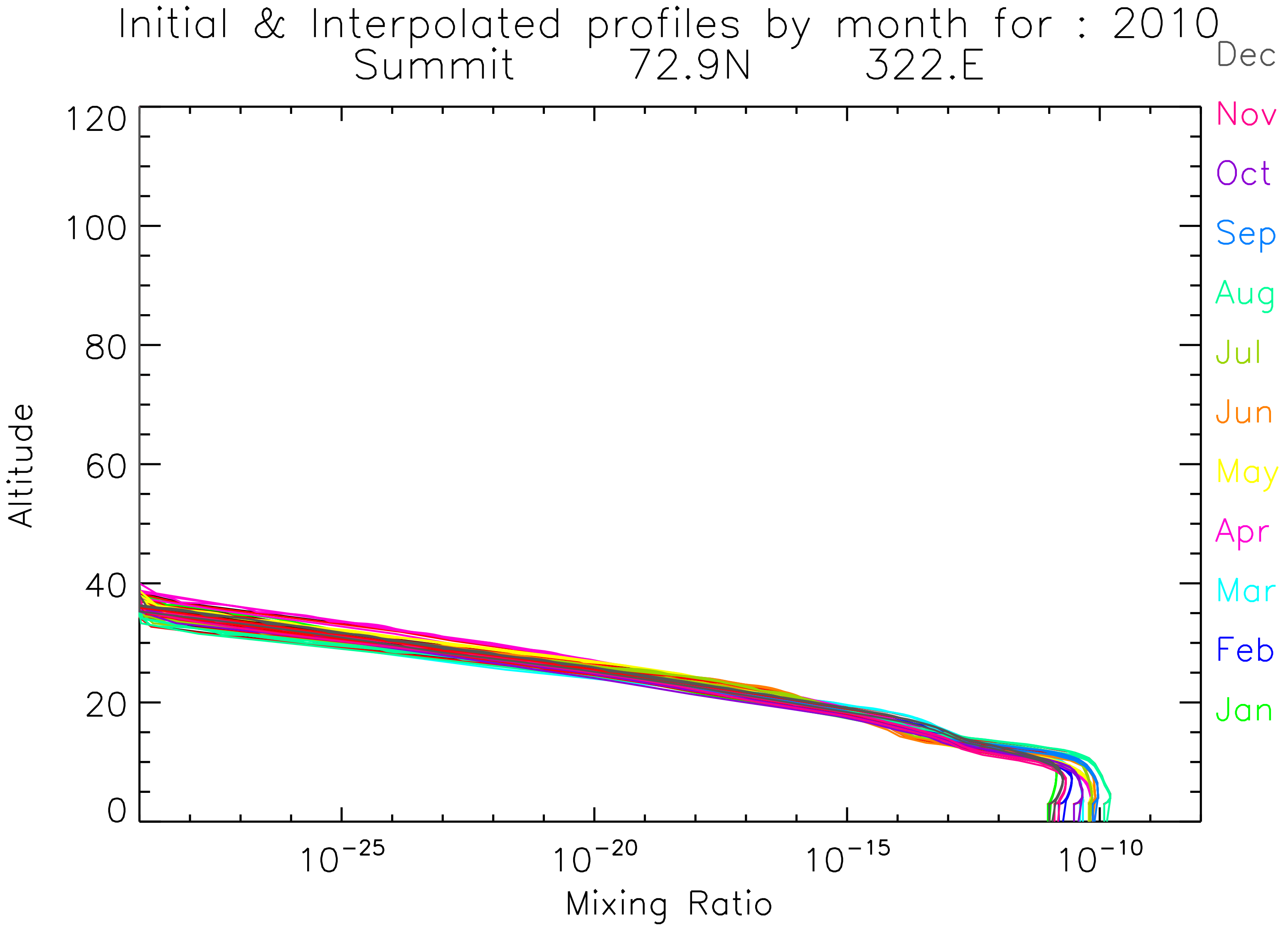
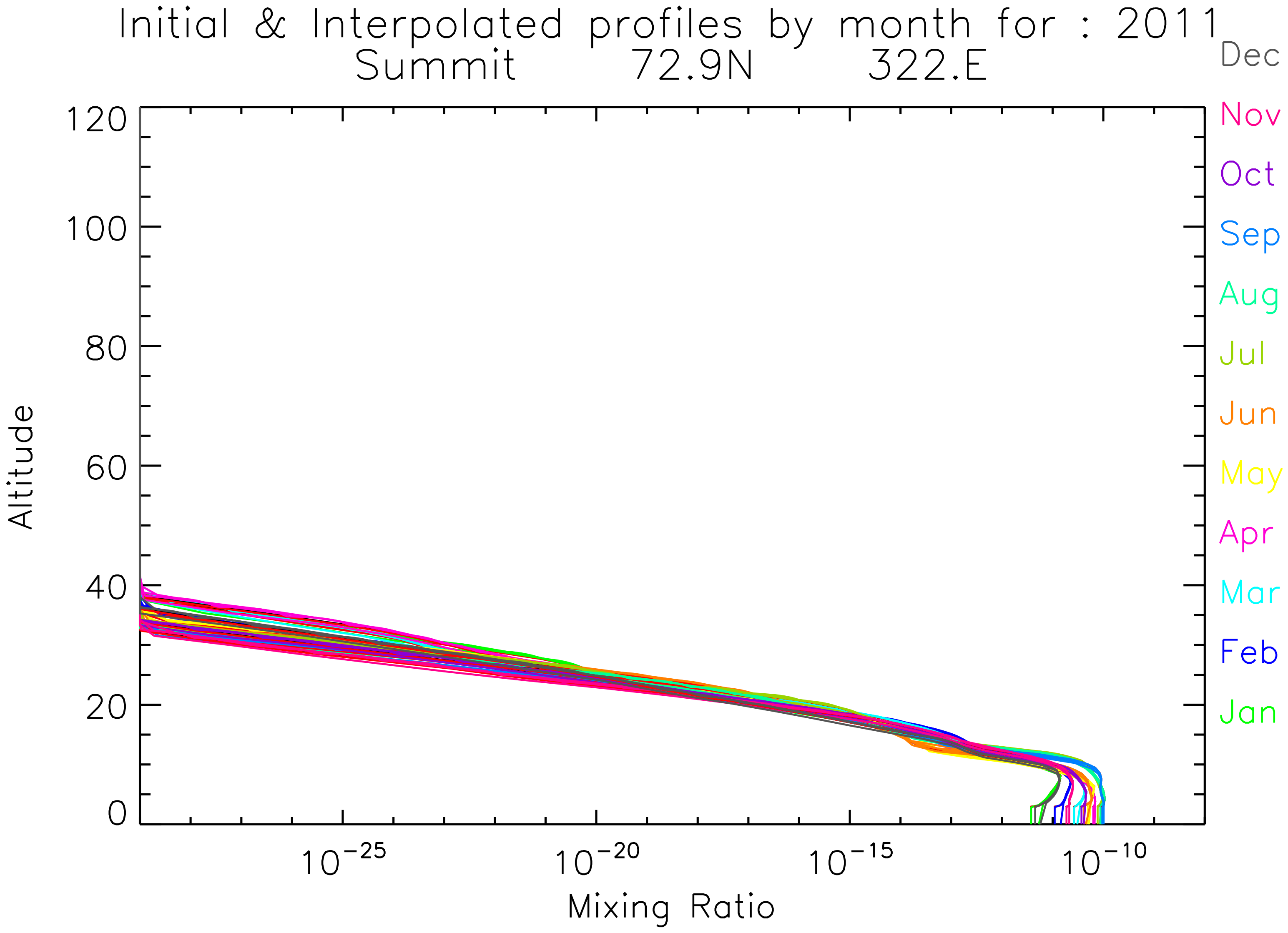
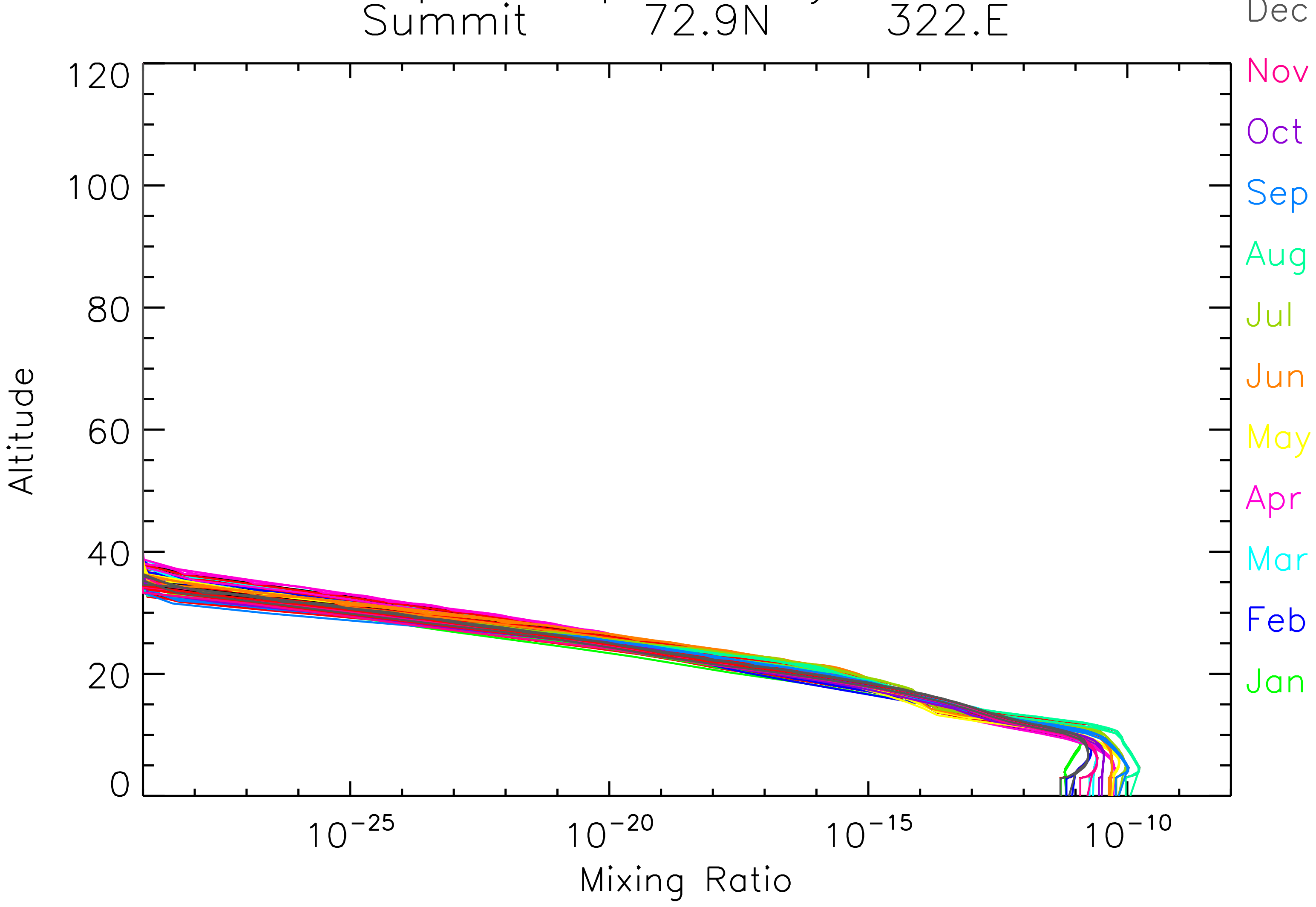


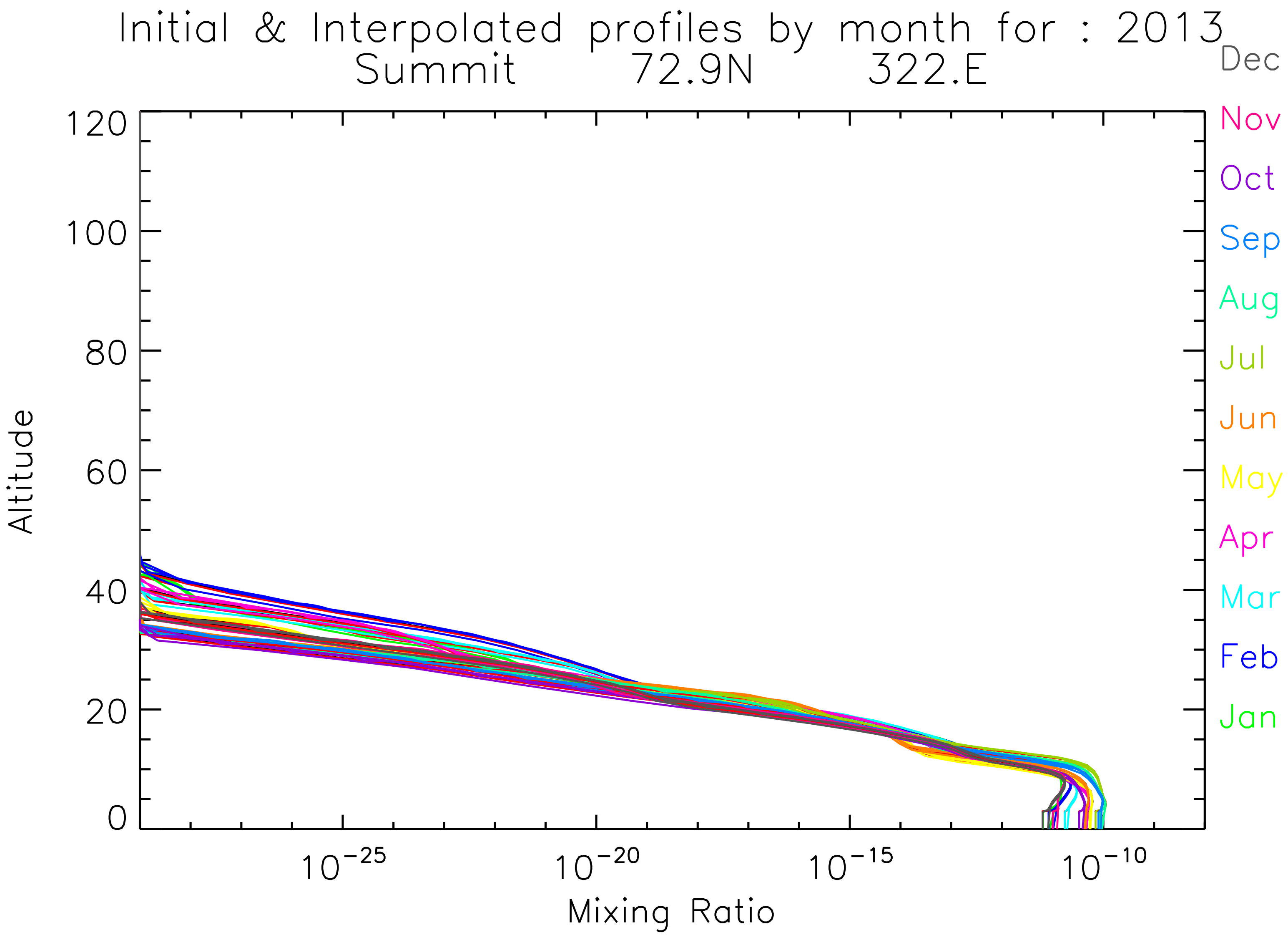
Initial & Interpolated profiles by month for : 2010
Summit 72.9N 322.E



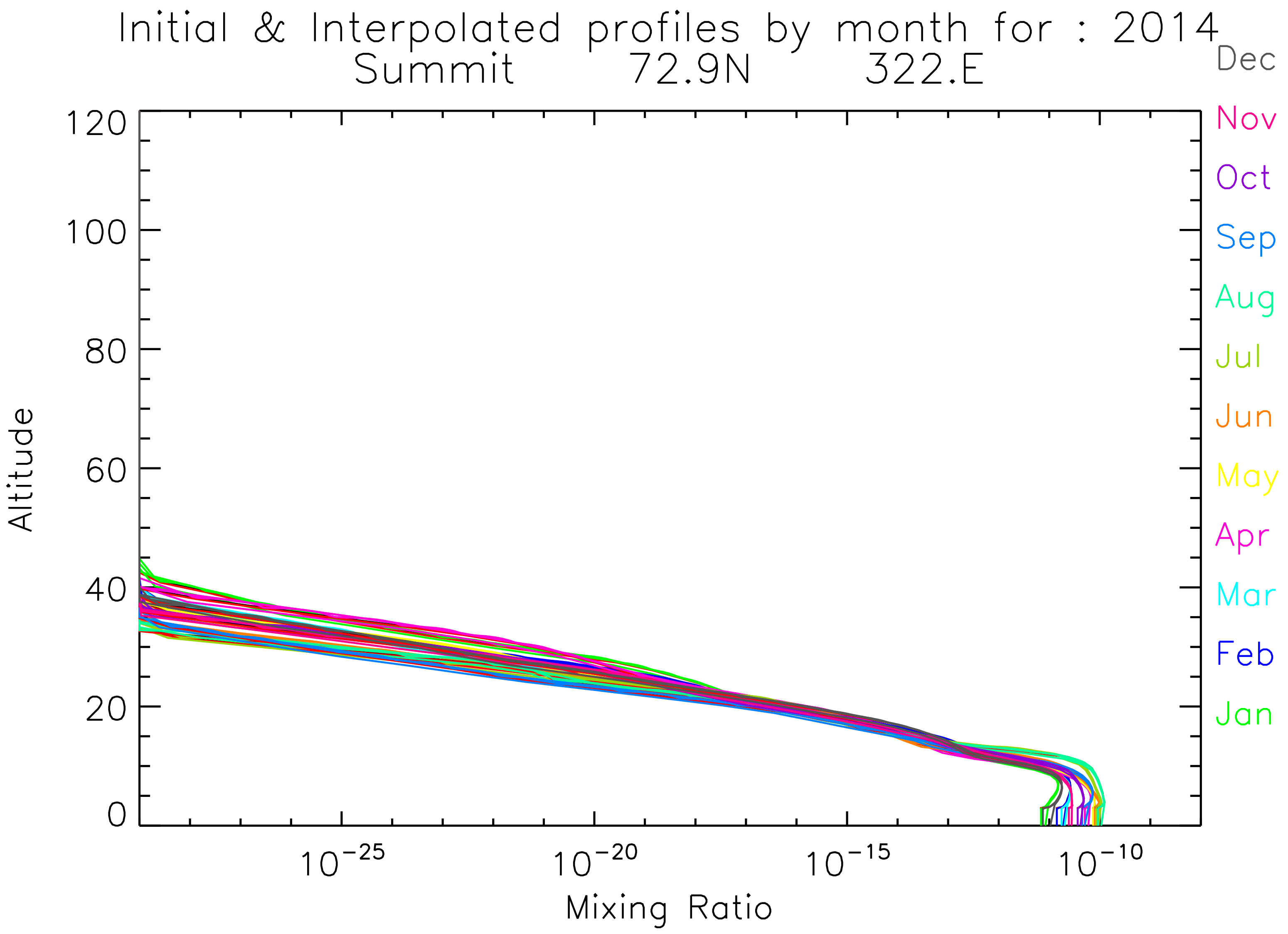
Initial & Interpolated profiles by month for : 2011
Summit 72.9N 322.E

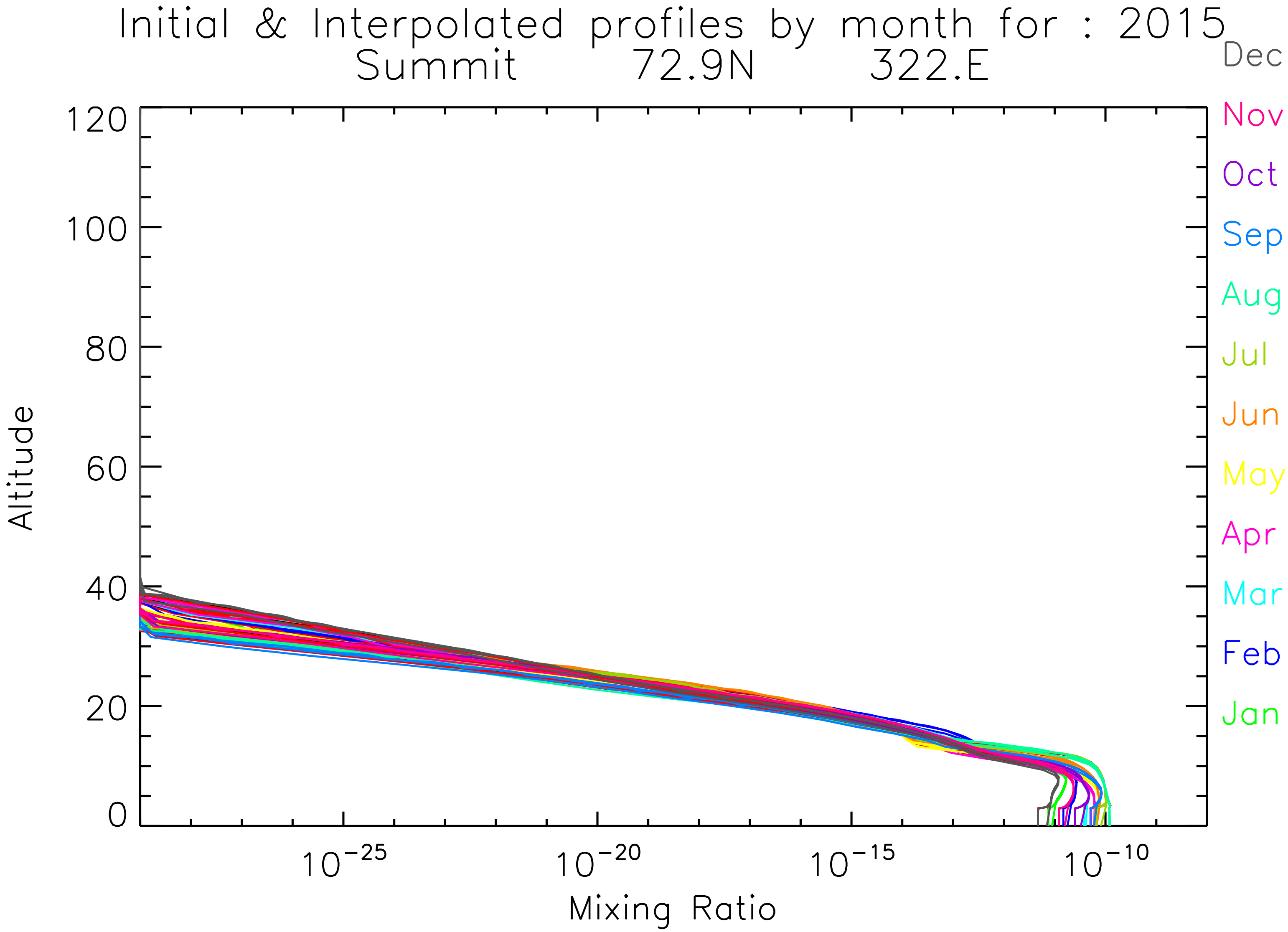
Initial & Interpolated profiles by month for : 2012
Summit 72.9N 322.E

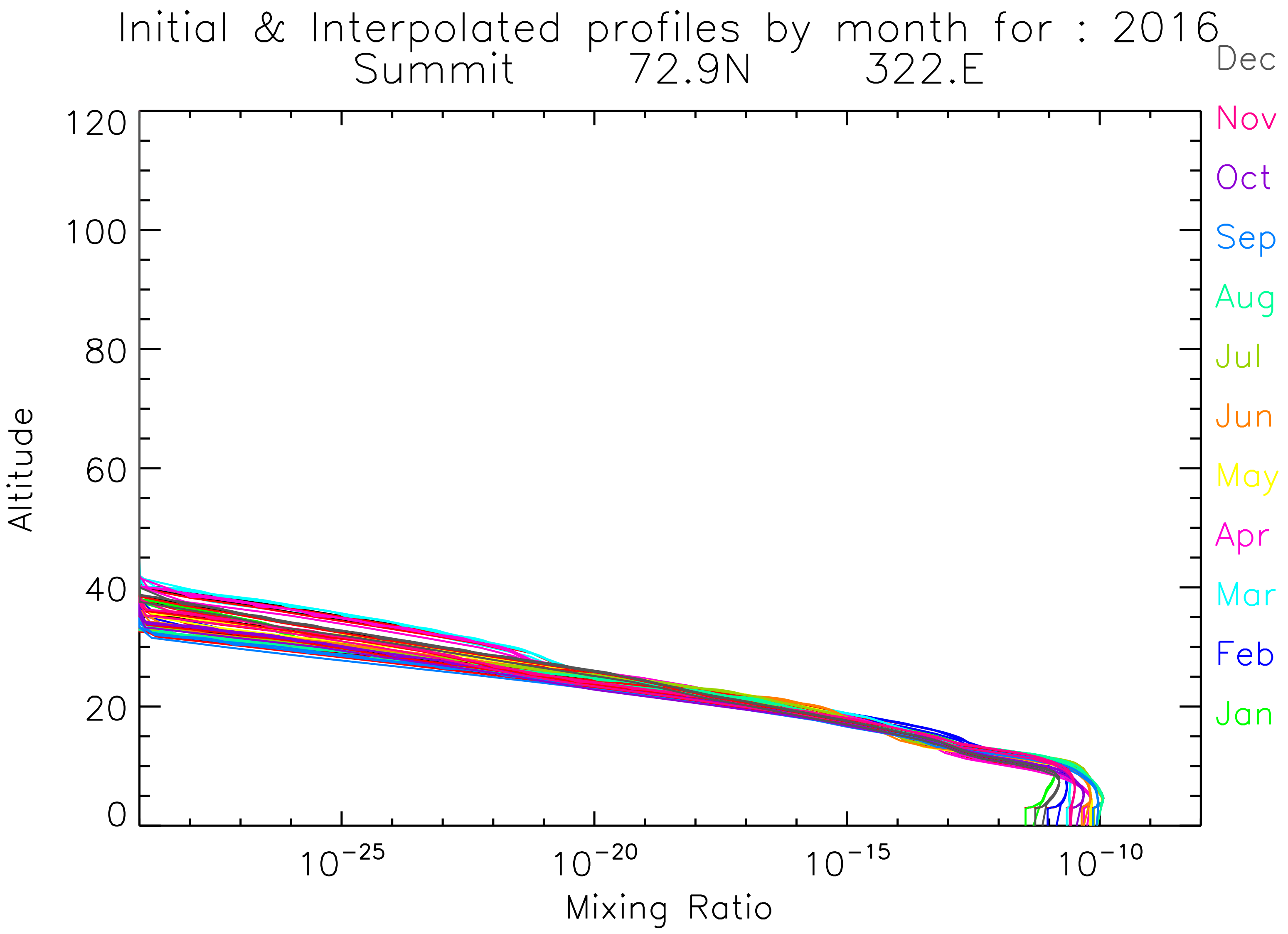


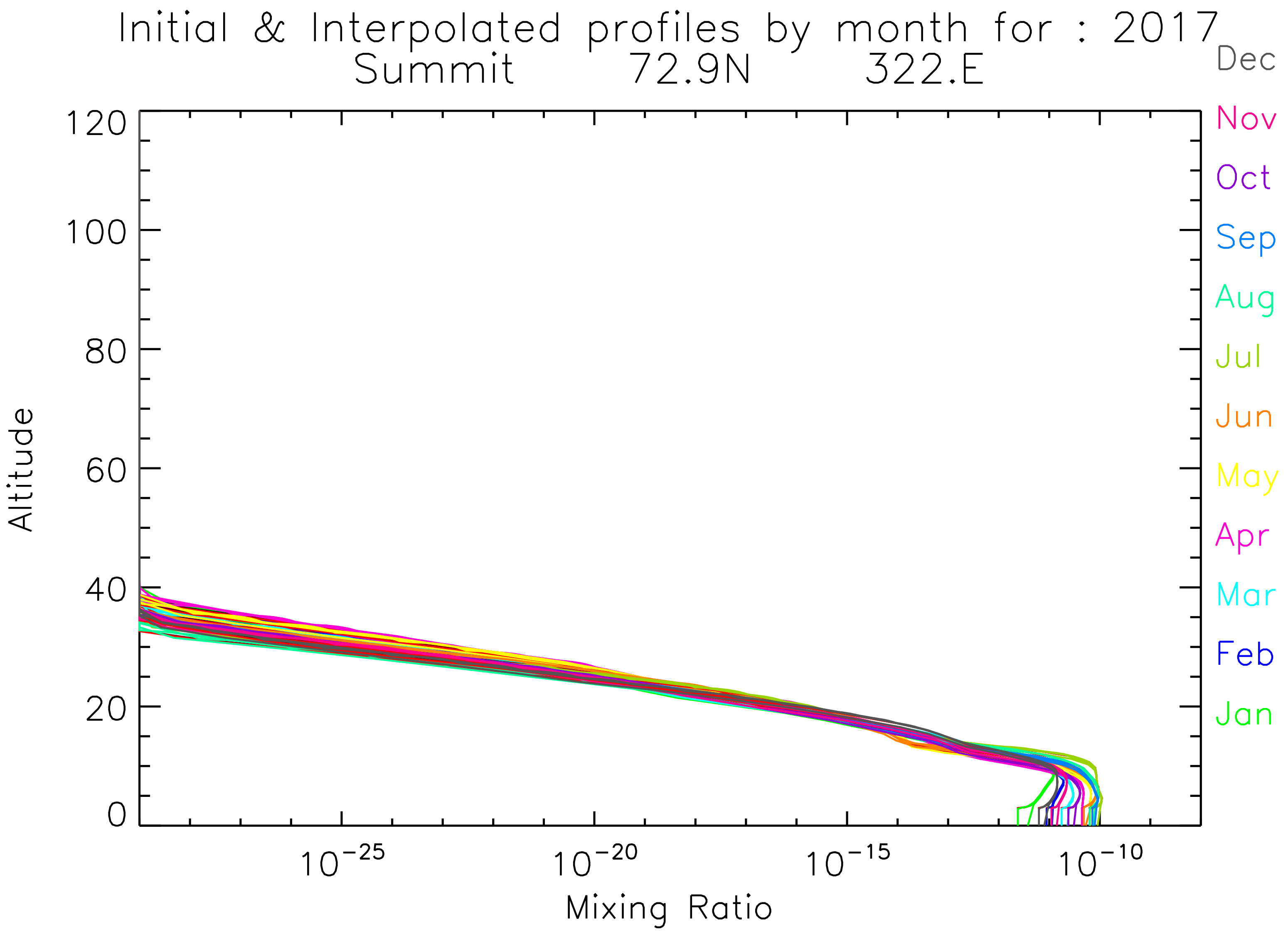


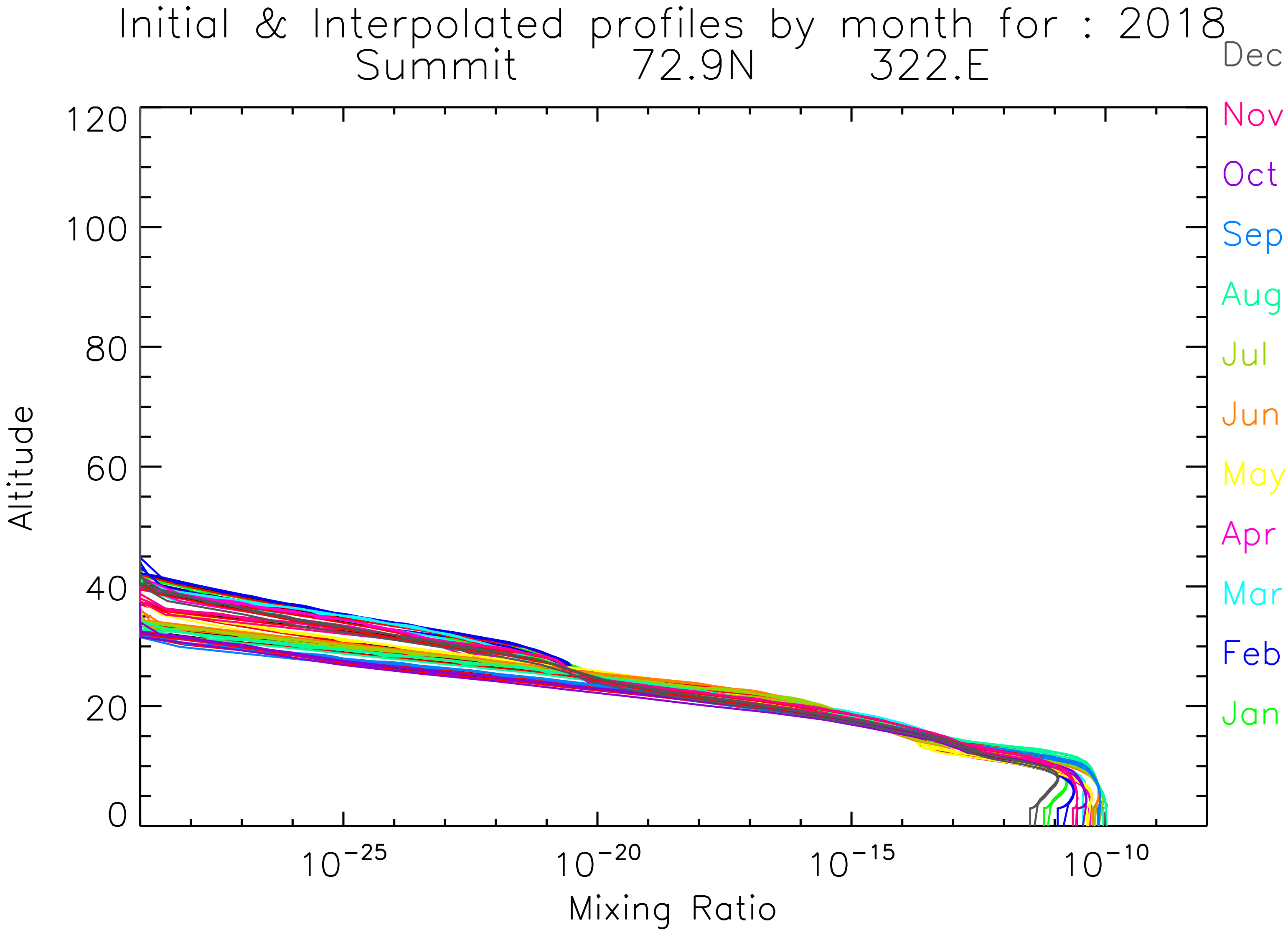
Initial & Interpolated profiles by month for : 2013
Summit 72.9N 322.E


Initial & Interpolated profiles by month for : 2014
Summit 72.9N 322.E
Altitude
0
20
40
60
80
100
120
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

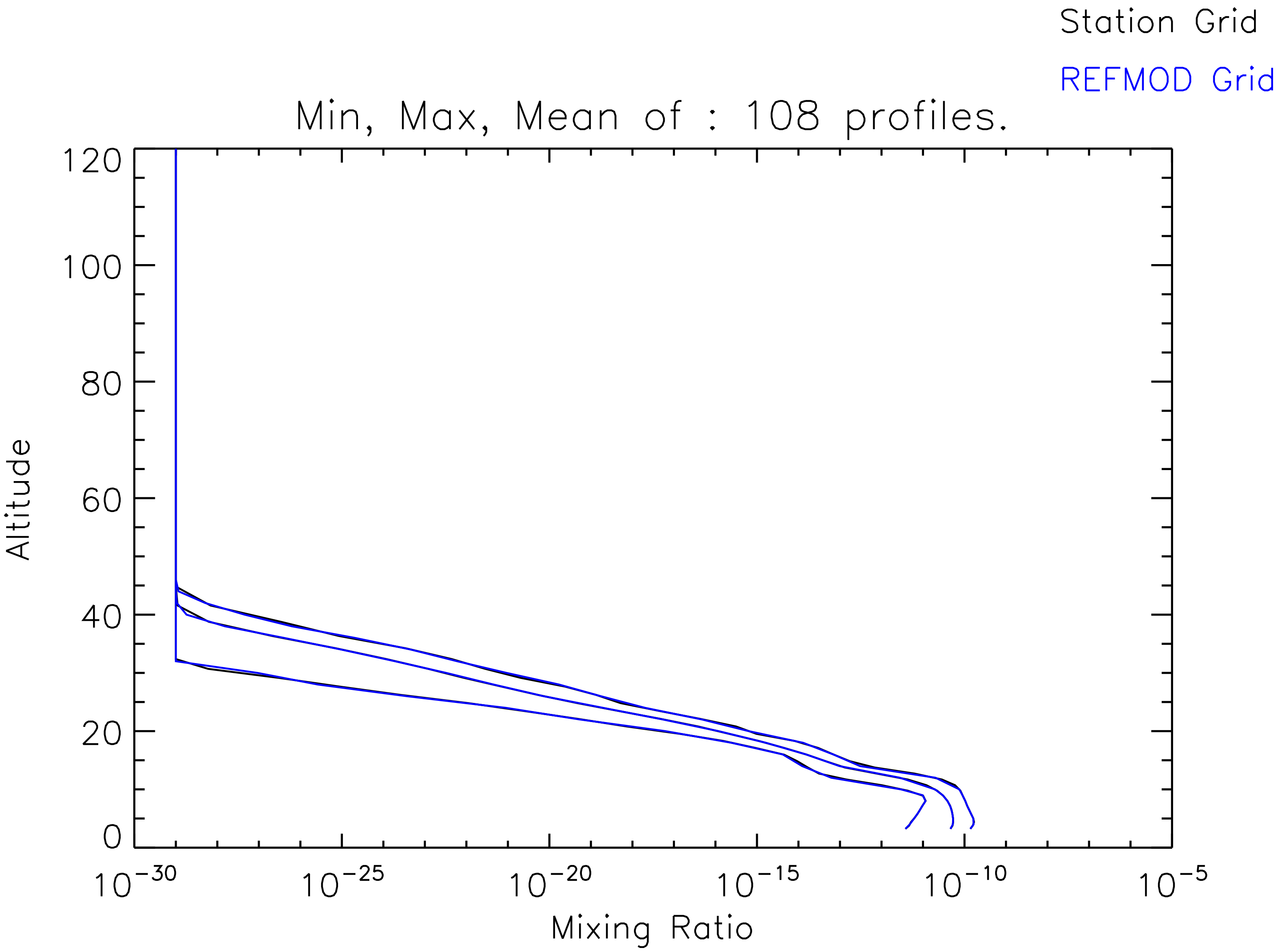

Initial & Interpolated profiles by month for : 2015
Summit 72.9N 322.E

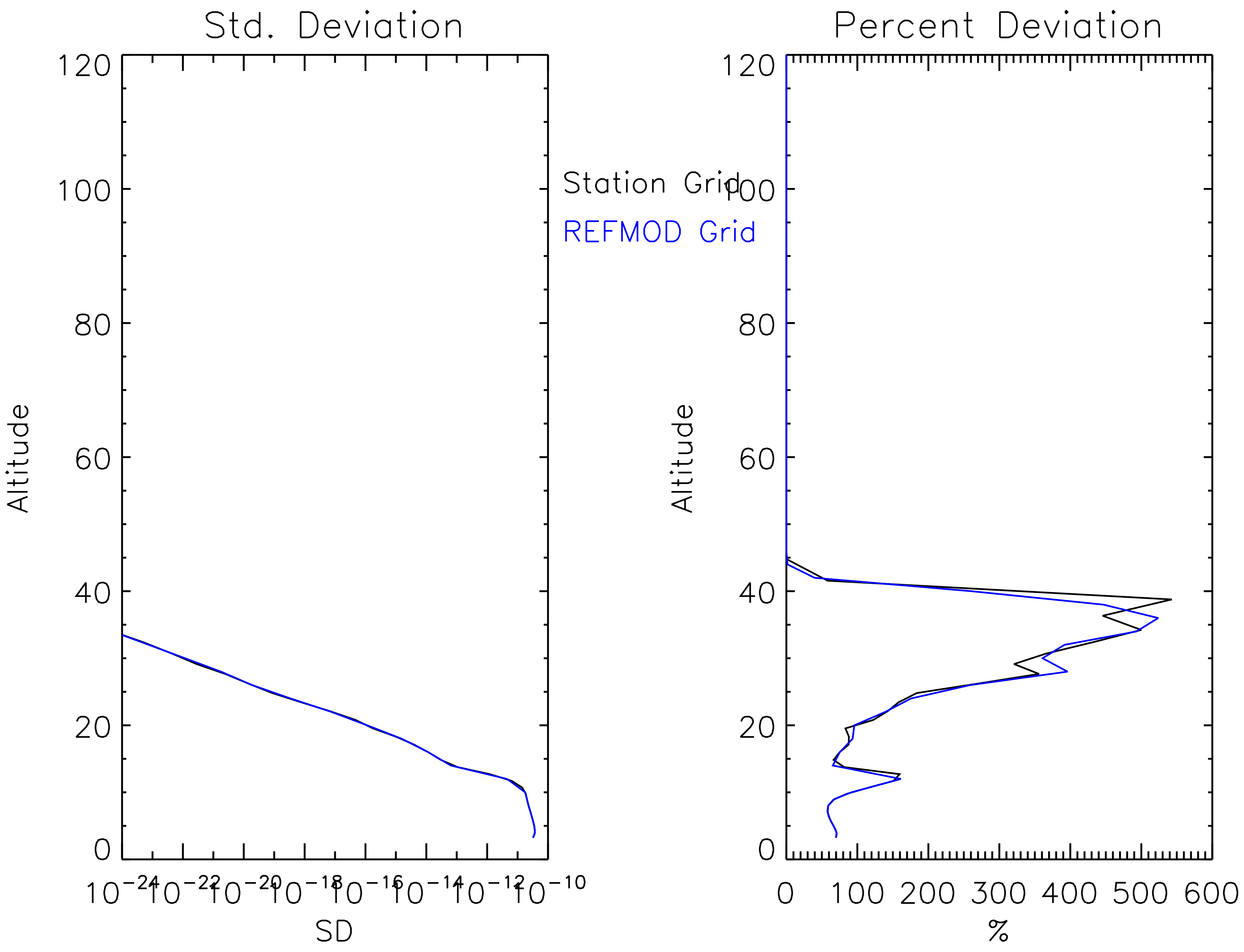

Initial & Interpolated profiles by month for : 2016
Summit 72.9N 322.E
Altitude
0
20
40
60
80
100
120
Mixing Ratio
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan

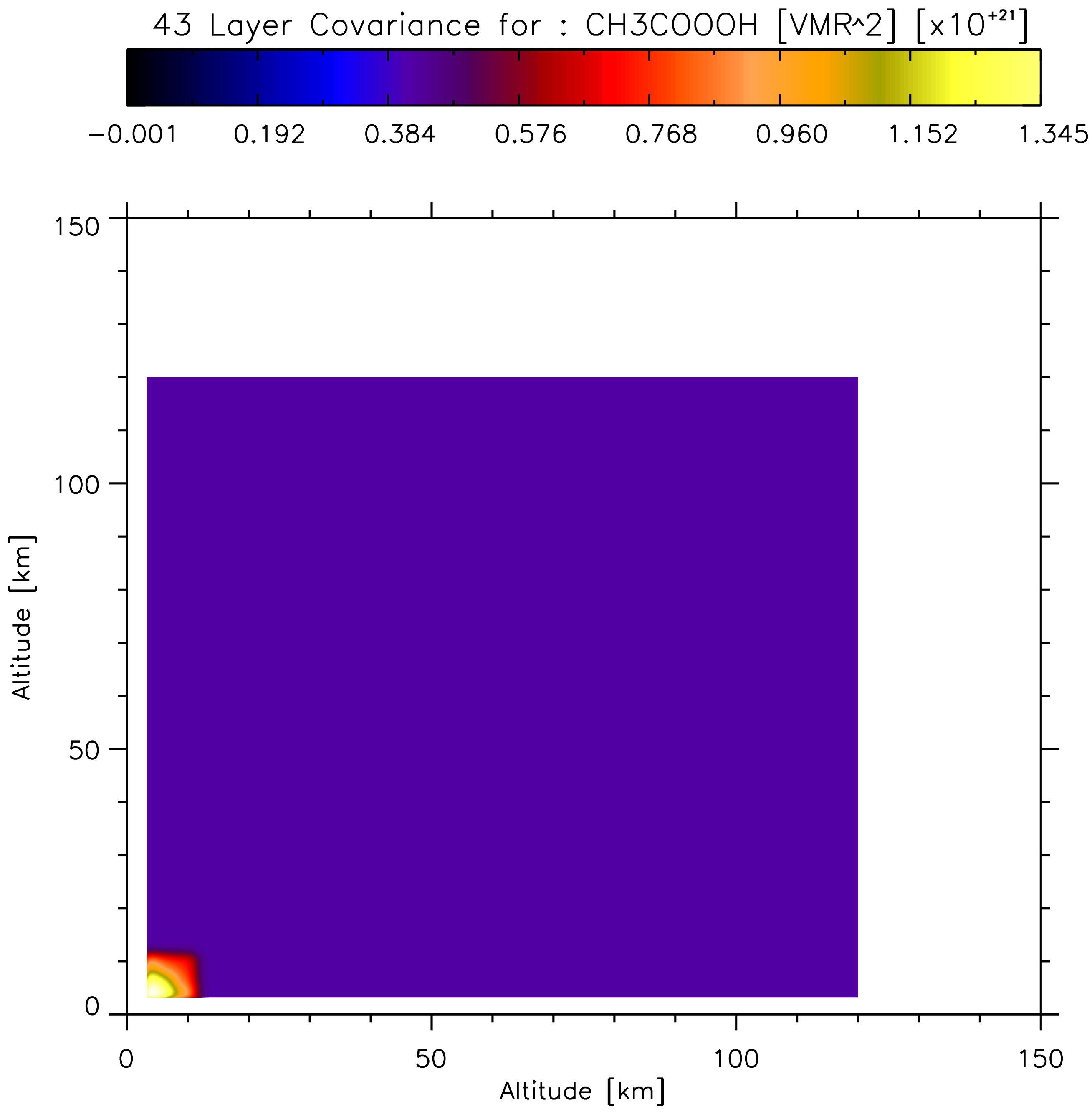

Initial & Interpolated profiles by month for : 2017
Summit 72.9N 322.E
Dec
Nov
Oct
Sep
Aug
Jul
Jun
May
Apr
Mar
Feb
Jan
Altitude
0
20
40
60
80
100
120
10^{-25}
10^{-20}
10^{-15}
10^{-10}
Mixing Ratio

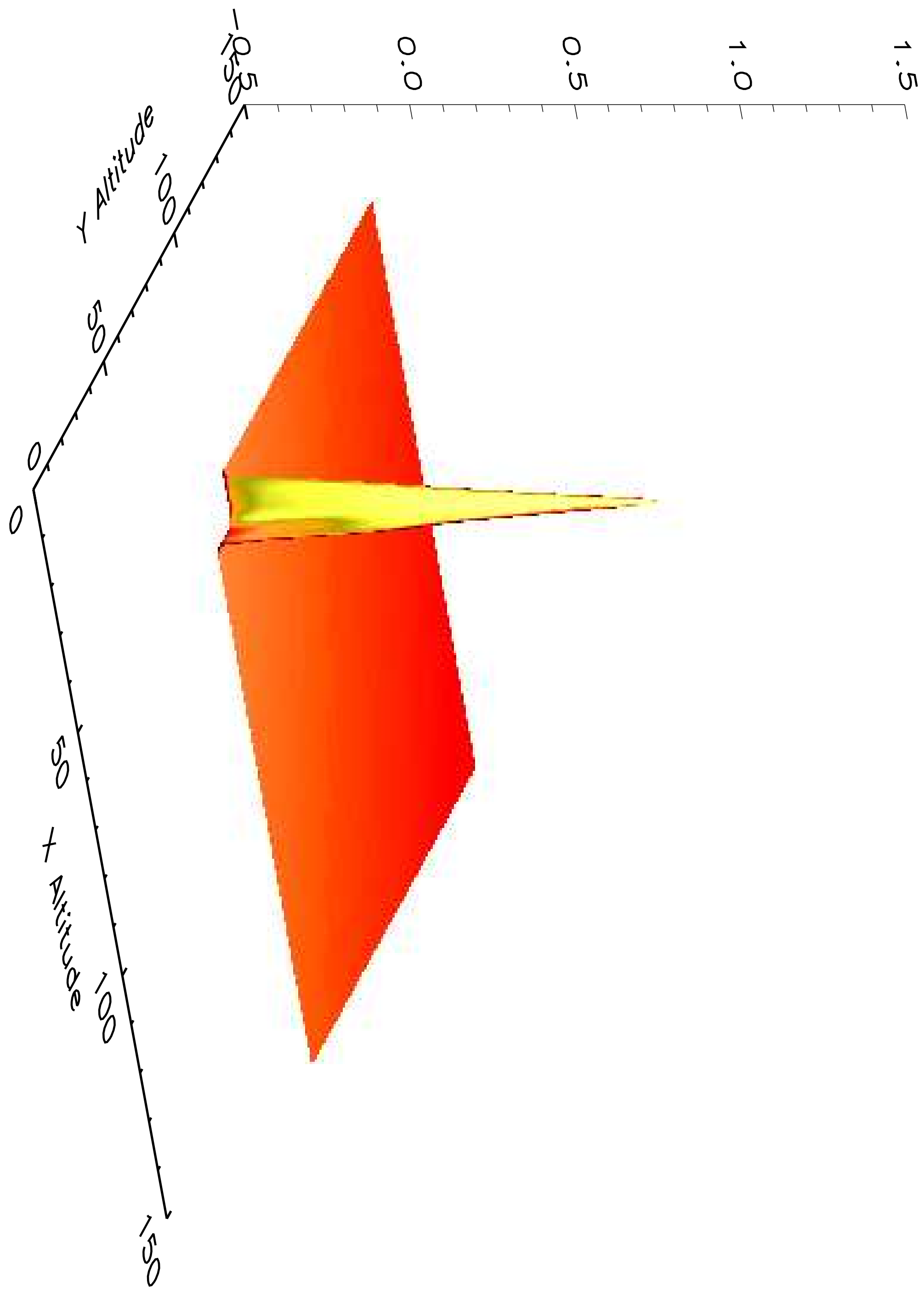


Initial & Interpolated profiles by month for : 2018
Summit 72.9N 322.E

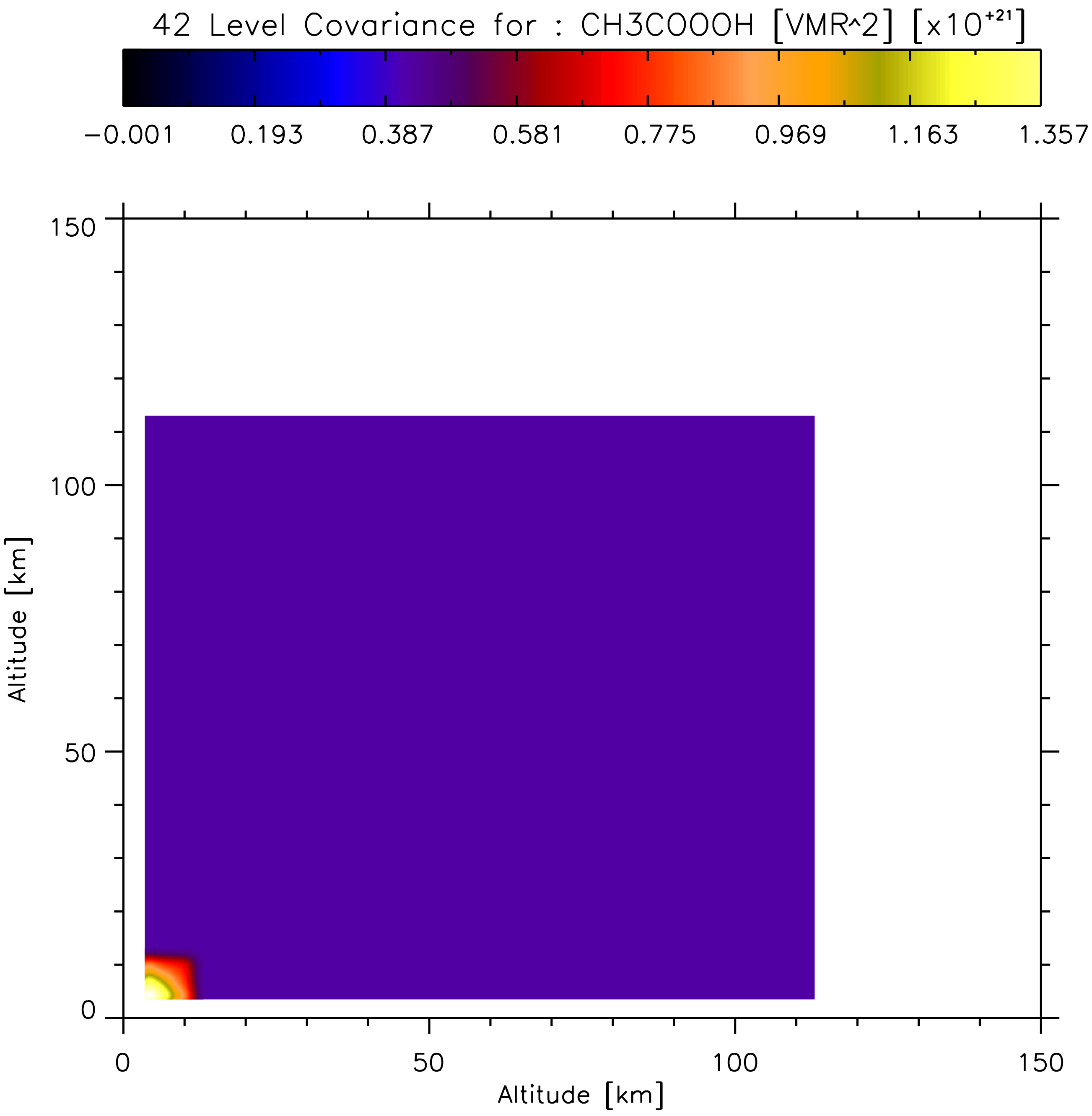

Station Grid
REFMOD Grid
Min, Max, Mean of : 108 profiles.
Altitude
0
20
40
60
80
100
120
10^{-30}
10^{-25}
10^{-20}
10^{-15}
10^{-10}
10^{-5}
Mixing Ratio

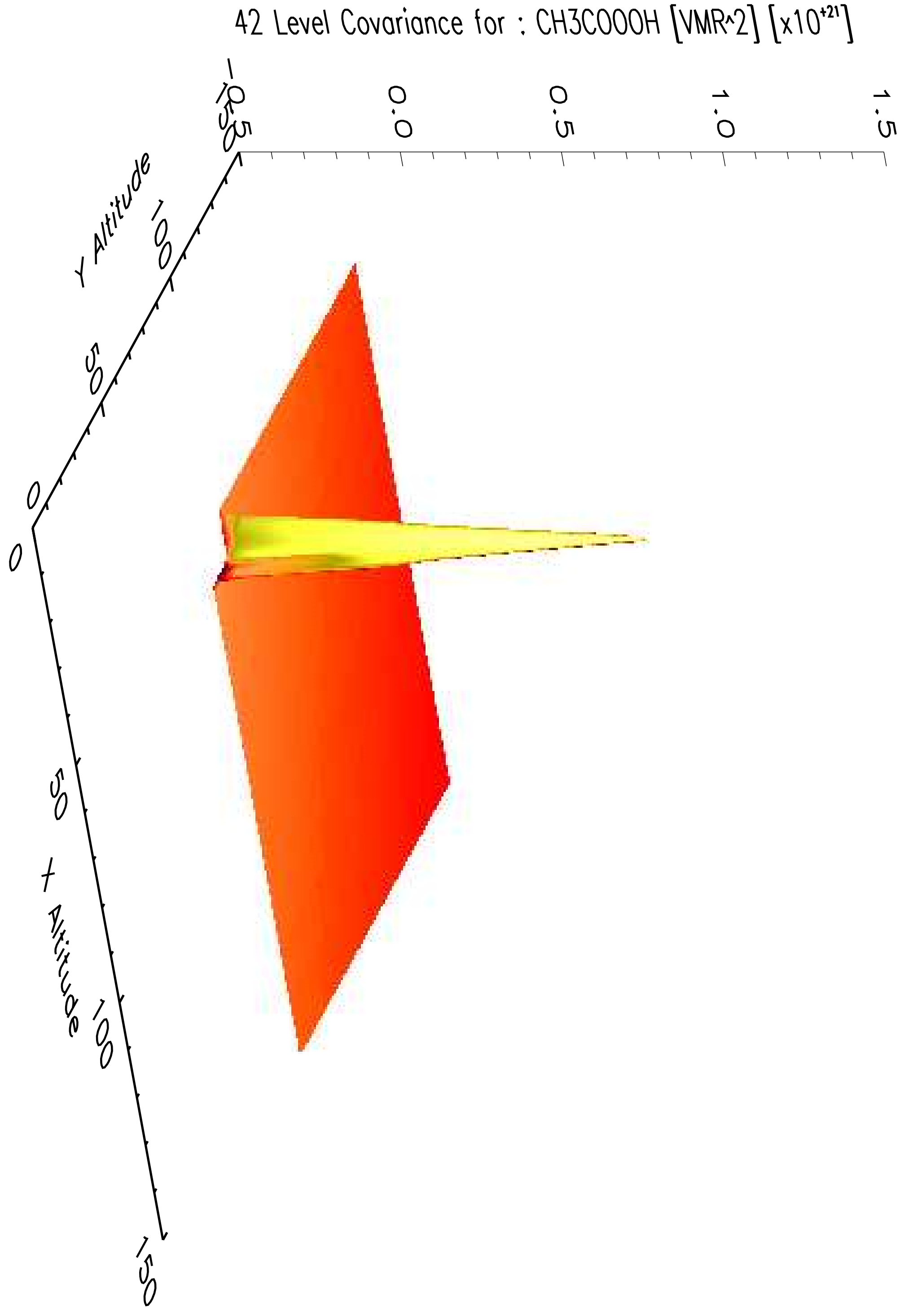

Std. Deviation
Percent Deviation
Station Grid
REFMOD Grid
Altitude
Altitude
120
100
80
60
40
20
0
10^{-24} 10^{-22} 10^{-20} 10^{-18} 10^{-16} 10^{-14} 10^{-12} 10^{-10}
SD
0 100 200 300 400 500 600
%


43 Layer Covariance for : CH3COOOH [VMR^2] [x10^+21]
−0.001
0.192
0.384
0.576
0.768
0.960
1.152
1.345
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]



43 Layer Covariance for : CH3COOOH [VMR^2] [x10^{+21}]


42 Level Covariance for : CH3COOH [VMR^2] [x10^{+21}]
−0.001
0.193
0.387
0.581
0.775
0.969
1.163
1.357
150
100
50
0
Altitude [km]
0
50
100
150
Altitude [km]


42 Level Covariance for : CH3COOOH [VMR^2] [x10^+21]
-0.5
0.0
0.5
1.0
1.5
Y Altitude
0
50
100
150
X Altitude
0
50
100
150