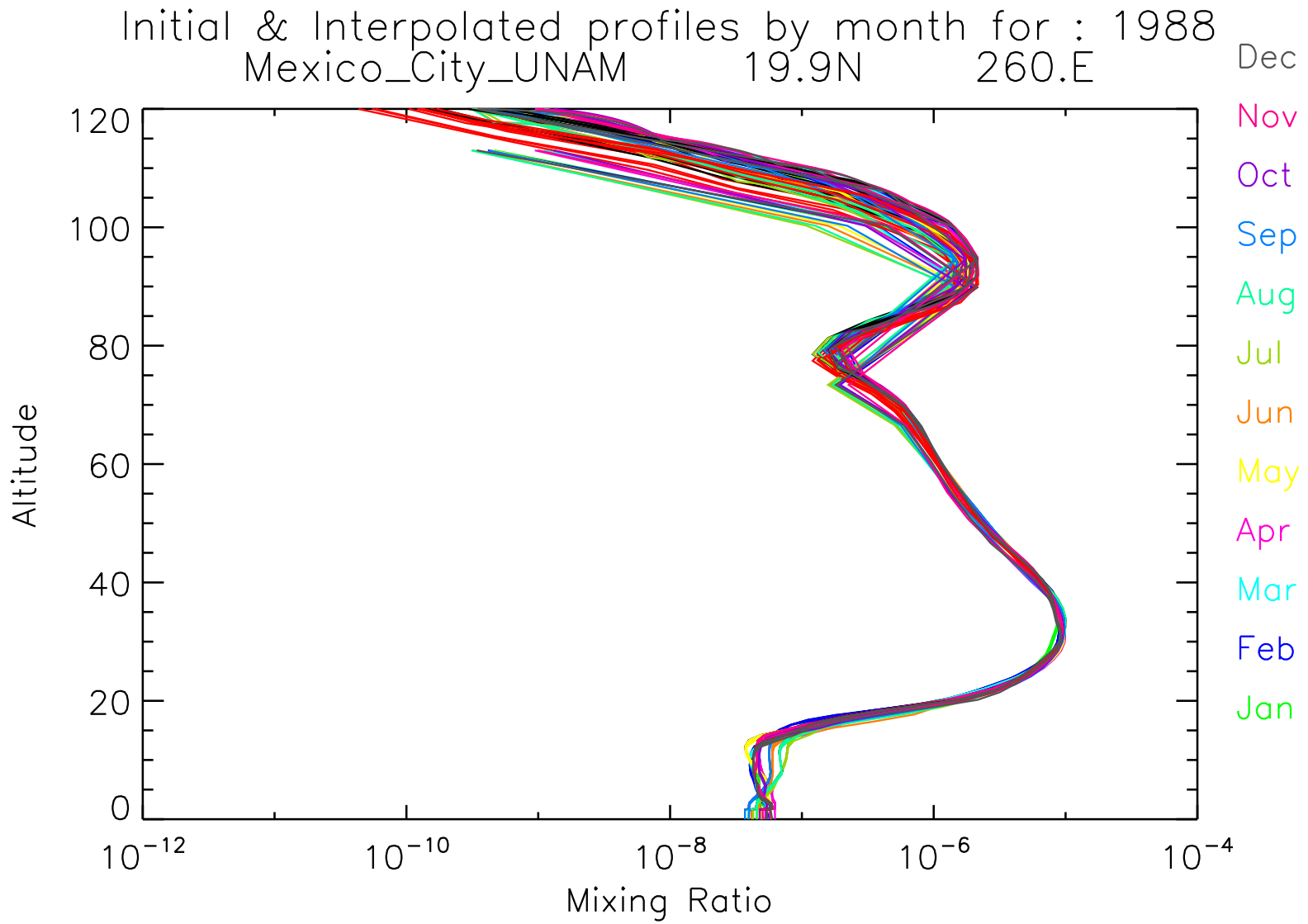
Initial & Interpolated profiles by month for : 1988
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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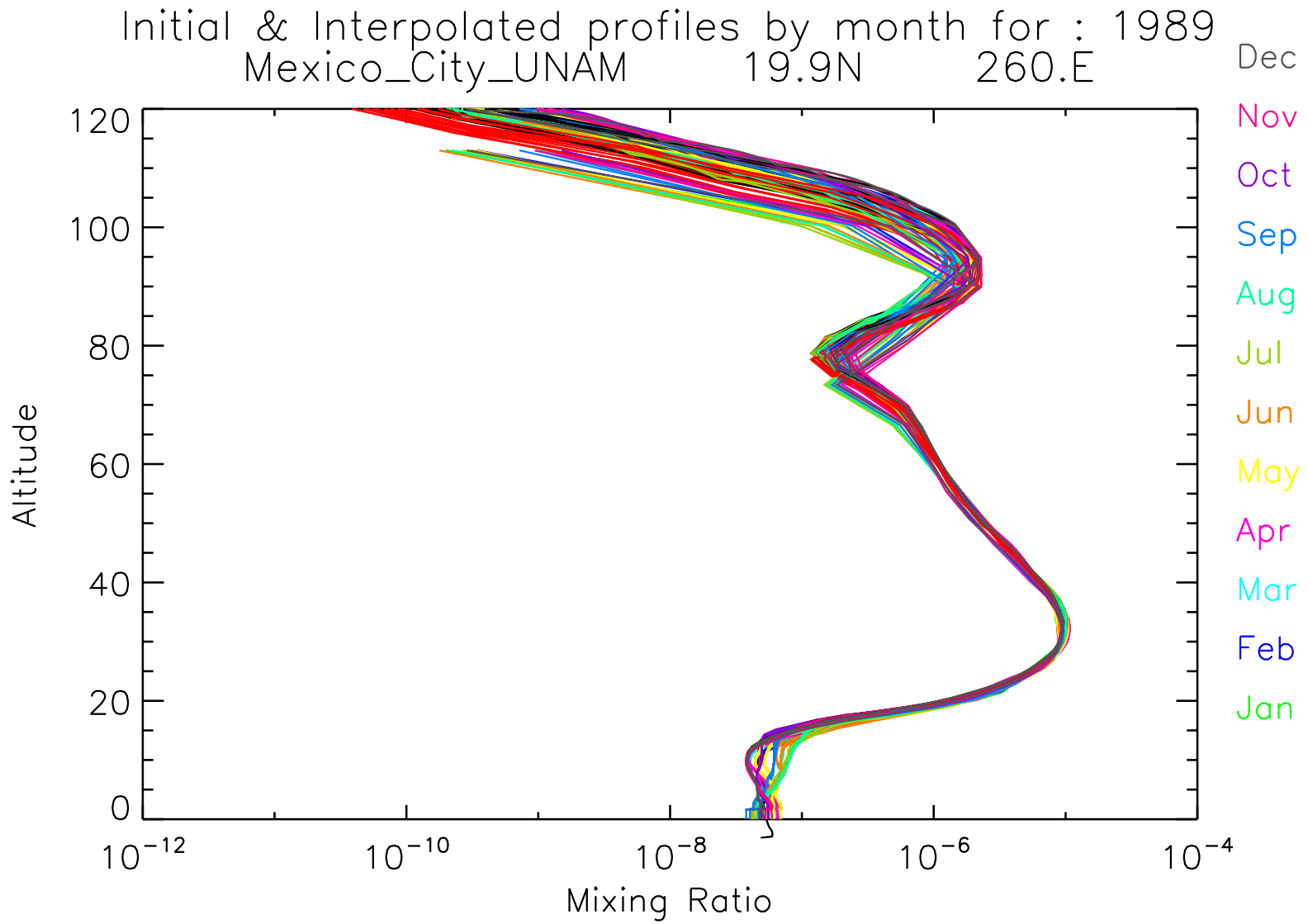
Initial & Interpolated profiles by month for : 1989
Mexico_City_UNAM 19.9N 260.E
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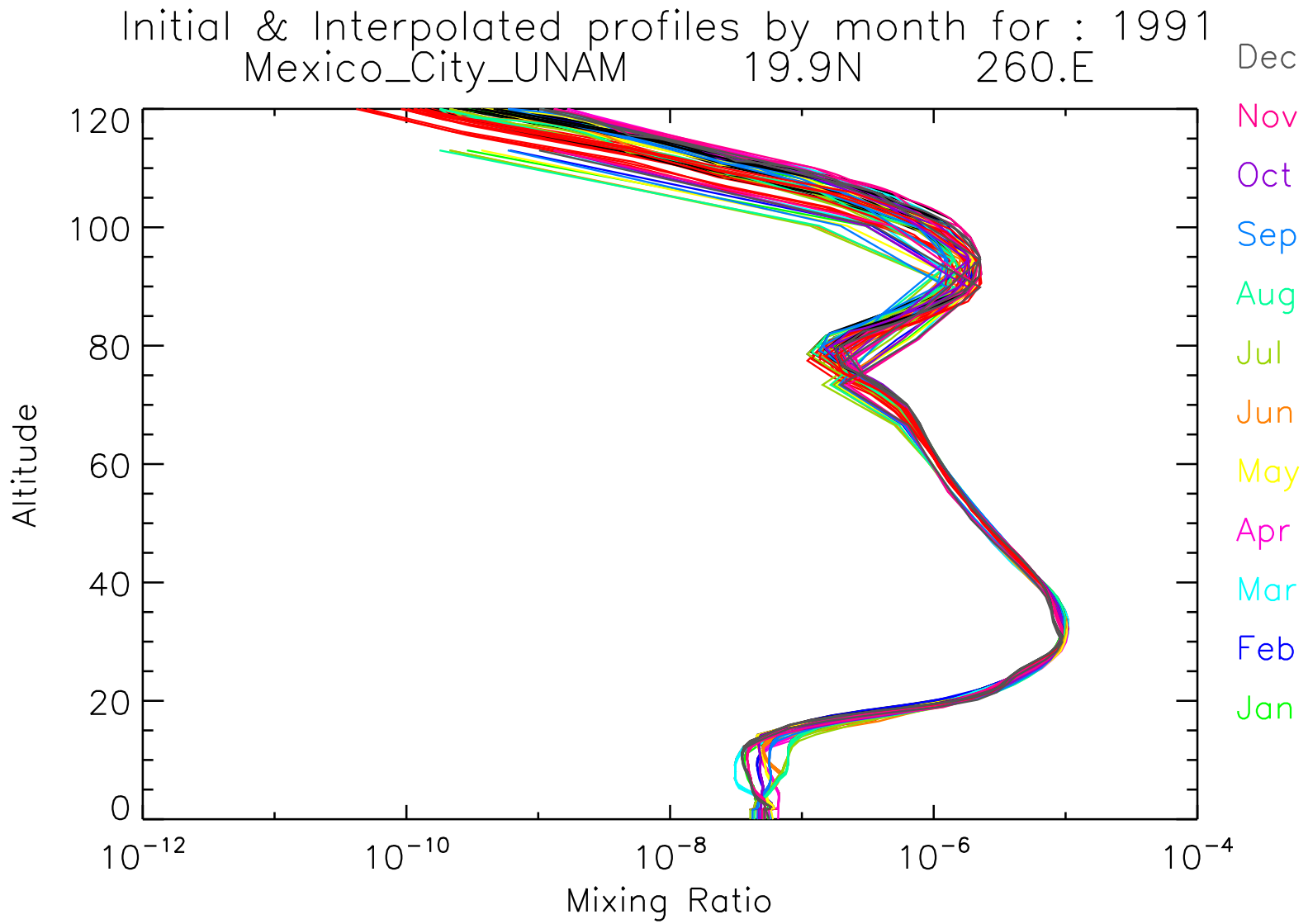
Mixing Ratio


Initial & Interpolated profiles by month for : 1991
Mexico_City_UNAM 19.9N 260.E
Dec
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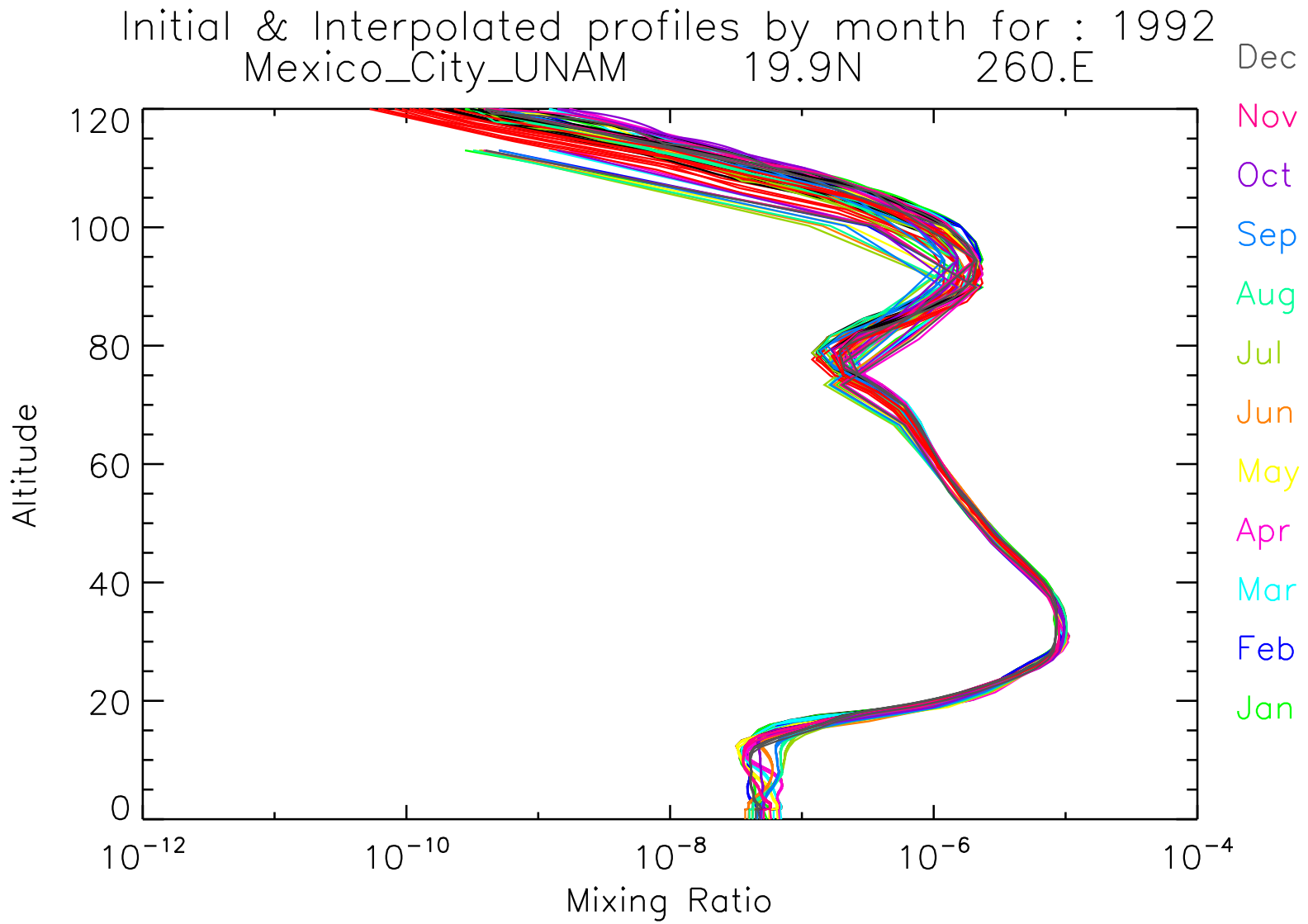
Mixing Ratio


Initial & Interpolated profiles by month for : 1992
Mexico_City_UNAM 19.9N 260.E
Altitude
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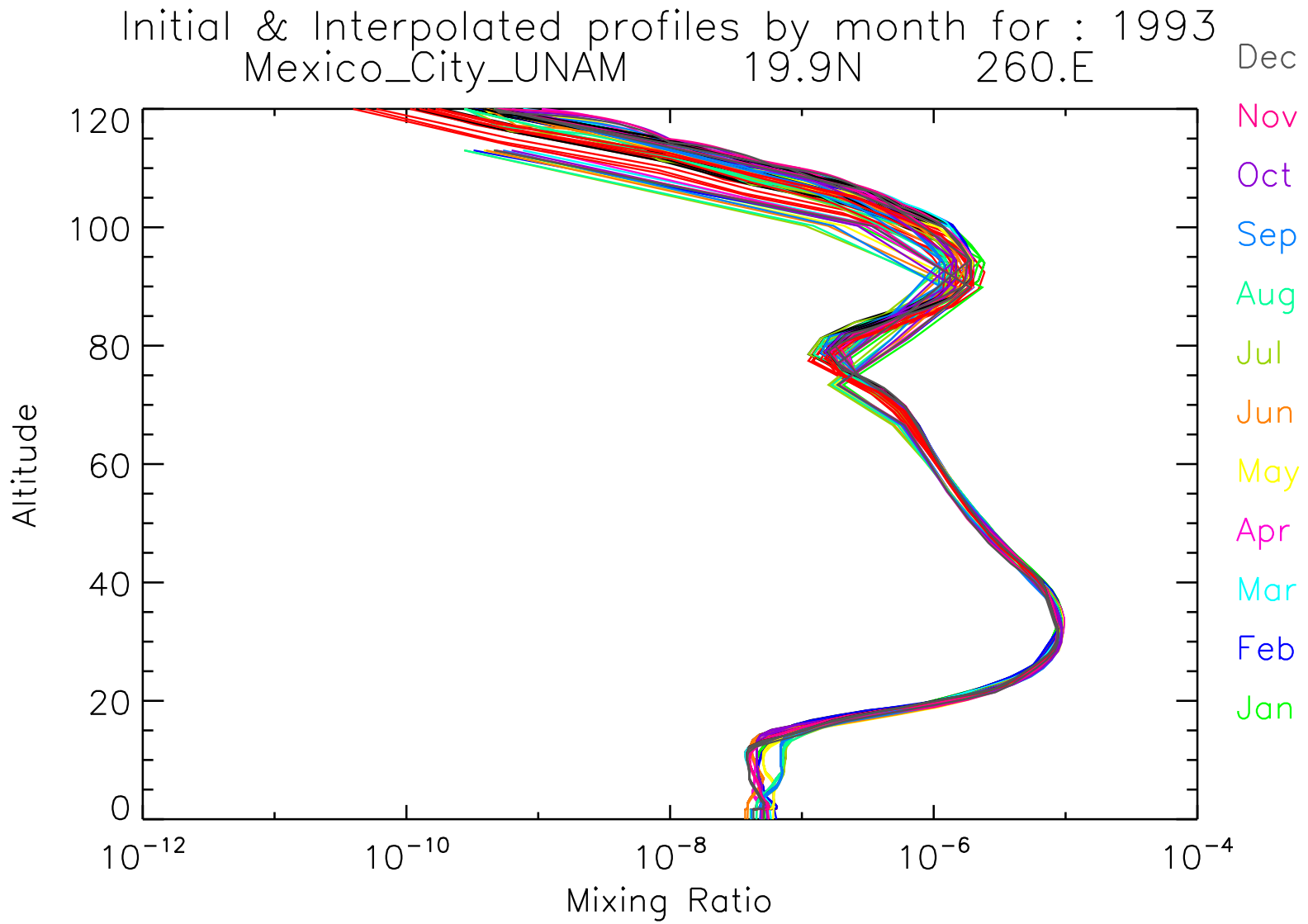
Initial & Interpolated profiles by month for : 1993
Mexico_City_UNAM 19.9N 260.E
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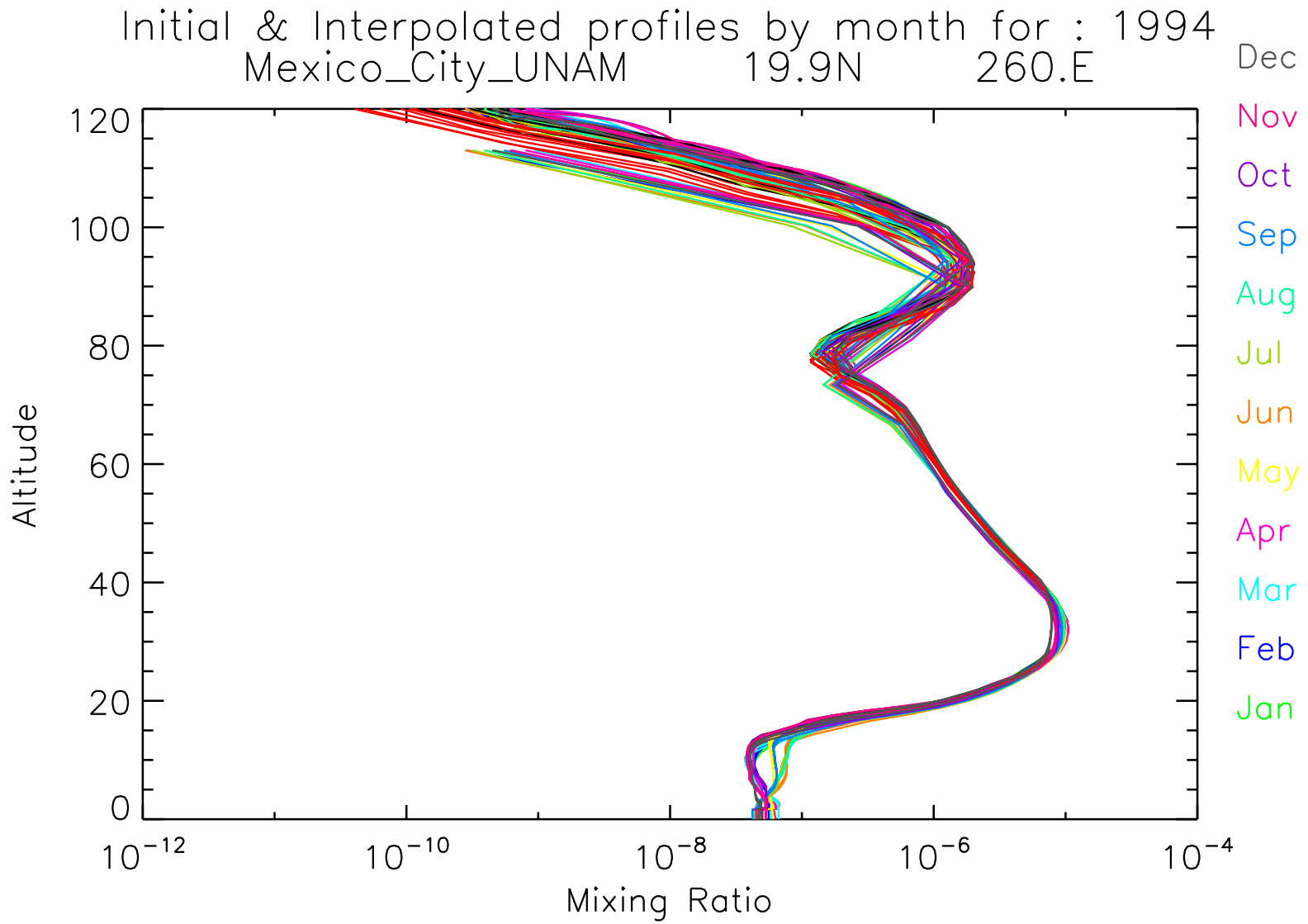
Initial & Interpolated profiles by month for : 1994
Mexico_City_UNAM 19.9N 260.E
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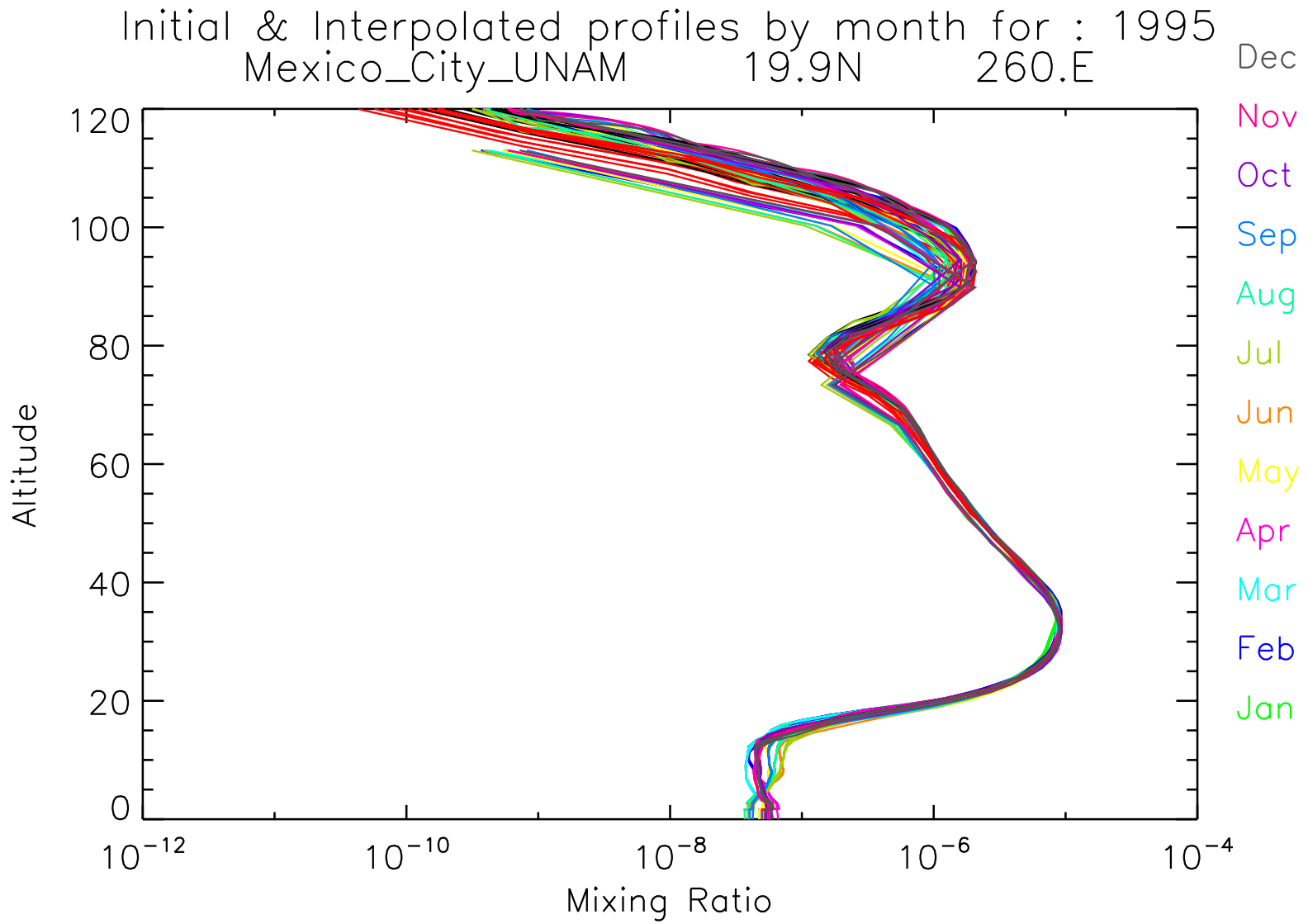
Initial & Interpolated profiles by month for : 1995
Mexico_City_UNAM 19.9N 260.E
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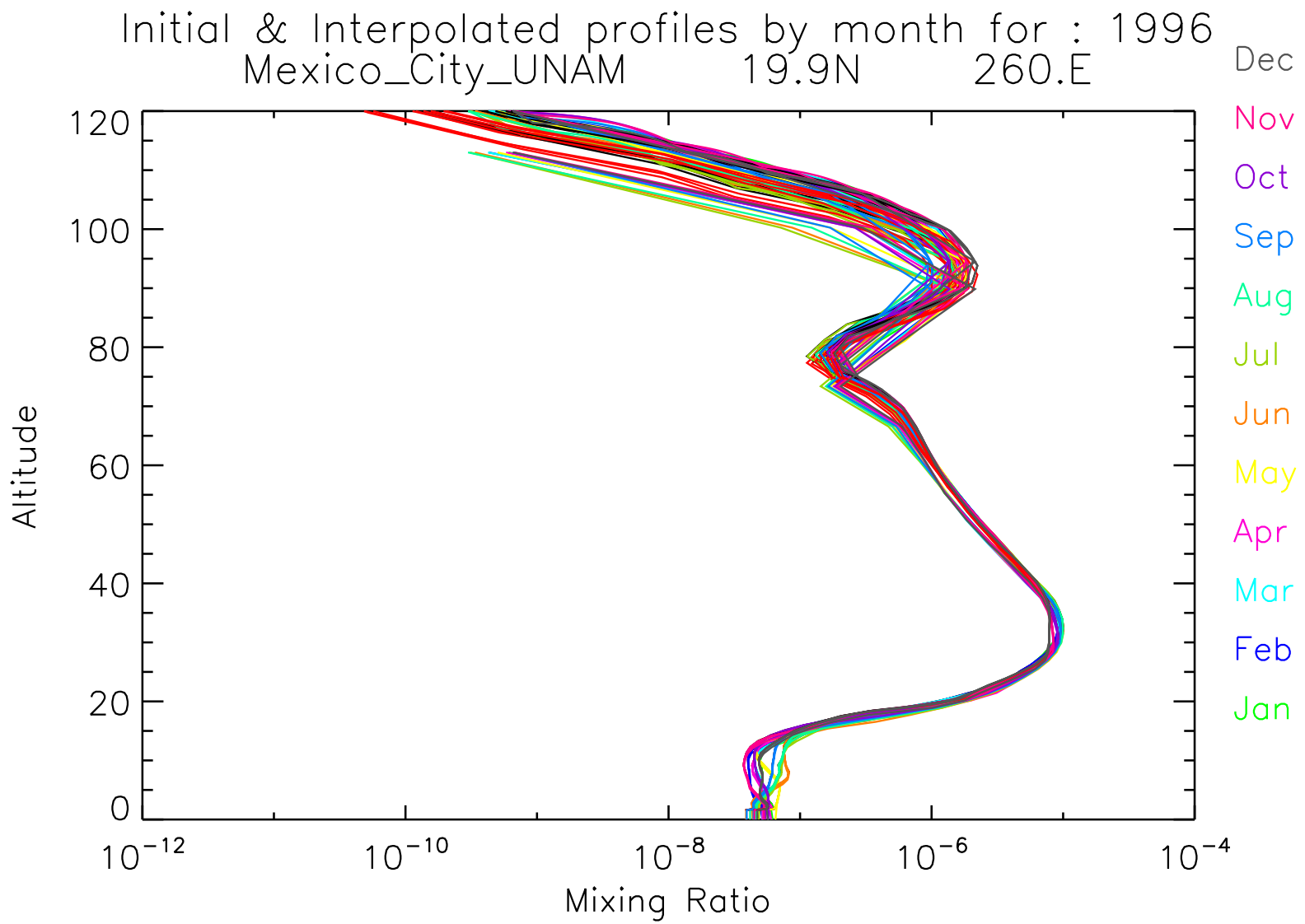
Initial & Interpolated profiles by month for : 1996
Mexico_City_UNAM 19.9N 260.E
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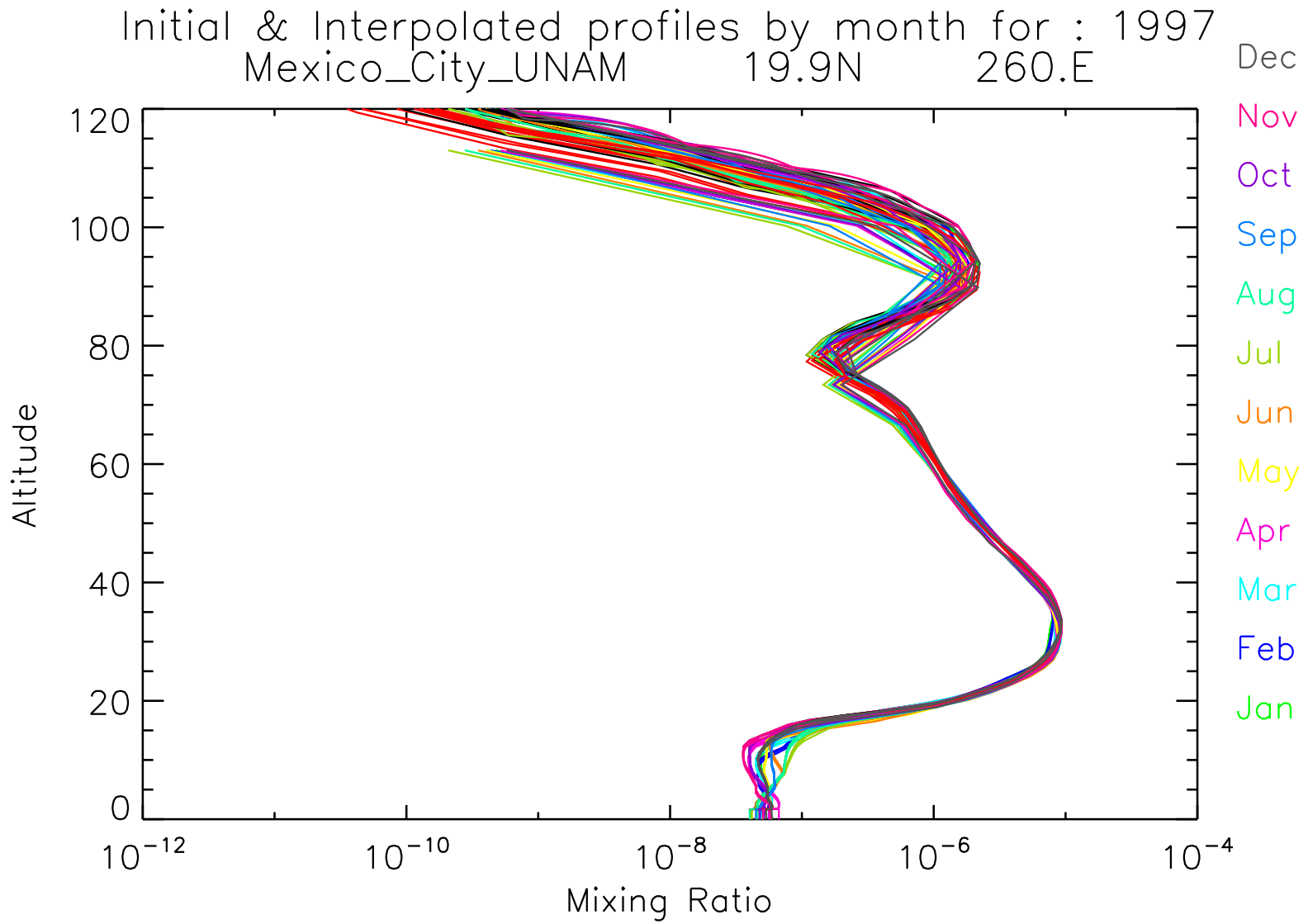
Initial & Interpolated profiles by month for : 1997
Mexico_City_UNAM 19.9N 260.E
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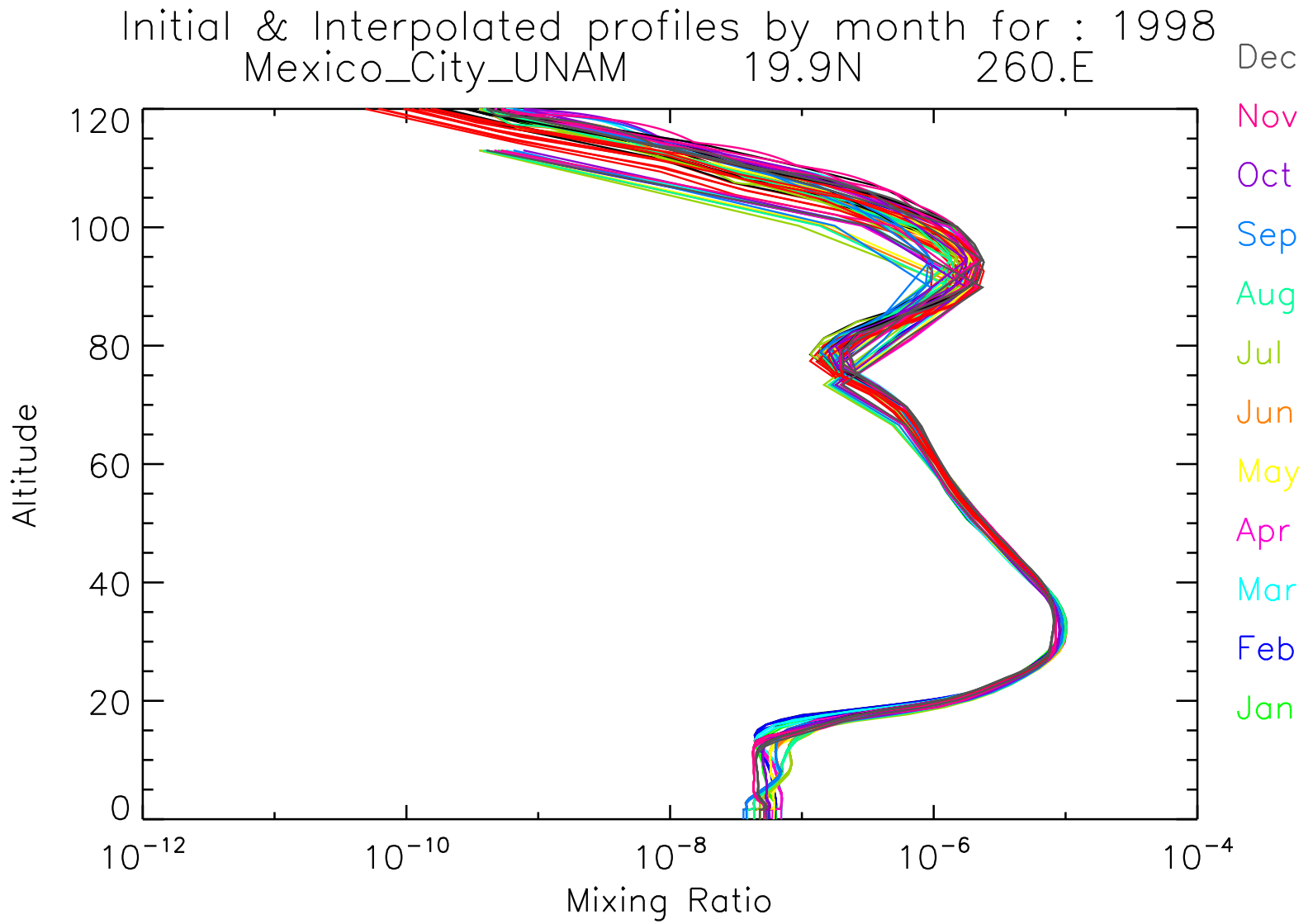
Initial & Interpolated profiles by month for : 1998
Mexico_City_UNAM 19.9N 260.E
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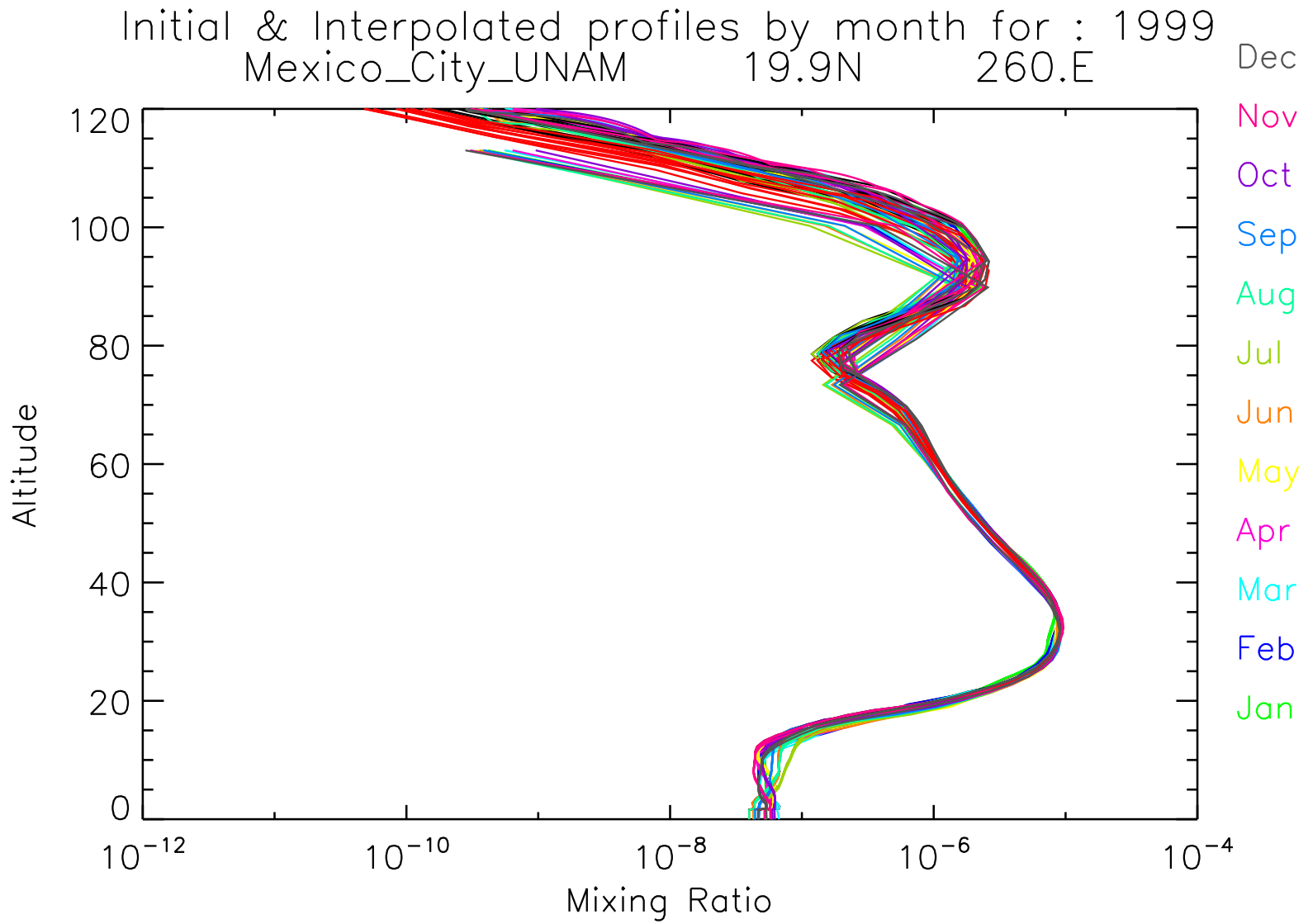
Initial & Interpolated profiles by month for : 1999
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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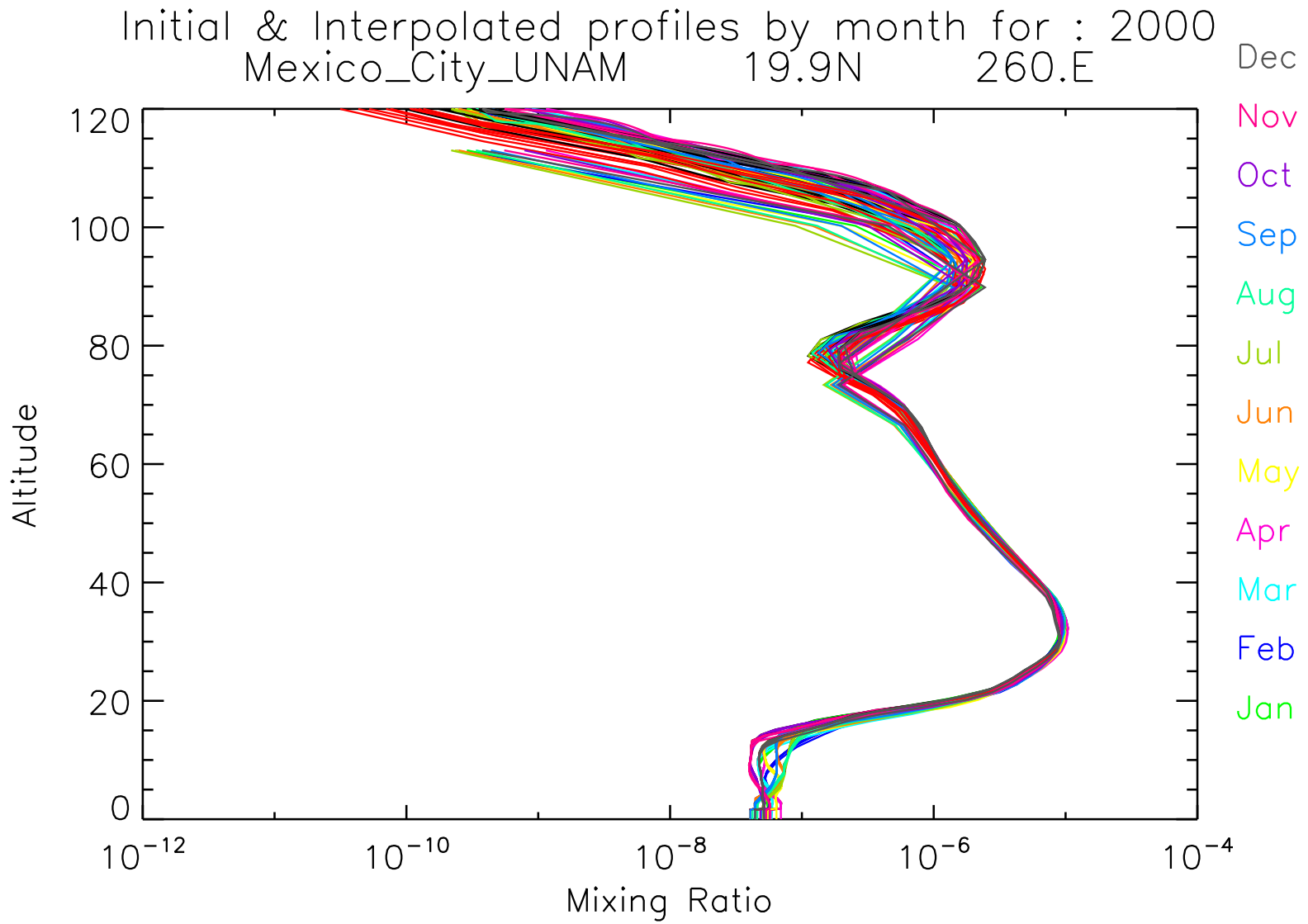
Initial & Interpolated profiles by month for : 2000
Mexico_City_UNAM 19.9N 260.E
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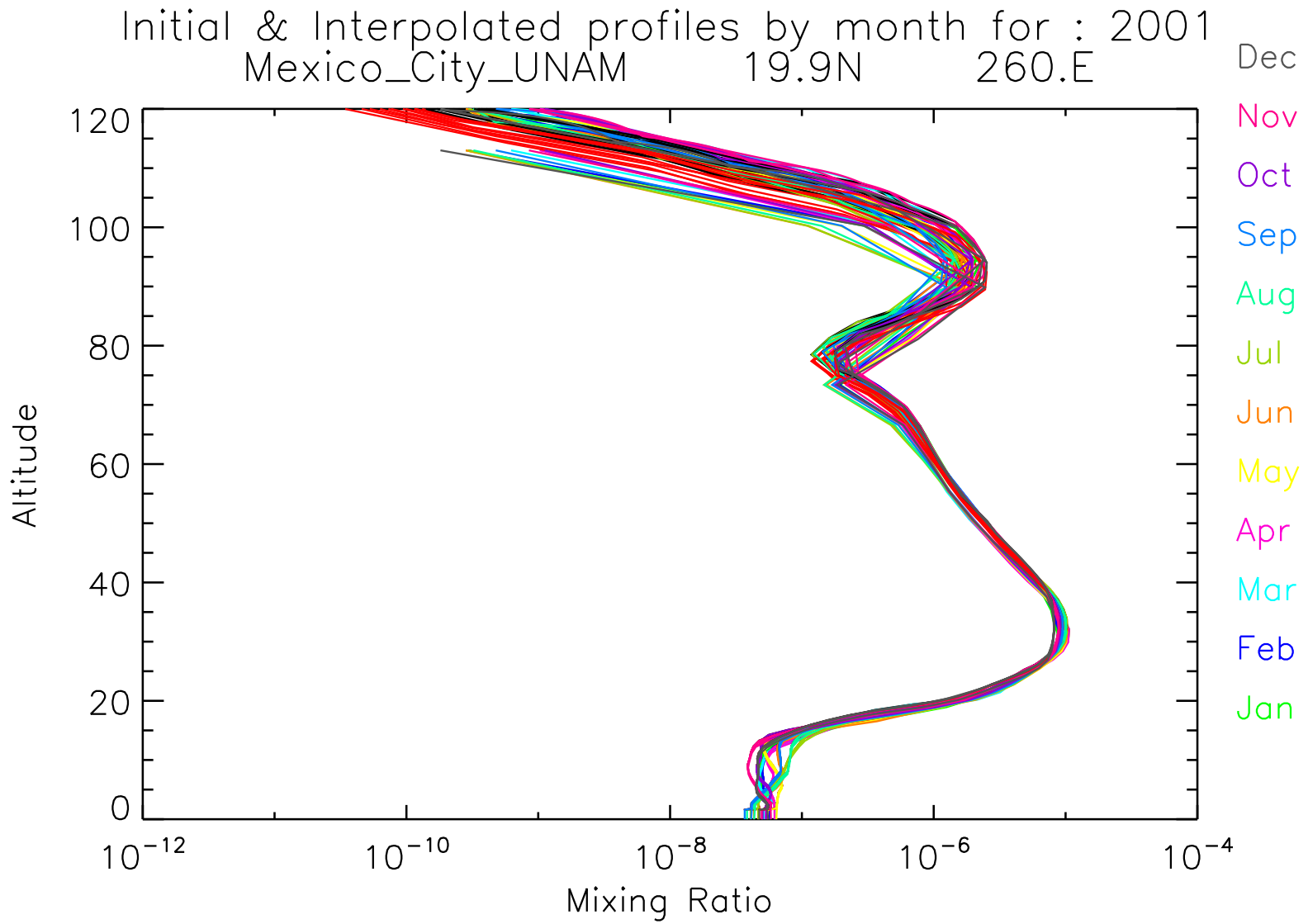
Mixing Ratio


Initial & Interpolated profiles by month for : 2001
Mexico_City_UNAM 19.9N 260.E
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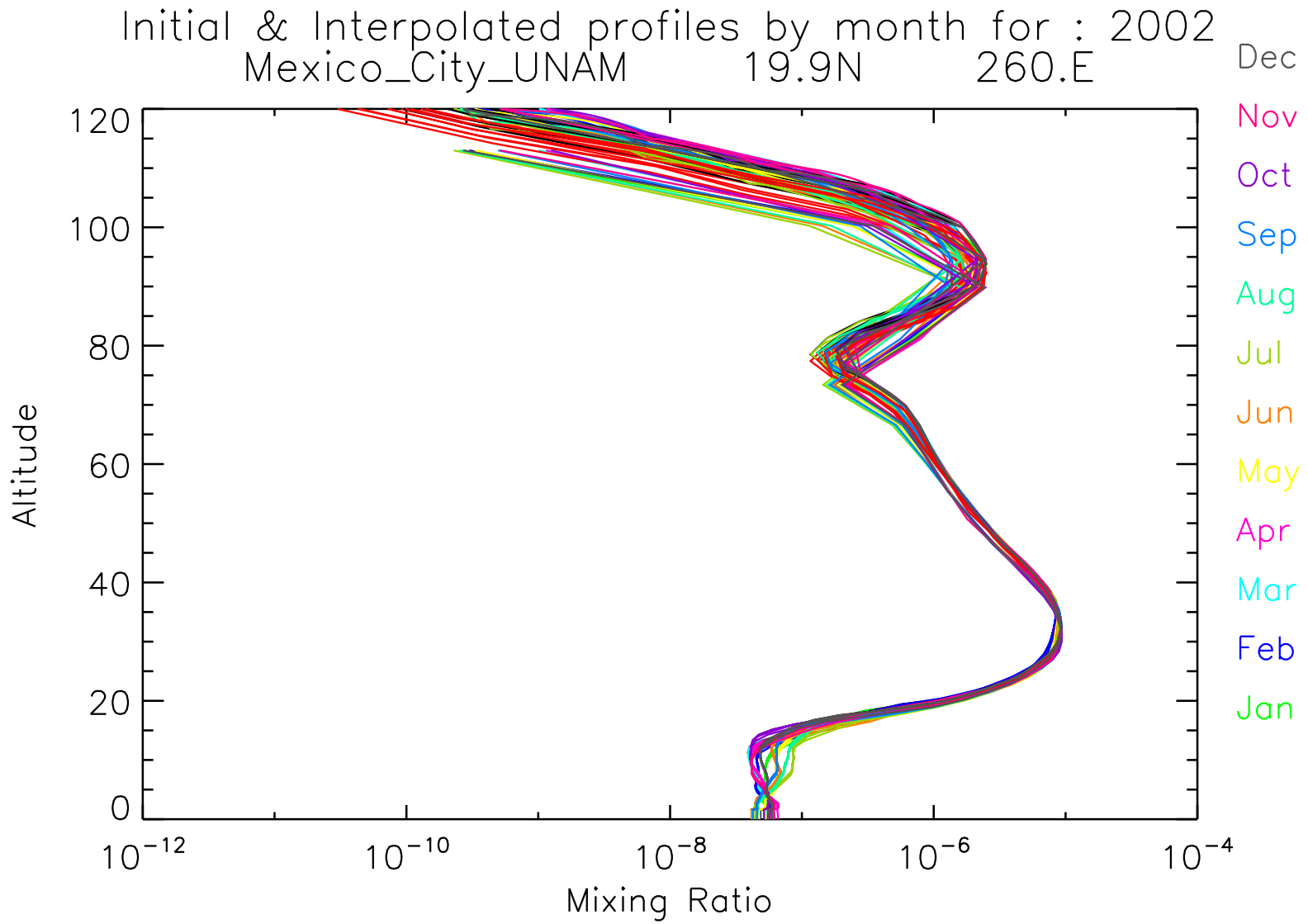
Mixing Ratio


Initial & Interpolated profiles by month for : 2002
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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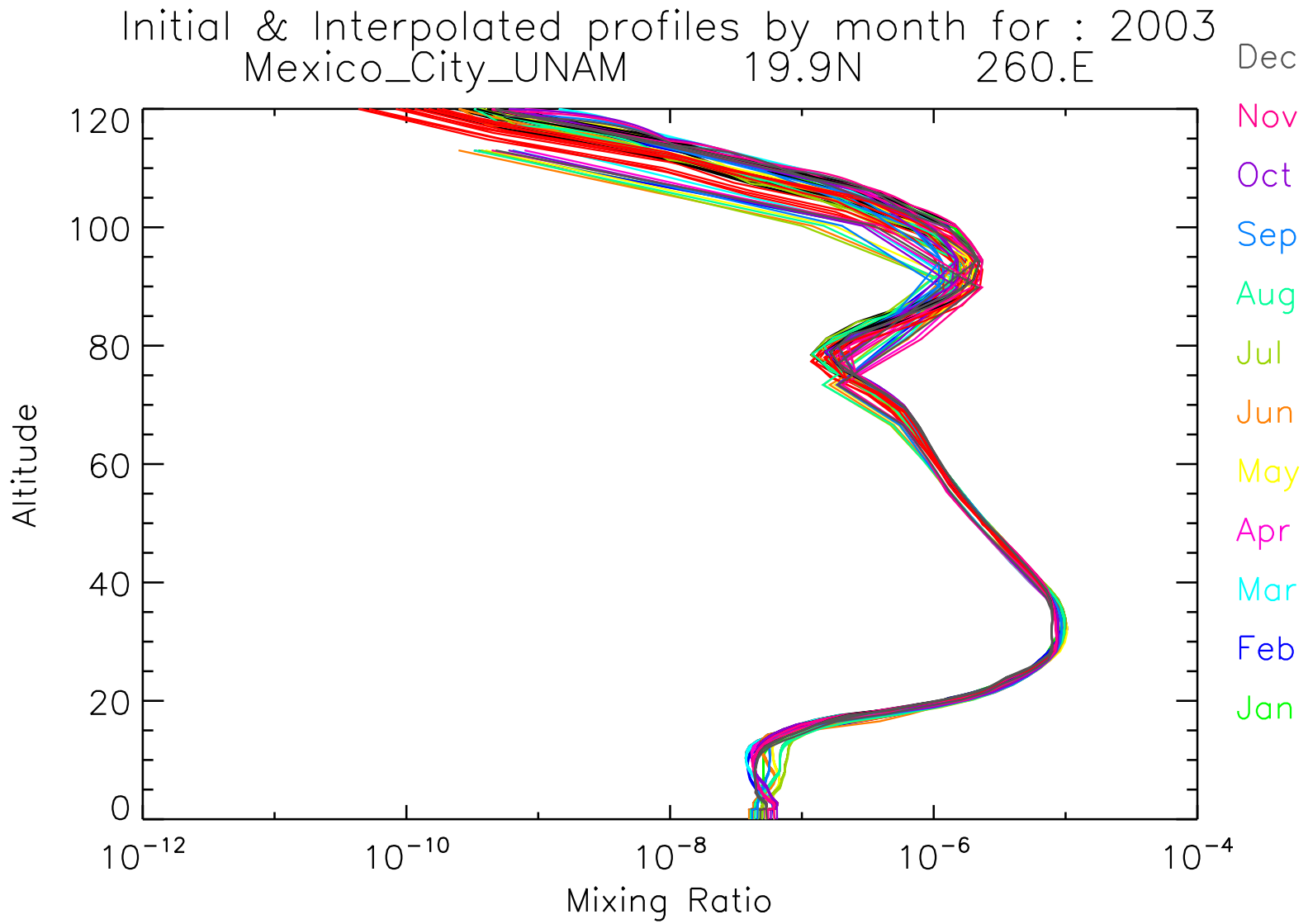
Initial & Interpolated profiles by month for : 2003
Mexico_City_UNAM 19.9N 260.E
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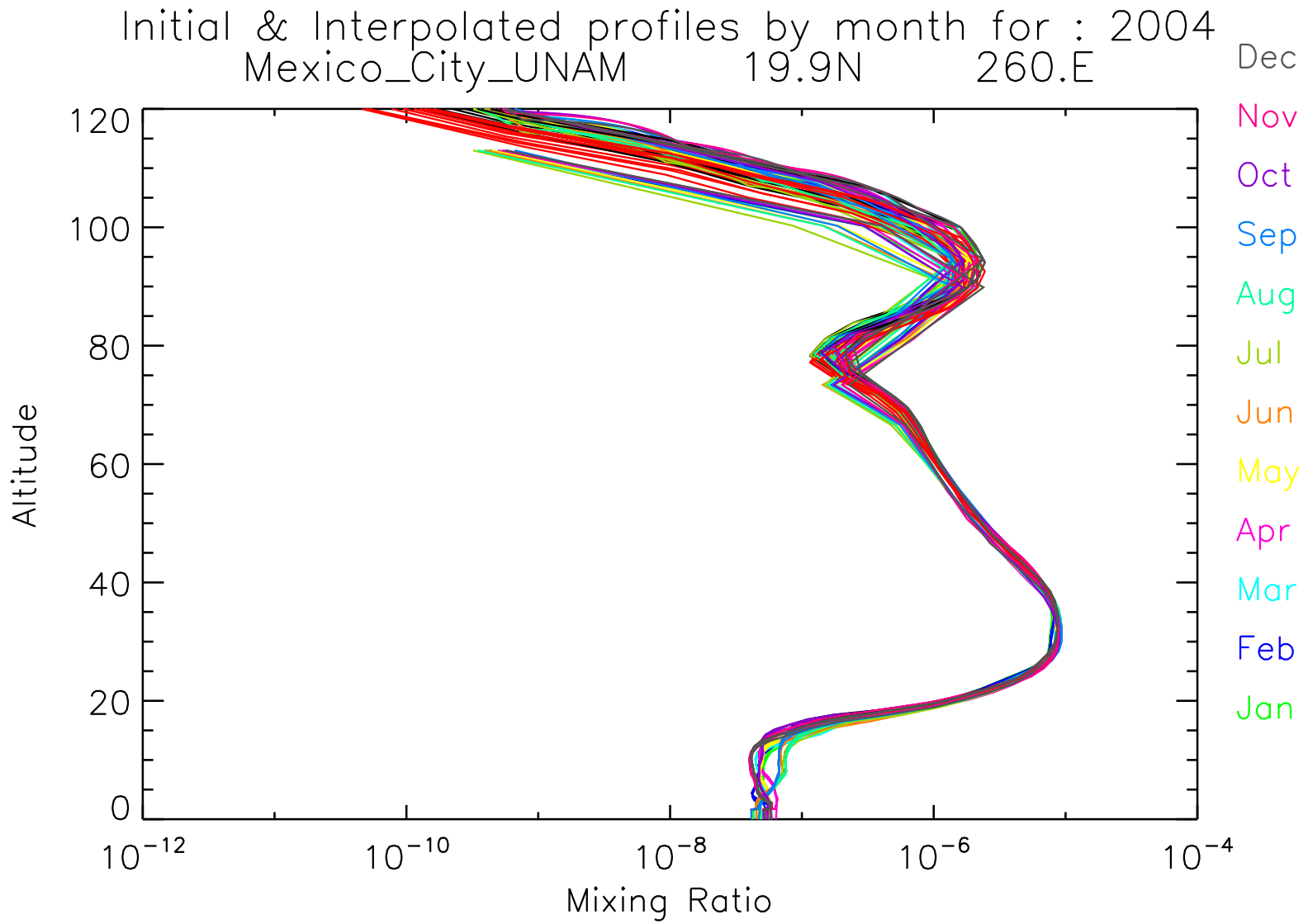
Mixing Ratio


Initial & Interpolated profiles by month for : 2004
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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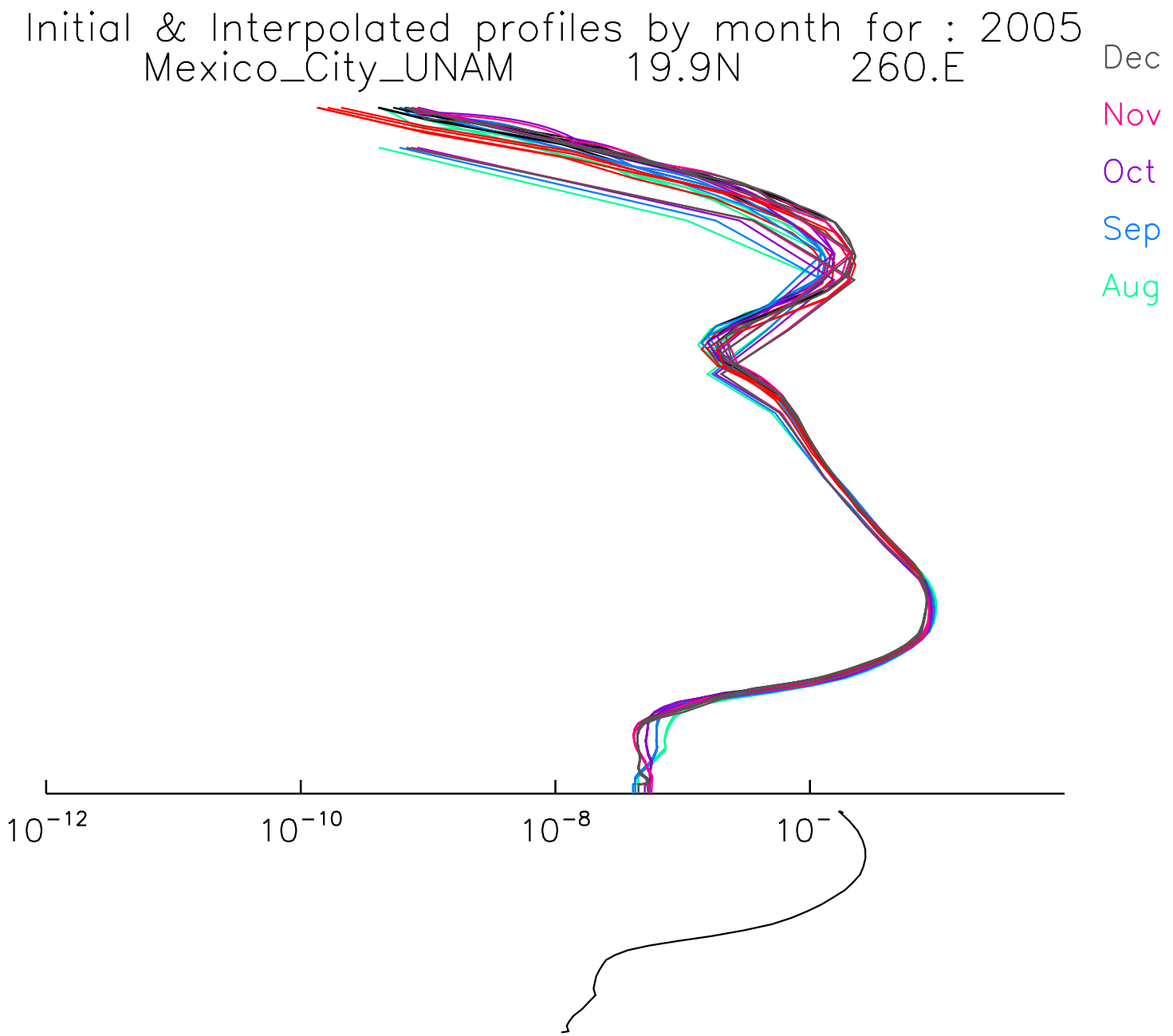
Initial & Interpolated profiles by month for : 2005
Mexico_City_UNAM 19.9N 260.E
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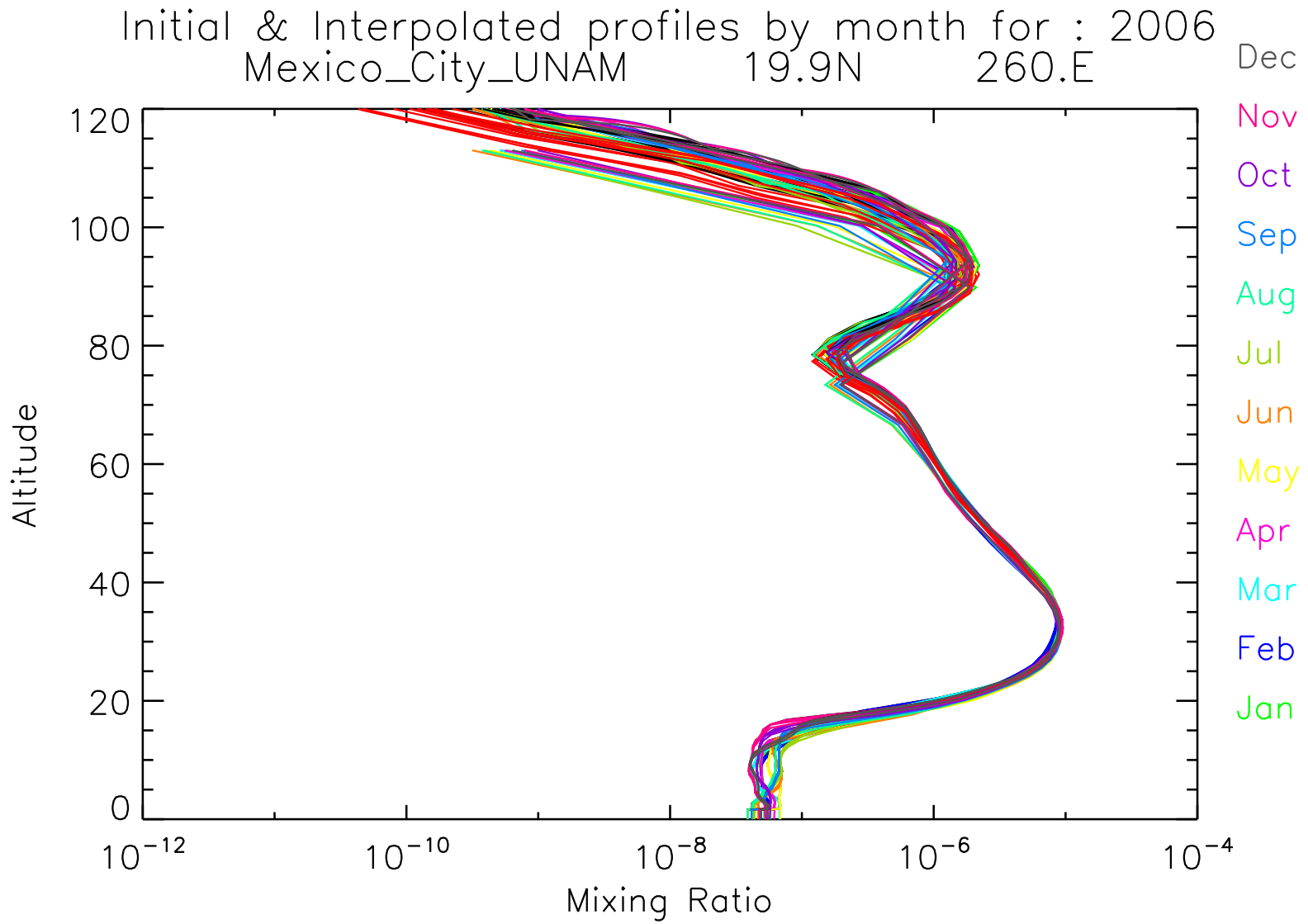
Initial & Interpolated profiles by month for : 2006
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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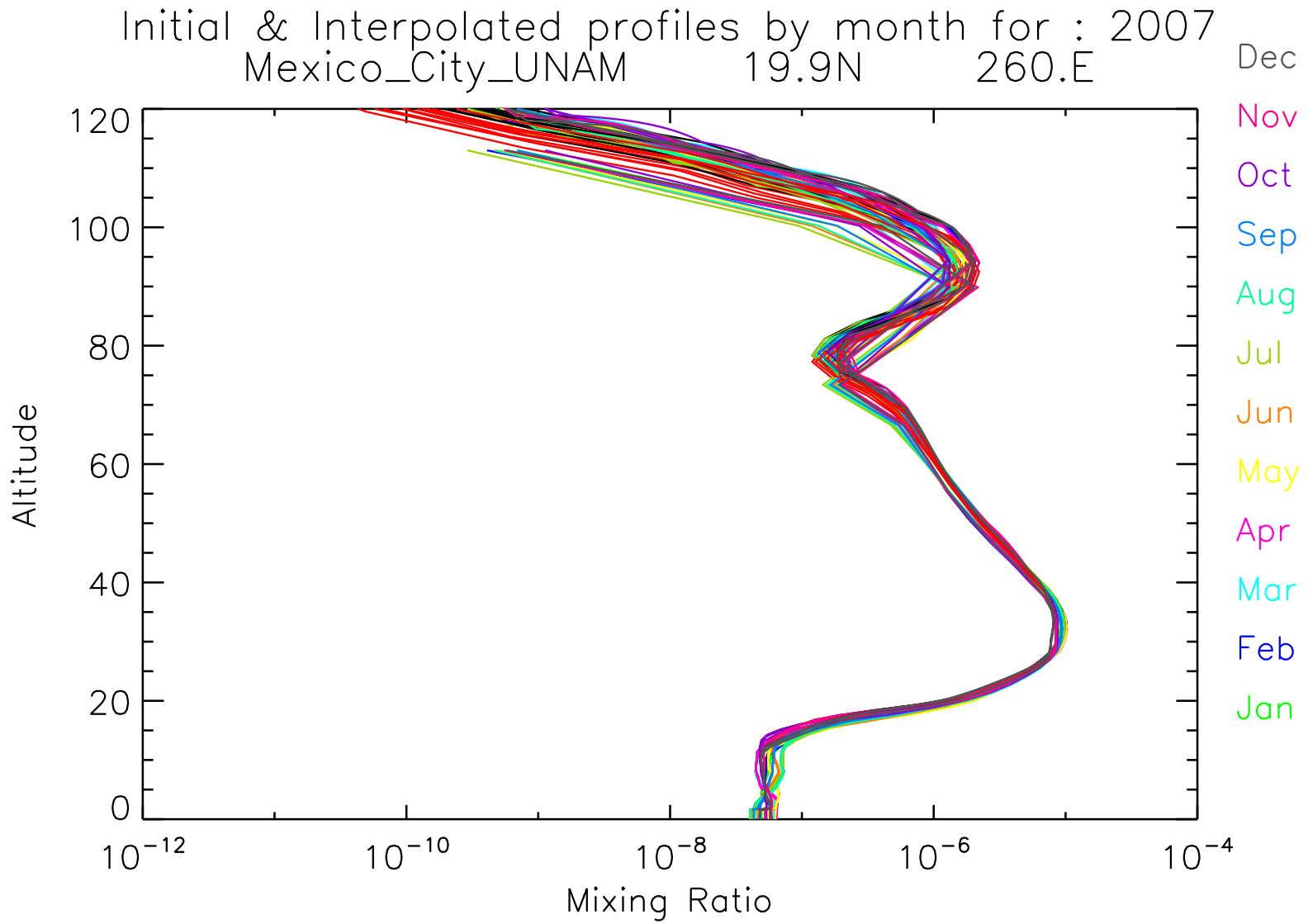
Initial & Interpolated profiles by month for : 2007
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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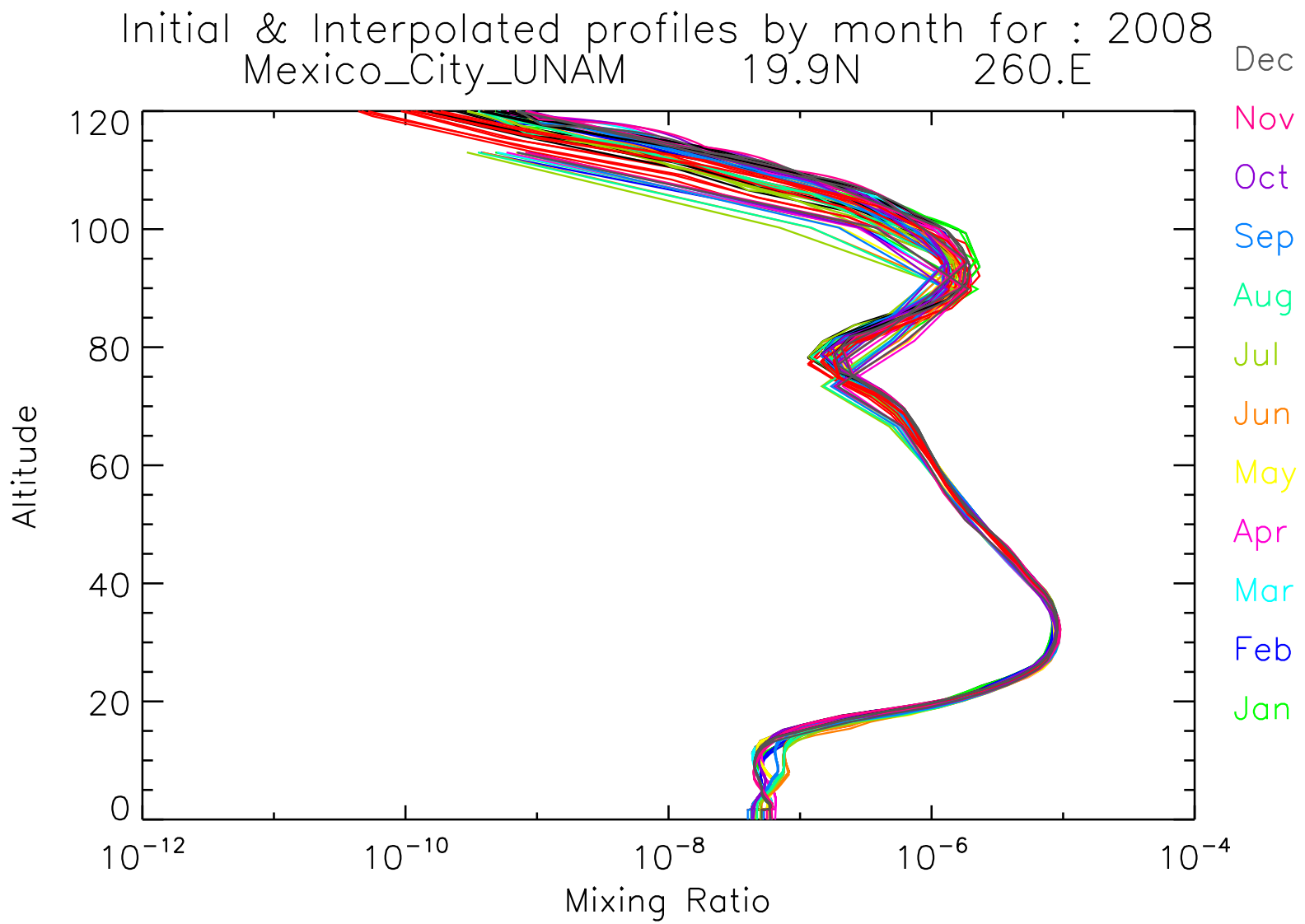
Initial & Interpolated profiles by month for : 2008
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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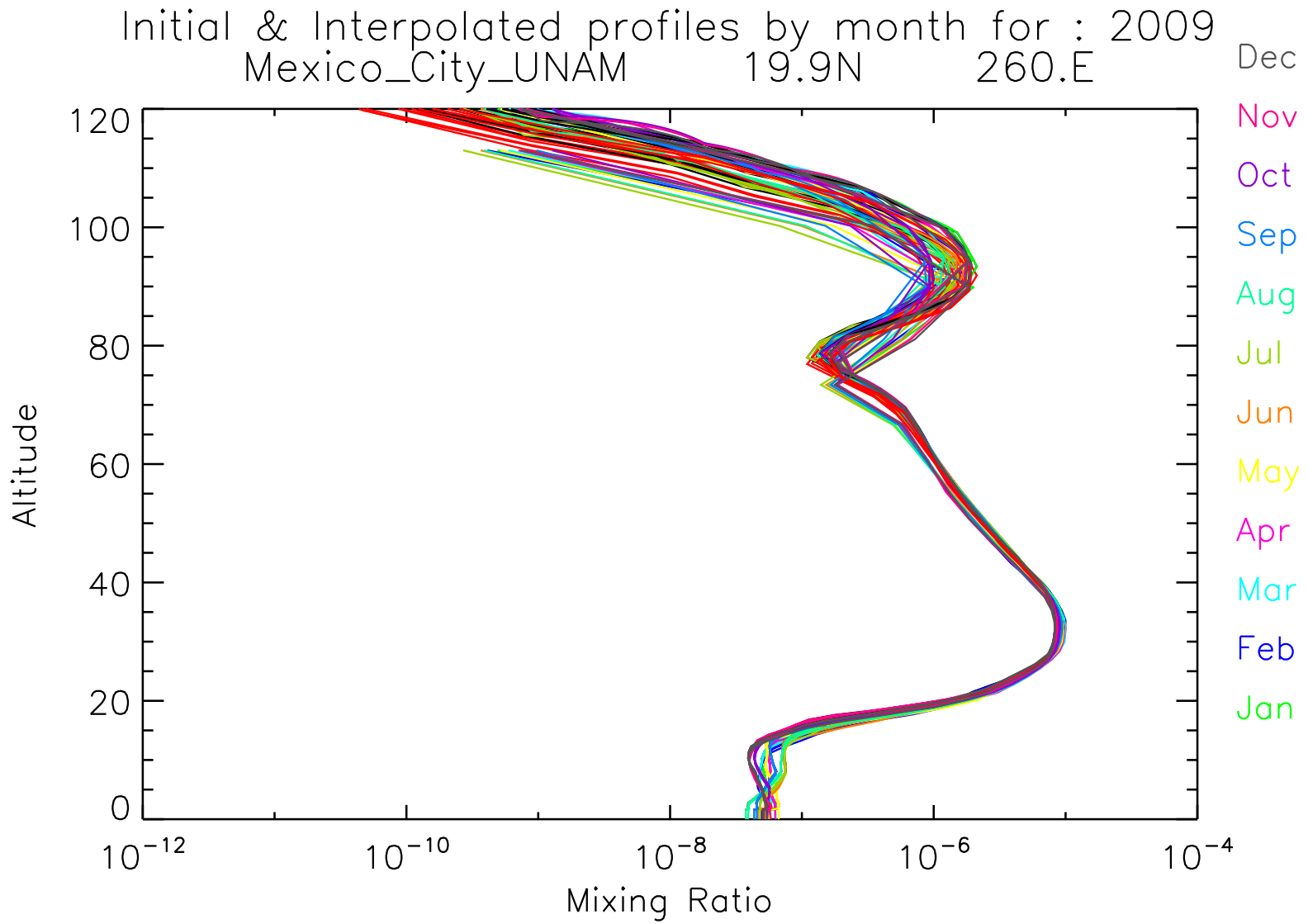
Initial & Interpolated profiles by month for : 2009
Mexico_City_UNAM 19.9N 260.E
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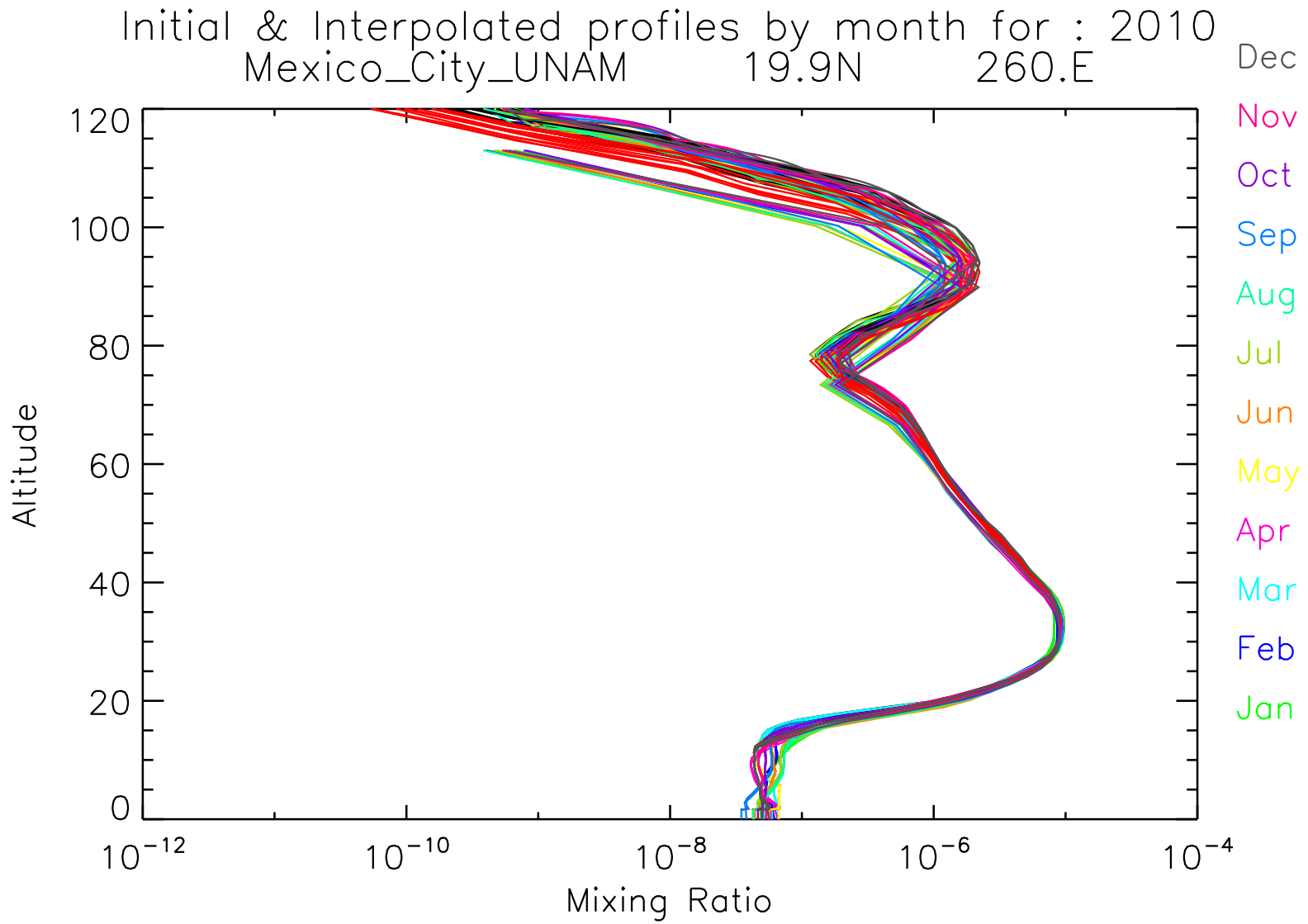
Mixing Ratio


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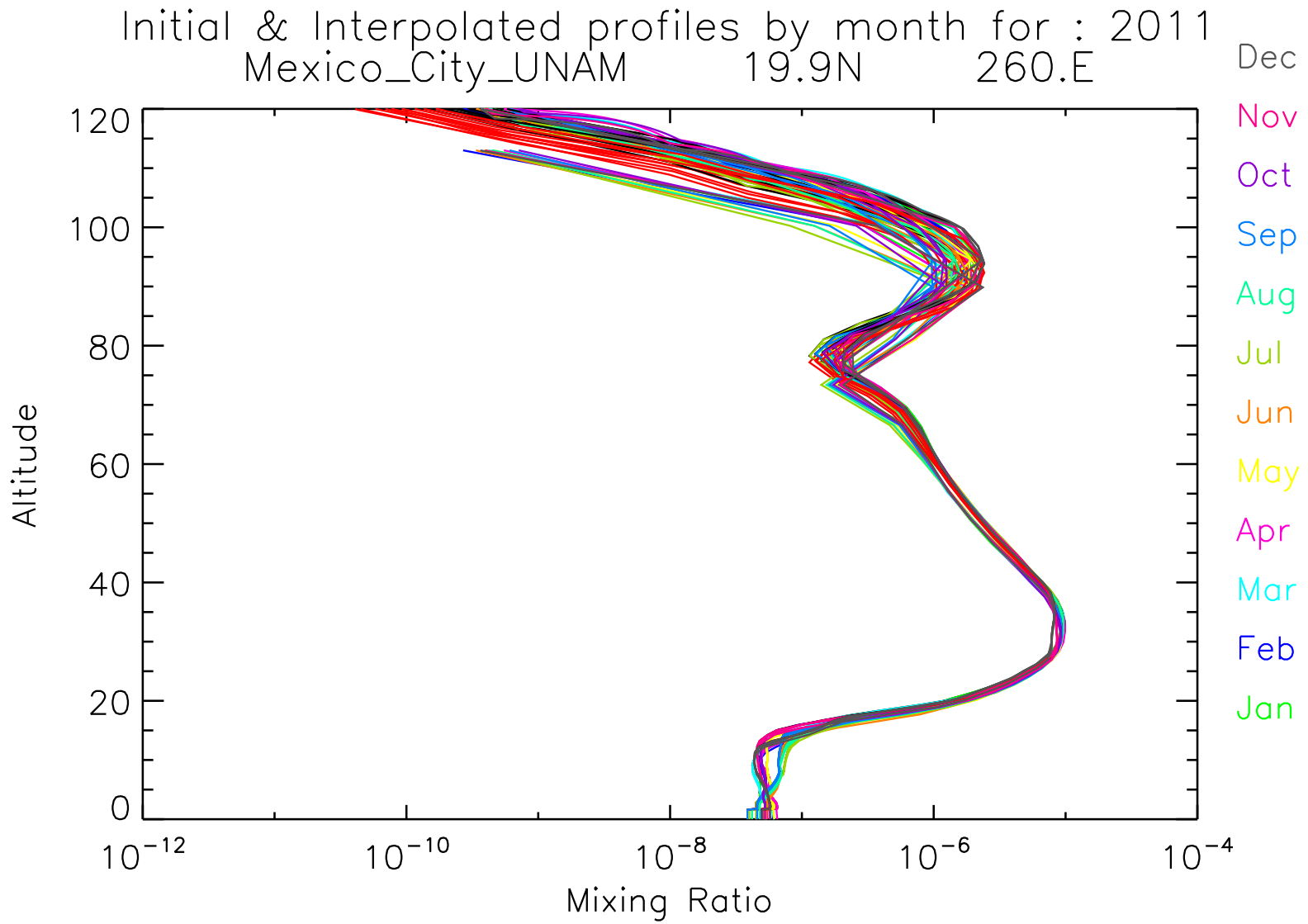
Mixing Ratio


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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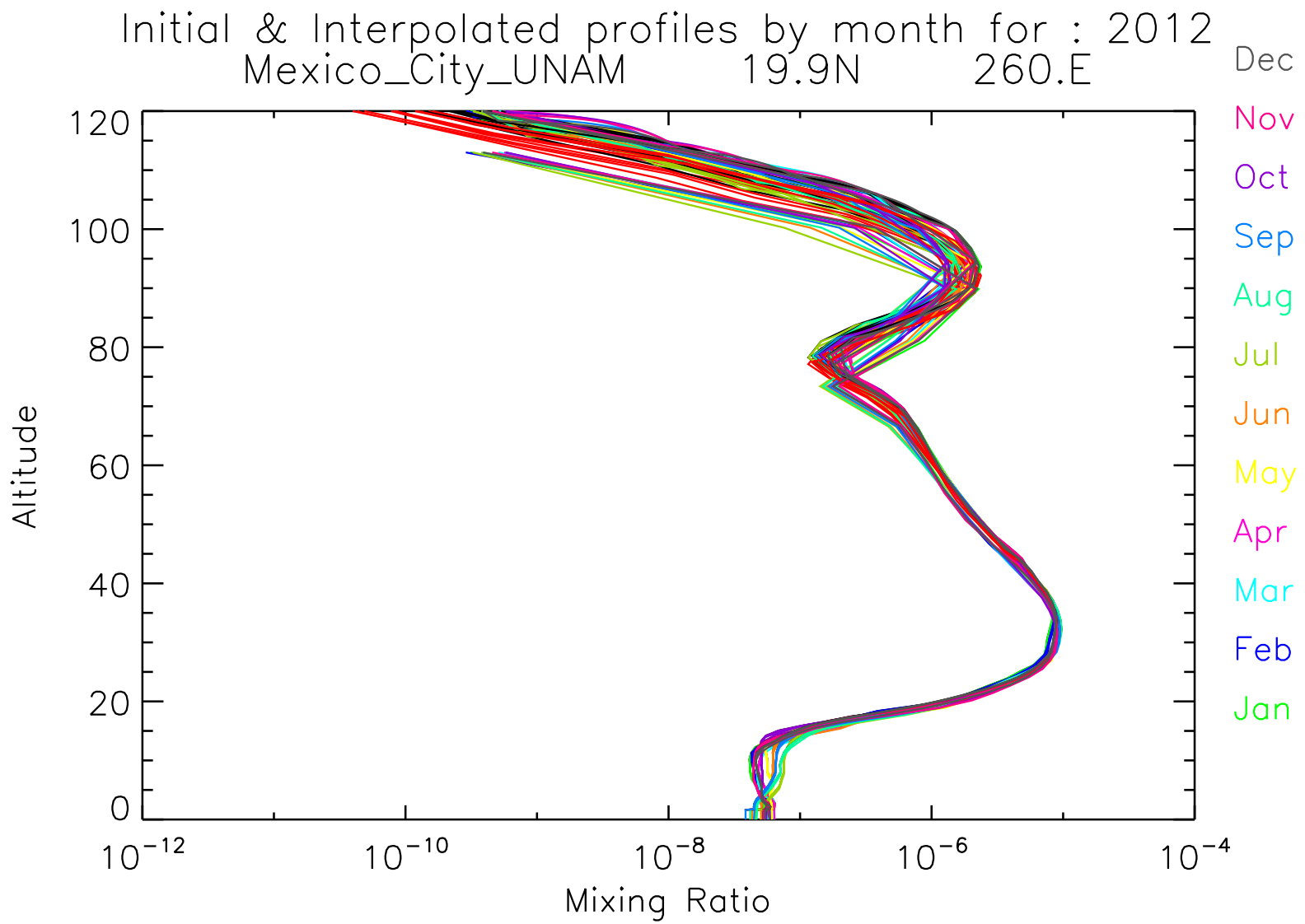
Initial & Interpolated profiles by month for : 2012
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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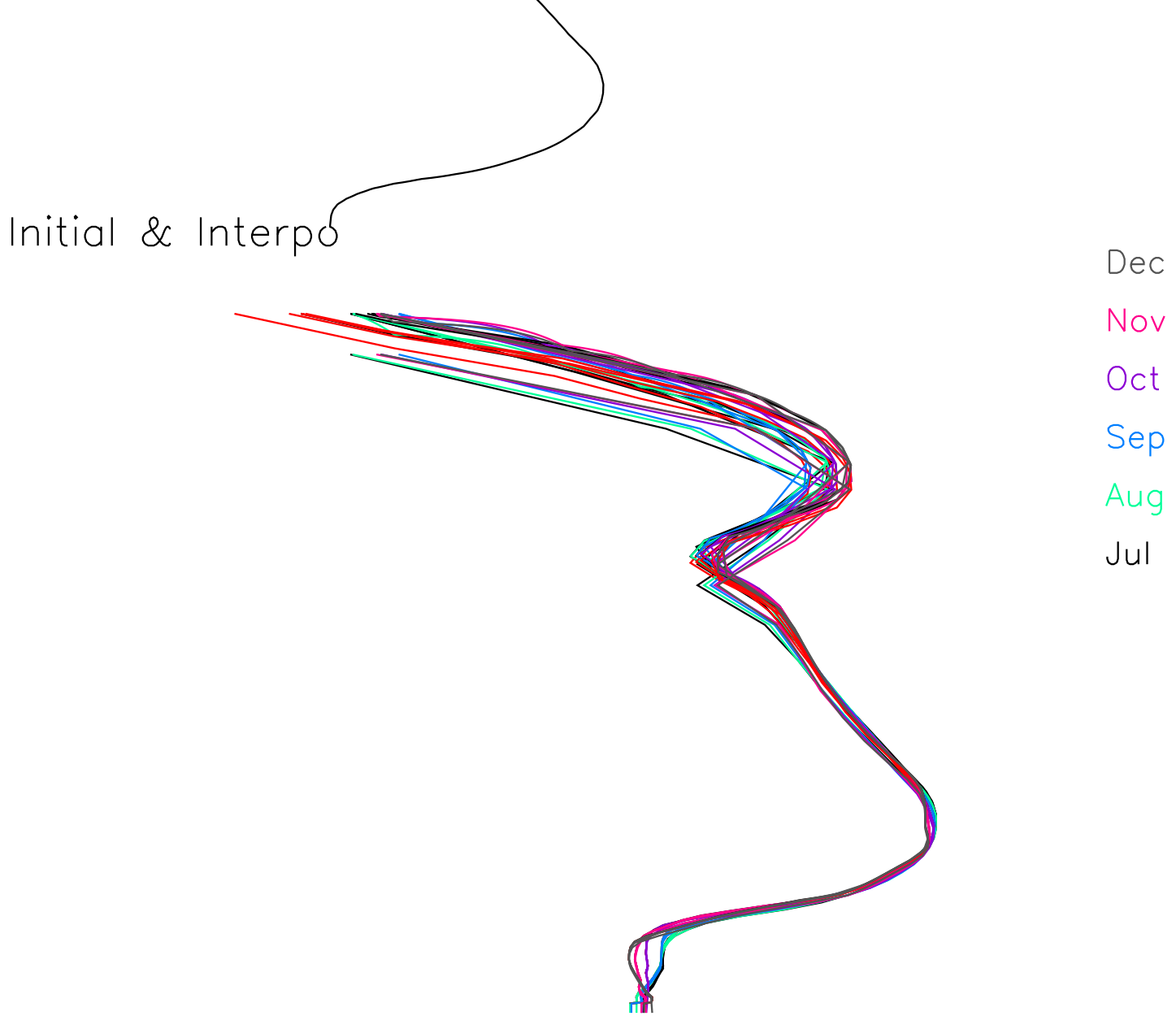
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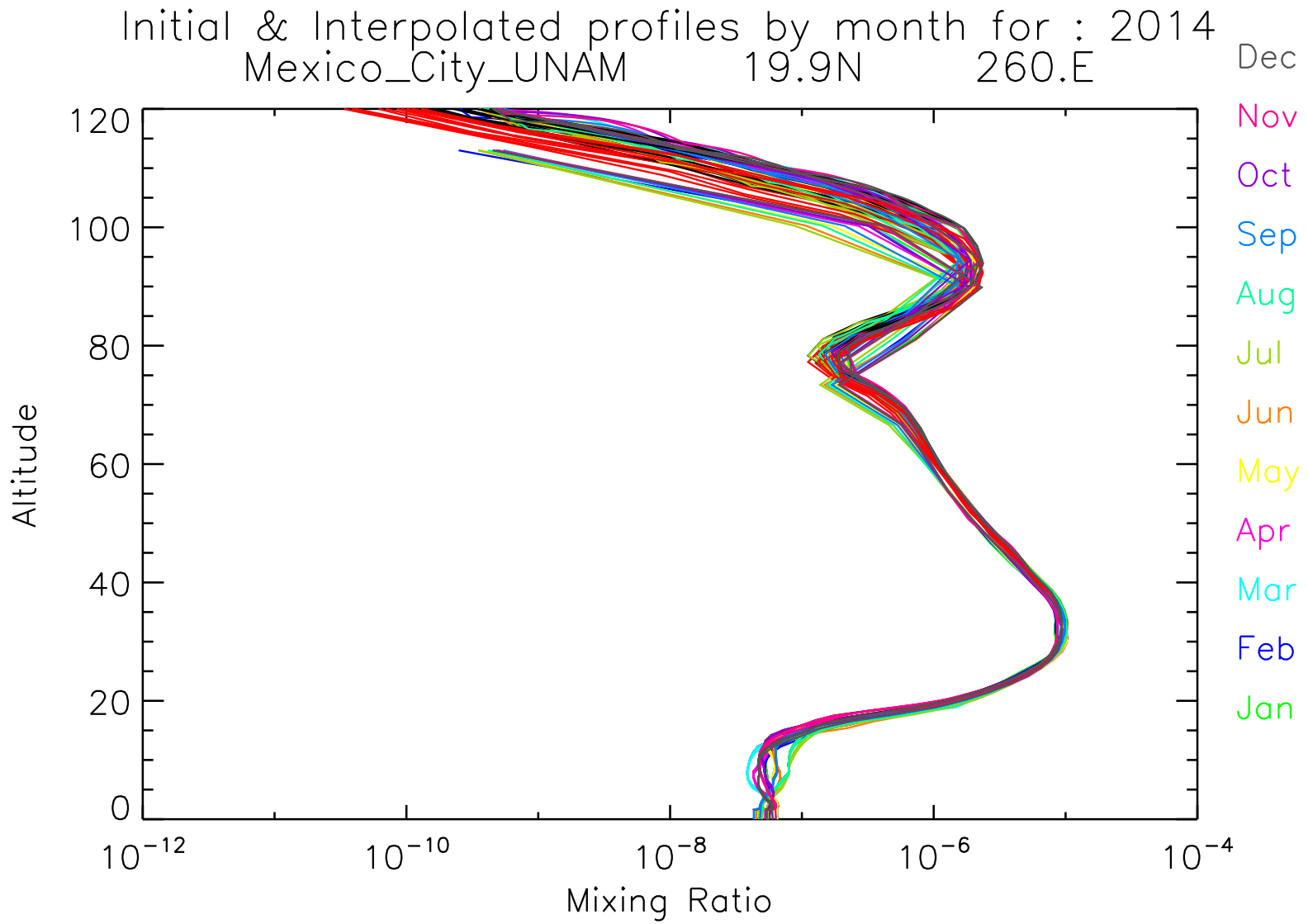
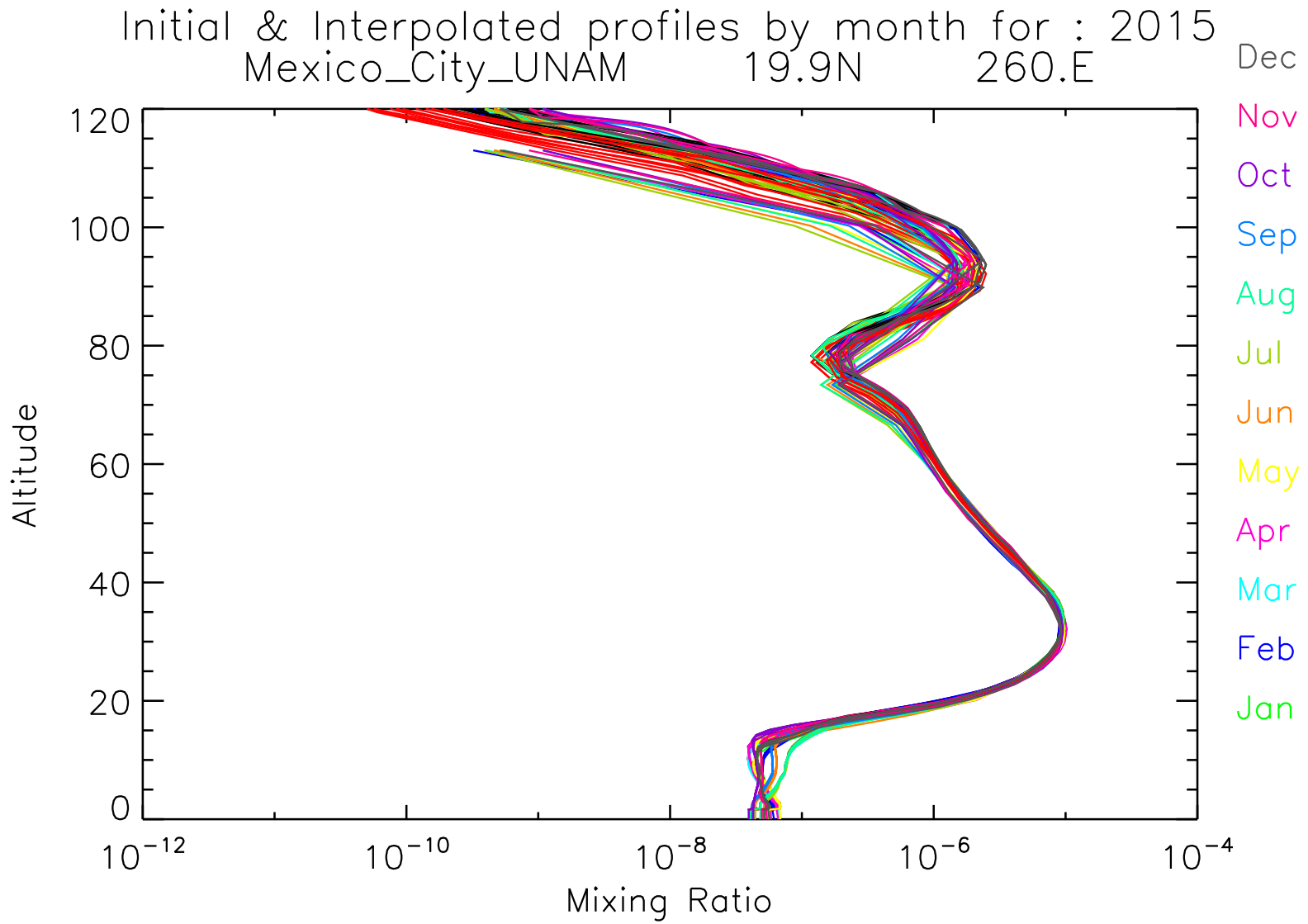
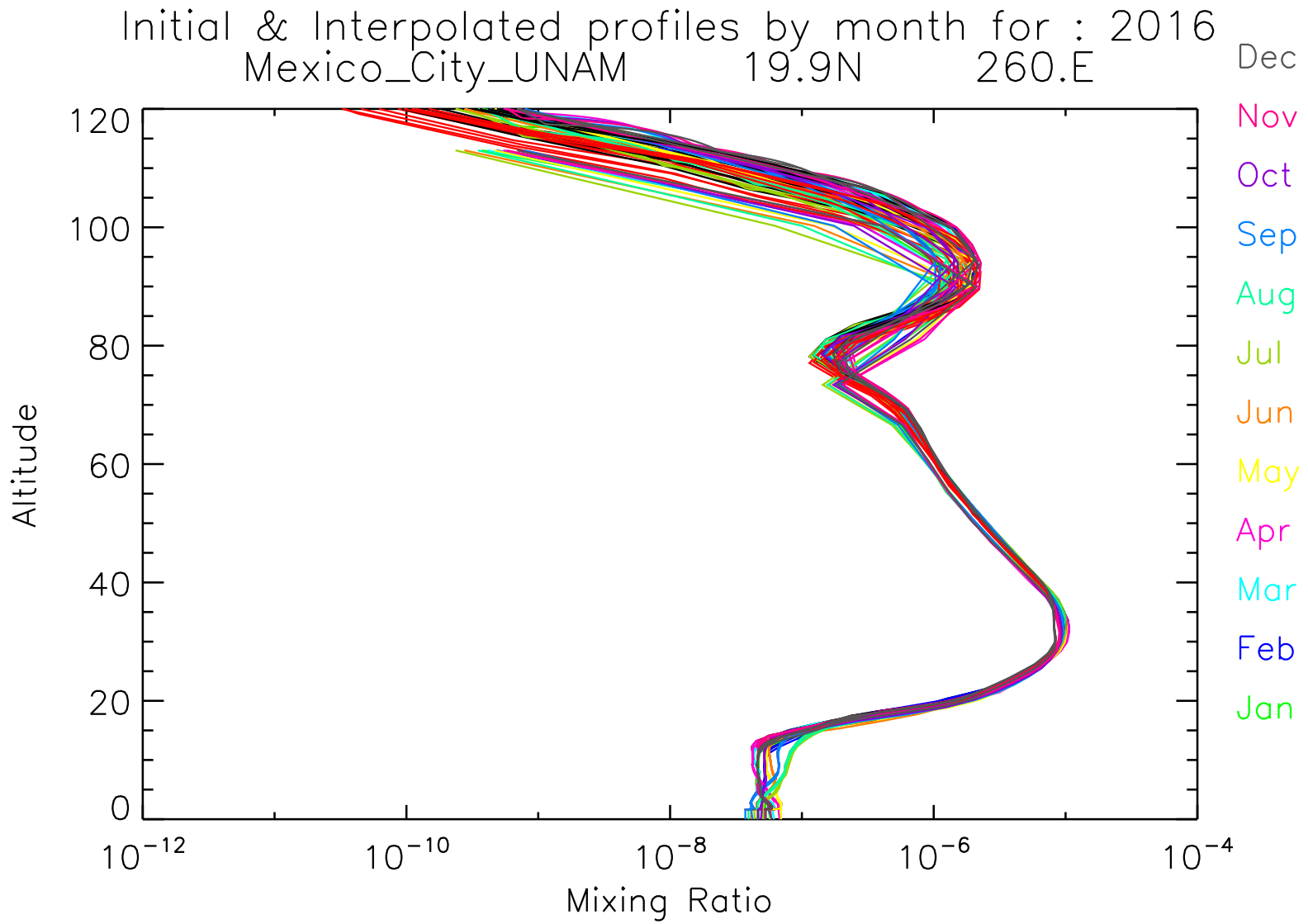
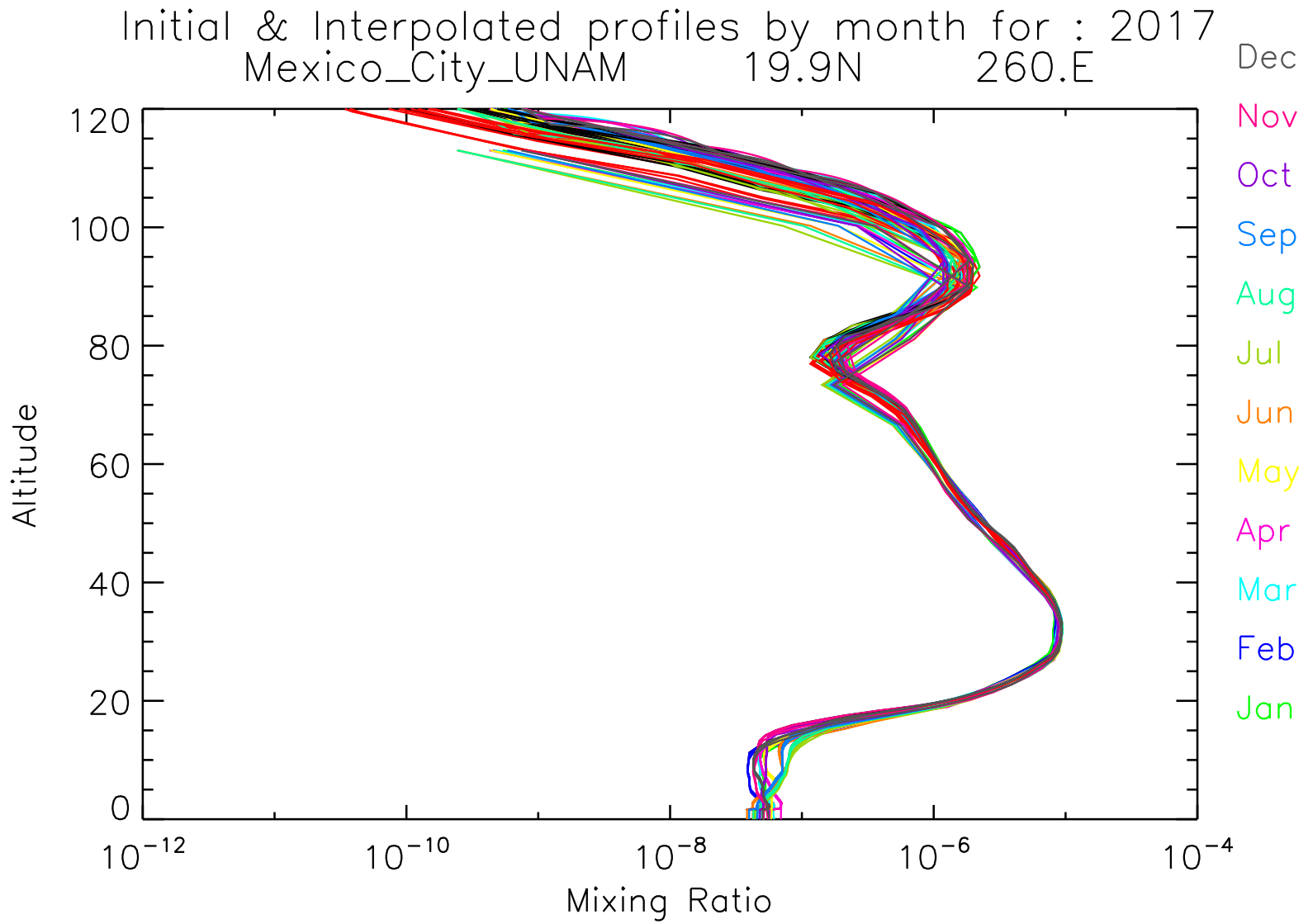
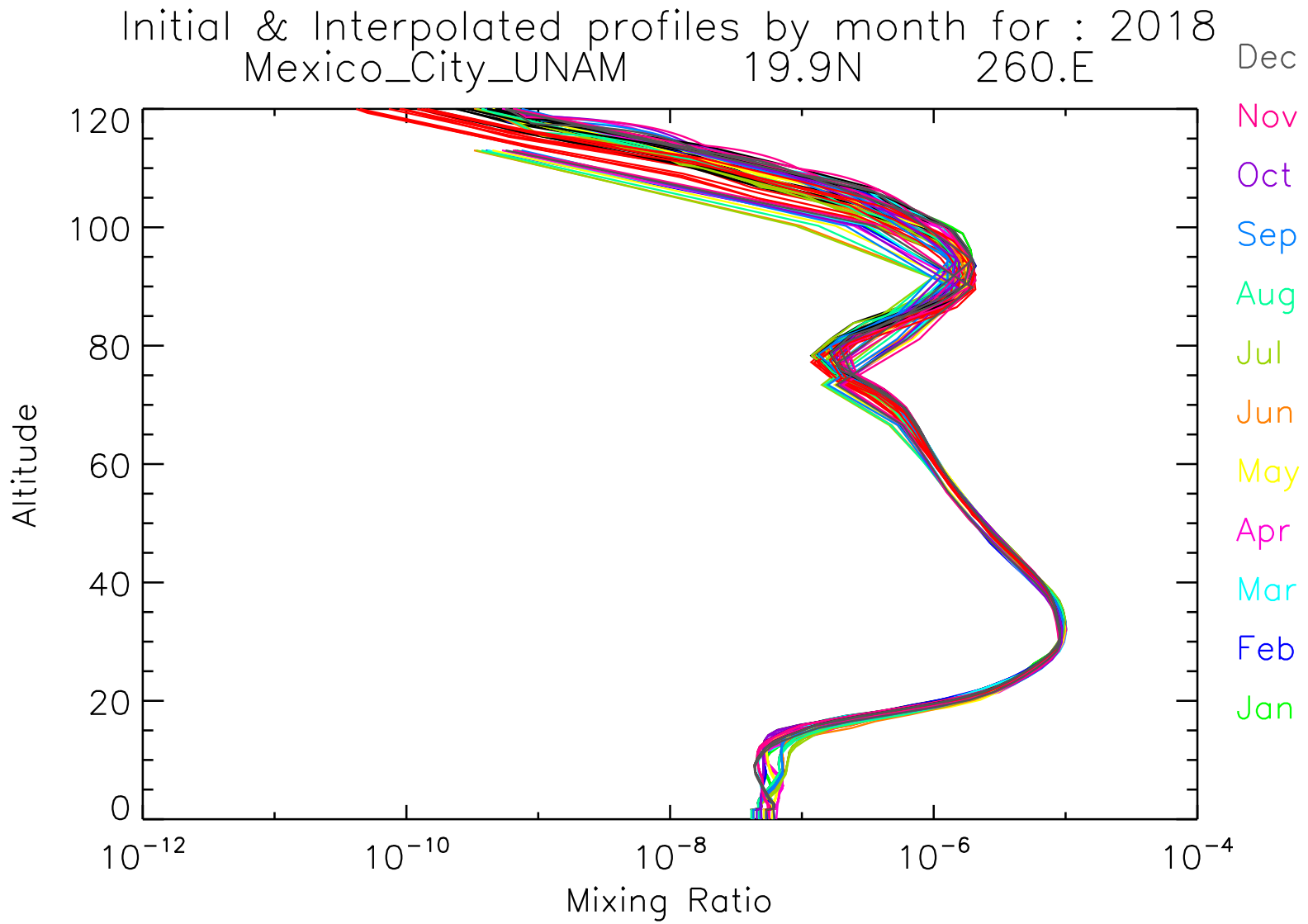
Aug
Jul

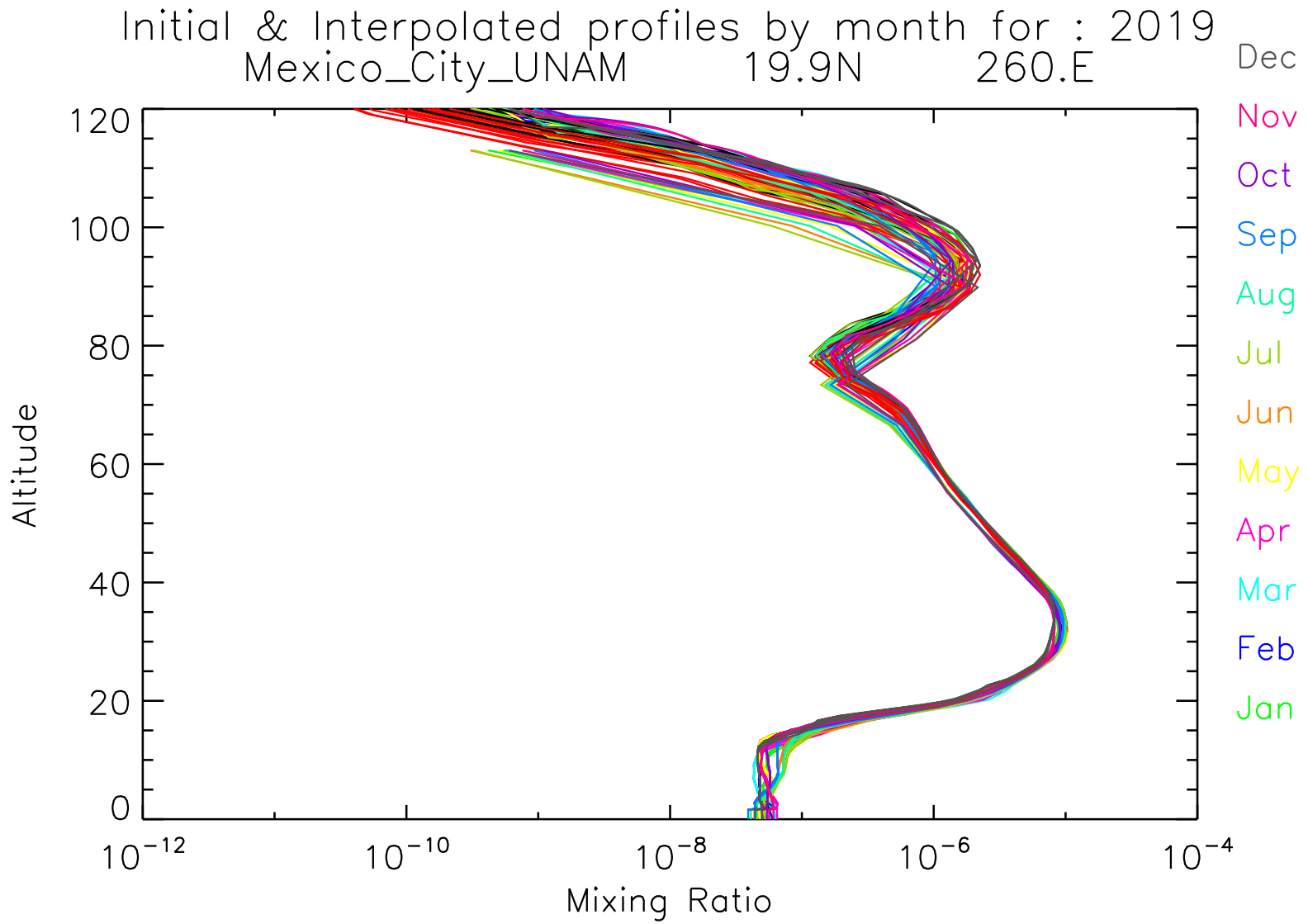

Initial & Interpolated profiles by month for : 2014
Mexico_City_UNAM 19.9N 260.E
Altitude
120
100
80
60
40
20
0
10^{-12}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

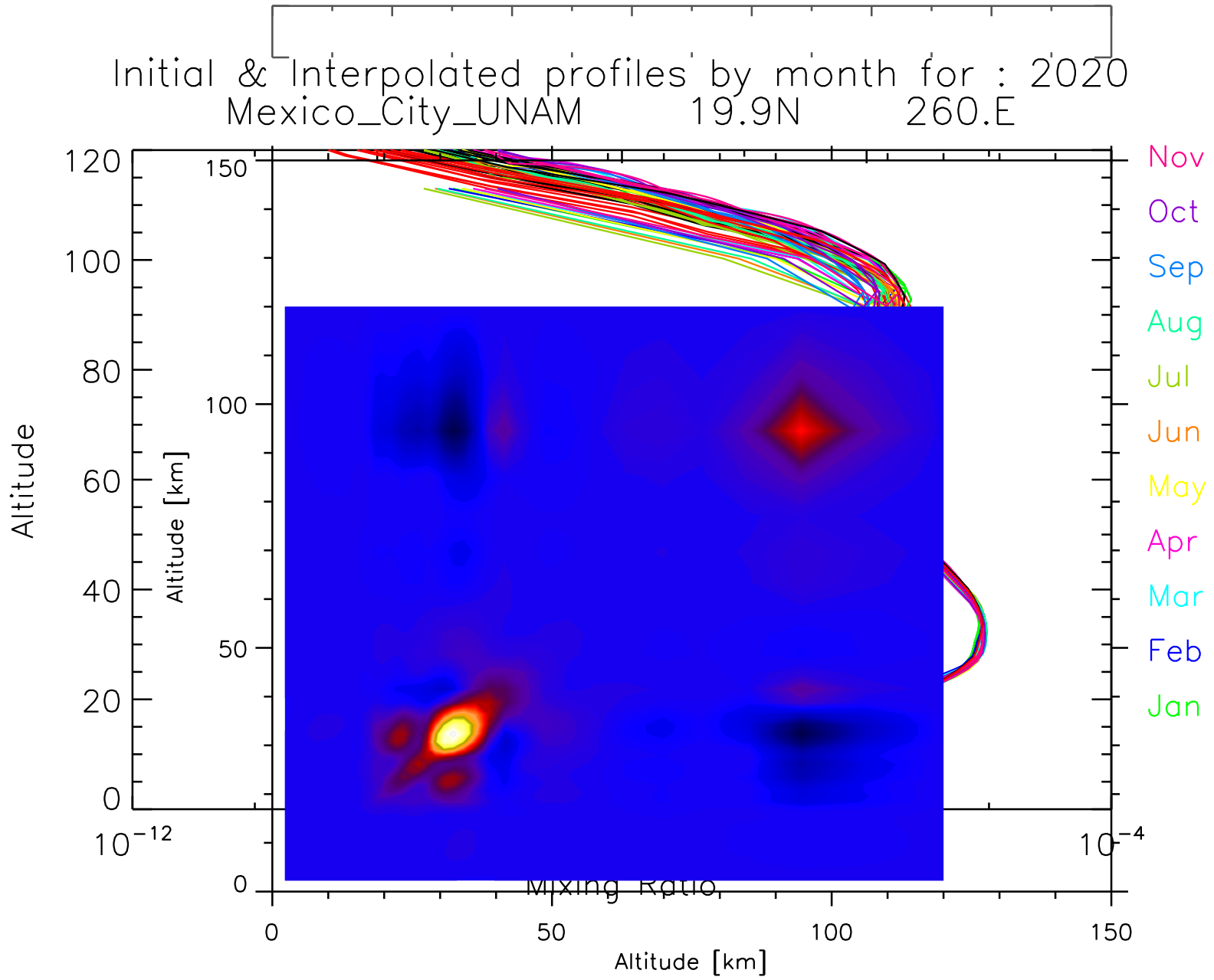

Initial & Interpolated profiles by month for : 2015
Mexico_City_UNAM 19.9N 260.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-12}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
Mixing Ratio

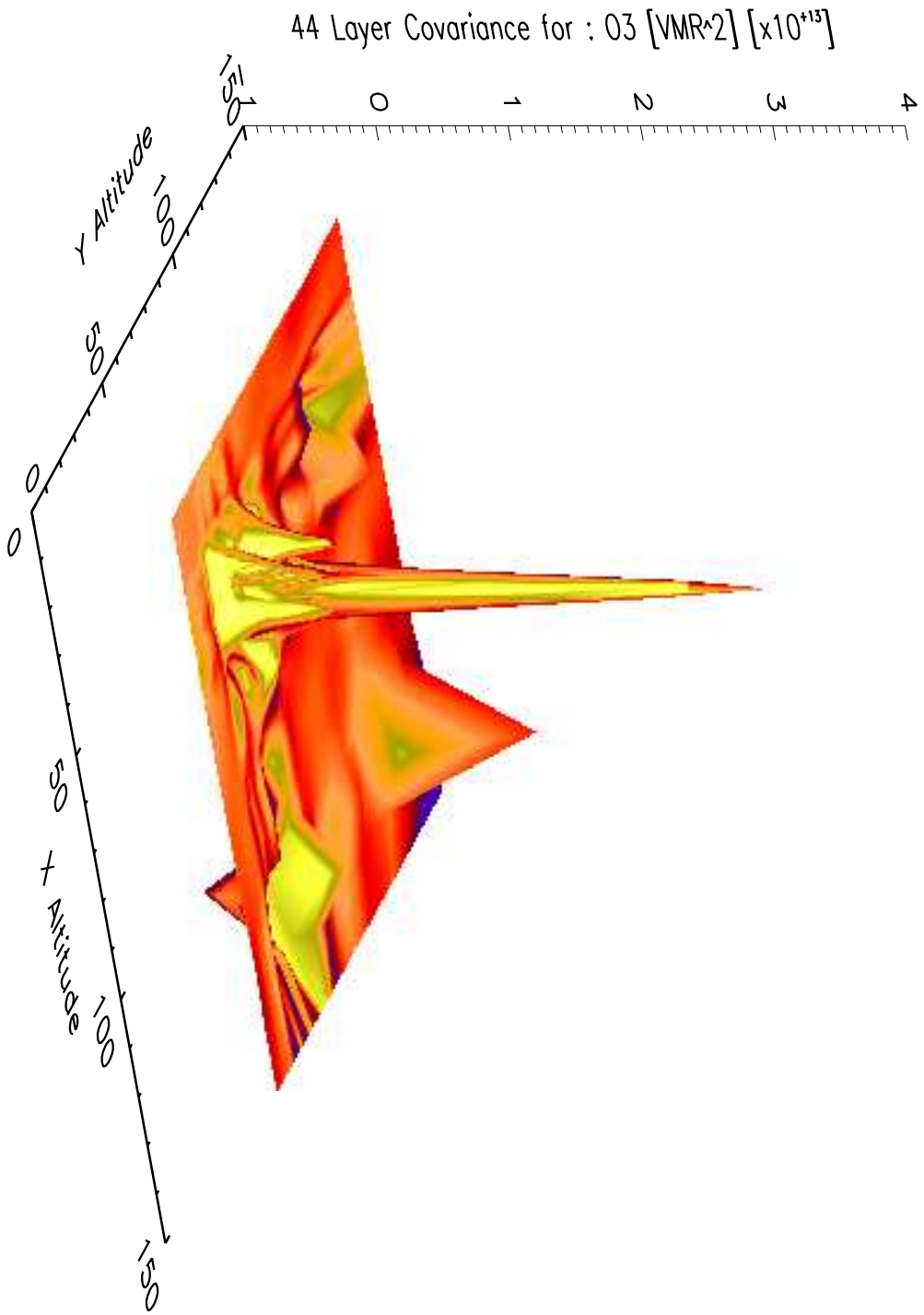

Initial & Interpolated profiles by month for : 2016
Mexico_City_UNAM 19.9N 260.E
Altitude
120
100
80
60
40
20
0
10^{-12}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

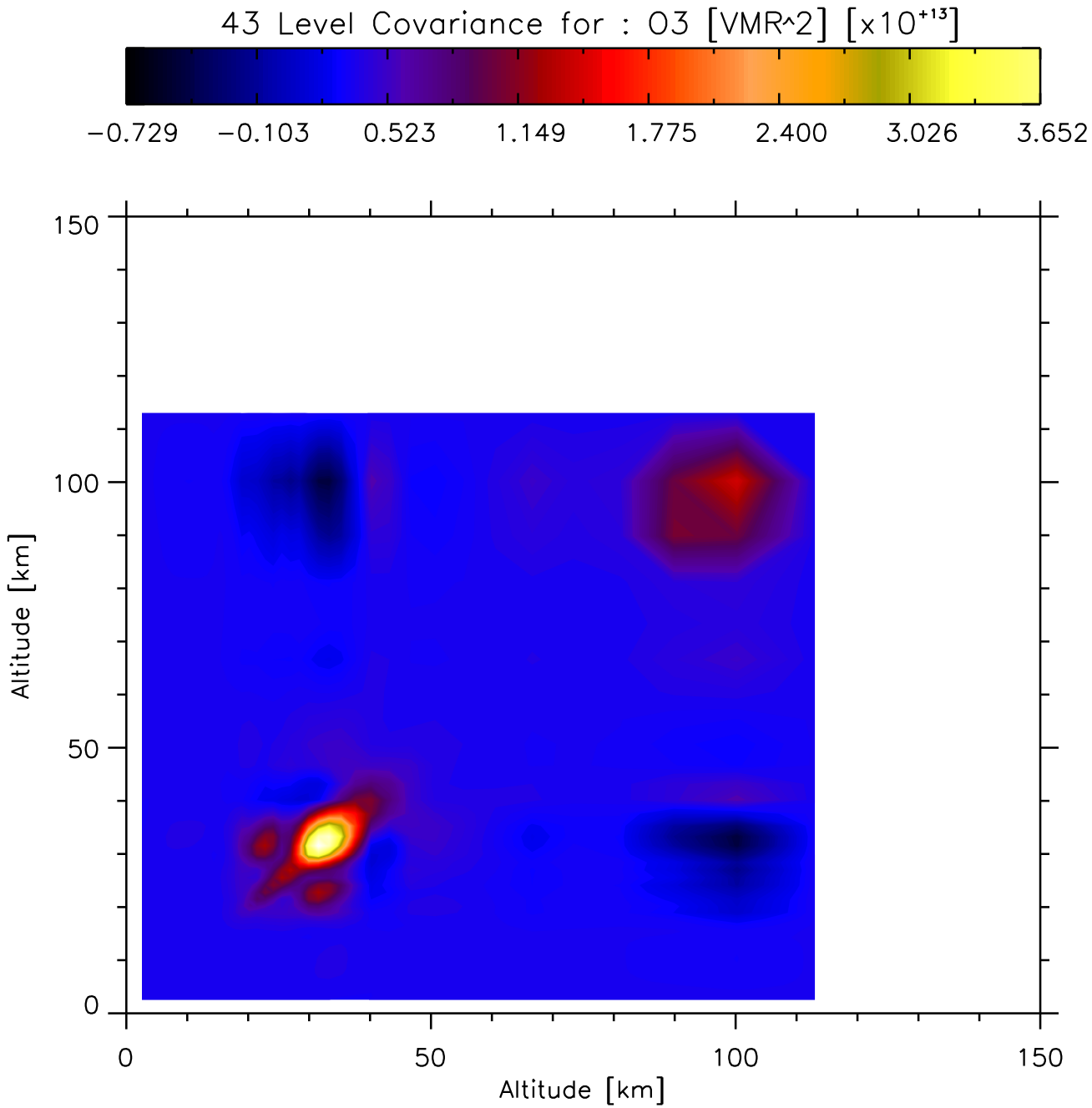

Initial & Interpolated profiles by month for : 2017
Mexico_City_UNAM 19.9N 260.E
Altitude
120
100
80
60
40
20
0
10^{-12}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

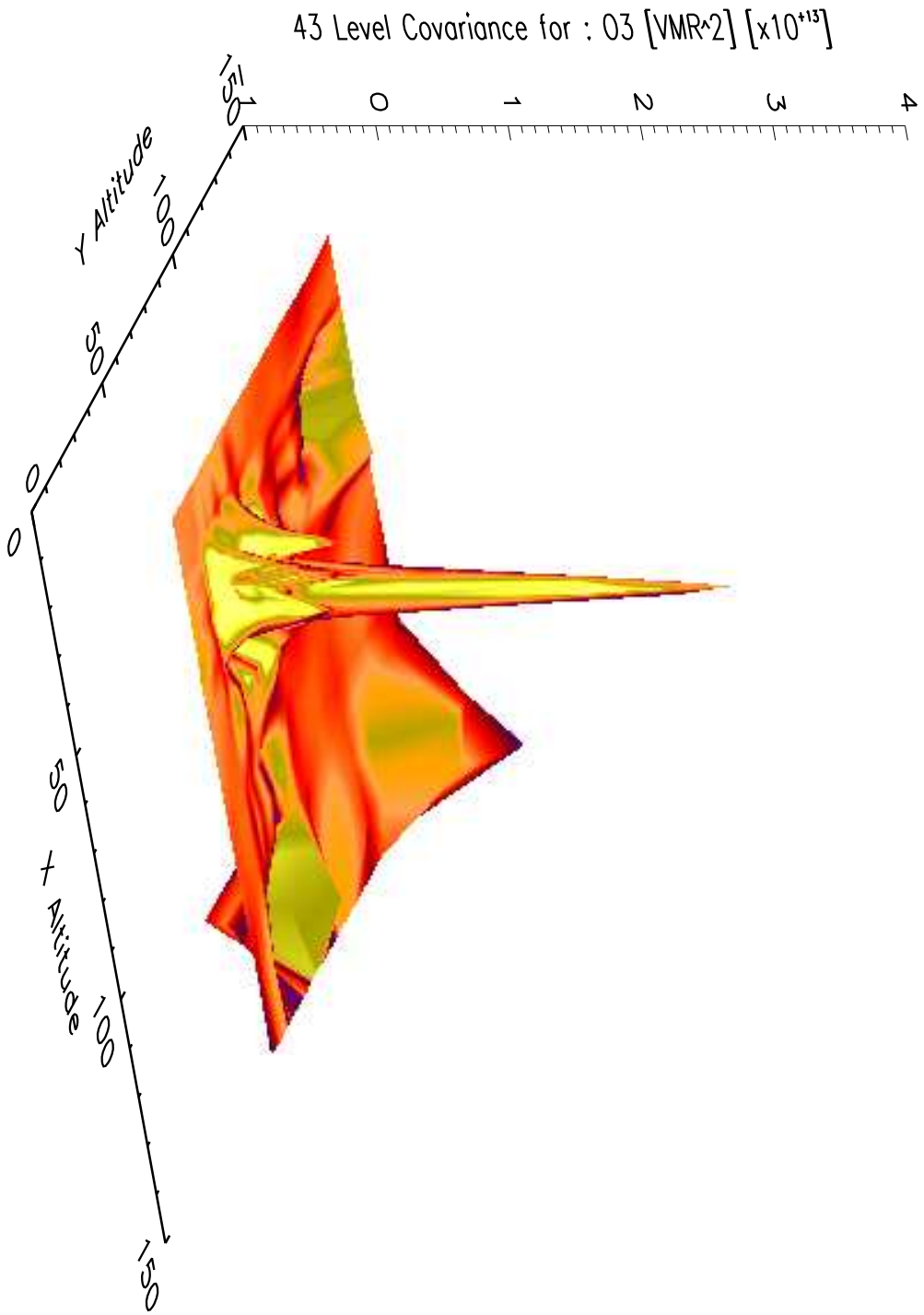

Initial & Interpolated profiles by month for : 2018
Mexico_City_UNAM 19.9N 260.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-12}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
Mixing Ratio


Initial & Interpolated profiles by month for : 2019
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^{-12}
10^{-10}
10^{-8}
10^{-6}
10^{-4}
Mixing Ratio


Initial & Interpolated profiles by month for : 2020
Mexico_City_UNAM 19.9N 260.E
Altitude
120
100
80
60
40
20
0
10^{-12}
0
Altitude [km]
150
100
50
0
Mixing Ratio
10^{-4}
0
50
100
150
Altitude [km]
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan


44 Layer Covariance for : O3 [VMR^2] [x10^+13]
0
1
2
3
4
Y Altitude
150
100
50
0
X Altitude
0
50
100
150


43 Level Covariance for : O3 [VMR^2] [x10^+13]
−0.729
−0.103
0.523
1.149
1.775
2.400
3.026
3.652
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


43 Level Covariance for : O3 [VMR^2] [x10^+13]
0
1
2
3
4
Y Altitude
0
50
100
150
X Altitude
0
50
100
150