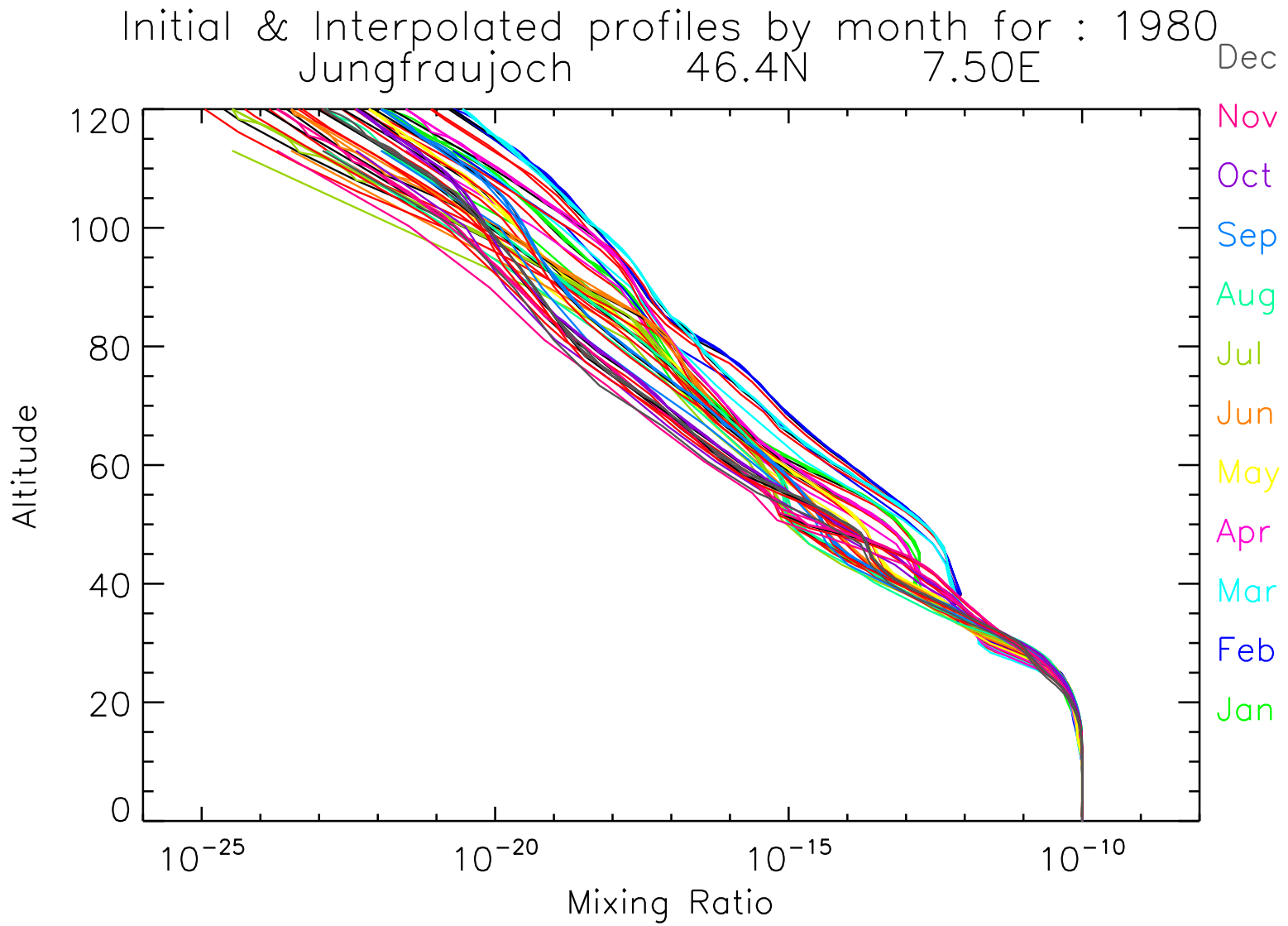
Initial & Interpolated profiles by month for : 1980
Jungfraujoch 46.4N 7.50E
Dec
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0
Altitude
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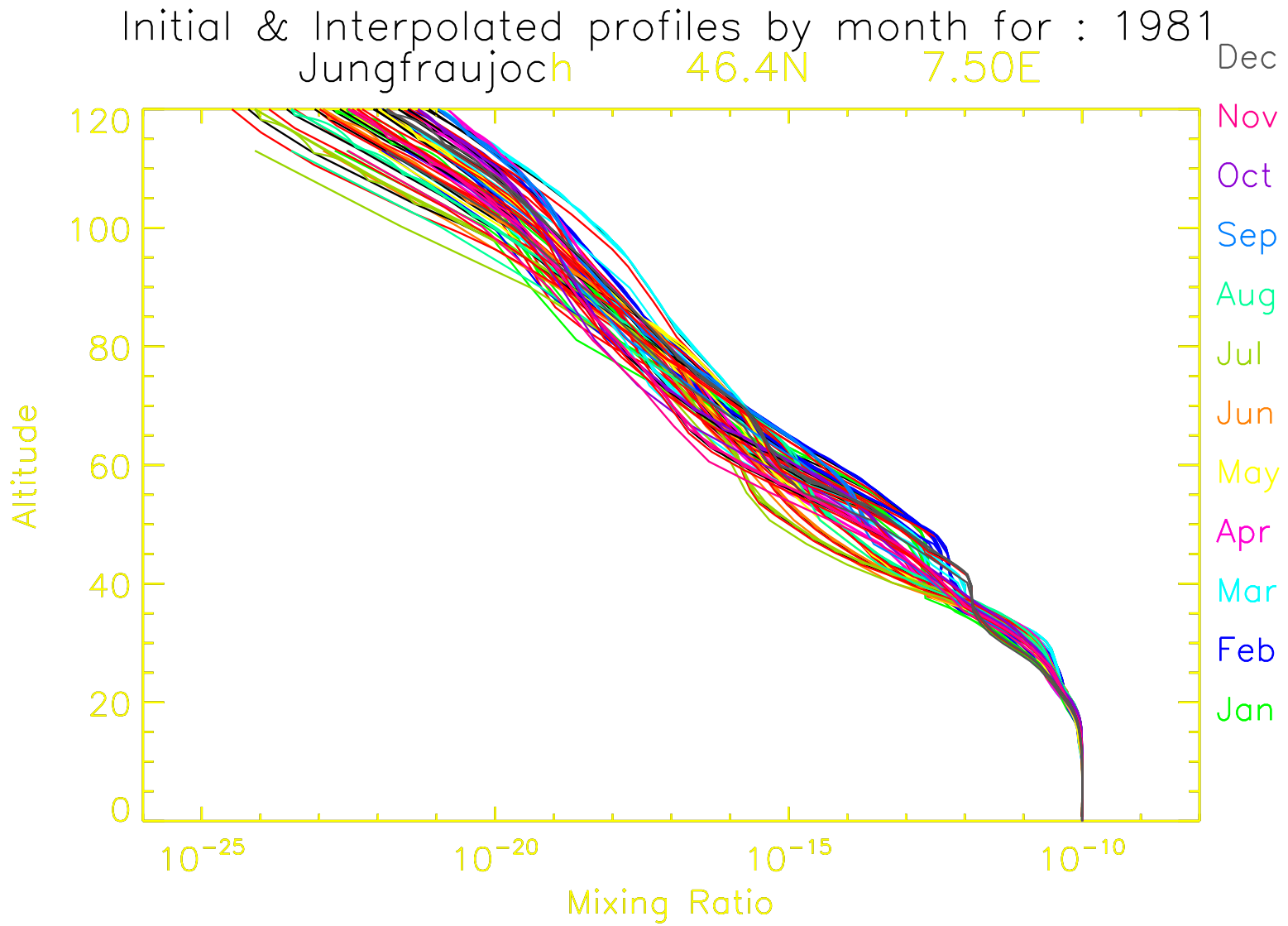
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1981
Jungfraujoch 46.4N 7.50E
Dec
Nov
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0
Altitude
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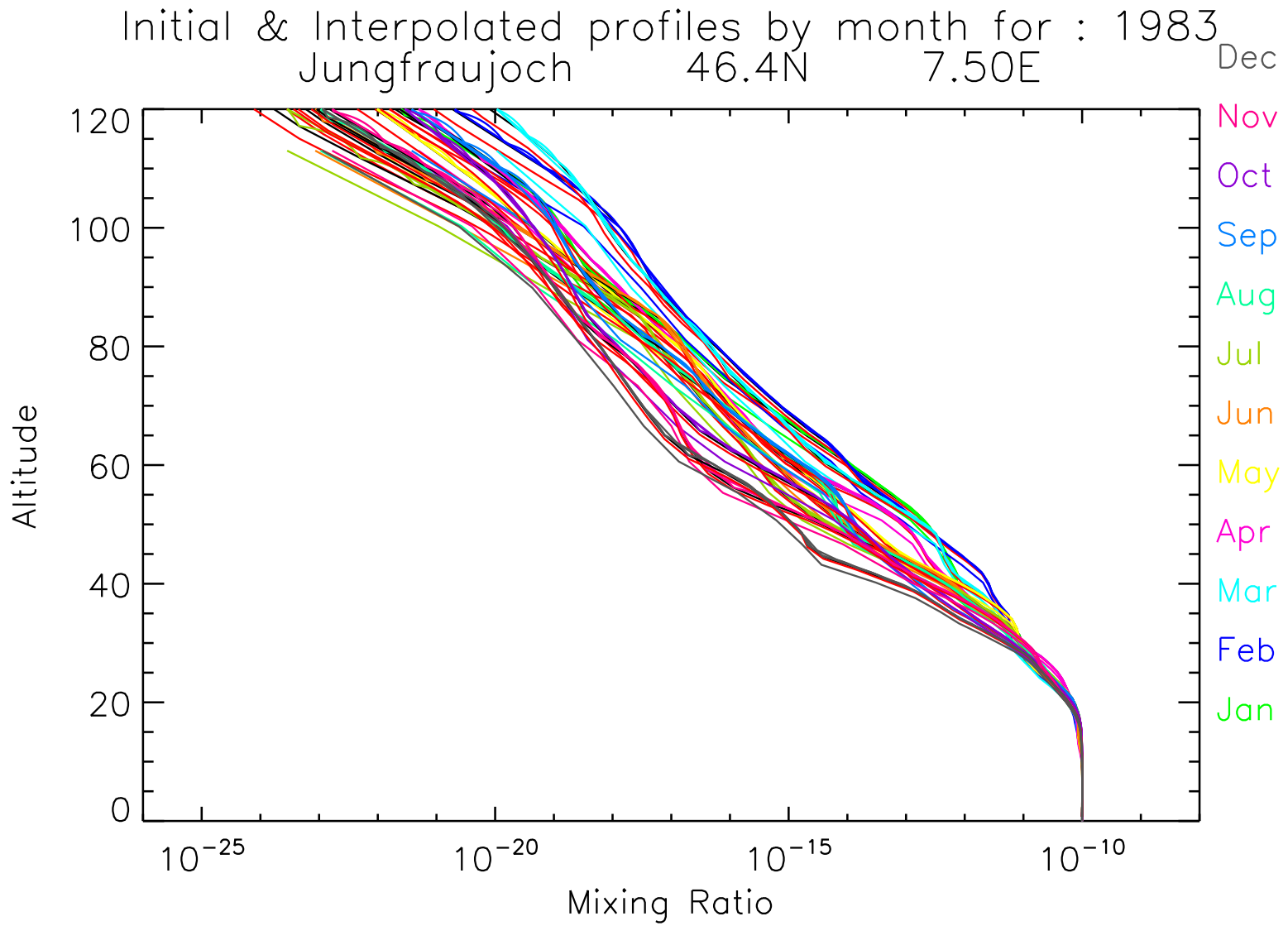
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1983
Jungfraujoch 46.4N 7.50E
Dec
Nov
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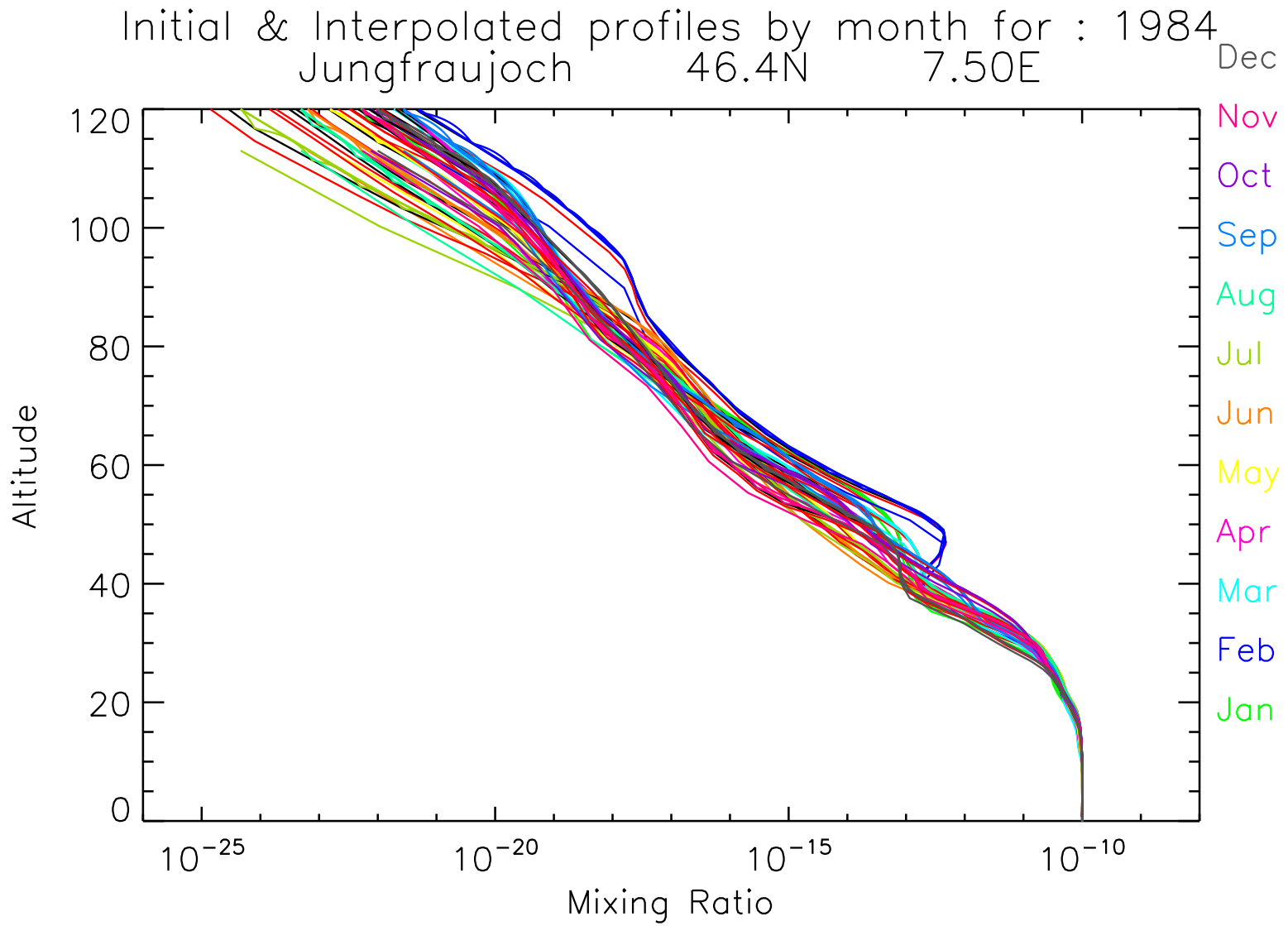
Altitude
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1984
Jungfraujoch 46.4N 7.50E
Dec
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Altitude
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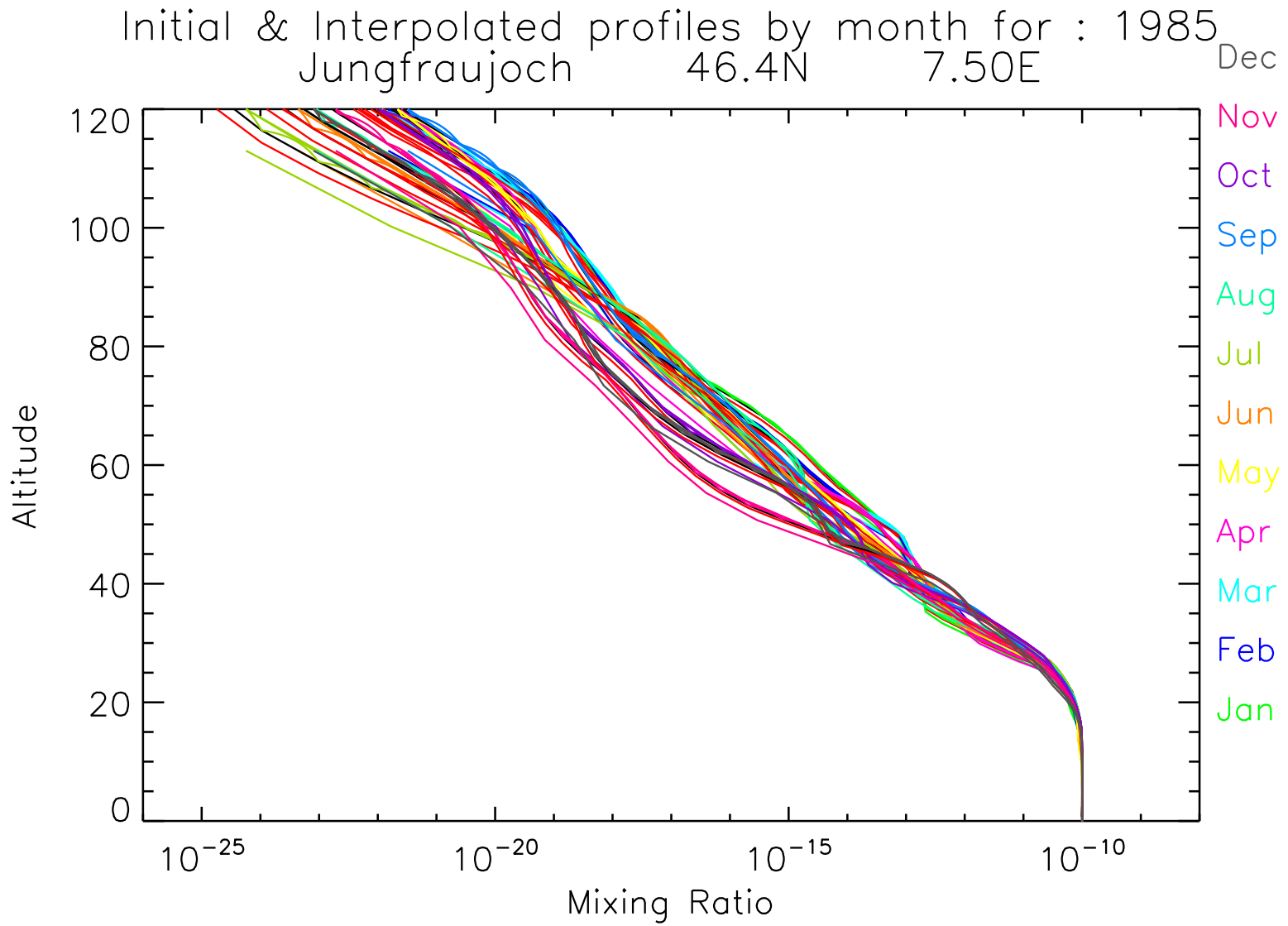
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1985
Jungfraujoch 46.4N 7.50E
Dec
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Altitude
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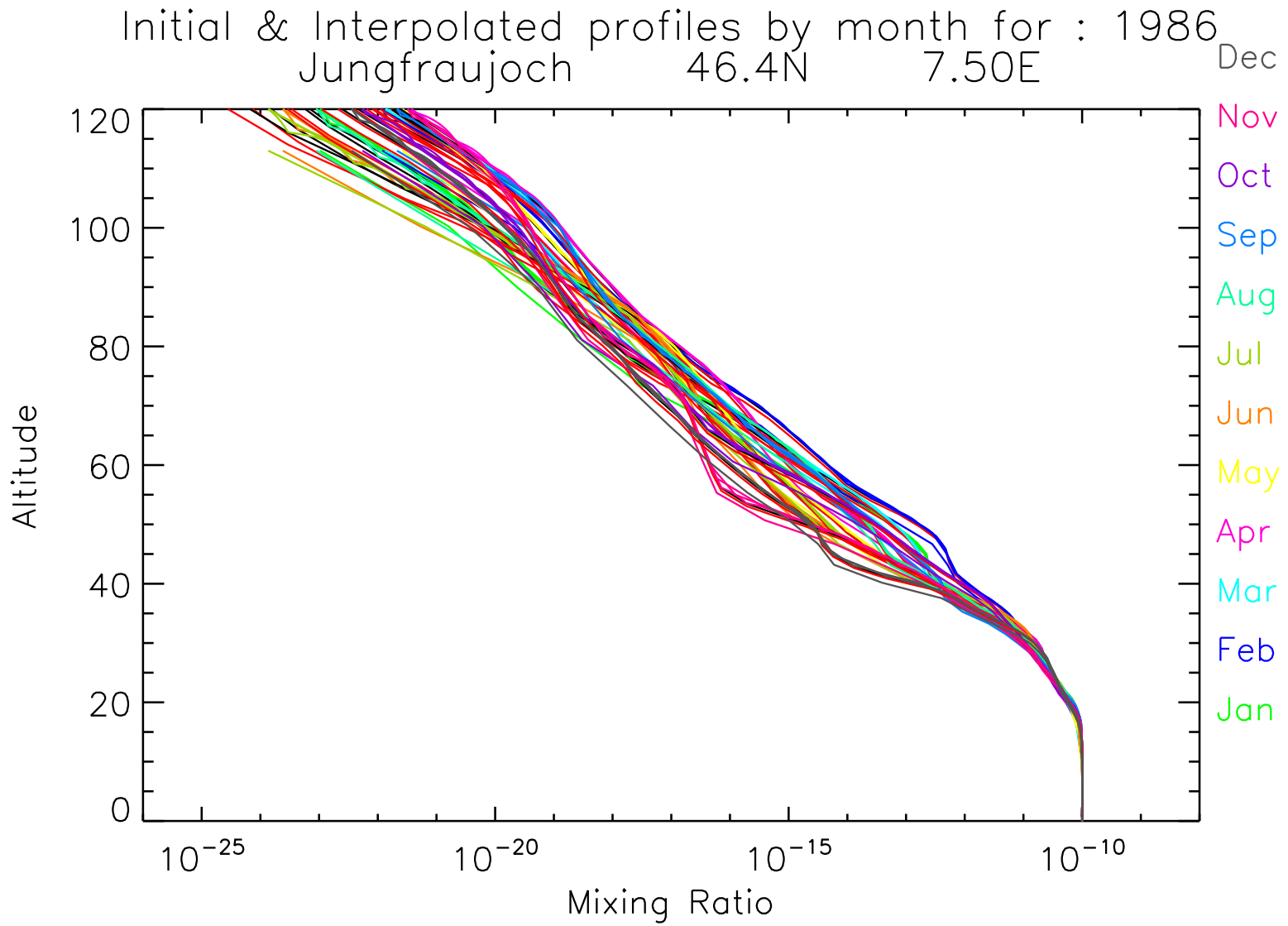
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1986
Jungfraujoch 46.4N 7.50E
Dec
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Altitude
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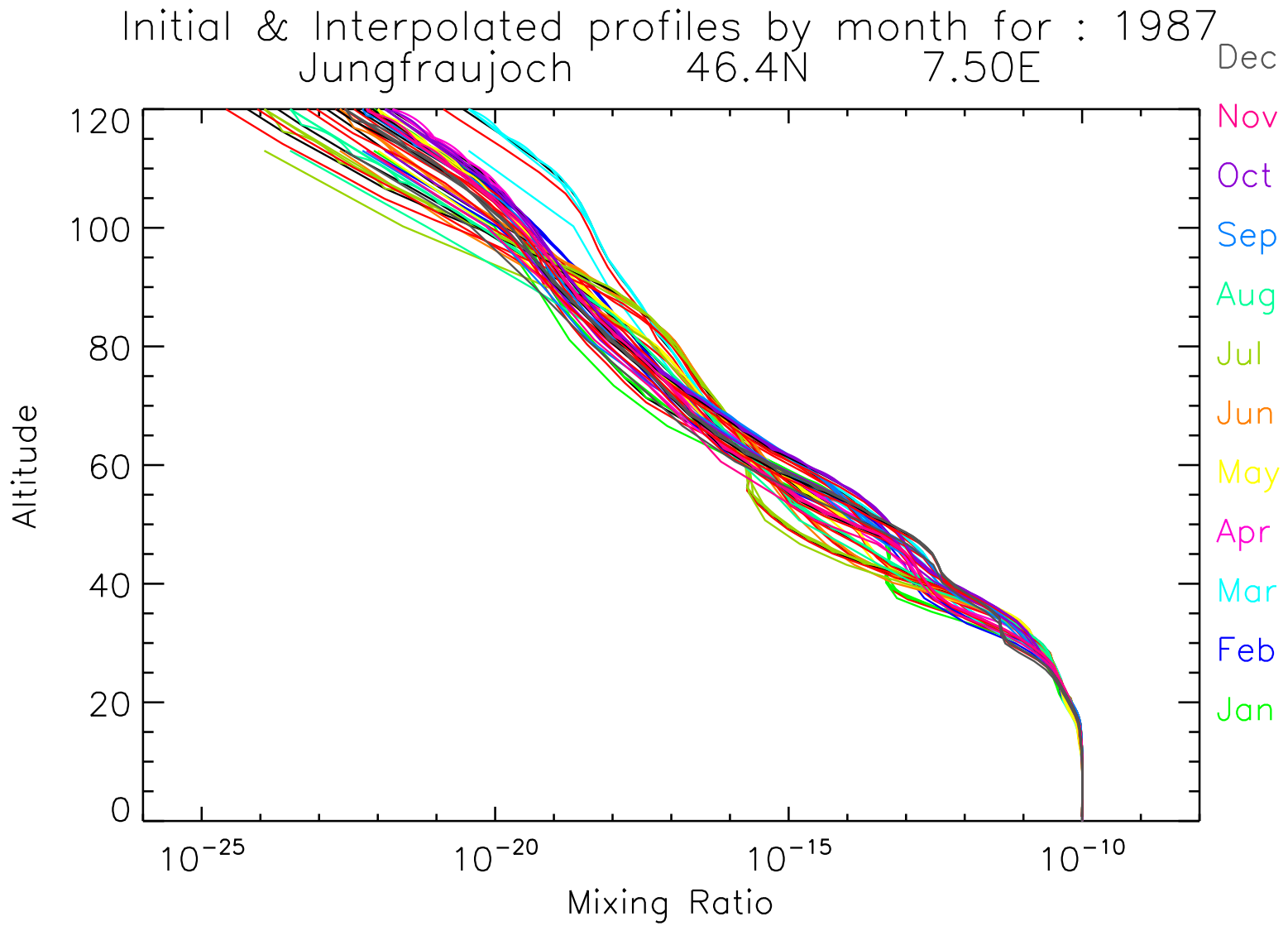
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1987
Jungfraujoch 46.4N 7.50E
Dec
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Altitude
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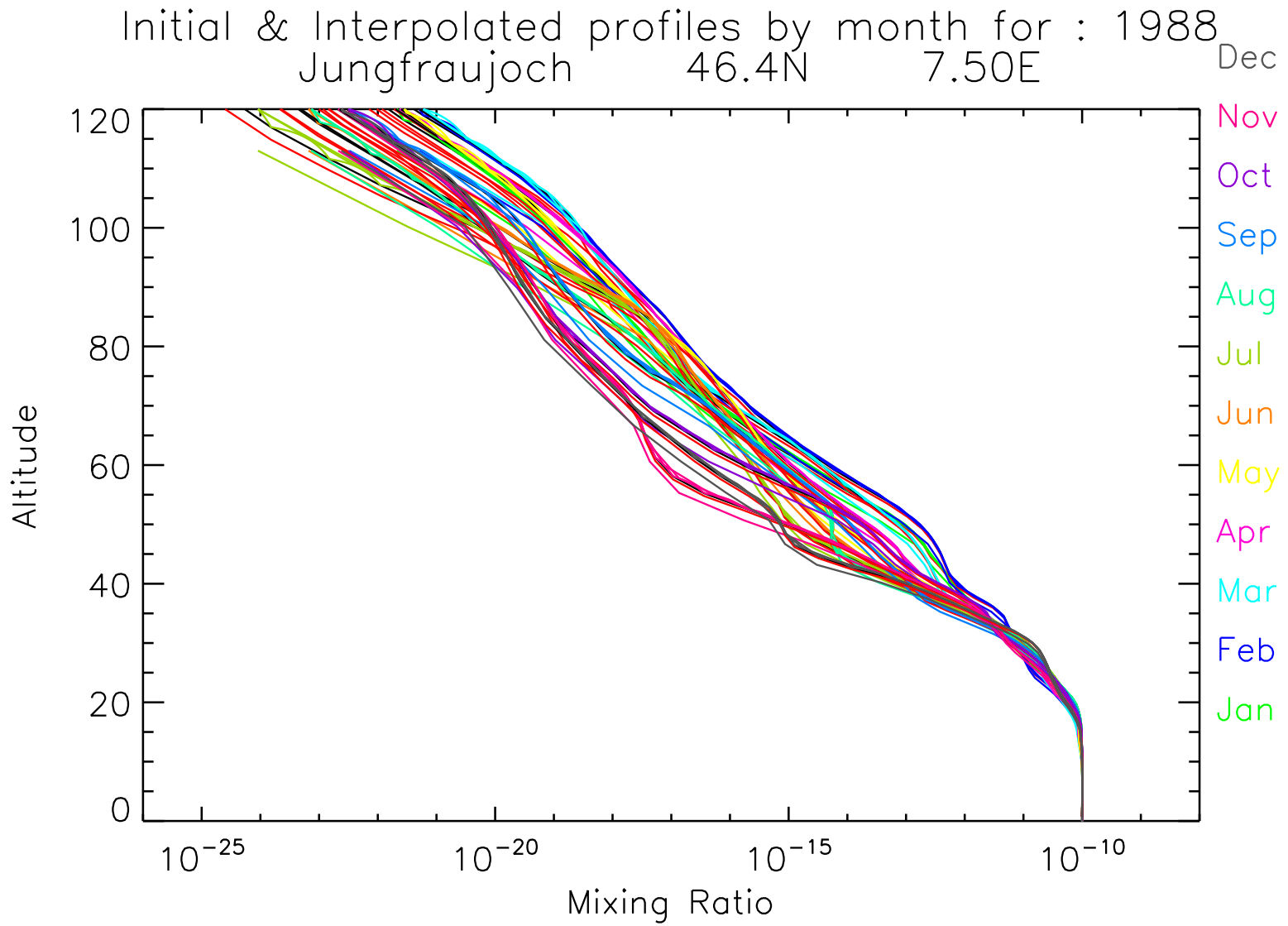
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1988
Jungfraujoch 46.4N 7.50E
Dec
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Altitude
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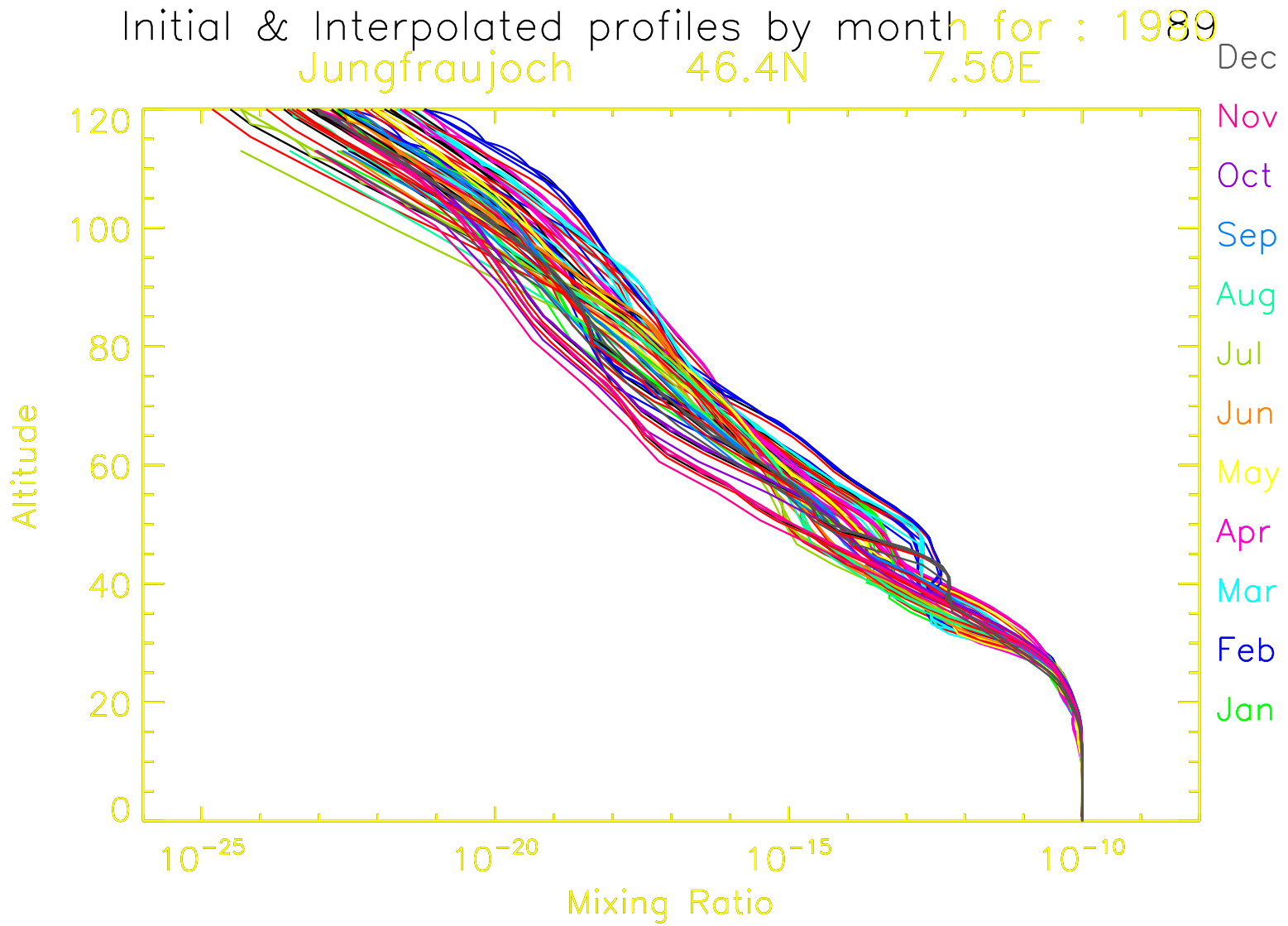
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1989
Jungfraujoch 46.4N 7.50E
Dec
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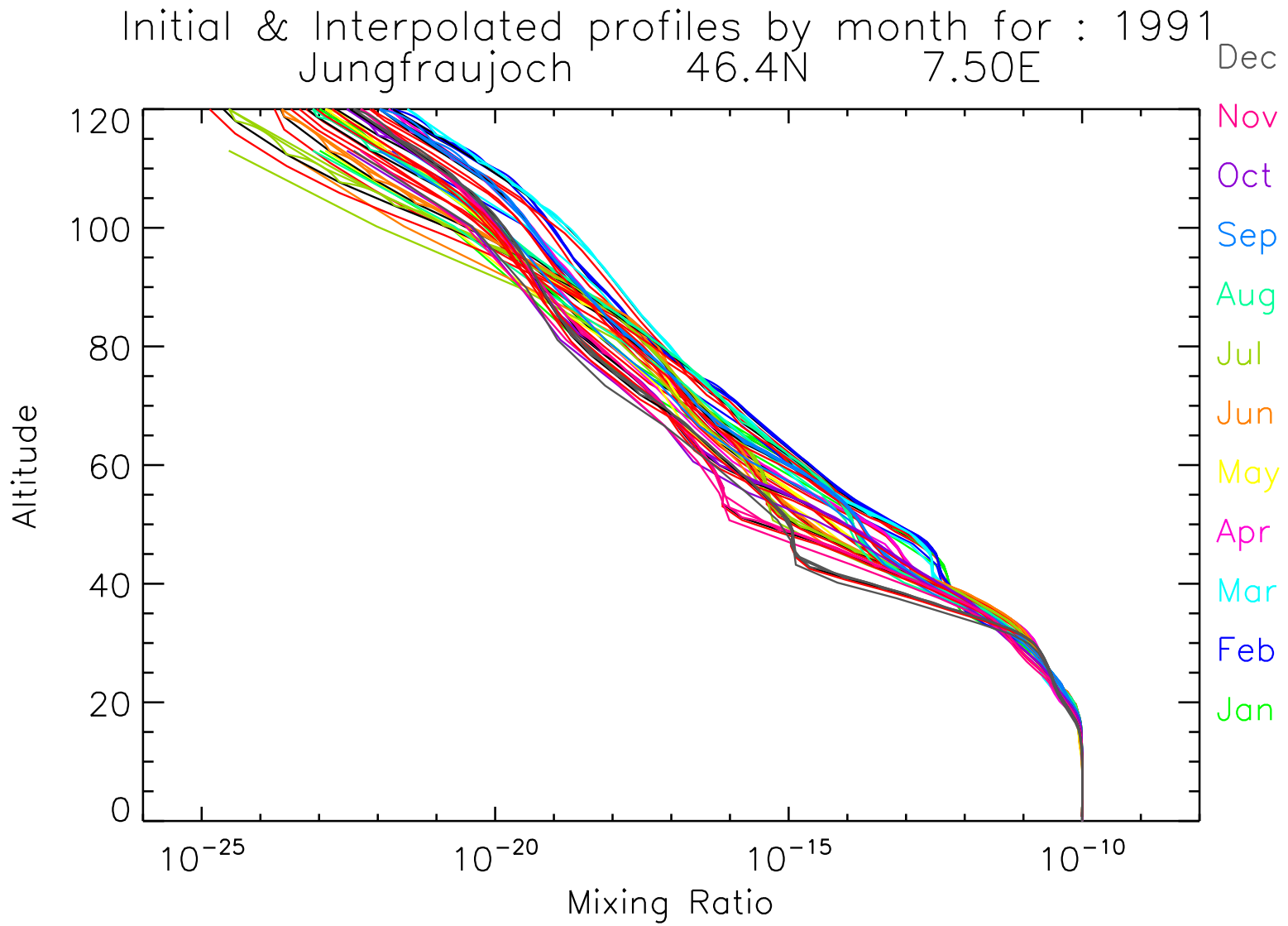
Mixing Ratio


Initial & Interpolated profiles by month for : 1991
Jungfraujoch 46.4N 7.50E
Dec
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Altitude
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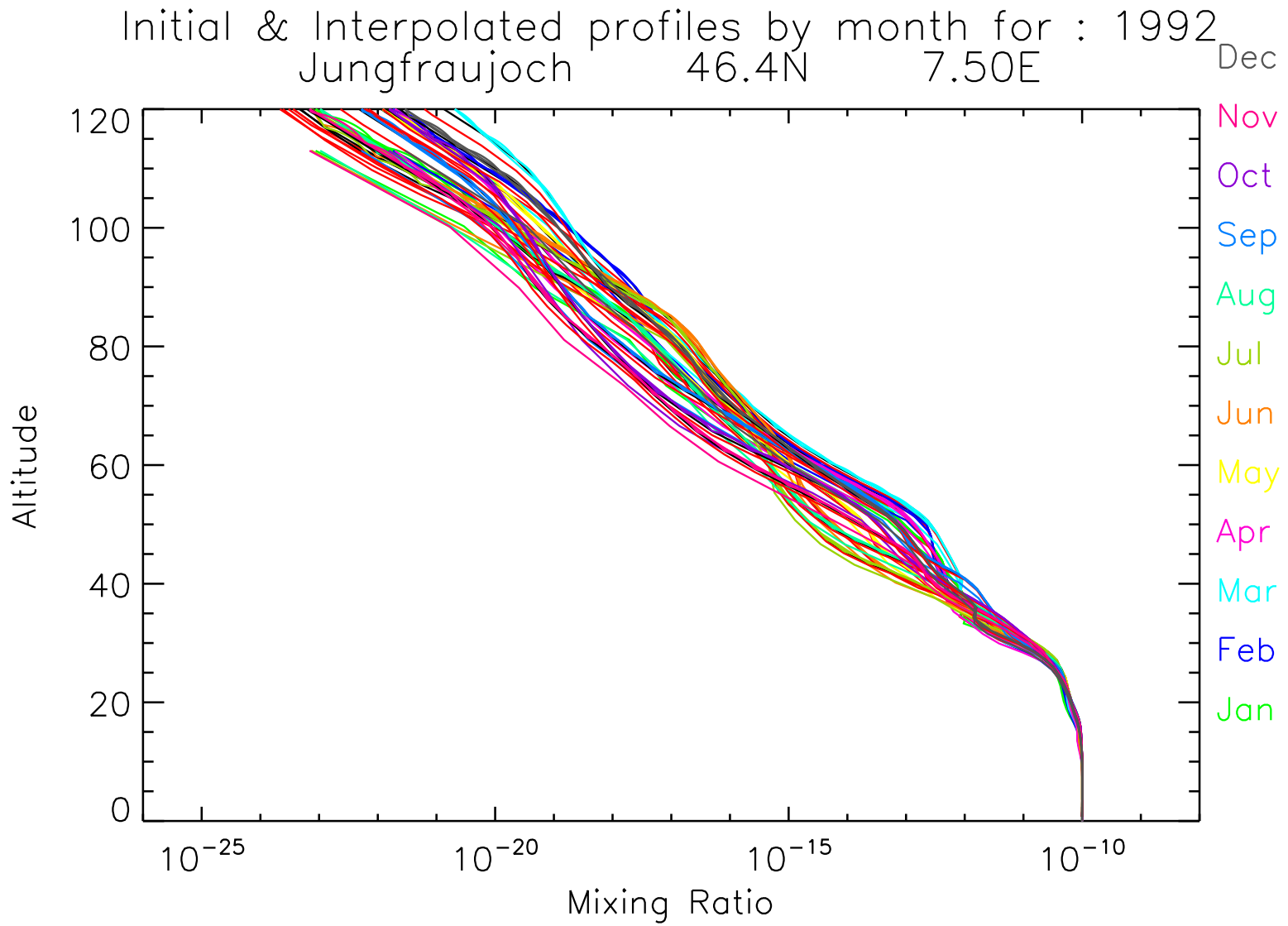
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1992
Jungfraujoch 46.4N 7.50E
Dec
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Altitude
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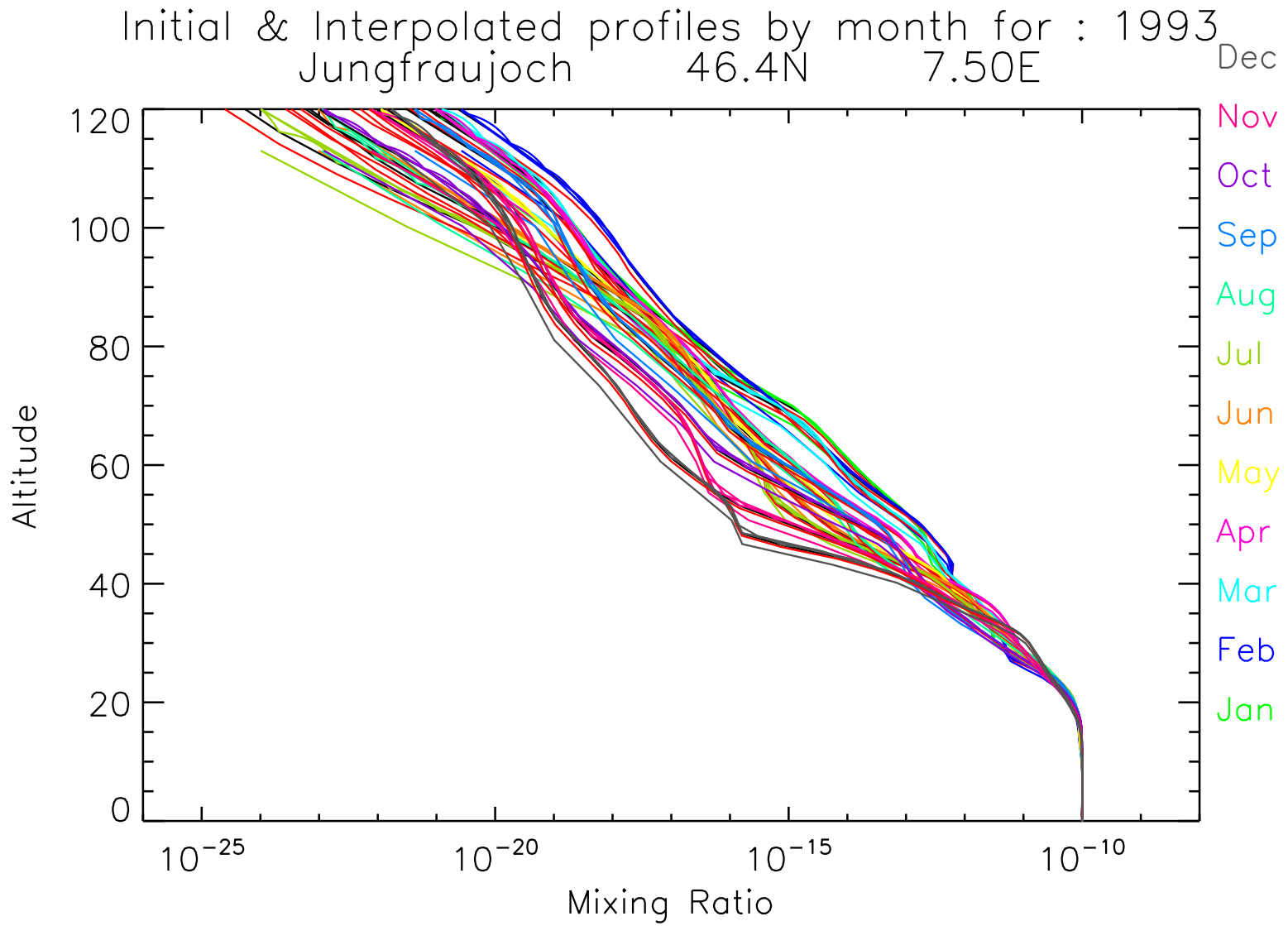
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1993
Jungfraujoch 46.4N 7.50E
Dec
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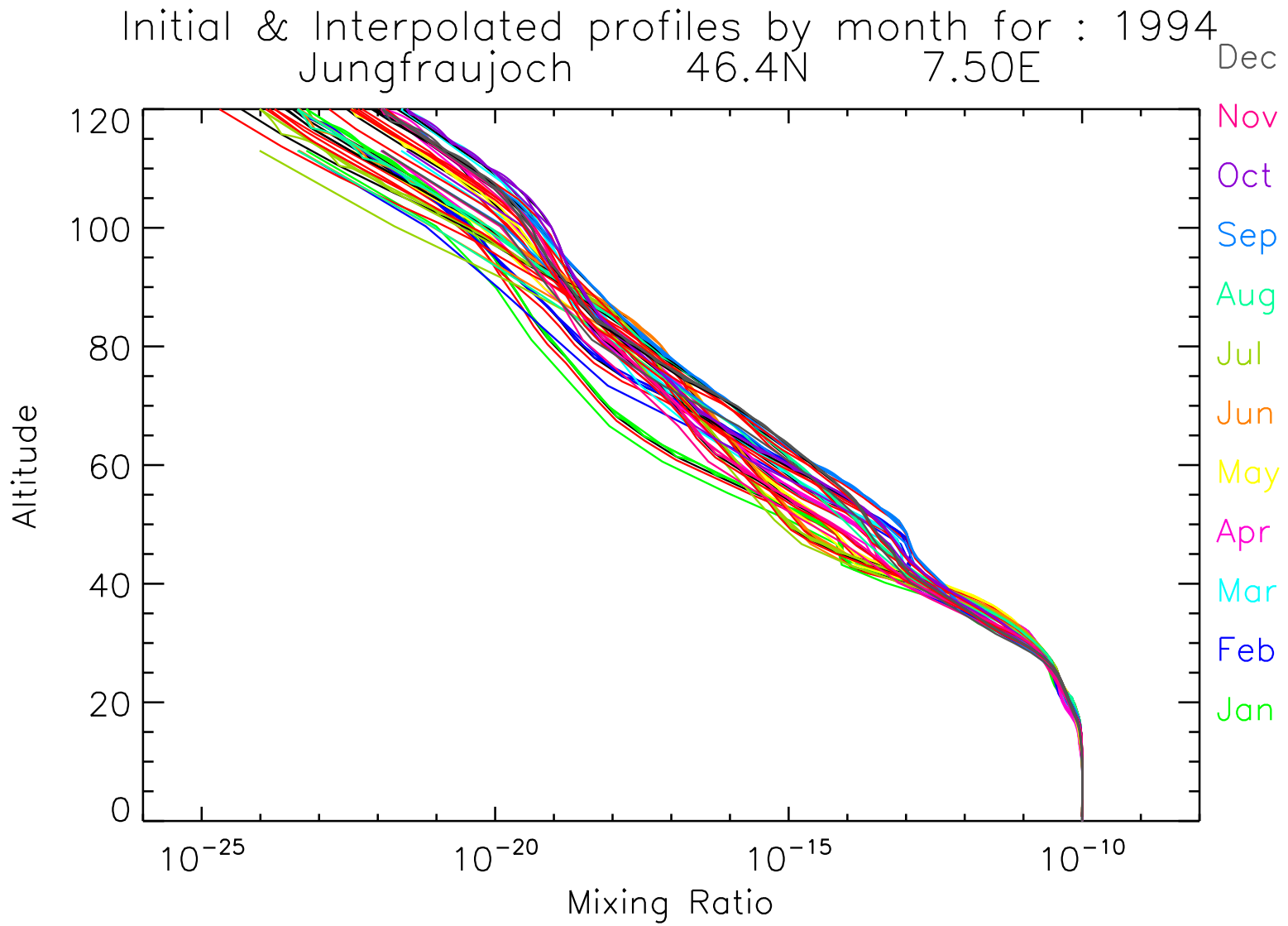
Mixing Ratio


Initial & Interpolated profiles by month for : 1994
Jungfraujoch 46.4N 7.50E
Dec
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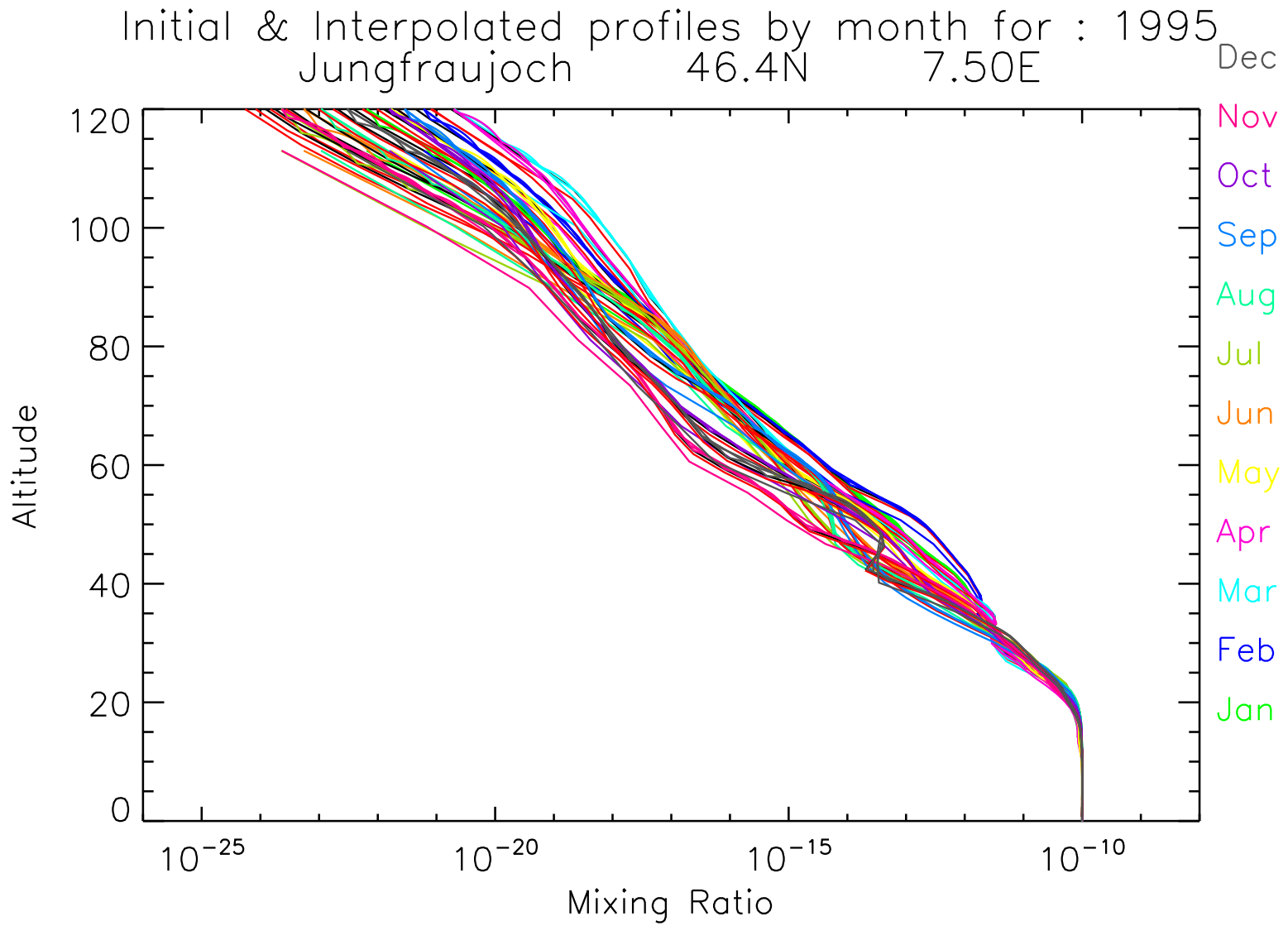
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1995
Jungfraujoch 46.4N 7.50E
Dec
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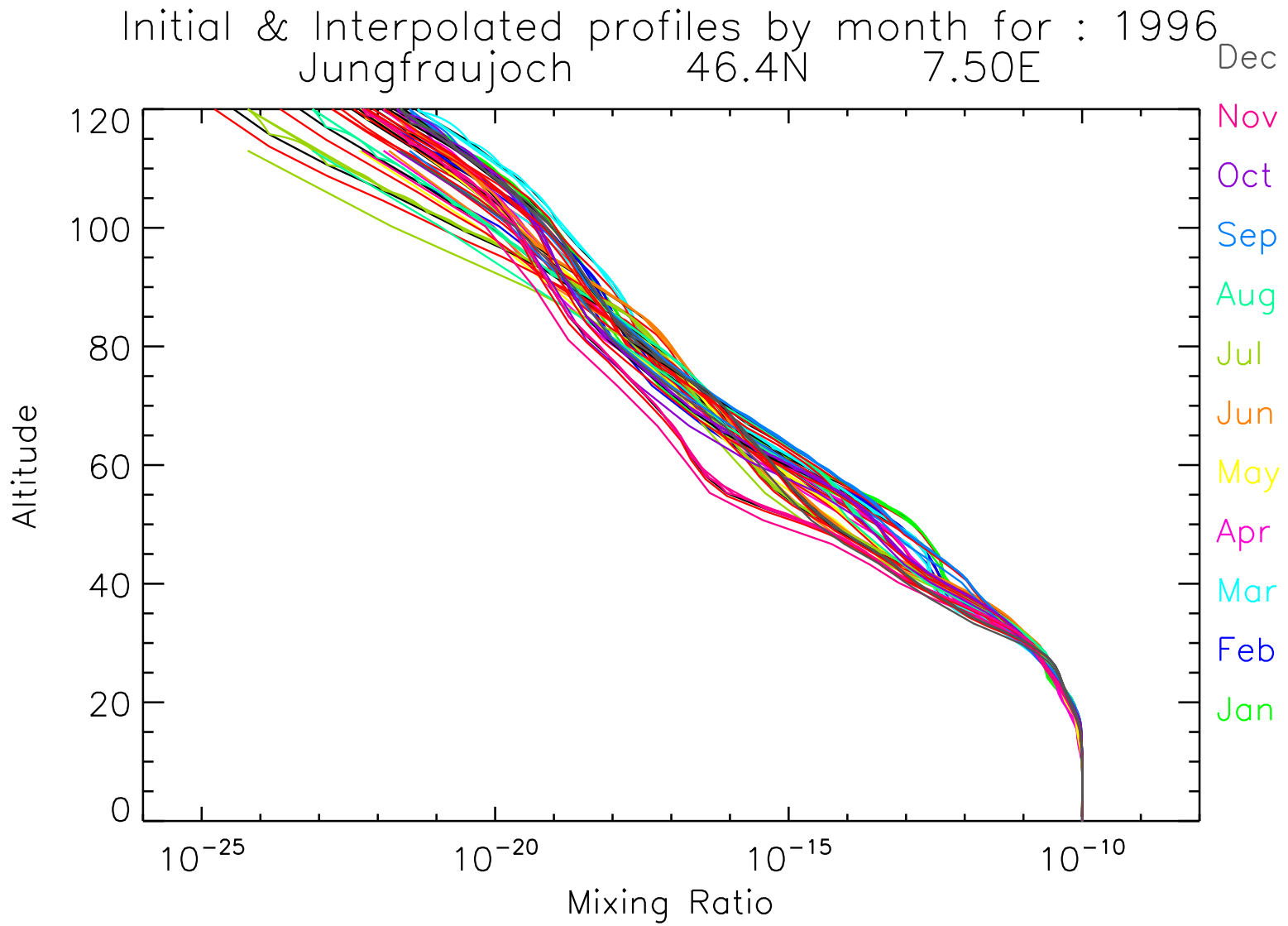
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1996
Jungfraujoch 46.4N 7.50E
Dec
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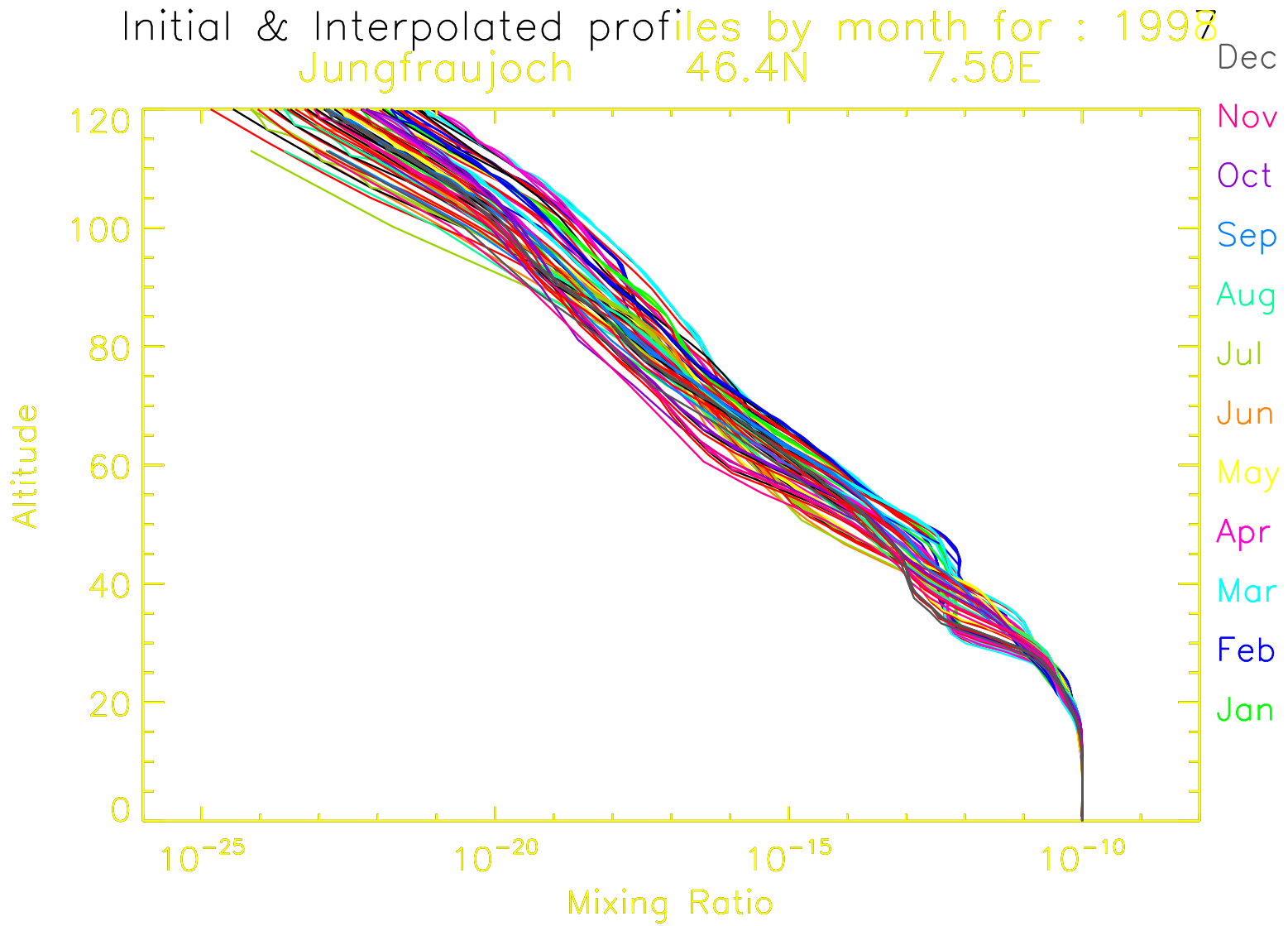
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1998
Jungfraujoch 46.4N 7.50E
Dec
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Altitude
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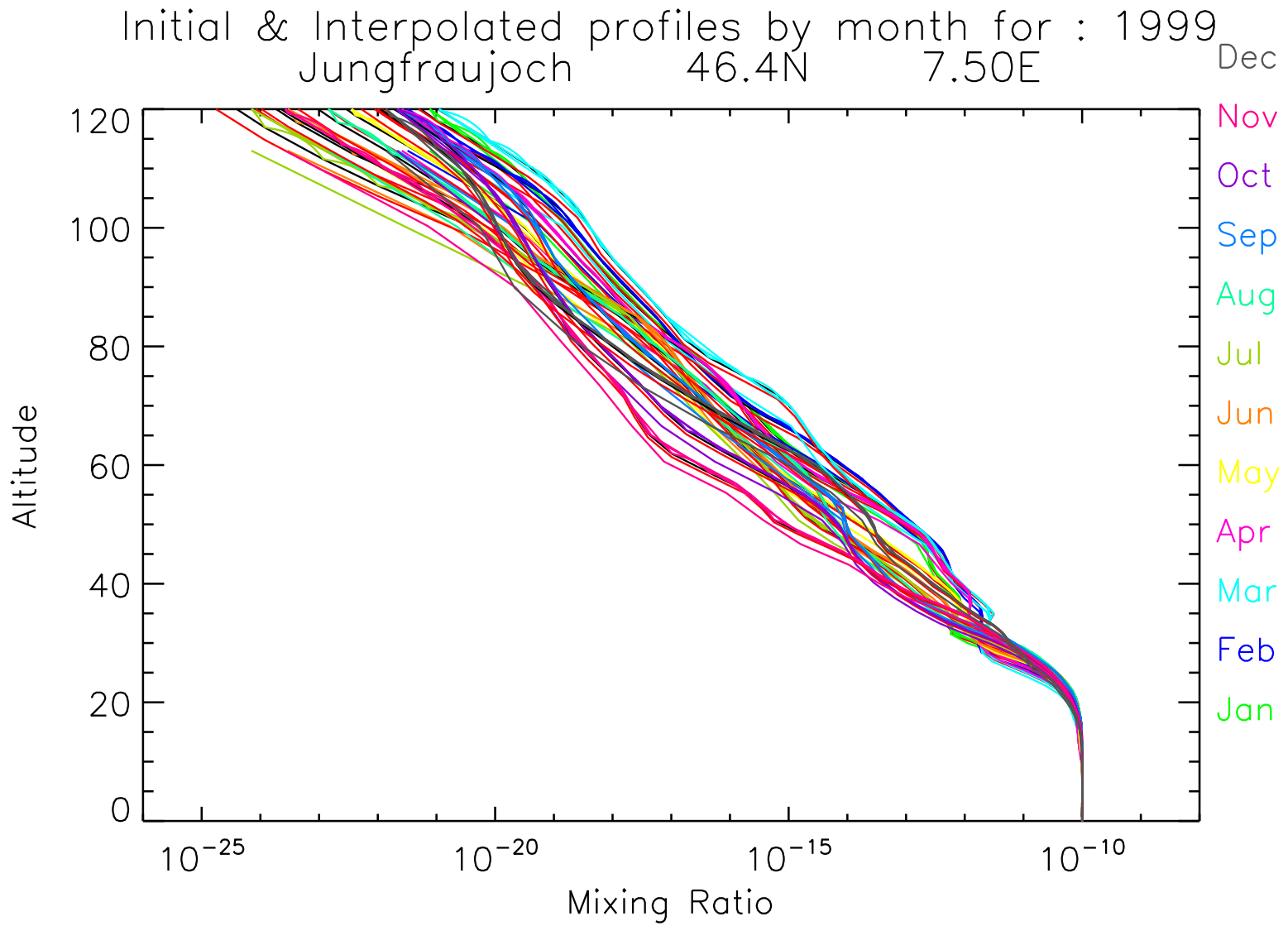
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 1999
Jungfraujoch 46.4N 7.50E
Dec
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Altitude
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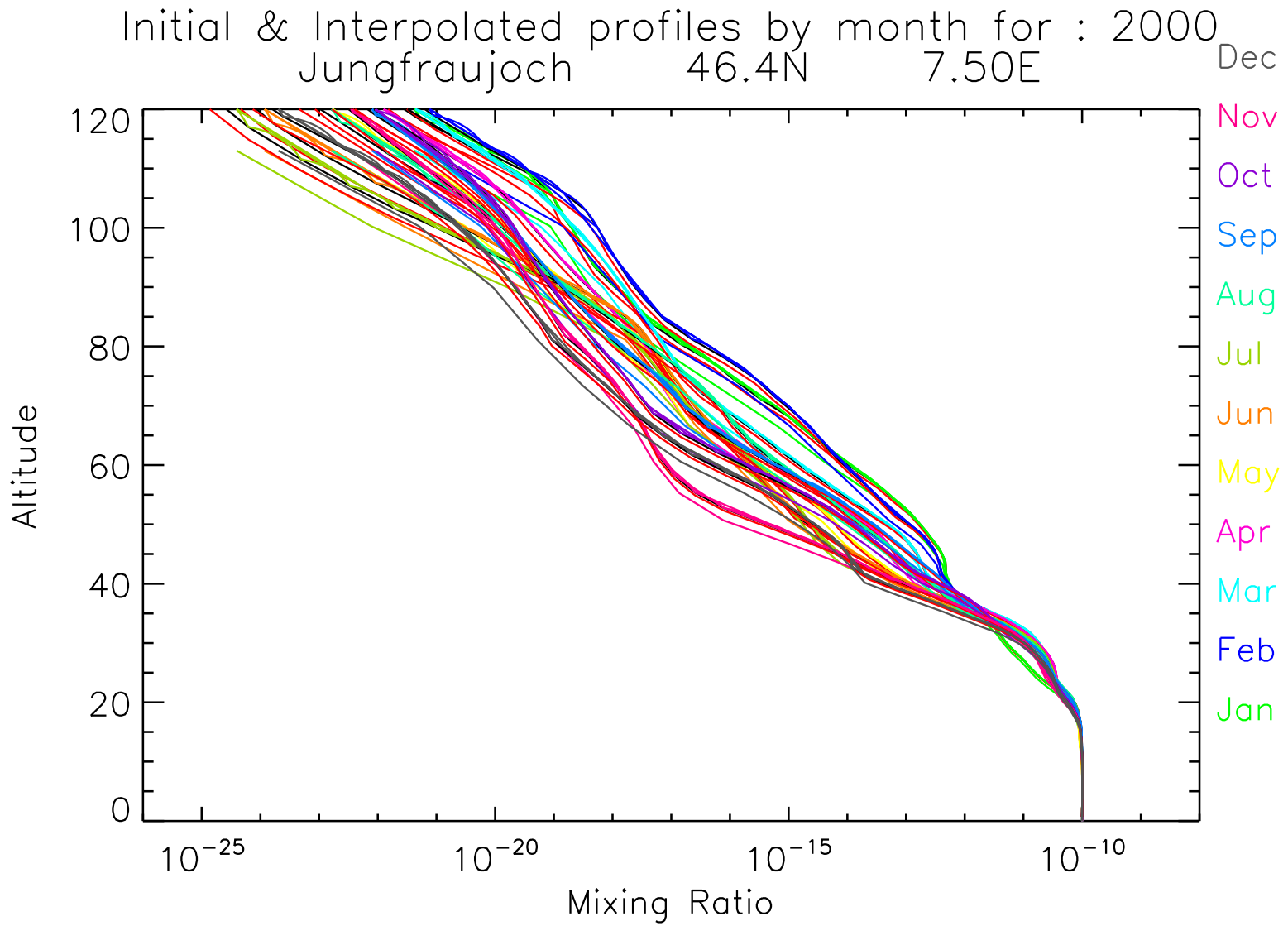
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2000
Jungfraujoch 46.4N 7.50E
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Altitude
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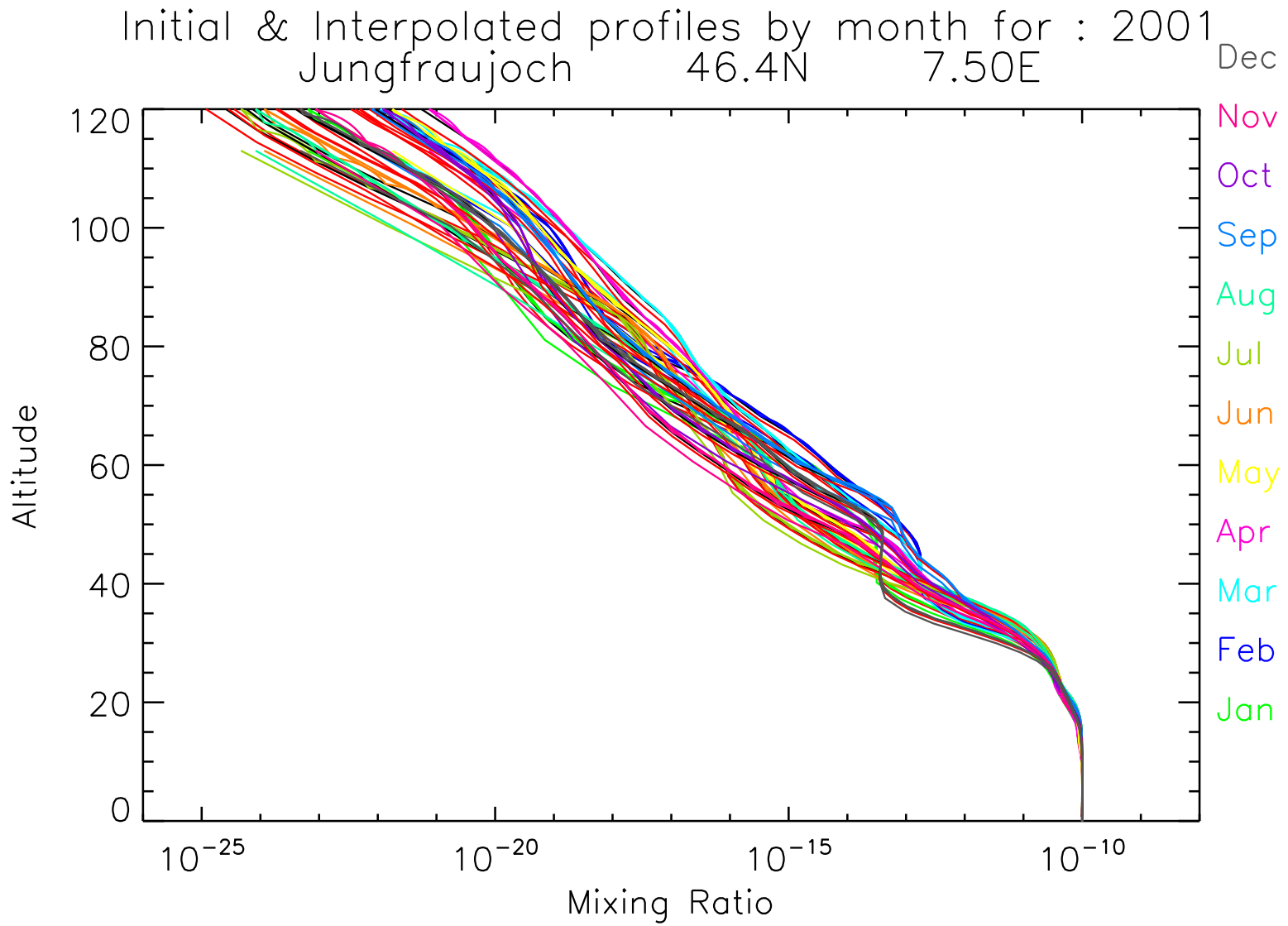
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2001
Jungfraujoch 46.4N 7.50E
Dec
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Altitude
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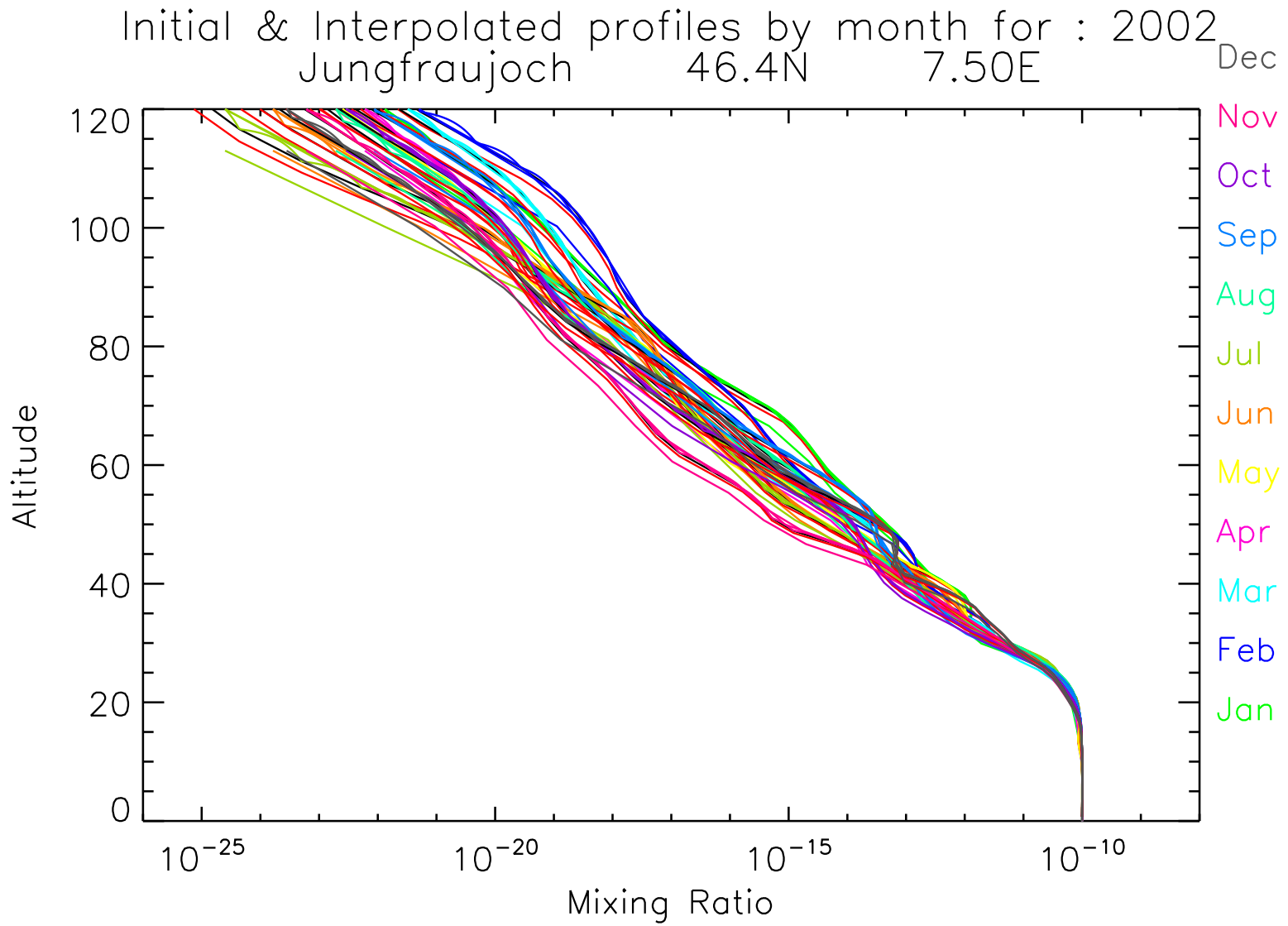
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2002
Jungfraujoch 46.4N 7.50E
Dec
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Altitude
10^{-25}
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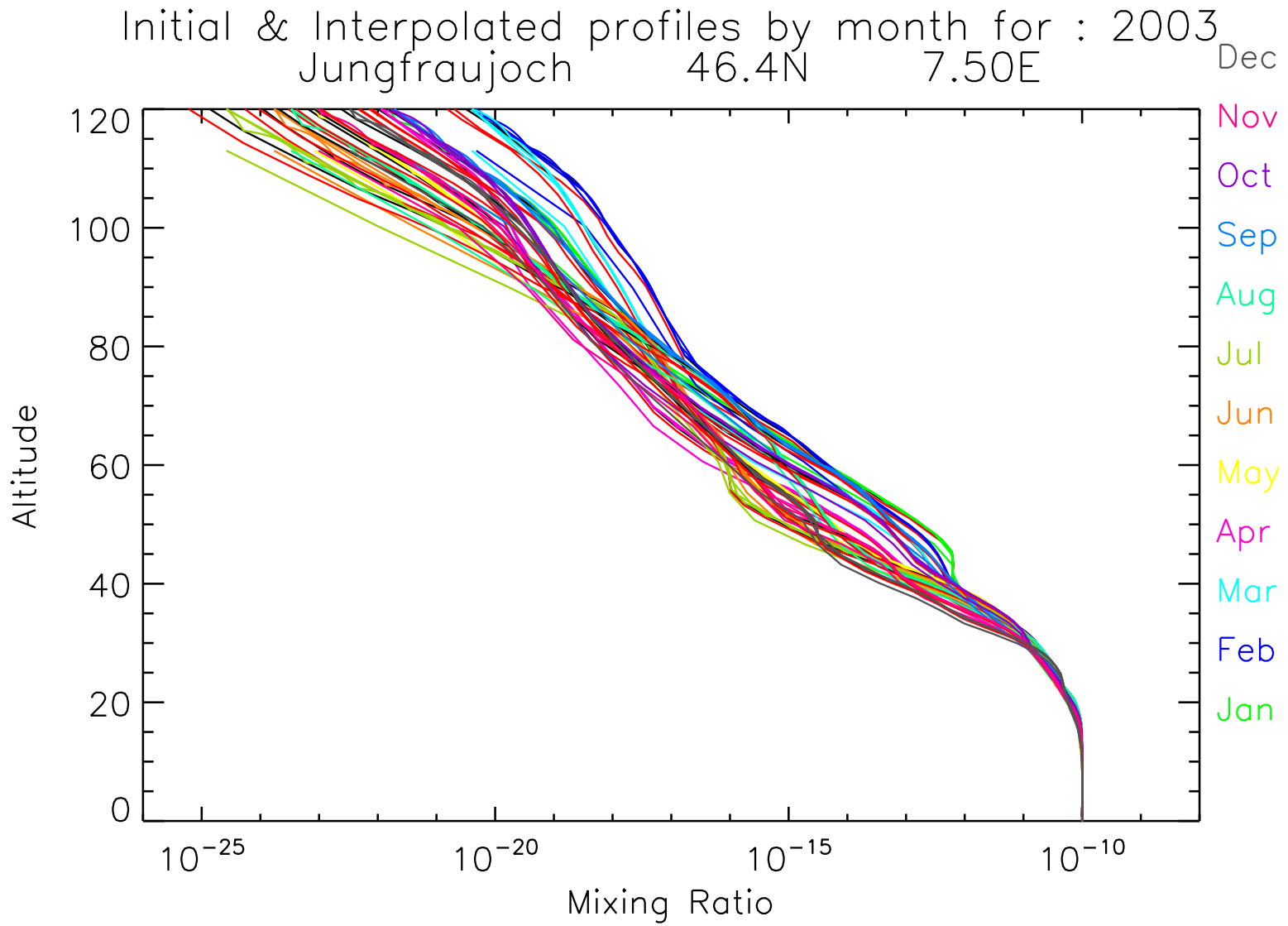
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2003
Jungfraujoch 46.4N 7.50E
Dec
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Altitude
10^{-25}
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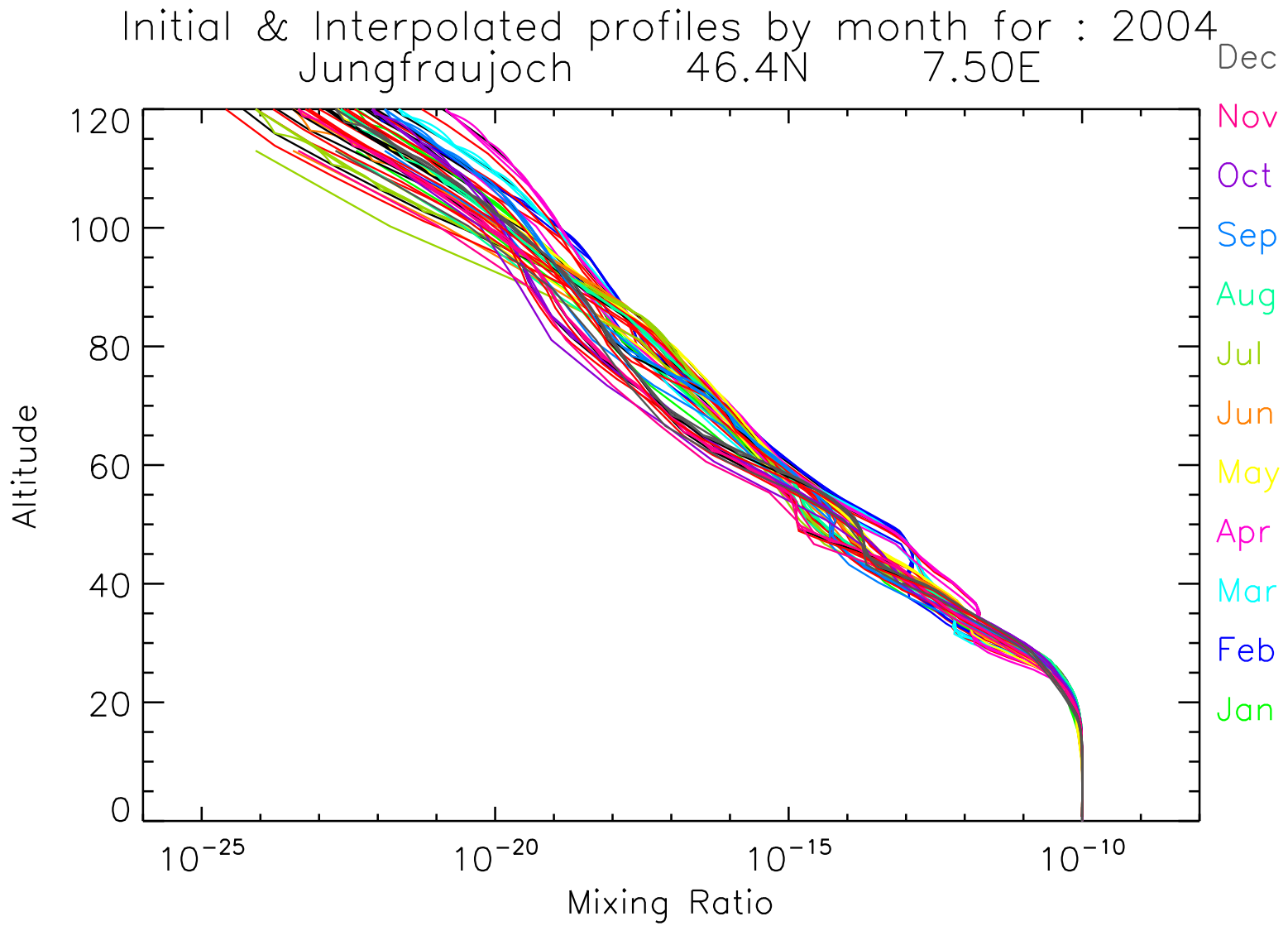
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2004
Jungfraujoch 46.4N 7.50E
Dec
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Altitude
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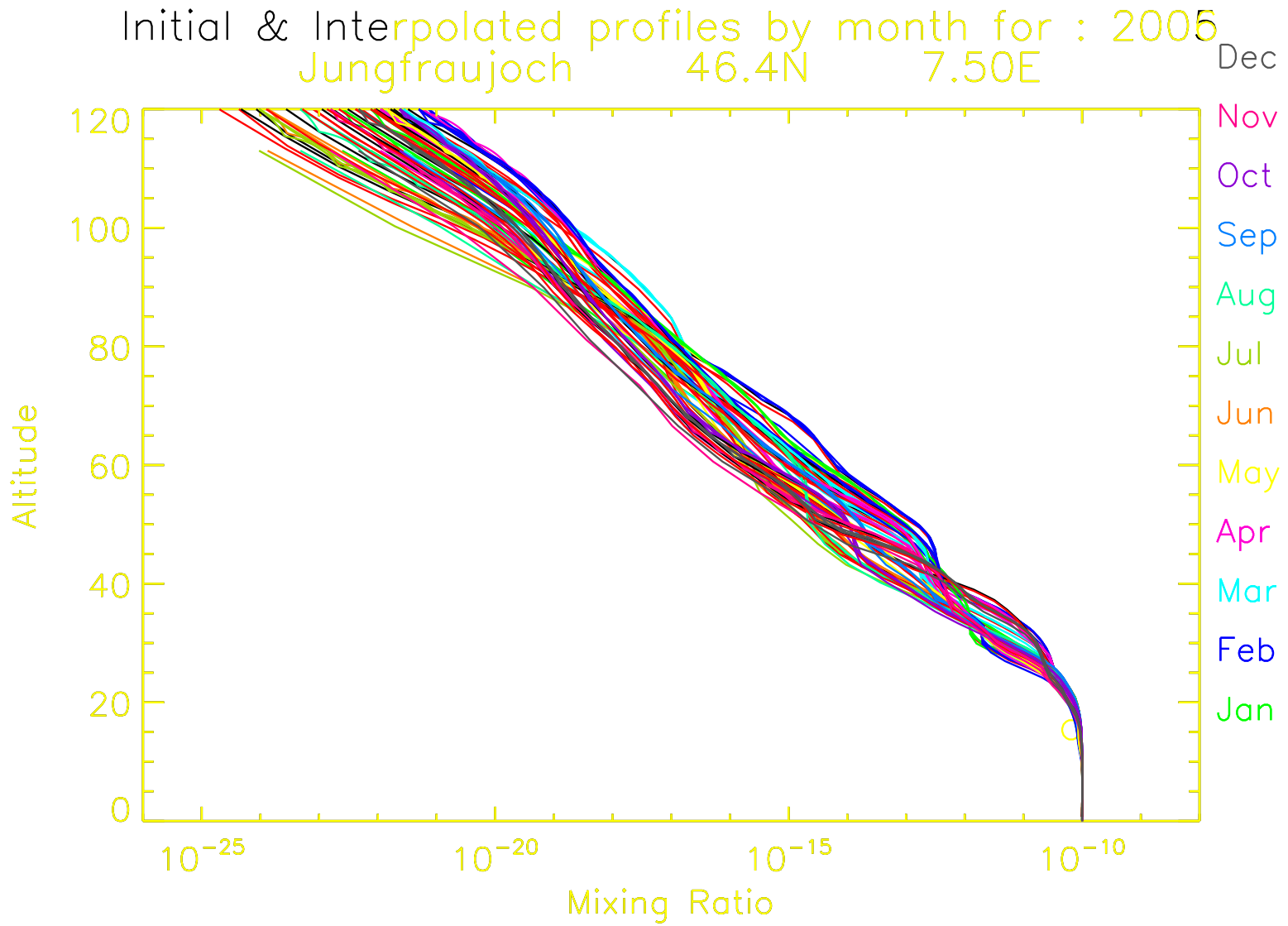
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2005
Jungfraujoch 46.4N 7.50E
Dec
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Altitude
10^{-25}
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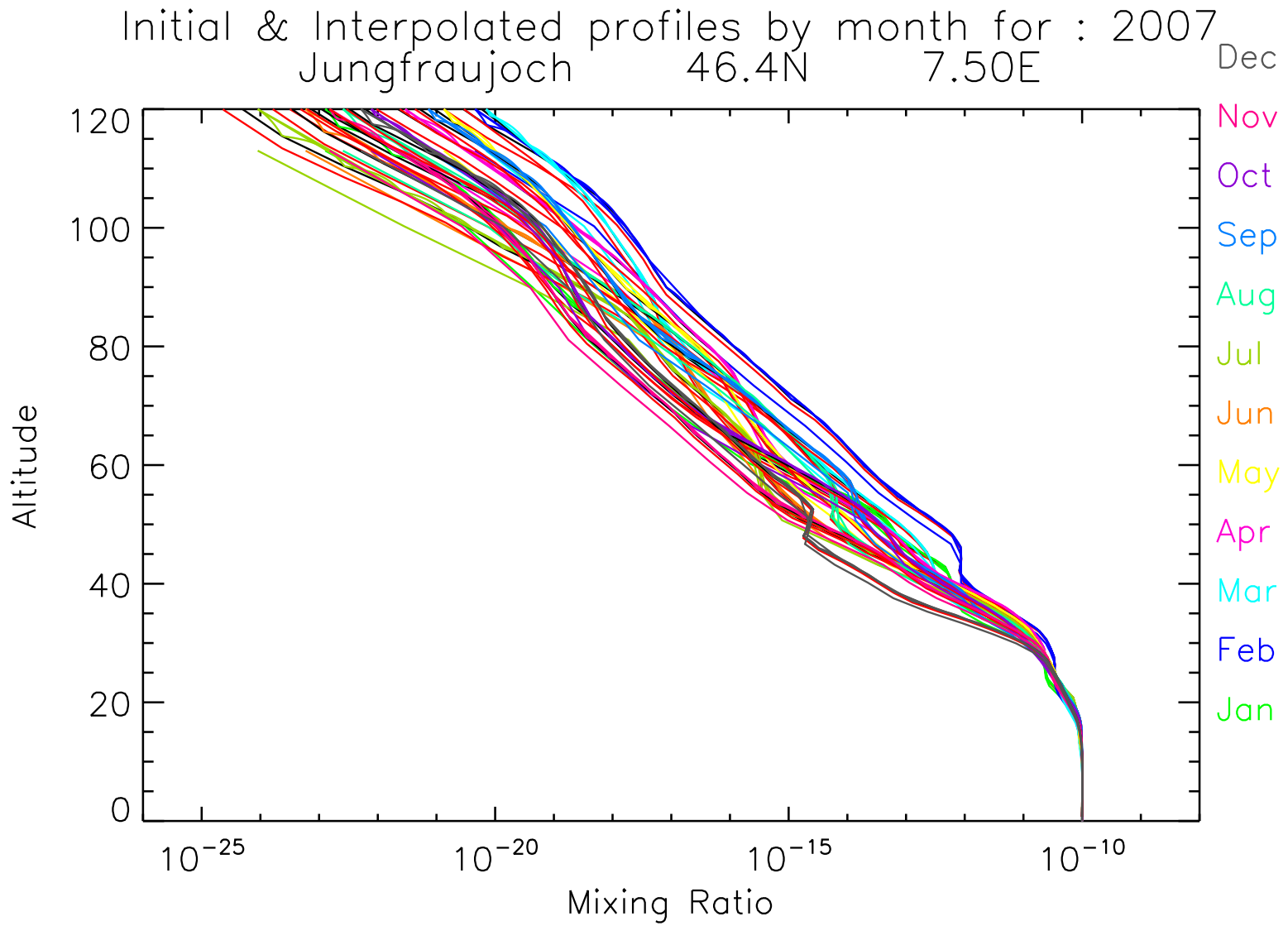
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2007
Jungfraujoch 46.4N 7.50E
Dec
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Altitude
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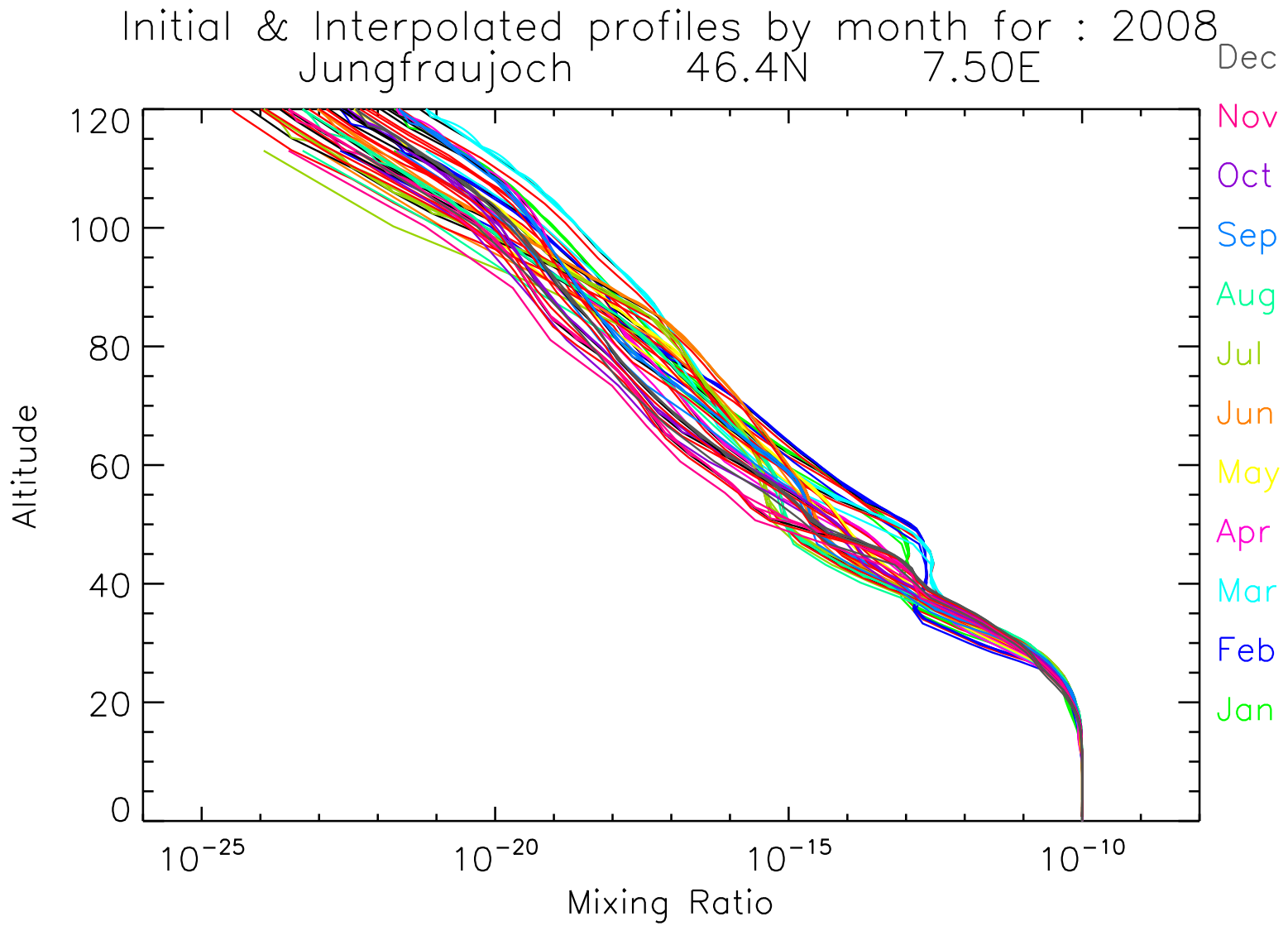
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2008
Jungfraujoch 46.4N 7.50E
Dec
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Altitude
10^{-25}
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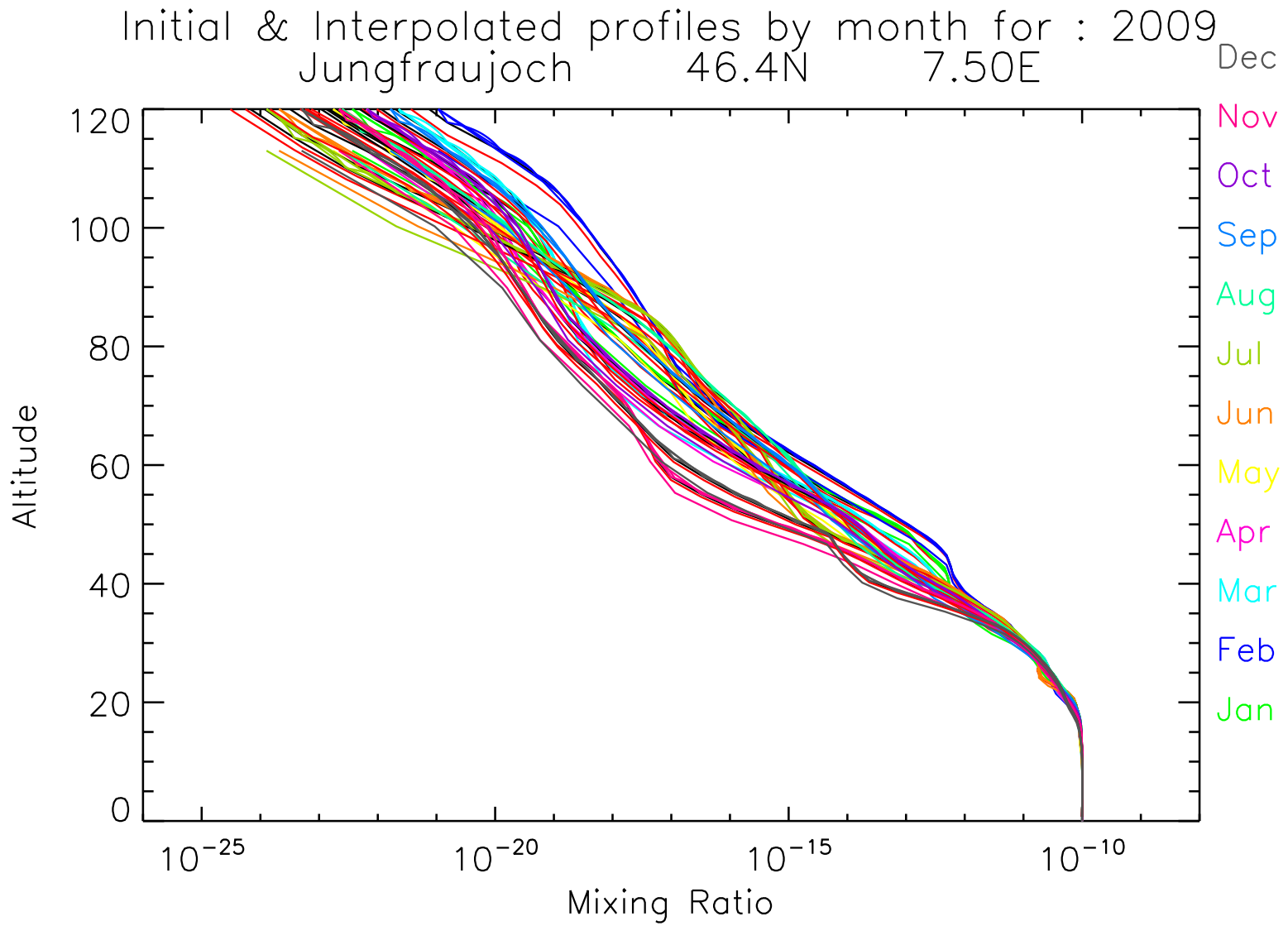
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2009
Jungfraujoch 46.4N 7.50E
Dec
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Altitude
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10^{-25}
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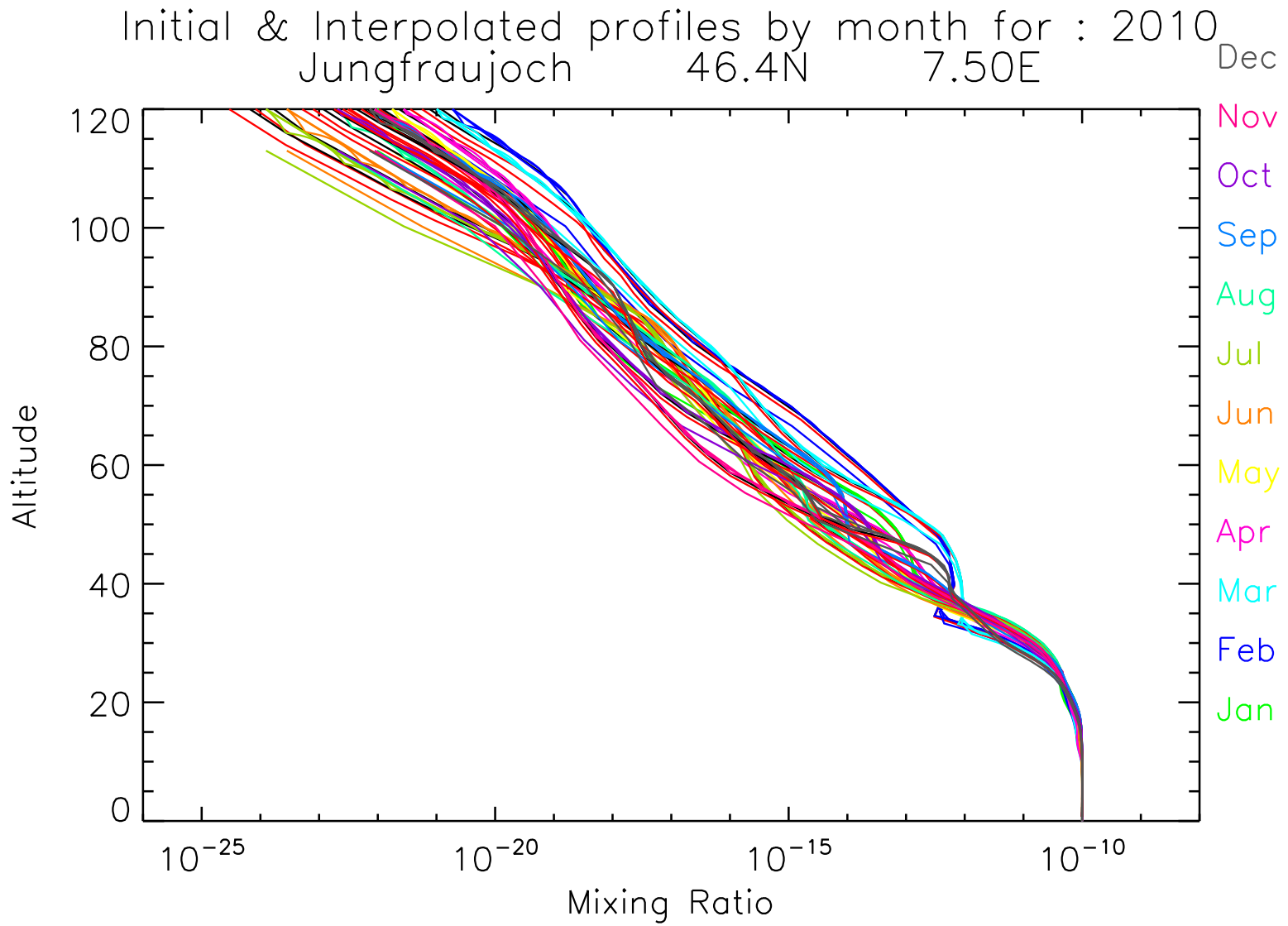
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2010
Jungfraujoch 46.4N 7.50E
Dec
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Altitude
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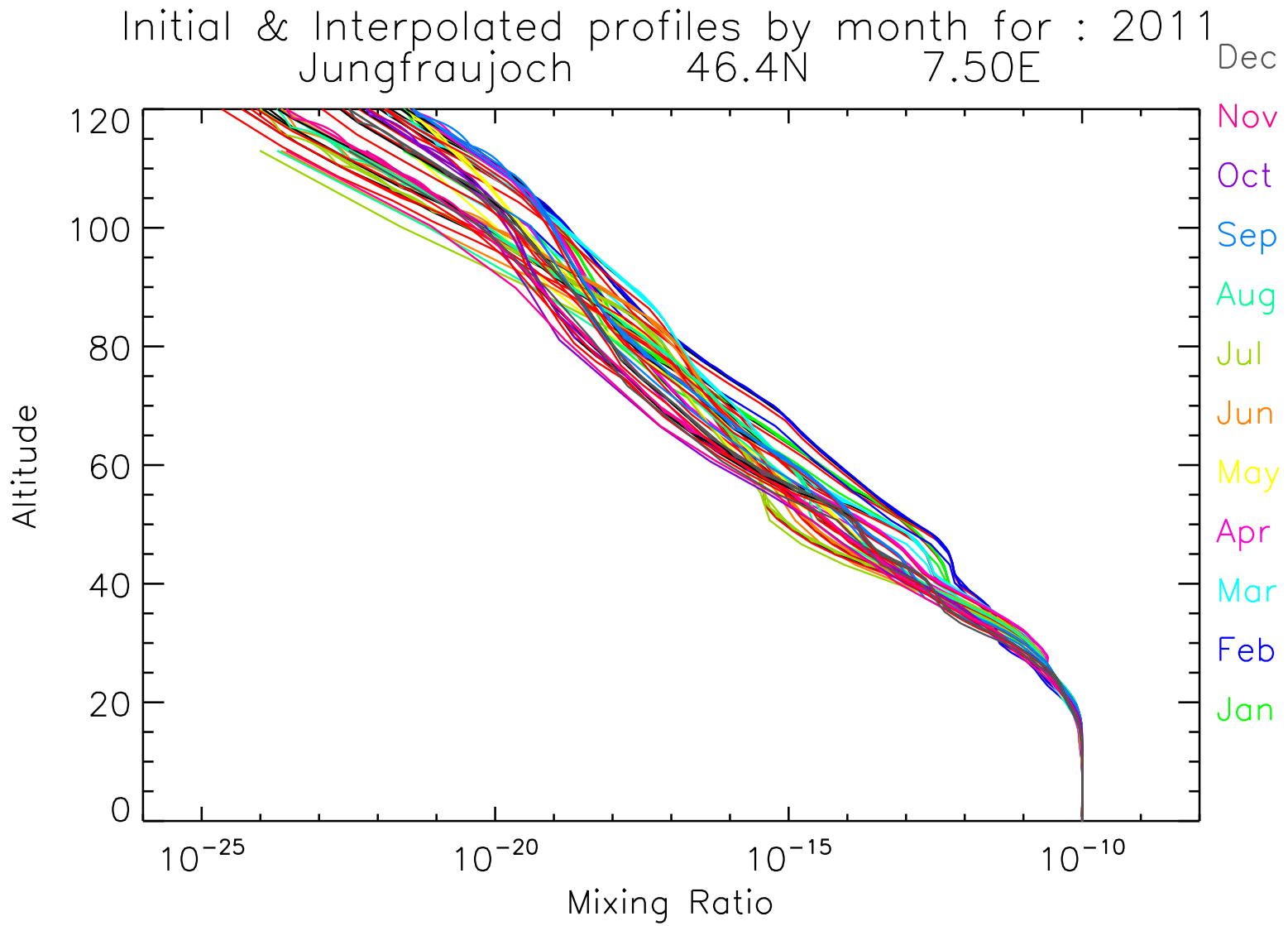
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2011
Jungfraujoch 46.4N 7.50E
Dec
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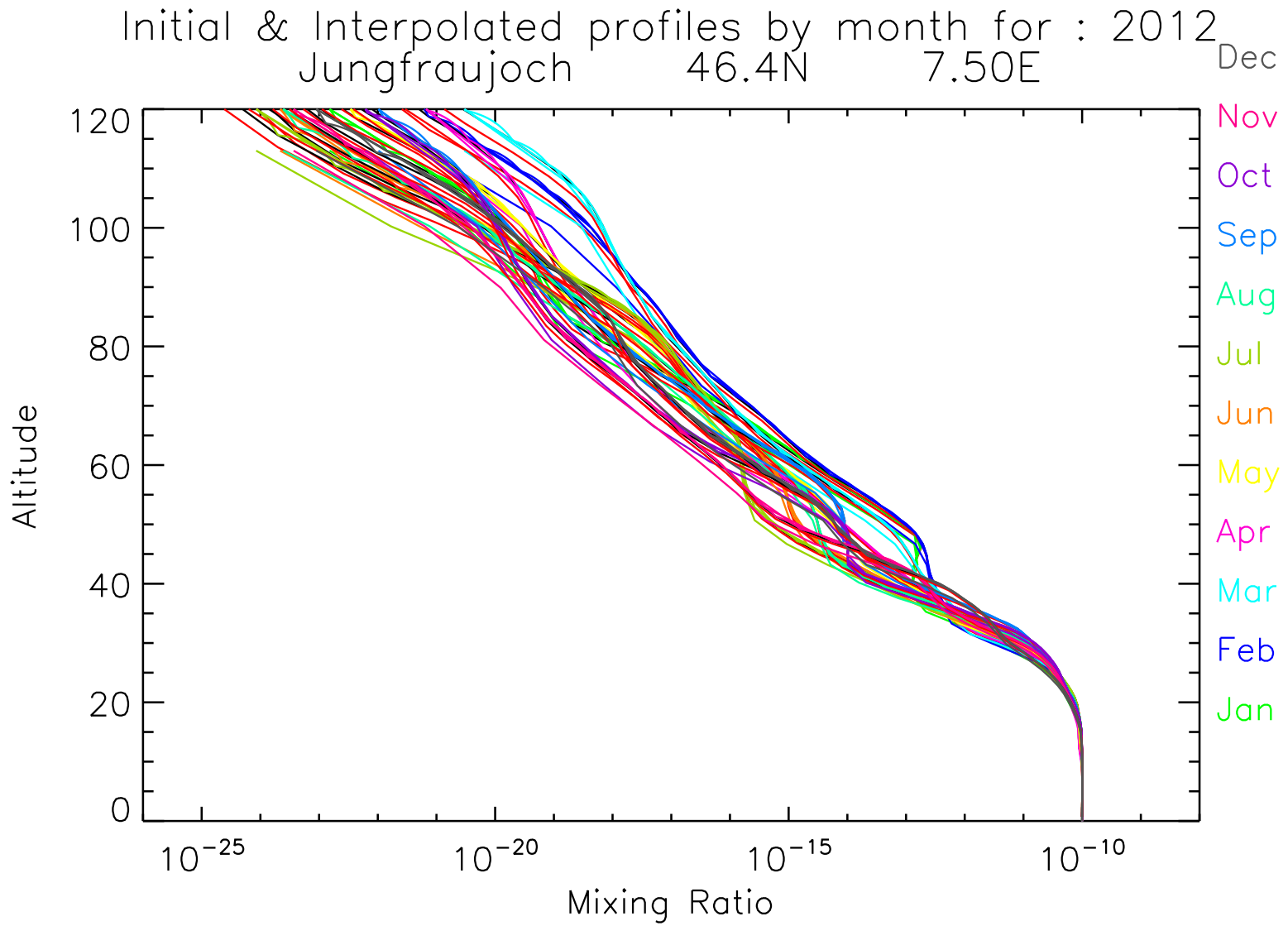
Altitude
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2012
Jungfraujoch 46.4N 7.50E
Dec
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Altitude
10^{-25}
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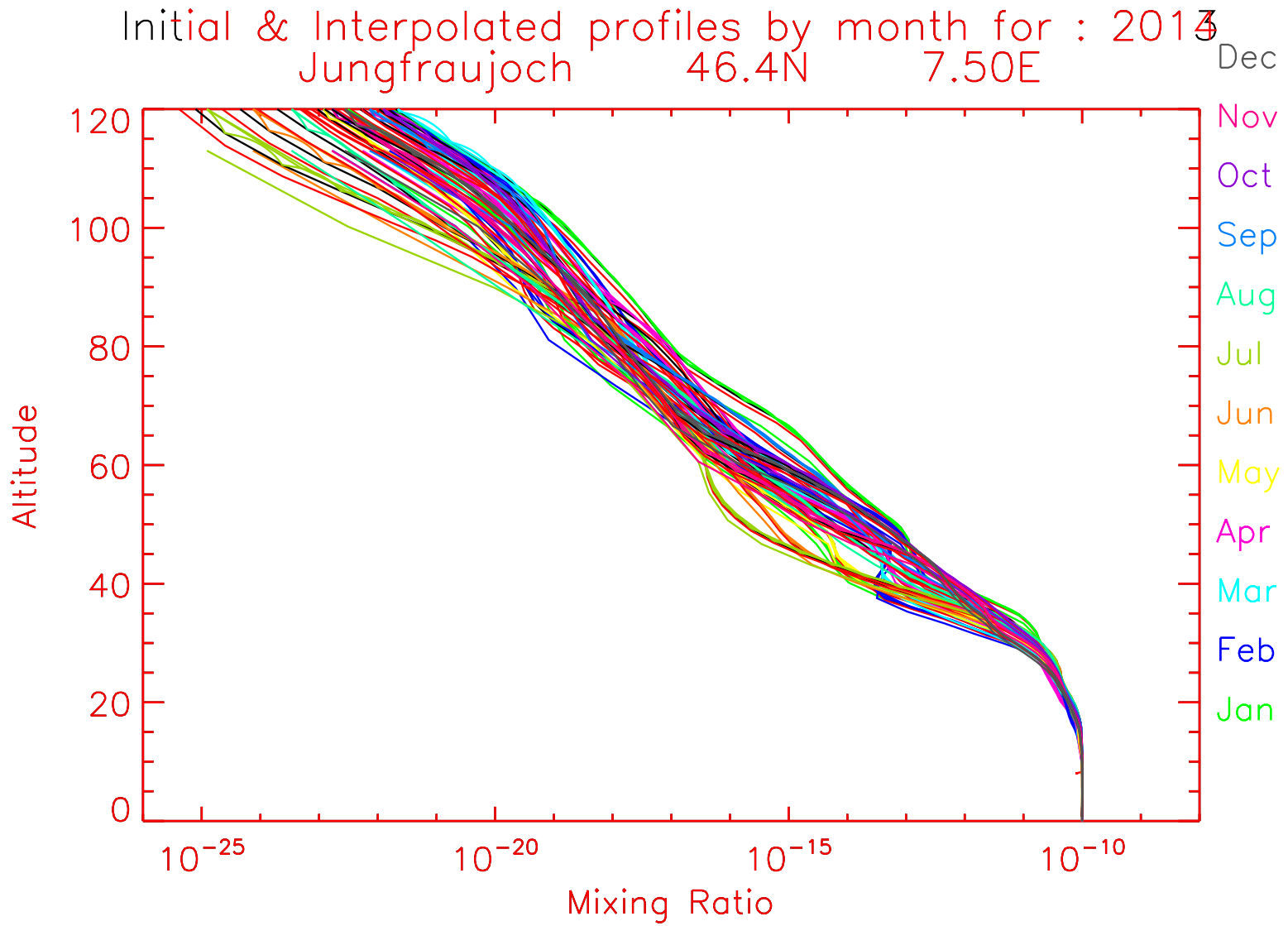
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2013
Jungfraujoch 46.4N 7.50E
Dec
Nov
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Altitude
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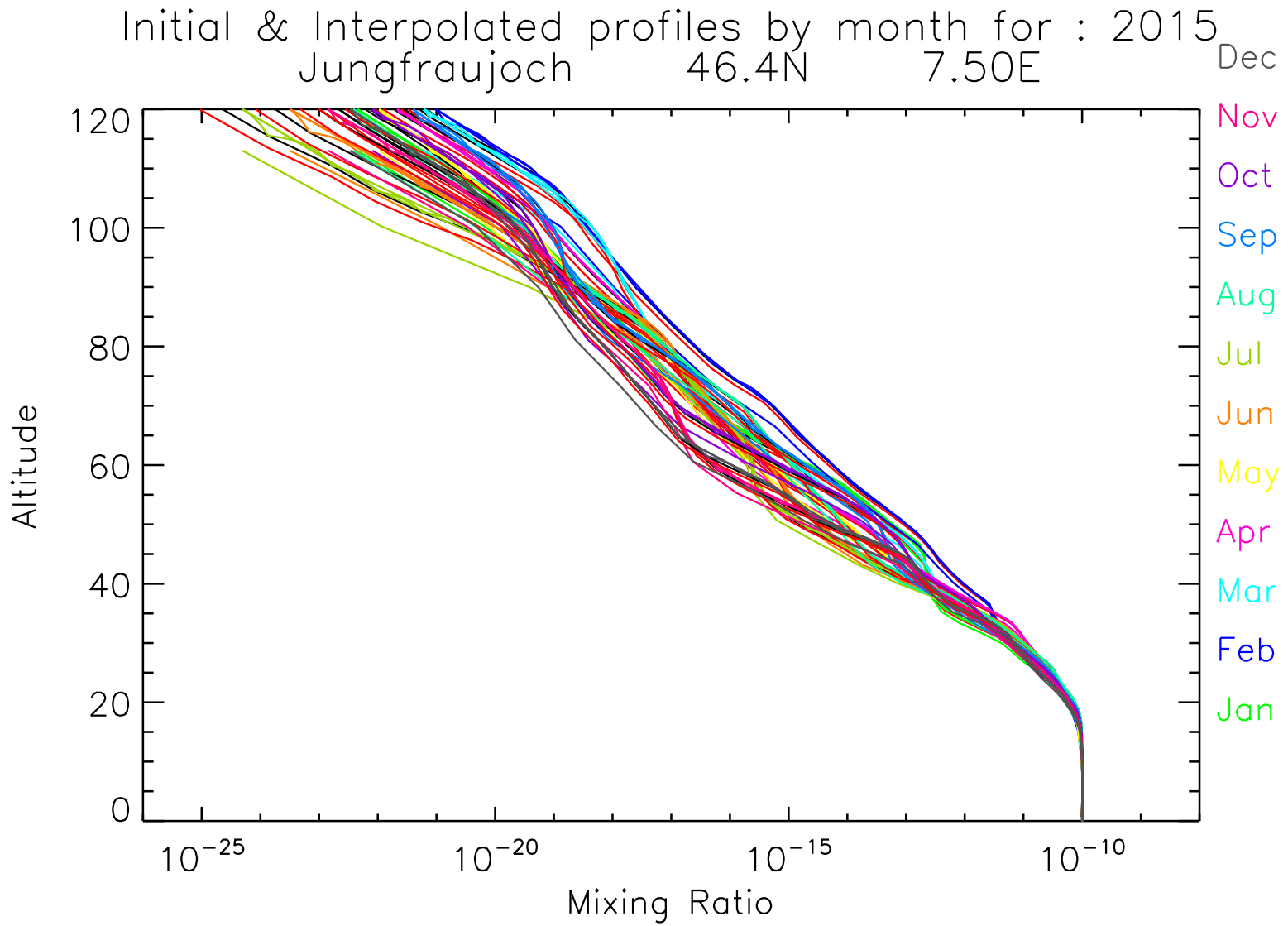
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2015
Jungfraujoch 46.4N 7.50E
Dec
Nov
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Jan
120
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Altitude
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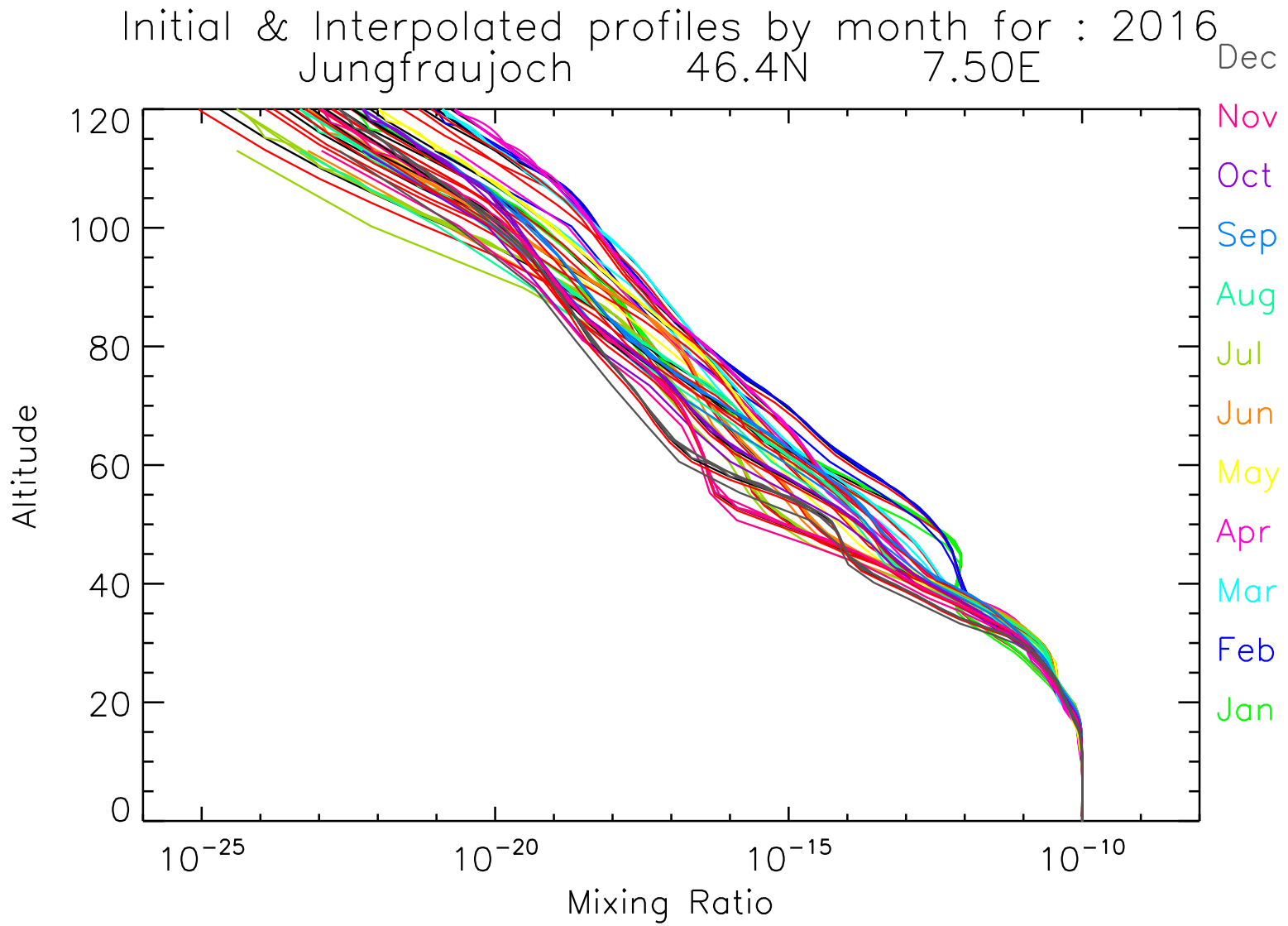
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2016
Jungfraujoch 46.4N 7.50E
Dec
Nov
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Altitude
10^{-25}
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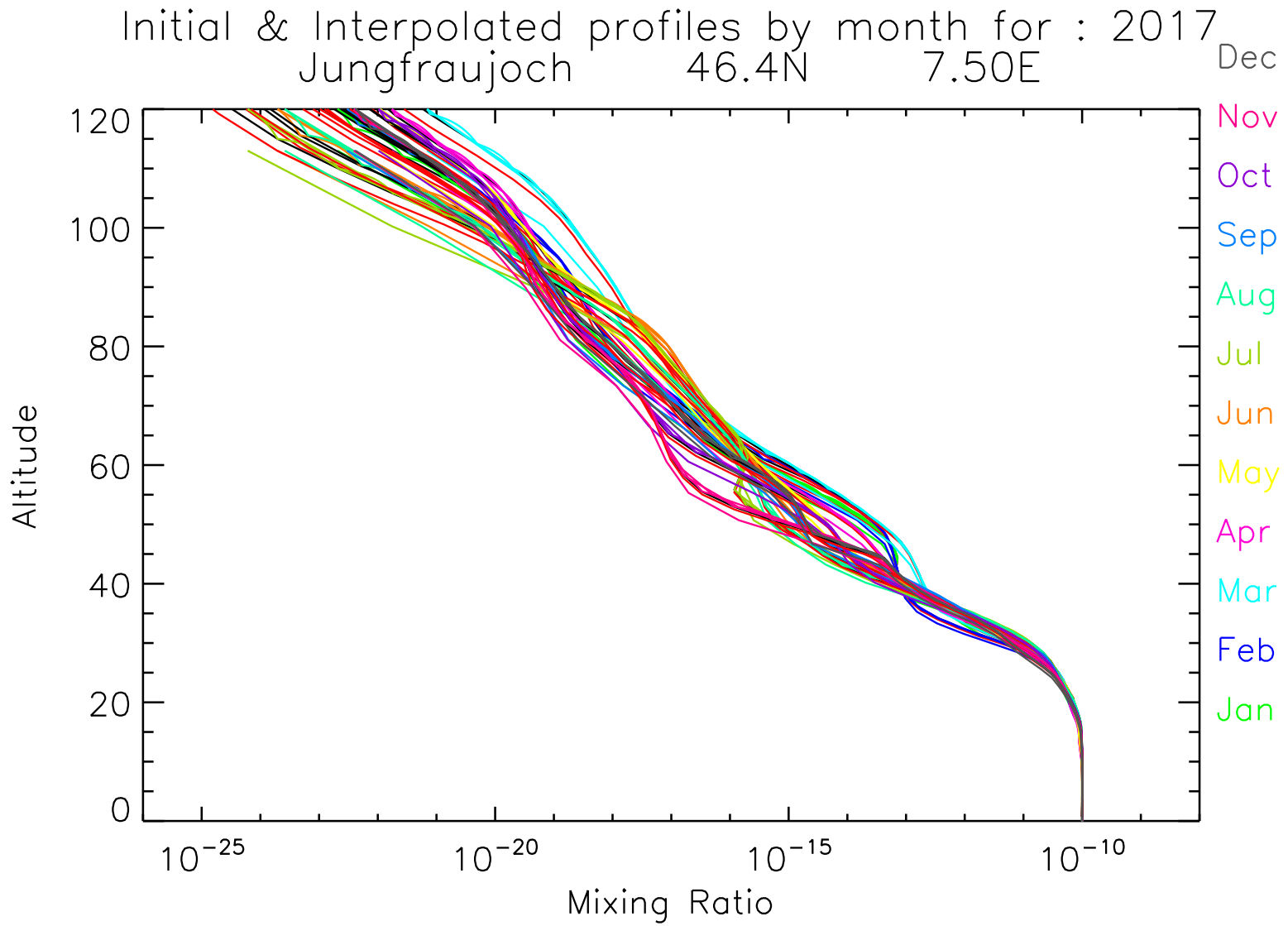
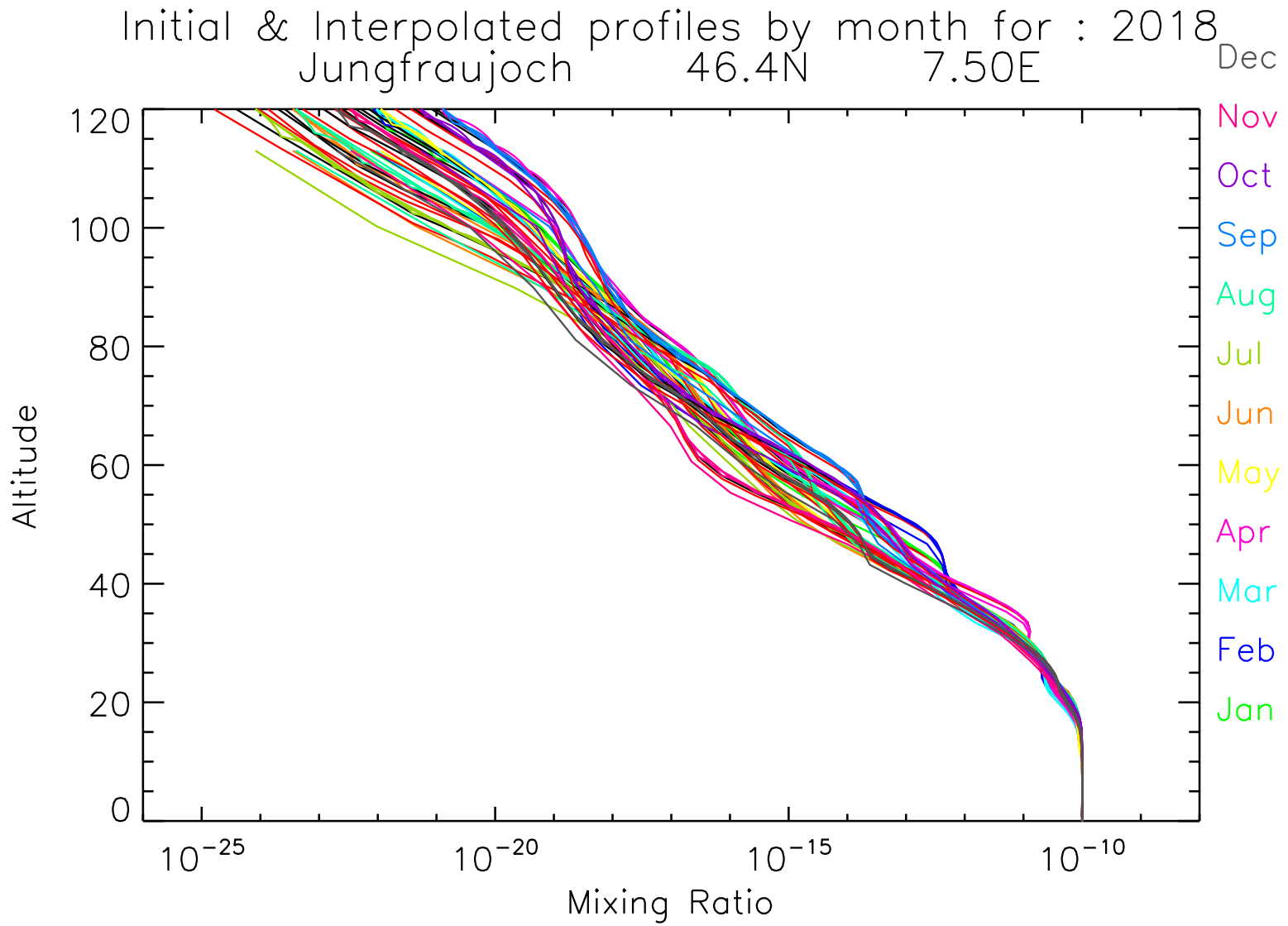
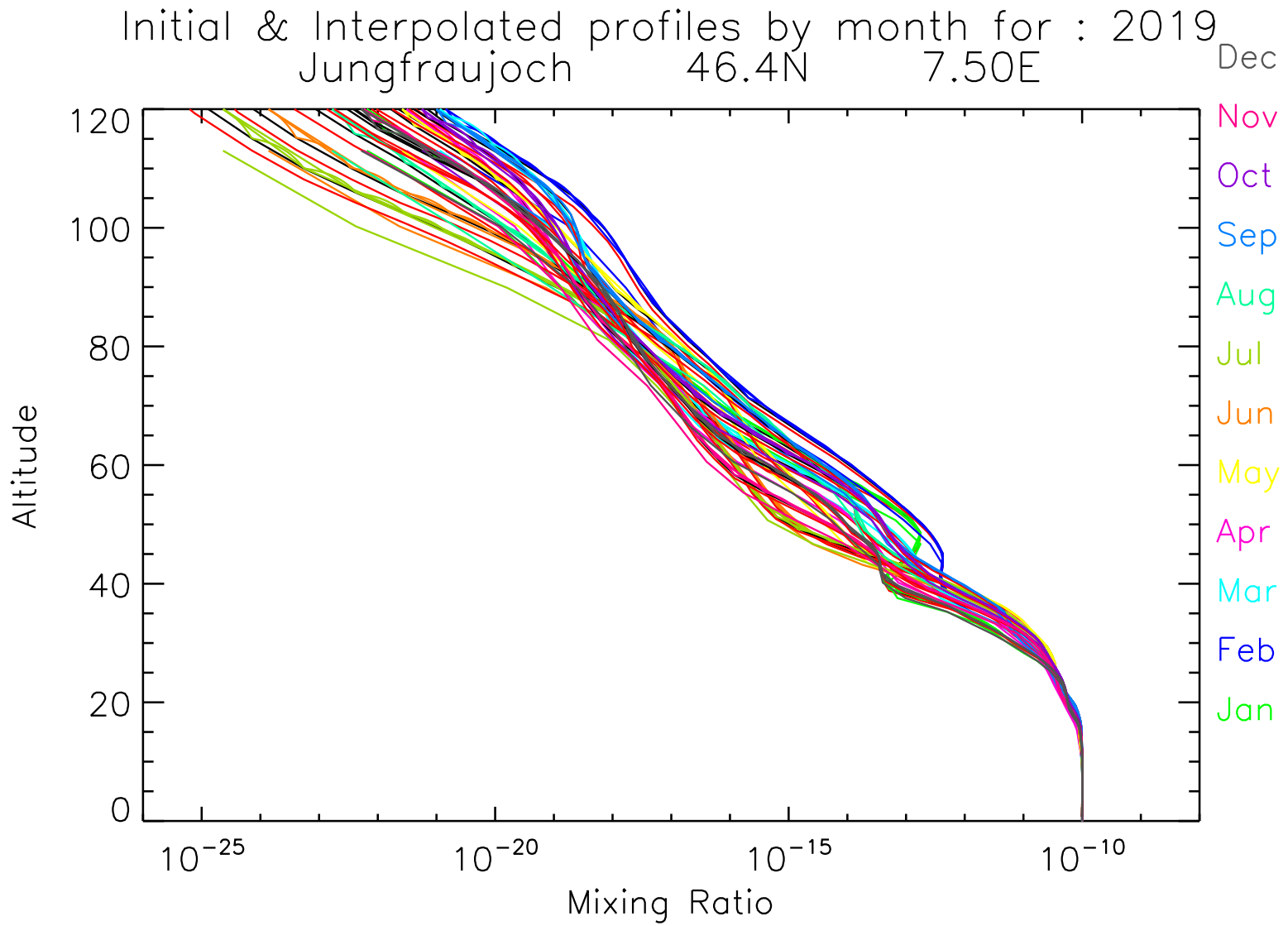
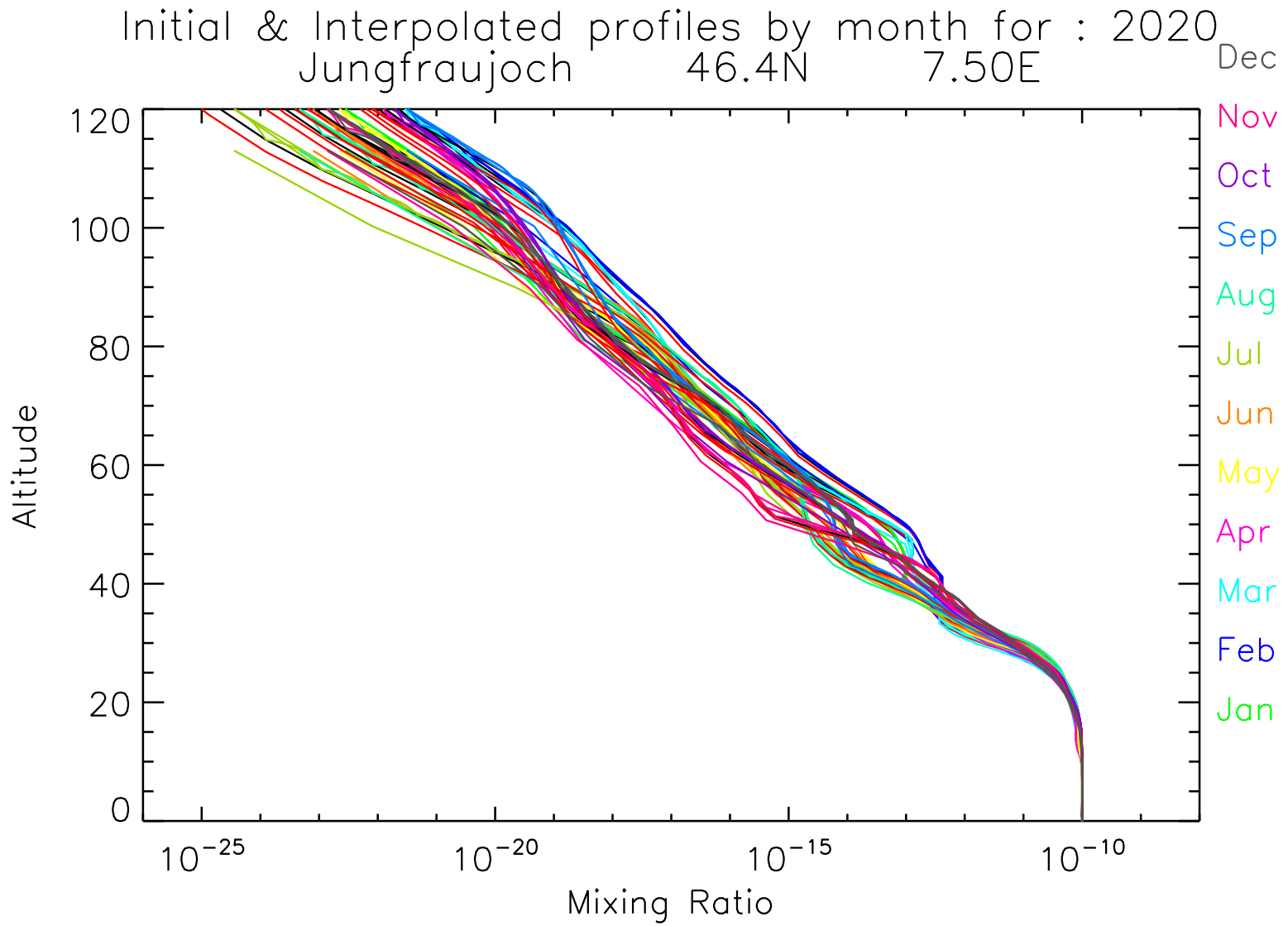
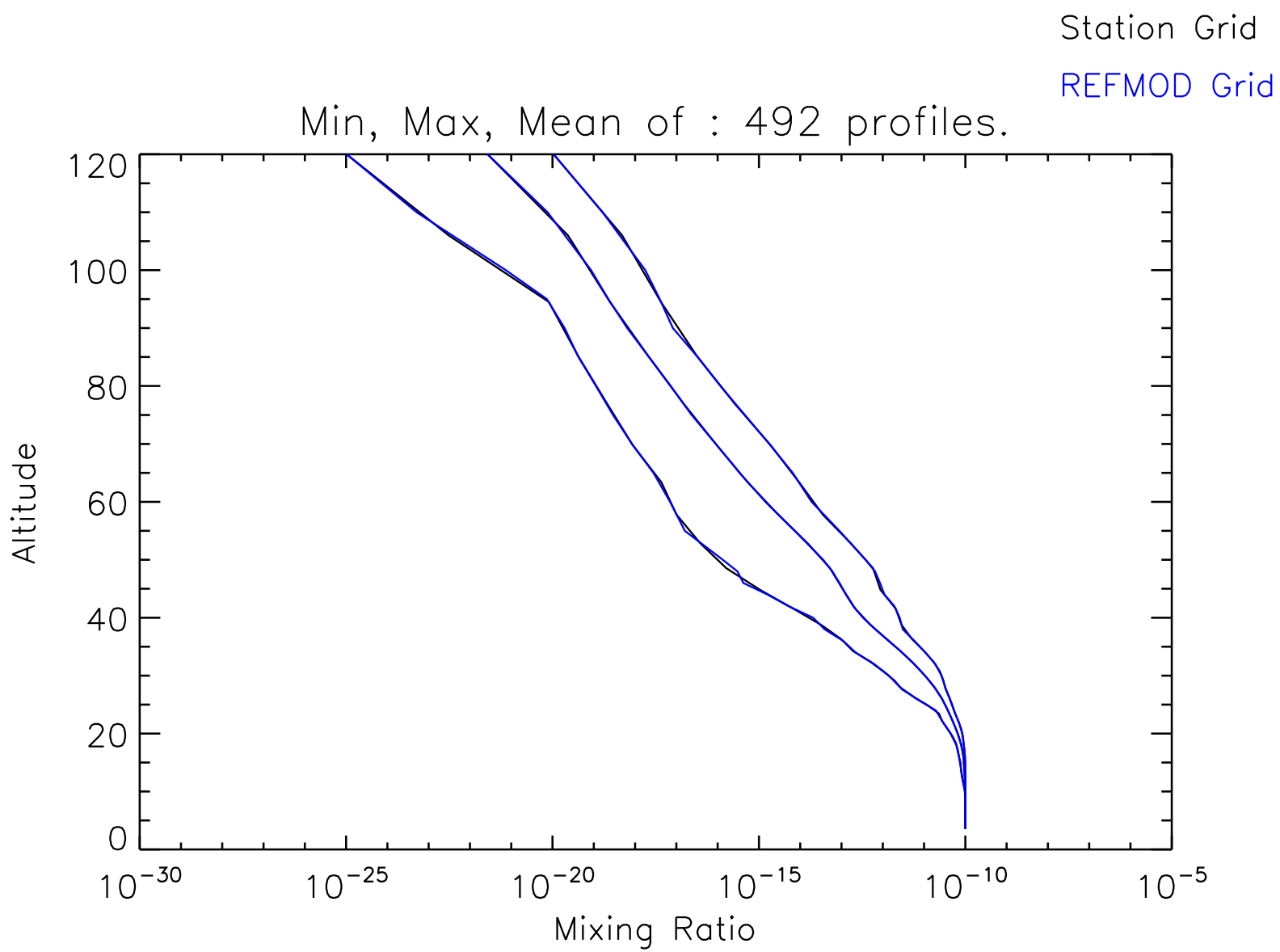
10^{-15}
10^{-10}
Mixing Ratio

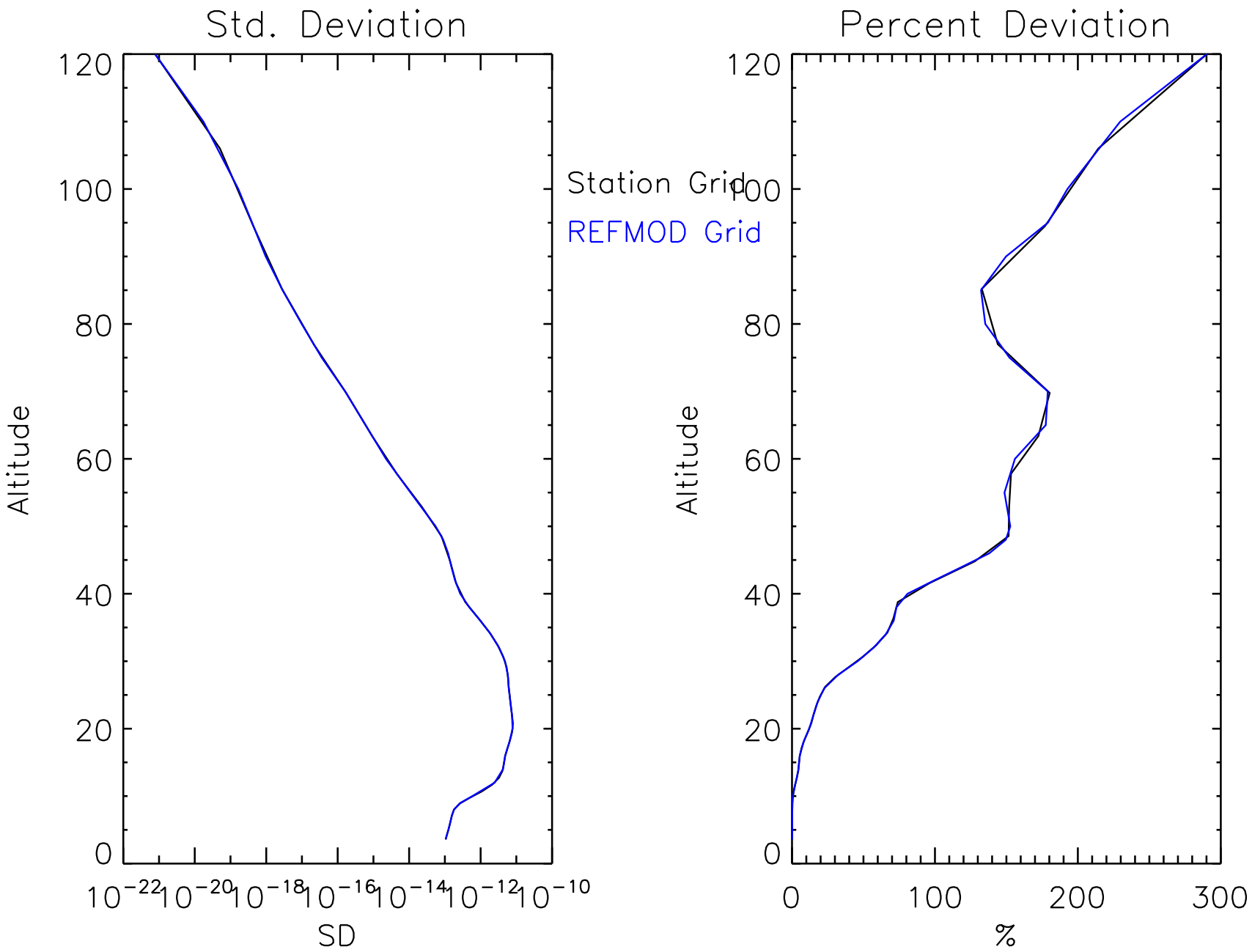

Initial & Interpolated profiles by month for : 2017
Jungfraujoch 46.4N 7.50E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio

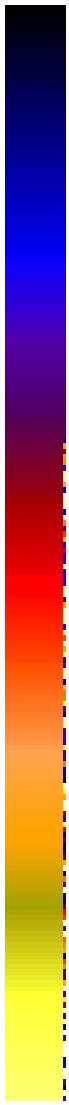

Initial & Interpolated profiles by month for : 2018
Jungfraujoch 46.4N 7.50E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio

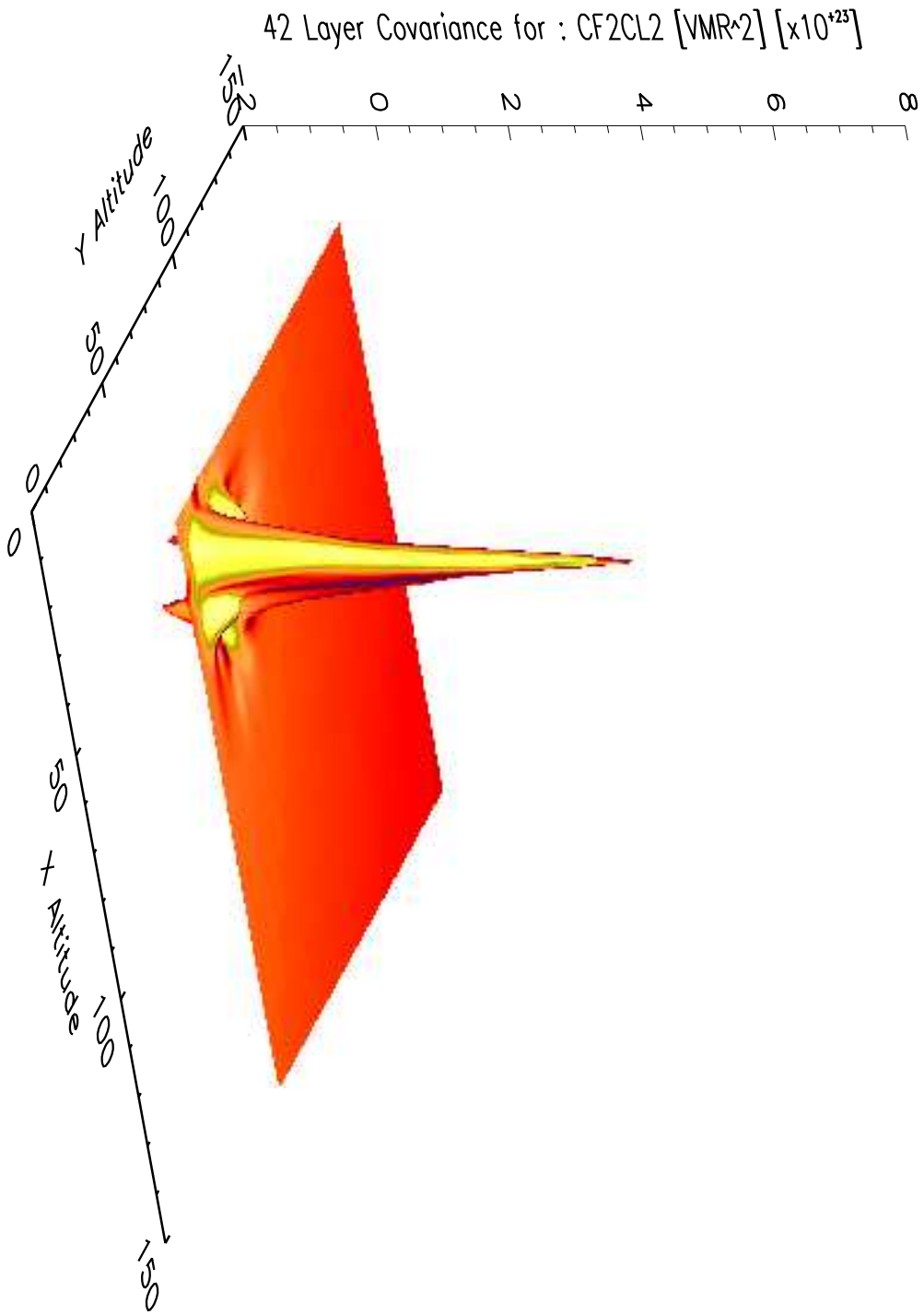

Initial & Interpolated profiles by month for : 2019
Jungfraujoch 46.4N 7.50E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio

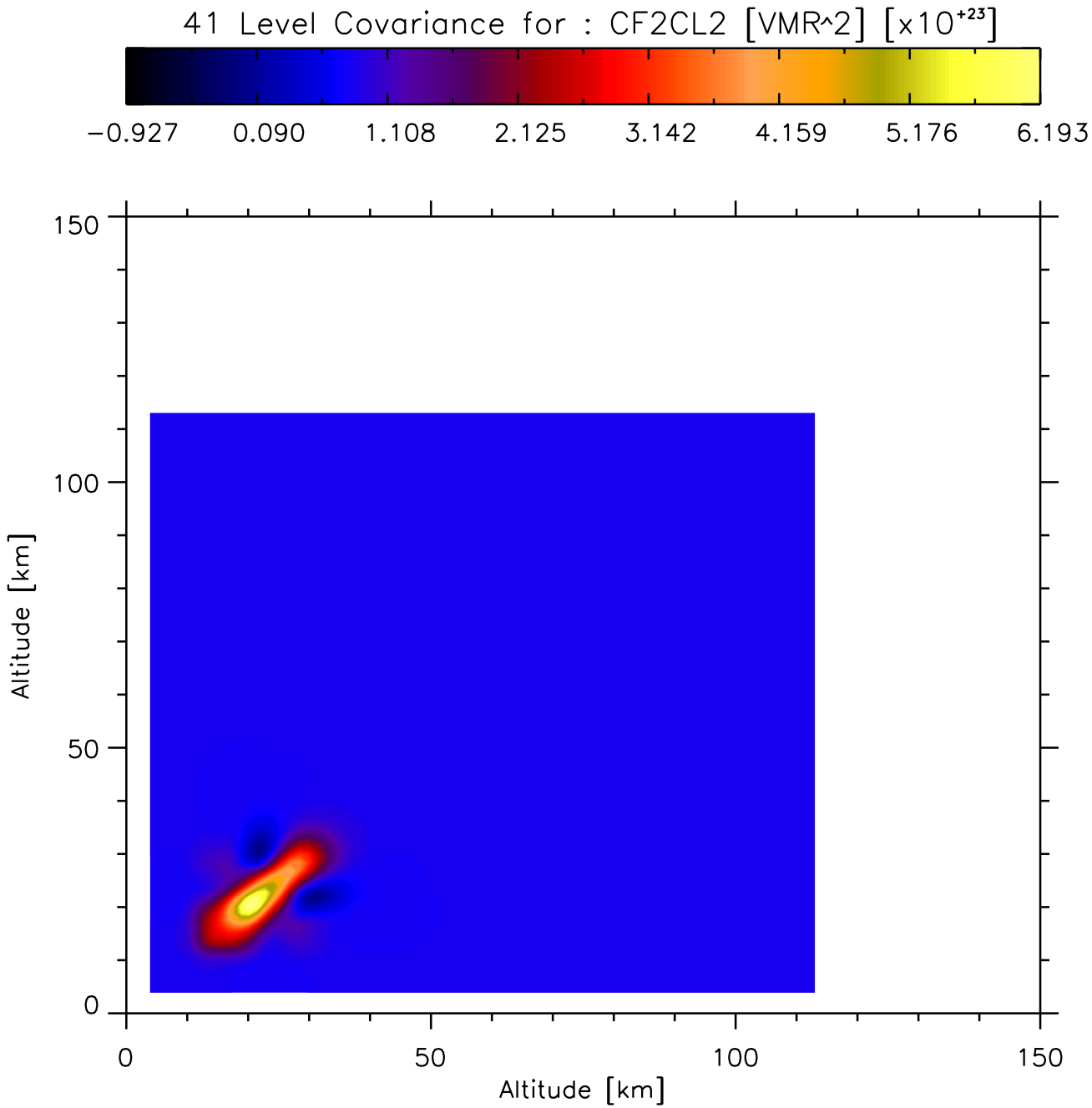

Initial & Interpolated profiles by month for : 2020
Jungfraujoch 46.4N 7.50E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio

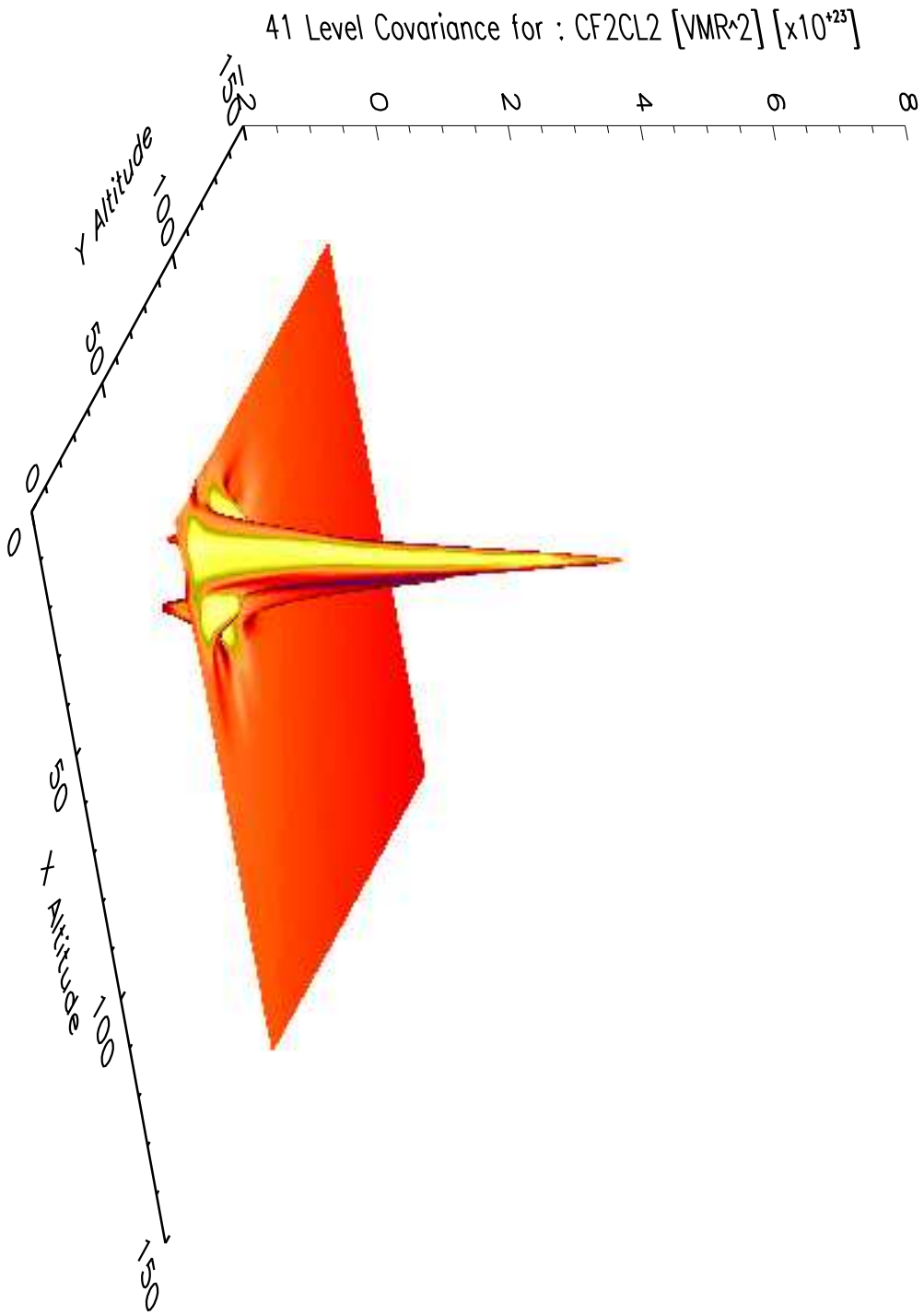

Station Grid
REFMOD Grid
Min, Max, Mean of : 492 profiles.
120
100
80
60
40
20
0
Altitude
10^{-30}
10^{-25}
10^{-20}
10^{-15}
10^{-10}
10^{-5}
Mixing Ratio


Std. Deviation
Percent Deviation
Station Grid
REFMOD Grid
Altitude
Altitude
120
100
80
60
40
20
0
10^{-22} 10^{-20} 10^{-18} 10^{-16} 10^{-14} 10^{-12} 10^{-10}
SD
0
100
200
300
%




42 Layer Covariance for : CF2CL2 [VMR^2] [x10^+23]
Y Altitude
X Altitude
0
50
100
150
0
2
4
6
8


41 Level Covariance for : CF2CL2 [VMR^2] [x10^+23]
−0.927
0.090
1.108
2.125
3.142
4.159
5.176
6.193
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


41 Level Covariance for : CF2CL2 [VMR^2] [x10^+23]
0
2
4
6
8
Y Altitude
150
100
50
0
X Altitude
0
50
100
150