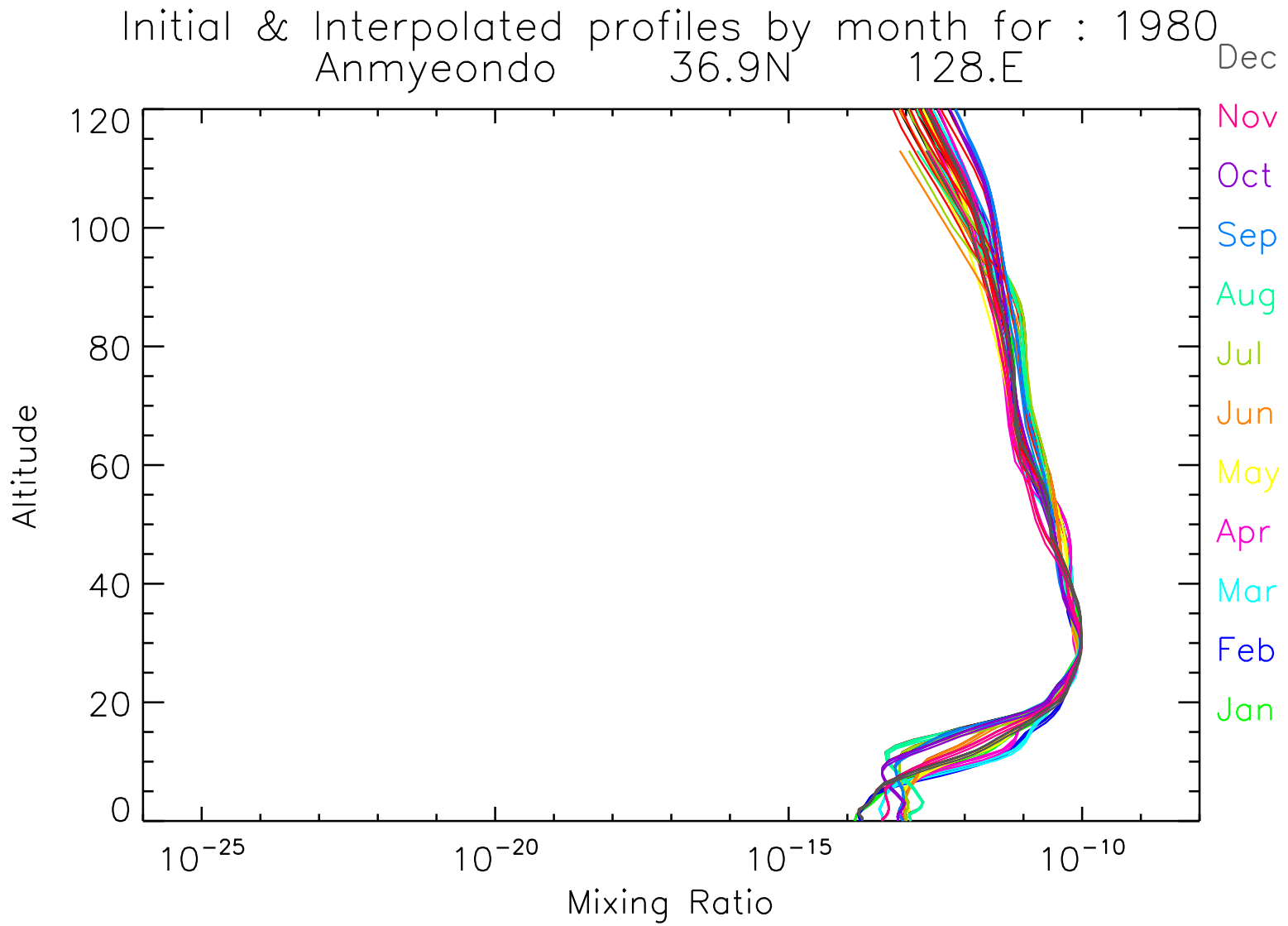
Initial & Interpolated profiles by month for : 1980
Anmyeondo 36.9N 128.E
Dec
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Altitude
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10^{-20}
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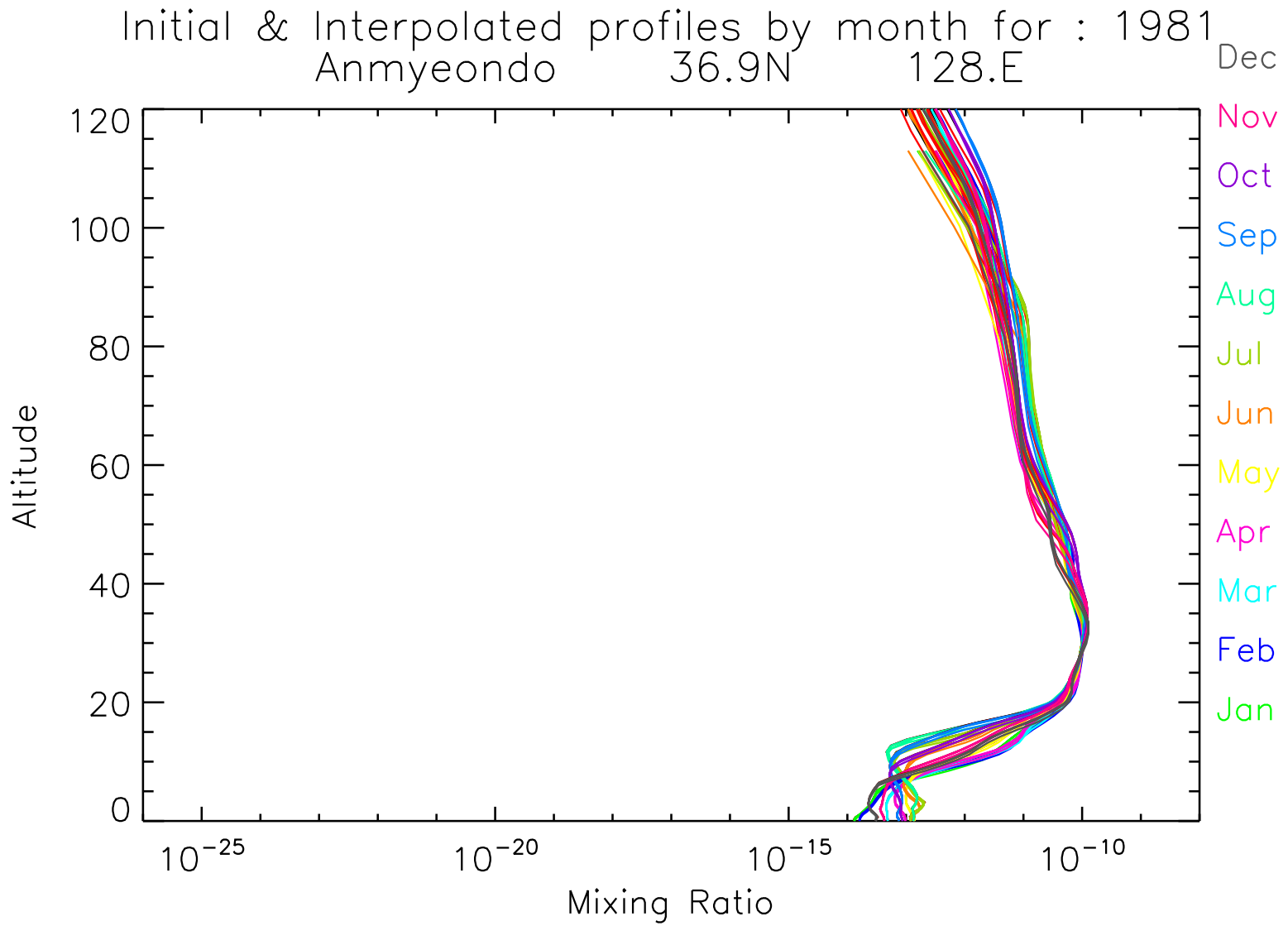
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1981
Anmyeondo 36.9N 128.E
Dec
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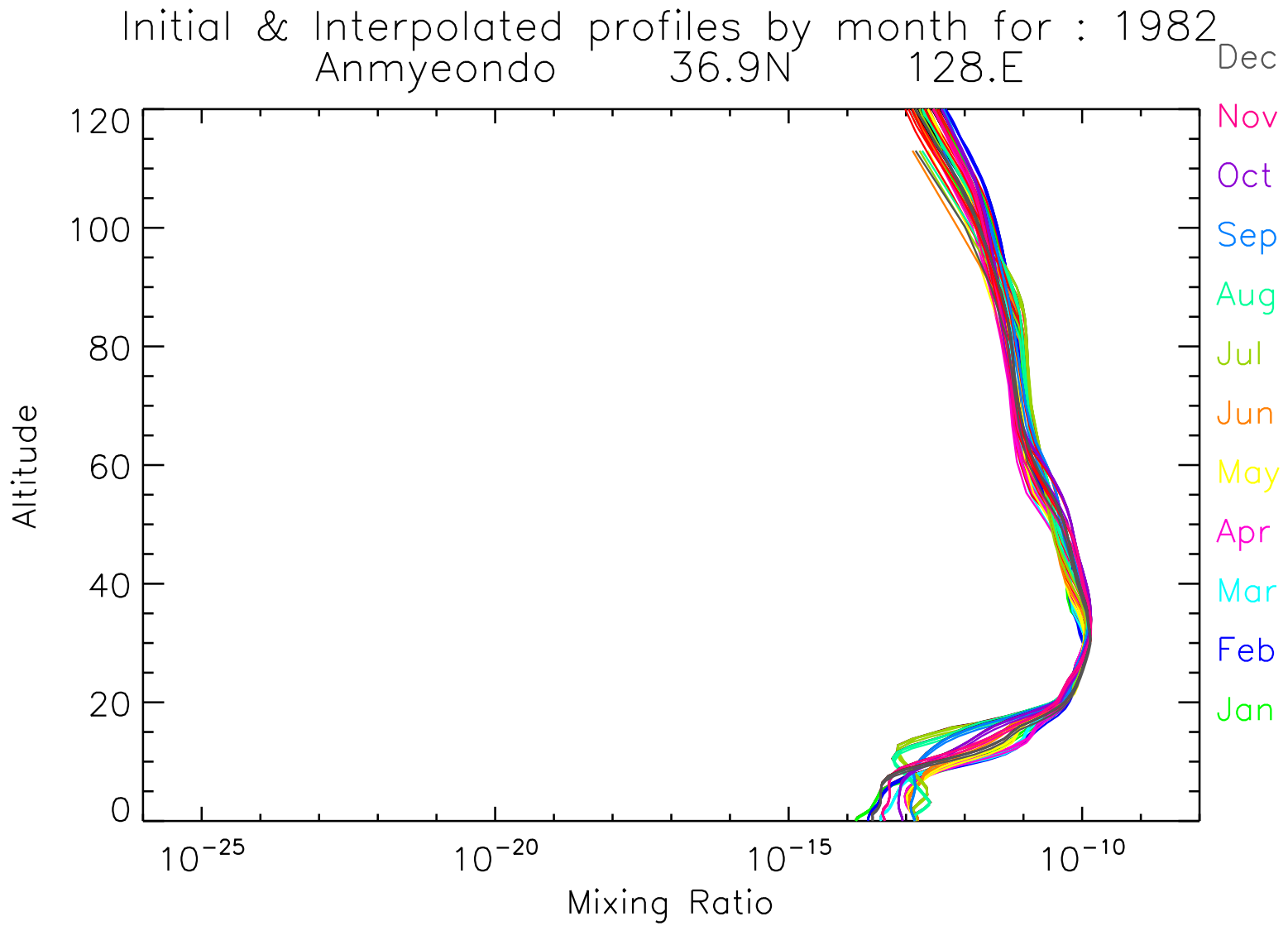
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1982
Anmyeondo 36.9N 128.E
Dec
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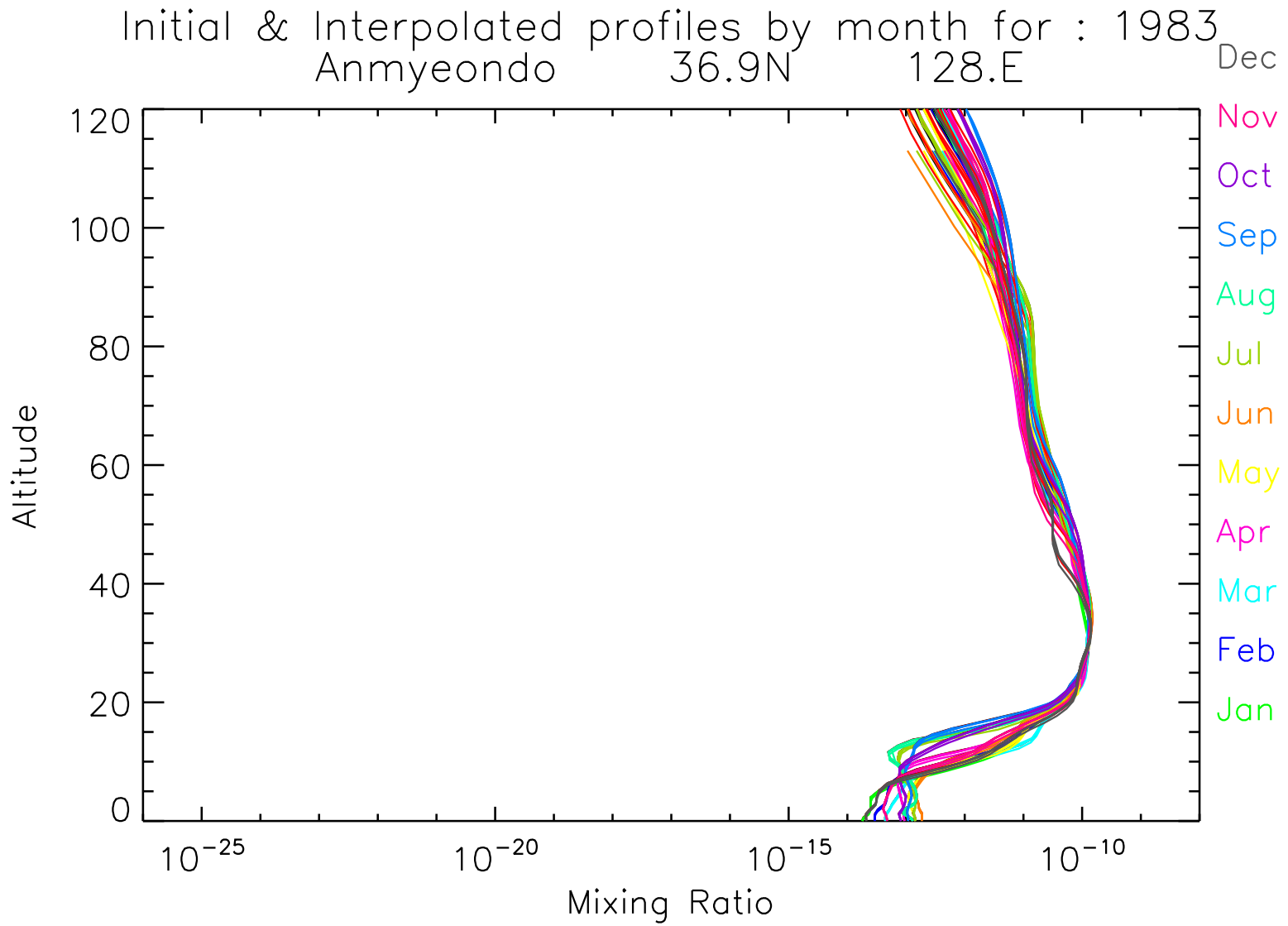
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1983
Anmyeondo 36.9N 128.E
Dec
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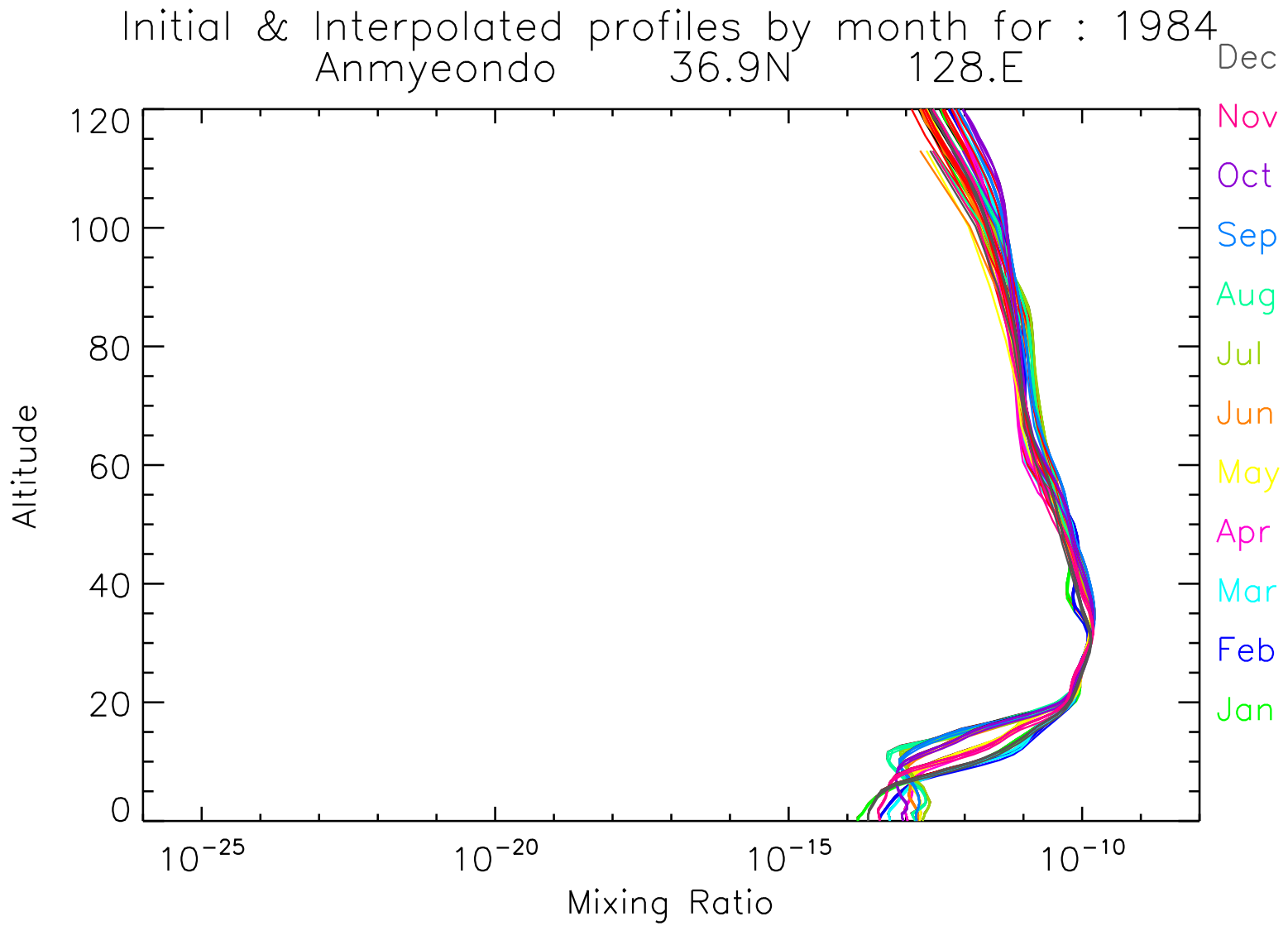
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1984
Anmyeondo 36.9N 128.E
Dec
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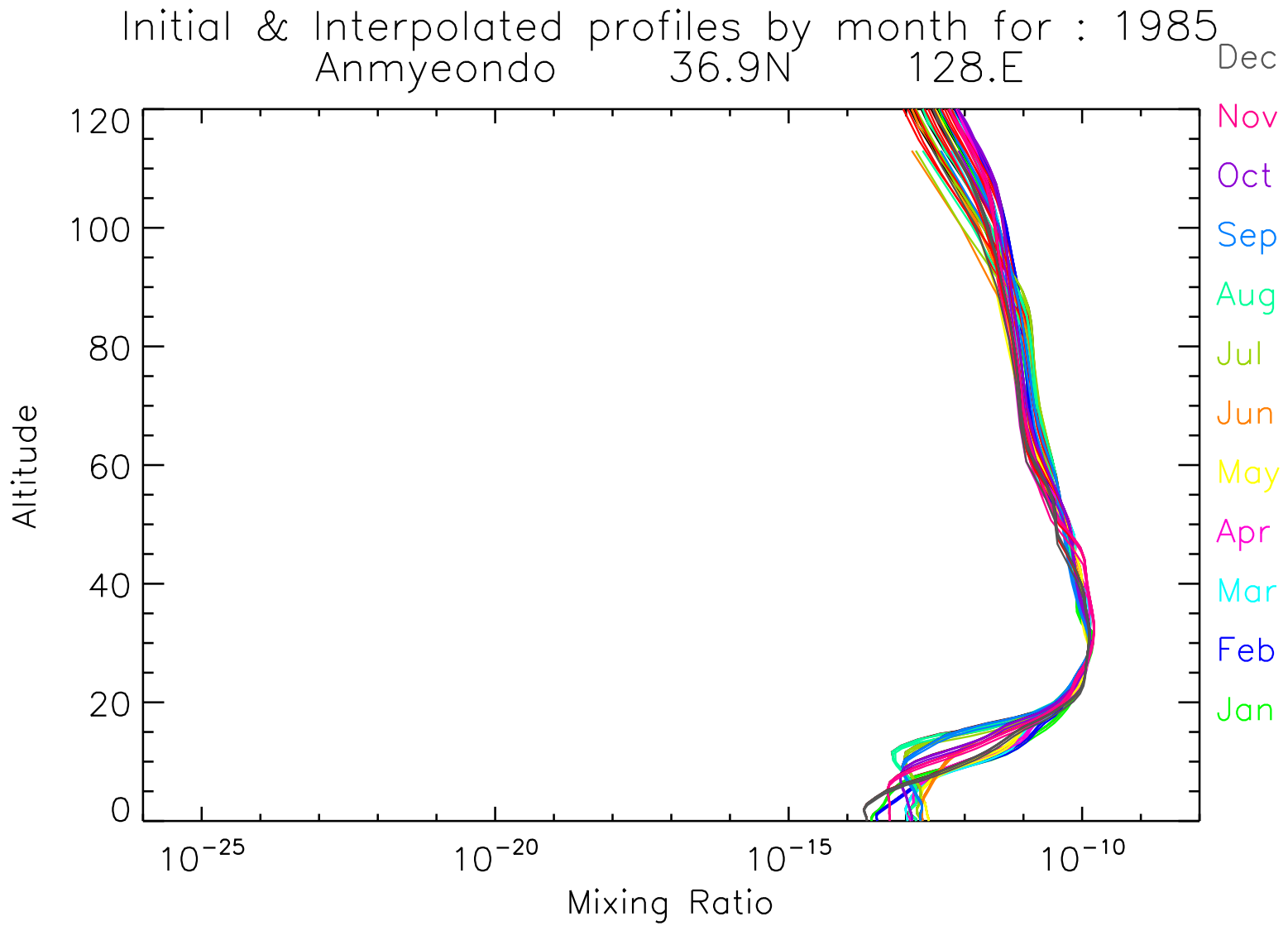
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1985
Anmyeondo 36.9N 128.E
Dec
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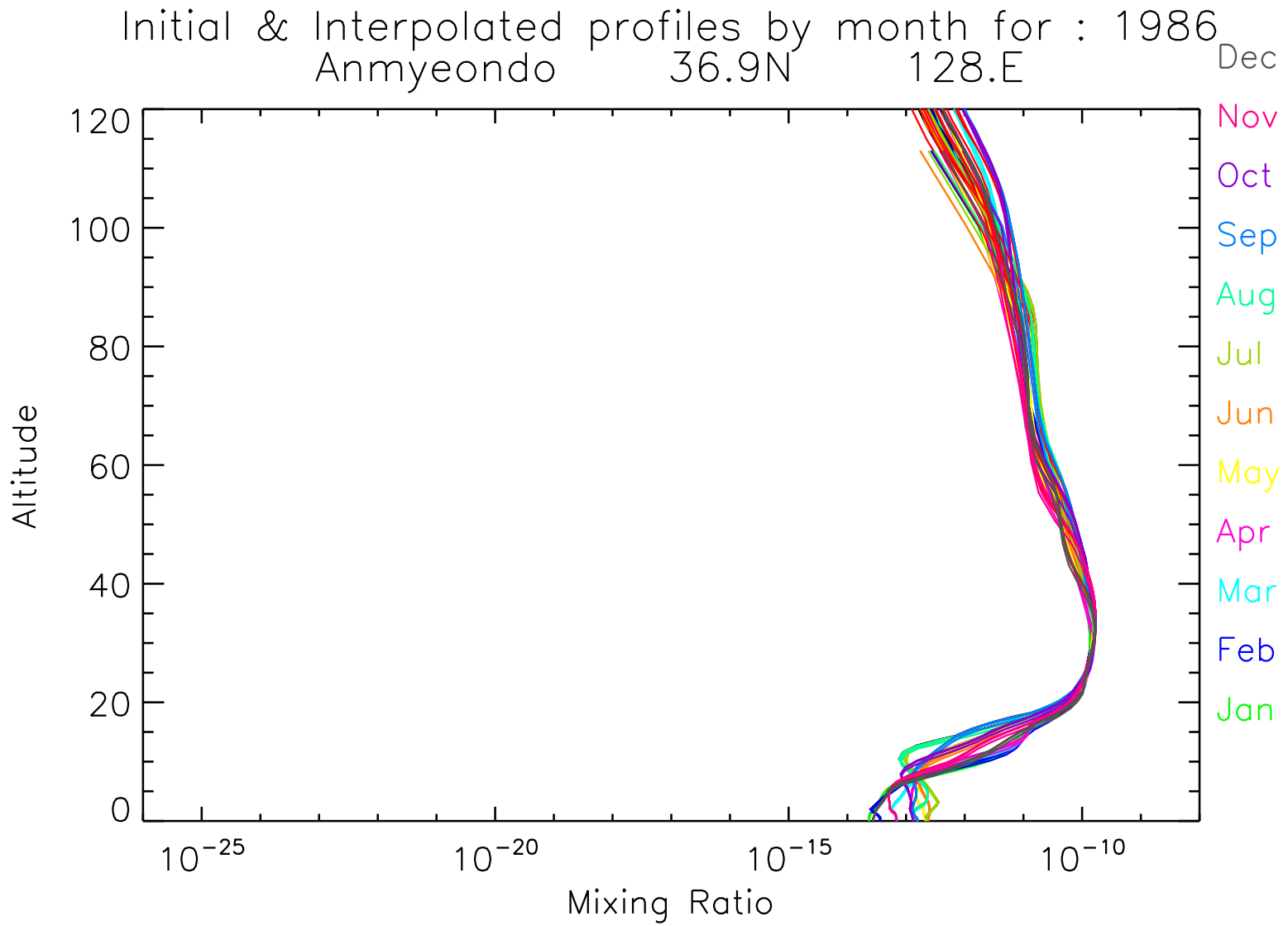
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1986
Anmyeondo 36.9N 128.E
Dec
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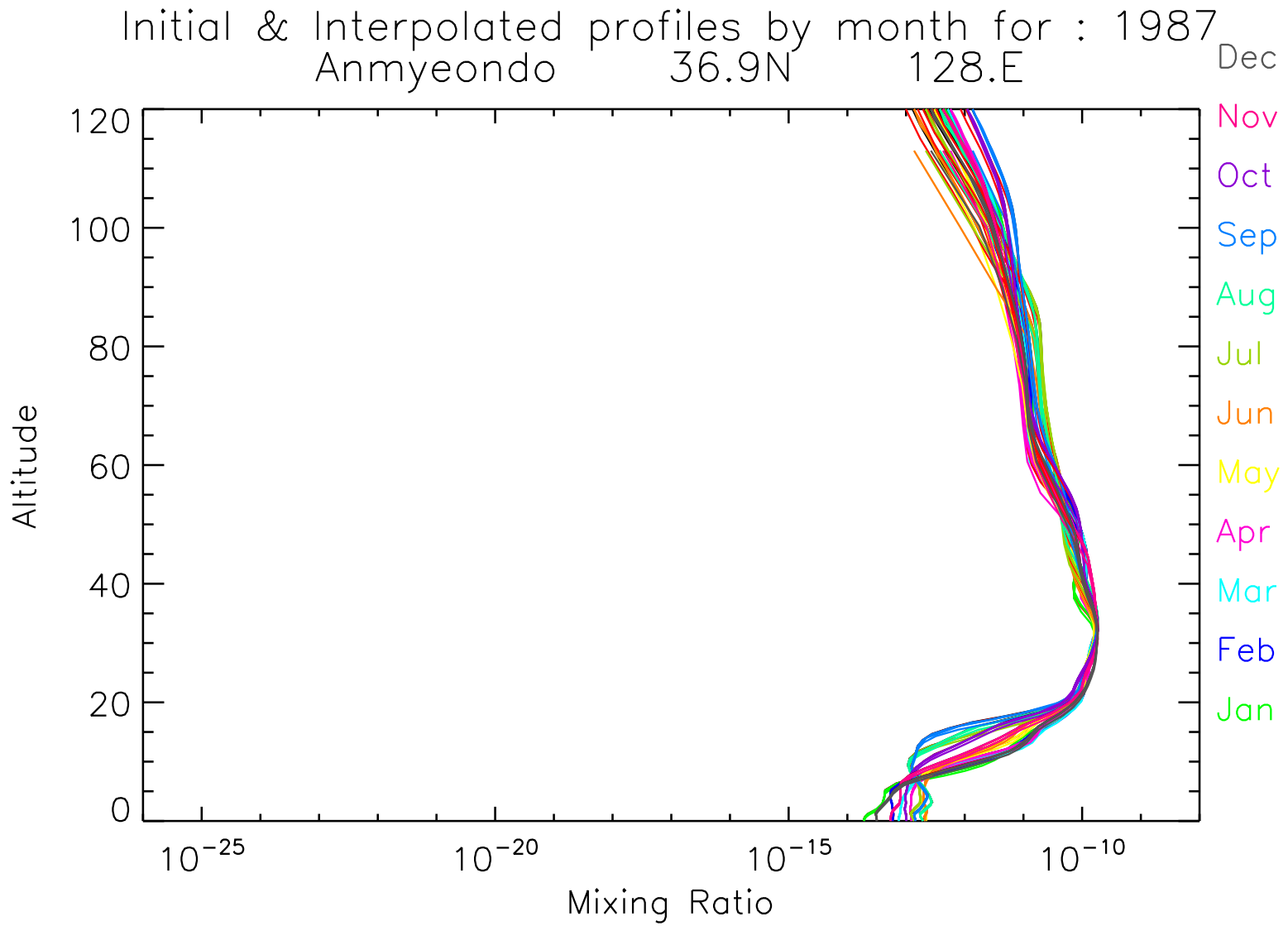
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1987
Anmyeondo 36.9N 128.E
Dec
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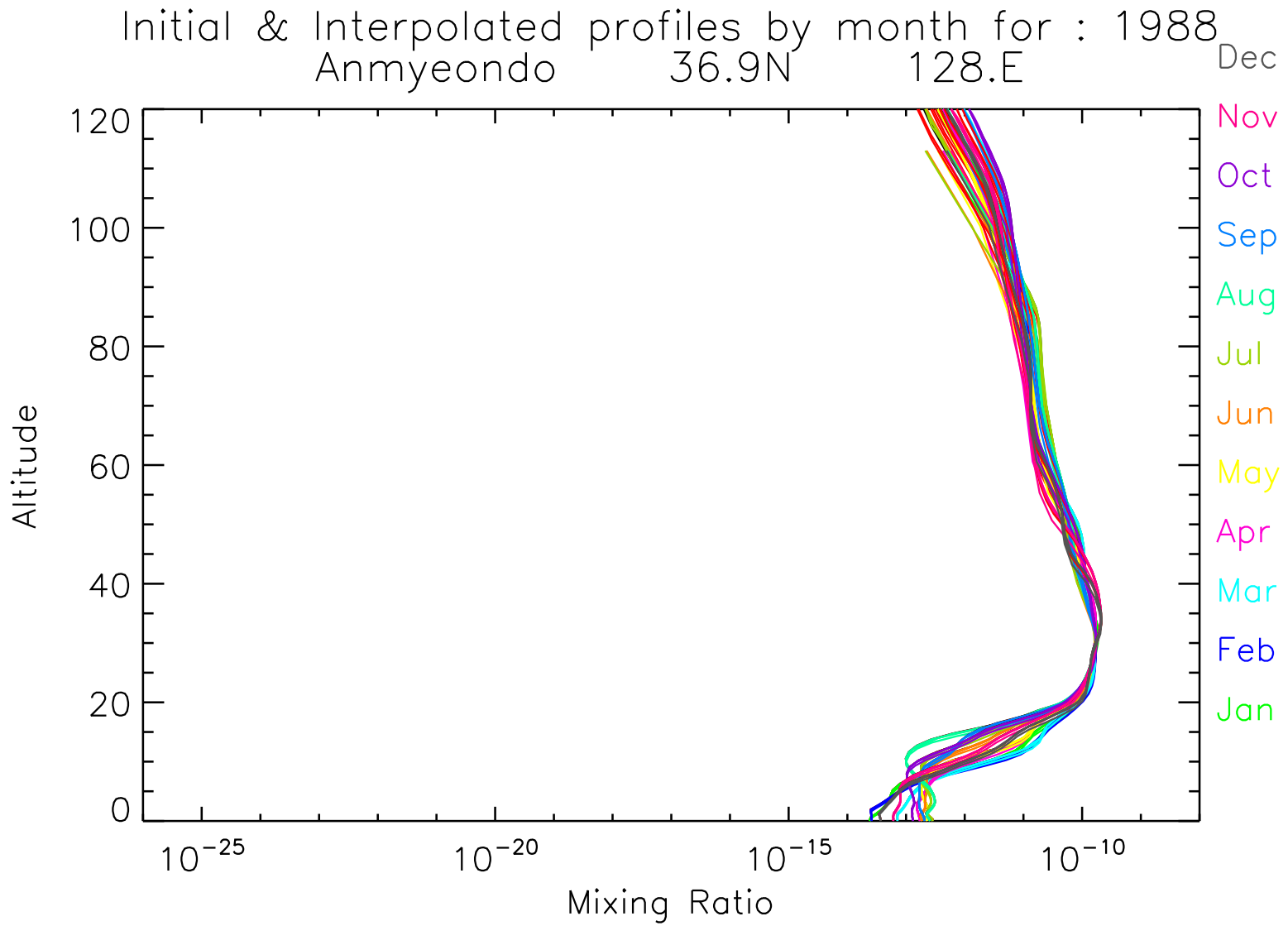
Mixing Ratio


Initial & Interpolated profiles by month for : 1988
Anmyeondo 36.9N 128.E
Dec
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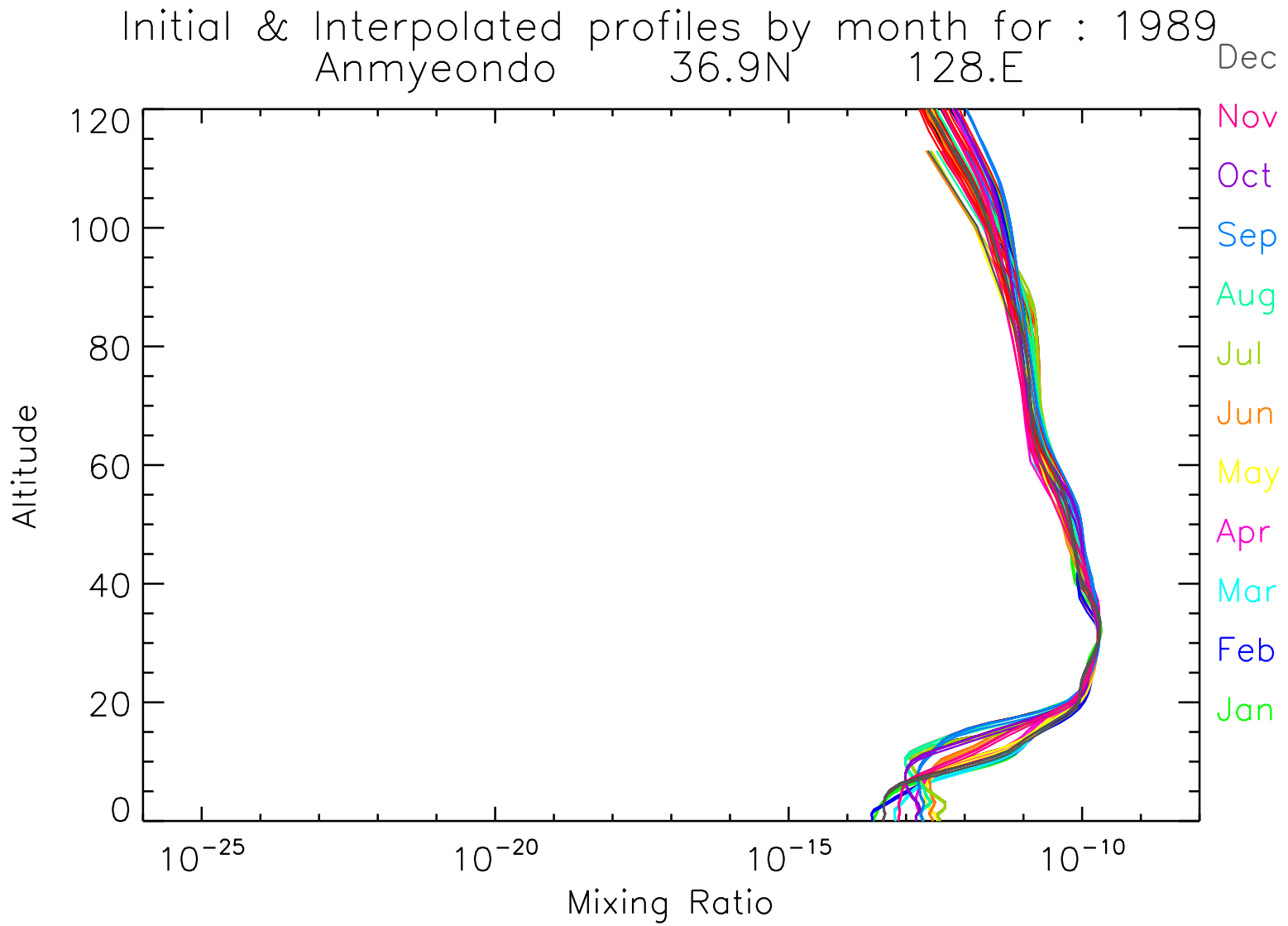
Mixing Ratio


Initial & Interpolated profiles by month for : 1989
Anmyeondo 36.9N 128.E
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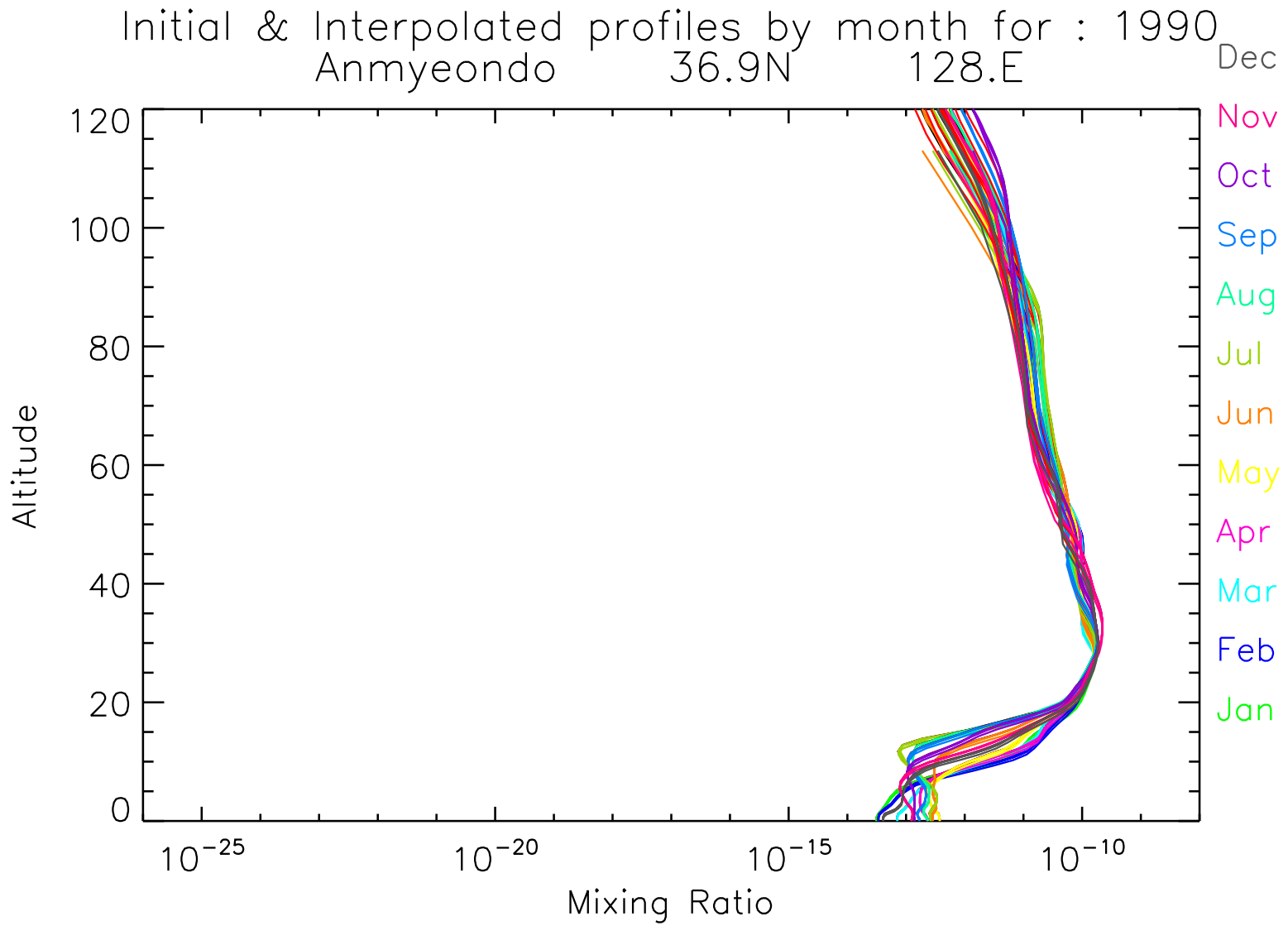
Mixing Ratio


Initial & Interpolated profiles by month for : 1990
Anmyeondo 36.9N 128.E
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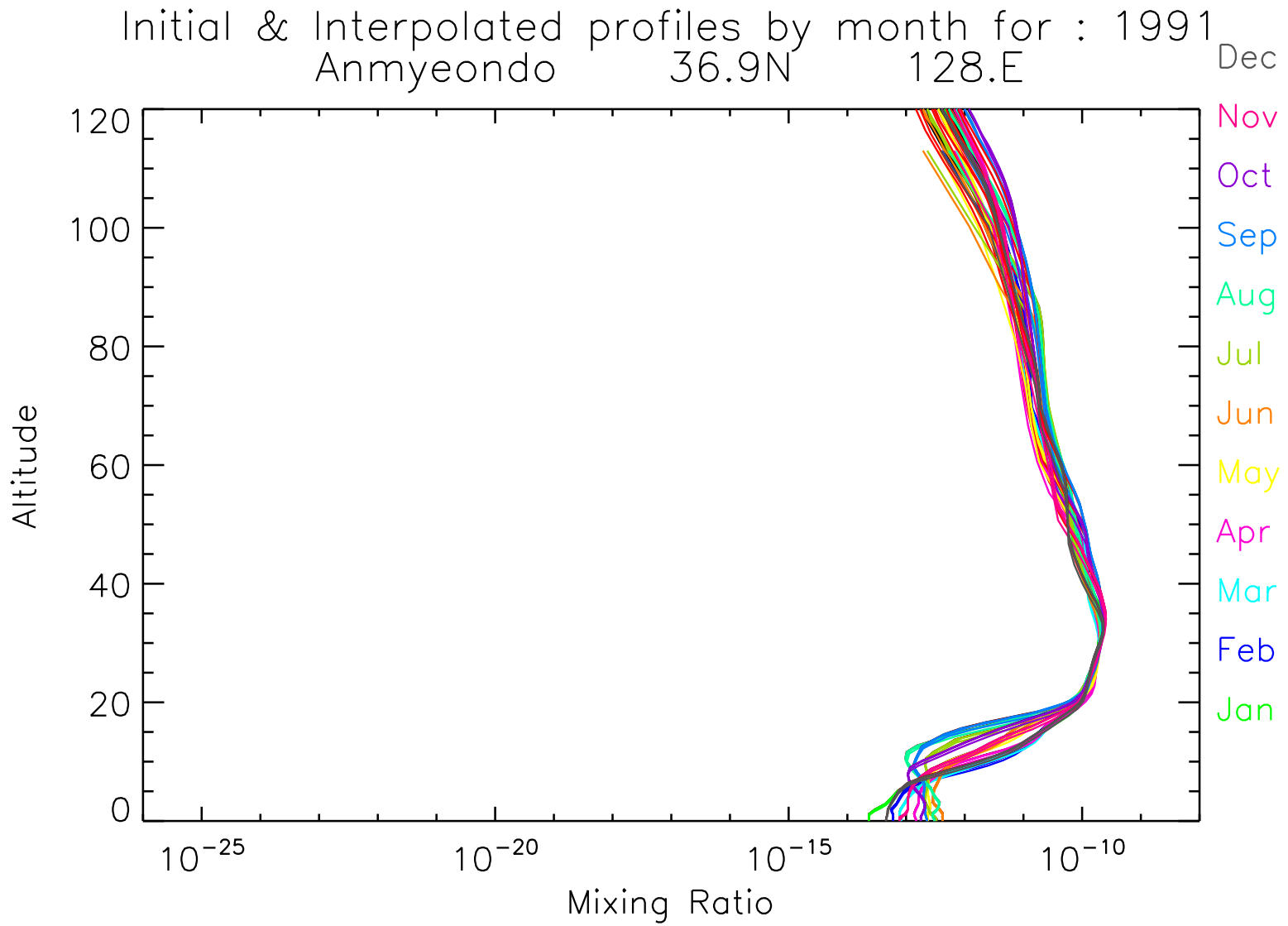
Mixing Ratio


Initial & Interpolated profiles by month for : 1991
Anmyeondo 36.9N 128.E
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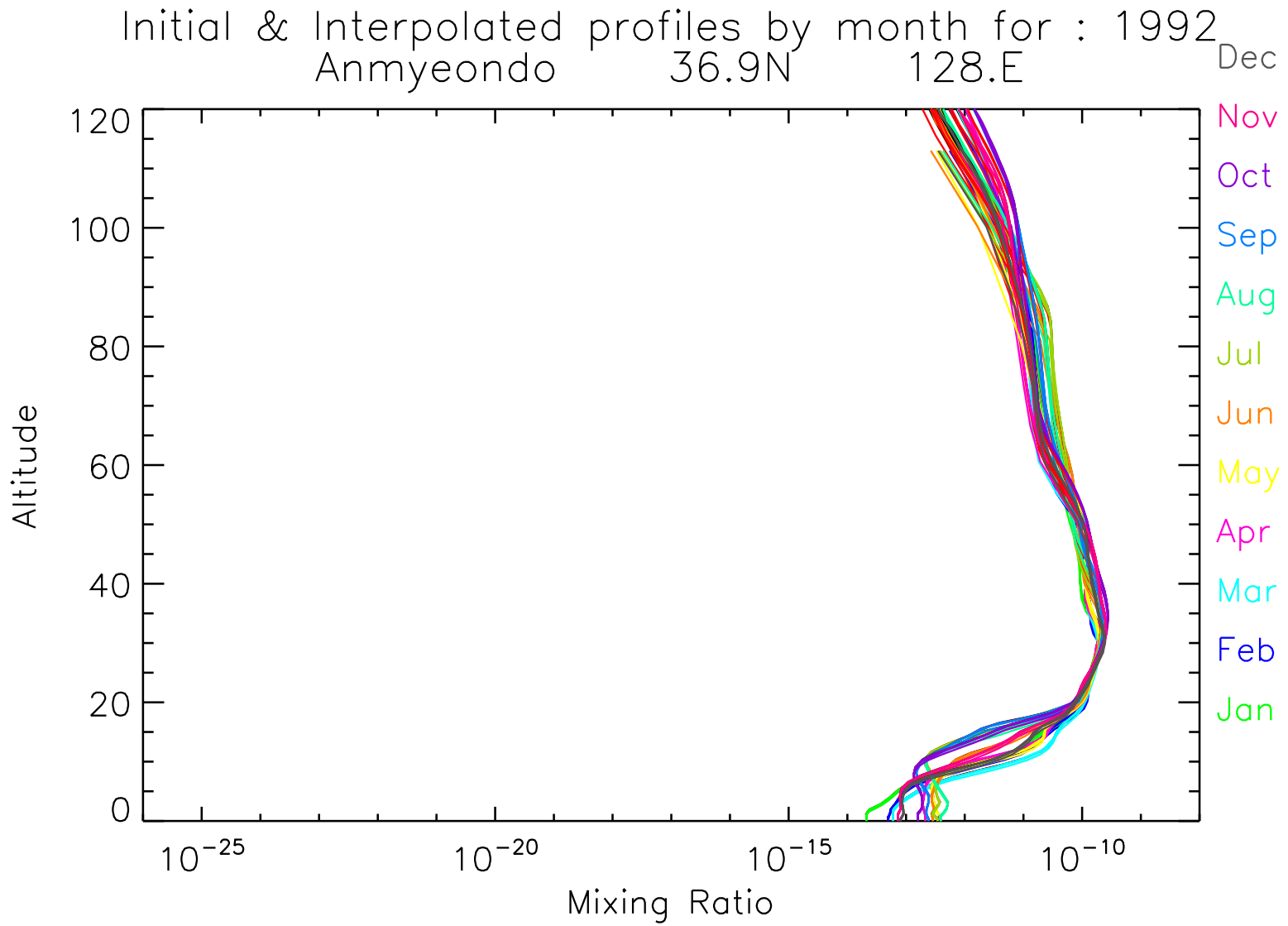
Mixing Ratio


Initial & Interpolated profiles by month for : 1992
Anmyeondo 36.9N 128.E
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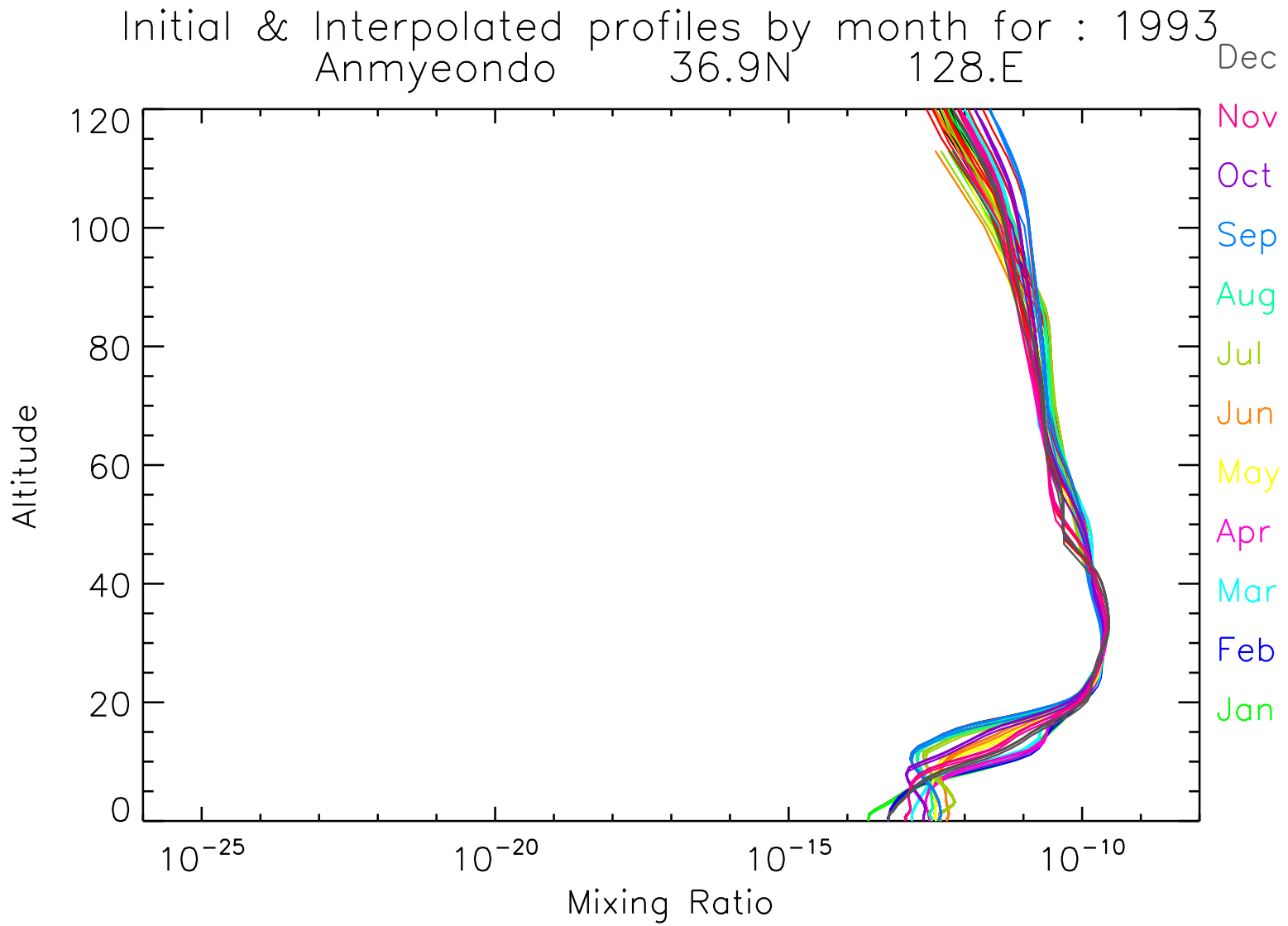
Mixing Ratio


Initial & Interpolated profiles by month for : 1993
Anmyeondo 36.9N 128.E
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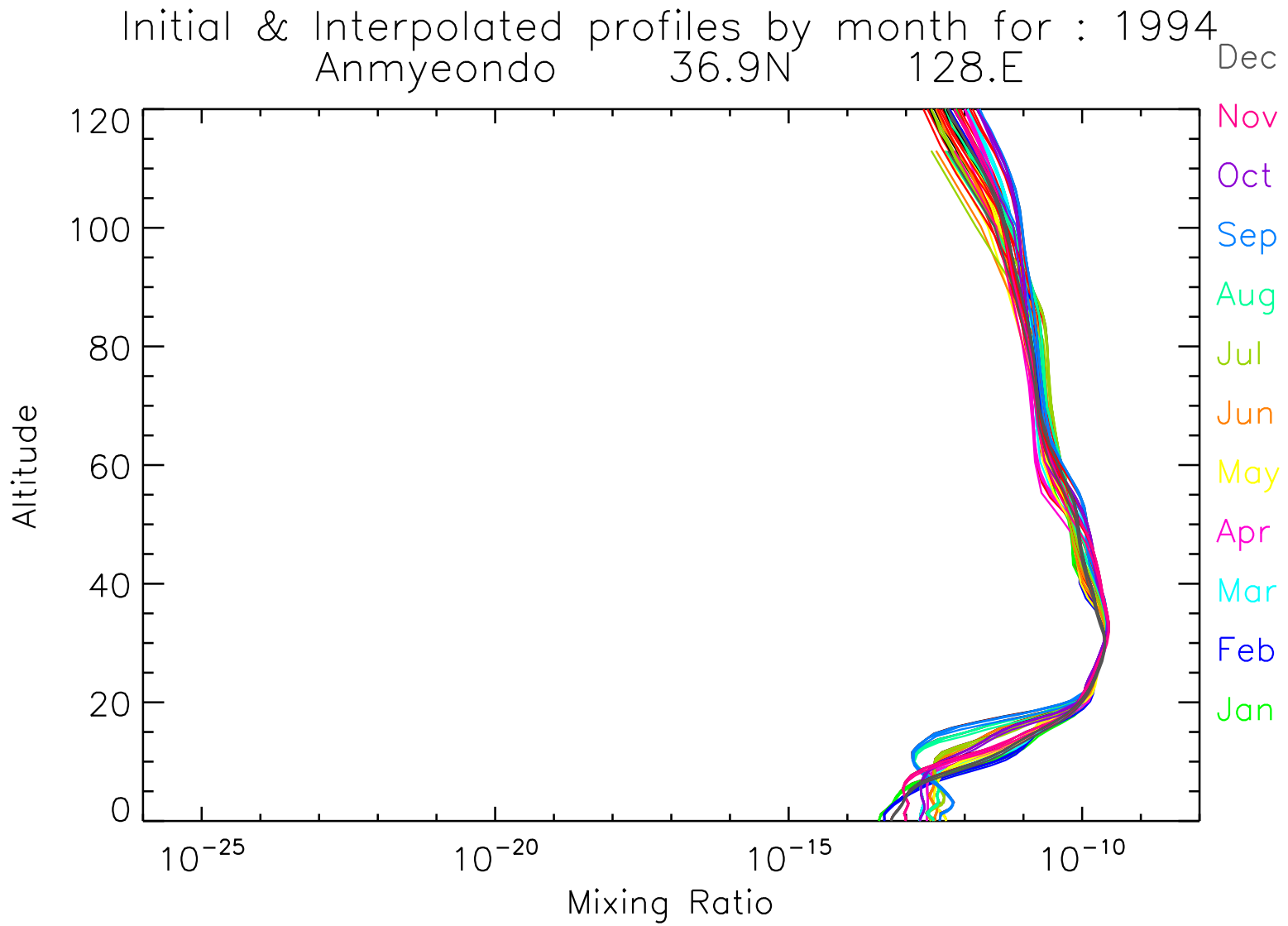
Mixing Ratio


Initial & Interpolated profiles by month for : 1994
Anmyeondo 36.9N 128.E
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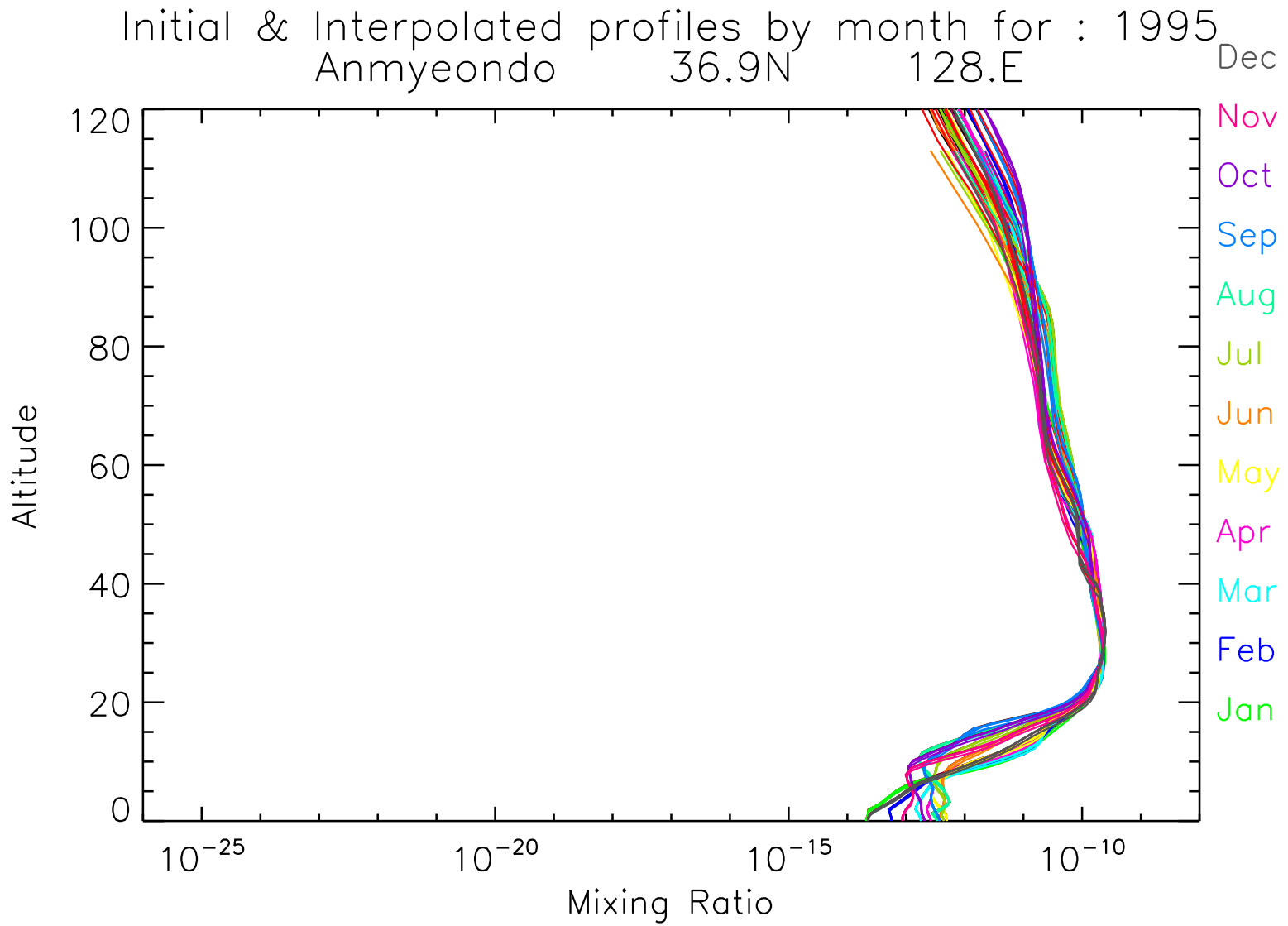
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1995
Anmyeondo 36.9N 128.E
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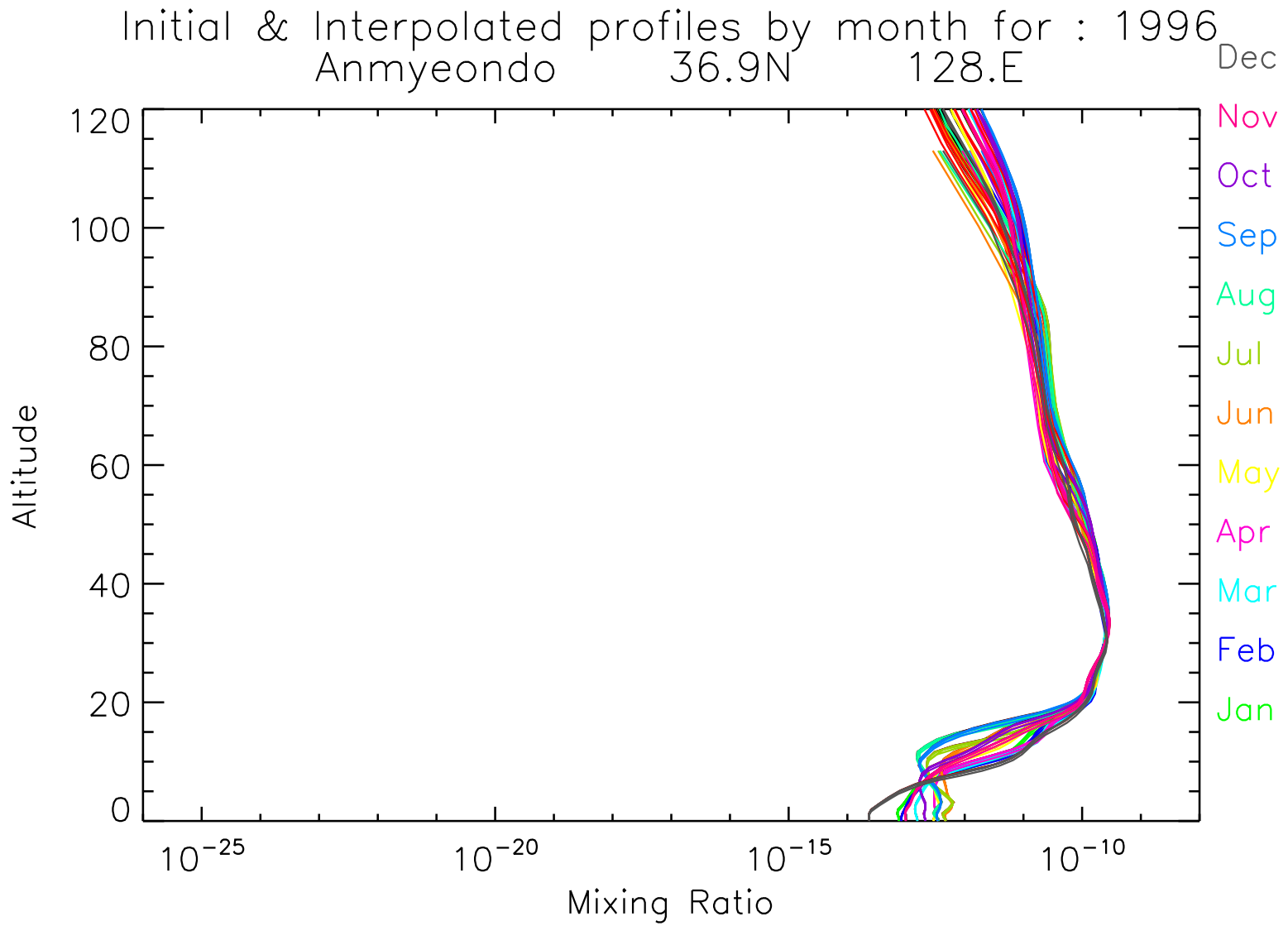
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1996
Anmyeondo 36.9N 128.E
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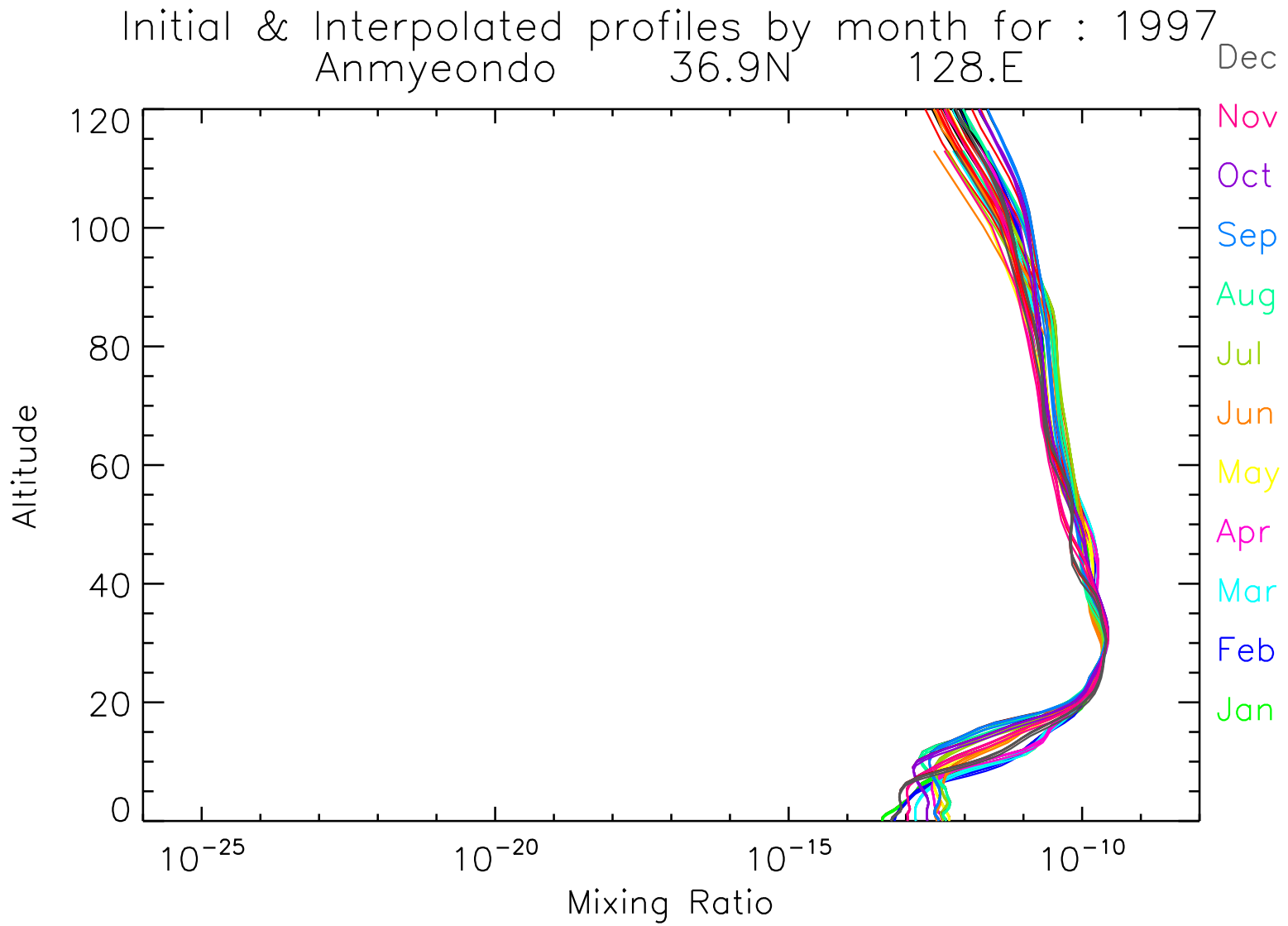
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1997
Anmyeondo 36.9N 128.E
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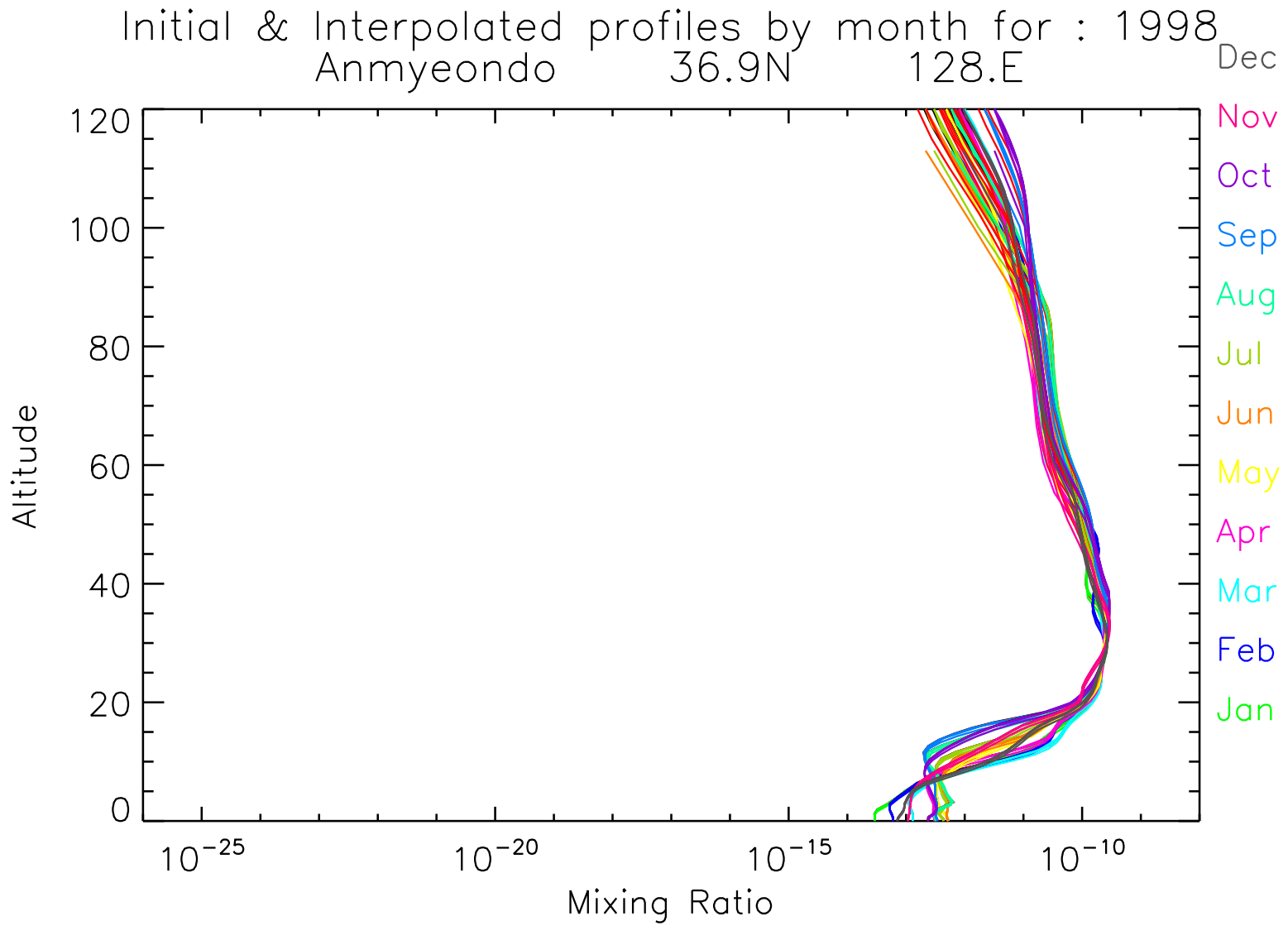
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1998
Anmyeondo 36.9N 128.E
Dec
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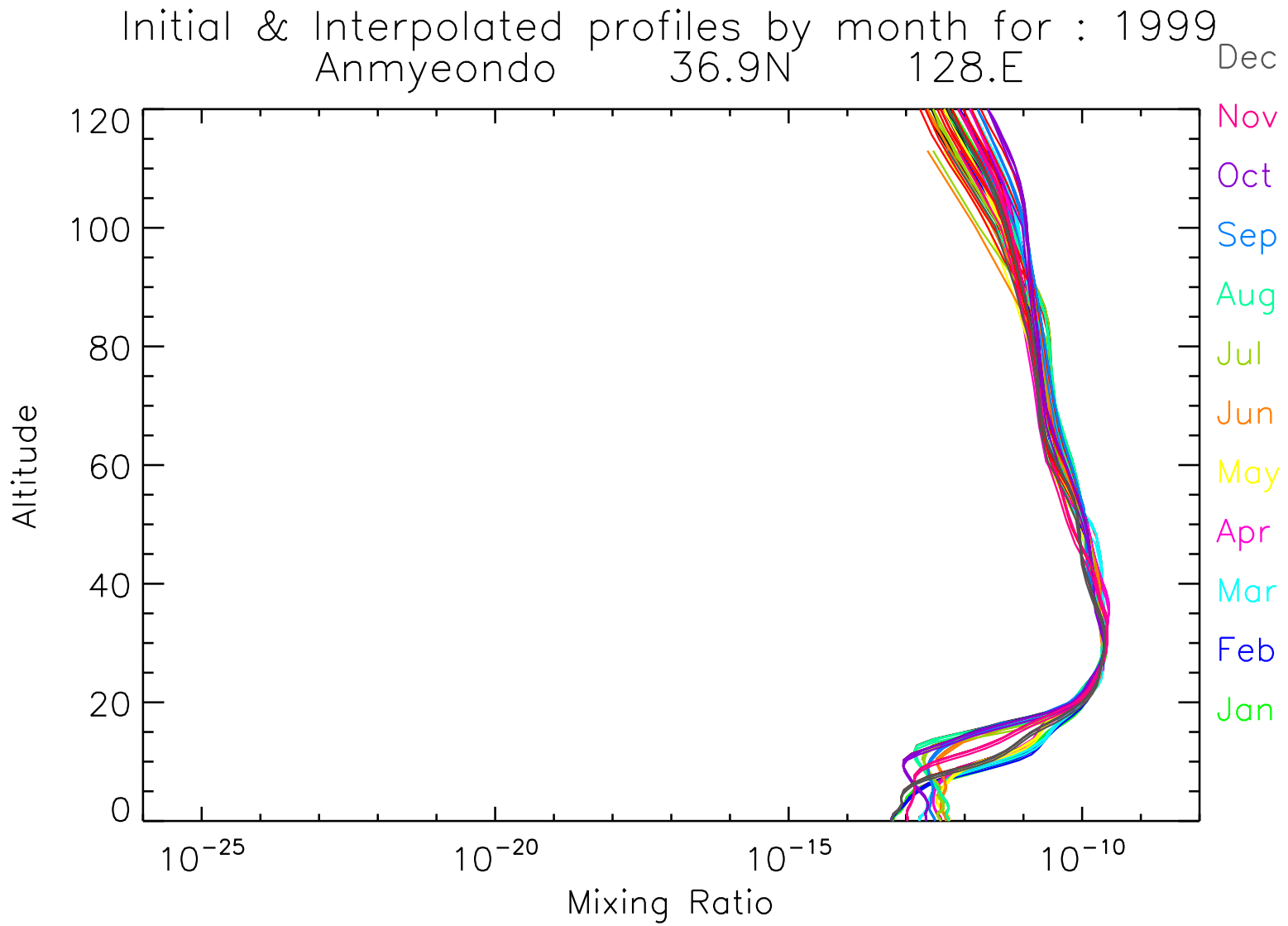
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1999
Anmyeondo 36.9N 128.E
Dec
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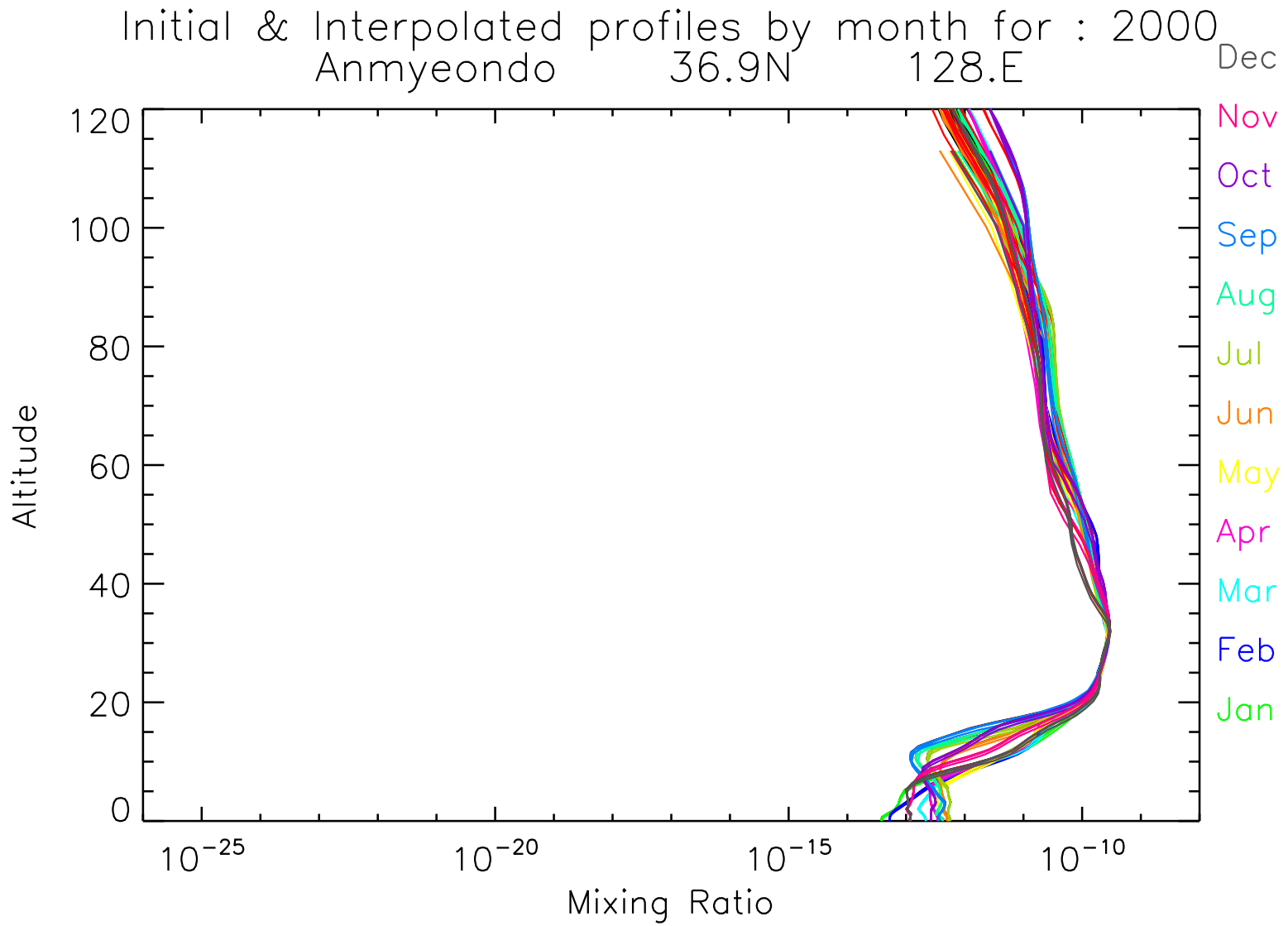
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2000
Anmyeondo 36.9N 128.E
Dec
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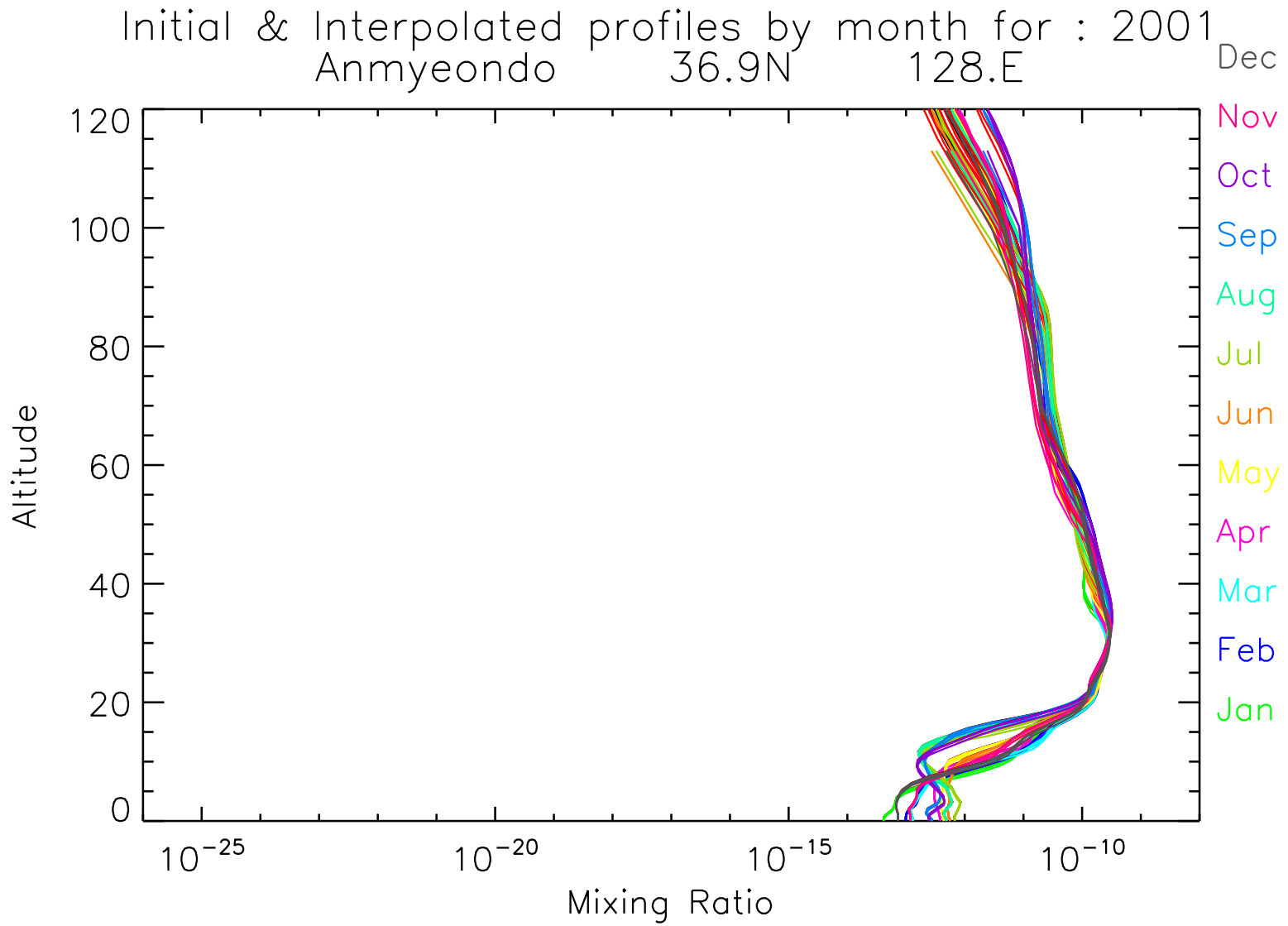
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2001
Anmyeondo 36.9N 128.E
Dec
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Altitude
10^{-25}
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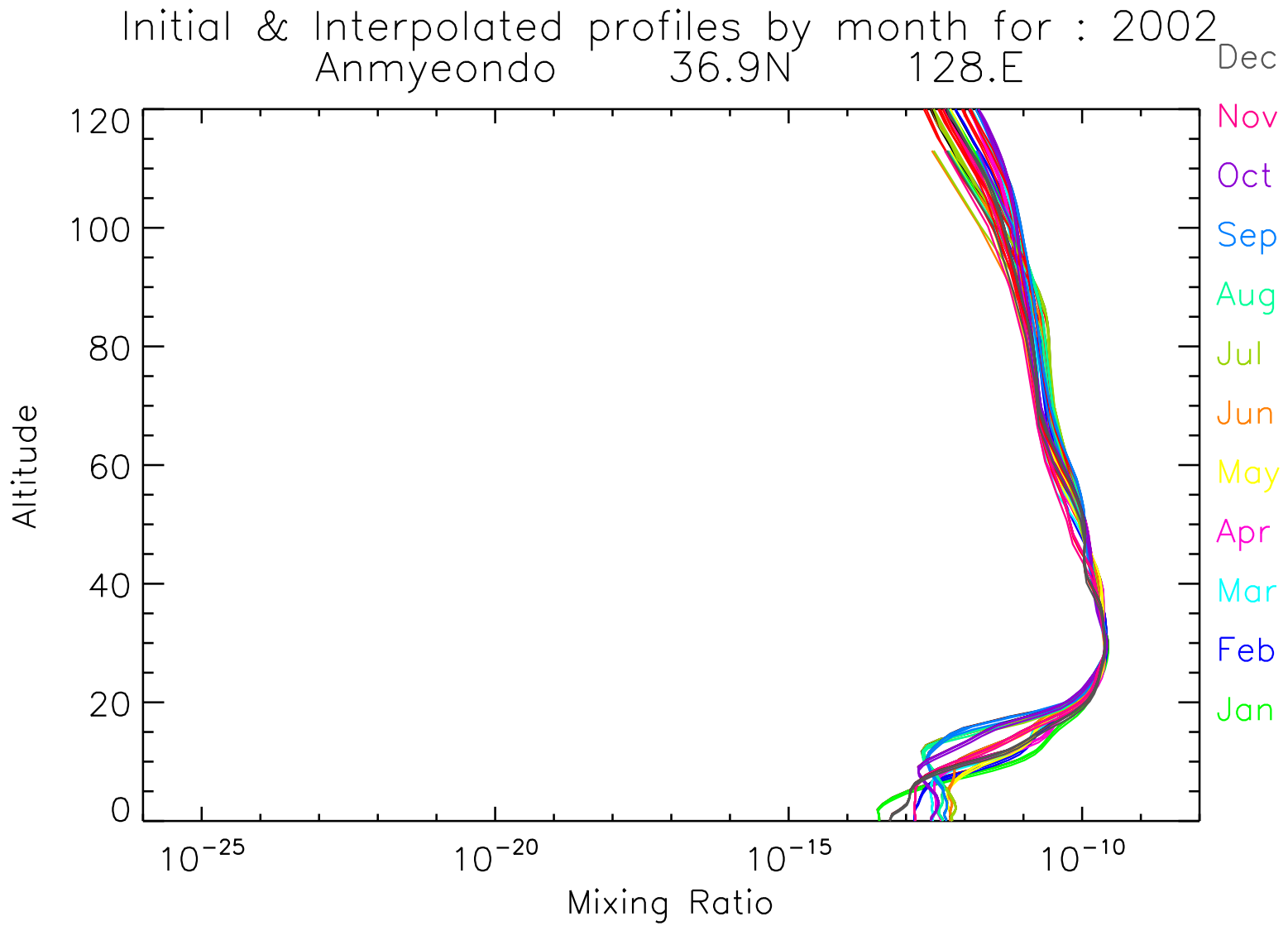
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2002
Anmyeondo 36.9N 128.E
Dec
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Altitude
10^{-25}
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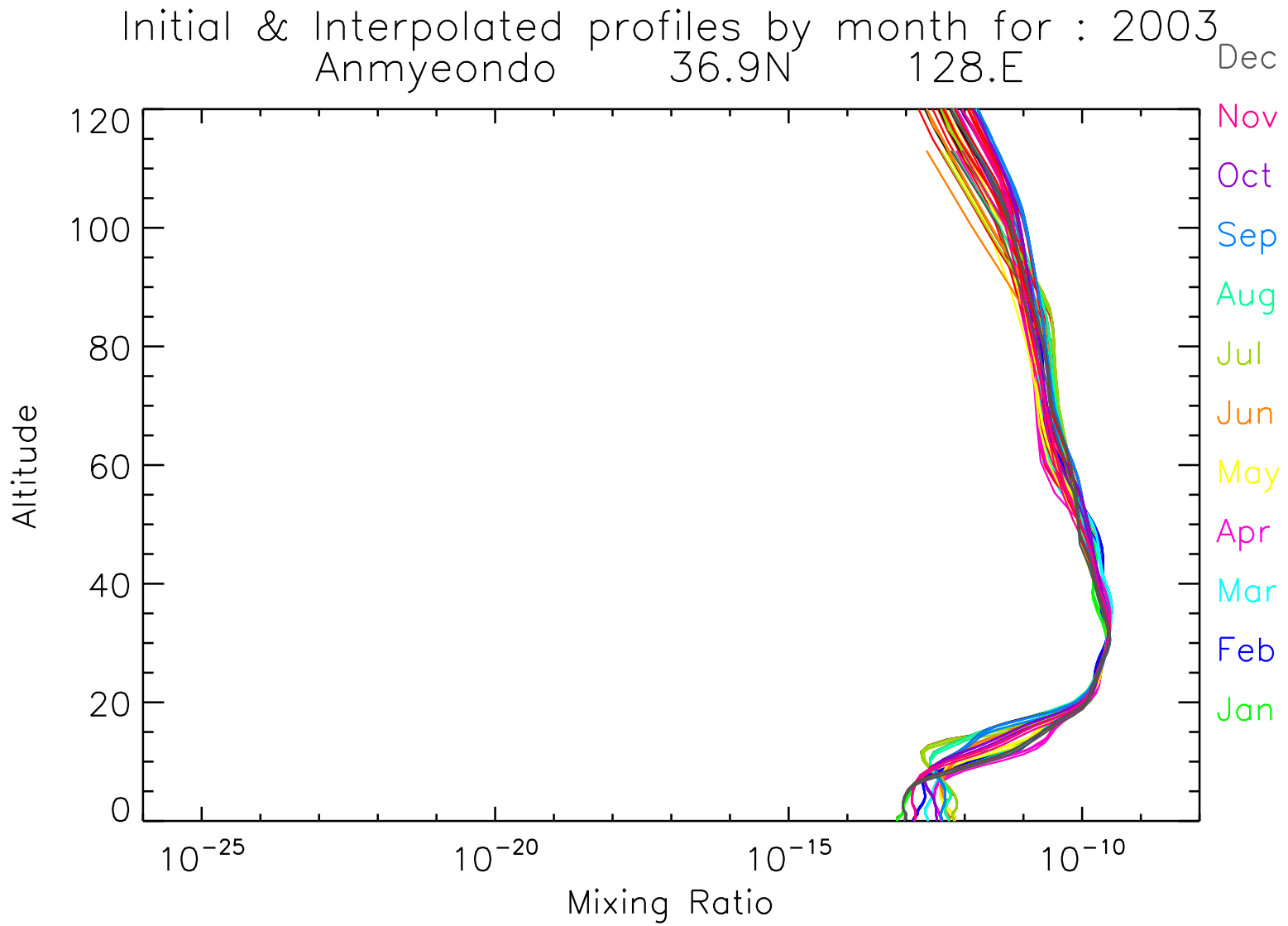
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2003
Anmyeondo 36.9N 128.E
Dec
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Altitude
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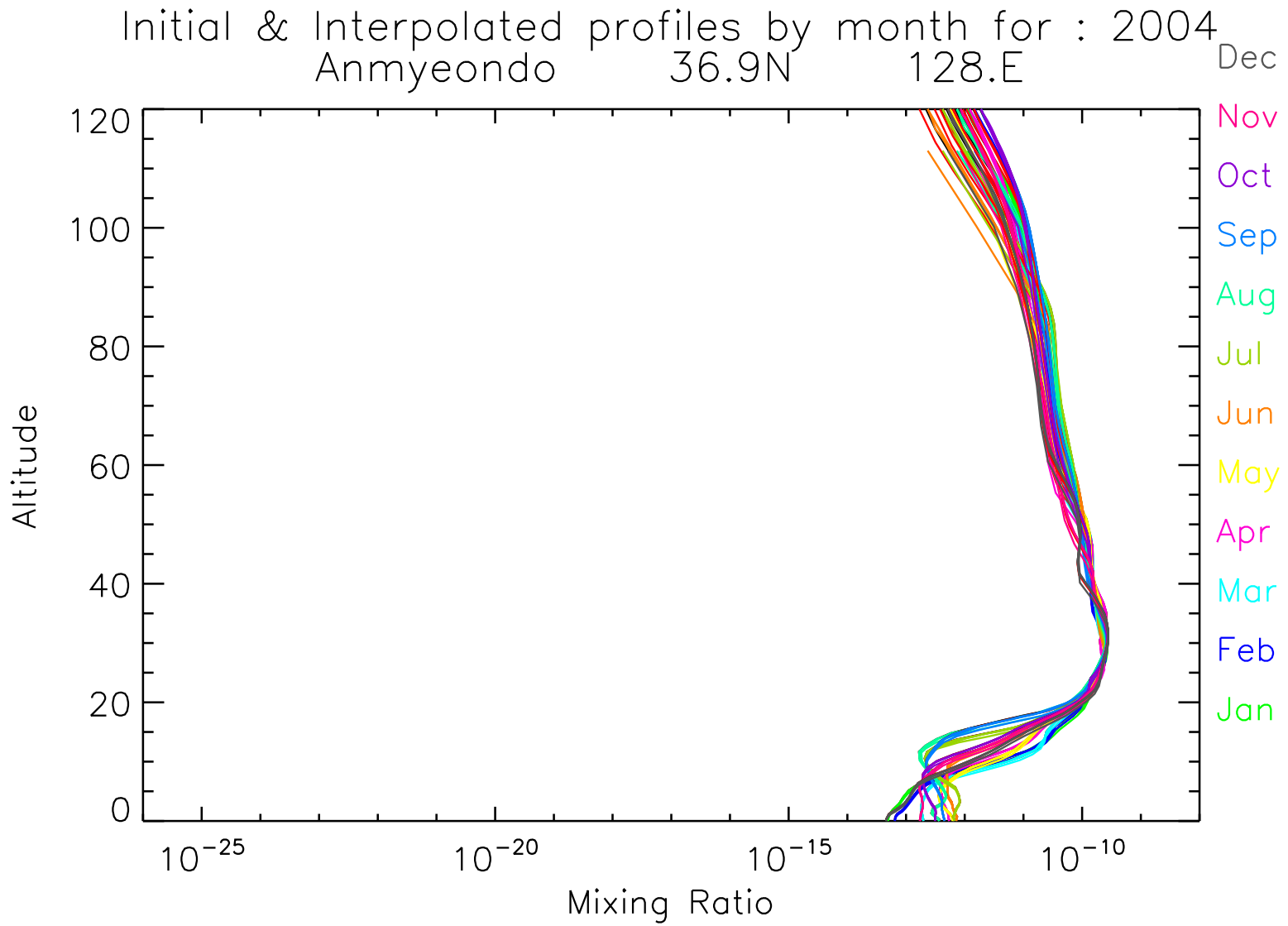
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2004
Anmyeondo 36.9N 128.E
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Altitude
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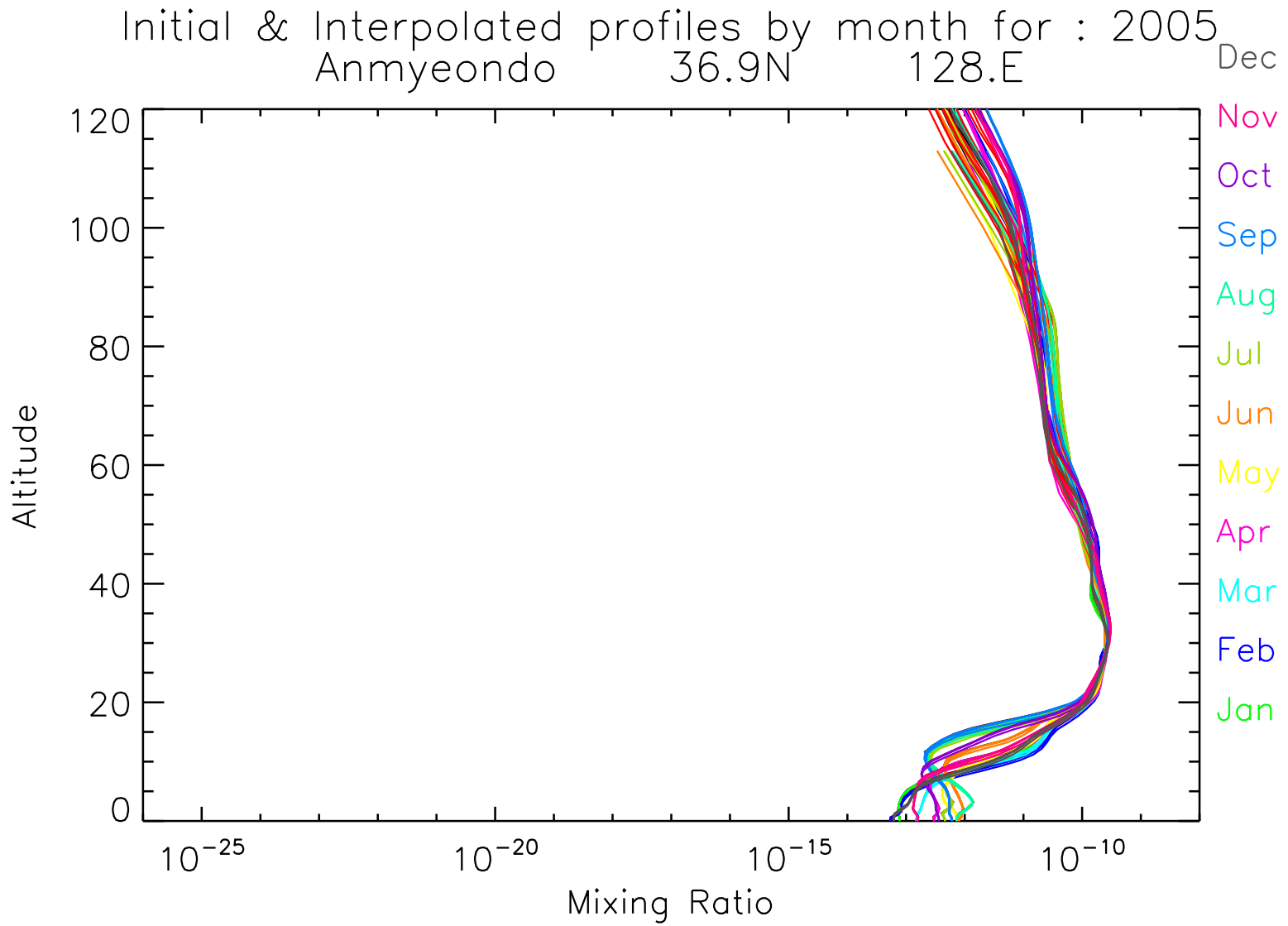
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2005
Anmyeondo 36.9N 128.E
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Altitude
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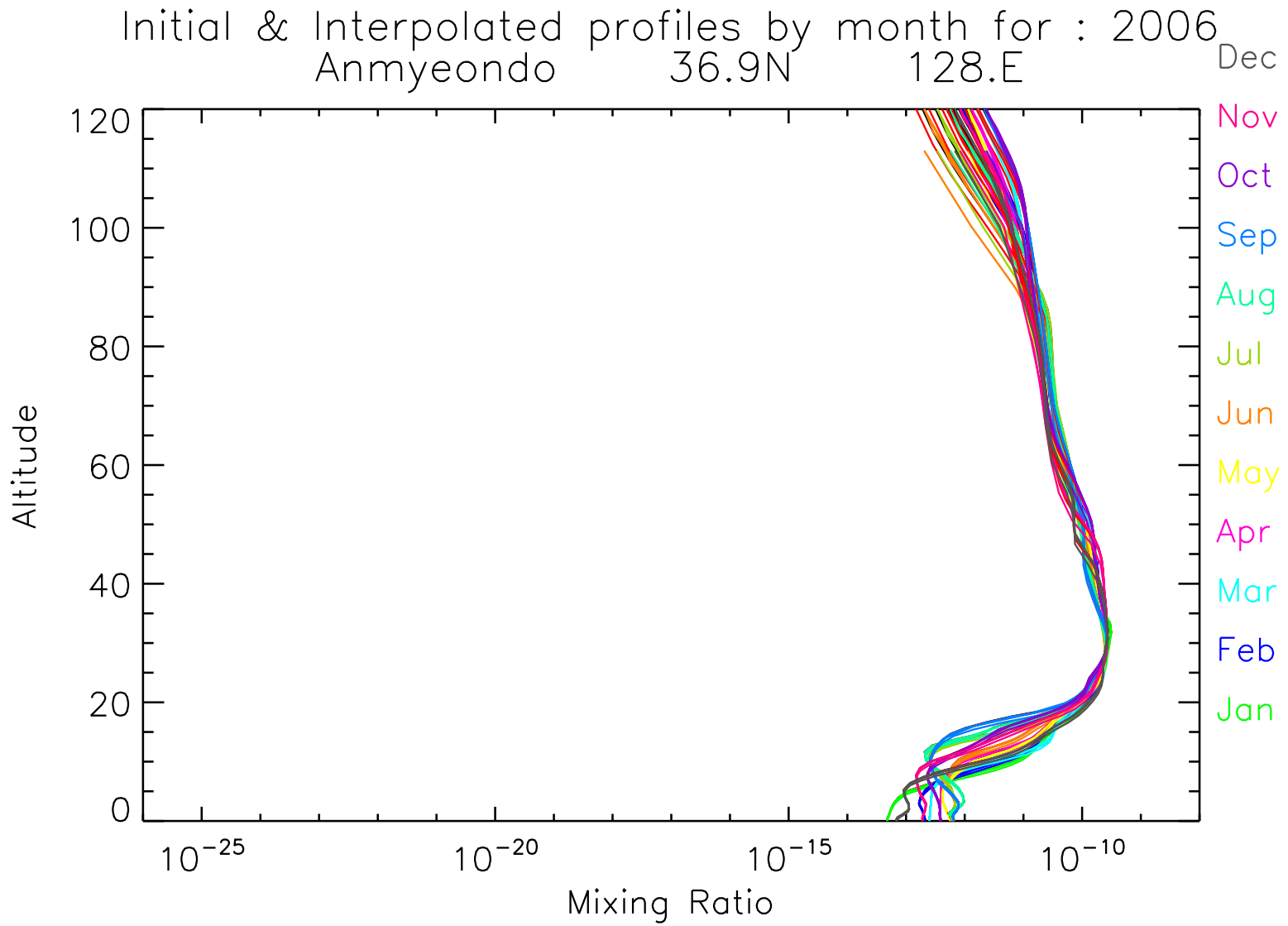
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2006
Anmyeondo 36.9N 128.E
Dec
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Altitude
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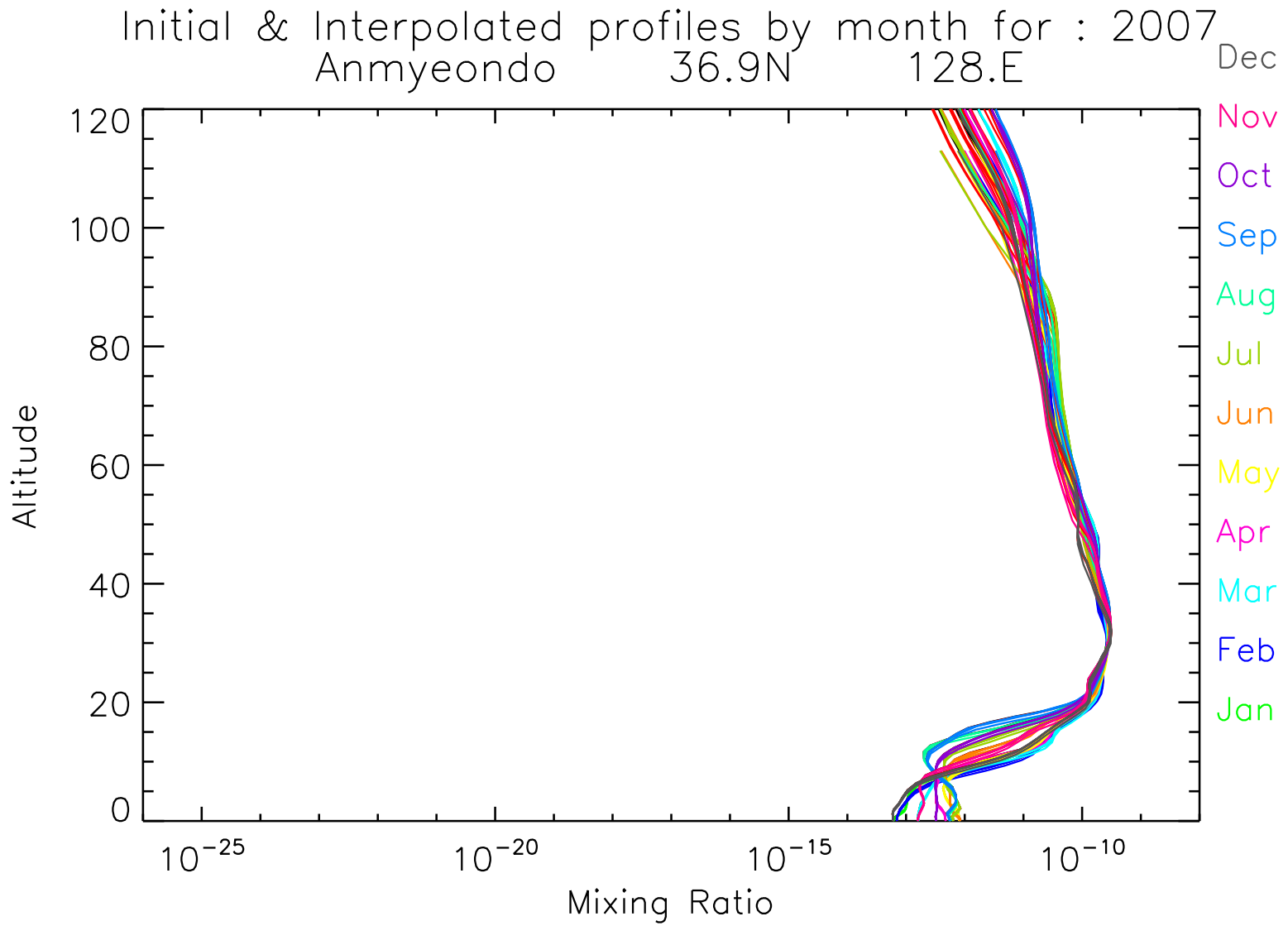
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2007
Anmyeondo 36.9N 128.E
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Altitude
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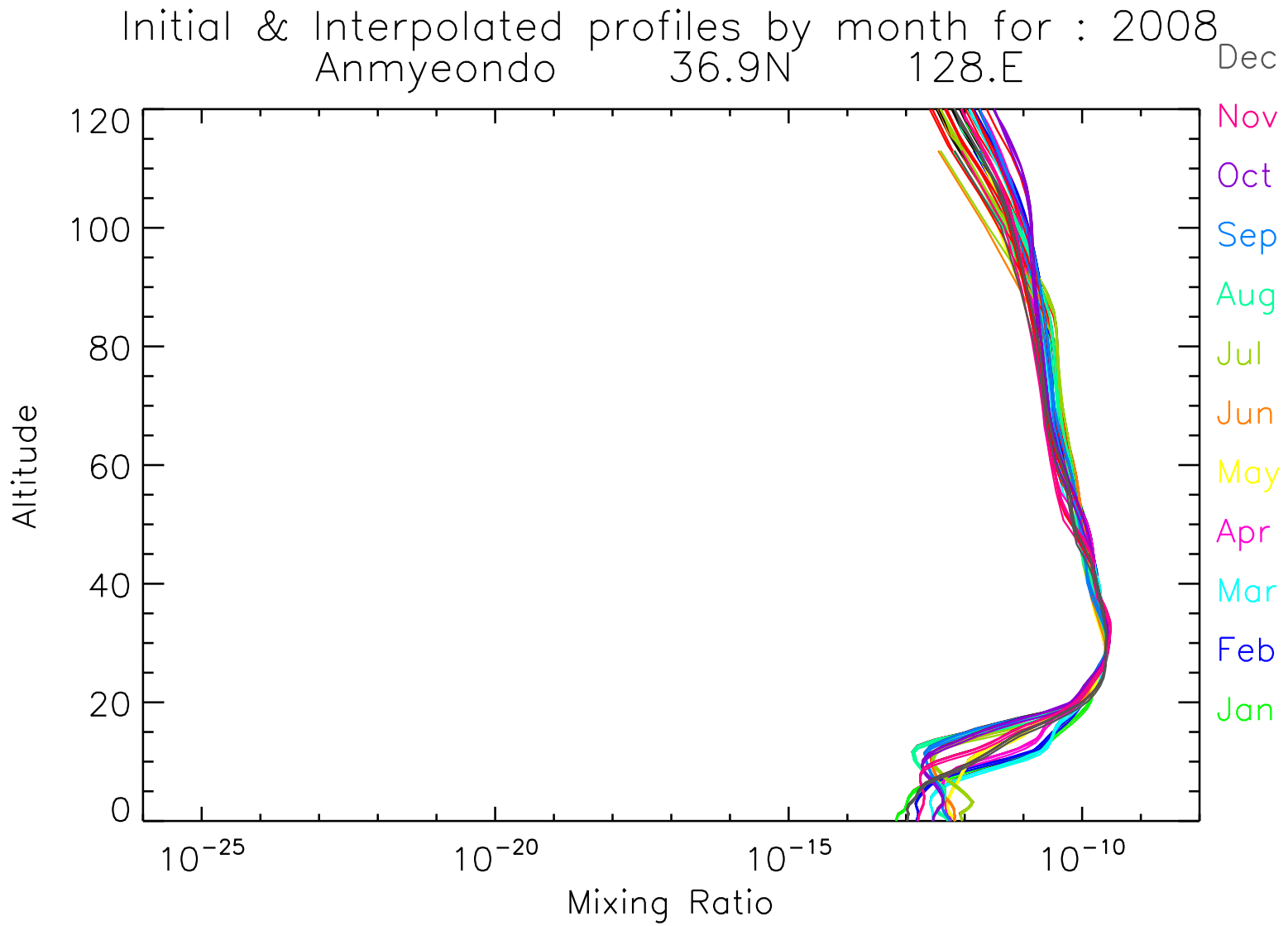
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2008
Anmyeondo 36.9N 128.E
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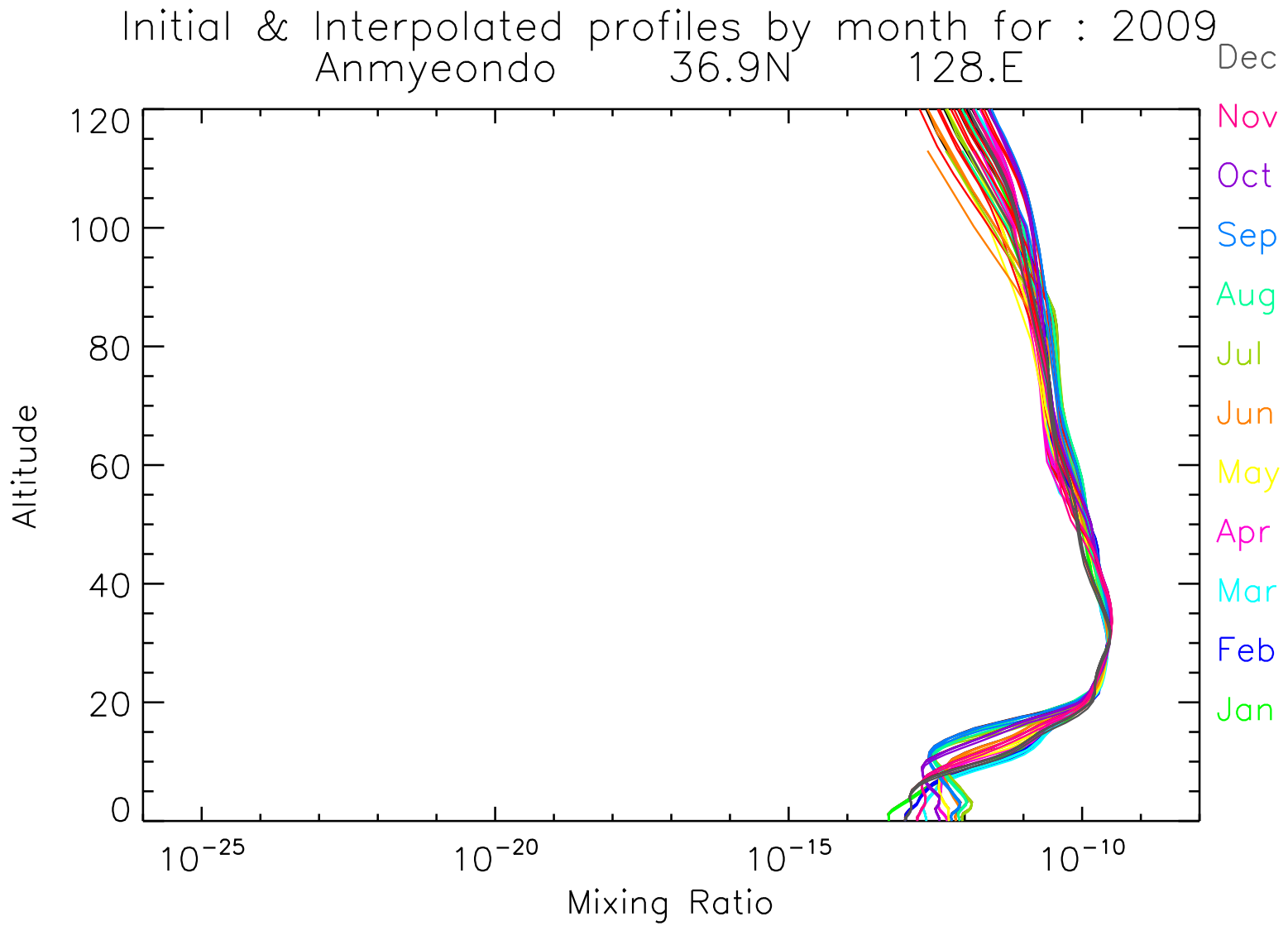
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2009
Anmyeondo 36.9N 128.E
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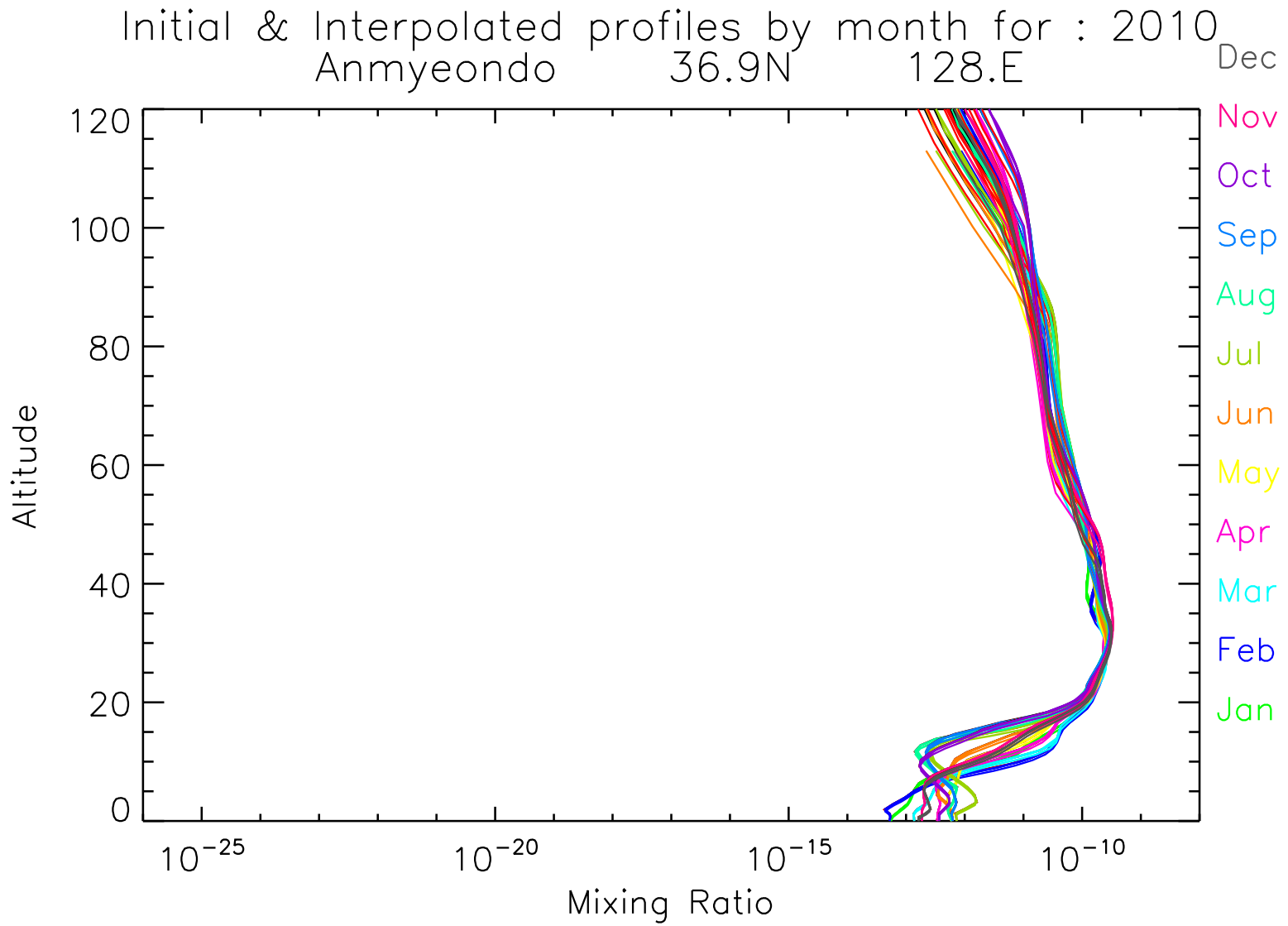
Mixing Ratio


Initial & Interpolated profiles by month for : 2010
Anmyeondo 36.9N 128.E
Dec
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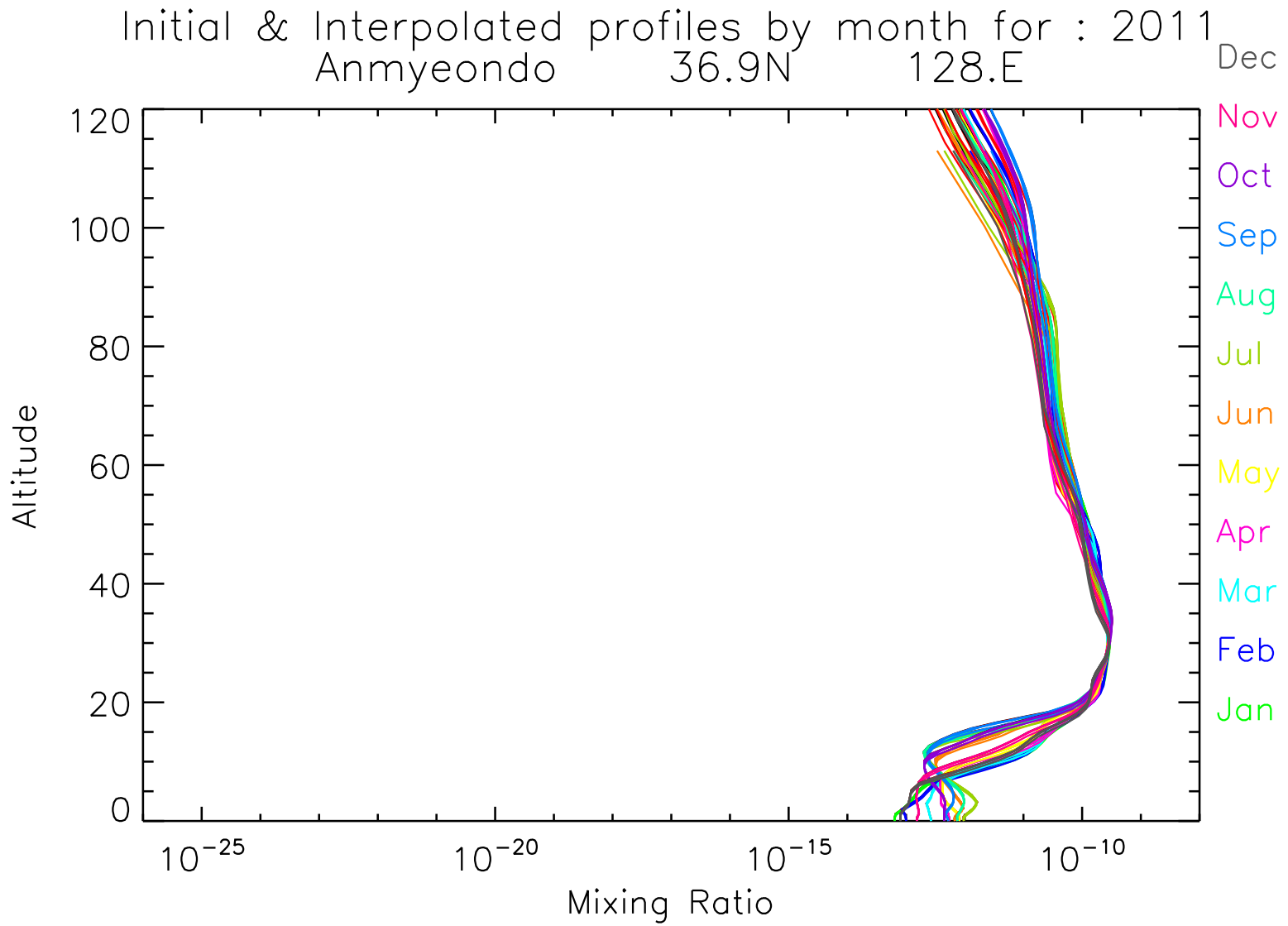
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2011
Anmyeondo 36.9N 128.E
Dec
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Altitude
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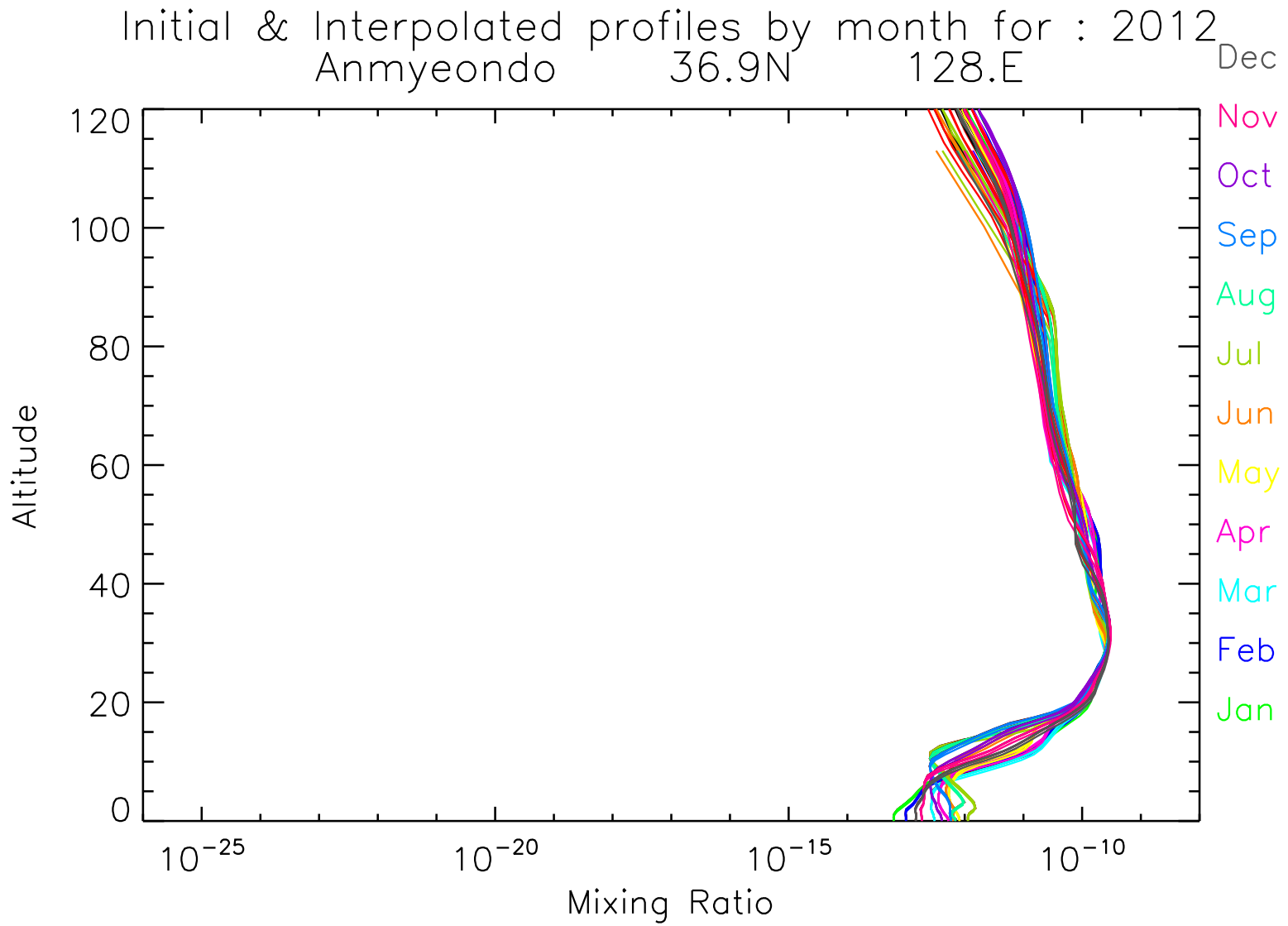
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2012
Anmyeondo 36.9N 128.E
Dec
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Jan
120
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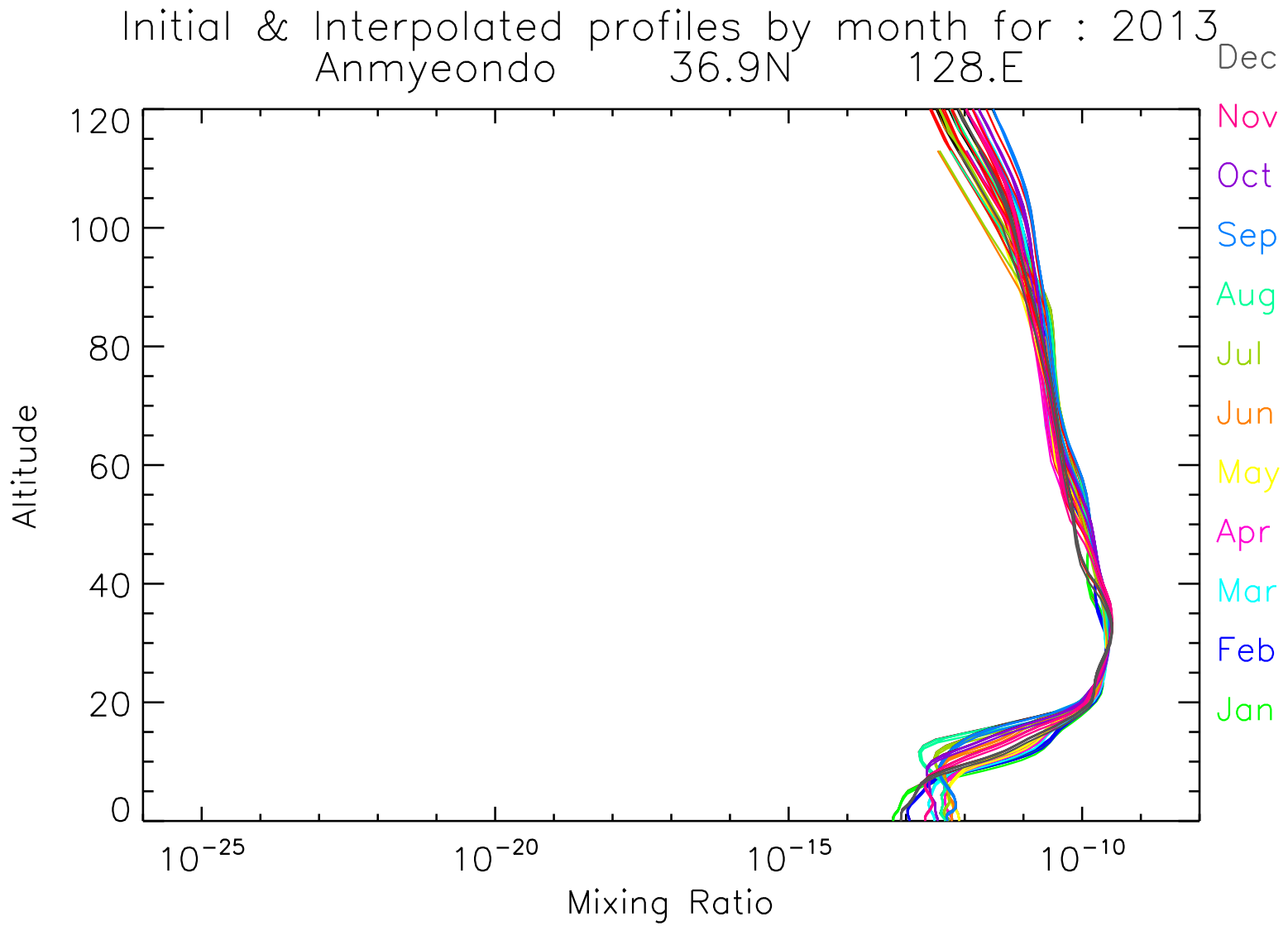
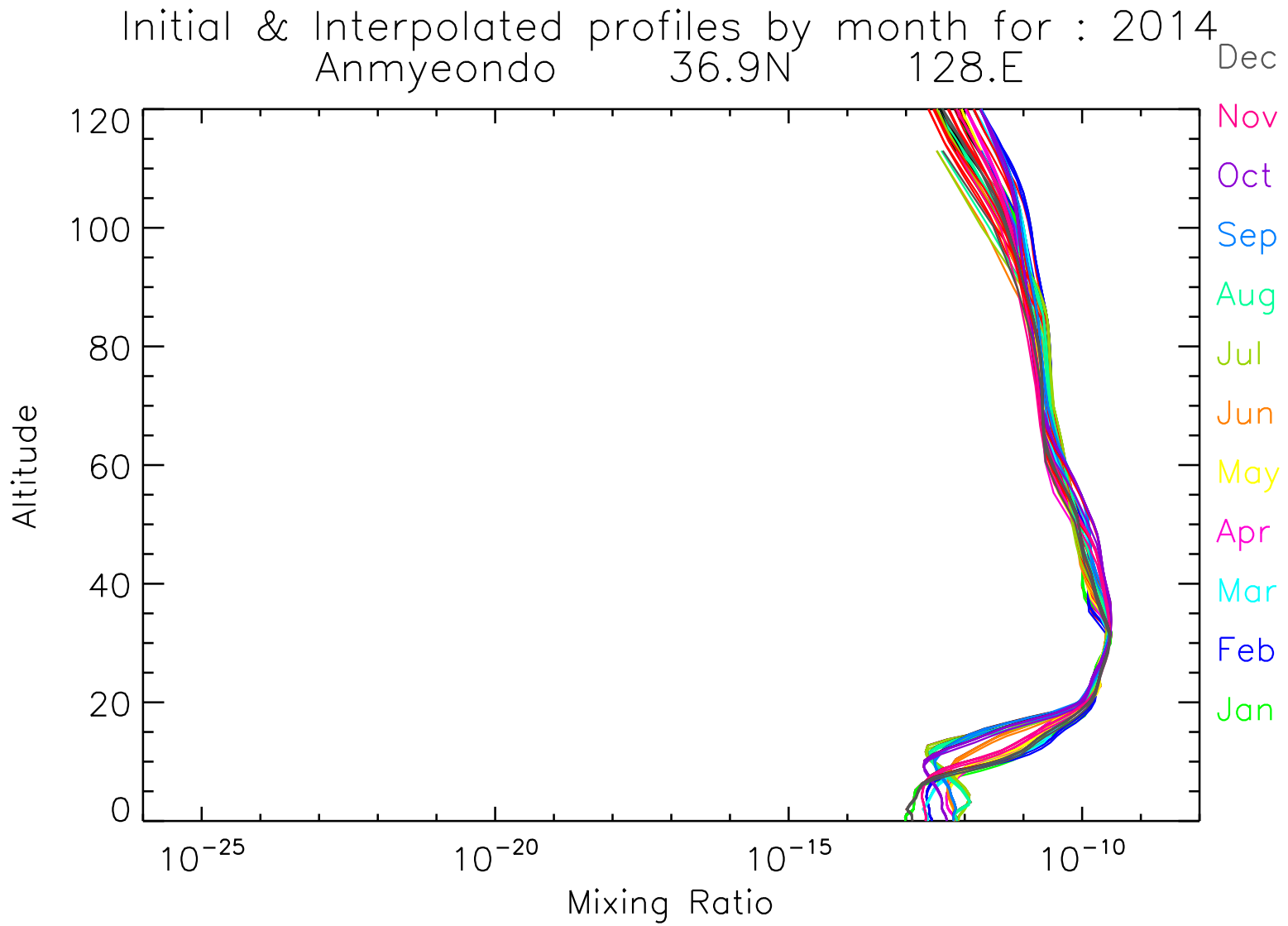
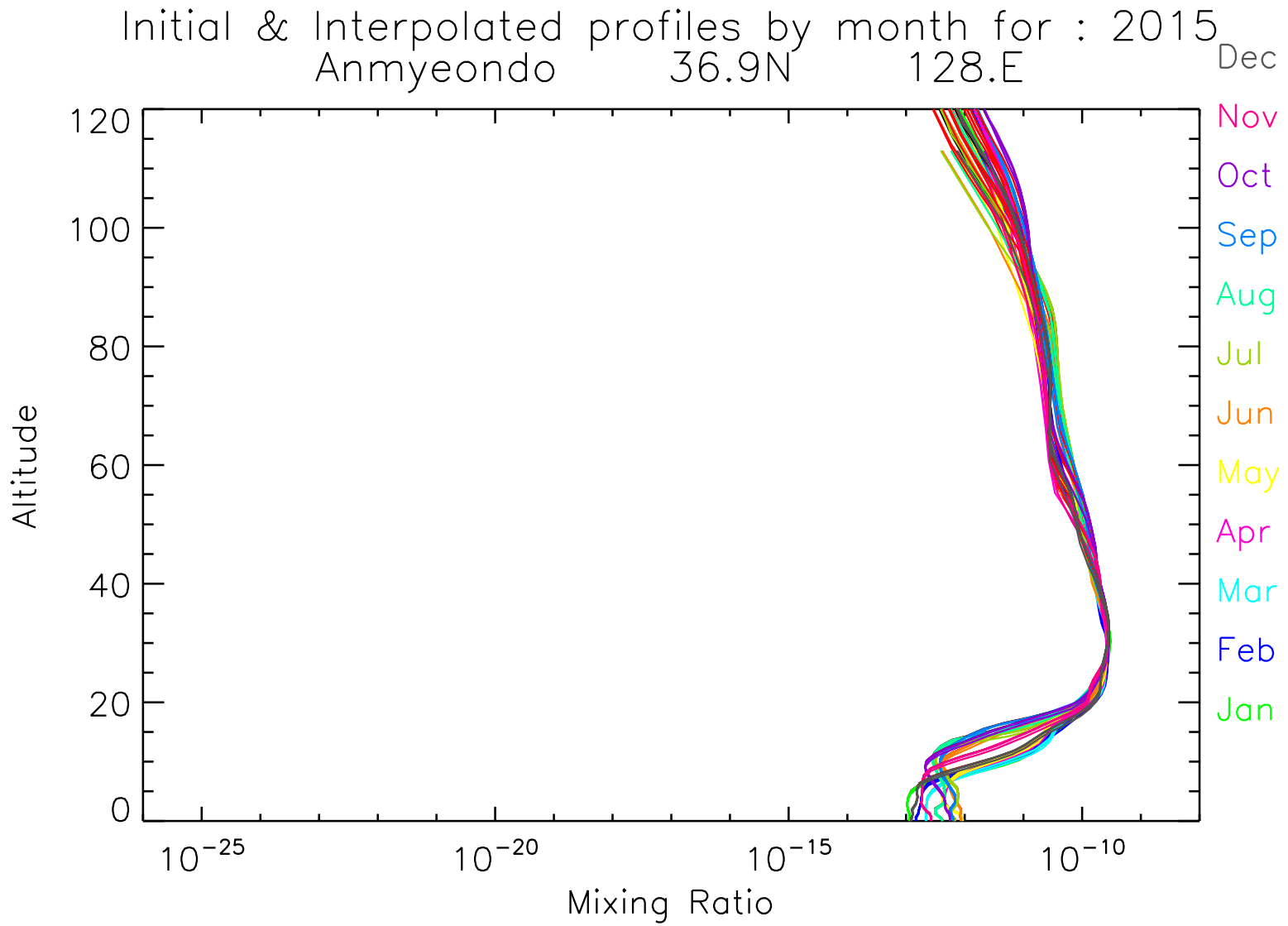
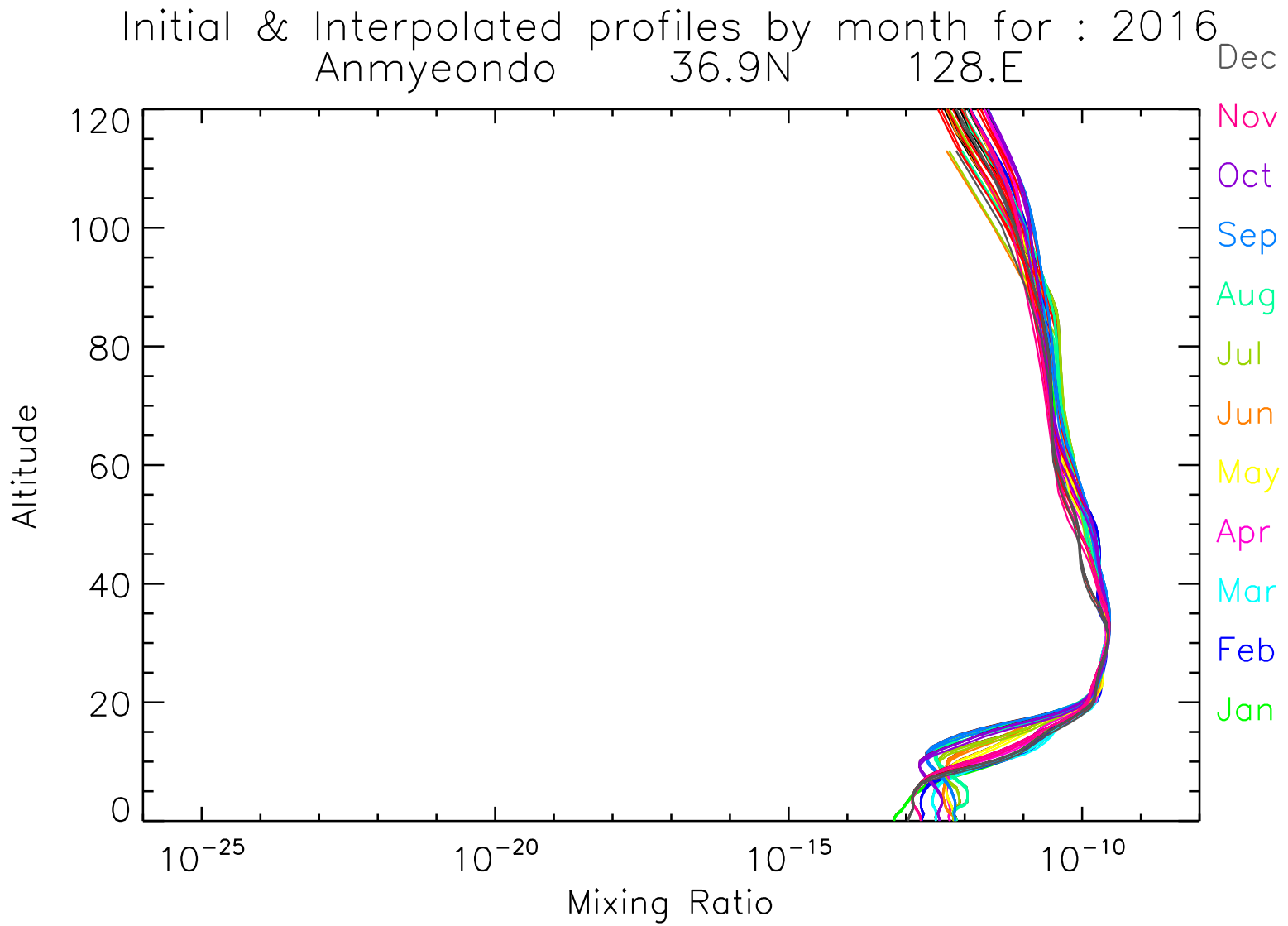
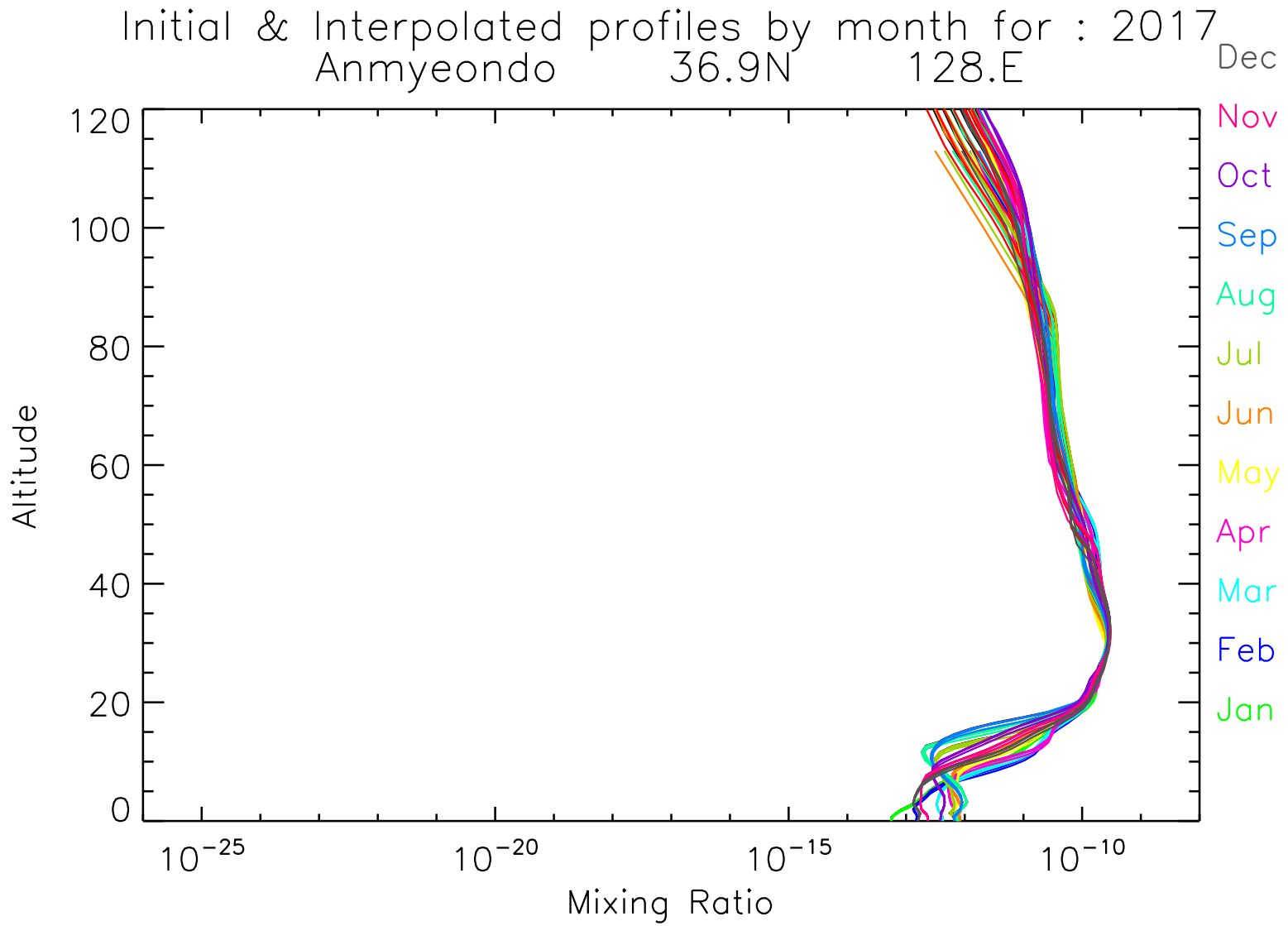
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio

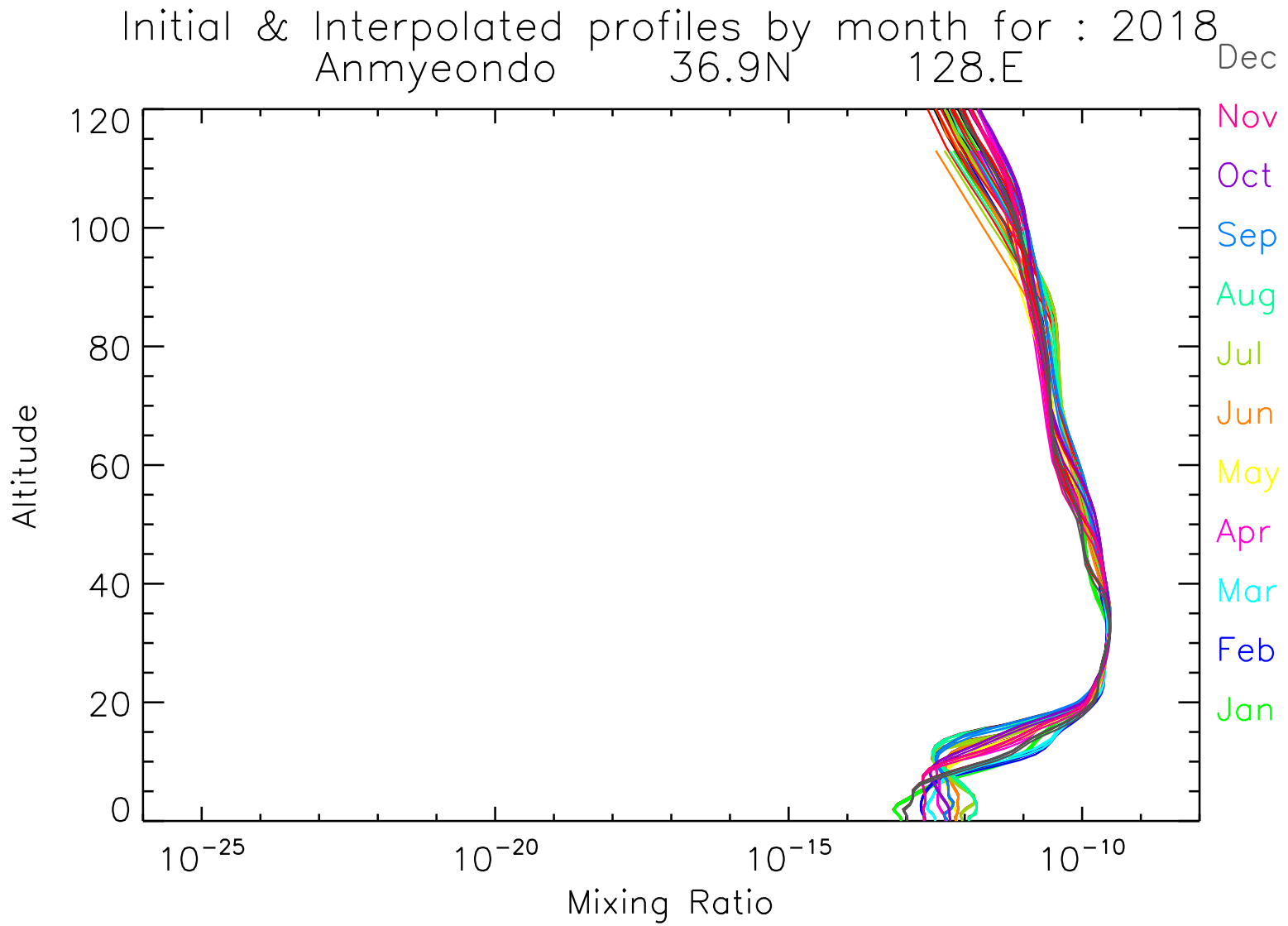

Initial & Interpolated profiles by month for : 2013
Anmyeondo 36.9N 128.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio

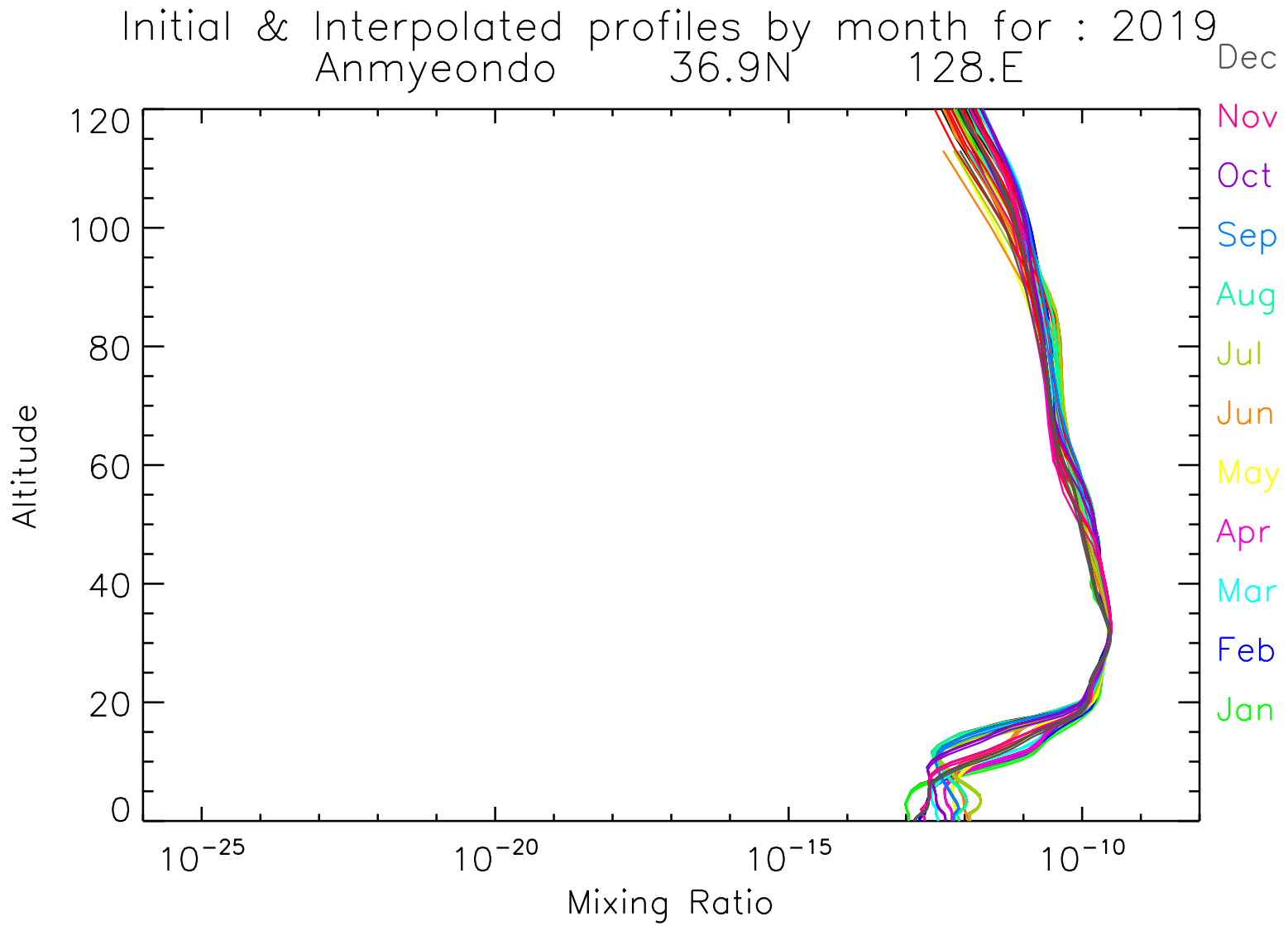

Initial & Interpolated profiles by month for : 2014
Anmyeondo 36.9N 128.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio

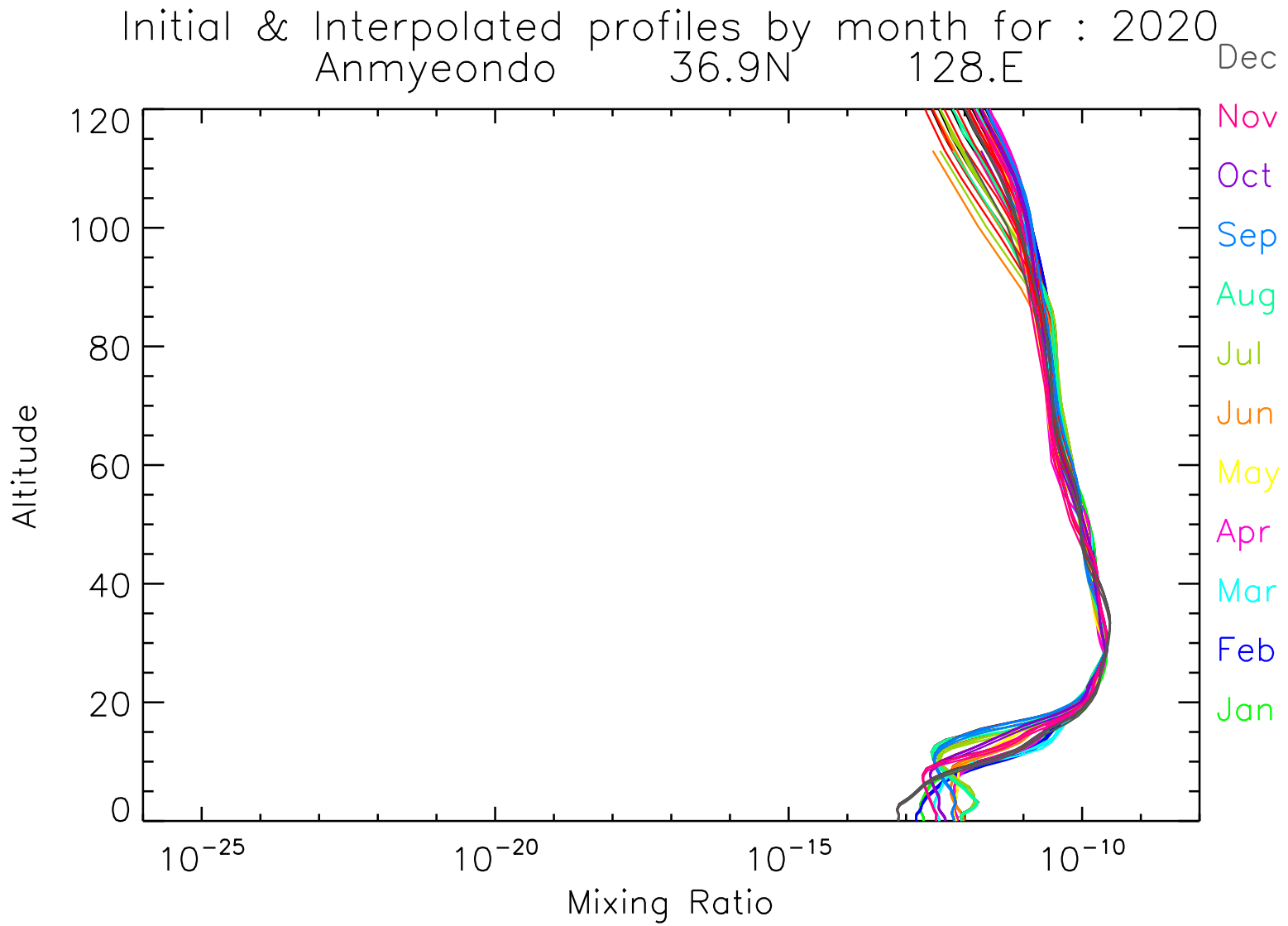

Initial & Interpolated profiles by month for : 2015
Anmyeondo 36.9N 128.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio

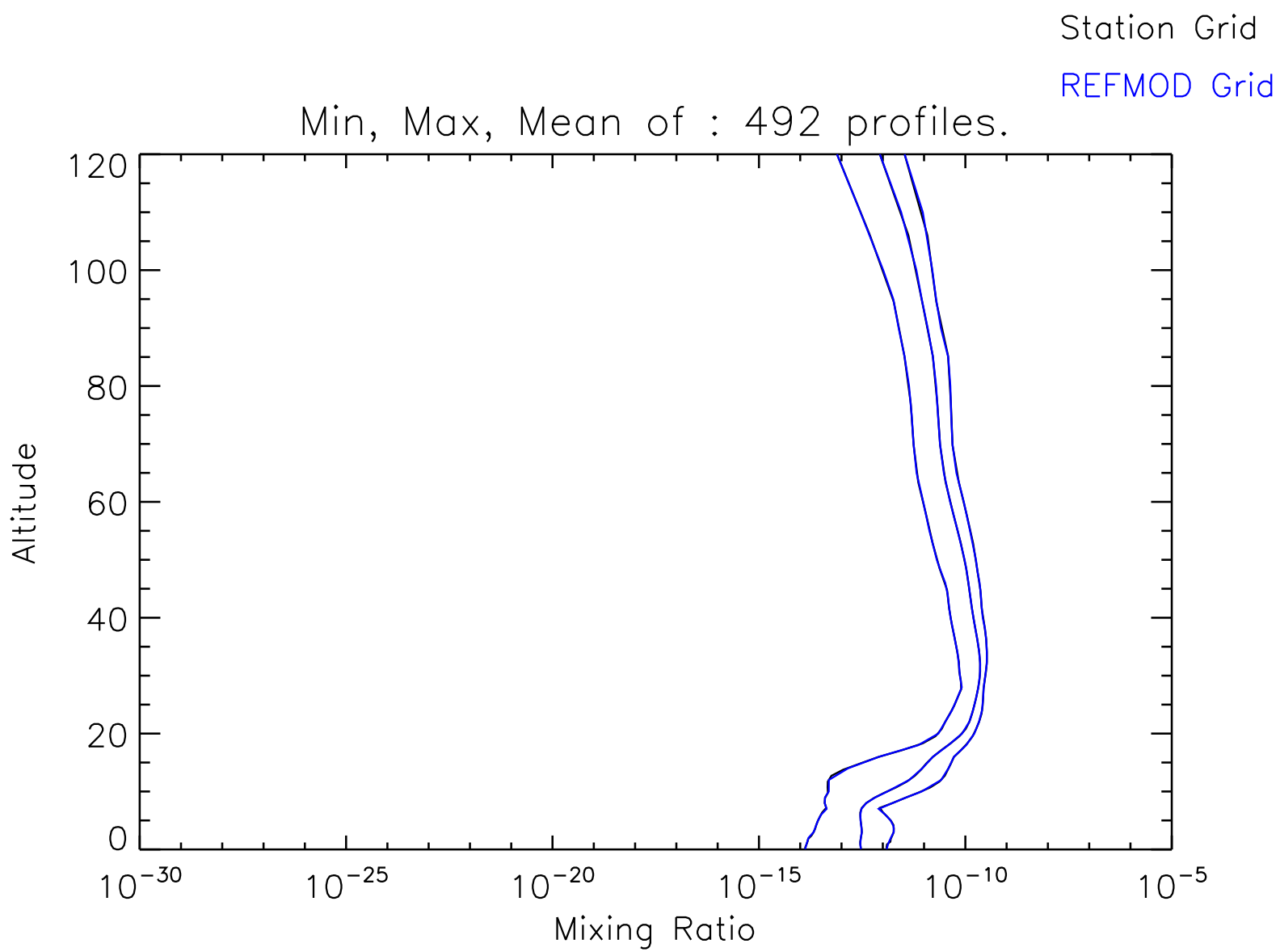

Initial & Interpolated profiles by month for : 2016
Anmyeondo 36.9N 128.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio

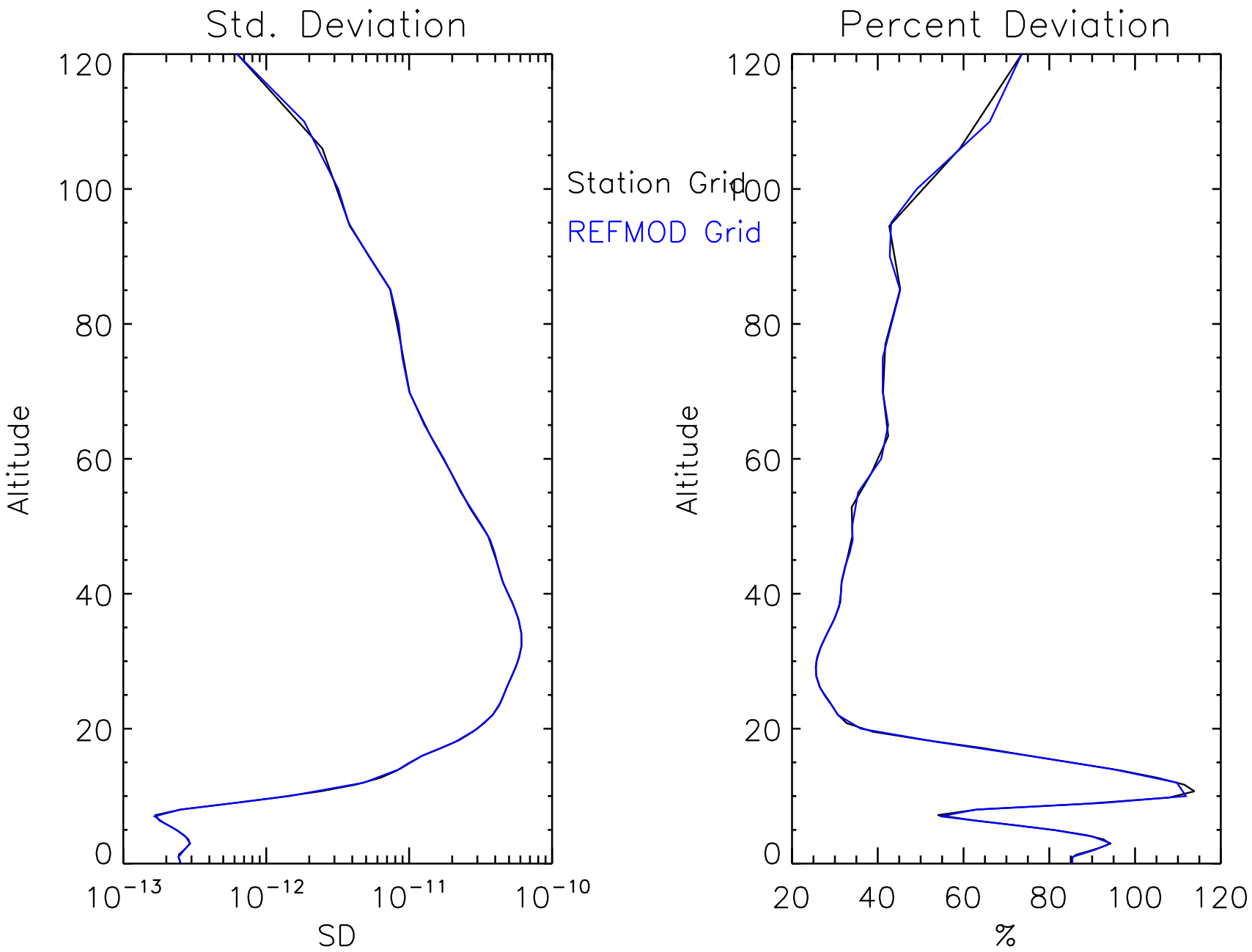

Initial & Interpolated profiles by month for : 2017
Anmyeondo 36.9N 128.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio

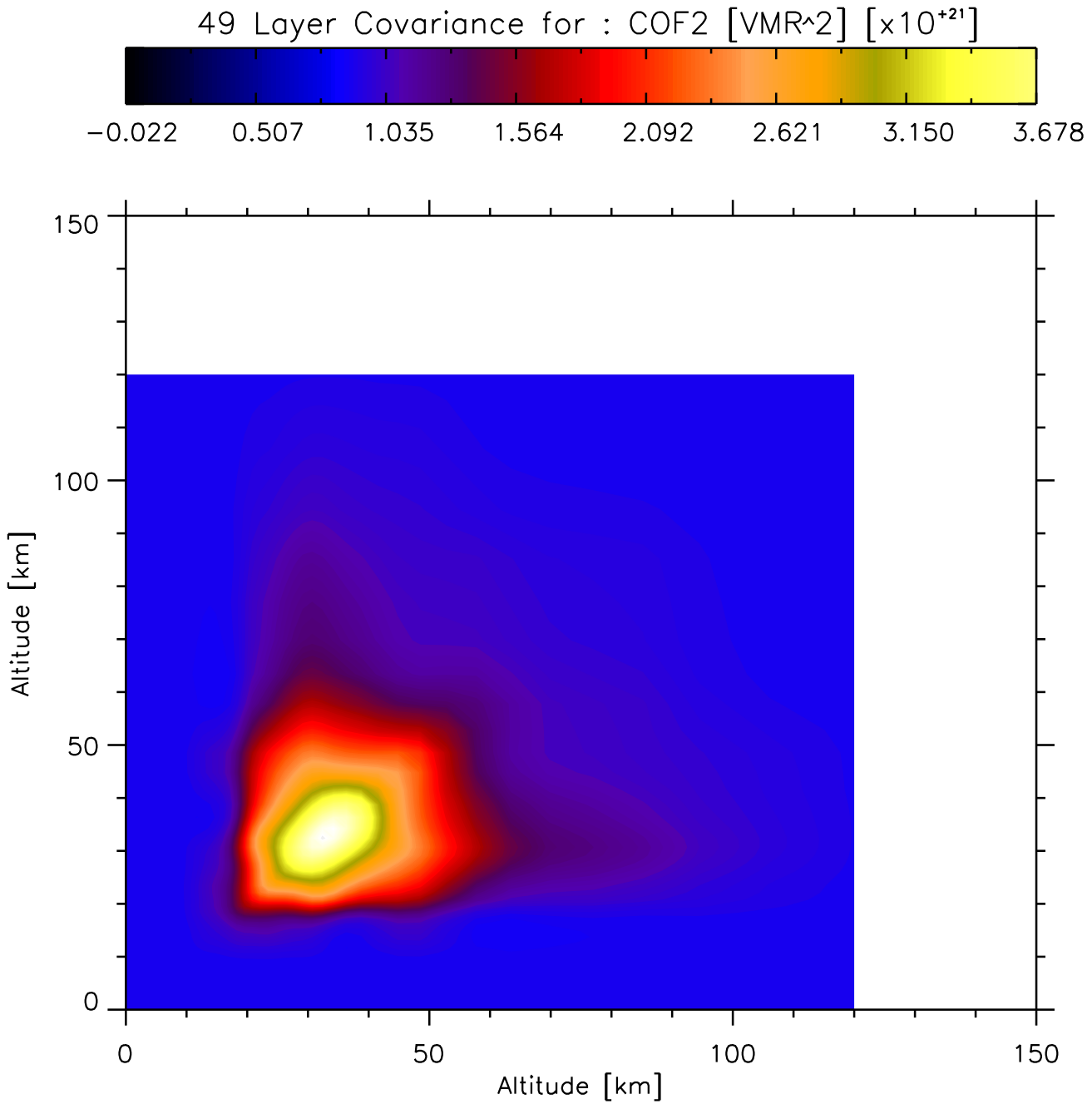

Initial & Interpolated profiles by month for : 2018
Anmyeondo 36.9N 128.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio

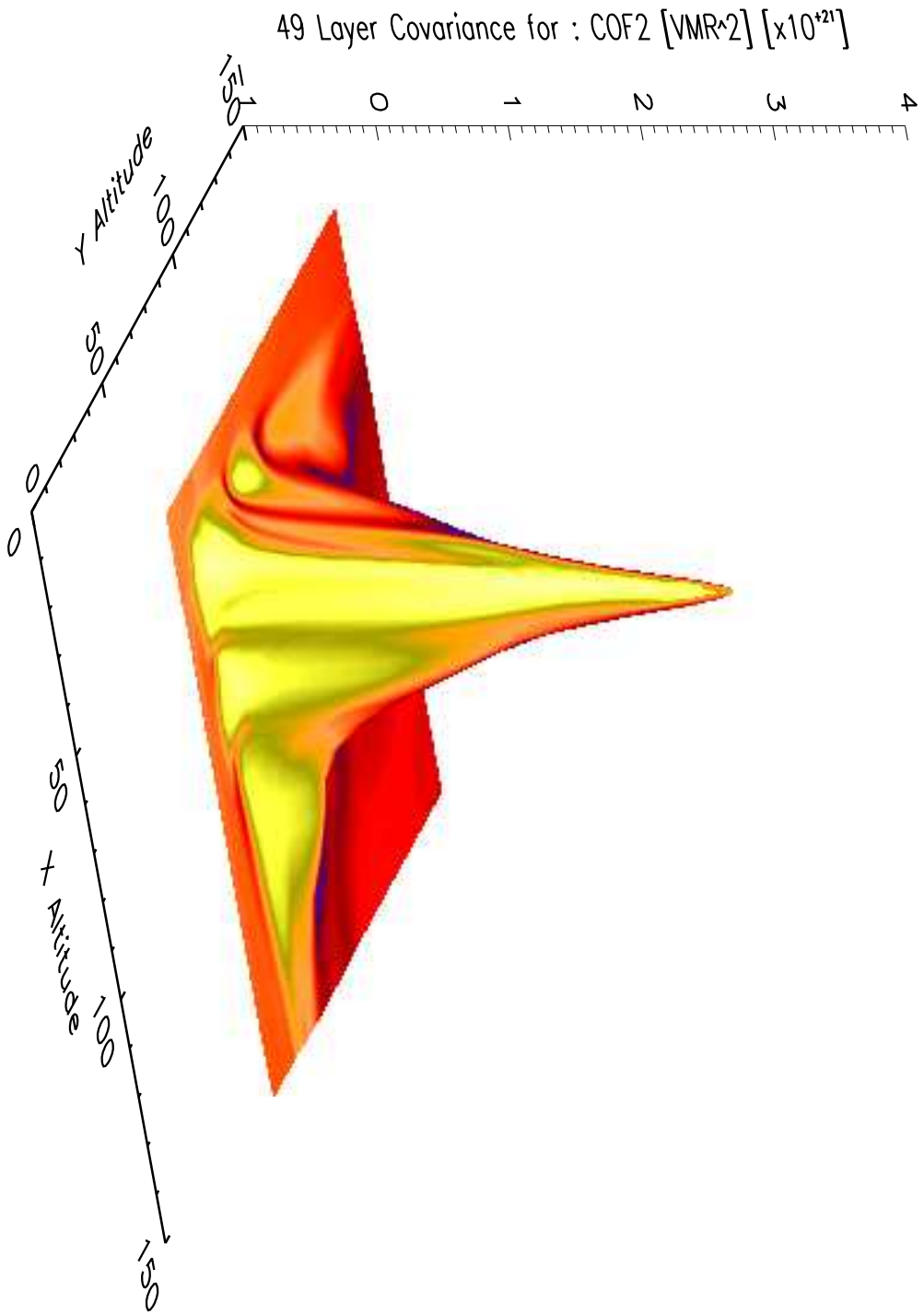

Initial & Interpolated profiles by month for : 2019
Anmyeondo 36.9N 128.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio

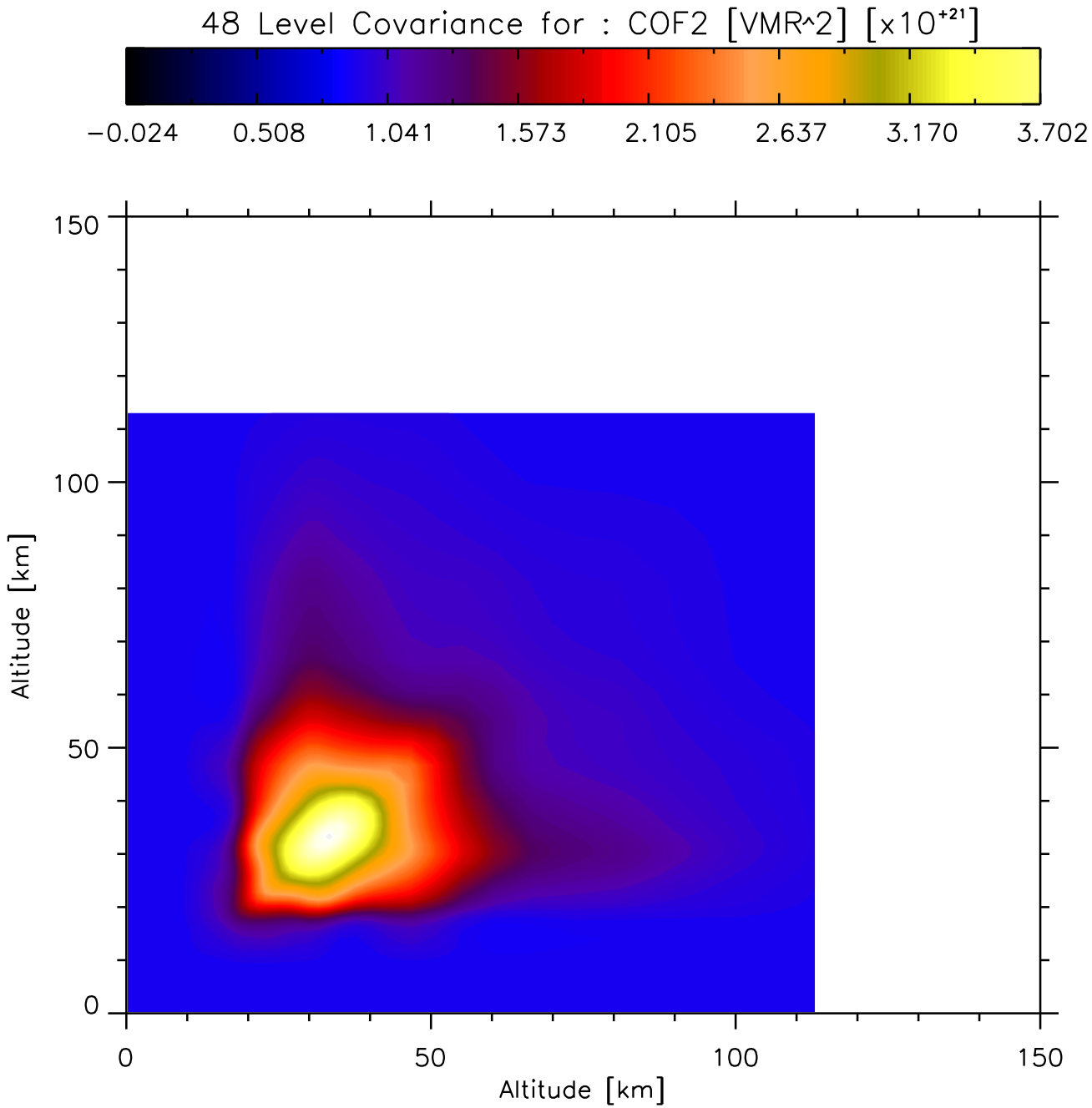

Initial & Interpolated profiles by month for : 2020
Anmyeondo 36.9N 128.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio

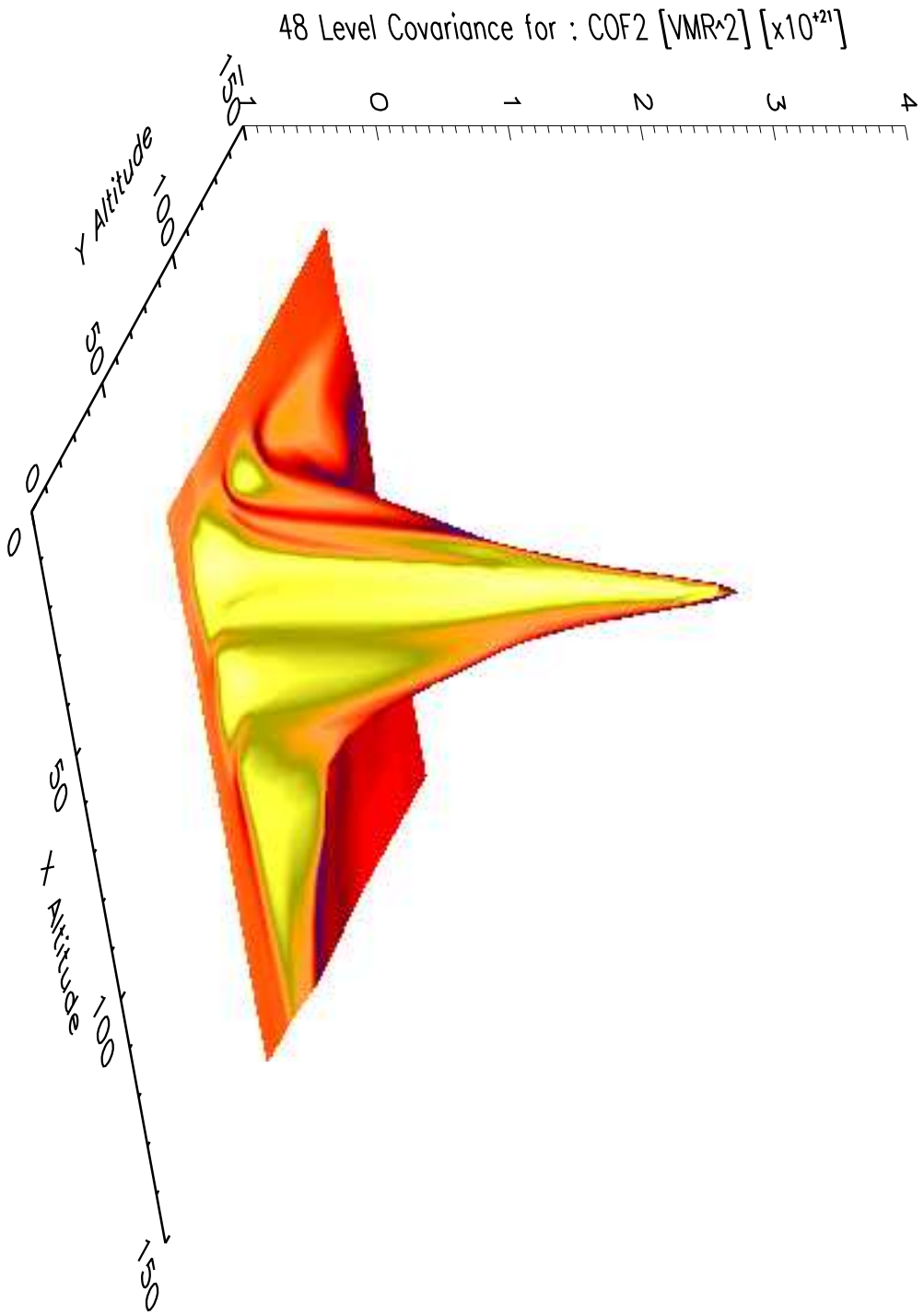

Station Grid
REFMOD Grid
Min, Max, Mean of : 492 profiles.
120
100
80
60
40
20
0
Altitude
10^{-30}
10^{-25}
10^{-20}
10^{-15}
10^{-10}
10^{-5}
Mixing Ratio


Std. Deviation
Percent Deviation
Station Grid
REFMOD Grid
Altitude
Altitude
SD
%
120
100
80
60
40
20
0
10^{-13}
10^{-12}
10^{-11}
10^{-10}
20
40
60
80
100
120


49 Layer Covariance for : COF2 [VMR^2] [x10^+21]
−0.022
0.507
1.035
1.564
2.092
2.621
3.150
3.678
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


49 Layer Covariance for : COF2 [VMR^2] [x10^+21]
0
1
2
3
4
Y Altitude
150
100
50
0
X Altitude
0
50
100
150


48 Level Covariance for : COF2 [VMR^2] [x10^+21]
−0.024
0.508
1.041
1.573
2.105
2.637
3.170
3.702
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


48 Level Covariance for : COF2 [VMR^2] [x10^+21]
0
1
2
3
4
Y Altitude
0
50
100
150
0
50
100
150
X Altitude