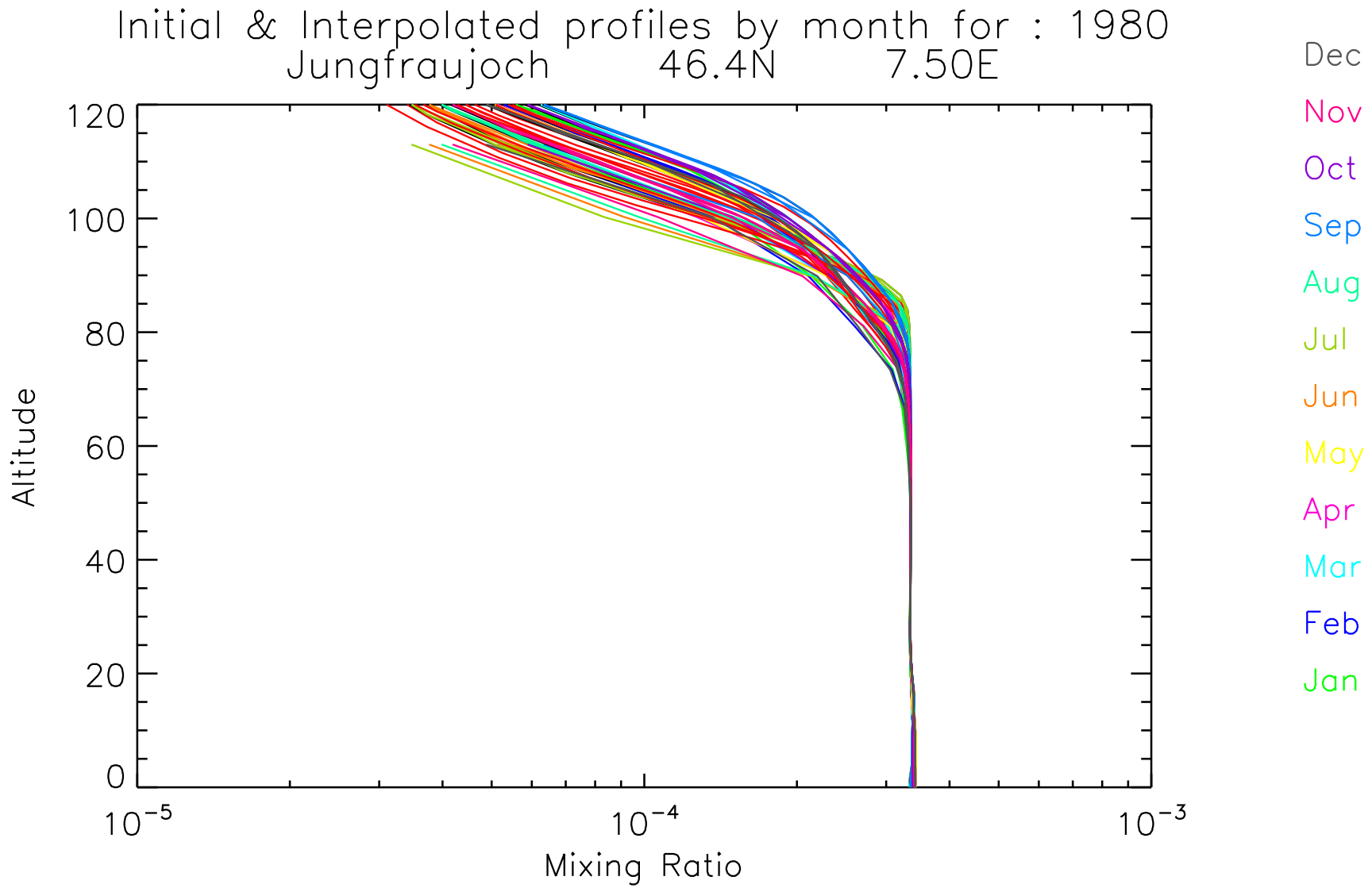
Initial & Interpolated profiles by month for : 1980
Jungfraujoch 46.4N 7.50E
Altitude
120
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Mixing Ratio
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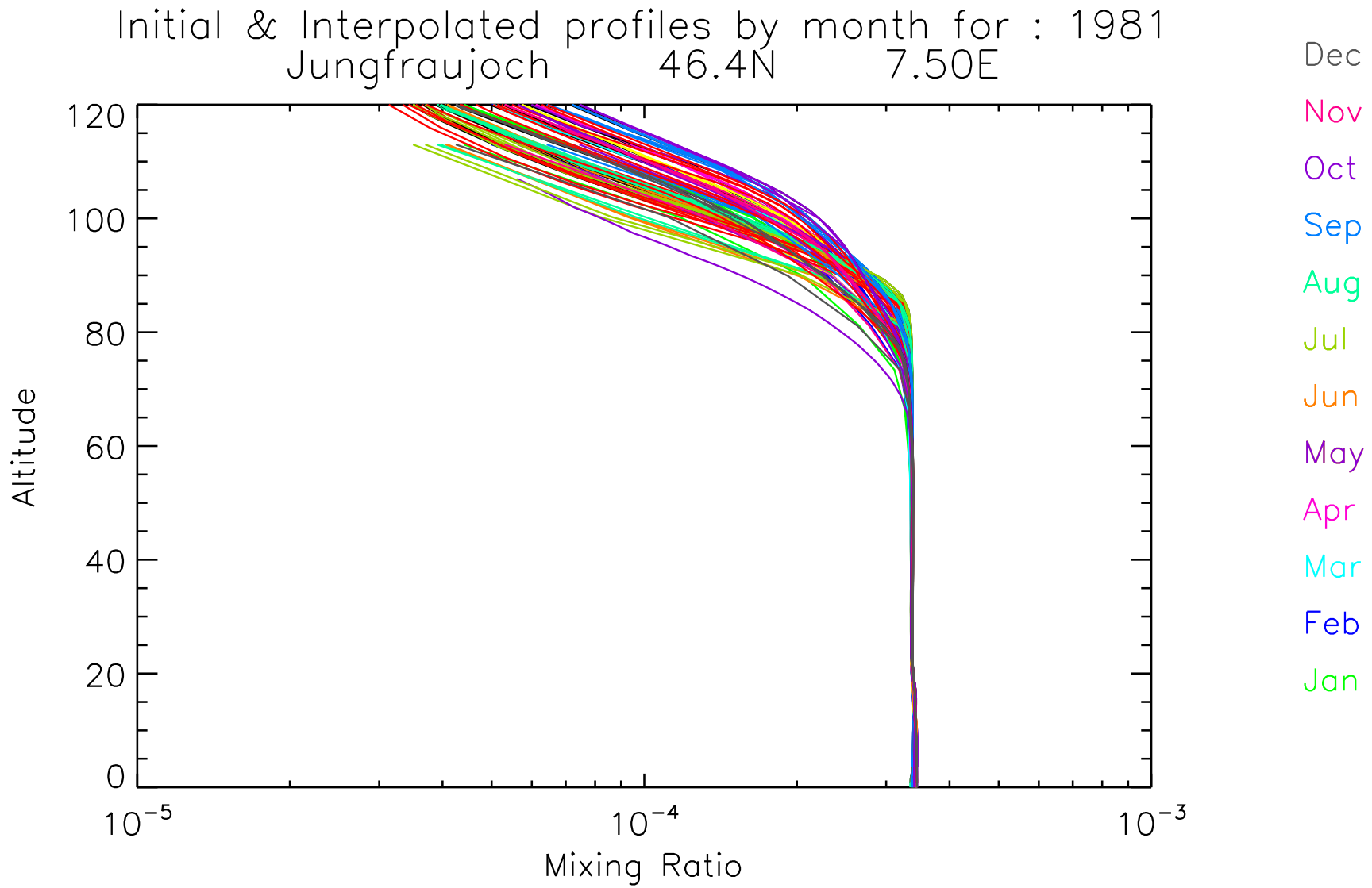
Initial & Interpolated profiles by month for : 1981
Jungfraujoch 46.4N 7.50E
Altitude
120
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Mixing Ratio
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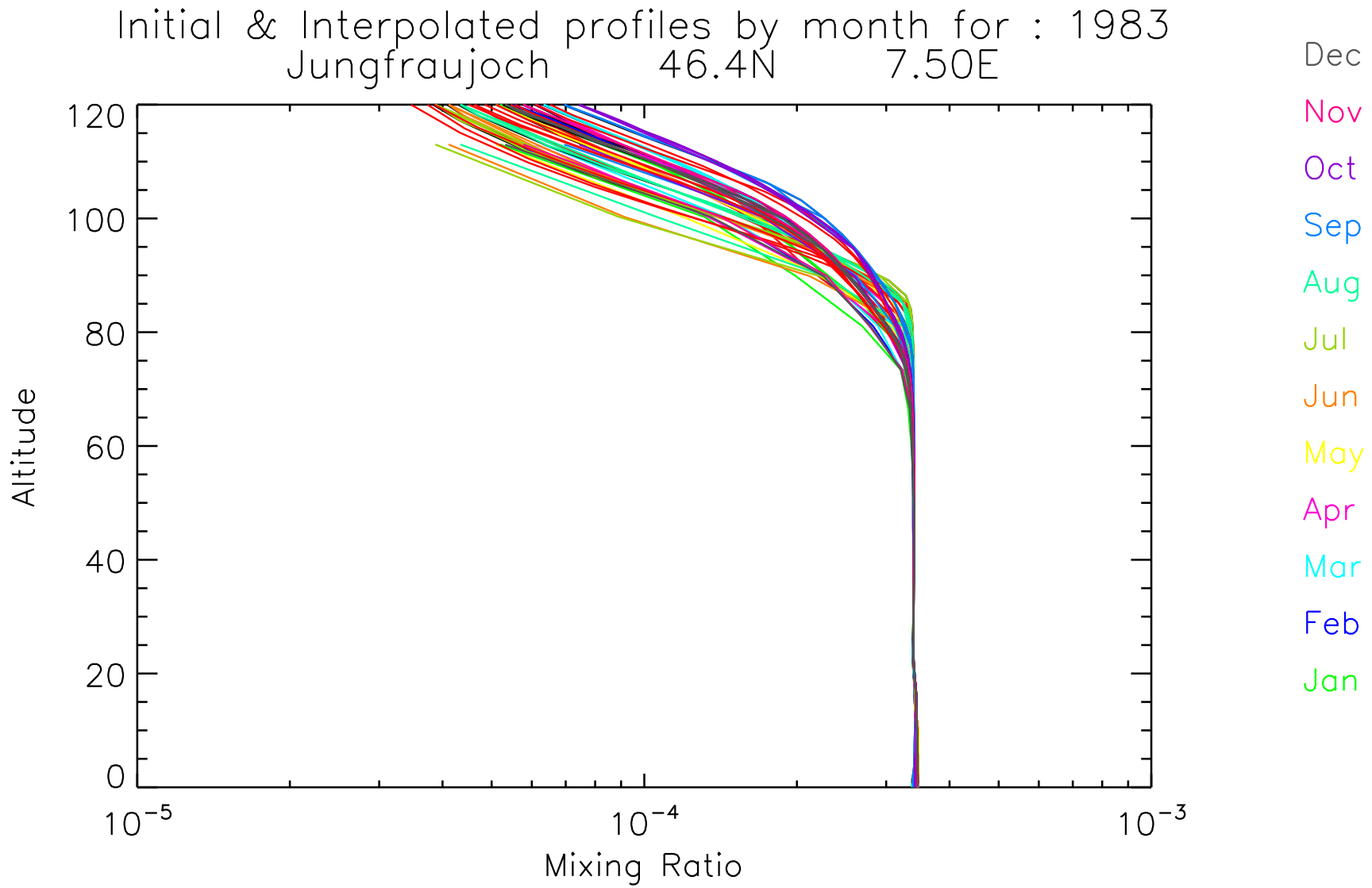
Initial & Interpolated profiles by month for : 1983
Jungfraujoch 46.4N 7.50E
Altitude
120
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Mixing Ratio
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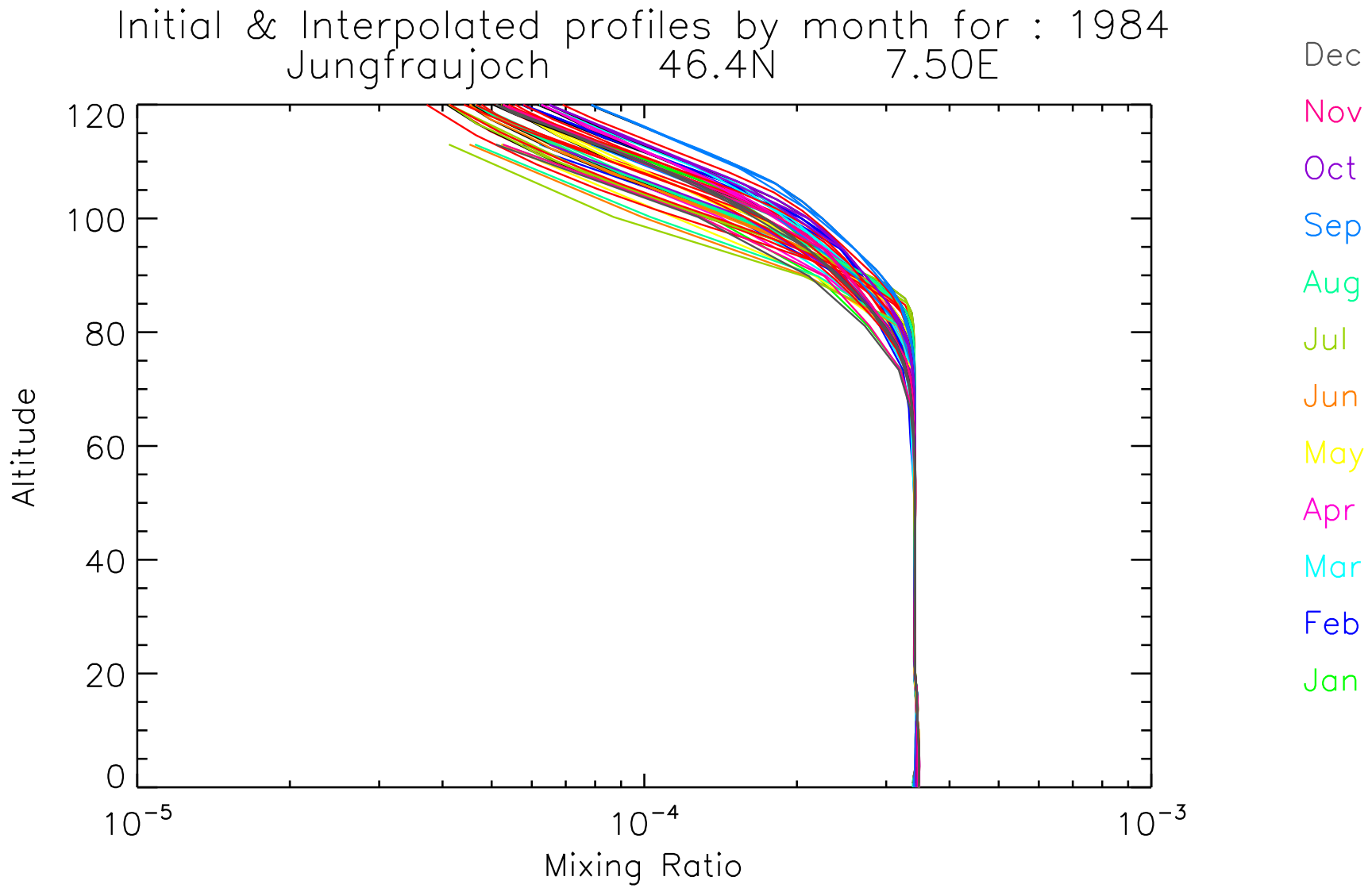
Initial & Interpolated profiles by month for : 1984
Jungfraujoch 46.4N 7.50E
Altitude
120
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40
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Mixing Ratio
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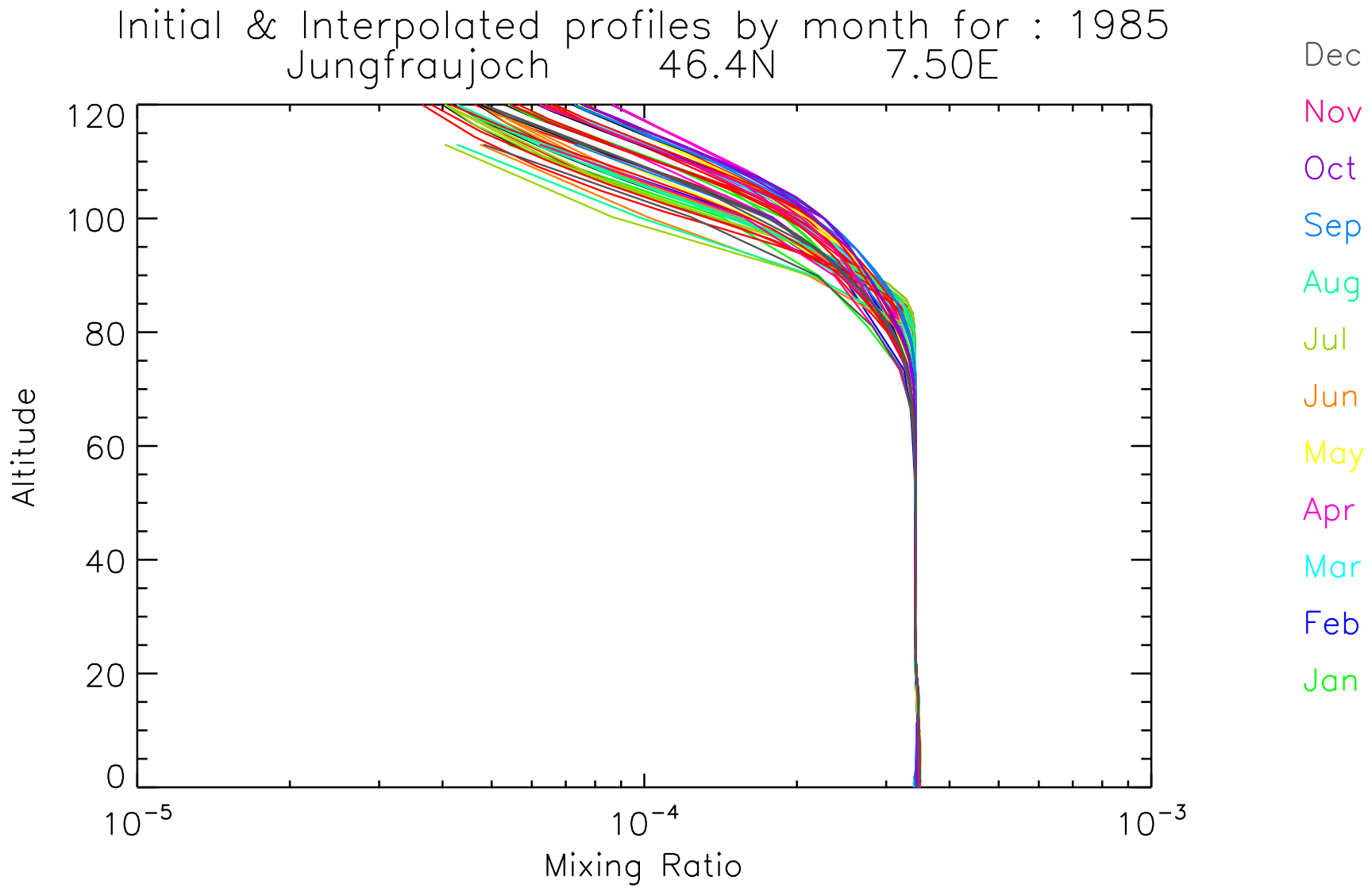
Initial & Interpolated profiles by month for : 1985
Jungfraujoch 46.4N 7.50E
Altitude
120
100
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Mixing Ratio
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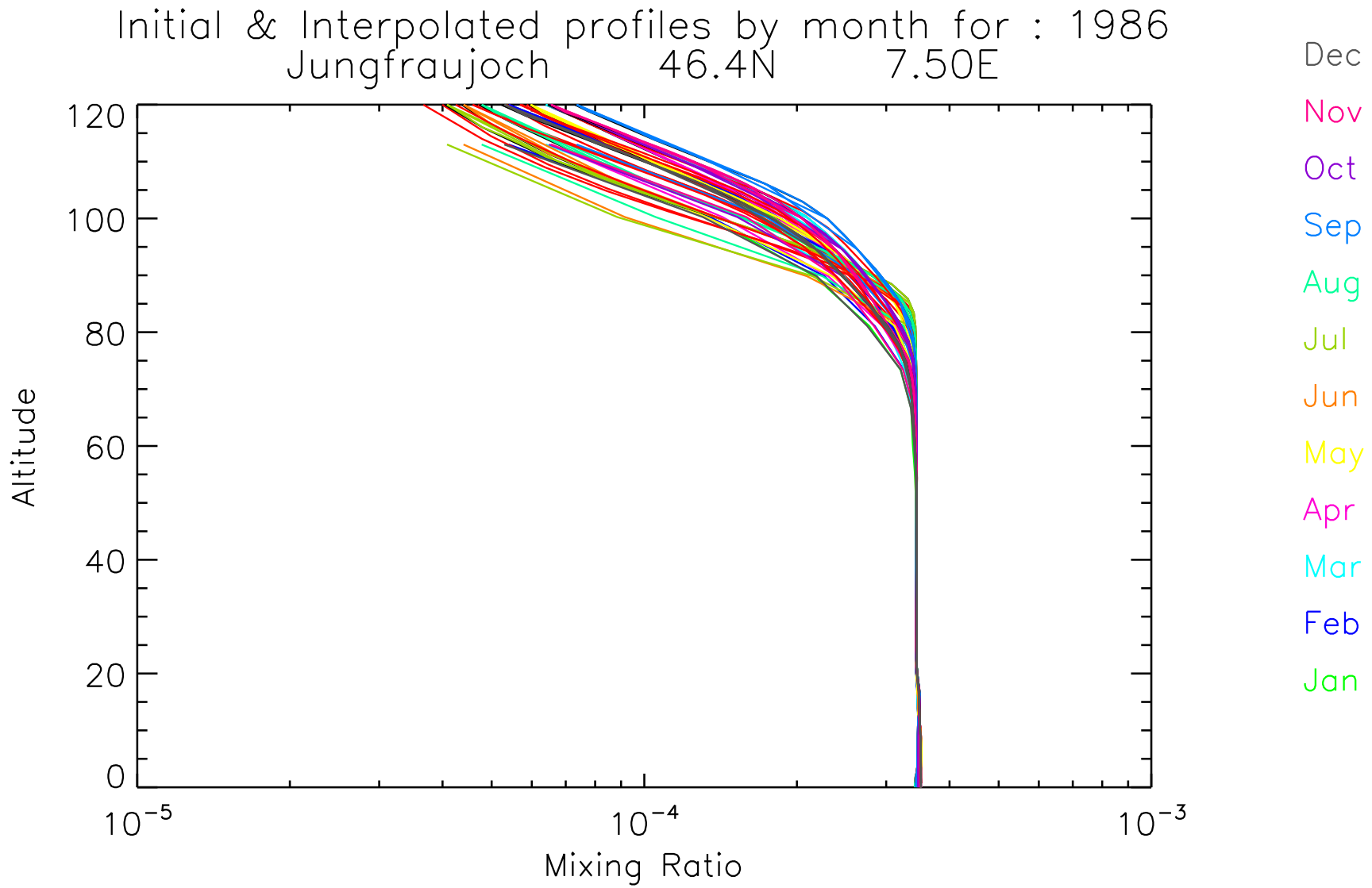
Initial & Interpolated profiles by month for : 1986
Jungfraujoch 46.4N 7.50E
Altitude
120
100
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20
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Mixing Ratio
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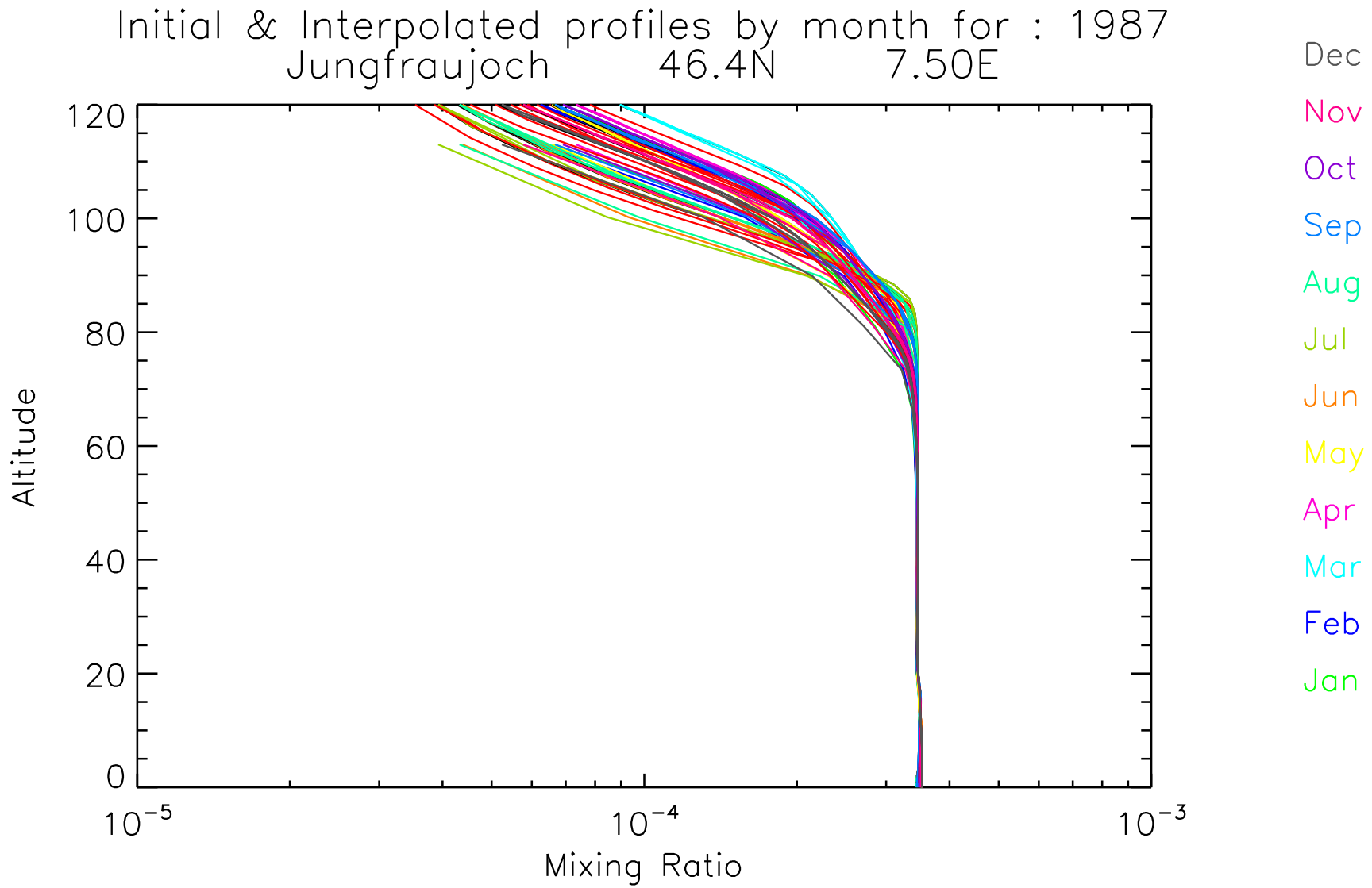
Initial & Interpolated profiles by month for : 1987
Jungfraujoch 46.4N 7.50E
Altitude
120
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40
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Mixing Ratio
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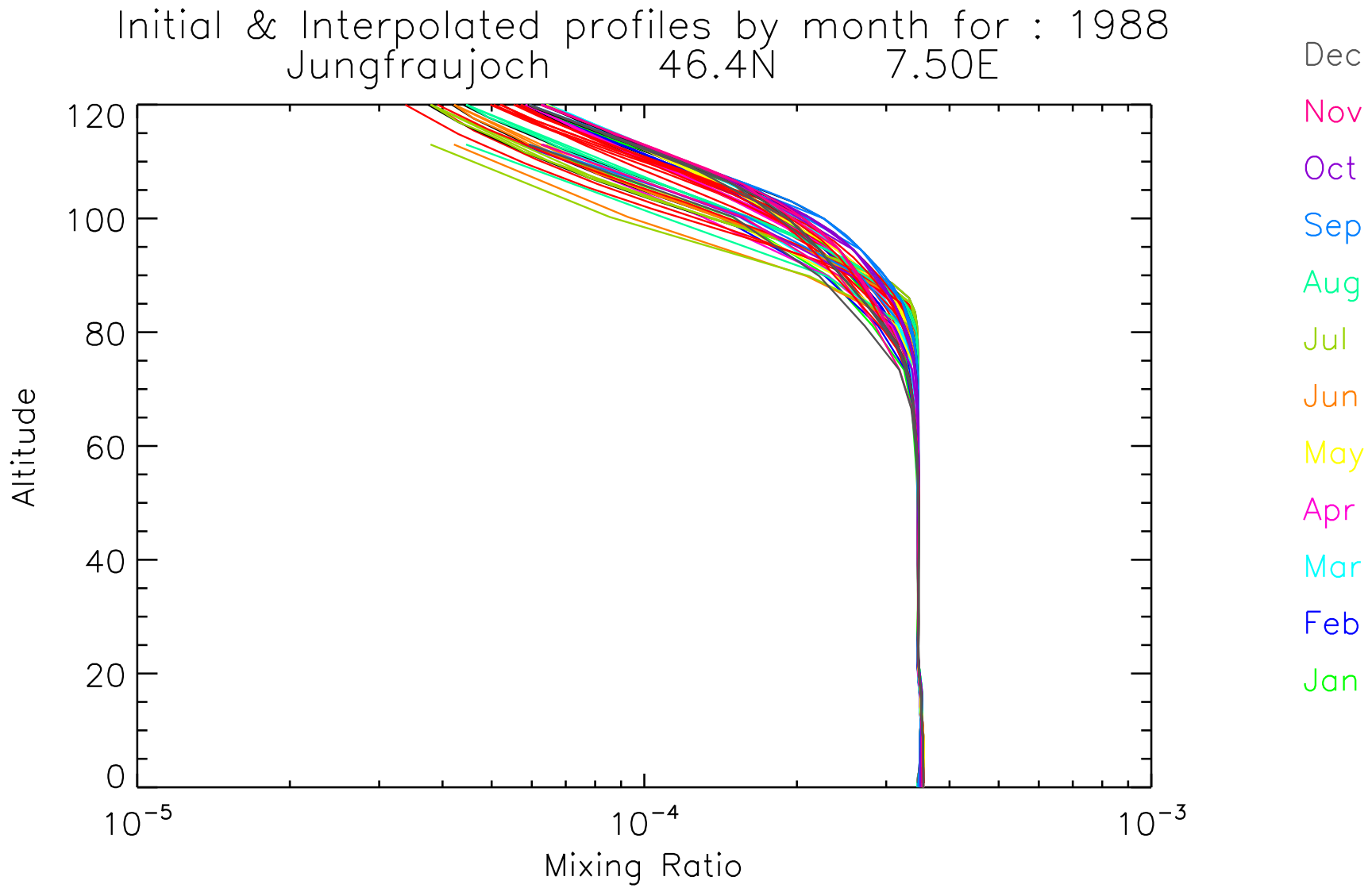
Initial & Interpolated profiles by month for : 1988
Jungfraujoch 46.4N 7.50E
Altitude
120
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Mixing Ratio
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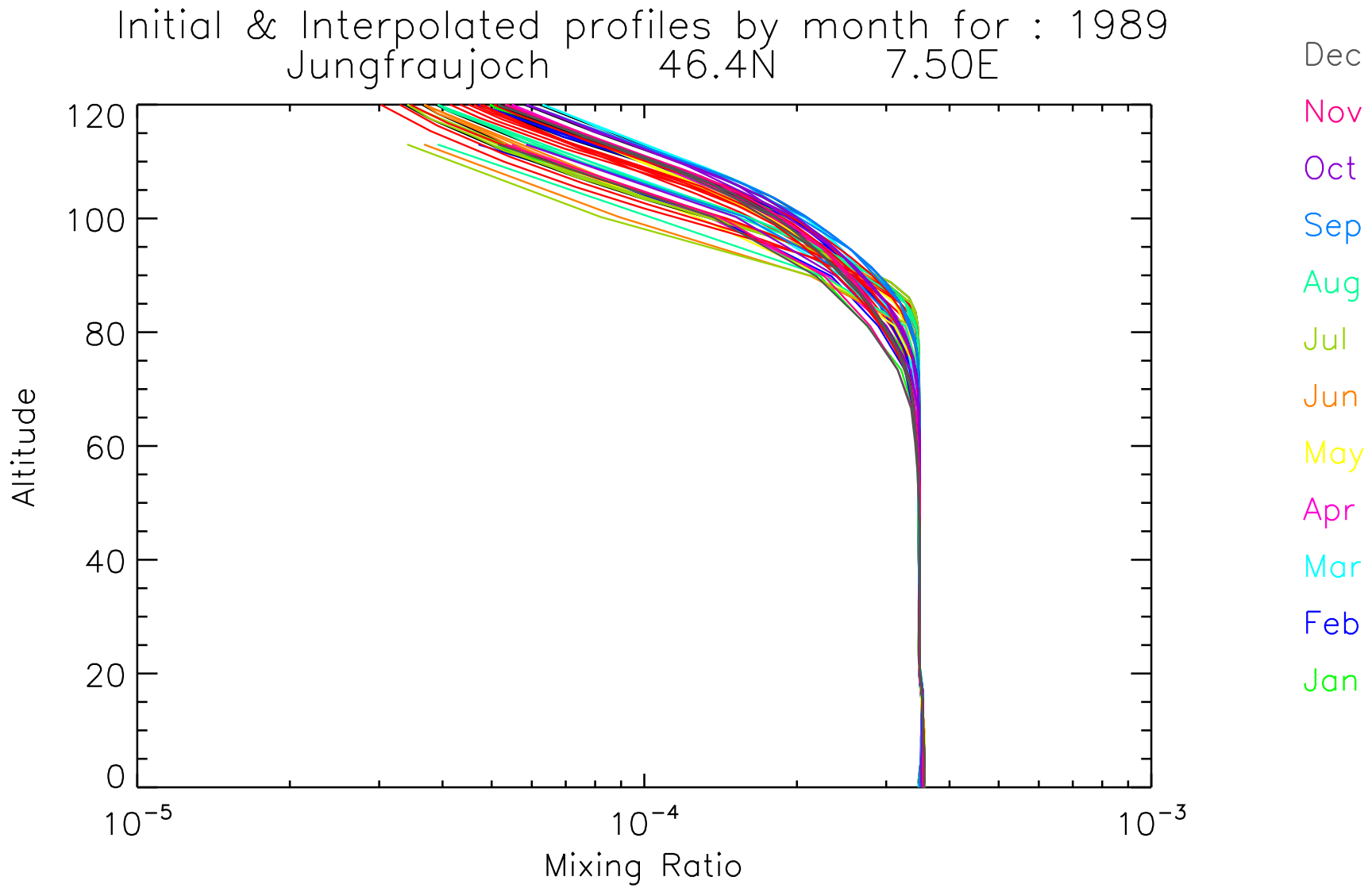
Initial & Interpolated profiles by month for : 1989
Jungfraujoch 46.4N 7.50E
Altitude
120
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Mixing Ratio
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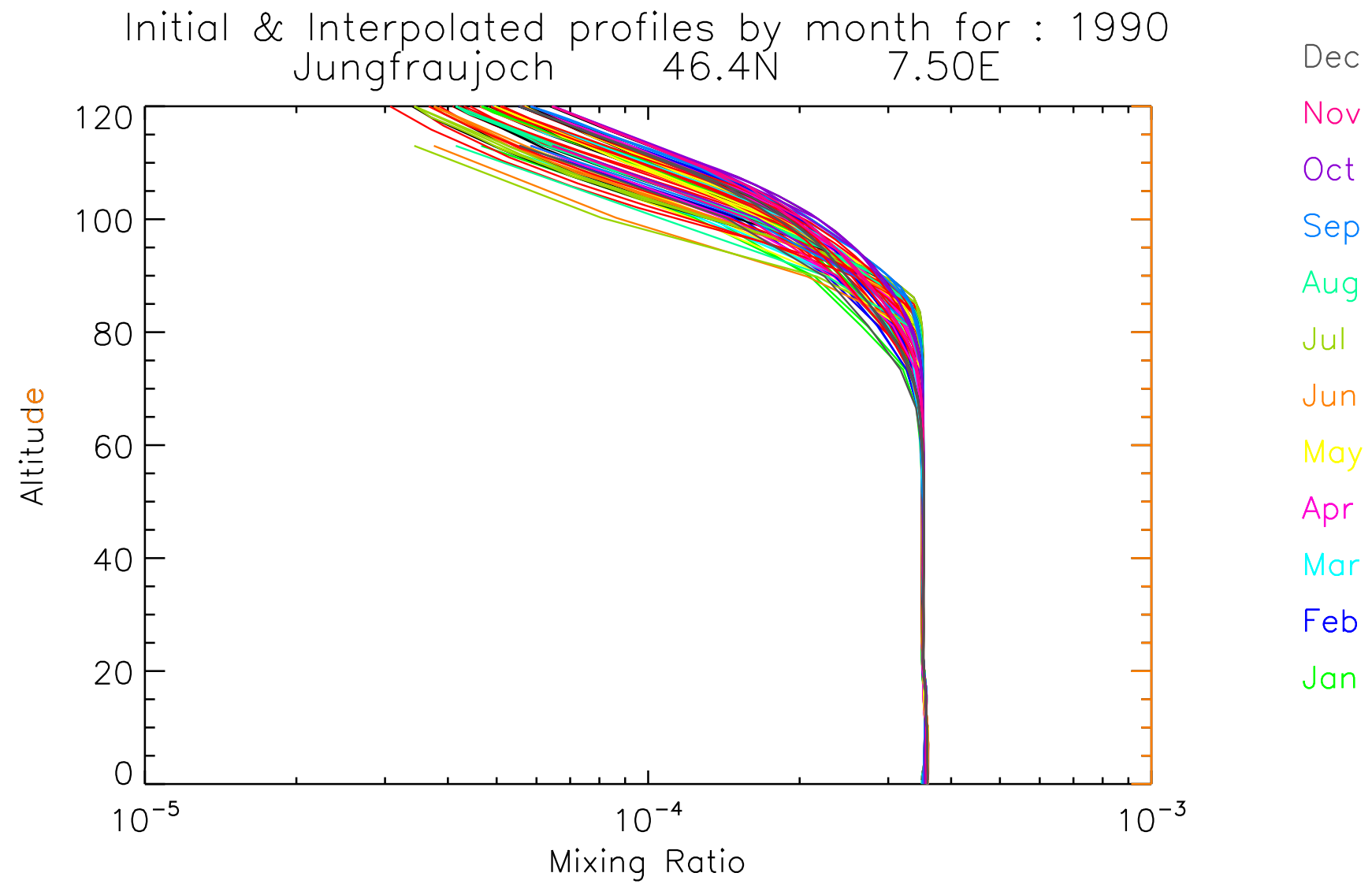
Initial & Interpolated profiles by month for : 1990
Jungfraujoch 46.4N 7.50E
Altitude
120
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Mixing Ratio
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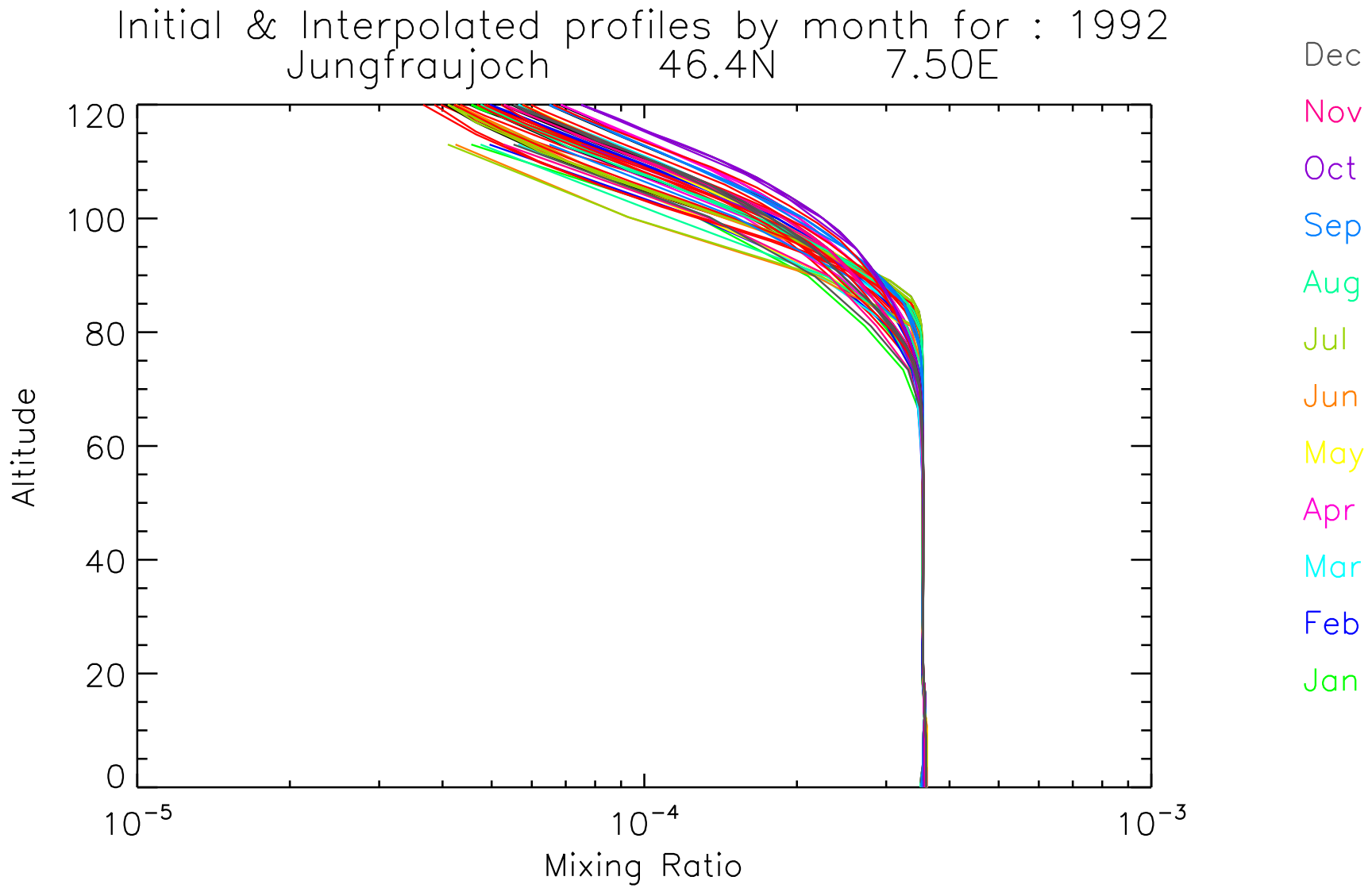
Initial & Interpolated profiles by month for : 1992
Jungfraujoch 46.4N 7.50E
Altitude
120
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Mixing Ratio
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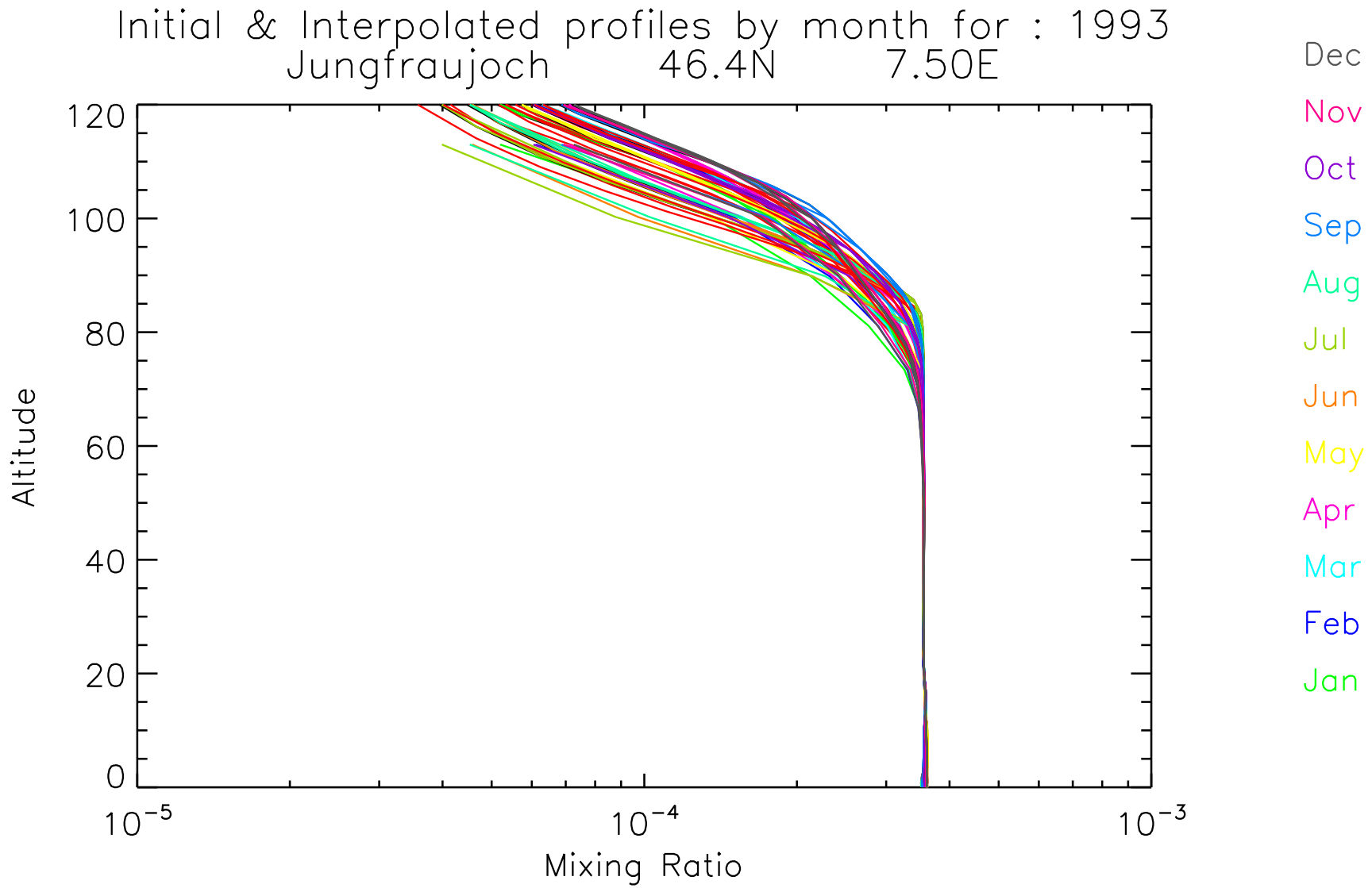
Initial & Interpolated profiles by month for : 1993
Jungfraujoch 46.4N 7.50E
Altitude
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Mixing Ratio
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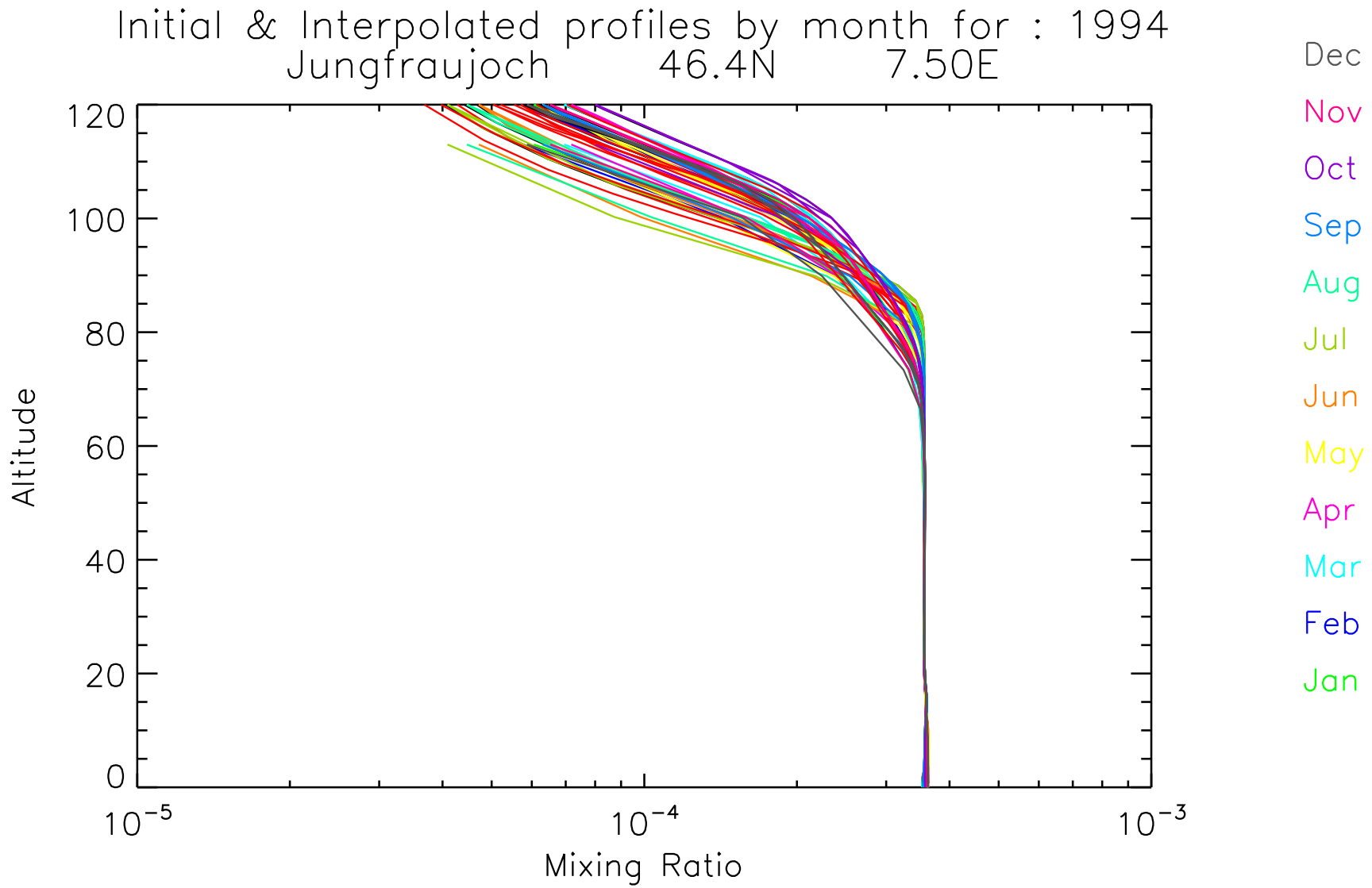
Initial & Interpolated profiles by month for : 1994
Jungfraujoch 46.4N 7.50E
Altitude
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Mixing Ratio
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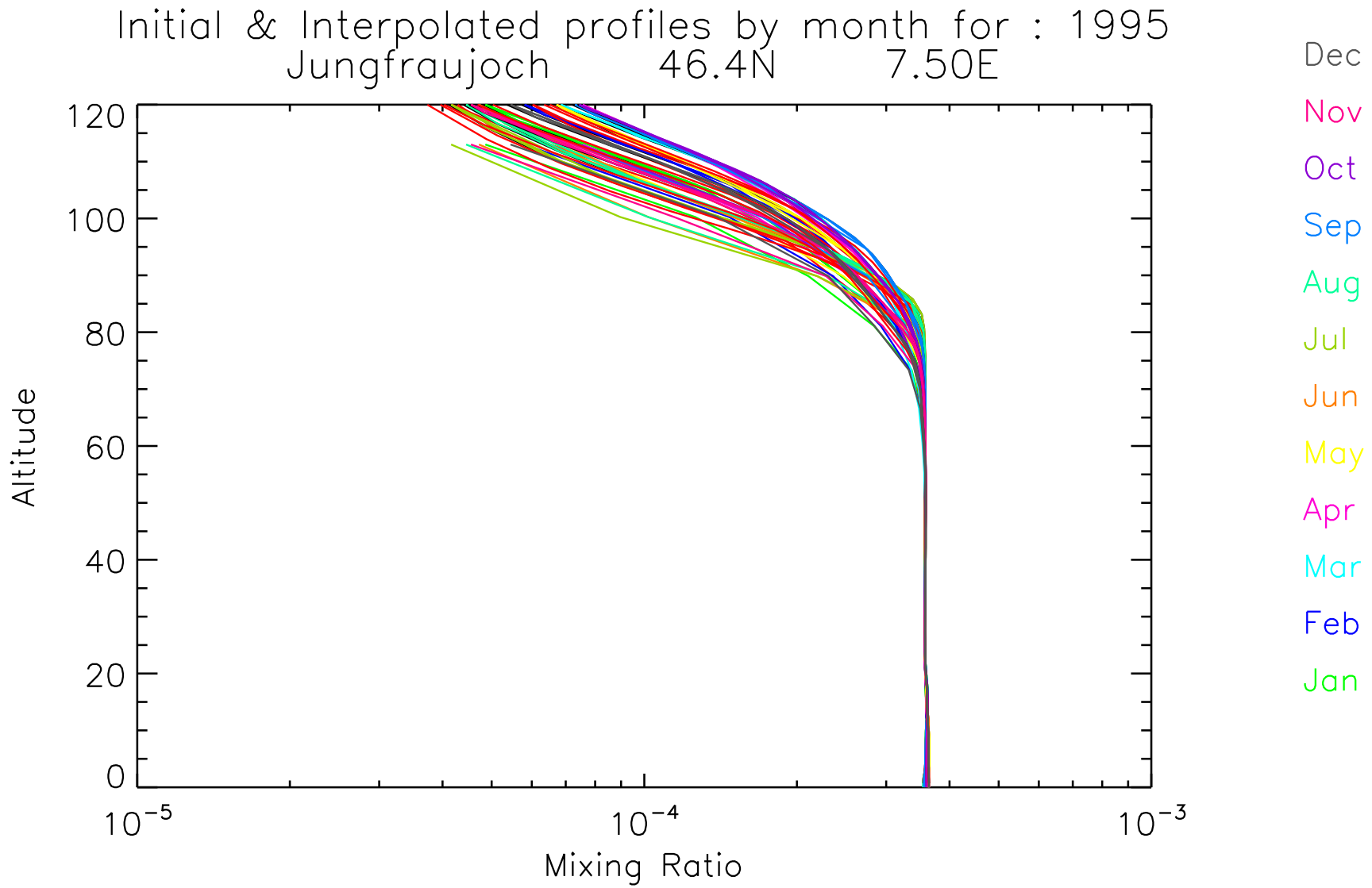
Initial & Interpolated profiles by month for : 1995
Jungfraujoch 46.4N 7.50E
Altitude
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Mixing Ratio
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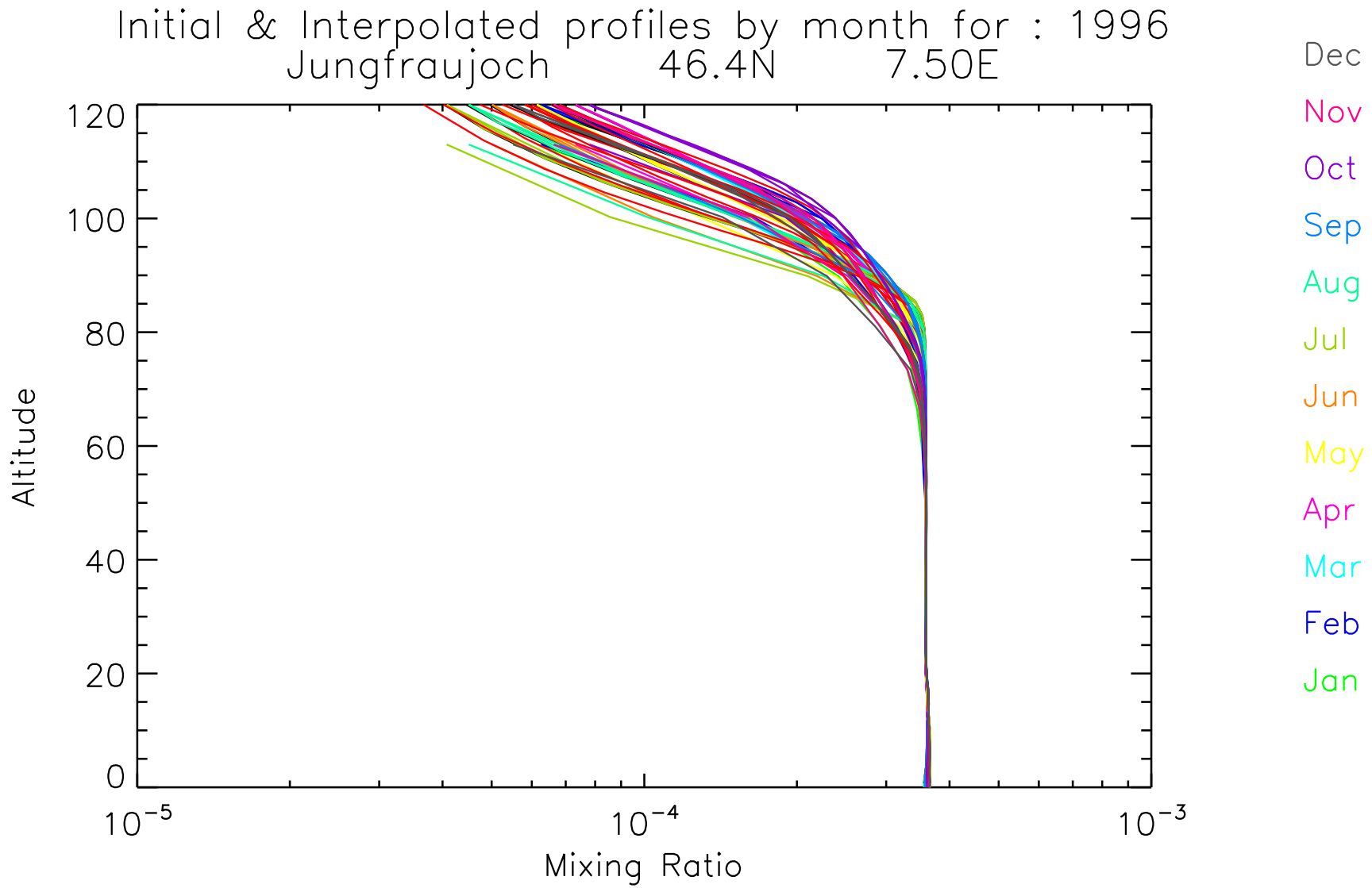
Initial & Interpolated profiles by month for : 1996
Jungfraujoch 46.4N 7.50E
Altitude
120
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10^{-3}
Mixing Ratio
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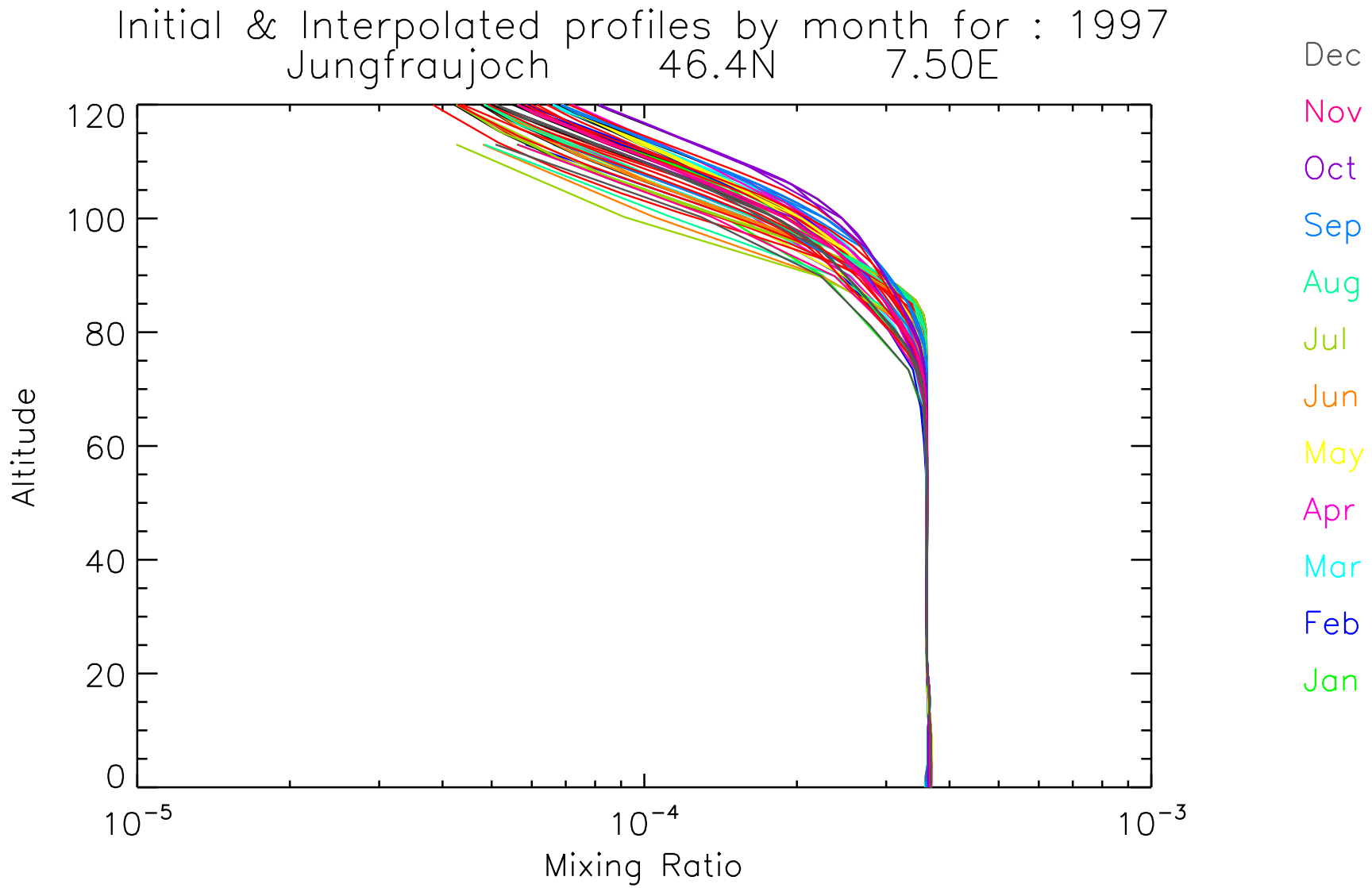
Initial & Interpolated profiles by month for : 1997
Jungfraujoch 46.4N 7.50E
Altitude
120
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10^{-3}
Mixing Ratio
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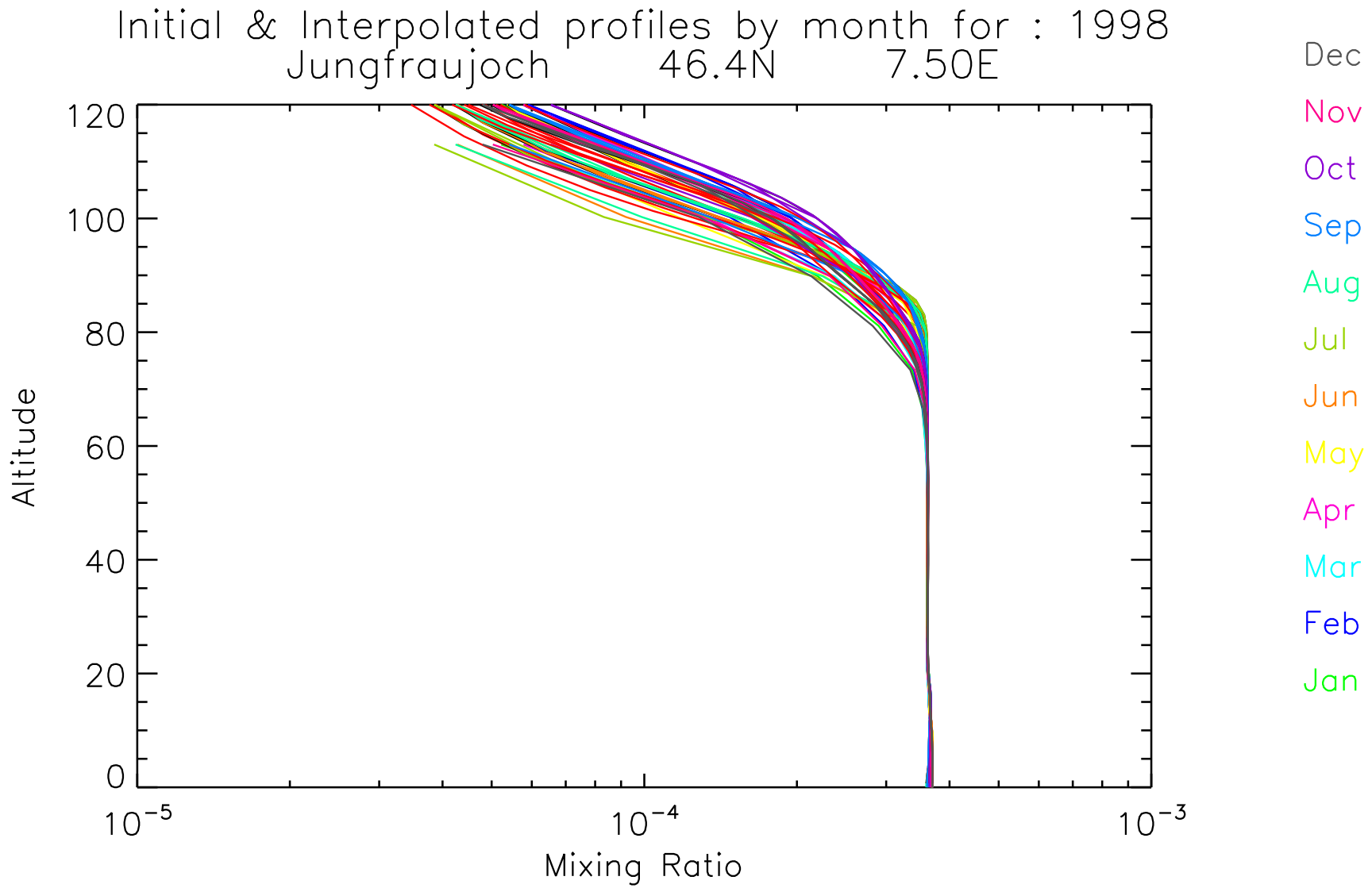
Initial & Interpolated profiles by month for : 1998
Jungfraujoch 46.4N 7.50E
Altitude
120
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Mixing Ratio
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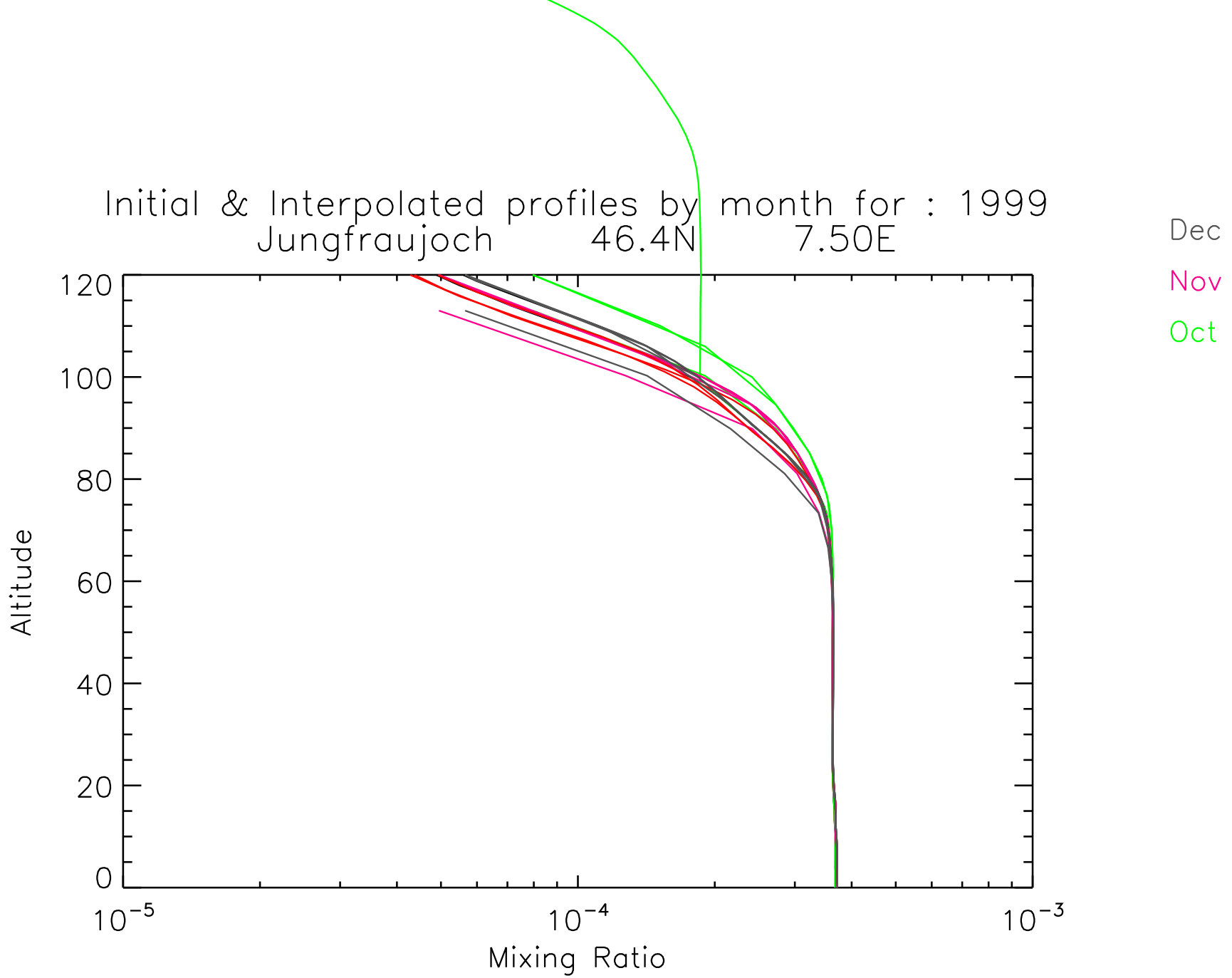
Initial & Interpolated profiles by month for : 1999
Jungfraujoch 46.4N 7.50E
Dec
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120
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60
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20
0
Altitude
10^{-5}
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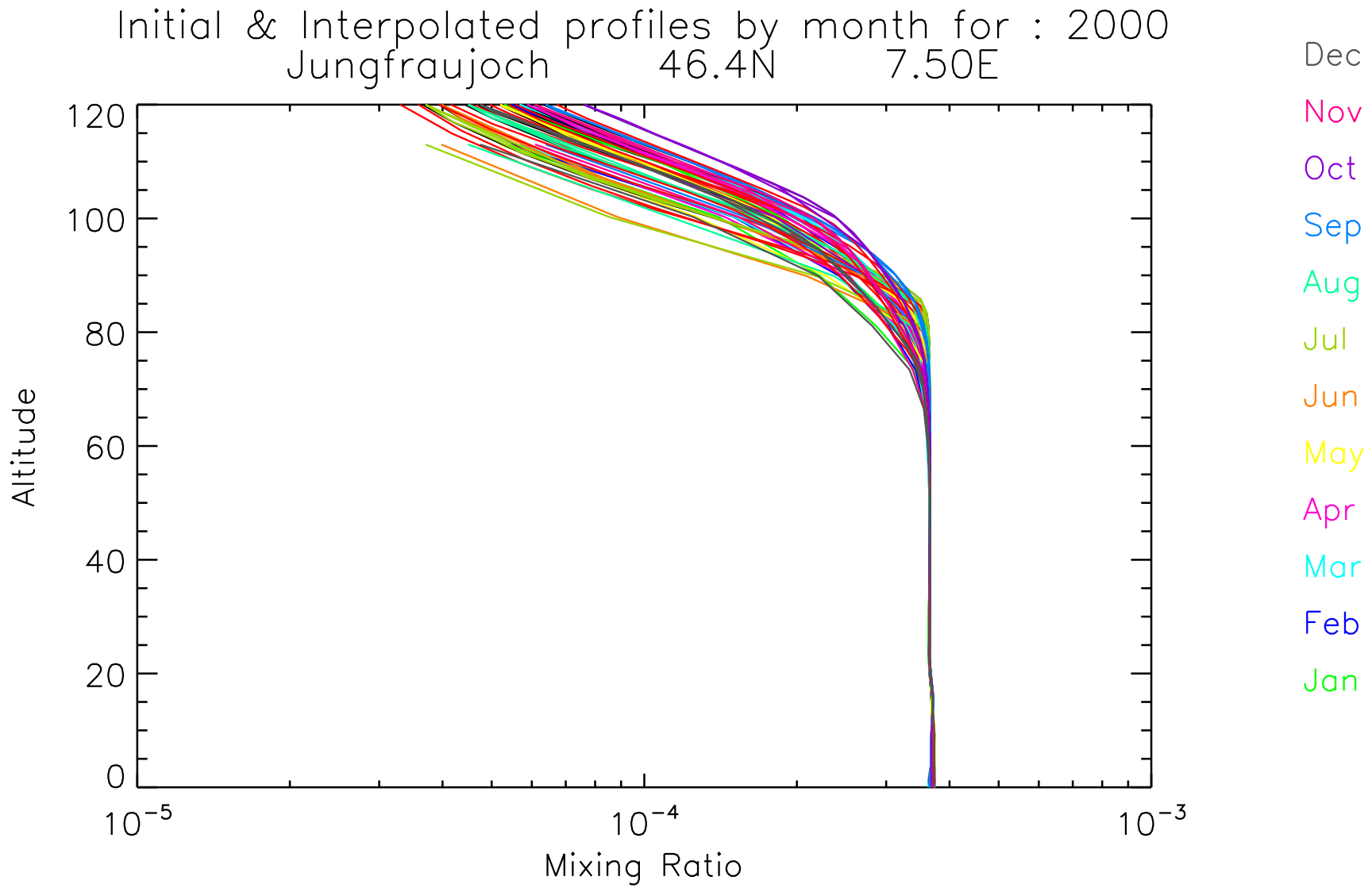
10^{-3}
Mixing Ratio


Initial & Interpolated profiles by month for : 2000
Jungfraujoch 46.4N 7.50E
Altitude
120
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10^{-3}
Mixing Ratio
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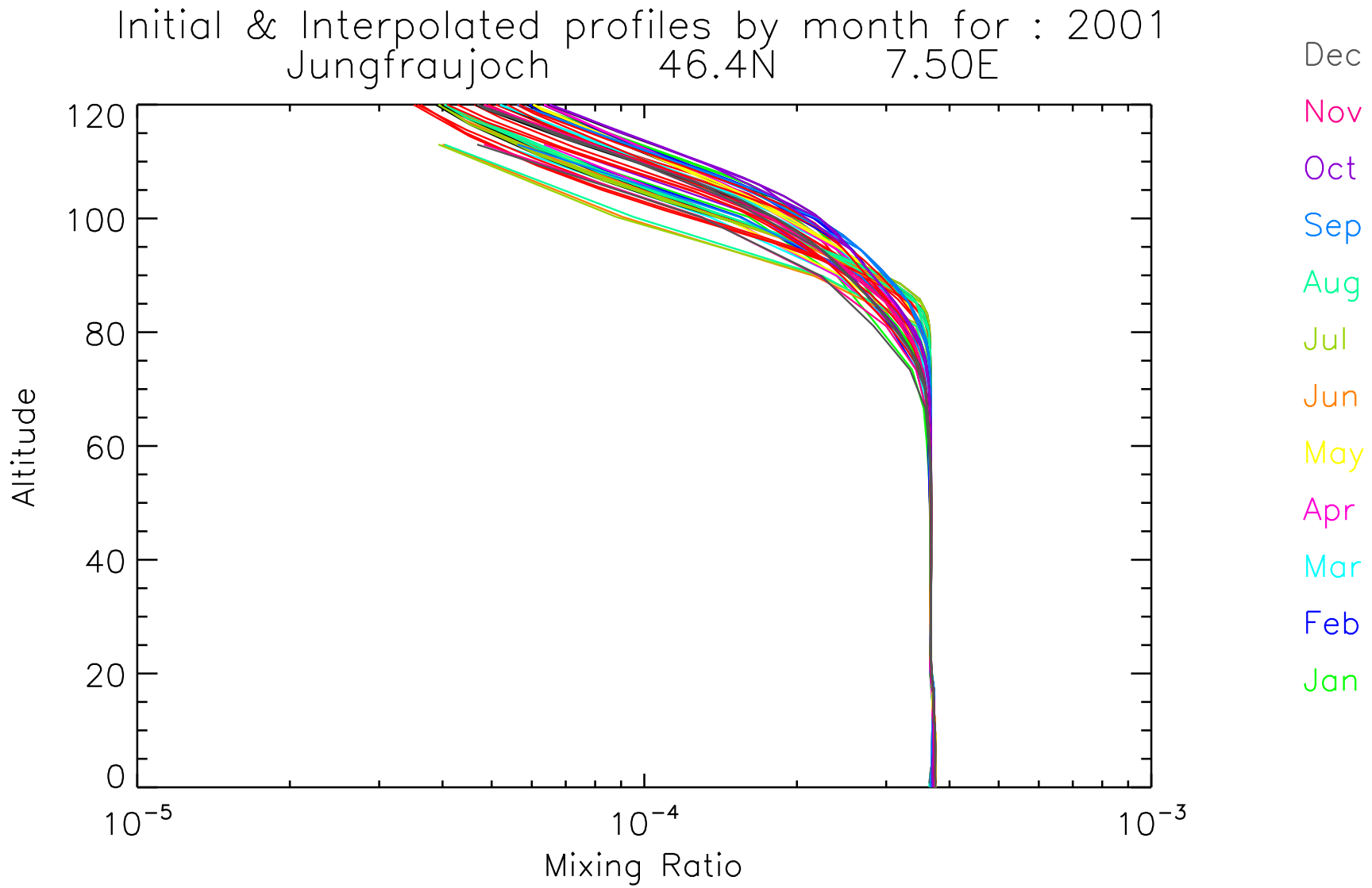
Initial & Interpolated profiles by month for : 2001
Jungfraujoch 46.4N 7.50E
Altitude
120
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10^{-3}
Mixing Ratio
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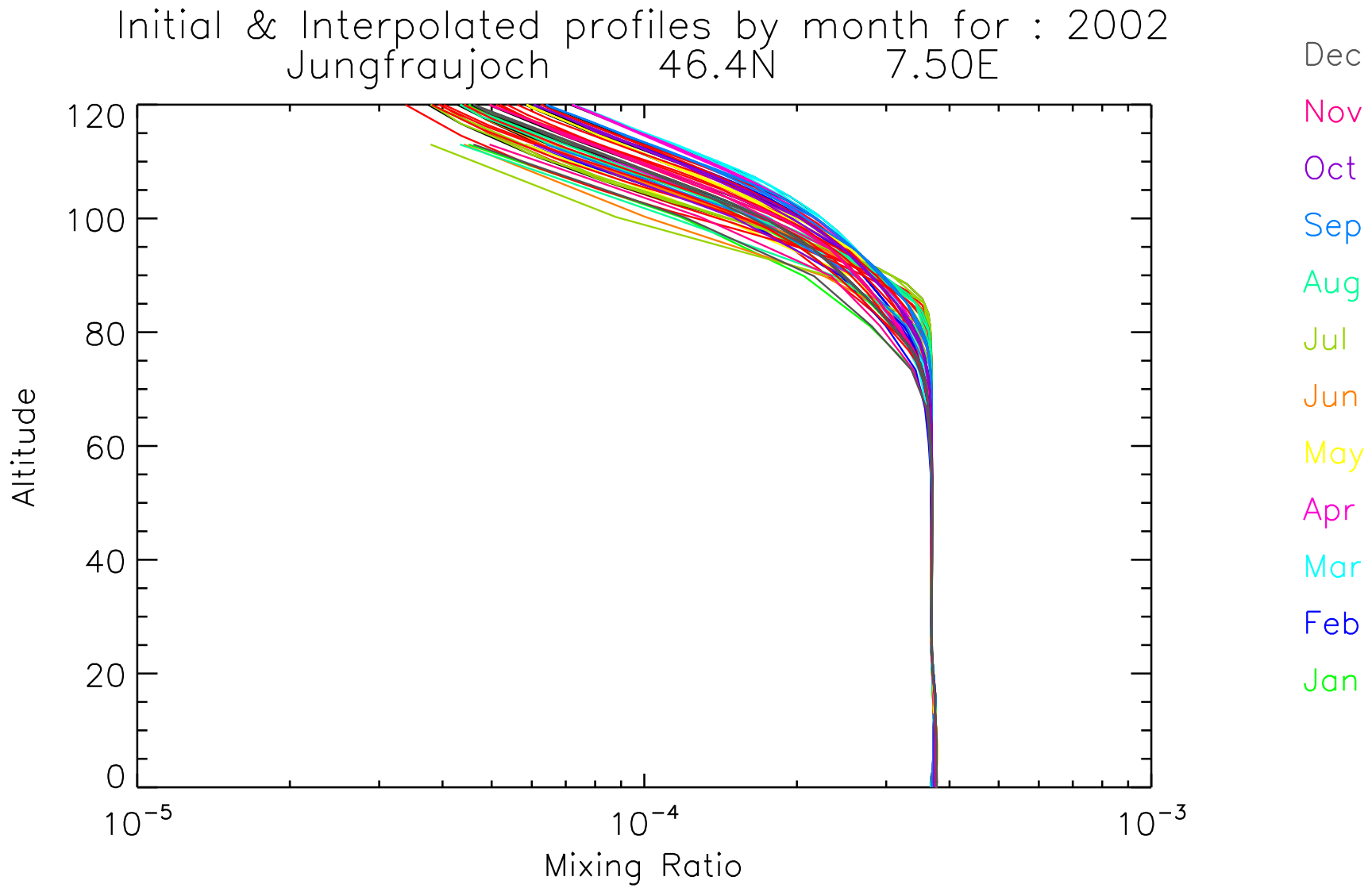
Initial & Interpolated profiles by month for : 2002
Jungfraujoch 46.4N 7.50E
Altitude
120
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10^{-3}
Mixing Ratio
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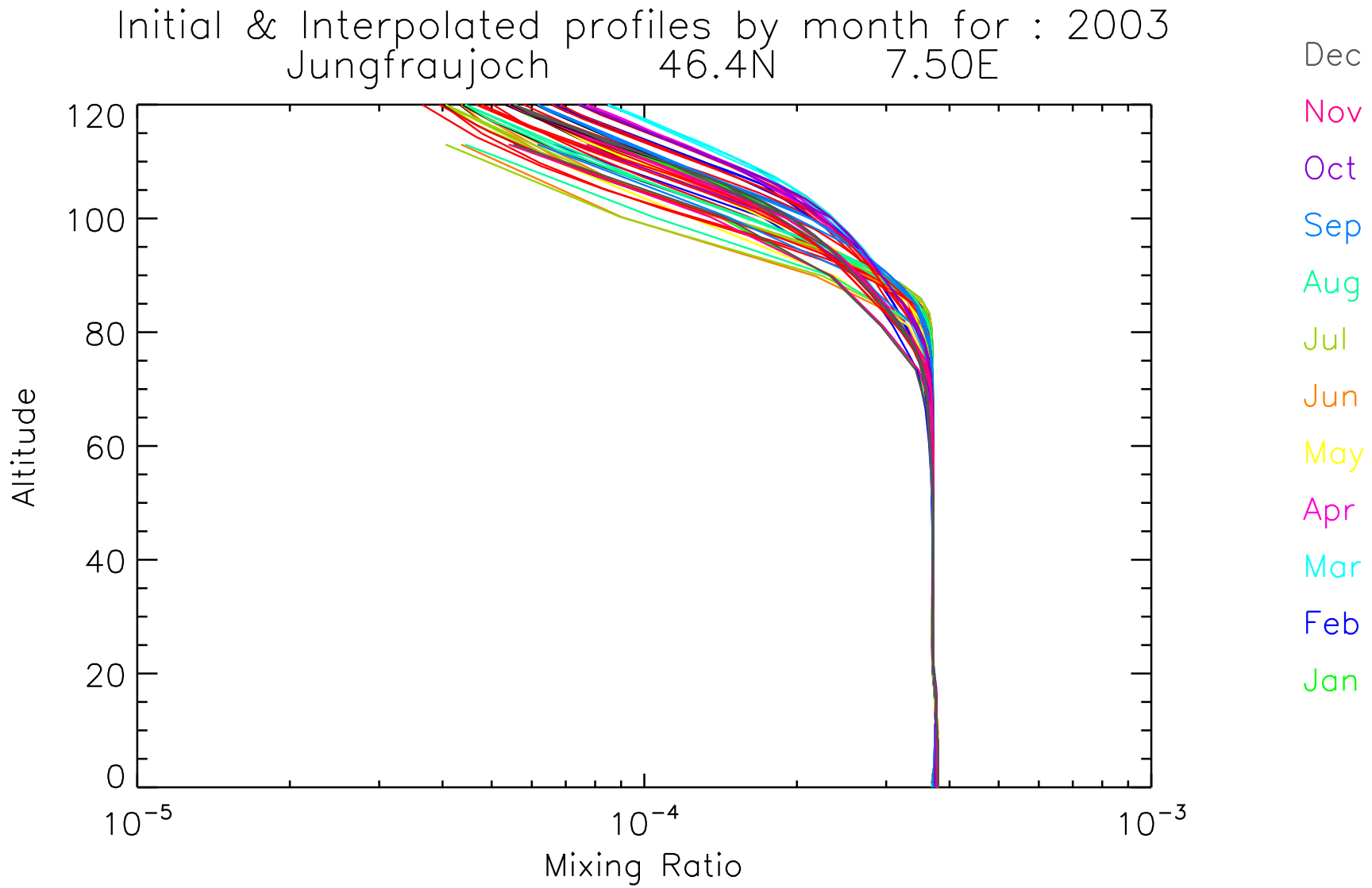
Initial & Interpolated profiles by month for : 2003
Jungfraujoch 46.4N 7.50E
Altitude
120
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10^{-3}
Mixing Ratio
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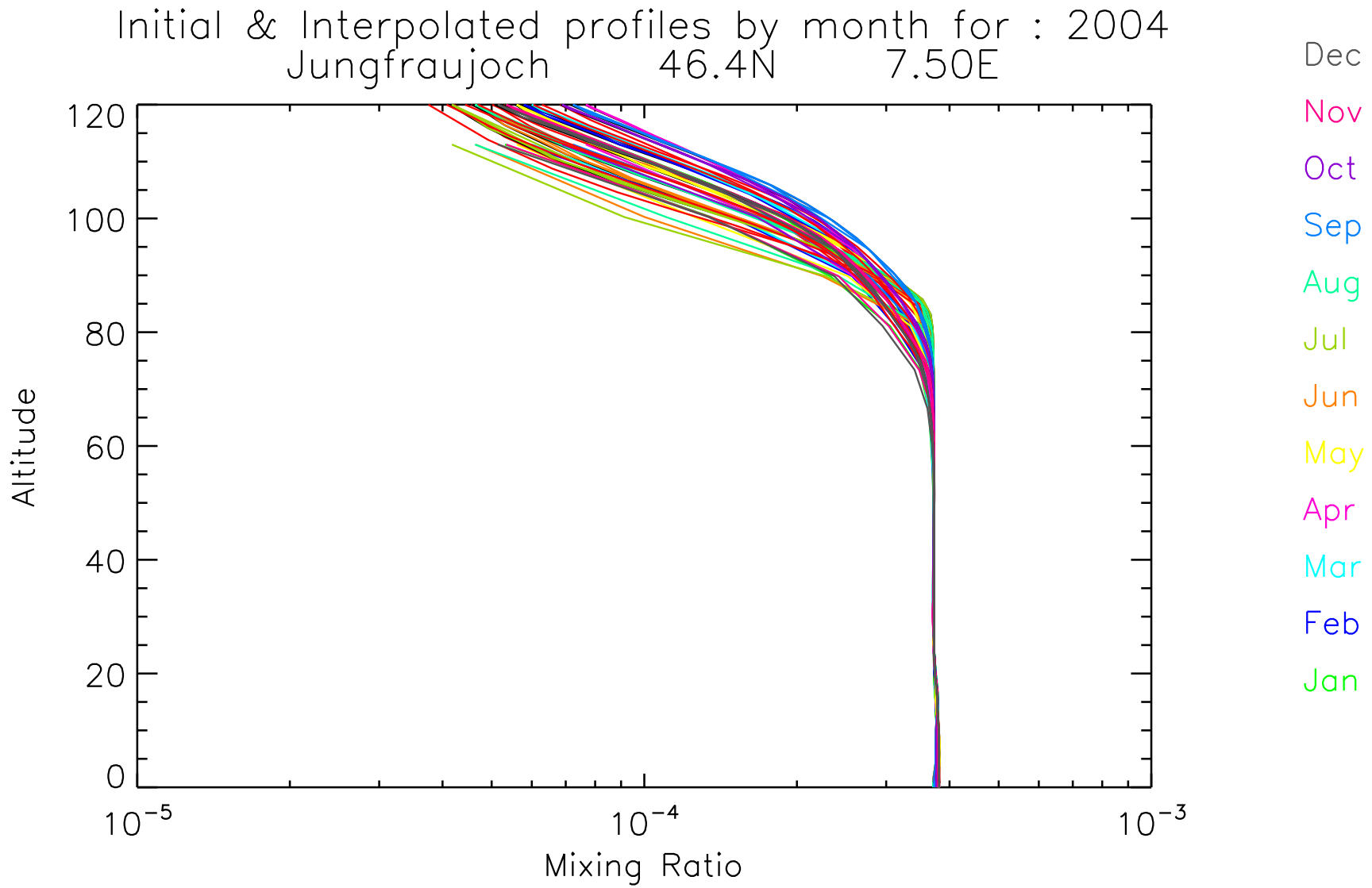
Initial & Interpolated profiles by month for : 2004
Jungfraujoch 46.4N 7.50E
Altitude
120
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10^{-3}
Mixing Ratio
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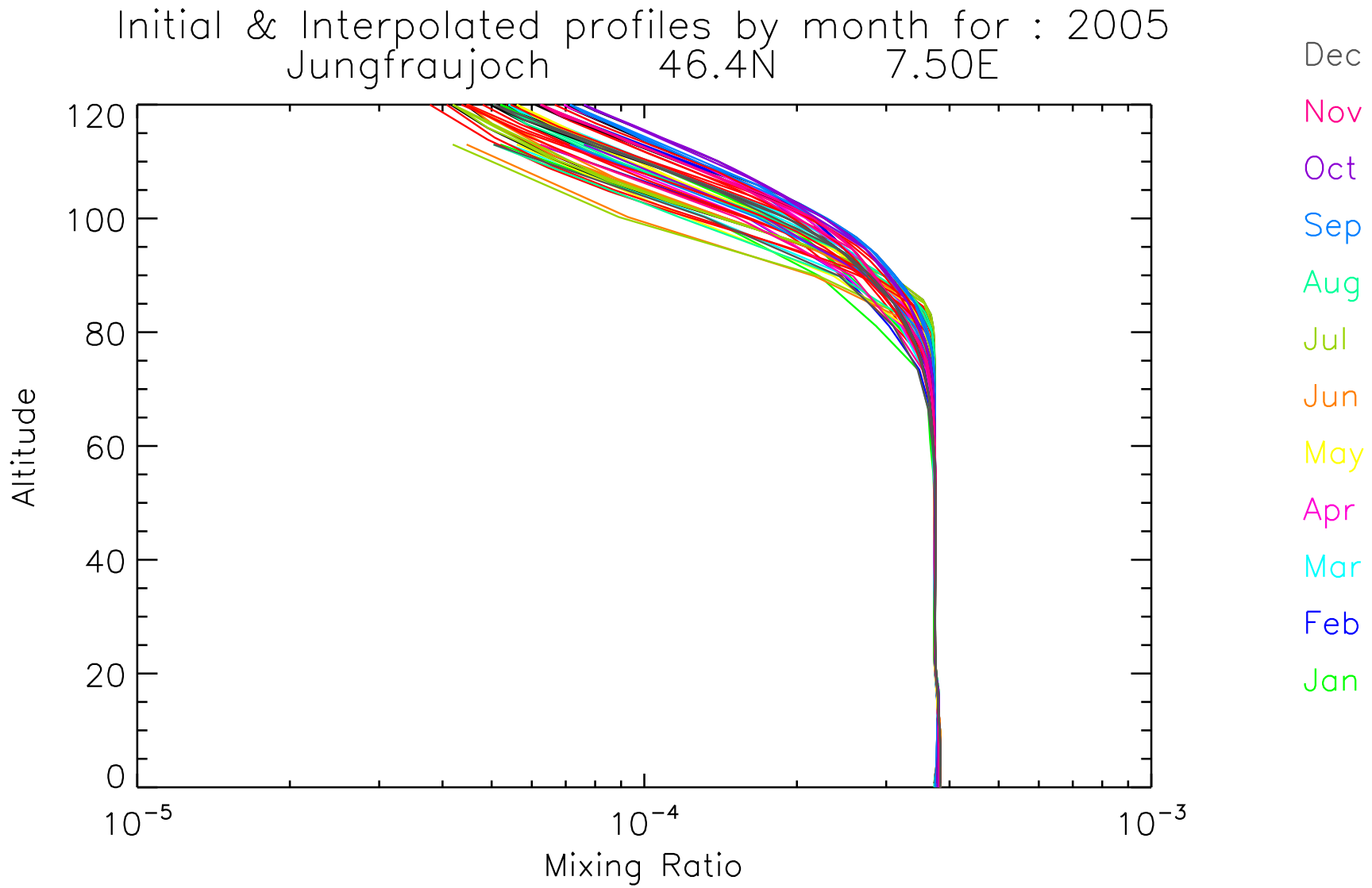
Initial & Interpolated profiles by month for : 2005
Jungfraujoch 46.4N 7.50E
Altitude
120
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10^{-3}
Mixing Ratio
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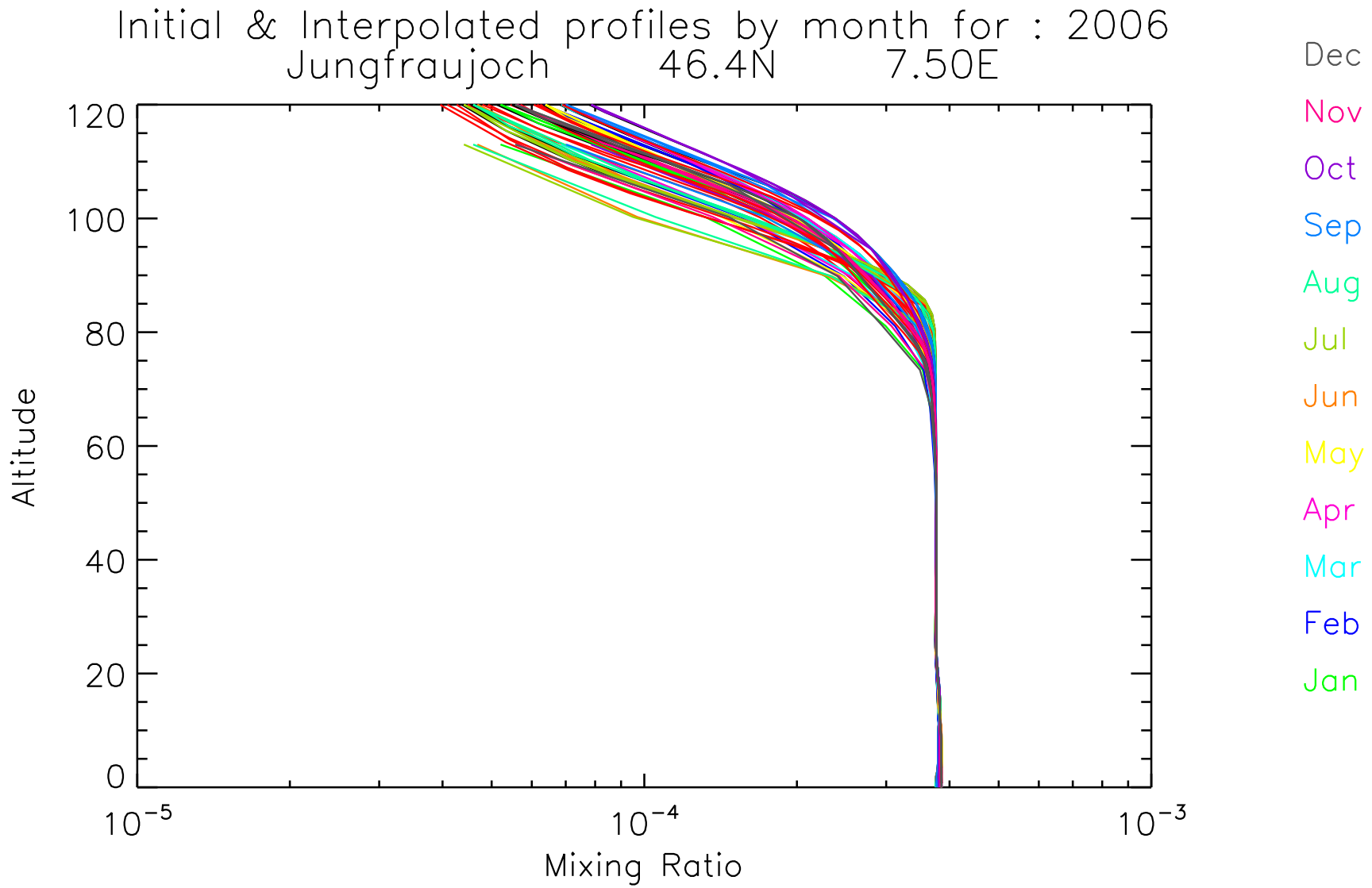
Initial & Interpolated profiles by month for : 2006
Jungfraujoch 46.4N 7.50E
Altitude
120
100
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10^{-3}
Mixing Ratio
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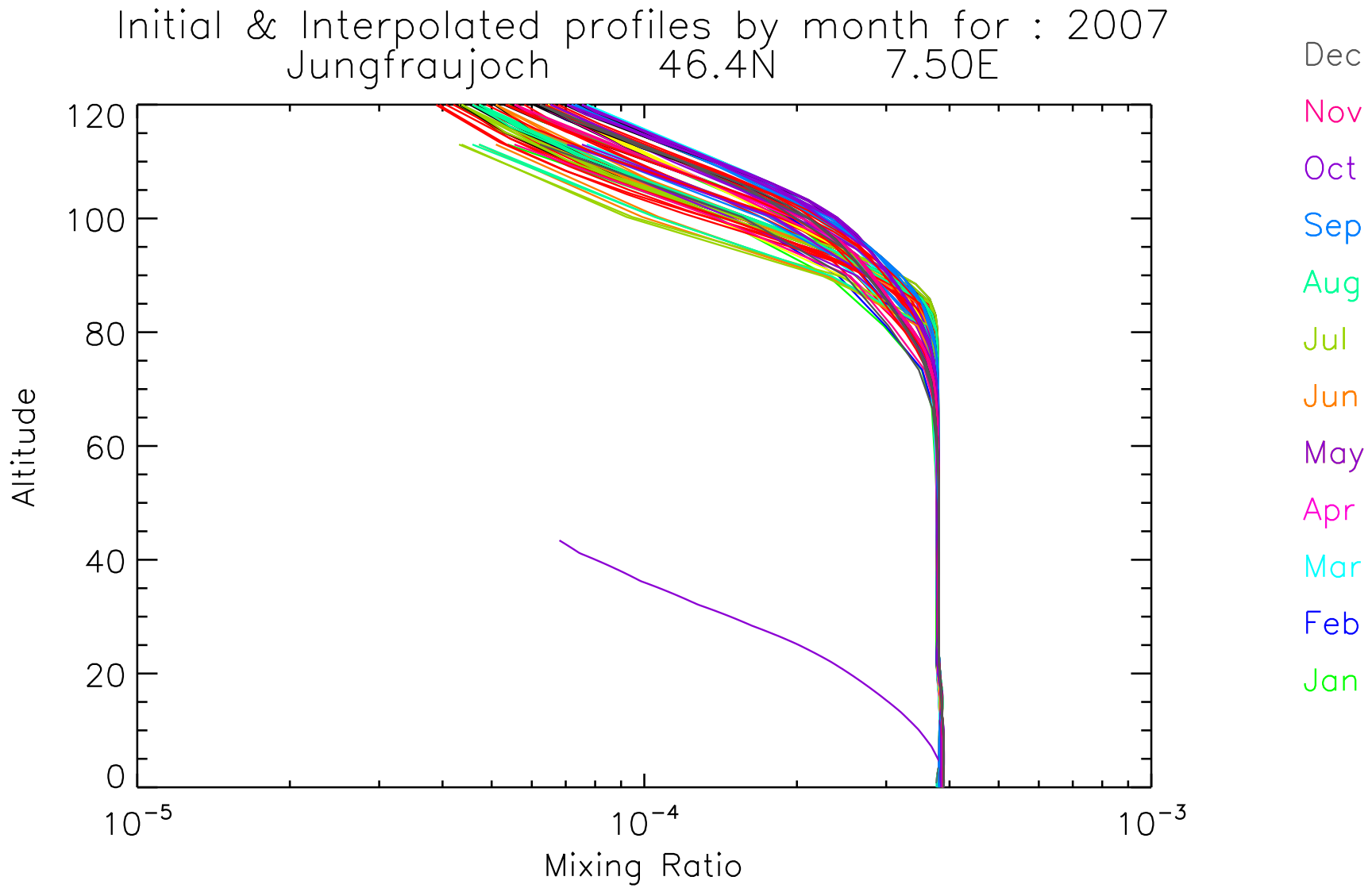
Initial & Interpolated profiles by month for : 2007
Jungfraujoch 46.4N 7.50E
Altitude
120
100
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10^{-3}
Mixing Ratio
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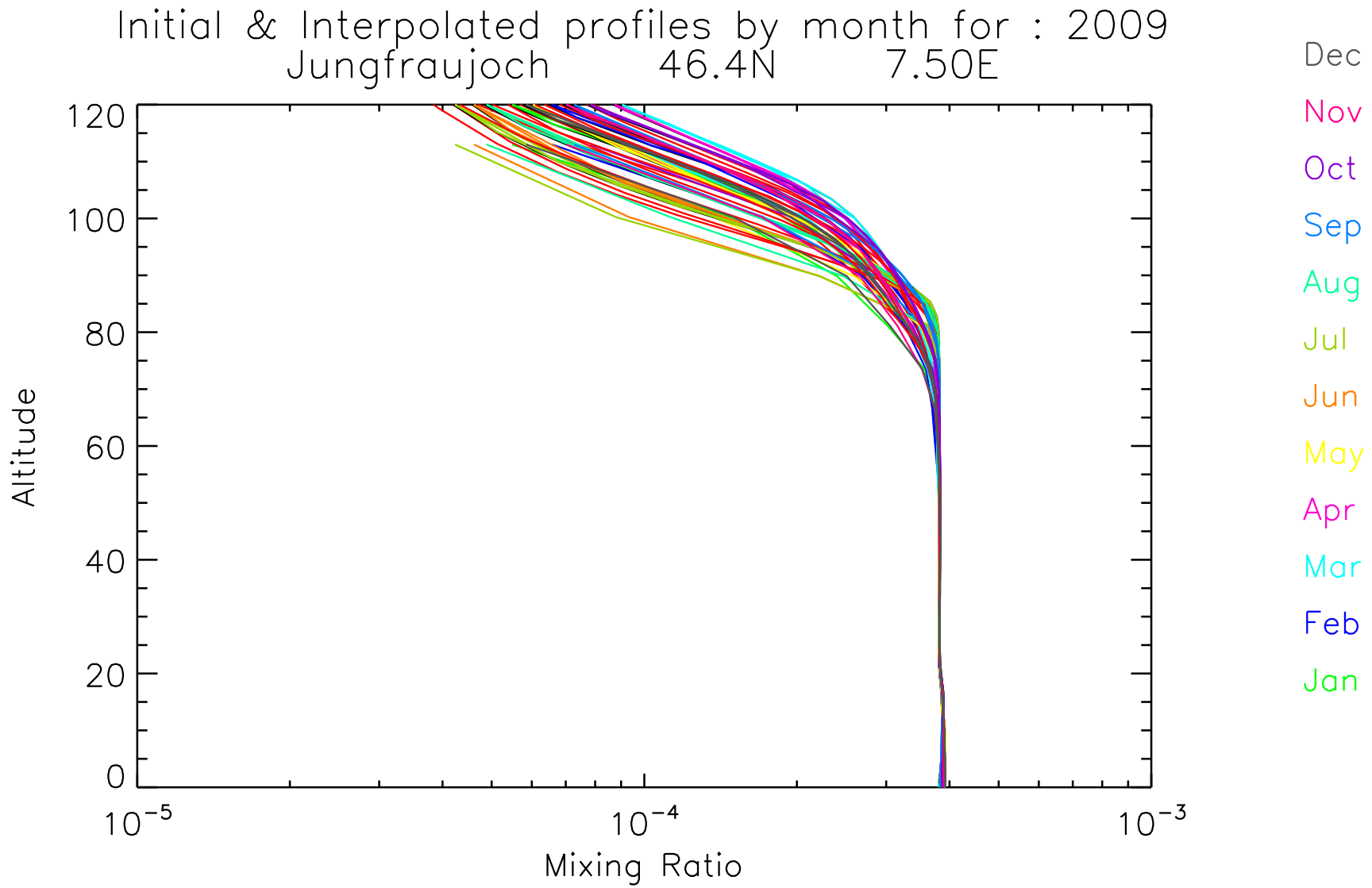
Initial & Interpolated profiles by month for : 2009
Jungfraujoch 46.4N 7.50E
Altitude
120
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10^{-3}
Mixing Ratio
Dec
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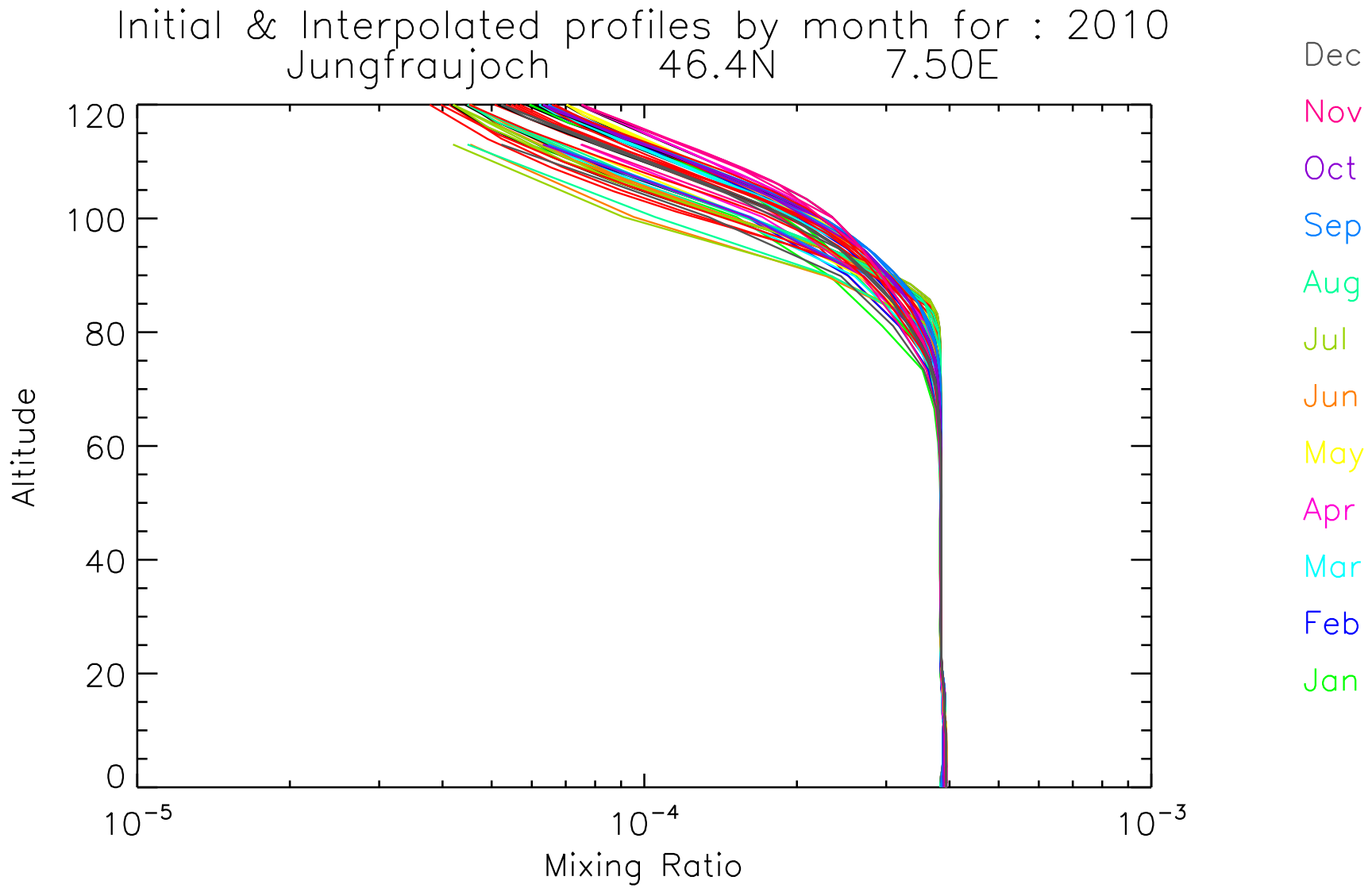
Initial & Interpolated profiles by month for : 2010
Jungfraujoch 46.4N 7.50E
Altitude
120
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10^{-3}
Mixing Ratio
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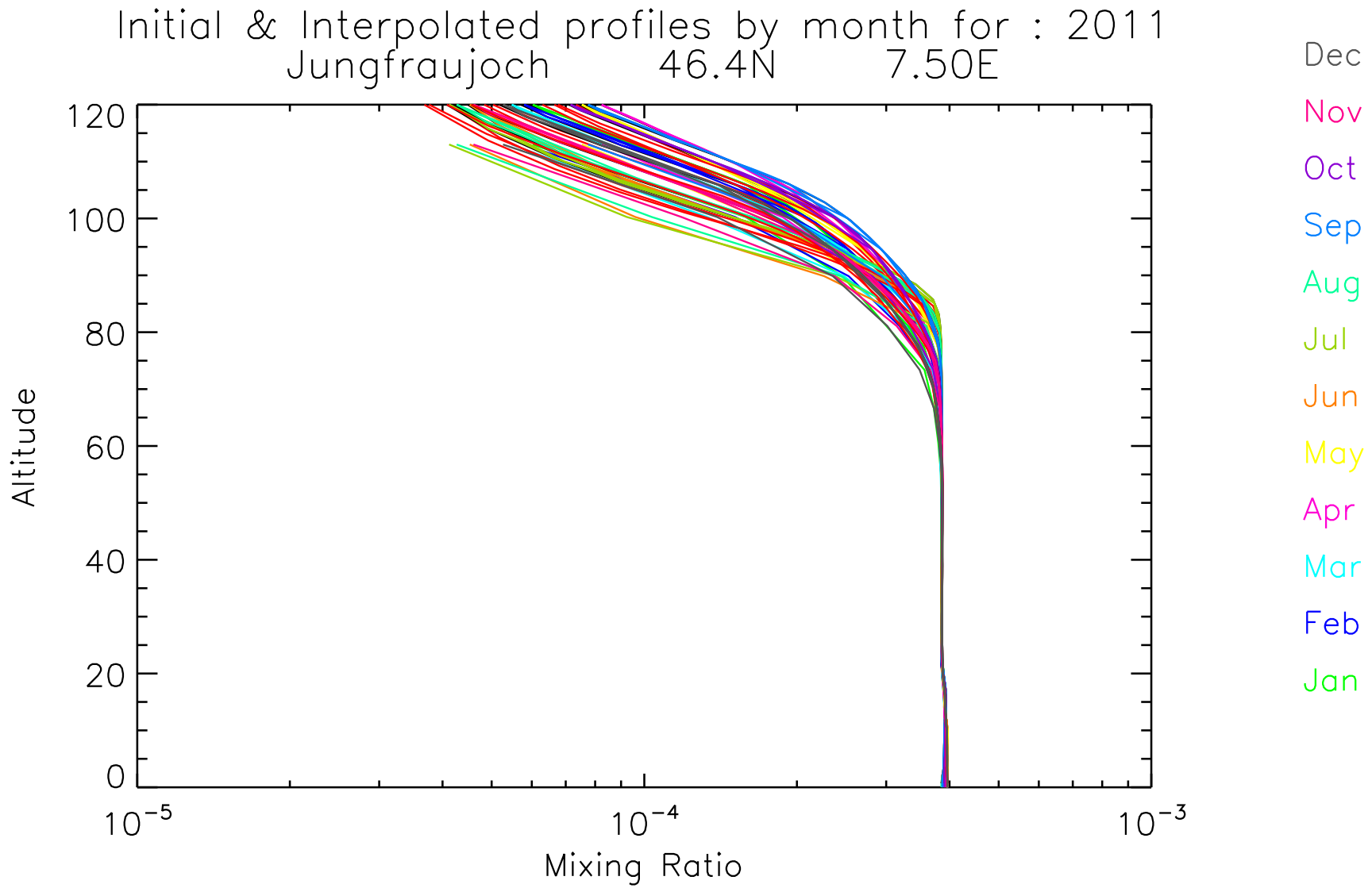
Initial & Interpolated profiles by month for : 2011
Jungfraujoch 46.4N 7.50E
Altitude
120
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10^{-3}
Mixing Ratio
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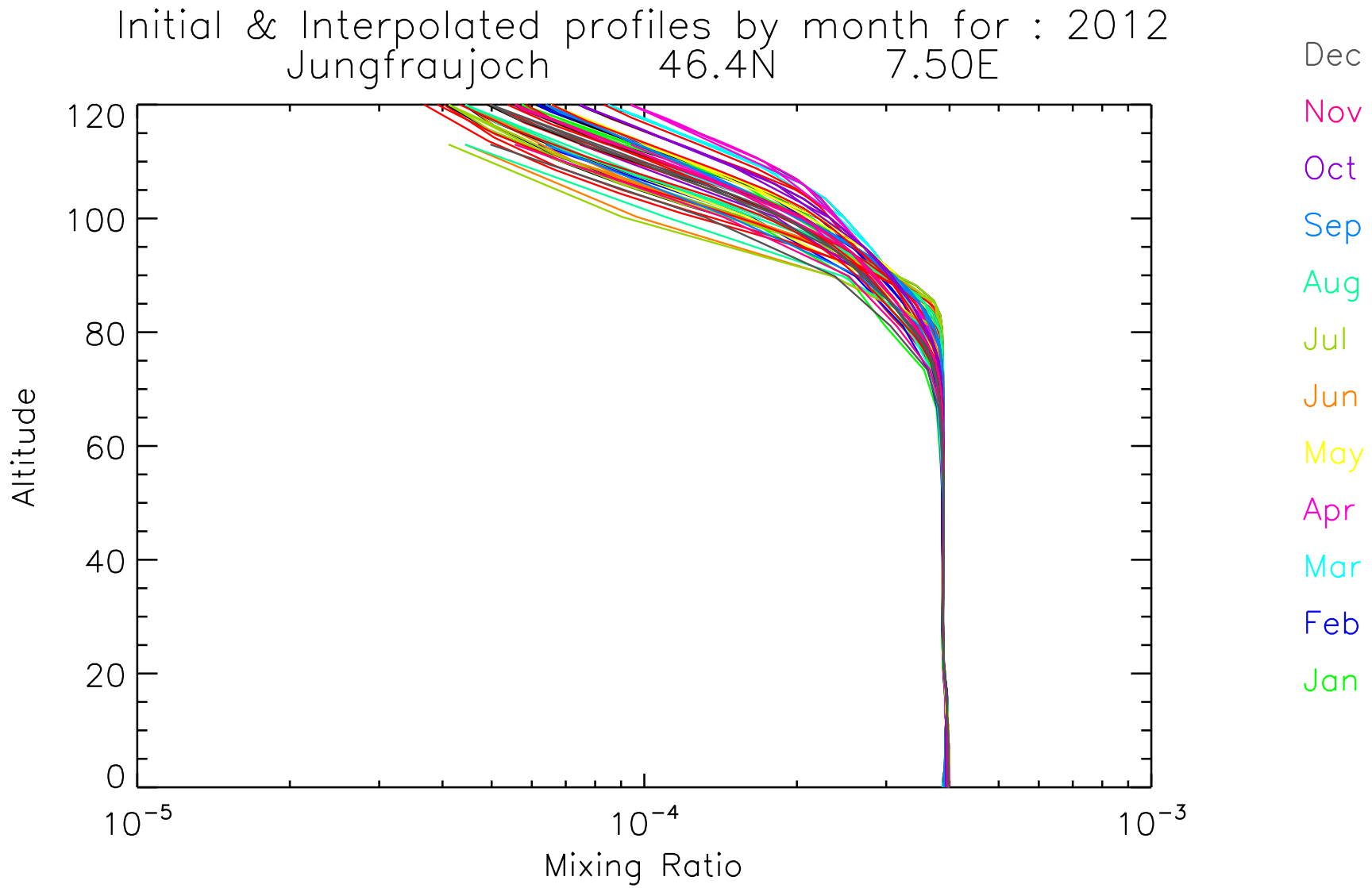
Initial & Interpolated profiles by month for : 2012
Jungfraujoch 46.4N 7.50E
Altitude
120
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Mixing Ratio
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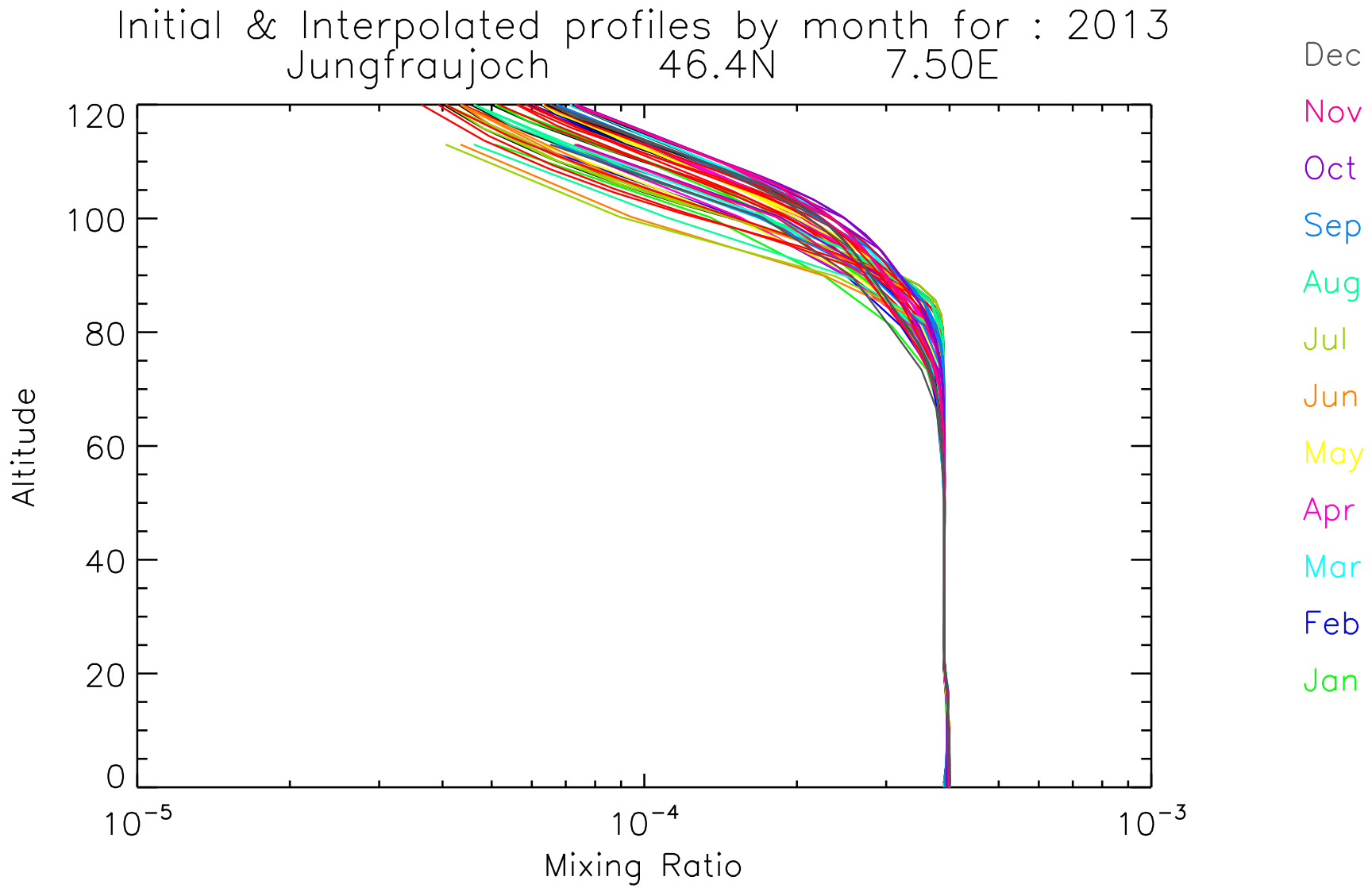
Initial & Interpolated profiles by month for : 2013
Jungfraujoch 46.4N 7.50E
Altitude
120
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Mixing Ratio
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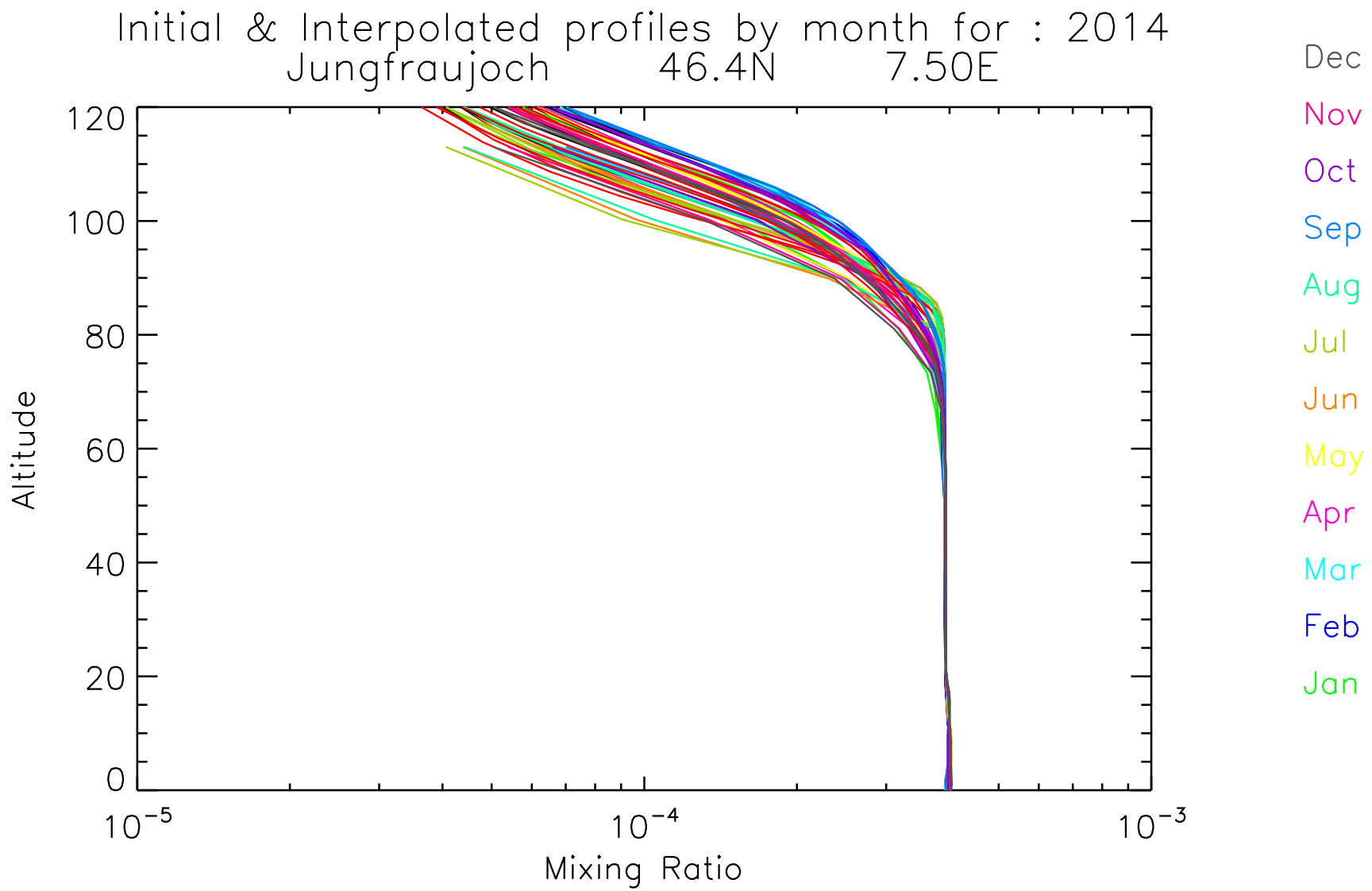
Initial & Interpolated profiles by month for : 2014
Jungfraujoch 46.4N 7.50E
Altitude
120
100
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10^{-3}
Mixing Ratio
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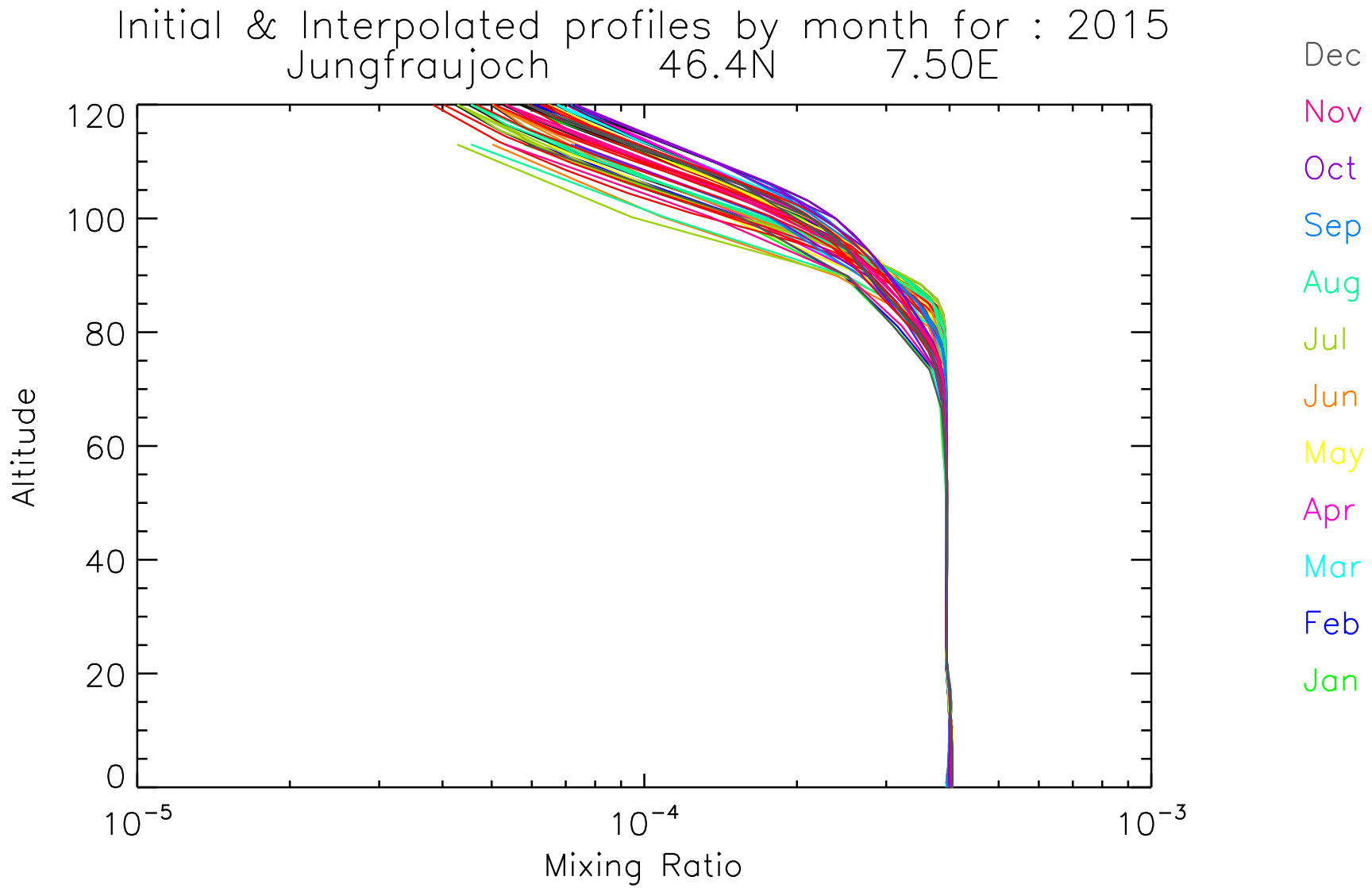
Initial & Interpolated profiles by month for : 2015
Jungfraujoch 46.4N 7.50E
Altitude
120
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10^{-3}
Mixing Ratio
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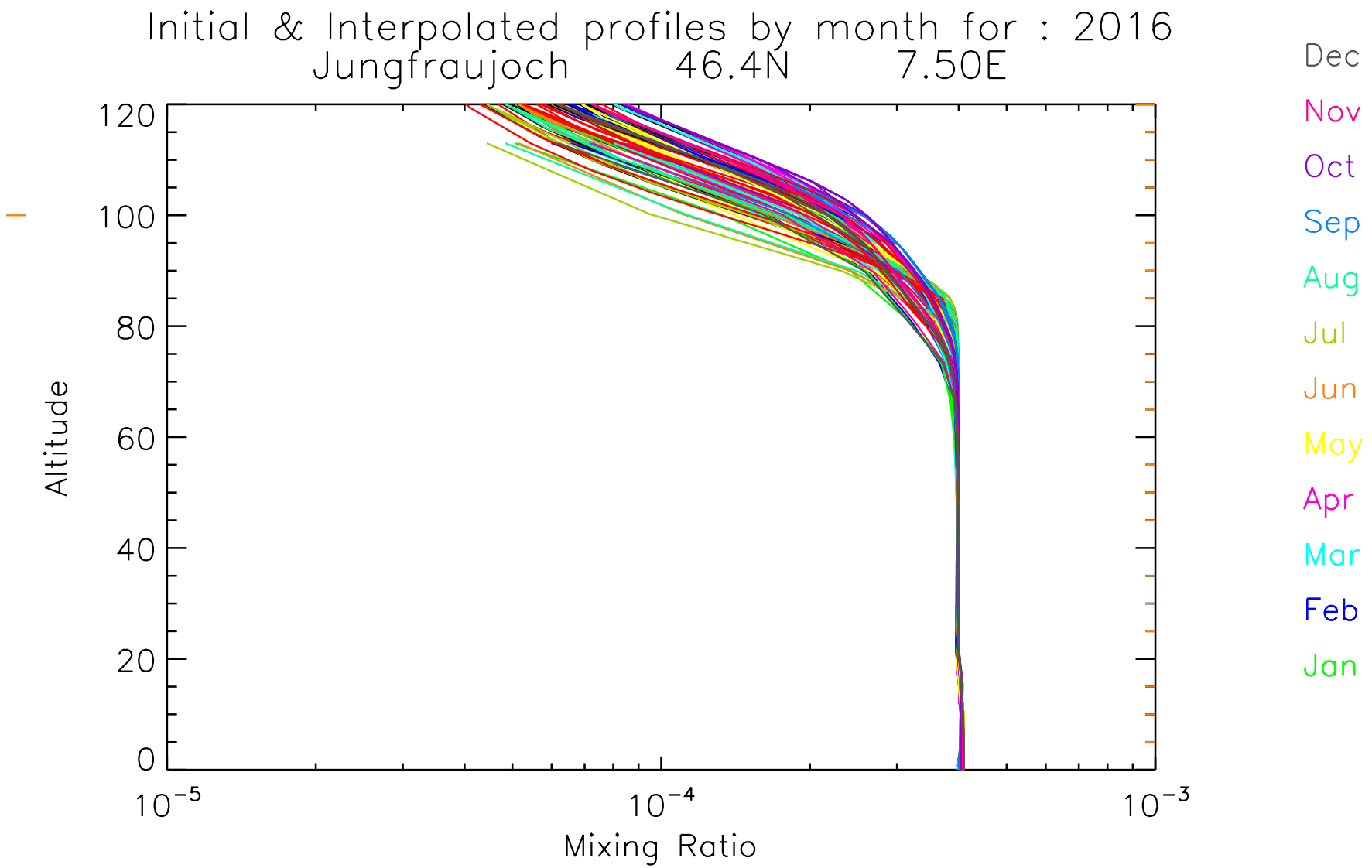
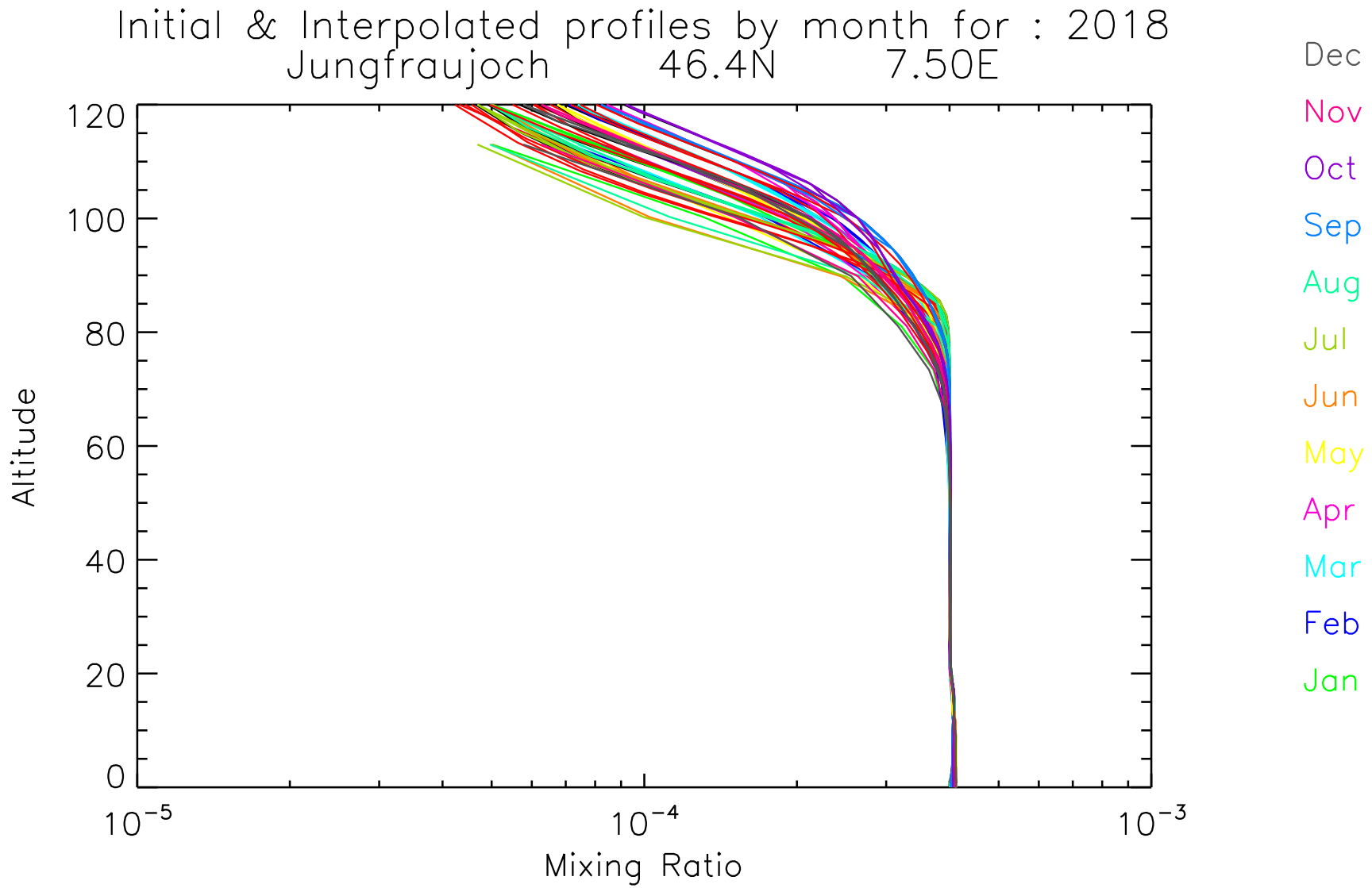
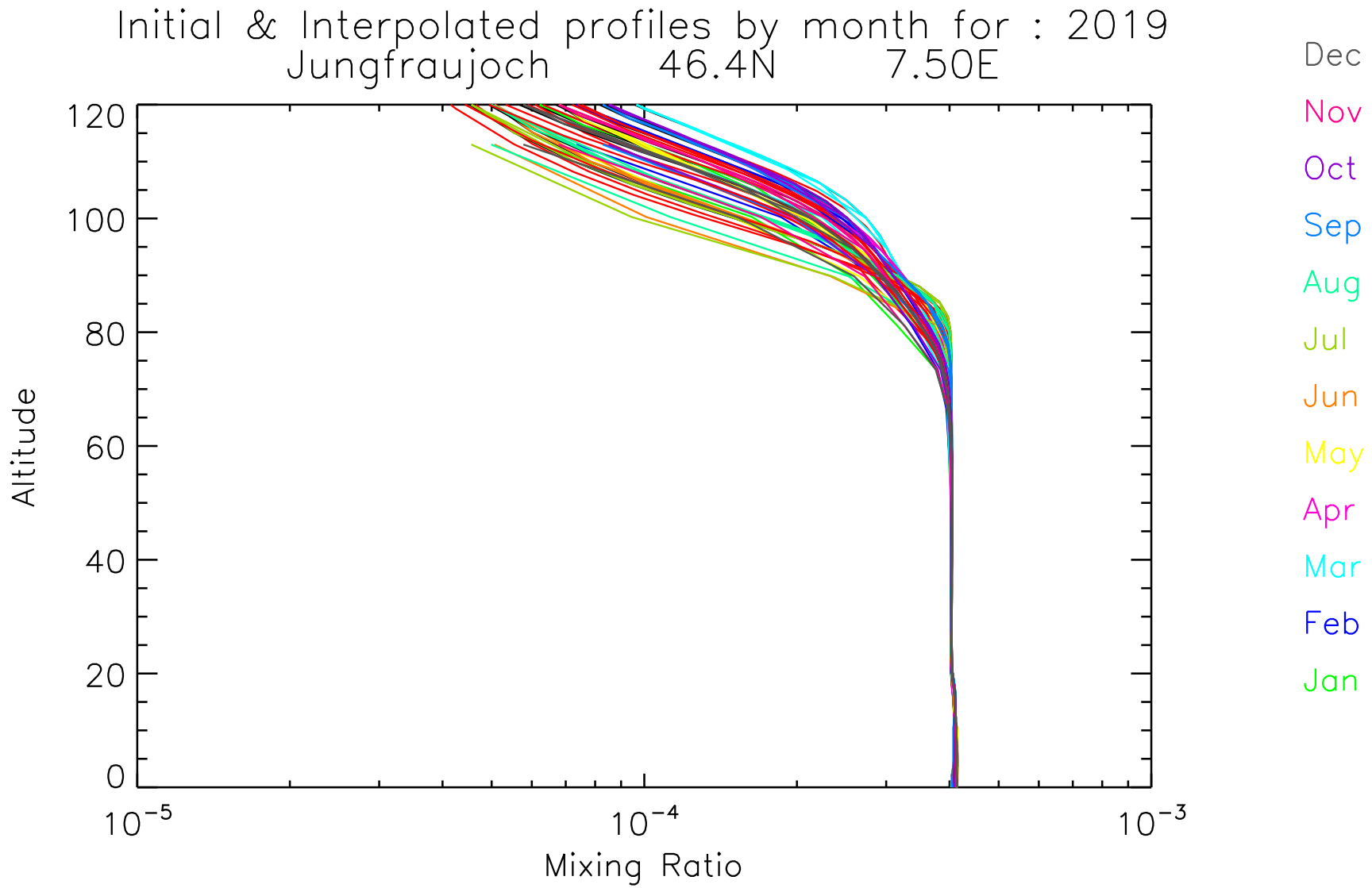
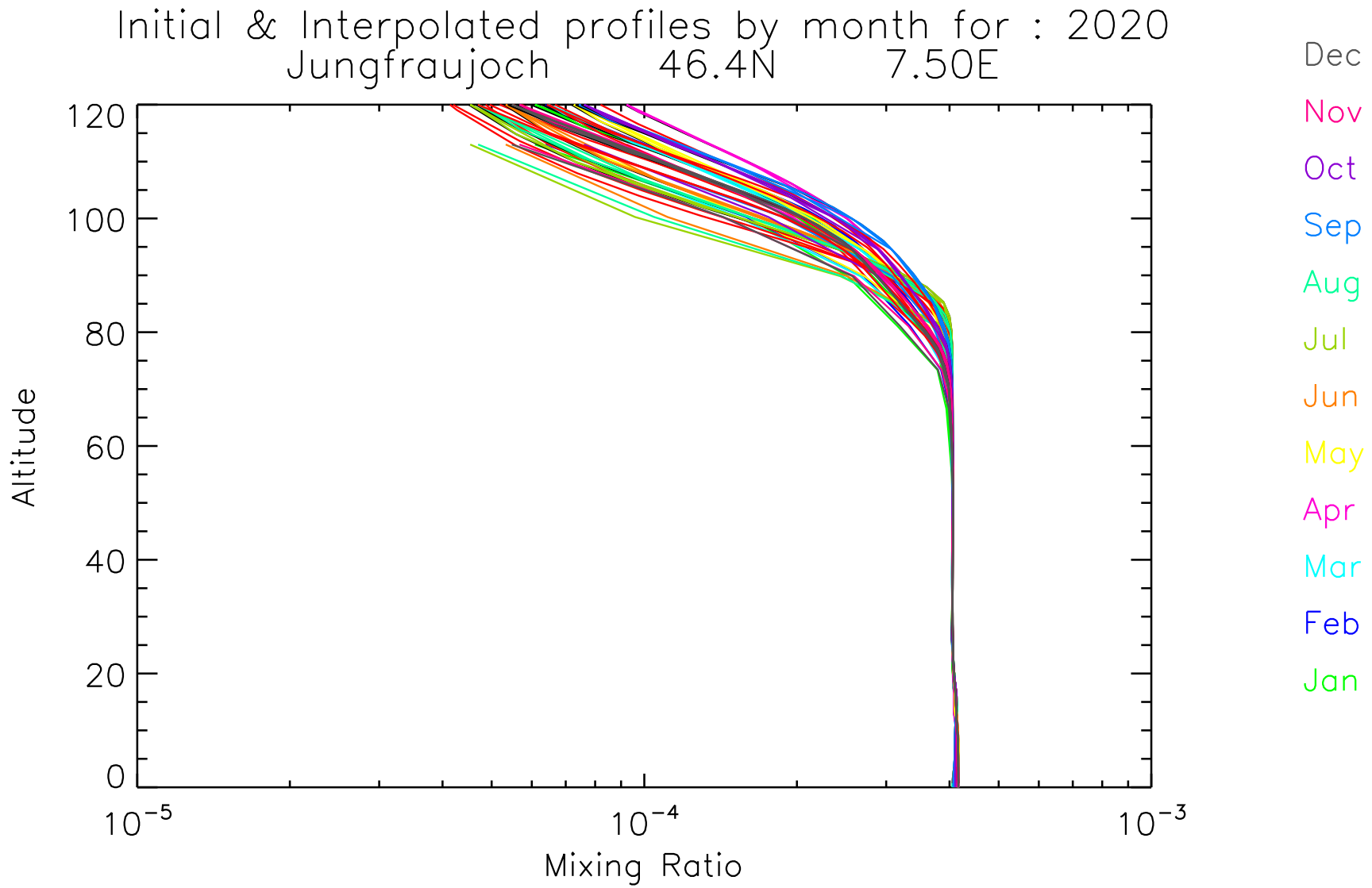
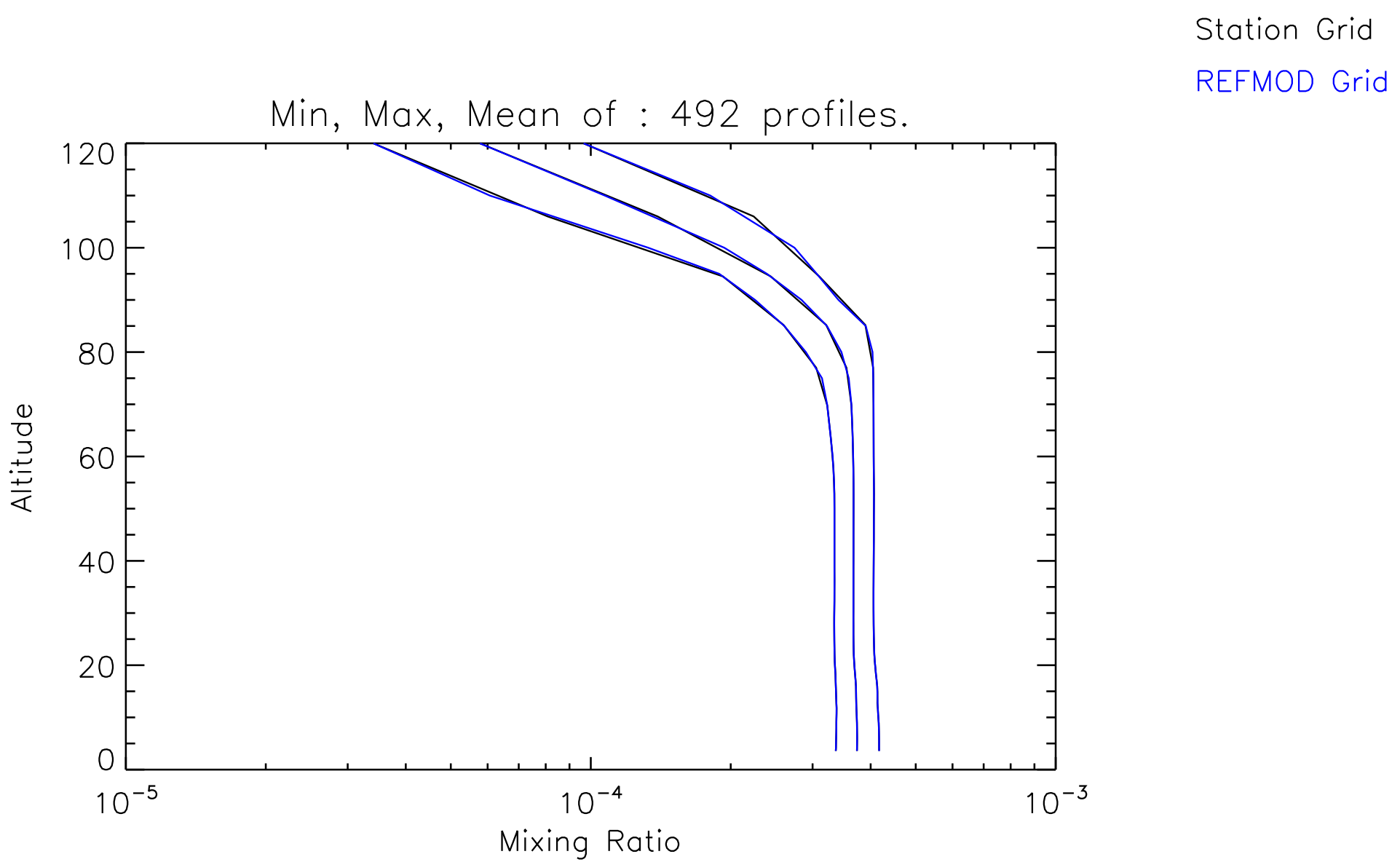
Feb
Jan

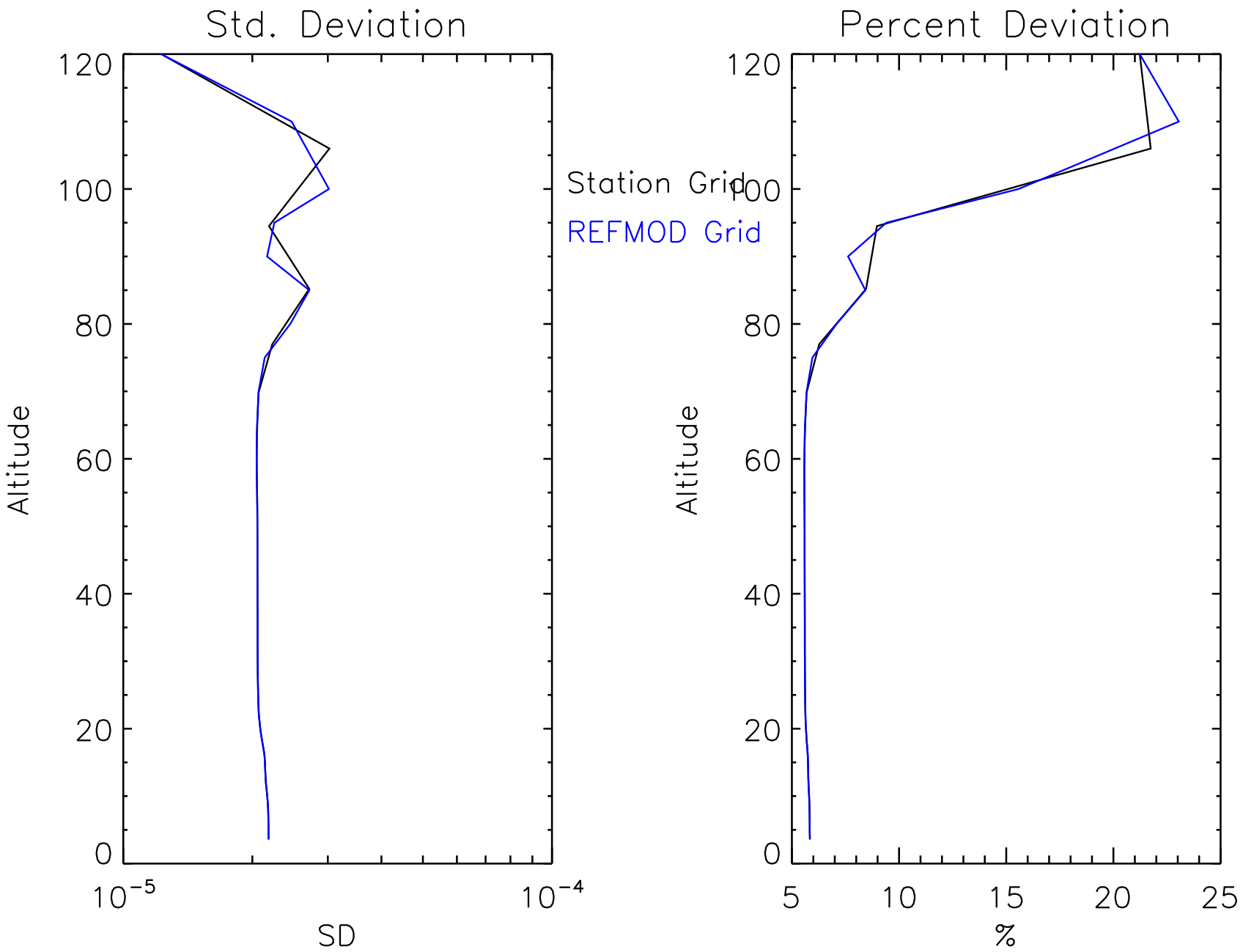

Initial & Interpolated profiles by month for : 2016
Jungfraujoch 46.4N 7.50E
Altitude
120
100
80
60
40
20
0
10^{-5}
10^{-4}
10^{-3}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

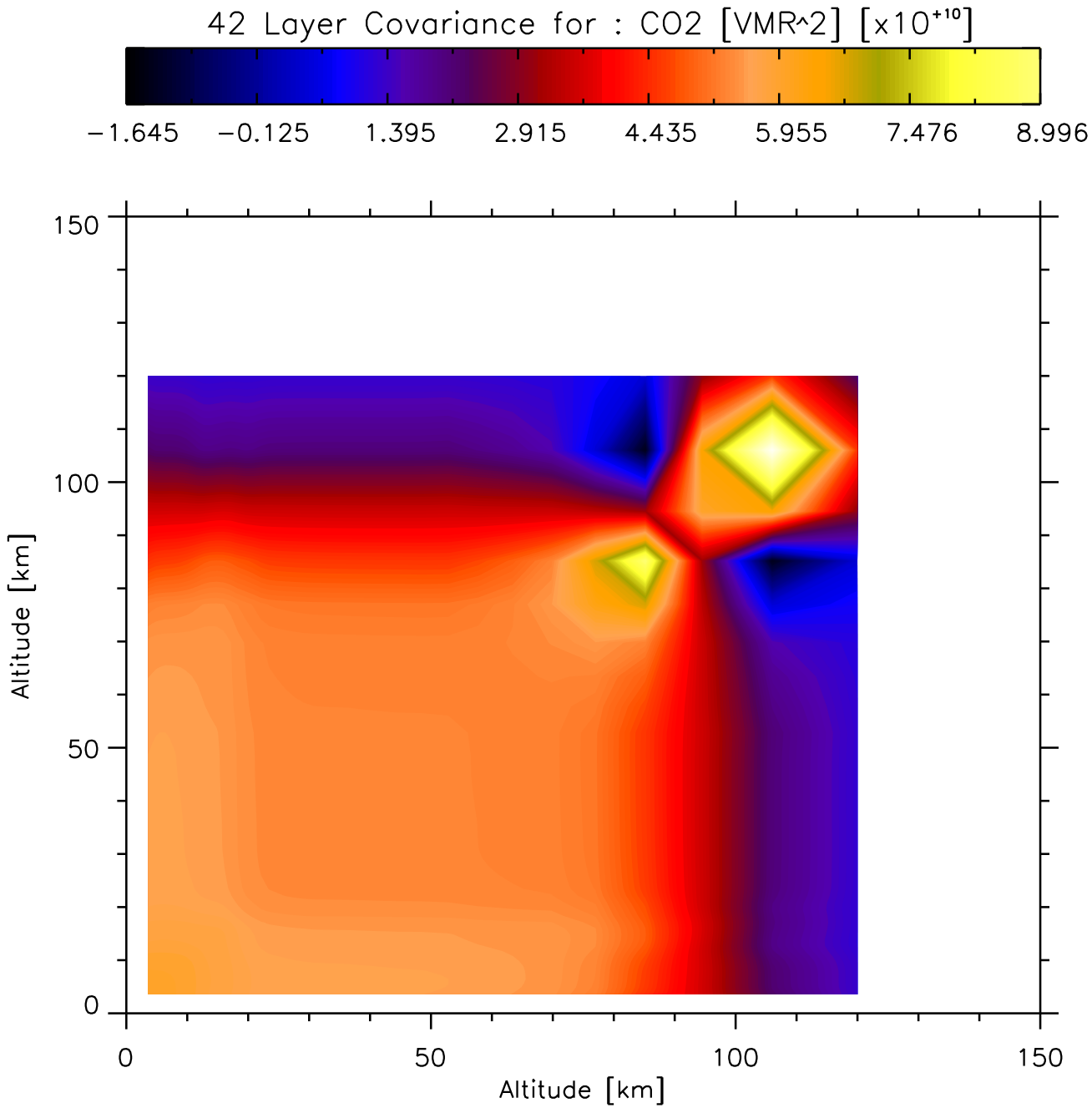

Initial & Interpolated profiles by month for : 2018
Jungfraujoch 46.4N 7.50E
Altitude
120
100
80
60
40
20
0
10^{-5}
10^{-4}
10^{-3}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

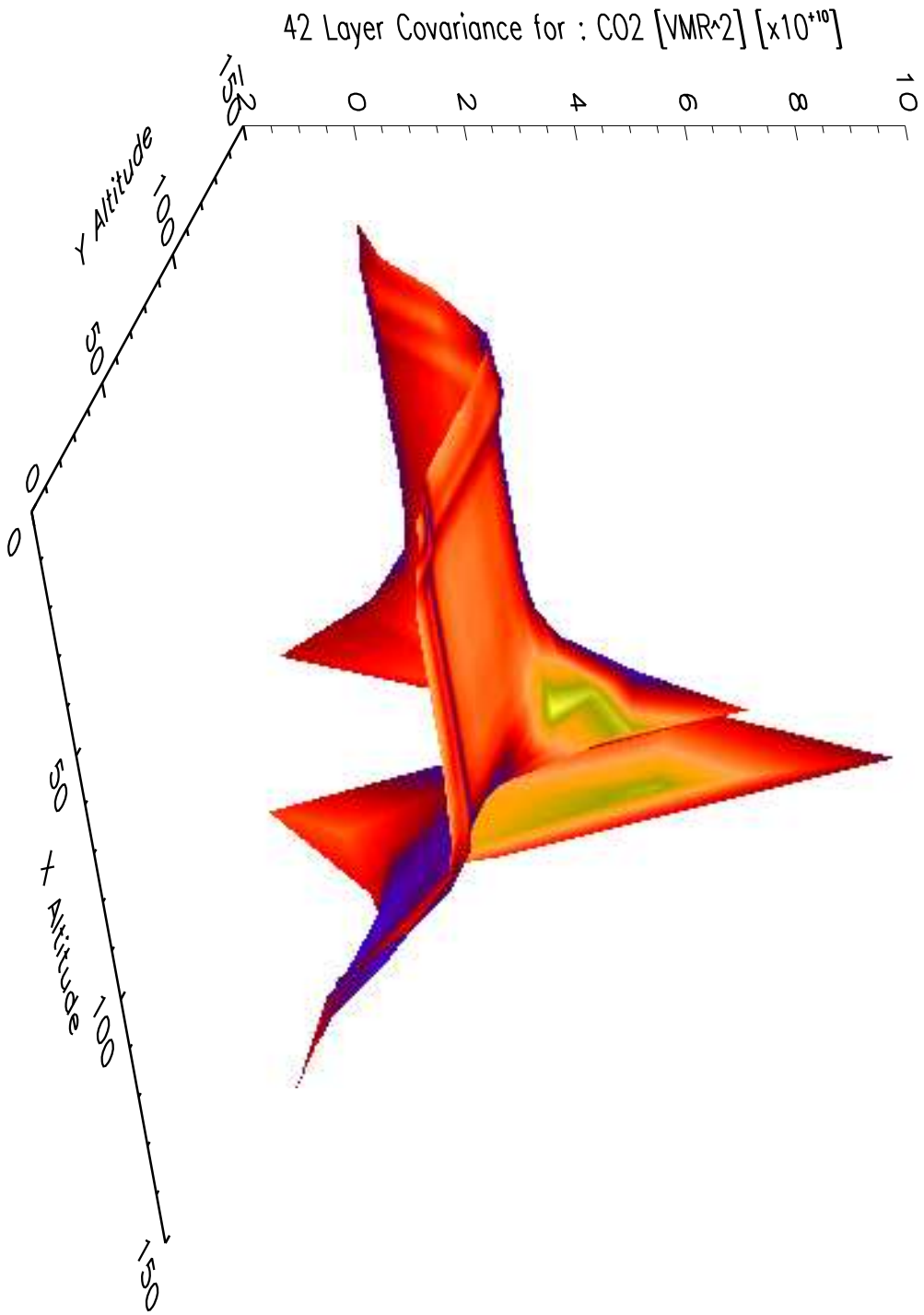

Initial & Interpolated profiles by month for : 2019
Jungfraujoch 46.4N 7.50E
Altitude
120
100
80
60
40
20
0
10^{-5}
10^{-4}
10^{-3}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

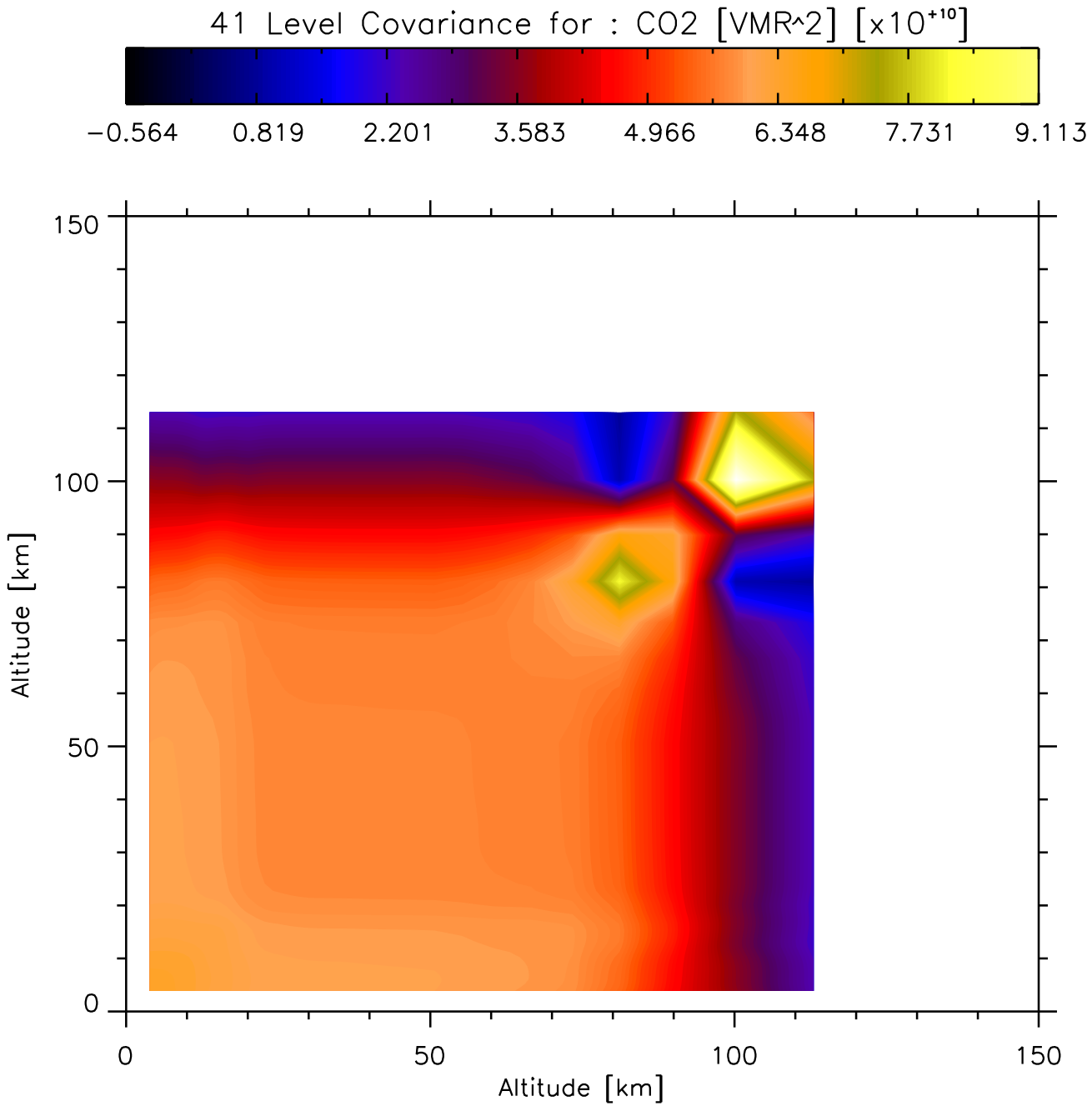

Initial & Interpolated profiles by month for : 2020
Jungfraujoch 46.4N 7.50E
Altitude
120
100
80
60
40
20
0
10^{-5}
10^{-4}
10^{-3}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

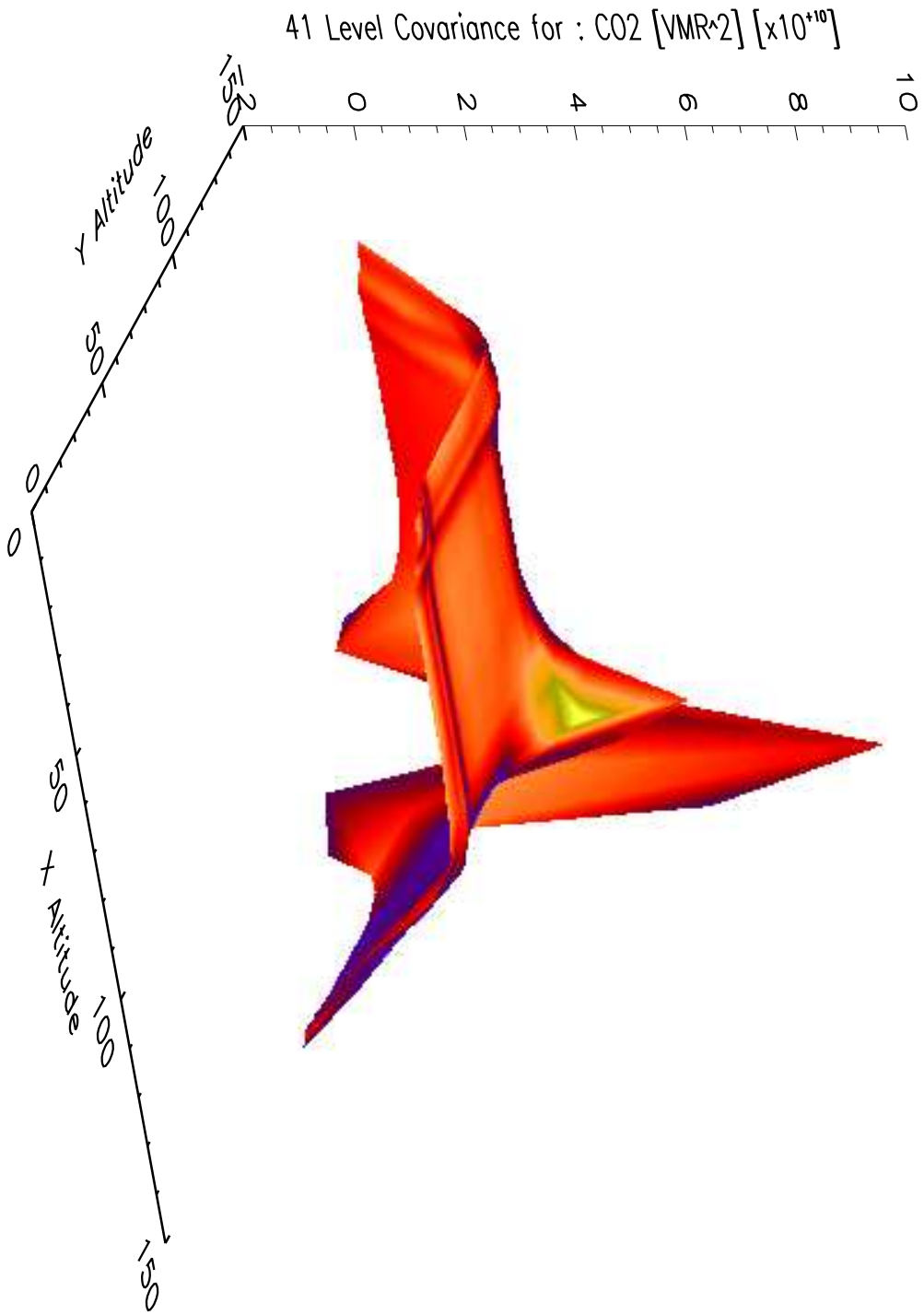

Station Grid
REFMOD Grid
Min, Max, Mean of : 492 profiles.
120
100
80
60
40
20
0
Altitude
10^{-5}
10^{-4}
10^{-3}
Mixing Ratio


Std. Deviation
Percent Deviation
Station Grid
REFMOD Grid
Altitude
Altitude
120
100
80
60
40
20
0
10^{-5}
10^{-4}
SD
5
10
15
20
25
%


42 Layer Covariance for : CO2 [VMR^2] [x10^+10]
−1.645
−0.125
1.395
2.915
4.435
5.955
7.476
8.996
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


42 Layer Covariance for : CO2 [VMR^2] [x10^+10]
-150
0
2
4
6
8
10
Y Altitude
100
50
0
0
50
X Altitude
100
150


41 Level Covariance for : CO2 [VMR^2] [x10^+10]
−0.564
0.819
2.201
3.583
4.966
6.348
7.731
9.113
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


41 Level Covariance for : CO2 [VMR^2] [x10^+10]
0
2
4
6
8
10
Y Altitude
0
50
100
150
X Altitude
0
50
100
150