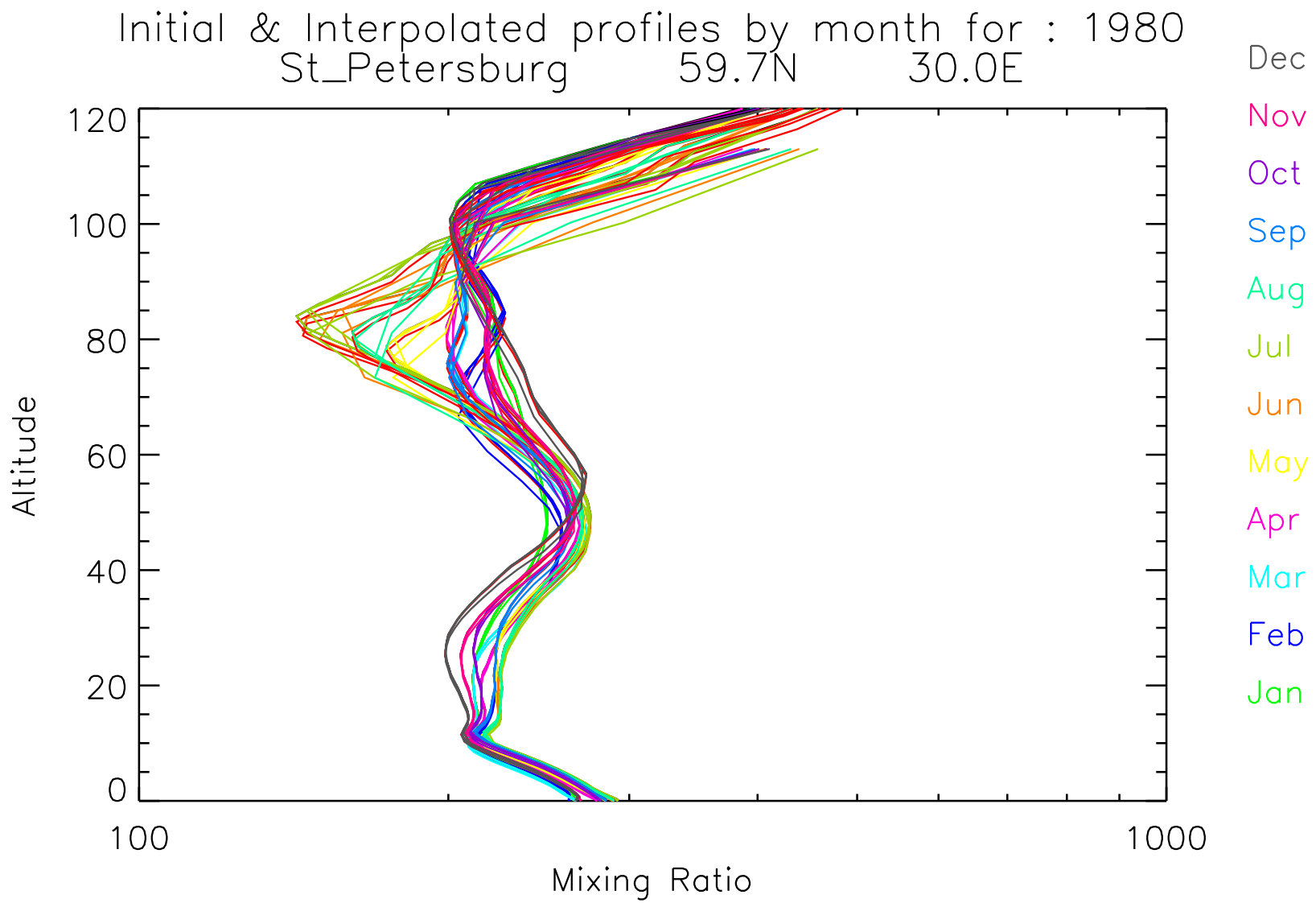
Initial & Interpolated profiles by month for : 1980
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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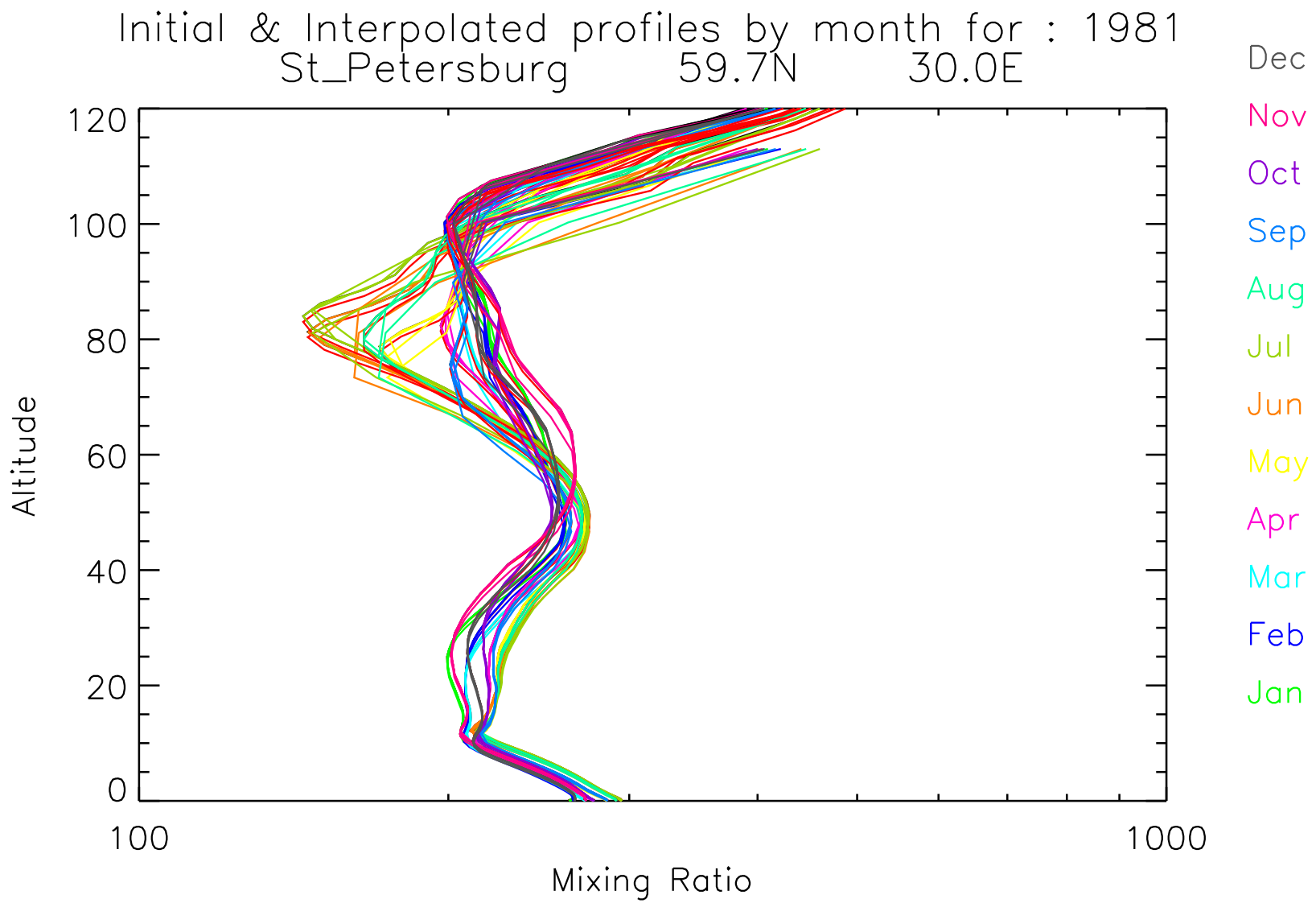
Initial & Interpolated profiles by month for : 1981
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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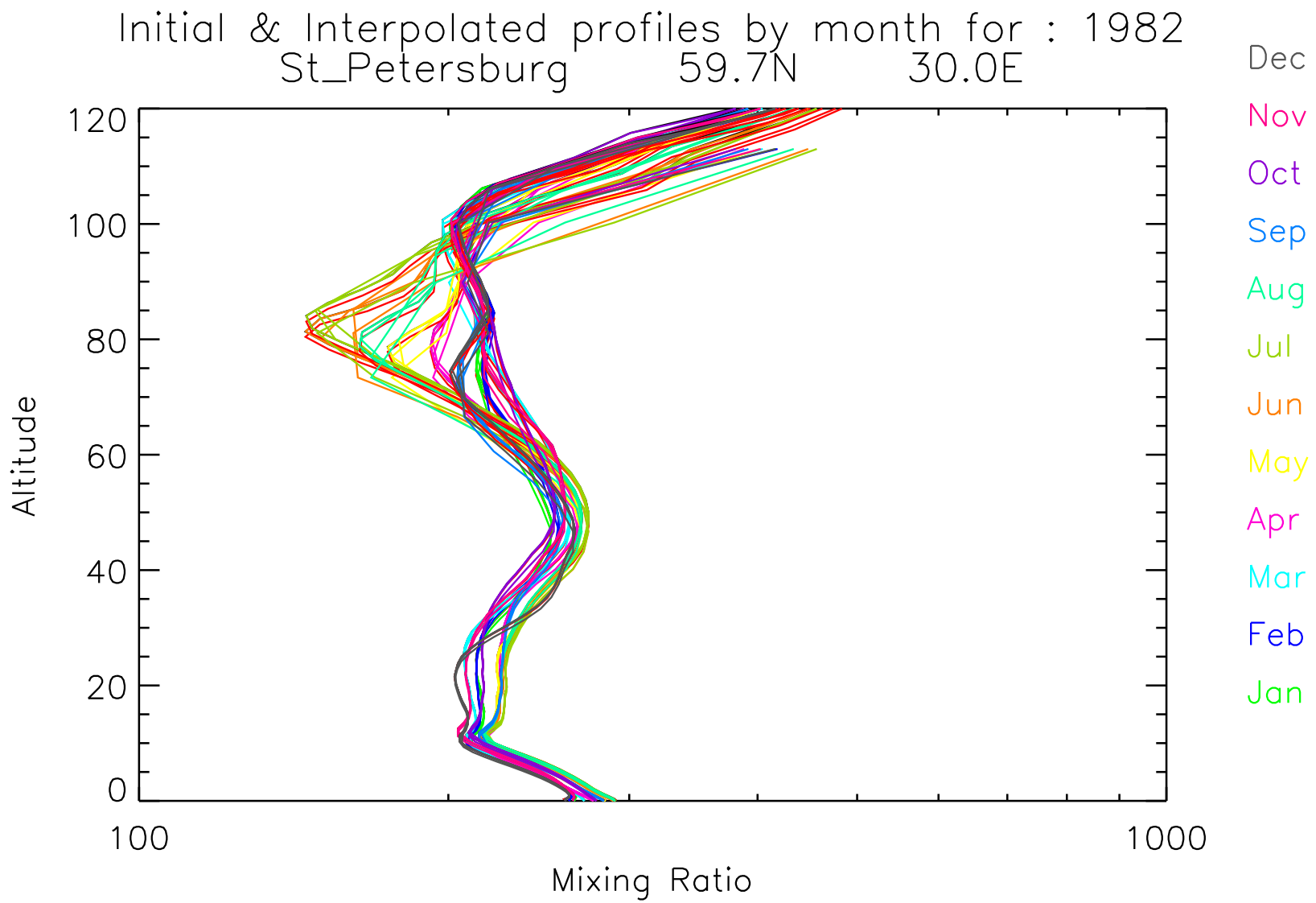
Initial & Interpolated profiles by month for : 1982
St_Petersburg 59.7N 30.0E
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Mixing Ratio
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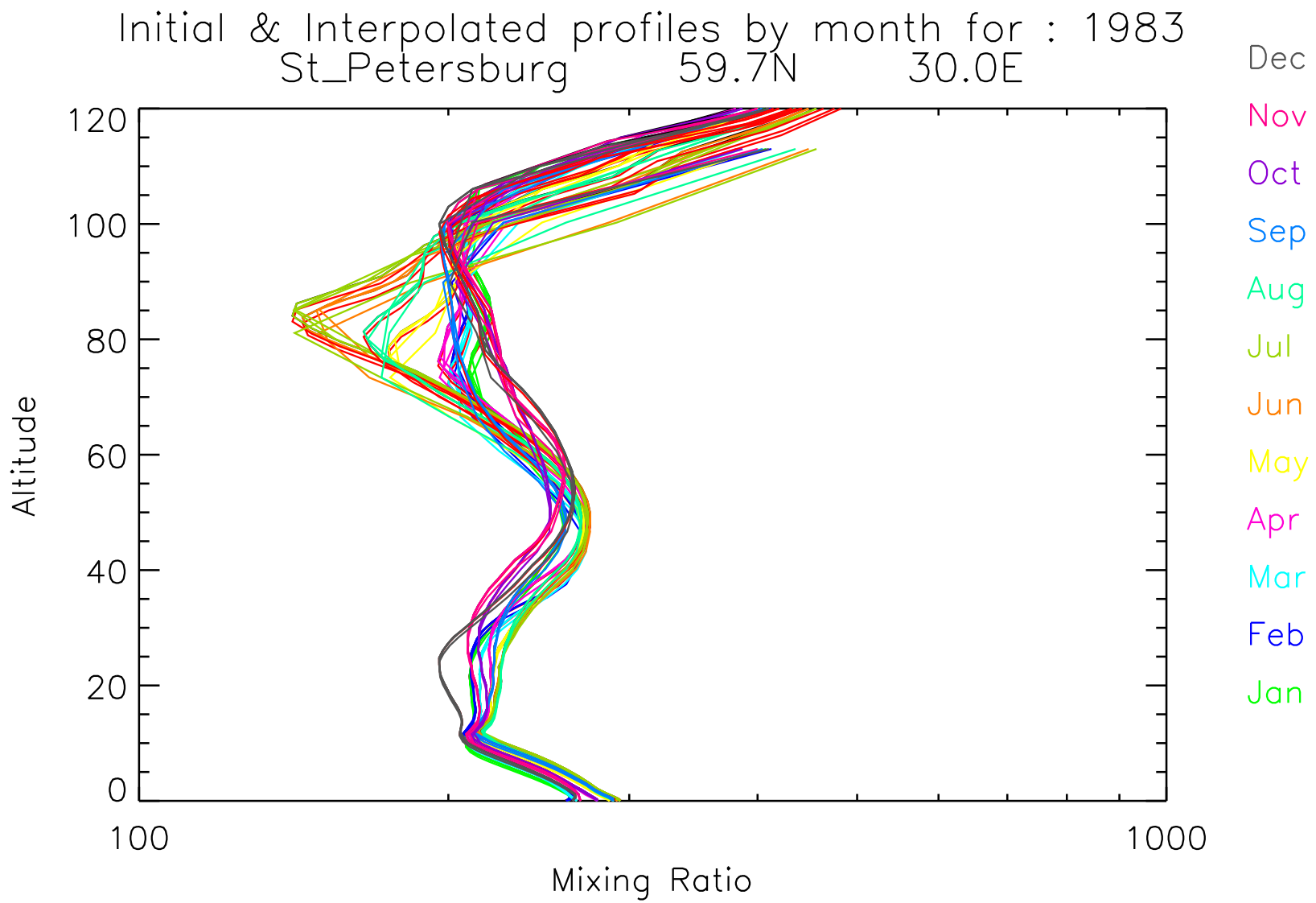
Initial & Interpolated profiles by month for : 1983
St_Petersburg 59.7N 30.0E
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Mixing Ratio
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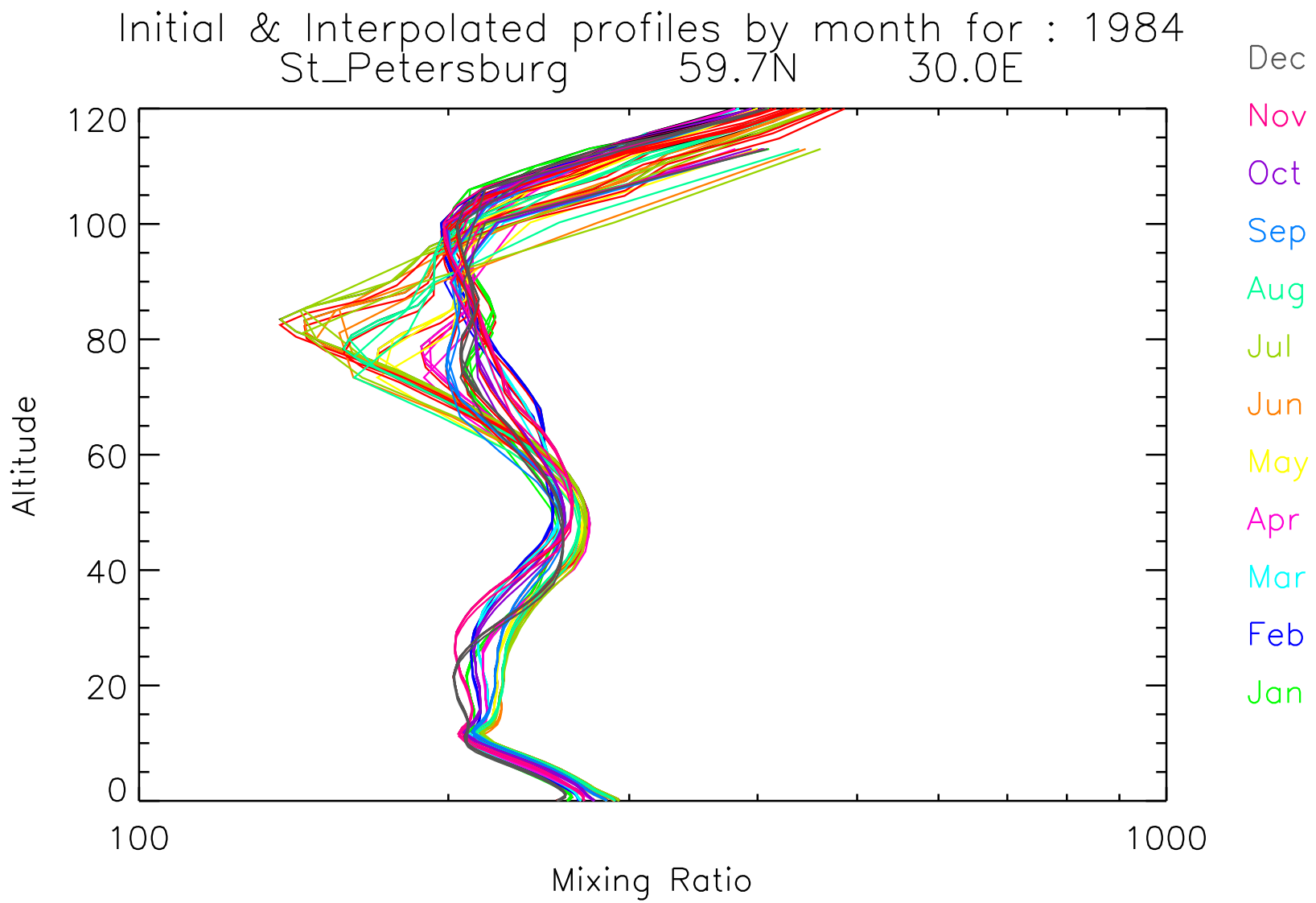
Initial & Interpolated profiles by month for : 1984
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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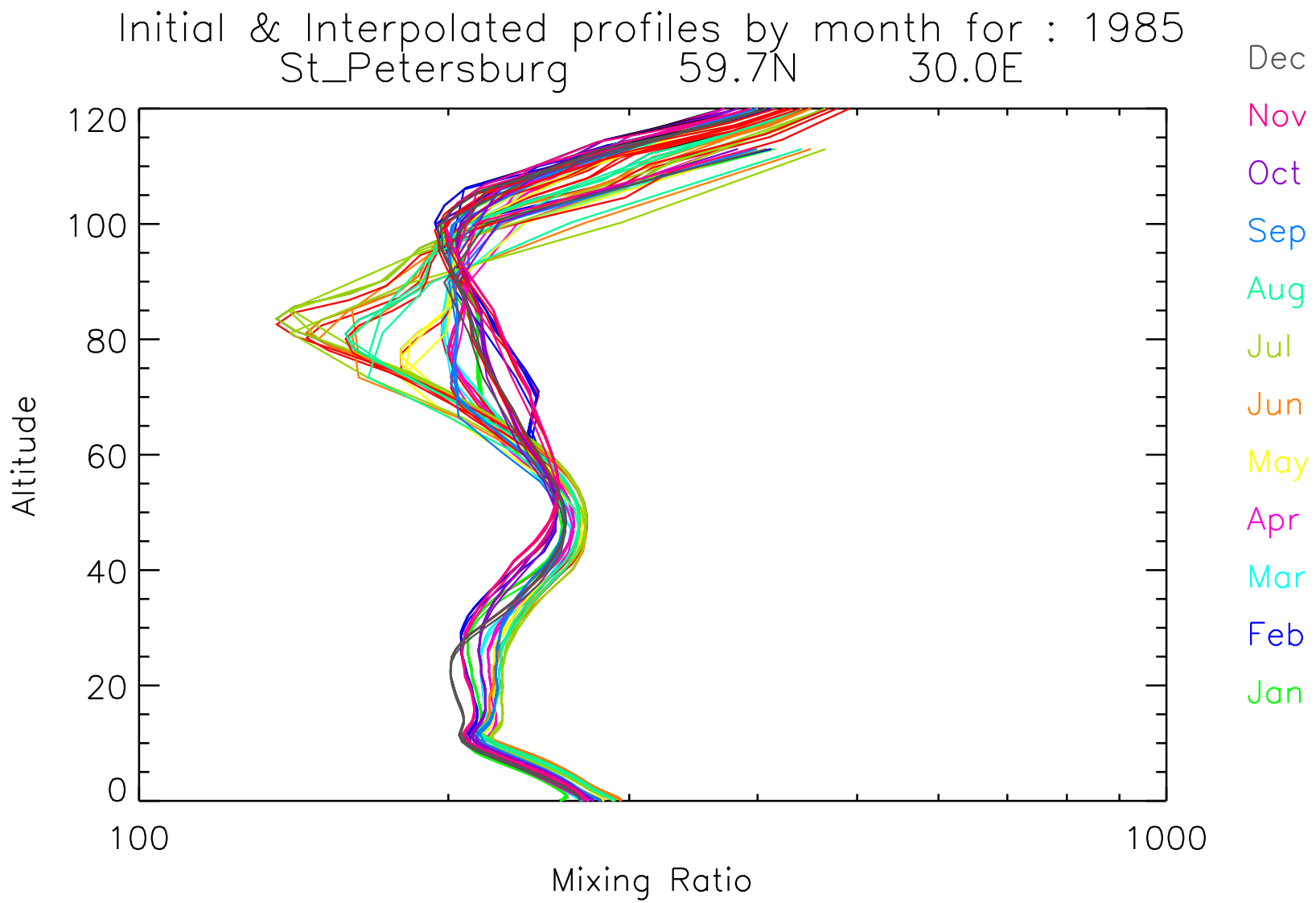
Initial & Interpolated profiles by month for : 1985
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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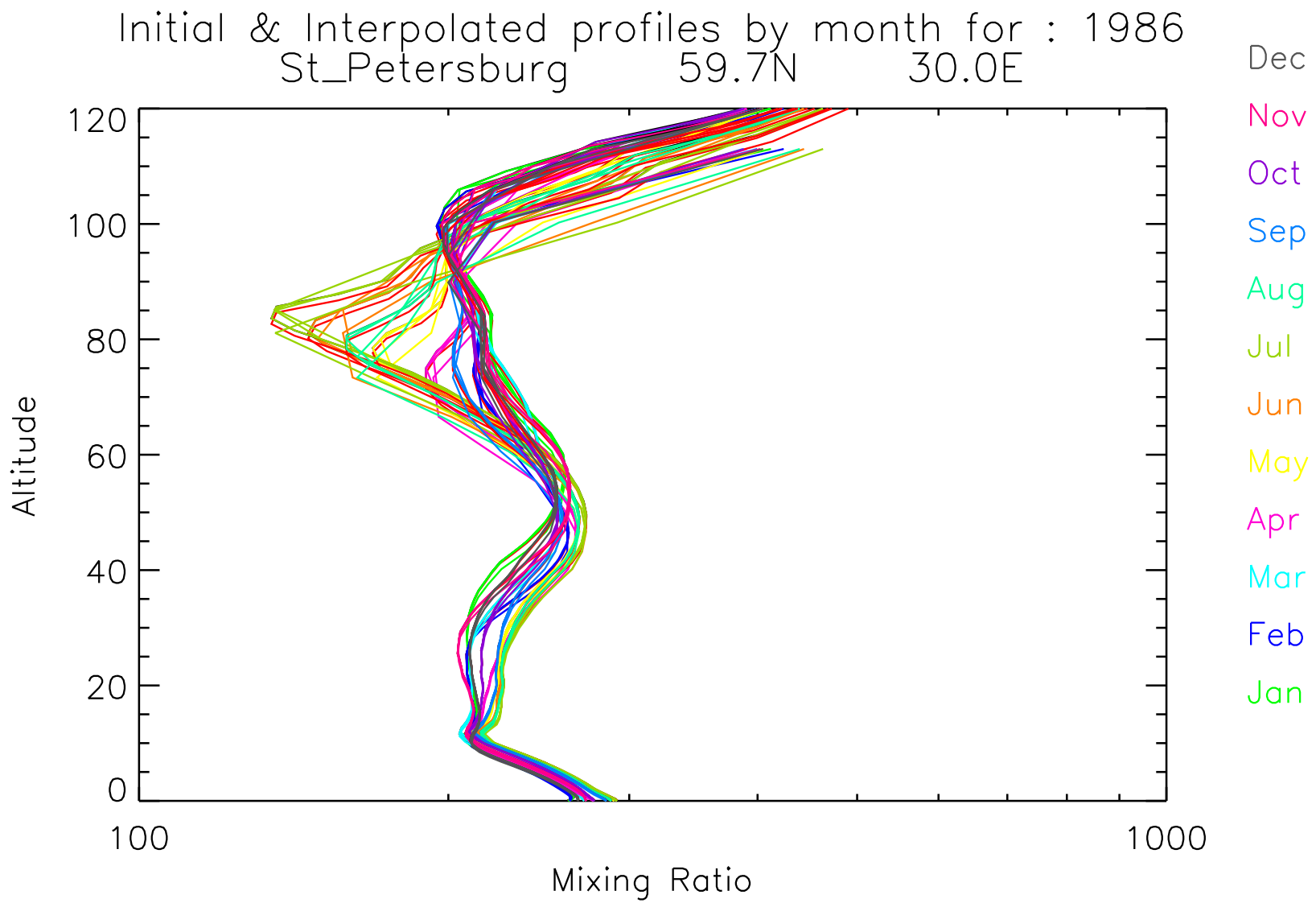
Initial & Interpolated profiles by month for : 1986
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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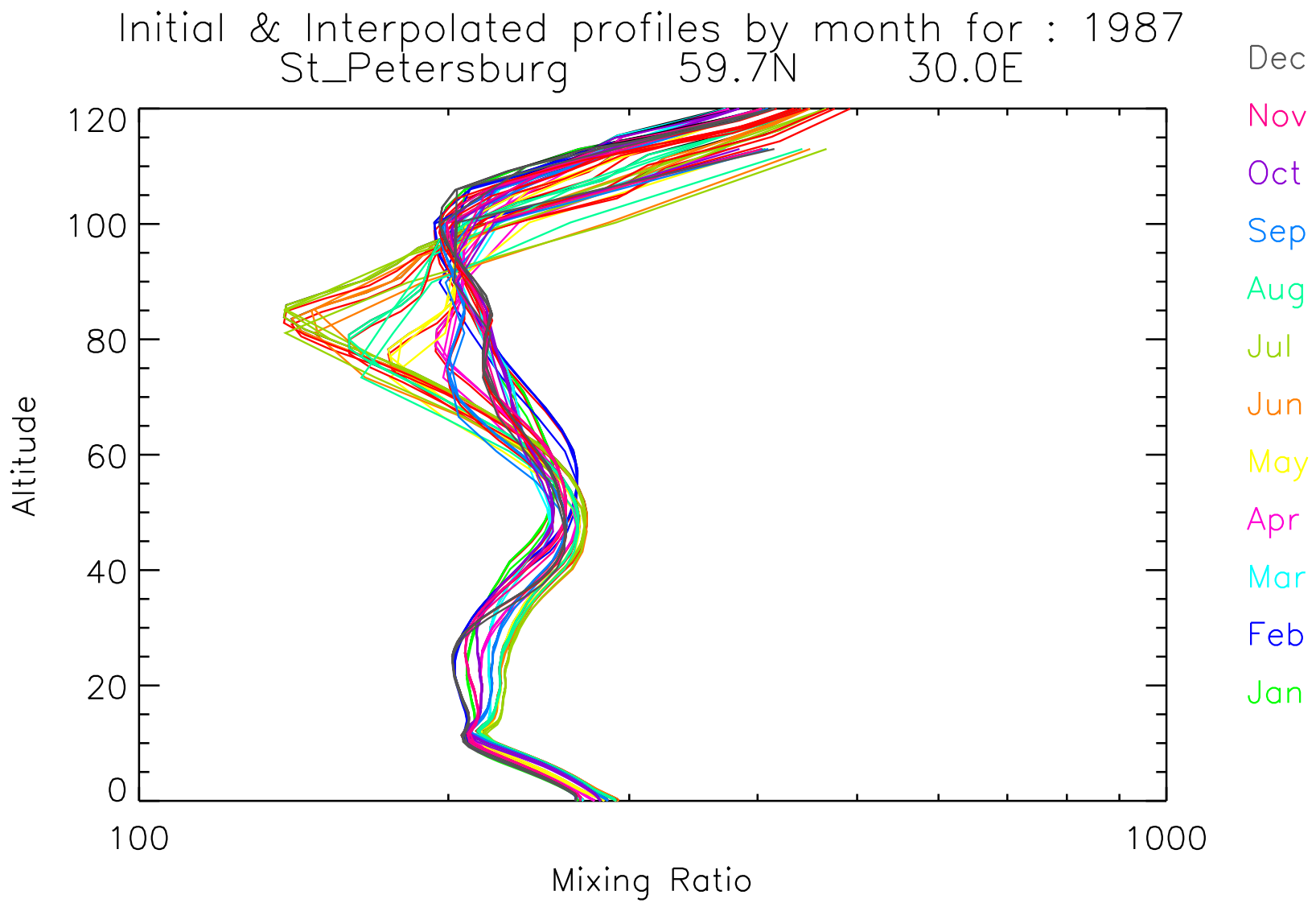
Initial & Interpolated profiles by month for : 1987
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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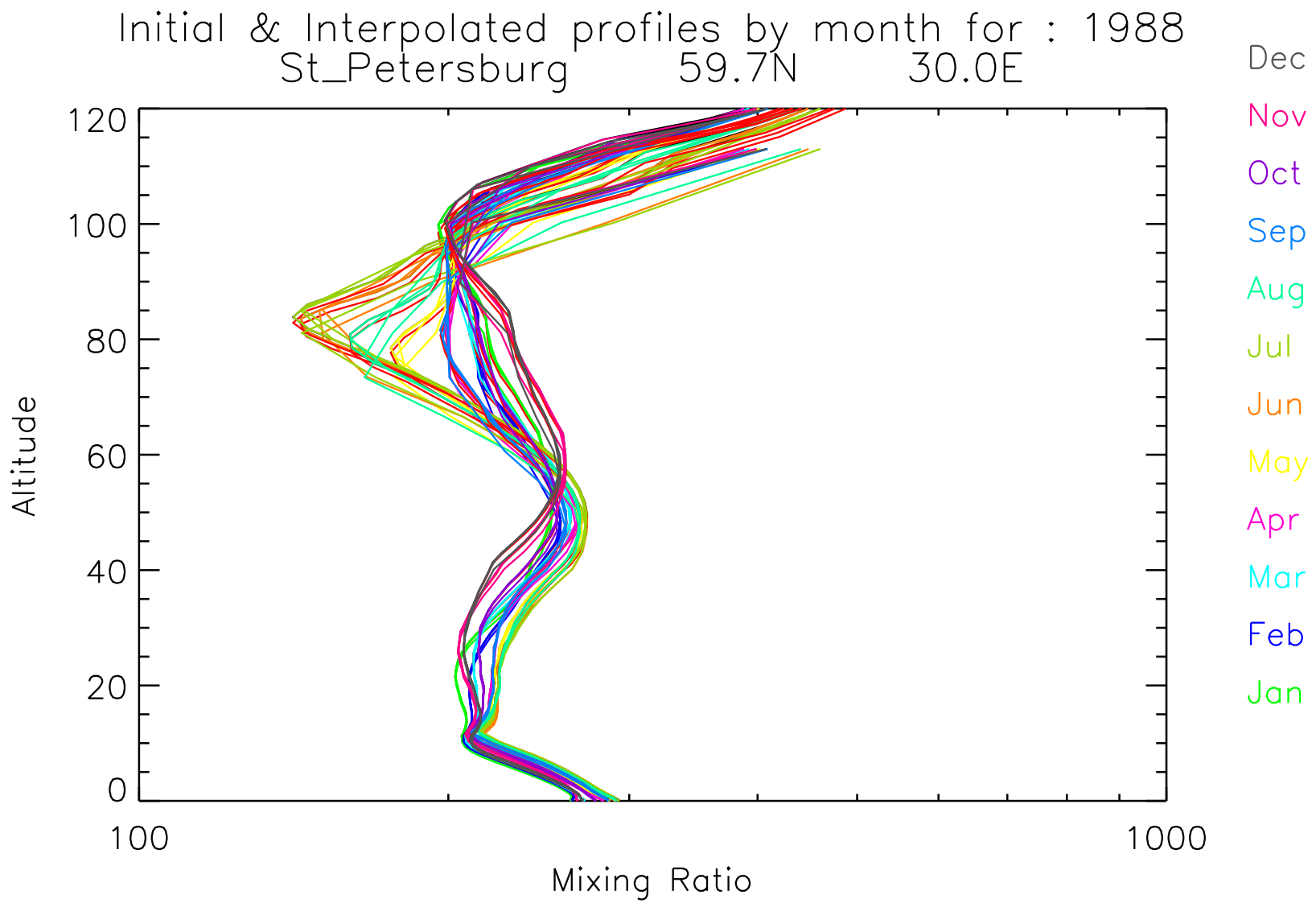
Initial & Interpolated profiles by month for : 1988
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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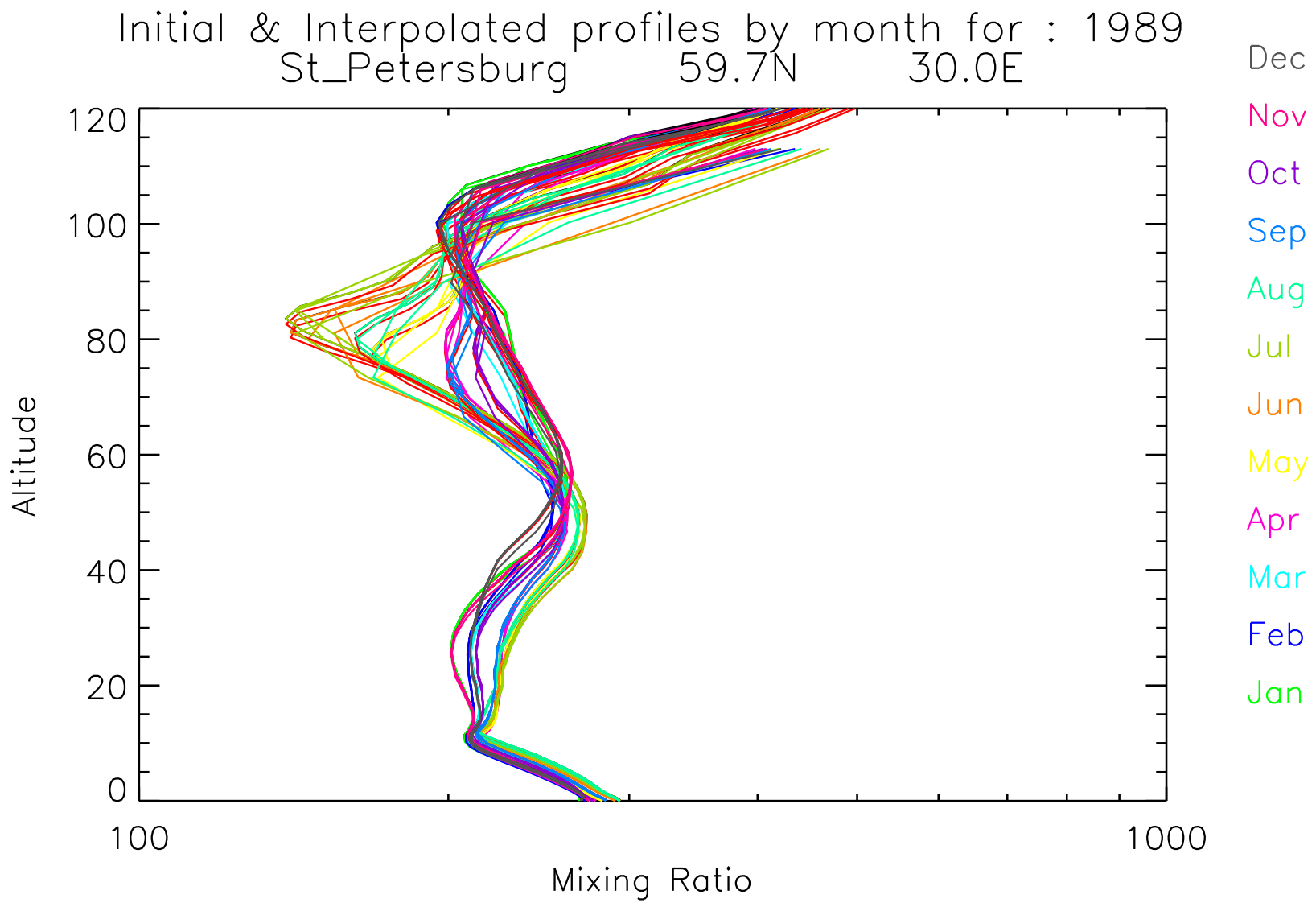
Initial & Interpolated profiles by month for : 1989
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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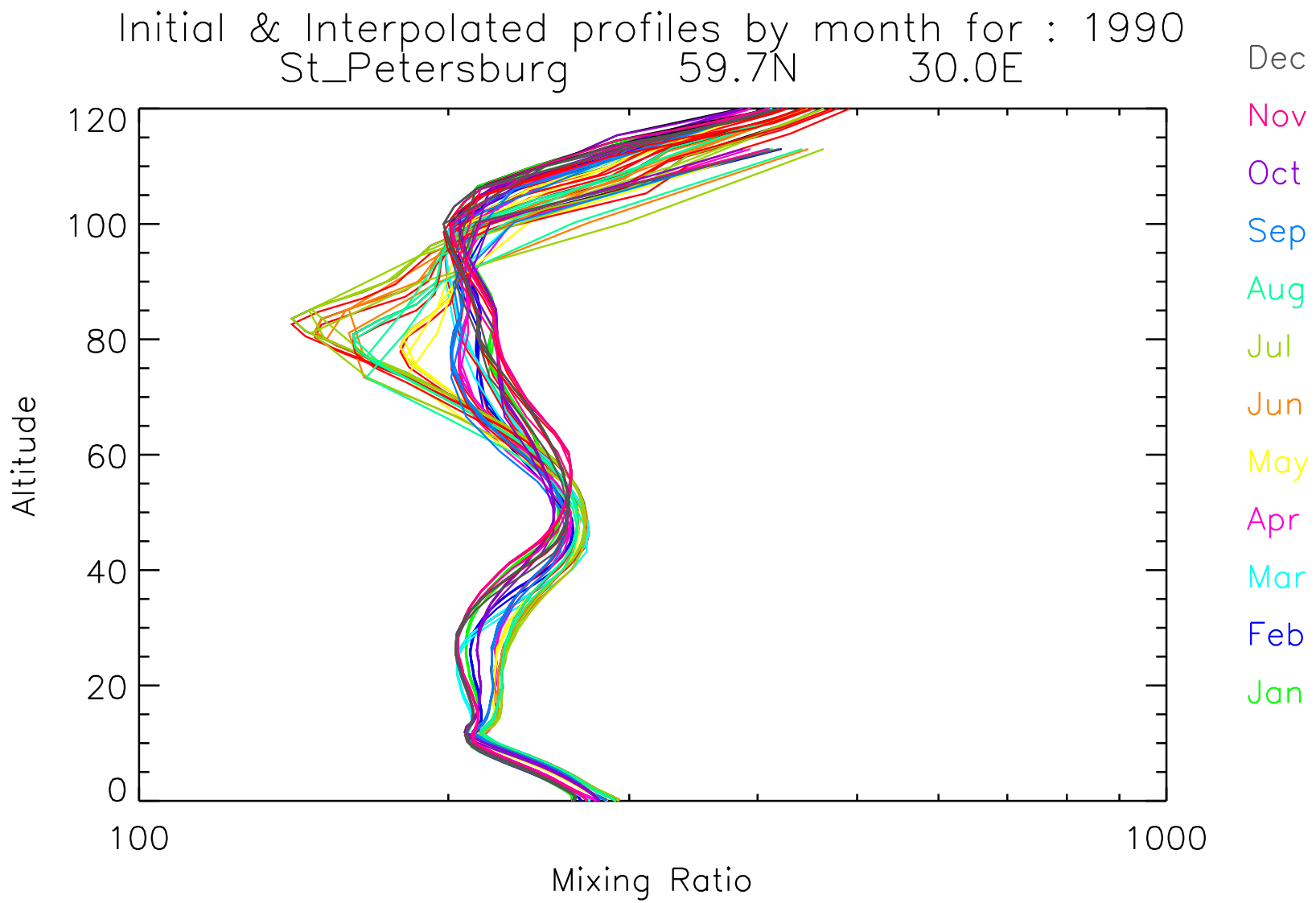
Initial & Interpolated profiles by month for : 1990
St_Petersburg 59.7N 30.0E
Altitude
120
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Mixing Ratio
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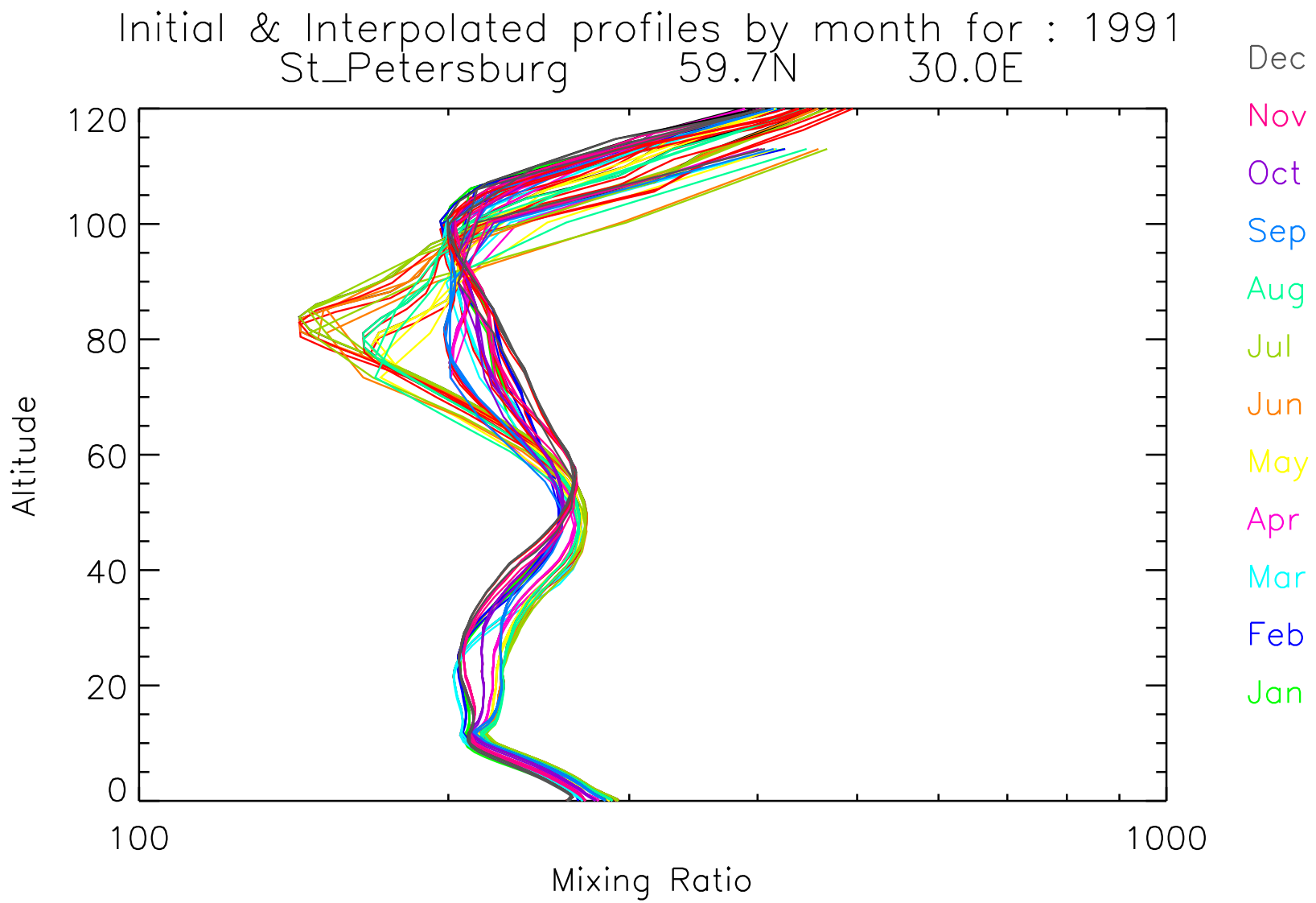
Initial & Interpolated profiles by month for : 1991
St_Petersburg 59.7N 30.0E
Altitude
120
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Mixing Ratio
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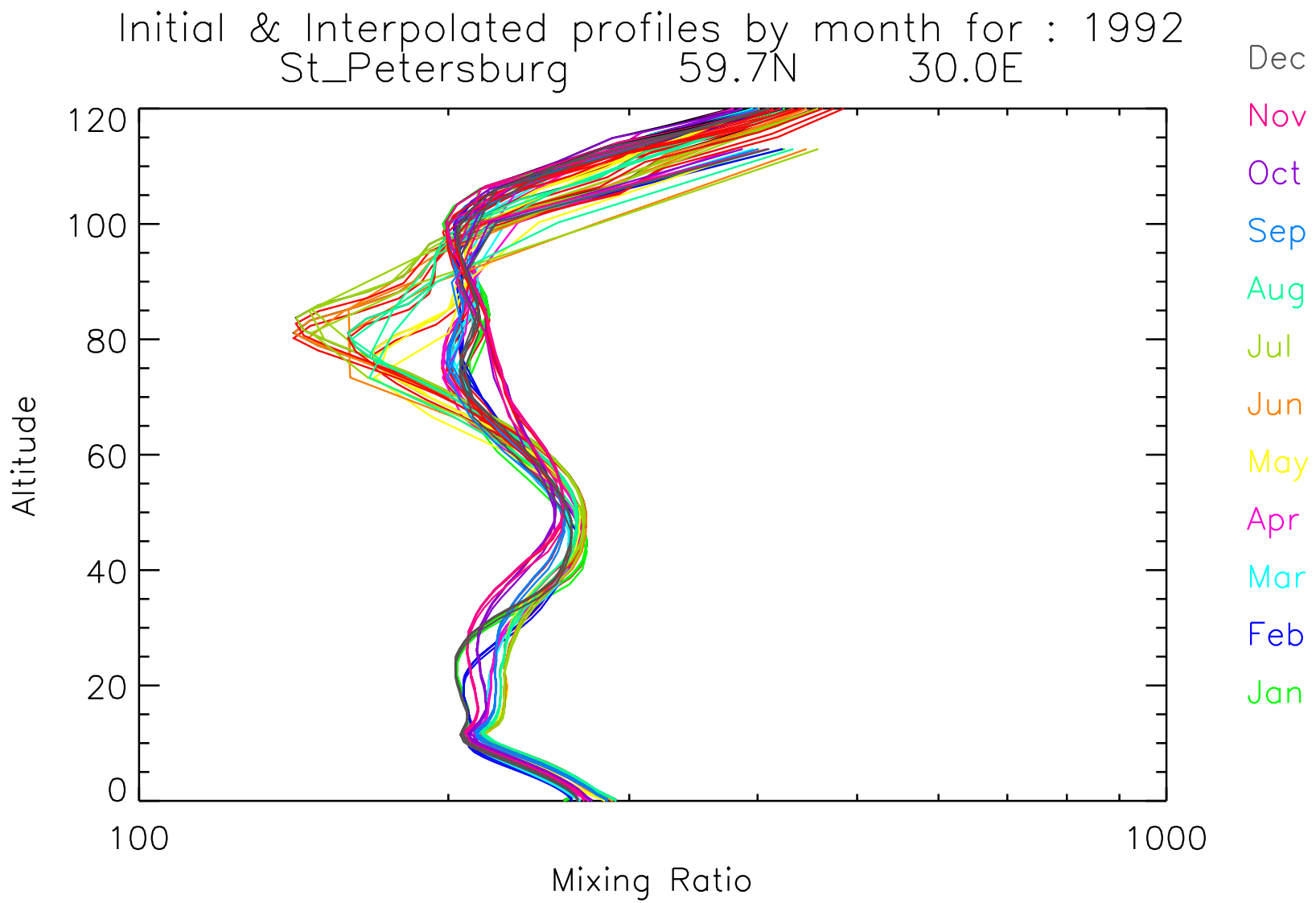
Initial & Interpolated profiles by month for : 1992
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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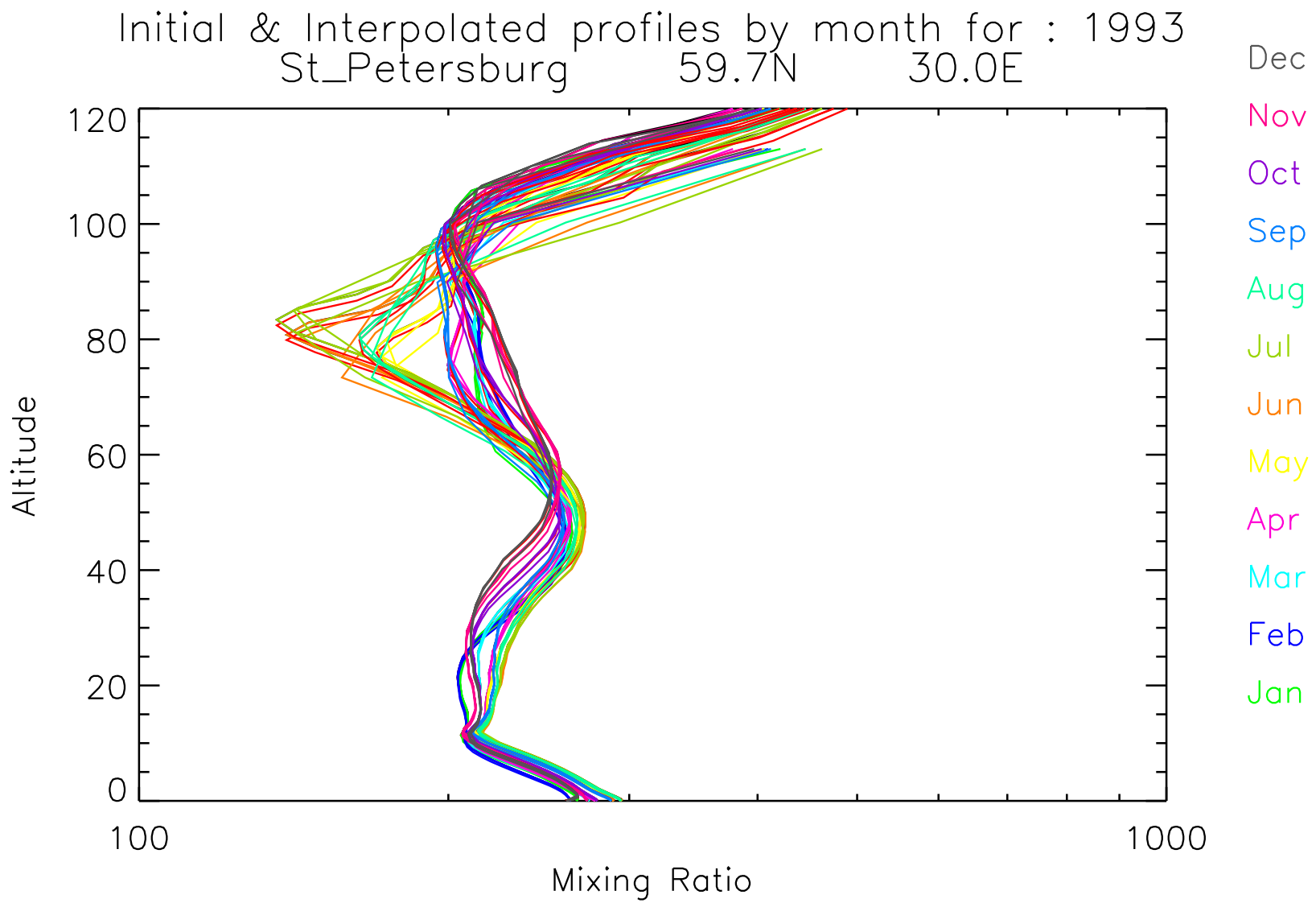
Initial & Interpolated profiles by month for : 1993
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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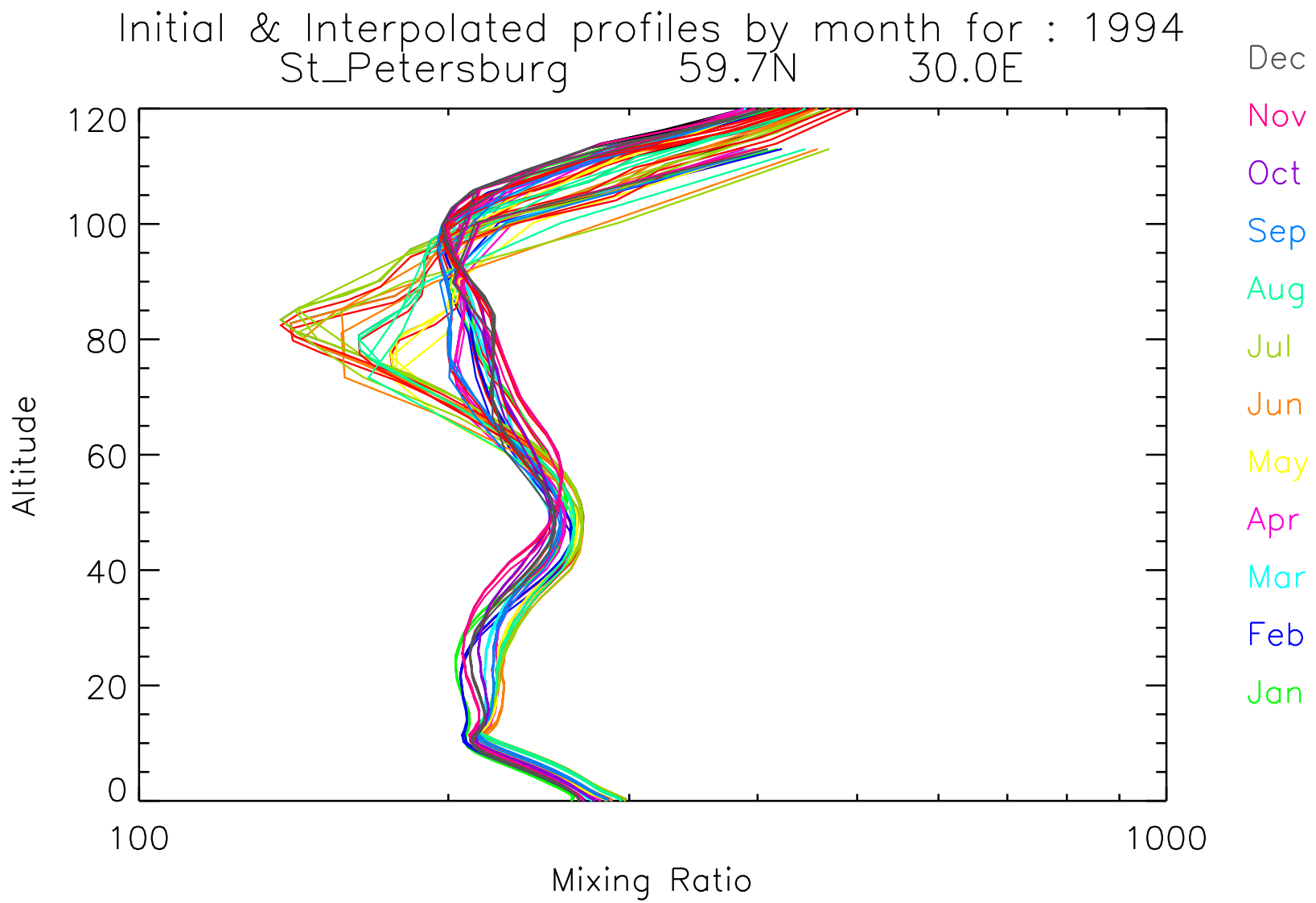
Initial & Interpolated profiles by month for : 1994
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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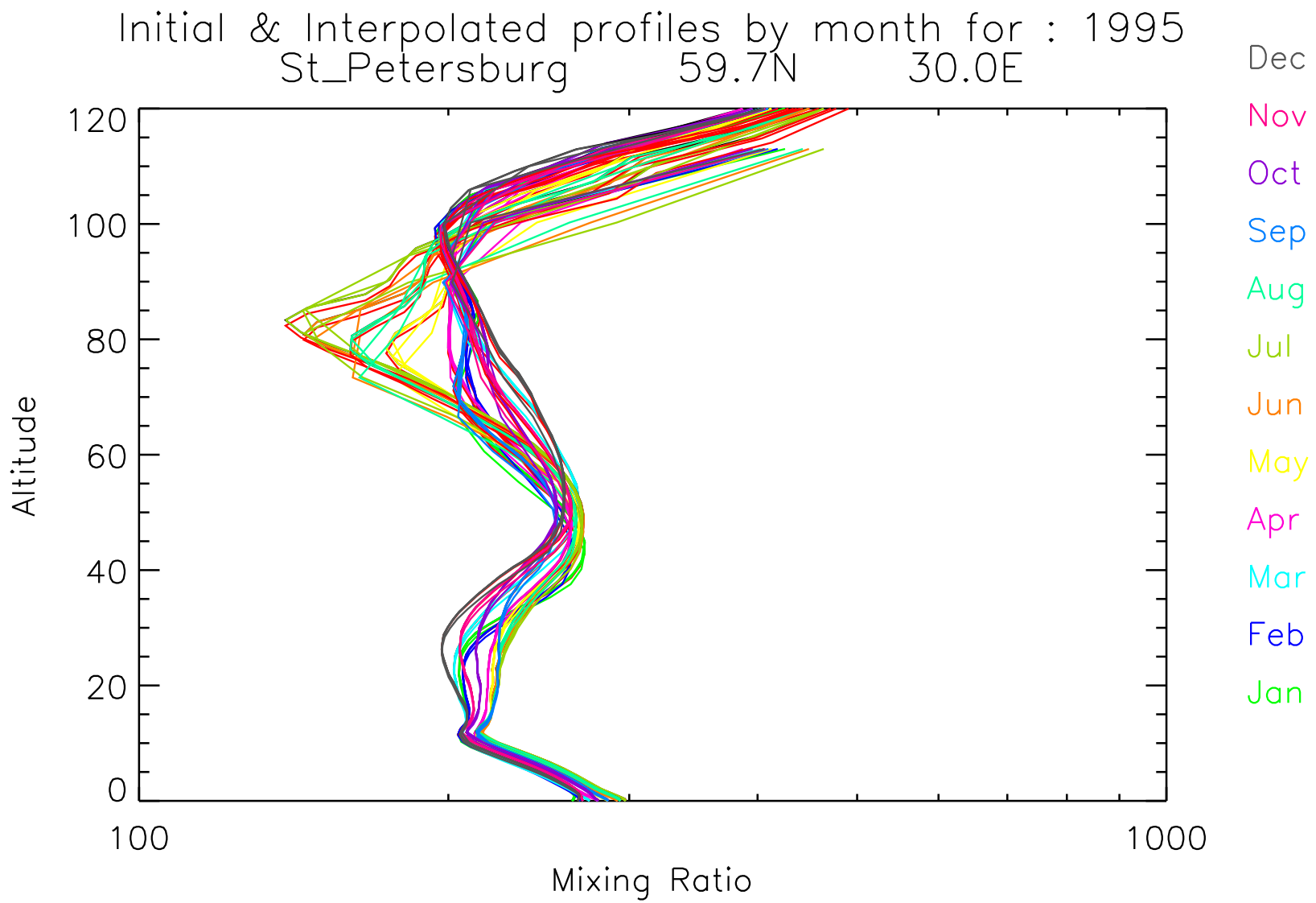
Initial & Interpolated profiles by month for : 1995
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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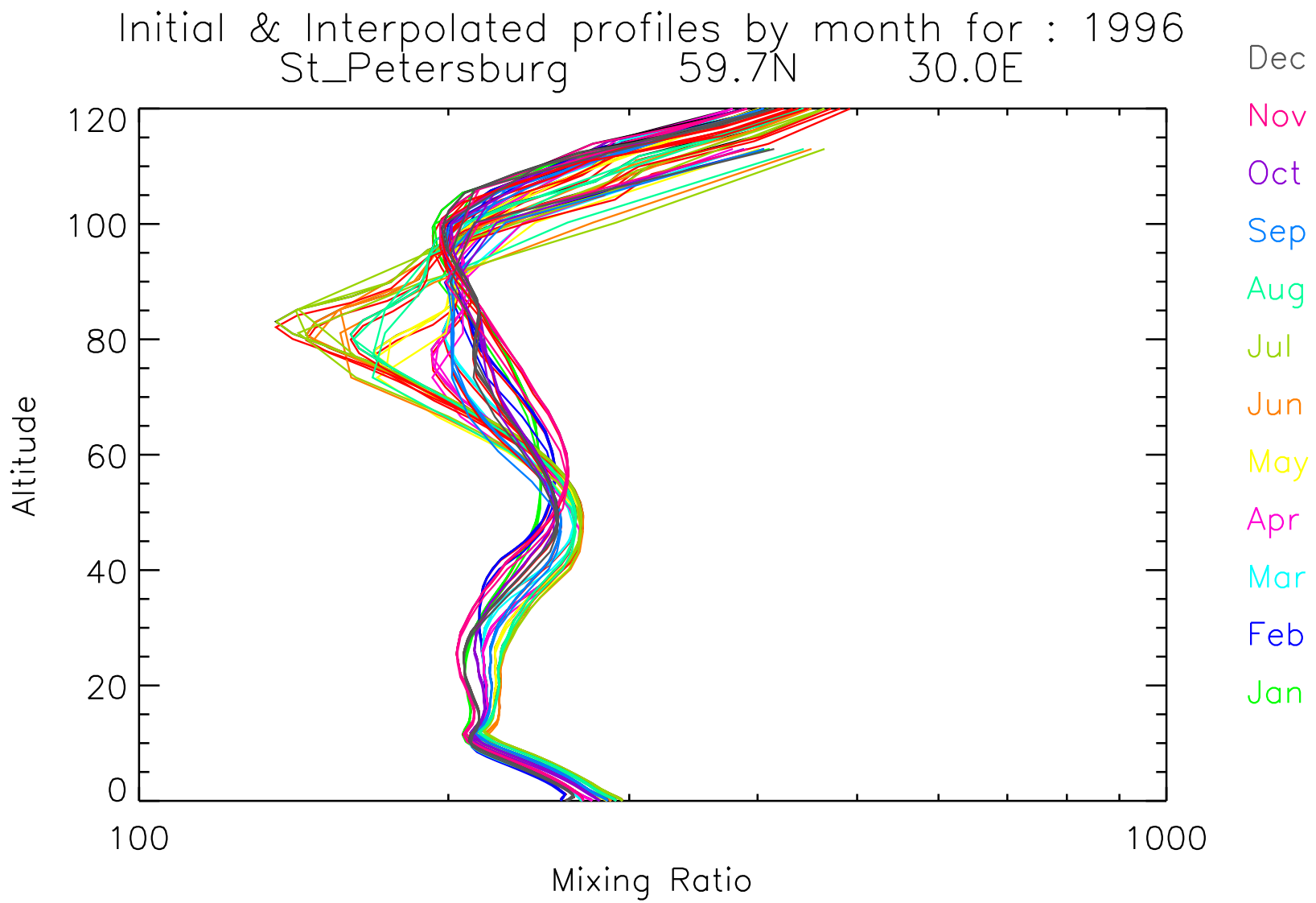
Initial & Interpolated profiles by month for : 1996
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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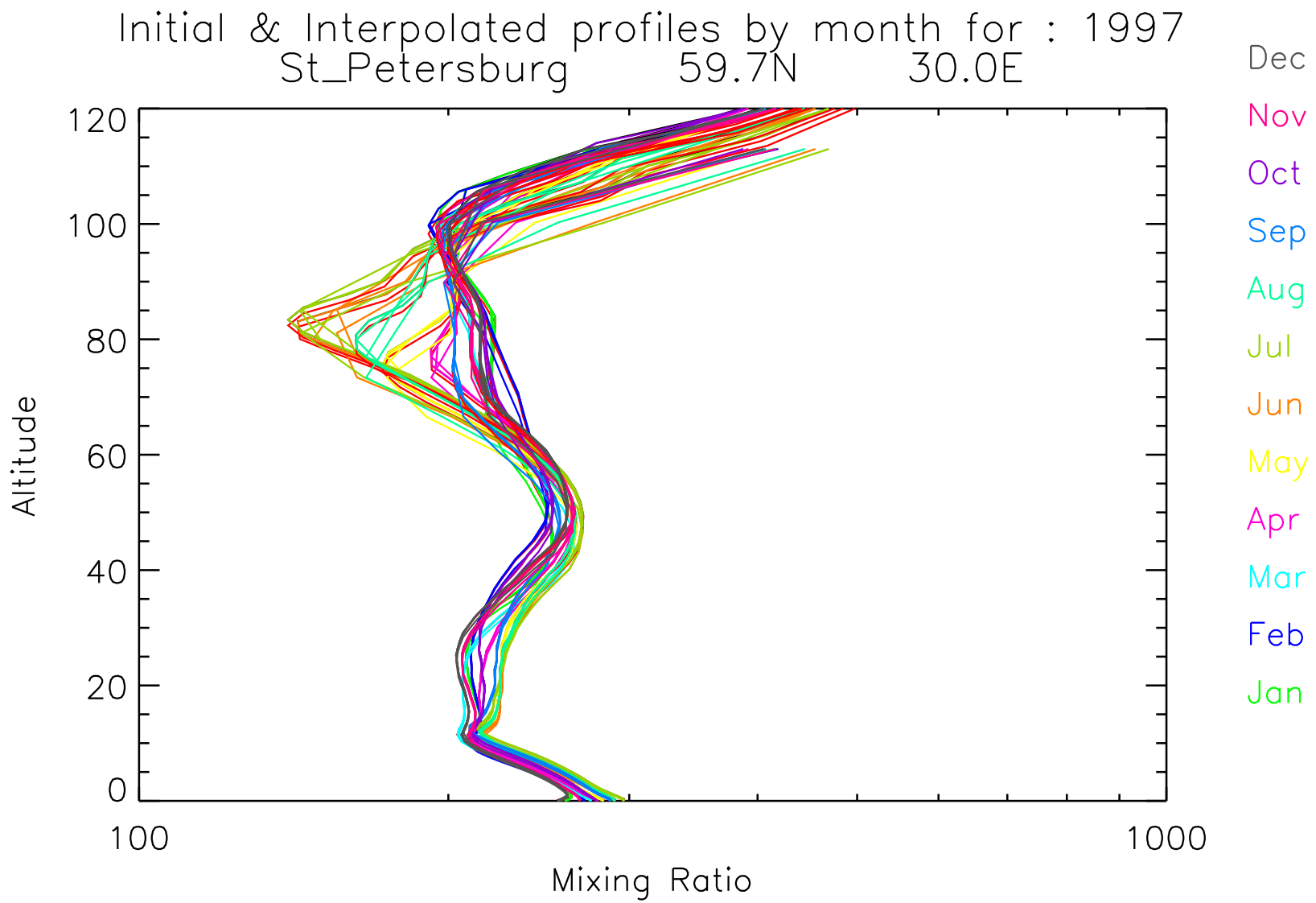
Initial & Interpolated profiles by month for : 1997
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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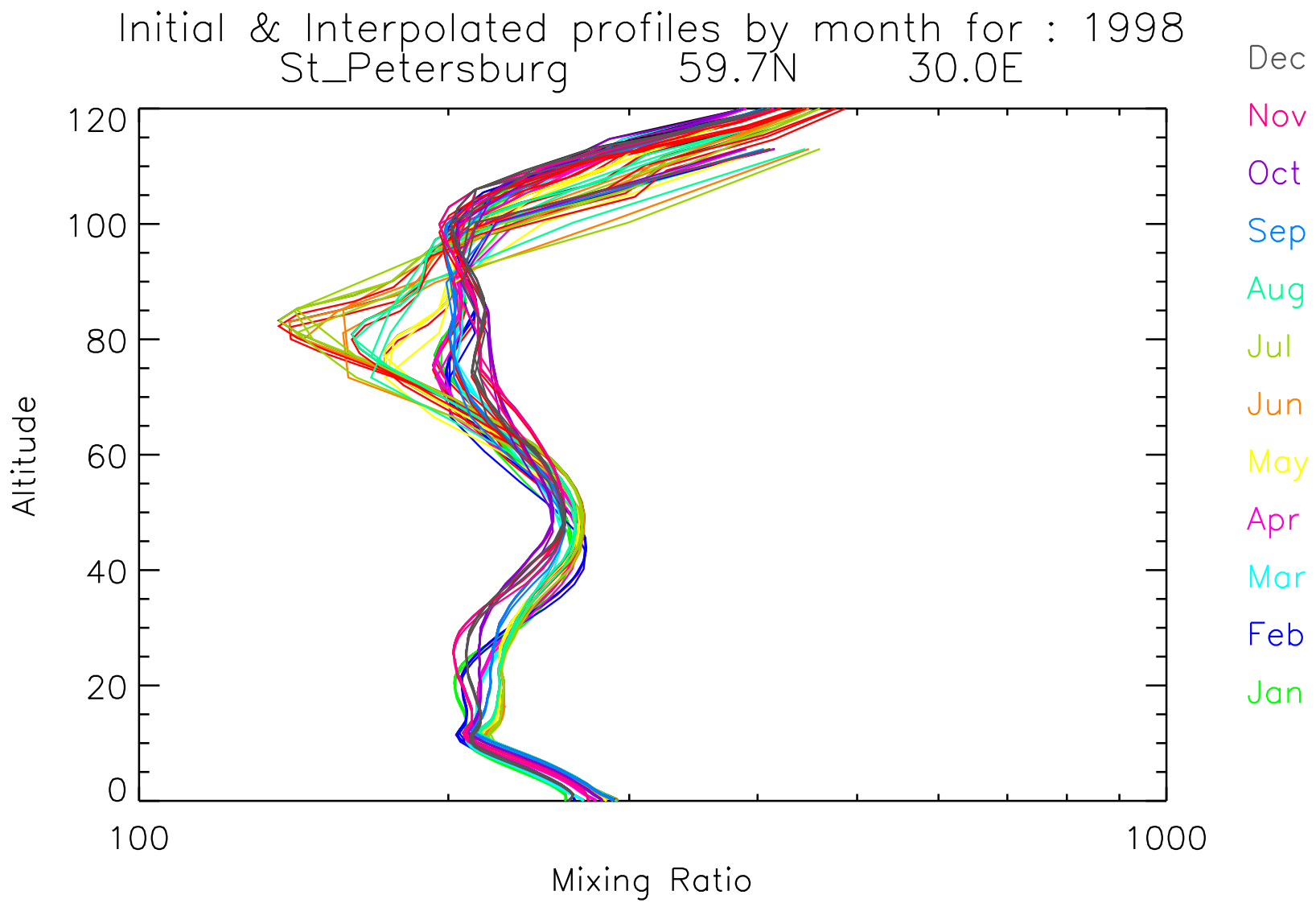
Initial & Interpolated profiles by month for : 1998
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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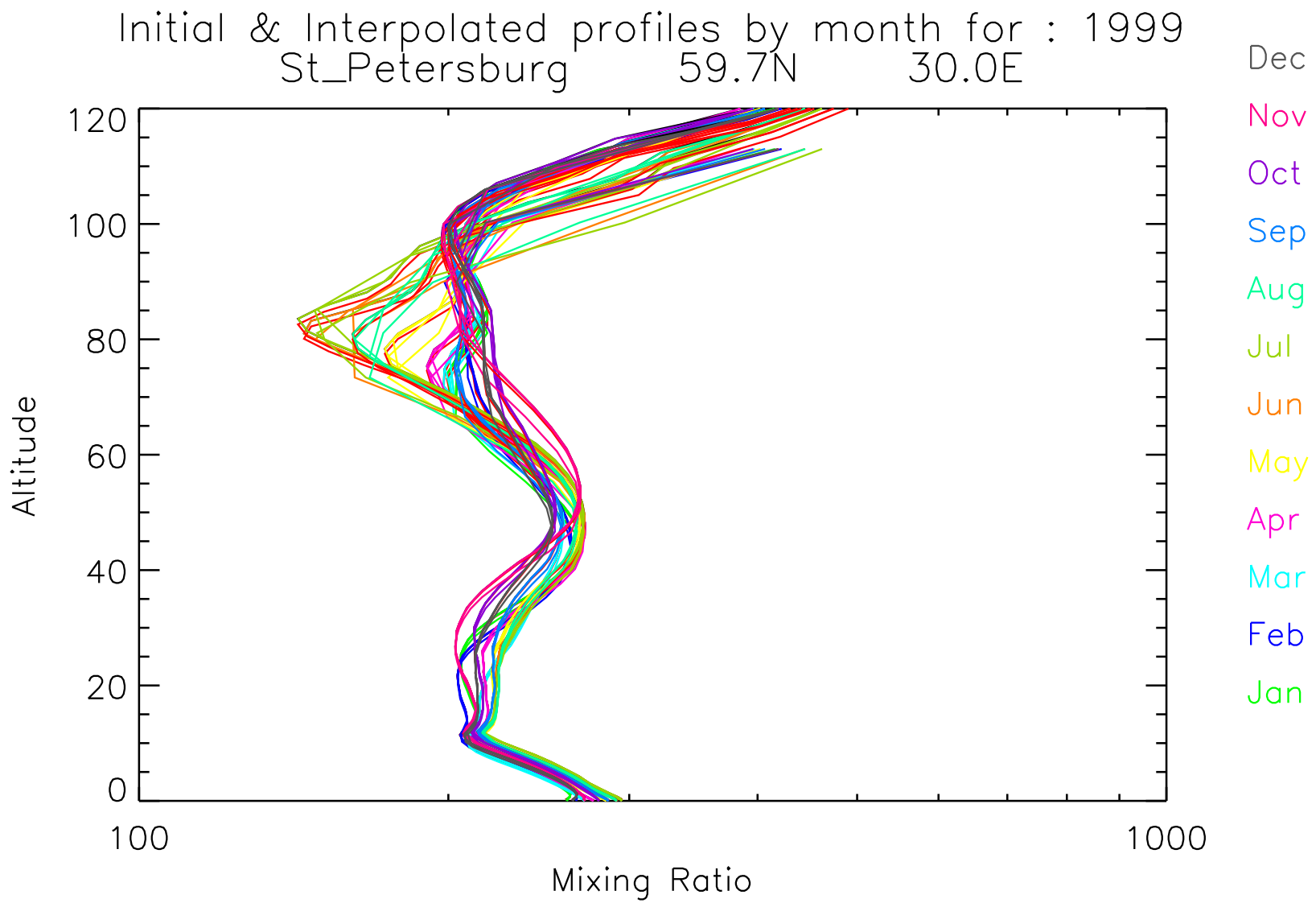
Initial & Interpolated profiles by month for : 1999
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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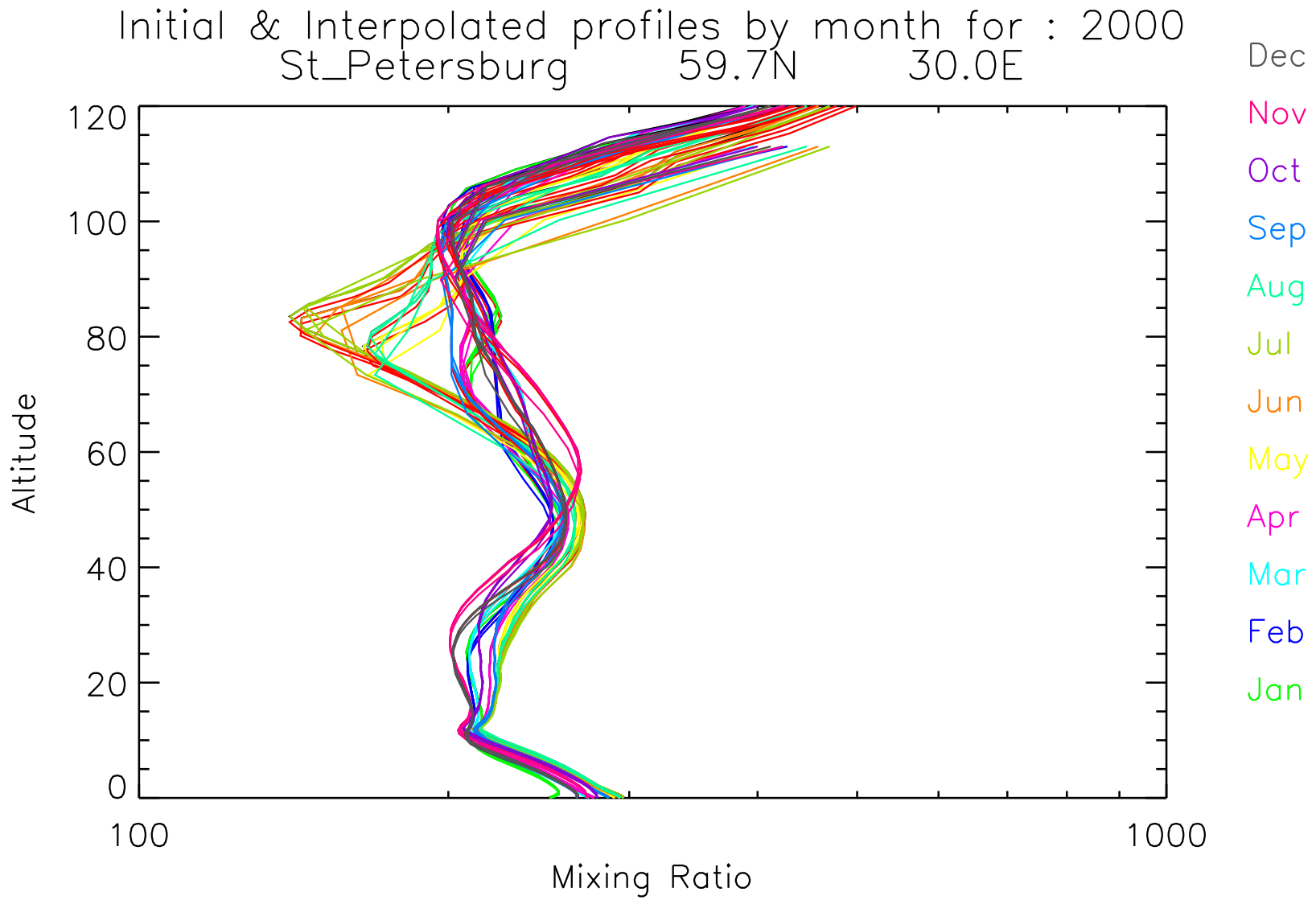
Initial & Interpolated profiles by month for : 2000
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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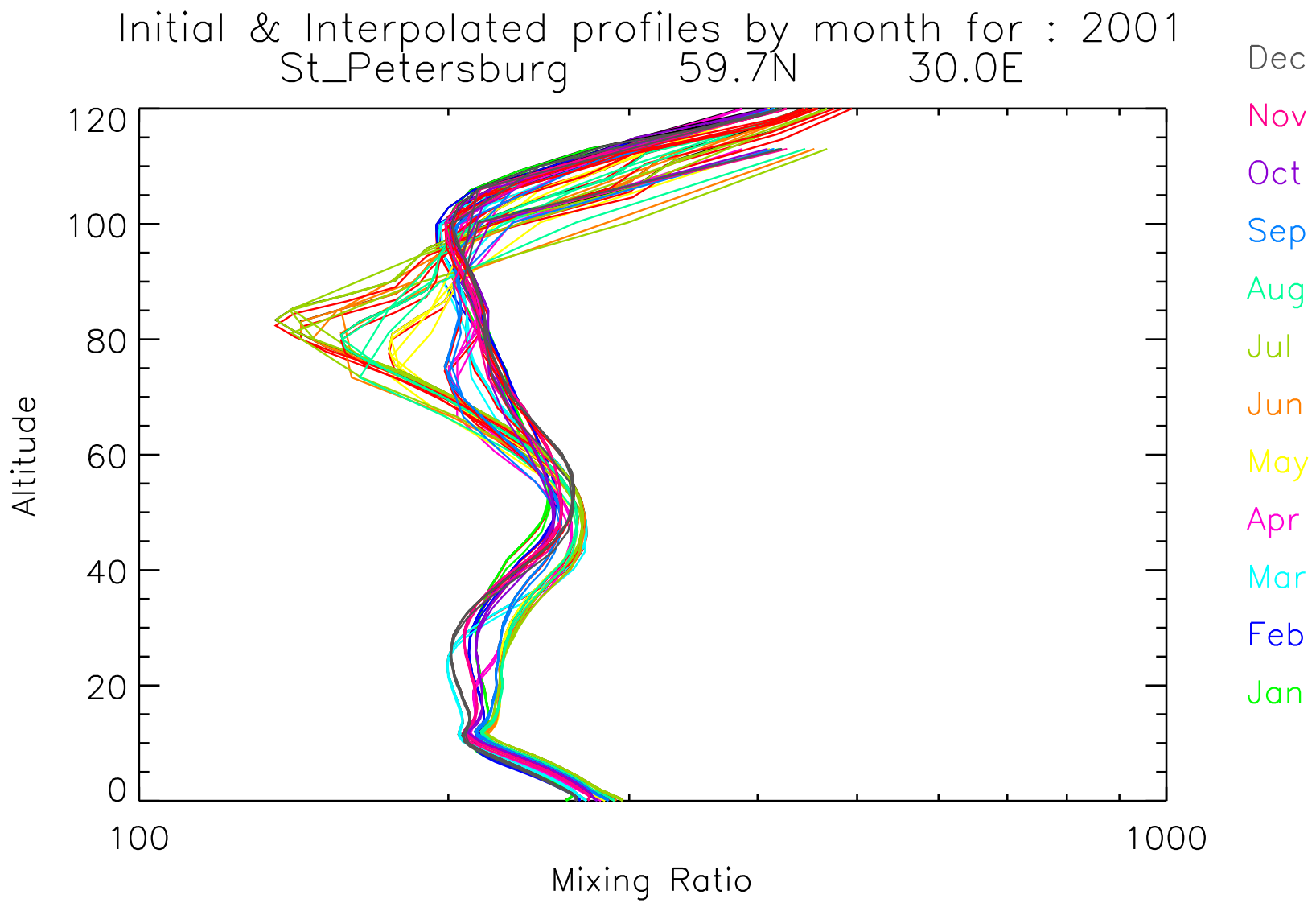
Initial & Interpolated profiles by month for : 2001
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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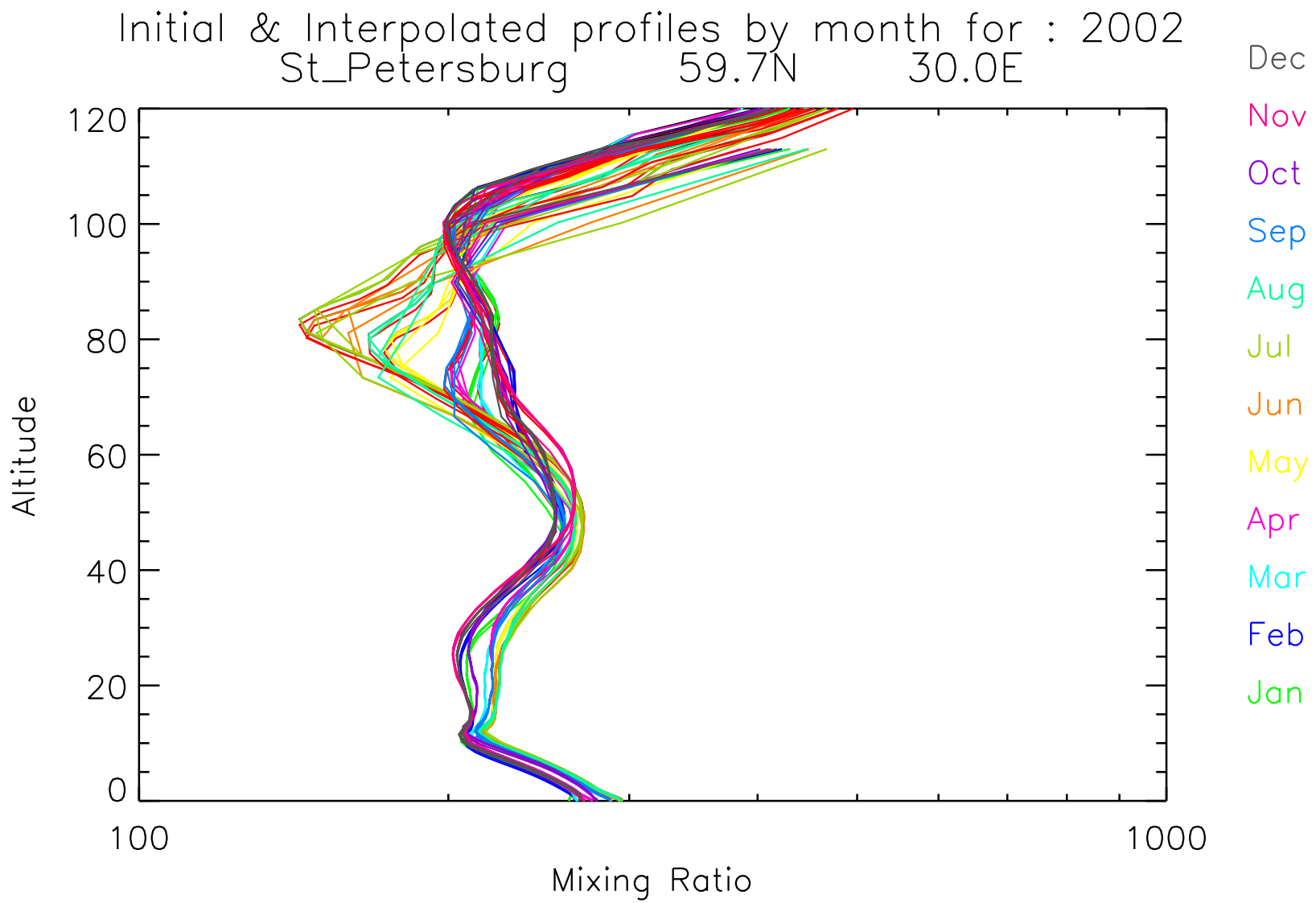
Initial & Interpolated profiles by month for : 2002
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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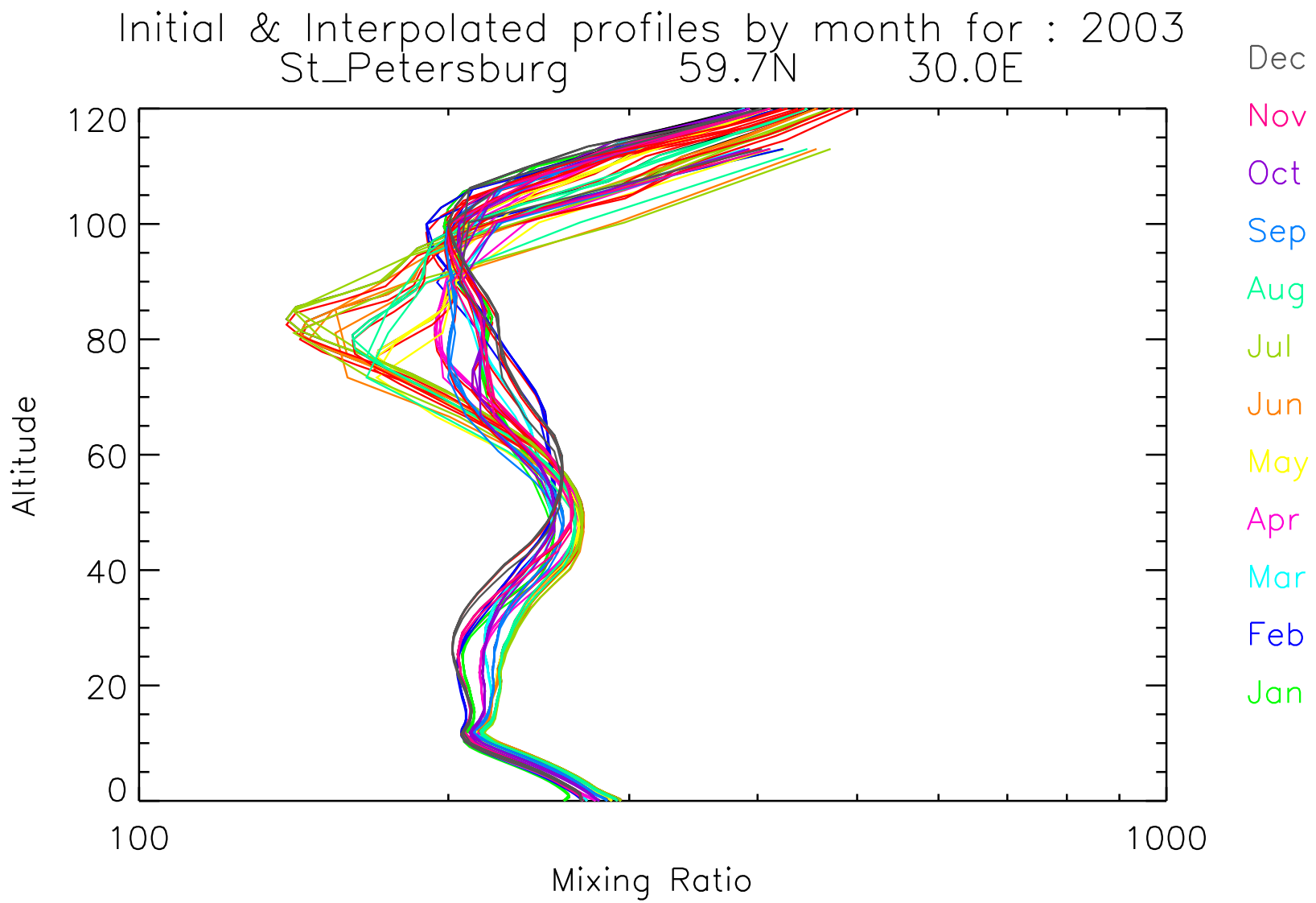
Initial & Interpolated profiles by month for : 2003
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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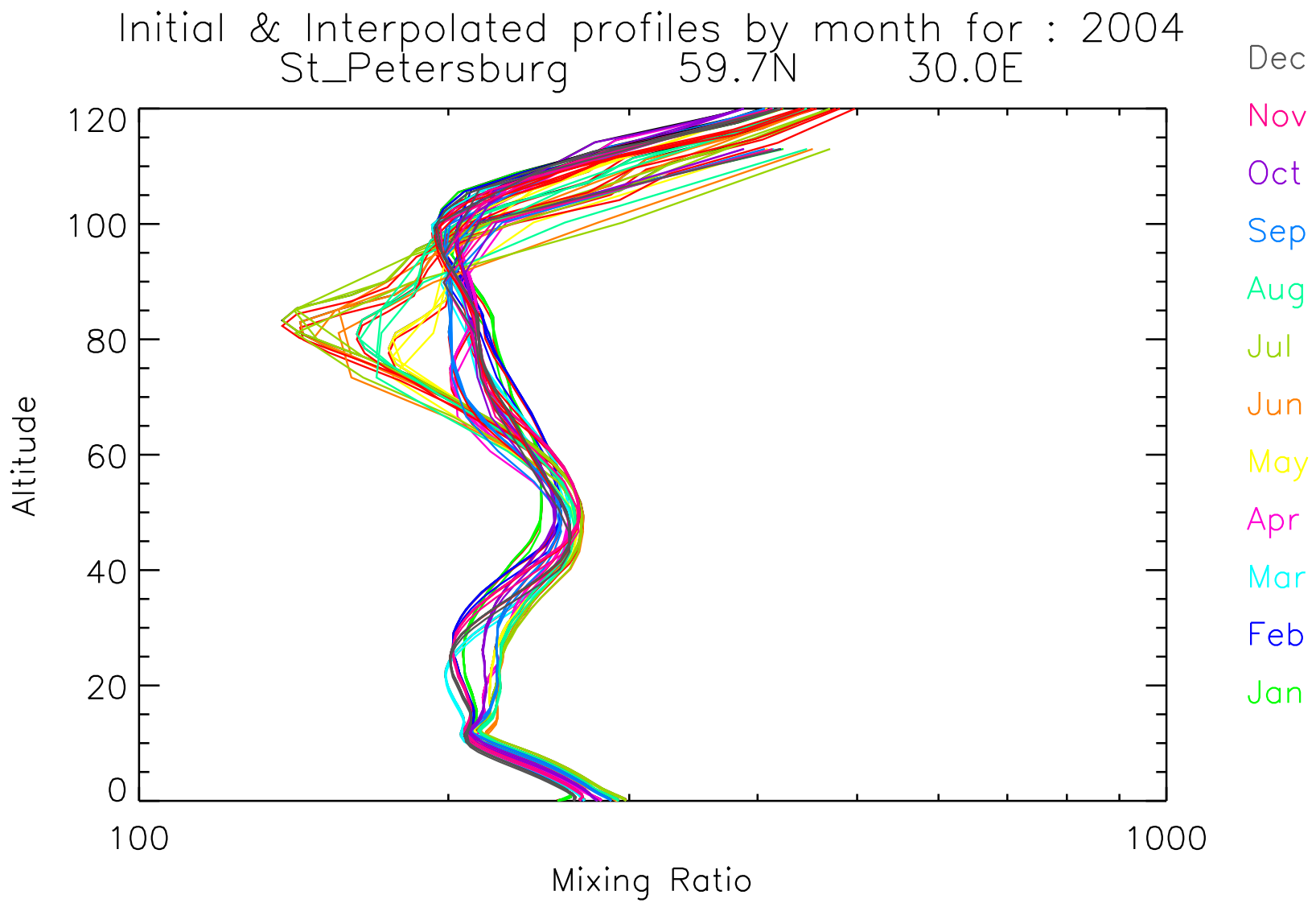
Initial & Interpolated profiles by month for : 2004
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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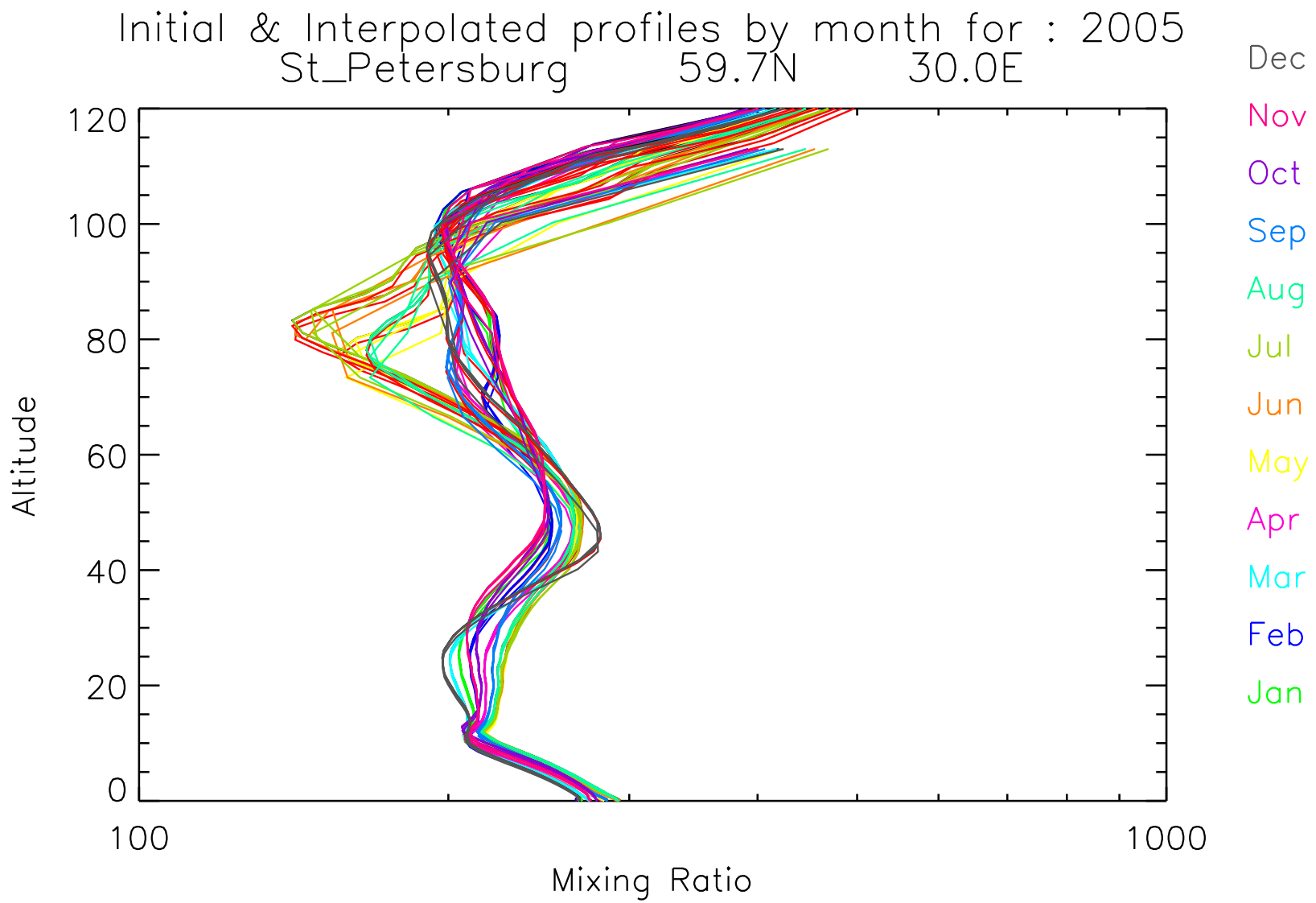
Initial & Interpolated profiles by month for : 2005
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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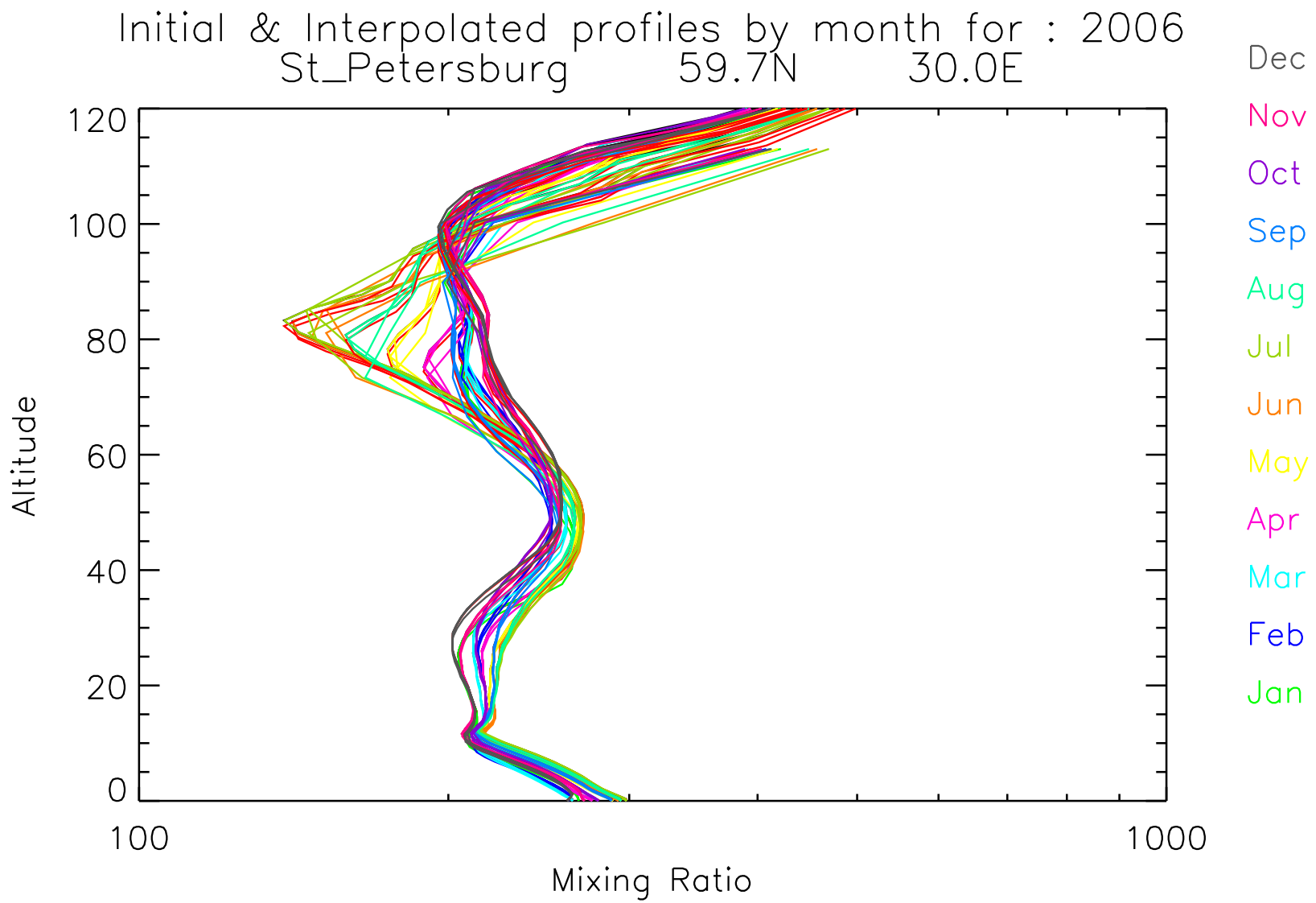
Initial & Interpolated profiles by month for : 2006
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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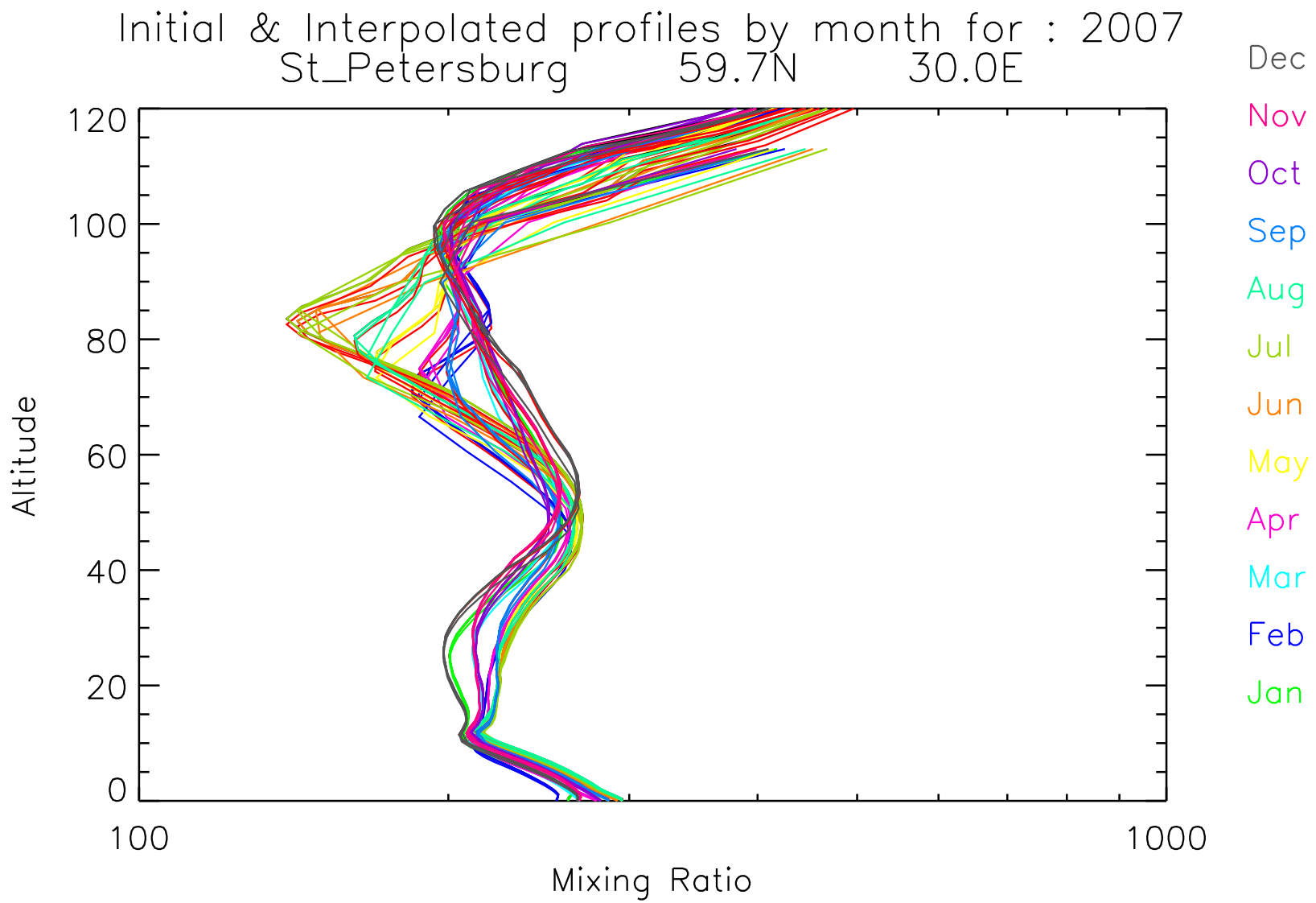
Initial & Interpolated profiles by month for : 2007
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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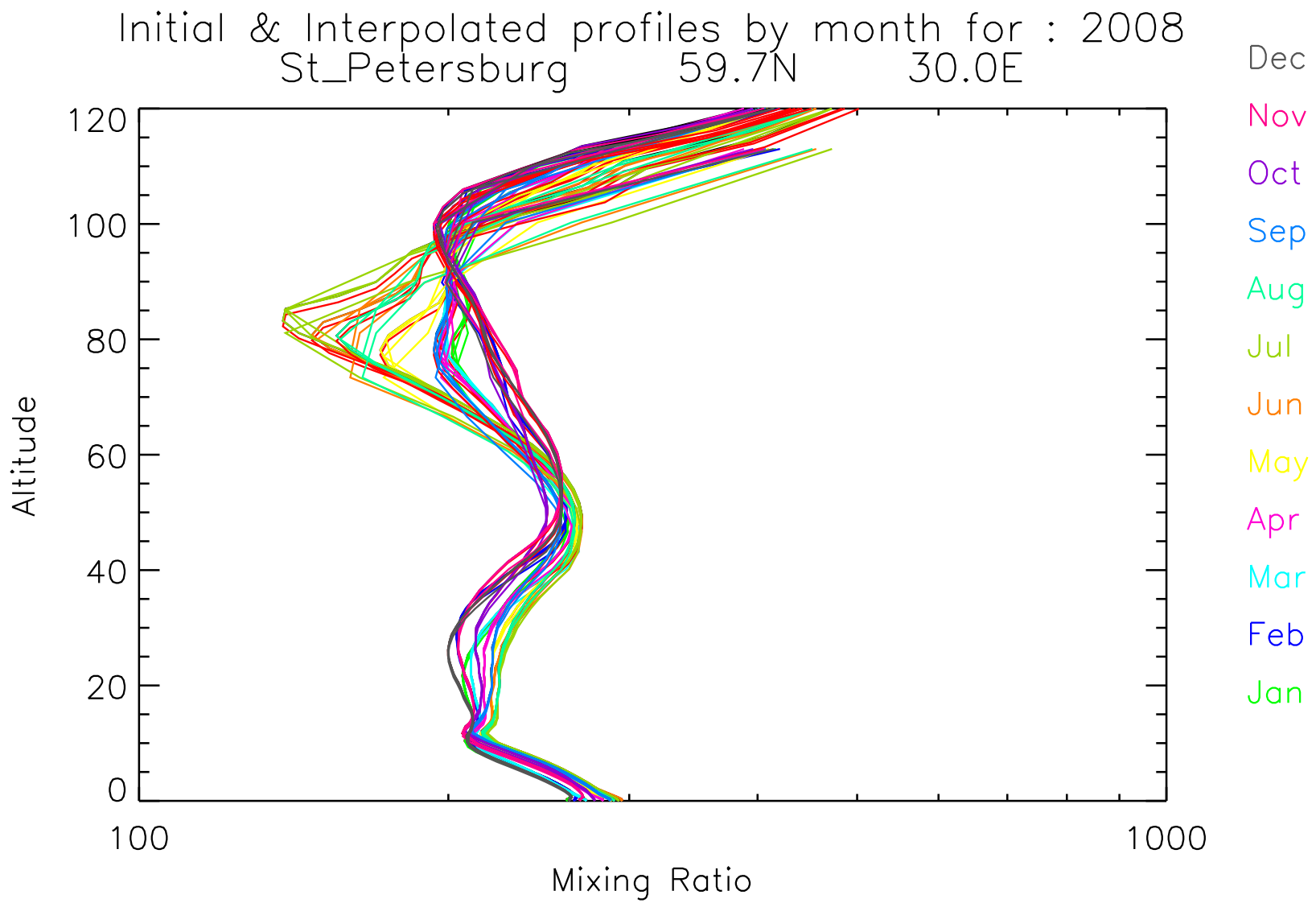
Initial & Interpolated profiles by month for : 2008
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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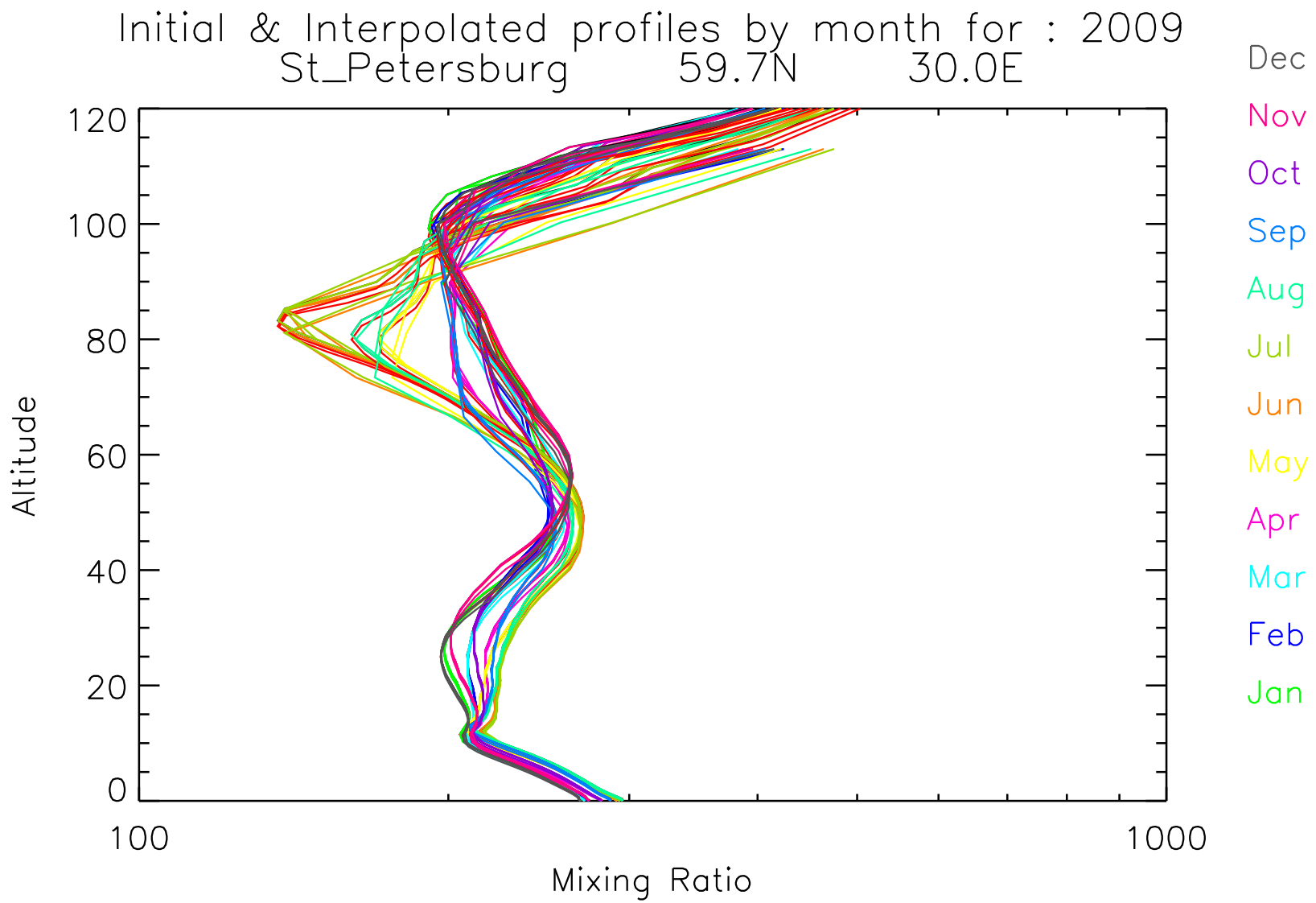
Initial & Interpolated profiles by month for : 2009
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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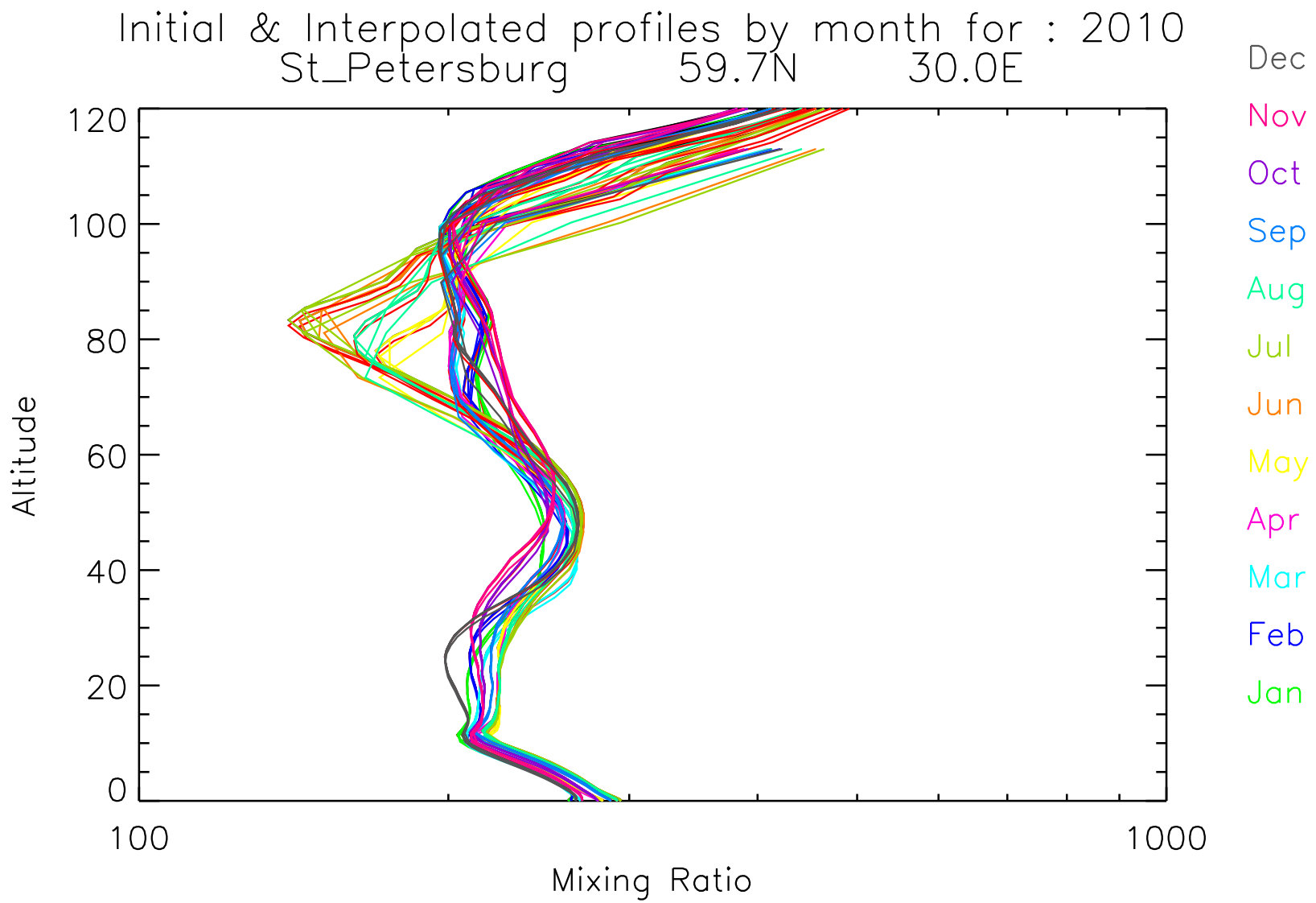
Initial & Interpolated profiles by month for : 2010
St_Petersburg 59.7N 30.0E
Altitude
120
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Mixing Ratio
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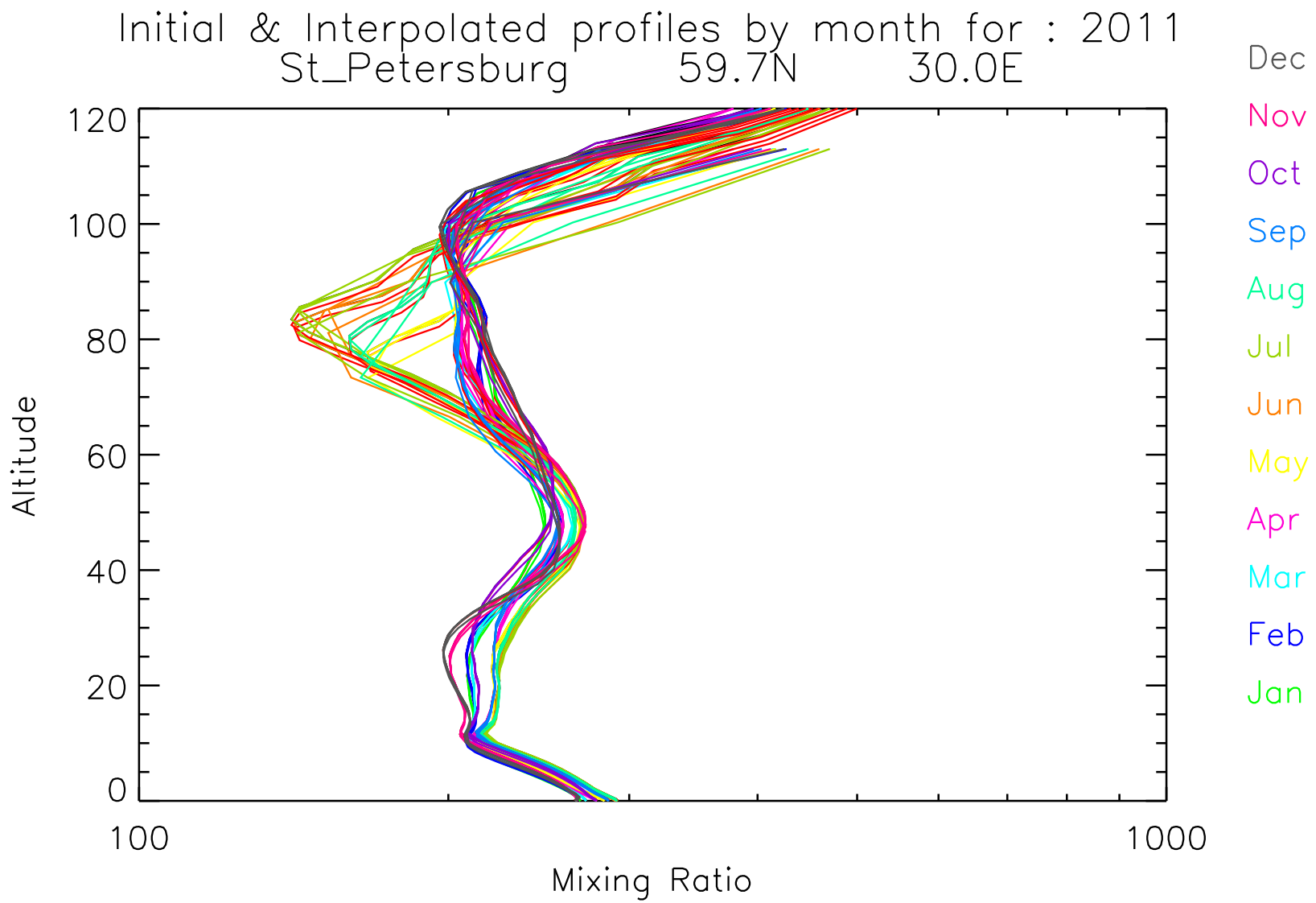
Initial & Interpolated profiles by month for : 2011
St_Petersburg 59.7N 30.0E
Altitude
120
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Mixing Ratio
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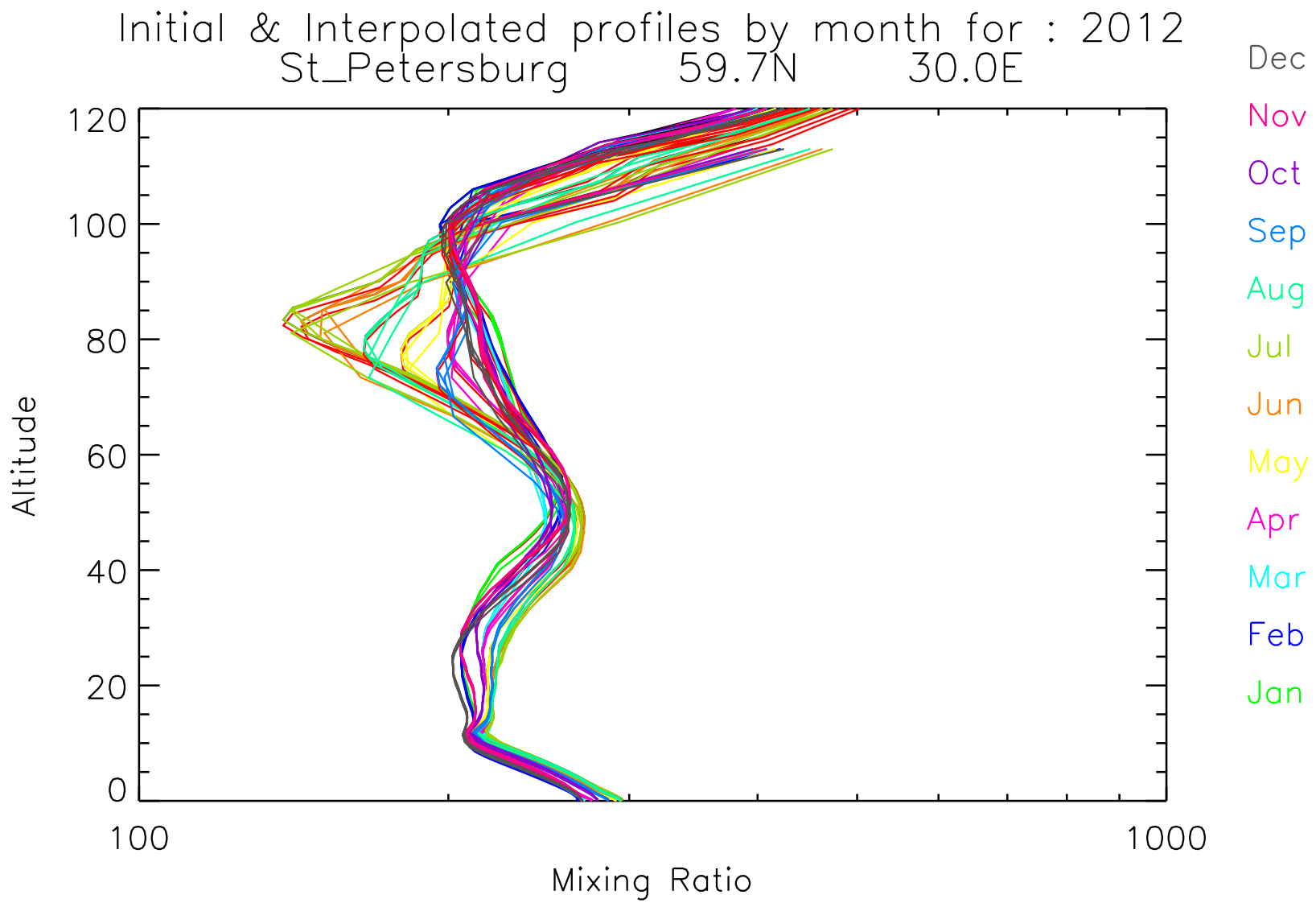
Initial & Interpolated profiles by month for : 2012
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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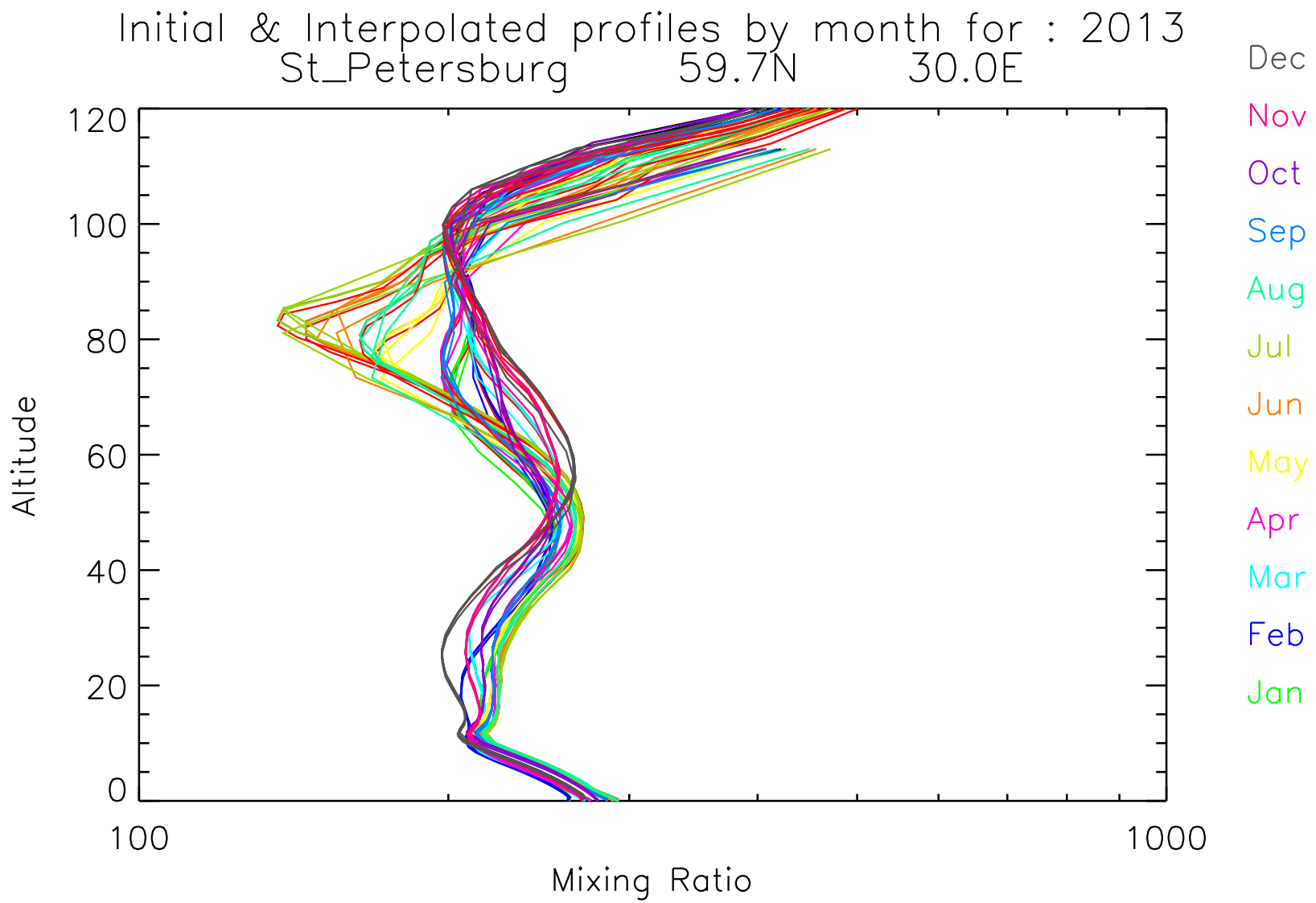
Initial & Interpolated profiles by month for : 2013
St_Petersburg 59.7N 30.0E
Altitude
120
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Mixing Ratio
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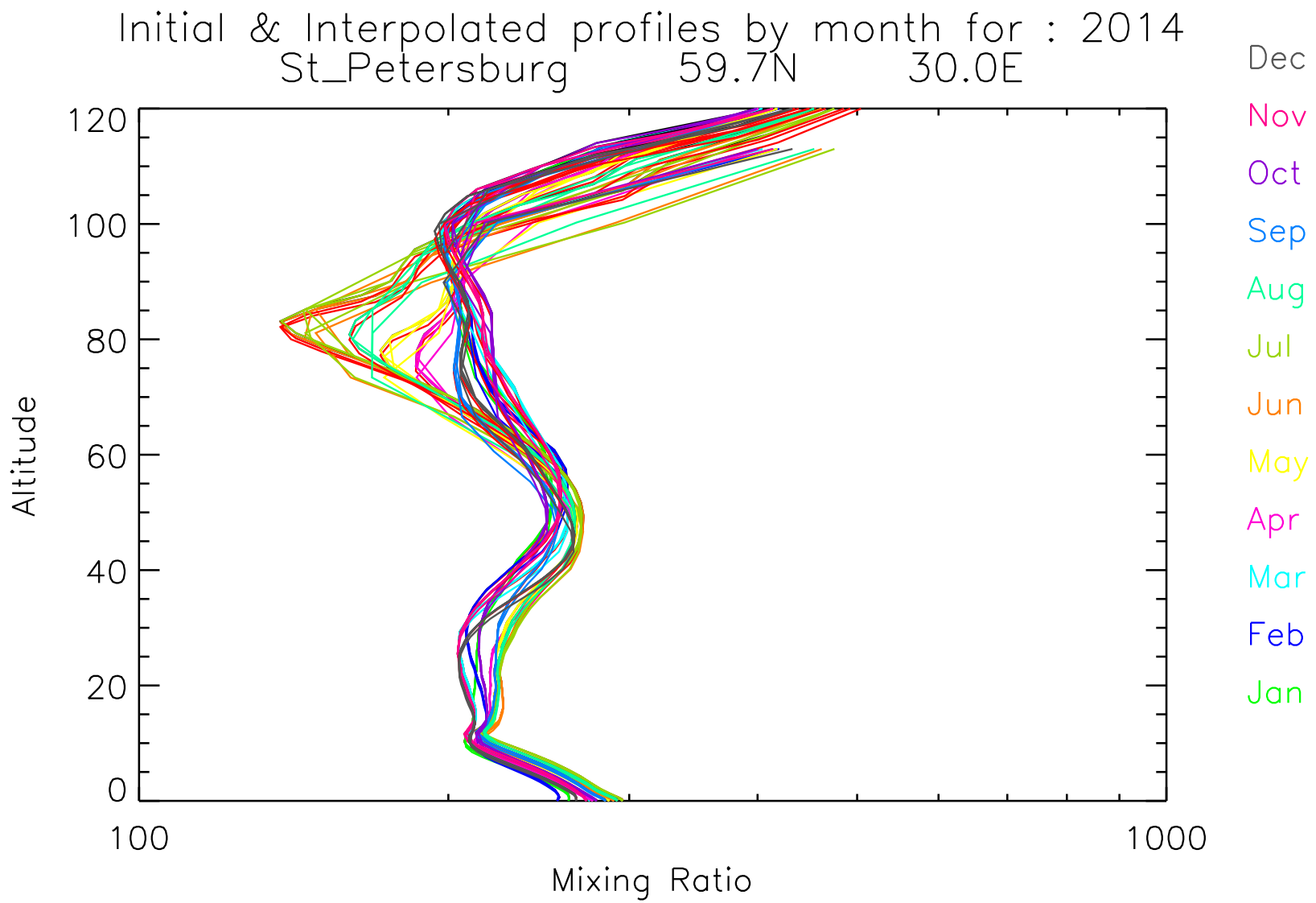
Initial & Interpolated profiles by month for : 2014
St_Petersburg 59.7N 30.0E
Altitude
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Mixing Ratio
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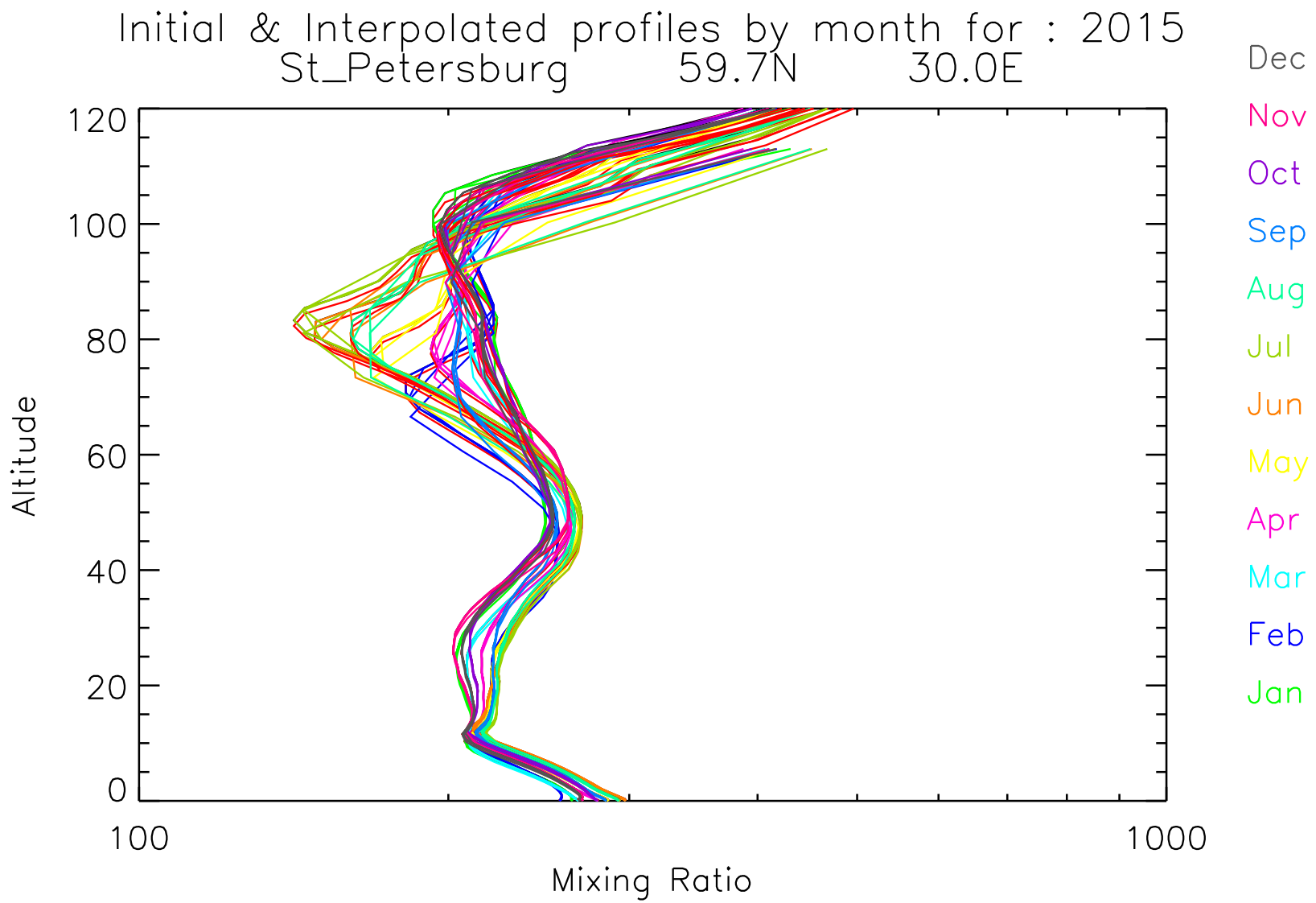
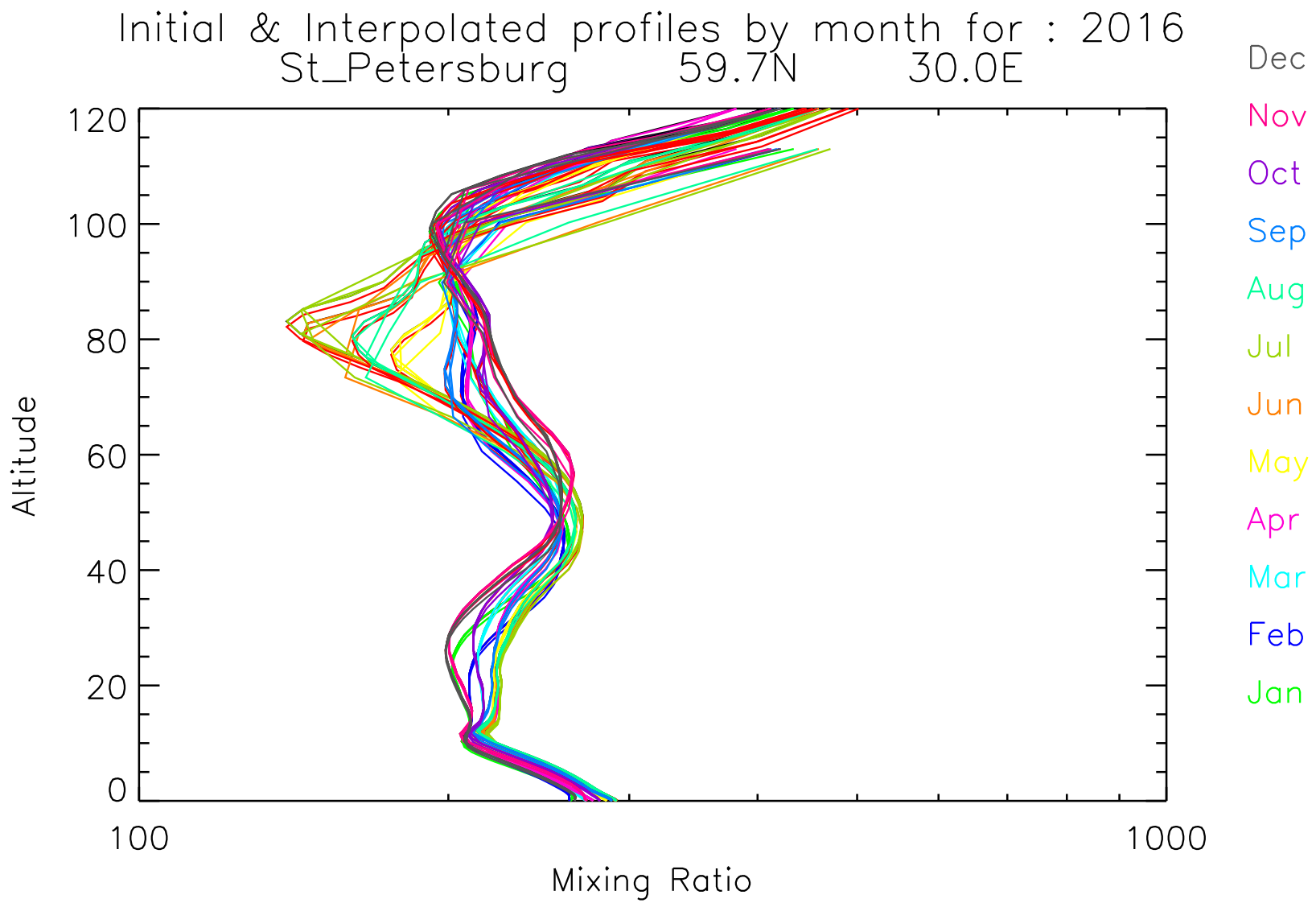
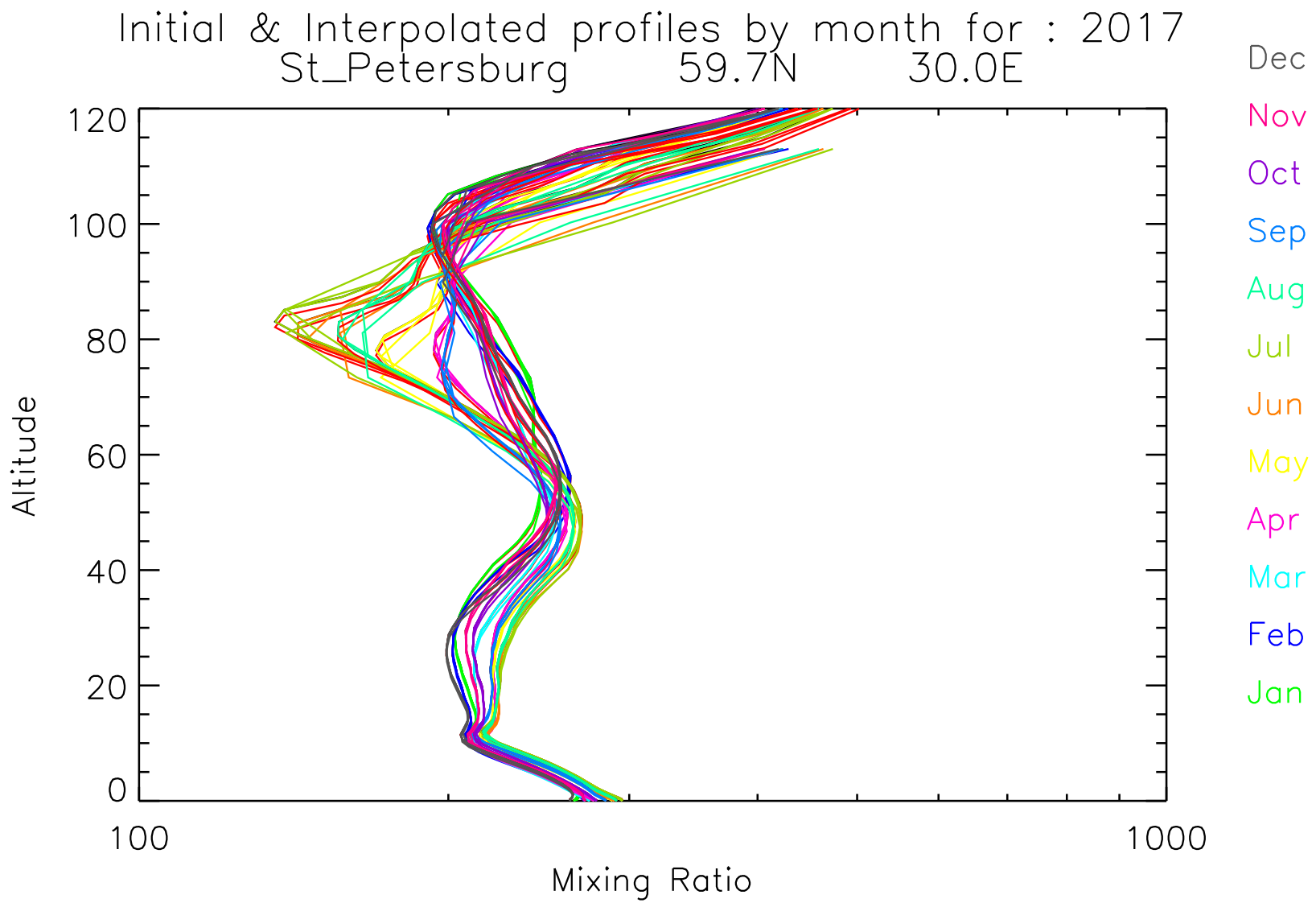
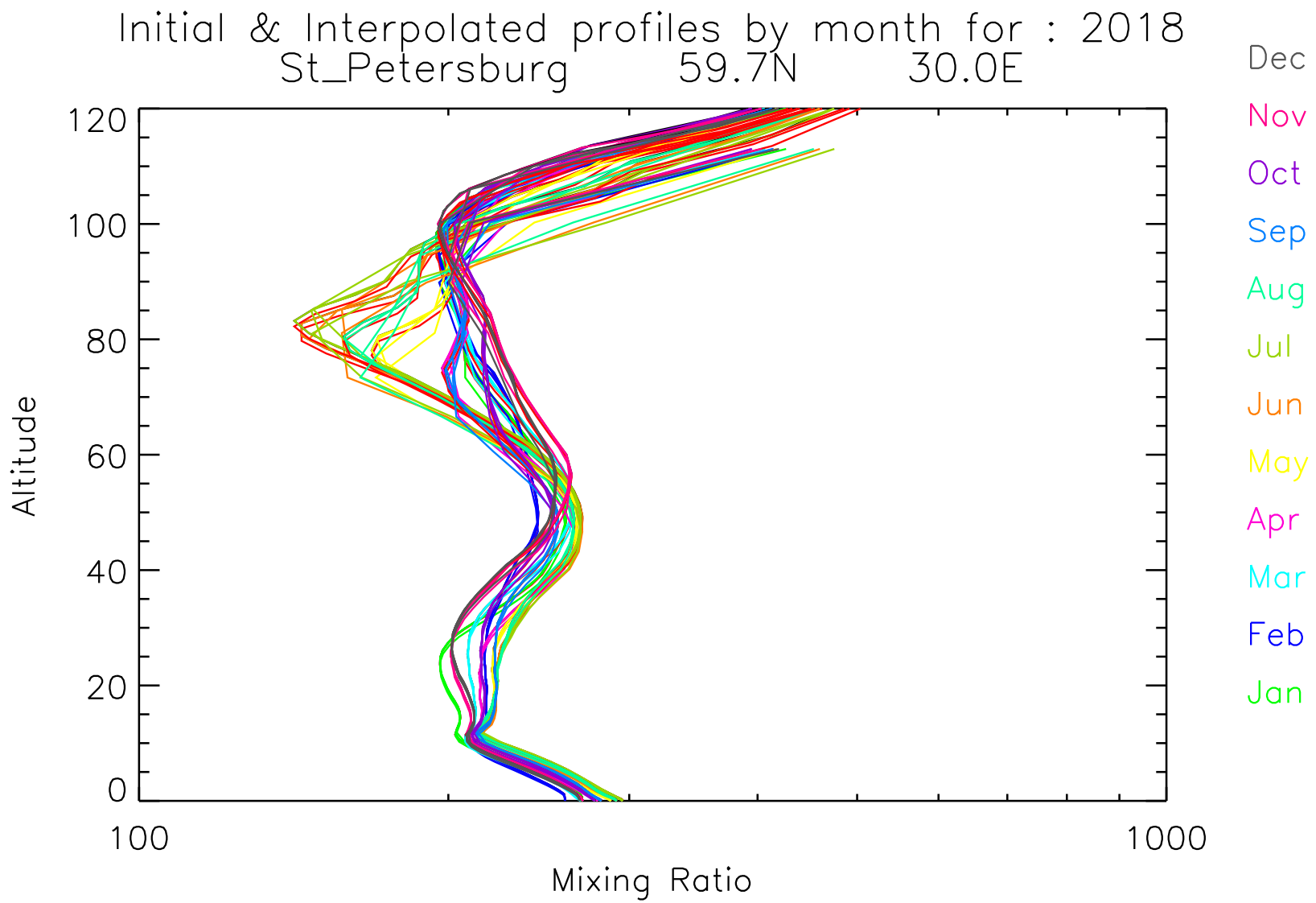
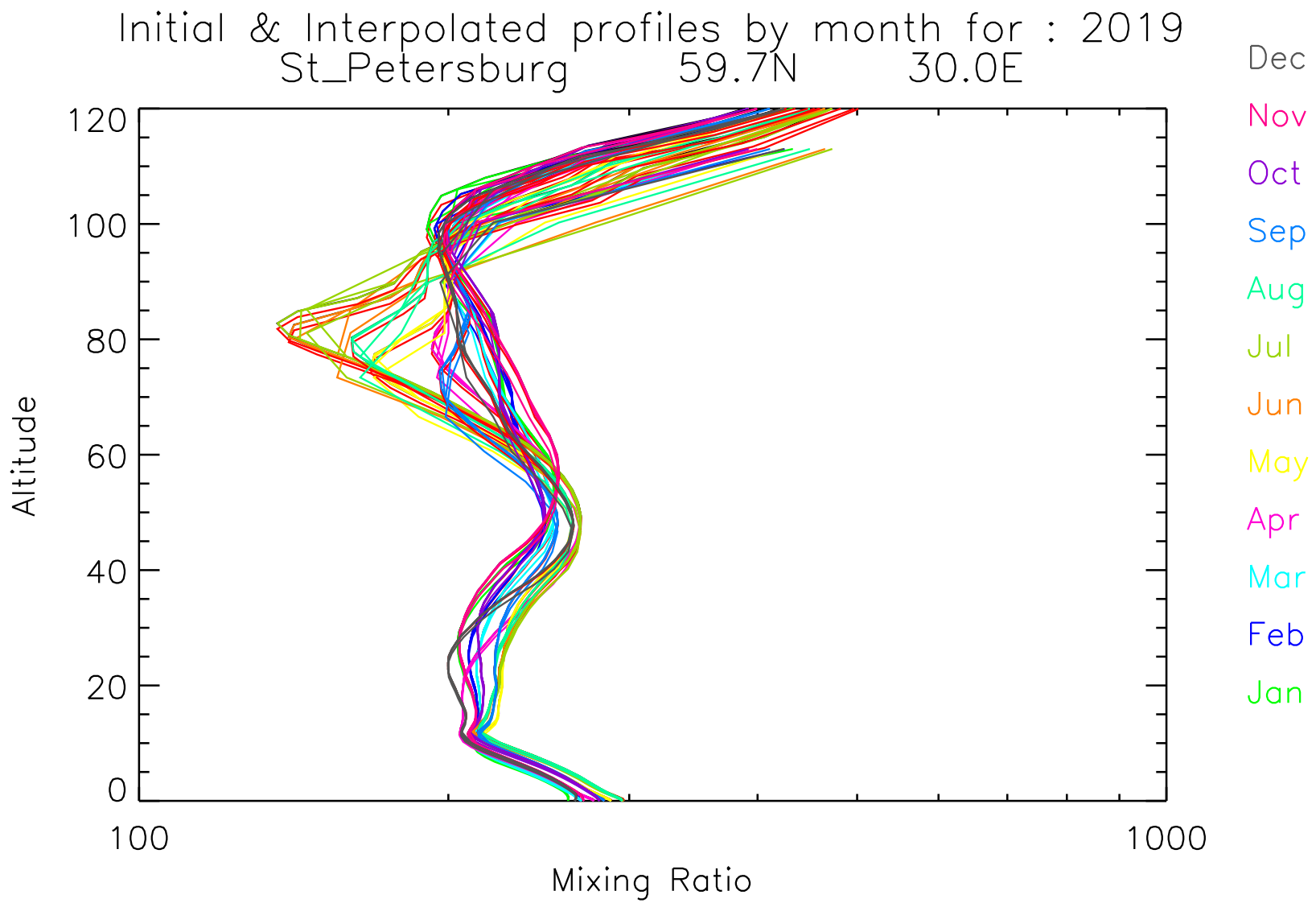
Feb
Jan

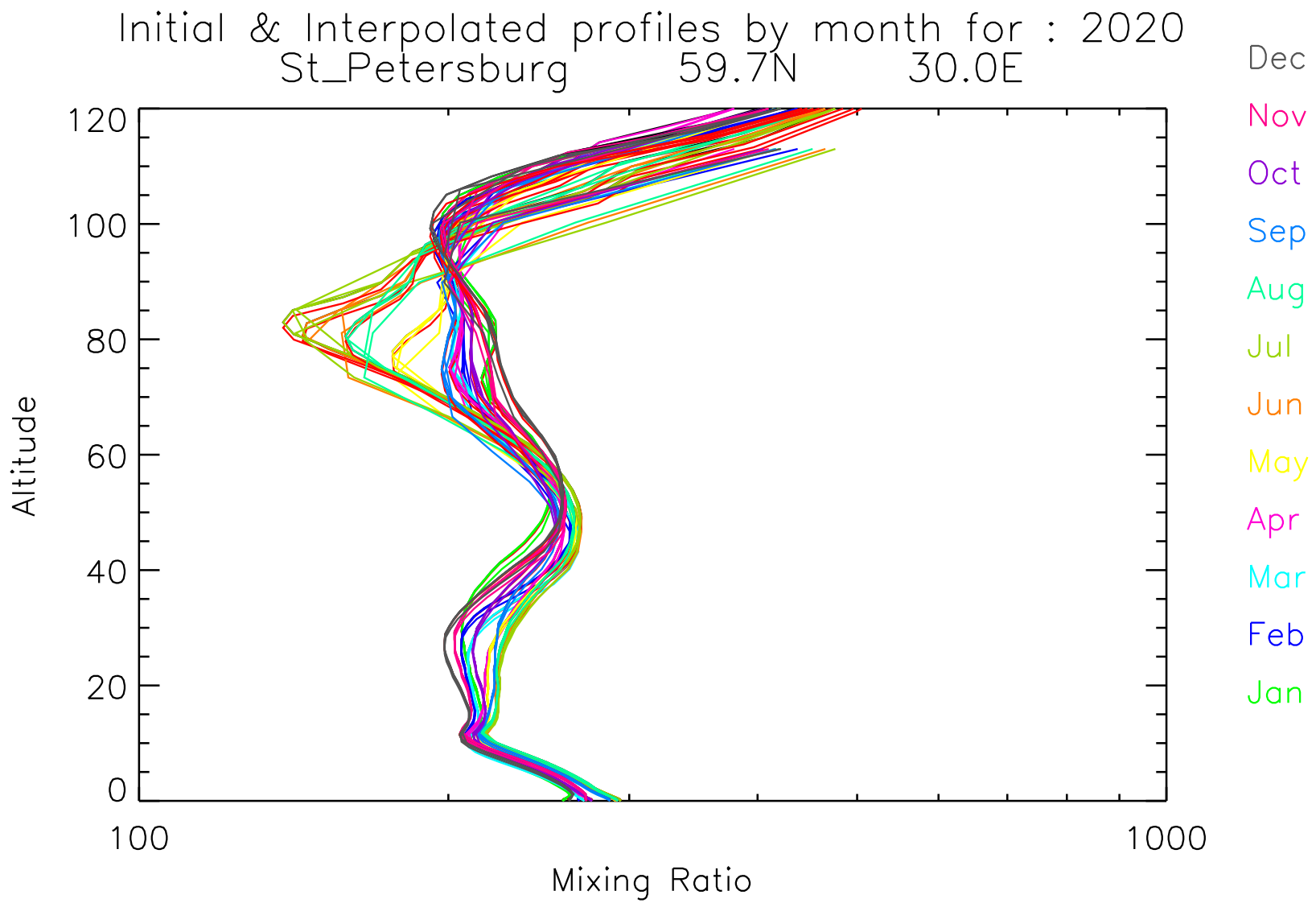

Initial & Interpolated profiles by month for : 2015
St_Petersburg 59.7N 30.0E
Altitude
120
100
80
60
40
20
0
100
1000
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

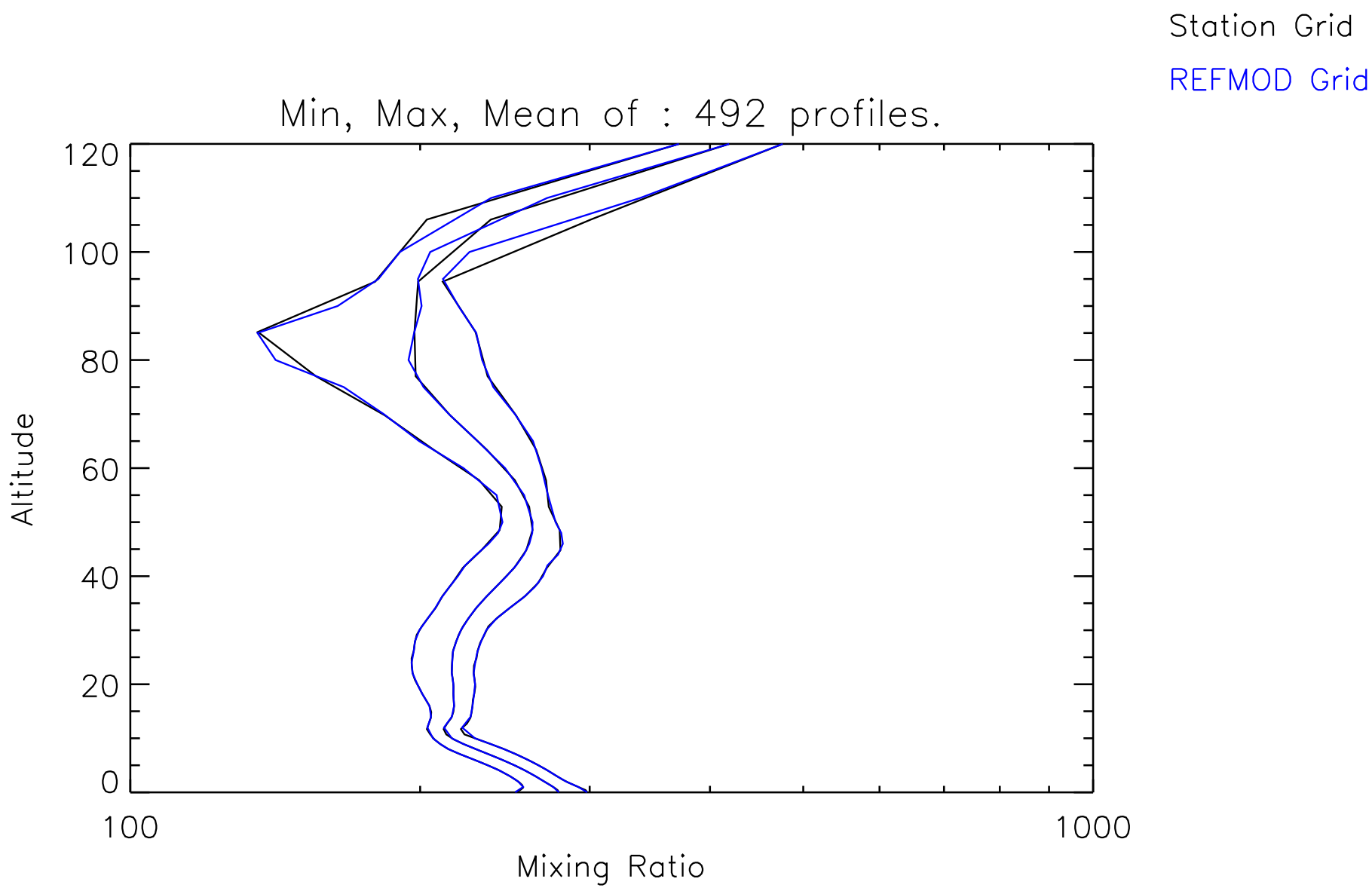

Initial & Interpolated profiles by month for : 2016
St_Petersburg 59.7N 30.0E
Altitude
120
100
80
60
40
20
0
100
1000
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

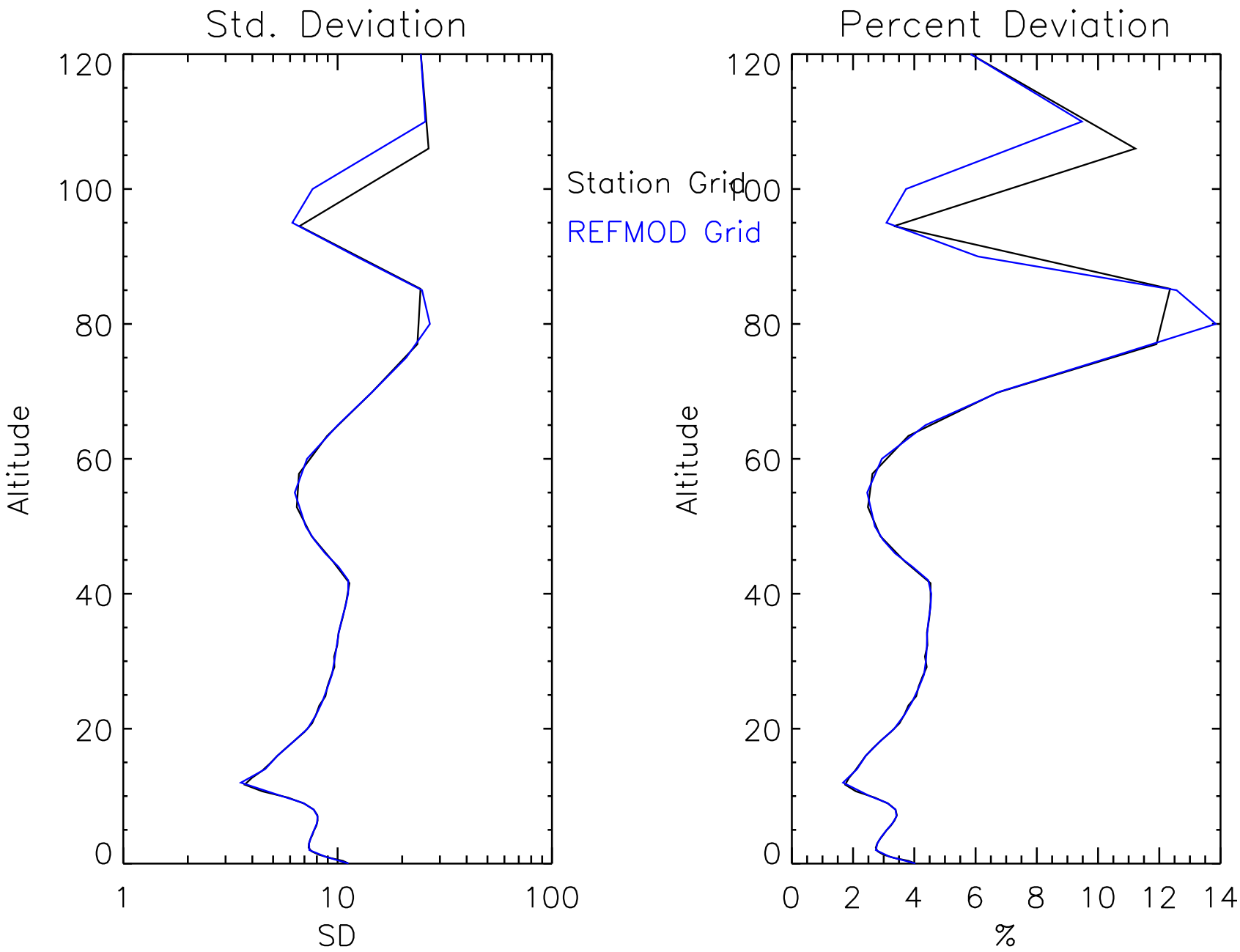

Initial & Interpolated profiles by month for : 2017
St_Petersburg 59.7N 30.0E
Altitude
120
100
80
60
40
20
0
100
1000
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

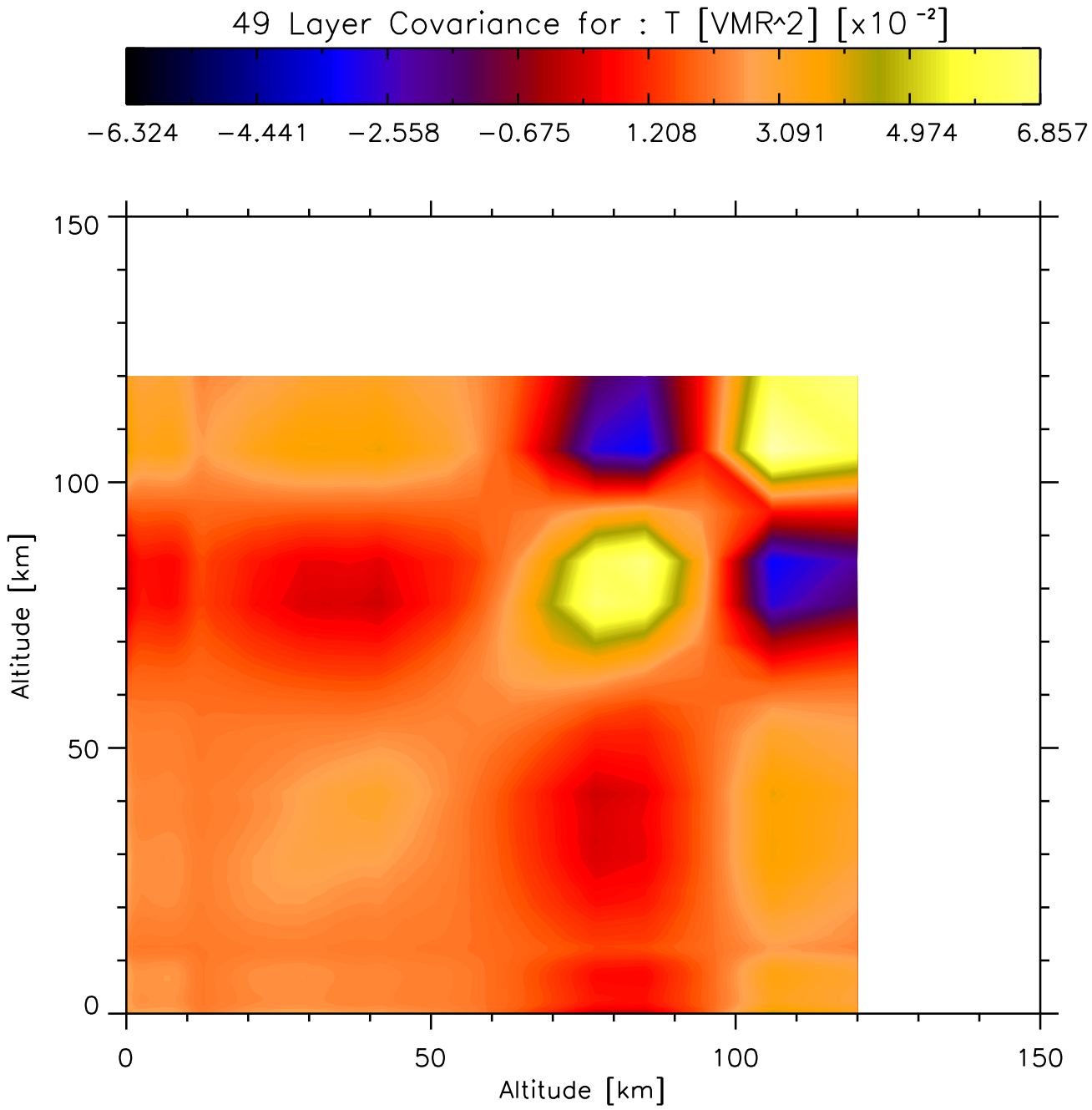

Initial & Interpolated profiles by month for : 2018
St_Petersburg 59.7N 30.0E
Altitude
120
100
80
60
40
20
0
100
1000
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

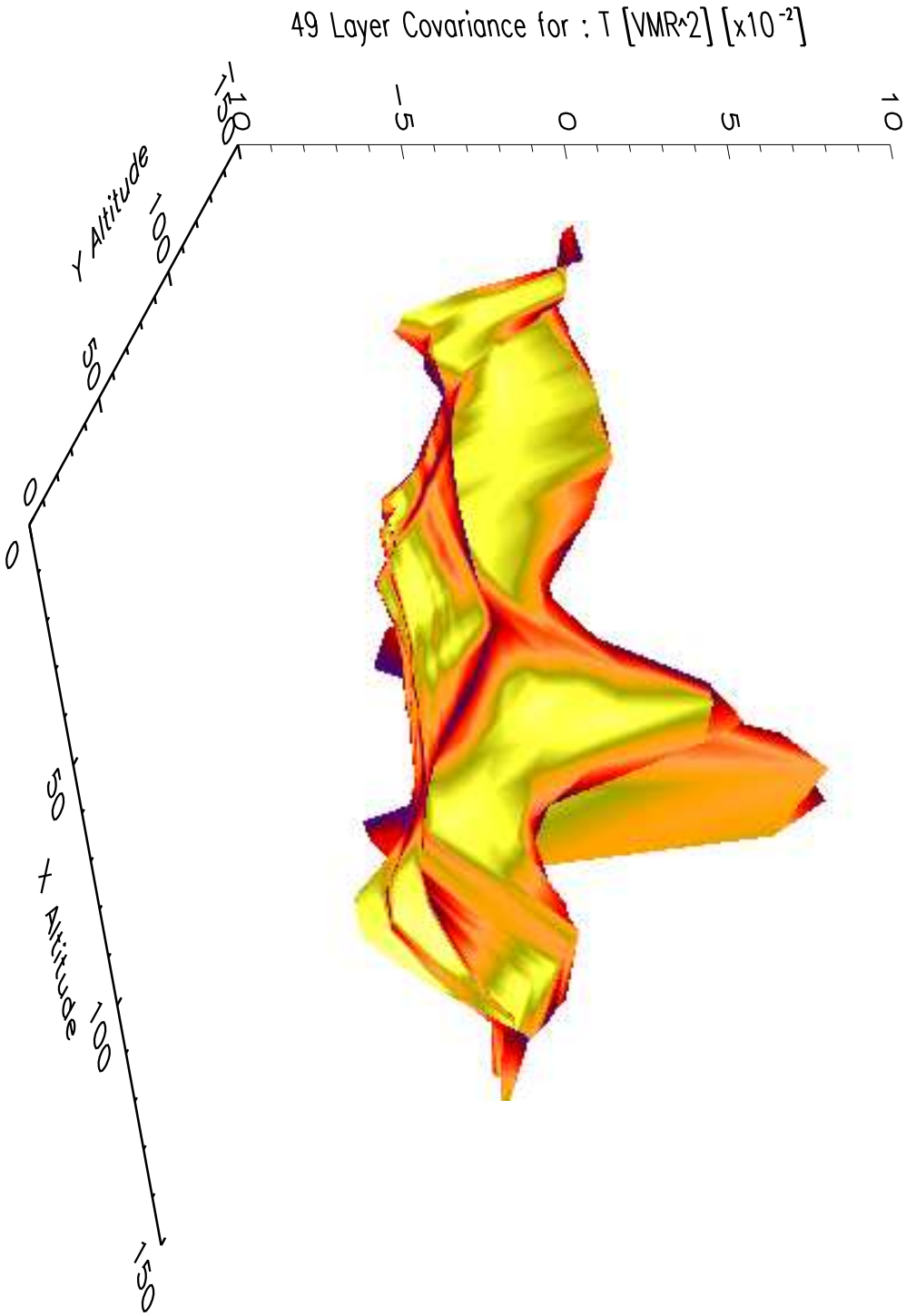

Initial & Interpolated profiles by month for : 2019
St_Petersburg 59.7N 30.0E
Altitude
120
100
80
60
40
20
0
100
1000
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

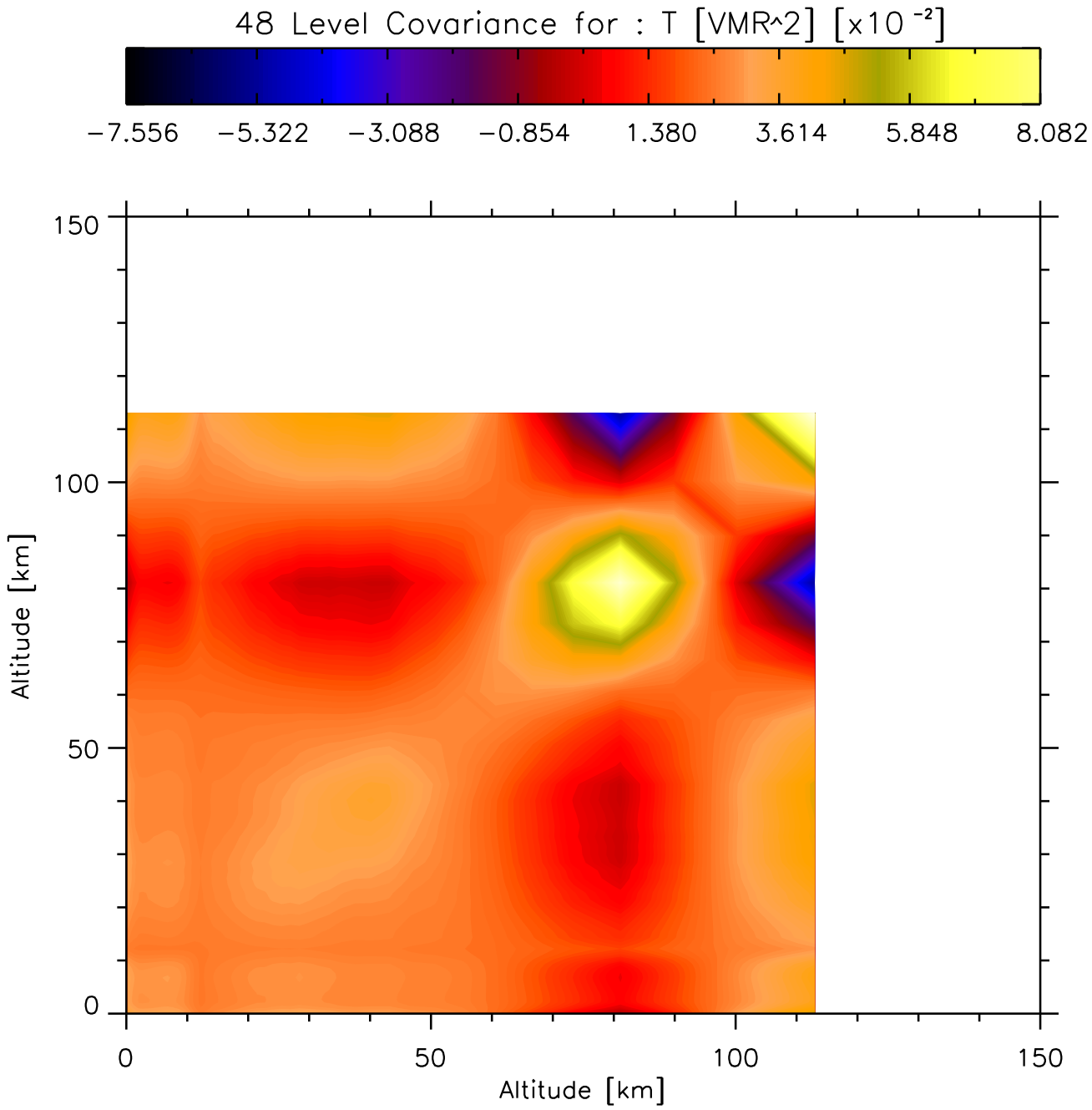

Initial & Interpolated profiles by month for : 2020
St_Petersburg 59.7N 30.0E
Altitude
120
100
80
60
40
20
0
100
1000
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan


Station Grid
REFMOD Grid
Min, Max, Mean of : 492 profiles.
120
100
80
60
40
20
0
Altitude
100
1000
Mixing Ratio


Std. Deviation
Percent Deviation
Station Grid
REFMOD Grid
Altitude
Altitude
120
100
80
60
40
20
0
1
10
100
SD
0
2
4
6
8
10
12
14
%


49 Layer Covariance for : T [VMR^2] [x10 -2]
−6.324
−4.441
−2.558
−0.675
1.208
3.091
4.974
6.857
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


49 Layer Covariance for : T [VMR^2] [x10^-2]
-10
-5
0
5
10
Y Altitude
0
50
100
150
X Altitude
0
50
100
150


48 Level Covariance for : T [VMR^2] [x10 -2]
-7.556
-5.322
-3.088
-0.854
1.380
3.614
5.848
8.082
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]

48 Level Covariance for : T [VMR^2] [x10^-2]
Y Altitude
X Altitude