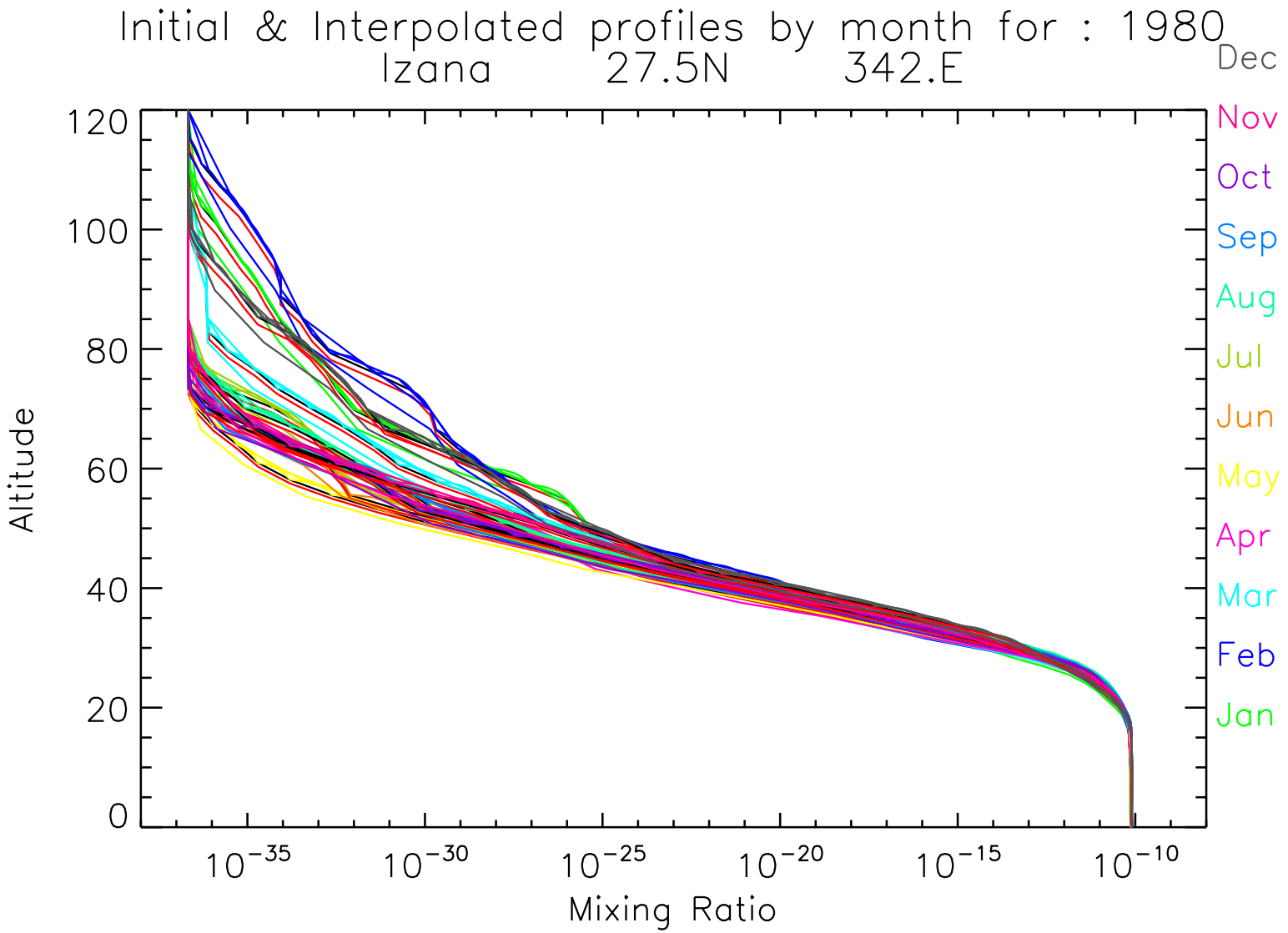
Initial & Interpolated profiles by month for : 1980
Izana 27.5N 342.E
Dec
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120
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Altitude
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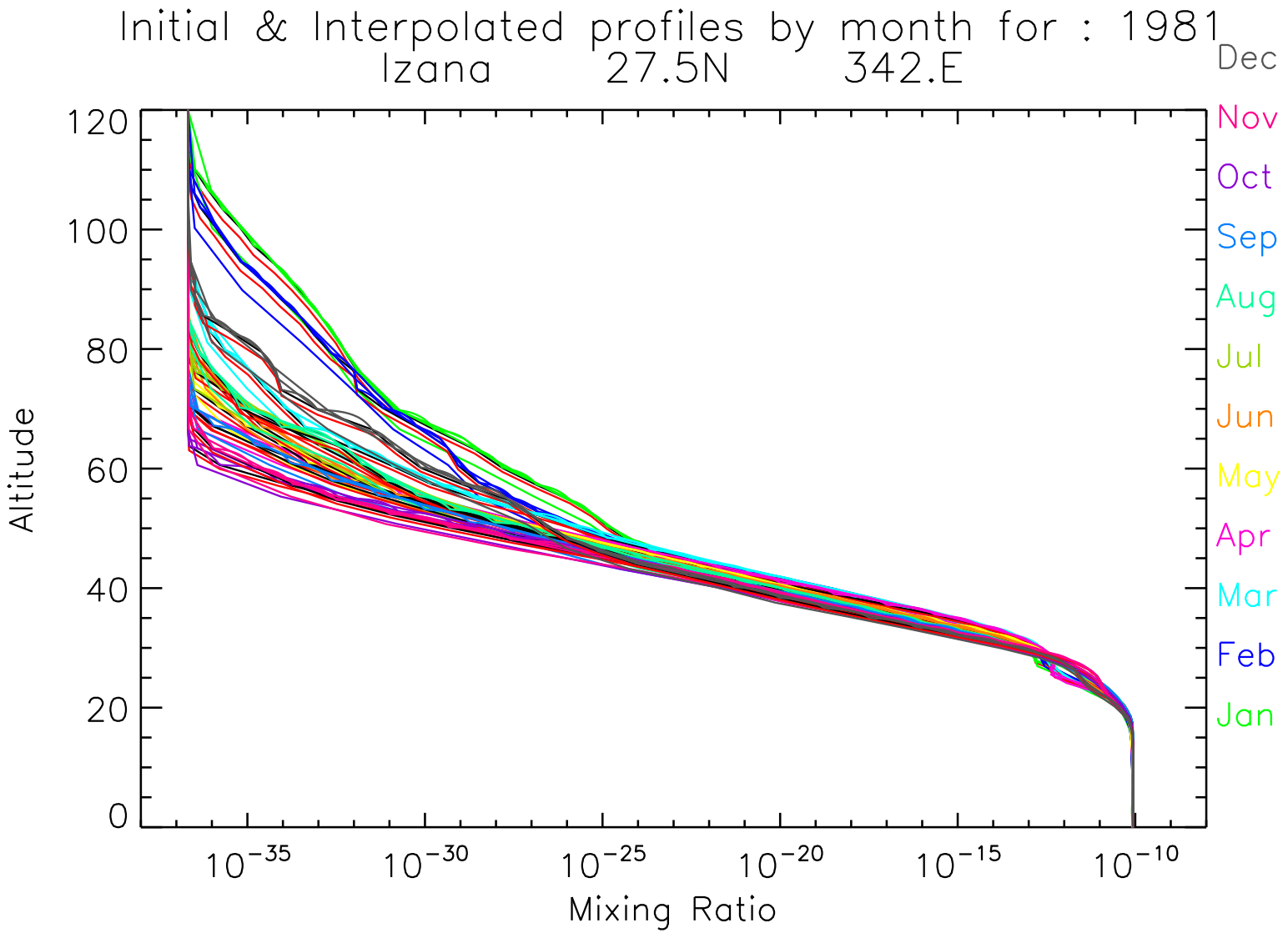
Mixing Ratio


Initial & Interpolated profiles by month for : 1981
Izana 27.5N 342.E
Dec
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120
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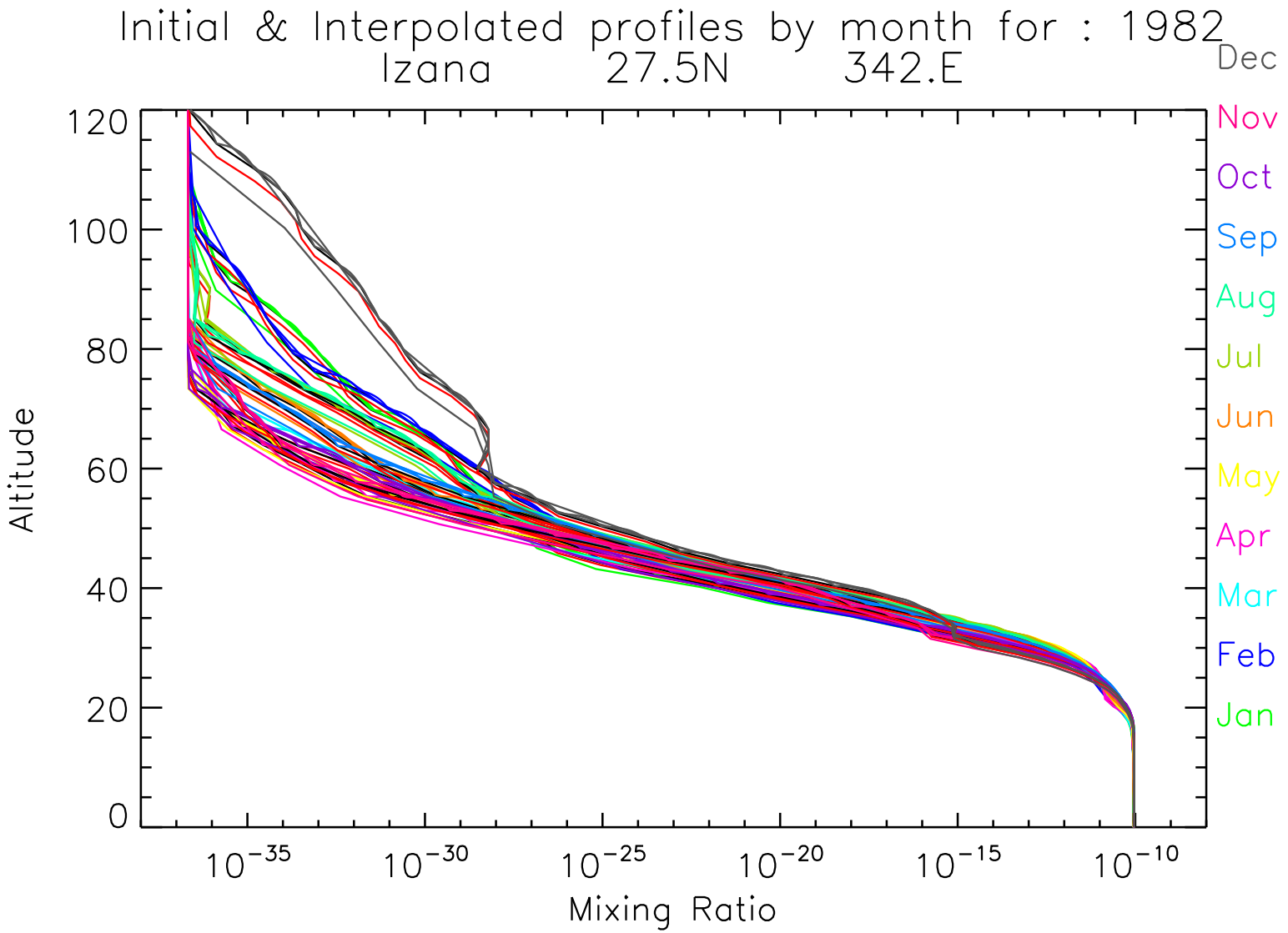
Mixing Ratio


Initial & Interpolated profiles by month for : 1982
Izana 27.5N 342.E
Dec
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Altitude
120
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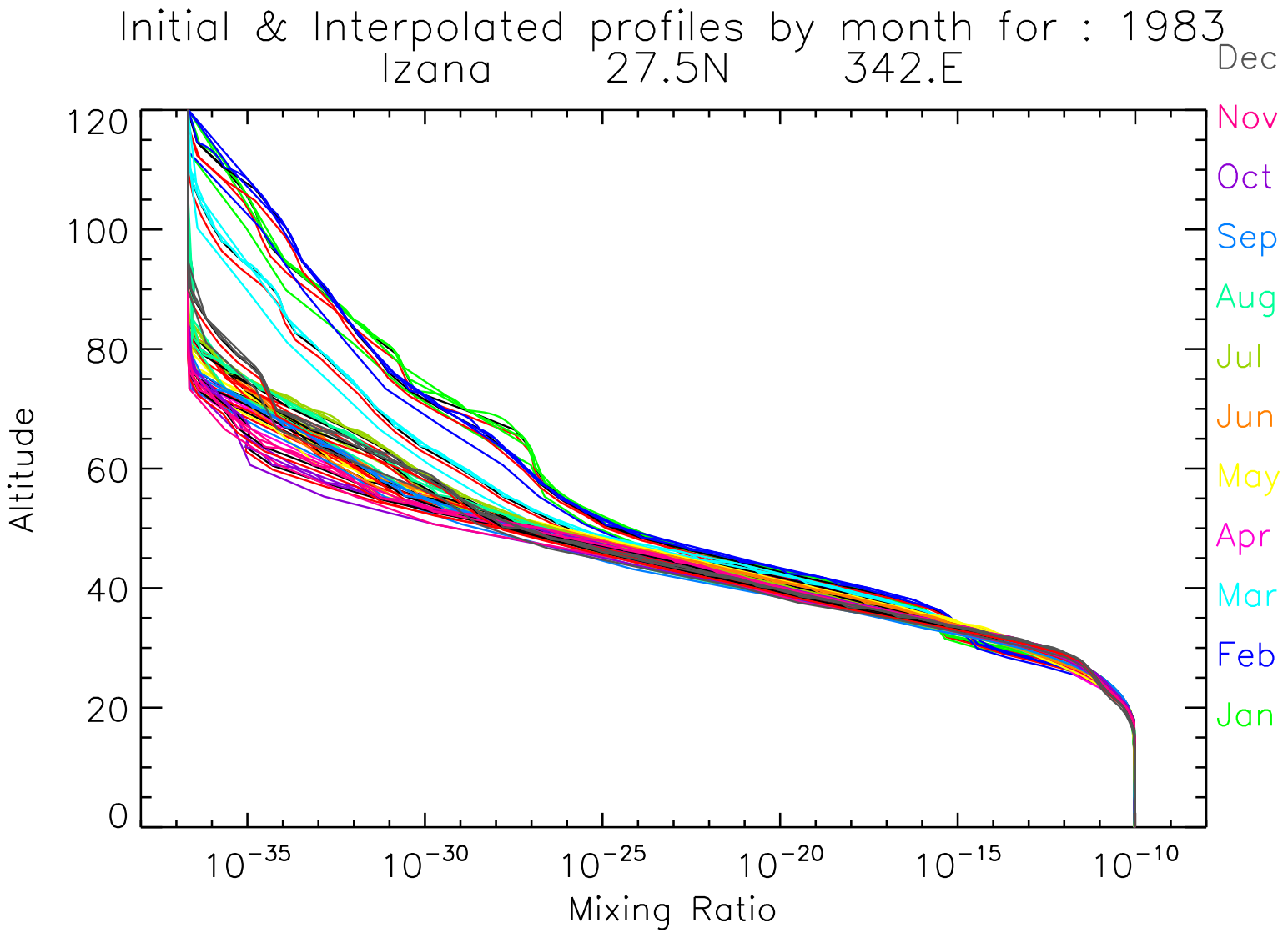
Mixing Ratio


Initial & Interpolated profiles by month for : 1983
Izana 27.5N 342.E
Dec
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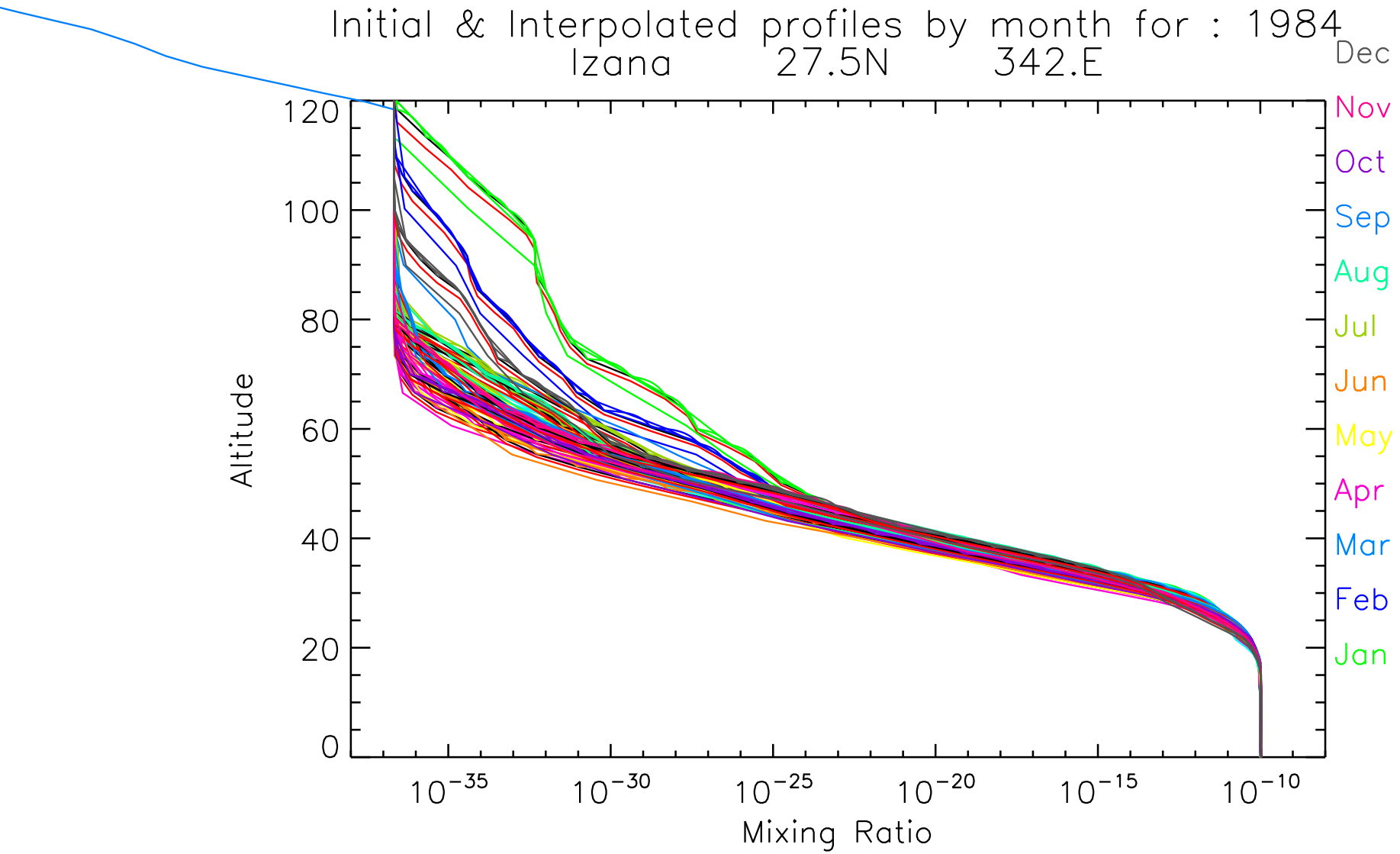
Mixing Ratio


Initial & Interpolated profiles by month for : 1984
Izana 27.5N 342.E
Dec
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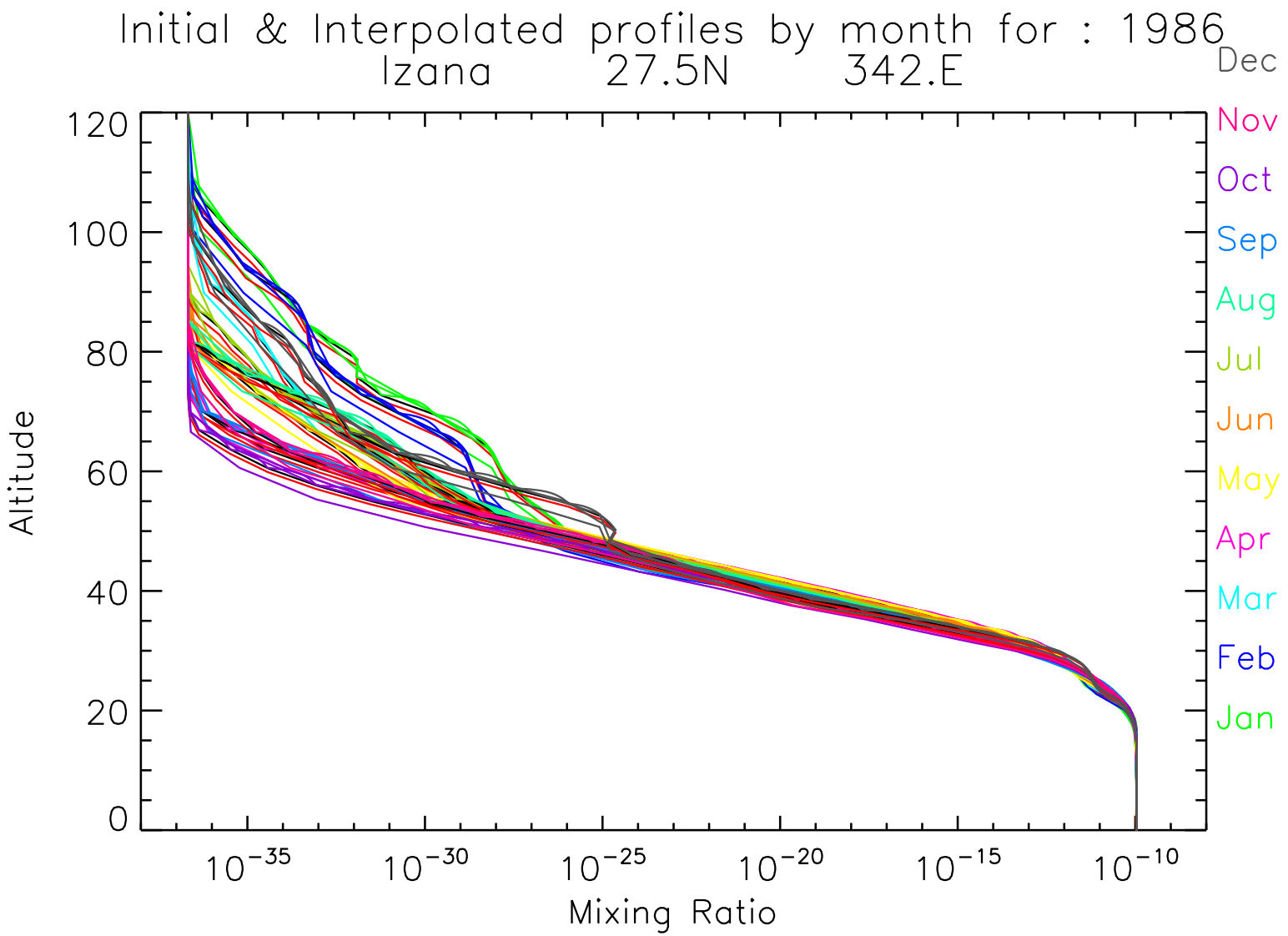
Mixing Ratio


Initial & Interpolated profiles by month for : 1986
Izana 27.5N 342.E
Dec
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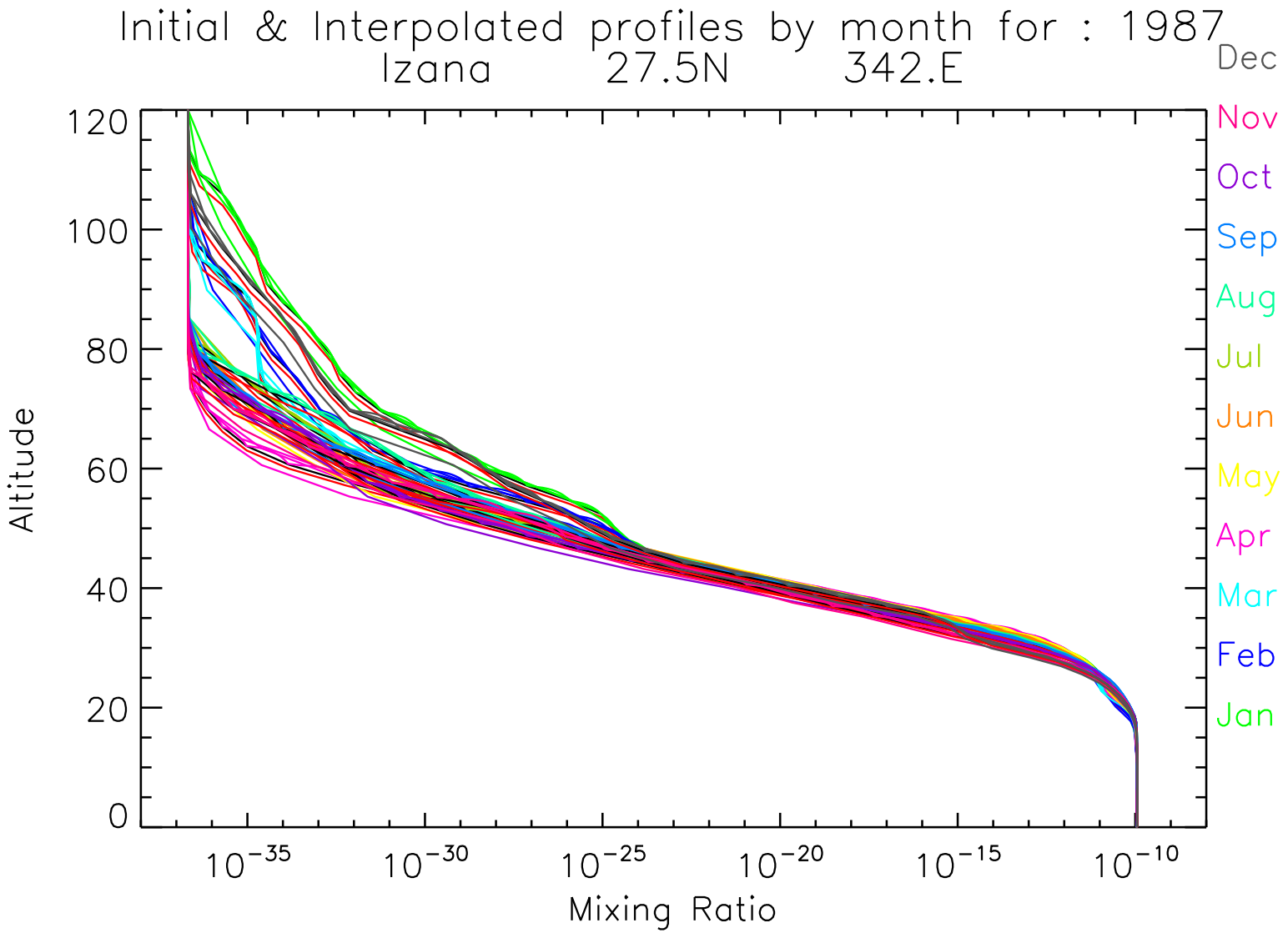
Mixing Ratio


Initial & Interpolated profiles by month for : 1987
Izana 27.5N 342.E
Dec
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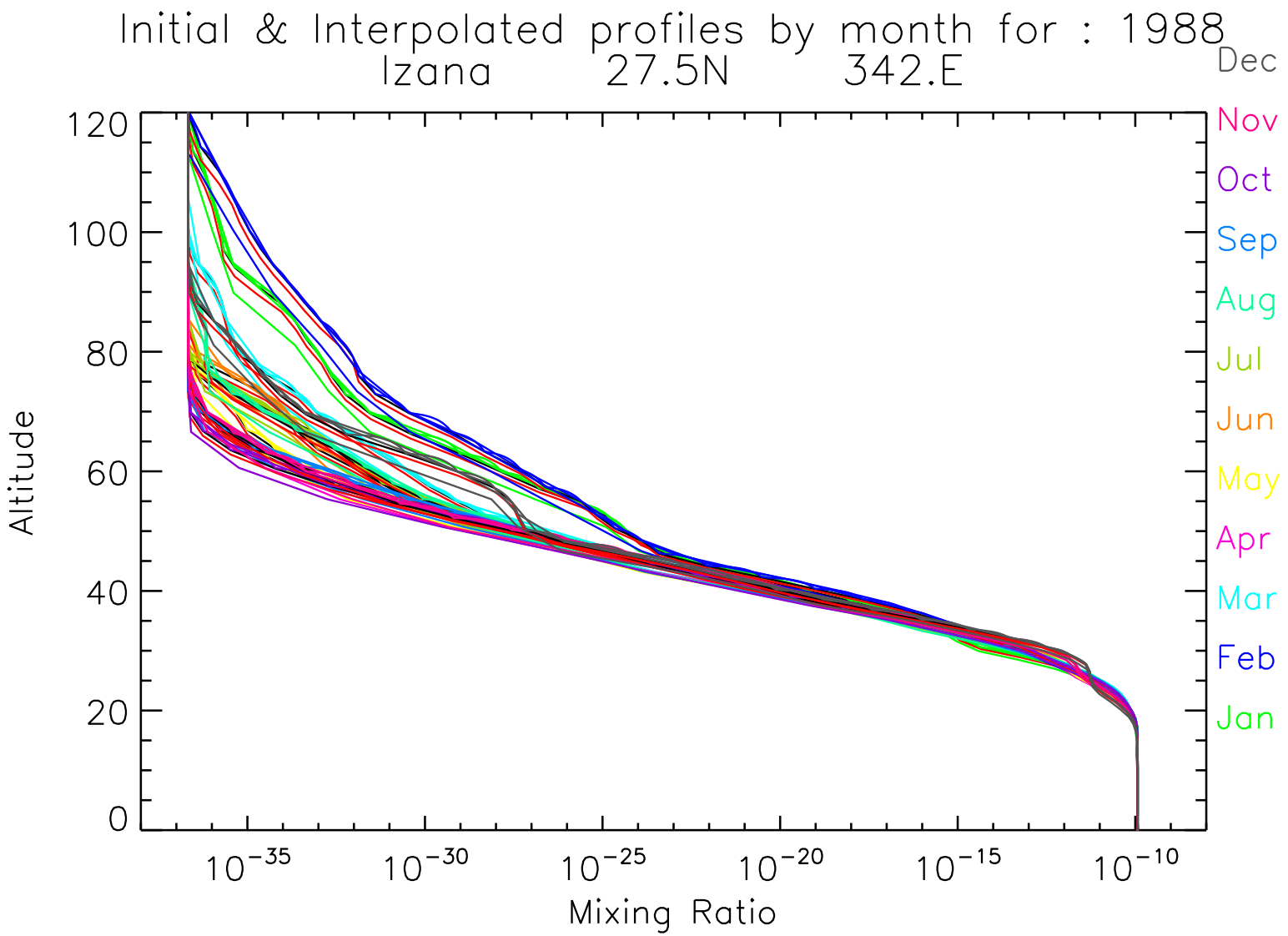
Mixing Ratio


Initial & Interpolated profiles by month for : 1988
Izana 27.5N 342.E
Dec
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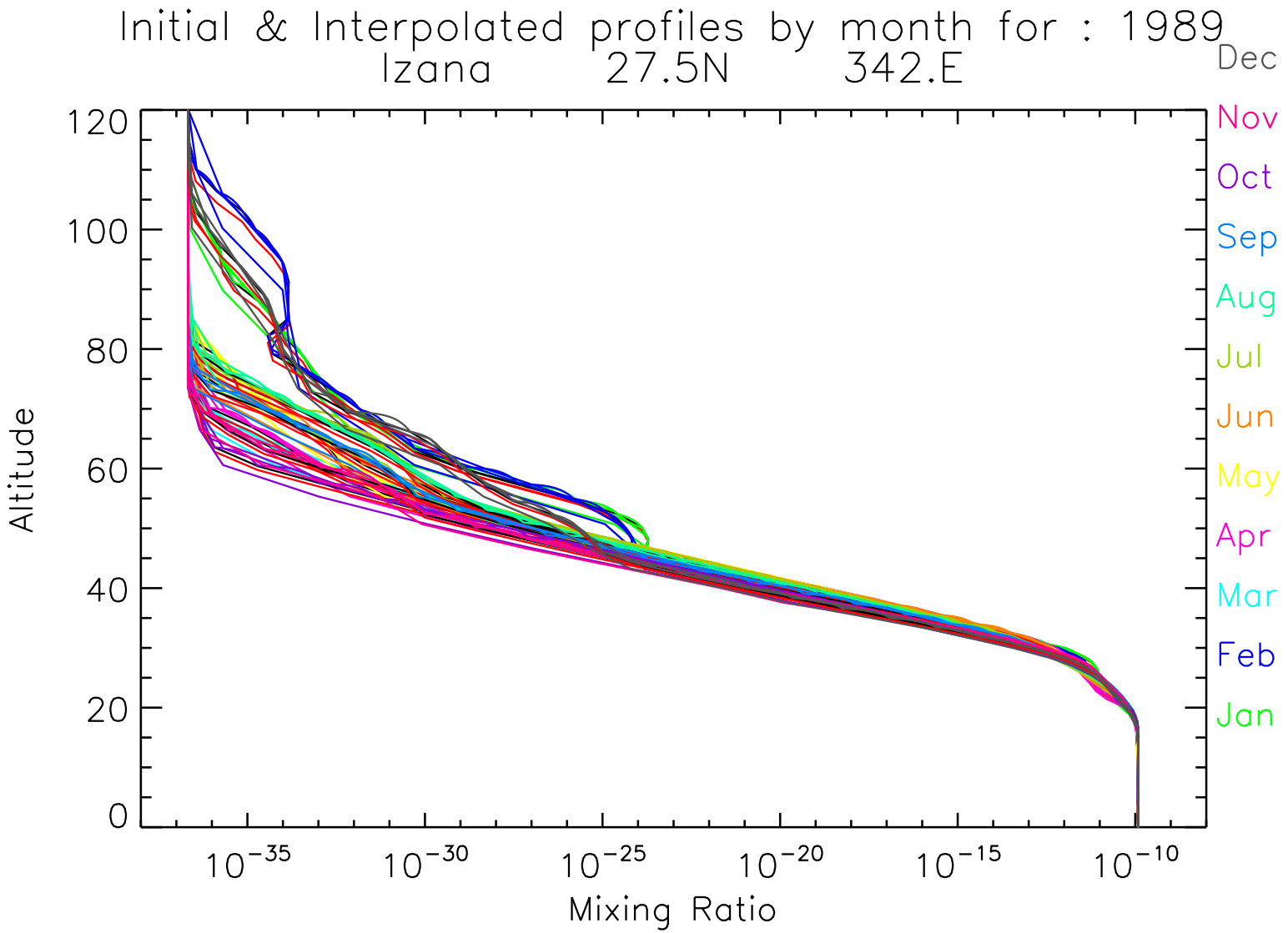
Mixing Ratio


Initial & Interpolated profiles by month for : 1989
Izana 27.5N 342.E
Dec
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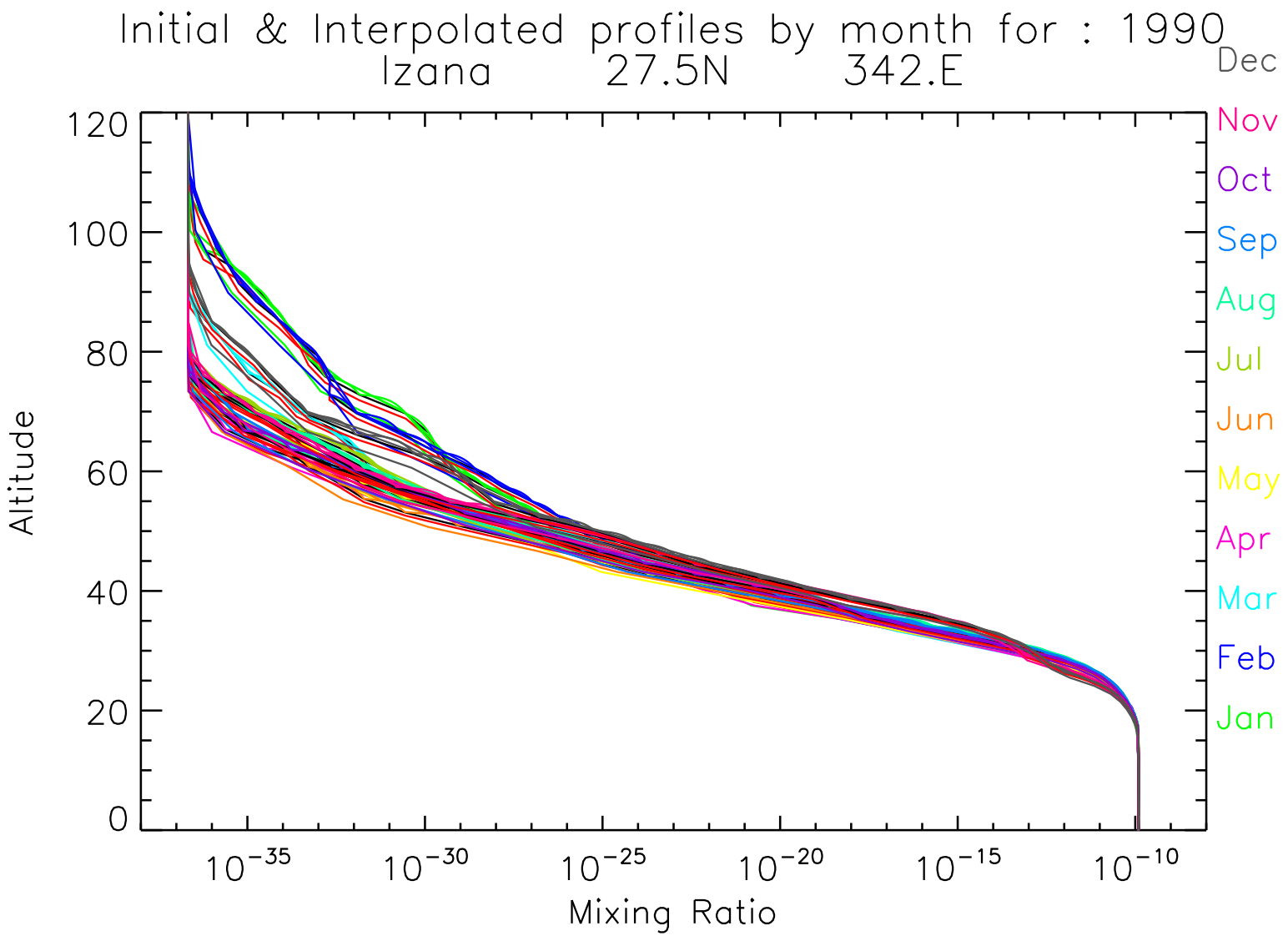
Mixing Ratio


Initial & Interpolated profiles by month for : 1990
Izana 27.5N 342.E
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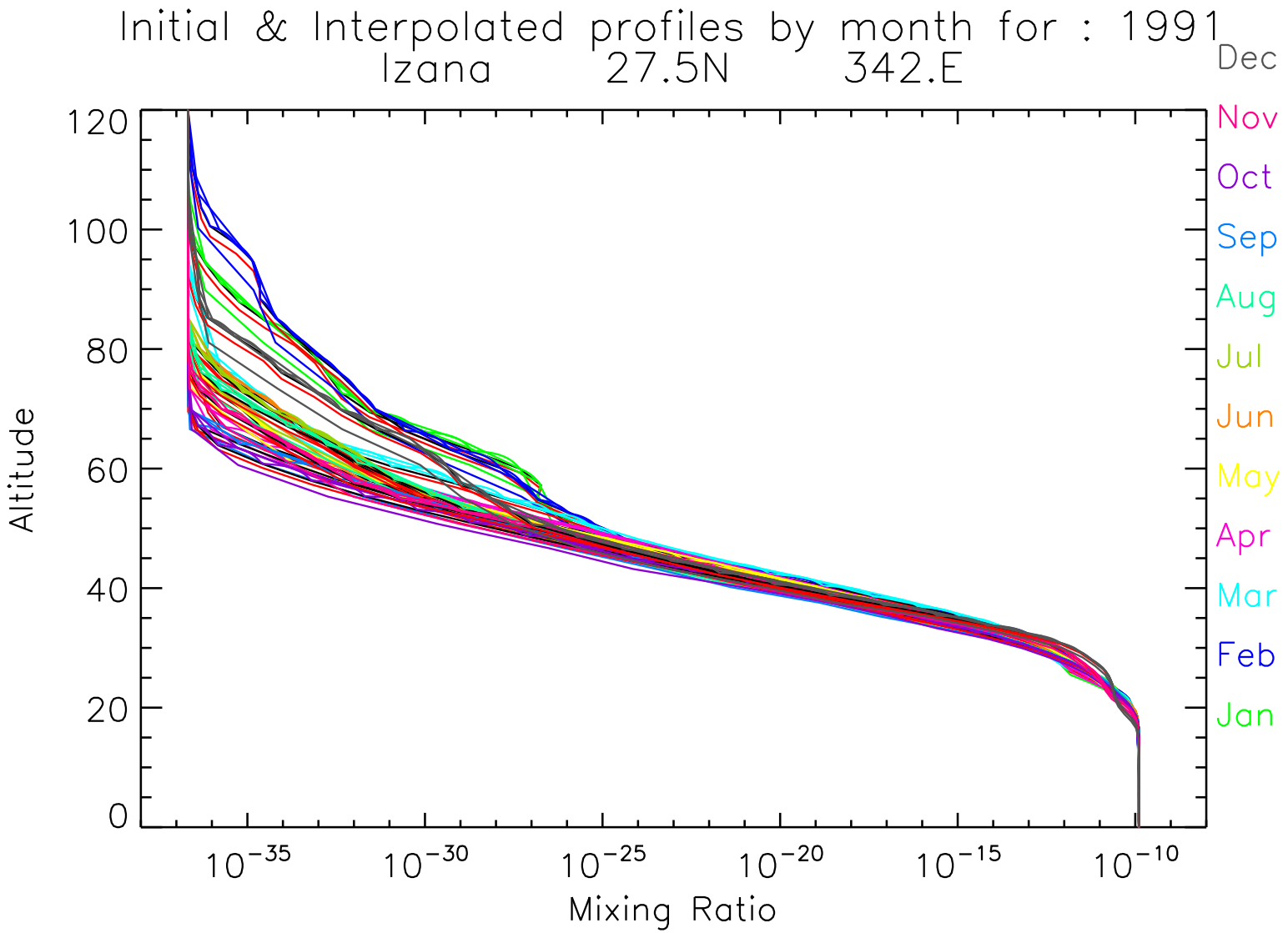
Mixing Ratio


Initial & Interpolated profiles by month for : 1991
Izana 27.5N 342.E
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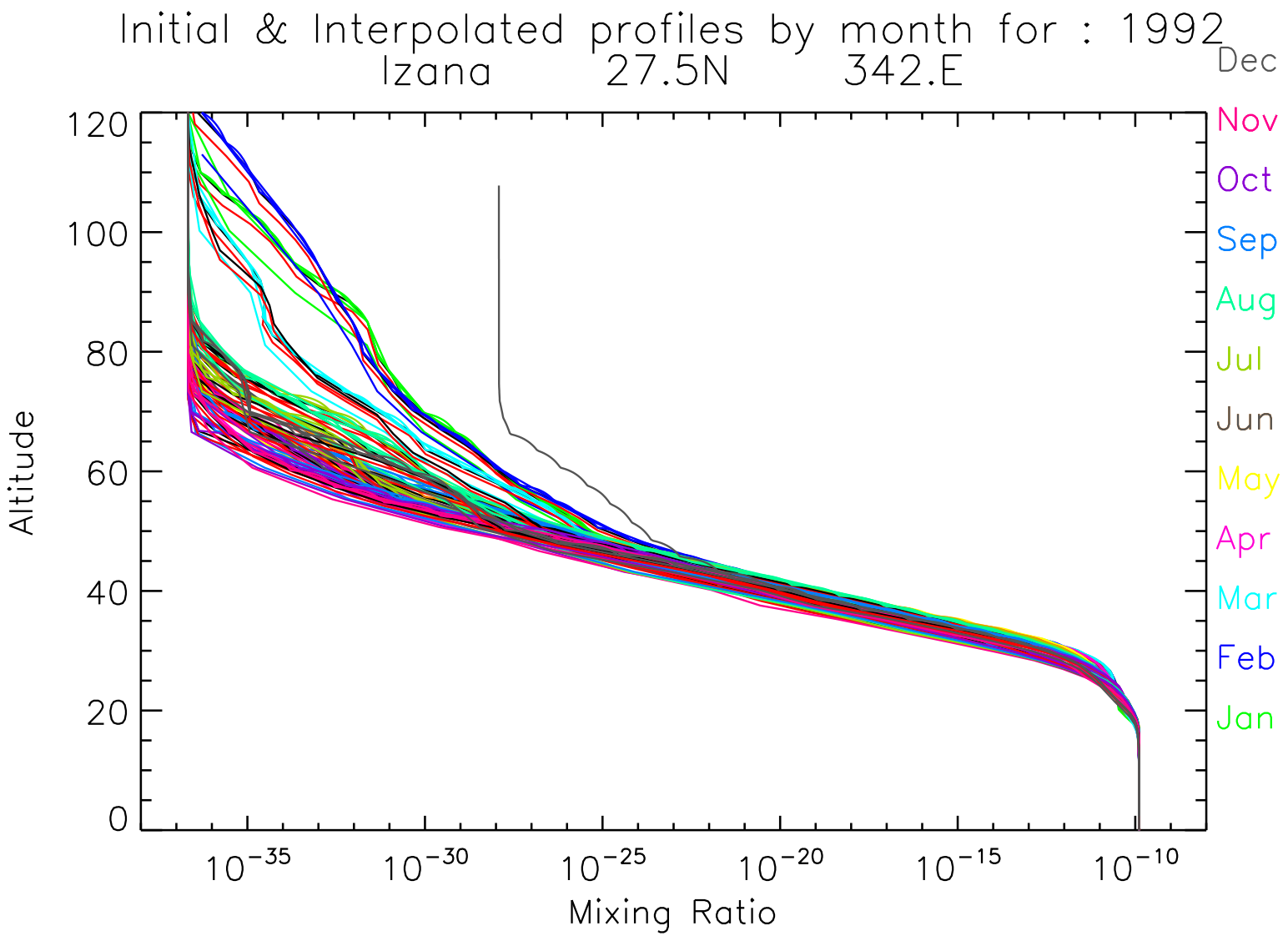
Mixing Ratio


Initial & Interpolated profiles by month for : 1992
Izana 27.5N 342.E
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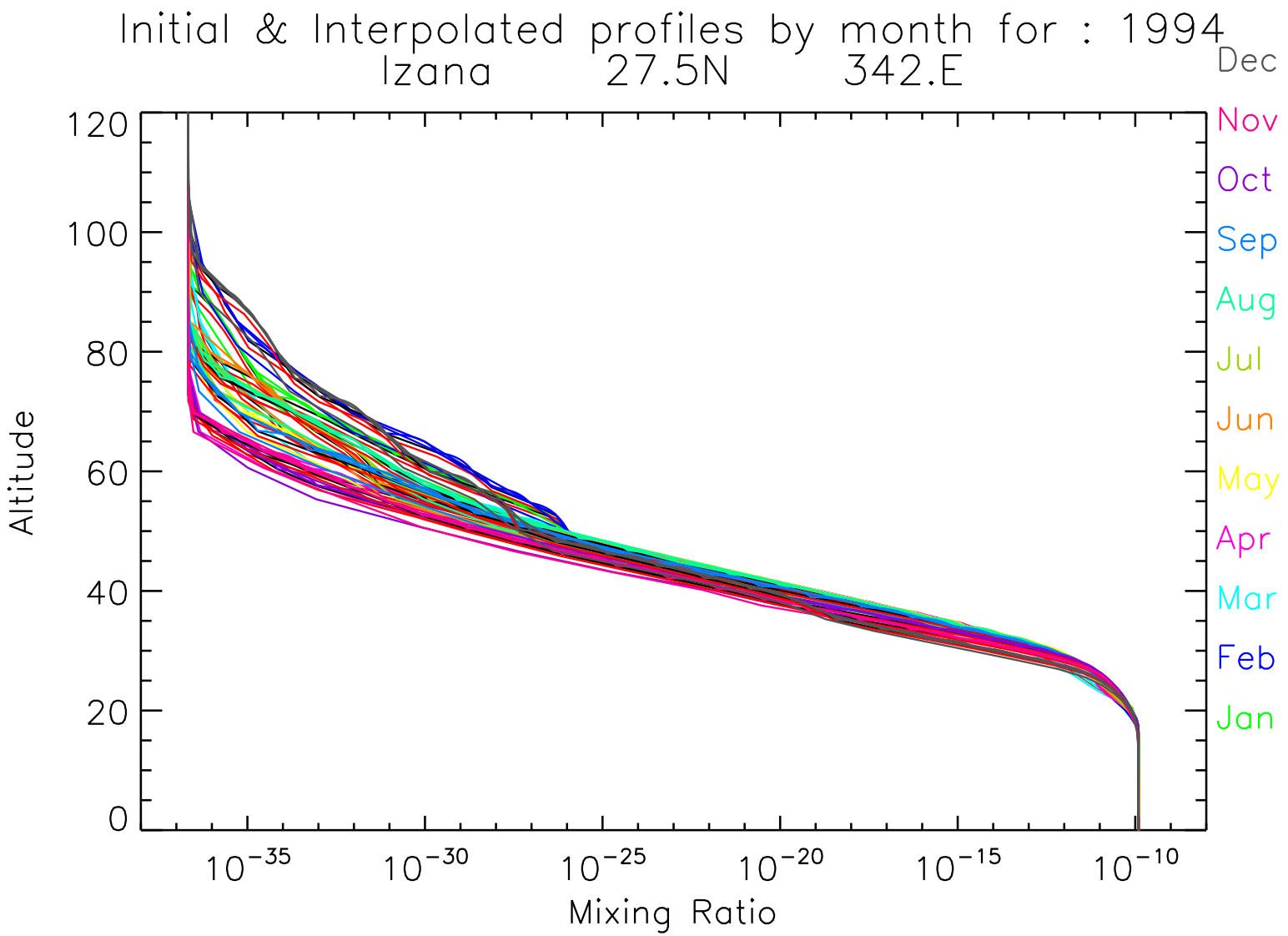
Mixing Ratio


Initial & Interpolated profiles by month for : 1994
Izana 27.5N 342.E
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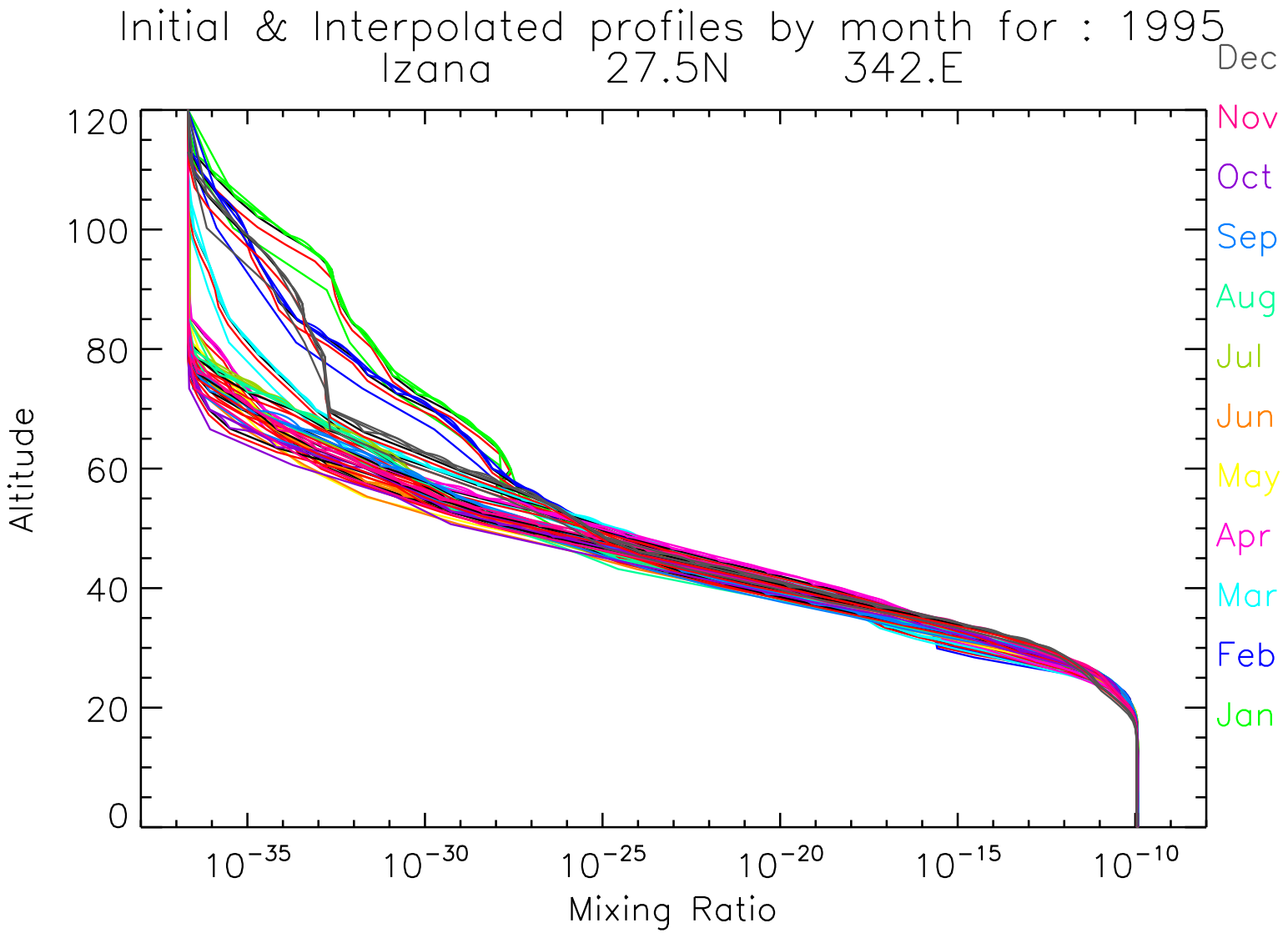
Mixing Ratio


Initial & Interpolated profiles by month for : 1995
Izana 27.5N 342.E
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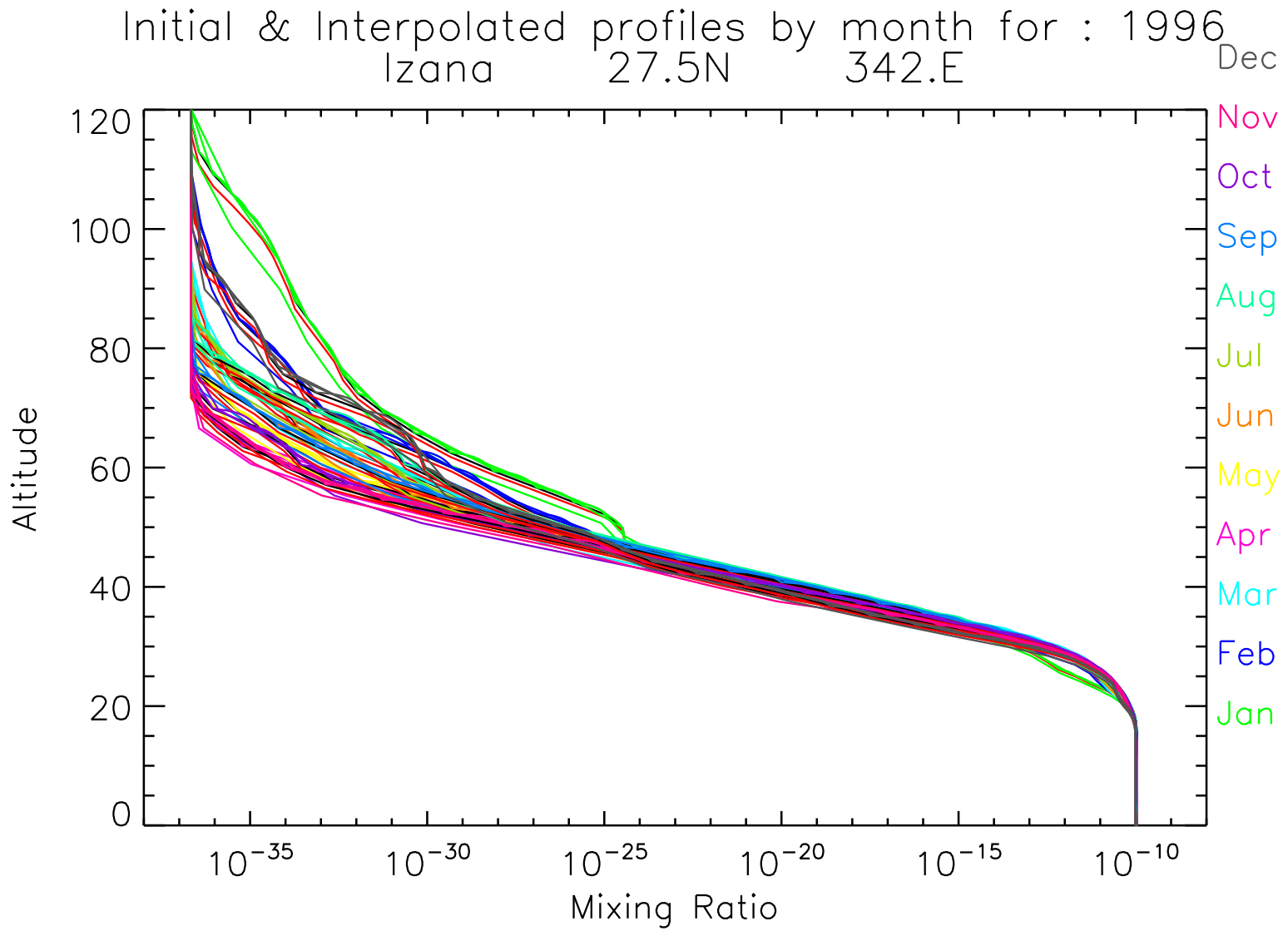
Mixing Ratio


Initial & Interpolated profiles by month for : 1996
Izana 27.5N 342.E
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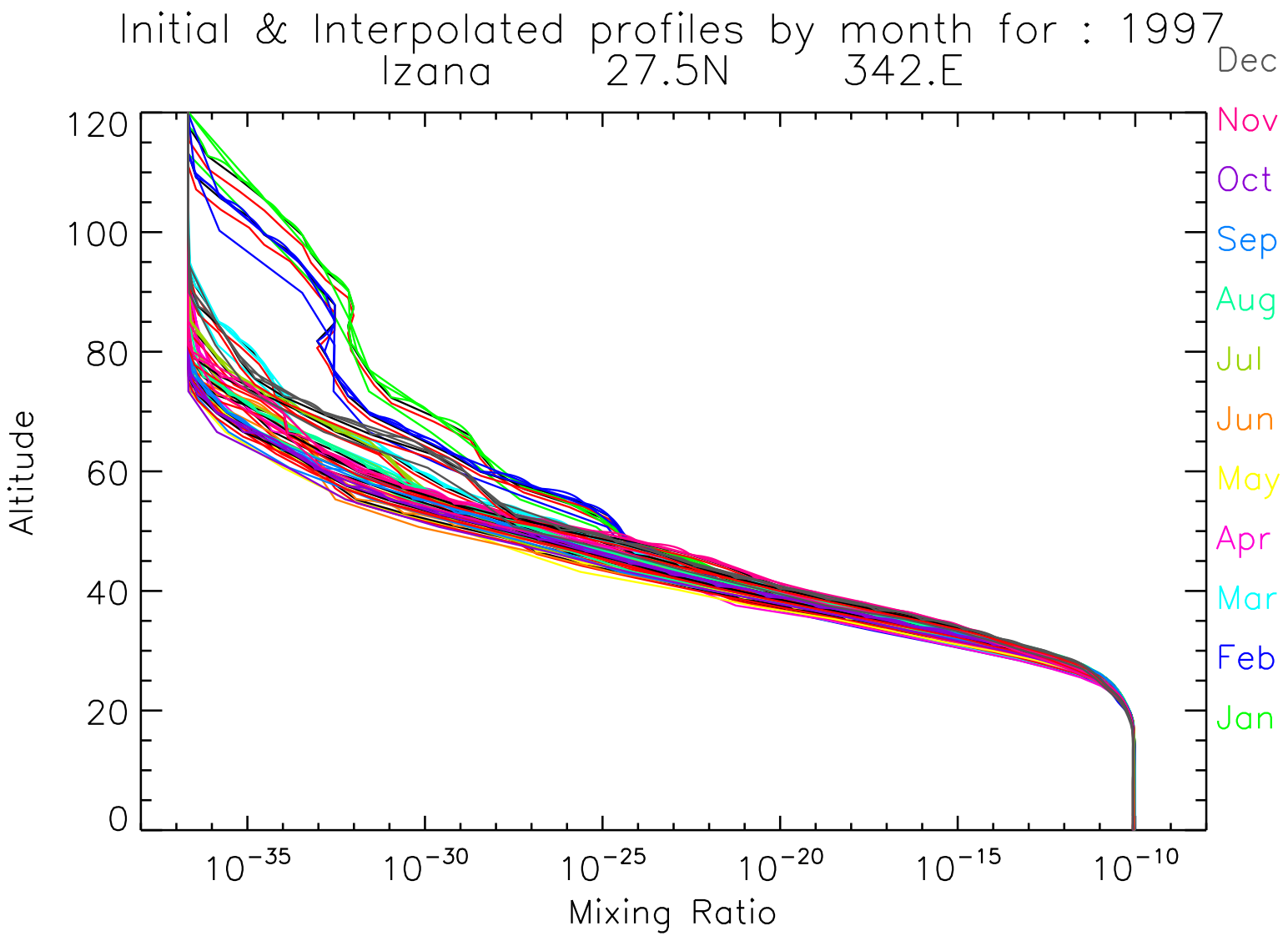
Mixing Ratio


Initial & Interpolated profiles by month for : 1997
Izana 27.5N 342.E
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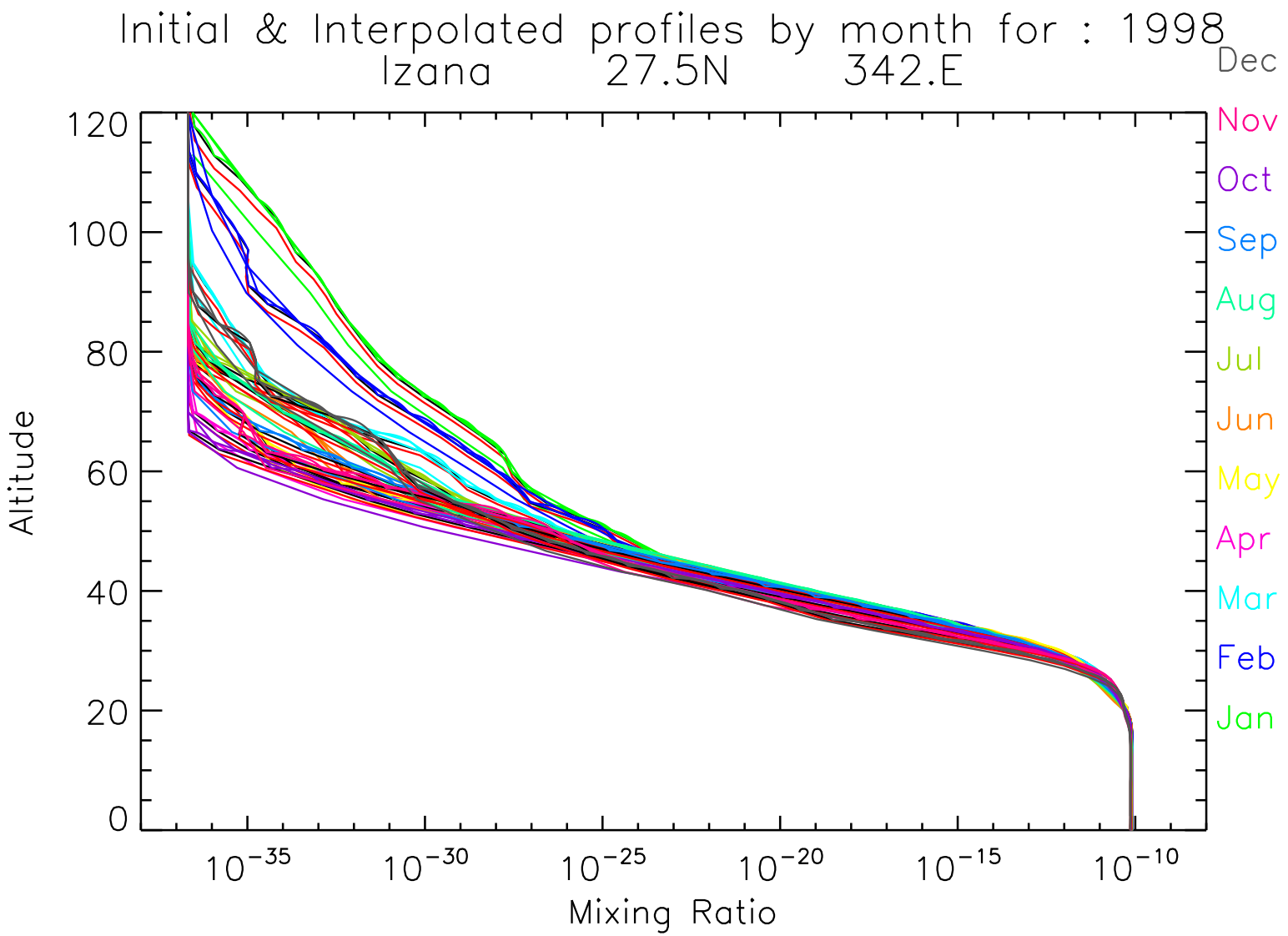
Mixing Ratio


Initial & Interpolated profiles by month for : 1998
Izana 27.5N 342.E
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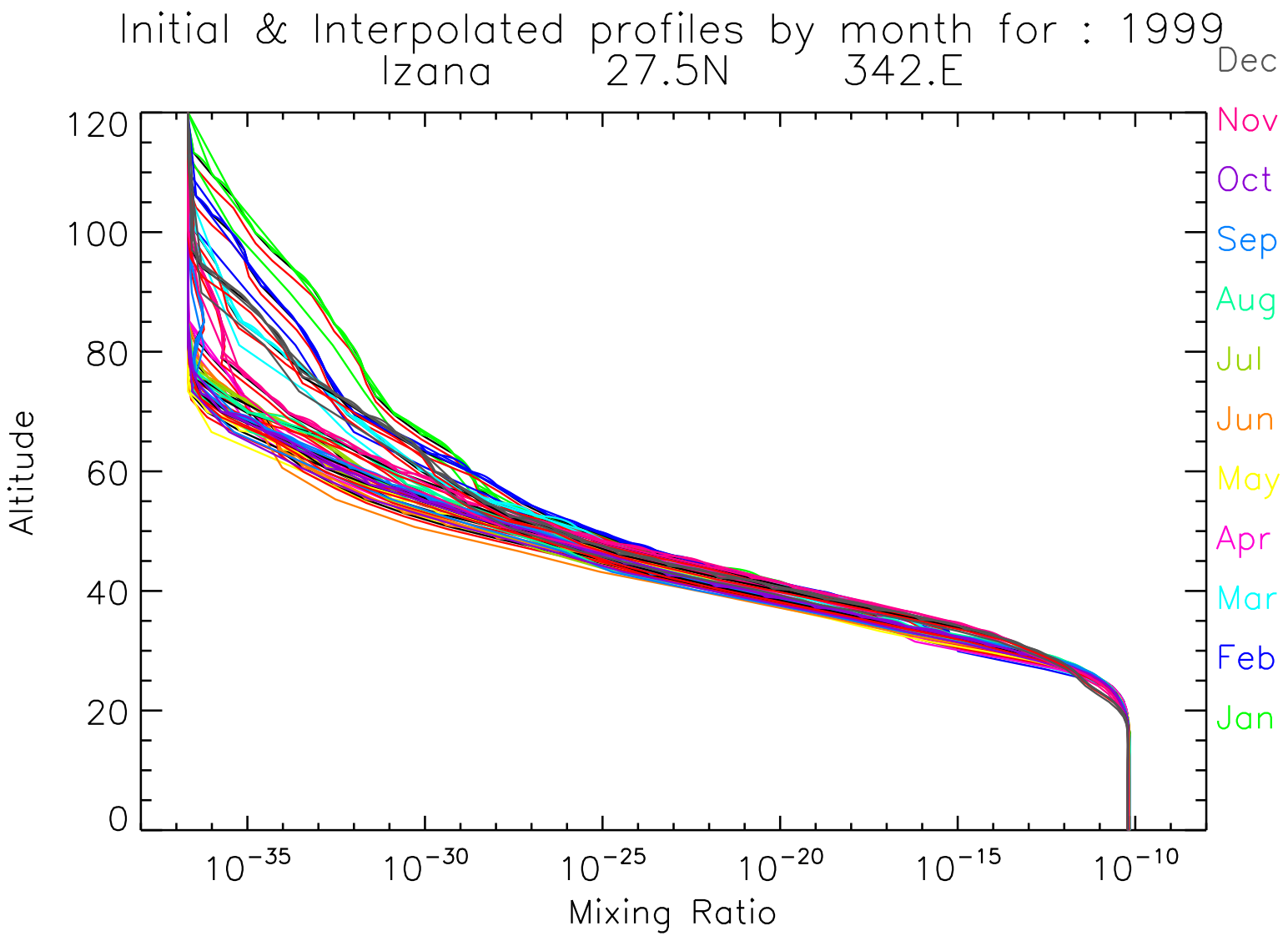
Mixing Ratio


Initial & Interpolated profiles by month for : 1999
Izana 27.5N 342.E
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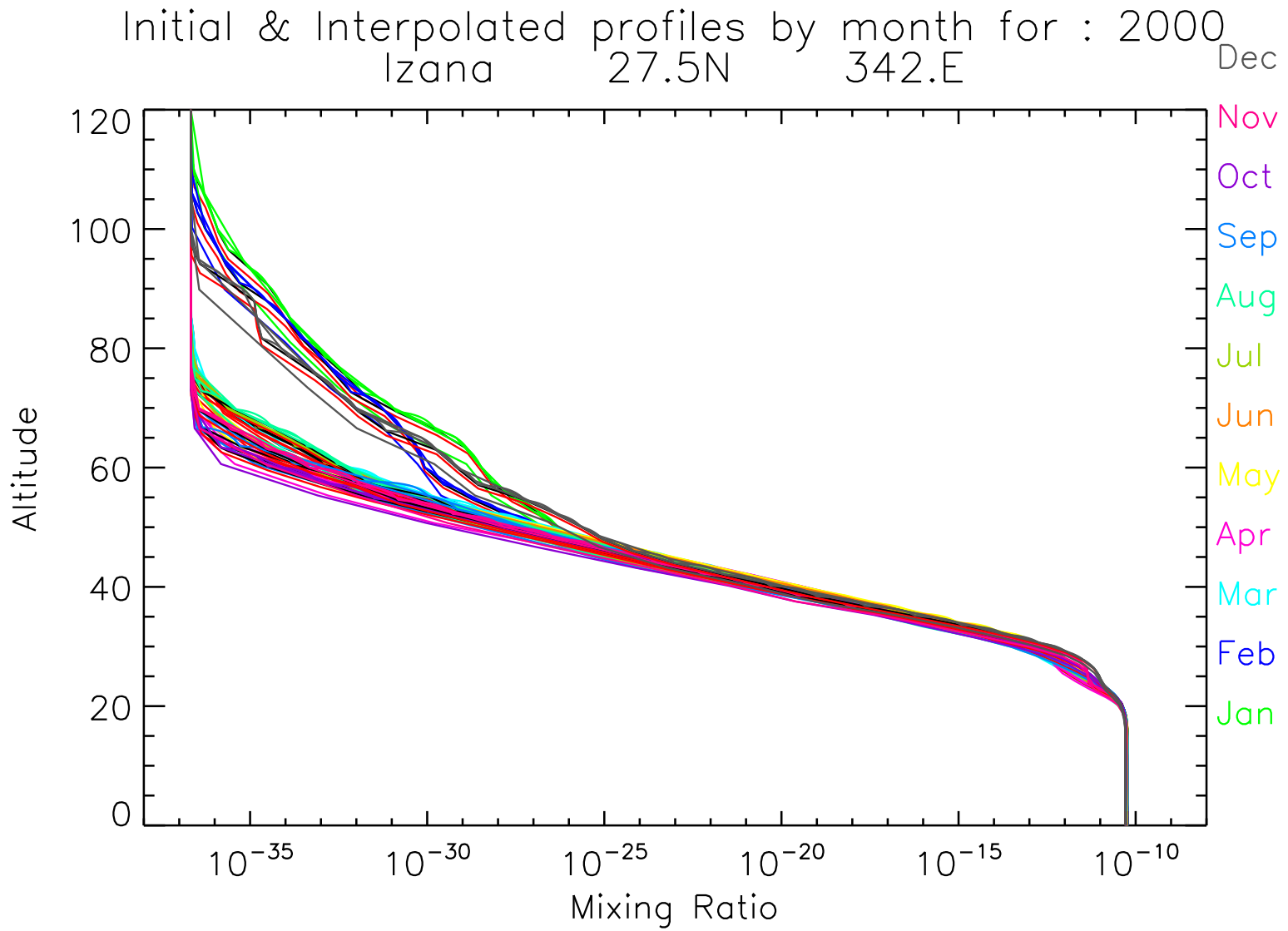
Mixing Ratio


Initial & Interpolated profiles by month for : 2000
Izana 27.5N 342.E
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Altitude
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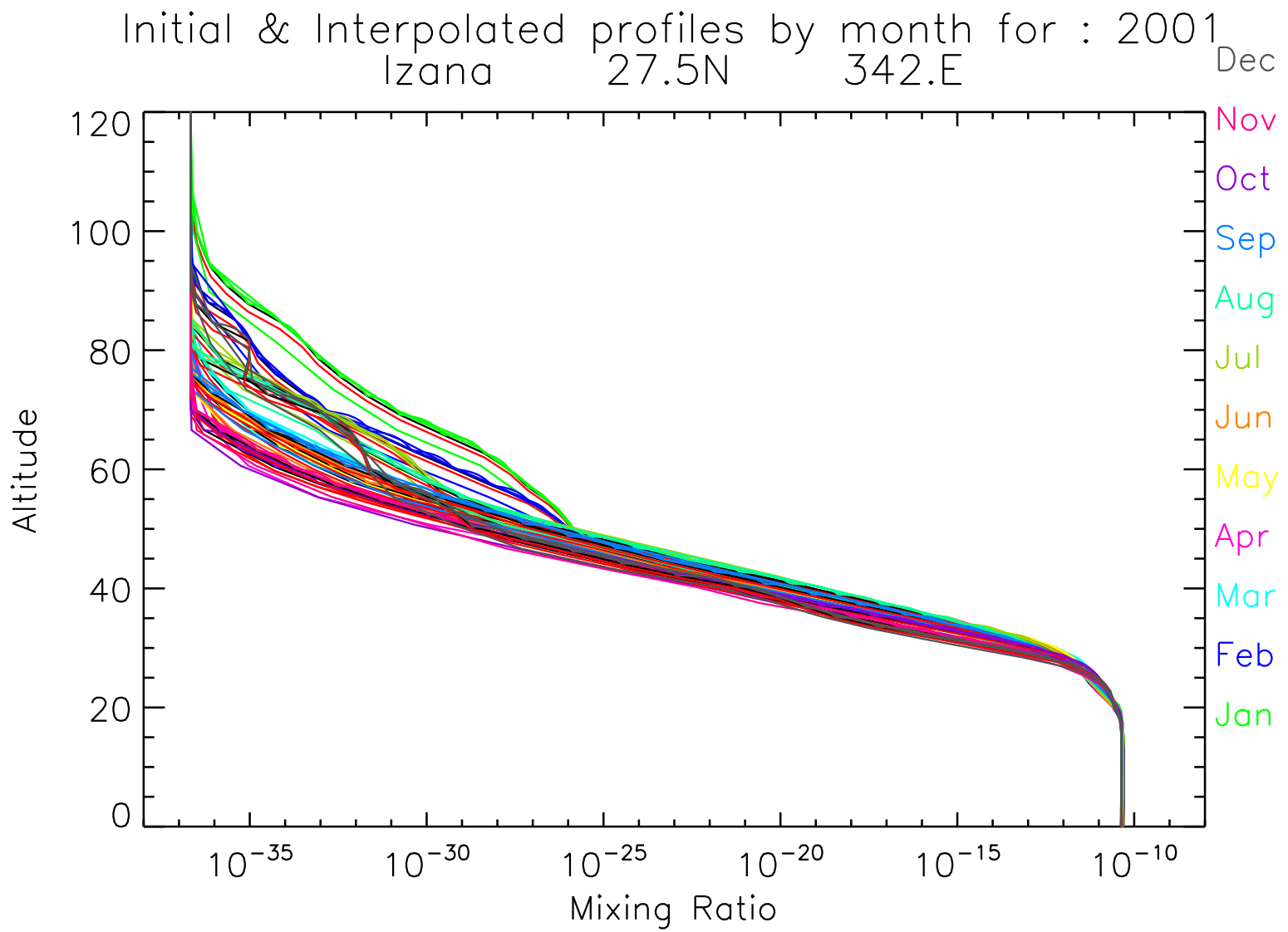
Mixing Ratio


Initial & Interpolated profiles by month for : 2001
Izana 27.5N 342.E
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Altitude
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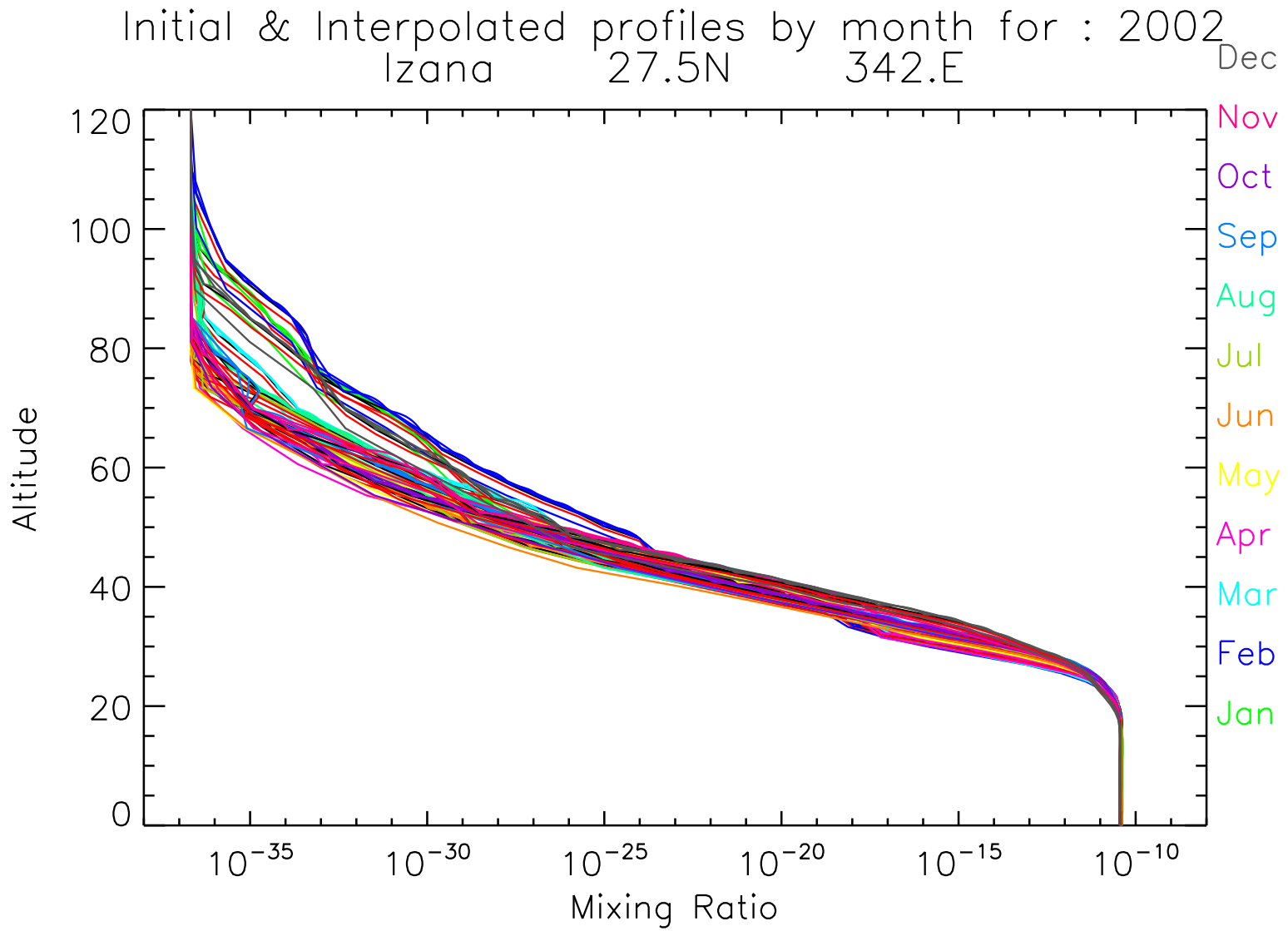
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2002
Izana 27.5N 342.E
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120
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Altitude
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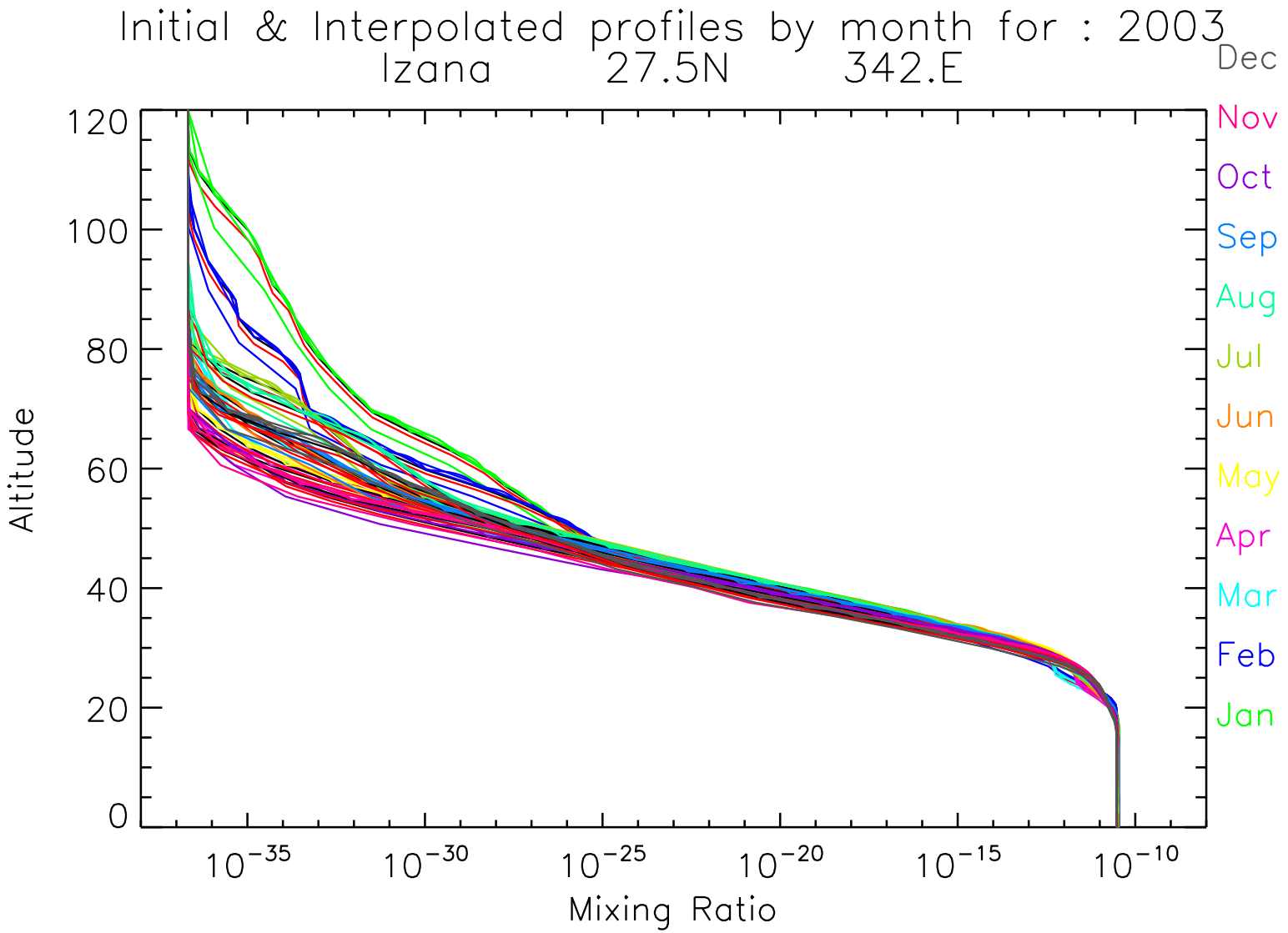
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2003
Izana 27.5N 342.E
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Altitude
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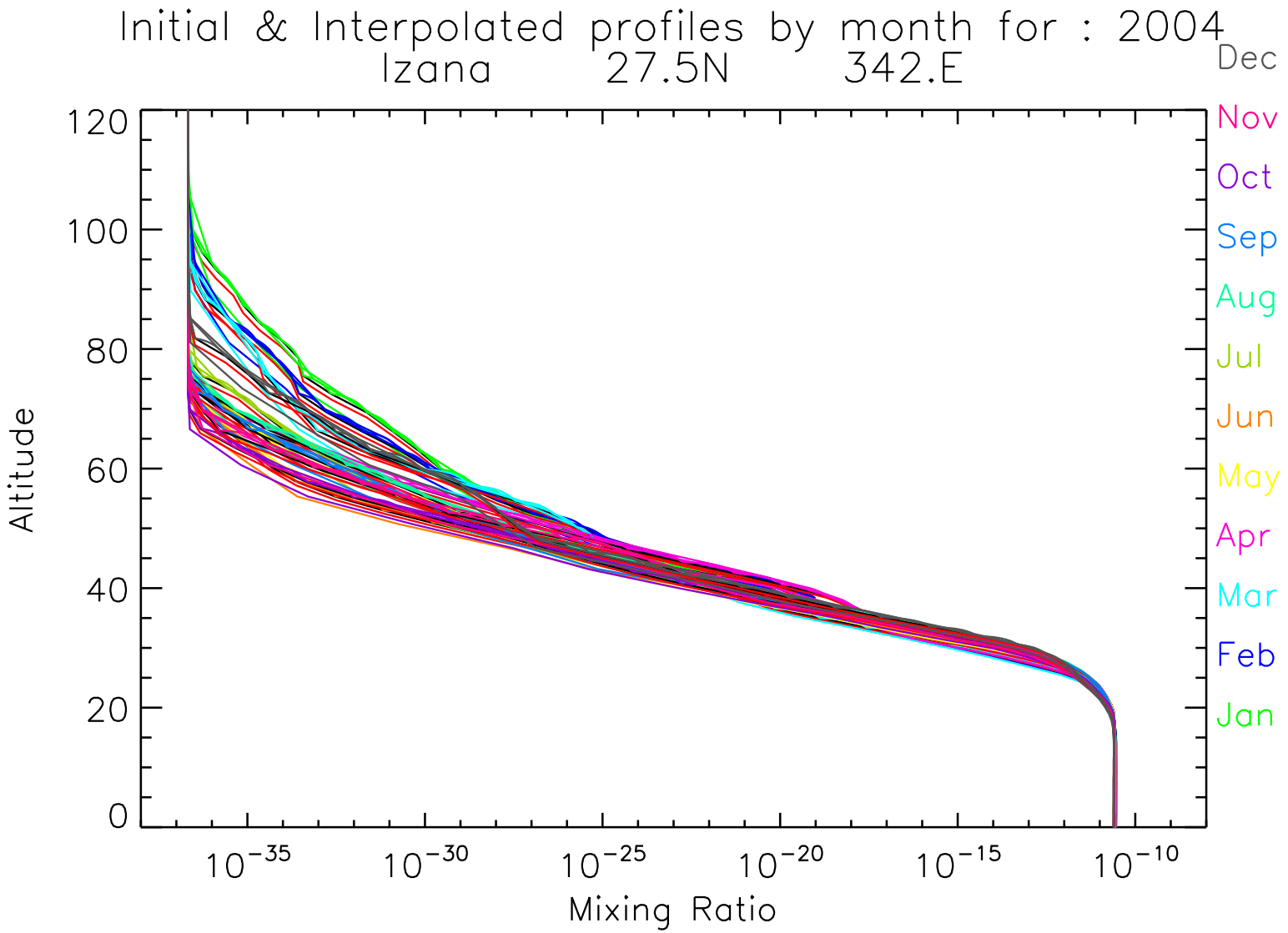
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2004
Izana 27.5N 342.E
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Altitude
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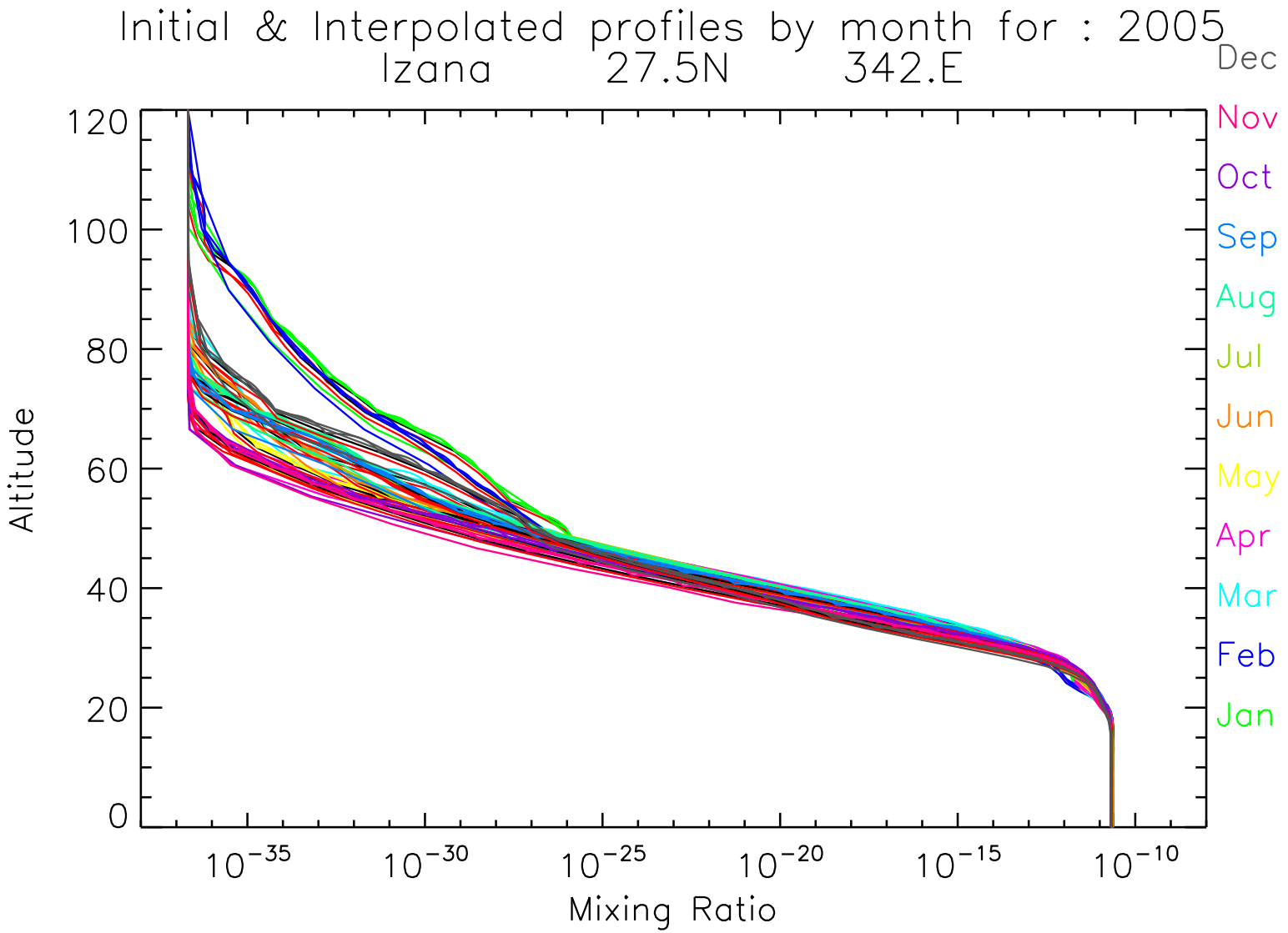
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2005
Izana 27.5N 342.E
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Altitude
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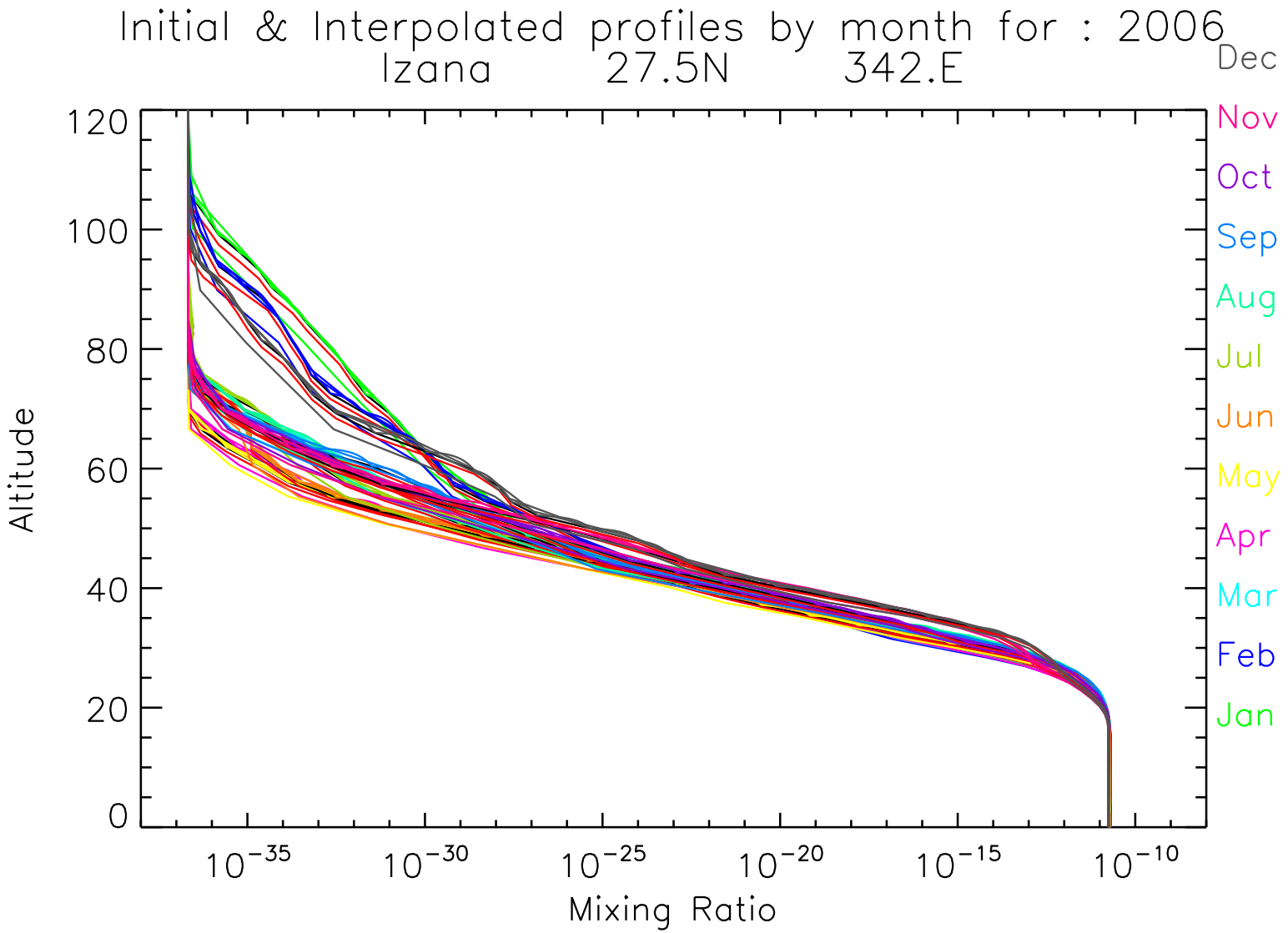
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2006
Izana 27.5N 342.E
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Altitude
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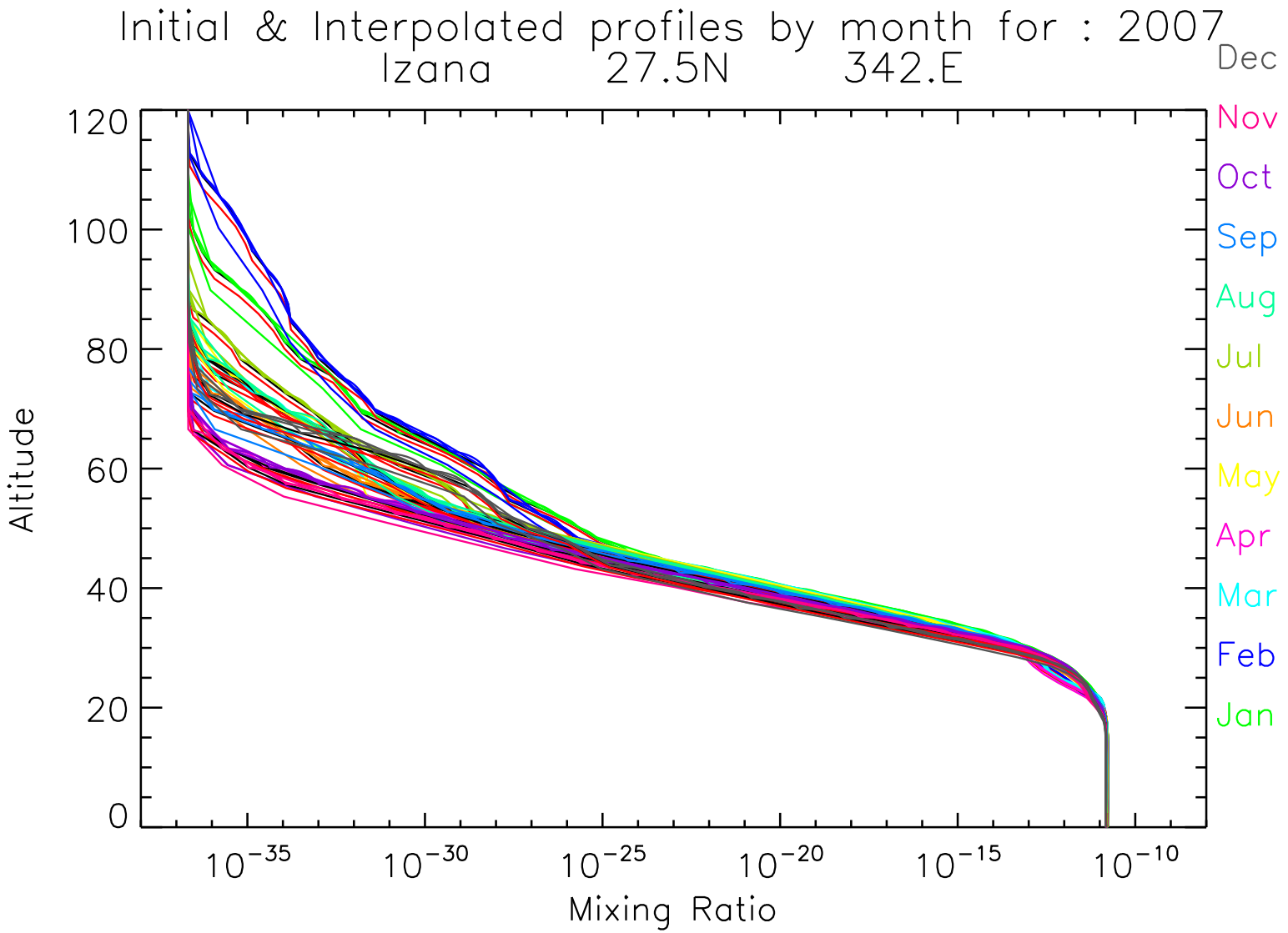
Mixing Ratio


Initial & Interpolated profiles by month for : 2007
Izana 27.5N 342.E
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Altitude
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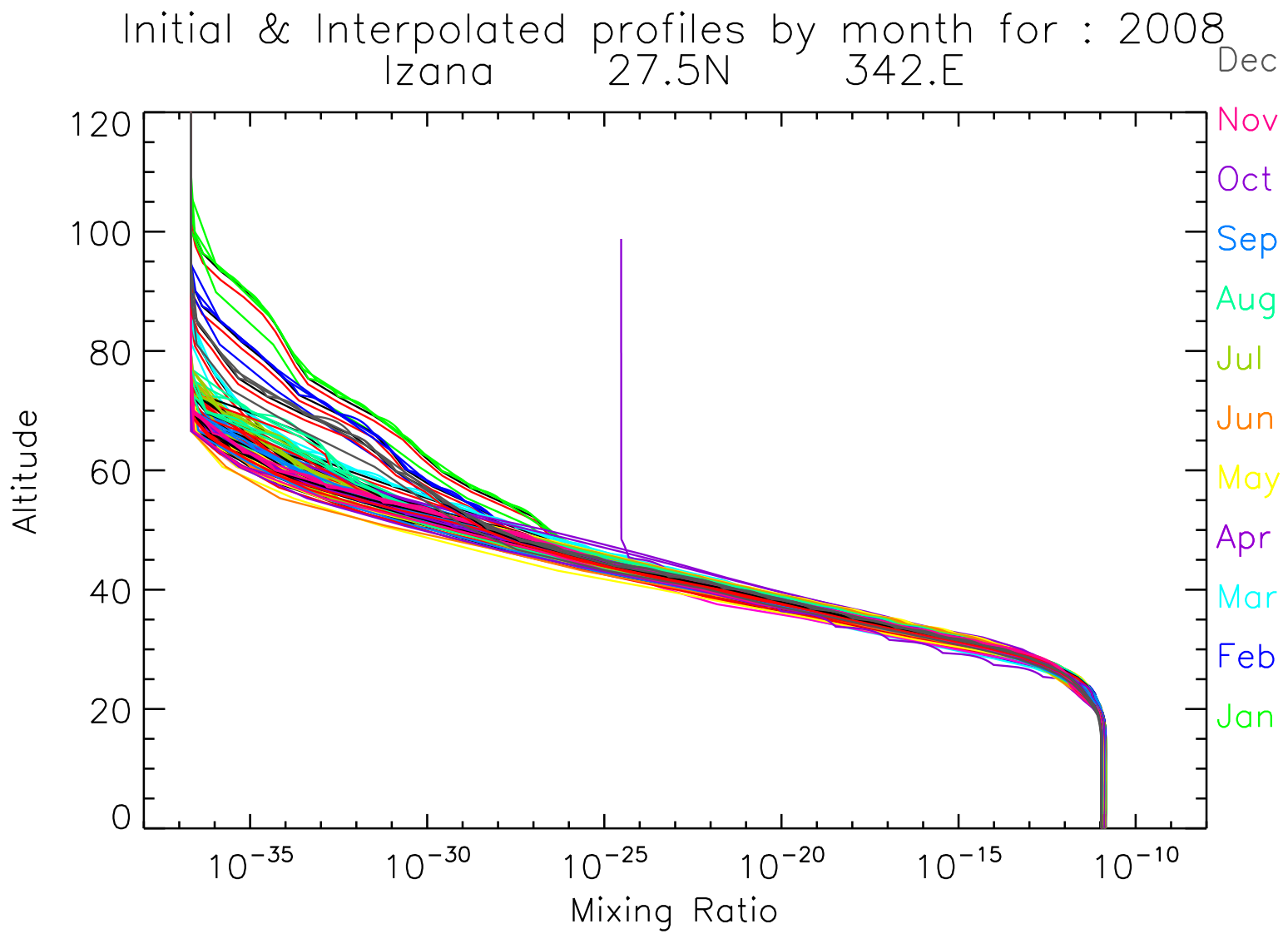
Mixing Ratio


Initial & Interpolated profiles by month for : 2008
Izana 27.5N 342.E
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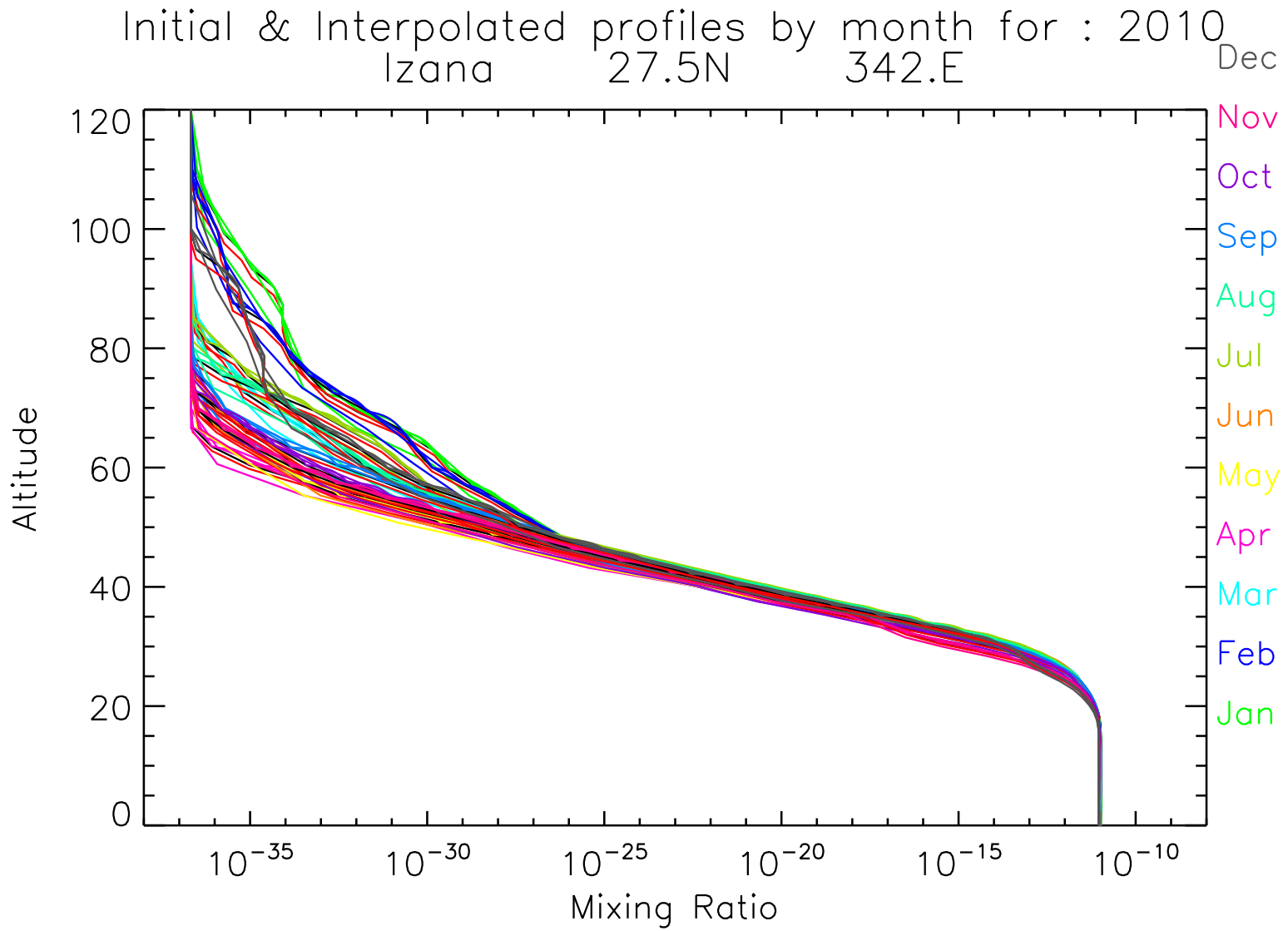
Mixing Ratio


Initial & Interpolated profiles by month for : 2010
Izana 27.5N 342.E
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Altitude
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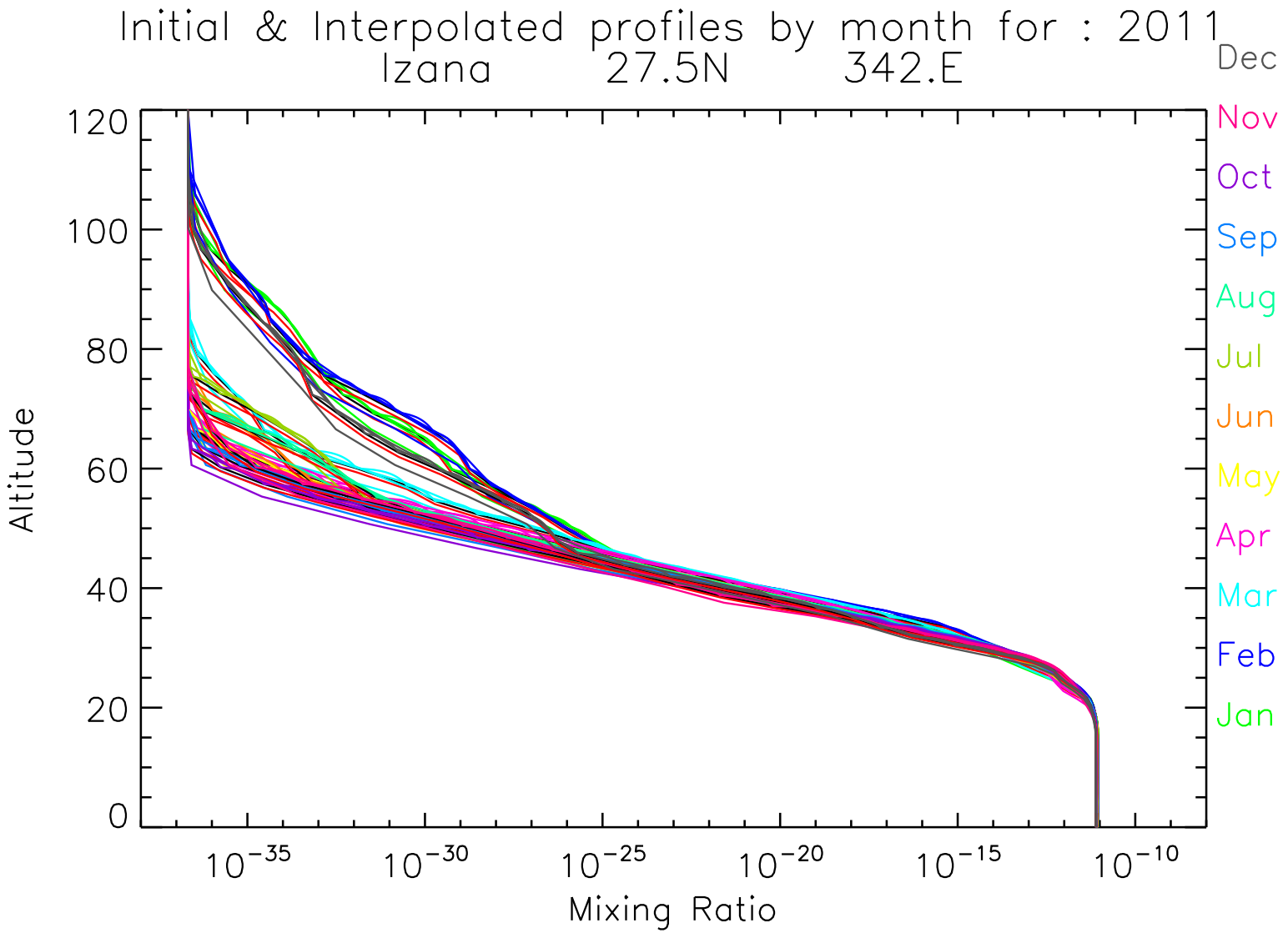
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2011
Izana 27.5N 342.E
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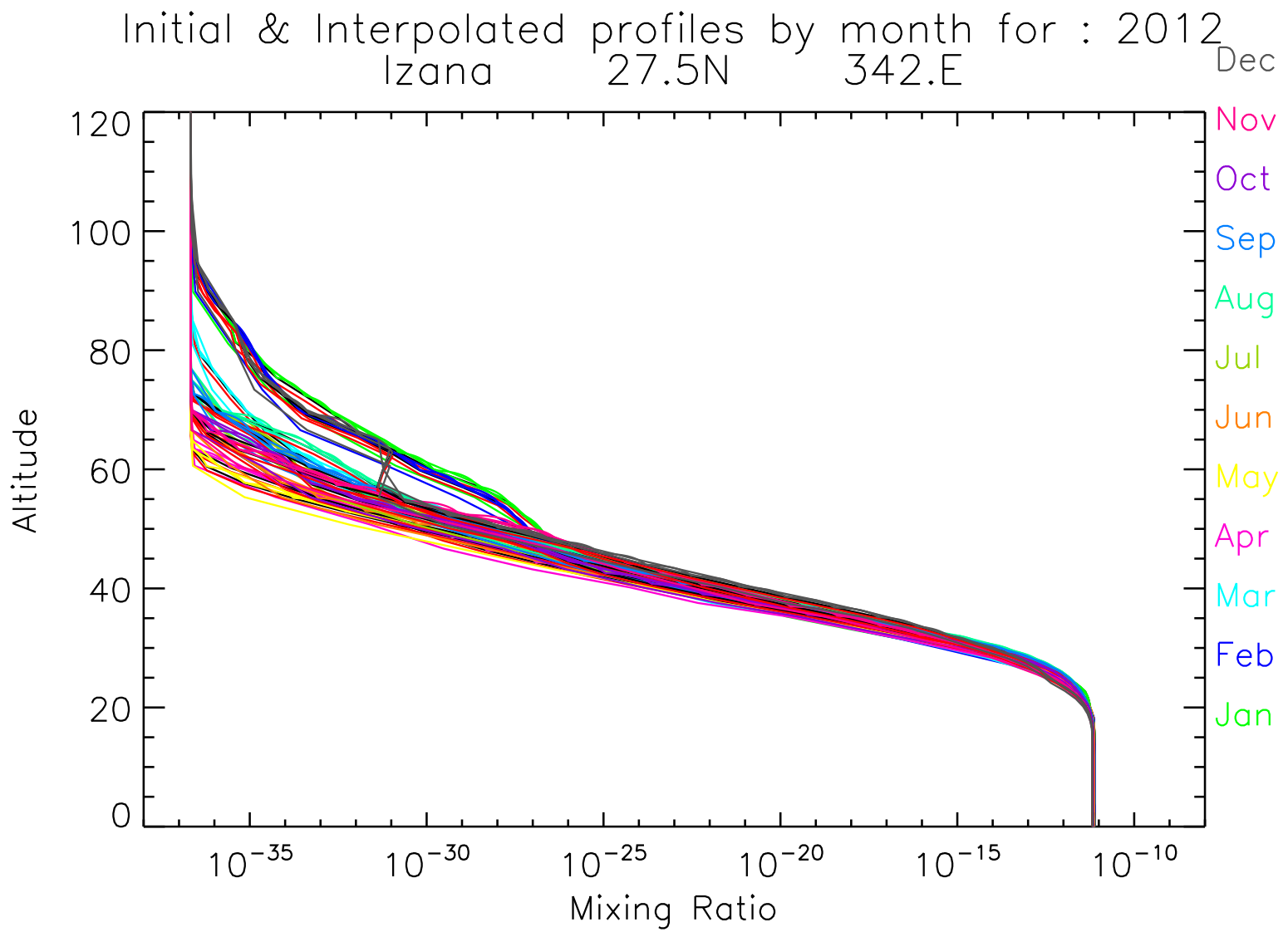
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2012
Izana 27.5N 342.E
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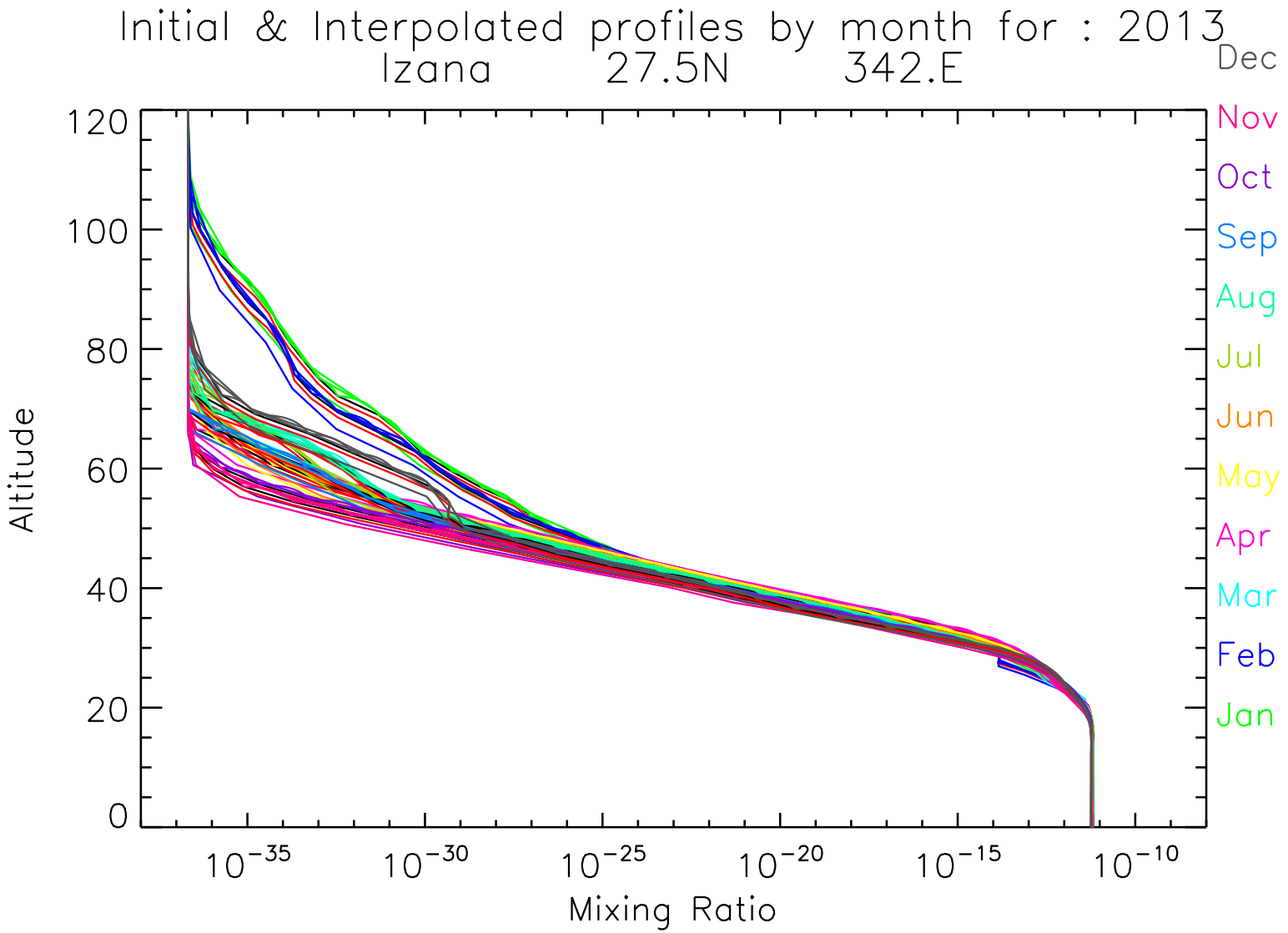
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2013
Izana 27.5N 342.E
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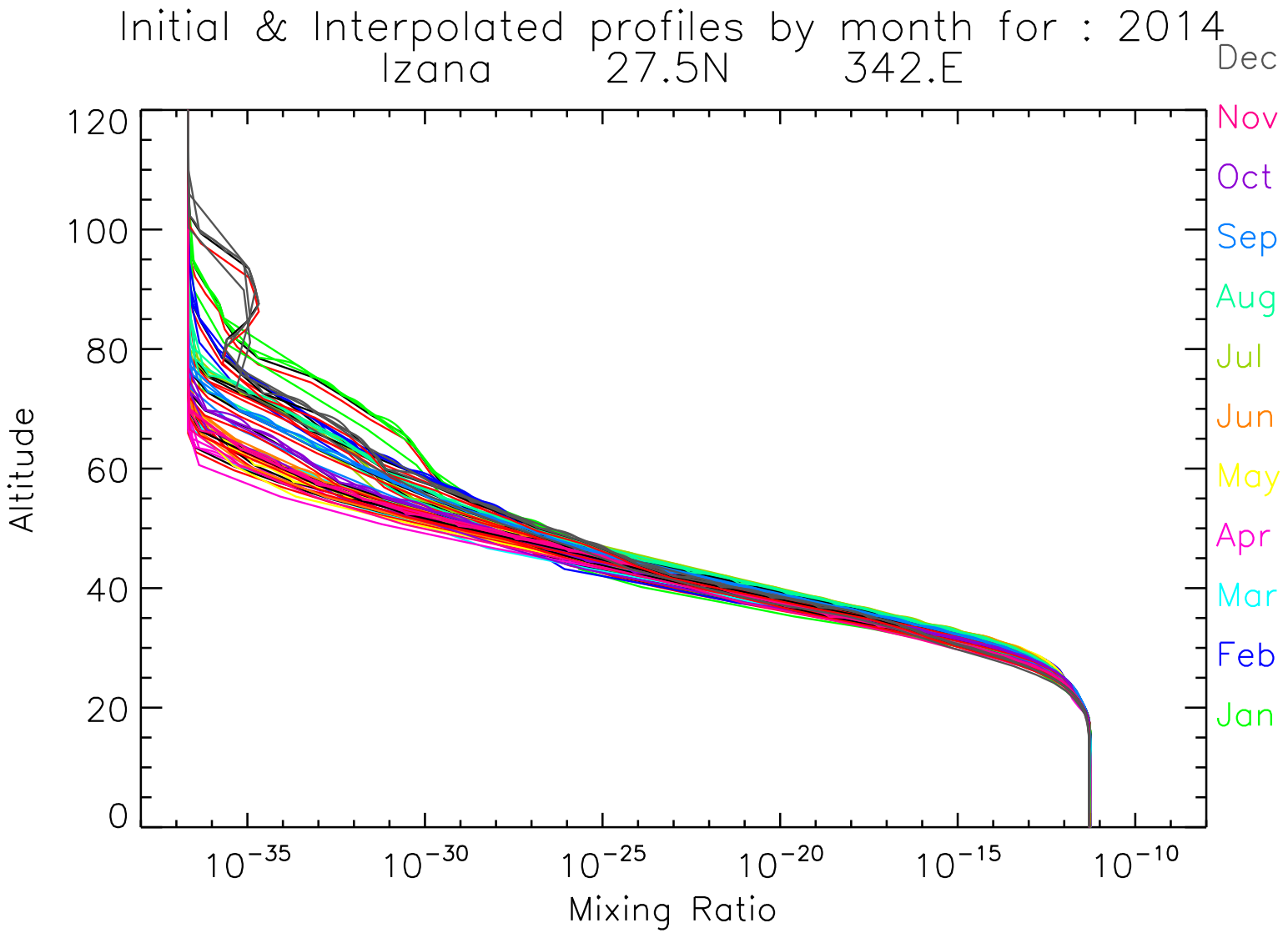
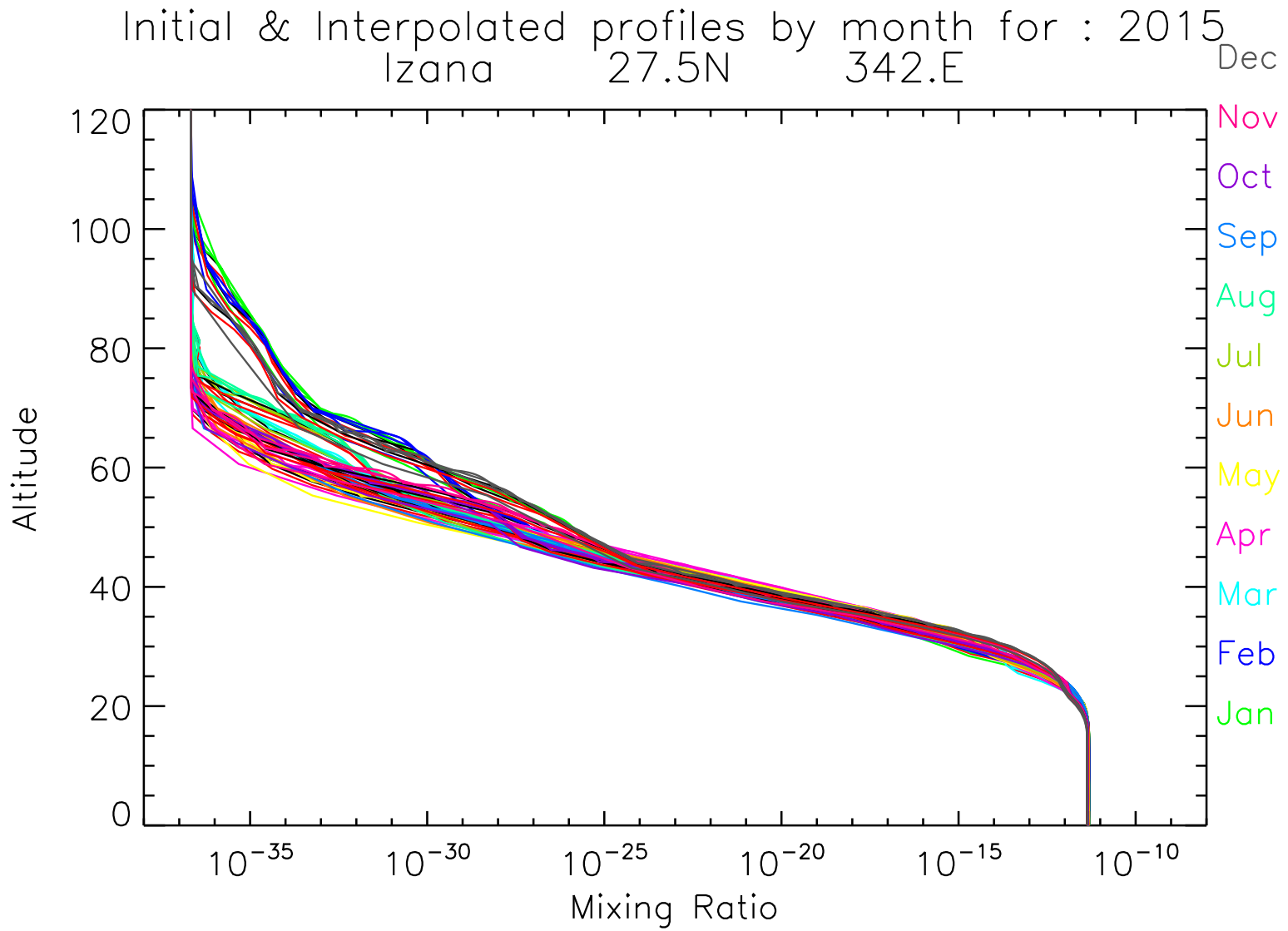
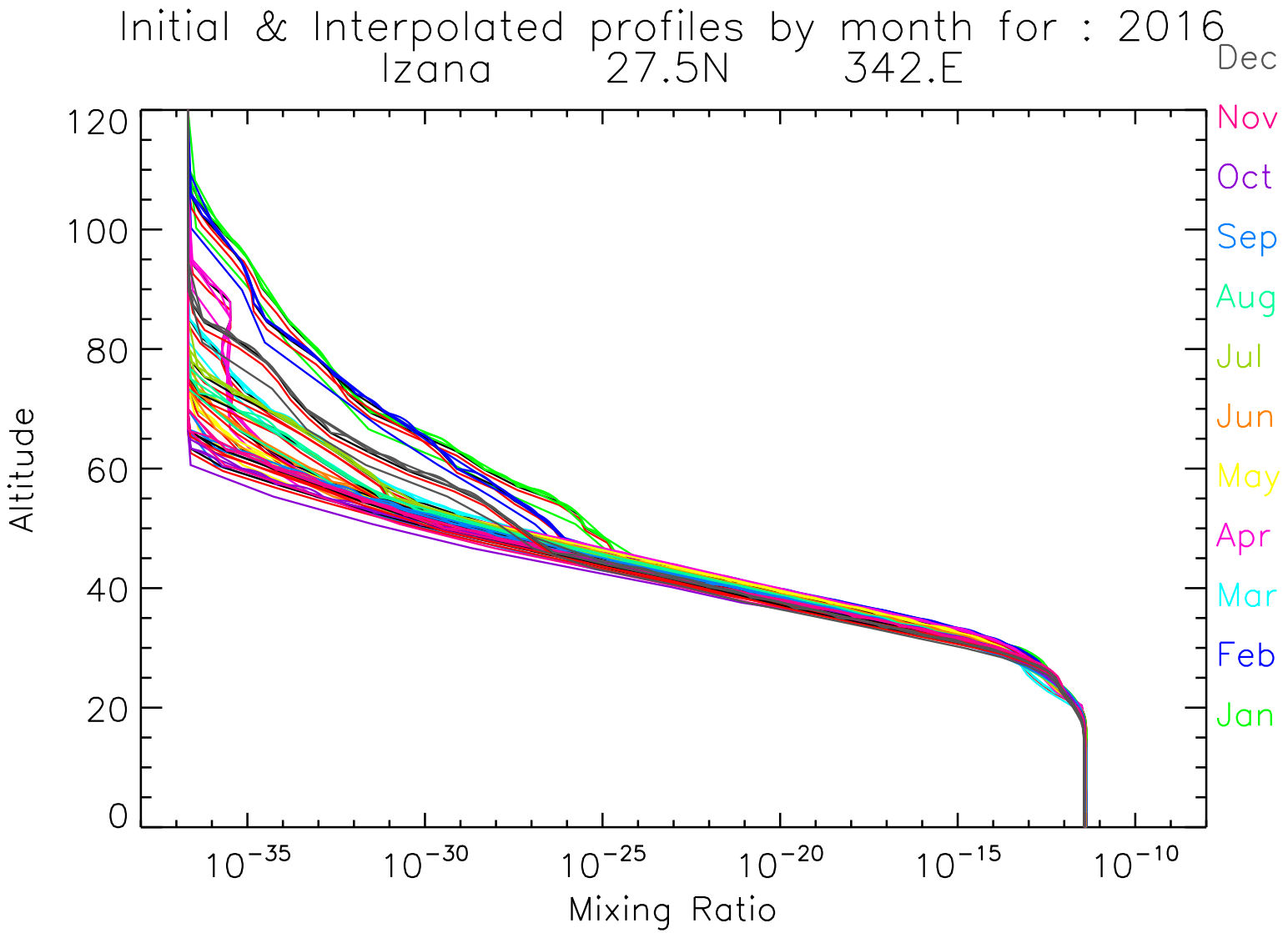
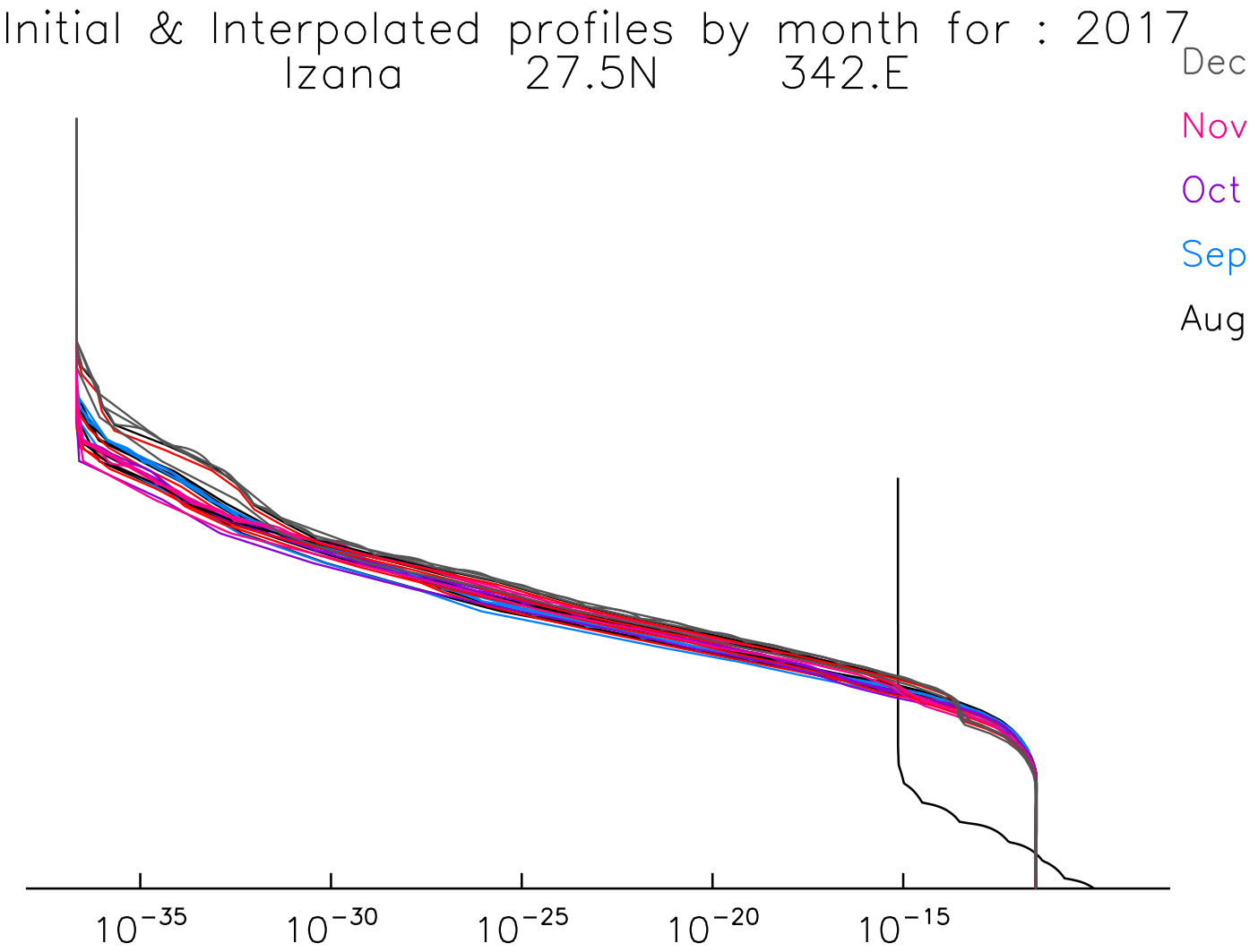
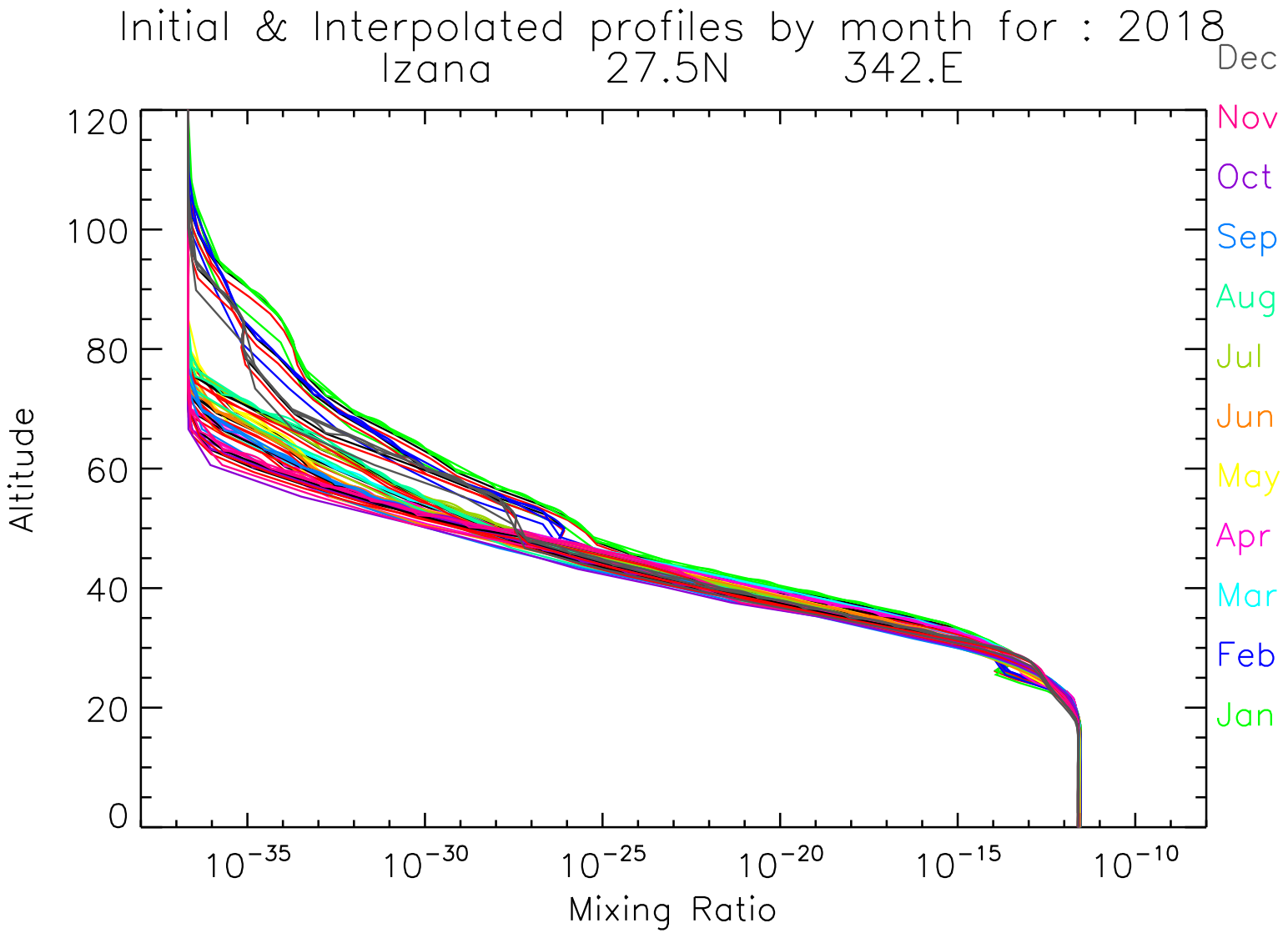
10^{-10}
Mixing Ratio

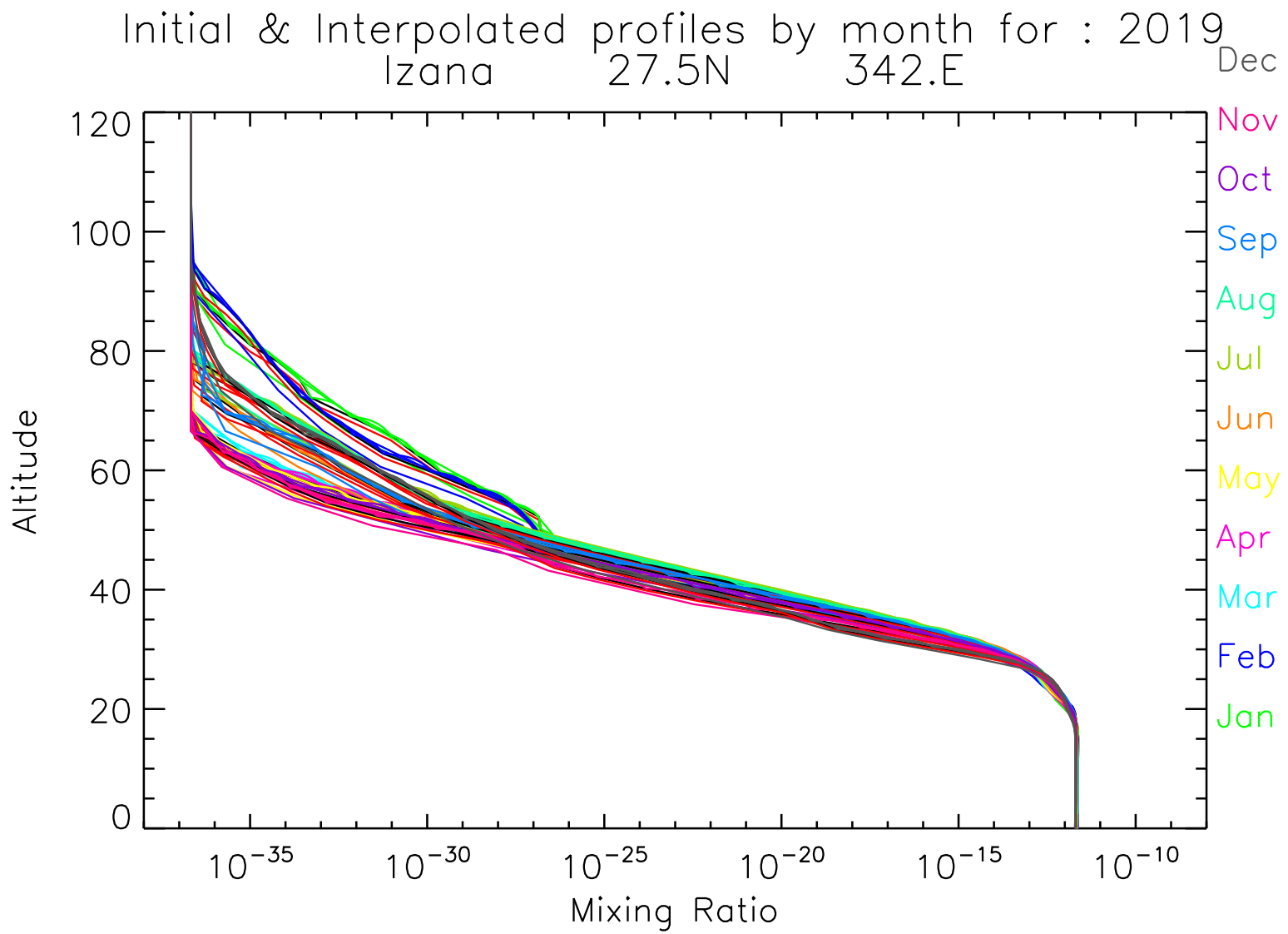

Initial & Interpolated profiles by month for : 2014
Izana 27.5N 342.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-35}
10^{-30}
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio

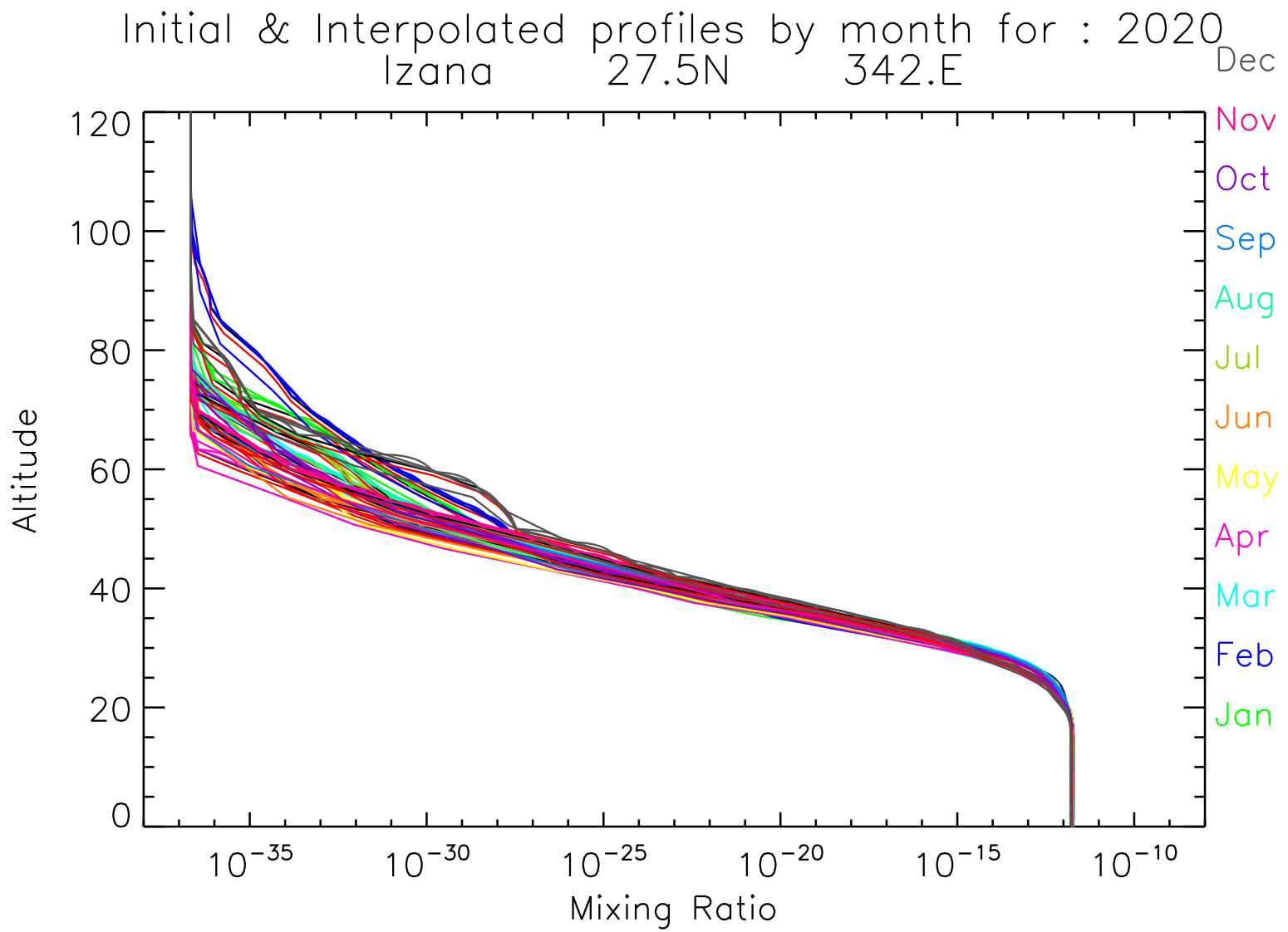

Initial & Interpolated profiles by month for : 2015
Izana 27.5N 342.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-35}
10^{-30}
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio

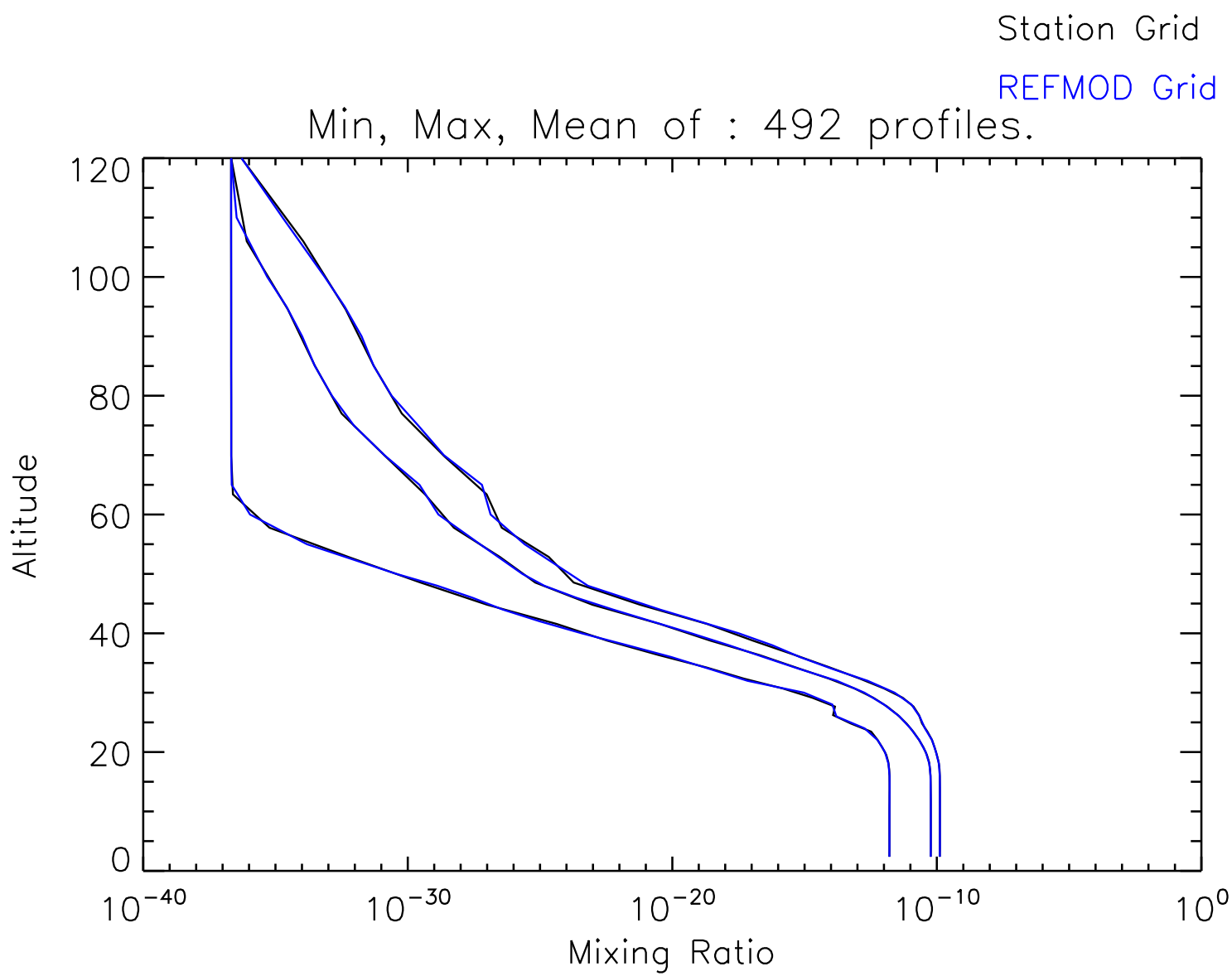

Initial & Interpolated profiles by month for : 2016
Izana 27.5N 342.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
Altitude
120
100
80
60
40
20
0
10^{-35}
10^{-30}
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio

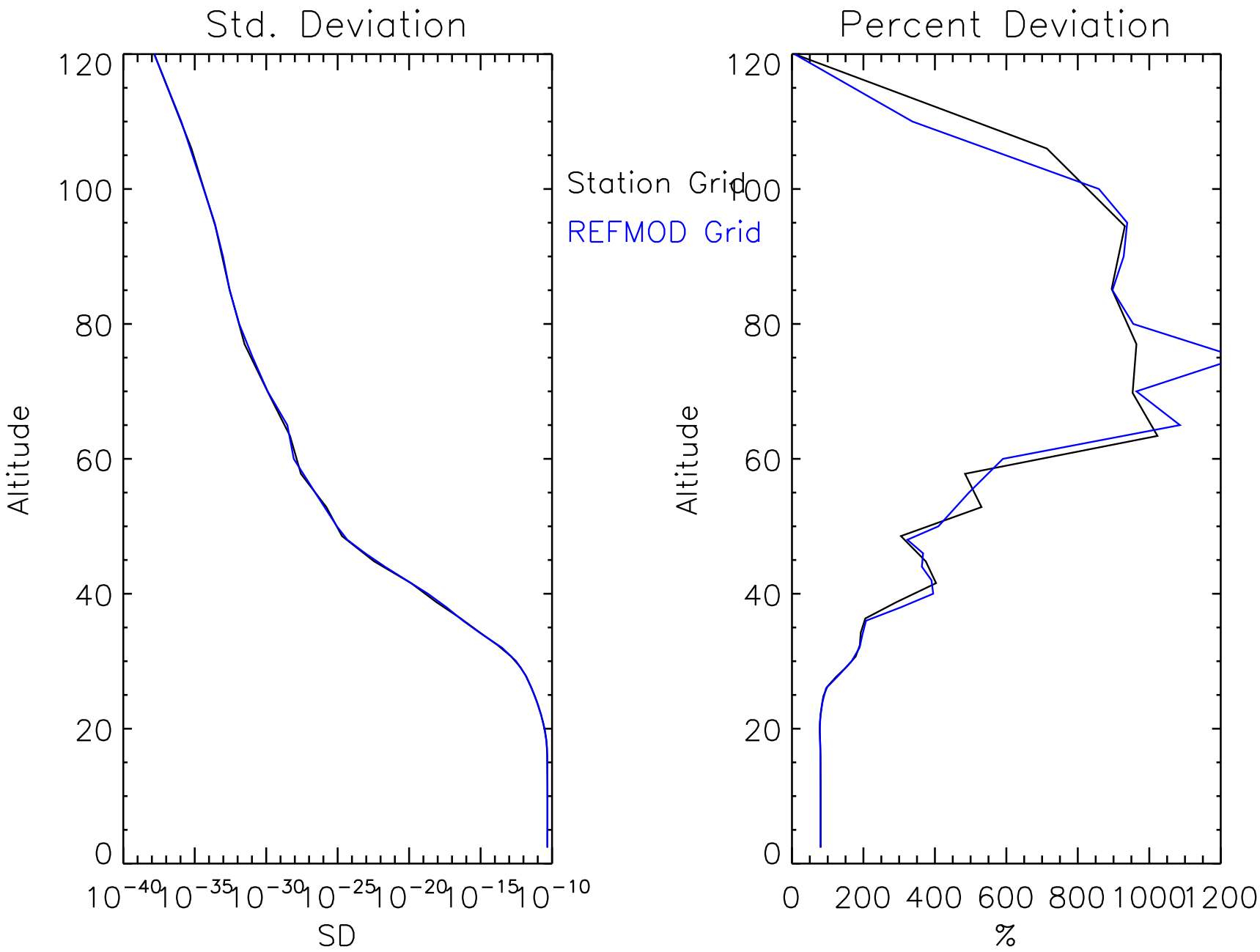

Initial & Interpolated profiles by month for : 2017
Izana 27.5N 342.E
Dec
Nov
Oct
Sep
Aug
10^{-35}
10^{-30}
10^{-25}
10^{-20}
10^{-15}

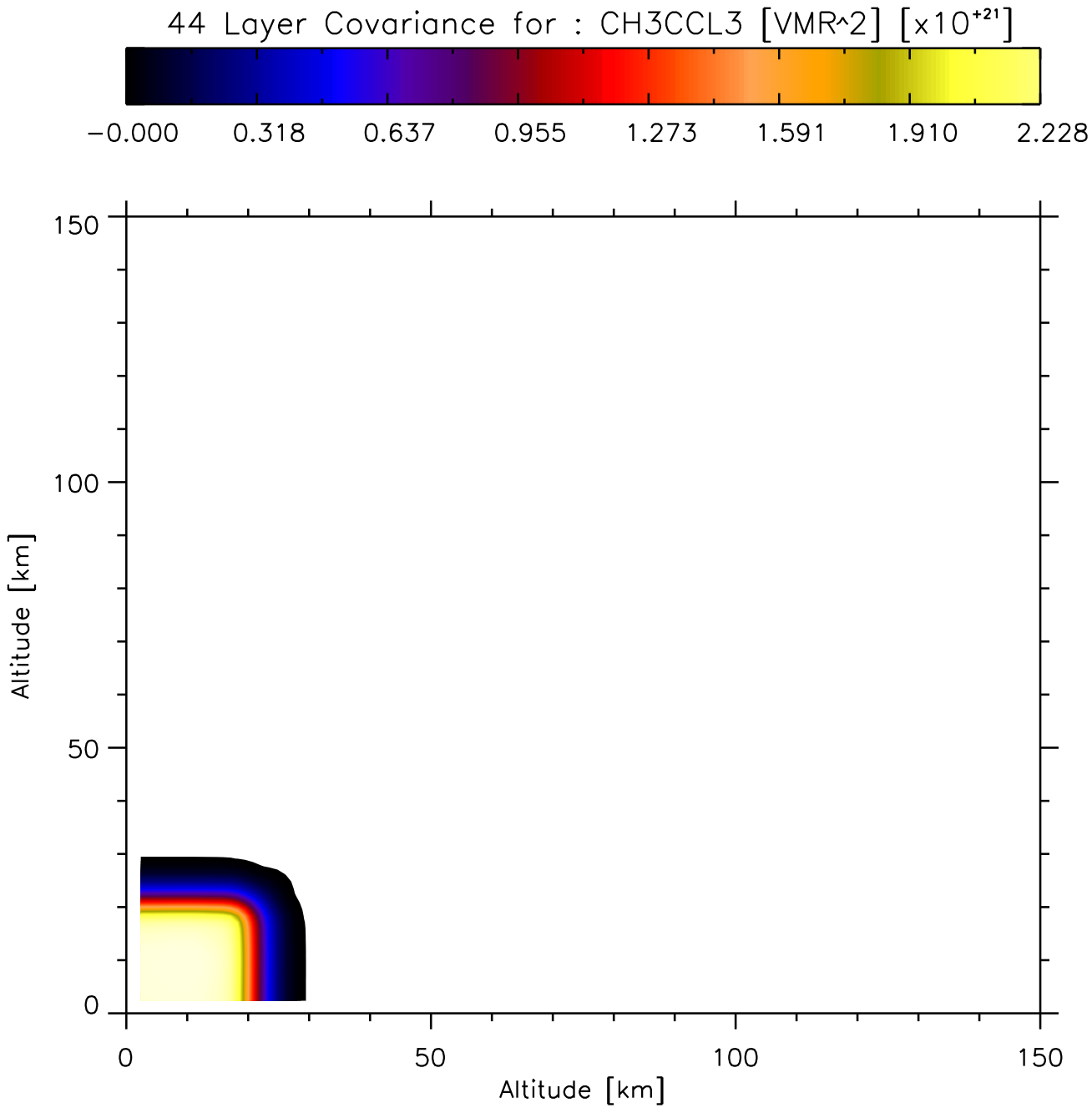

Initial & Interpolated profiles by month for : 2018
Izana 27.5N 342.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
120
100
80
60
40
20
0
Altitude
10^{-35}
10^{-30}
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio


Initial & Interpolated profiles by month for : 2019
Izana 27.5N 342.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
Altitude
120
100
80
60
40
20
0
10^{-35}
10^{-30}
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio

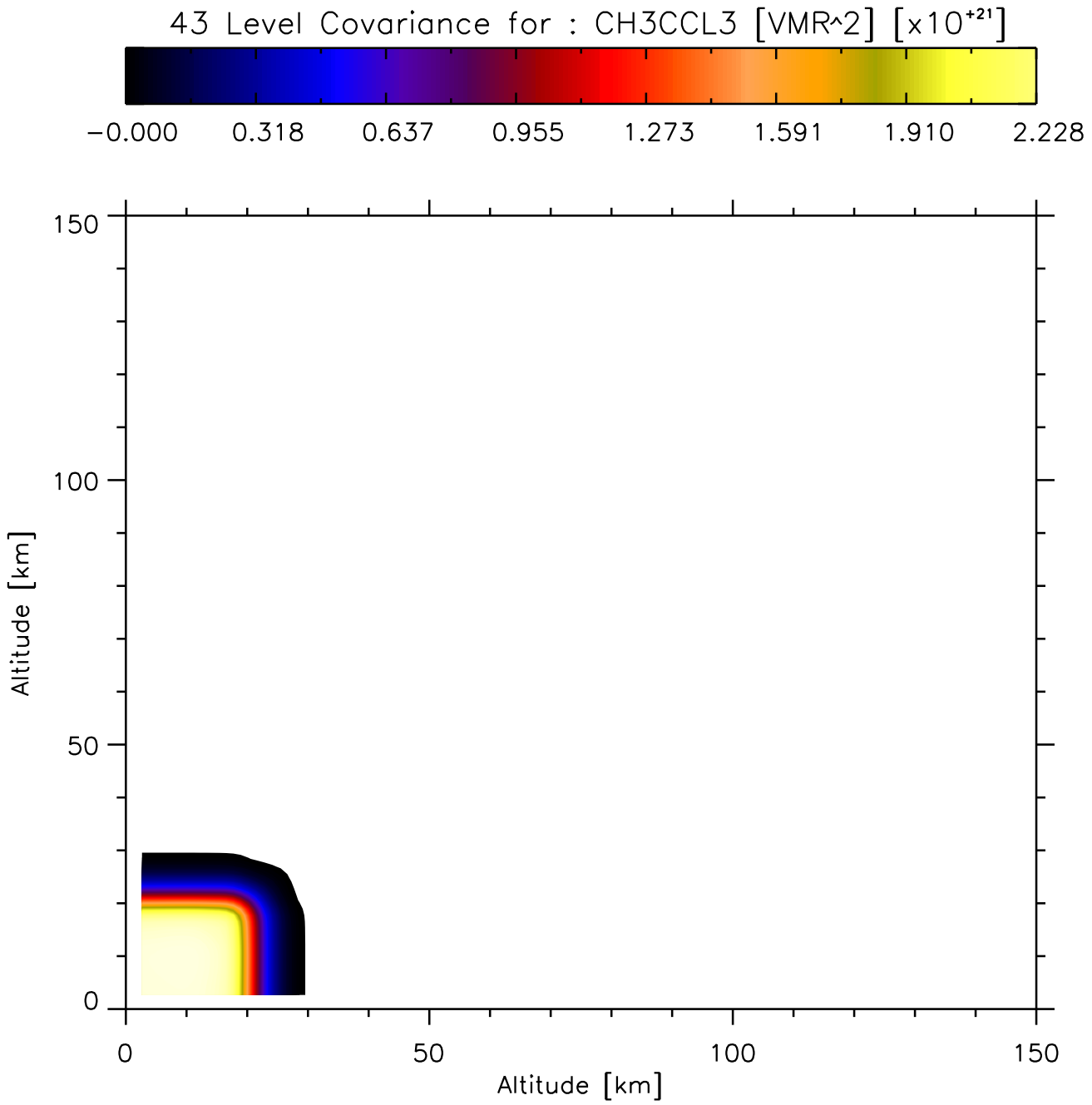

Initial & Interpolated profiles by month for : 2020
Izana 27.5N 342.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
Altitude
120
100
80
60
40
20
0
10^{-35}
10^{-30}
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio

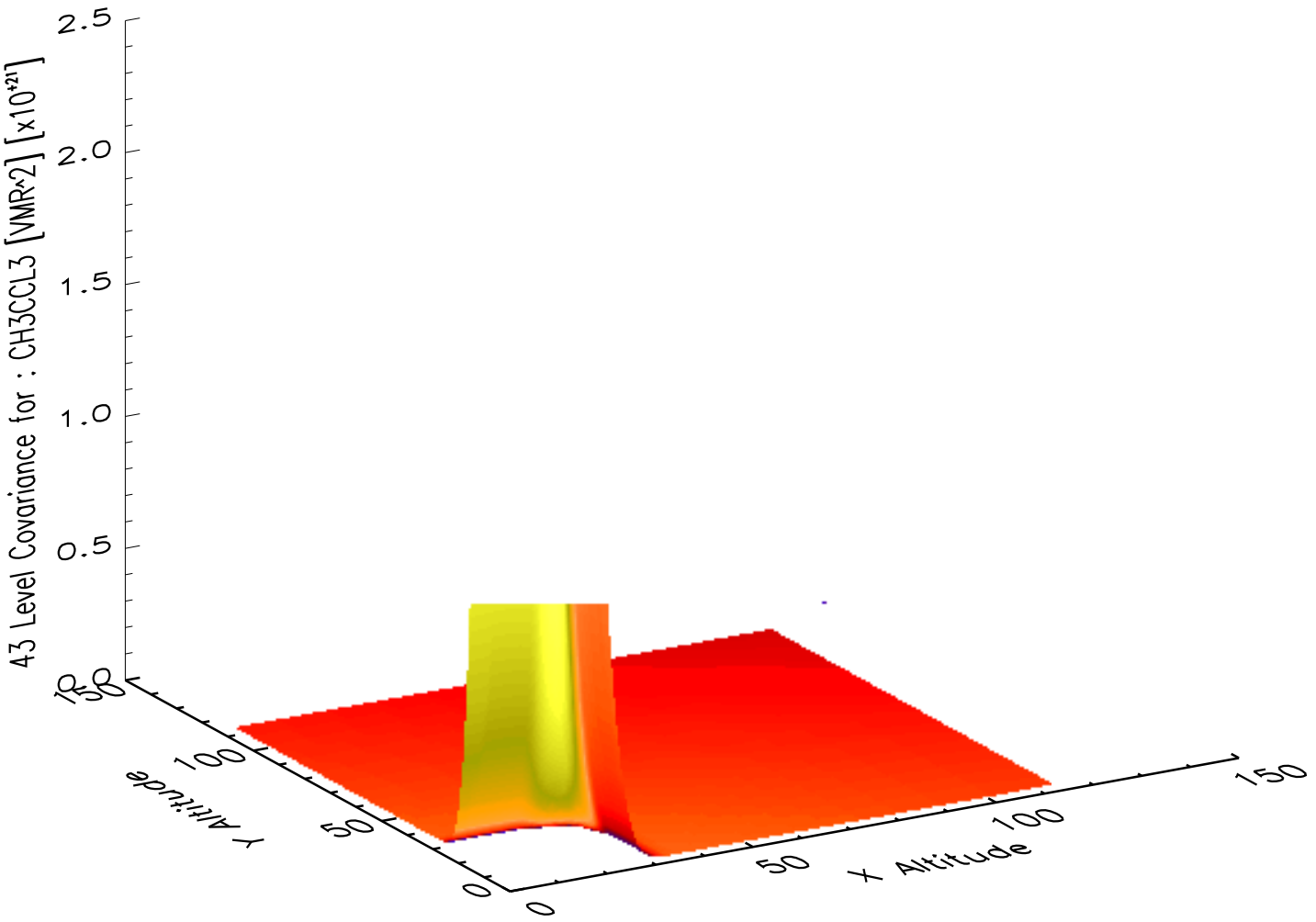

Station Grid
REFMOD Grid
Min, Max, Mean of : 492 profiles.
120
100
80
60
40
20
0
Altitude
10^{-40}
10^{-30}
10^{-20}
10^{-10}
10^{0}
Mixing Ratio


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
0 200 400 600 800 1000 1200
%


44 Layer Covariance for : CH3CCL3 [VMR^2] [x10^+21]
−0.000
0.318
0.637
0.955
1.273
1.591
1.910
2.228
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]

44 Layer Covariance for : CH3CCL3 [VMR^2] [x10^+21]
0.0
0.5
1.0
1.5
2.0
2.5
Y Altitude
0
50
100
0
50
100
X Altitude


43 Level Covariance for : CH3CCL3 [VMR^2] [x10^+21]
−0.000
0.318
0.637
0.955
1.273
1.591
1.910
2.228
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


43 Level Covariance for : CH3CCL3 [VMR^2] [x10^+21]
2.5
2.0
1.5
1.0
0.5
0.0
Y Altitude
0
50
100
150
X Altitude
0
50
100
150