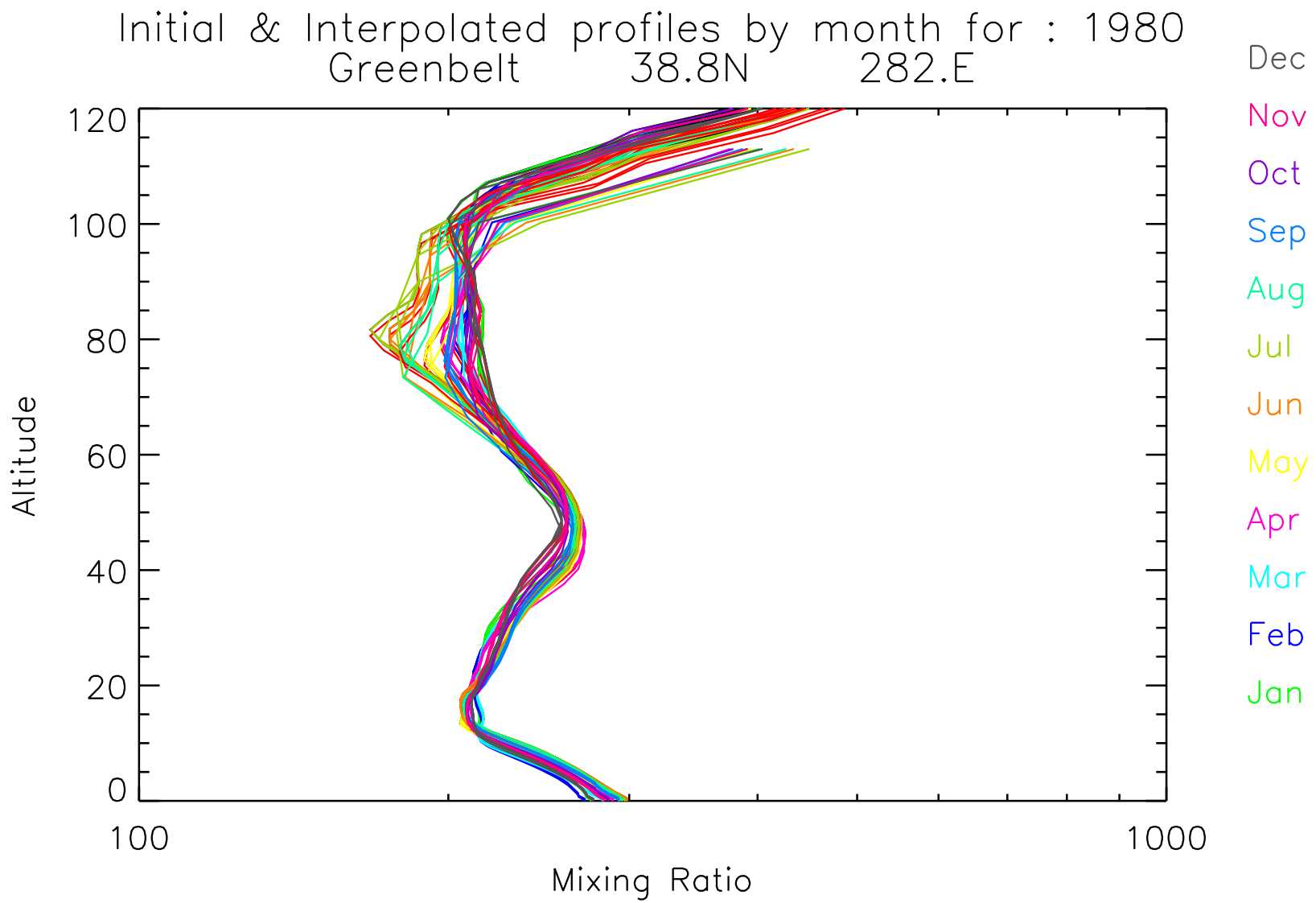
Initial & Interpolated profiles by month for : 1980
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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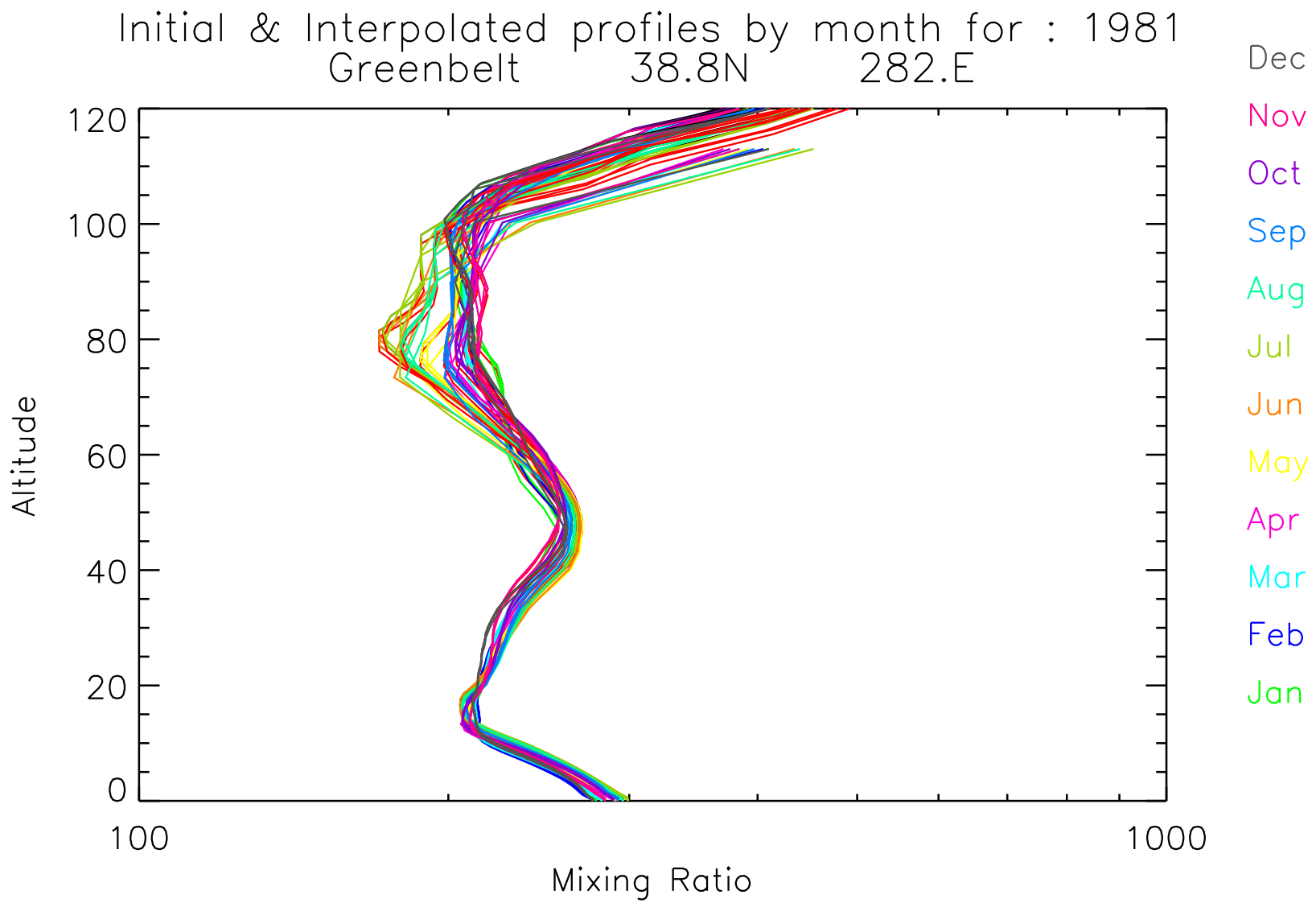
Initial & Interpolated profiles by month for : 1981
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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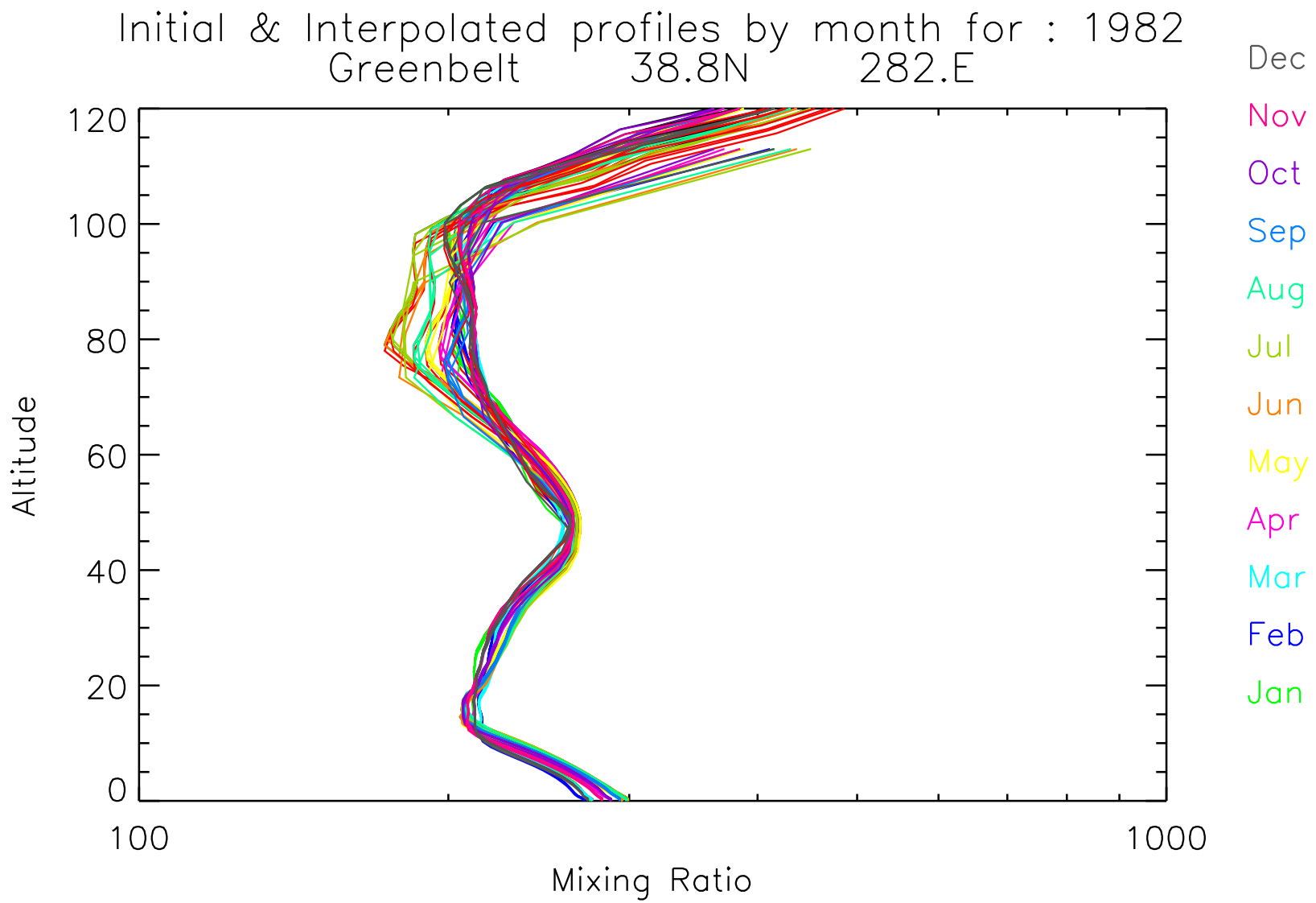
Initial & Interpolated profiles by month for : 1982
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Altitude
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Mixing Ratio
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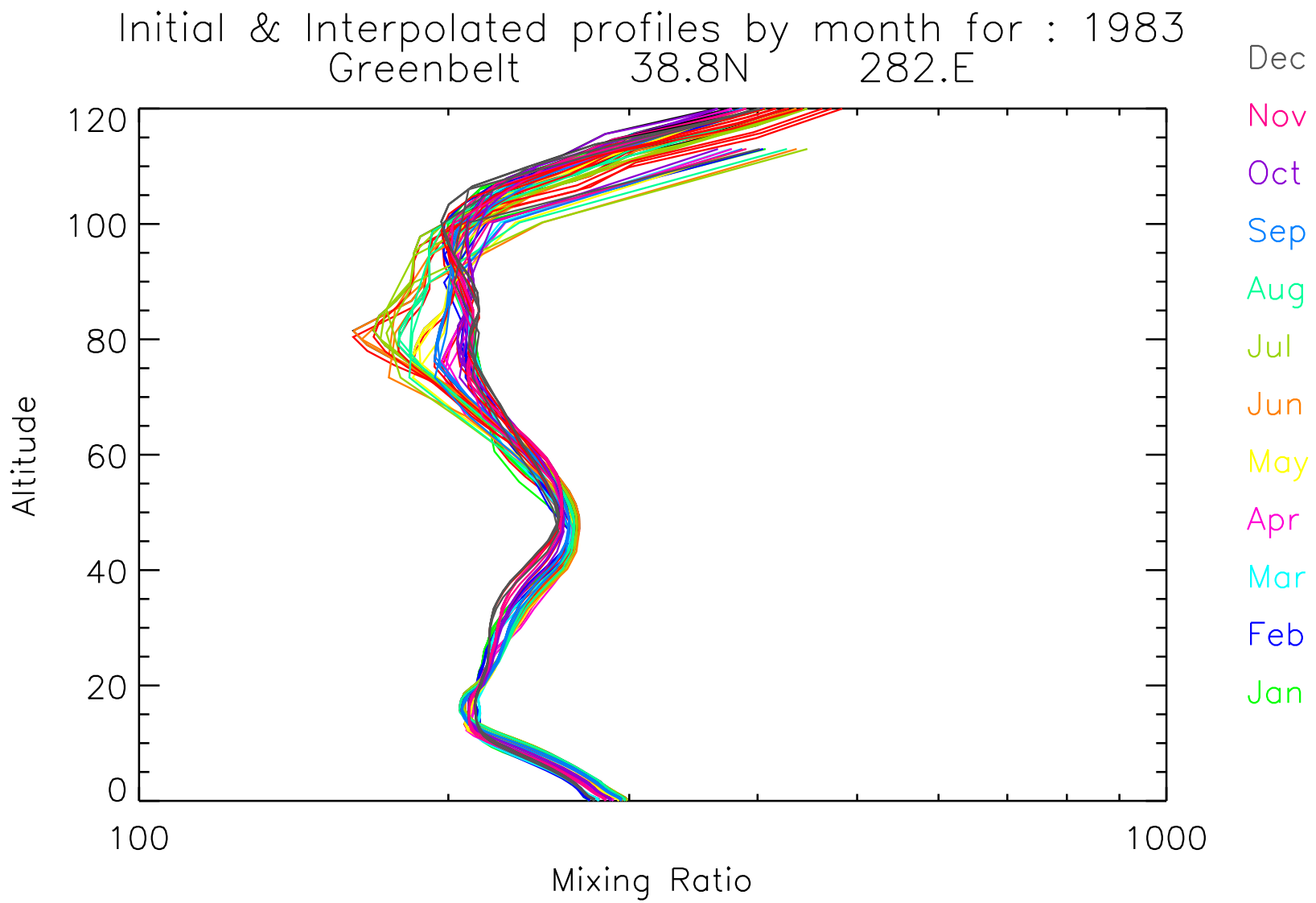
Initial & Interpolated profiles by month for : 1983
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Altitude
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Mixing Ratio
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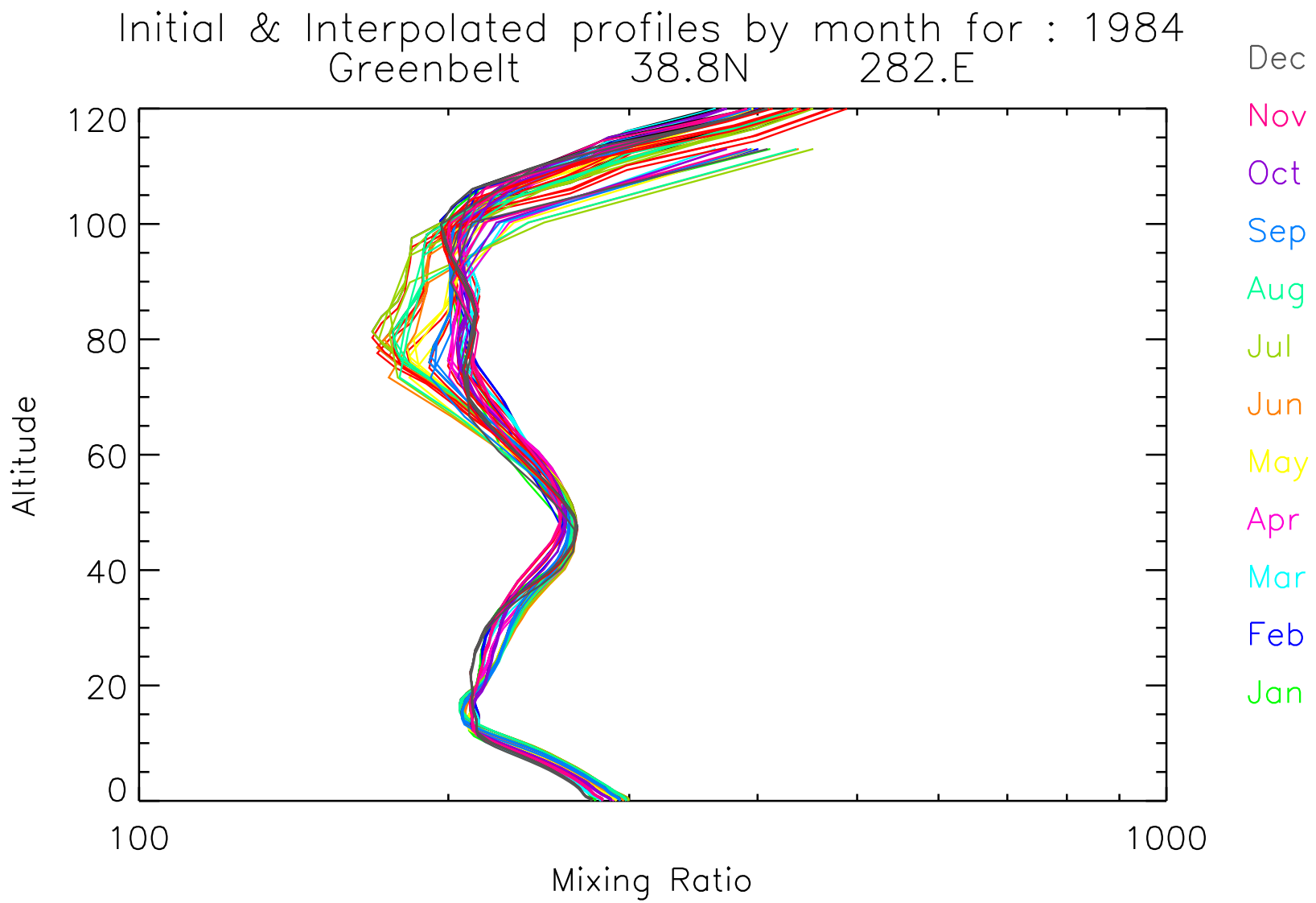
Initial & Interpolated profiles by month for : 1984
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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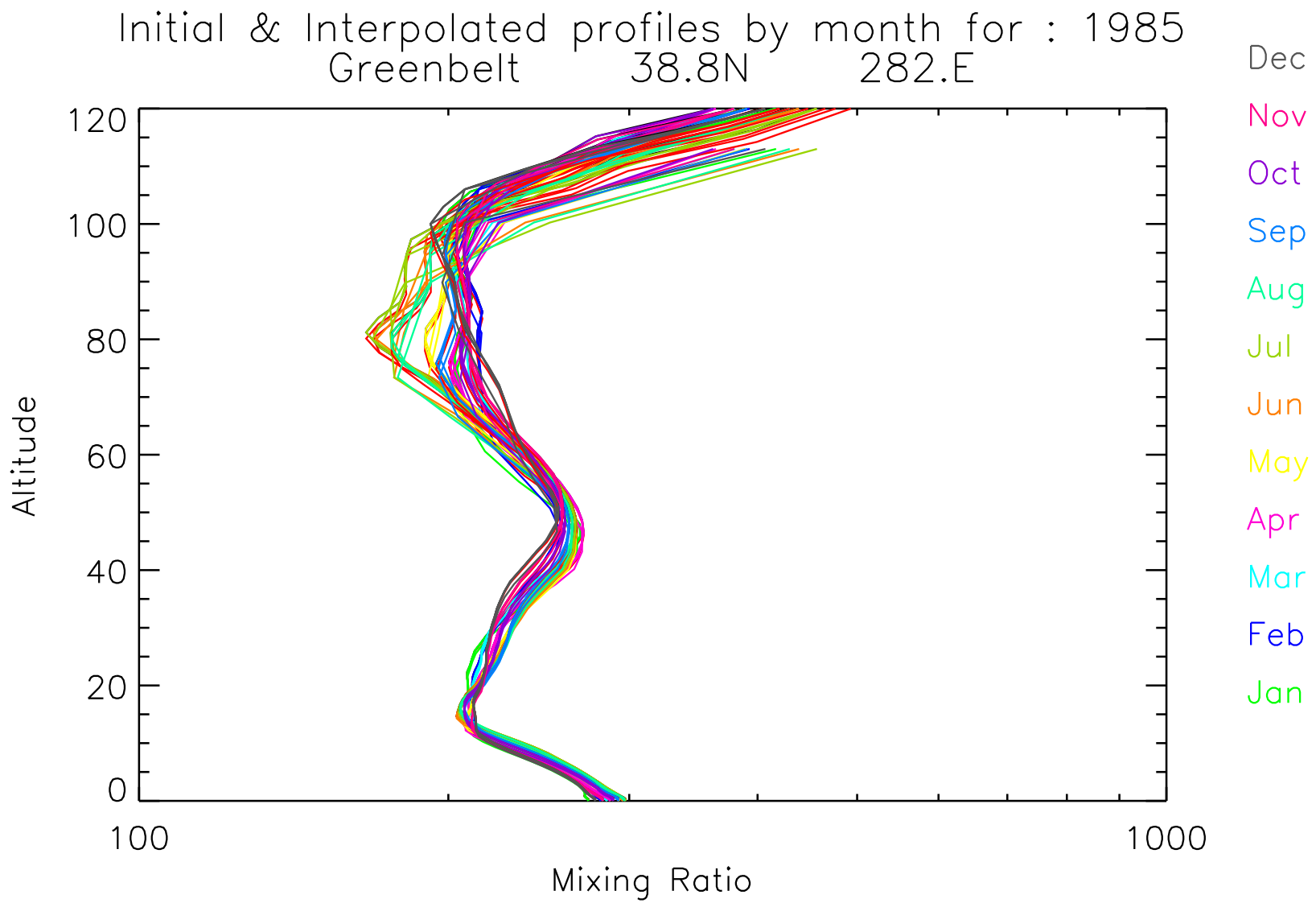
Initial & Interpolated profiles by month for : 1985
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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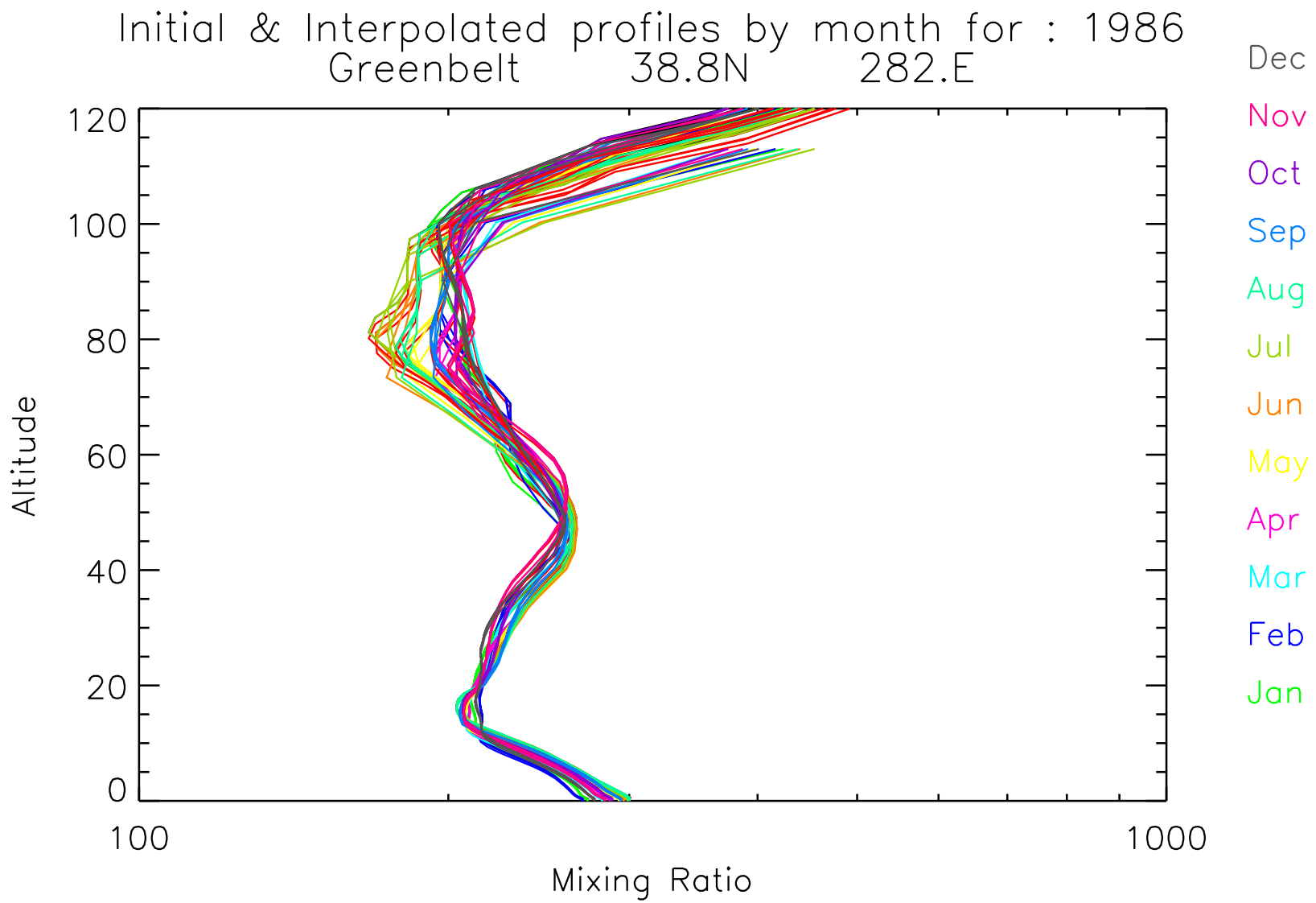
Initial & Interpolated profiles by month for : 1986
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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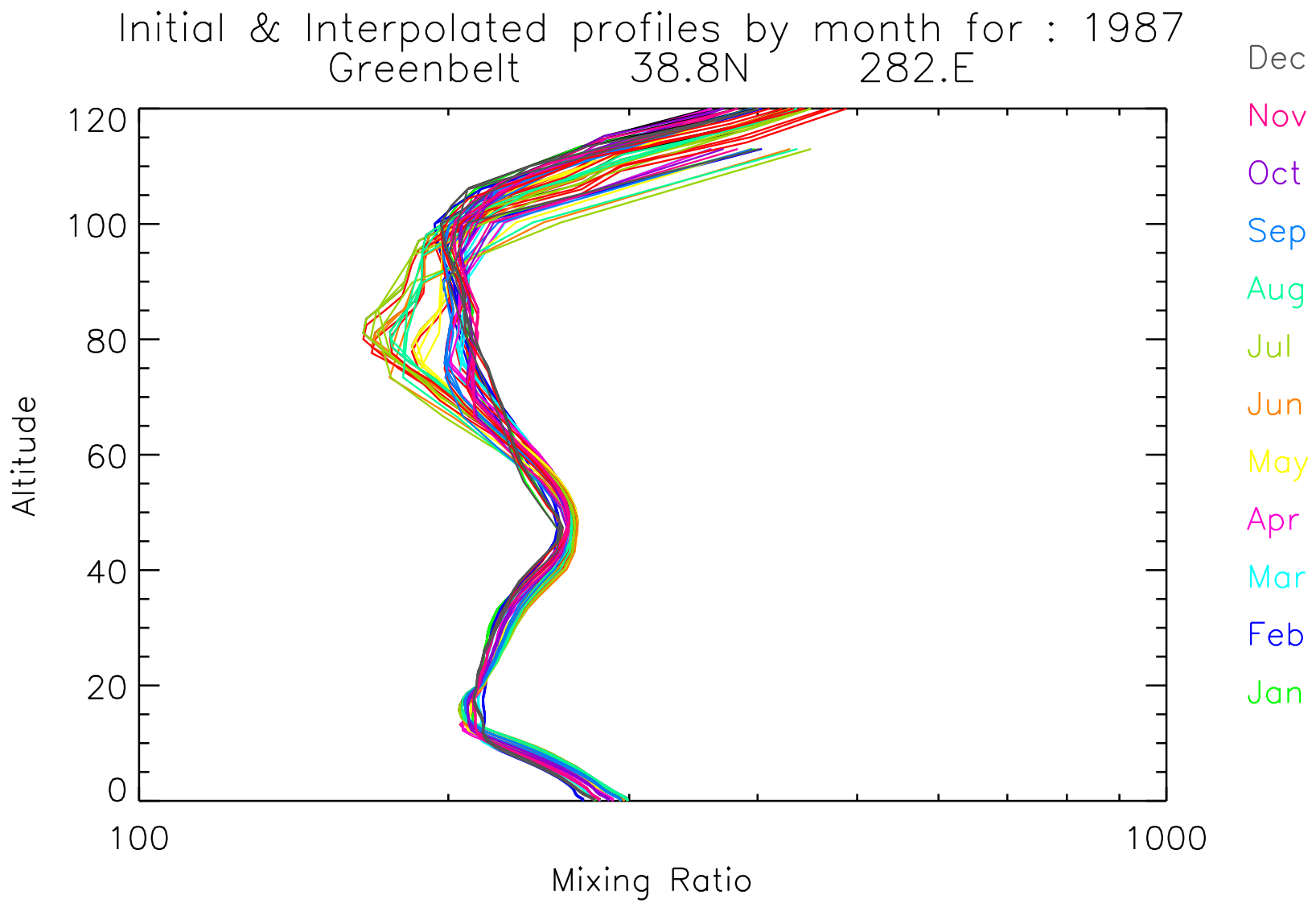
Initial & Interpolated profiles by month for : 1987
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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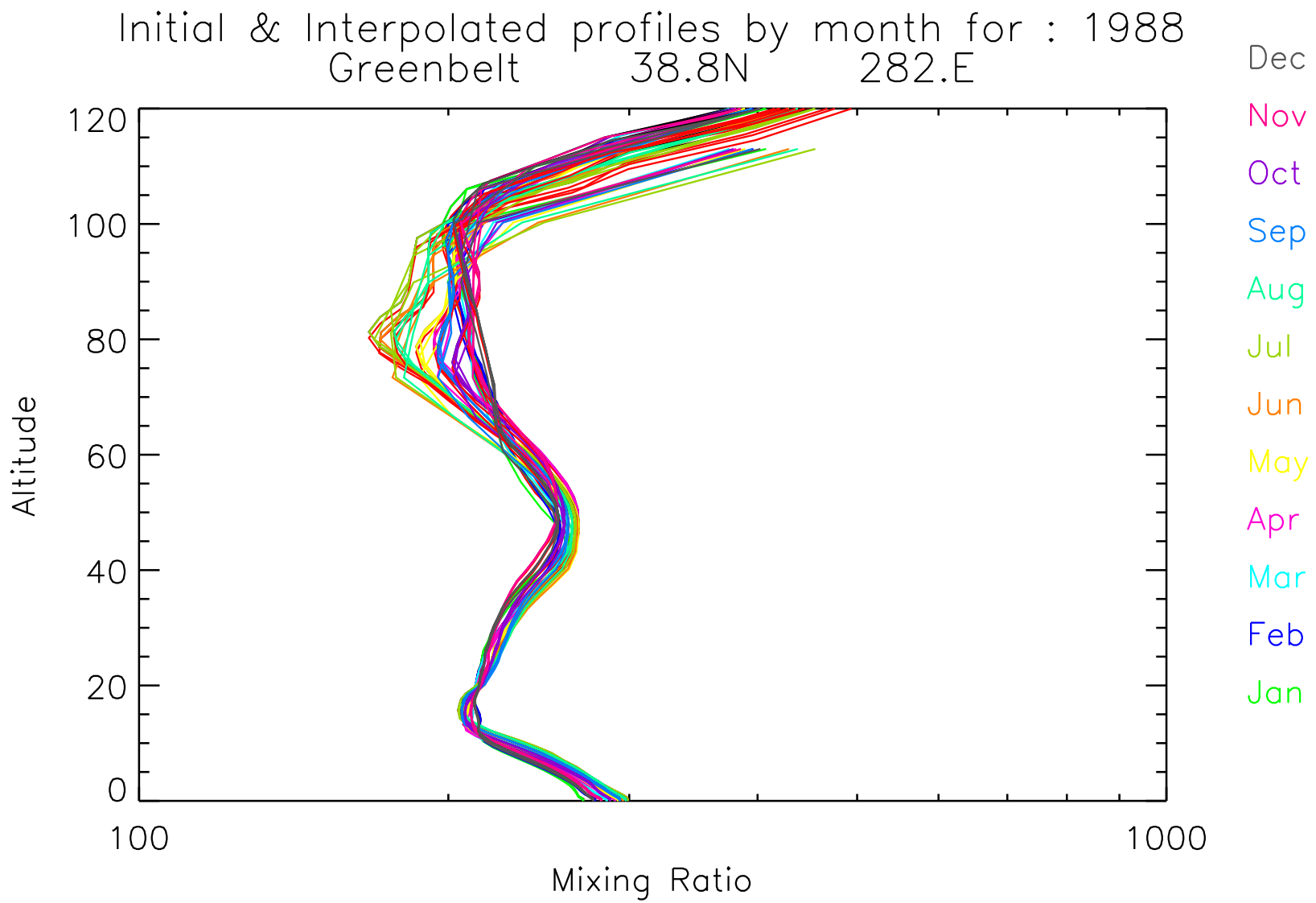
Initial & Interpolated profiles by month for : 1988
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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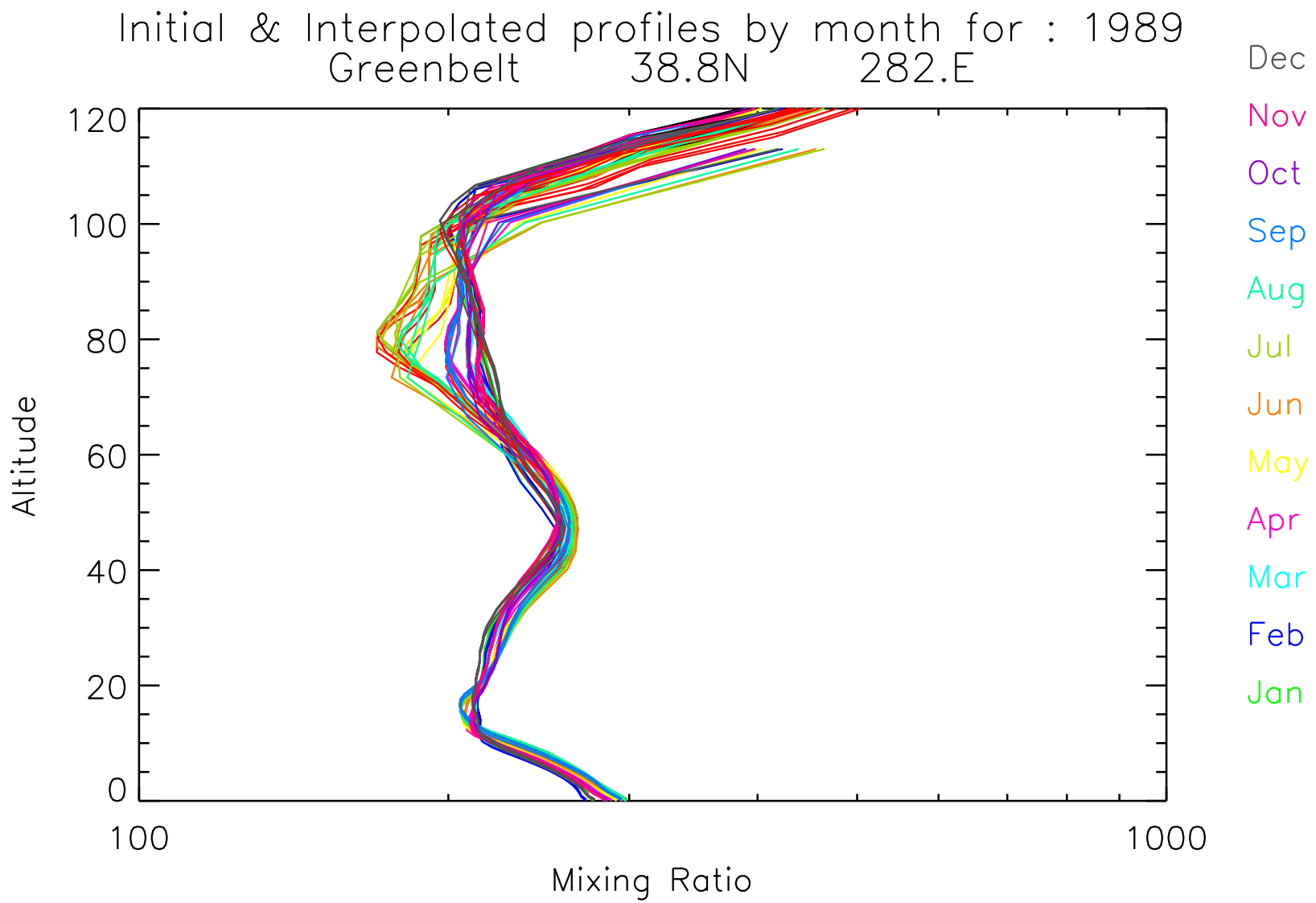
Initial & Interpolated profiles by month for : 1989
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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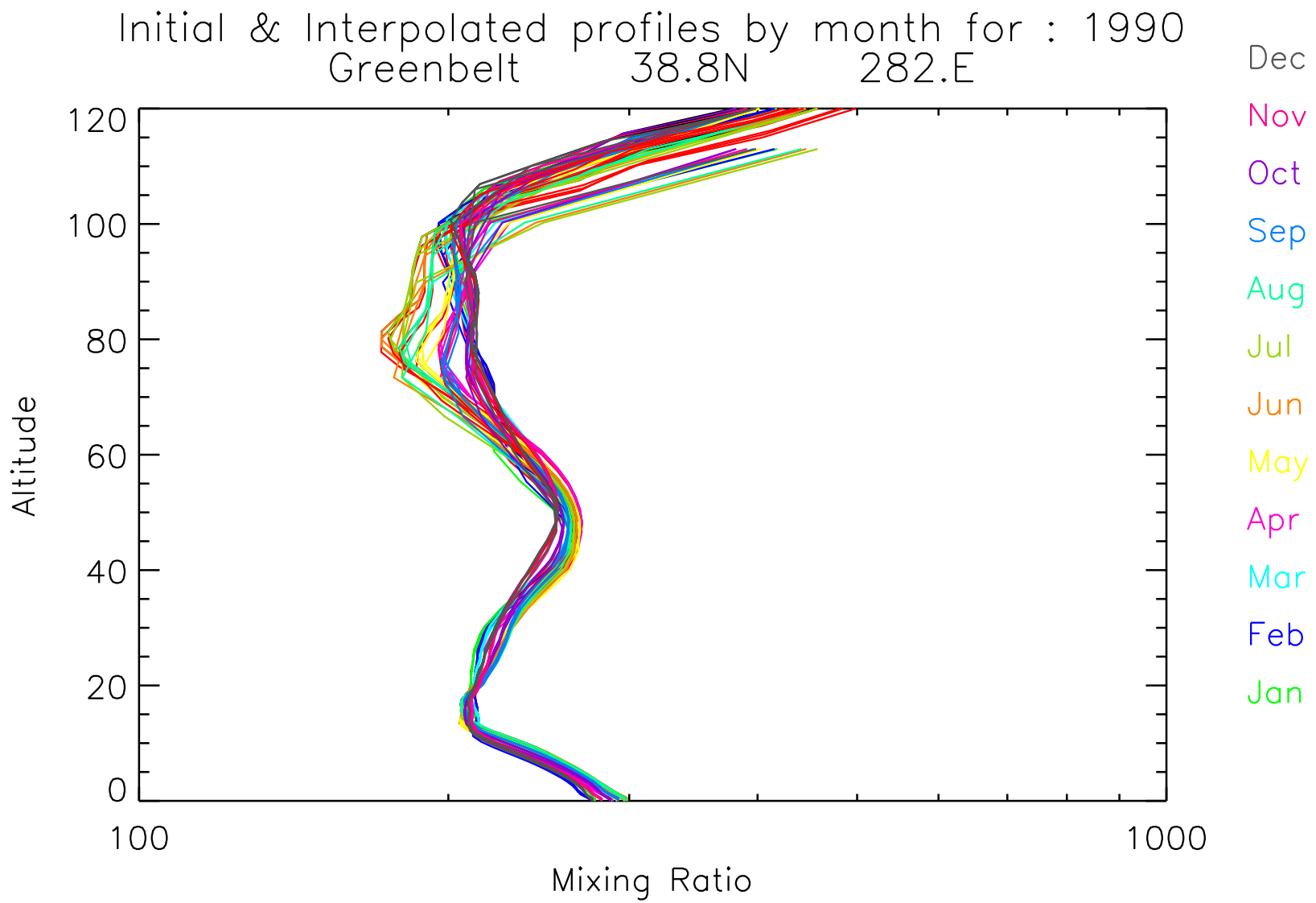
Initial & Interpolated profiles by month for : 1990
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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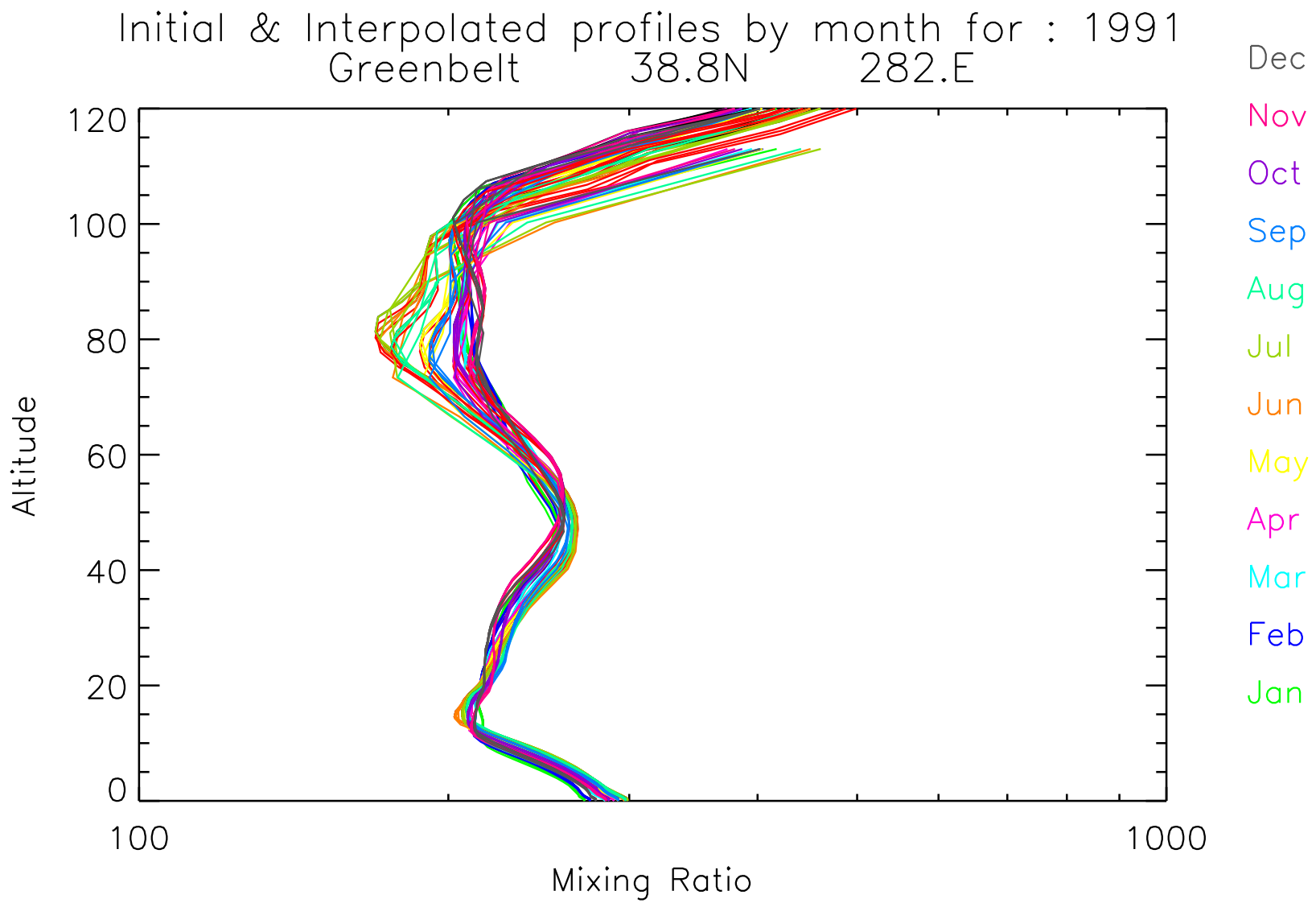
Initial & Interpolated profiles by month for : 1991
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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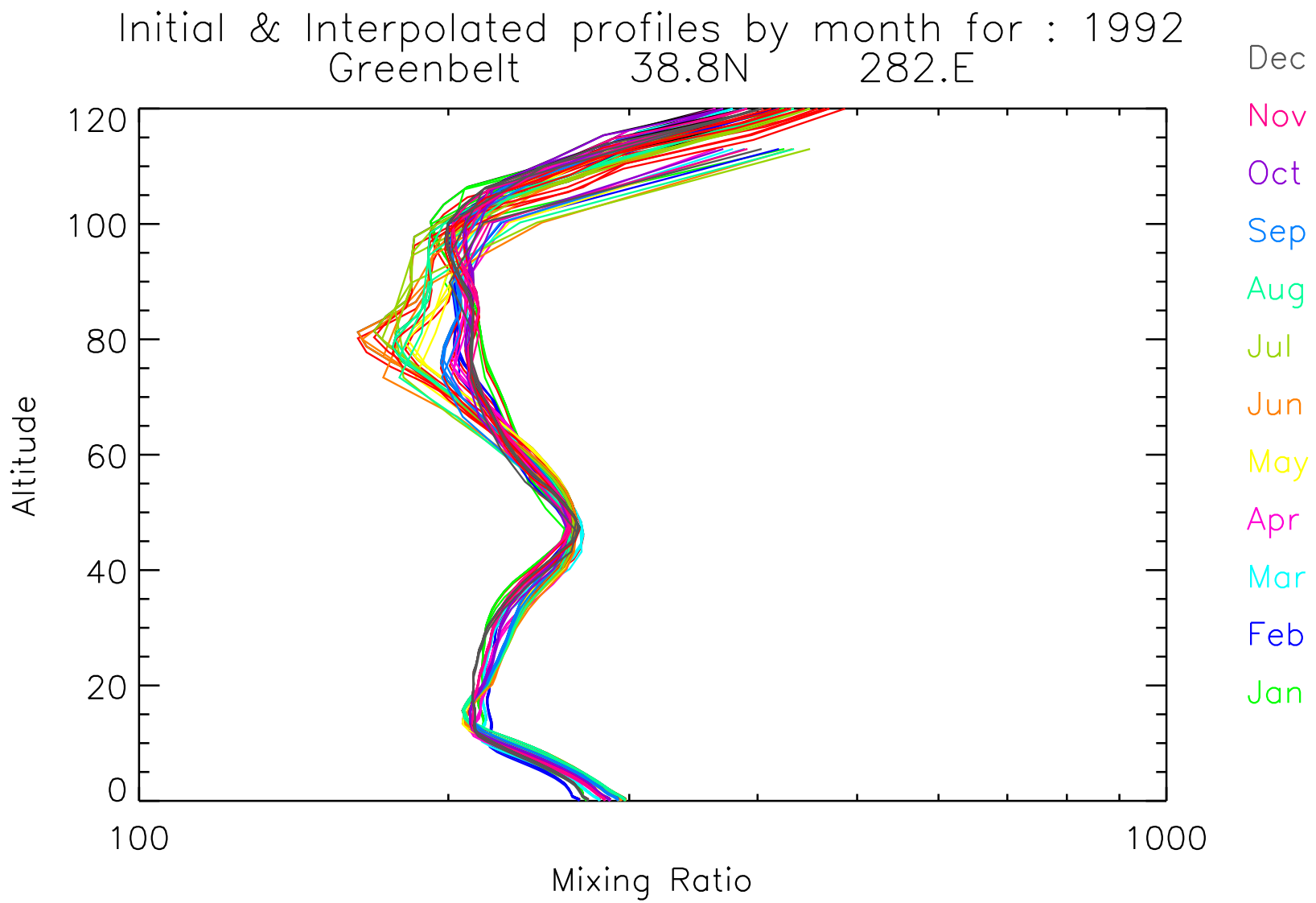
Initial & Interpolated profiles by month for : 1992
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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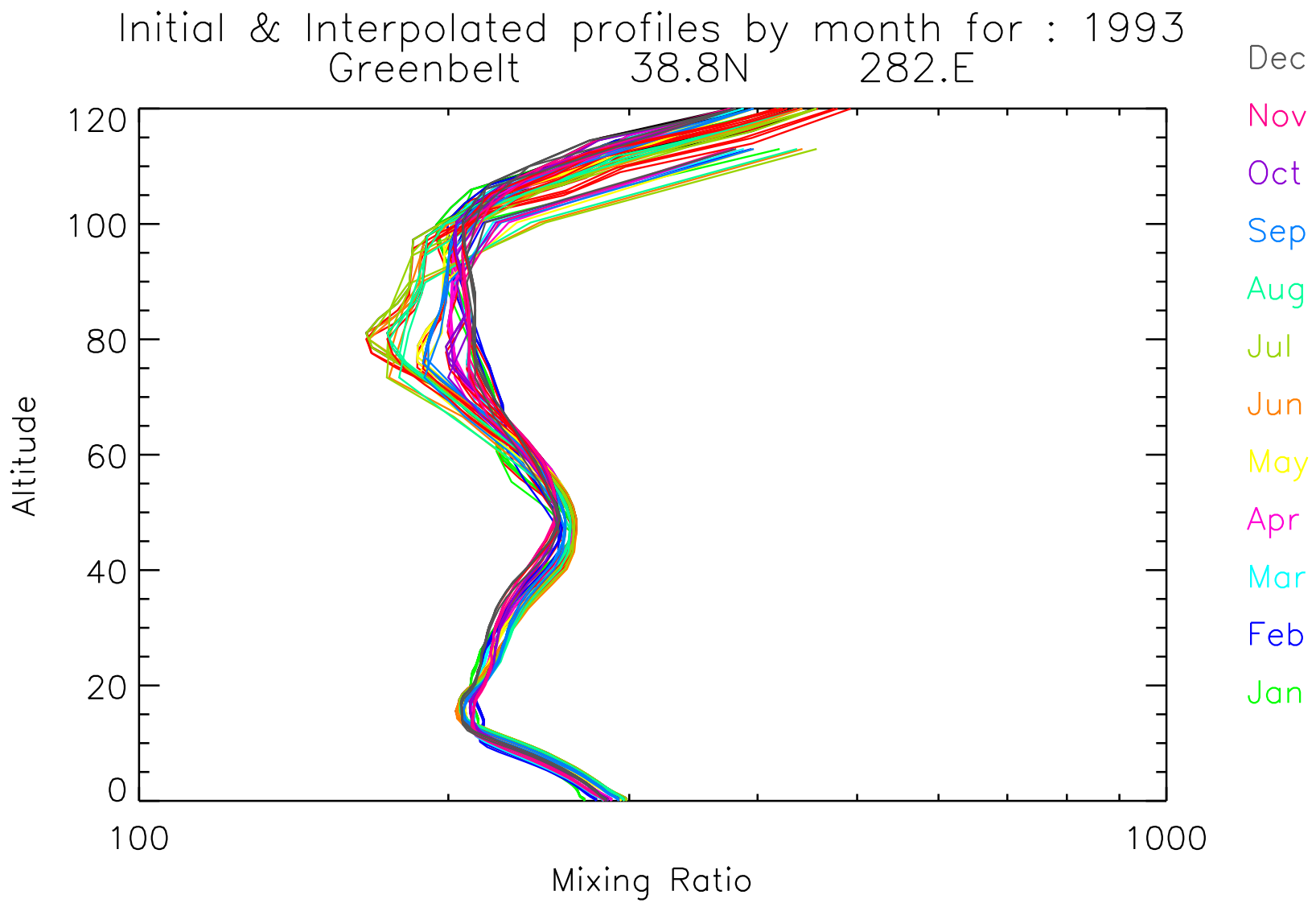
Initial & Interpolated profiles by month for : 1993
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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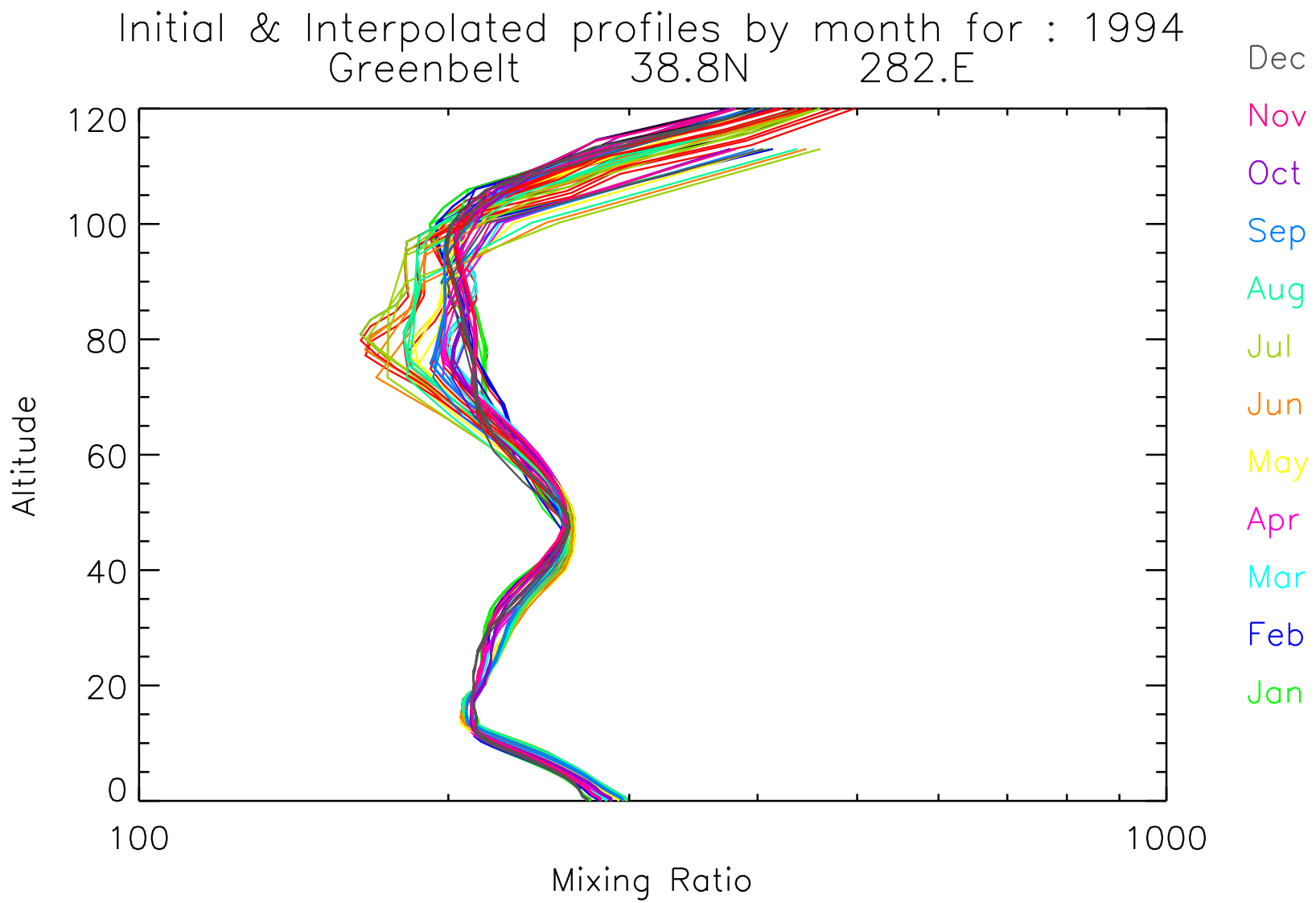
Initial & Interpolated profiles by month for : 1994
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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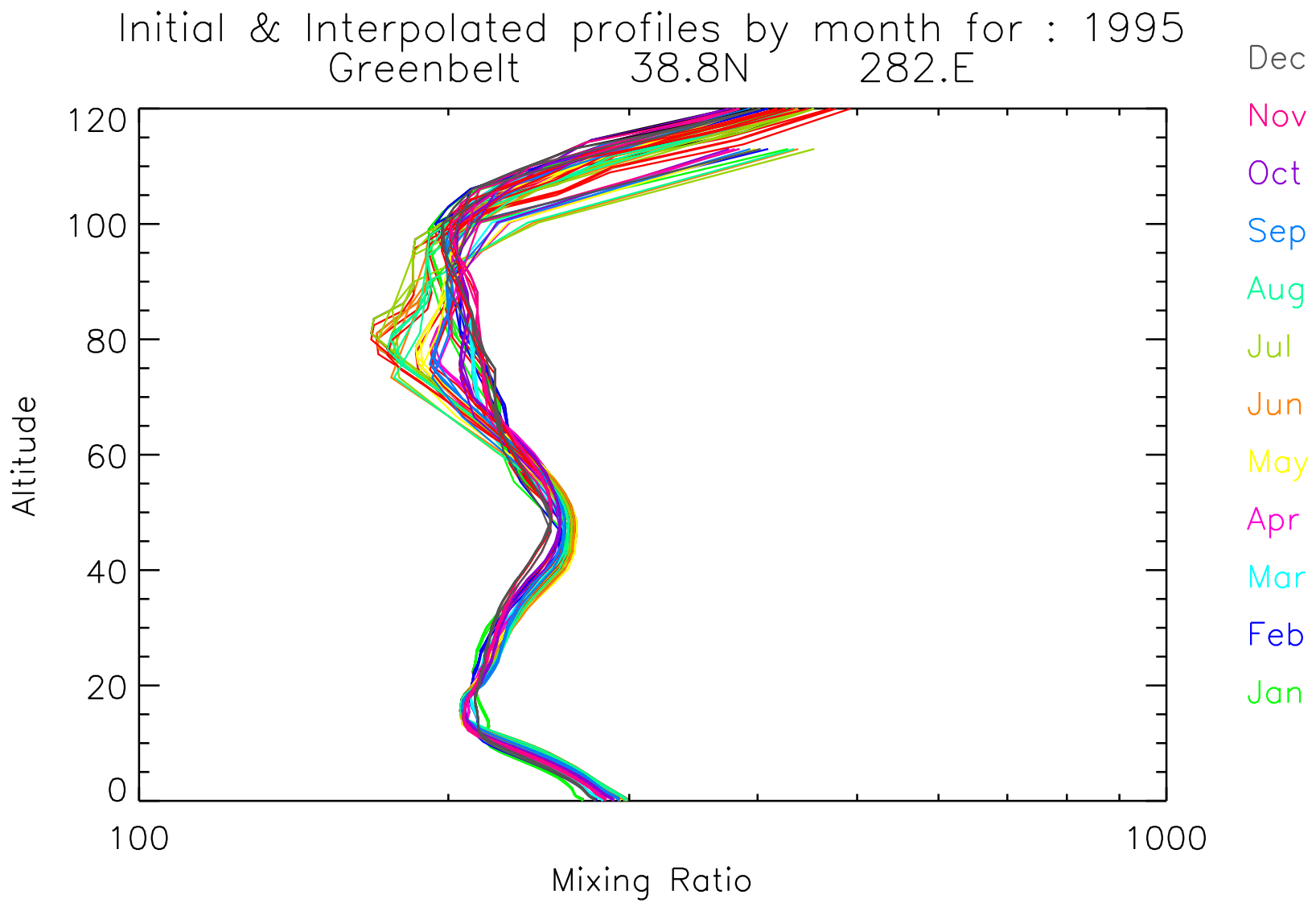
Initial & Interpolated profiles by month for : 1995
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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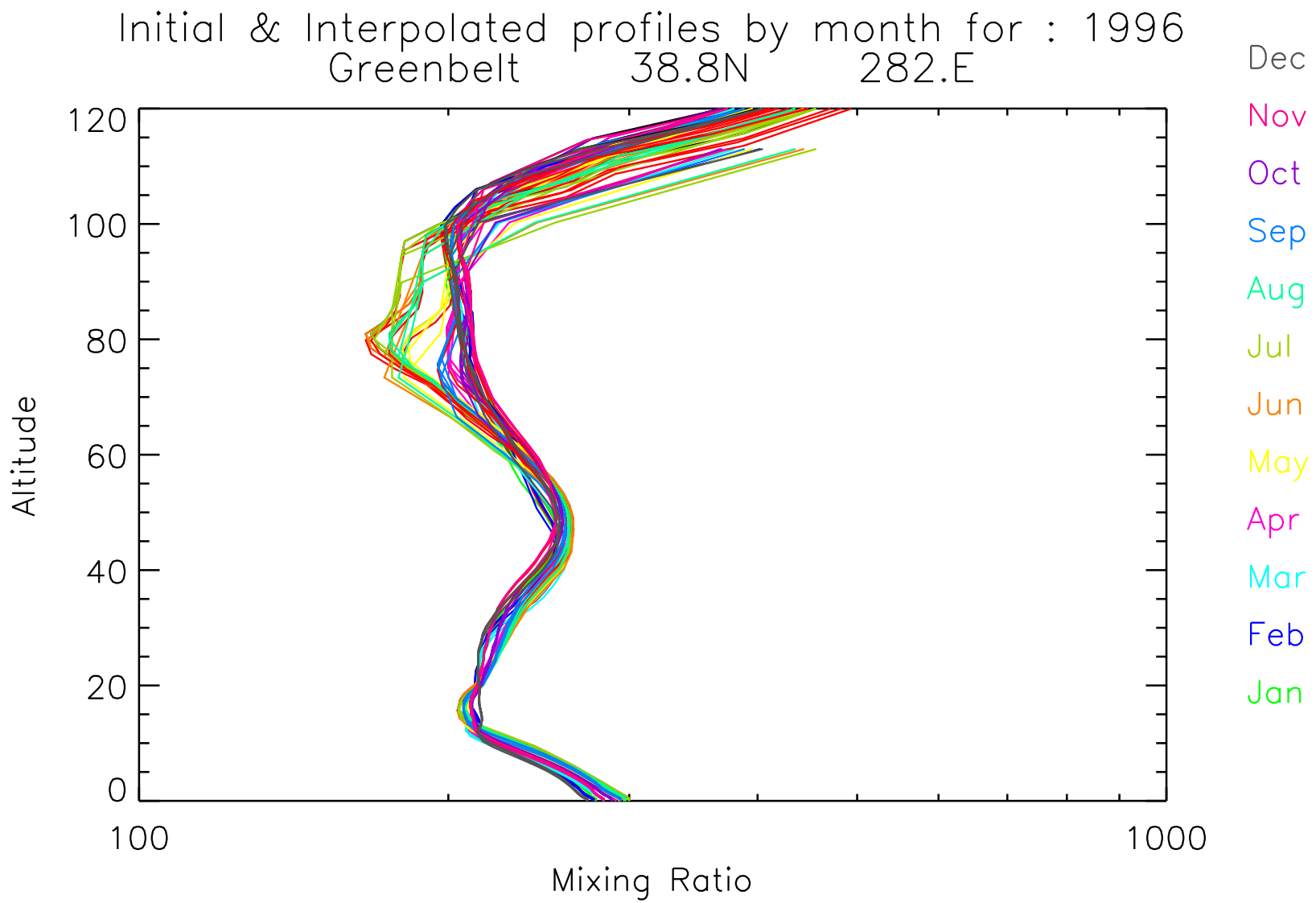
Initial & Interpolated profiles by month for : 1996
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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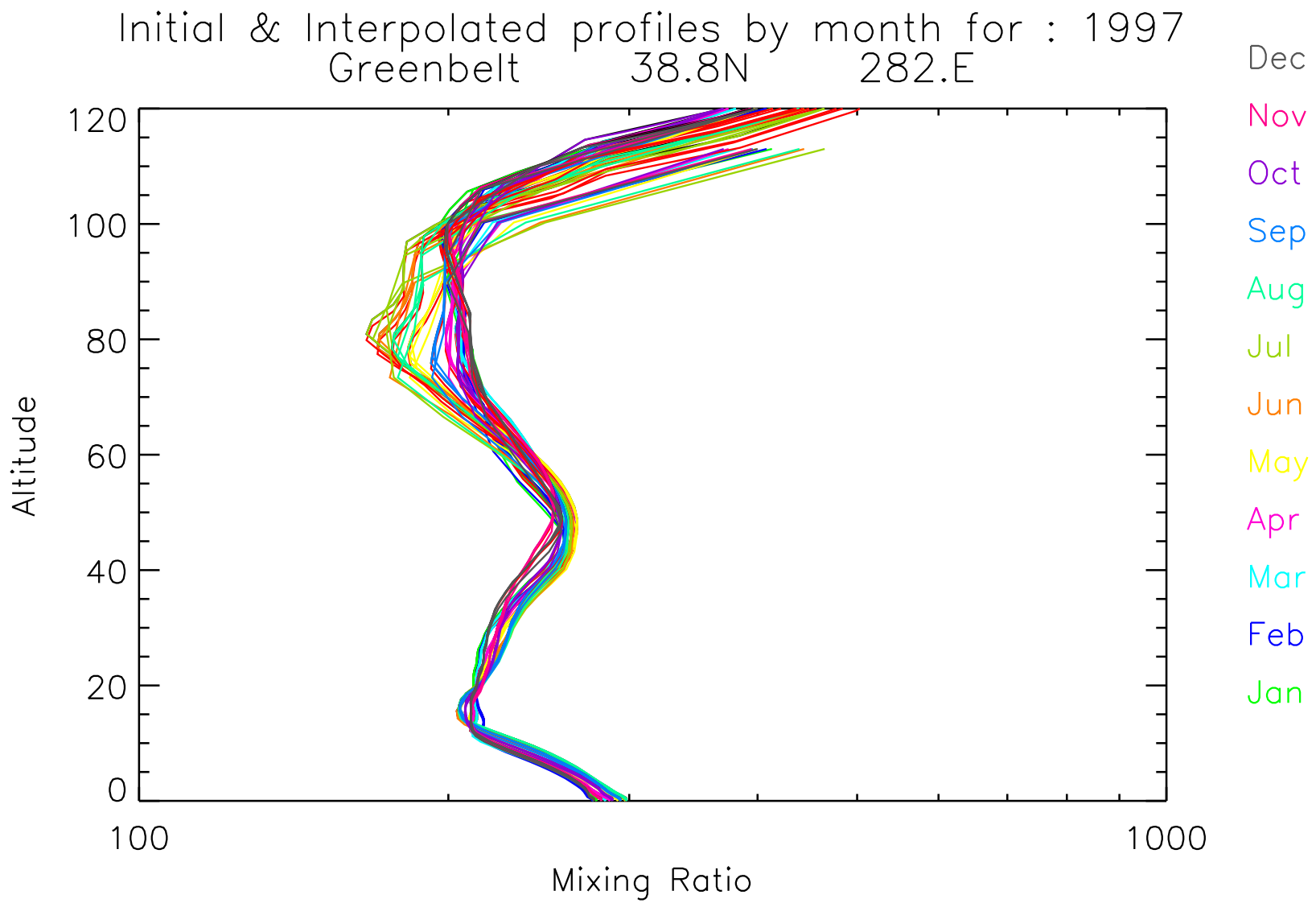
Initial & Interpolated profiles by month for : 1997
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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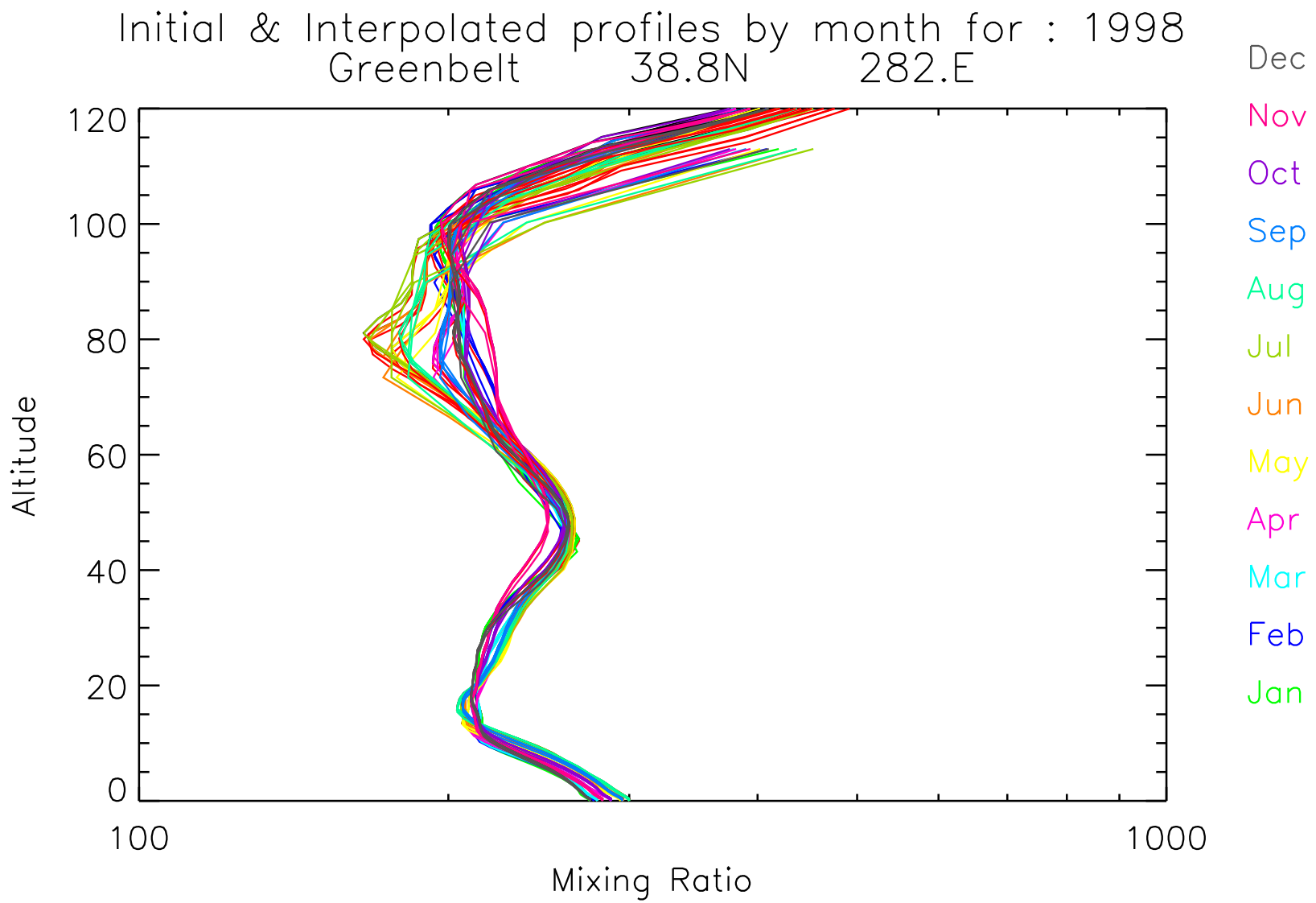
Initial & Interpolated profiles by month for : 1998
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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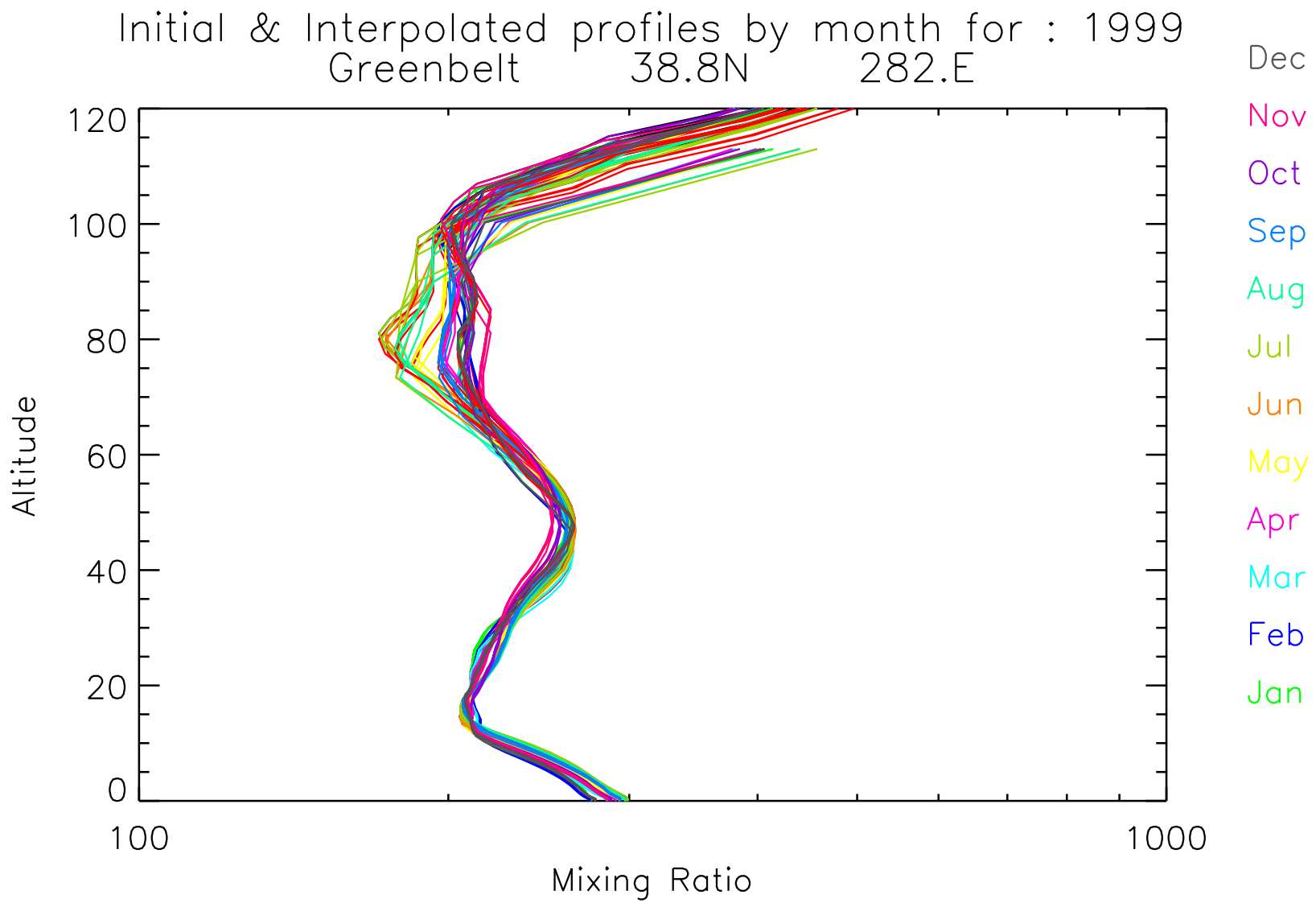
Initial & Interpolated profiles by month for : 1999
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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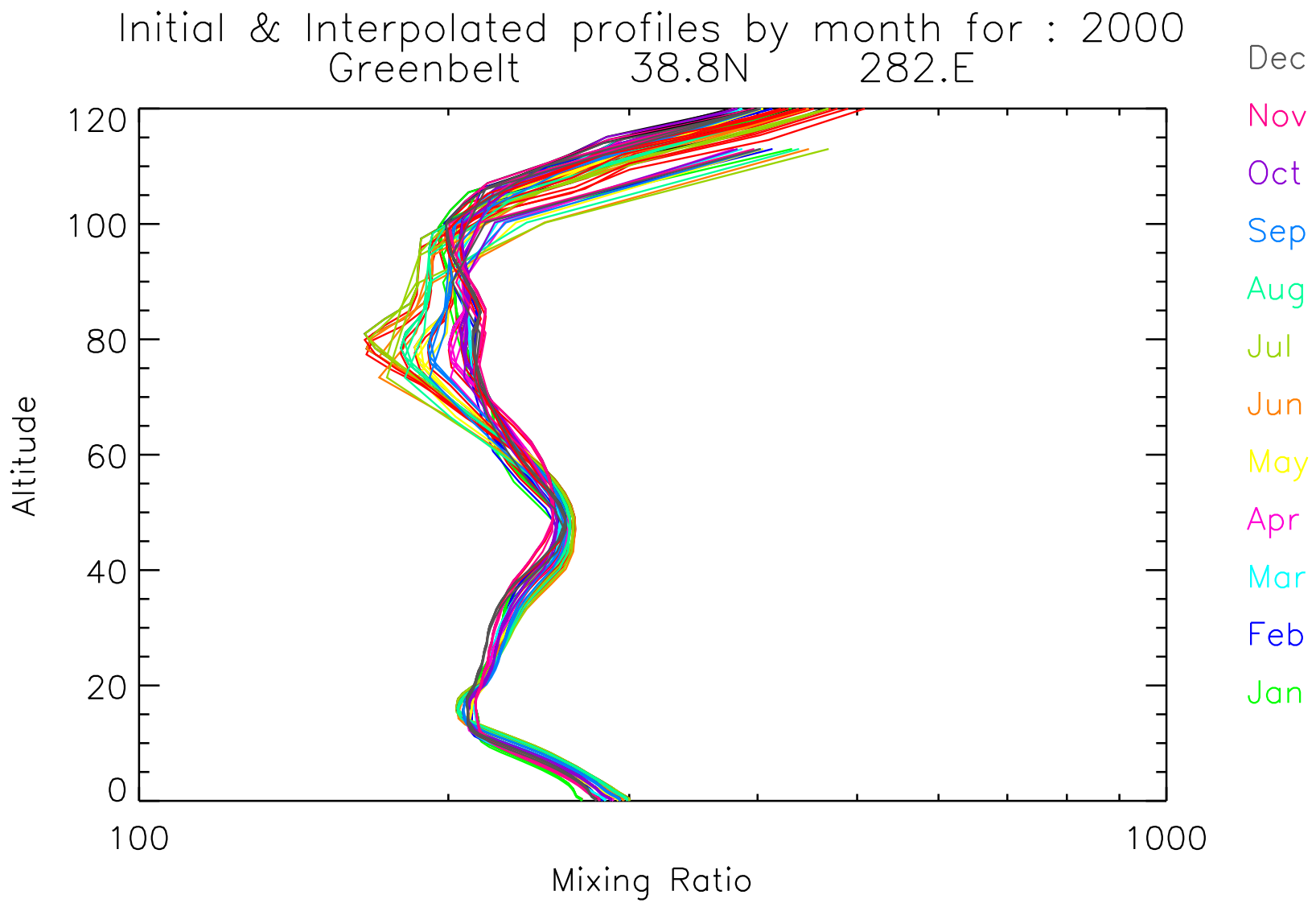
Initial & Interpolated profiles by month for : 2000
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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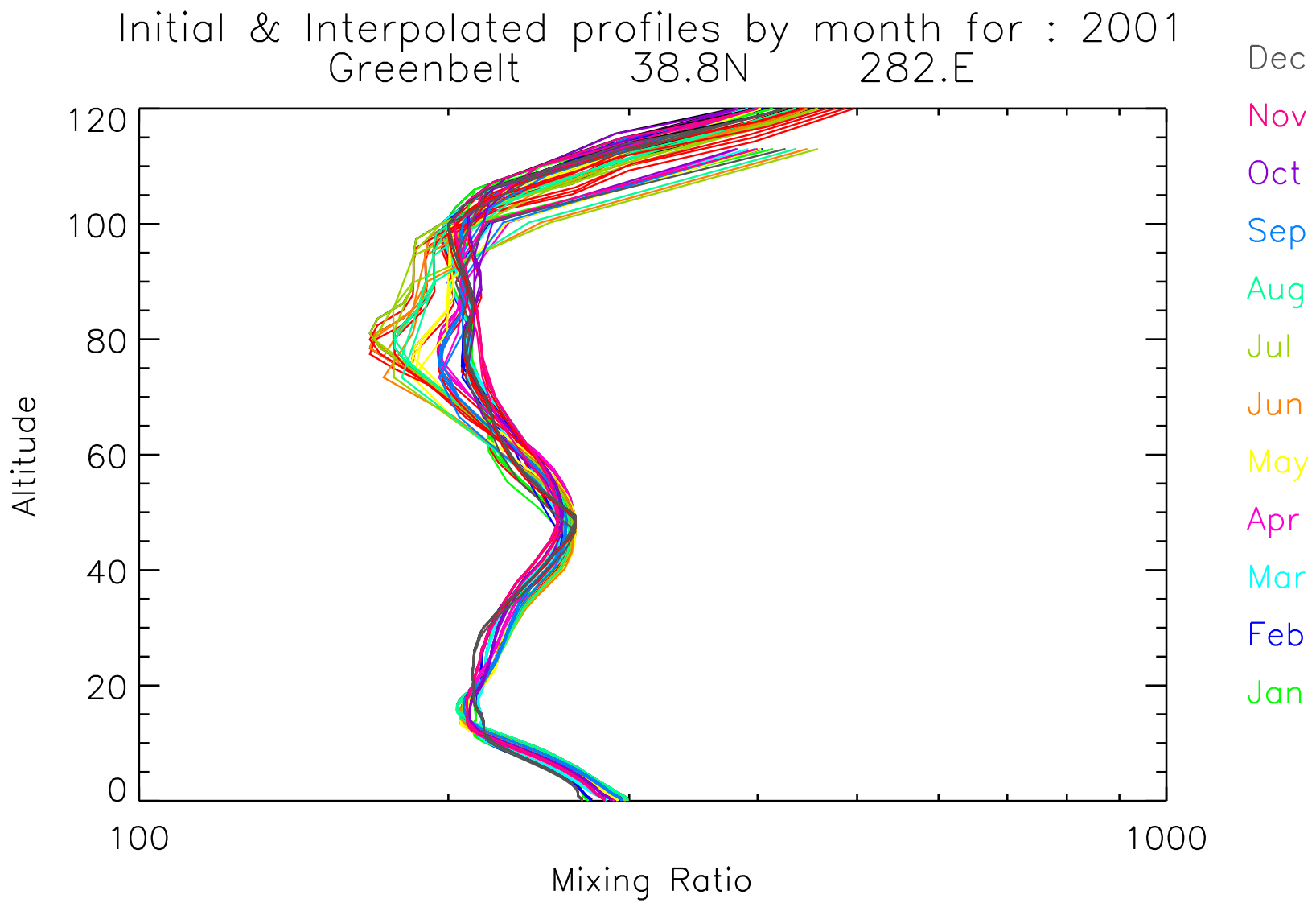
Initial & Interpolated profiles by month for : 2001
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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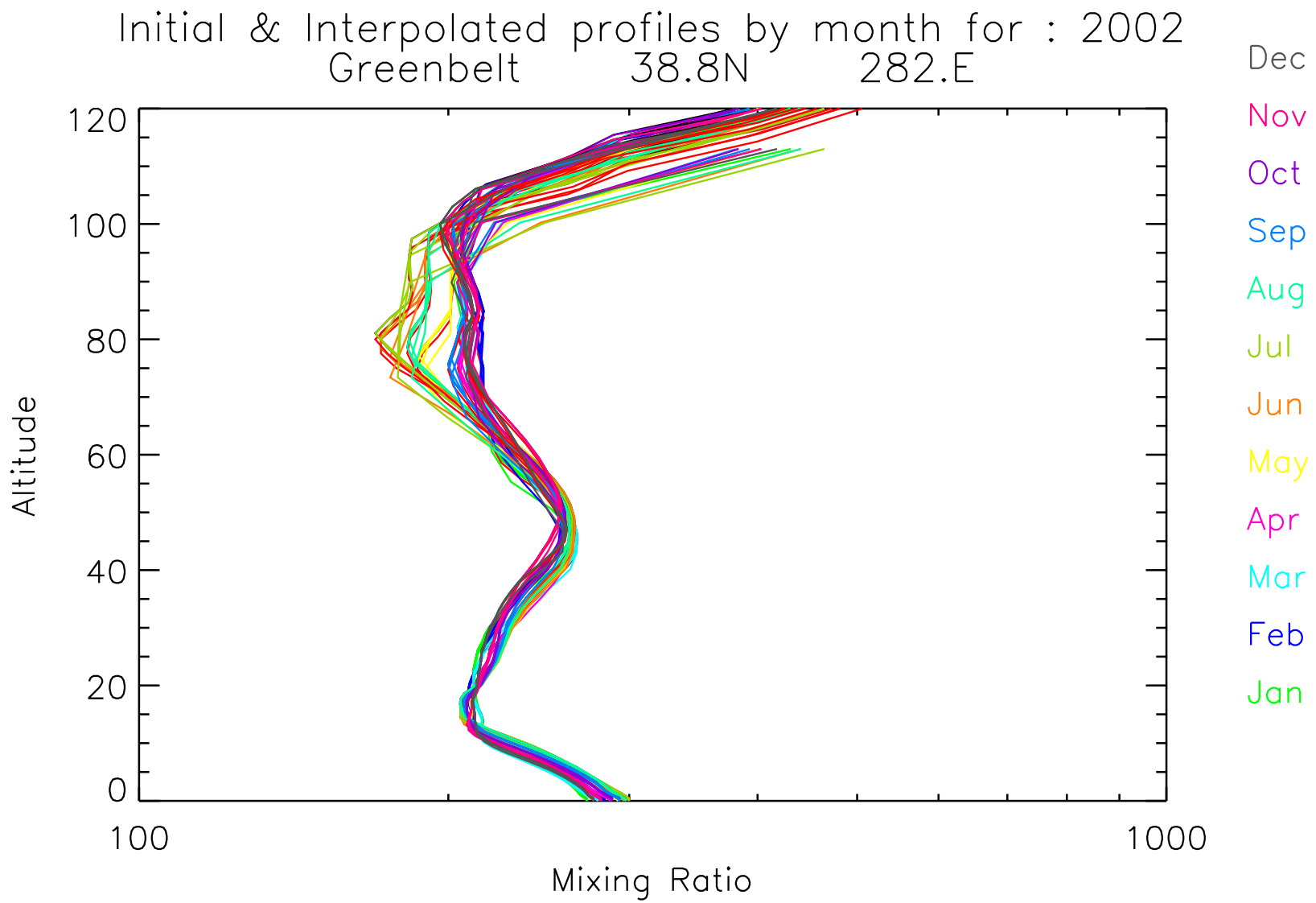
Initial & Interpolated profiles by month for : 2002
Greenbelt 38.8N 282.E
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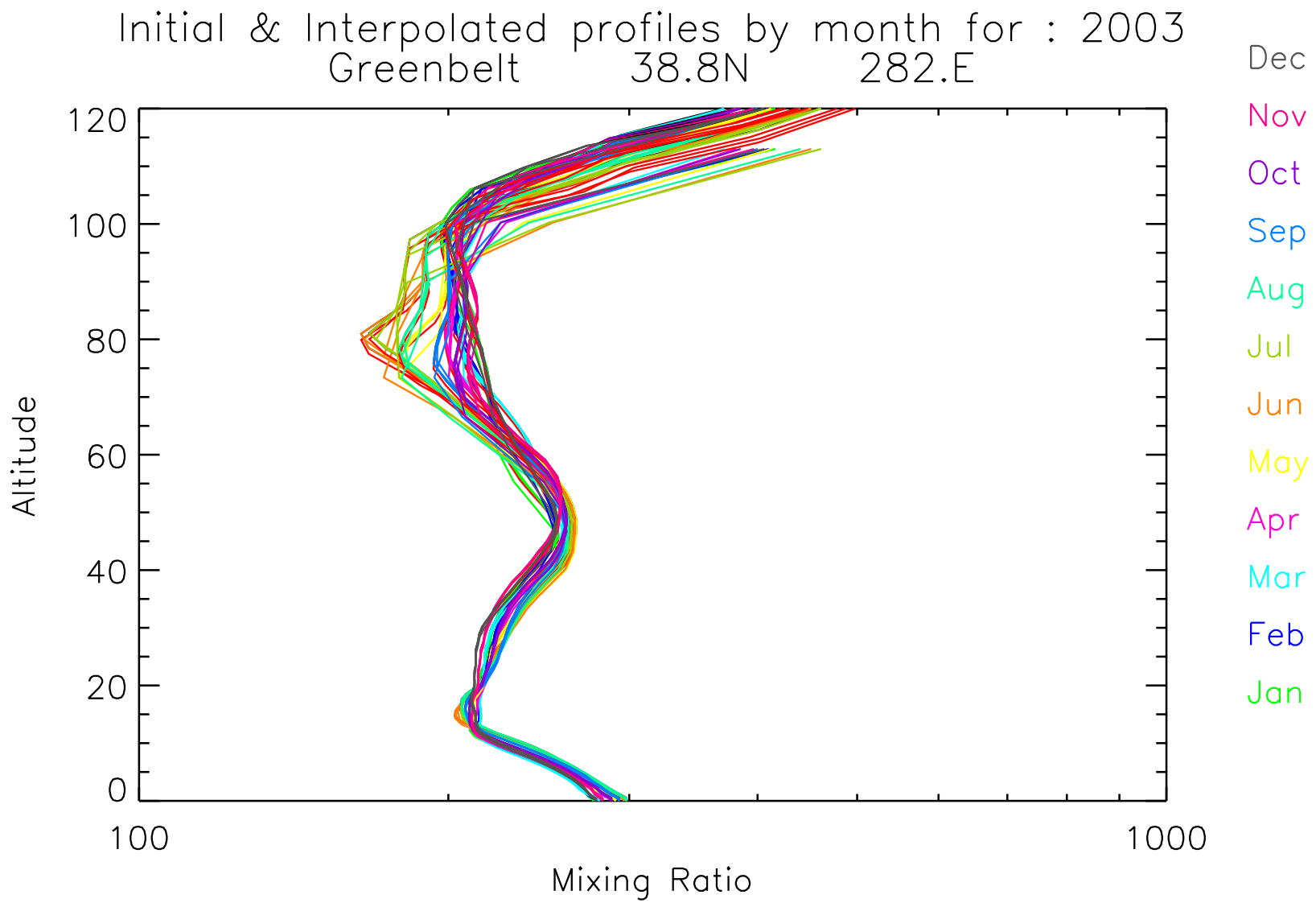
Mixing Ratio


Initial & Interpolated profiles by month for : 2003
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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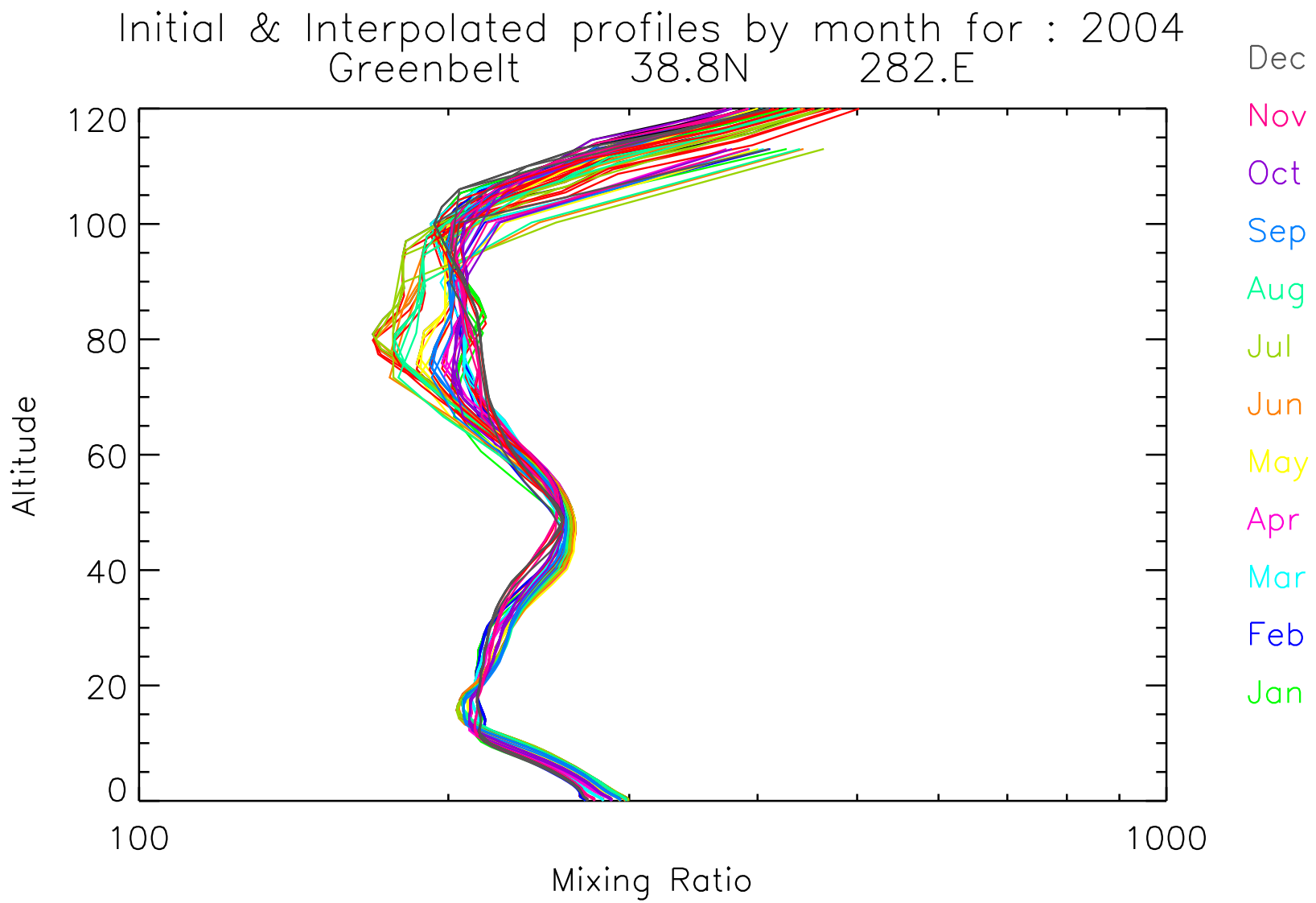
Initial & Interpolated profiles by month for : 2004
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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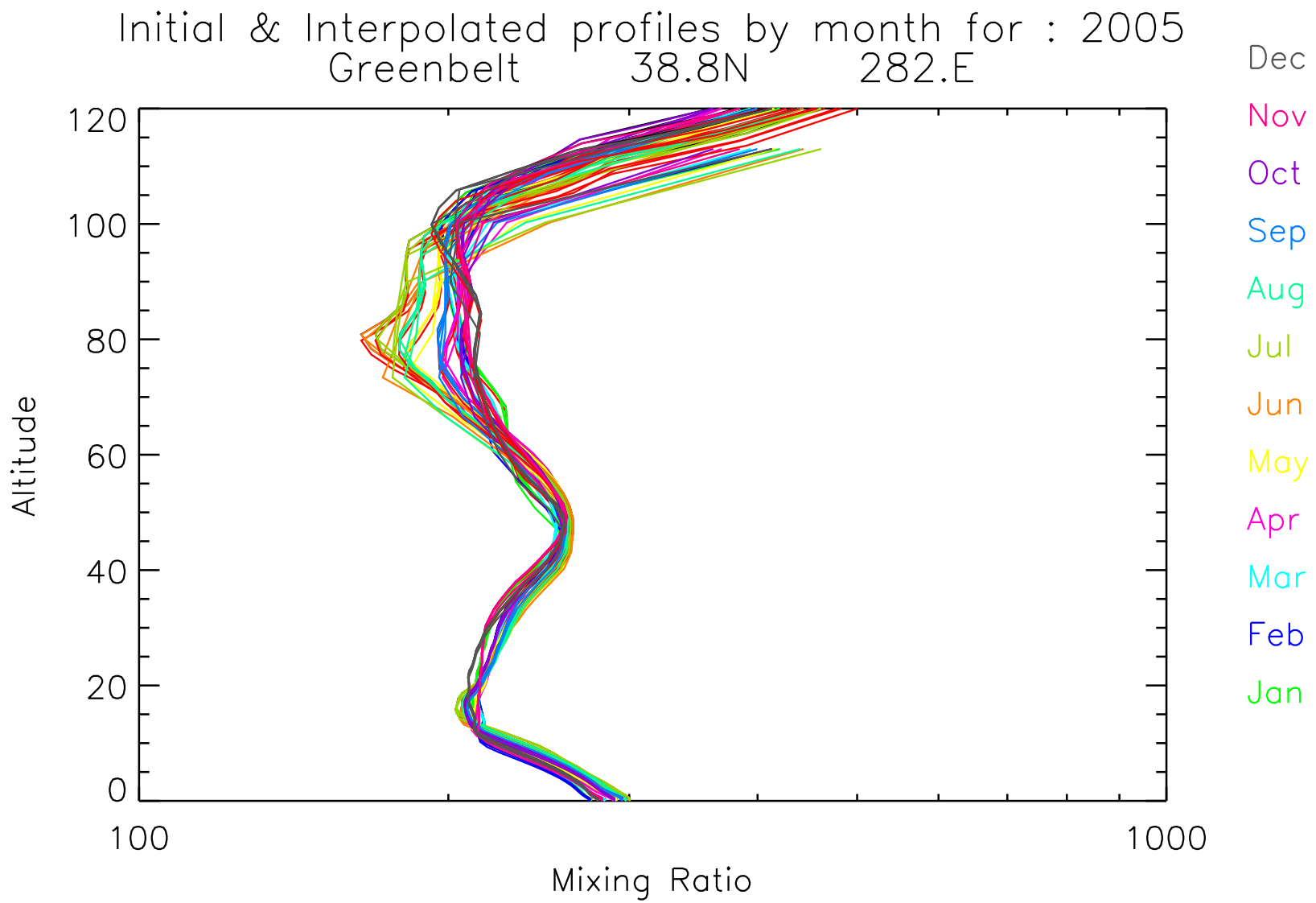
Initial & Interpolated profiles by month for : 2005
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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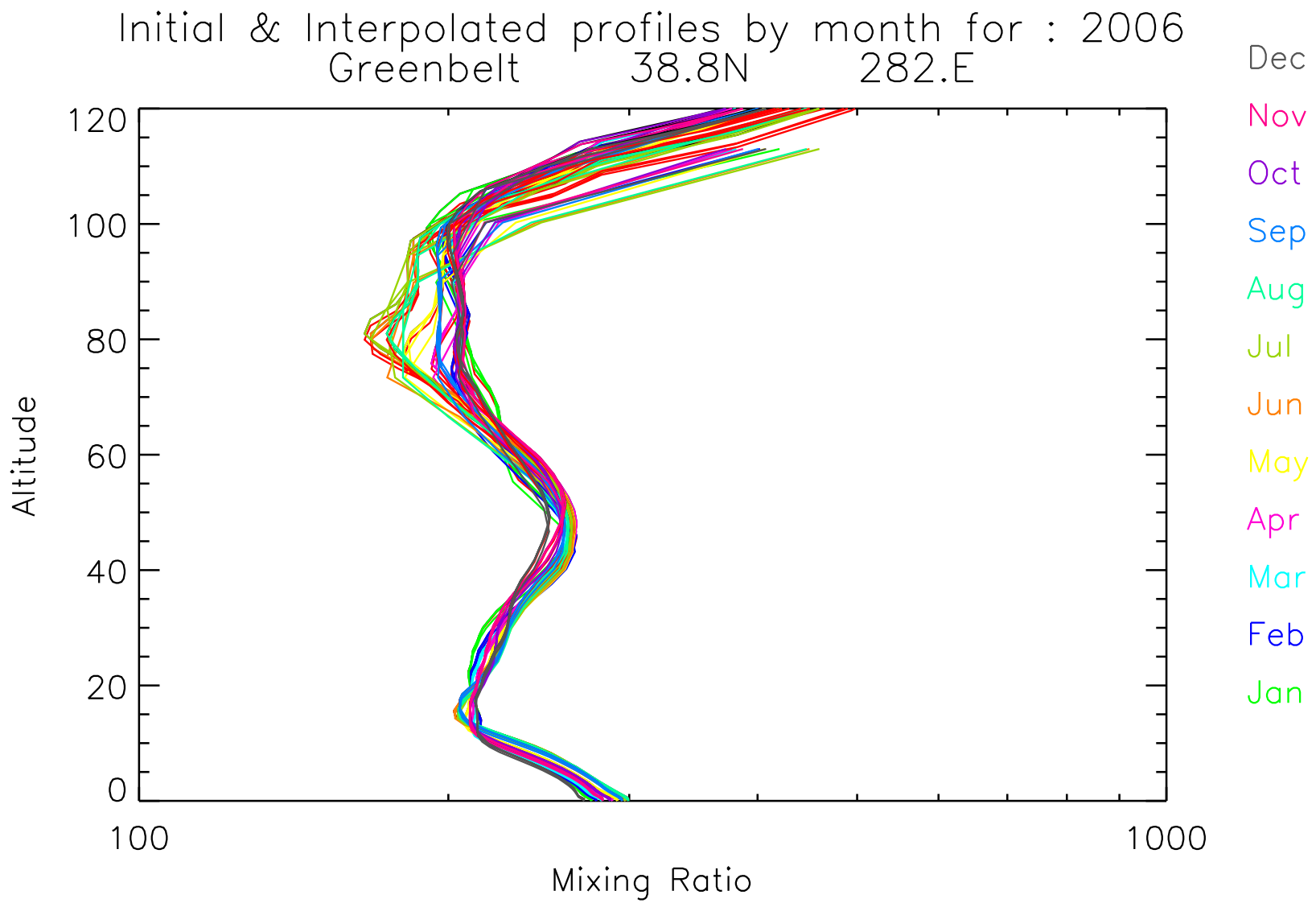
Initial & Interpolated profiles by month for : 2006
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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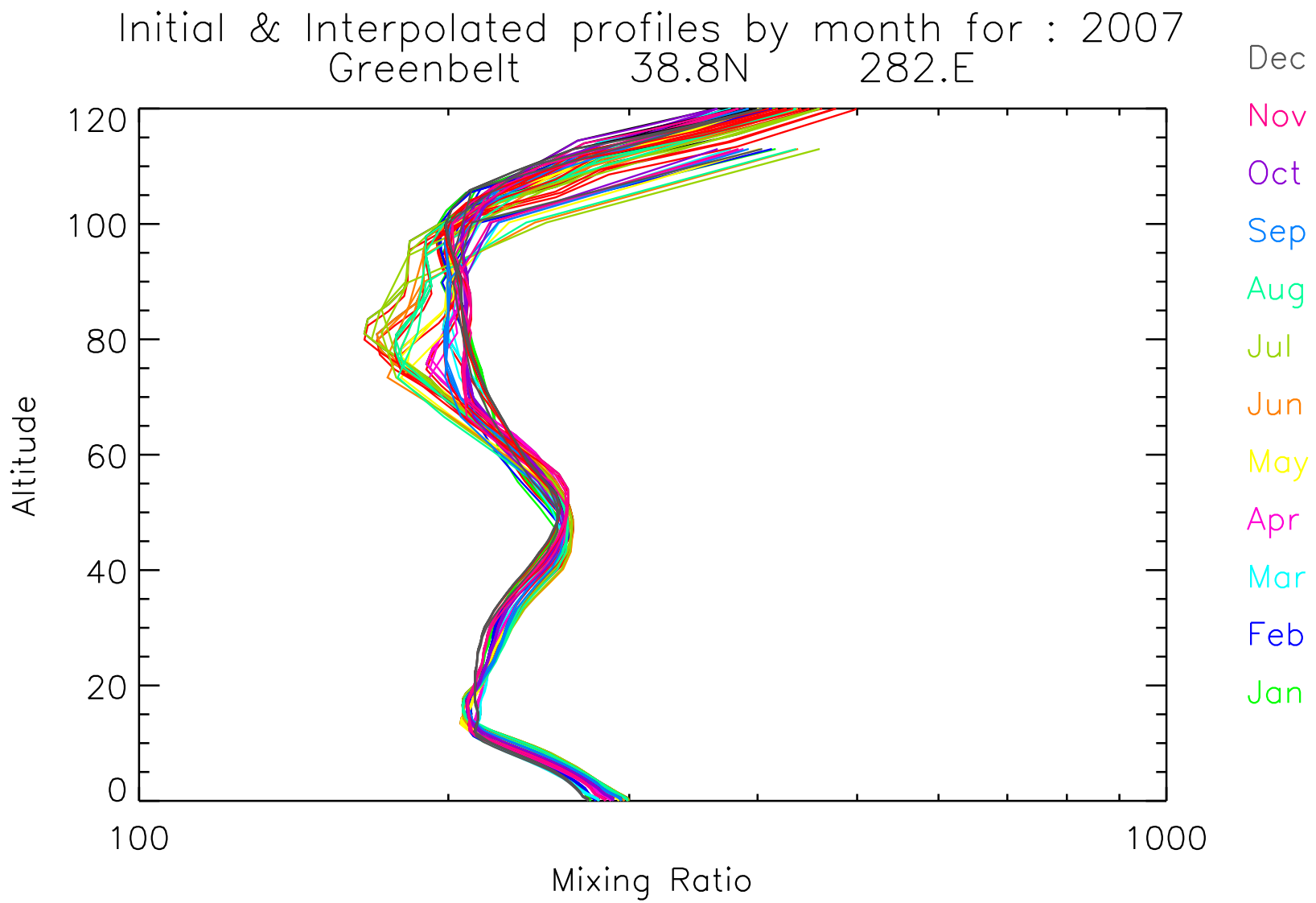
Initial & Interpolated profiles by month for : 2007
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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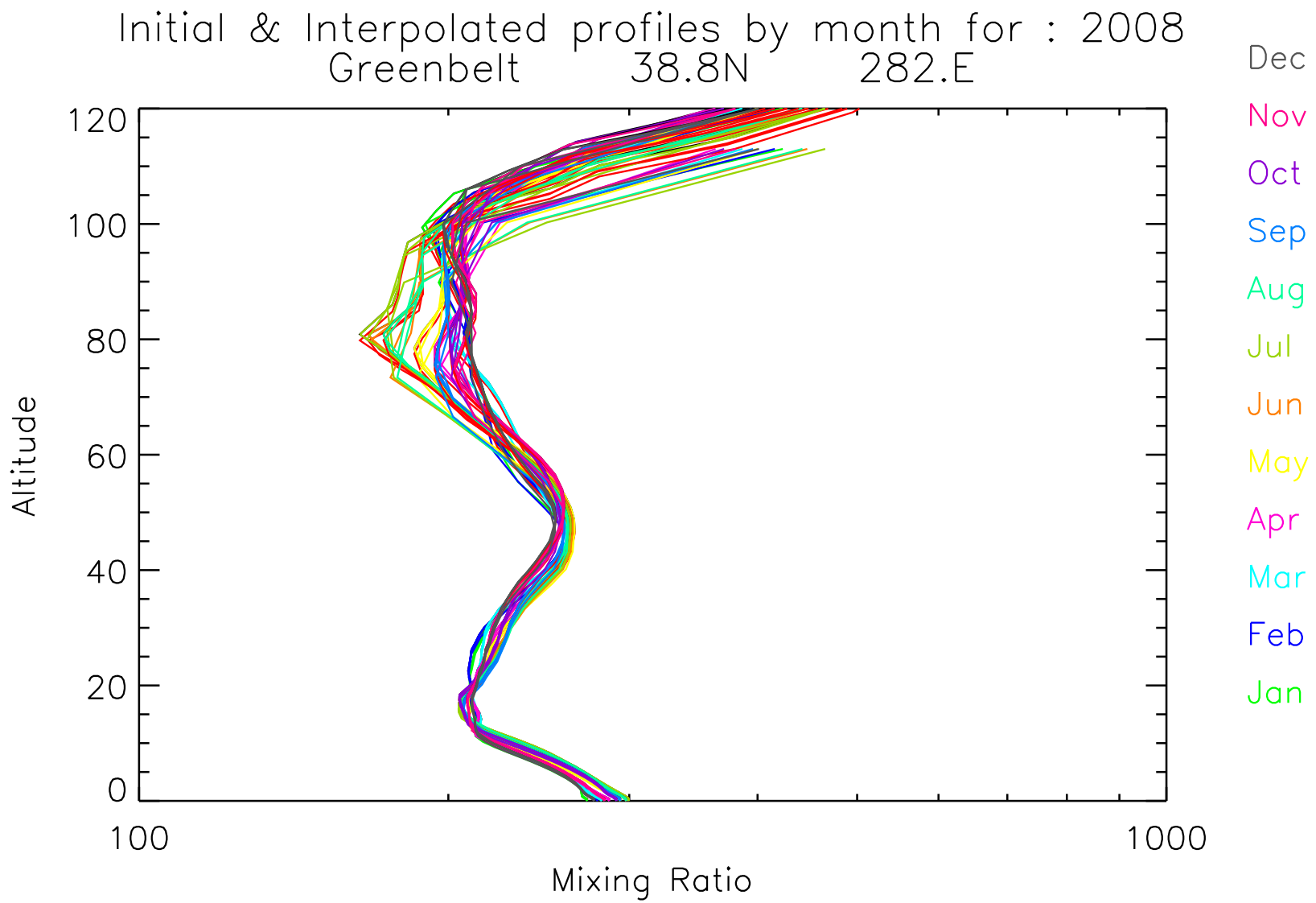
Initial & Interpolated profiles by month for : 2008
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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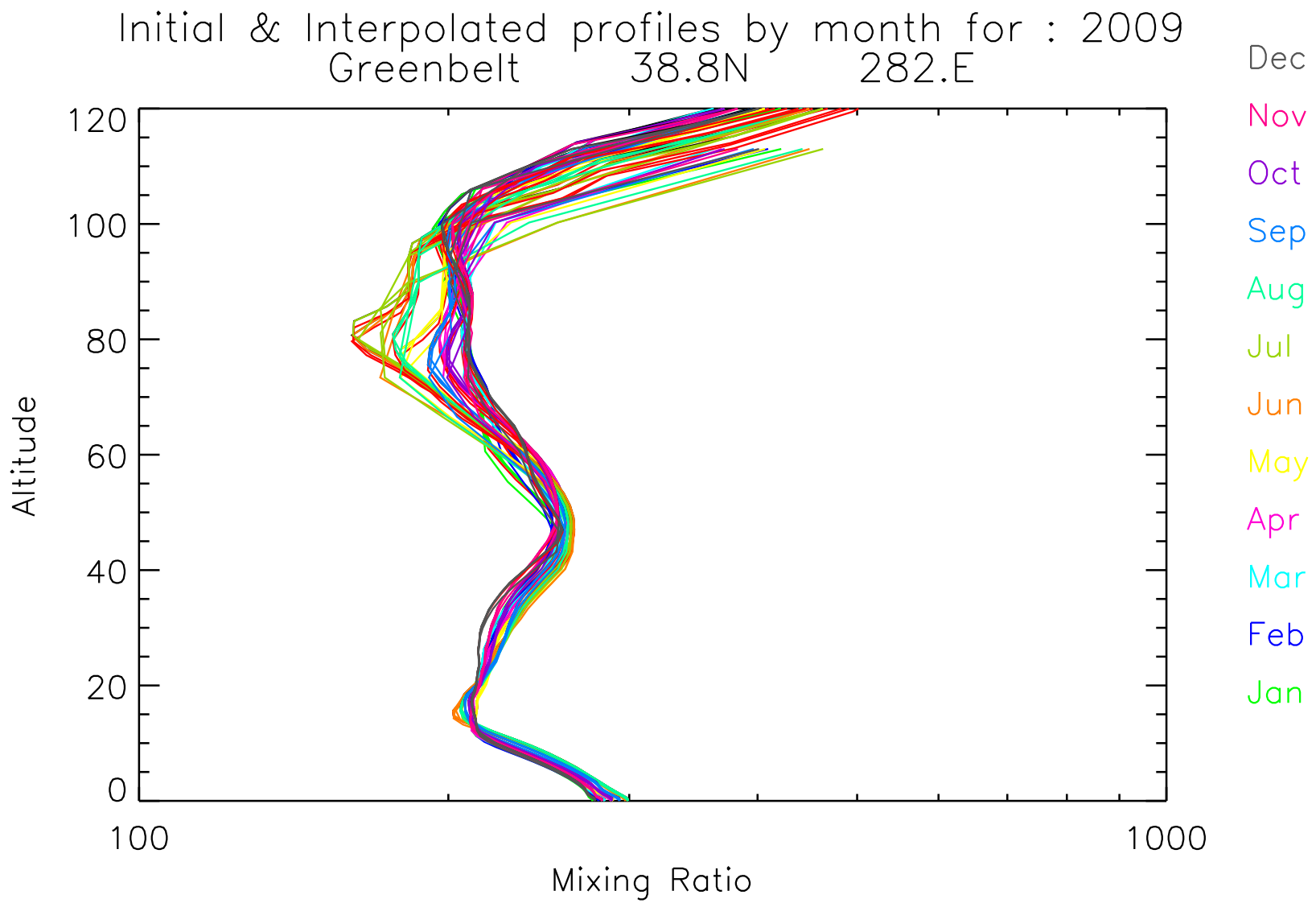
Initial & Interpolated profiles by month for : 2009
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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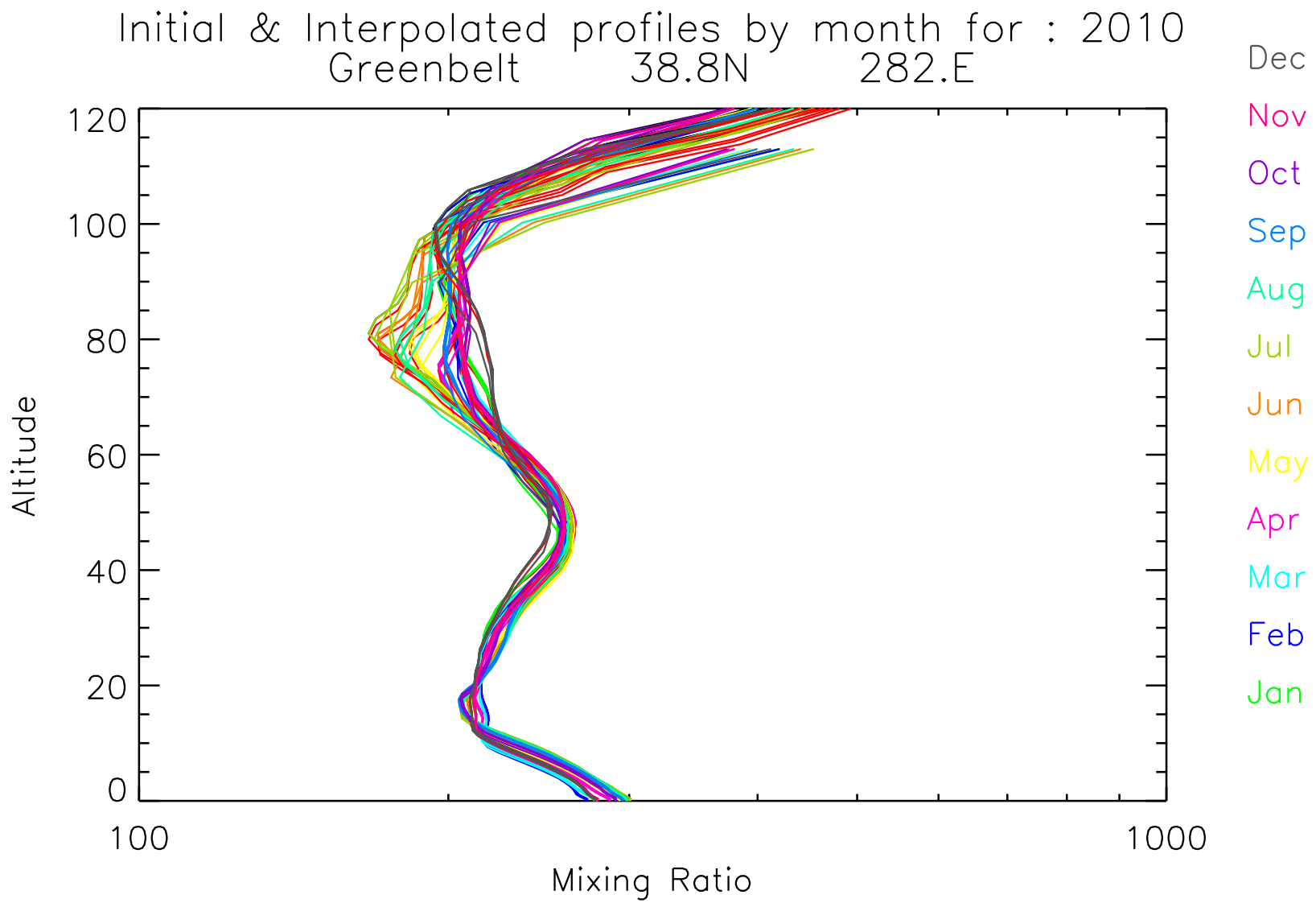
Initial & Interpolated profiles by month for : 2010
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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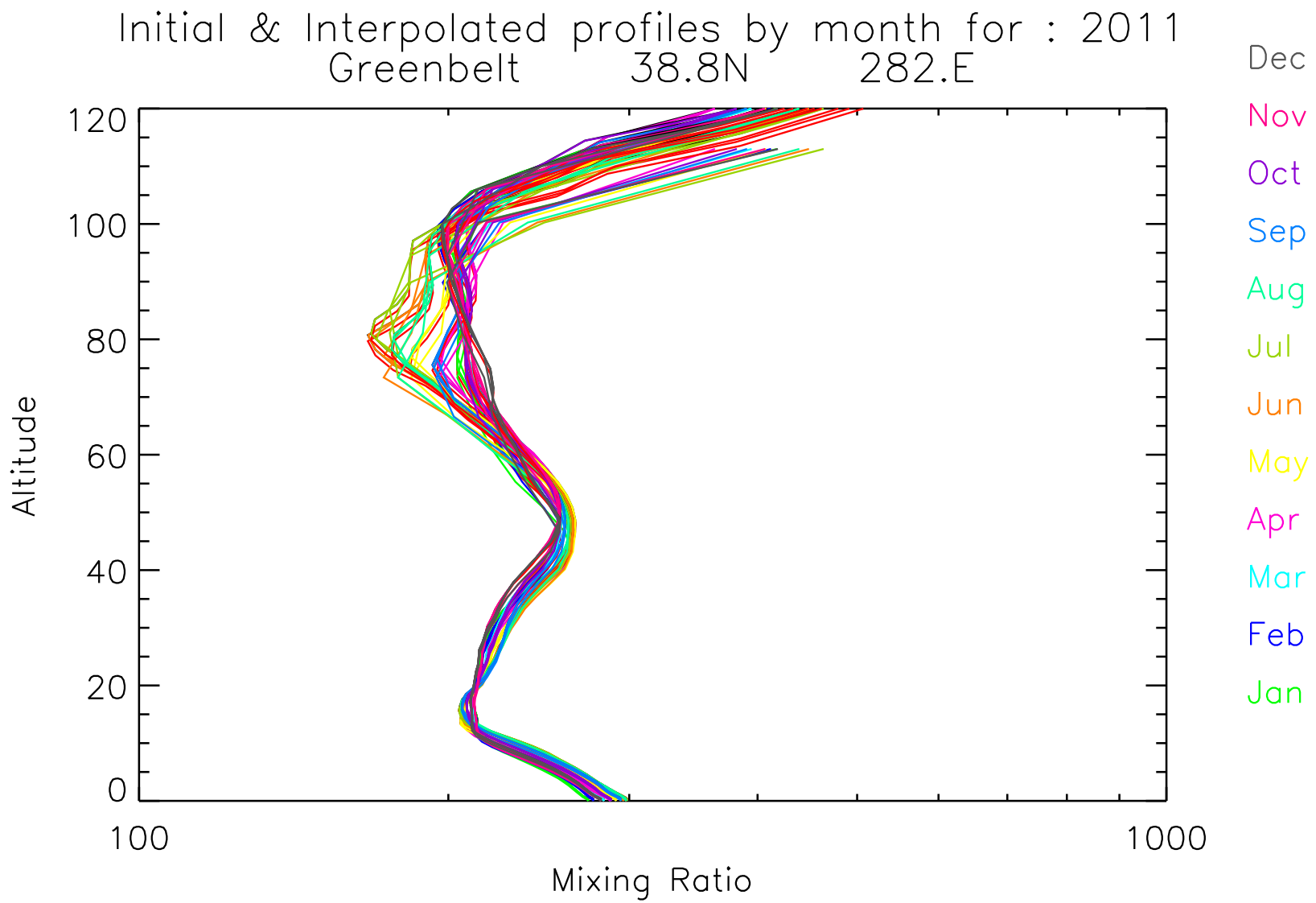
Initial & Interpolated profiles by month for : 2011
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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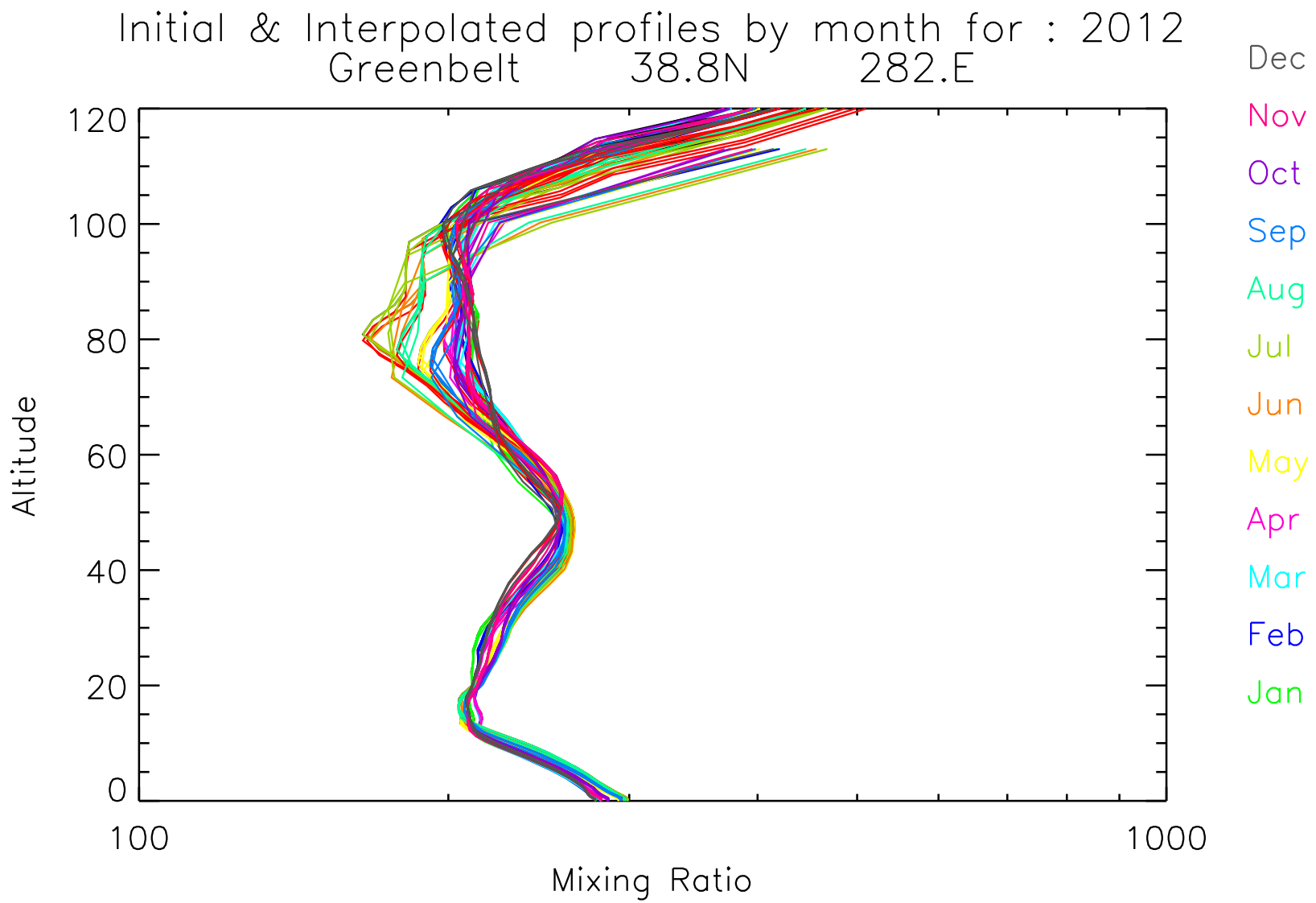
Initial & Interpolated profiles by month for : 2012
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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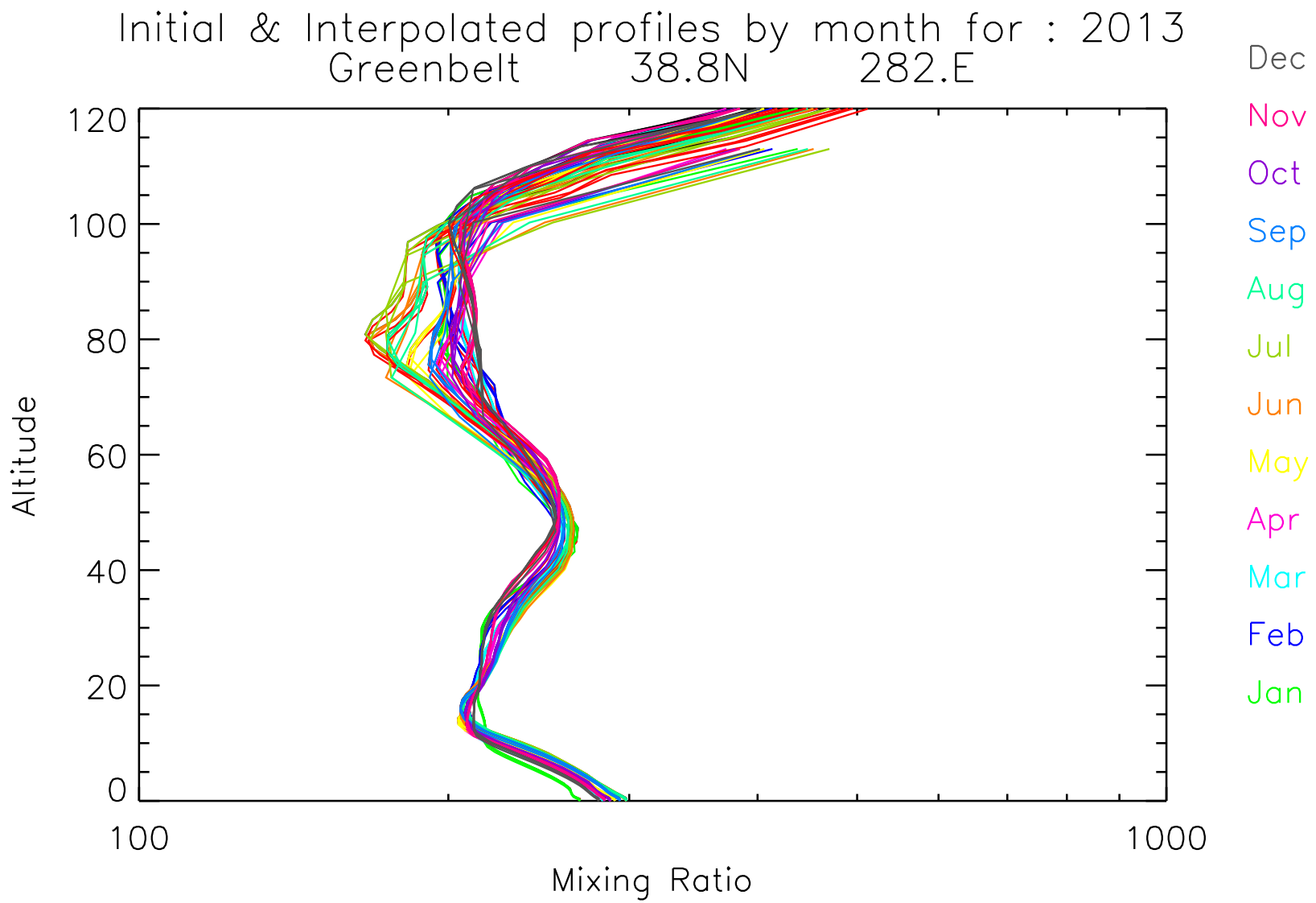
Initial & Interpolated profiles by month for : 2013
Greenbelt 38.8N 282.E
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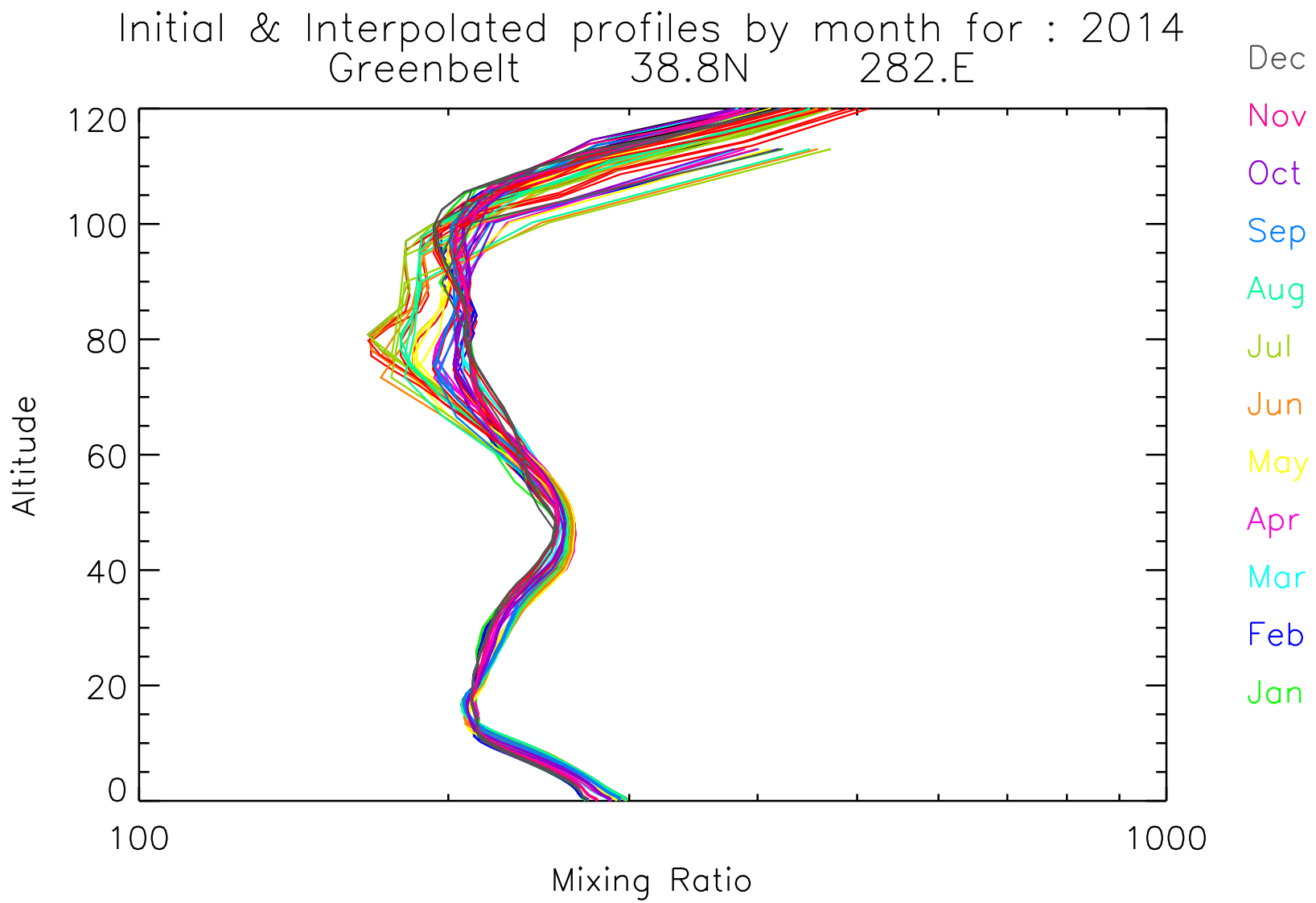
Mixing Ratio


Initial & Interpolated profiles by month for : 2014
Greenbelt 38.8N 282.E
Altitude
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Mixing Ratio
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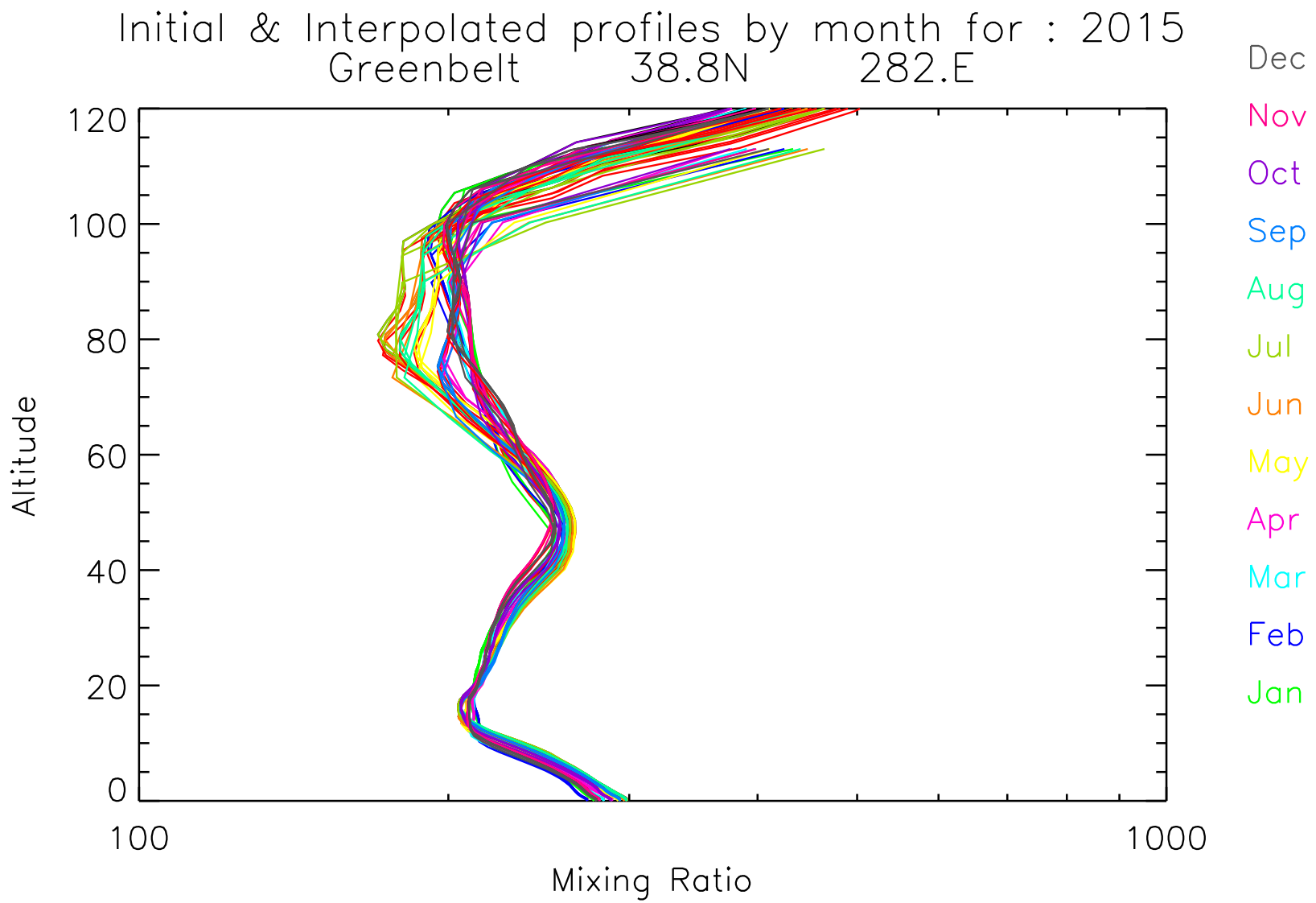
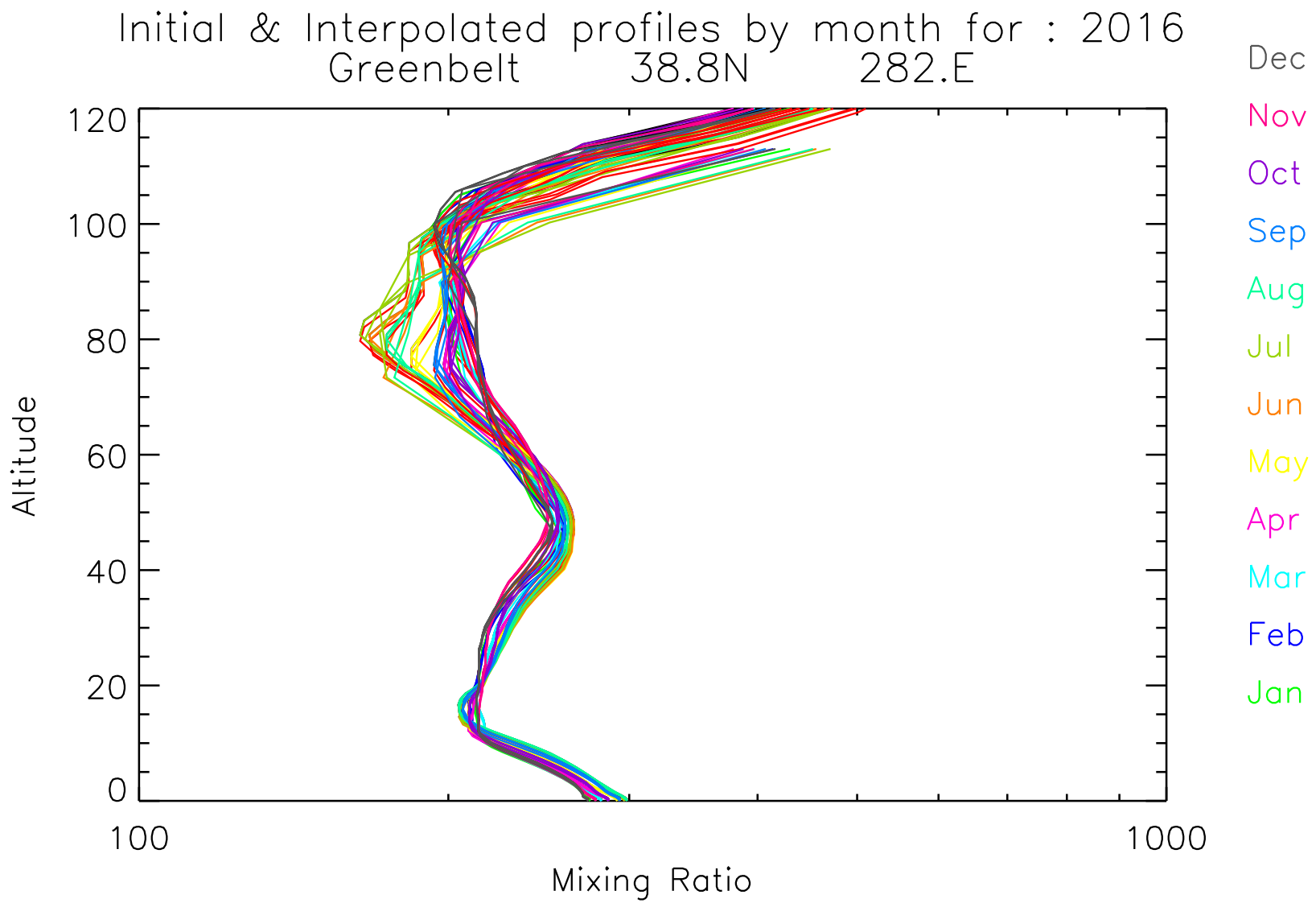
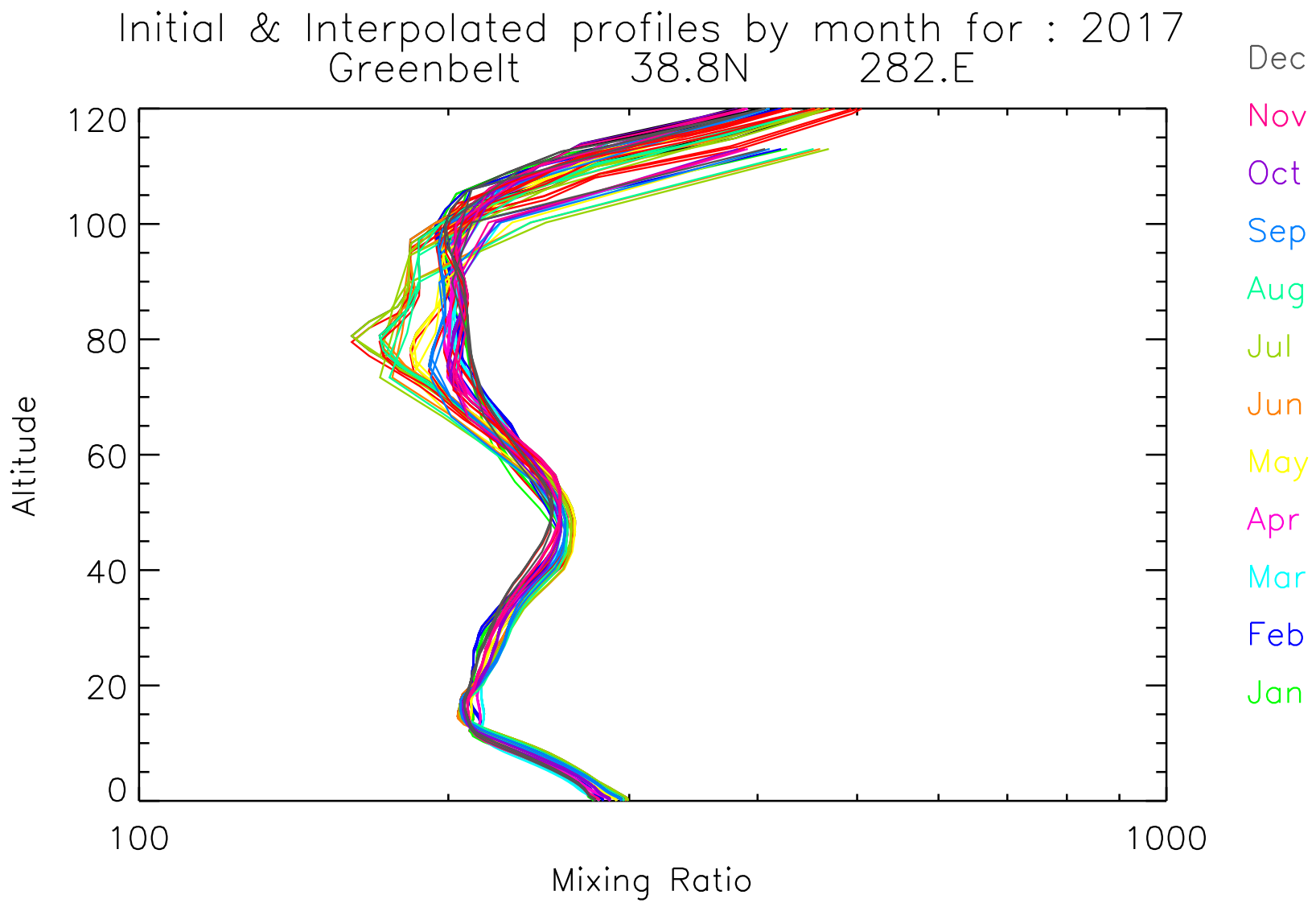
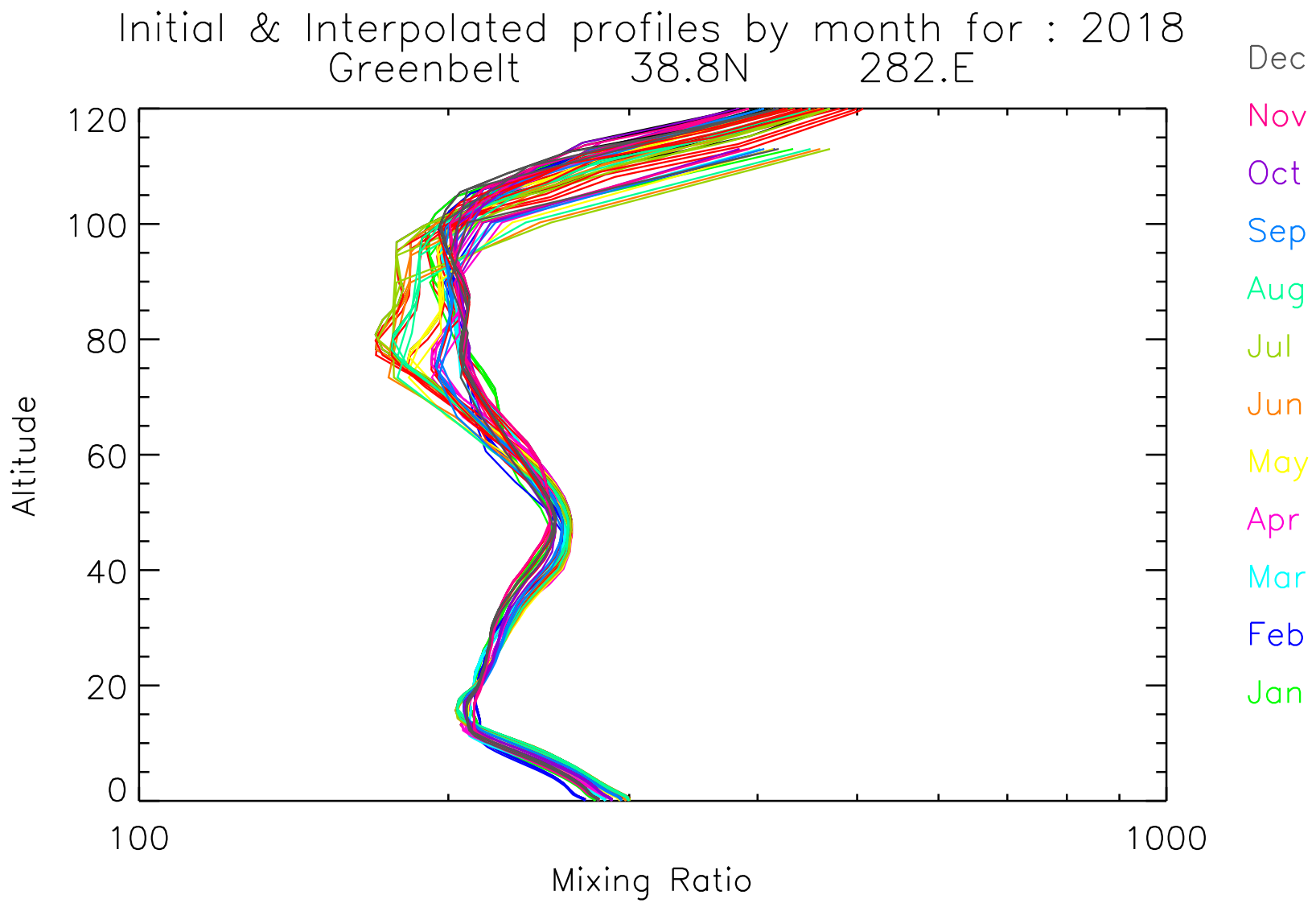
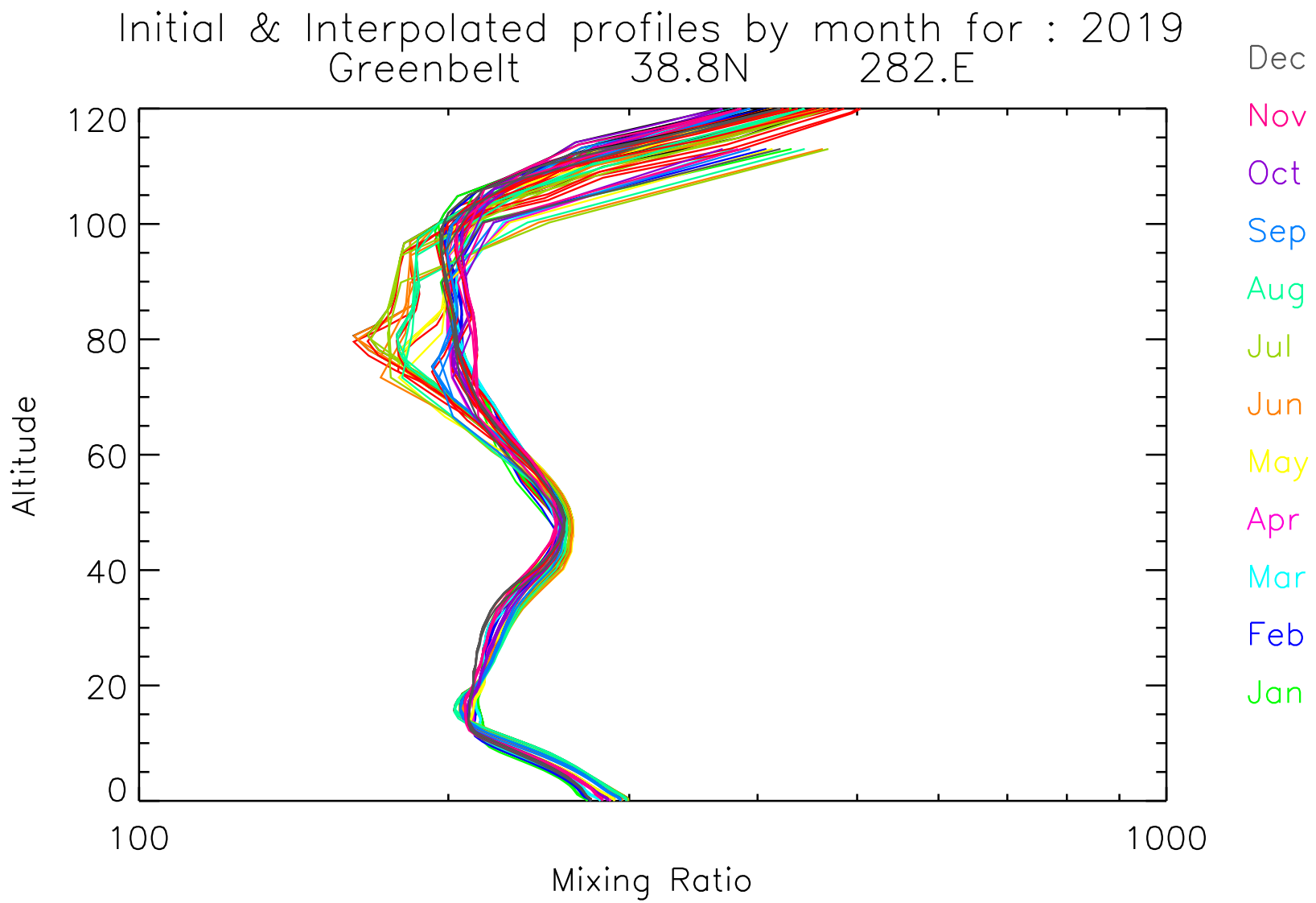
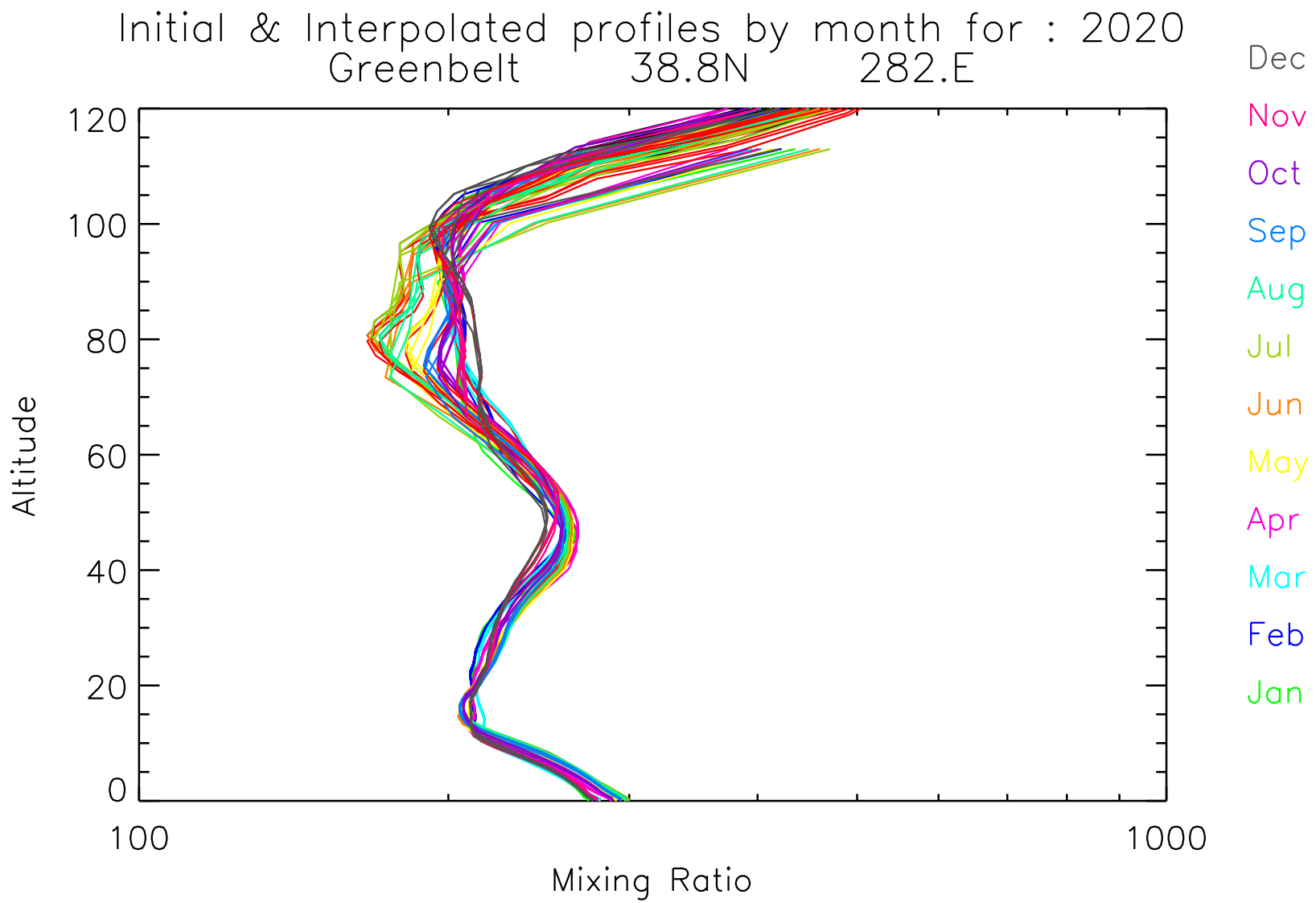

Initial & Interpolated profiles by month for : 2015
Greenbelt 38.8N 282.E
Altitude
120
100
80
60
40
20
0
100
1000
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

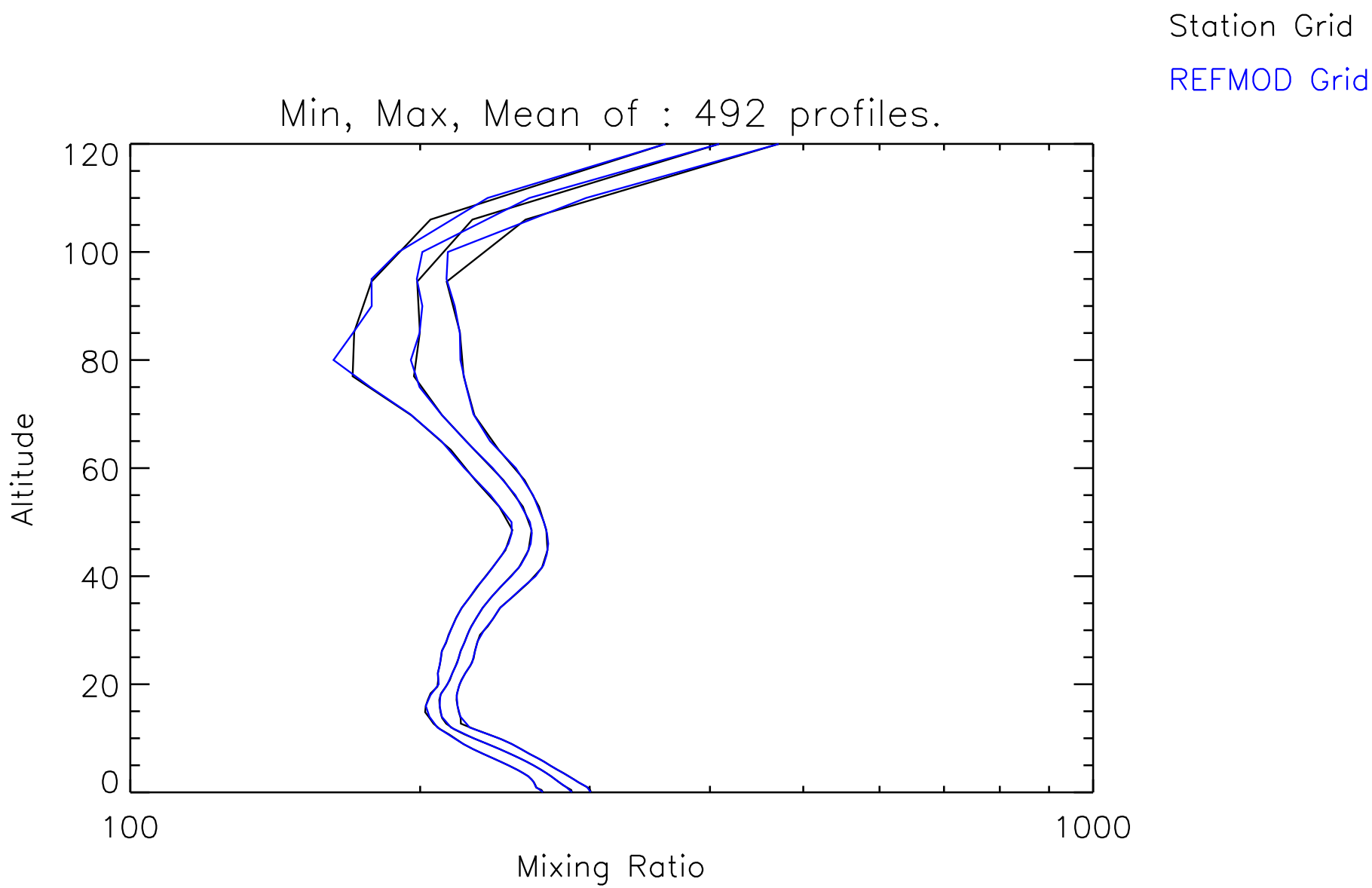

Initial & Interpolated profiles by month for : 2016
Greenbelt 38.8N 282.E
Altitude
120
100
80
60
40
20
0
100
1000
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

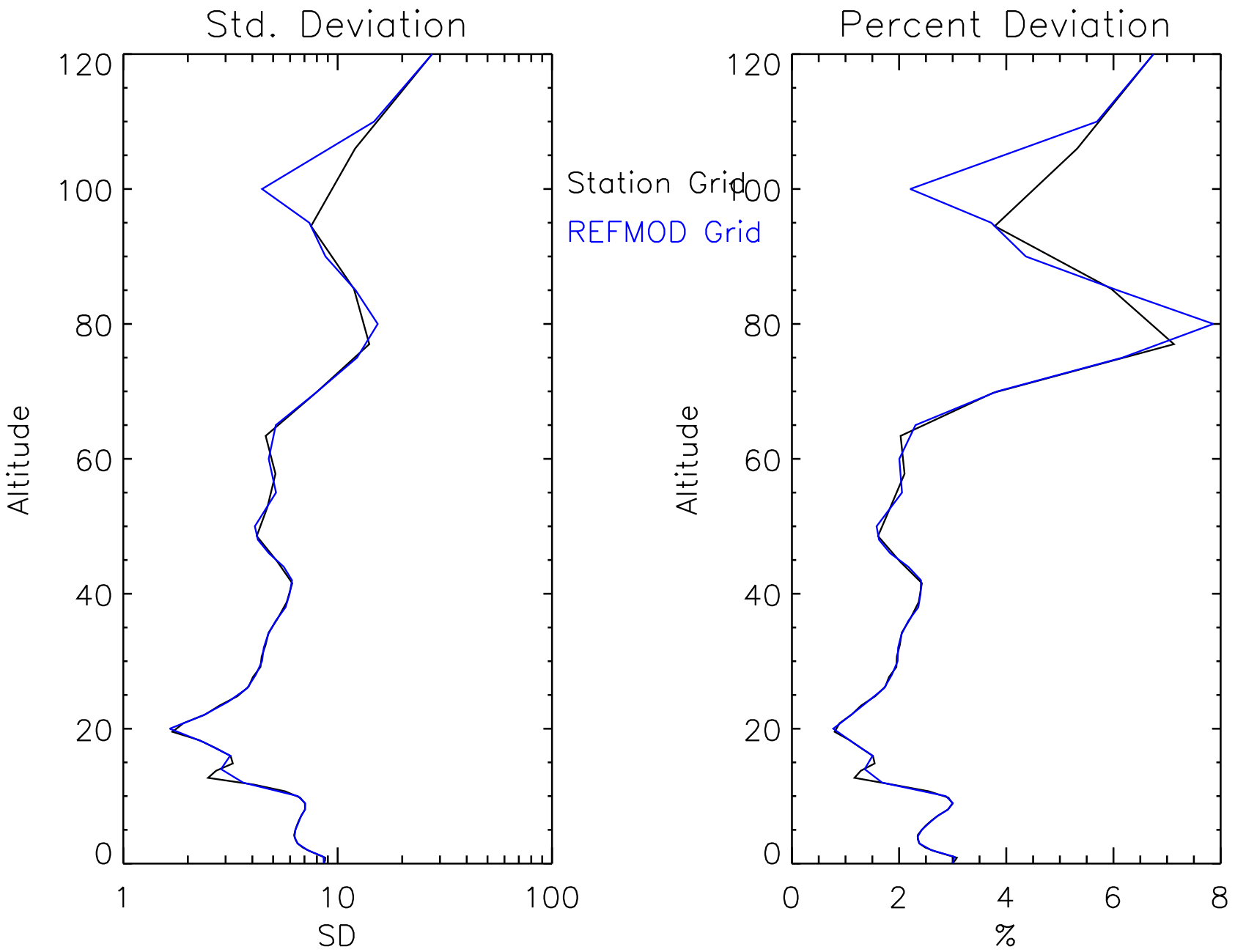

Initial & Interpolated profiles by month for : 2017
Greenbelt 38.8N 282.E
Altitude
120
100
80
60
40
20
0
100
1000
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

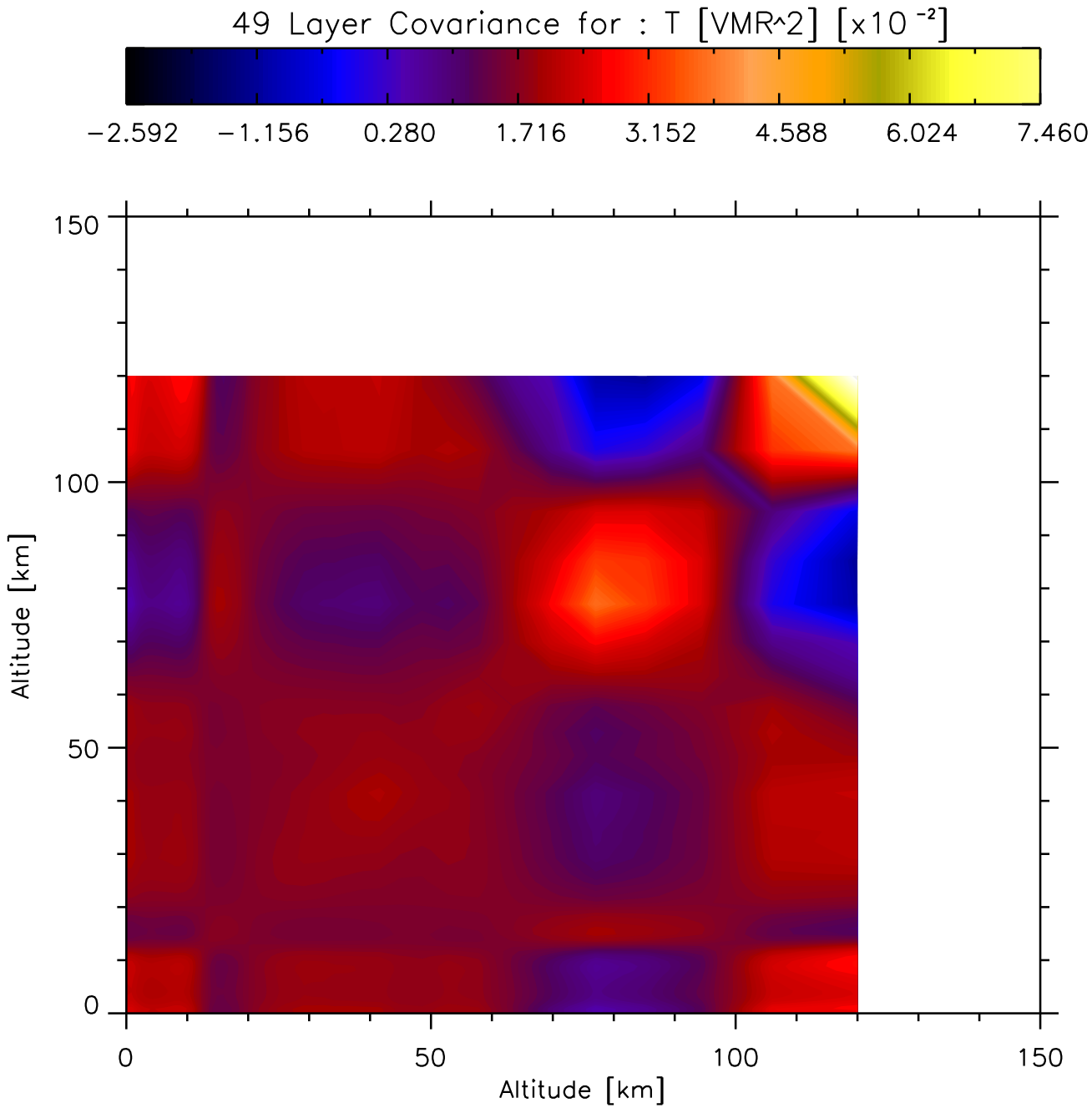

Initial & Interpolated profiles by month for : 2018
Greenbelt 38.8N 282.E
Altitude
120
100
80
60
40
20
0
100
1000
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

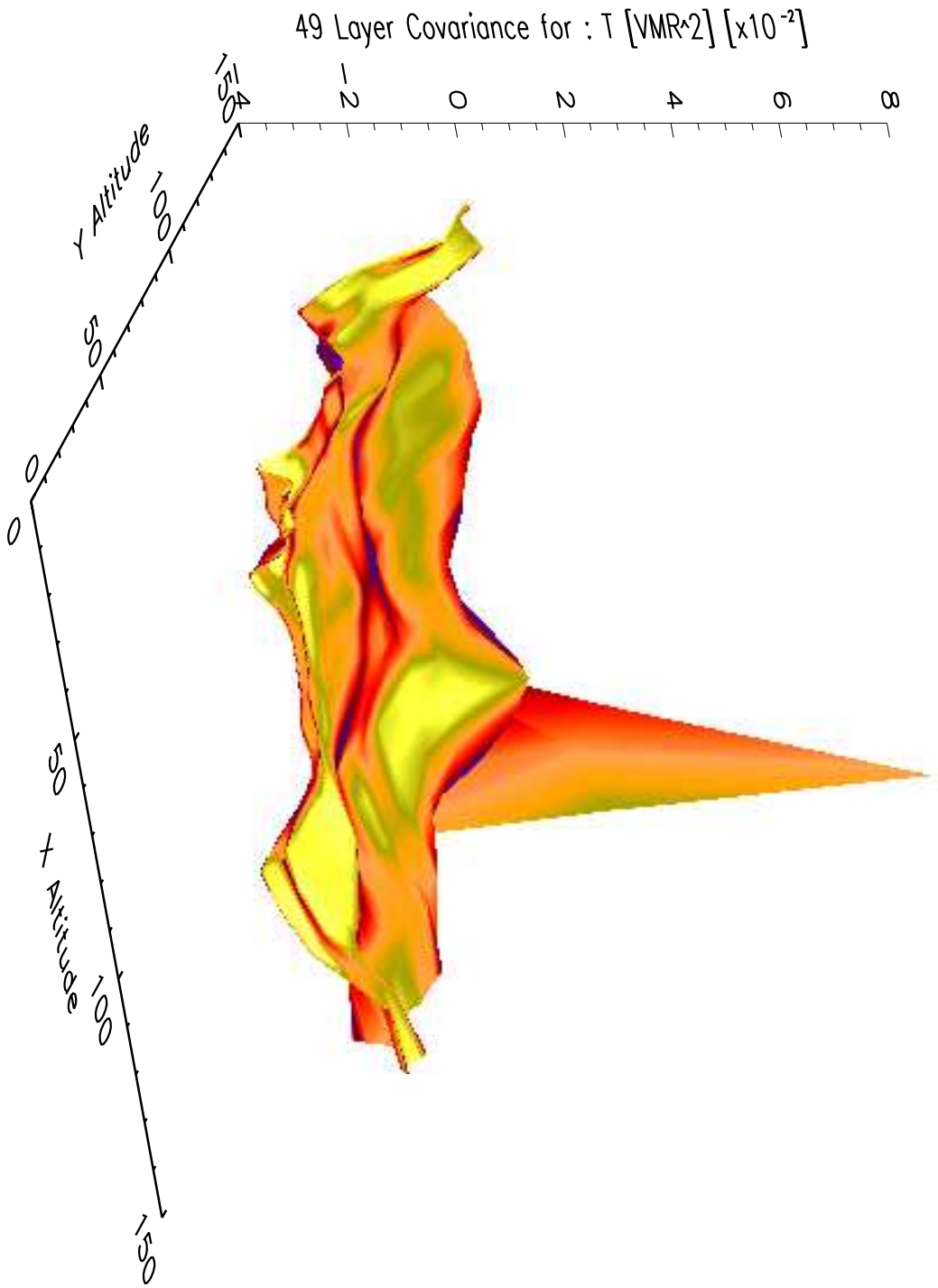

Initial & Interpolated profiles by month for : 2019
Greenbelt 38.8N 282.E
Altitude
120
100
80
60
40
20
0
100
1000
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

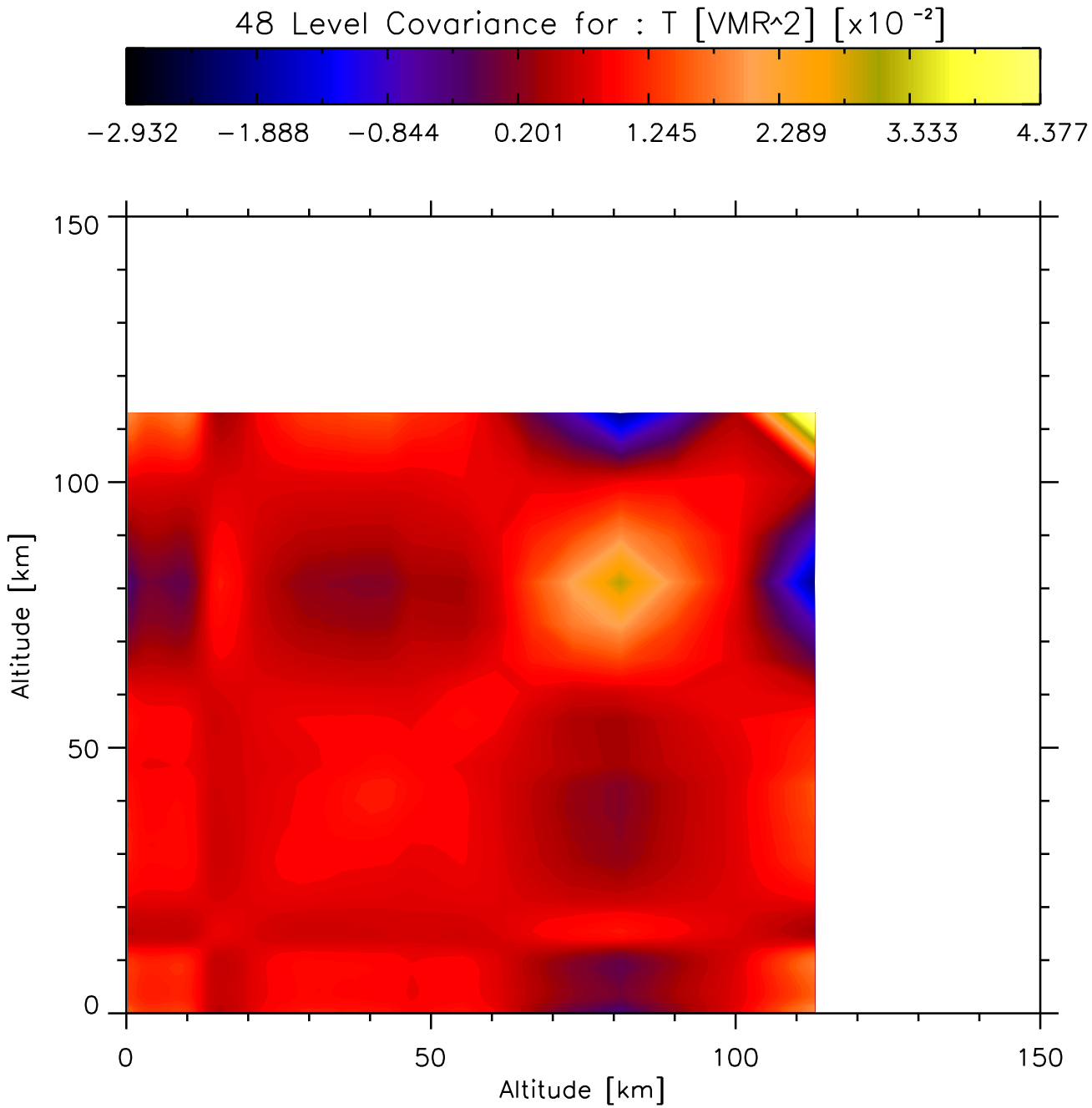

Initial & Interpolated profiles by month for : 2020
Greenbelt 38.8N 282.E
Altitude
120
100
80
60
40
20
0
100
1000
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

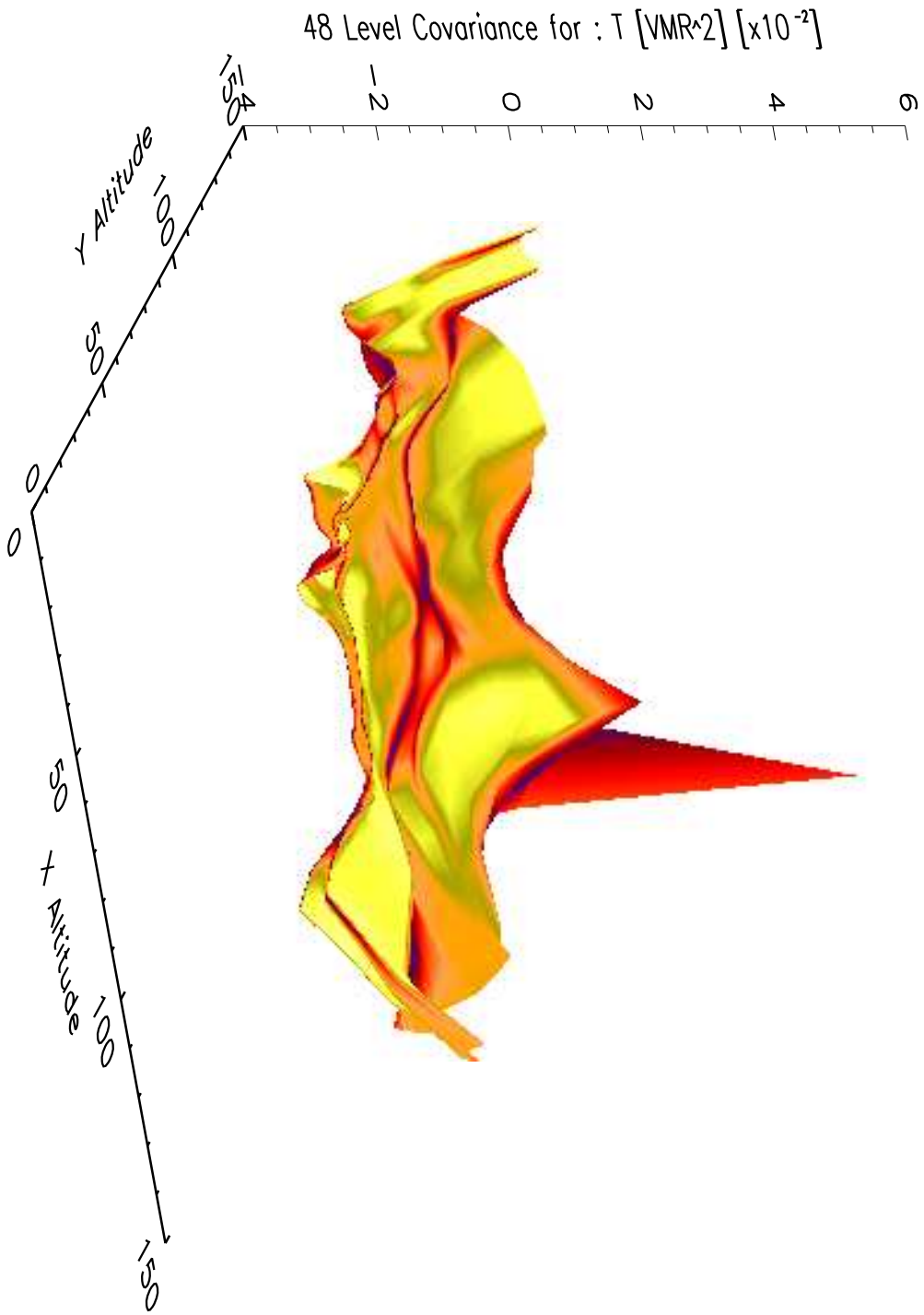

Station Grid
REFMOD Grid
Min, Max, Mean of : 492 profiles.
120
100
80
60
40
20
0
Altitude
100
1000
Mixing Ratio


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
%


49 Layer Covariance for : T [VMR^2] [x10 -2]
−2.592
−1.156
0.280
1.716
3.152
4.588
6.024
7.460
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


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


48 Level Covariance for : T [VMR^2] [x10 -2]
−2.932
−1.888
−0.844
0.201
1.245
2.289
3.333
4.377
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


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