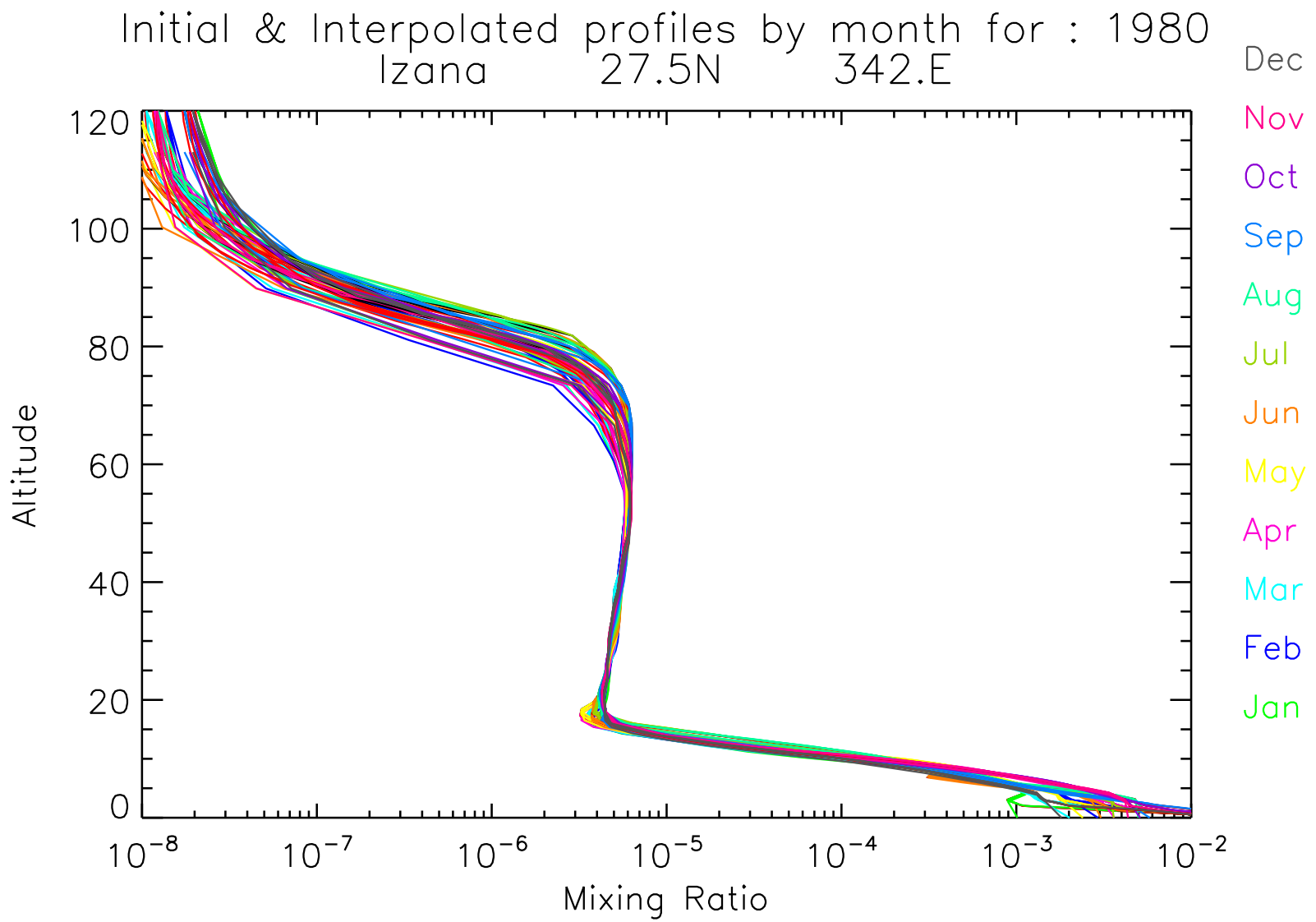
Initial & Interpolated profiles by month for : 1980
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Altitude
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Mixing Ratio
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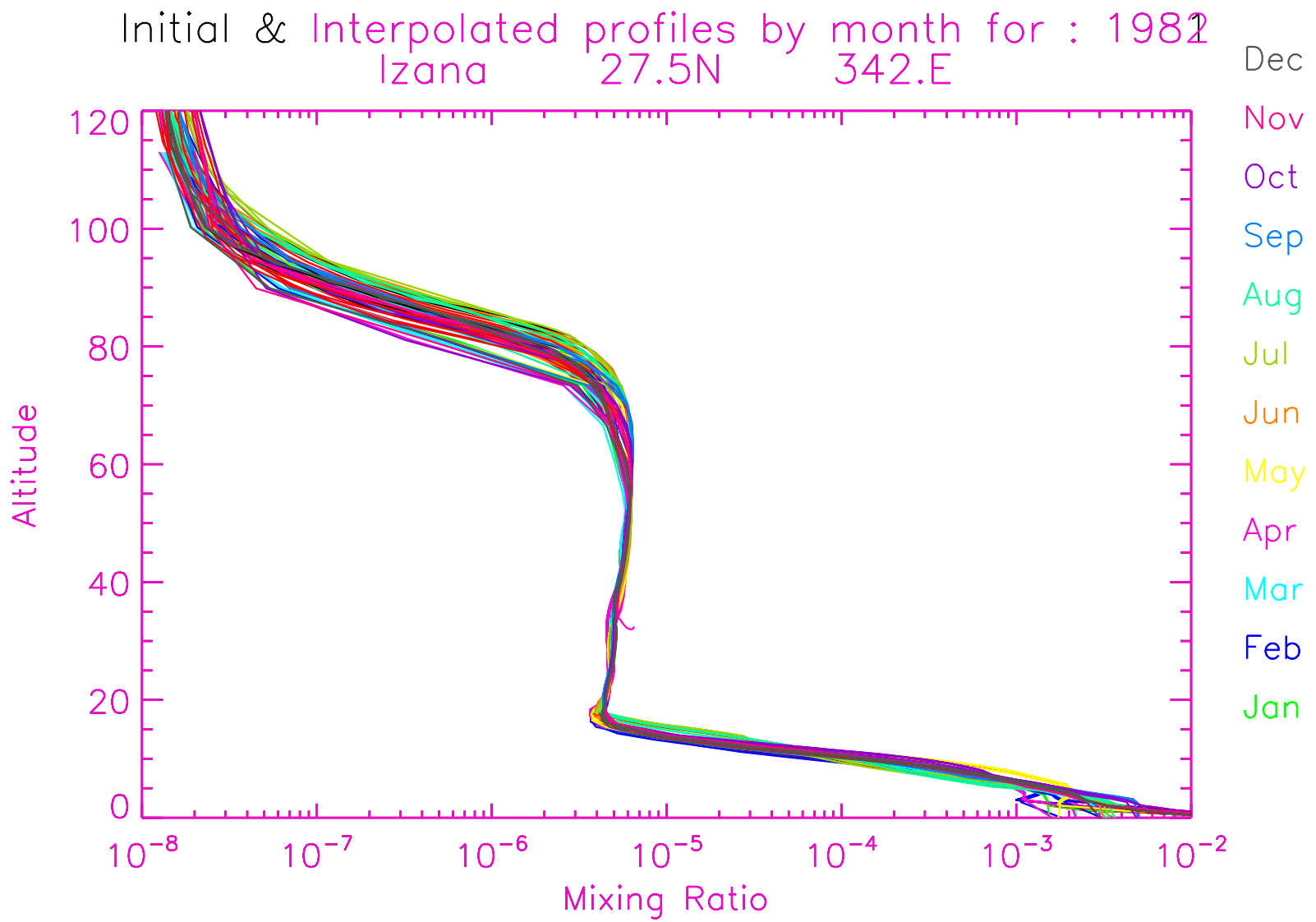
Initial & Interpolated profiles by month for : 1982
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Mixing Ratio
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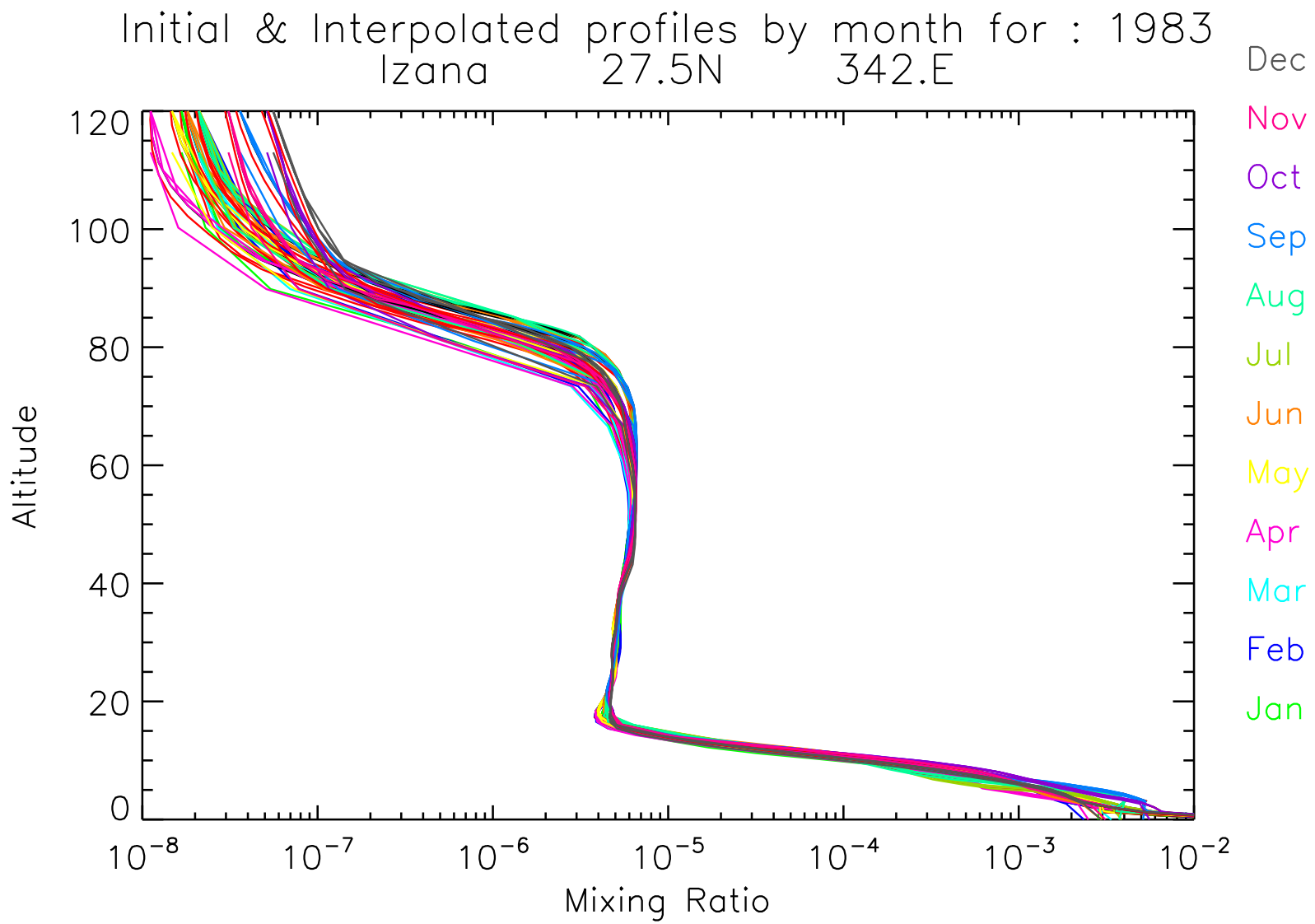
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Altitude
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Mixing Ratio
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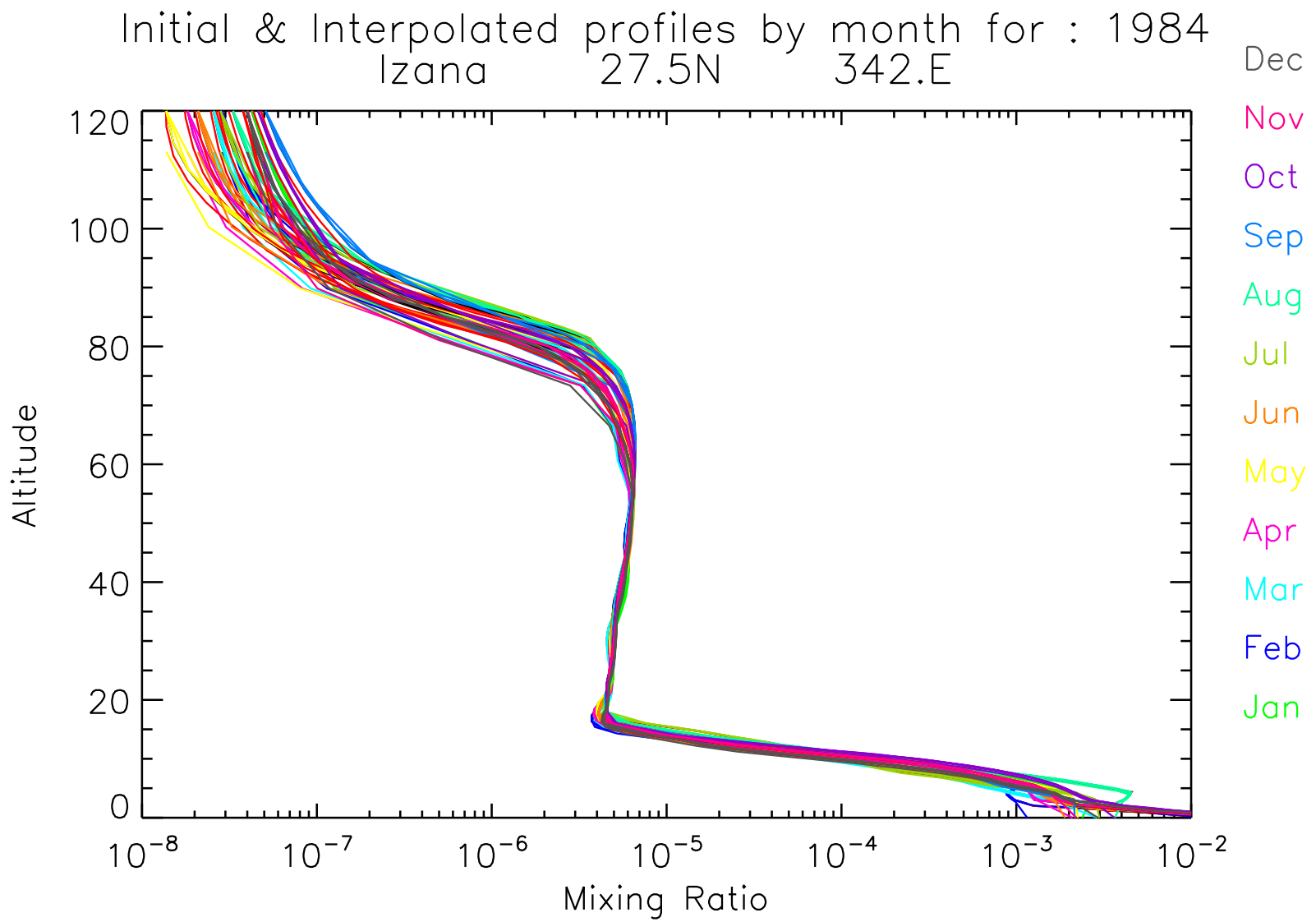
Initial & Interpolated profiles by month for : 1984
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Altitude
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Mixing Ratio
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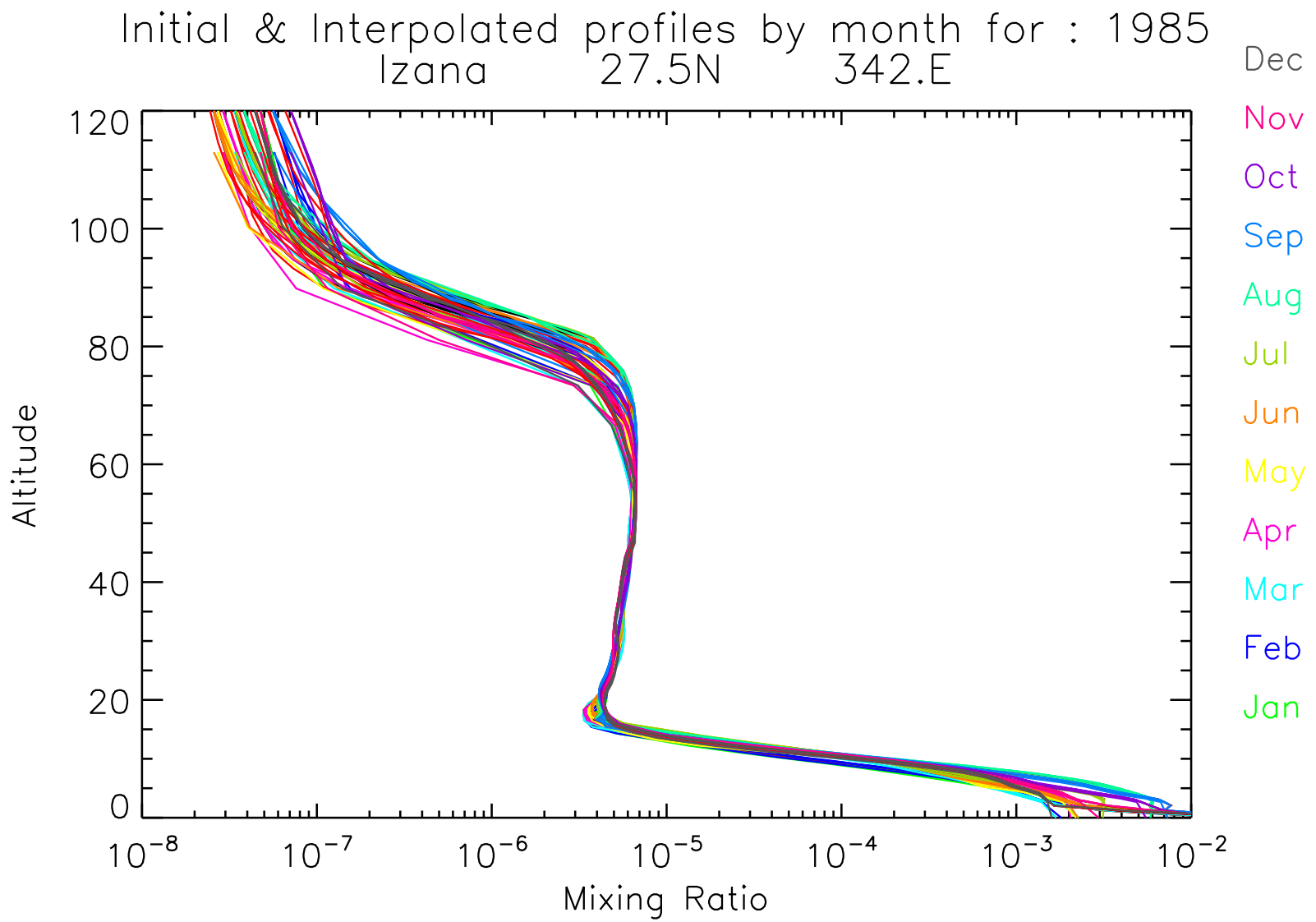
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Altitude
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Mixing Ratio
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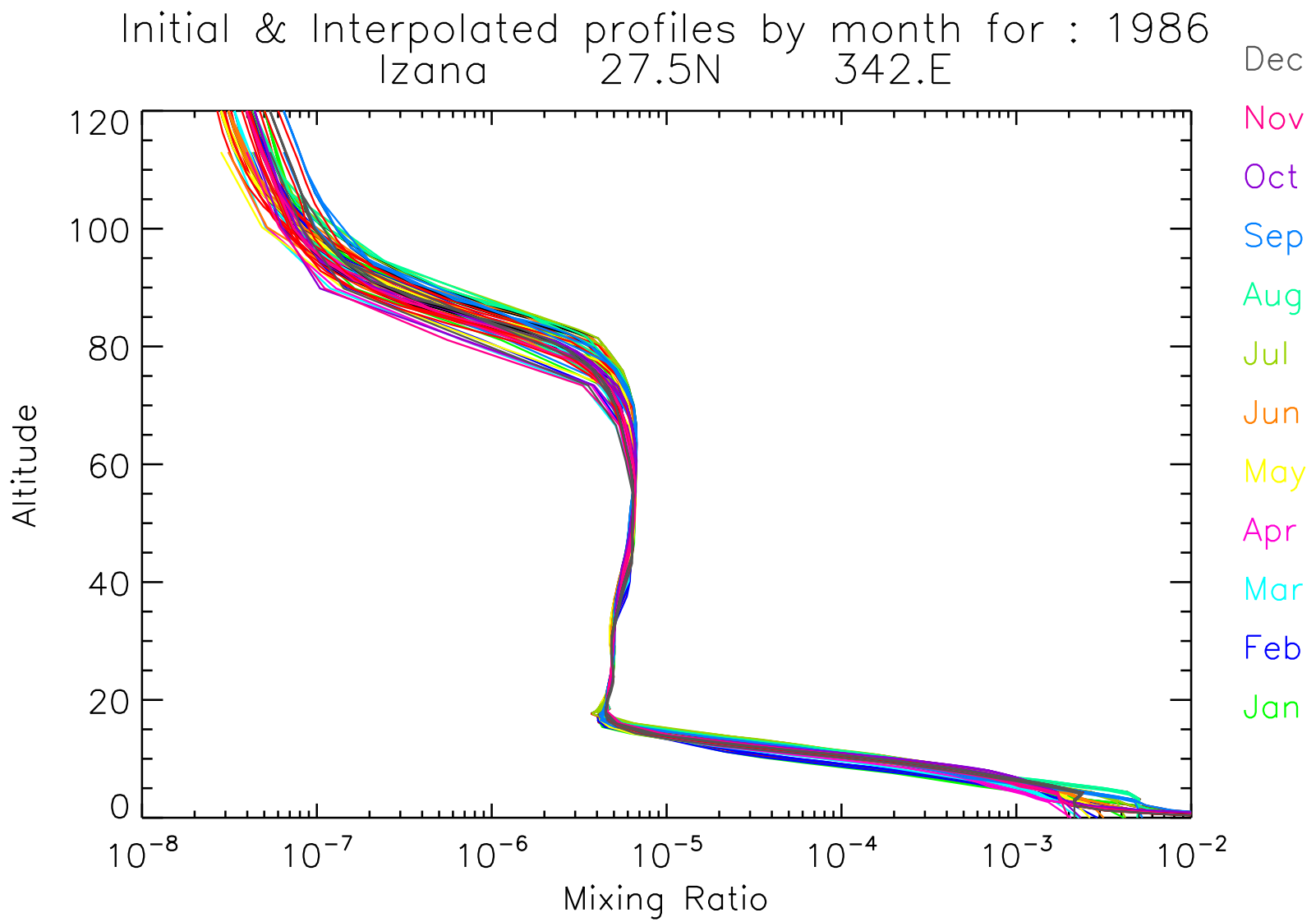
Initial & Interpolated profiles by month for : 1986
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Altitude
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Mixing Ratio
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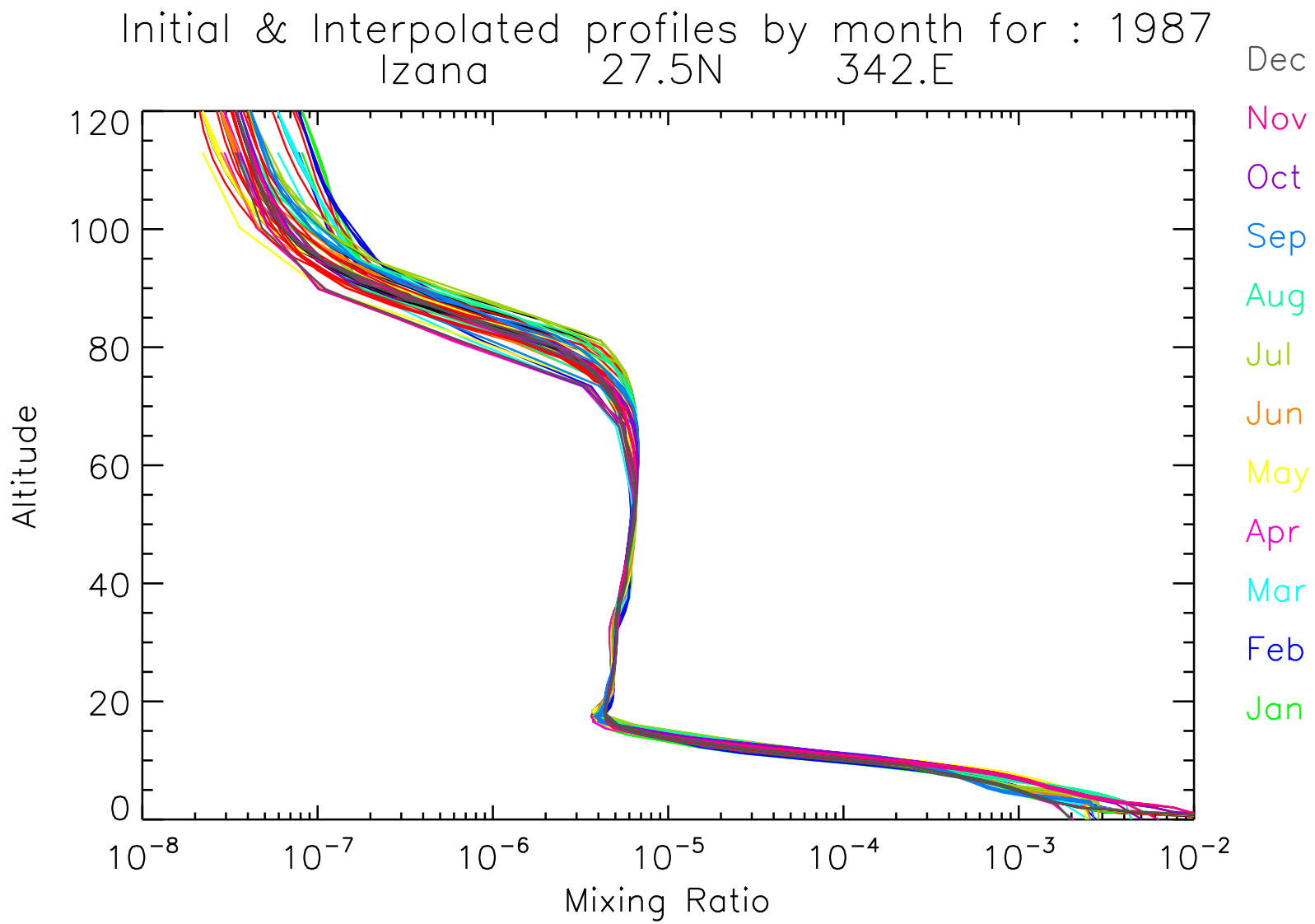
Initial & Interpolated profiles by month for : 1987
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Altitude
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Mixing Ratio
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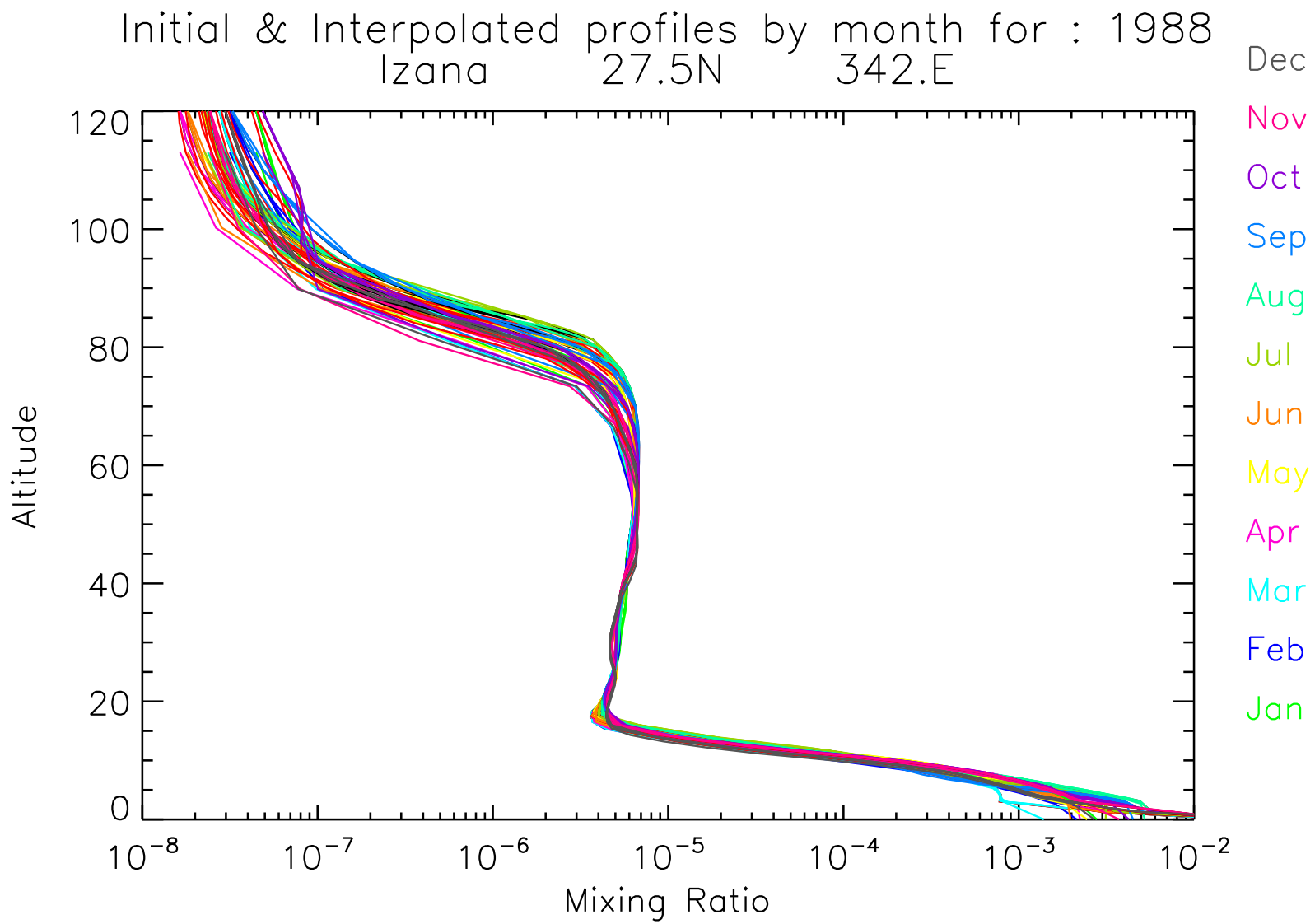
Initial & Interpolated profiles by month for : 1988
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Altitude
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Mixing Ratio
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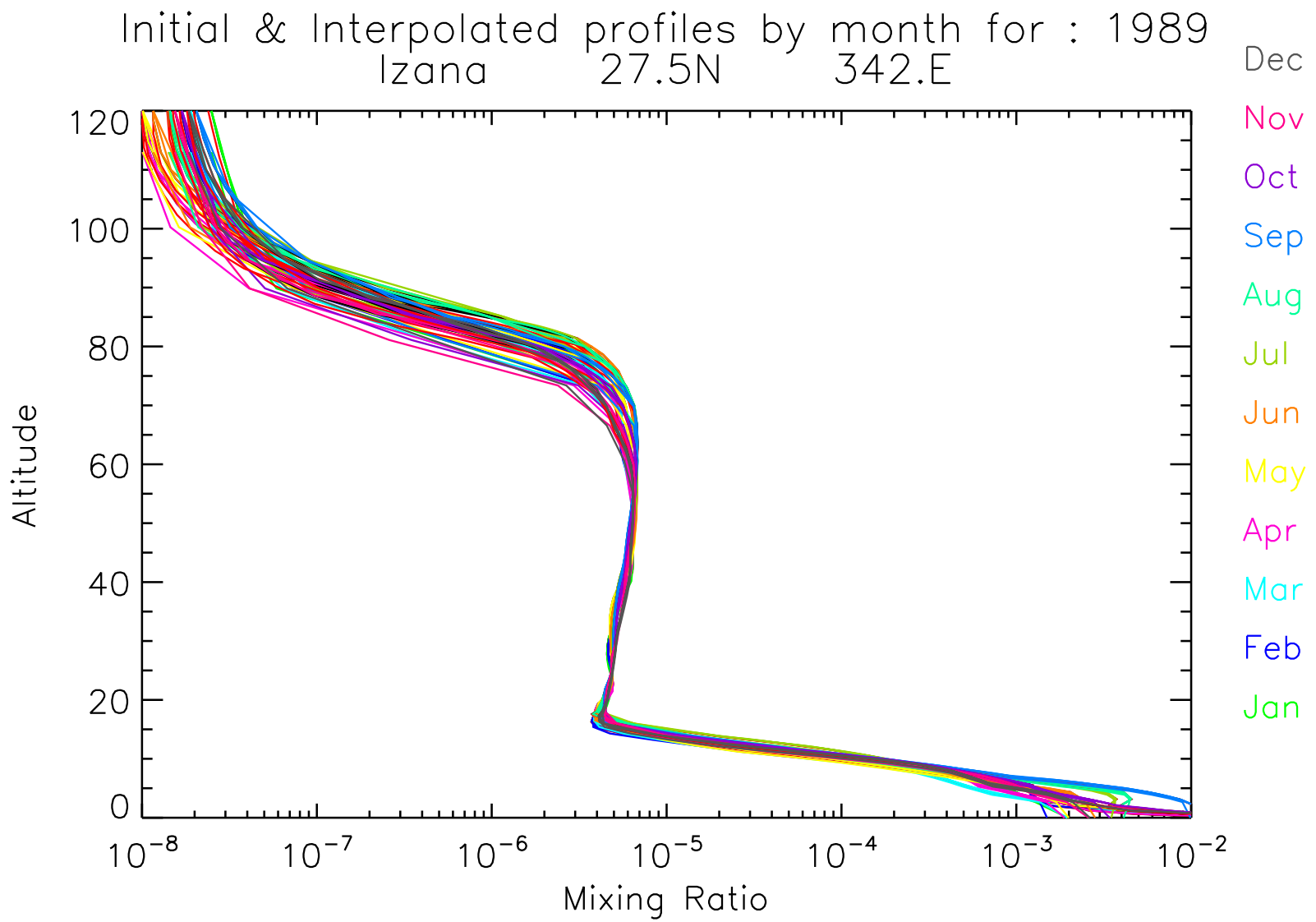
Initial & Interpolated profiles by month for : 1989
Izana 27.5N 342.E
Altitude
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Mixing Ratio
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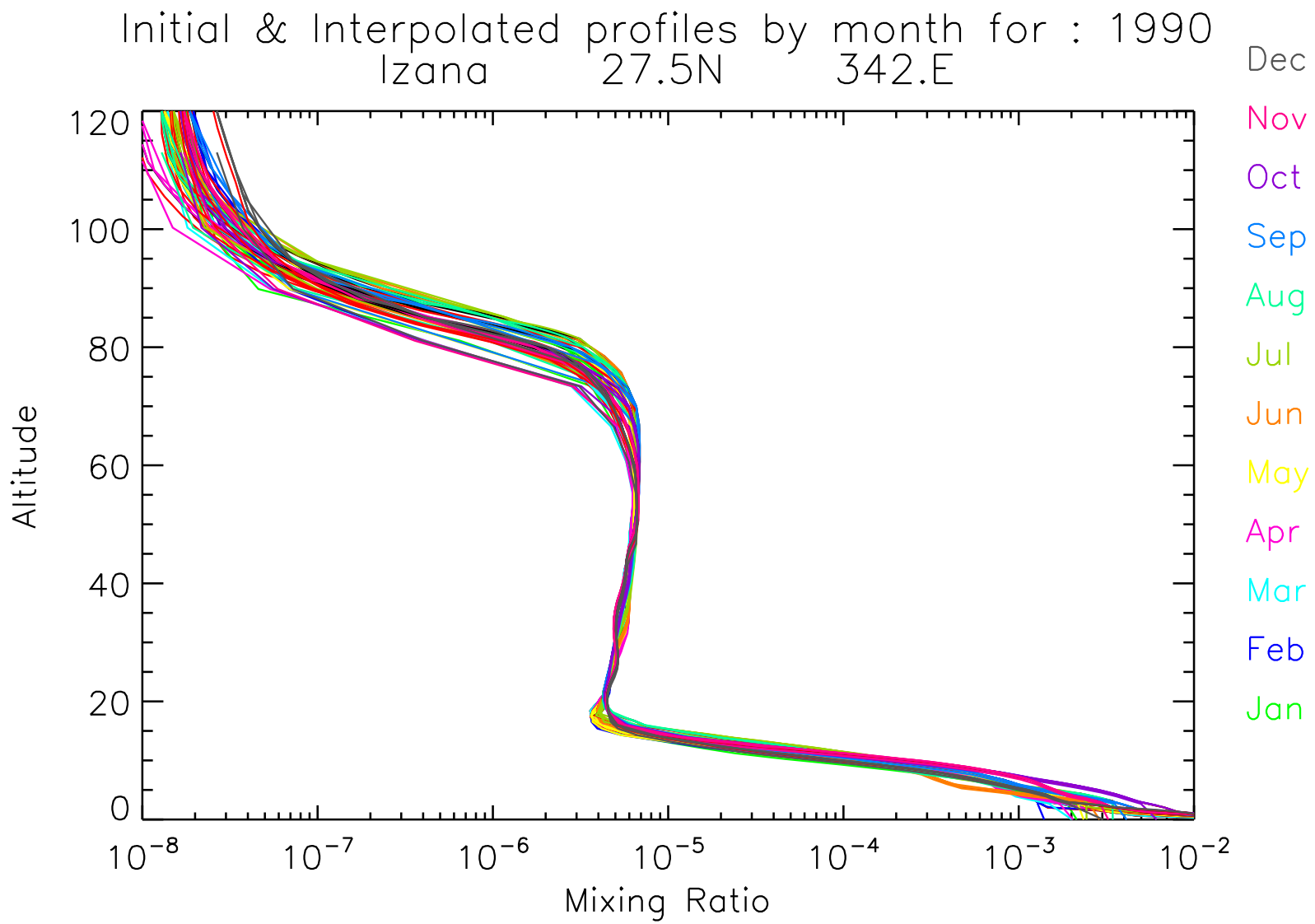
Initial & Interpolated profiles by month for : 1990
Izana 27.5N 342.E
Altitude
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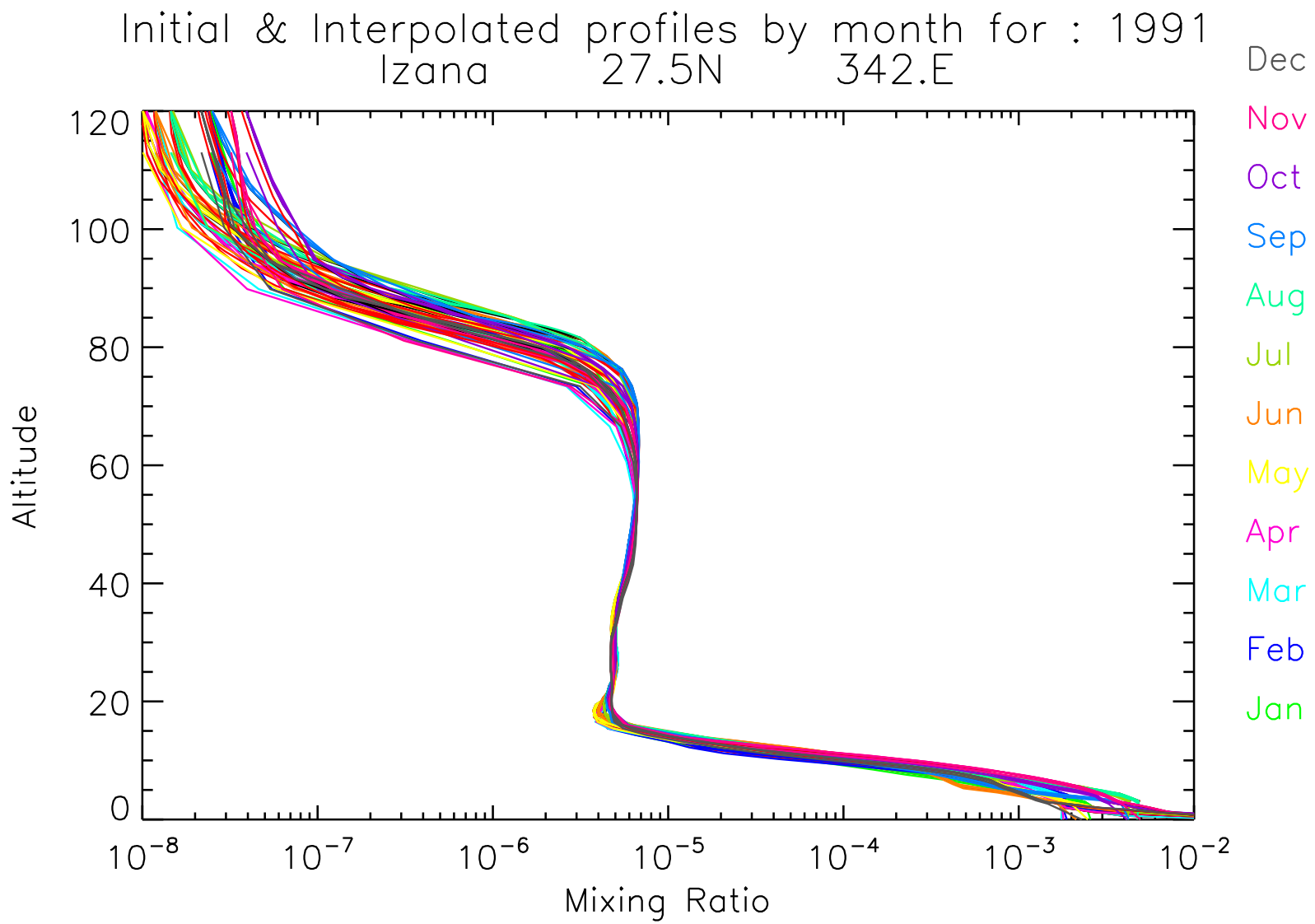
Initial & Interpolated profiles by month for : 1991
Izana 27.5N 342.E
Altitude
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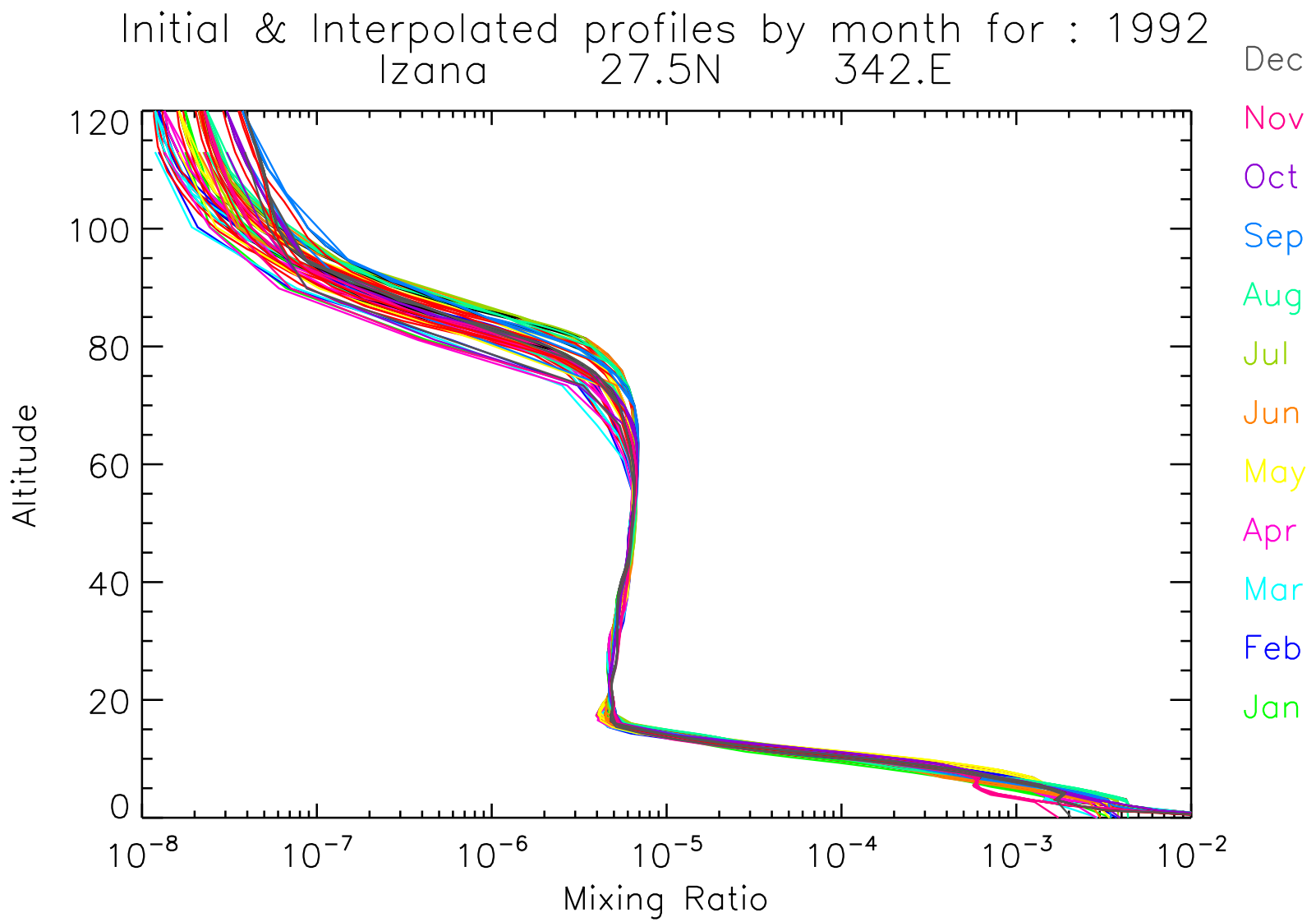
Initial & Interpolated profiles by month for : 1992
Izana 27.5N 342.E
Altitude
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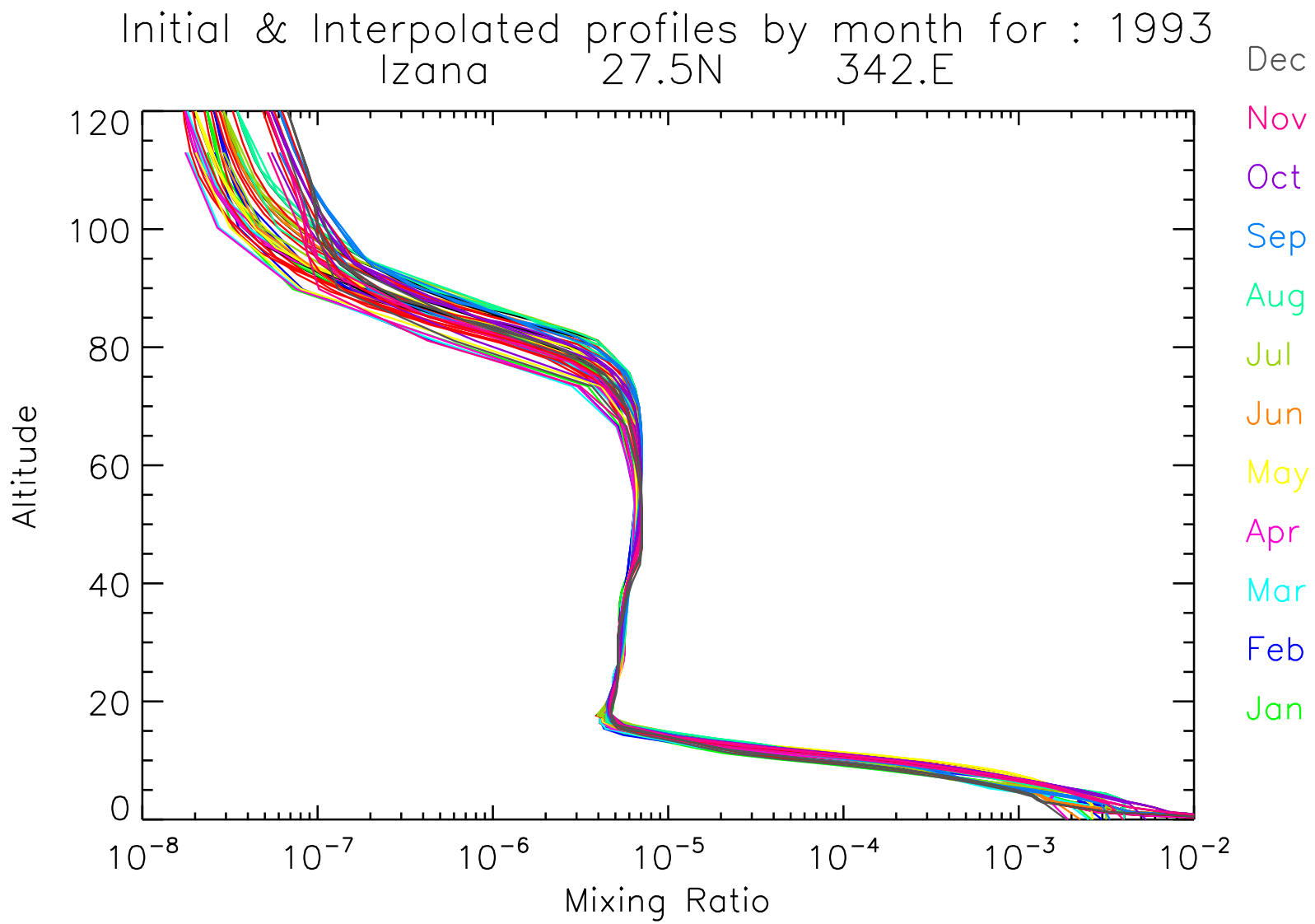
Initial & Interpolated profiles by month for : 1993
Izana 27.5N 342.E
Altitude
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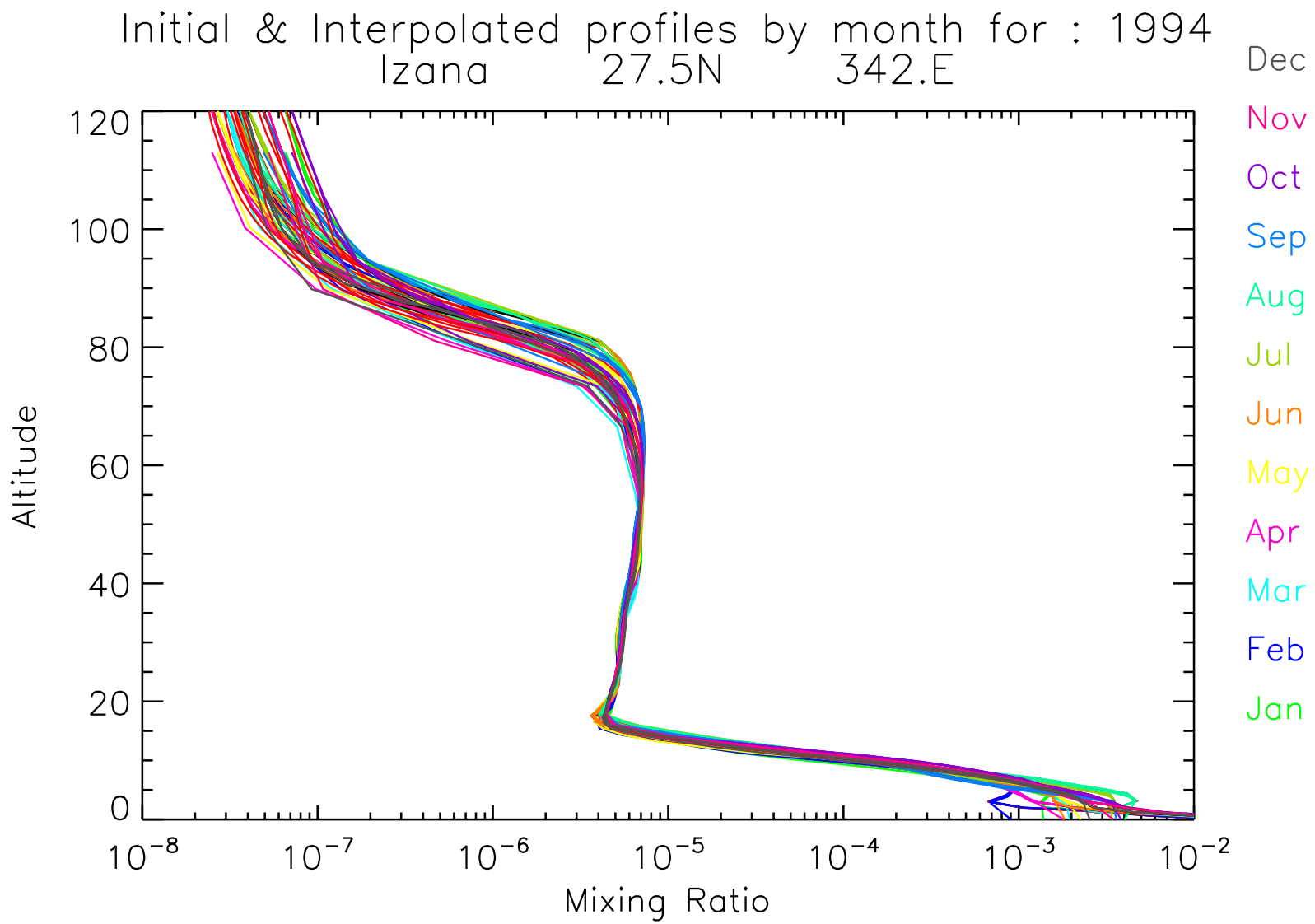
Initial & Interpolated profiles by month for : 1994
Izana 27.5N 342.E
Altitude
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Mixing Ratio
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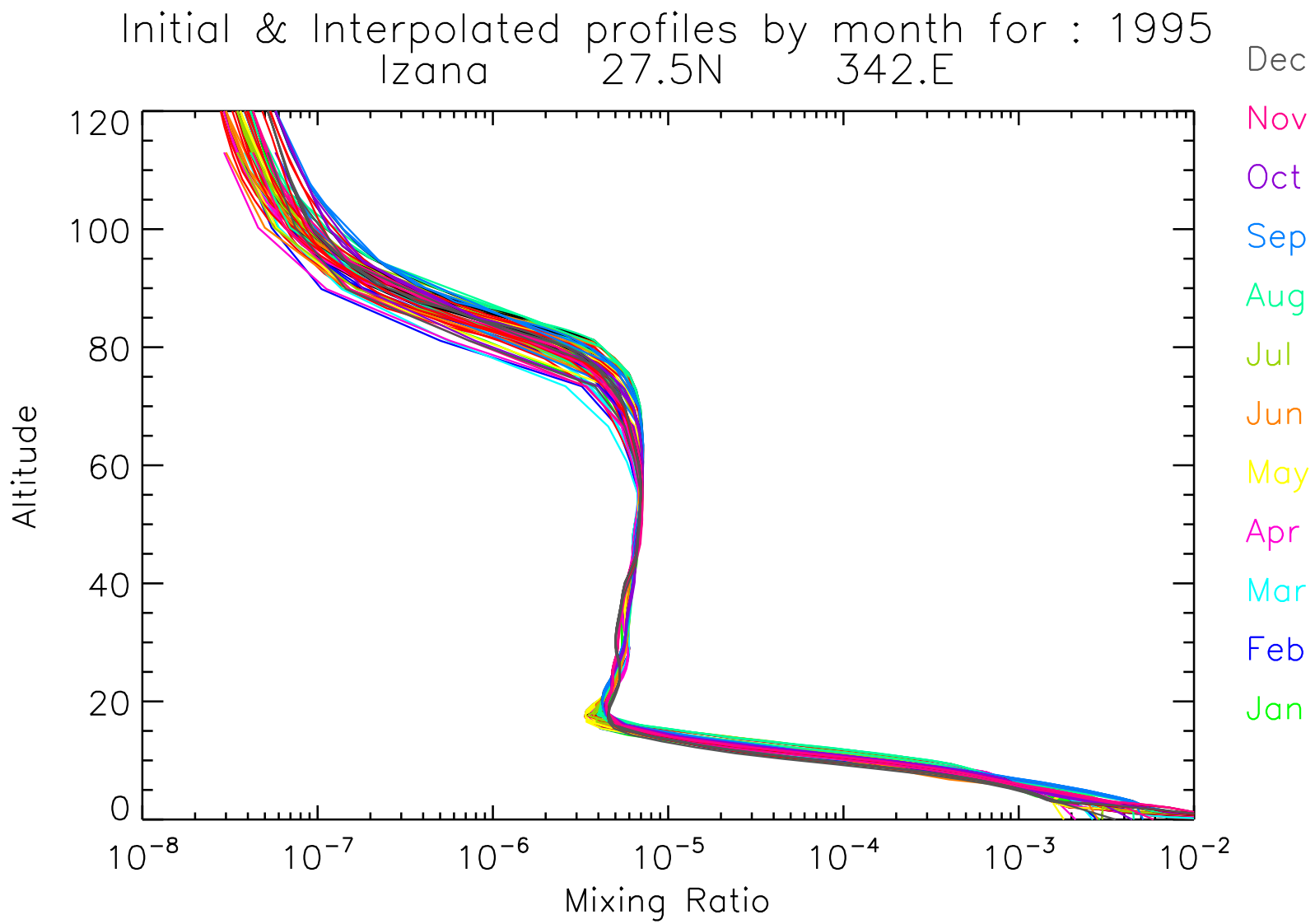
Initial & Interpolated profiles by month for : 1995
Izana 27.5N 342.E
Altitude
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Mixing Ratio
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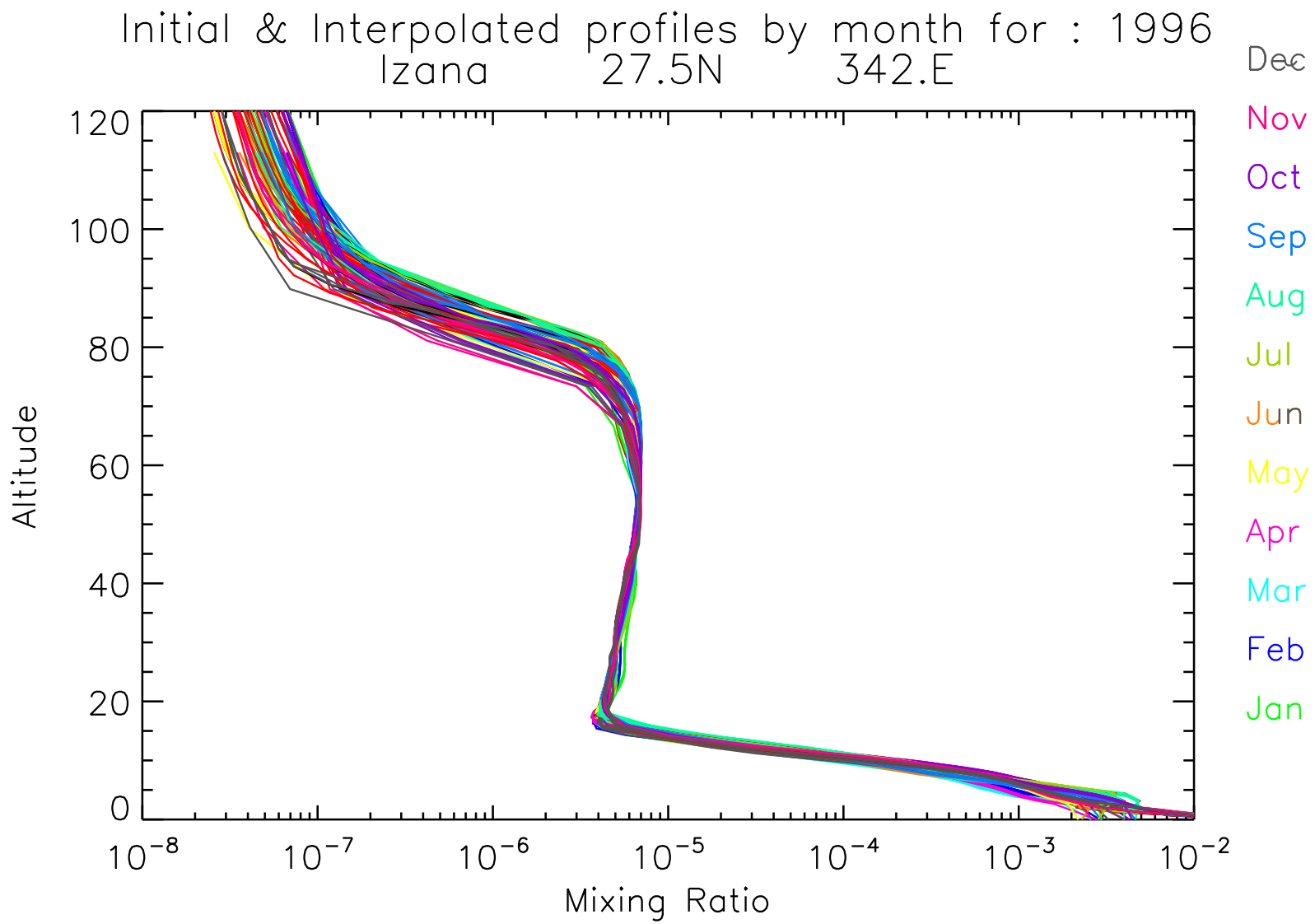
Initial & Interpolated profiles by month for : 1996
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Altitude
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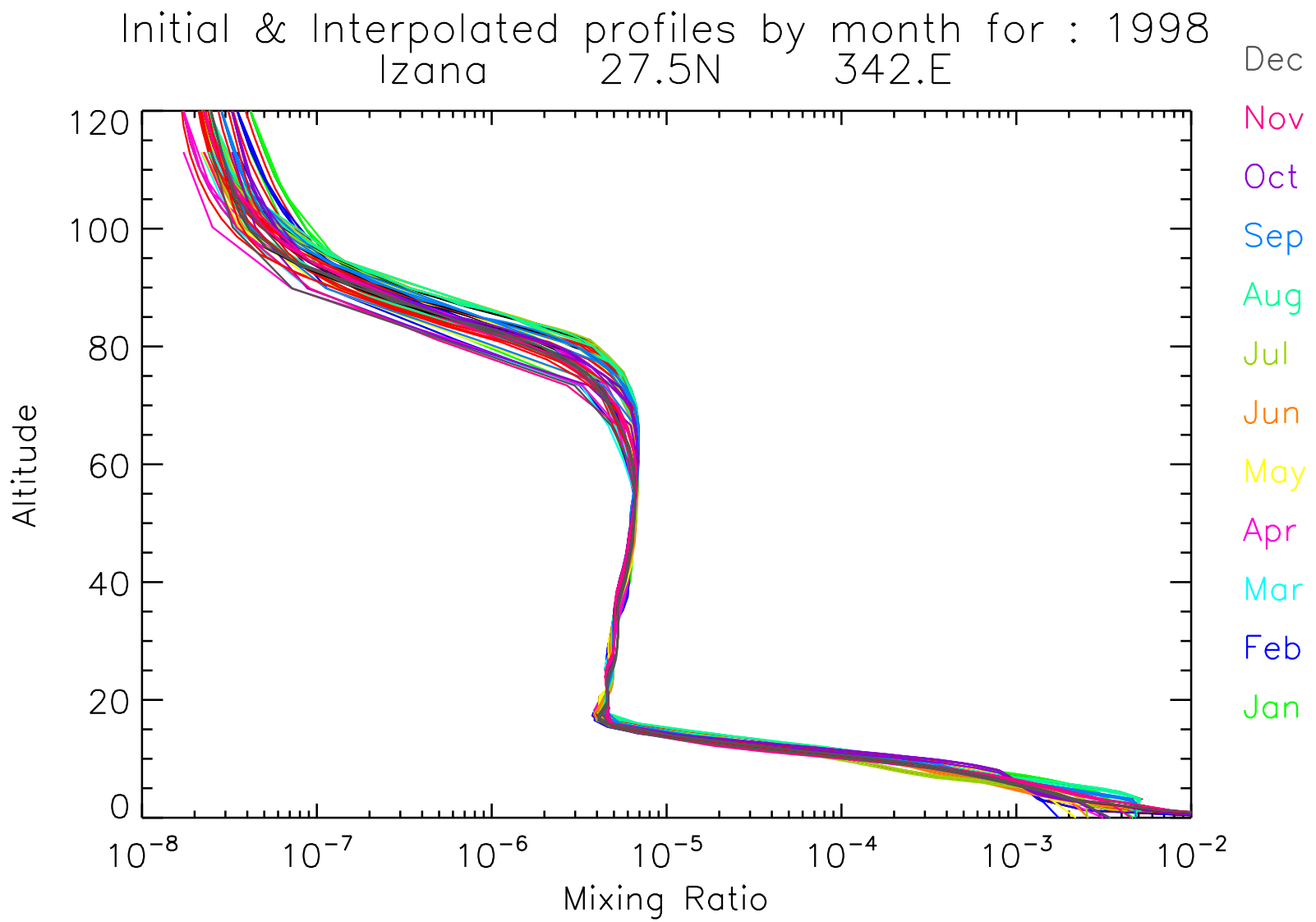
Mixing Ratio


Initial & Interpolated profiles by month for : 1998
Izana 27.5N 342.E
Altitude
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Mixing Ratio
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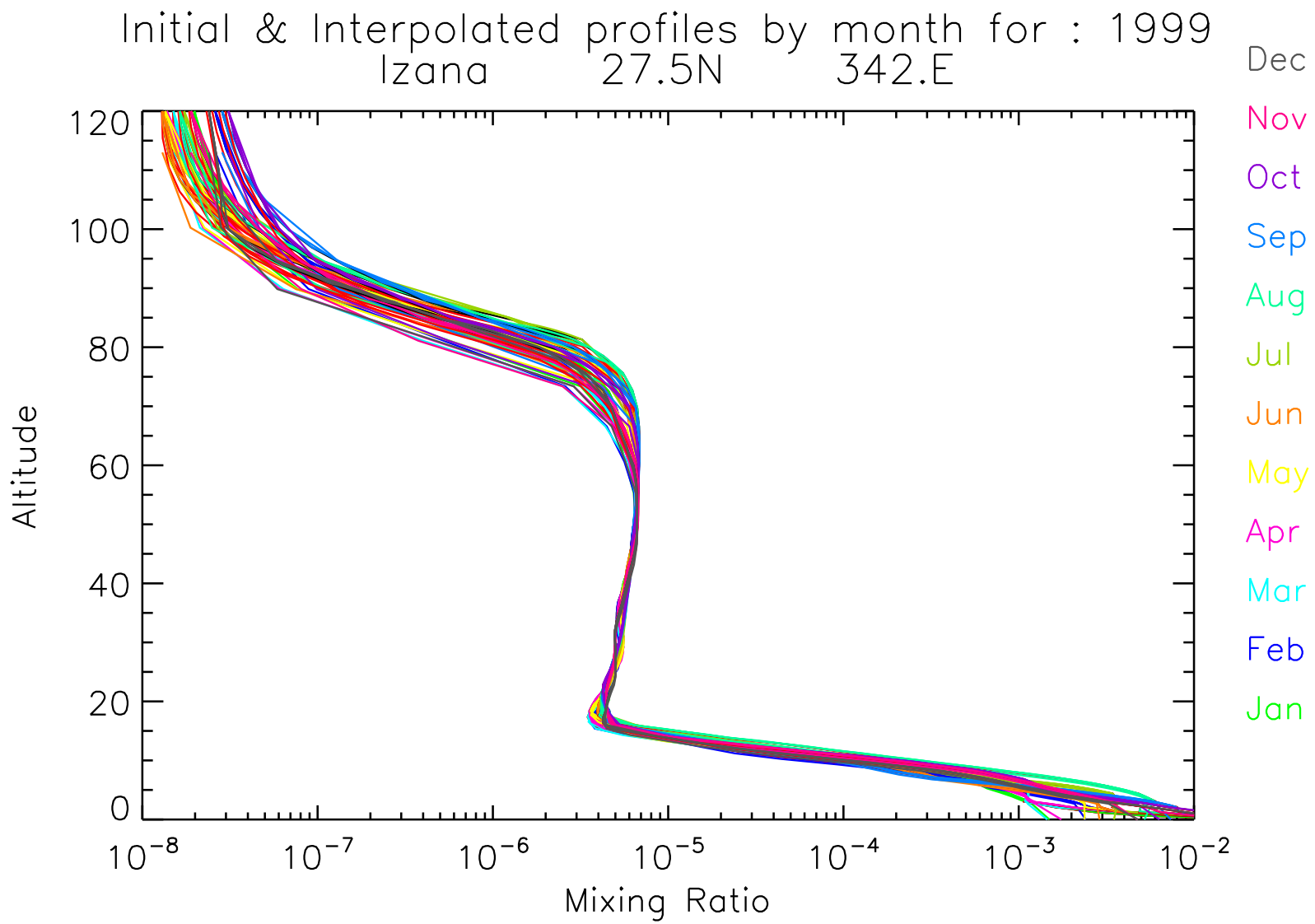
Initial & Interpolated profiles by month for : 1999
Izana 27.5N 342.E
Altitude
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Mixing Ratio
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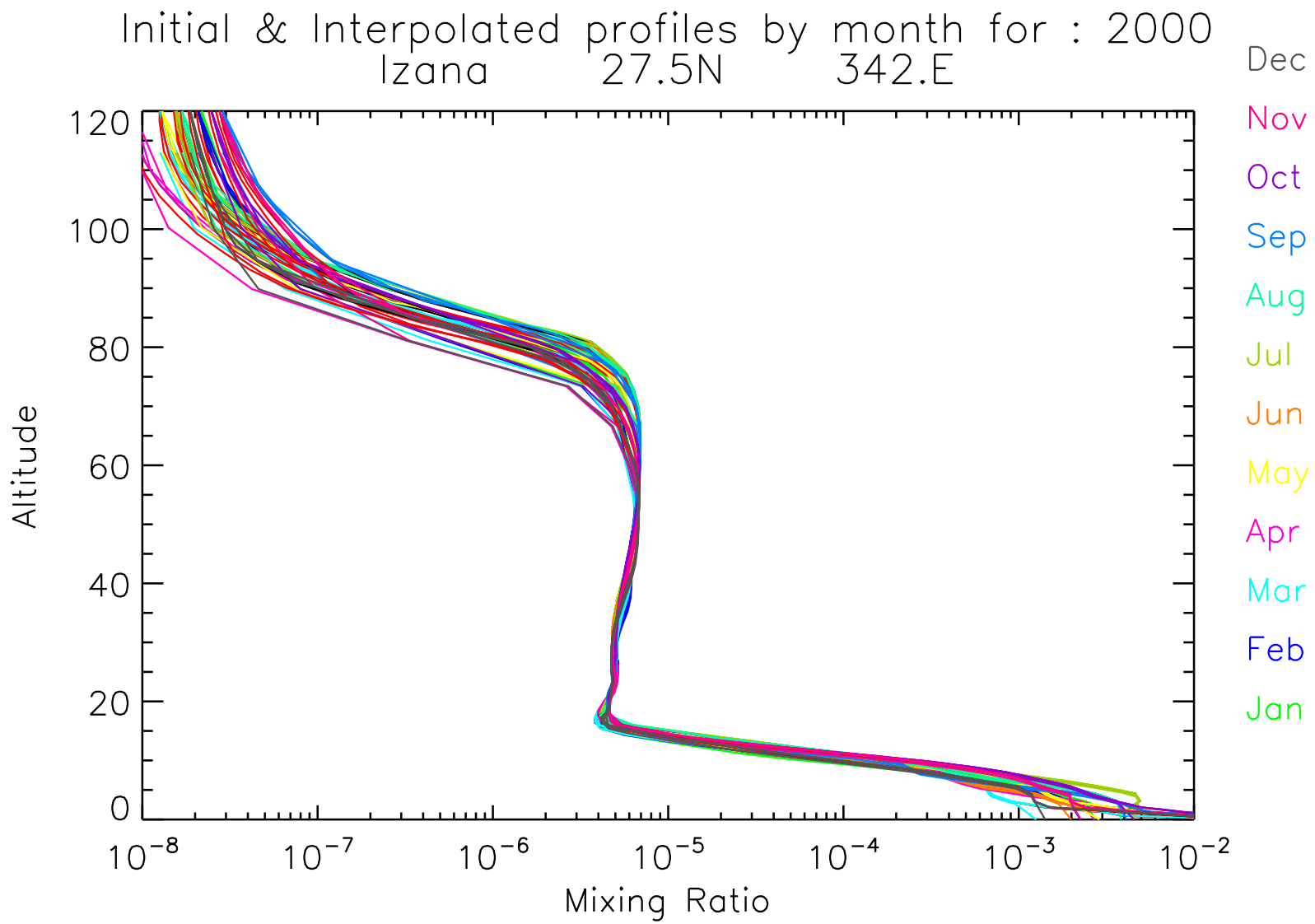
Initial & Interpolated profiles by month for : 2000
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Altitude
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Mixing Ratio
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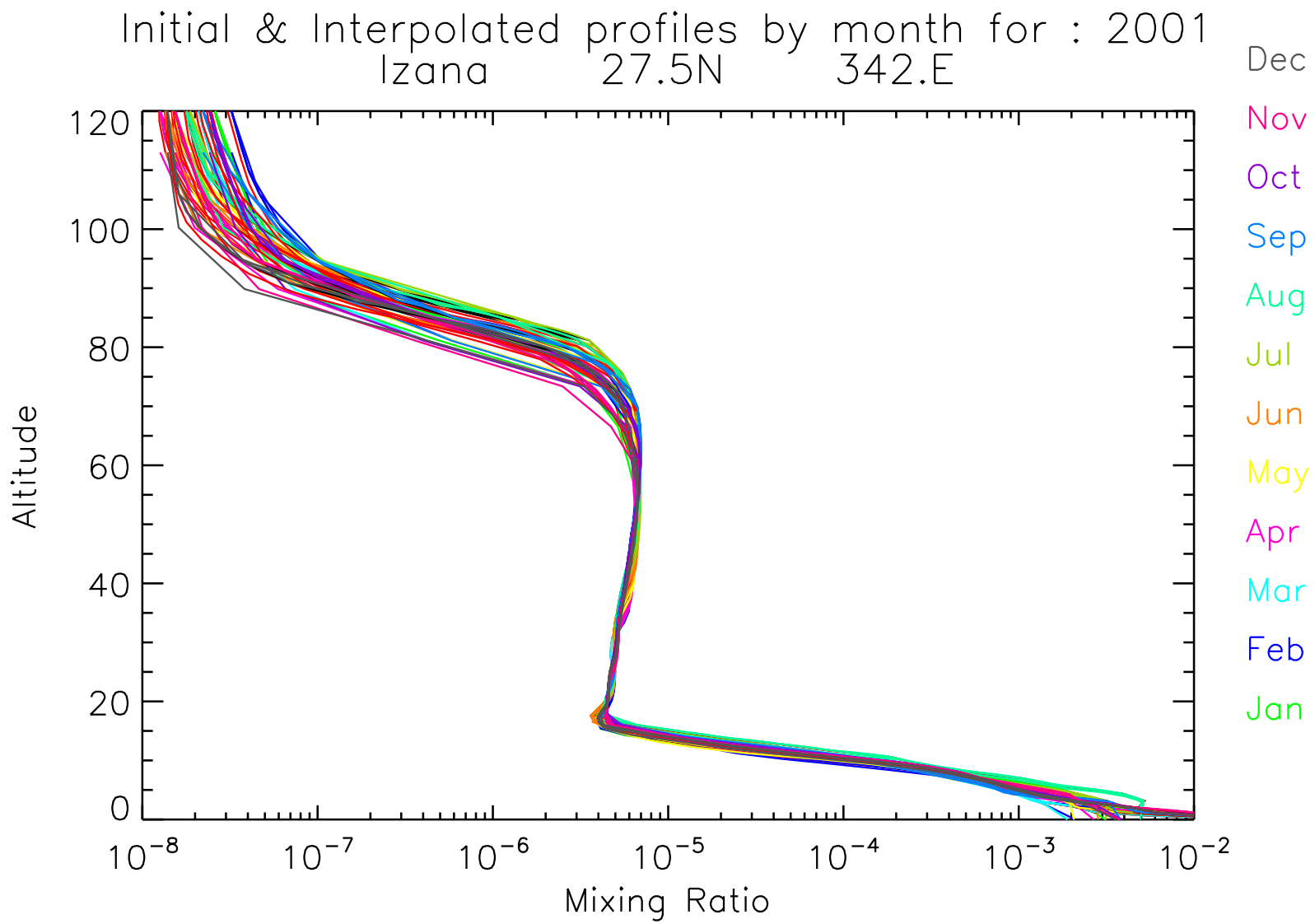
Initial & Interpolated profiles by month for : 2001
Izana 27.5N 342.E
Altitude
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Mixing Ratio
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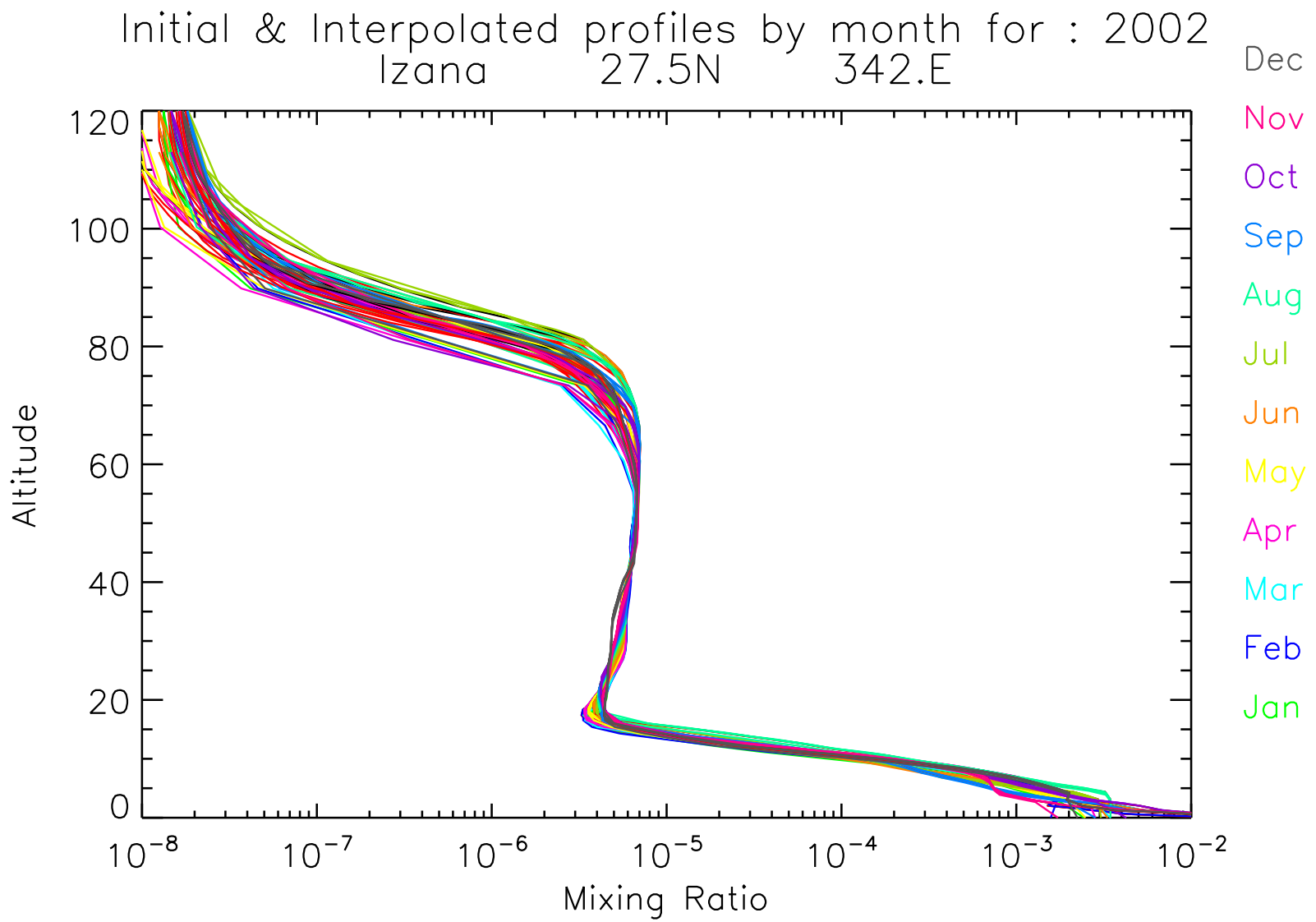
Initial & Interpolated profiles by month for : 2002
Izana 27.5N 342.E
Altitude
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Mixing Ratio
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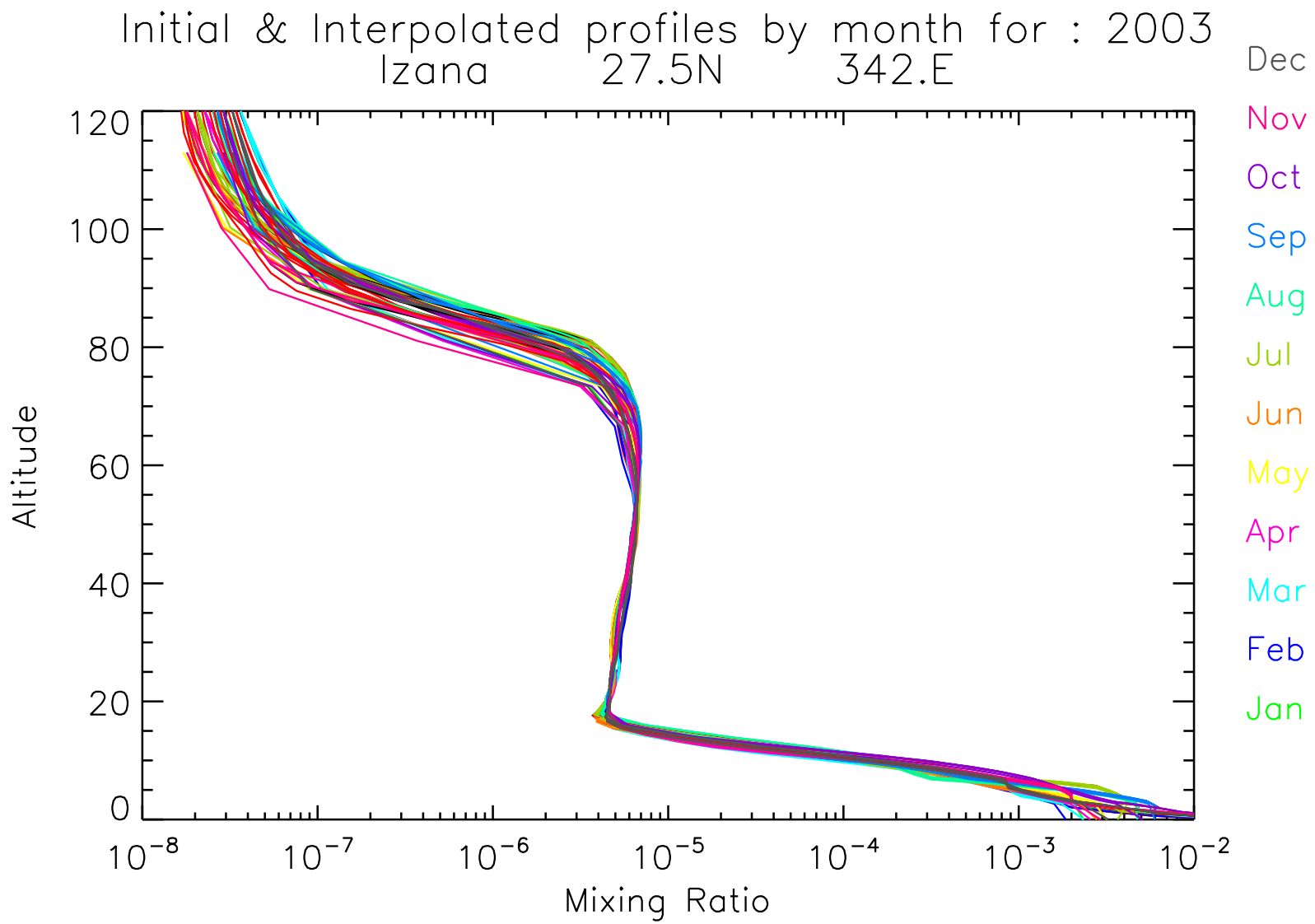
Initial & Interpolated profiles by month for : 2003
Izana 27.5N 342.E
Altitude
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Mixing Ratio
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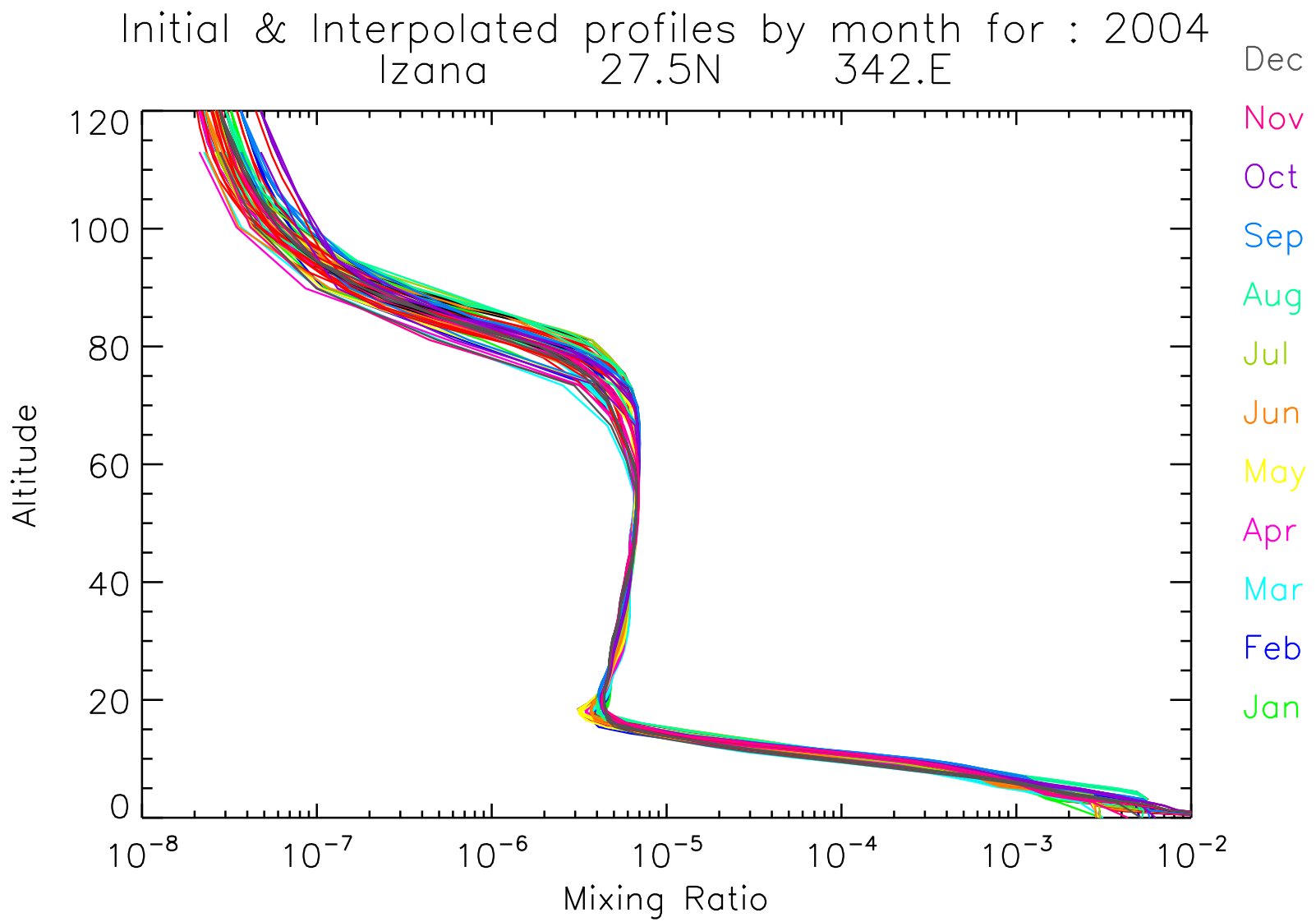
Initial & Interpolated profiles by month for : 2004
Izana 27.5N 342.E
Altitude
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Mixing Ratio
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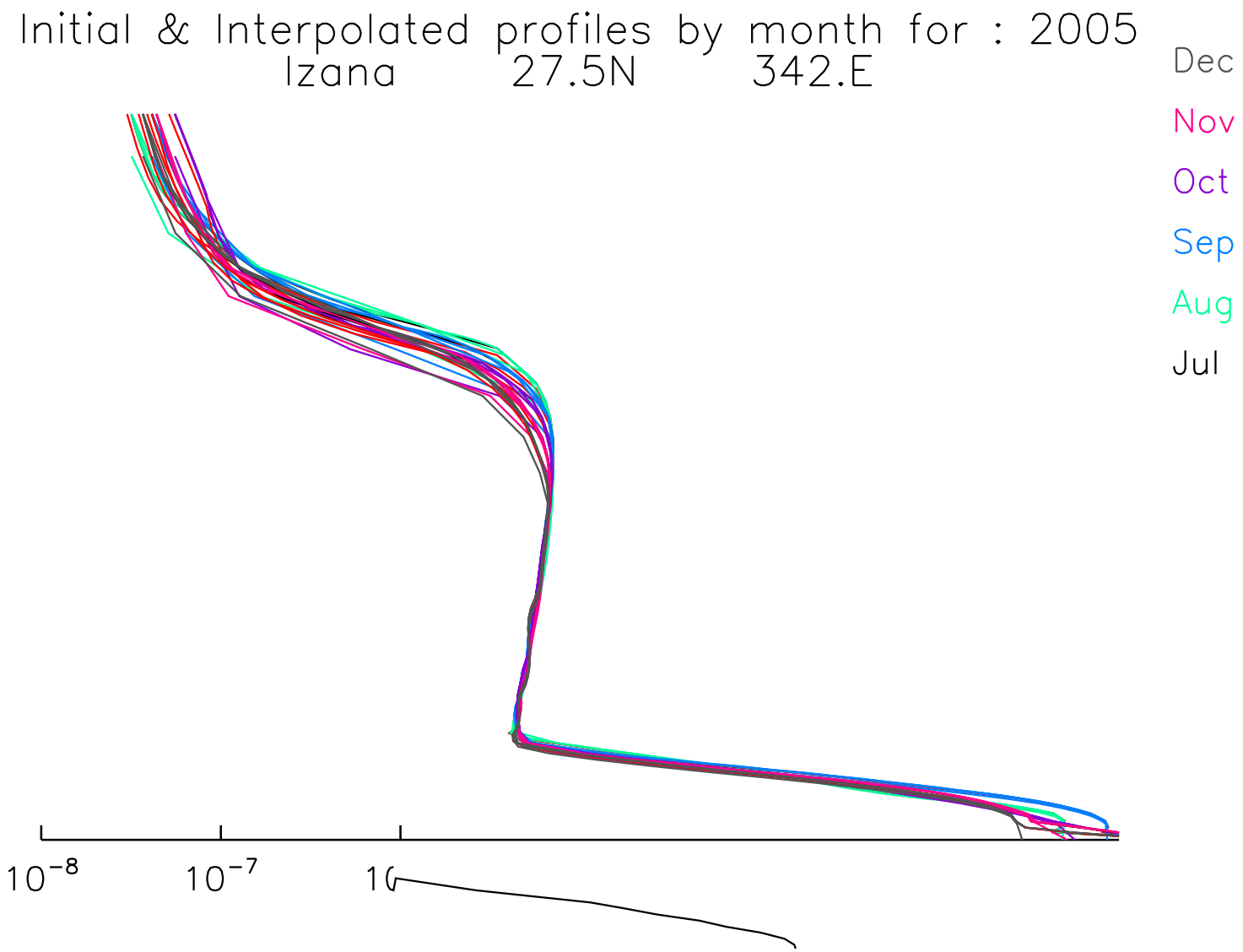
Initial & Interpolated profiles by month for : 2005
Izana 27.5N 342.E
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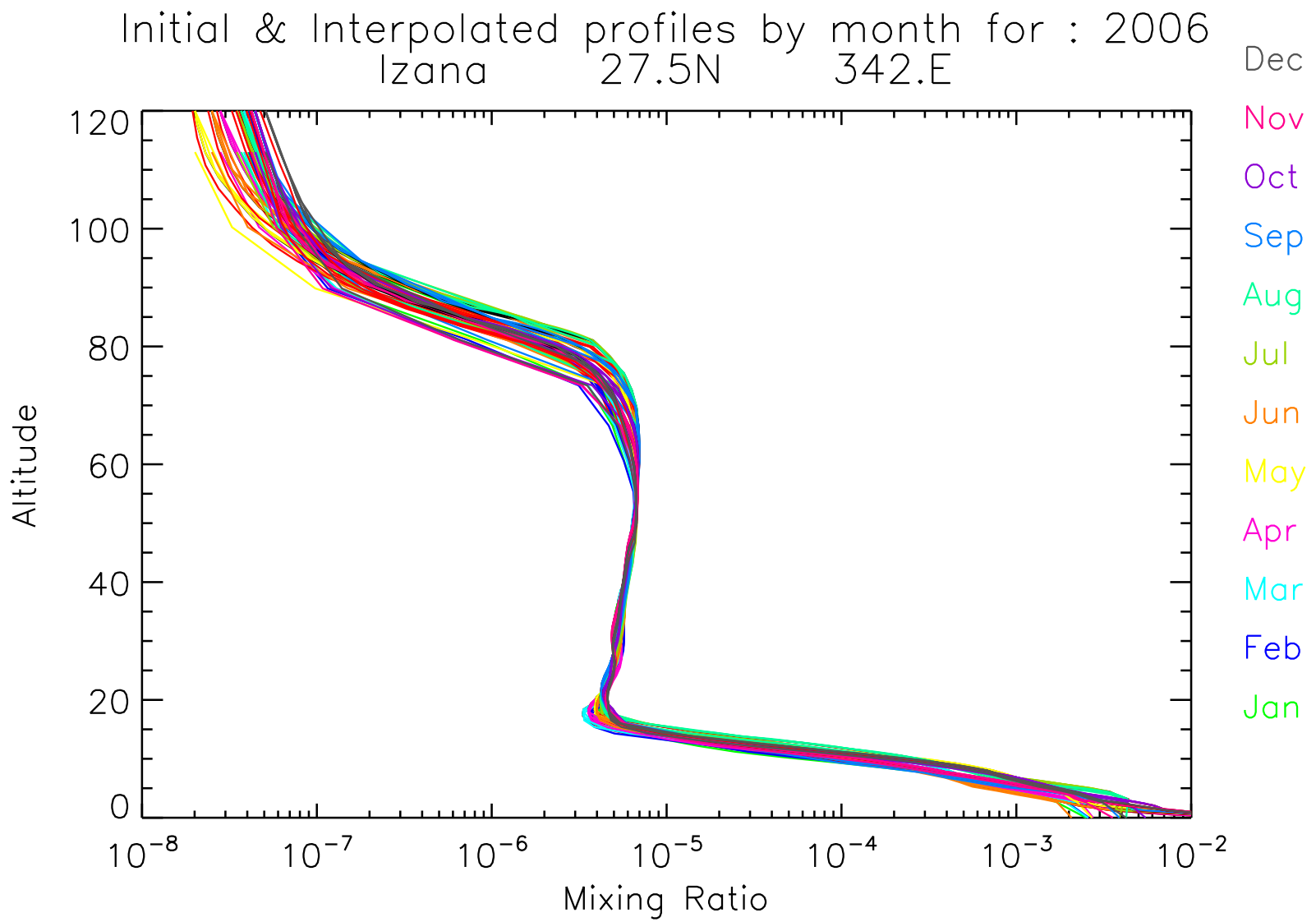
Initial & Interpolated profiles by month for : 2006
Izana 27.5N 342.E
Altitude
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Mixing Ratio
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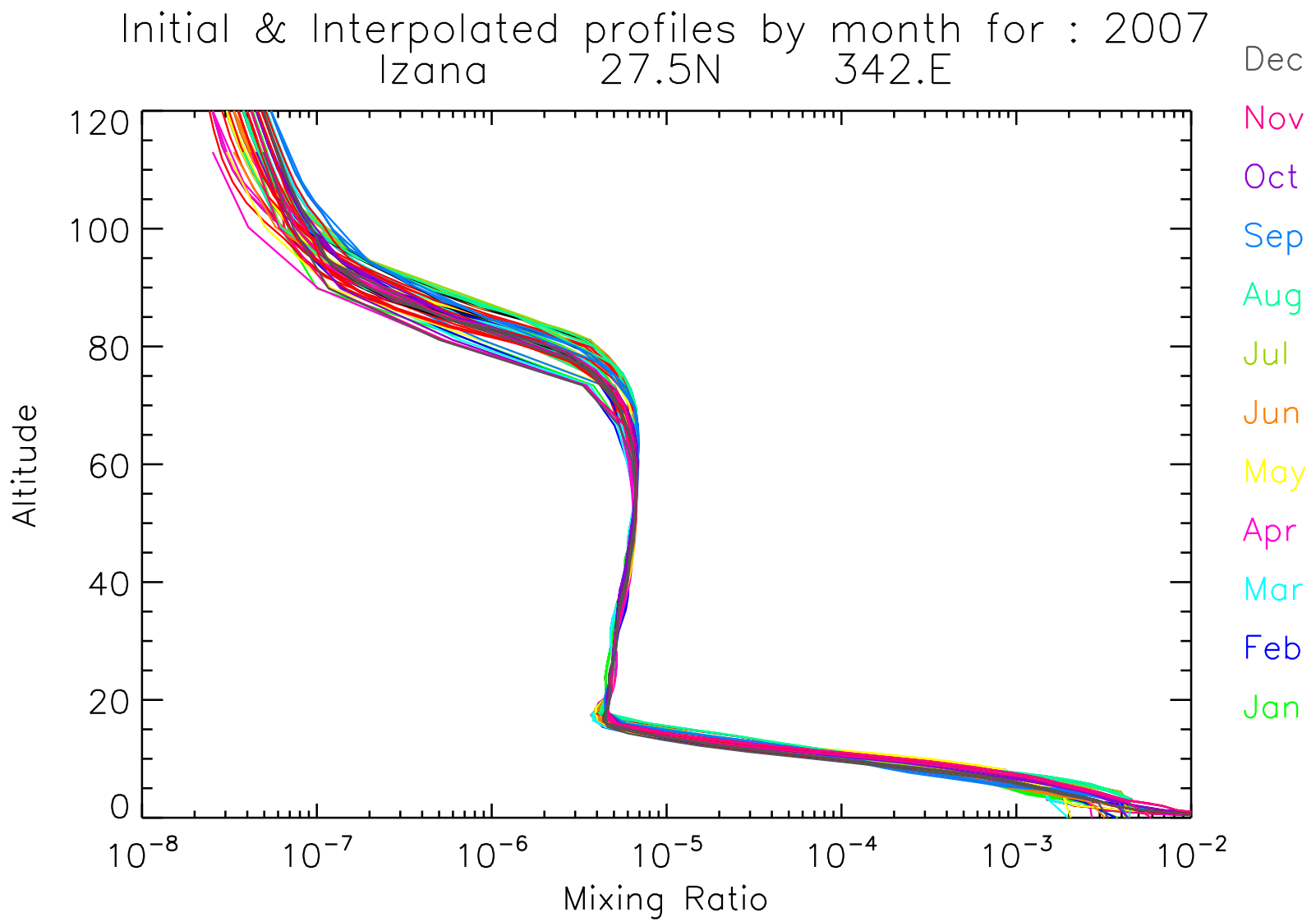
Initial & Interpolated profiles by month for : 2007
Izana 27.5N 342.E
Altitude
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Mixing Ratio
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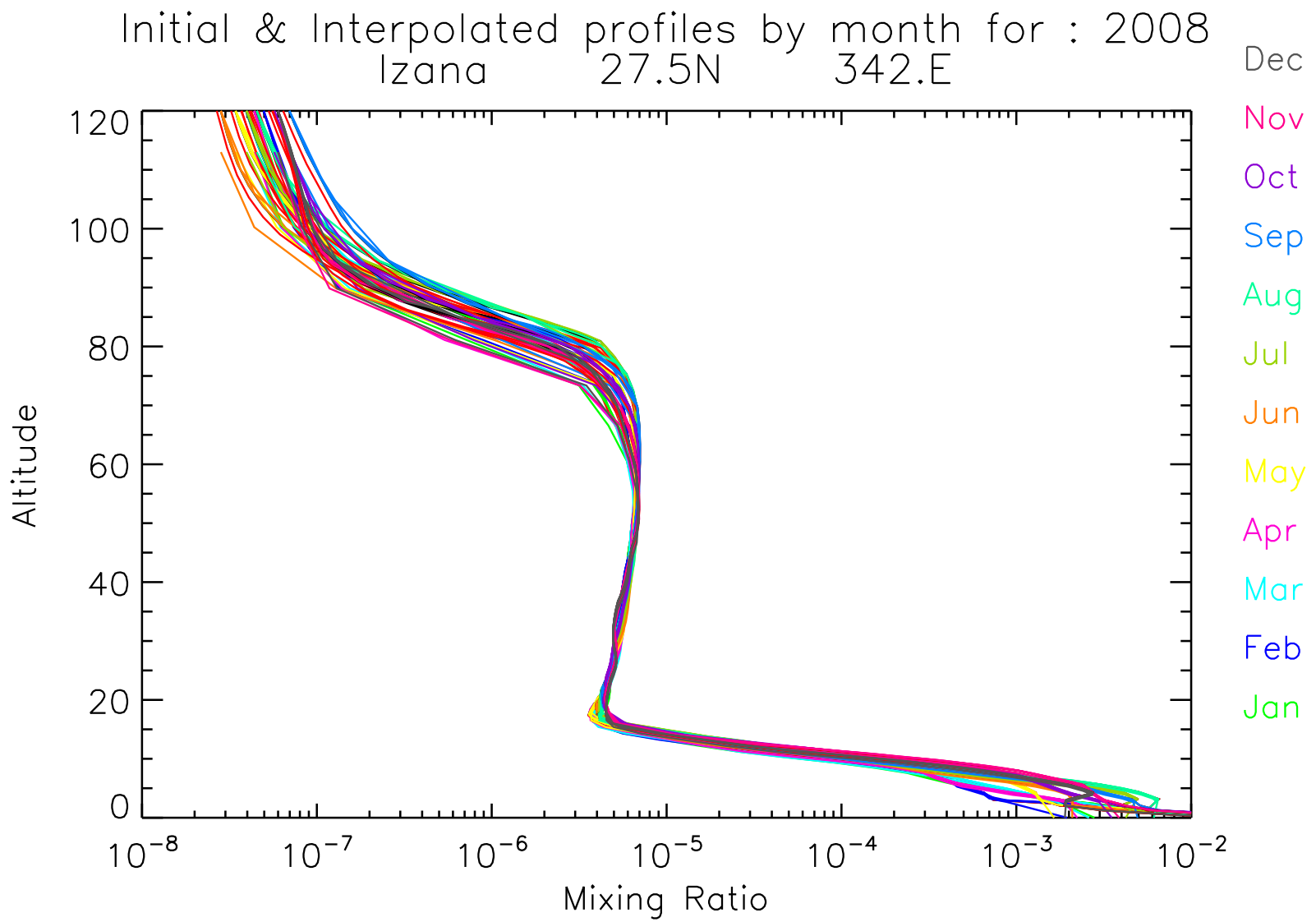
Initial & Interpolated profiles by month for : 2008
Izana 27.5N 342.E
Altitude
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Mixing Ratio
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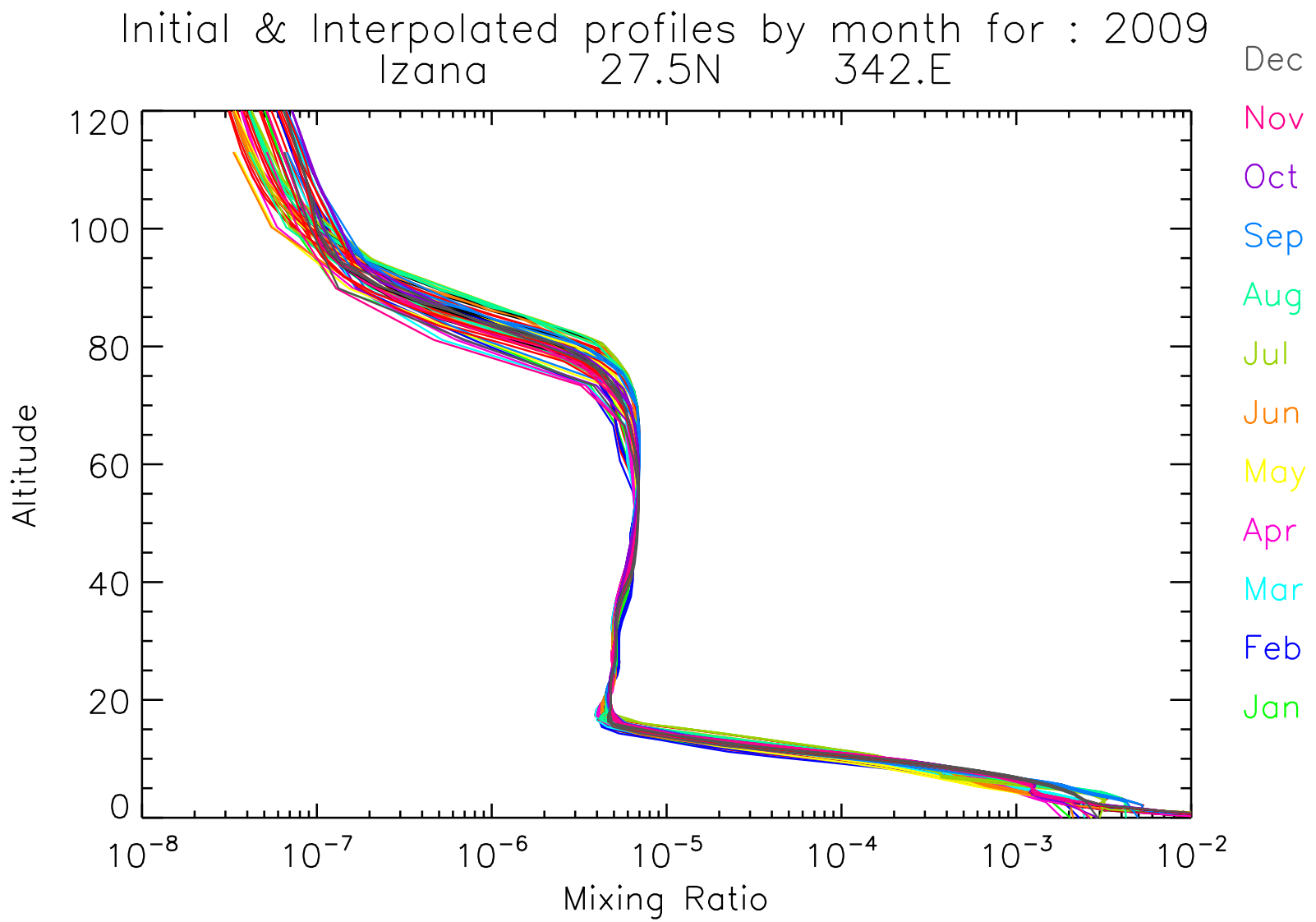
Initial & Interpolated profiles by month for : 2009
Izana 27.5N 342.E
Altitude
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Mixing Ratio
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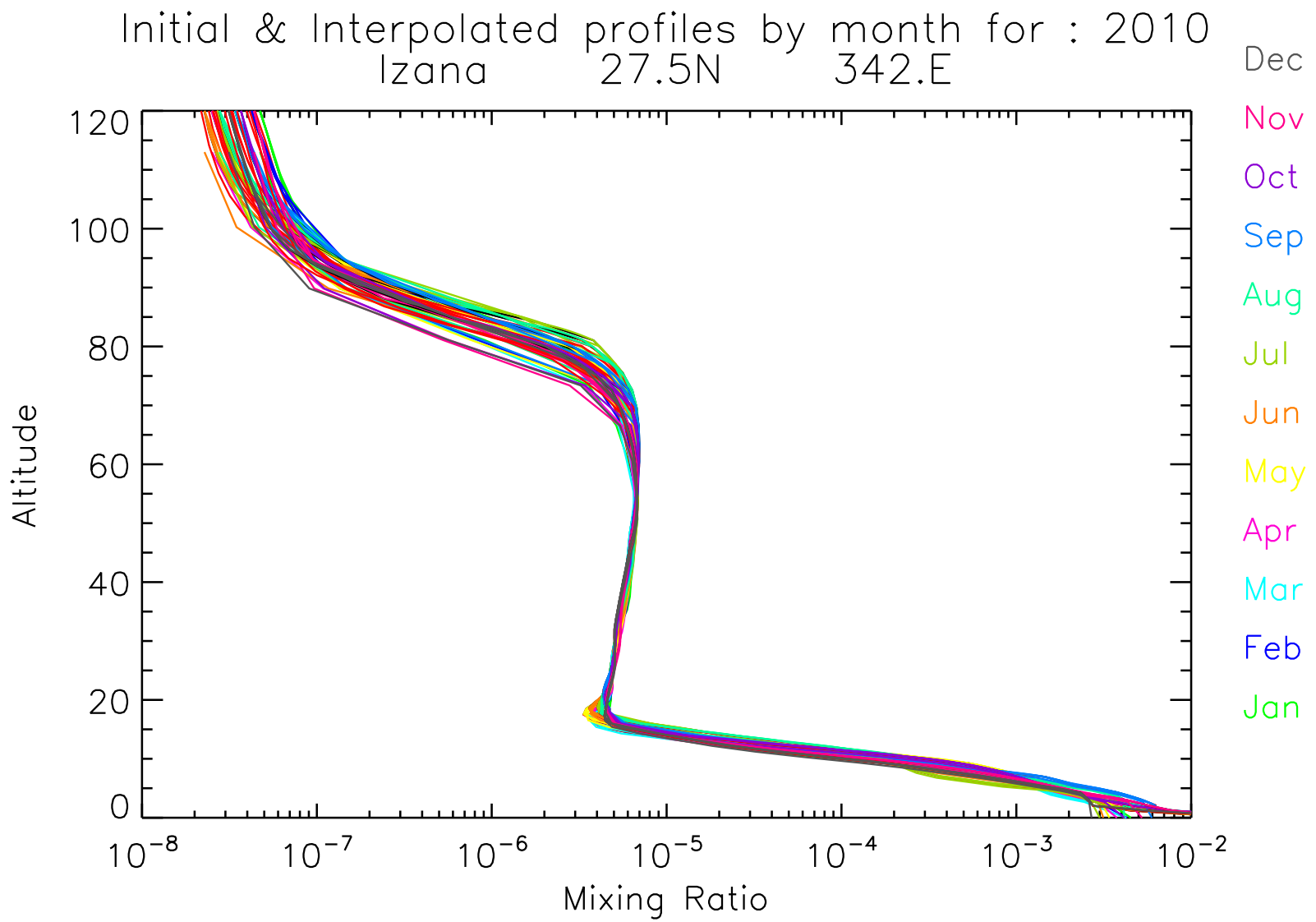
Initial & Interpolated profiles by month for : 2010
Izana 27.5N 342.E
Altitude
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Mixing Ratio
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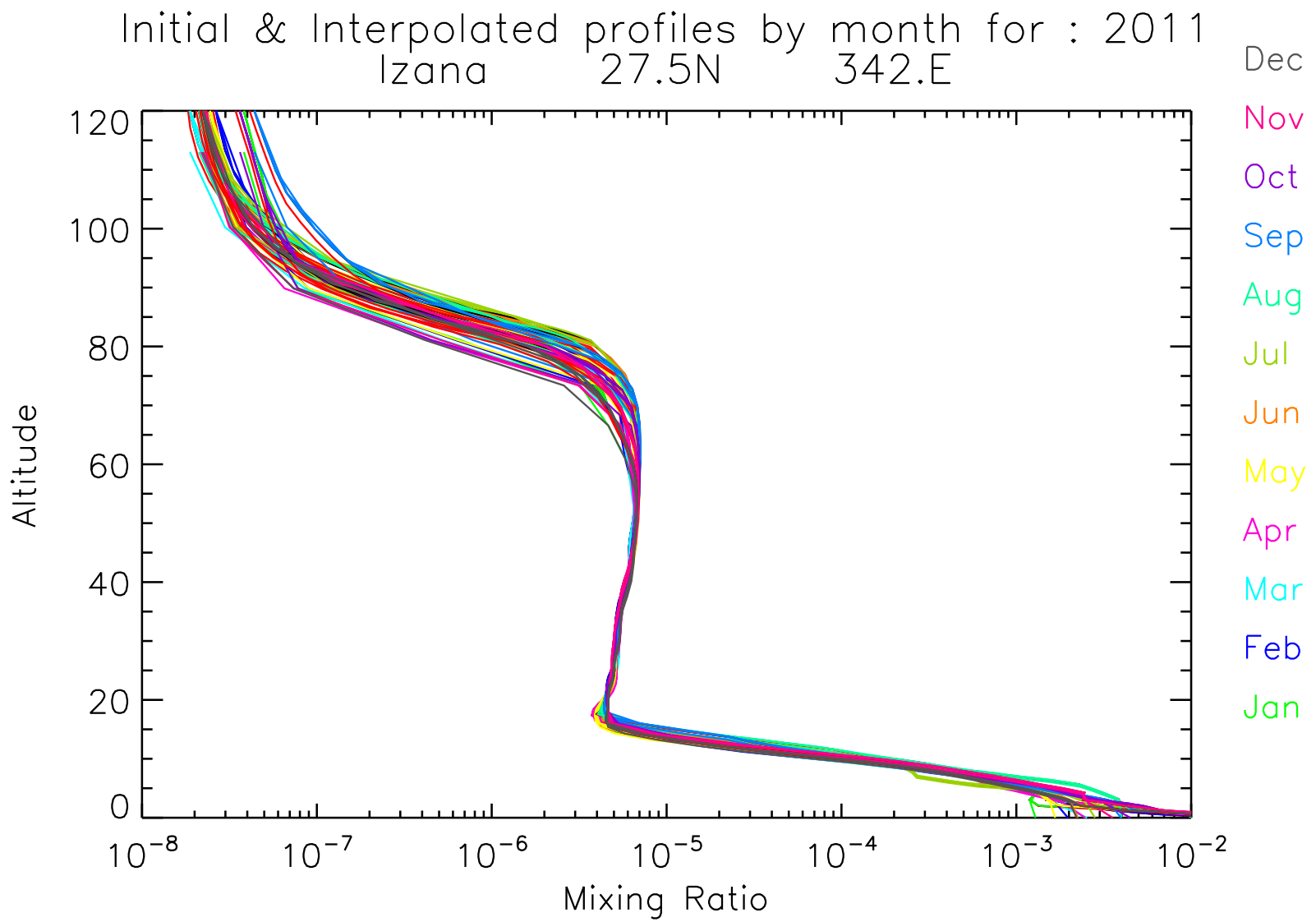
Initial & Interpolated profiles by month for : 2011
Izana 27.5N 342.E
Altitude
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Mixing Ratio
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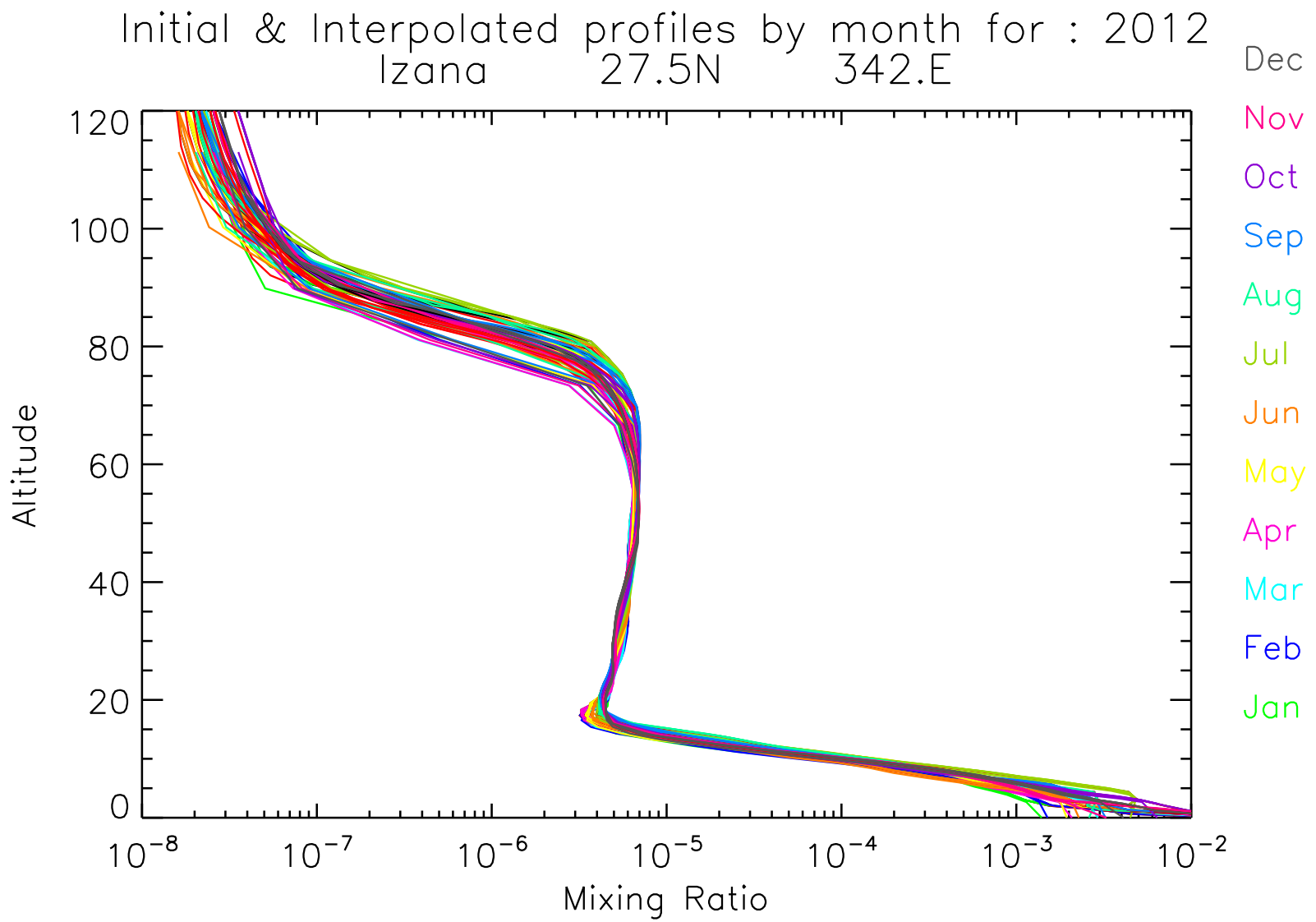
Initial & Interpolated profiles by month for : 2012
Izana 27.5N 342.E
Altitude
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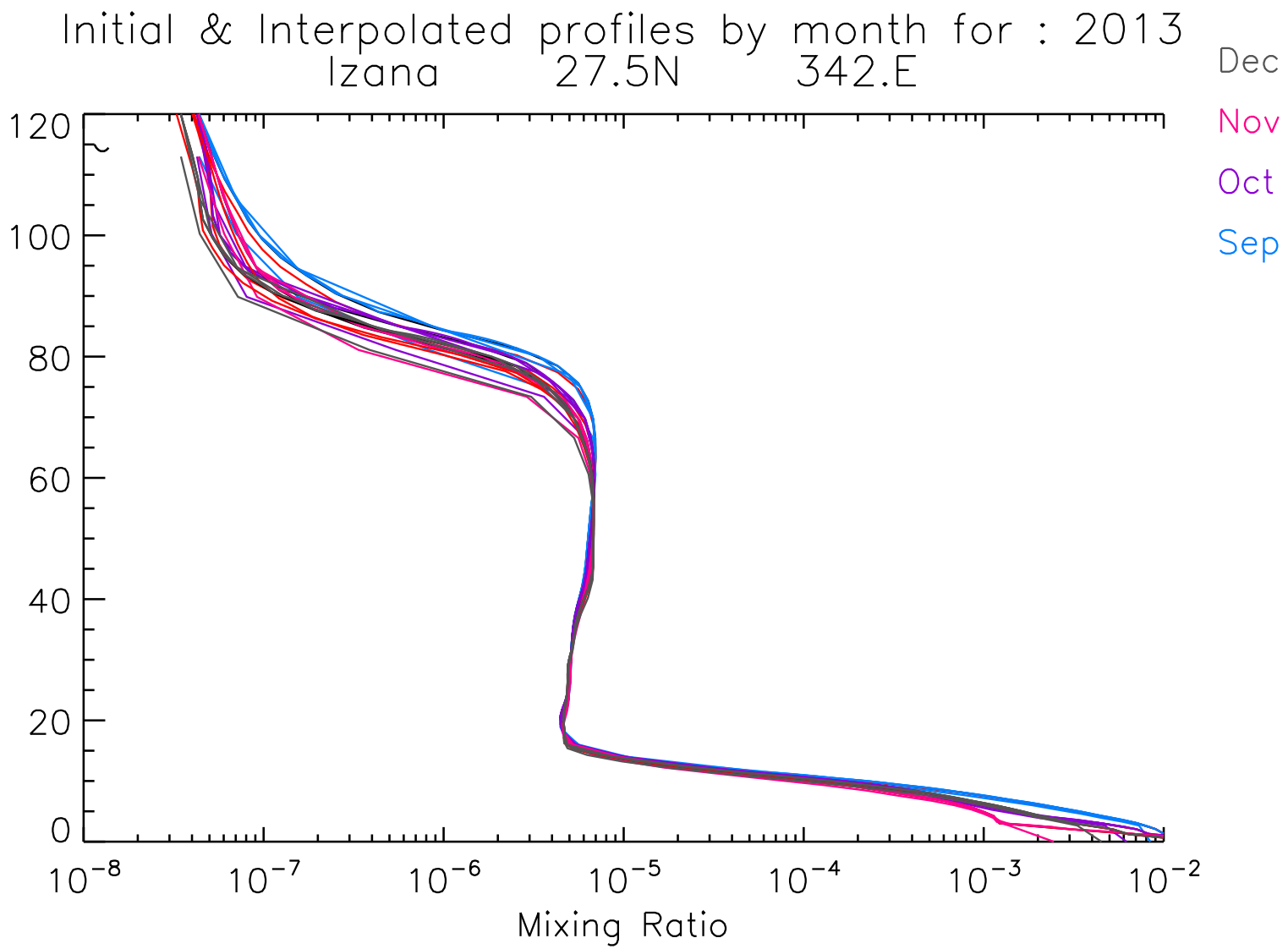
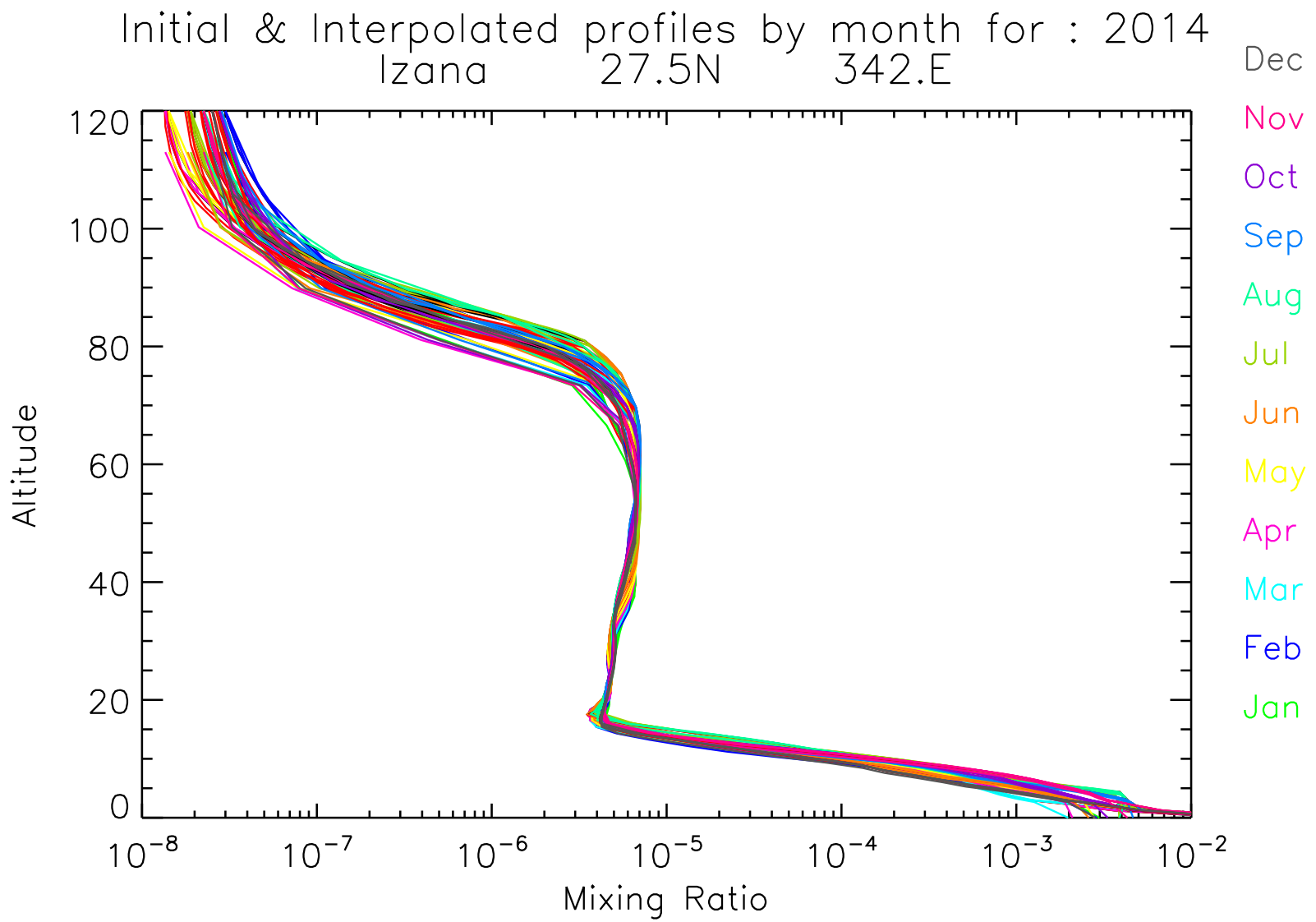
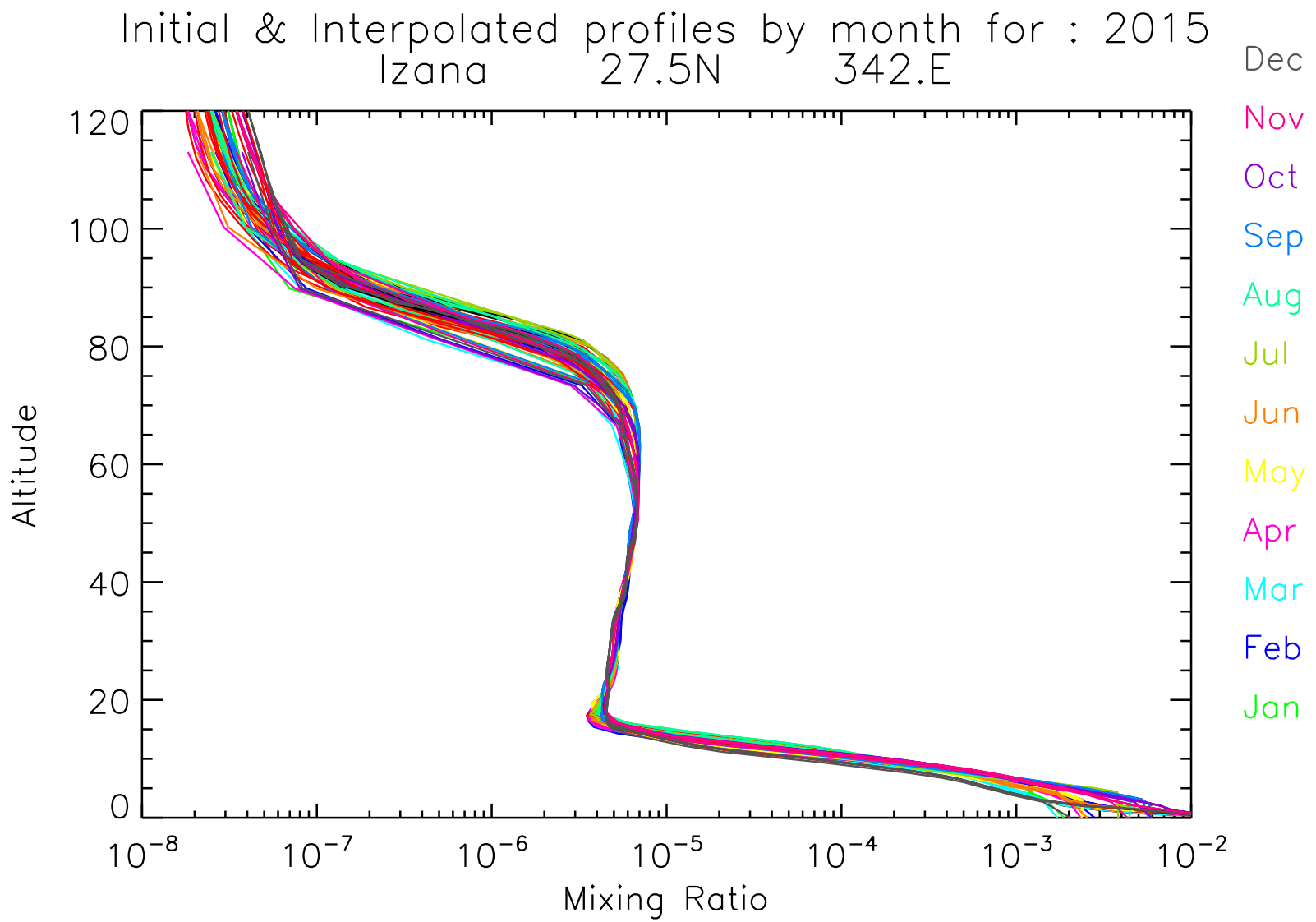
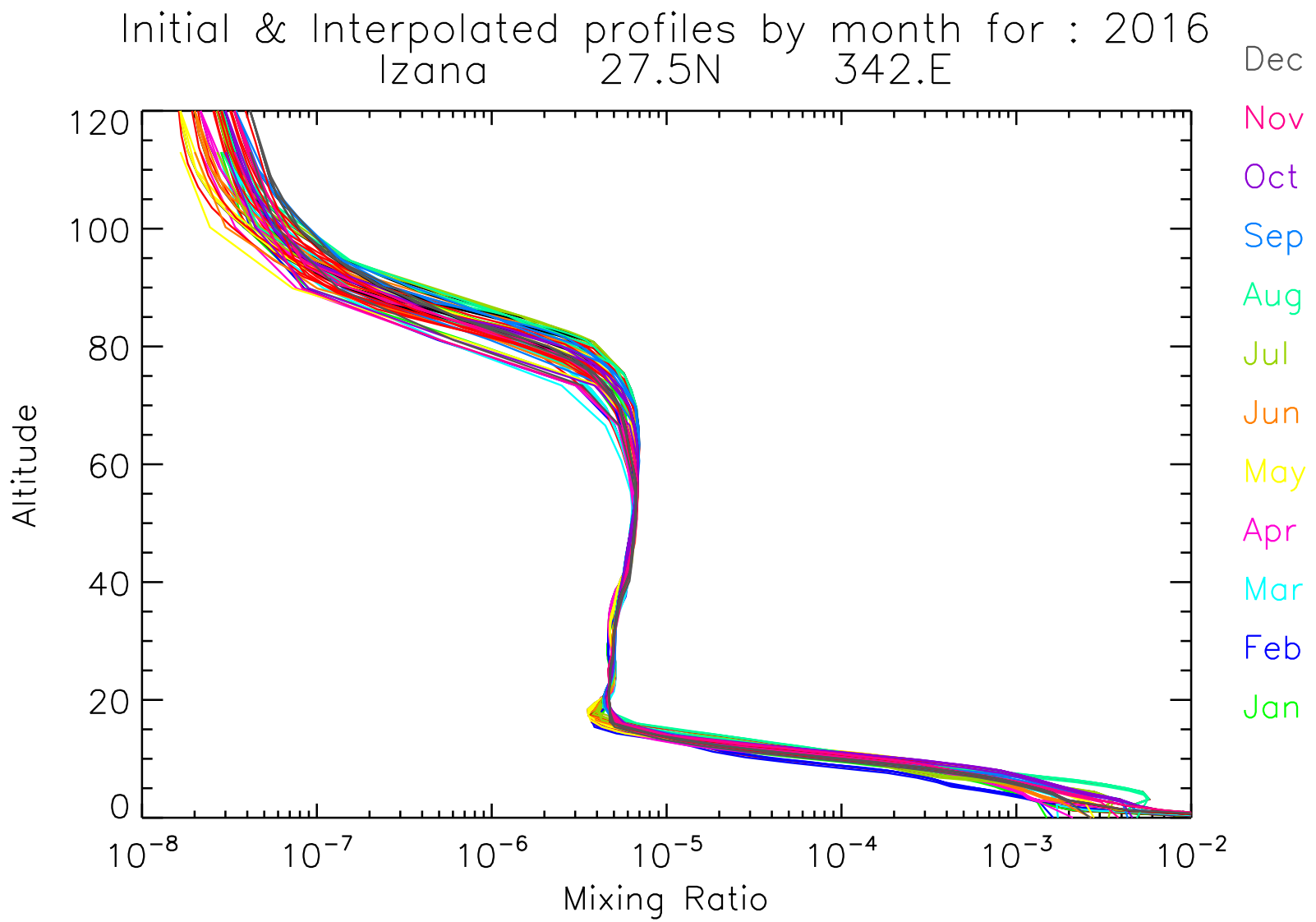
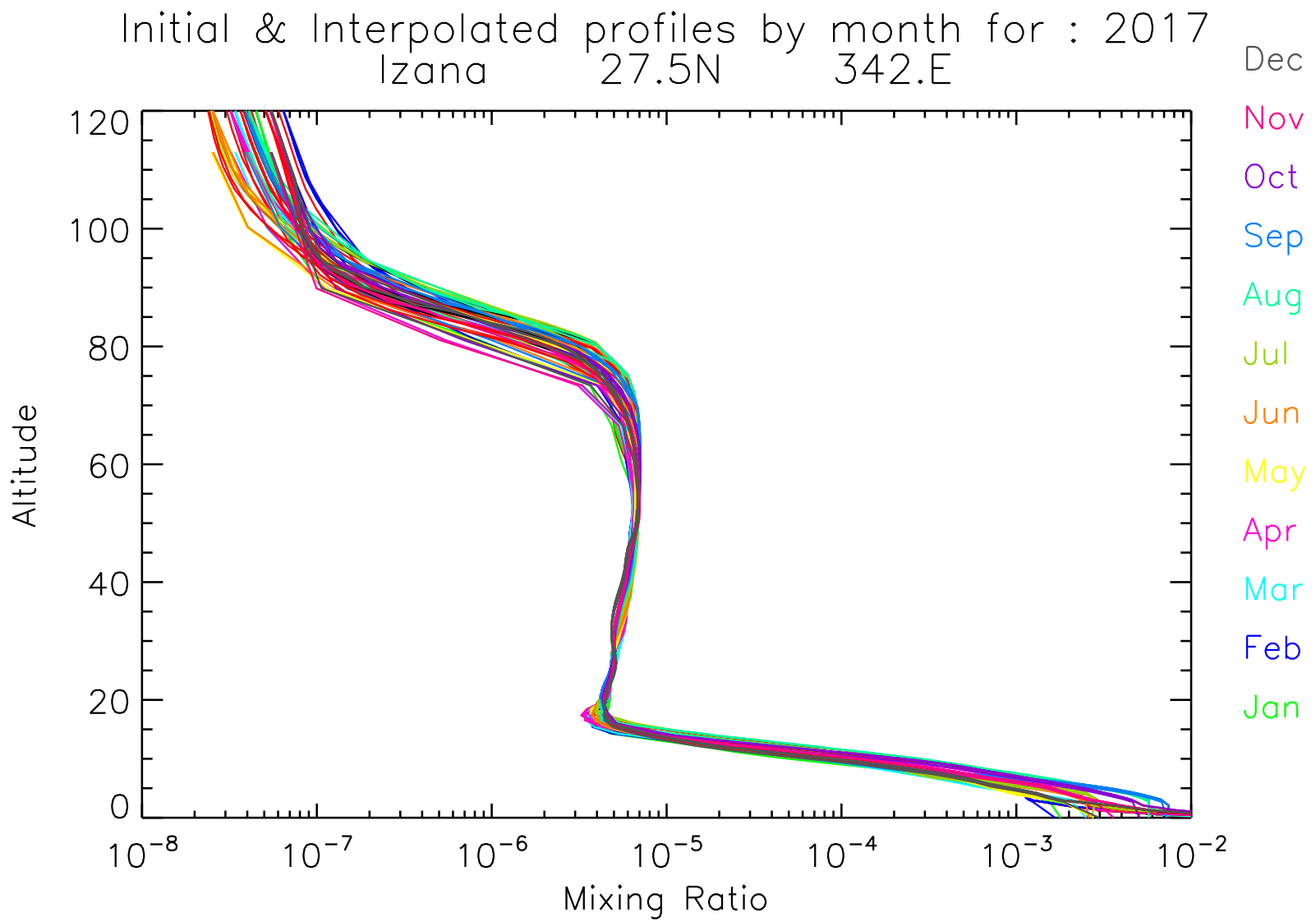
10^{-2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

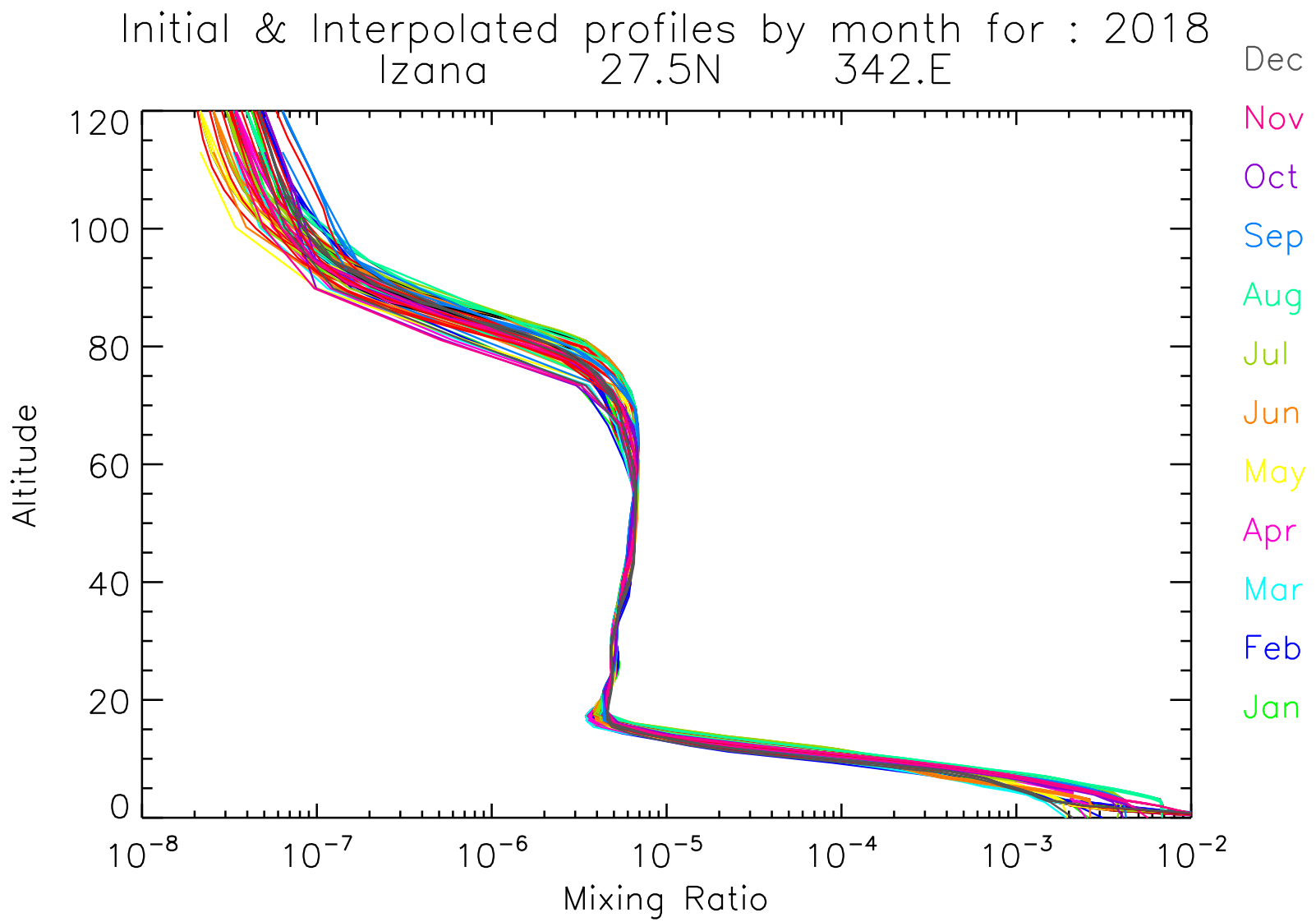

Initial & Interpolated profiles by month for : 2013
Izana 27.5N 342.E
Dec
Nov
Oct
Sep
120
100
80
60
40
20
0
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
10^{-2}
Mixing Ratio

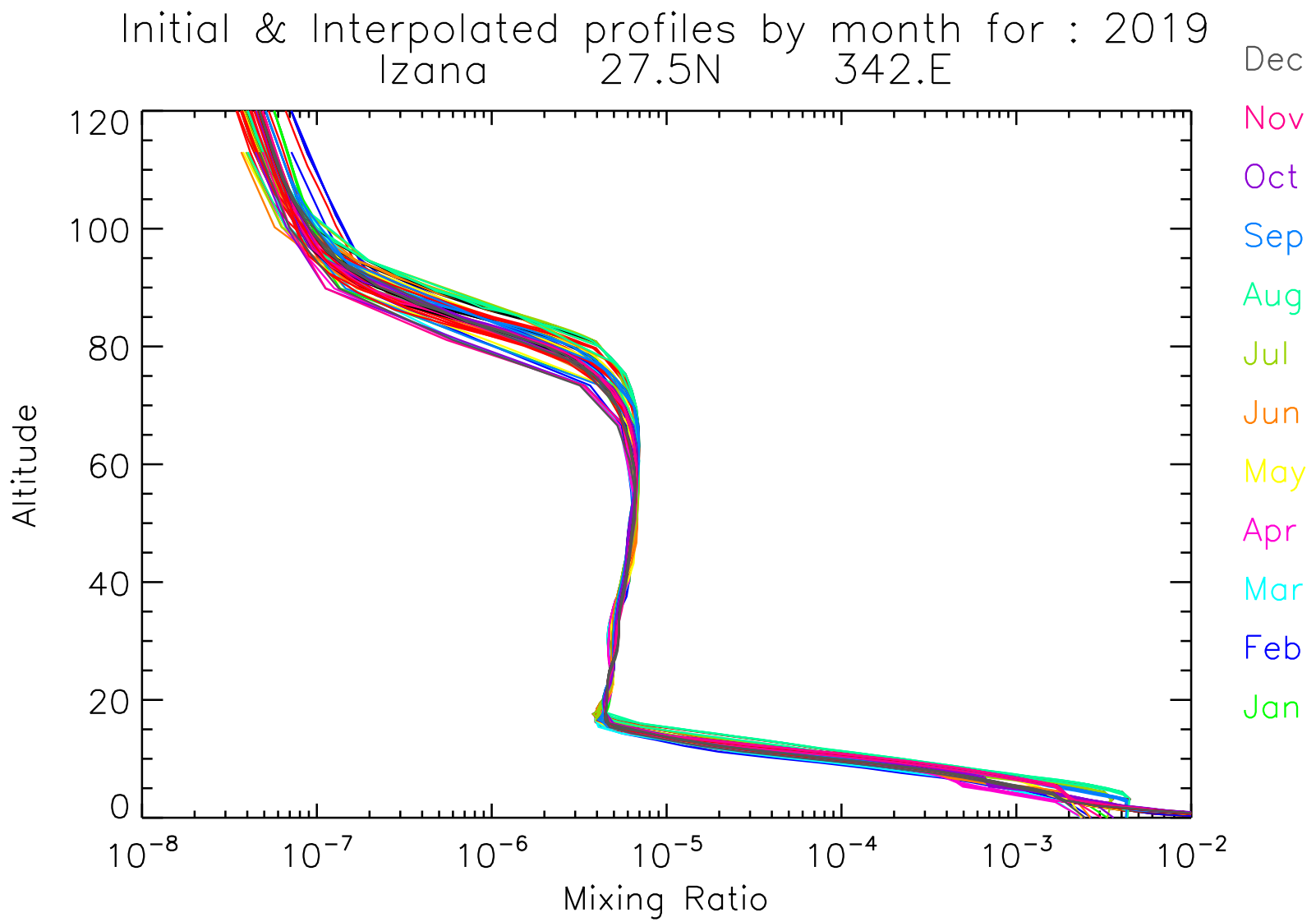

Initial & Interpolated profiles by month for : 2014
Izana 27.5N 342.E
Altitude
120
100
80
60
40
20
0
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
10^{-2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

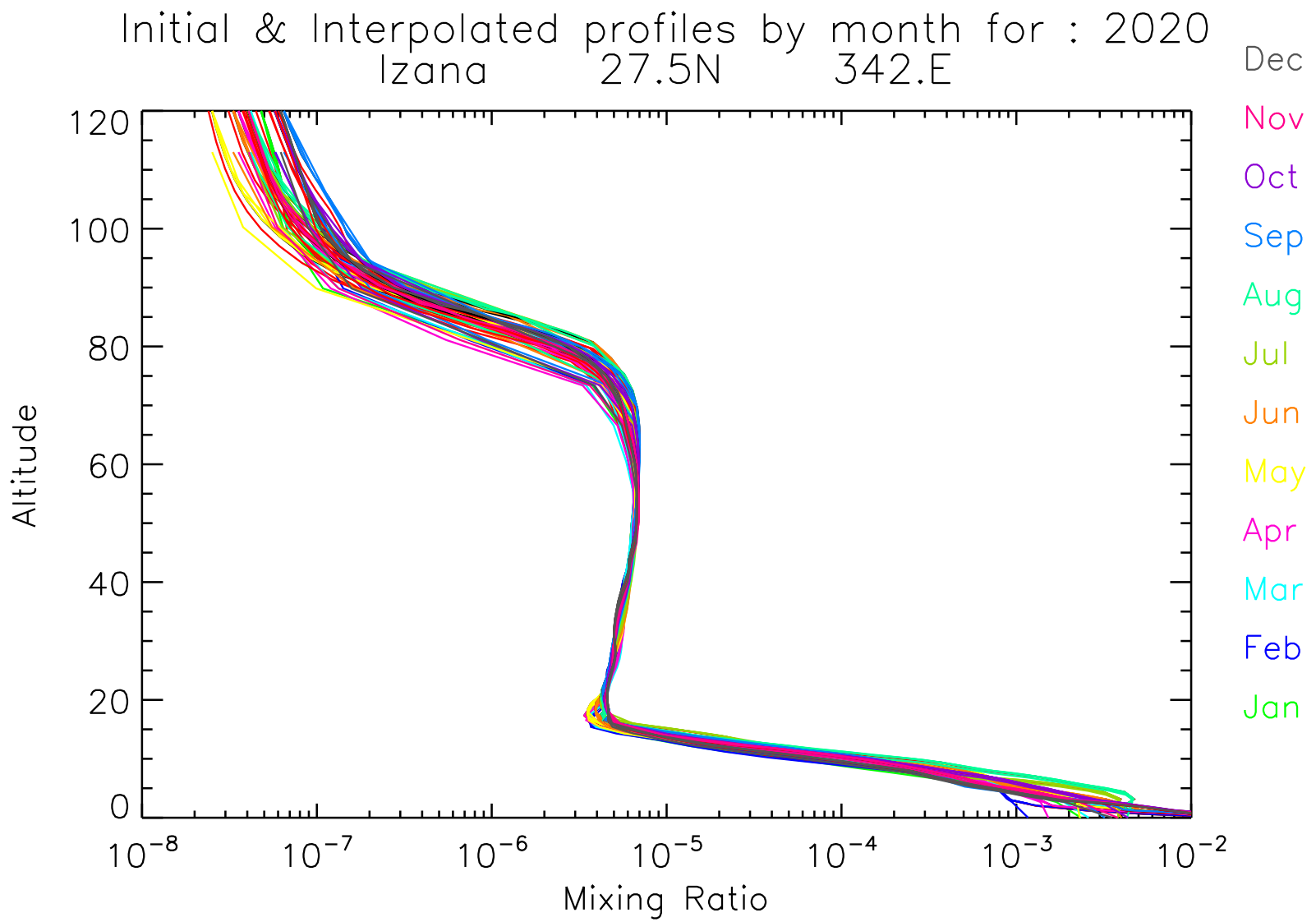

Initial & Interpolated profiles by month for : 2015
Izana 27.5N 342.E
Altitude
120
100
80
60
40
20
0
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
10^{-2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

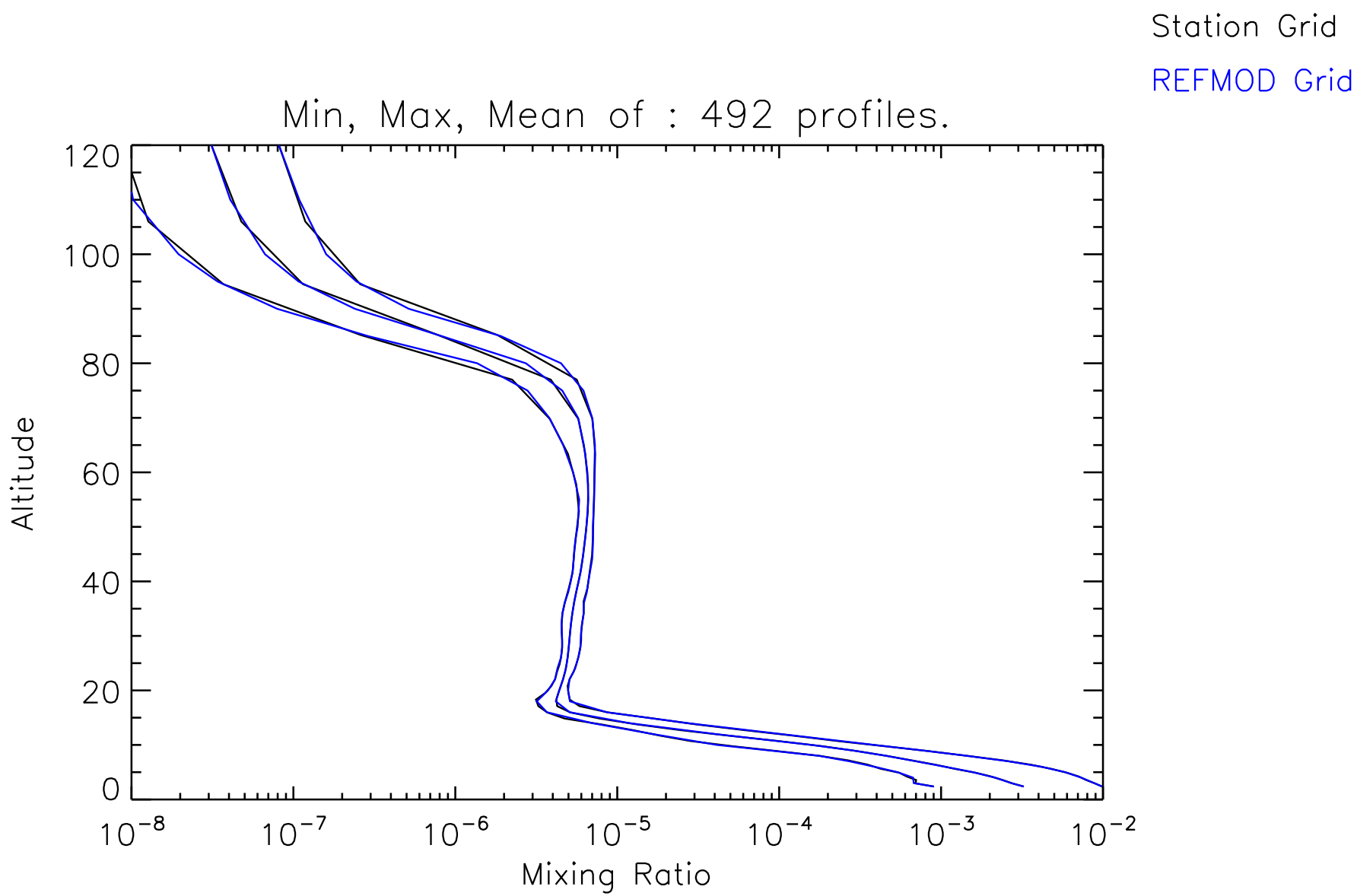

Initial & Interpolated profiles by month for : 2016
Izana 27.5N 342.E
Altitude
120
100
80
60
40
20
0
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
10^{-2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan


Initial & Interpolated profiles by month for : 2017
Izana 27.5N 342.E
Altitude
120
100
80
60
40
20
0
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
10^{-2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

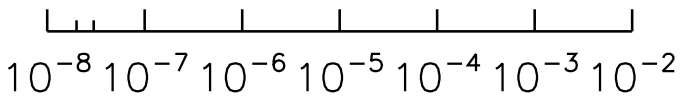

Initial & Interpolated profiles by month for : 2018
Izana 27.5N 342.E
Altitude
120
100
80
60
40
20
0
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
10^{-2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

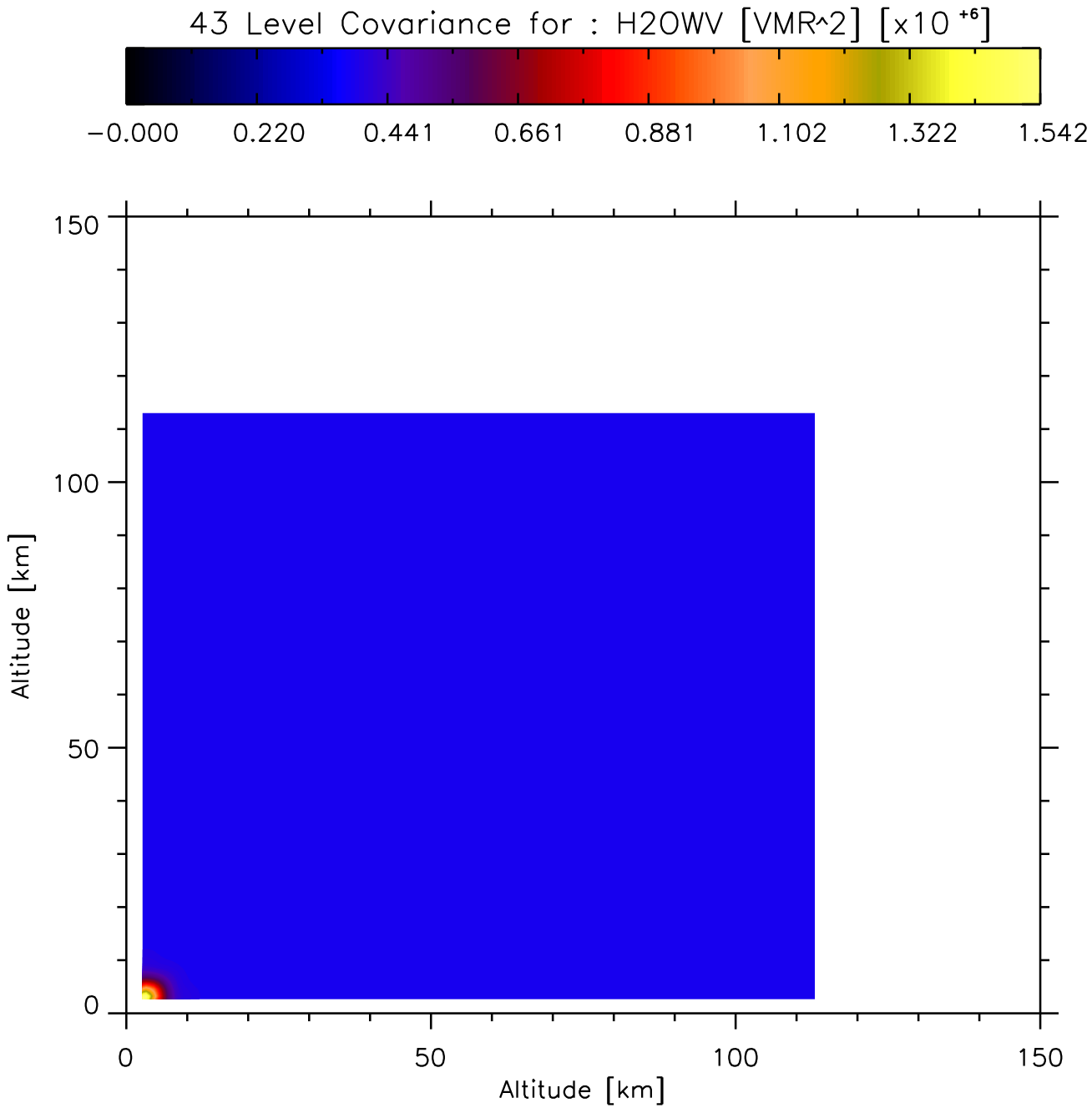

Initial & Interpolated profiles by month for : 2019
Izana 27.5N 342.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
Altitude
120
100
80
60
40
20
0
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
10^{-2}
Mixing Ratio

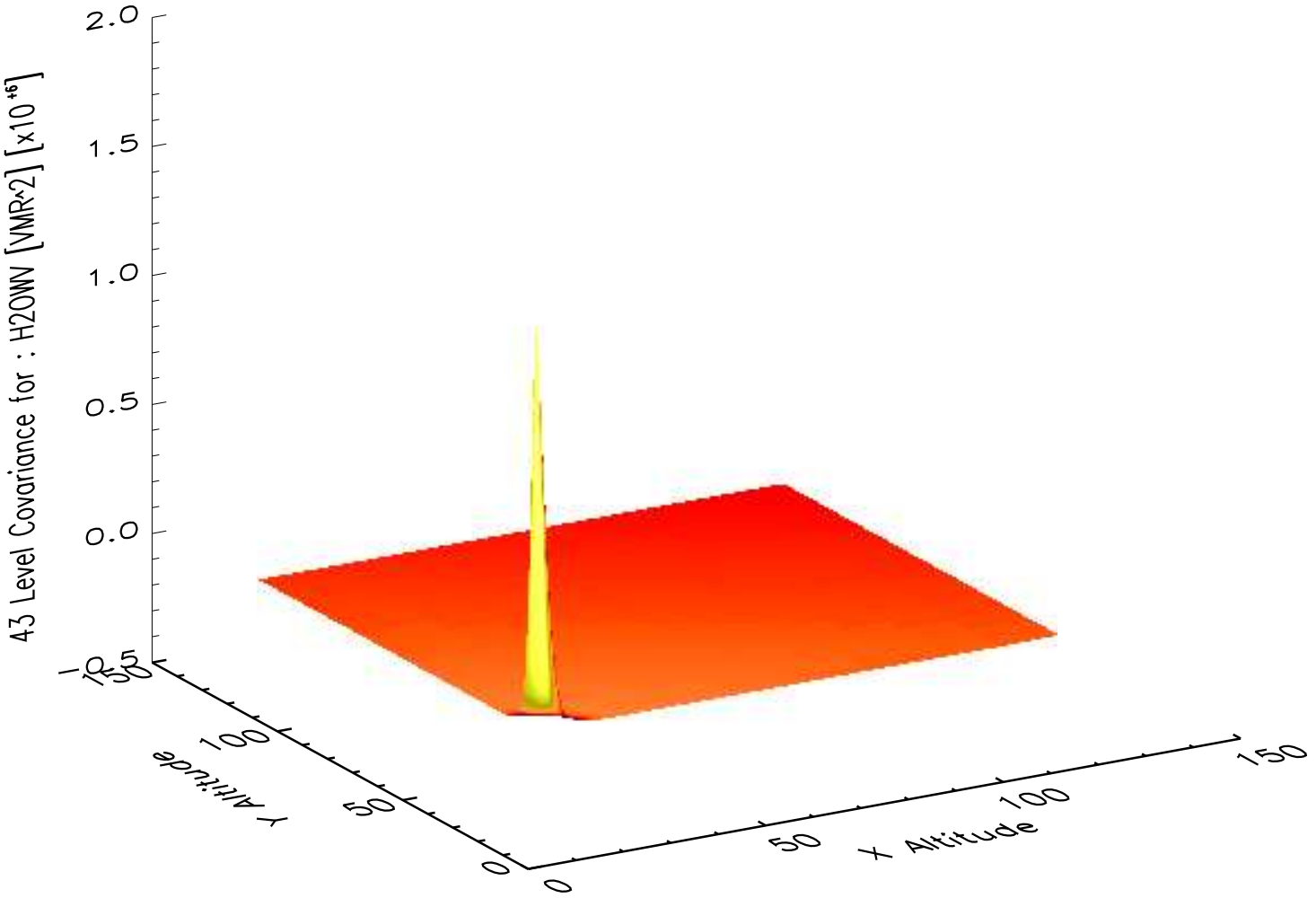

Initial & Interpolated profiles by month for : 2020
Izana 27.5N 342.E
Altitude
120
100
80
60
40
20
0
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
10^{-2}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan


Station Grid
REFMOD Grid
Min, Max, Mean of : 492 profiles.
Altitude
120
100
80
60
40
20
0
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
10^{-2}
Mixing Ratio

Std. Deviation




43 Level Covariance for : H2OWV [VMR^2] [x10 +6]
−0.000
0.220
0.441
0.661
0.881
1.102
1.322
1.542
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


43 Level Covariance for : H2OWV [VMR^2] [x10^-6]
2.0
1.5
1.0
0.5
0.0
-0.5
150
100
50
0
Y Altitude
0
50
100
150
X Altitude