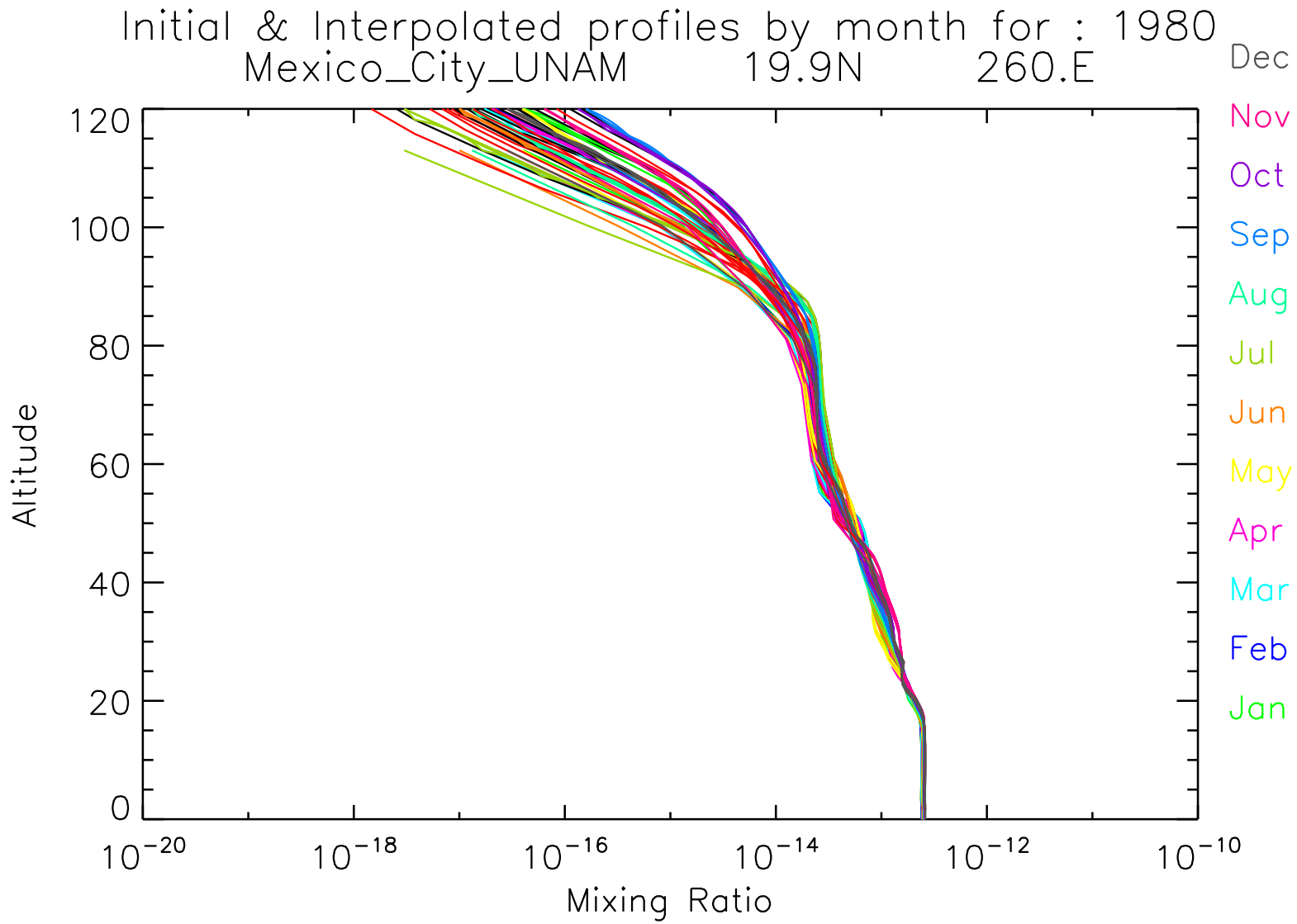
Initial & Interpolated profiles by month for : 1980
Mexico_City_UNAM 19.9N 260.E
Dec
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120
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Altitude
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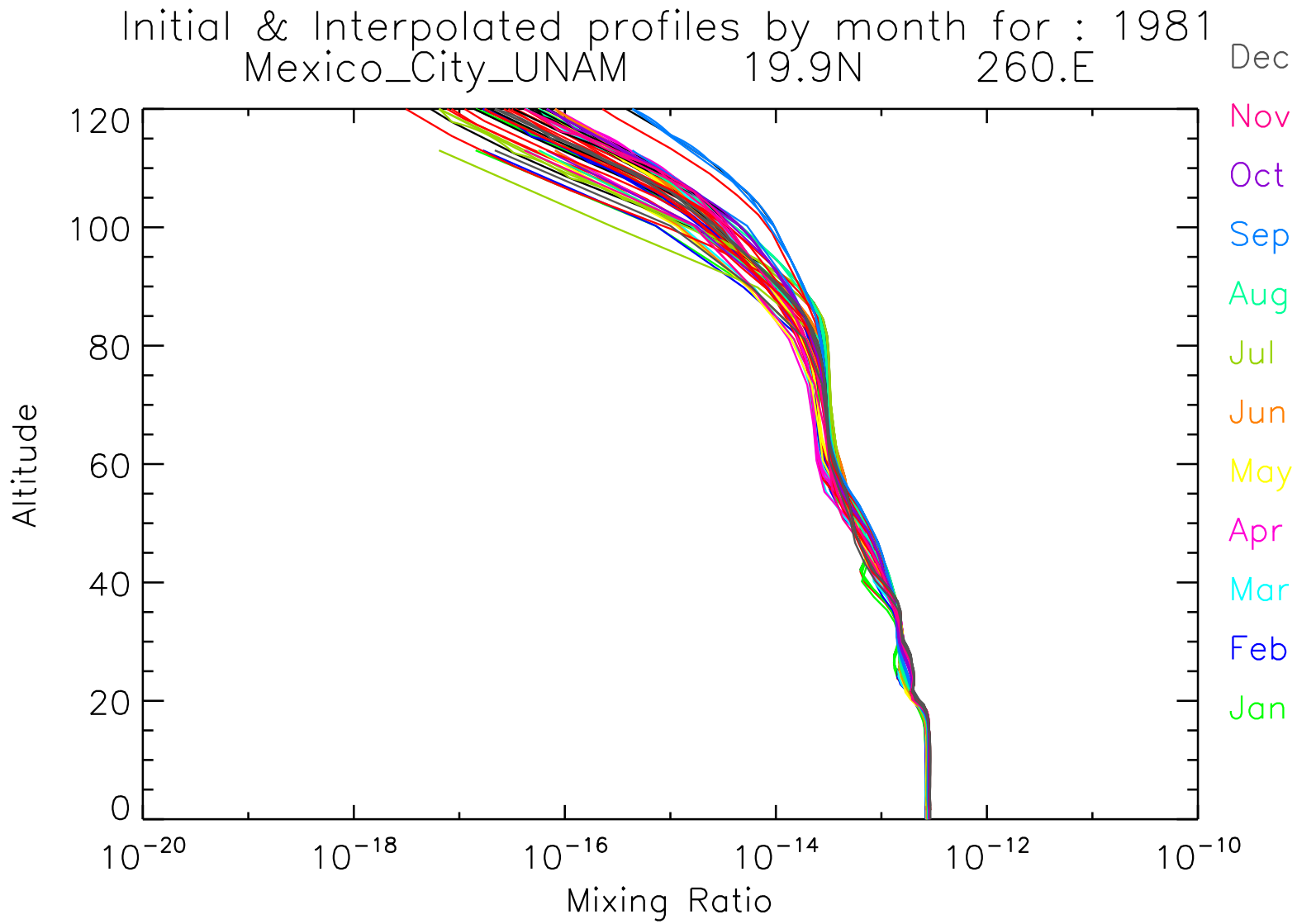
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1981
Mexico_City_UNAM 19.9N 260.E
Dec
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120
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Altitude
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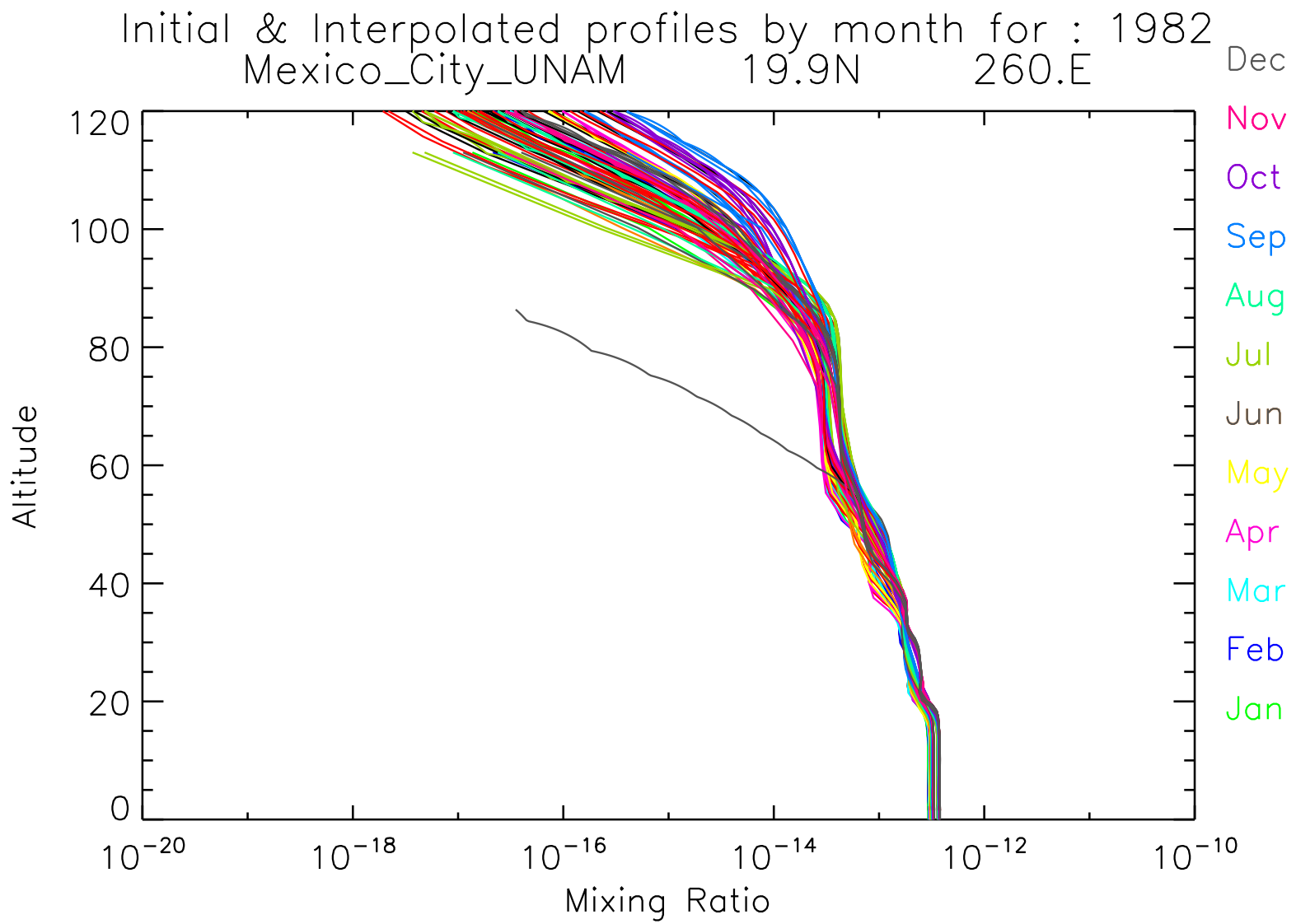
Mixing Ratio


Initial & Interpolated profiles by month for : 1982
Mexico_City_UNAM 19.9N 260.E
Dec
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Feb
Jan
120
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Altitude
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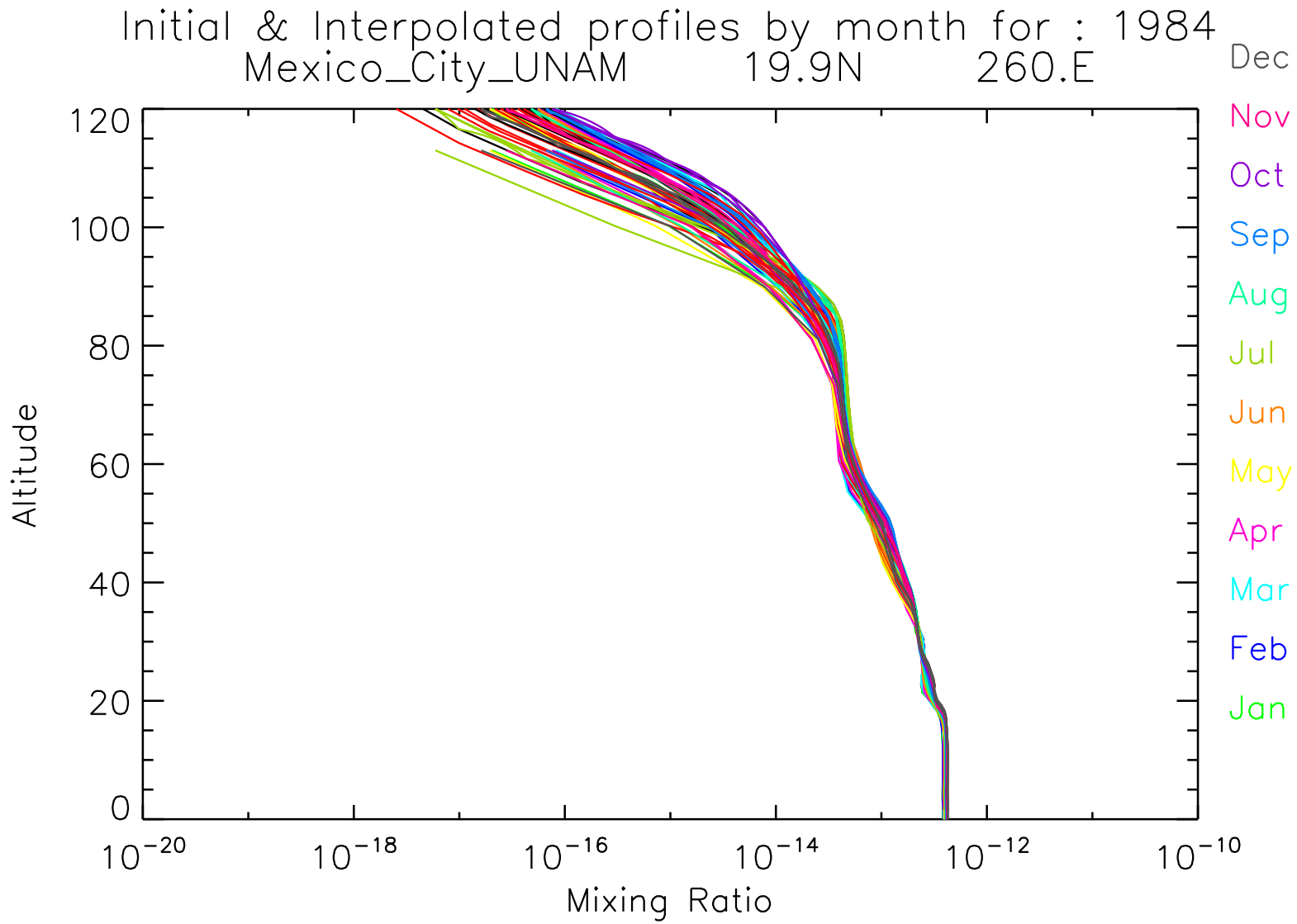
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1984
Mexico_City_UNAM 19.9N 260.E
Altitude
120
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10^{-20}
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Mixing Ratio
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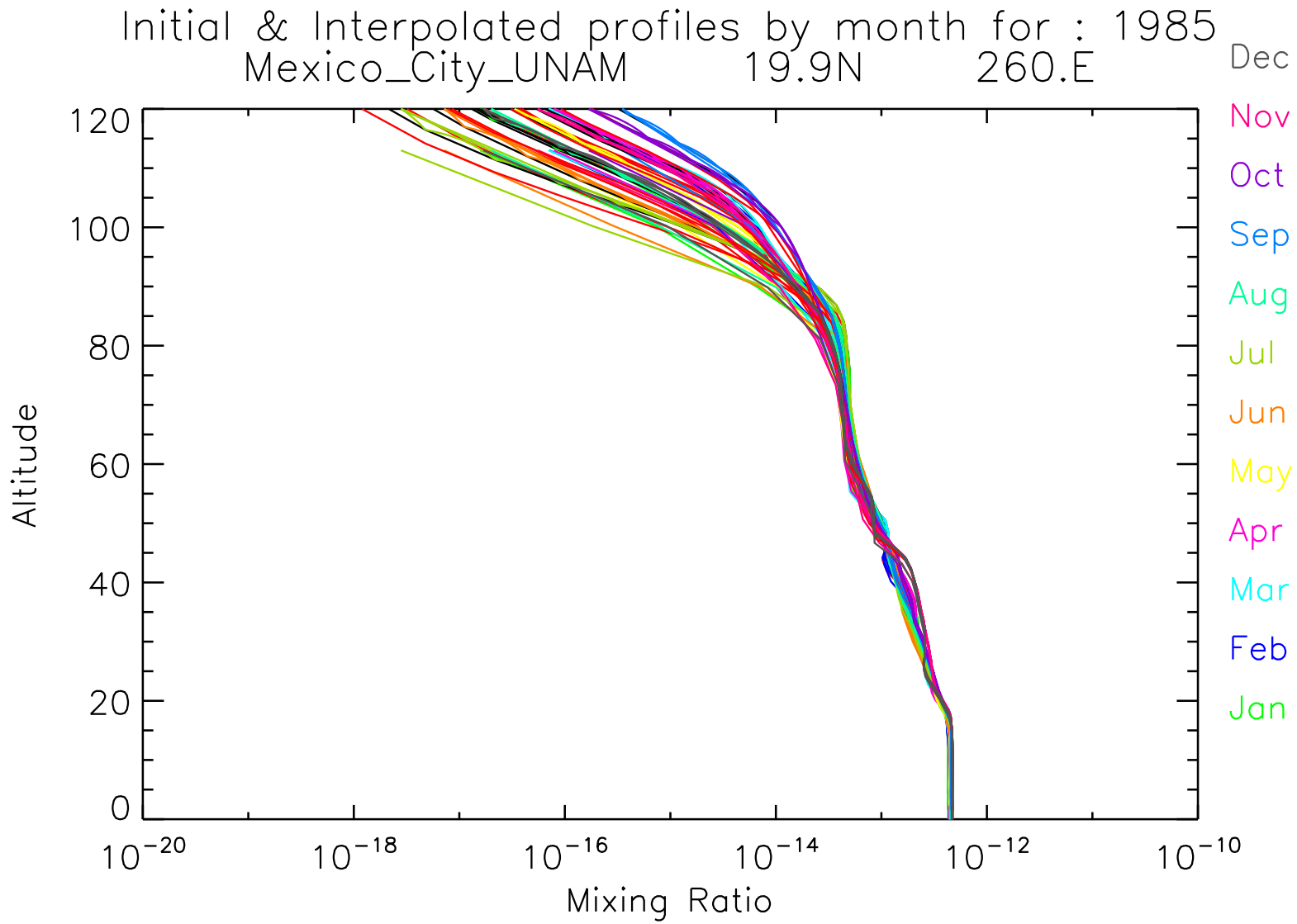
Initial & Interpolated profiles by month for : 1985
Mexico_City_UNAM 19.9N 260.E
Dec
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Altitude
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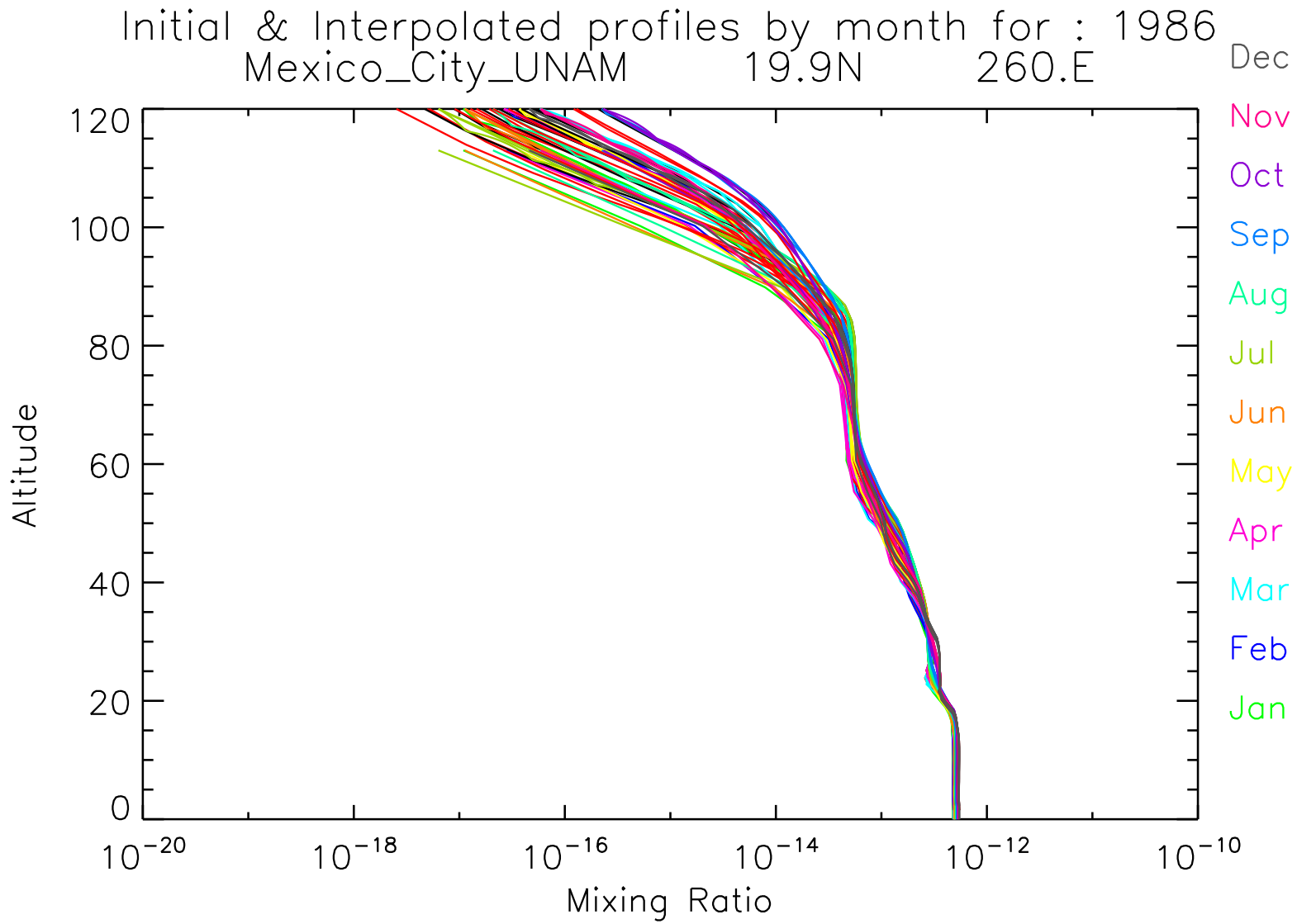
Mixing Ratio


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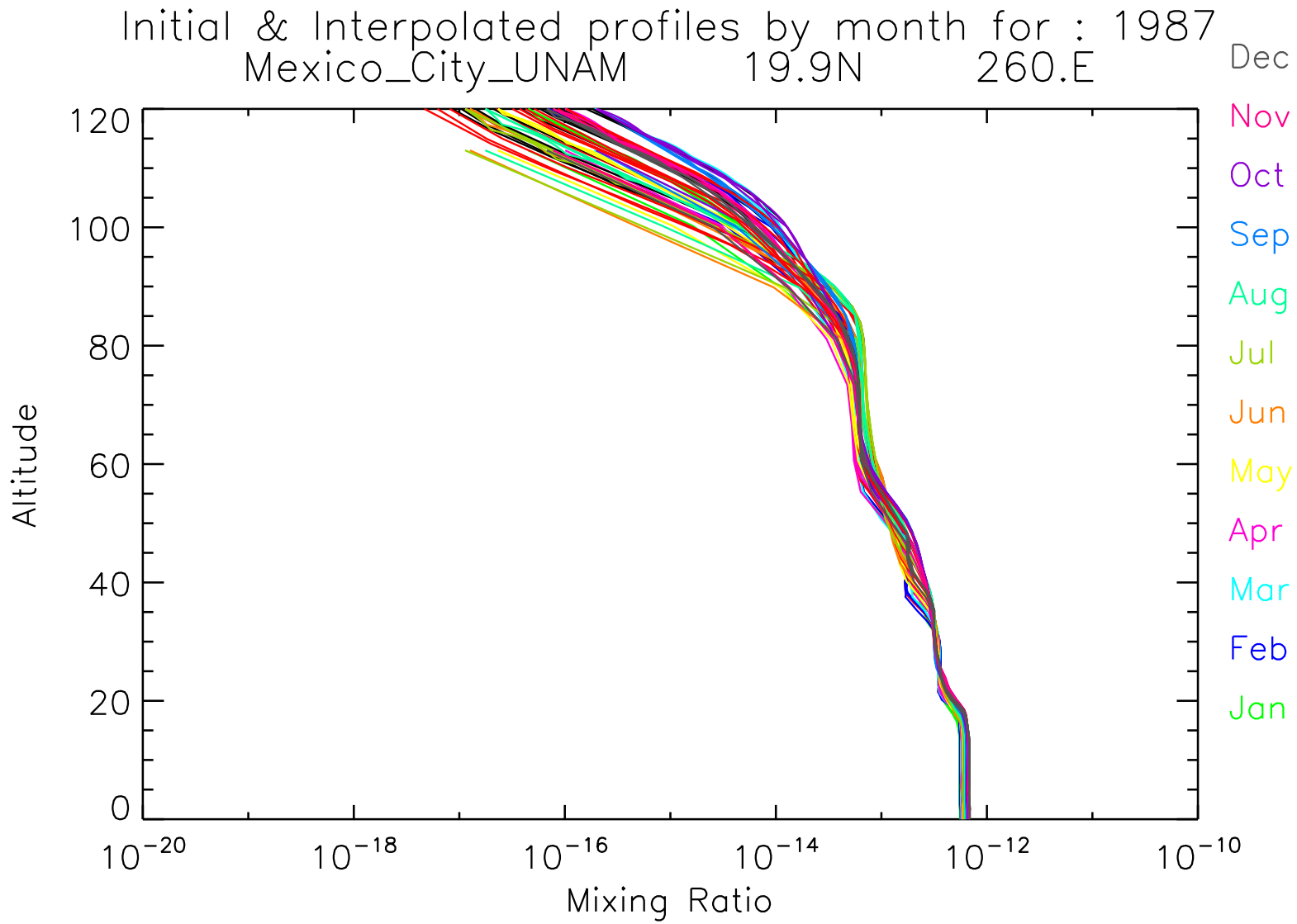
Mixing Ratio


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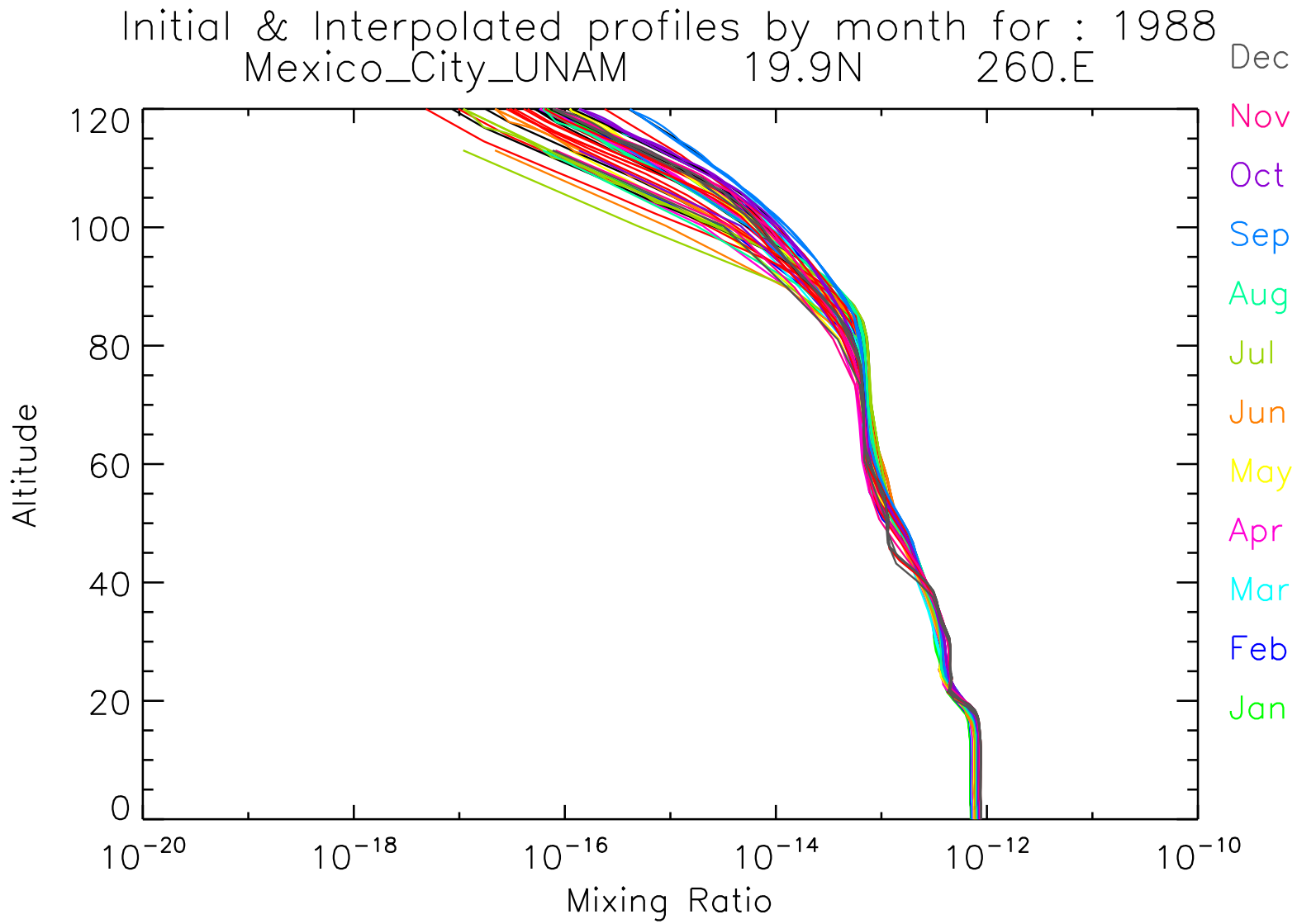
Mixing Ratio


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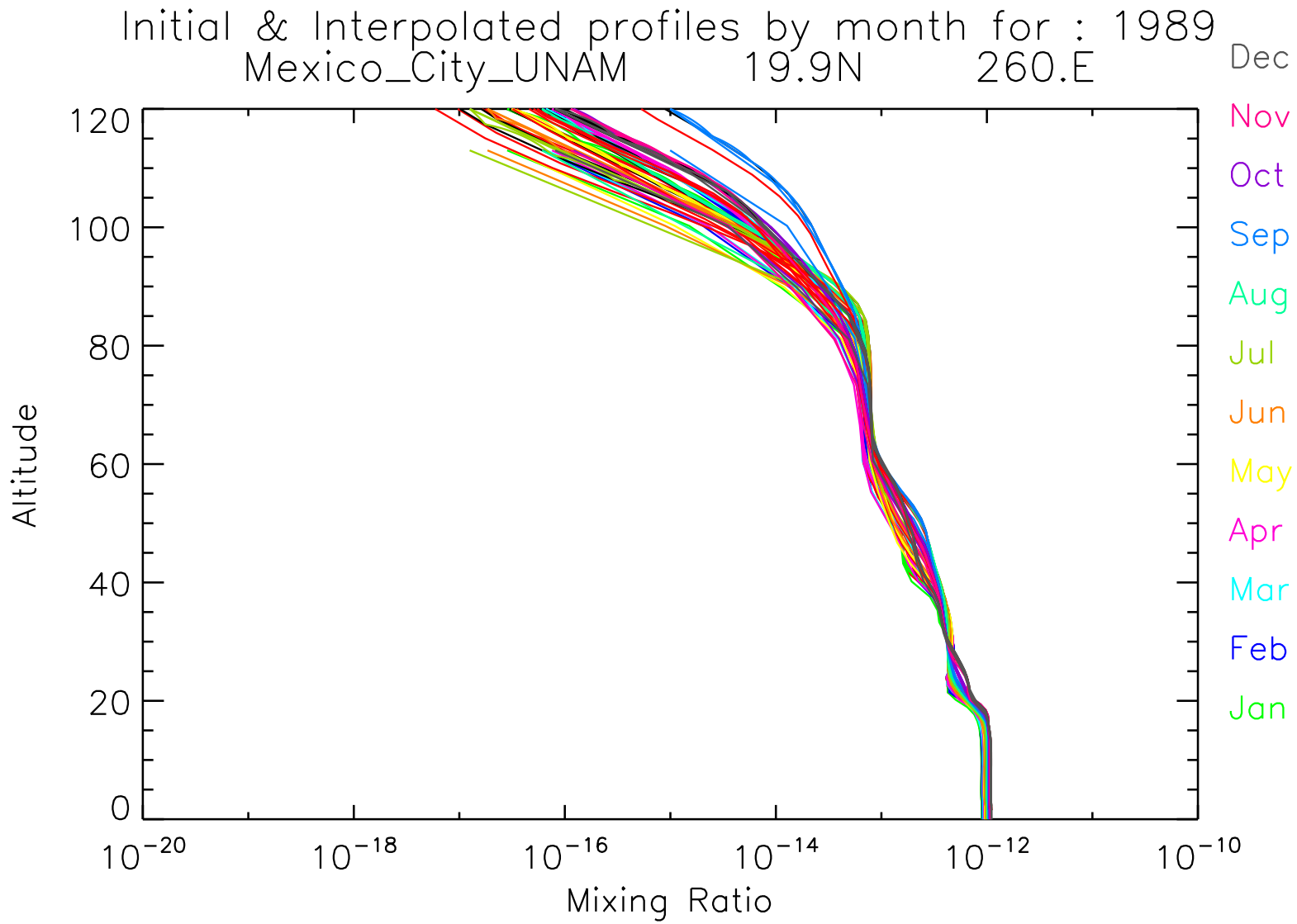
Mixing Ratio


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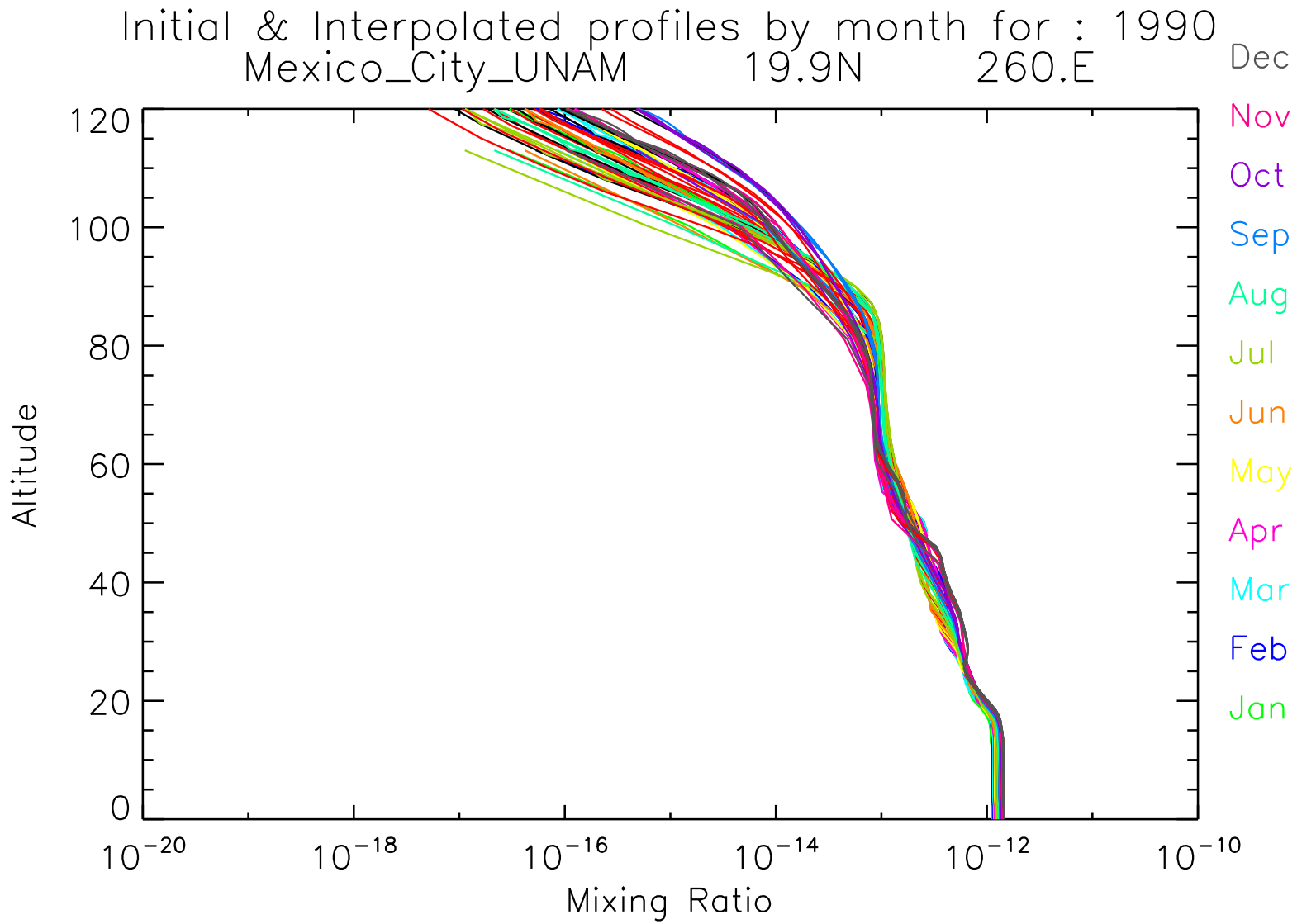
Mixing Ratio


Initial & Interpolated profiles by month for : 1990
Mexico_City_UNAM 19.9N 260.E
Dec
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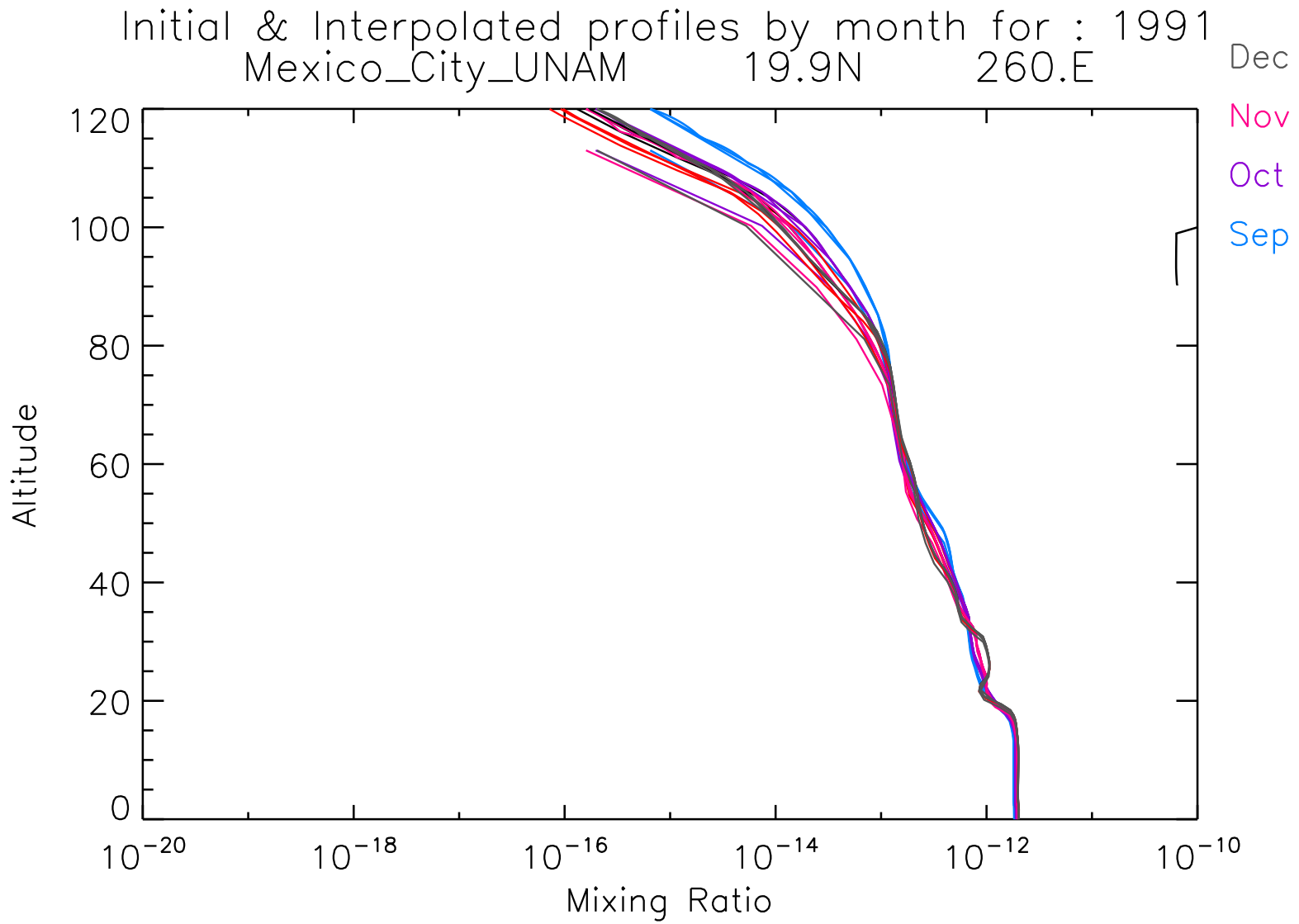
Mixing Ratio


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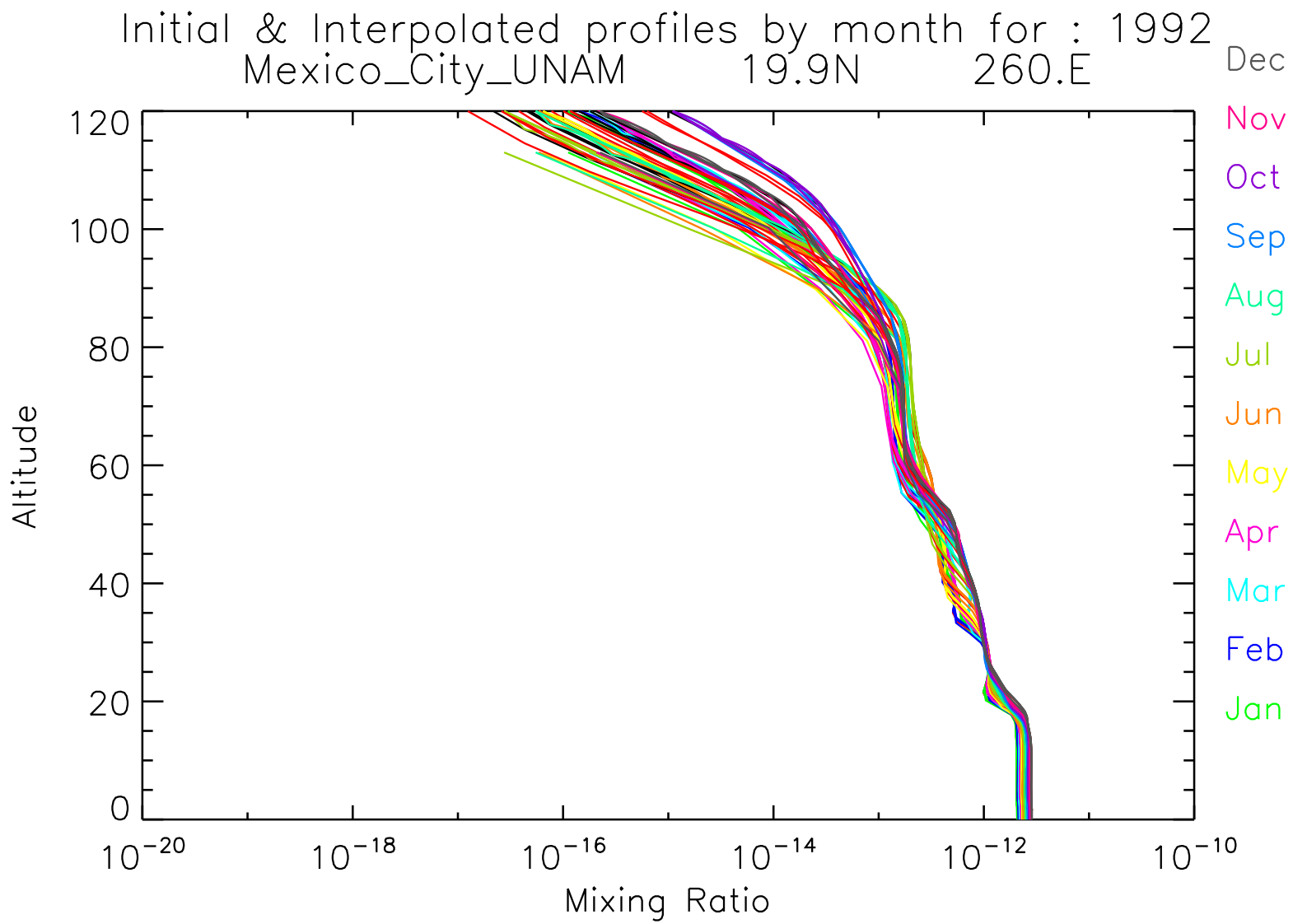
Mixing Ratio


Initial & Interpolated profiles by month for : 1992
Mexico_City_UNAM 19.9N 260.E
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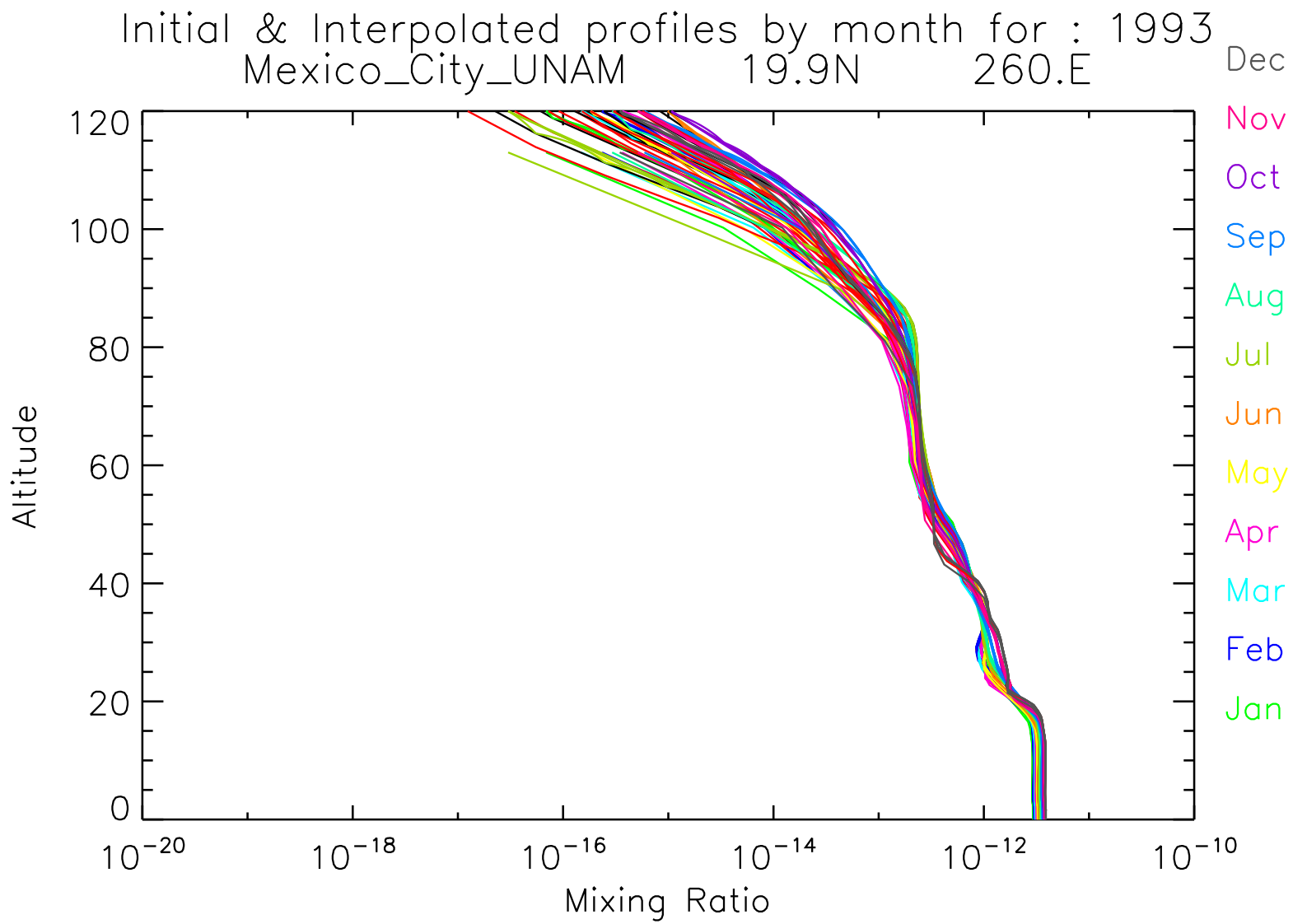
Mixing Ratio


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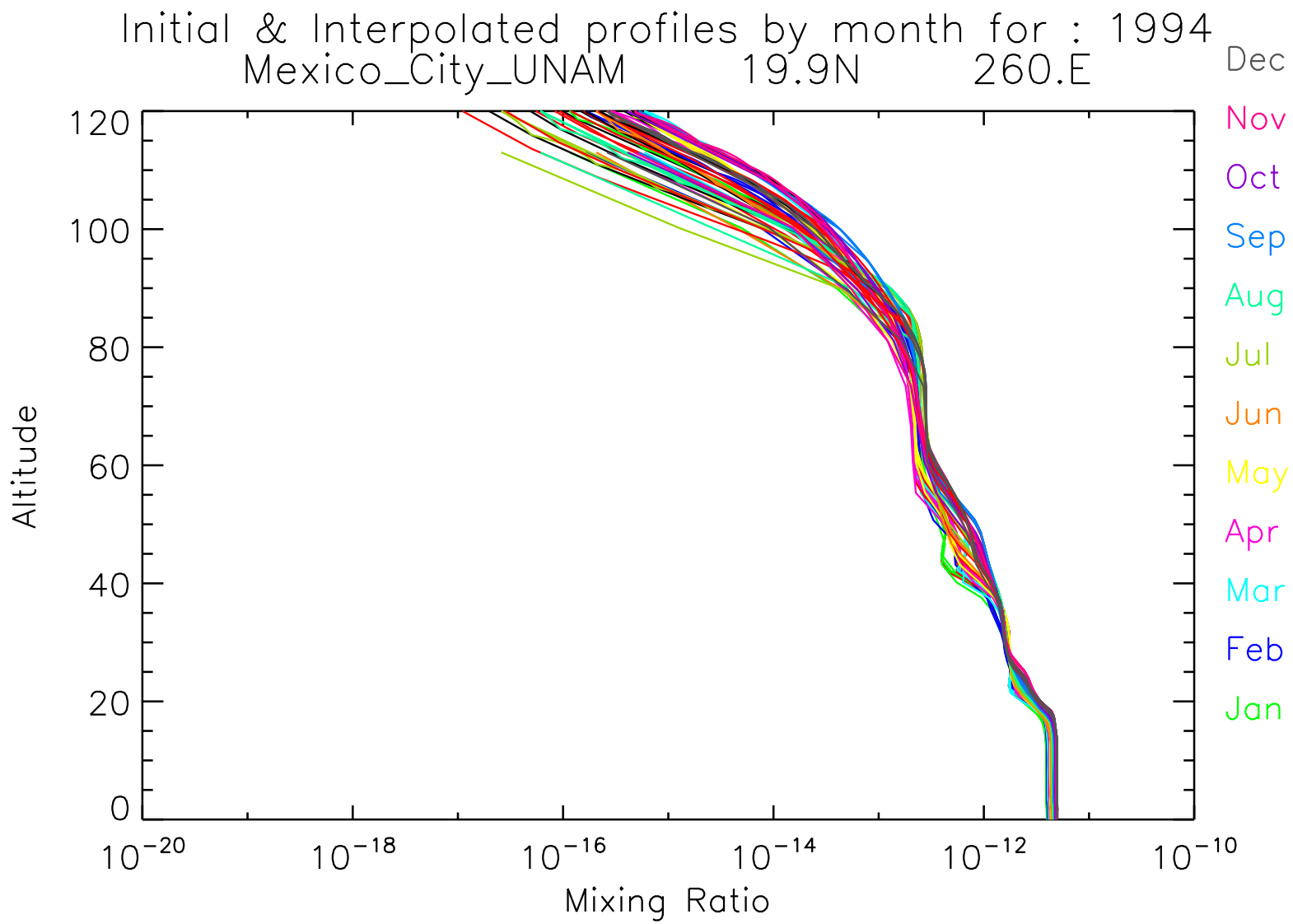
Initial & Interpolated profiles by month for : 1994
Mexico_City_UNAM 19.9N 260.E
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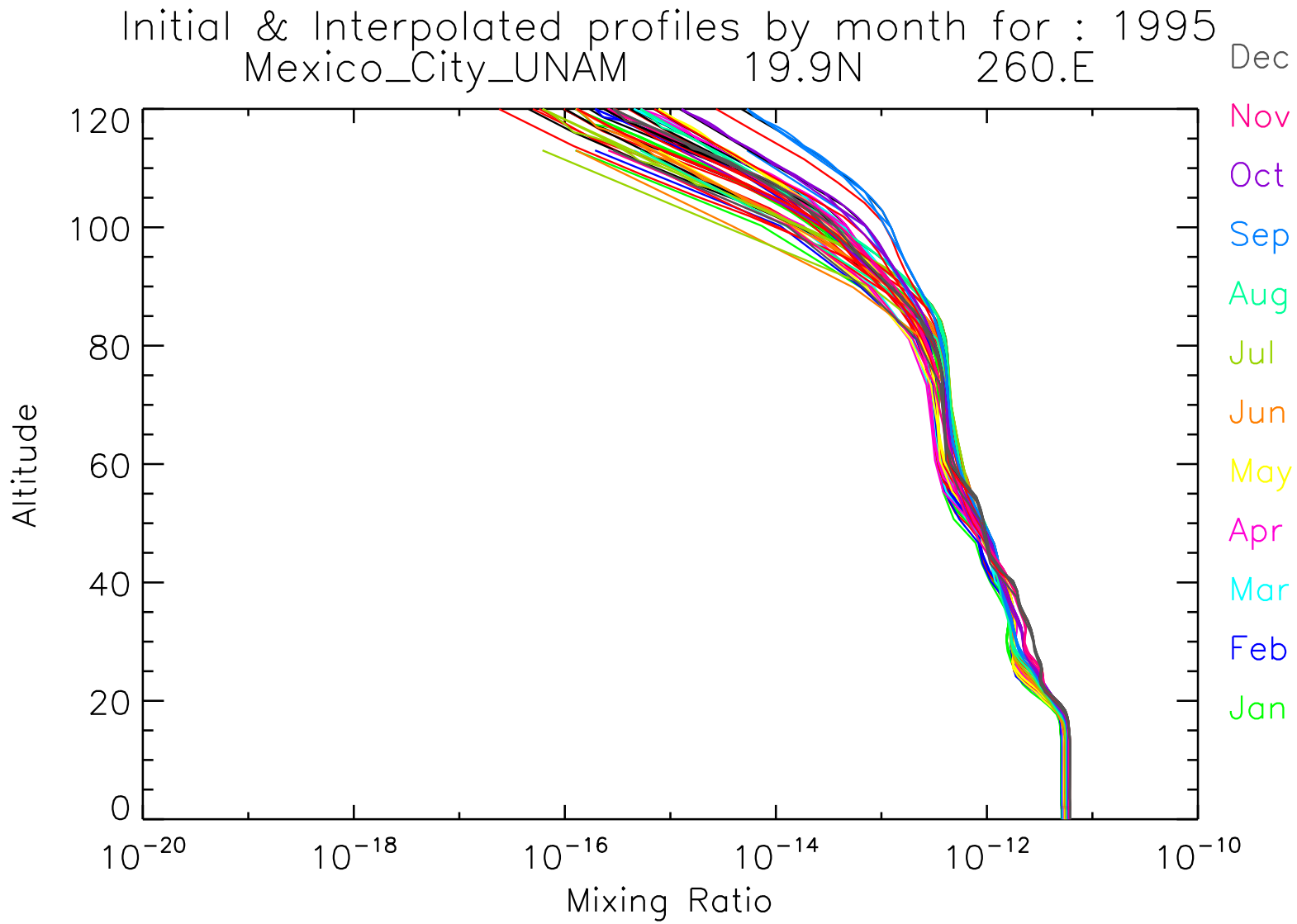
Mixing Ratio


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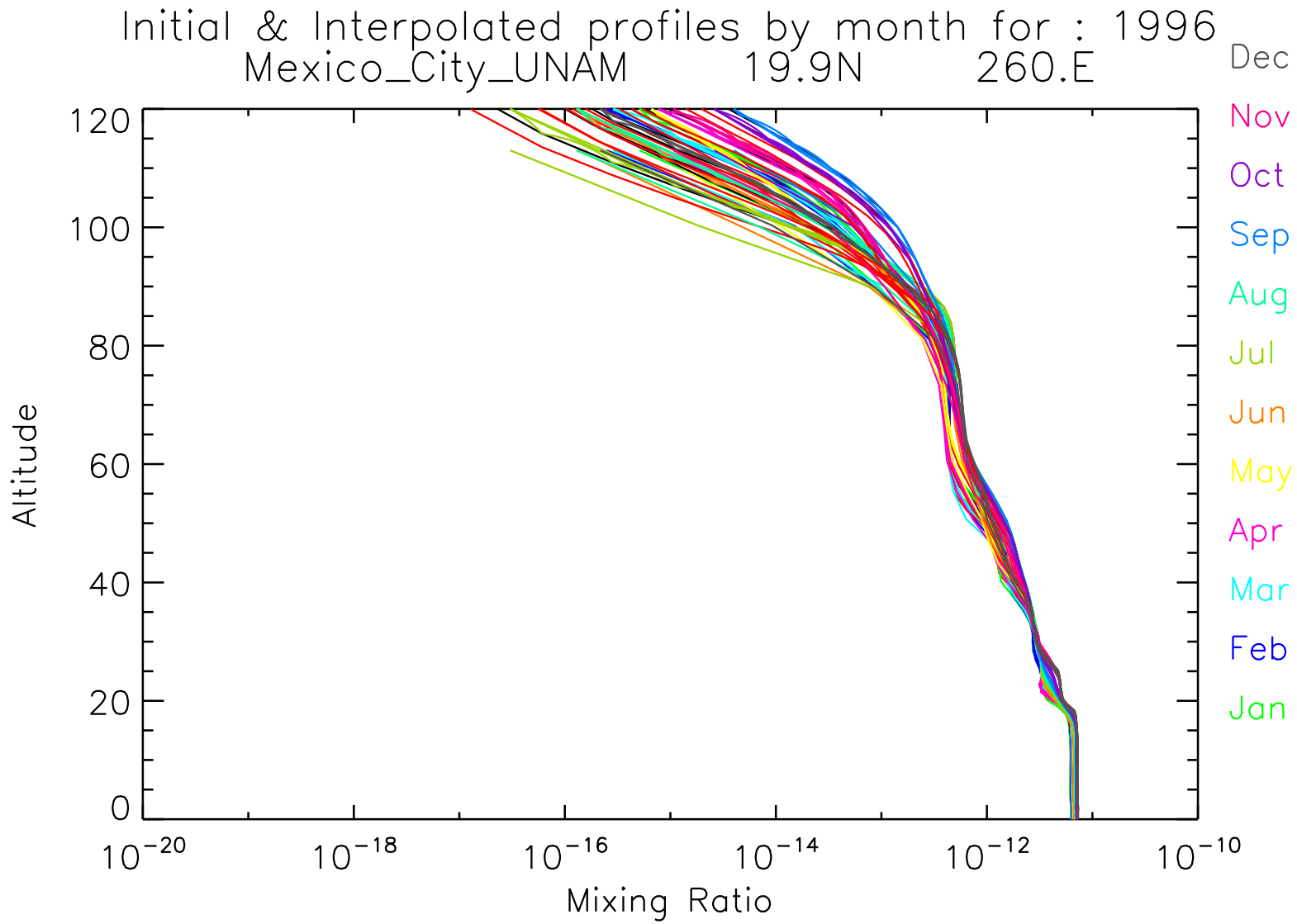
Mixing Ratio


Initial & Interpolated profiles by month for : 1996
Mexico_City_UNAM 19.9N 260.E
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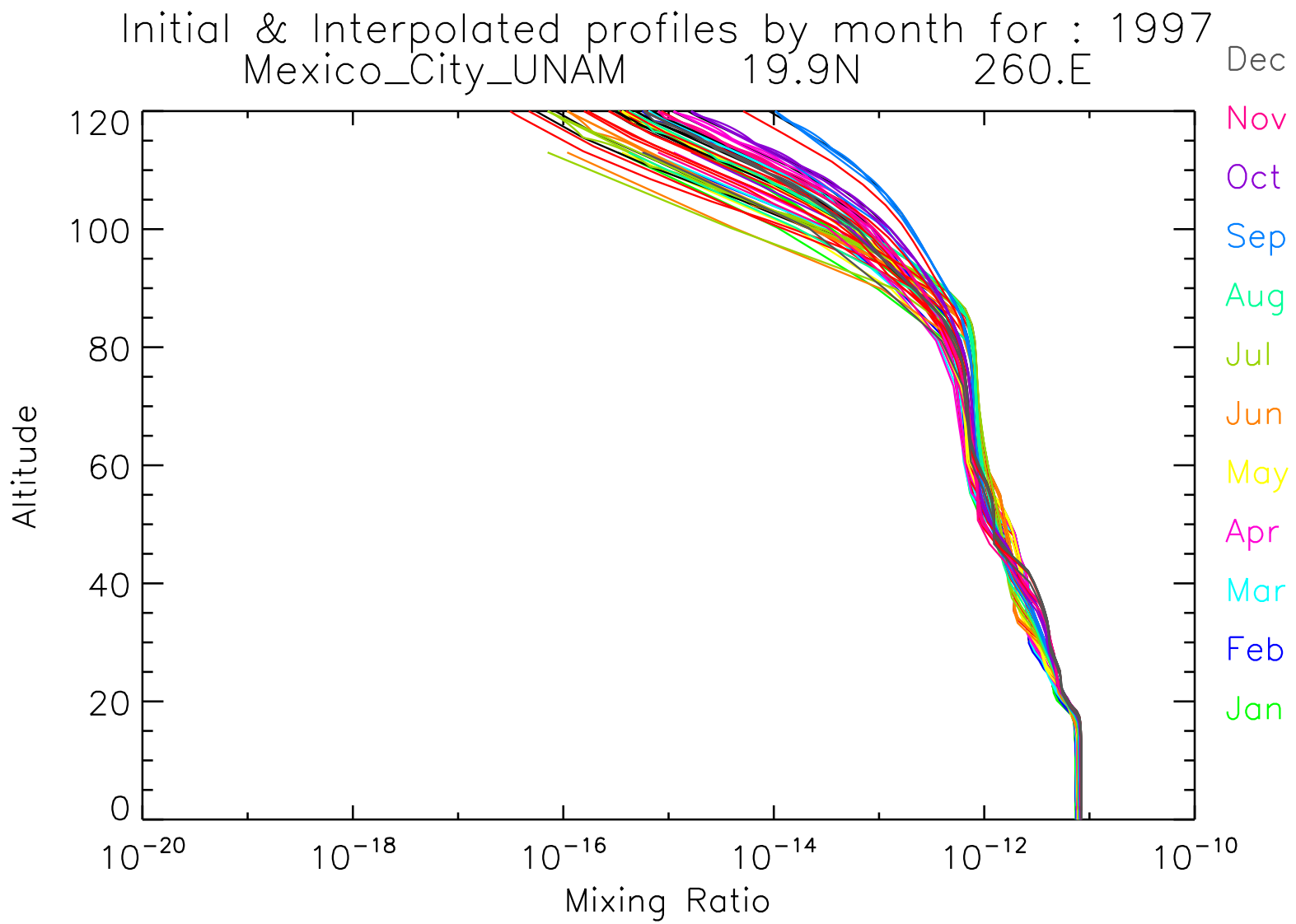
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1997
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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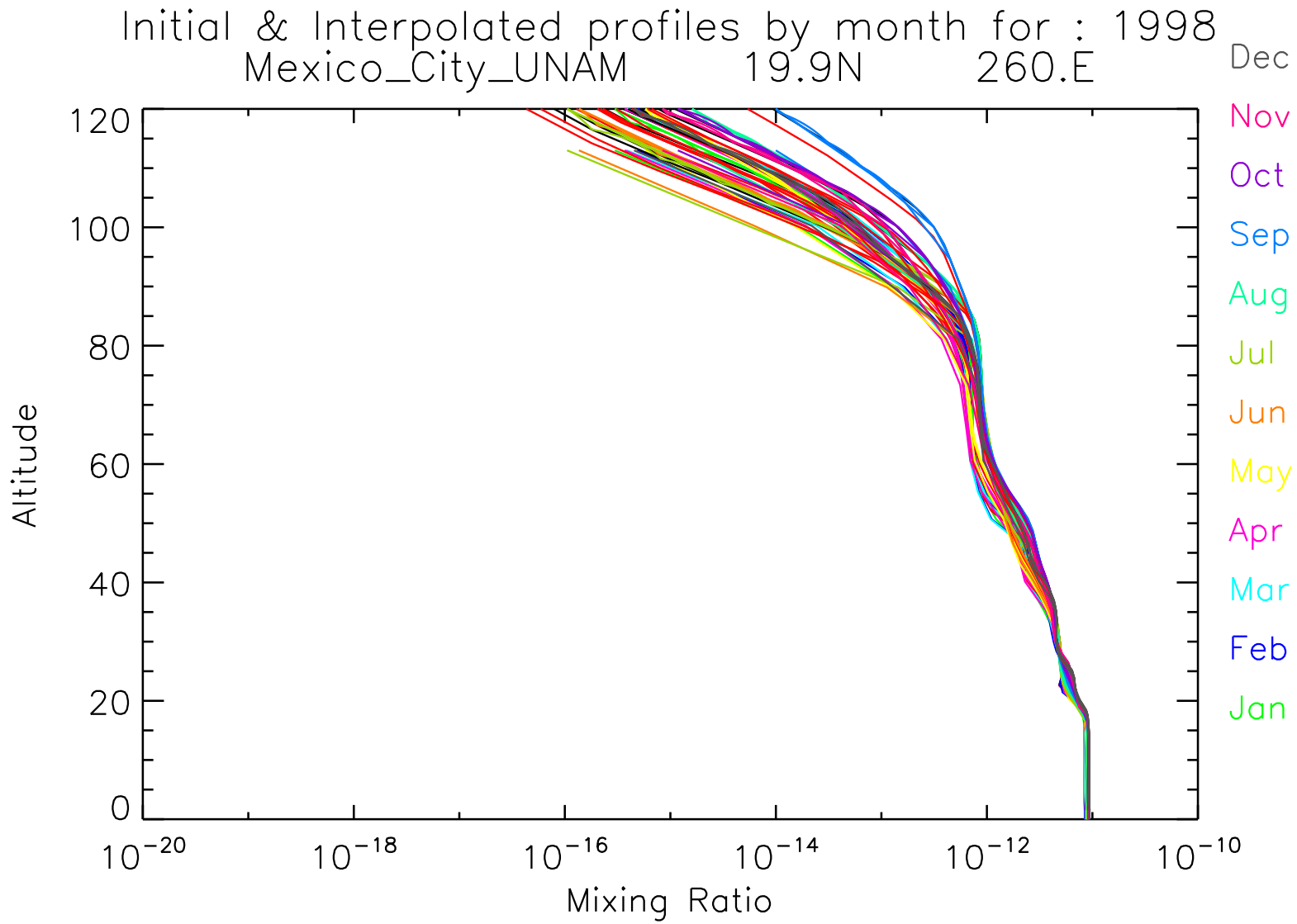
Initial & Interpolated profiles by month for : 1998
Mexico_City_UNAM 19.9N 260.E
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Altitude
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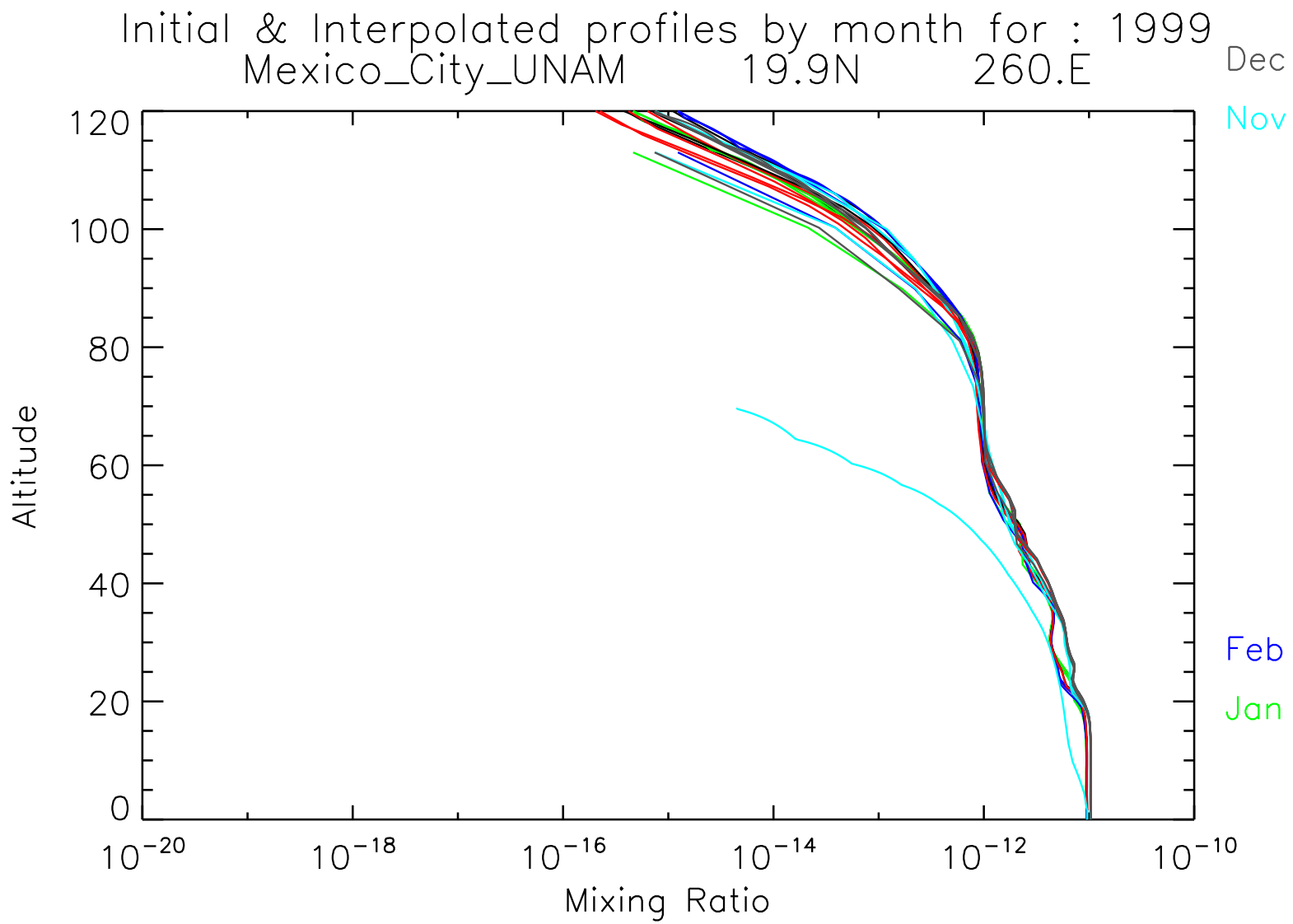
Mixing Ratio


Initial & Interpolated profiles by month for : 1999
Mexico_City_UNAM 19.9N 260.E
Dec
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Altitude
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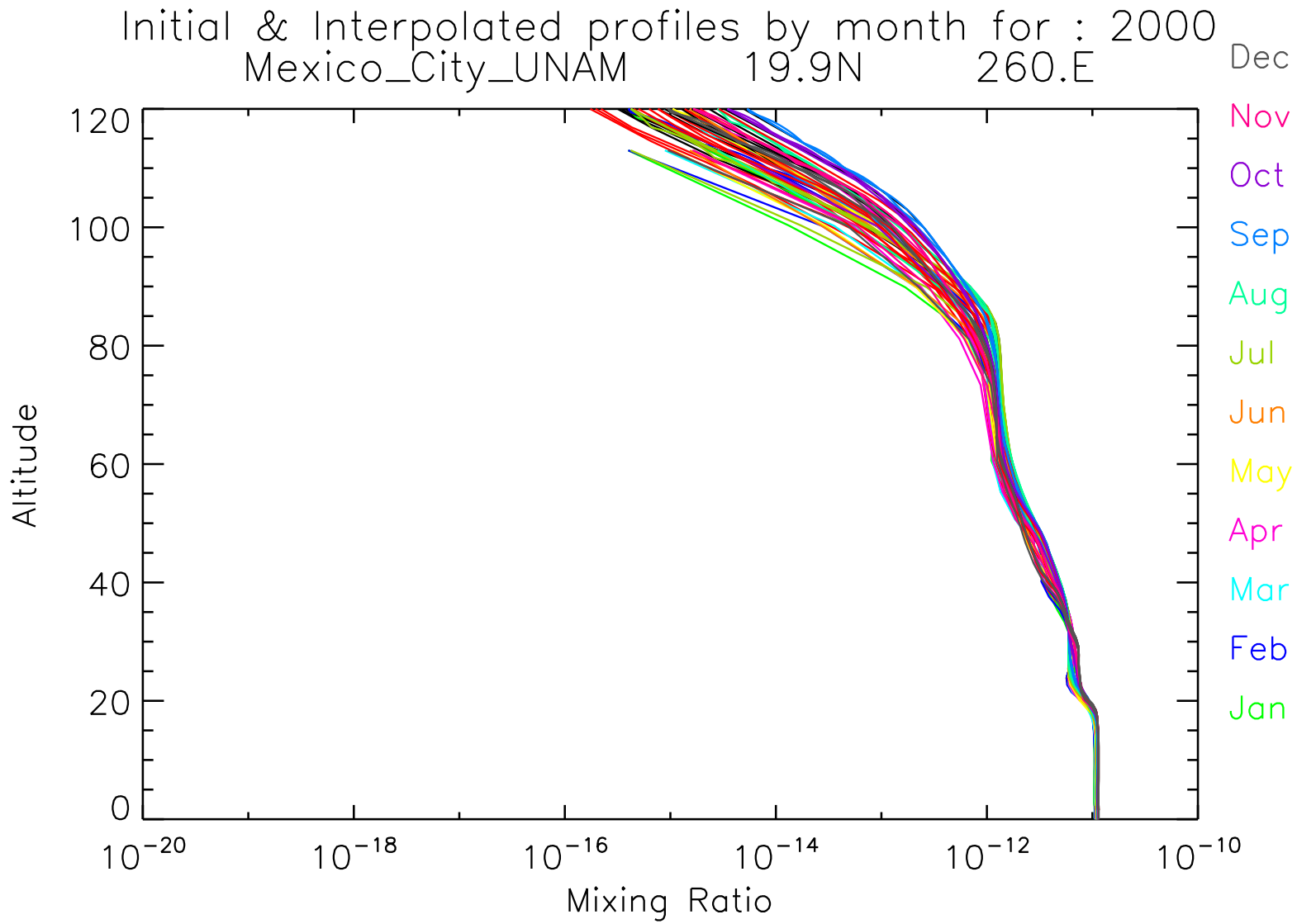
Mixing Ratio


Initial & Interpolated profiles by month for : 2000
Mexico_City_UNAM 19.9N 260.E
Dec
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Altitude
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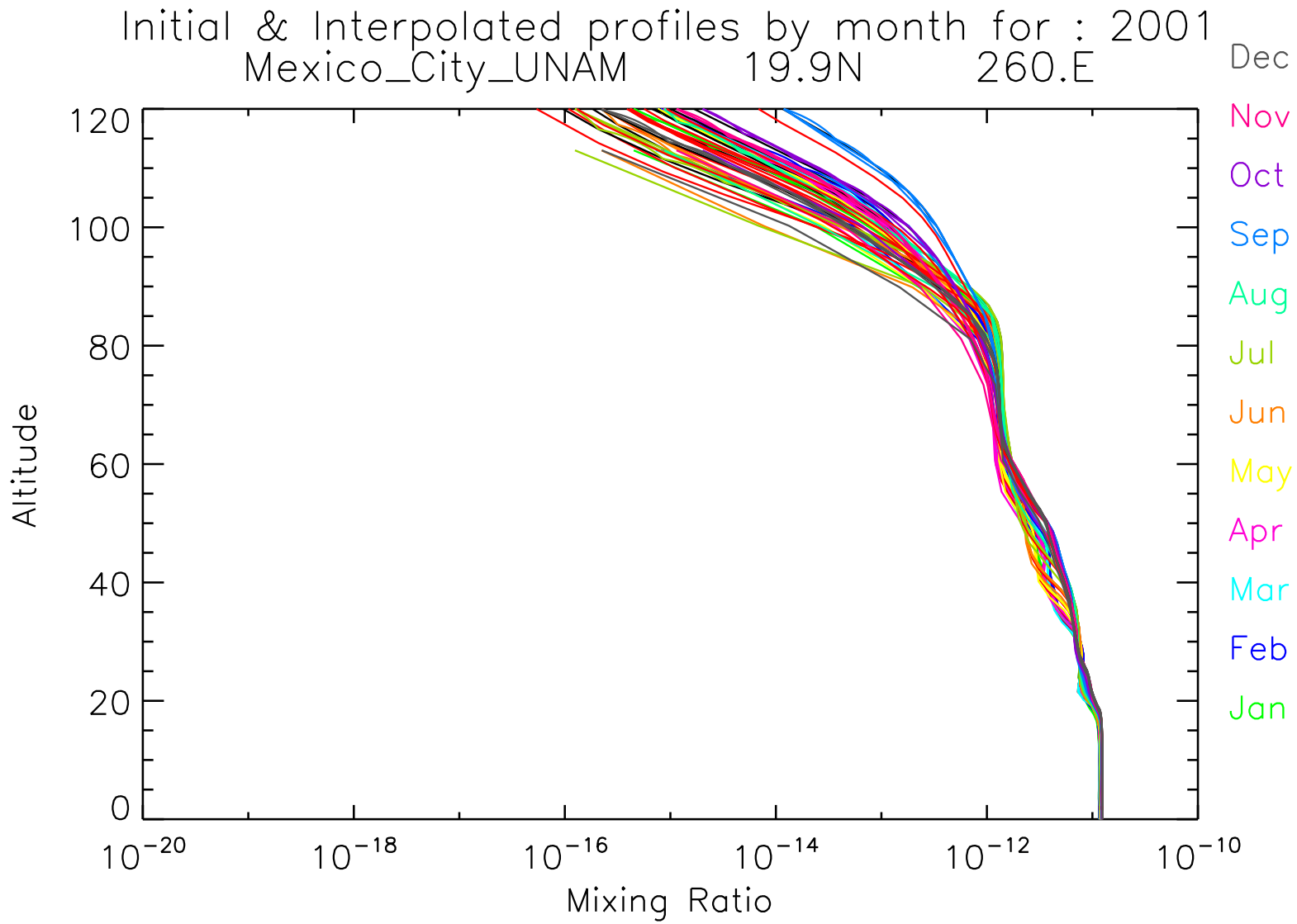
Mixing Ratio


Initial & Interpolated profiles by month for : 2001
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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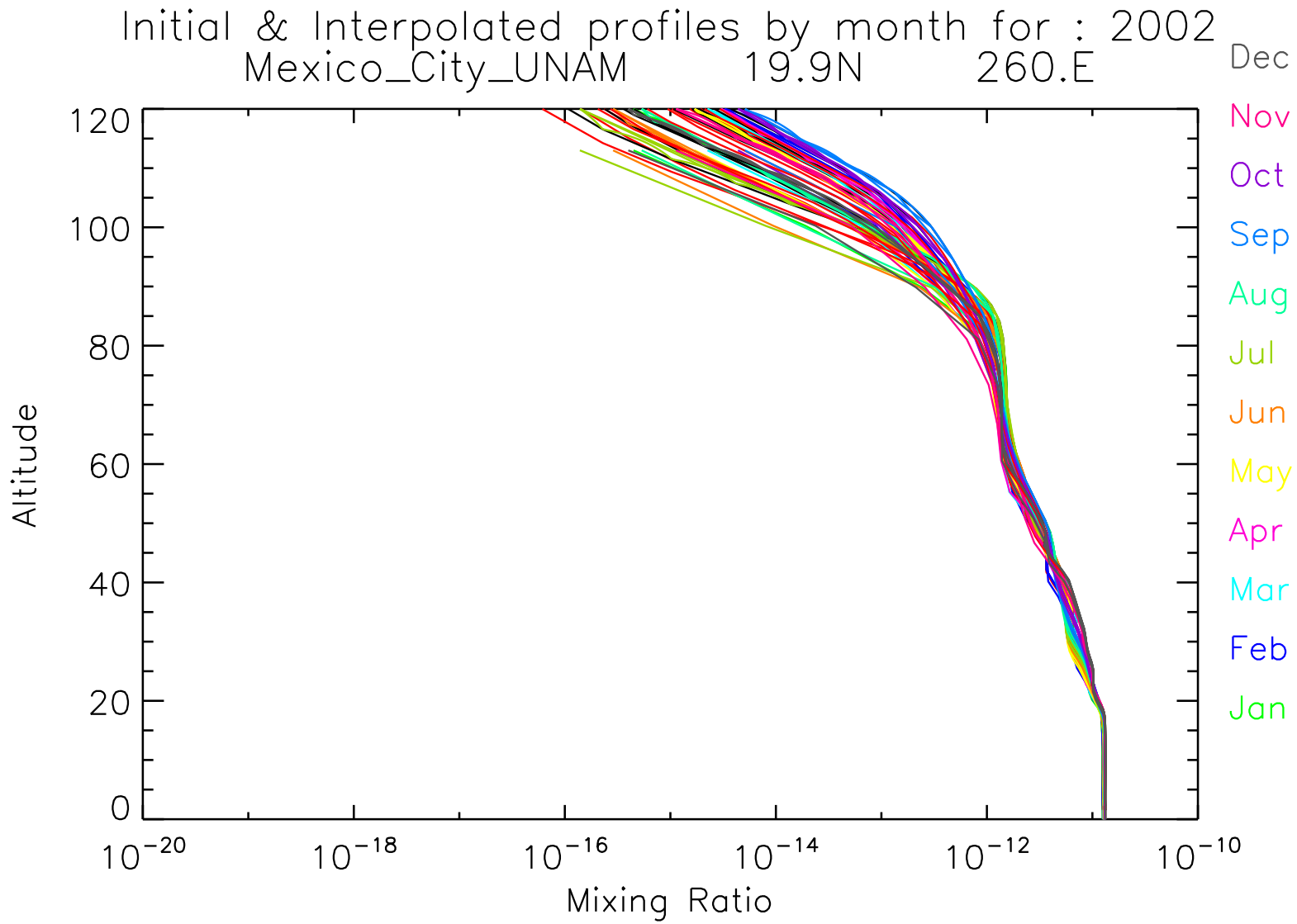
Initial & Interpolated profiles by month for : 2002
Mexico_City_UNAM 19.9N 260.E
Dec
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120
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Altitude
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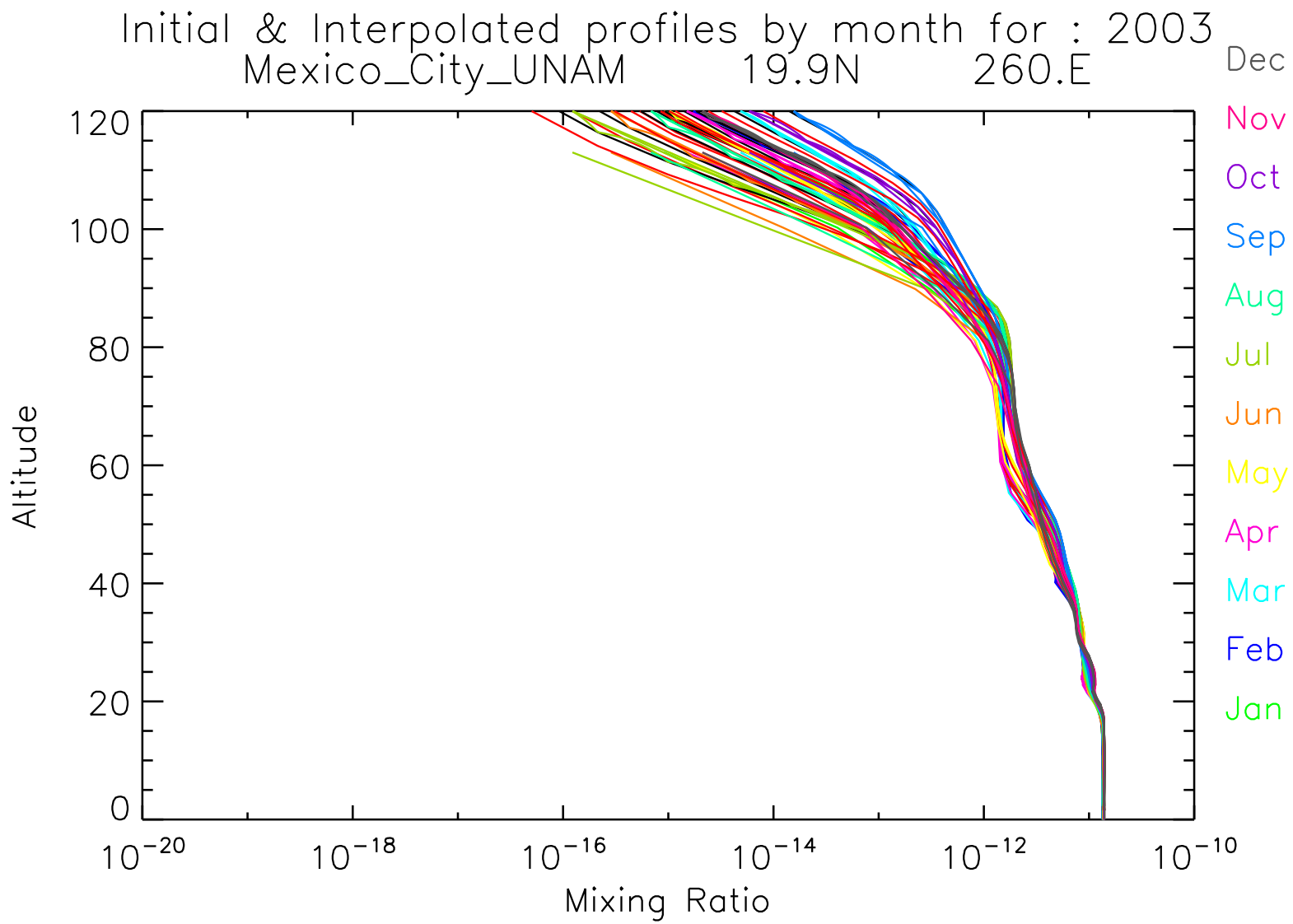
10^{-12}
10^{-10}
Mixing Ratio


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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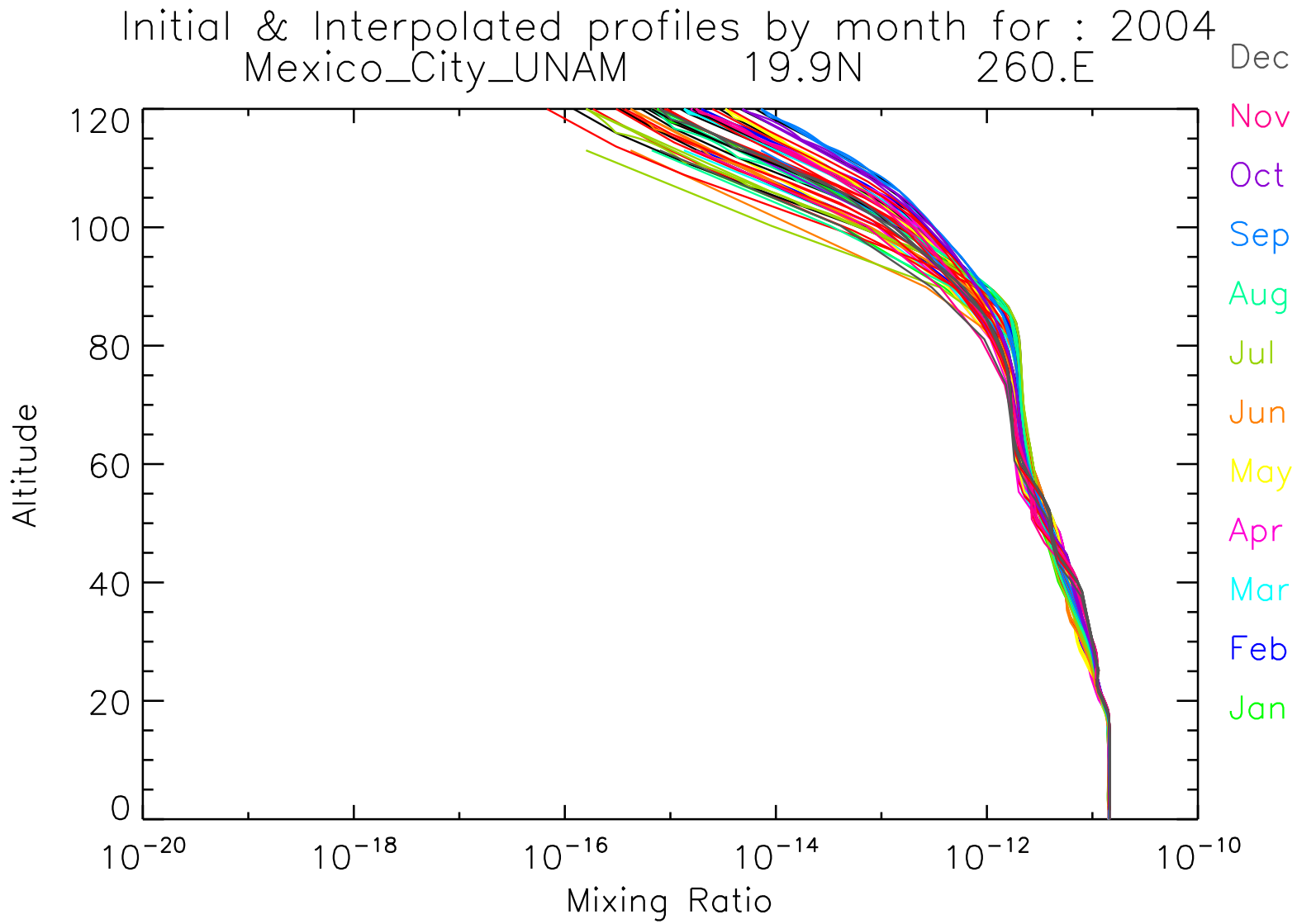
Initial & Interpolated profiles by month for : 2004
Mexico_City_UNAM 19.9N 260.E
Dec
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Jan
Altitude
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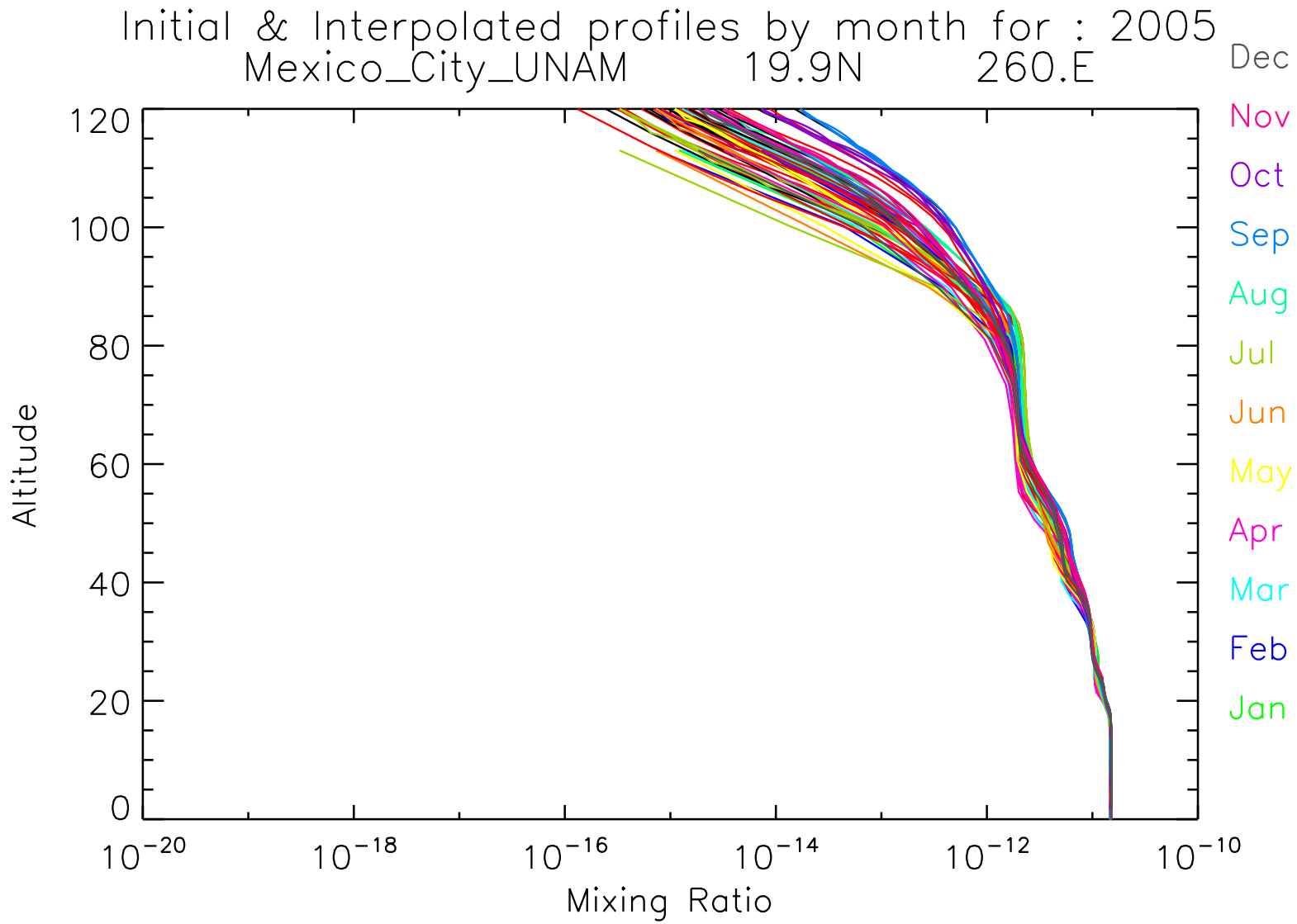
10^{-16}
10^{-14}
10^{-12}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2005
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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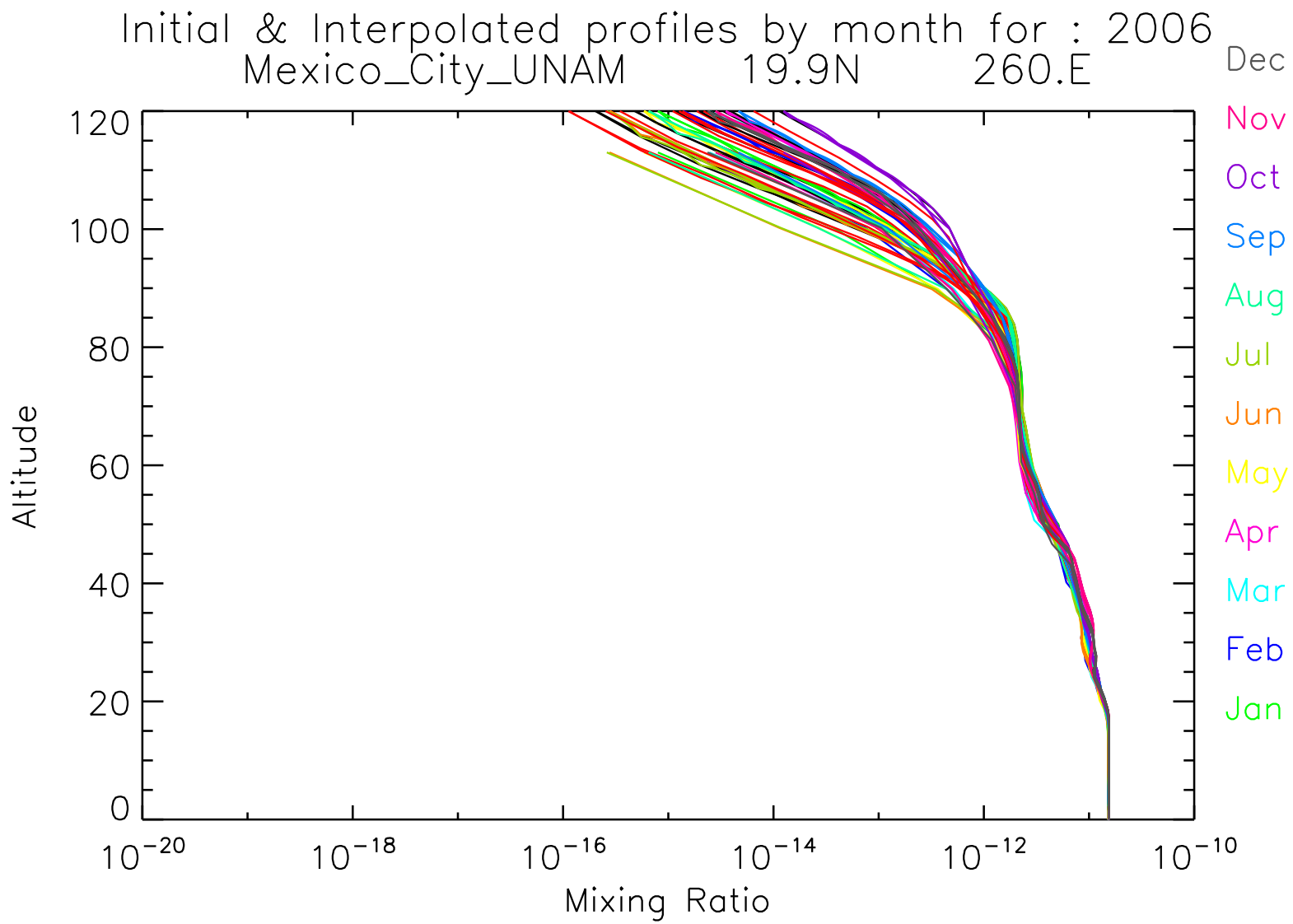
Initial & Interpolated profiles by month for : 2006
Mexico_City_UNAM 19.9N 260.E
Dec
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Jan
Altitude
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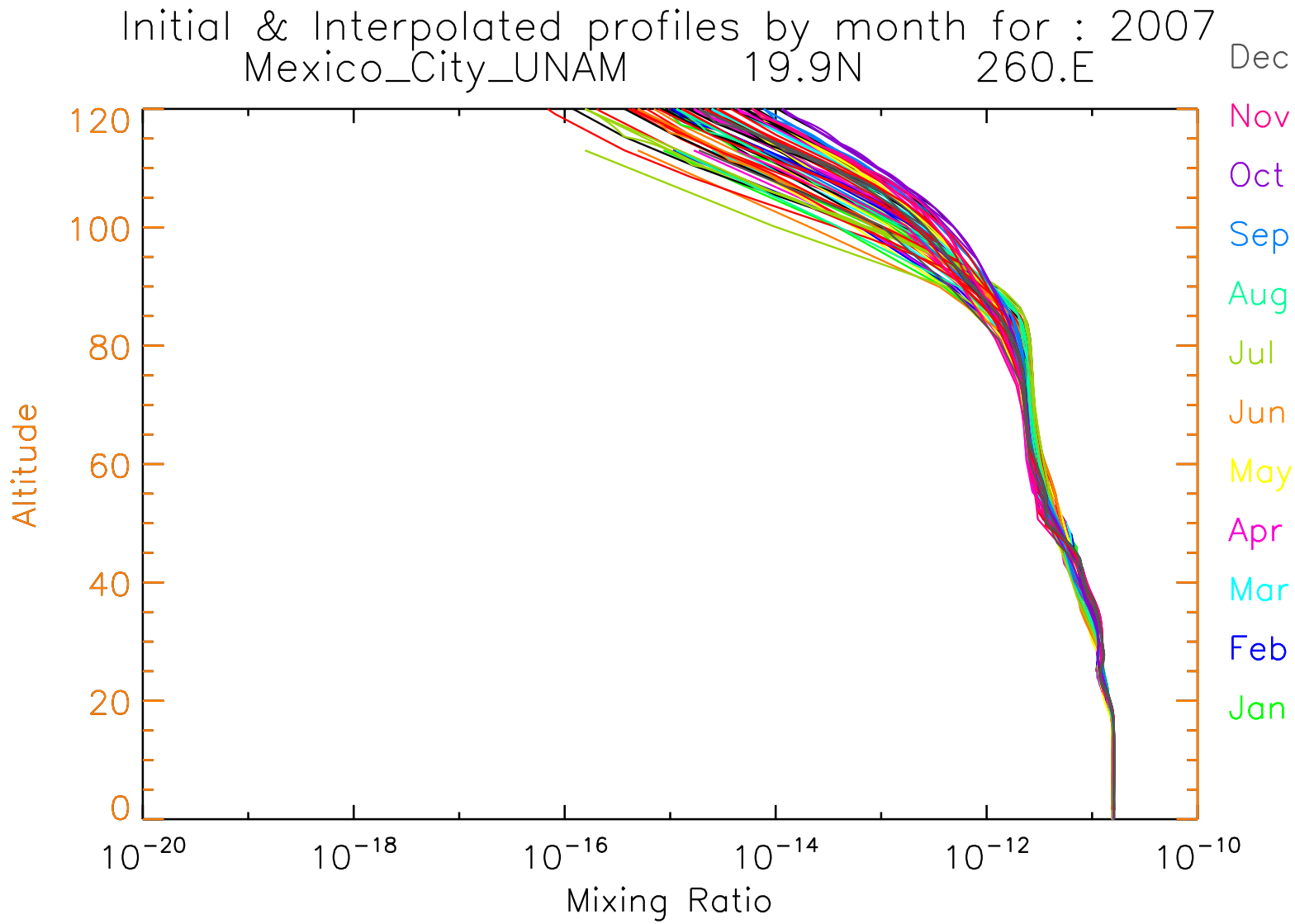
10^{-10}
Mixing Ratio


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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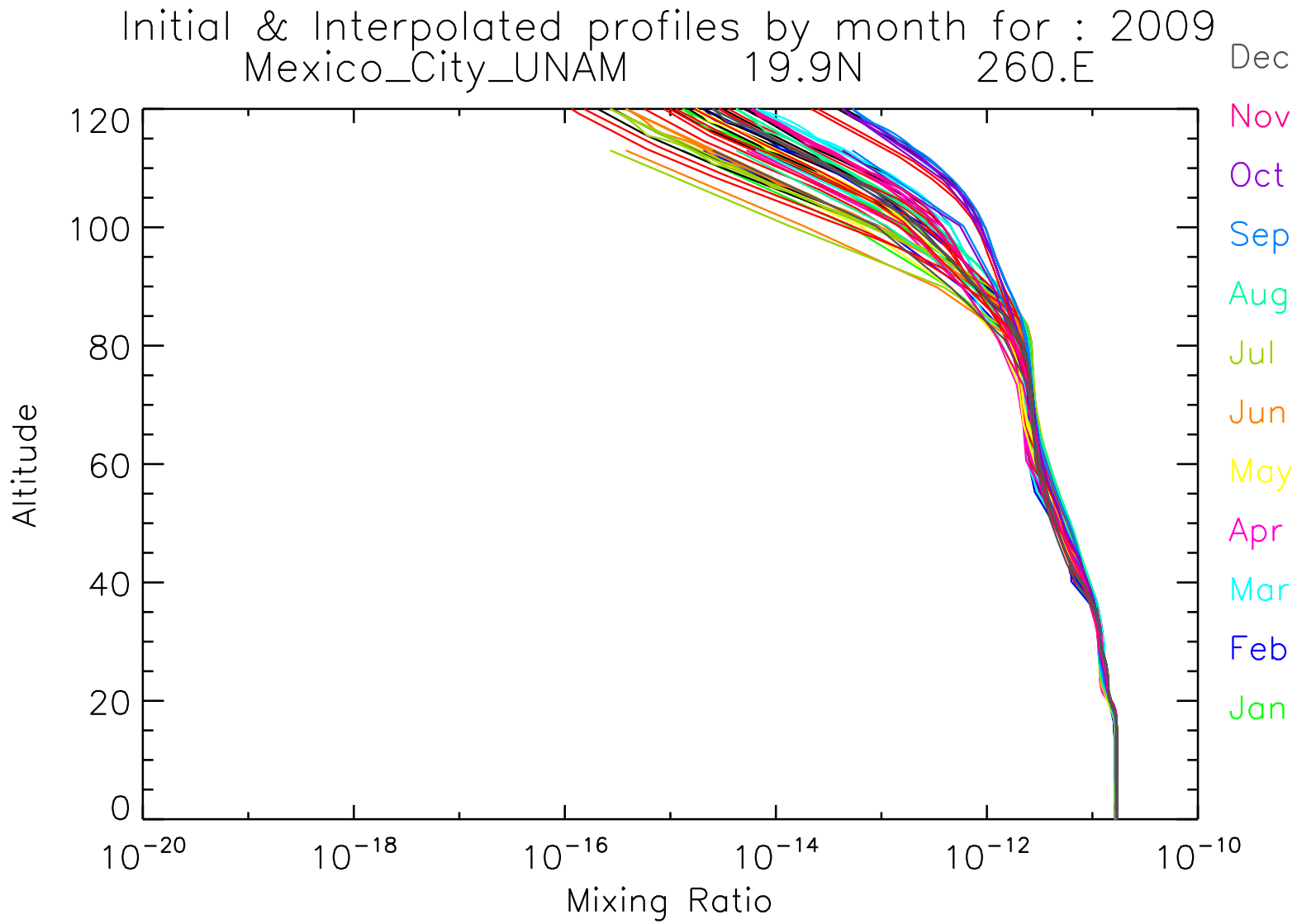
Initial & Interpolated profiles by month for : 2009
Mexico_City_UNAM 19.9N 260.E
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Altitude
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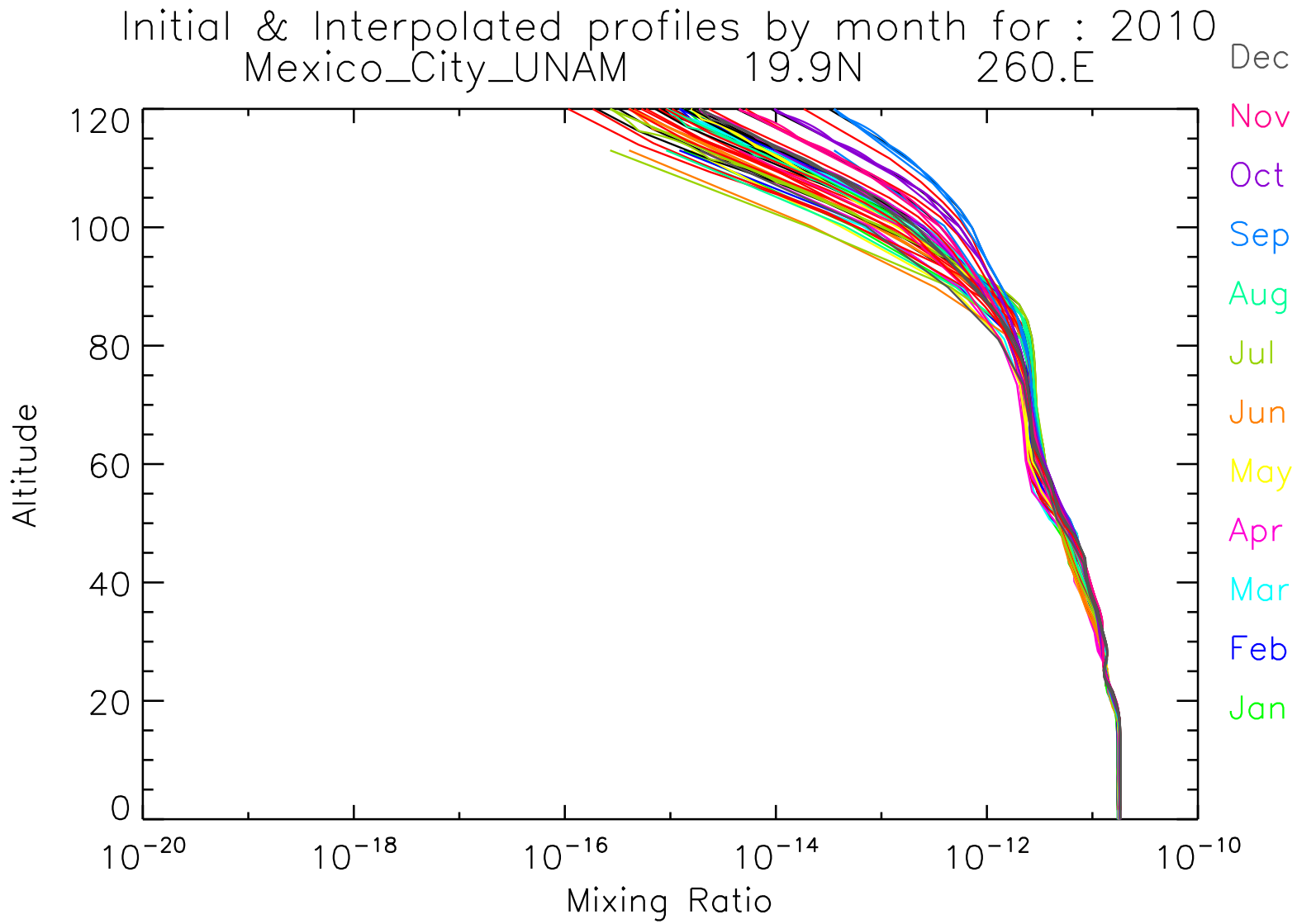
10^{-12}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2010
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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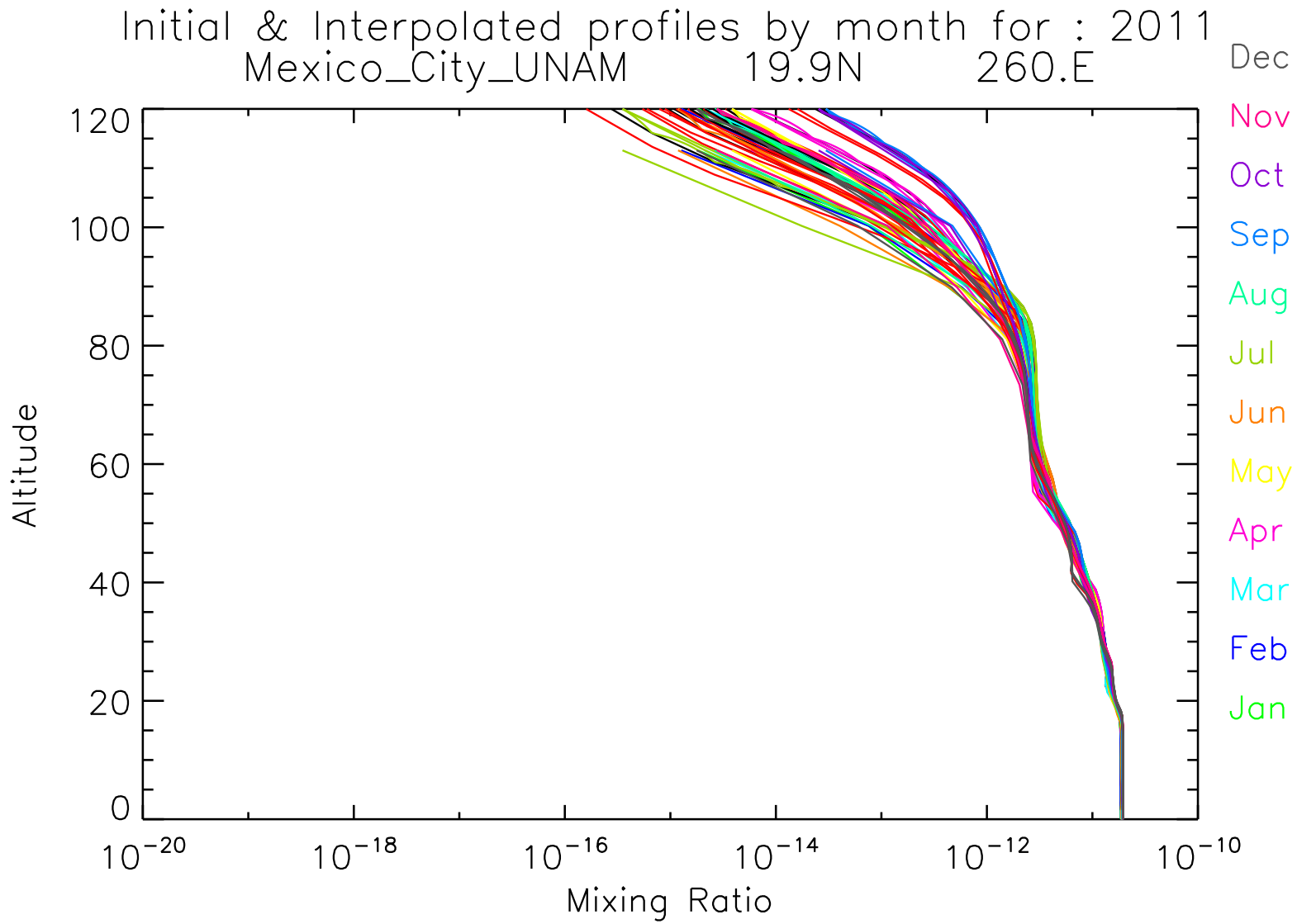
Initial & Interpolated profiles by month for : 2011
Mexico_City_UNAM 19.9N 260.E
Altitude
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Mixing Ratio
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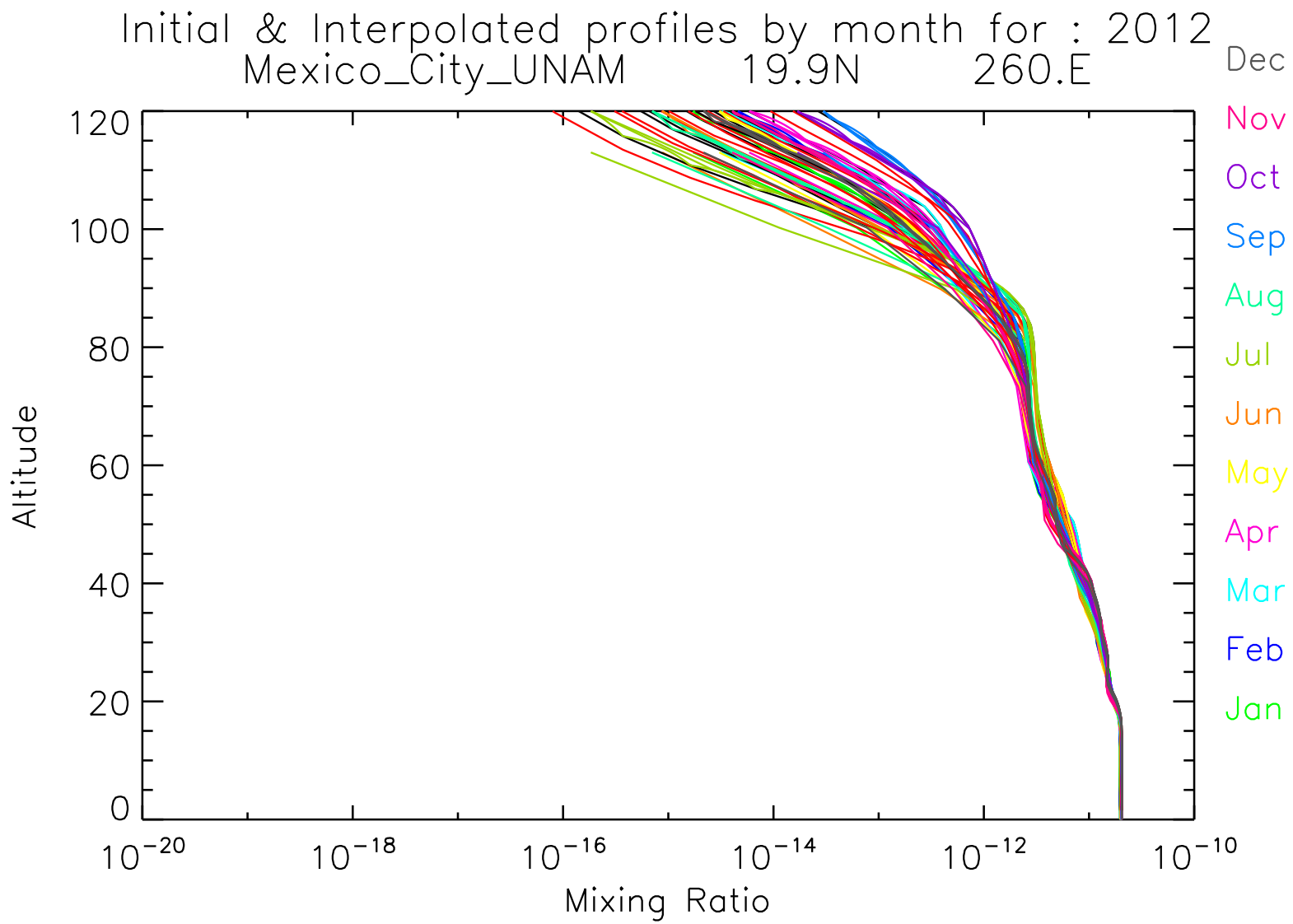
Initial & Interpolated profiles by month for : 2012
Mexico_City_UNAM 19.9N 260.E
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Altitude
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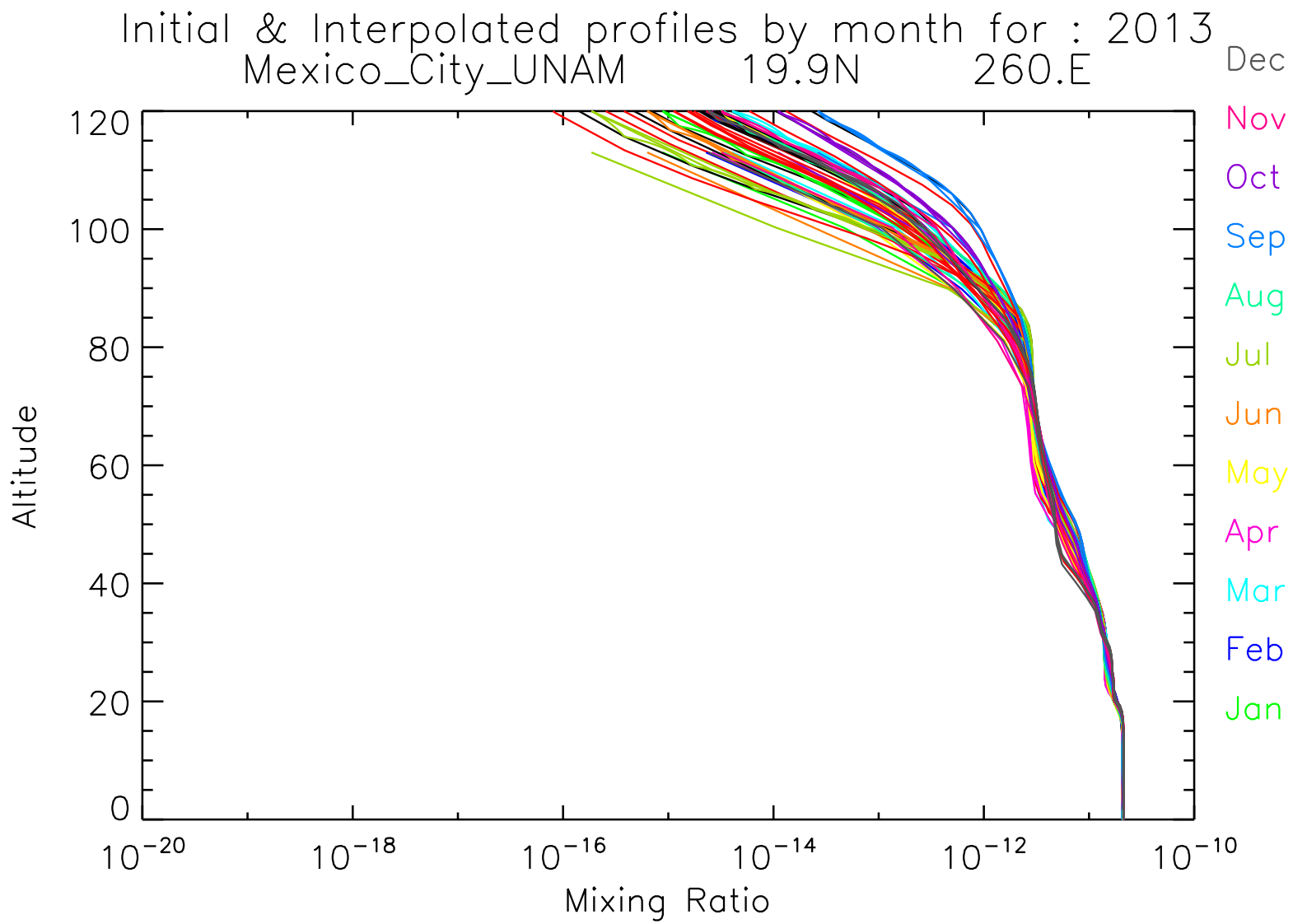
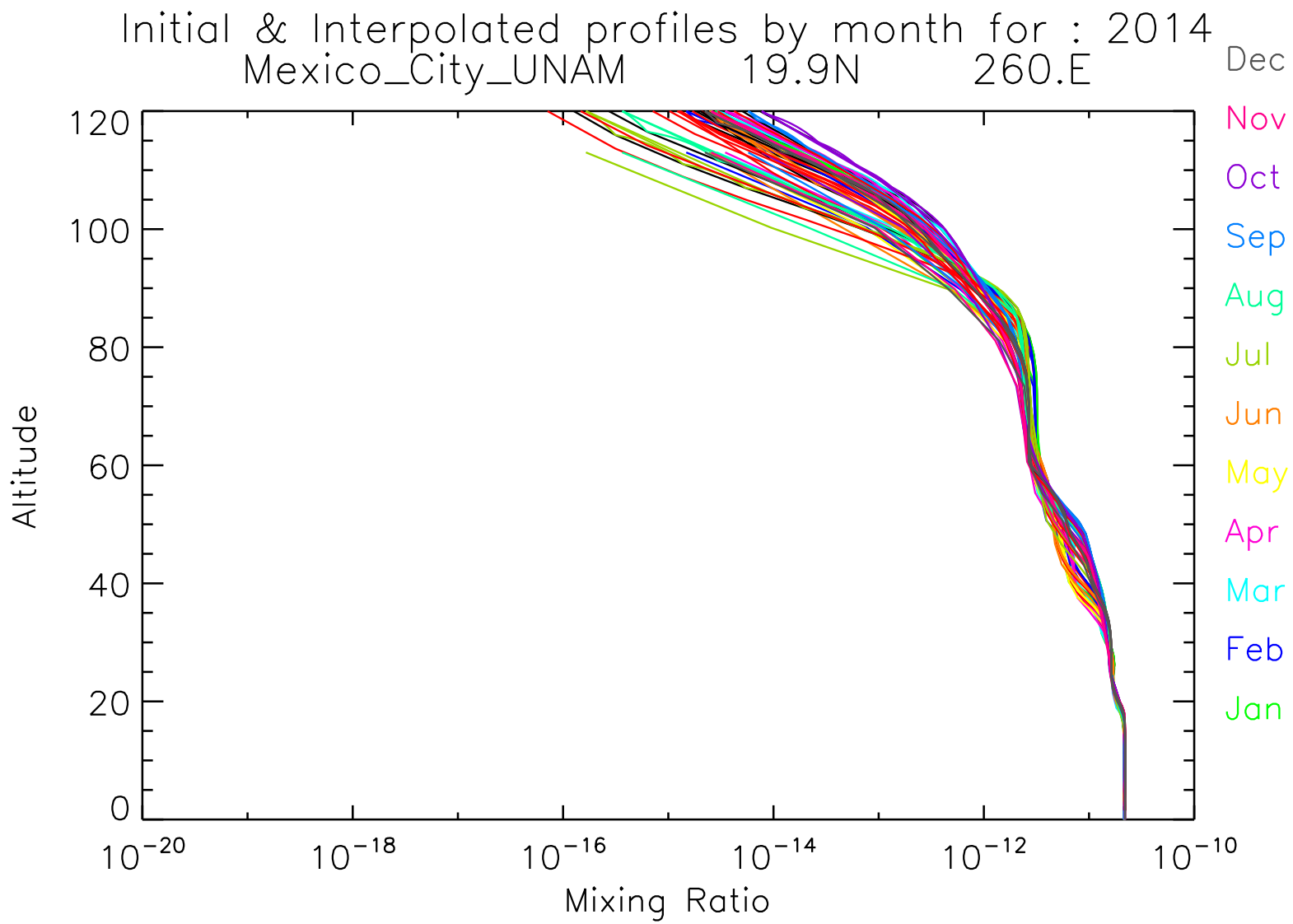
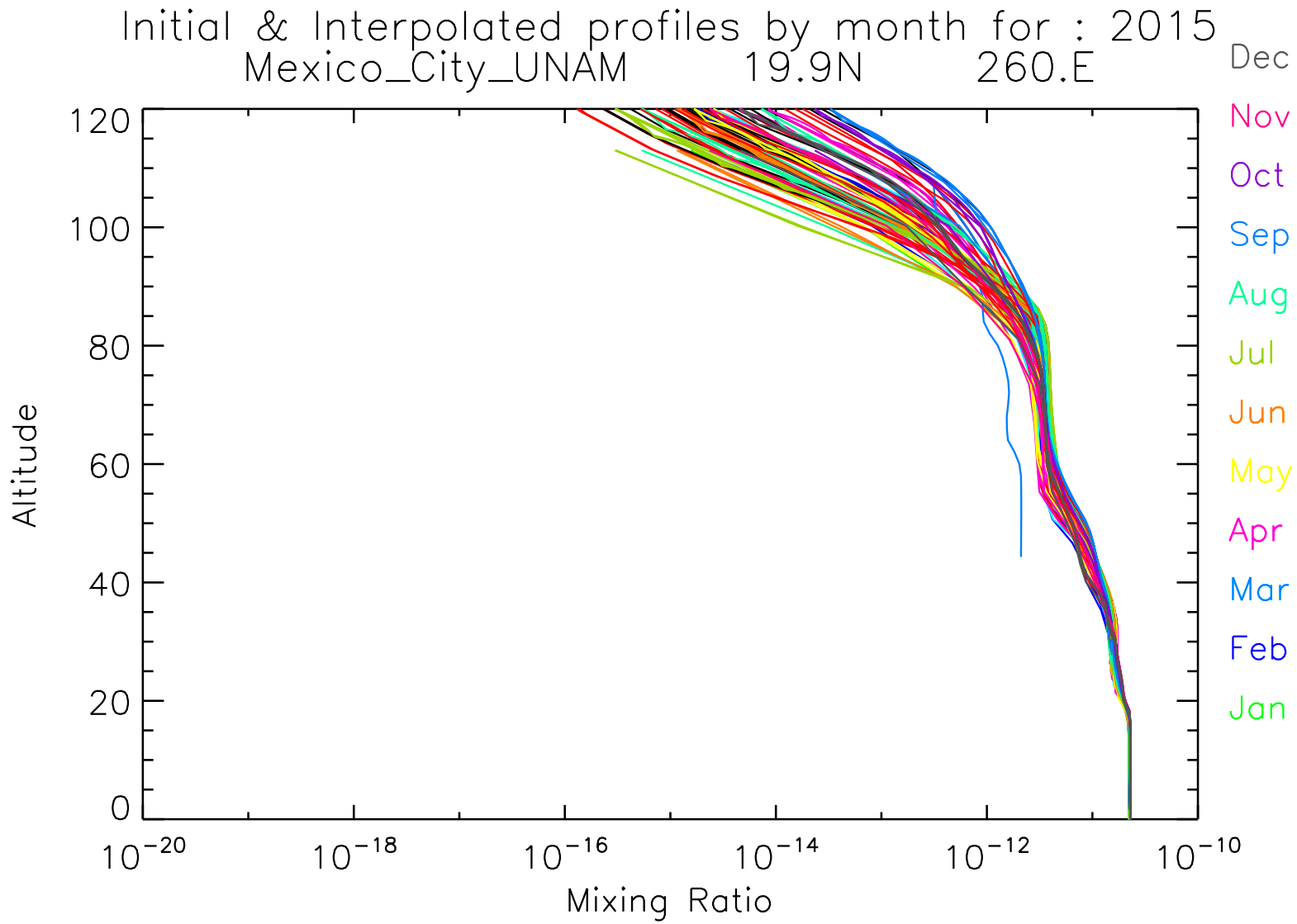
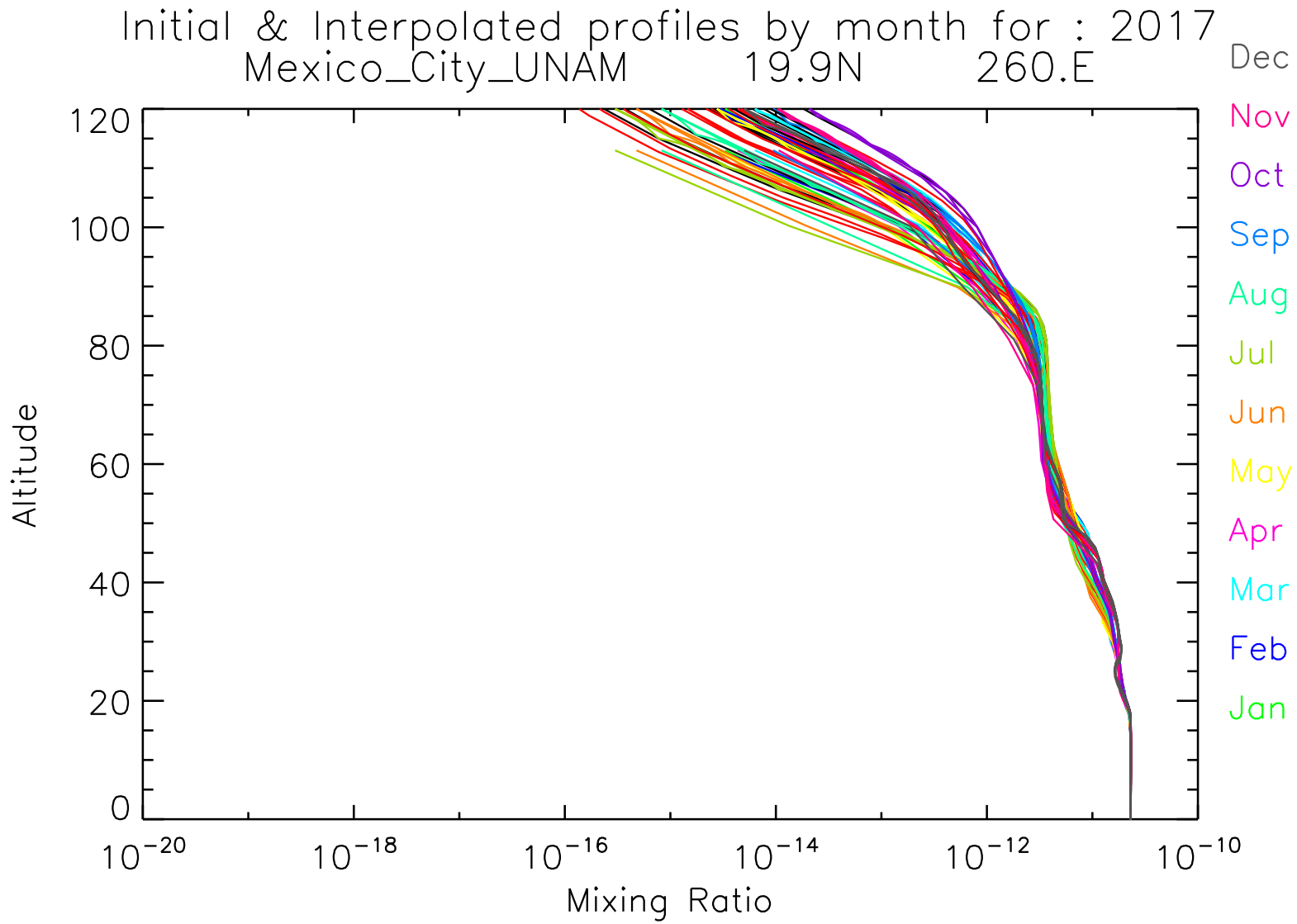
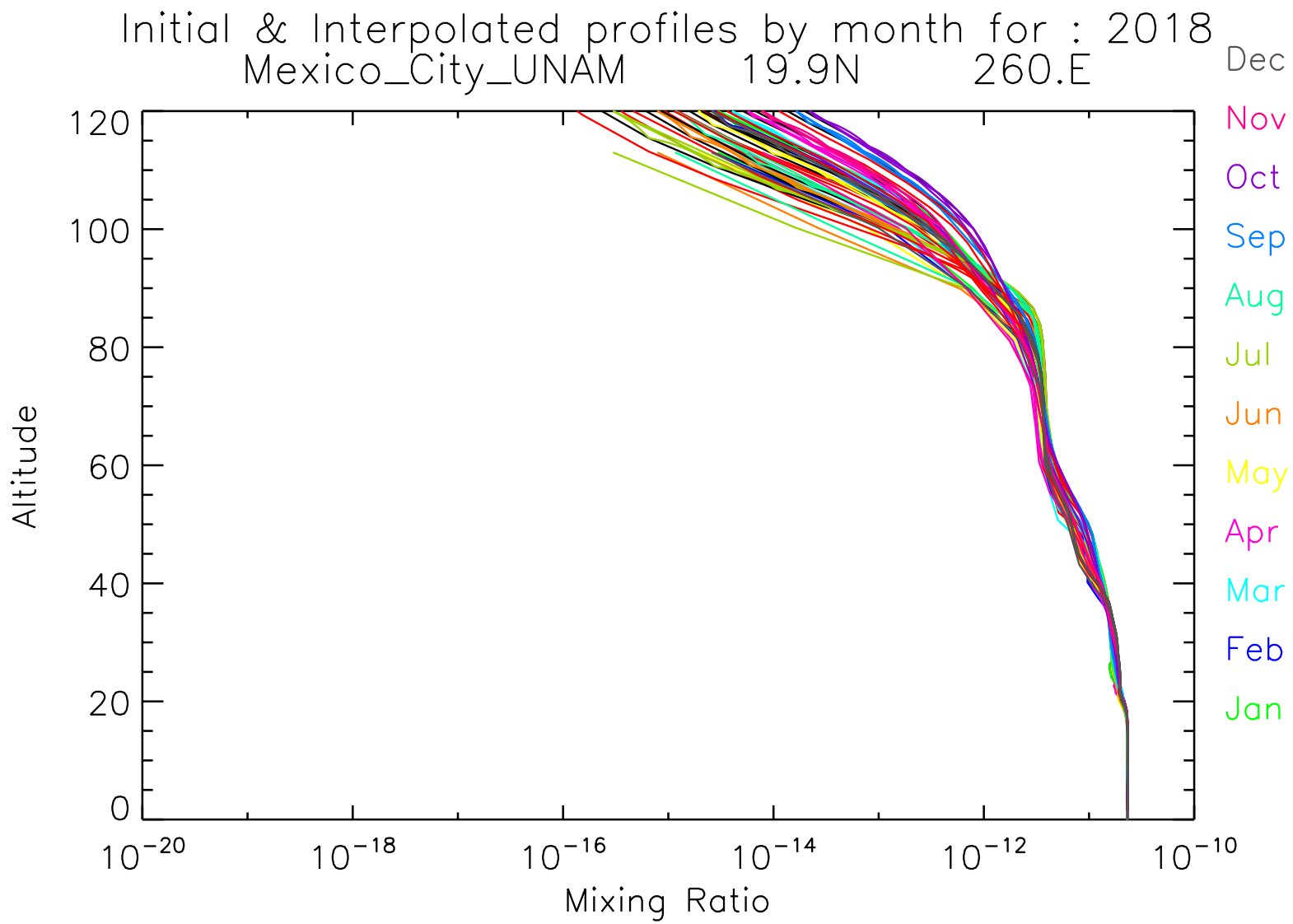
10^{-10}
Mixing Ratio

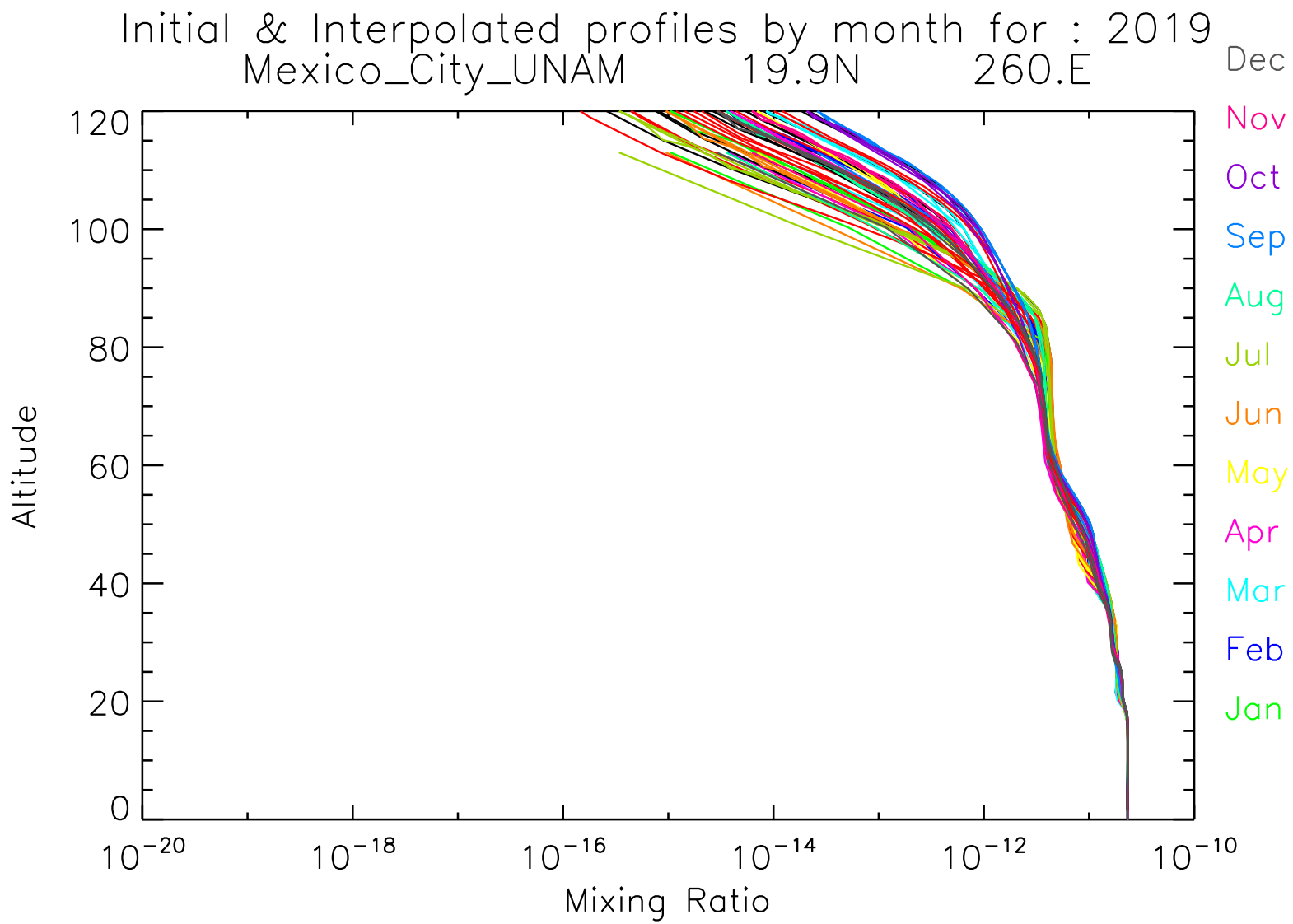

Initial & Interpolated profiles by month for : 2013
Mexico_City_UNAM 19.9N 260.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
Altitude
120
100
80
60
40
20
0
10^{-20}
10^{-18}
10^{-16}
10^{-14}
10^{-12}
10^{-10}
Mixing Ratio

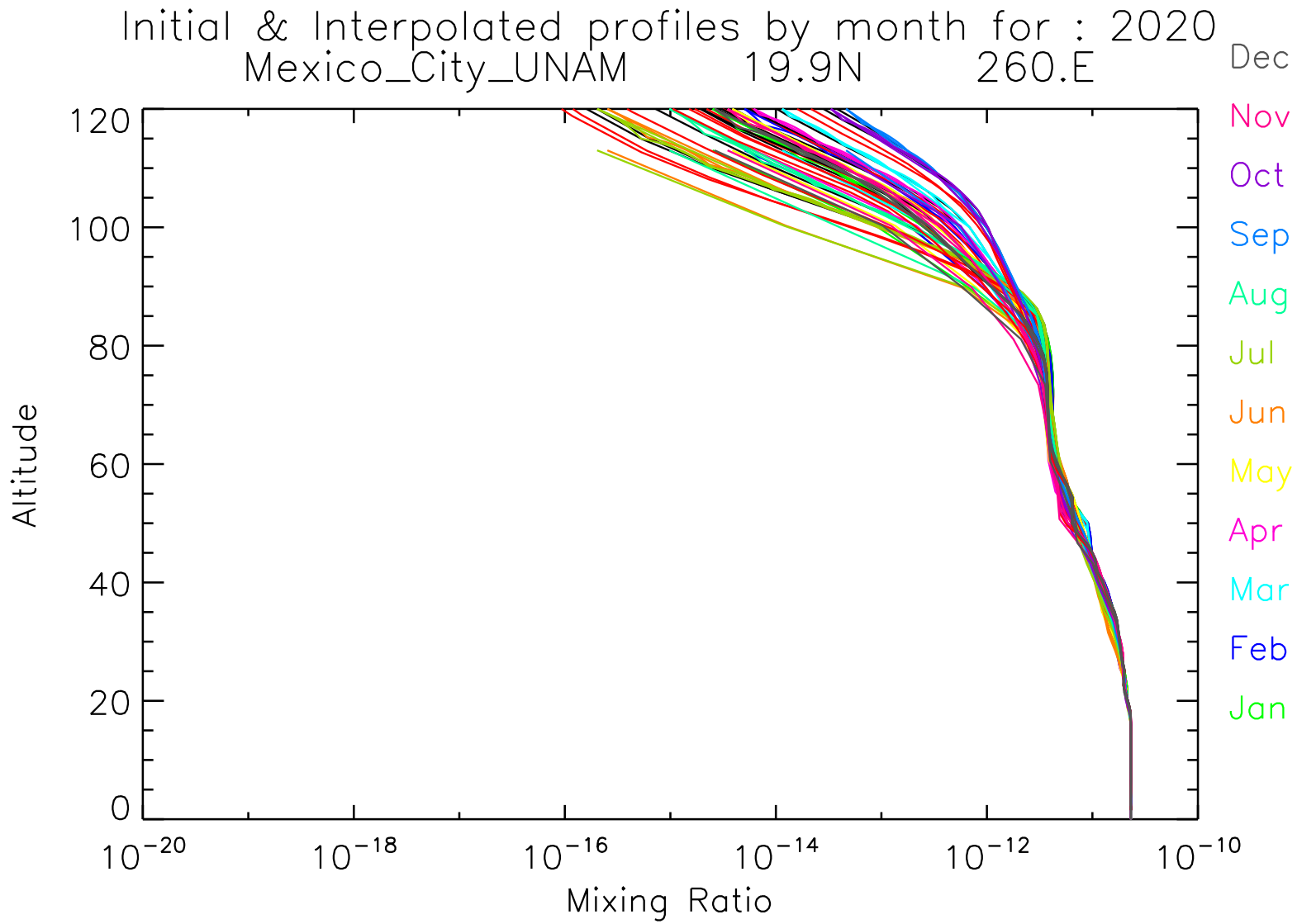

Initial & Interpolated profiles by month for : 2014
Mexico_City_UNAM 19.9N 260.E
Altitude
120
100
80
60
40
20
0
10^{-20}
10^{-18}
10^{-16}
10^{-14}
10^{-12}
10^{-10}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

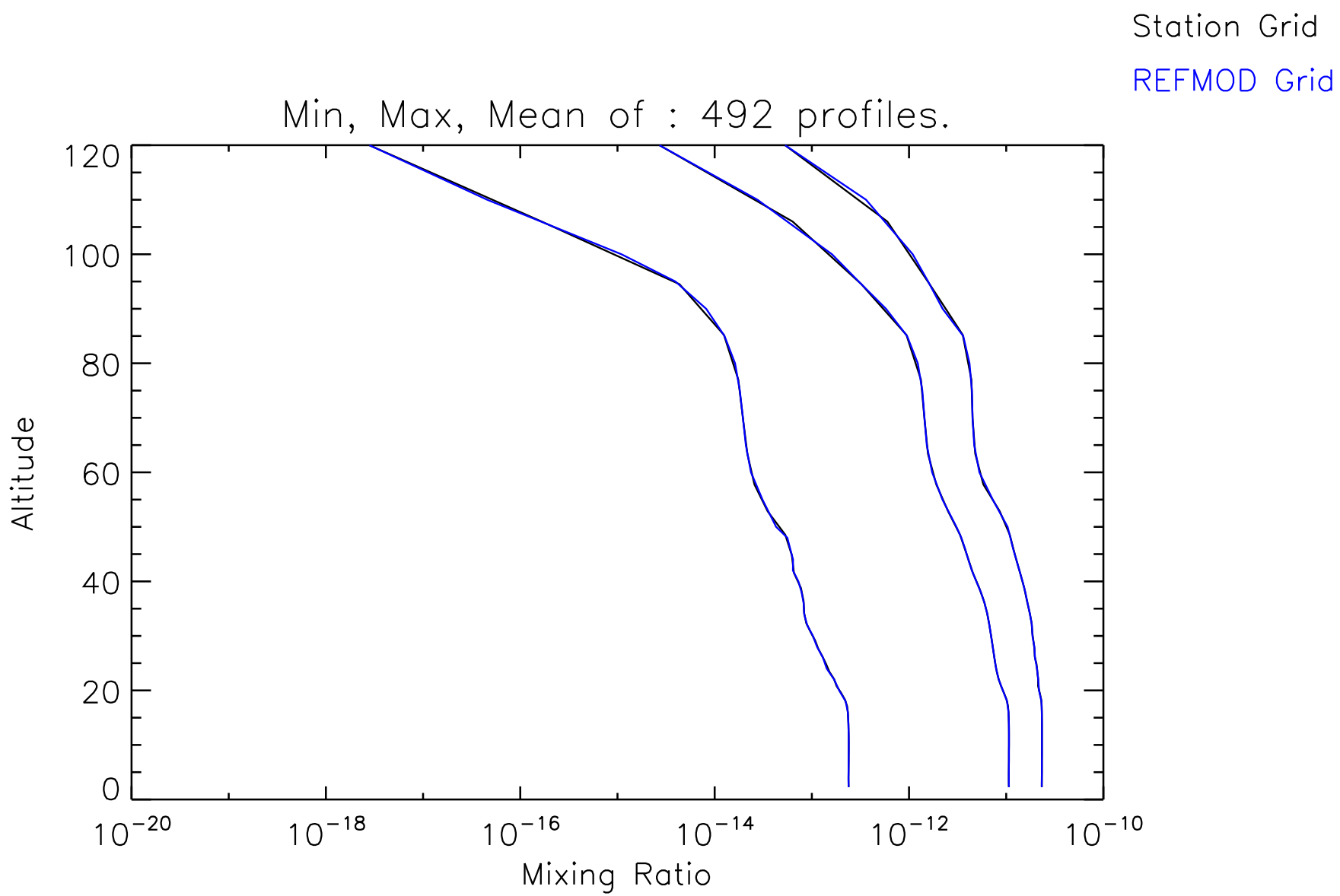

Initial & Interpolated profiles by month for : 2015
Mexico_City_UNAM 19.9N 260.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
Altitude
120
100
80
60
40
20
0
10^{-20}
10^{-18}
10^{-16}
10^{-14}
10^{-12}
10^{-10}
Mixing Ratio

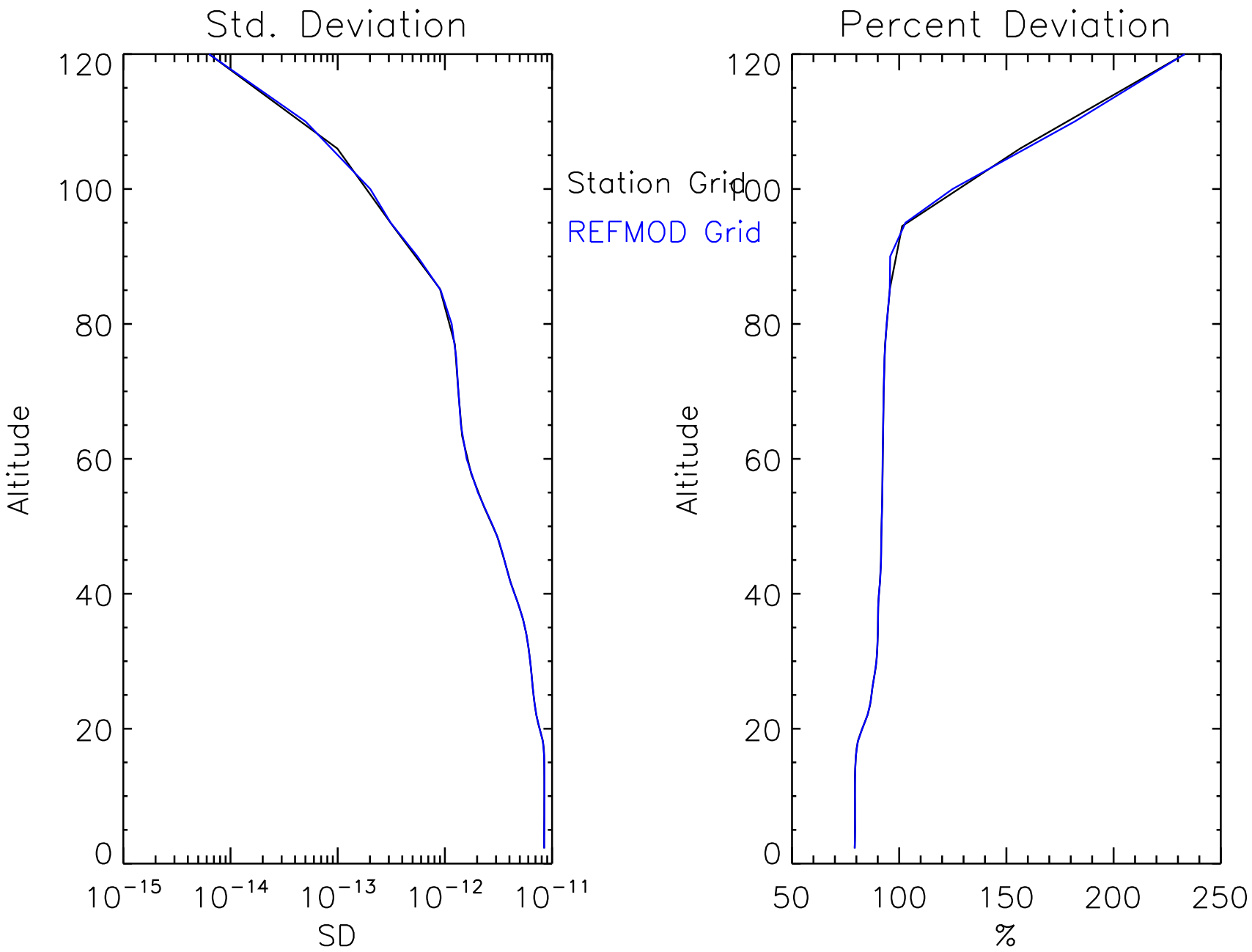

Initial & Interpolated profiles by month for : 2017
Mexico_City_UNAM 19.9N 260.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
Altitude
120
100
80
60
40
20
0
10^{-20}
10^{-18}
10^{-16}
10^{-14}
10^{-12}
10^{-10}
Mixing Ratio

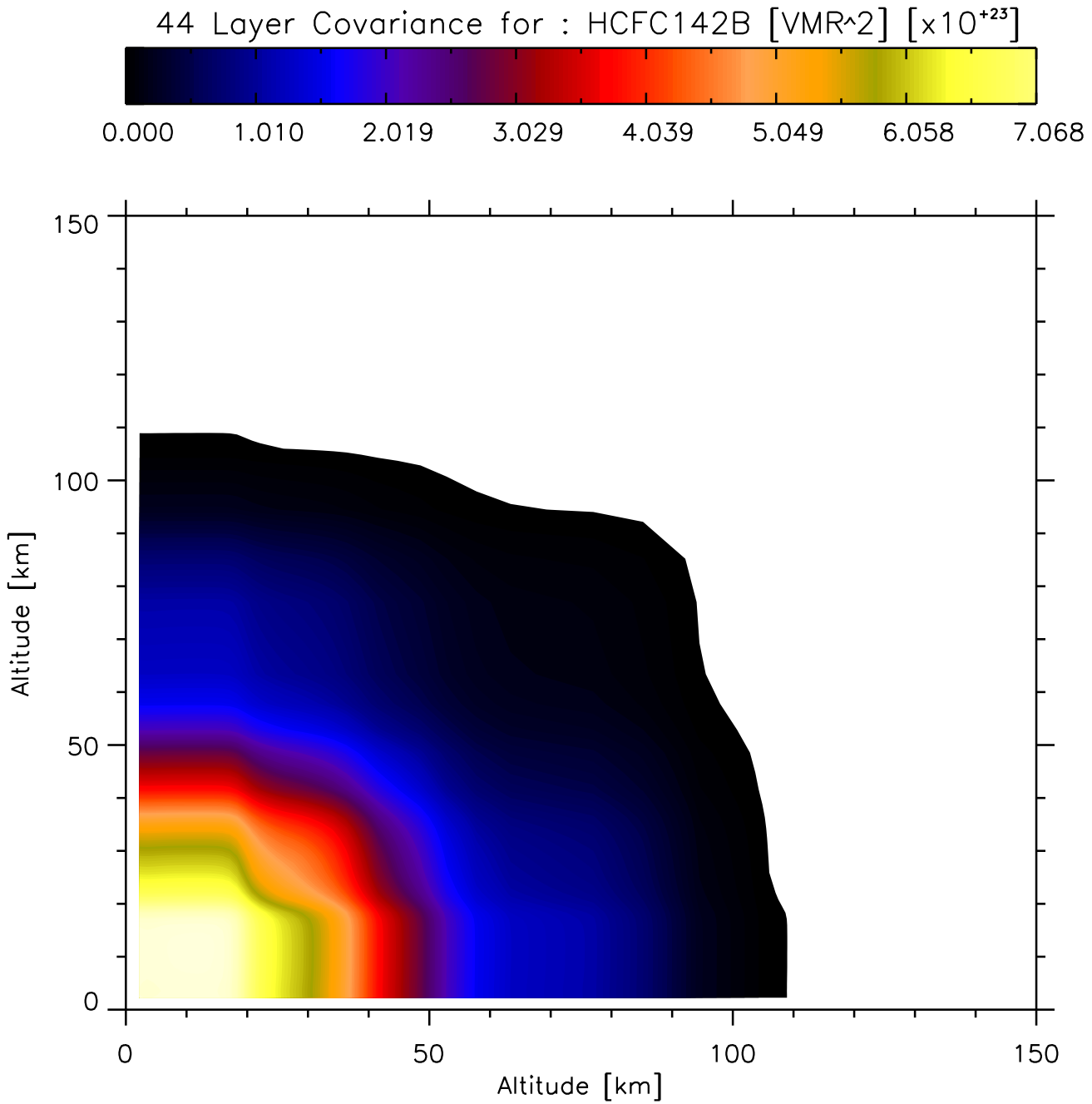

Initial & Interpolated profiles by month for : 2018
Mexico_City_UNAM 19.9N 260.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
Altitude
120
100
80
60
40
20
0
10^{-20}
10^{-18}
10^{-16}
10^{-14}
10^{-12}
10^{-10}
Mixing Ratio

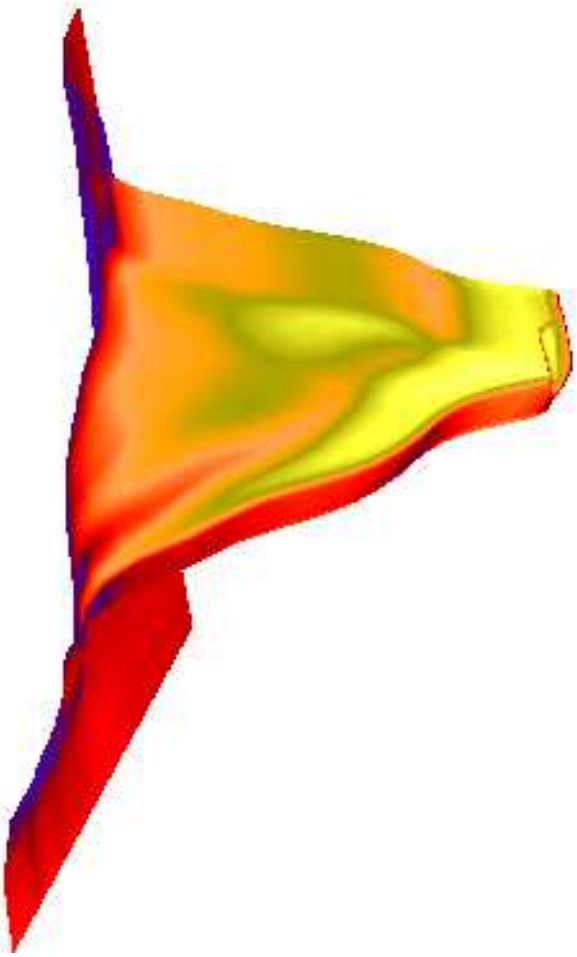

Initial & Interpolated profiles by month for : 2019
Mexico_City_UNAM 19.9N 260.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
Altitude
120
100
80
60
40
20
0
10^{-20}
10^{-18}
10^{-16}
10^{-14}
10^{-12}
10^{-10}
Mixing Ratio

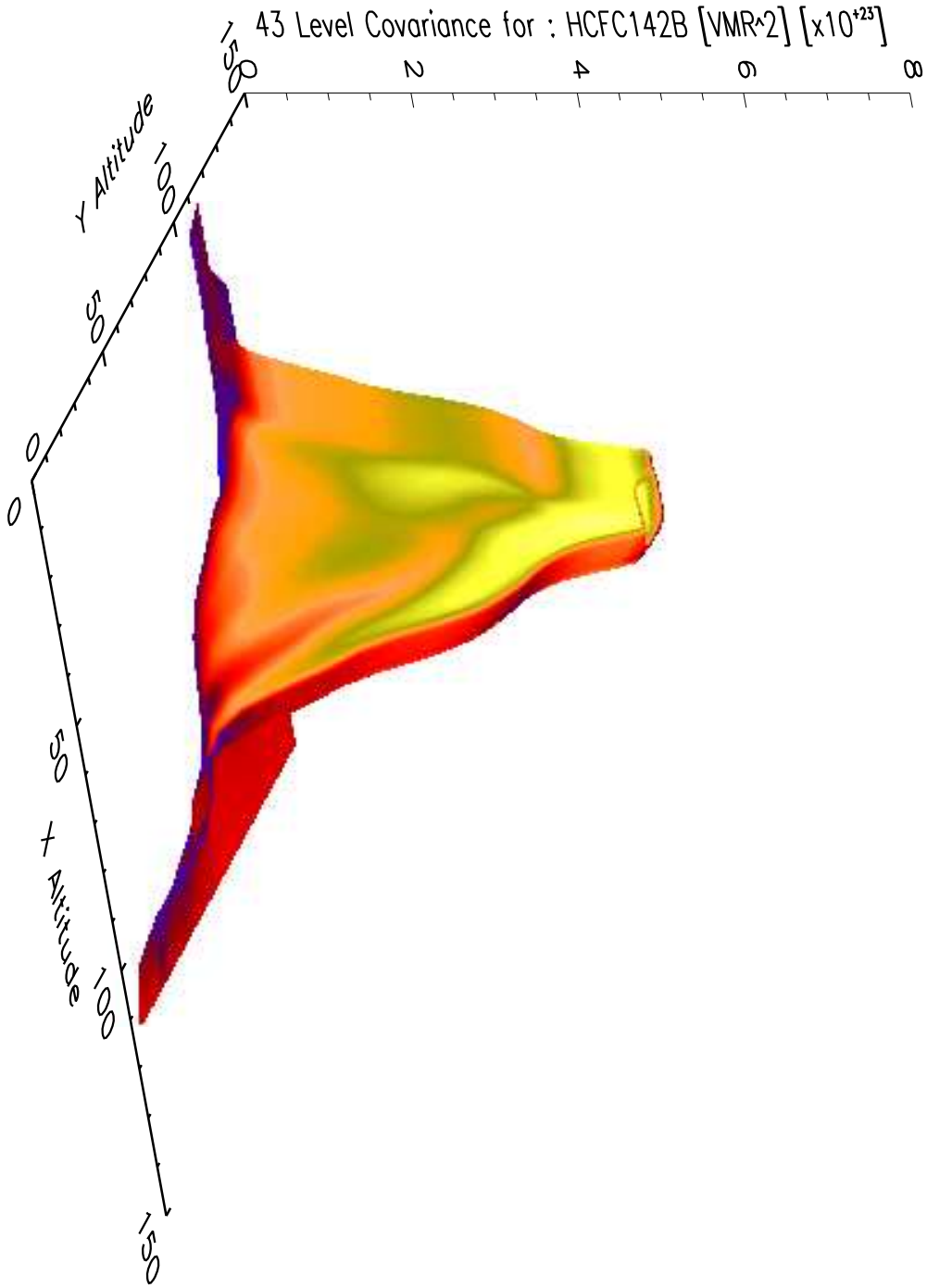

Initial & Interpolated profiles by month for : 2020
Mexico_City_UNAM 19.9N 260.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
Altitude
120
100
80
60
40
20
0
10^{-20}
10^{-18}
10^{-16}
10^{-14}
10^{-12}
10^{-10}
Mixing Ratio


Station Grid
REFMOD Grid
Min, Max, Mean of : 492 profiles.
Altitude
120
100
80
60
40
20
0
10^{-20}
10^{-18}
10^{-16}
10^{-14}
10^{-12}
10^{-10}
Mixing Ratio


Std. Deviation
Percent Deviation
Station Grid
REFMOD Grid
Altitude
Altitude
120
100
80
60
40
20
0
10^{-15}
10^{-14}
10^{-13}
10^{-12}
10^{-11}
SD
50
100
150
200
250
%


44 Layer Covariance for : HCFC142B [VMR^2] [x10^+23]
0.000
1.010
2.019
3.029
4.039
5.049
6.058
7.068
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]




43 Level Covariance for : HCFC142B [VMR^2] [x10^-23]
0
2
4
6
8
Y Altitude
0
25
50
75
100
125
0
25
50
75
100
125
X Altitude