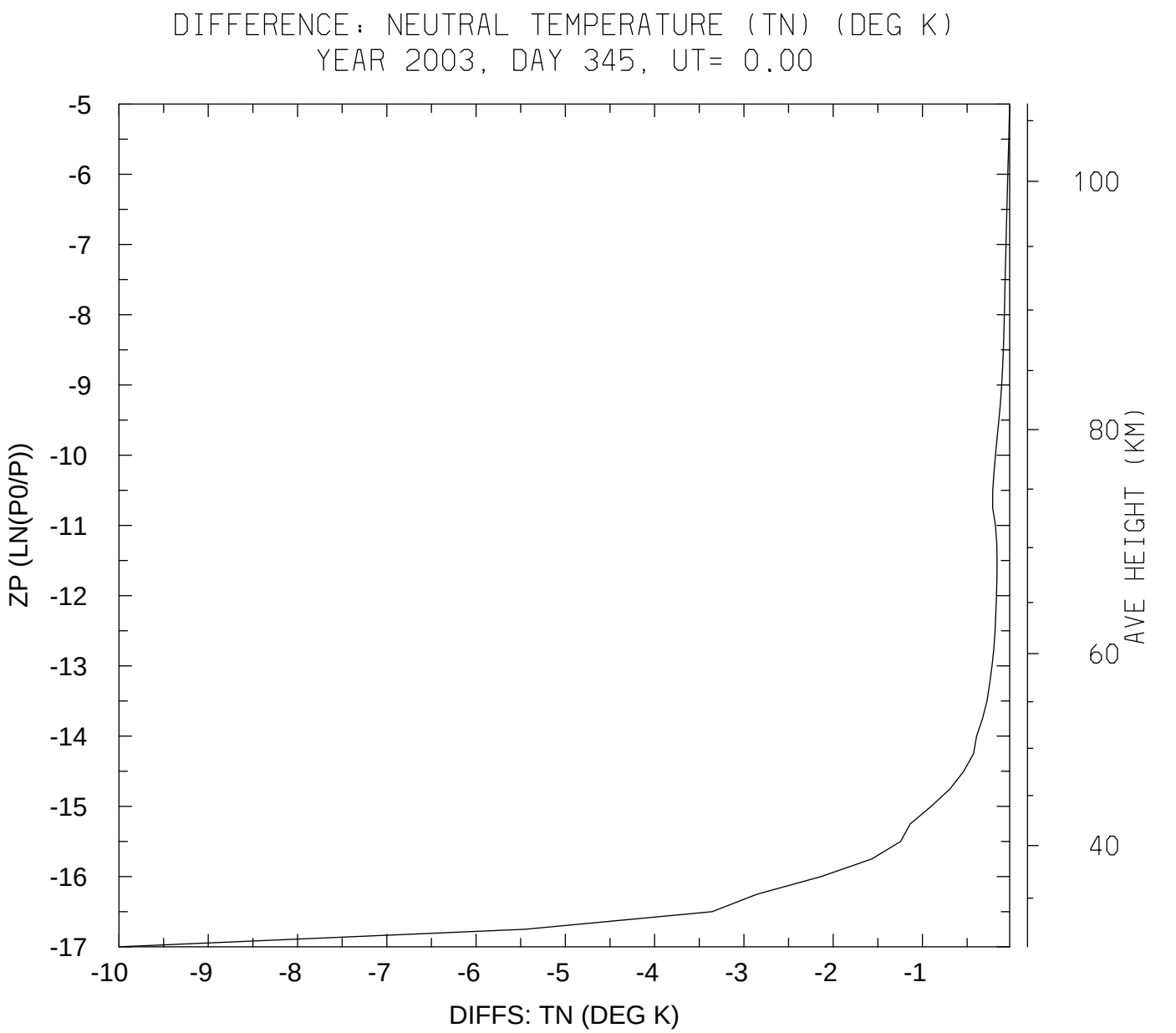
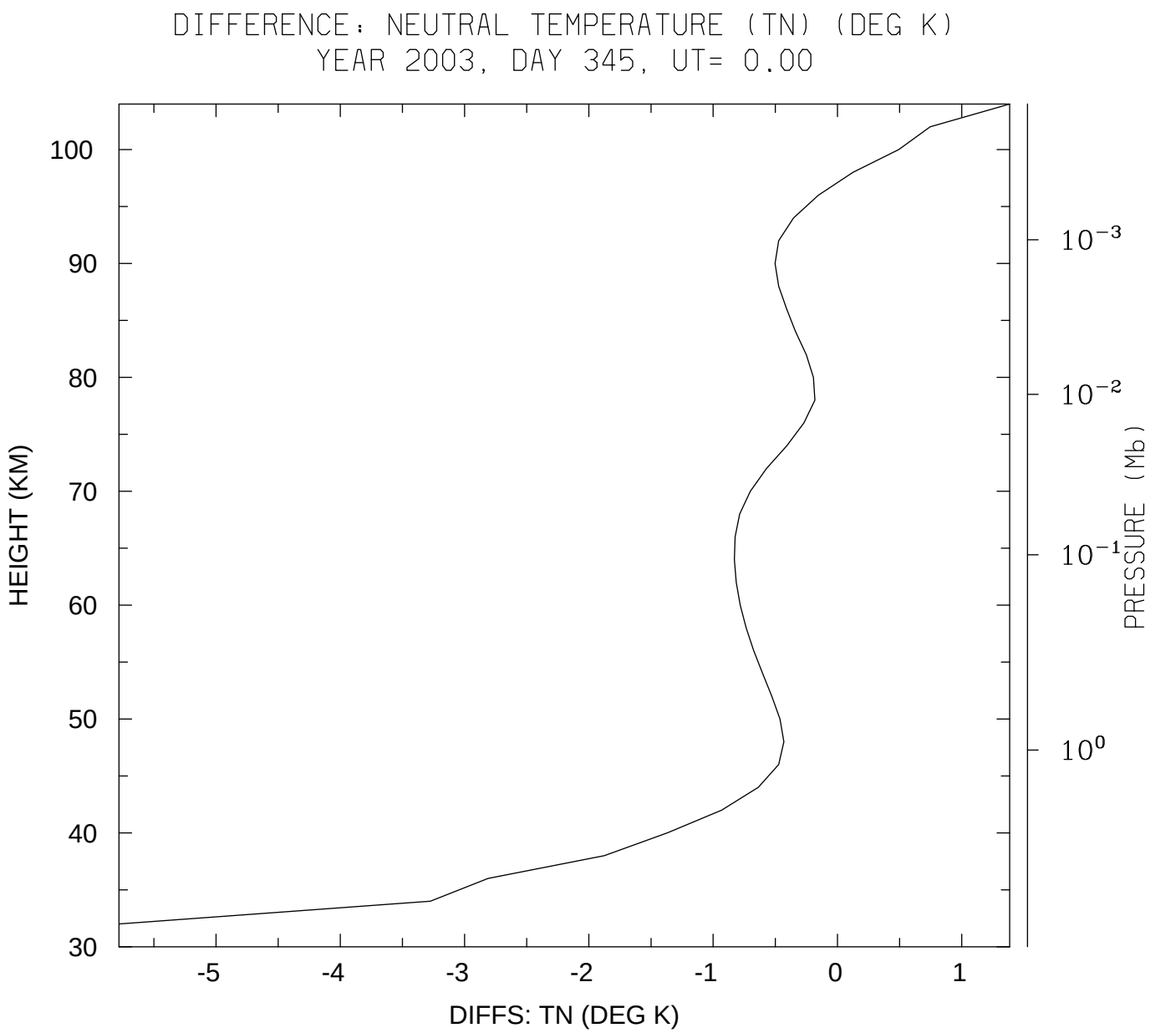
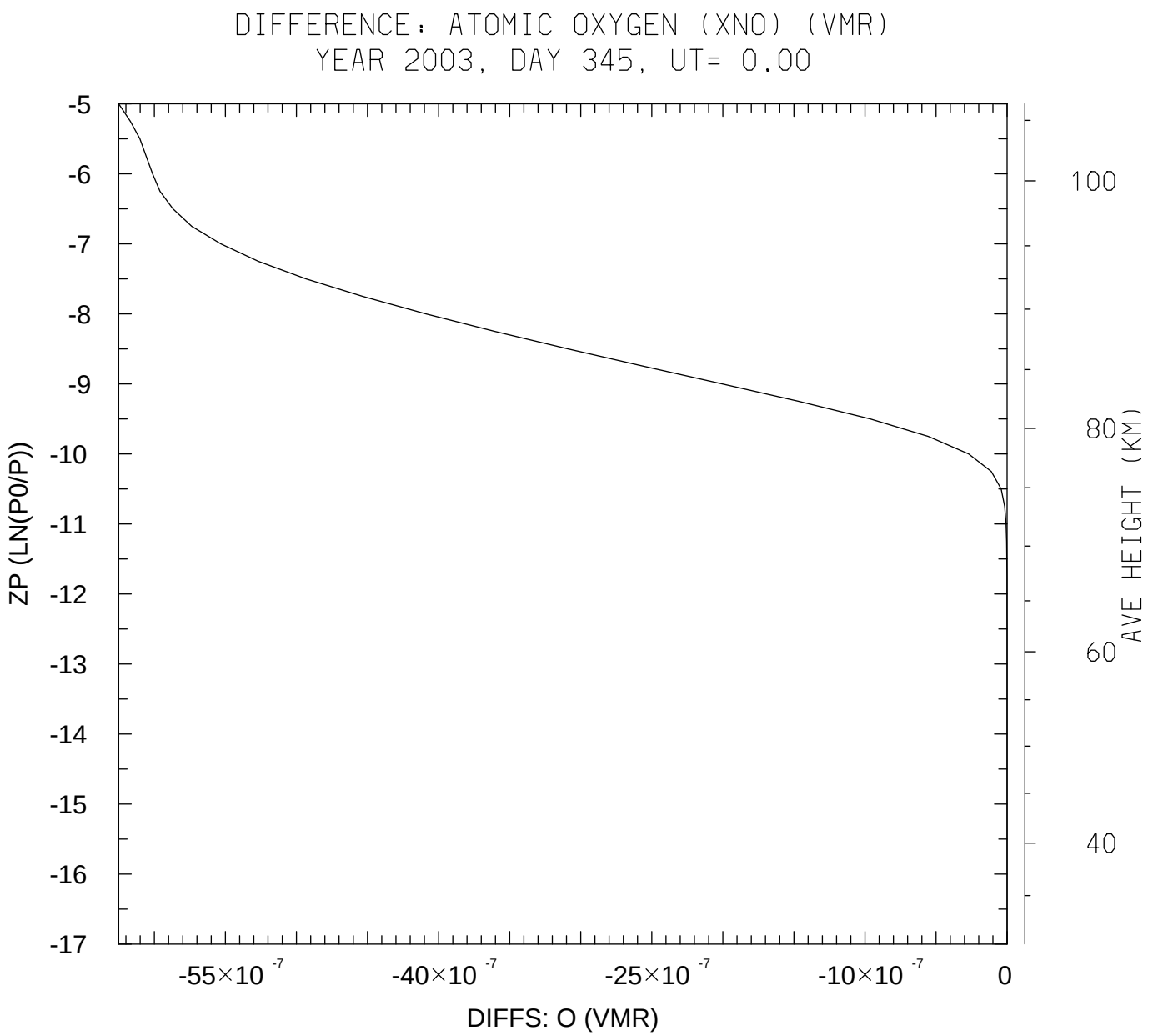


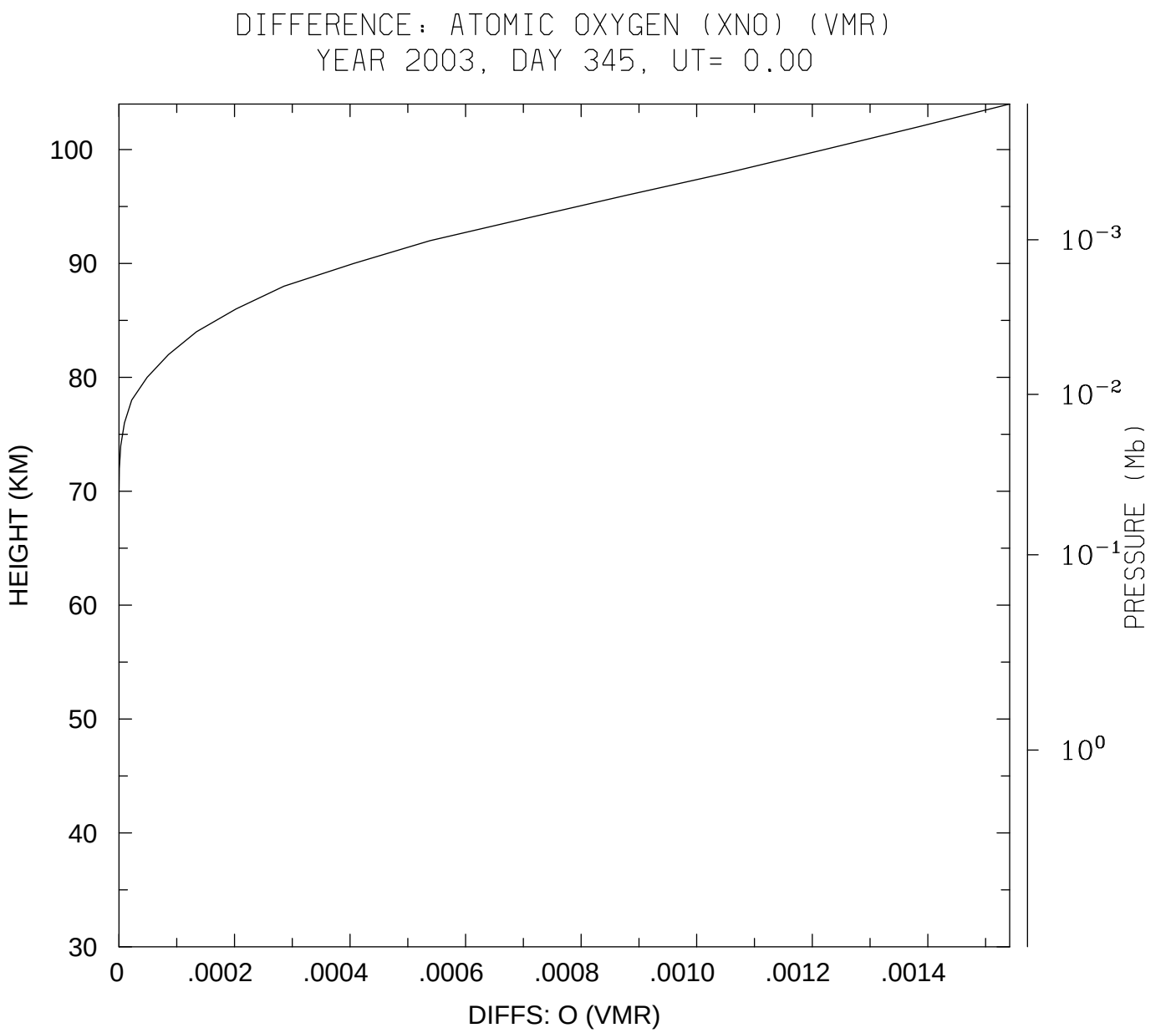
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.1000E+02 -0.2289E-01
F107D= 150.00 MINUS F107D= 150.00



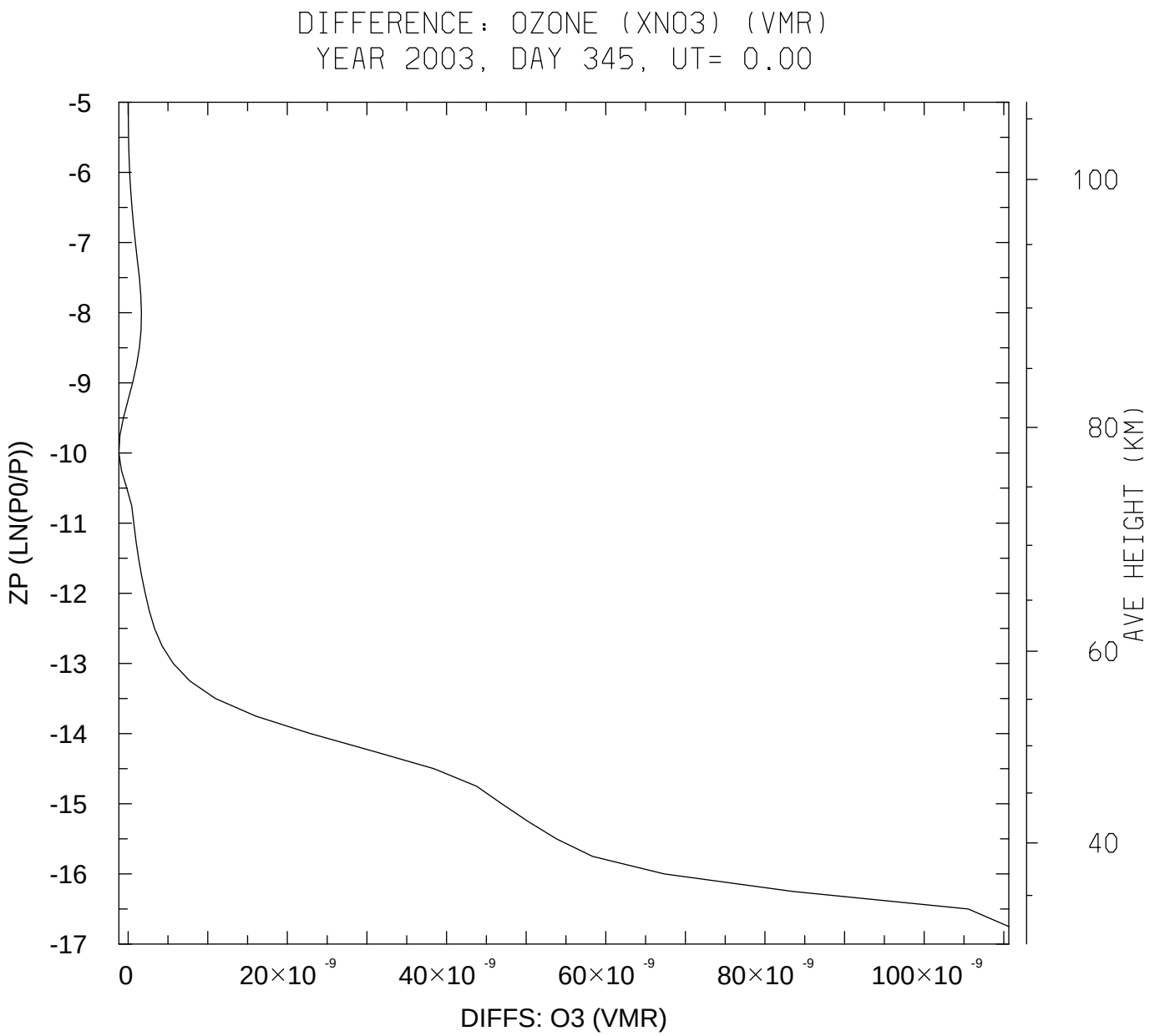
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.5781E+01 0.1386E+01
F107D= 150.00 MINUS F107D= 150.00



ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.6251E-05 -0.3716E-11
F107D= 150.00 MINUS F107D= 150.00

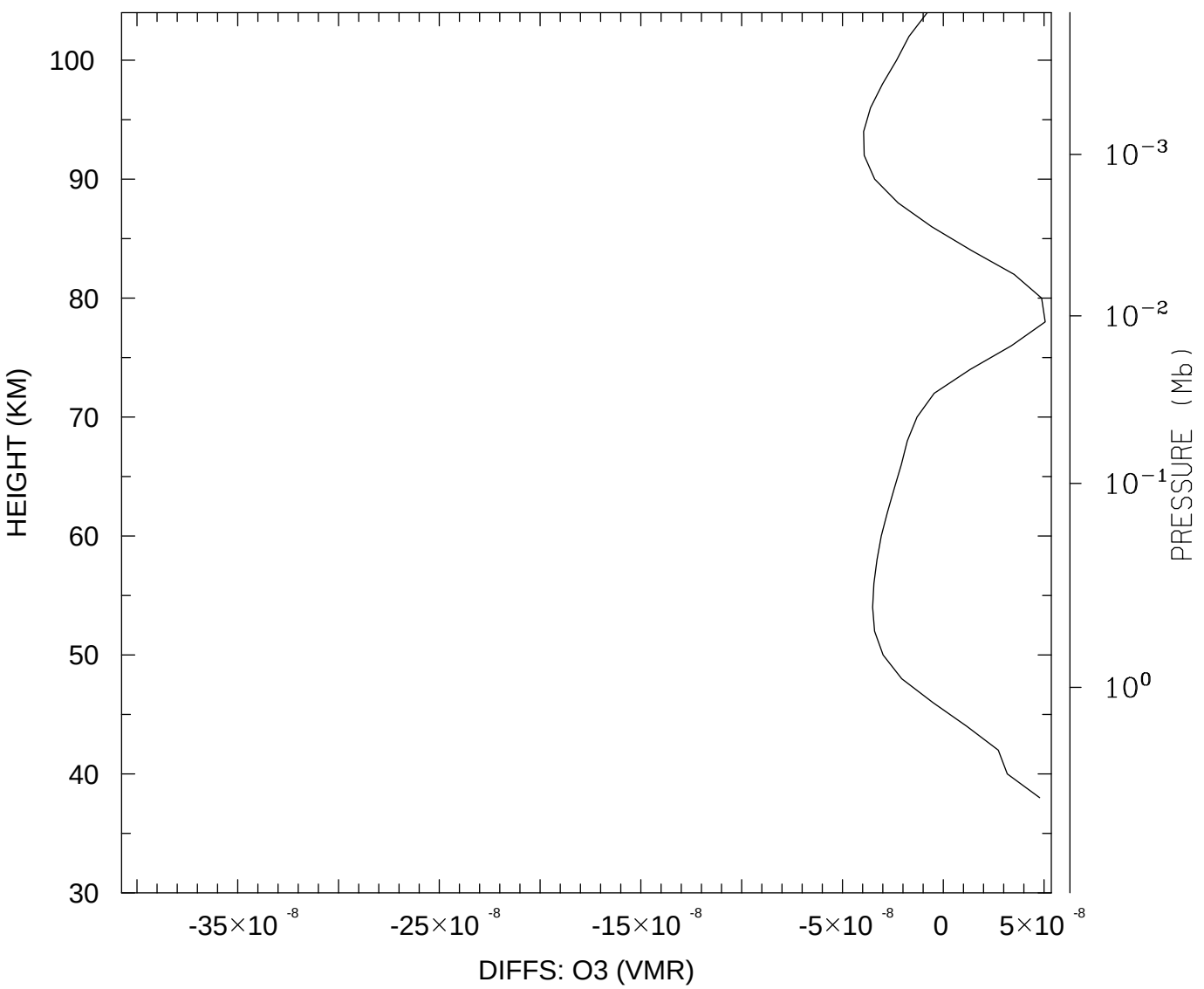


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.6249E-11 0.1542E-02
F107D= 150.00 MINUS F107D= 150.00

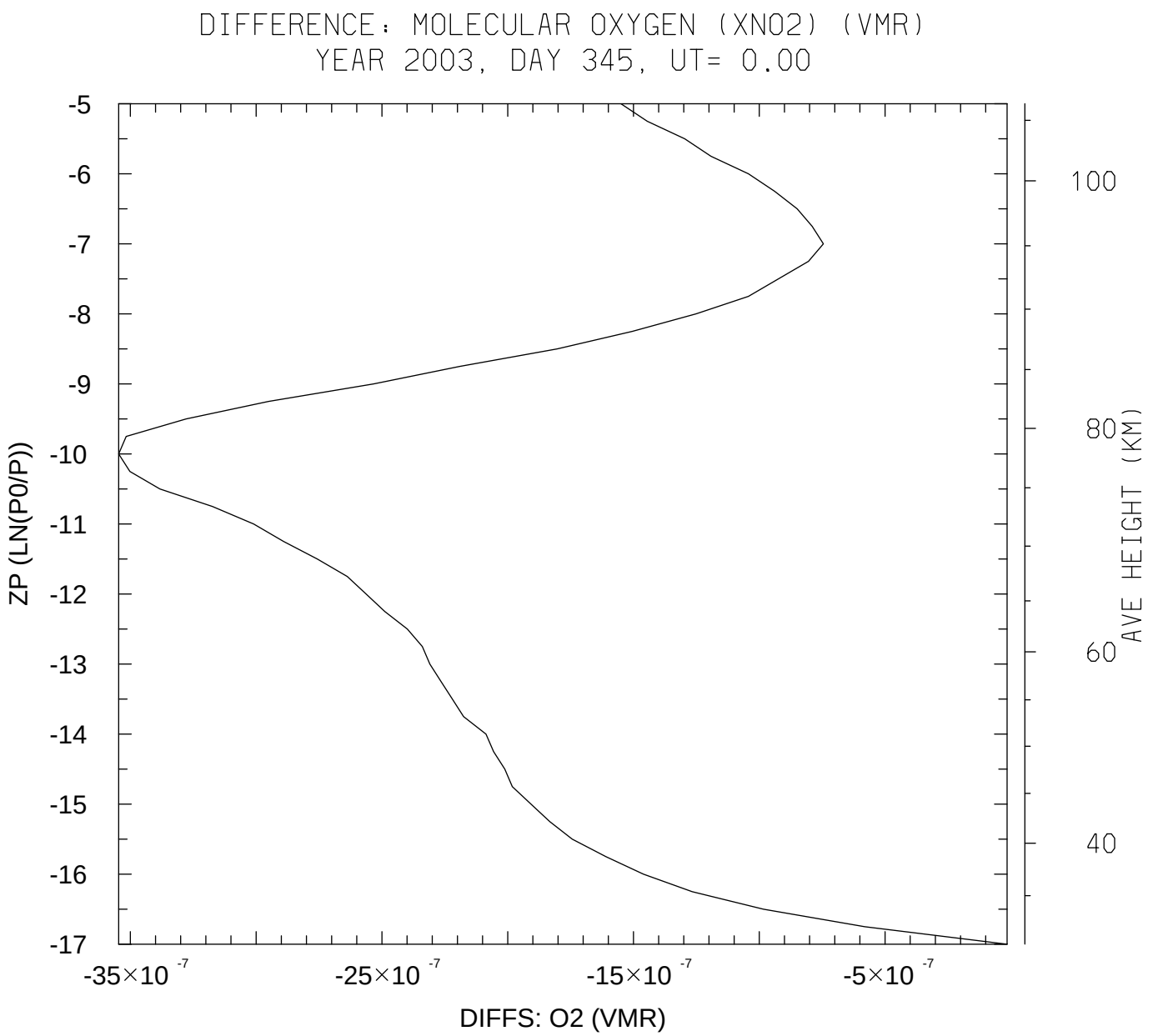


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.1165E-08 0.1106E-06
F107D= 150.00 MINUS F107D= 150.00

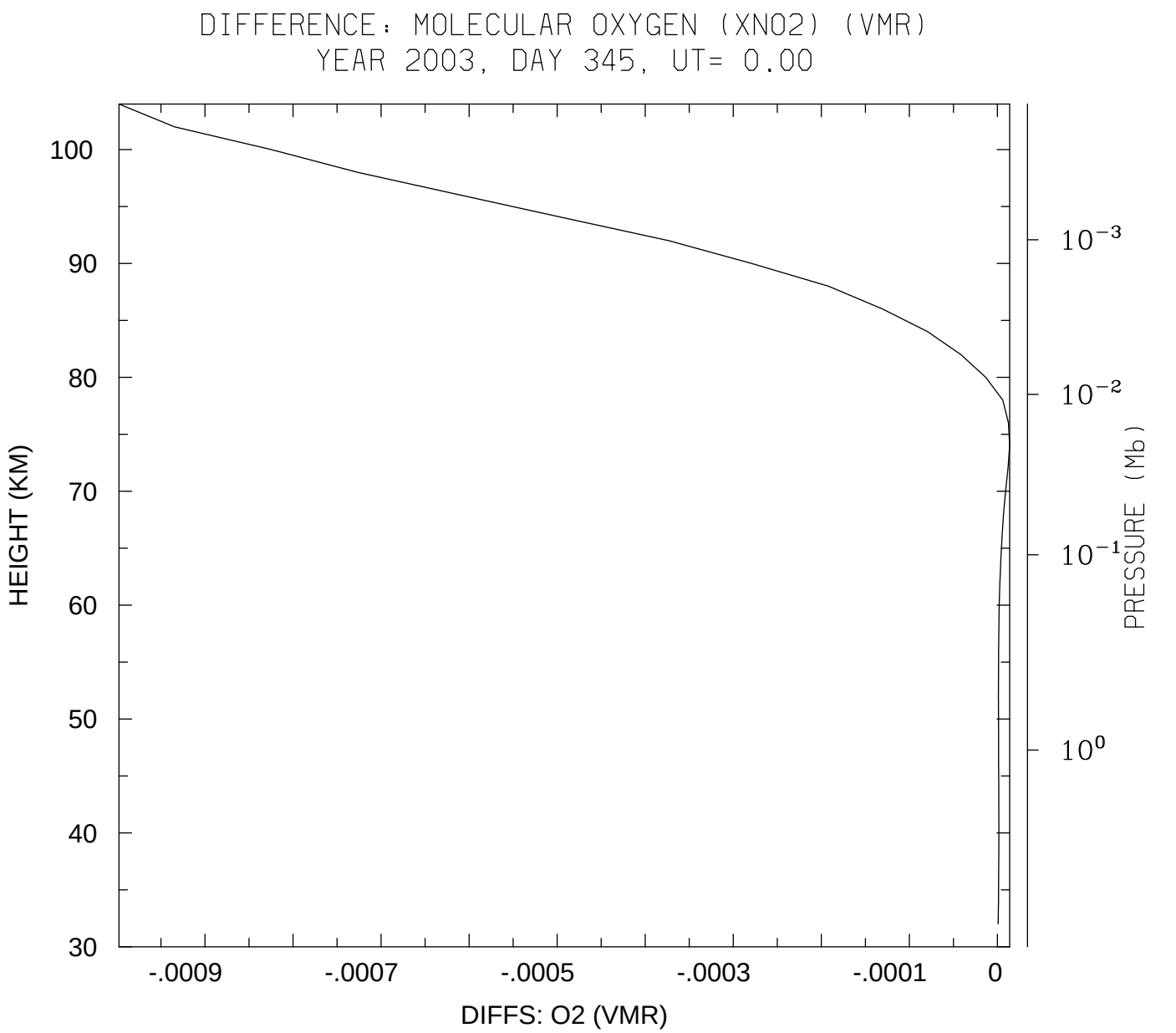
DIFFERENCE: OZONE (XNO3) (VMR)
YEAR 2003, DAY 345, UT= 0.00



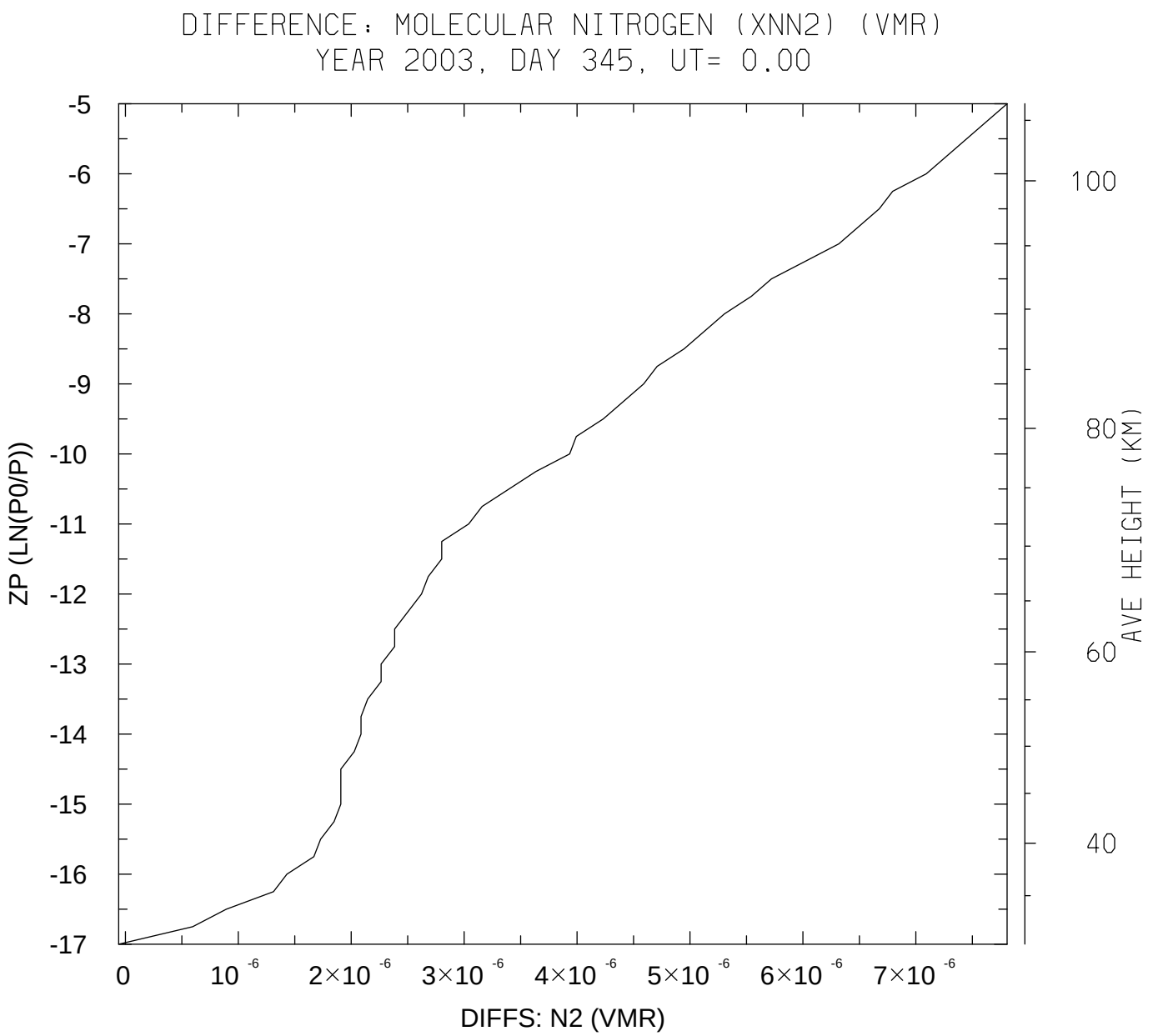
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.4076E-06 0.5361E-07
F107D= 150.00 MINUS F107D= 150.00



ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.3546E-05 -0.1490E-07
F107D= 150.00 MINUS F107D= 150.00

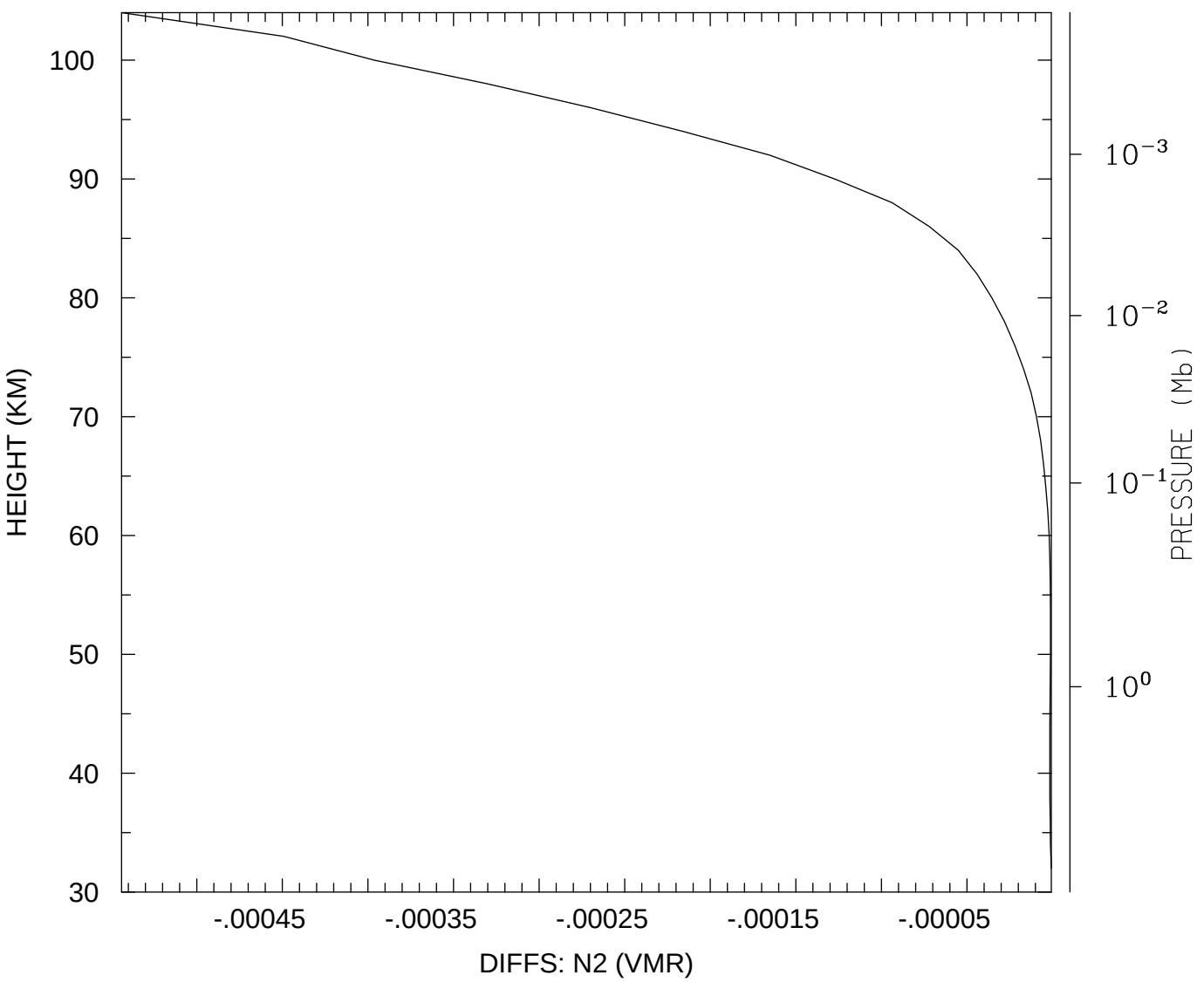


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.9977E-03 0.1389E-04
F107D= 150.00 MINUS F107D= 150.00

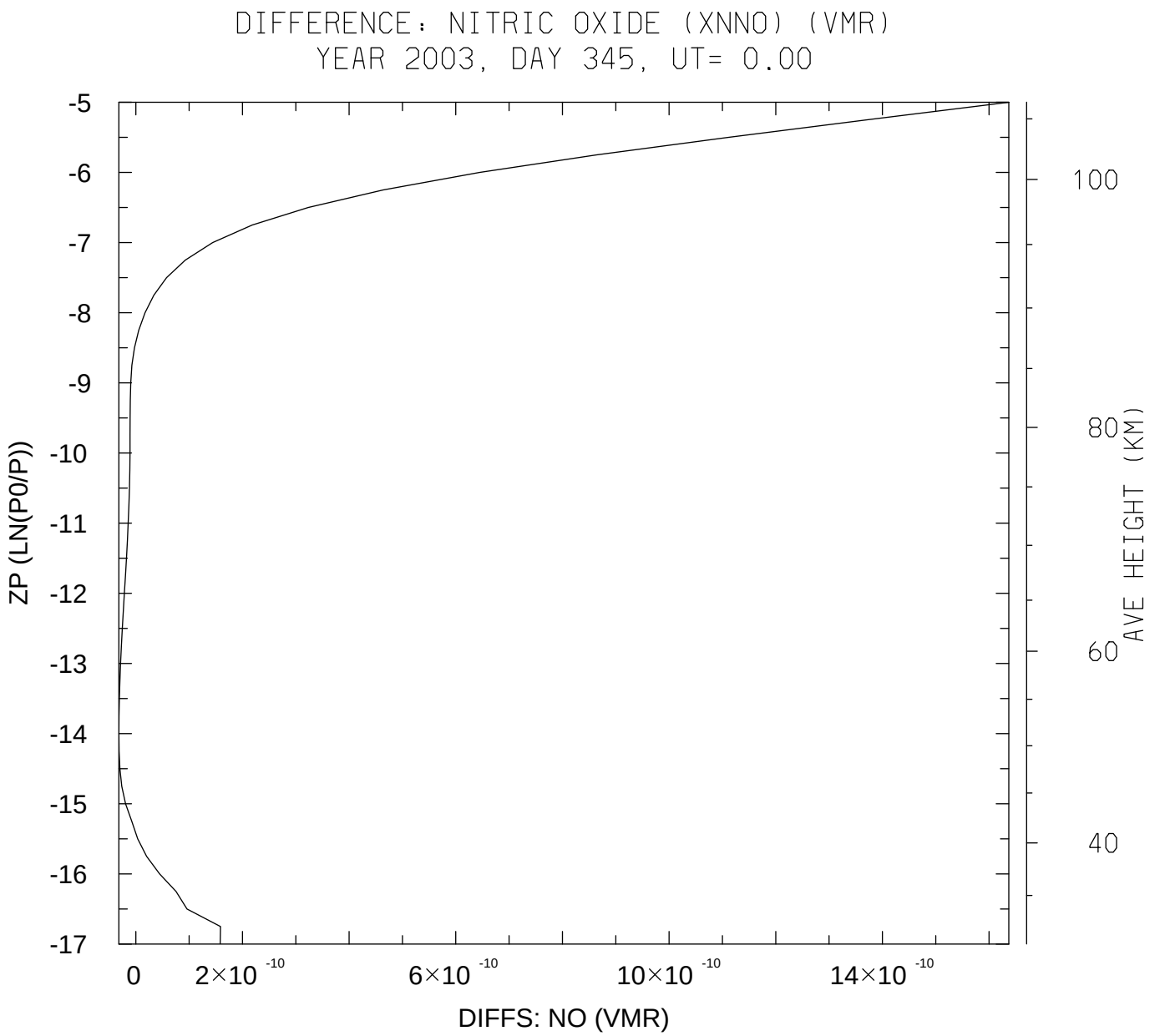


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.5960E-07 0.7808E-05
F107D= 150.00 MINUS F107D= 150.00

DIFFERENCE: MOLECULAR NITROGEN (XNN2) (VMR)
YEAR 2003, DAY 345, UT= 0.00

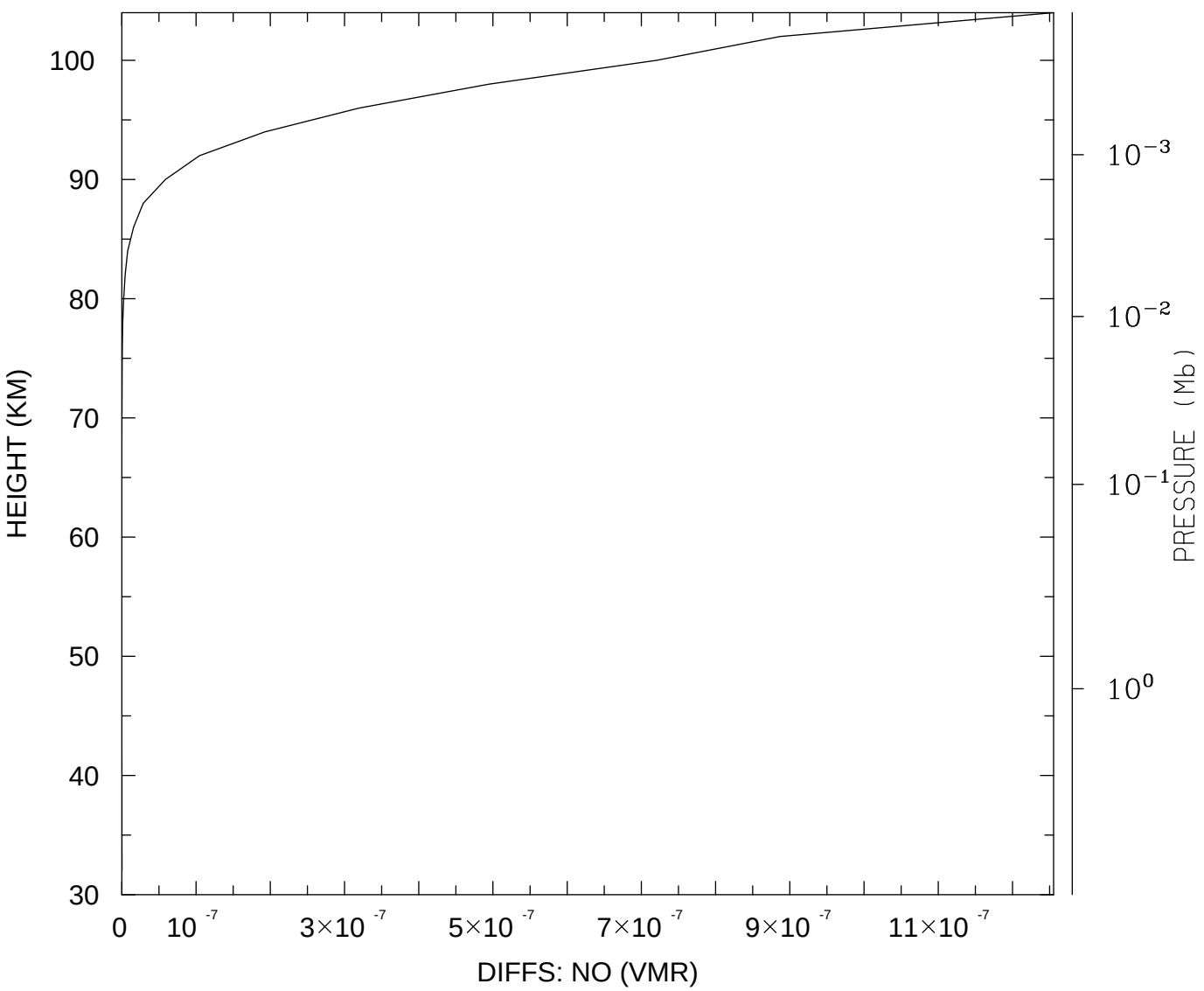


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.5440E-03 -0.7153E-06
F107D= 150.00 MINUS F107D= 150.00

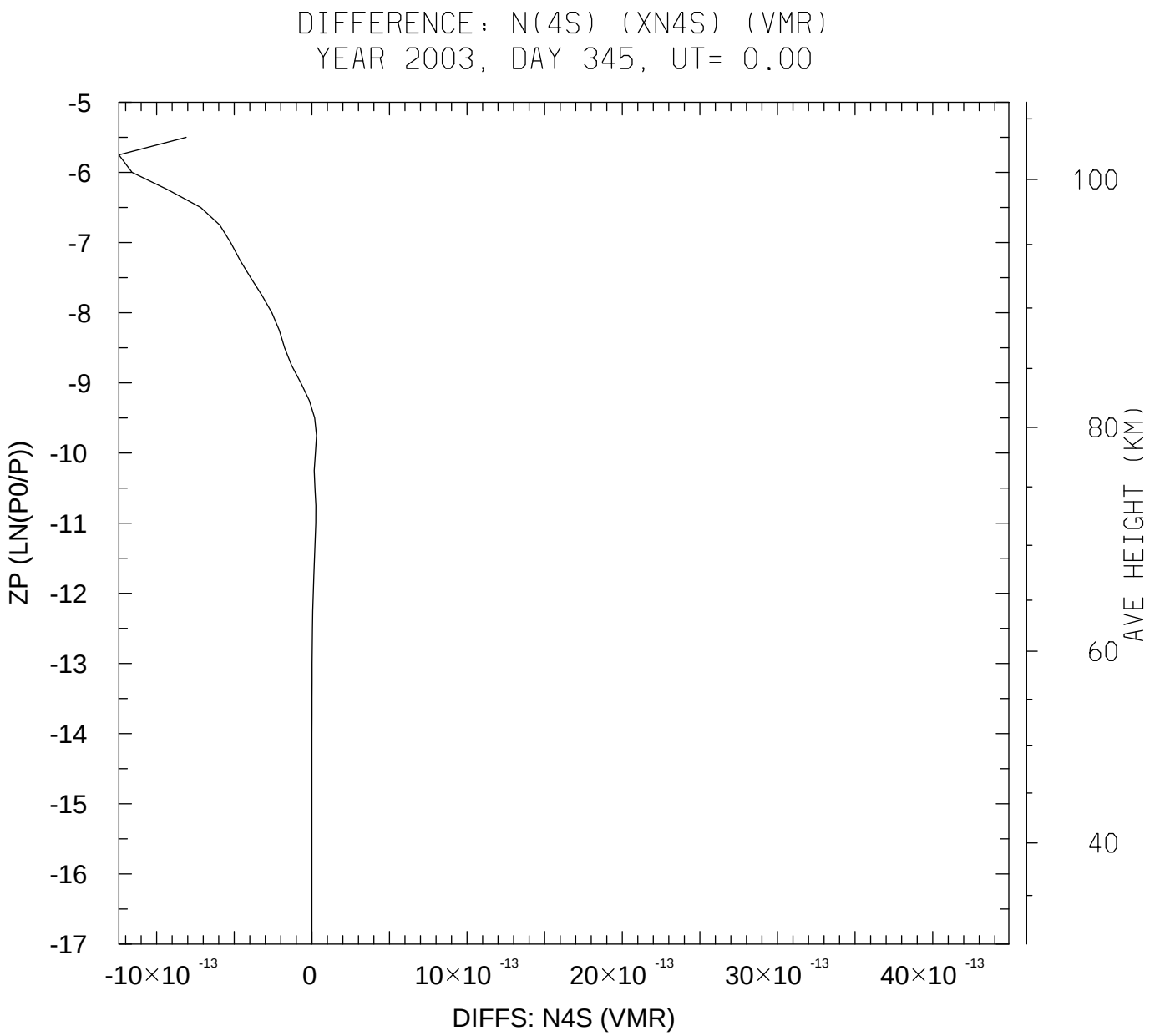


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.3180E-10 0.1637E-08
F107D= 150.00 MINUS F107D= 150.00

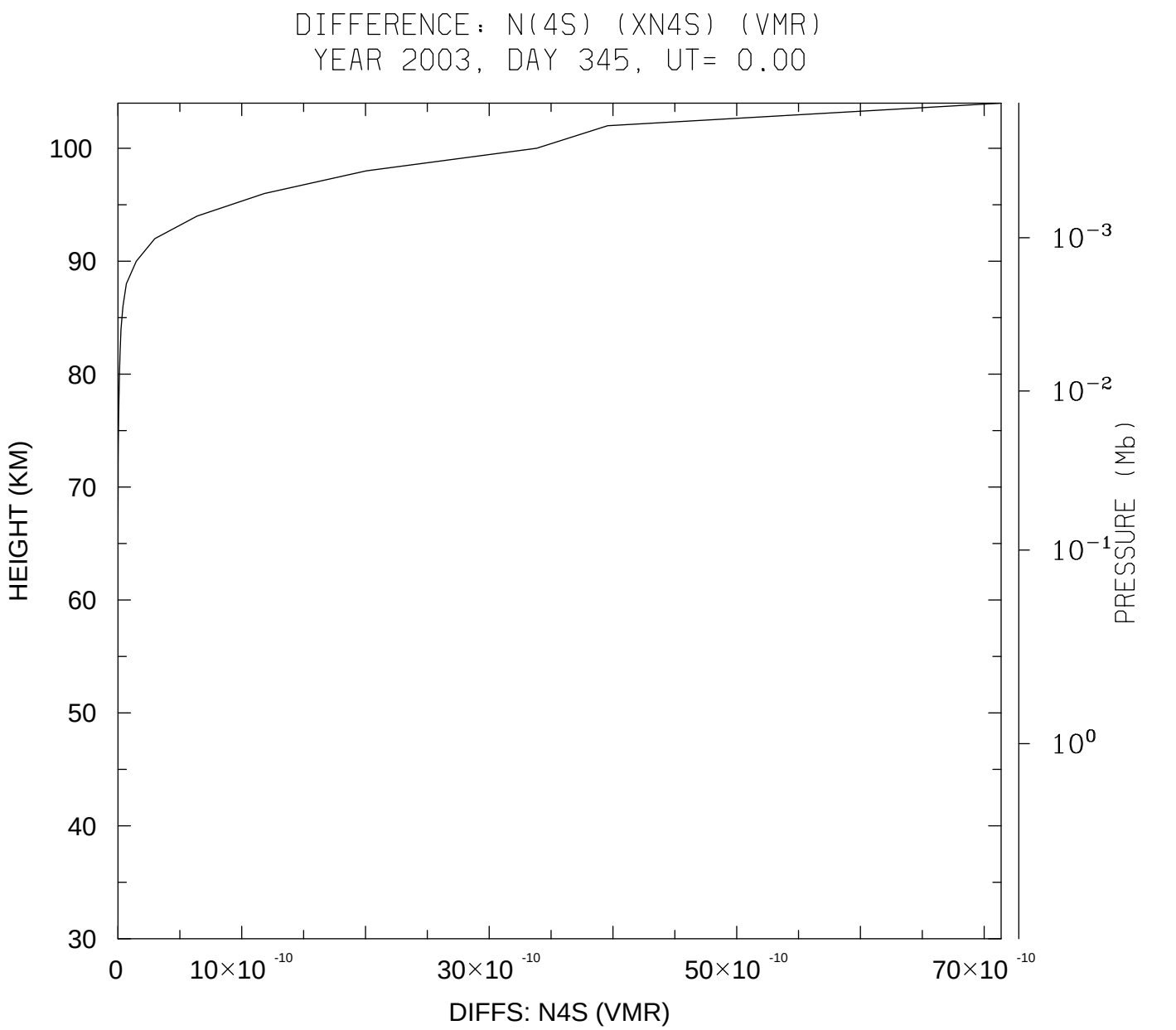
DIFFERENCE: NITRIC OXIDE (XNNO) (VMR)
YEAR 2003, DAY 345, UT= 0.00



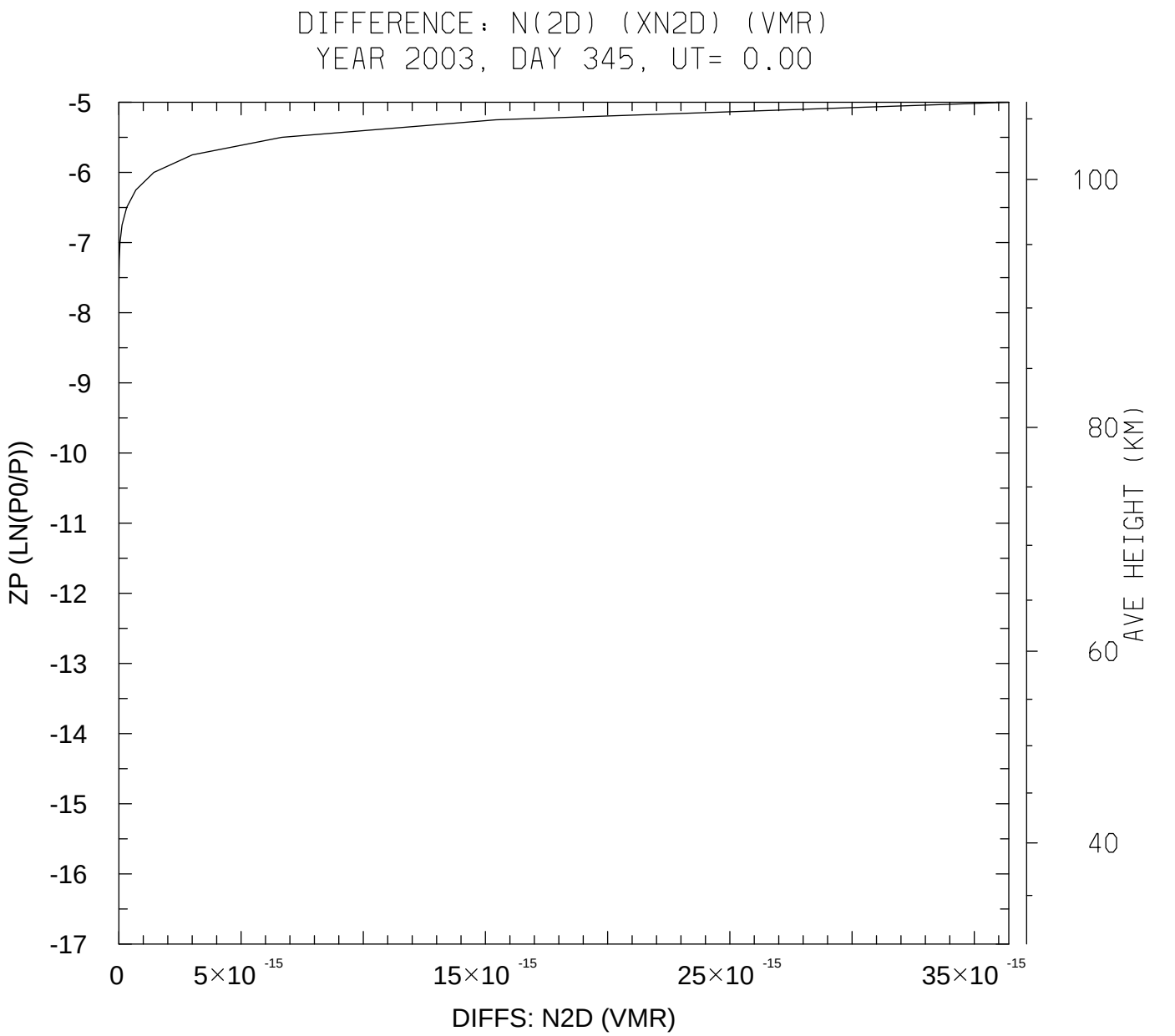
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.5134E-10 0.1255E-05
F107D= 150.00 MINUS F107D= 150.00



ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.1243E-11 0.4491E-11
F107D= 150.00 MINUS F107D= 150.00

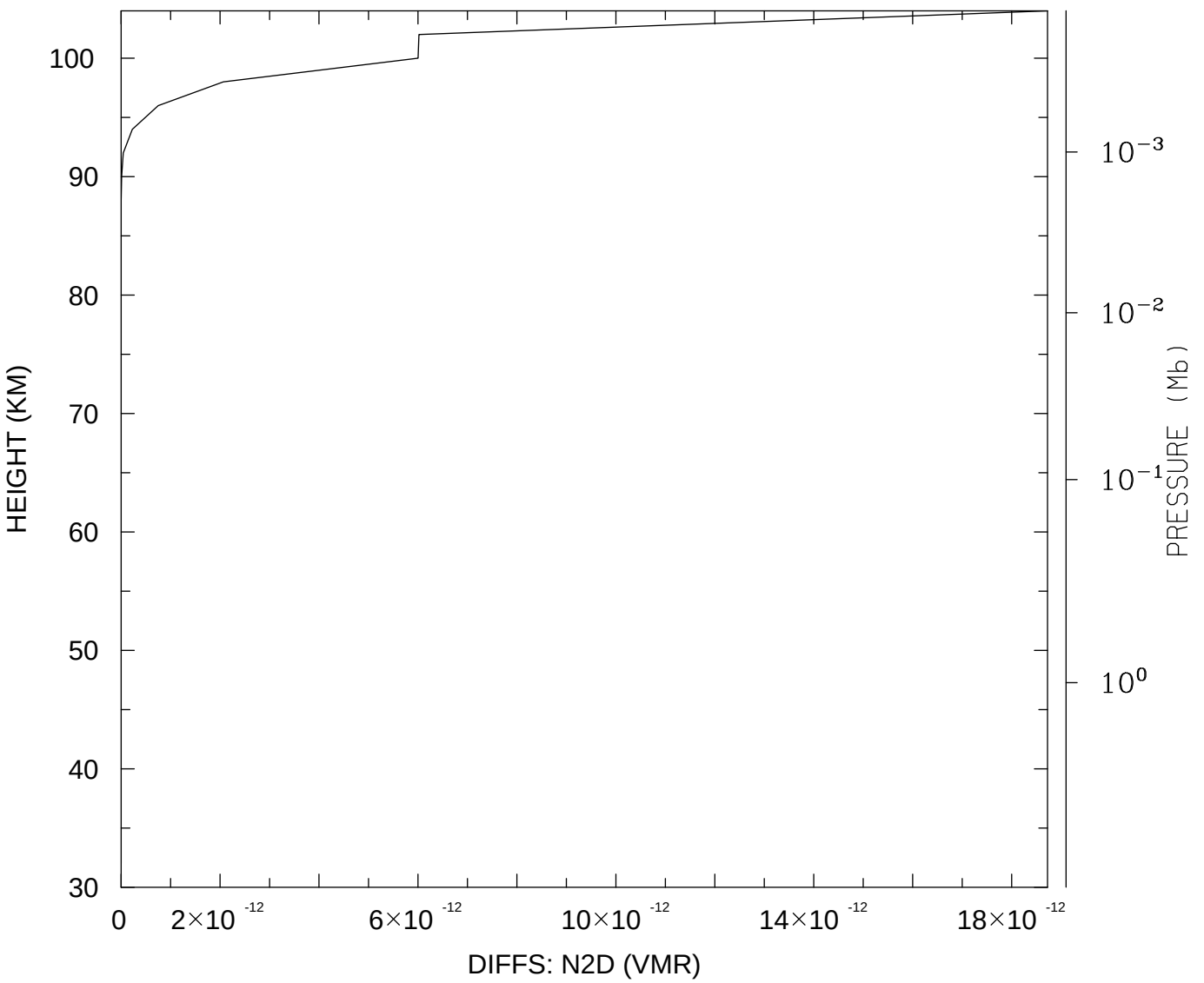


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = 0.3967E-16 0.7137E-08
F107D= 150.00 MINUS F107D= 150.00

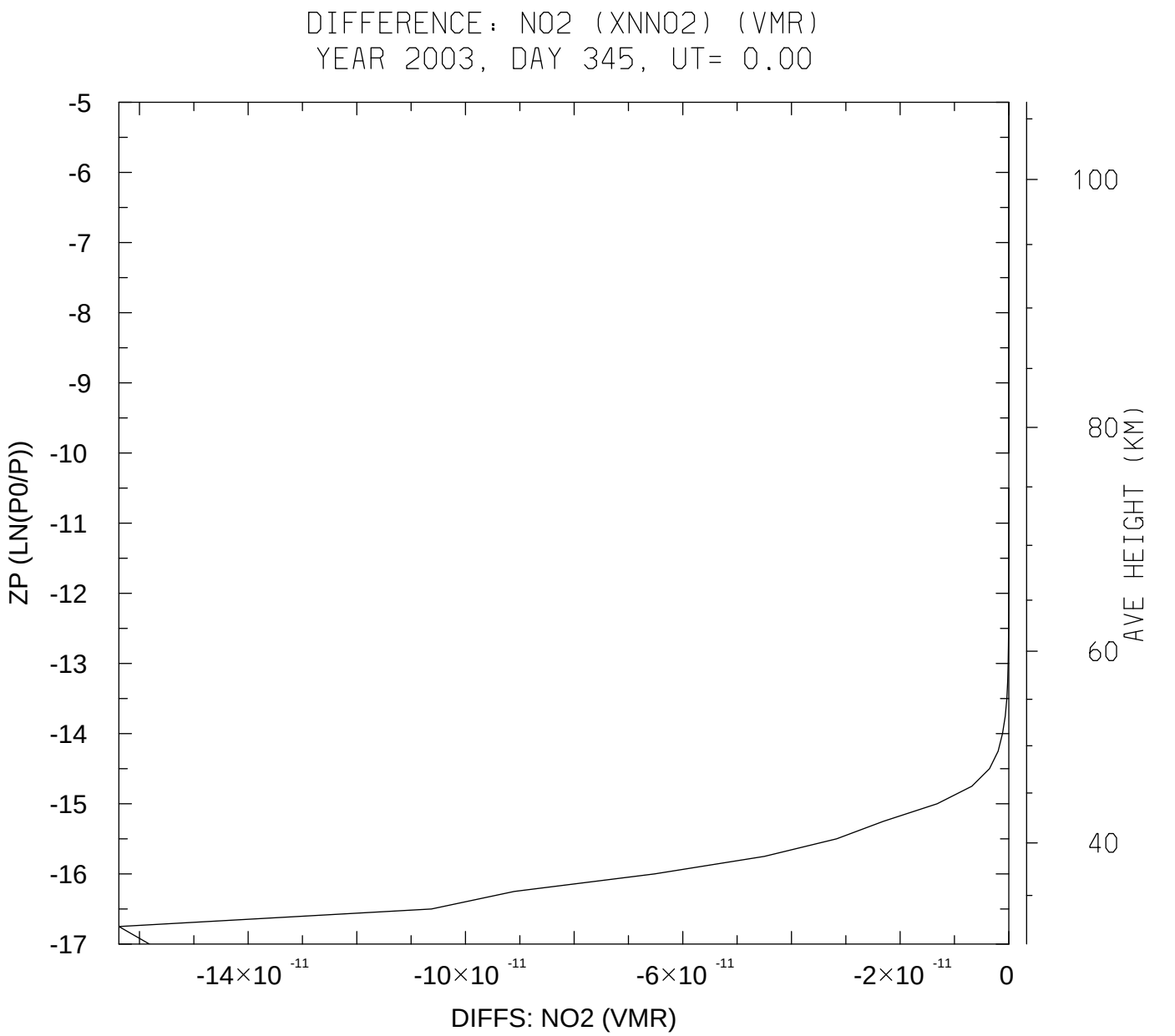


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.7620E-18 0.3642E-13
F107D= 150.00 MINUS F107D= 150.00

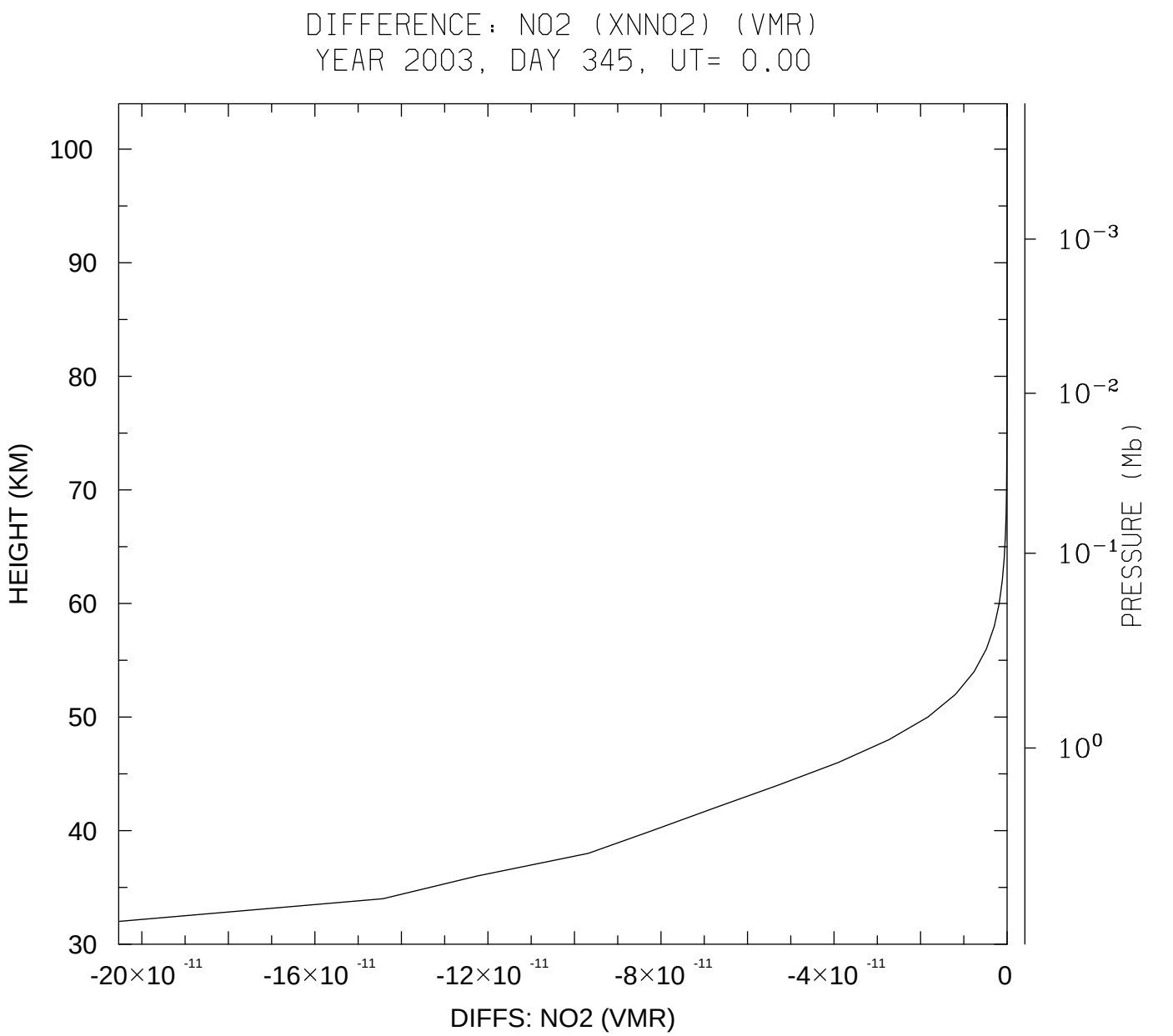
DIFFERENCE: N(2D) (XN2D) (VMR)
YEAR 2003, DAY 345, UT= 0.00



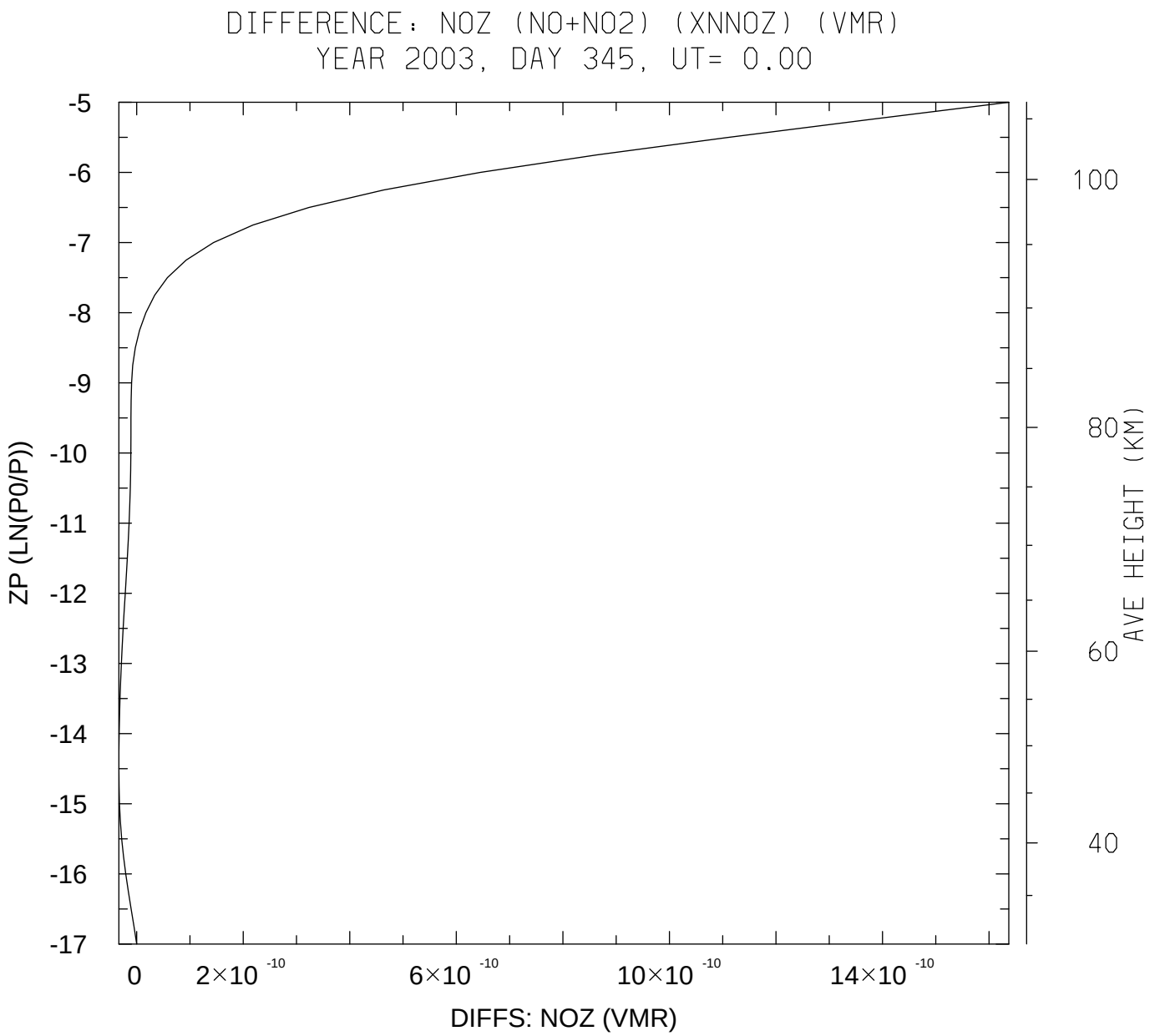
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.2855E-25 0.1873E-10
F107D= 150.00 MINUS F107D= 150.00



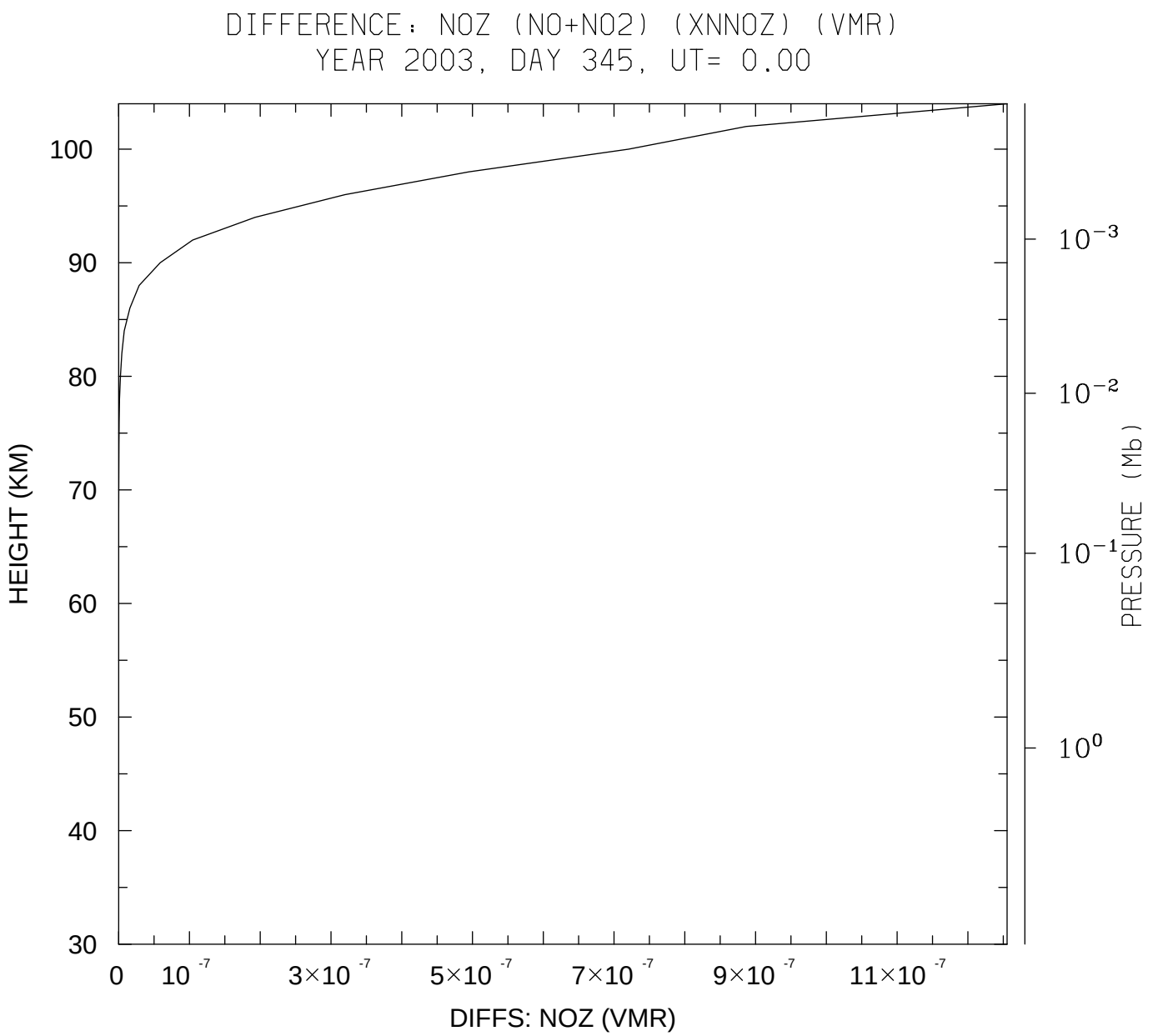
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.1638E-09 0.6168E-14
F107D= 150.00 MINUS F107D= 150.00



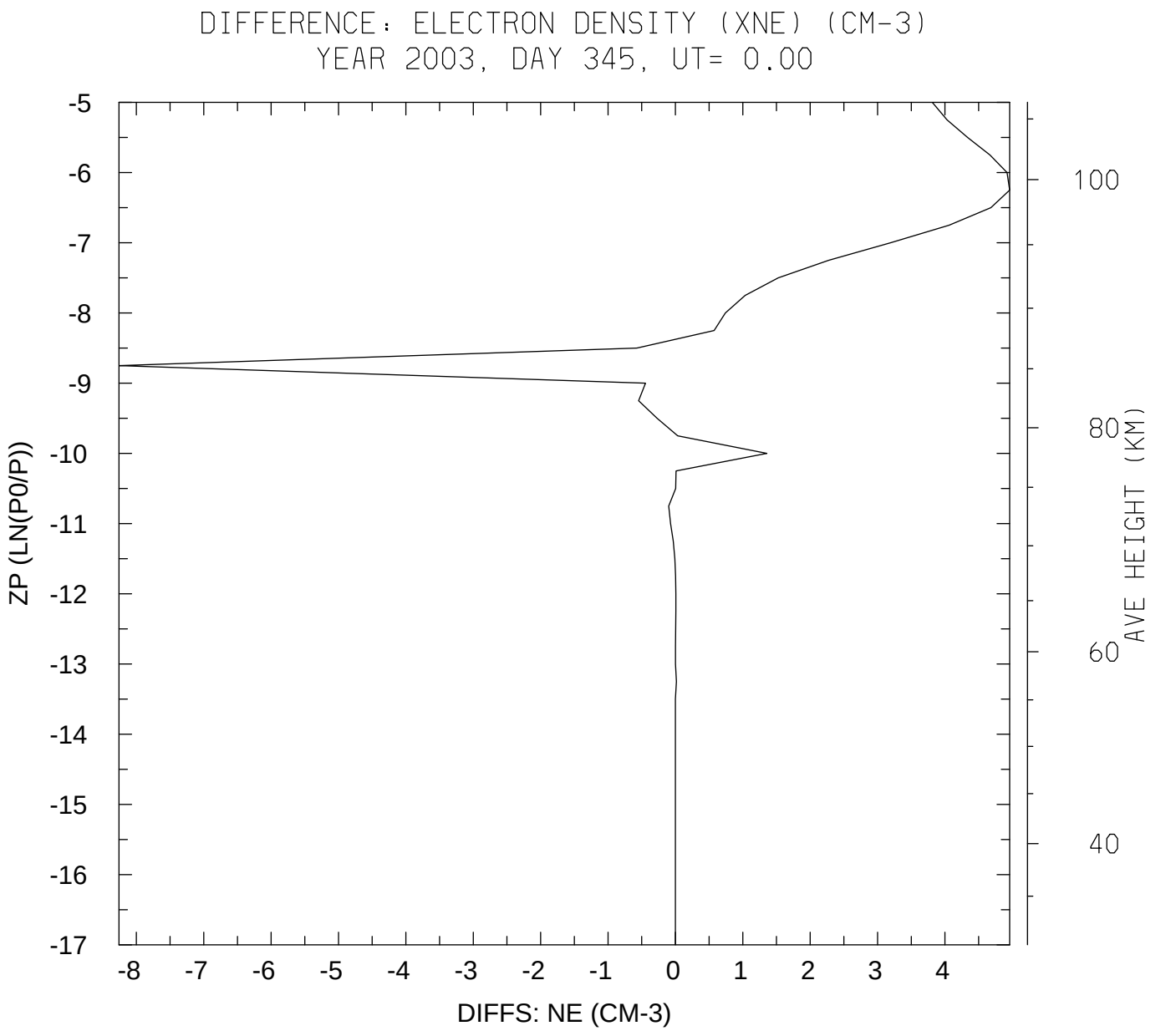
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.2053E-09 -0.5849E-16
F107D= 150.00 MINUS F107D= 150.00



ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.3345E-10 0.1637E-08
F107D= 150.00 MINUS F107D= 150.00

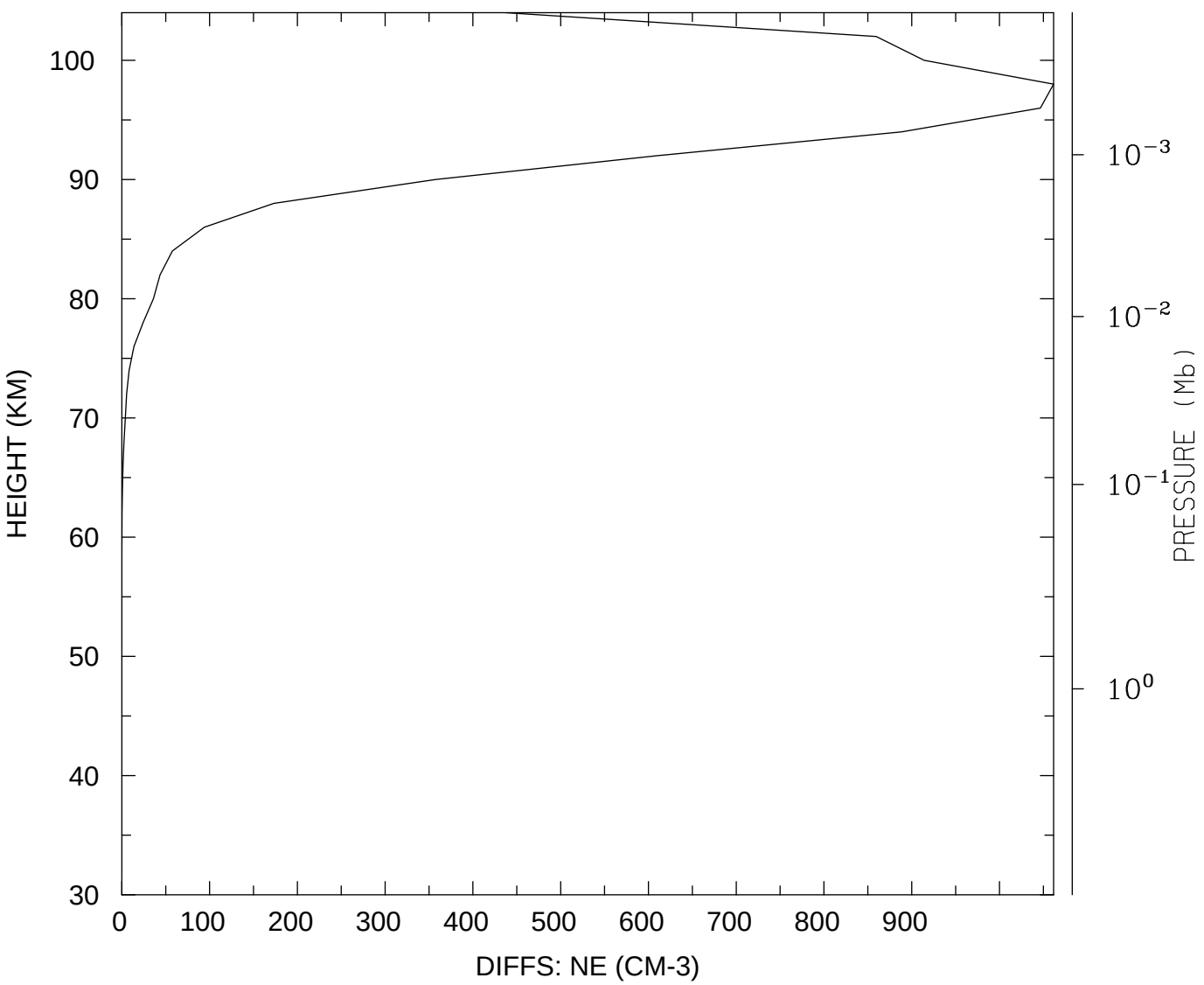


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.5482E-10 0.1255E-05
F107D= 150.00 MINUS F107D= 150.00

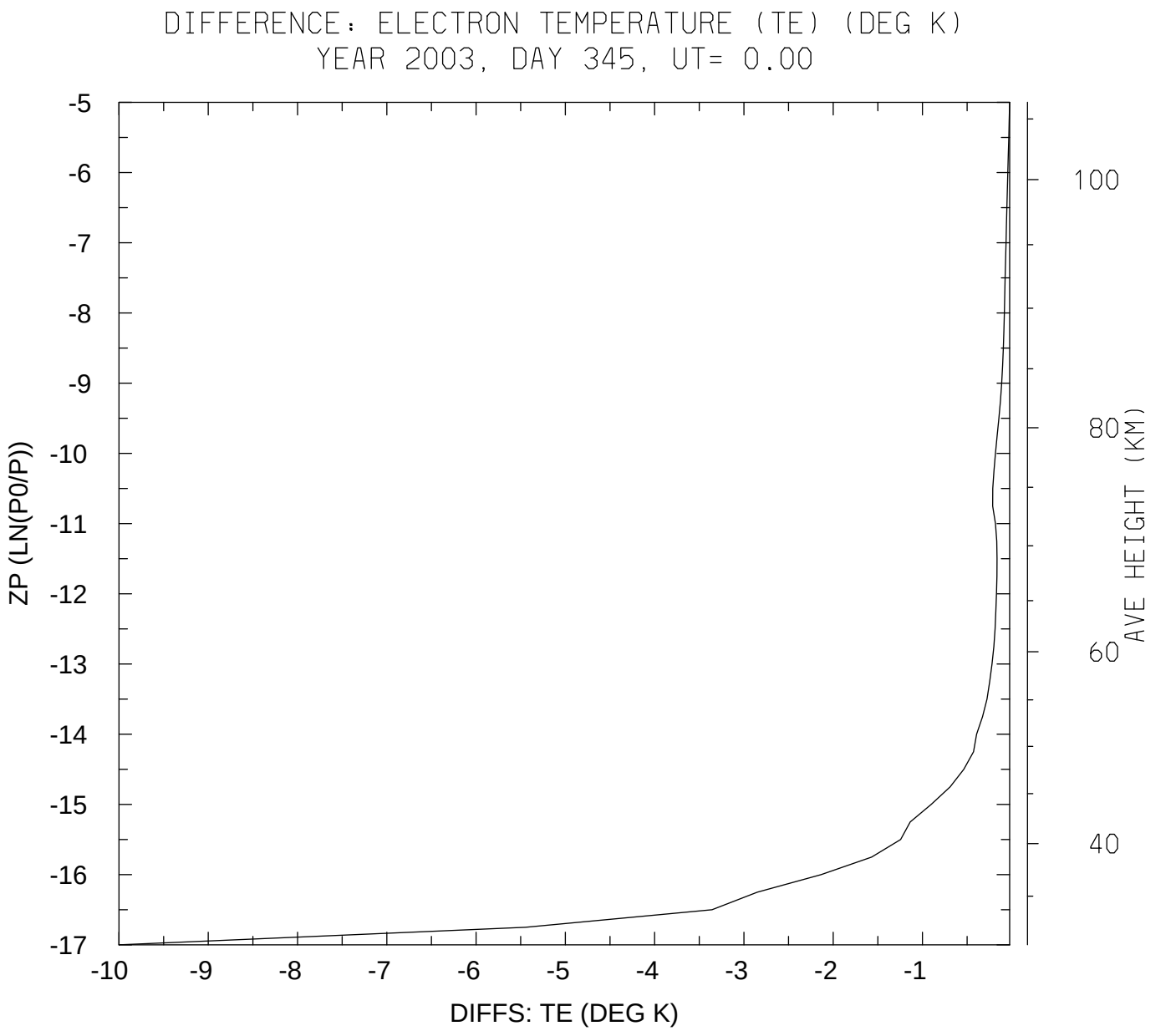


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.8258E+01 0.4961E+01
F107D= 150.00 MINUS F107D= 150.00

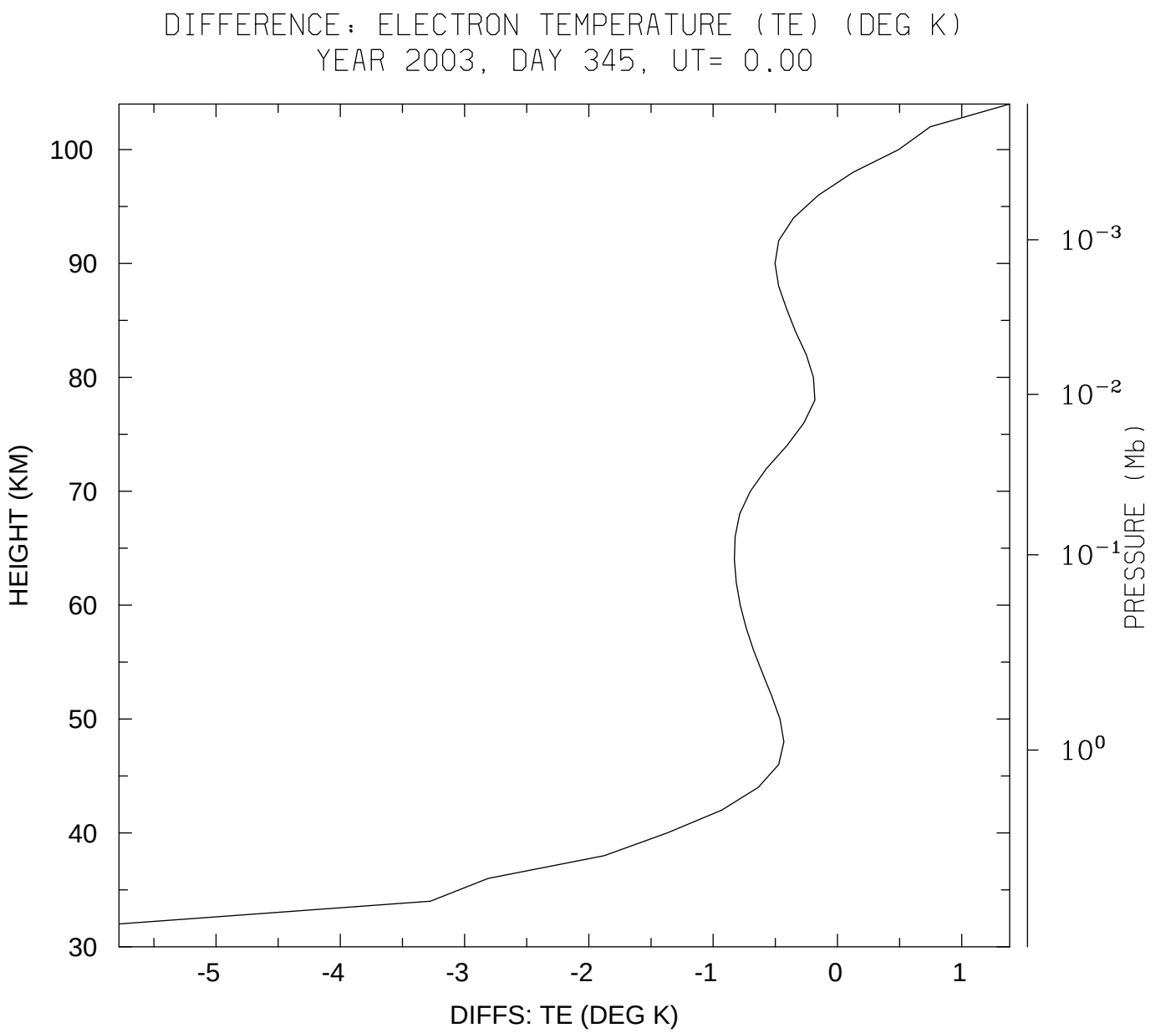
DIFFERENCE: ELECTRON DENSITY (XNE) (CM-3)
YEAR 2003, DAY 345, UT= 0.00



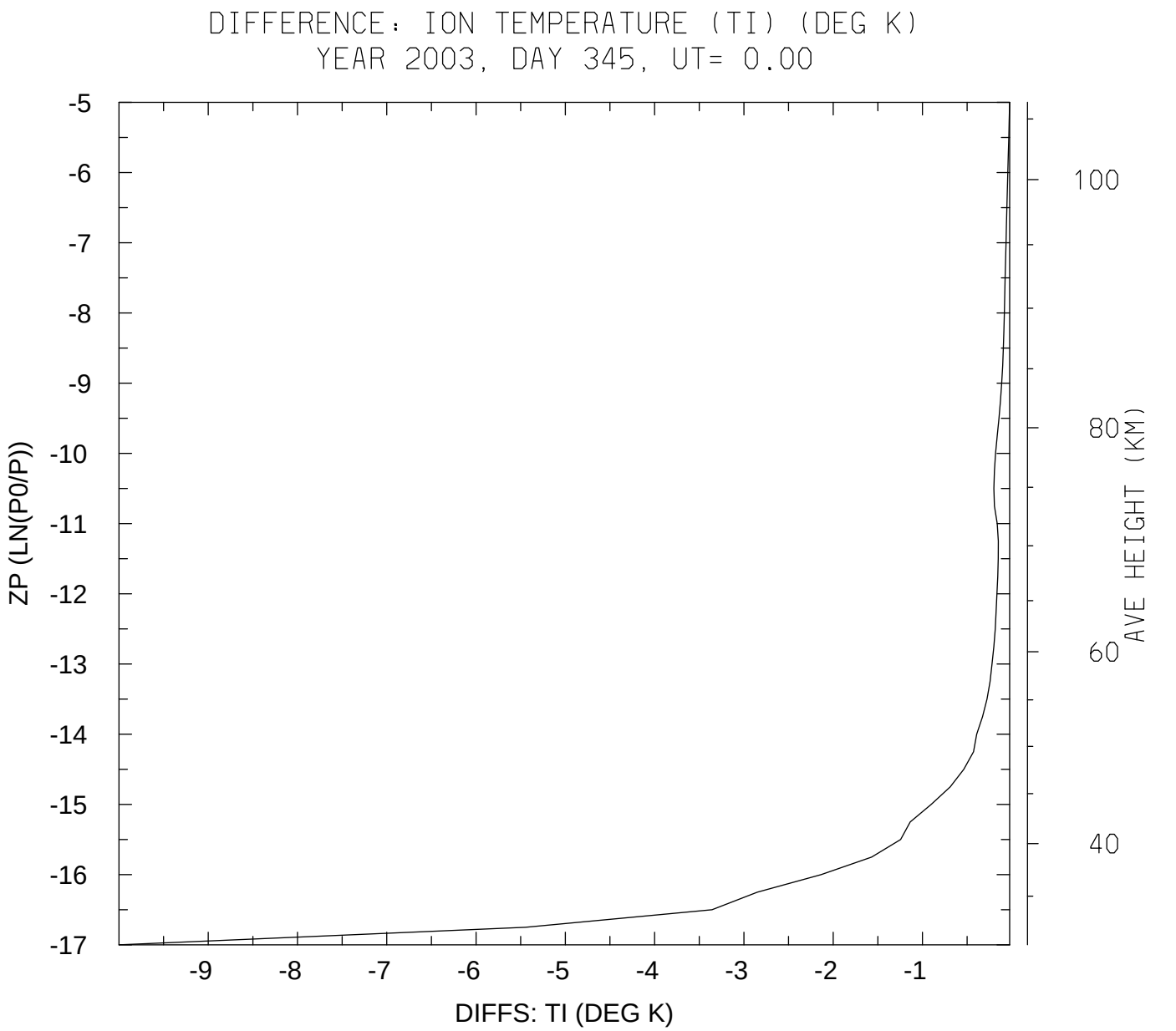
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = 0.5924E-05 0.1062E+04
F107D= 150.00 MINUS F107D= 150.00



ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.1000E+02 -0.2289E-01
F107D= 150.00 MINUS F107D= 150.00

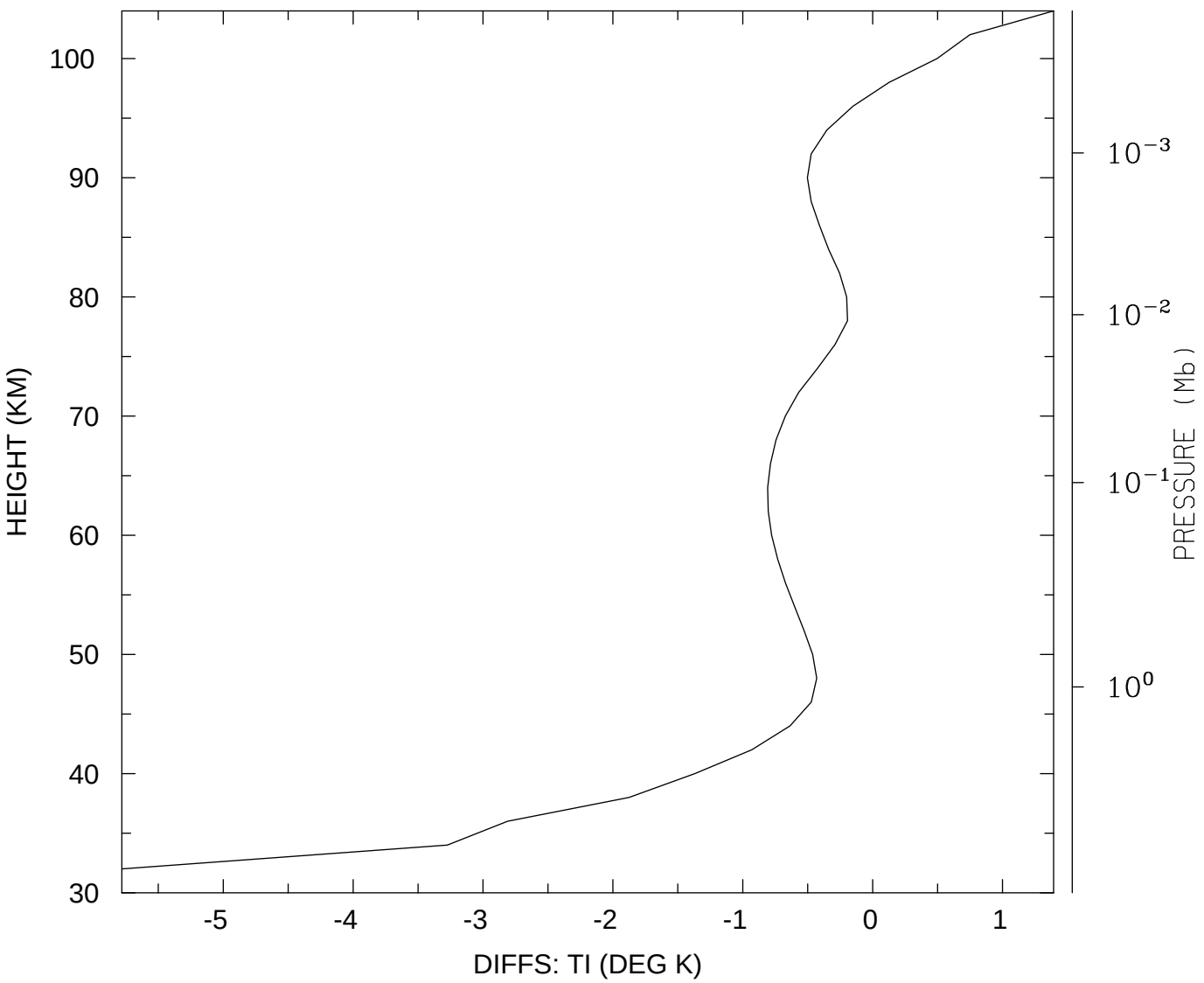


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.5781E+01 0.1386E+01
F107D= 150.00 MINUS F107D= 150.00

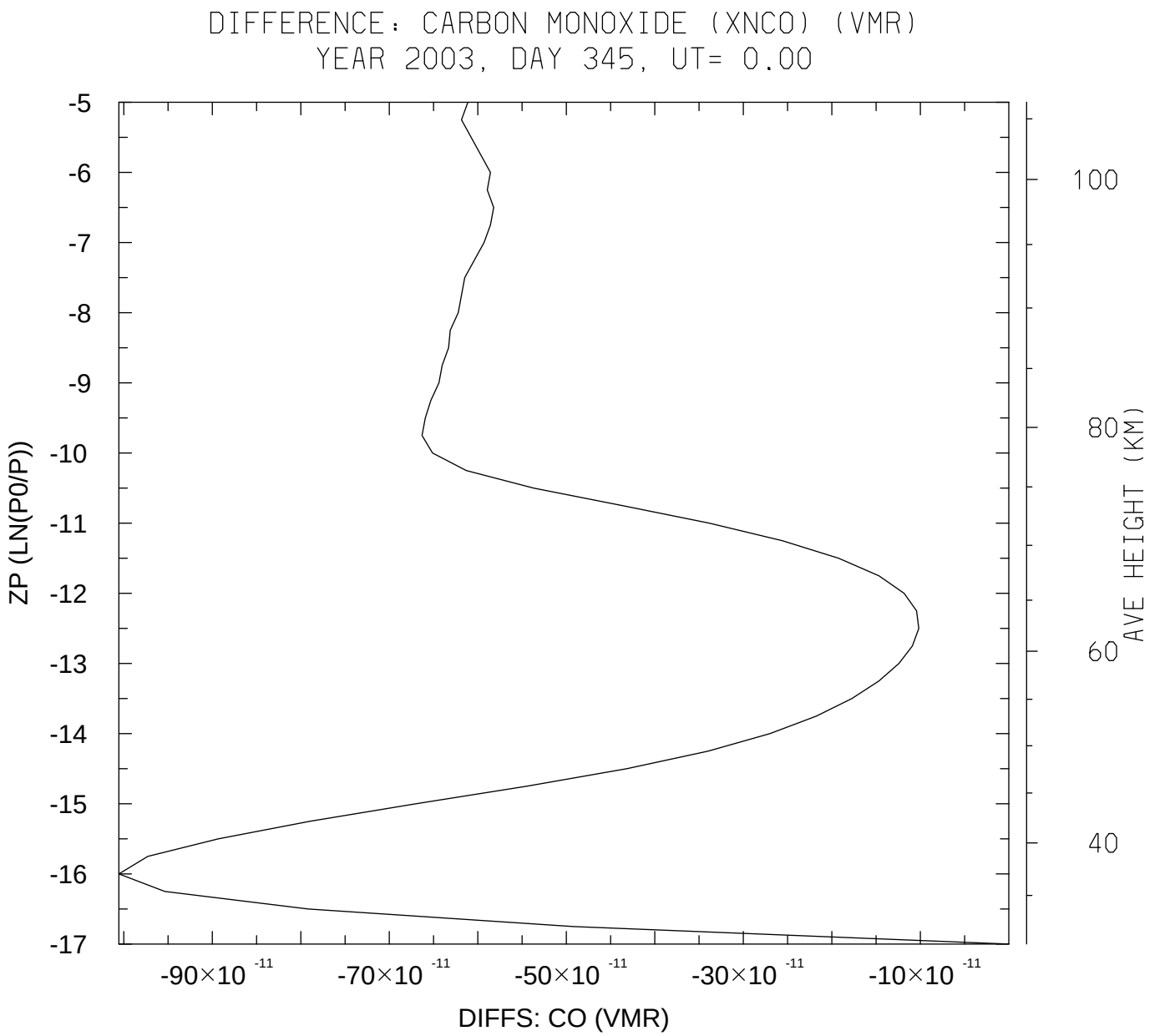


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.1000E+02 -0.2293E-01
F107D= 150.00 MINUS F107D= 150.00

DIFFERENCE: ION TEMPERATURE (TI) (DEG K)
YEAR 2003, DAY 345, UT= 0.00

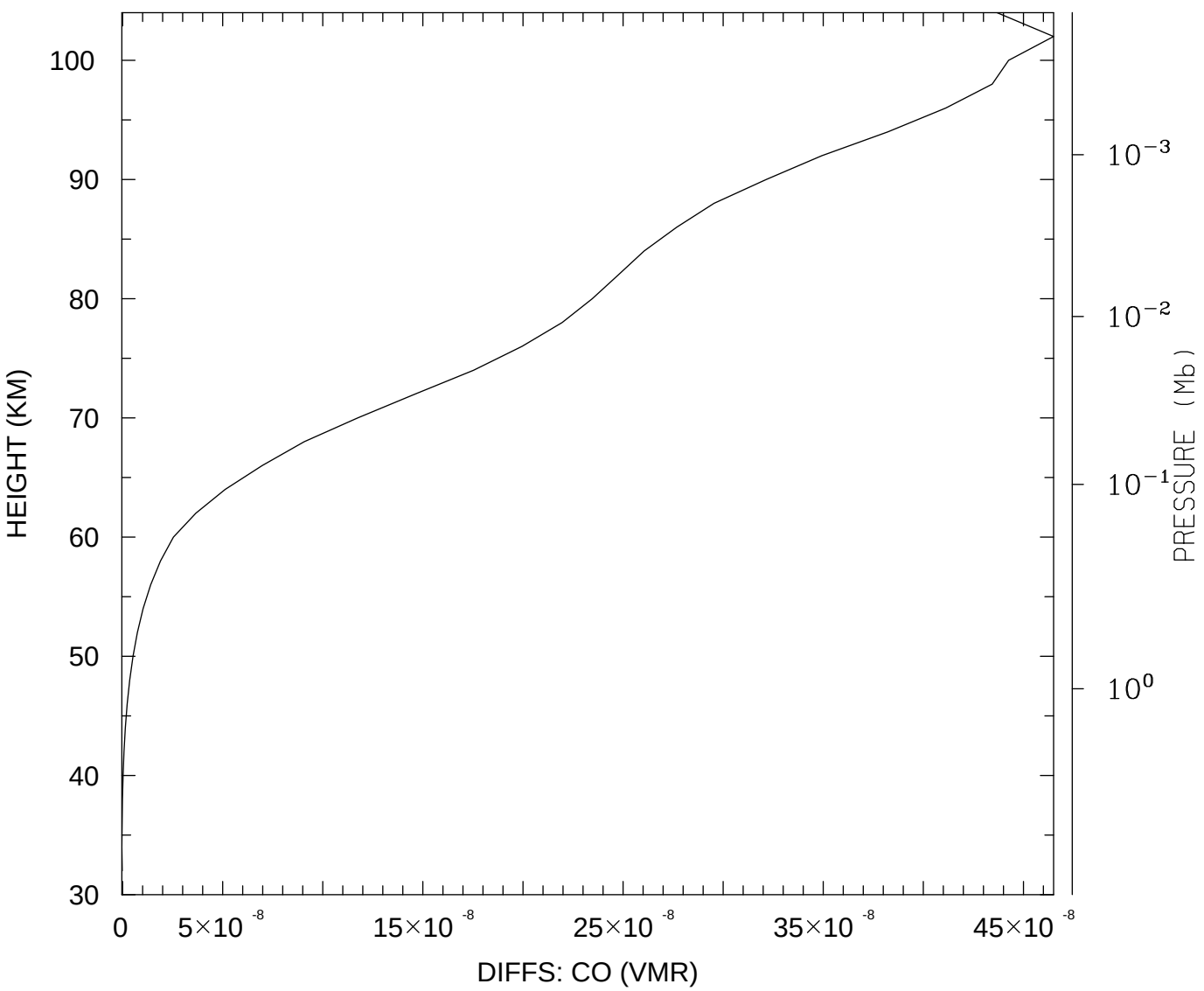


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.5781E+01 0.1393E+01
F107D= 150.00 MINUS F107D= 150.00

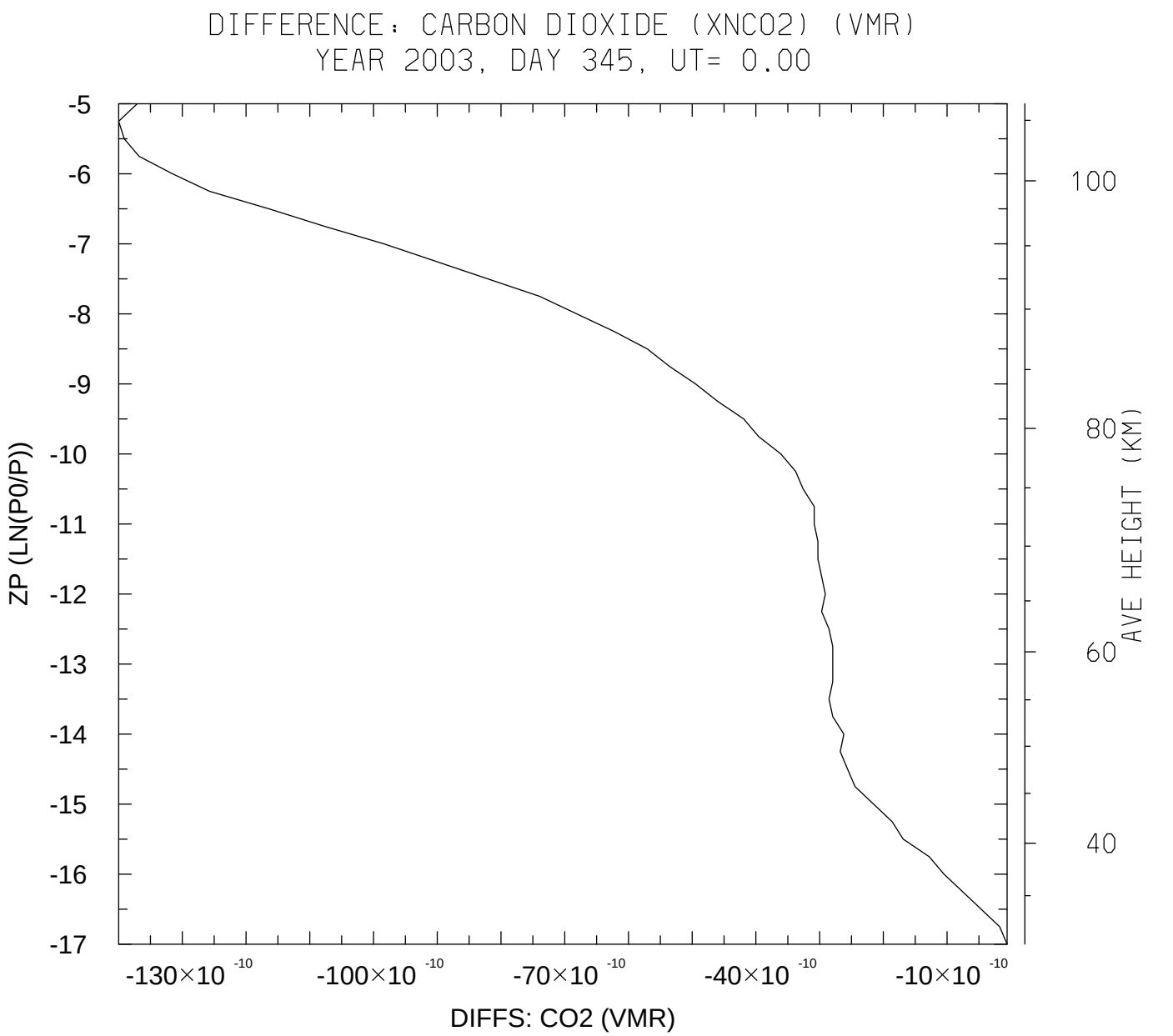


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.1006E-08 -0.1776E-14
F107D= 150.00 MINUS F107D= 150.00

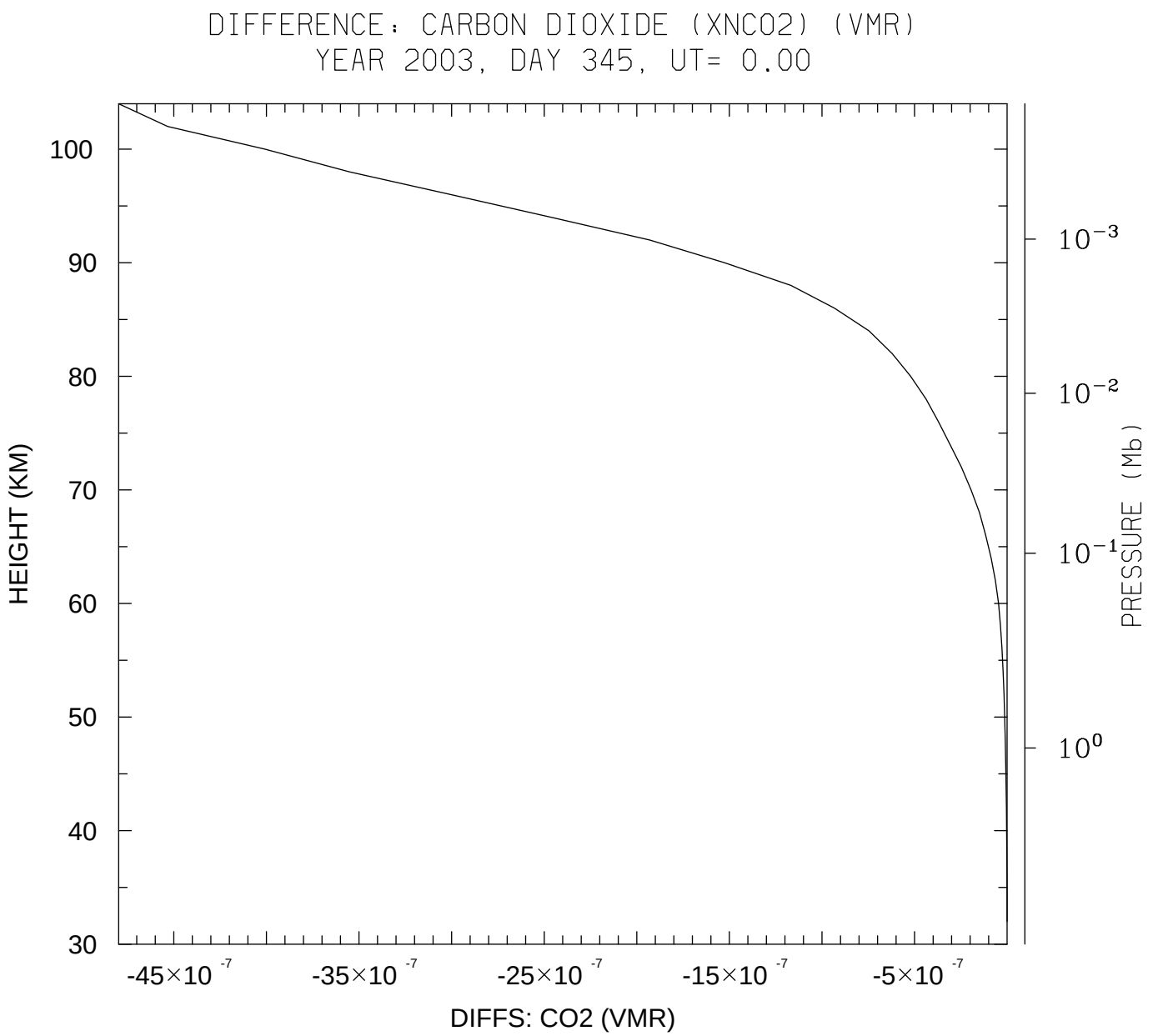
DIFFERENCE: CARBON MONOXIDE (XNCO) (VMR)
YEAR 2003, DAY 345, UT= 0.00



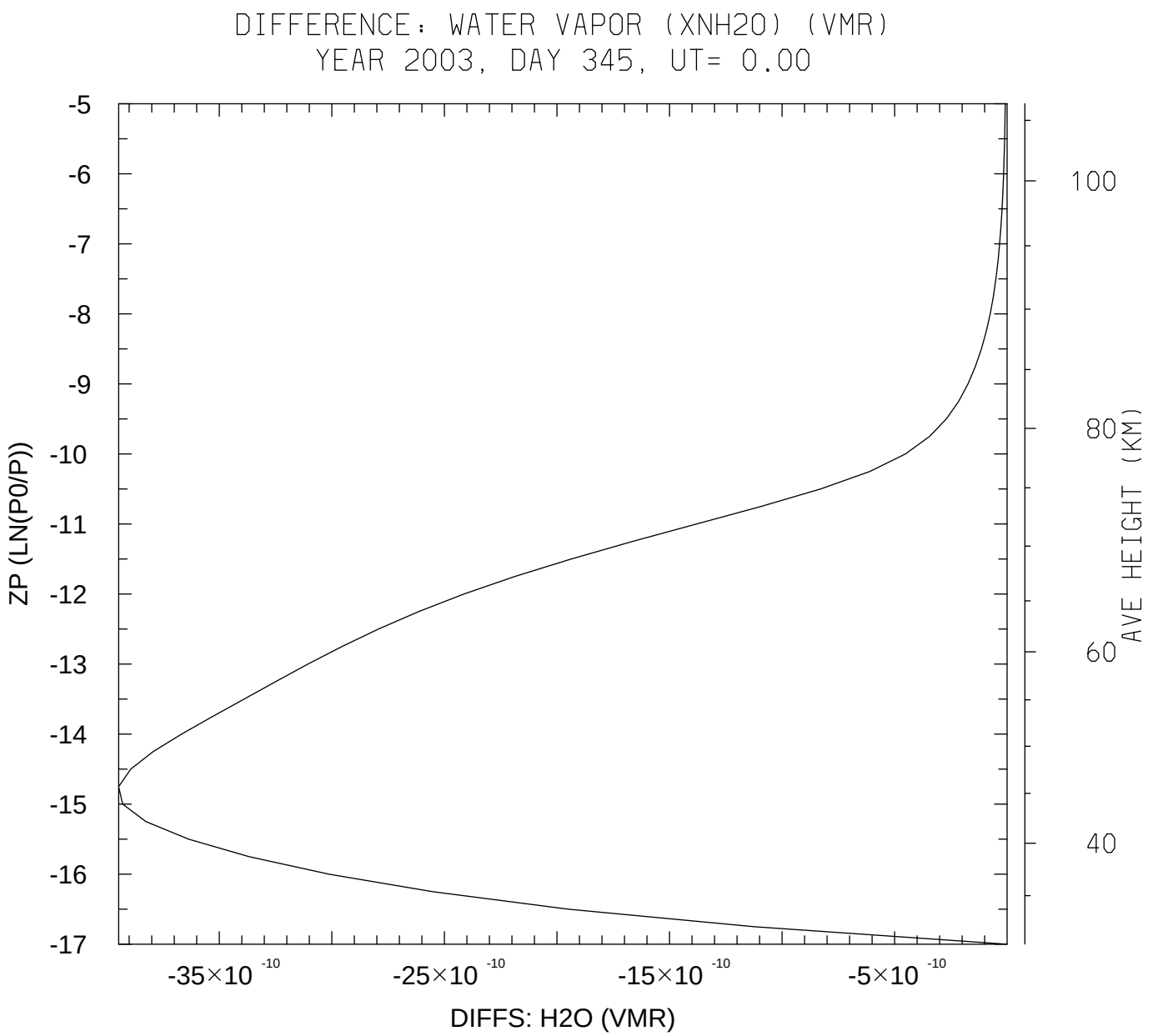
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.3917E-09 0.4651E-06
F107D= 150.00 MINUS F107D= 150.00



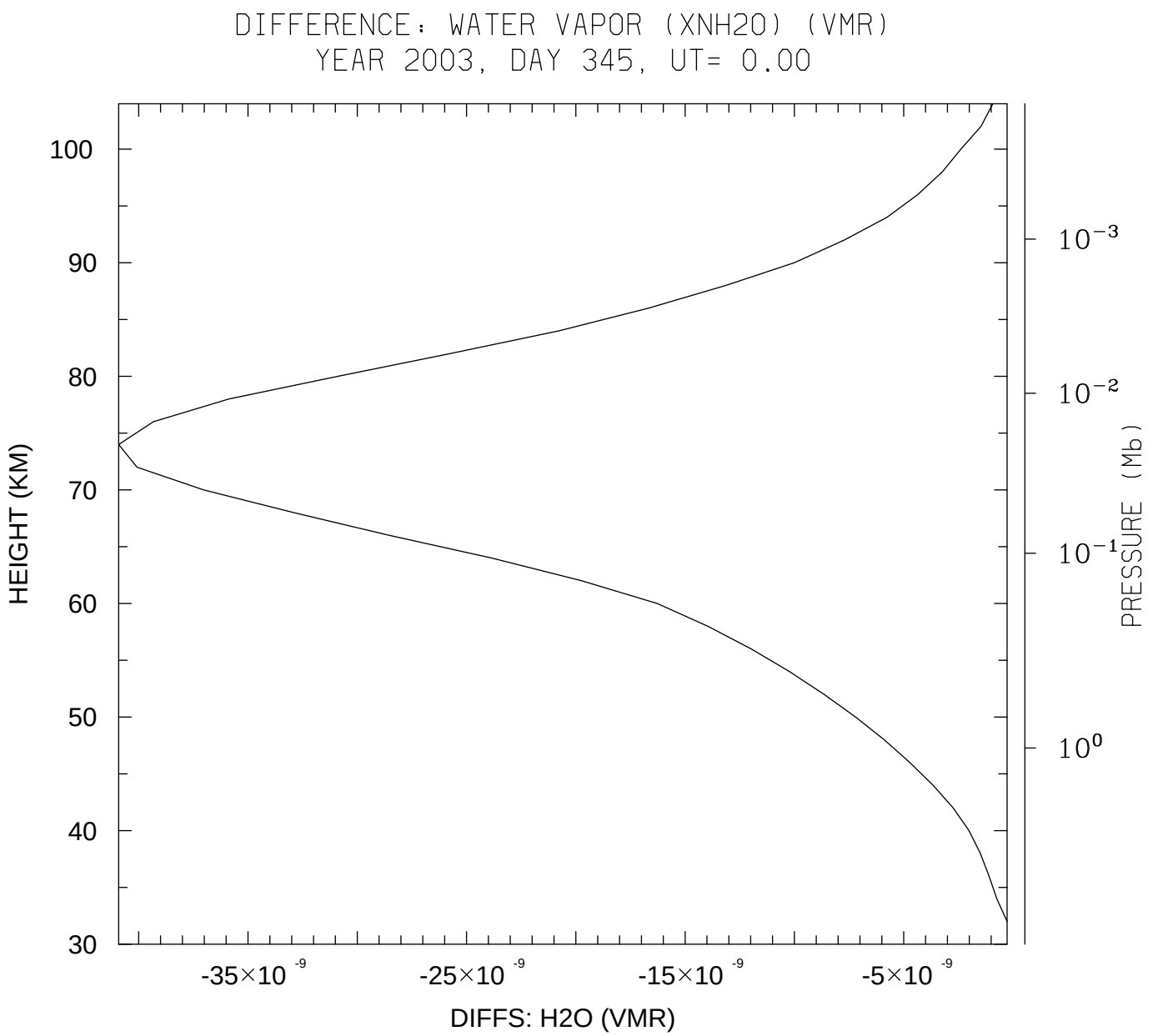
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.1400E-07 -0.5821E-10
F107D= 150.00 MINUS F107D= 150.00



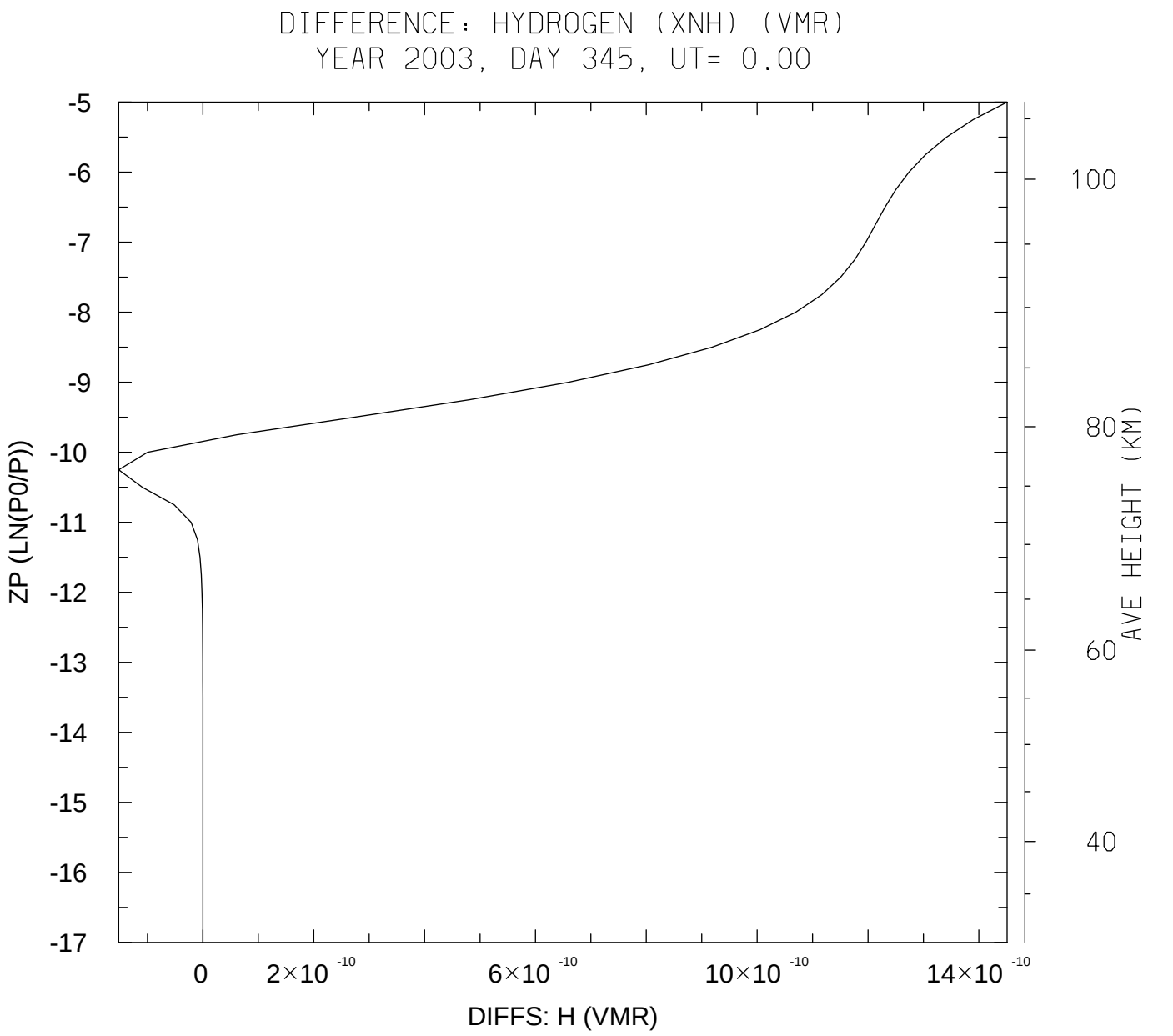
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.4798E-05 -0.4075E-09
F107D= 150.00 MINUS F107D= 150.00



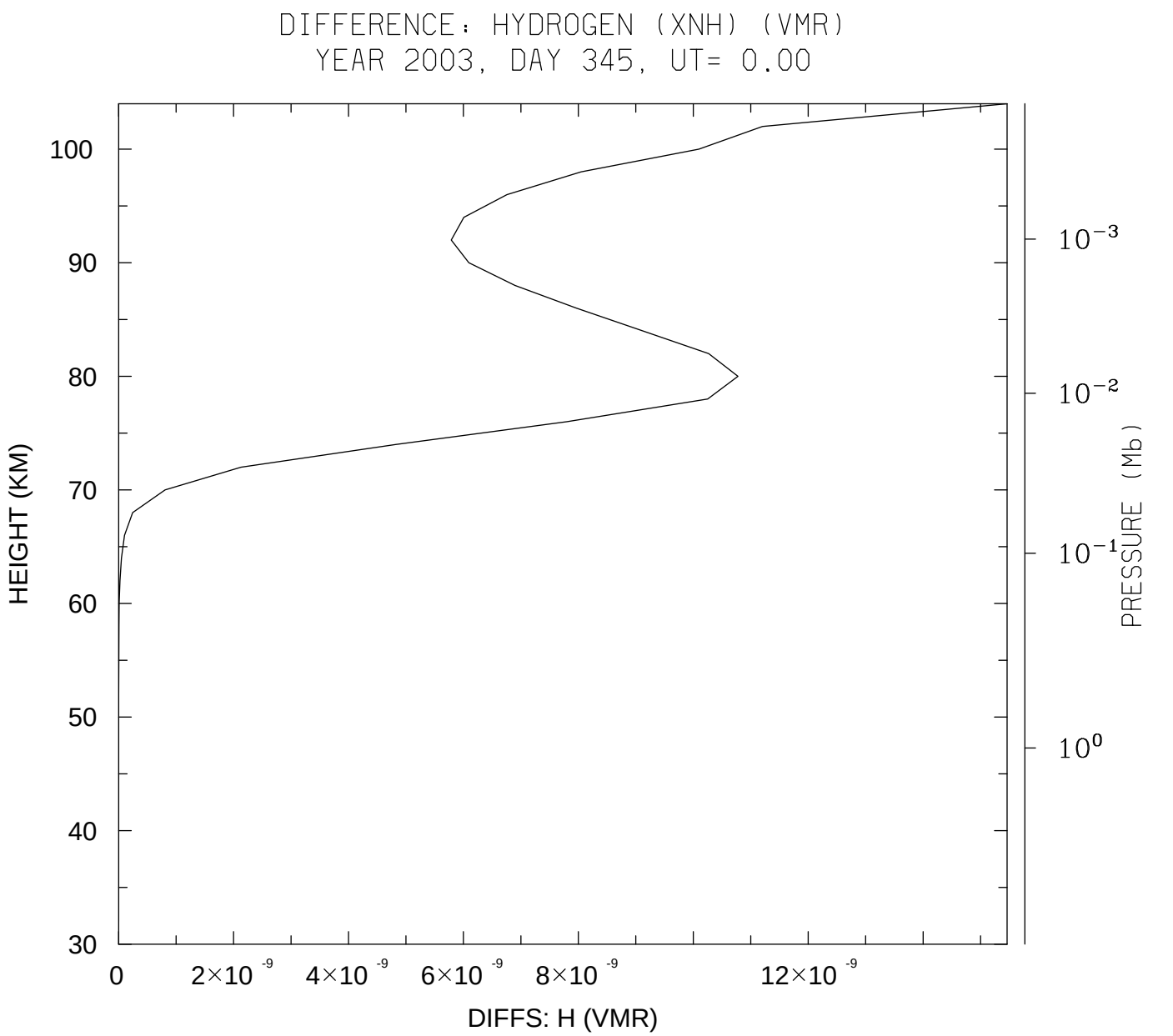
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.3947E-08 -0.4547E-12
F107D= 150.00 MINUS F107D= 150.00



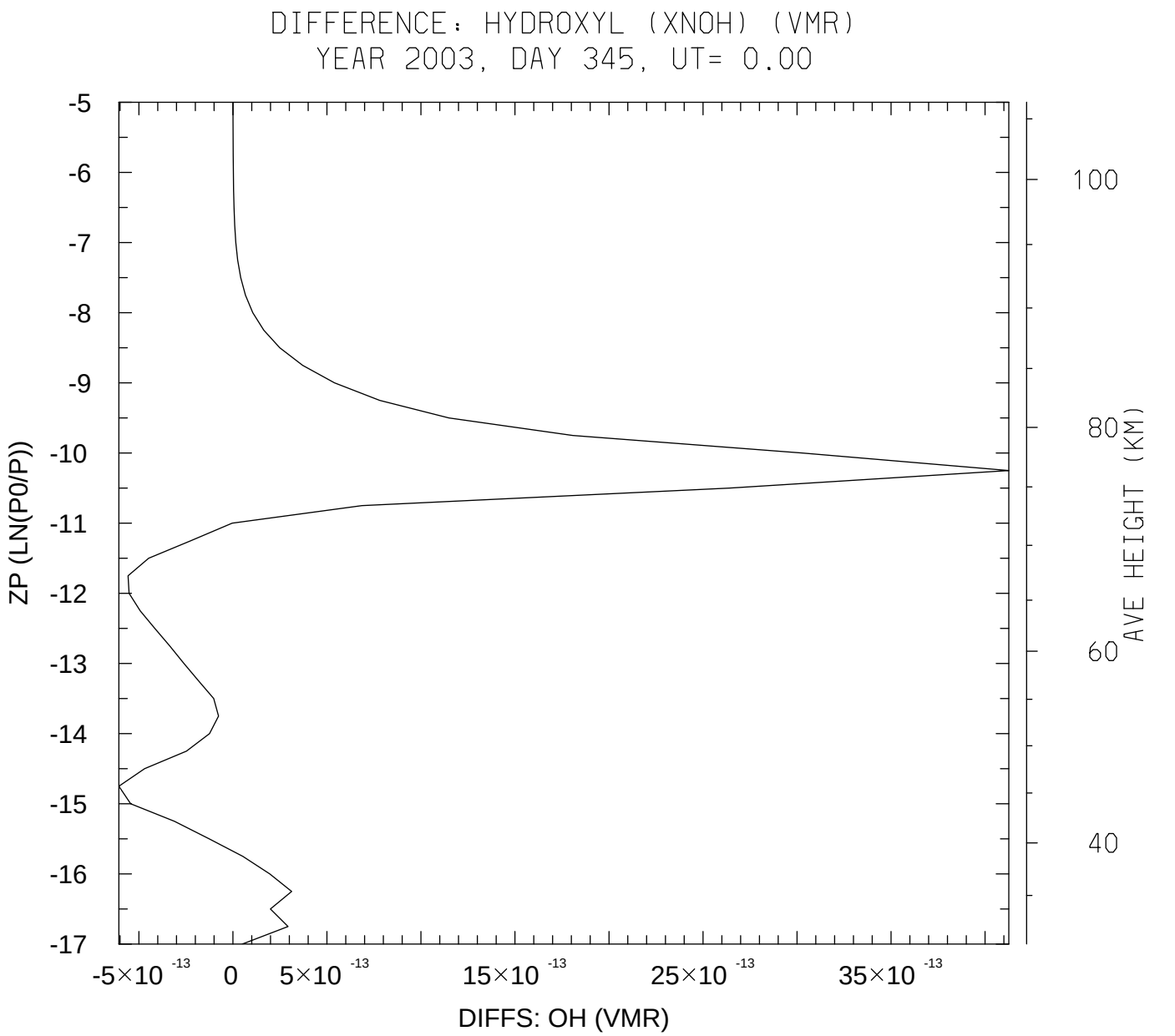
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.4092E-07 -0.2688E-09
F107D= 150.00 MINUS F107D= 150.00



ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.1520E-09 0.1451E-08
F107D= 150.00 MINUS F107D= 150.00

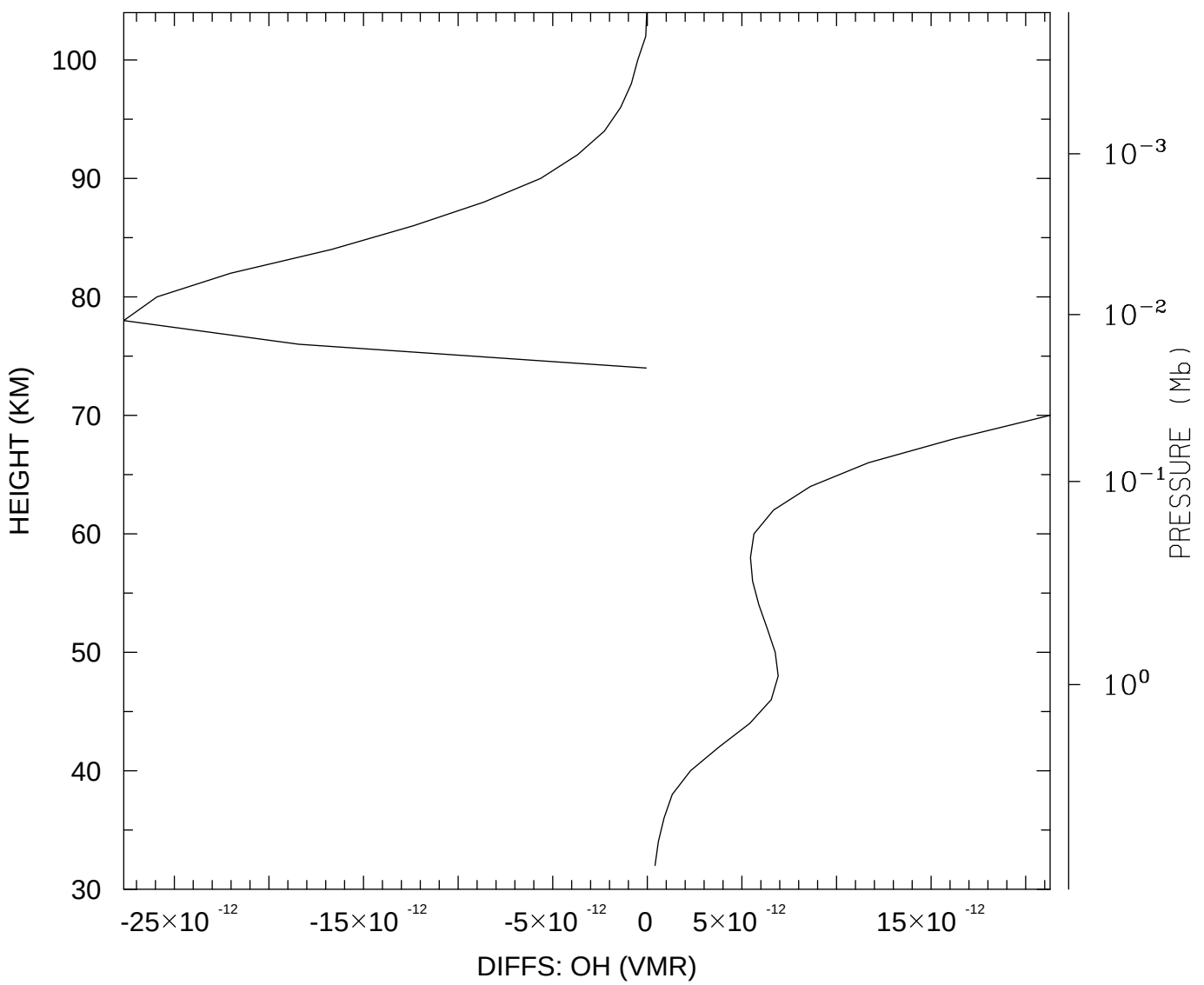


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.5738E-18 0.1546E-07
F107D= 150.00 MINUS F107D= 150.00

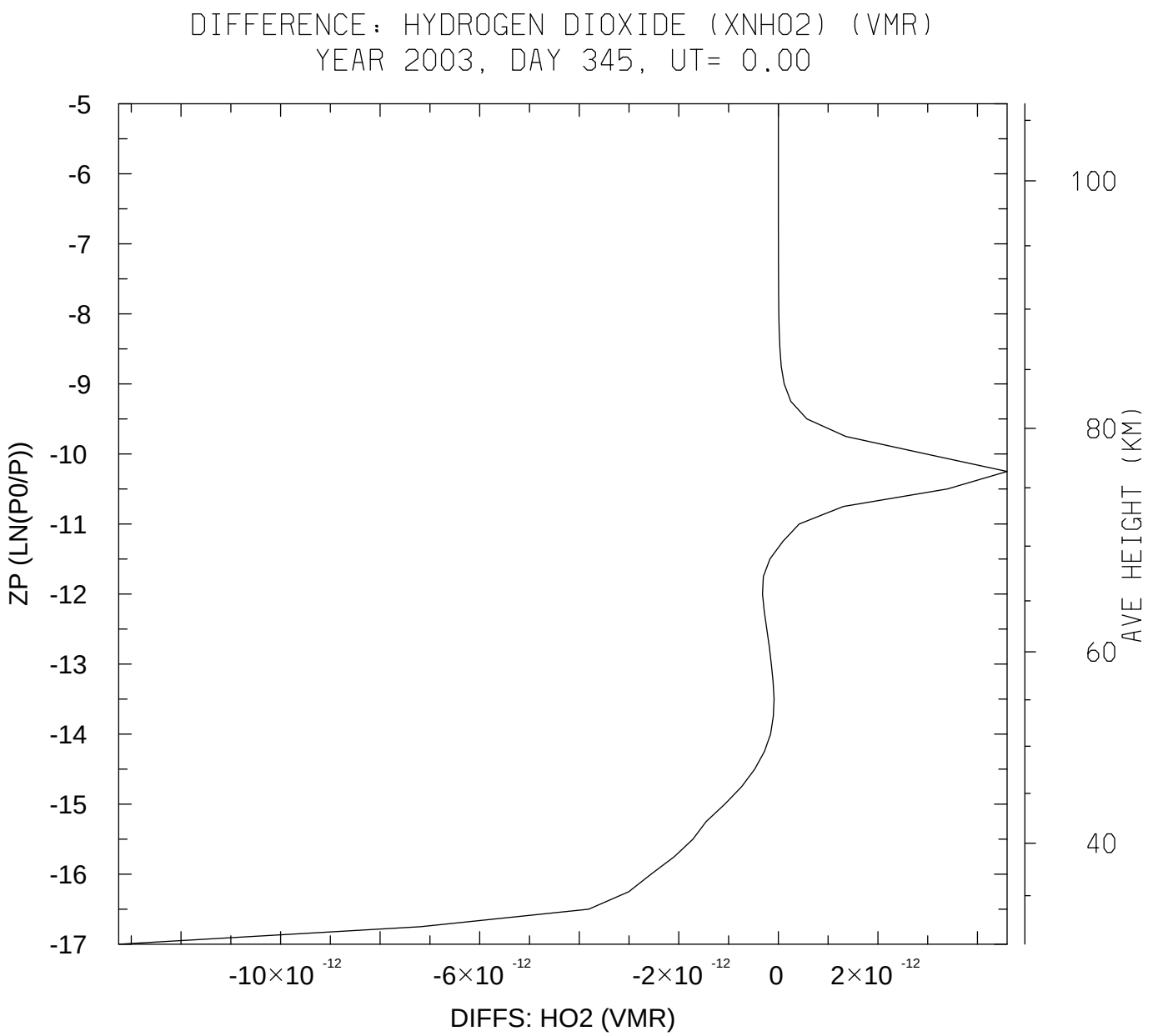


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.6067E-12 0.4126E-11
F107D= 150.00 MINUS F107D= 150.00

DIFFERENCE: HYDROXYL (XNOH) (VMR)
YEAR 2003, DAY 345, UT= 0.00

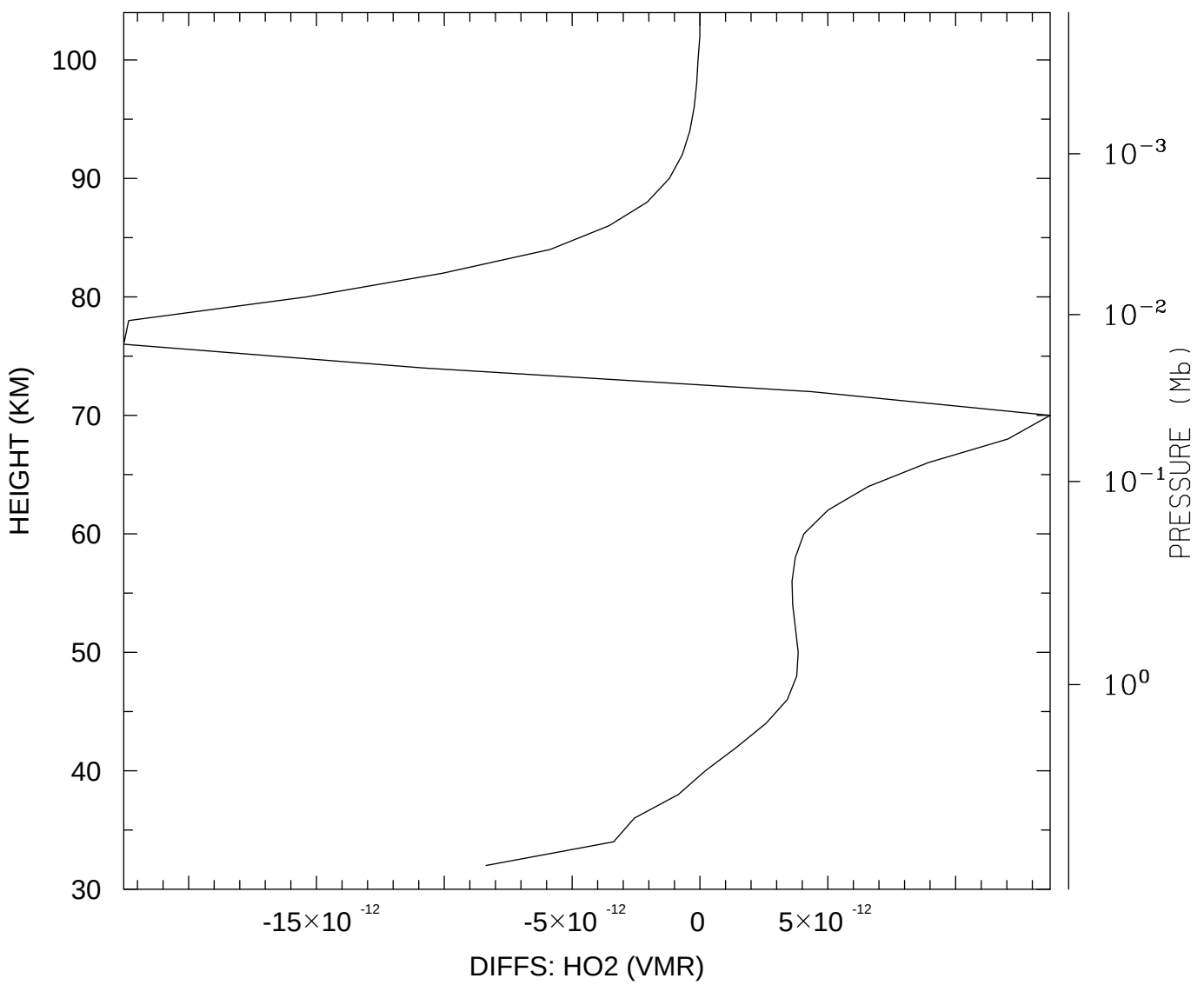


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.2767E-10 0.2129E-10
F107D= 150.00 MINUS F107D= 150.00

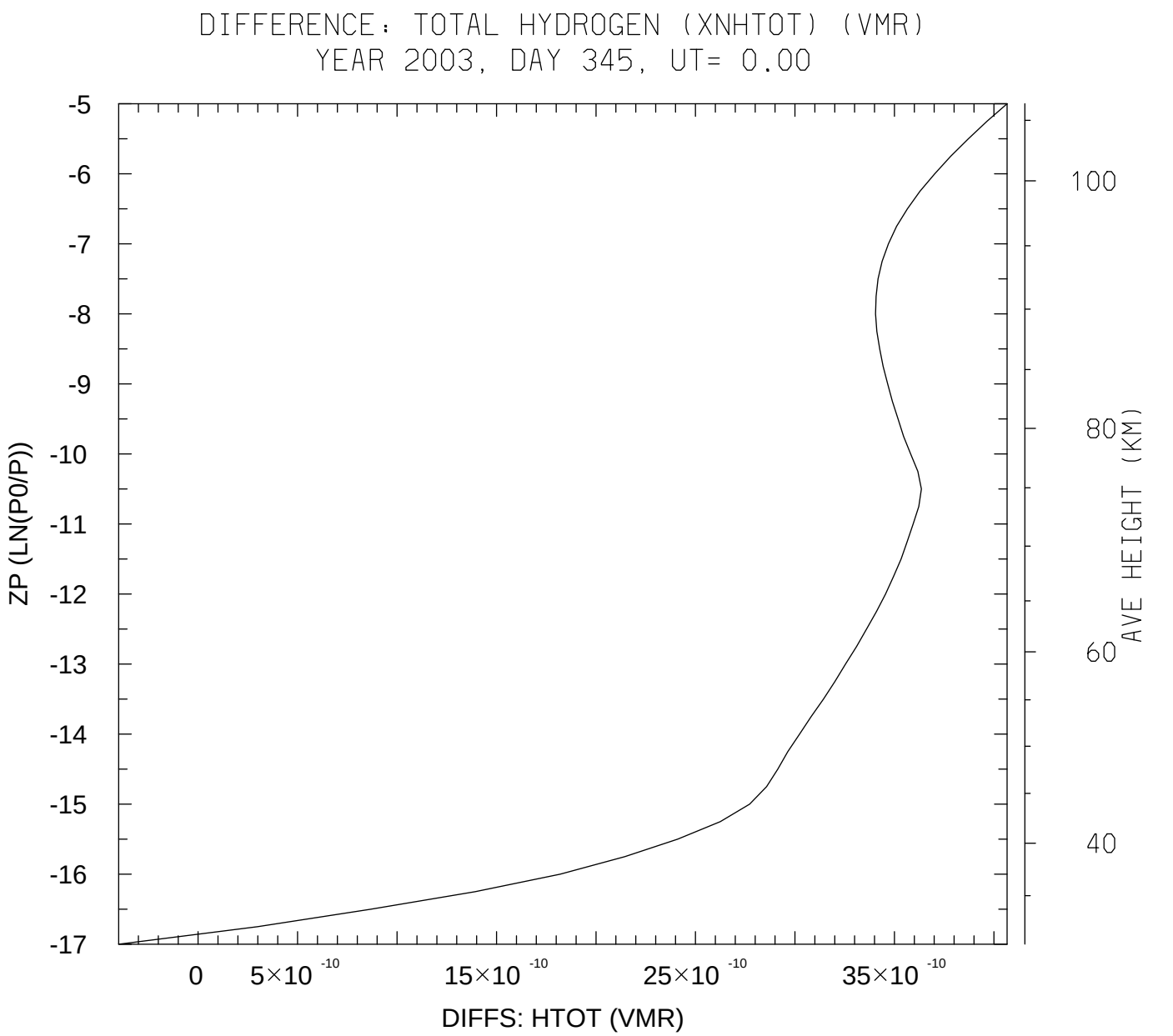


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.1325E-10 0.4596E-11
F107D= 150.00 MINUS F107D= 150.00

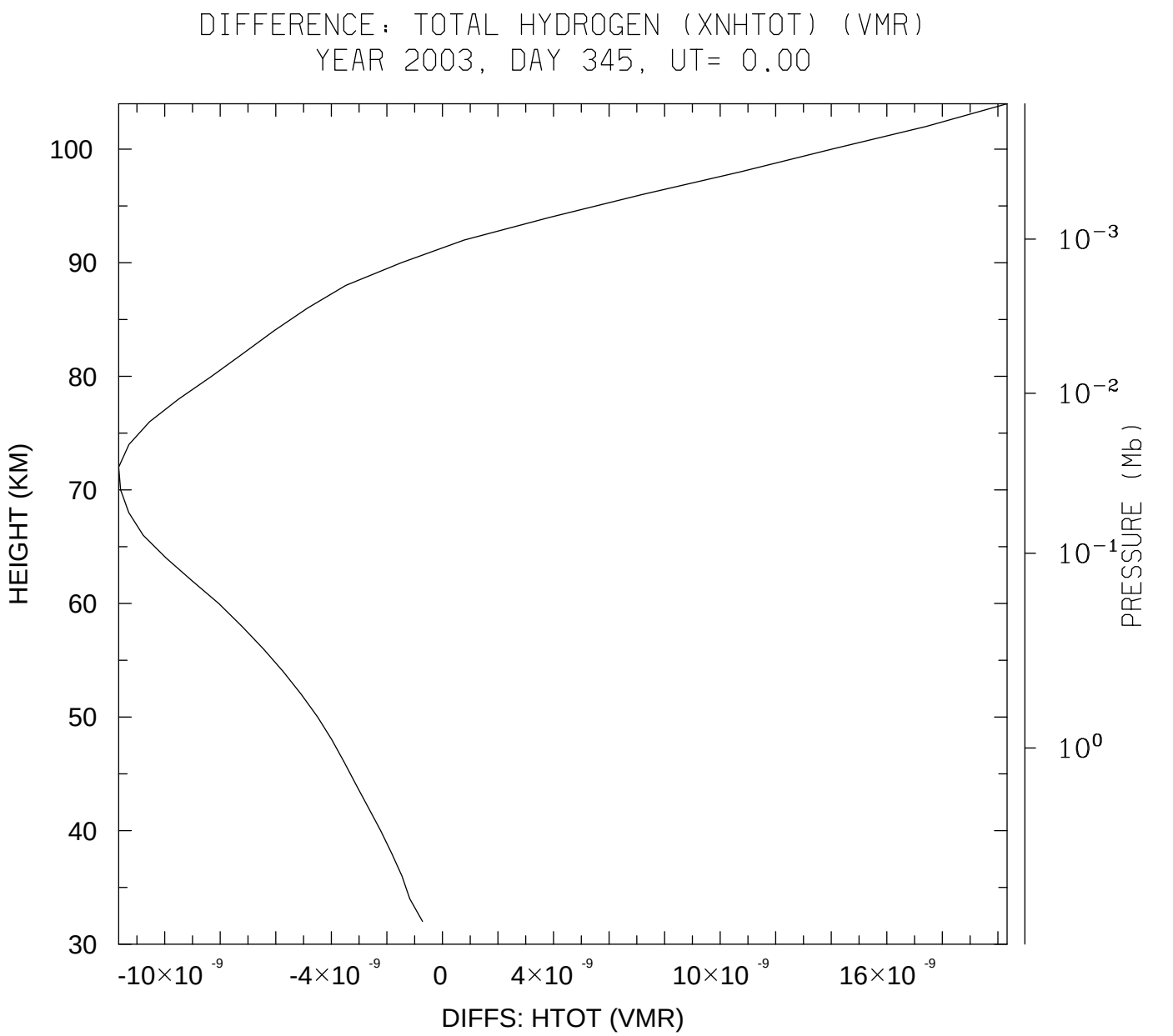
DIFFERENCE: HYDROGEN DIOXIDE (XNHO2) (VMR)
YEAR 2003, DAY 345, UT= 0.00



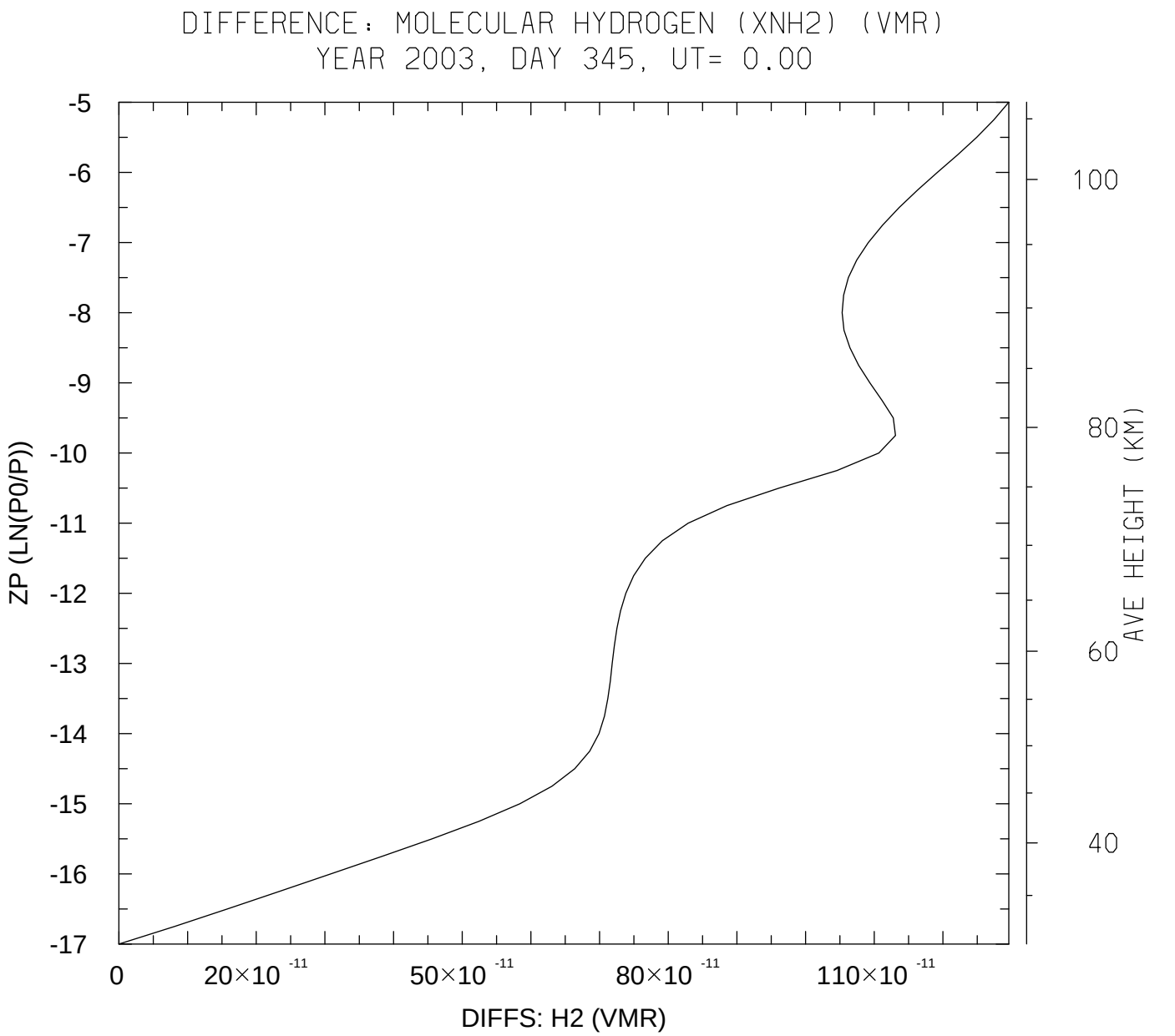
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.2254E-10 0.1370E-10
F107D= 150.00 MINUS F107D= 150.00



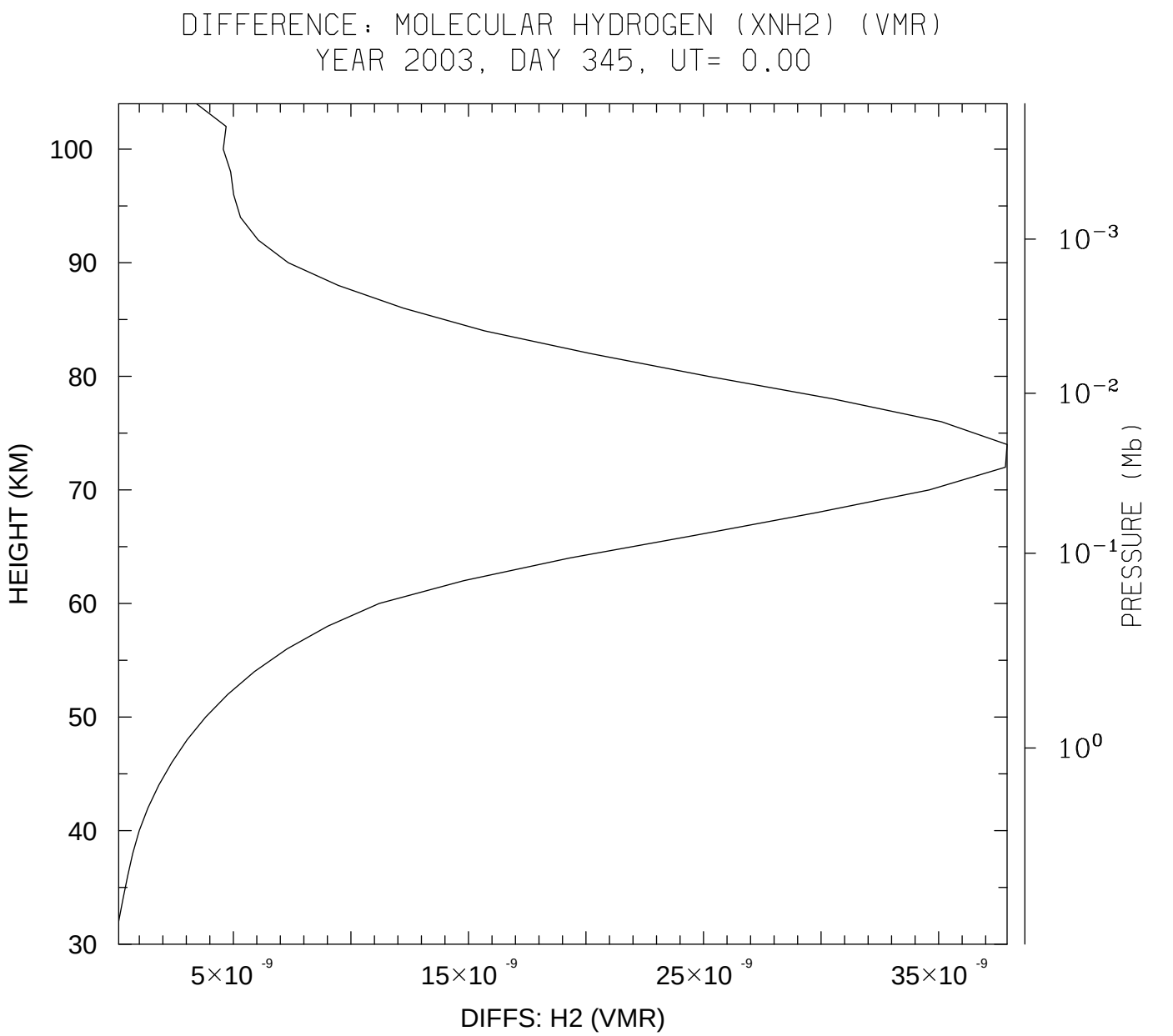
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.3993E-09 0.4066E-08
F107D= 150.00 MINUS F107D= 150.00



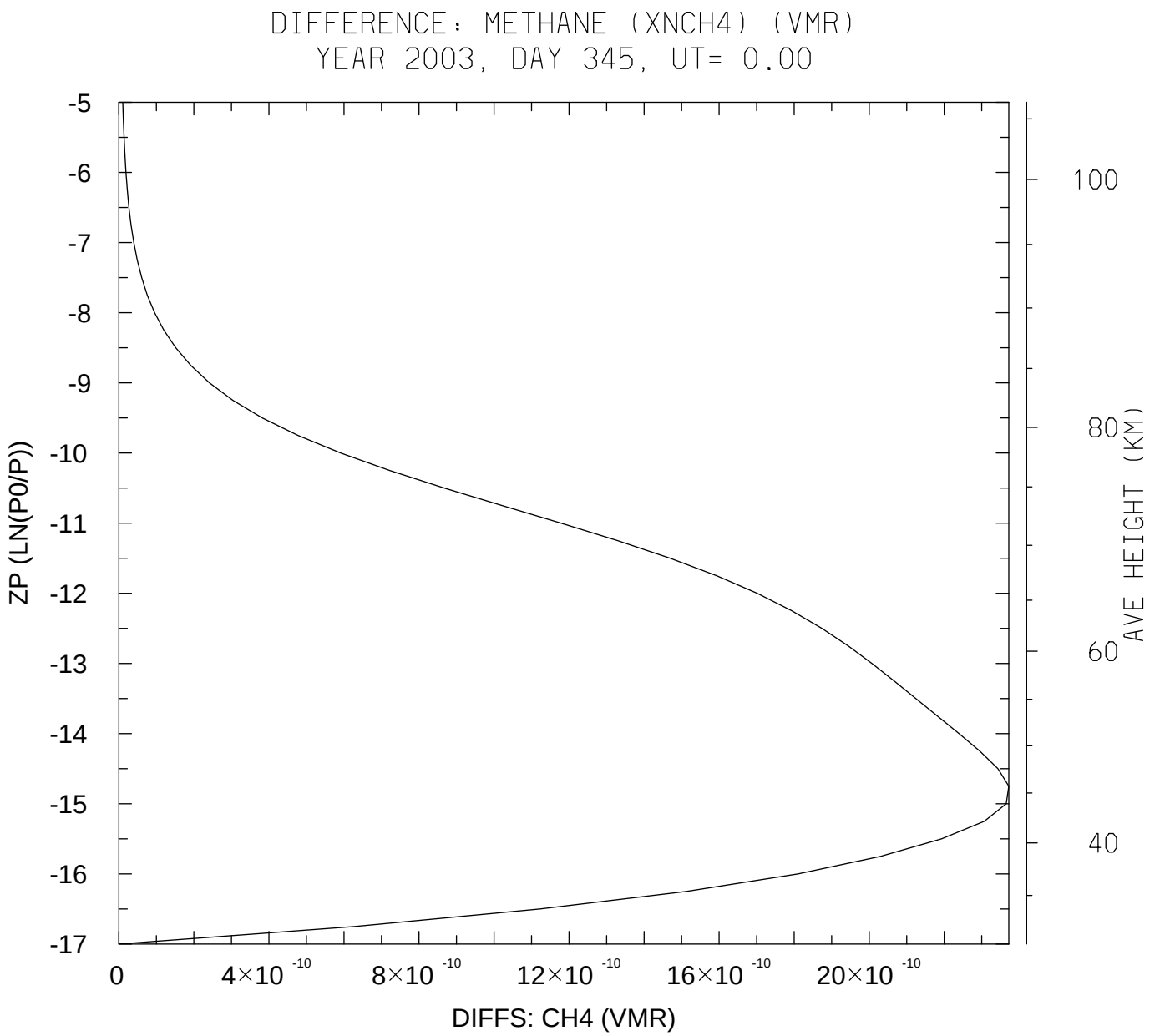
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.1166E-07 0.2033E-07
F107D= 150.00 MINUS F107D= 150.00



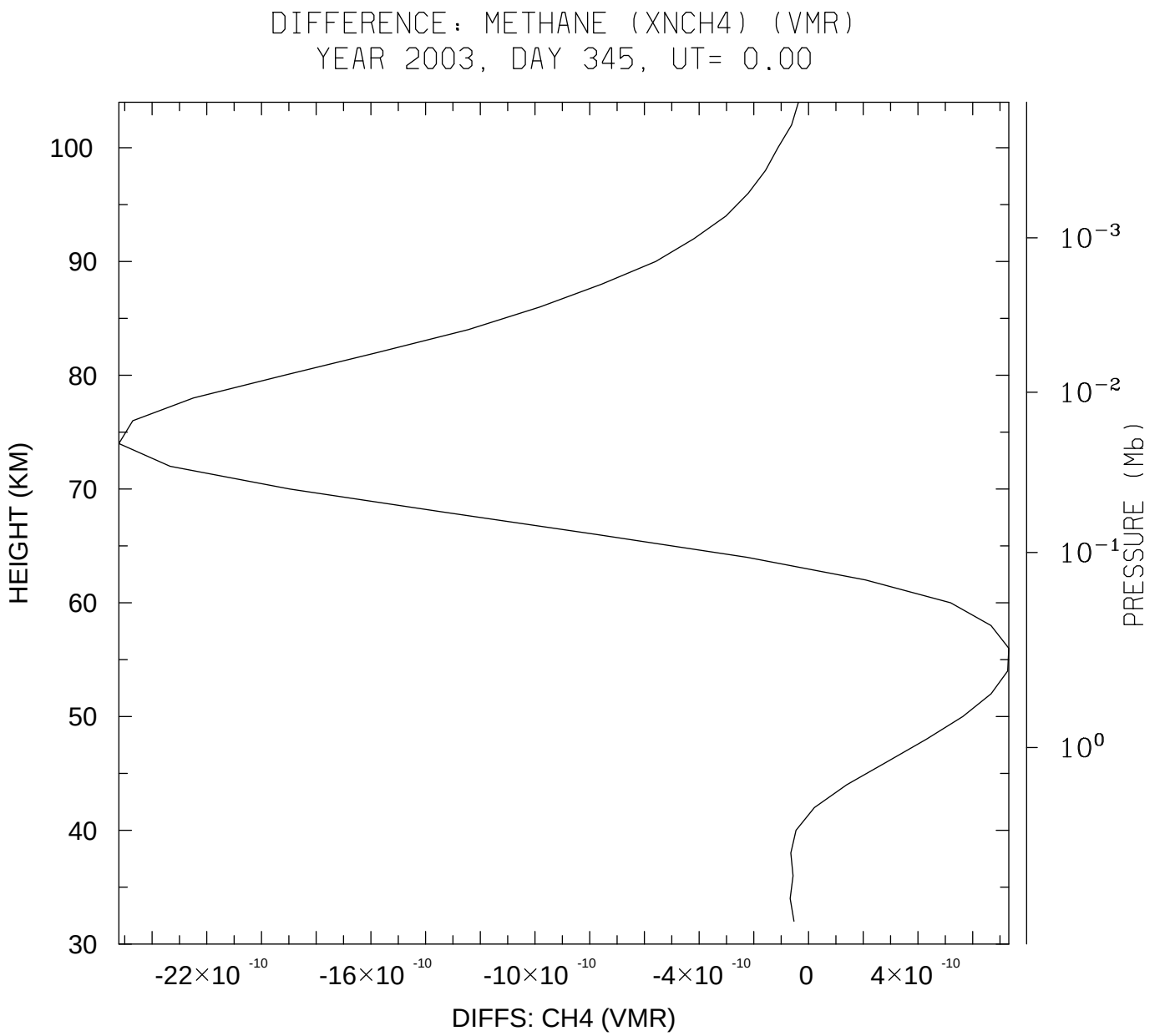
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.1137E-12 0.1296E-08
F107D= 150.00 MINUS F107D= 150.00



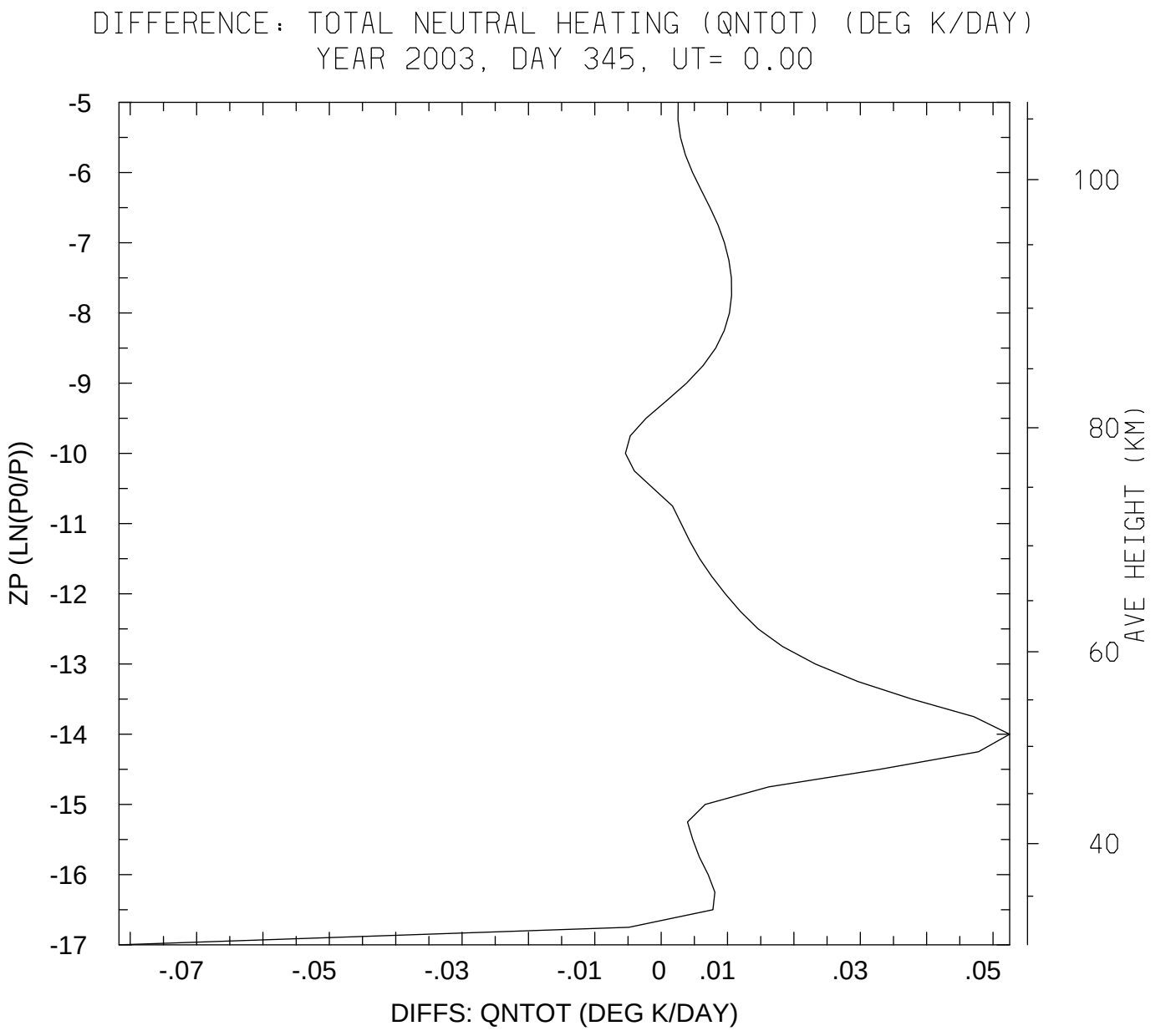
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = 0.1217E-09 0.3791E-07
F107D= 150.00 MINUS F107D= 150.00



ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = 0.0000E+00 0.2372E-08
F107D= 150.00 MINUS F107D= 150.00

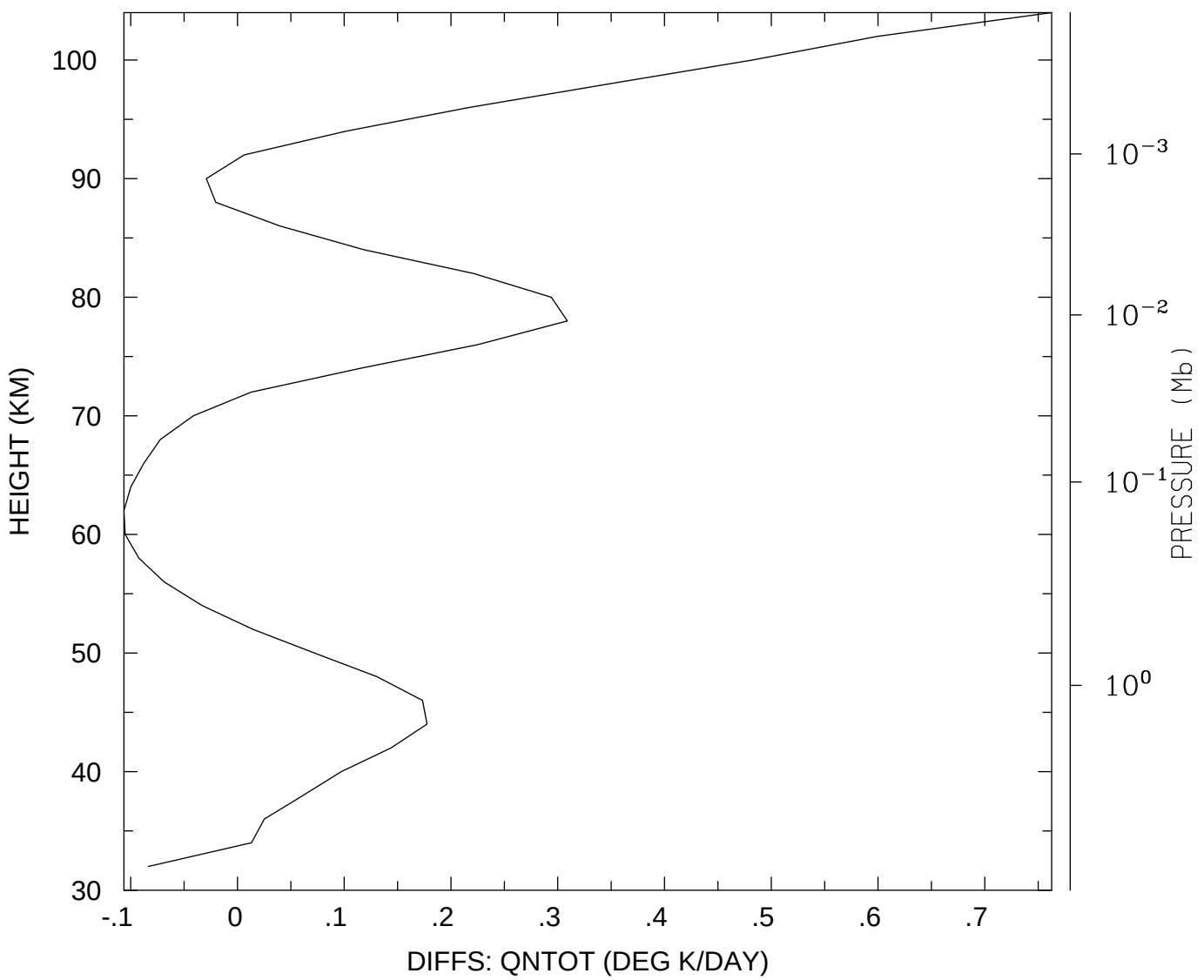


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.2521E-08 0.7322E-09
F107D= 150.00 MINUS F107D= 150.00



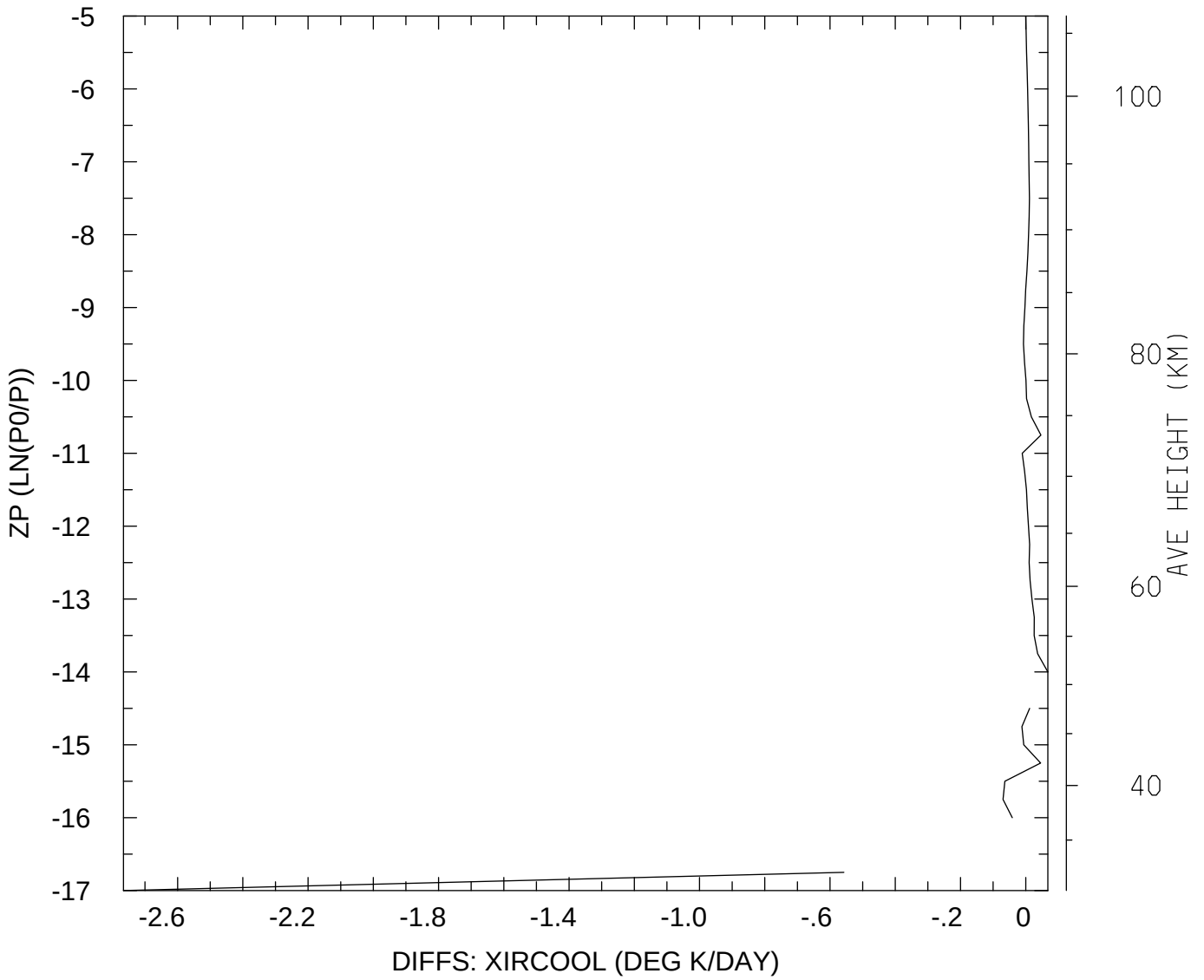
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.8170E-01 0.5252E-01
F107D= 150.00 MINUS F107D= 150.00

DIFFERENCE: TOTAL NEUTRAL HEATING (QNTOT) (DEG K/DAY)
YEAR 2003, DAY 345, UT= 0.00



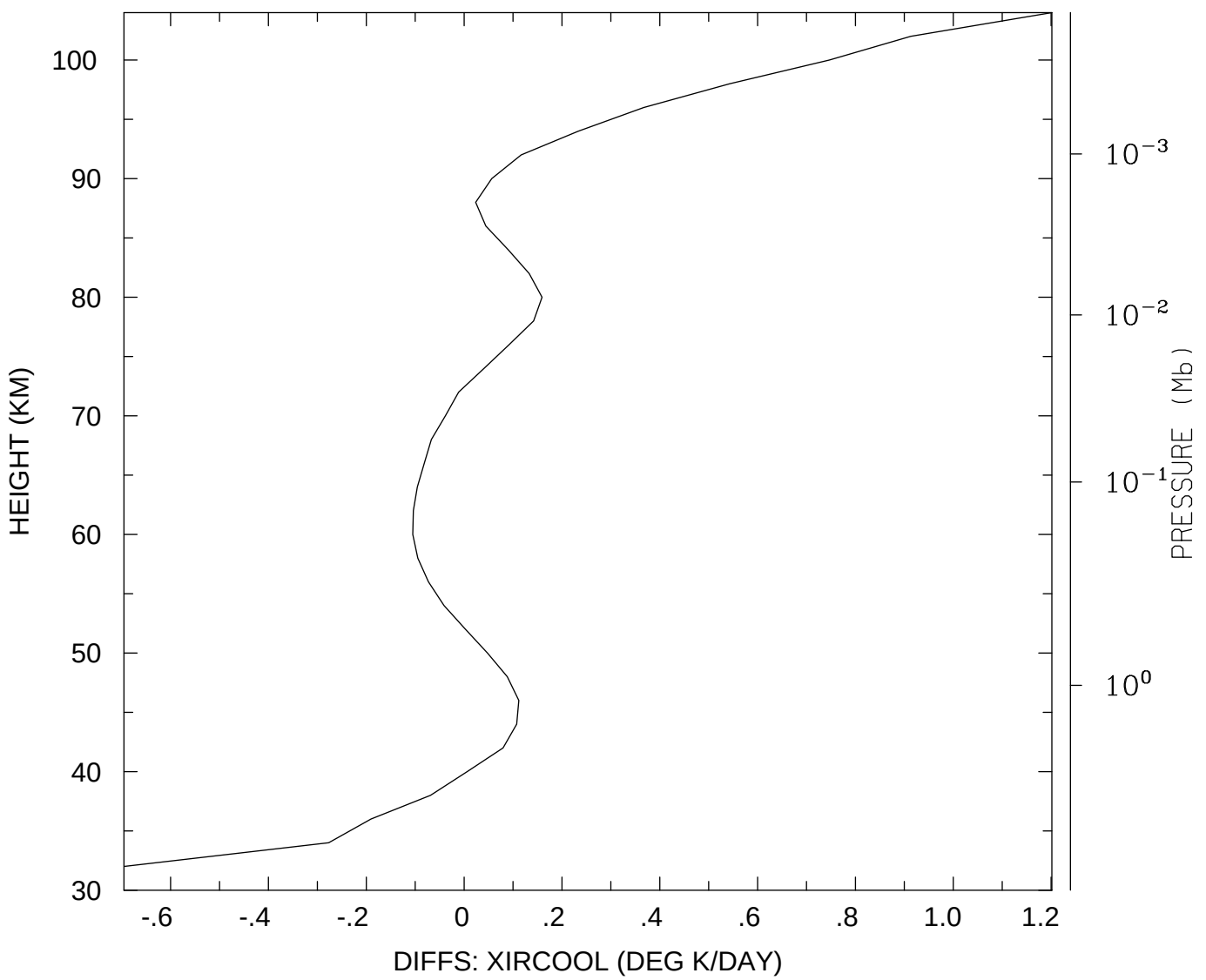
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.1064E+00 0.7627E+00
F107D= 150.00 MINUS F107D= 150.00

DIFFERENCE: TOTAL INFRA-RED COOLING (XIRCOOL) (DEG K/DAY)
YEAR 2003, DAY 345, UT= 0.00

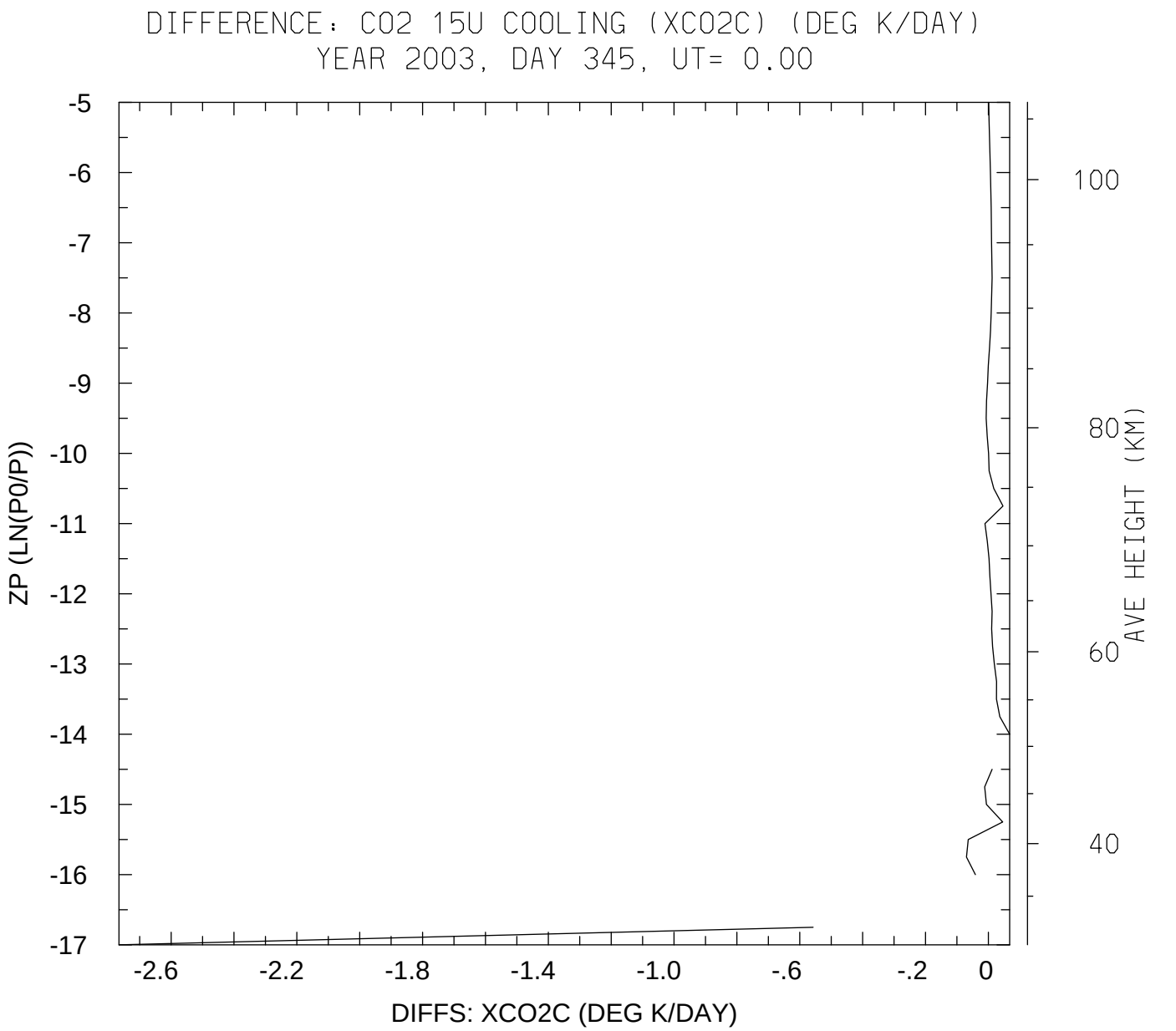


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.2766E+01 0.6786E-01
F107D= 150.00 MINUS F107D= 150.00

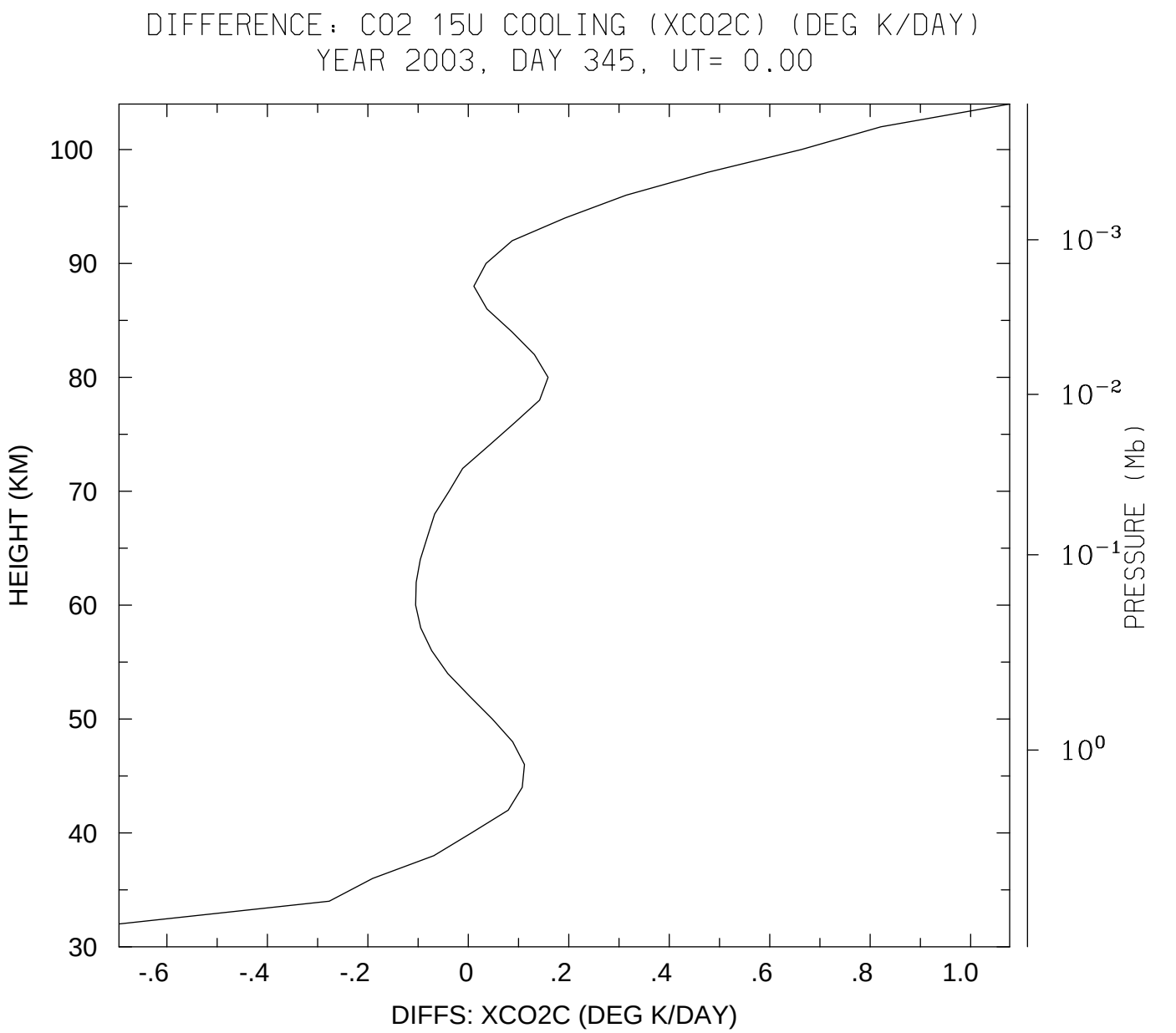
DIFFERENCE: TOTAL INFRA-RED COOLING (XIRCOOL) (DEG K/DAY)
YEAR 2003, DAY 345, UT= 0.00



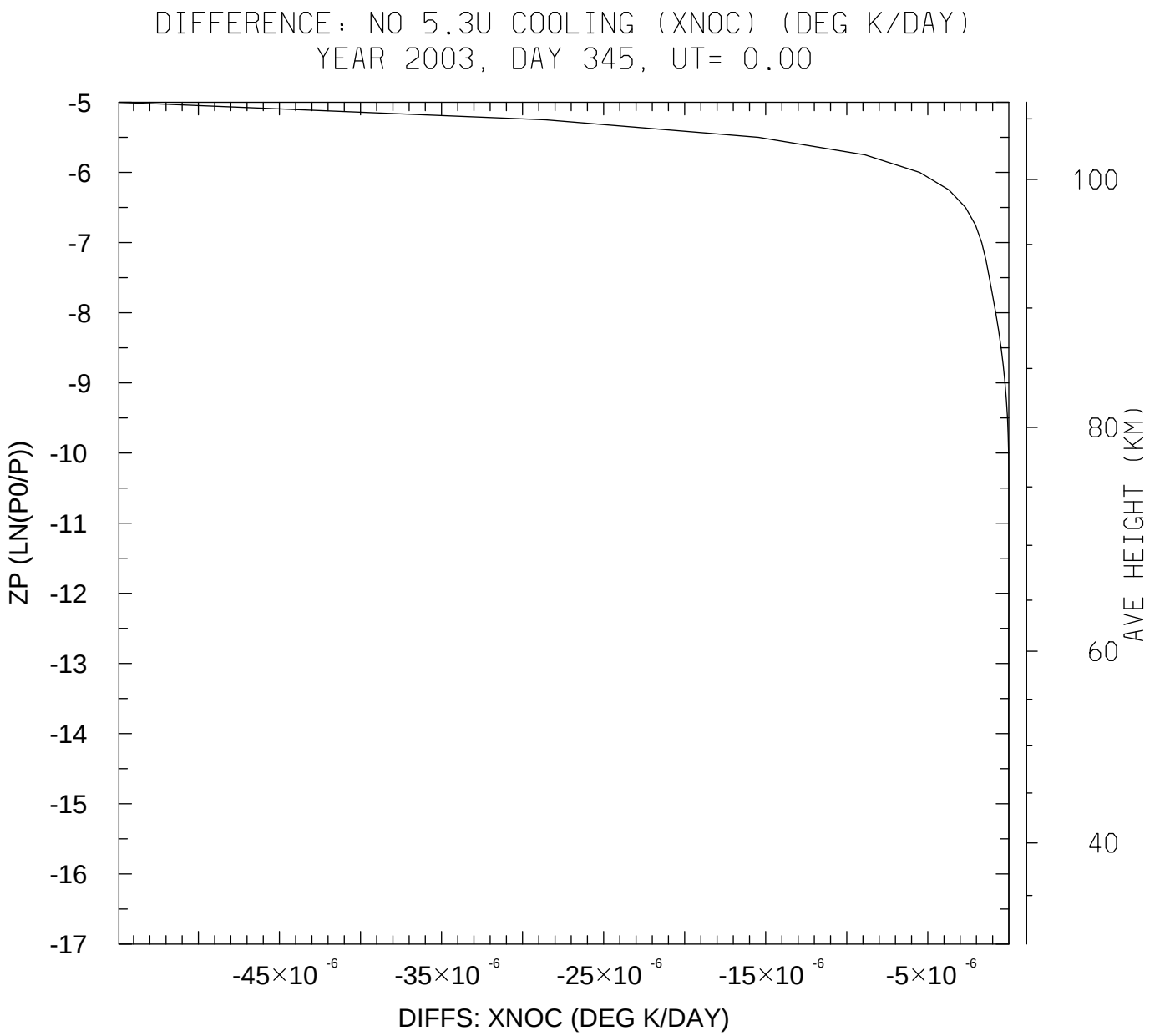
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.6955E+00 0.1202E+01
F107D= 150.00 MINUS F107D= 150.00



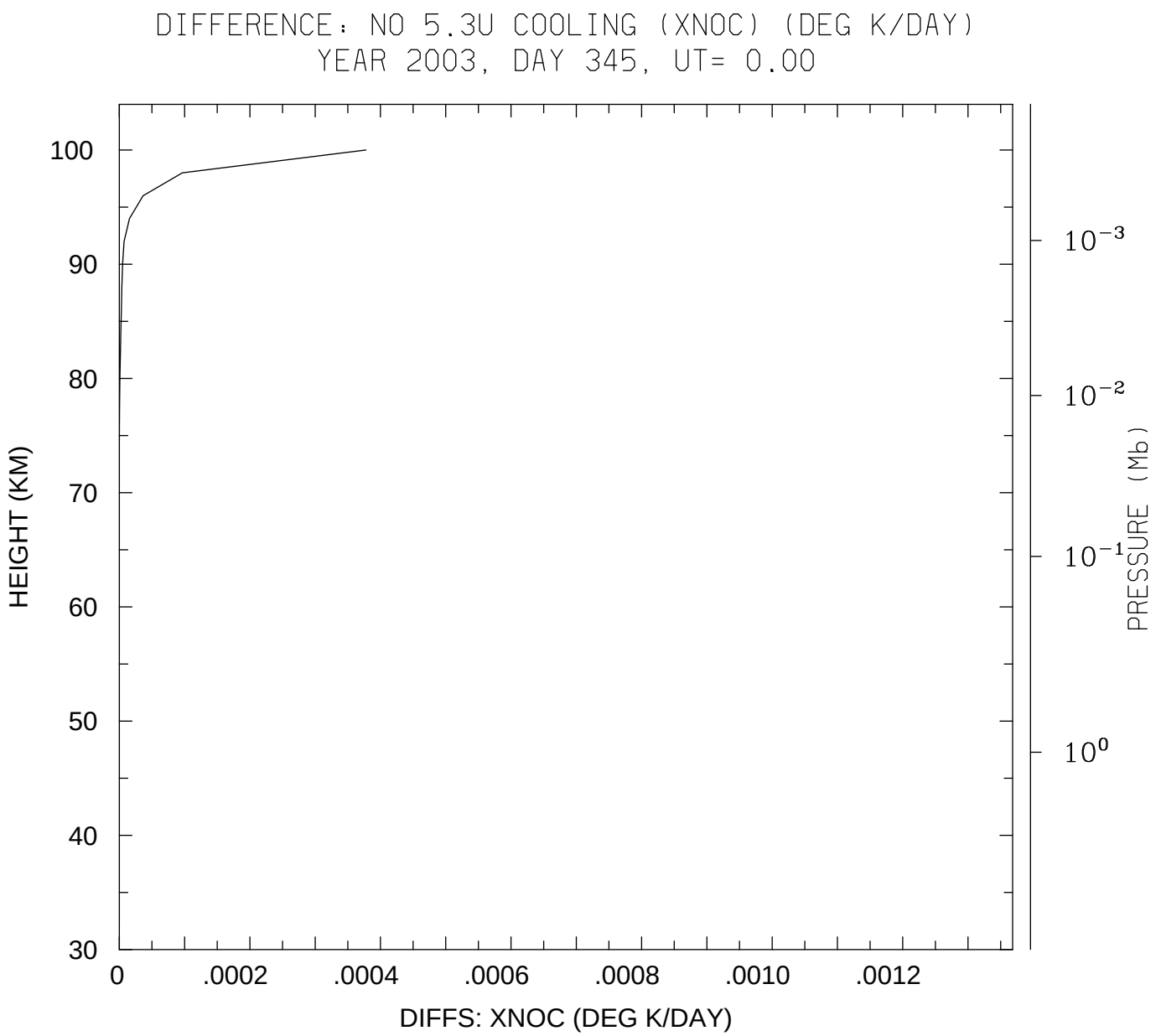
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.2766E+01 0.6786E-01
F107D= 150.00 MINUS F107D= 150.00



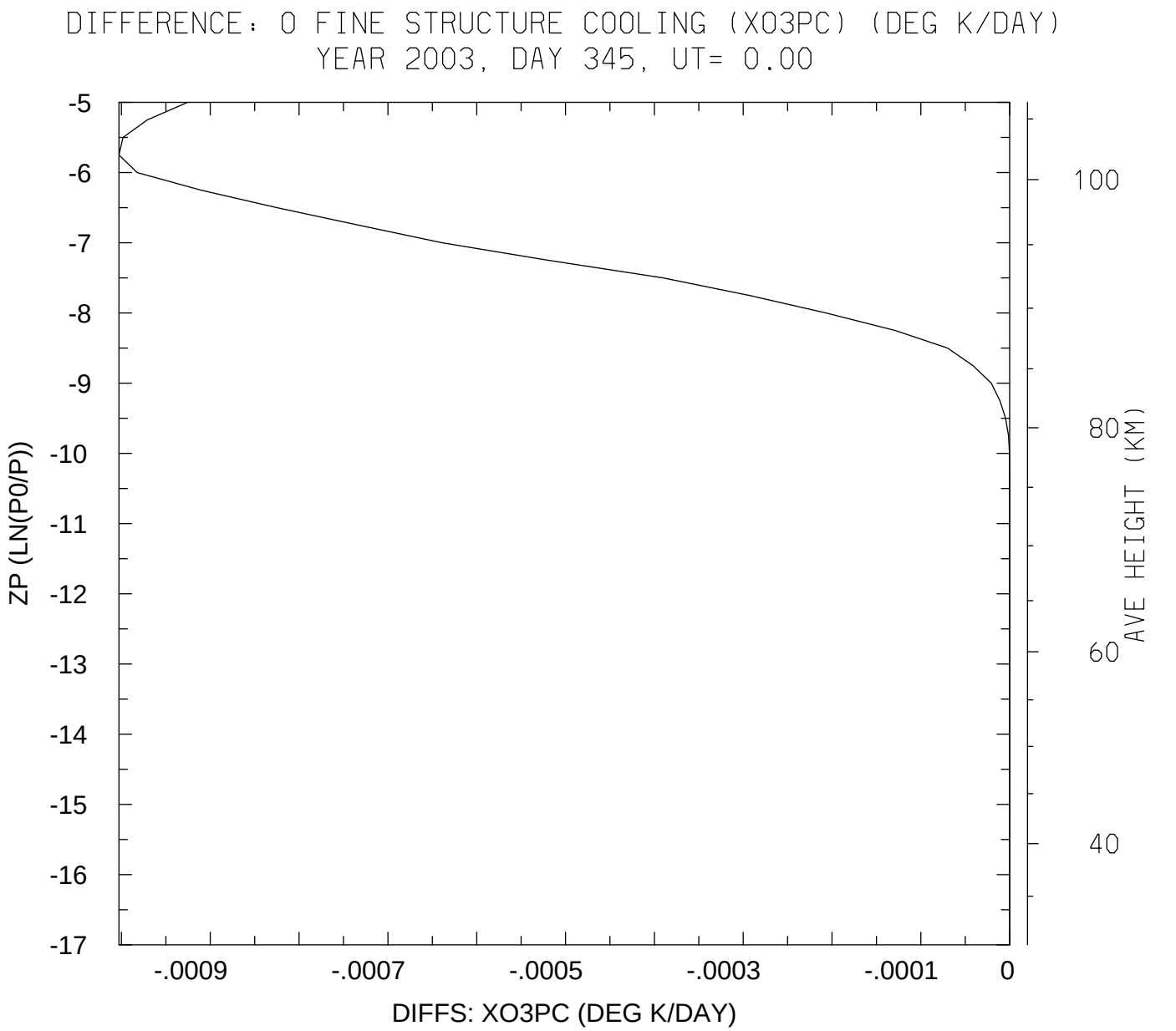
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.6955E+00 0.1078E+01
F107D= 150.00 MINUS F107D= 150.00



ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.5491E-04 -0.1555E-09
F107D= 150.00 MINUS F107D= 150.00

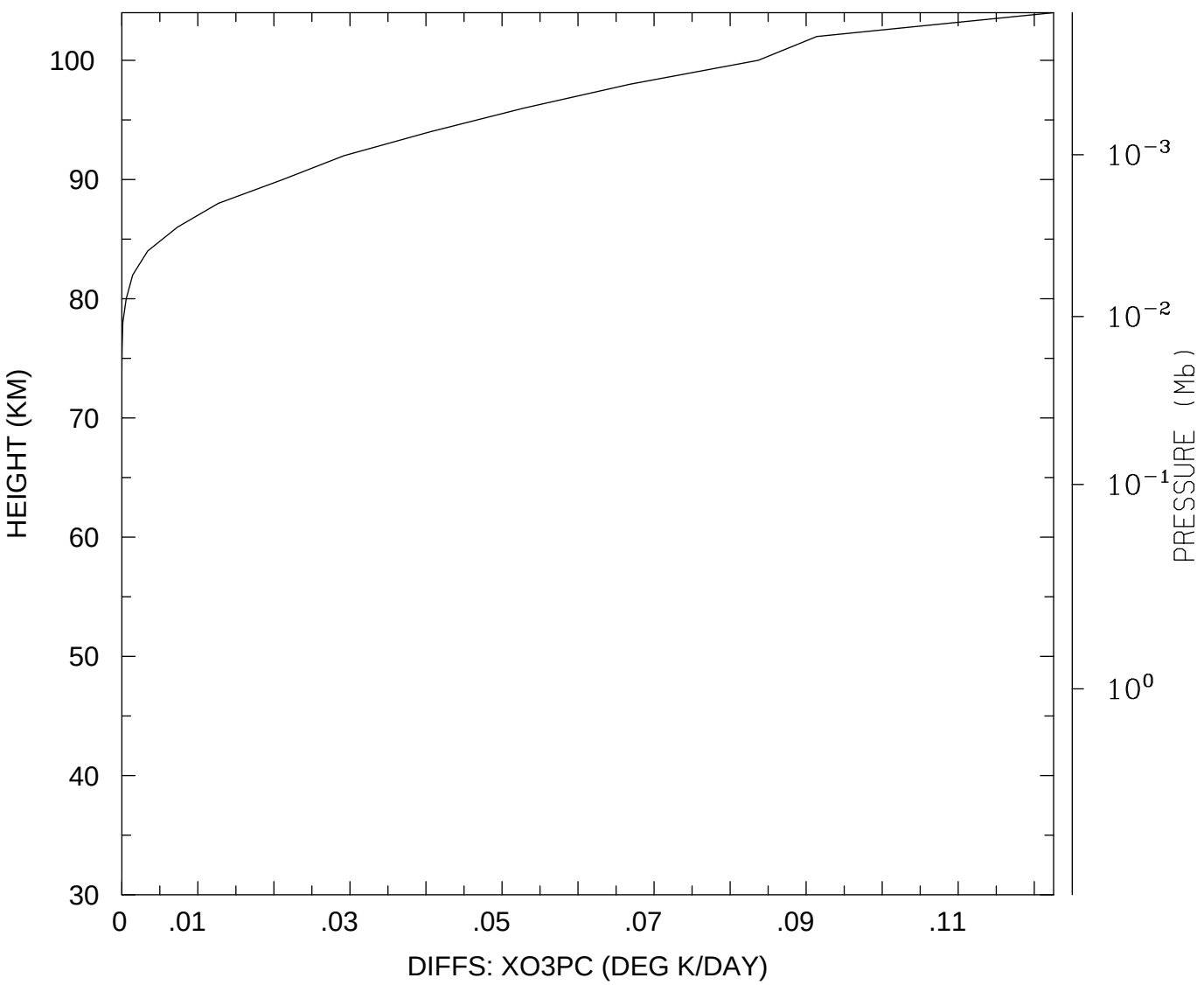


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.1759E-07 0.1368E-02
F107D= 150.00 MINUS F107D= 150.00

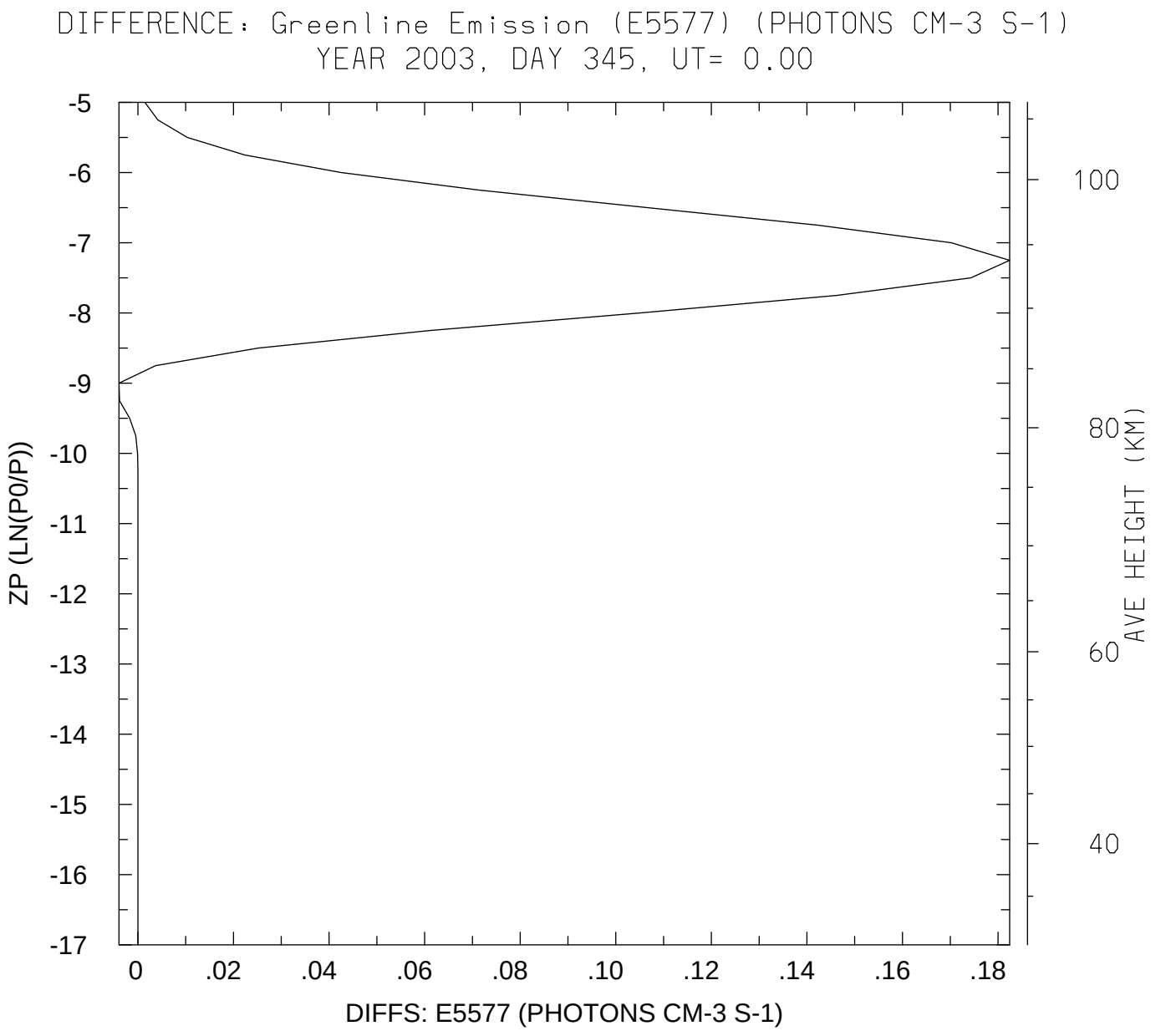


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.1003E-02 -0.4123E-11
F107D= 150.00 MINUS F107D= 150.00

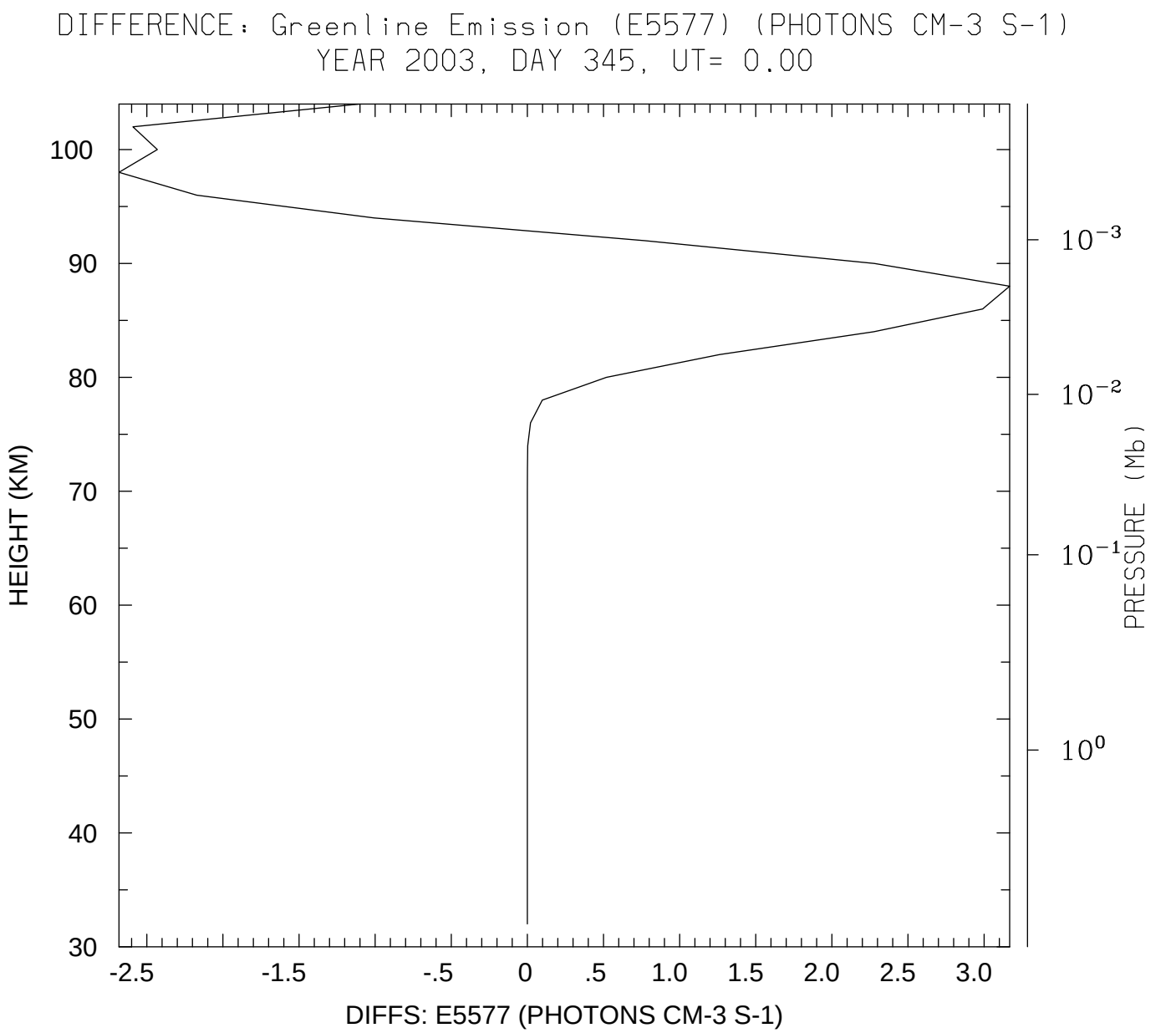
DIFFERENCE: O FINE STRUCTURE COOLING (XO3PC) (DEG K/DAY)
YEAR 2003, DAY 345, UT= 0.00



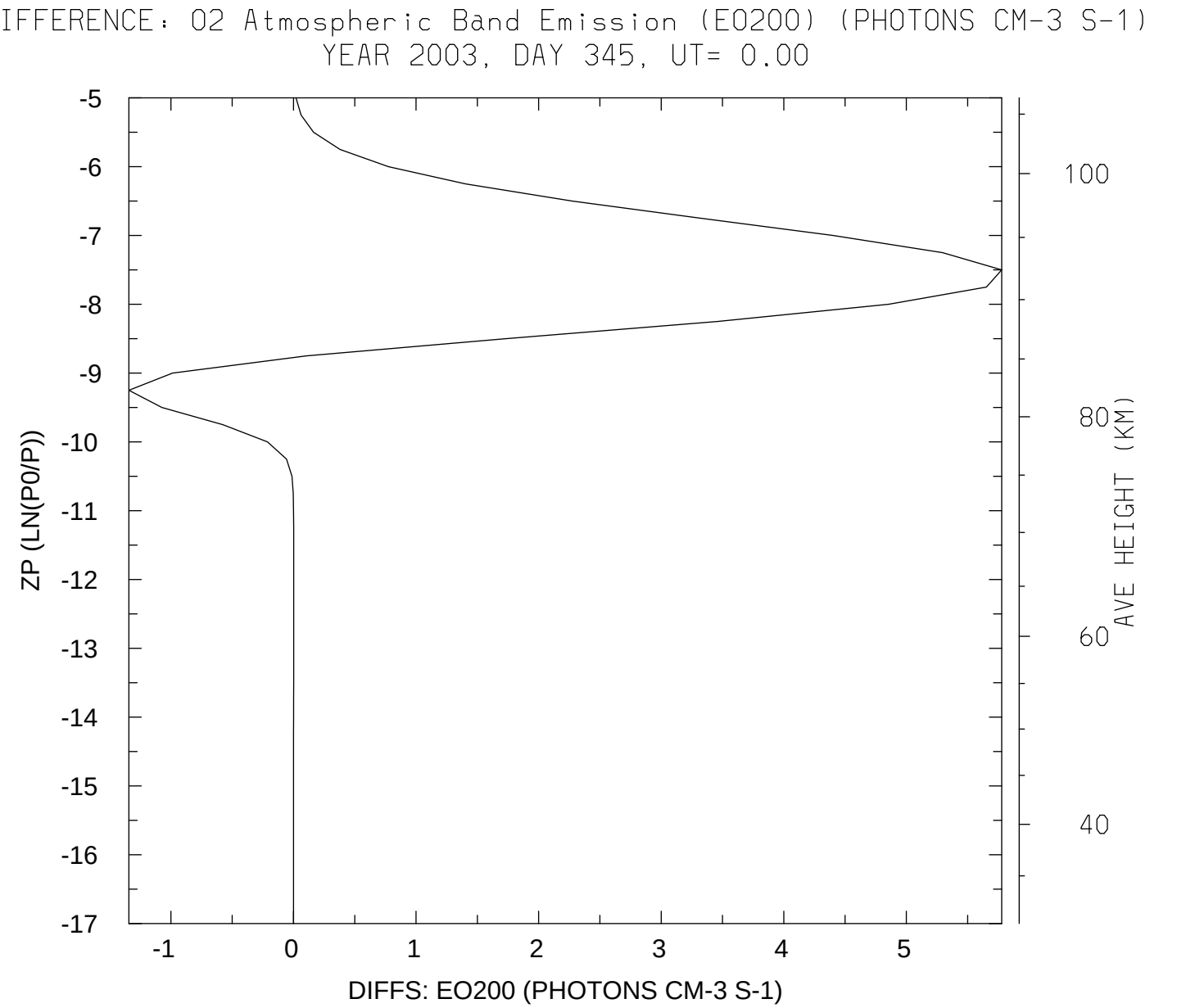
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.6497E-11 0.1225E+00
F107D= 150.00 MINUS F107D= 150.00



ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.3964E-02 0.1824E+00
F107D= 150.00 MINUS F107D= 150.00

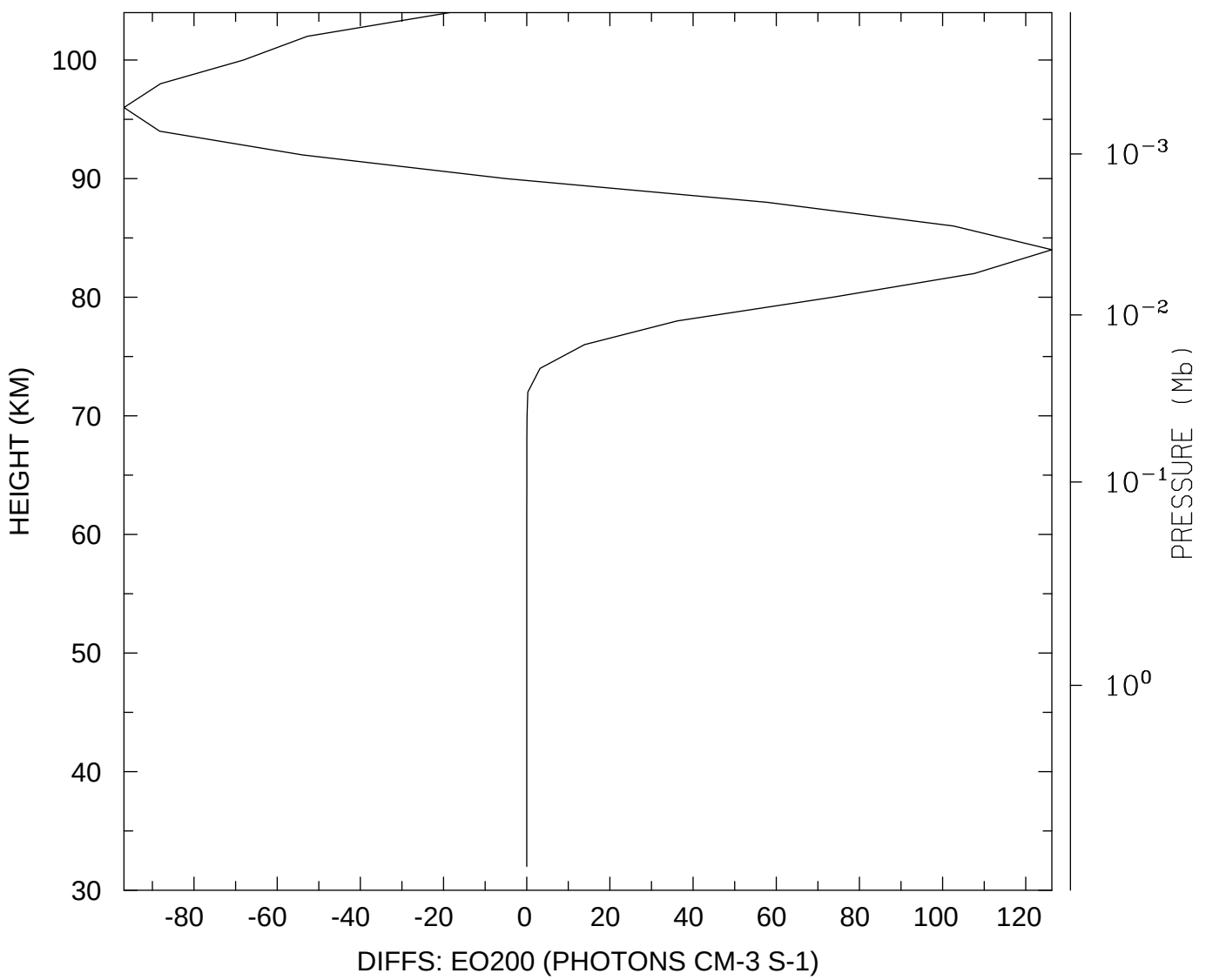


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.2683E+01 0.3168E+01
F107D= 150.00 MINUS F107D= 150.00

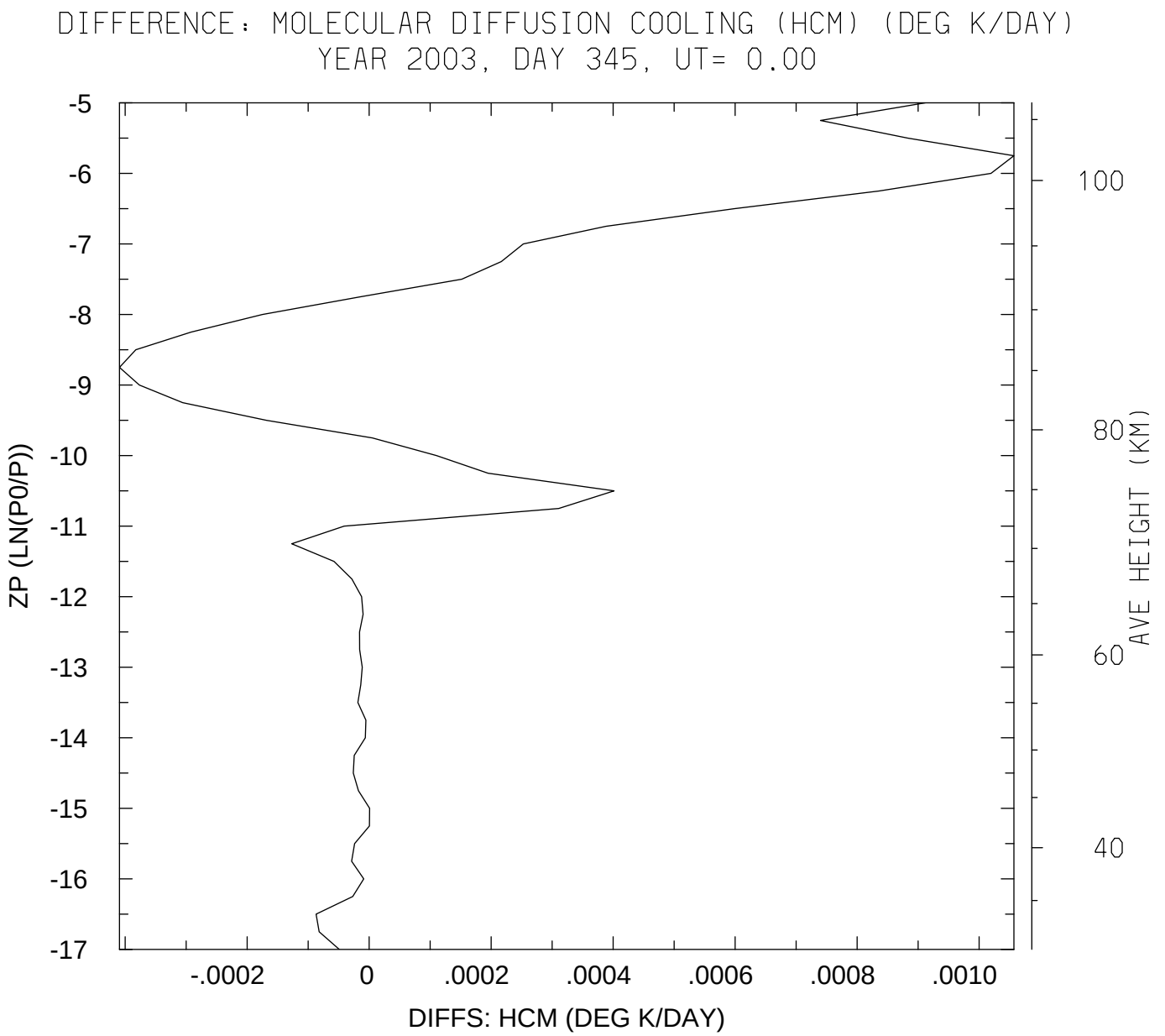


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.1343E+01 0.5778E+01
F107D= 150.00 MINUS F107D= 150.00

IFFERENCE: O2 Atmospheric Band Emission (EO200) (PHOTONS CM-3 S-1)
YEAR 2003, DAY 345, UT= 0.00

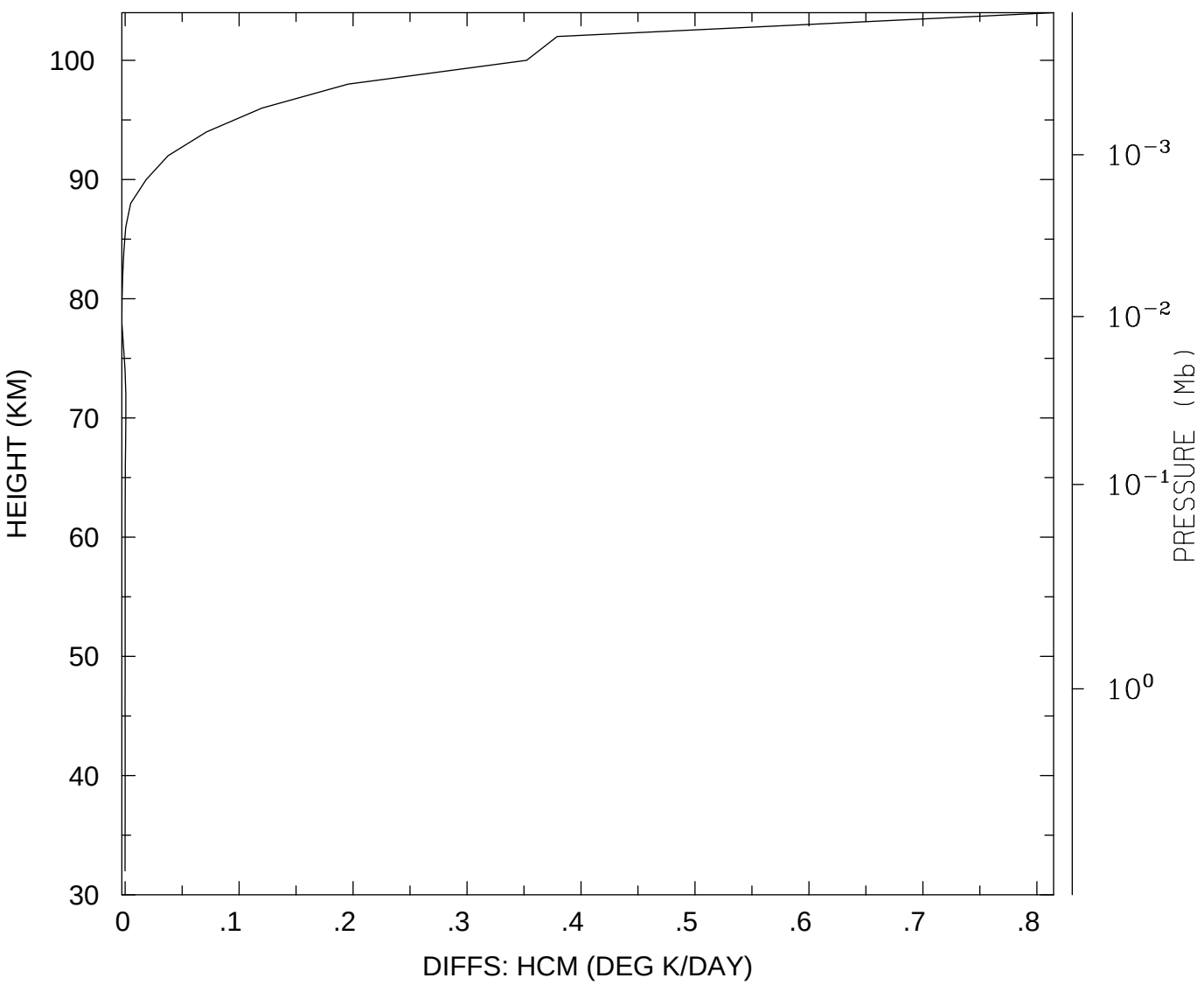


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.9685E+02 0.1263E+03
F107D= 150.00 MINUS F107D= 150.00



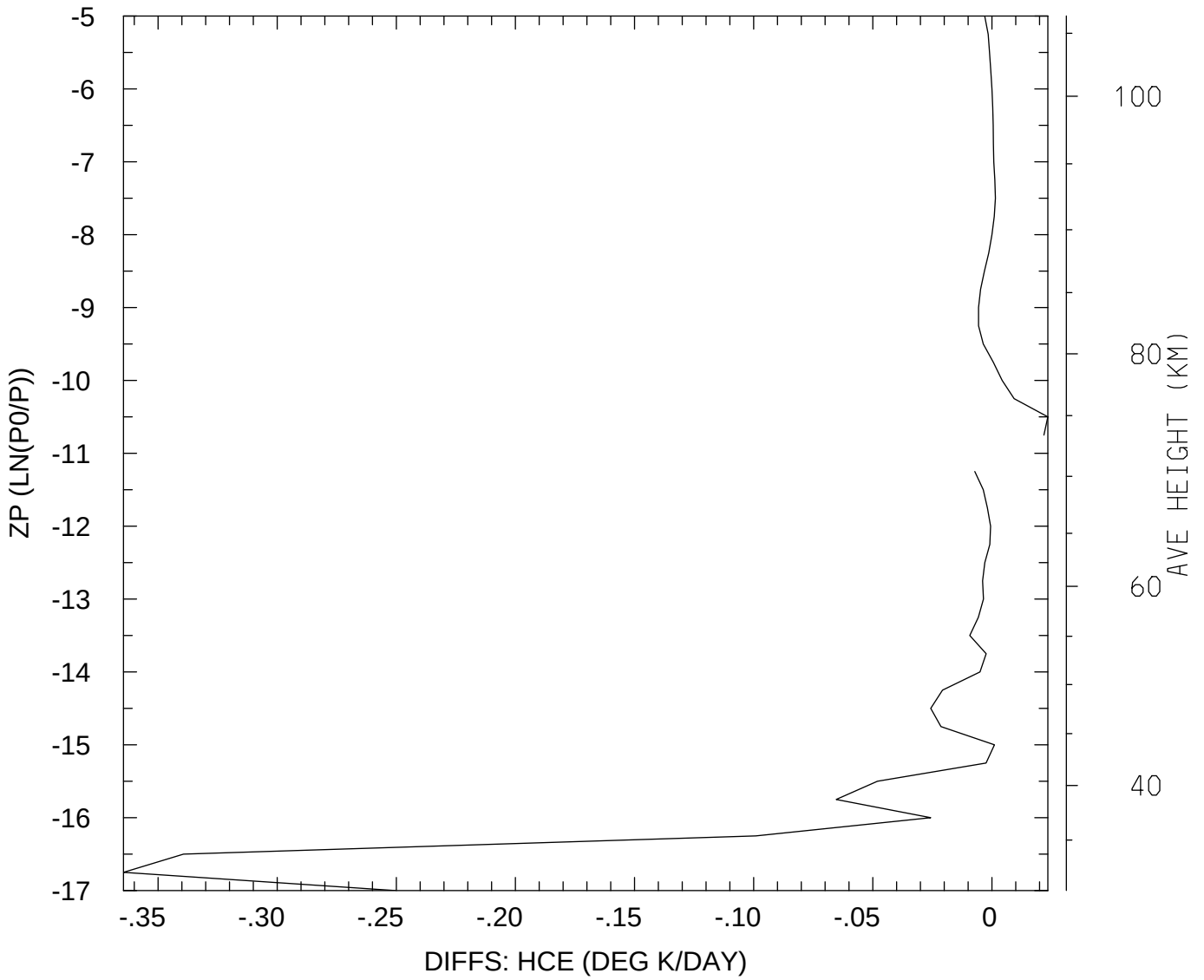
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.4093E-03 0.1057E-02
F107D= 150.00 MINUS F107D= 150.00

DIFFERENCE: MOLECULAR DIFFUSION COOLING (HCM) (DEG K/DAY)
YEAR 2003, DAY 345, UT= 0.00



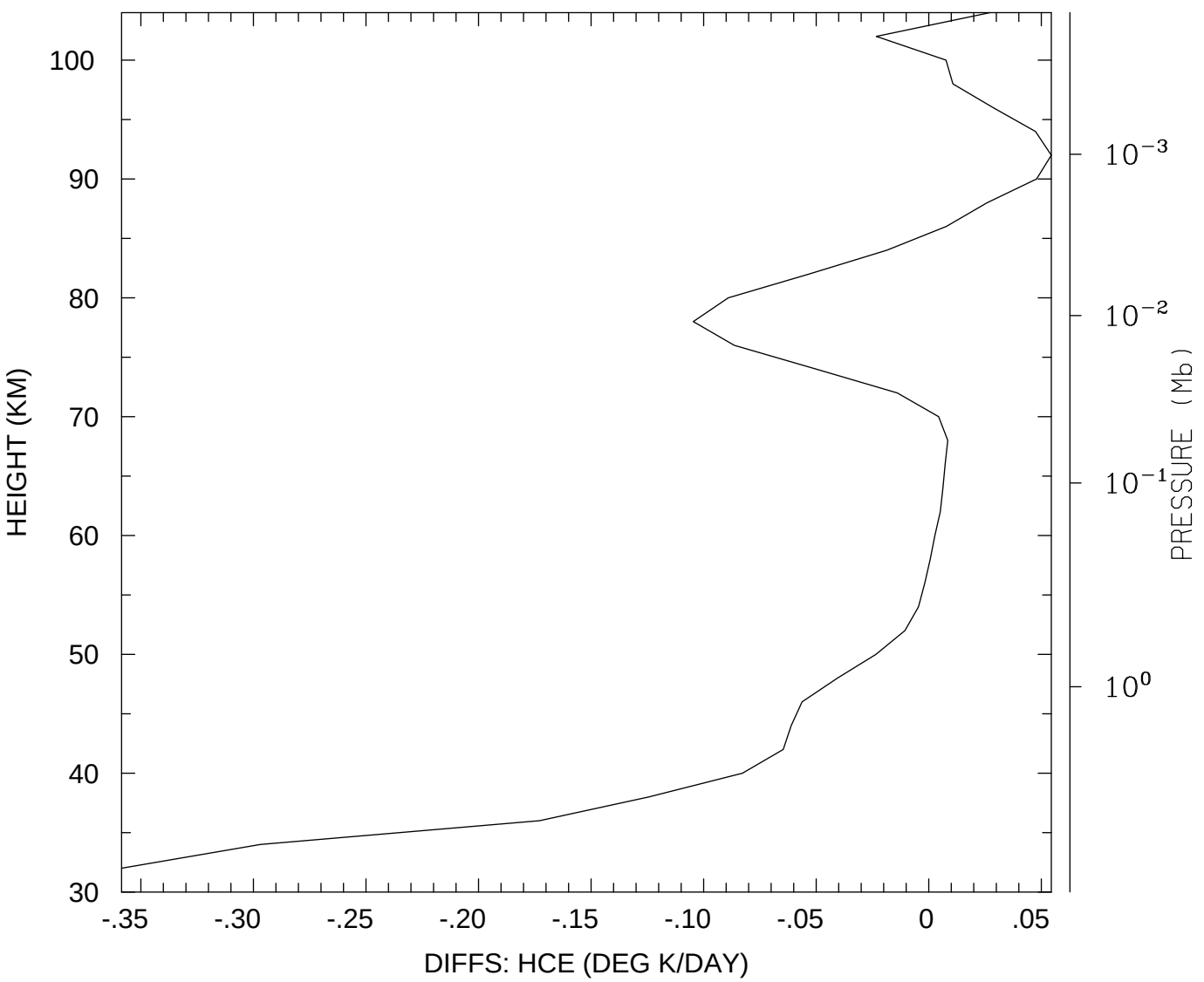
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.2898E-02 0.8147E+00
F107D= 150.00 MINUS F107D= 150.00

DIFFERENCE: EDDY DIFFUSION COOLING (HCE) (DEG K/DAY)
YEAR 2003, DAY 345, UT= 0.00

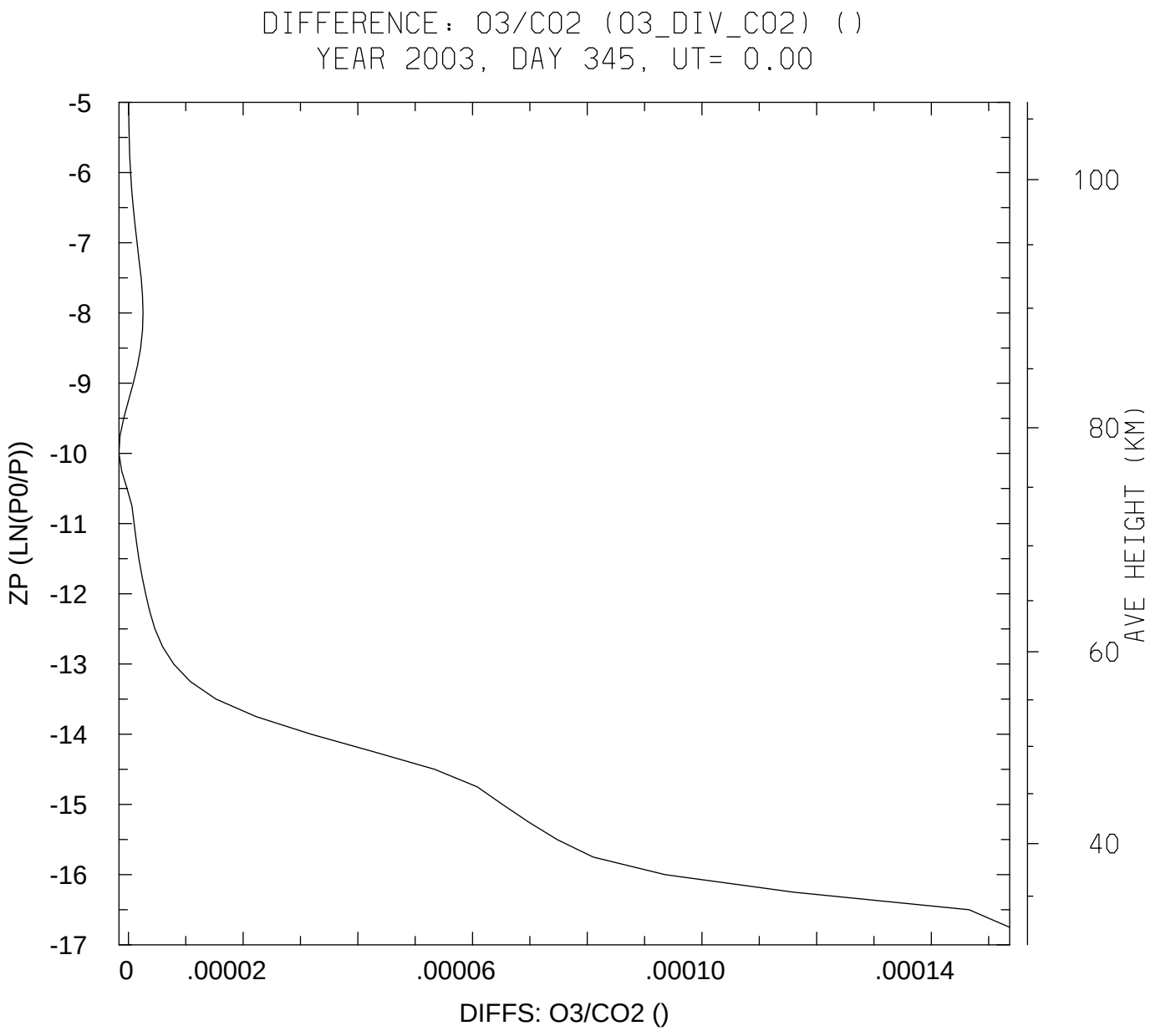


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.3645E+00 0.2349E-01
F107D= 150.00 MINUS F107D= 150.00

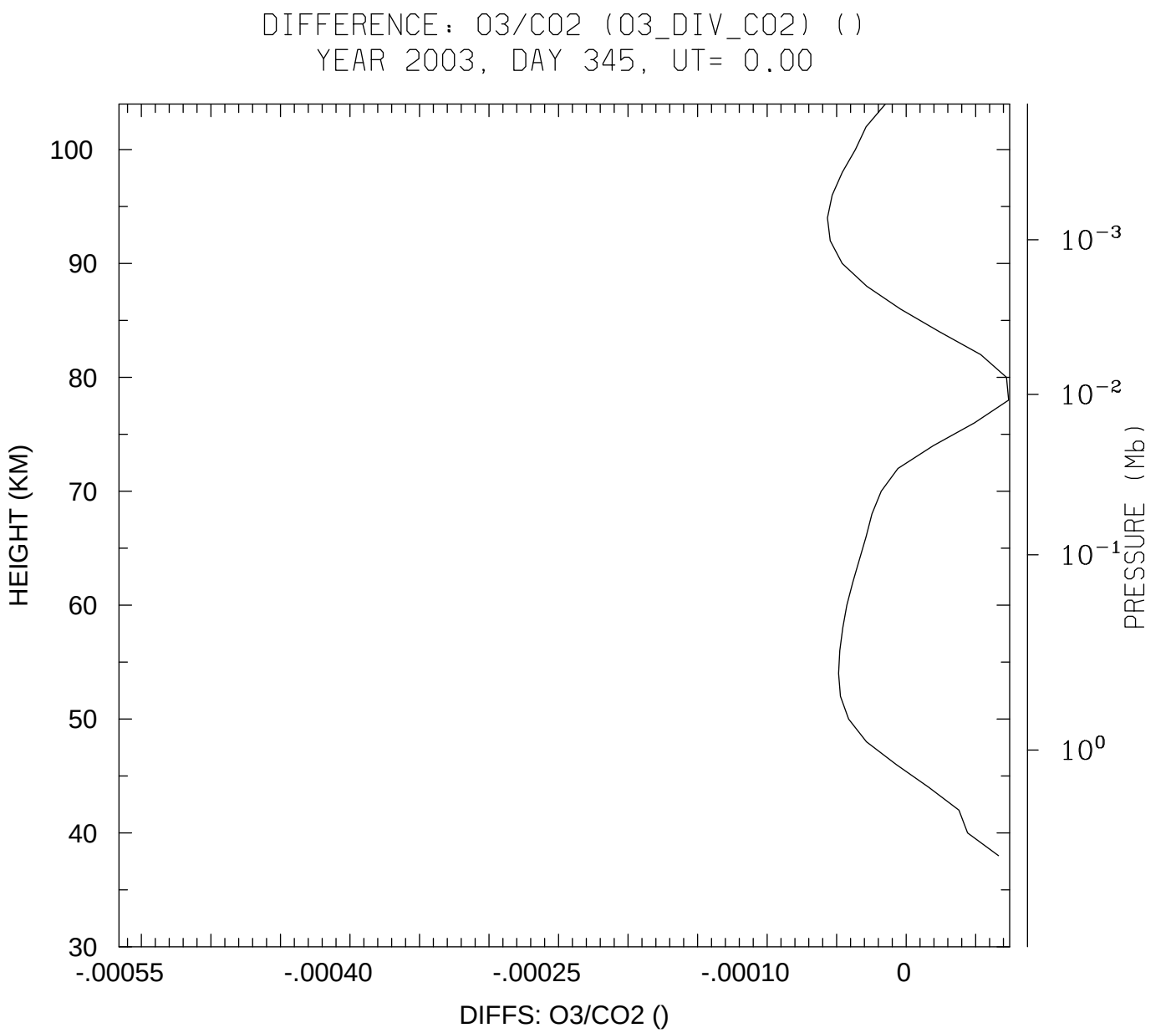
DIFFERENCE: EDDY DIFFUSION COOLING (HCE) (DEG K/DAY)
YEAR 2003, DAY 345, UT= 0.00



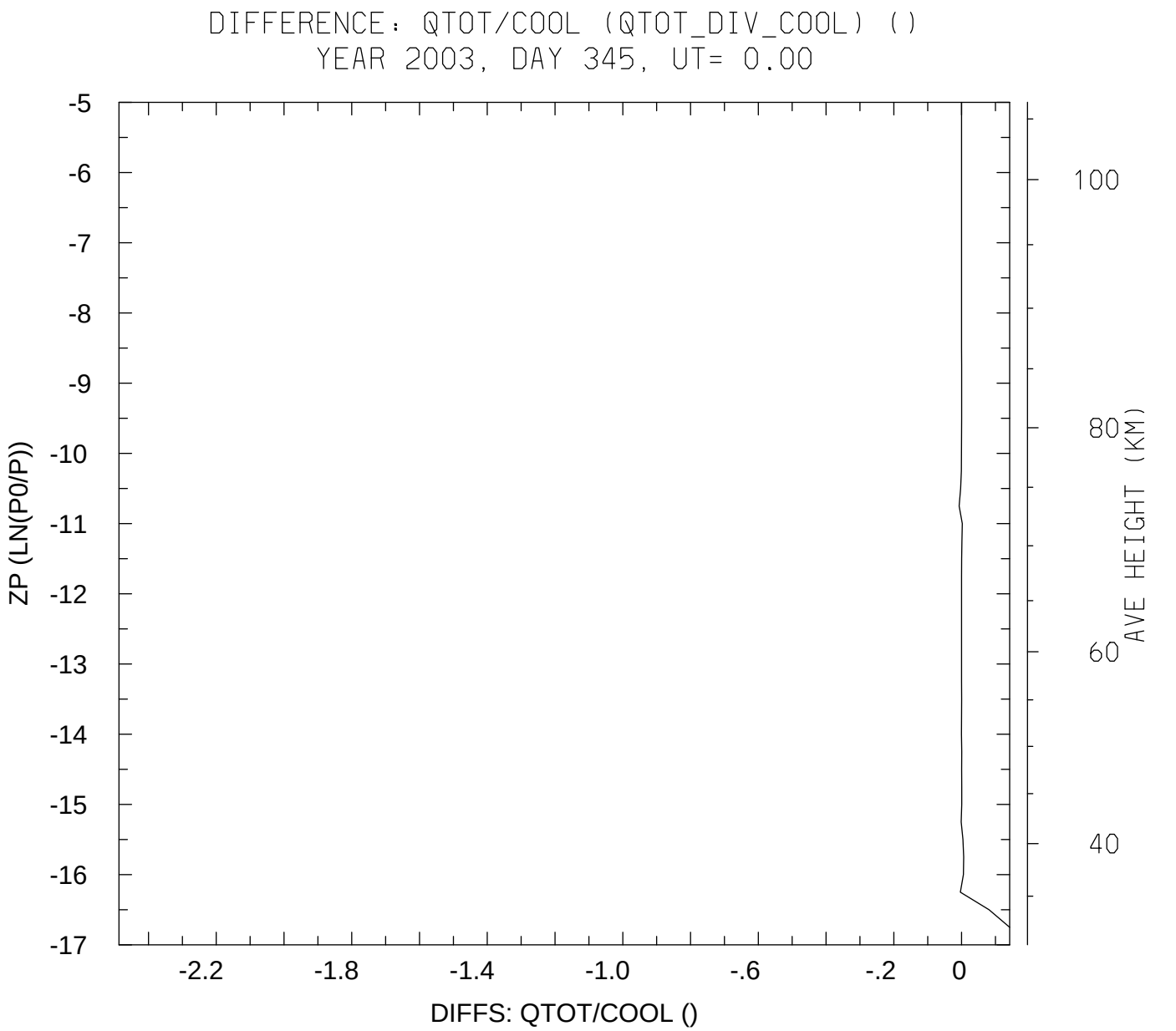
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.3586E+00 0.5446E-01
F107D= 150.00 MINUS F107D= 150.00



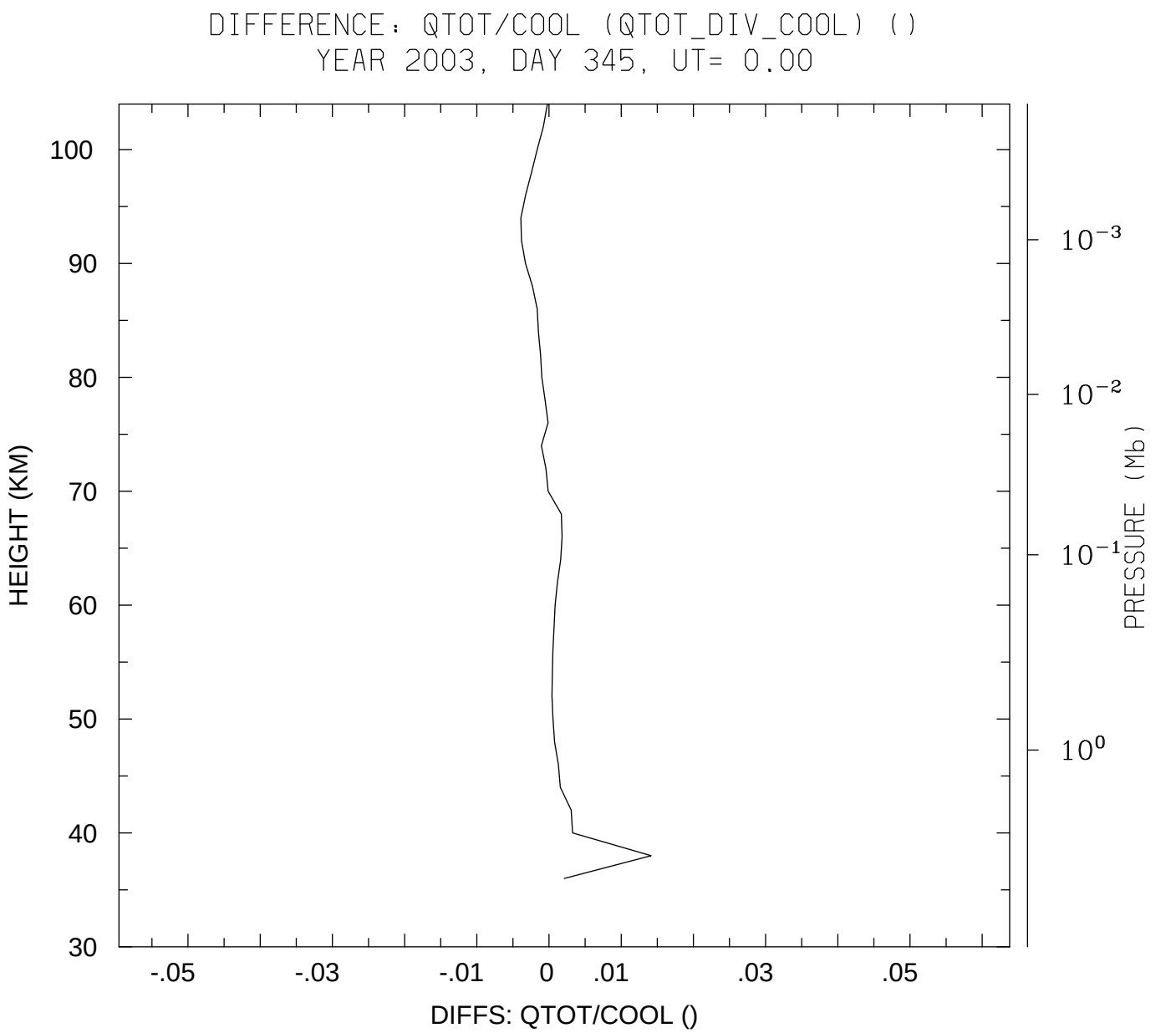
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.1650E-05 0.1537E-03
F107D= 150.00 MINUS F107D= 150.00



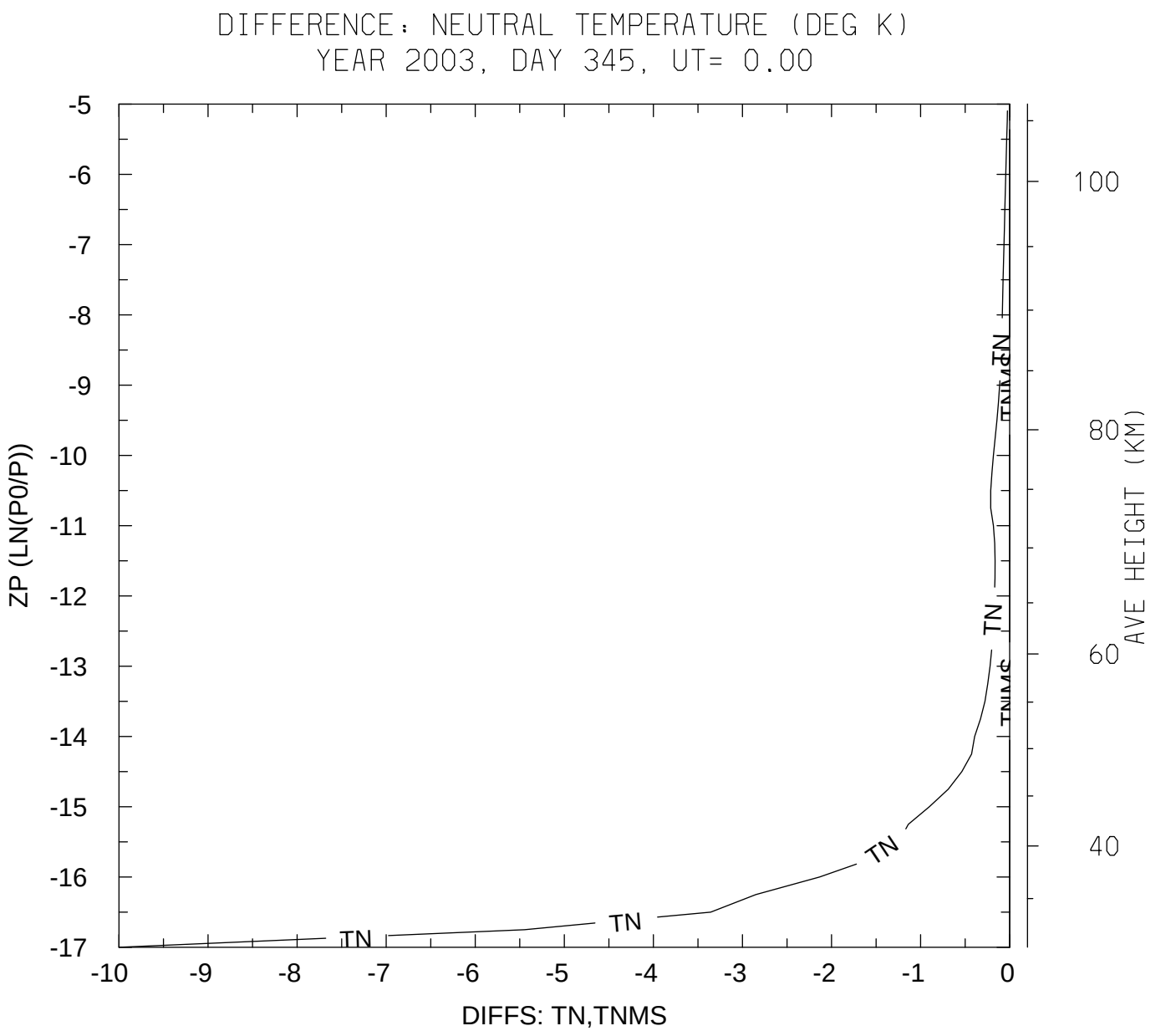
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.5661E-03 0.7447E-04
F107D= 150.00 MINUS F107D= 150.00



ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX (DIFFS) = -0.2487E+01 0.1420E+00
F107D= 150.00 MINUS F107D= 150.00

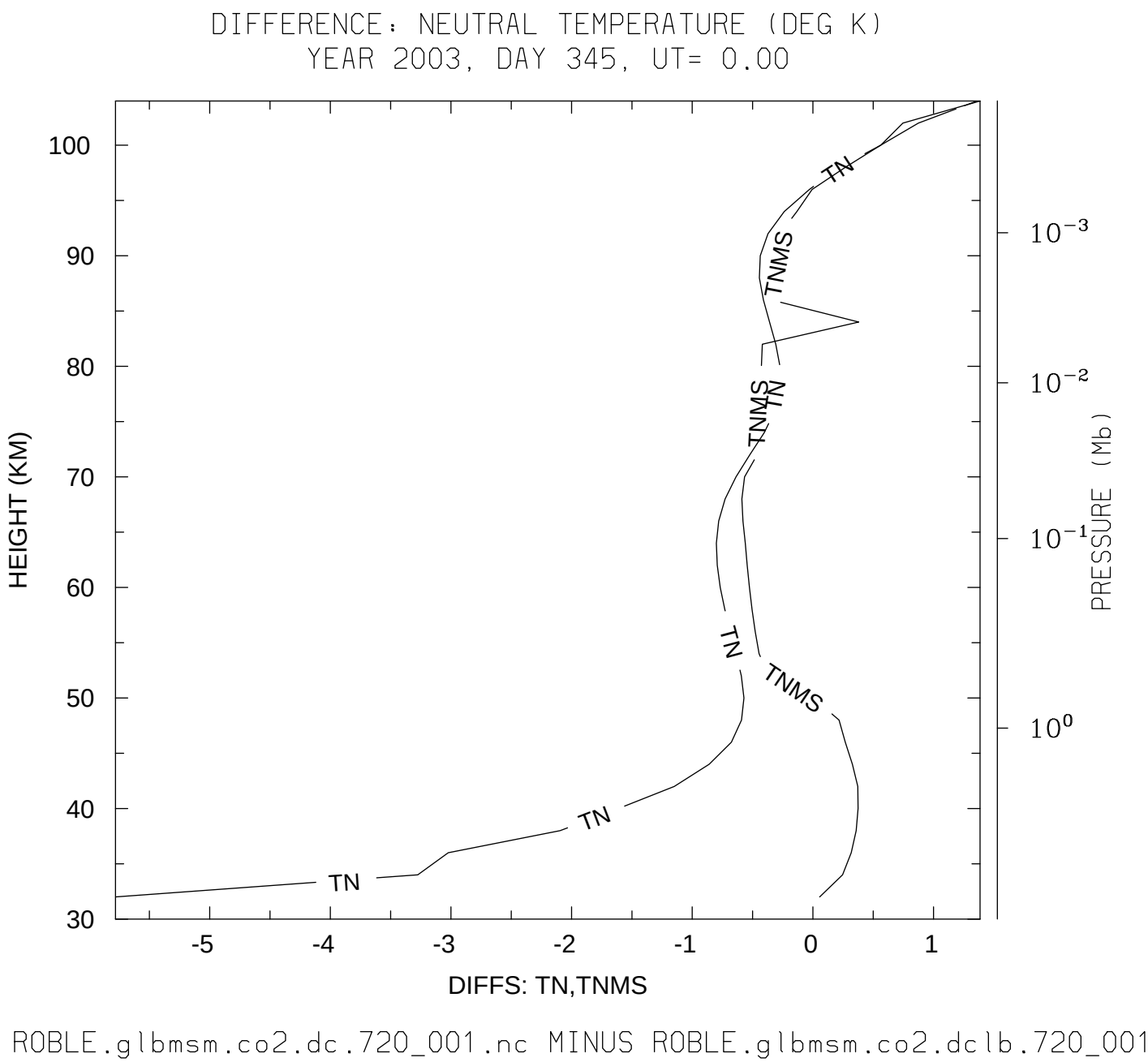


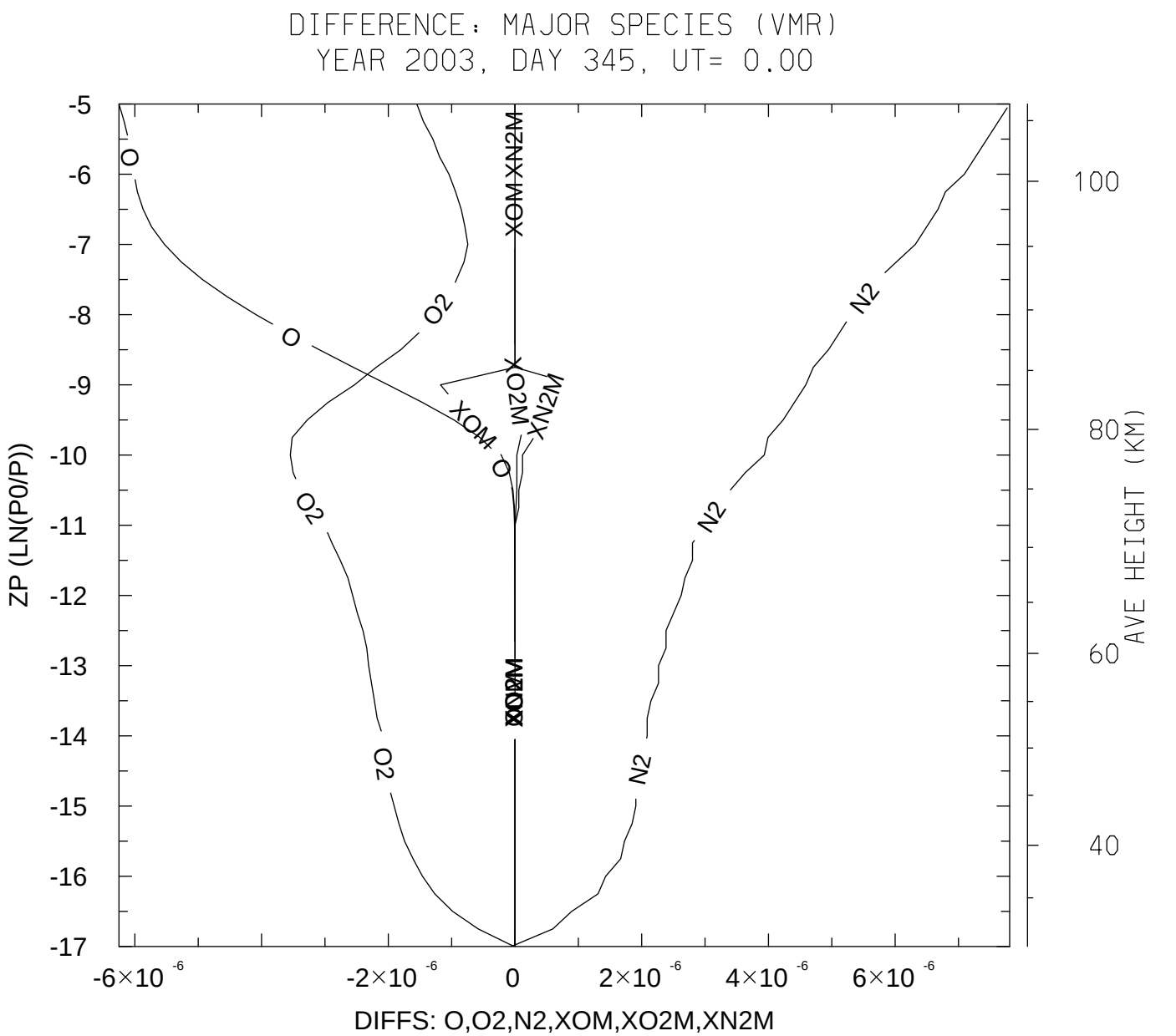
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
MIN,MAX = -0.5956E-01 0.6381E-01
F107D= 150.00 MINUS F107D= 150.00

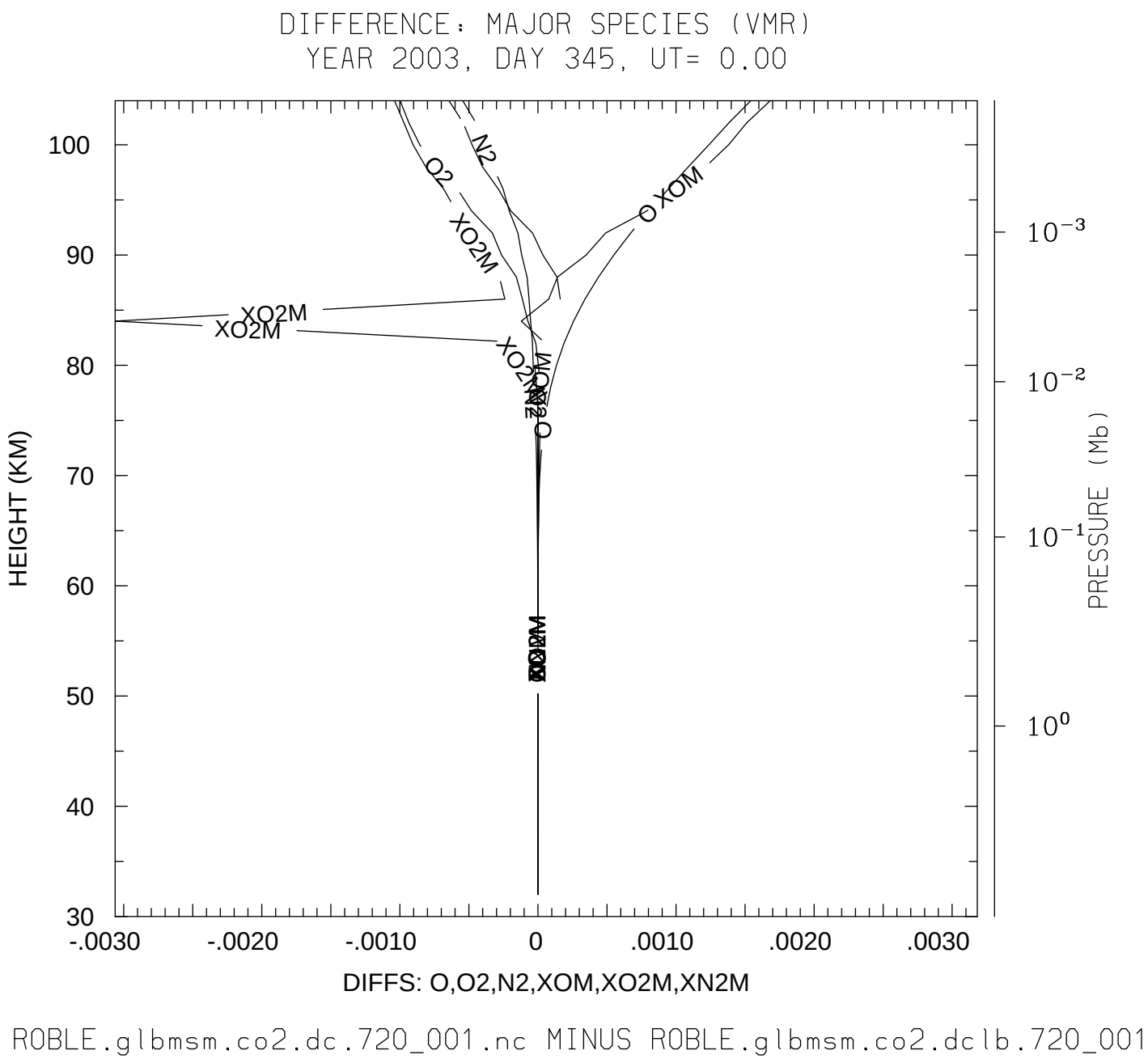


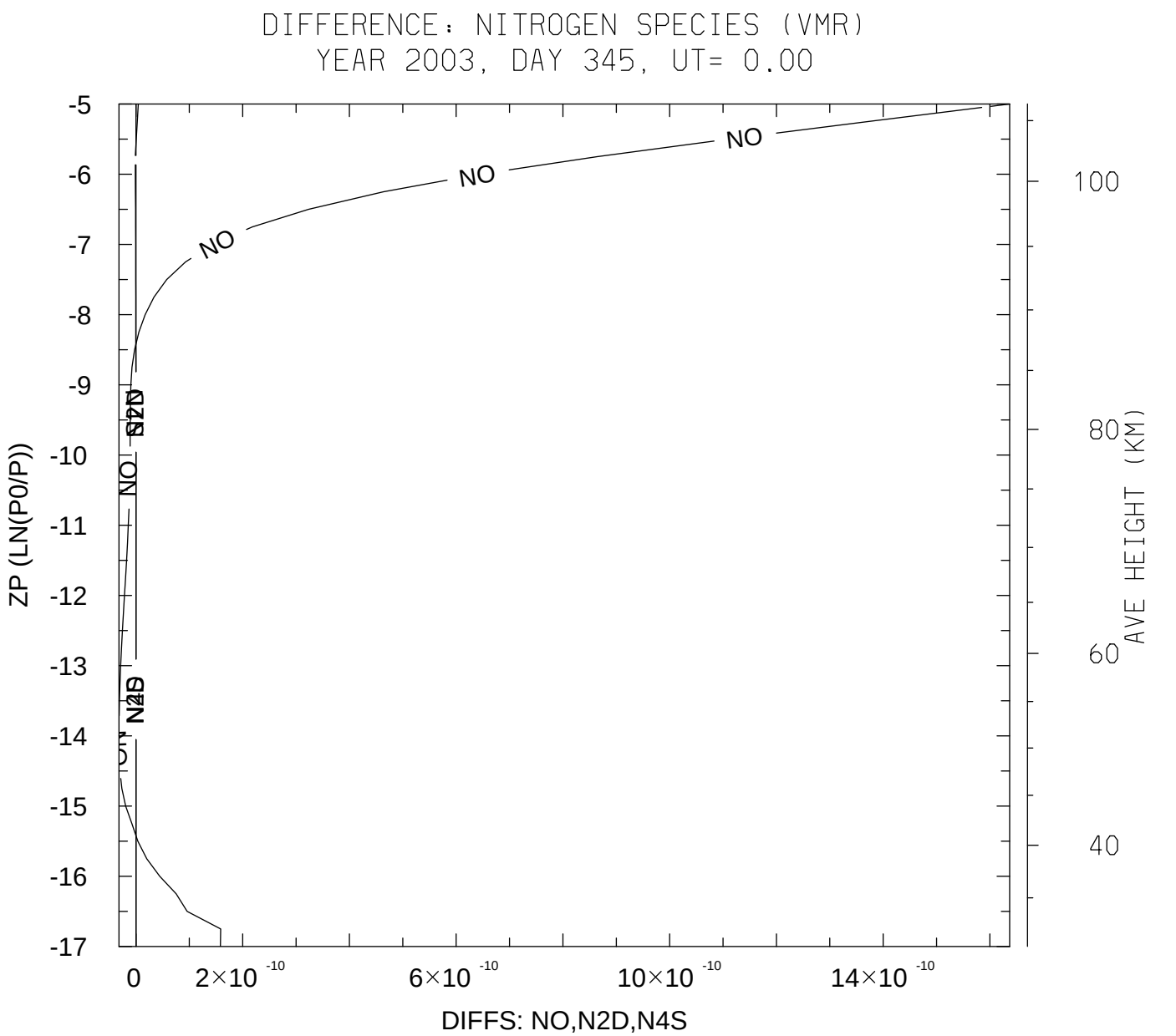
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

F107D= 150.00 MINUS F107D= 150.00


DIFFERENCE: NEUTRAL TEMPERATURE (DEG K)
YEAR 2003, DAY 345, UT= 0.00
HEIGHT (KM)
100
90
80
70
60
50
40
30
-5
-4
-3
-2
-1
0
1
DIFFS: TN,TNMS
PRESSURE (Mb)
10^{-3}
10^{-2}
10^{-1}
10^{0}
TN
TNMS
TN
TNMS
TN
TNMS
TN
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

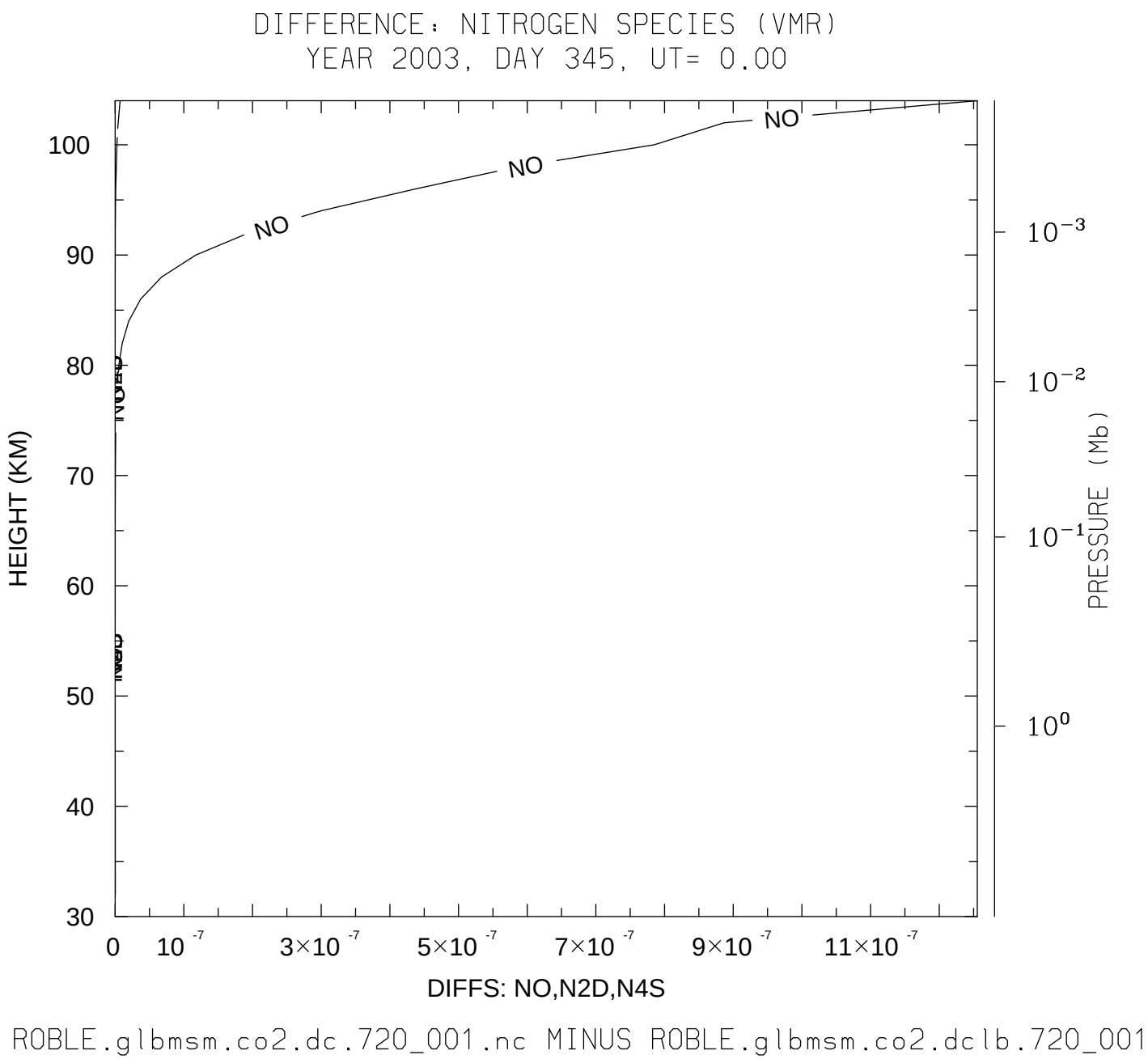

DIFFERENCE: MAJOR SPECIES (VMR)
YEAR 2003, DAY 345, UT= 0.00
ZP (LN(P0/P))
AVE HEIGHT (KM)
-5
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
100
80
60
40
-6×10 -6
-2×10 -6
0
2×10 -6
4×10 -6
6×10 -6
O
O2
N2
XOM
XO2M
XN2M
DIFFS: O,O2,N2,XOM,XO2M,XN2M
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
F107D= 150.00 MINUS F107D= 150.00

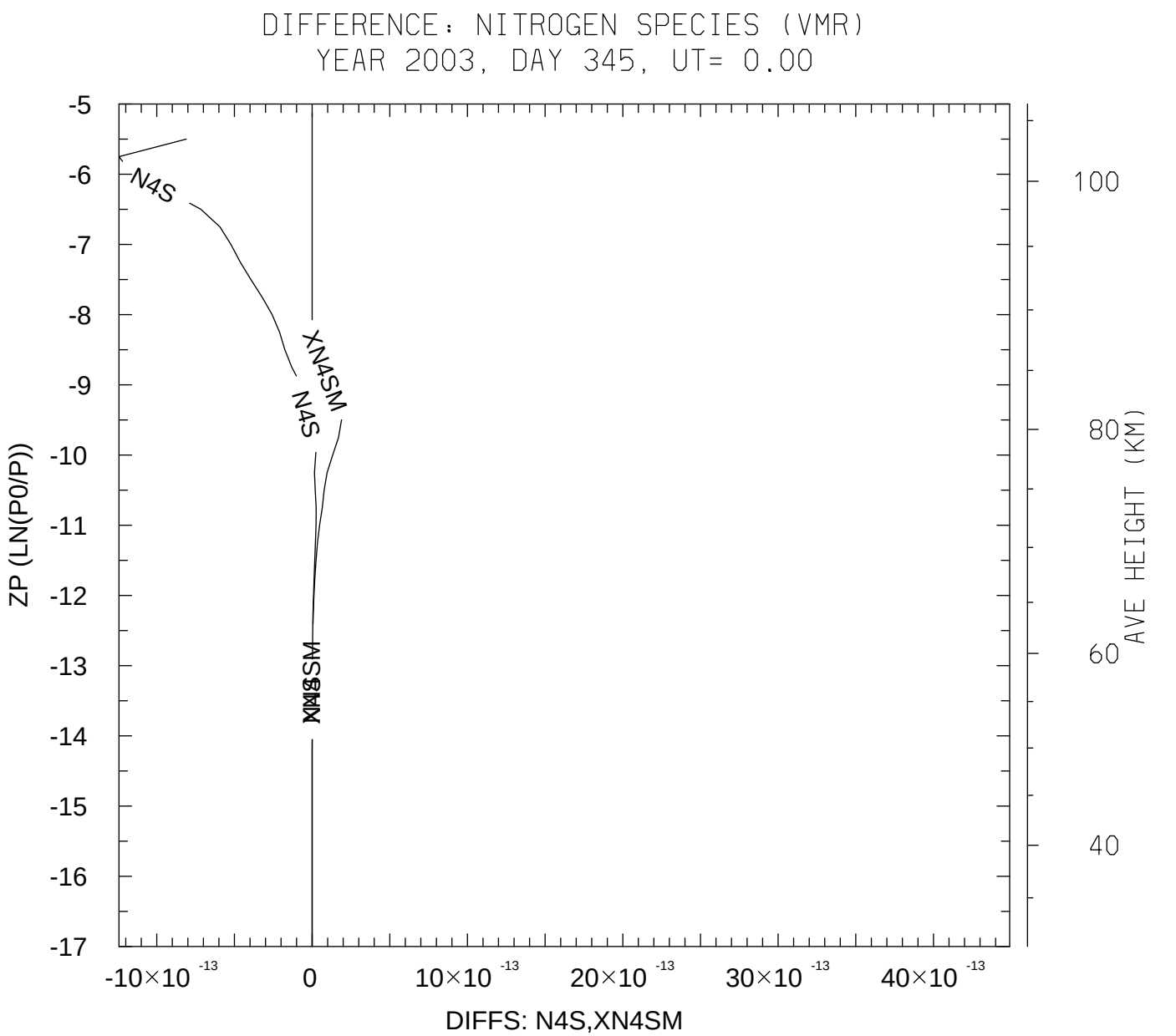

DIFFERENCE: MAJOR SPECIES (VMR)
YEAR 2003, DAY 345, UT= 0.00
HEIGHT (KM)
100
90
80
70
60
50
40
30
-.0030
-.0020
-.0010
0
.0010
.0020
.0030
DIFFS: O,O2,N2,XOM,XO2M,XN2M
PRESSURE (Mb)
10^{-3}
10^{-2}
10^{-1}
10^{0}
O2
N2
O
XOM
XO2M
XO2M
XO2M



ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

F107D= 150.00 MINUS F107D= 150.00

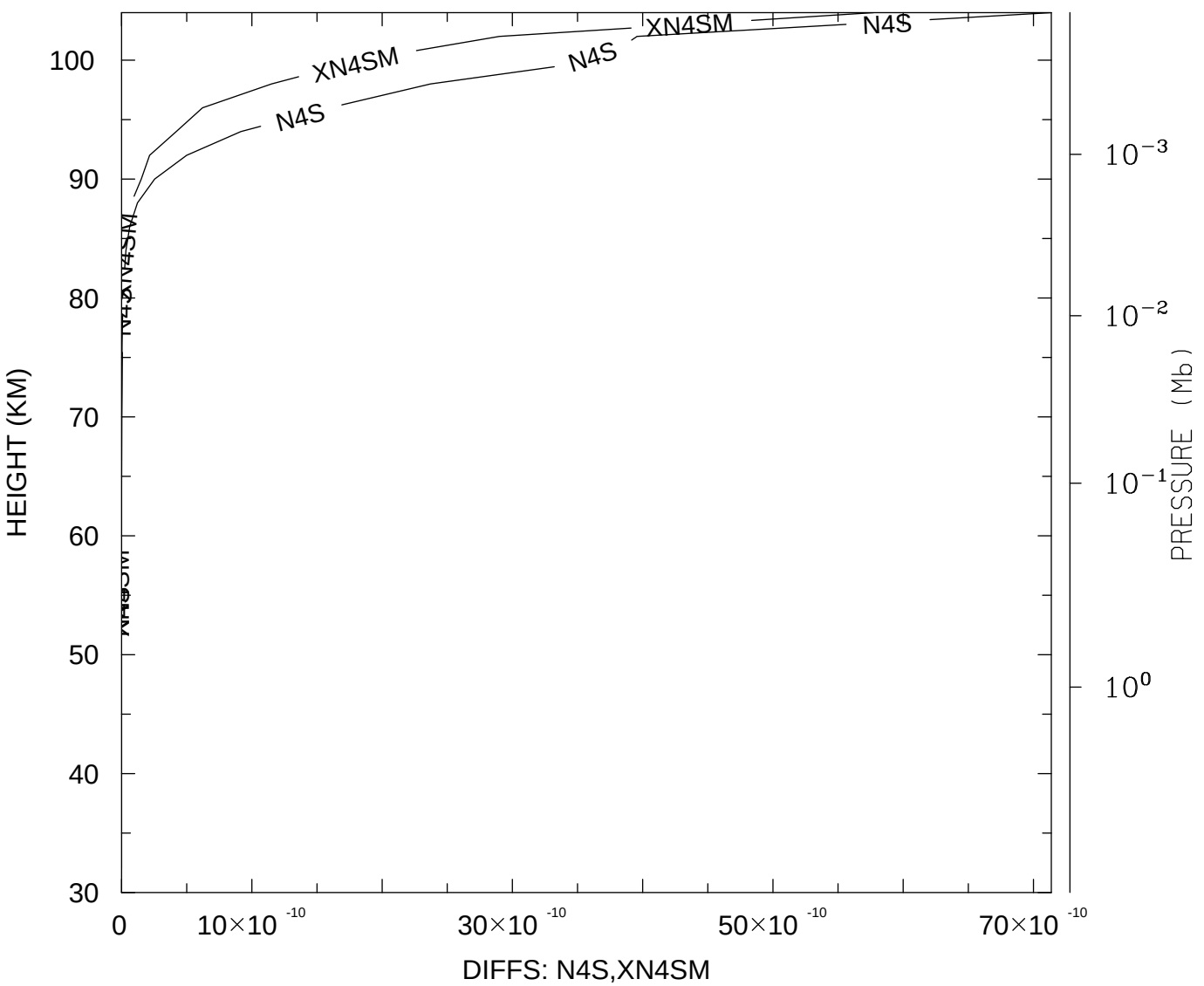

DIFFERENCE: NITROGEN SPECIES (VMR)
YEAR 2003, DAY 345, UT= 0.00
HEIGHT (KM)
100
90
80
70
60
50
40
30
NO
NO
NO
10^{-3}
10^{-2}
10^{-1}
10^{0}
PRESSURE (Mb)
0
10^{-7}
3×10^{-7}
5×10^{-7}
7×10^{-7}
9×10^{-7}
11×10^{-7}
DIFFS: NO,N2D,N4S
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001



ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

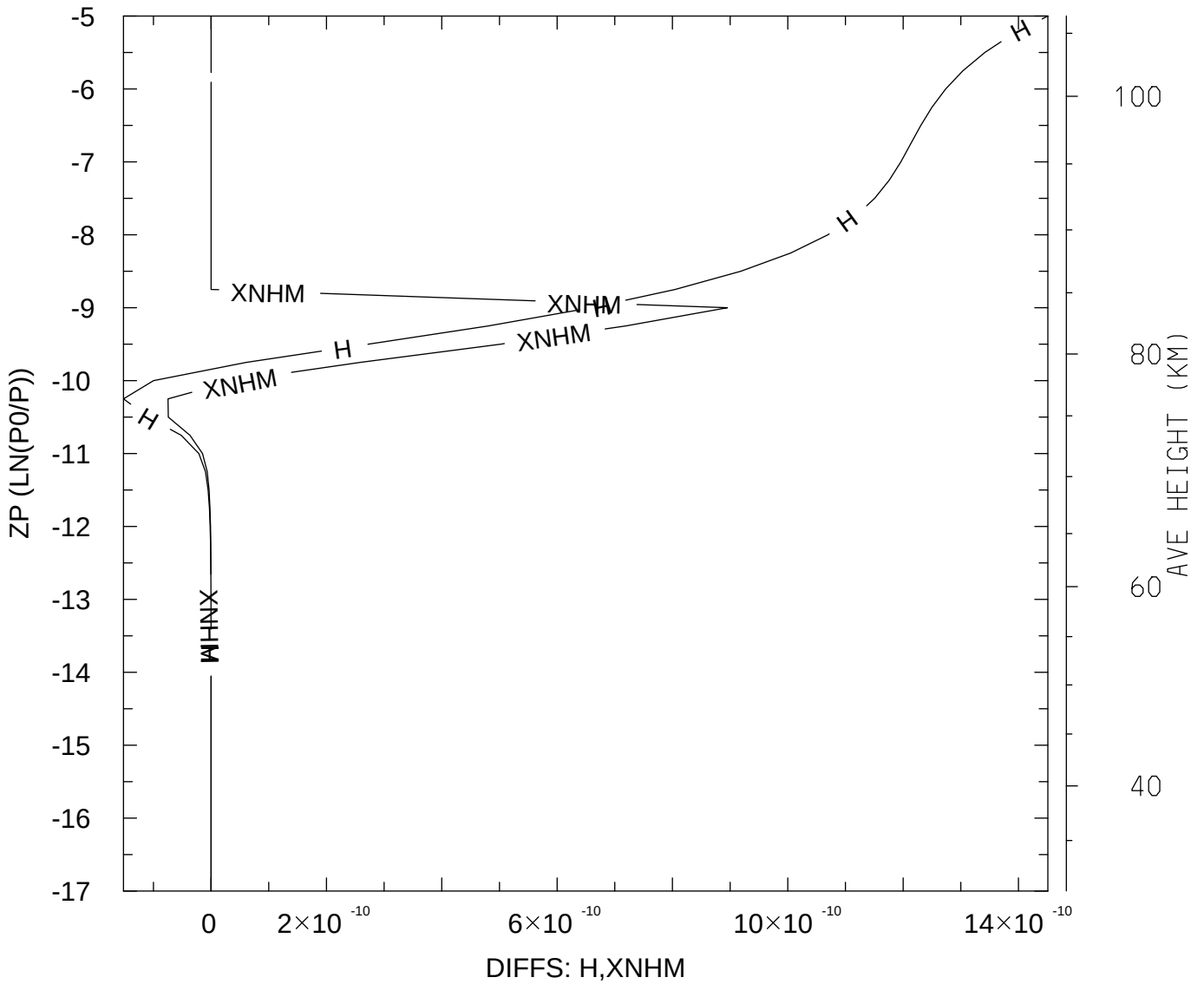
F107D= 150.00 MINUS F107D= 150.00

DIFFERENCE: NITROGEN SPECIES (VMR)
YEAR 2003, DAY 345, UT= 0.00



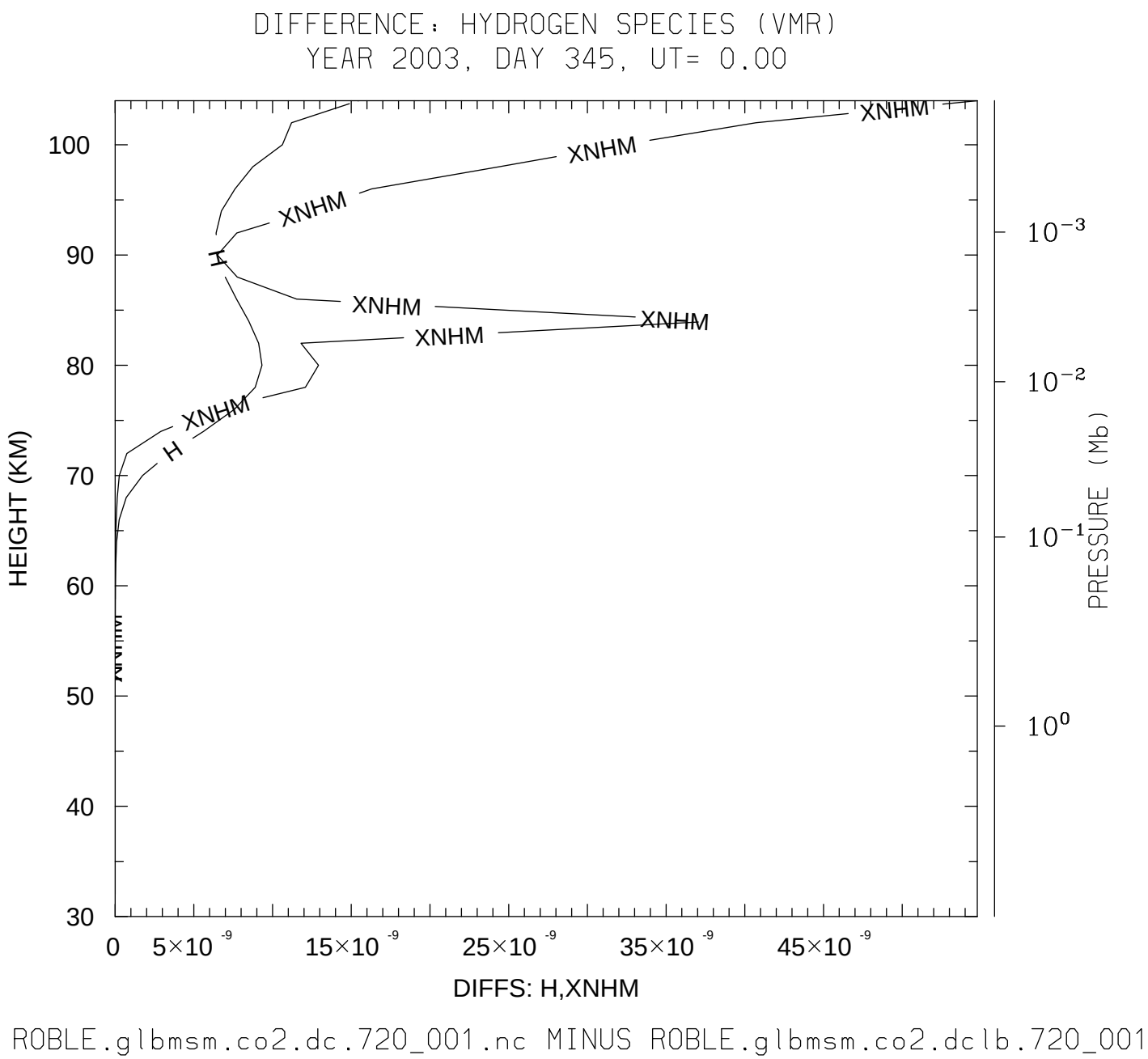
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

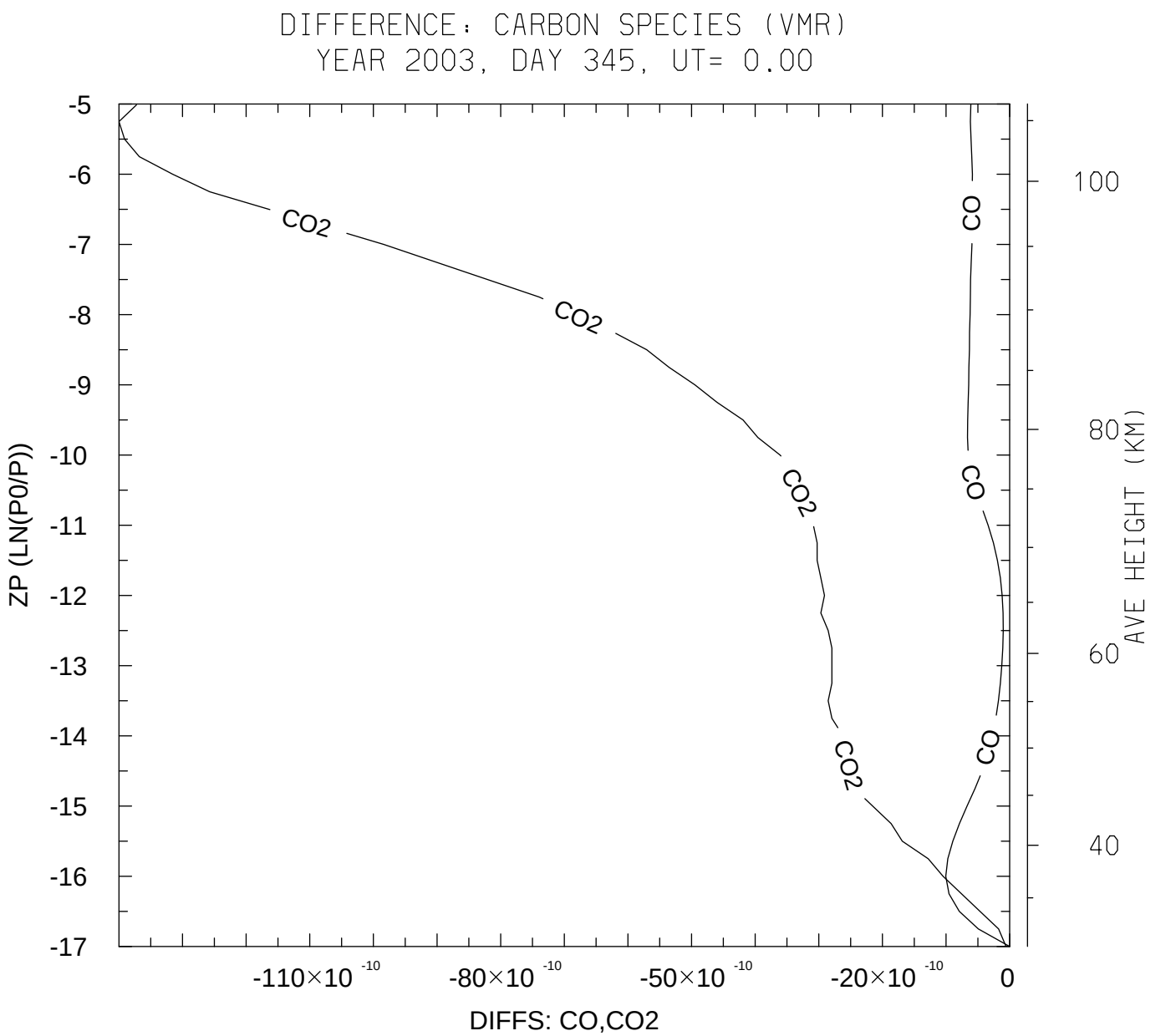
DIFFERENCE: HYDROGEN SPECIES (VMR)
YEAR 2003, DAY 345, UT= 0.00



ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

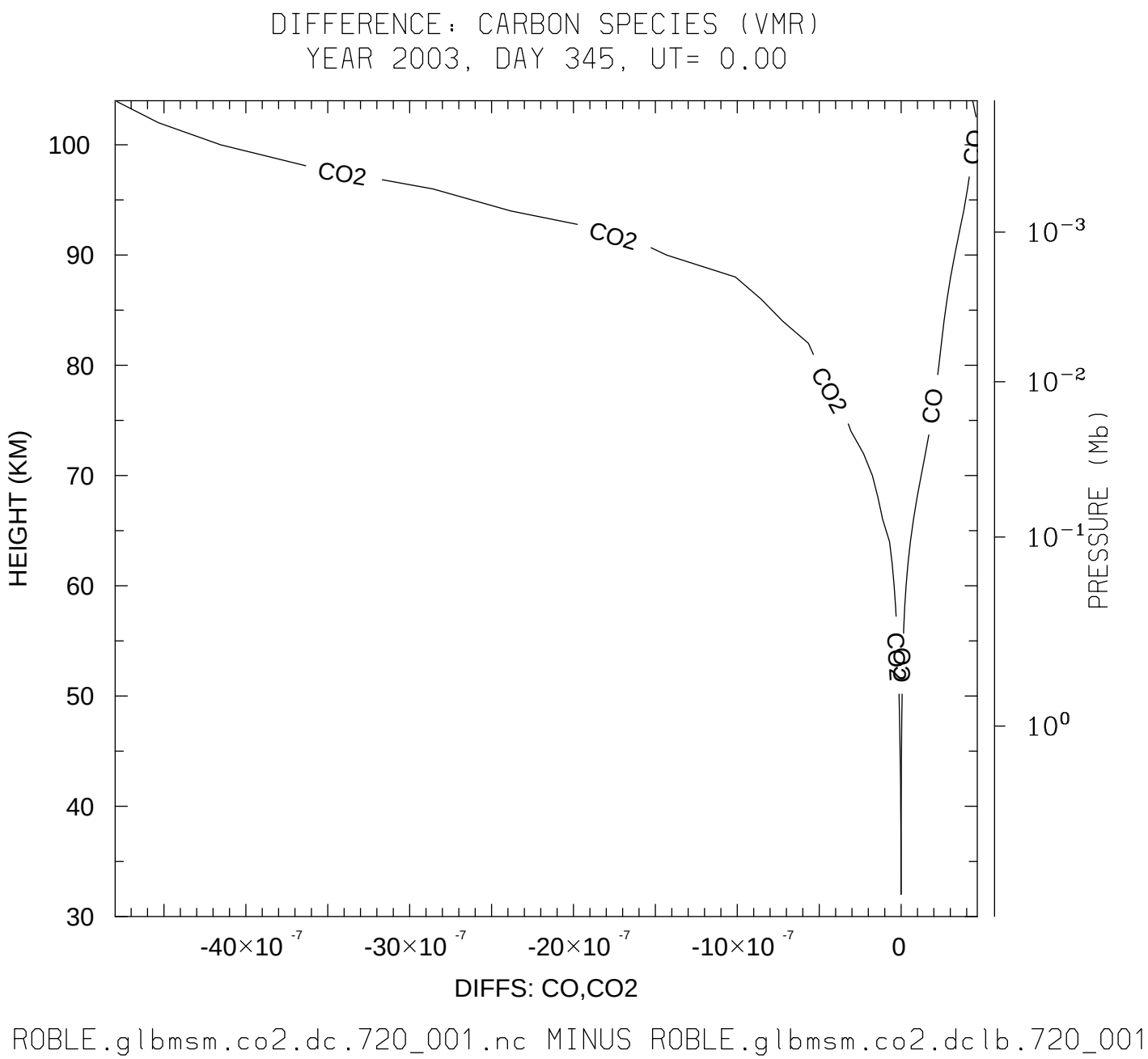
F107D= 150.00 MINUS F107D= 150.00

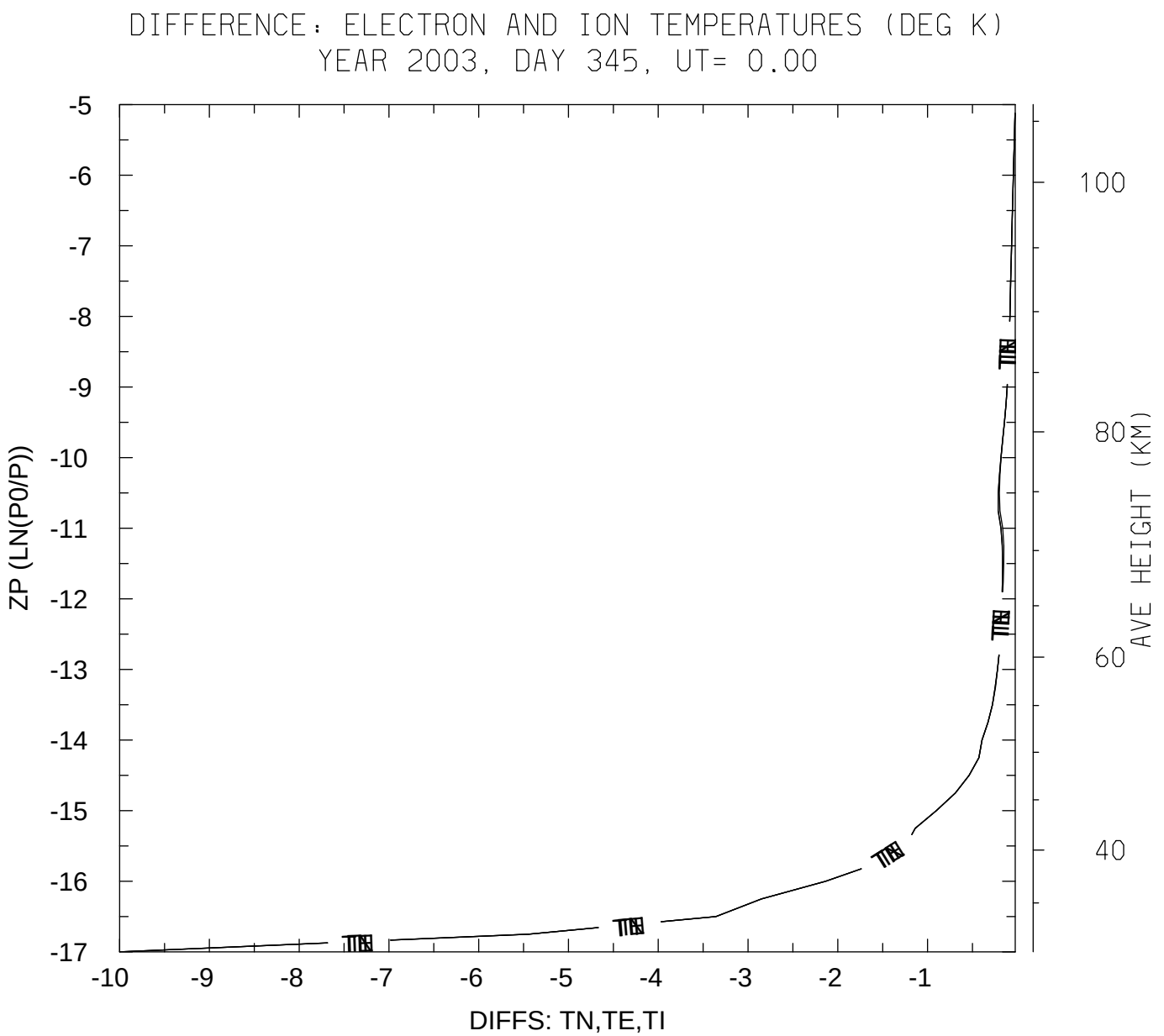

DIFFERENCE: HYDROGEN SPECIES (VMR)
YEAR 2003, DAY 345, UT= 0.00
HEIGHT (KM)
100
90
80
70
60
50
40
30
XNHM
XNHM
XNHM
XNHM
XNHM
XNHM
H
H
10^{-3}
10^{-2}
10^{-1}
10^{0}
PRESSURE (Mb)
0
5×10 -9
15×10 -9
25×10 -9
35×10 -9
45×10 -9
DIFFS: H,XNHM
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001



ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

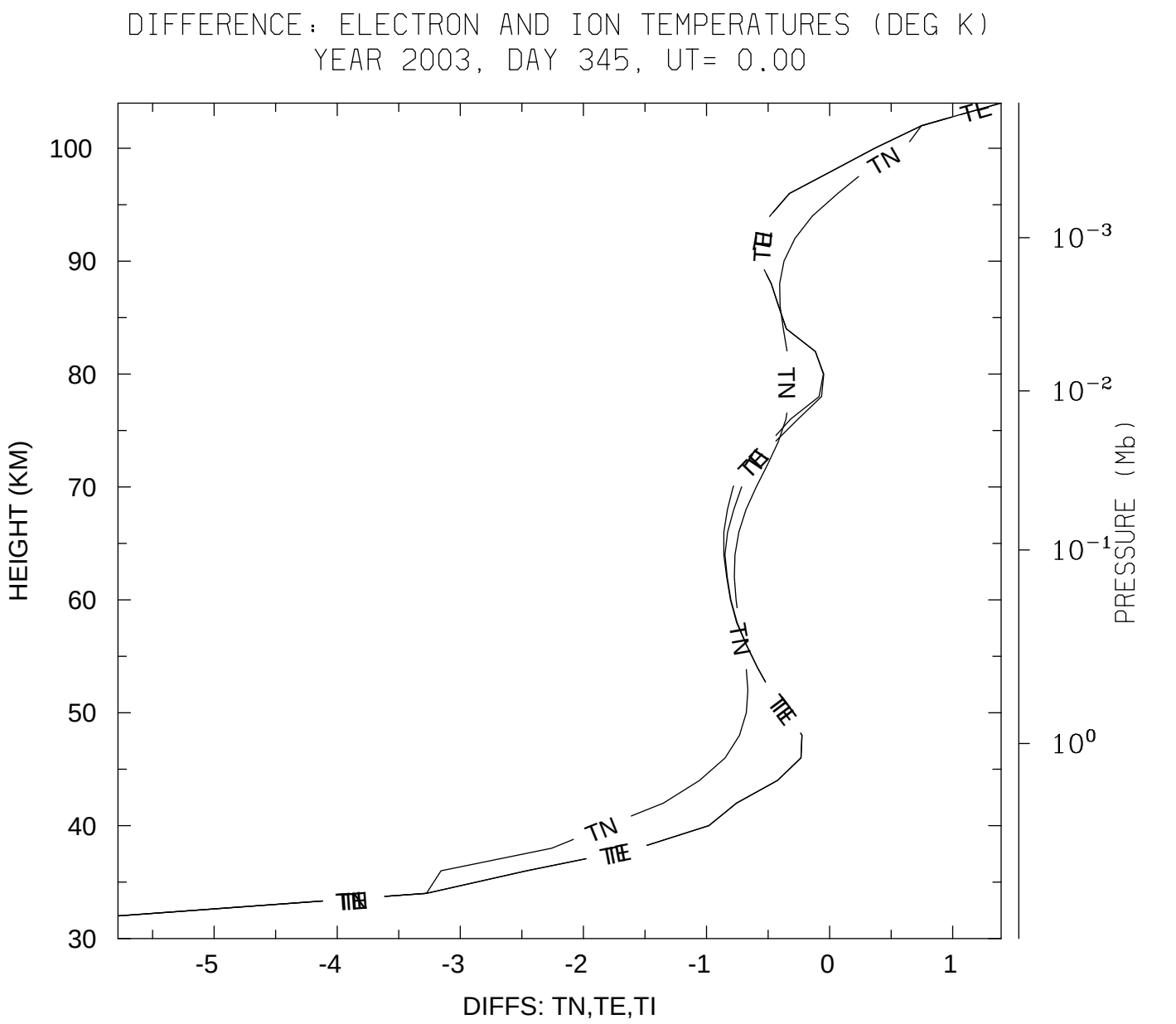
F107D= 150.00 MINUS F107D= 150.00


DIFFERENCE: CARBON SPECIES (VMR)
YEAR 2003, DAY 345, UT= 0.00
HEIGHT (KM)
100
90
80
70
60
50
40
30
CO2
CO2
CO2
CO2
CO
CO
10^-3
10^-2
10^-1
10^0
PRESSURE (Mb)
-40×10^-7
-30×10^-7
-20×10^-7
-10×10^-7
0
DIFFS: CO,CO2
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

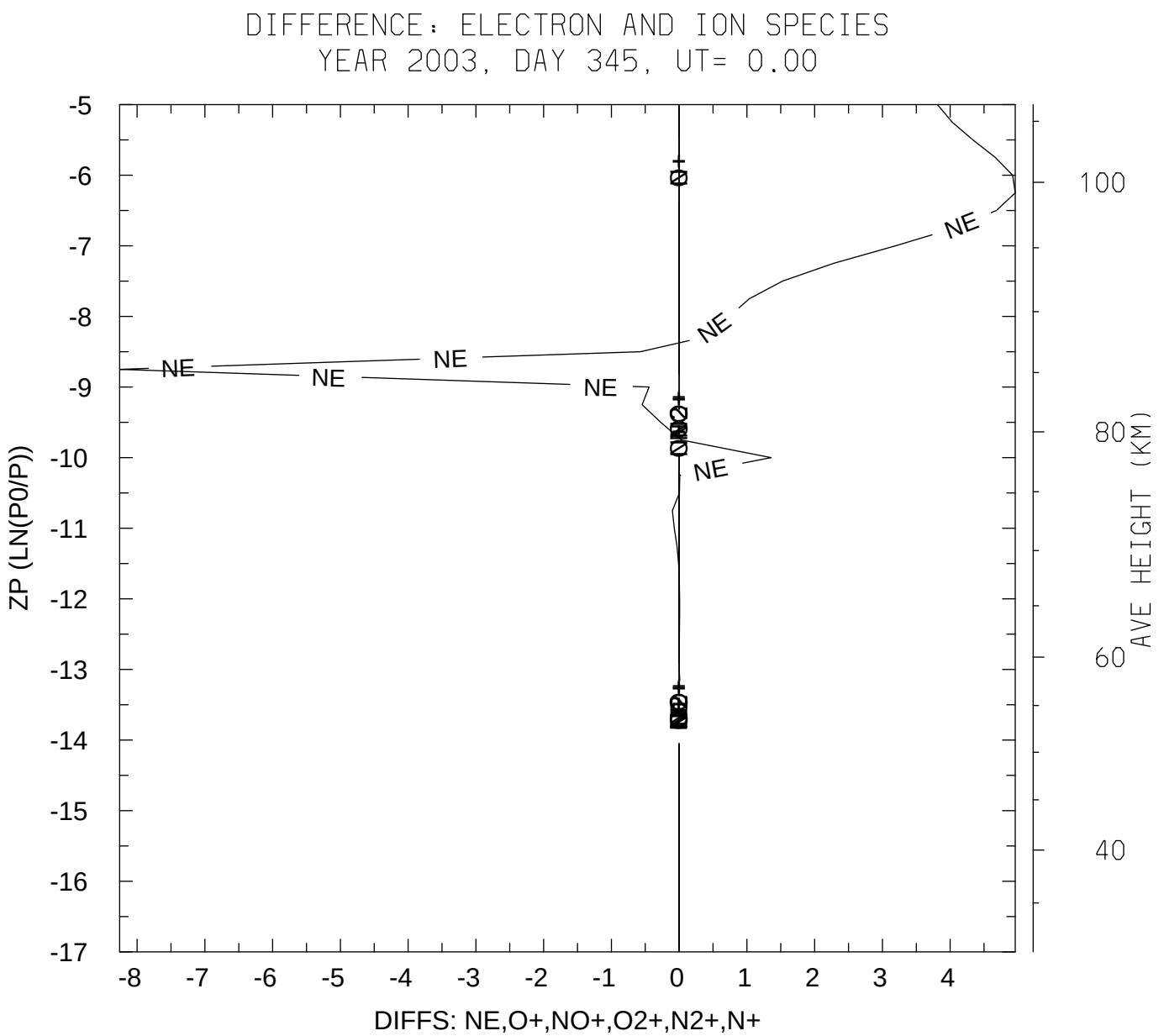


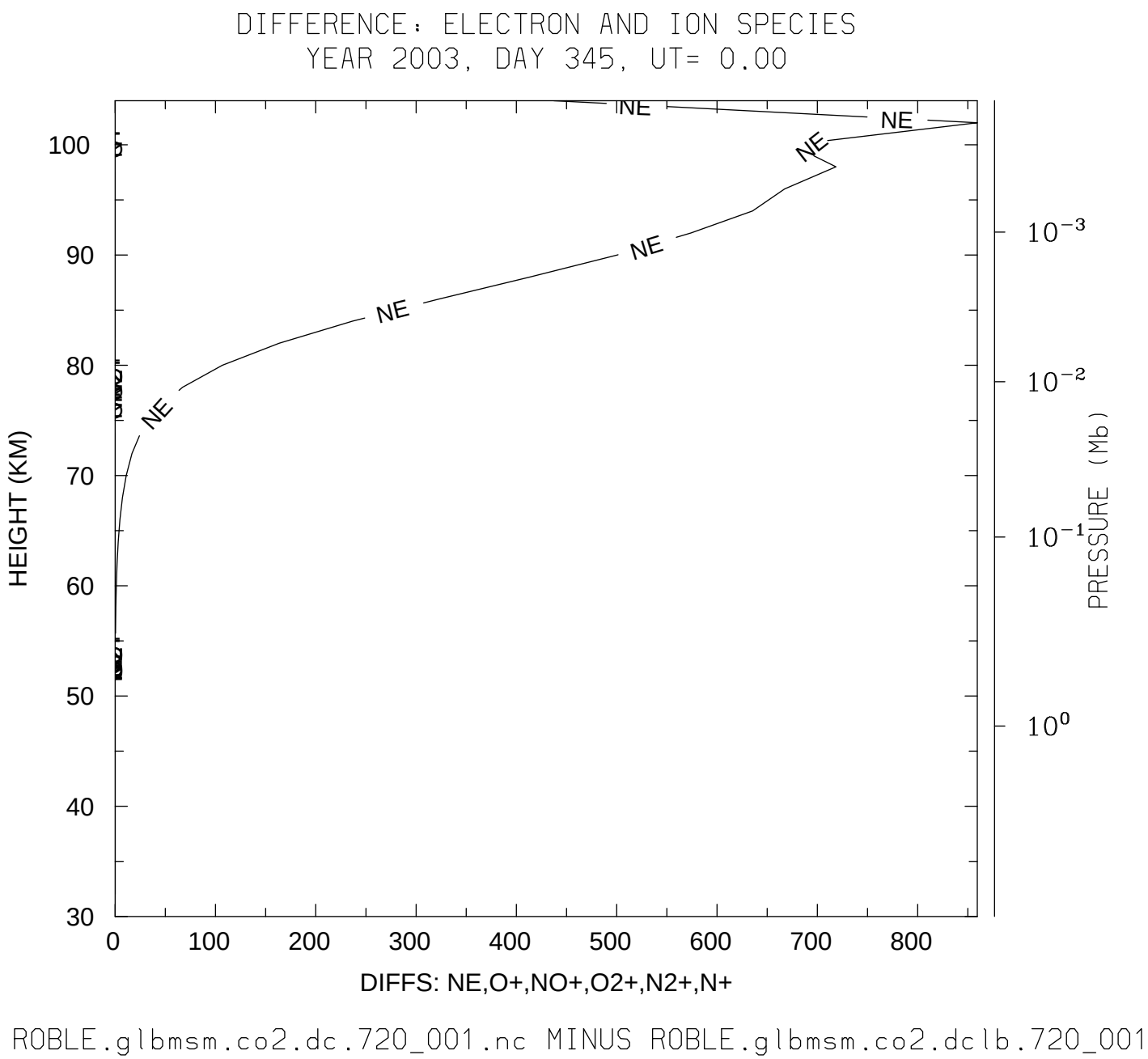
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

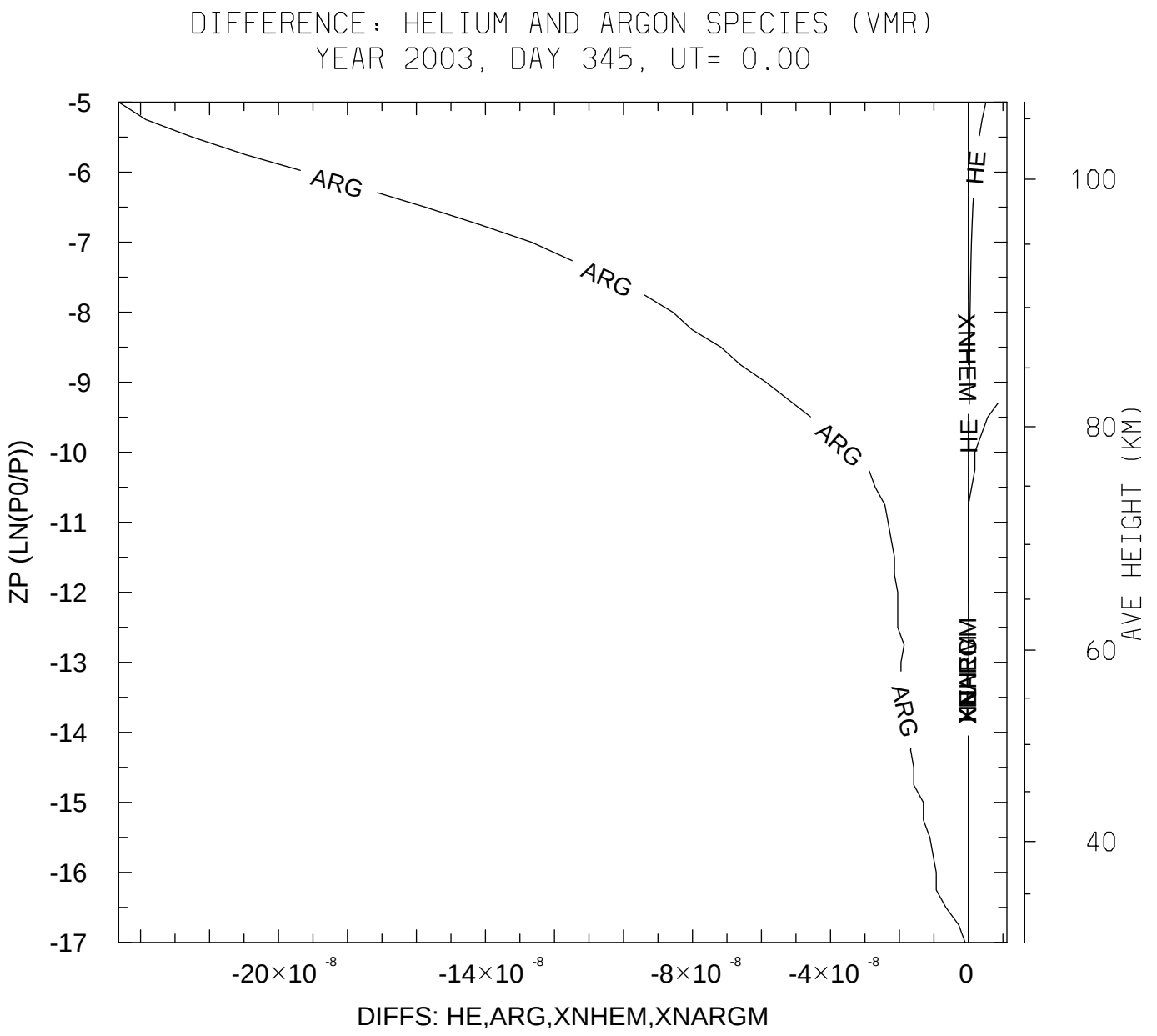
F107D= 150.00 MINUS F107D= 150.00



ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

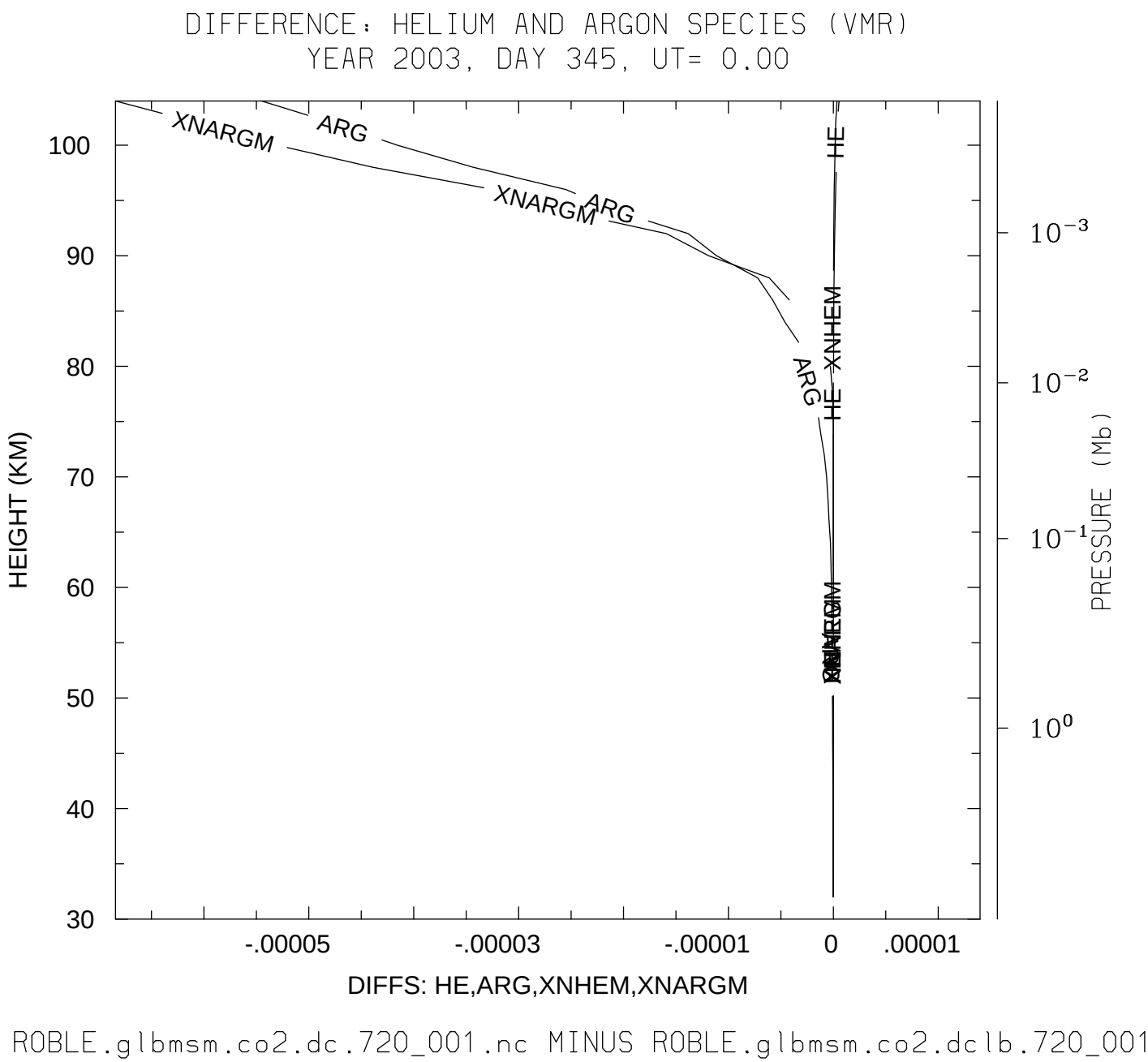

DIFFERENCE: ELECTRON AND ION SPECIES
YEAR 2003, DAY 345, UT= 0.00
ZP (LN(P0/P))
AVE HEIGHT (KM)
DIFFS: NE,O+,NO+,O2+,N2+,N+
NE
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001
F107D= 150.00 MINUS F107D= 150.00

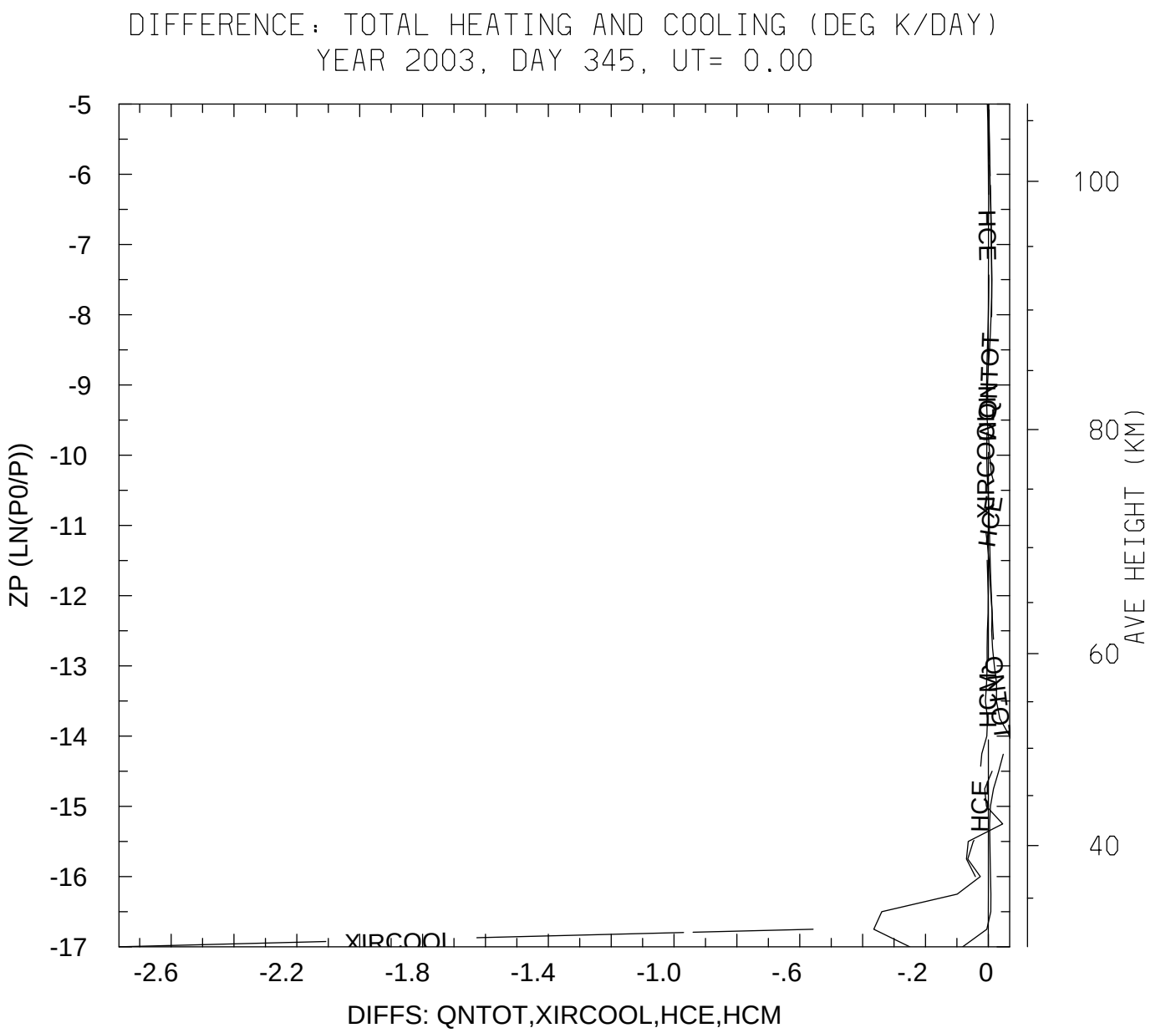

DIFFERENCE: ELECTRON AND ION SPECIES
YEAR 2003, DAY 345, UT= 0.00
NE
NE
NE
NE
NE
NE
100
90
80
70
60
50
40
30
HEIGHT (KM)
10^{-3}
10^{-2}
10^{-1}
10^{0}
PRESSURE (Mb)
0
100
200
300
400
500
600
700
800
DIFFS: NE,O+,NO+,O2+,N2+,N+
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001



ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

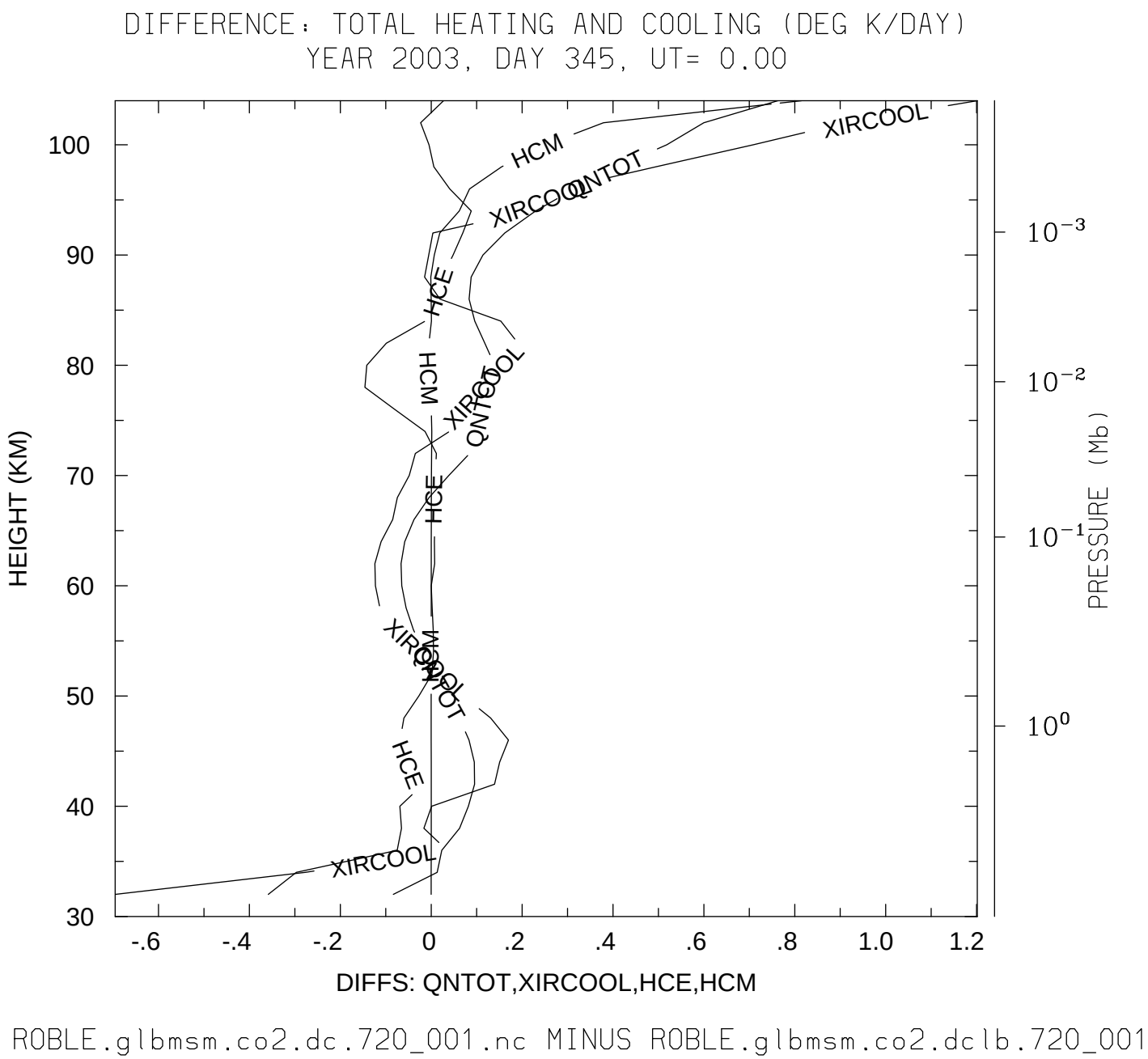
F107D= 150.00 MINUS F107D= 150.00


DIFFERENCE: HELIUM AND ARGON SPECIES (VMR)
YEAR 2003, DAY 345, UT= 0.00
XNARGM
ARG
XNARGM
ARG
HE
XNHEM
ARG
HE
XNHEM
100
90
80
70
60
50
40
30
HEIGHT (KM)
10^{-3}
10^{-2}
10^{-1}
10^{0}
PRESSURE (Mb)
-.00005
-.00003
-.00001
0
.00001
DIFFS: HE,ARG,XNHEM,XNARGM
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

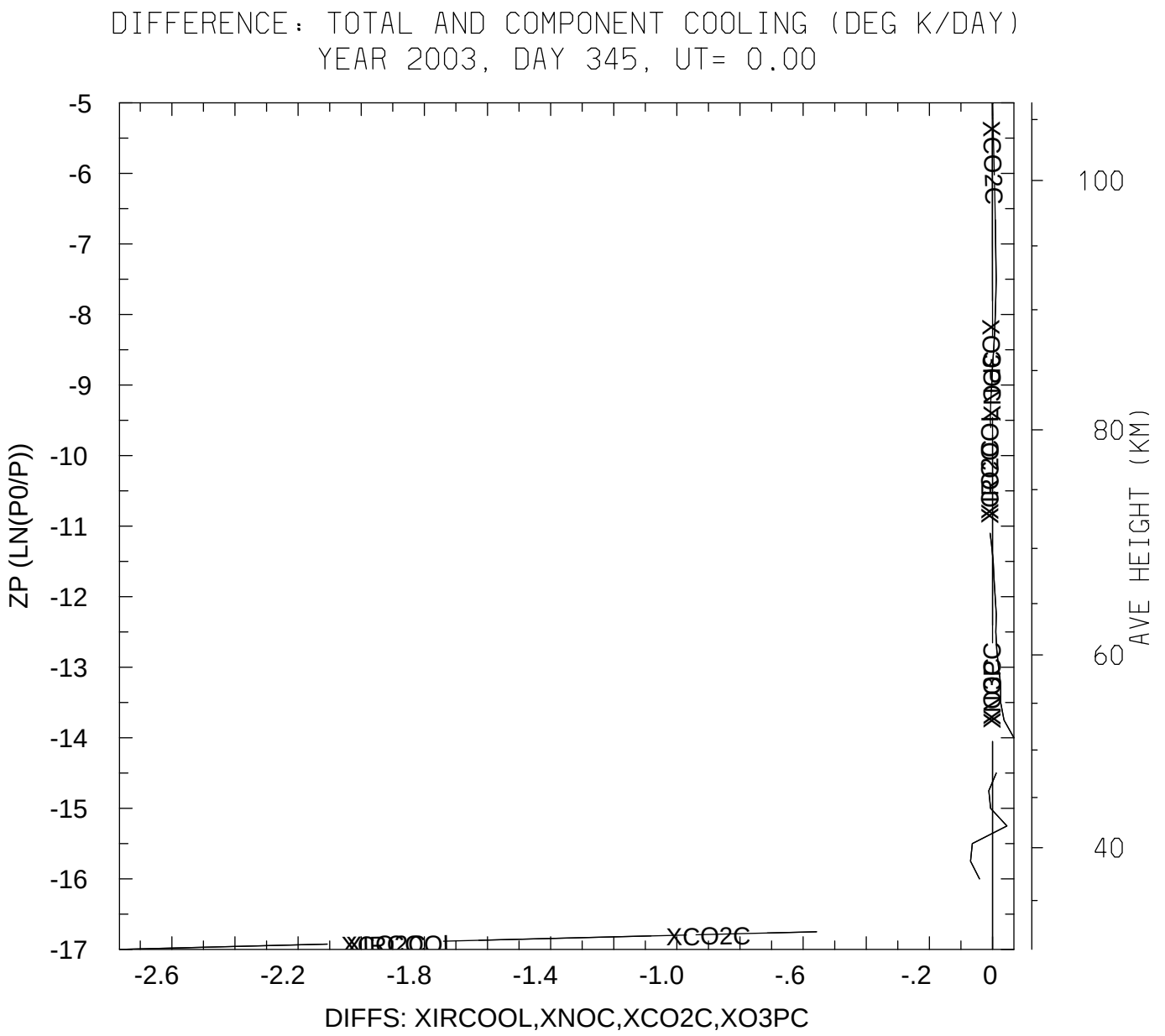


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

F107D= 150.00 MINUS F107D= 150.00

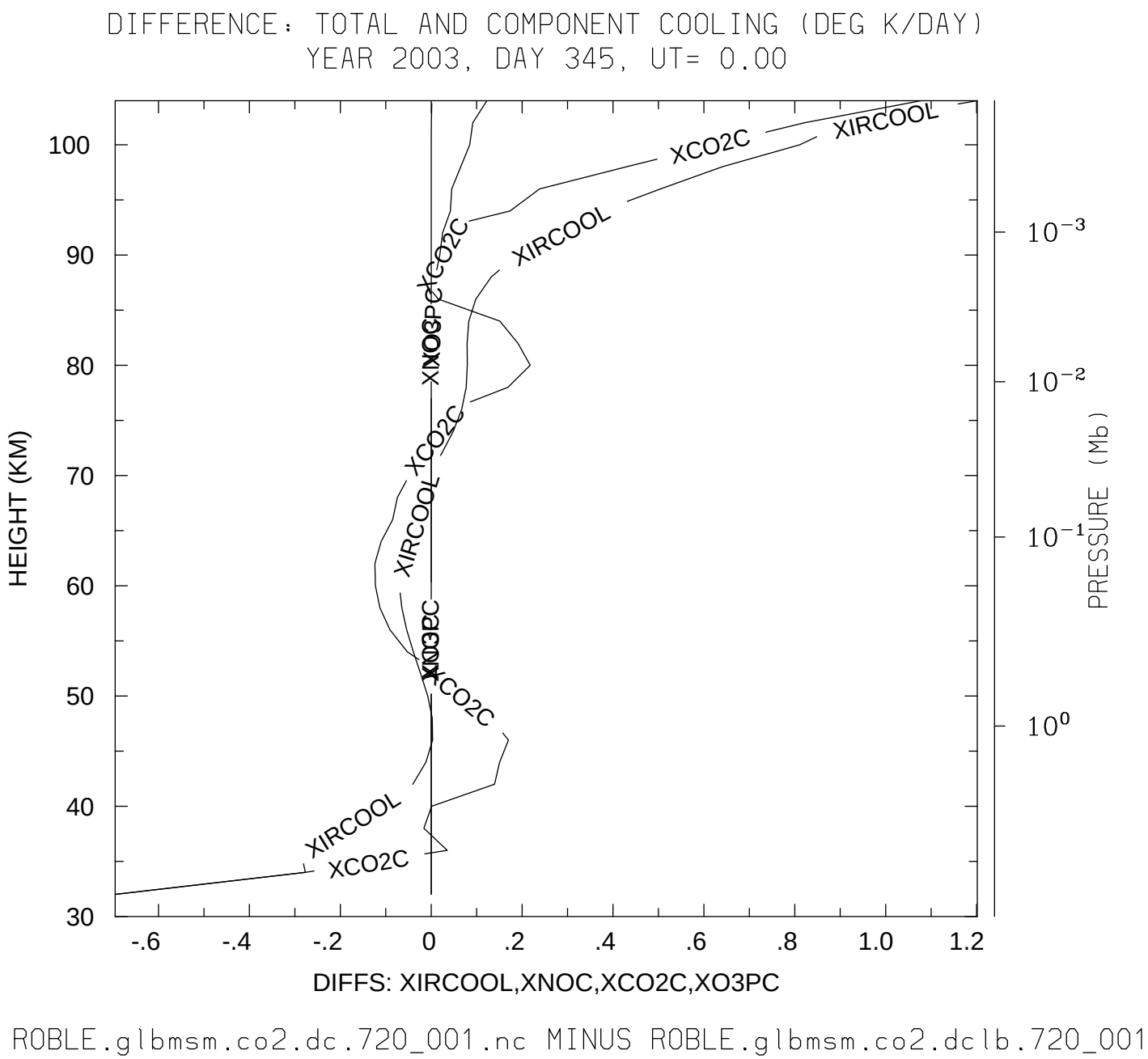


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

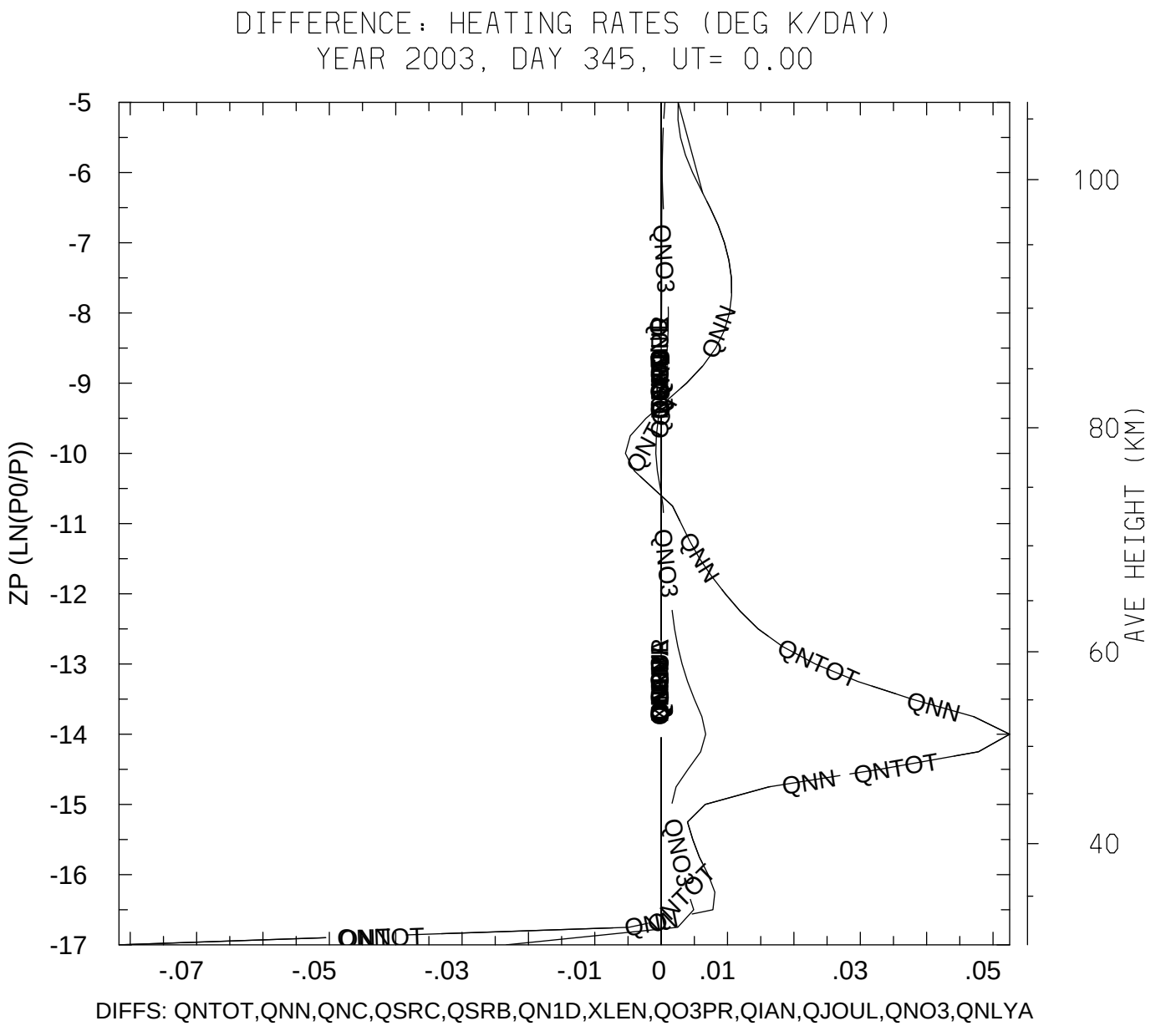


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

F107D= 150.00 MINUS F107D= 150.00

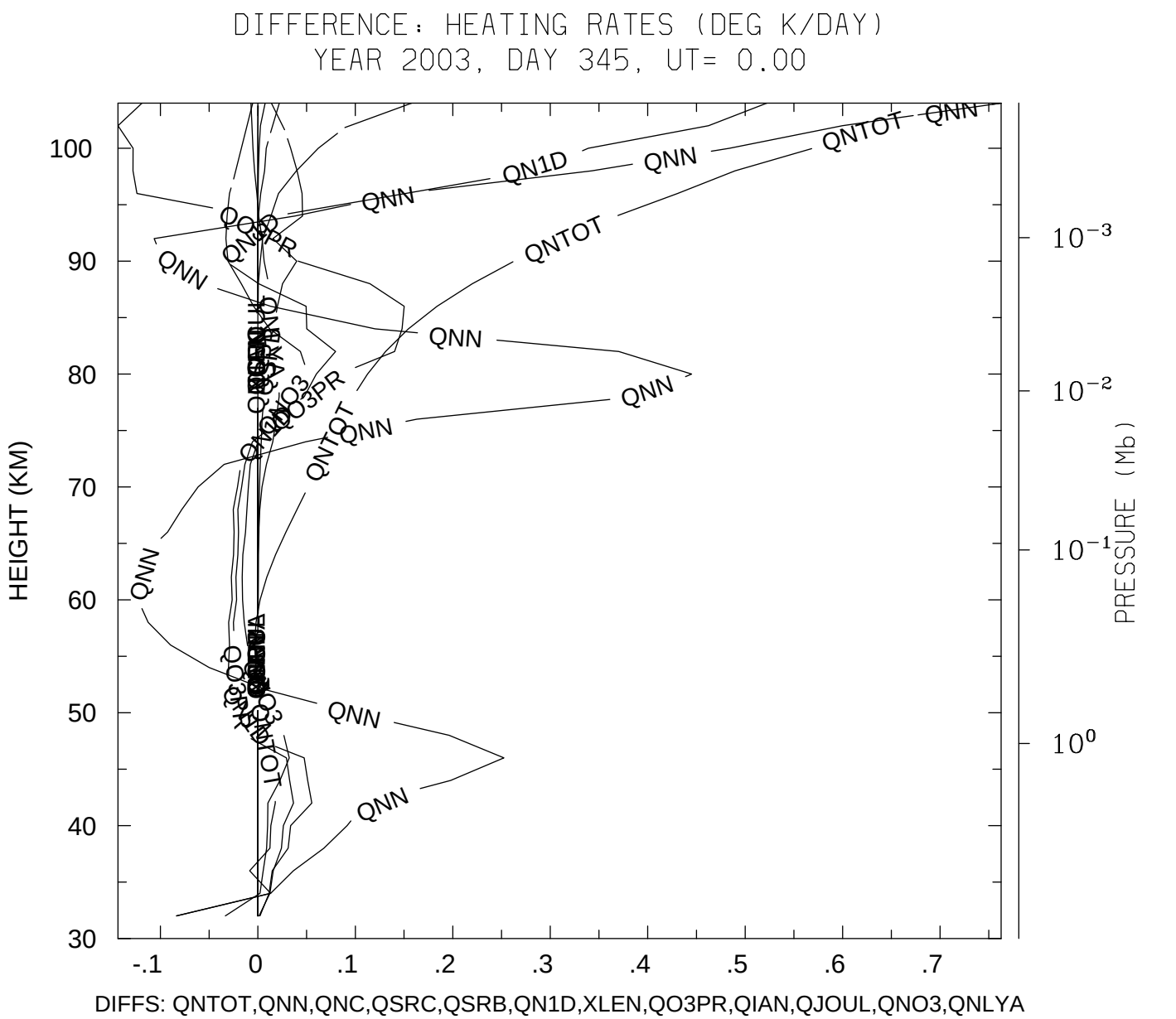


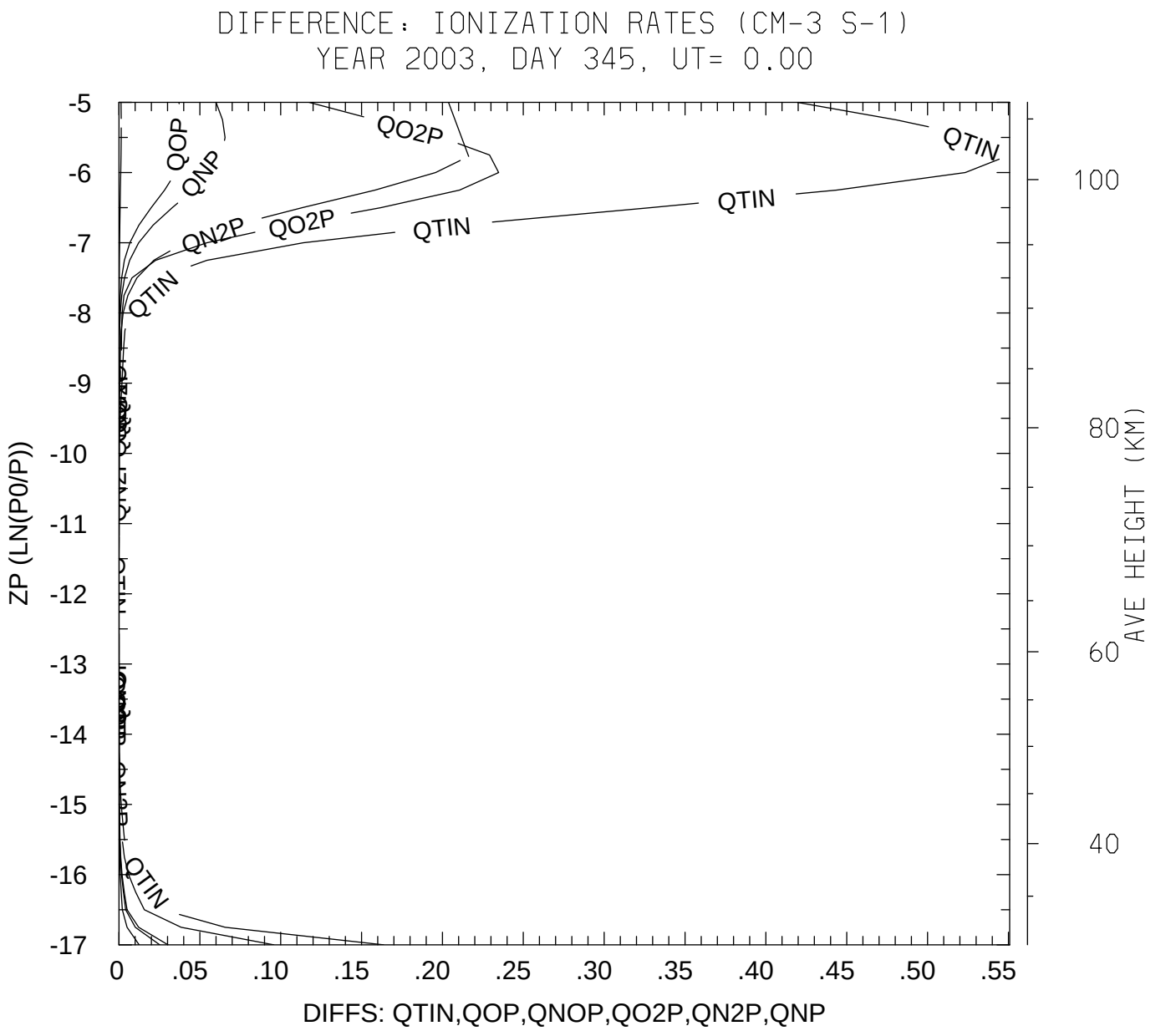
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001



ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

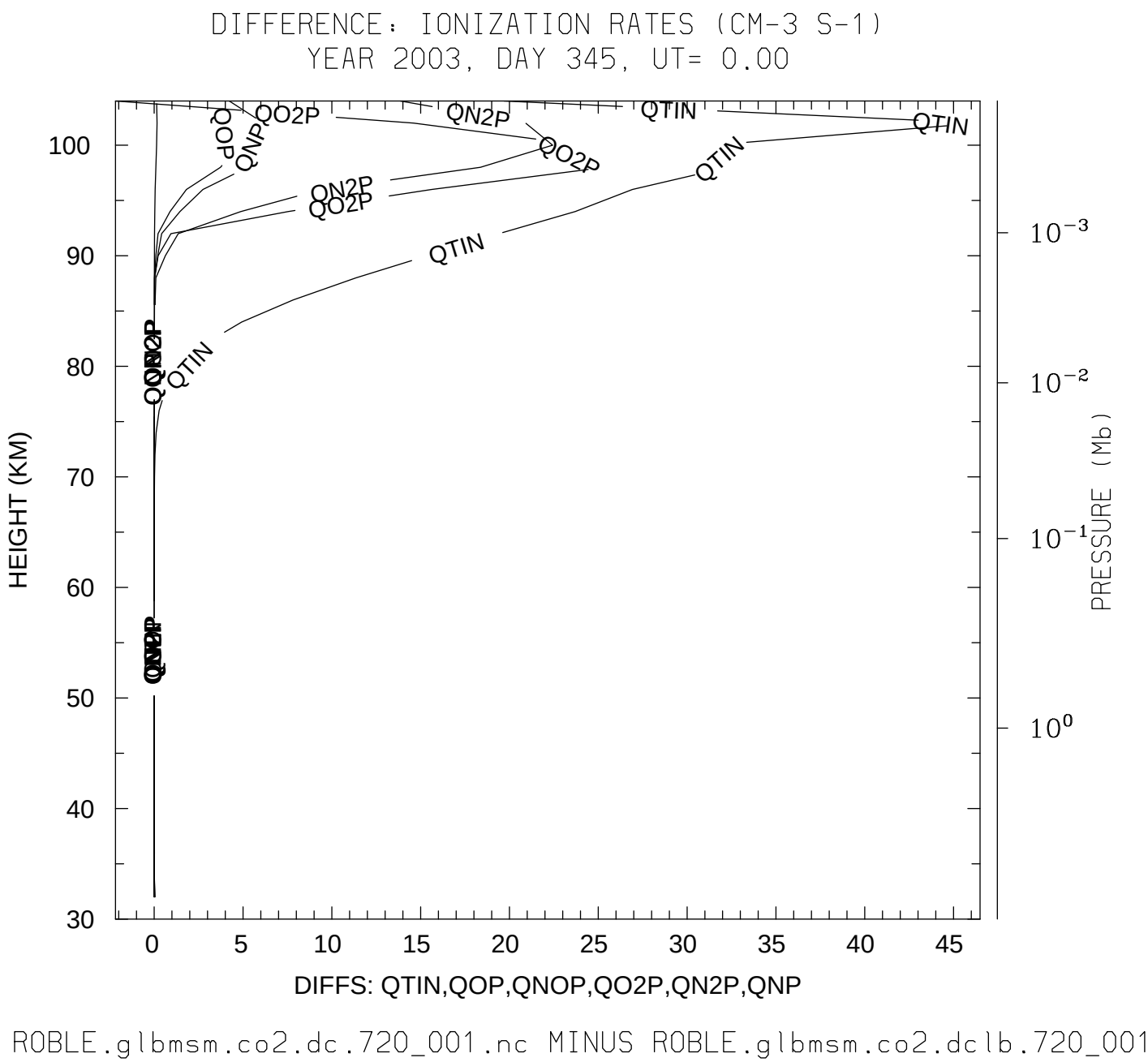
F107D= 150.00 MINUS F107D= 150.00

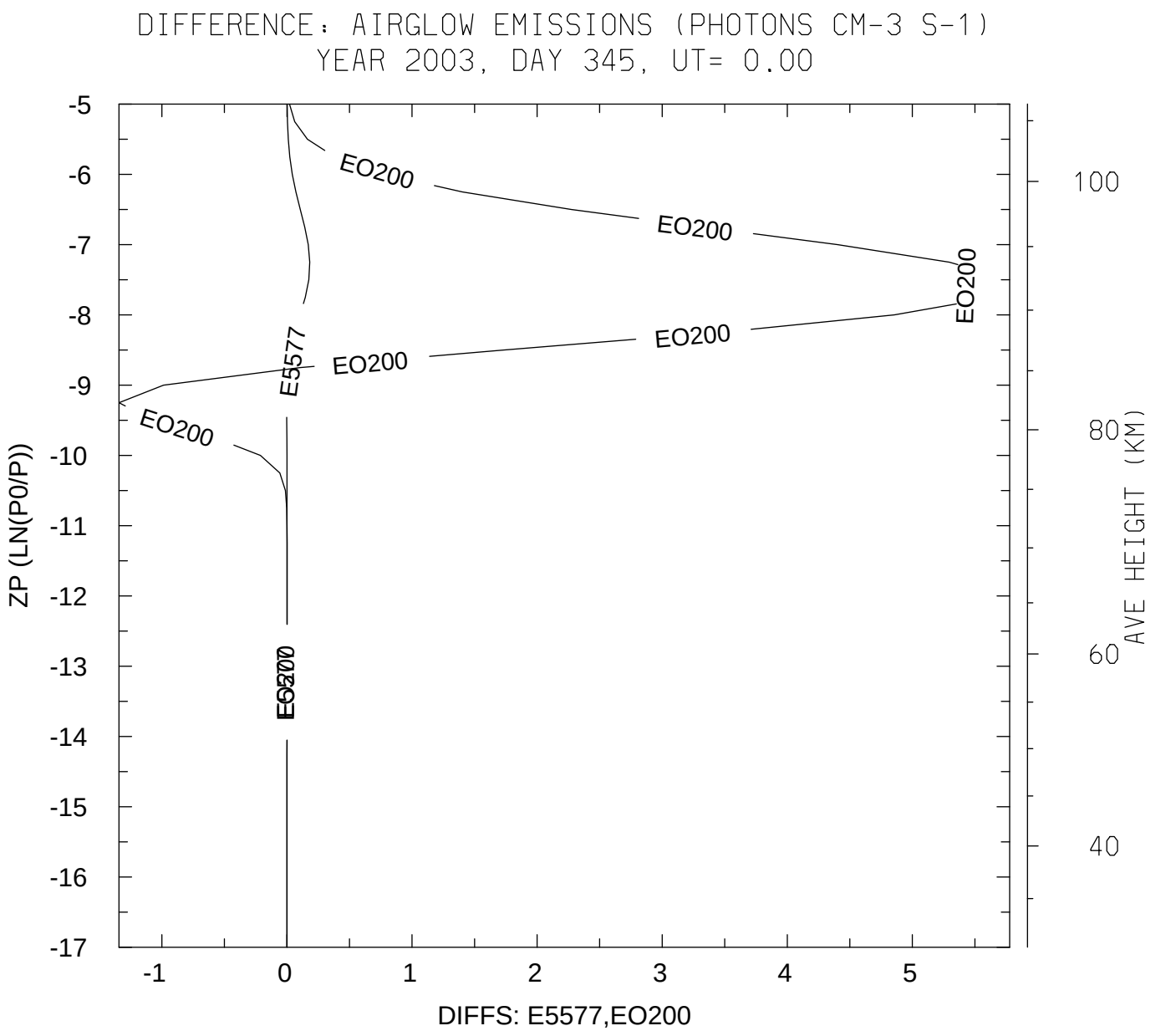

DIFFERENCE: HEATING RATES (DEG K/DAY)
YEAR 2003, DAY 345, UT= 0.00
HEIGHT (KM)
PRESSURE (Mb)
100
90
80
70
60
50
40
30
10^{-3}
10^{-2}
10^{-1}
10^{0}
-.1
0
.1
.2
.3
.4
.5
.6
.7
QNN
QN1D
QNTOT
QO3PR
DIFFS: QNTOT,QNN,QNC,QSRC,QSRB,QN1D,XLEN,QO3PR,QIAN,QJOUL,QNO3,QNLYA
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001



ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

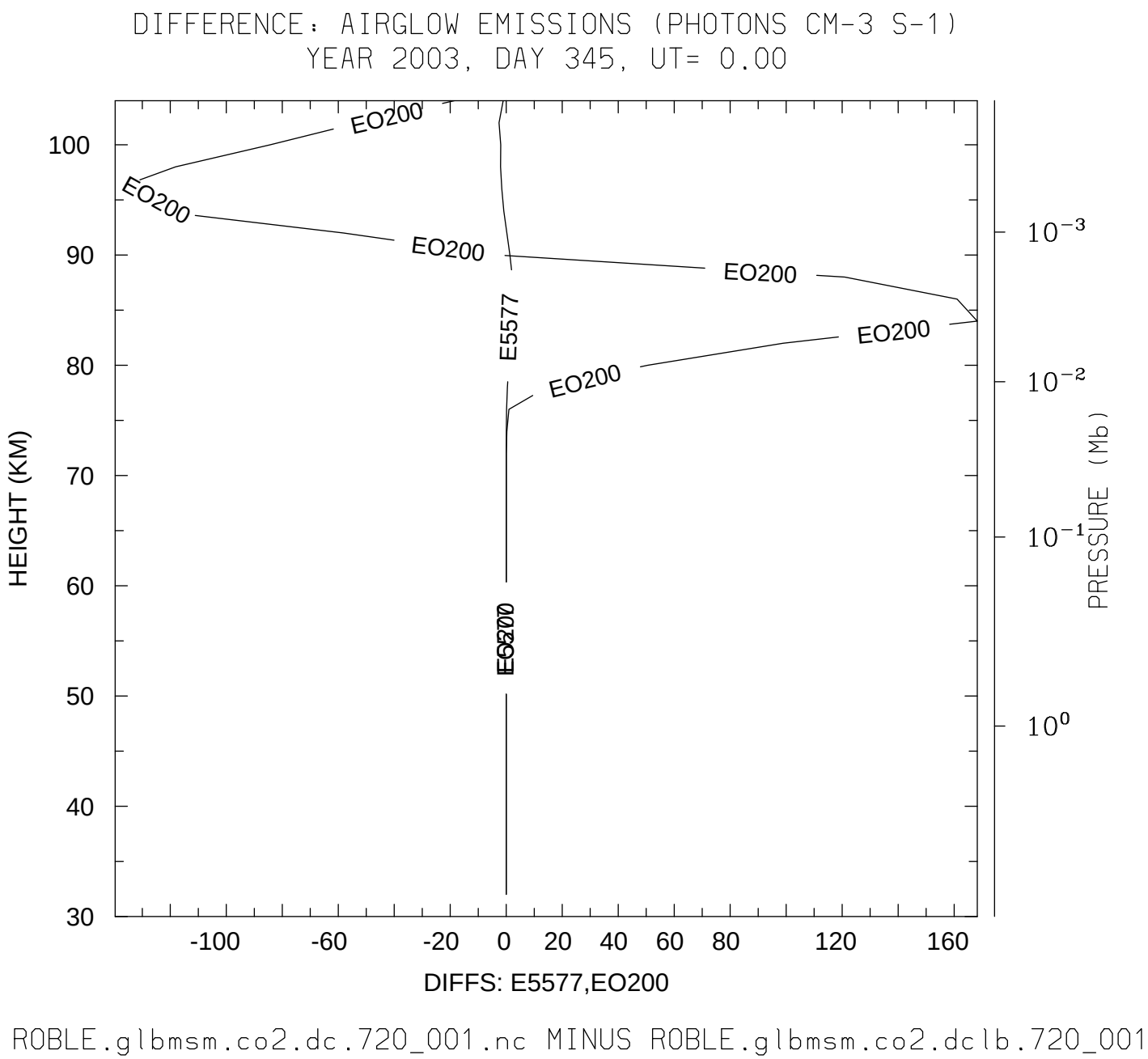
F107D= 150.00 MINUS F107D= 150.00


DIFFERENCE: IONIZATION RATES (CM-3 S-1)
YEAR 2003, DAY 345, UT= 0.00
HEIGHT (KM)
PRESSURE (Mb)
DIFFS: QTIN,QOP,QNOP,QO2P,QN2P,QNP
QOP
QNP
QO2P
QN2P
QTIN
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

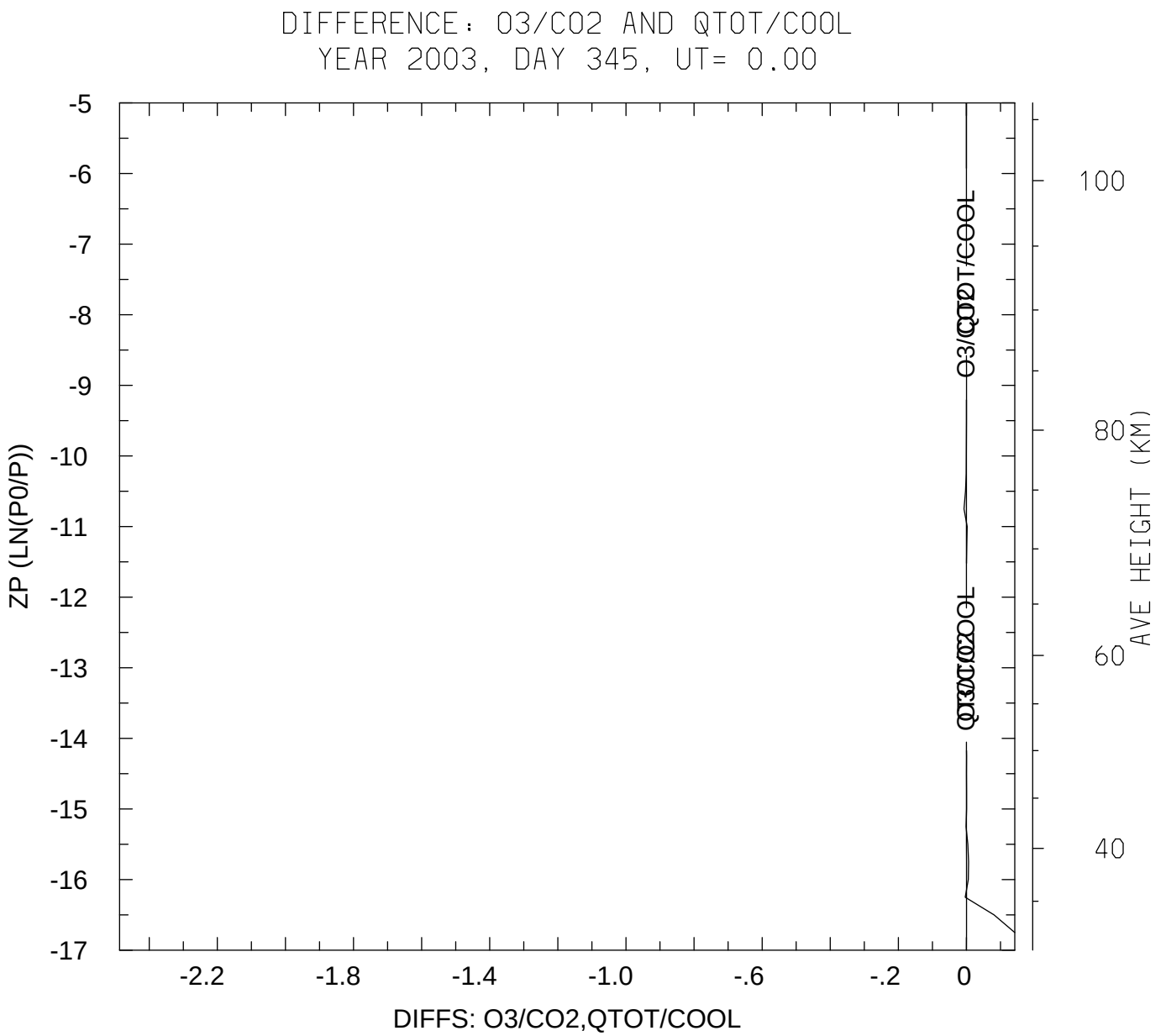


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

F107D= 150.00 MINUS F107D= 150.00

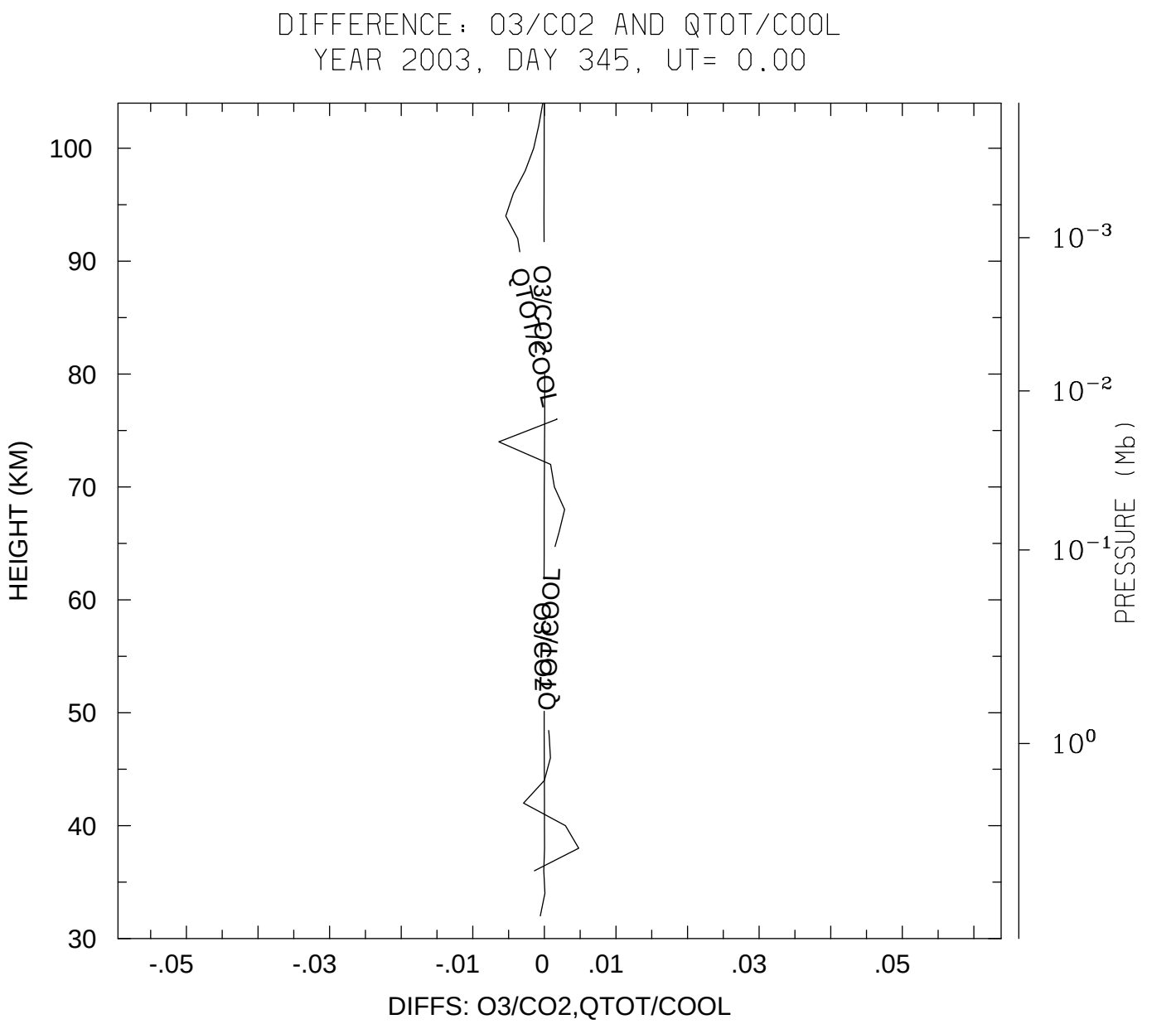


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

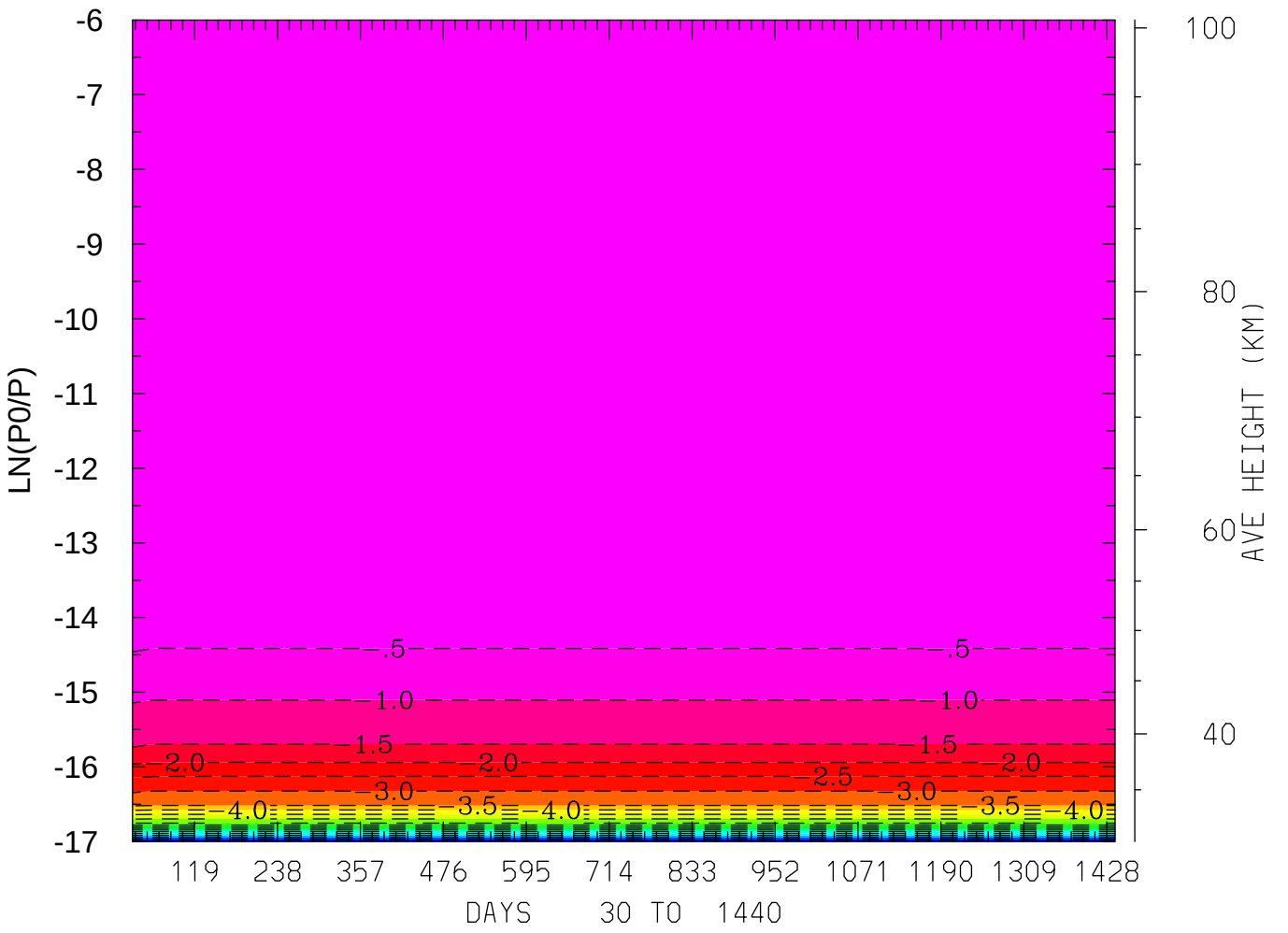


ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001

F107D= 150.00 MINUS F107D= 150.00



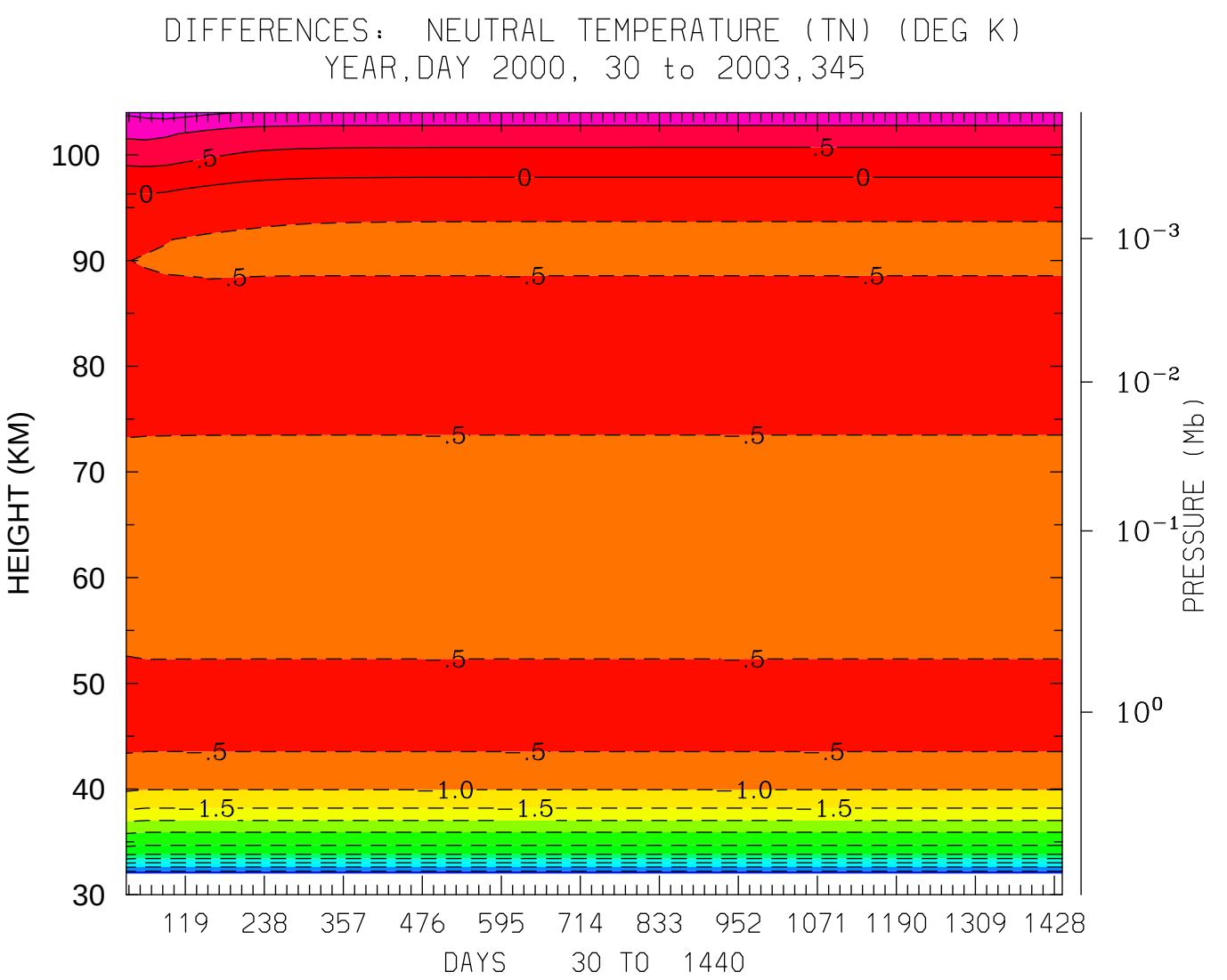
ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001



MIN,MAX= -1.0000E+01 -3.3768E-02 INTERVAL= 5.0000E-01

IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

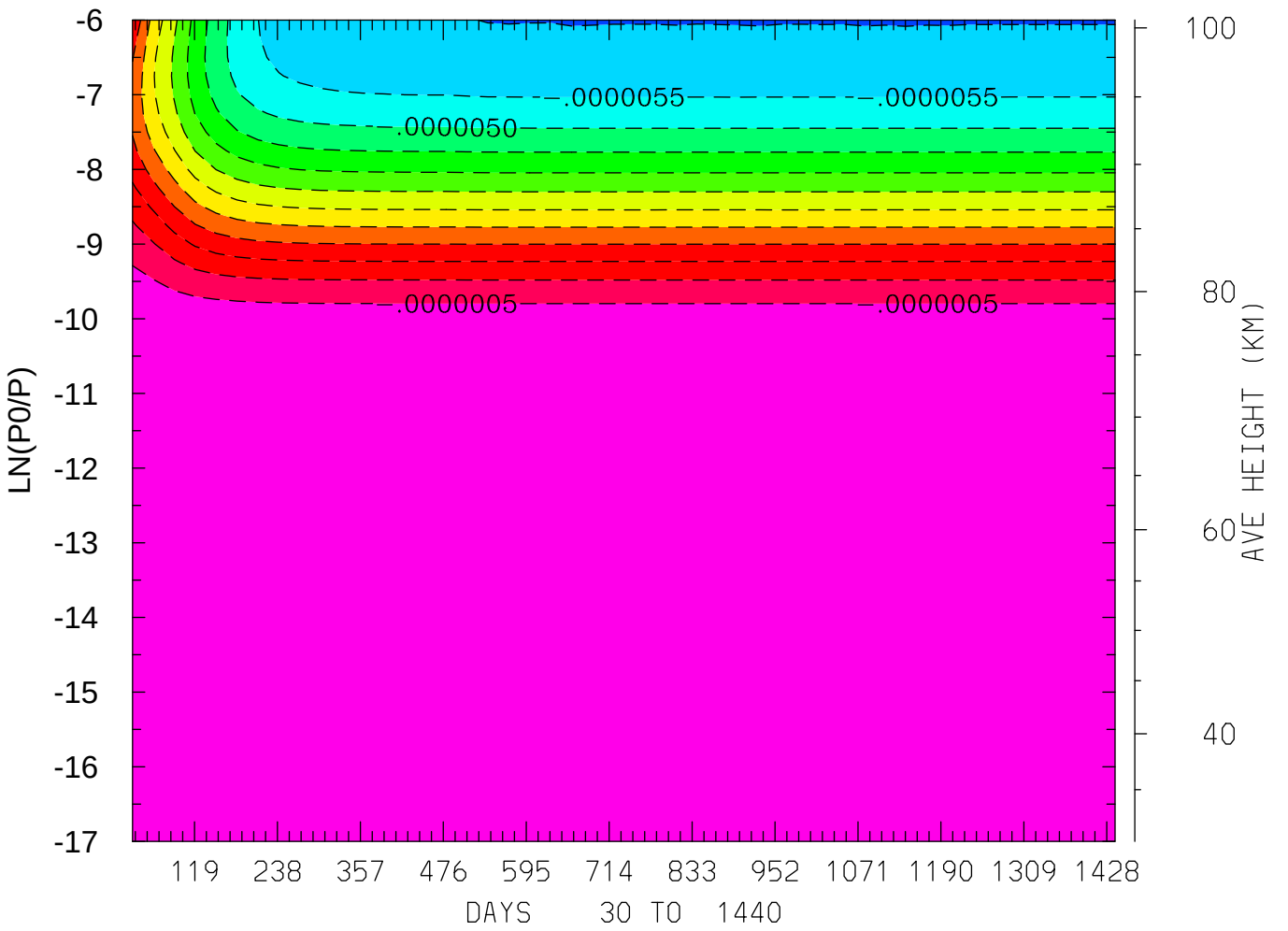
AVE F107D= 150.00 MINUS F107D= 150.00



MIN,MAX= -5.7810E+00 1.6948E+00 INTERVAL= 5.0000E-01

IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

AVE F107D= 150.00 MINUS F107D= 150.00

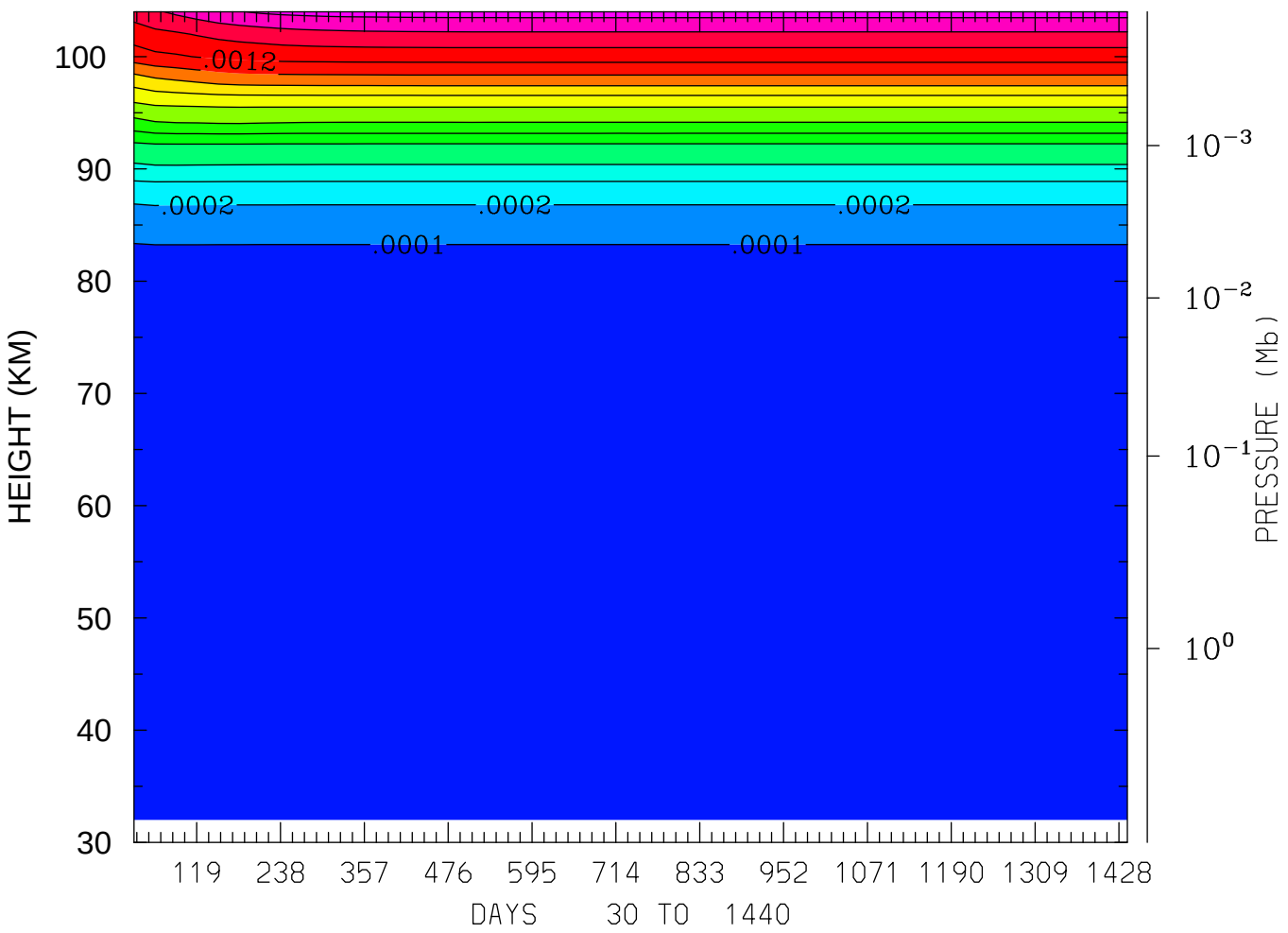


MIN,MAX= -6.0201E-06 -3.6633E-12 INTERVAL= 5.0000E-07

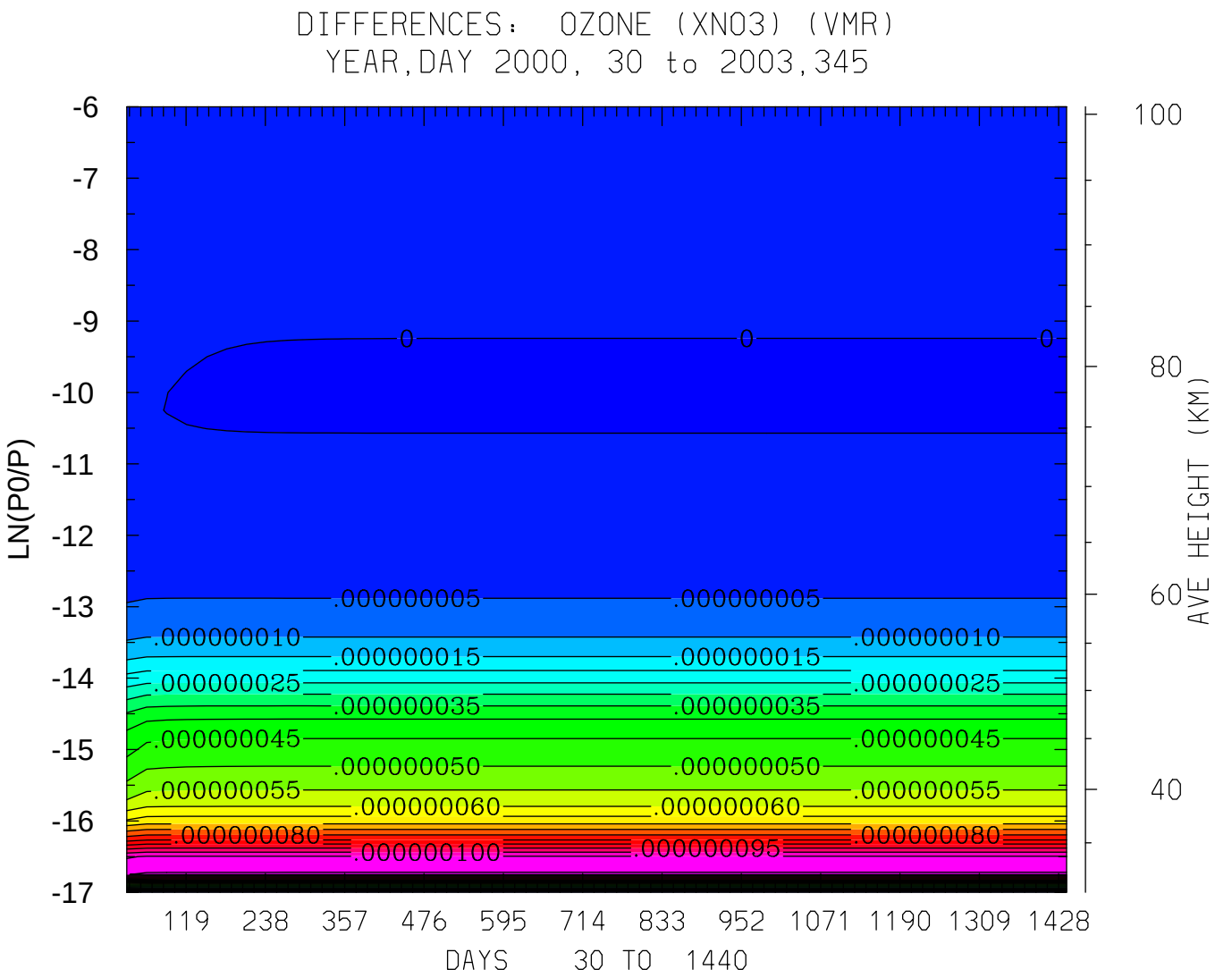
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: ATOMIC OXYGEN (XNO) (VMR)
YEAR,DAY 2000, 30 to 2003,345



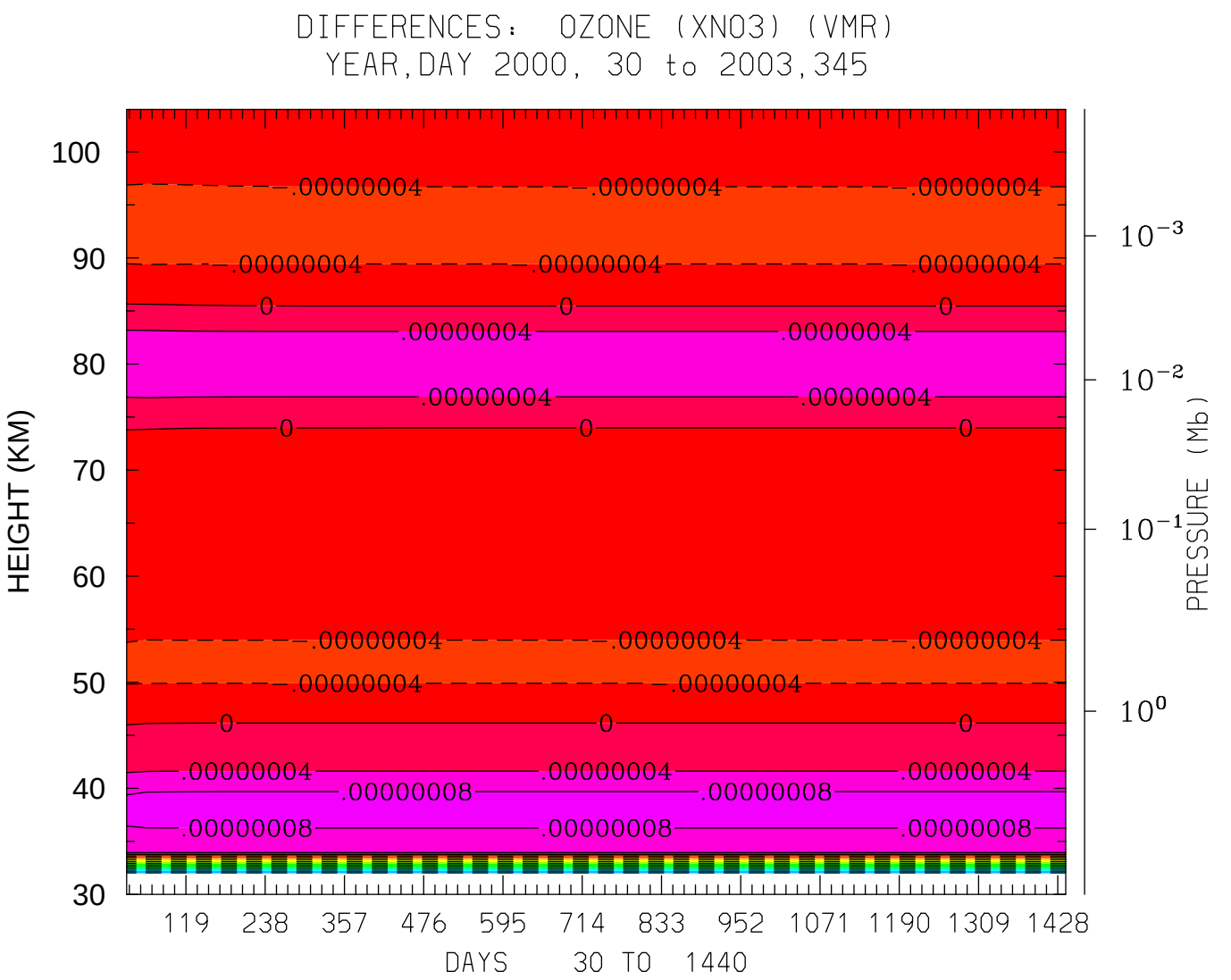
MIN,MAX= -6.2486E-12 1.5417E-03 INTERVAL= 1.0000E-04
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00



MIN,MAX= -1.1652E-09 1.1063E-07 INTERVAL= 5.0000E-09

IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

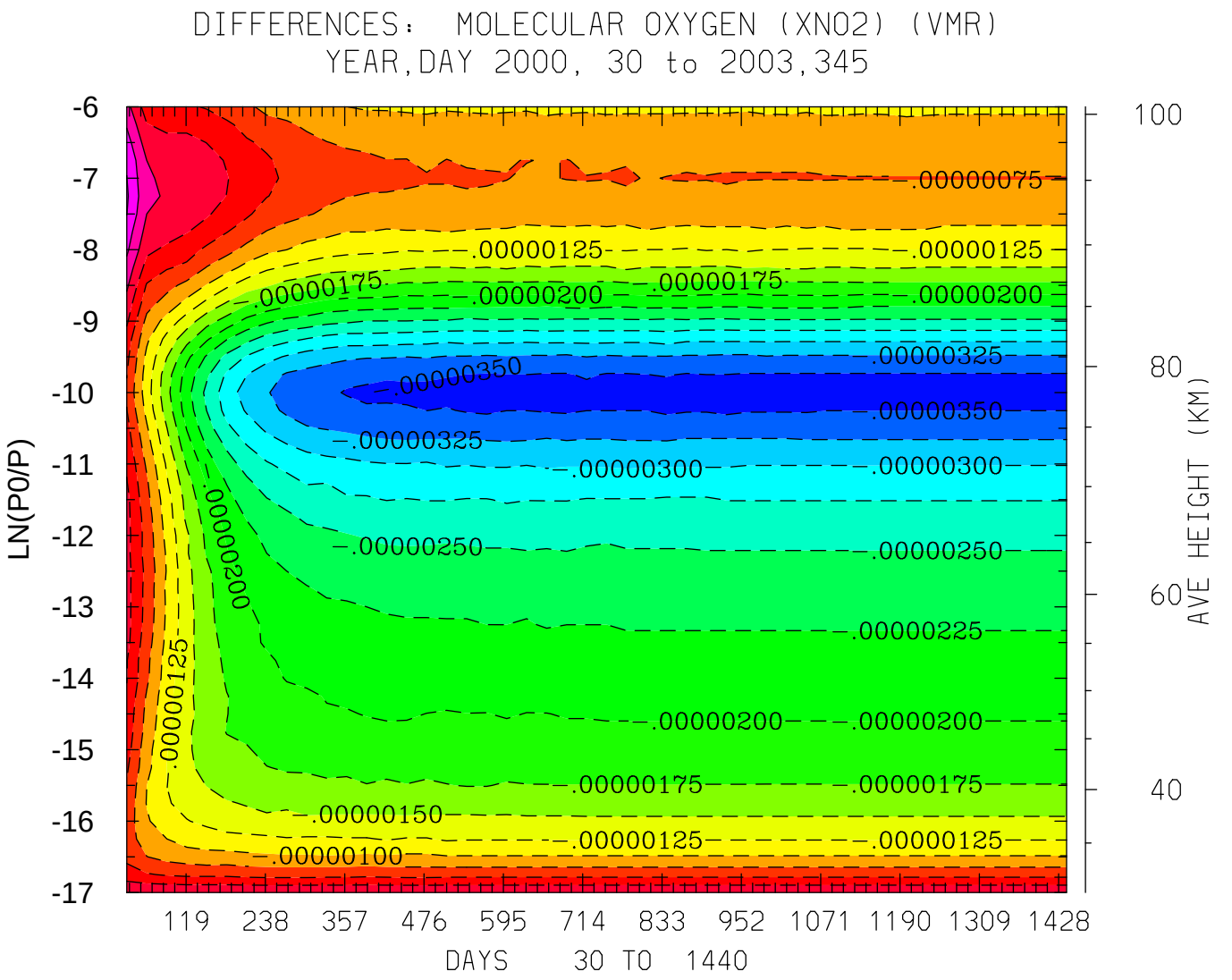
AVE F107D= 150.00 MINUS F107D= 150.00



MIN,MAX= -4.0770E-07 9.7759E-08 INTERVAL= 4.0000E-08

IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

AVE F107D= 150.00 MINUS F107D= 150.00

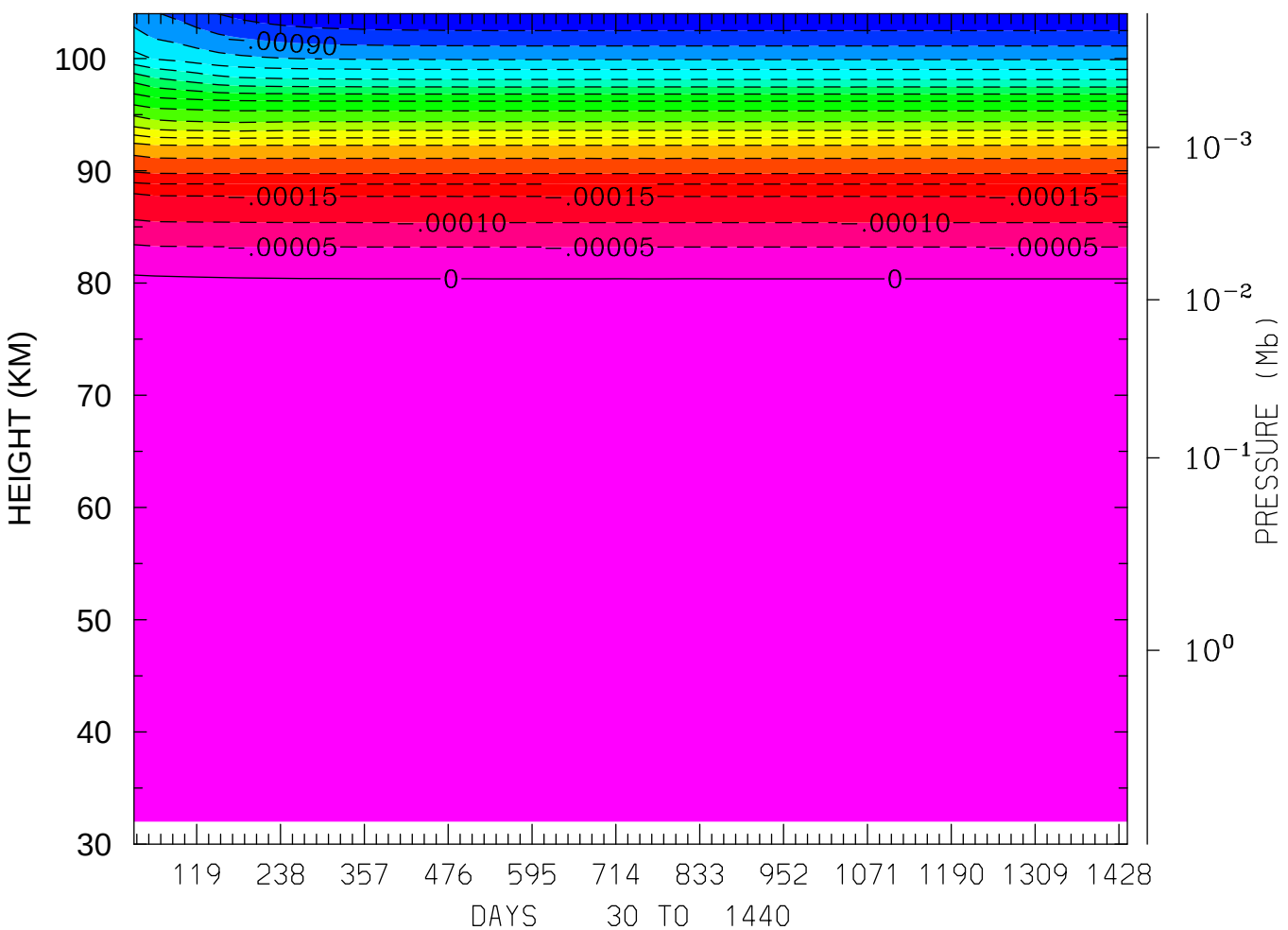


MIN,MAX= -3.5912E-06 5.3644E-07 INTERVAL= 2.5000E-07

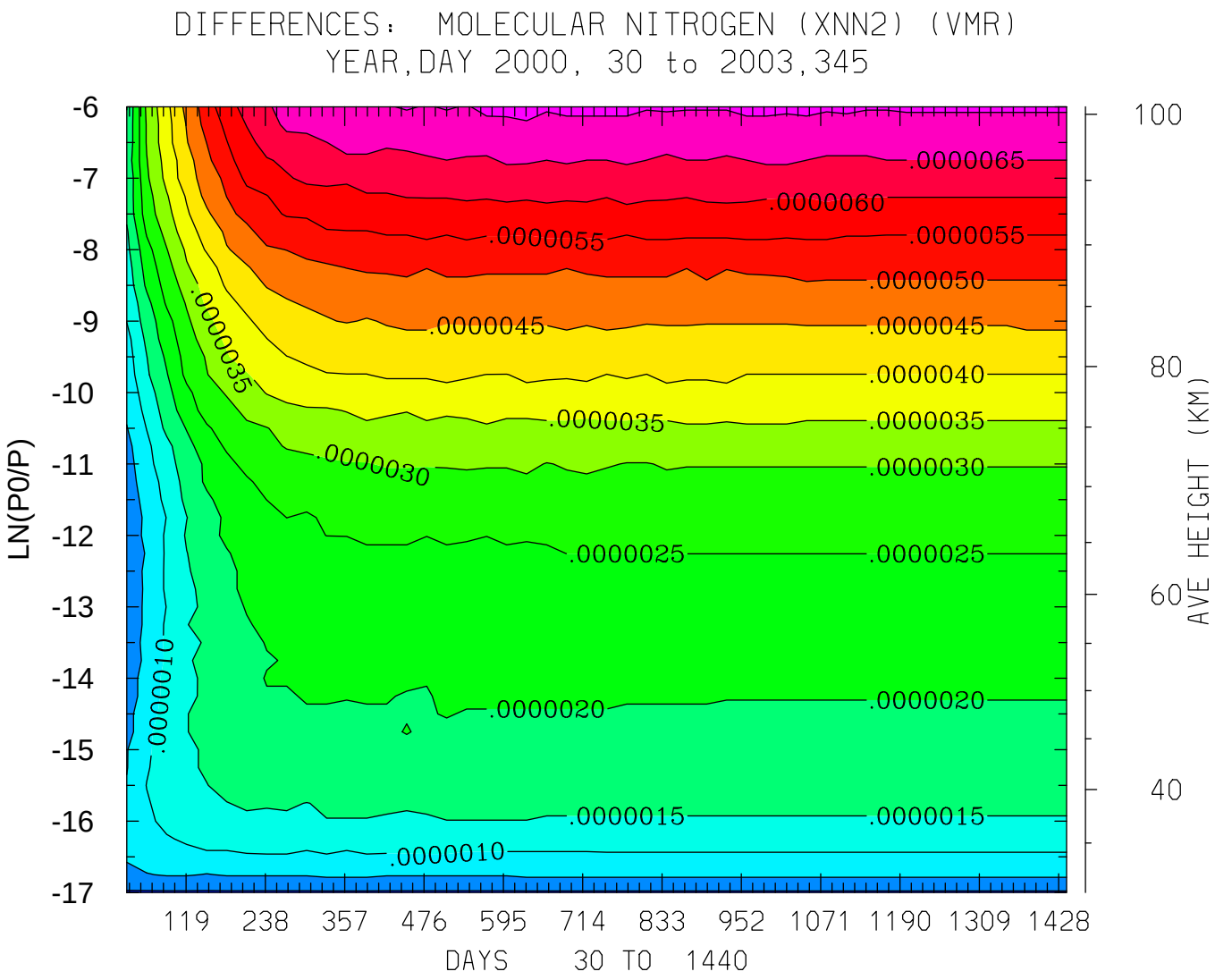
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: MOLECULAR OXYGEN (XNO2) (VMR)
YEAR,DAY 2000, 30 to 2003,345



MIN,MAX= -9.9771E-04 2.0742E-05 INTERVAL= 5.0000E-05
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

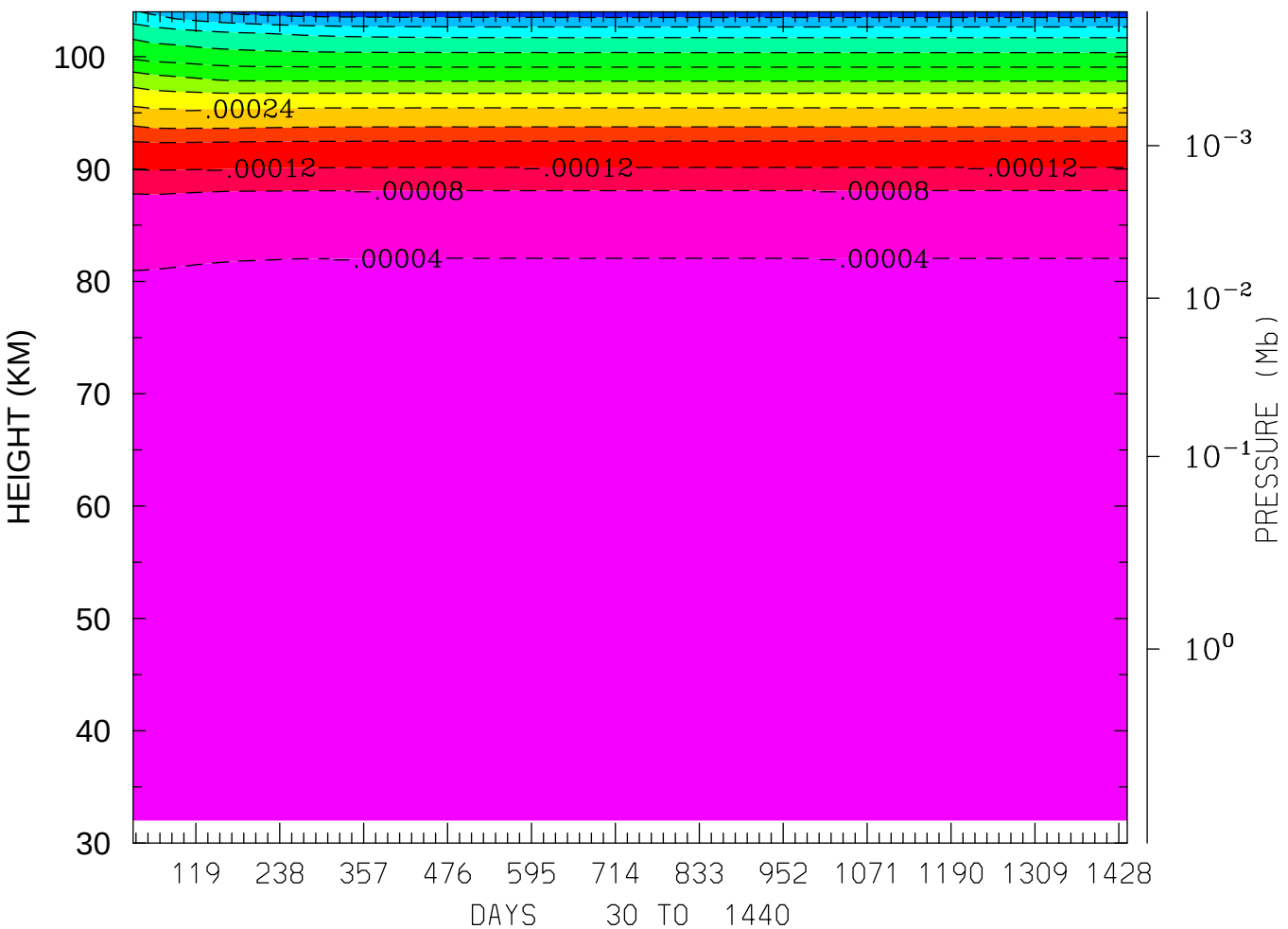


MIN,MAX= -5.9605E-08 7.0930E-06 INTERVAL= 5.0000E-07

IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

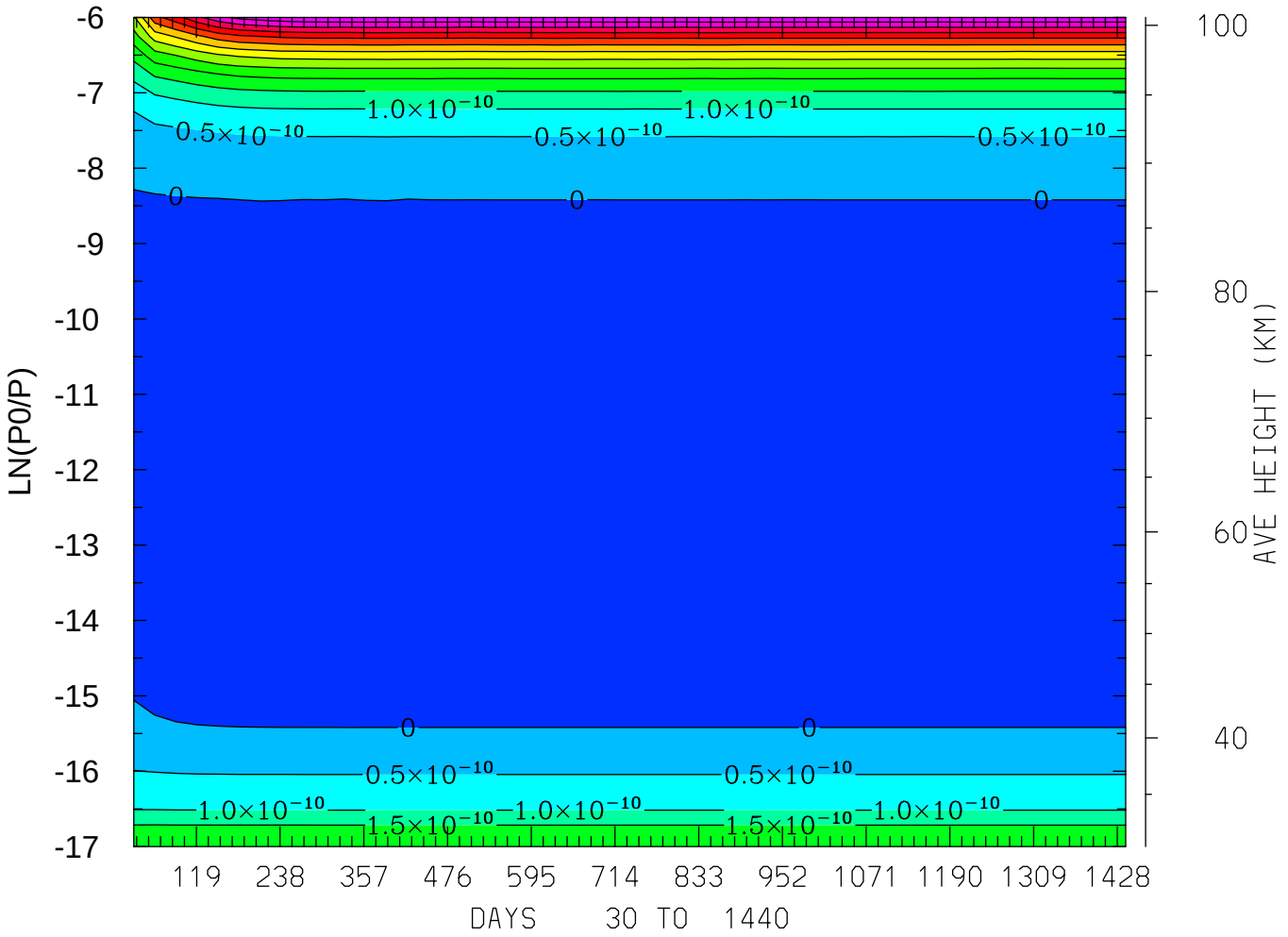
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: MOLECULAR NITROGEN (XNN2) (VMR)
YEAR,DAY 2000, 30 to 2003,345



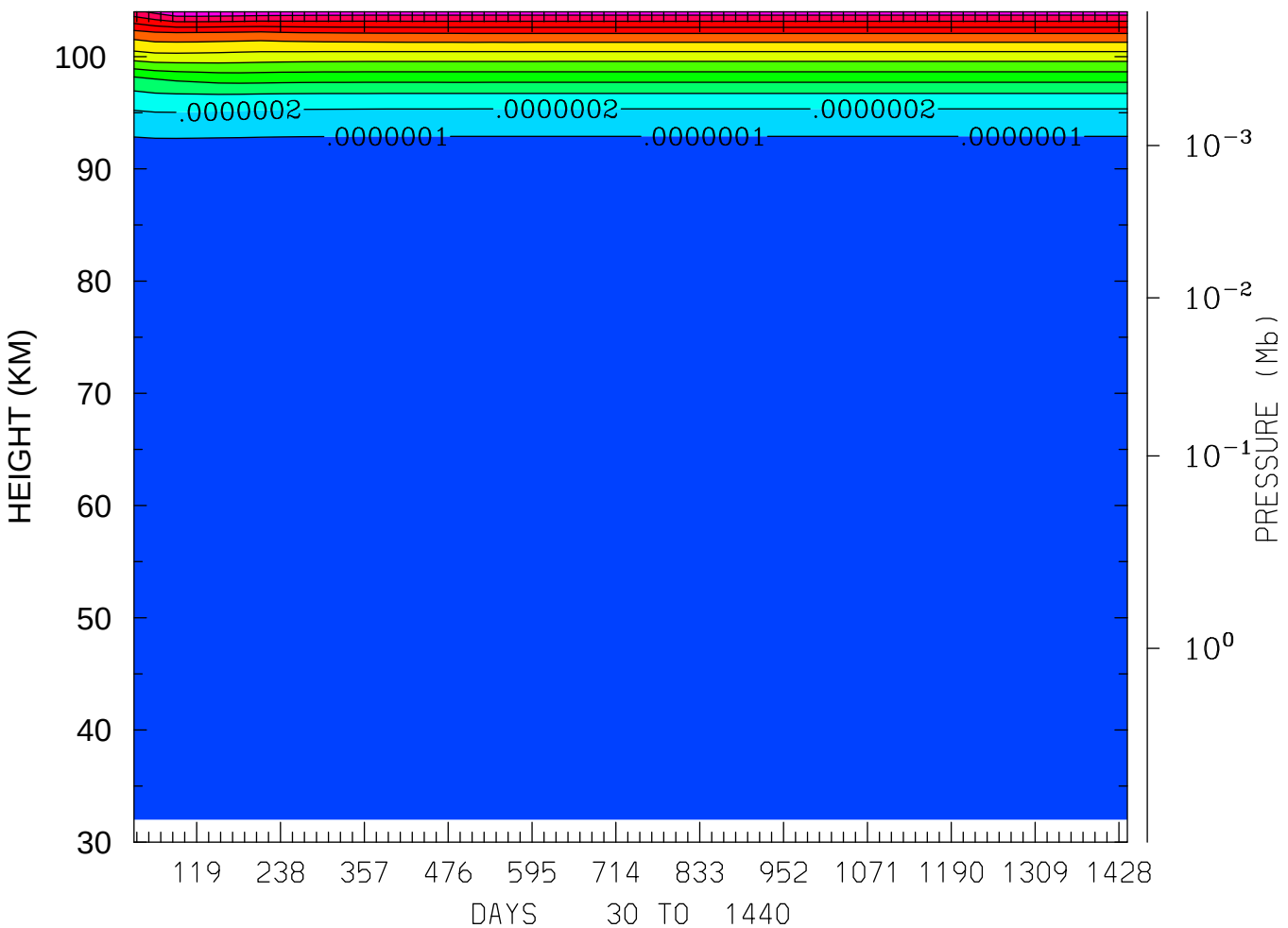
MIN,MAX= -5.4419E-04 -7.1526E-07 INTERVAL= 4.0000E-05
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: NITRIC OXIDE (XNNO) (VMR)
YEAR,DAY 2000, 30 to 2003,345

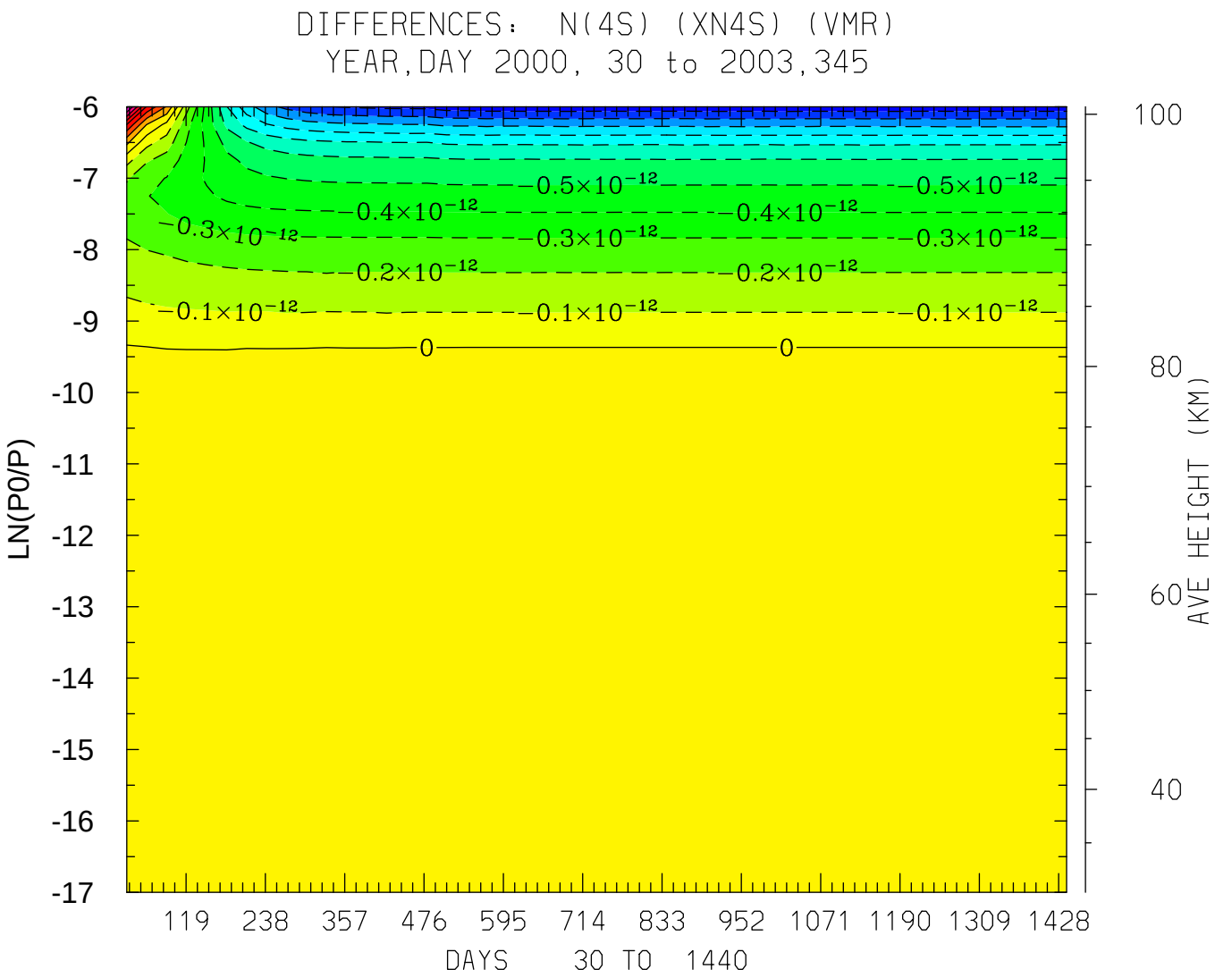


MIN,MAX= -3.1803E-11 6.4574E-10 INTERVAL= 5.0000E-11
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: NITRIC OXIDE (XNNO) (VMR)
YEAR,DAY 2000, 30 to 2003,345



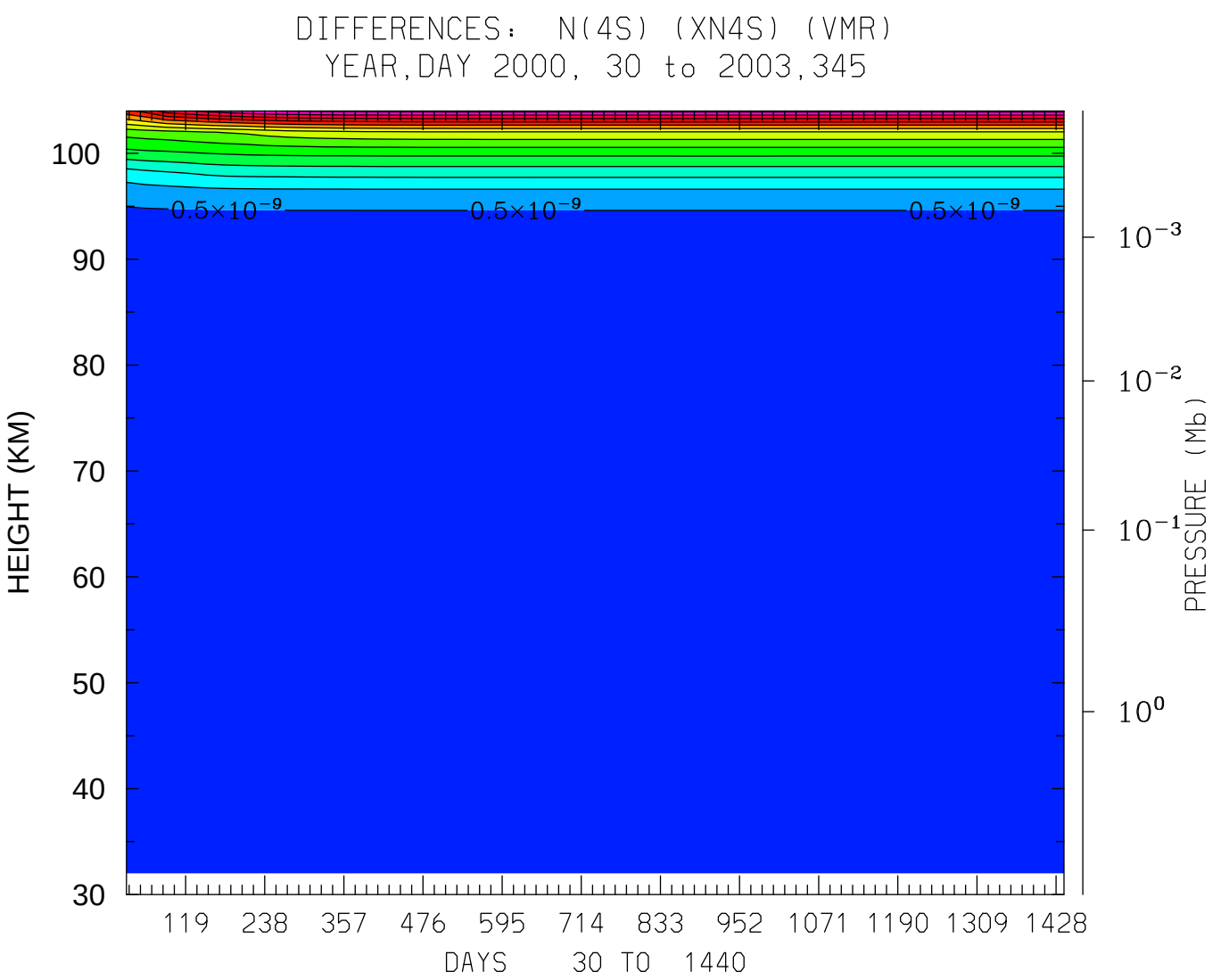
MIN,MAX= -5.4248E-11 1.2833E-06 INTERVAL= 1.0000E-07
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00



MIN,MAX= -1.1653E-12 8.2778E-13 INTERVAL= 1.0000E-13

IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

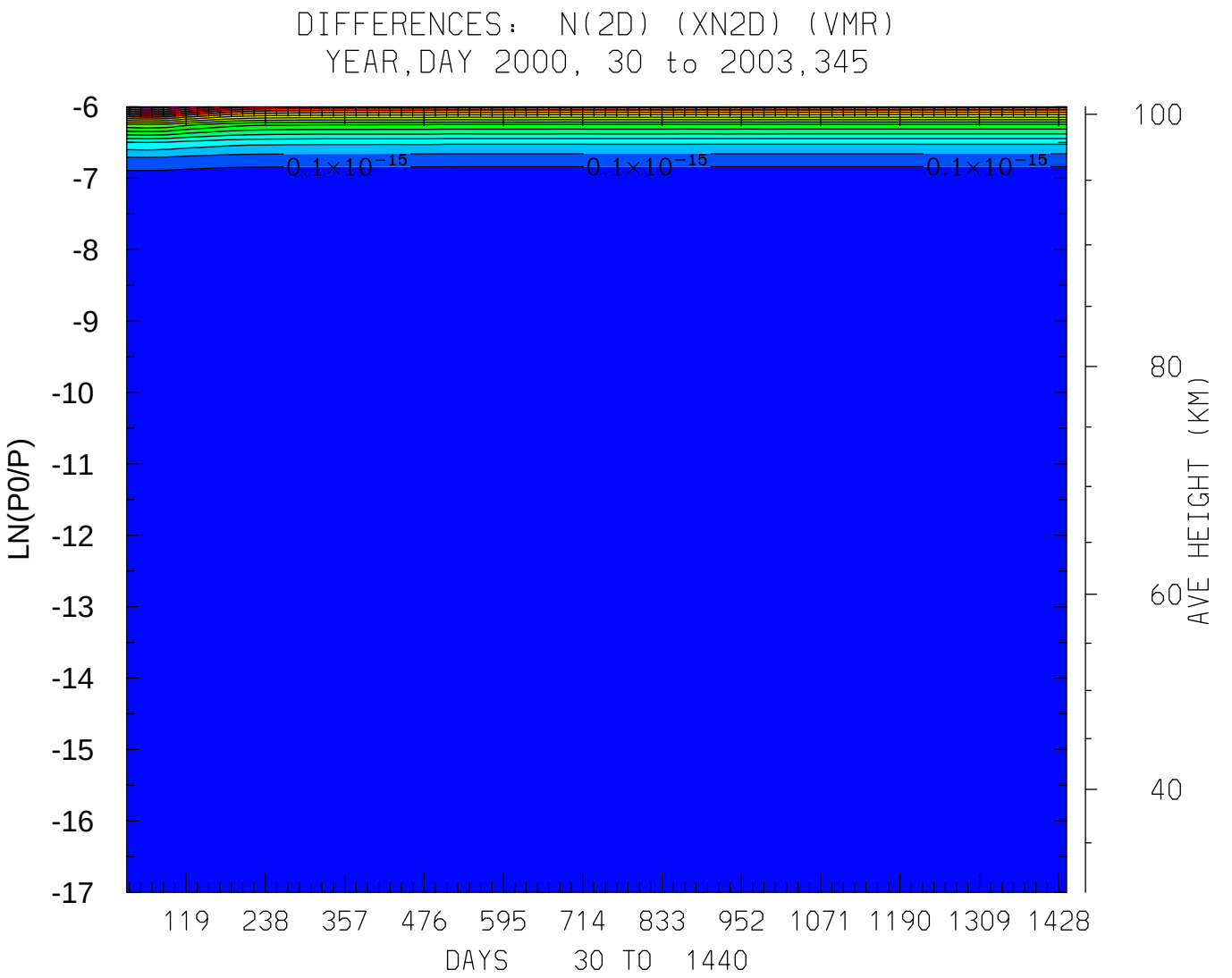
AVE F107D= 150.00 MINUS F107D= 150.00



MIN,MAX= 3.9497E-17 7.1373E-09 INTERVAL= 5.0000E-10

IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

AVE F107D= 150.00 MINUS F107D= 150.00

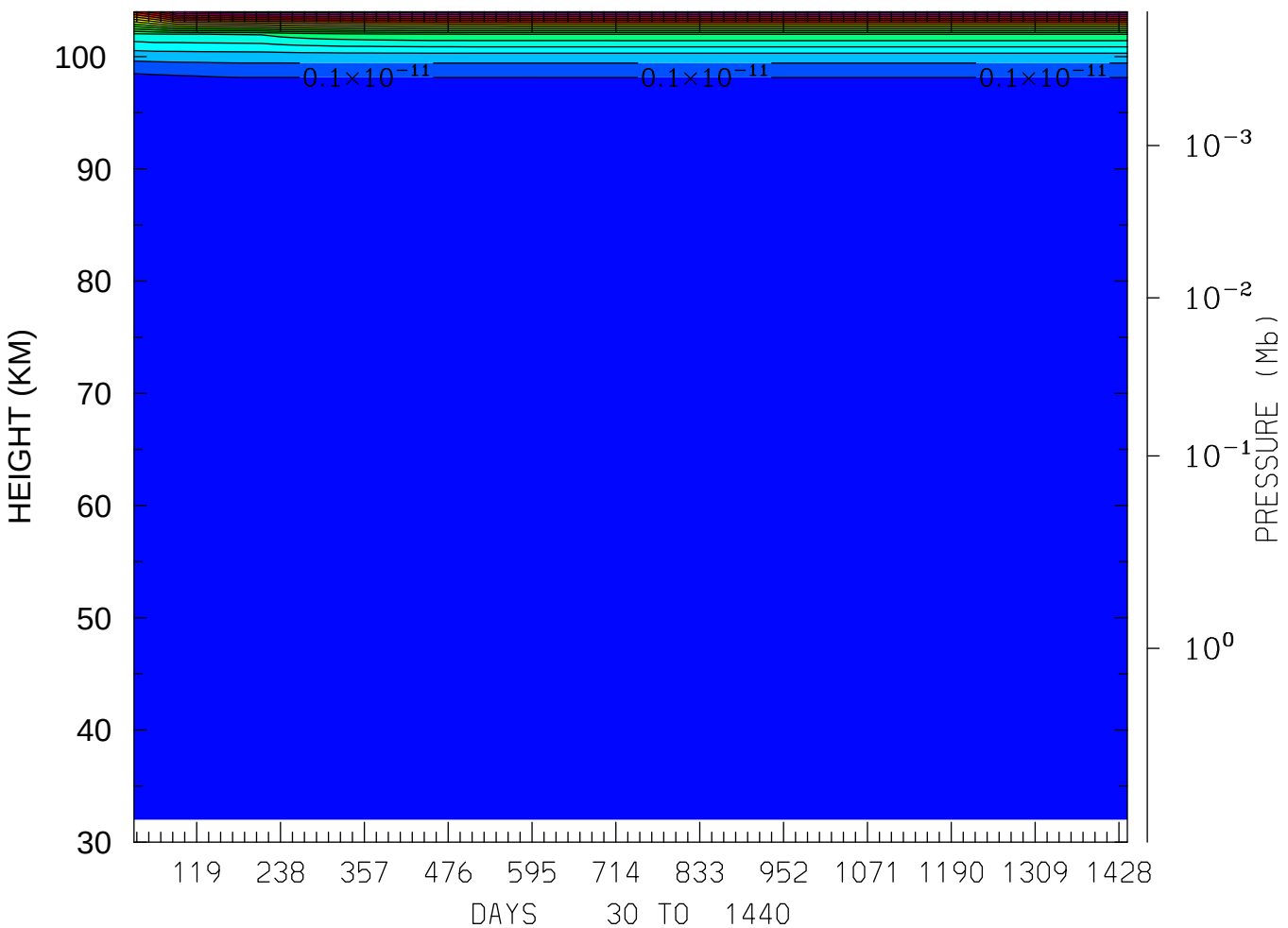


MIN,MAX= -9.6694E-19 1.8735E-15 INTERVAL= 1.0000E-16

IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

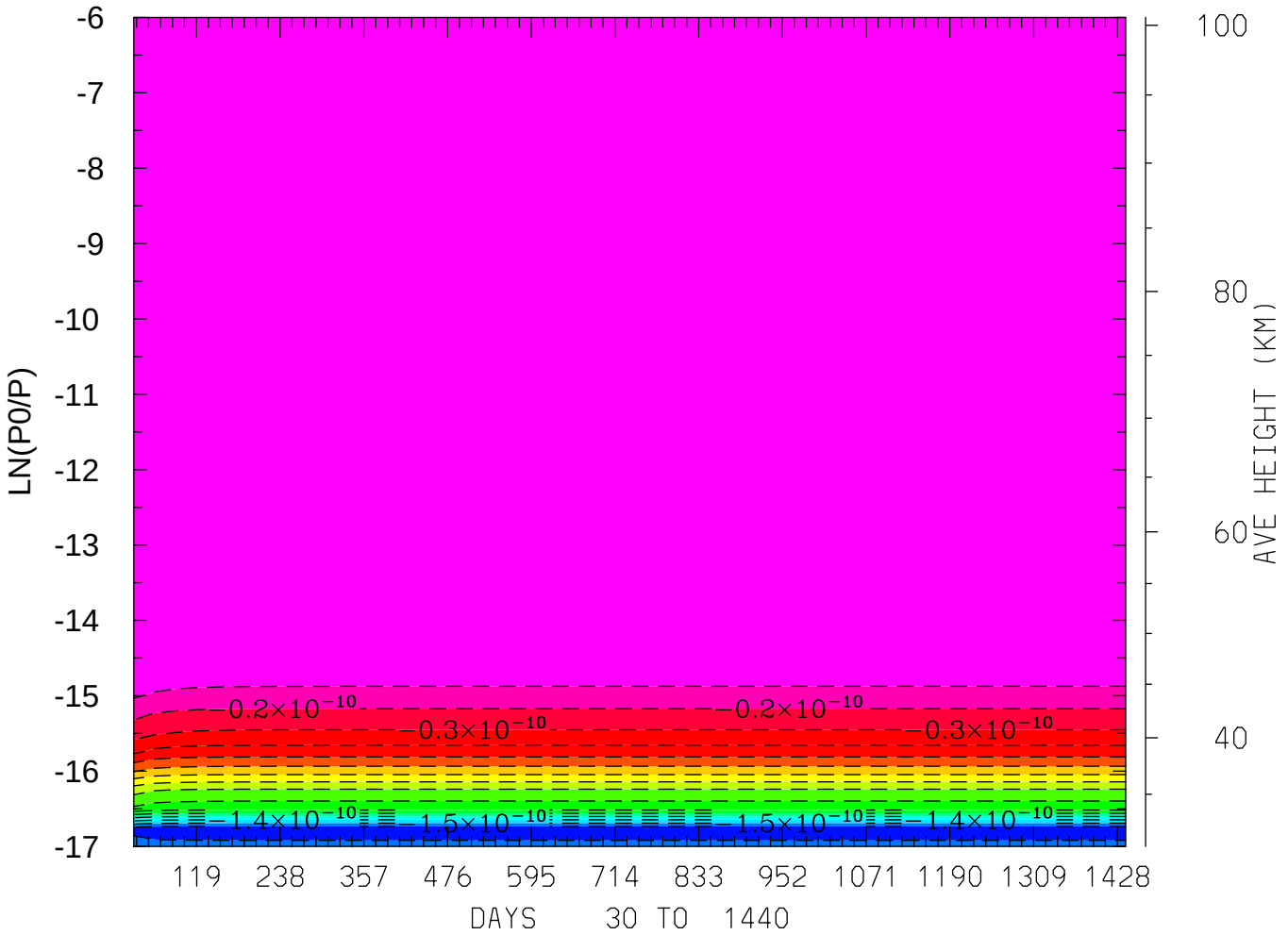
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: N(2D) (XN2D) (VMR)
YEAR,DAY 2000, 30 to 2003,345

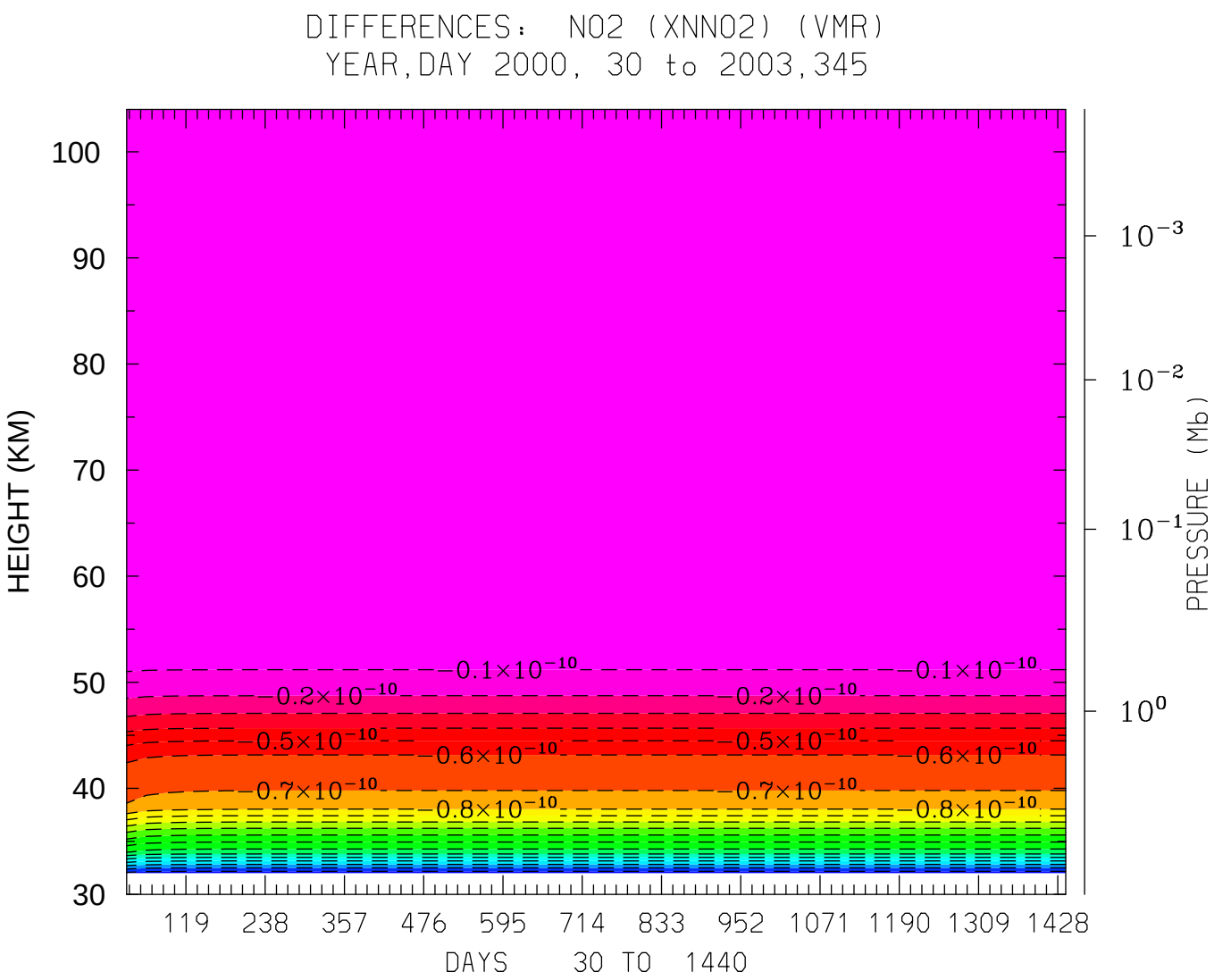


MIN,MAX= -2.8553E-26 1.8726E-11 INTERVAL= 1.0000E-12
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: NO2 (XNNO2) (VMR)
YEAR,DAY 2000, 30 to 2003,345



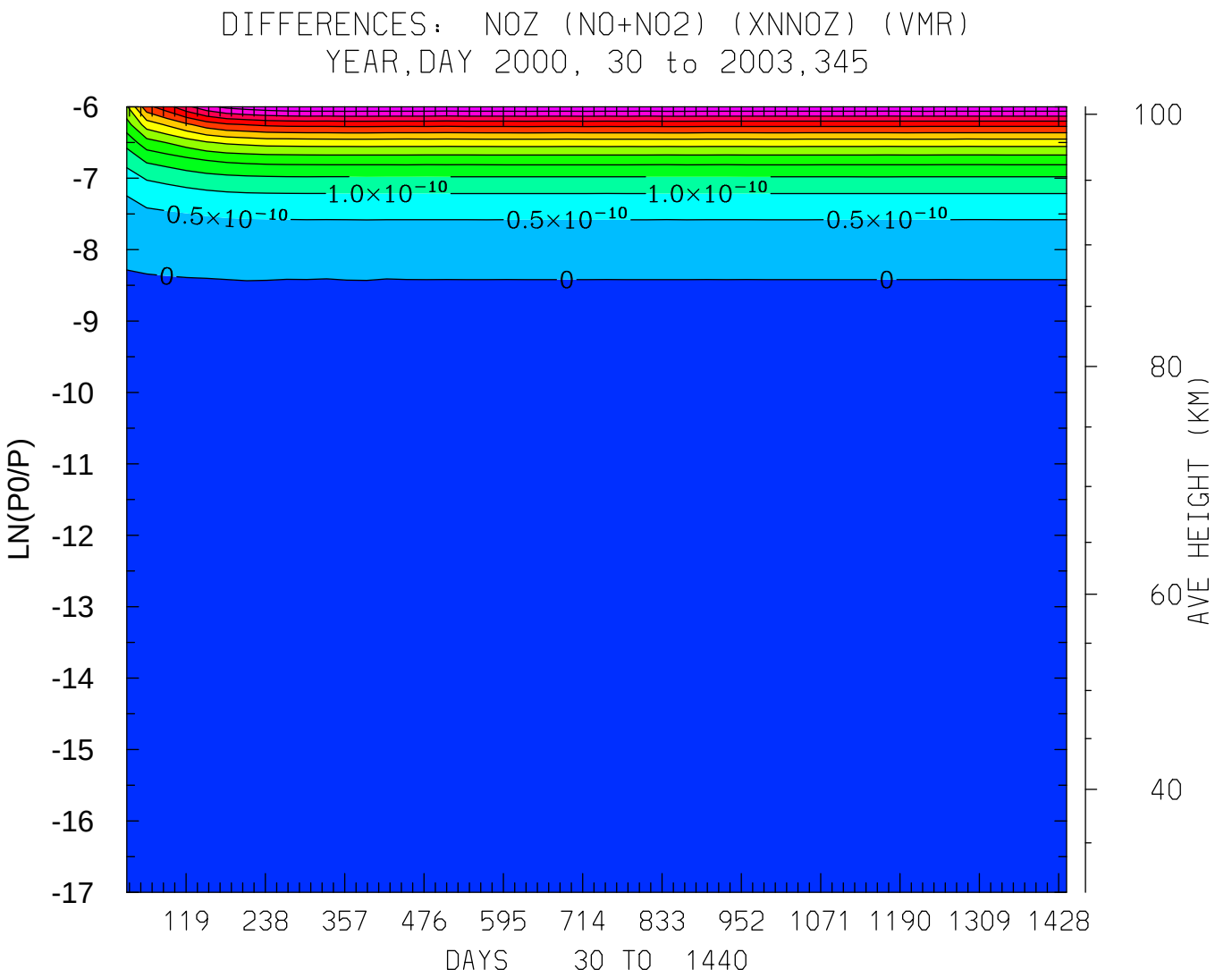
MIN,MAX= -1.6380E-10 6.1766E-15 INTERVAL= 1.0000E-11
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00



MIN,MAX= -2.0535E-10 -5.1729E-17 INTERVAL= 1.0000E-11

IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

AVE F107D= 150.00 MINUS F107D= 150.00

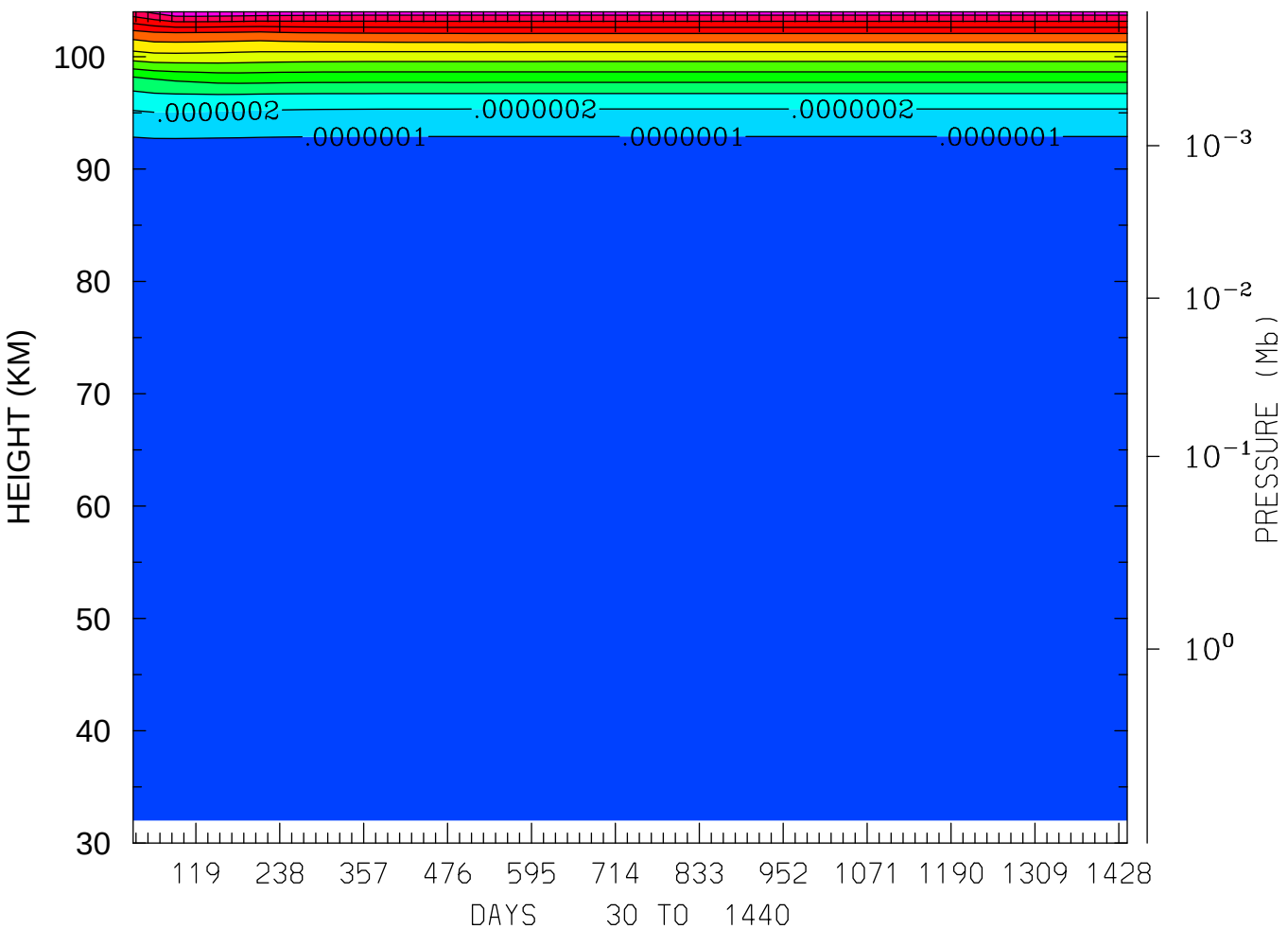


MIN,MAX= -3.3456E-11 6.4574E-10 INTERVAL= 5.0000E-11

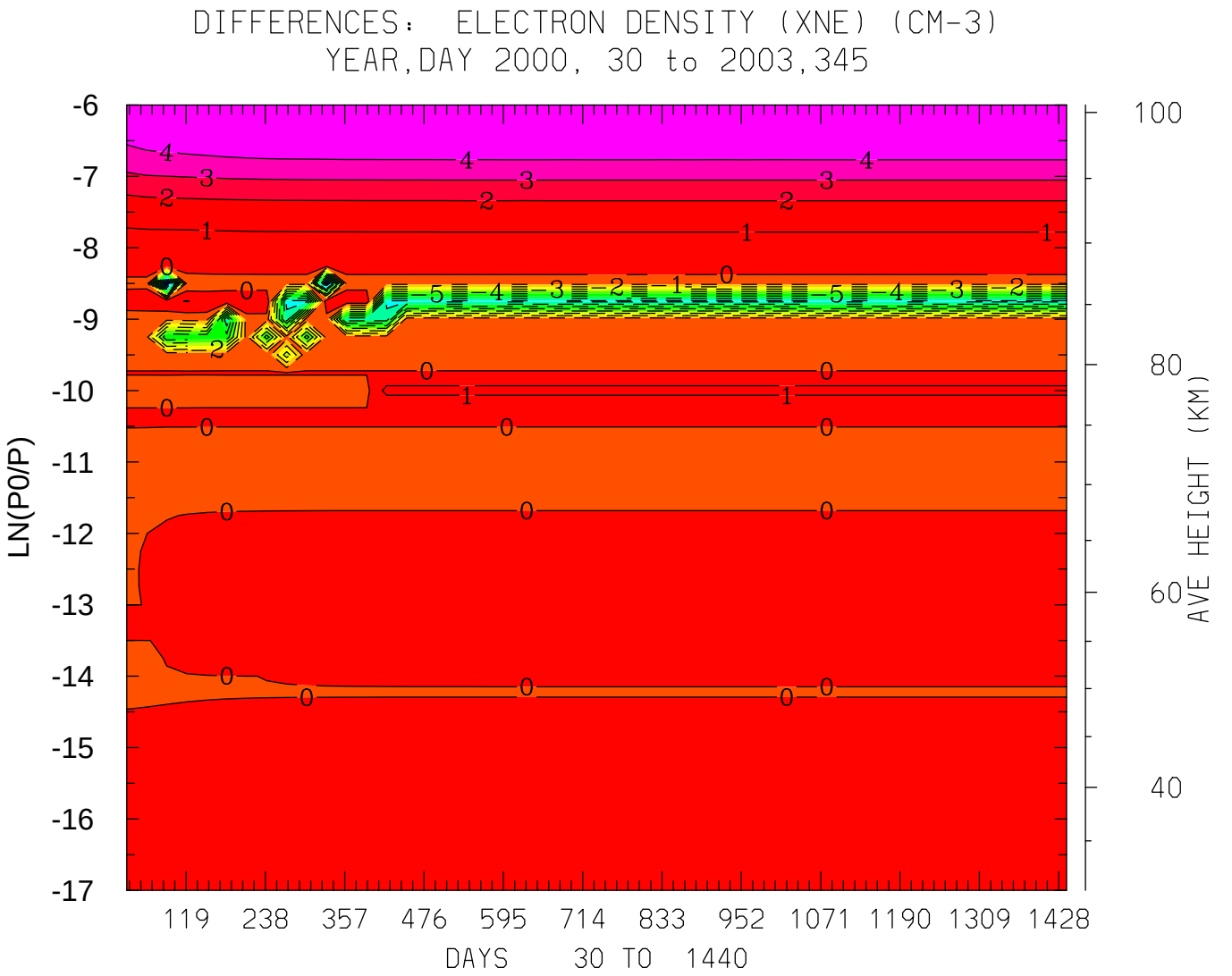
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: NOZ (NO+NO2) (XNNOZ) (VMR)
YEAR,DAY 2000, 30 to 2003,345



MIN,MAX= -5.5700E-11 1.2833E-06 INTERVAL= 1.0000E-07
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

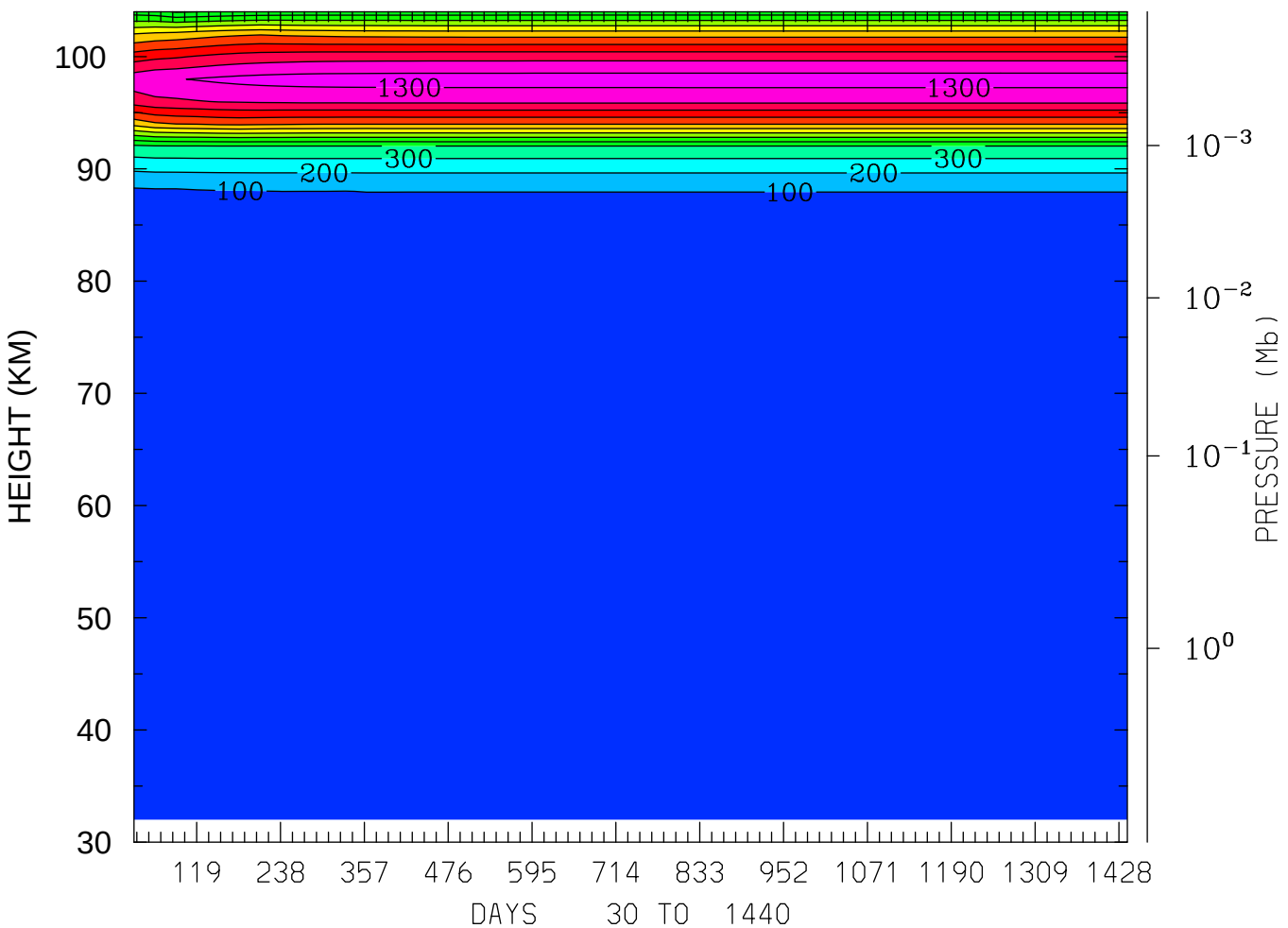


MIN,MAX= -1.1960E+01 4.9648E+00 INTERVAL= 1.0000E+00

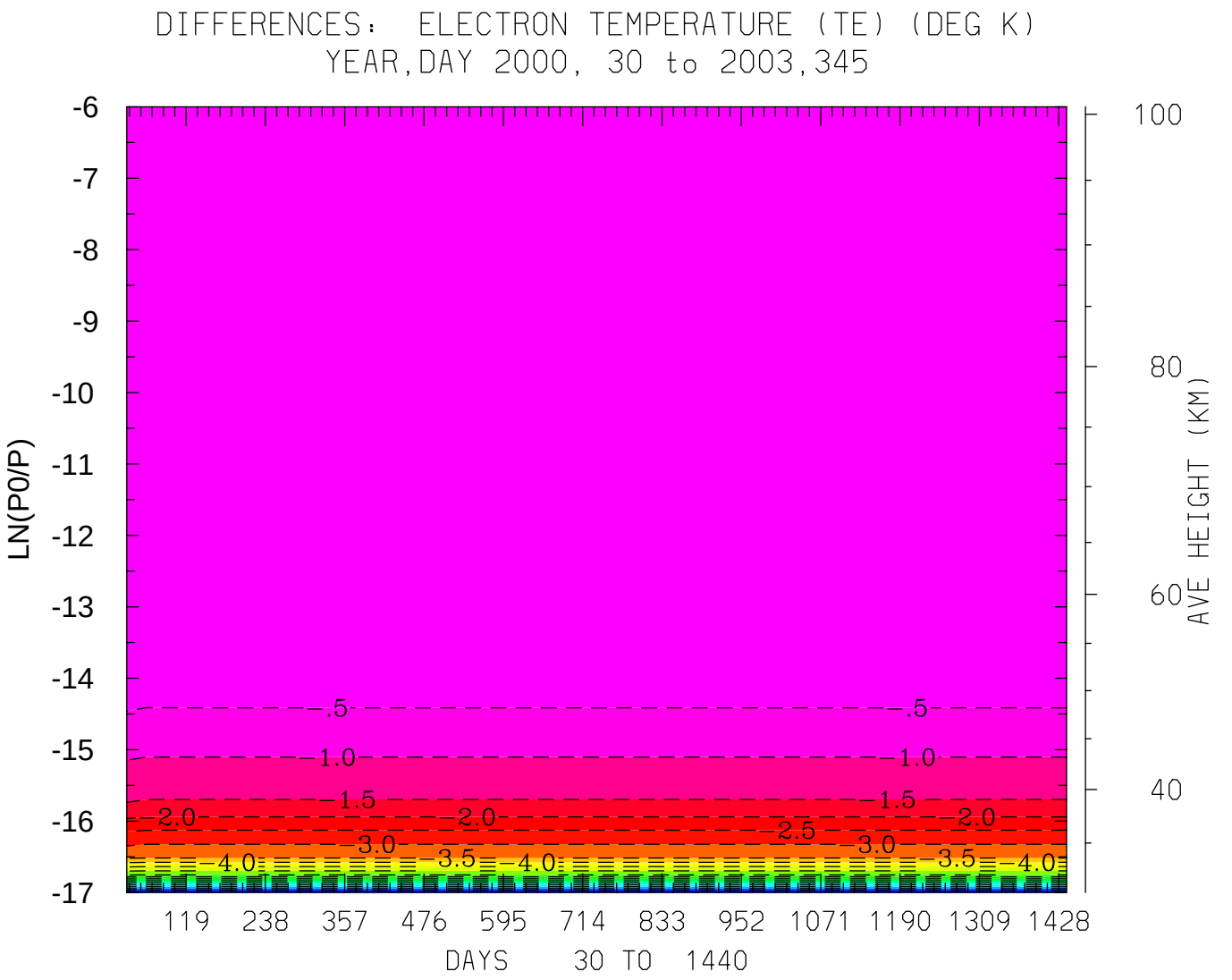
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: ELECTRON DENSITY (XNE) (CM-3)
YEAR,DAY 2000, 30 to 2003,345



MIN,MAX= 5.8984E-06 1.3483E+03 INTERVAL= 1.0000E+02
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

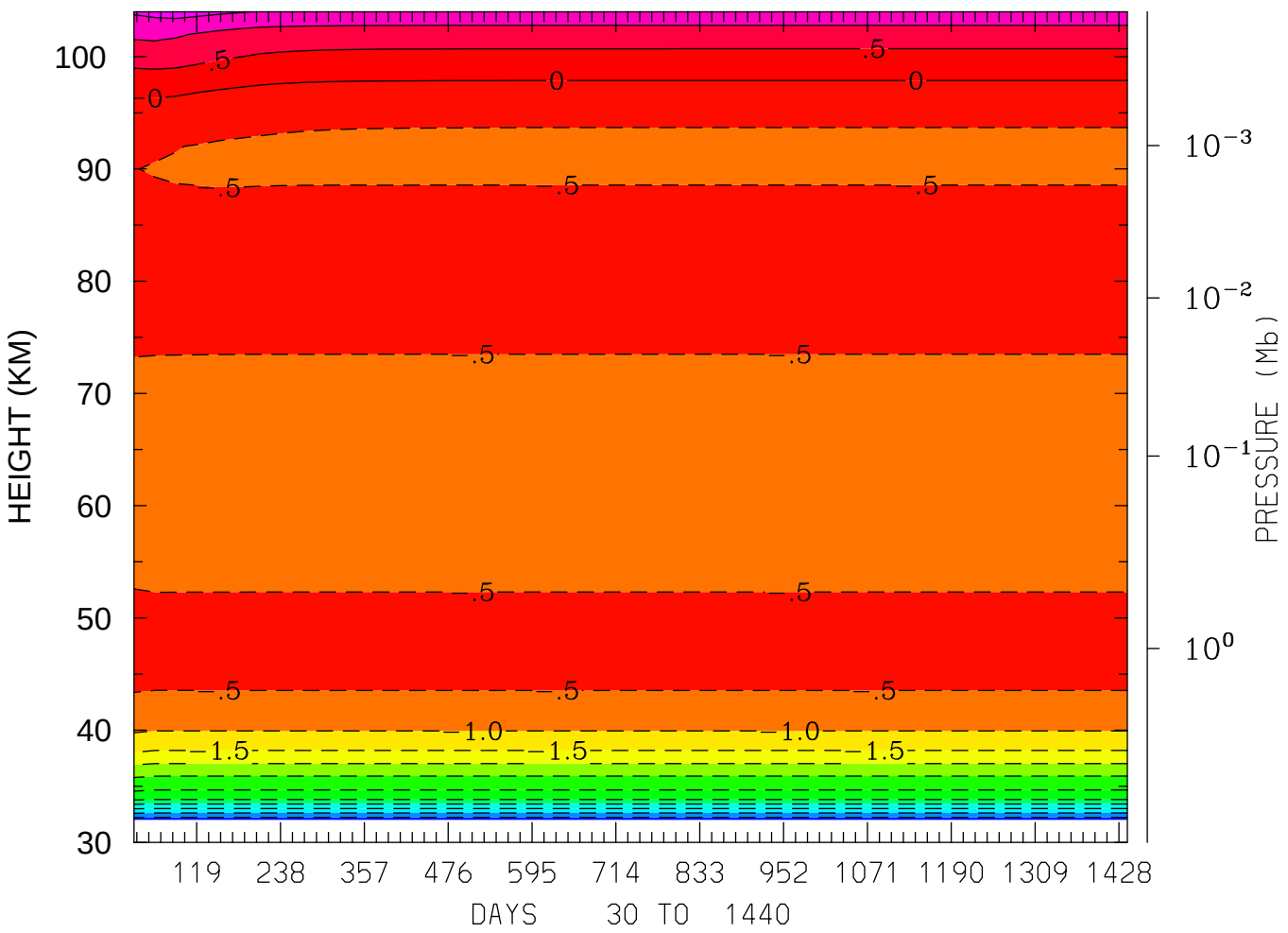


MIN,MAX= -1.0000E+01 -3.3691E-02 INTERVAL= 5.0000E-01

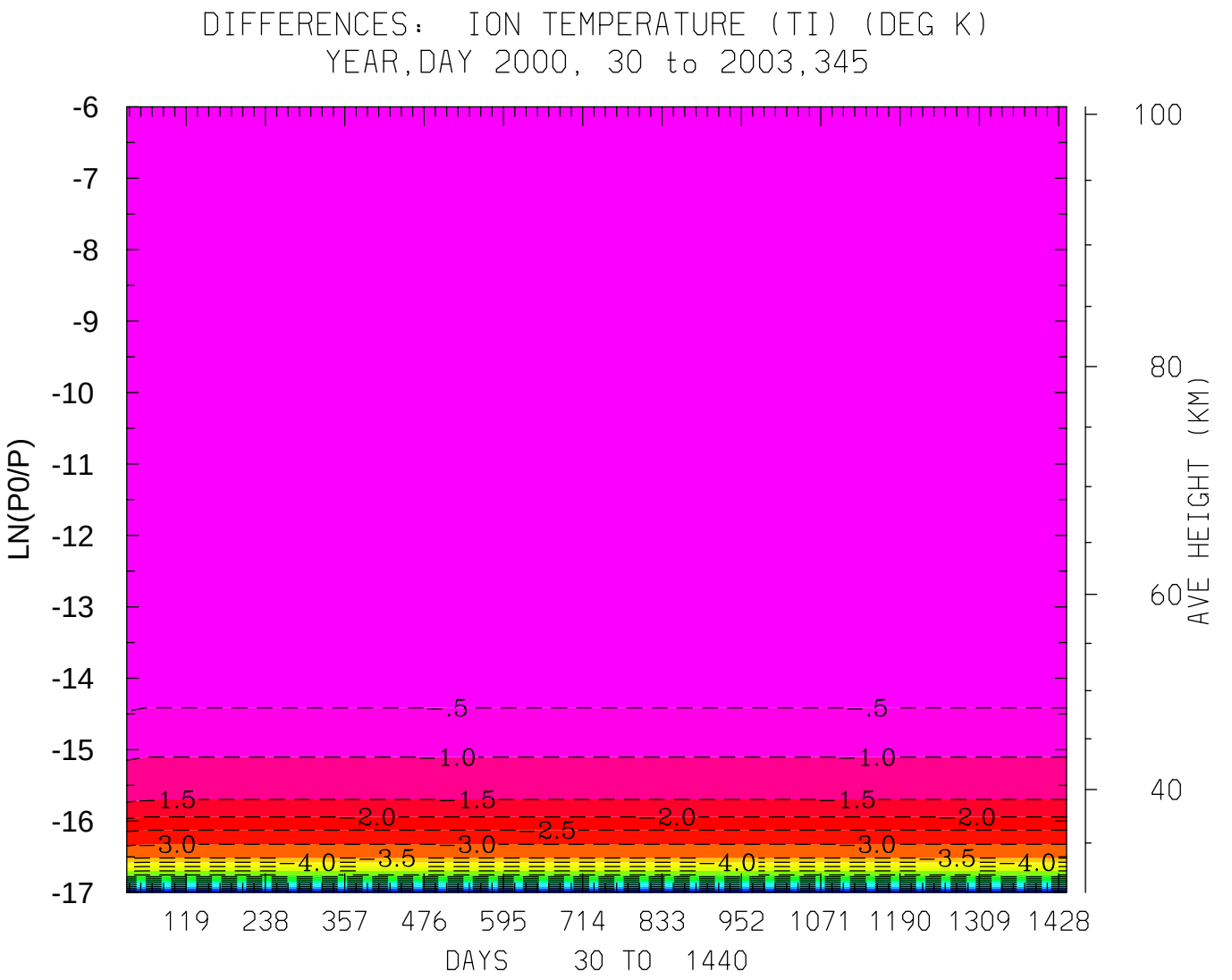
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: ELECTRON TEMPERATURE (TE) (DEG K)
YEAR,DAY 2000, 30 to 2003,345



MIN,MAX= -5.7810E+00 1.6954E+00 INTERVAL= 5.0000E-01
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

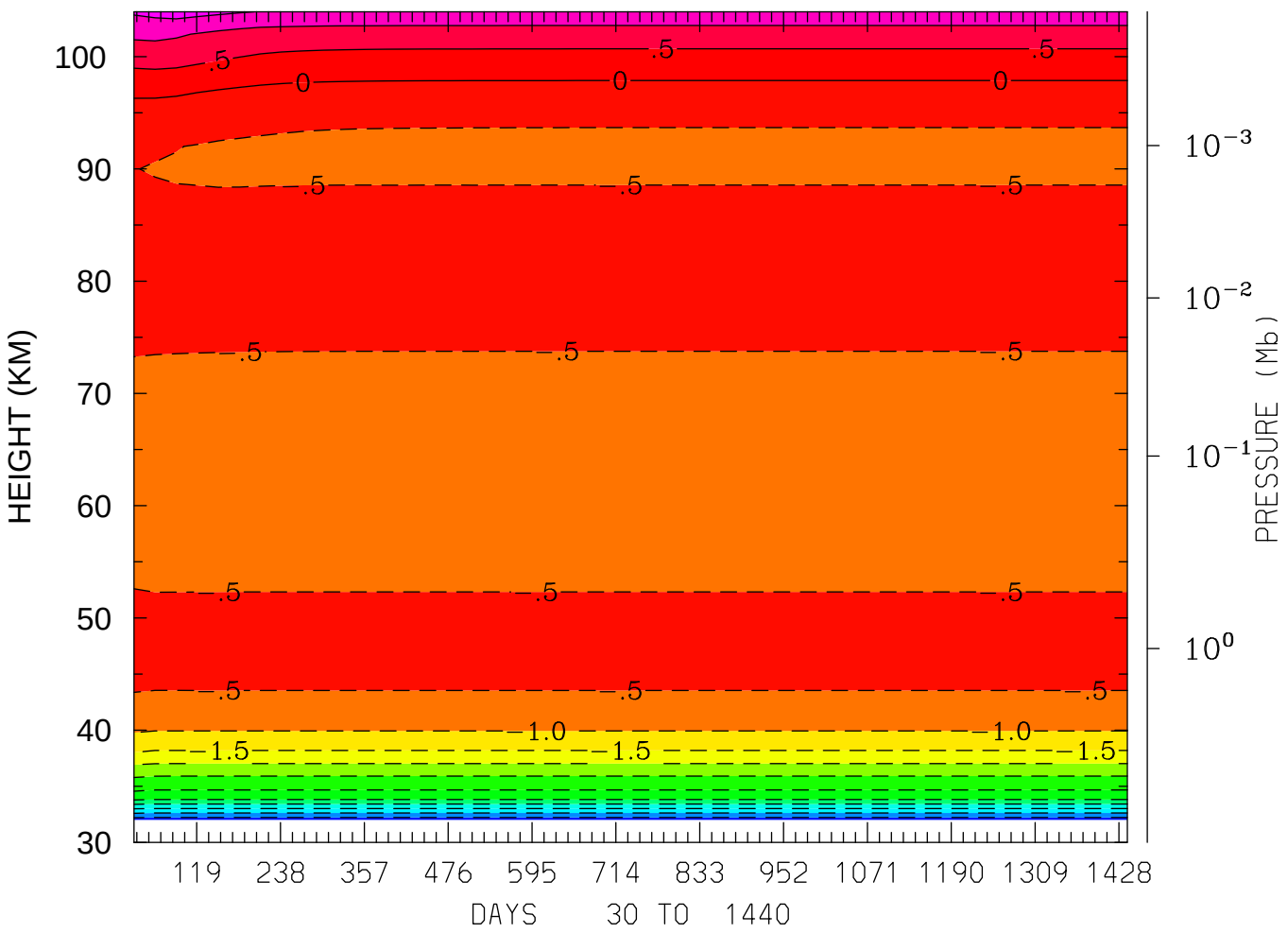


MIN,MAX= -9.9997E+00 -3.3707E-02 INTERVAL= 5.0000E-01

IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

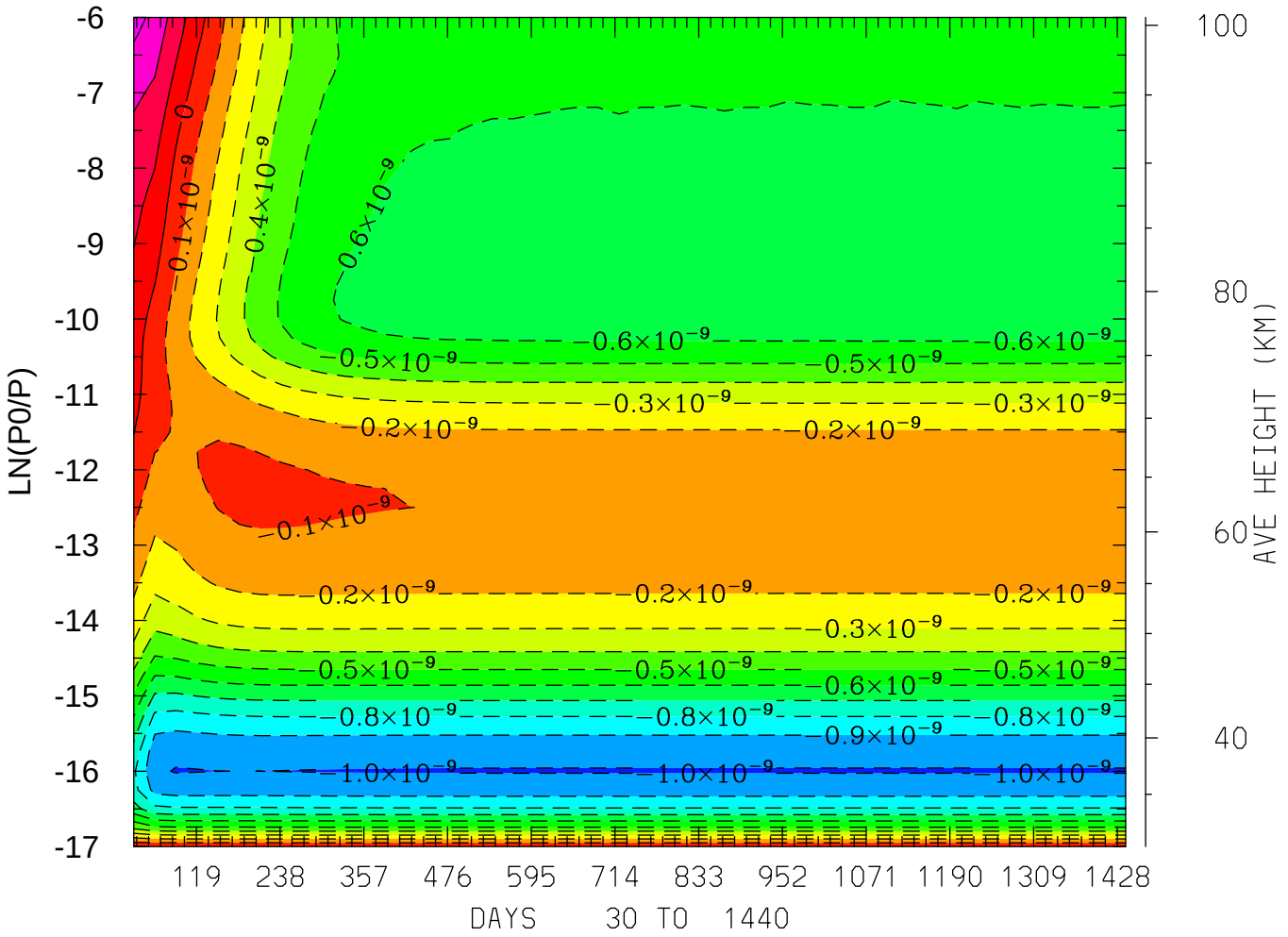
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: ION TEMPERATURE (TI) (DEG K)
YEAR,DAY 2000, 30 to 2003,345



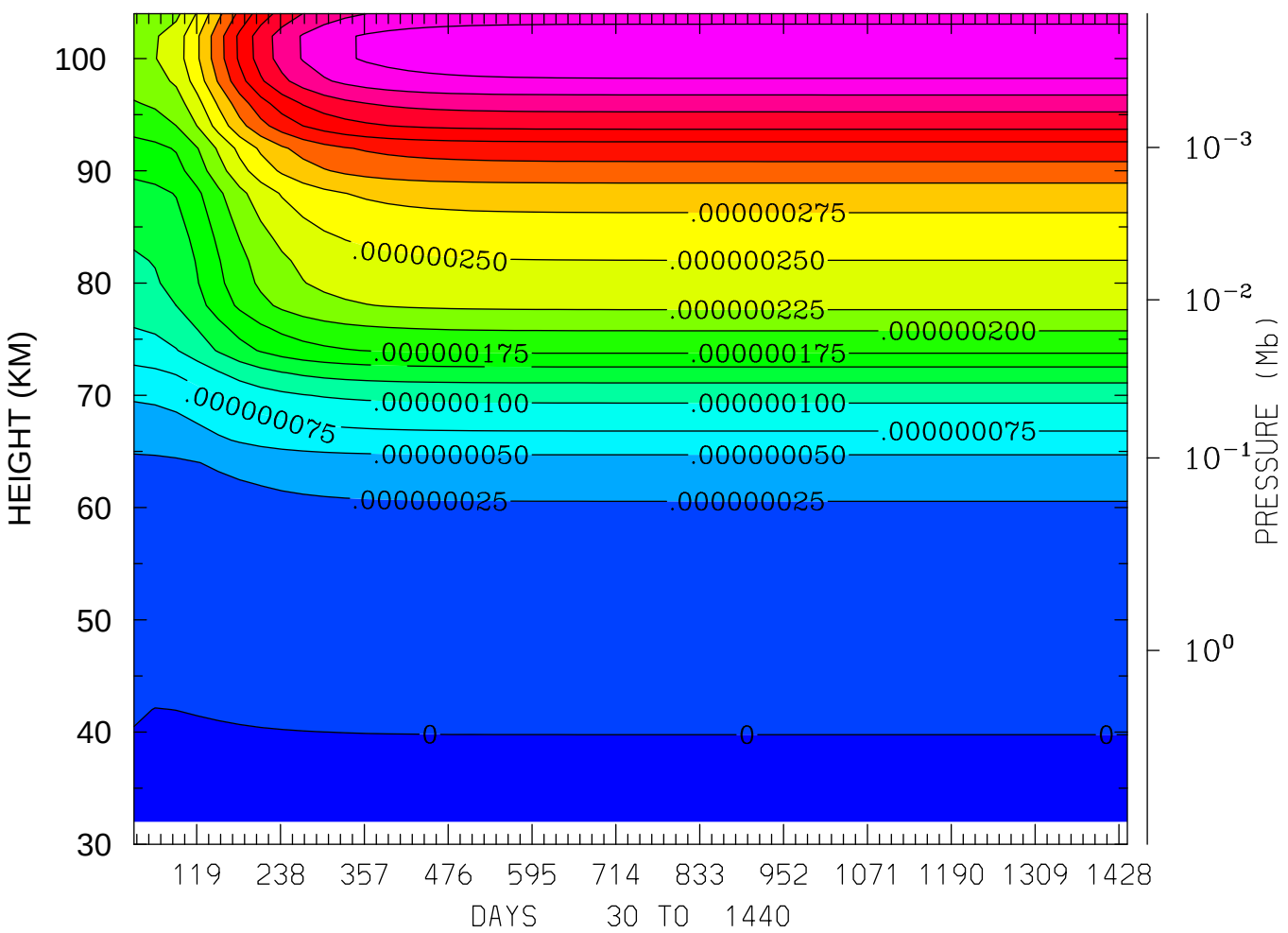
MIN,MAX= -5.7807E+00 1.7036E+00 INTERVAL= 5.0000E-01
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: CARBON MONOXIDE (XNCO) (VMR)
YEAR,DAY 2000, 30 to 2003,345



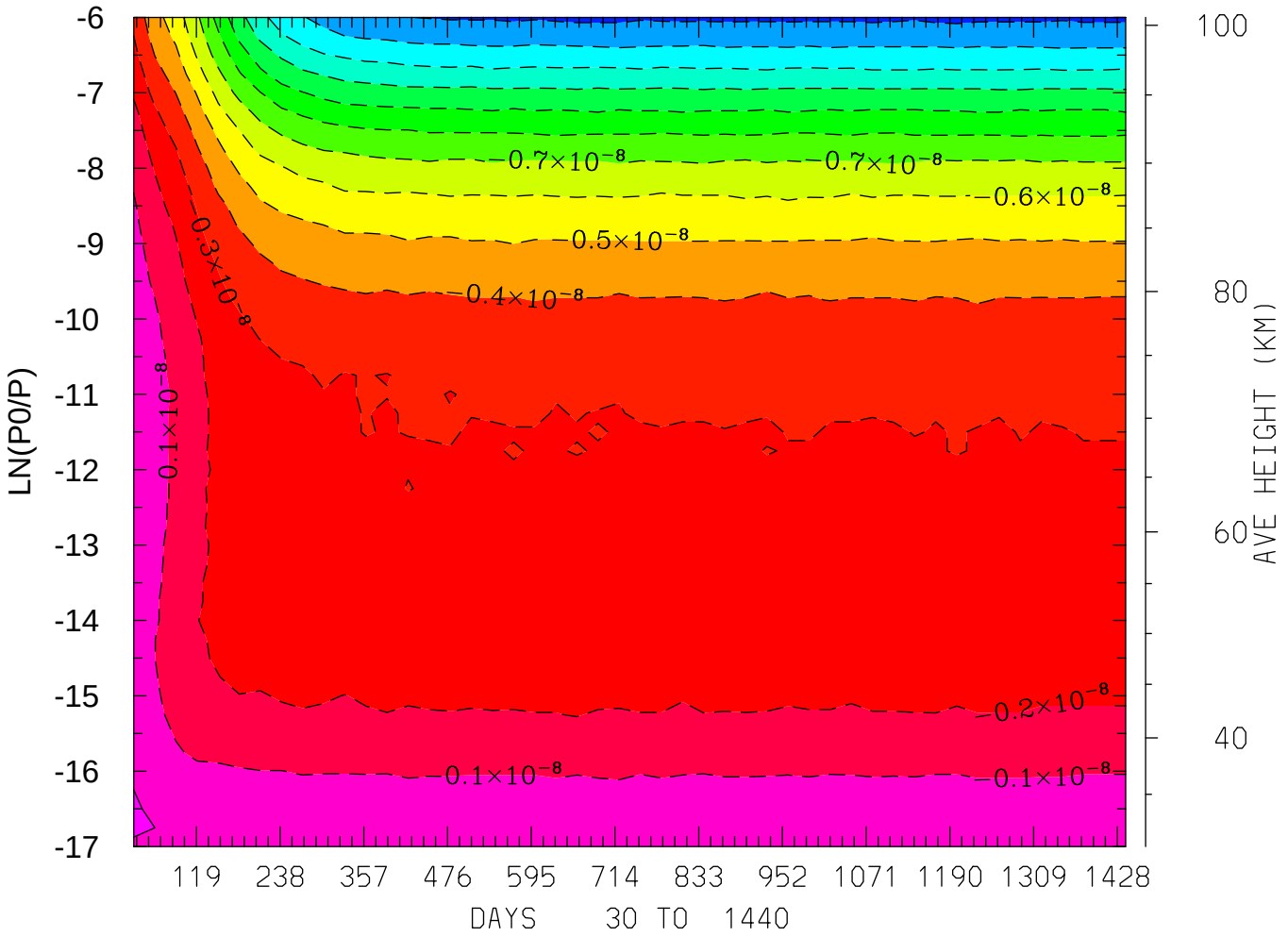
MIN,MAX= -1.0056E-09 3.3651E-10 INTERVAL= 1.0000E-10
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: CARBON MONOXIDE (XNCO) (VMR)
YEAR,DAY 2000, 30 to 2003,345



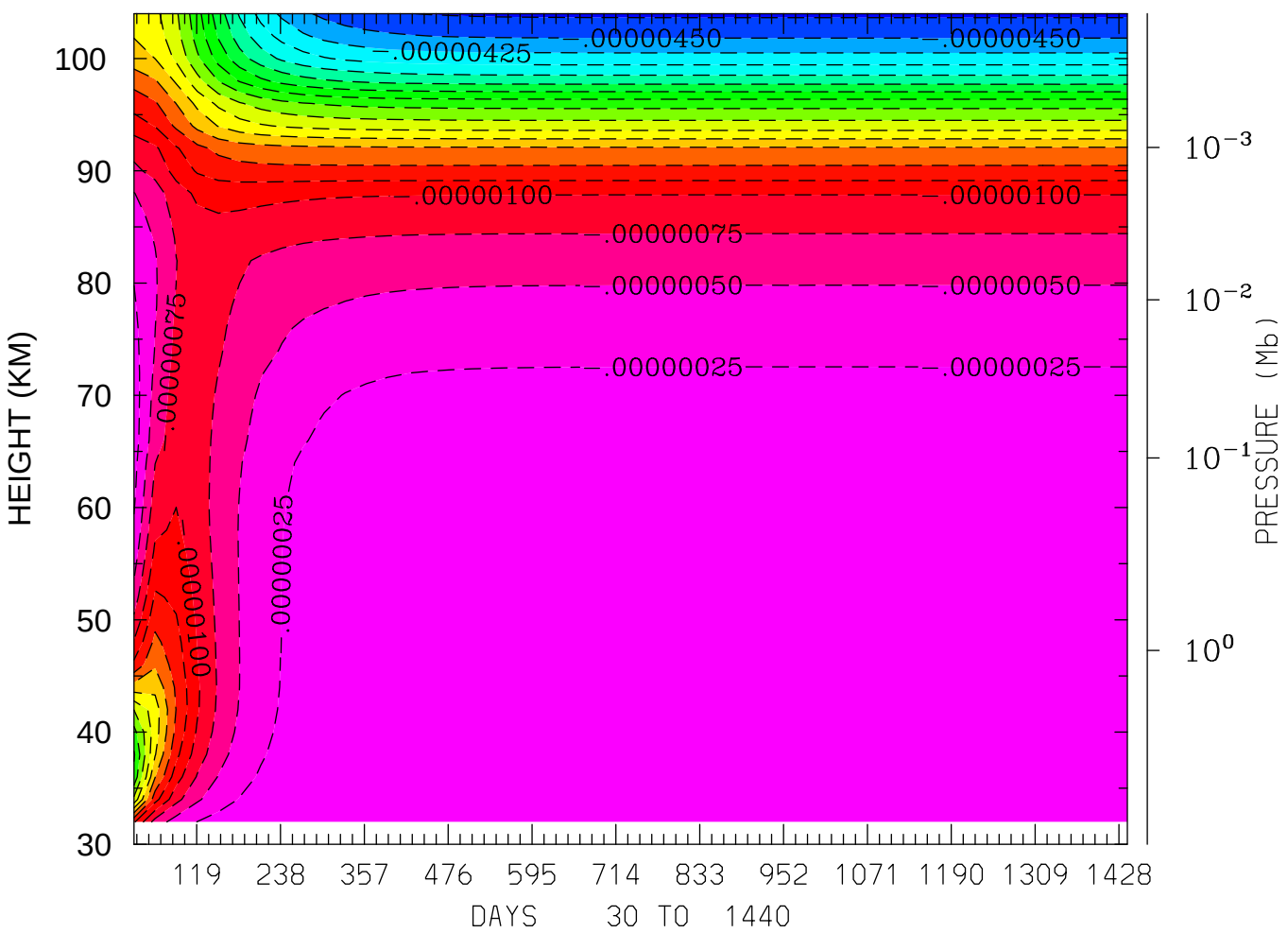
MIN,MAX= -4.9199E-10 4.6542E-07 INTERVAL= 2.5000E-08
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: CARBON DIOXIDE (XNCO2) (VMR)
YEAR,DAY 2000, 30 to 2003,345



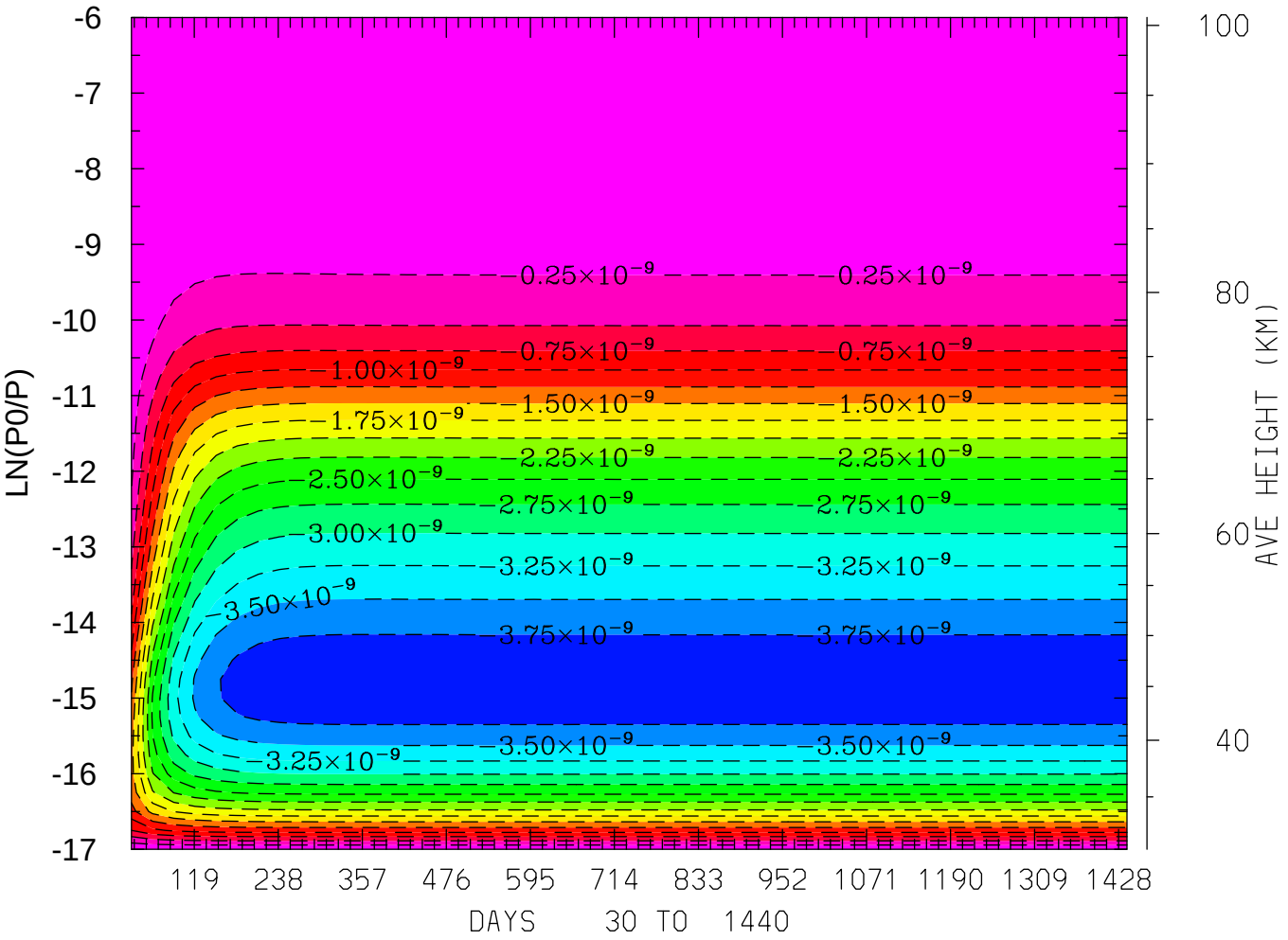
MIN,MAX= -1.3213E-08 1.1642E-10 INTERVAL= 1.0000E-09
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: CARBON DIOXIDE (XNCO2) (VMR)
YEAR,DAY 2000, 30 to 2003,345



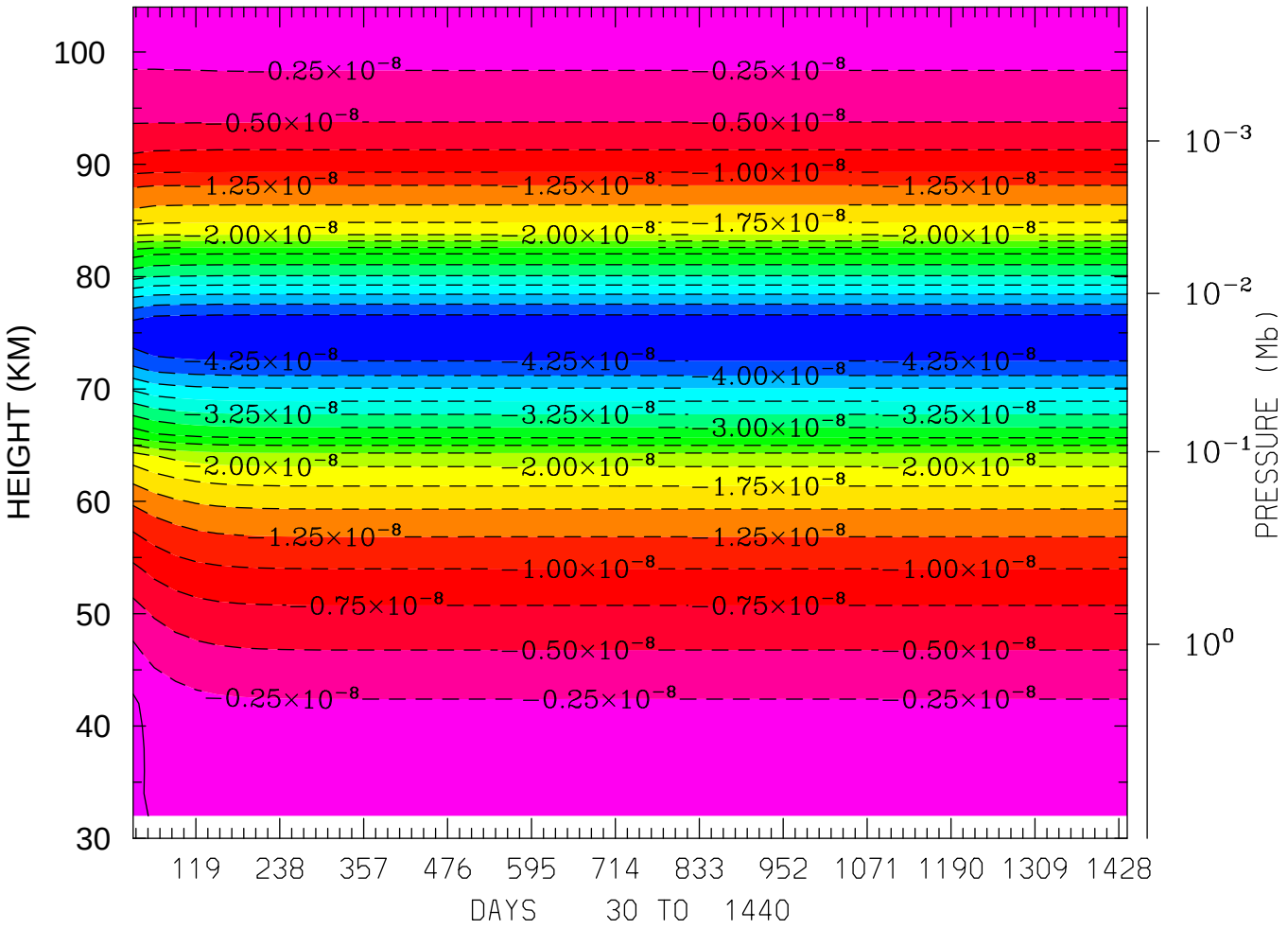
MIN,MAX= -4.7979E-06 -3.4925E-10 INTERVAL= 2.5000E-07
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: WATER VAPOR (XNH2O) (VMR)
YEAR,DAY 2000, 30 to 2003,345

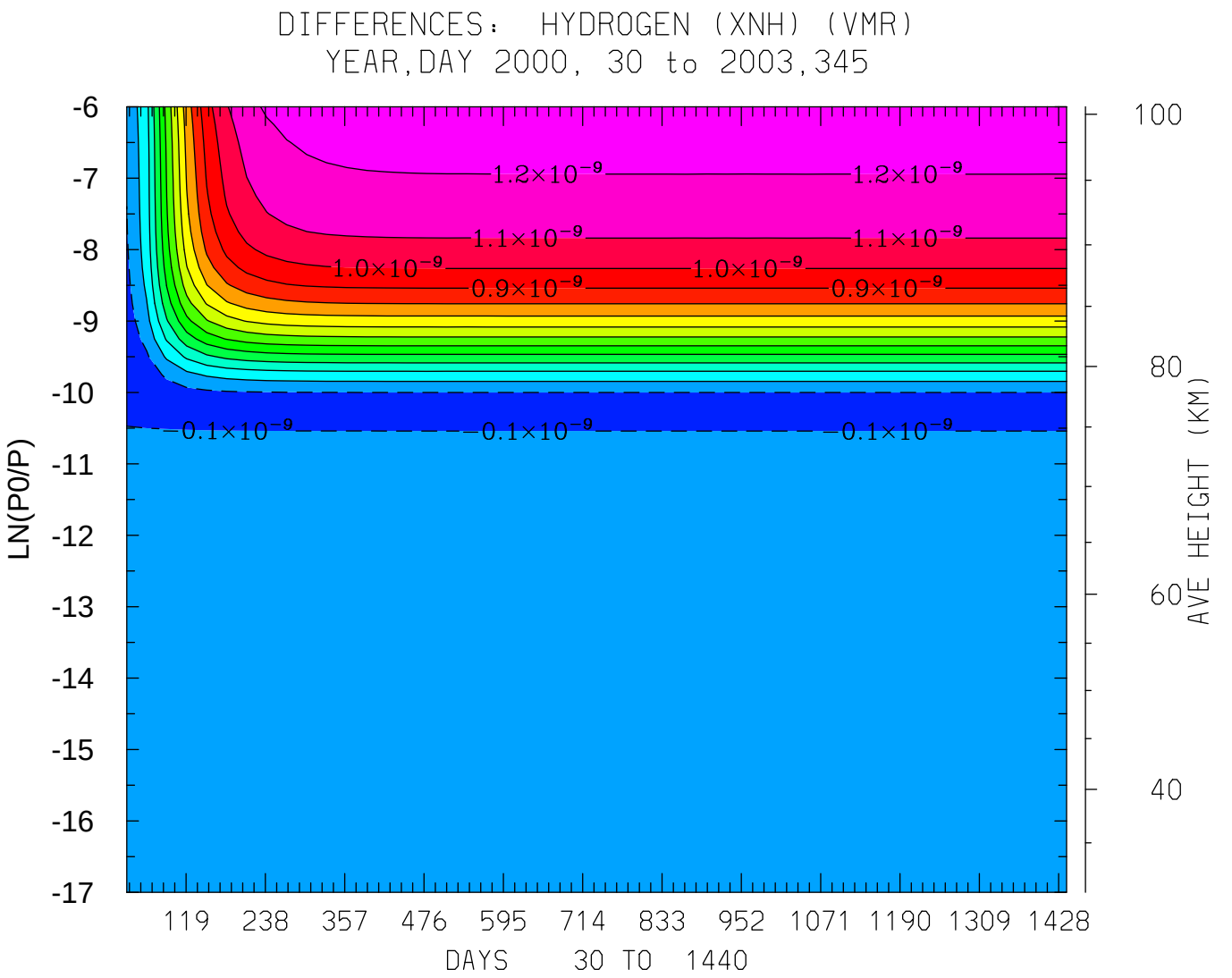


MIN,MAX= -3.9486E-09 -4.5475E-13 INTERVAL= 2.5000E-10
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: WATER VAPOR (XNH2O) (VMR)
YEAR,DAY 2000, 30 to 2003,345



MIN,MAX= -4.4578E-08 5.1614E-10 INTERVAL= 2.5000E-09
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

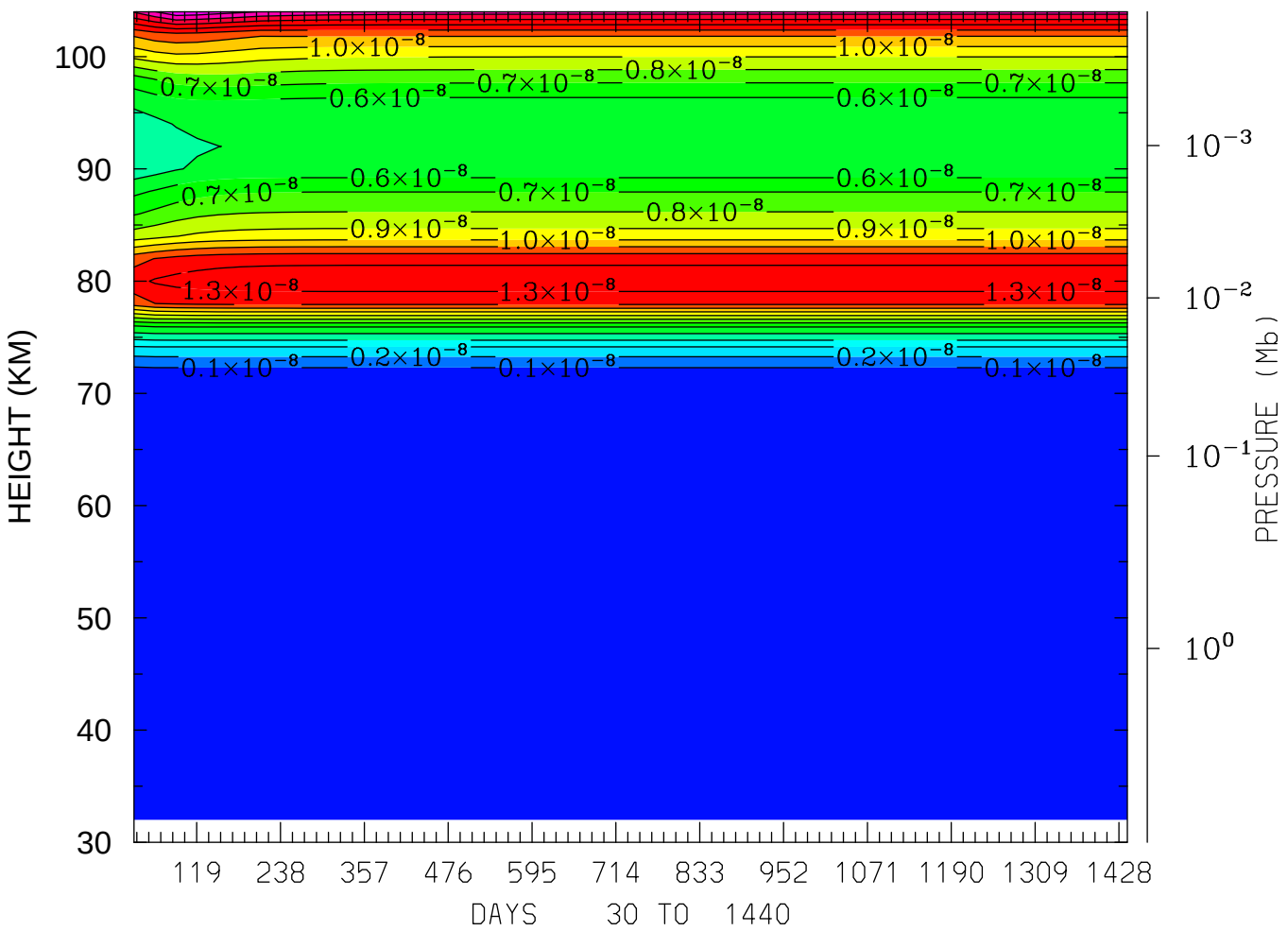


MIN,MAX= -1.9097E-10 1.2739E-09 INTERVAL= 1.0000E-10

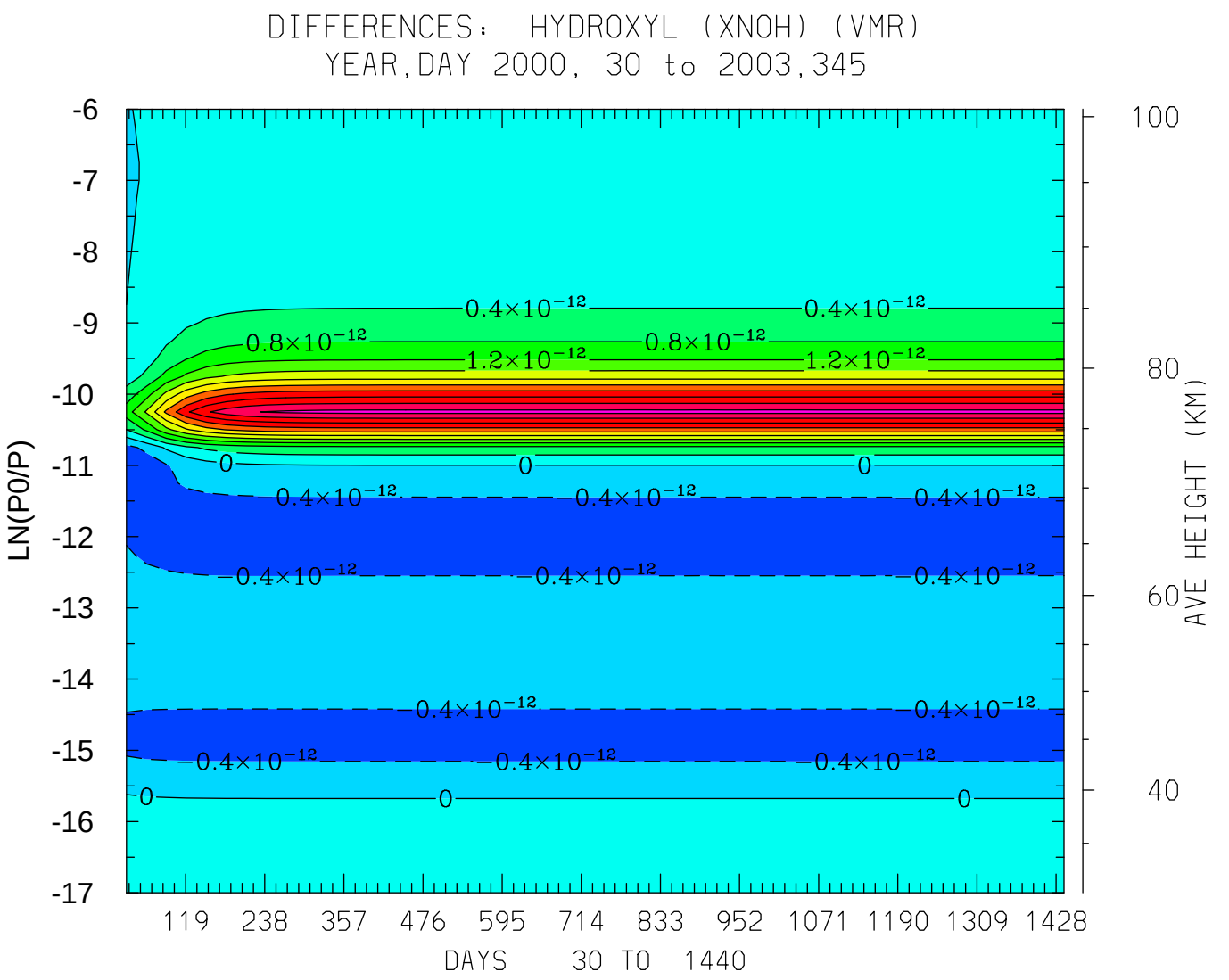
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: HYDROGEN (XNH) (VMR)
YEAR,DAY 2000, 30 to 2003,345



MIN,MAX= -5.7381E-19 1.6846E-08 INTERVAL= 1.0000E-09
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

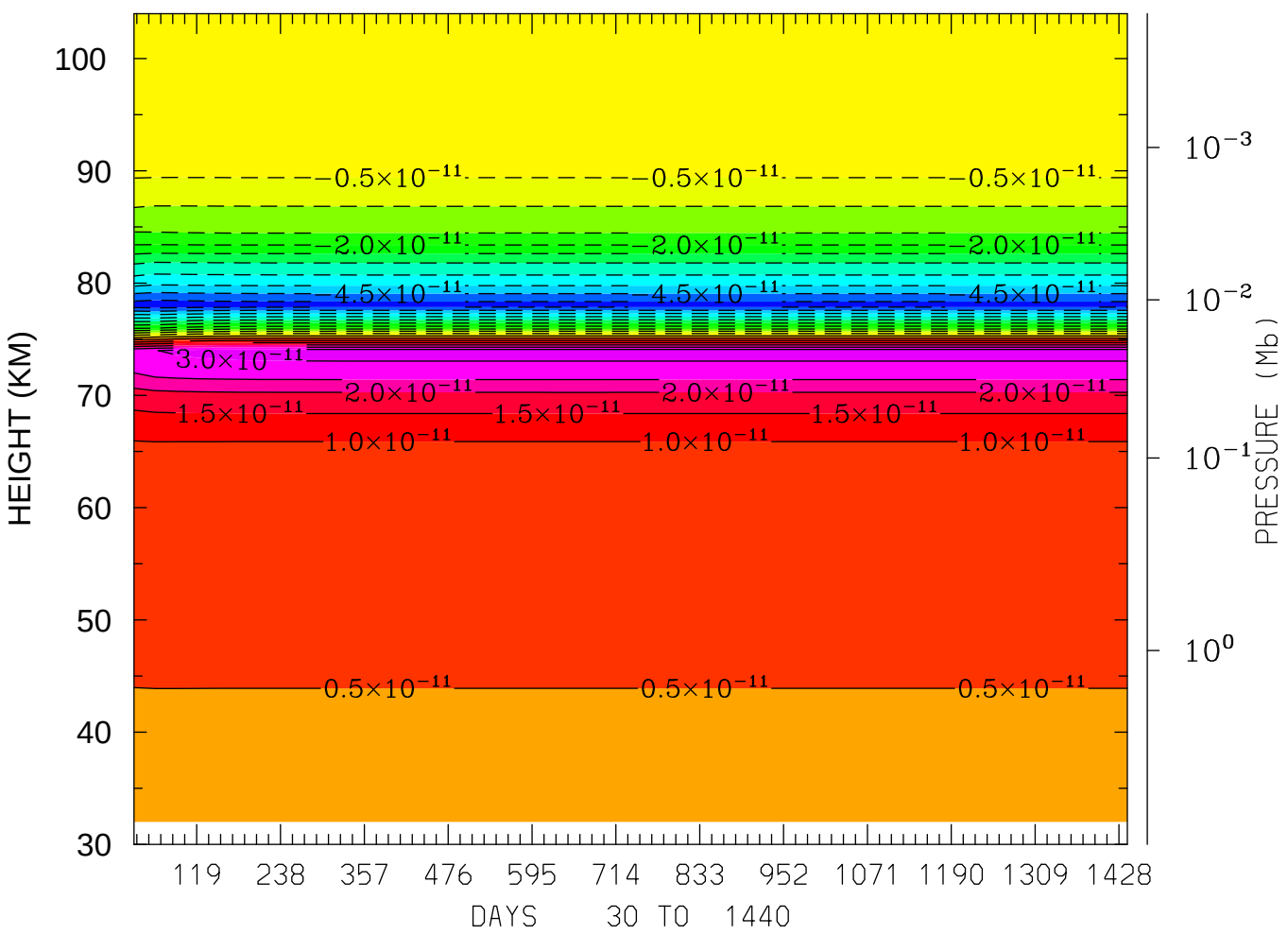


MIN,MAX= -7.9536E-13 4.1266E-12 INTERVAL= 4.0000E-13

IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

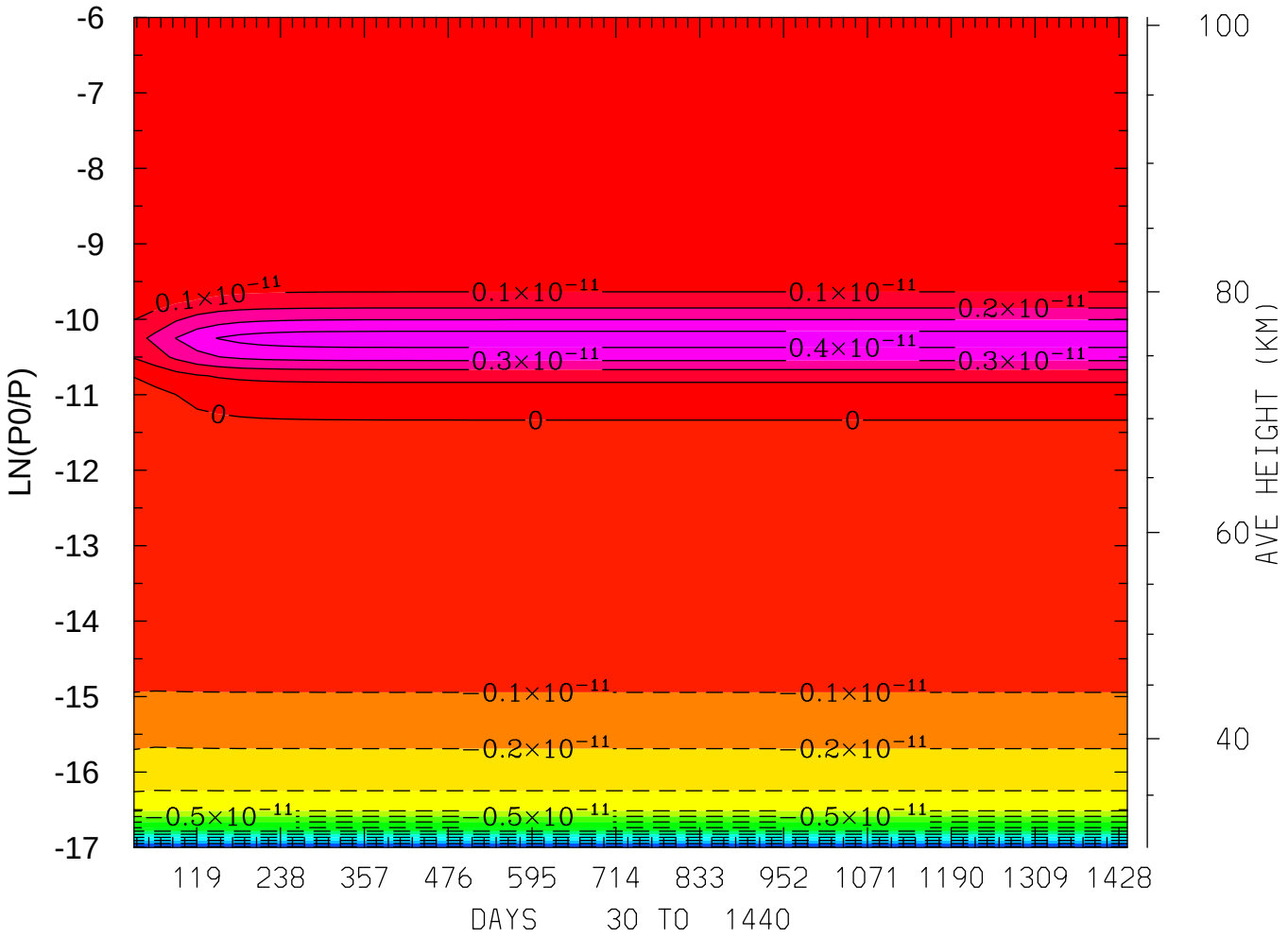
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: HYDROXYL (XNOH) (VMR)
YEAR,DAY 2000, 30 to 2003,345



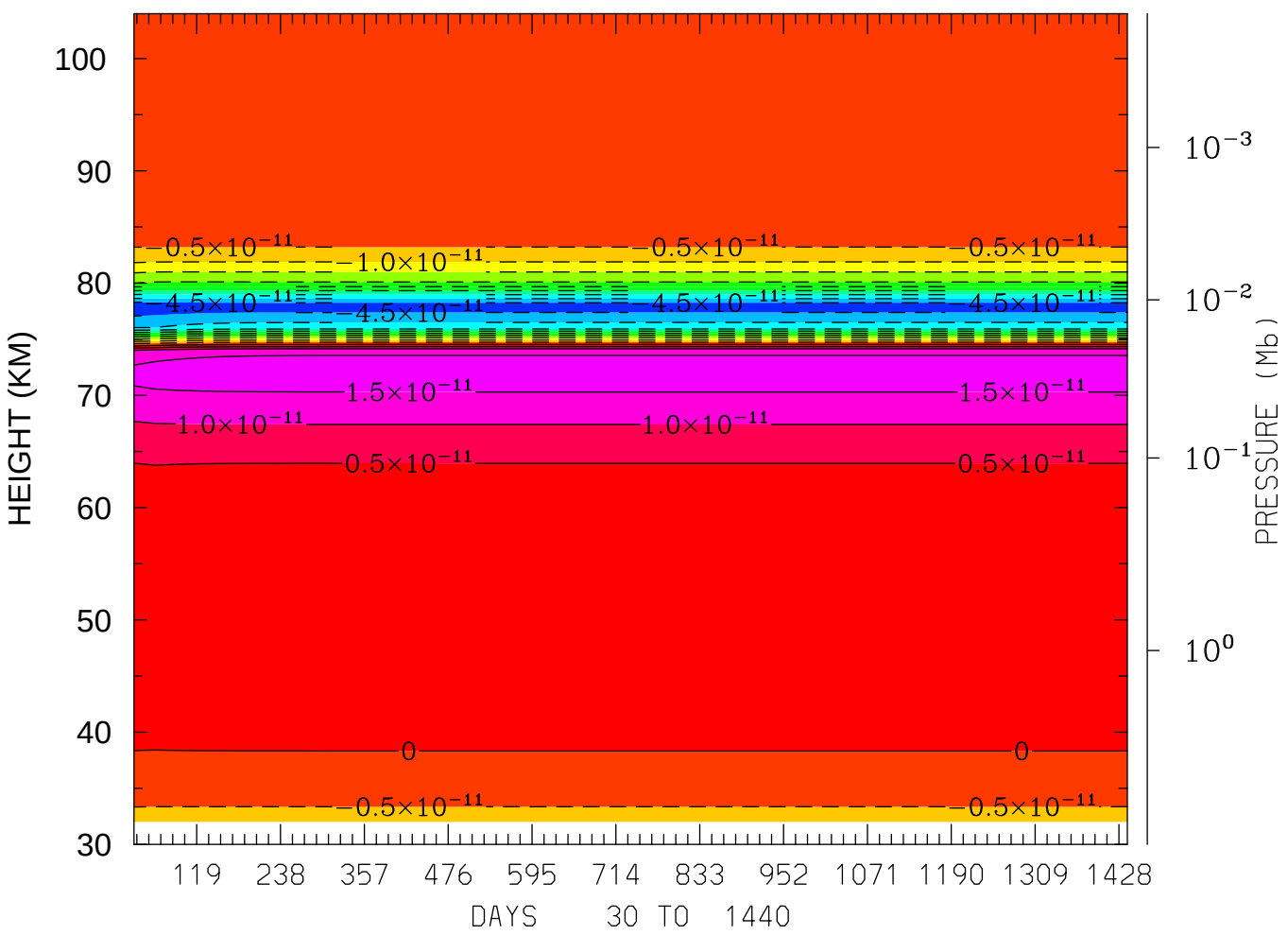
MIN,MAX= -5.3522E-11 3.2152E-11 INTERVAL= 5.0000E-12
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: HYDROGEN DIOXIDE (XNHO2) (VMR)
YEAR,DAY 2000, 30 to 2003,345



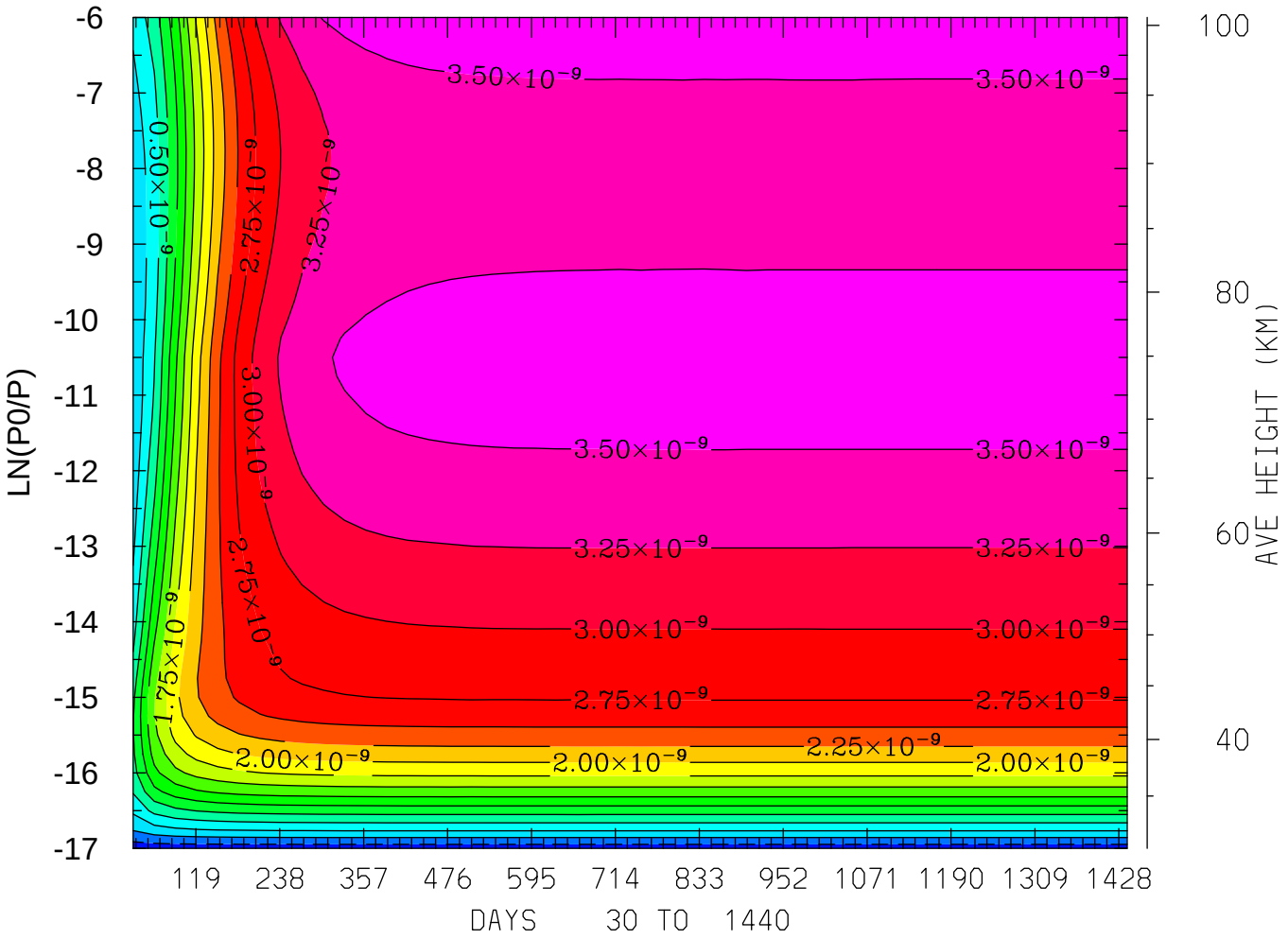
MIN,MAX= -1.3254E-11 4.5955E-12 INTERVAL= 1.0000E-12
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: HYDROGEN DIOXIDE (XNHO2) (VMR)
YEAR,DAY 2000, 30 to 2003,345



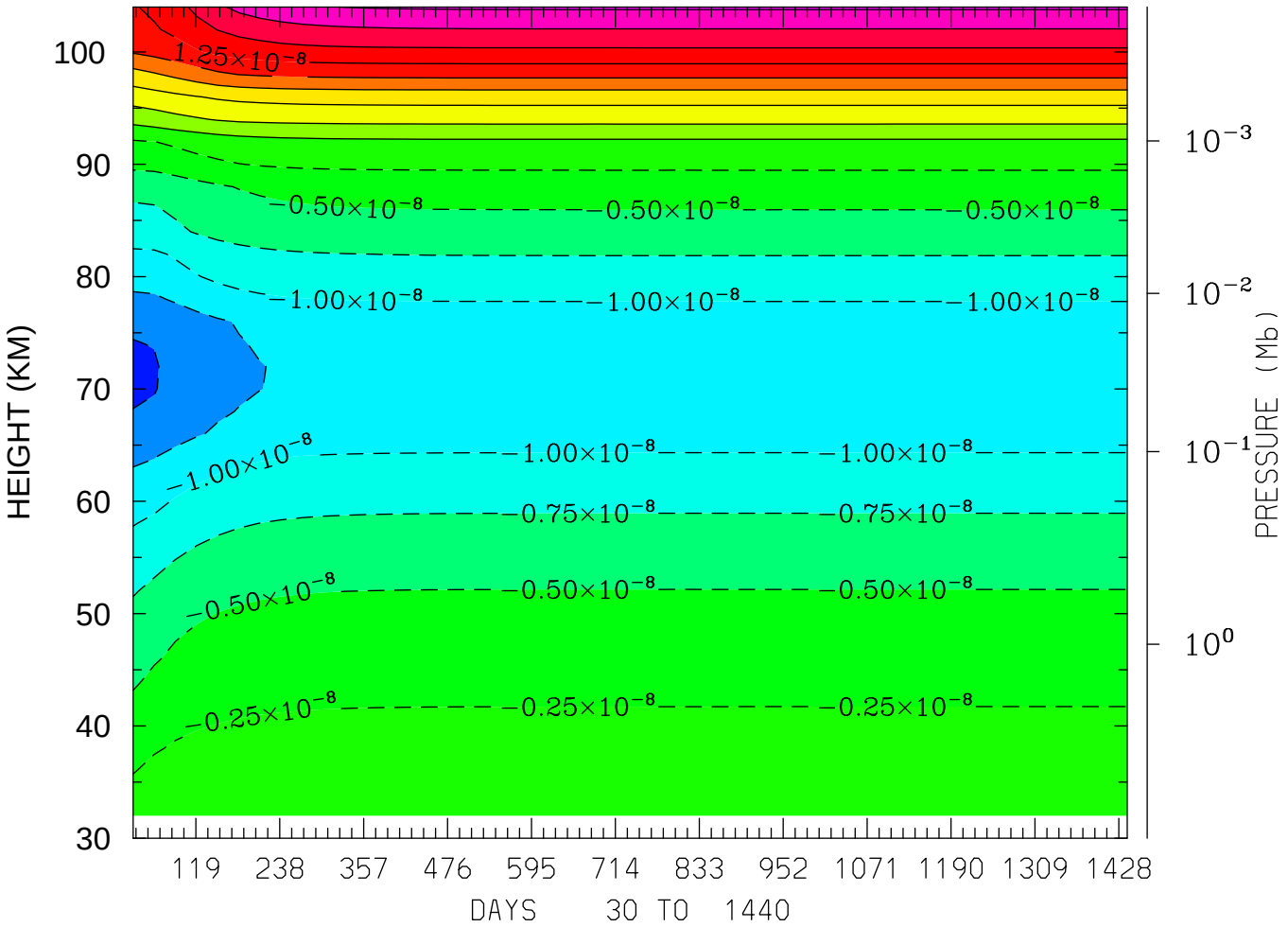
MIN,MAX= -4.9529E-11 1.9697E-11 INTERVAL= 5.0000E-12
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: TOTAL HYDROGEN (XNHTOT) (VMR)
YEAR,DAY 2000, 30 to 2003,345



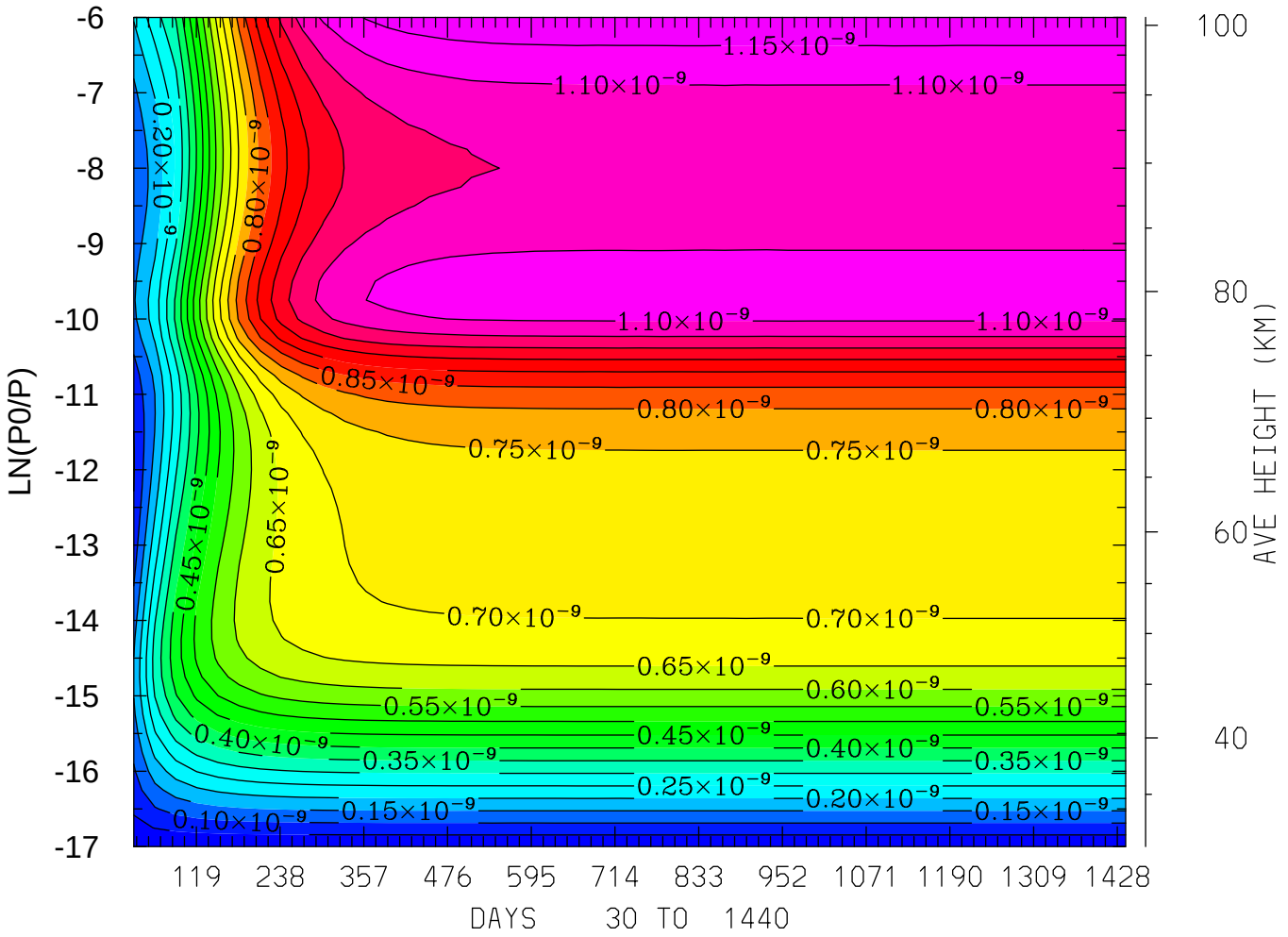
MIN,MAX= -4.0018E-10 3.7026E-09 INTERVAL= 2.5000E-10
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: TOTAL HYDROGEN (XNHTOT) (VMR)
YEAR,DAY 2000, 30 to 2003,345



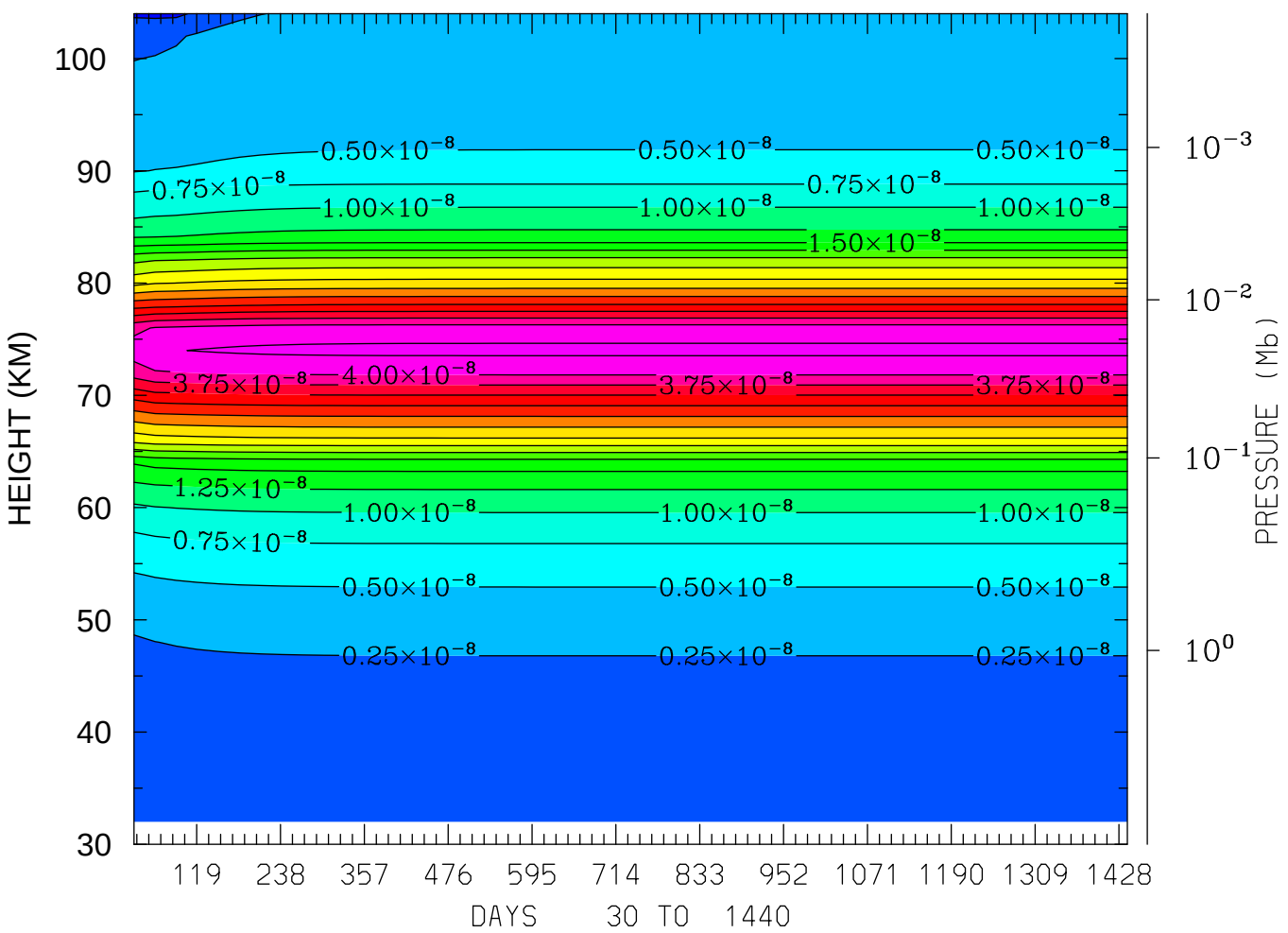
MIN,MAX= -1.5332E-08 2.0334E-08 INTERVAL= 2.5000E-09
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: MOLECULAR HYDROGEN (XNH2) (VMR)
YEAR,DAY 2000, 30 to 2003,345

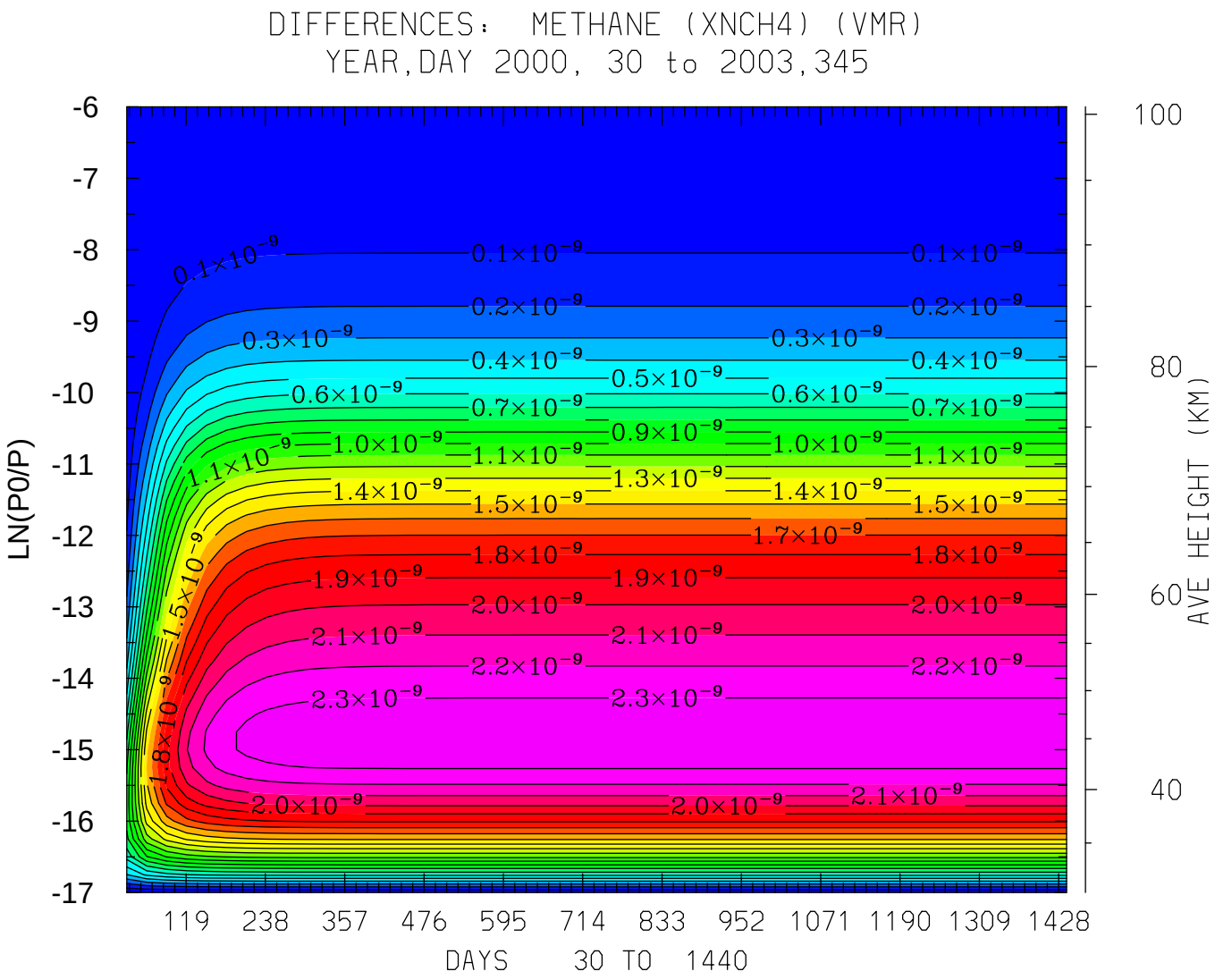


MIN,MAX= -1.1369E-13 1.1919E-09 INTERVAL= 5.0000E-11
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: MOLECULAR HYDROGEN (XNH2) (VMR)
YEAR,DAY 2000, 30 to 2003,345



MIN,MAX= -5.0886E-10 4.3114E-08 INTERVAL= 2.5000E-09
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

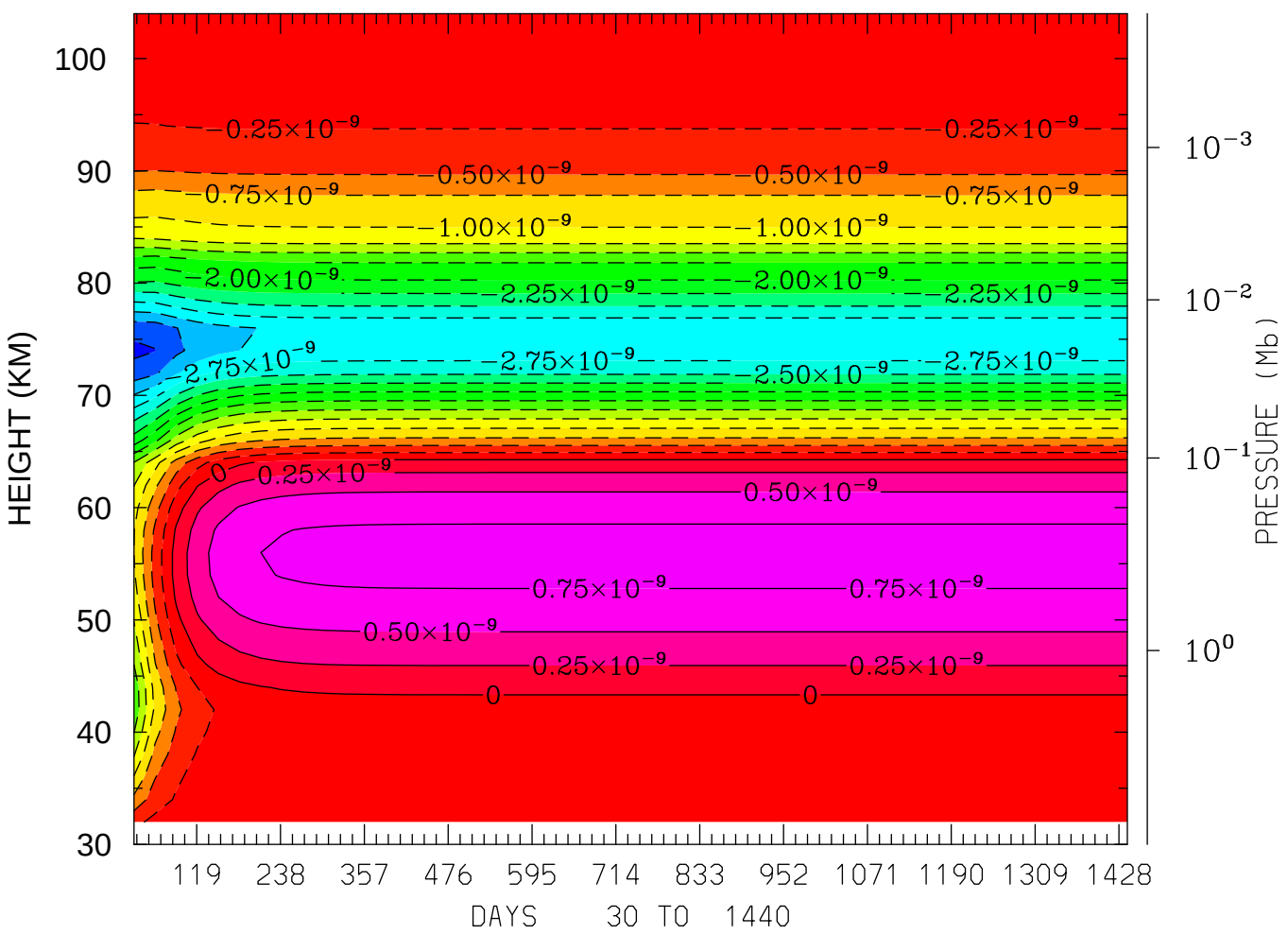


MIN,MAX= 0.0000E+00 2.3723E-09 INTERVAL= 1.0000E-10

IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

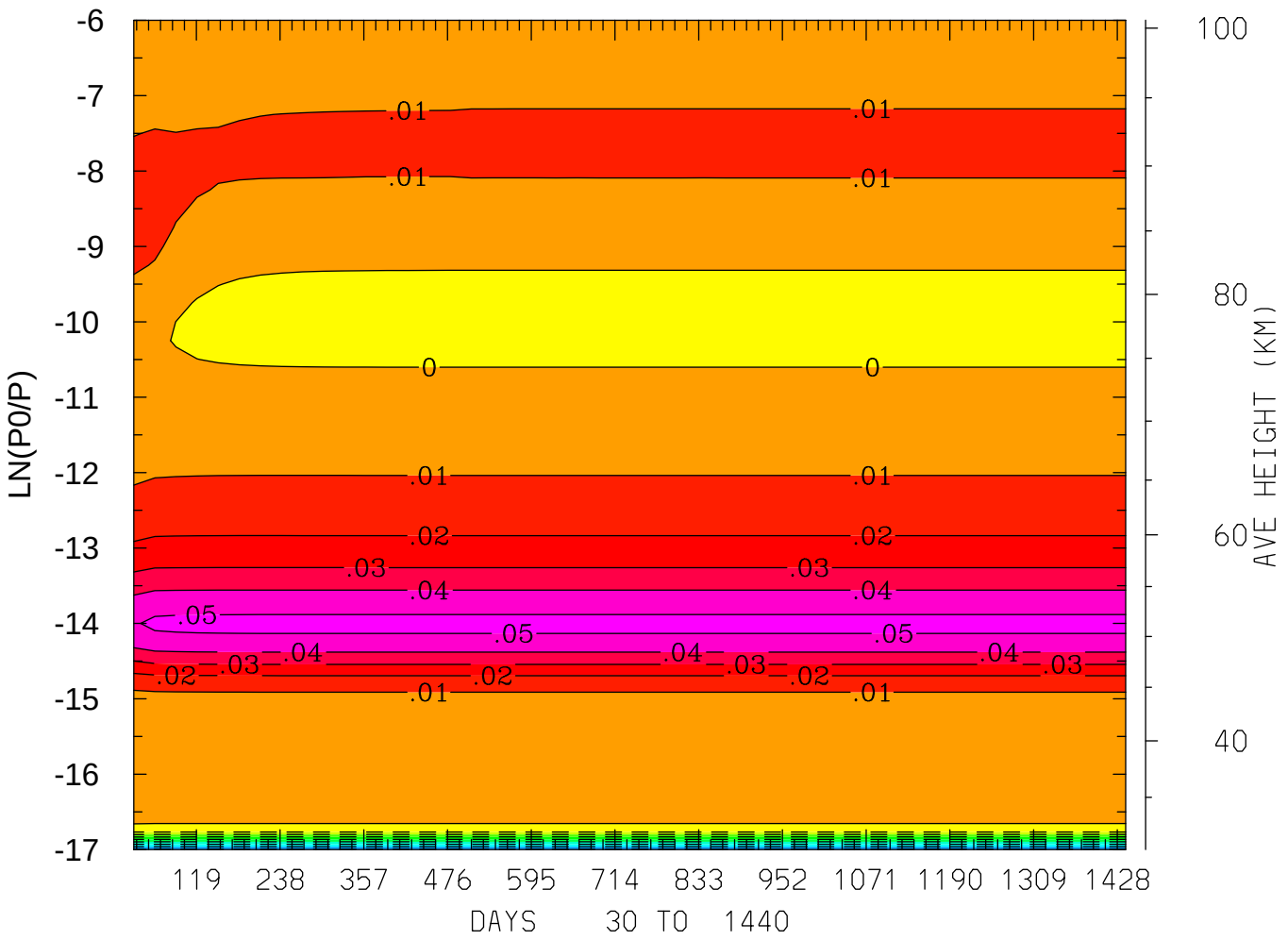
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: METHANE (XNCH4) (VMR)
YEAR,DAY 2000, 30 to 2003,345



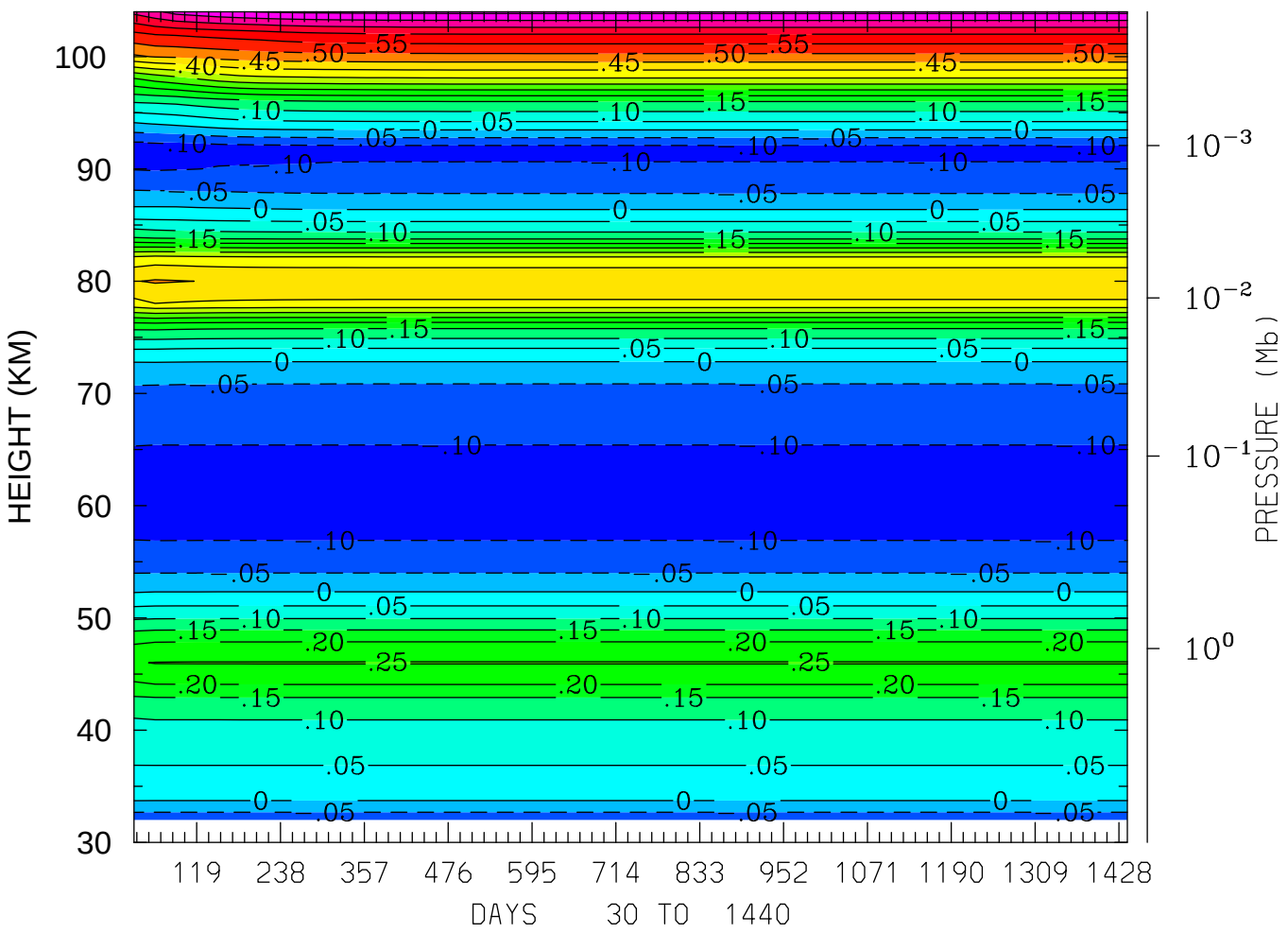
MIN,MAX= -3.5624E-09 8.2520E-10 INTERVAL= 2.5000E-10
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: TOTAL NEUTRAL HEATING (QNTOT) (DEG K/DAY)
YEAR,DAY 2000, 30 to 2003,345



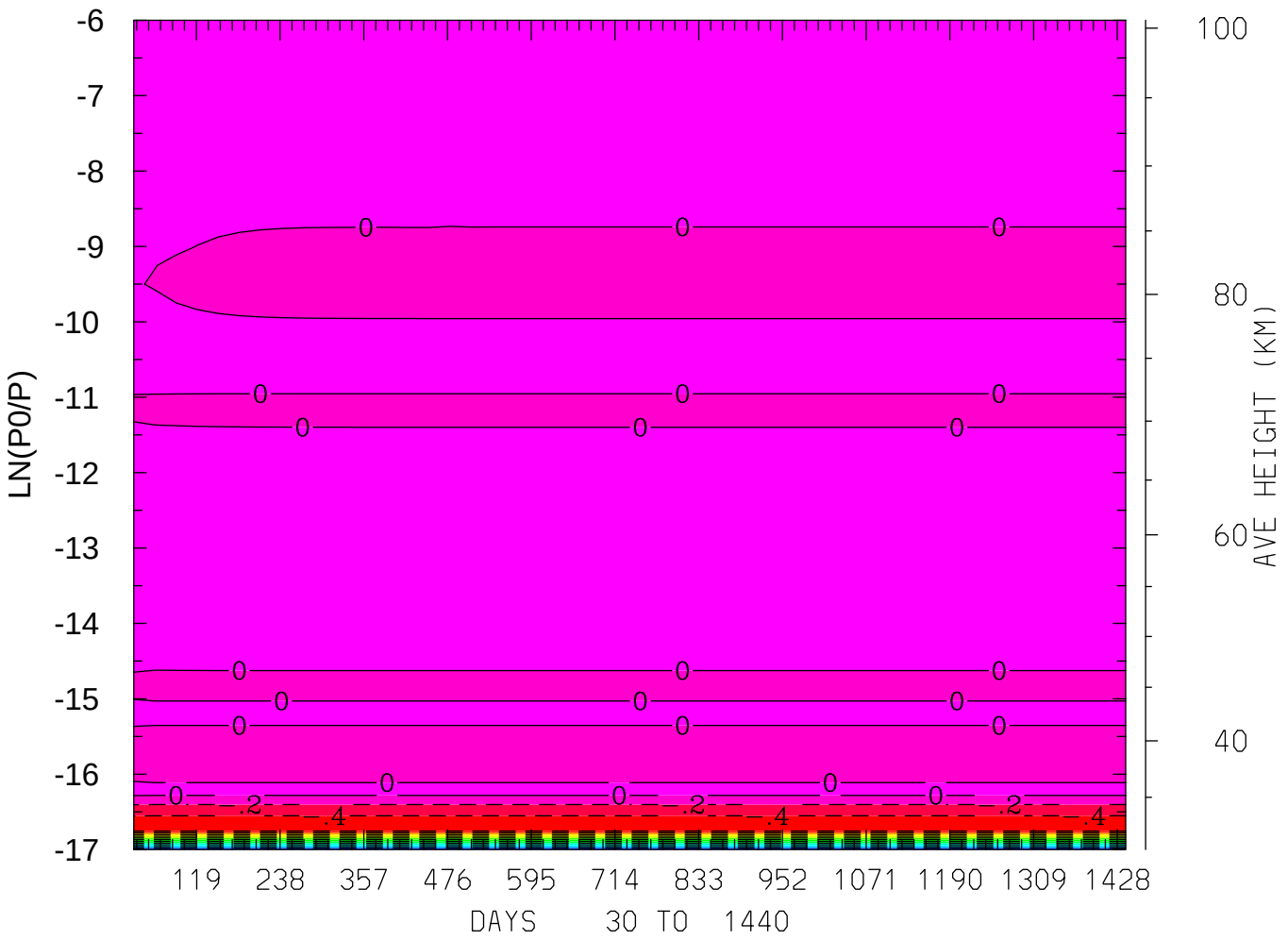
MIN,MAX= -8.1703E-02 5.2519E-02 INTERVAL= 1.0000E-02
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: TOTAL NEUTRAL HEATING (QNTOT) (DEG K/DAY)
YEAR,DAY 2000, 30 to 2003,345



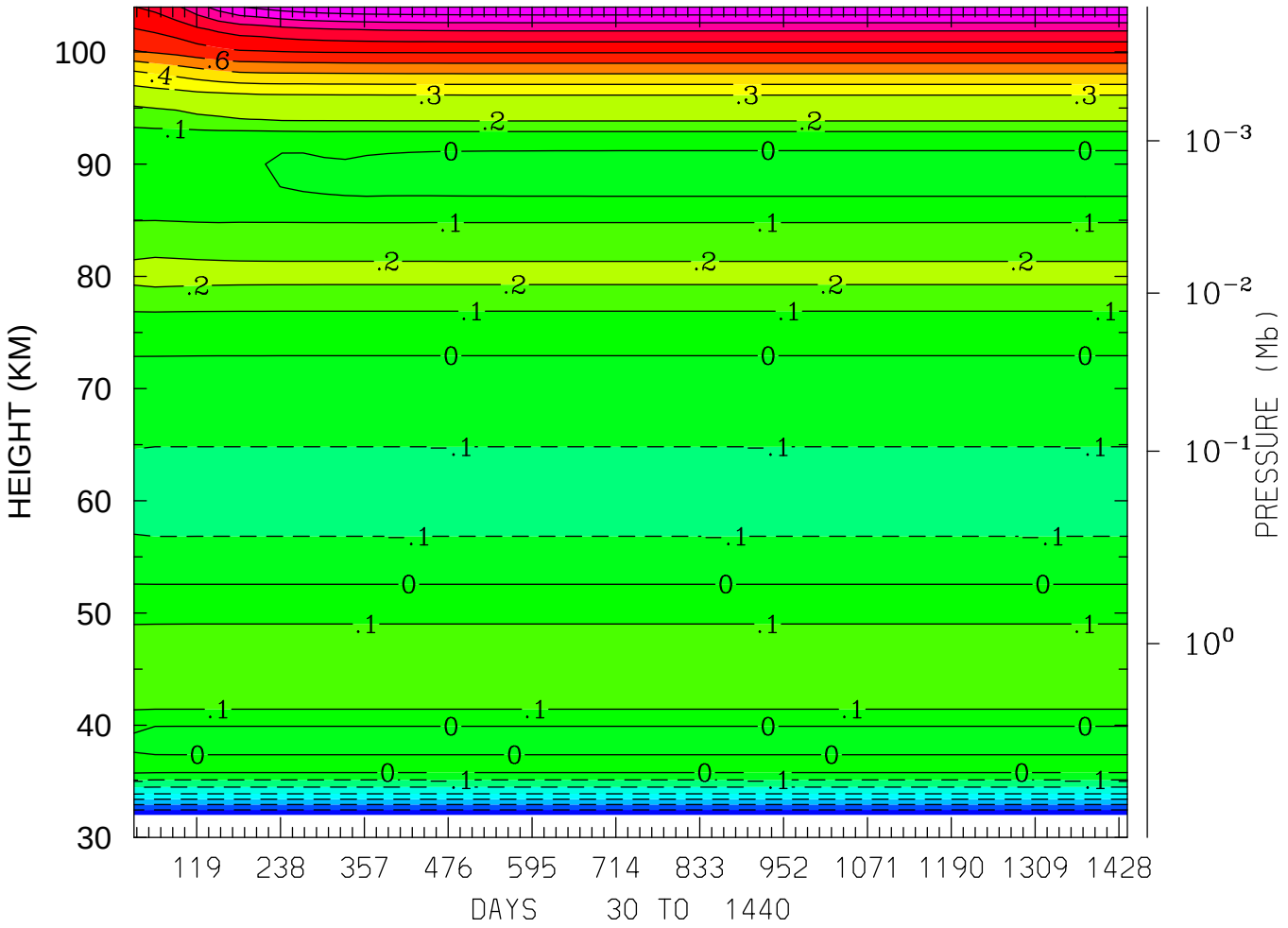
MIN,MAX= -1.2463E-01 7.6266E-01 INTERVAL= 5.0000E-02
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: TOTAL INFRA-RED COOLING (XIRCOOL) (DEG K/DAY)
YEAR,DAY 2000, 30 to 2003,345

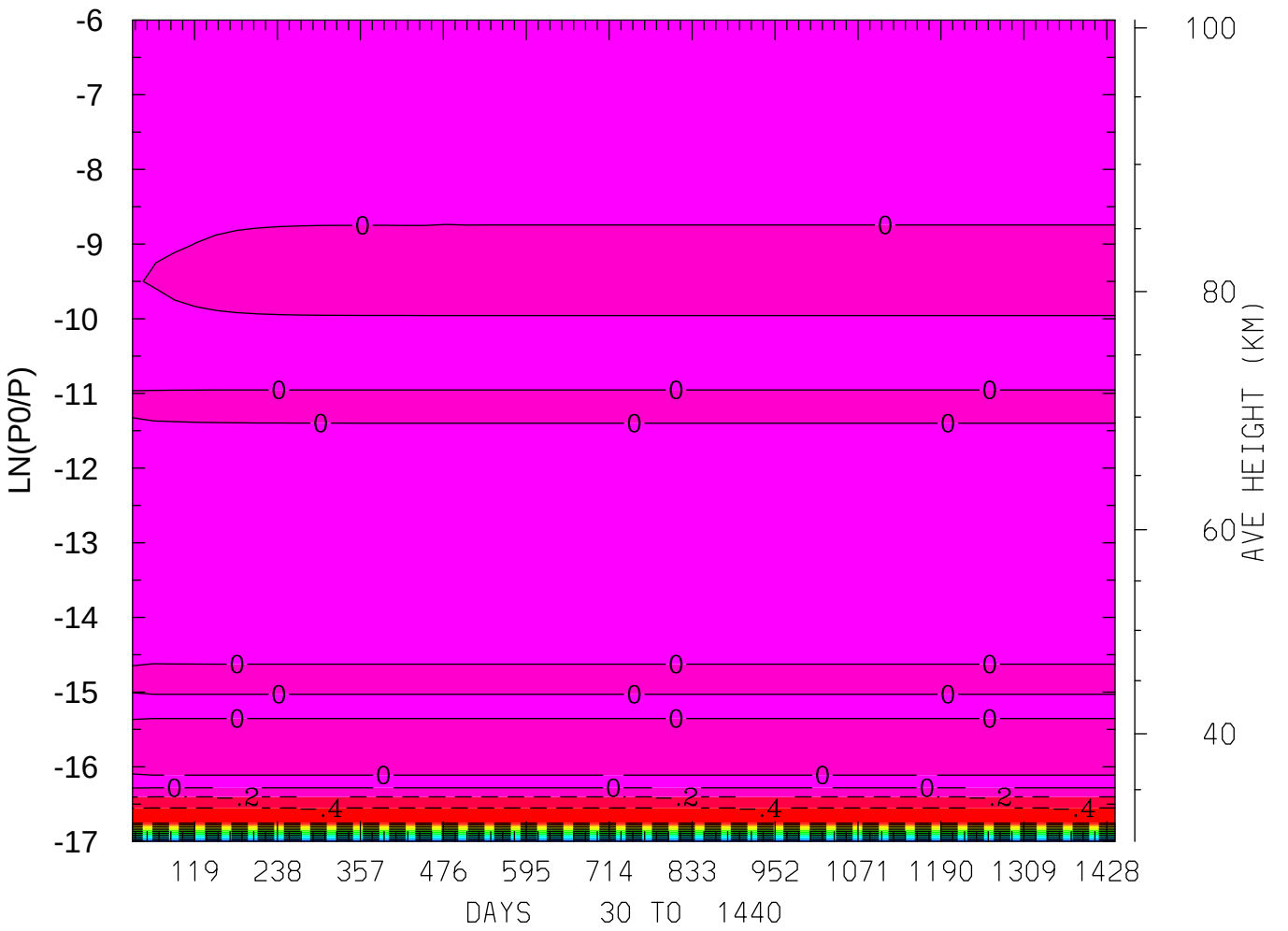


MIN,MAX= -2.7686E+00 6.7861E-02 INTERVAL= 2.0000E-01
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: TOTAL INFRA-RED COOLING (XIRCOOL) (DEG K/DAY)
YEAR,DAY 2000, 30 to 2003,345



MIN,MAX= -6.9547E-01 1.2016E+00 INTERVAL= 1.0000E-01
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

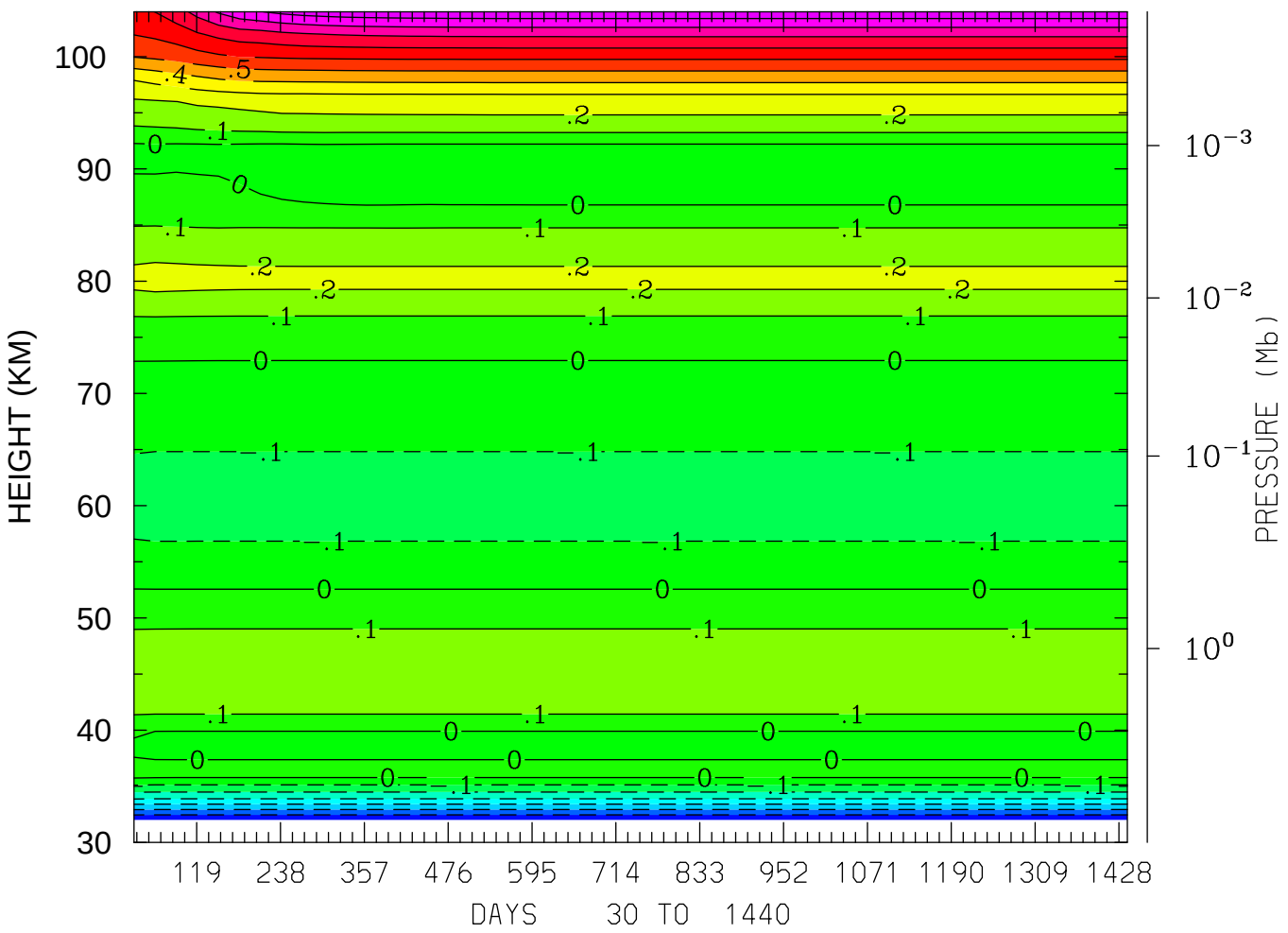


MIN,MAX= -2.7686E+00 6.7861E-02 INTERVAL= 2.0000E-01

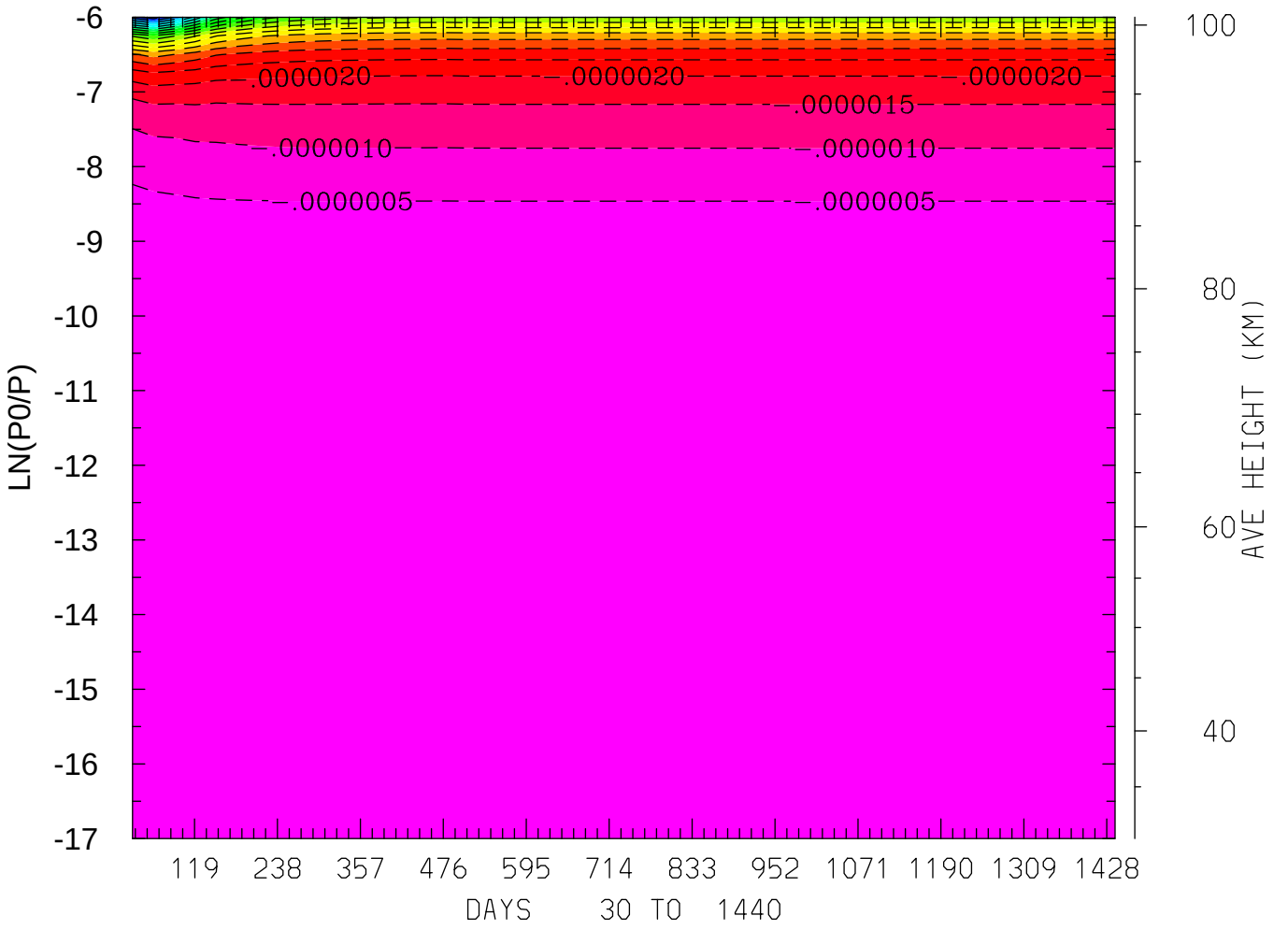
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: CO2 15U COOLING (XCO2C) (DEG K/DAY)
YEAR,DAY 2000, 30 to 2003,345



MIN,MAX= -6.9547E-01 1.0777E+00 INTERVAL= 1.0000E-01
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

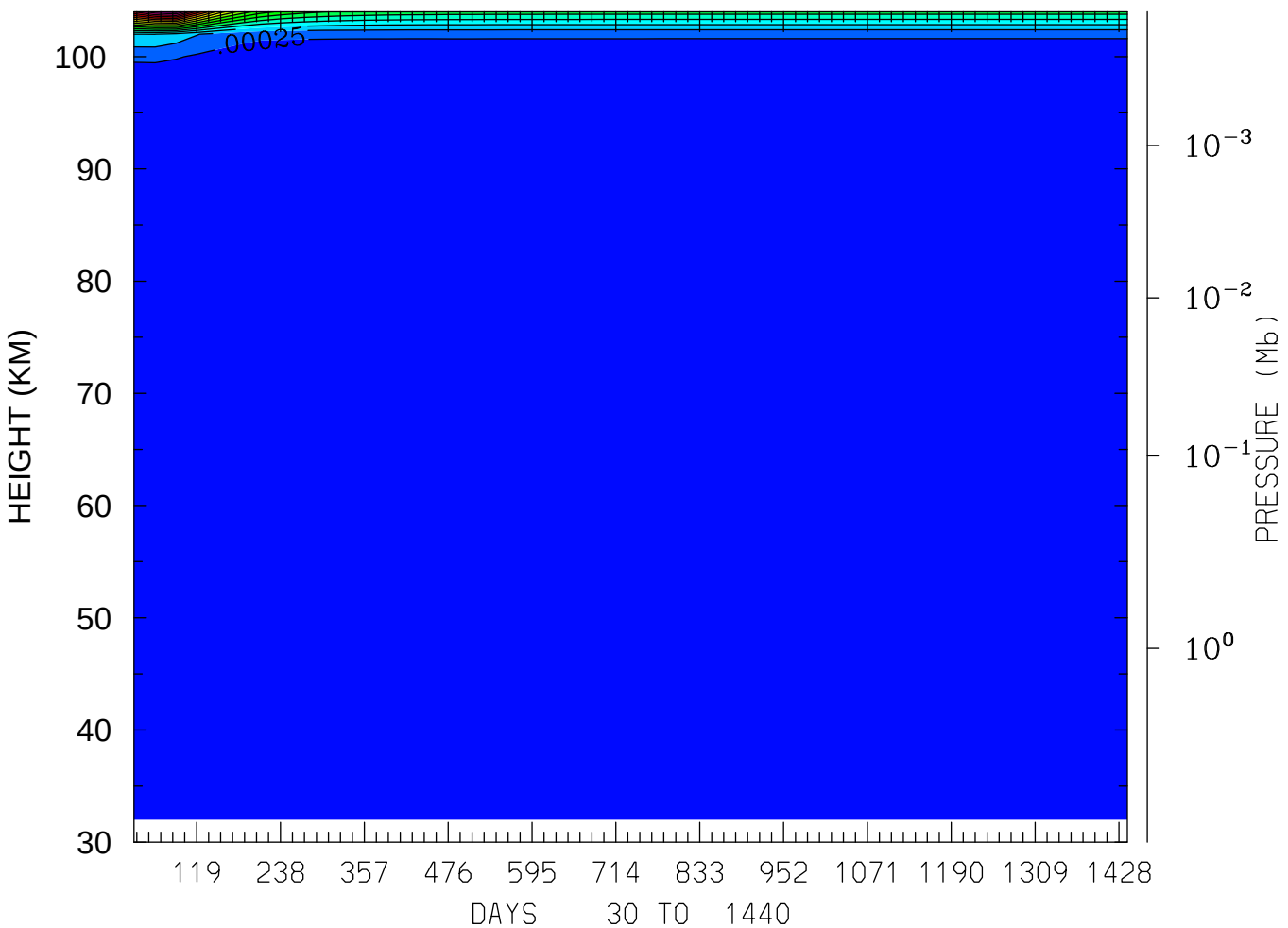


MIN,MAX= -1.0341E-05 -1.5546E-10 INTERVAL= 5.0000E-07

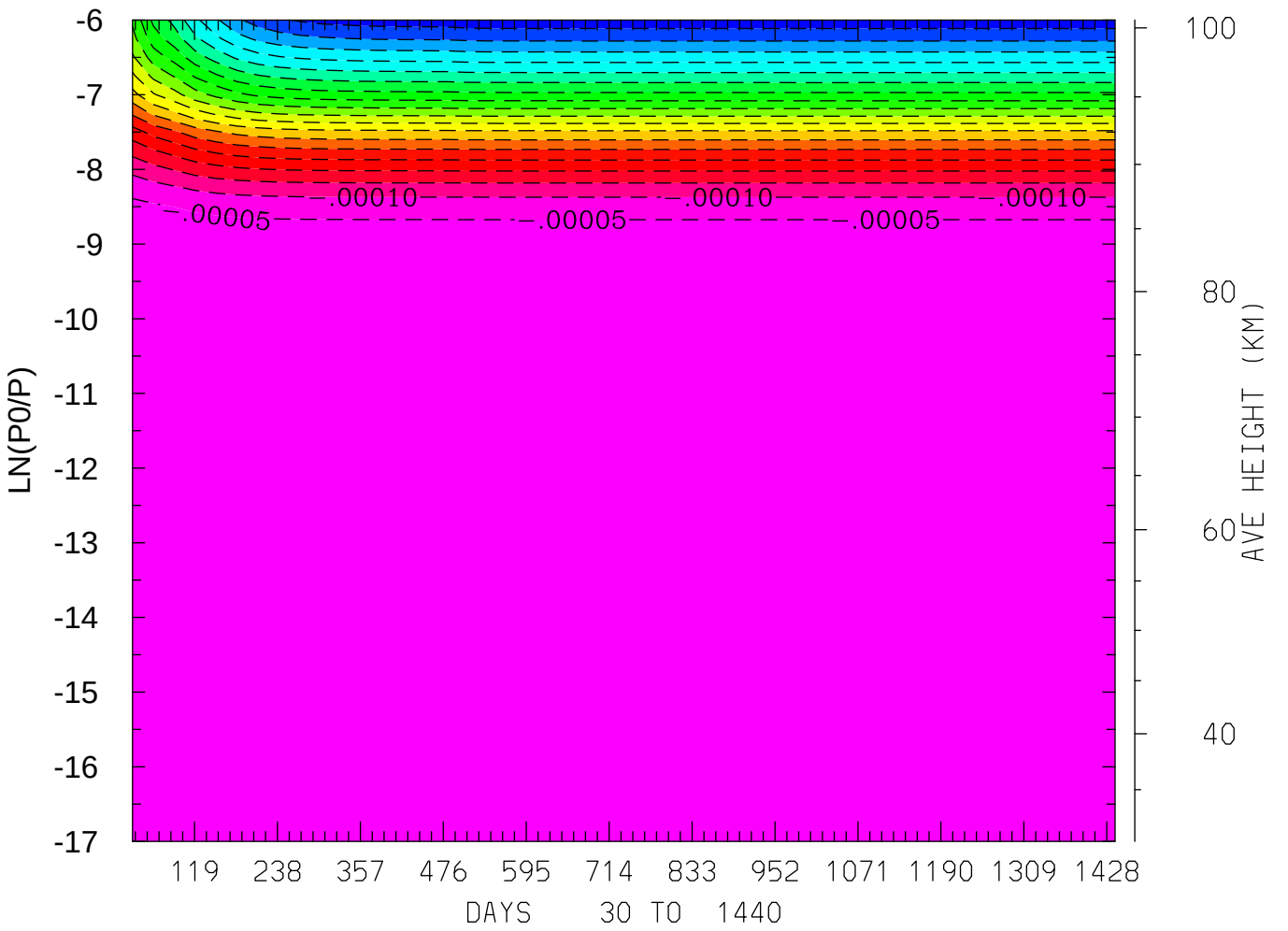
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: NO 5.3U COOLING (XNOC) (DEG K/DAY)
YEAR,DAY 2000, 30 to 2003,345



MIN,MAX= -2.1526E-08 4.3570E-03 INTERVAL= 2.5000E-04
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

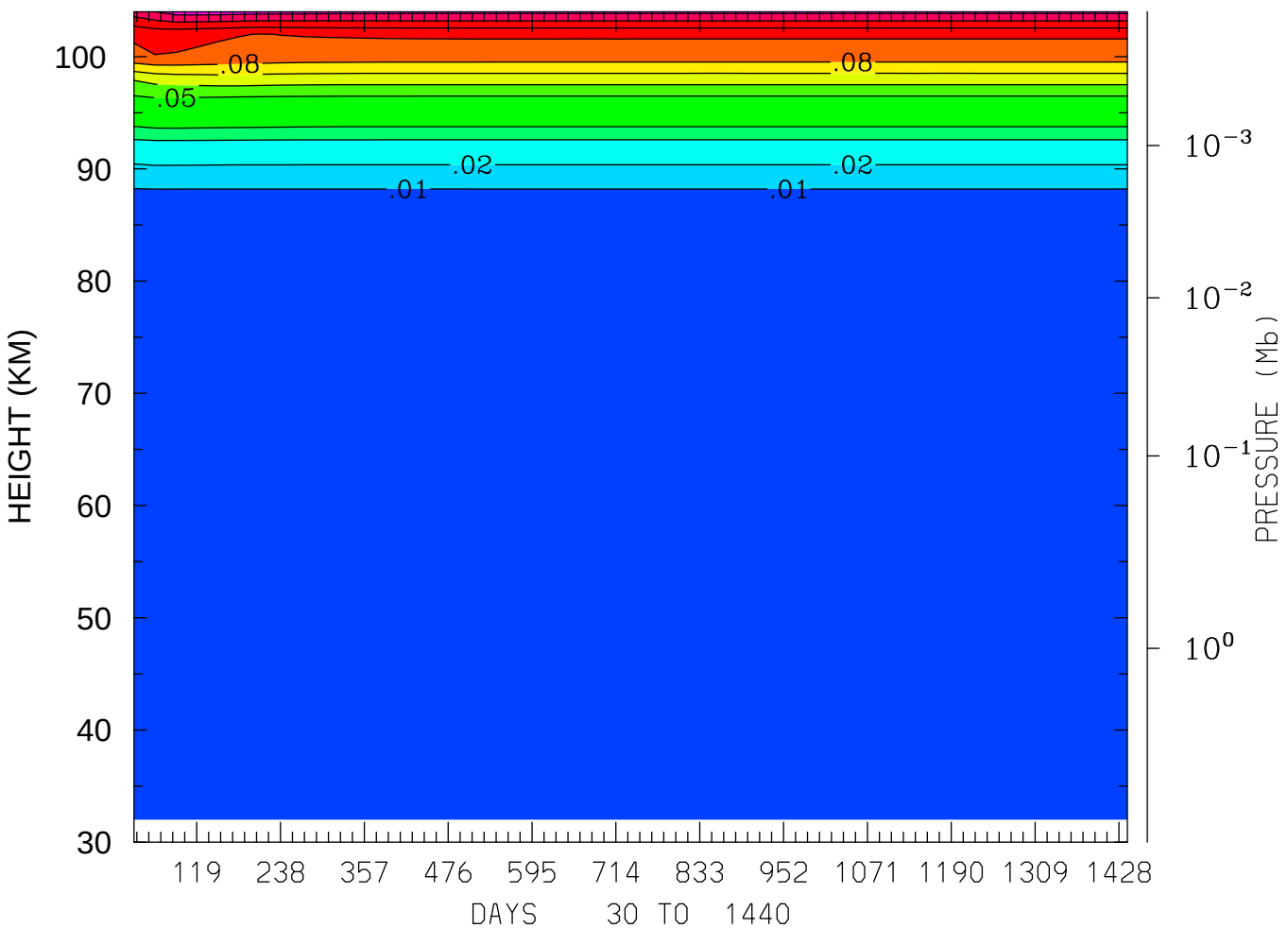


MIN,MAX= -9.8276E-04 -4.0698E-12 INTERVAL= 5.0000E-05

IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

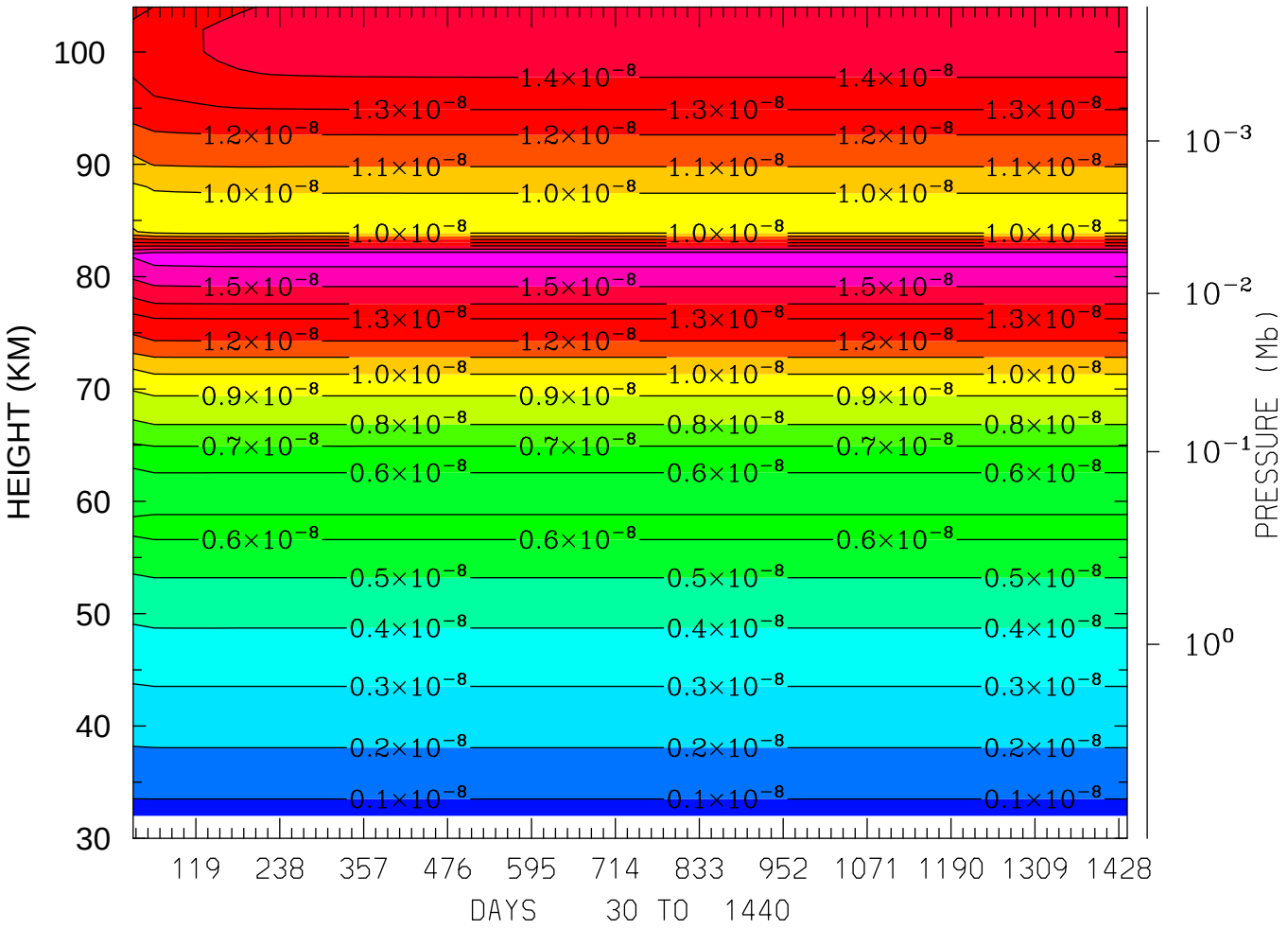
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: O FINE STRUCTURE COOLING (XO3PC) (DEG K/DAY)
YEAR,DAY 2000, 30 to 2003,345



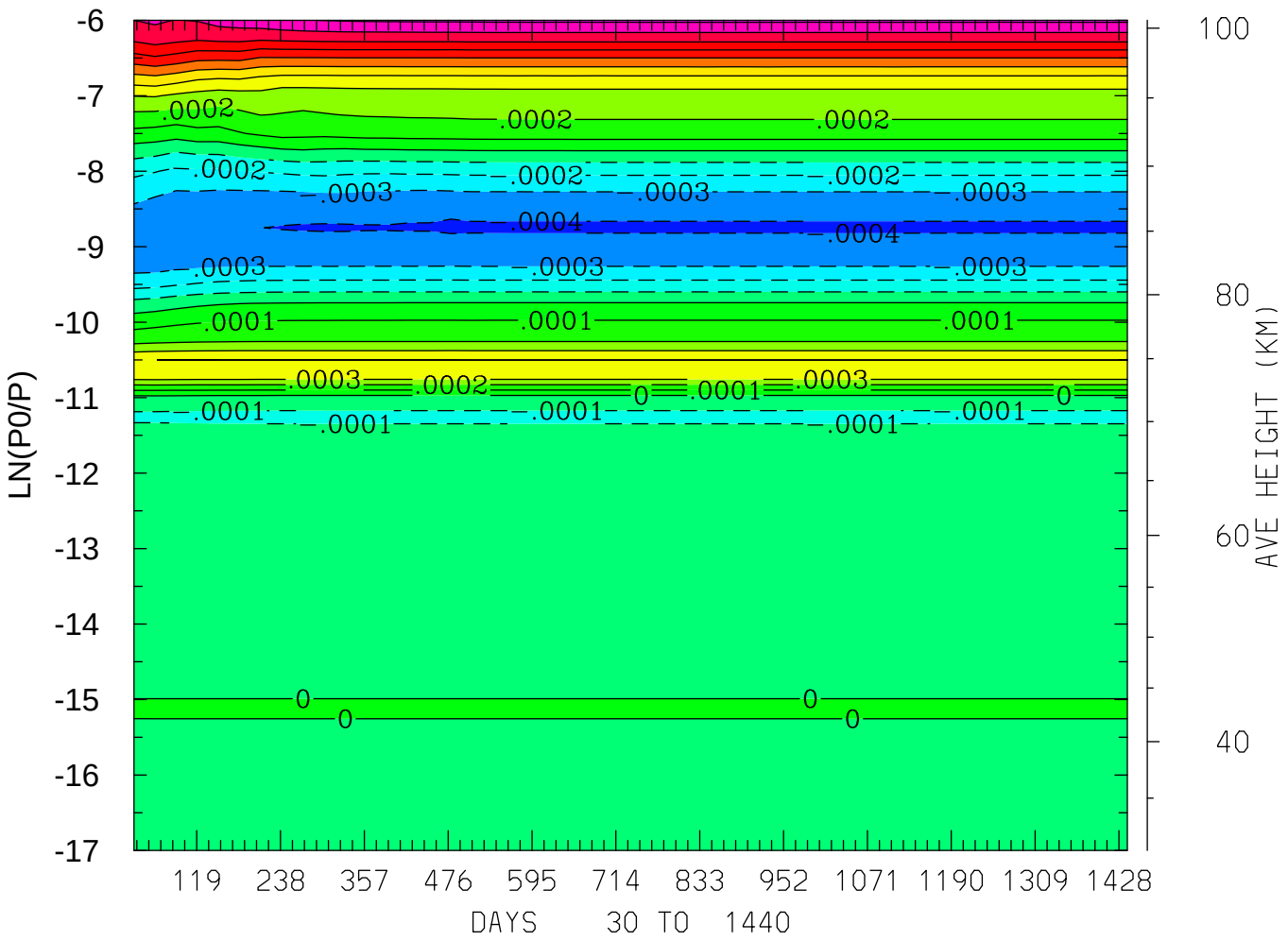
MIN,MAX= -6.4975E-12 1.2458E-01 INTERVAL= 1.0000E-02
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: EDDY DIFFUSION (EDY) (S-1)
YEAR,DAY 2000, 30 to 2003,345



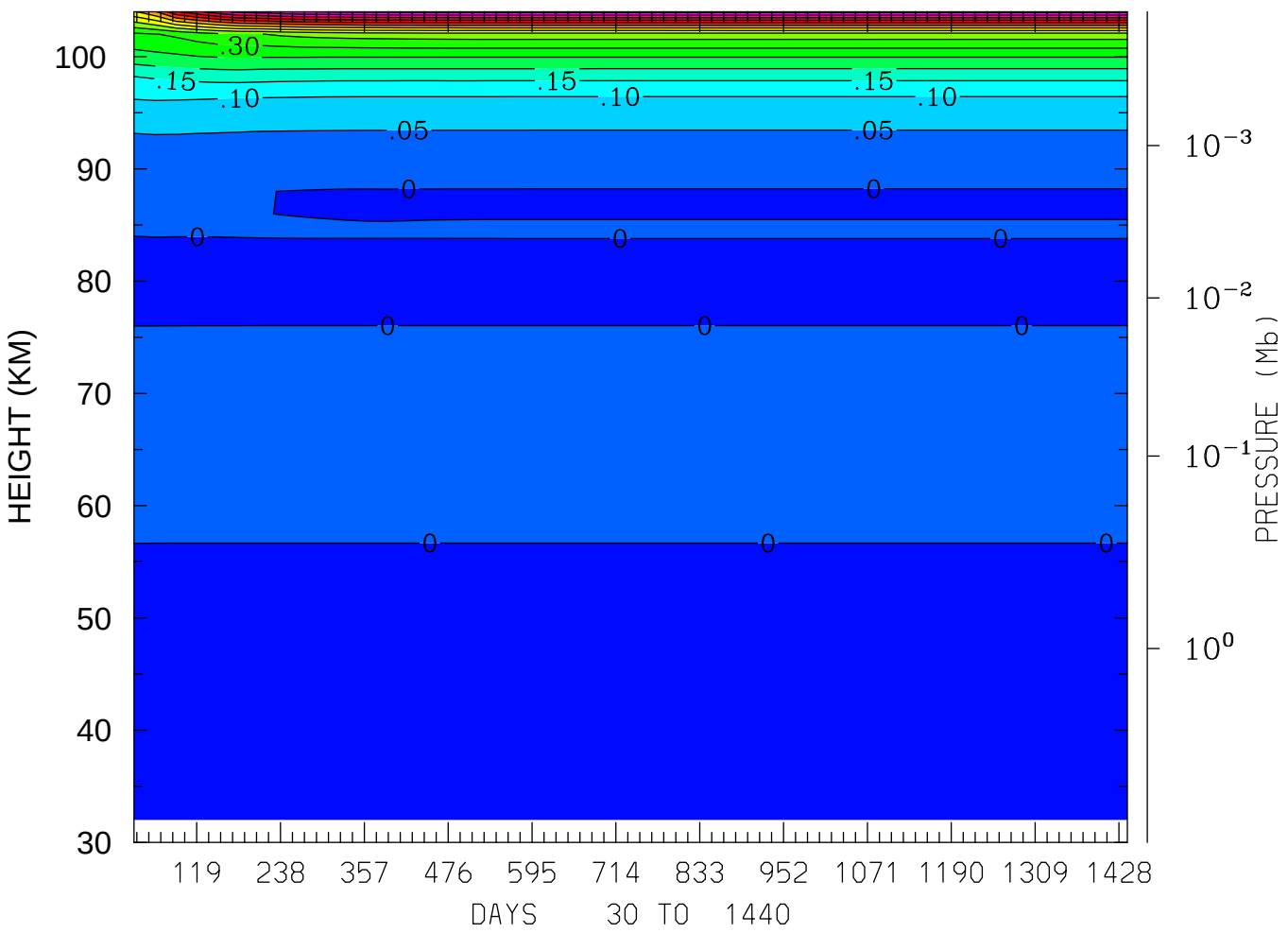
MIN,MAX= 5.5147E-10 1.6590E-08 INTERVAL= 1.0000E-09
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: MOLECULAR DIFFUSION COOLING (HCM) (DEG K/DAY)
YEAR,DAY 2000, 30 to 2003,345

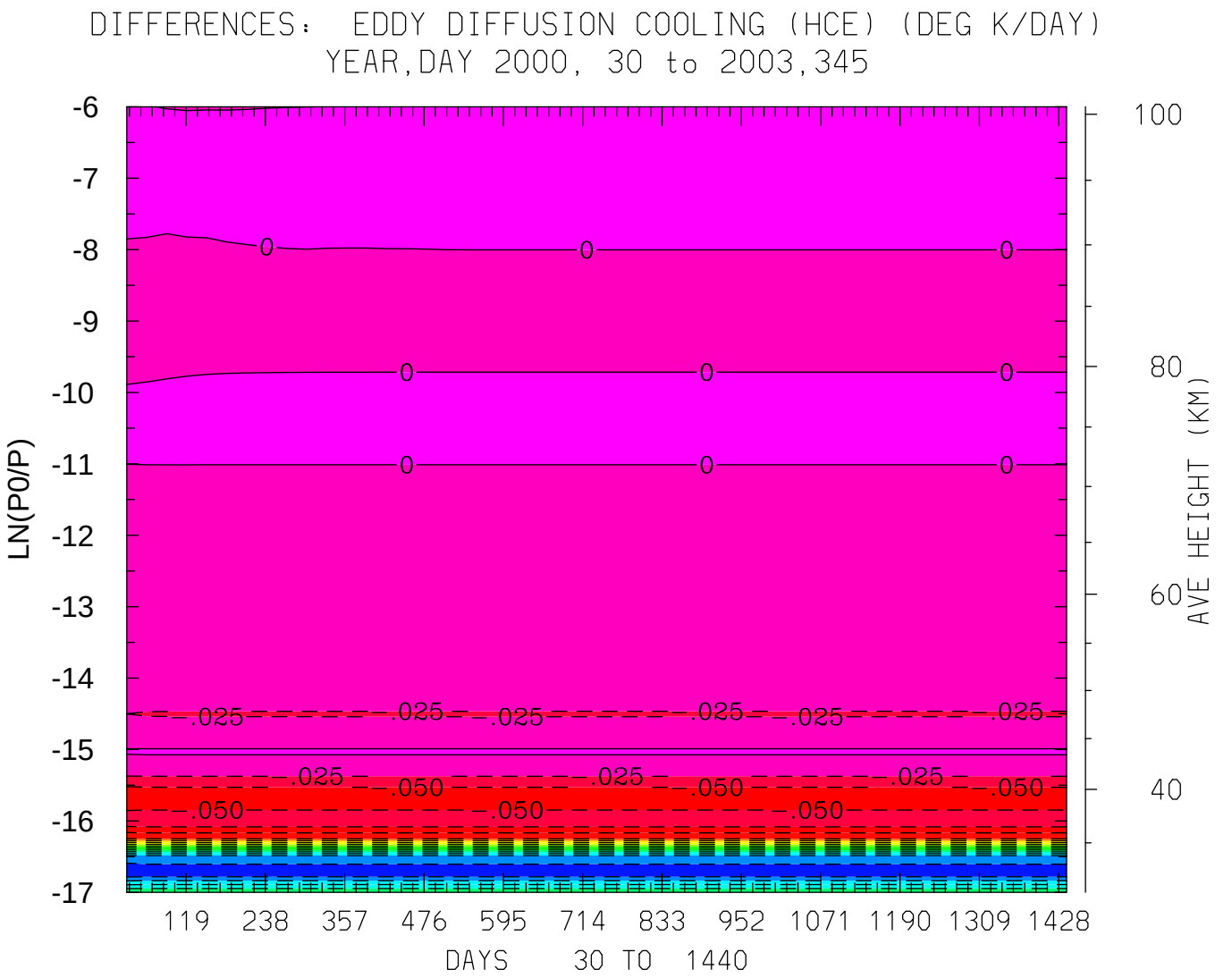


MIN,MAX= -4.1118E-04 1.0200E-03 INTERVAL= 1.0000E-04
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: MOLECULAR DIFFUSION COOLING (HCM) (DEG K/DAY)
YEAR,DAY 2000, 30 to 2003,345



MIN,MAX= -5.2635E-03 8.1472E-01 INTERVAL= 5.0000E-02
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00

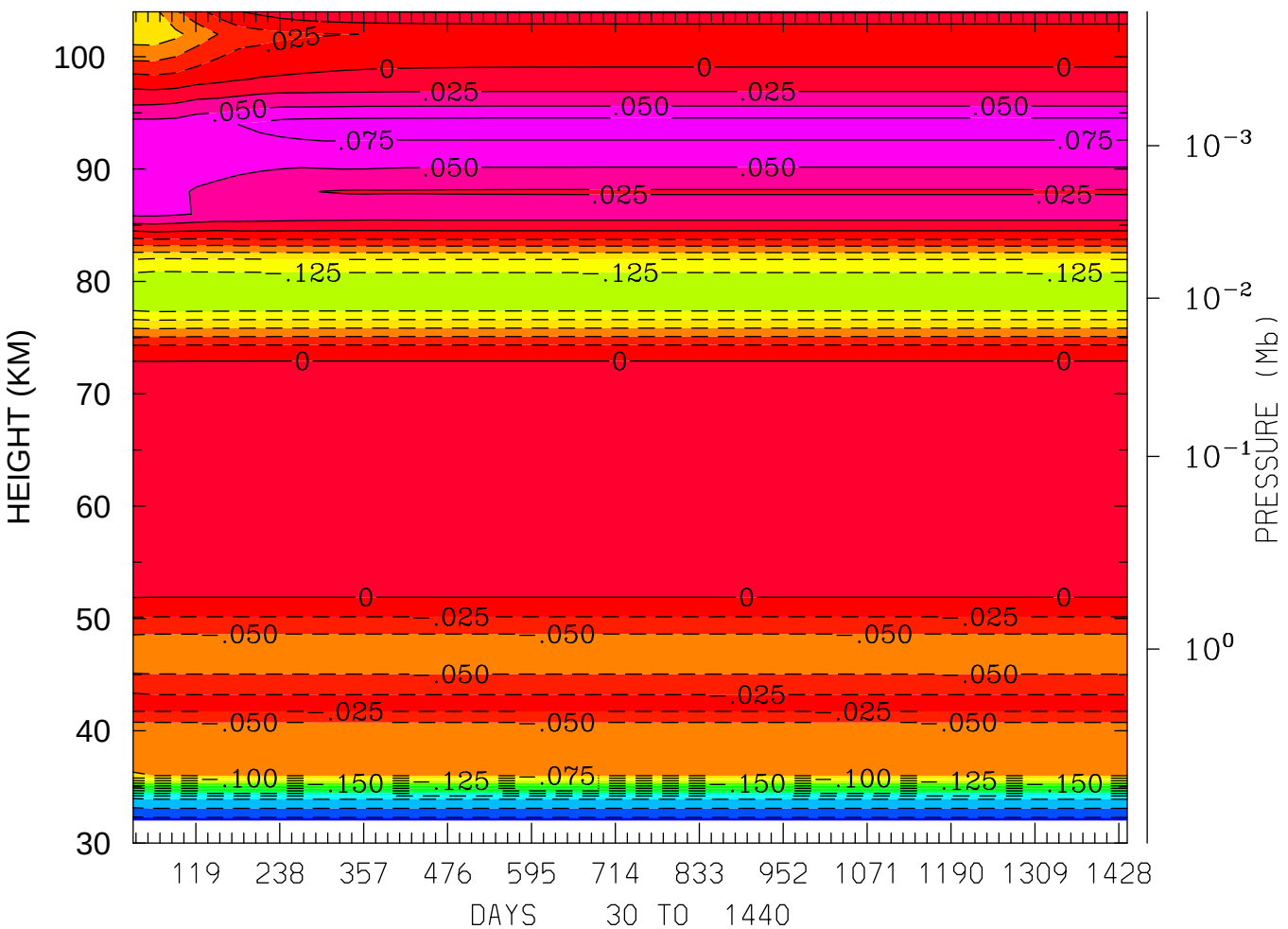


MIN,MAX= -3.6593E-01 2.3491E-02 INTERVAL= 2.5000E-02

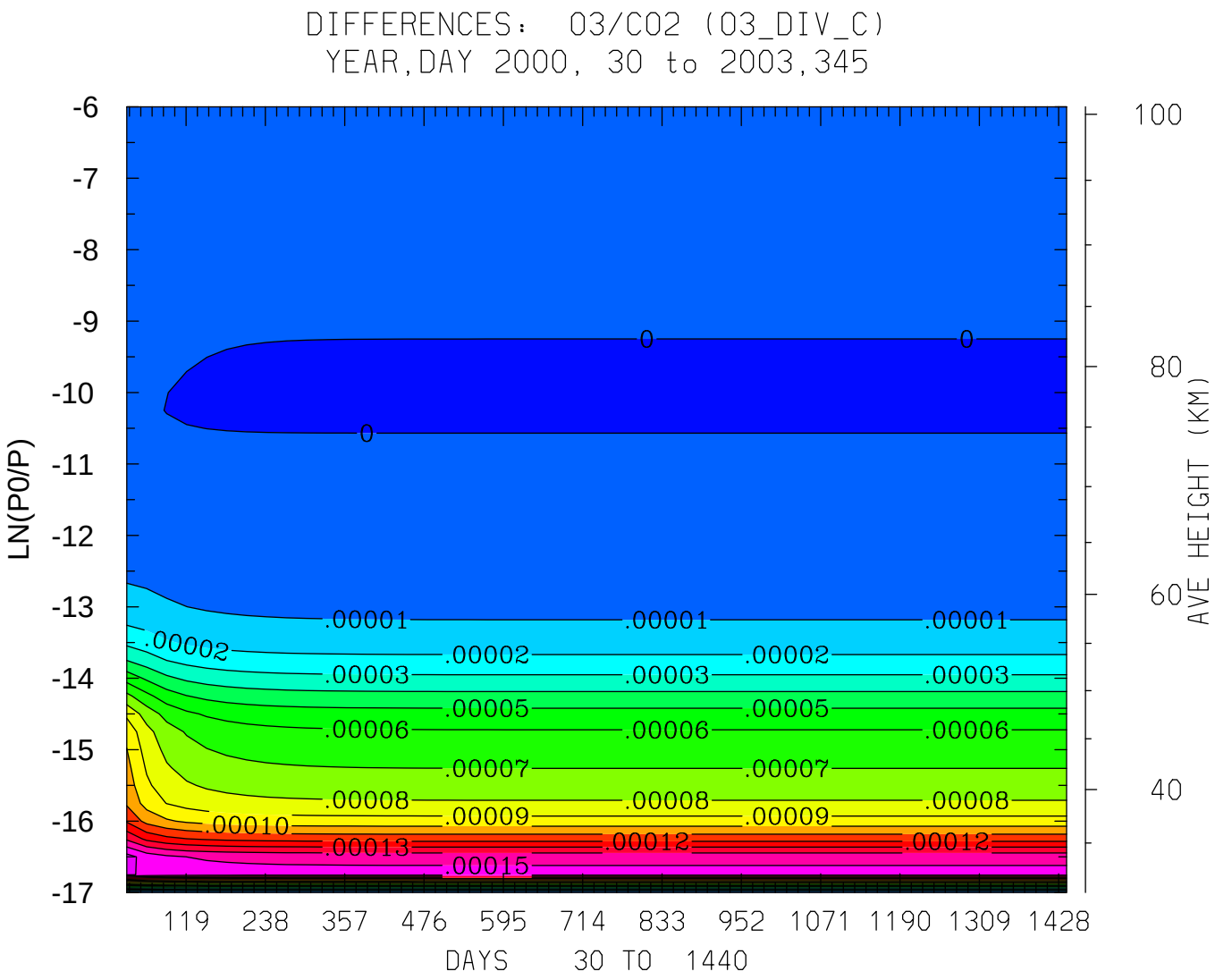
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

AVE F107D= 150.00 MINUS F107D= 150.00

DIFFERENCES: EDDY DIFFUSION COOLING (HCE) (DEG K/DAY)
YEAR,DAY 2000, 30 to 2003,345



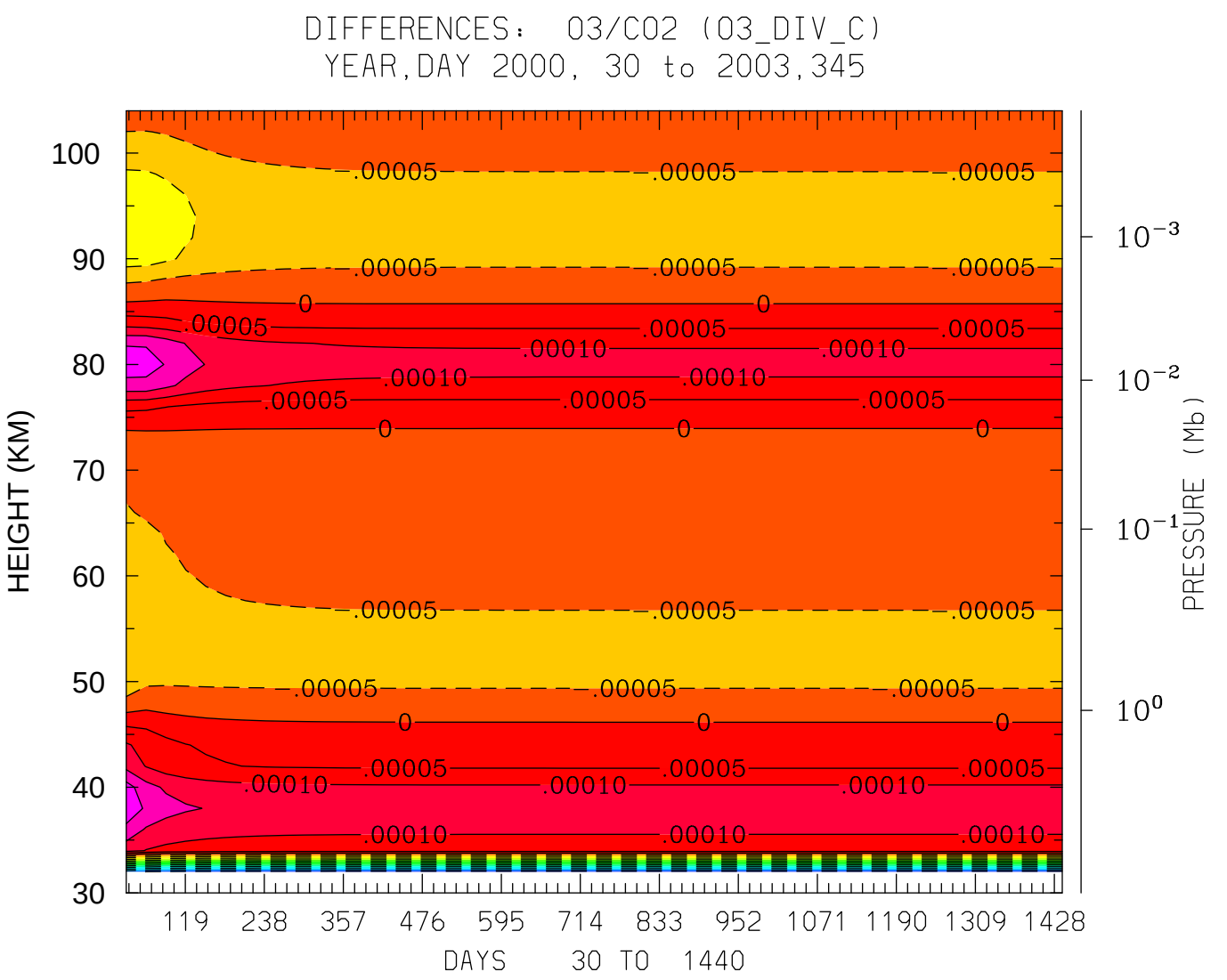
MIN,MAX= -3.5996E-01 8.8050E-02 INTERVAL= 2.5000E-02
IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc
AVE F107D= 150.00 MINUS F107D= 150.00



MIN,MAX= -1.6727E-06 1.6404E-04 INTERVAL= 1.0000E-05

IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

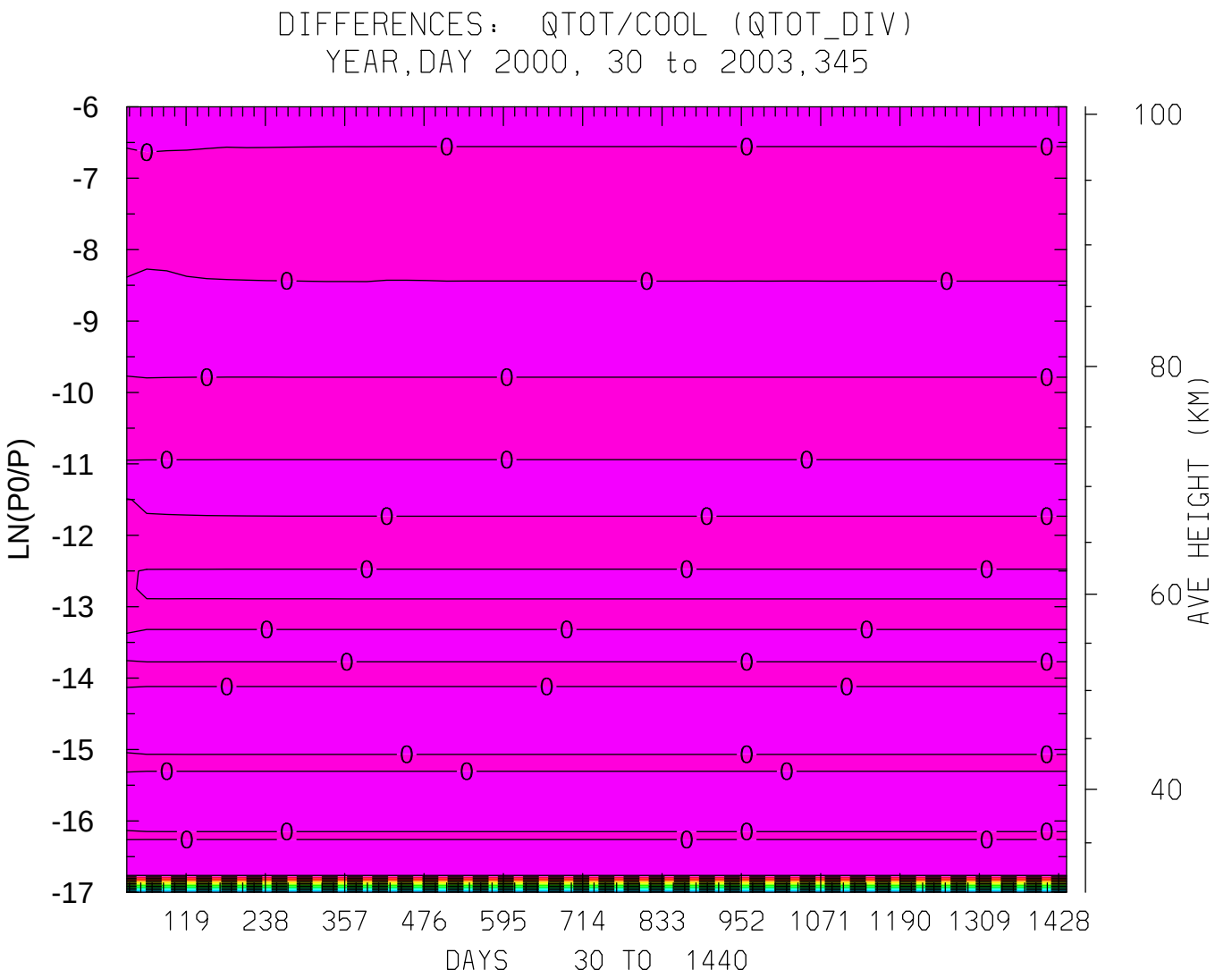
AVE F107D= 150.00 MINUS F107D= 150.00



MIN,MAX= -5.6613E-04 2.4341E-04 INTERVAL= 5.0000E-05

IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

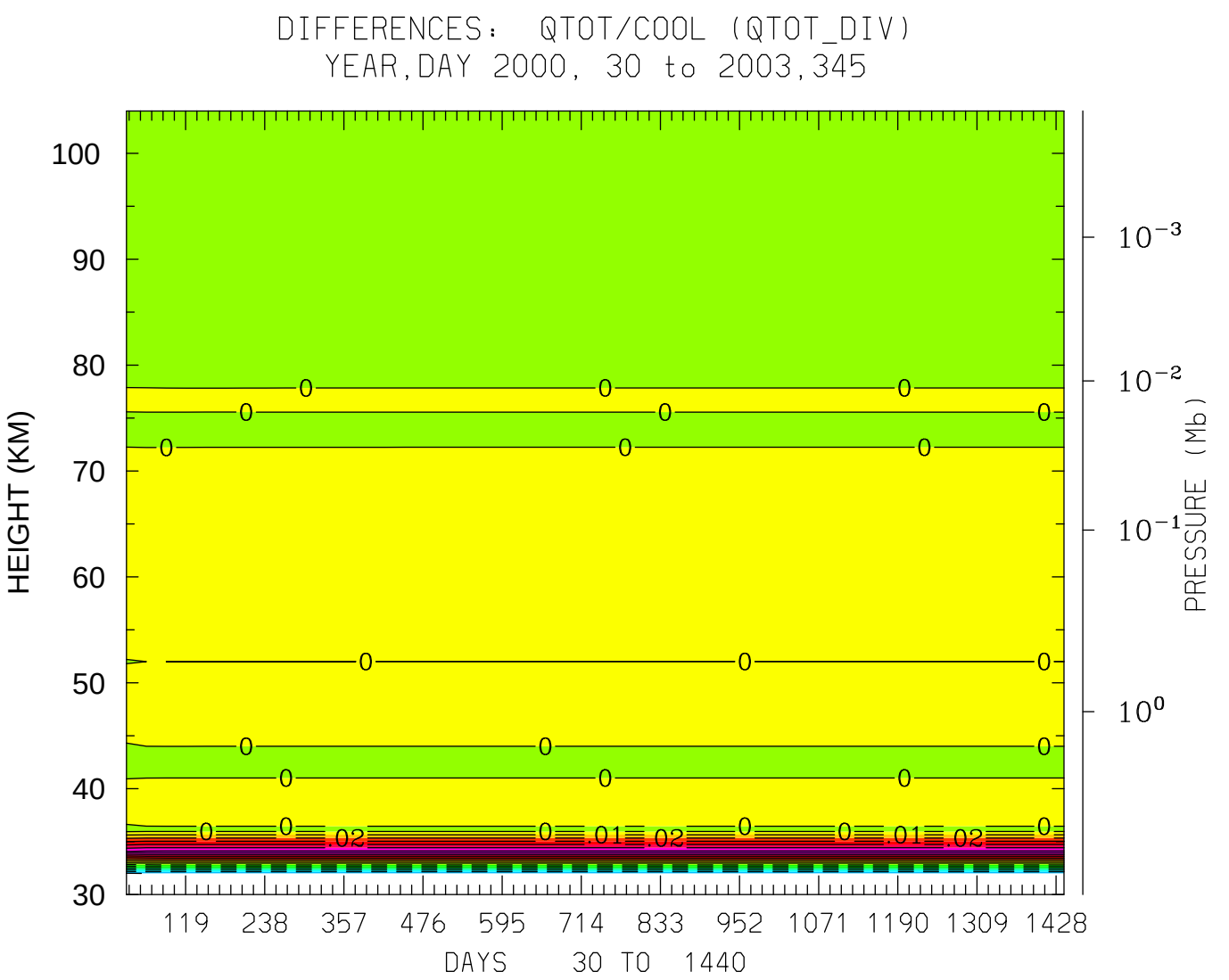
AVE F107D= 150.00 MINUS F107D= 150.00



MIN,MAX= -2.4871E+00 1.4201E-01 INTERVAL= 2.0000E-01

IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

AVE F107D= 150.00 MINUS F107D= 150.00



MIN,MAX= -6.1068E-02 6.3806E-02 INTERVAL= 1.0000E-02

IFFS: ROBLE.glbmsm.co2.dc.720_001.nc MINUS ROBLE.glbmsm.co2.dclb.720_001.nc

AVE F107D= 150.00 MINUS F107D= 150.00