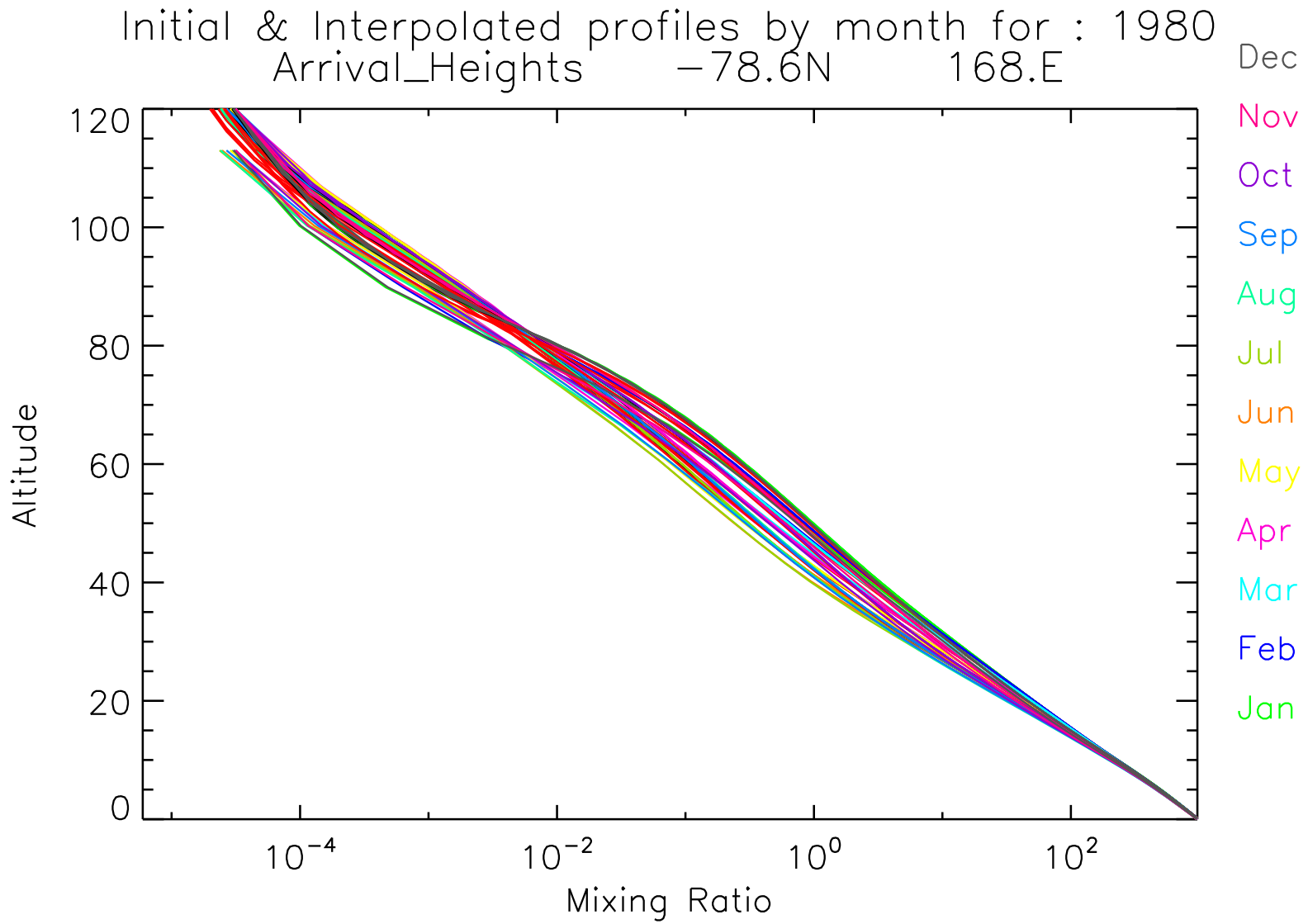
Initial & Interpolated profiles by month for : 1980
Arrival_Heights −78.6N 168.E
Altitude
120
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Mixing Ratio
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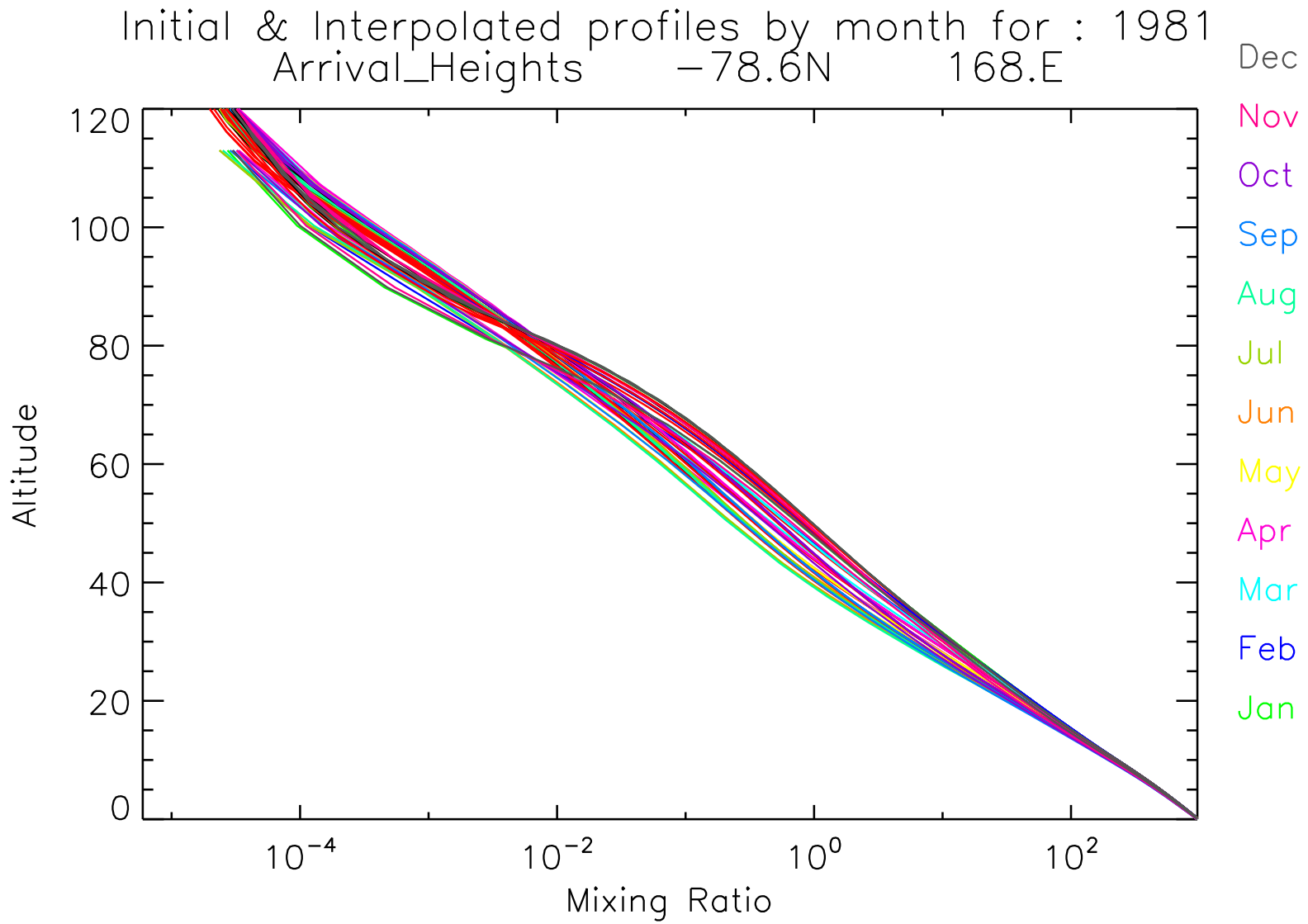
Initial & Interpolated profiles by month for : 1981
Arrival_Heights −78.6N 168.E
Altitude
120
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Mixing Ratio
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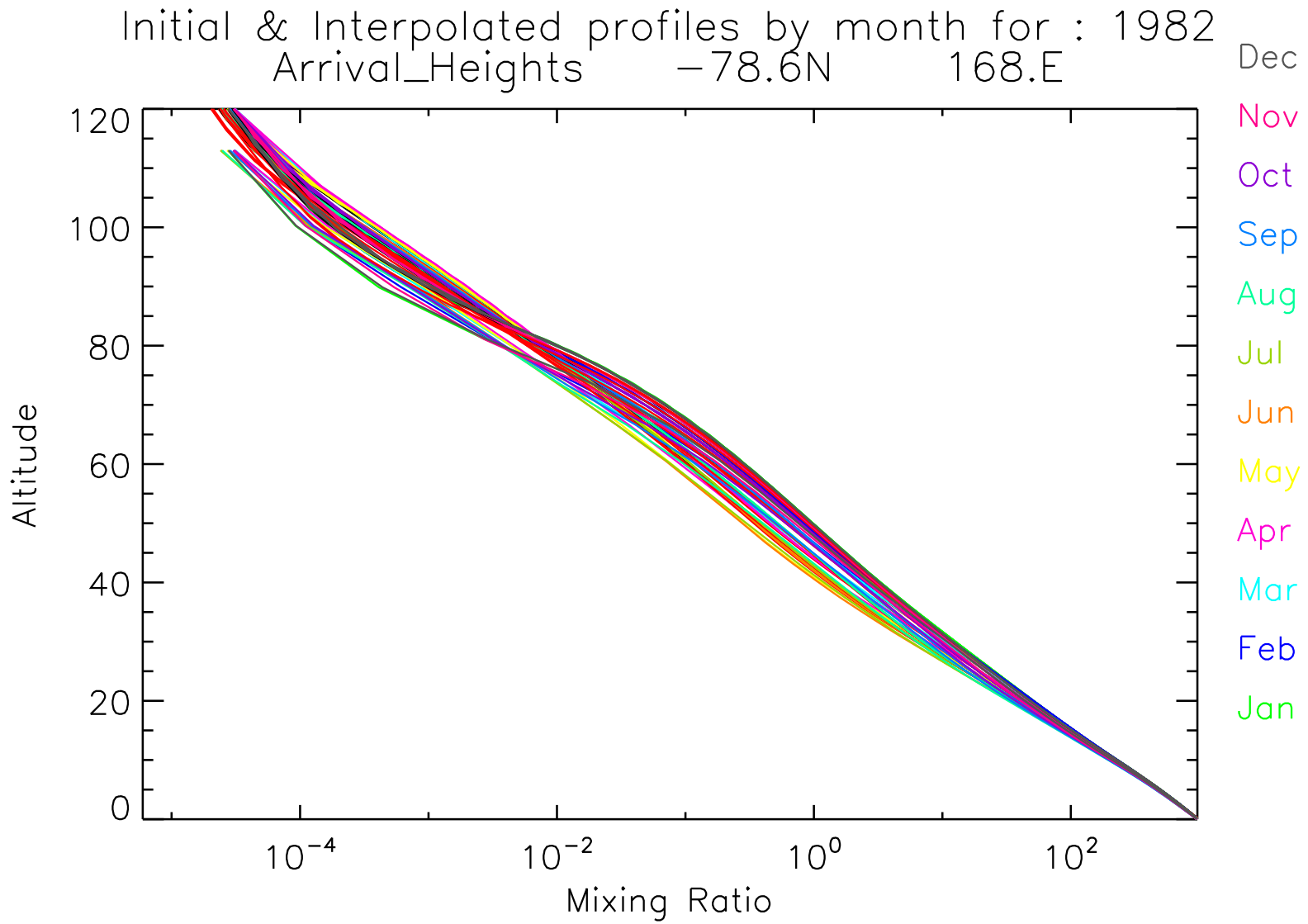
Initial & Interpolated profiles by month for : 1982
Arrival_Heights −78.6N 168.E
Altitude
120
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Mixing Ratio
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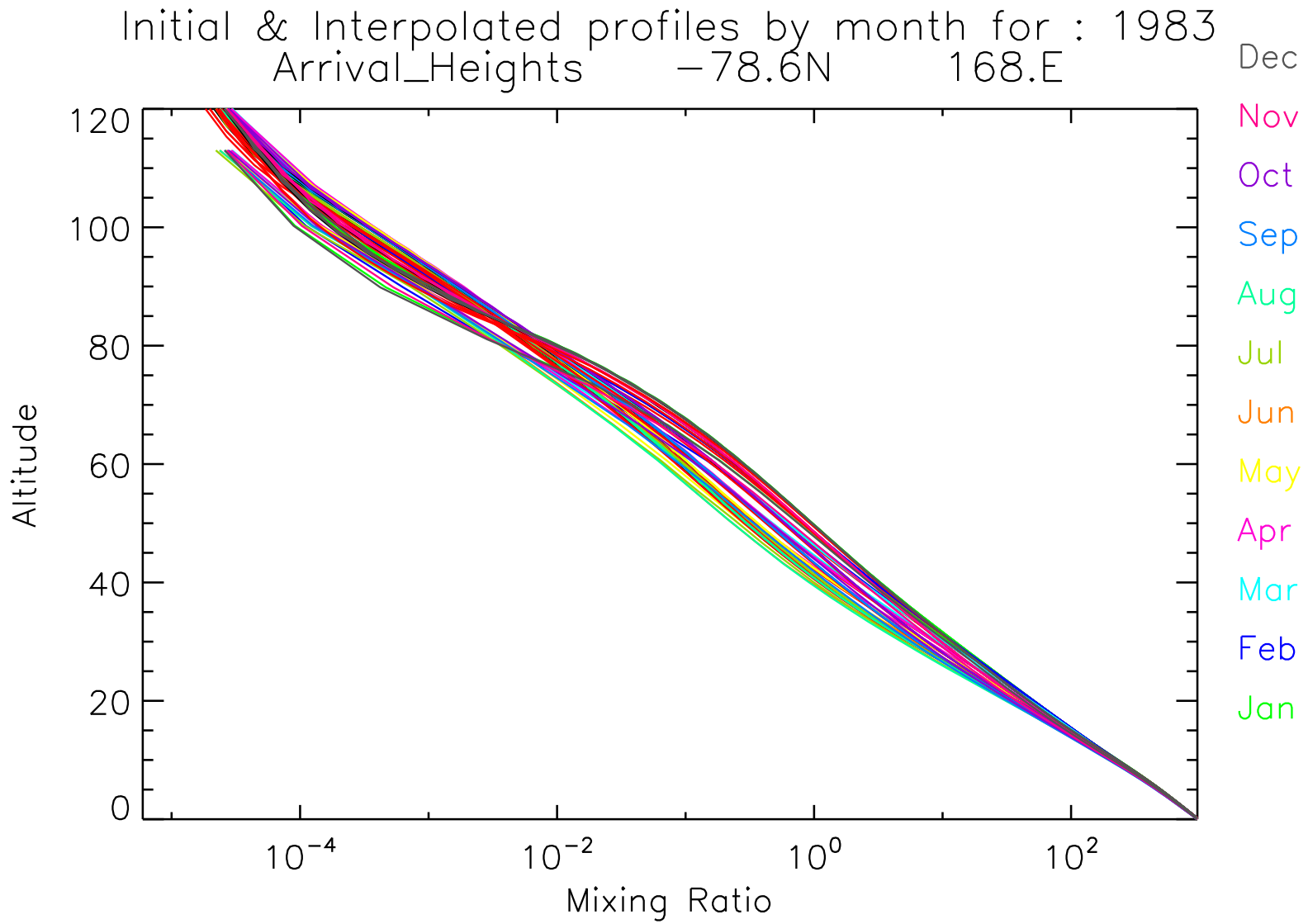
Initial & Interpolated profiles by month for : 1983
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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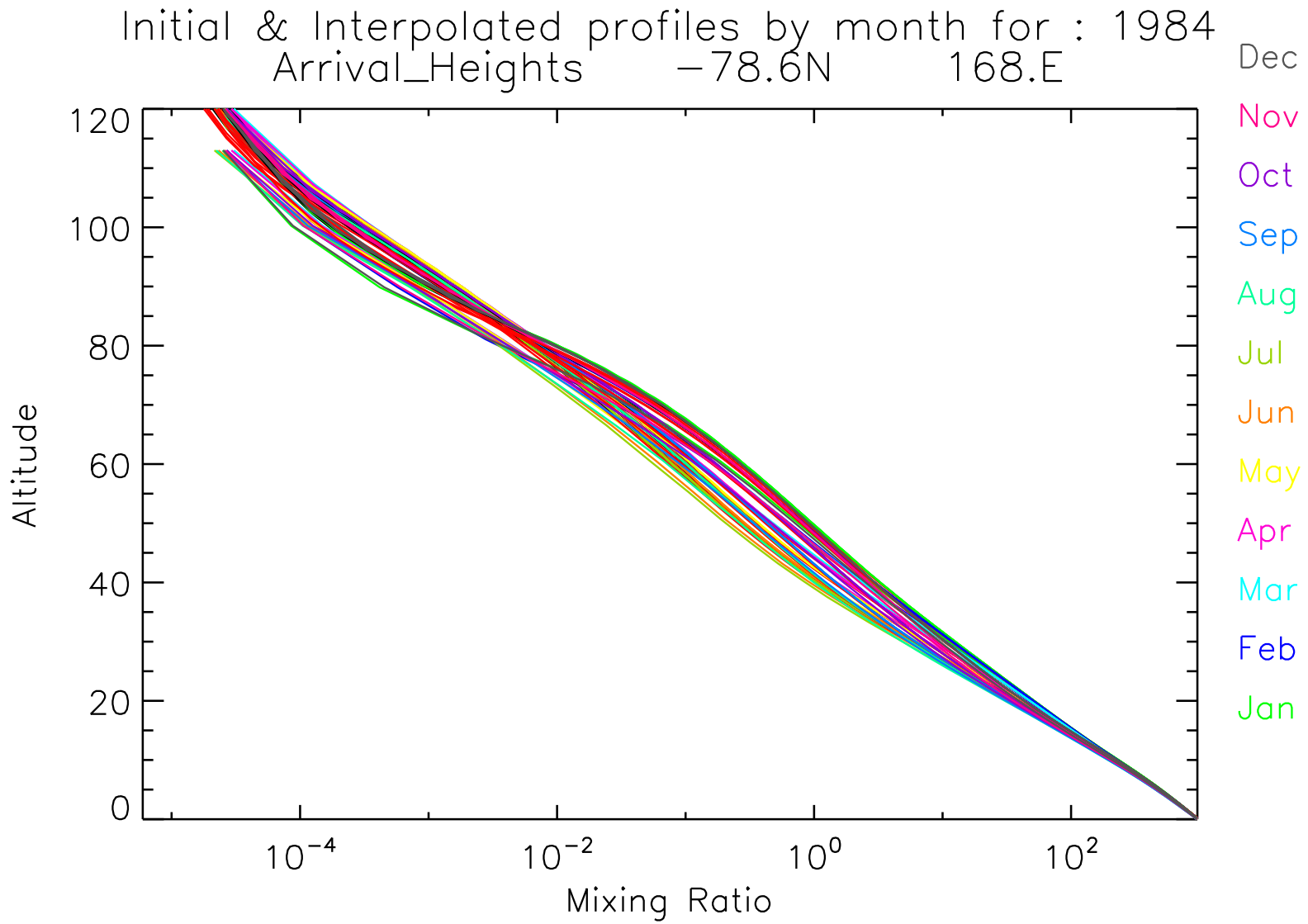
Initial & Interpolated profiles by month for : 1984
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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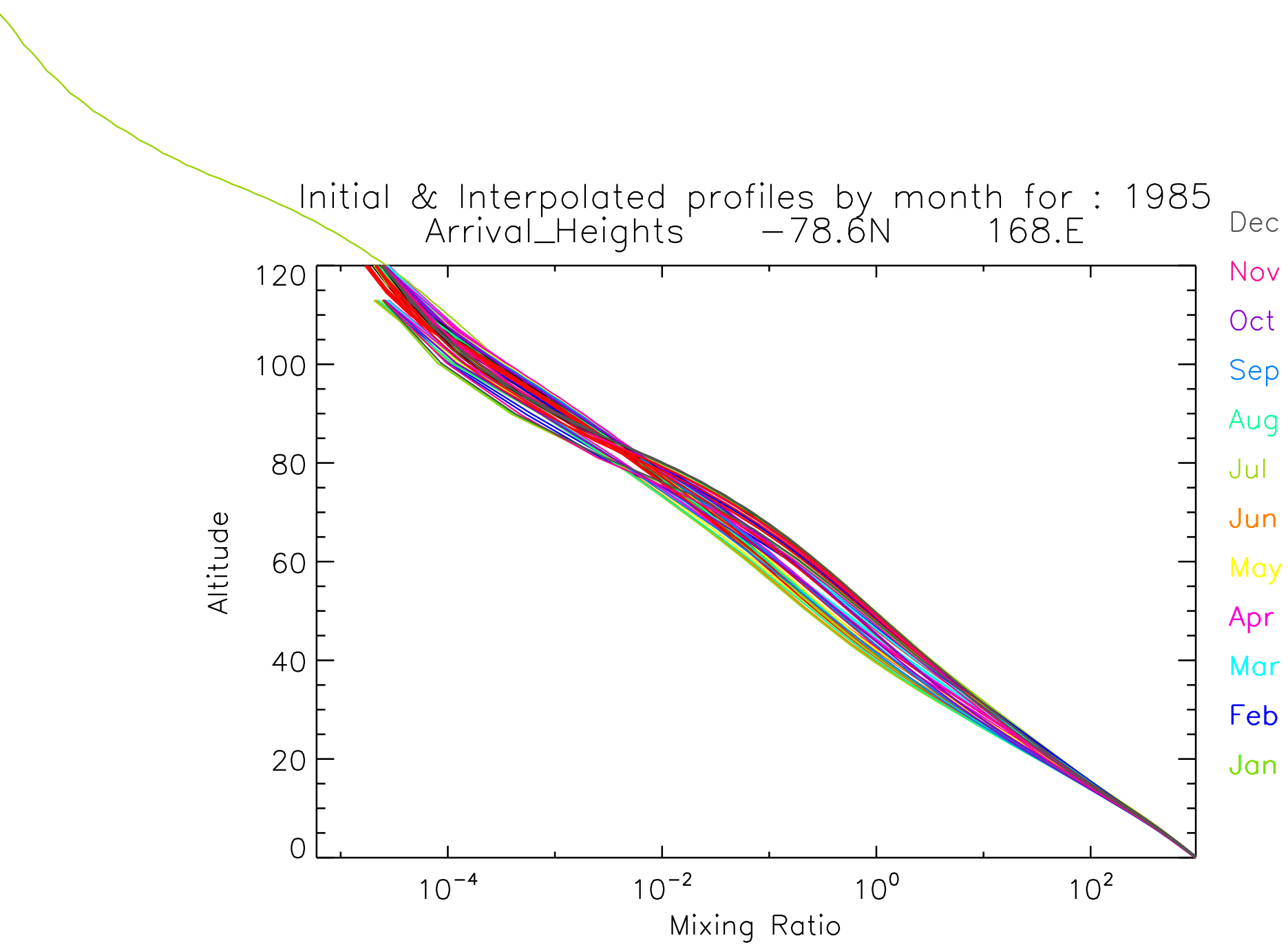
Initial & Interpolated profiles by month for : 1985
Arrival_Heights −78.6N 168.E
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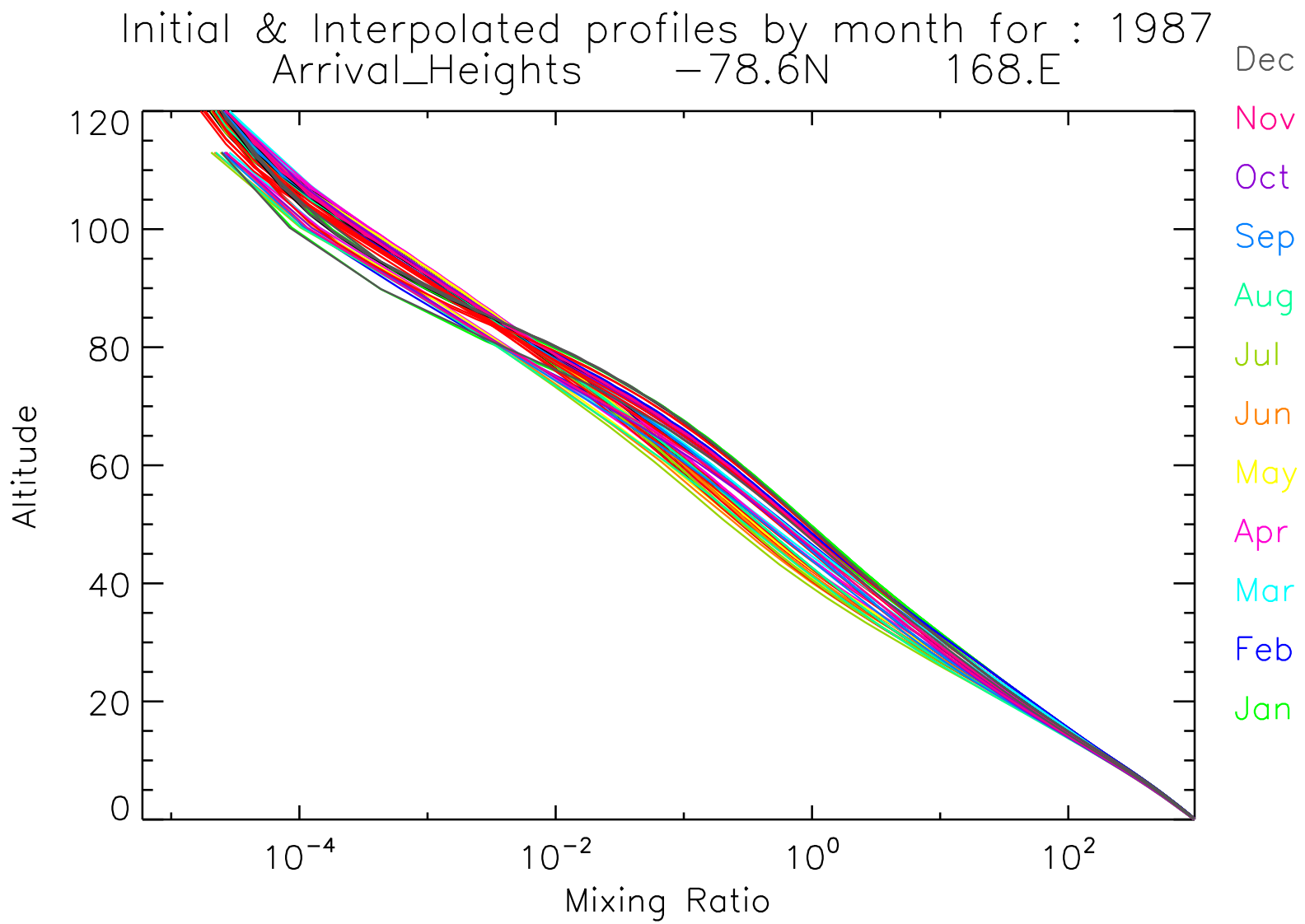
Mixing Ratio


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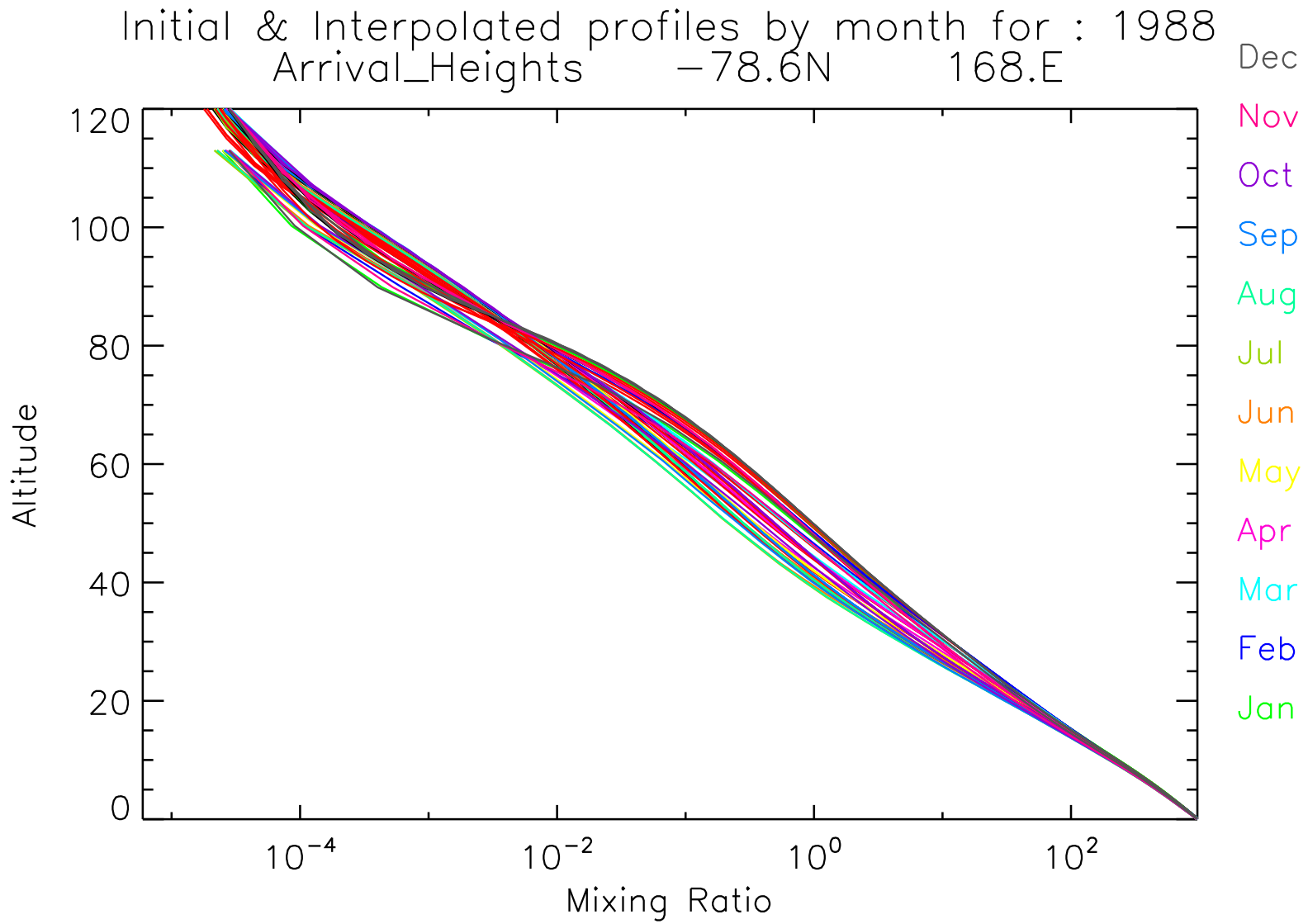
Mixing Ratio


Initial & Interpolated profiles by month for : 1988
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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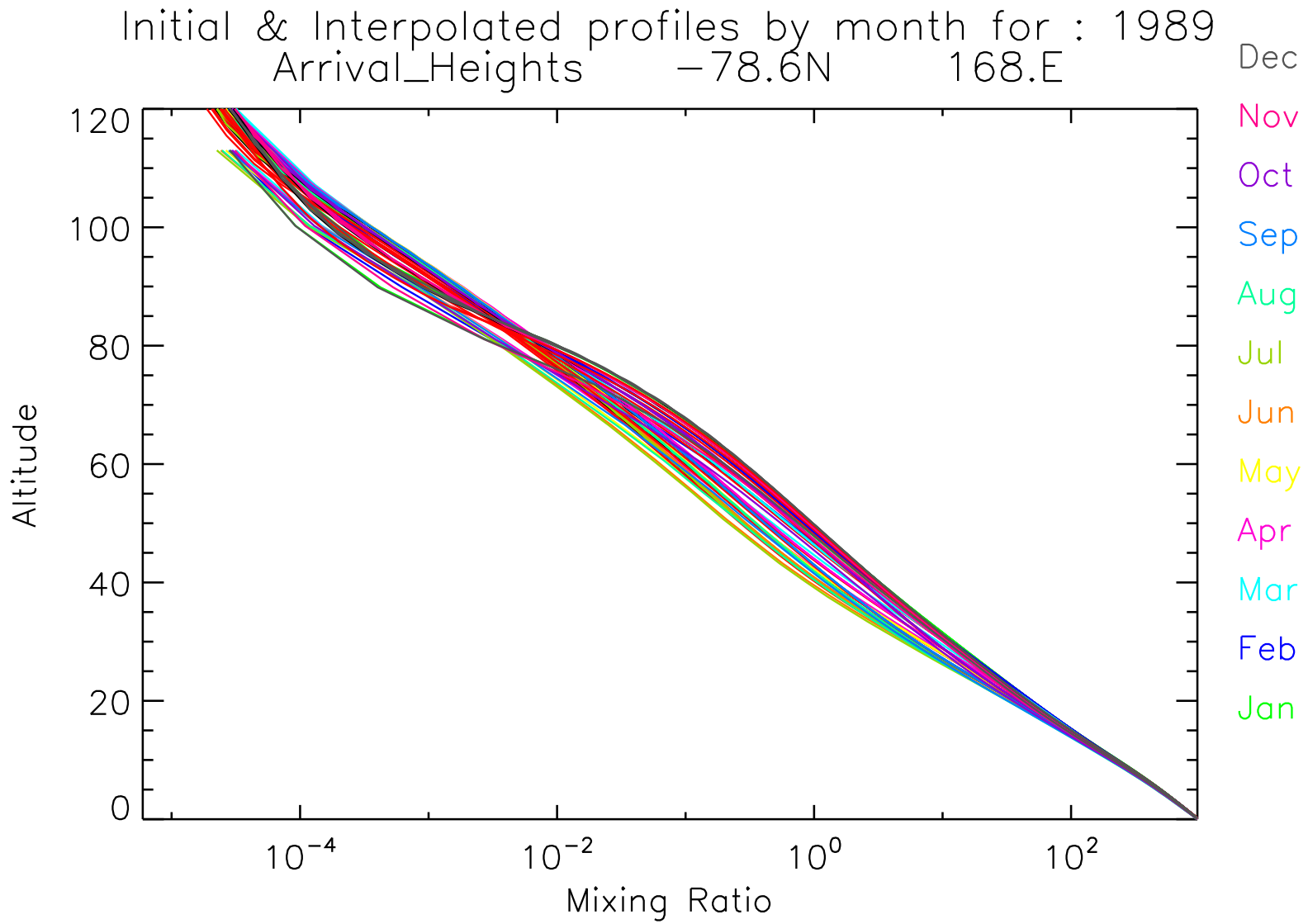
Initial & Interpolated profiles by month for : 1989
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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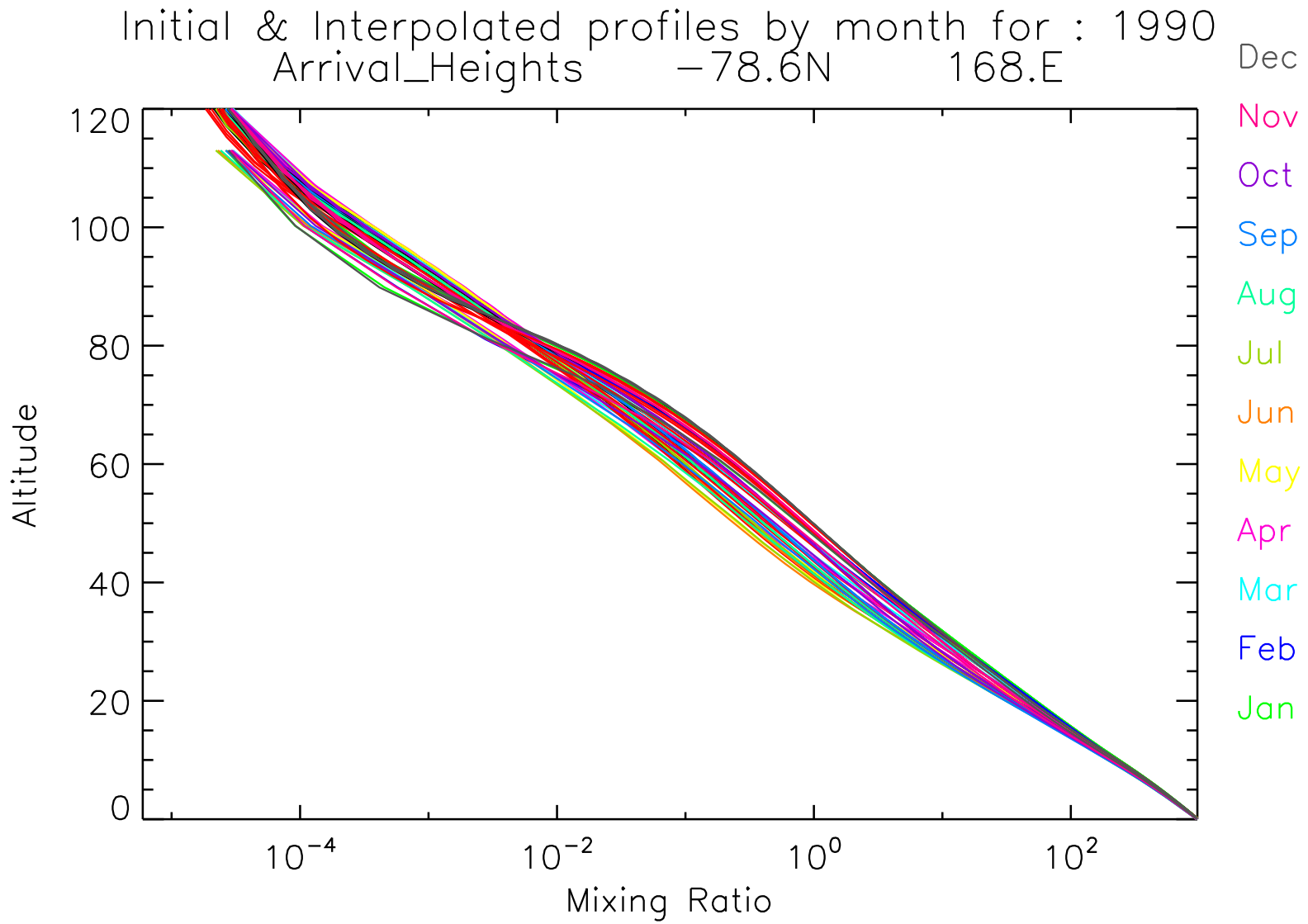
Initial & Interpolated profiles by month for : 1990
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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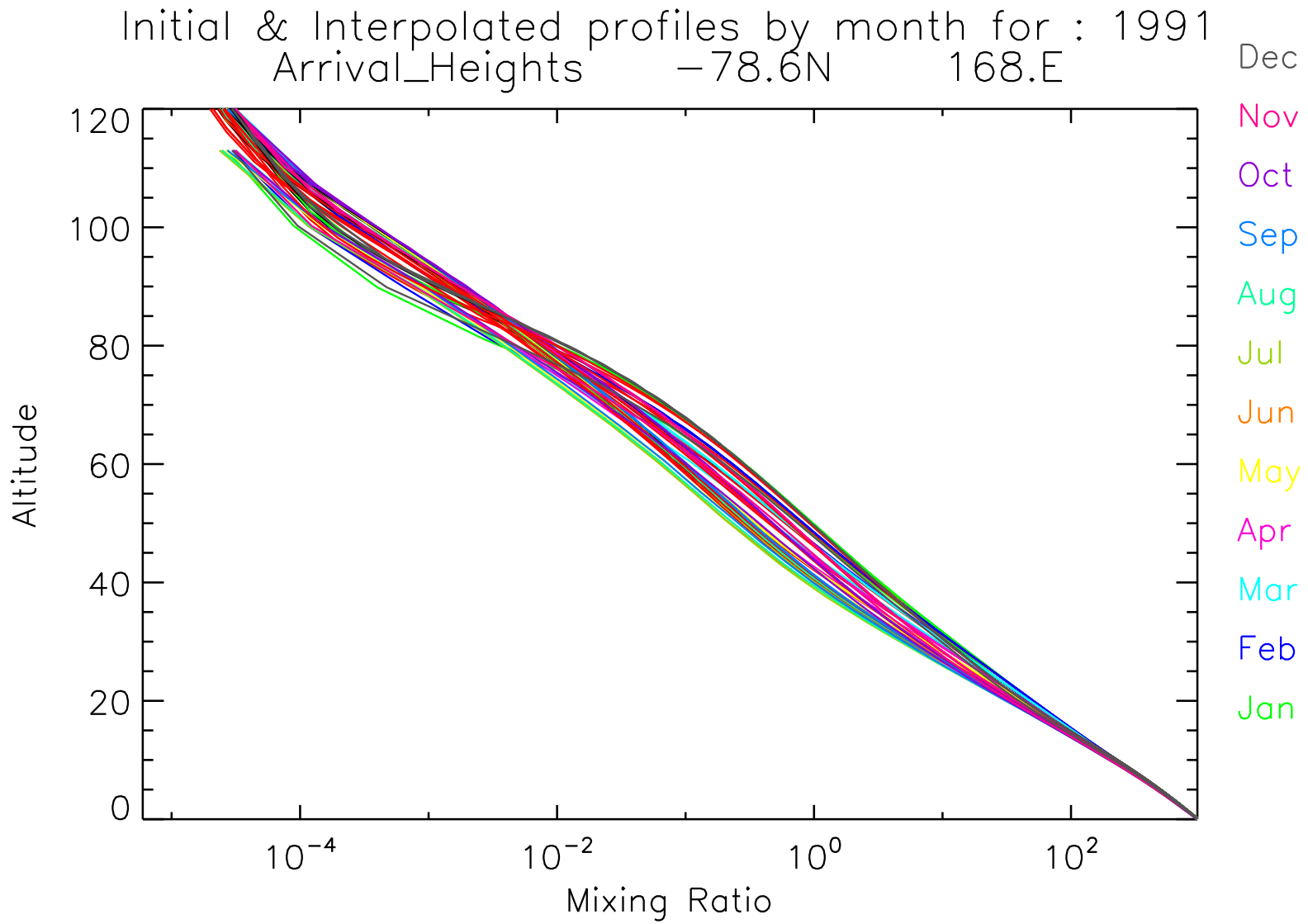
Initial & Interpolated profiles by month for : 1991
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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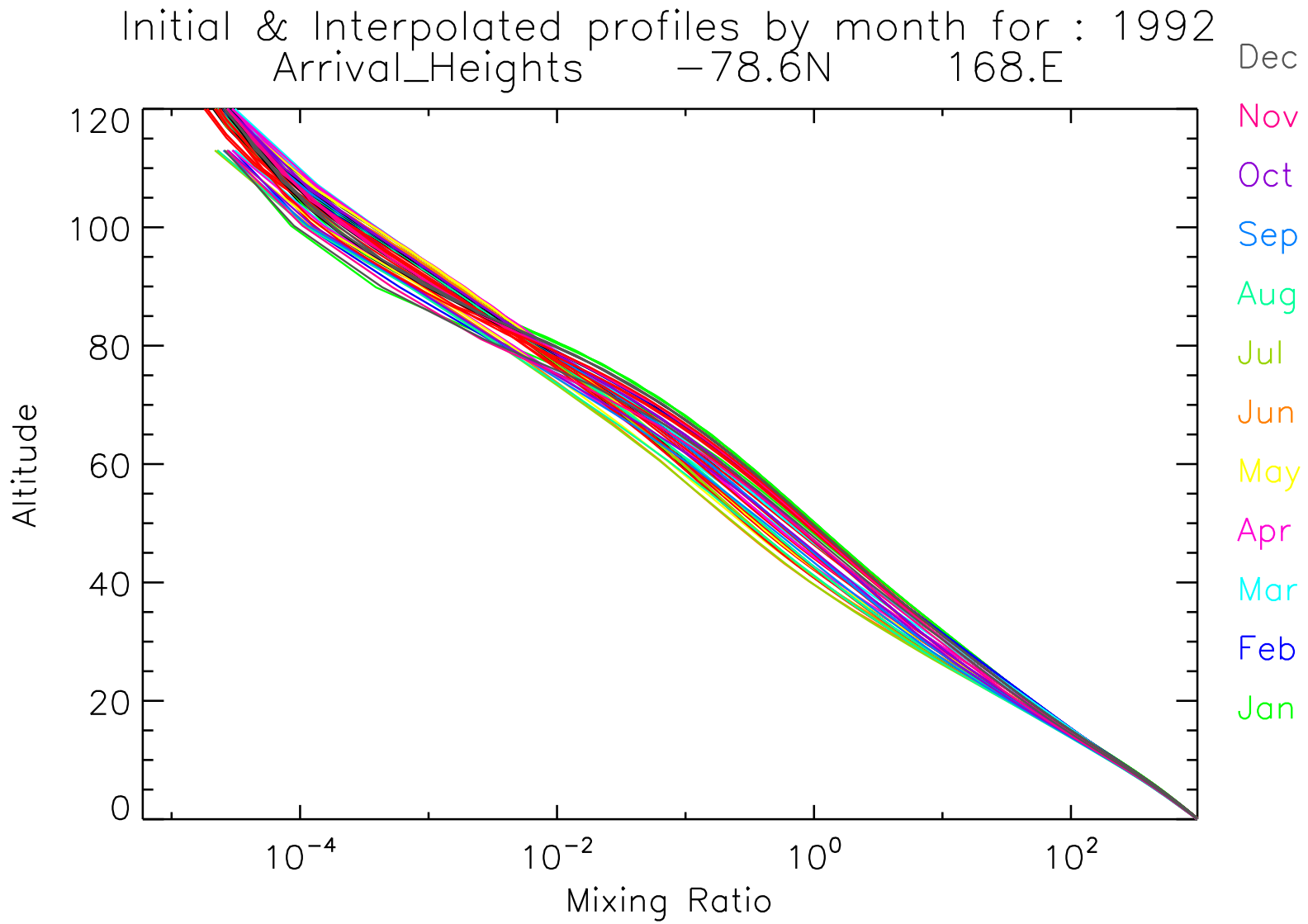
Initial & Interpolated profiles by month for : 1992
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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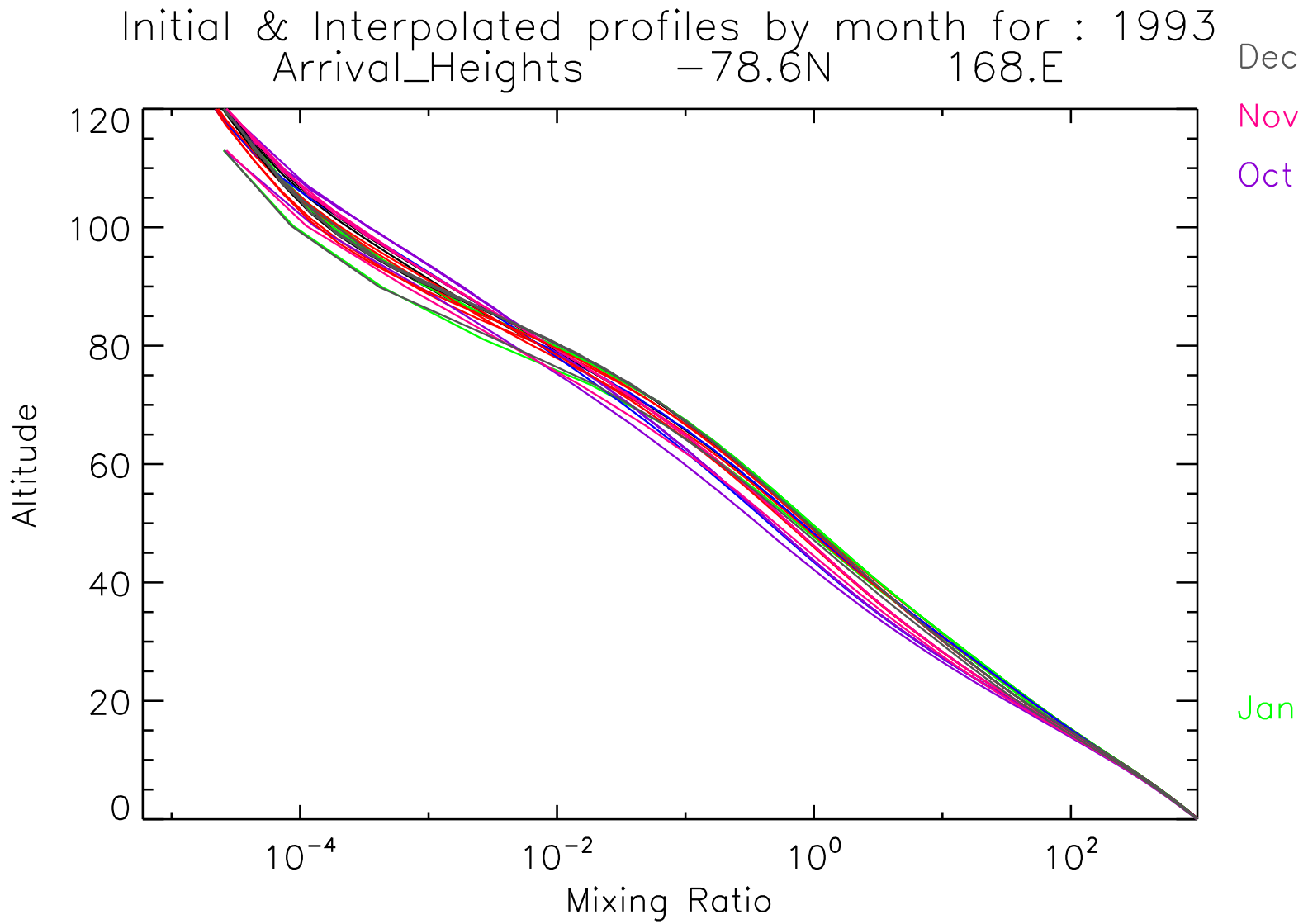
Initial & Interpolated profiles by month for : 1993
Arrival_Heights −78.6N 168.E
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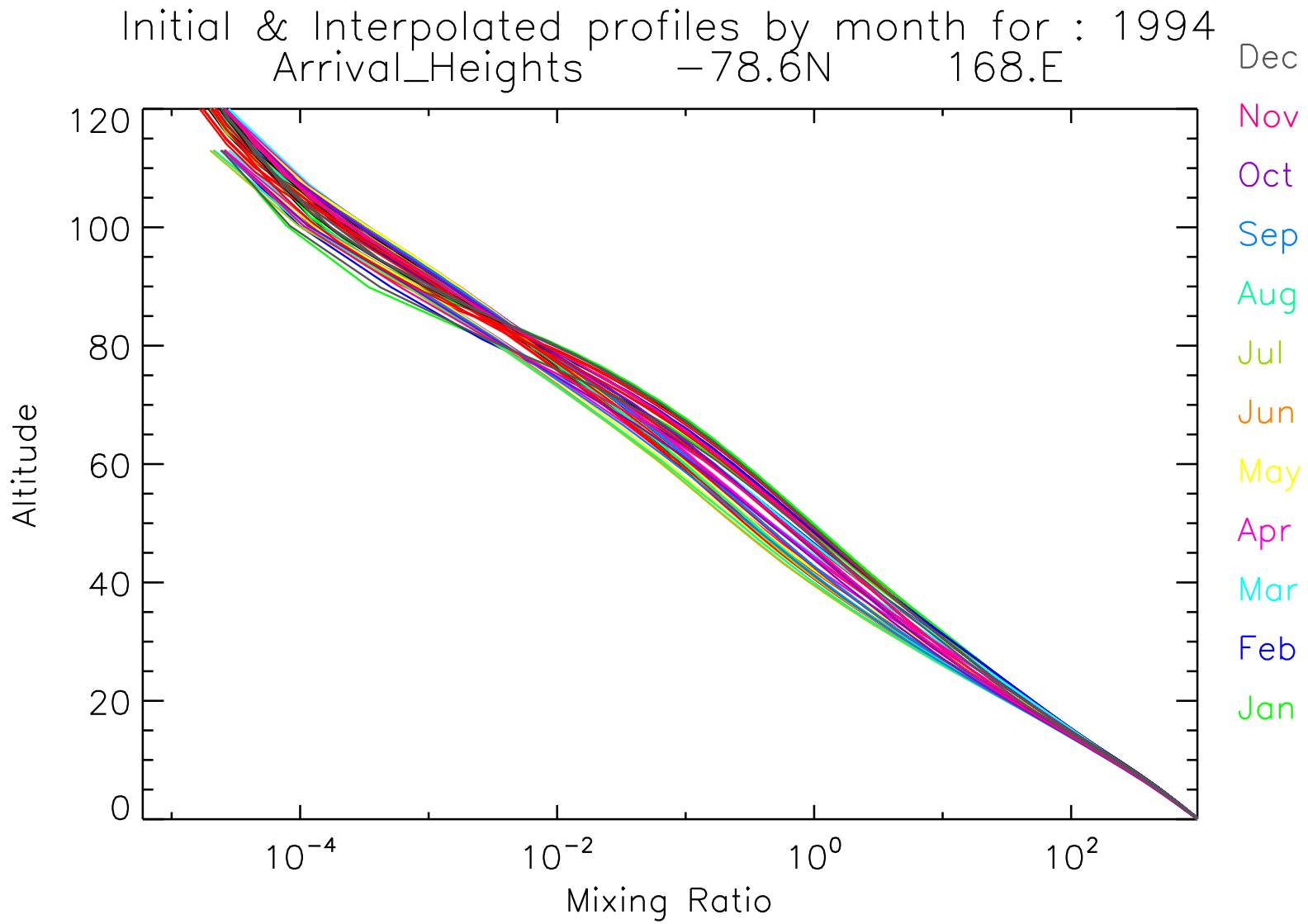
Initial & Interpolated profiles by month for : 1994
Arrival_Heights −78.6N 168.E
Altitude
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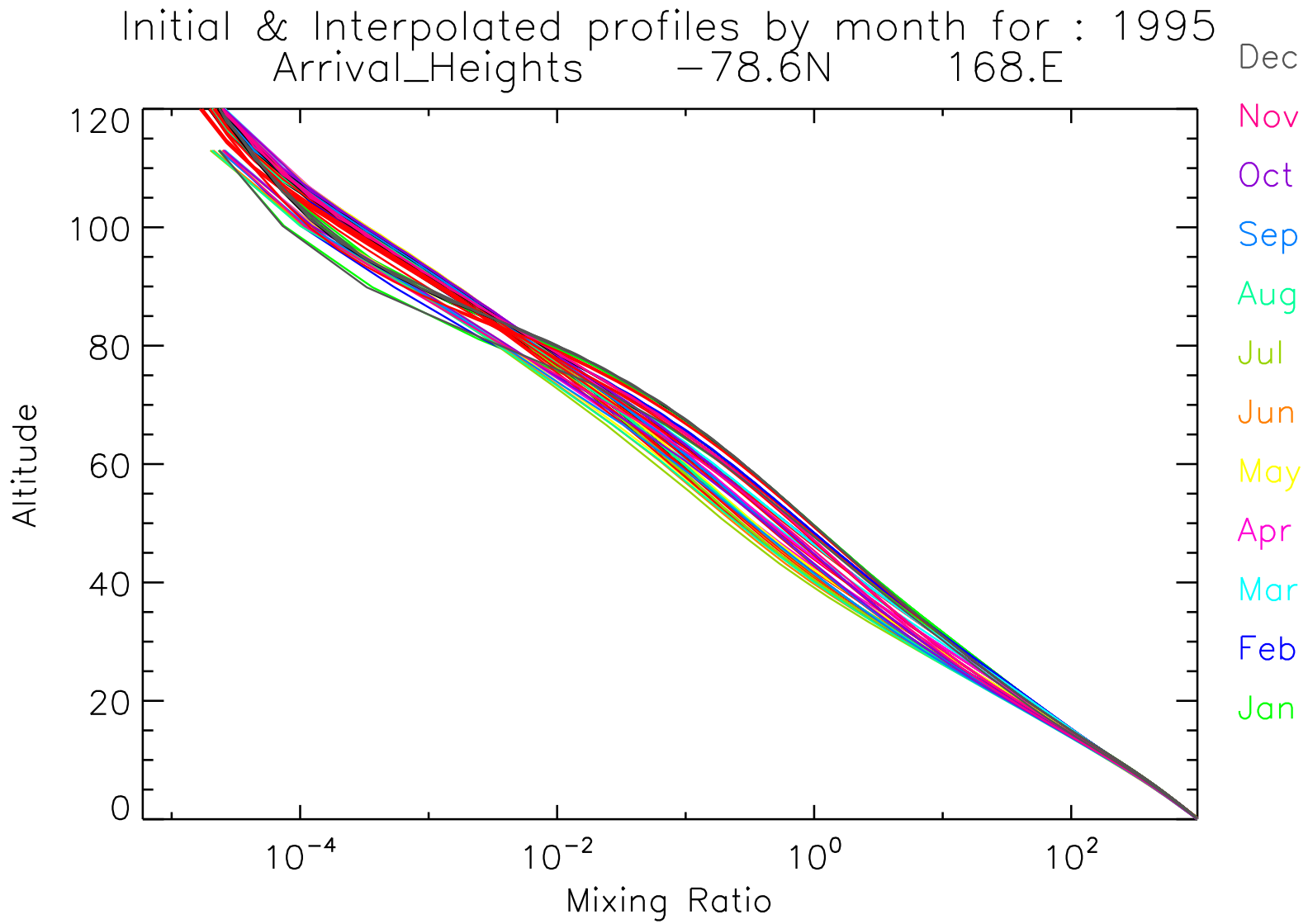
Initial & Interpolated profiles by month for : 1995
Arrival_Heights −78.6N 168.E
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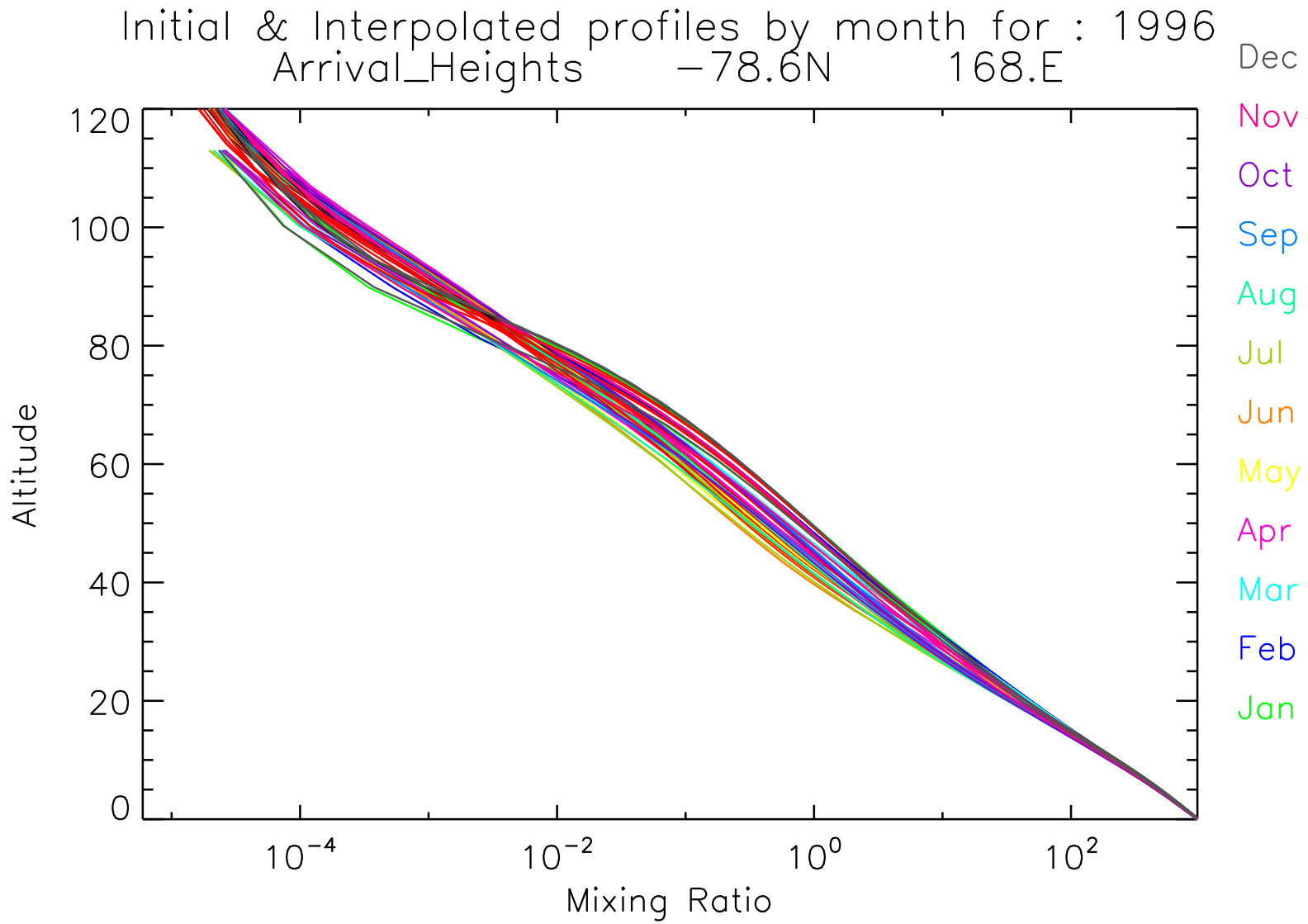
Initial & Interpolated profiles by month for : 1996
Arrival_Heights −78.6N 168.E
Altitude
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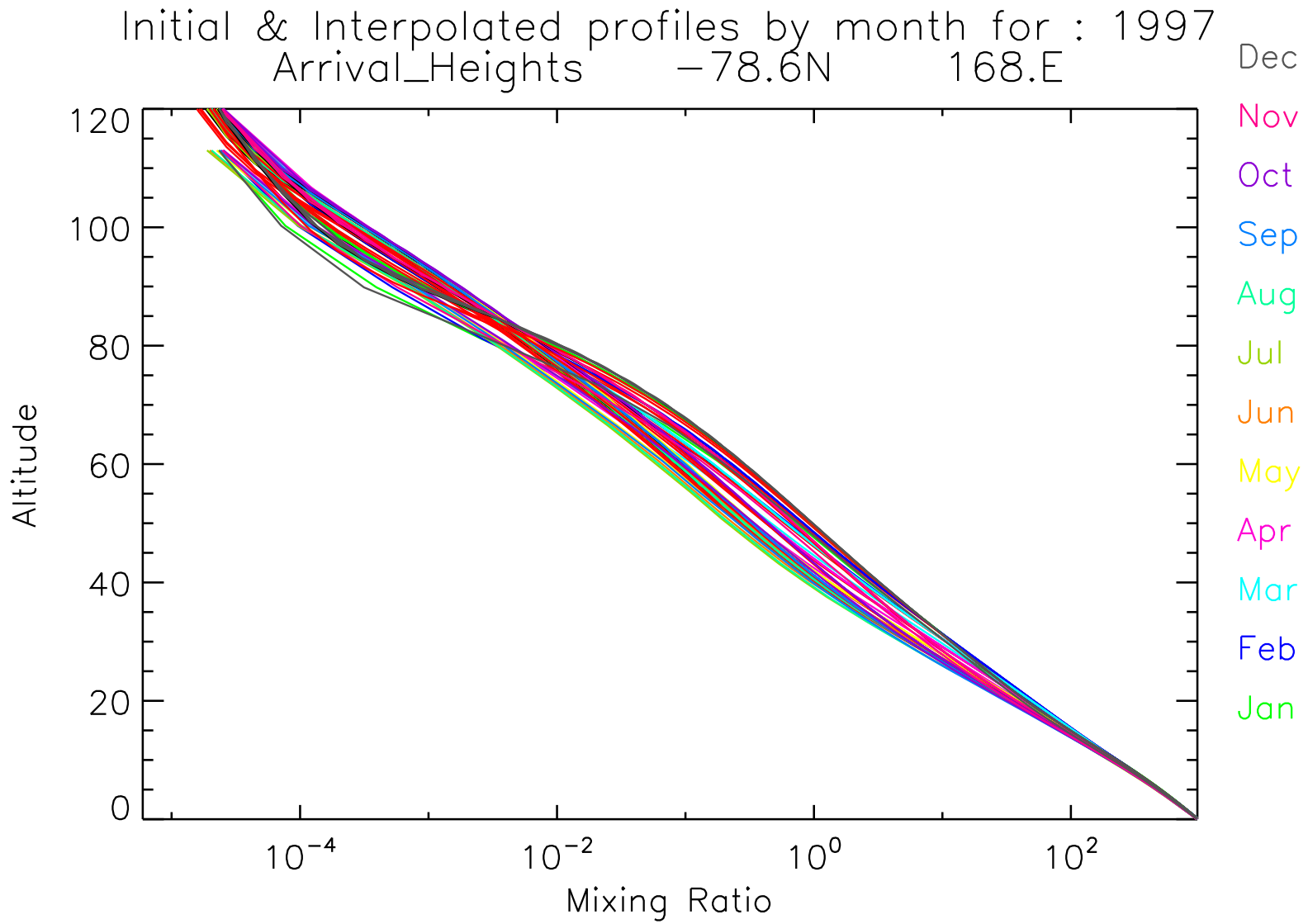
Initial & Interpolated profiles by month for : 1997
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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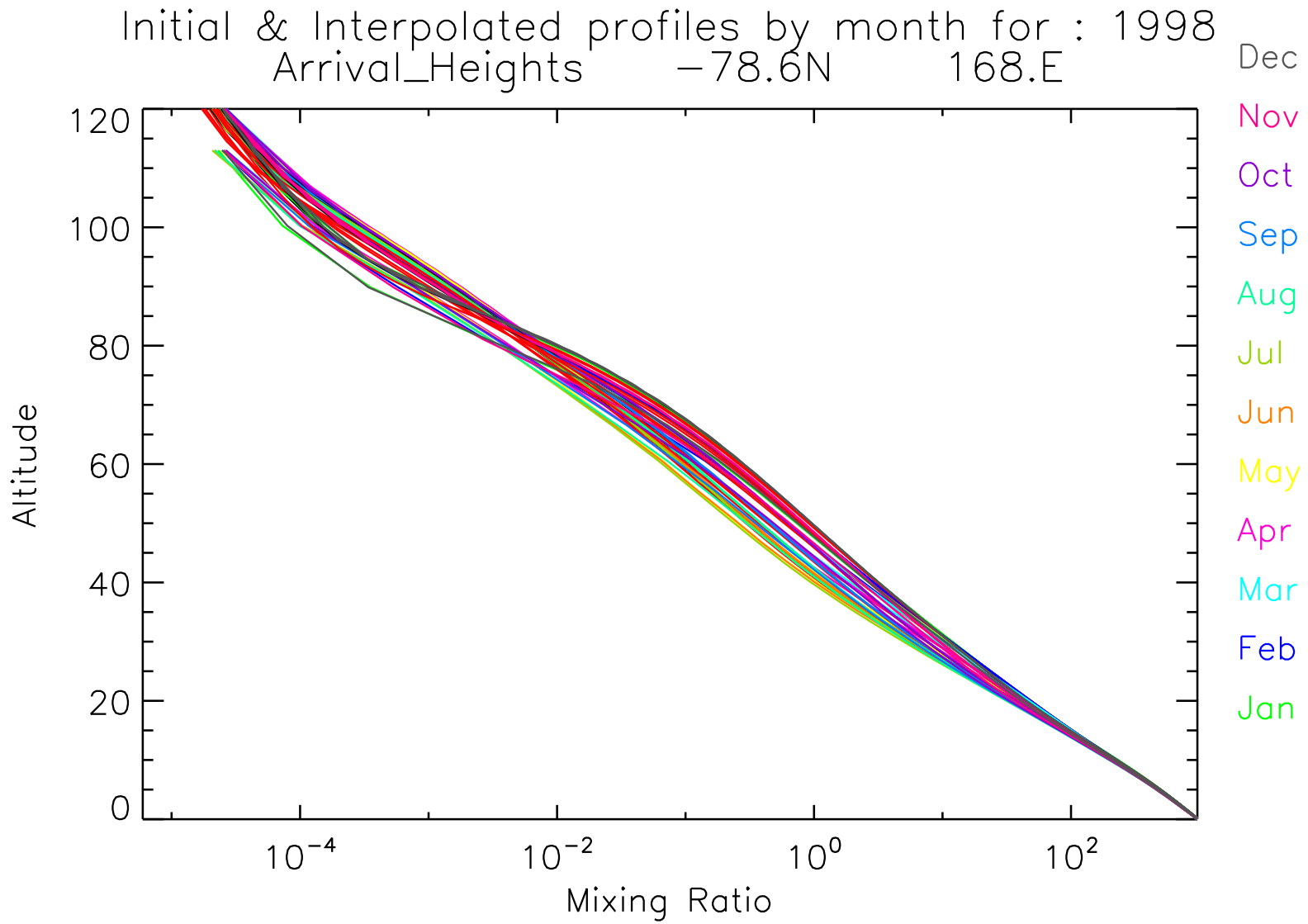
Initial & Interpolated profiles by month for : 1998
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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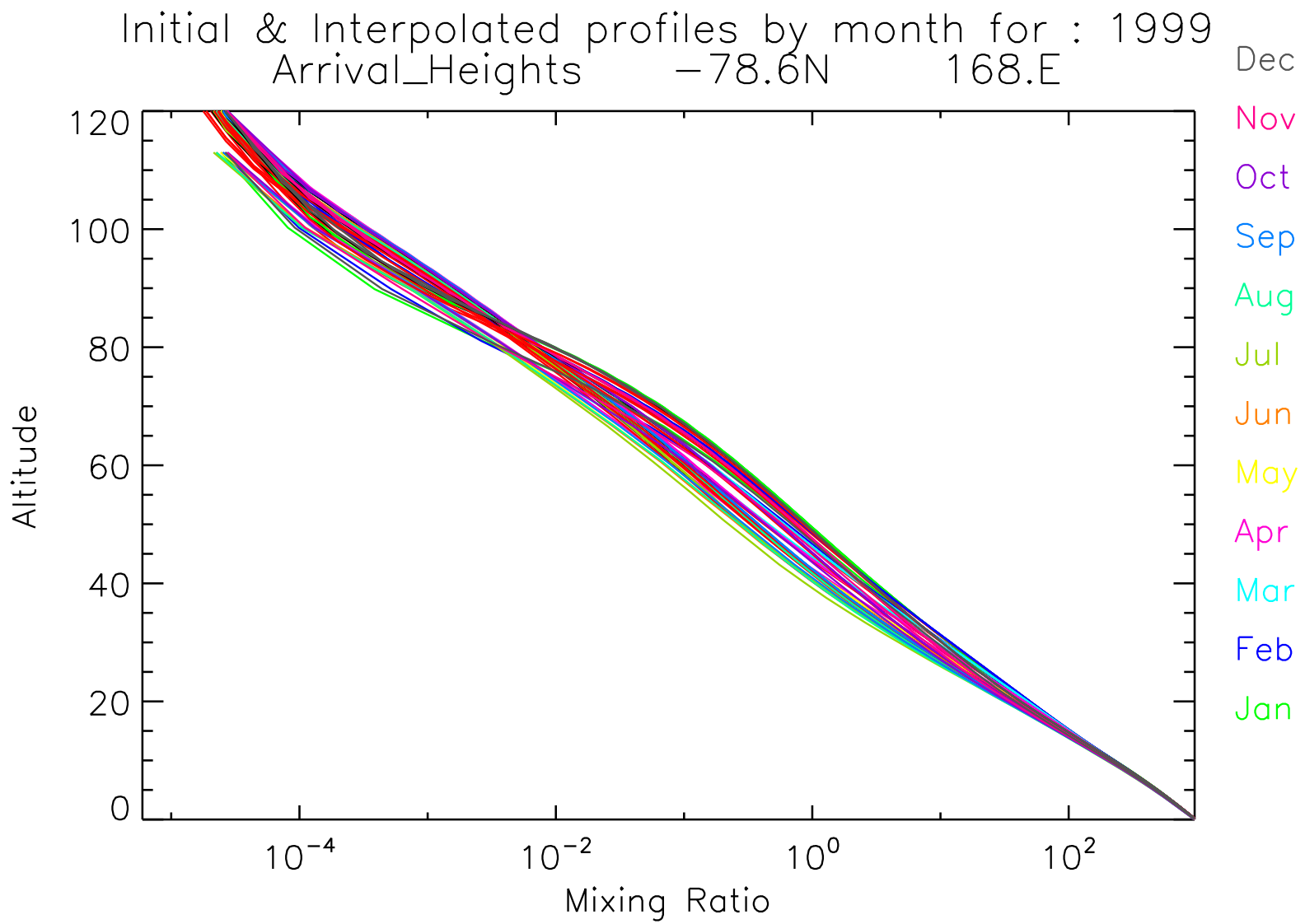
Initial & Interpolated profiles by month for : 1999
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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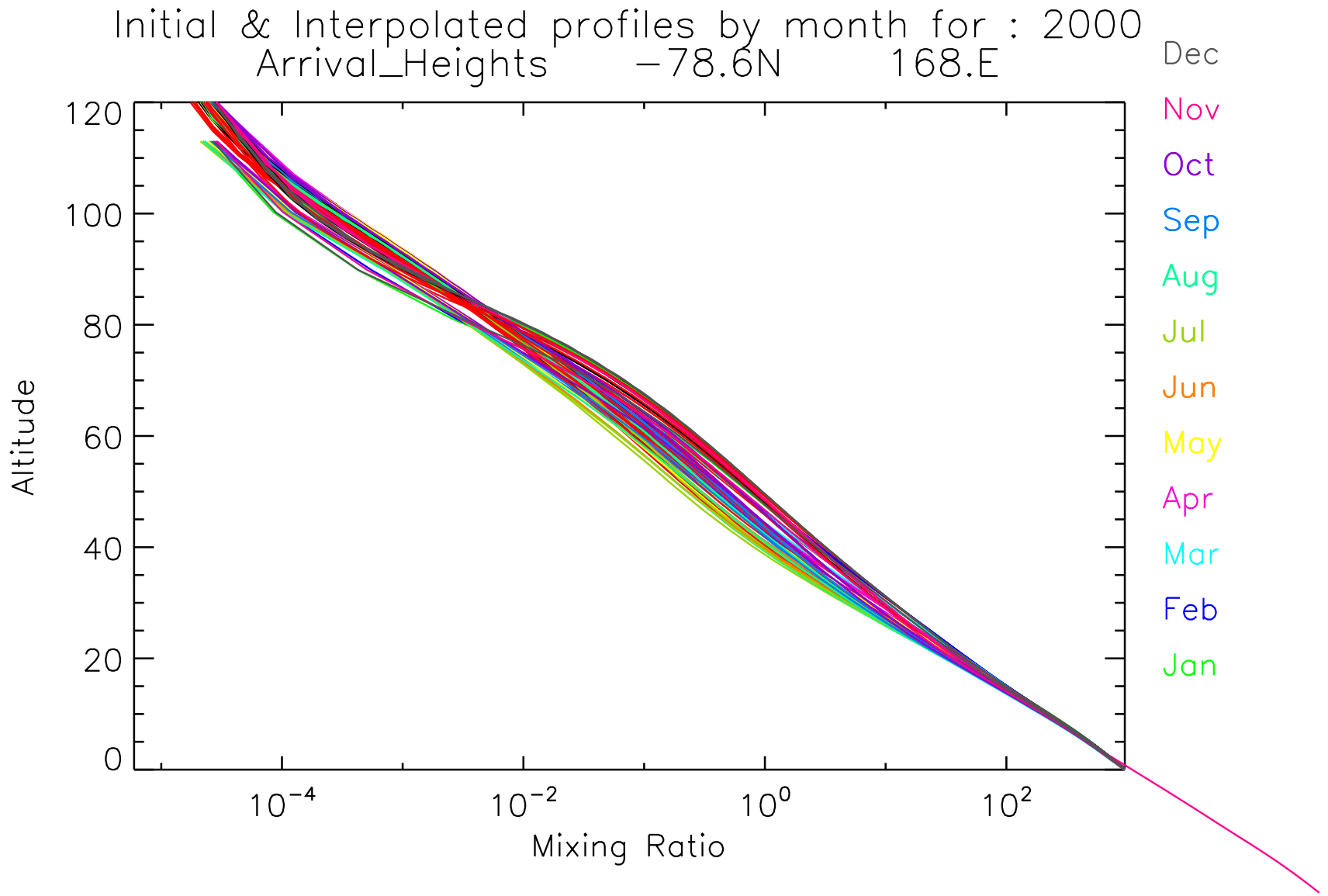
Initial & Interpolated profiles by month for : 2000
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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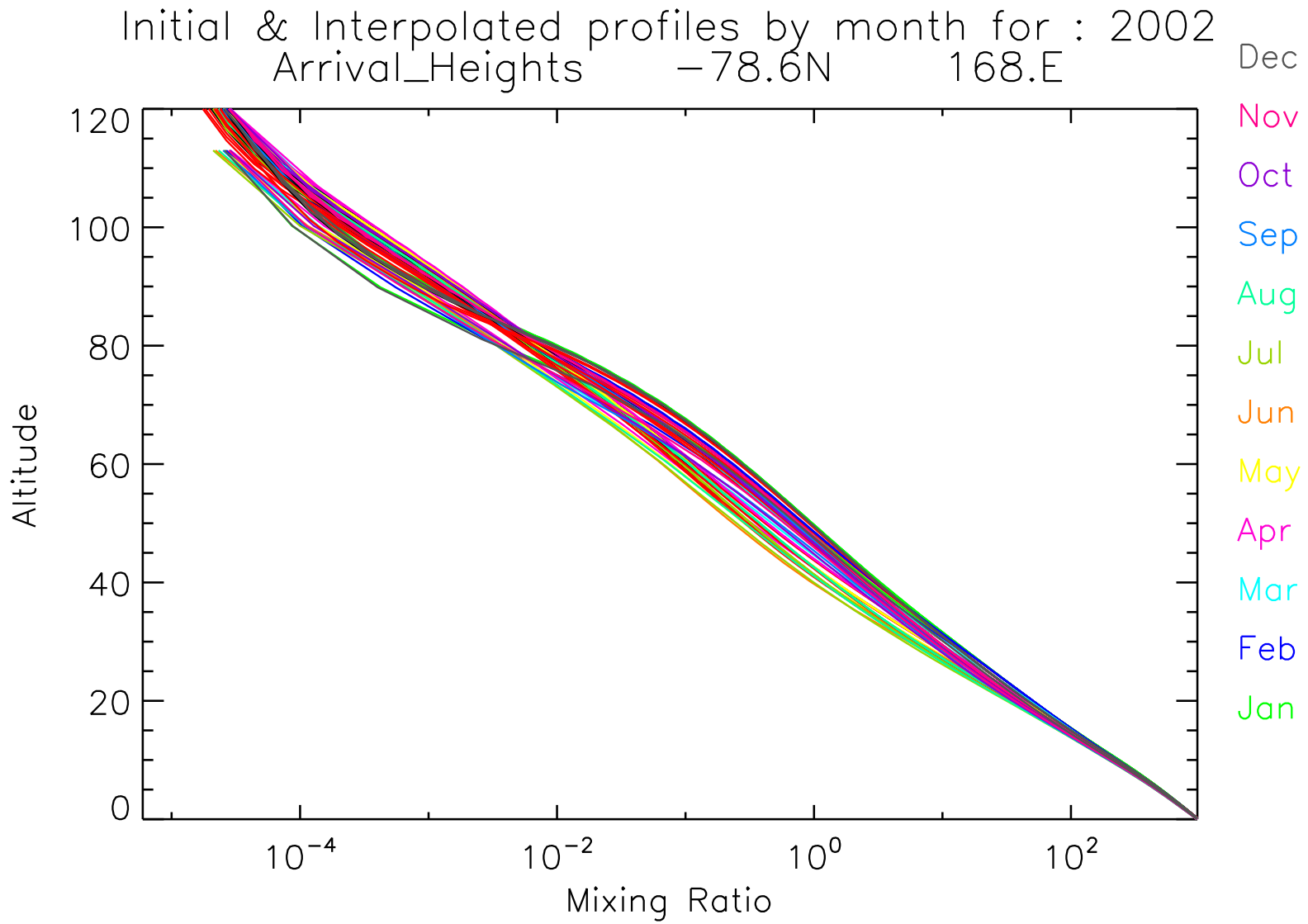
Initial & Interpolated profiles by month for : 2002
Arrival_Heights −78.6N 168.E
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Altitude
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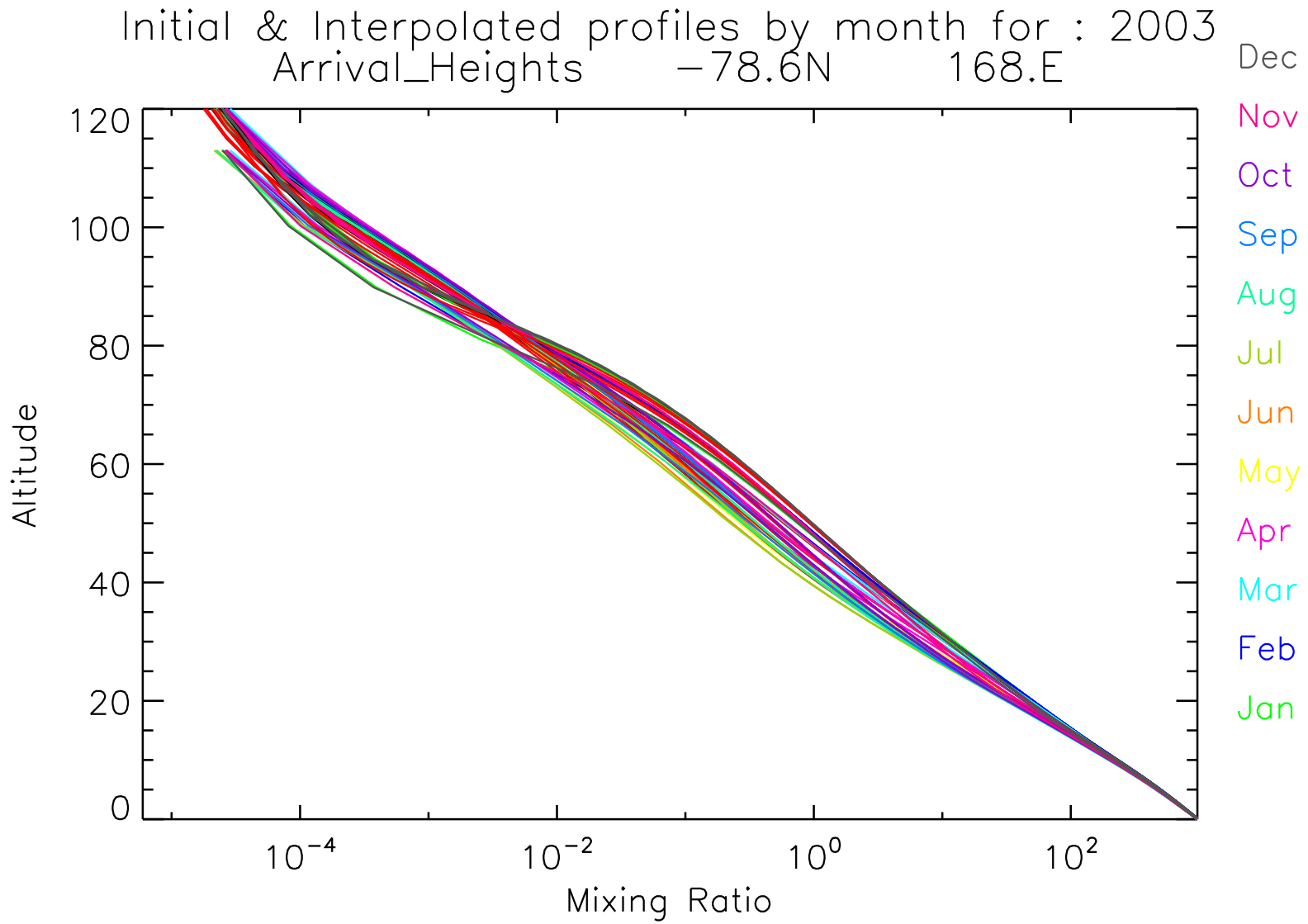
Mixing Ratio


Initial & Interpolated profiles by month for : 2003
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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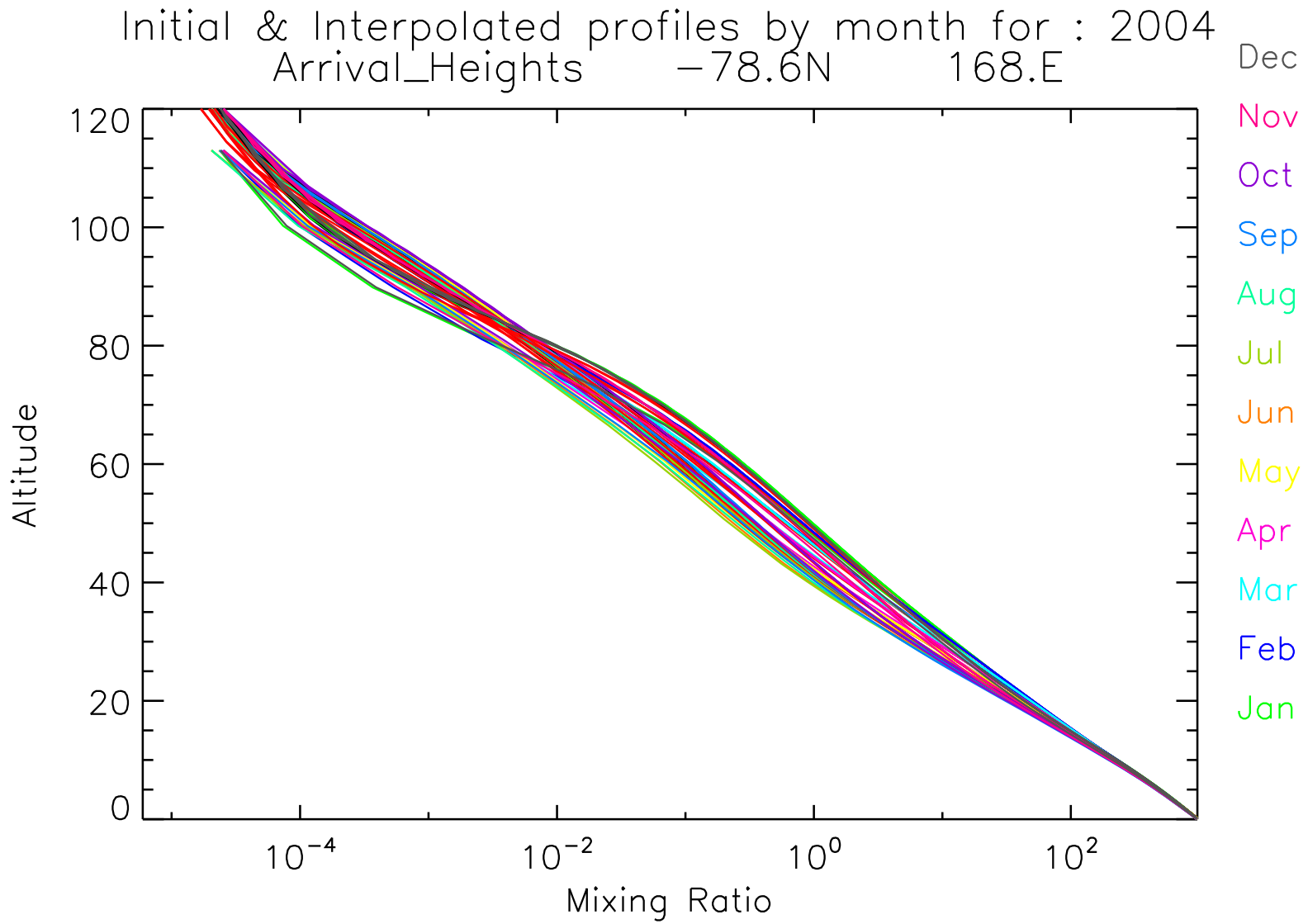
Initial & Interpolated profiles by month for : 2004
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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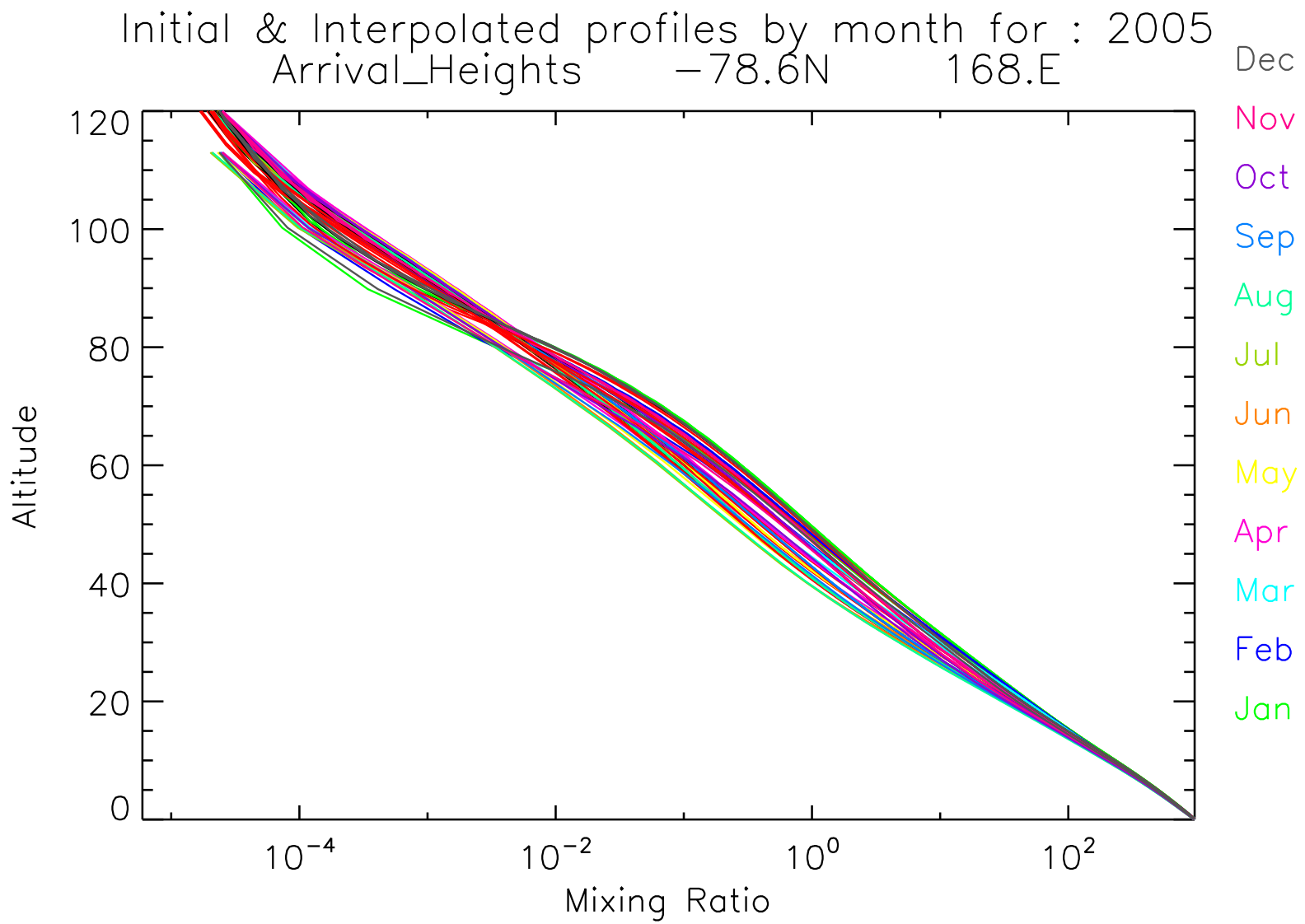
Initial & Interpolated profiles by month for : 2005
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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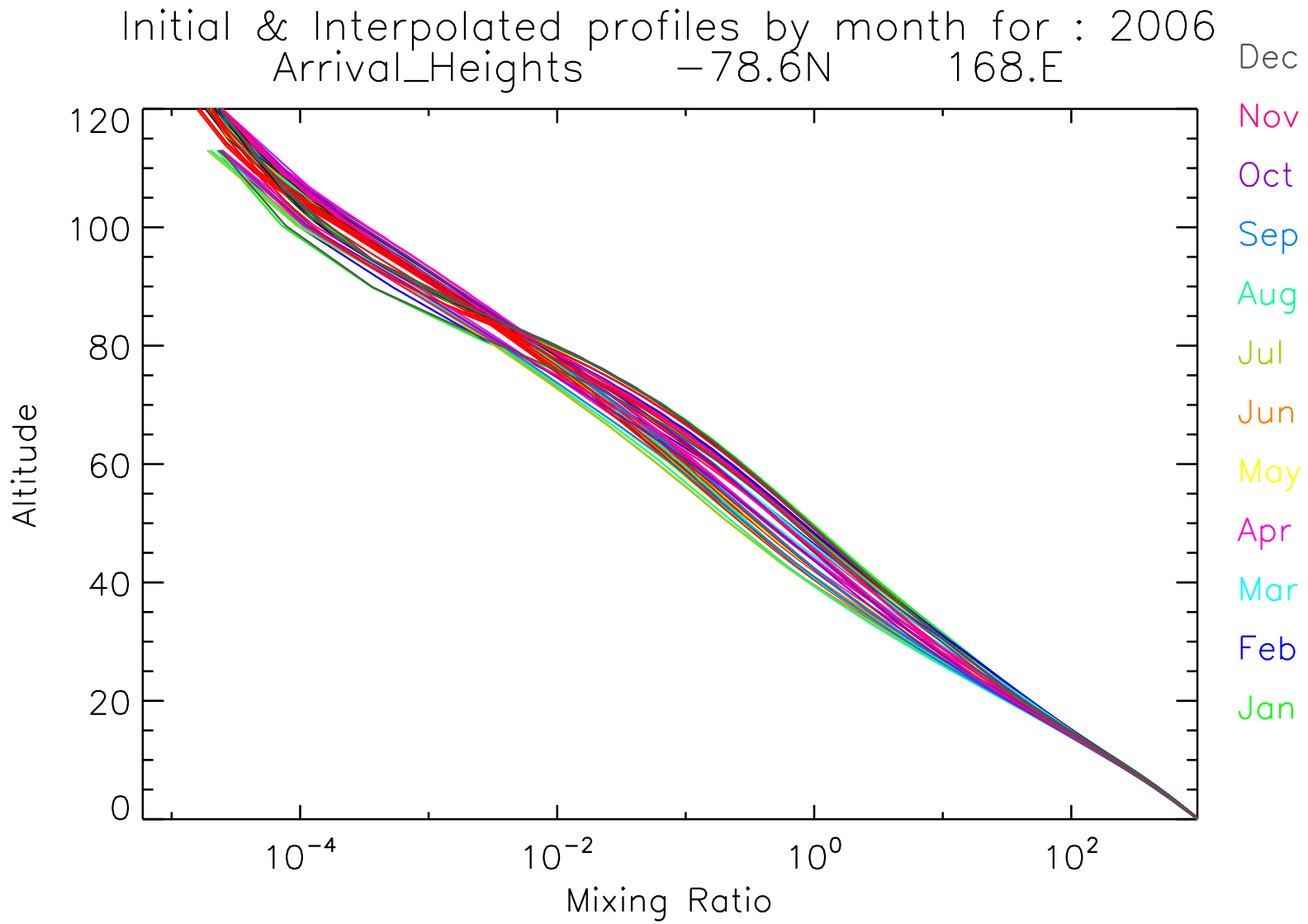
Initial & Interpolated profiles by month for : 2006
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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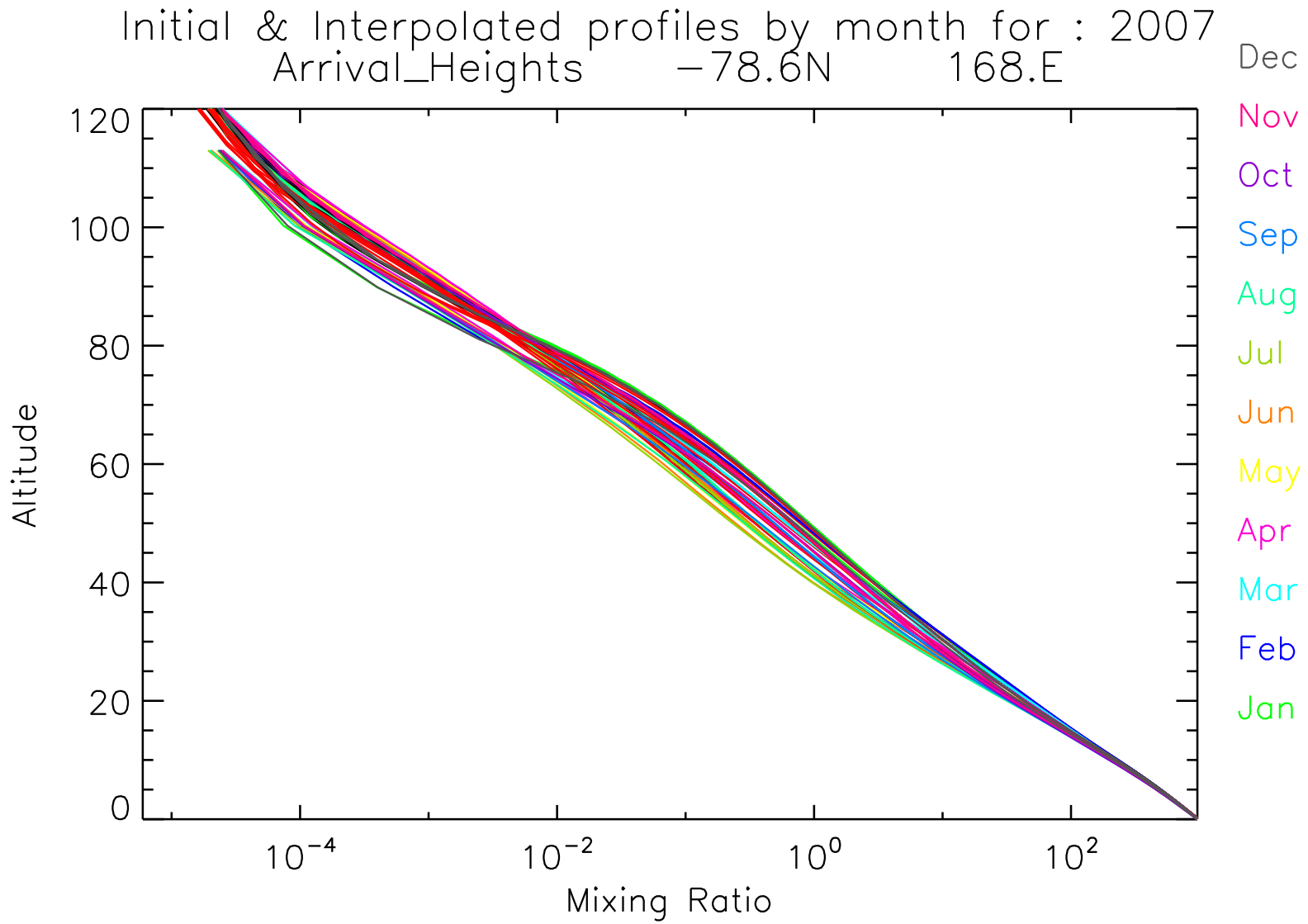
Initial & Interpolated profiles by month for : 2007
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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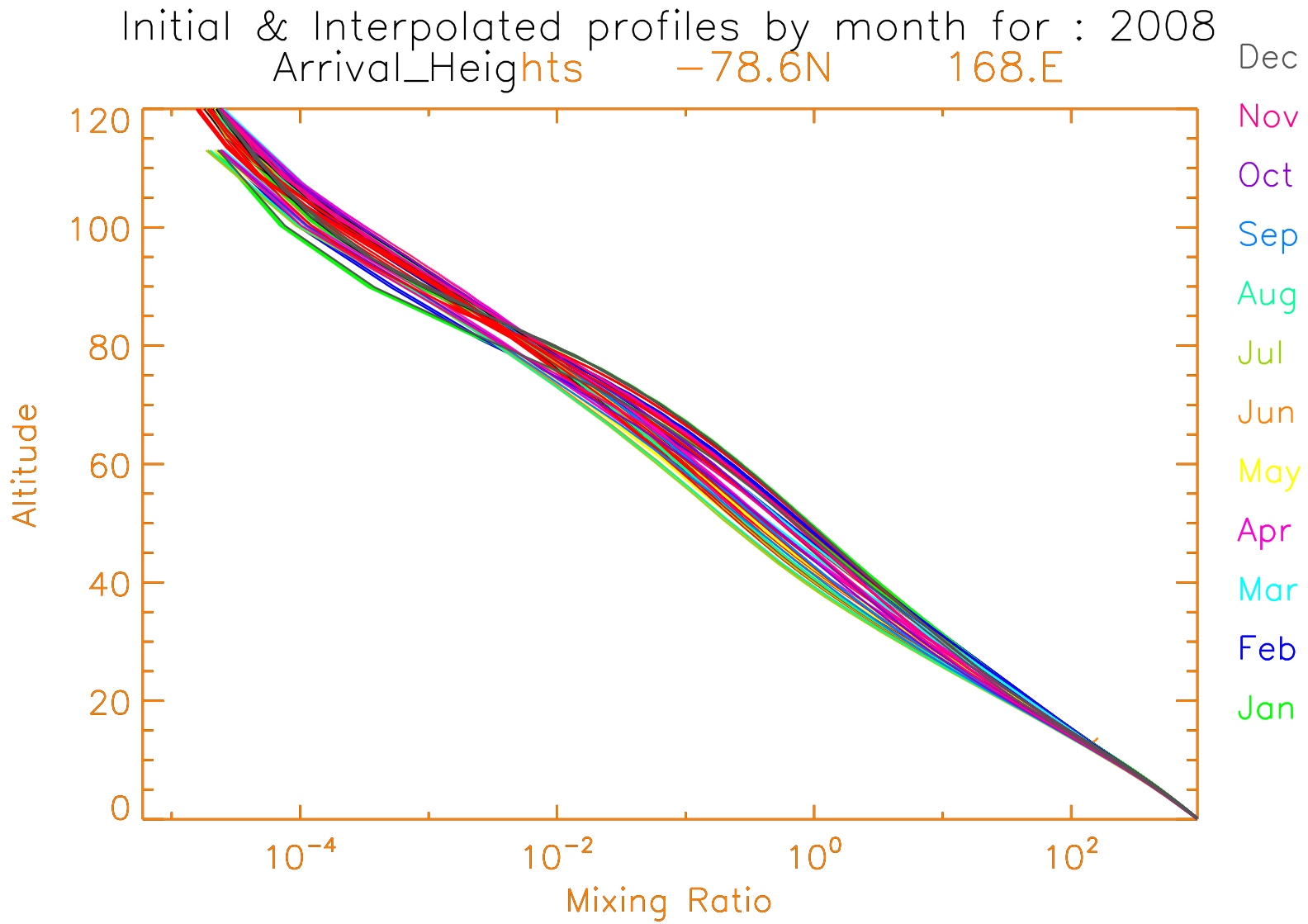
Initial & Interpolated profiles by month for : 2008
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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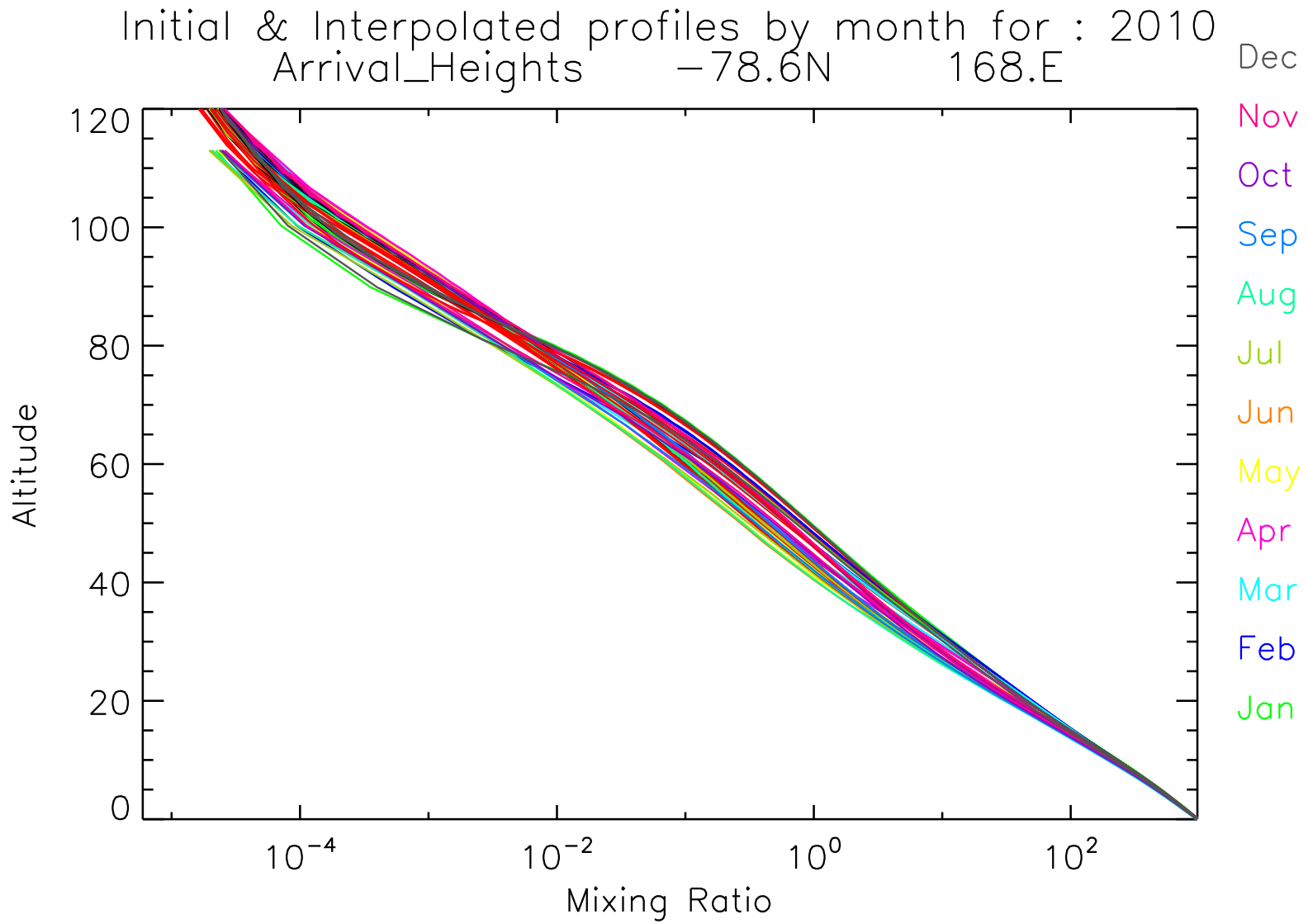
Initial & Interpolated profiles by month for : 2010
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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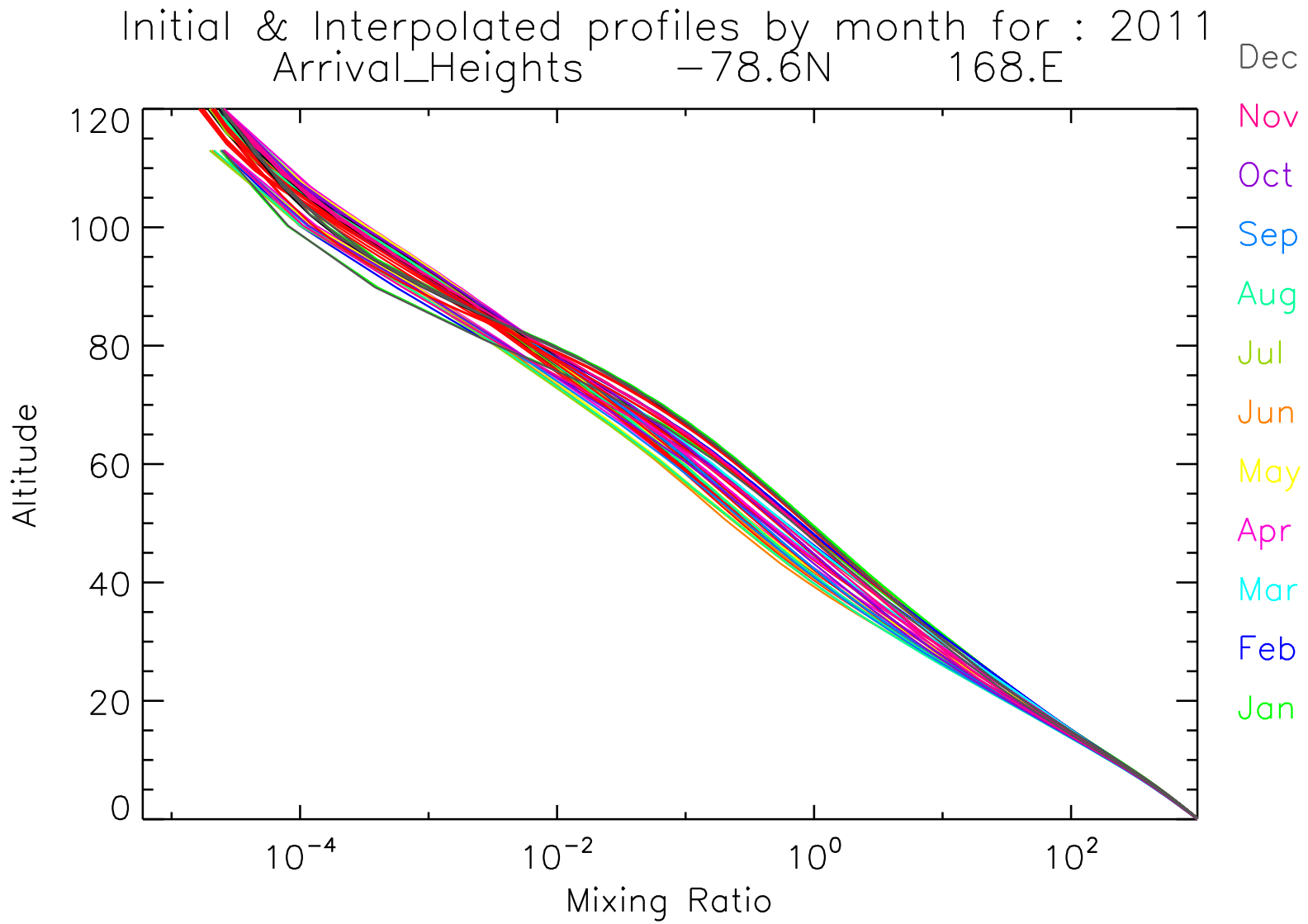
Initial & Interpolated profiles by month for : 2011
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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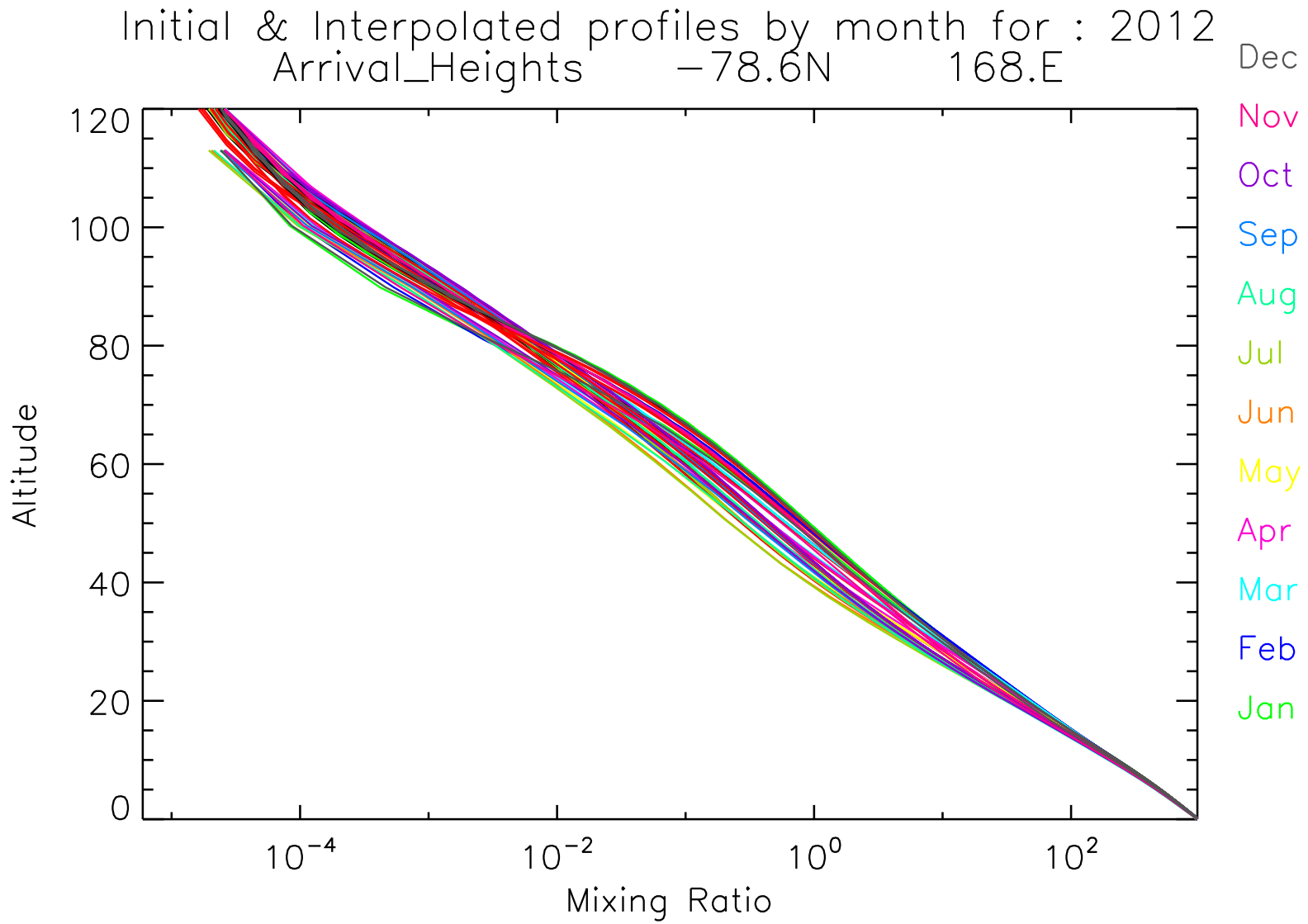
Initial & Interpolated profiles by month for : 2012
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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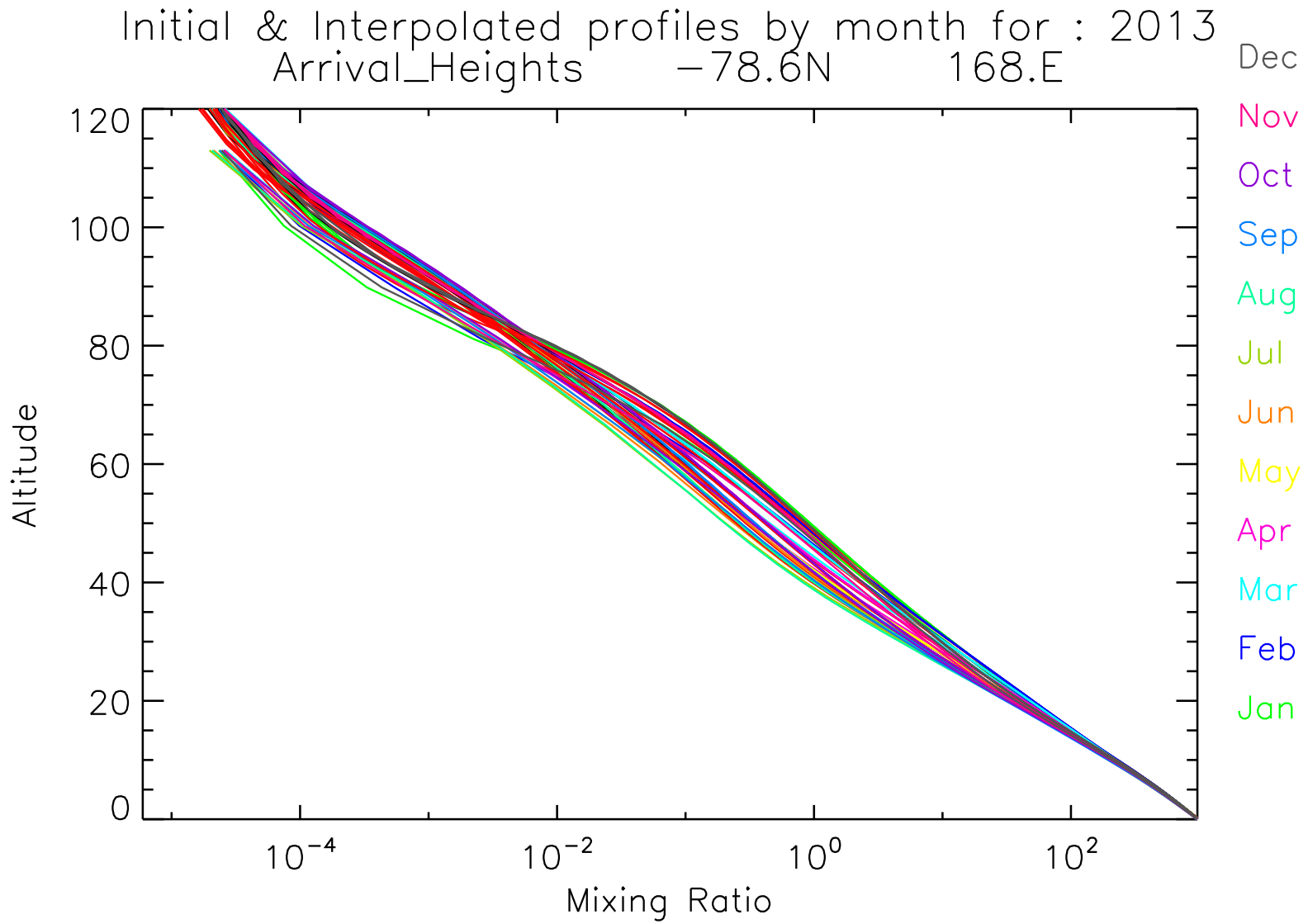
Initial & Interpolated profiles by month for : 2013
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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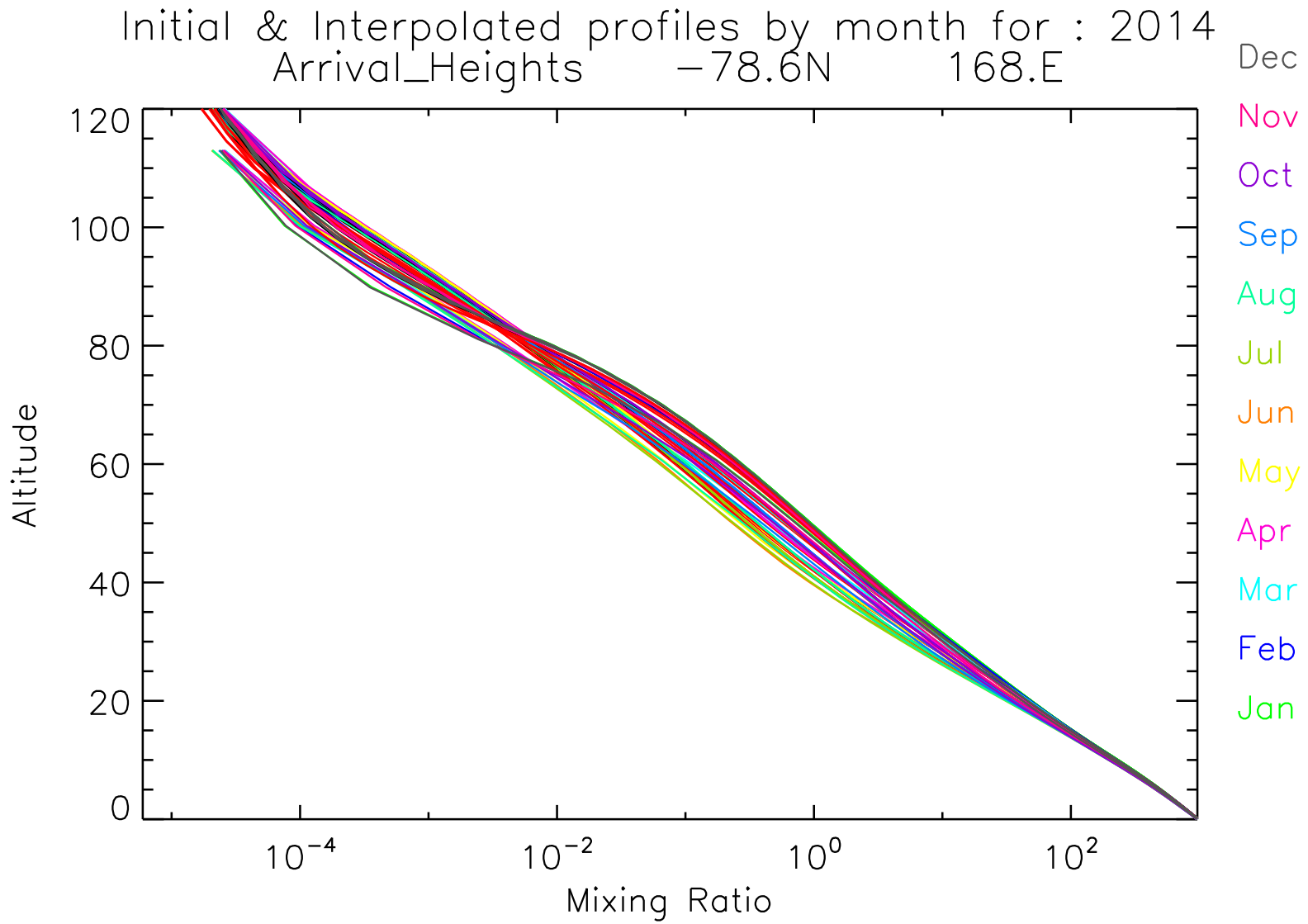
Initial & Interpolated profiles by month for : 2014
Arrival_Heights −78.6N 168.E
Altitude
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Mixing Ratio
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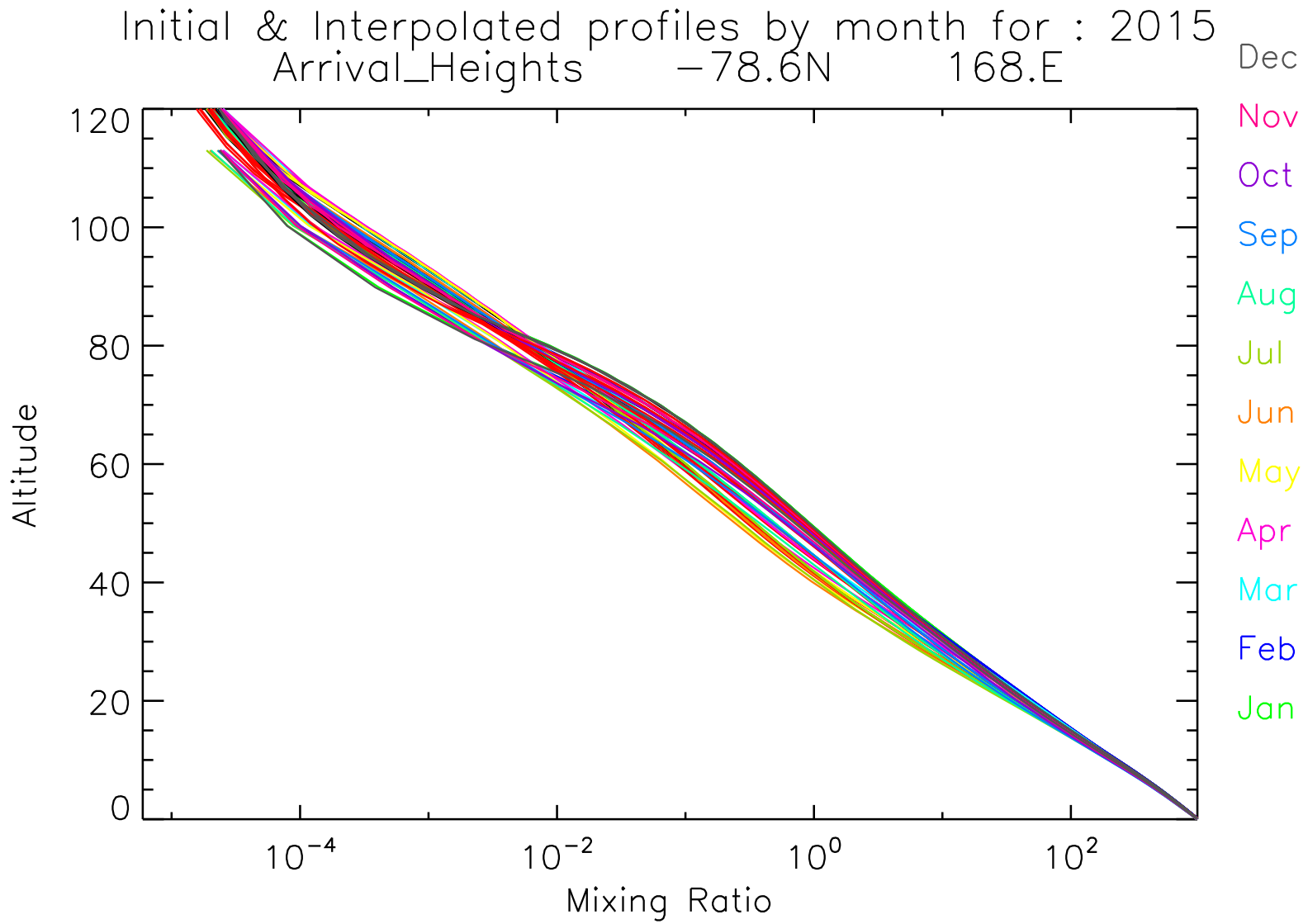
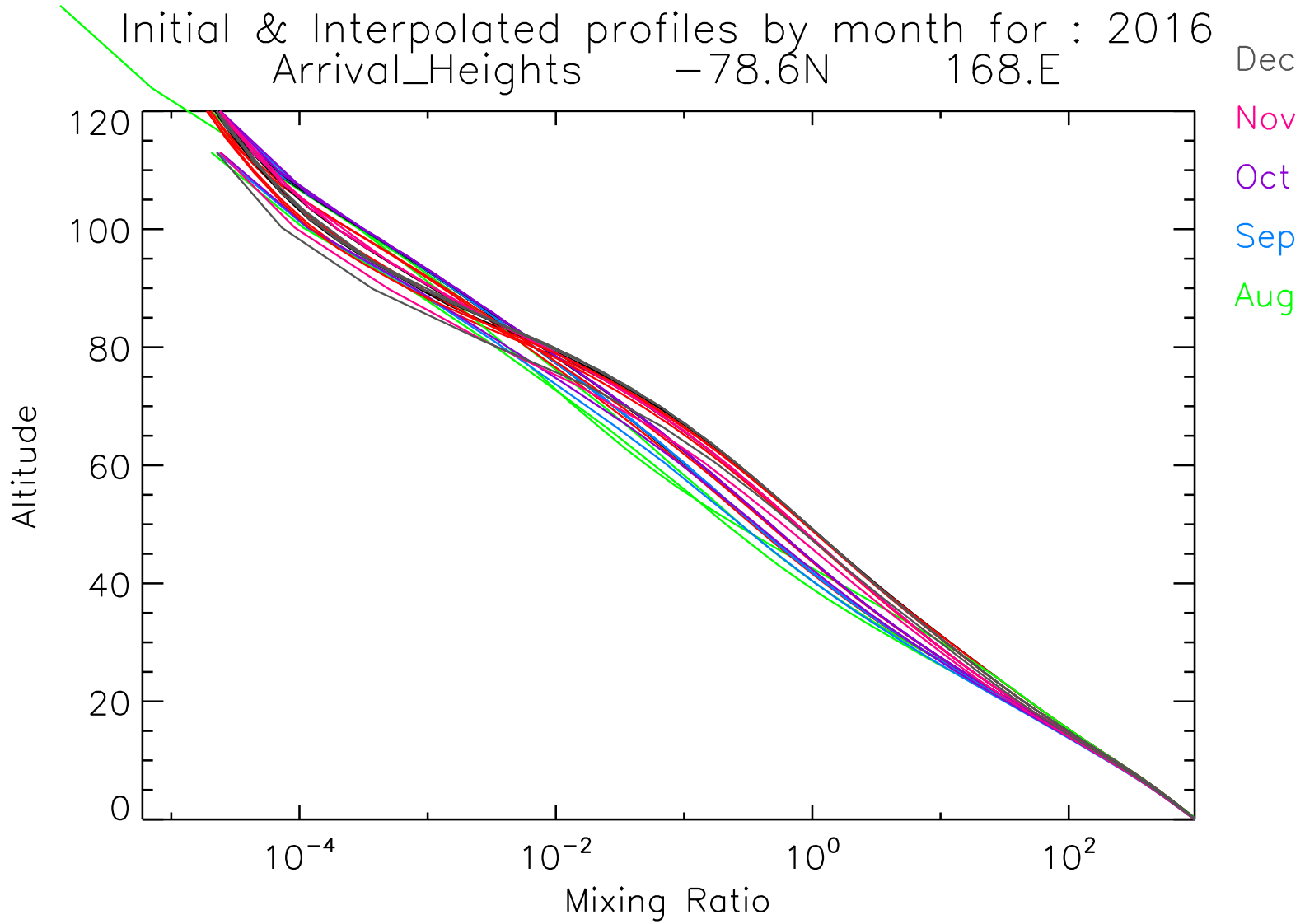
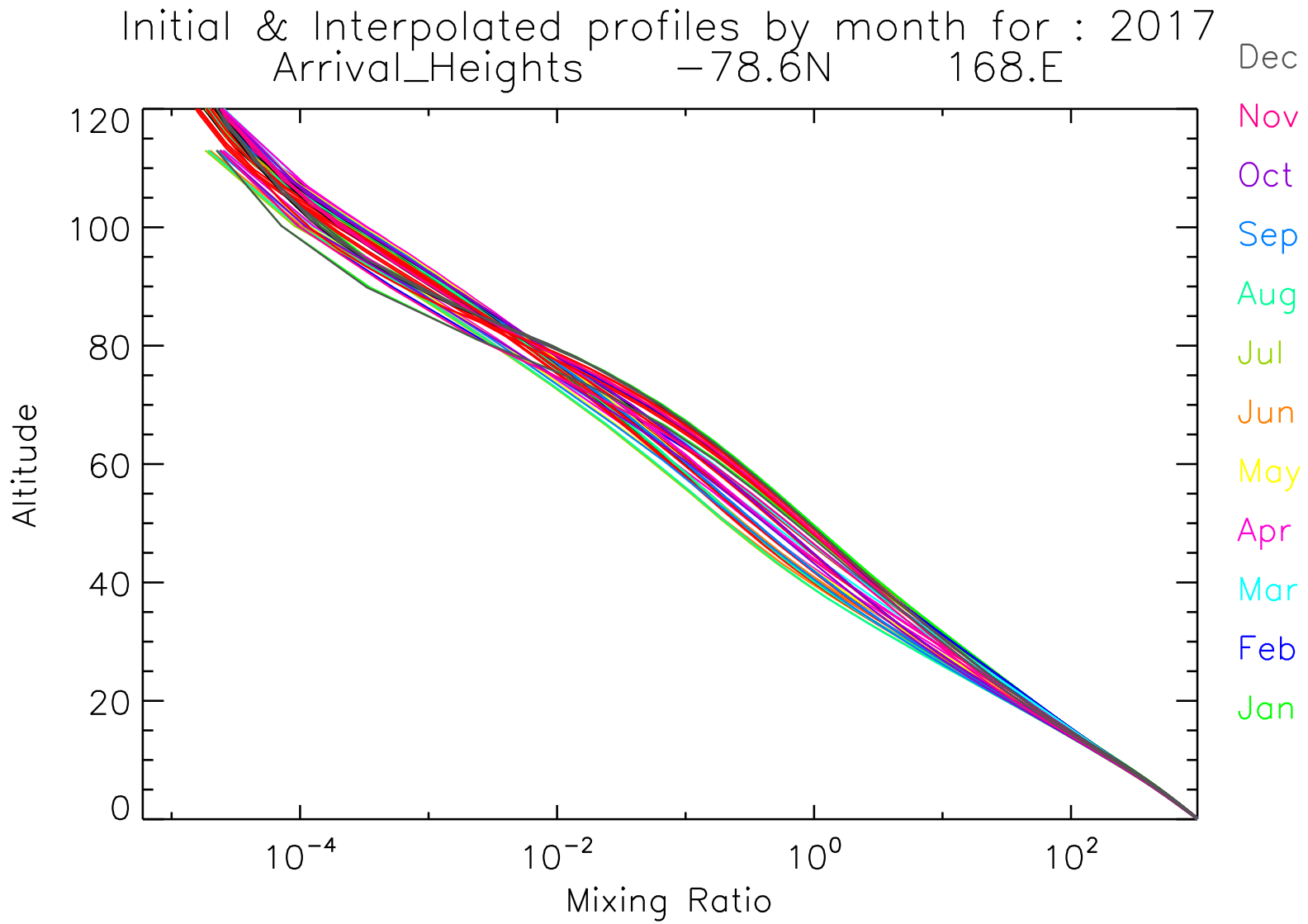
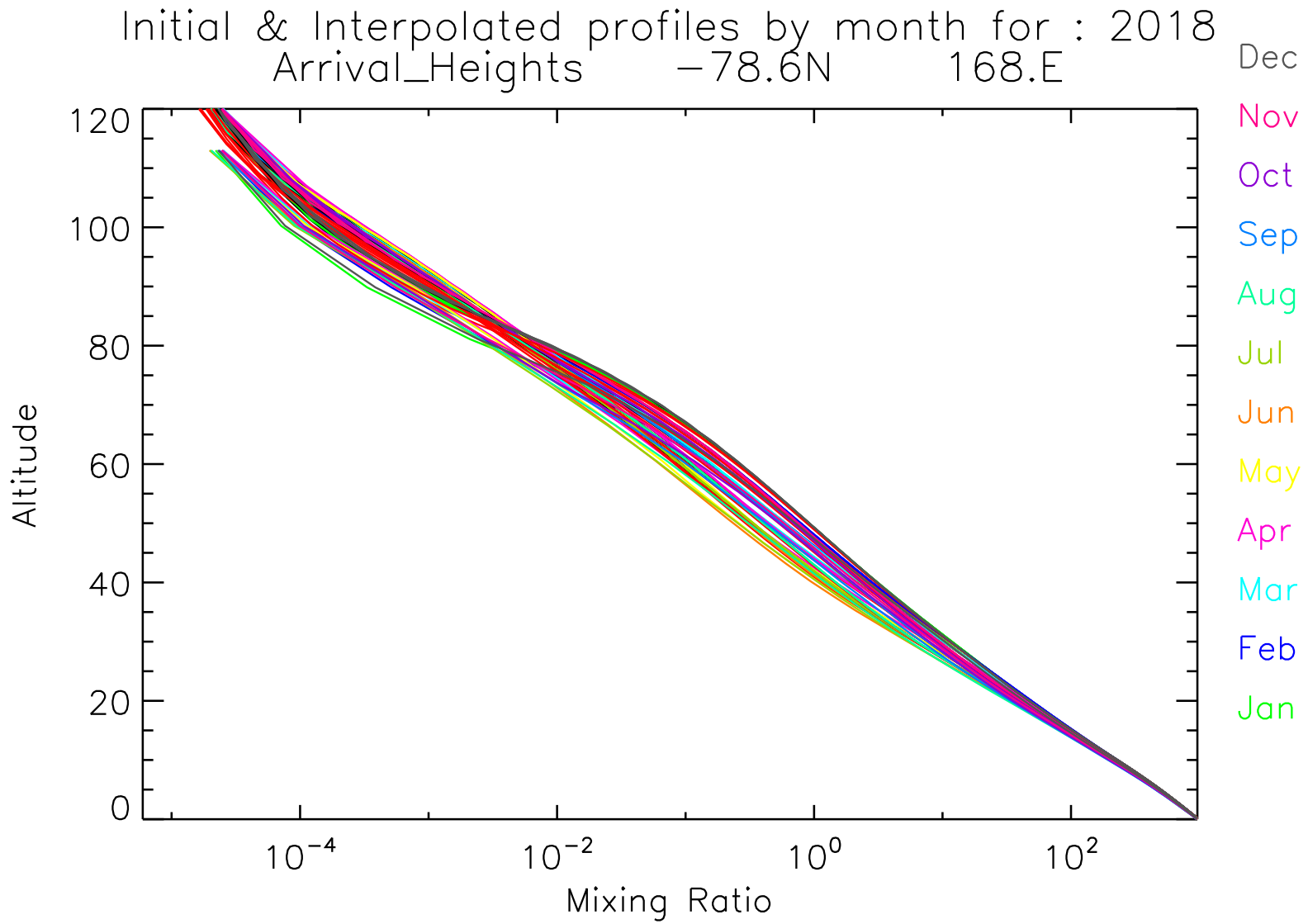
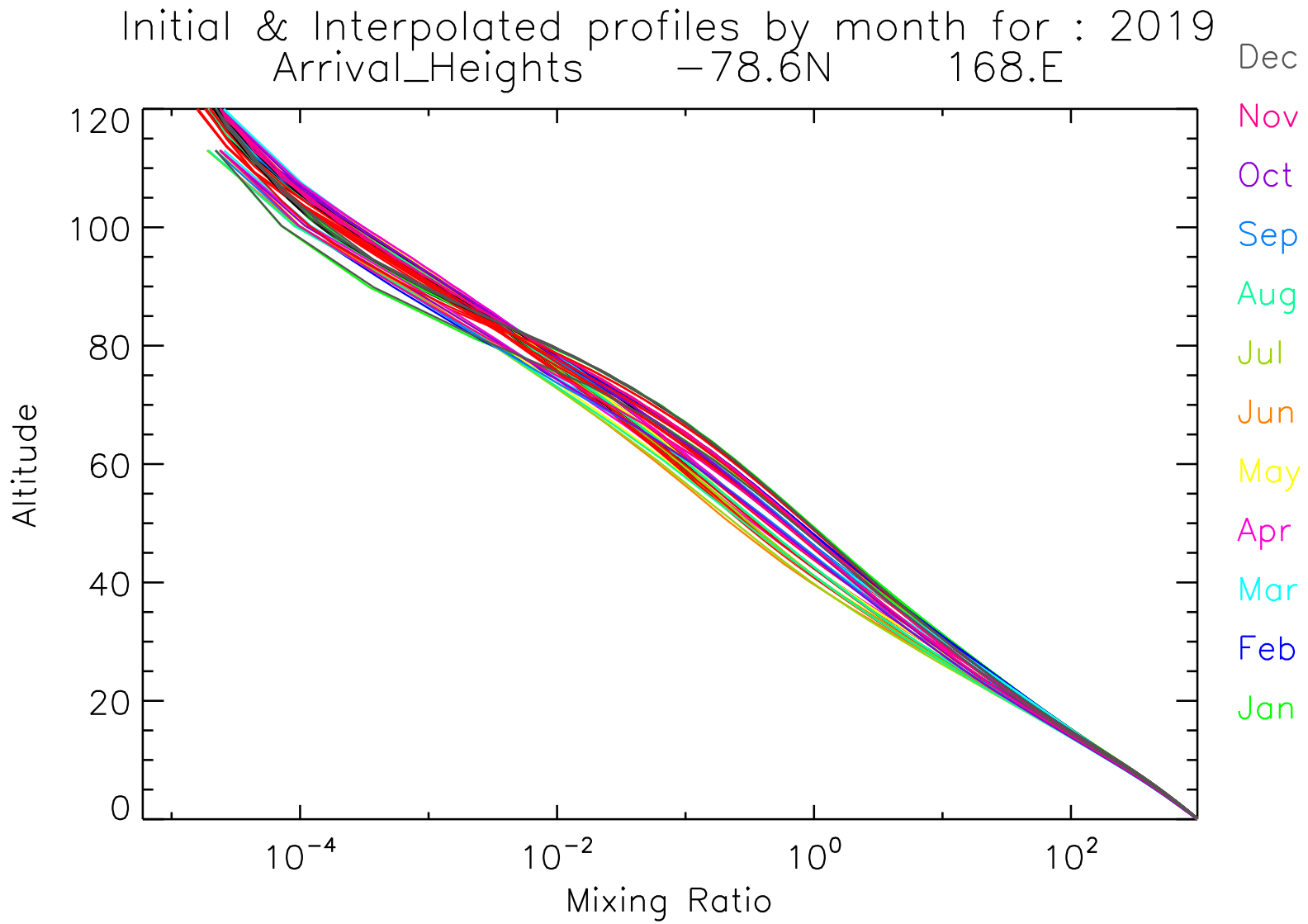
Feb
Jan

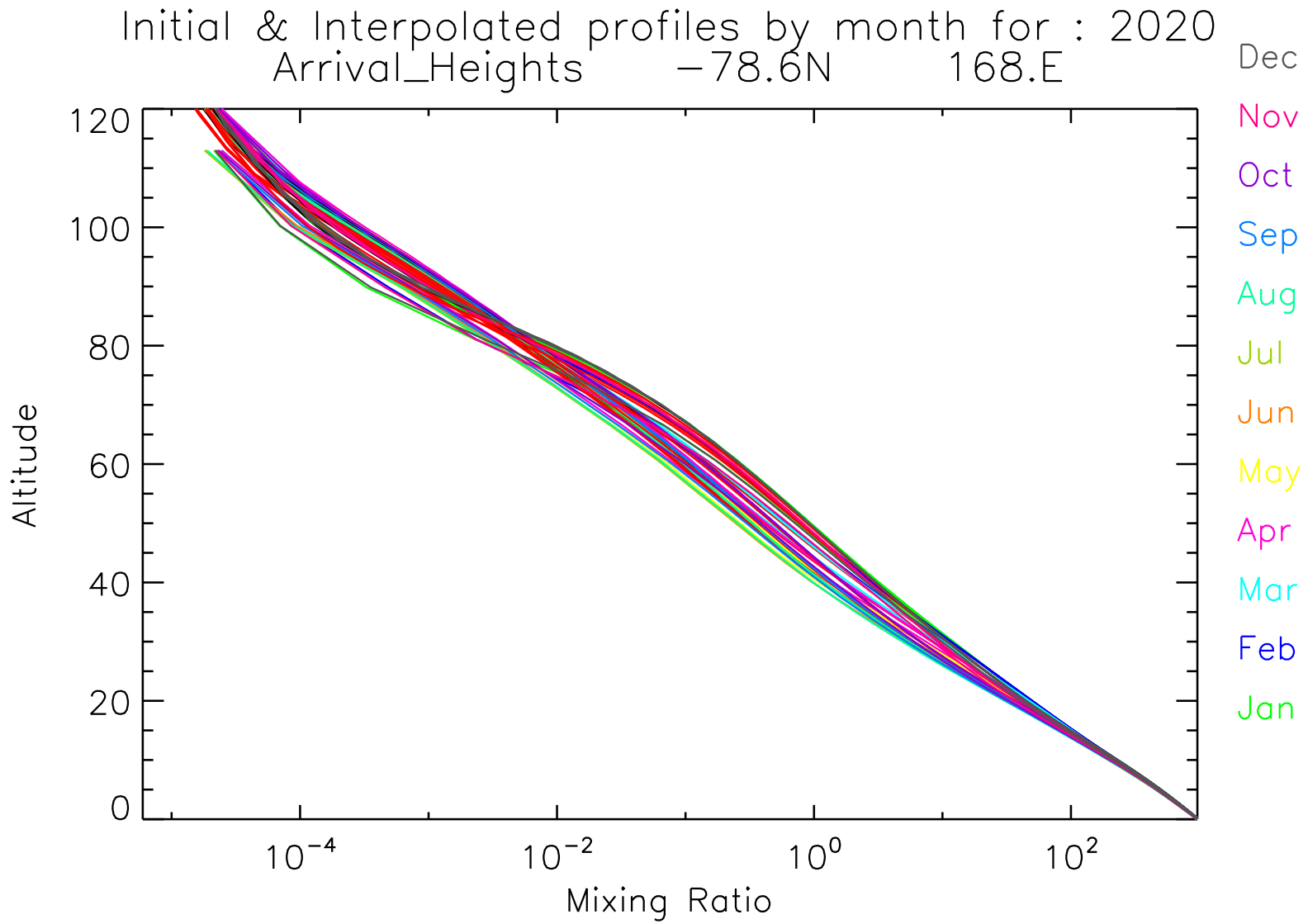

Initial & Interpolated profiles by month for : 2015
Arrival_Heights −78.6N 168.E
Altitude
120
100
80
60
40
20
0
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

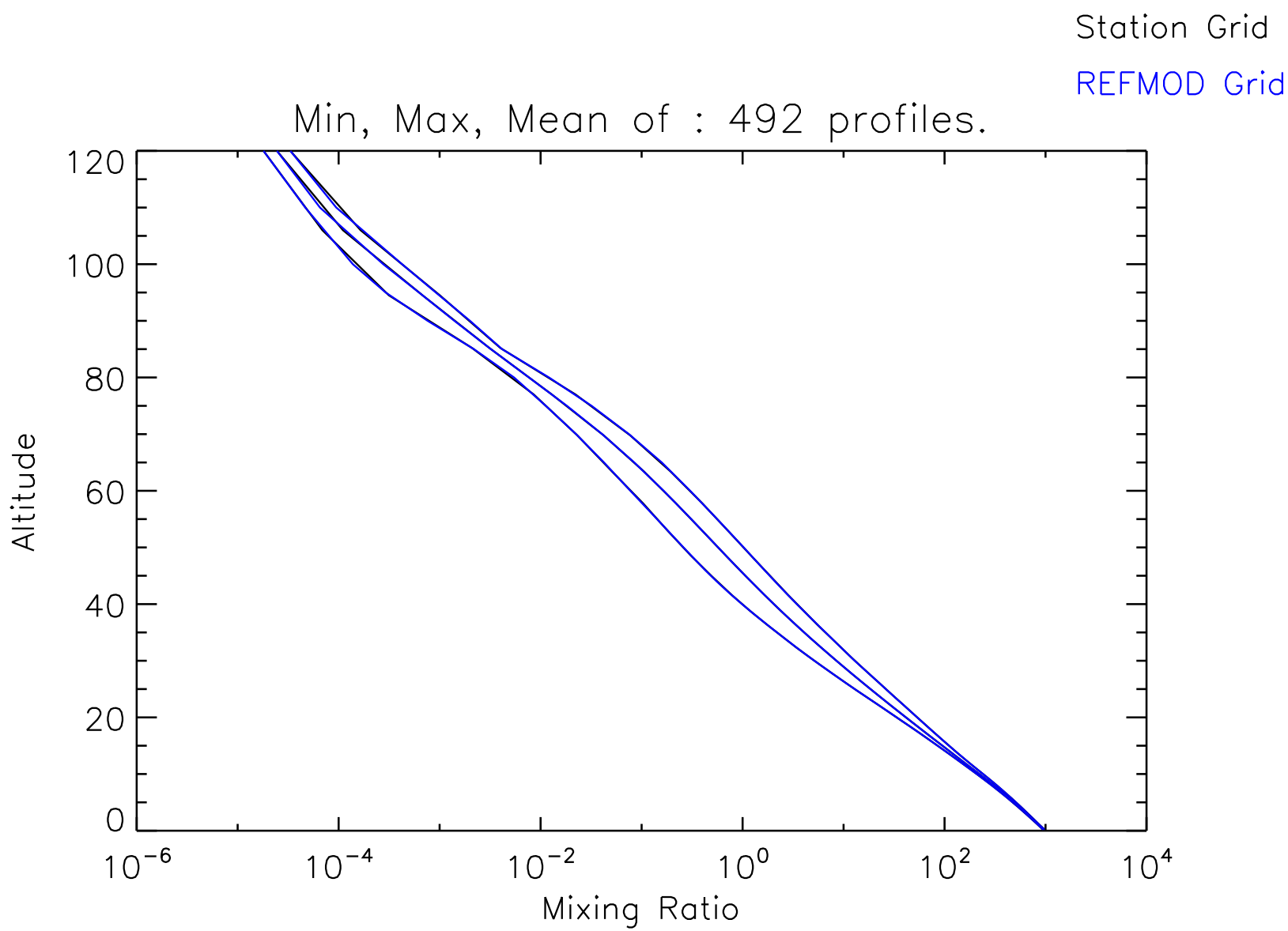

Initial & Interpolated profiles by month for : 2016
Arrival_Heights −78.6N 168.E
Dec
Nov
Oct
Sep
Aug
120
100
80
60
40
20
0
Altitude
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio

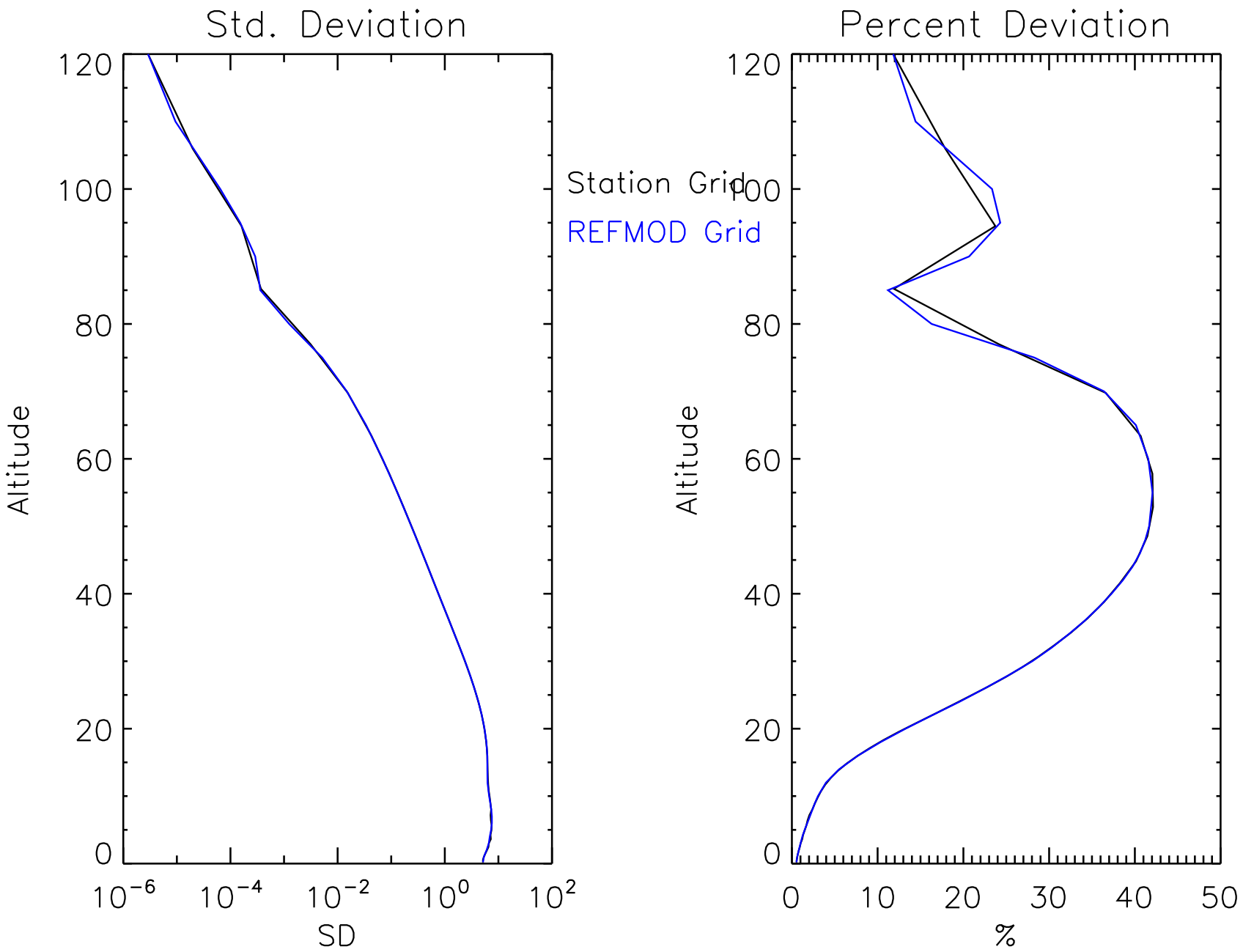

Initial & Interpolated profiles by month for : 2017
Arrival_Heights −78.6N 168.E
Altitude
120
100
80
60
40
20
0
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

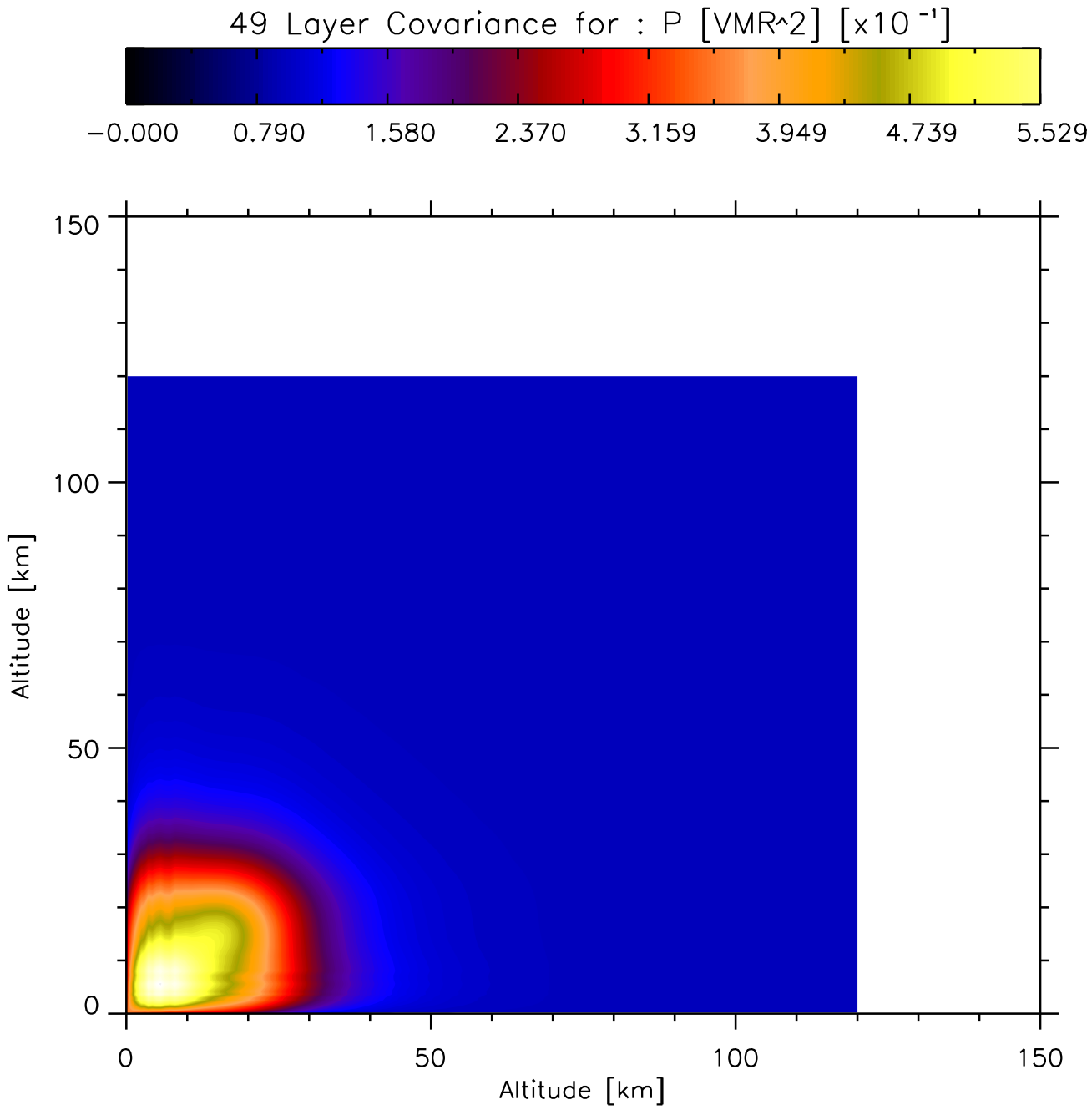

Initial & Interpolated profiles by month for : 2018
Arrival_Heights −78.6N 168.E
Altitude
120
100
80
60
40
20
0
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

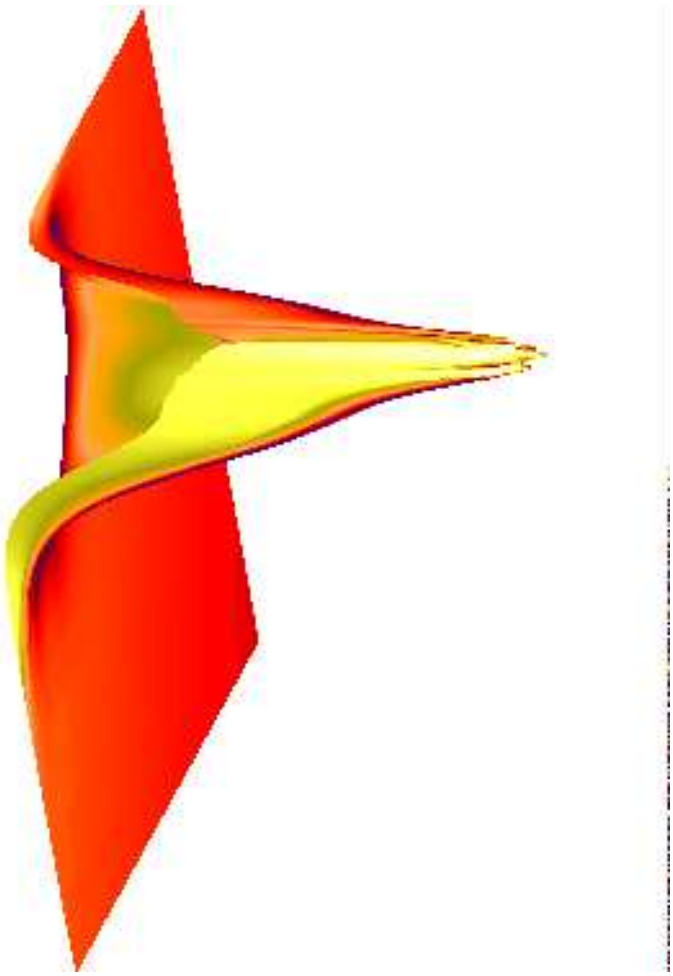

Initial & Interpolated profiles by month for : 2019
Arrival_Heights −78.6N 168.E
Altitude
120
100
80
60
40
20
0
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan


Initial & Interpolated profiles by month for : 2020
Arrival_Heights −78.6N 168.E
Altitude
120
100
80
60
40
20
0
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan


Station Grid
REFMOD Grid
Min, Max, Mean of : 492 profiles.
120
100
80
60
40
20
0
Altitude
10^{-6}
10^{-4}
10^{-2}
10^{0}
10^{2}
10^{4}
Mixing Ratio


Std. Deviation
Percent Deviation
Station Grid
REFMOD Grid
Altitude
Altitude
SD
%
120
100
80
60
40
20
0
10^{-6}
10^{-4}
10^{-2}
10^{0}
10^{2}
0
10
20
30
40
50


49 Layer Covariance for : P [VMR^2] [x10 -1]
−0.000
0.790
1.580
2.370
3.159
3.949
4.739
5.529
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]



48 Level Covariance for : P [VMR^2] [x10^-1]
-150
0
2
4
6
Y Altitude
100
50
0
0
50
X Altitude
100
150