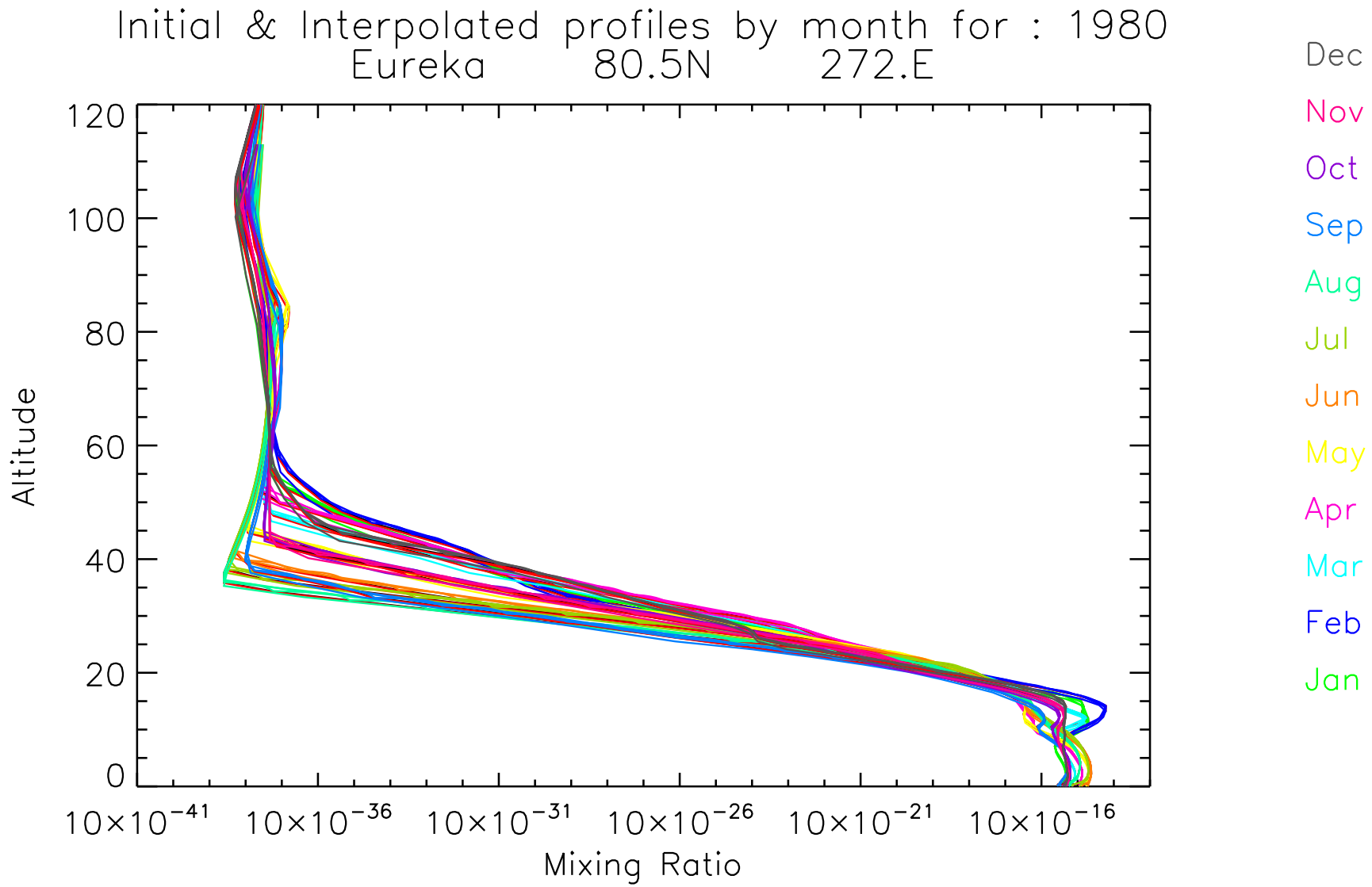
Initial & Interpolated profiles by month for : 1980
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Altitude
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Mixing Ratio
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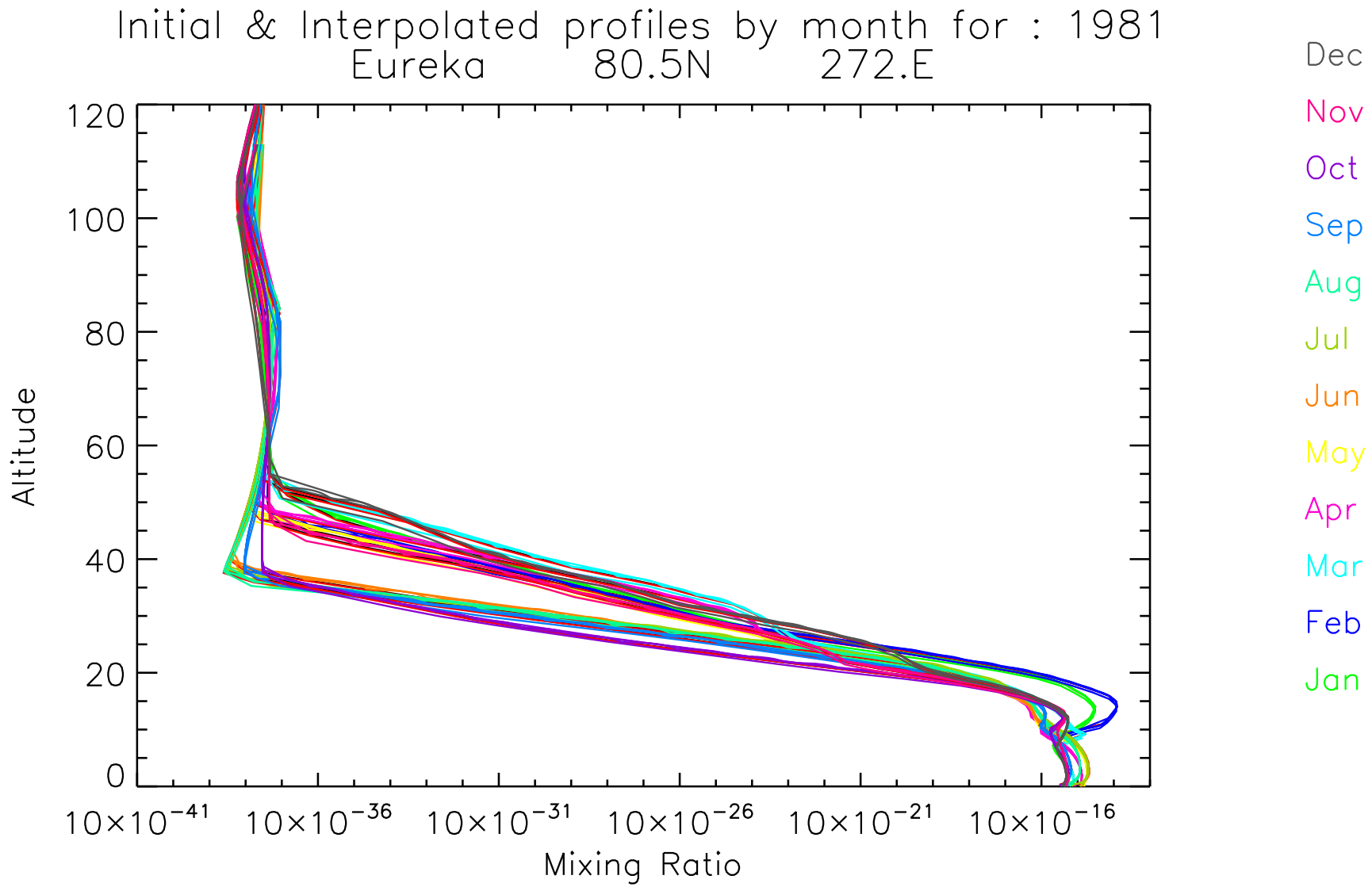
Initial & Interpolated profiles by month for : 1981
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Altitude
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Mixing Ratio
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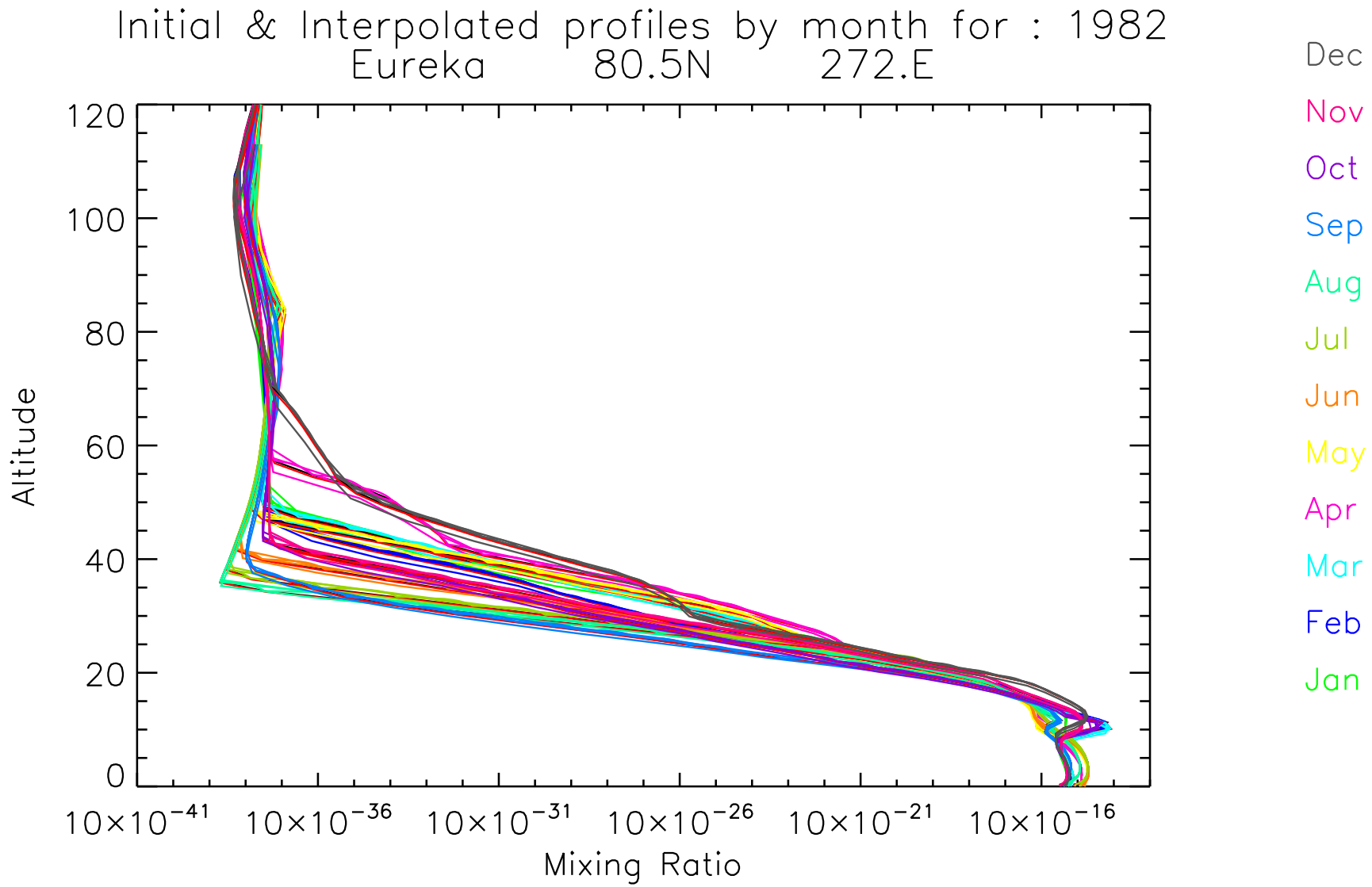
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Altitude
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Mixing Ratio
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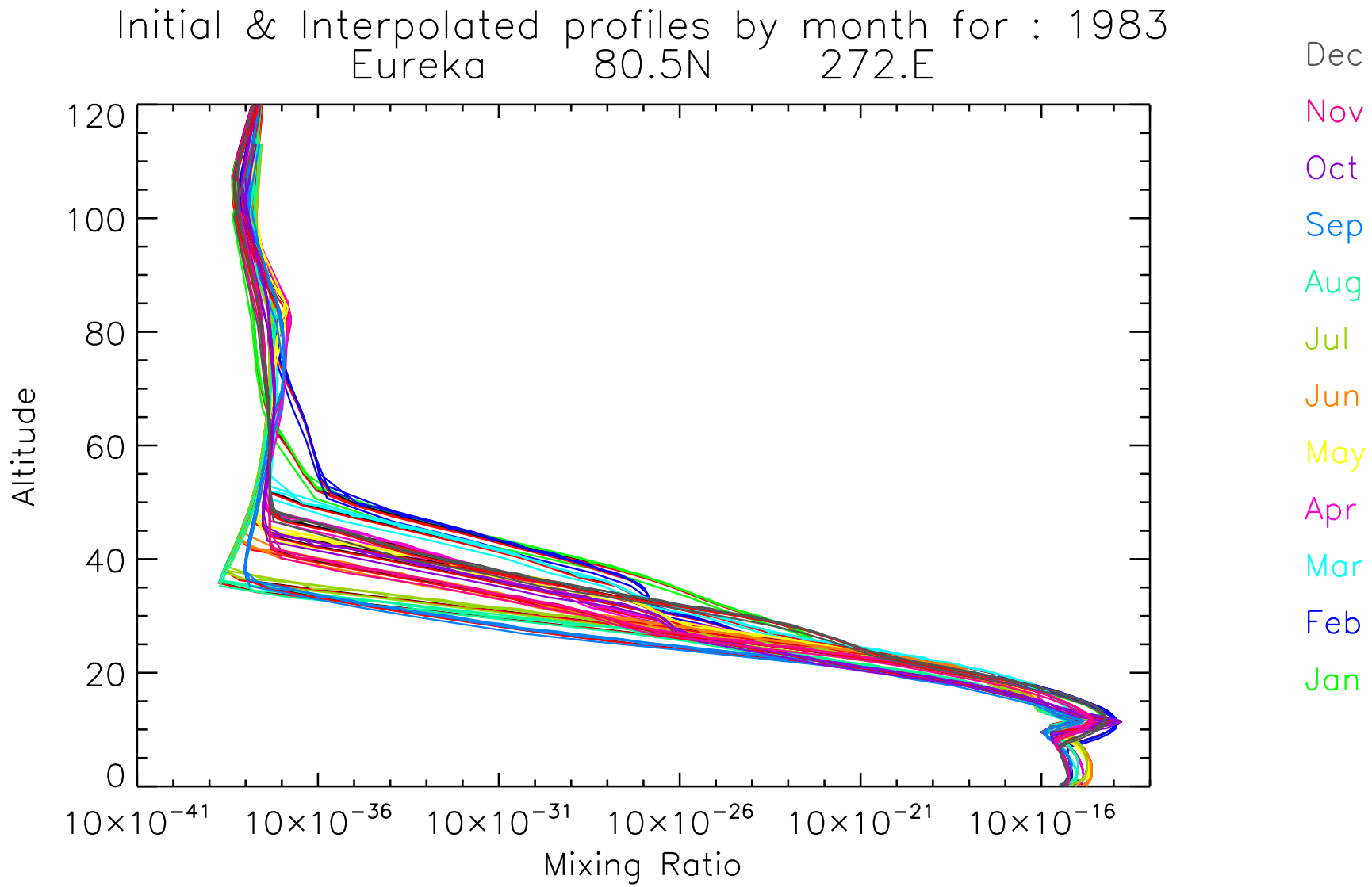
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Mixing Ratio
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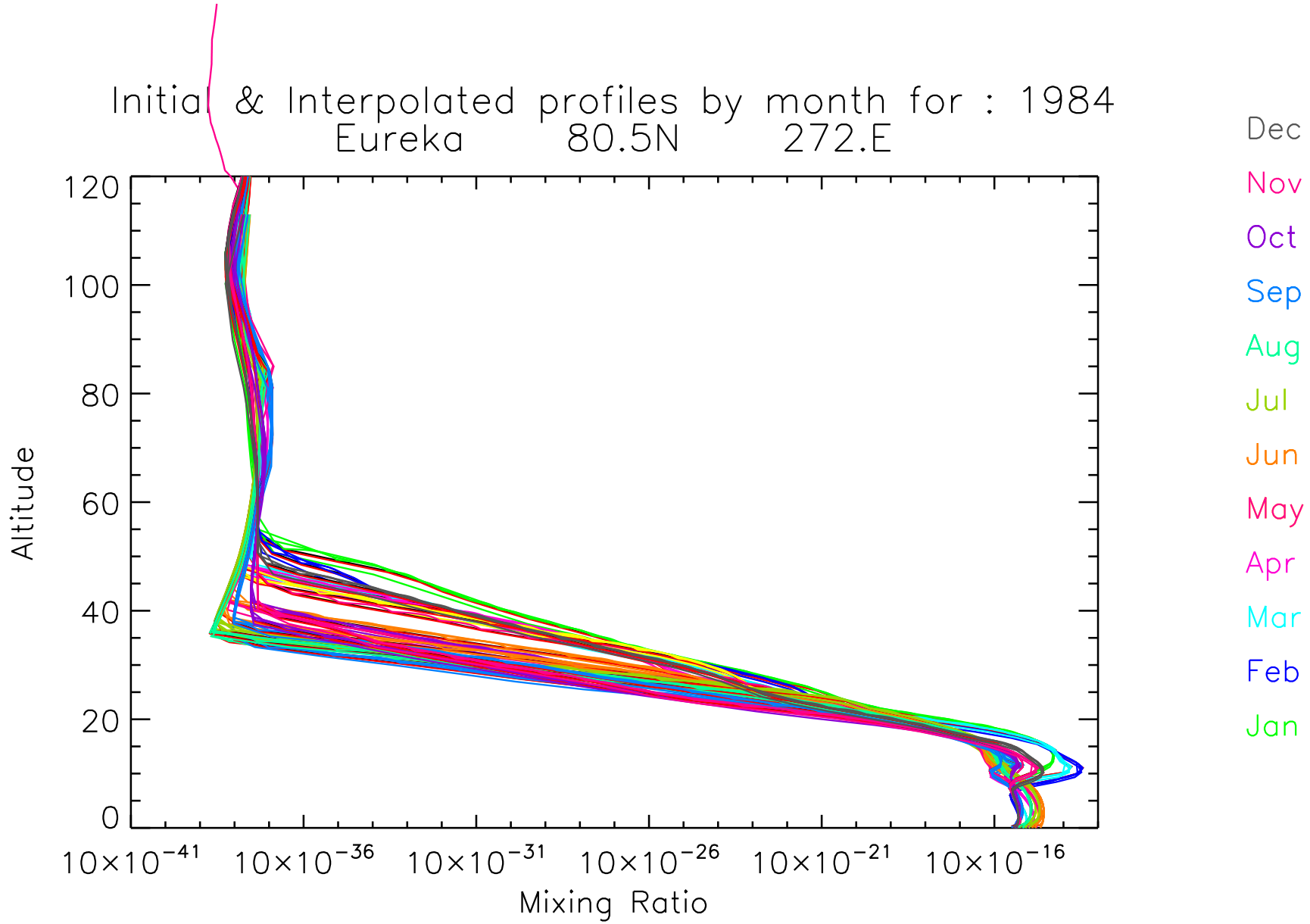
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Altitude
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Mixing Ratio
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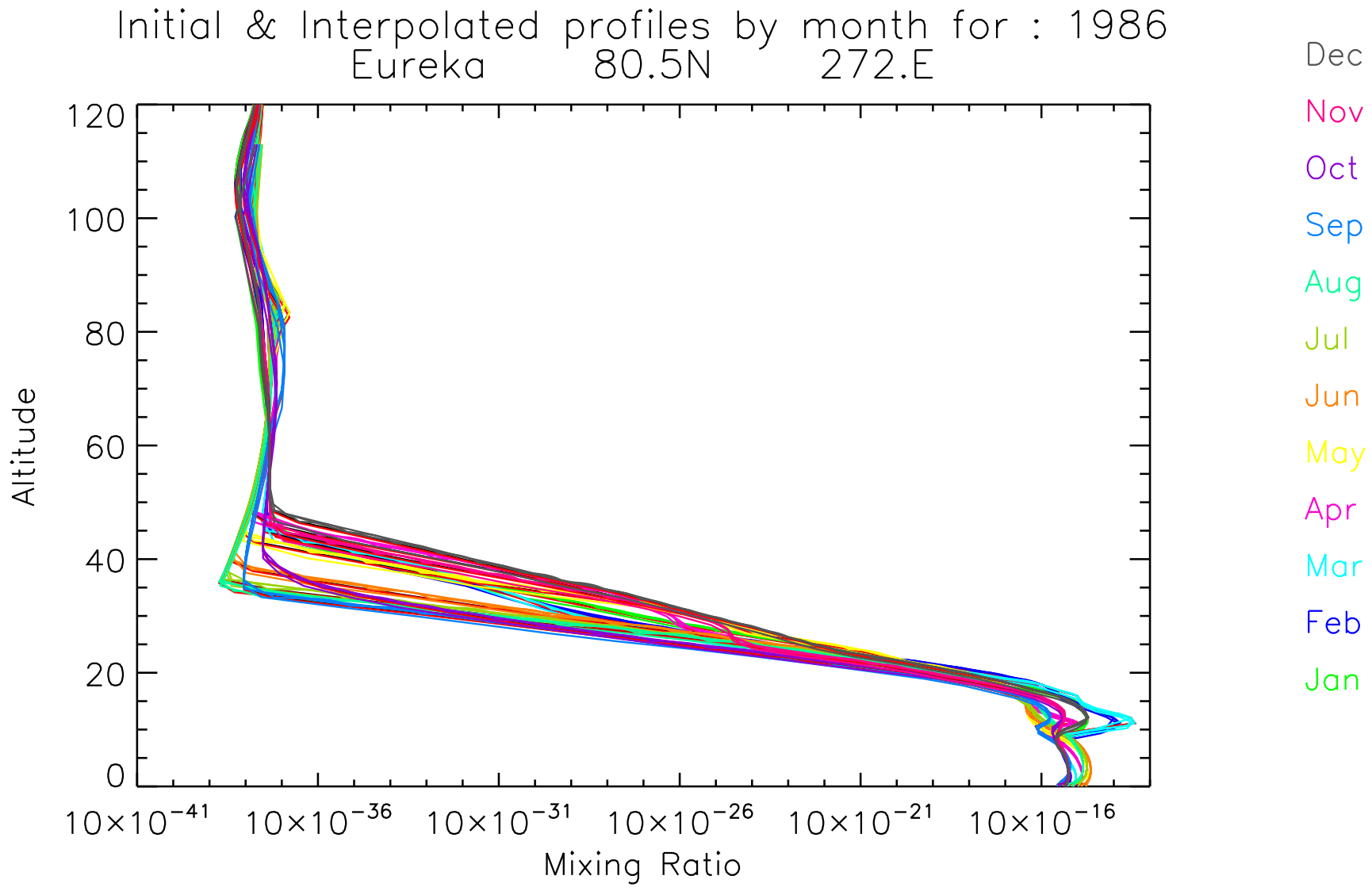
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Altitude
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Mixing Ratio
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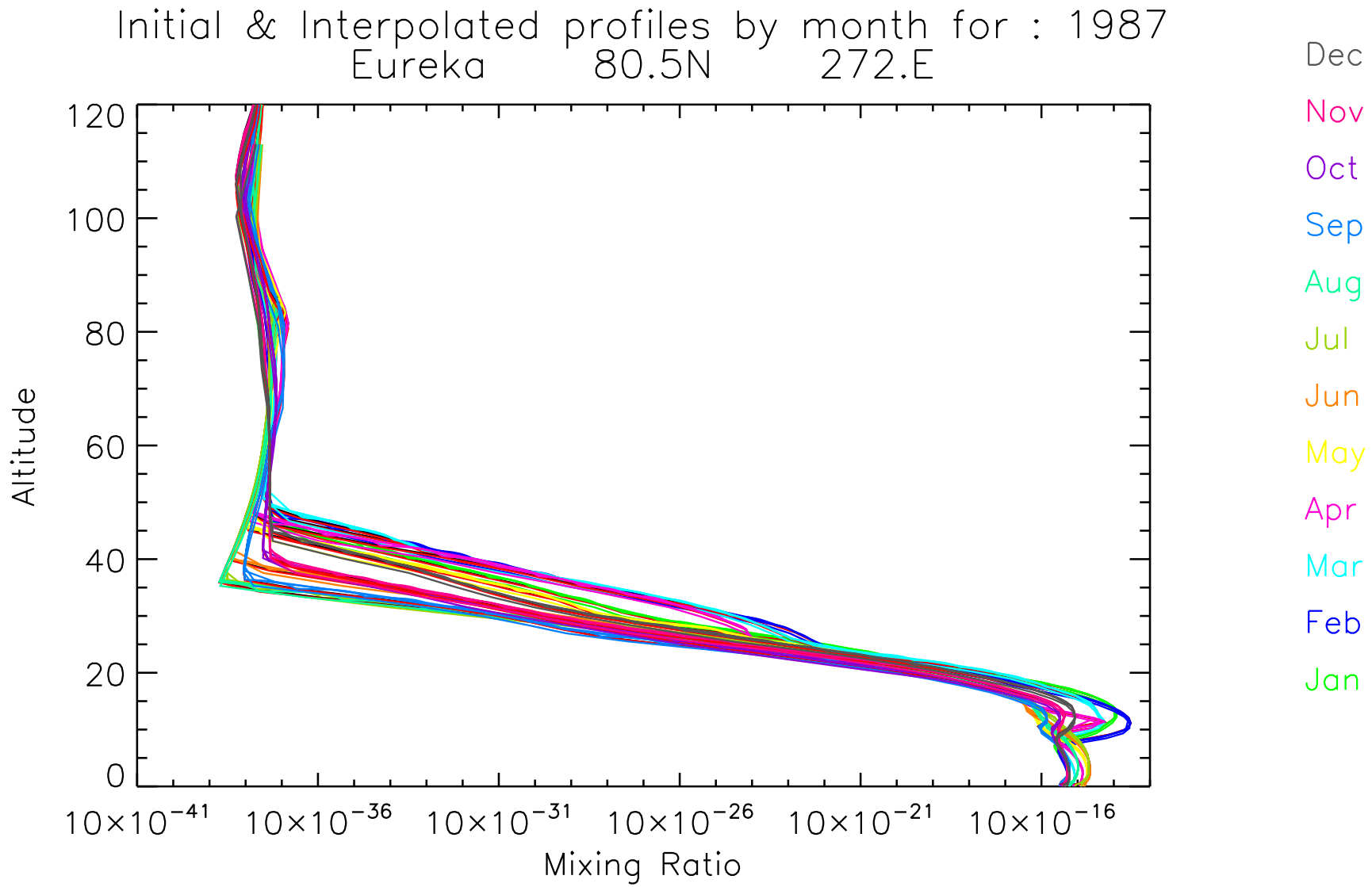
Initial & Interpolated profiles by month for : 1987
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Altitude
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Mixing Ratio
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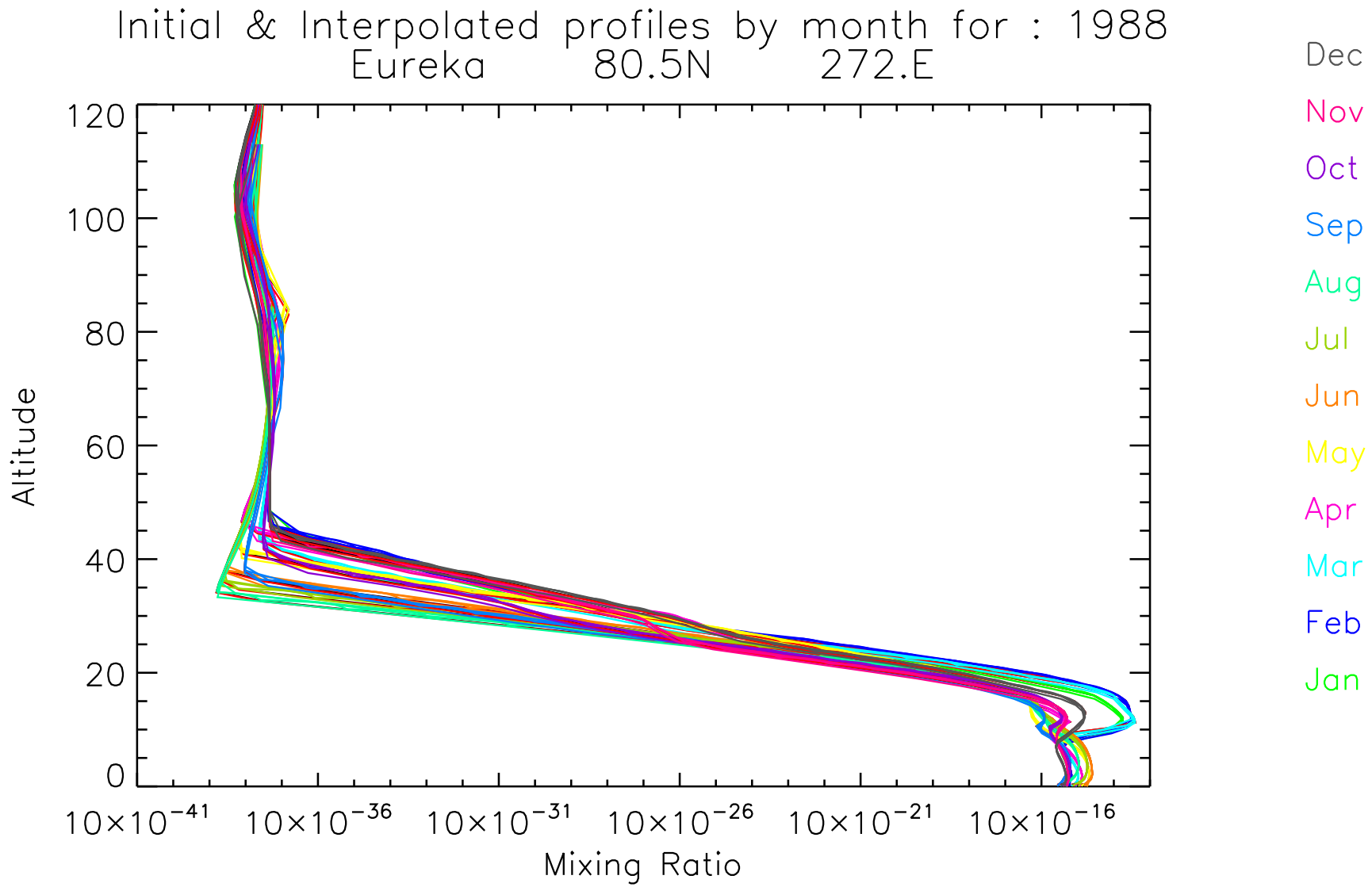
Initial & Interpolated profiles by month for : 1988
Eureka 80.5N 272.E
Altitude
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Mixing Ratio
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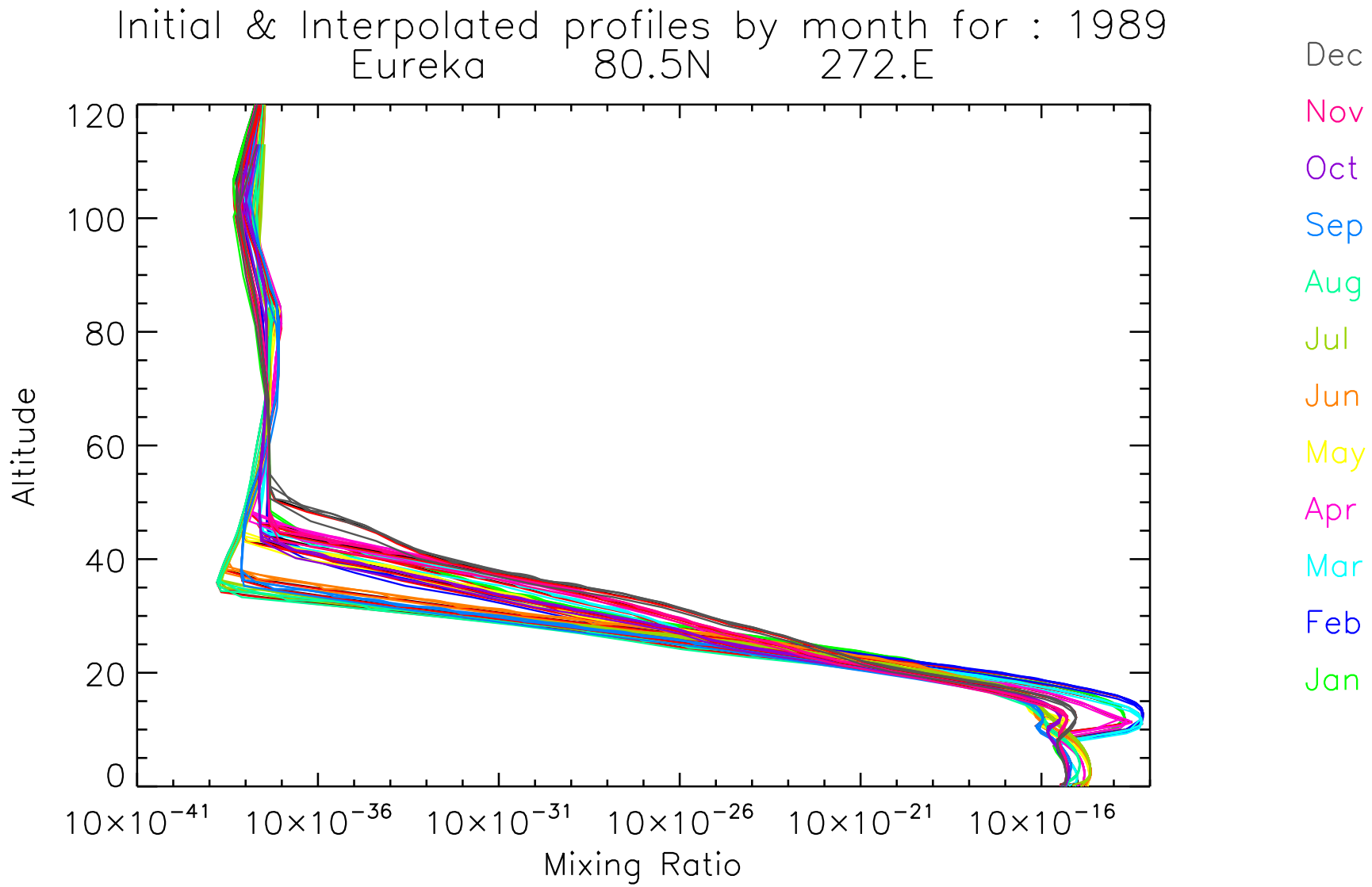
Initial & Interpolated profiles by month for : 1989
Eureka 80.5N 272.E
Altitude
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Mixing Ratio
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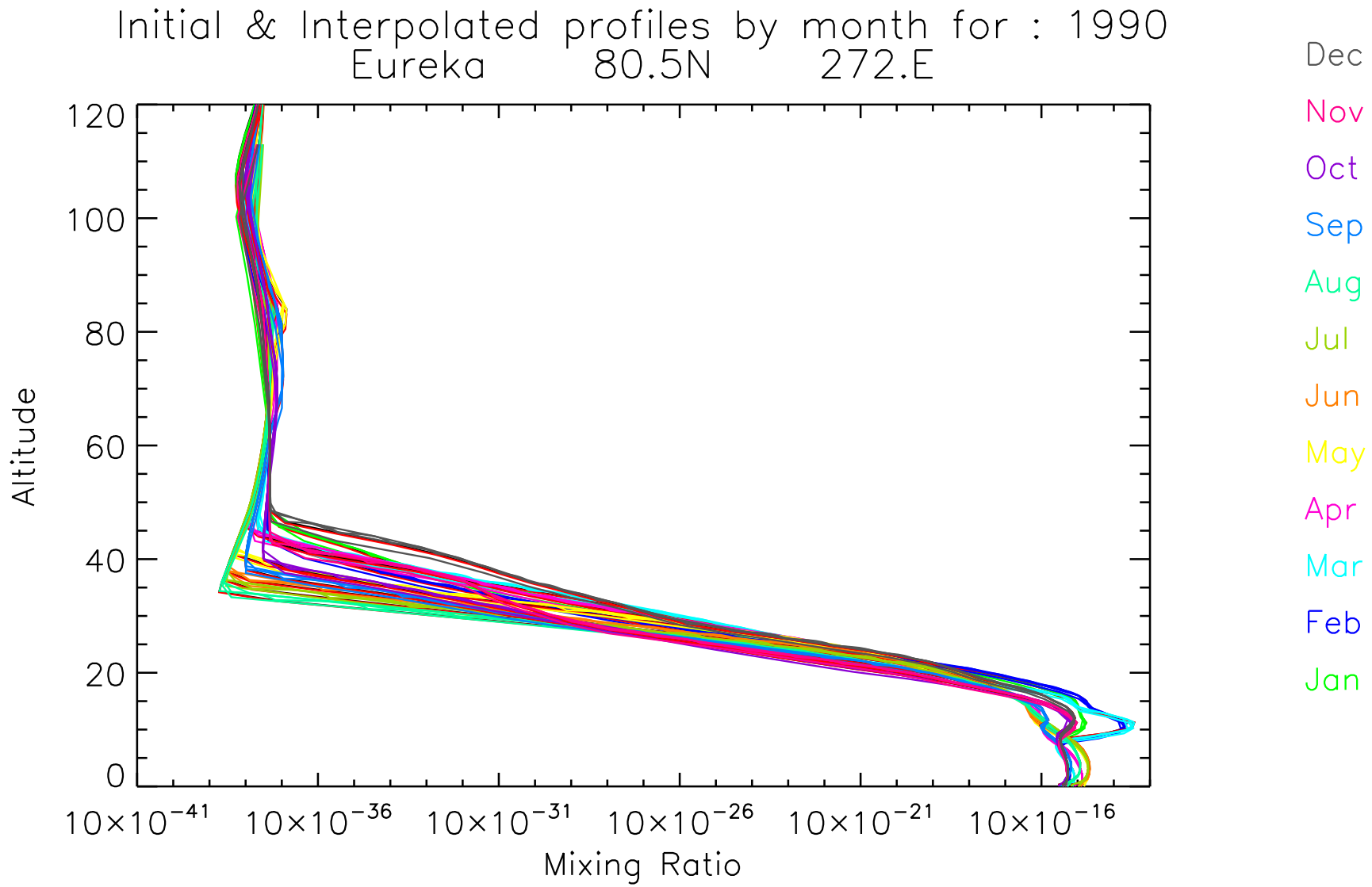
Initial & Interpolated profiles by month for : 1990
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Altitude
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Mixing Ratio
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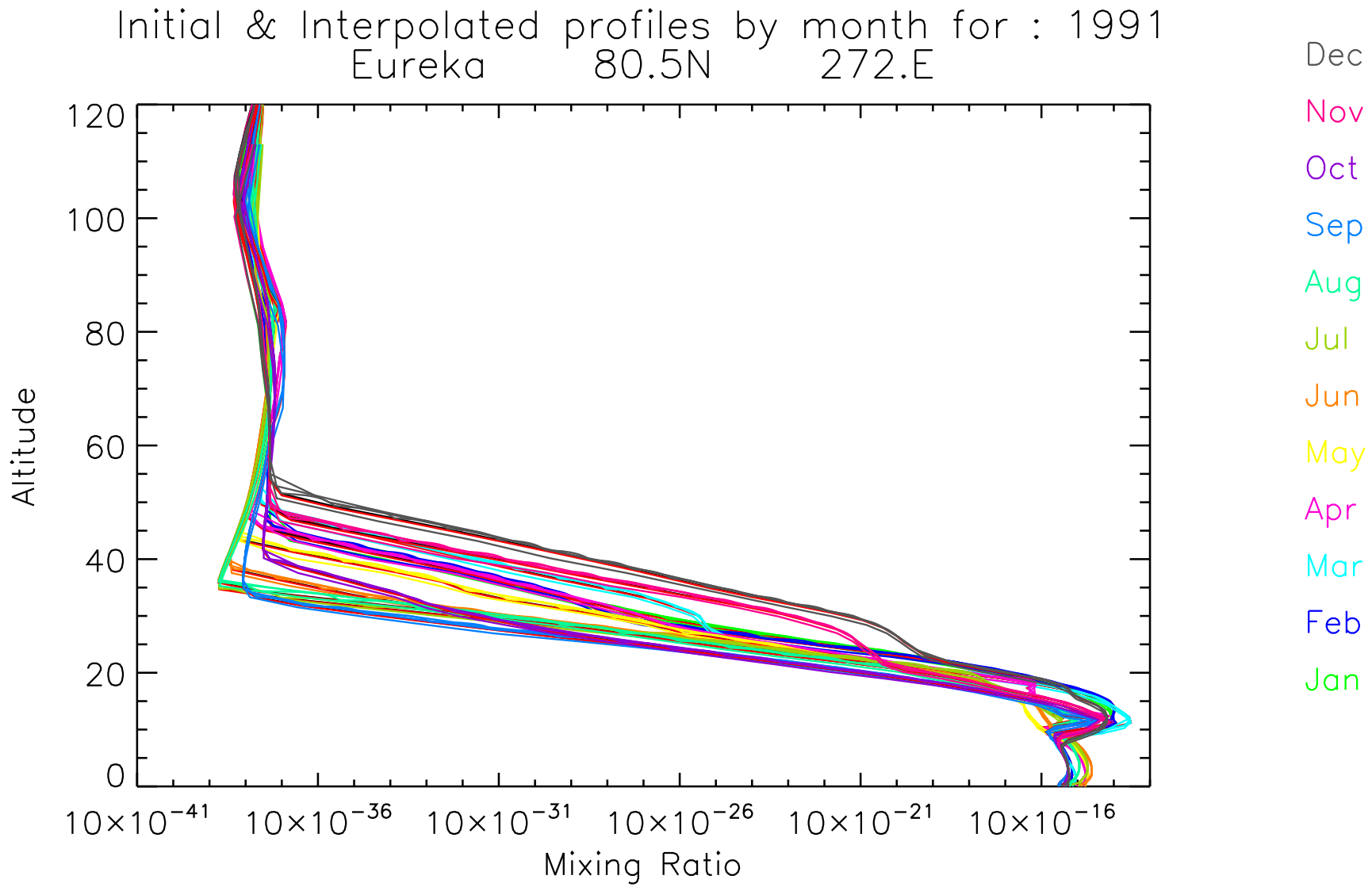
Initial & Interpolated profiles by month for : 1991
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Altitude
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Mixing Ratio
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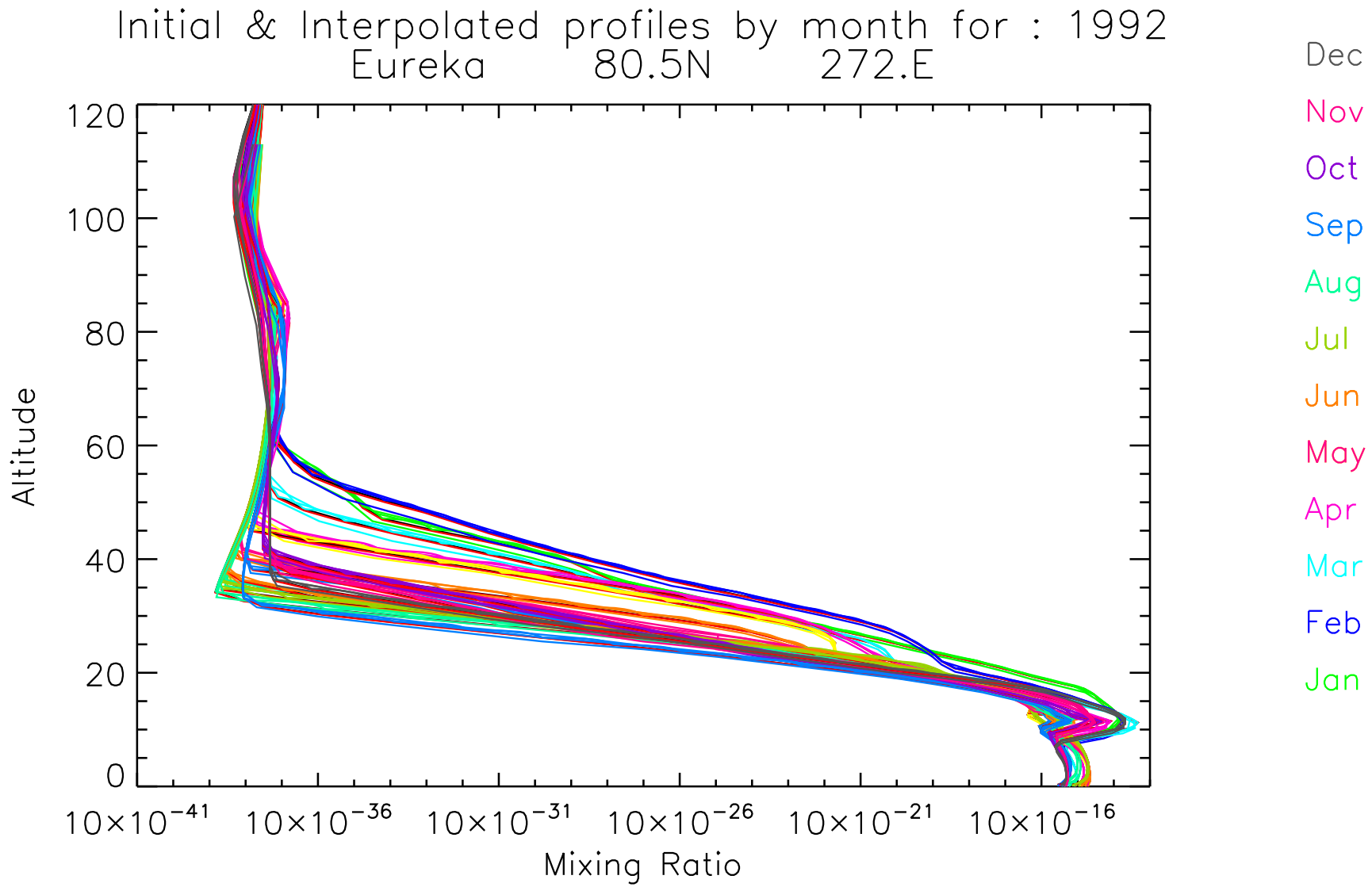
Initial & Interpolated profiles by month for : 1992
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Altitude
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Mixing Ratio
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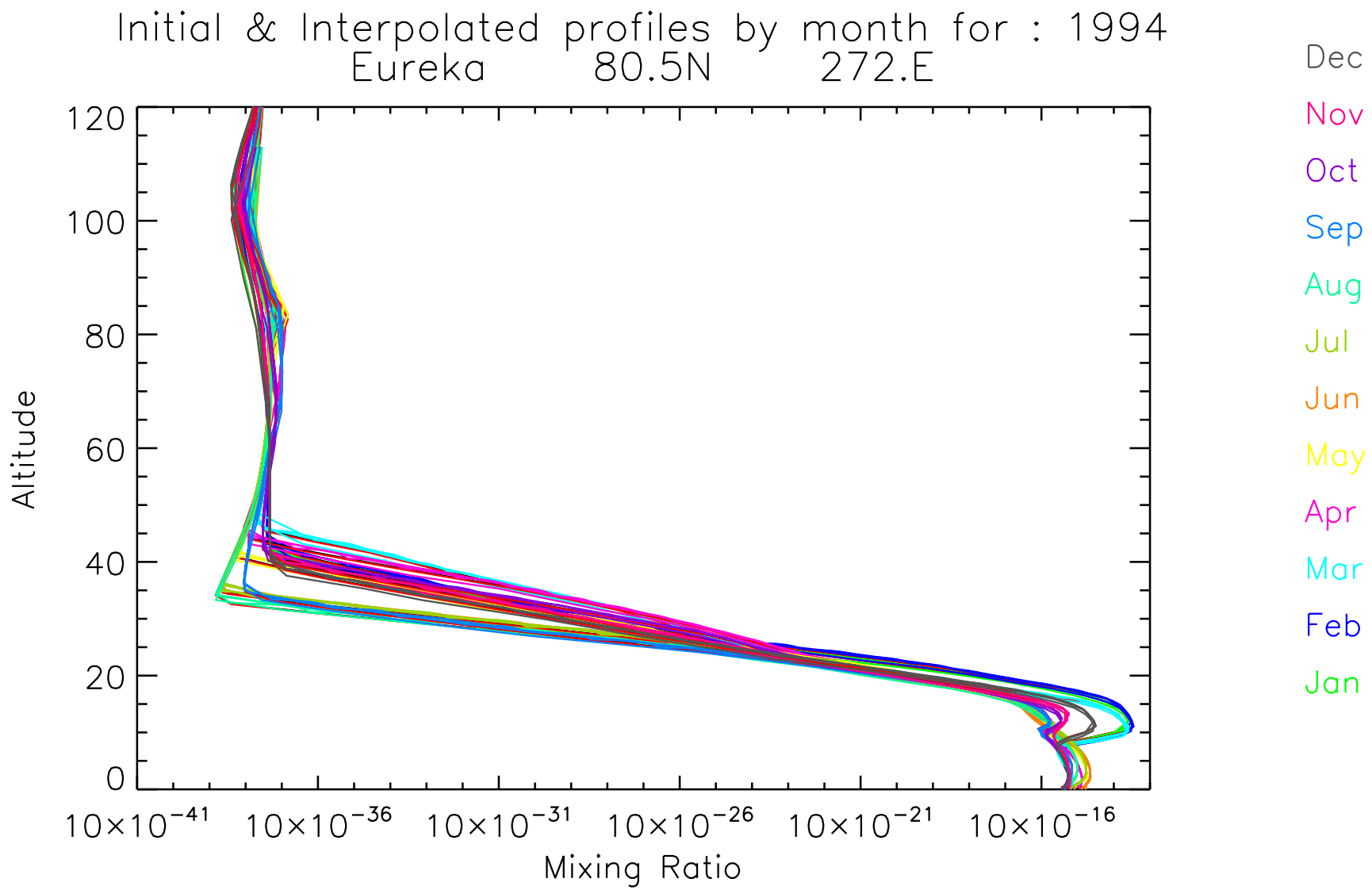
Initial & Interpolated profiles by month for : 1994
Eureka 80.5N 272.E
Altitude
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Mixing Ratio
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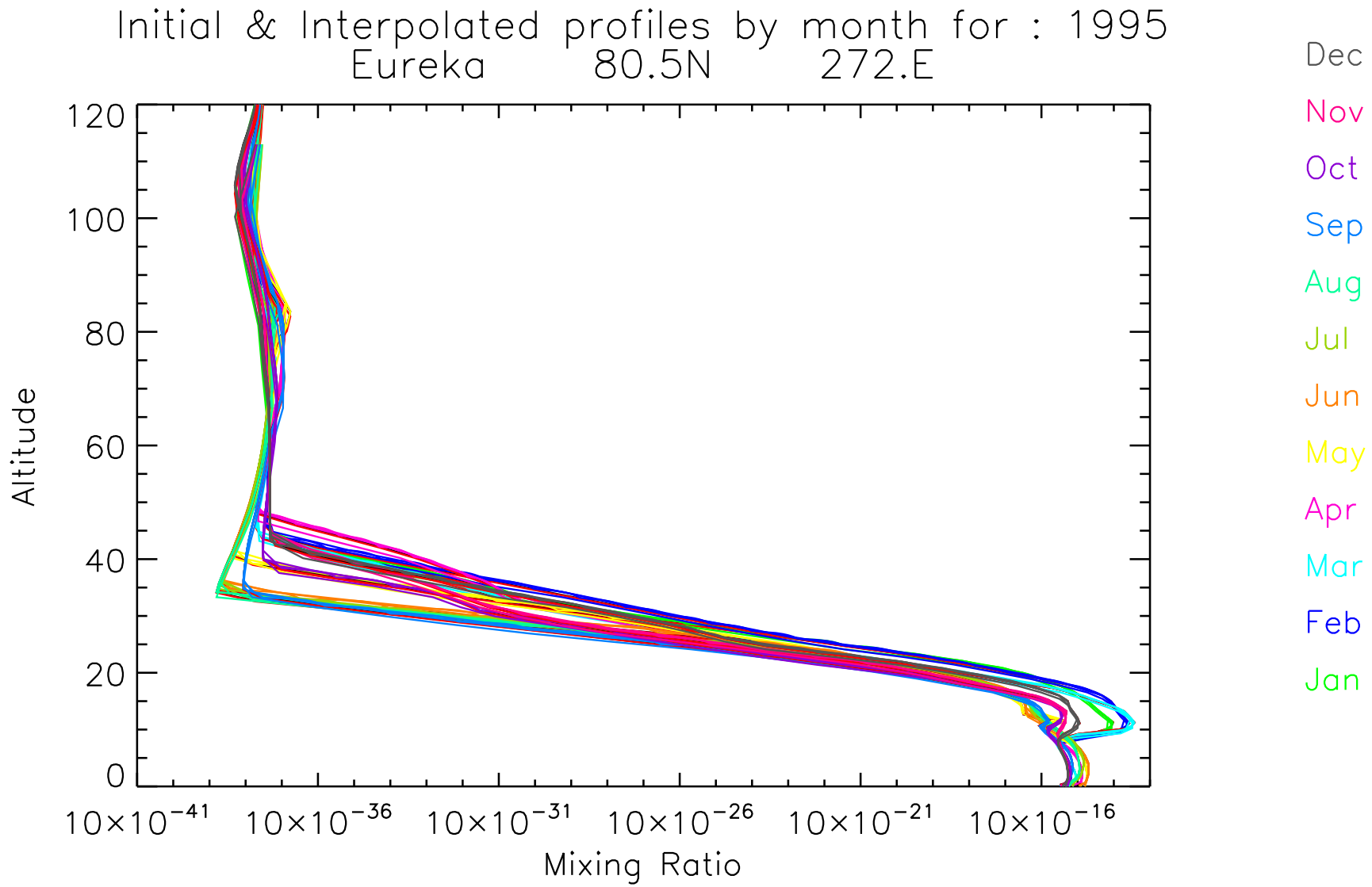
Initial & Interpolated profiles by month for : 1995
Eureka 80.5N 272.E
Altitude
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Mixing Ratio
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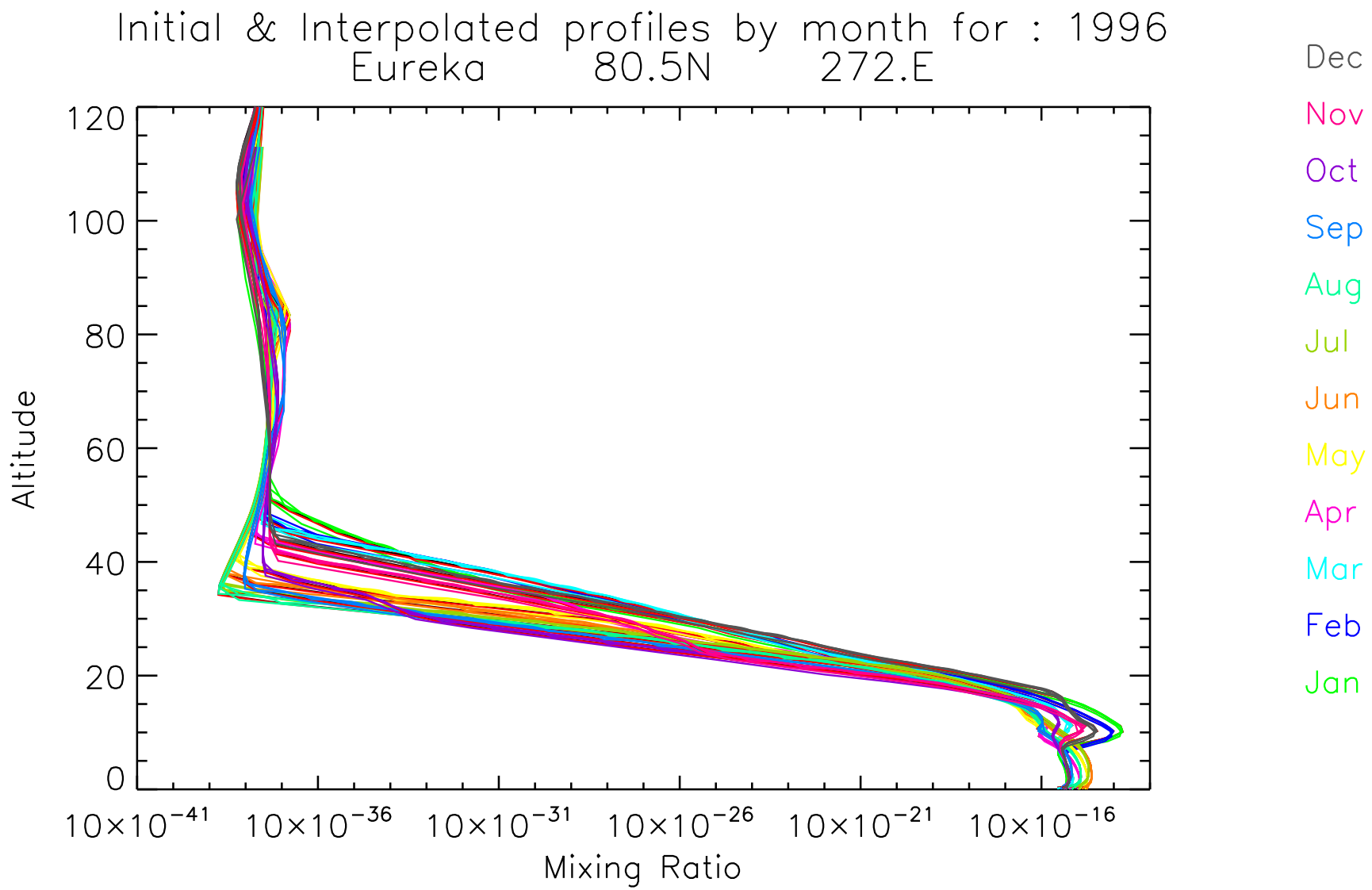
Initial & Interpolated profiles by month for : 1996
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Altitude
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Mixing Ratio
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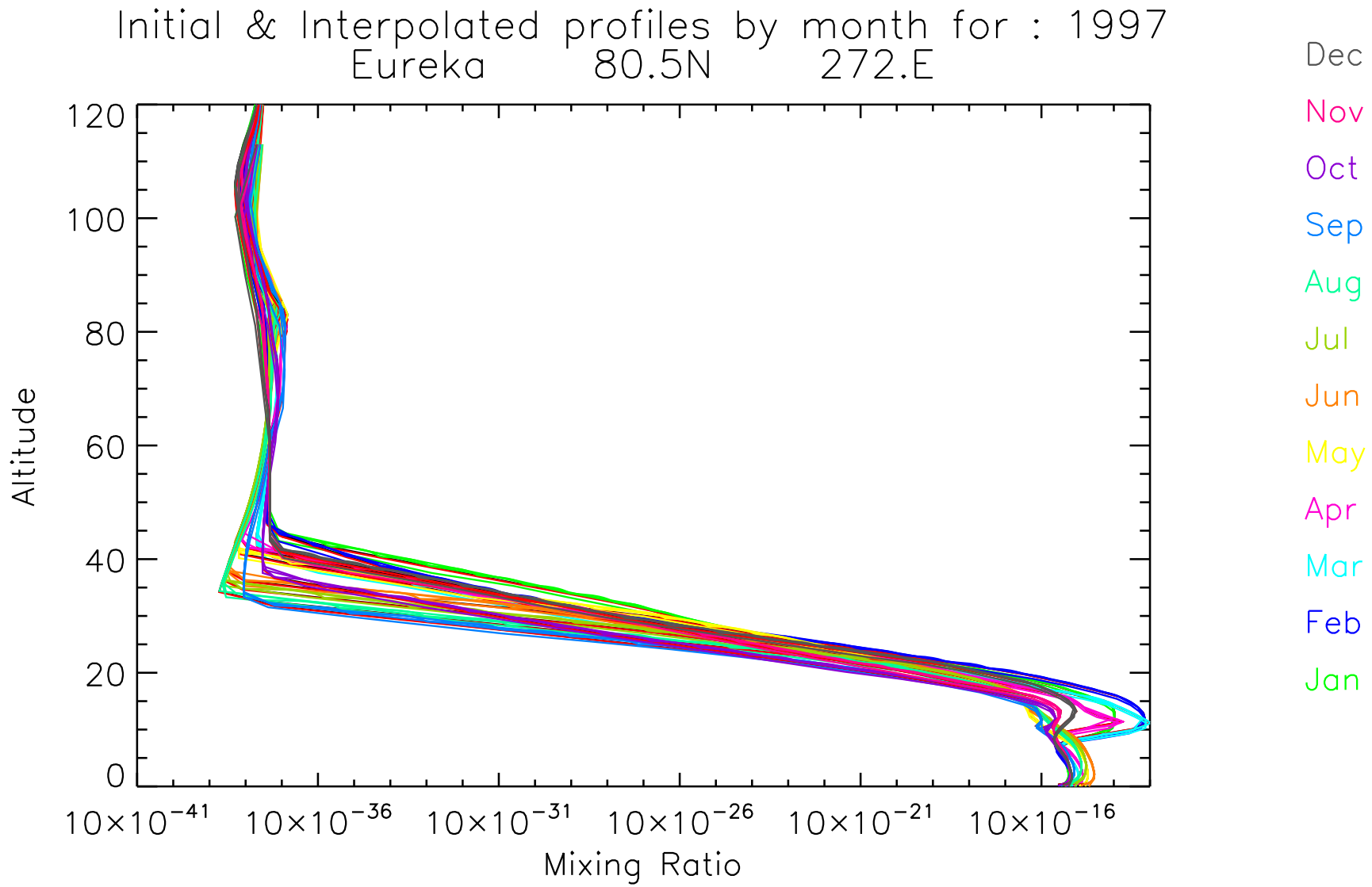
Initial & Interpolated profiles by month for : 1997
Eureka 80.5N 272.E
Altitude
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Mixing Ratio
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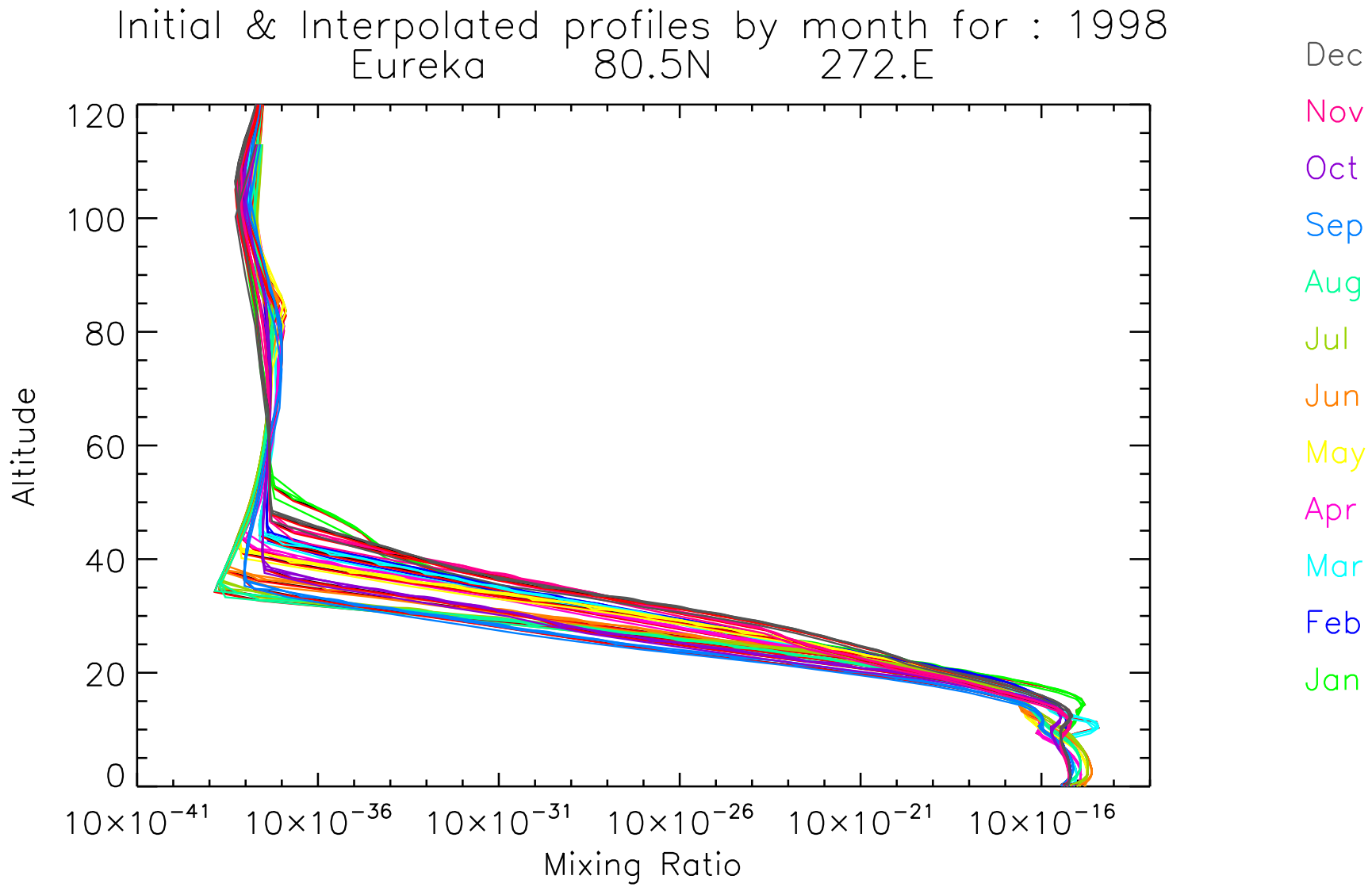
Initial & Interpolated profiles by month for : 1998
Eureka 80.5N 272.E
Altitude
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Mixing Ratio
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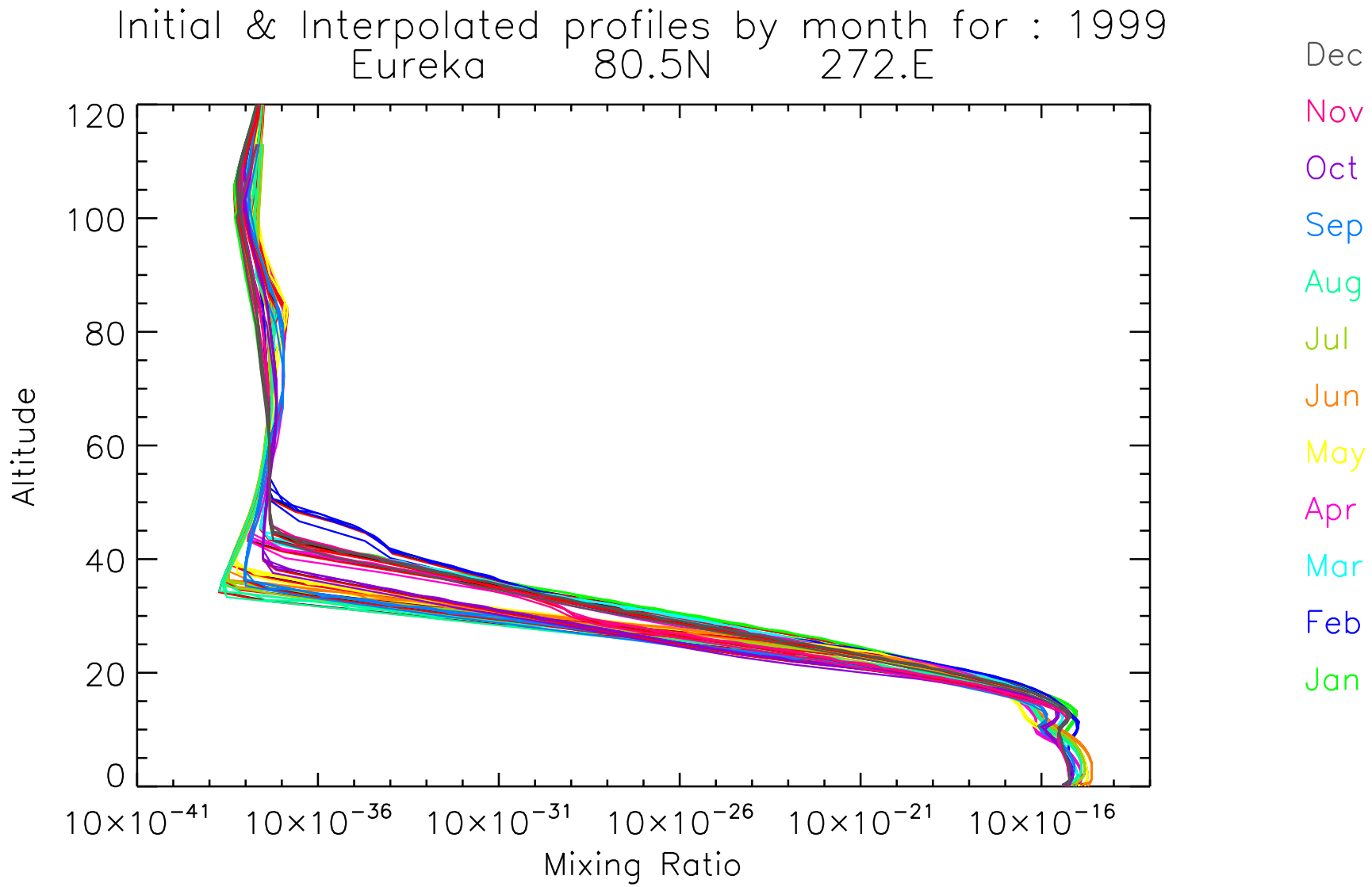
Initial & Interpolated profiles by month for : 1999
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Altitude
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Mixing Ratio
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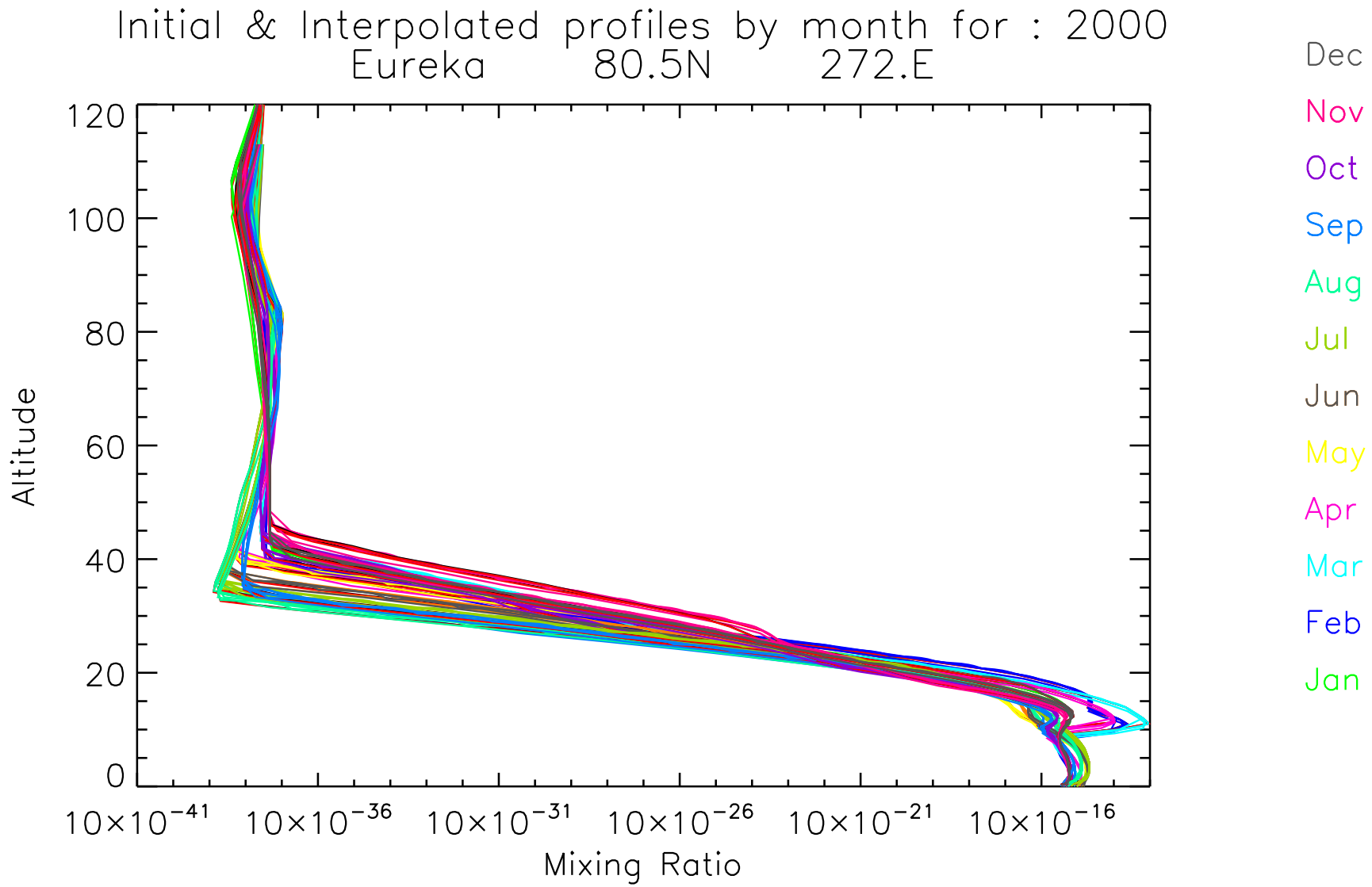
Initial & Interpolated profiles by month for : 2000
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Altitude
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Mixing Ratio
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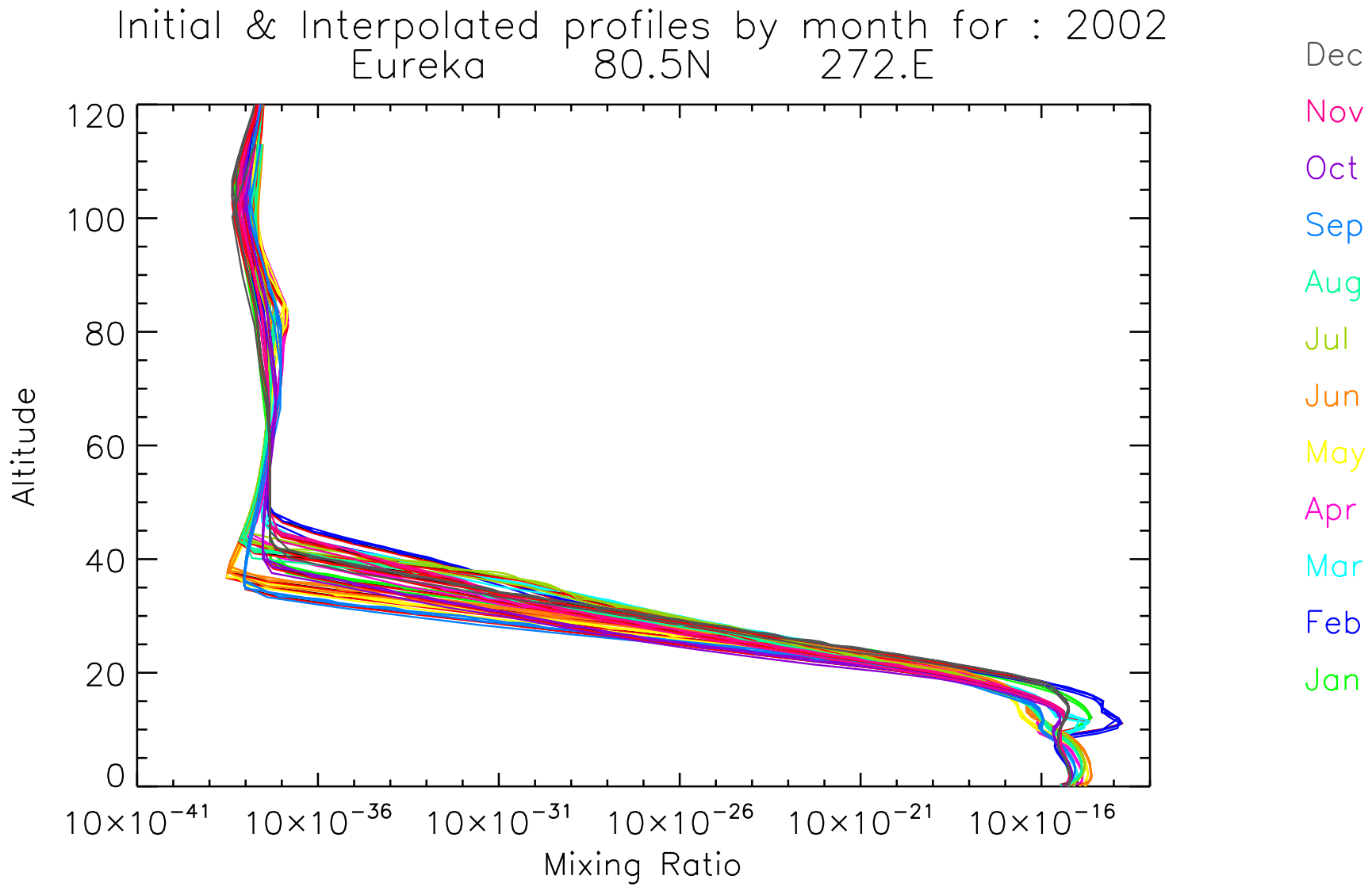
Initial & Interpolated profiles by month for : 2002
Eureka 80.5N 272.E
Altitude
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Mixing Ratio
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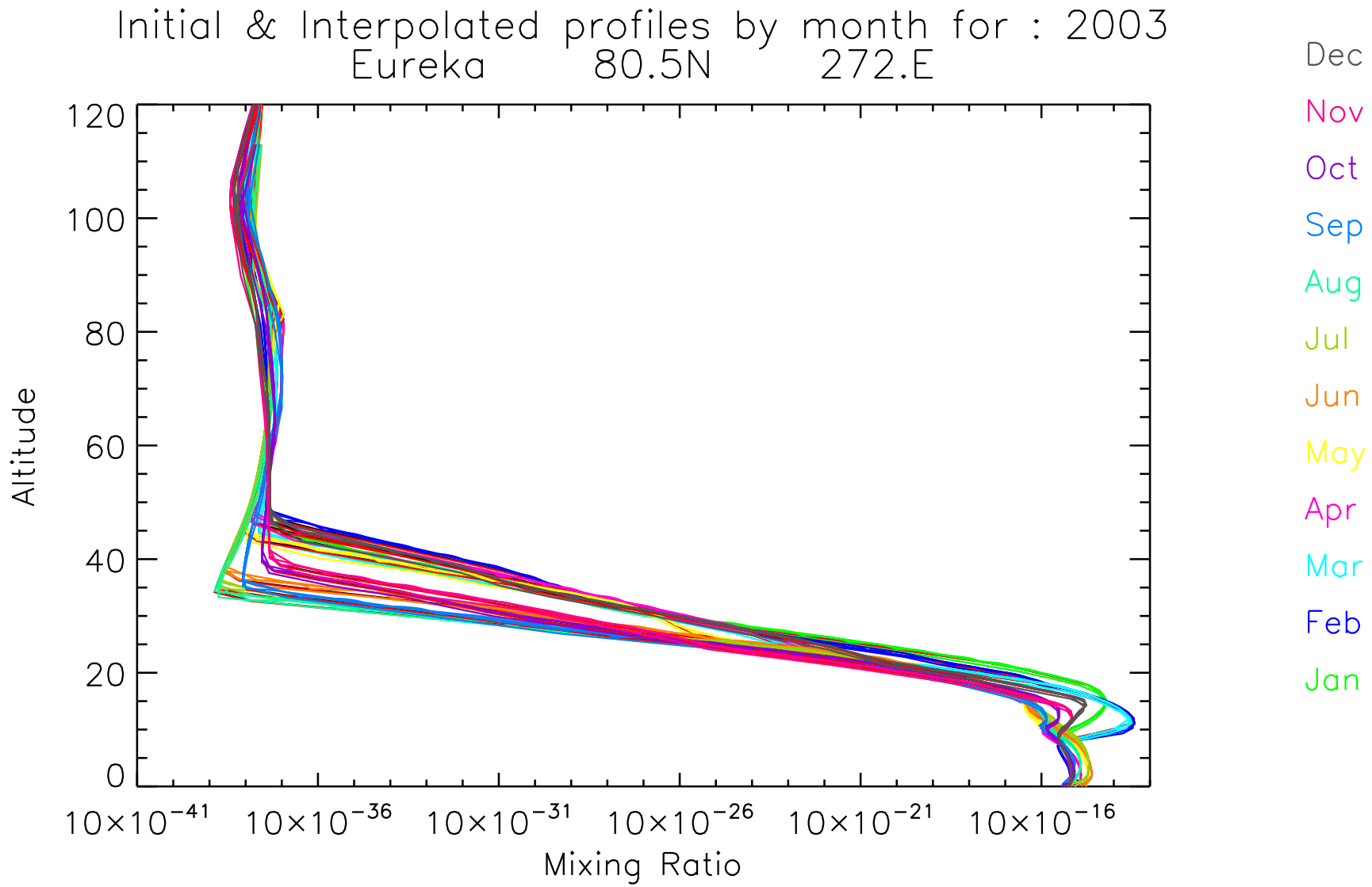
Initial & Interpolated profiles by month for : 2003
Eureka 80.5N 272.E
Altitude
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Mixing Ratio
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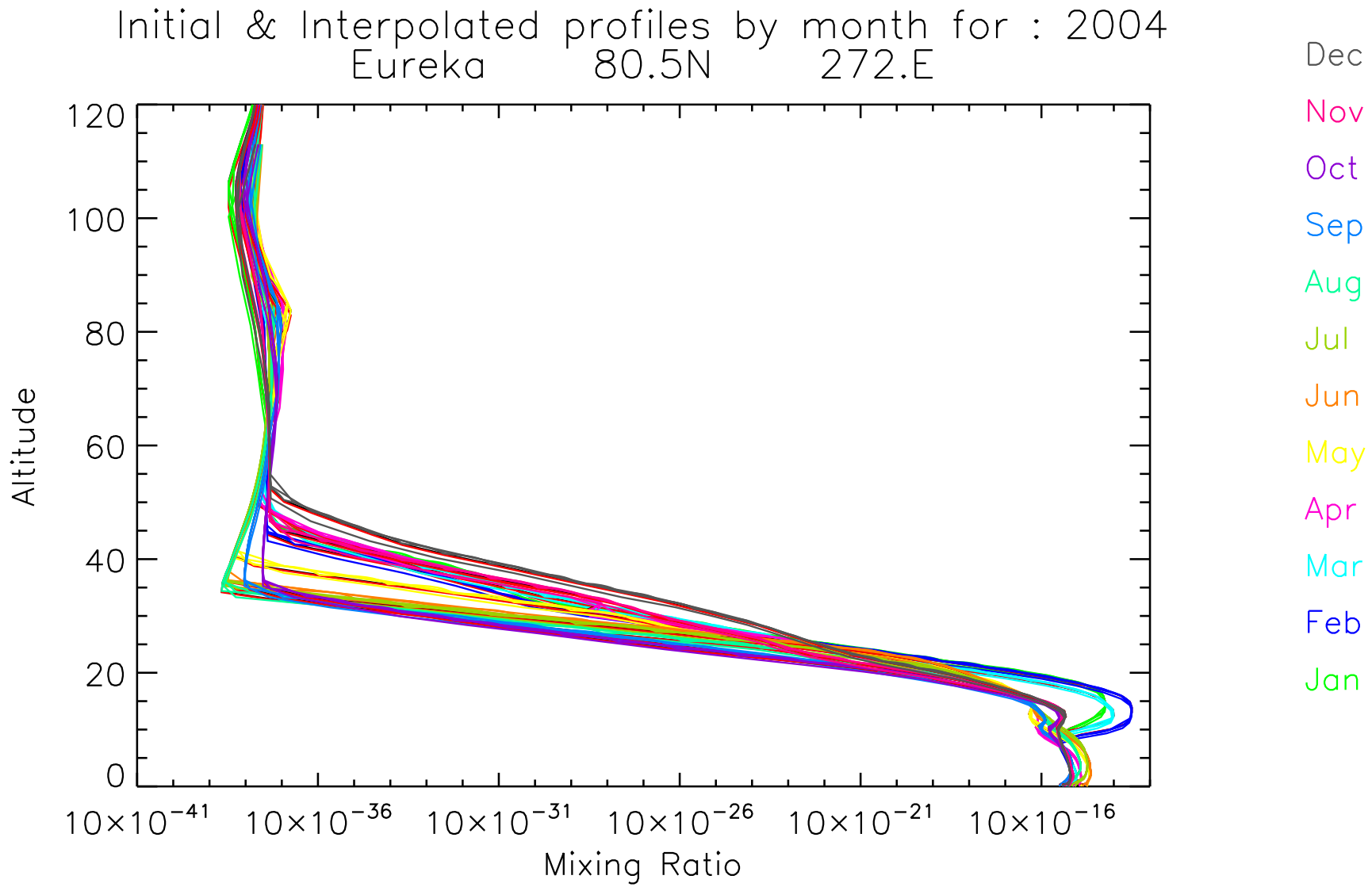
Initial & Interpolated profiles by month for : 2004
Eureka 80.5N 272.E
Altitude
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Mixing Ratio
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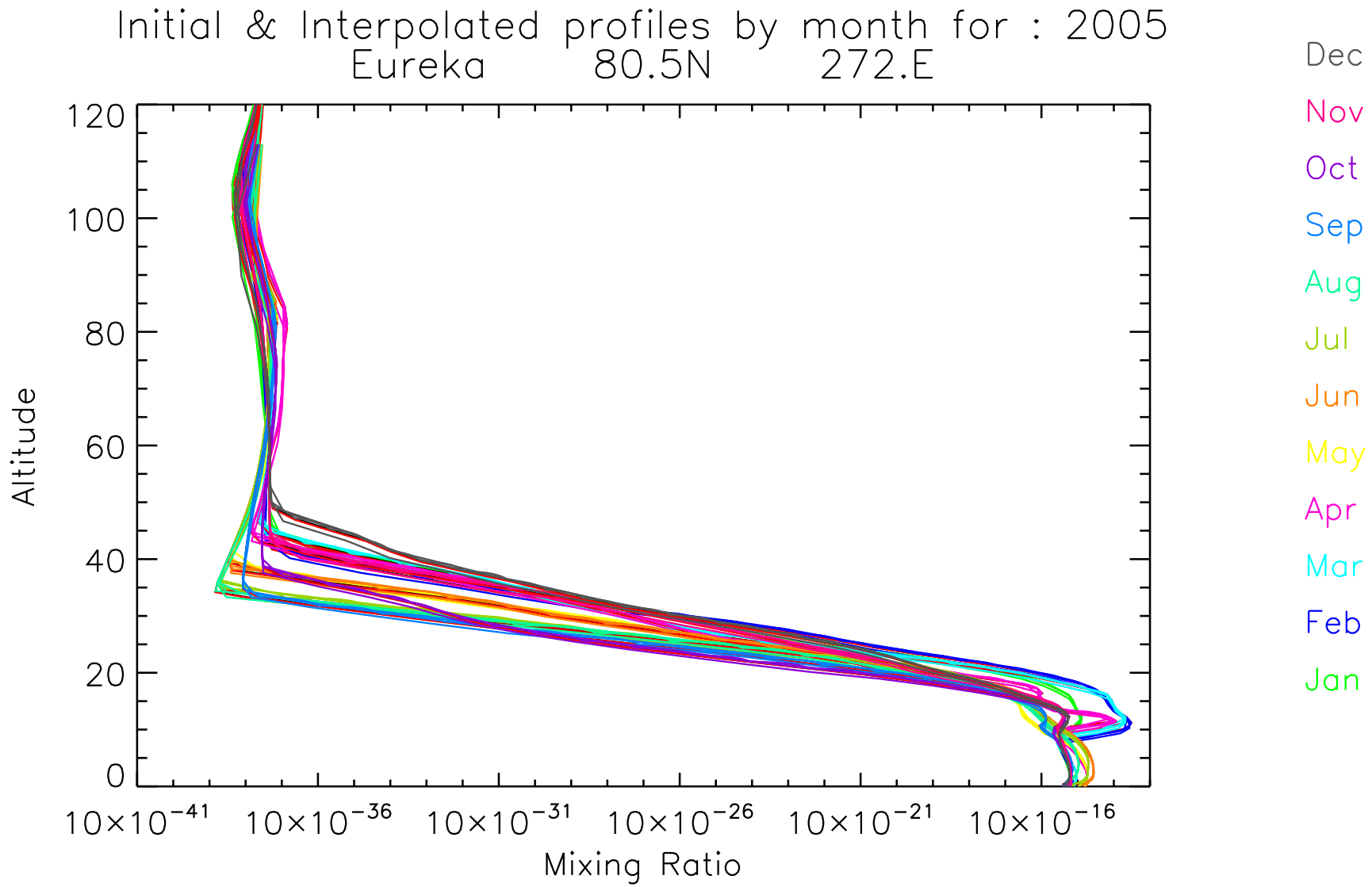
Initial & Interpolated profiles by month for : 2005
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Altitude
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Mixing Ratio
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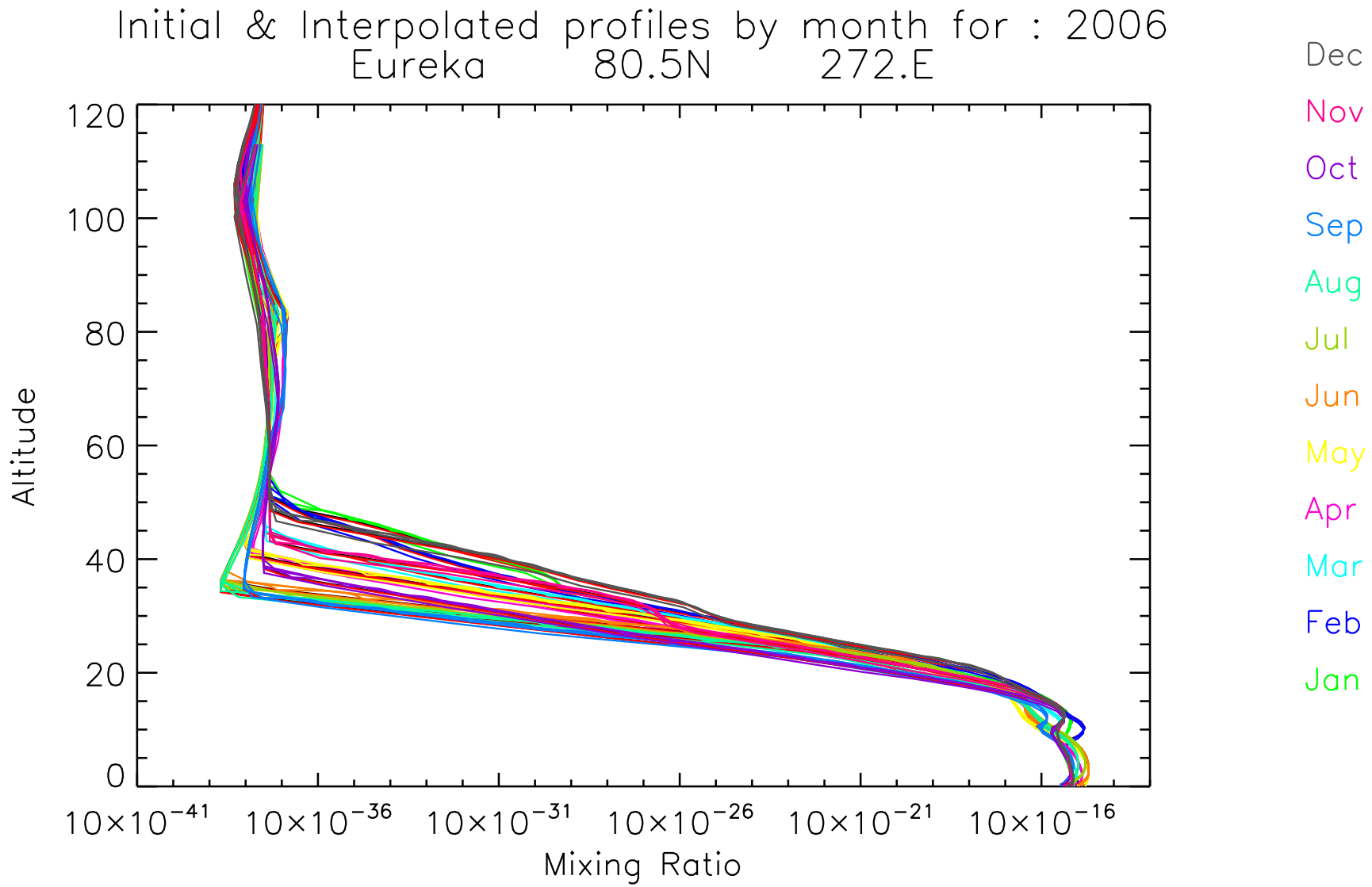
Initial & Interpolated profiles by month for : 2006
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Altitude
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Mixing Ratio
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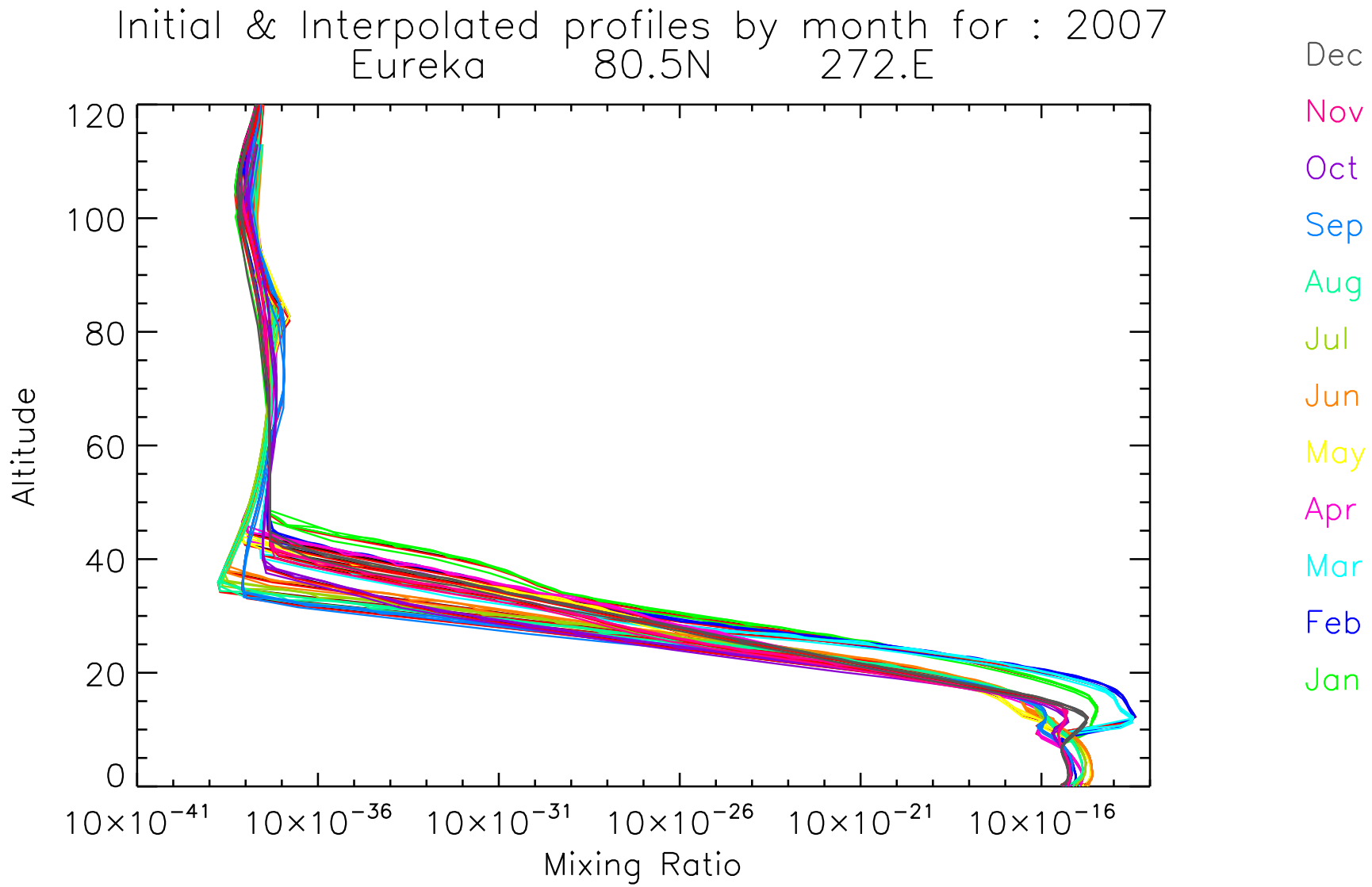
Initial & Interpolated profiles by month for : 2007
Eureka 80.5N 272.E
Altitude
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Mixing Ratio
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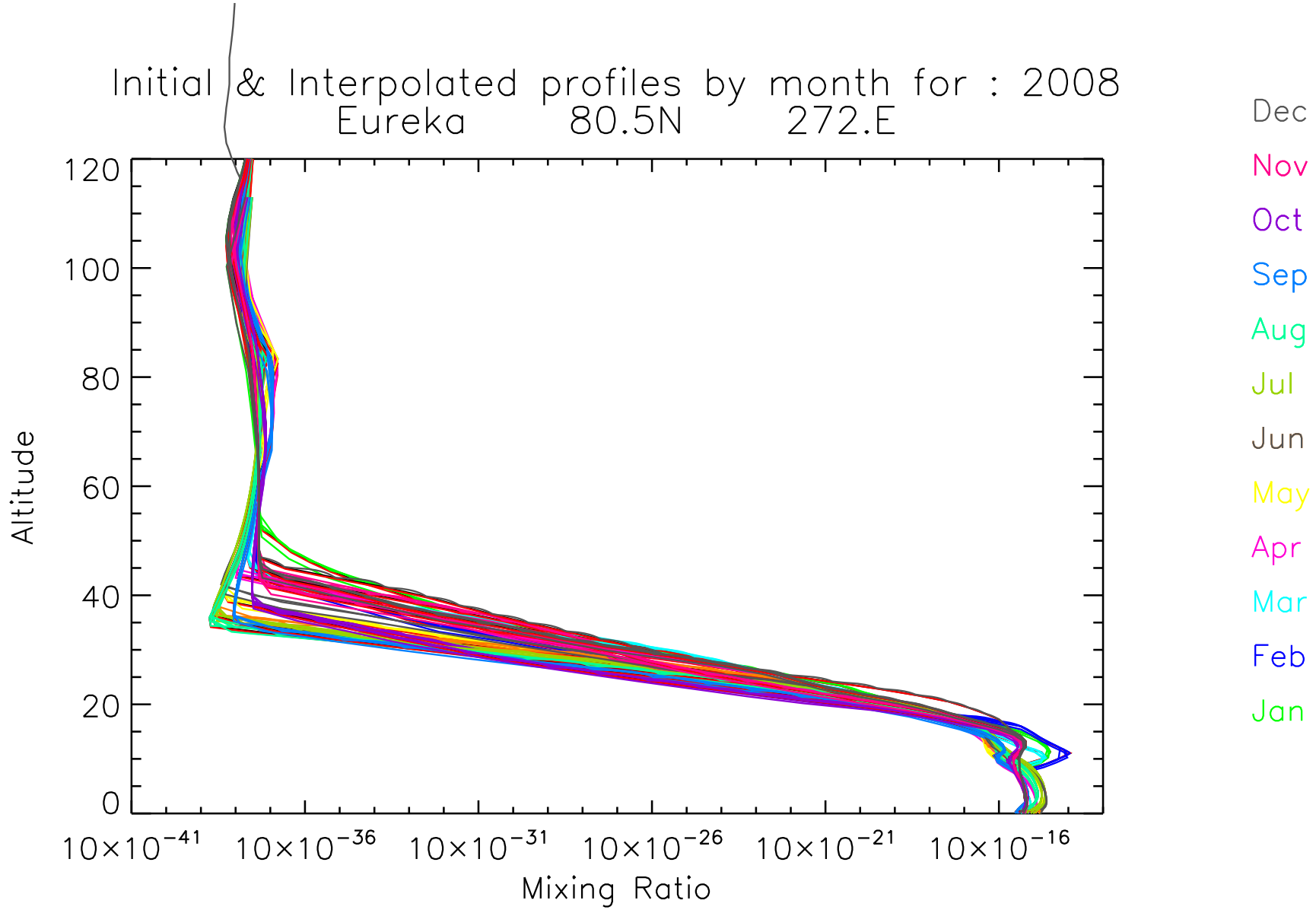
Initial & Interpolated profiles by month for : 2008
Eureka 80.5N 272.E
Altitude
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Mixing Ratio
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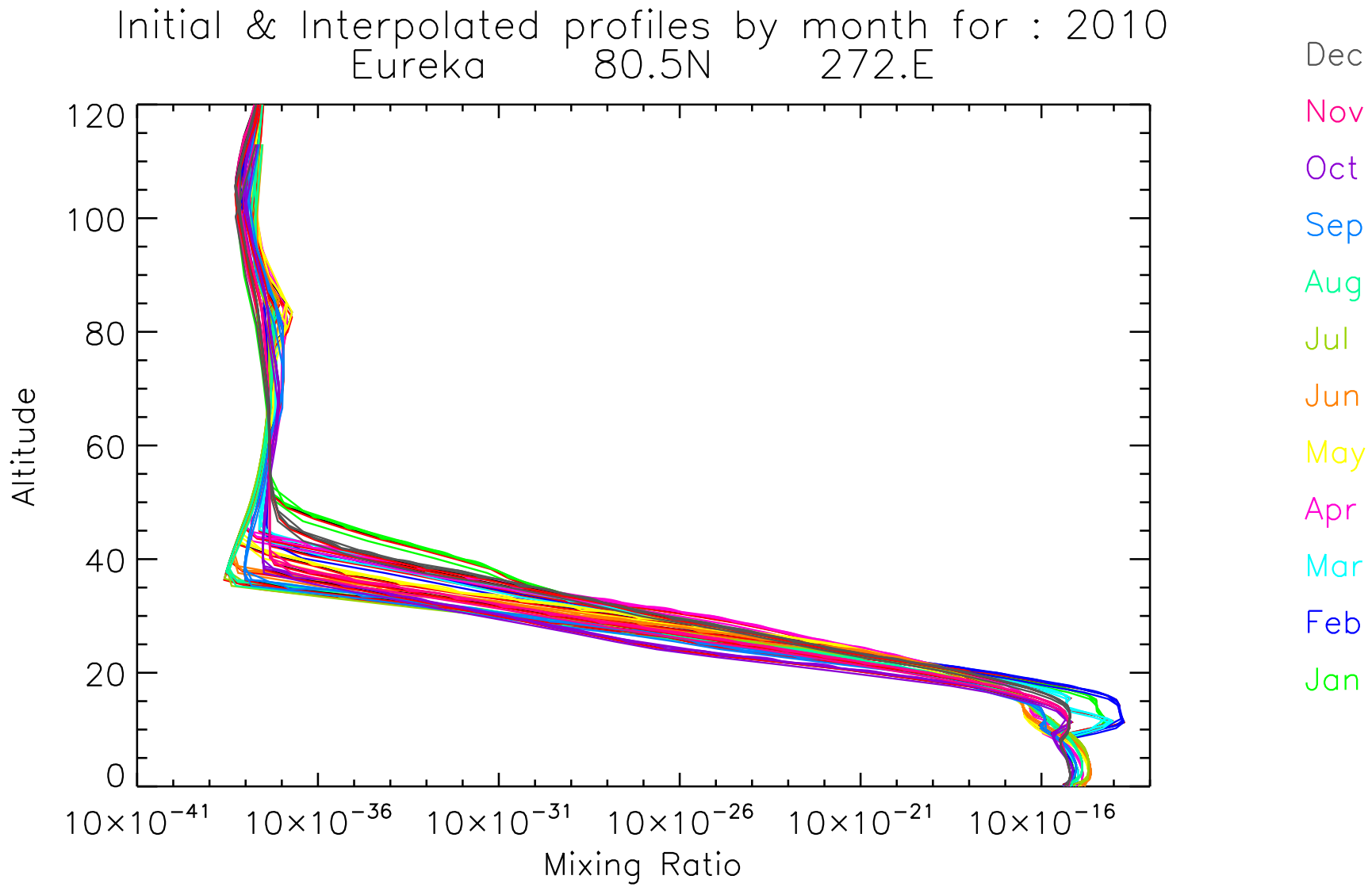
Initial & Interpolated profiles by month for : 2010
Eureka 80.5N 272.E
Altitude
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Mixing Ratio
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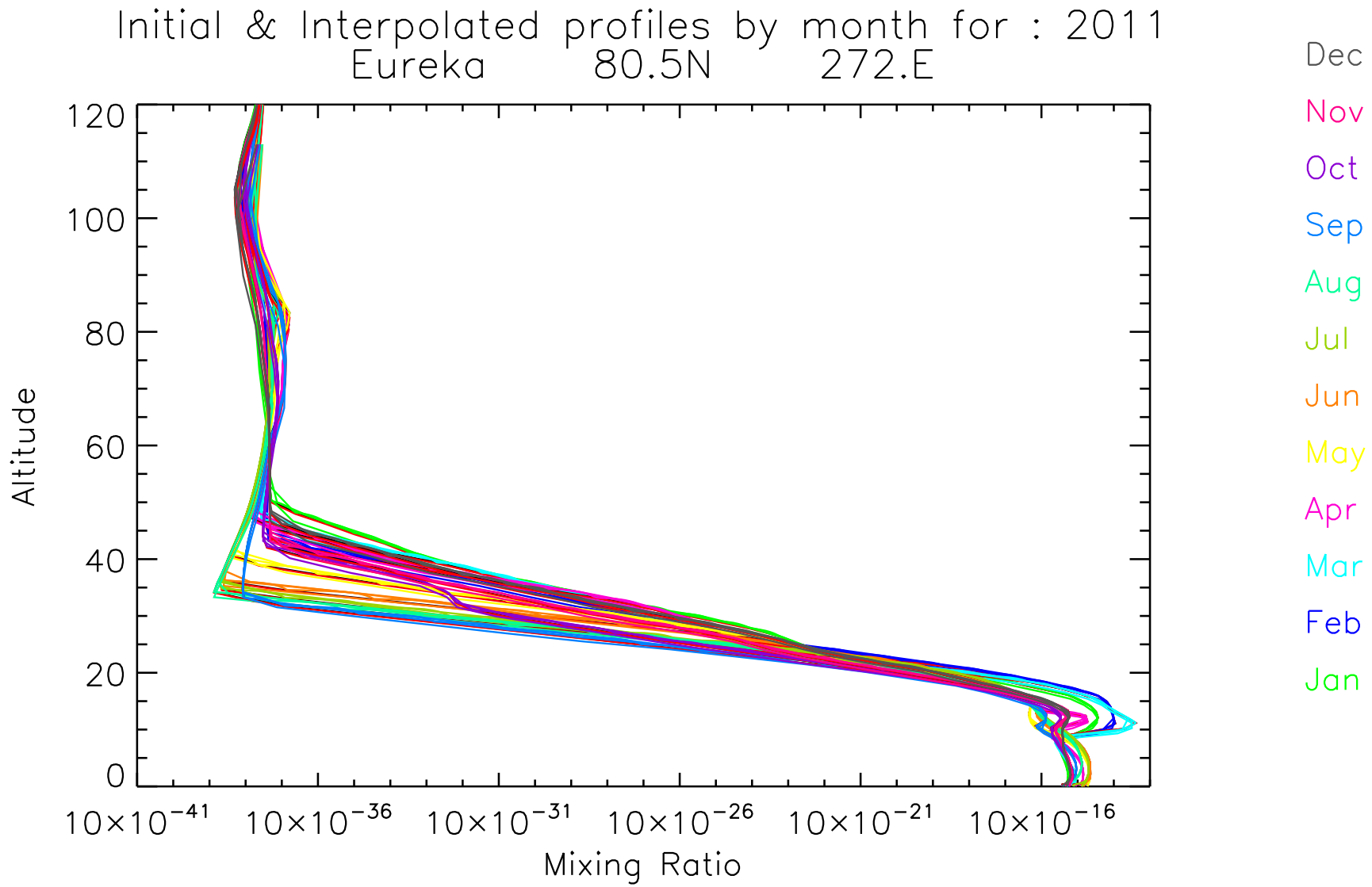
Initial & Interpolated profiles by month for : 2011
Eureka 80.5N 272.E
Altitude
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Mixing Ratio
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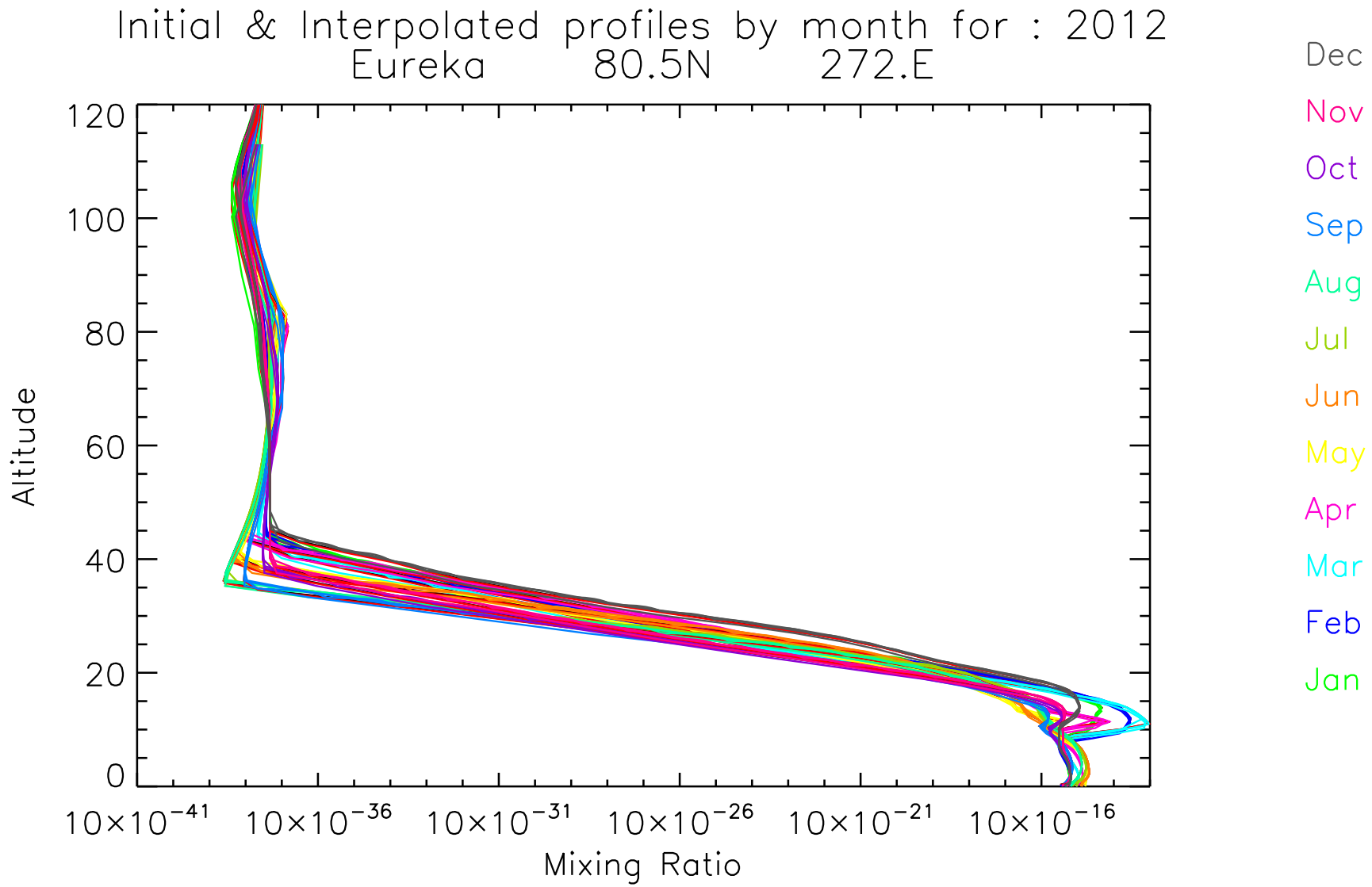
Initial & Interpolated profiles by month for : 2012
Eureka 80.5N 272.E
Altitude
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Mixing Ratio
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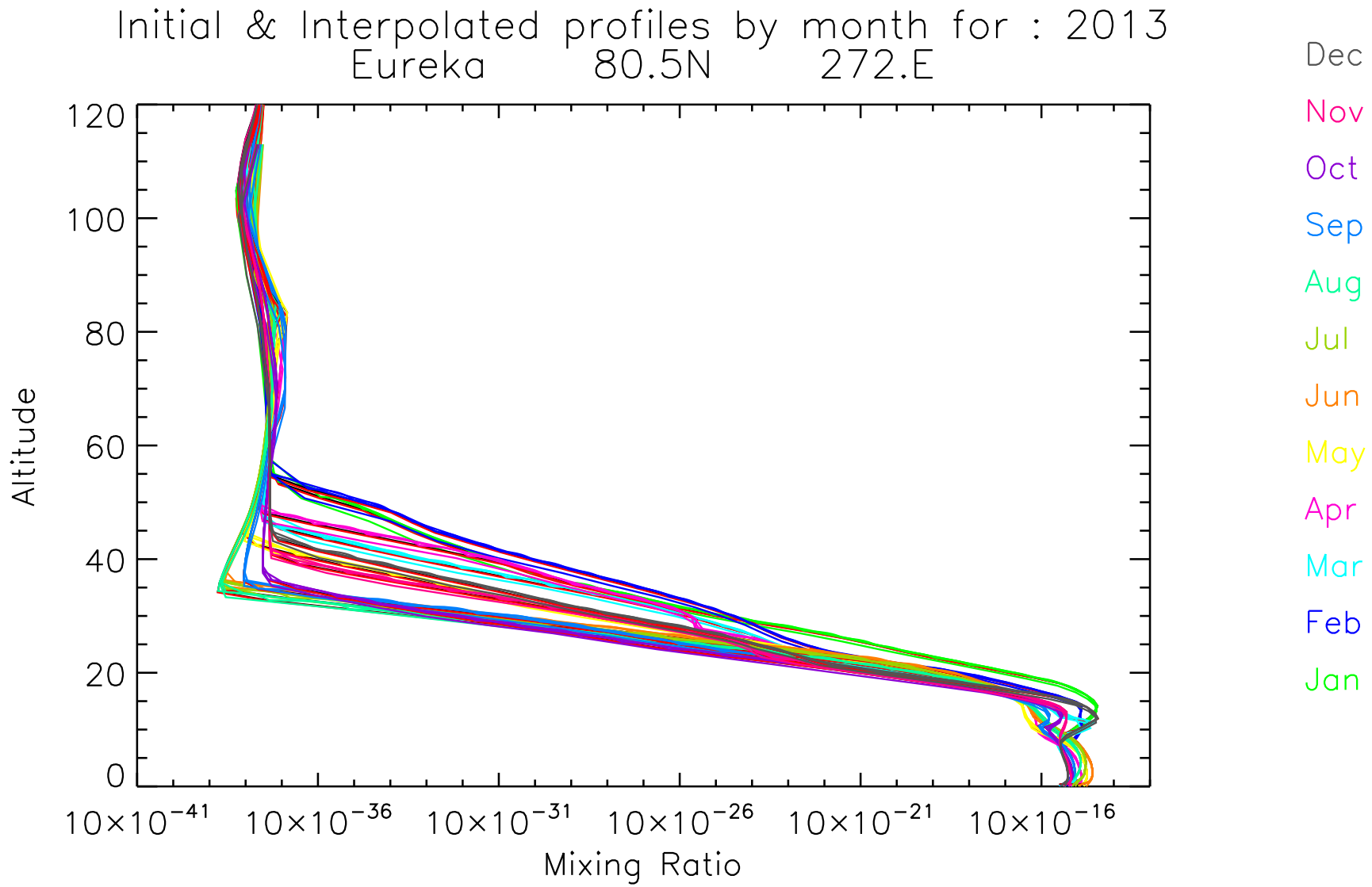
Initial & Interpolated profiles by month for : 2013
Eureka 80.5N 272.E
Altitude
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Mixing Ratio
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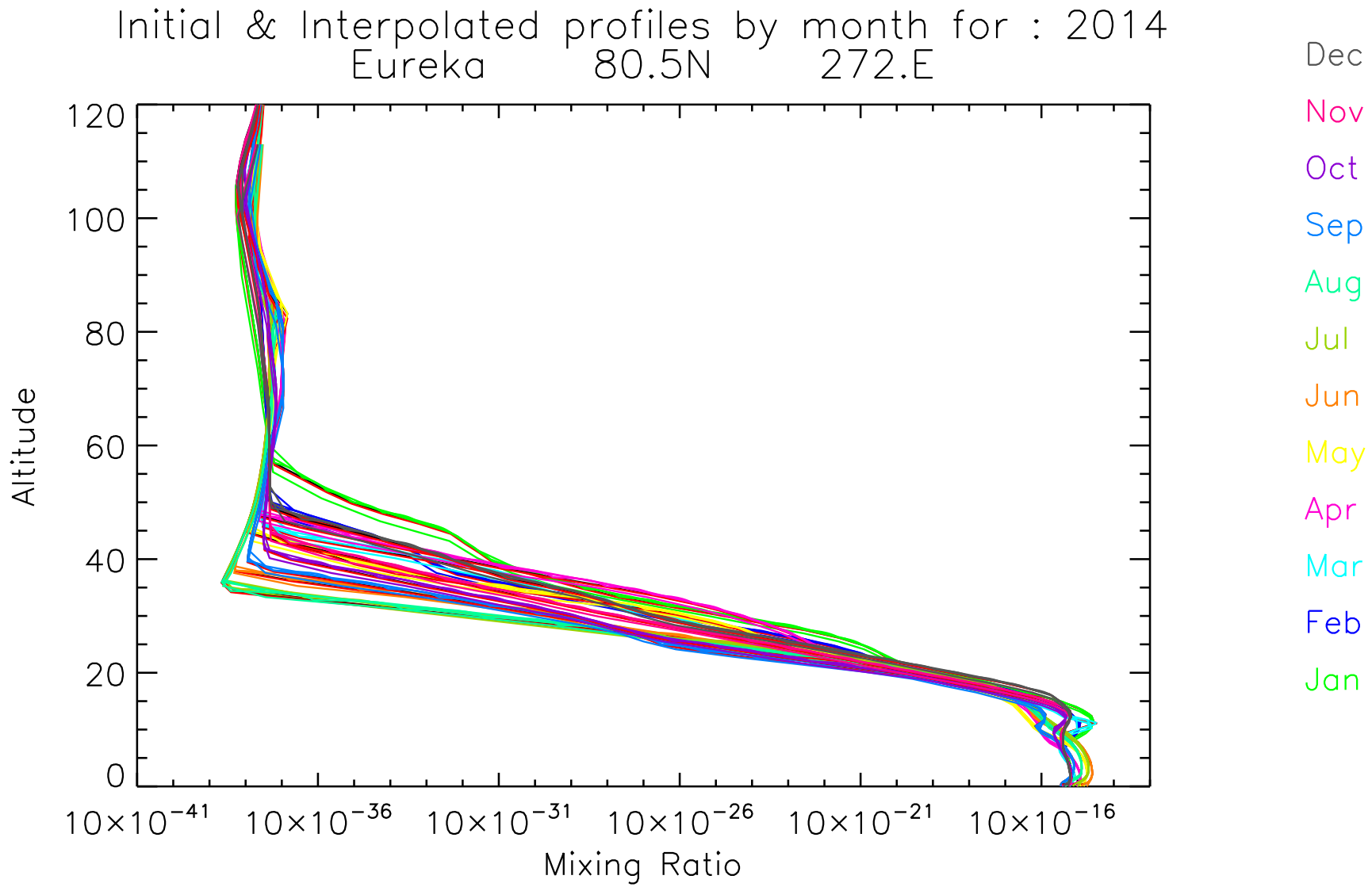
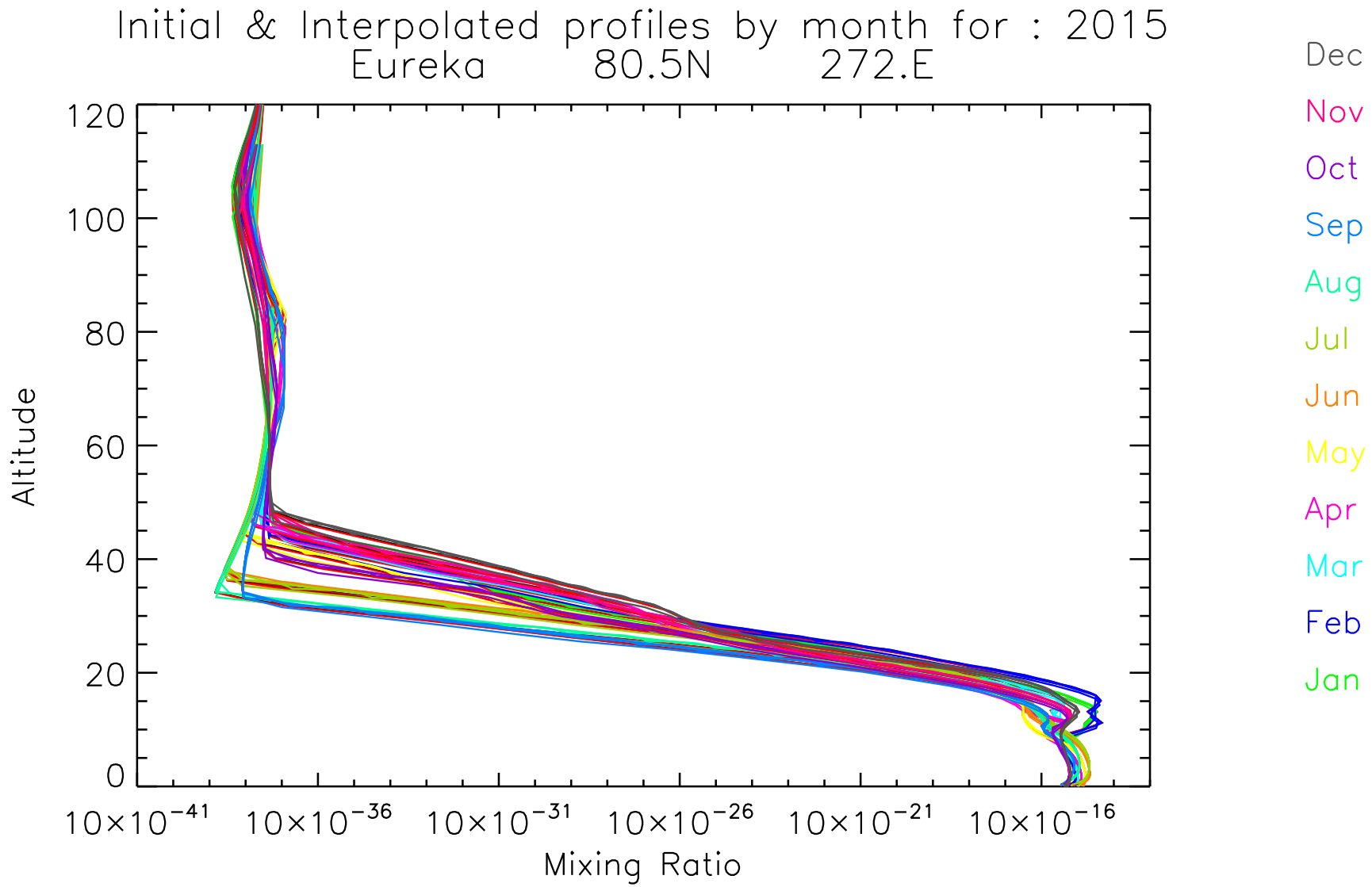
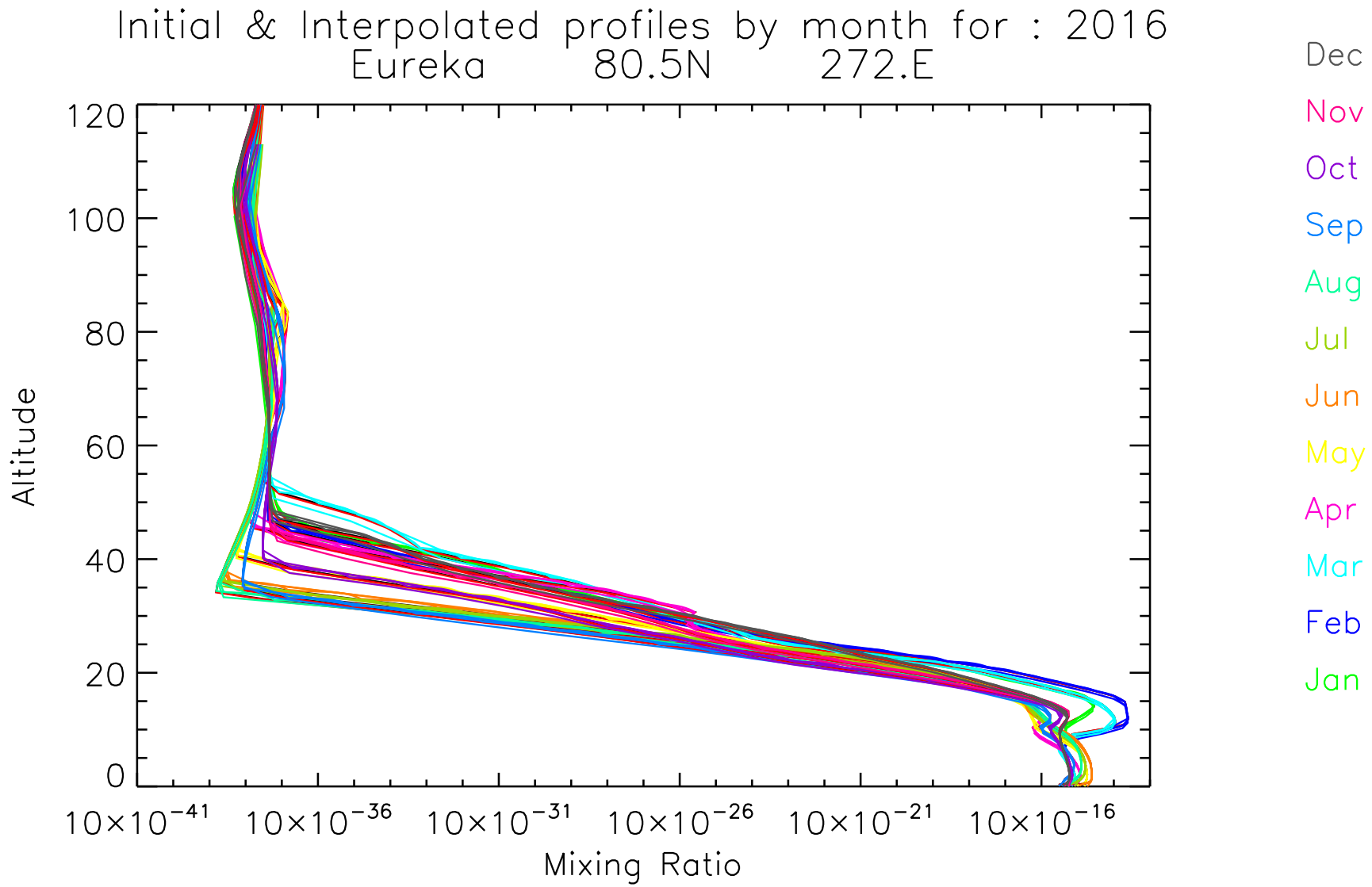
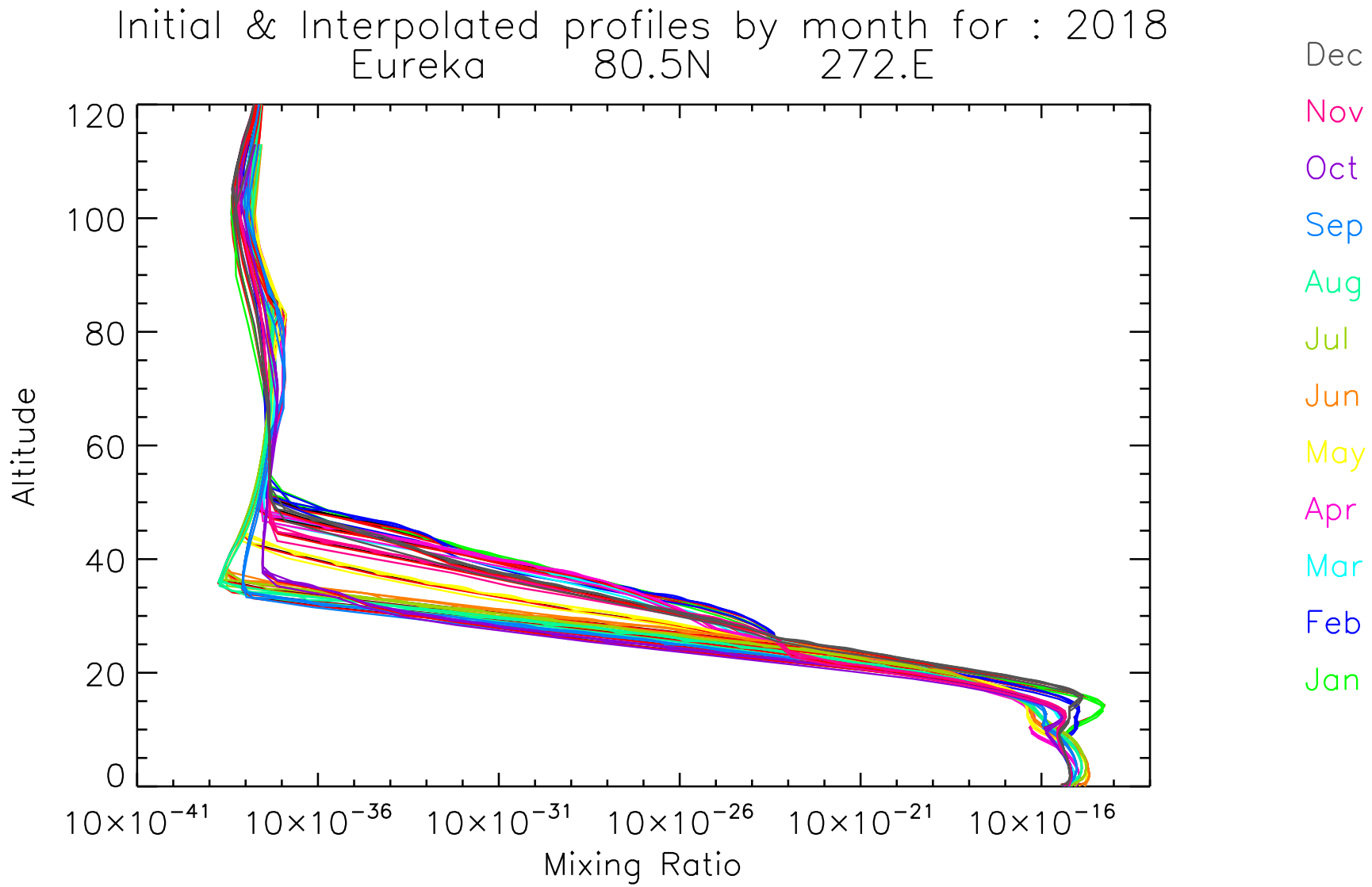
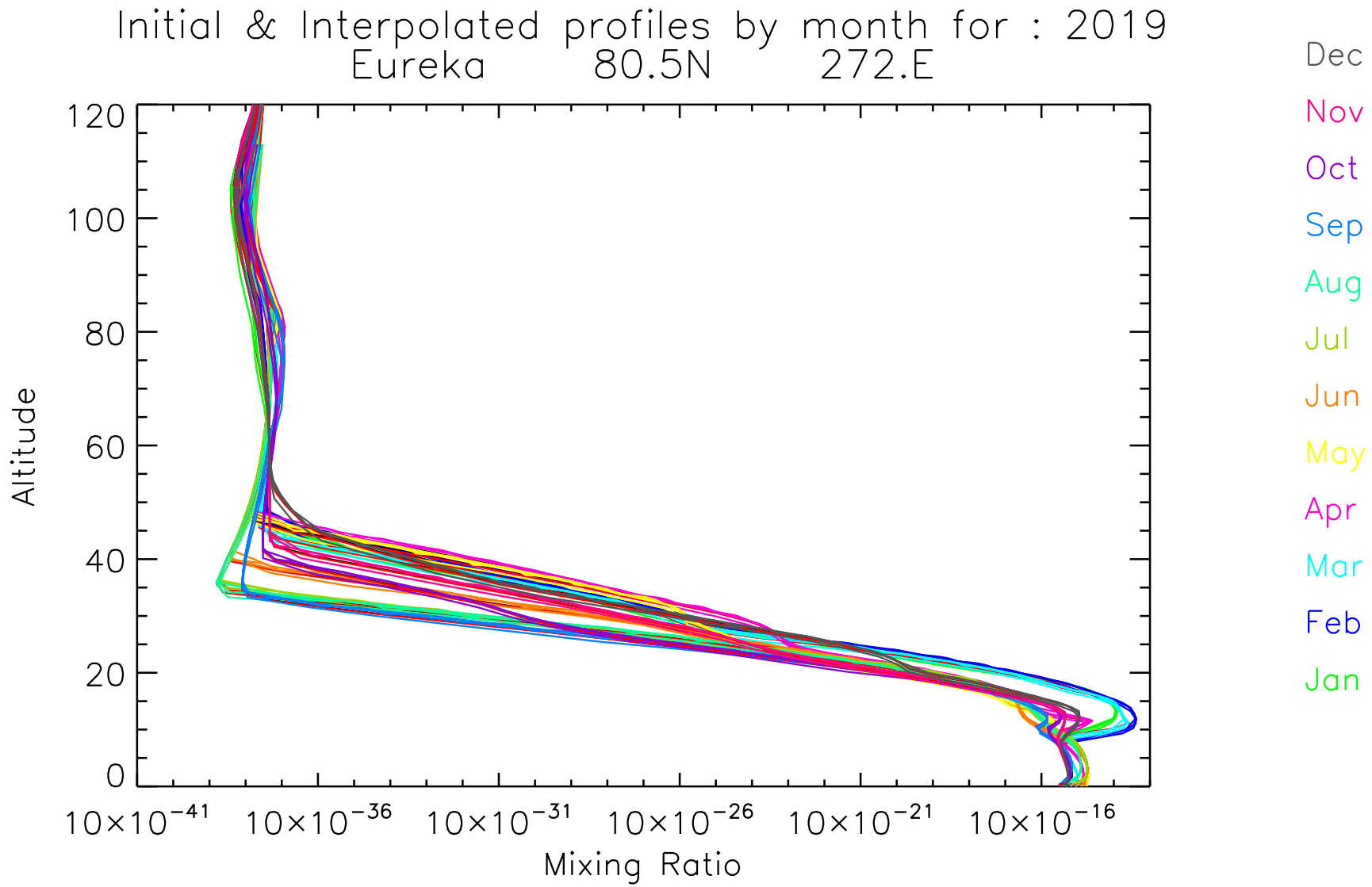
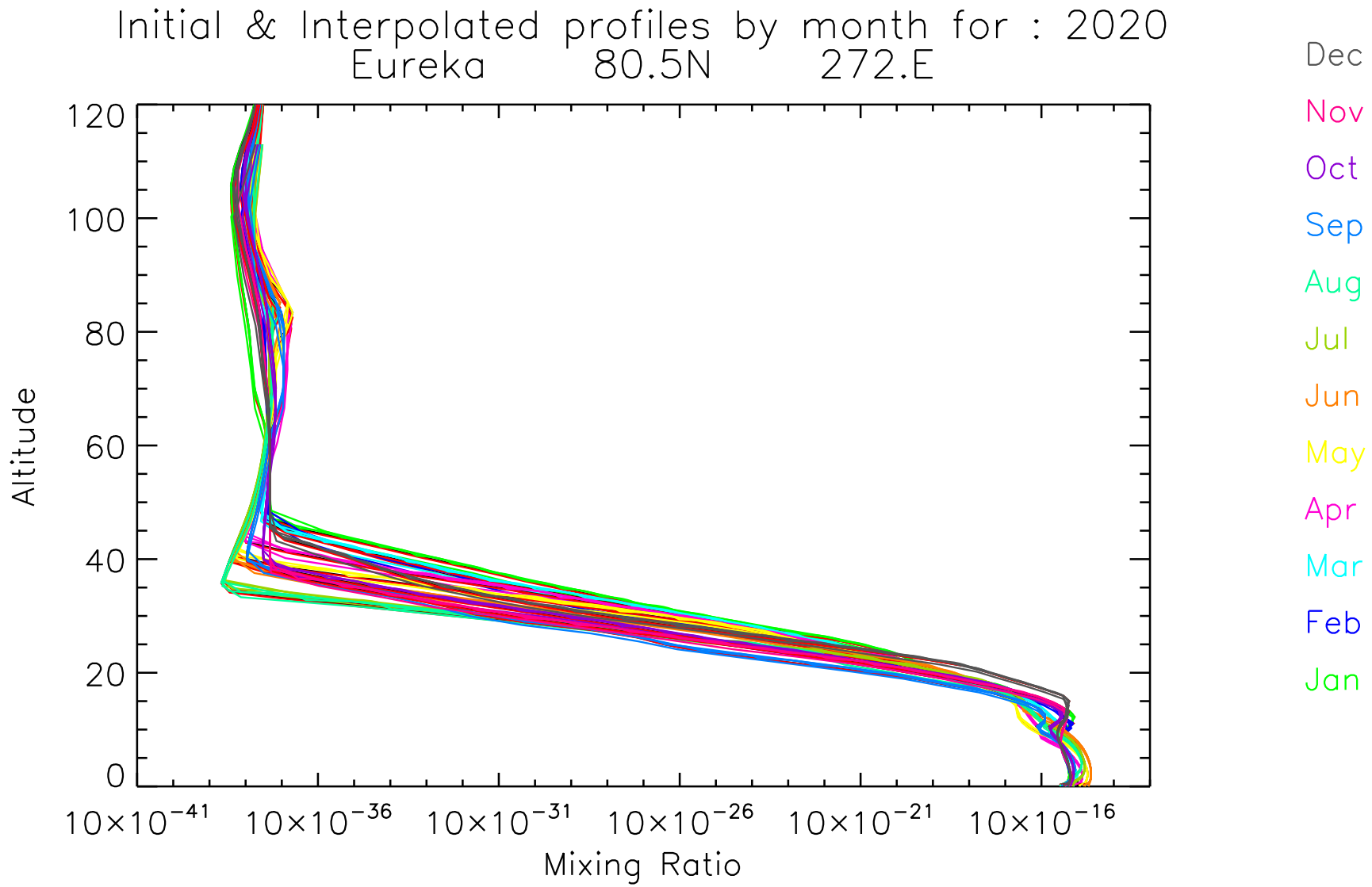

Initial & Interpolated profiles by month for : 2014
Eureka 80.5N 272.E
Altitude
120
100
80
60
40
20
0
10×10^-41
10×10^-36
10×10^-31
10×10^-26
10×10^-21
10×10^-16
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

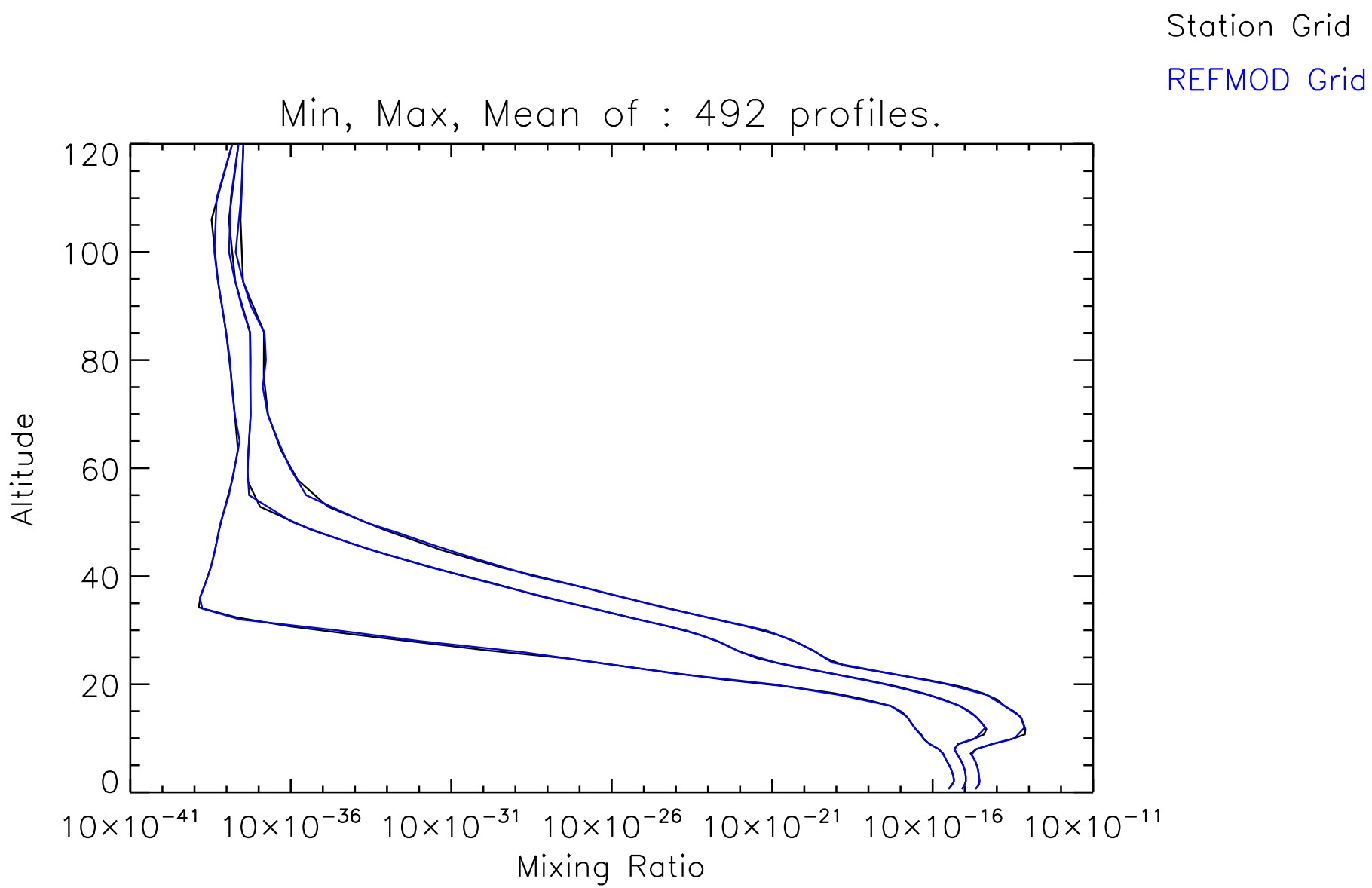

Initial & Interpolated profiles by month for : 2015
Eureka 80.5N 272.E
Altitude
120
100
80
60
40
20
0
10×10^-41
10×10^-36
10×10^-31
10×10^-26
10×10^-21
10×10^-16
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

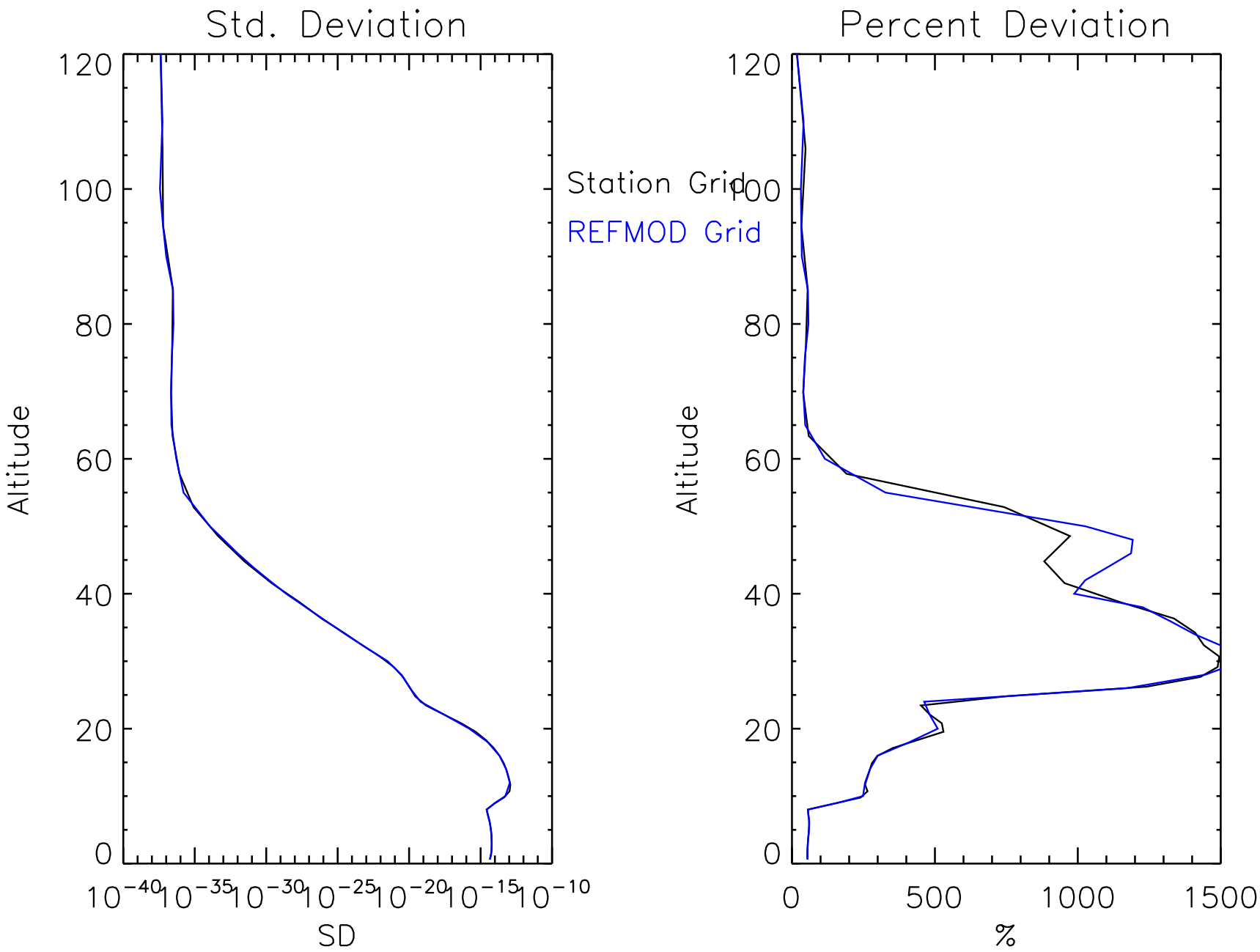

Initial & Interpolated profiles by month for : 2016
Eureka 80.5N 272.E
Altitude
120
100
80
60
40
20
0
10×10^-41
10×10^-36
10×10^-31
10×10^-26
10×10^-21
10×10^-16
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

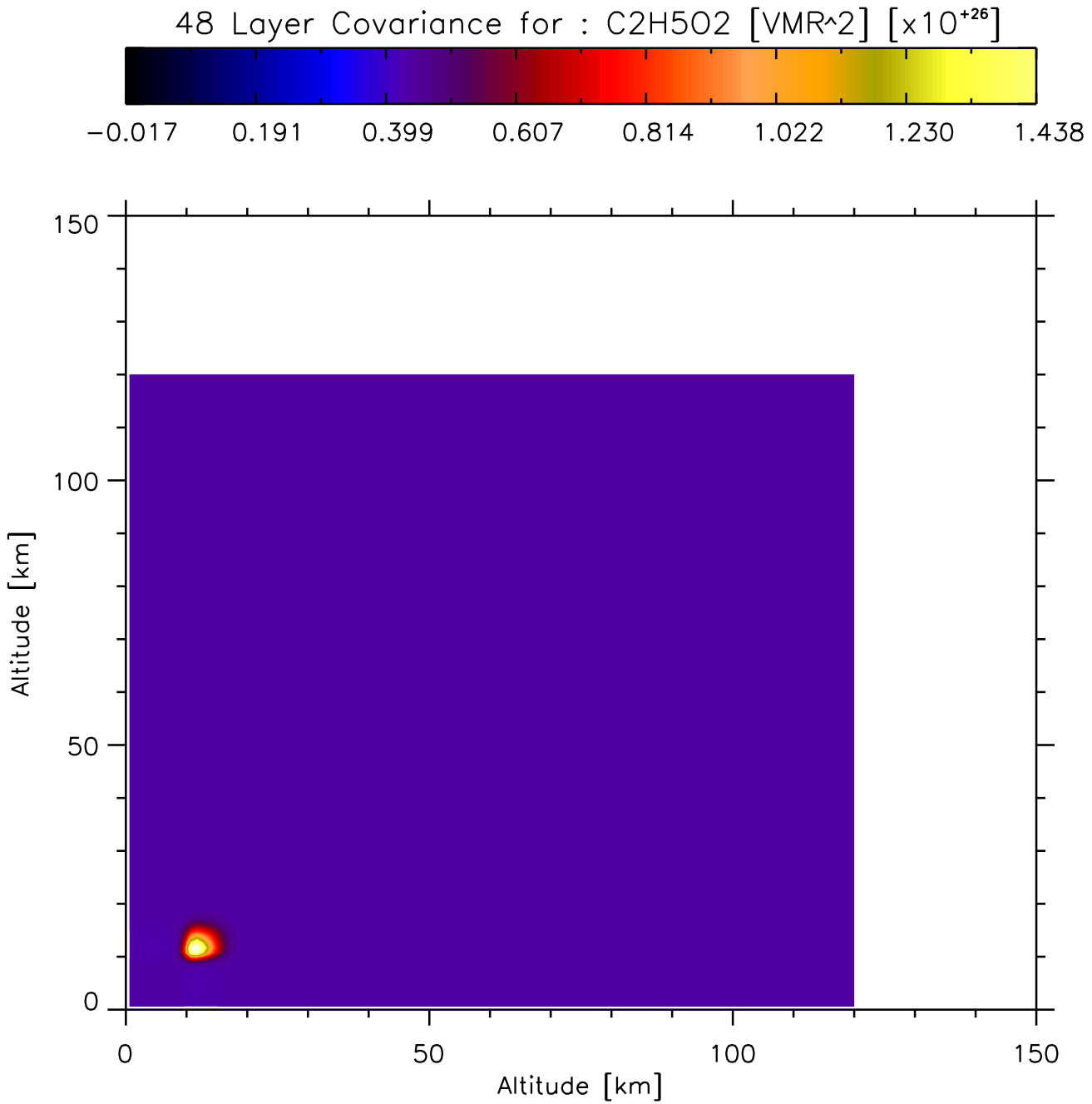

Initial & Interpolated profiles by month for : 2018
Eureka 80.5N 272.E
Altitude
120
100
80
60
40
20
0
10×10^-41
10×10^-36
10×10^-31
10×10^-26
10×10^-21
10×10^-16
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan


Initial & Interpolated profiles by month for : 2019
Eureka 80.5N 272.E
Altitude
120
100
80
60
40
20
0
10×10^-41
10×10^-36
10×10^-31
10×10^-26
10×10^-21
10×10^-16
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

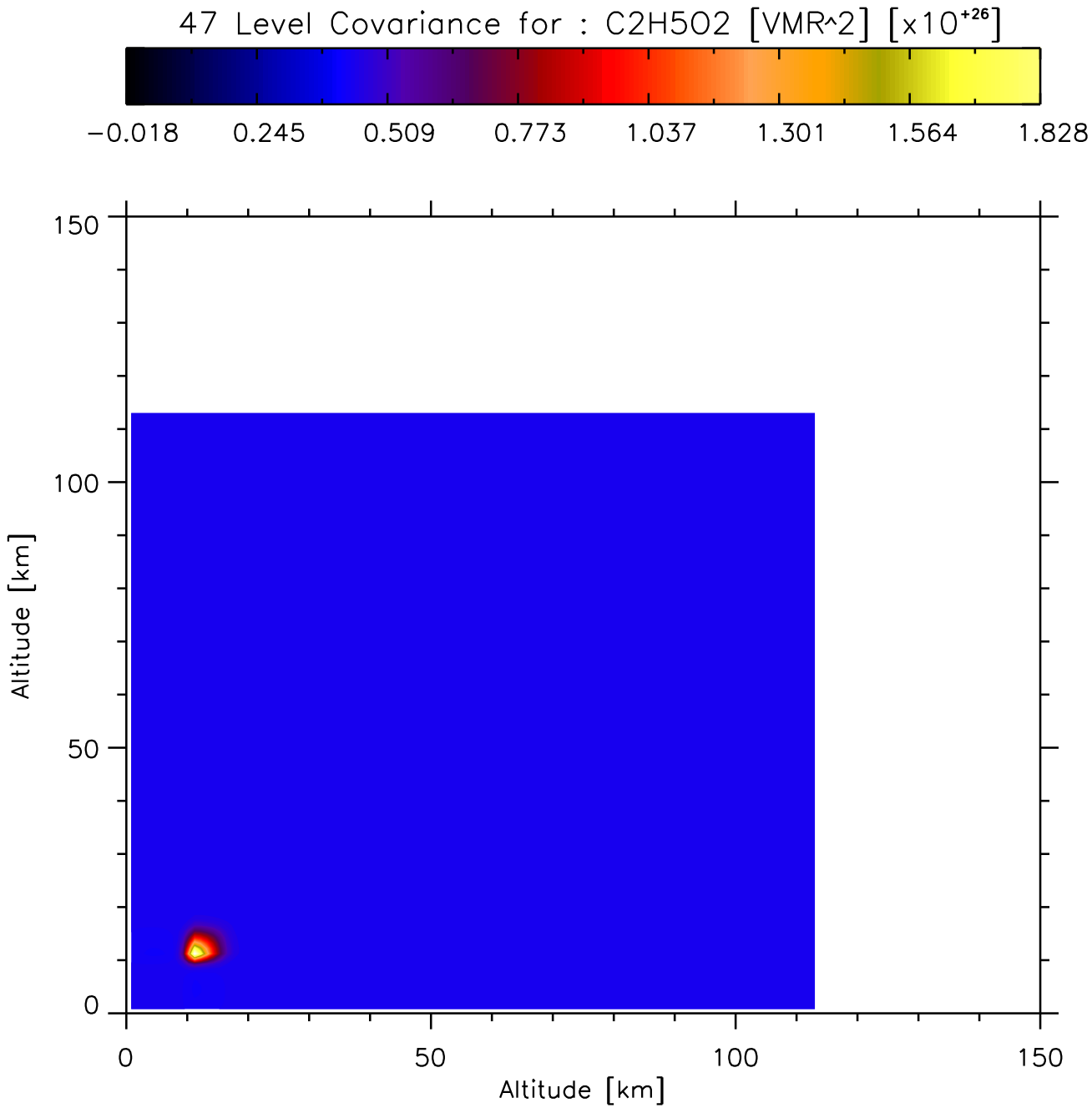

Initial & Interpolated profiles by month for : 2020
Eureka 80.5N 272.E
Altitude
120
100
80
60
40
20
0
10×10^-41
10×10^-36
10×10^-31
10×10^-26
10×10^-21
10×10^-16
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan


Station Grid
REFMOD Grid
Min, Max, Mean of : 492 profiles.
Altitude
120
100
80
60
40
20
0
10×10^-41
10×10^-36
10×10^-31
10×10^-26
10×10^-21
10×10^-16
10×10^-11
Mixing Ratio


Std. Deviation
Percent Deviation
Station Grid
REFMOD Grid
Altitude
Altitude
120
100
80
60
40
20
0
10^{-40} 10^{-35} 10^{-30} 10^{-25} 10^{-20} 10^{-15} 10^{-10}
SD
0
500
1000
1500
%


48 Layer Covariance for : C2H5O2 [VMR^2] [x10^+26]
−0.017
0.191
0.399
0.607
0.814
1.022
1.230
1.438
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]

48 Layer Covariance for : C2H5O2 [VMR^2] [x10^+26]
-0.5
0.0
0.5
1.0
1.5
Y Altitude
0
50
100
0
50
100
X Altitude


47 Level Covariance for : C2H5O2 [VMR^2] [x10^+26]
−0.018
0.245
0.509
0.773
1.037
1.301
1.564
1.828
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]