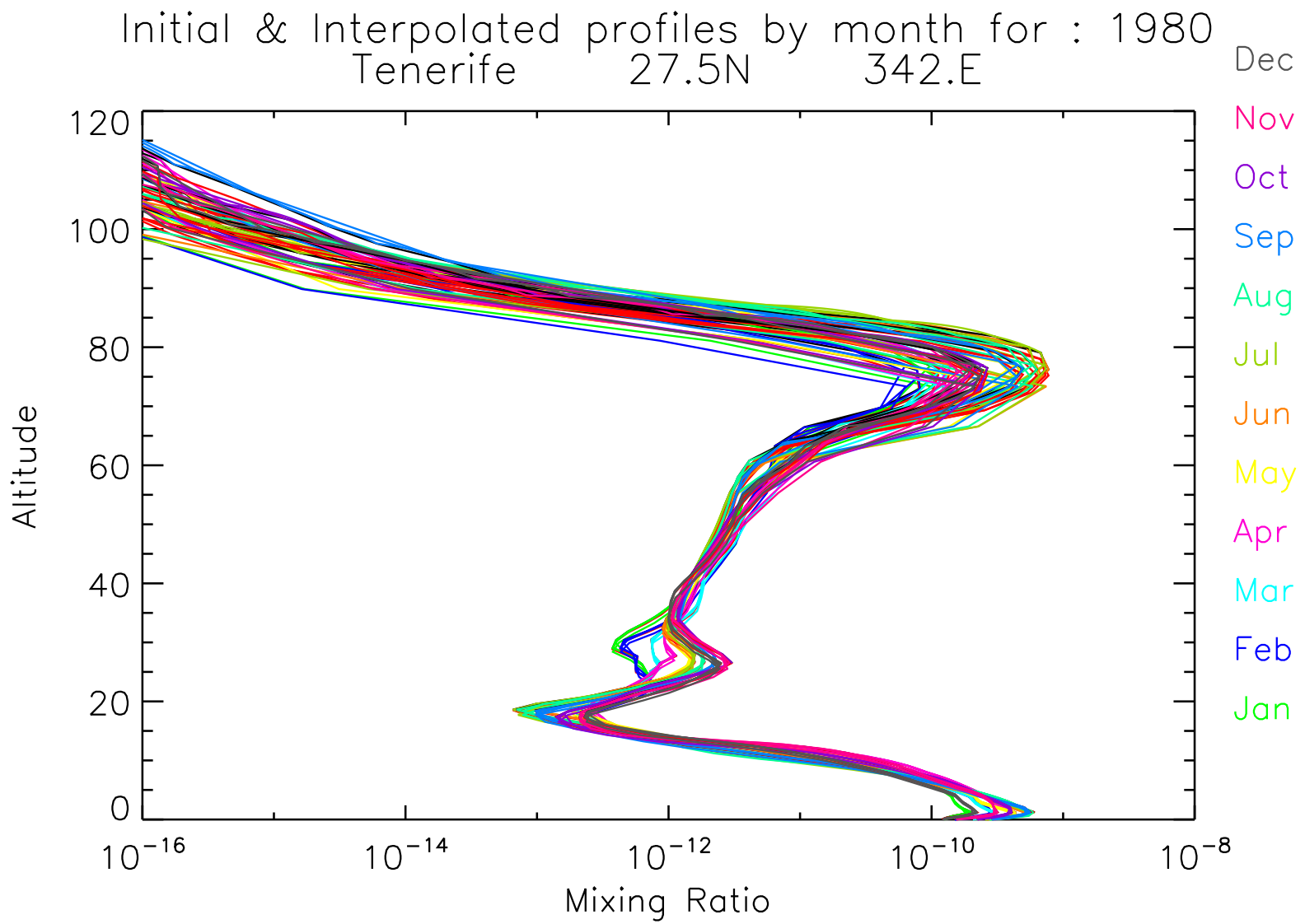
Initial & Interpolated profiles by month for : 1980
Tenerife 27.5N 342.E
Altitude
120
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Mixing Ratio
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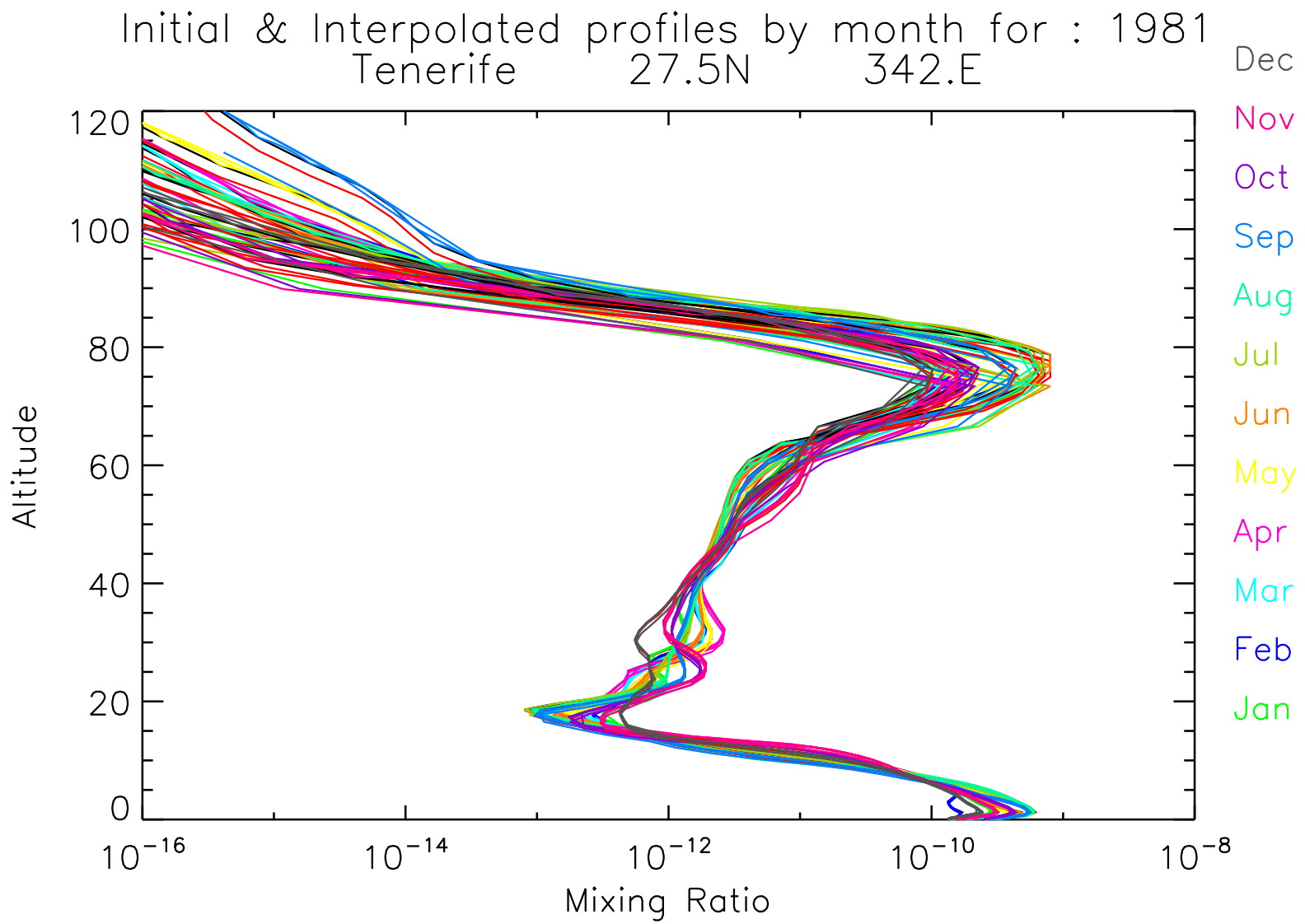
Initial & Interpolated profiles by month for : 1981
Tenerife 27.5N 342.E
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Altitude
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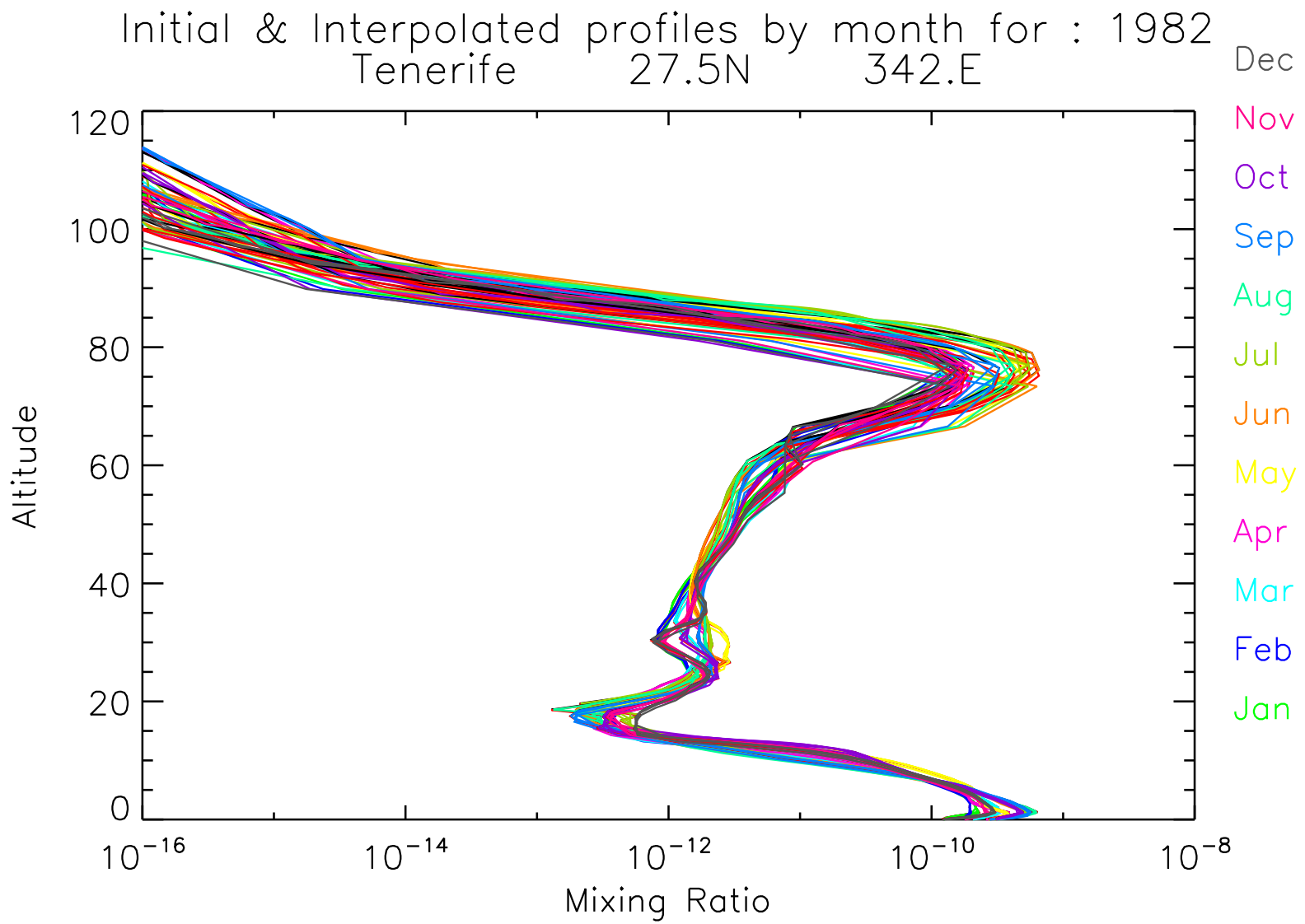
10^{-10}
10^{-8}
Mixing Ratio


Initial & Interpolated profiles by month for : 1982
Tenerife 27.5N 342.E
Altitude
120
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10^{-16}
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Mixing Ratio
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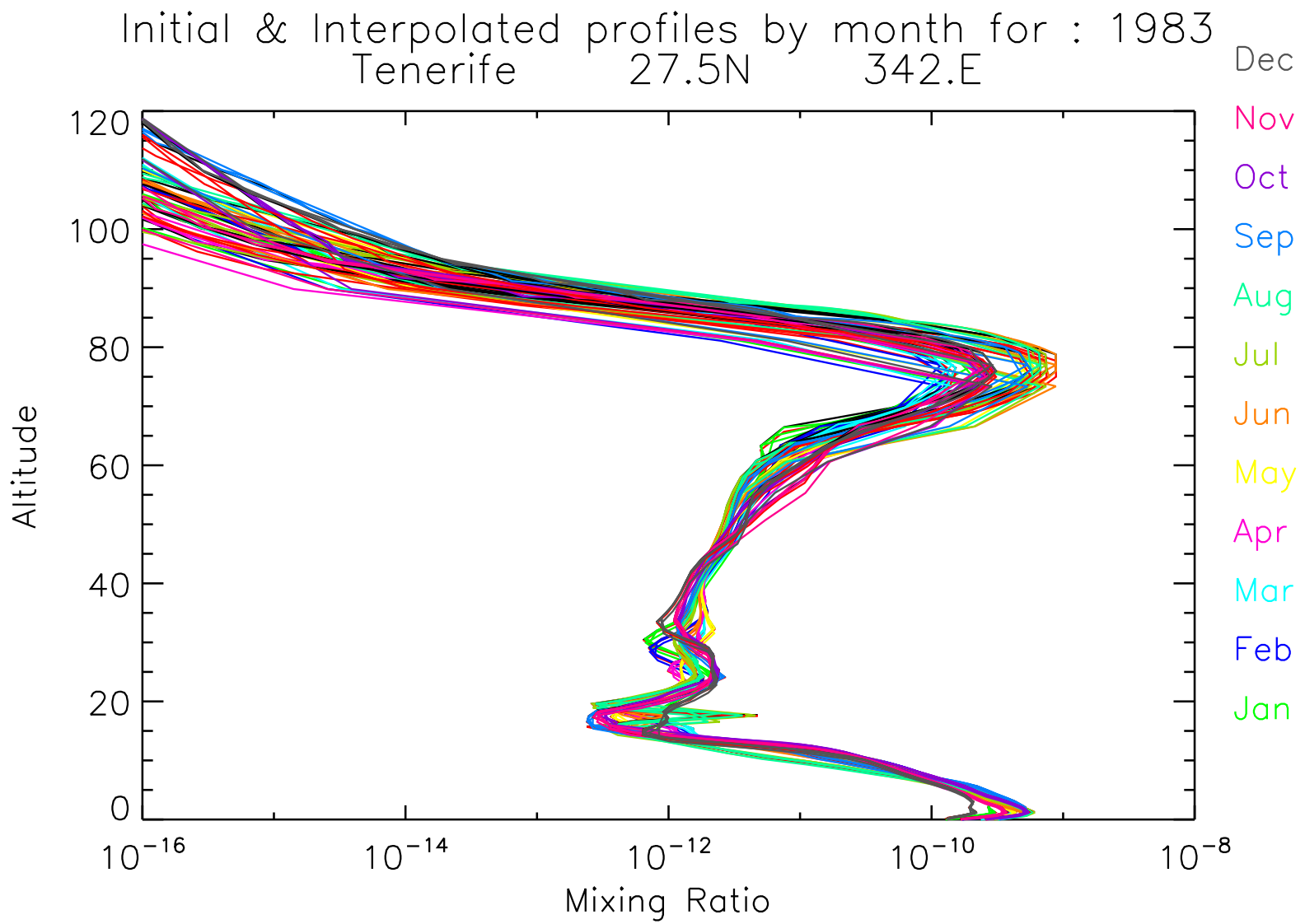
Initial & Interpolated profiles by month for : 1983
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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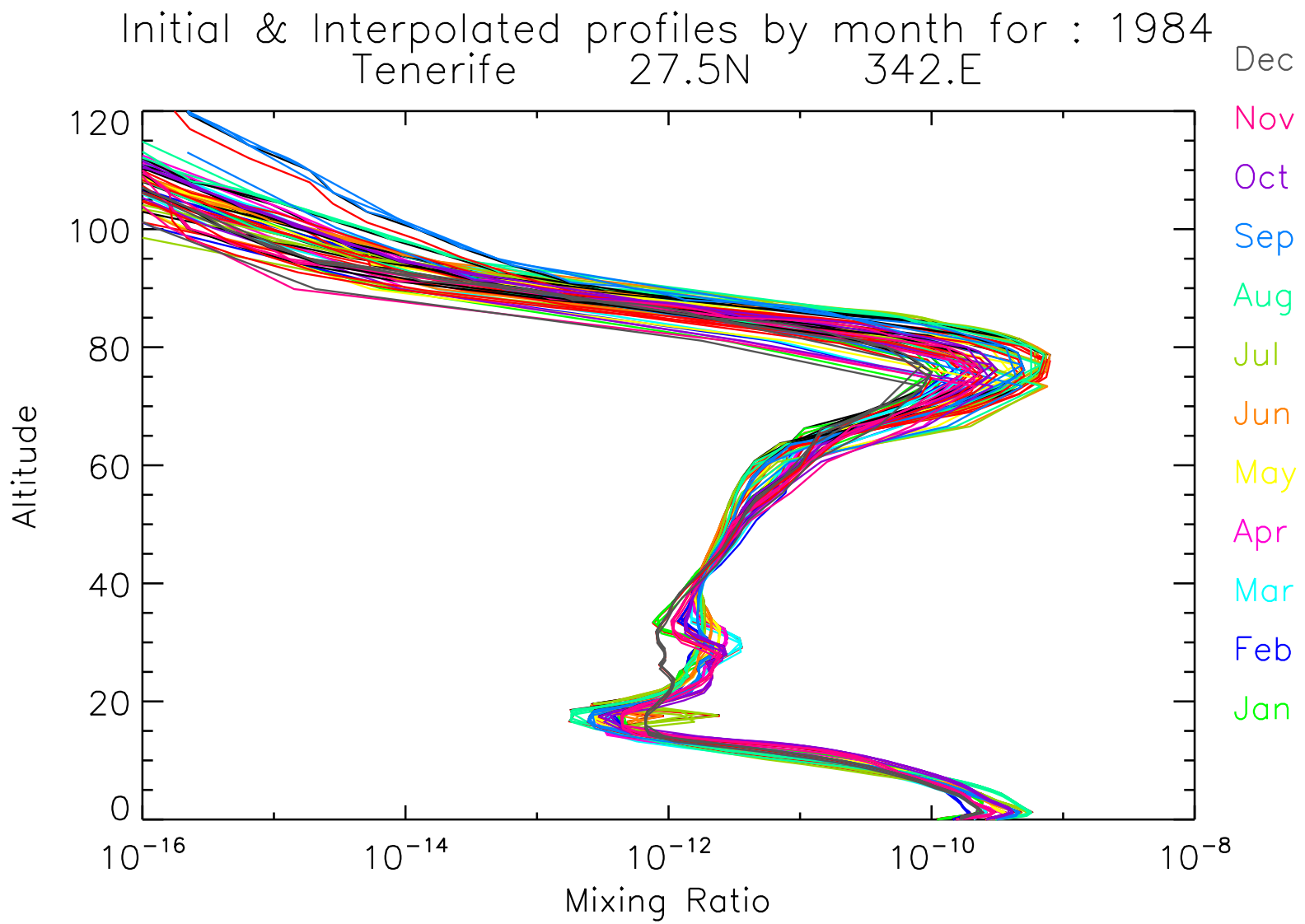
Initial & Interpolated profiles by month for : 1984
Tenerife 27.5N 342.E
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Altitude
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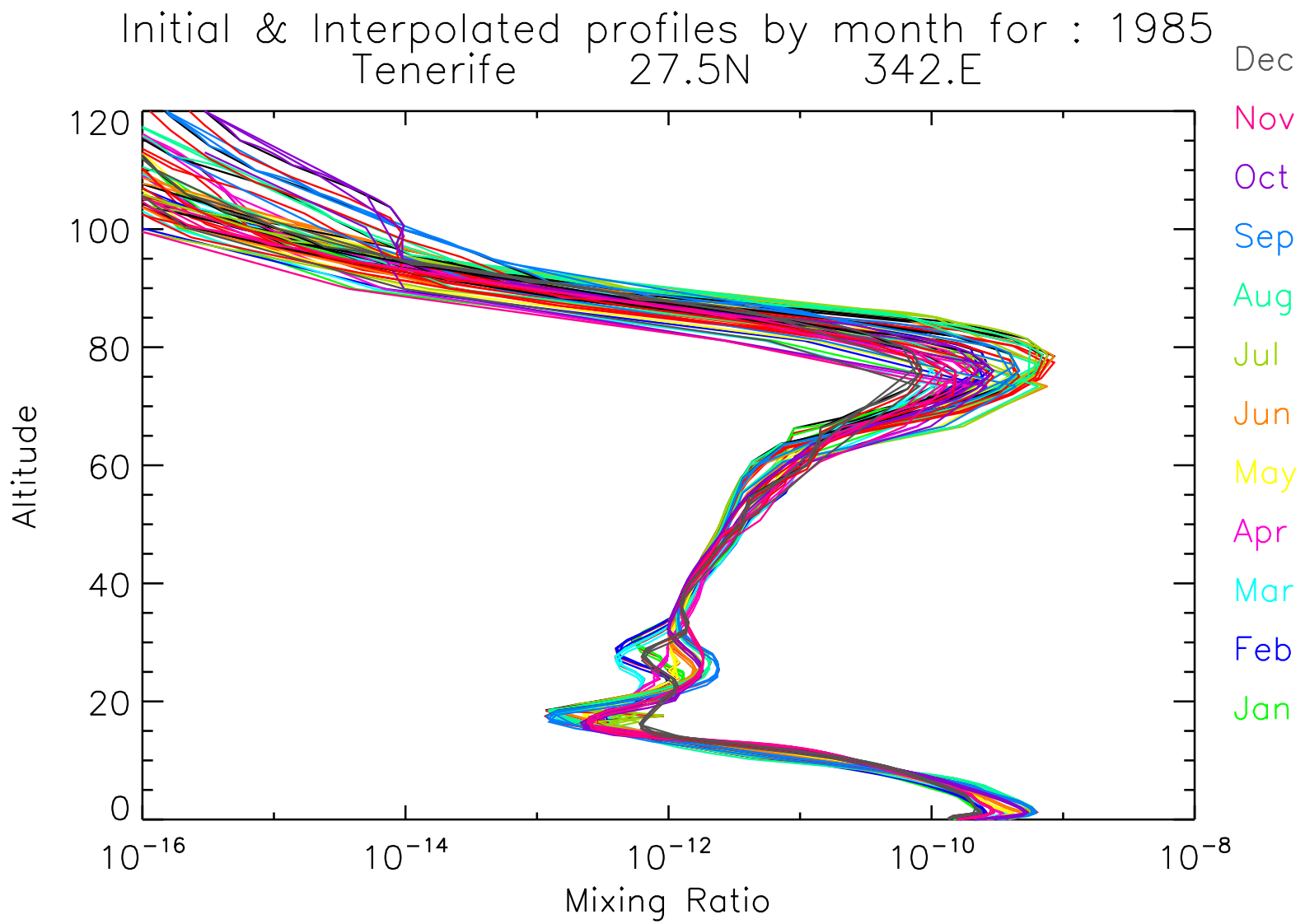
10^{-8}
Mixing Ratio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Tenerife 27.5N 342.E
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Altitude
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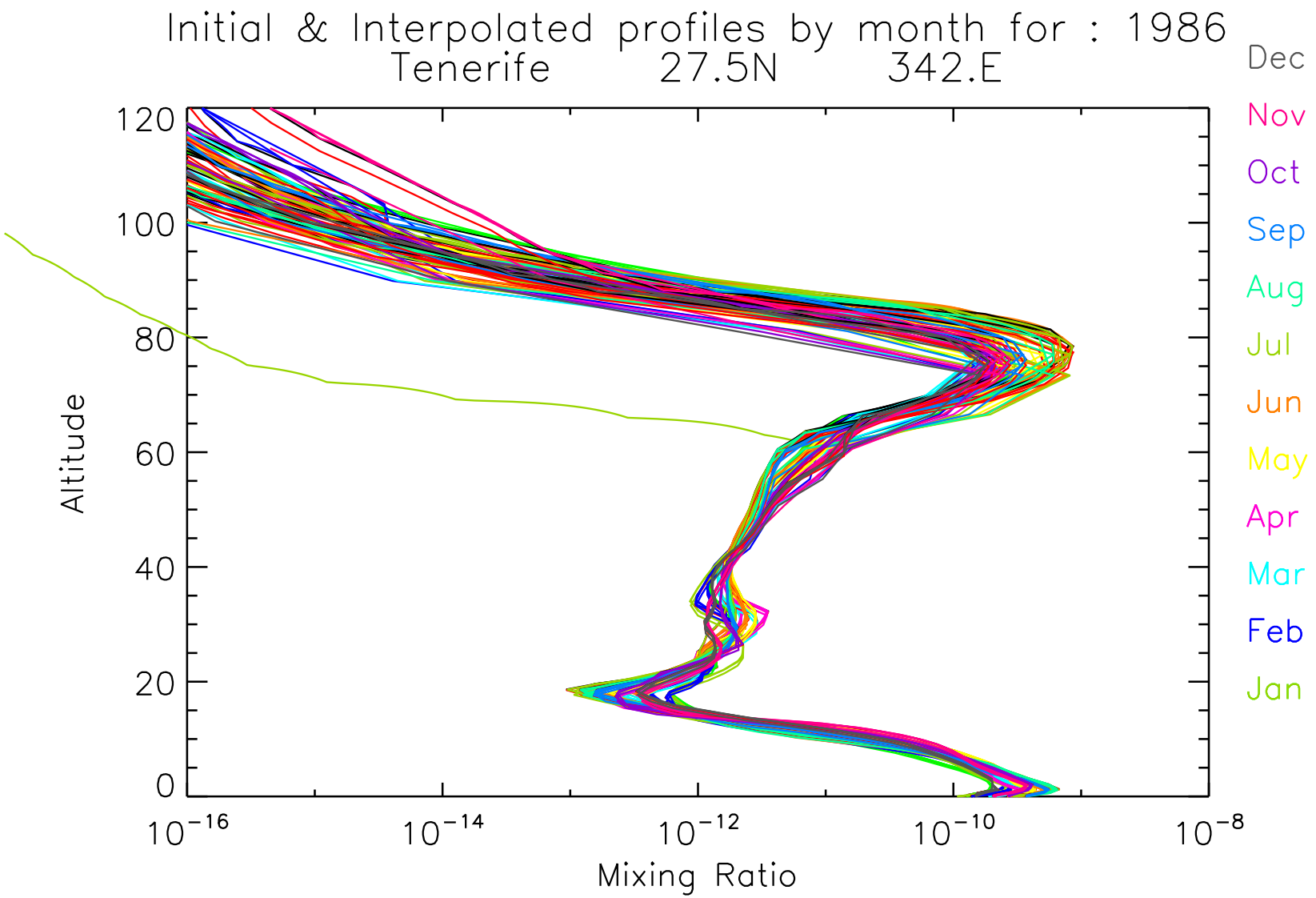
Mixing Ratio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Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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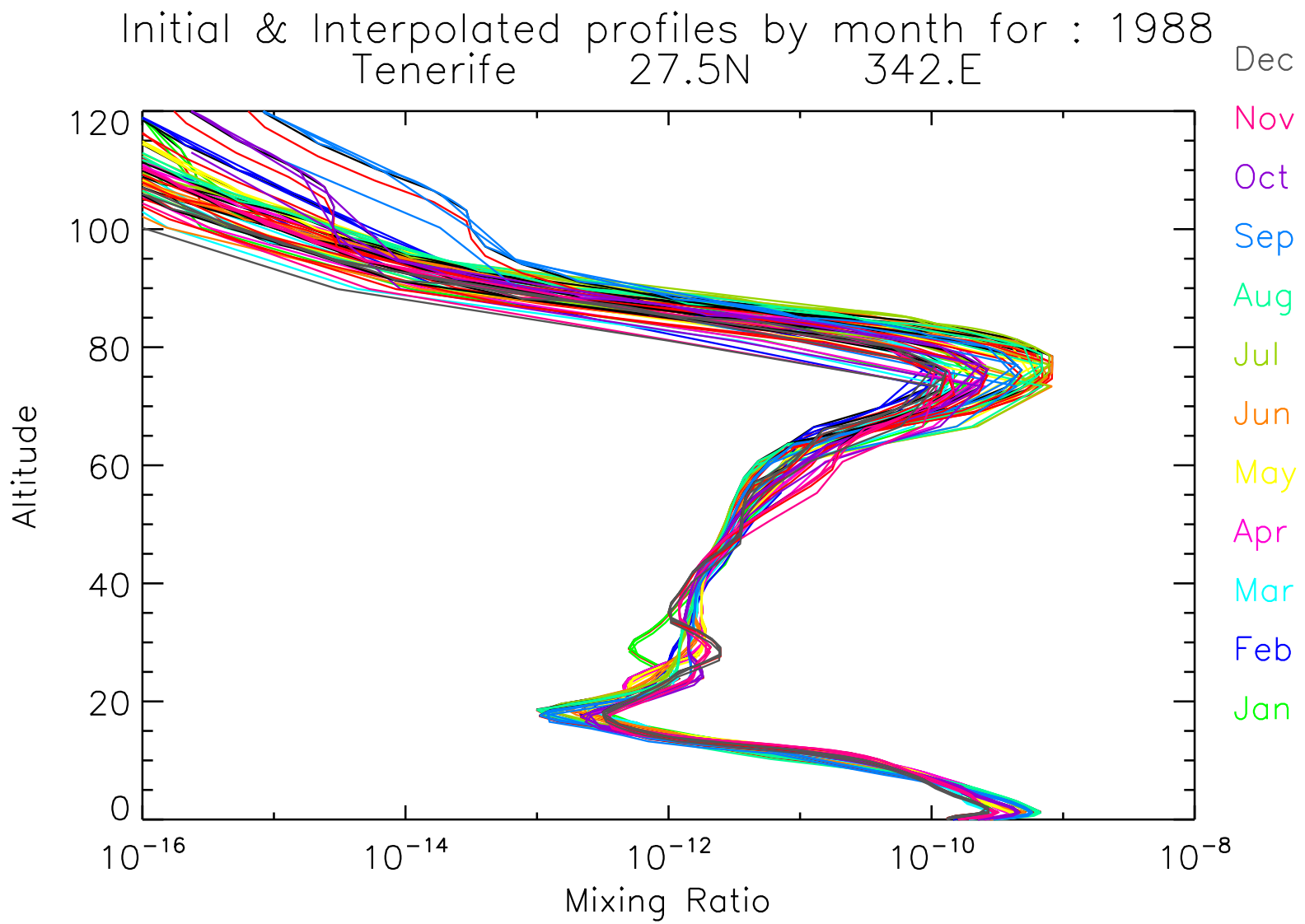
Initial & Interpolated profiles by month for : 1988
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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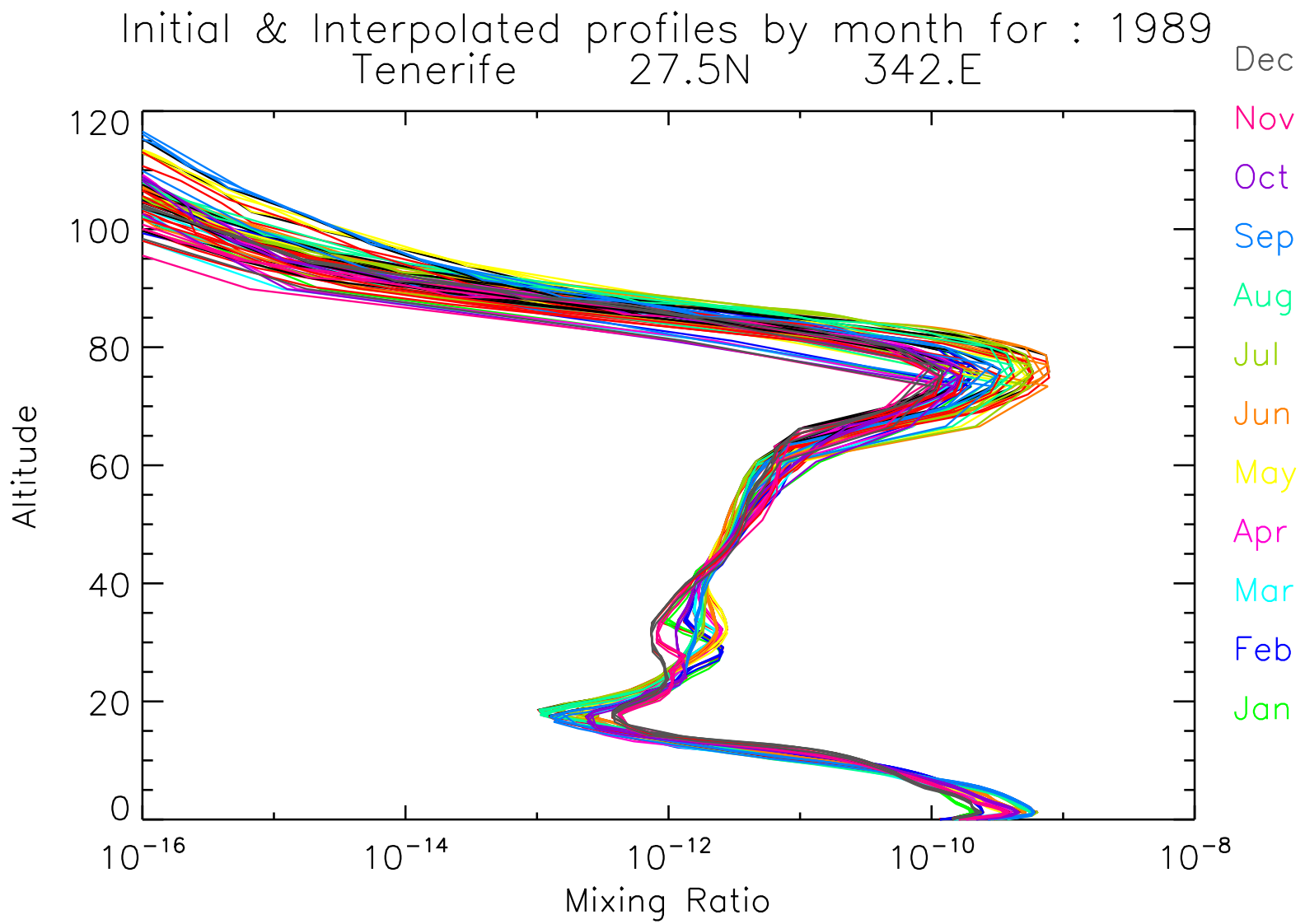
Initial & Interpolated profiles by month for : 1989
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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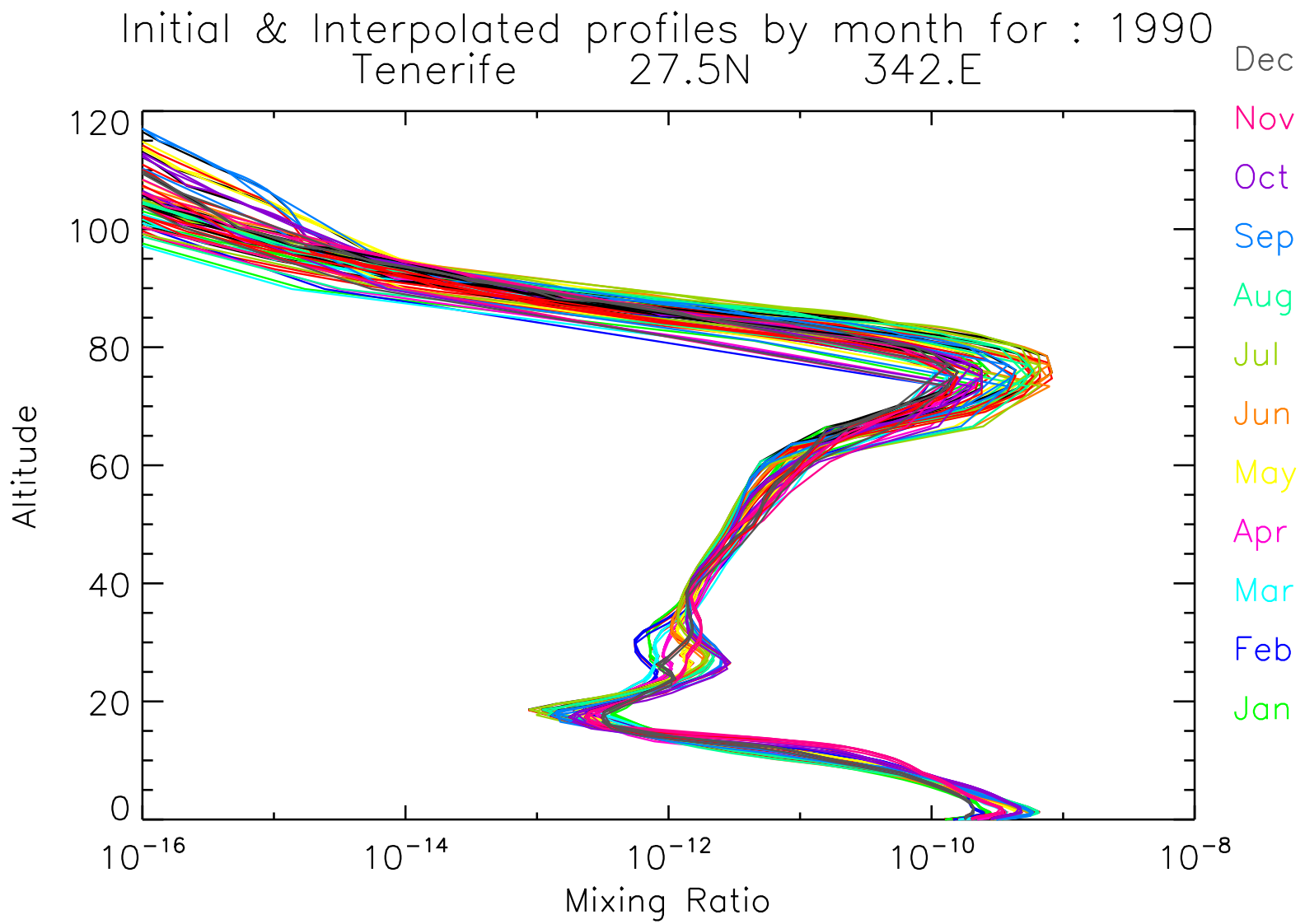
Initial & Interpolated profiles by month for : 1990
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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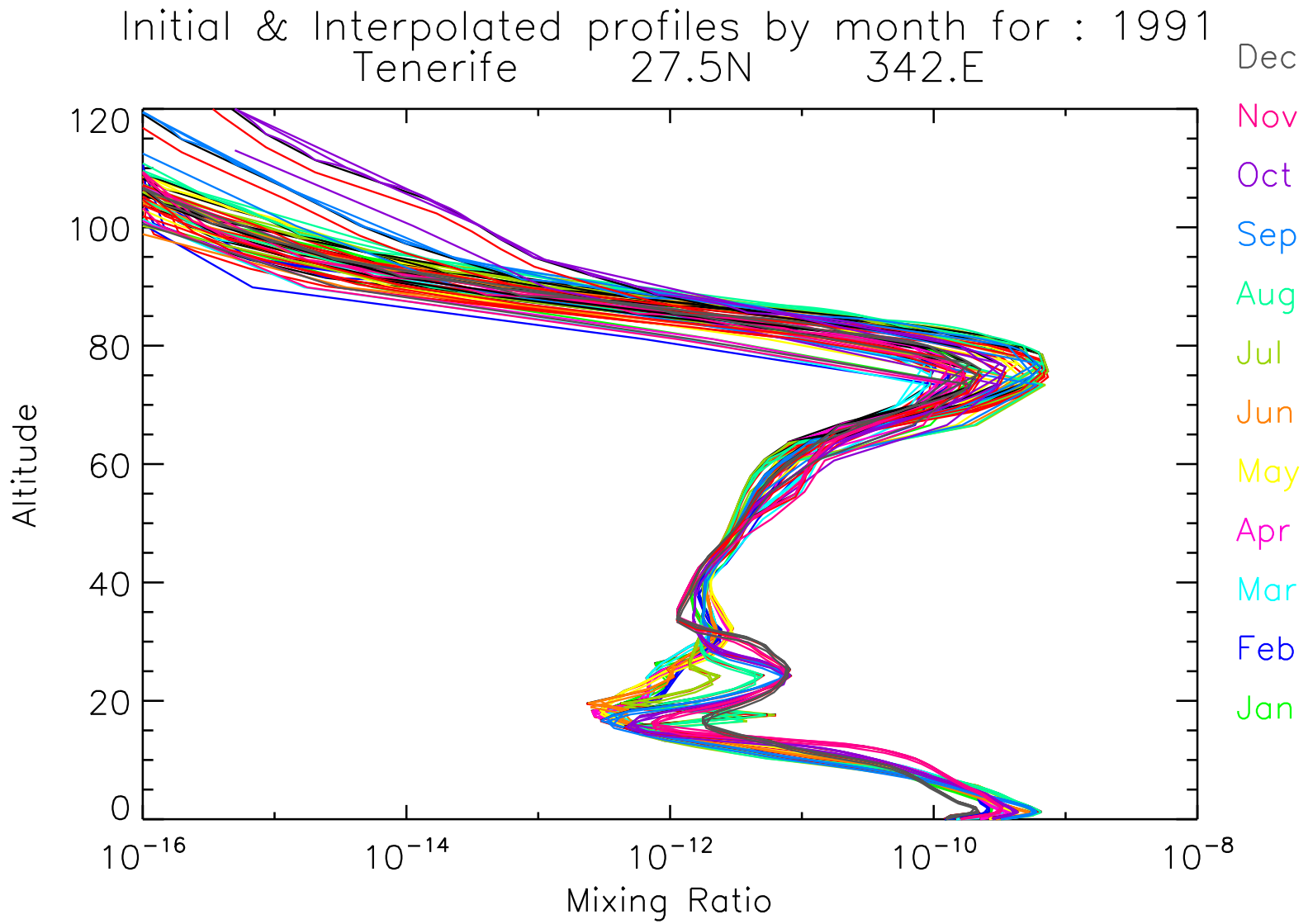
Initial & Interpolated profiles by month for : 1991
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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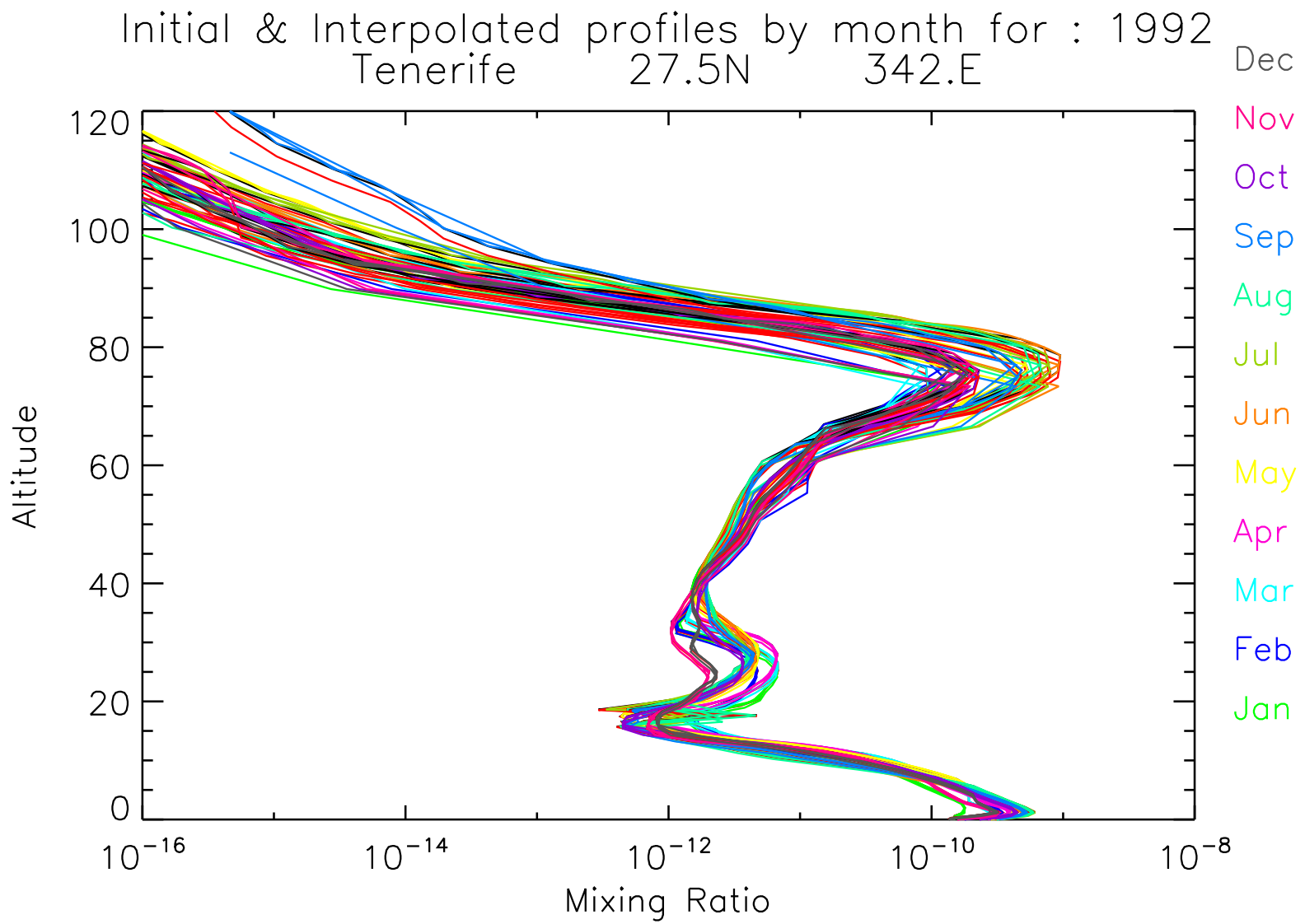
Initial & Interpolated profiles by month for : 1992
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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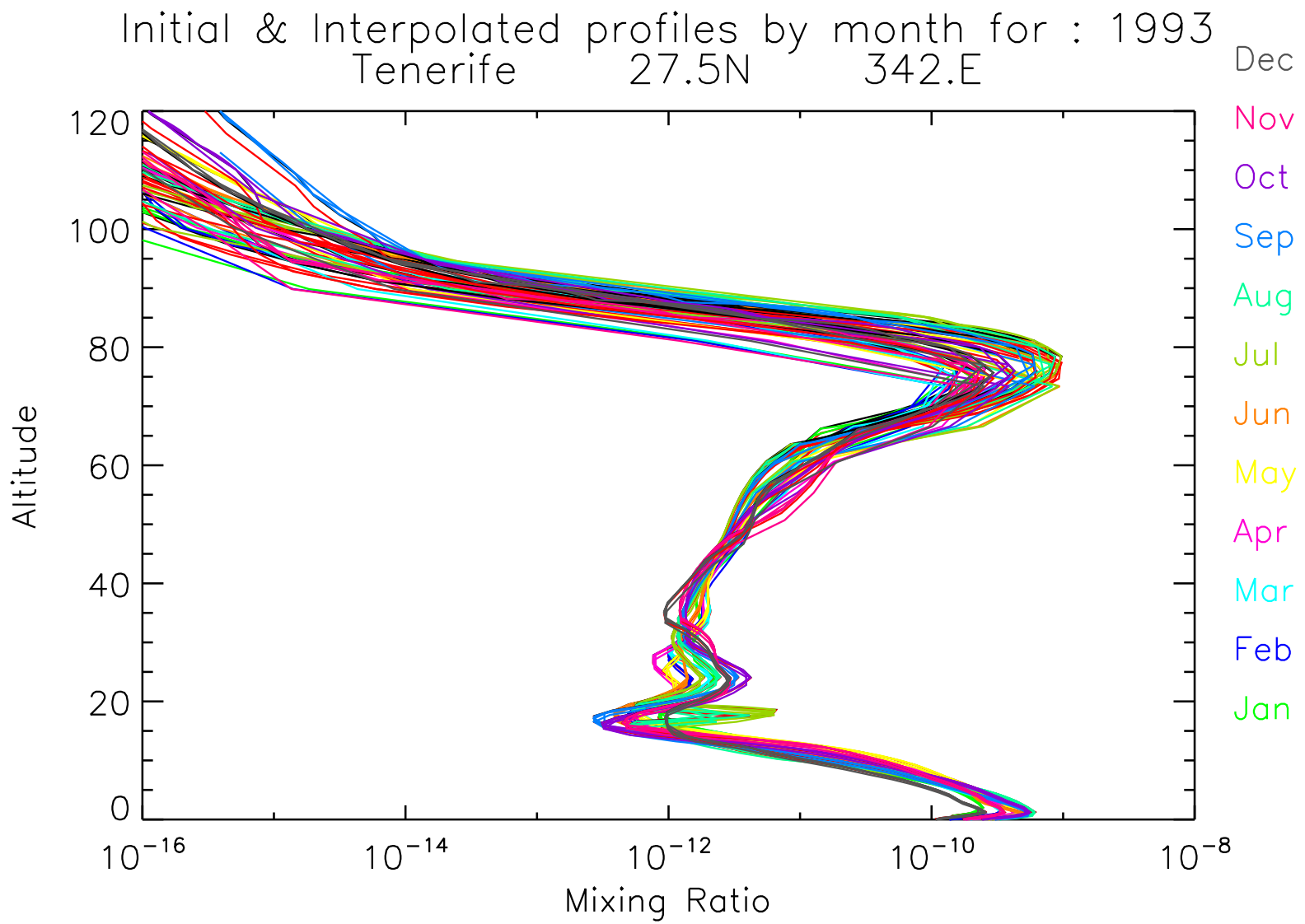
Initial & Interpolated profiles by month for : 1993
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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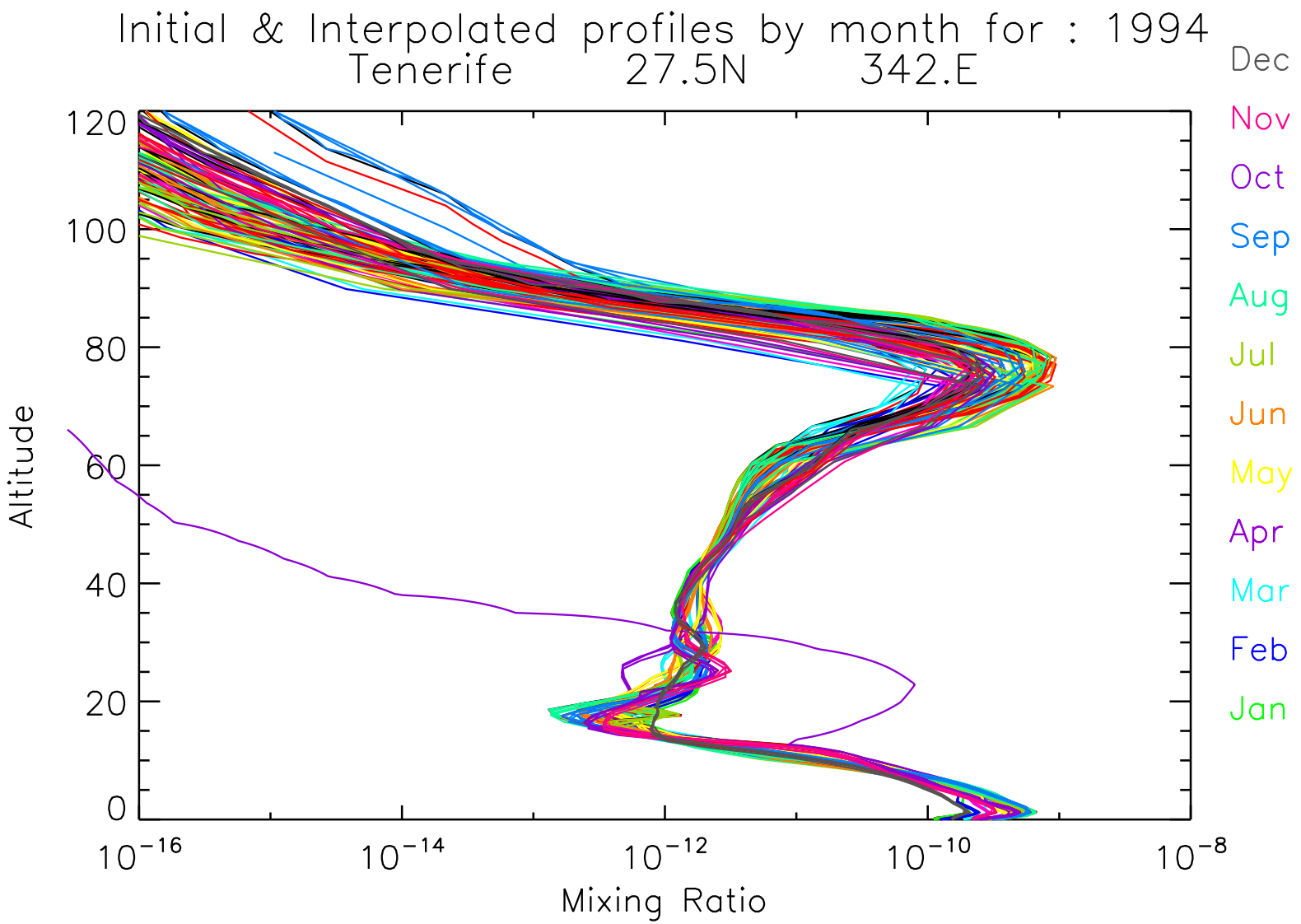
Initial & Interpolated profiles by month for : 1994
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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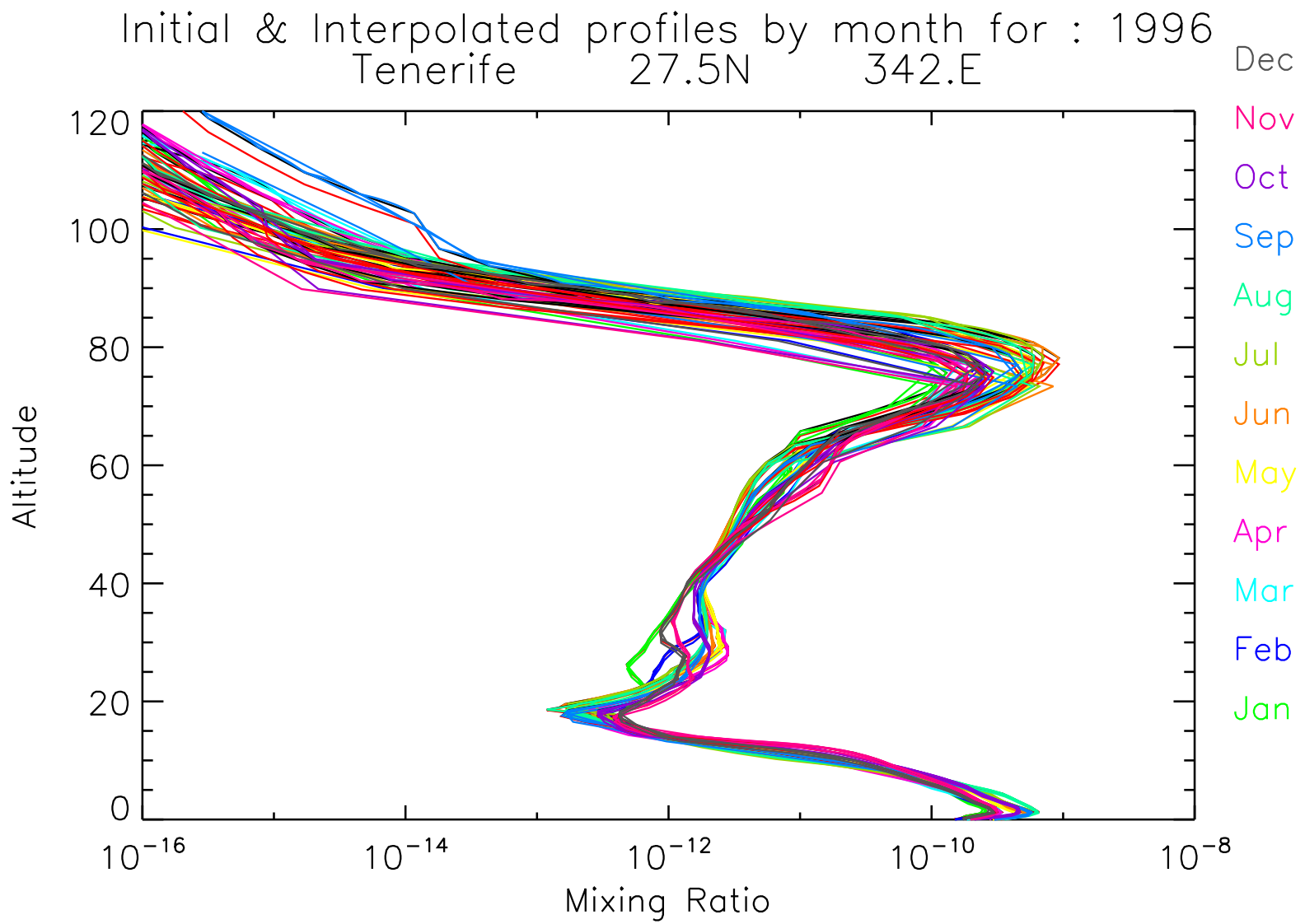
Initial & Interpolated profiles by month for : 1996
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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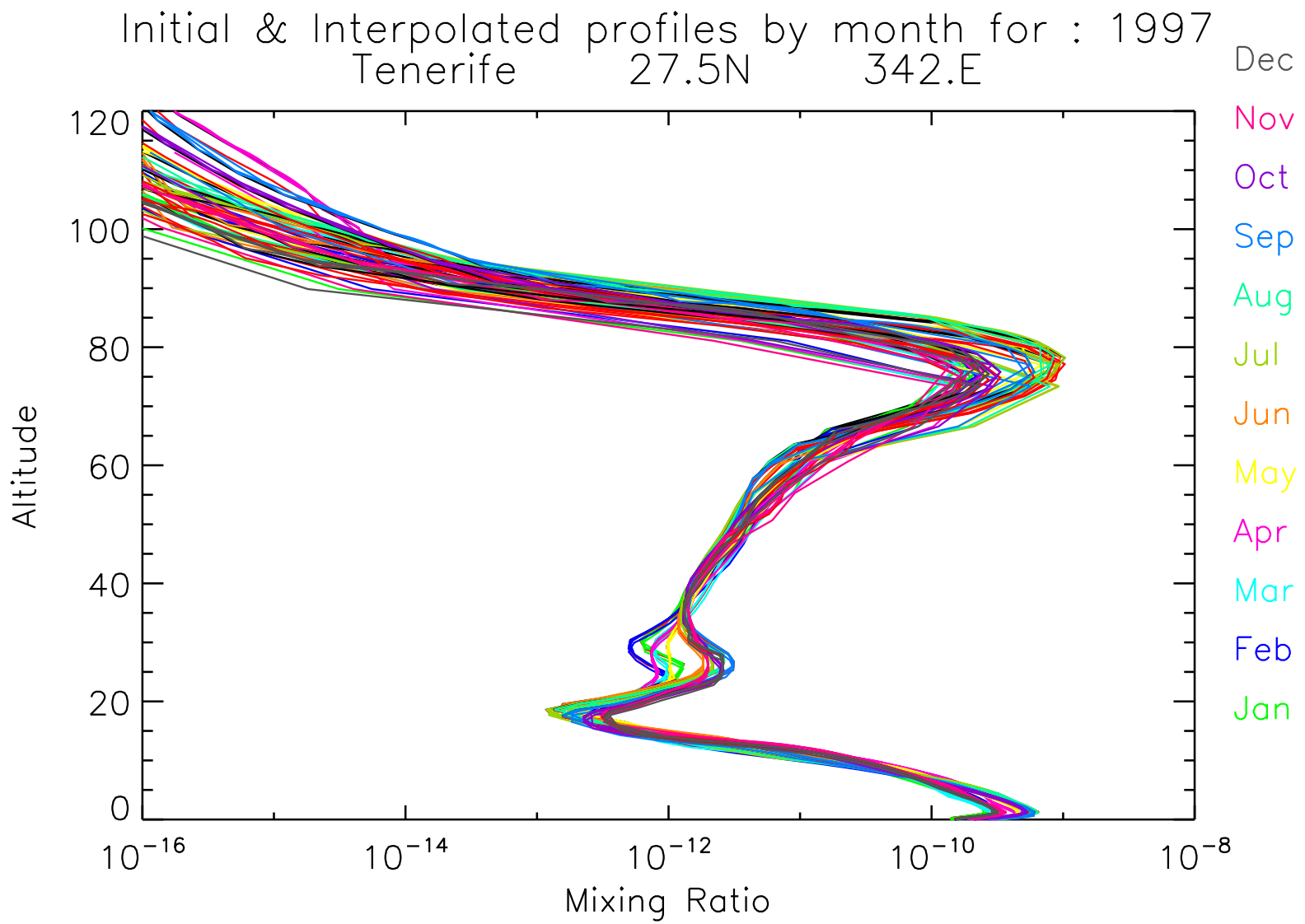
Initial & Interpolated profiles by month for : 1997
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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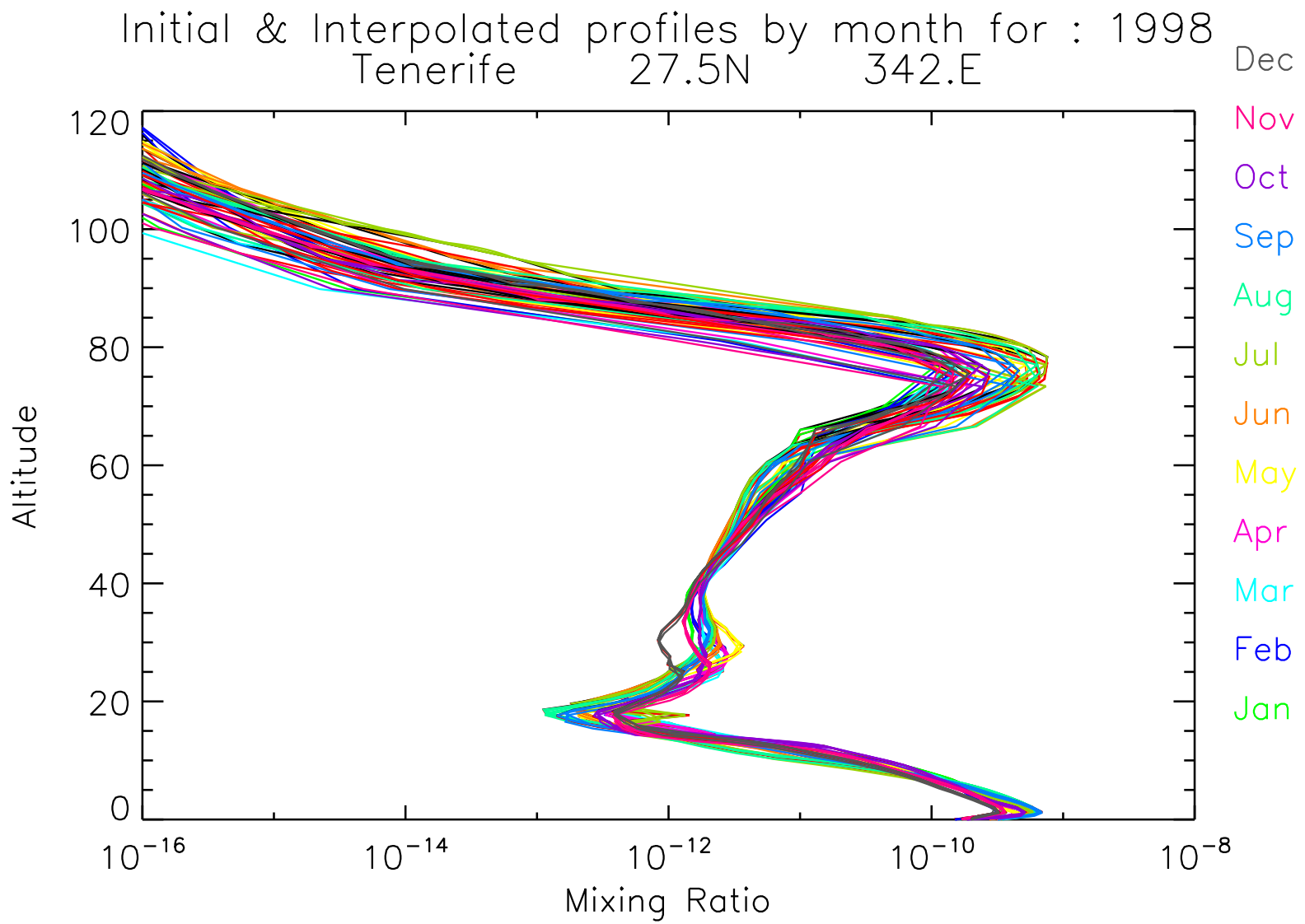
Initial & Interpolated profiles by month for : 1998
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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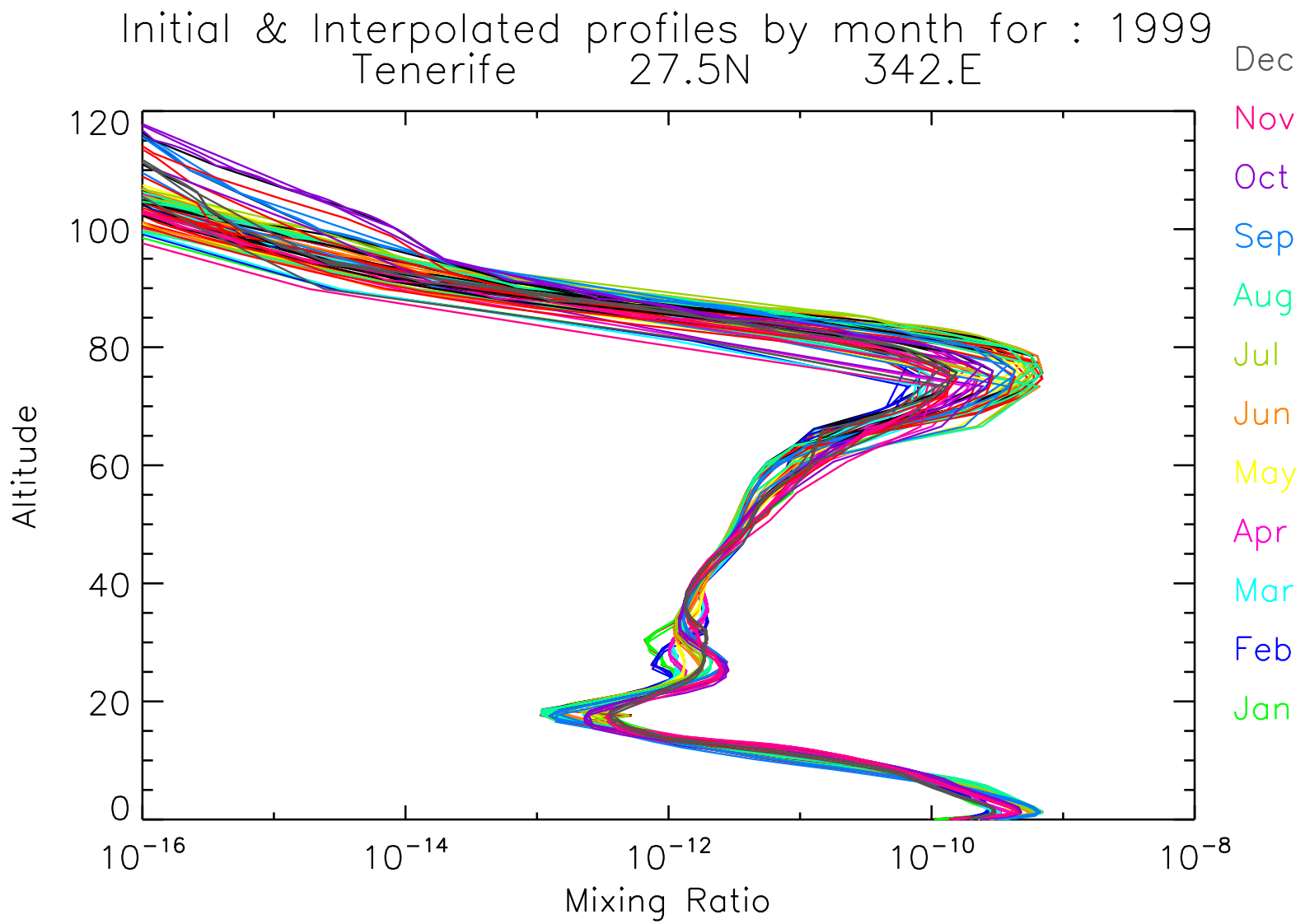
Initial & Interpolated profiles by month for : 1999
Tenerife 27.5N 342.E
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Altitude
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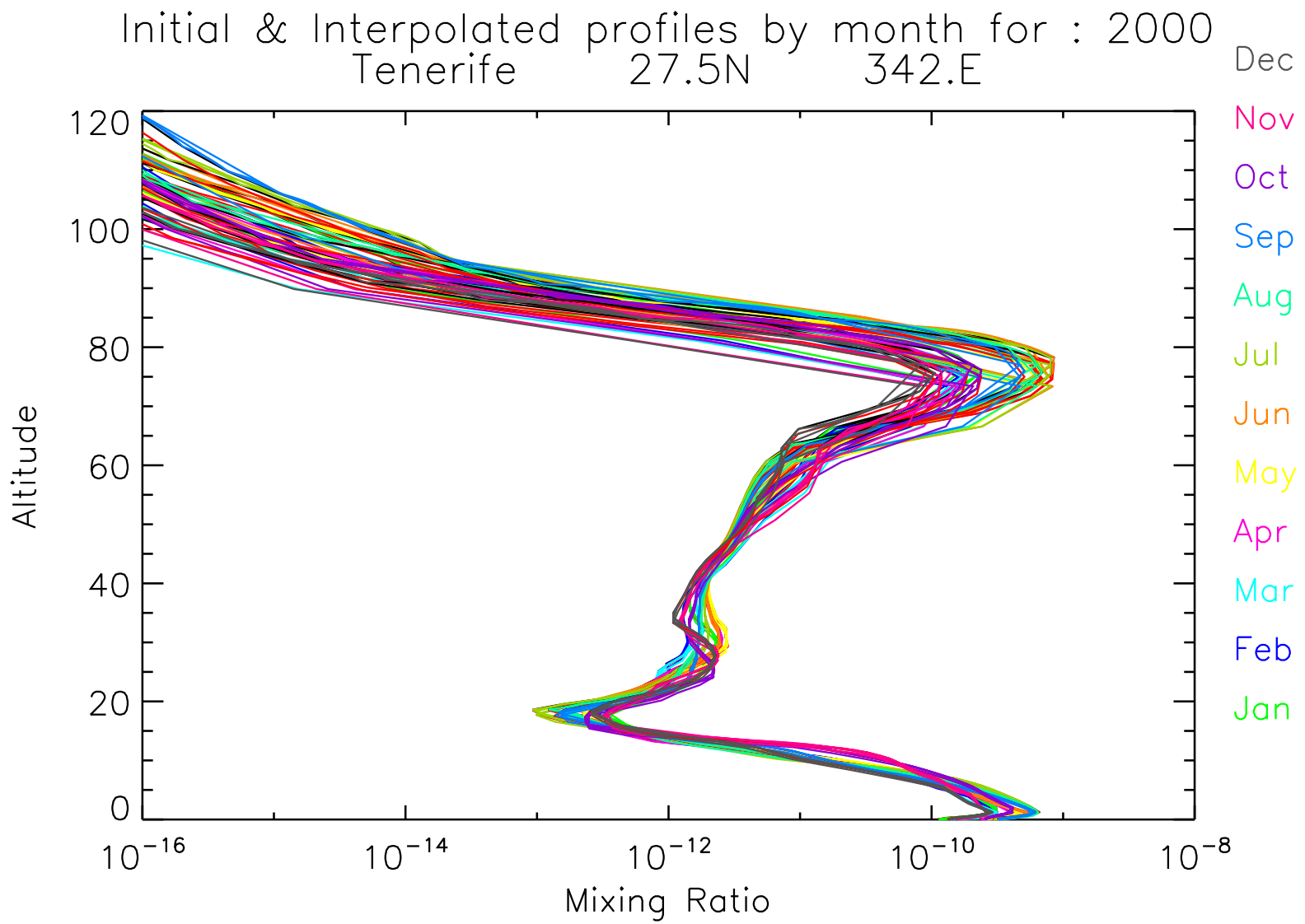
10^{-8}
Mixing Ratio


Initial & Interpolated profiles by month for : 2000
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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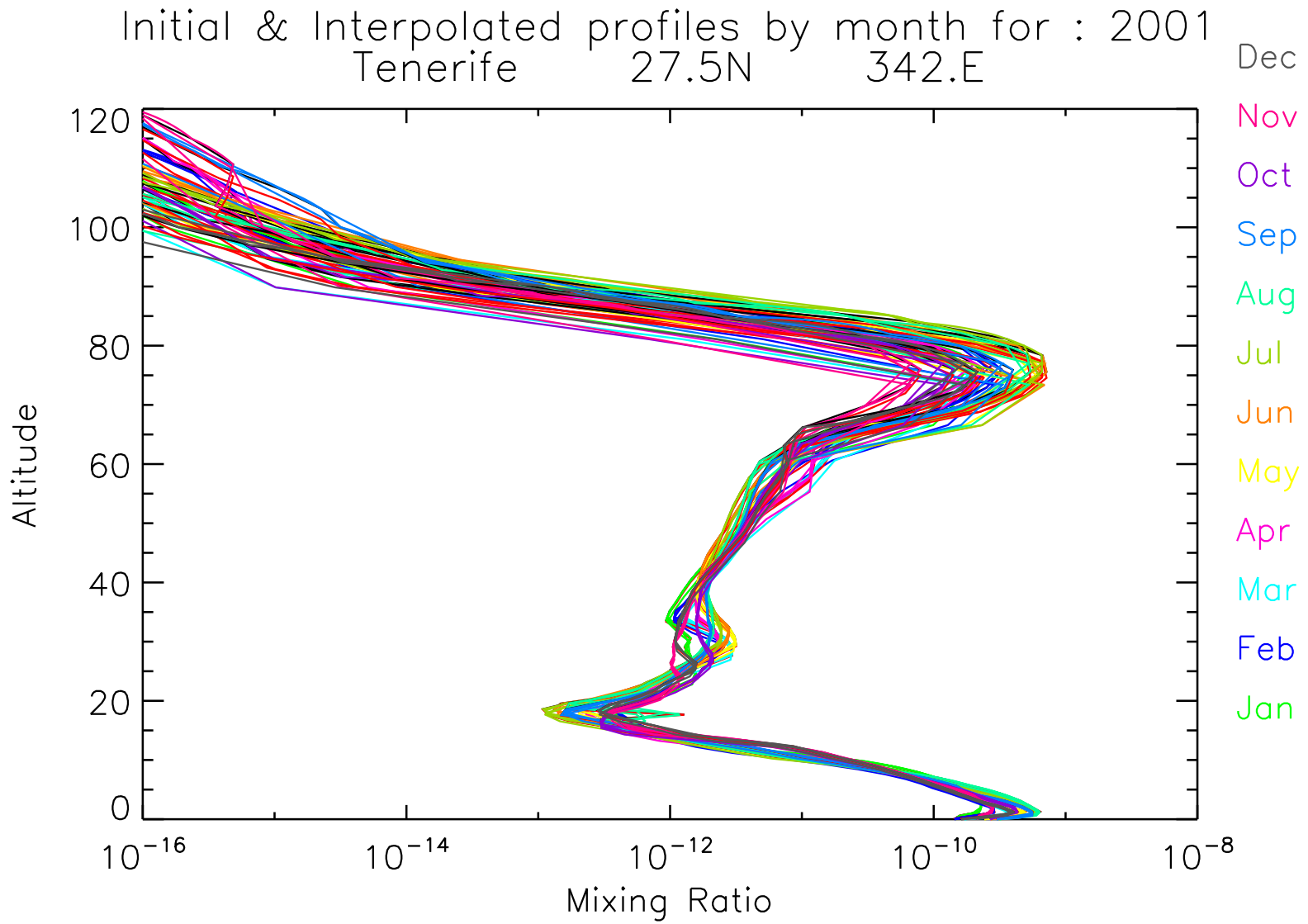
Initial & Interpolated profiles by month for : 2001
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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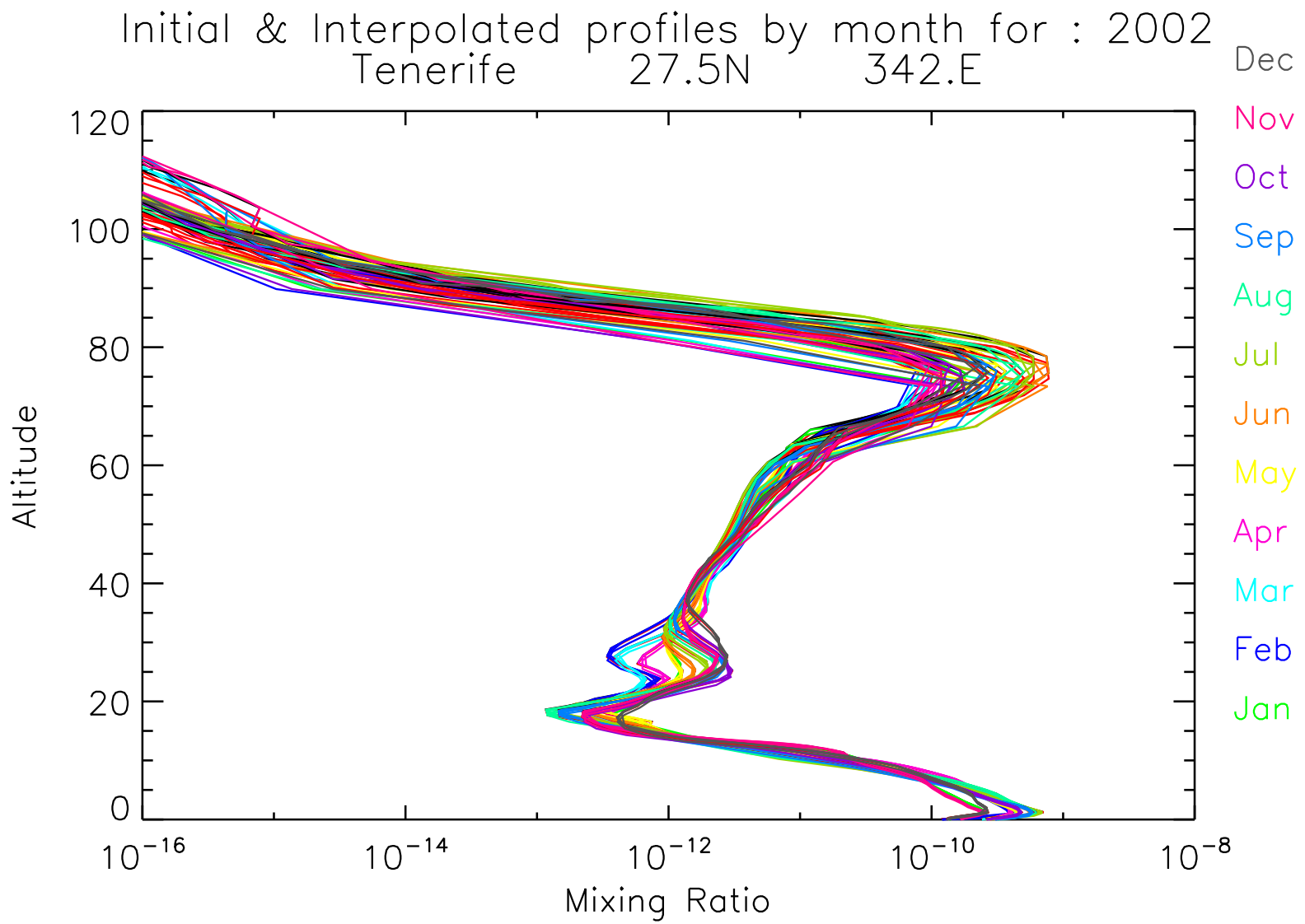
Initial & Interpolated profiles by month for : 2002
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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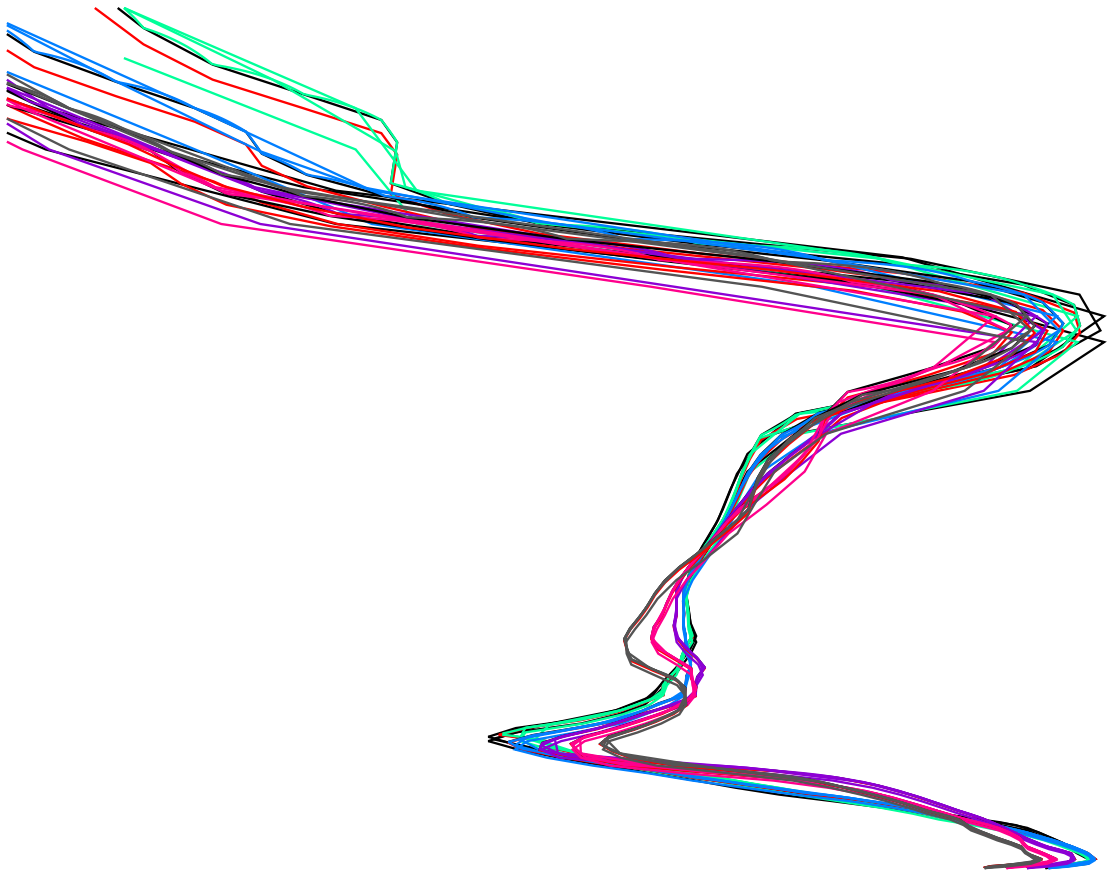
Initial & Interpolated profiles by $\widetilde{m}$



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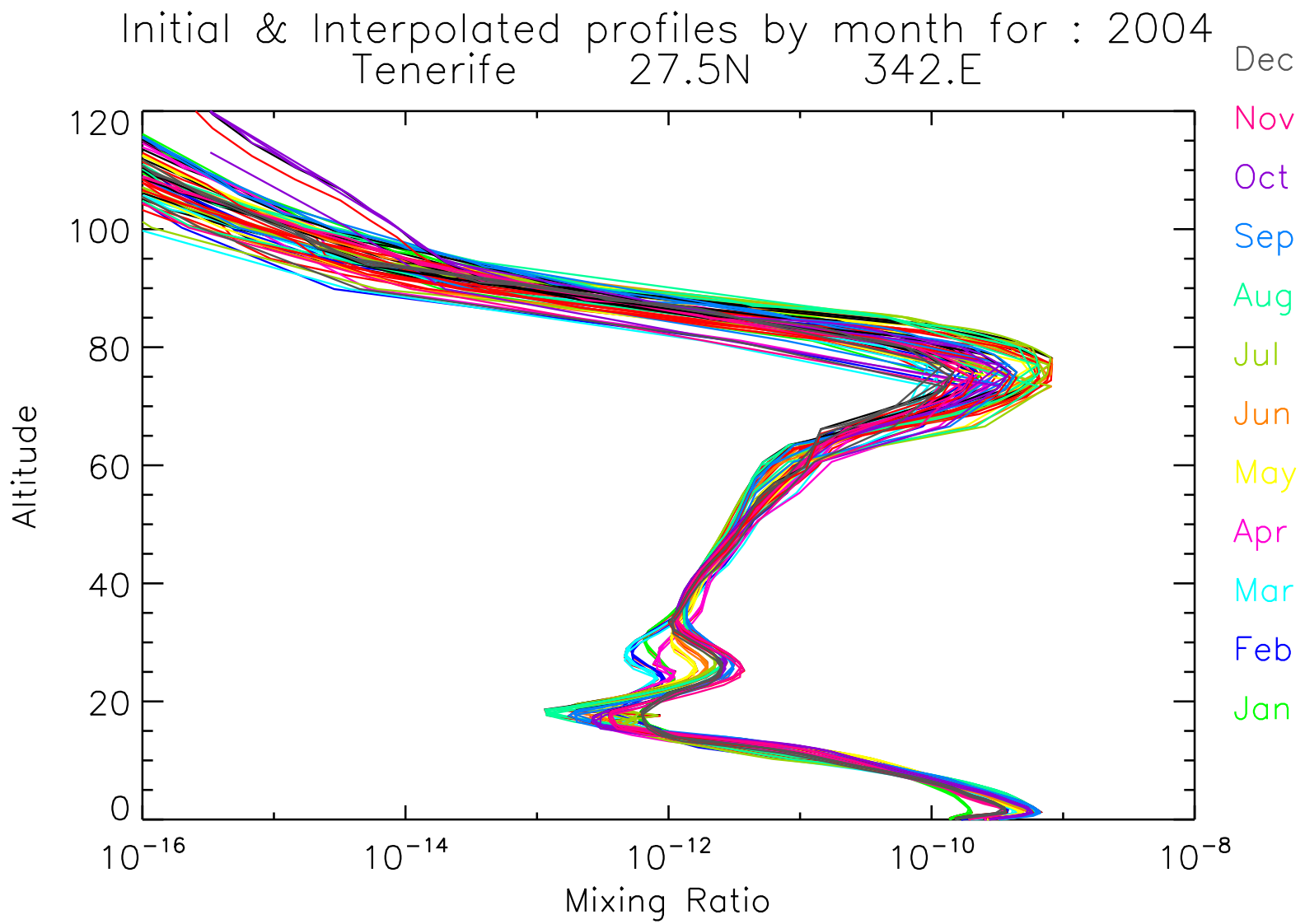
Initial & Interpolated profiles by month for : 2004
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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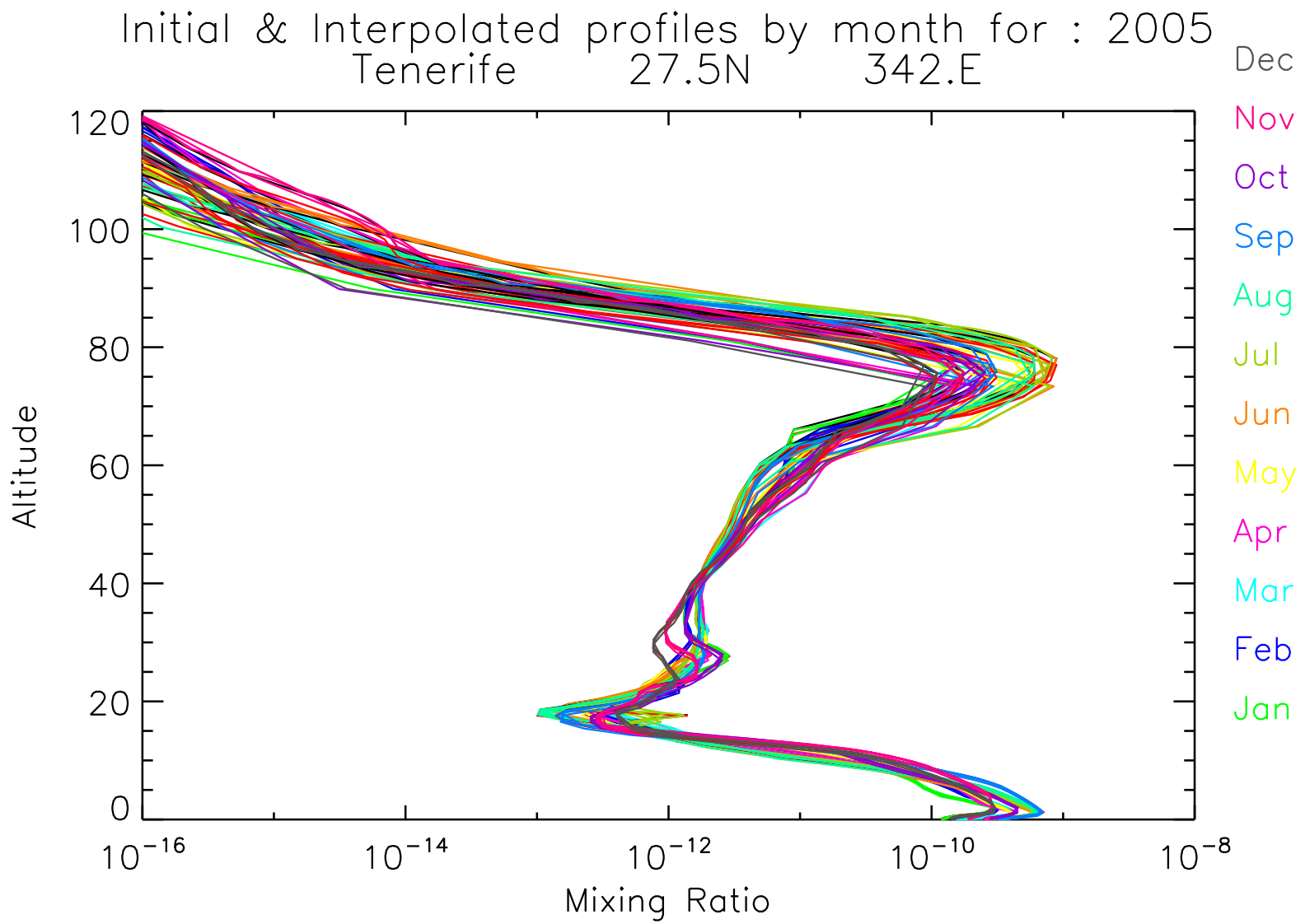
Initial & Interpolated profiles by month for : 2005
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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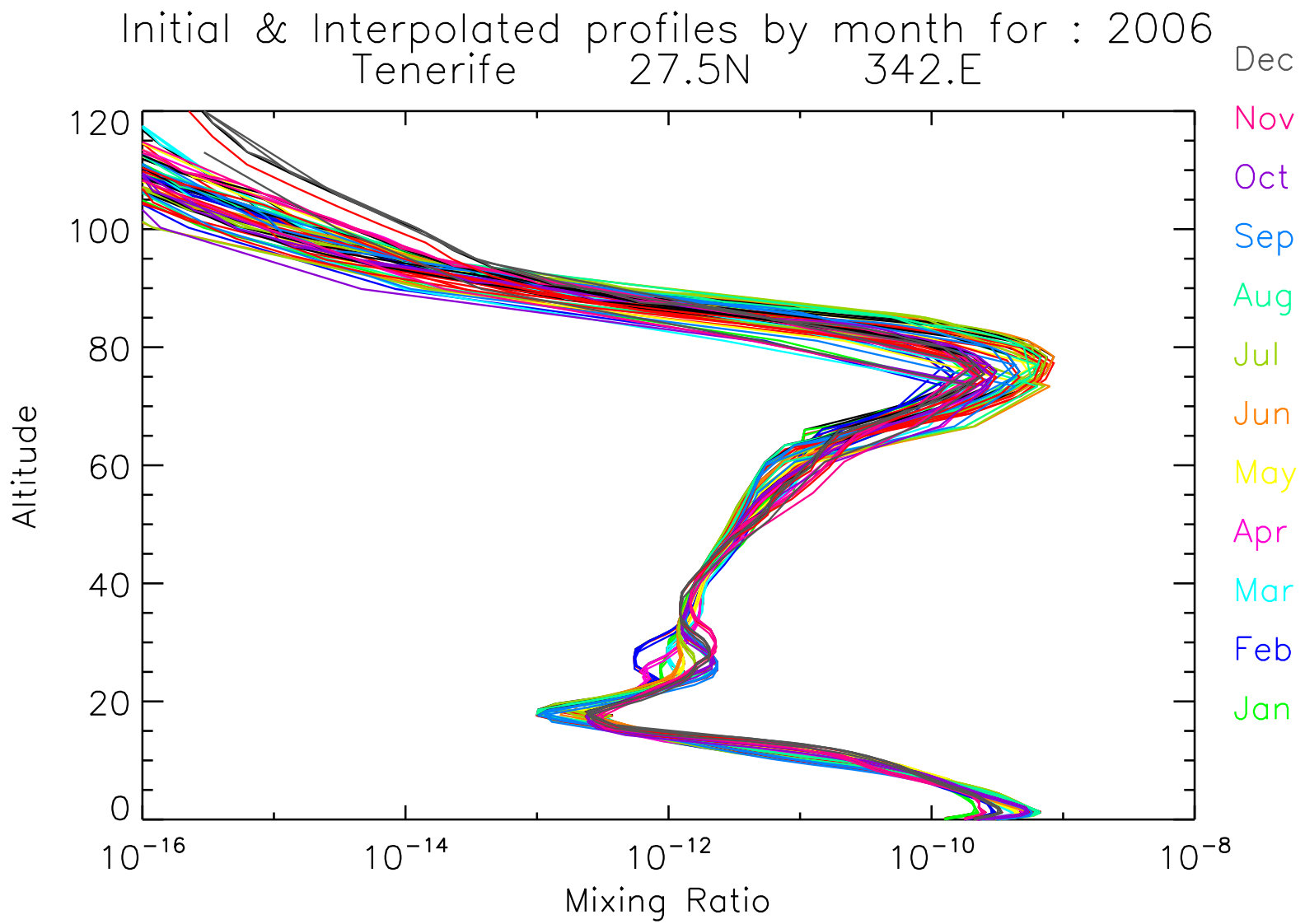
Initial & Interpolated profiles by month for : 2006
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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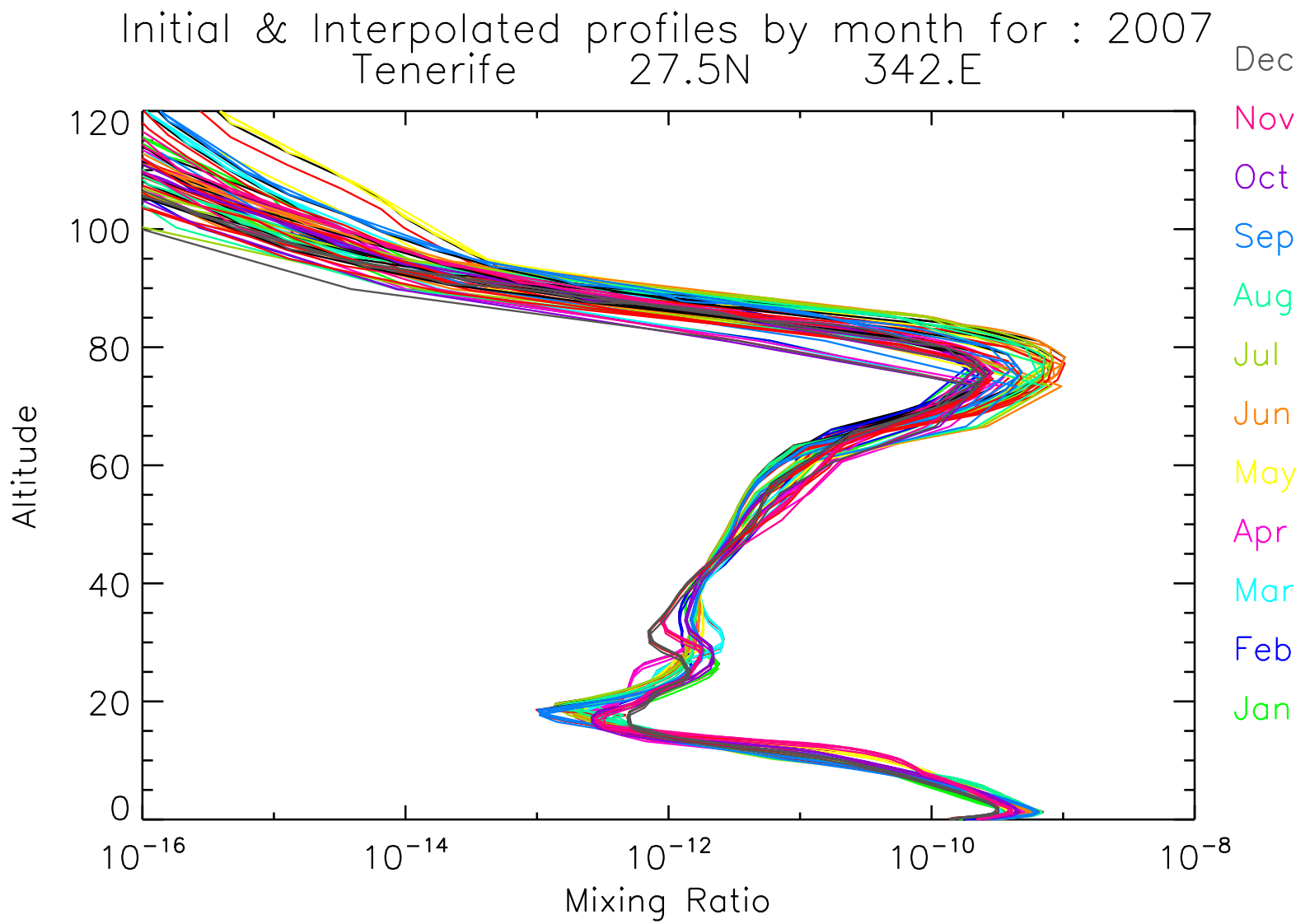
Initial & Interpolated profiles by month for : 2007
Tenerife 27.5N 342.E
Altitude
120
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Mixing Ratio
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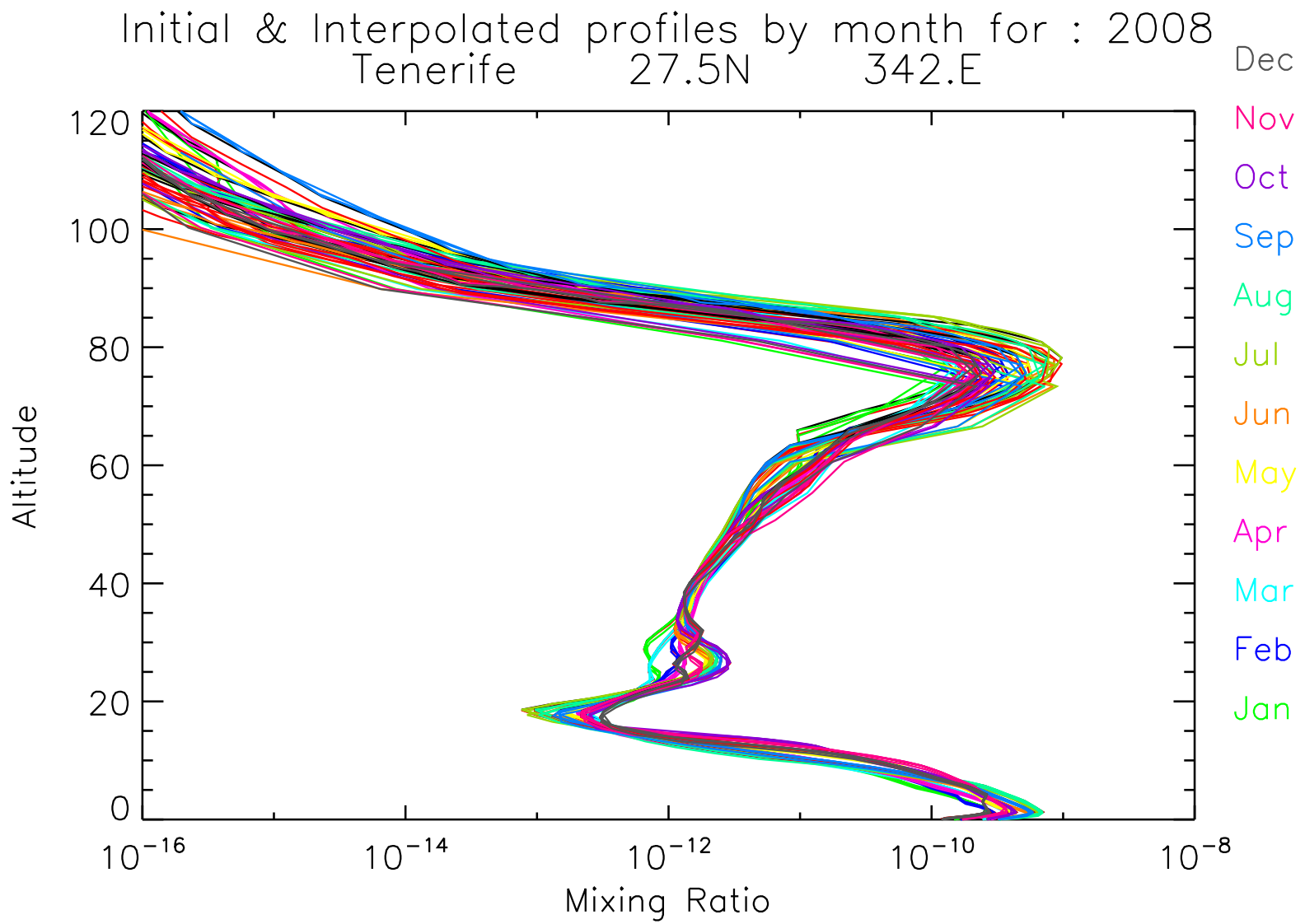
Initial & Interpolated profiles by month for : 2008
Tenerife 27.5N 342.E
Altitude
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10^{-16}
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Mixing Ratio
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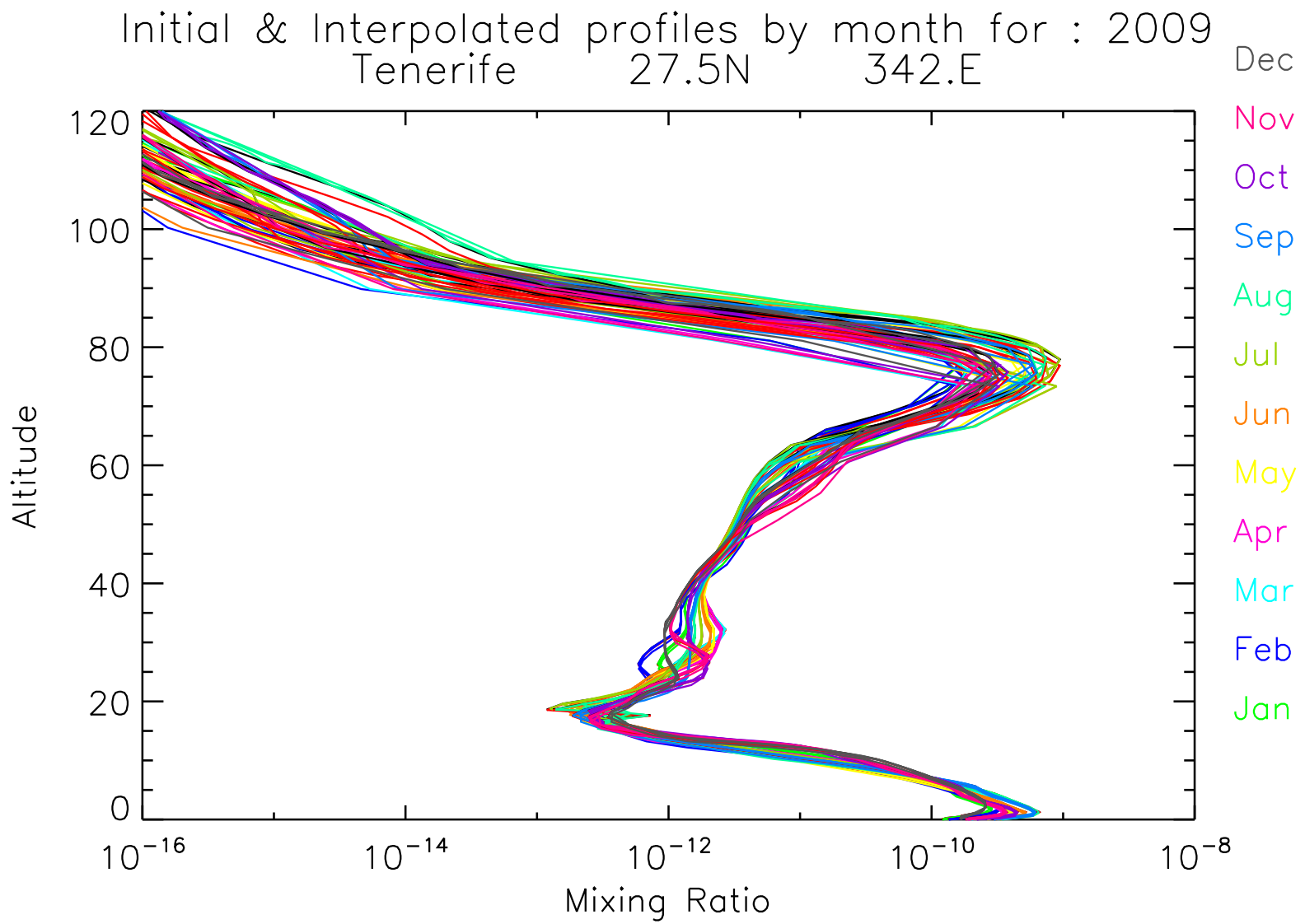
Initial & Interpolated profiles by month for : 2009
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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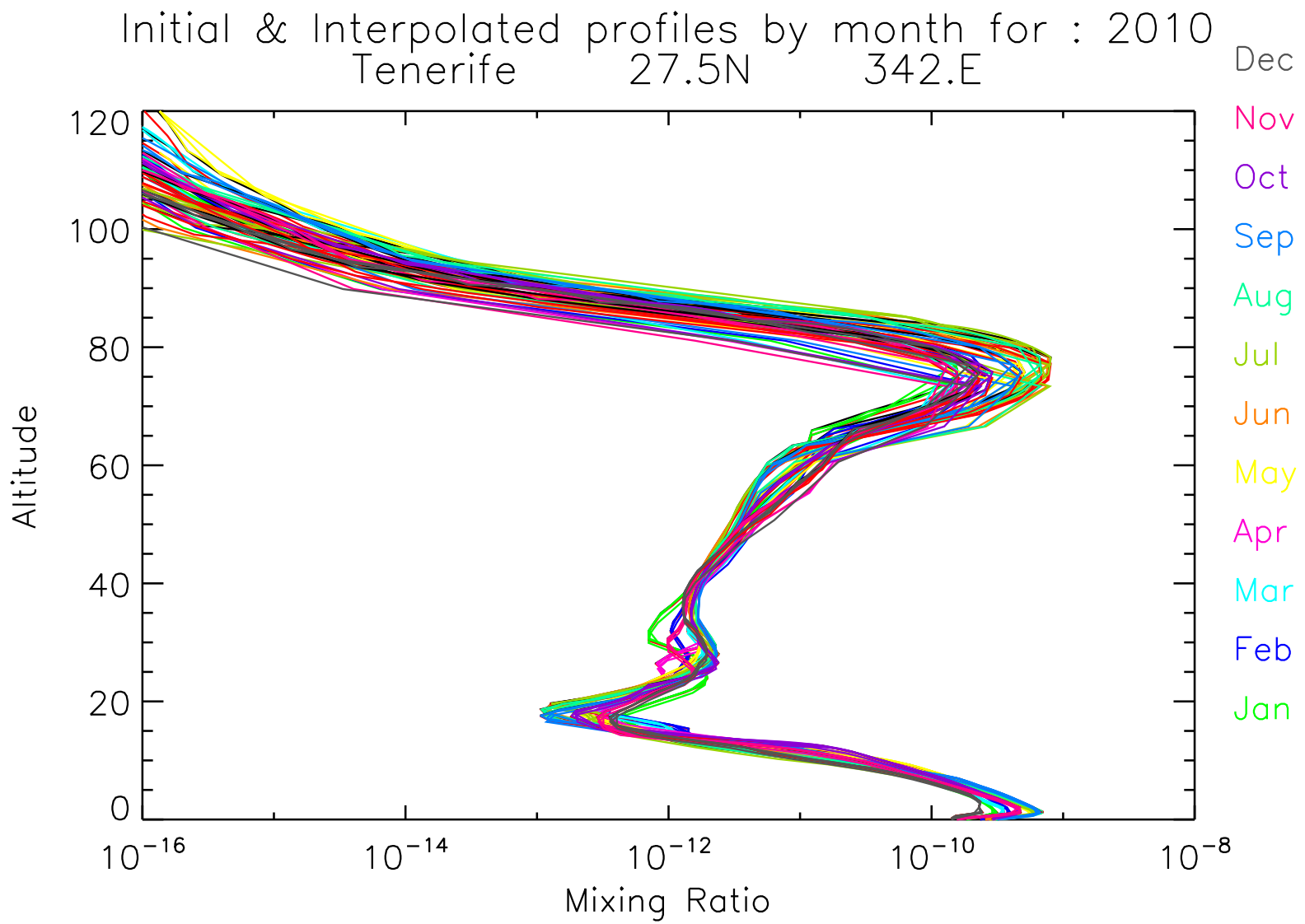
Initial & Interpolated profiles by month for : 2010
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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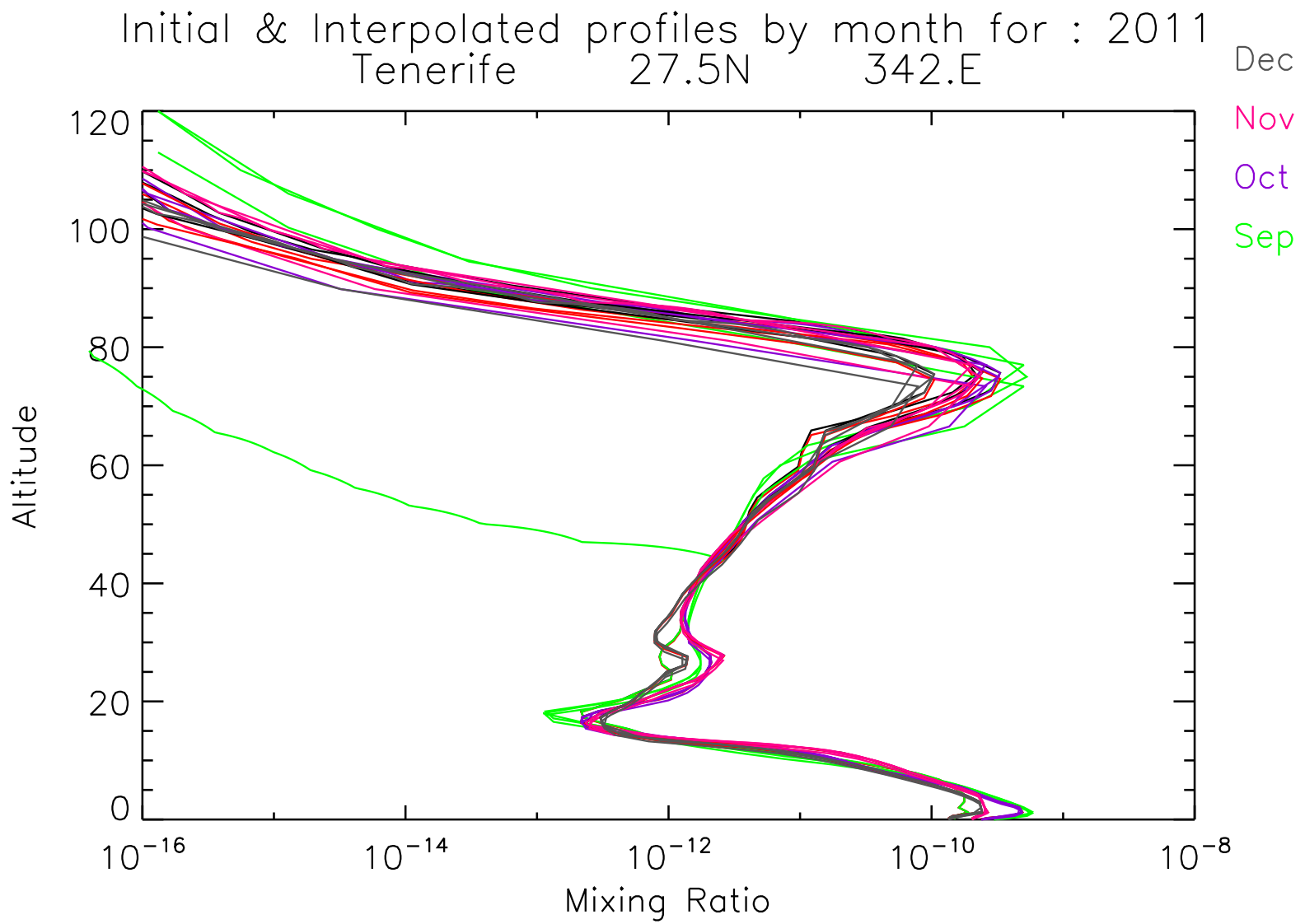
Initial & Interpolated profiles by month for : 2011
Tenerife 27.5N 342.E
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Altitude
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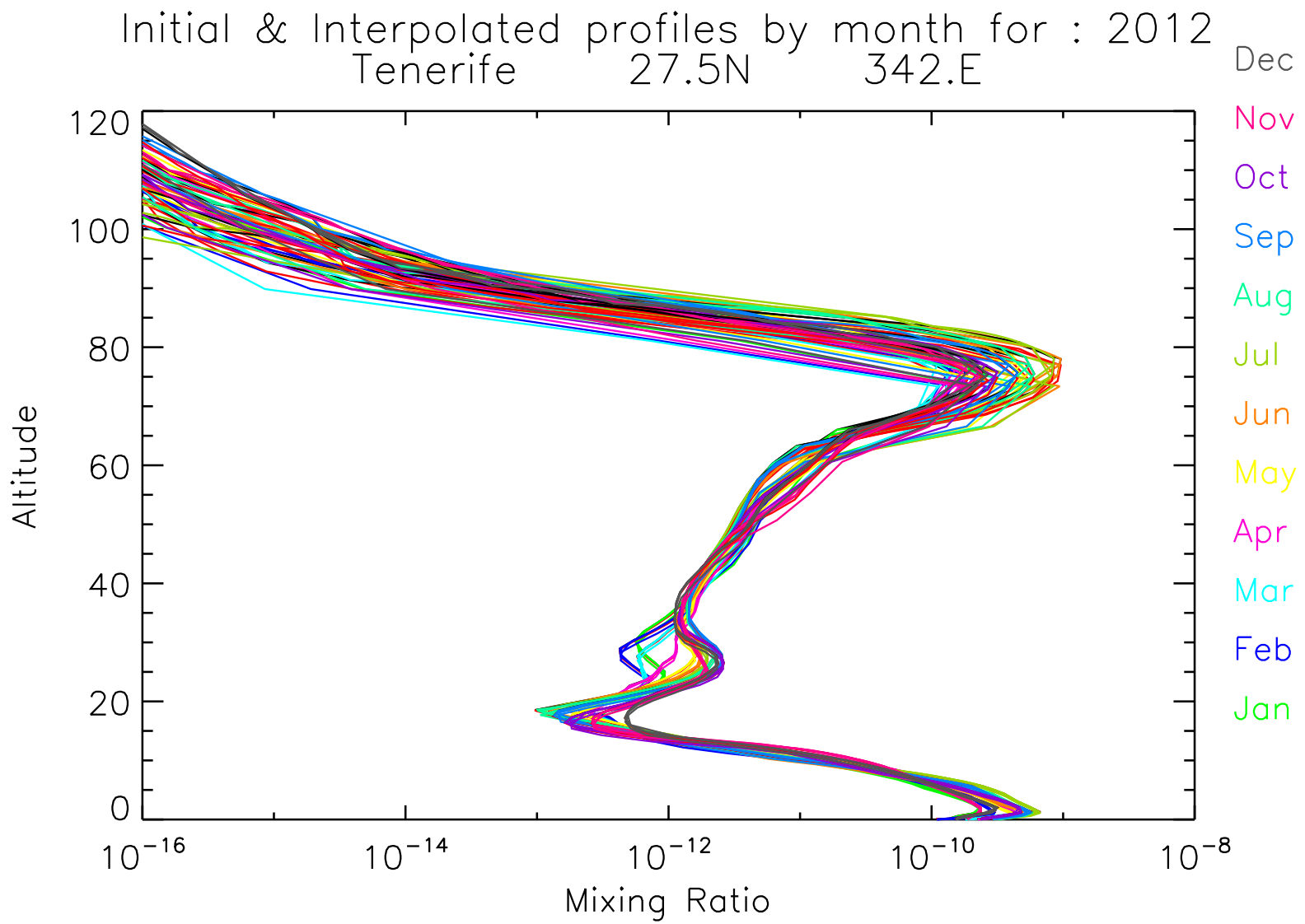
Mixing Ratio


Initial & Interpolated profiles by month for : 2012
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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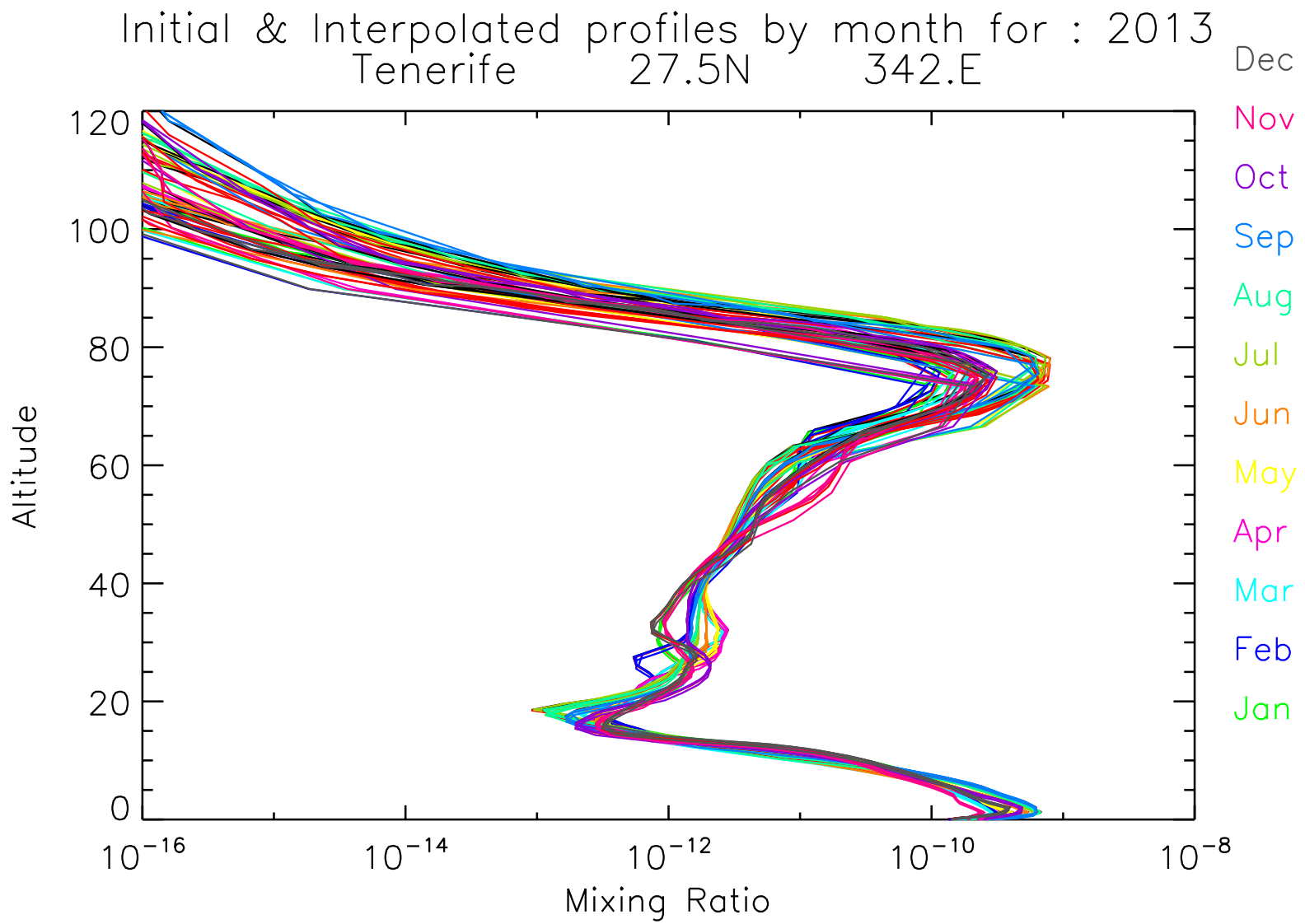
Initial & Interpolated profiles by month for : 2013
Tenerife 27.5N 342.E
Altitude
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Mixing Ratio
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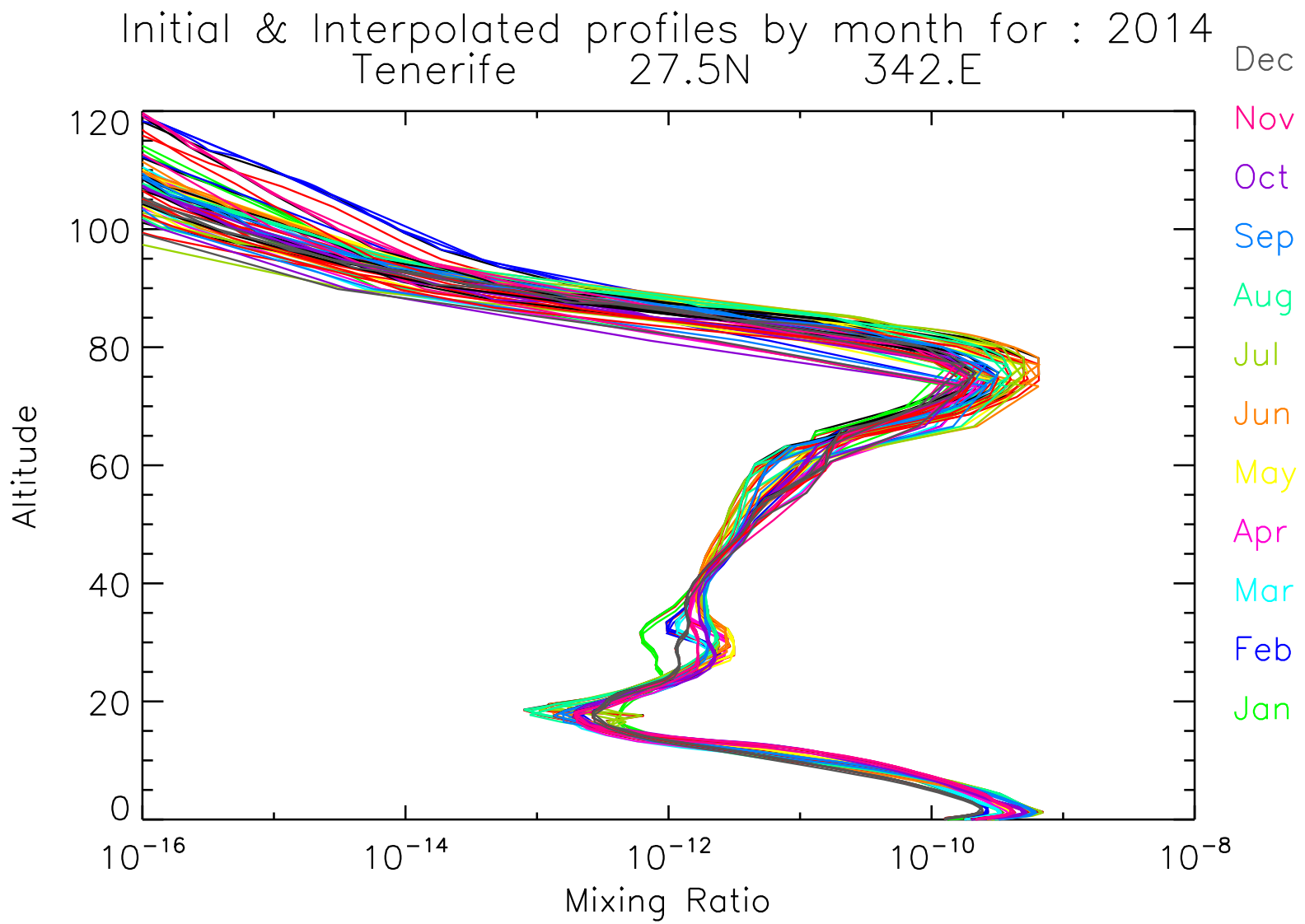
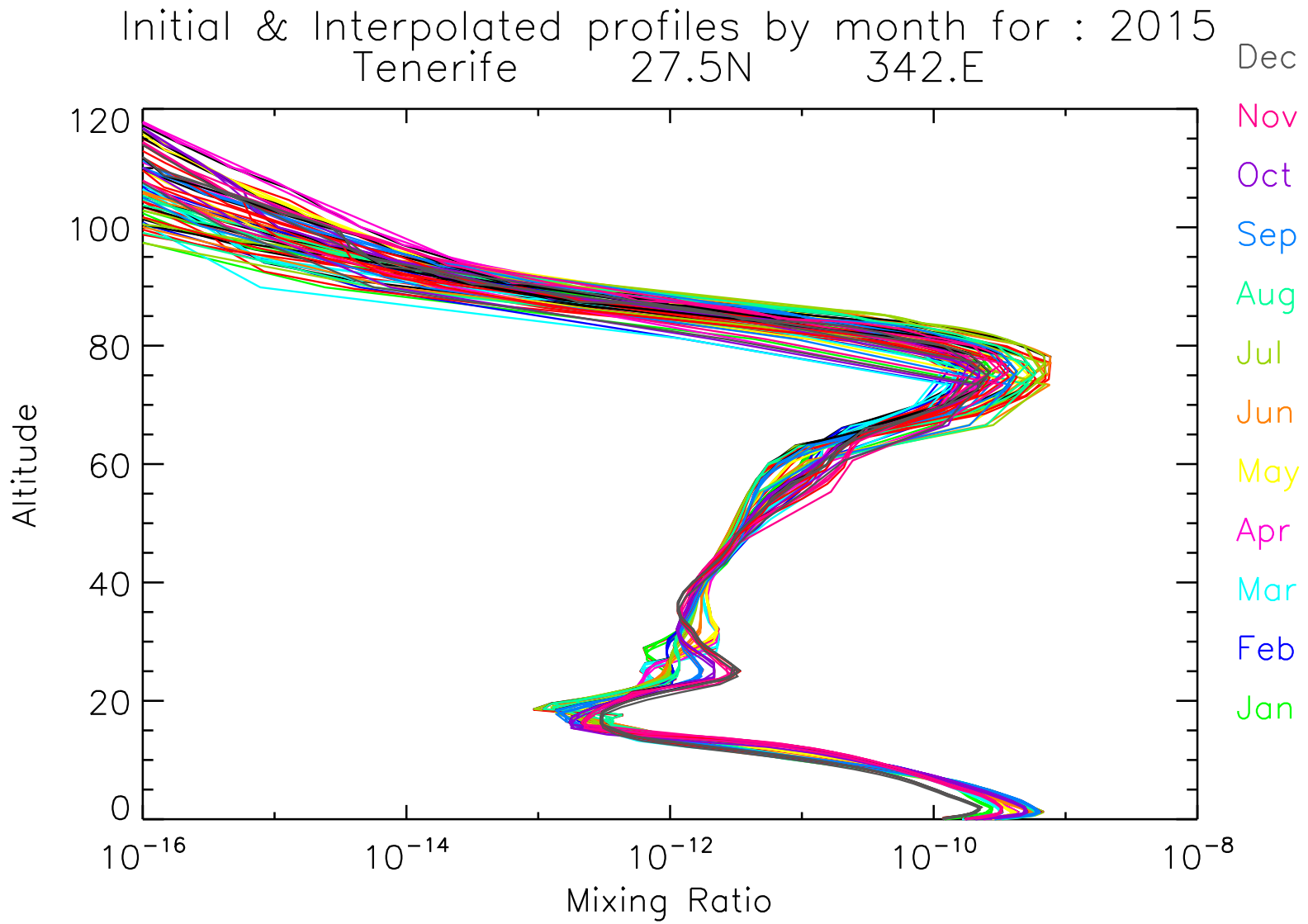
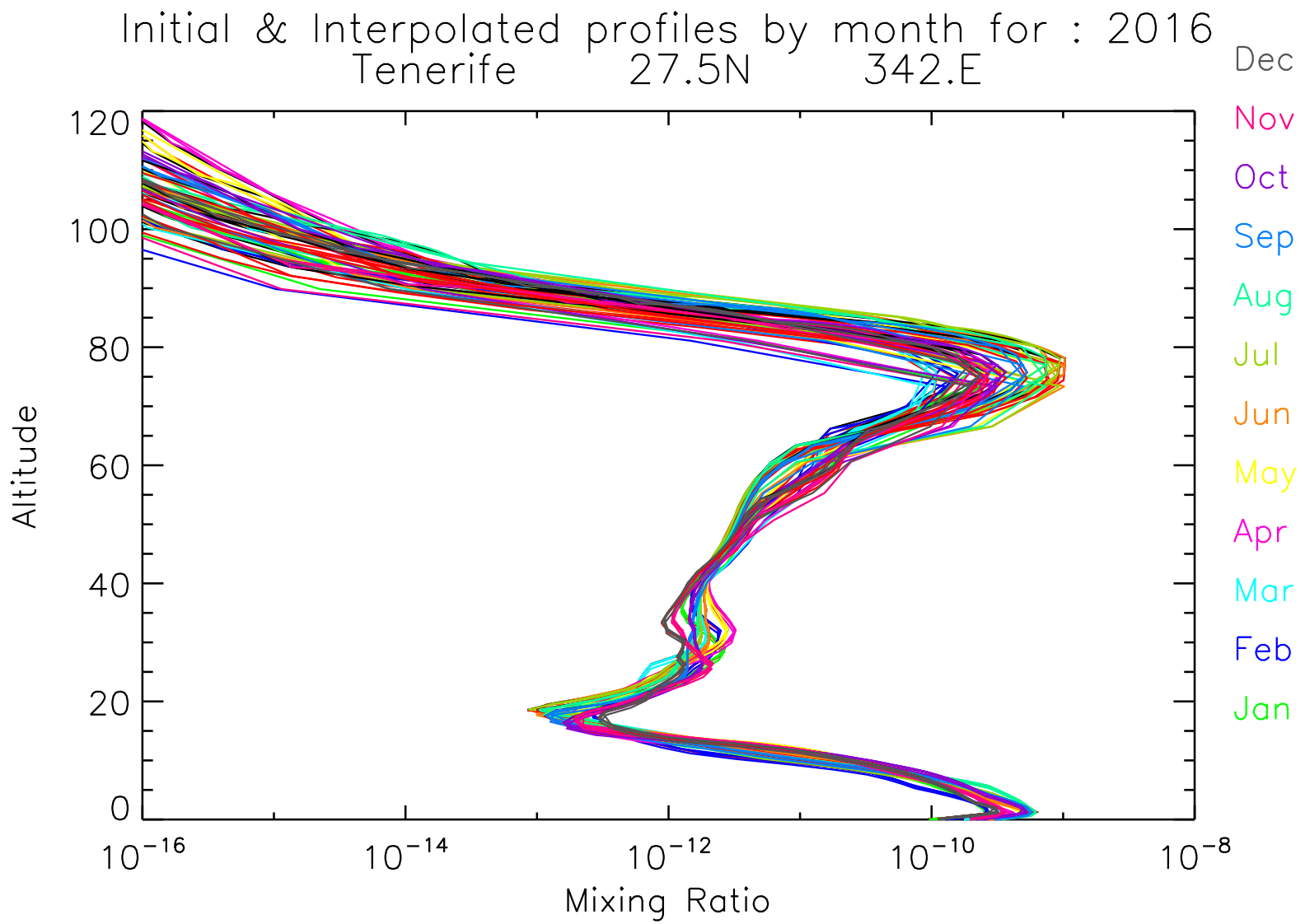
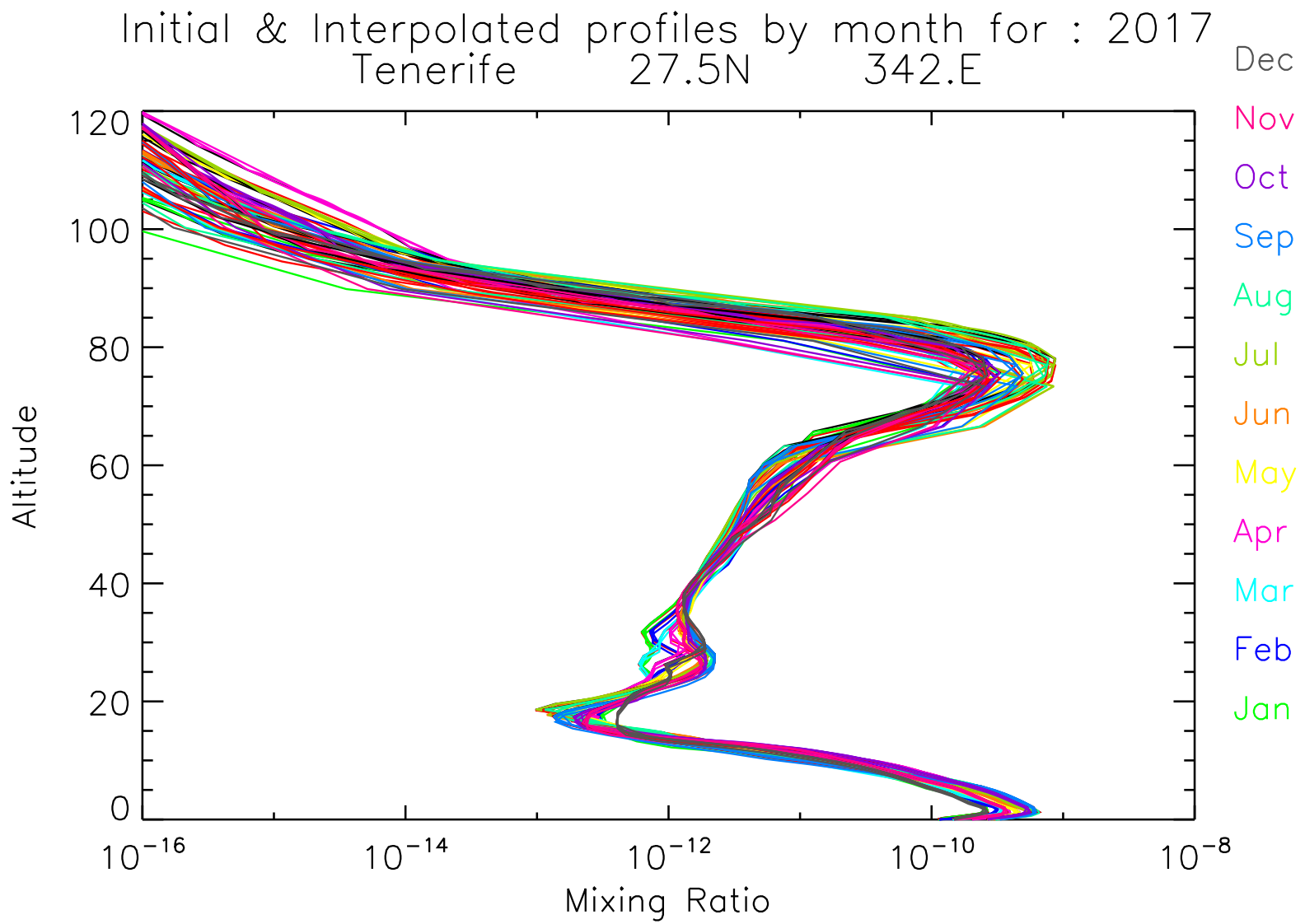
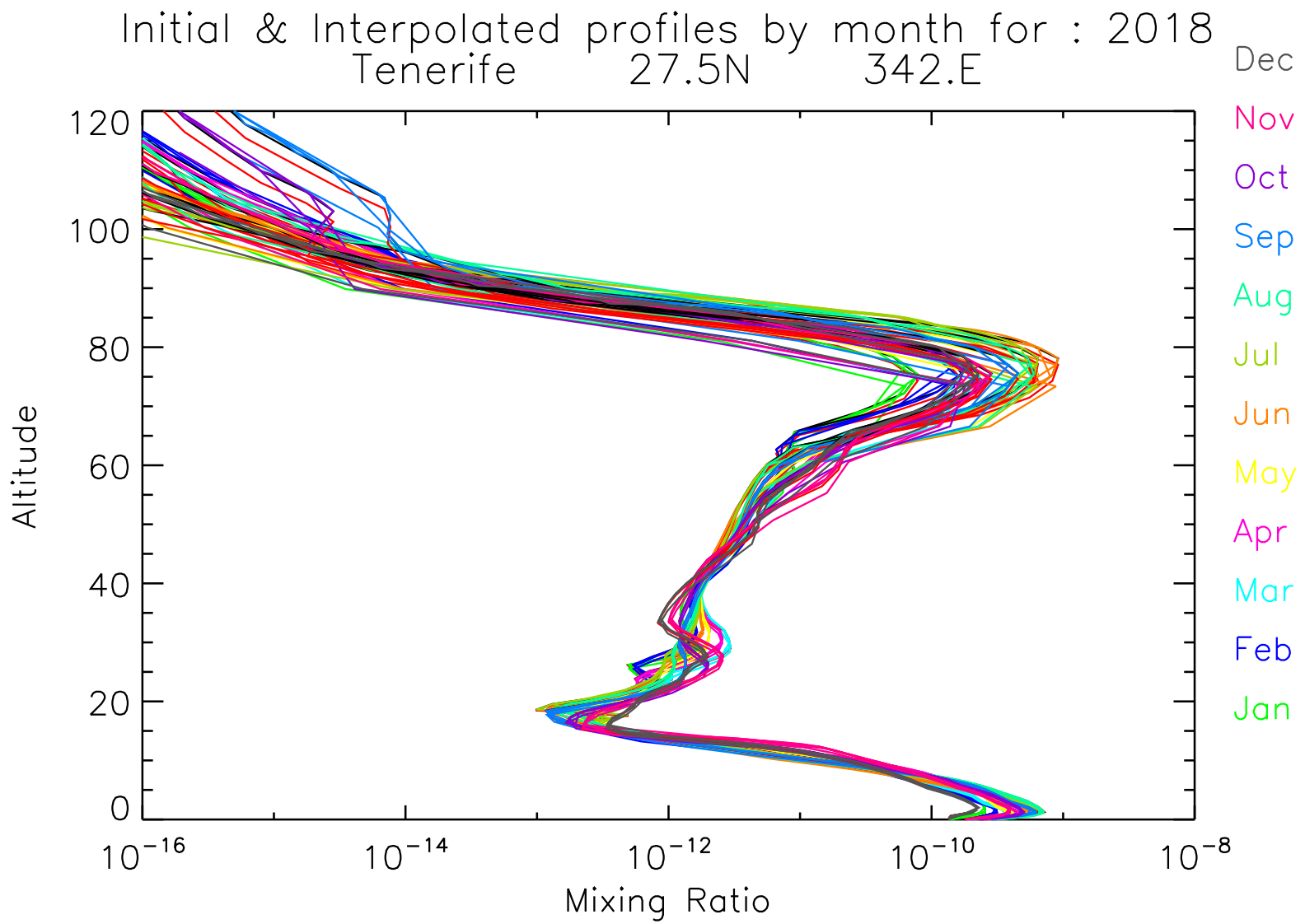
Feb
Jan

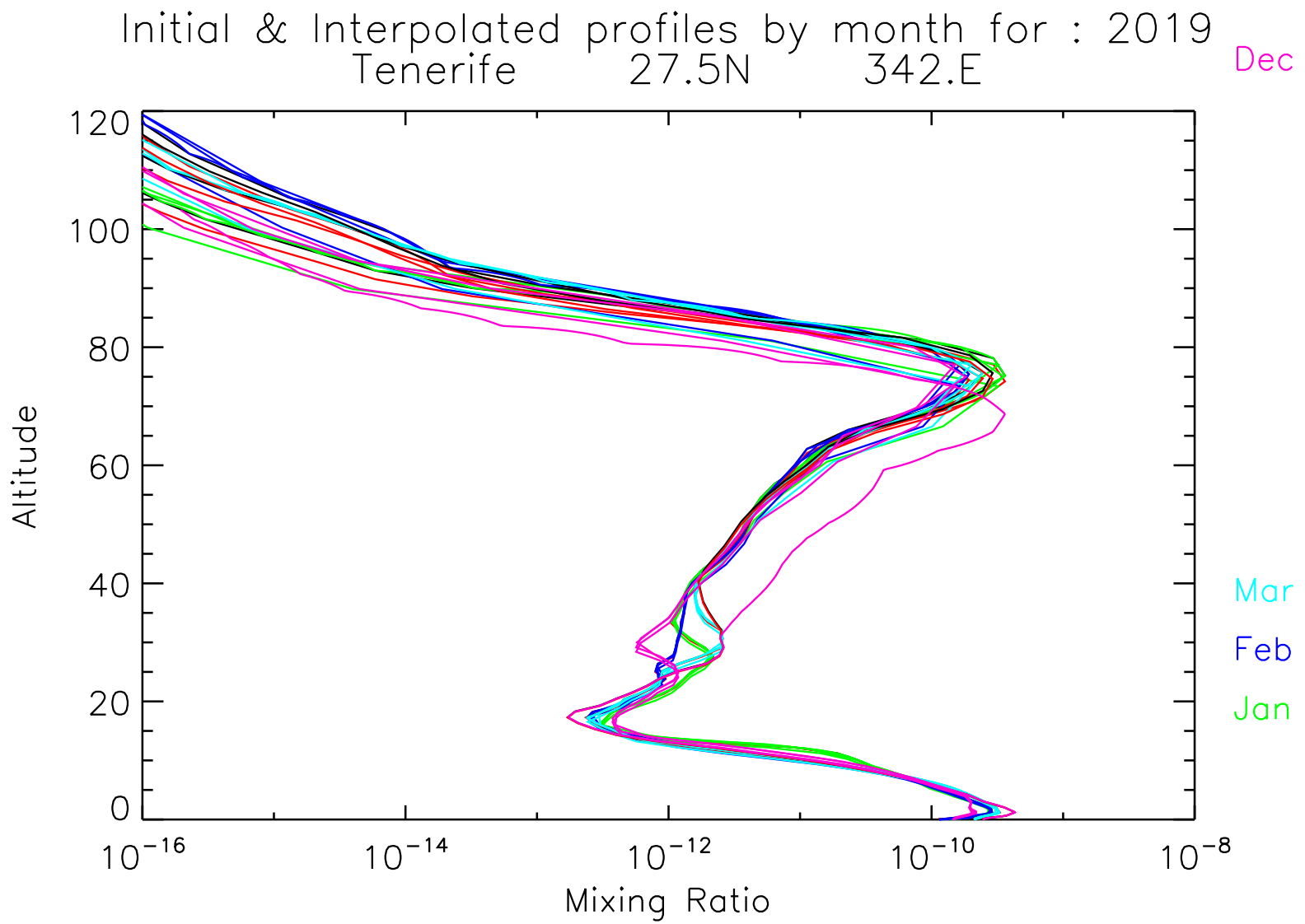

Initial & Interpolated profiles by month for : 2014
Tenerife 27.5N 342.E
Altitude
120
100
80
60
40
20
0
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

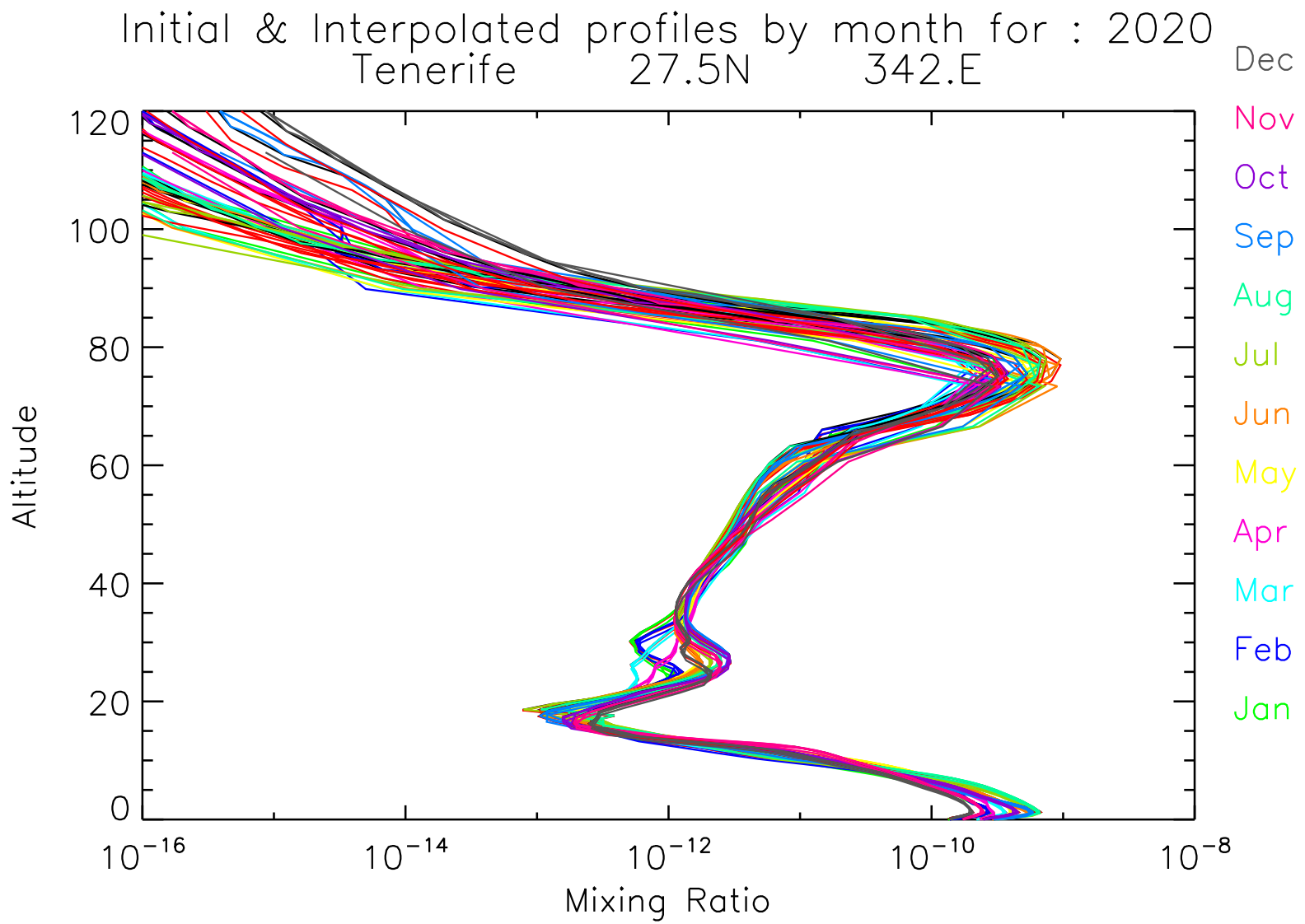

Initial & Interpolated profiles by month for : 2015
Tenerife 27.5N 342.E
Altitude
120
100
80
60
40
20
0
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

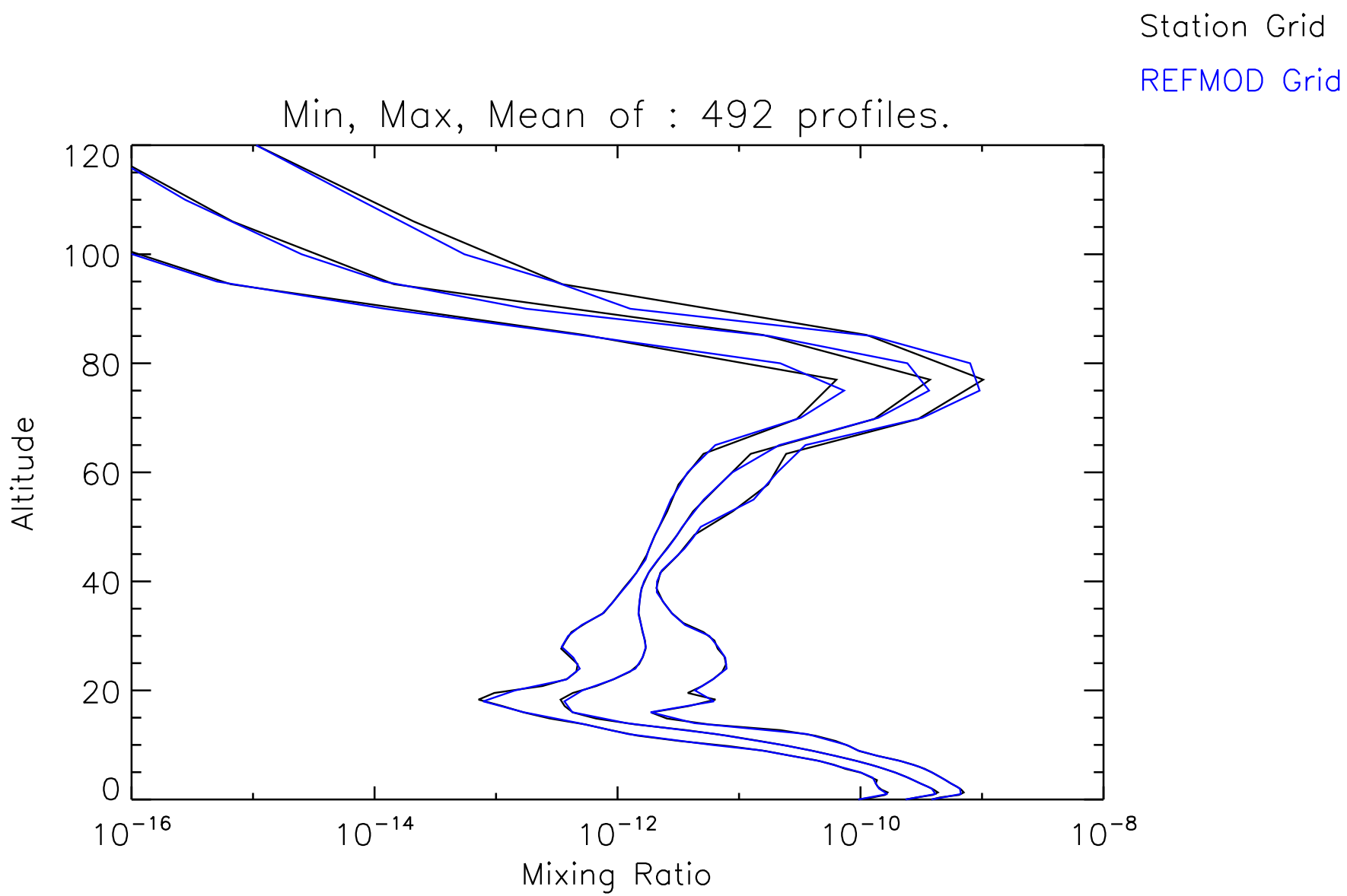

Initial & Interpolated profiles by month for : 2016
Tenerife 27.5N 342.E
Altitude
120
100
80
60
40
20
0
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

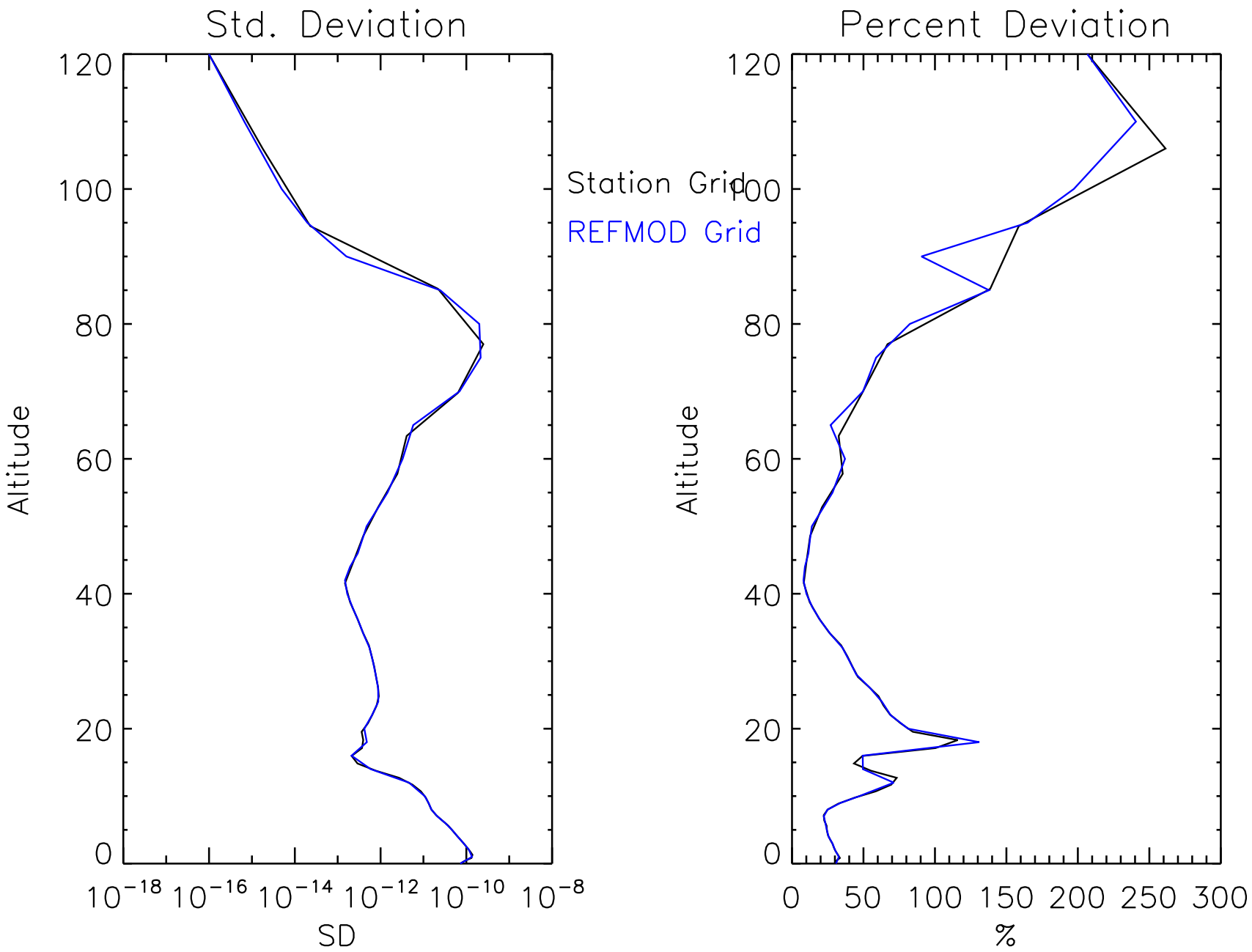

Initial & Interpolated profiles by month for : 2017
Tenerife 27.5N 342.E
Altitude
120
100
80
60
40
20
0
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

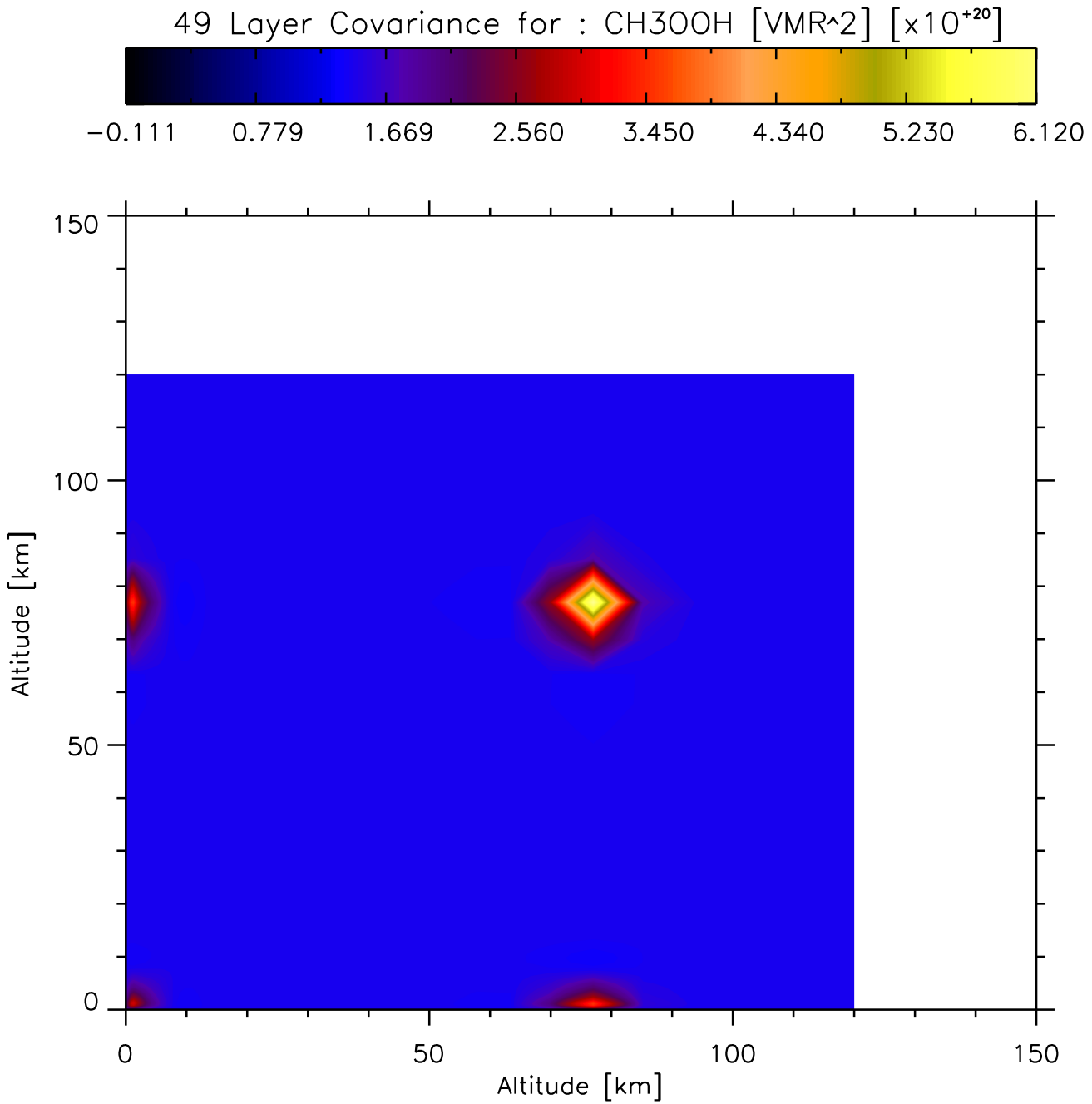

Initial & Interpolated profiles by month for : 2018
Tenerife 27.5N 342.E
Altitude
120
100
80
60
40
20
0
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan


Initial & Interpolated profiles by month for : 2019
Tenerife 27.5N 342.E
Dec
Mar
Feb
Jan
Altitude
120
100
80
60
40
20
0
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
Mixing Ratio

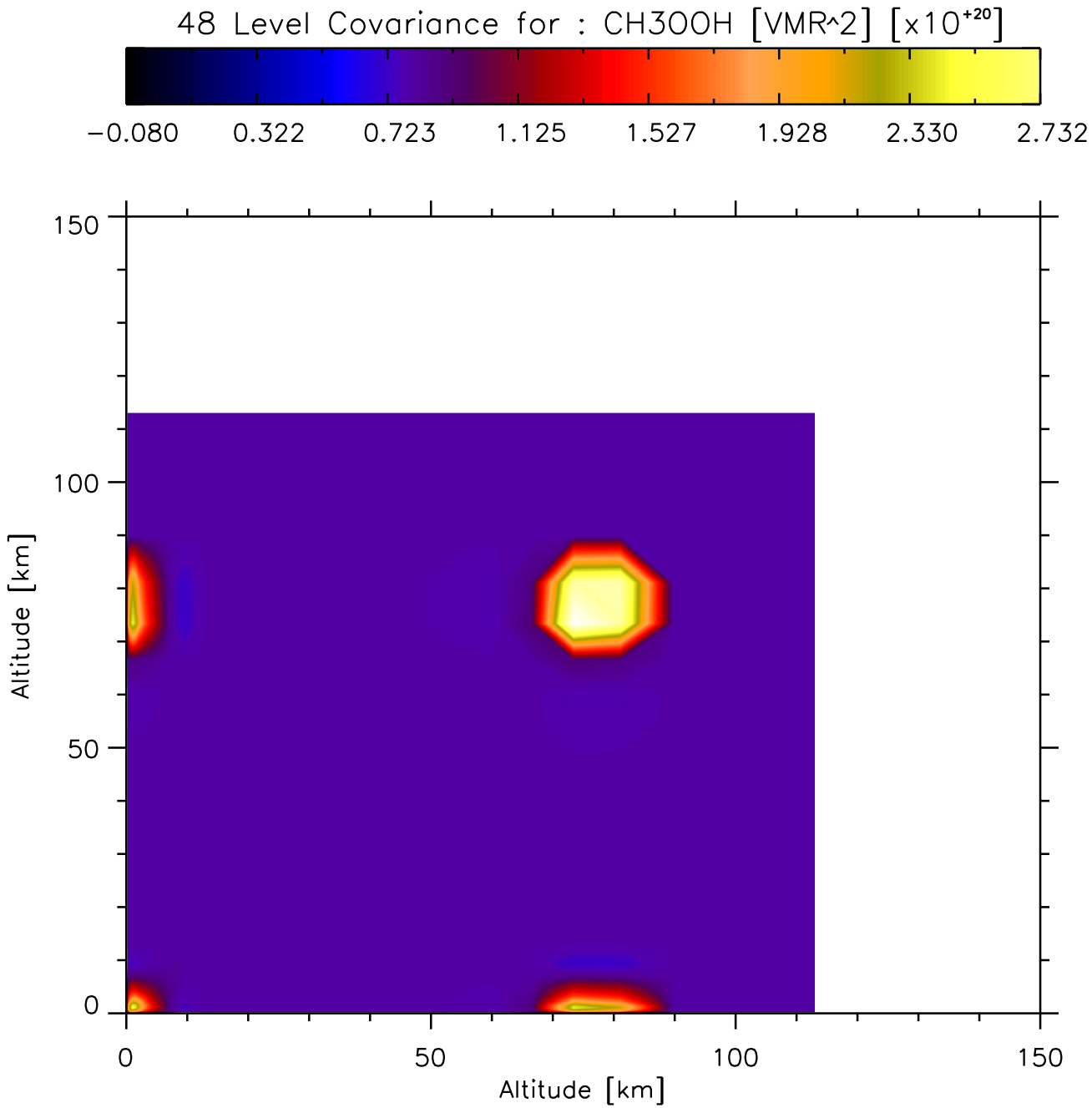

Initial & Interpolated profiles by month for : 2020
Tenerife 27.5N 342.E
Altitude
120
100
80
60
40
20
0
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

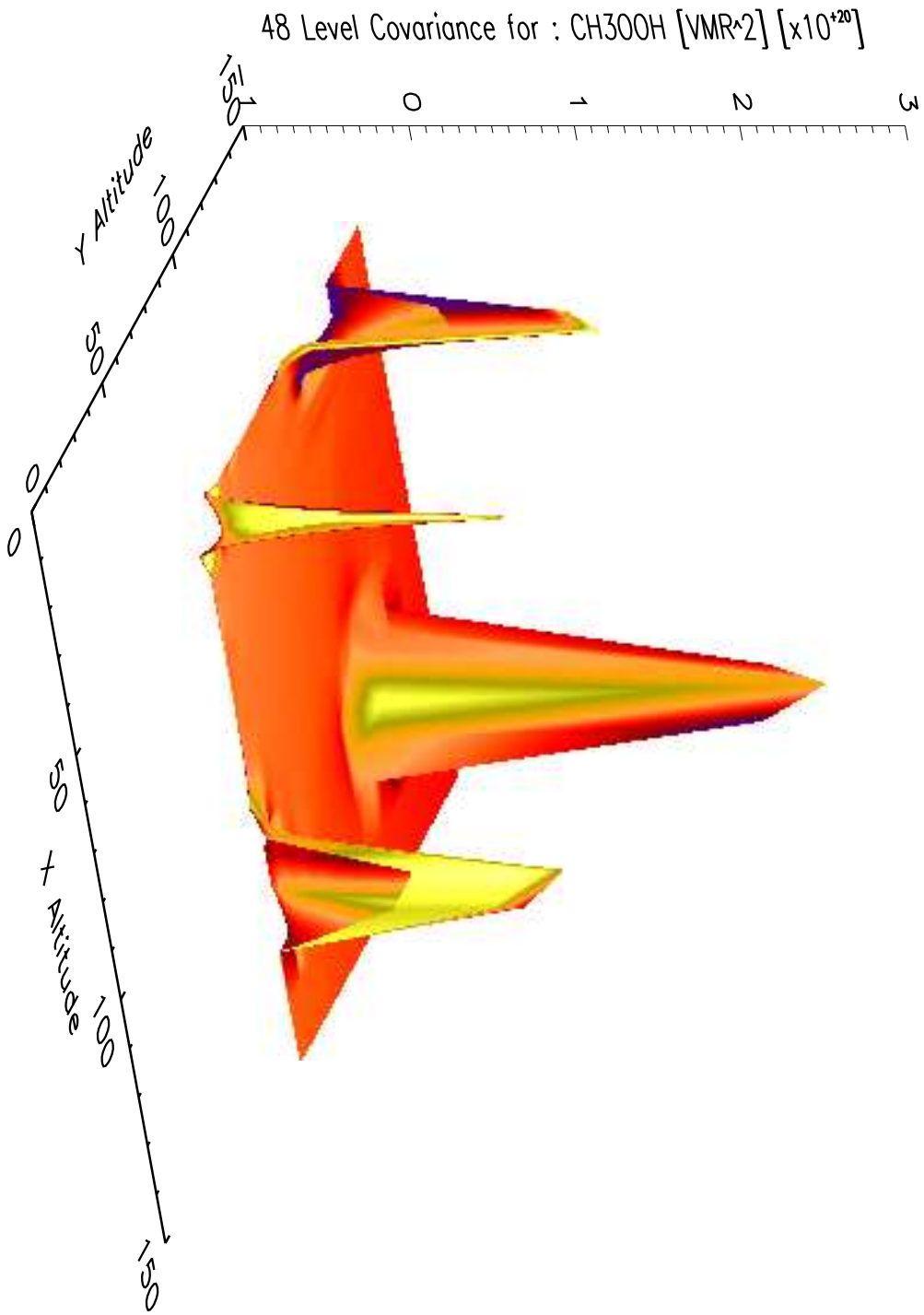

Station Grid
REFMOD Grid
Min, Max, Mean of : 492 profiles.
120
100
80
60
40
20
0
Altitude
10^{-16}
10^{-14}
10^{-12}
10^{-10}
10^{-8}
Mixing Ratio


Std. Deviation
Percent Deviation
Station Grid
REFMOD Grid
Altitude
Altitude
120
100
80
60
40
20
0
10^{-18} 10^{-16} 10^{-14} 10^{-12} 10^{-10} 10^{-8}
SD
0 50 100 150 200 250 300
%


49 Layer Covariance for : CH3OOH [VMR^2] [x10^+20]
−0.111
0.779
1.669
2.560
3.450
4.340
5.230
6.120
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]

49 Layer Covariance for : CH3OOH [VMR^2] [x10^+20]
-150
0
2
4
6
8
Y Altitude
100
50
0
0
50
X Altitude
100
150


48 Level Covariance for : CH3OOH [VMR^2] [x10^+20]
−0.080
0.322
0.723
1.125
1.527
1.928
2.330
2.732
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


48 Level Covariance for : CH3OOH [VMR^2] [x10^+20]
0
1
2
3
150
100
50
0
Y Altitude
0
50
100
150
X Altitude