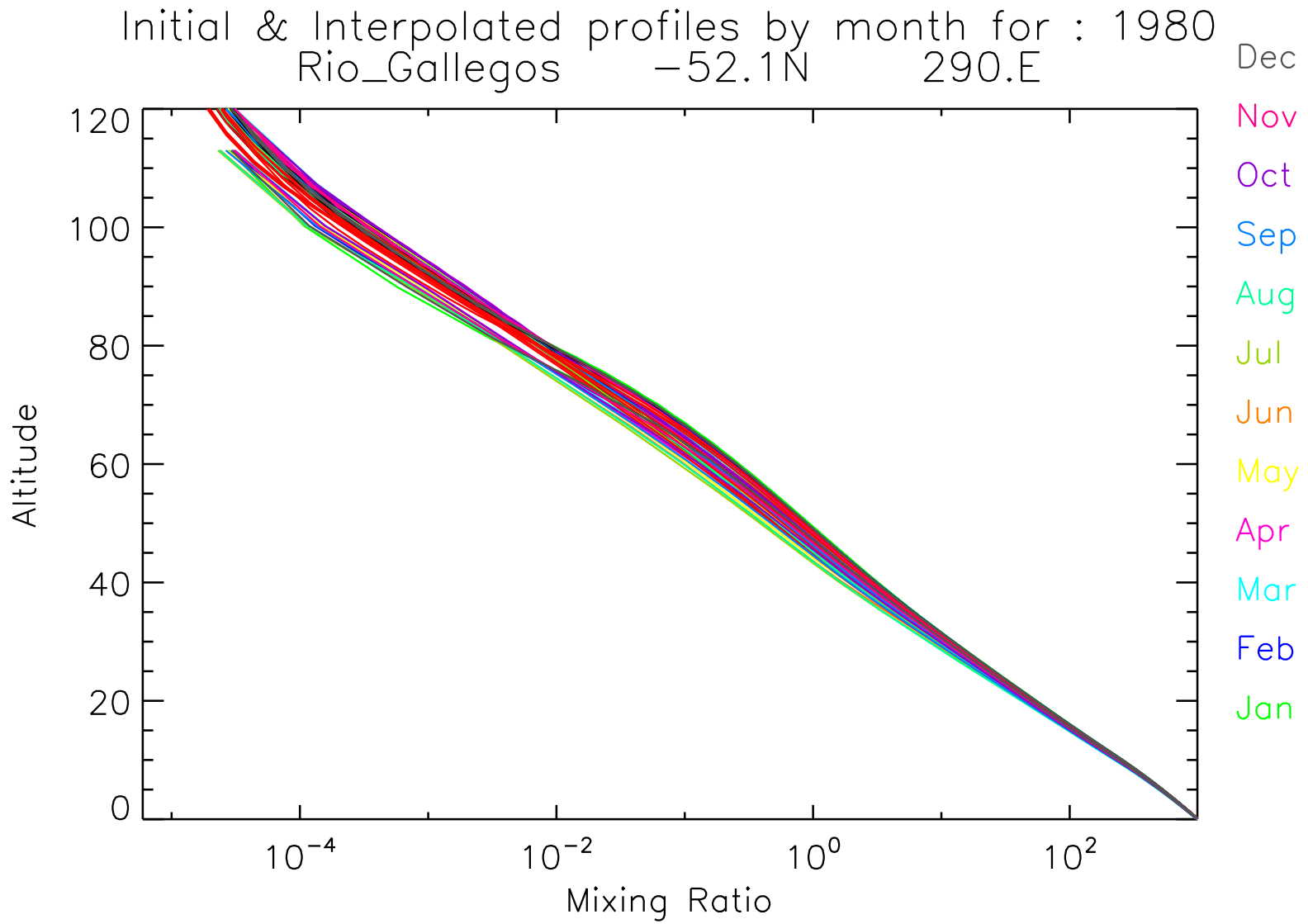
Initial & Interpolated profiles by month for : 1980
Rio_Gallegos −52.1N 290.E
Altitude
120
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Mixing Ratio
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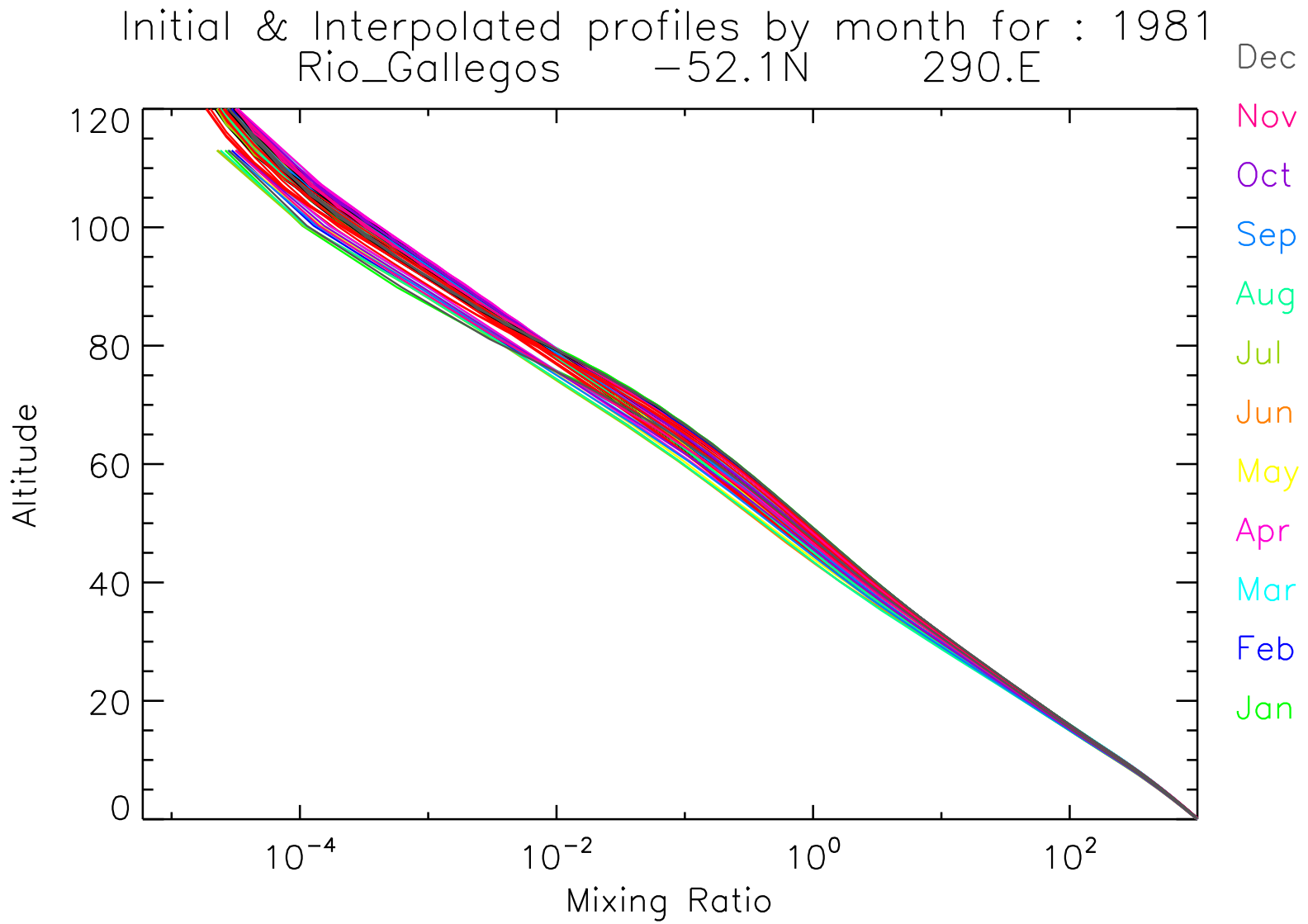
Initial & Interpolated profiles by month for : 1981
Rio_Gallegos −52.1N 290.E
Altitude
120
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Mixing Ratio
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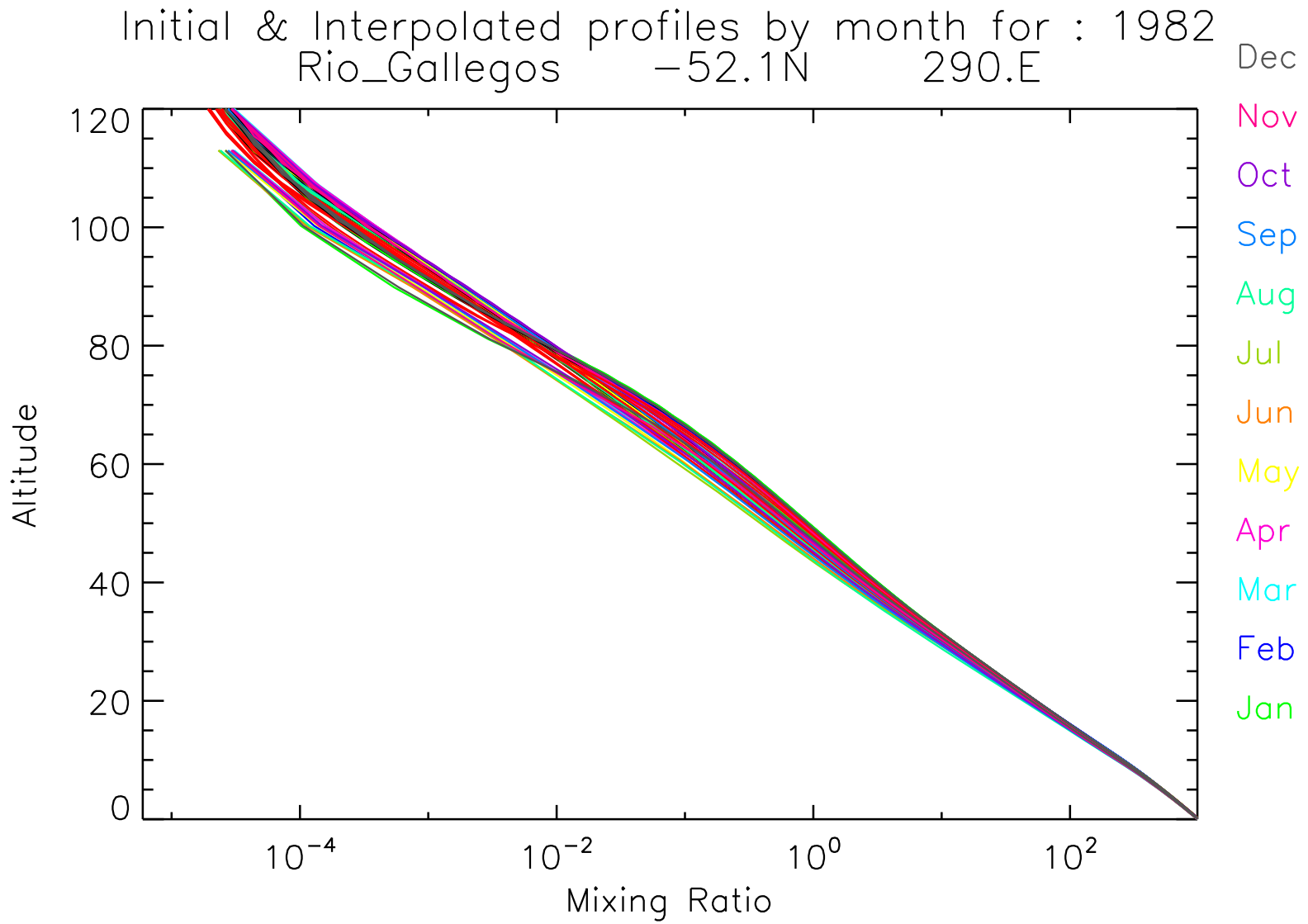
Initial & Interpolated profiles by month for : 1982
Rio_Gallegos −52.1N 290.E
Altitude
120
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Mixing Ratio
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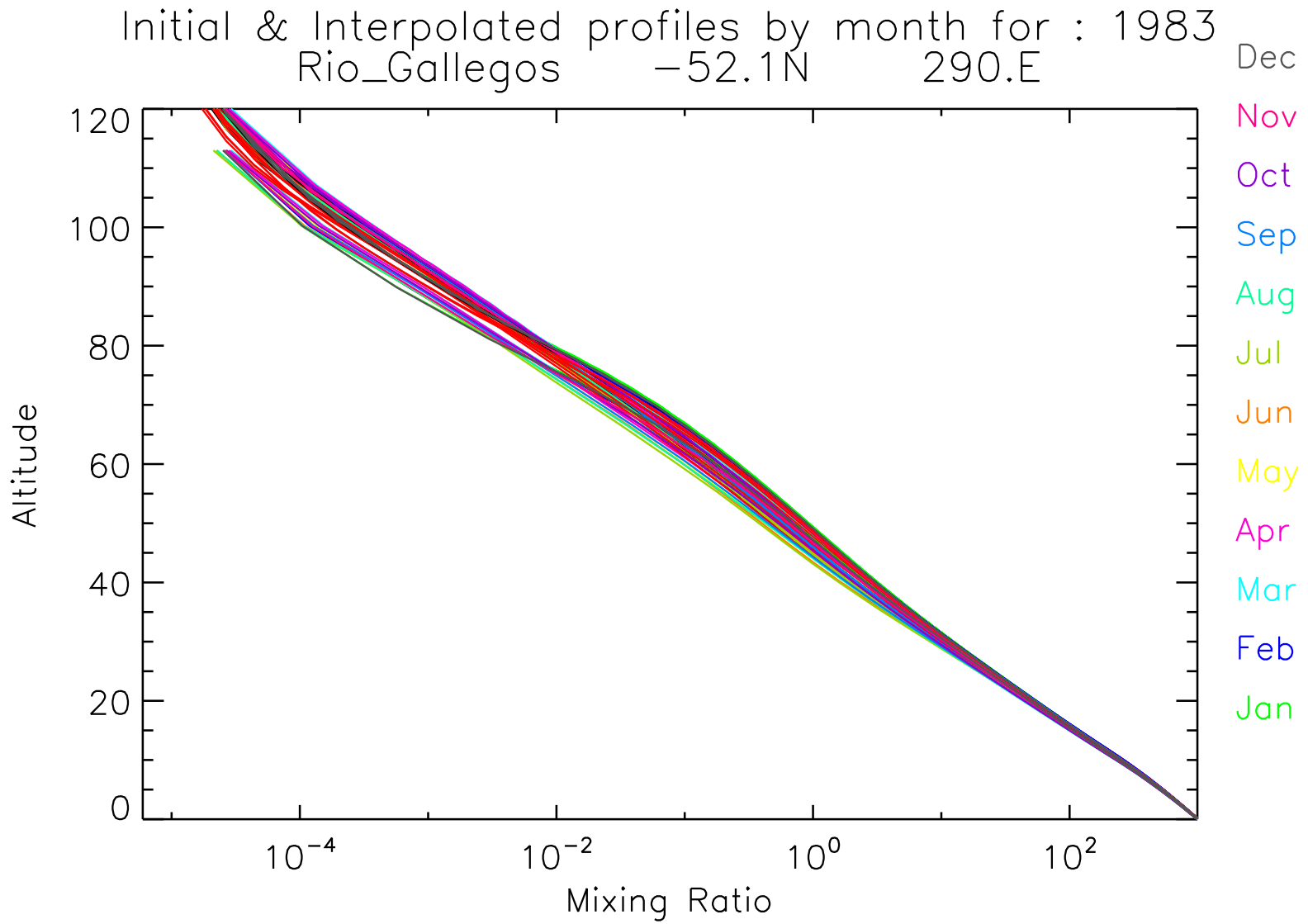
Initial & Interpolated profiles by month for : 1983
Rio_Gallegos −52.1N 290.E
Altitude
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Mixing Ratio
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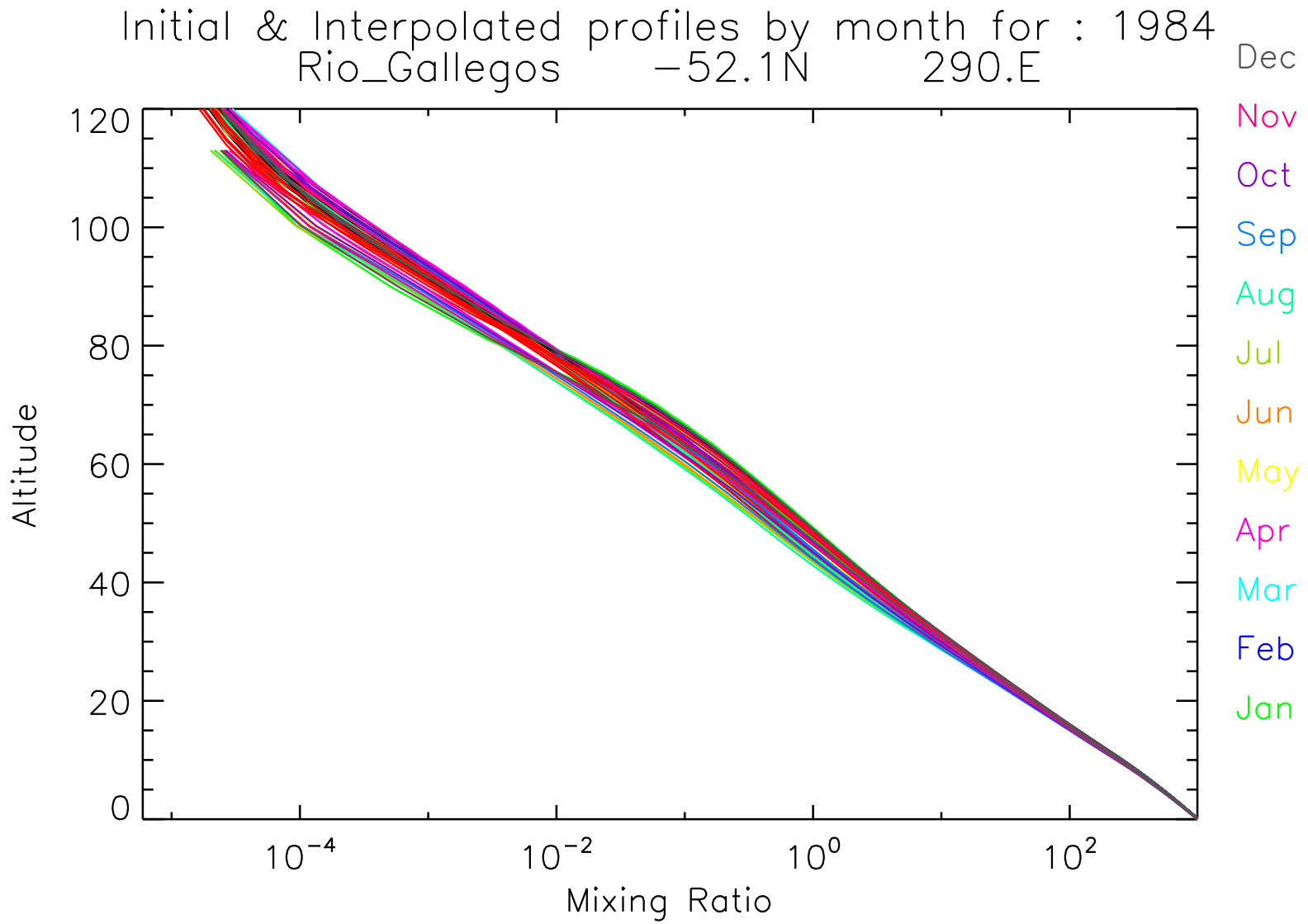
Initial & Interpolated profiles by month for : 1984
Rio_Gallegos −52.1N 290.E
Altitude
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Mixing Ratio
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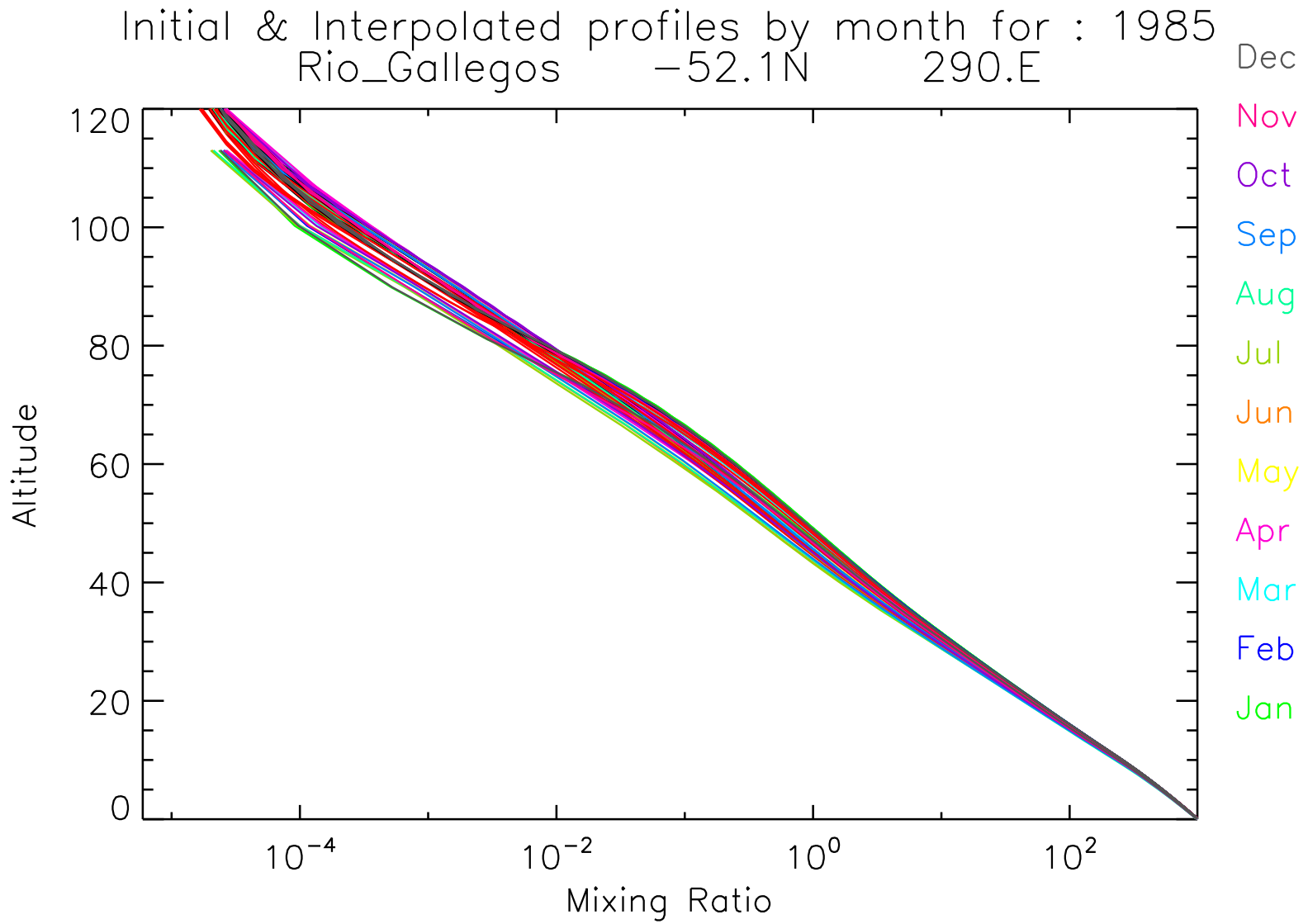
Initial & Interpolated profiles by month for : 1985
Rio_Gallegos −52.1N 290.E
Altitude
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Mixing Ratio
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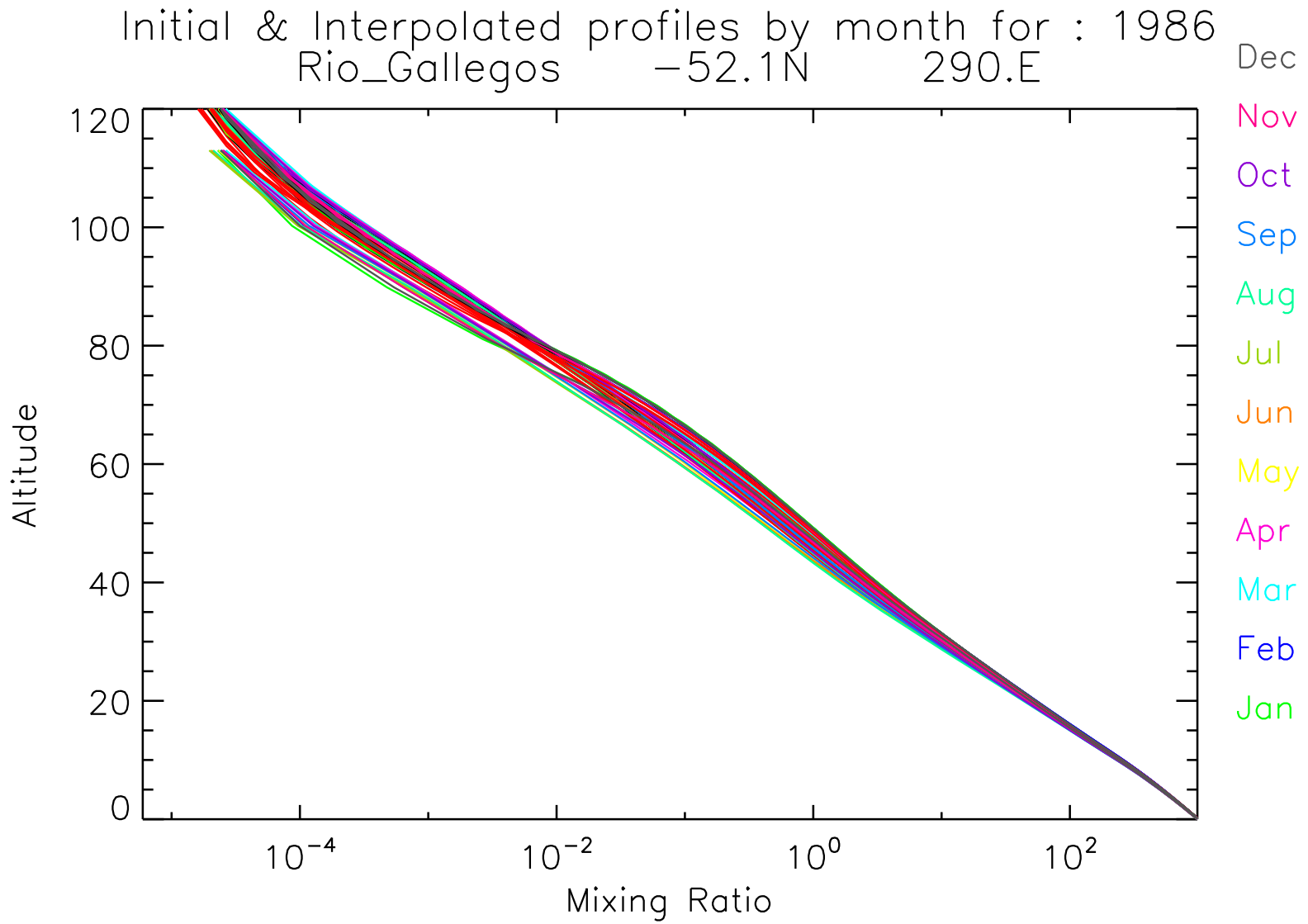
Initial & Interpolated profiles by month for : 1986
Rio_Gallegos −52.1N 290.E
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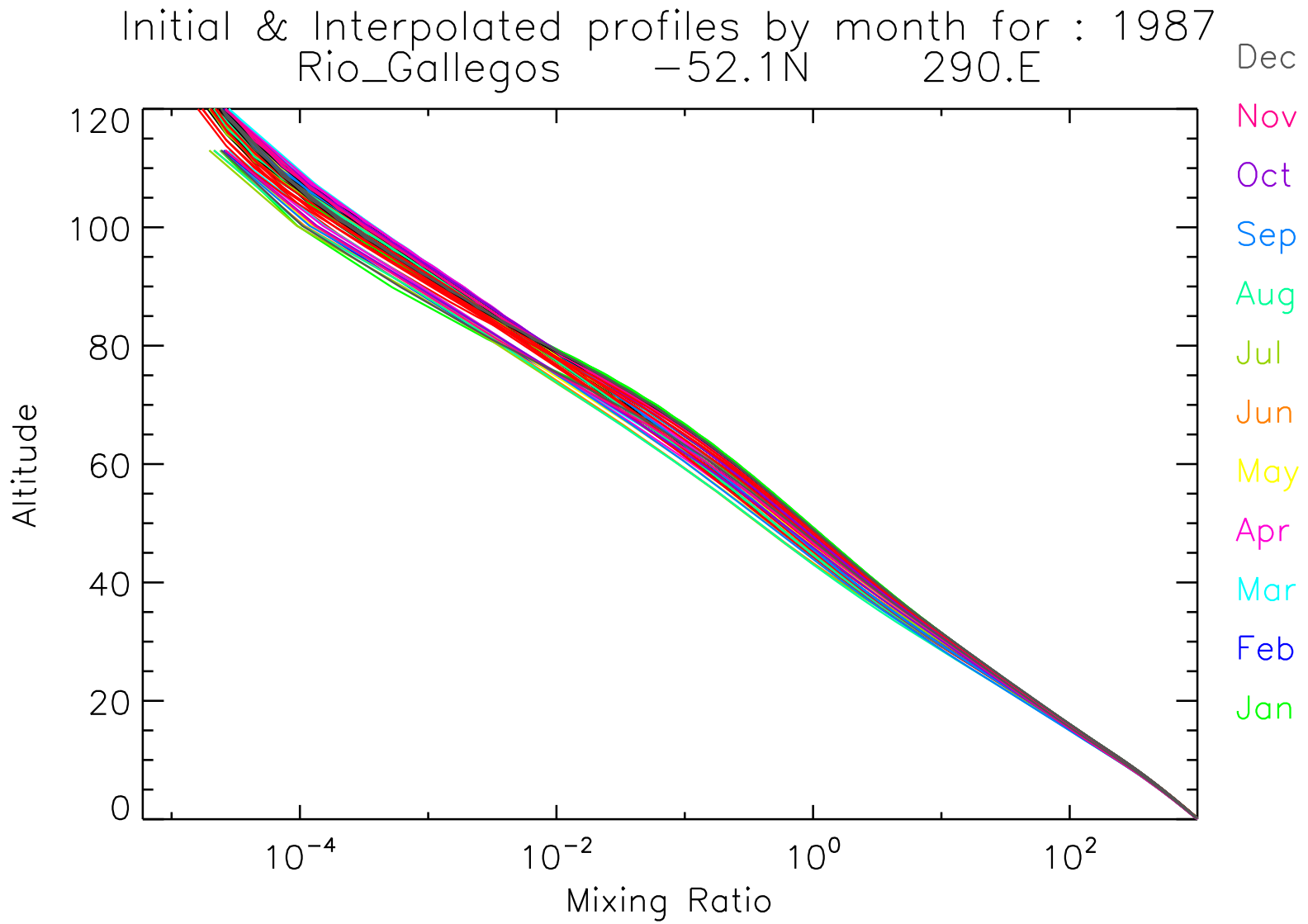
10^{2}
Mixing Ratio


Initial & Interpolated profiles by month for : 1987
Rio_Gallegos −52.1N 290.E
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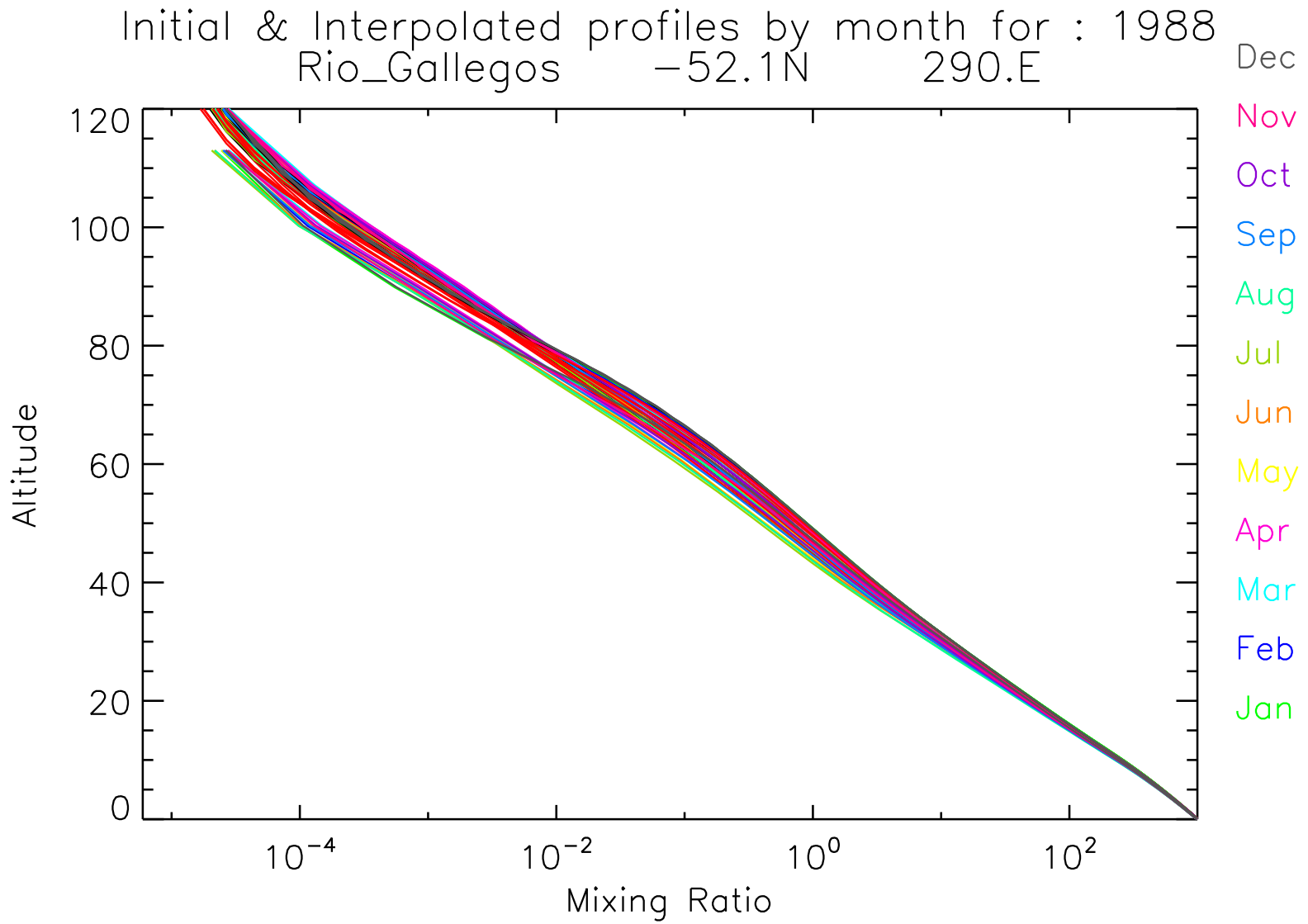
10^{2}
Mixing Ratio


Initial & Interpolated profiles by month for : 1988
Rio_Gallegos −52.1N 290.E
Altitude
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Mixing Ratio
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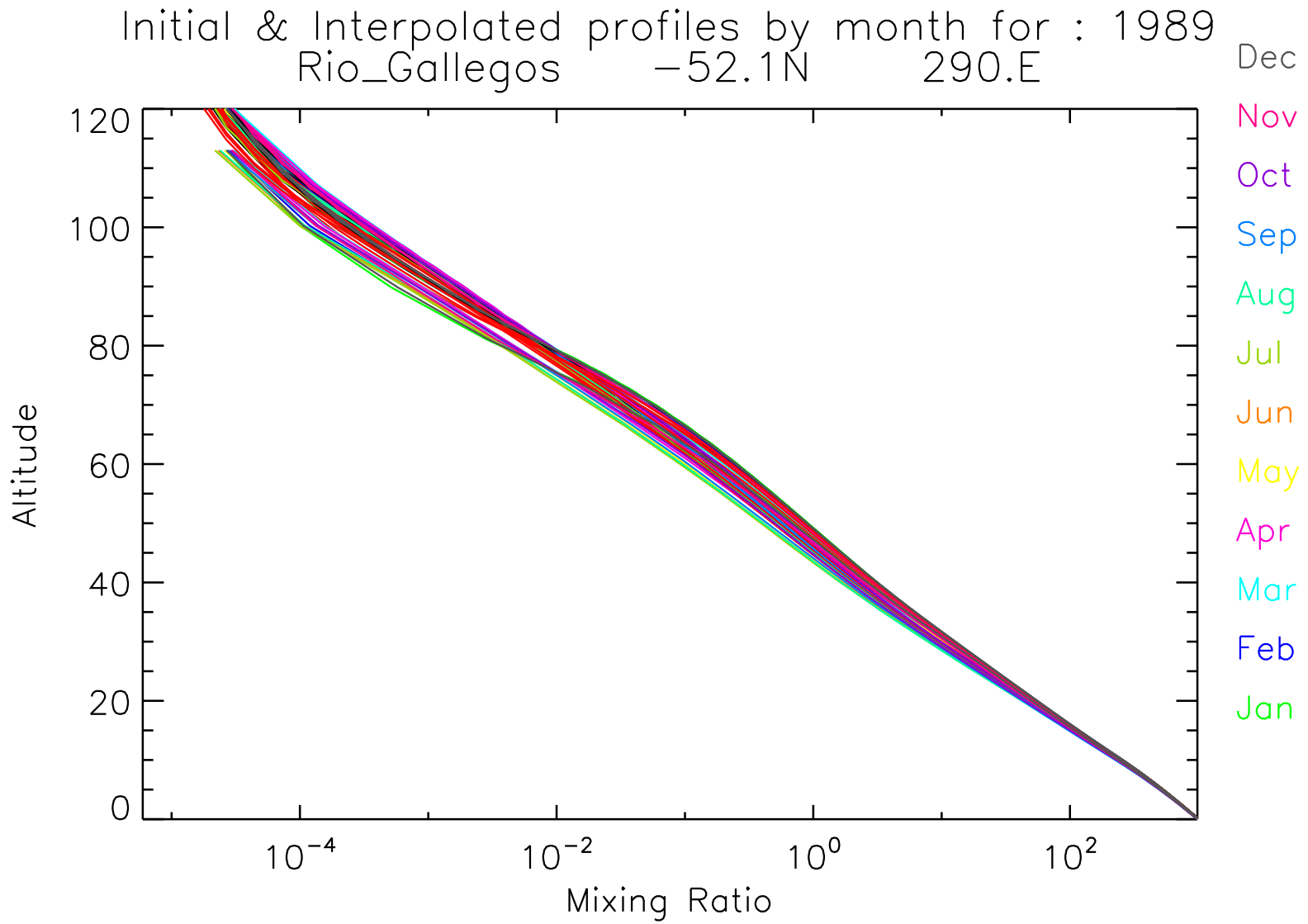
Initial & Interpolated profiles by month for : 1989
Rio_Gallegos −52.1N 290.E
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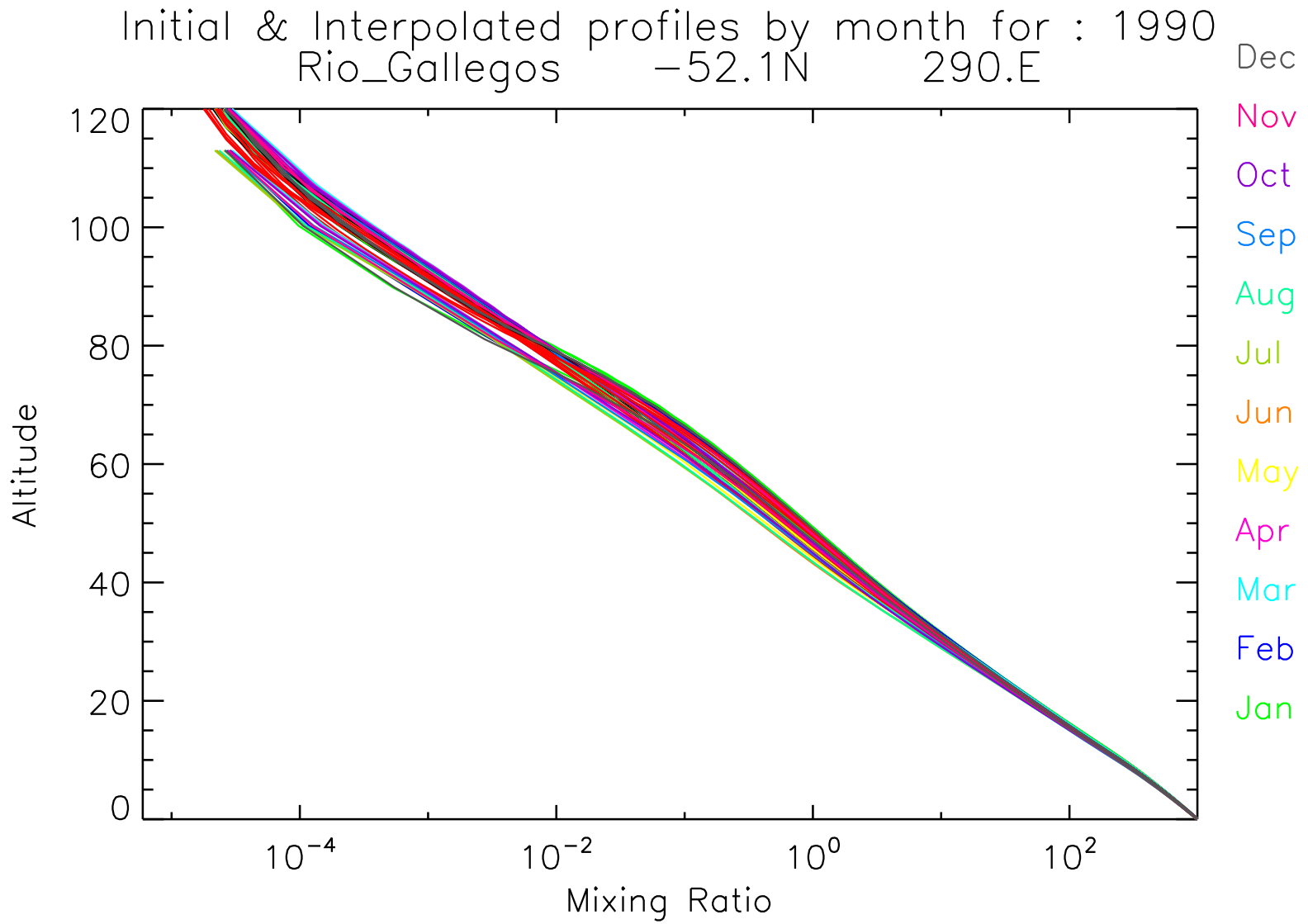
Initial & Interpolated profiles by month for : 1990
Rio_Gallegos −52.1N 290.E
Altitude
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Mixing Ratio
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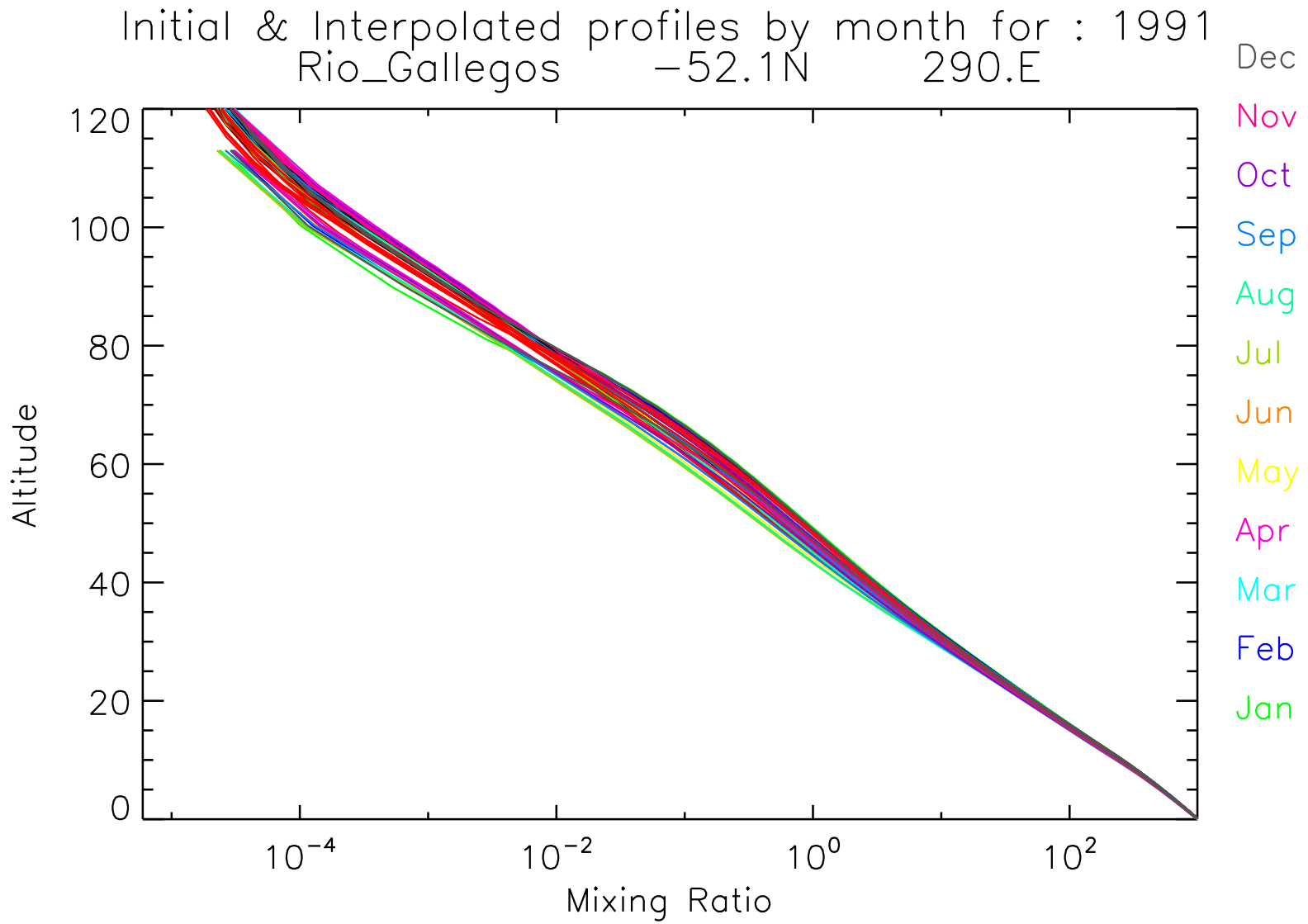
Initial & Interpolated profiles by month for : 1991
Rio_Gallegos −52.1N 290.E
Altitude
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Mixing Ratio
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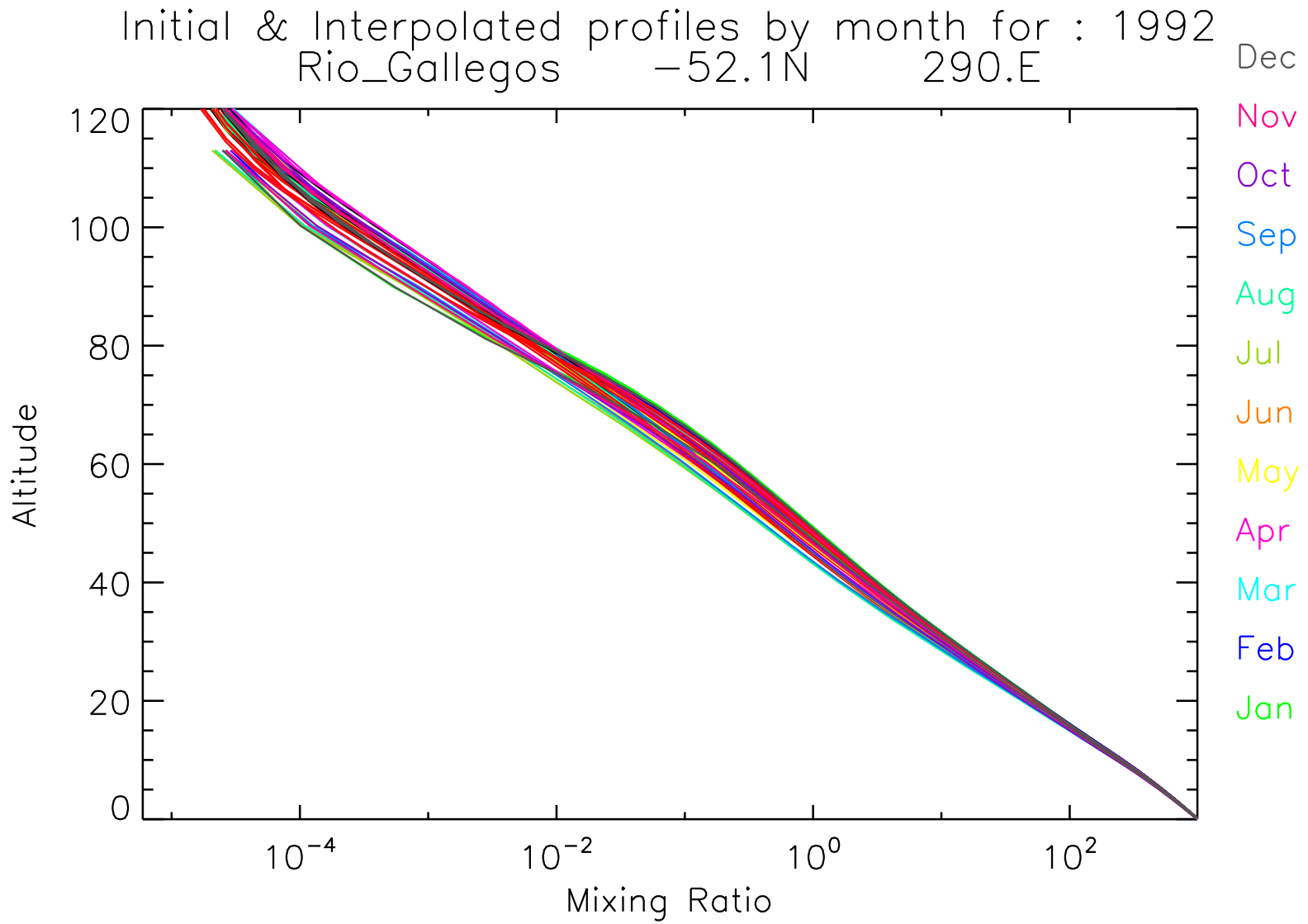
Initial & Interpolated profiles by month for : 1992
Rio_Gallegos −52.1N 290.E
Altitude
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Mixing Ratio
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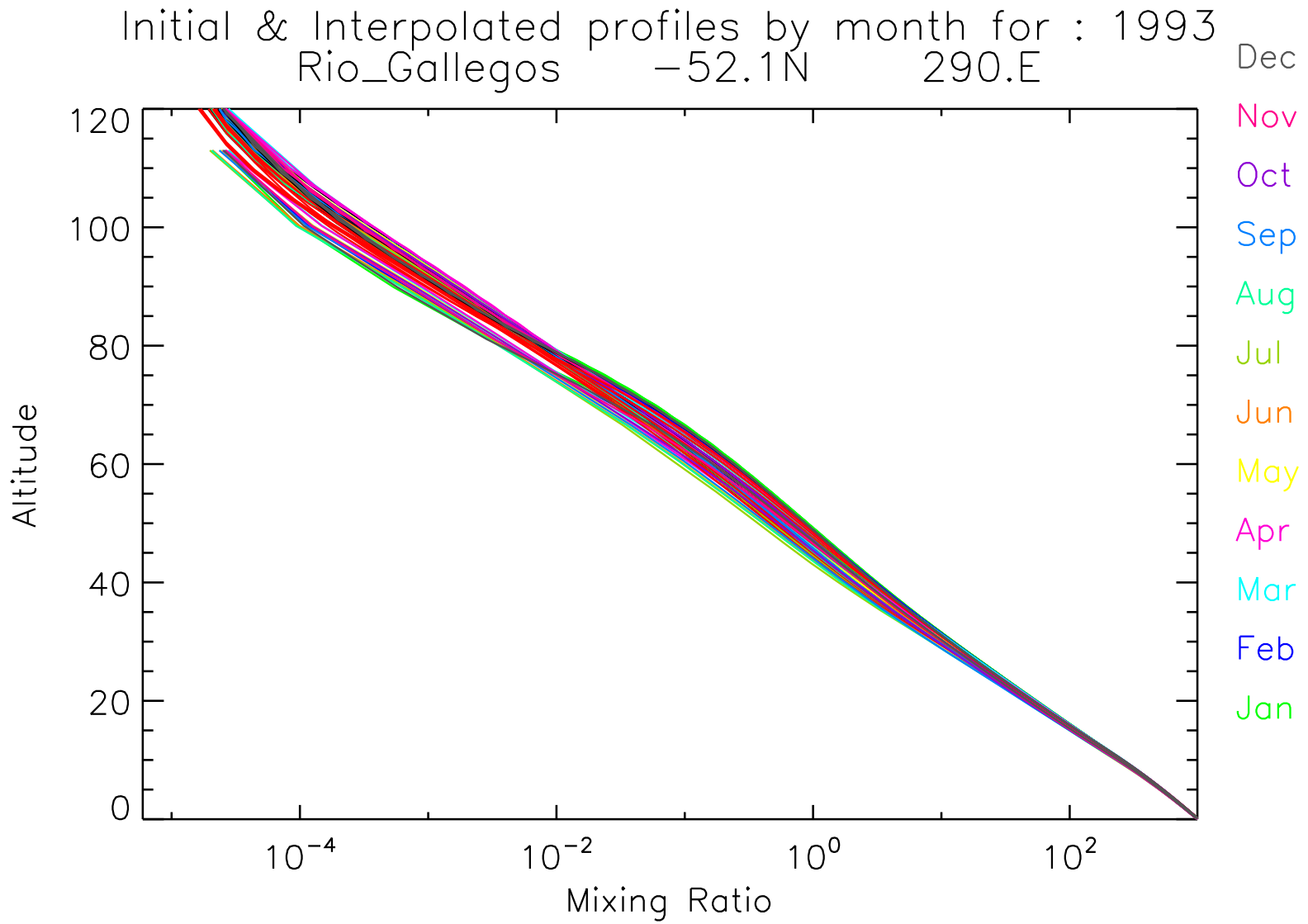
Initial & Interpolated profiles by month for : 1993
Rio_Gallegos −52.1N 290.E
Altitude
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Mixing Ratio
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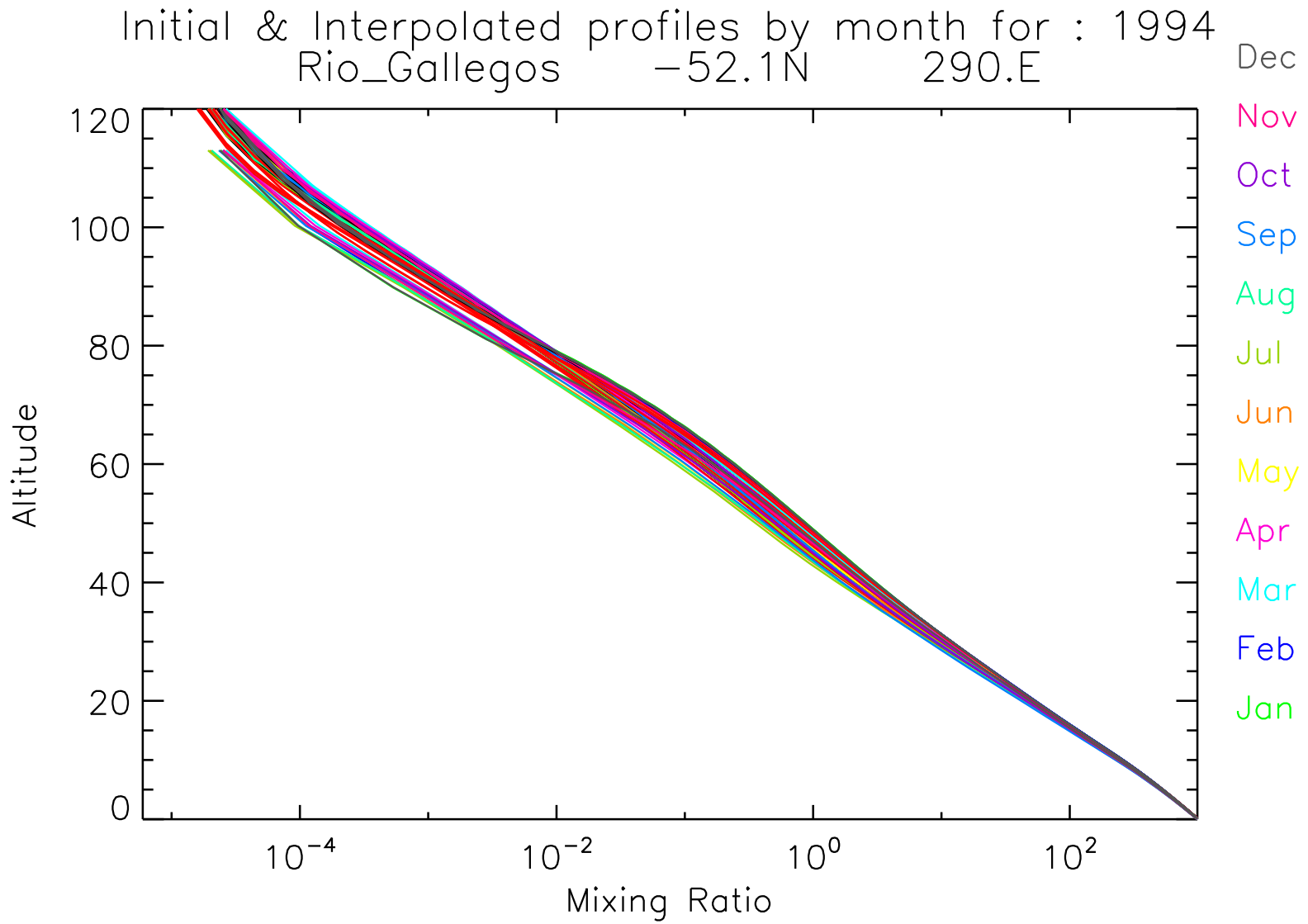
Initial & Interpolated profiles by month for : 1994
Rio_Gallegos −52.1N 290.E
Altitude
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Mixing Ratio
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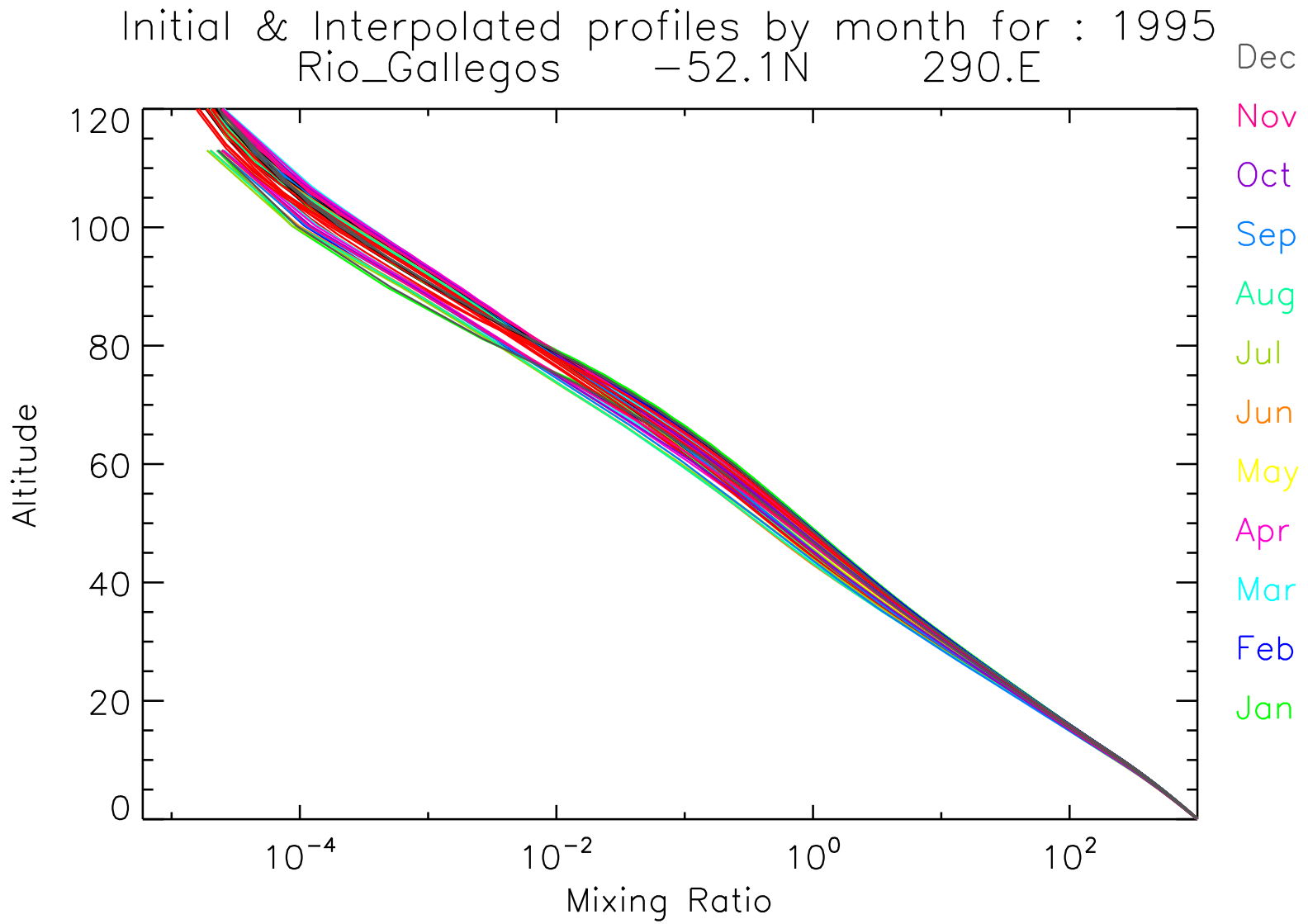
Initial & Interpolated profiles by month for : 1995
Rio_Gallegos −52.1N 290.E
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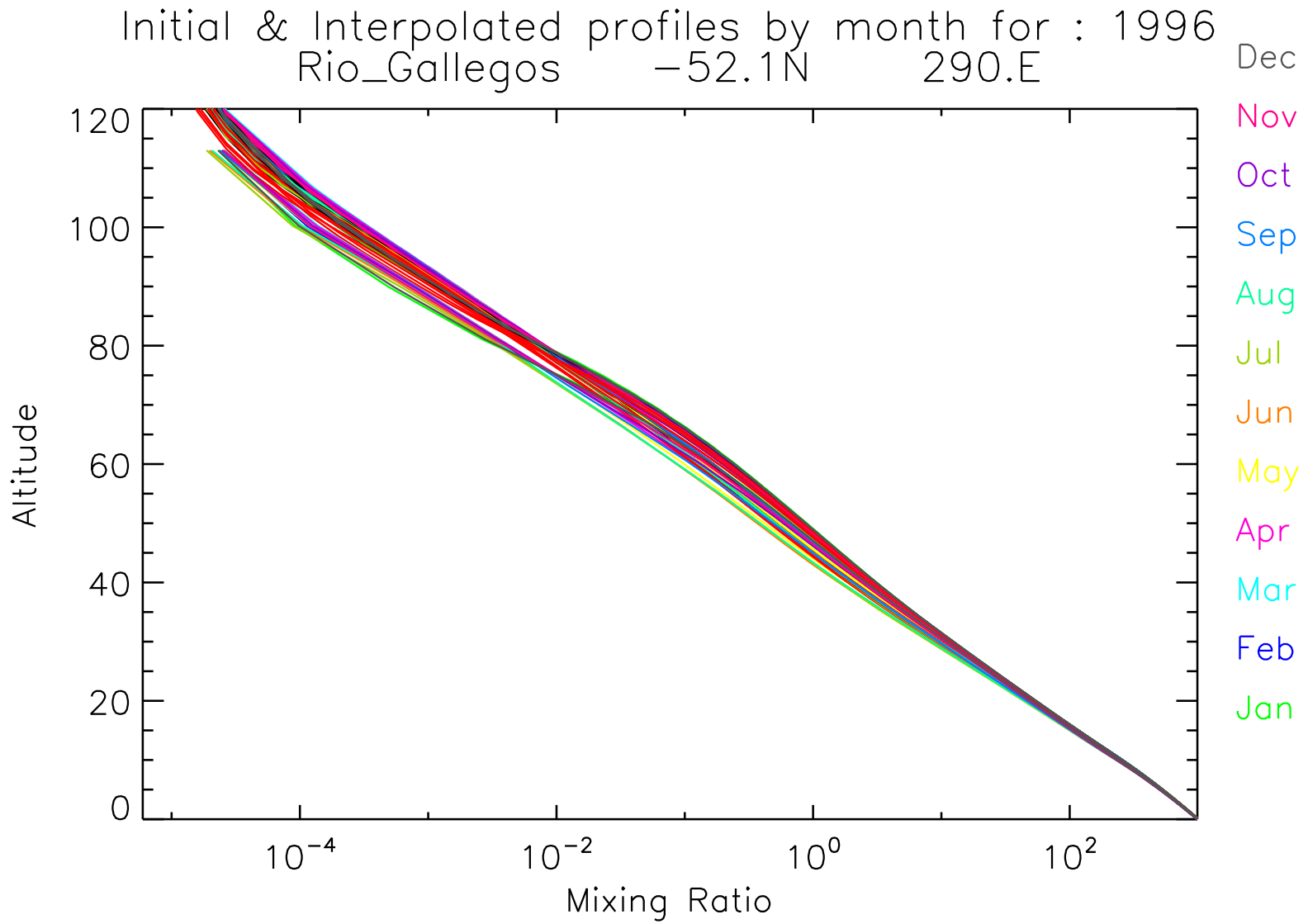
10^{2}
Mixing Ratio


Initial & Interpolated profiles by month for : 1996
Rio_Gallegos −52.1N 290.E
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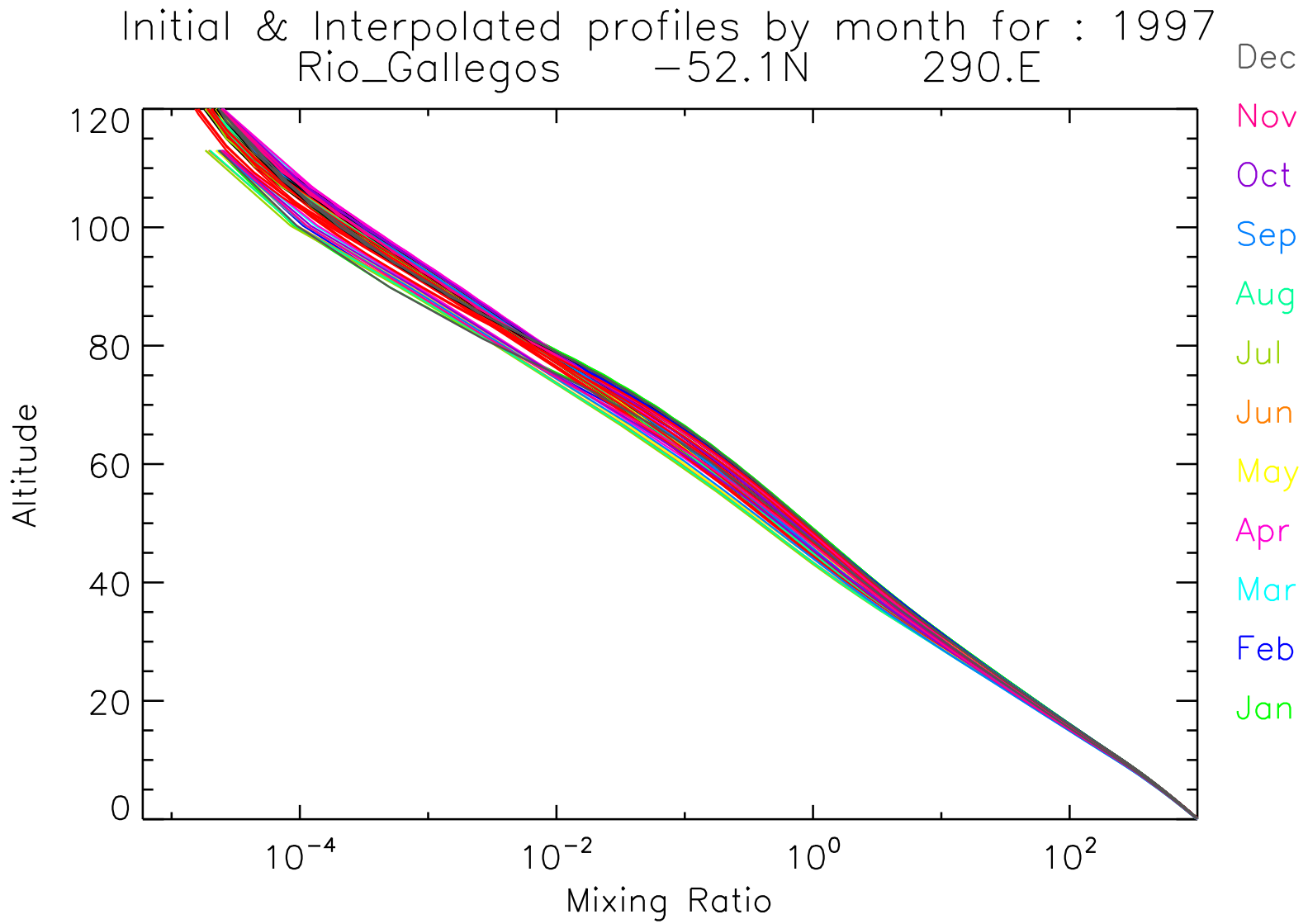
Mixing Ratio


Initial & Interpolated profiles by month for : 1997
Rio_Gallegos −52.1N 290.E
Altitude
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Mixing Ratio
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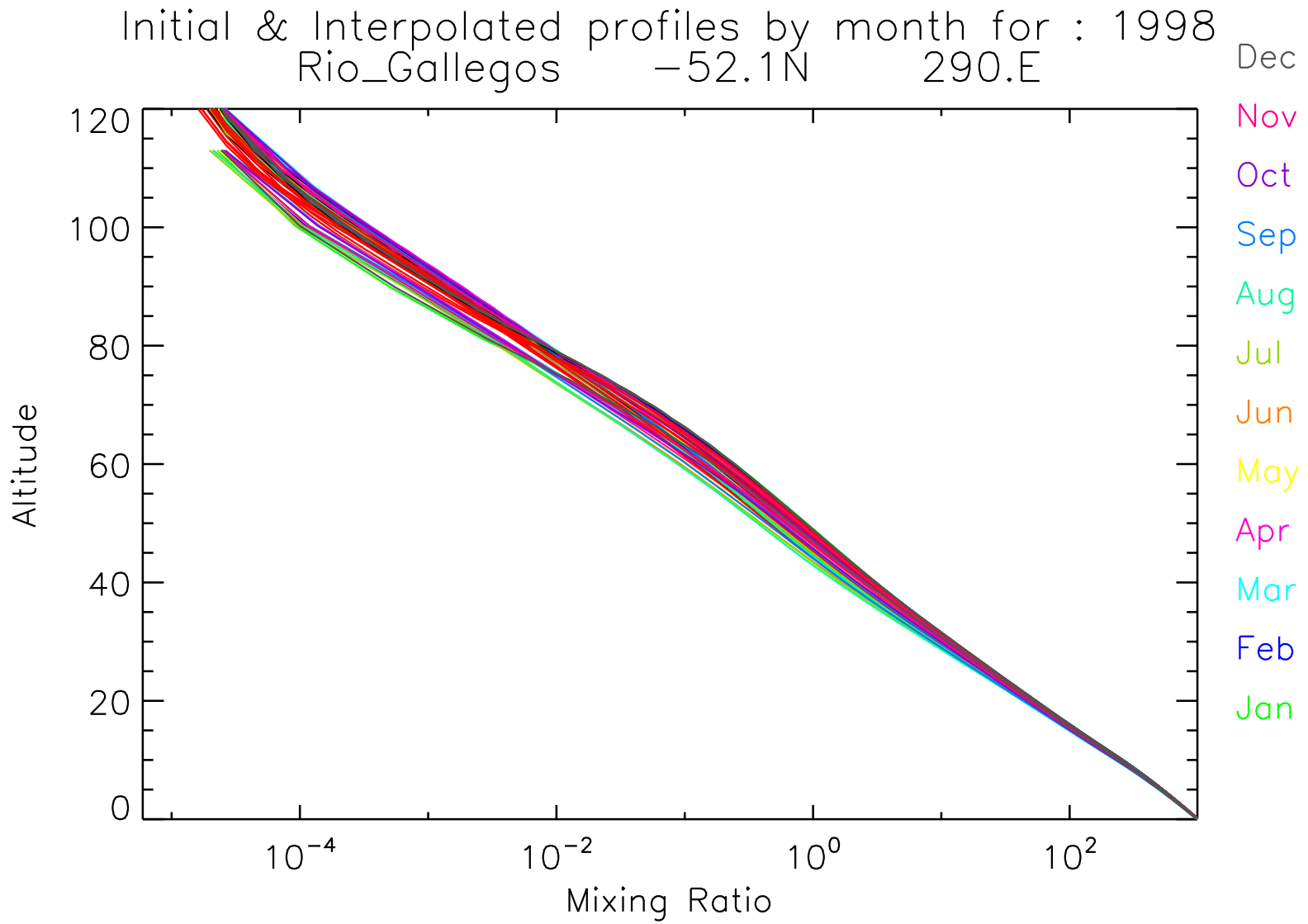
Initial & Interpolated profiles by month for : 1998
Rio_Gallegos −52.1N 290.E
Altitude
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Mixing Ratio
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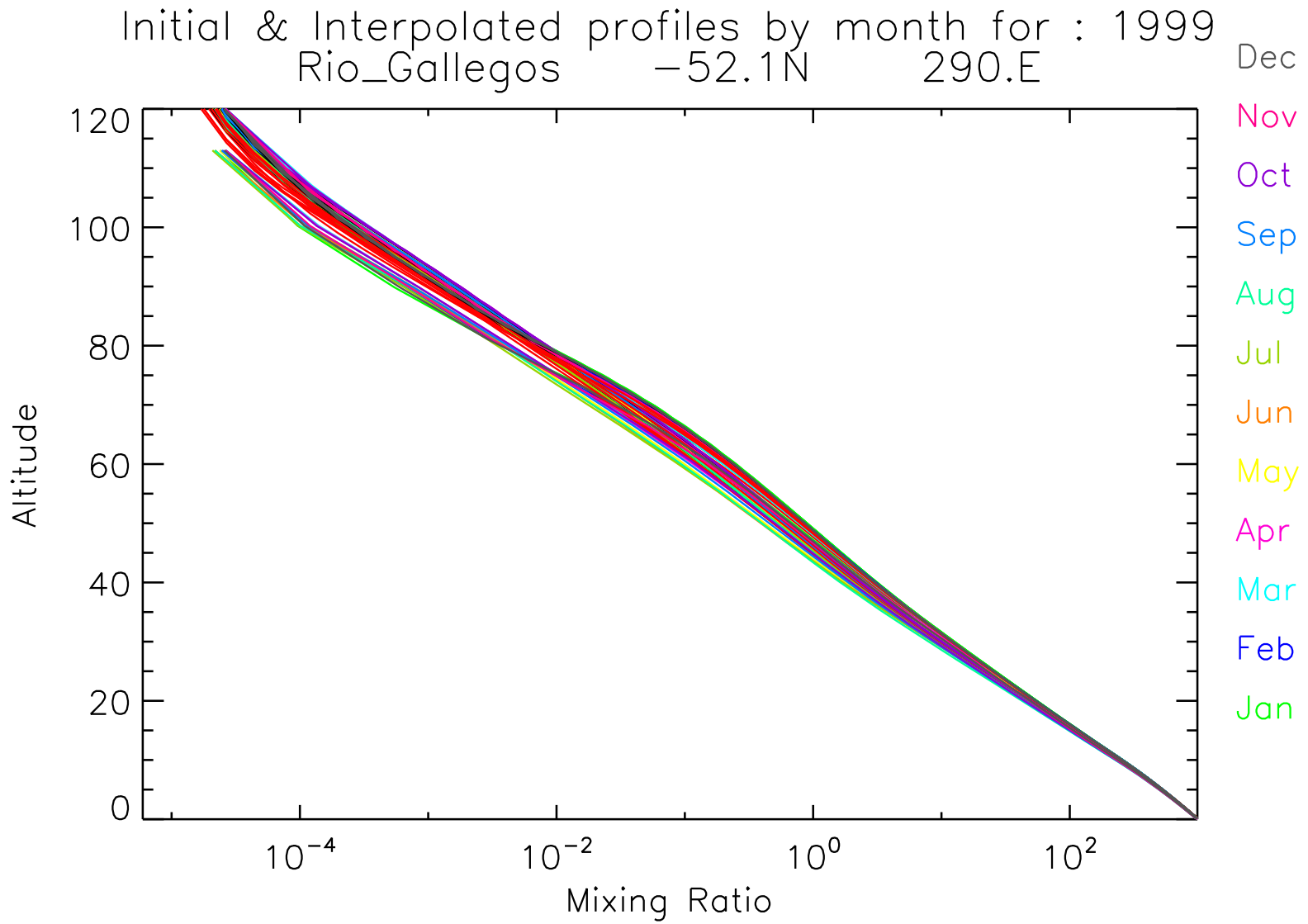
Initial & Interpolated profiles by month for : 1999
Rio_Gallegos −52.1N 290.E
Altitude
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Mixing Ratio
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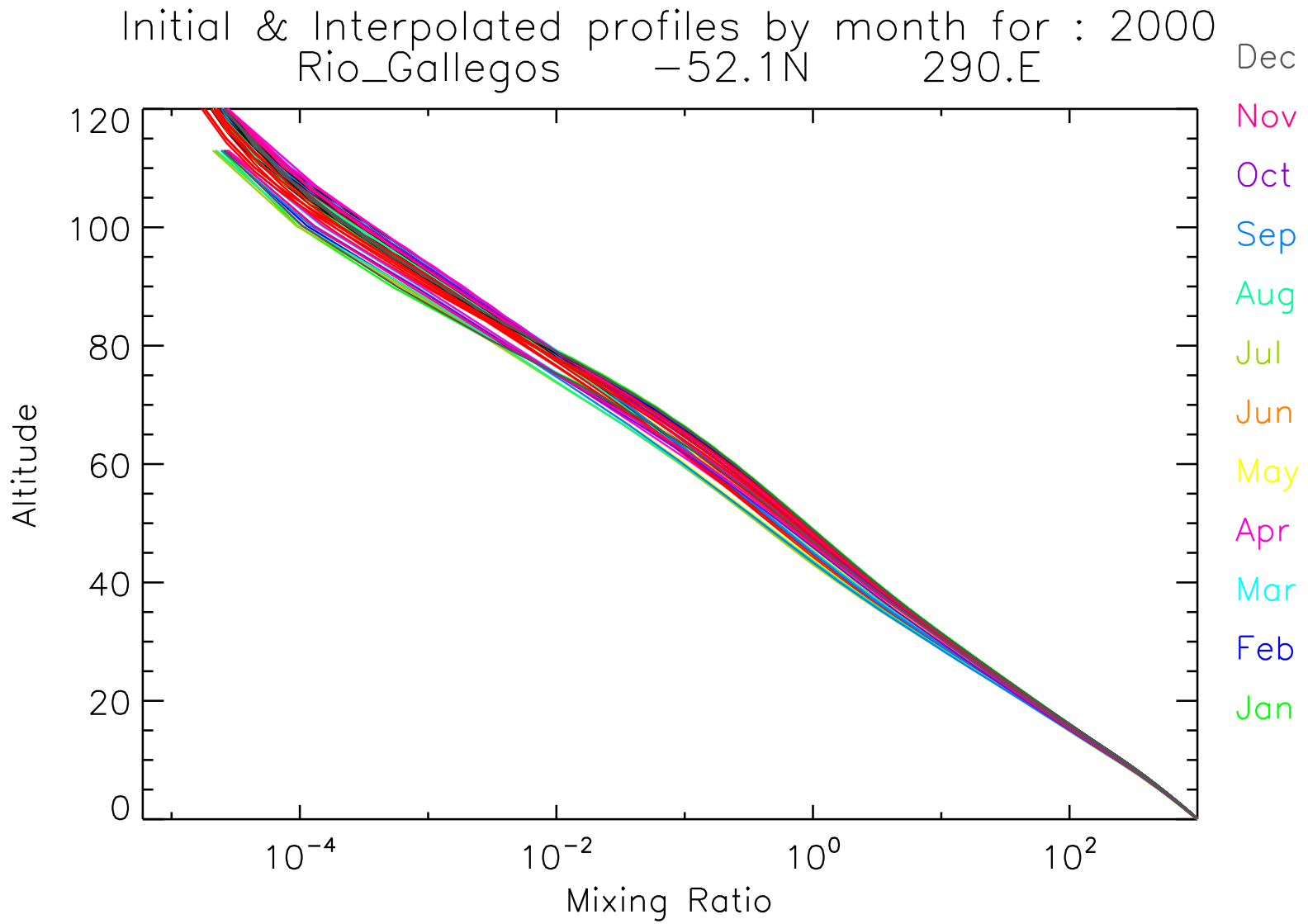
Initial & Interpolated profiles by month for : 2000
Rio_Gallegos −52.1N 290.E
Altitude
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Mixing Ratio
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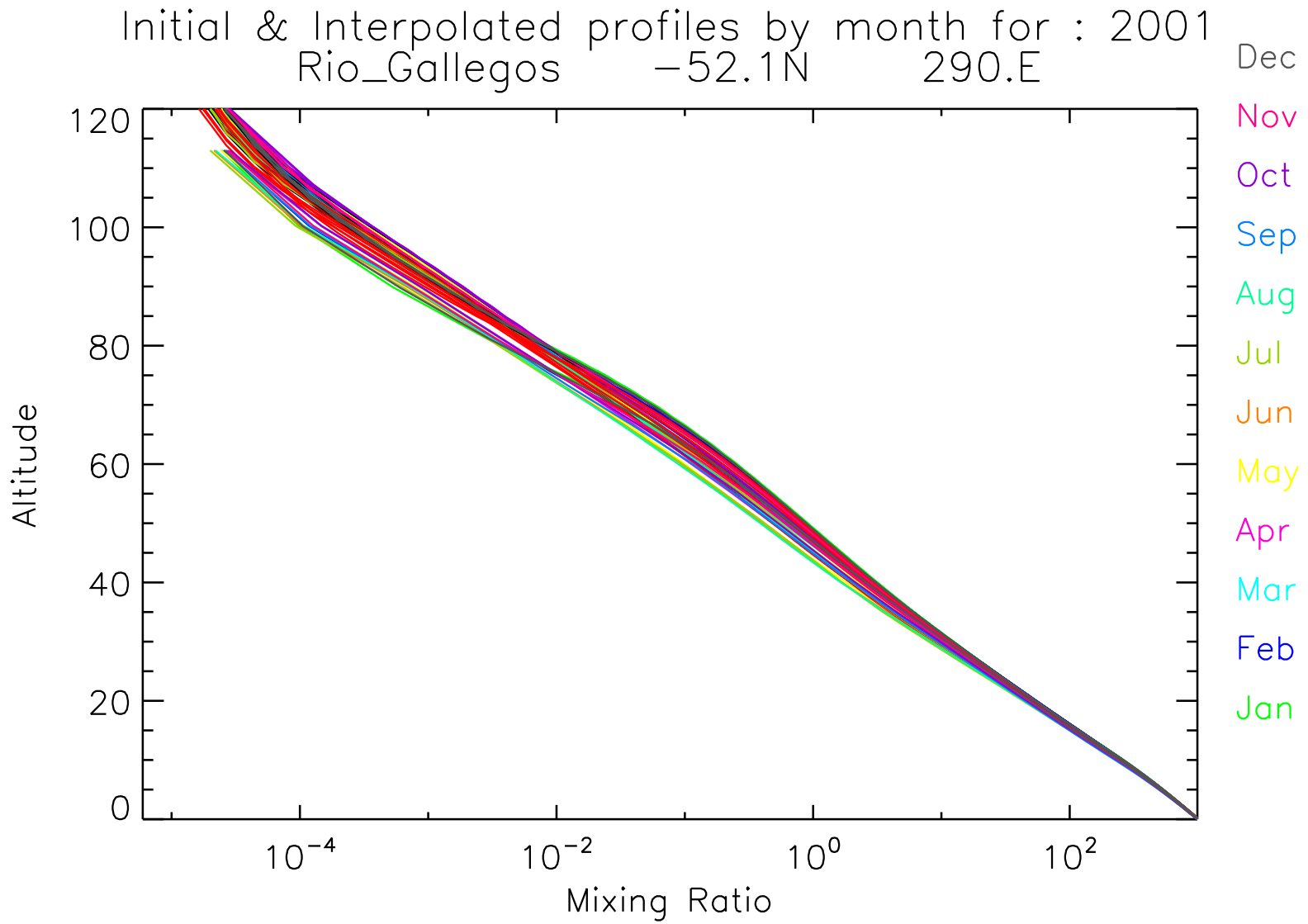
Initial & Interpolated profiles by month for : 2001
Rio_Gallegos −52.1N 290.E
Altitude
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Mixing Ratio
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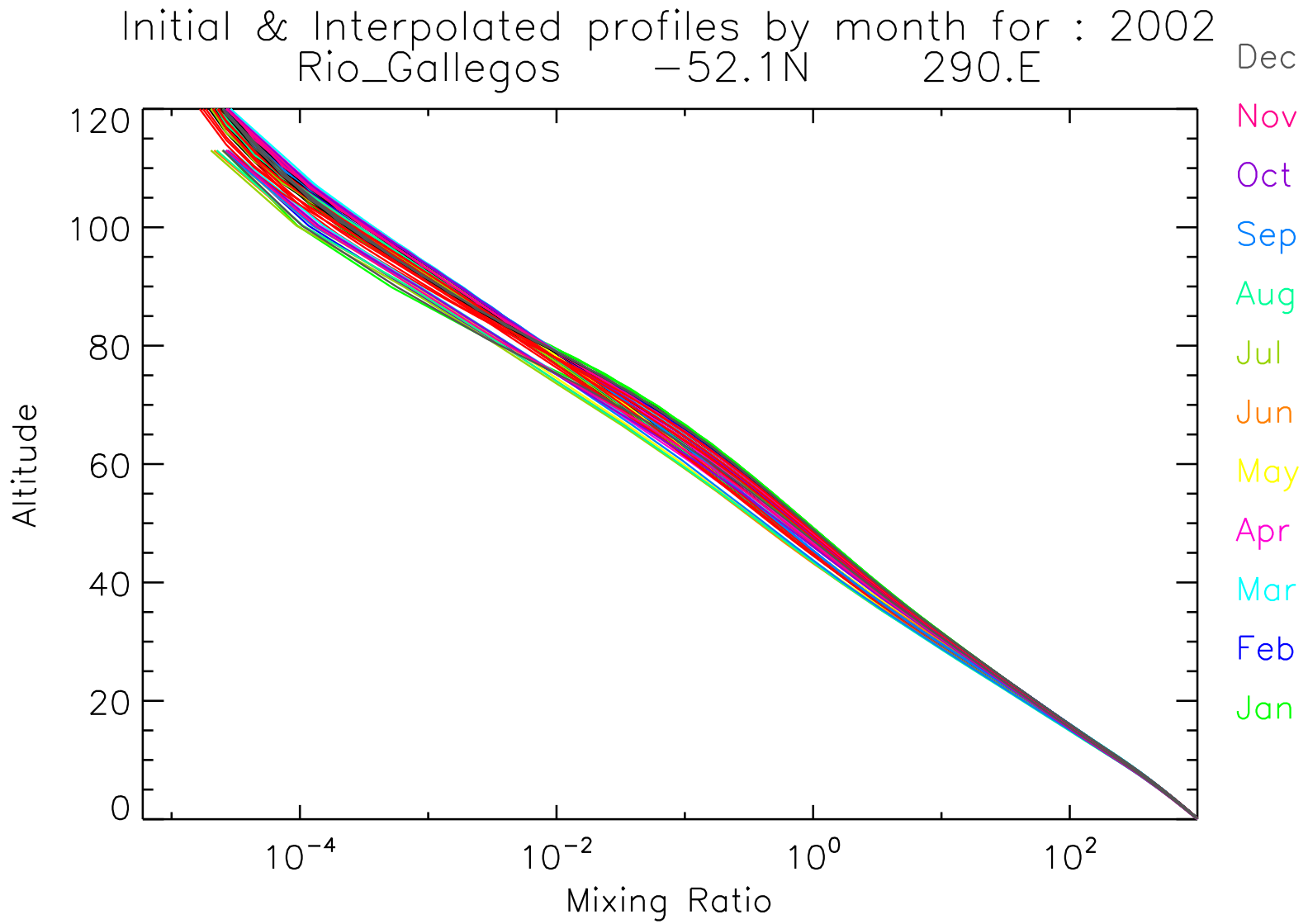
Initial & Interpolated profiles by month for : 2002
Rio_Gallegos −52.1N 290.E
Altitude
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Mixing Ratio
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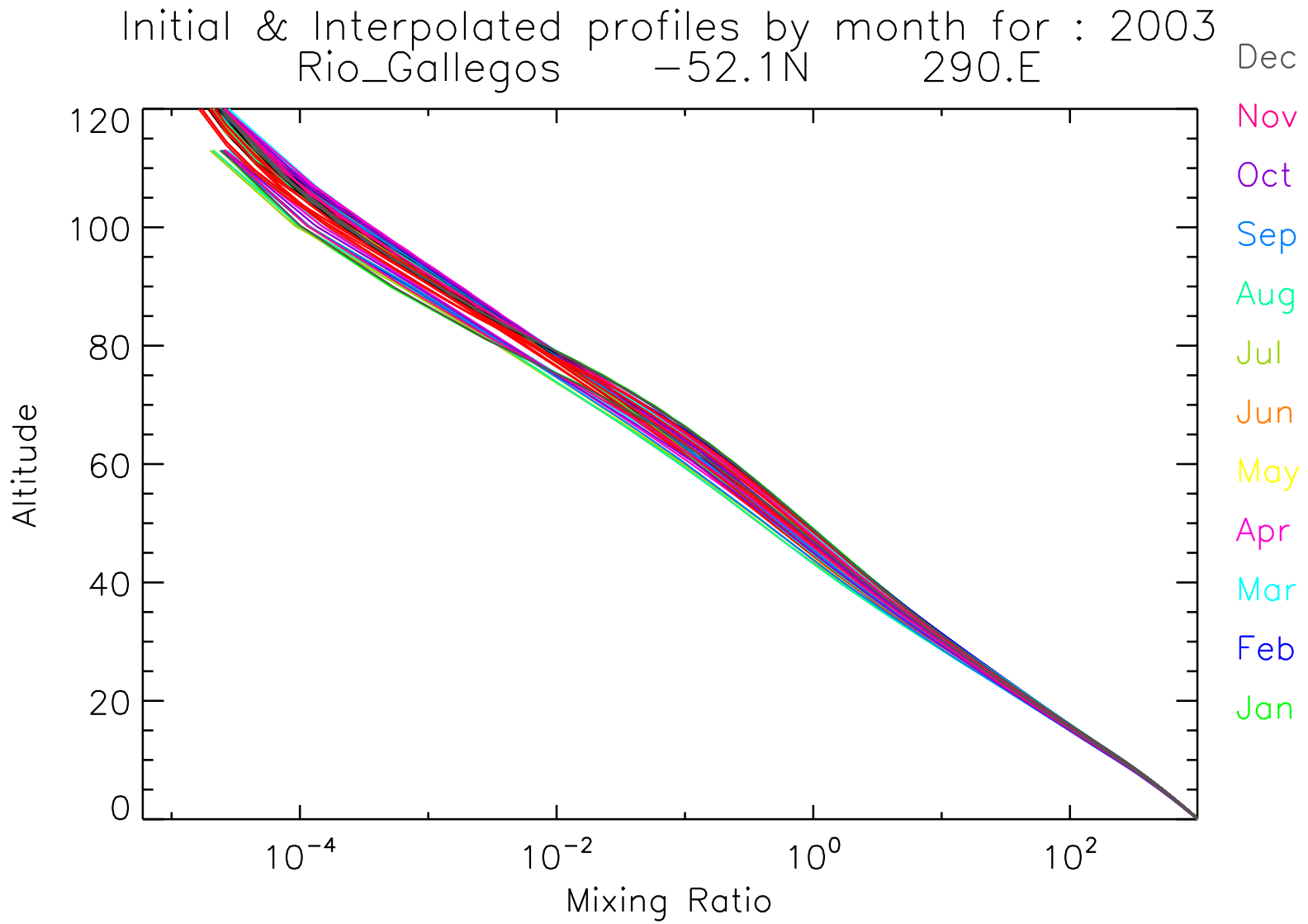
Initial & Interpolated profiles by month for : 2003
Rio_Gallegos −52.1N 290.E
Altitude
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10^{-4}
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Mixing Ratio
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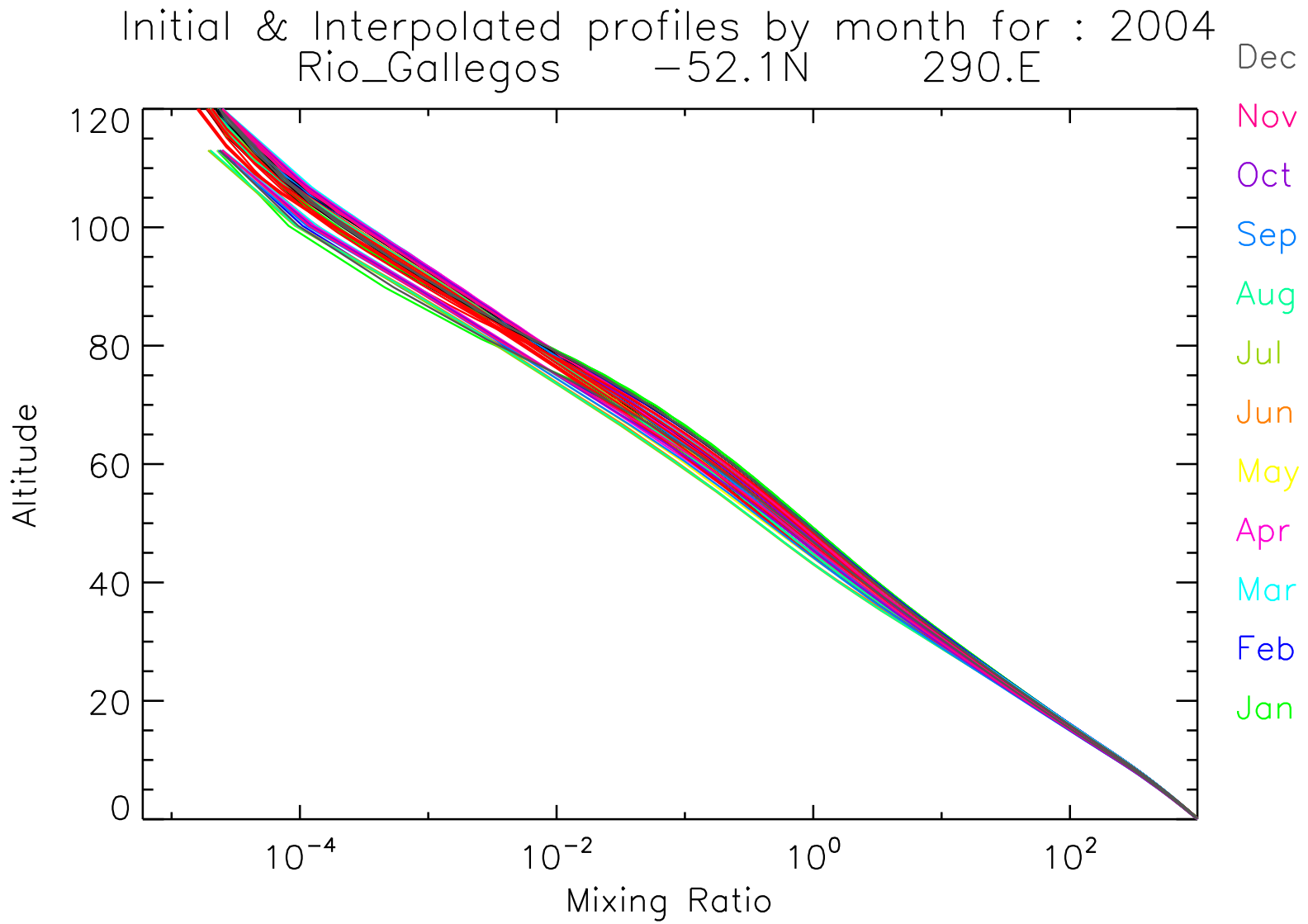
Initial & Interpolated profiles by month for : 2004
Rio_Gallegos −52.1N 290.E
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Altitude
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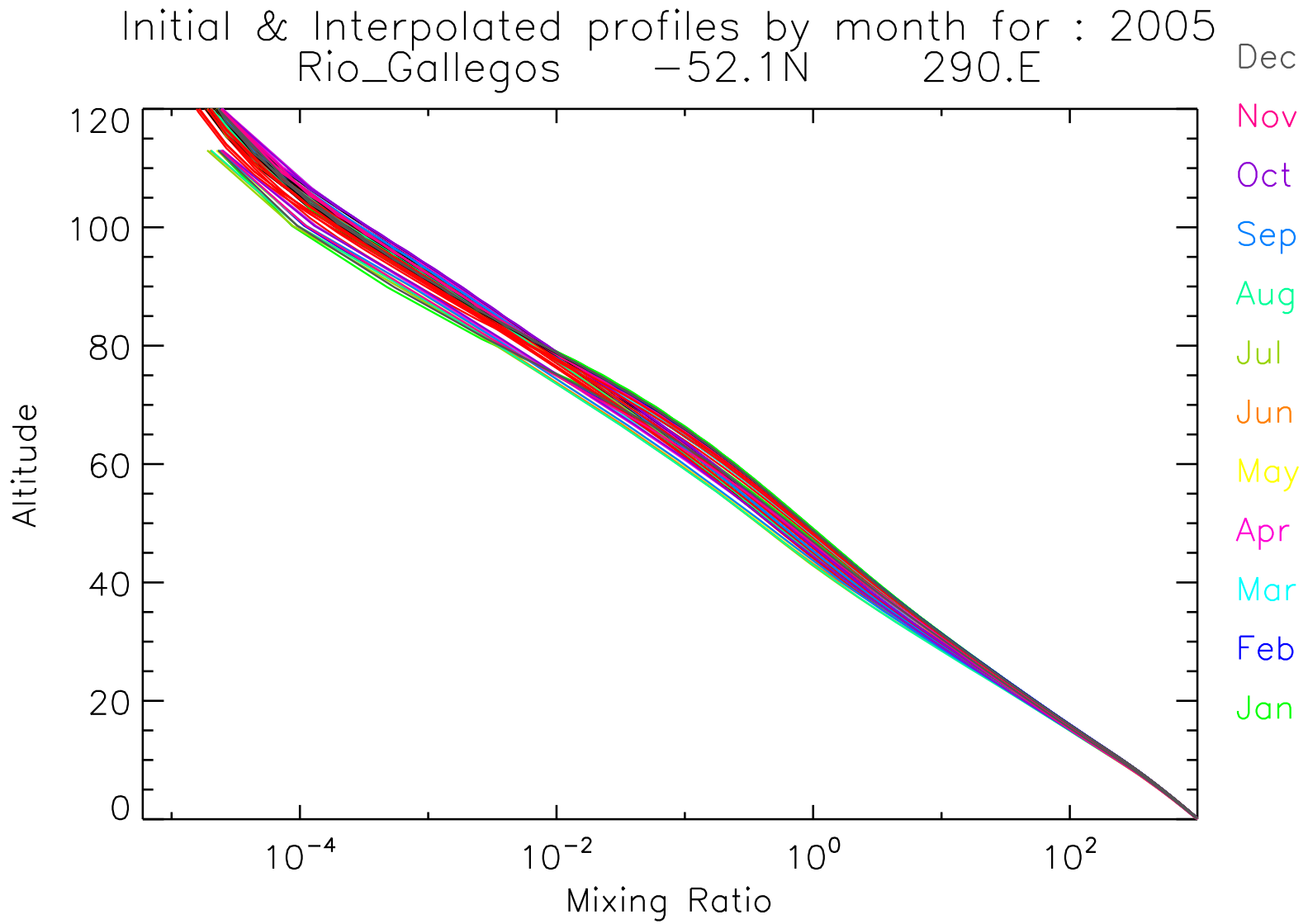
10^{2}
Mixing Ratio


Initial & Interpolated profiles by month for : 2005
Rio_Gallegos −52.1N 290.E
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Altitude
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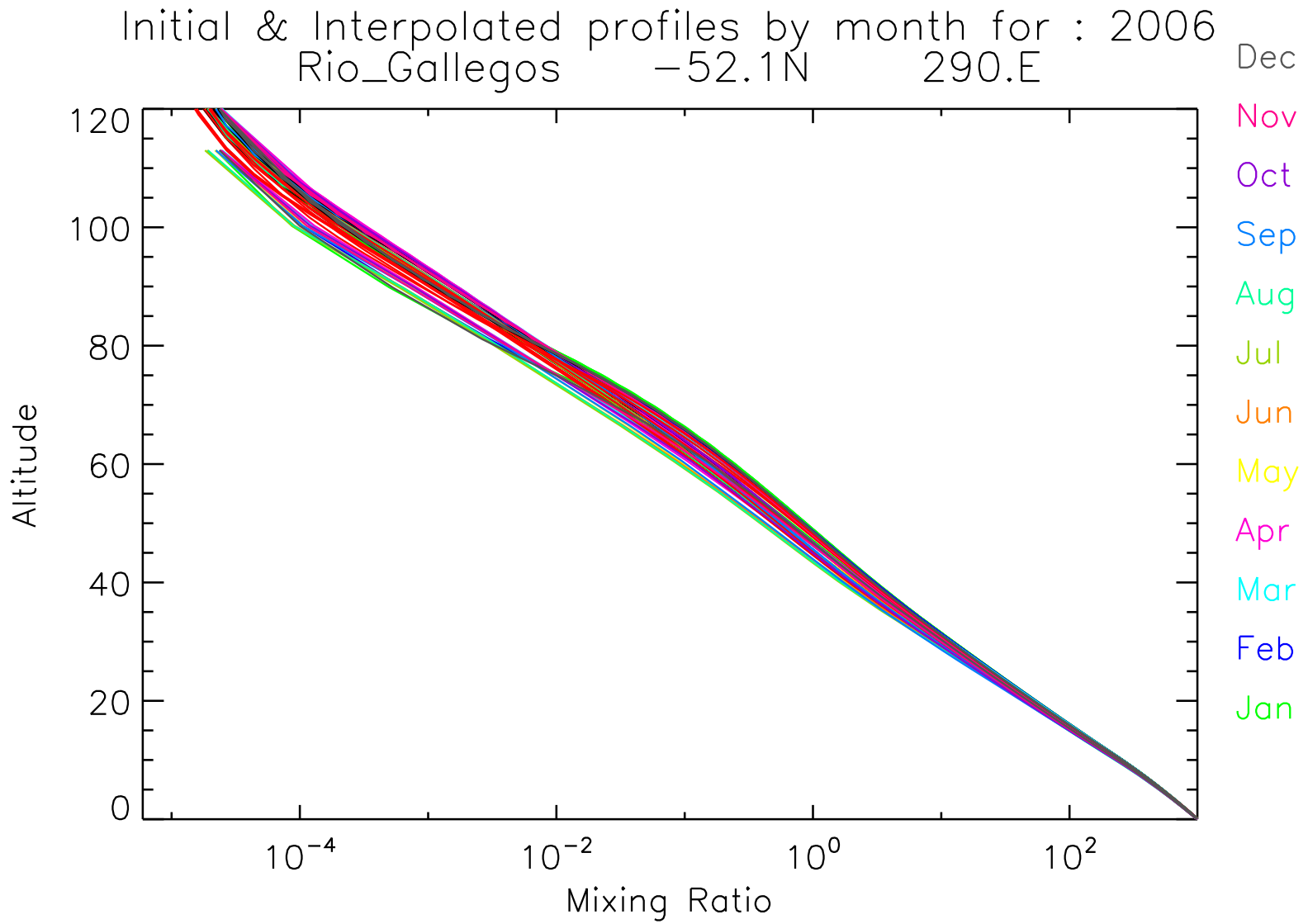
10^{2}
Mixing Ratio


Initial & Interpolated profiles by month for : 2006
Rio_Gallegos −52.1N 290.E
Altitude
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Mixing Ratio
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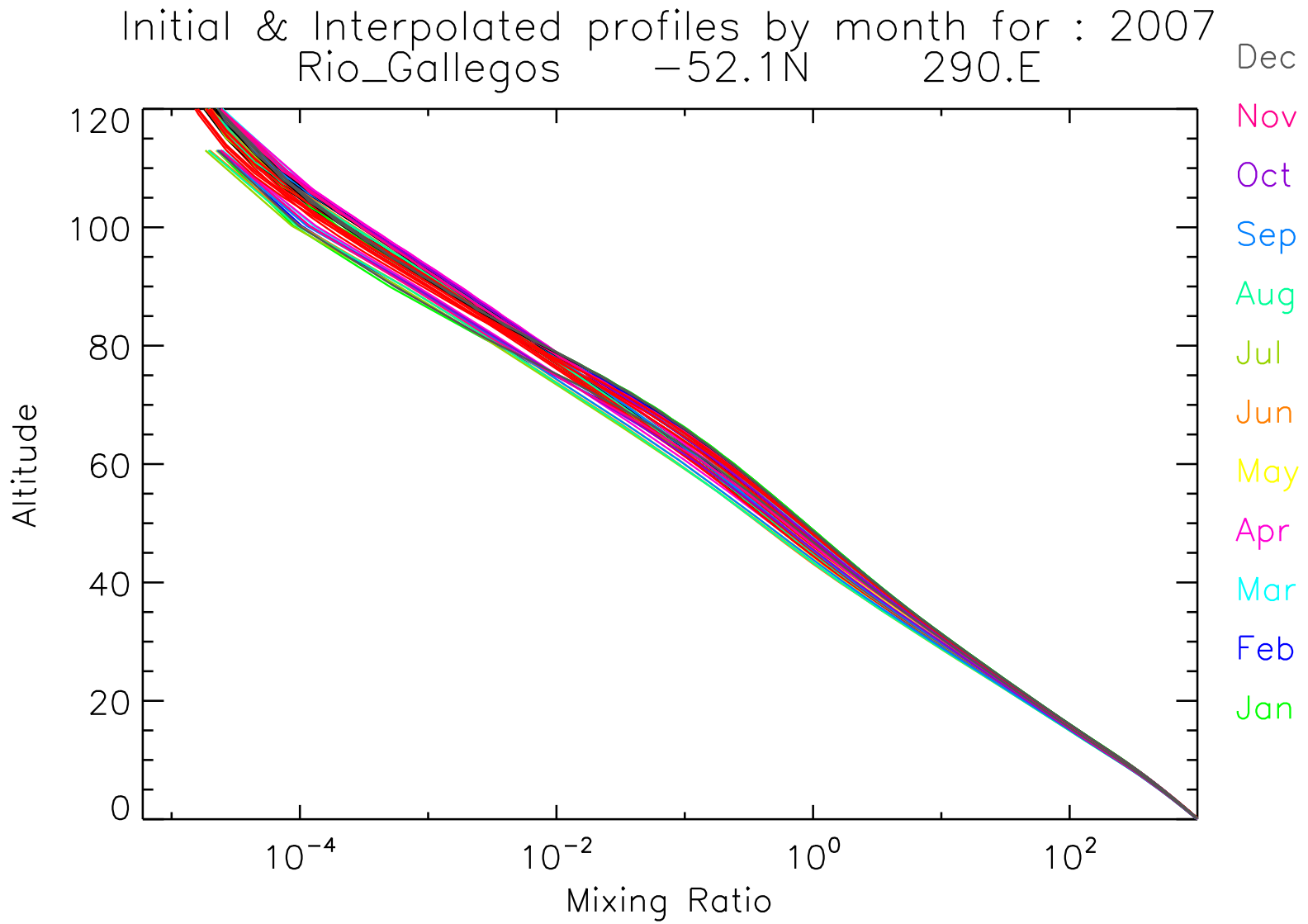
Initial & Interpolated profiles by month for : 2007
Rio_Gallegos −52.1N 290.E
Altitude
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Mixing Ratio
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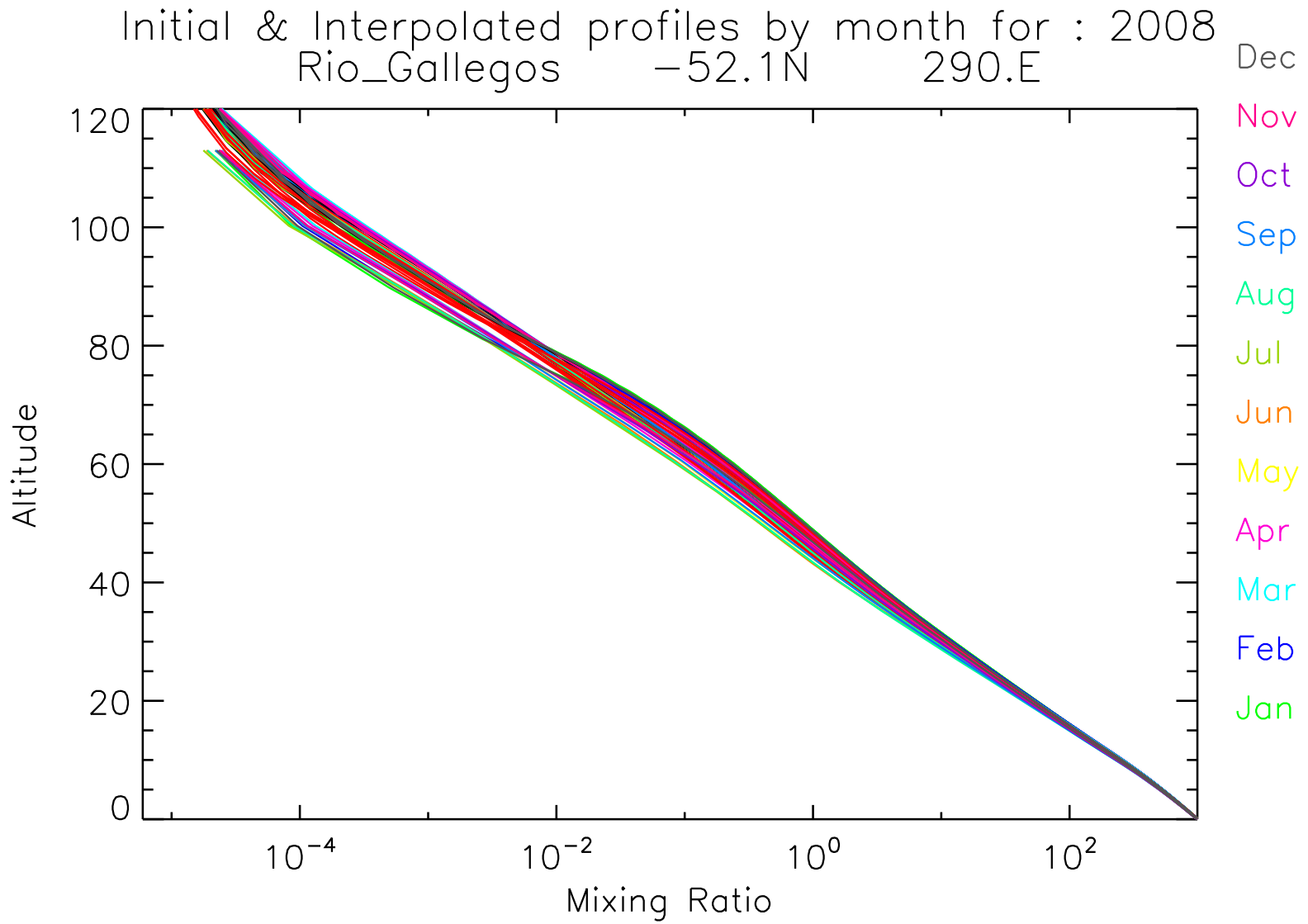
Initial & Interpolated profiles by month for : 2008
Rio_Gallegos −52.1N 290.E
Altitude
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Mixing Ratio
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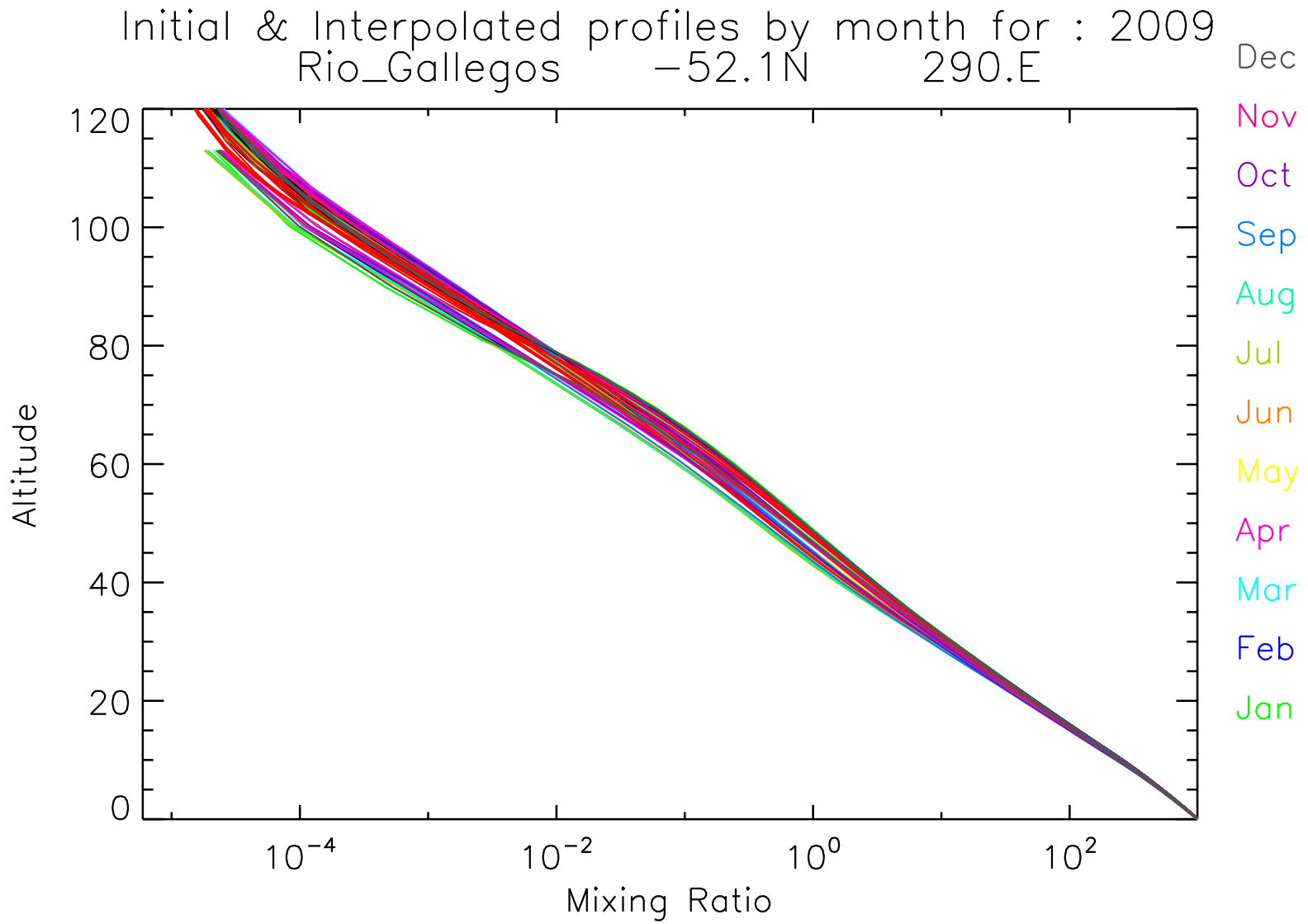
Initial & Interpolated profiles by month for : 2009
Rio_Gallegos −52.1N 290.E
Altitude
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Mixing Ratio
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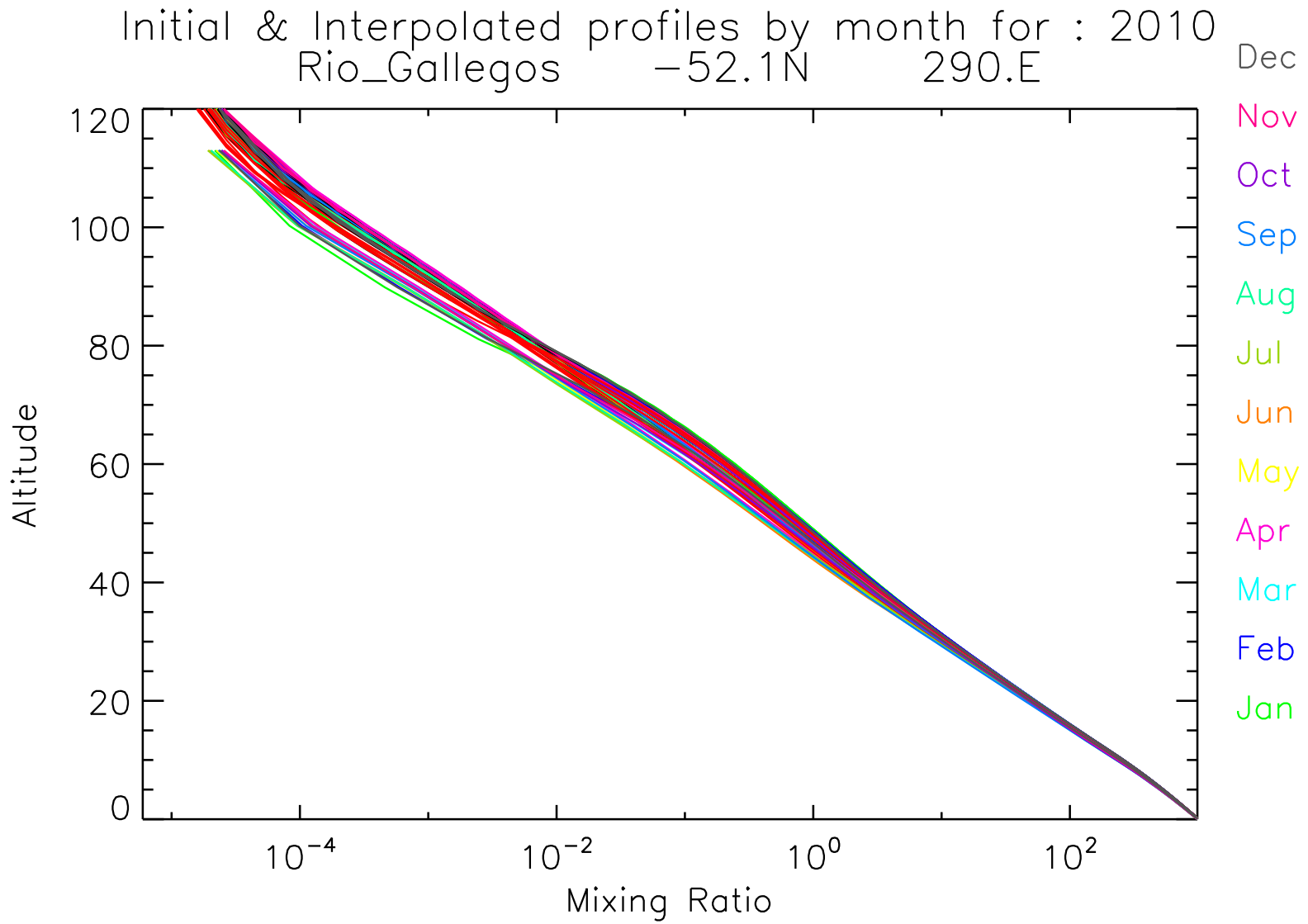
Initial & Interpolated profiles by month for : 2010
Rio_Gallegos −52.1N 290.E
Altitude
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Mixing Ratio
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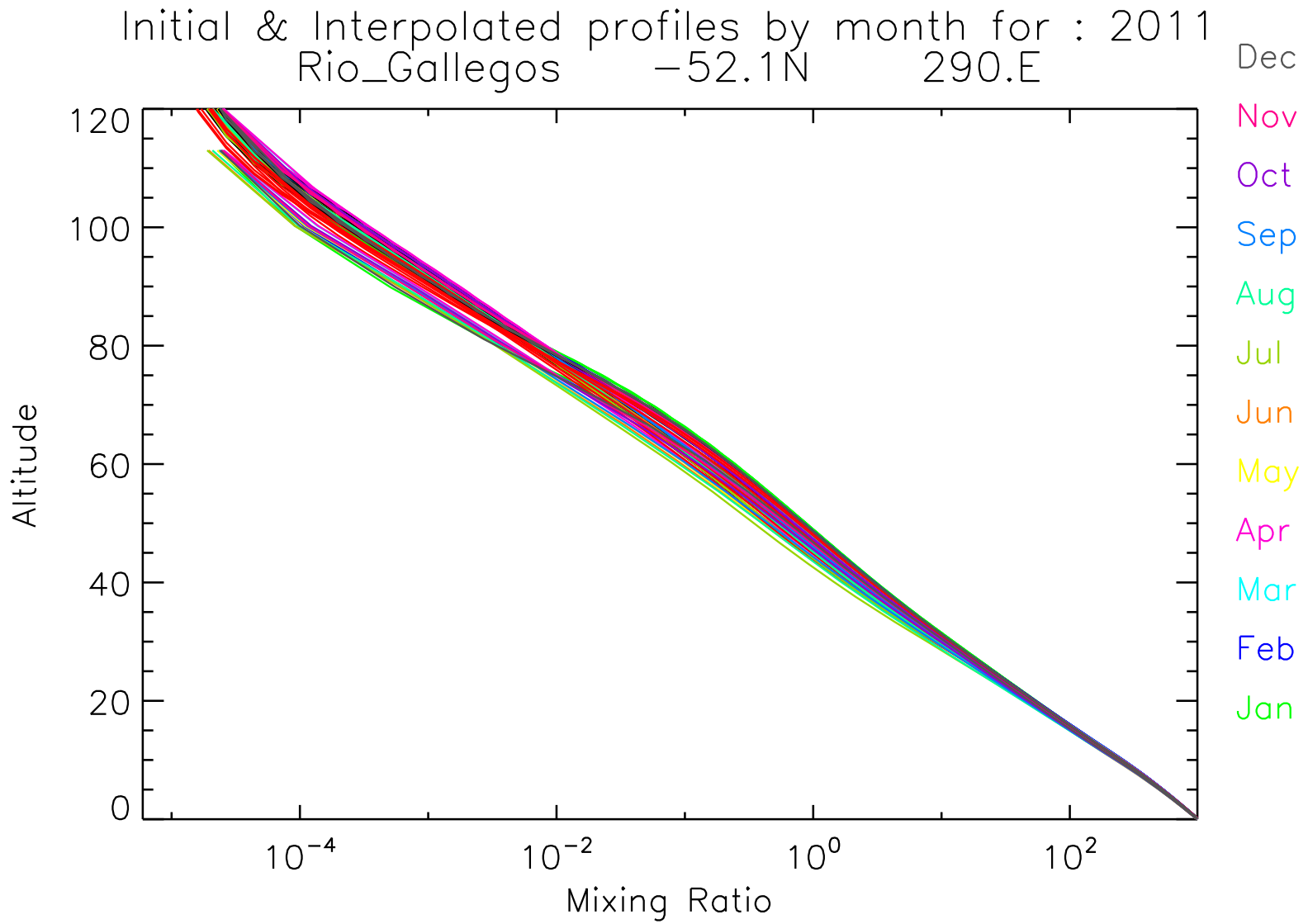
Initial & Interpolated profiles by month for : 2011
Rio_Gallegos −52.1N 290.E
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Altitude
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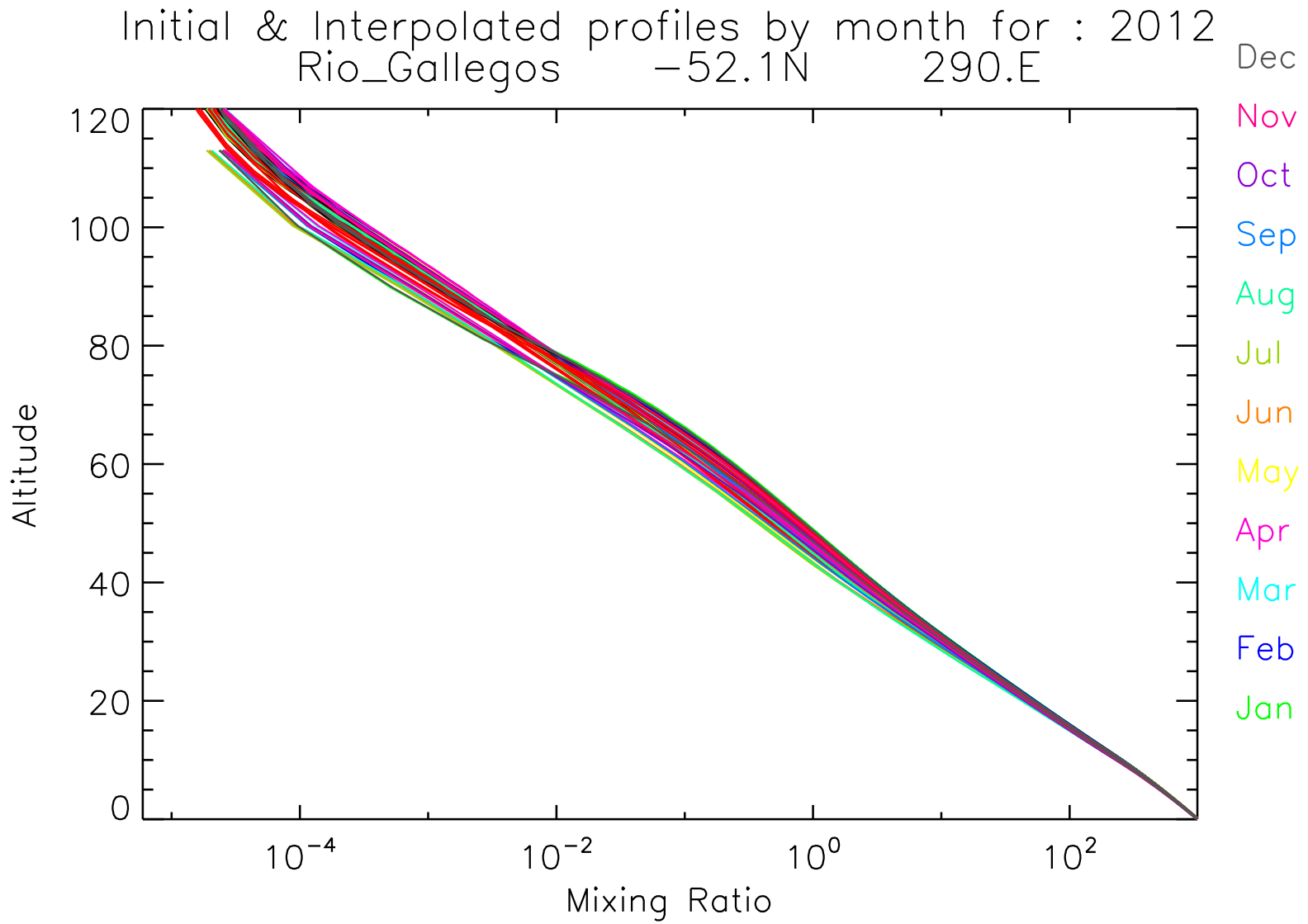
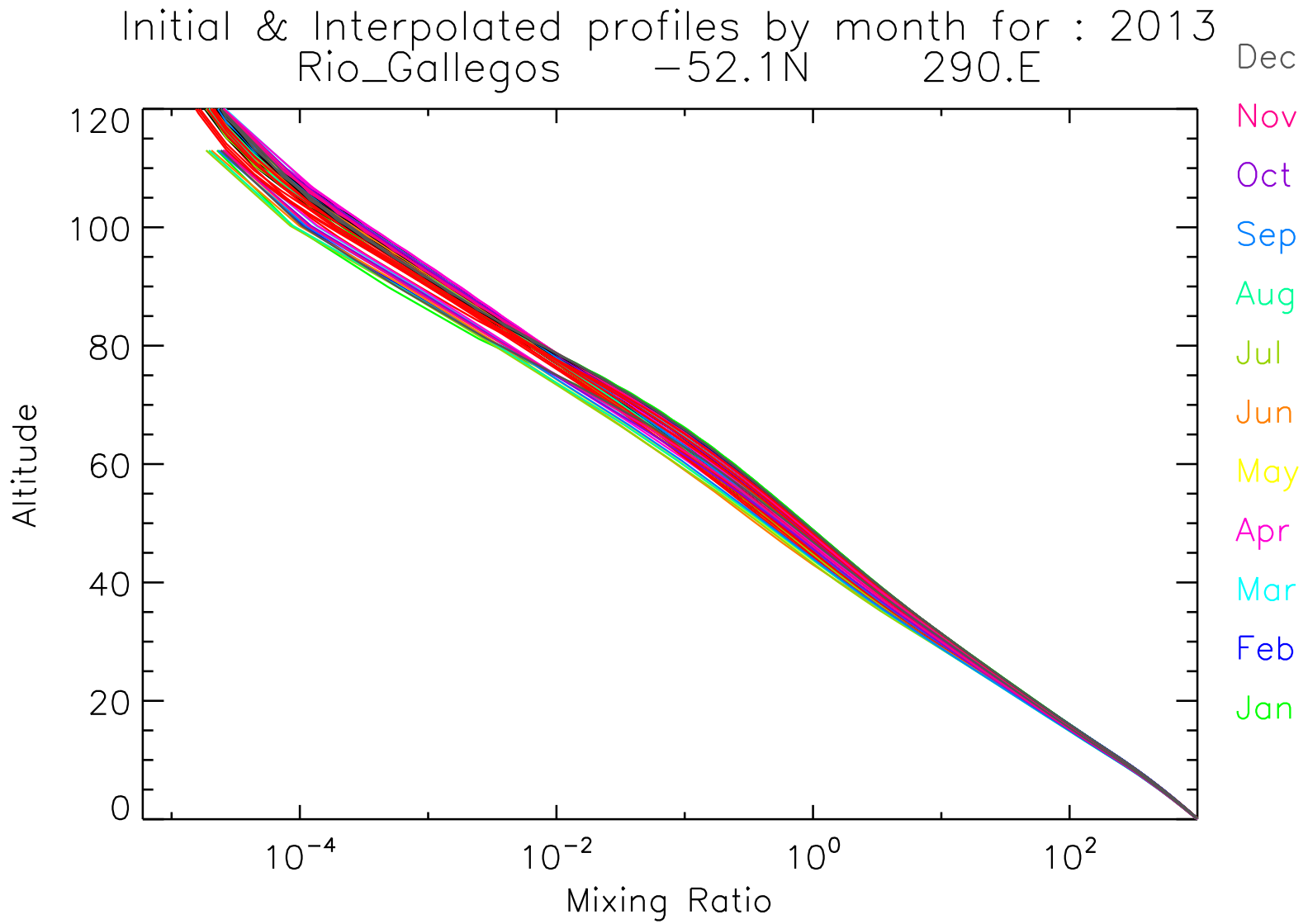
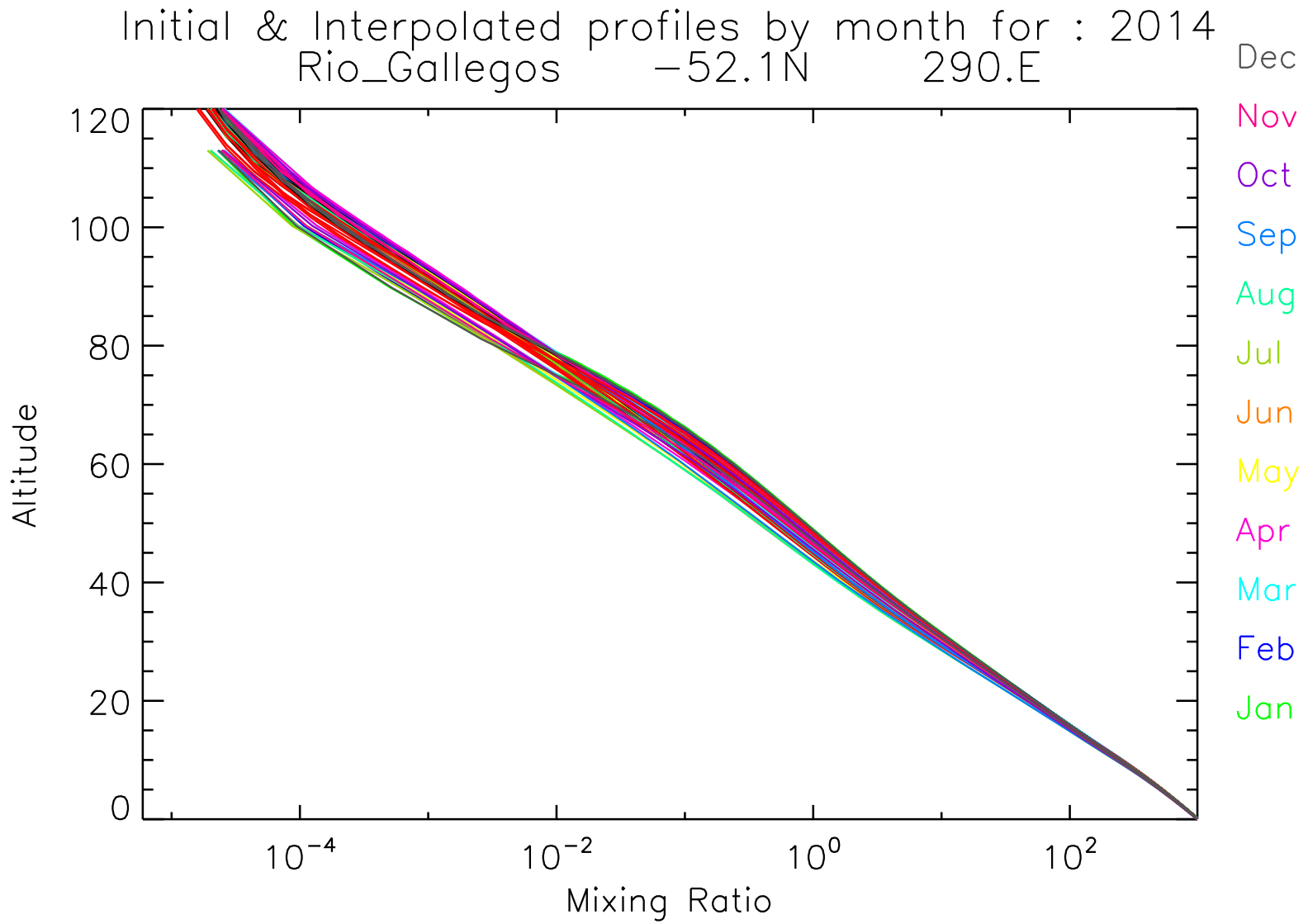
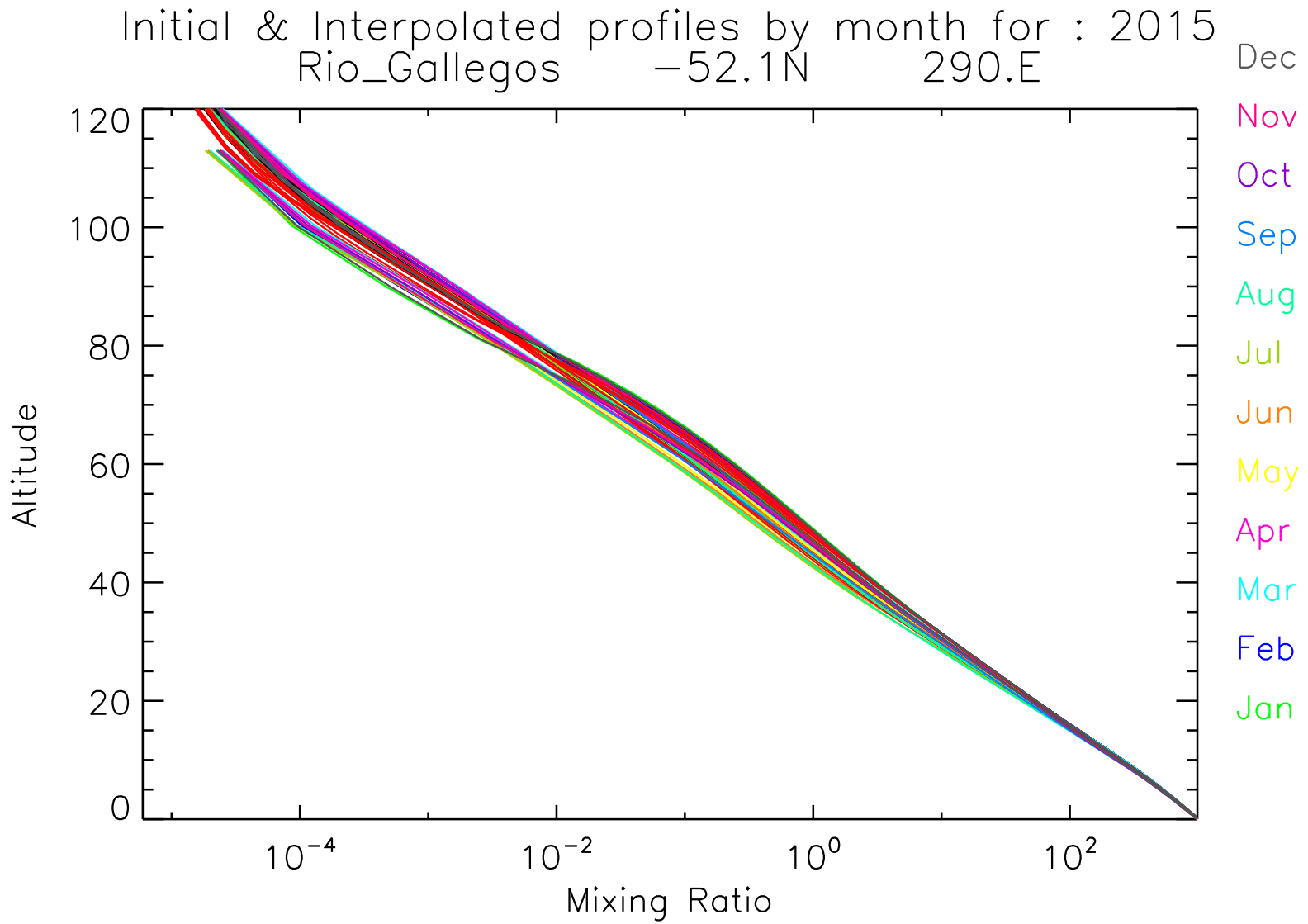
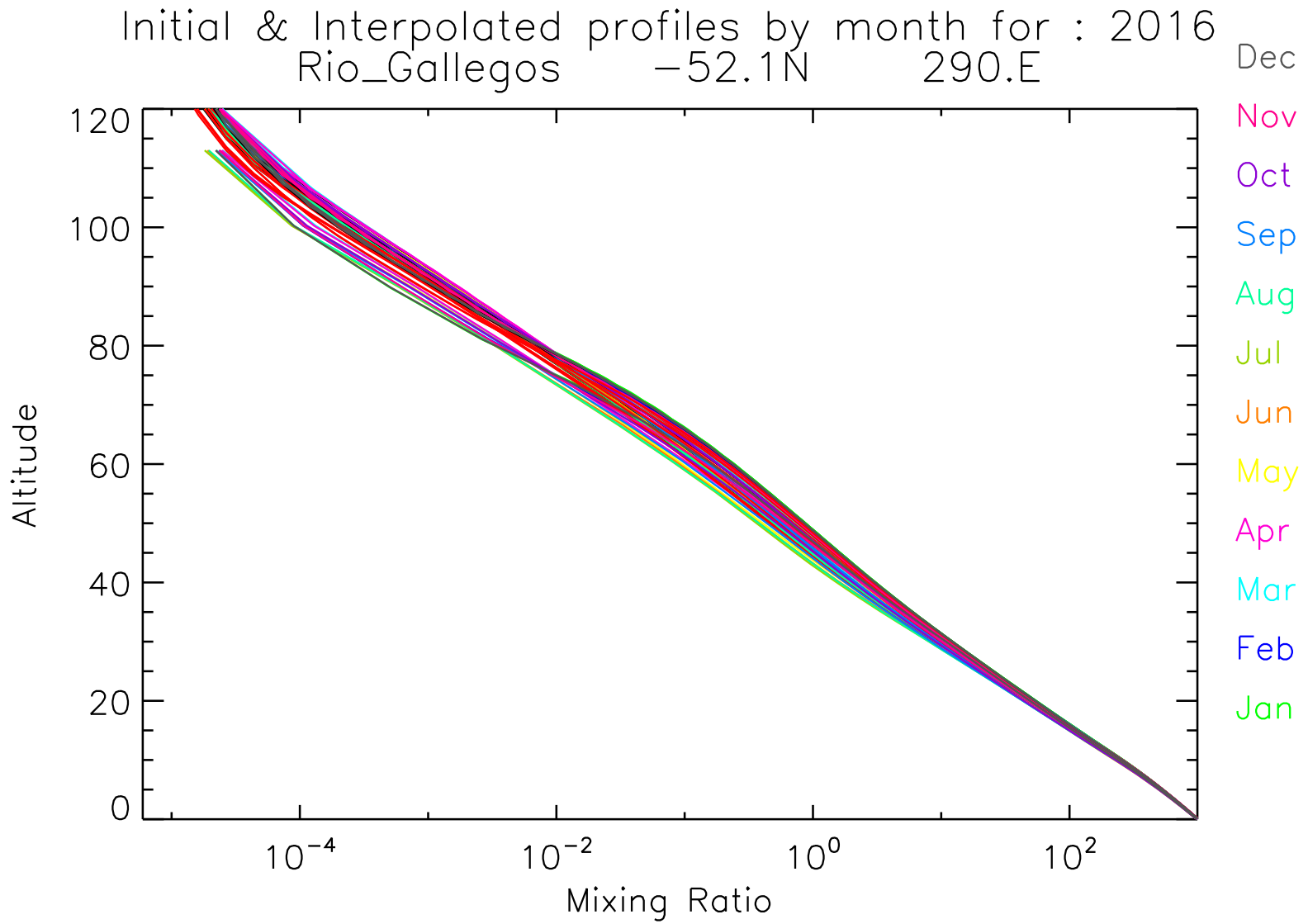
10^{0}
10^{2}
Mixing Ratio

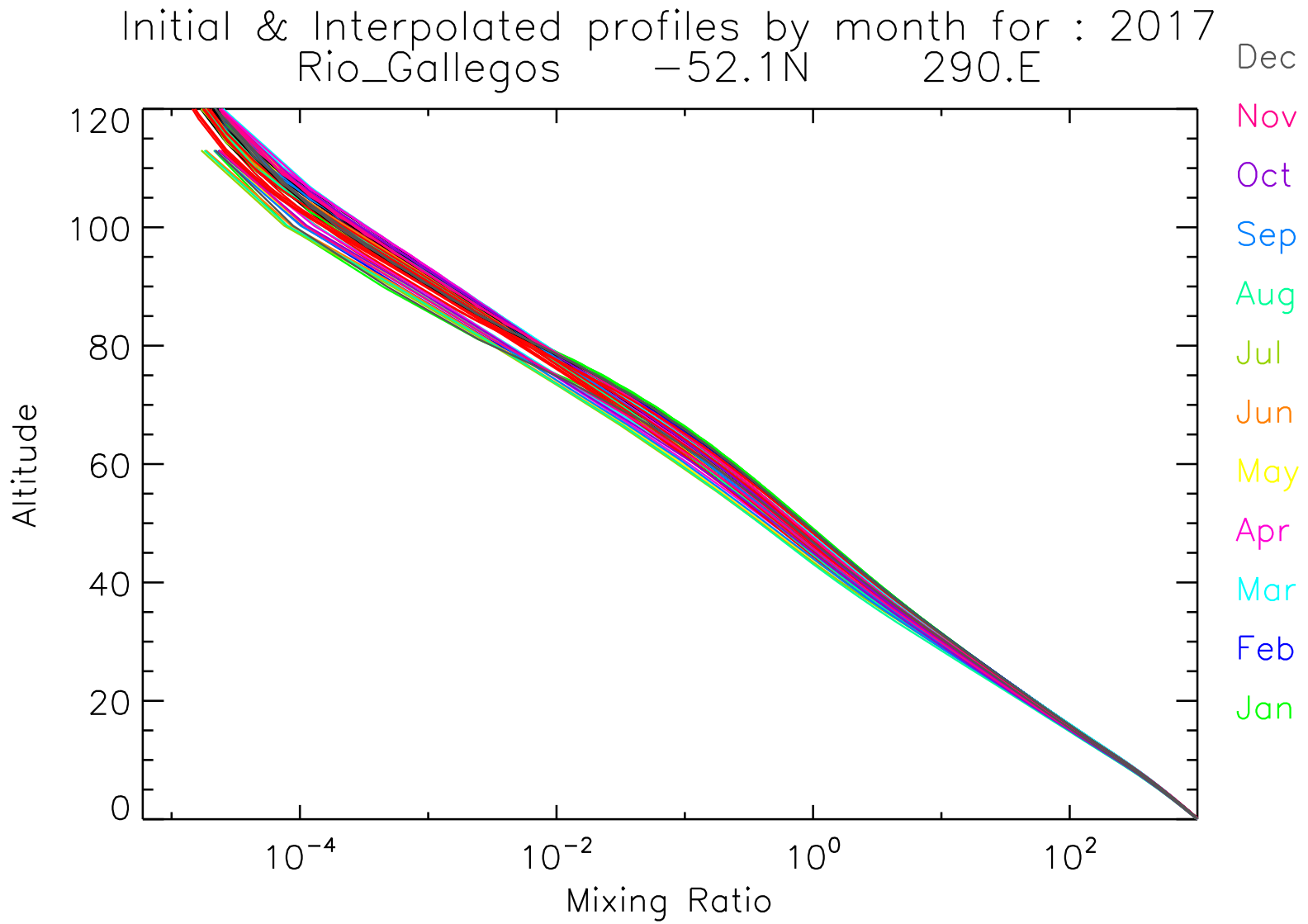

Initial & Interpolated profiles by month for : 2012
Rio_Gallegos −52.1N 290.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio

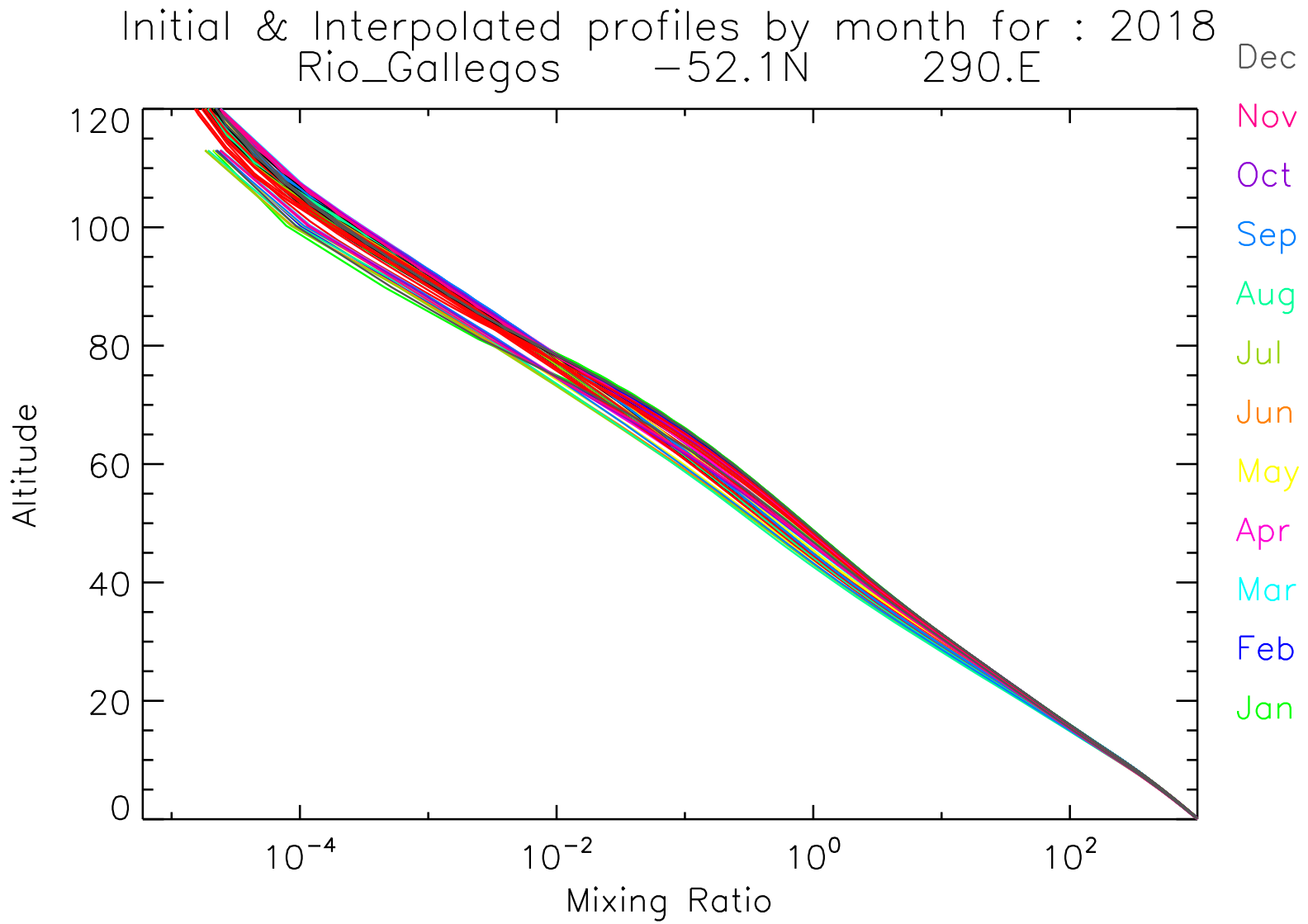

Initial & Interpolated profiles by month for : 2013
Rio_Gallegos −52.1N 290.E
Altitude
120
100
80
60
40
20
0
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

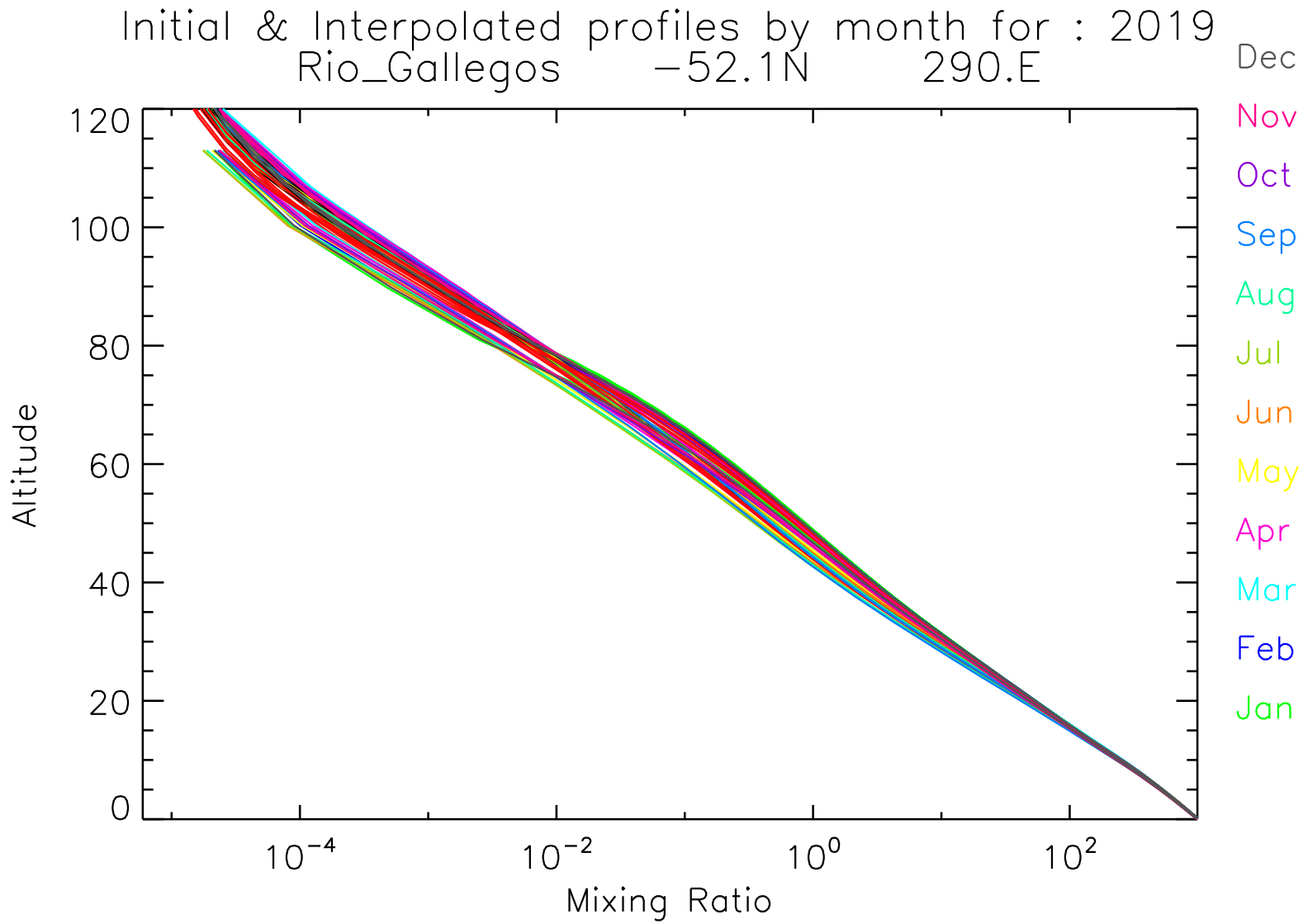

Initial & Interpolated profiles by month for : 2014
Rio_Gallegos −52.1N 290.E
Altitude
120
100
80
60
40
20
0
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

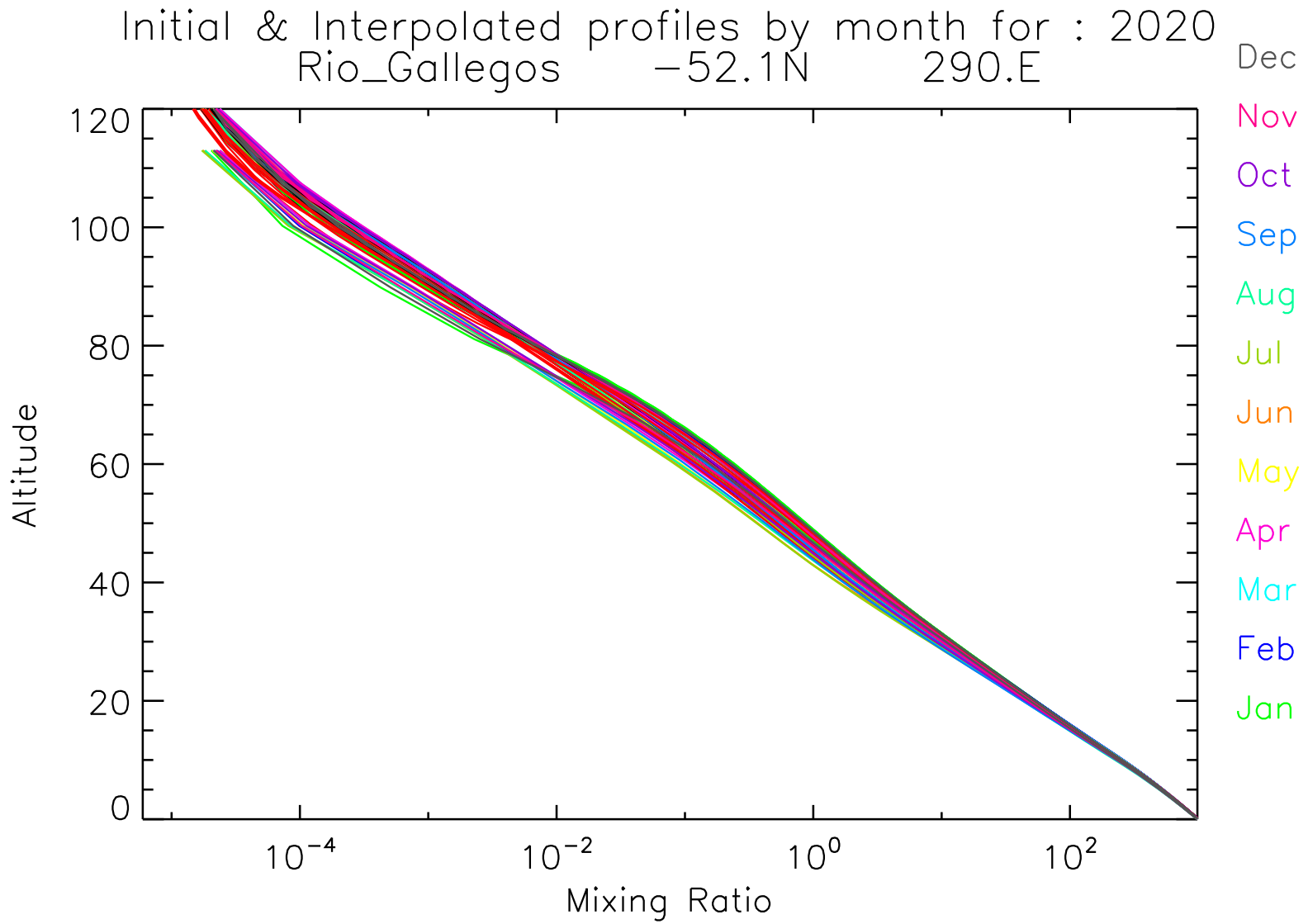

Initial & Interpolated profiles by month for : 2015
Rio_Gallegos −52.1N 290.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio

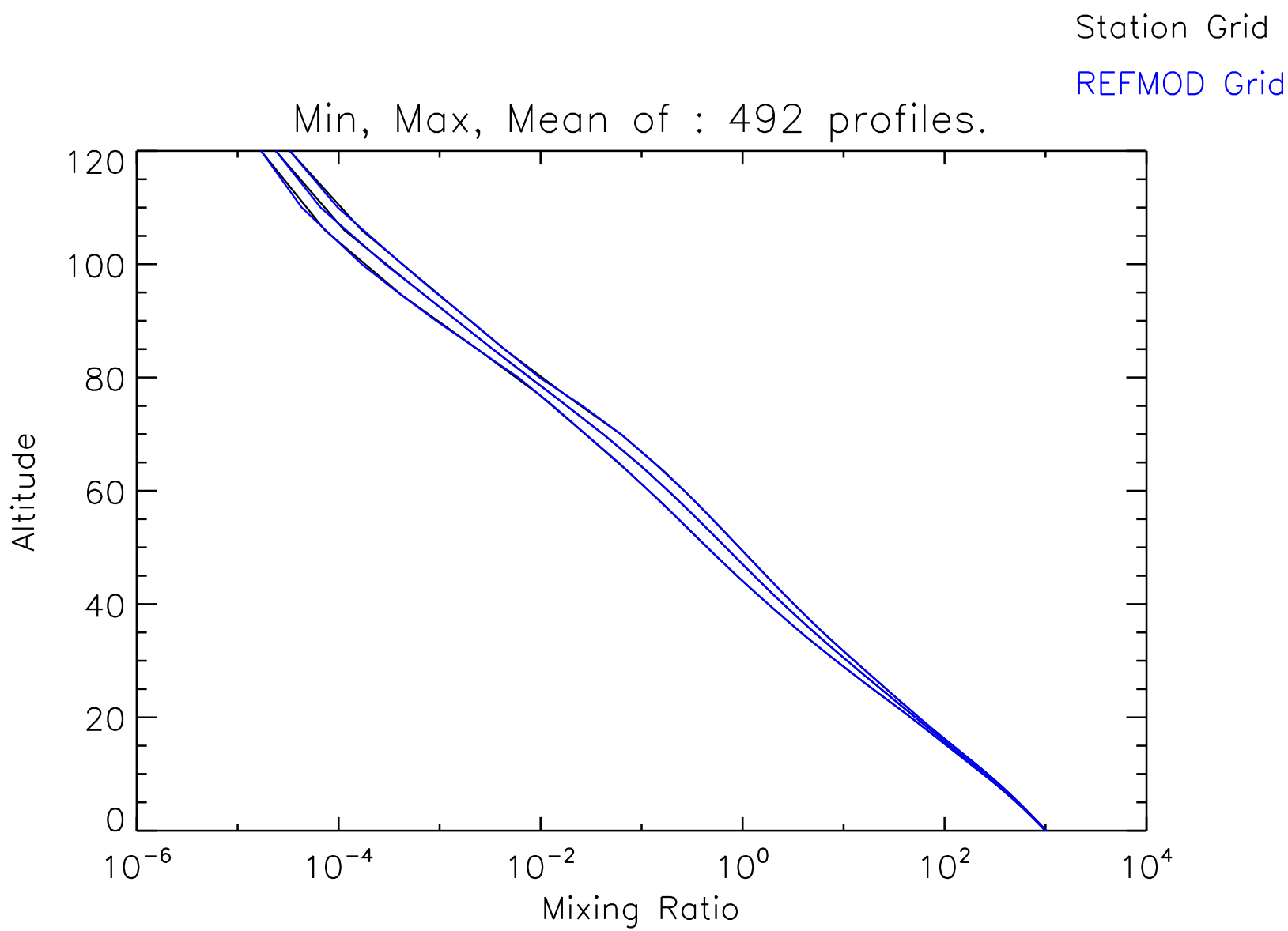

Initial & Interpolated profiles by month for : 2016
Rio_Gallegos −52.1N 290.E
Altitude
120
100
80
60
40
20
0
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

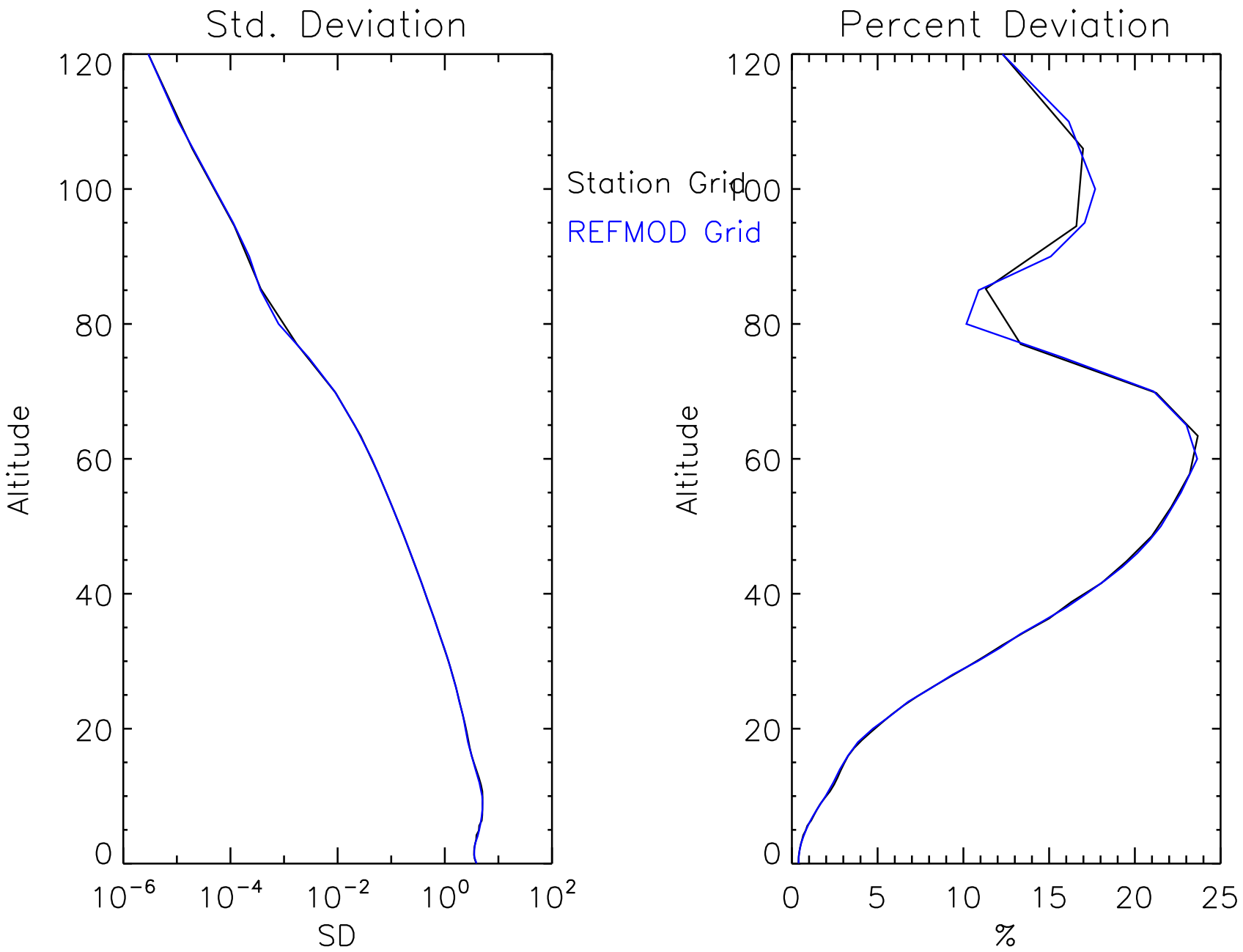

Initial & Interpolated profiles by month for : 2017
Rio_Gallegos −52.1N 290.E
Altitude
120
100
80
60
40
20
0
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

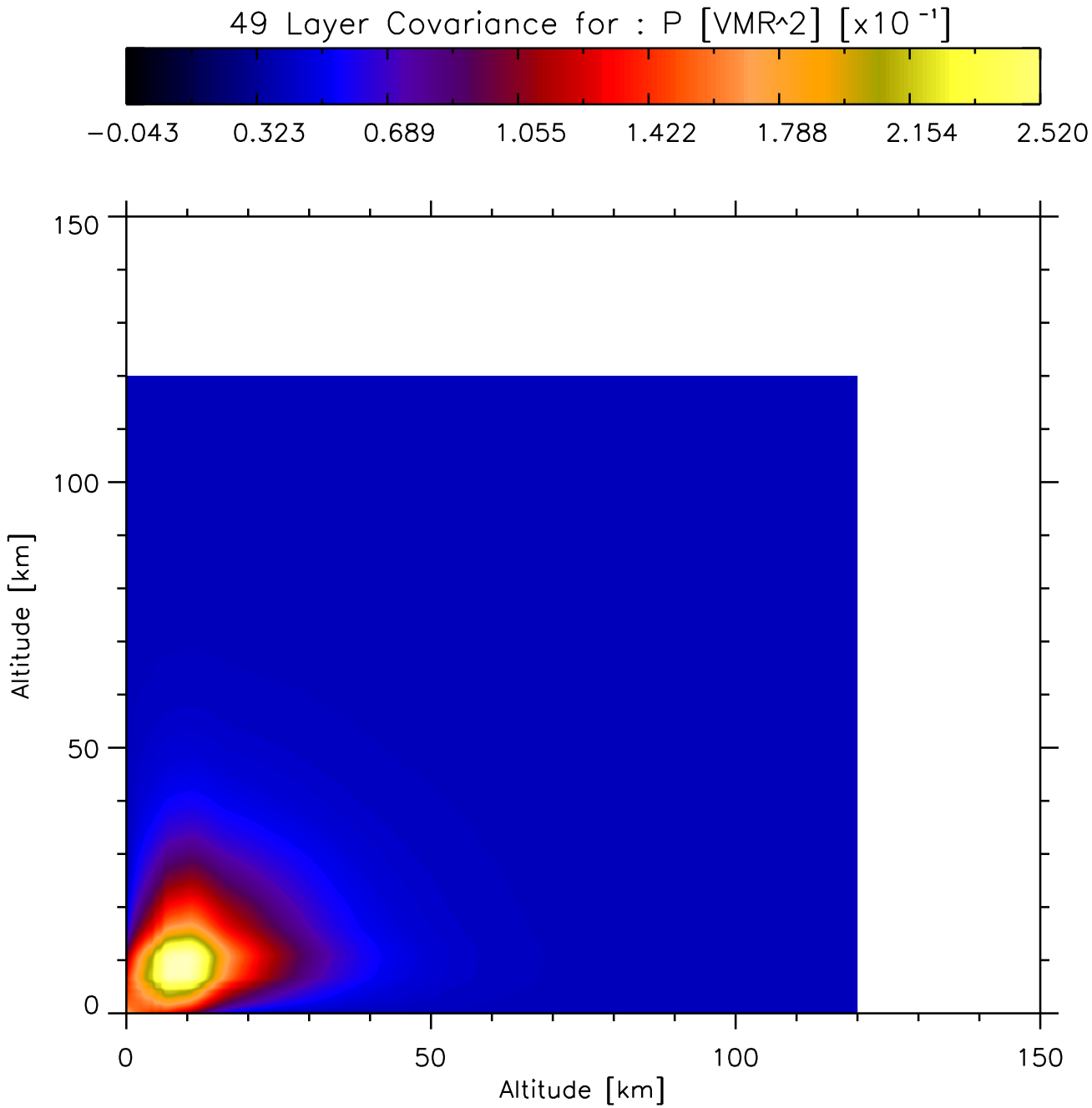

Initial & Interpolated profiles by month for : 2018
Rio_Gallegos −52.1N 290.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio


Initial & Interpolated profiles by month for : 2019
Rio_Gallegos −52.1N 290.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

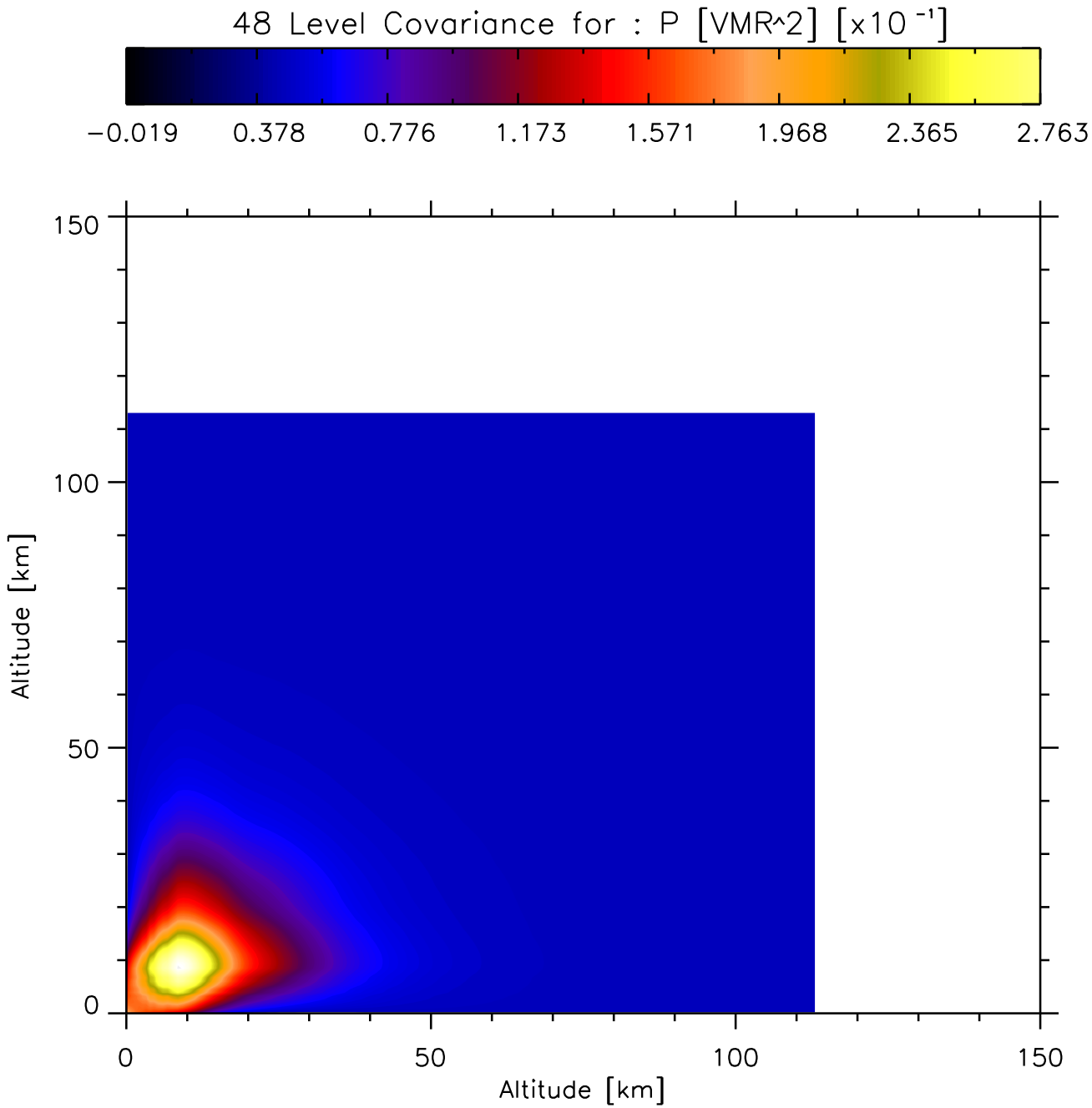

Initial & Interpolated profiles by month for : 2020
Rio_Gallegos −52.1N 290.E
Altitude
120
100
80
60
40
20
0
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan


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
120
100
80
60
40
20
0
10^{-6}
10^{-4}
10^{-2}
10^{0}
10^{2}
SD
0
5
10
15
20
25
%


49 Layer Covariance for : P [VMR^2] [x10 -1]
−0.043
0.323
0.689
1.055
1.422
1.788
2.154
2.520
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]

49 Layer Covariance for : P [VMR^2] [x10^-1]
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Y Altitude
0
10
20
30
40
X Altitude
0
50
100
150


48 Level Covariance for : P [VMR^2] [x10 -1]
−0.019
0.378
0.776
1.173
1.571
1.968
2.365
2.763
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]

48 Level Covariance for : P [VMR^2] [x10^-1]
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Y Altitude
0
15
30
45
60
X Altitude
0
50
100
150