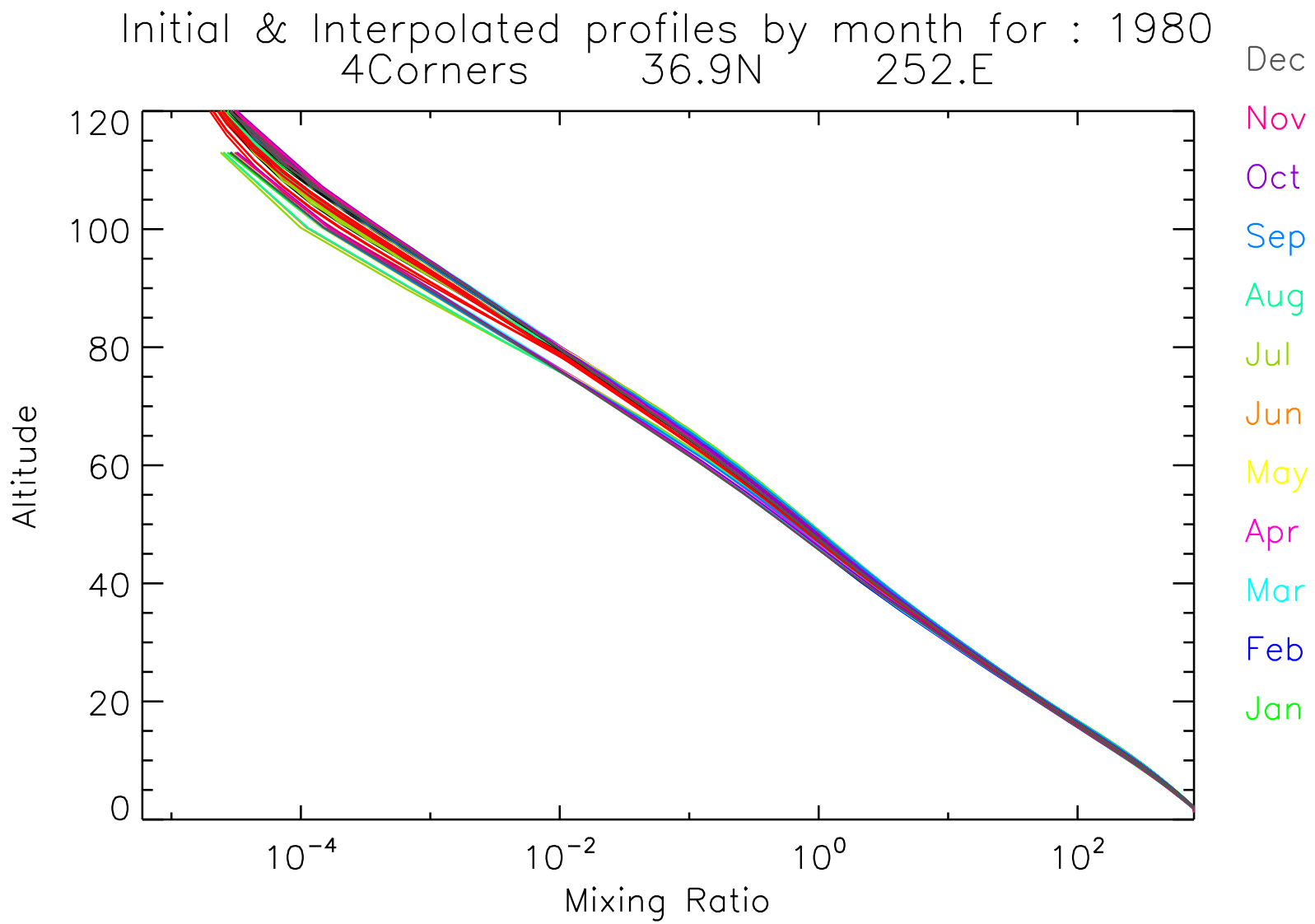
Initial & Interpolated profiles by month for : 1980
4Corners 36.9N 252.E
Altitude
120
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10^{-4}
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Mixing Ratio
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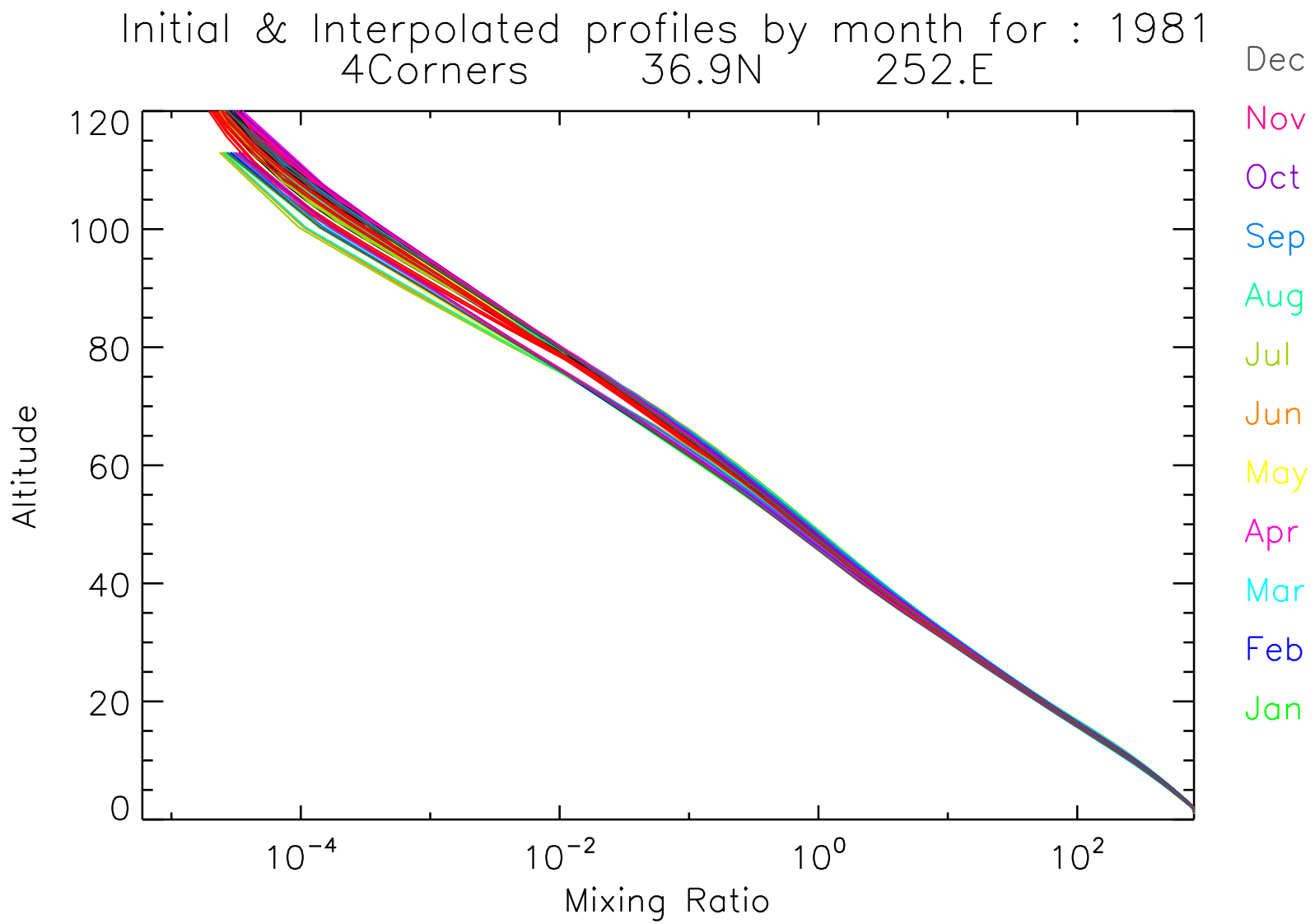
Initial & Interpolated profiles by month for : 1981
4Corners 36.9N 252.E
Altitude
120
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10^{-4}
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Mixing Ratio
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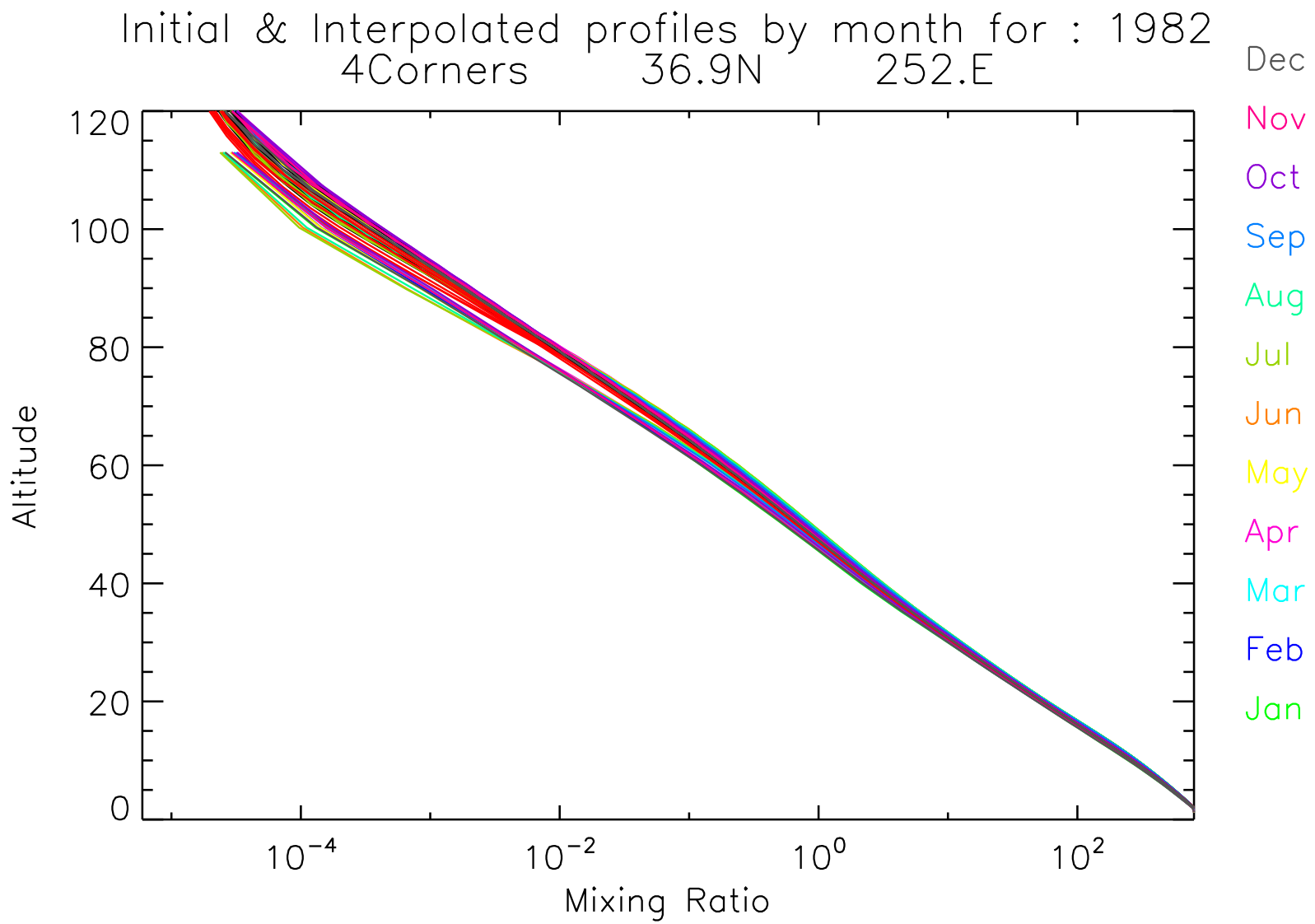
Initial & Interpolated profiles by month for : 1982
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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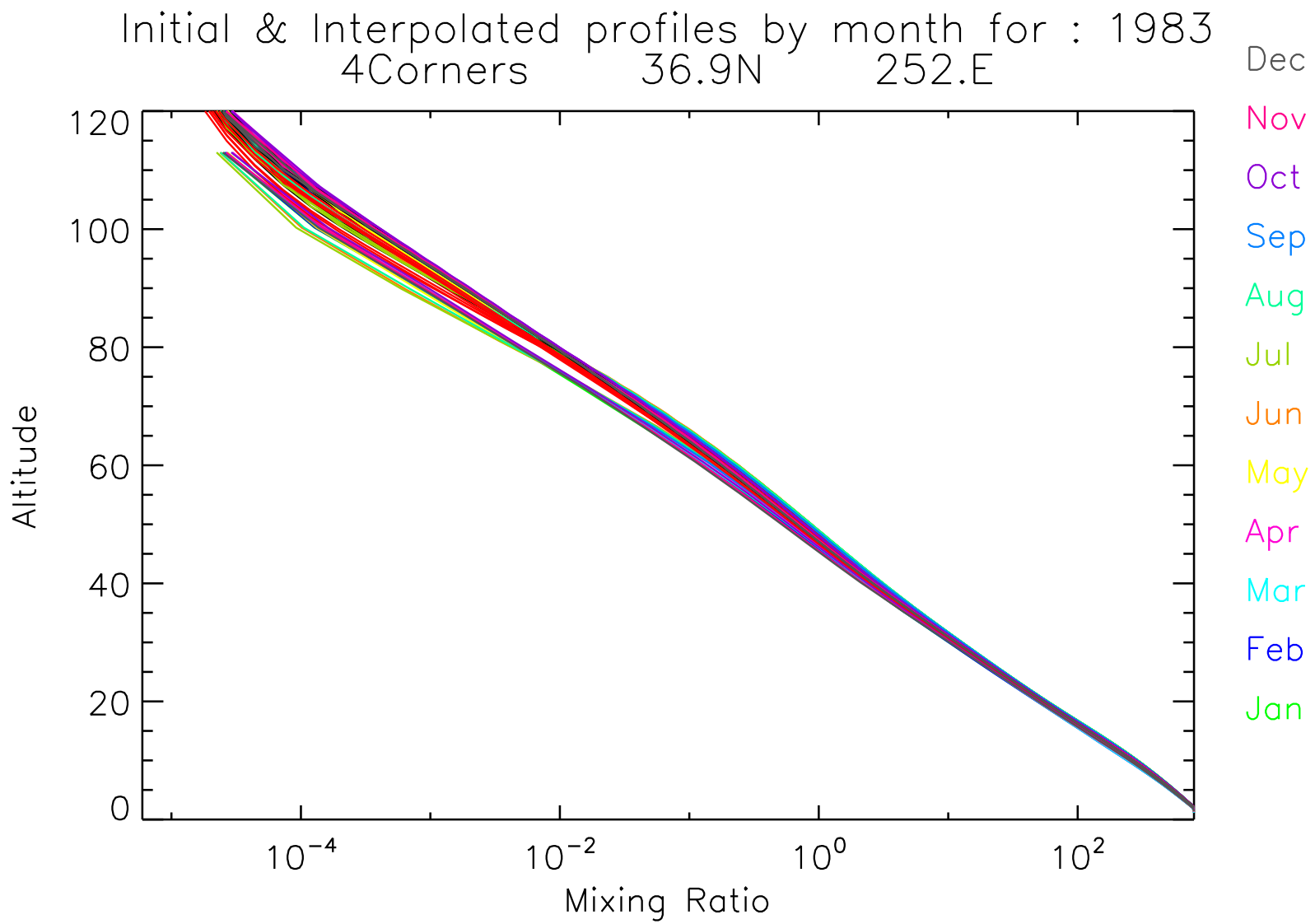
Initial & Interpolated profiles by month for : 1983
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Altitude
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Mixing Ratio
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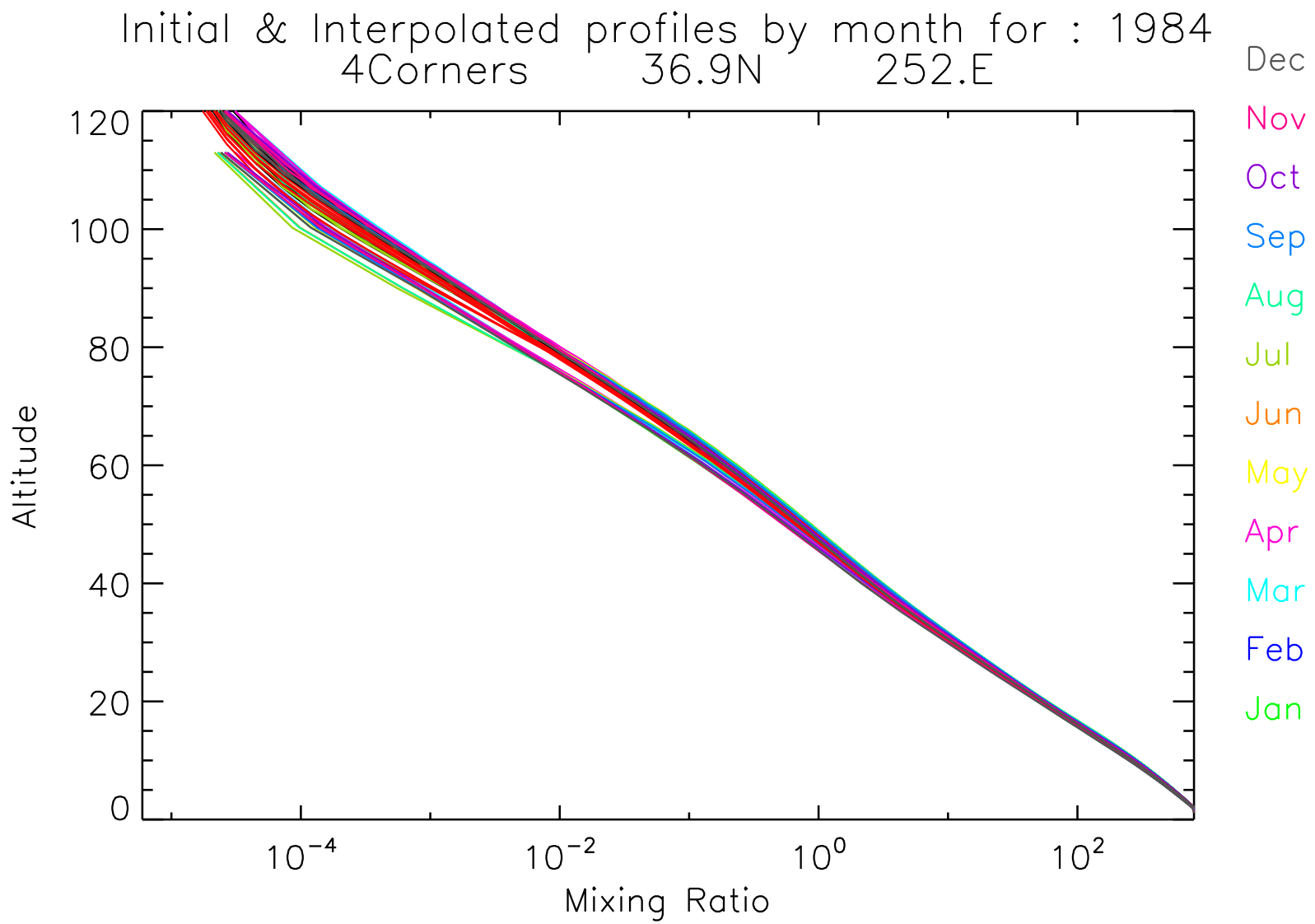
Initial & Interpolated profiles by month for : 1984
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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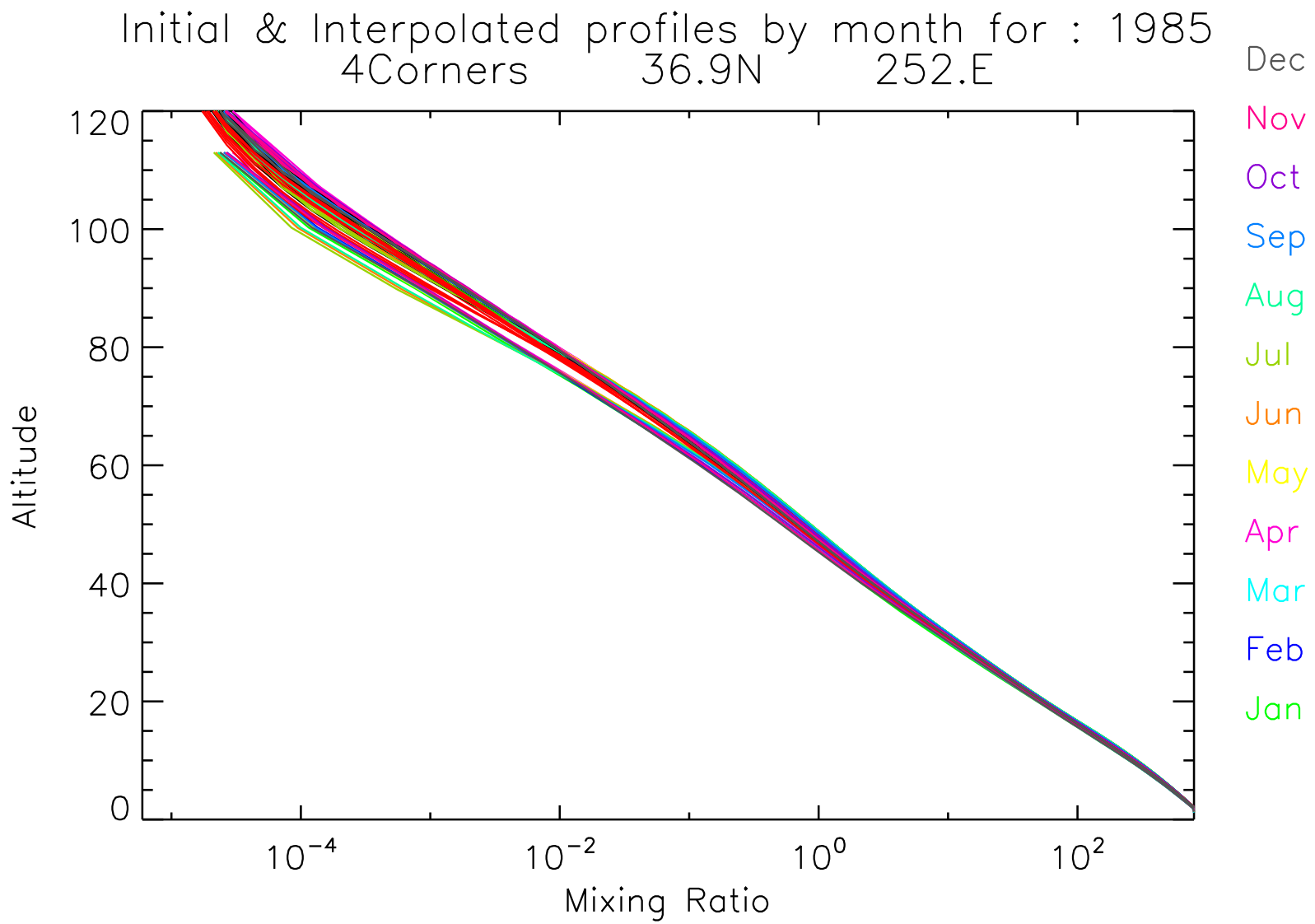
Initial & Interpolated profiles by month for : 1985
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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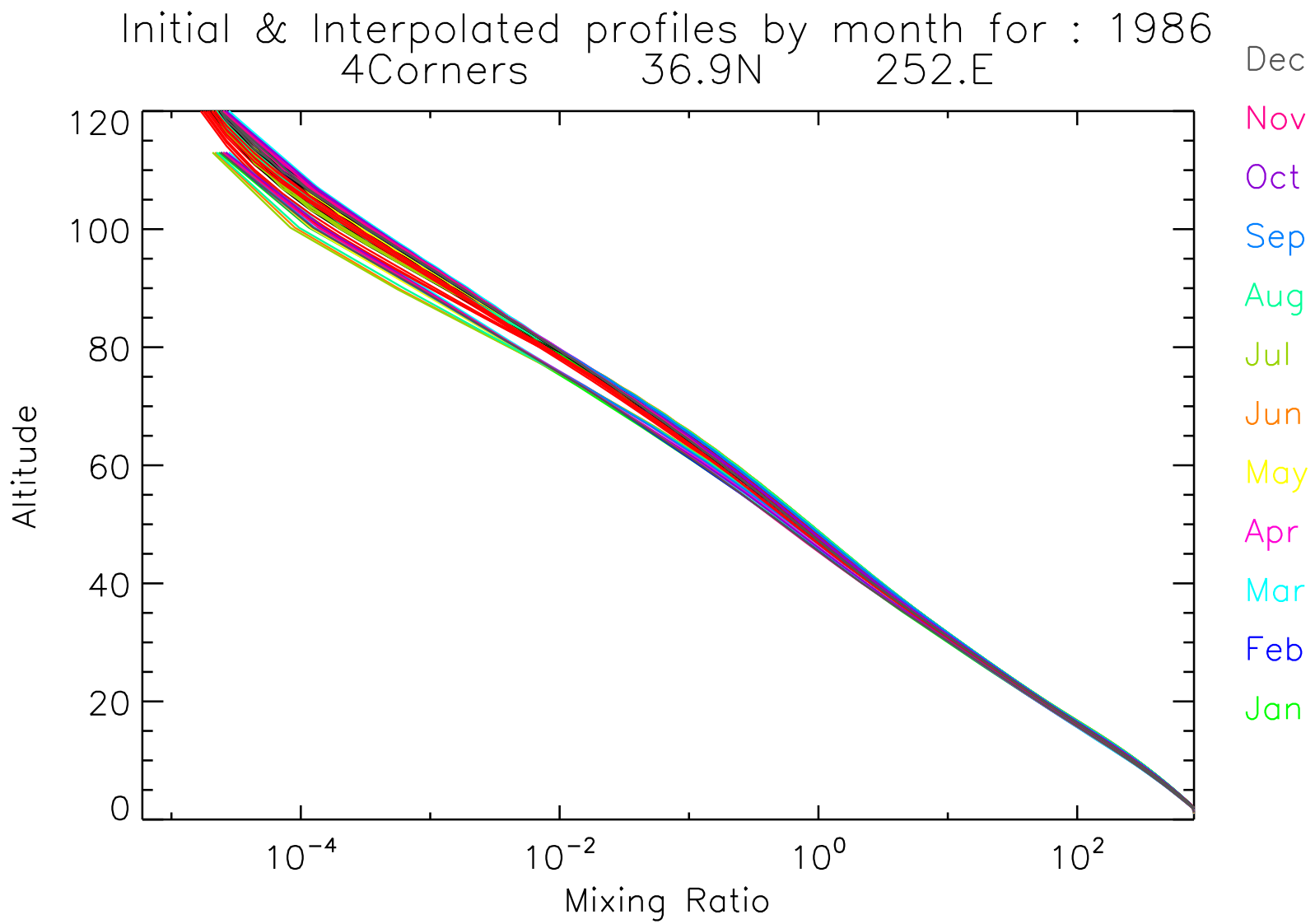
Initial & Interpolated profiles by month for : 1986
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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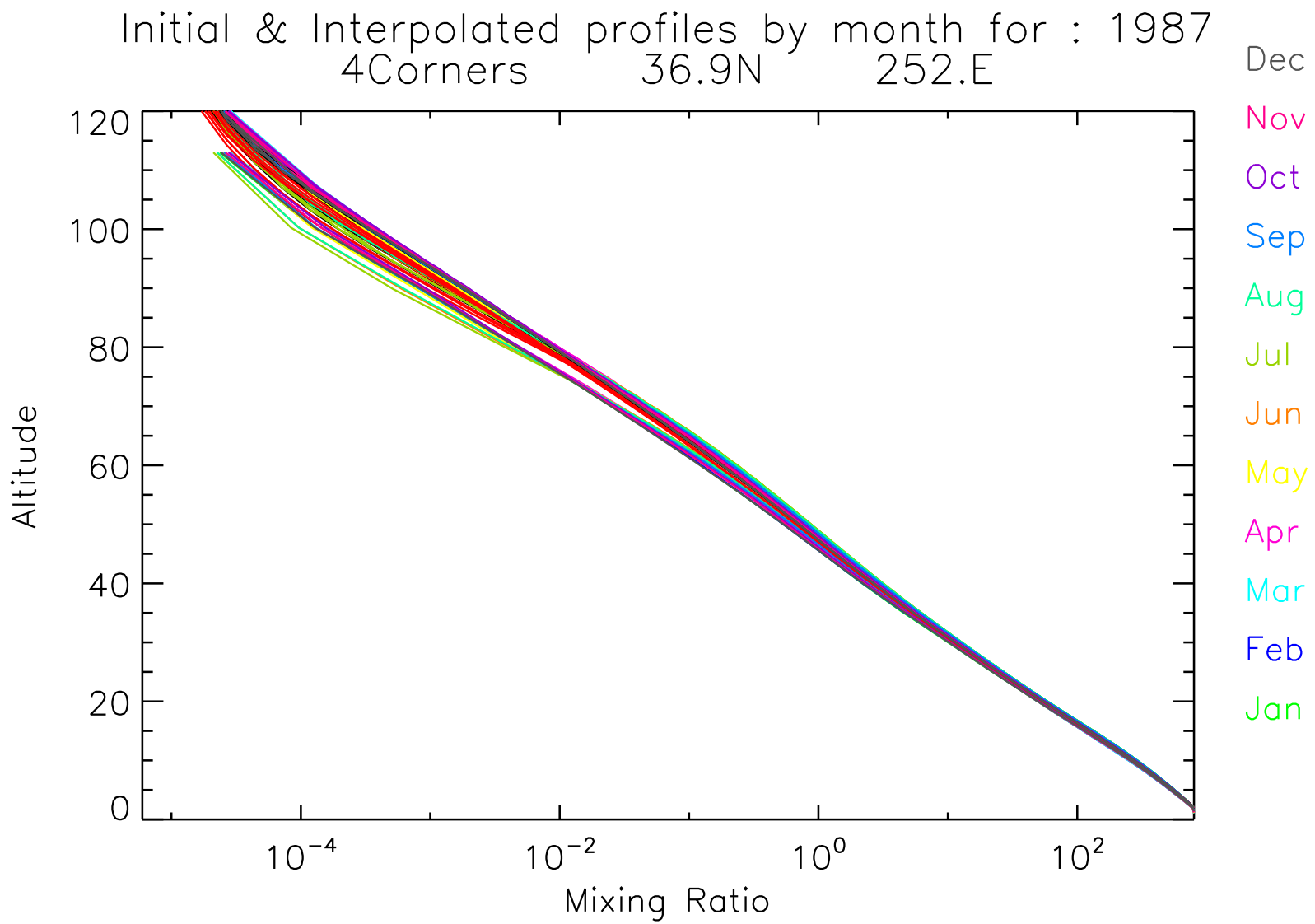
Initial & Interpolated profiles by month for : 1987
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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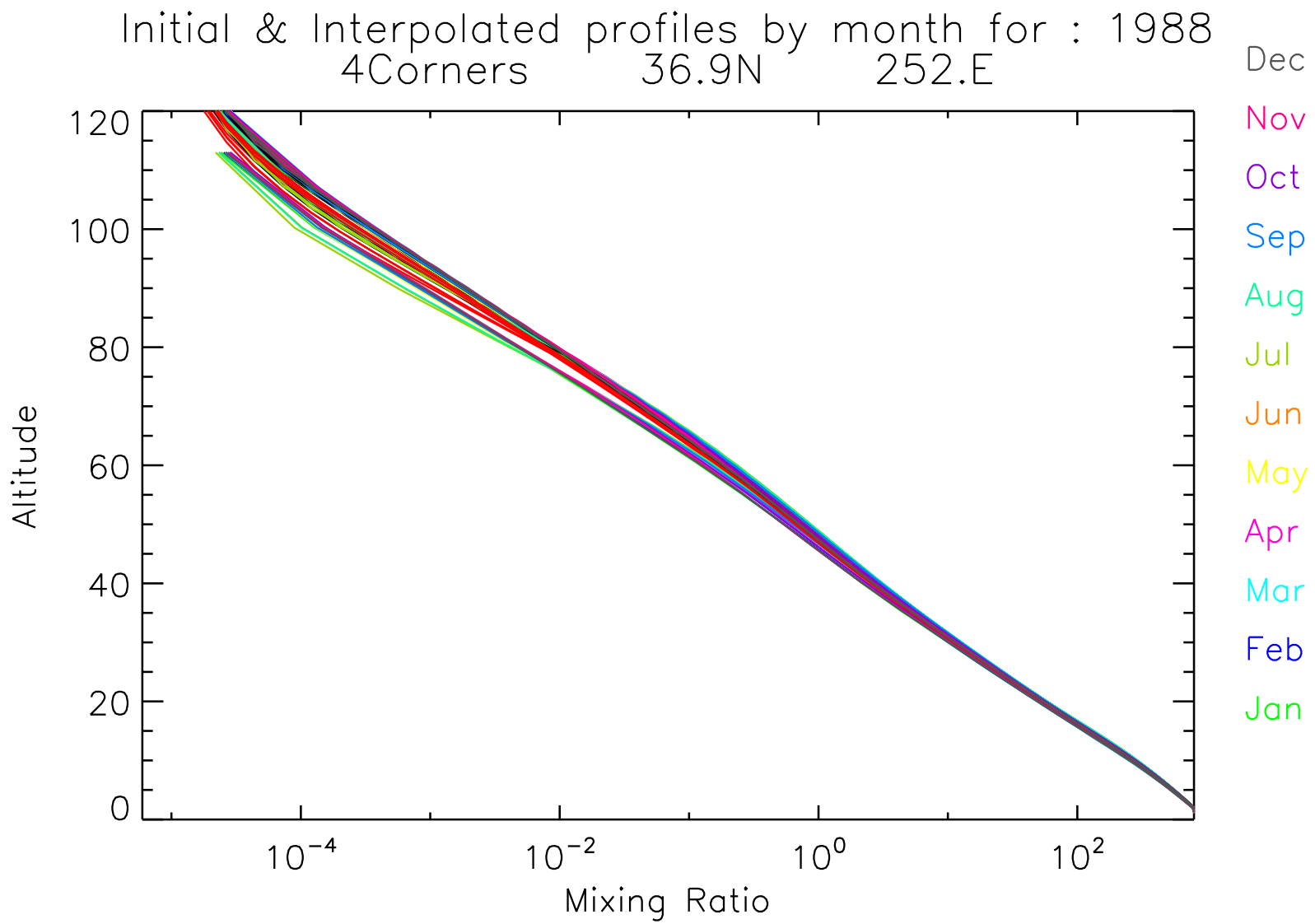
Initial & Interpolated profiles by month for : 1988
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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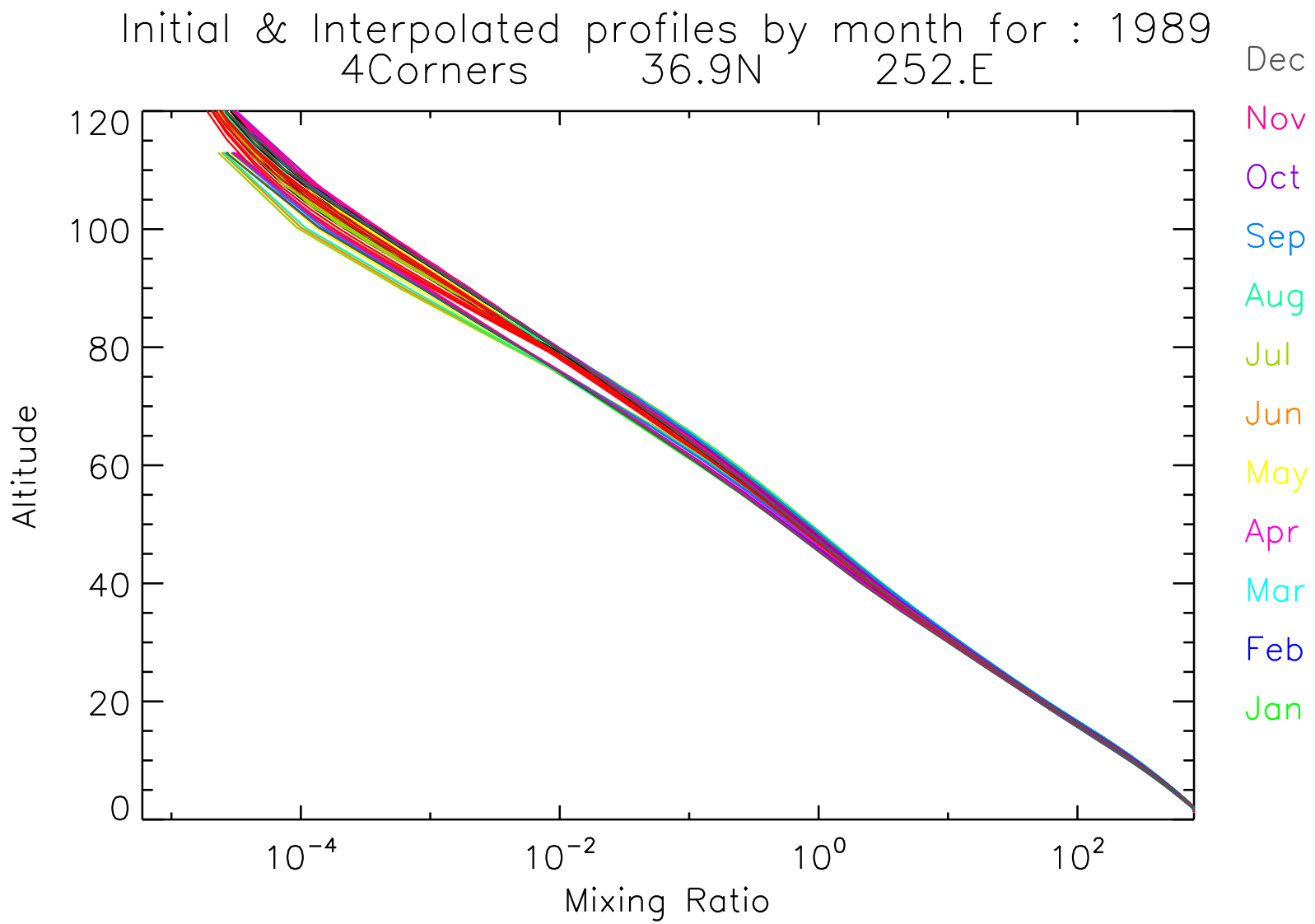
Initial & Interpolated profiles by month for : 1989
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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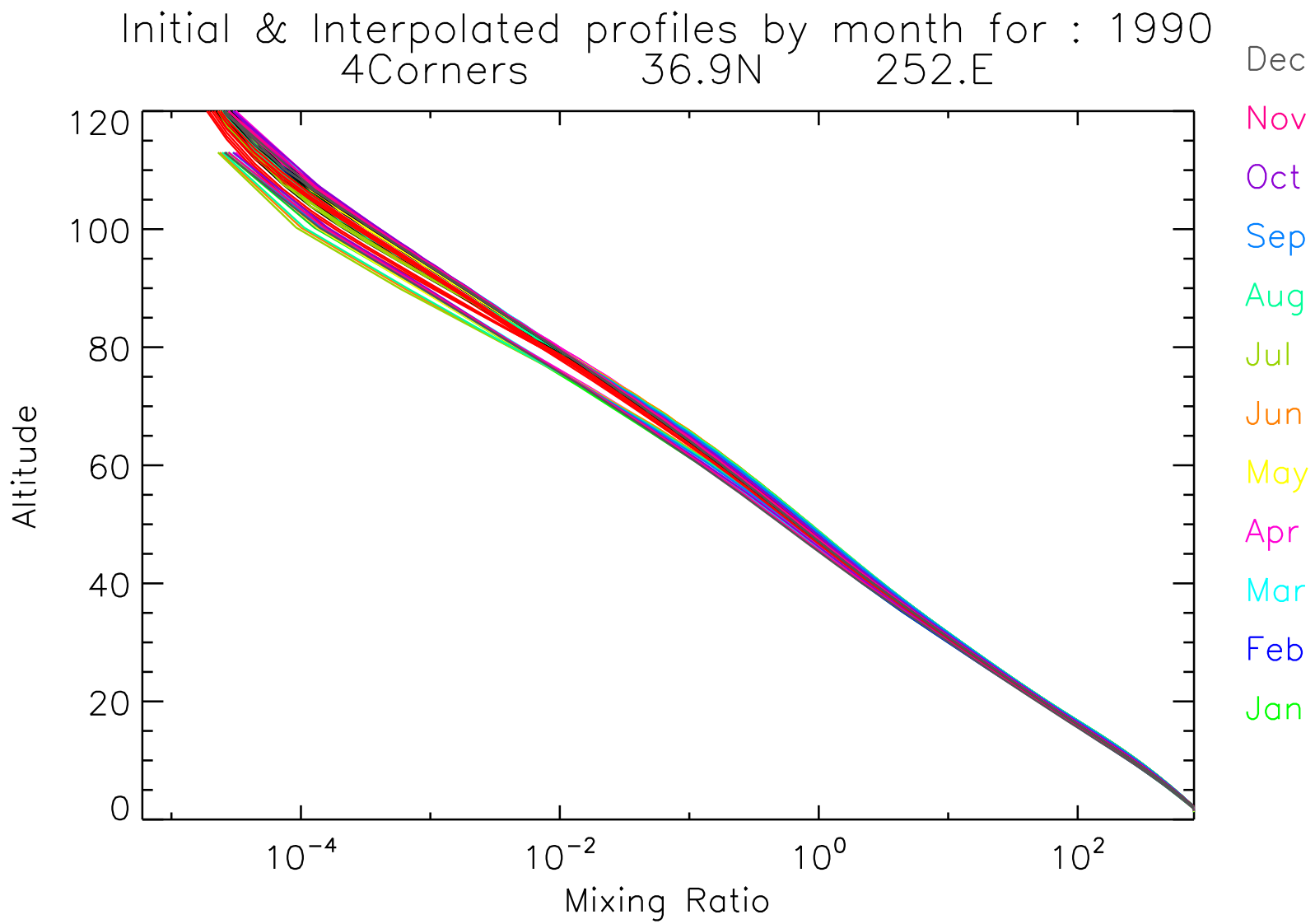
Initial & Interpolated profiles by month for : 1990
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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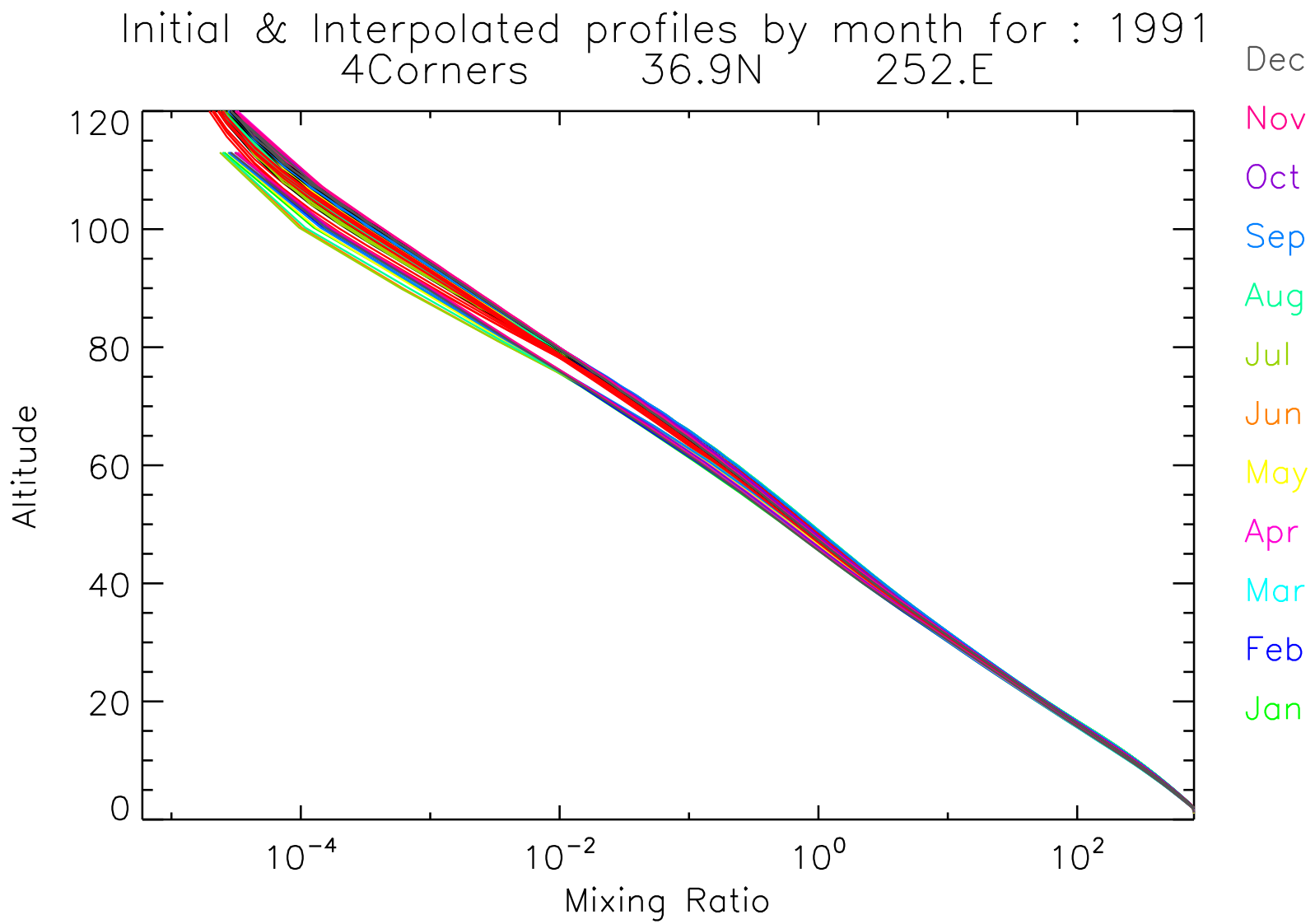
Initial & Interpolated profiles by month for : 1991
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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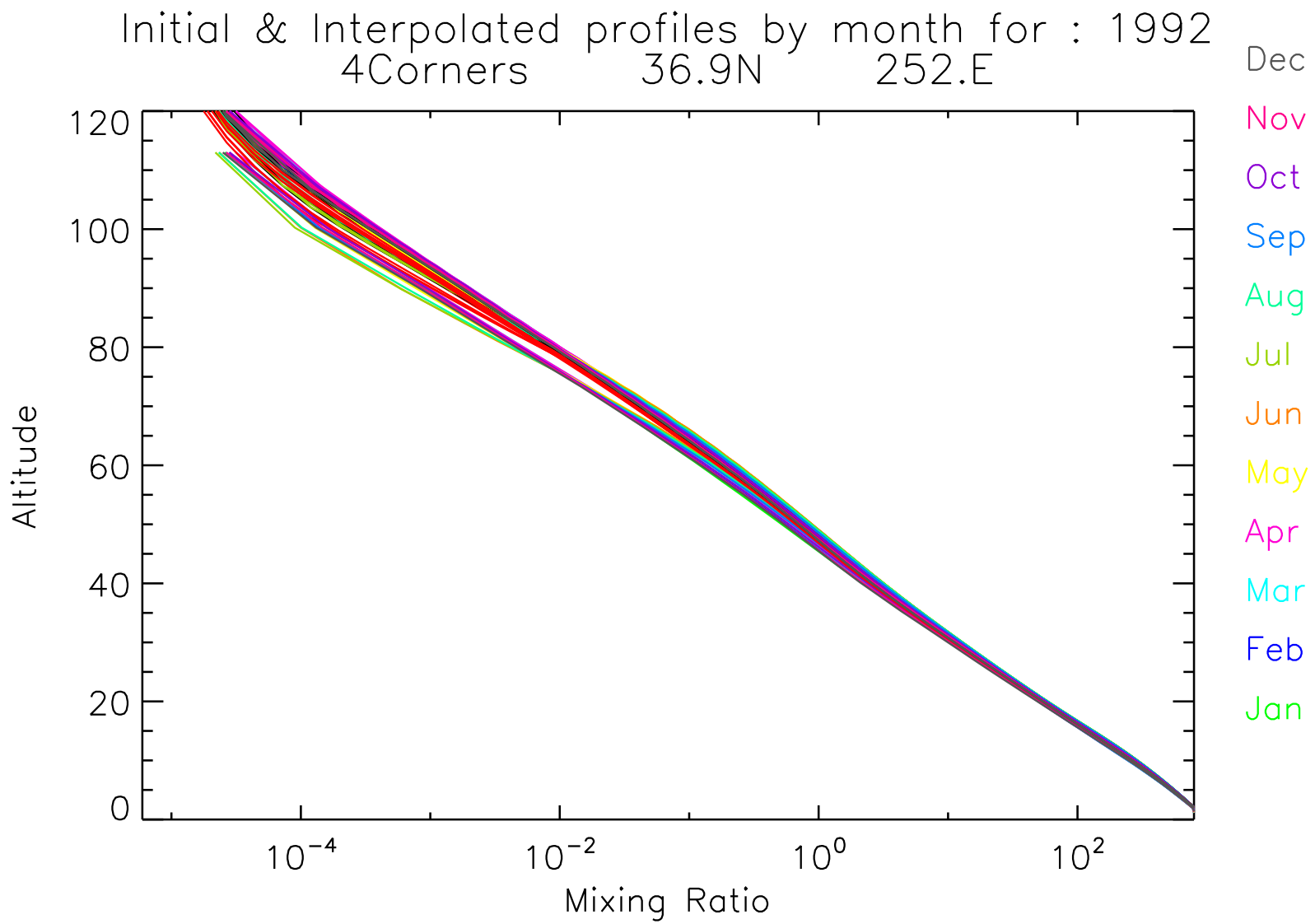
Initial & Interpolated profiles by month for : 1992
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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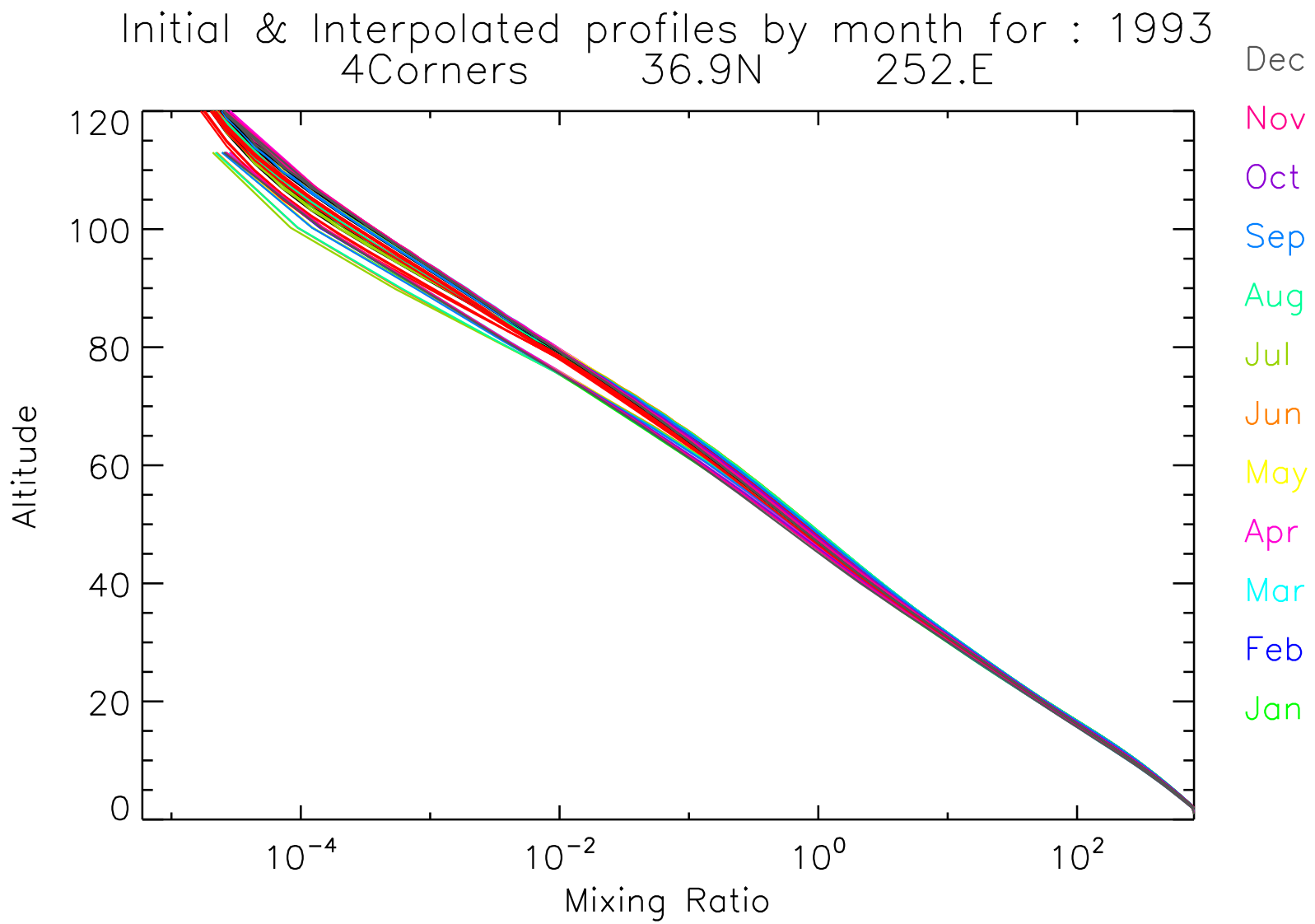
Initial & Interpolated profiles by month for : 1993
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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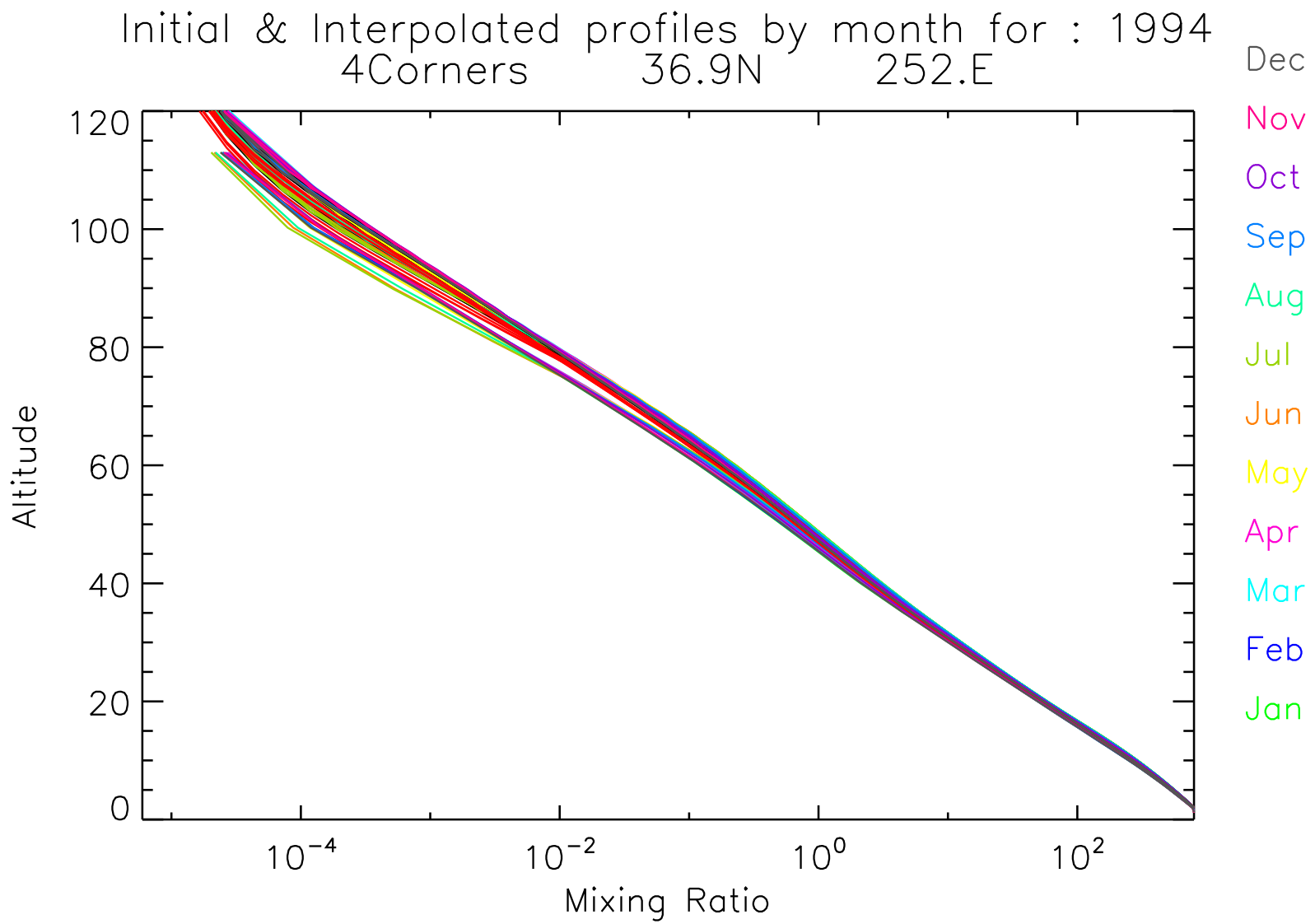
Initial & Interpolated profiles by month for : 1994
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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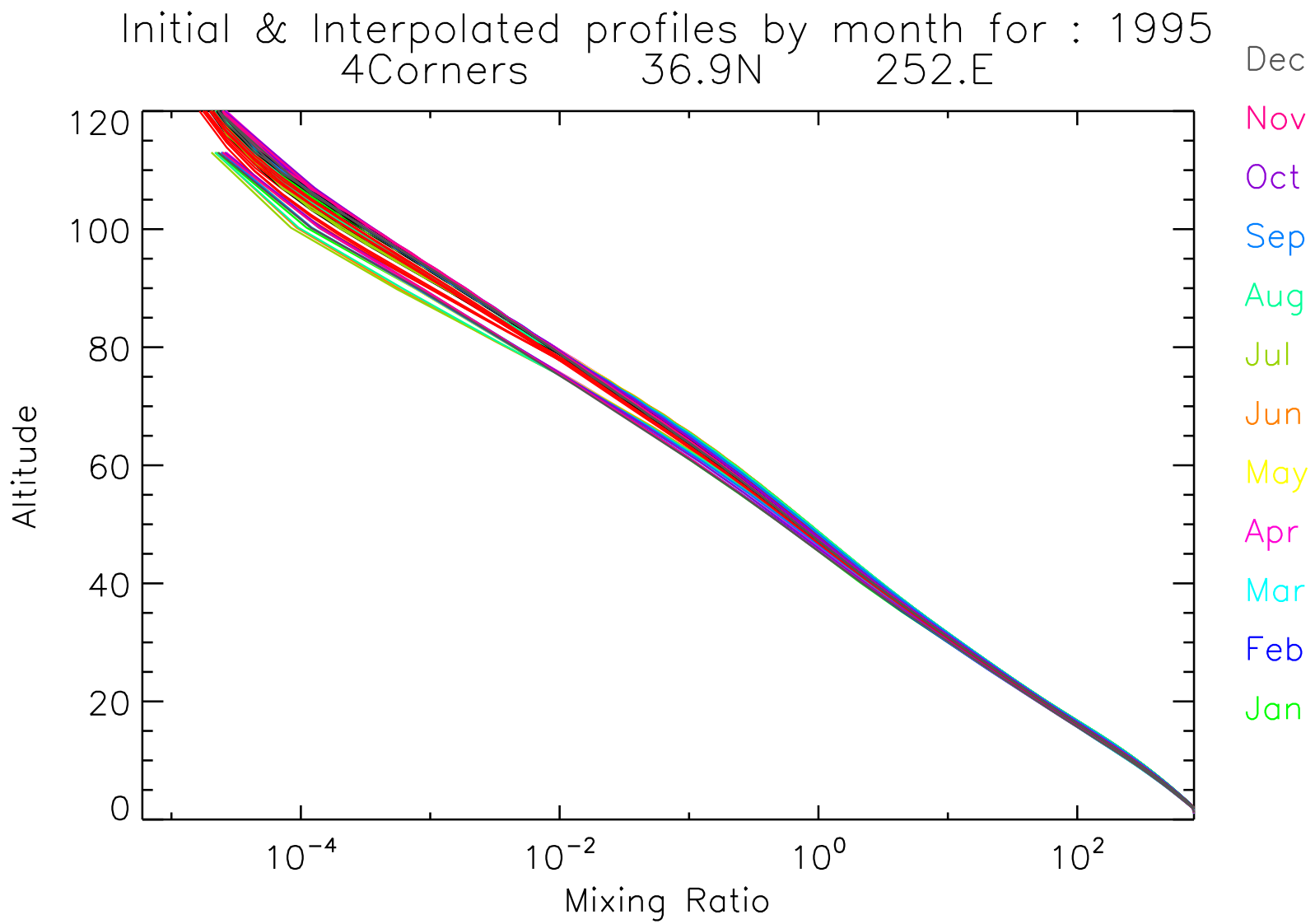
Initial & Interpolated profiles by month for : 1995
4Corners 36.9N 252.E
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Altitude
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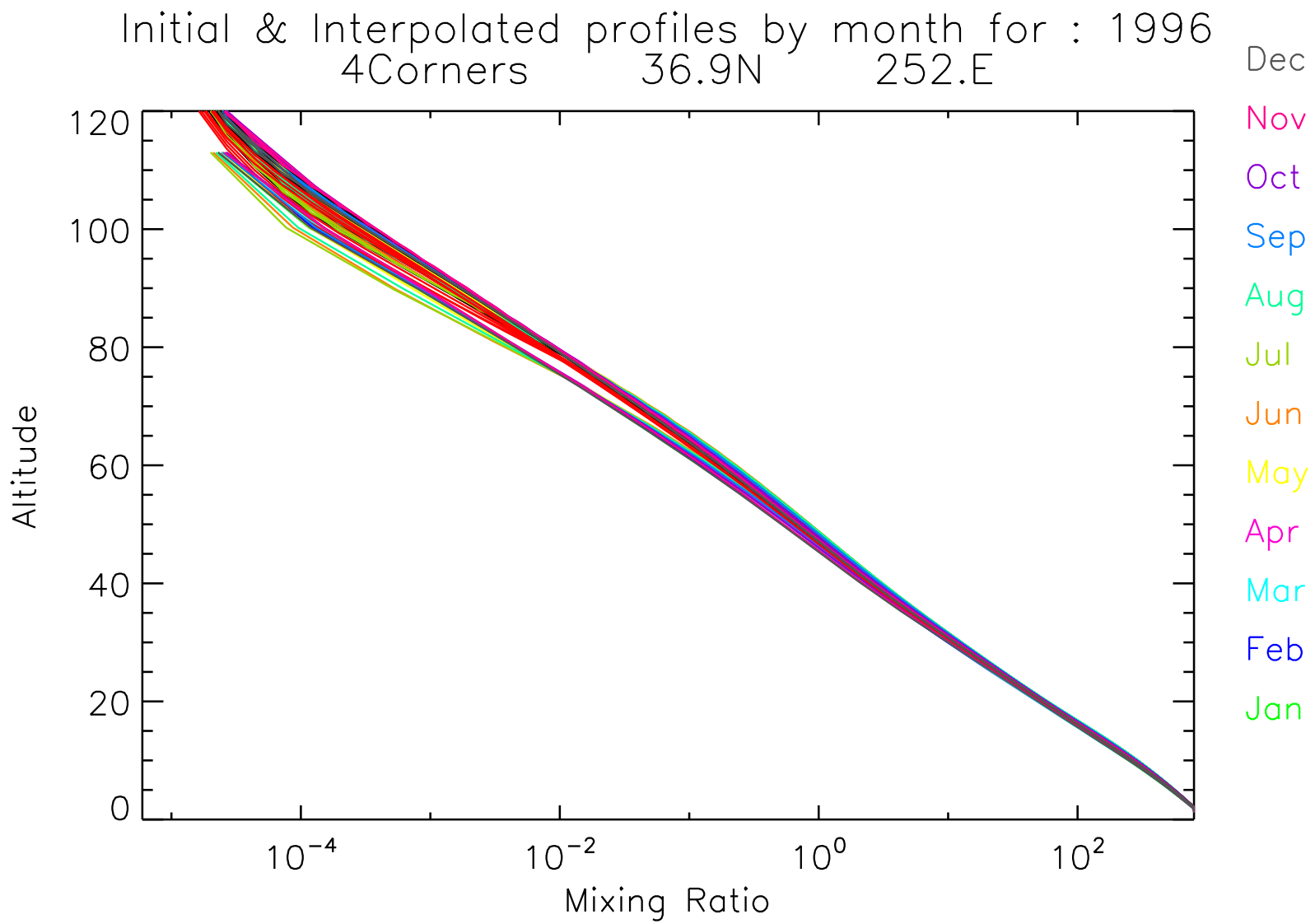
10^{2}
Mixing Ratio


Initial & Interpolated profiles by month for : 1996
4Corners 36.9N 252.E
Altitude
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10^{-4}
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Mixing Ratio
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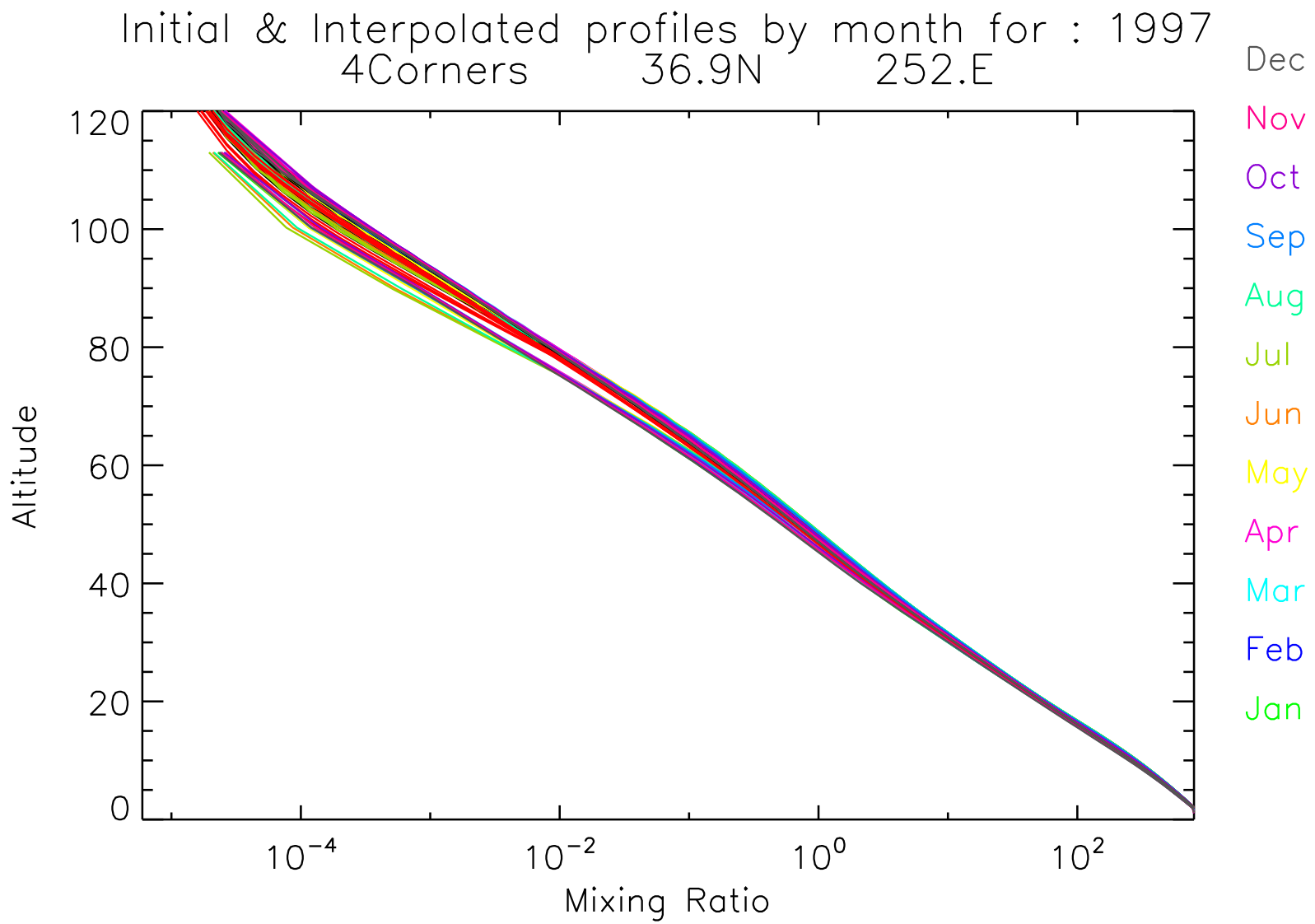
Initial & Interpolated profiles by month for : 1997
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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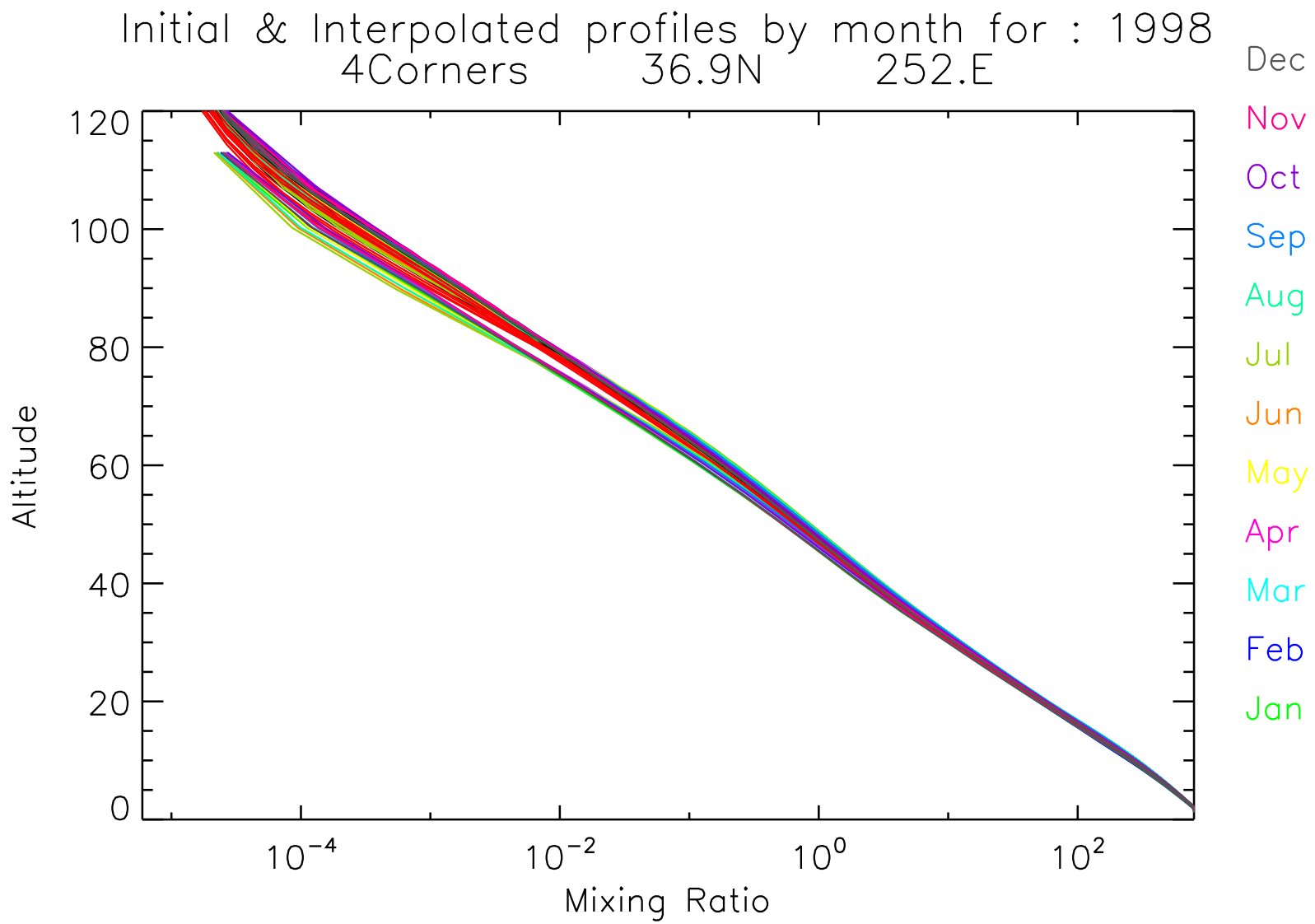
Initial & Interpolated profiles by month for : 1998
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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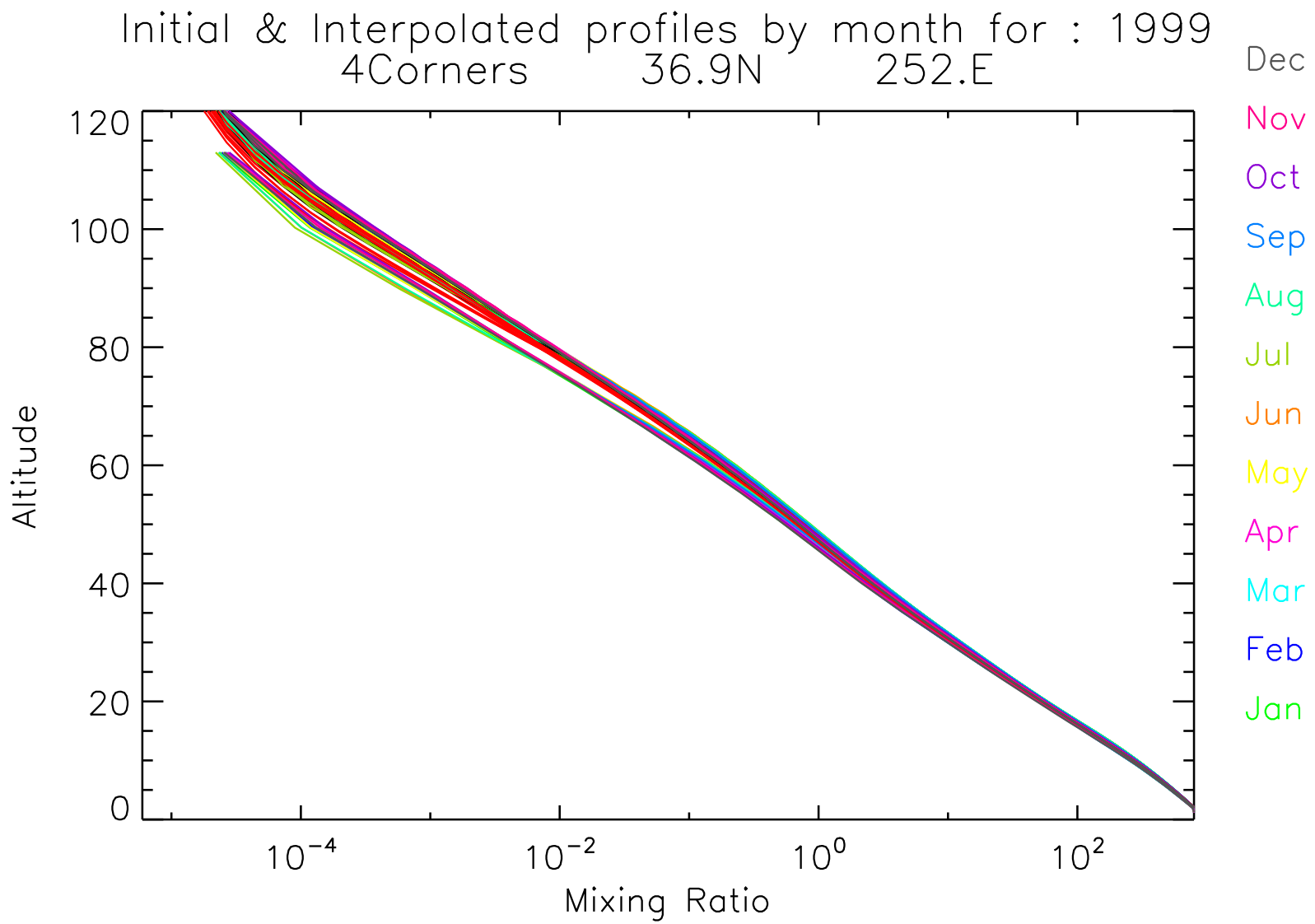
Initial & Interpolated profiles by month for : 1999
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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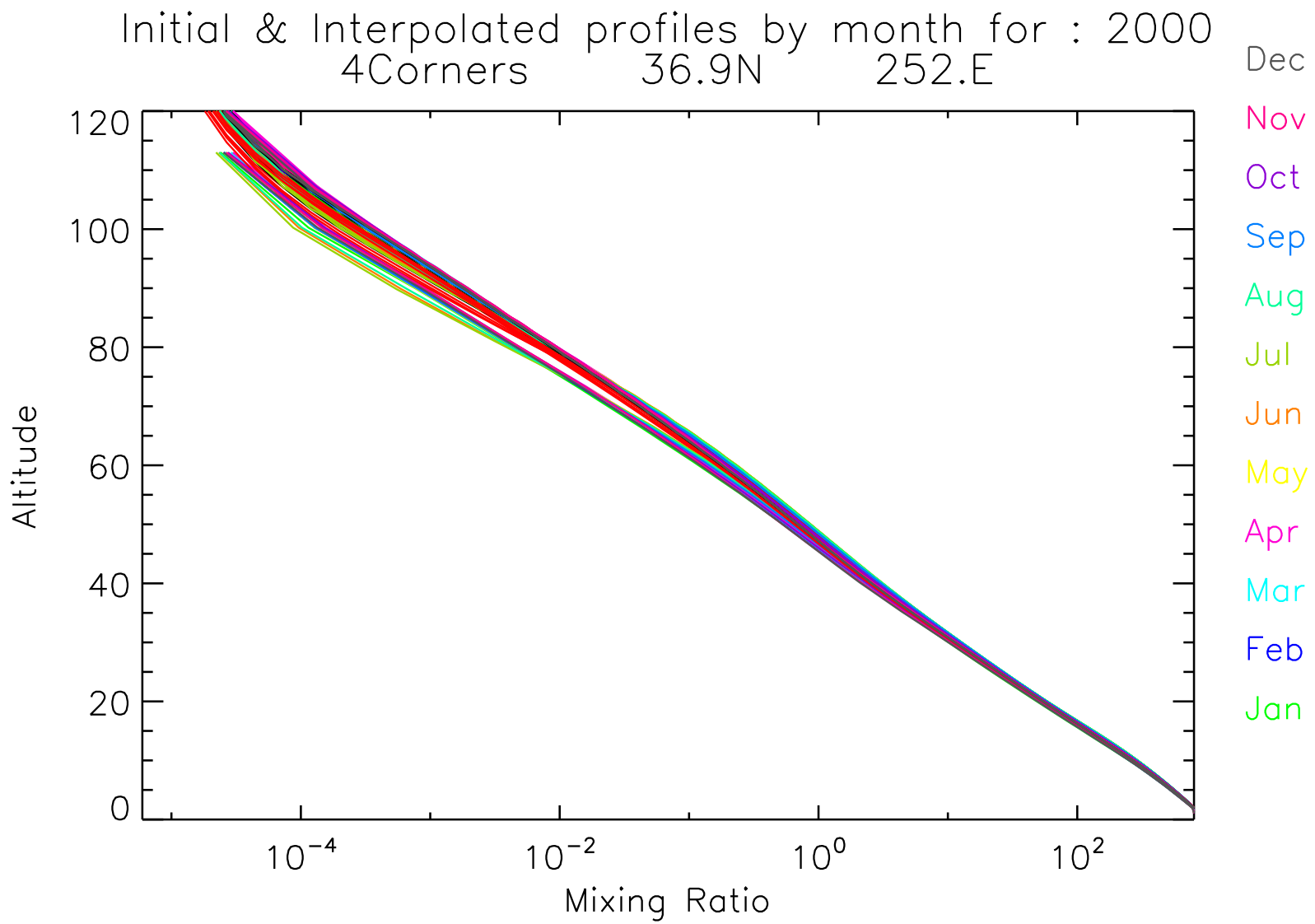
Initial & Interpolated profiles by month for : 2000
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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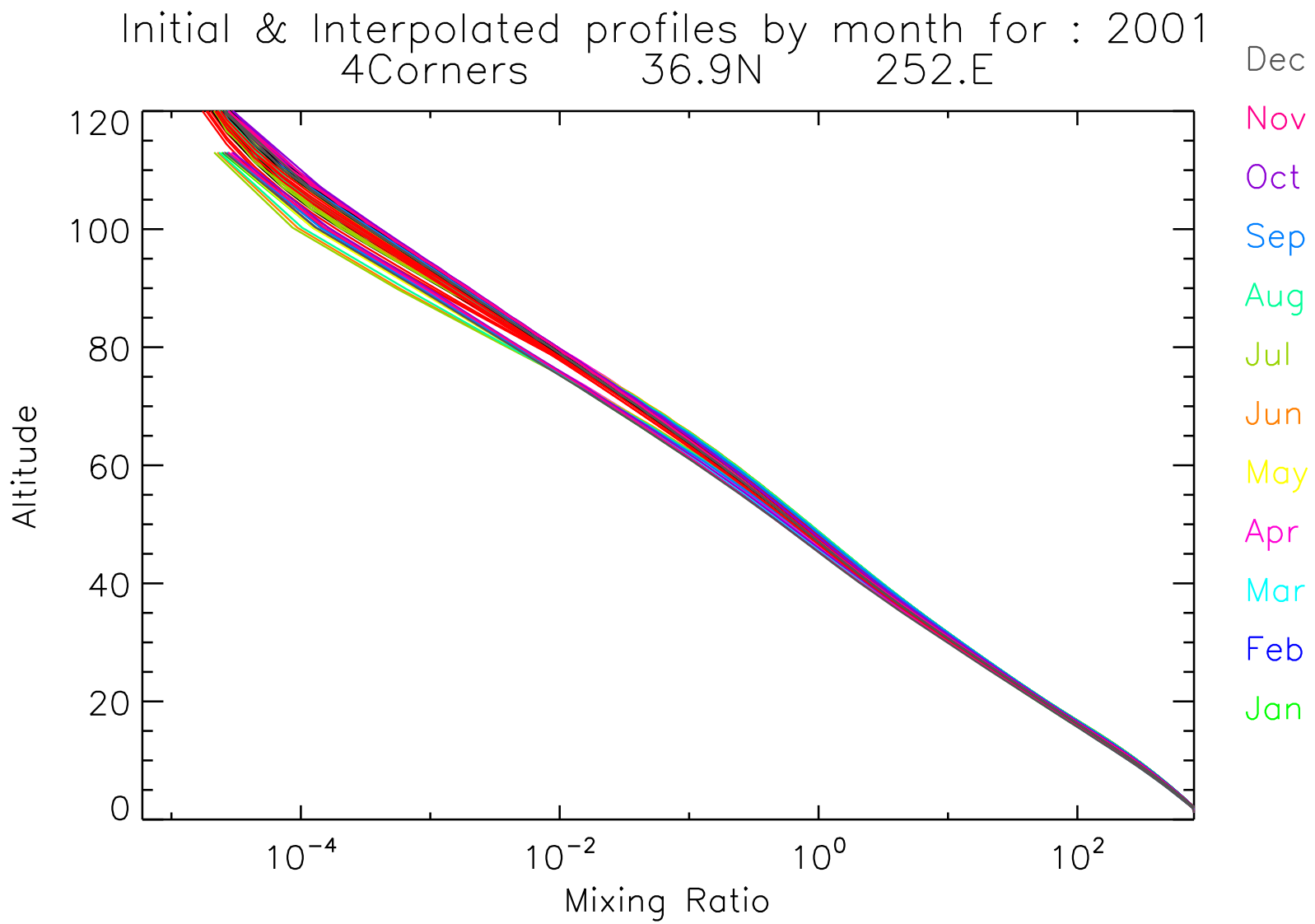
Initial & Interpolated profiles by month for : 2001
4Corners 36.9N 252.E
Altitude
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10^{-4}
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10^{2}
Mixing Ratio
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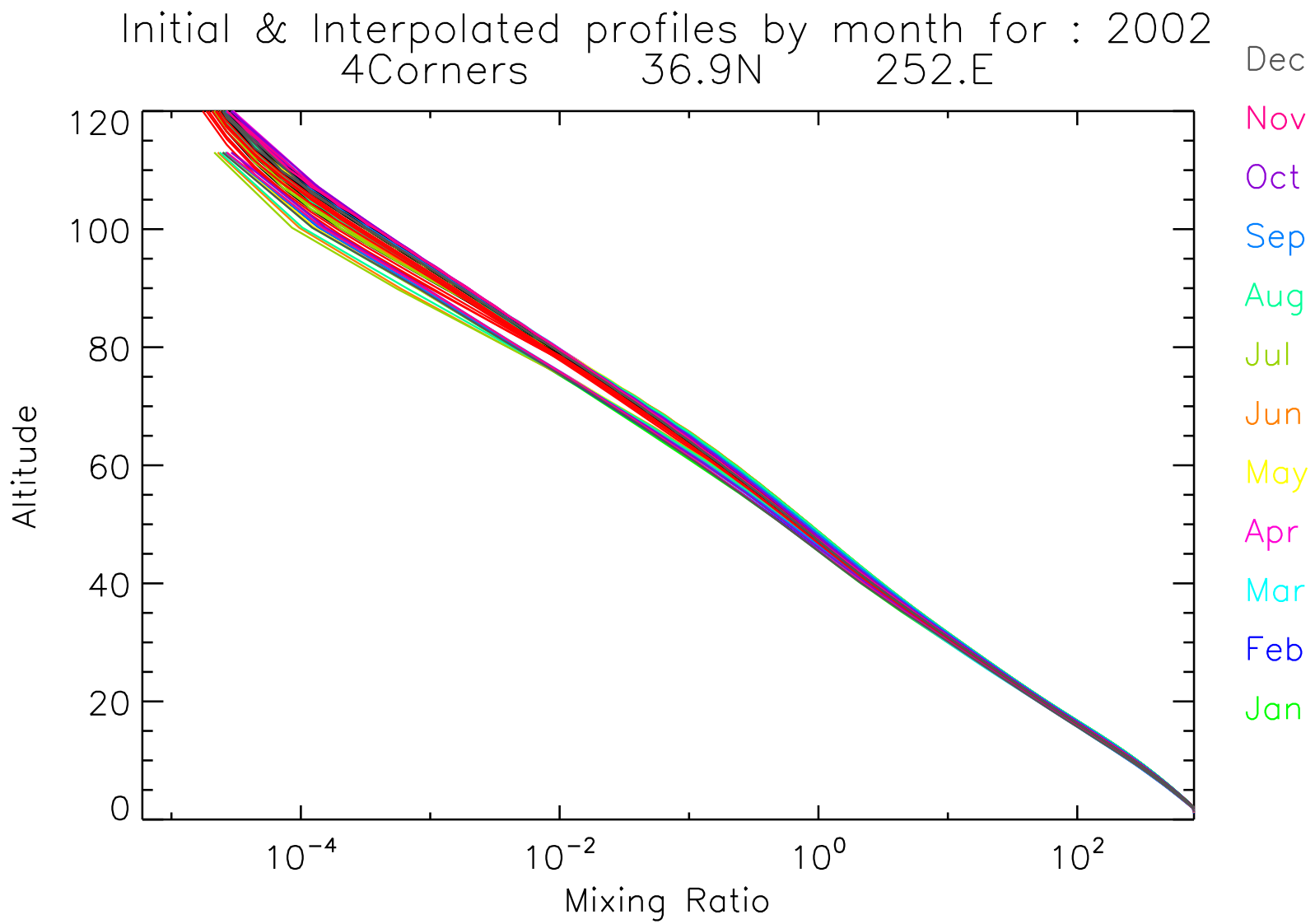
Initial & Interpolated profiles by month for : 2002
4Corners 36.9N 252.E
Altitude
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10^{2}
Mixing Ratio
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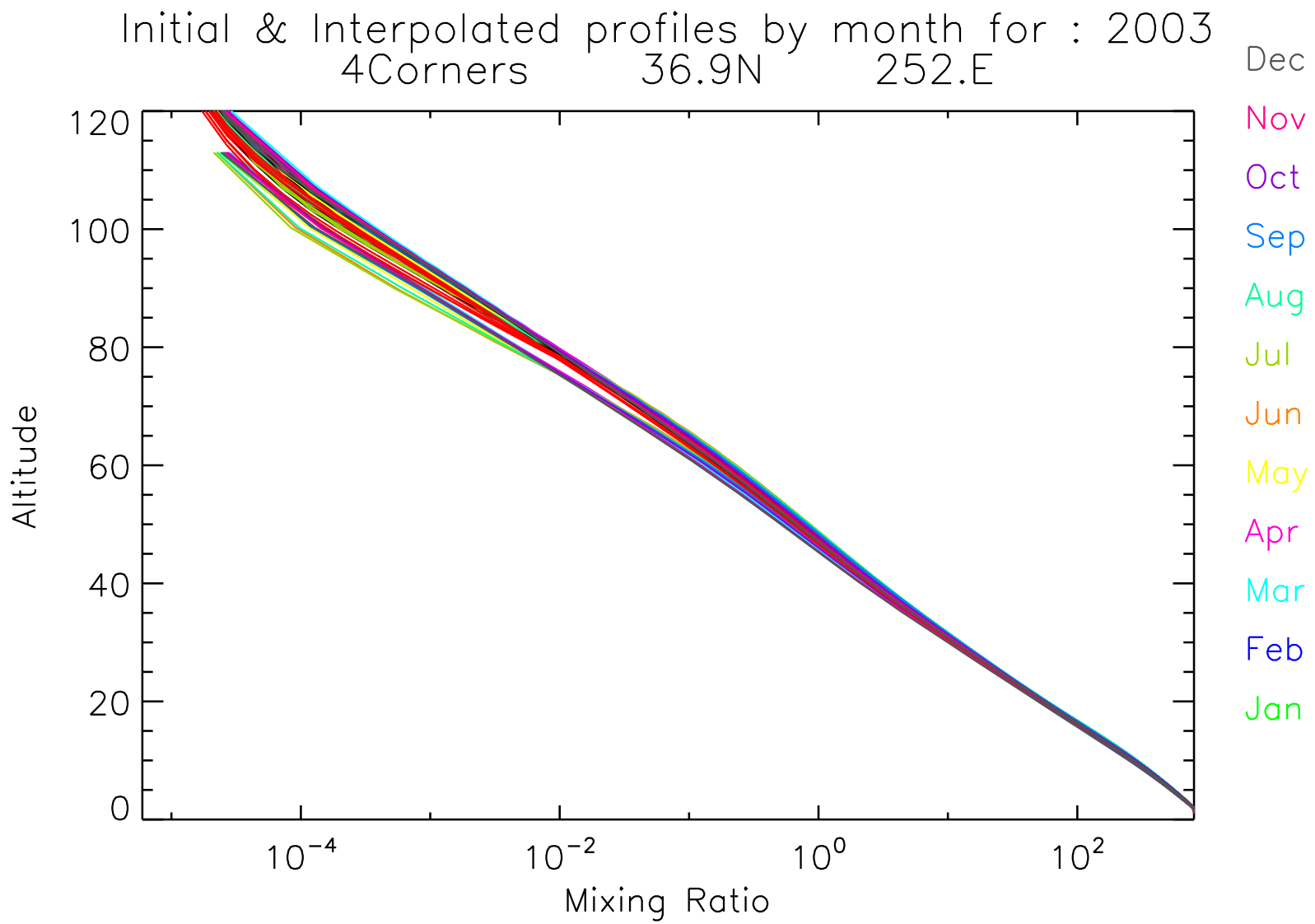
Initial & Interpolated profiles by month for : 2003
4Corners 36.9N 252.E
Altitude
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10^{-4}
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Mixing Ratio
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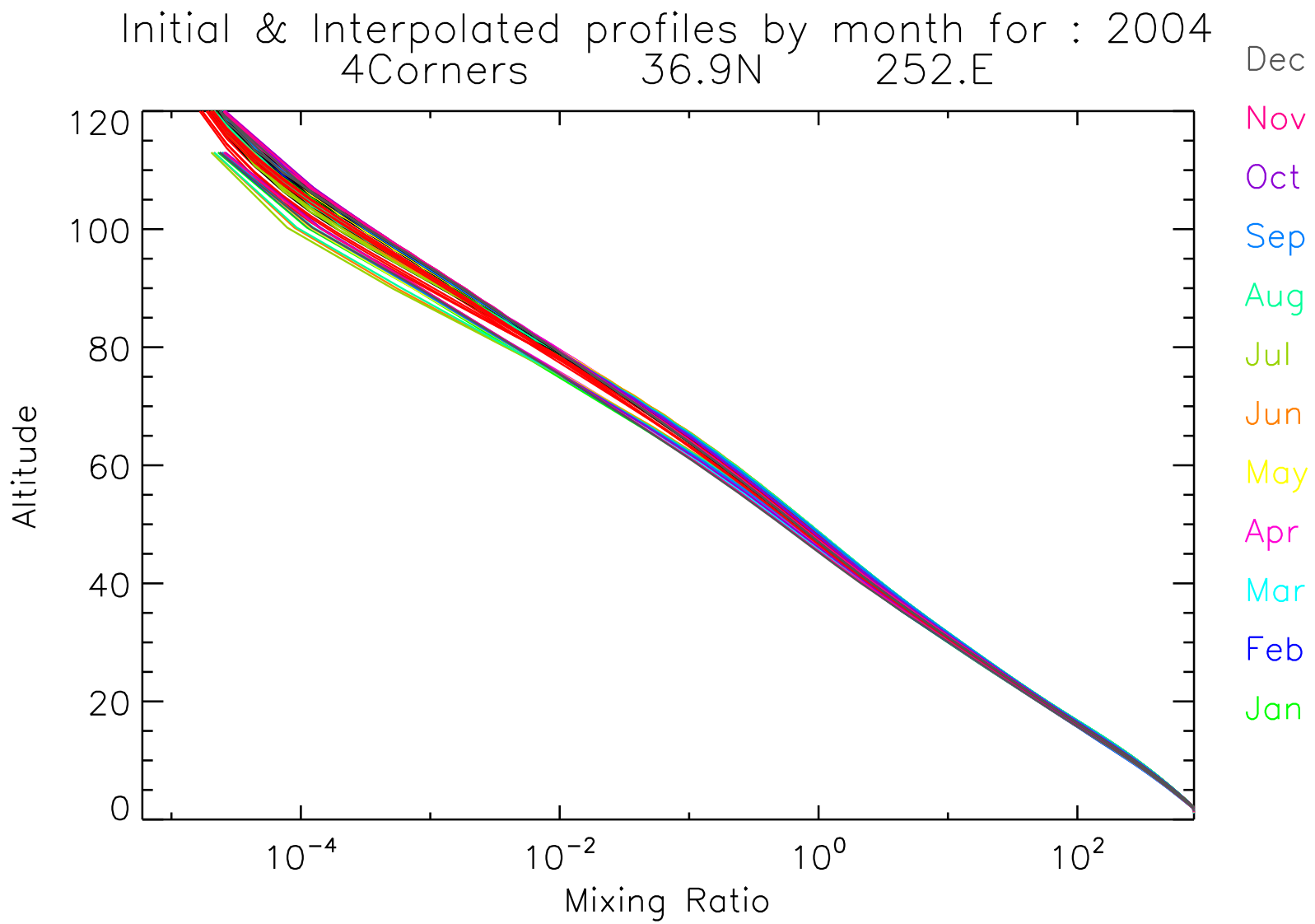
Initial & Interpolated profiles by month for : 2004
4Corners 36.9N 252.E
Altitude
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10^{-4}
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Mixing Ratio
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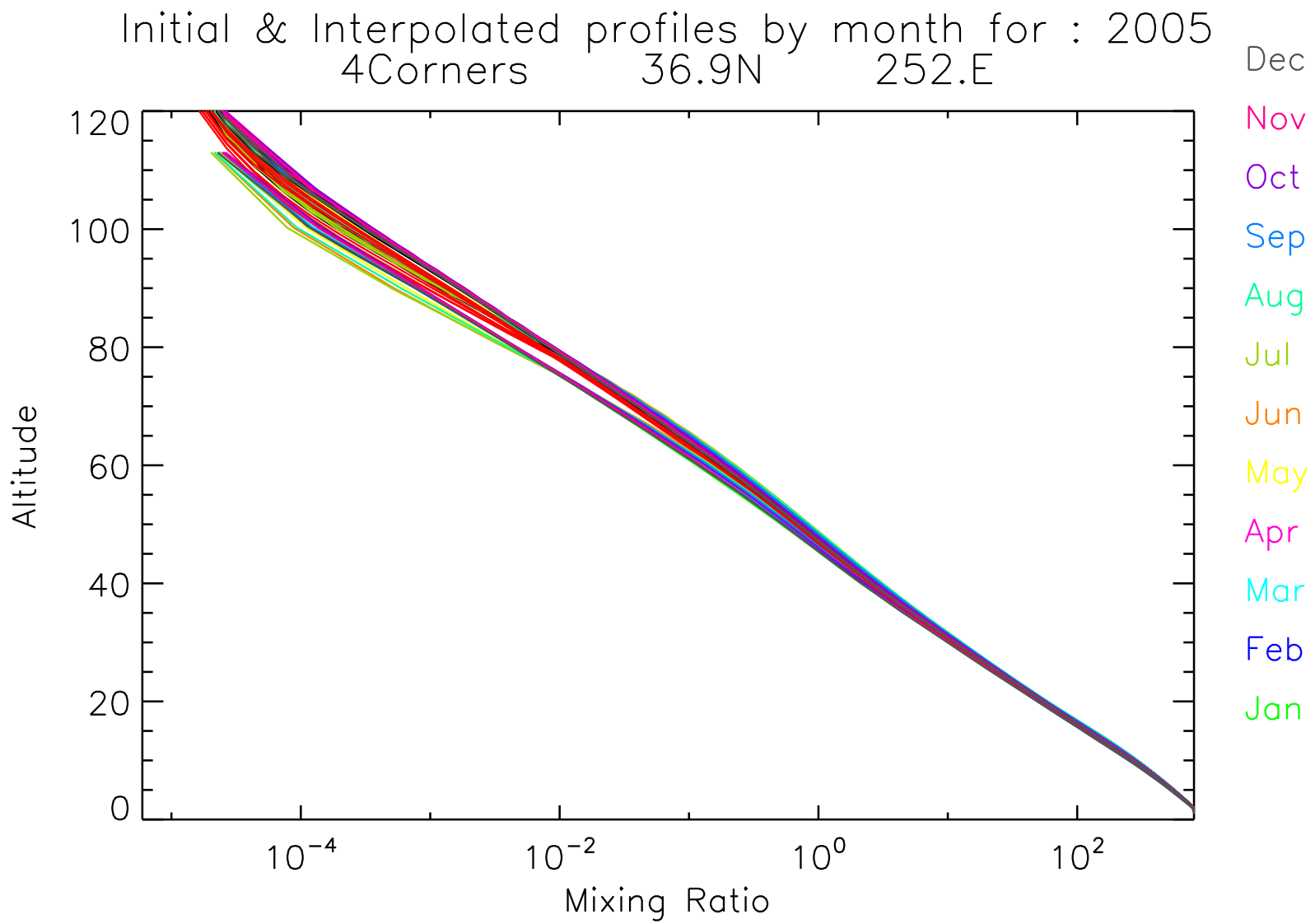
Initial & Interpolated profiles by month for : 2005
4Corners 36.9N 252.E
Altitude
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10^{-4}
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Mixing Ratio
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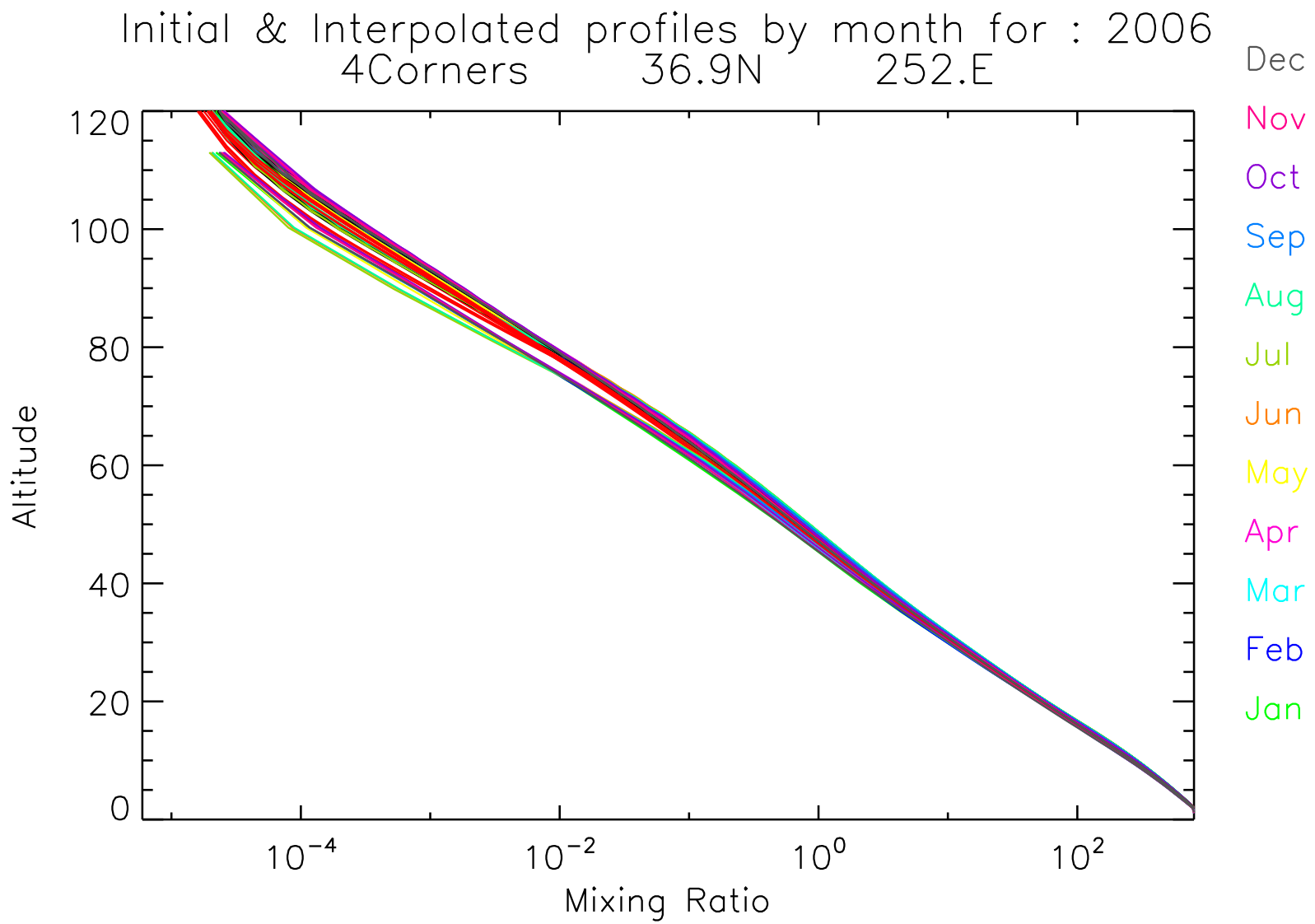
Initial & Interpolated profiles by month for : 2006
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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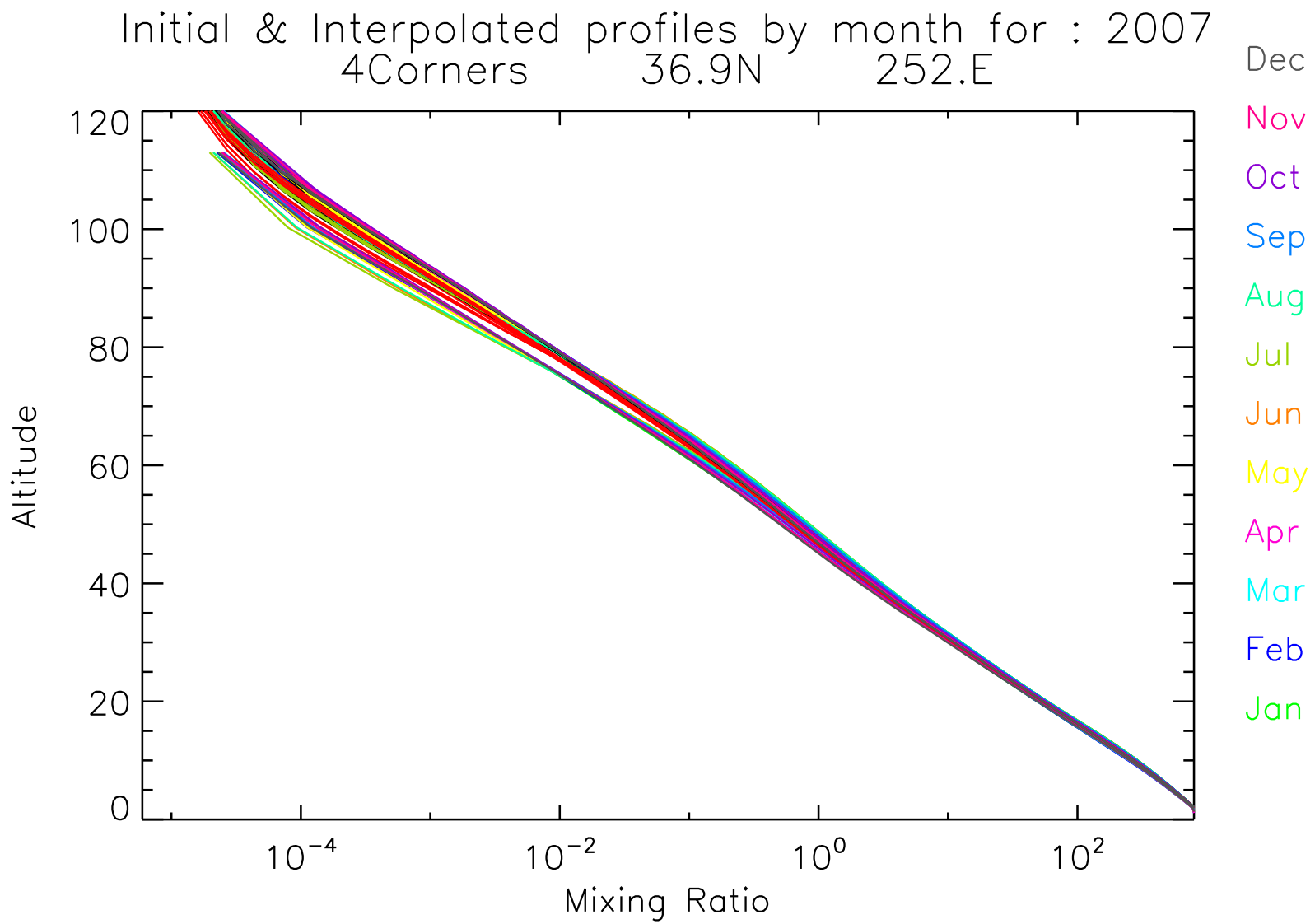
Initial & Interpolated profiles by month for : 2007
4Corners 36.9N 252.E
Altitude
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10^{-4}
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Mixing Ratio
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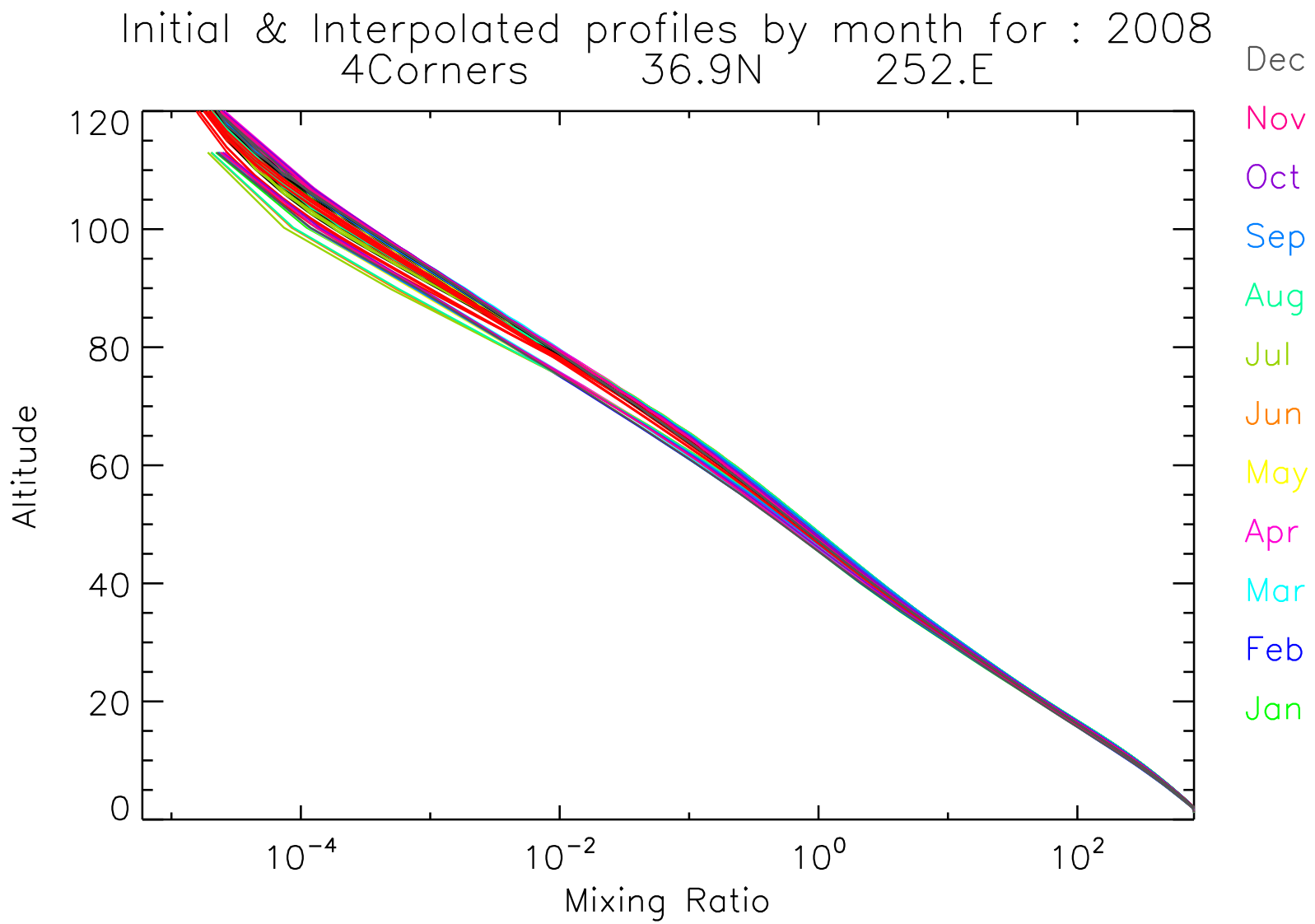
Initial & Interpolated profiles by month for : 2008
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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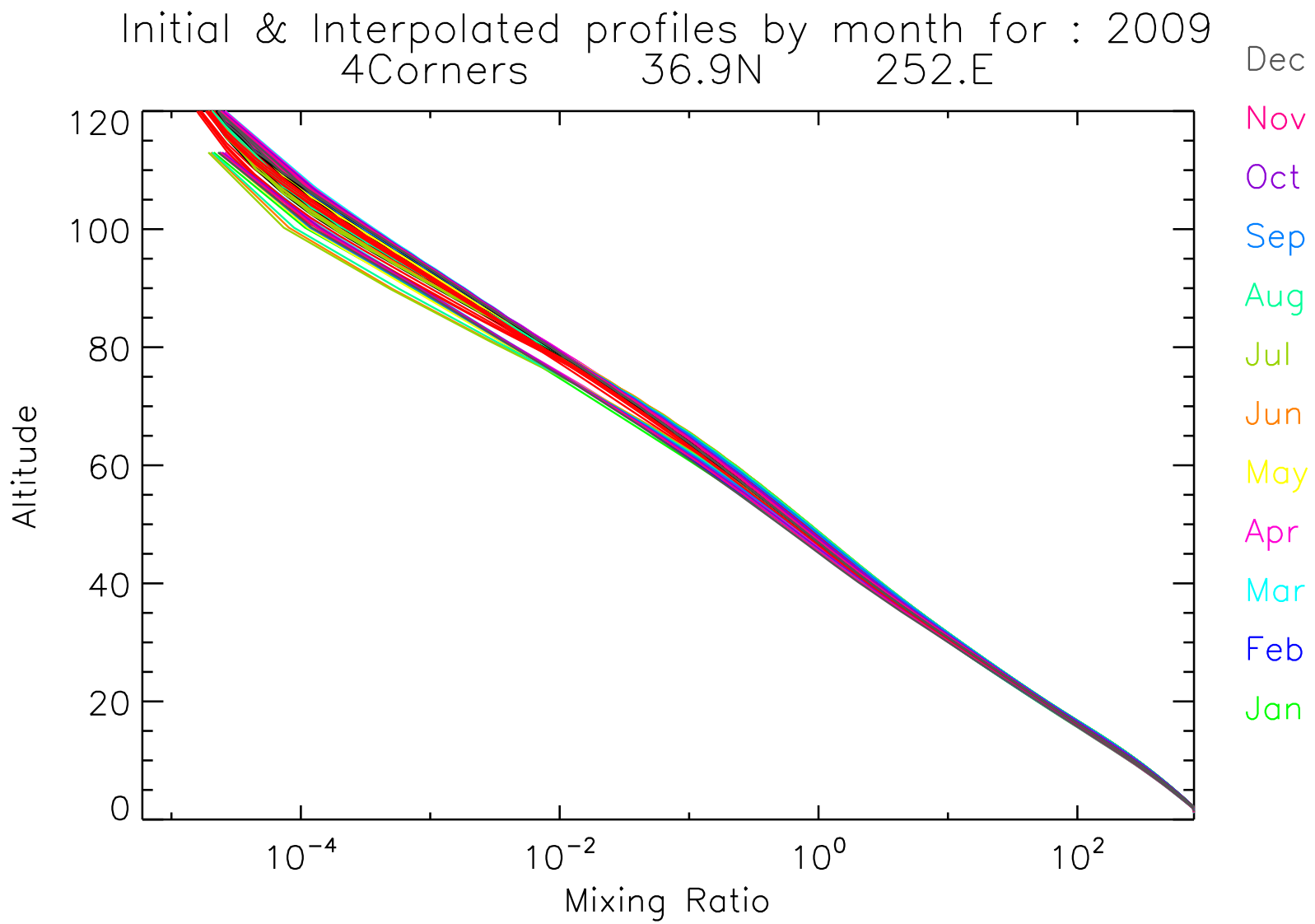
Initial & Interpolated profiles by month for : 2009
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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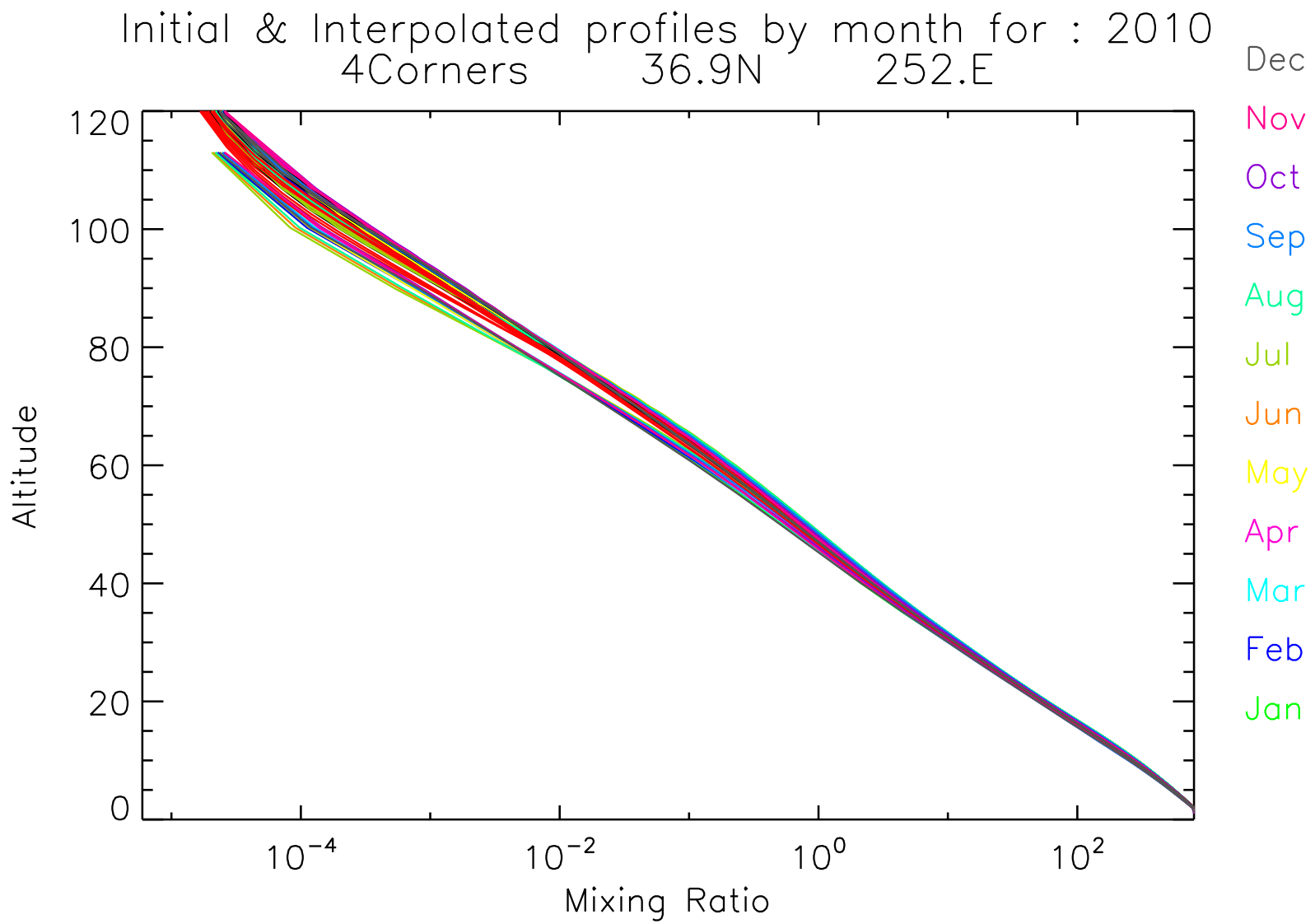
Initial & Interpolated profiles by month for : 2010
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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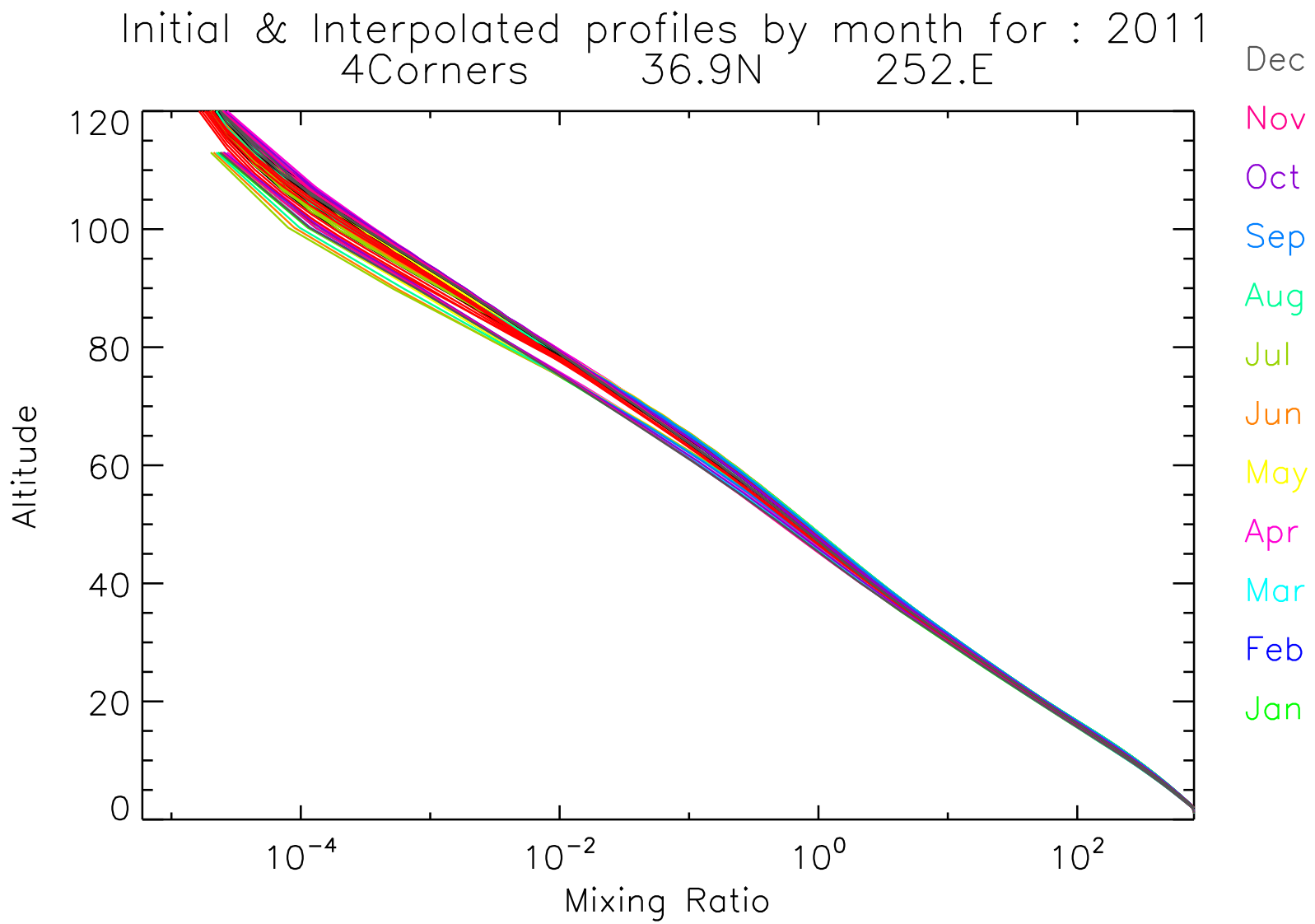
Initial & Interpolated profiles by month for : 2011
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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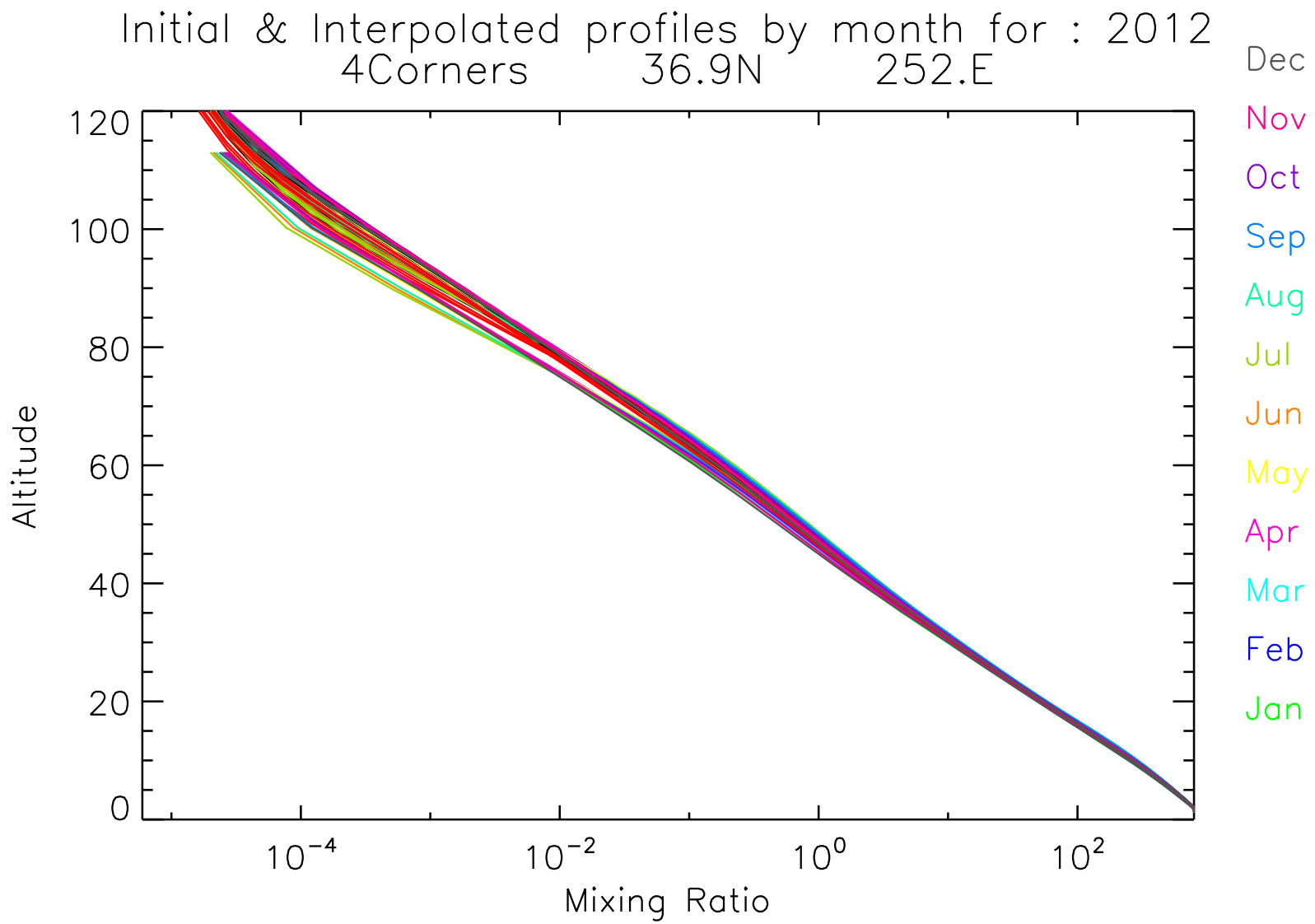
Initial & Interpolated profiles by month for : 2012
4Corners 36.9N 252.E
Altitude
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Mixing Ratio
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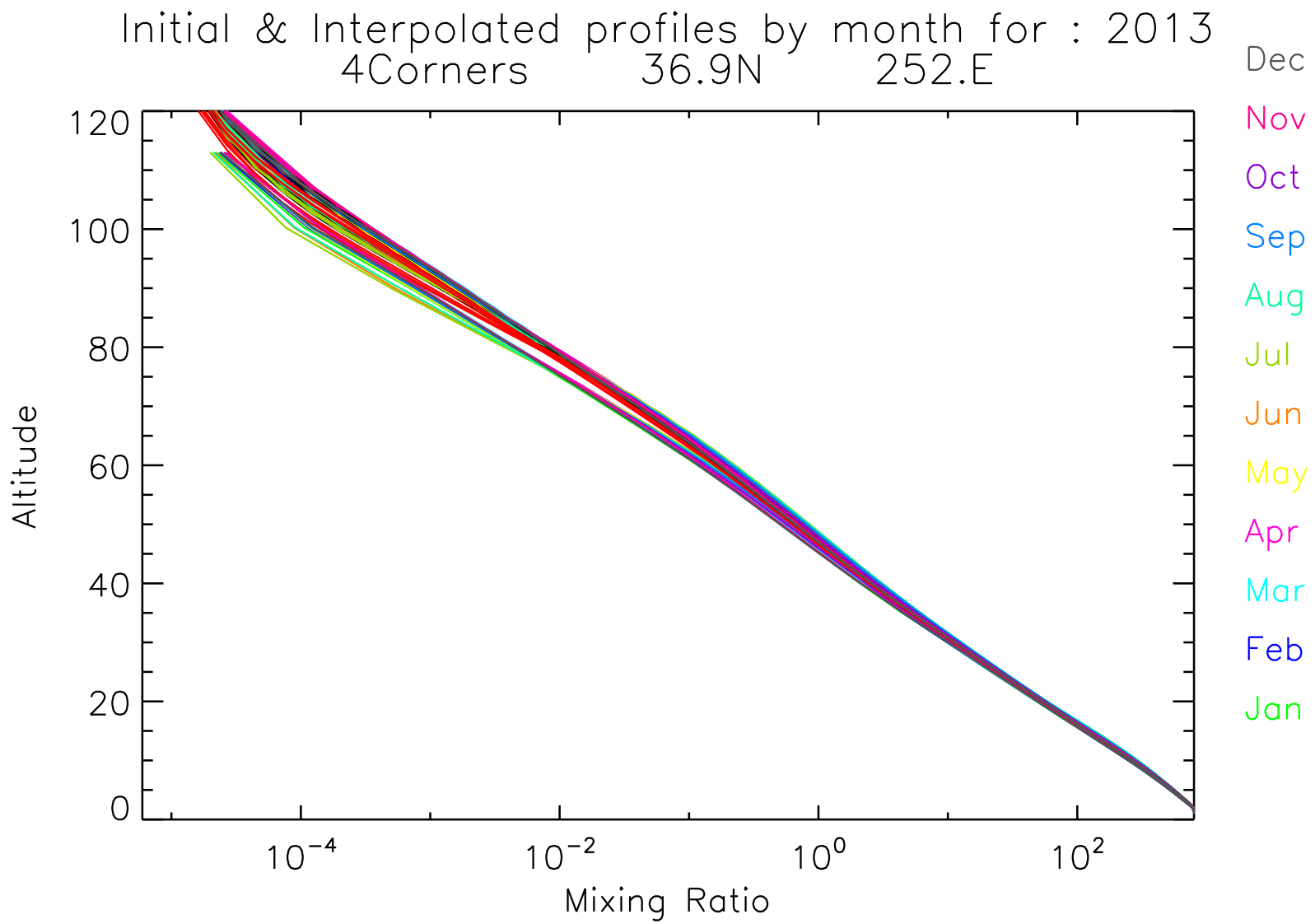
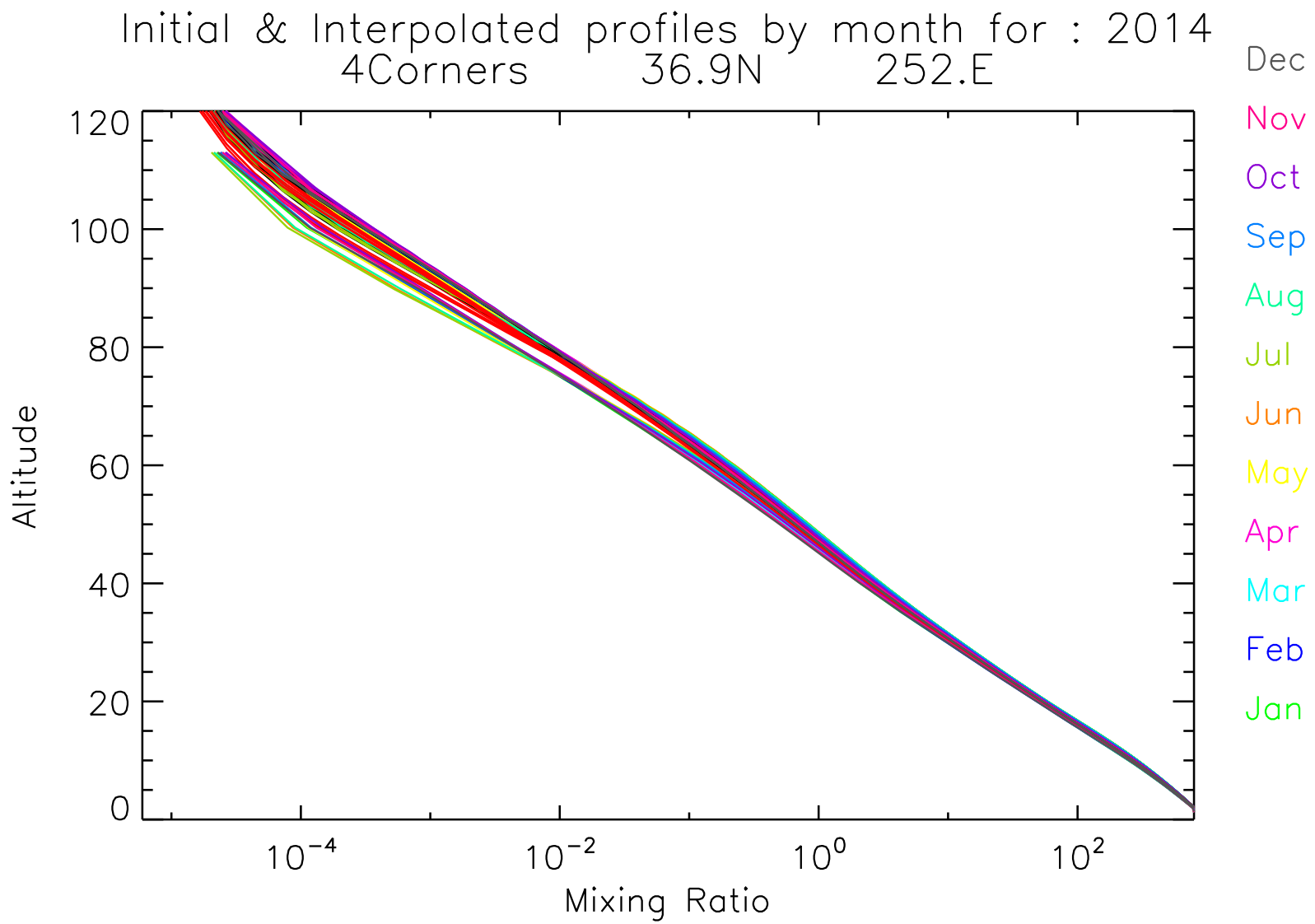
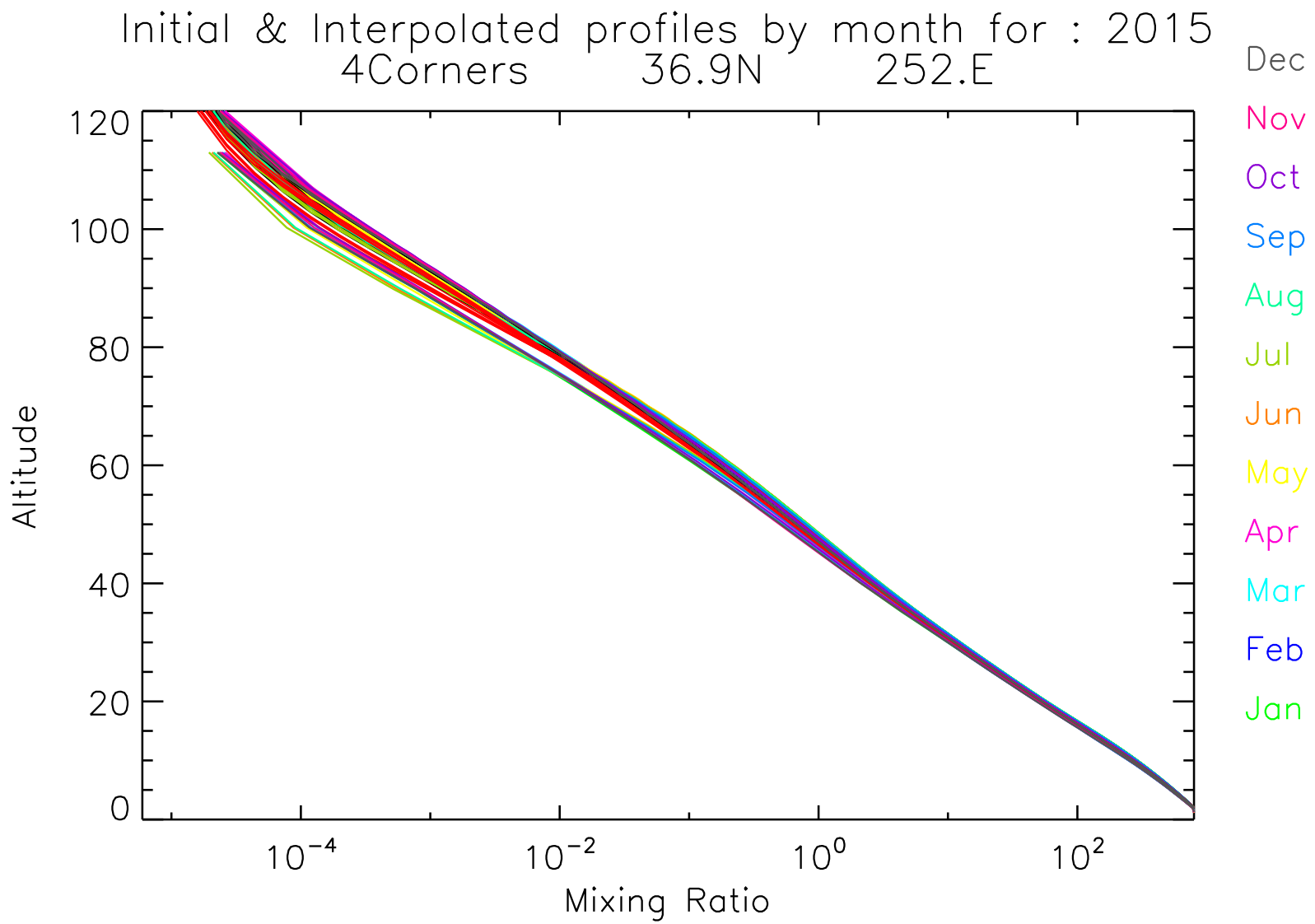
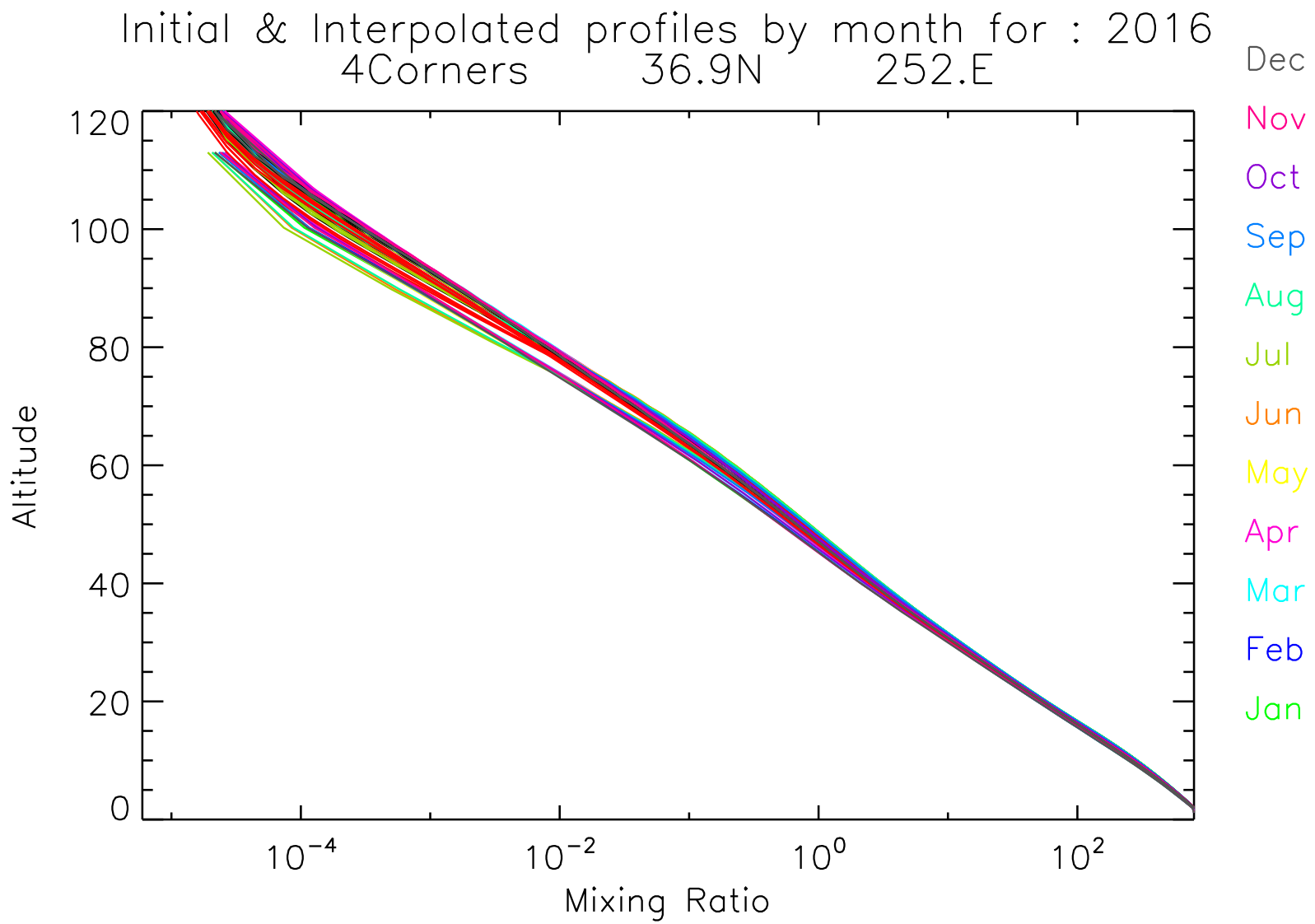
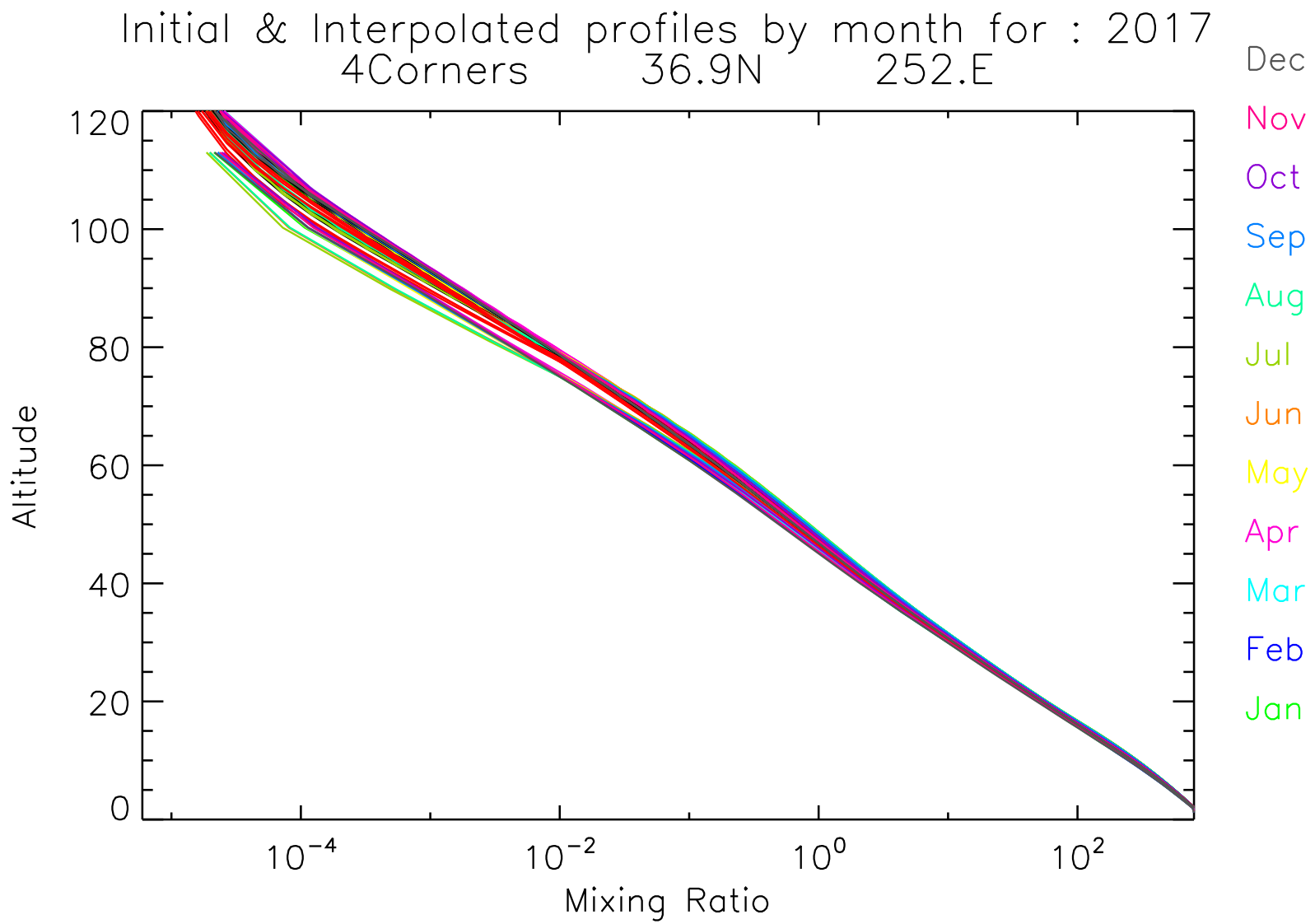
Apr
Mar
Feb
Jan

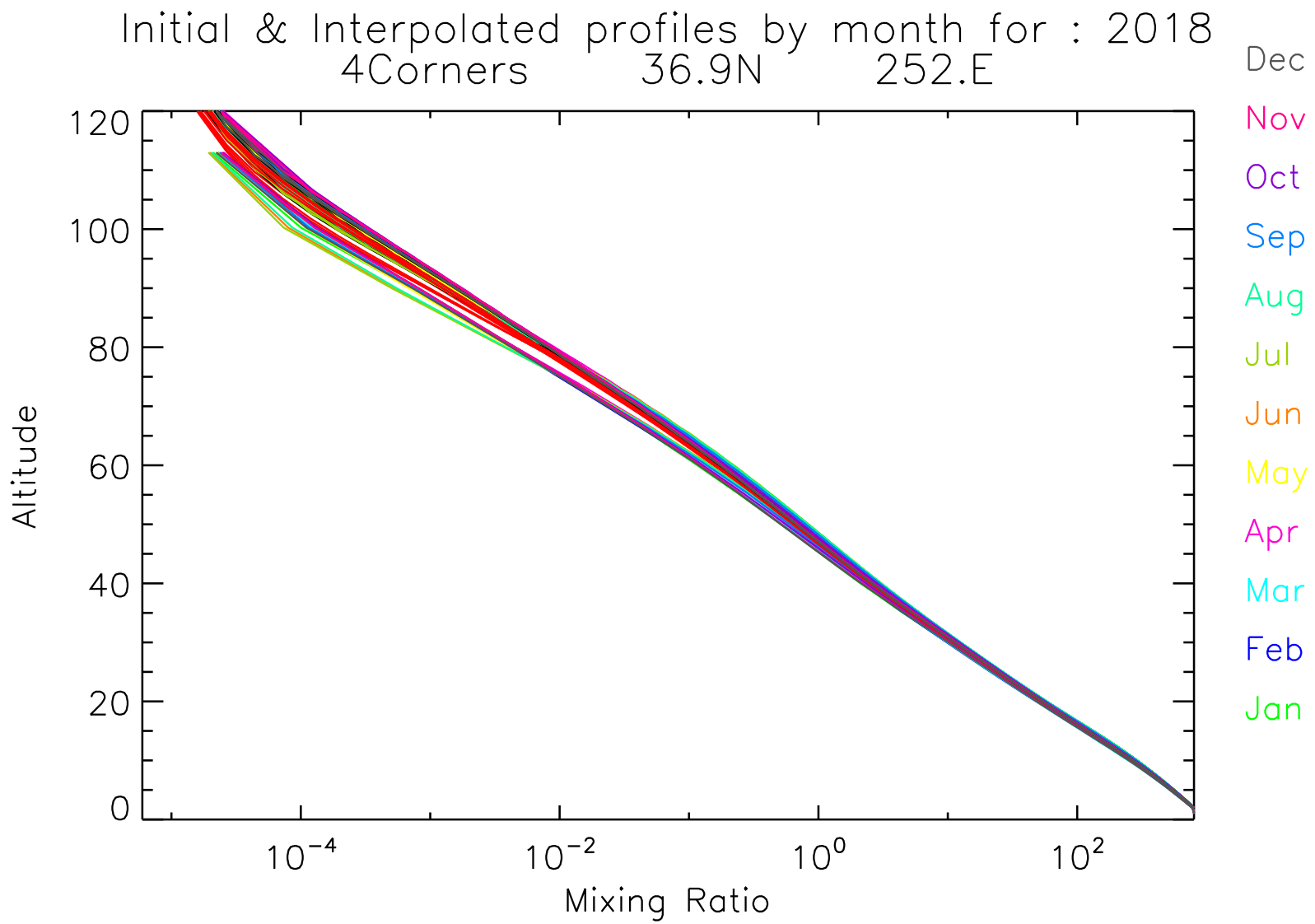

Initial & Interpolated profiles by month for : 2013
4Corners 36.9N 252.E
Altitude
120
100
80
60
40
20
0
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

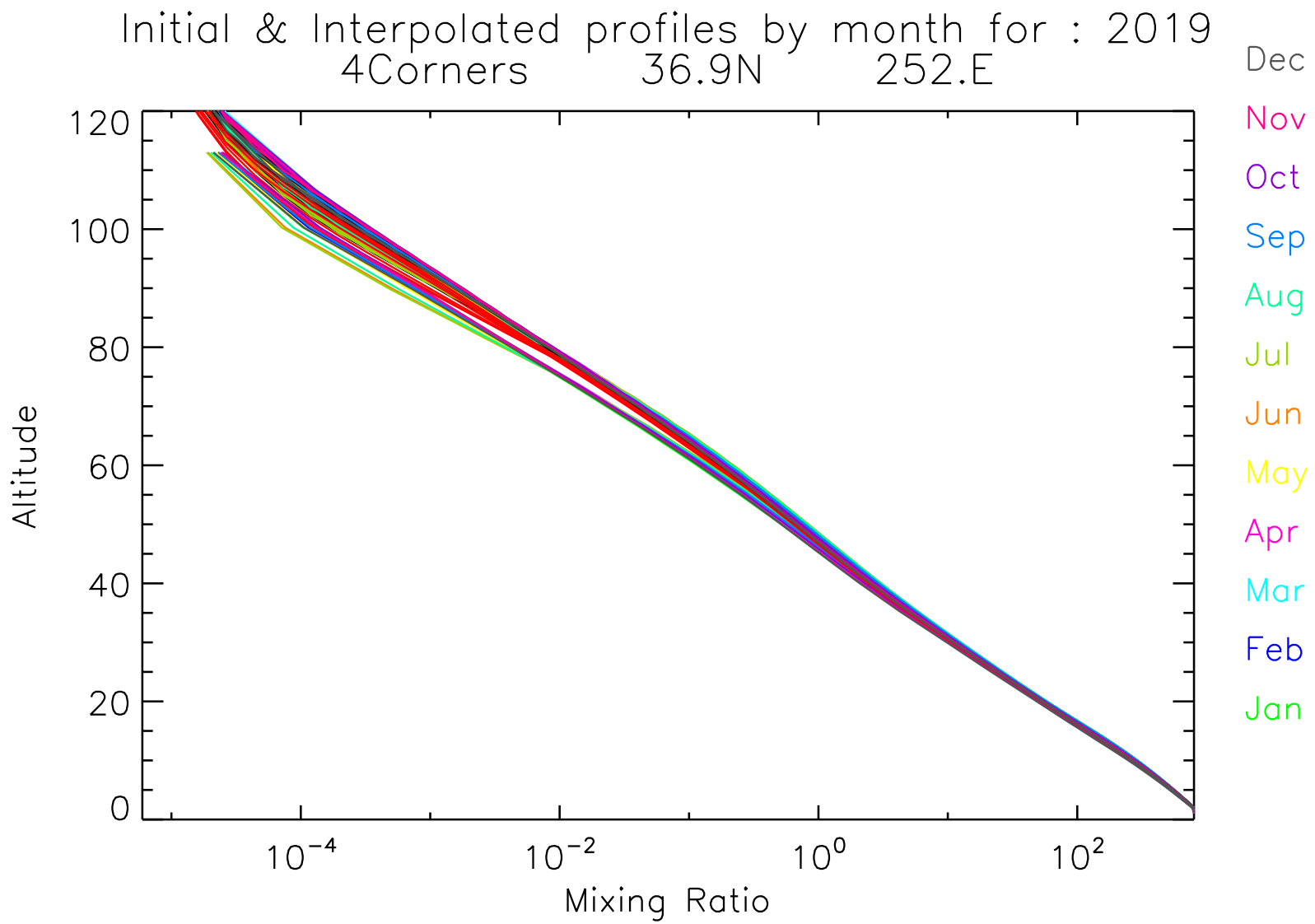

Initial & Interpolated profiles by month for : 2014
4Corners 36.9N 252.E
Altitude
120
100
80
60
40
20
0
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

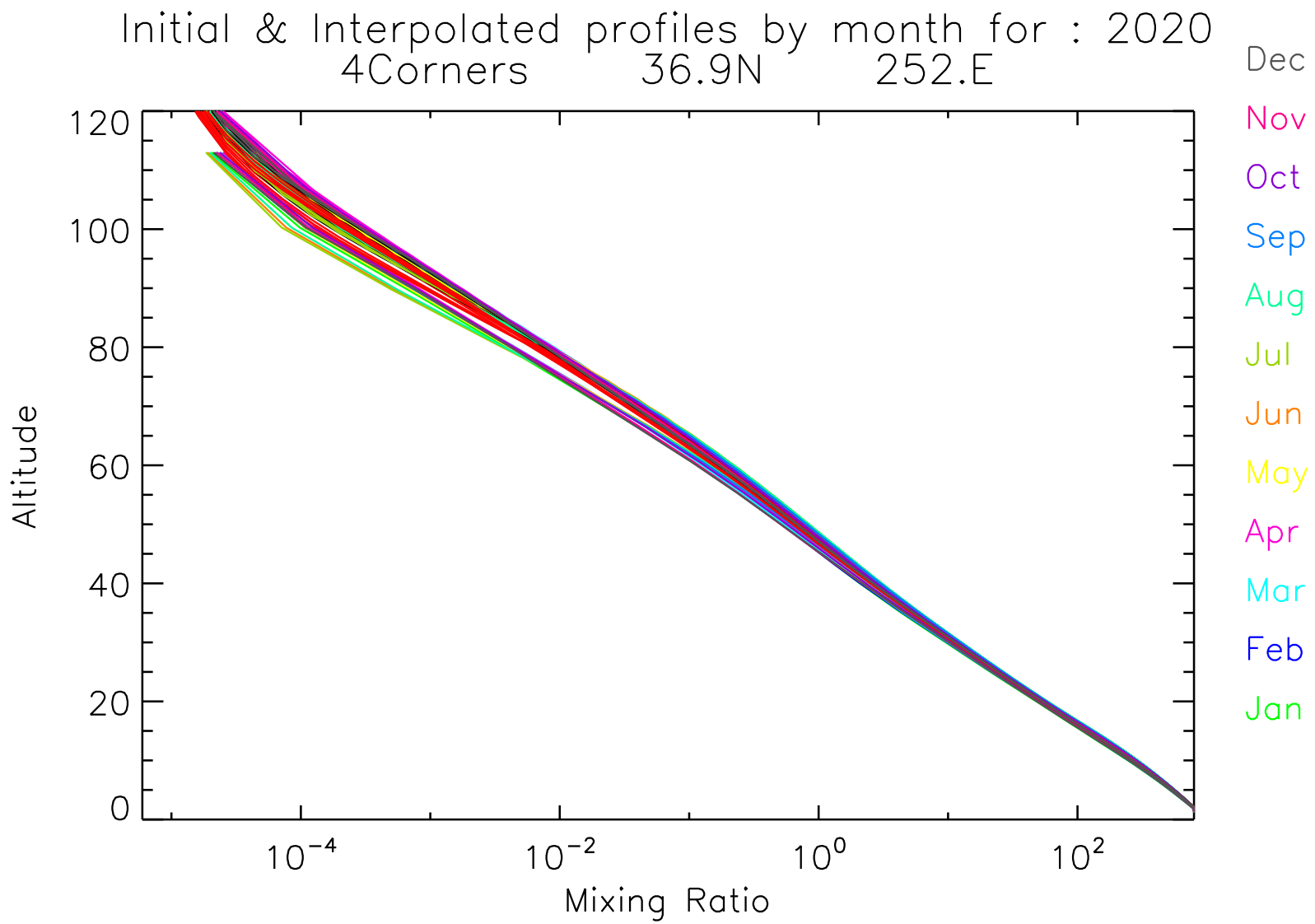

Initial & Interpolated profiles by month for : 2015
4Corners 36.9N 252.E
Altitude
120
100
80
60
40
20
0
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

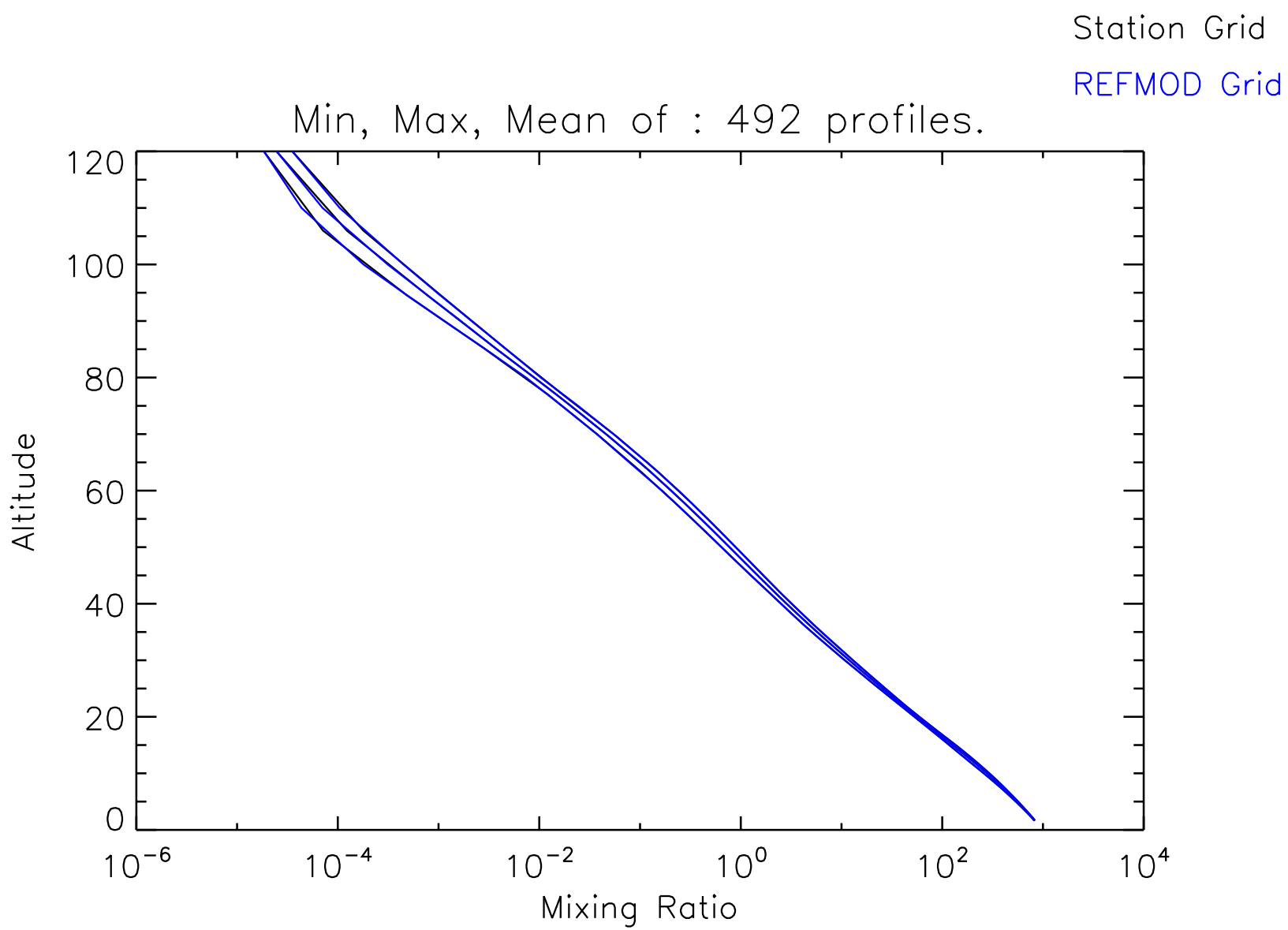

Initial & Interpolated profiles by month for : 2016
4Corners 36.9N 252.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio

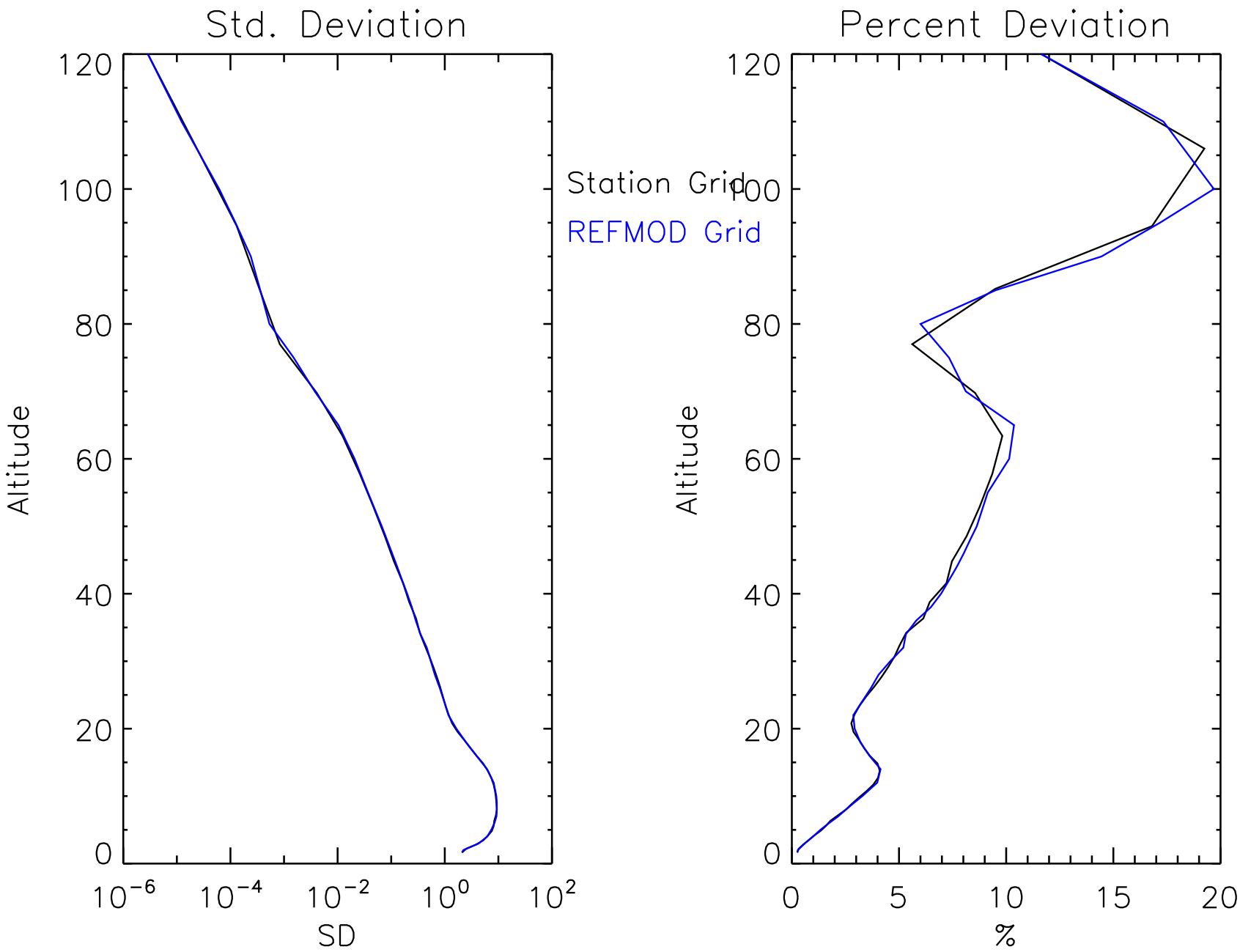

Initial & Interpolated profiles by month for : 2017
4Corners 36.9N 252.E
Altitude
120
100
80
60
40
20
0
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

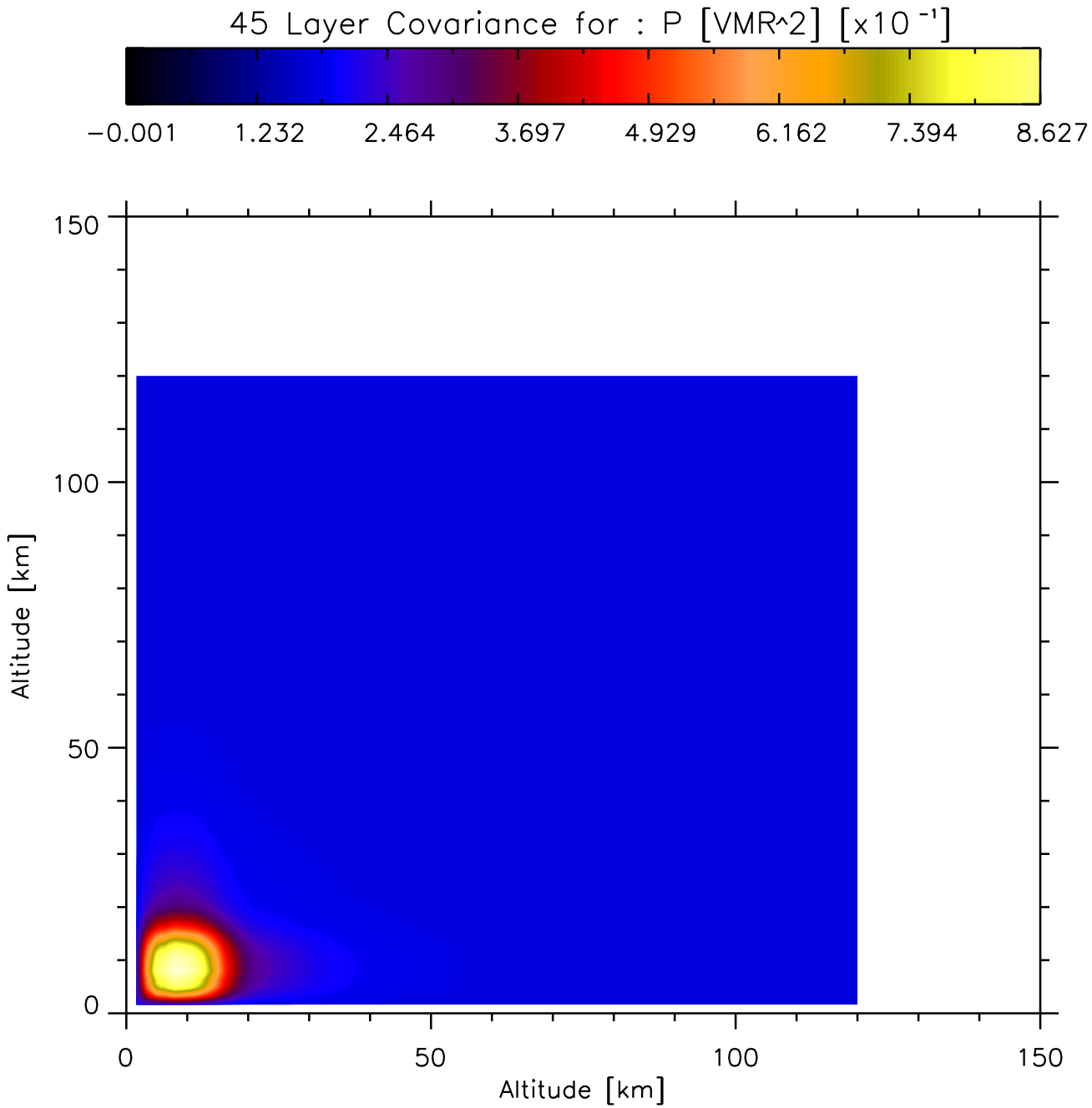

Initial & Interpolated profiles by month for : 2018
4Corners 36.9N 252.E
Altitude
120
100
80
60
40
20
0
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

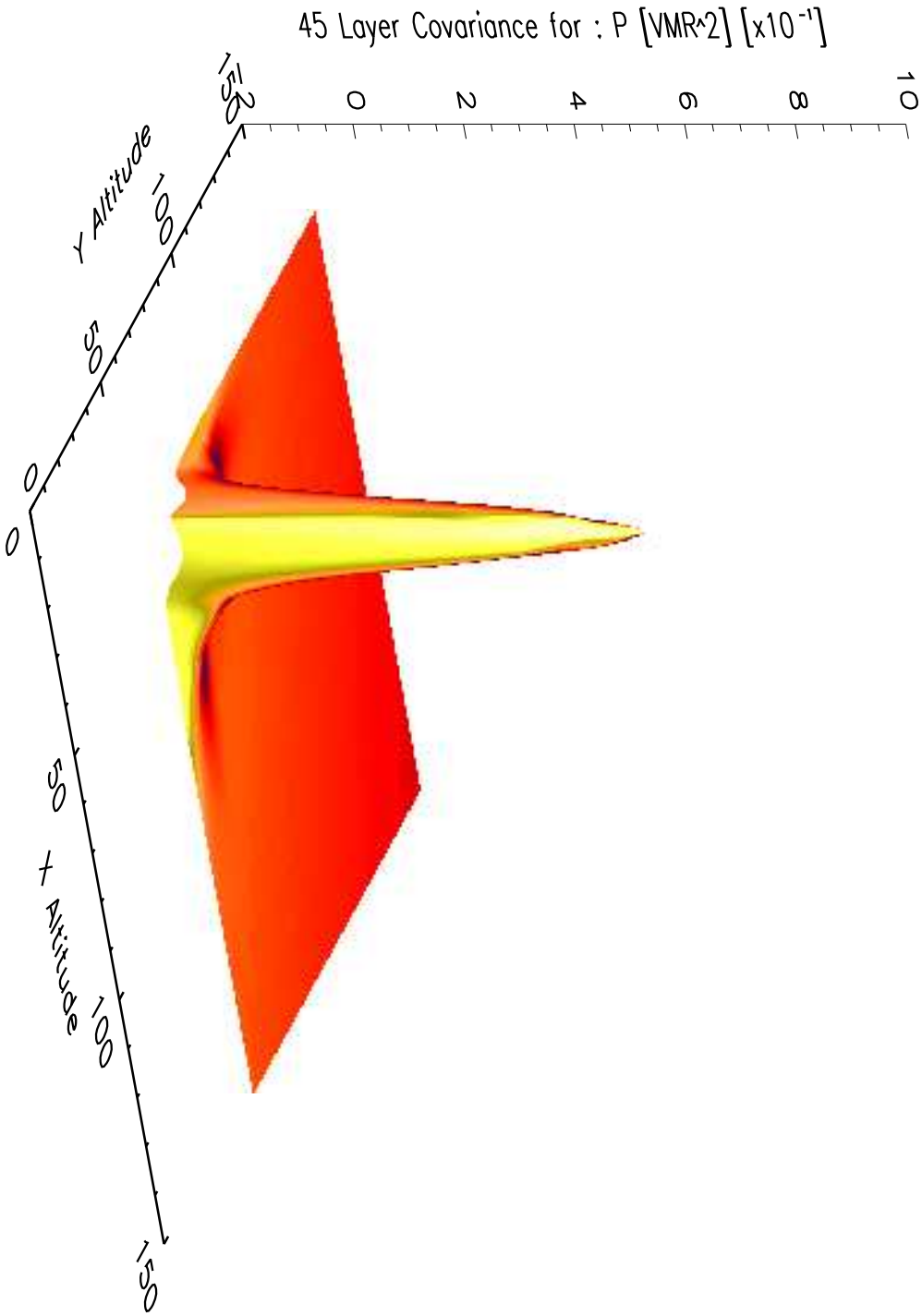

Initial & Interpolated profiles by month for : 2019
4Corners 36.9N 252.E
Altitude
120
100
80
60
40
20
0
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

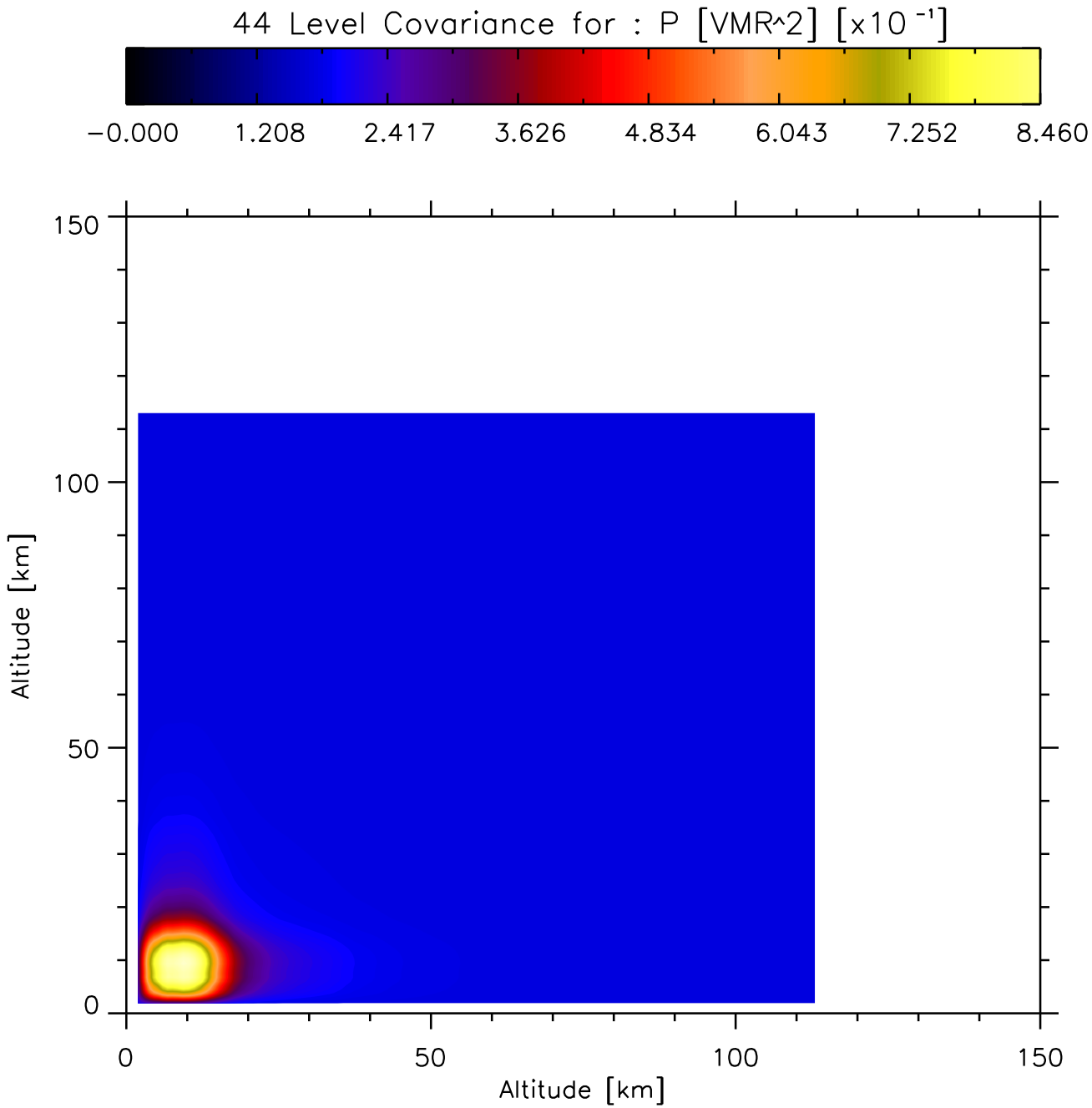

Initial & Interpolated profiles by month for : 2020
4Corners 36.9N 252.E
Altitude
120
100
80
60
40
20
0
10^{-4}
10^{-2}
10^{0}
10^{2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan


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
5
10
15
20


45 Layer Covariance for : P [VMR^2] [x10 -1]
−0.001
1.232
2.464
3.697
4.929
6.162
7.394
8.627
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


45 Layer Covariance for : P [VMR^2] [x10^-1]
Y Altitude
X Altitude
0
50
100
150
0
2
4
6
8
10


44 Level Covariance for : P [VMR^2] [x10 -1]
−0.000
1.208
2.417
3.626
4.834
6.043
7.252
8.460
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]

44 Level Covariance for : P [VMR^2] [x10^-1]
0
2
4
6
8
10
12
Y Altitude
0
30
60
90
120
X Altitude
0
50
100
150