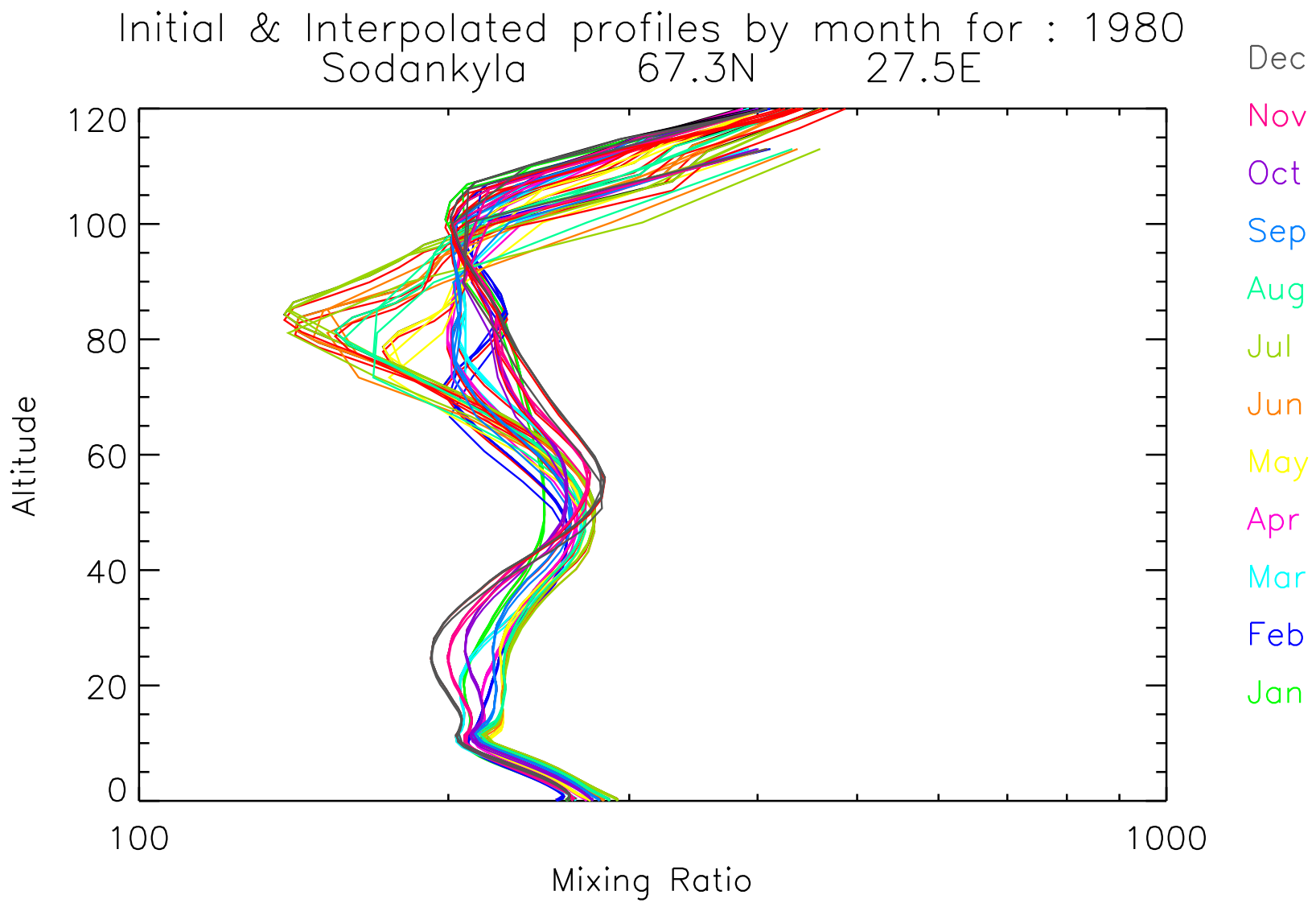
Initial & Interpolated profiles by month for : 1980
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Altitude
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Mixing Ratio
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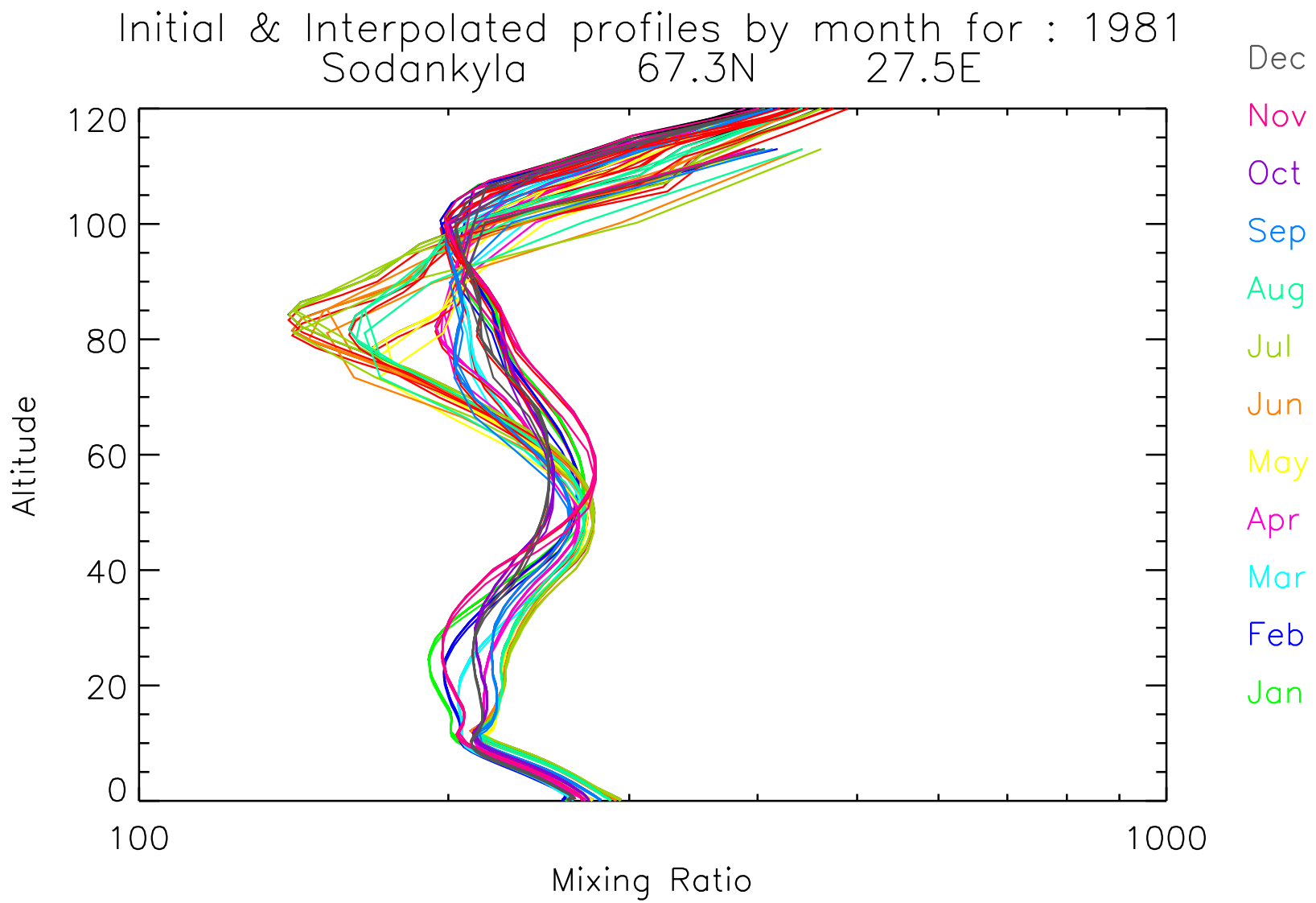
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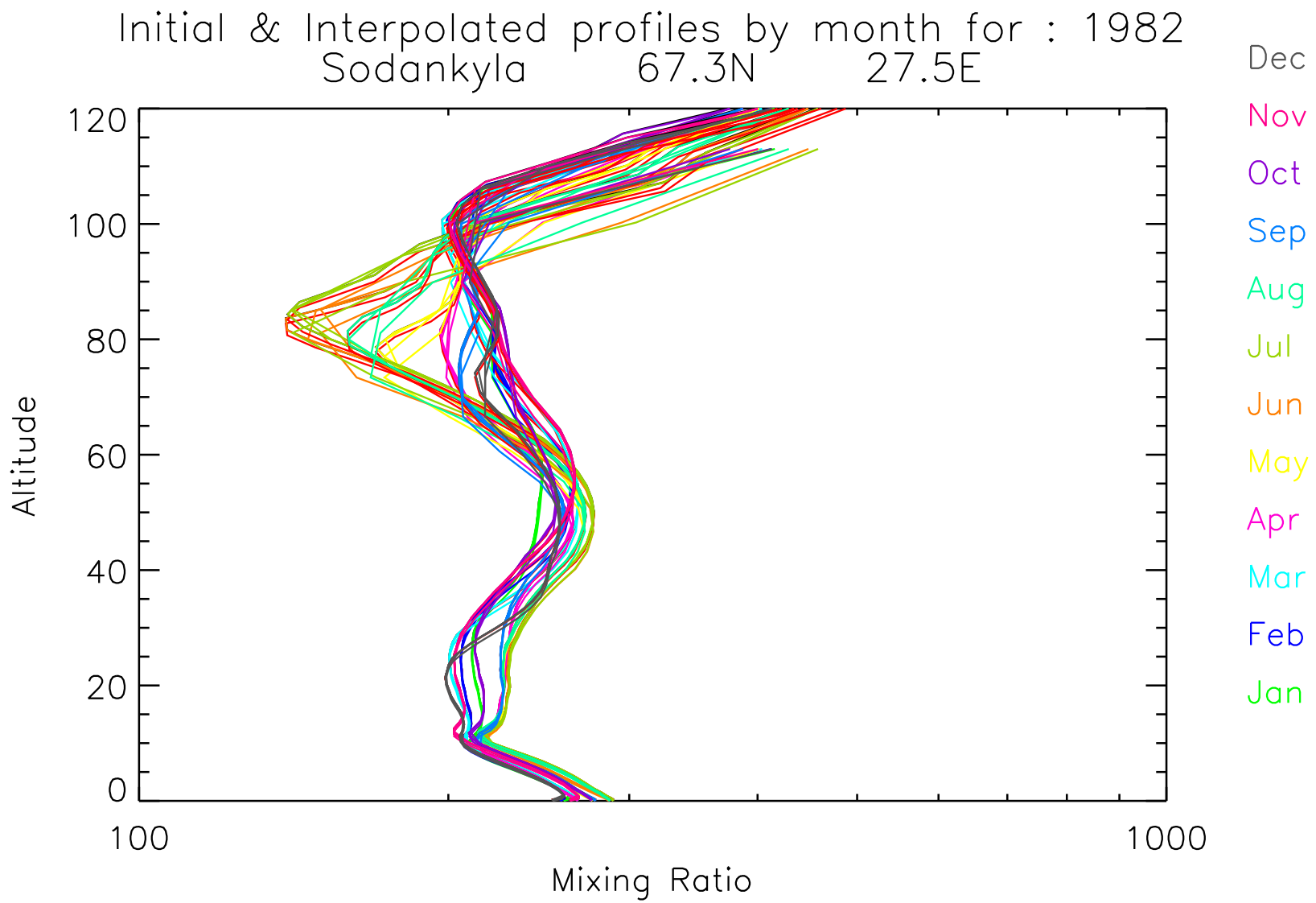
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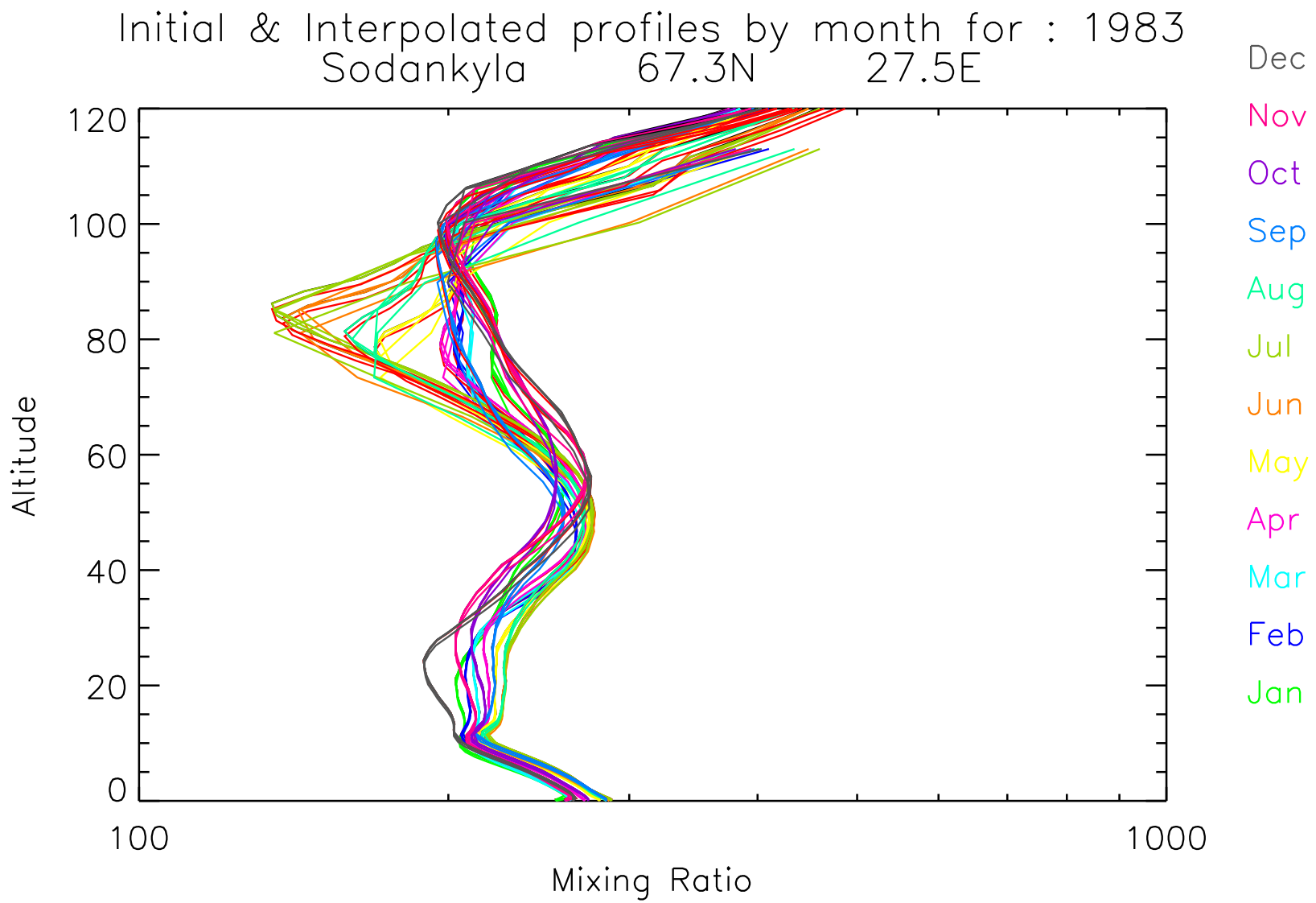
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Mixing Ratio
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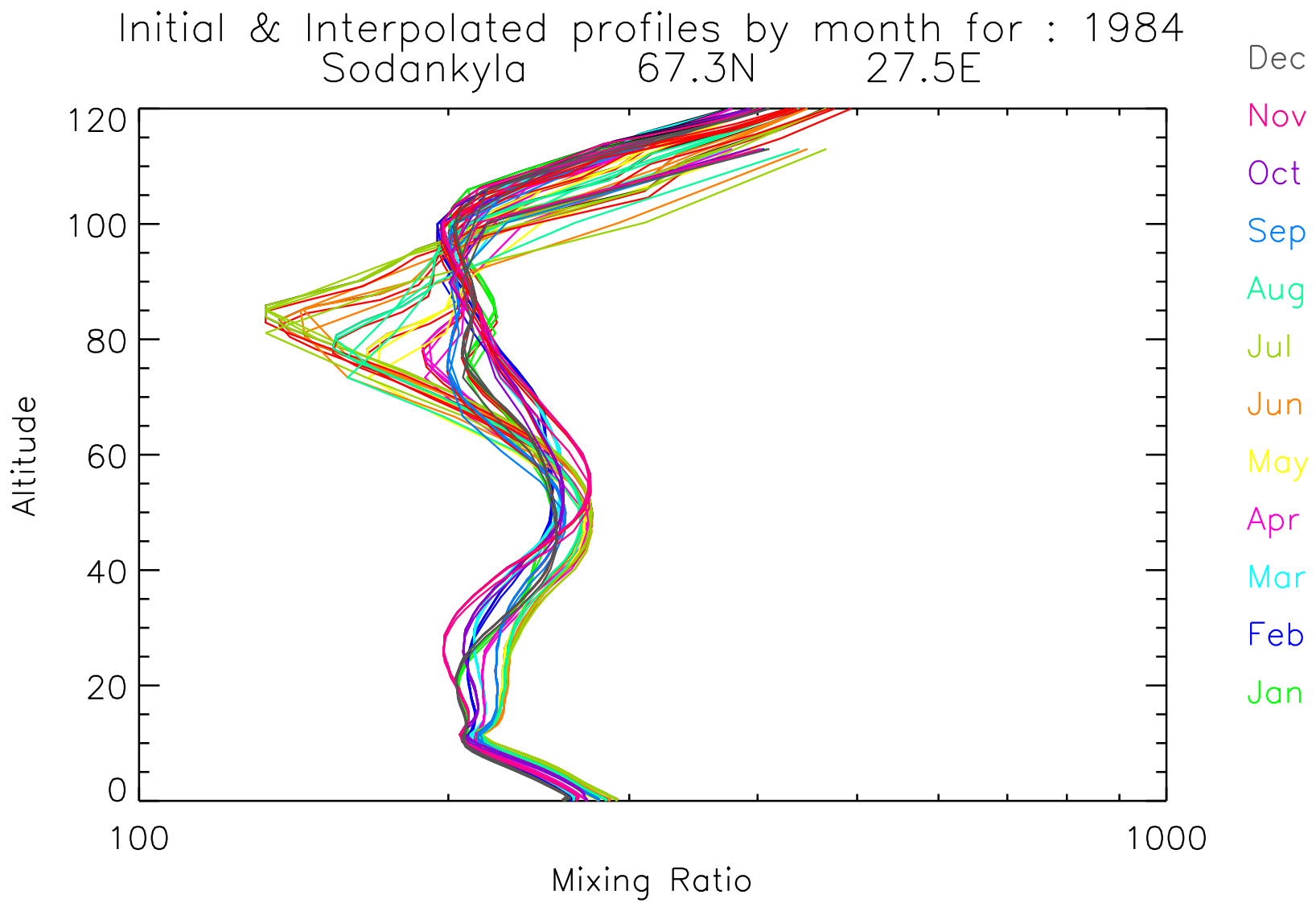
Initial & Interpolated profiles by month for : 1984
Sodankyla 67.3N 27.5E
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Mixing Ratio
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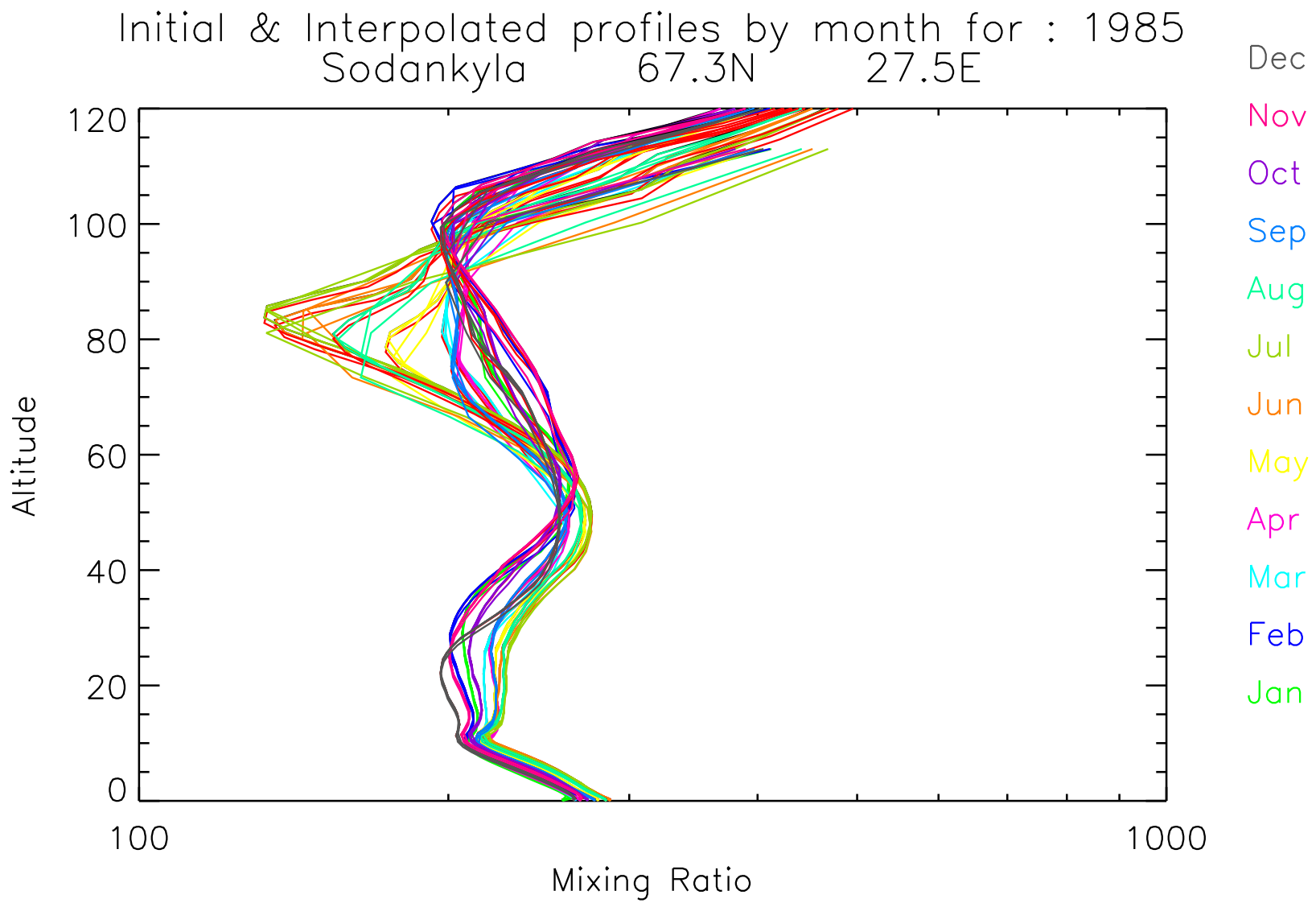
Initial & Interpolated profiles by month for : 1985
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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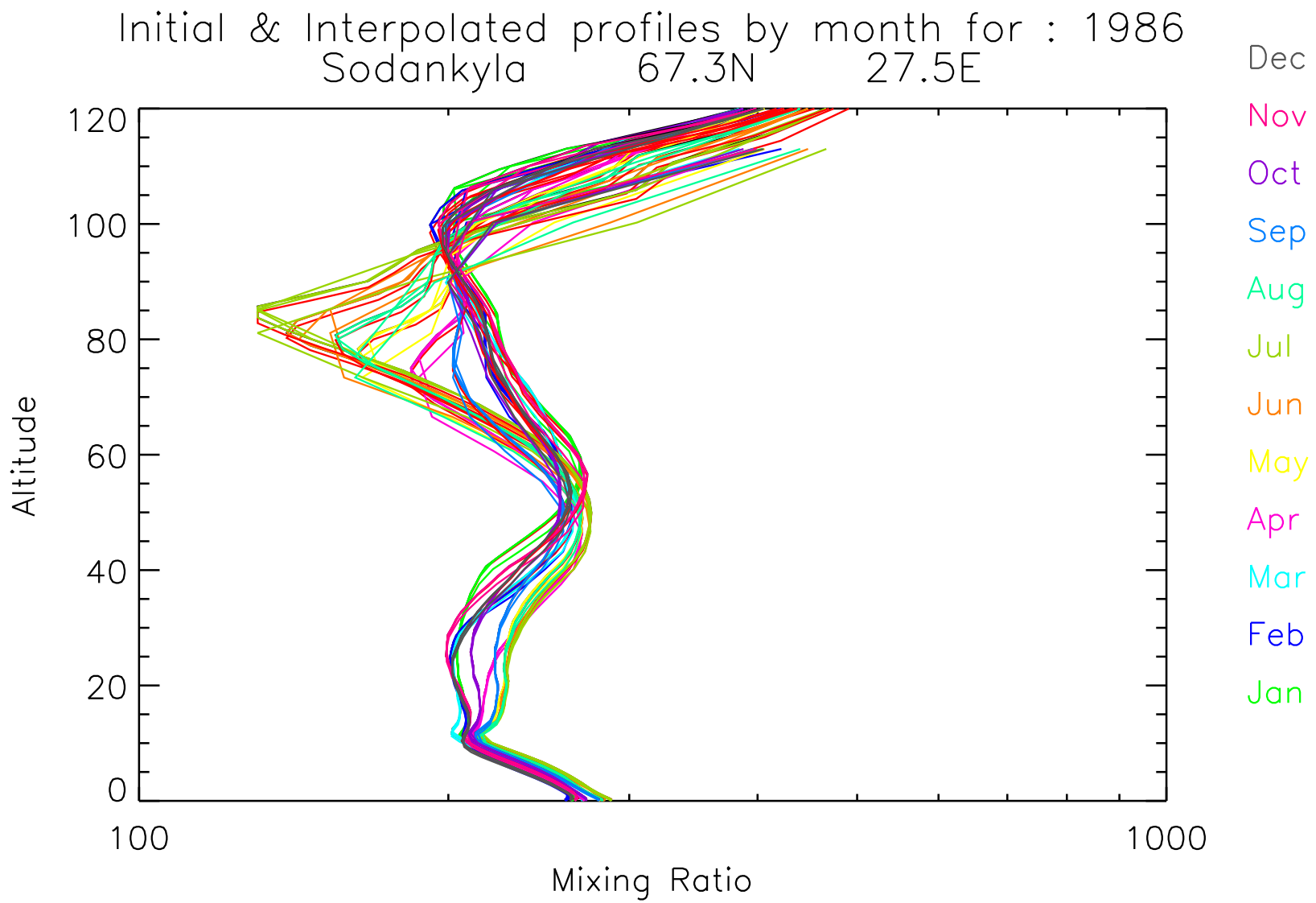
Initial & Interpolated profiles by month for : 1986
Sodankyla 67.3N 27.5E
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Mixing Ratio
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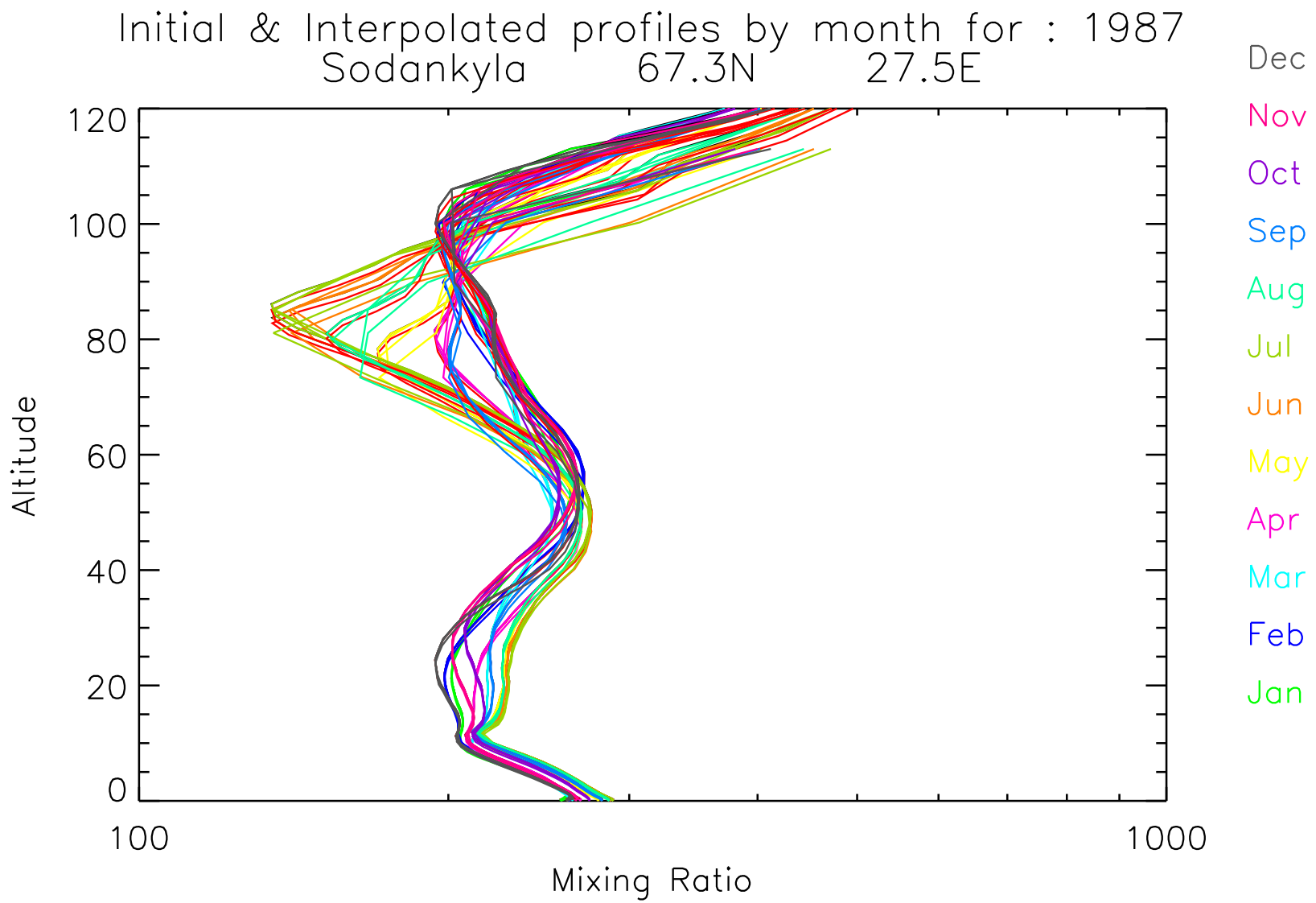
Initial & Interpolated profiles by month for : 1987
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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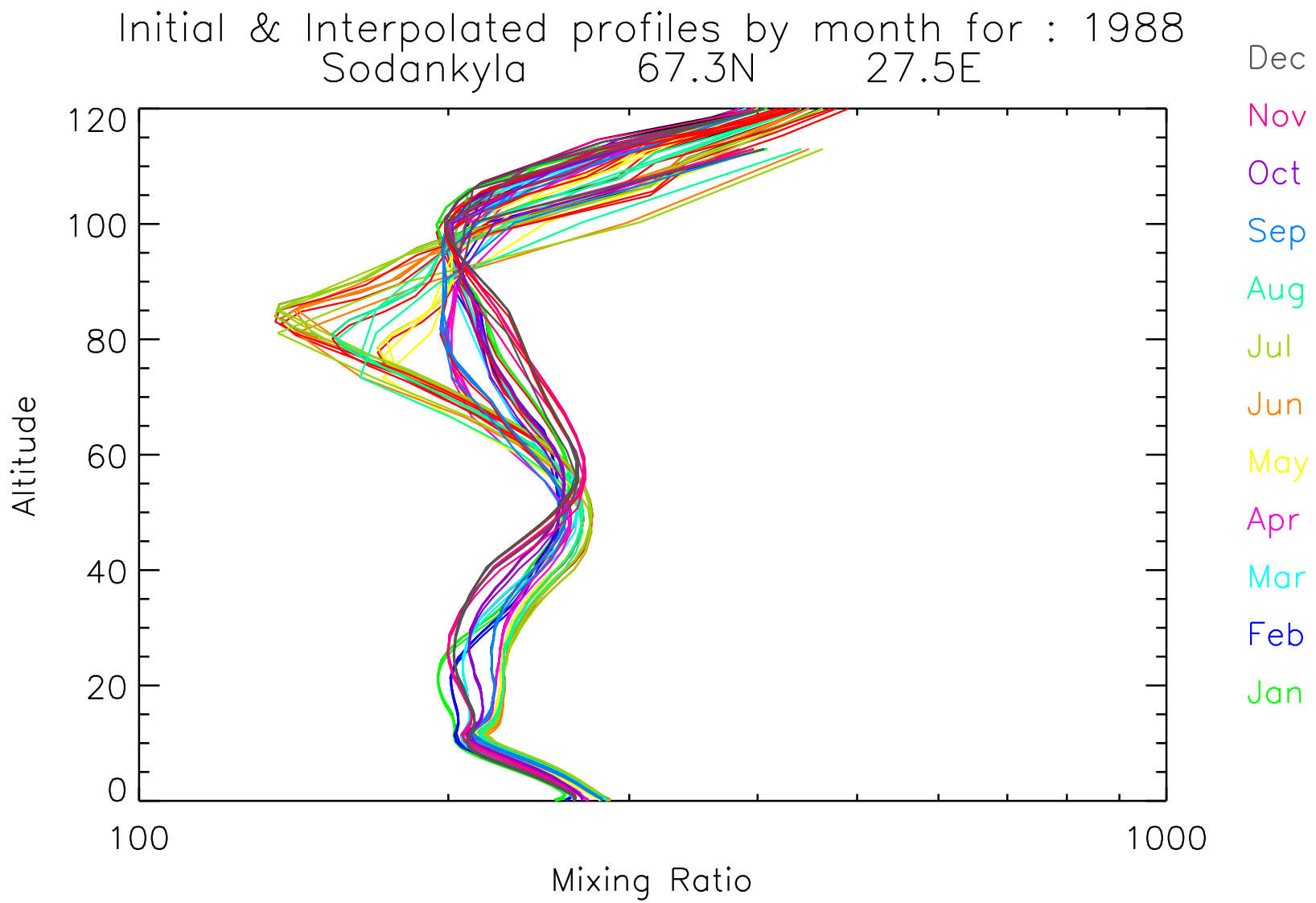
Initial & Interpolated profiles by month for : 1988
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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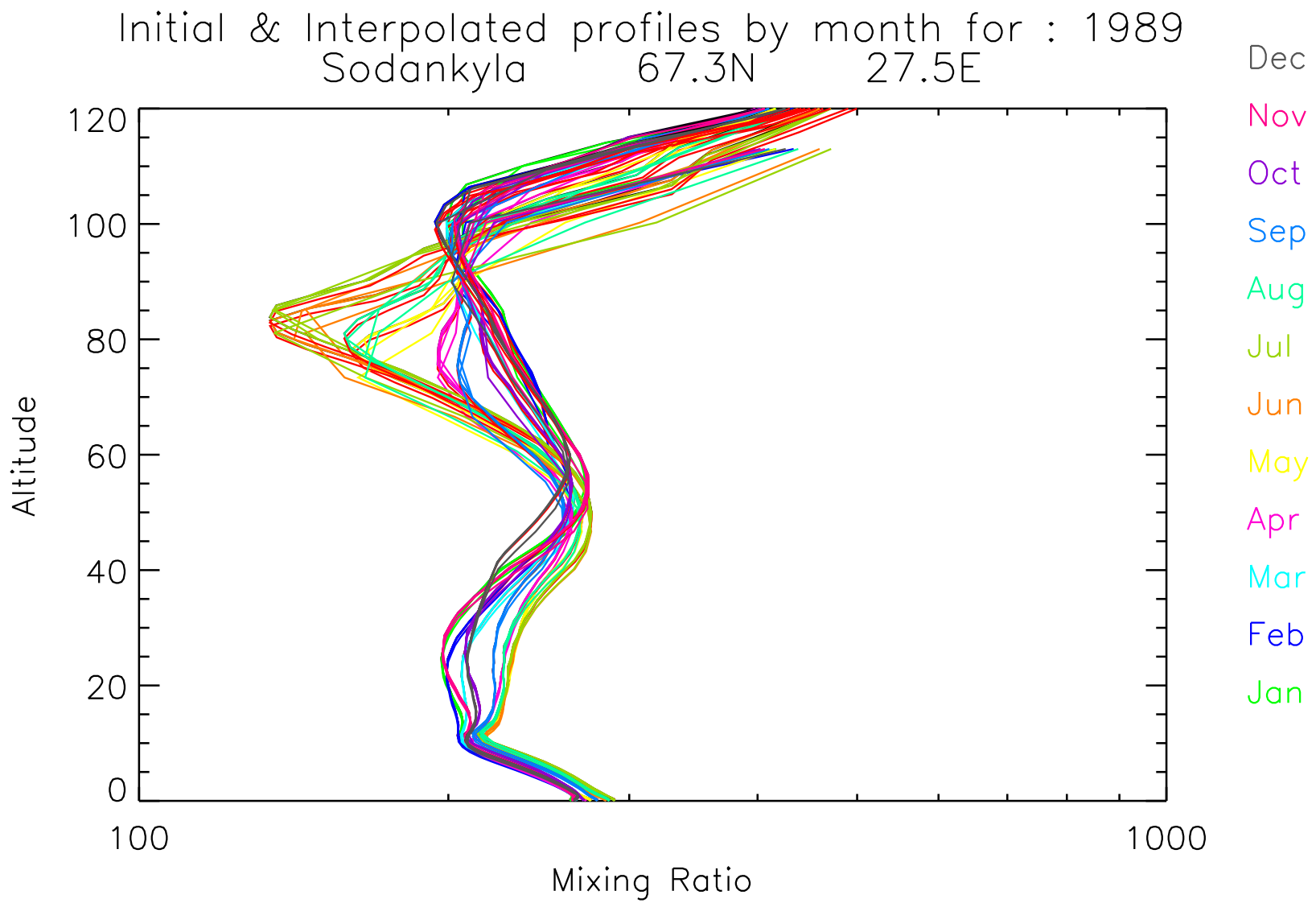
Initial & Interpolated profiles by month for : 1989
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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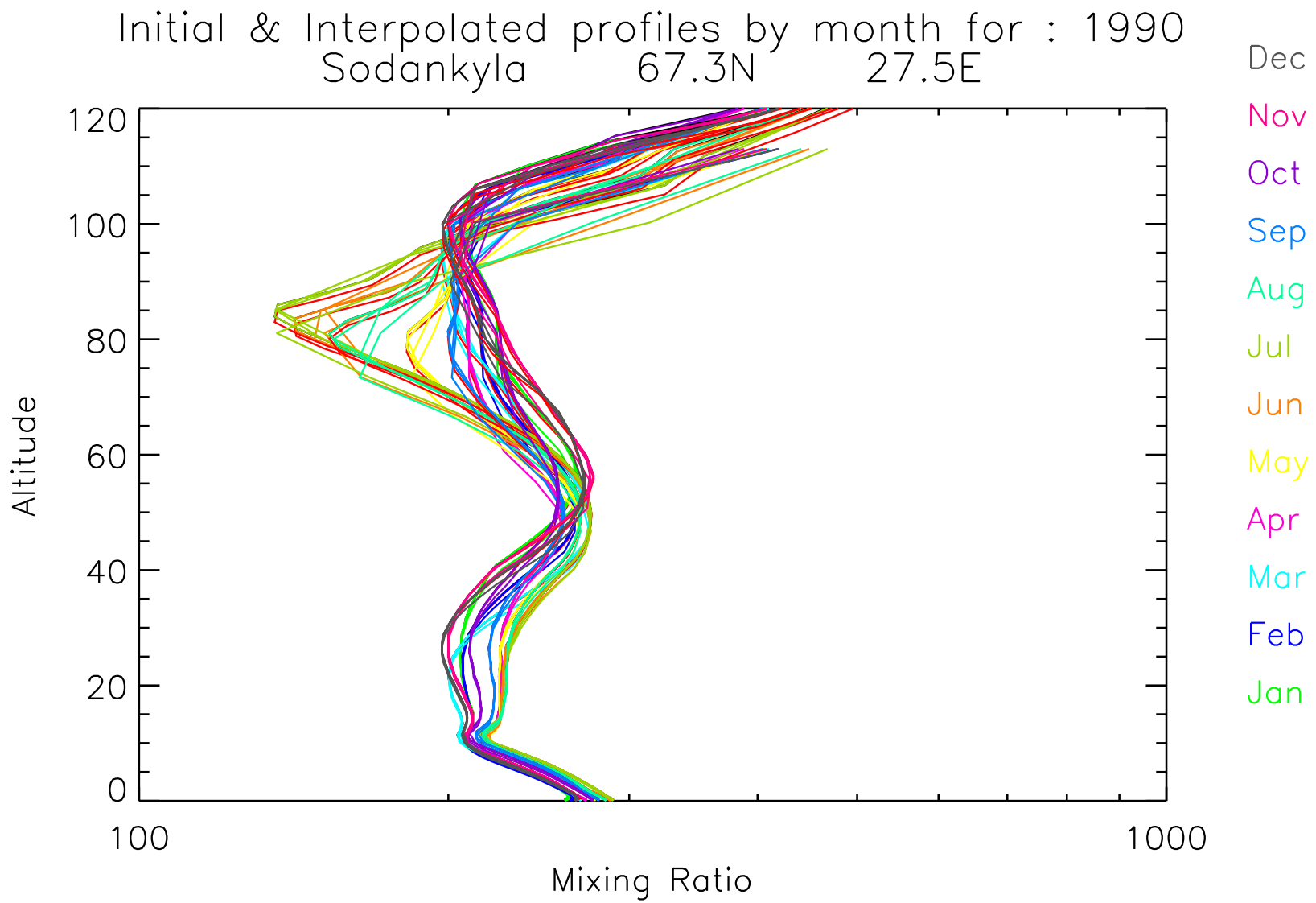
Initial & Interpolated profiles by month for : 1990
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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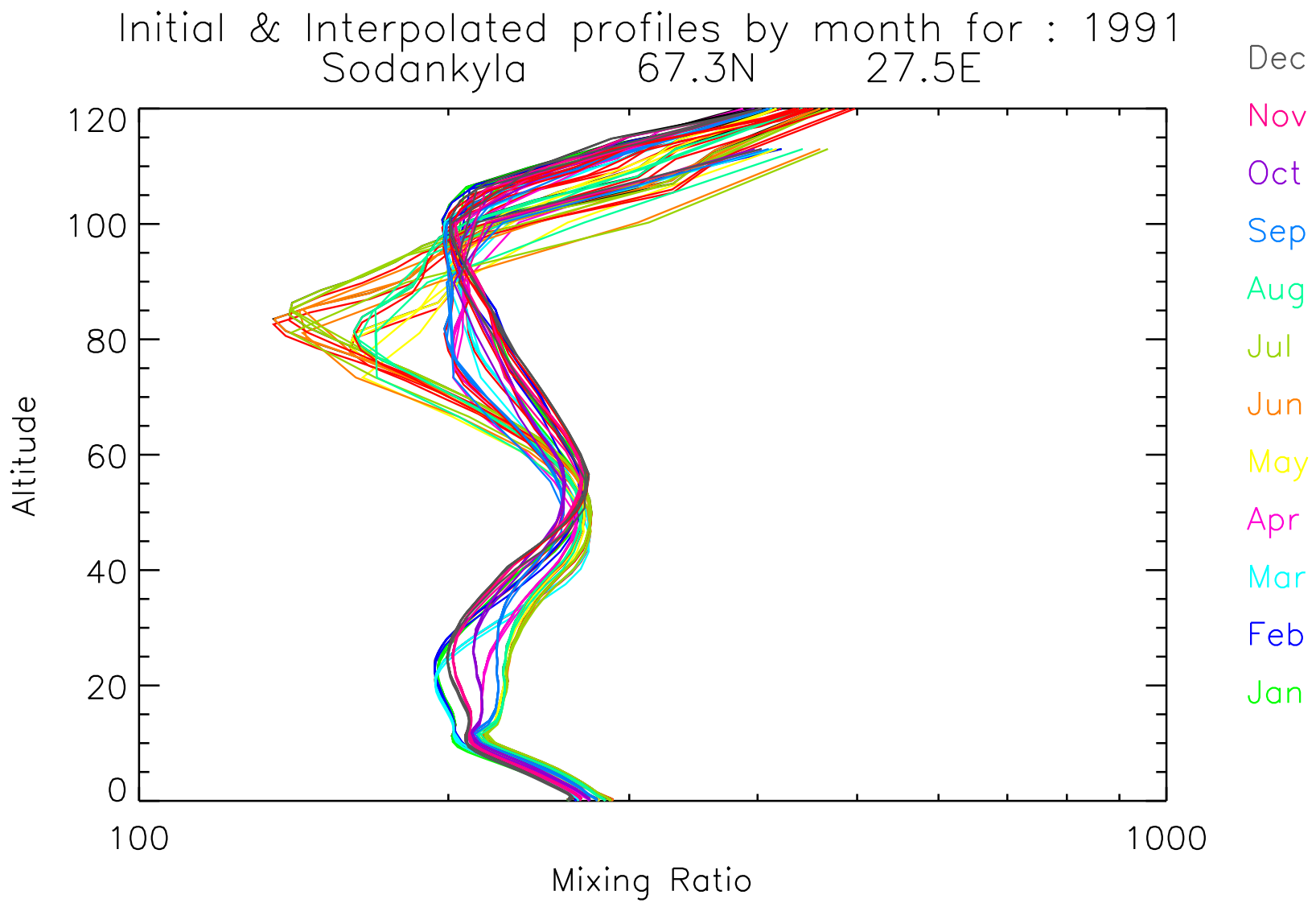
Initial & Interpolated profiles by month for : 1991
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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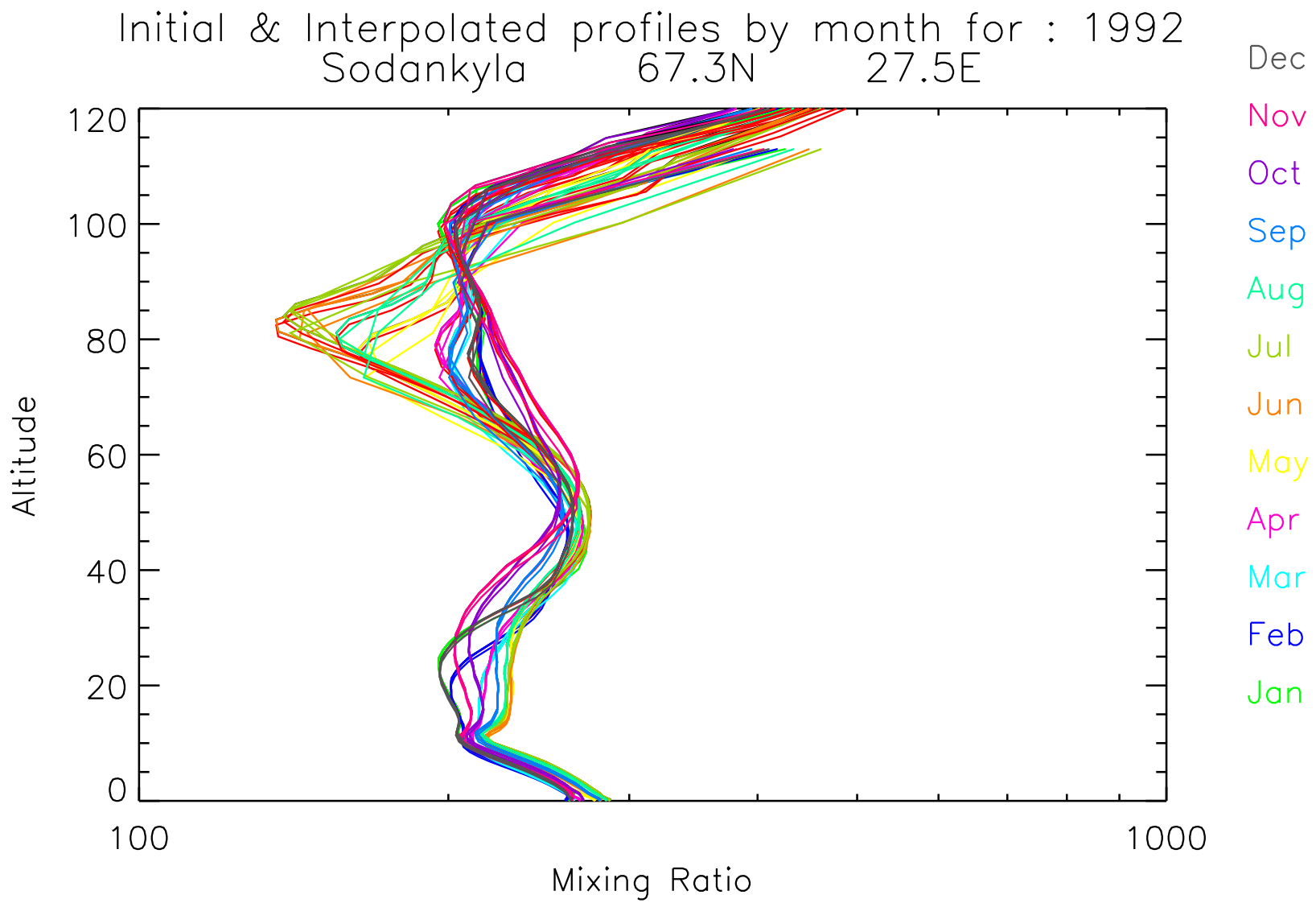
Initial & Interpolated profiles by month for : 1992
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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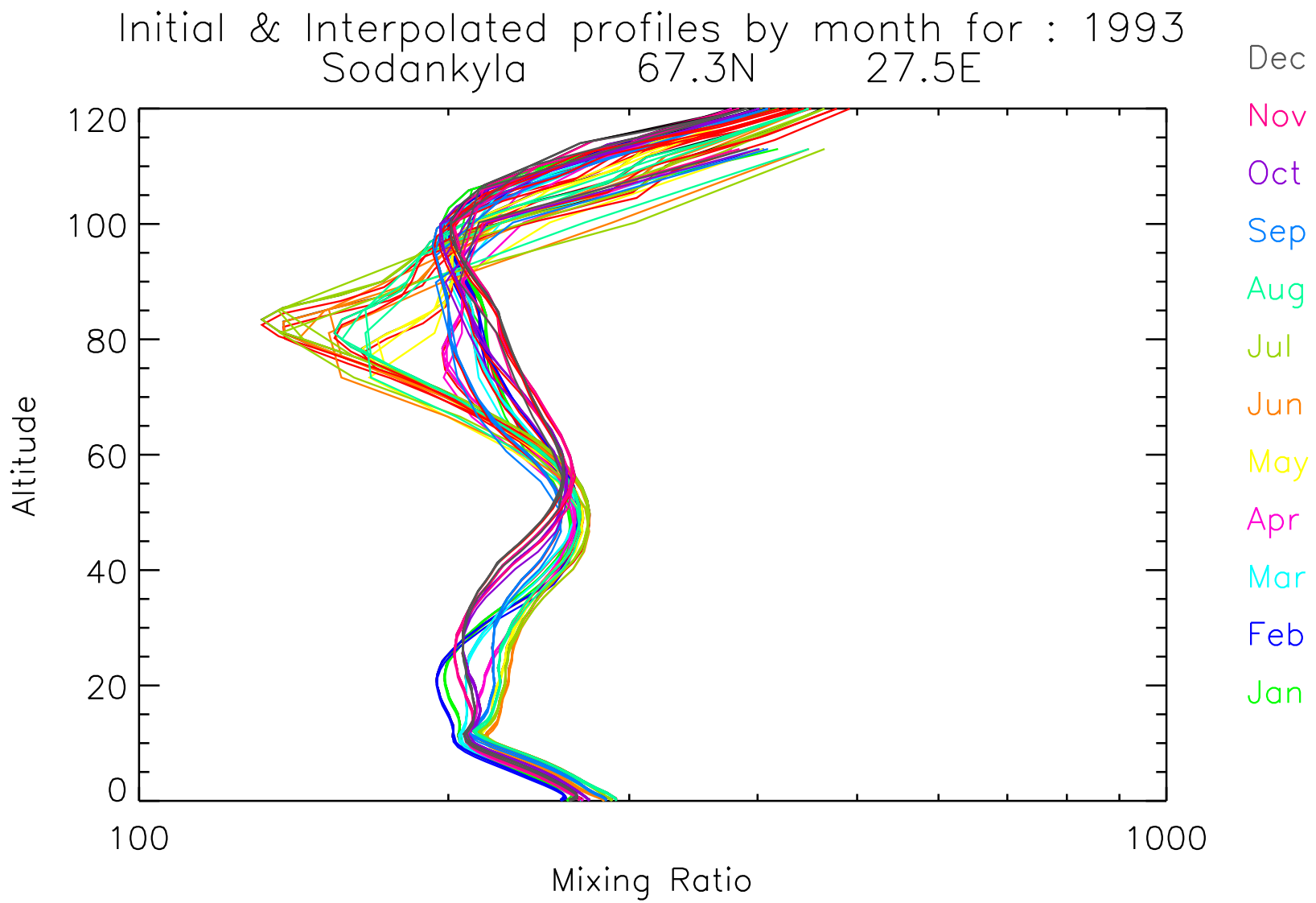
Initial & Interpolated profiles by month for : 1993
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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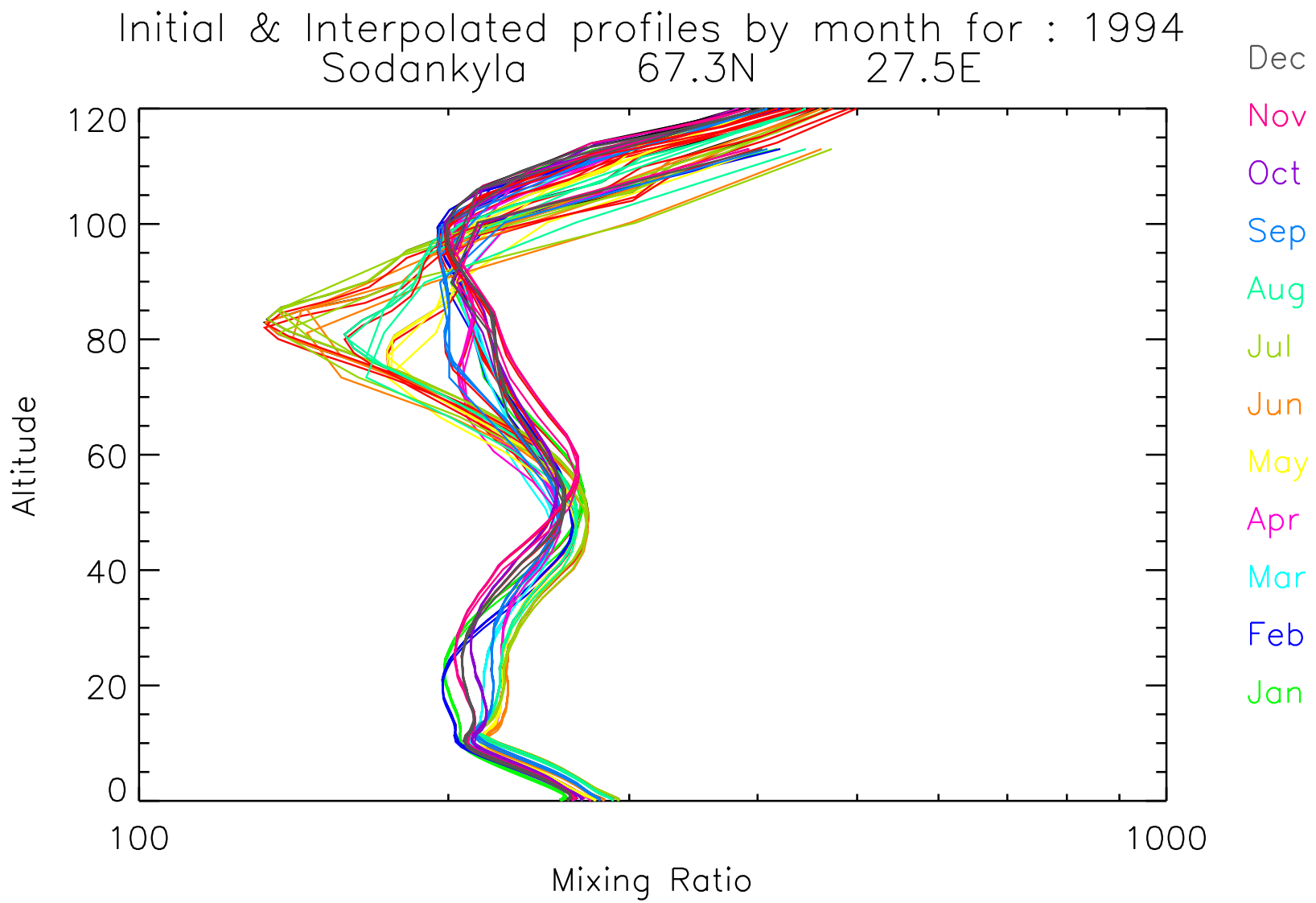
Initial & Interpolated profiles by month for : 1994
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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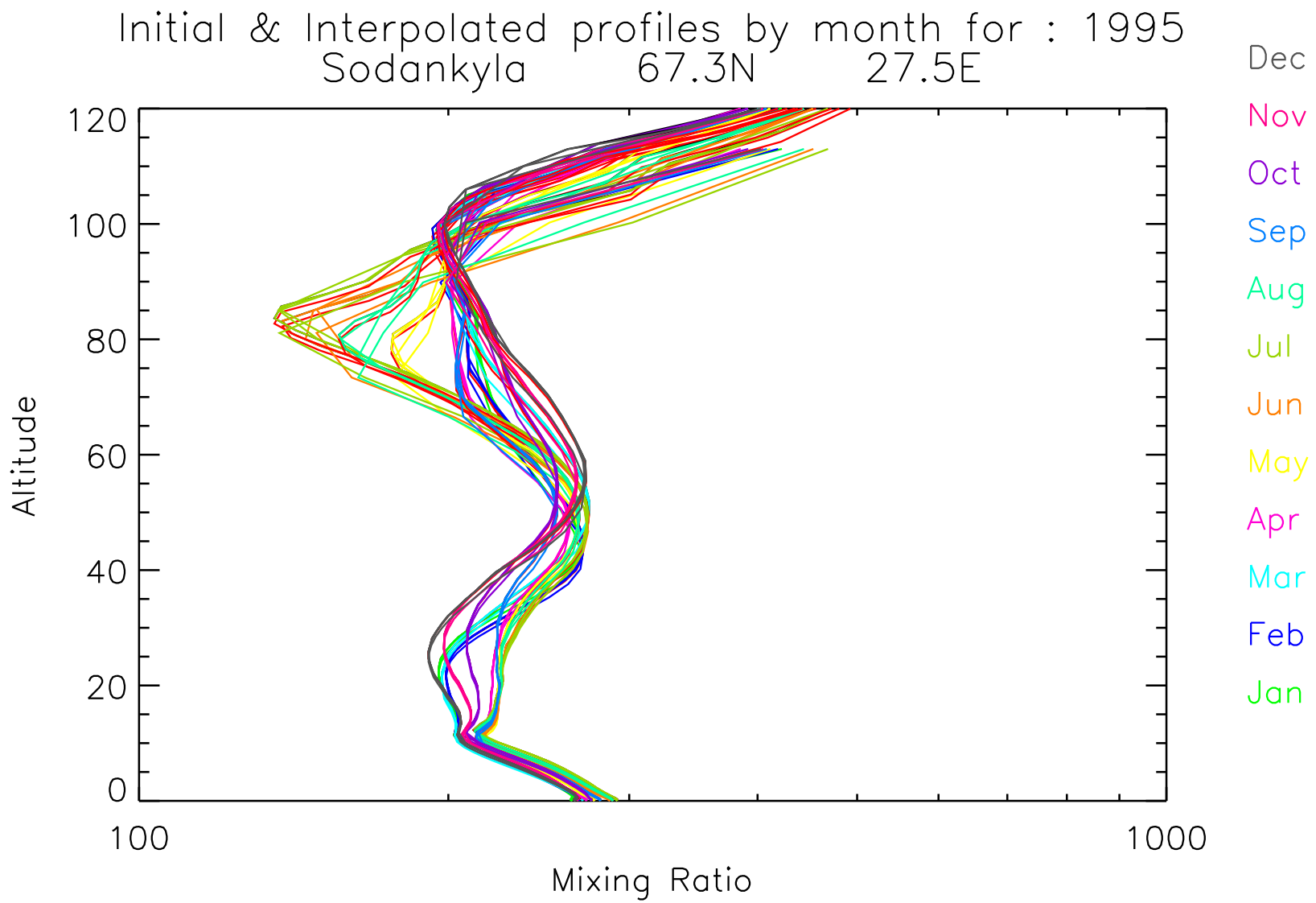
Initial & Interpolated profiles by month for : 1995
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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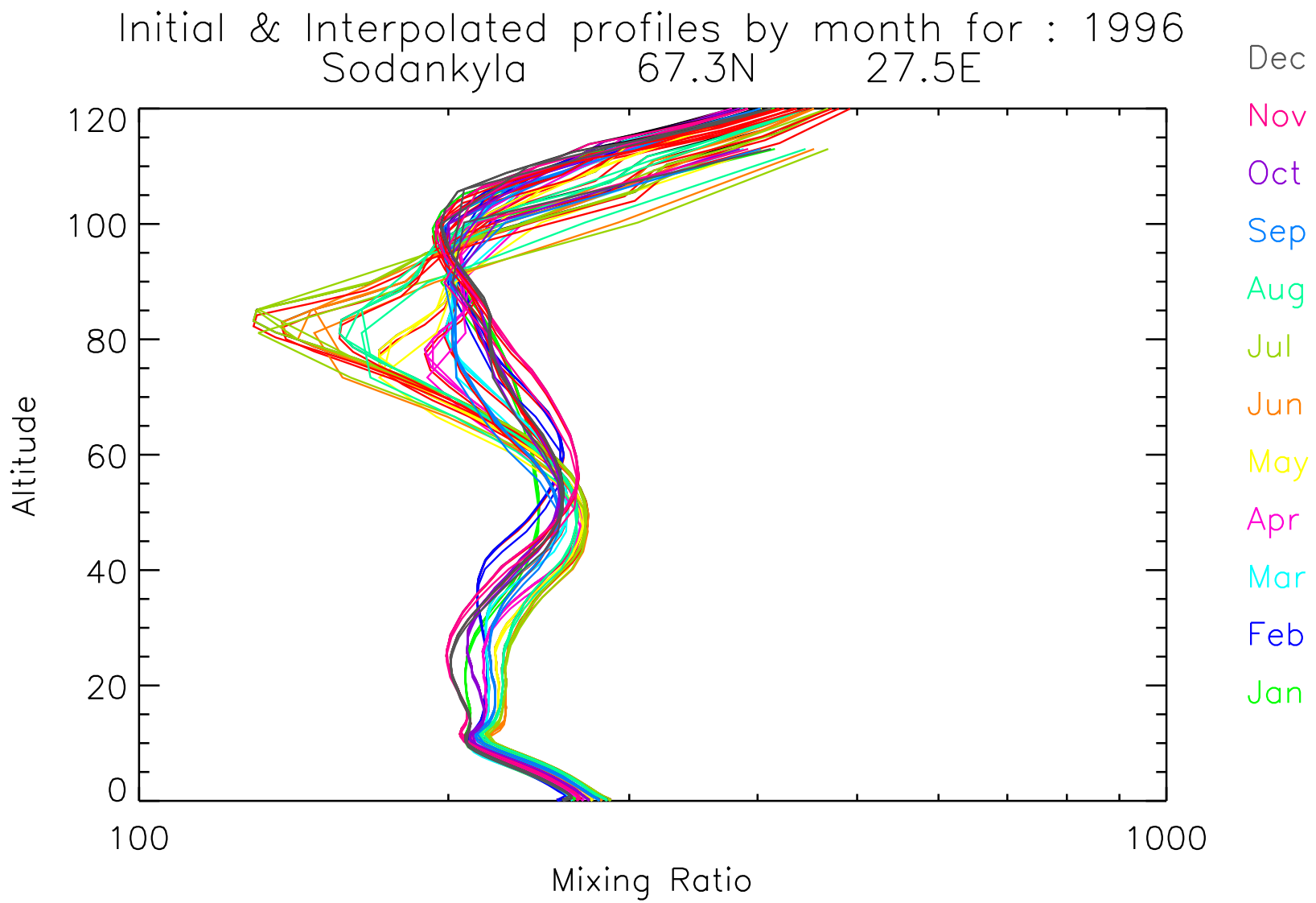
Initial & Interpolated profiles by month for : 1996
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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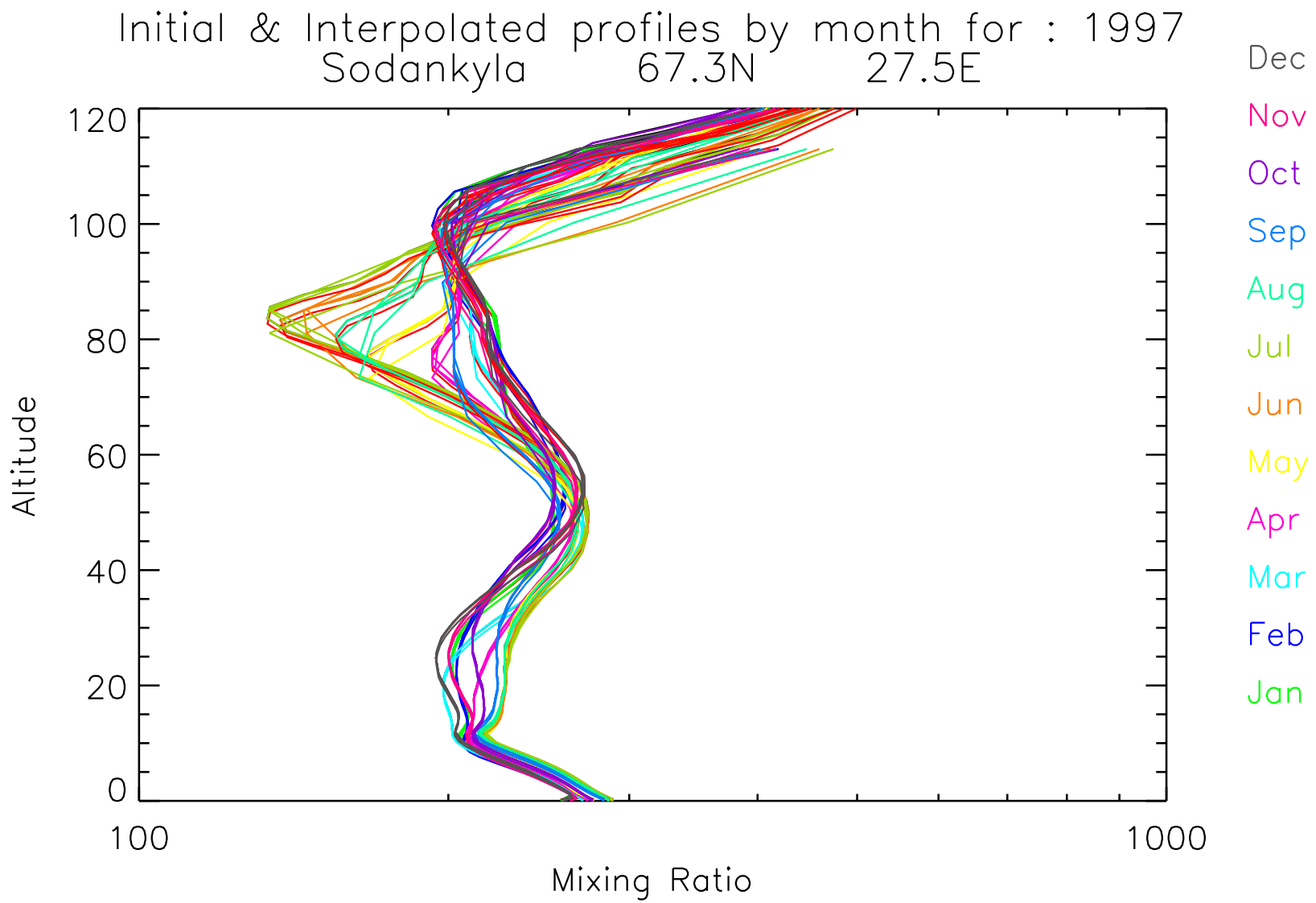
Initial & Interpolated profiles by month for : 1997
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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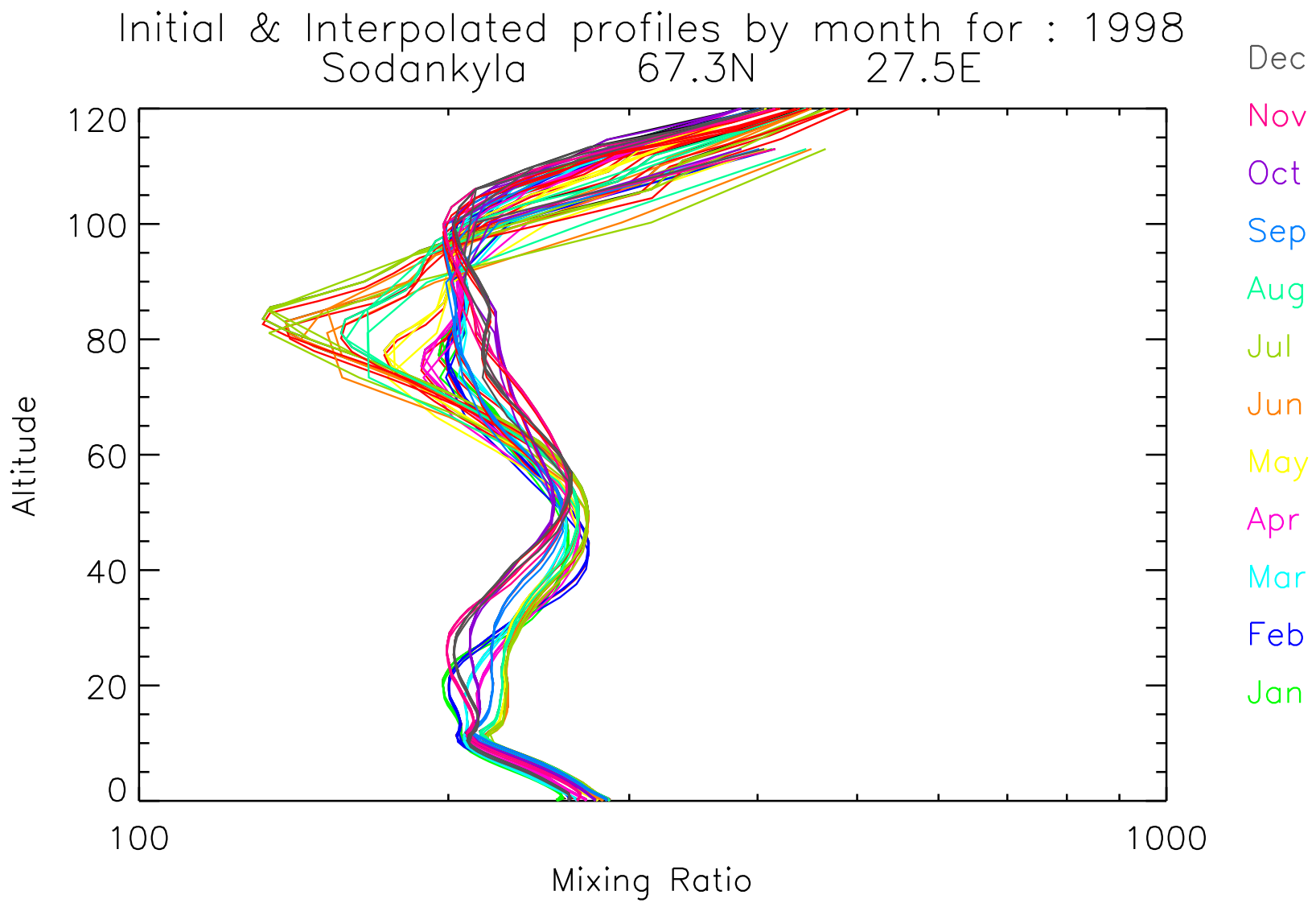
Initial & Interpolated profiles by month for : 1998
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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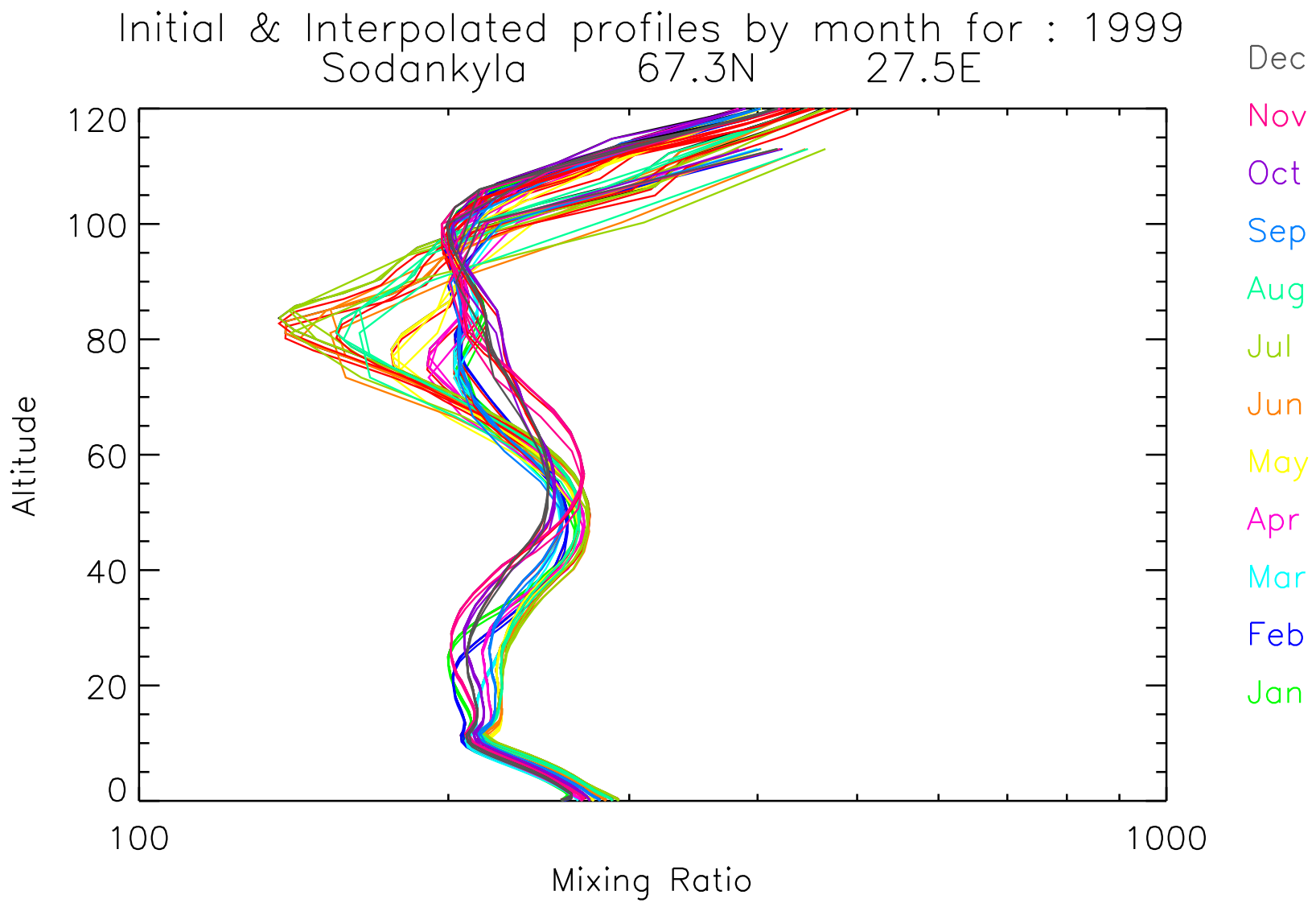
Initial & Interpolated profiles by month for : 1999
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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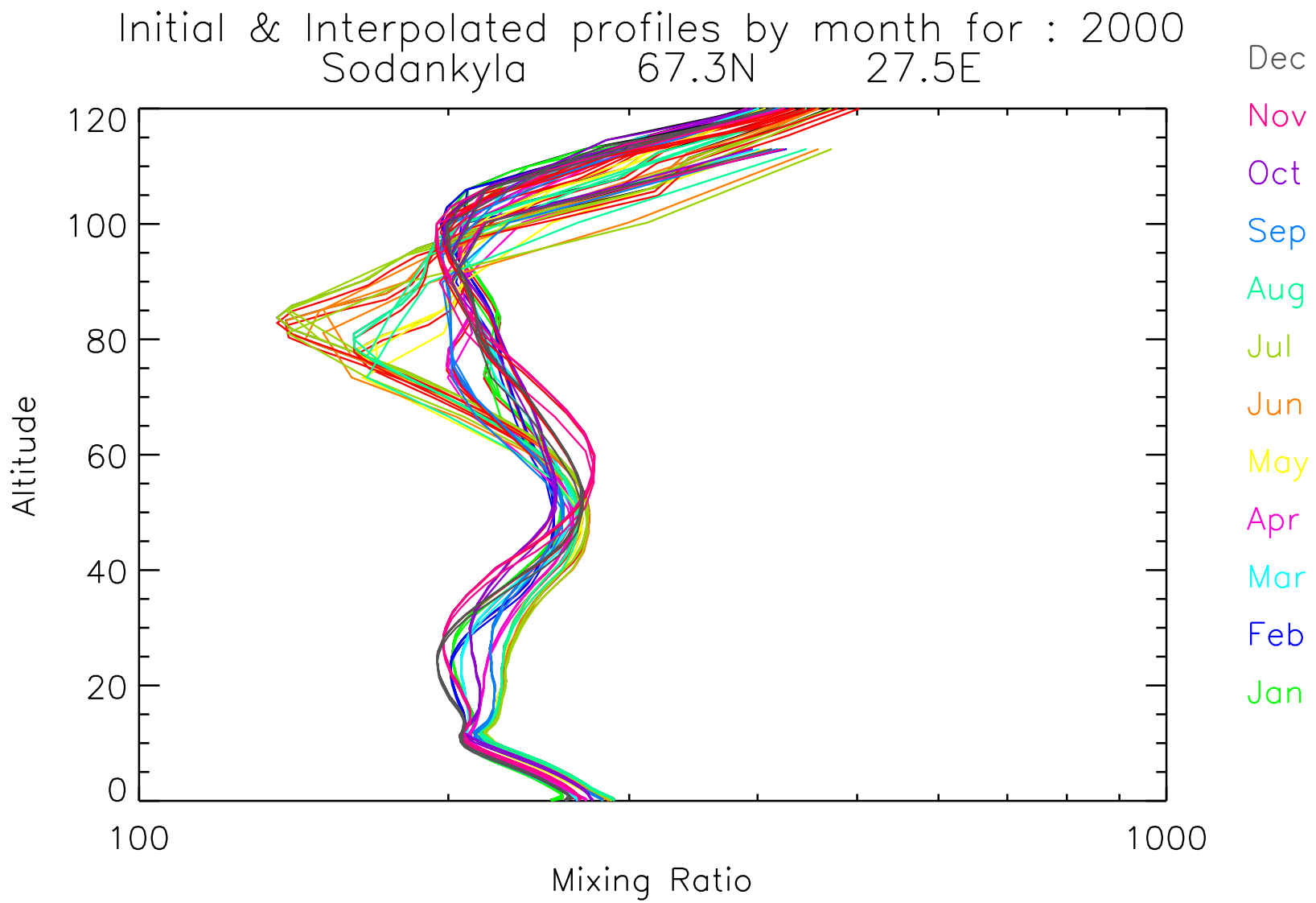
Initial & Interpolated profiles by month for : 2000
Sodankyla 67.3N 27.5E
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Mixing Ratio
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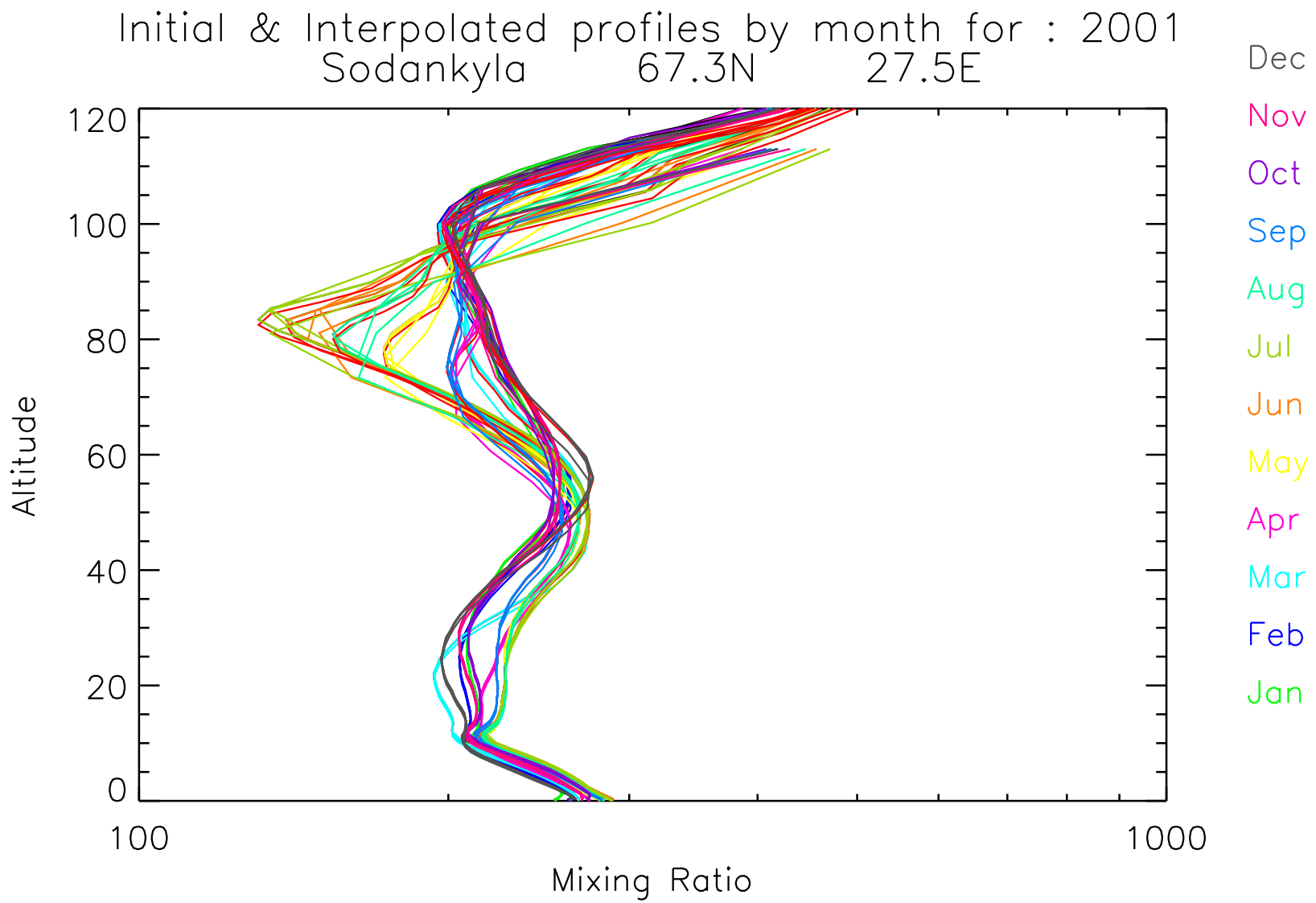
Initial & Interpolated profiles by month for : 2001
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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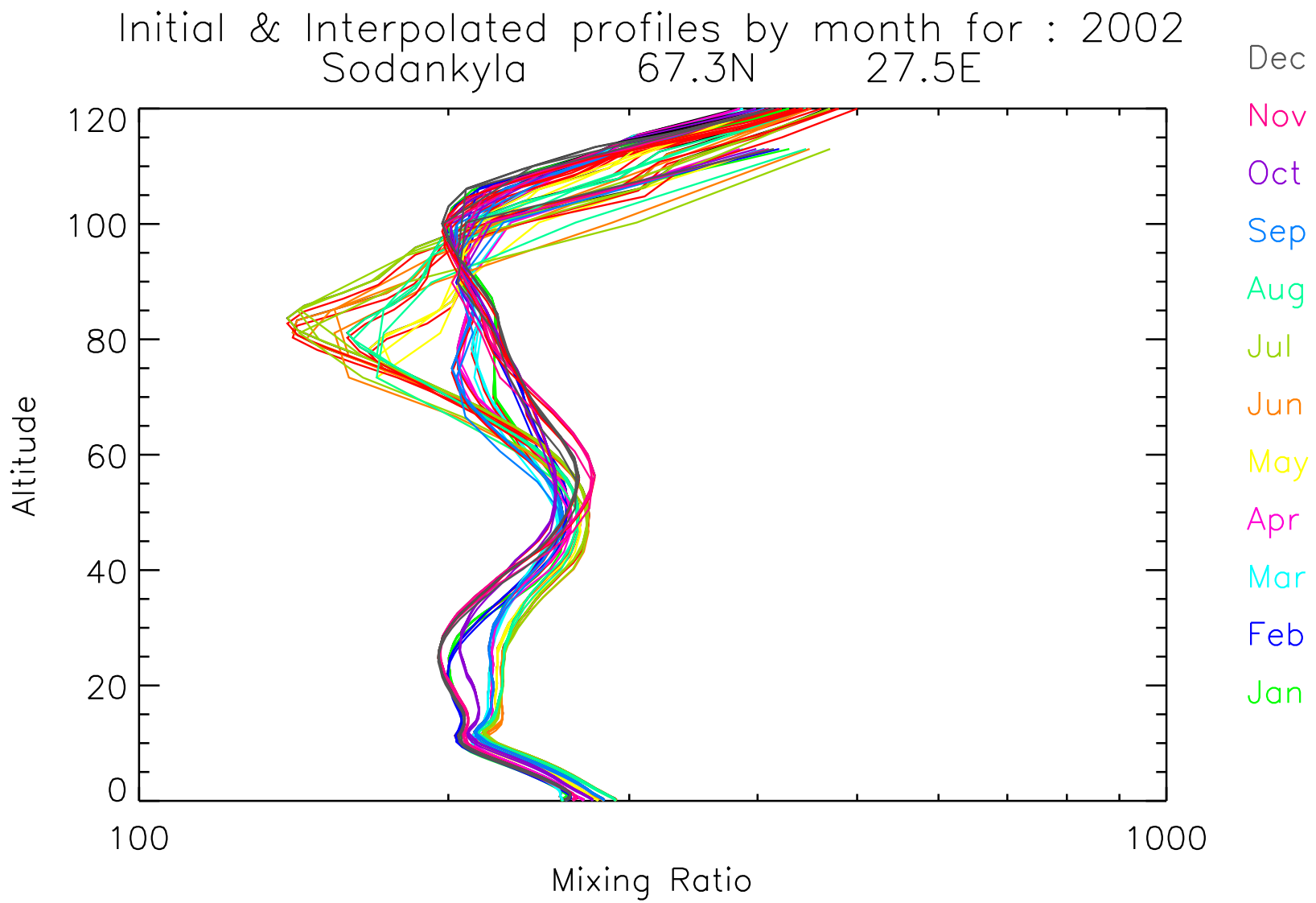
Initial & Interpolated profiles by month for : 2002
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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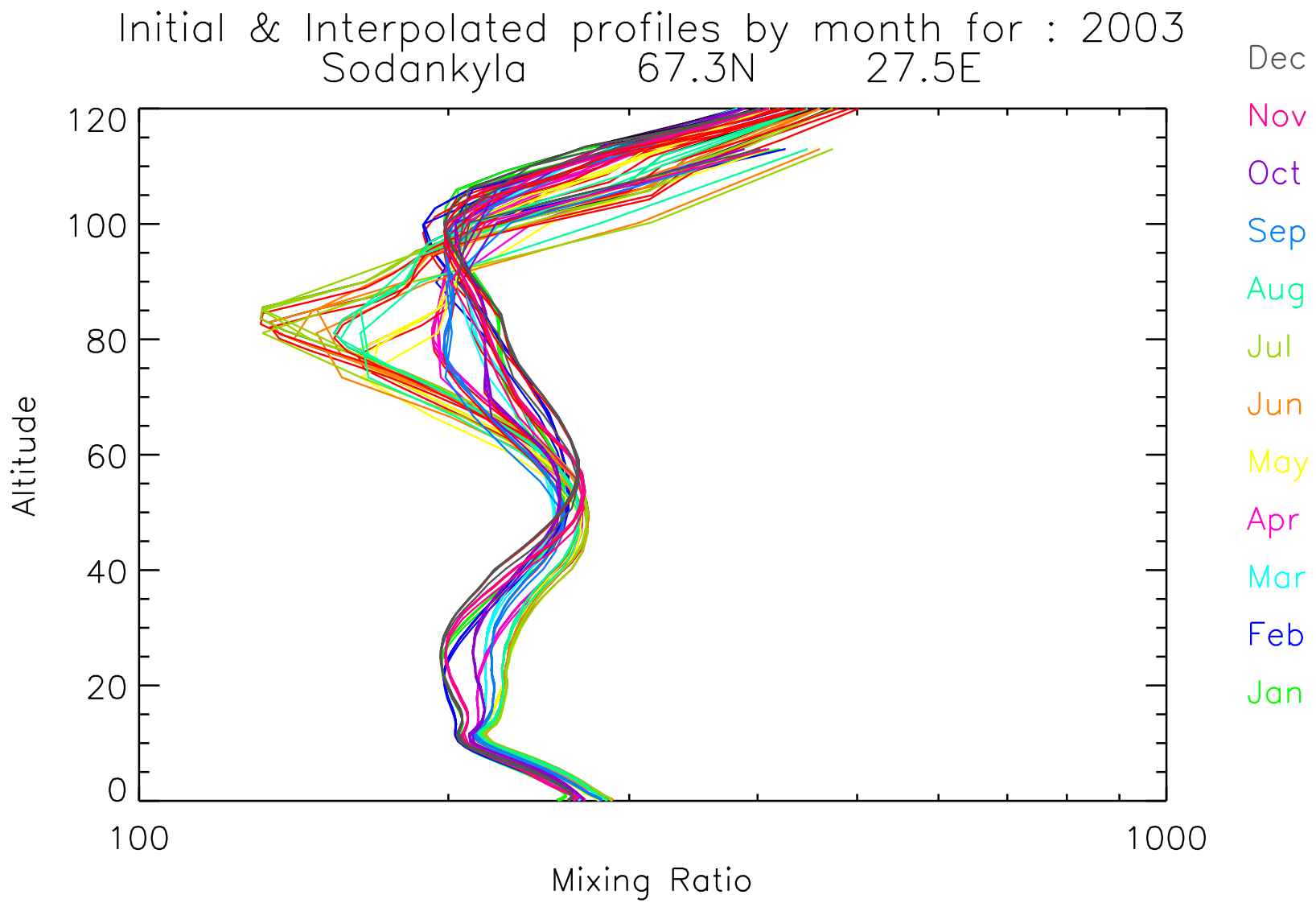
Initial & Interpolated profiles by month for : 2003
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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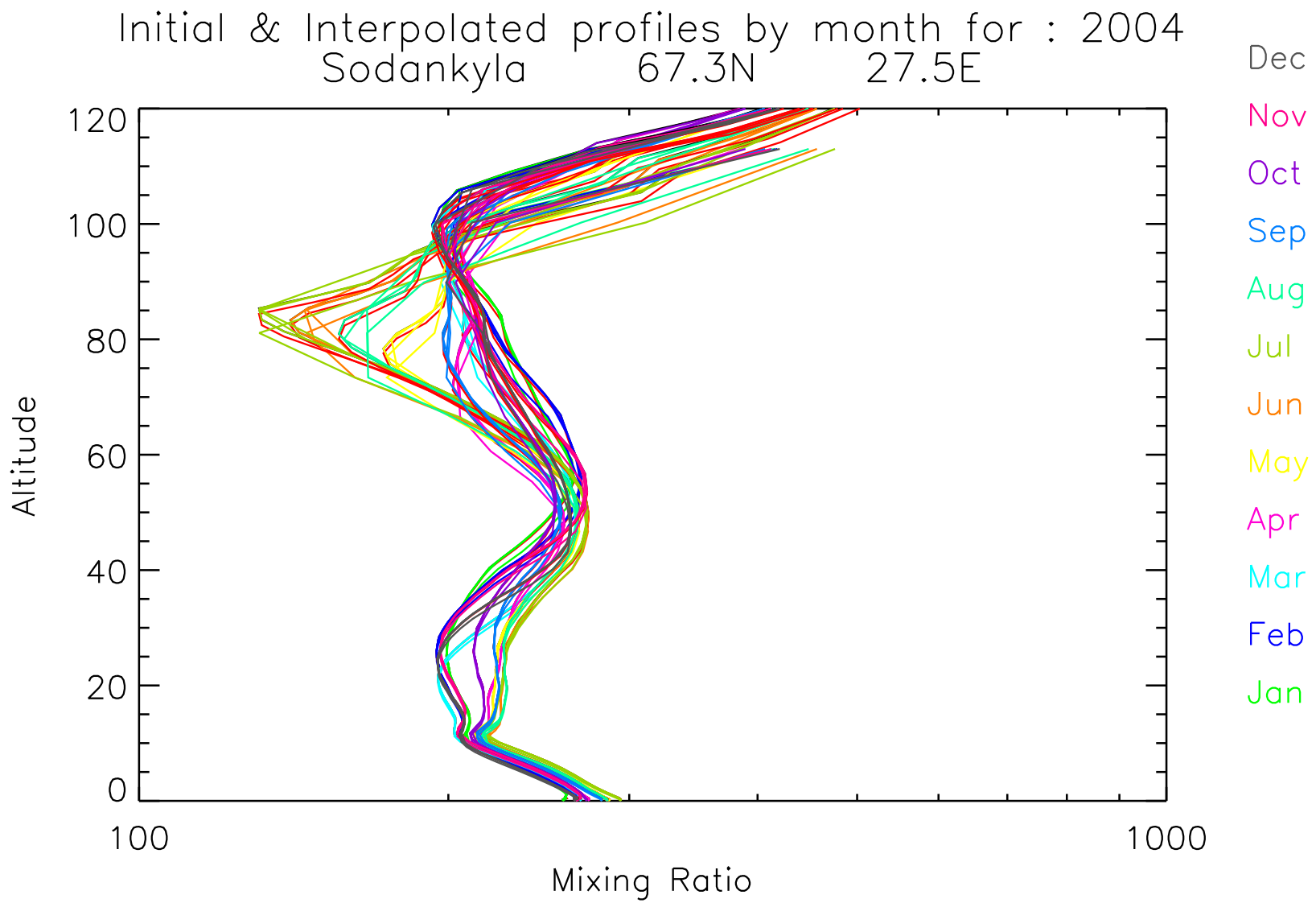
Initial & Interpolated profiles by month for : 2004
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Altitude
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Mixing Ratio
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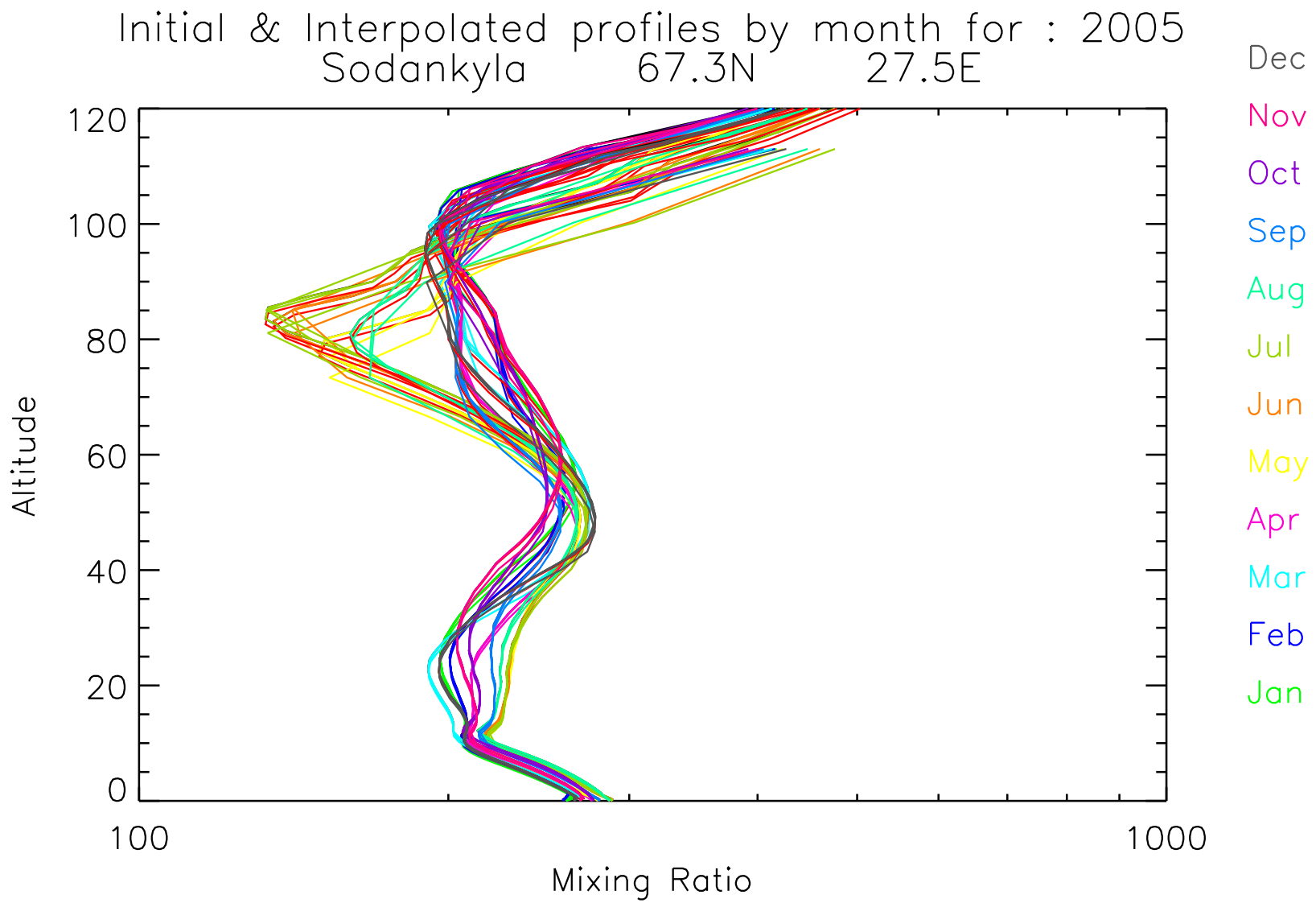
Initial & Interpolated profiles by month for : 2005
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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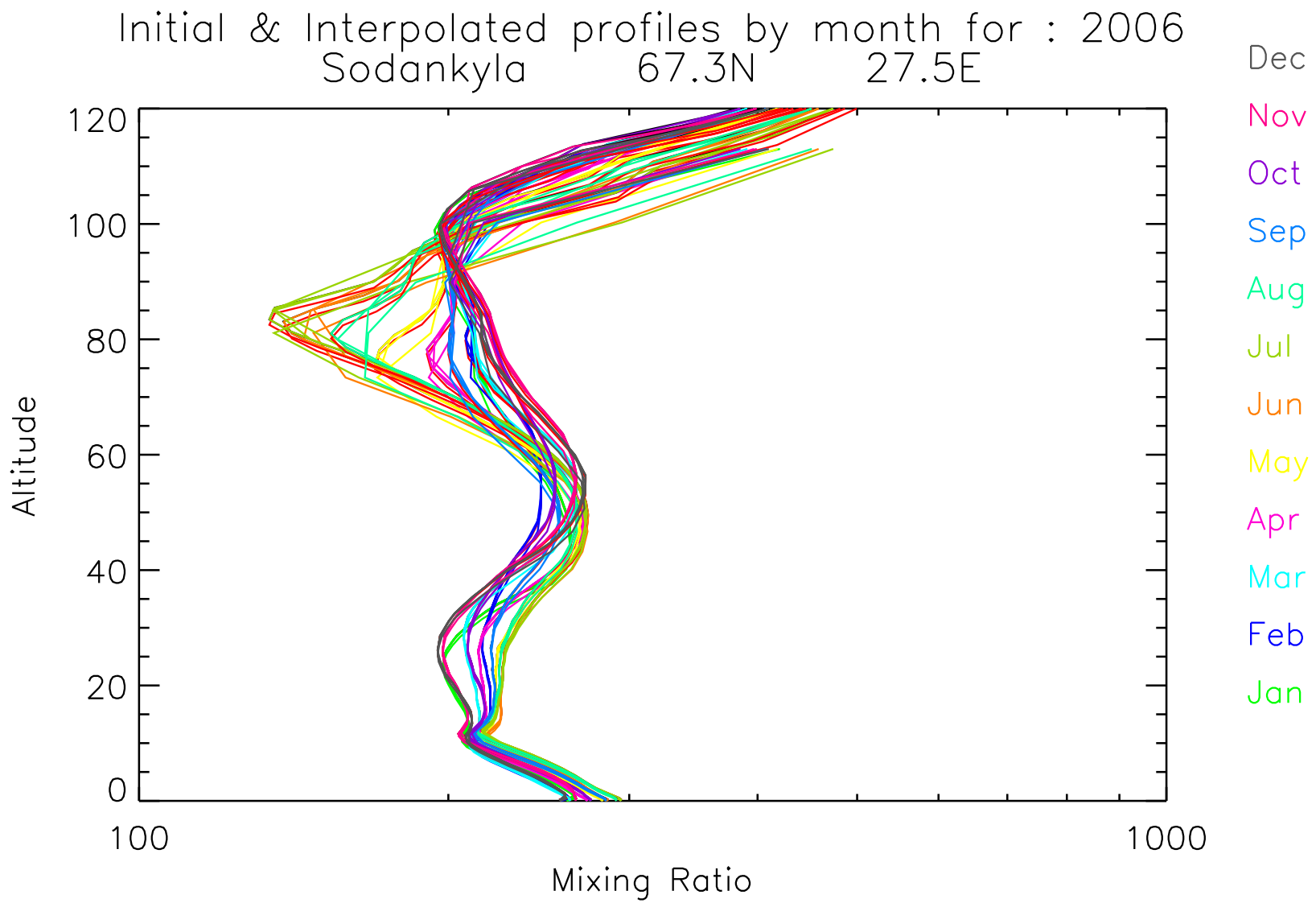
Initial & Interpolated profiles by month for : 2006
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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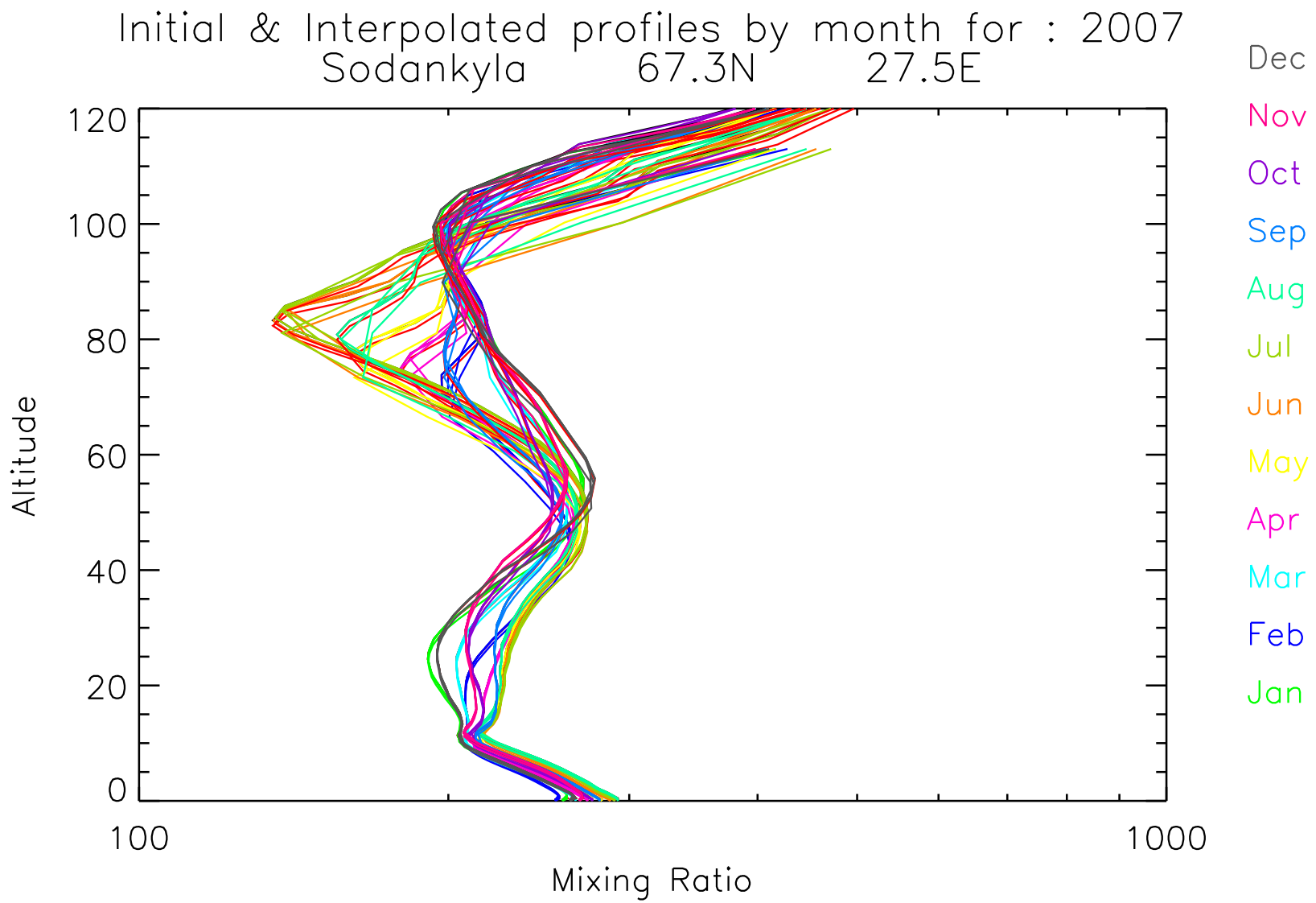
Initial & Interpolated profiles by month for : 2007
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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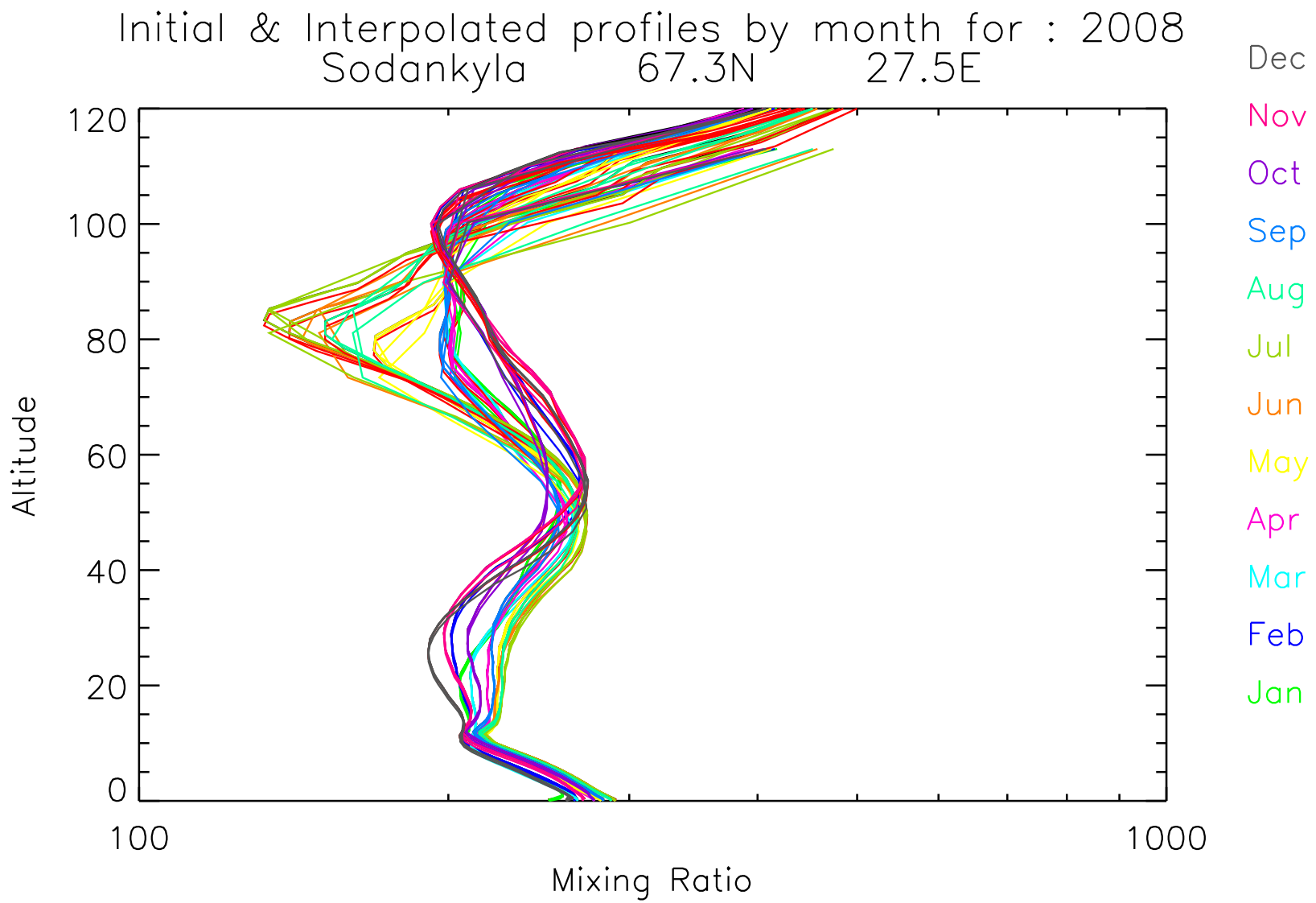
Initial & Interpolated profiles by month for : 2008
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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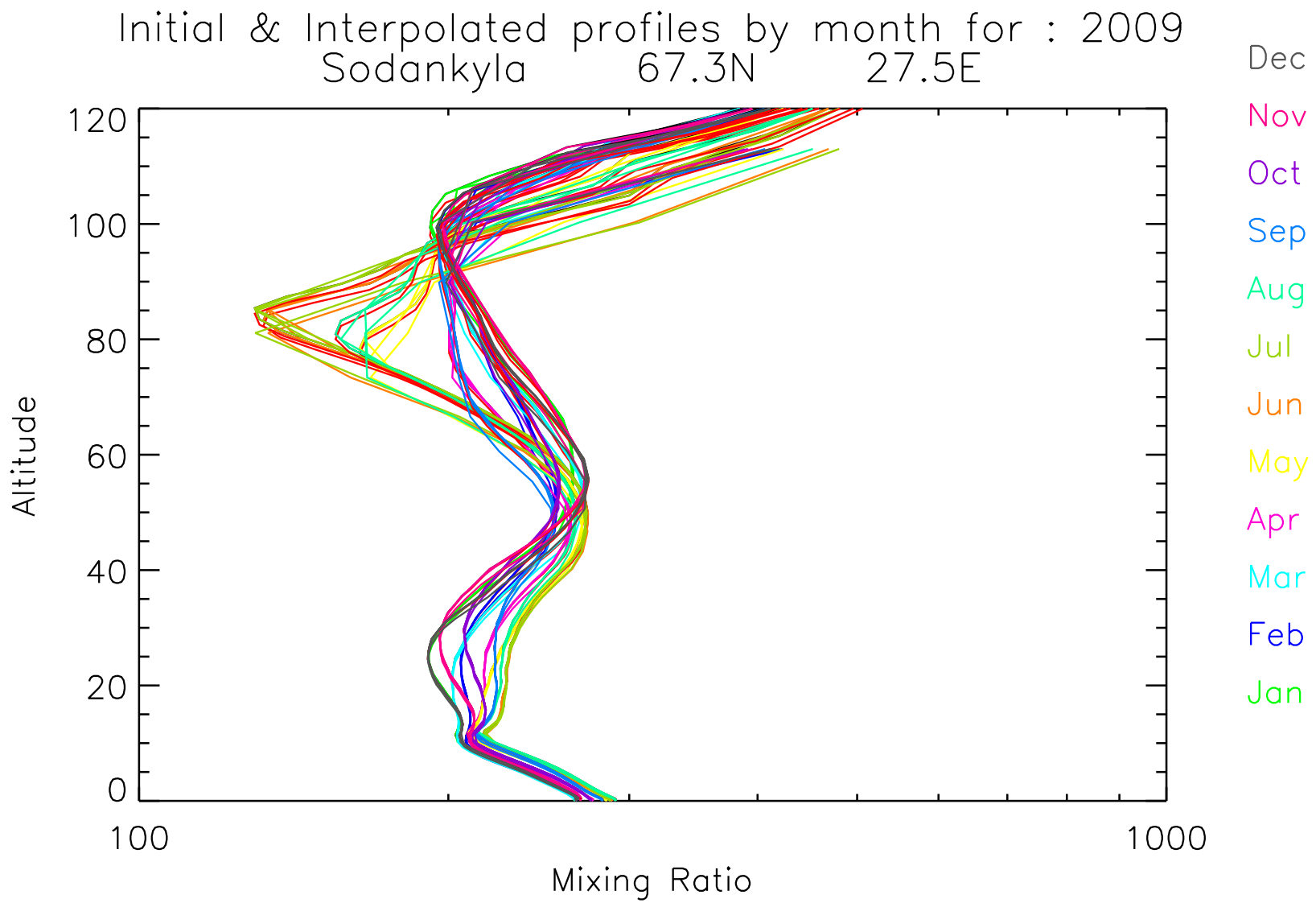
Initial & Interpolated profiles by month for : 2009
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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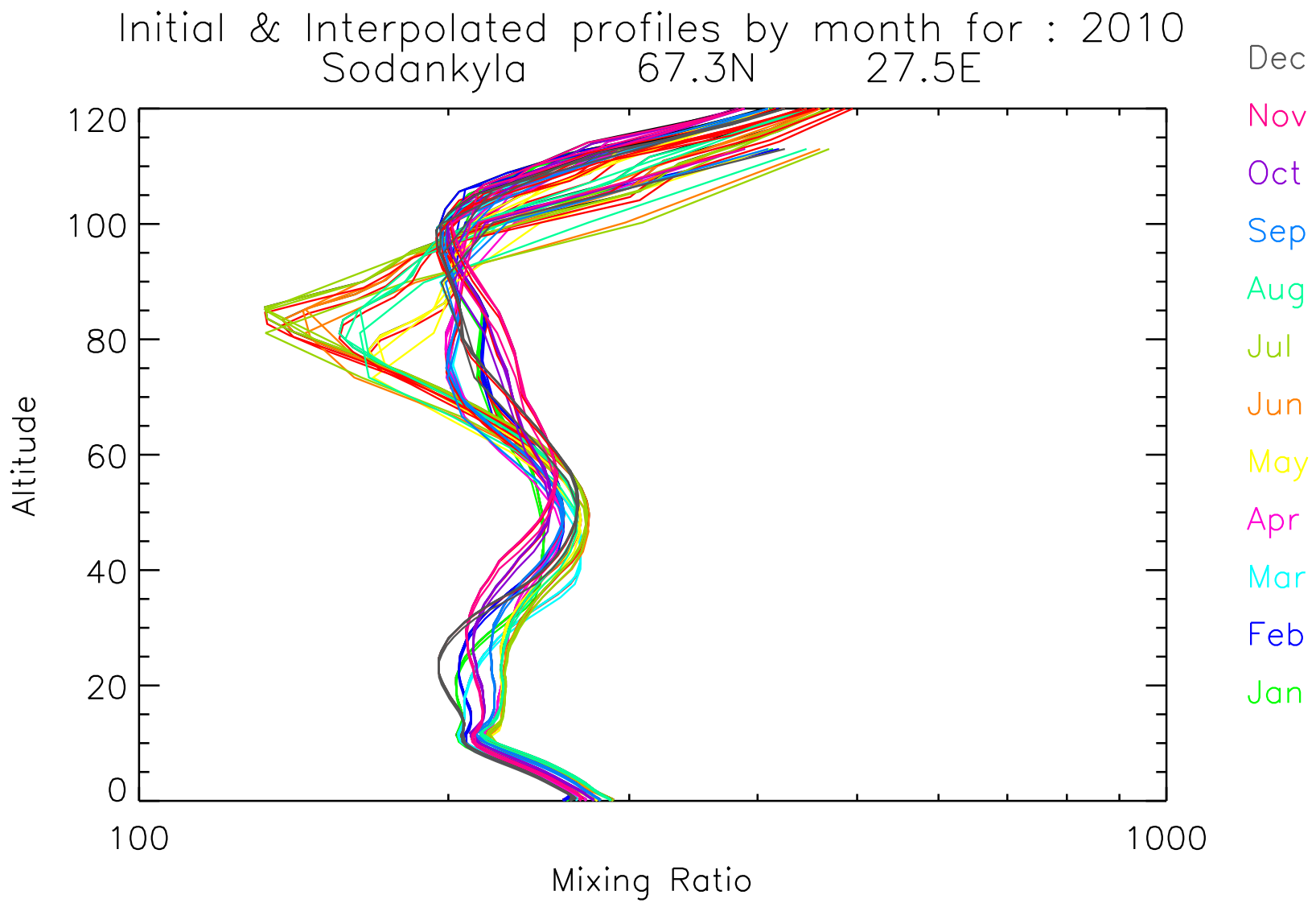
Initial & Interpolated profiles by month for : 2010
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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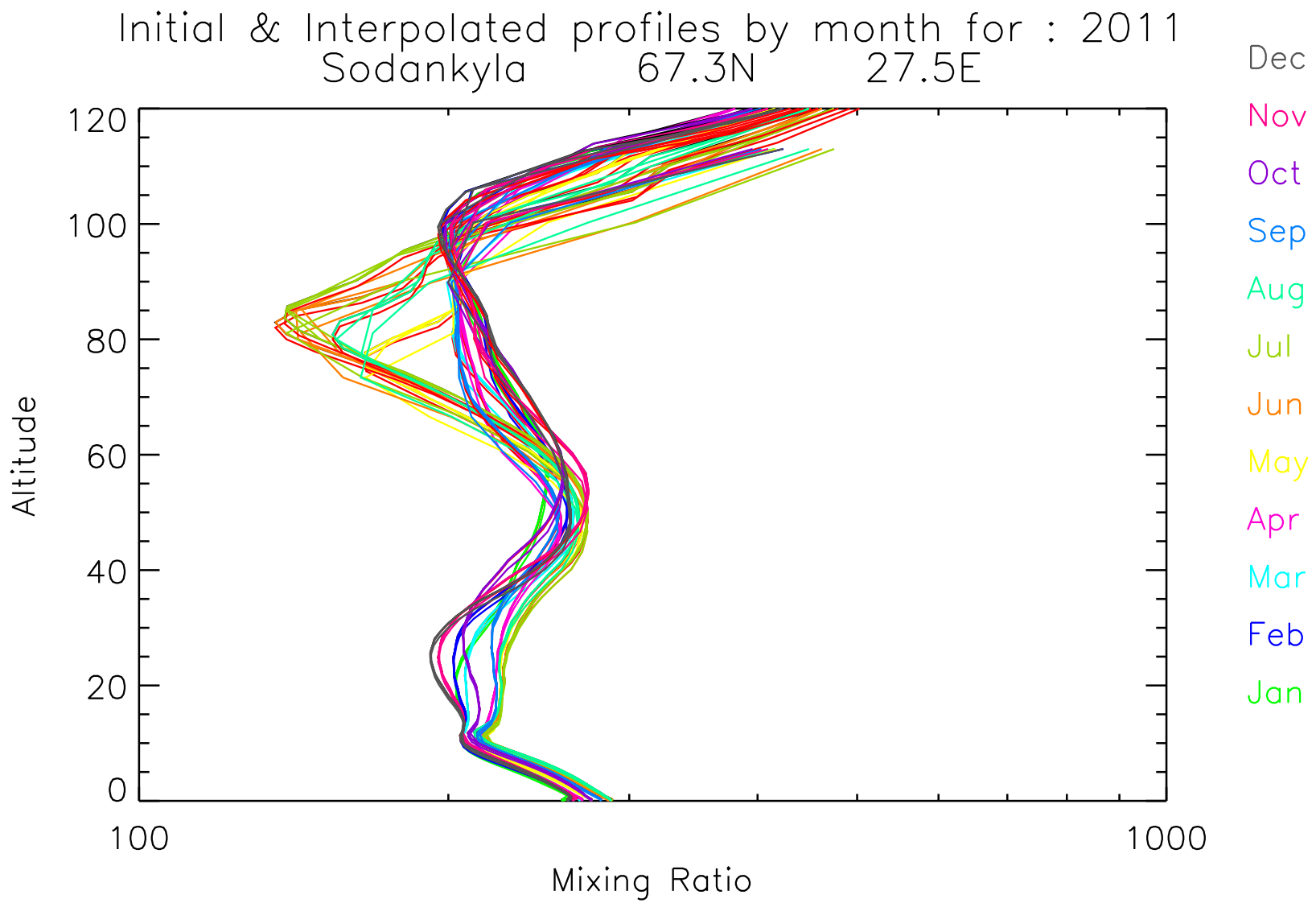
Initial & Interpolated profiles by month for : 2011
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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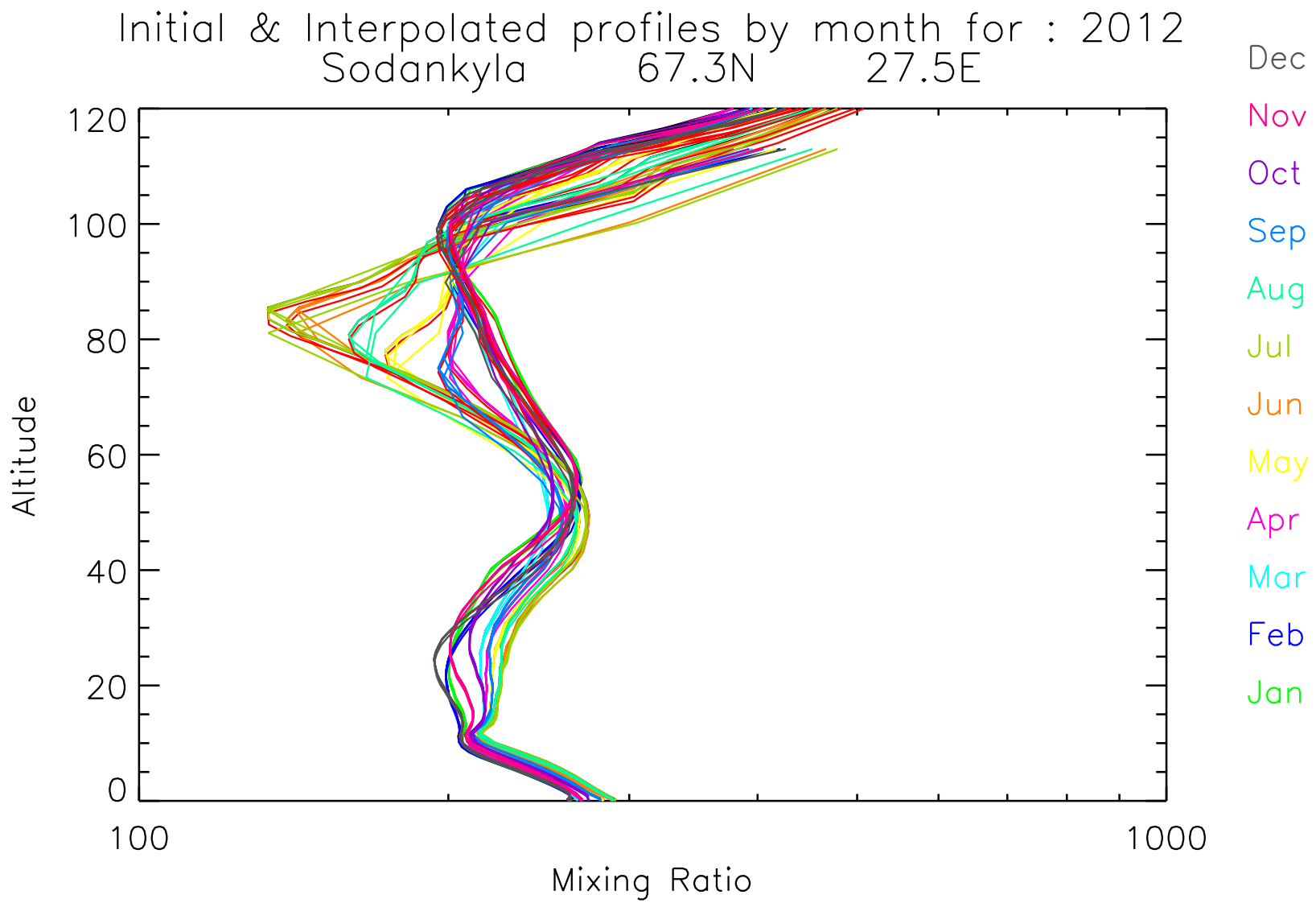
Initial & Interpolated profiles by month for : 2012
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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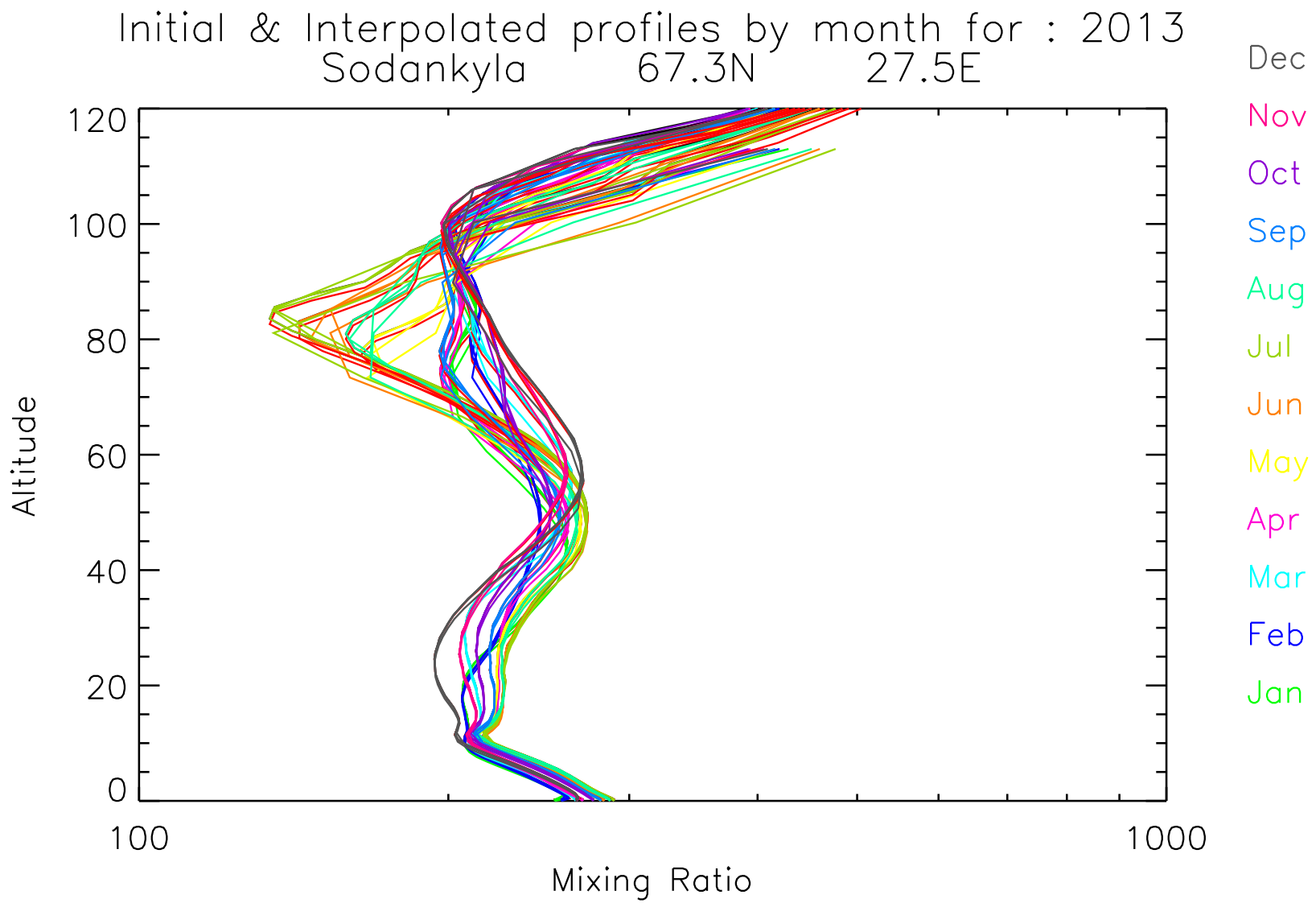
Initial & Interpolated profiles by month for : 2013
Sodankyla 67.3N 27.5E
Altitude
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Mixing Ratio
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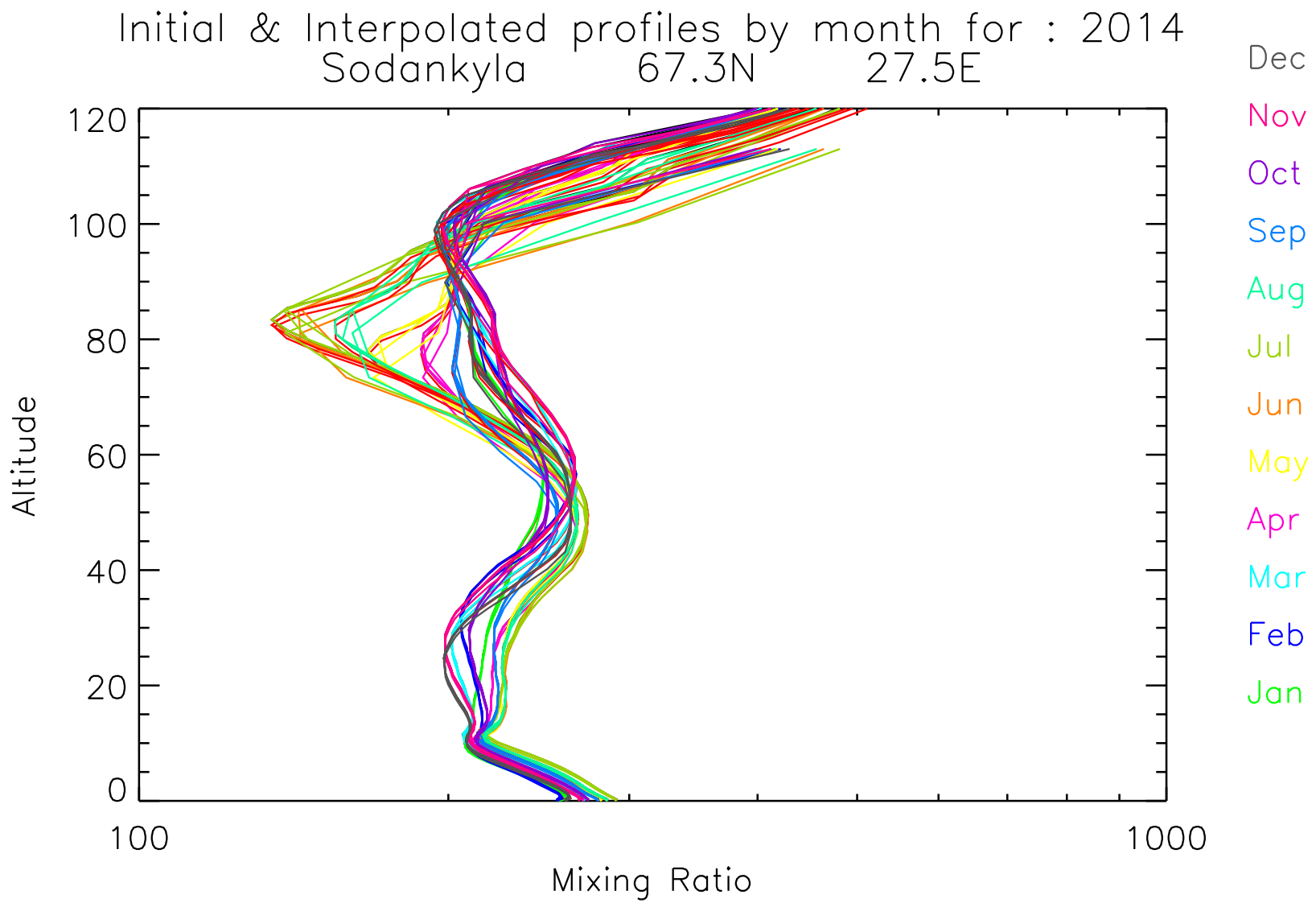
Initial & Interpolated profiles by month for : 2014
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Mixing Ratio
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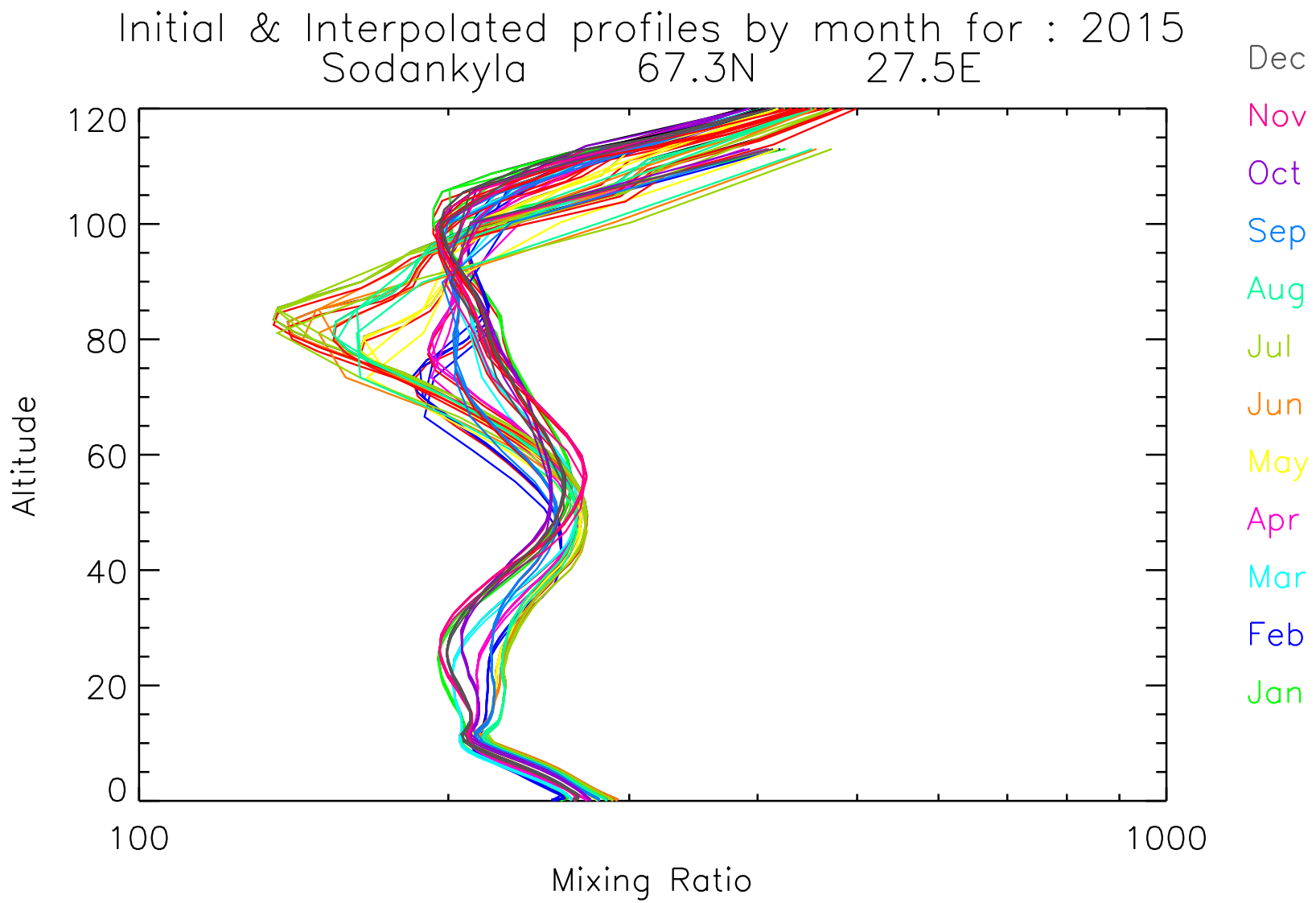
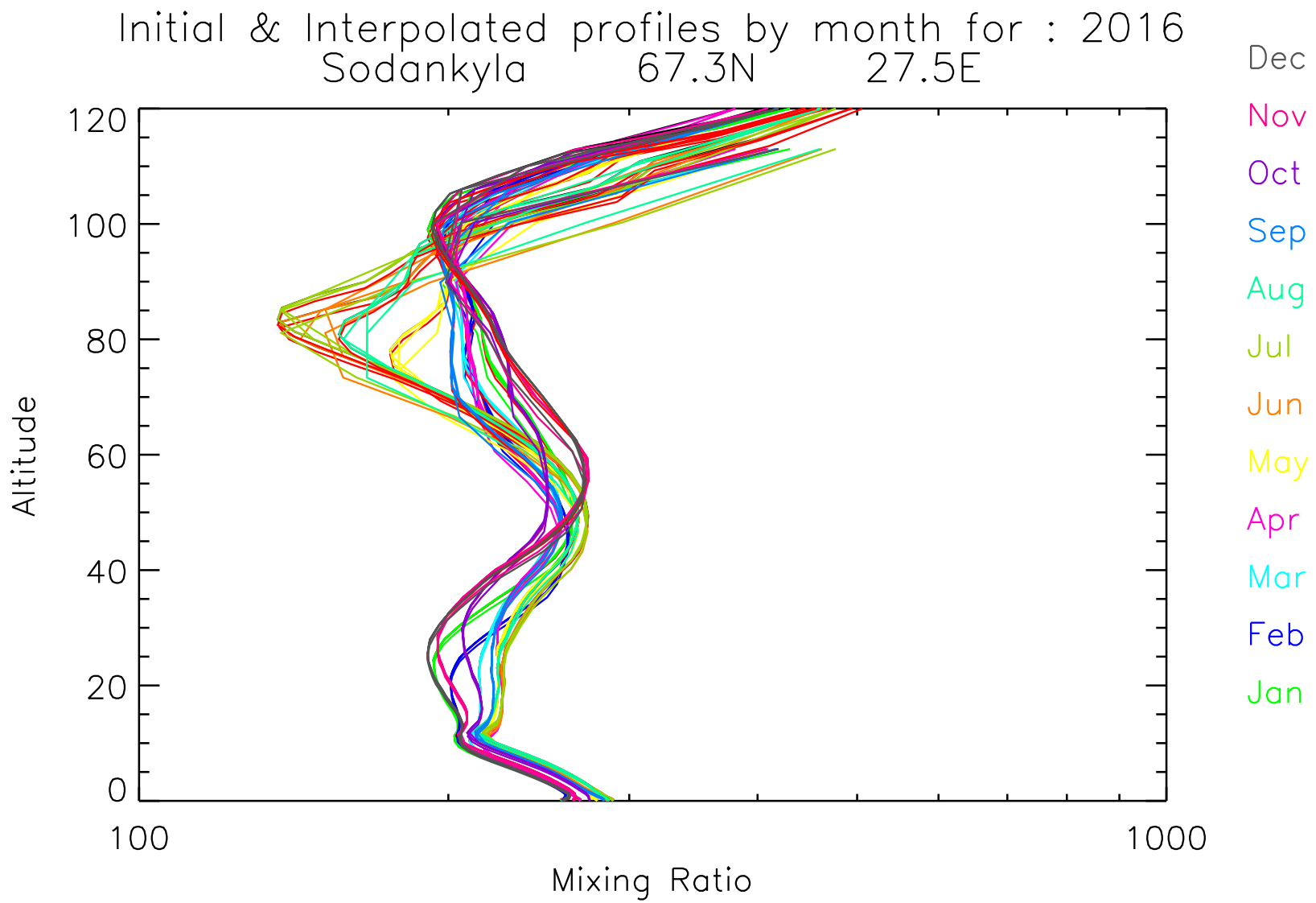
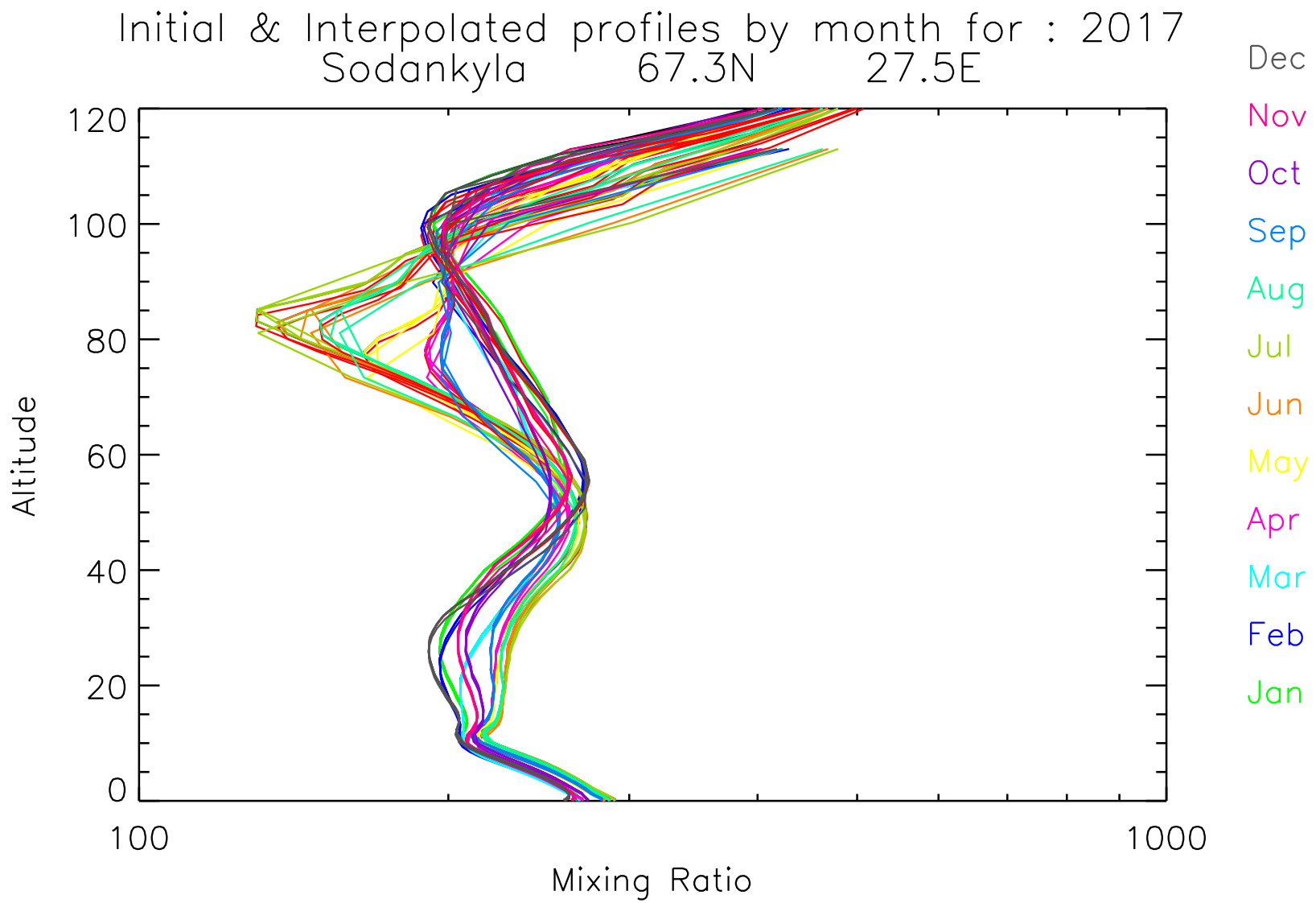
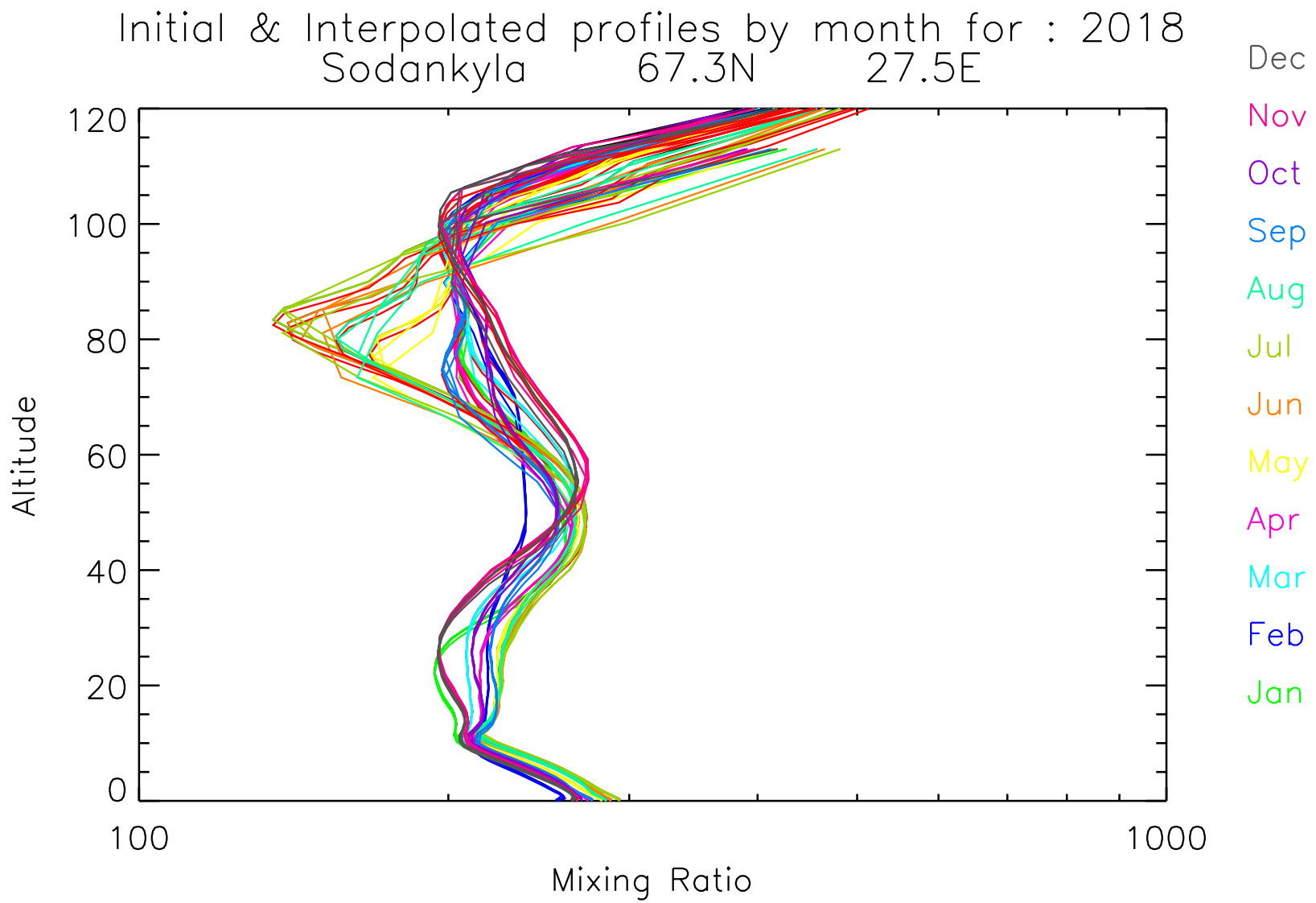
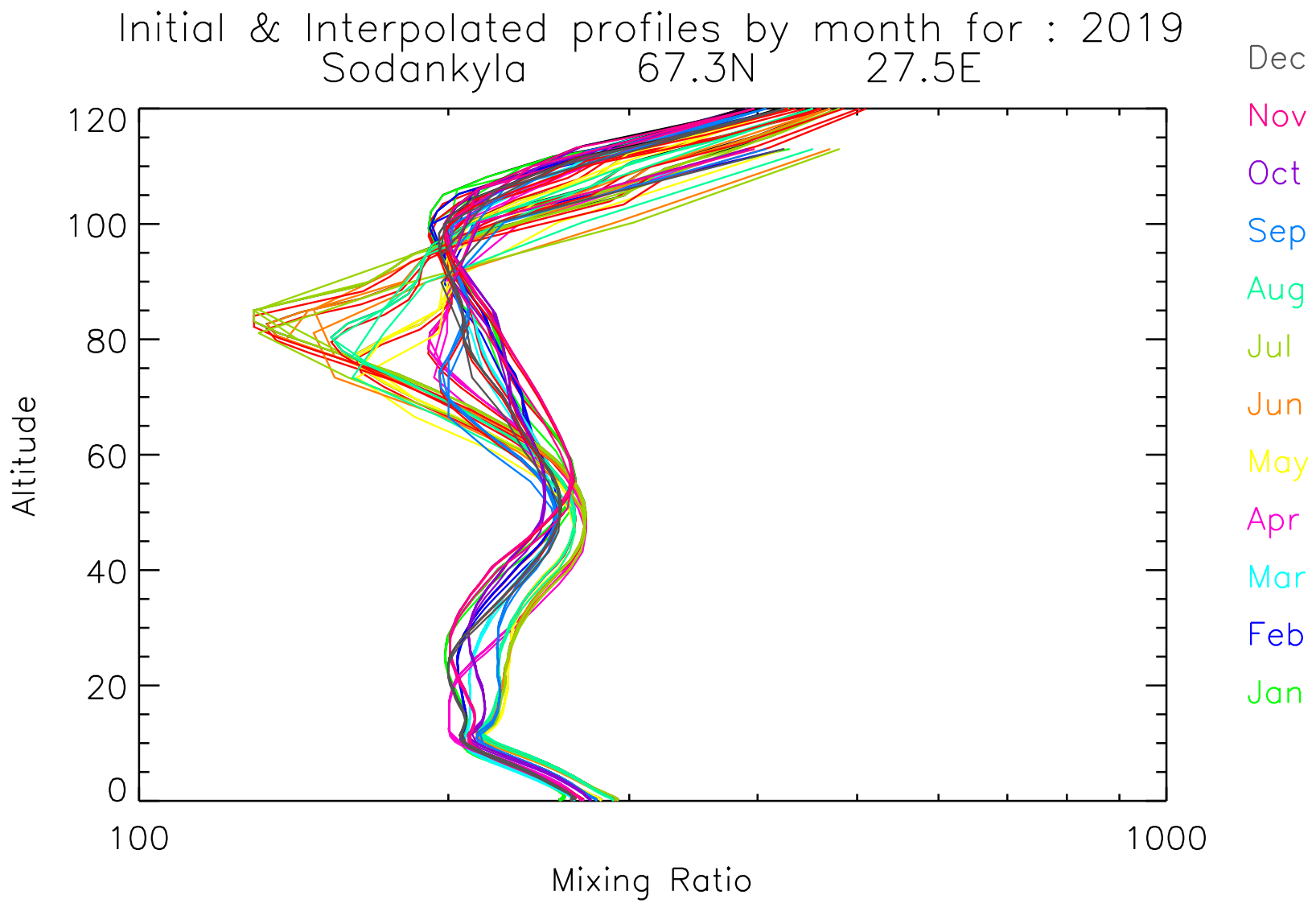
Feb
Jan

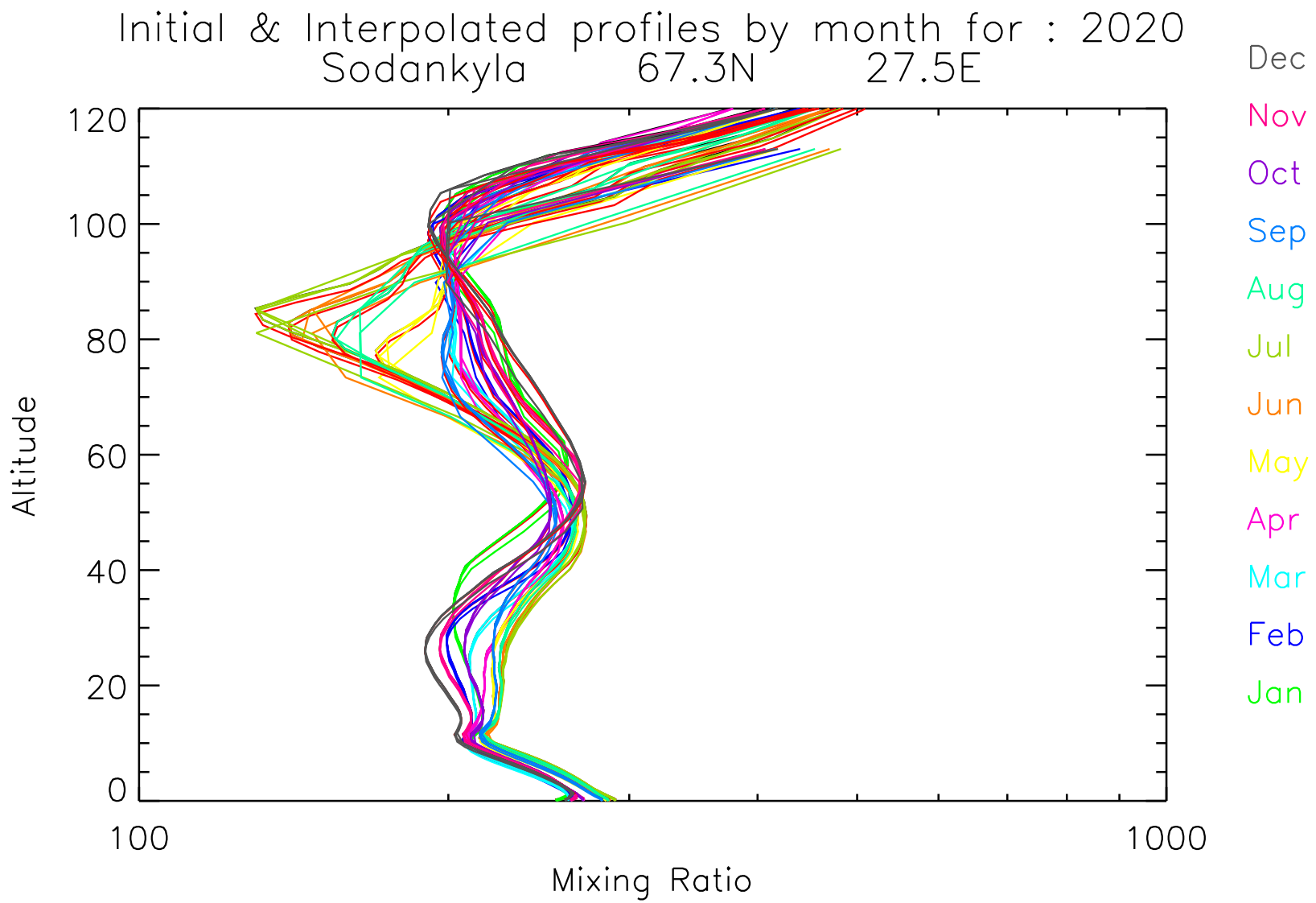

Initial & Interpolated profiles by month for : 2015
Sodankyla 67.3N 27.5E
Altitude
120
100
80
60
40
20
0
100
1000
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

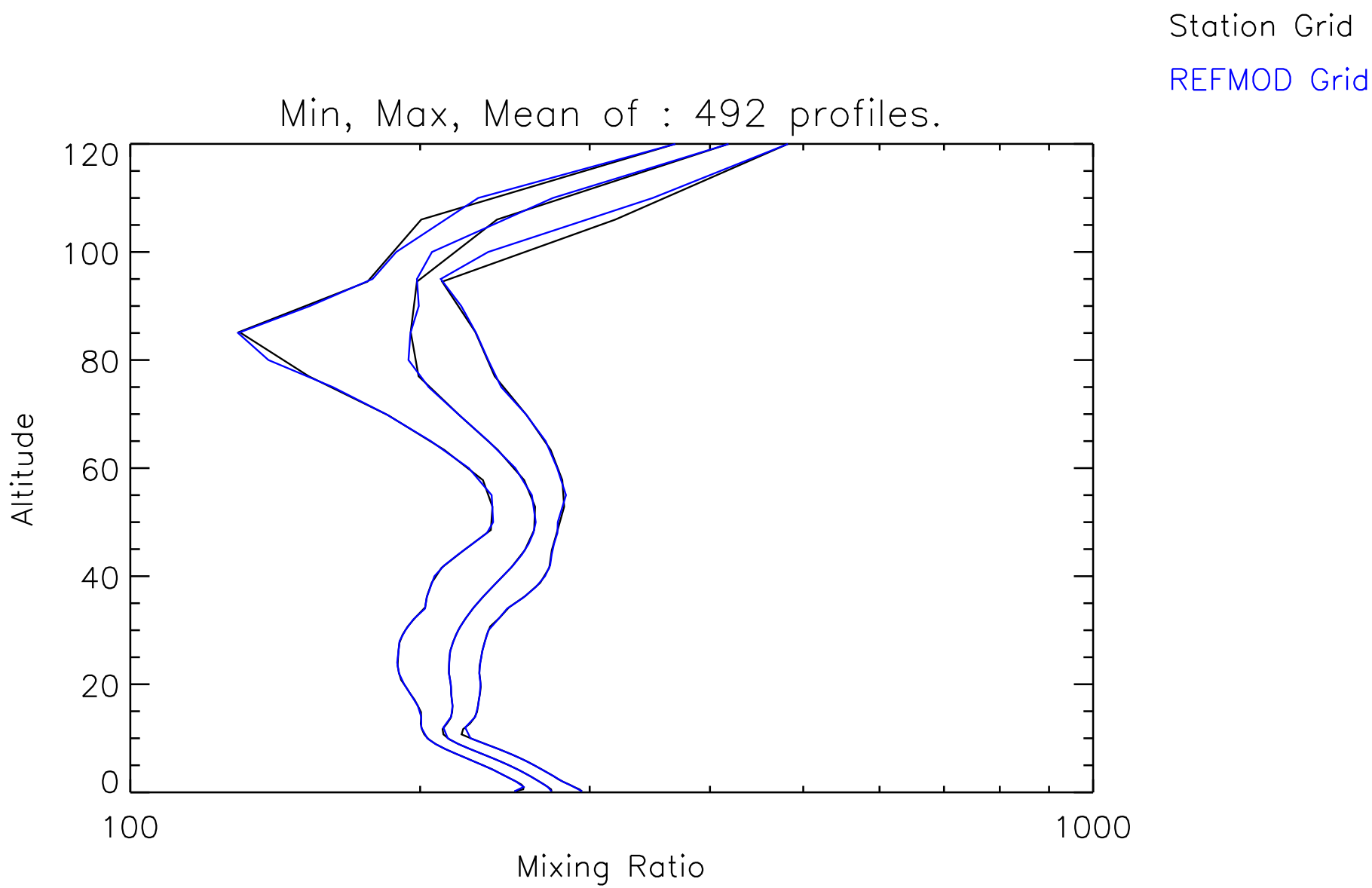

Initial & Interpolated profiles by month for : 2016
Sodankyla 67.3N 27.5E
Altitude
120
100
80
60
40
20
0
100
1000
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

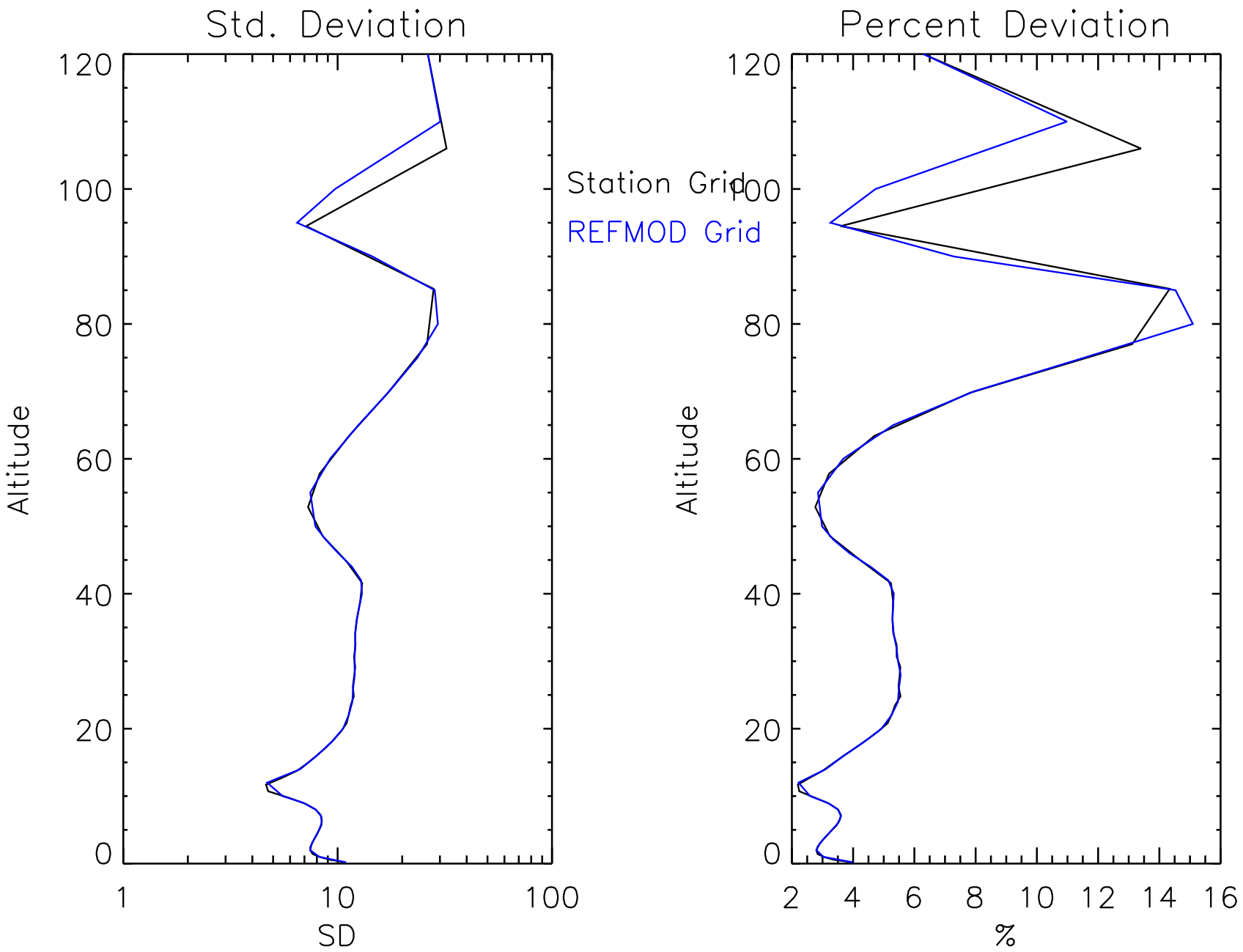

Initial & Interpolated profiles by month for : 2017
Sodankyla 67.3N 27.5E
Altitude
120
100
80
60
40
20
0
100
1000
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

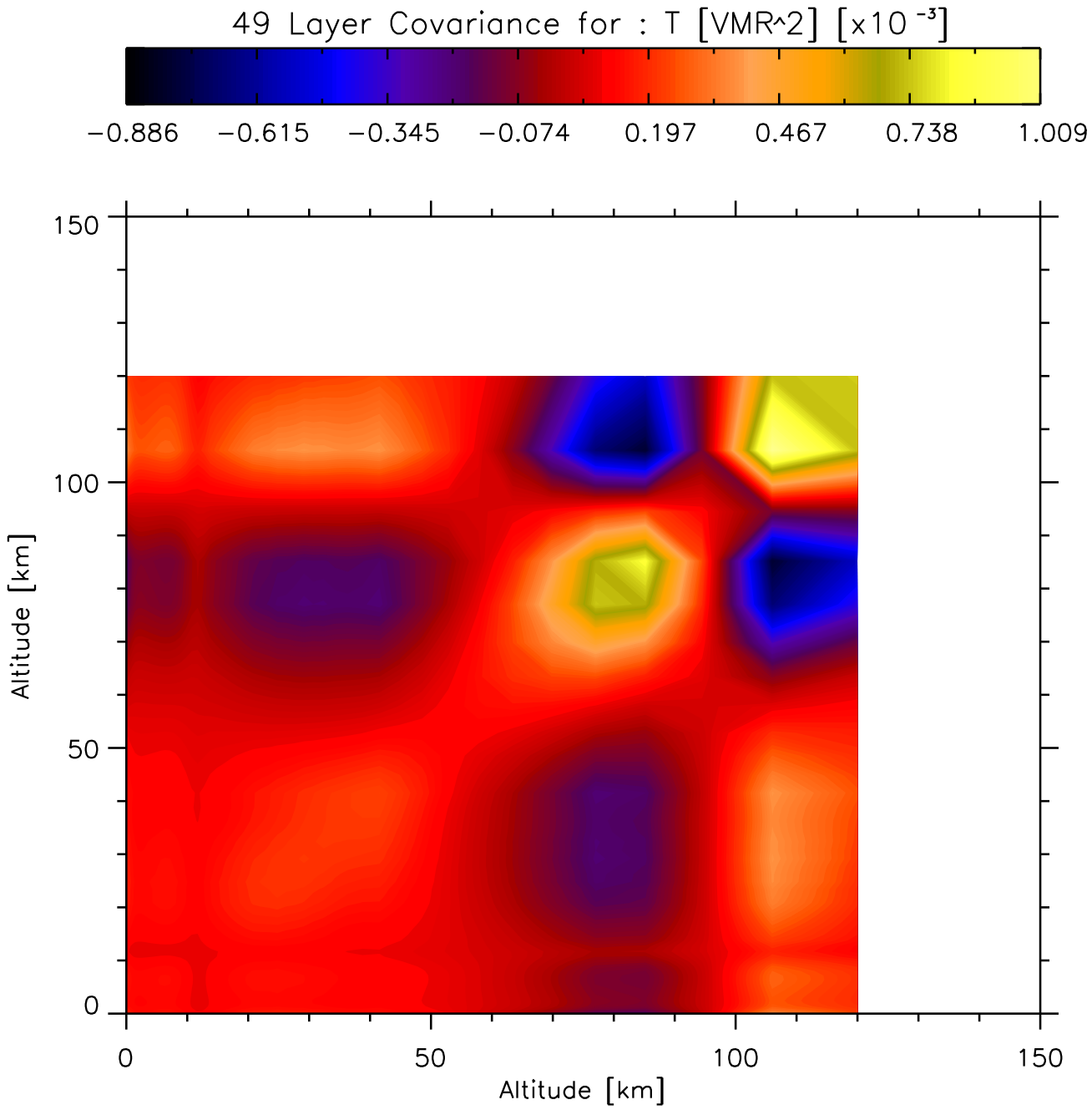

Initial & Interpolated profiles by month for : 2018
Sodankyla 67.3N 27.5E
Altitude
120
100
80
60
40
20
0
100
1000
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

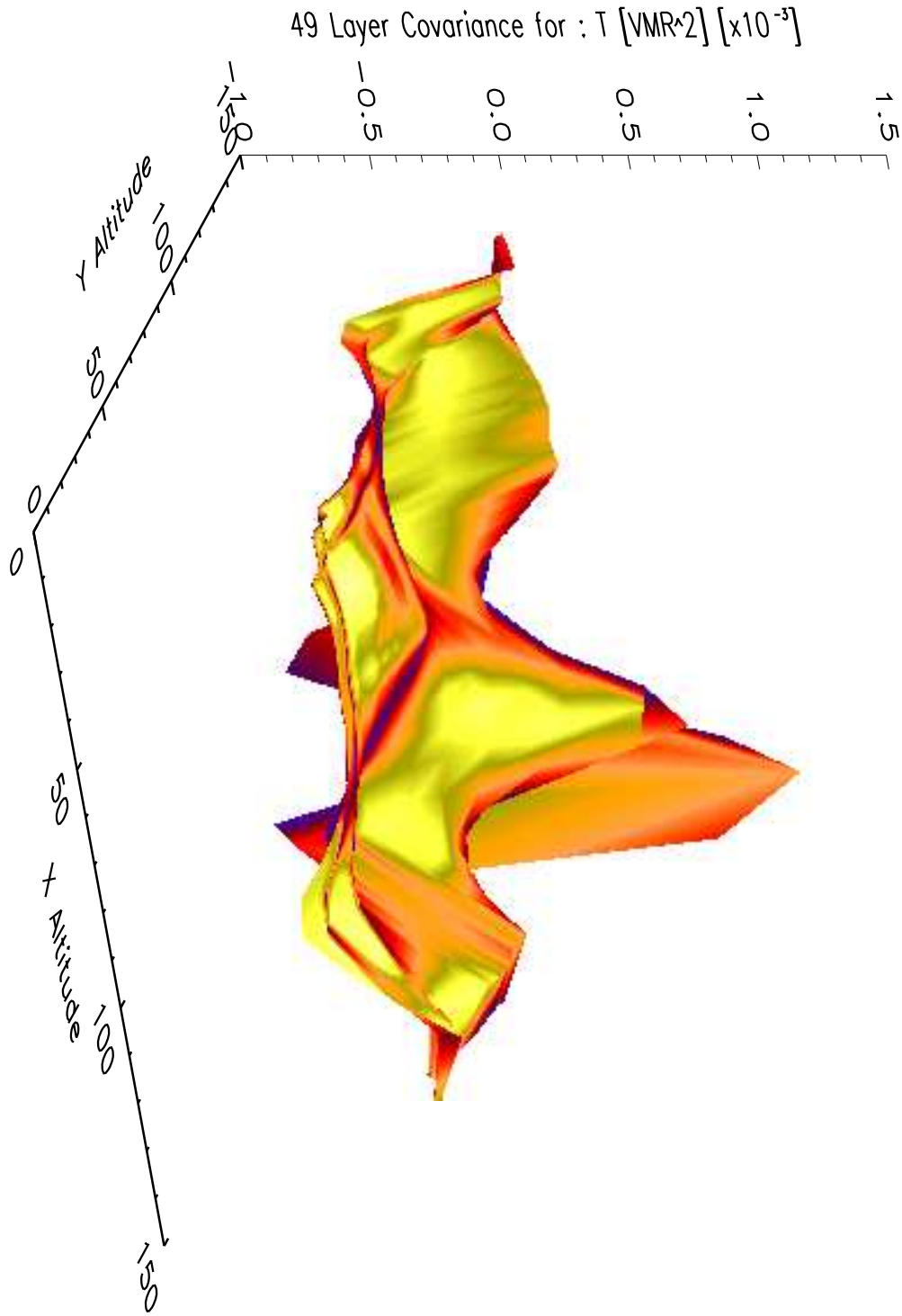

Initial & Interpolated profiles by month for : 2019
Sodankyla 67.3N 27.5E
Altitude
120
100
80
60
40
20
0
100
1000
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

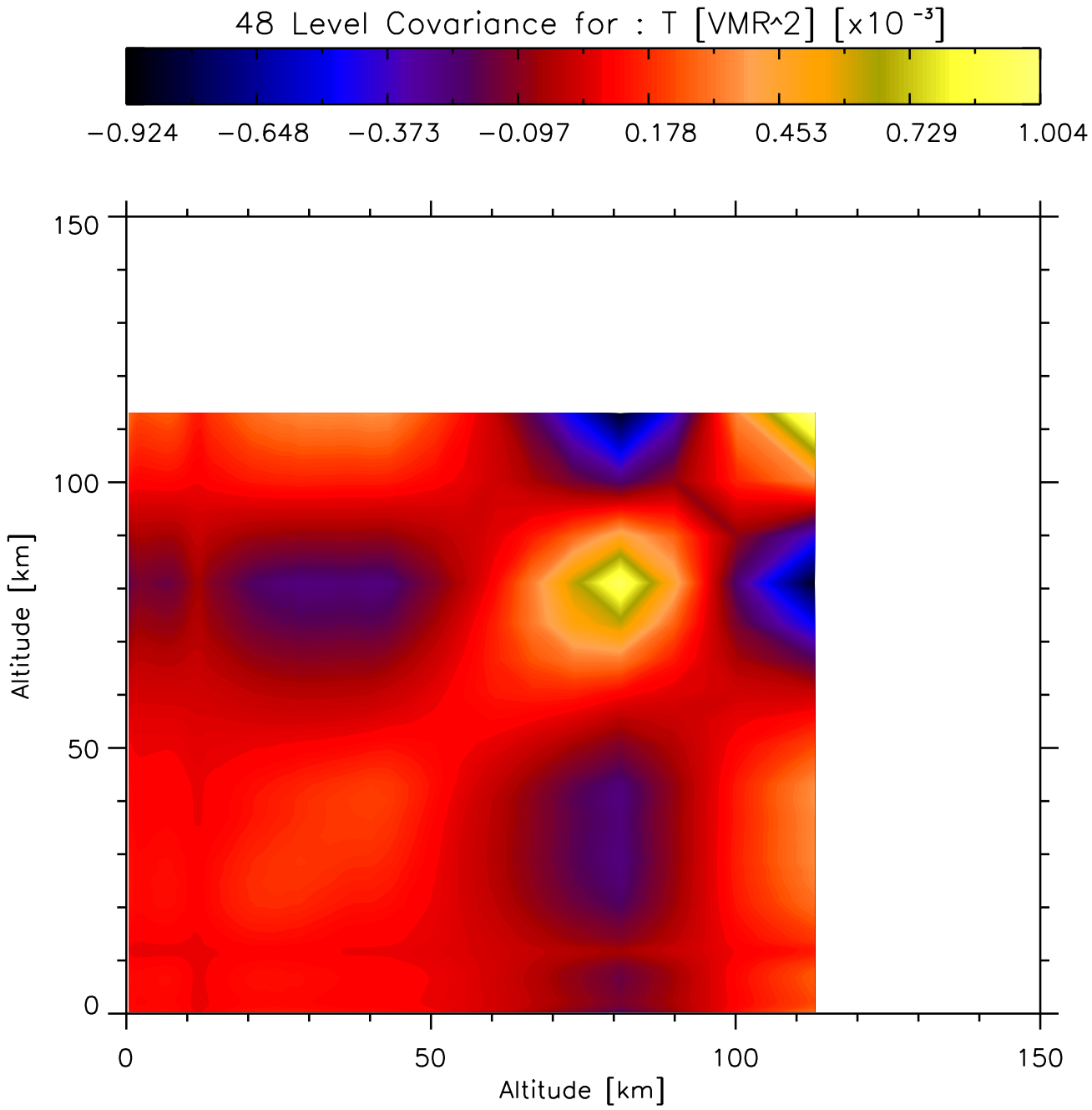

Initial & Interpolated profiles by month for : 2020
Sodankyla 67.3N 27.5E
Altitude
120
100
80
60
40
20
0
100
1000
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan


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
2
4
6
8
10
12
14
16
%


49 Layer Covariance for : T [VMR^2] [x10 -3]
−0.886
−0.615
−0.345
−0.074
0.197
0.467
0.738
1.009
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


49 Layer Covariance for : T [VMR^2] [x10^-3]
-1.0
-0.5
0.0
0.5
1.0
1.5
Y Altitude
0
50
100
150
X Altitude
0
50
100
150


48 Level Covariance for : T [VMR^2] [x10 -3]
−0.924
−0.648
−0.373
−0.097
0.178
0.453
0.729
1.004
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]

48 Level Covariance for : T [VMR^2] [x10^-3]
0.5
0
-0.5
-1
-1.5
Y Altitude
0
50
100
150
X Altitude
0
50
100
150