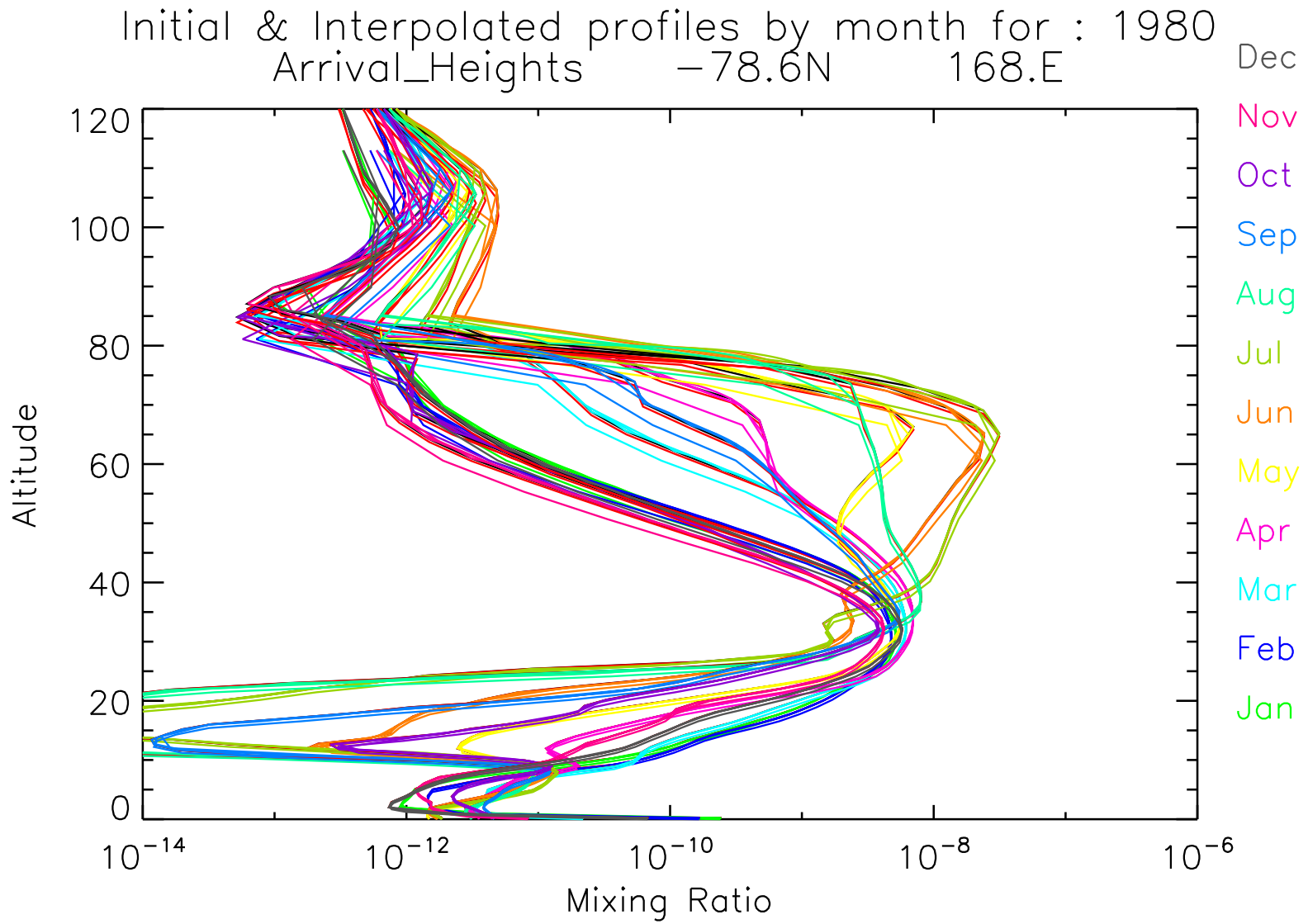
Initial & Interpolated profiles by month for : 1980
Arrival_Heights −78.6N 168.E
Altitude
120
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Mixing Ratio
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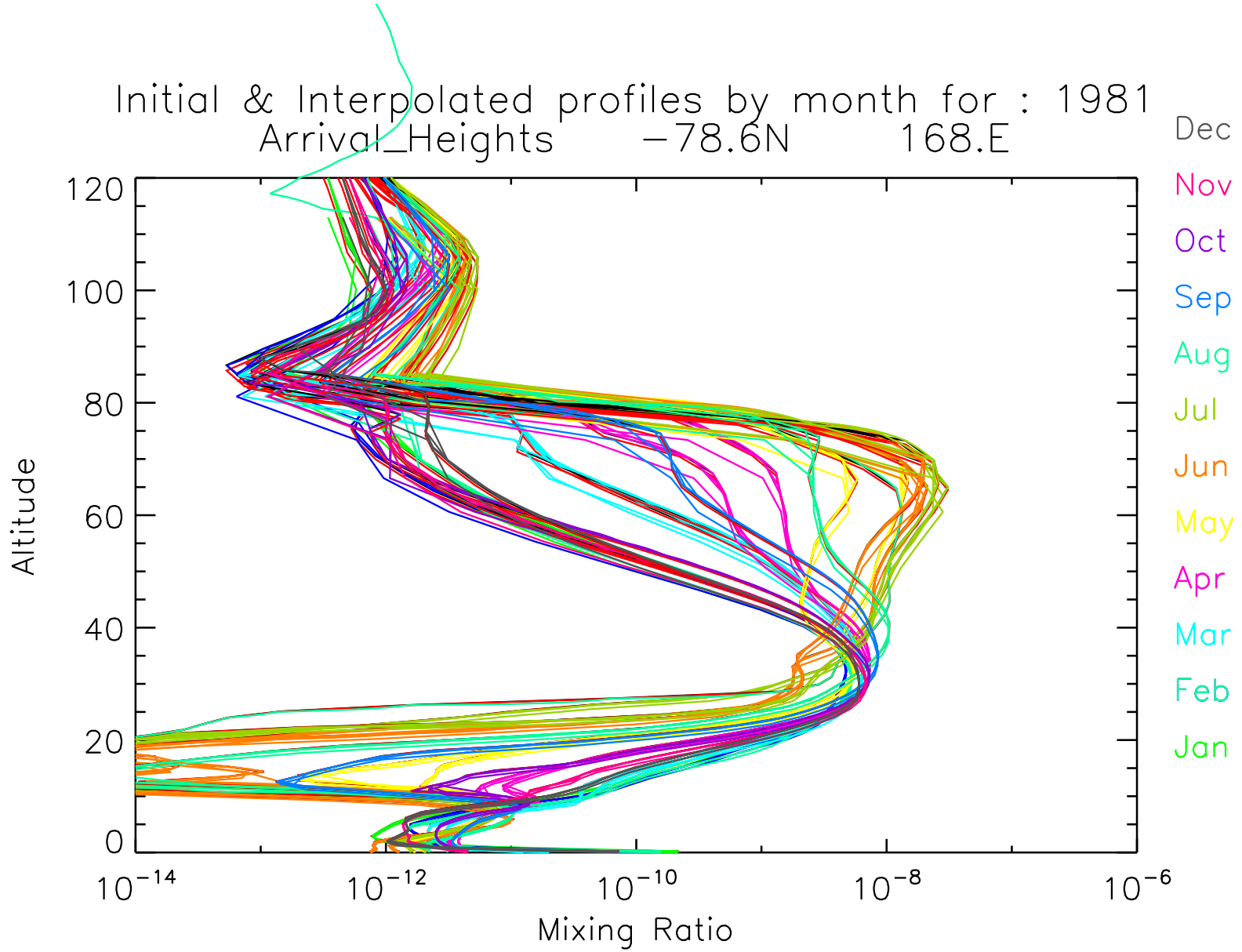
Initial & Interpolated profiles by month for : 1981
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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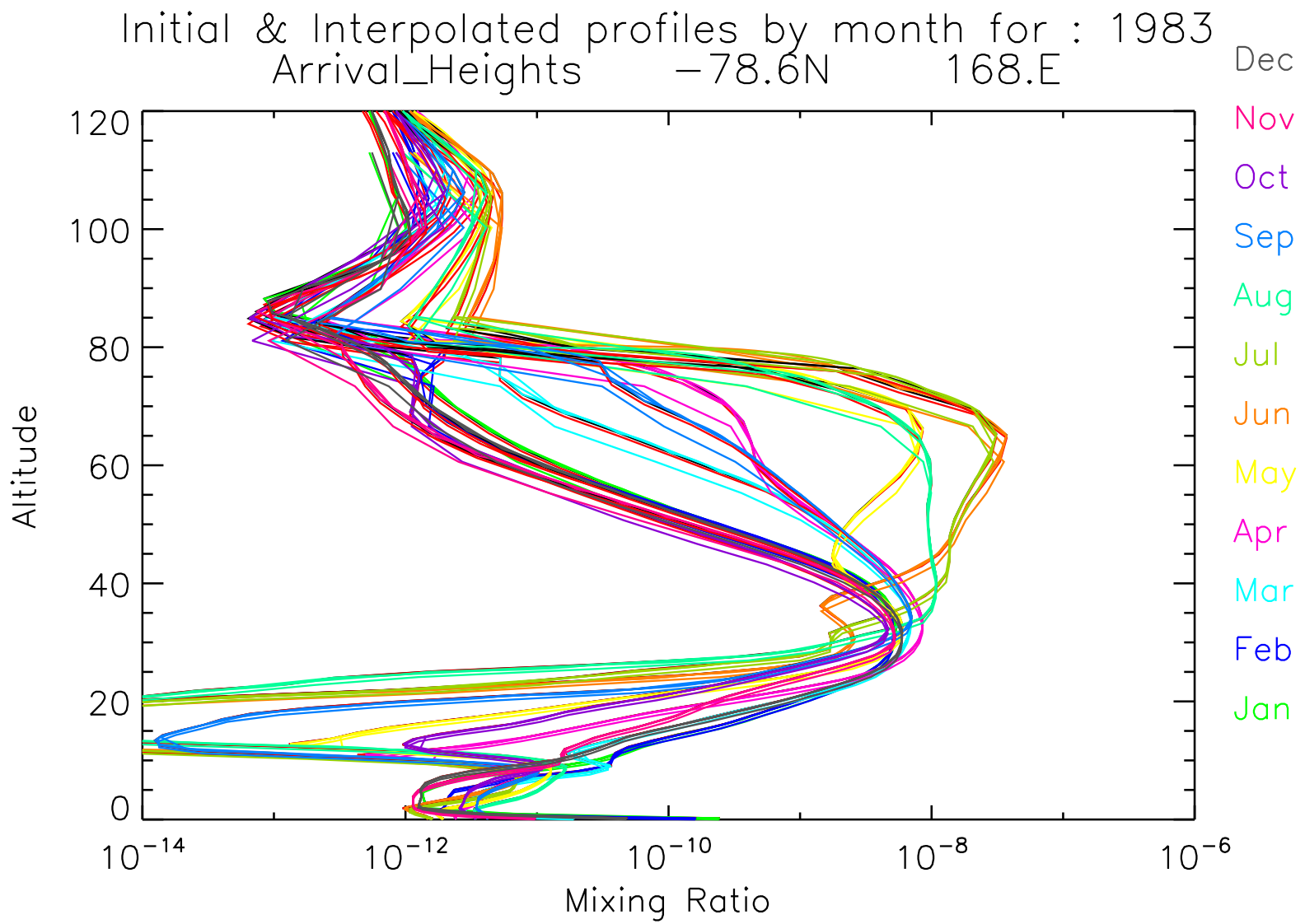
Initial & Interpolated profiles by month for : 1983
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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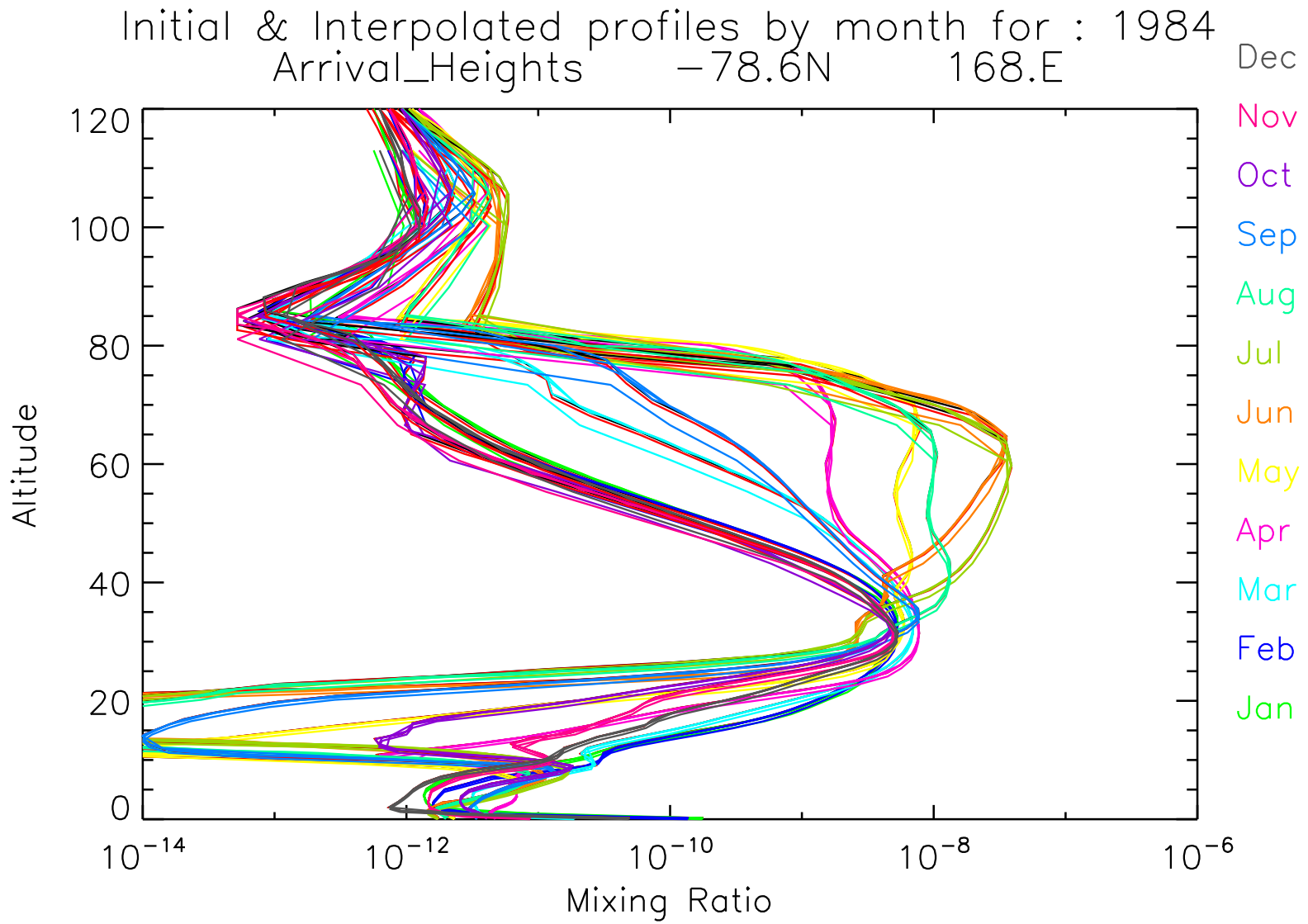
Initial & Interpolated profiles by month for : 1984
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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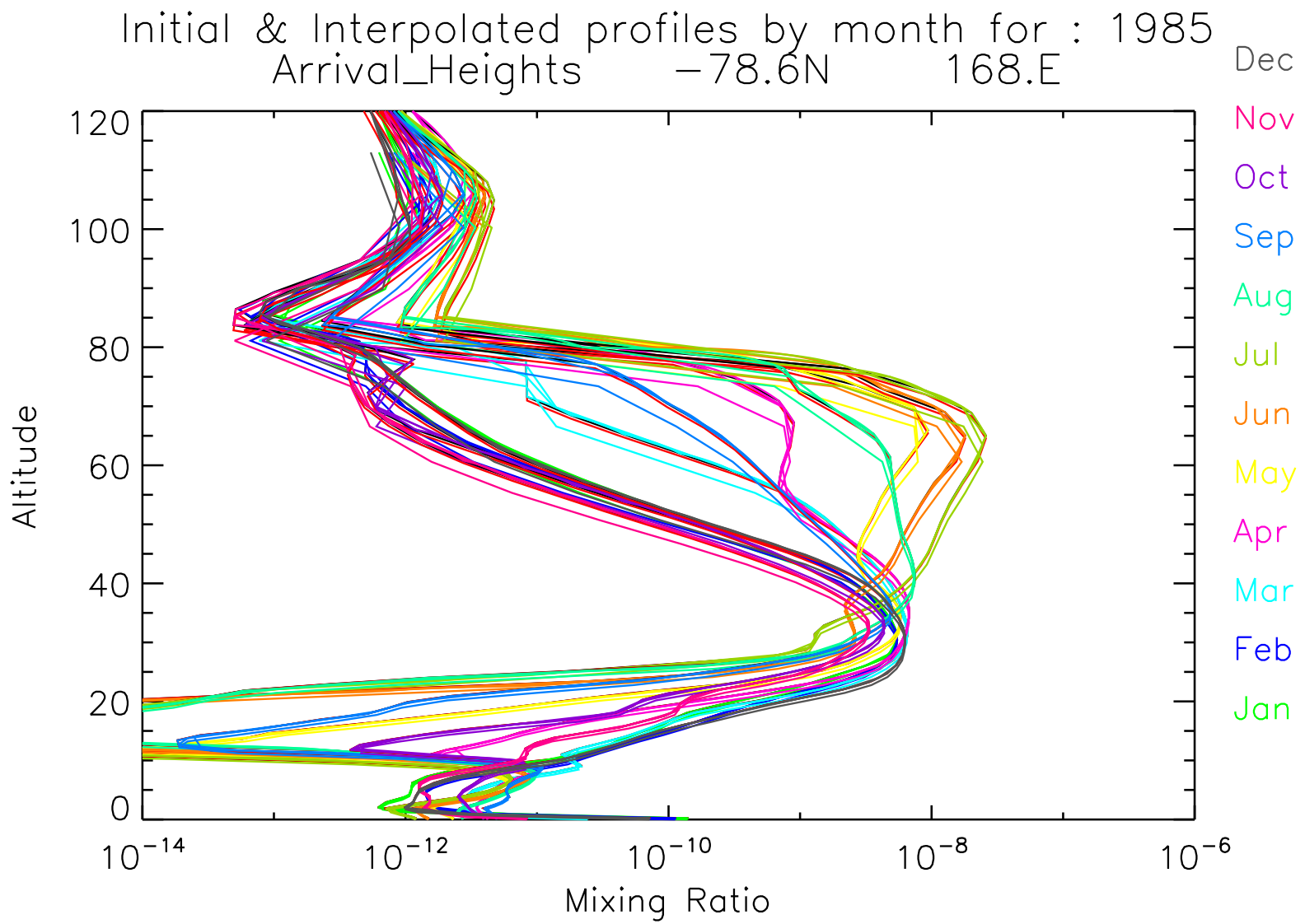
Initial & Interpolated profiles by month for : 1985
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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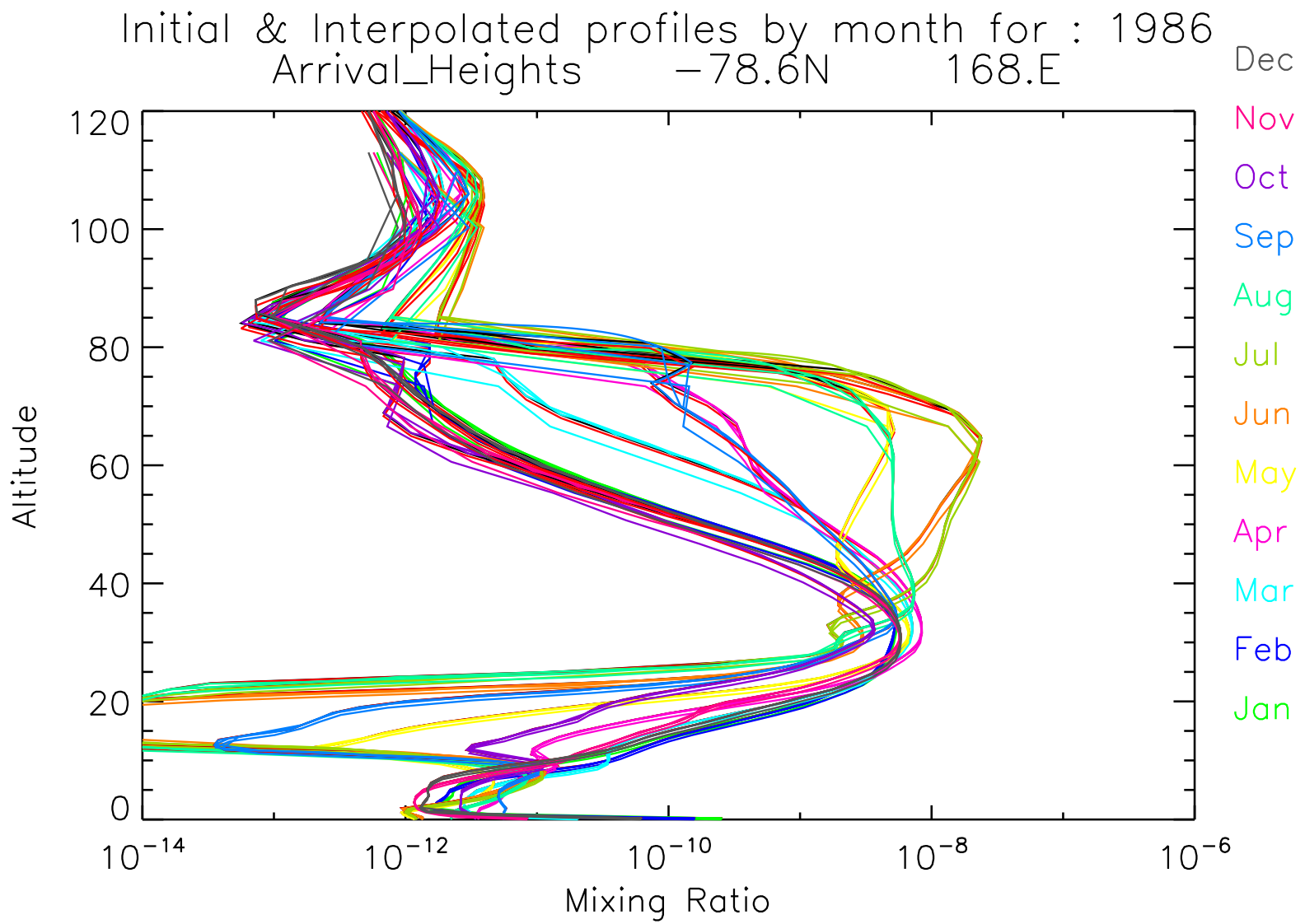
Initial & Interpolated profiles by month for : 1986
Arrival_Heights −78.6N 168.E
Altitude
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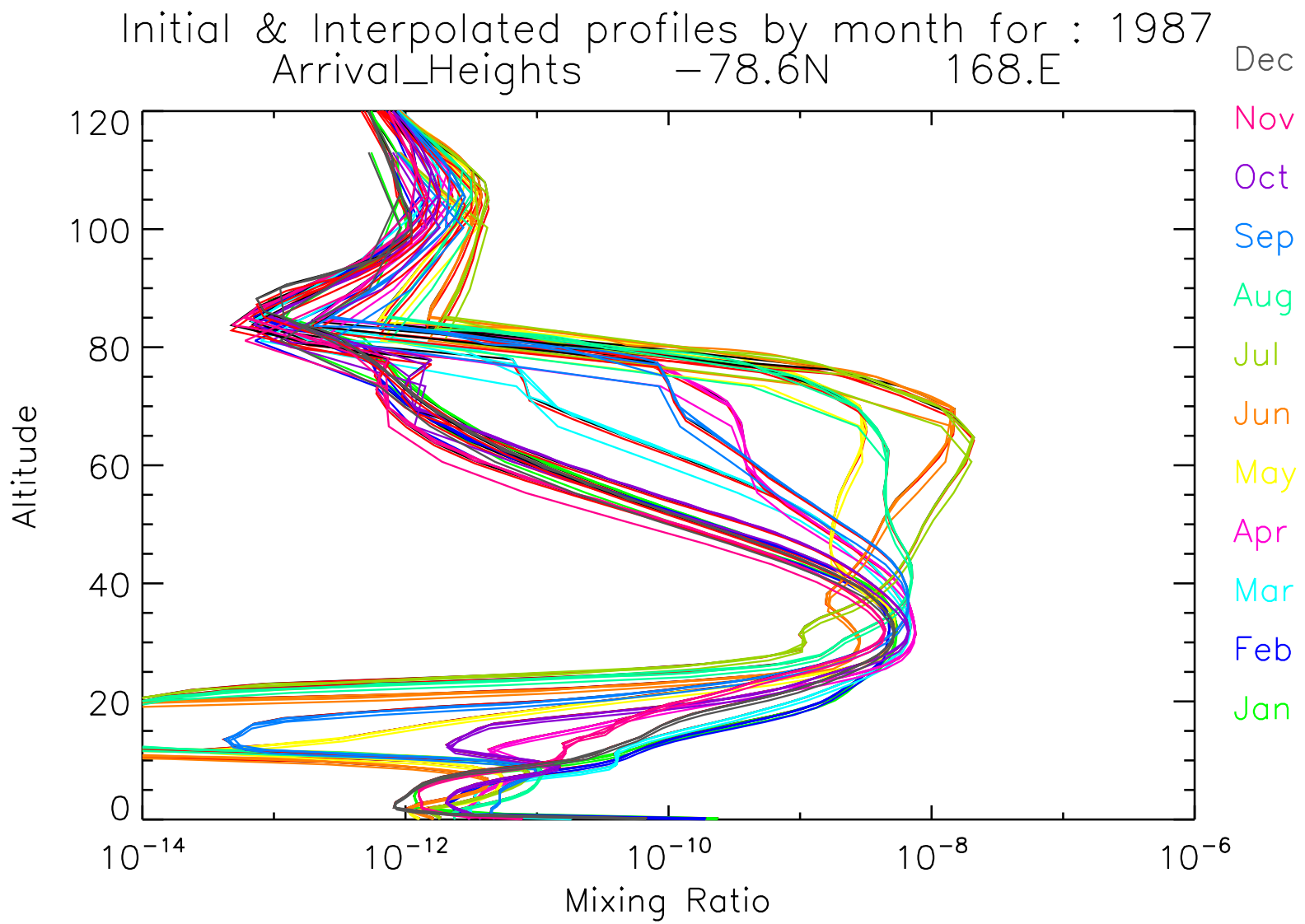
Initial & Interpolated profiles by month for : 1987
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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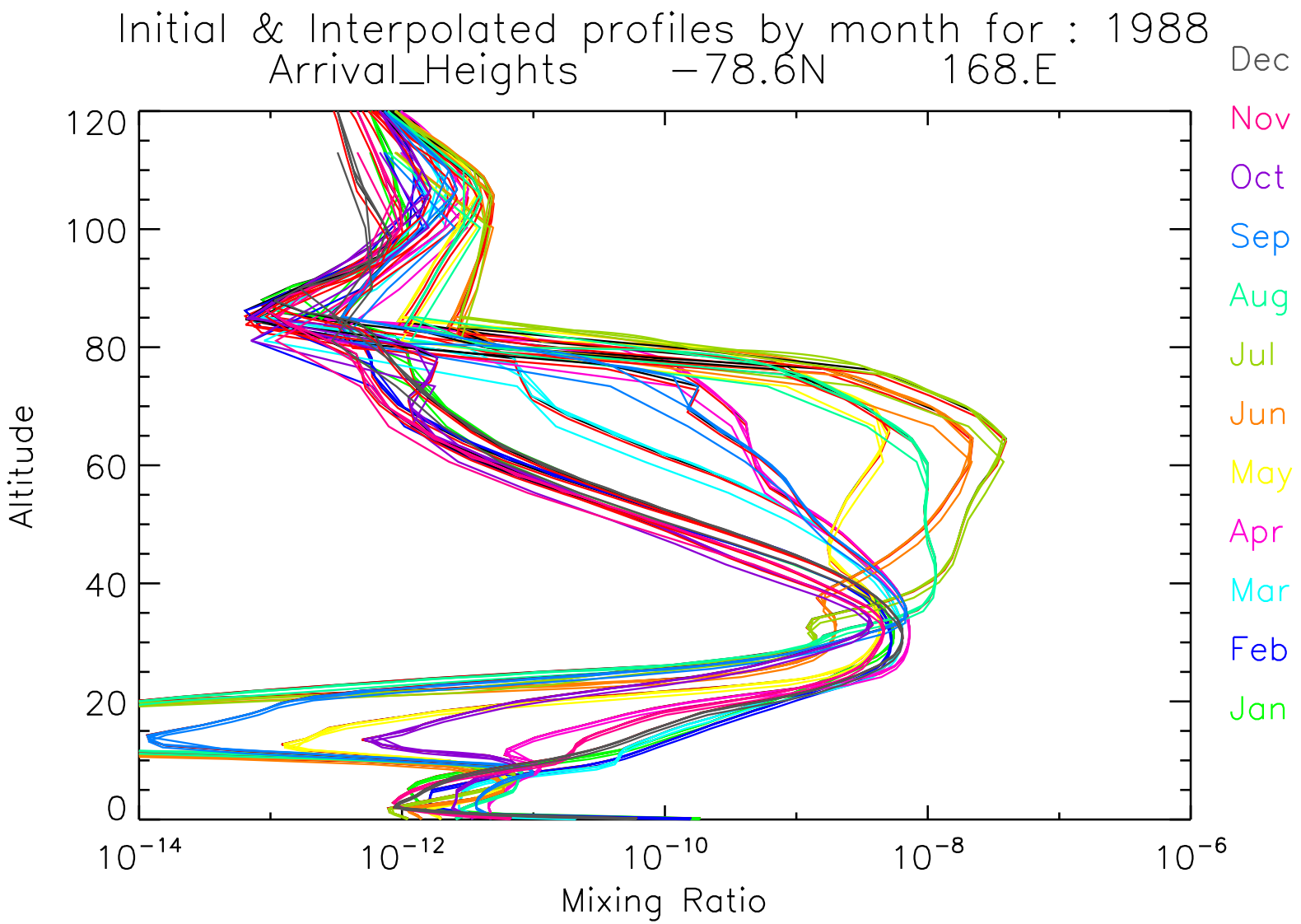
Initial & Interpolated profiles by month for : 1988
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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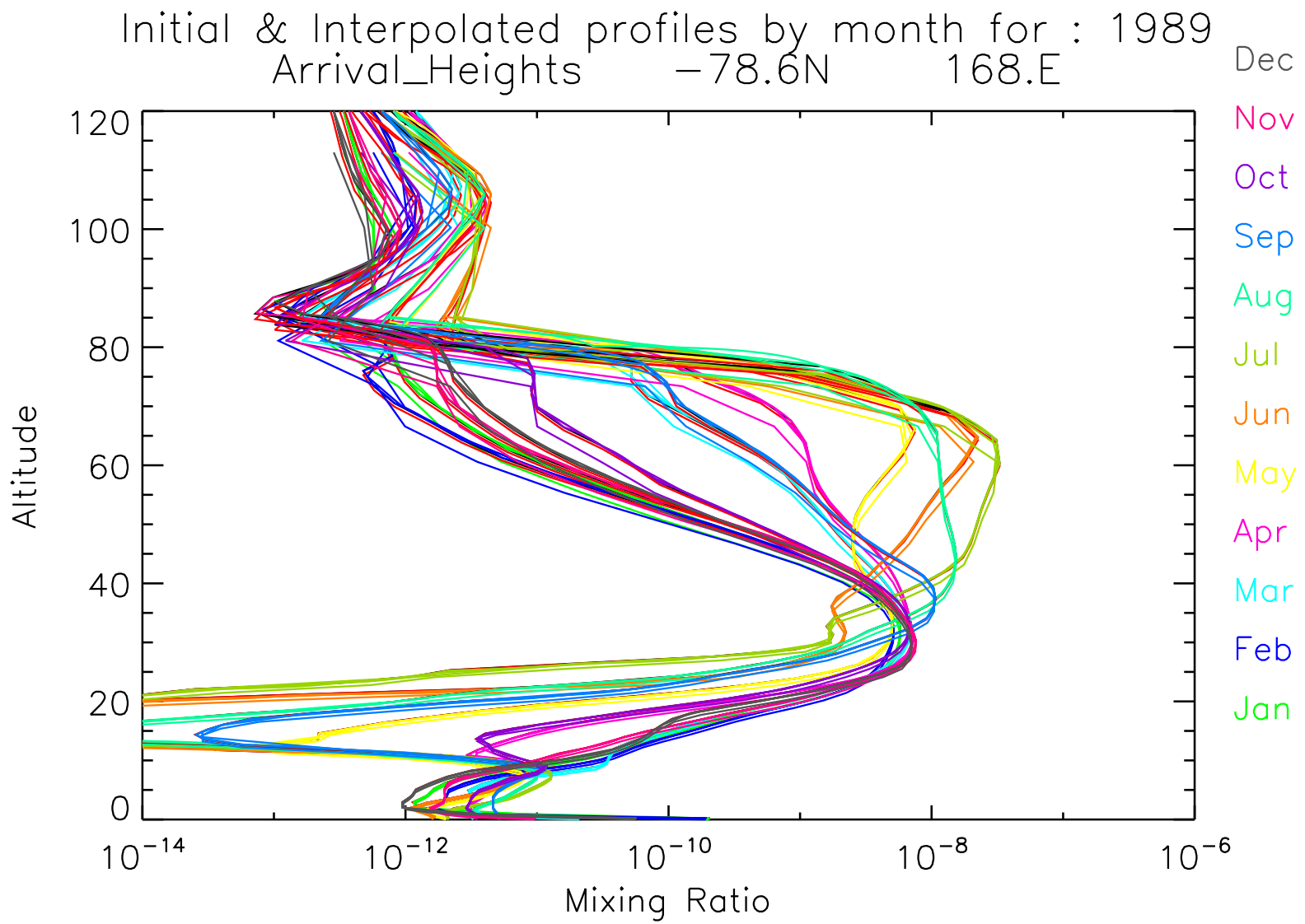
Initial & Interpolated profiles by month for : 1989
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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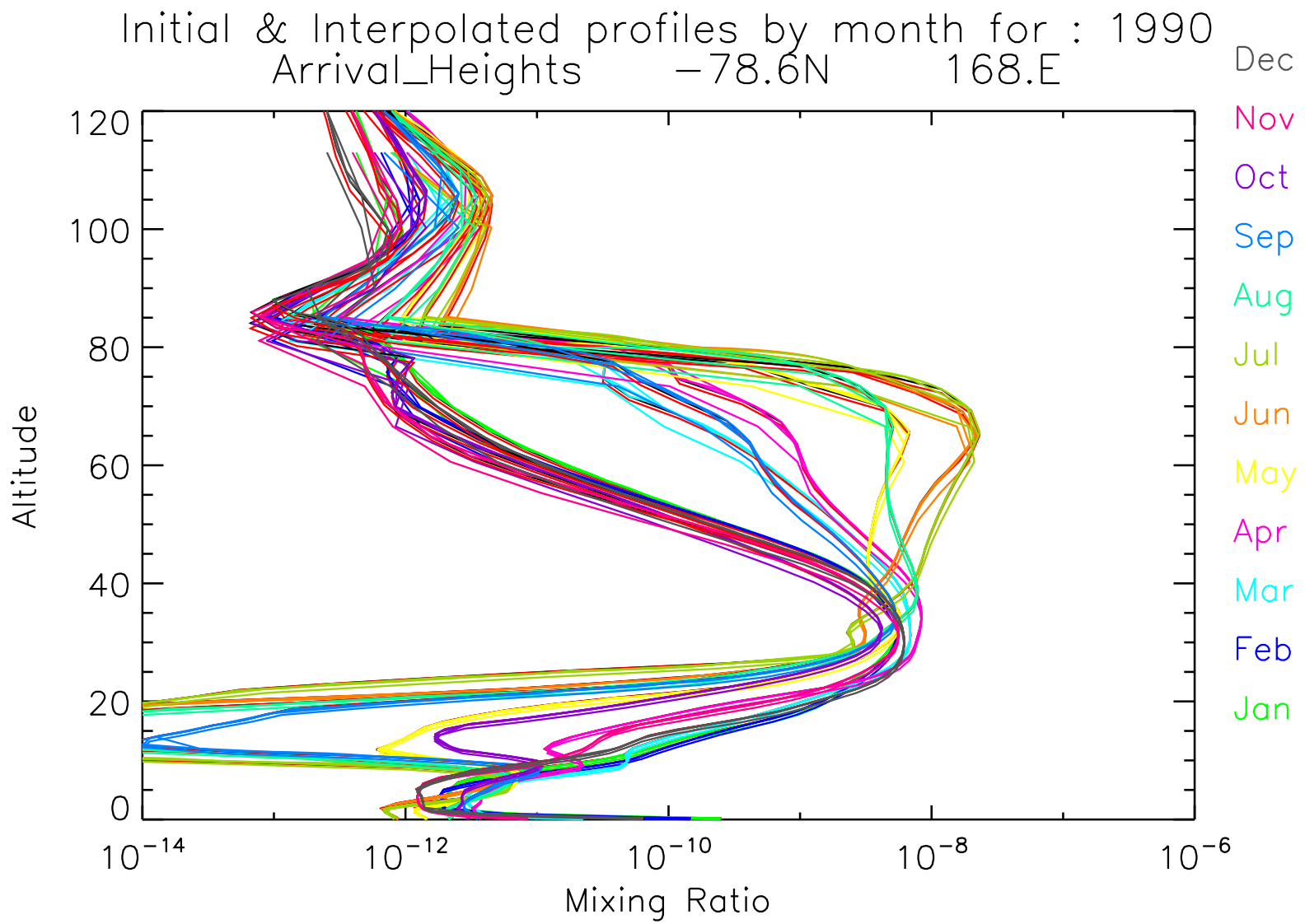
Initial & Interpolated profiles by month for : 1990
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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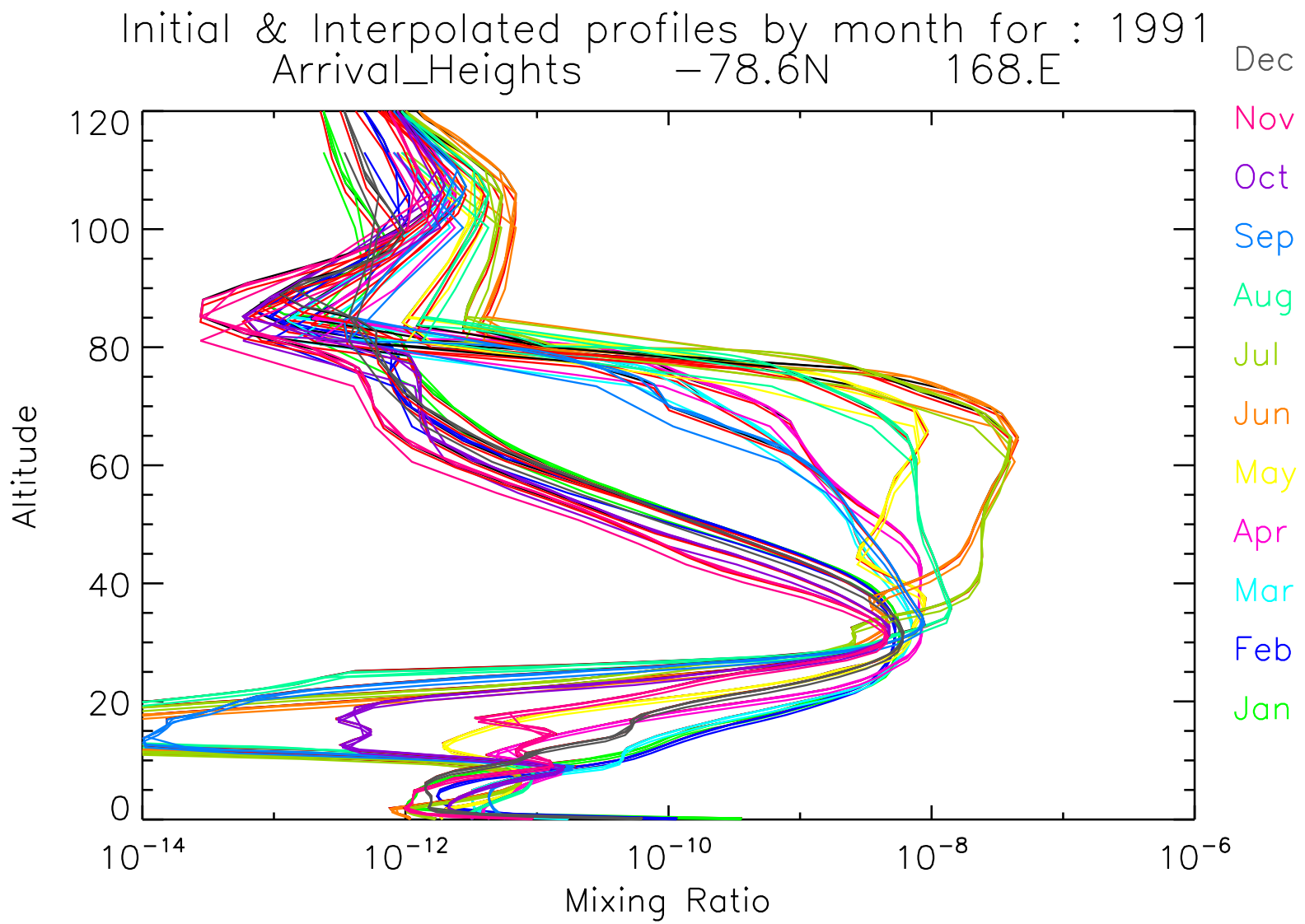
Initial & Interpolated profiles by month for : 1991
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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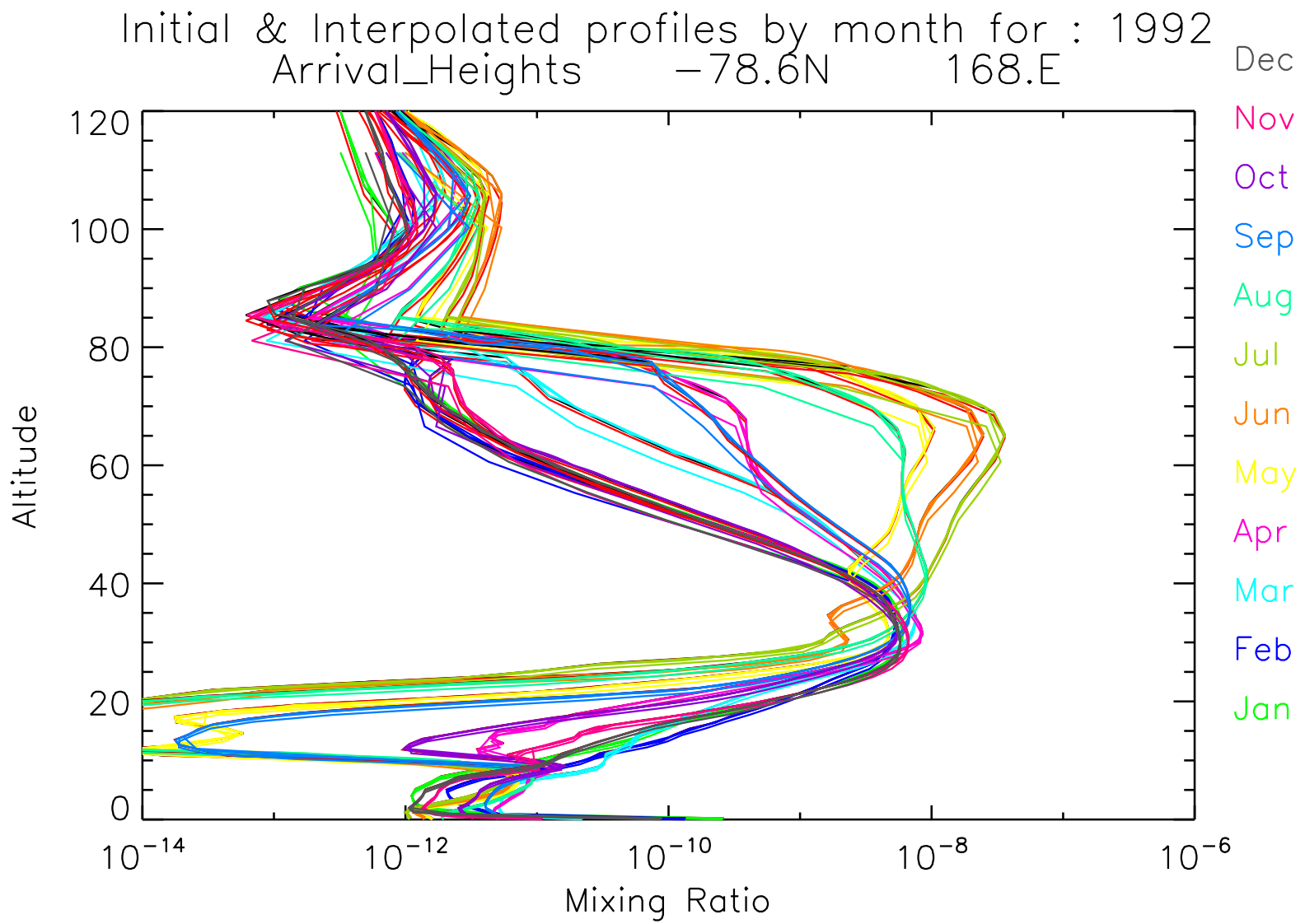
Initial & Interpolated profiles by month for : 1992
Arrival_Heights −78.6N 168.E
Altitude
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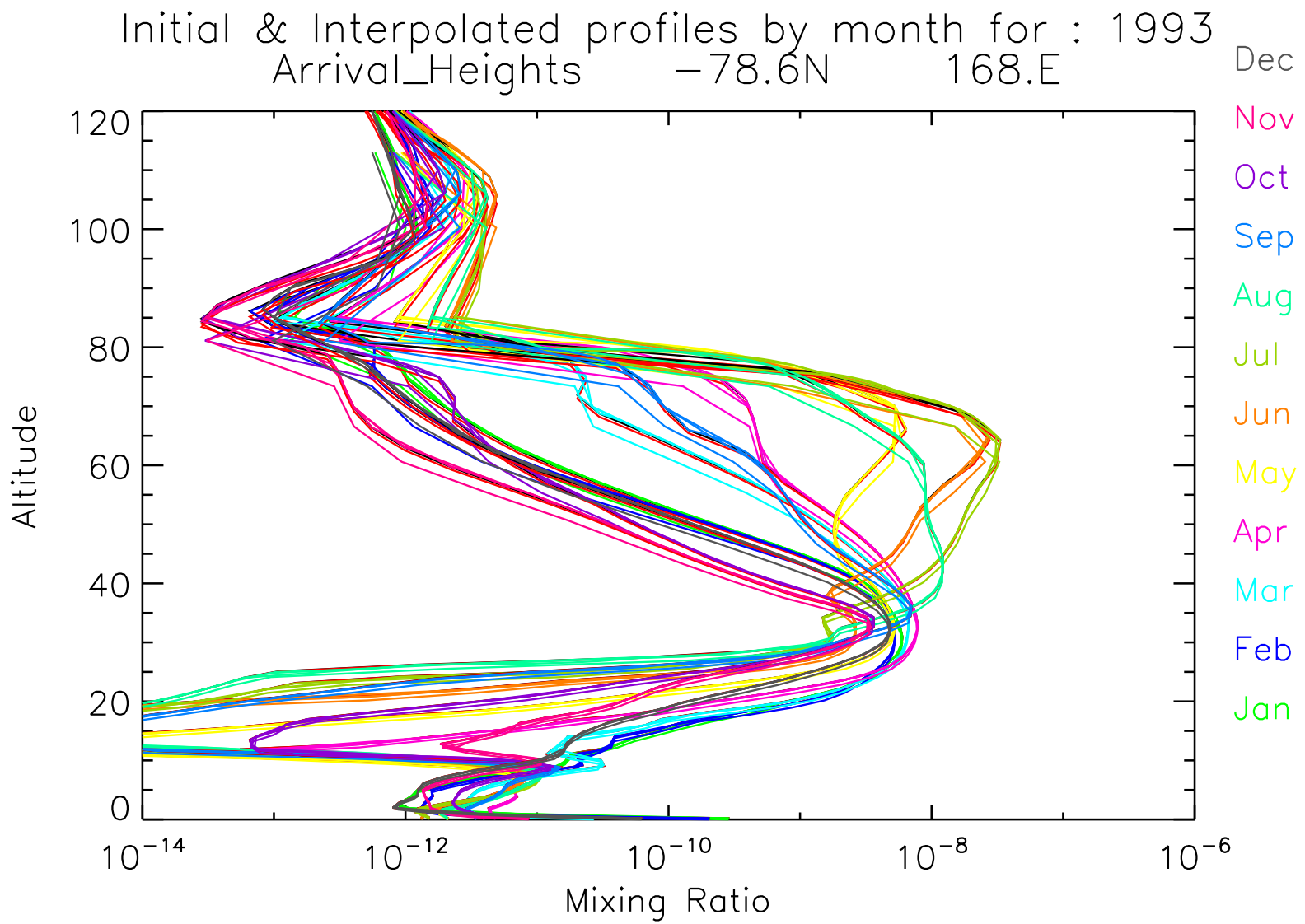
Initial & Interpolated profiles by month for : 1993
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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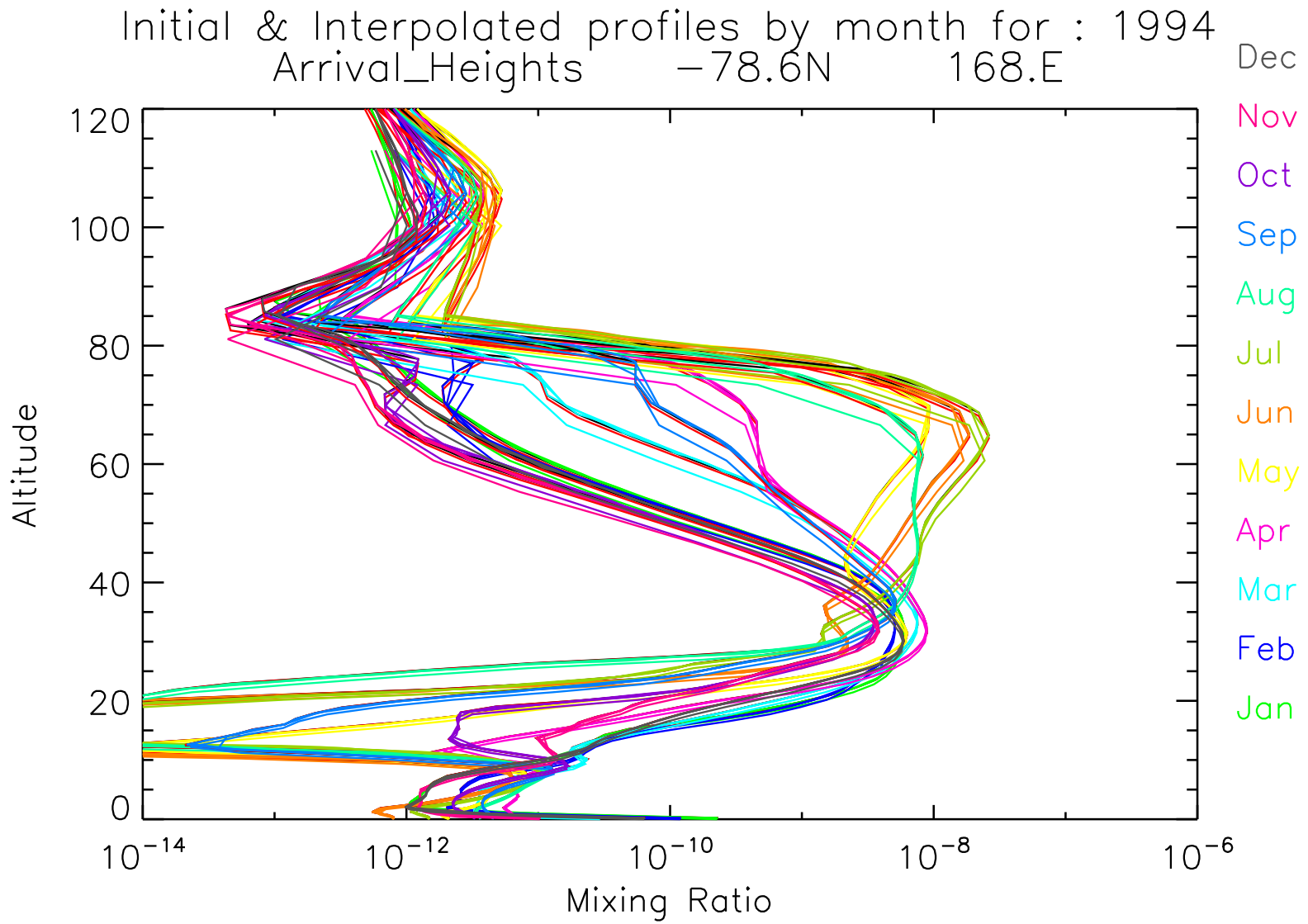
Initial & Interpolated profiles by month for : 1994
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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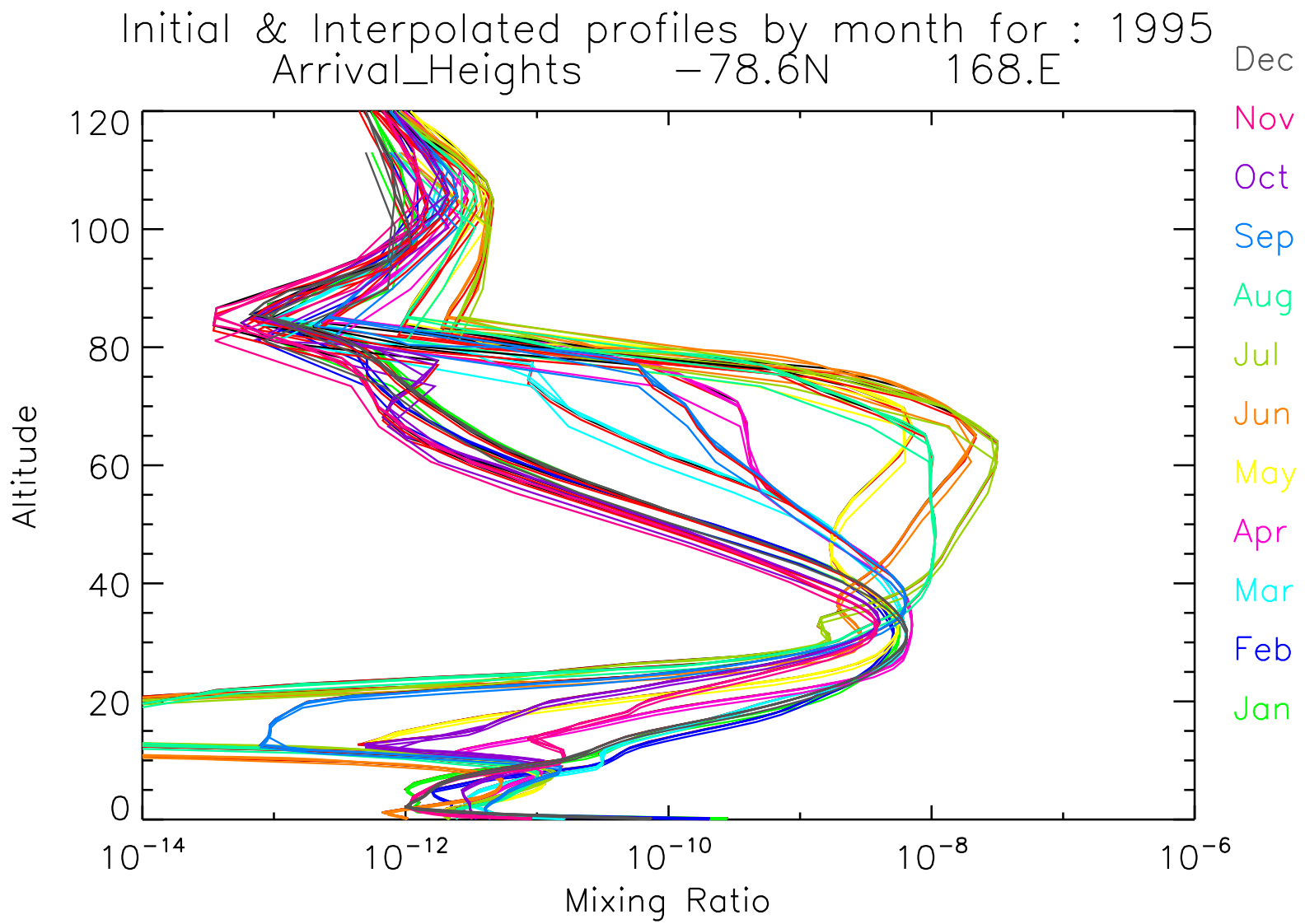
Initial & Interpolated profiles by month for : 1995
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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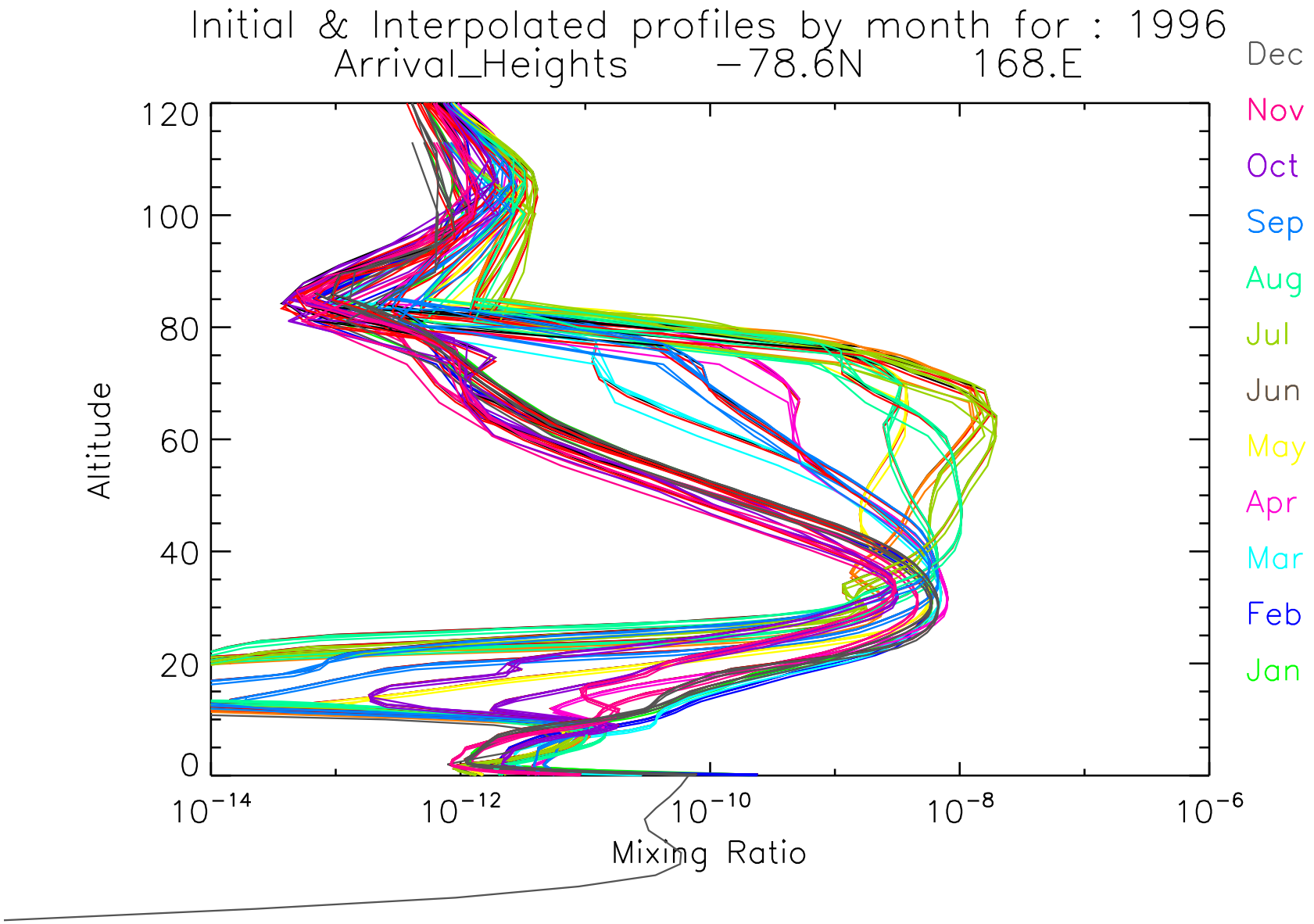
Initial & Interpolated profiles by month for : 1996
Arrival_Heights −78.6N 168.E
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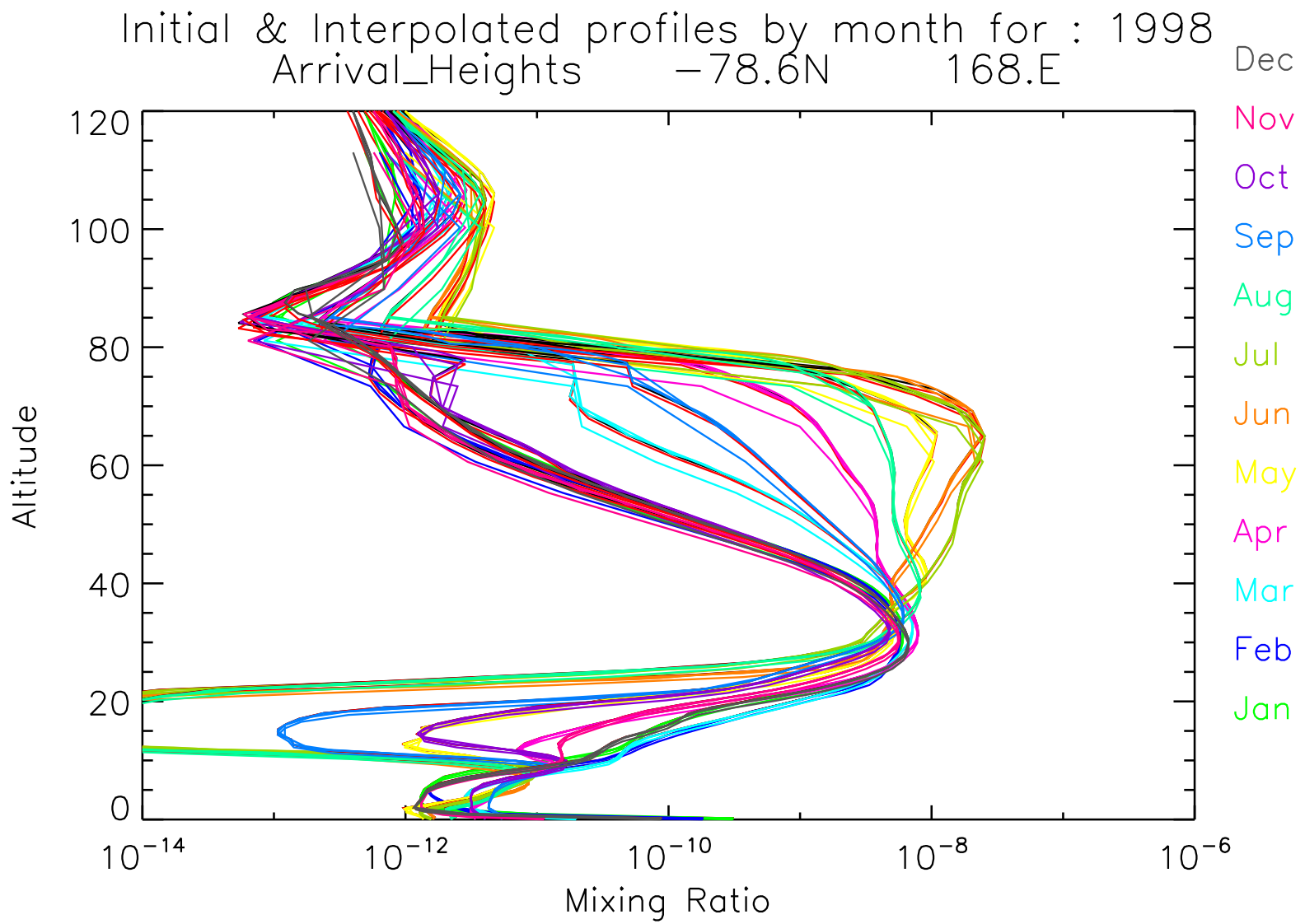
Mixing Ratio


Initial & Interpolated profiles by month for : 1998
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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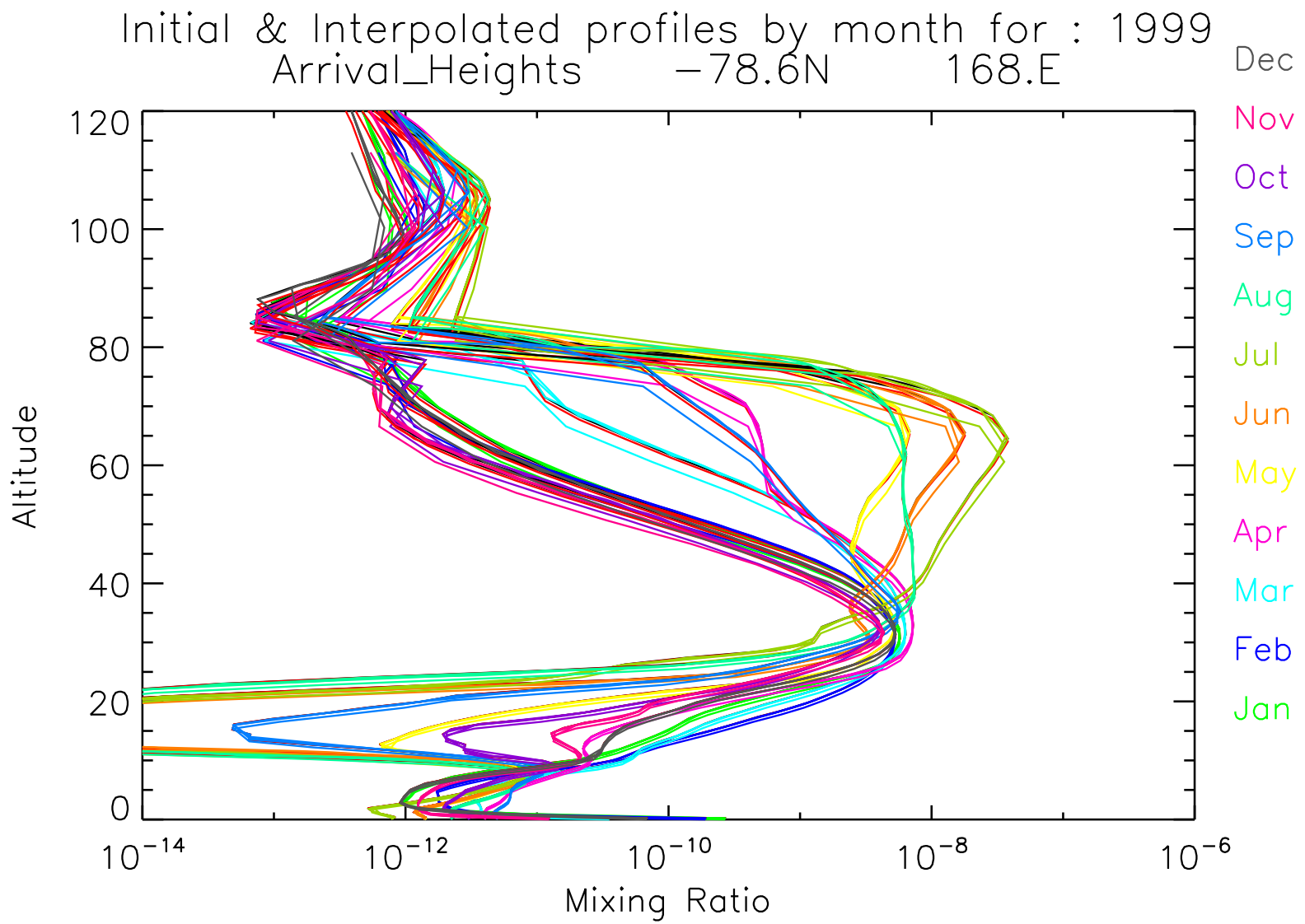
Initial & Interpolated profiles by month for : 1999
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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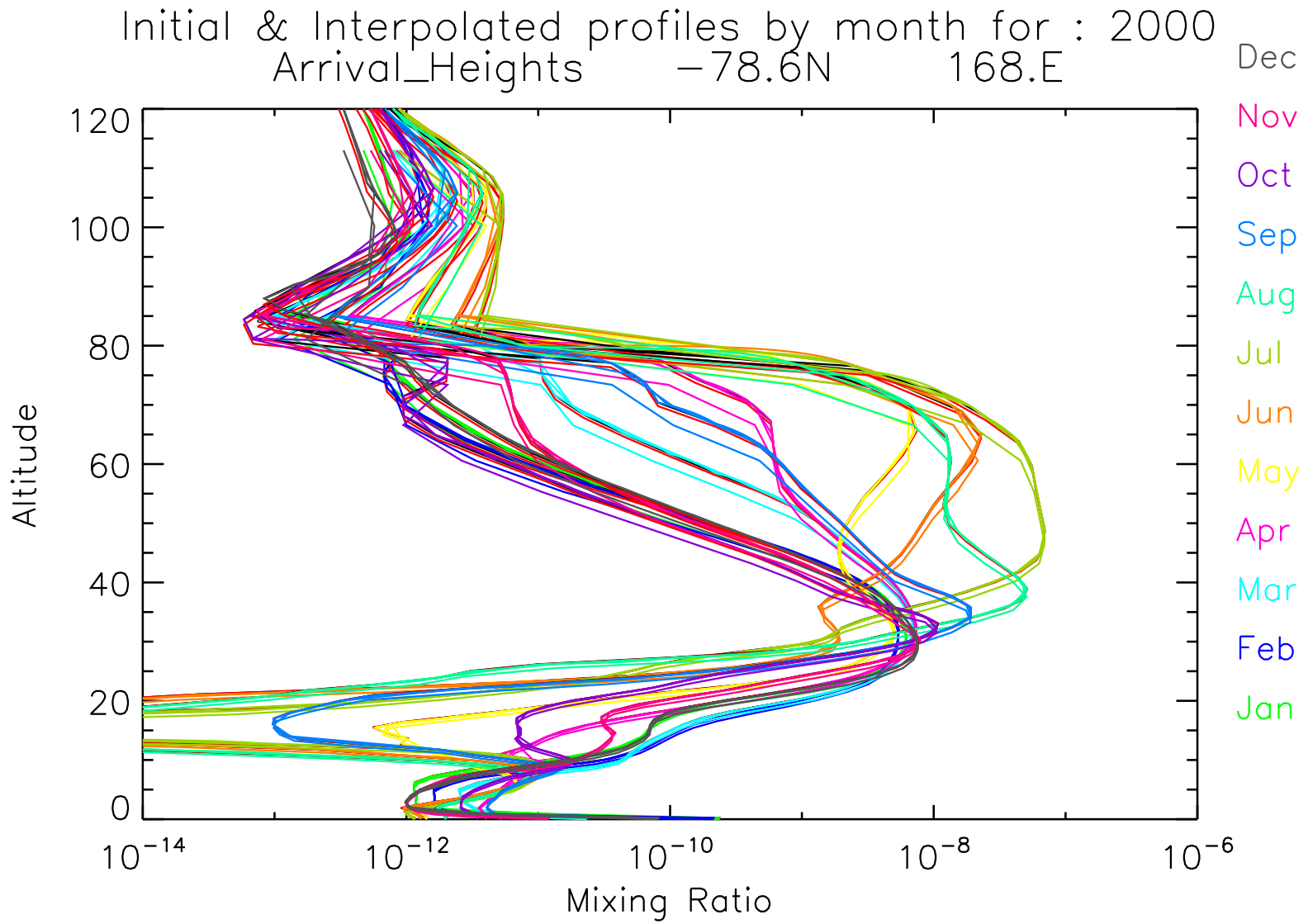
Initial & Interpolated profiles by month for : 2000
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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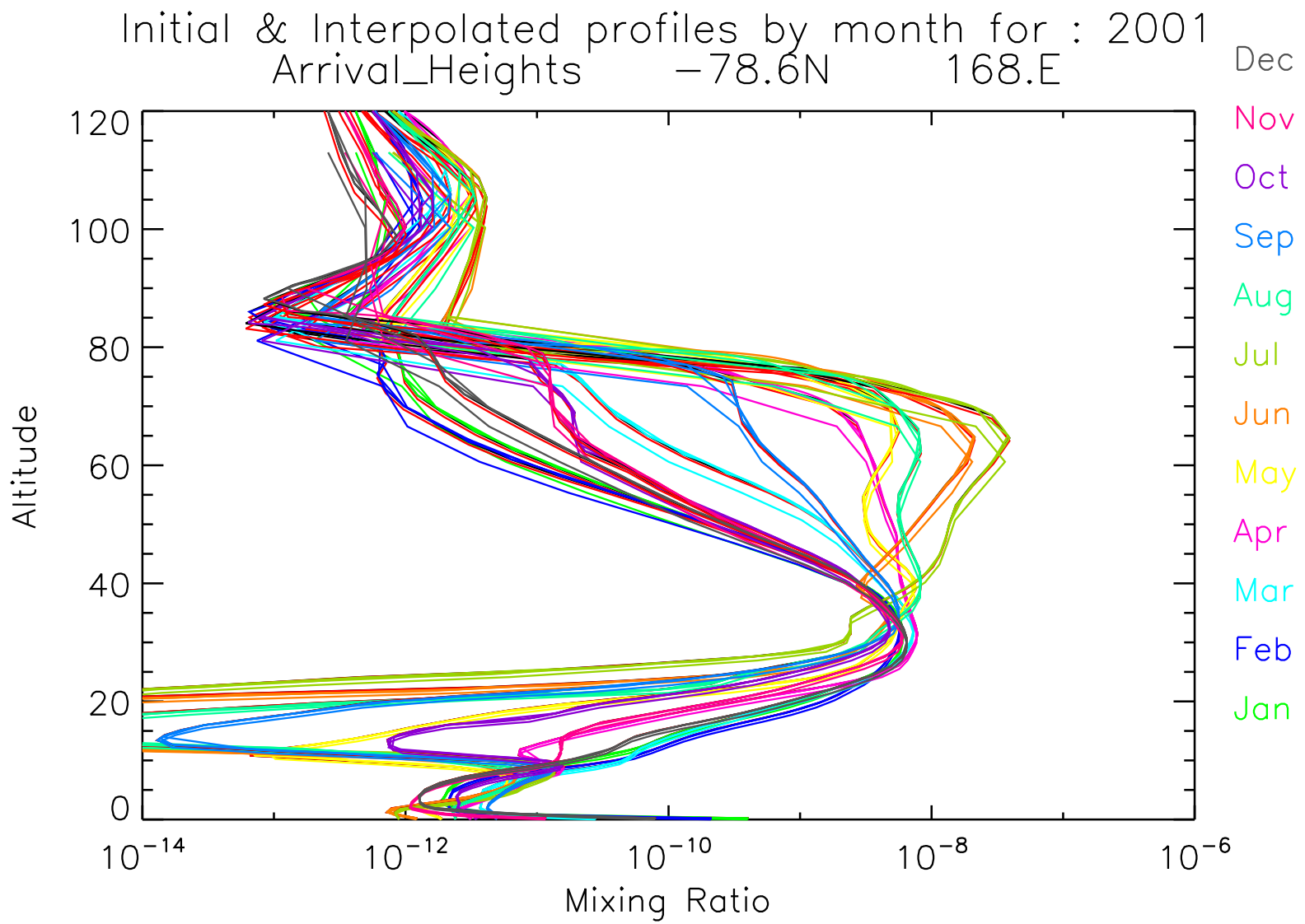
Initial & Interpolated profiles by month for : 2001
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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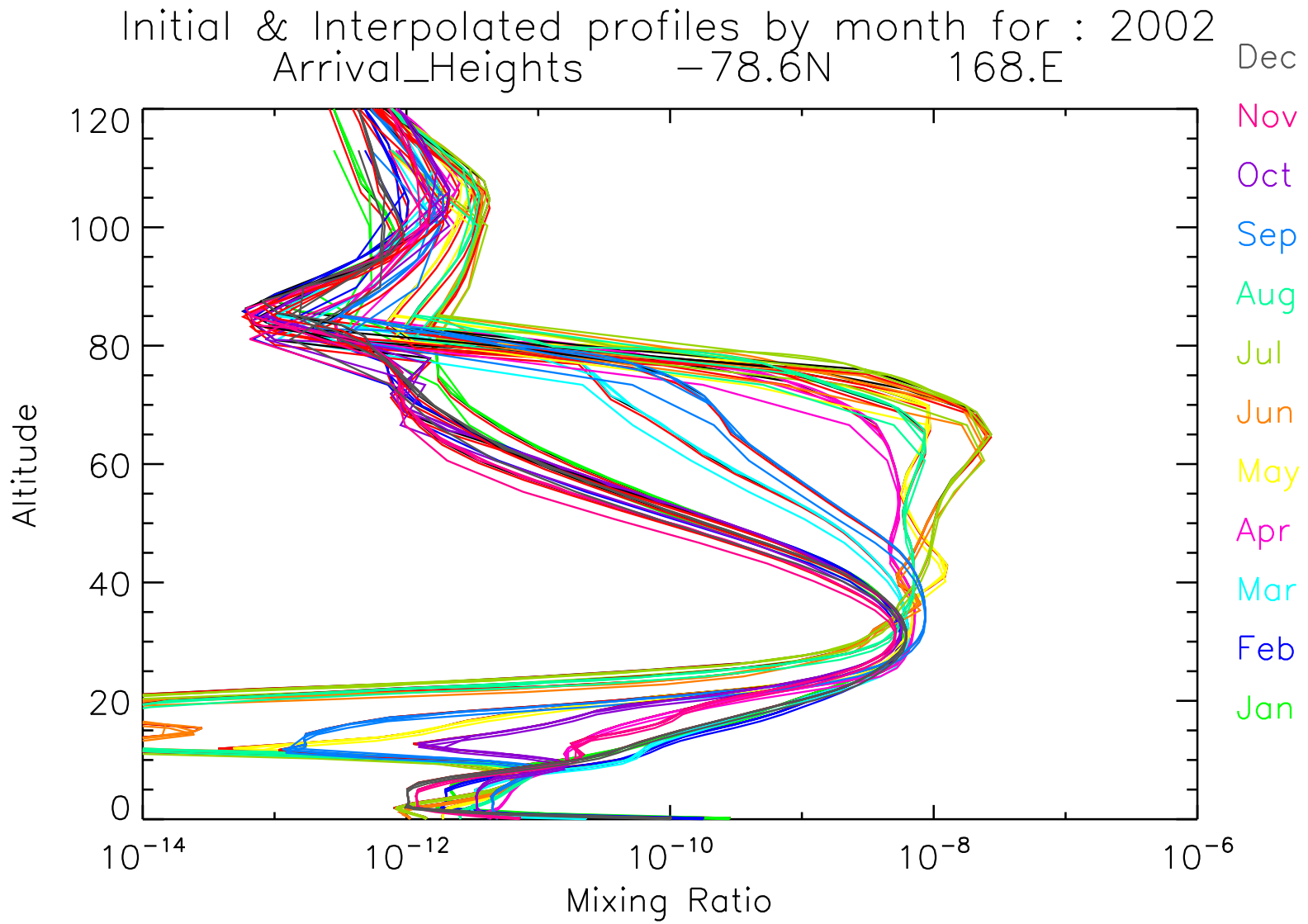
Initial & Interpolated profiles by month for : 2002
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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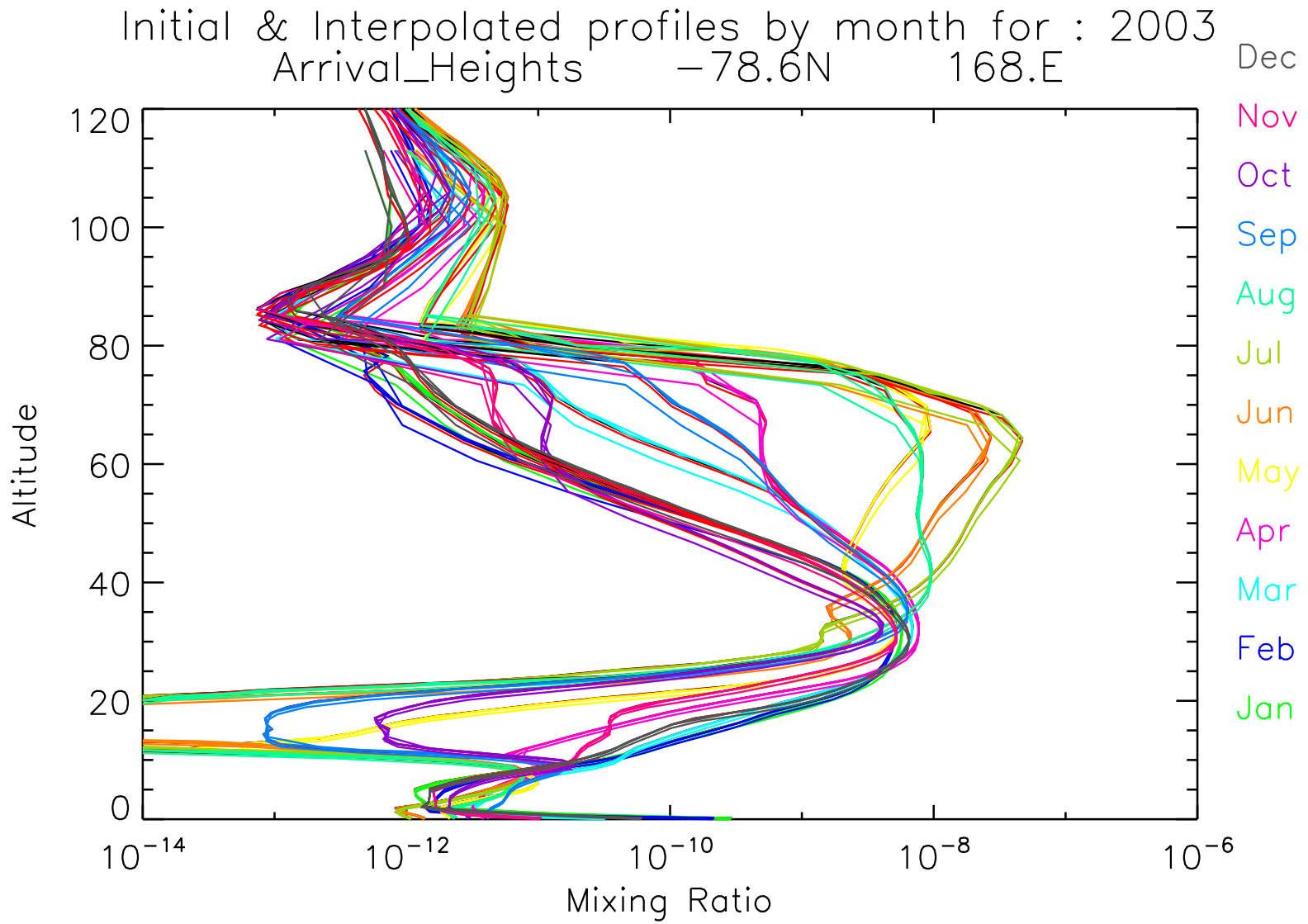
Initial & Interpolated profiles by month for : 2003
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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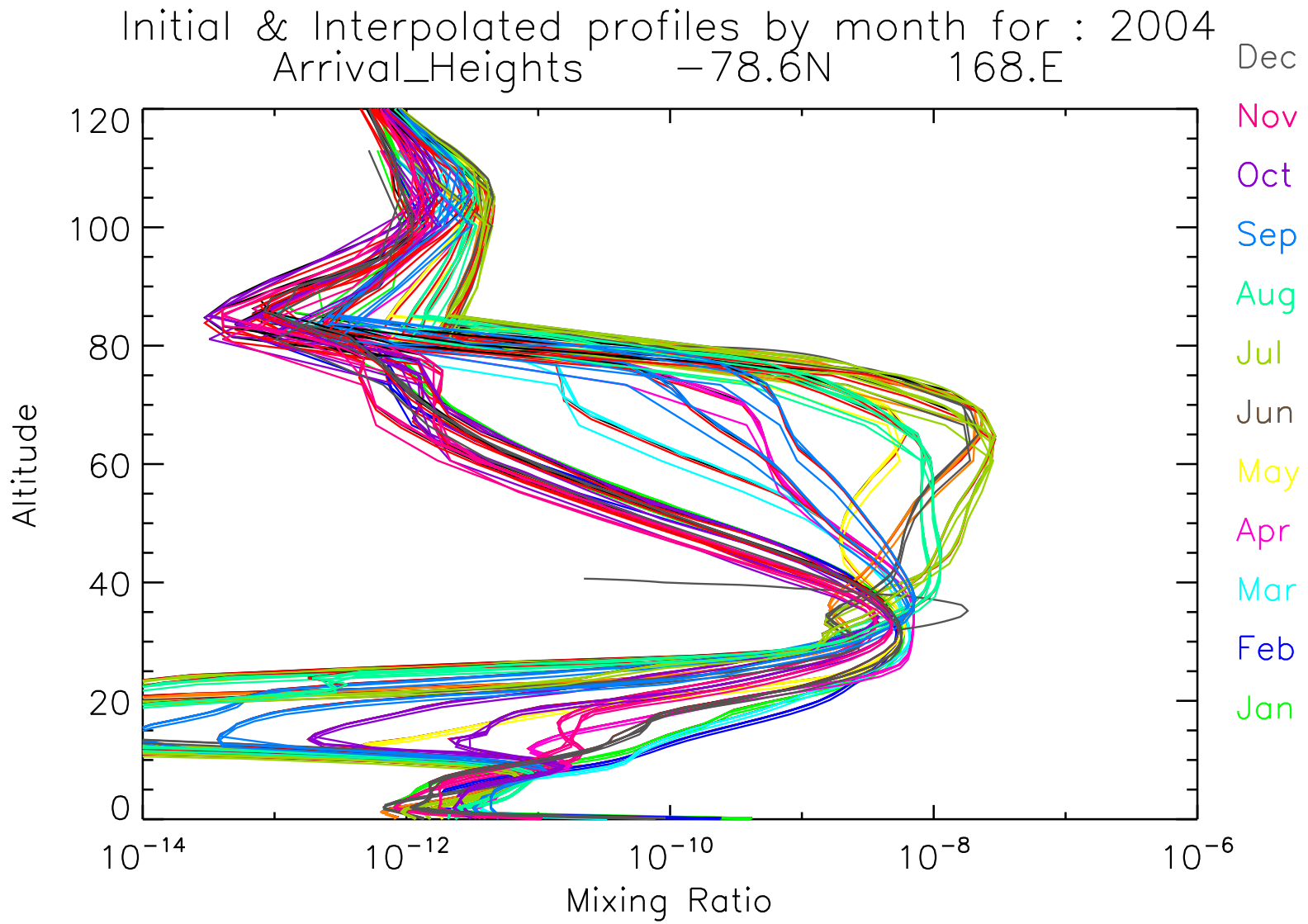
Initial & Interpolated profiles by month for : 2004
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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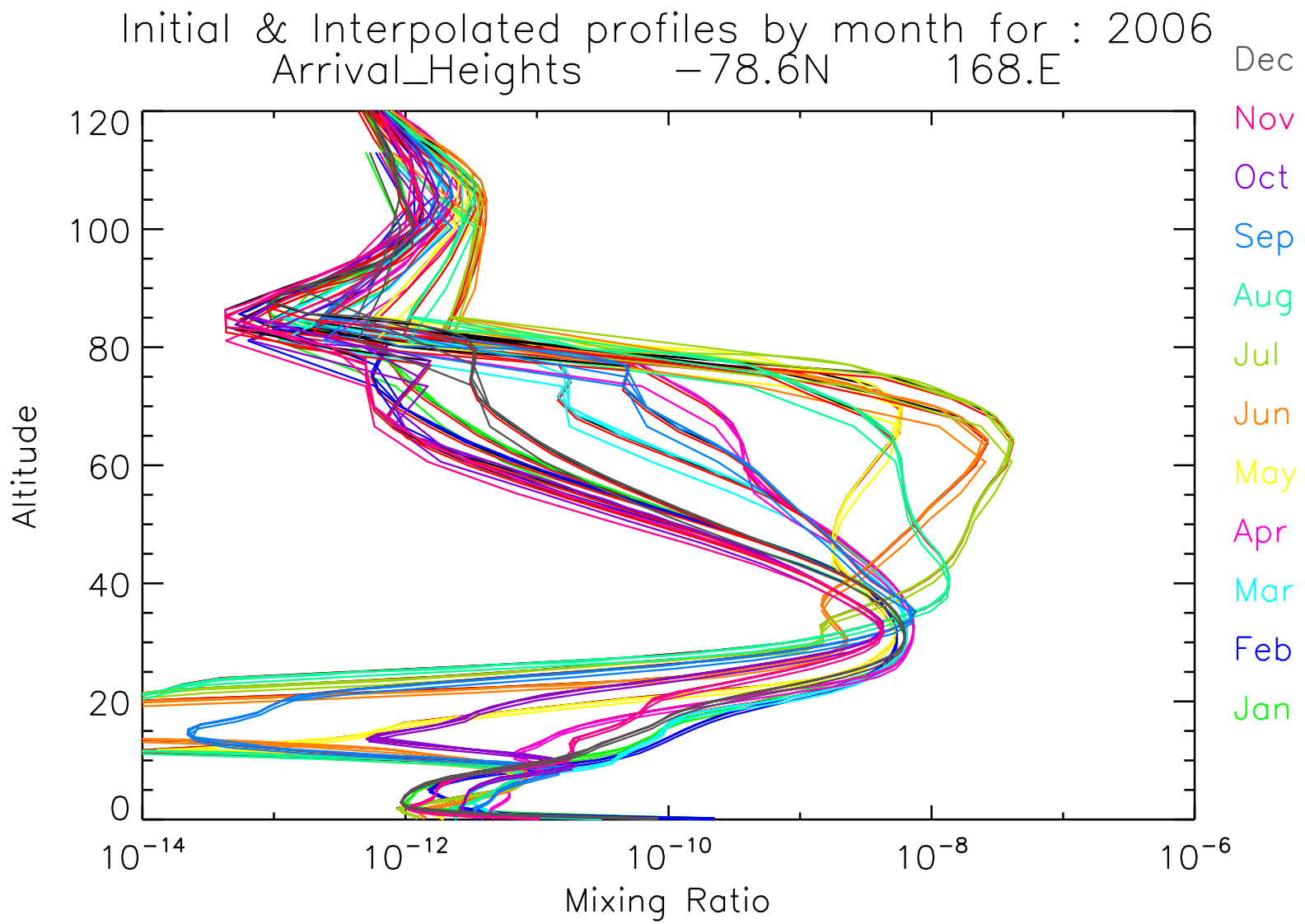
Initial & Interpolated profiles by month for : 2006
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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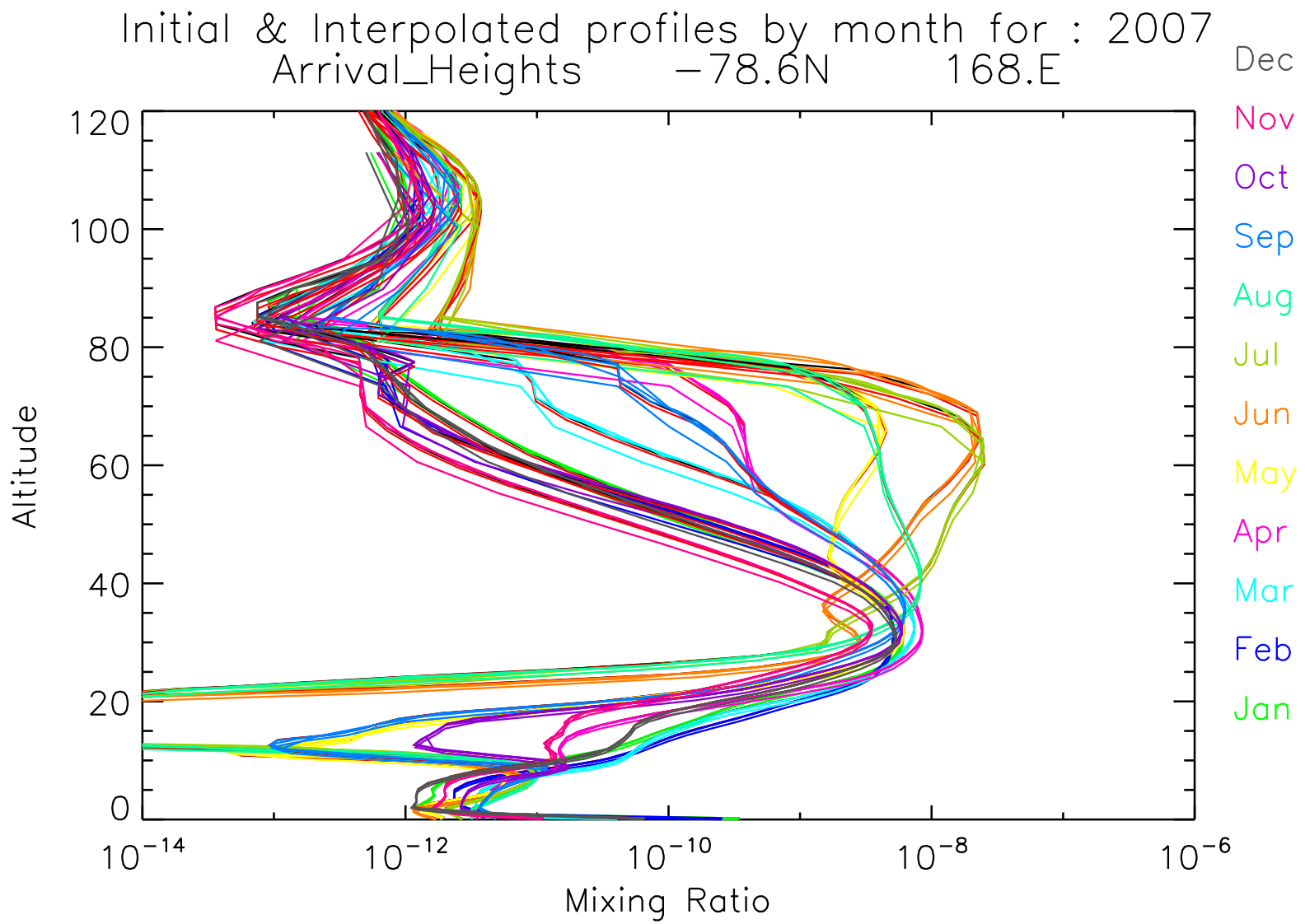
Initial & Interpolated profiles by month for : 2007
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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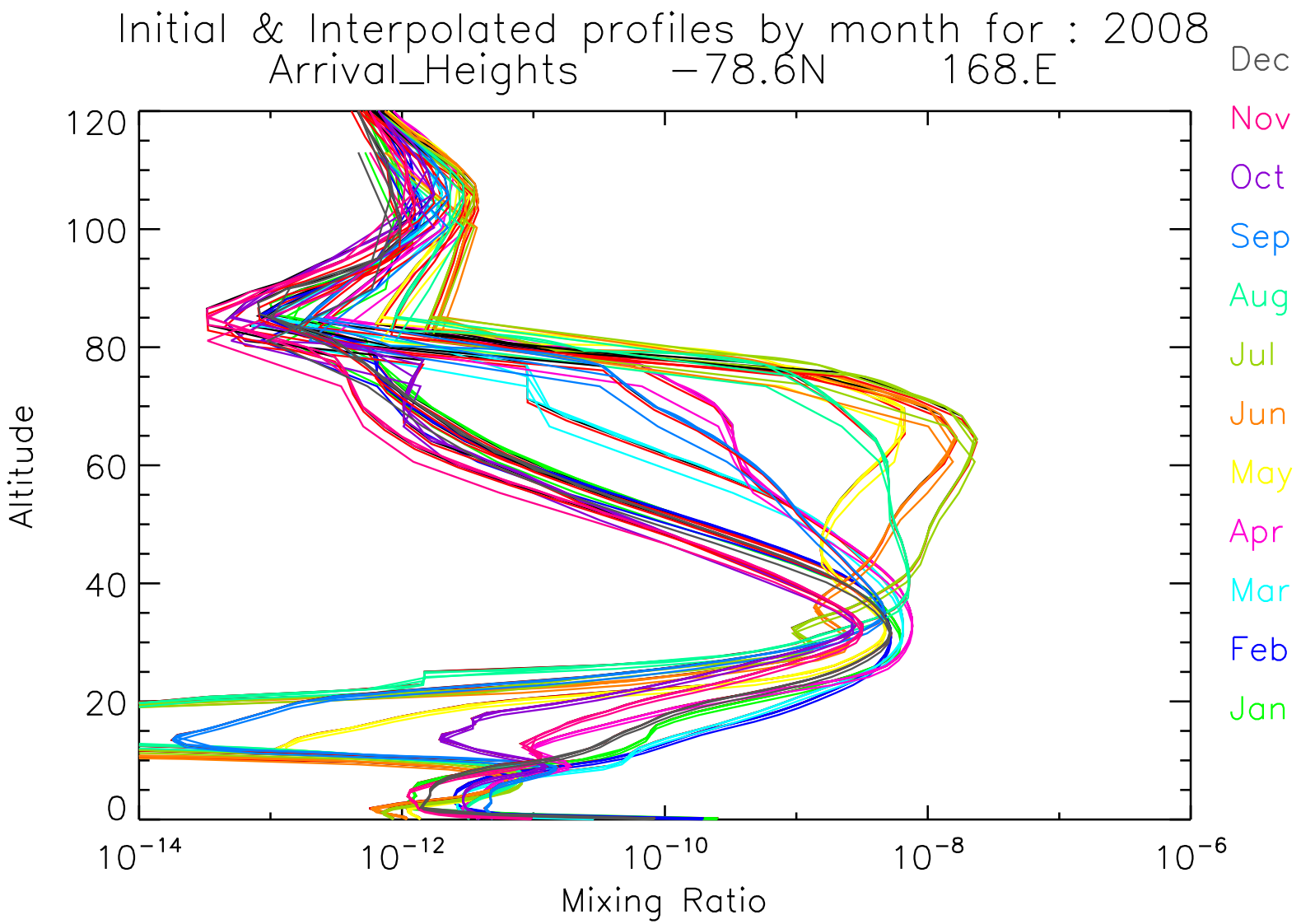
Initial & Interpolated profiles by month for : 2008
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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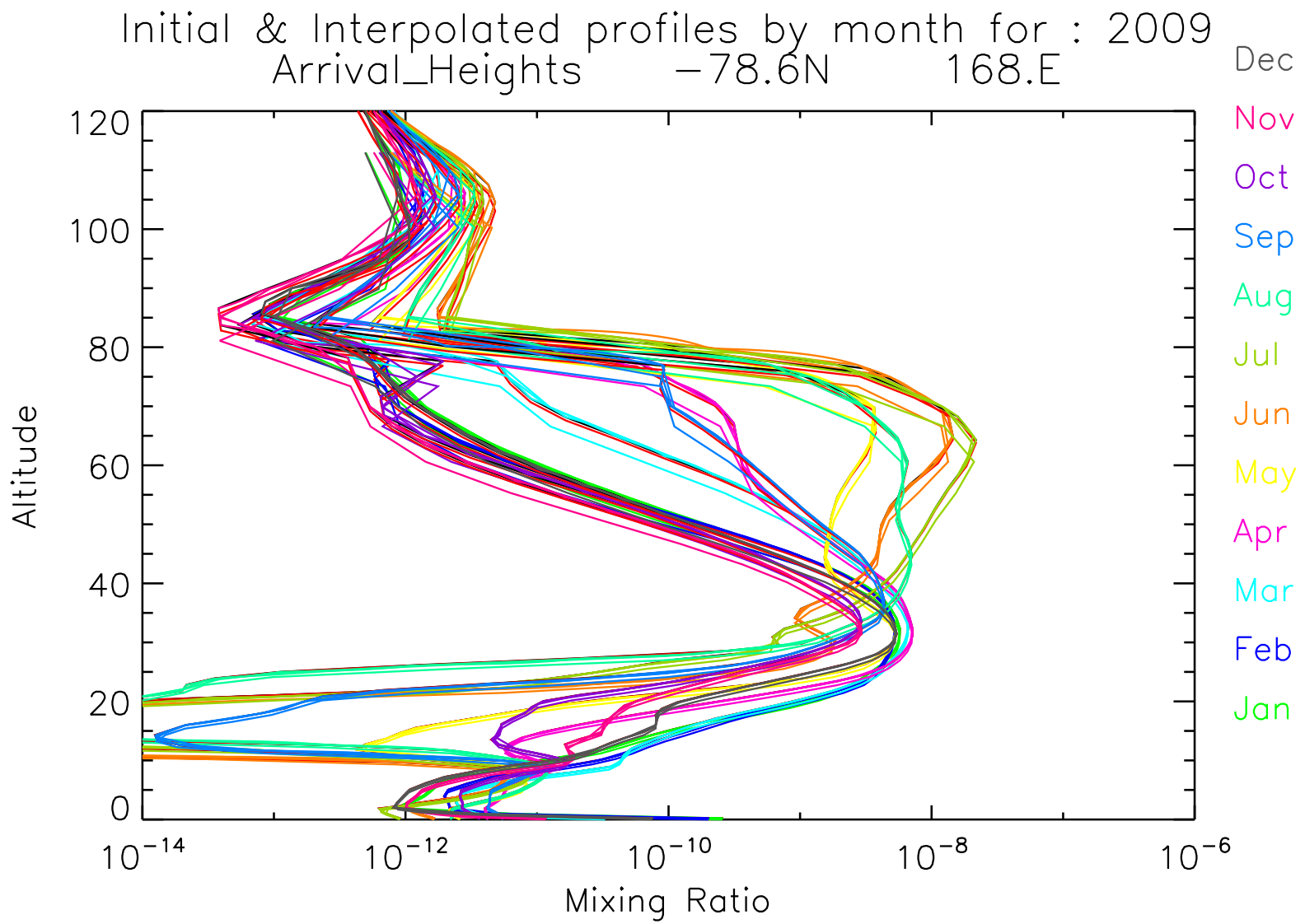
Initial & Interpolated profiles by month for : 2009
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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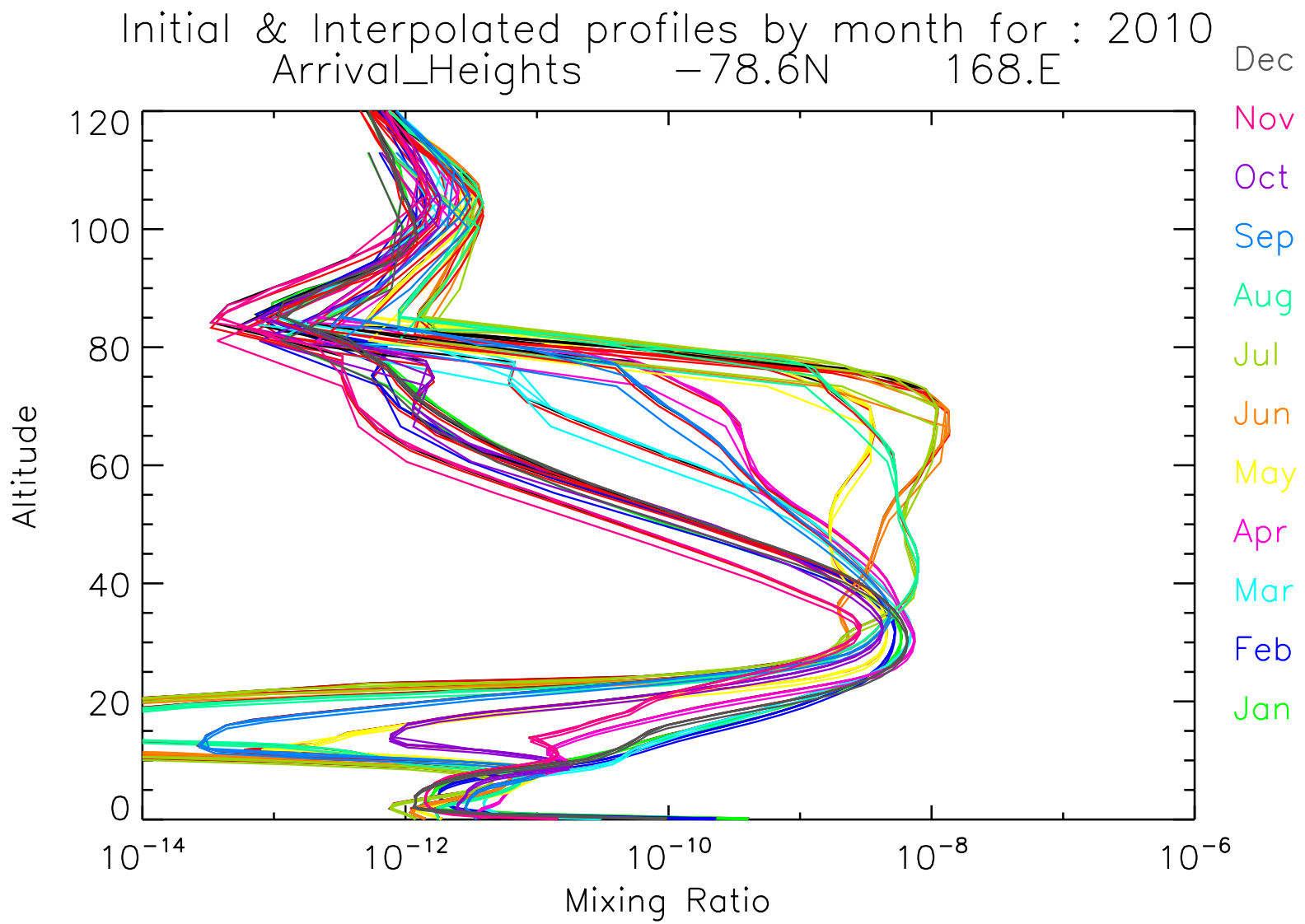
Initial & Interpolated profiles by month for : 2010
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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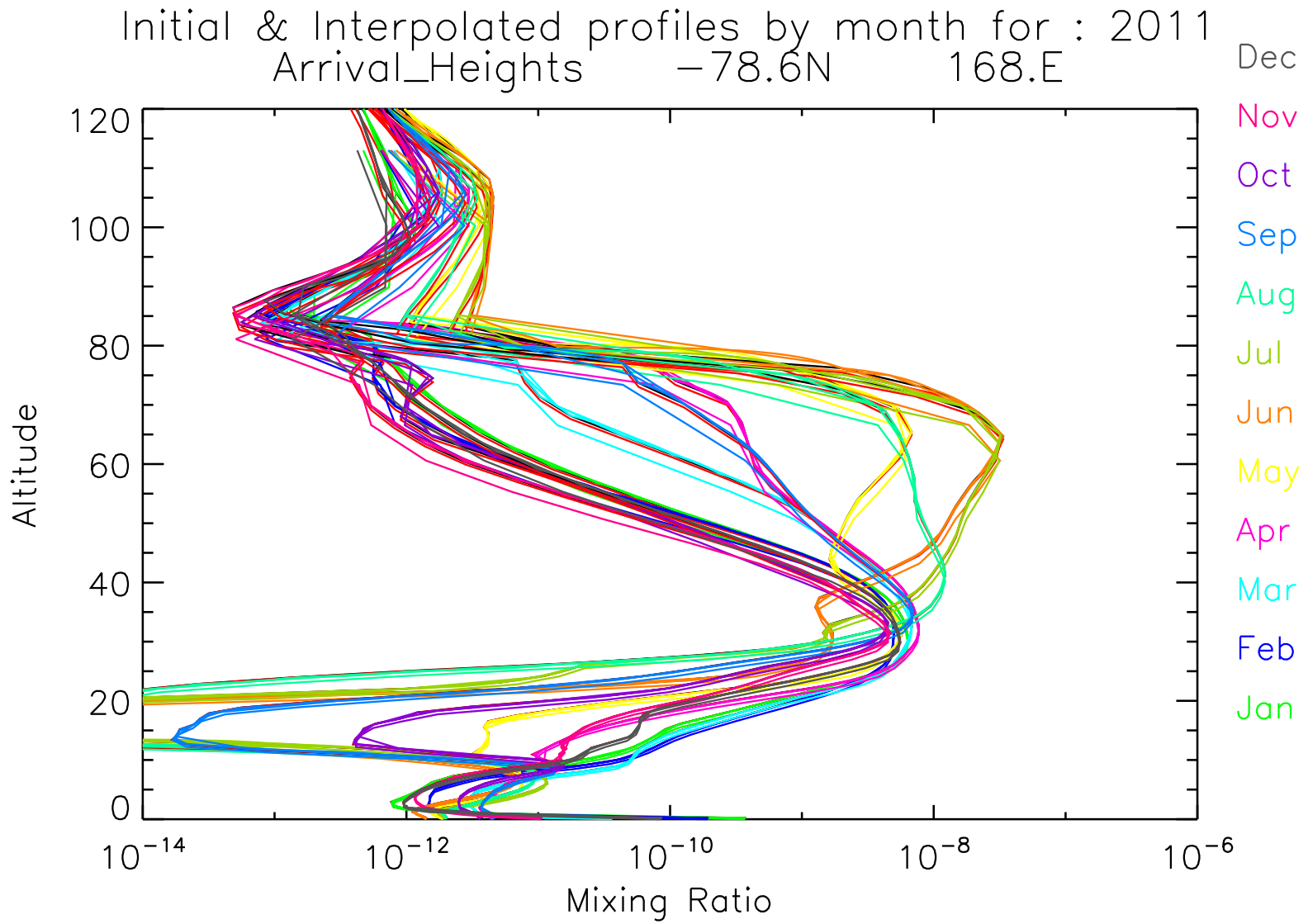
Initial & Interpolated profiles by month for : 2011
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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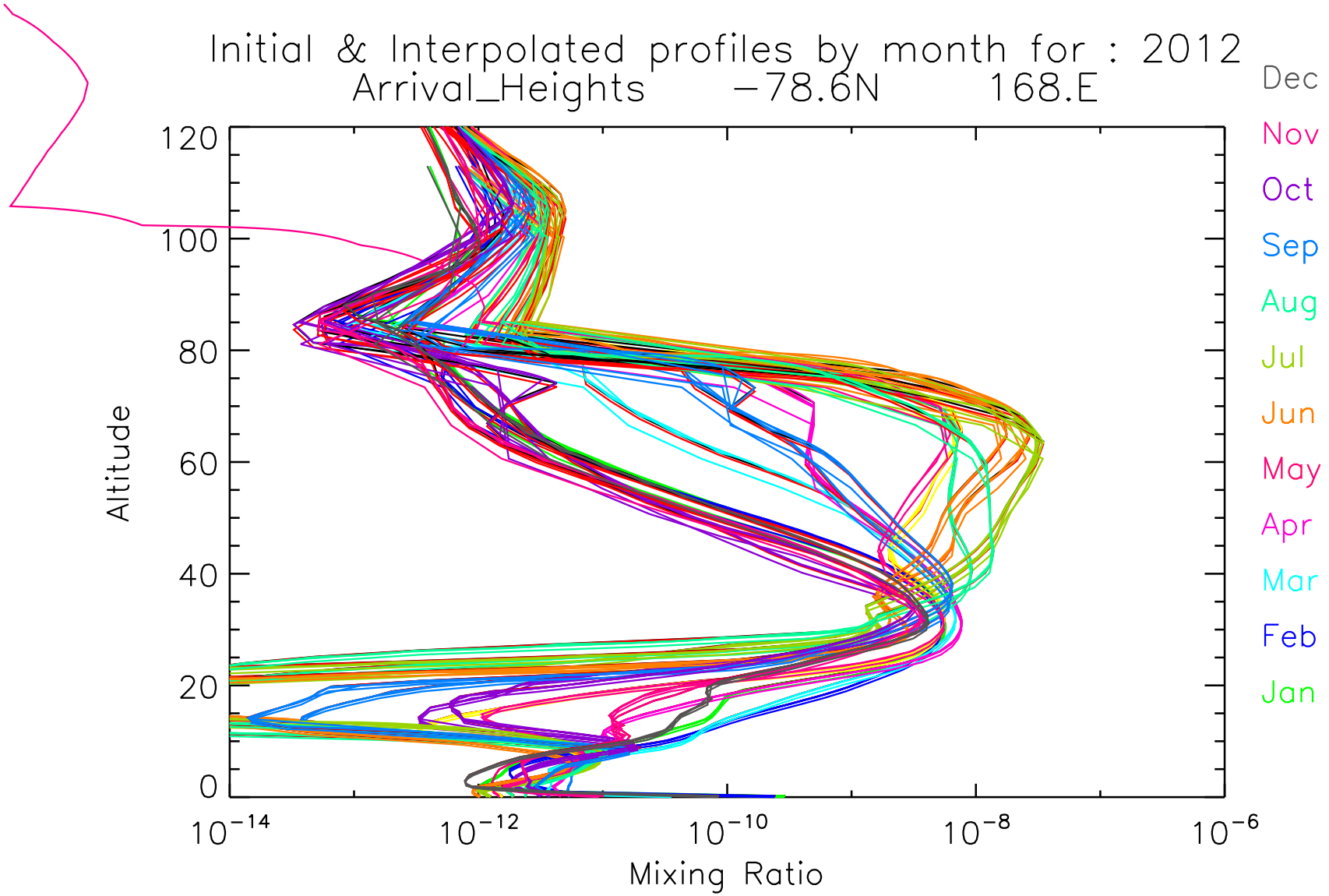
Initial & Interpolated profiles by month for : 2012
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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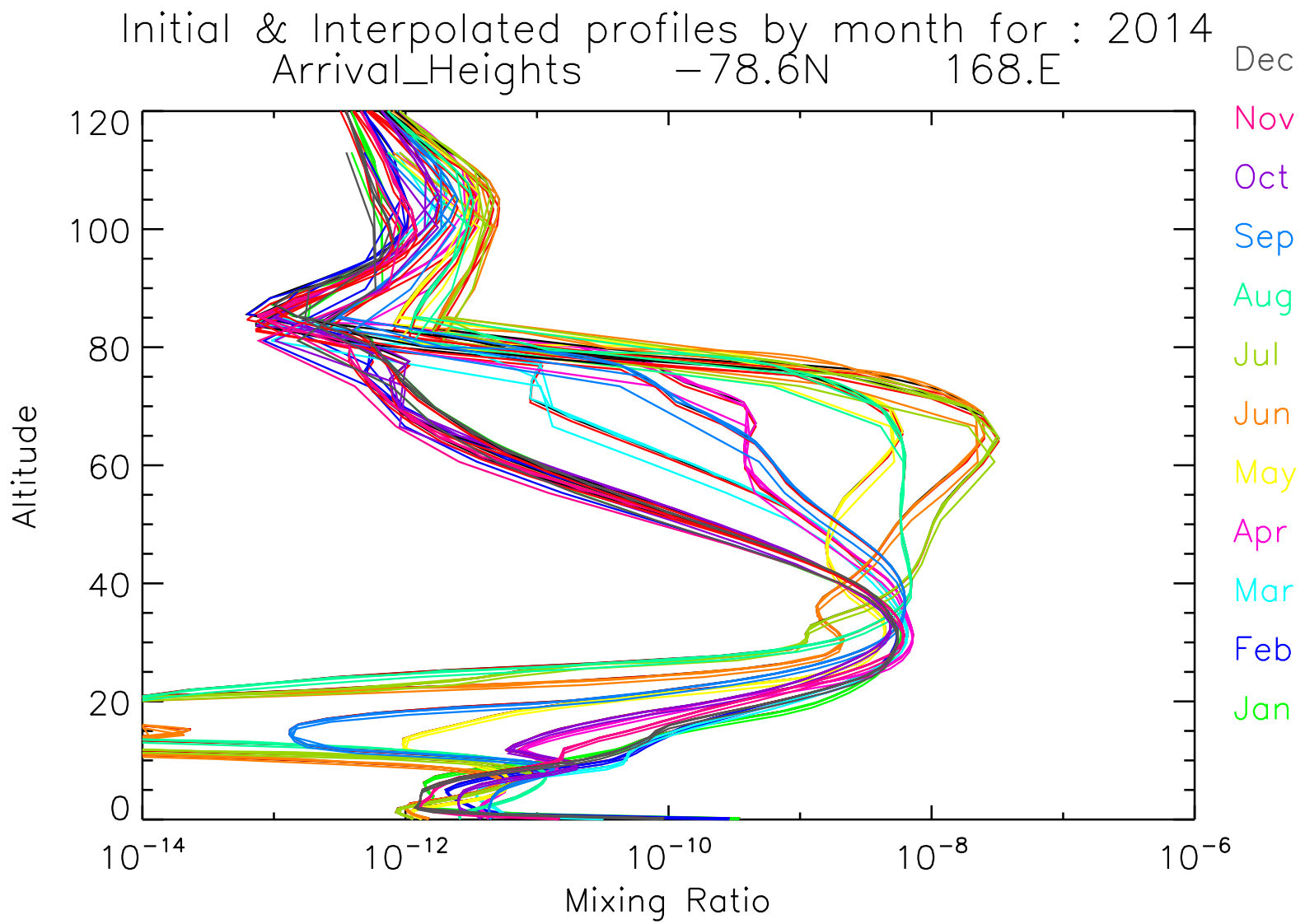
Initial & Interpolated profiles by month for : 2014
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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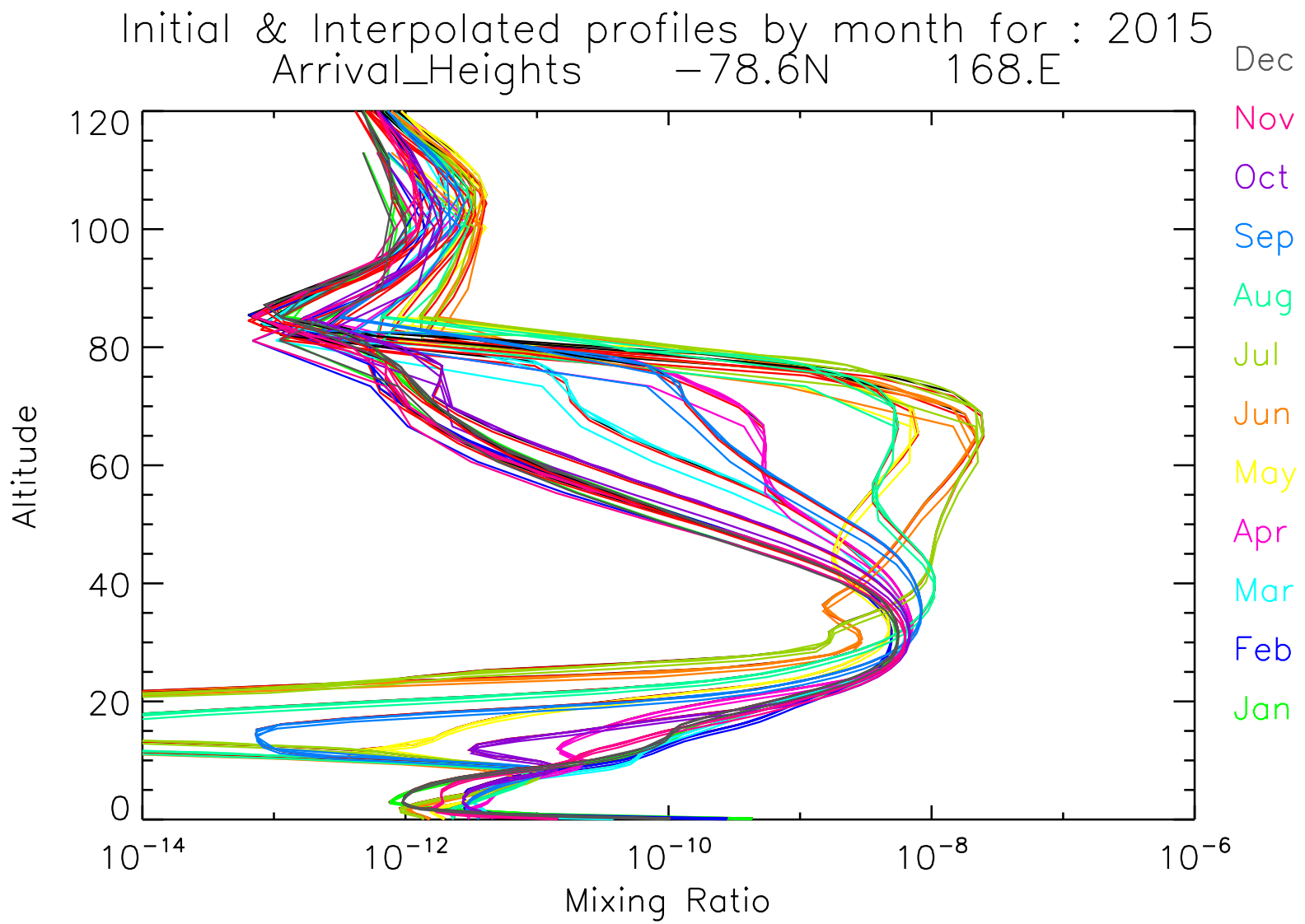
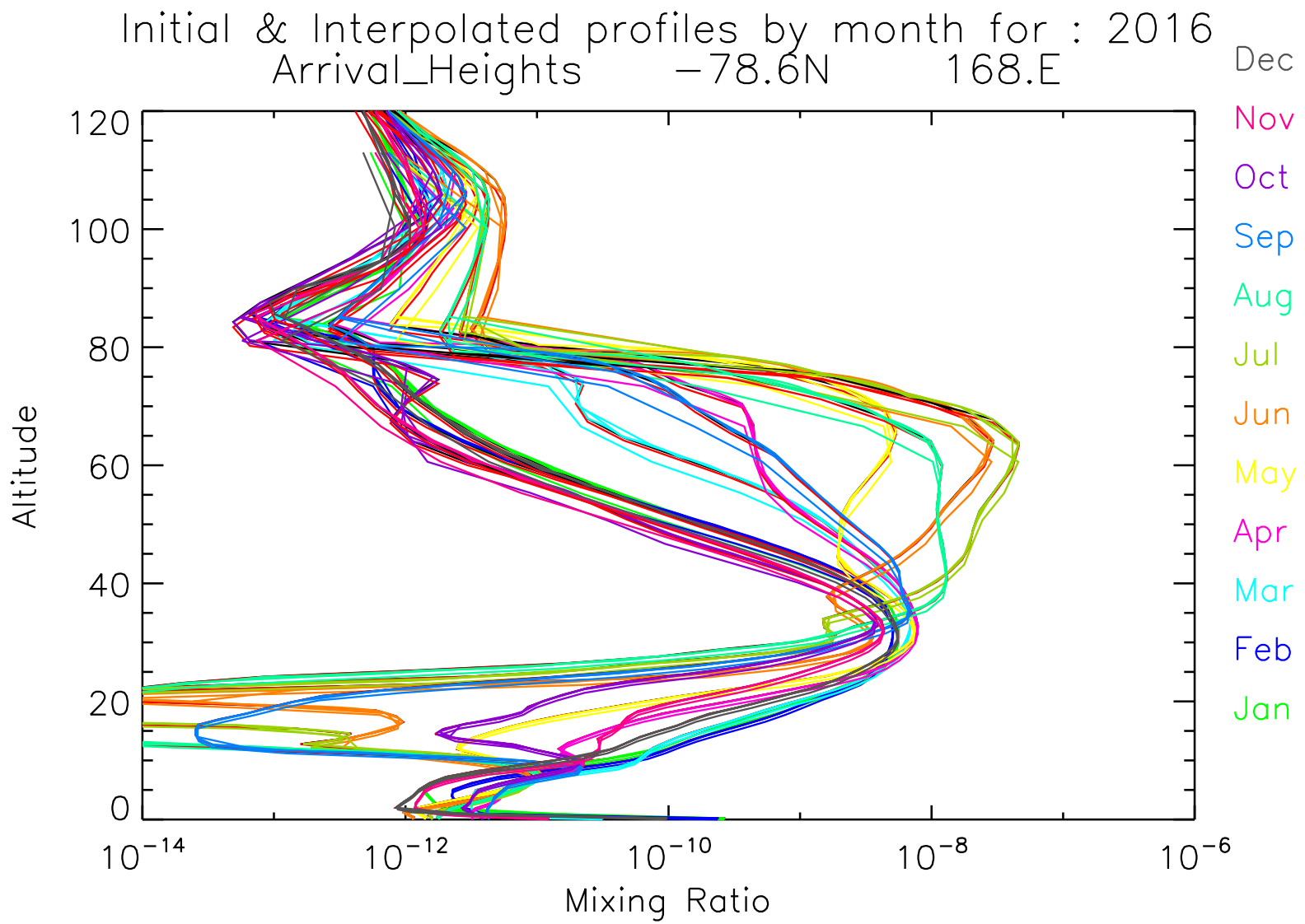
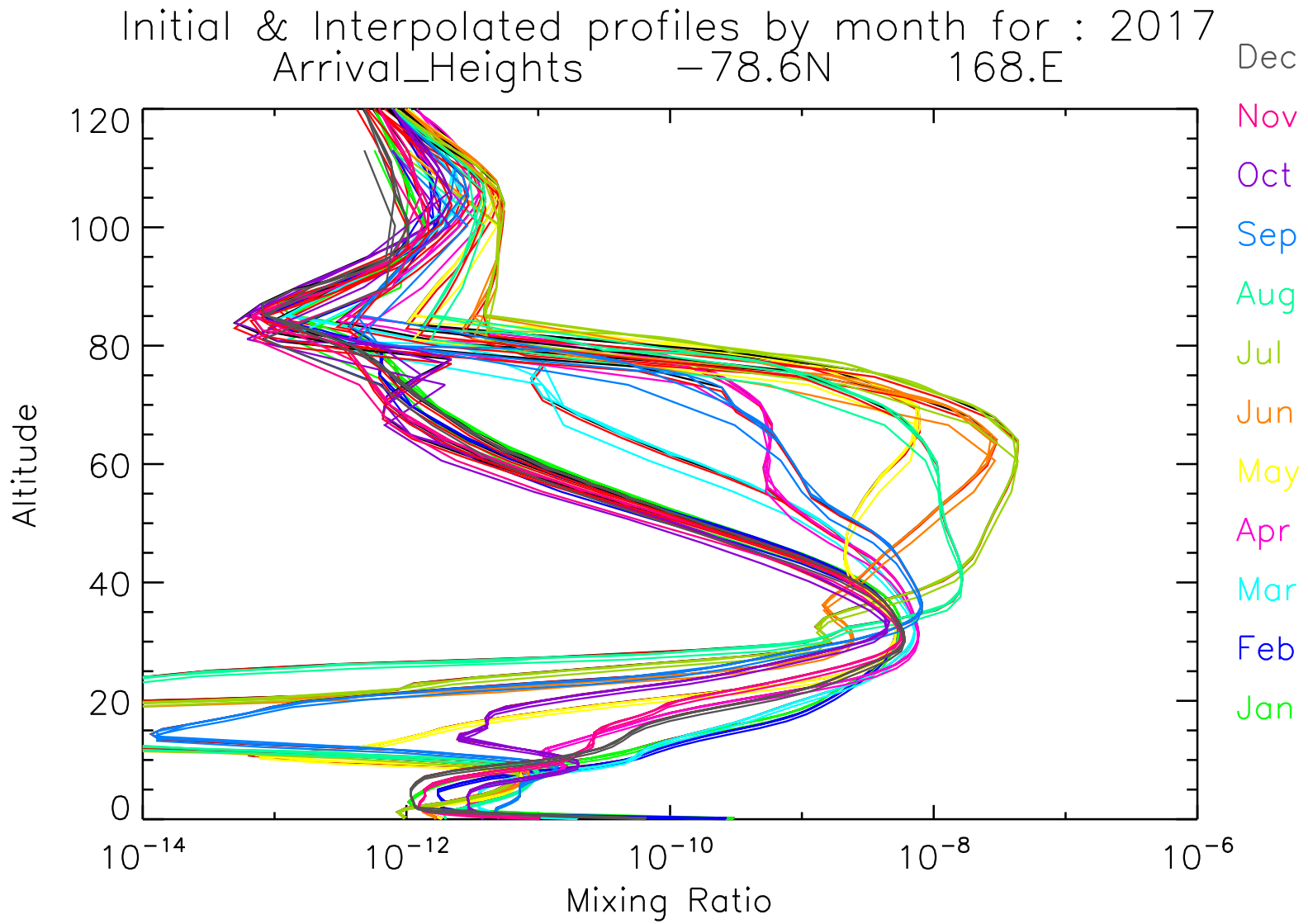
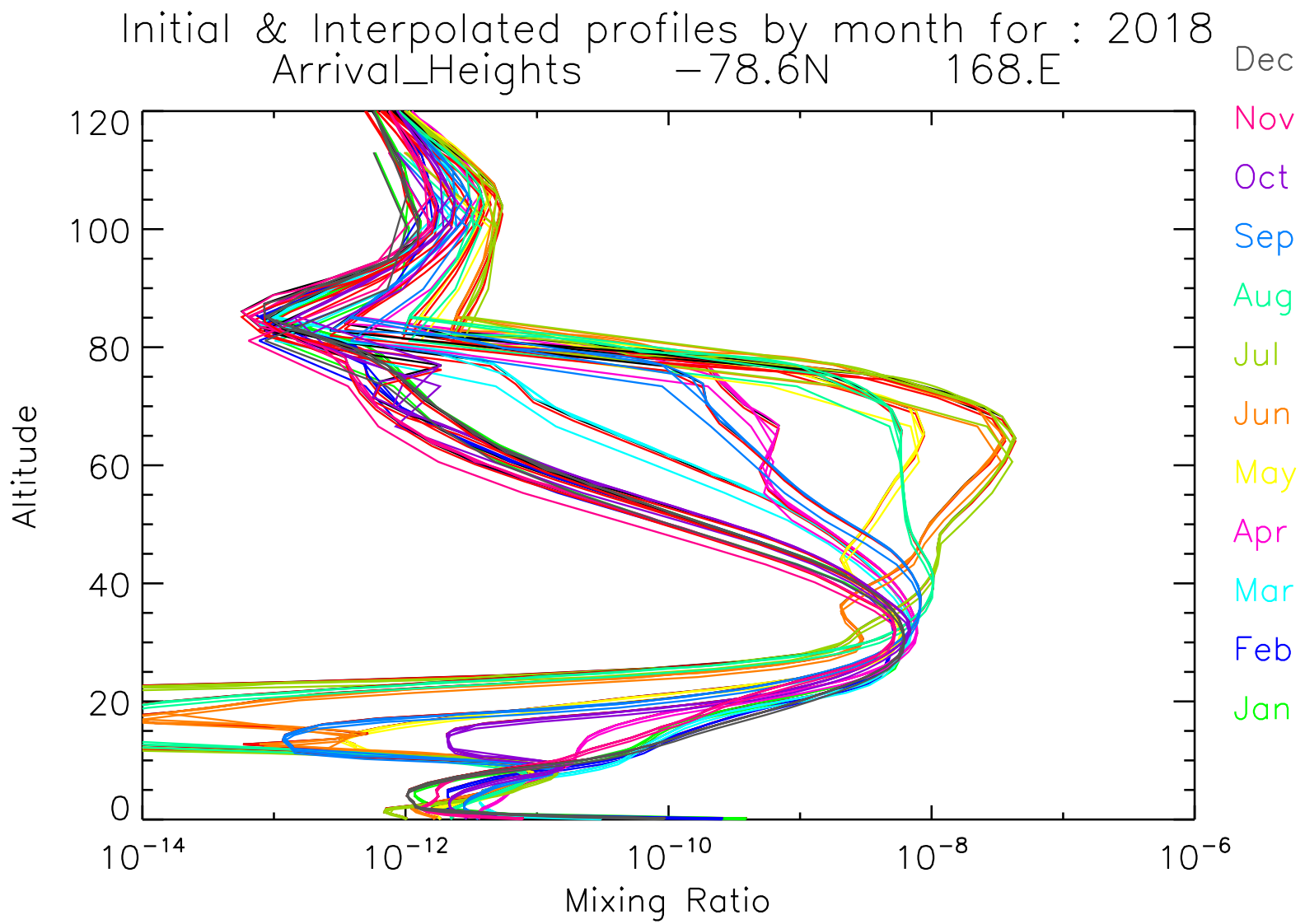
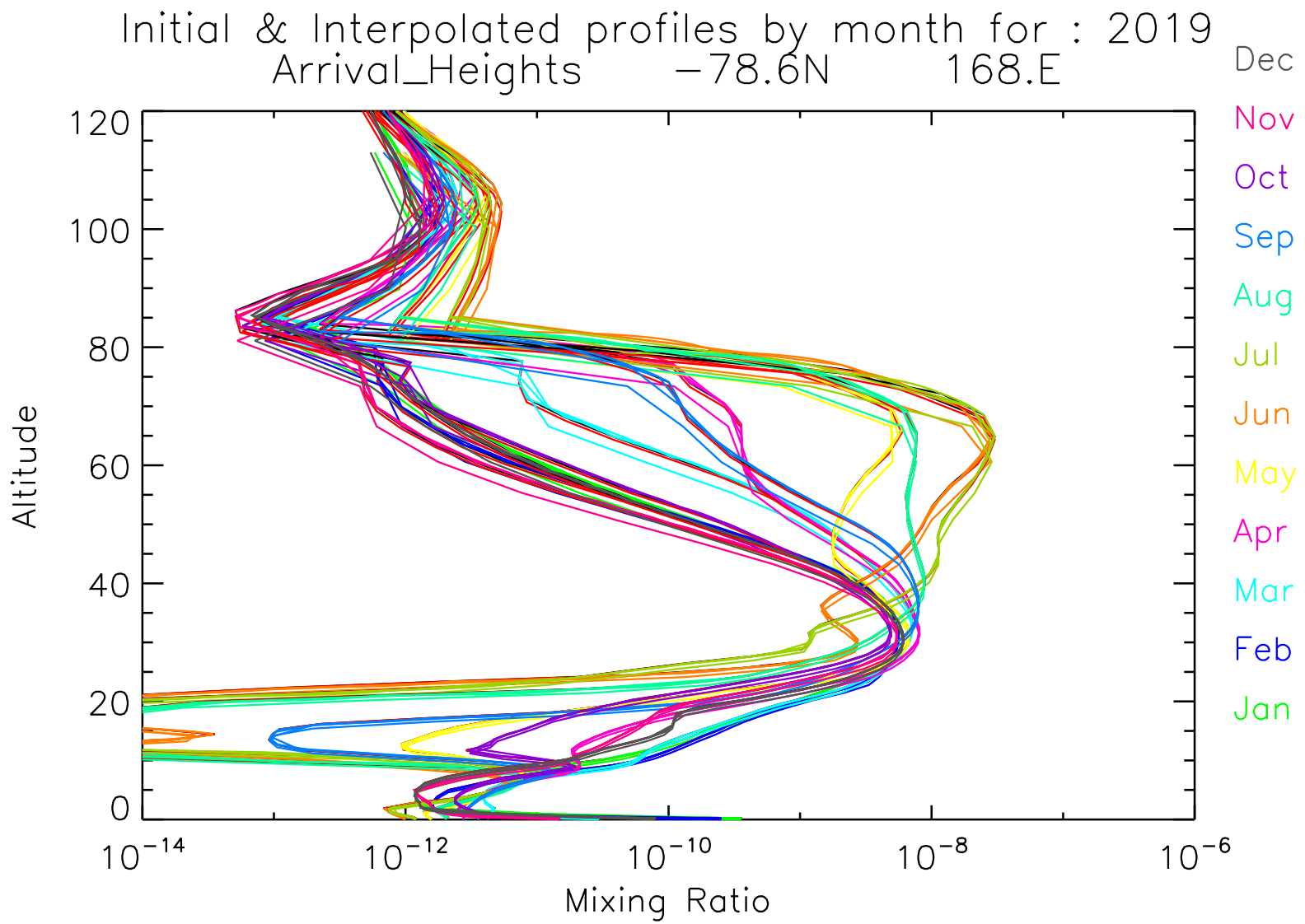
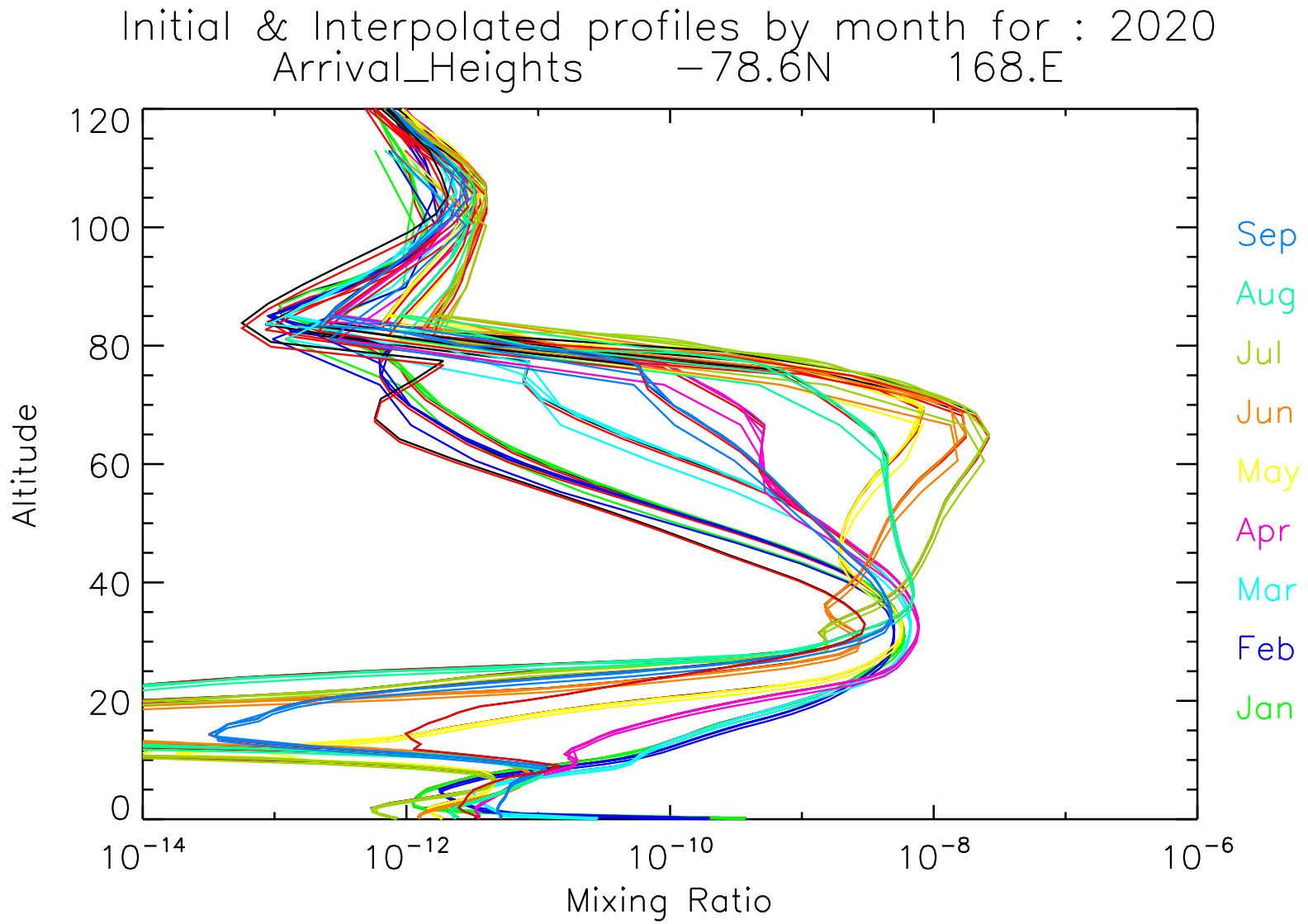

Initial & Interpolated profiles by month for : 2015
Arrival_Heights −78.6N 168.E
Altitude
120
100
80
60
40
20
0
10^{-14}
10^{-12}
10^{-10}
10^{-8}
10^{-6}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan


Initial & Interpolated profiles by month for : 2016
Arrival_Heights −78.6N 168.E
Altitude
120
100
80
60
40
20
0
10^{-14}
10^{-12}
10^{-10}
10^{-8}
10^{-6}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

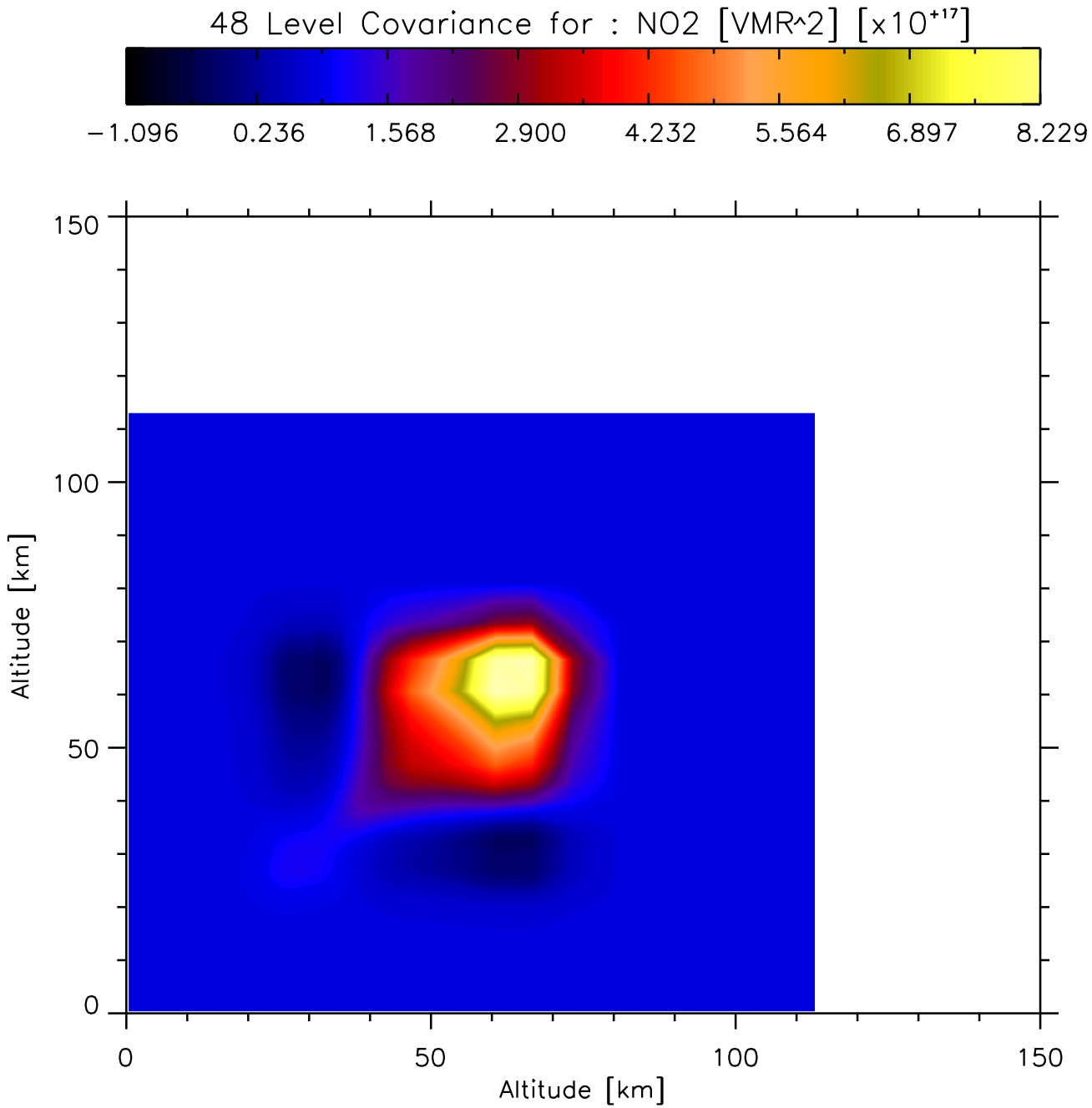

Initial & Interpolated profiles by month for : 2017
Arrival_Heights −78.6N 168.E
Altitude
120
100
80
60
40
20
0
10^{-14}
10^{-12}
10^{-10}
10^{-8}
10^{-6}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

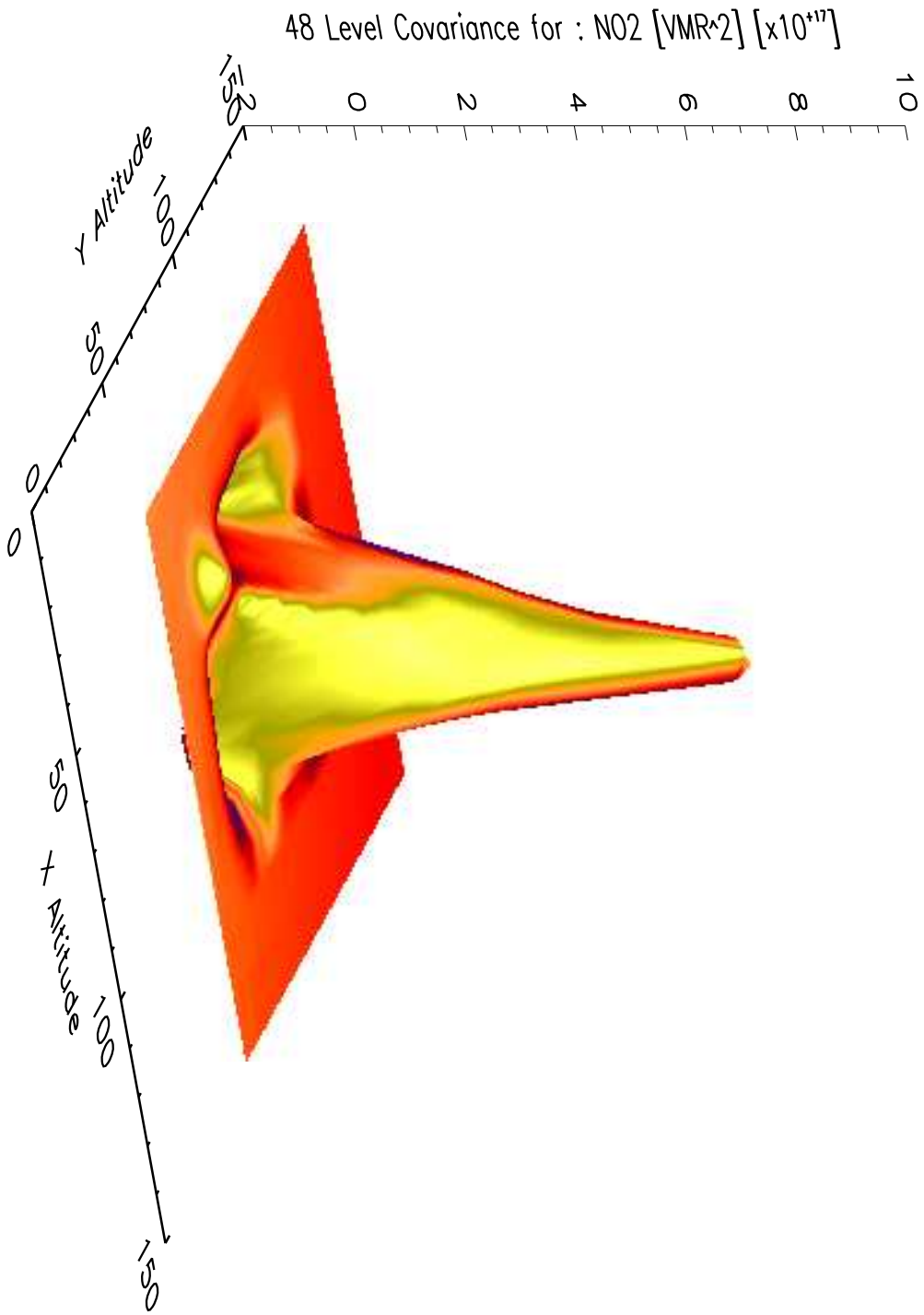

Initial & Interpolated profiles by month for : 2018
Arrival_Heights −78.6N 168.E
Altitude
120
100
80
60
40
20
0
10^{-14}
10^{-12}
10^{-10}
10^{-8}
10^{-6}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan


Initial & Interpolated profiles by month for : 2019
Arrival_Heights −78.6N 168.E
Altitude
120
100
80
60
40
20
0
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
Arrival_Heights −78.6N 168.E
Altitude
120
100
80
60
40
20
0
10^{-14}
10^{-12}
10^{-10}
10^{-8}
10^{-6}
Mixing Ratio
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

49 Layer Covariance for : NO2 [VMR^2] [x10^+16]
−0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
Y Altitude
0
50
100
0
50
100
X Altitude


48 Level Covariance for : NO2 [VMR^2] [x10^+17]
−1.096
0.236
1.568
2.900
4.232
5.564
6.897
8.229
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


48 Level Covariance for : NO2 [VMR^2] [x10^+17]
0
2
4
6
8
10
Y Altitude
0
50
100
150
0
50
100
150
X Altitude