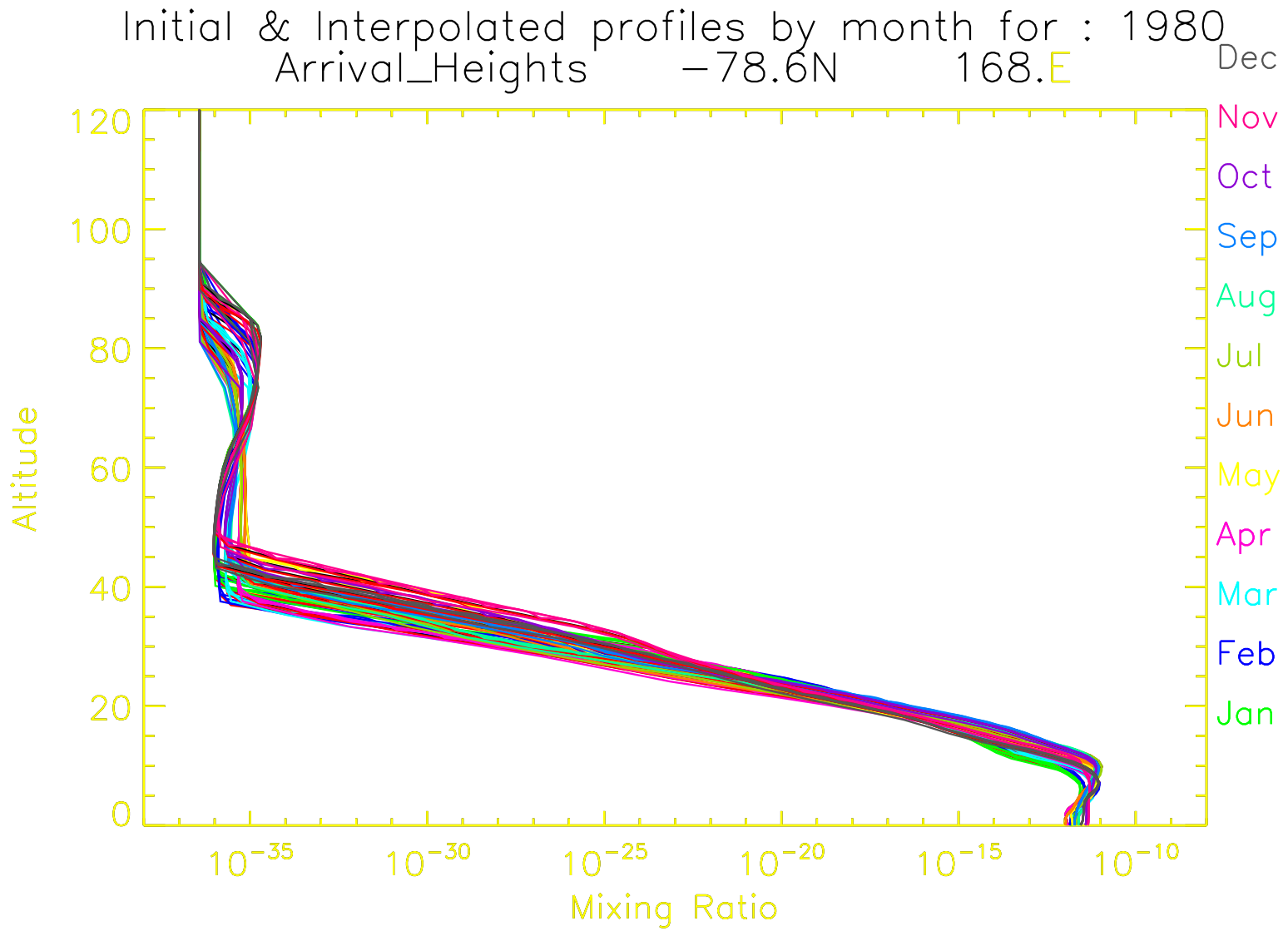
Initial & Interpolated profiles by month for : 1980
Arrival_Heights −78.6N 168.E
Dec
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120
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Altitude
10^{-35}
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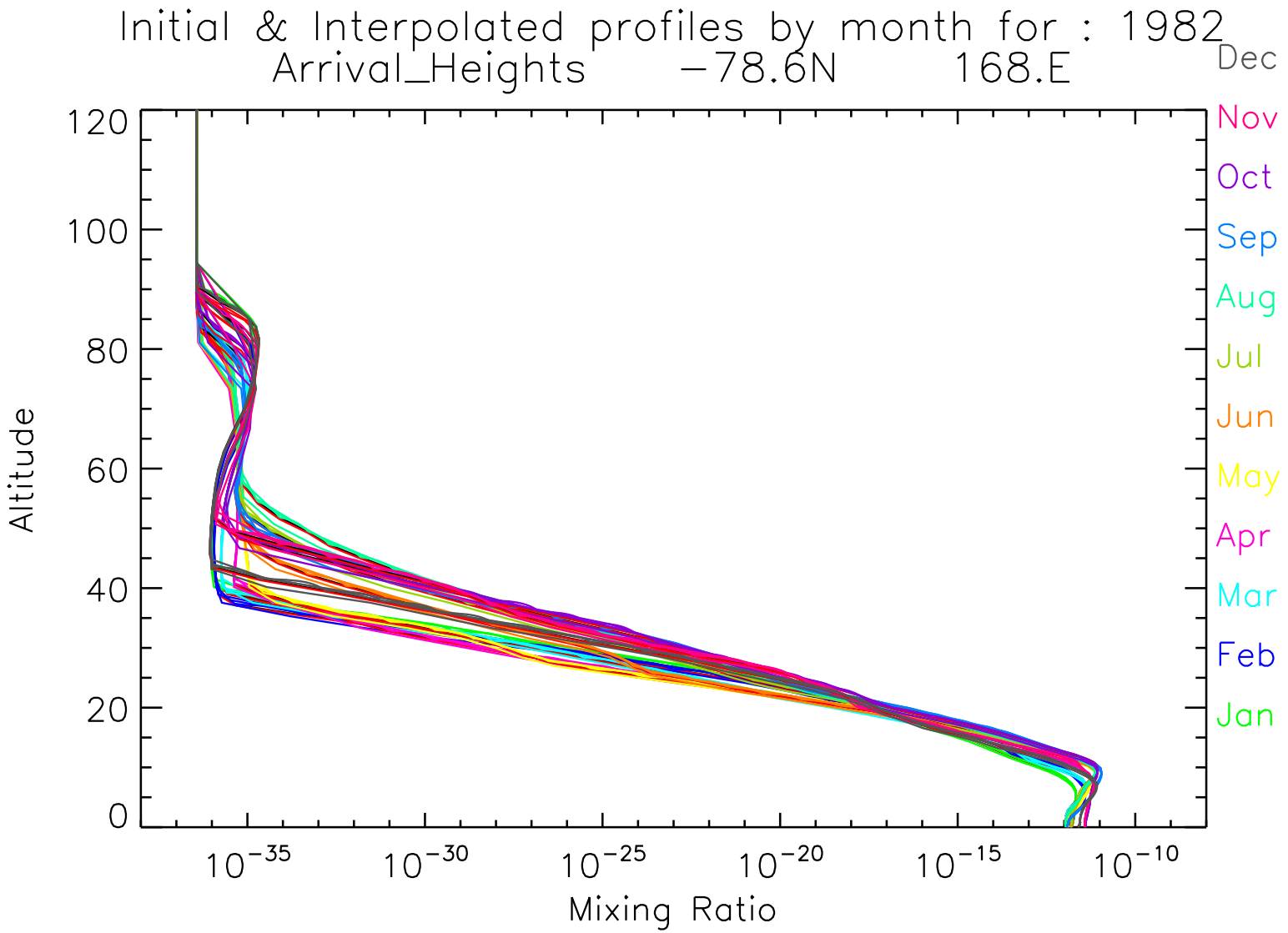
Mixing Ratio


Initial & Interpolated profiles by month for : 1982
Arrival_Heights −78.6N 168.E
Dec
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Feb
Jan
Altitude
120
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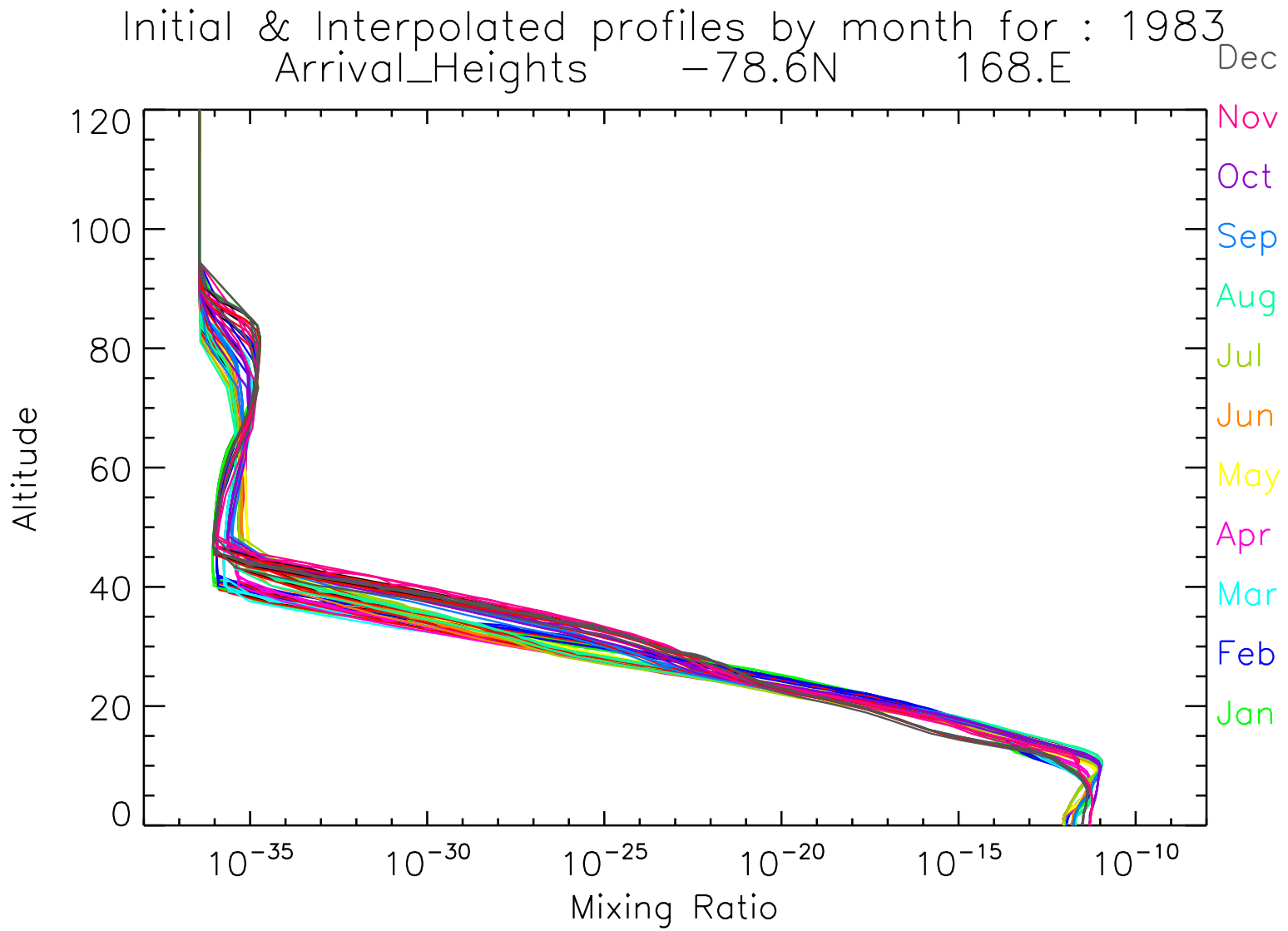
Mixing Ratio


Initial & Interpolated profiles by month for : 1983
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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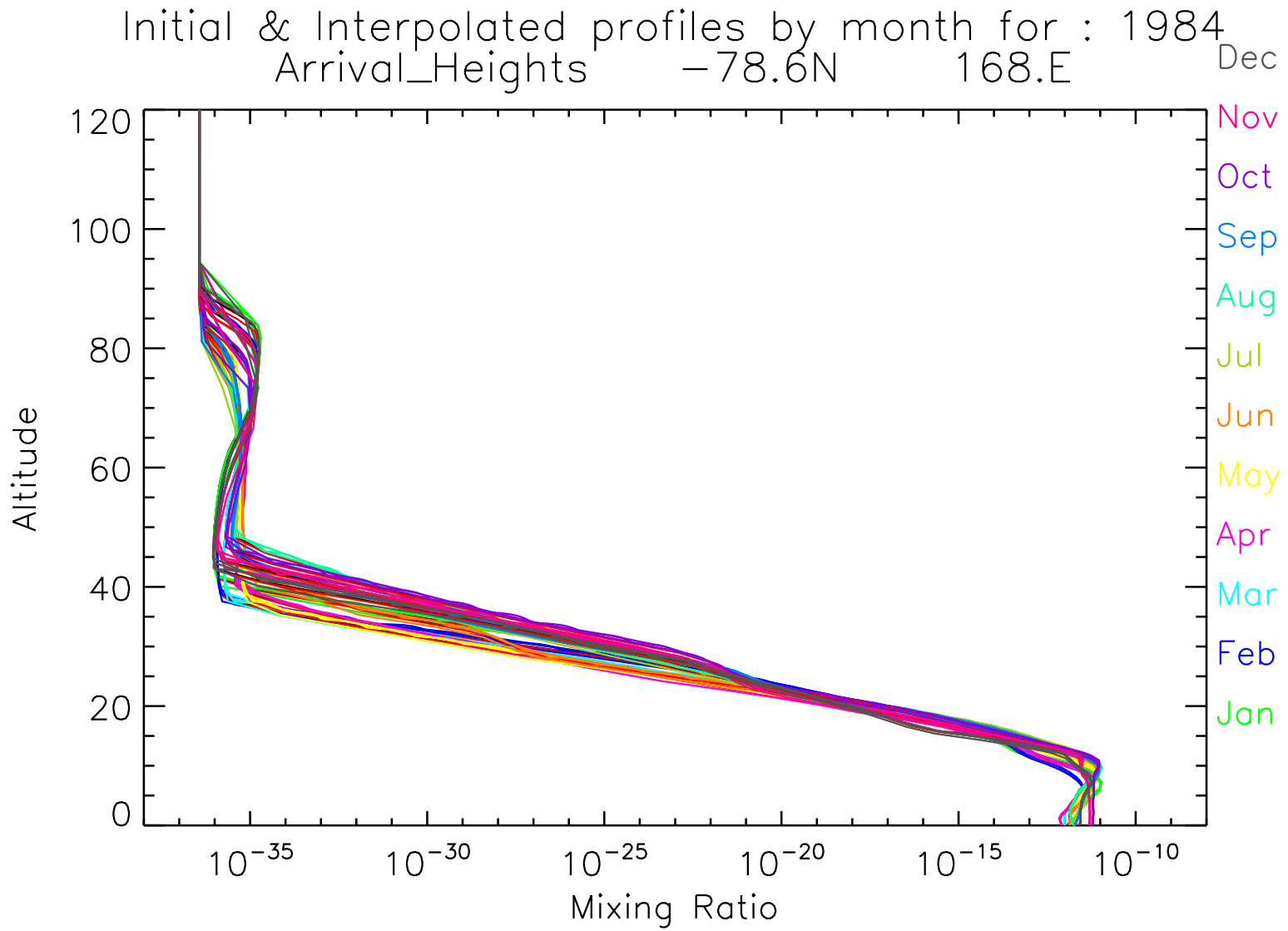
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1984
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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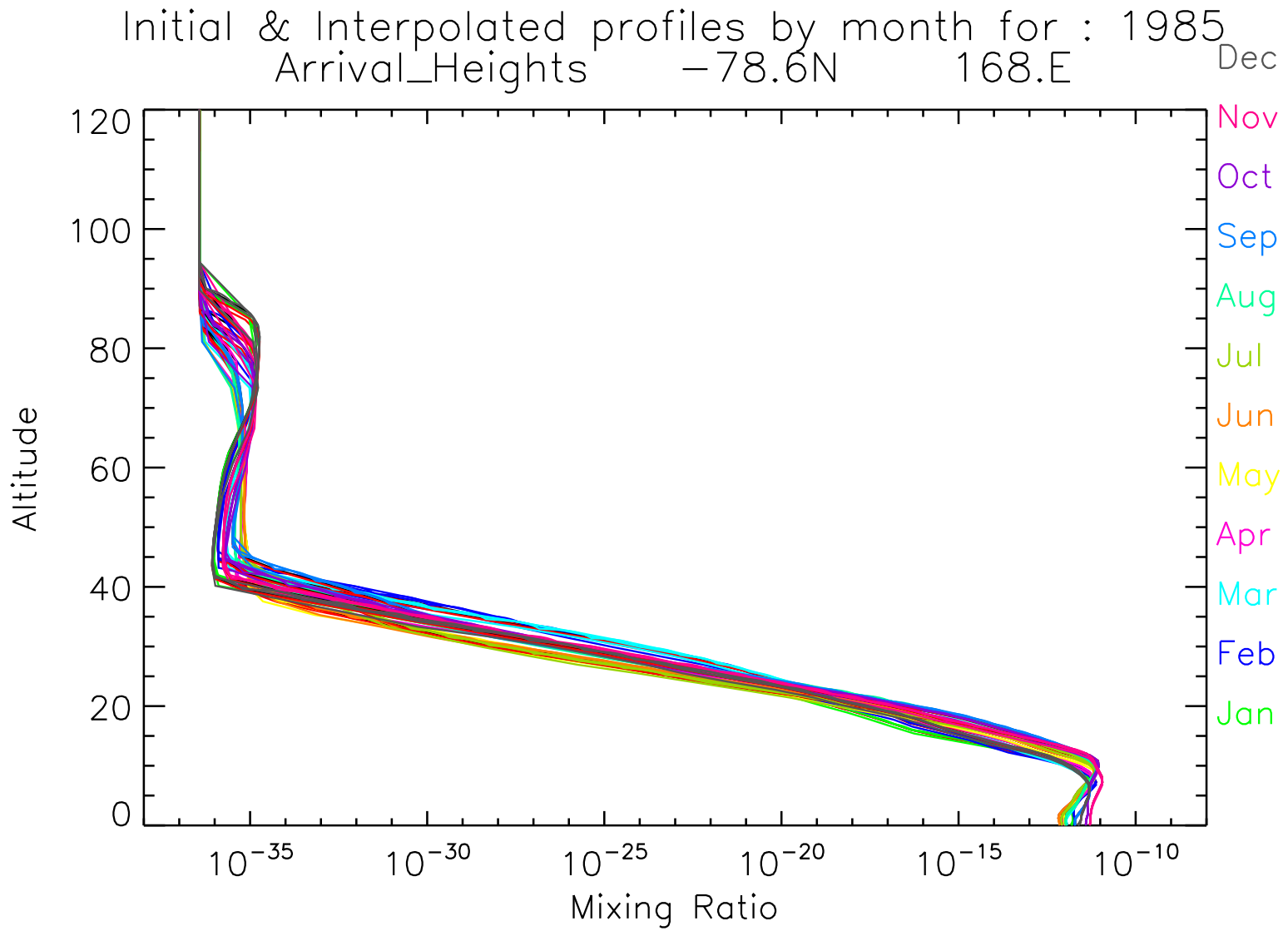
Mixing Ratio


Initial & Interpolated profiles by month for : 1985
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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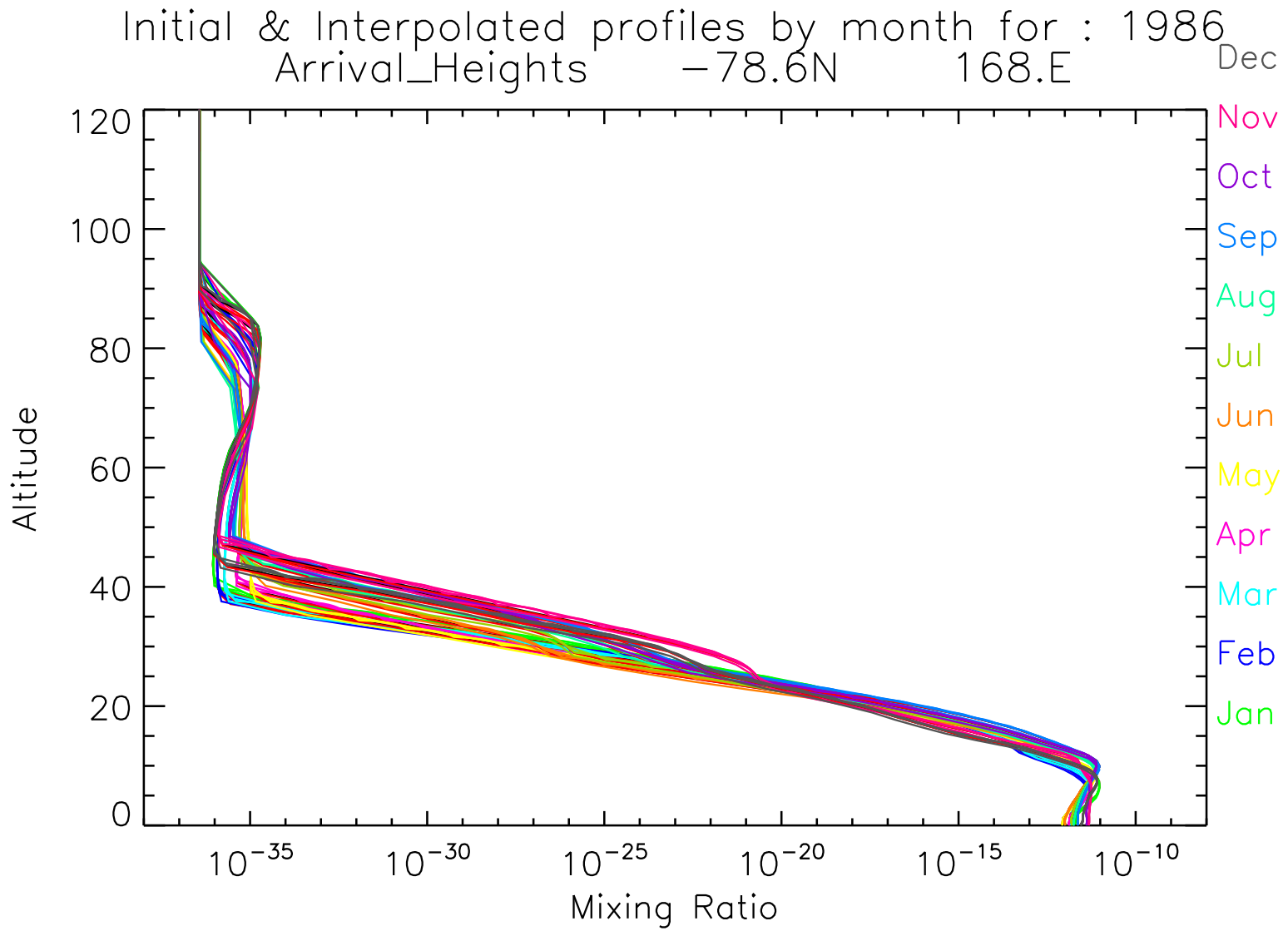
Mixing Ratio


Initial & Interpolated profiles by month for : 1986
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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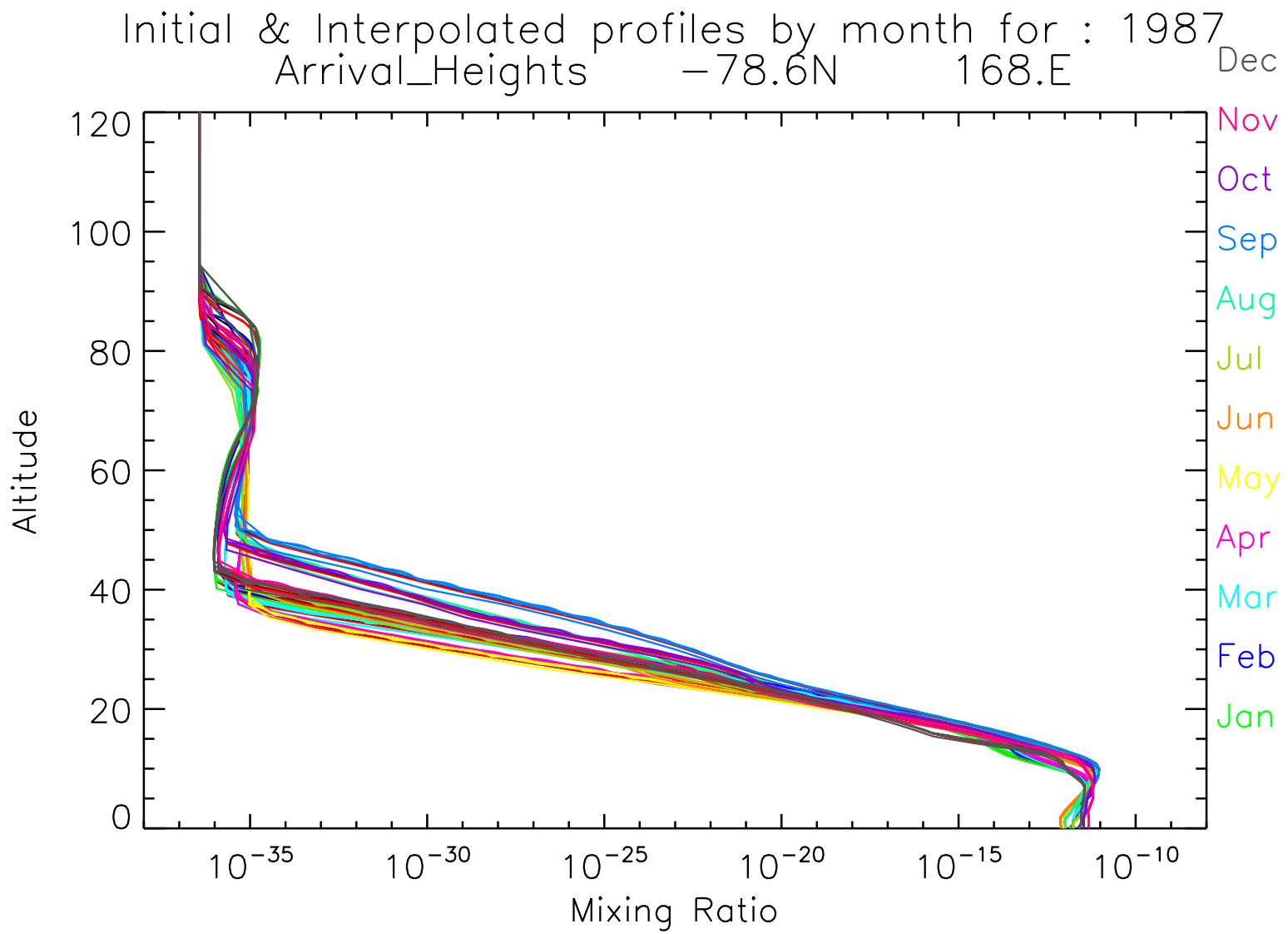
Mixing Ratio


Initial & Interpolated profiles by month for : 1987
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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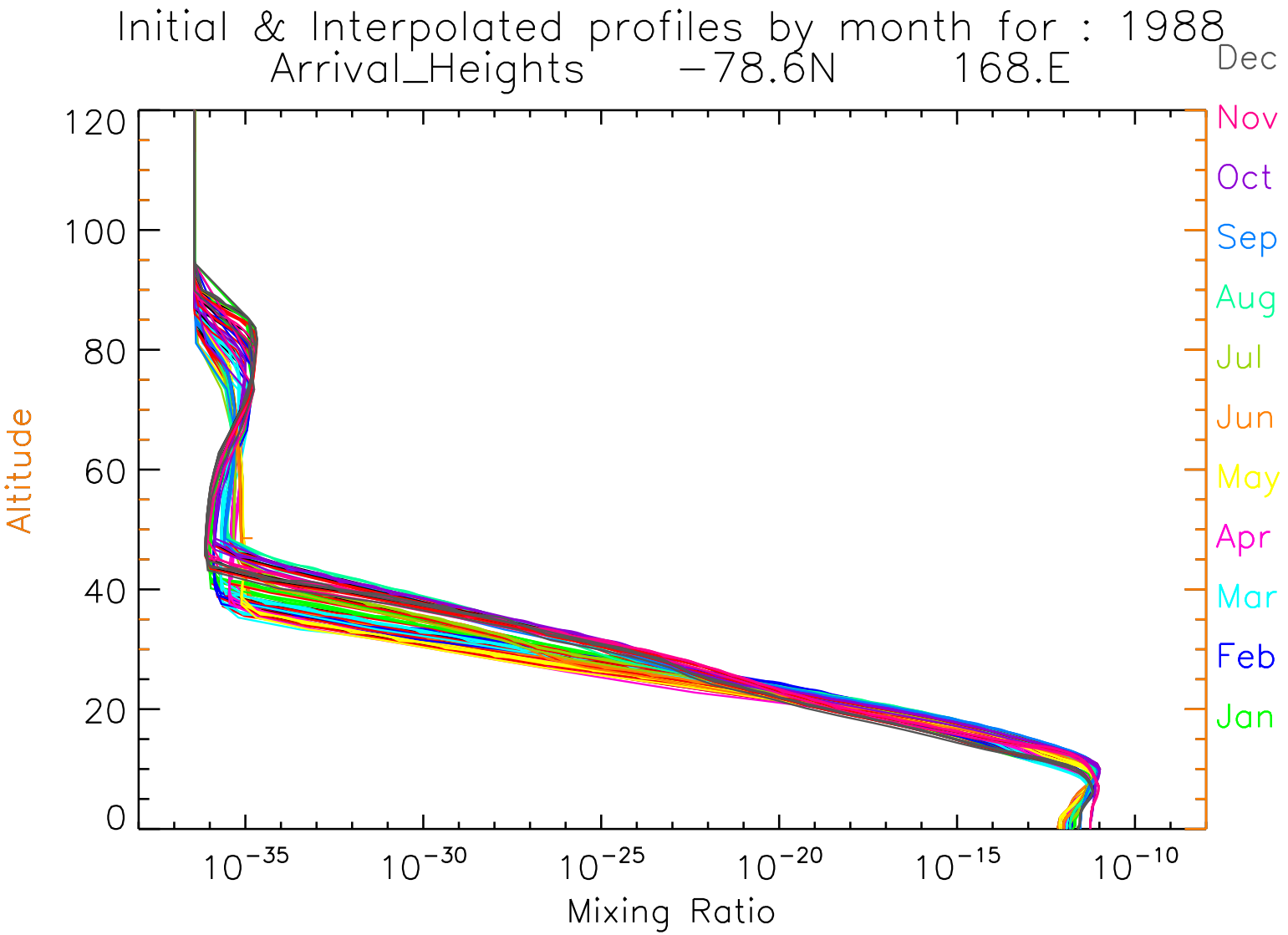
Mixing Ratio


Initial & Interpolated profiles by month for : 1988
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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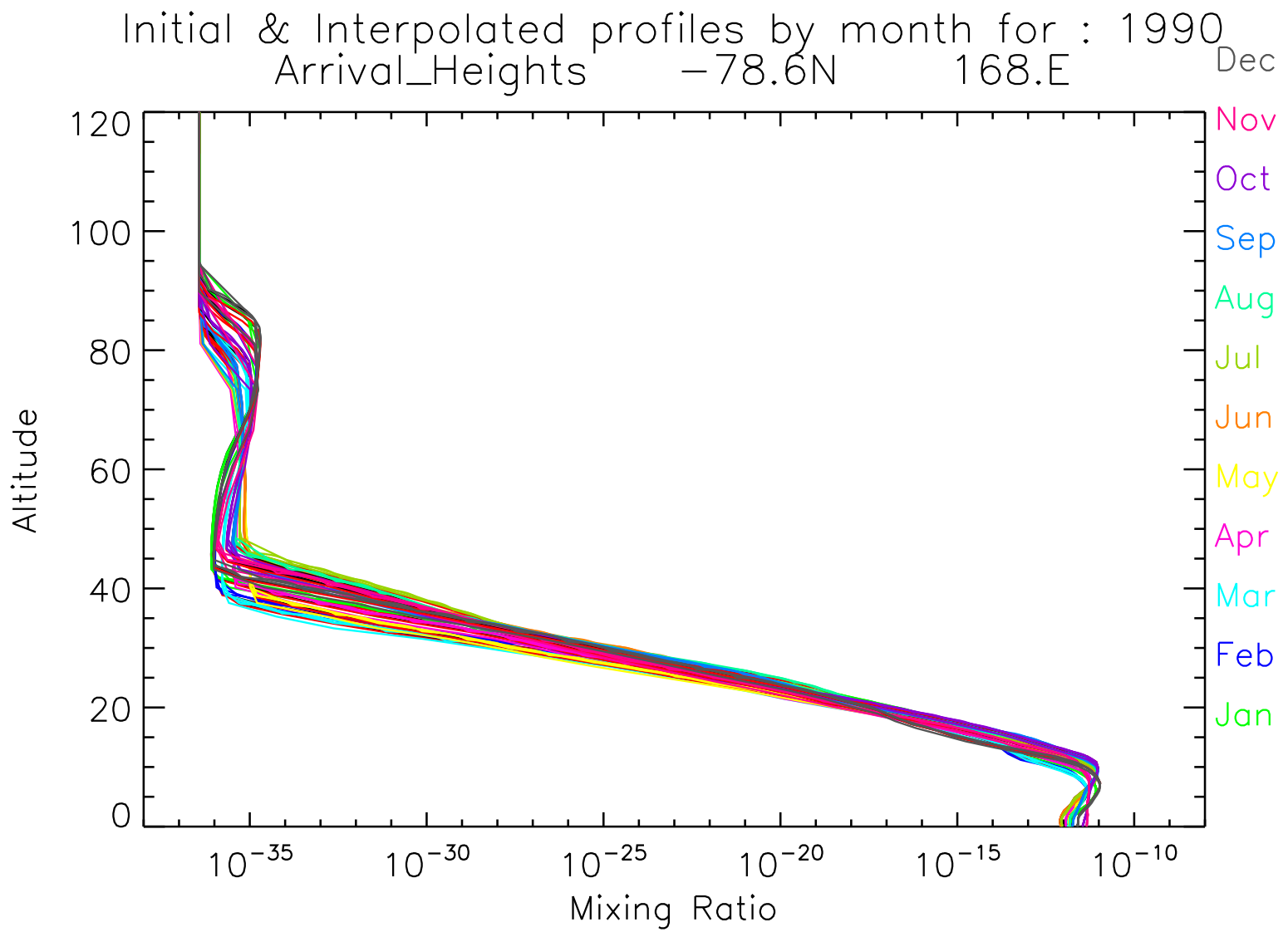
Mixing Ratio


Initial & Interpolated profiles by month for : 1990
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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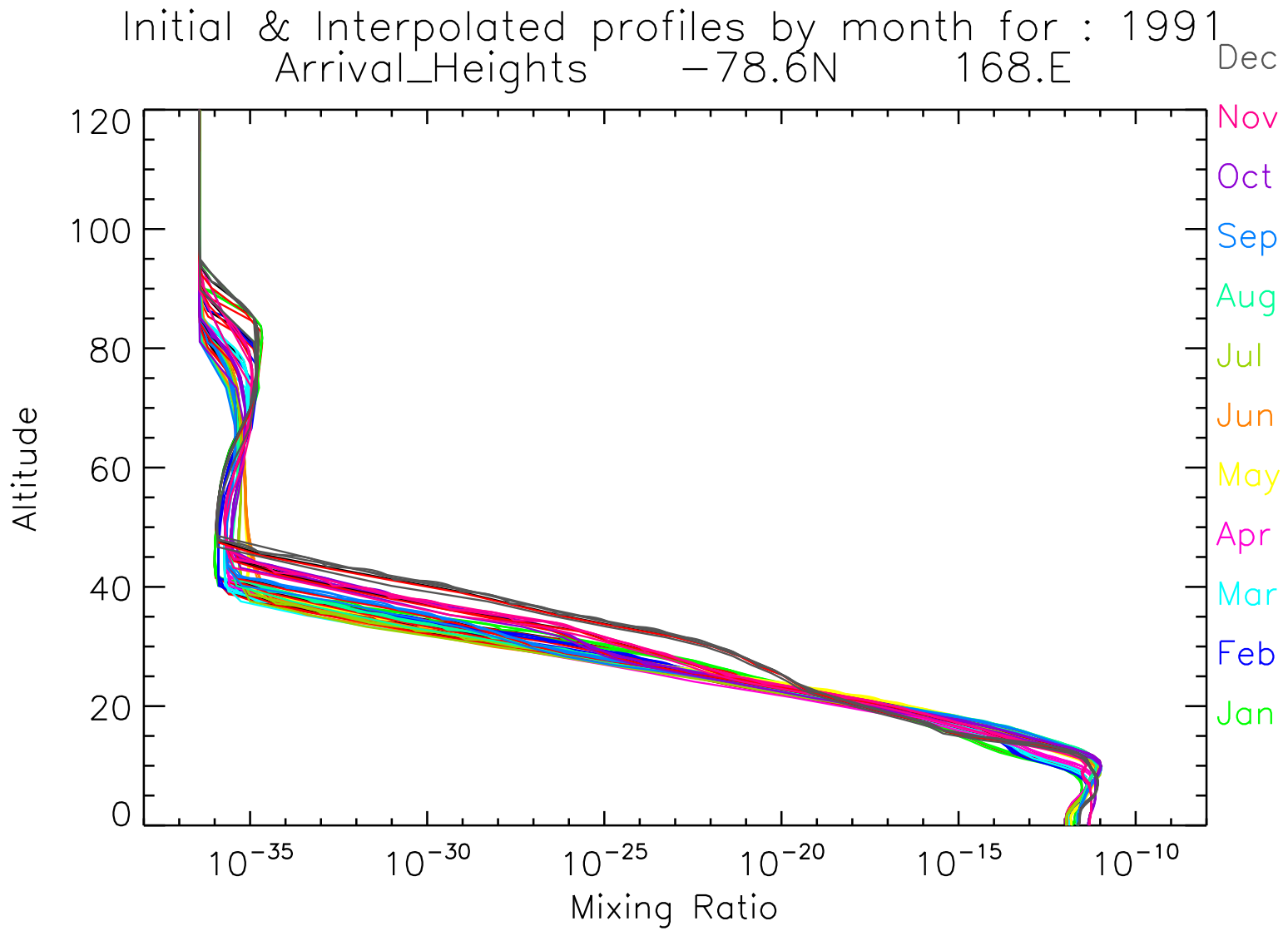
Mixing Ratio


Initial & Interpolated profiles by month for : 1991
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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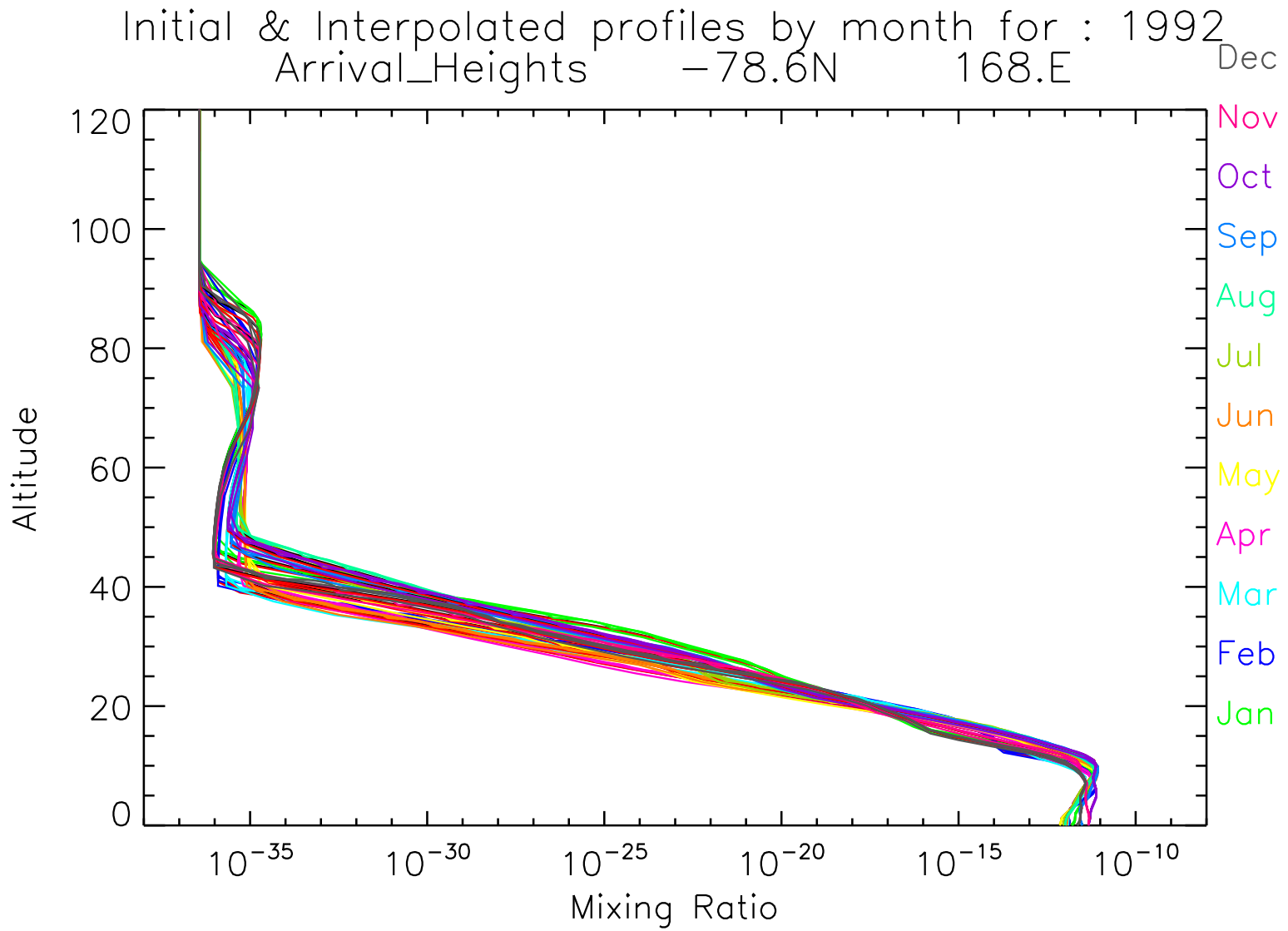
Mixing Ratio


Initial & Interpolated profiles by month for : 1992
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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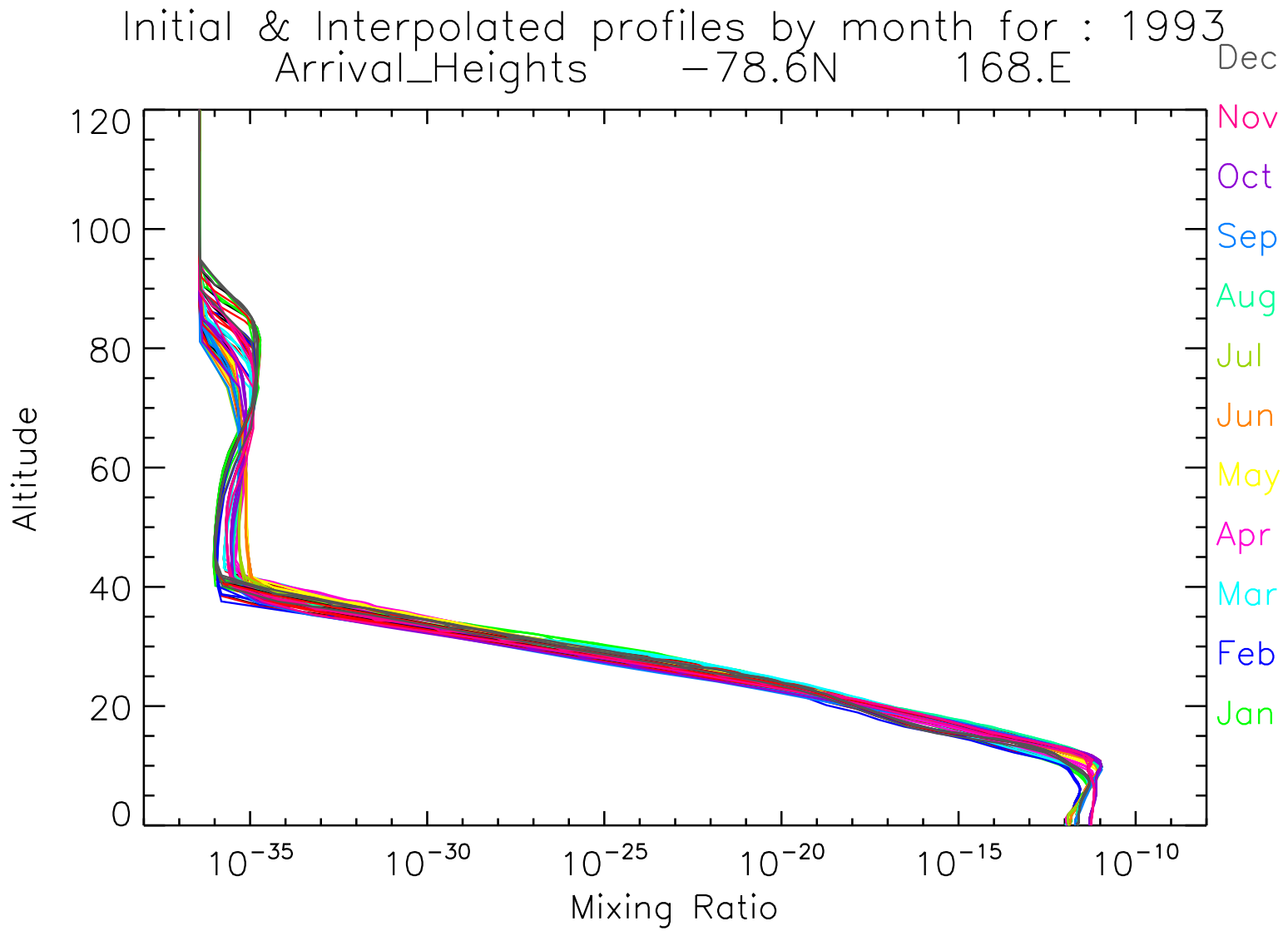
Mixing Ratio


Initial & Interpolated profiles by month for : 1993
Arrival_Heights −78.6N 168.E
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Altitude
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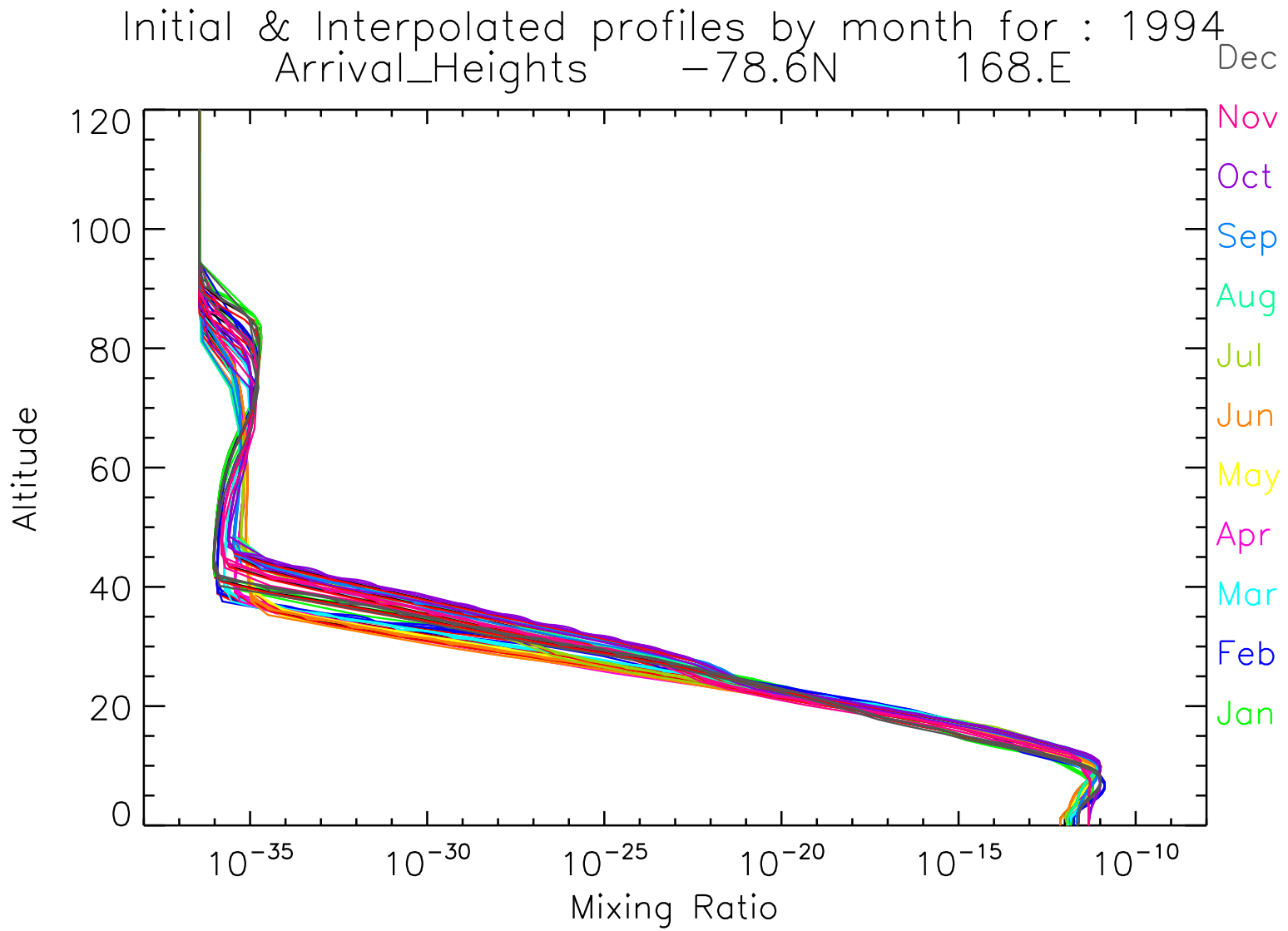
Mixing Ratio


Initial & Interpolated profiles by month for : 1994
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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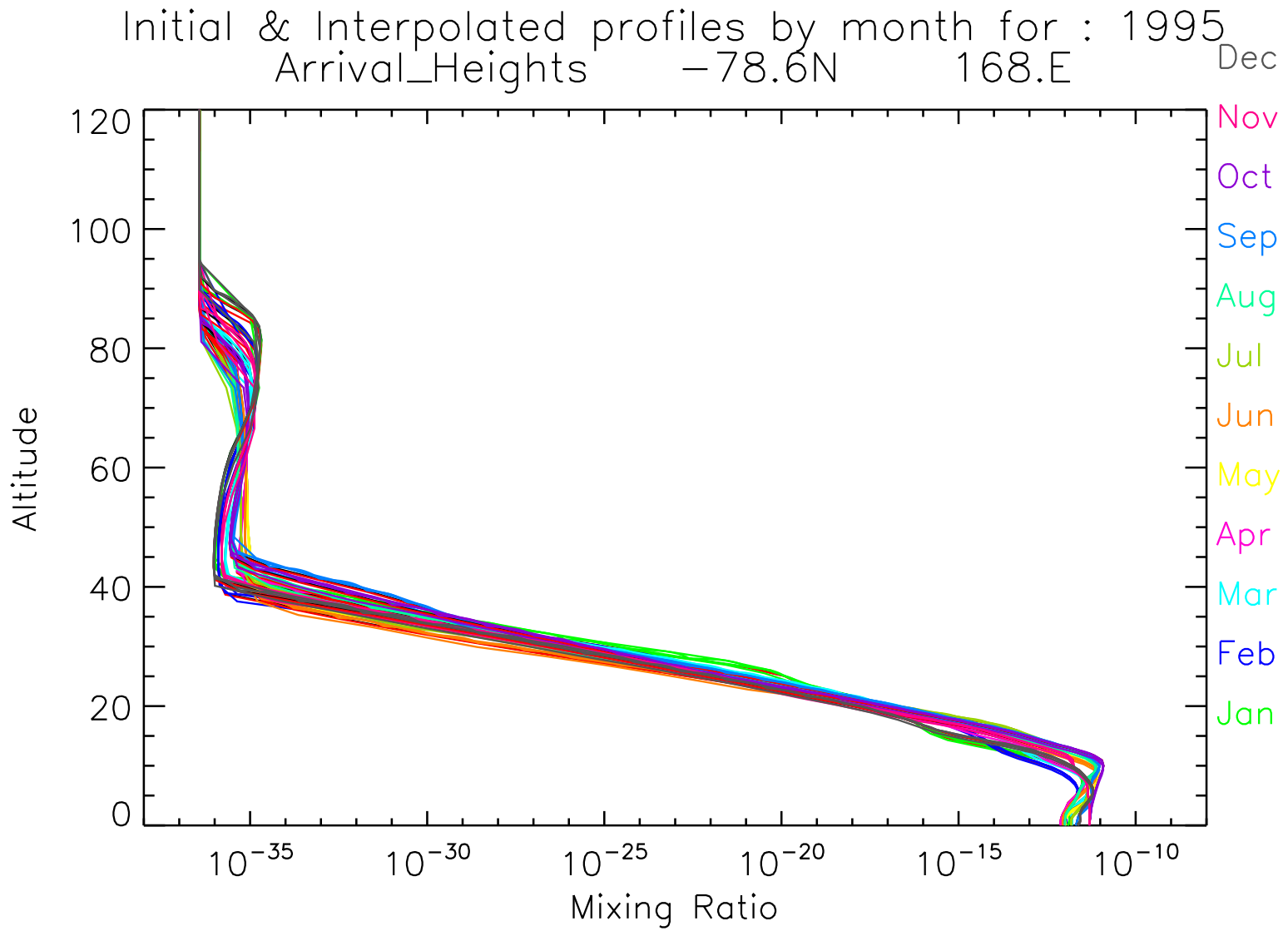
Mixing Ratio


Initial & Interpolated profiles by month for : 1995
Arrival_Heights −78.6N 168.E
Dec
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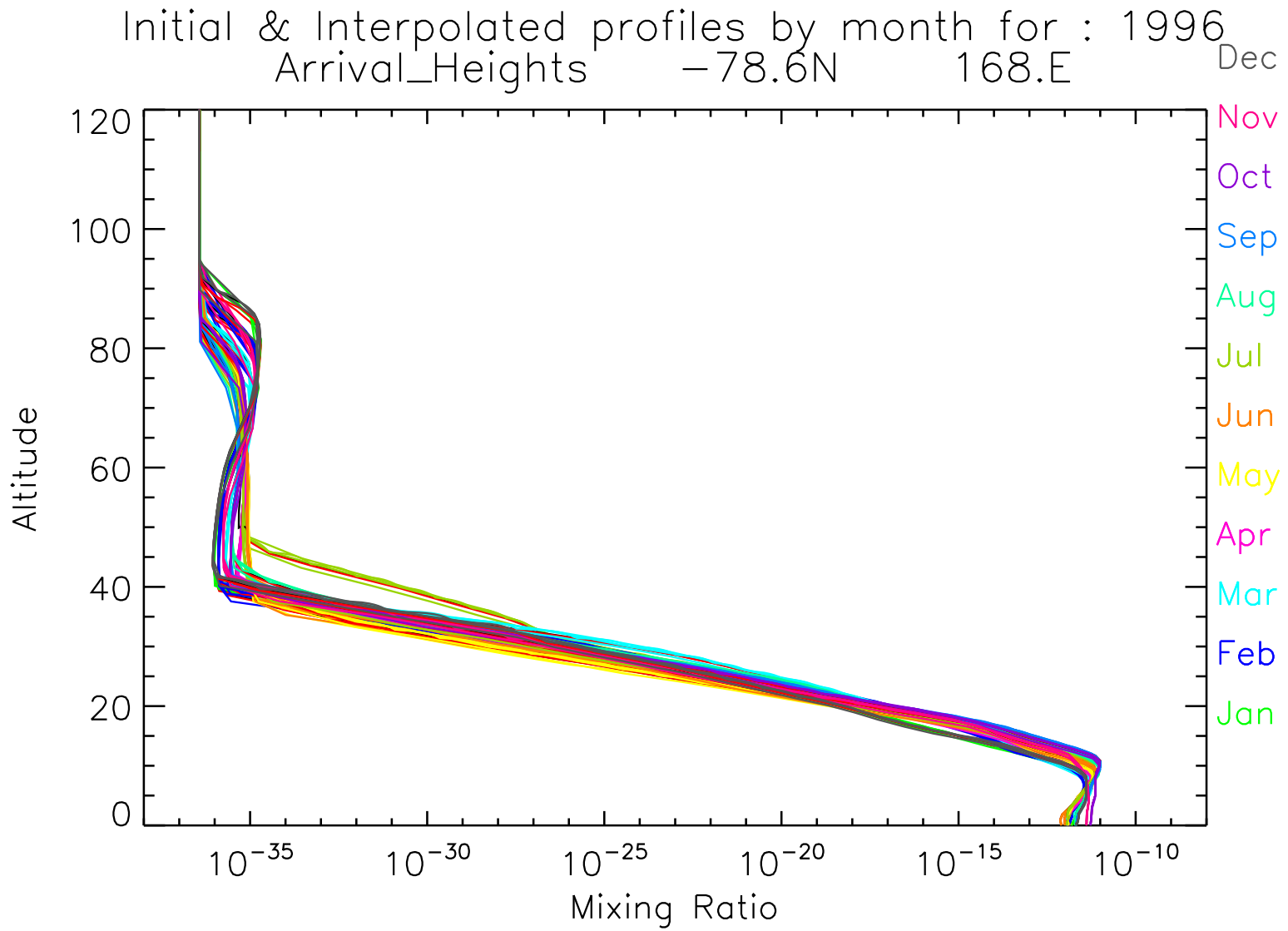
Mixing Ratio


Initial & Interpolated profiles by month for : 1996
Arrival_Heights −78.6N 168.E
Dec
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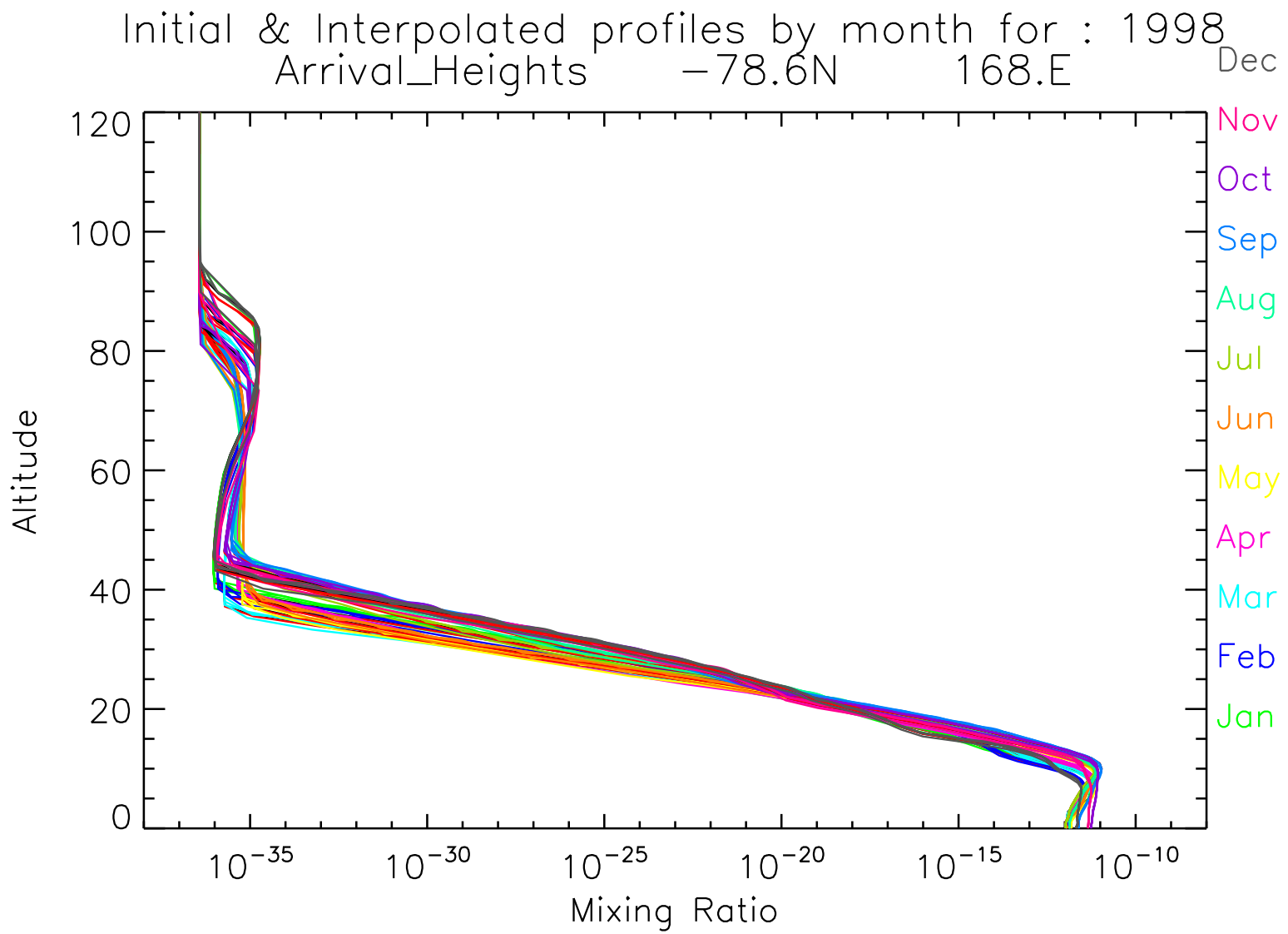
Mixing Ratio


Initial & Interpolated profiles by month for : 1998
Arrival_Heights −78.6N 168.E
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Altitude
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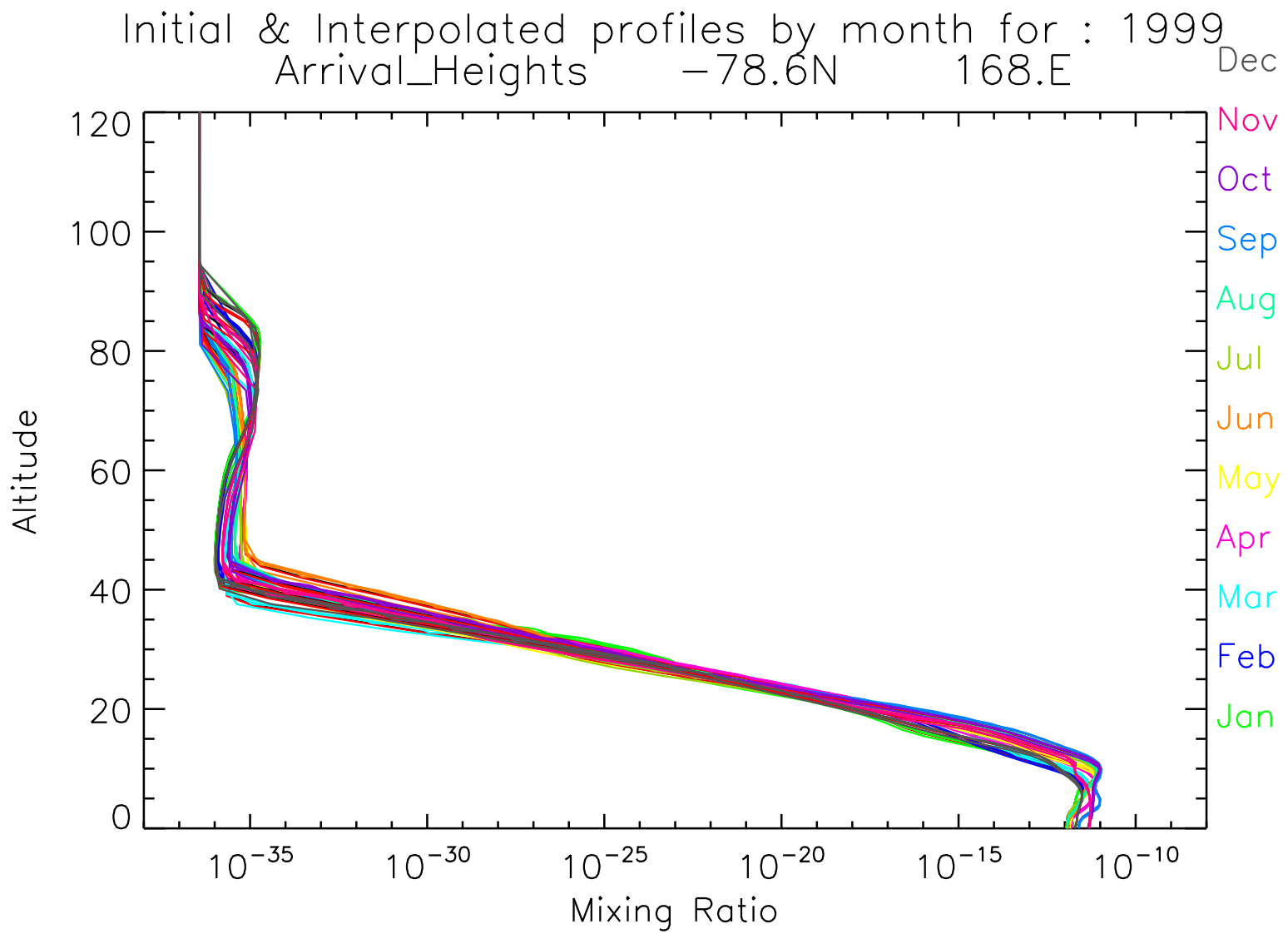
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1999
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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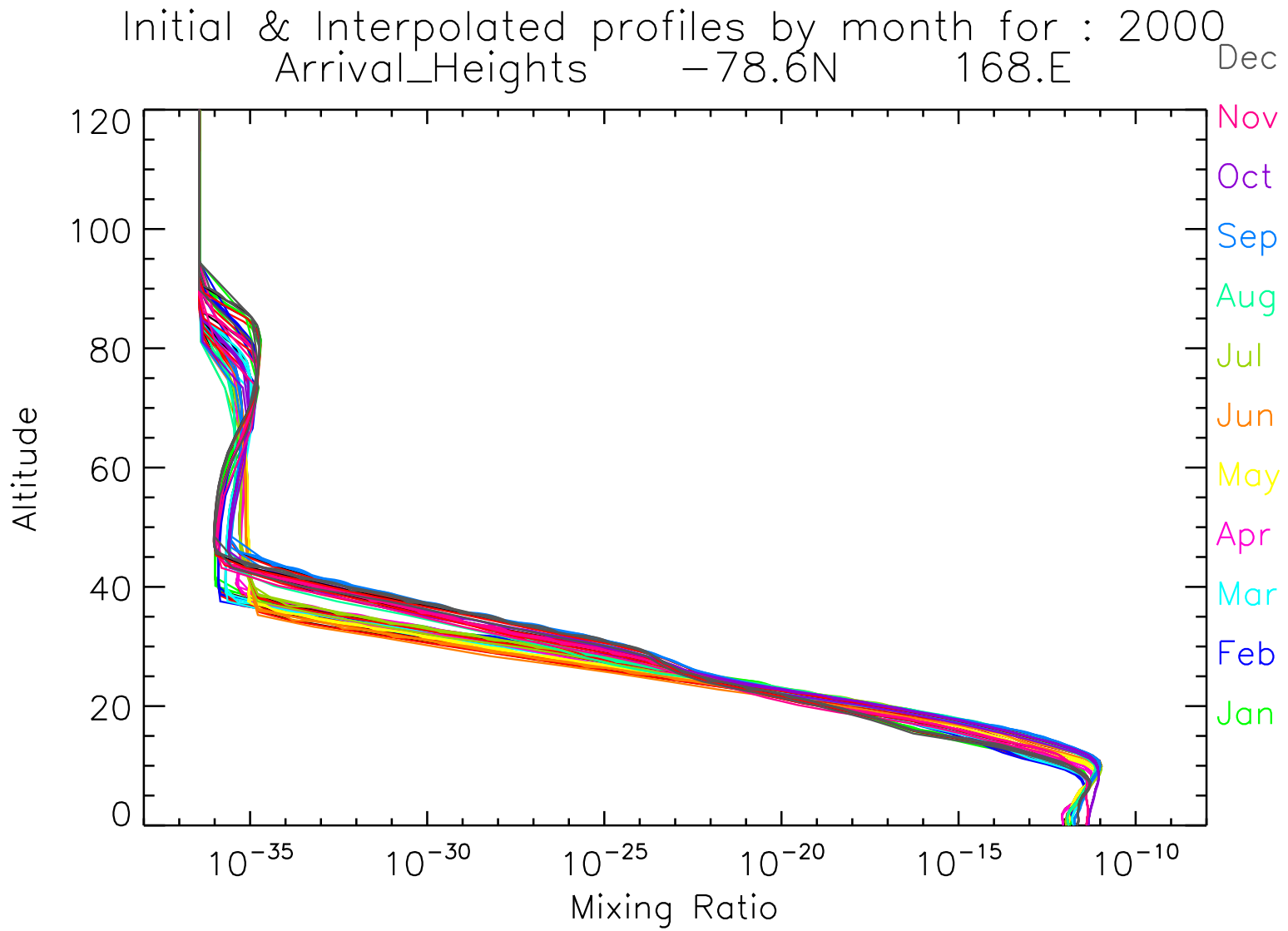
Mixing Ratio


Initial & Interpolated profiles by month for : 2000
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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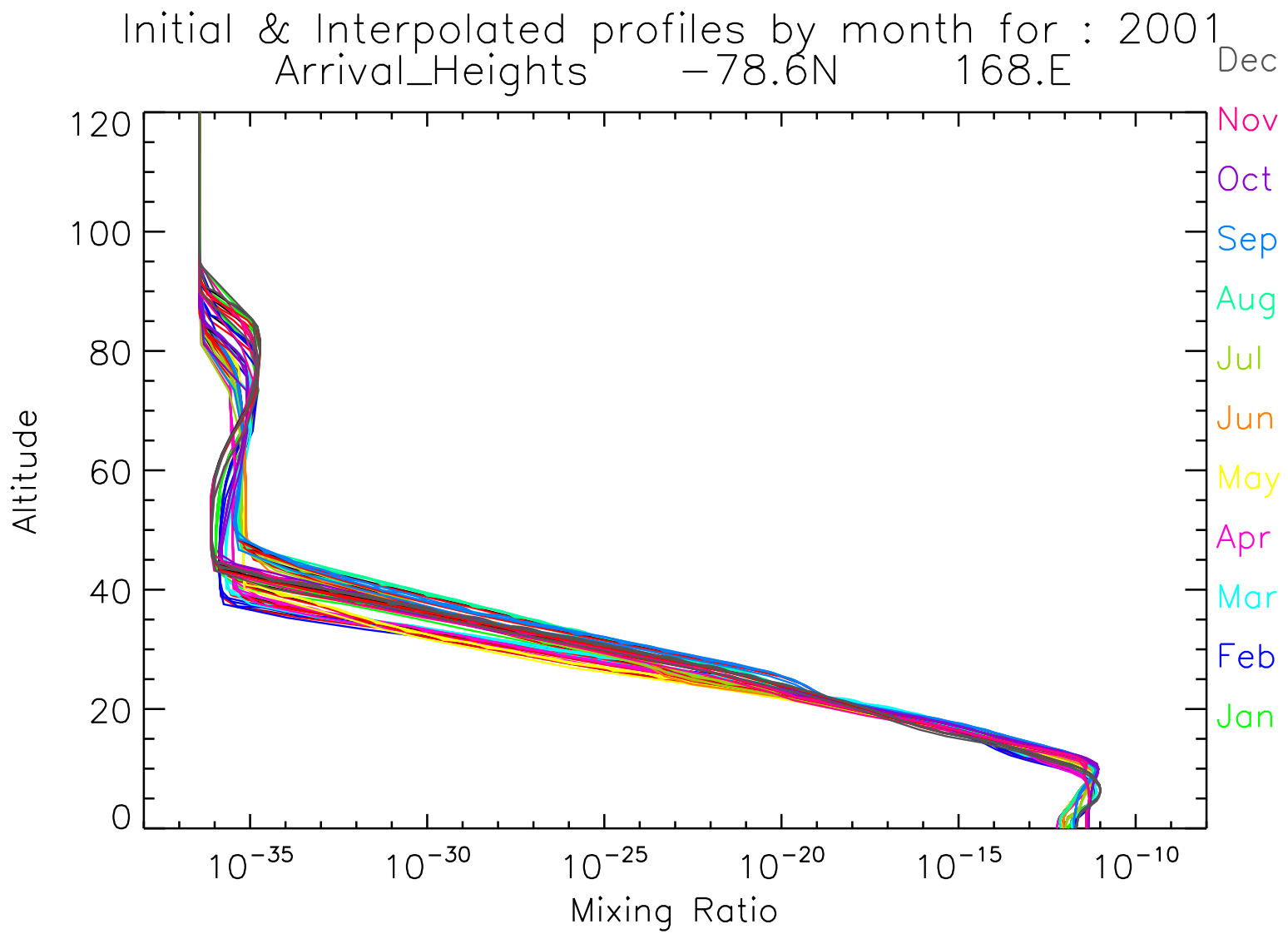
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2001
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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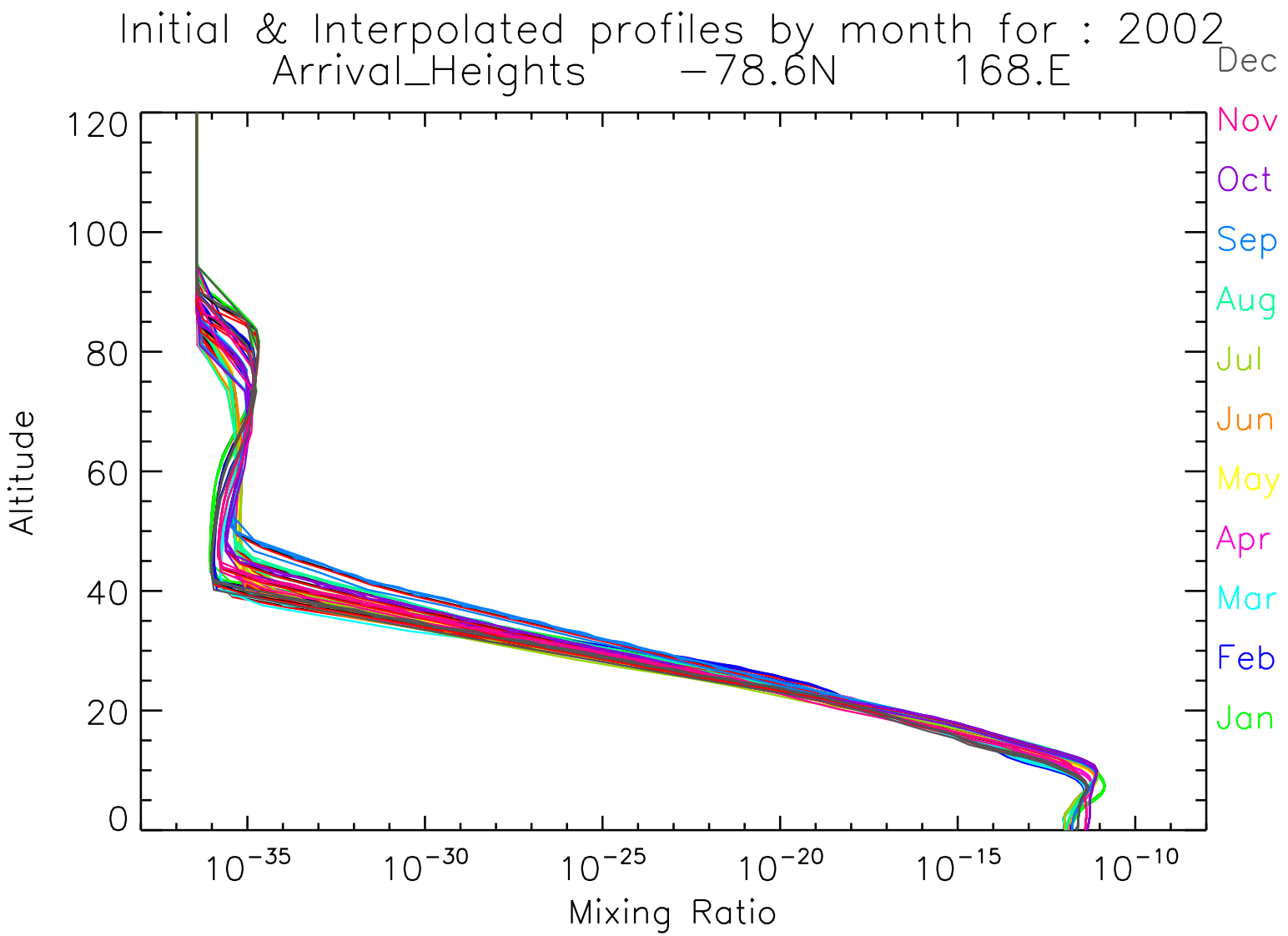
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2002
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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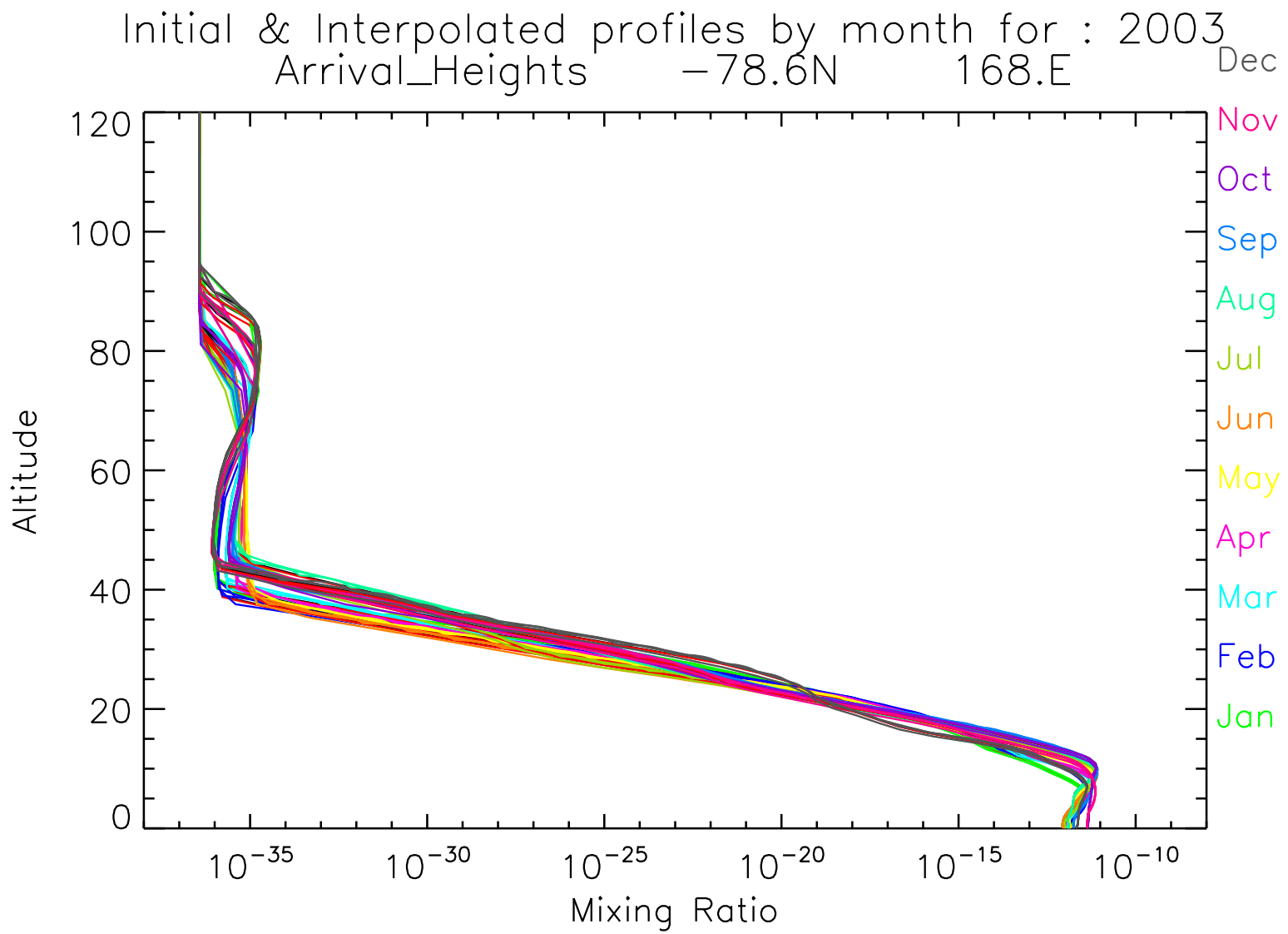
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2003
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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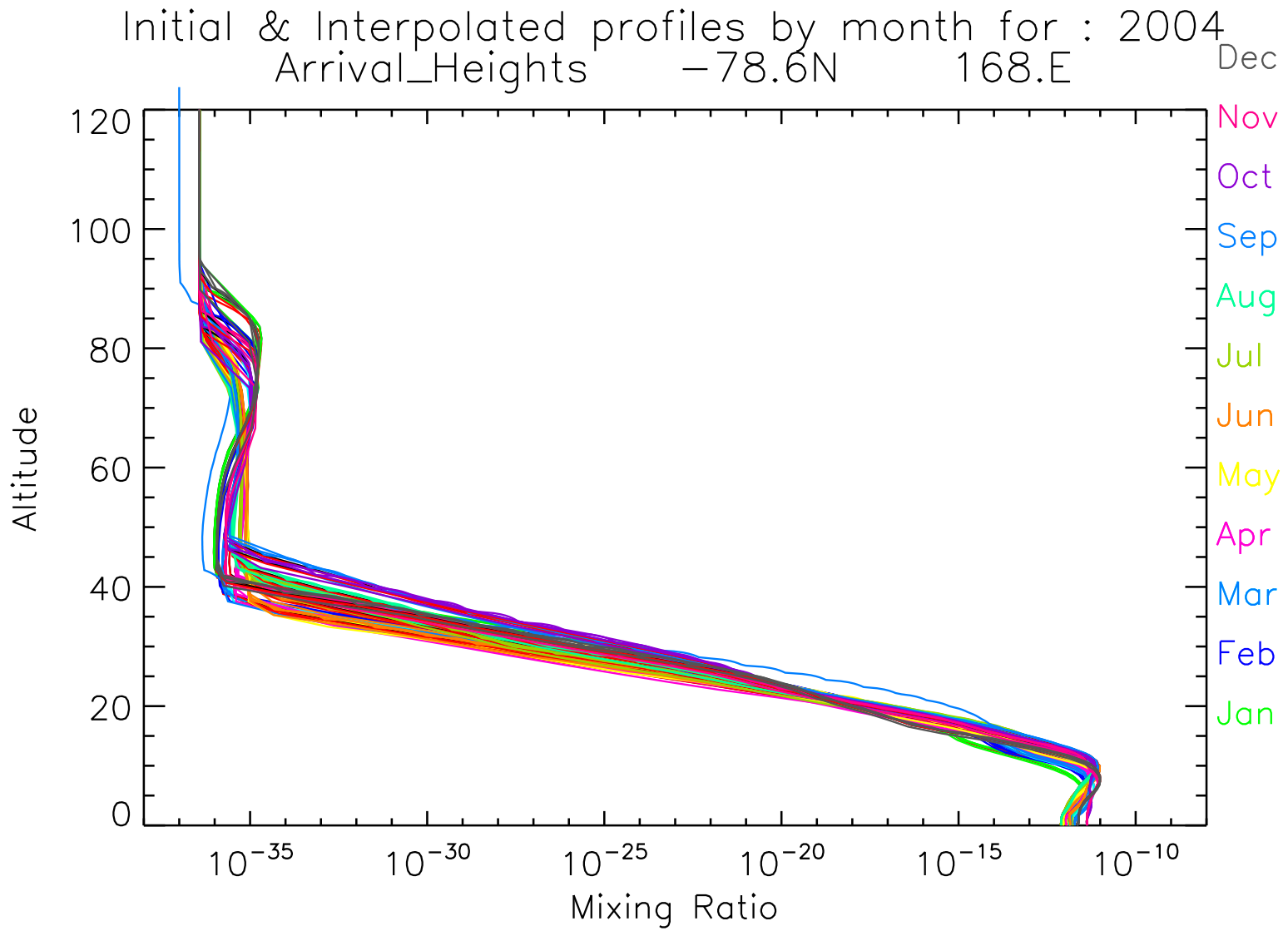
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2004
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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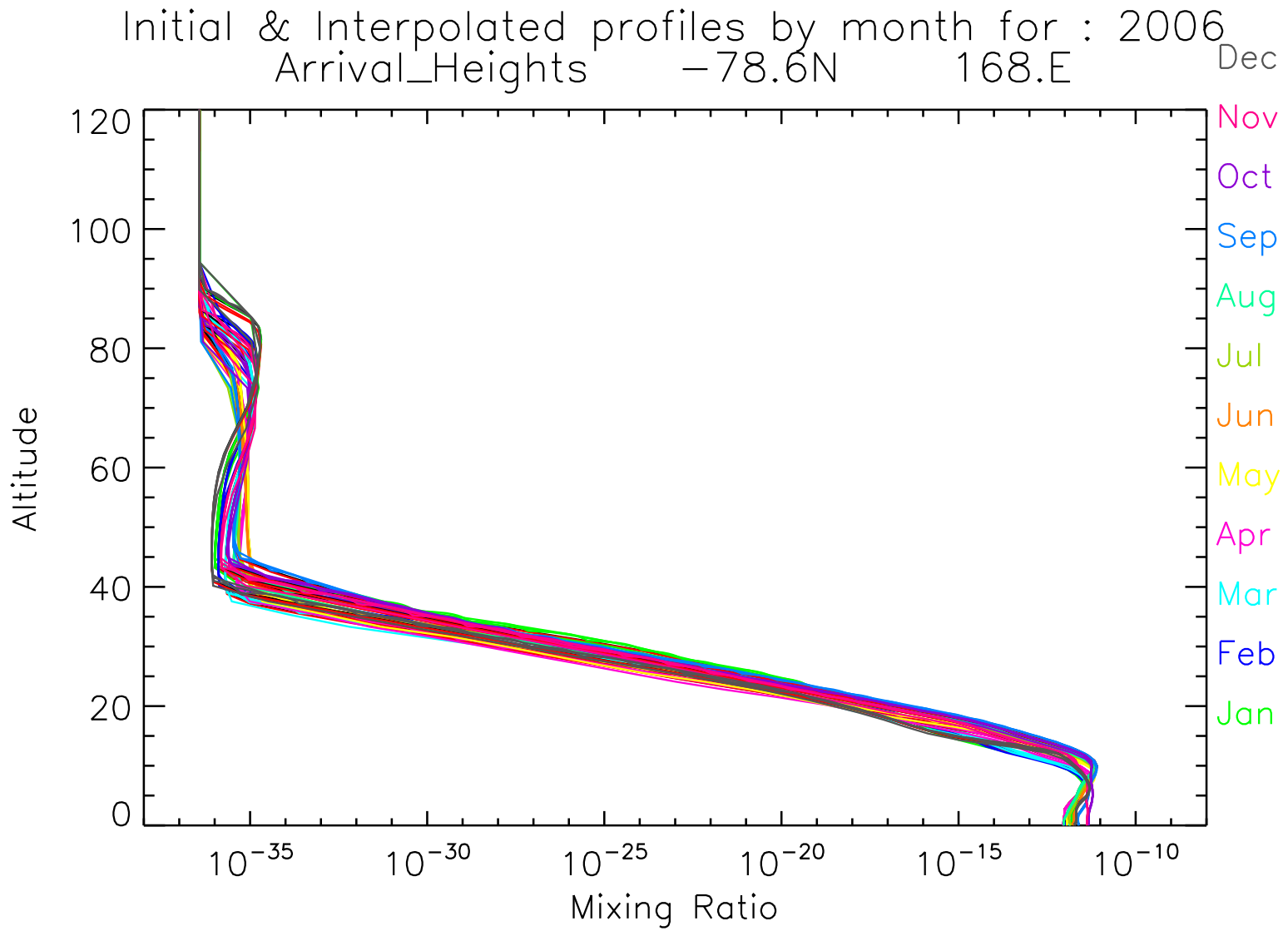
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2006
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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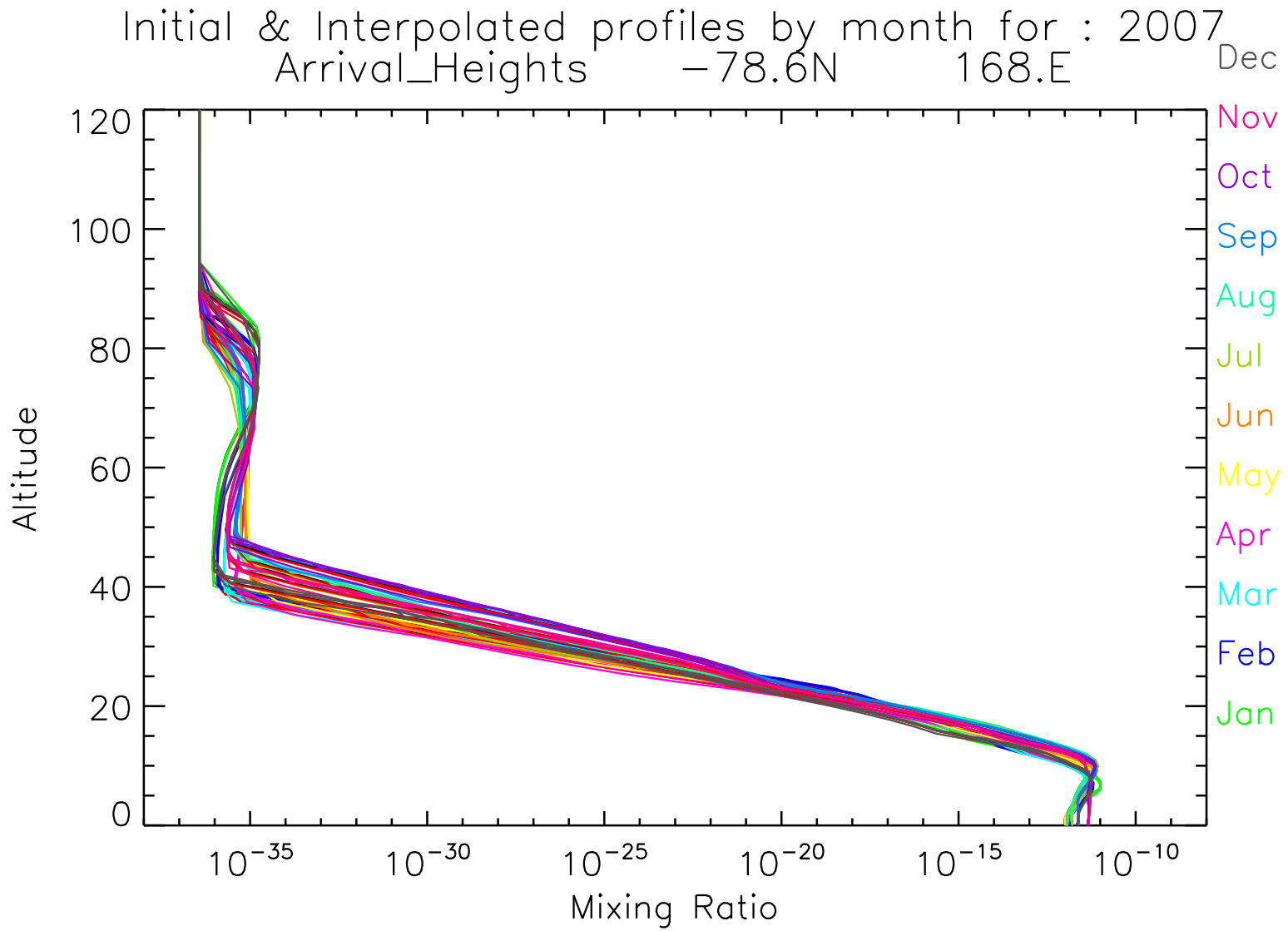
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2007
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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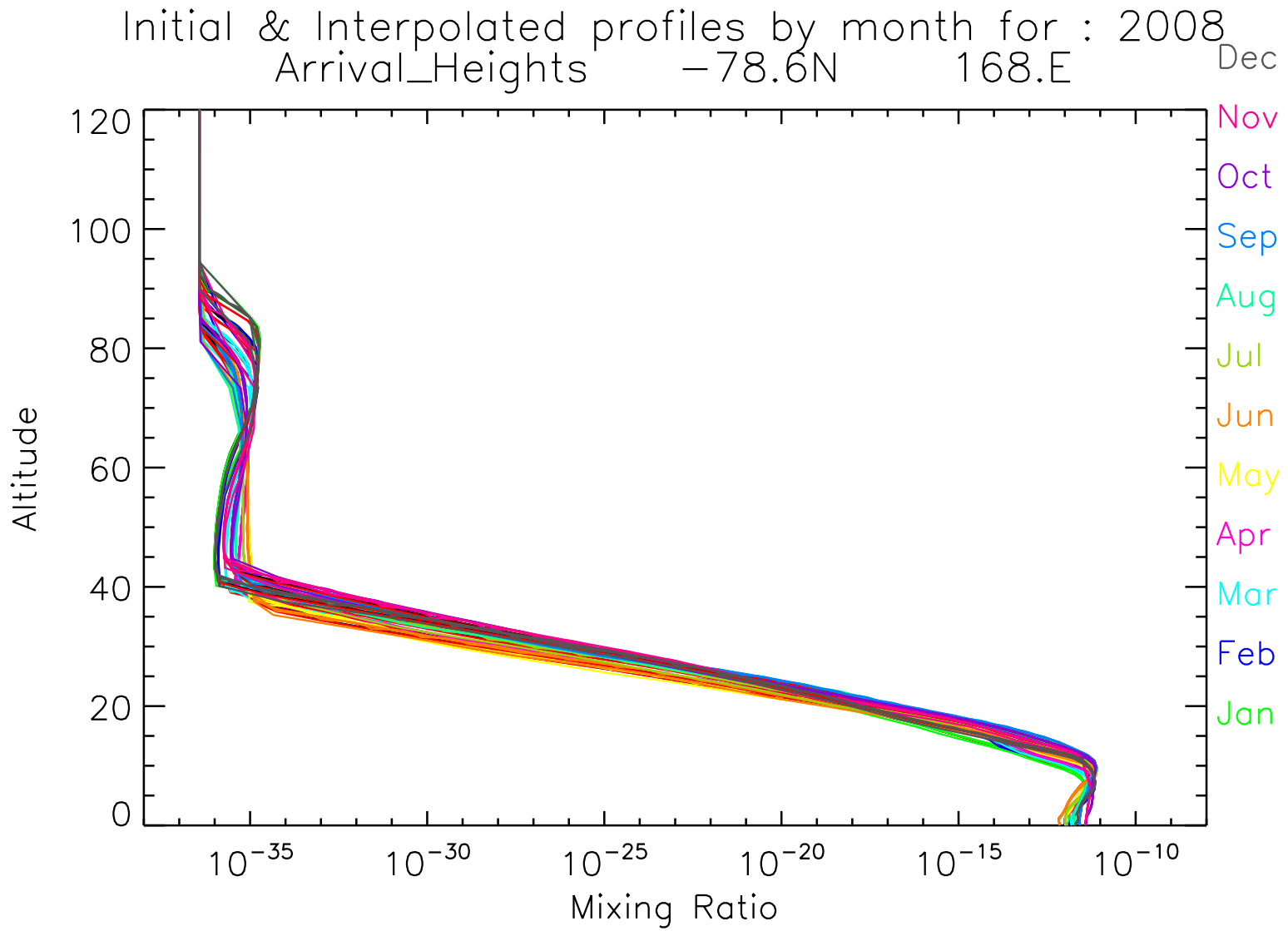
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2008
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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10^{-25}
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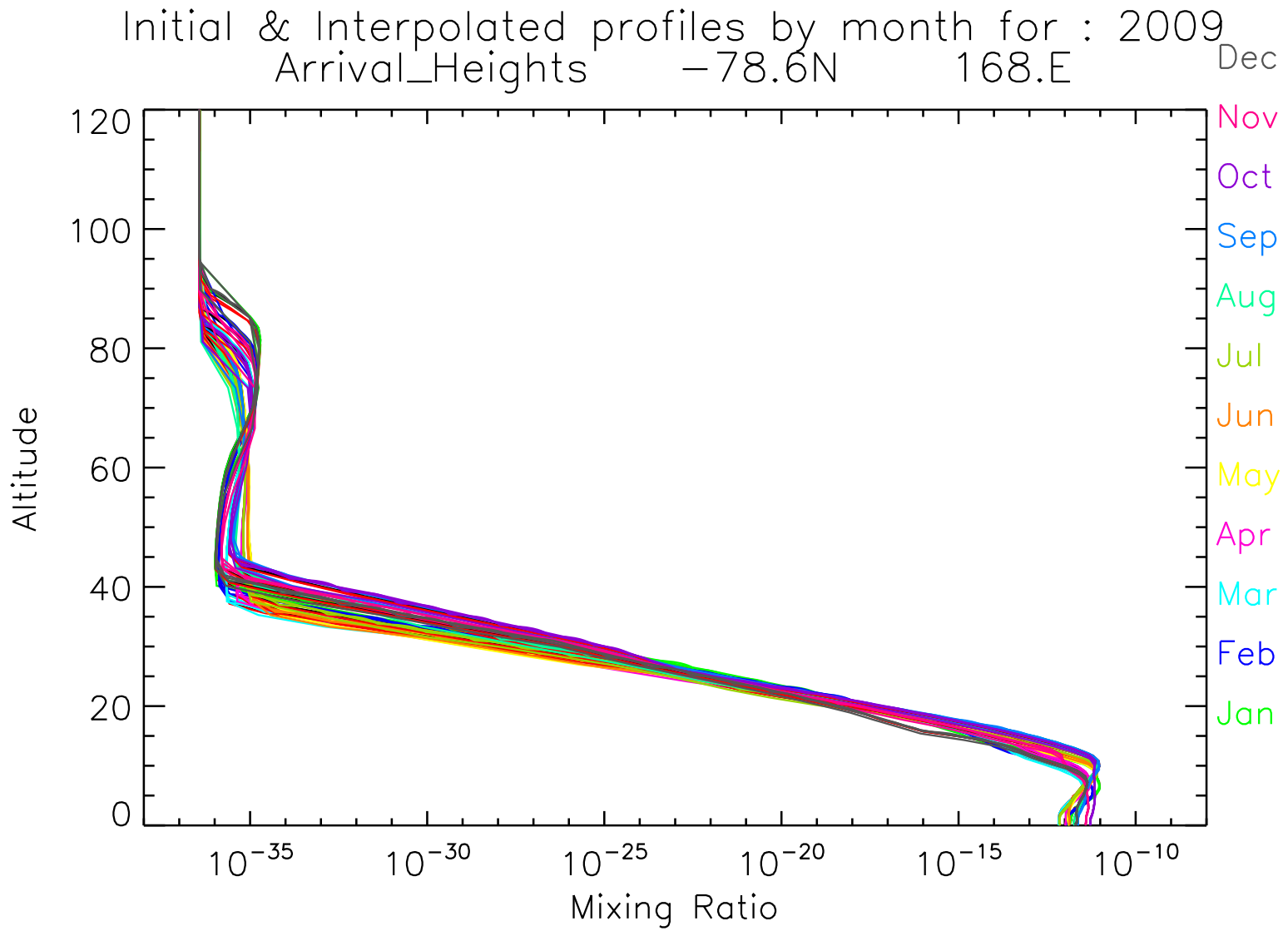
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2009
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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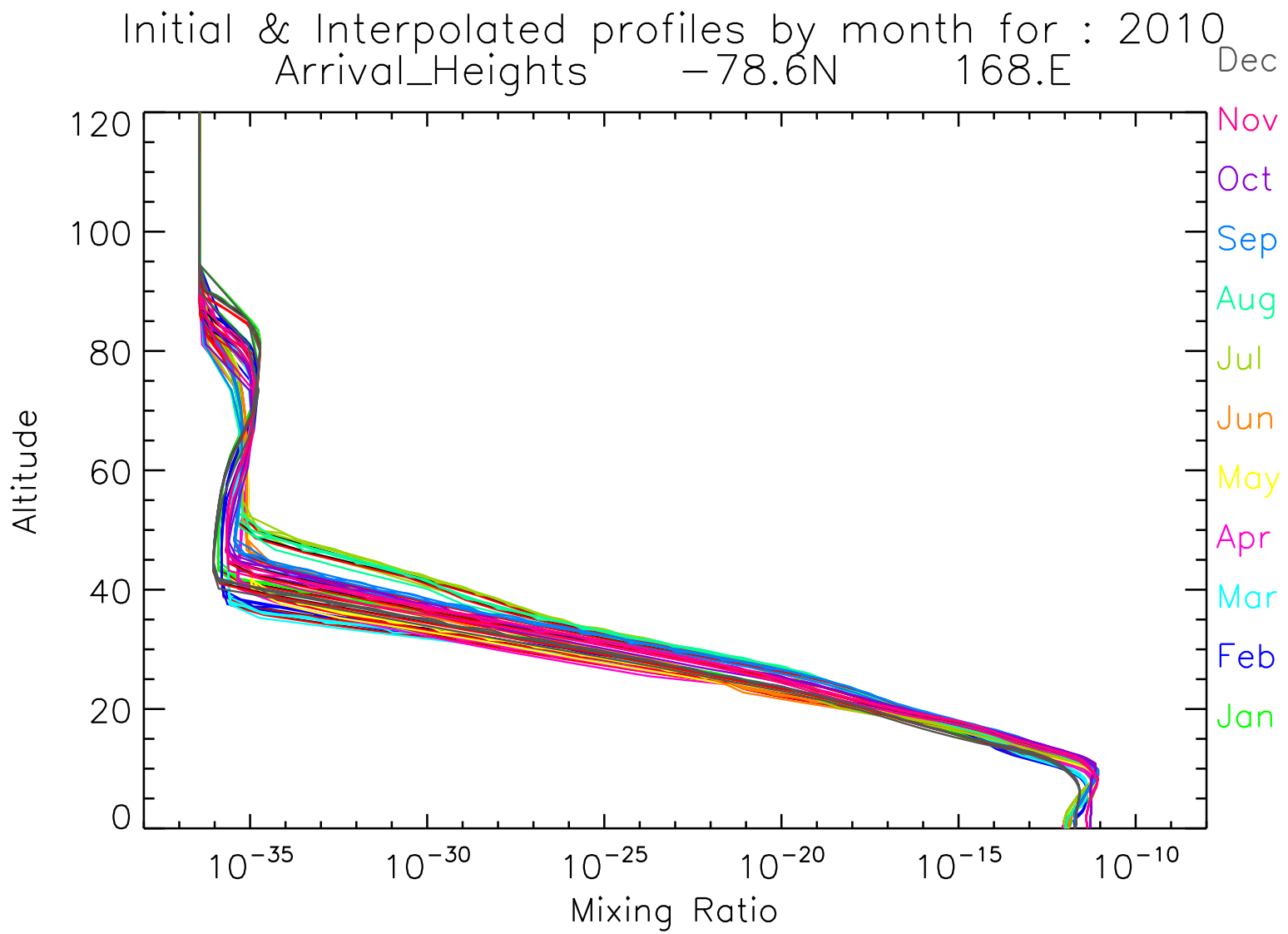
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2010
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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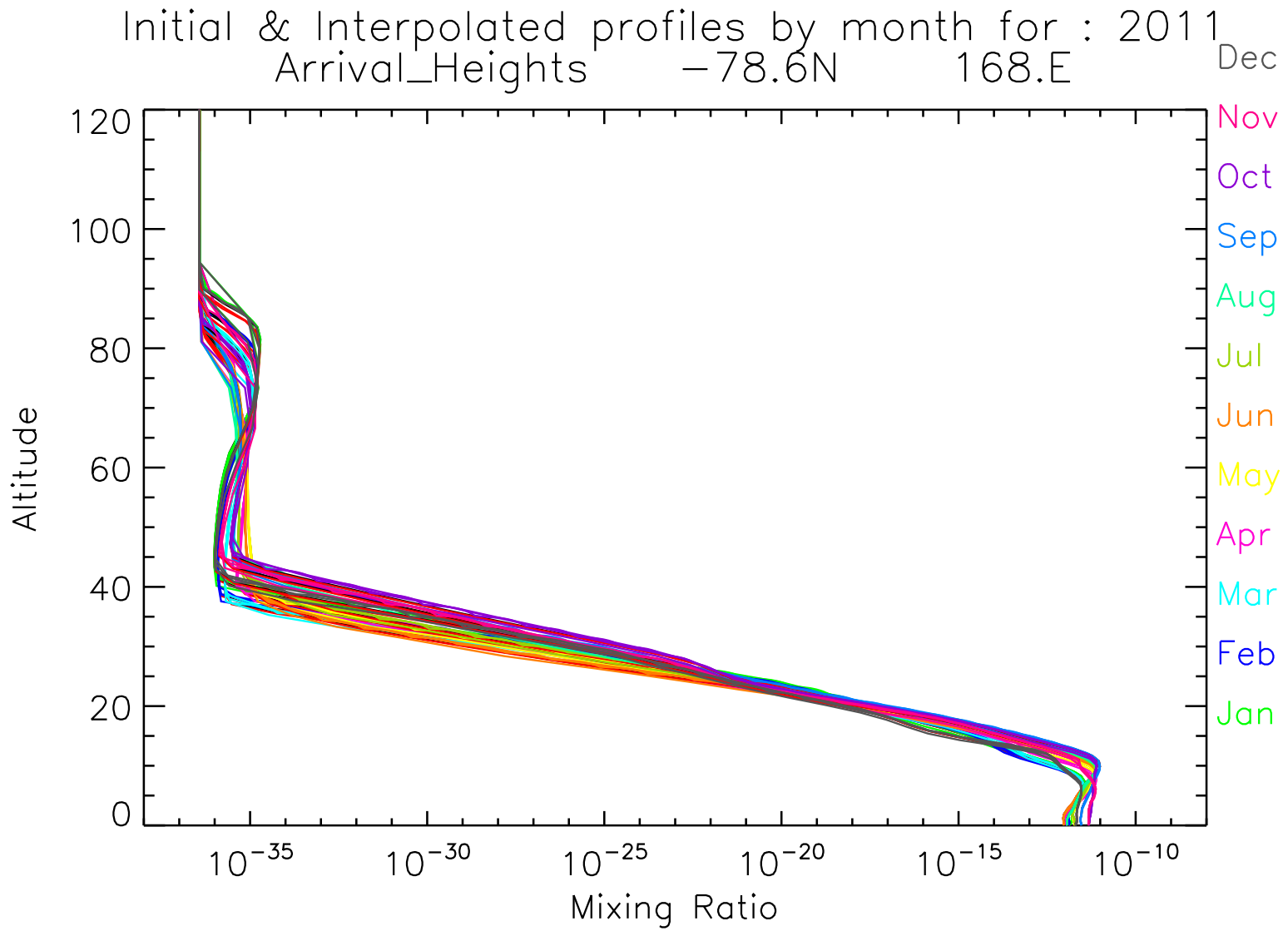
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2011
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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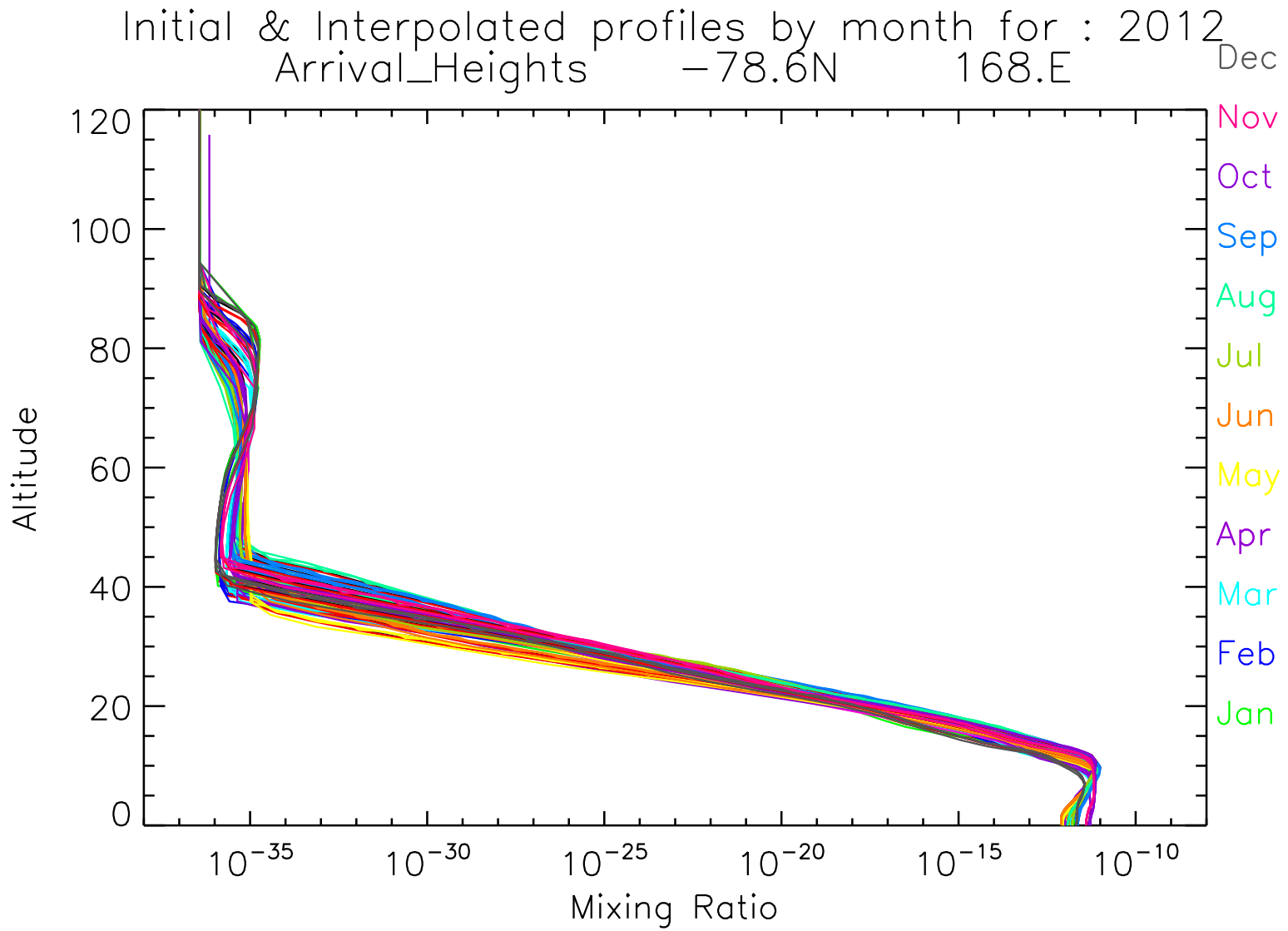
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2012
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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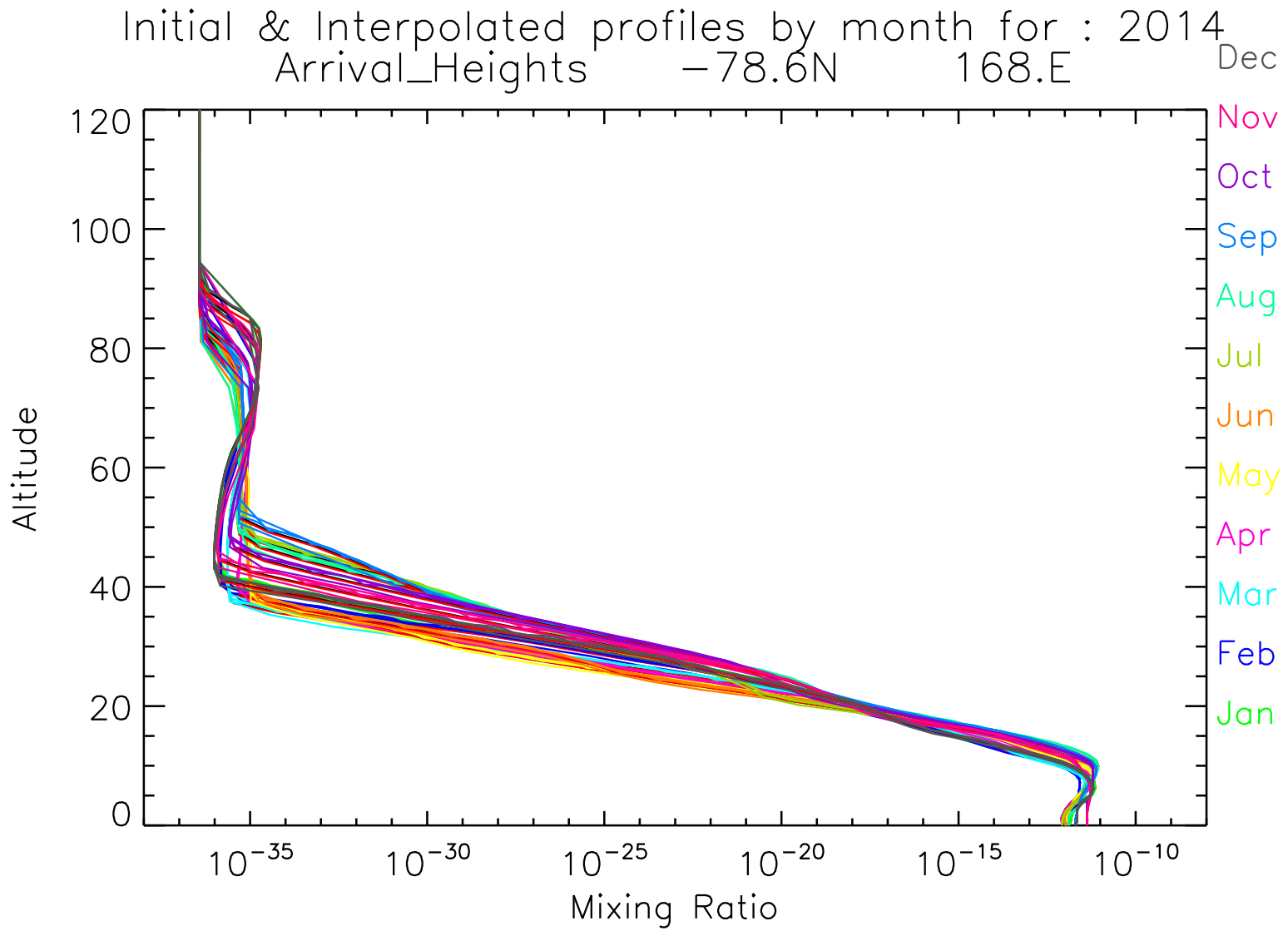
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2014
Arrival_Heights −78.6N 168.E
Dec
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Altitude
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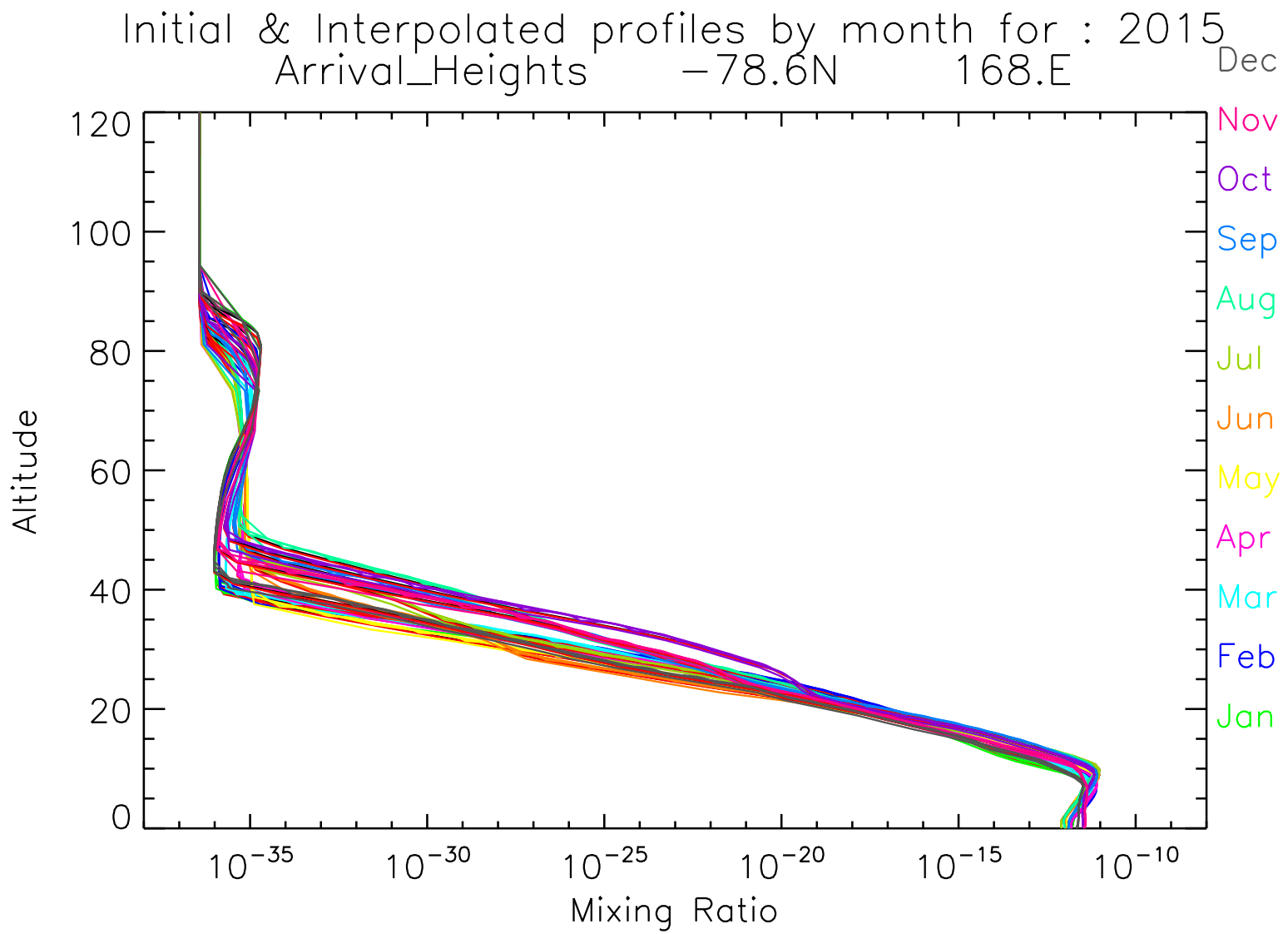
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2015
Arrival_Heights −78.6N 168.E
Dec
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Feb
Jan
Altitude
120
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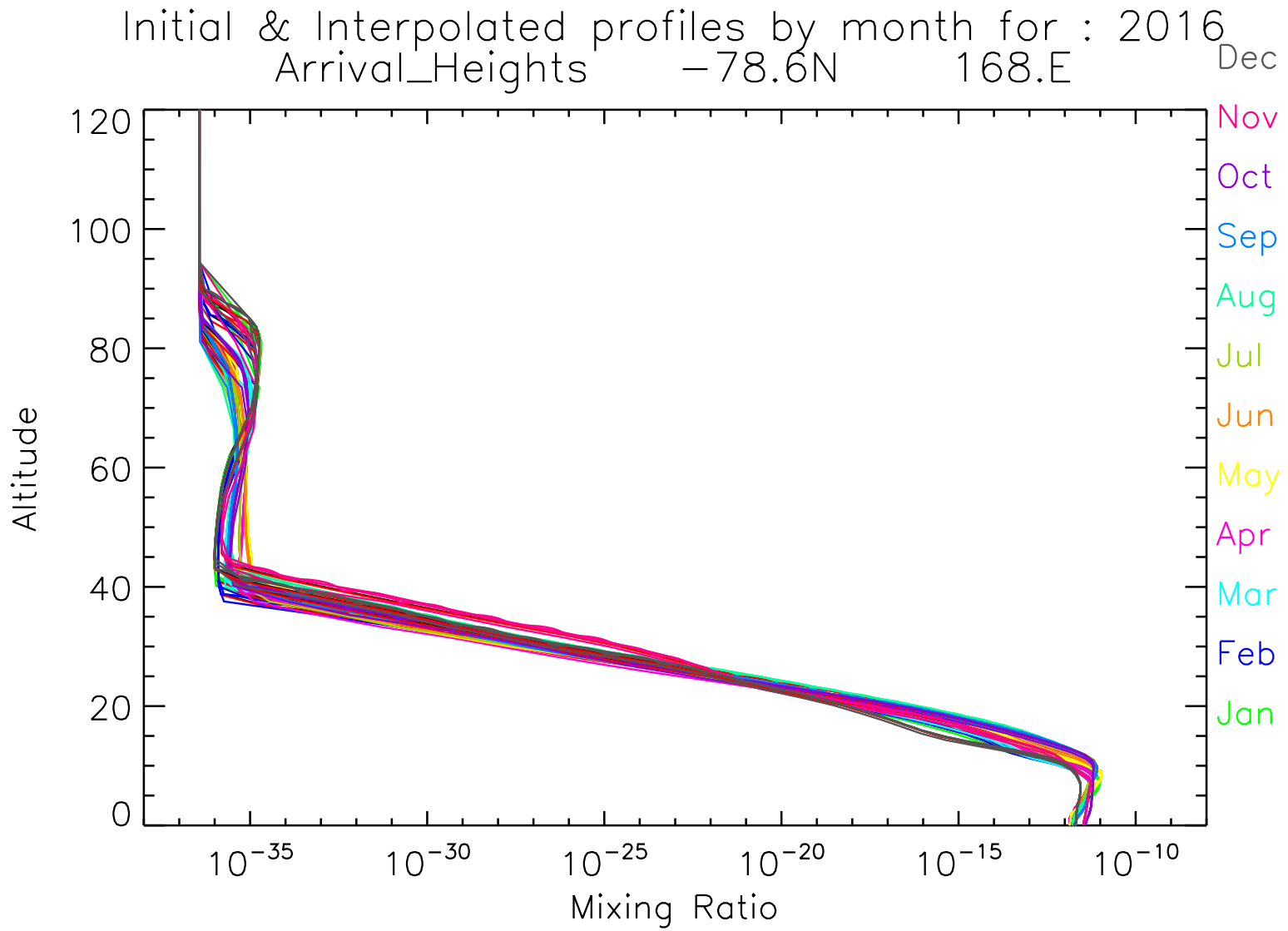
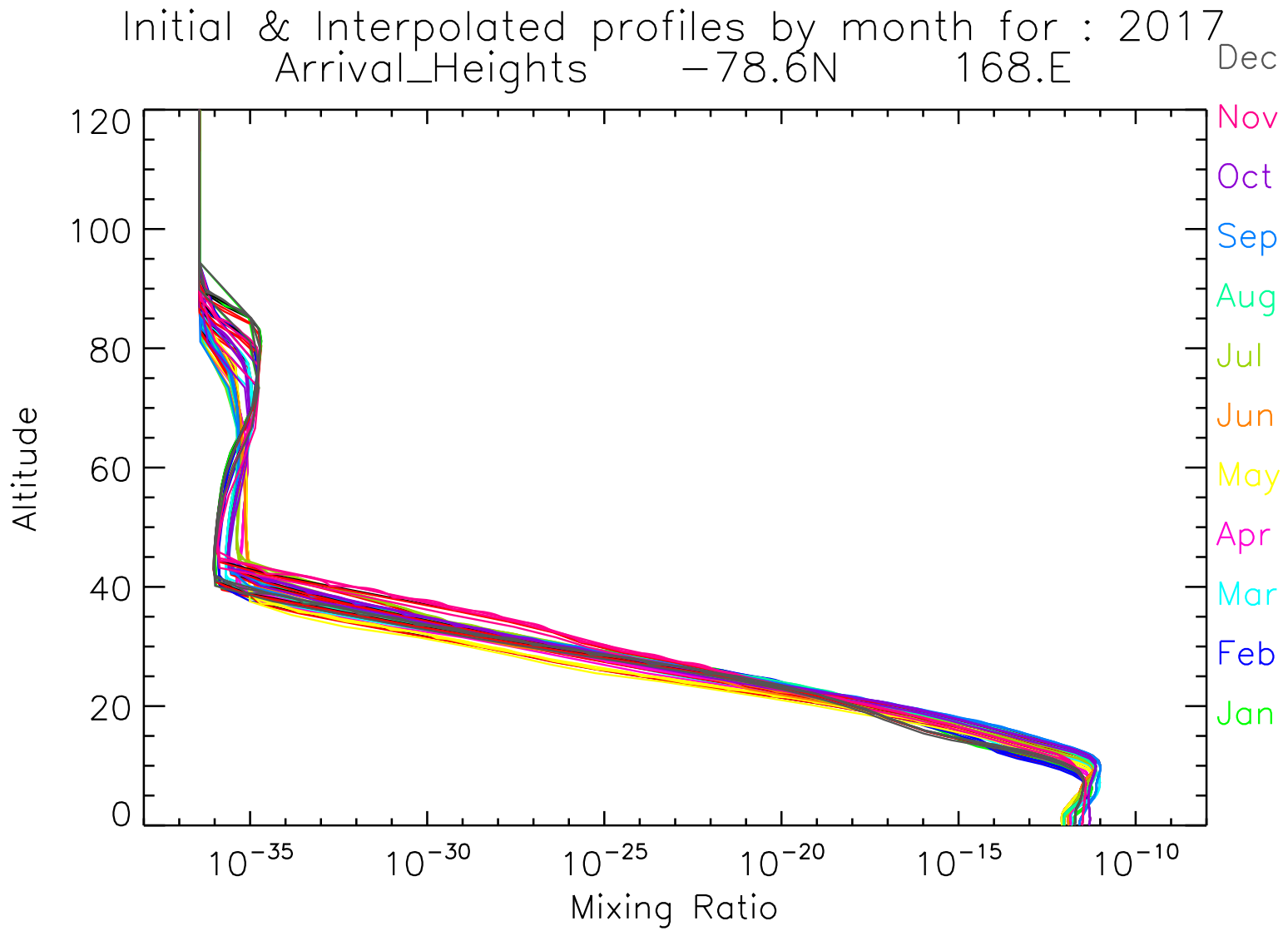
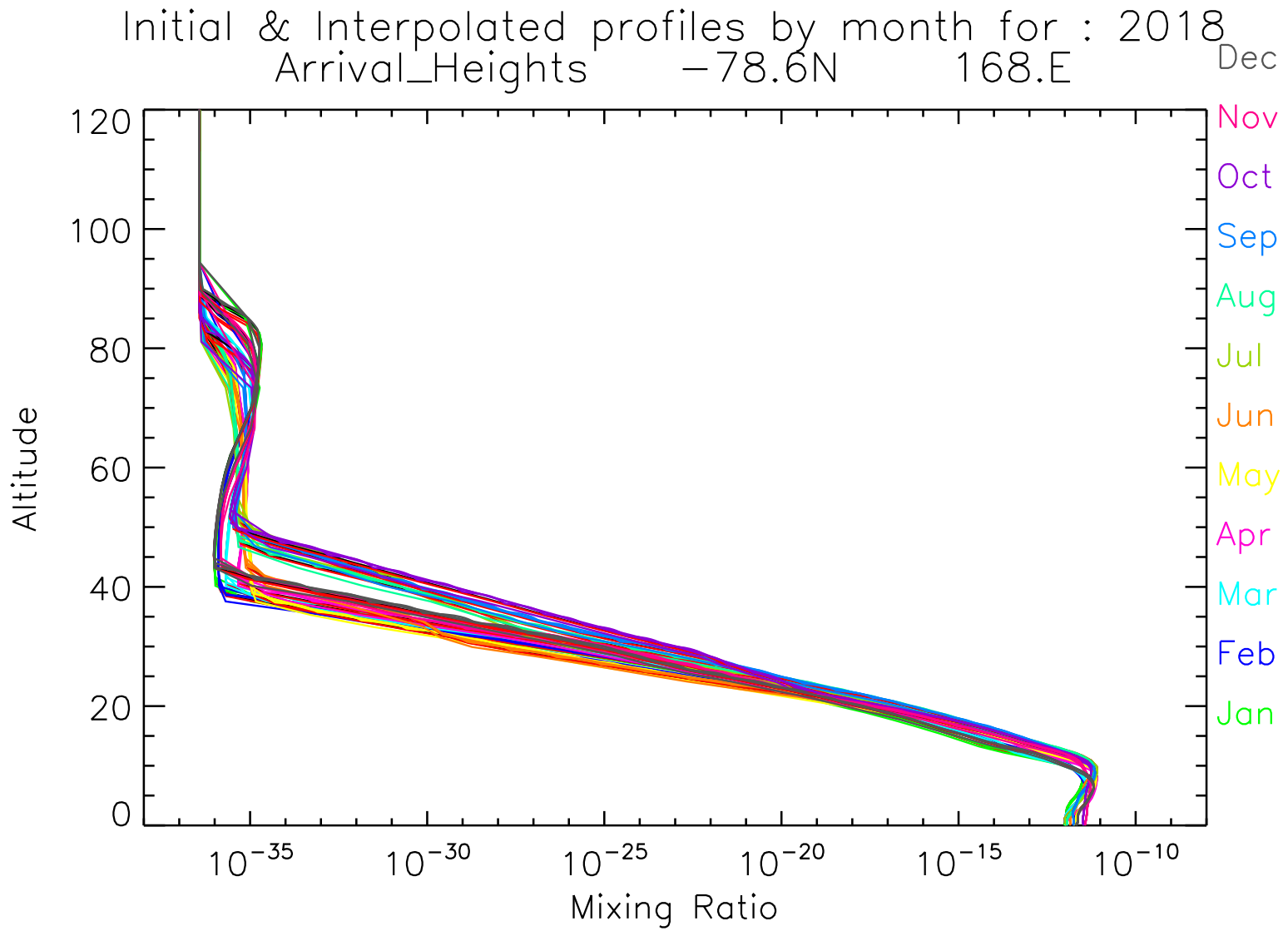
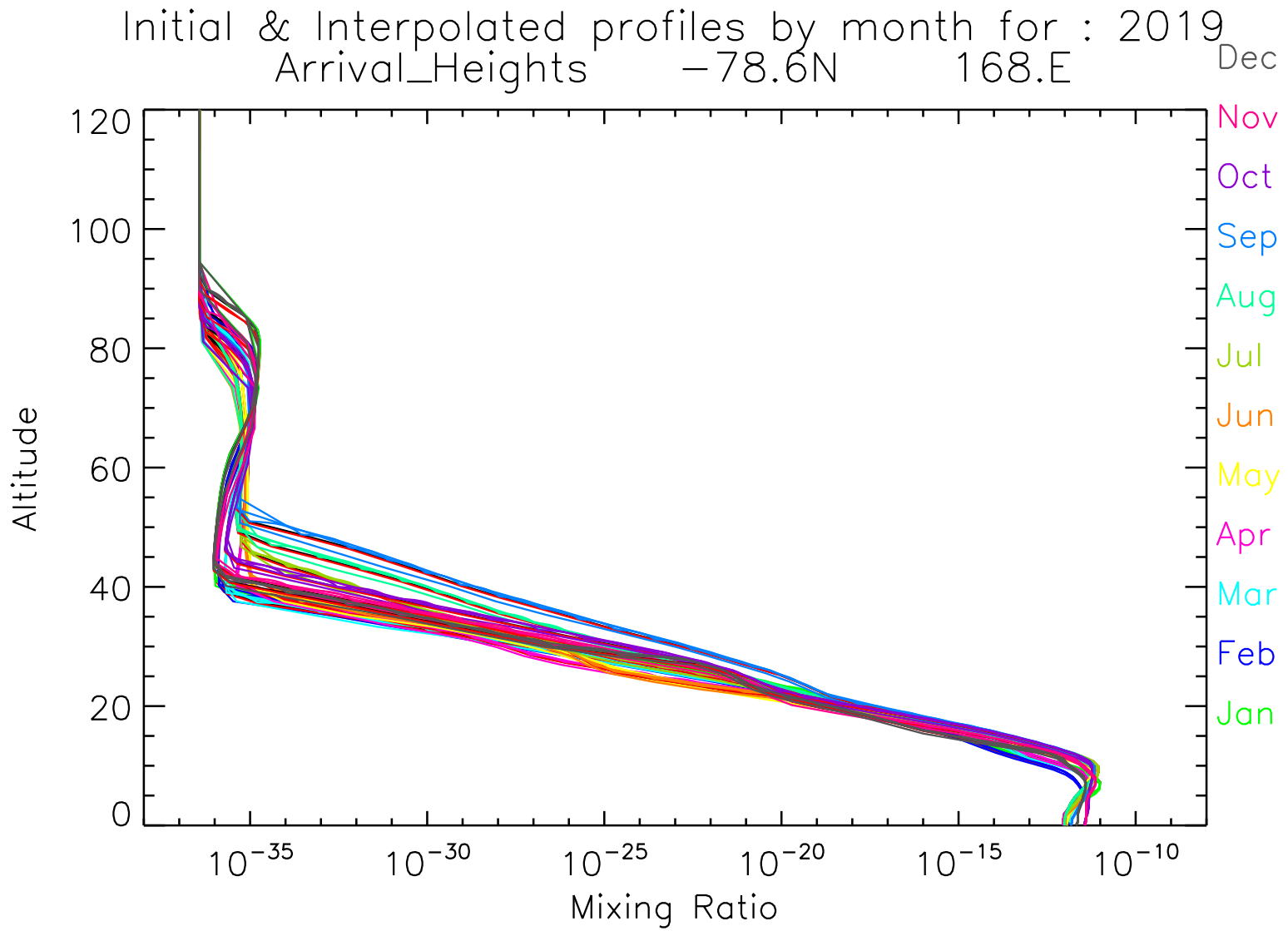
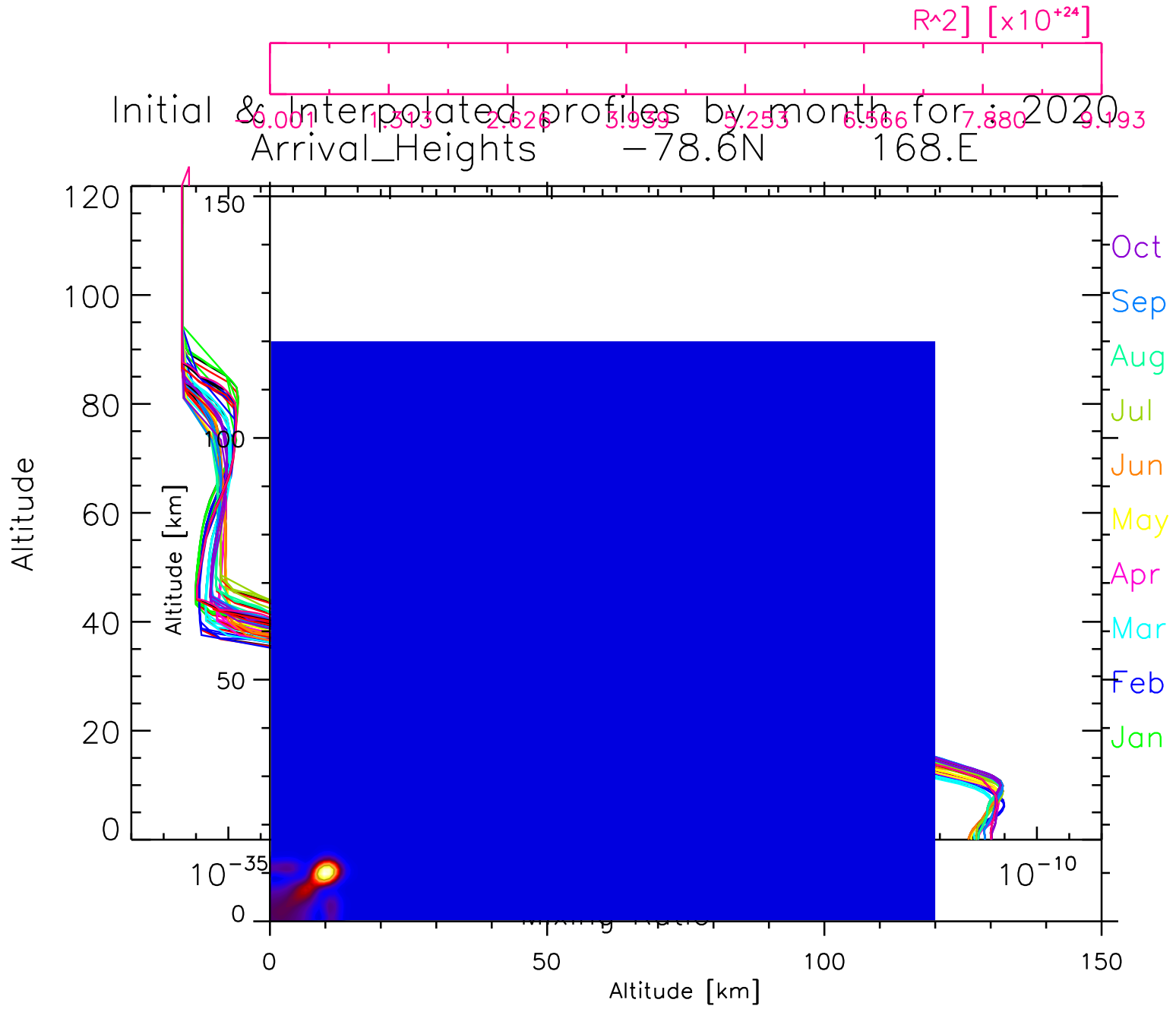
10^{-30}
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2016
Arrival_Heights −78.6N 168.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
Altitude
120
100
80
60
40
20
0
10^{-35}
10^{-30}
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio

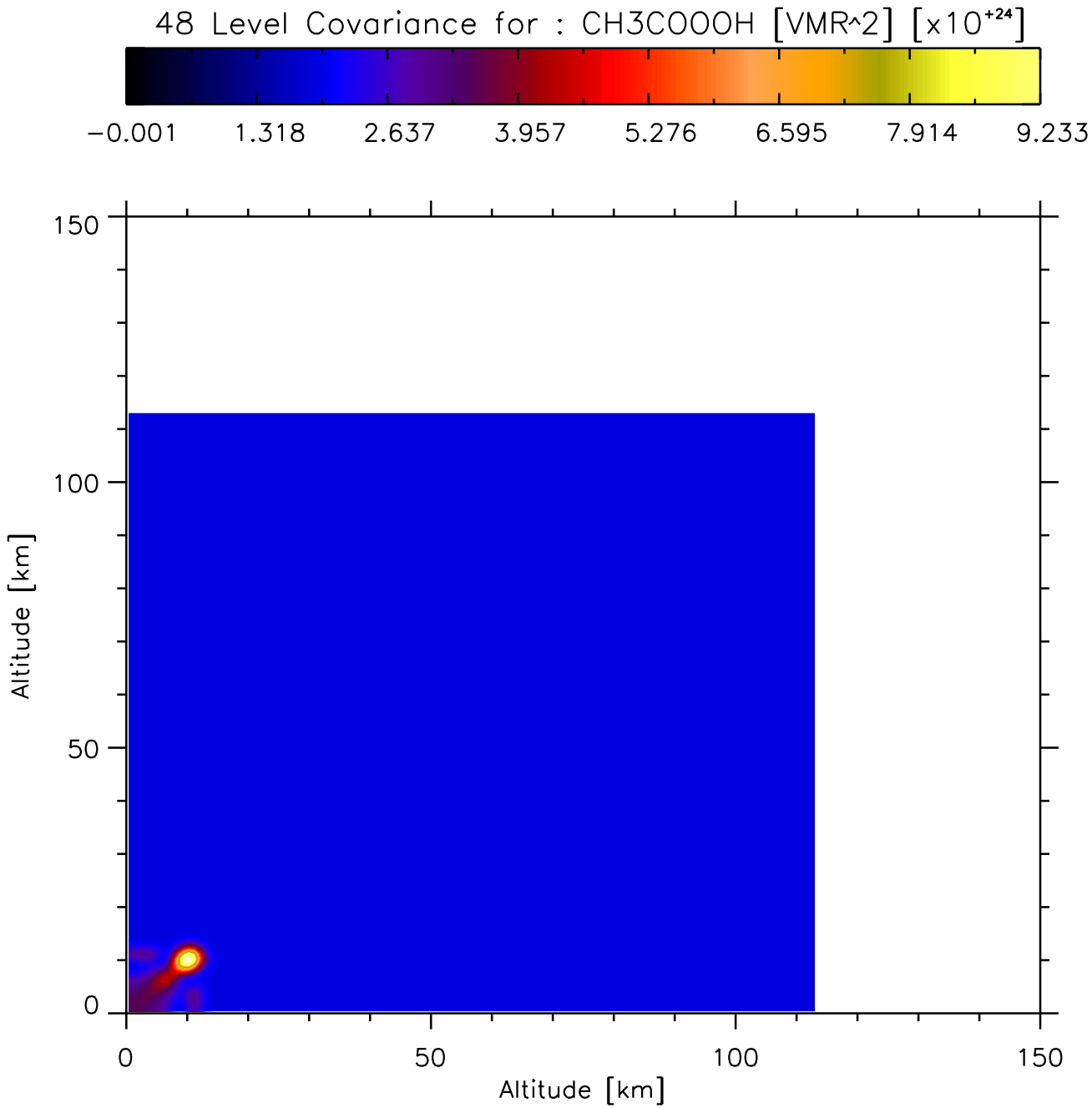

Initial & Interpolated profiles by month for : 2017
Arrival_Heights −78.6N 168.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
Altitude
120
100
80
60
40
20
0
10^{-35}
10^{-30}
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2018
Arrival_Heights −78.6N 168.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
Altitude
120
100
80
60
40
20
0
10^{-35}
10^{-30}
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2019
Arrival_Heights −78.6N 168.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
Altitude
120
100
80
60
40
20
0
10^{-35}
10^{-30}
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio


R^2] [x10^+24]
-0.001
1.313
2.628
3.939
5.253
6.566
7.880
9.193
Initial & Interpolated profiles by month for : 2020
Arrival_Heights −78.6N 168.E
Altitude
120
100
80
60
40
20
0
150
100
50
0
Altitude [km]
10^{-35}
10^{-10}
0
50
100
150
Altitude [km]
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

49 Layer Covariance for : CH3COOOH [VMR^2] [x10^+24]
-150
0
2
4
6
8
10
Y Altitude
100
50
0
0
50
X Altitude
100
150


48 Level Covariance for : CH3COOOH [VMR^2] [x10^+24]
−0.001
1.318
2.637
3.957
5.276
6.595
7.914
9.233
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]

48 Level Covariance for : CH3COOOH [VMR^2] [x10^+24]
-150
0
2
4
6
8
10
Y Altitude
100
50
0
0
50
X Altitude
100
150