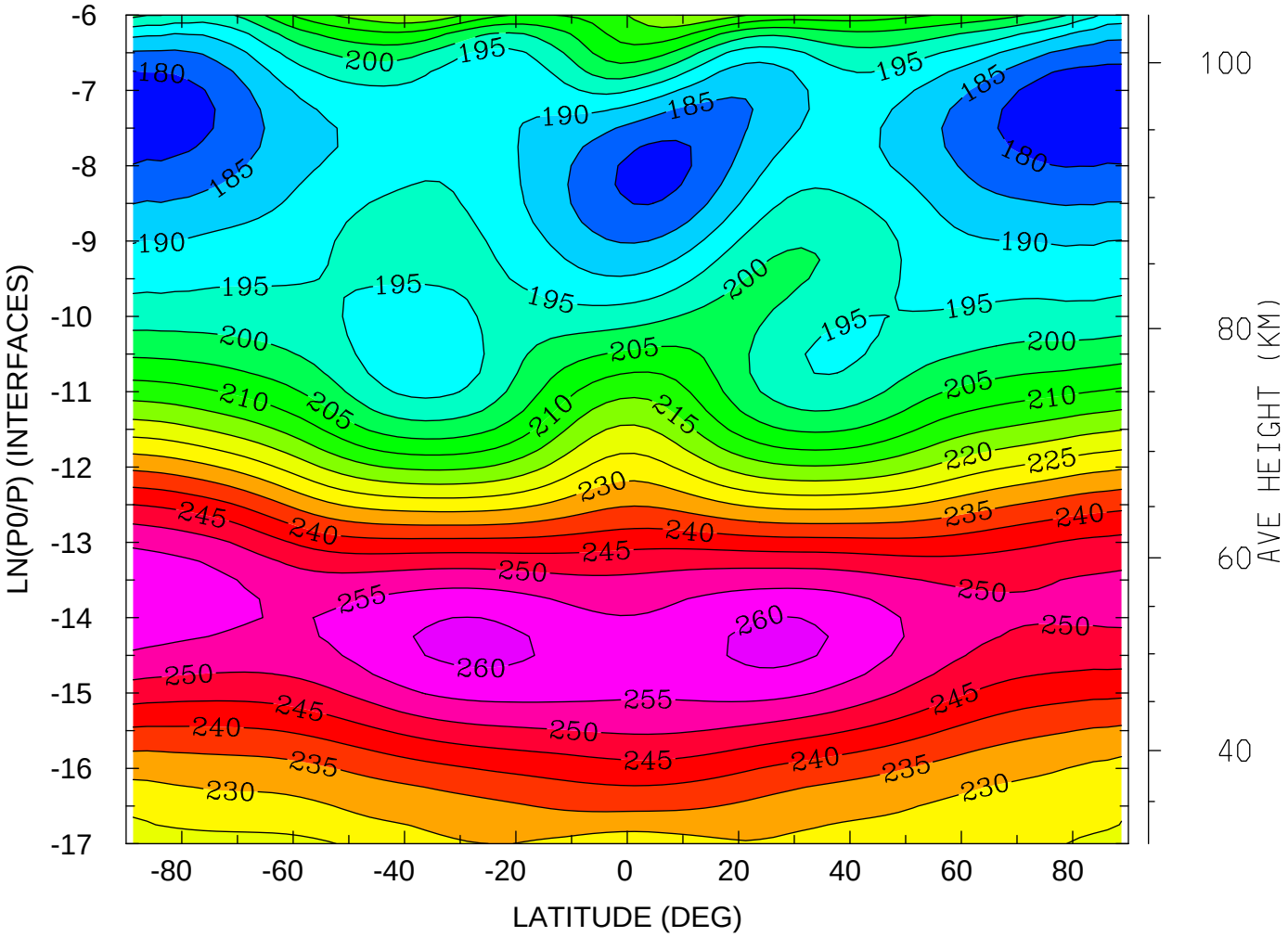
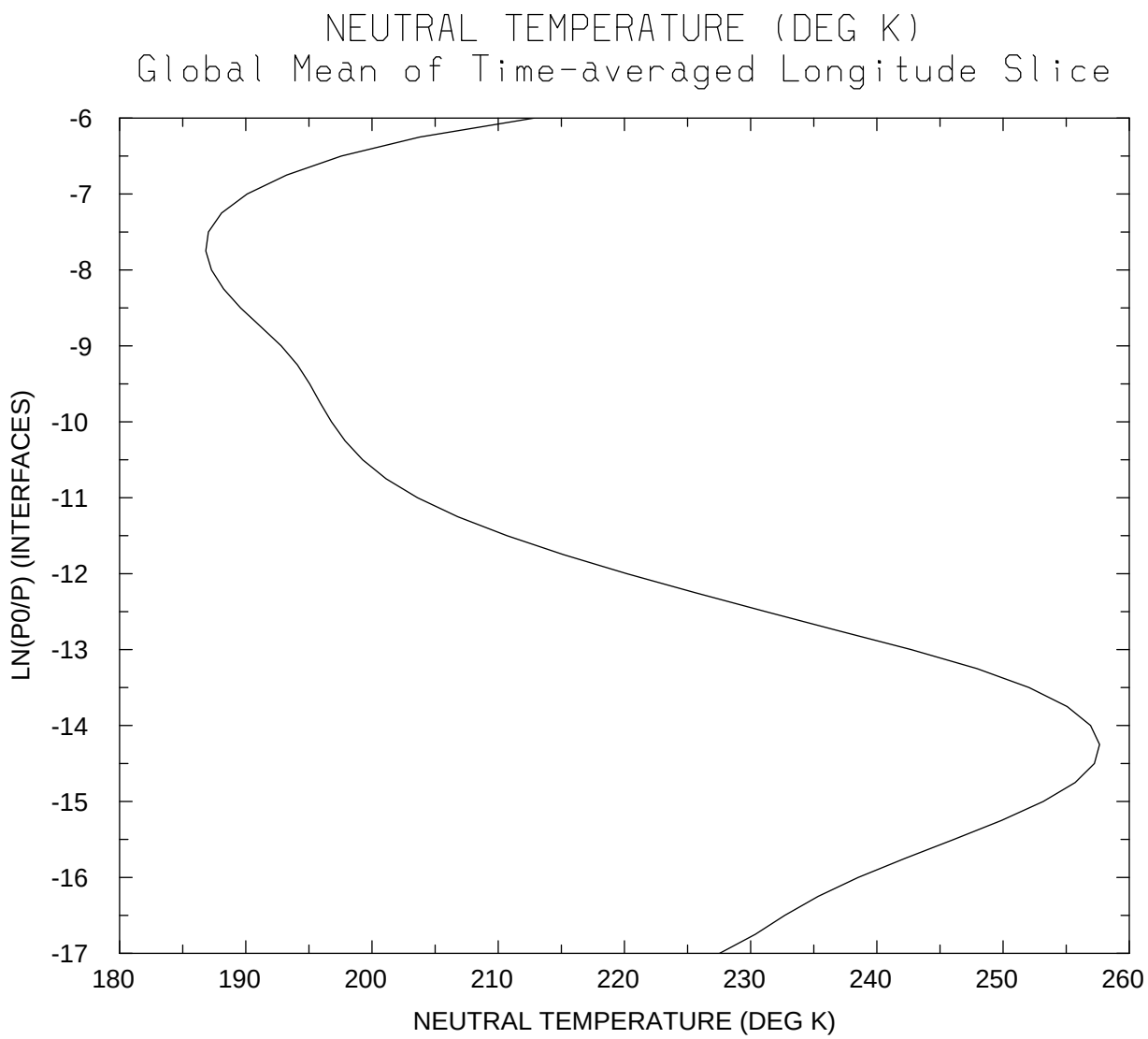
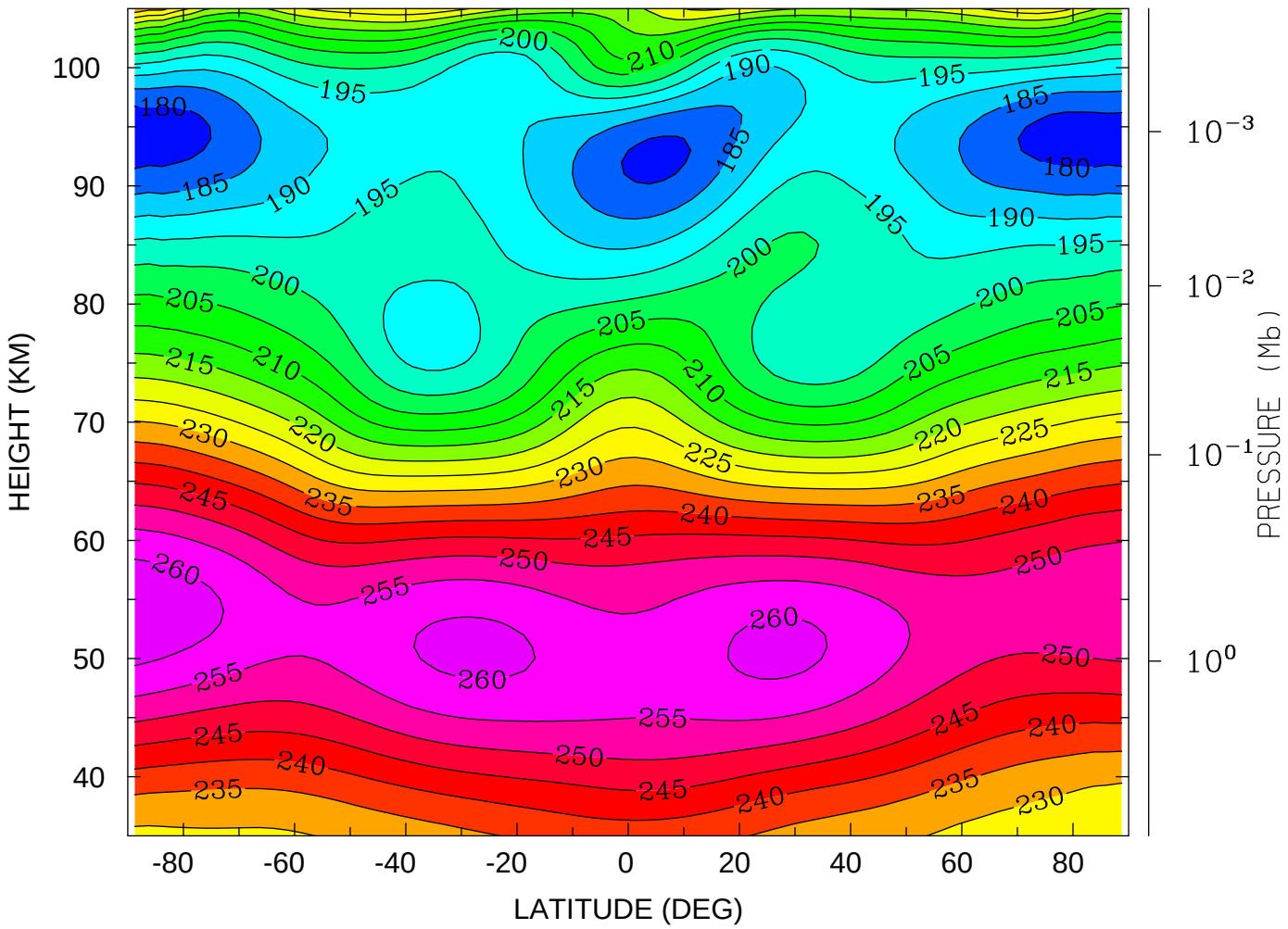
NEUTRAL TEMPERATURE (DEG K)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= 1.7572E+02 2.6142E+02 INTERVAL= 5.0000E+00
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

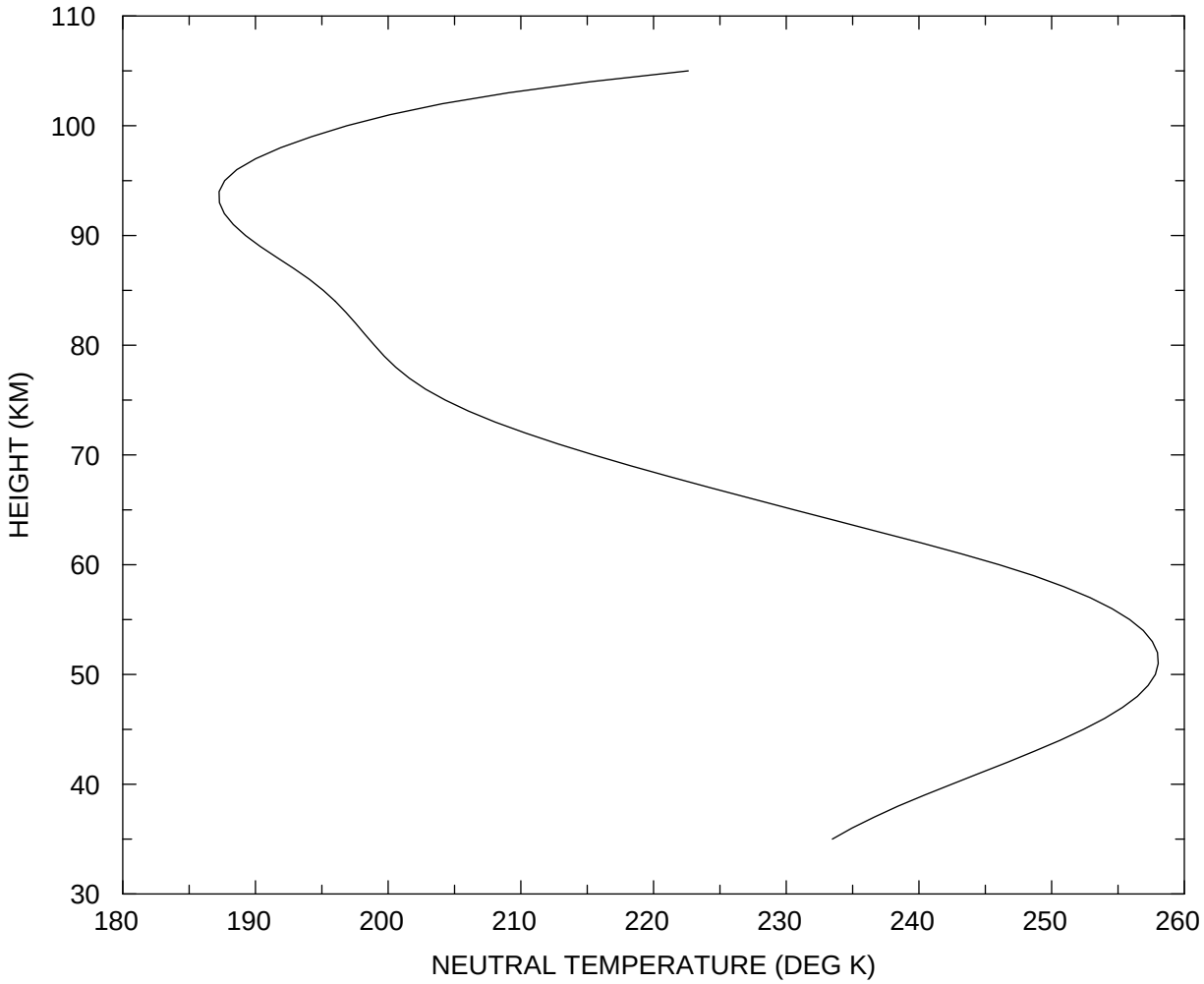

NEUTRAL TEMPERATURE (DEG K)
Global Mean of Time-averaged Longitude Slice
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
LN(P0/P) (INTERFACES)
180
190
200
210
220
230
240
250
260
NEUTRAL TEMPERATURE (DEG K)
MIN,MAX= 0.1868E+03, 0.2576E+03
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

NEUTRAL TEMPERATURE (DEG K)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)

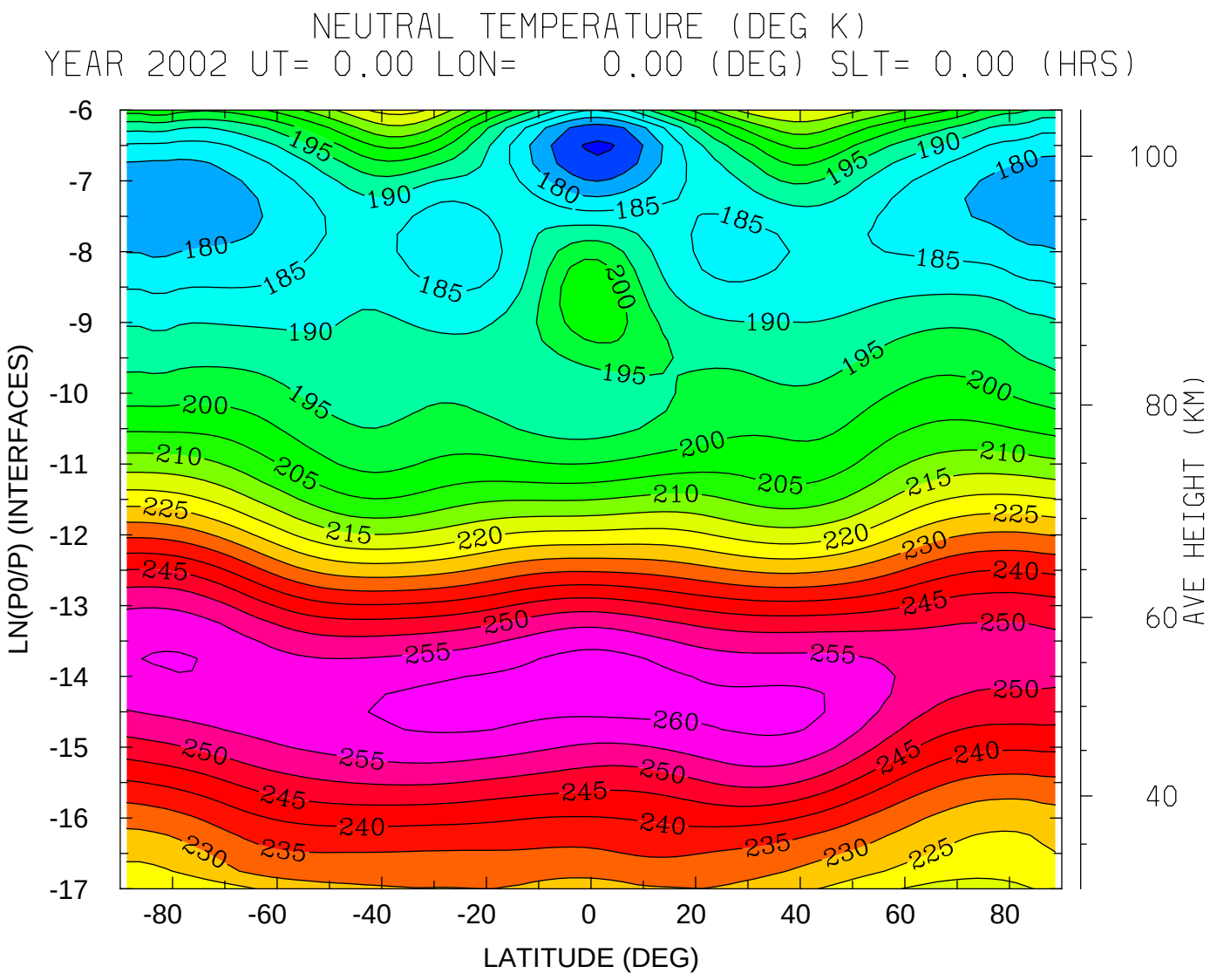


MIN,MAX= 1.7676E+02 2.6386E+02 INTERVAL= 5.0000E+00
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

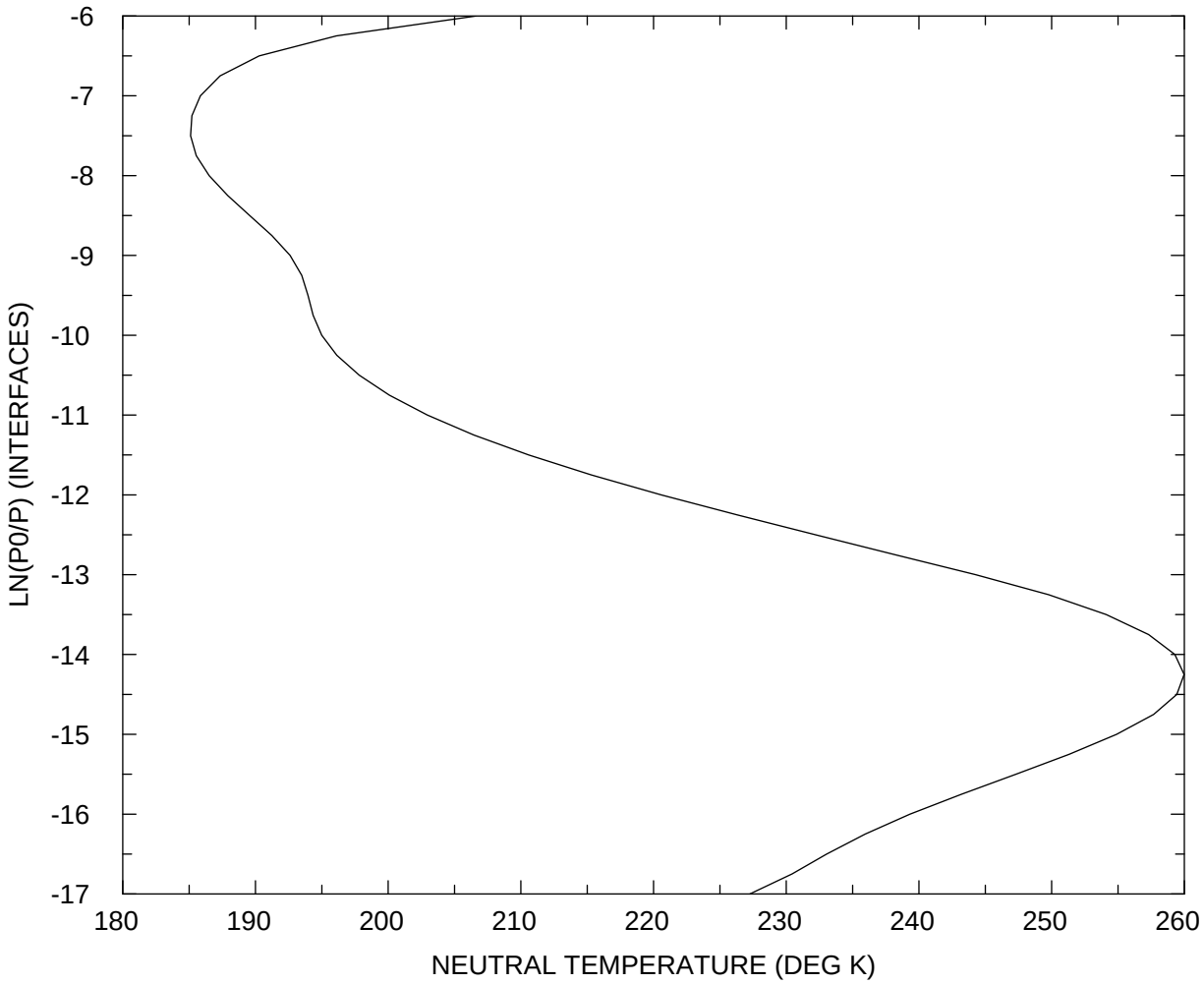
NEUTRAL TEMPERATURE (DEG K)
Global Mean of Time-averaged Longitude Slice



MIN,MAX= 0.1873E+03, 0.2580E+03
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

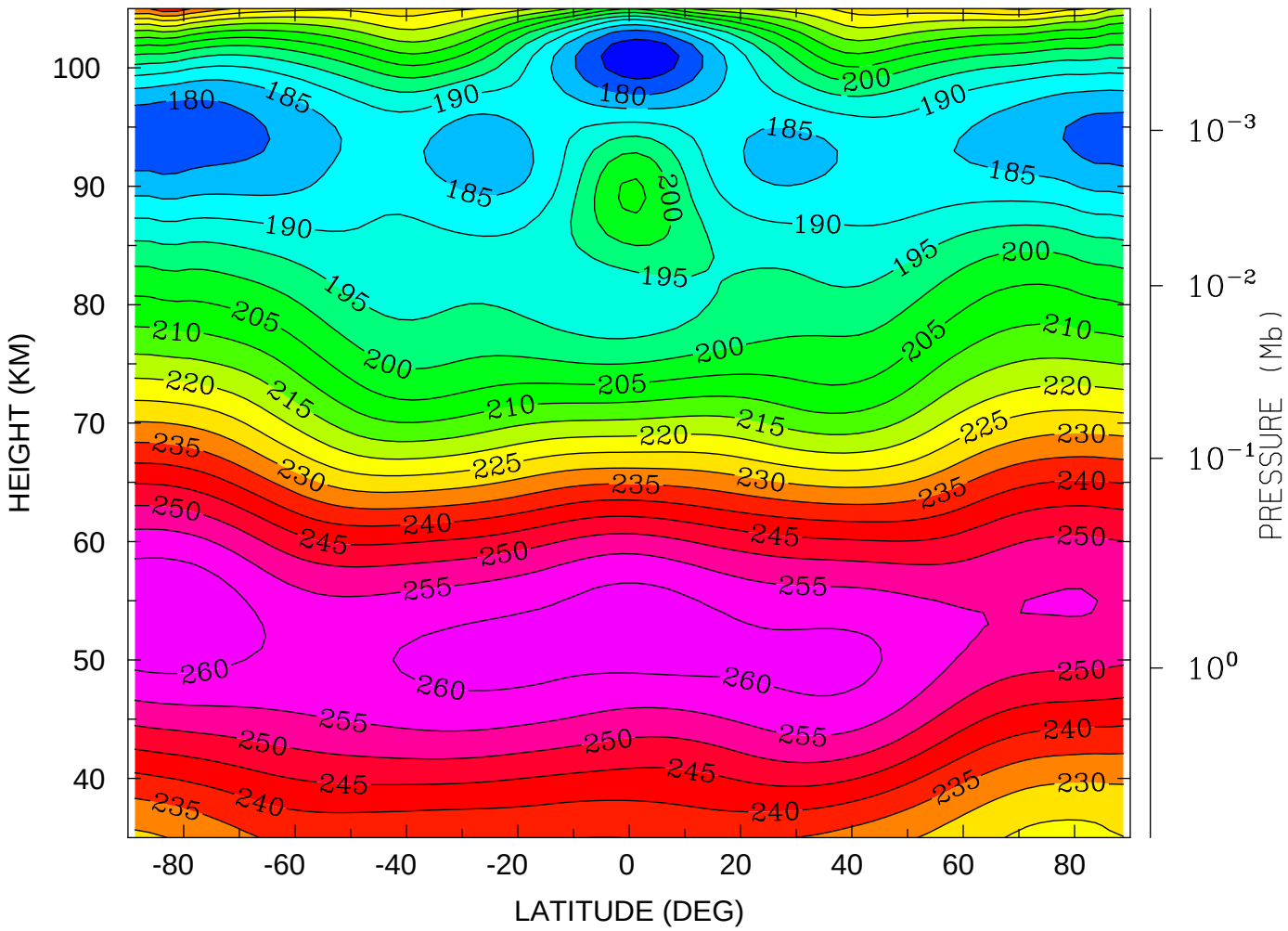

NEUTRAL TEMPERATURE (DEG K)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (INTERFACES)
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
AVE HEIGHT (KM)
100
80
60
40
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
MIN,MAX= 1.6913E+02 2.6297E+02 INTERVAL= 5.0000E+00
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

NEUTRAL TEMPERATURE (DEG K)
Global Mean of Time-averaged Longitude Slice



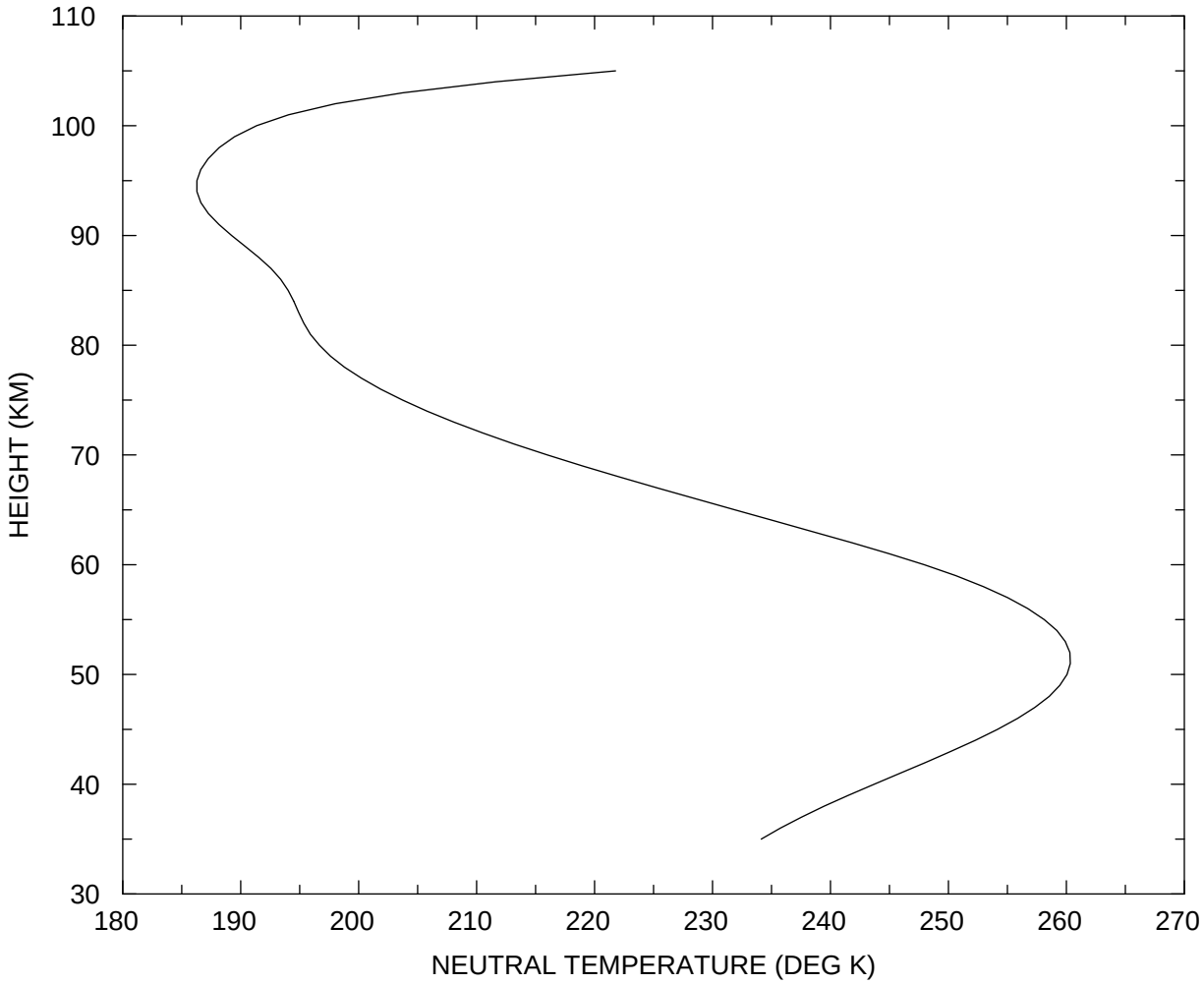
MIN,MAX= 0.1851E+03, 0.2600E+03
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

NEUTRAL TEMPERATURE (DEG K)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



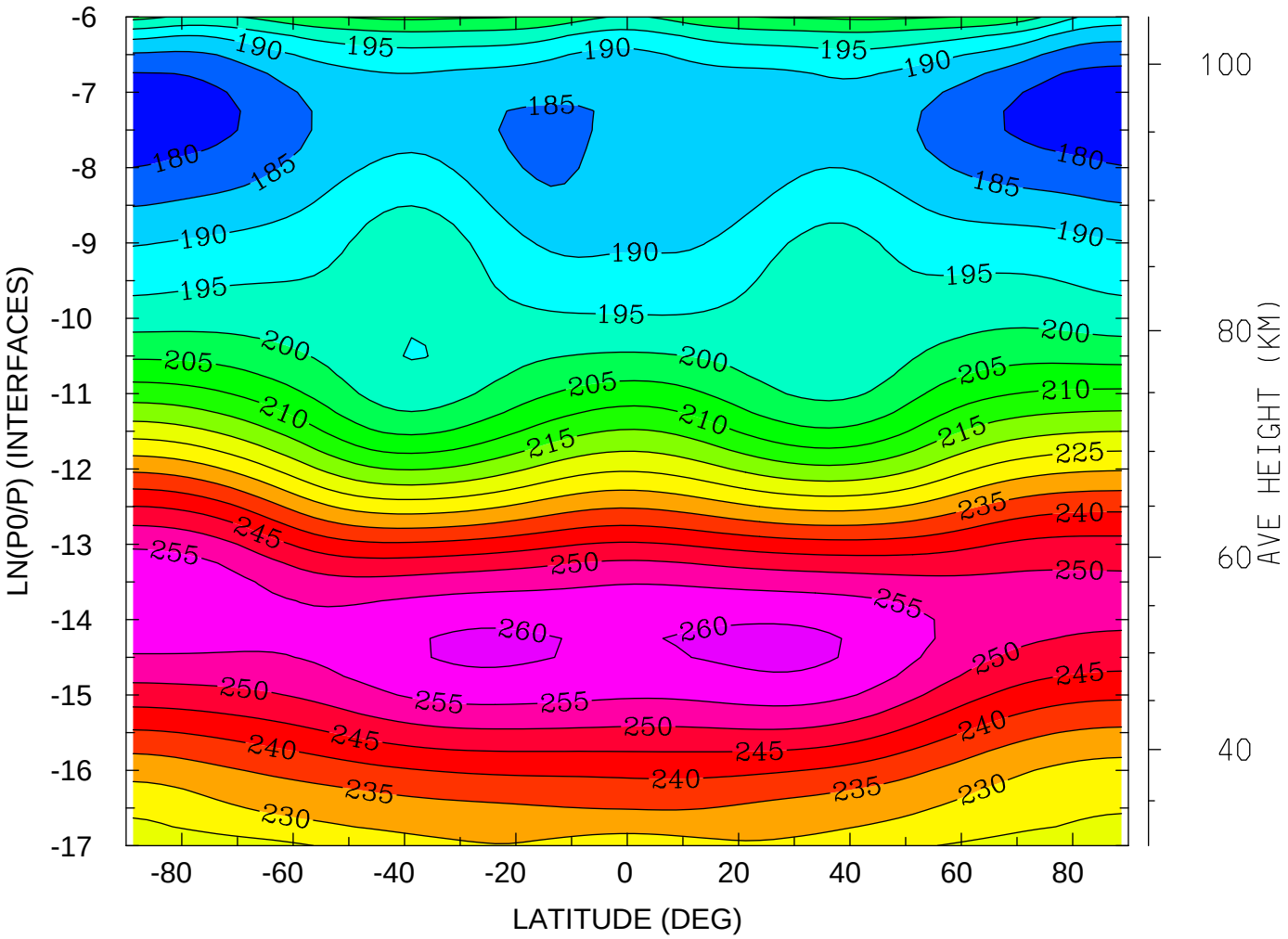
MIN,MAX= 1.7145E+02 2.6450E+02 INTERVAL= 5.0000E+00
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

NEUTRAL TEMPERATURE (DEG K)
Global Mean of Time-averaged Longitude Slice



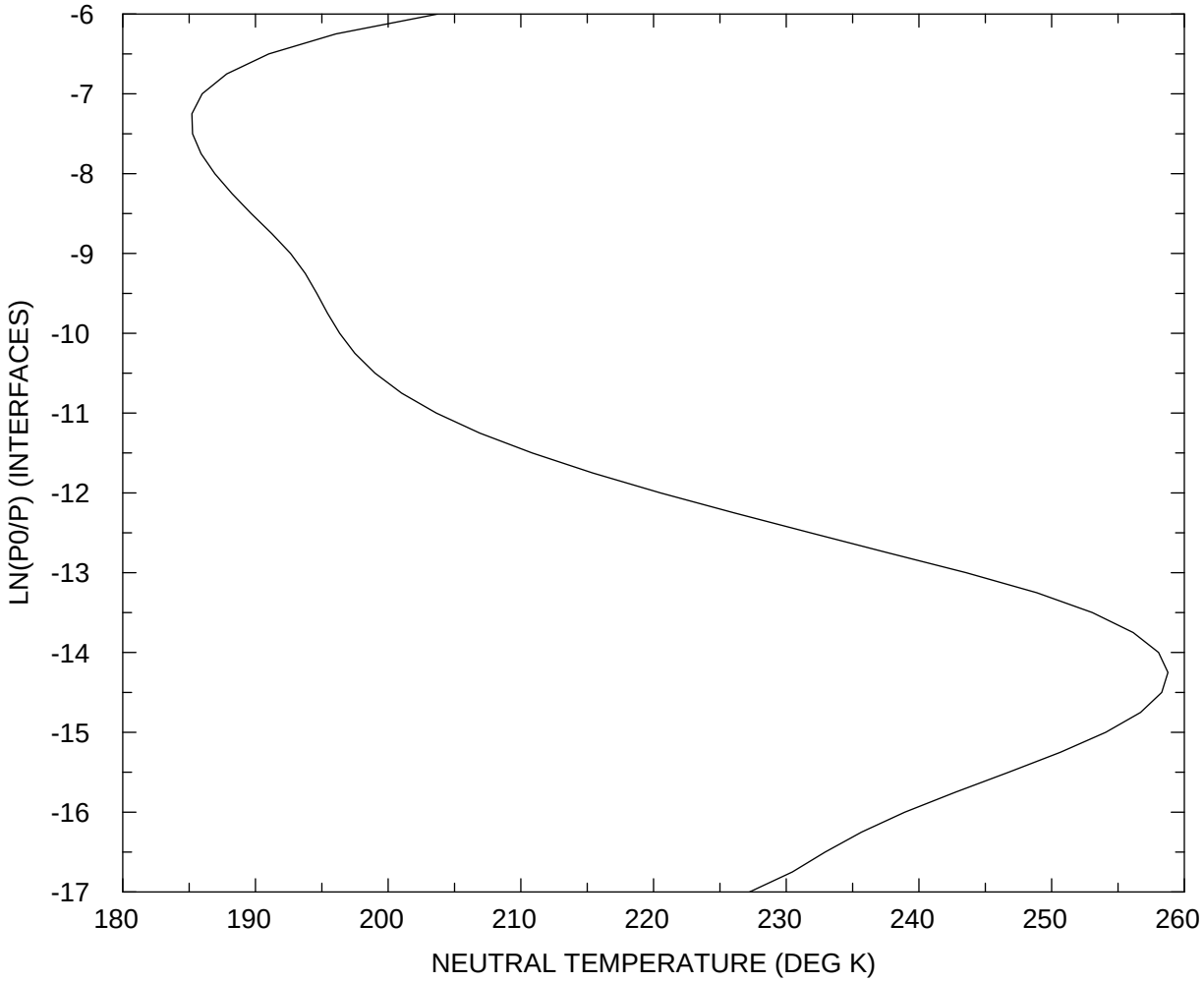
MIN,MAX= 0.1863E+03, 0.2603E+03
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

NEUTRAL TEMPERATURE (DEG K)
YEAR 2002 UT= 0.00 ZONAL MEANS

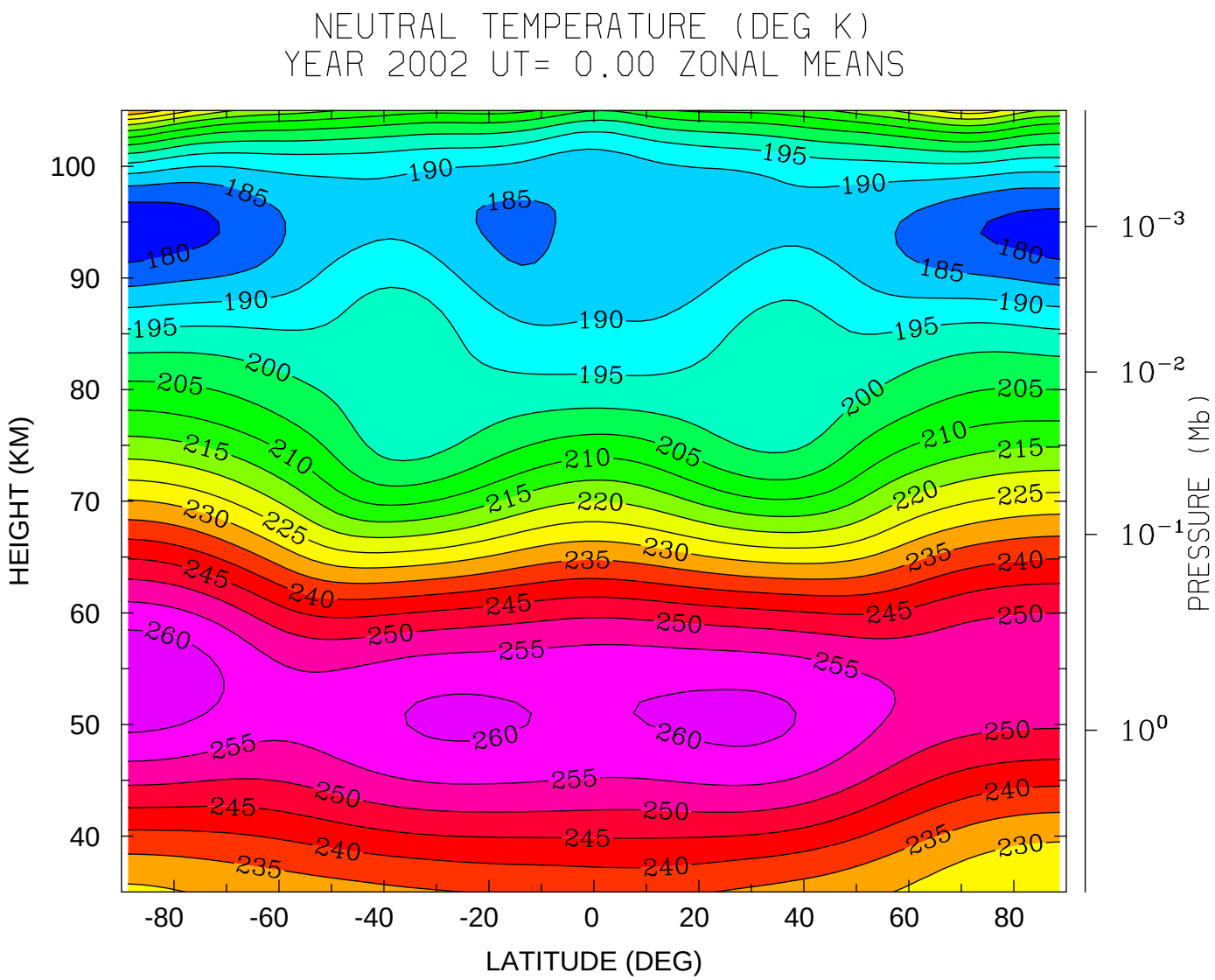


MIN,MAX= 1.7600E+02 2.6107E+02 INTERVAL= 5.0000E+00
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

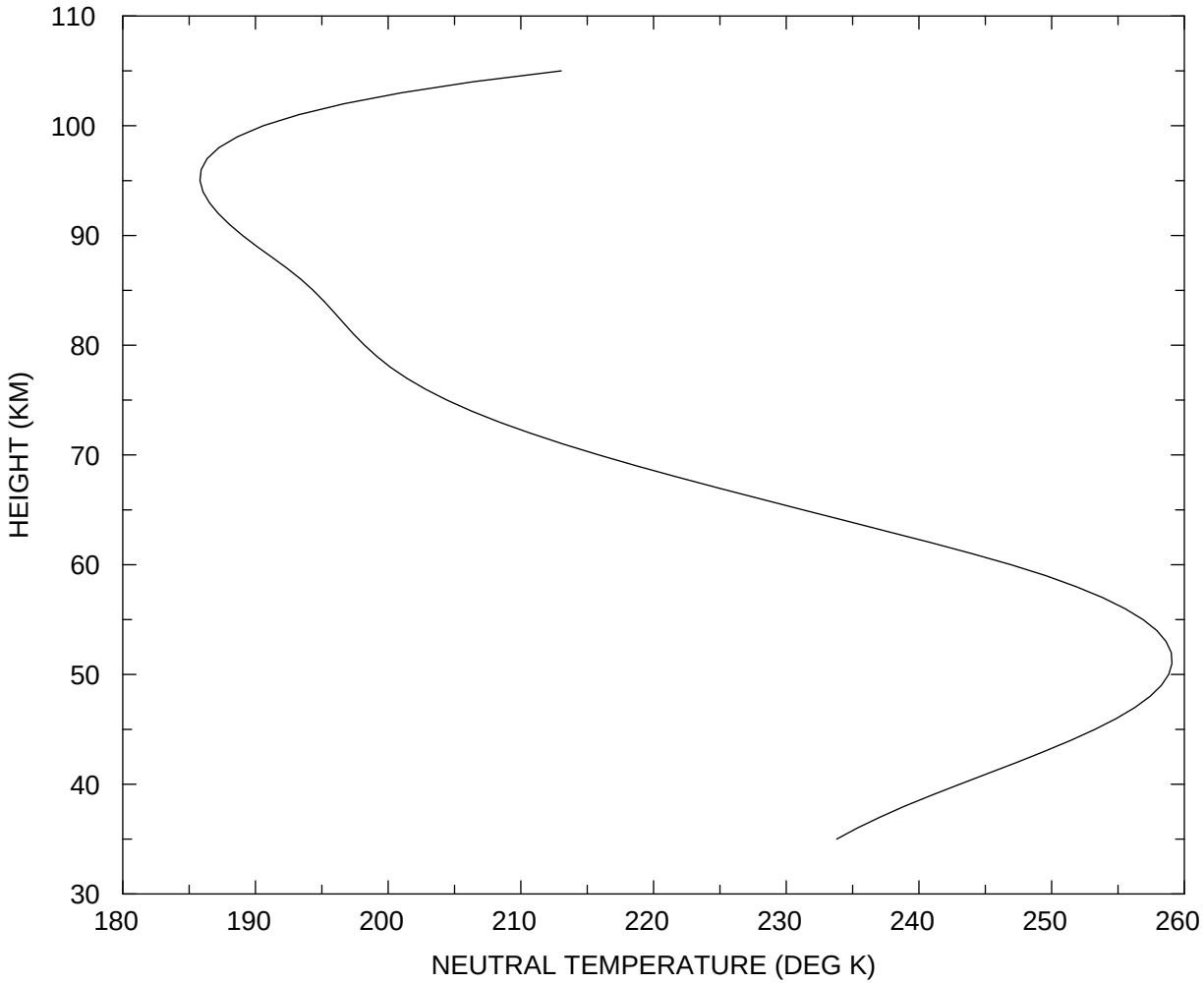
NEUTRAL TEMPERATURE (DEG K)
Global Mean of Time-averaged Longitude Slice



MIN,MAX= 0.1852E+03, 0.2588E+03
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

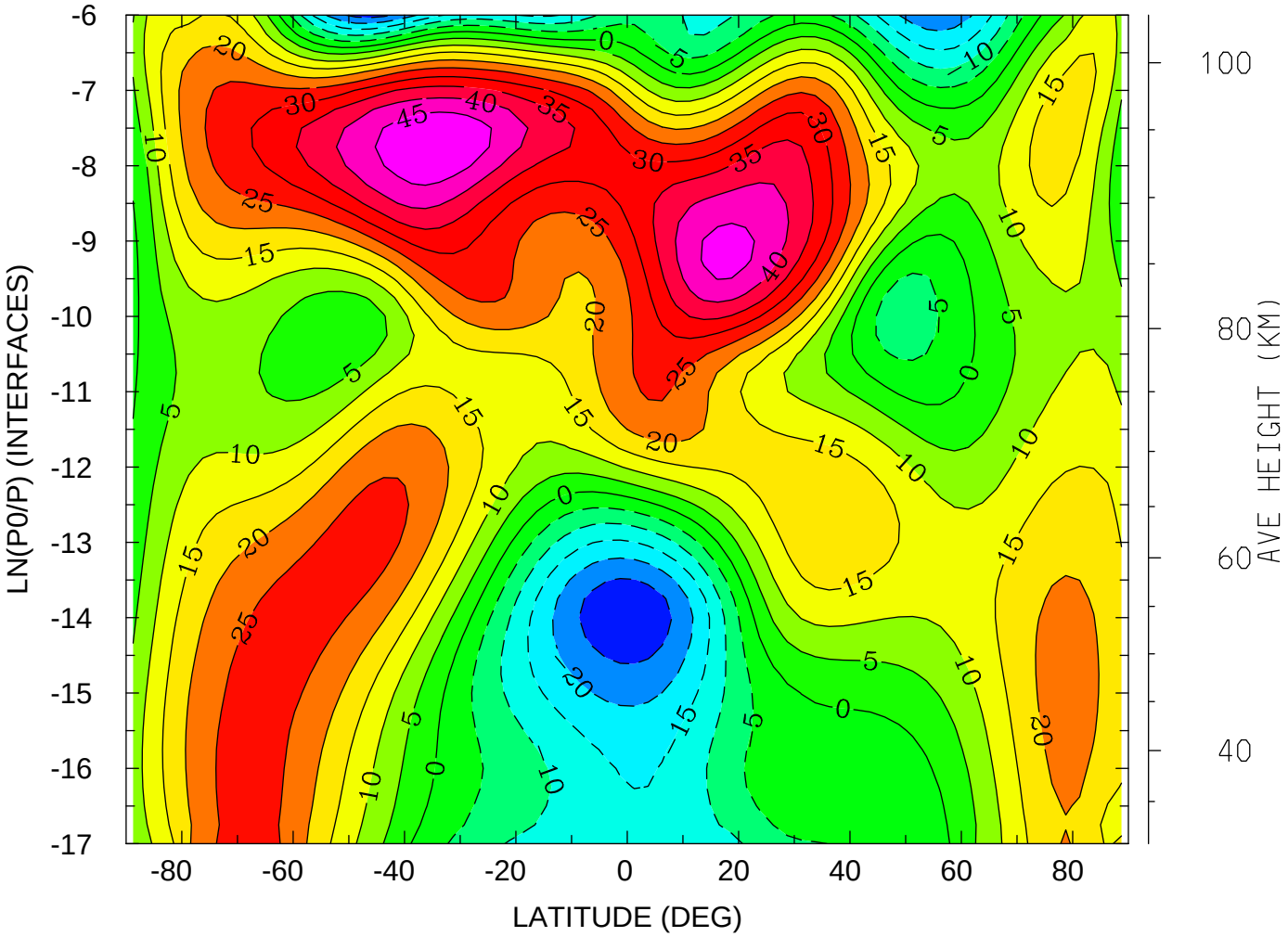

NEUTRAL TEMPERATURE (DEG K)
YEAR 2002 UT= 0.00 ZONAL MEANS
HEIGHT (KM)
100
90
80
70
60
50
40
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
PRESSURE (Mb)
10^{-3}
10^{-2}
10^{-1}
10^{0}
MIN,MAX= 1.7662E+02 2.6403E+02 INTERVAL= 5.0000E+00
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

NEUTRAL TEMPERATURE (DEG K)
Global Mean of Time-averaged Longitude Slice

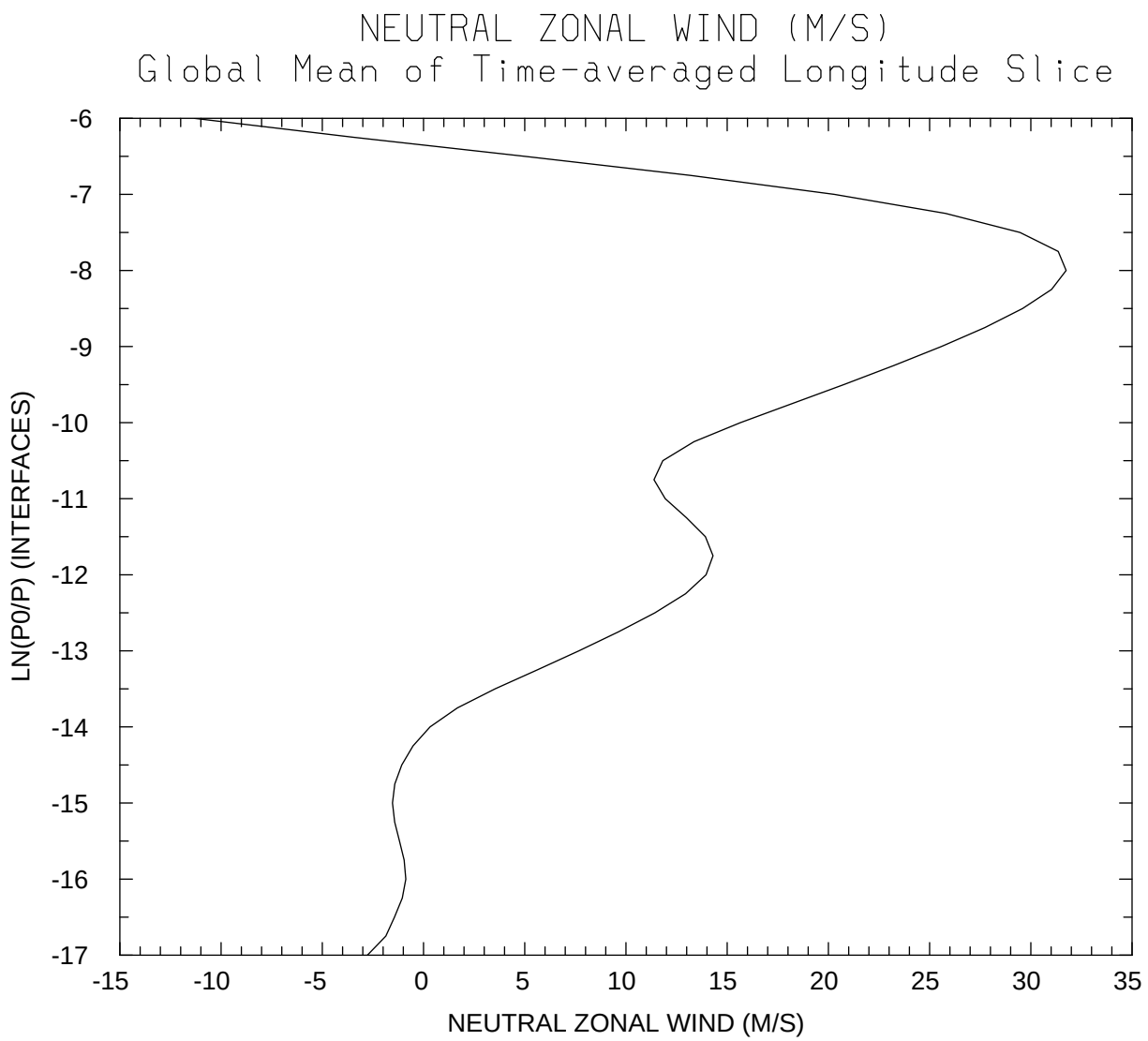


MIN,MAX= 0.1858E+03, 0.2591E+03
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

NEUTRAL ZONAL WIND (M/S)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)

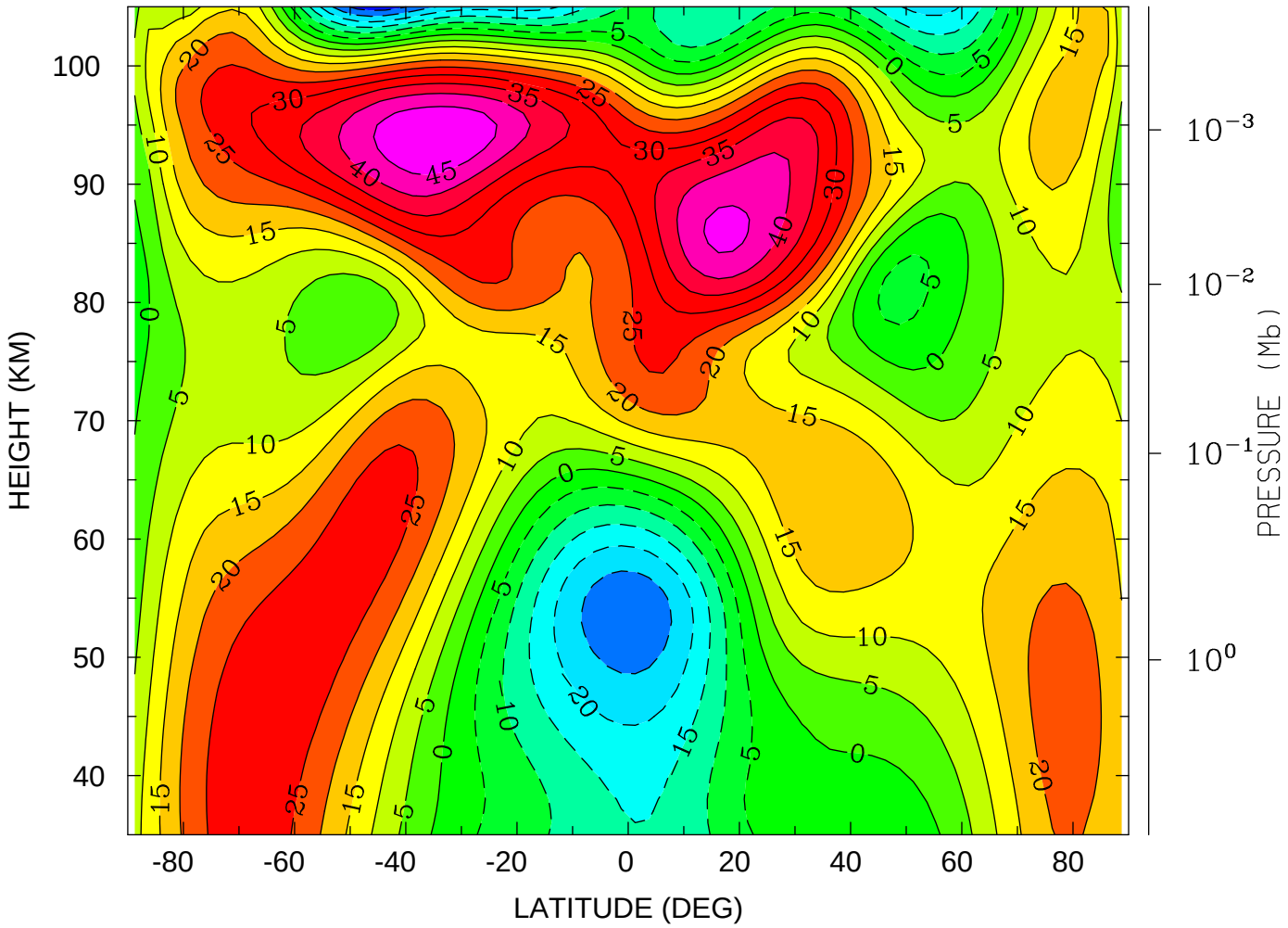


MIN,MAX= -2.9204E+01 4.9669E+01 INTERVAL= 5.0000E+00
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



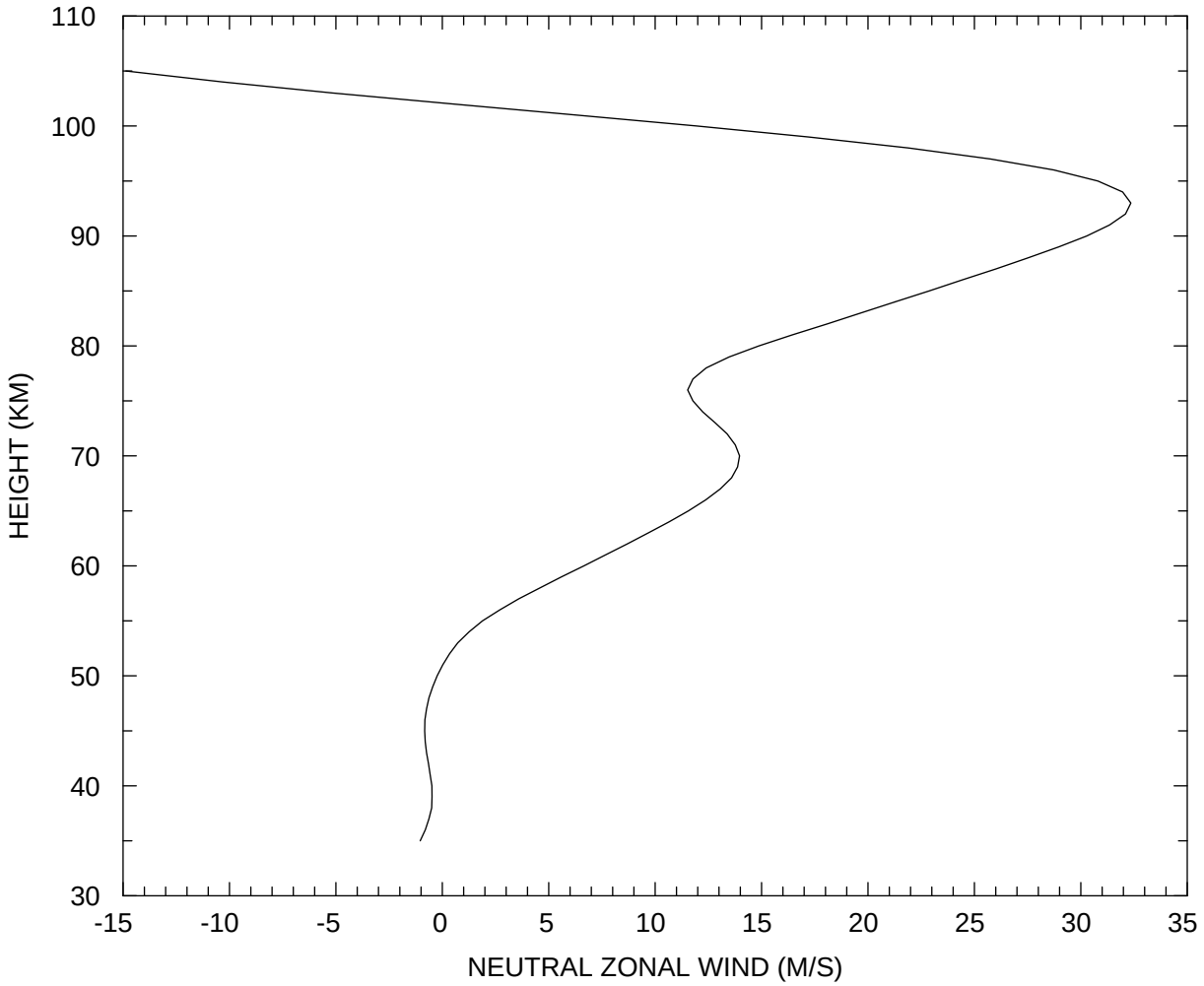
MIN,MAX= -0.1133E+02, 0.3174E+02
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

NEUTRAL ZONAL WIND (M/S)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= -3.3231E+01 5.0036E+01 INTERVAL= 5.0000E+00
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

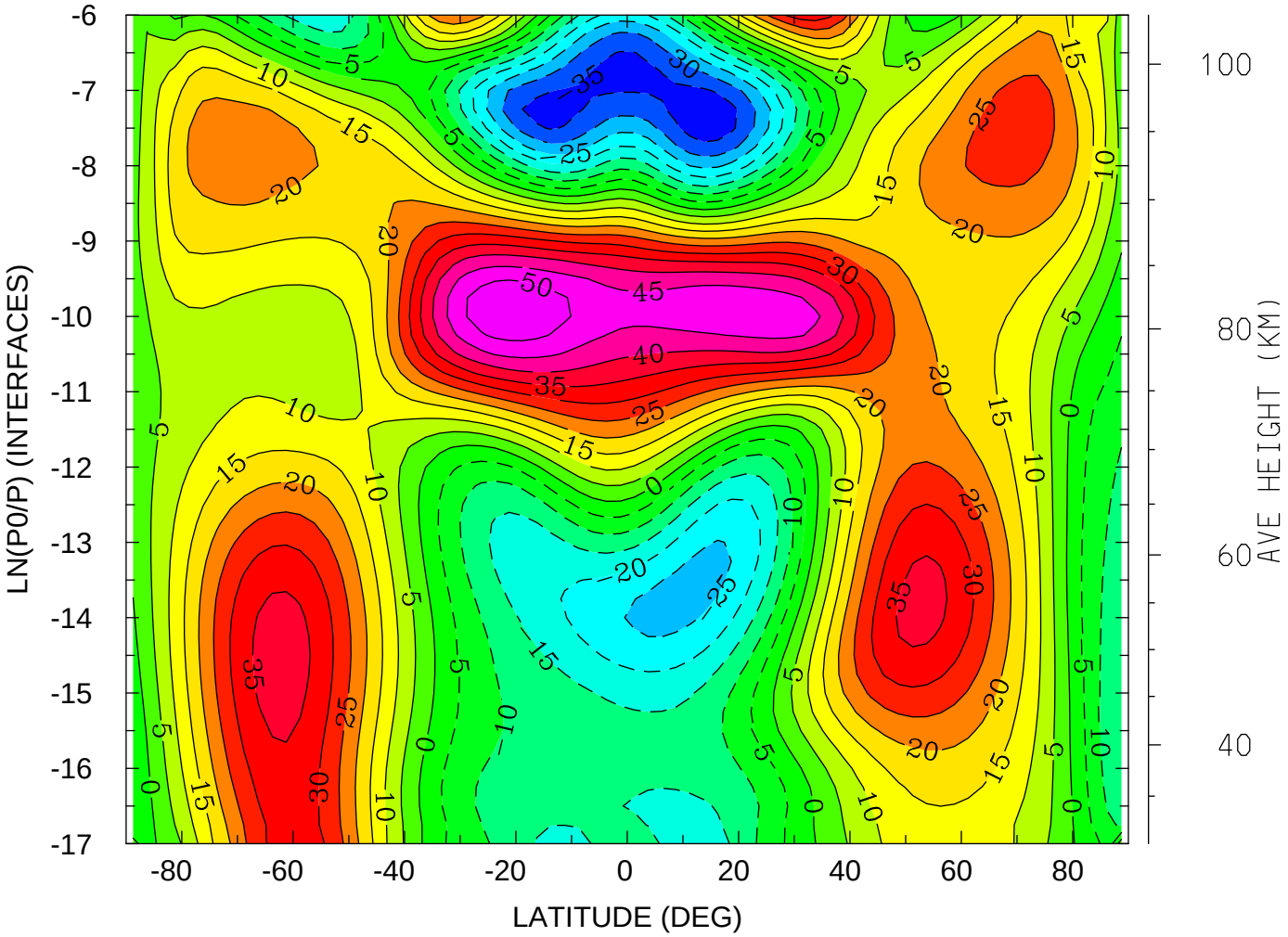
NEUTRAL ZONAL WIND (M/S)
Global Mean of Time-averaged Longitude Slice



MIN,MAX= -0.1487E+02, 0.3235E+02
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

NEUTRAL ZONAL WIND (M/S)

YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)

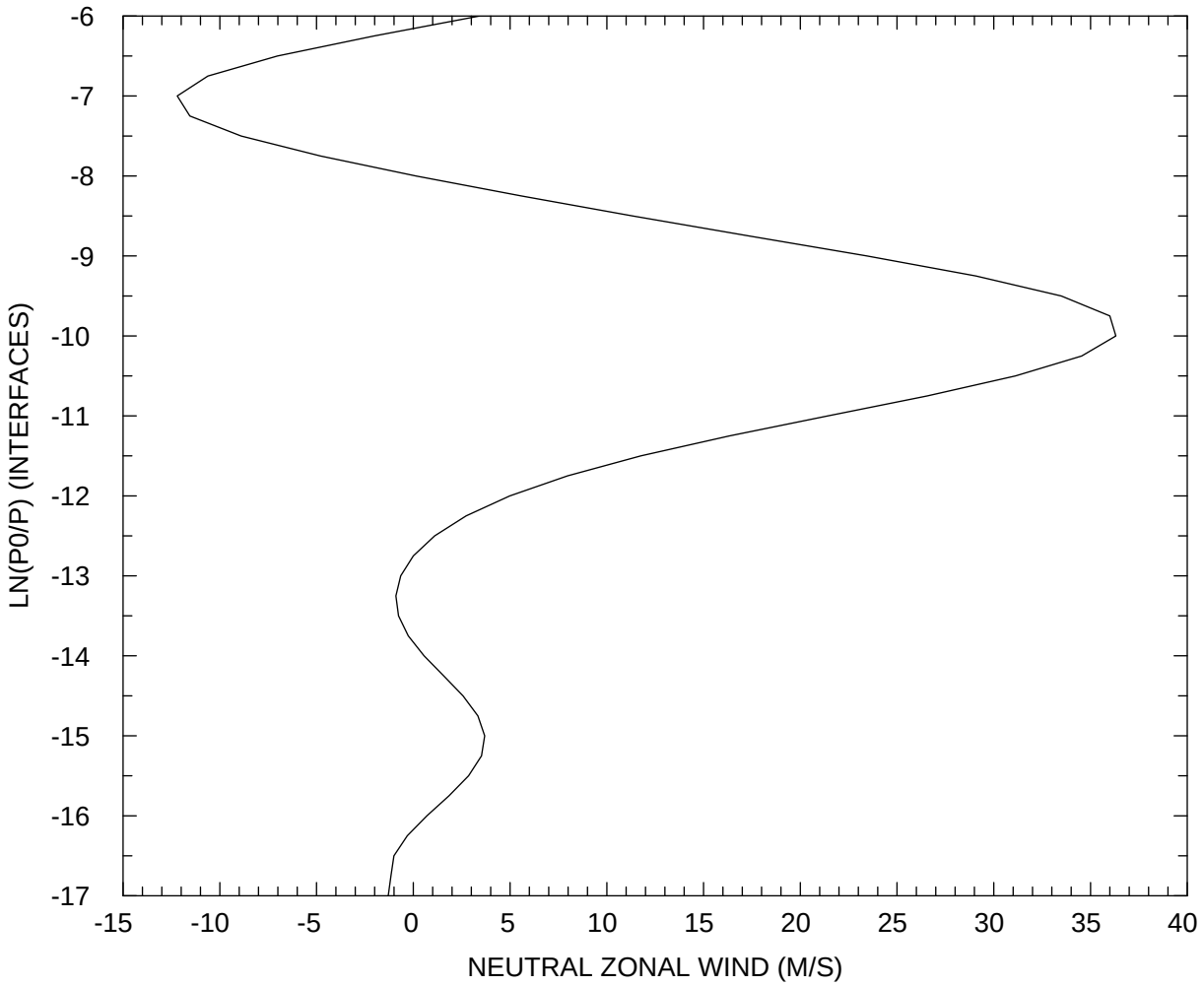


MIN,MAX= -3.8684E+01 5.4206E+01 INTERVAL= 5.0000E+00

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

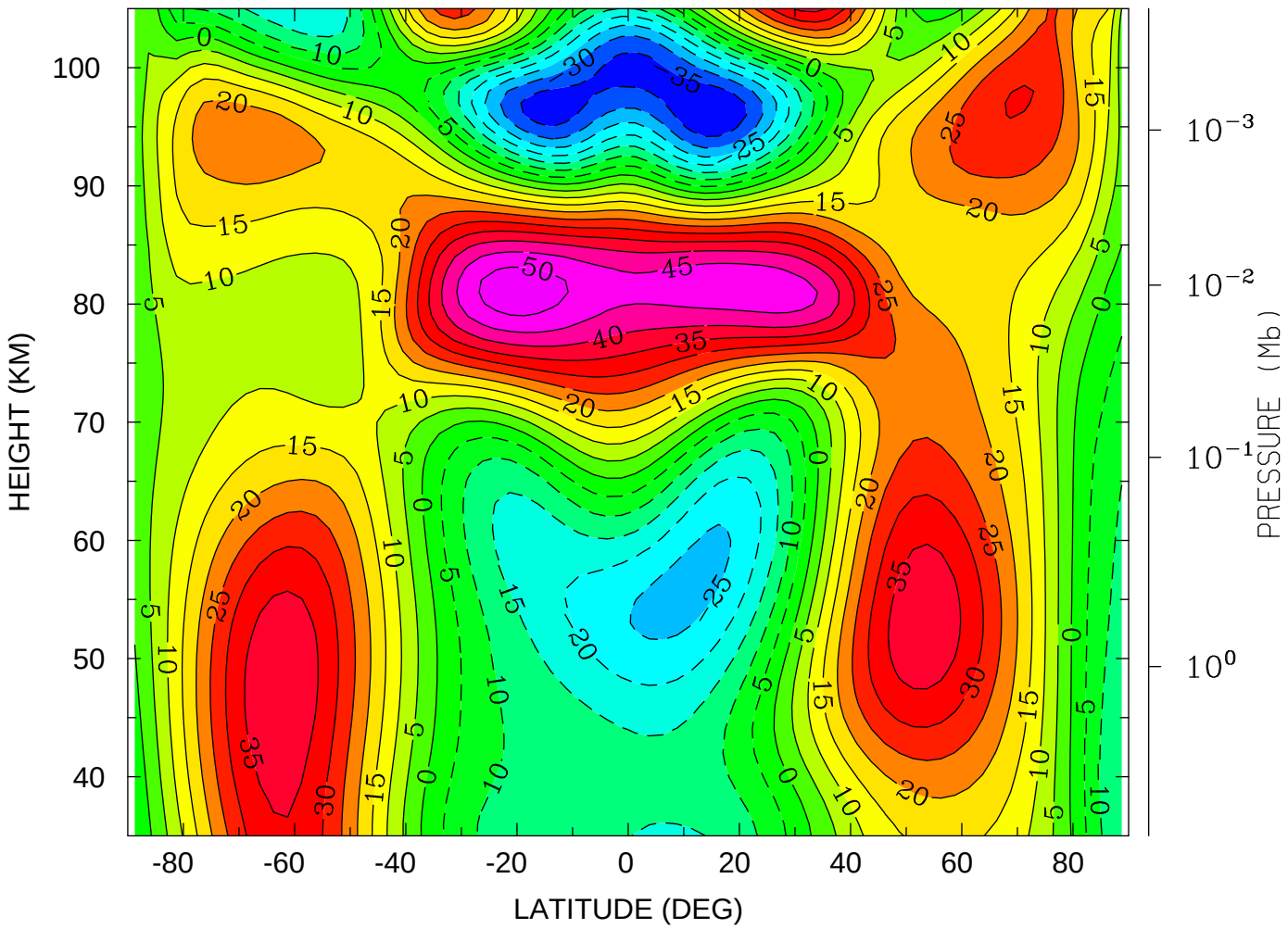
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

NEUTRAL ZONAL WIND (M/S)
Global Mean of Time-averaged Longitude Slice



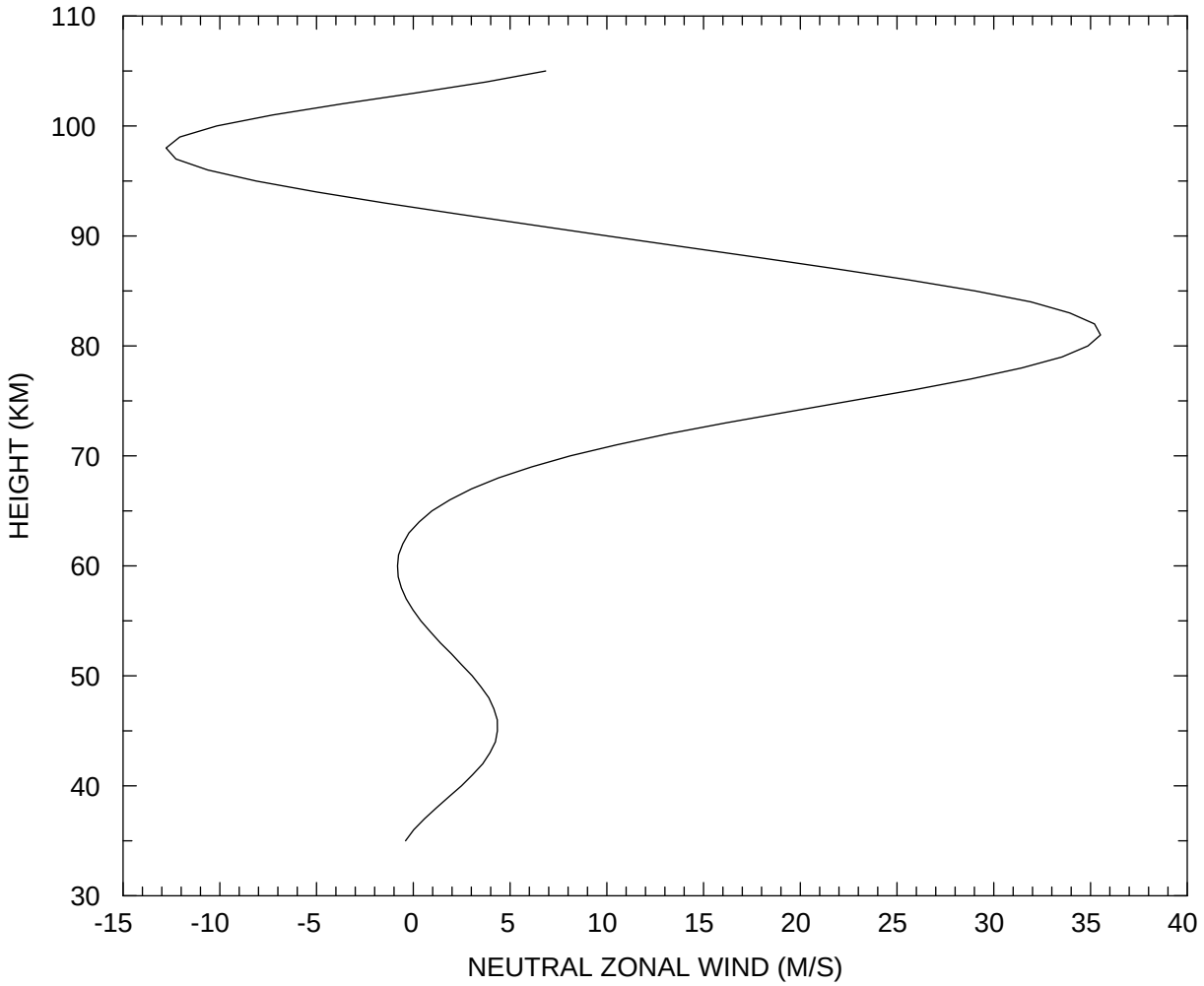
MIN,MAX= -0.1220E+02, 0.3631E+02
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

NEUTRAL ZONAL WIND (M/S)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)

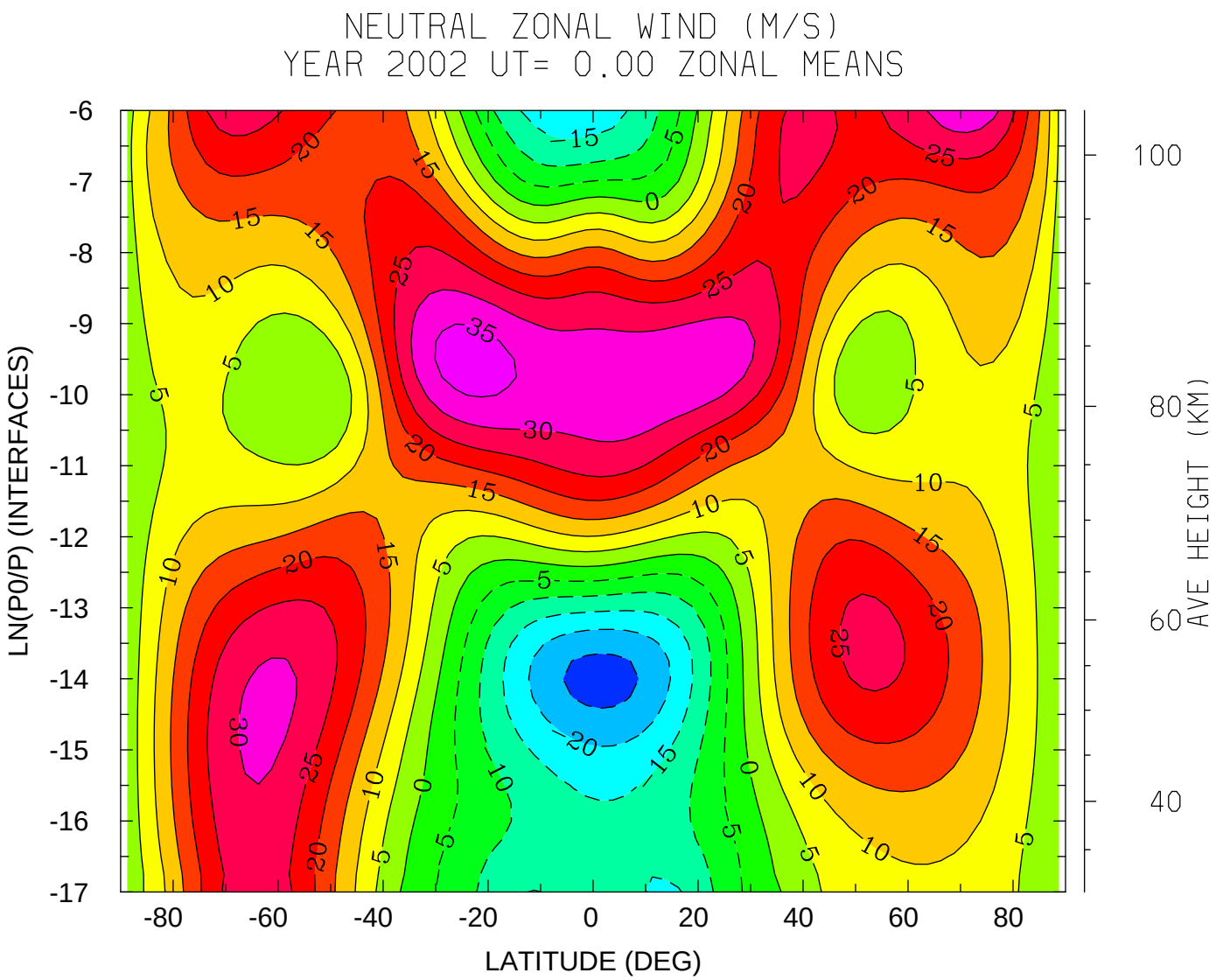


MIN,MAX= -3.9896E+01 5.3010E+01 INTERVAL= 5.0000E+00
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

NEUTRAL ZONAL WIND (M/S)
Global Mean of Time-averaged Longitude Slice



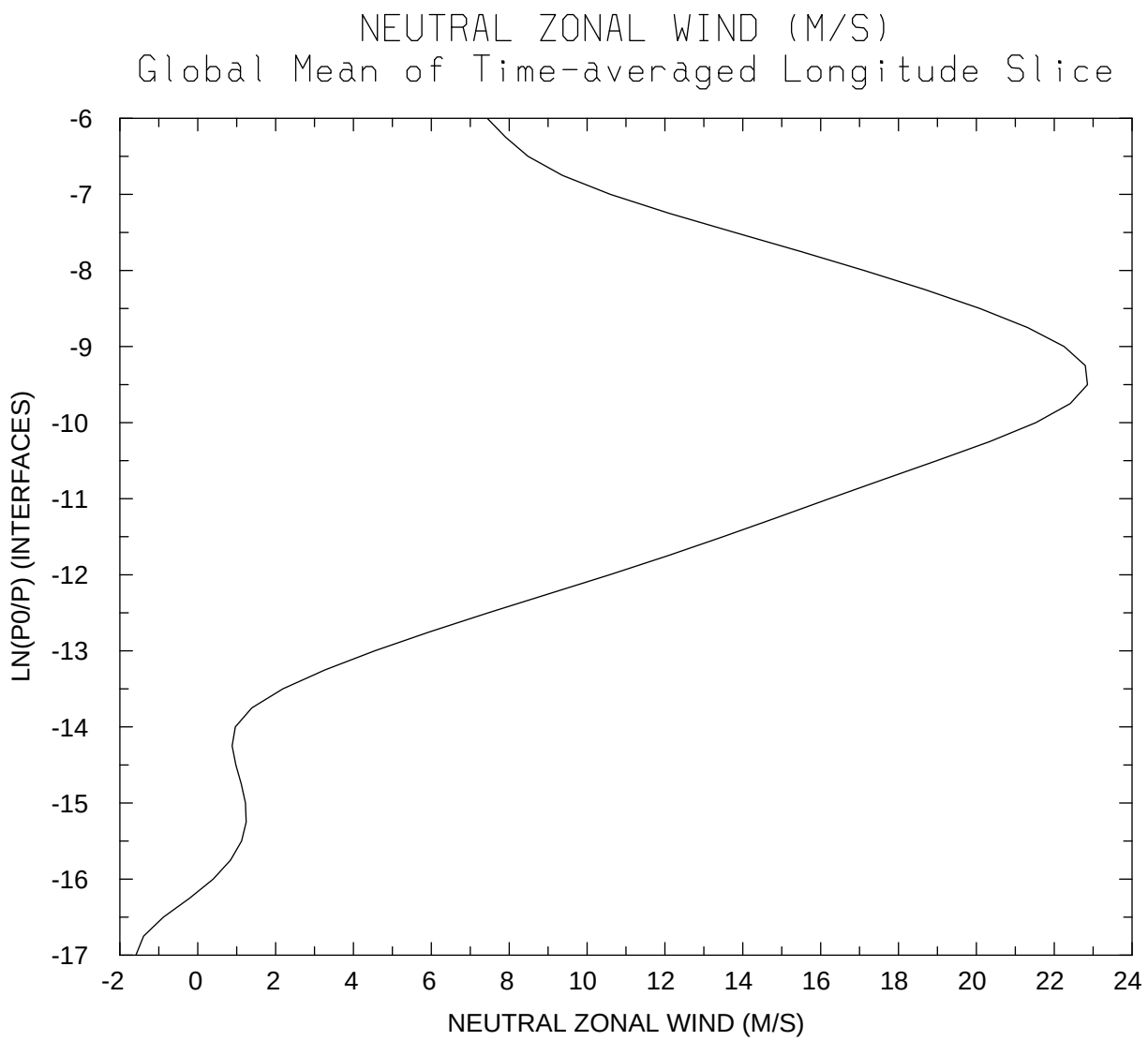
MIN,MAX= -0.1278E+02, 0.3552E+02
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)



MIN,MAX= -2.7163E+01 3.7480E+01 INTERVAL= 5.0000E+00

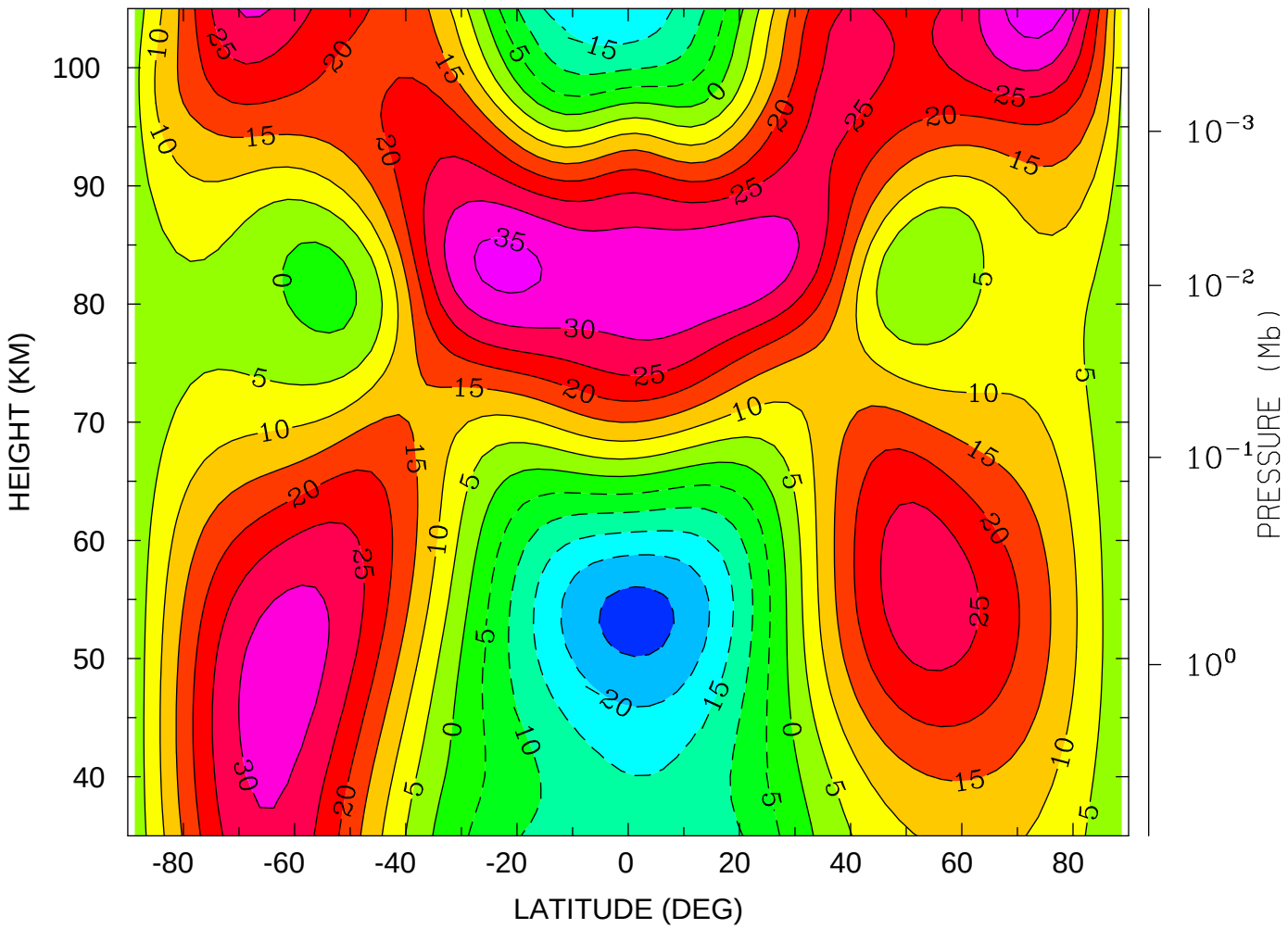
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



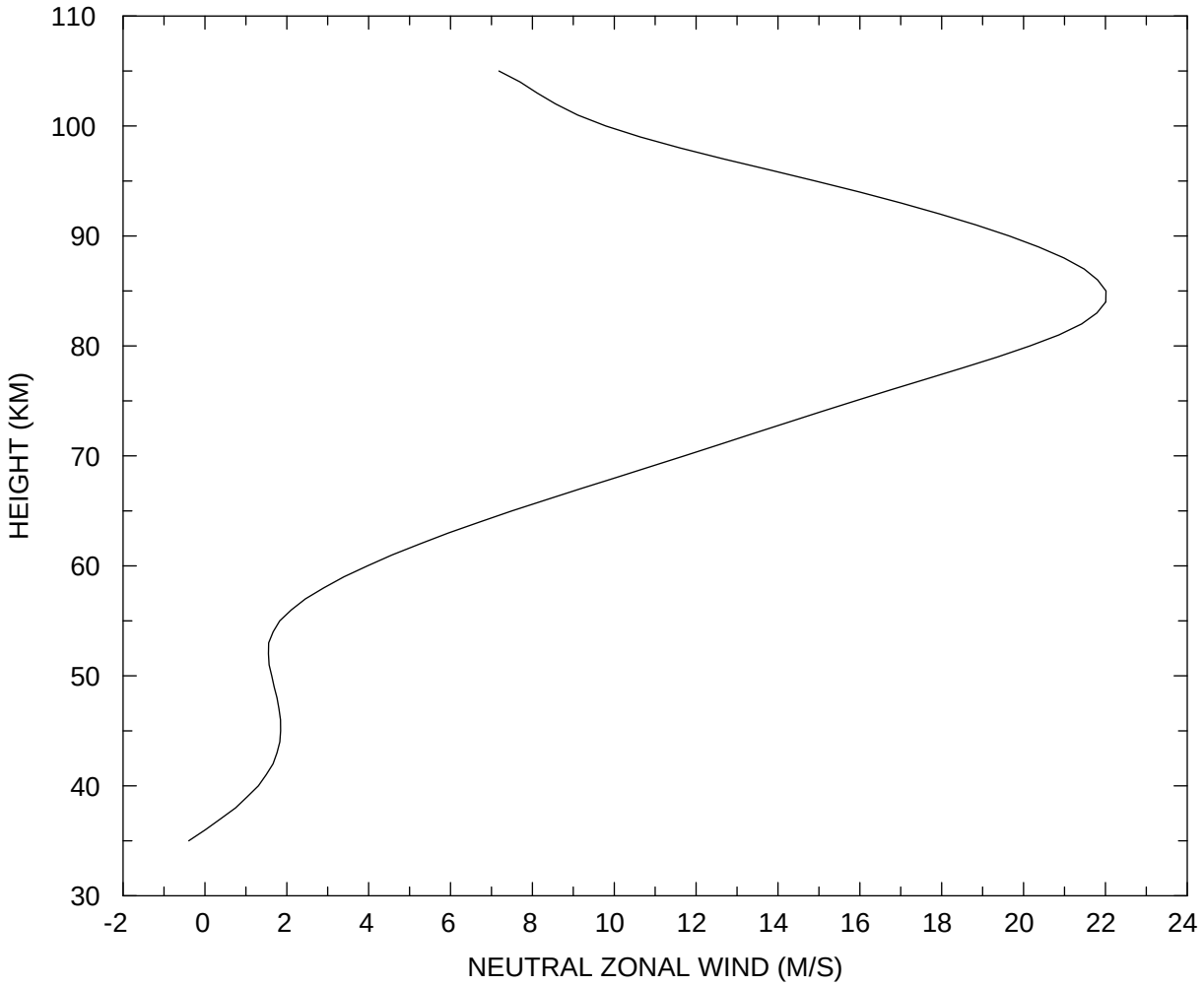
MIN,MAX= -0.1588E+01, 0.2285E+02
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

NEUTRAL ZONAL WIND (M/S)
YEAR 2002 UT= 0.00 ZONAL MEANS

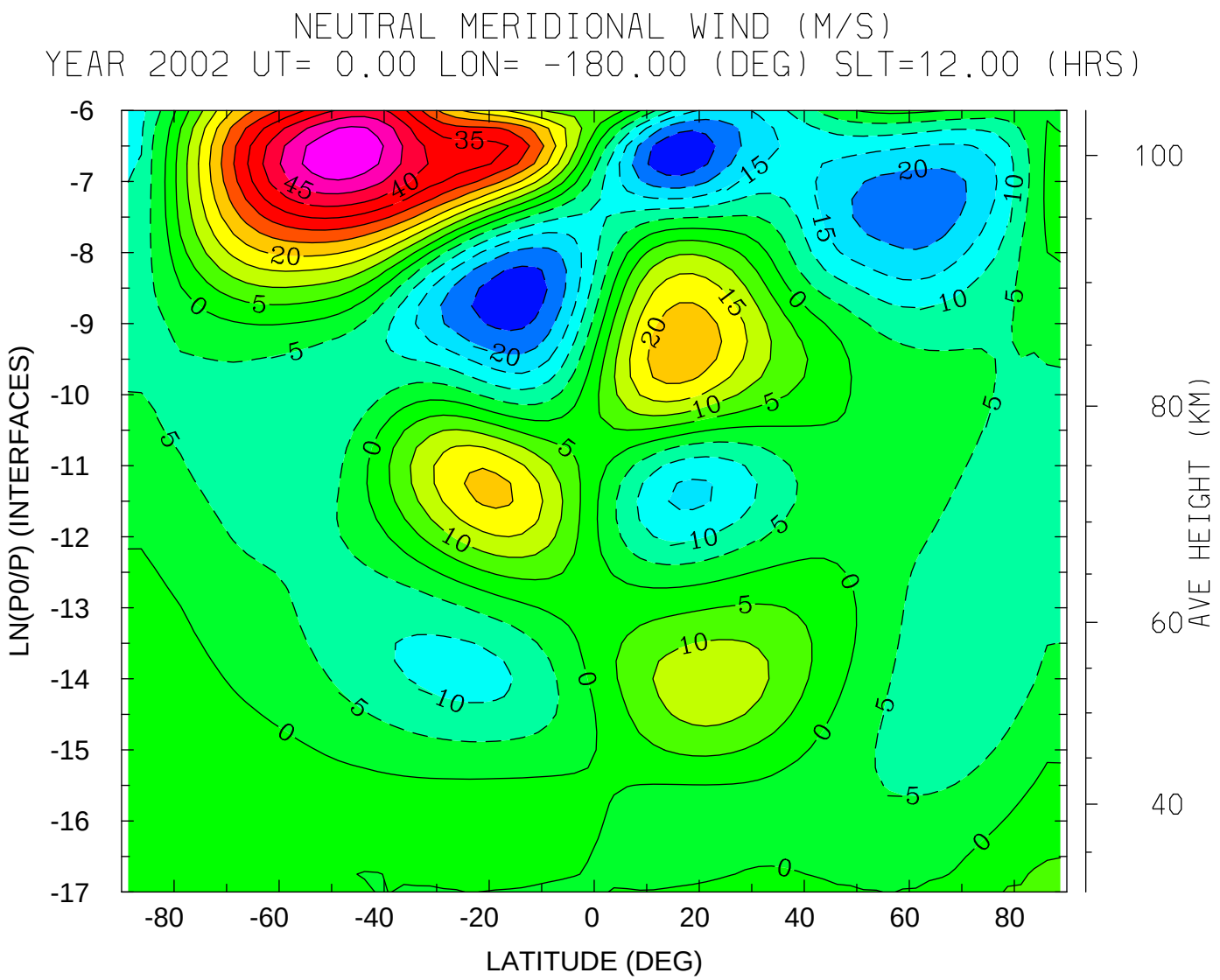


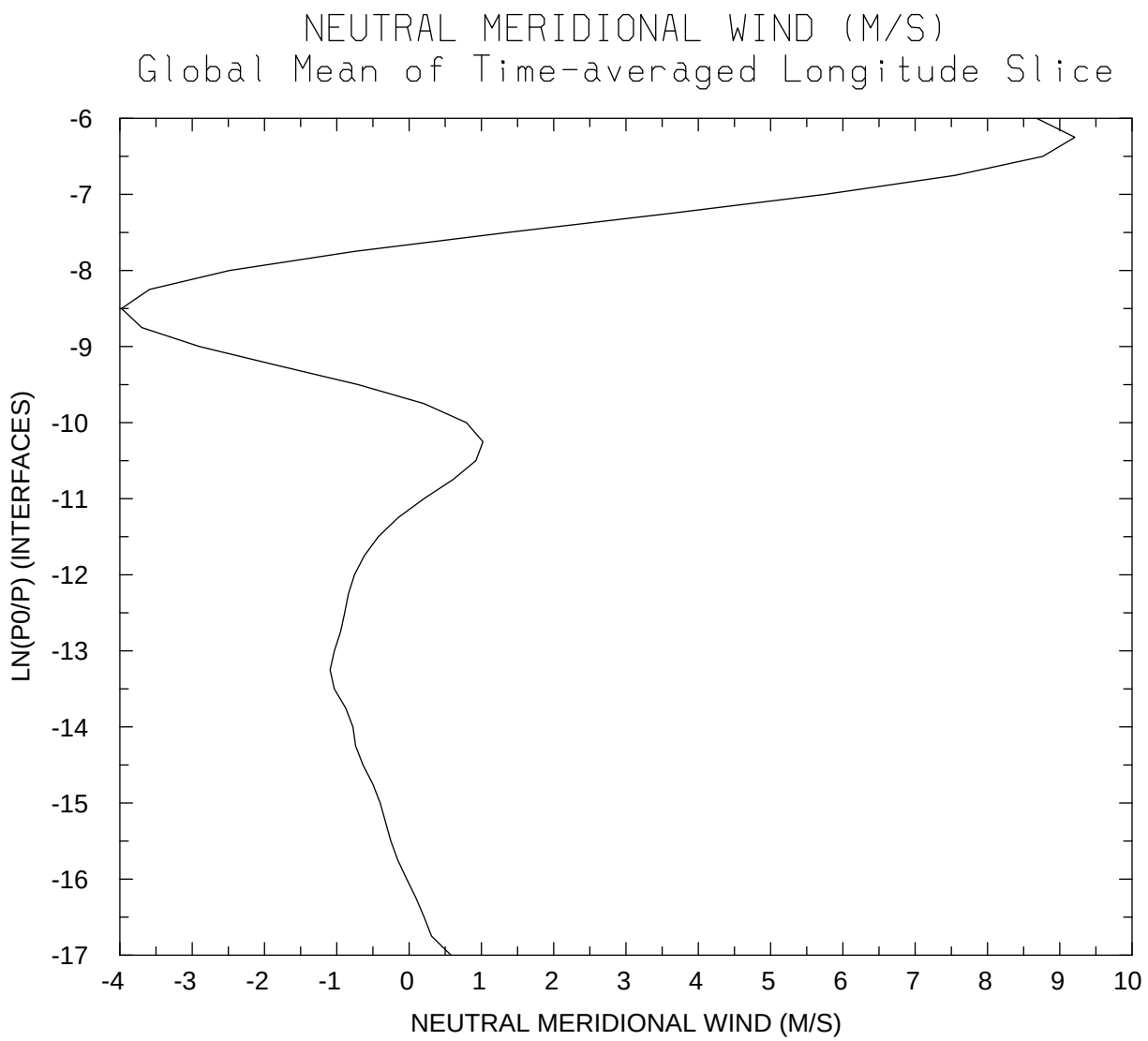
MIN,MAX= -2.6908E+01 3.9195E+01 INTERVAL= 5.0000E+00
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

NEUTRAL ZONAL WIND (M/S)
Global Mean of Time-averaged Longitude Slice

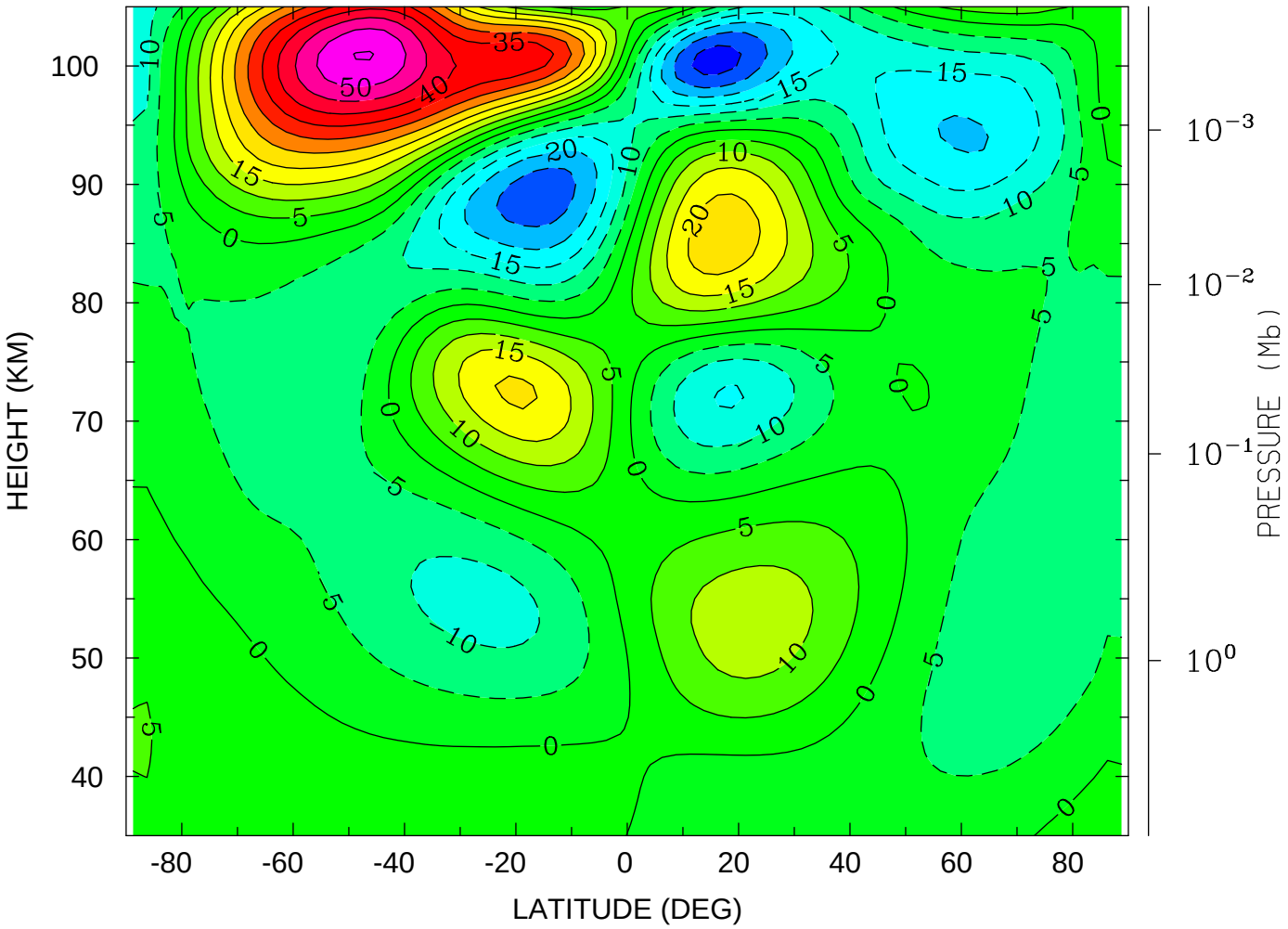


MIN,MAX= -0.3948E+00, 0.2201E+02
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS


NEUTRAL MERIDIONAL WIND (M/S)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)
LN(P0/P) (INTERFACES)
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
AVE HEIGHT (KM)
100
80
60
40
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
MIN,MAX= -2.9271E+01 5.4687E+01 INTERVAL= 5.0000E+00
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

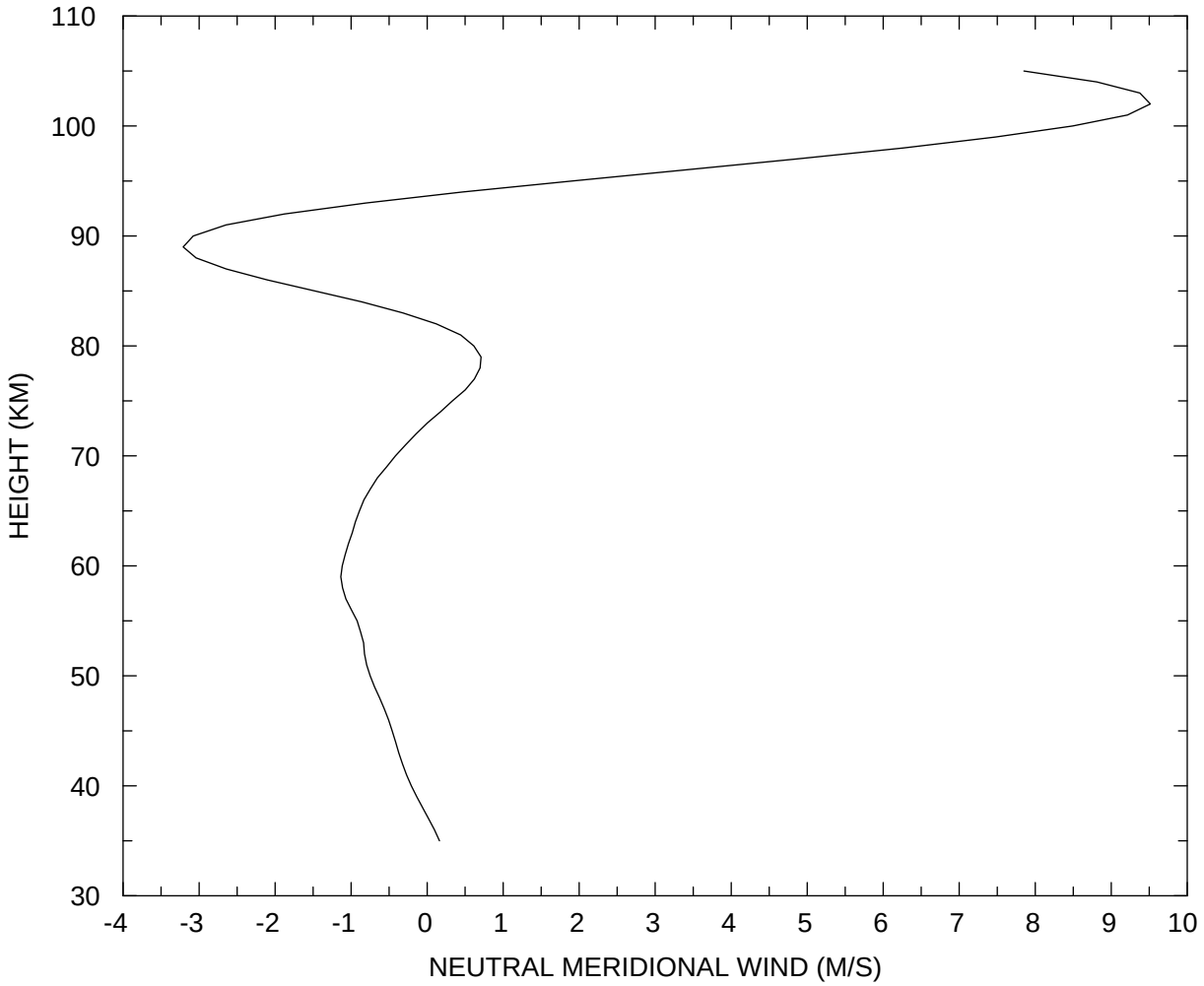

NEUTRAL MERIDIONAL WIND (M/S)
Global Mean of Time-averaged Longitude Slice
LN(P0/P) (INTERFACES)
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
-4
-3
-2
-1
0
1
2
3
4
5
6
7
8
9
10
NEUTRAL MERIDIONAL WIND (M/S)
MIN,MAX= -0.3977E+01, 0.9208E+01
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

NEUTRAL MERIDIONAL WIND (M/S)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)

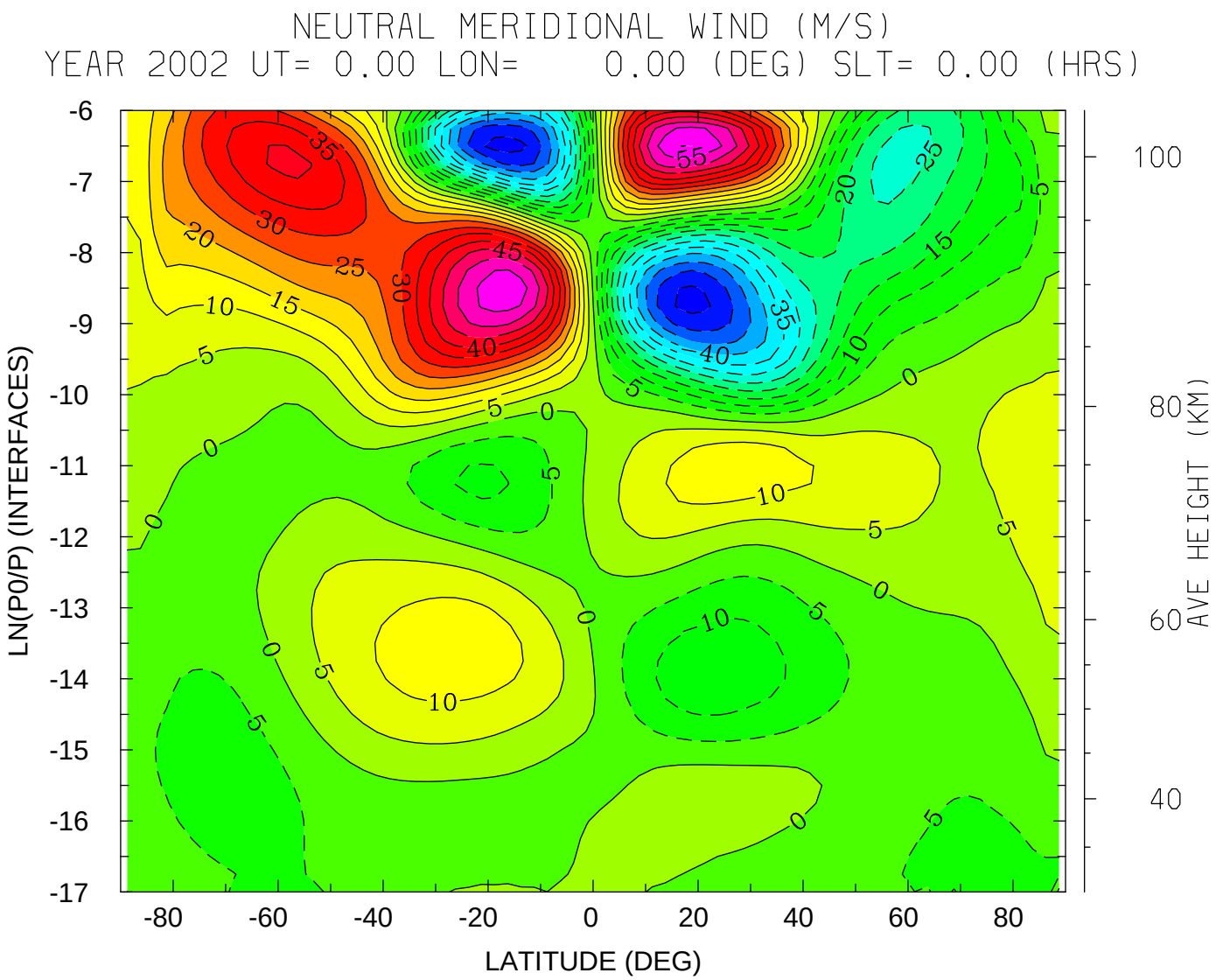


MIN,MAX= -3.2129E+01 5.5304E+01 INTERVAL= 5.0000E+00
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

NEUTRAL MERIDIONAL WIND (M/S)
Global Mean of Time-averaged Longitude Slice



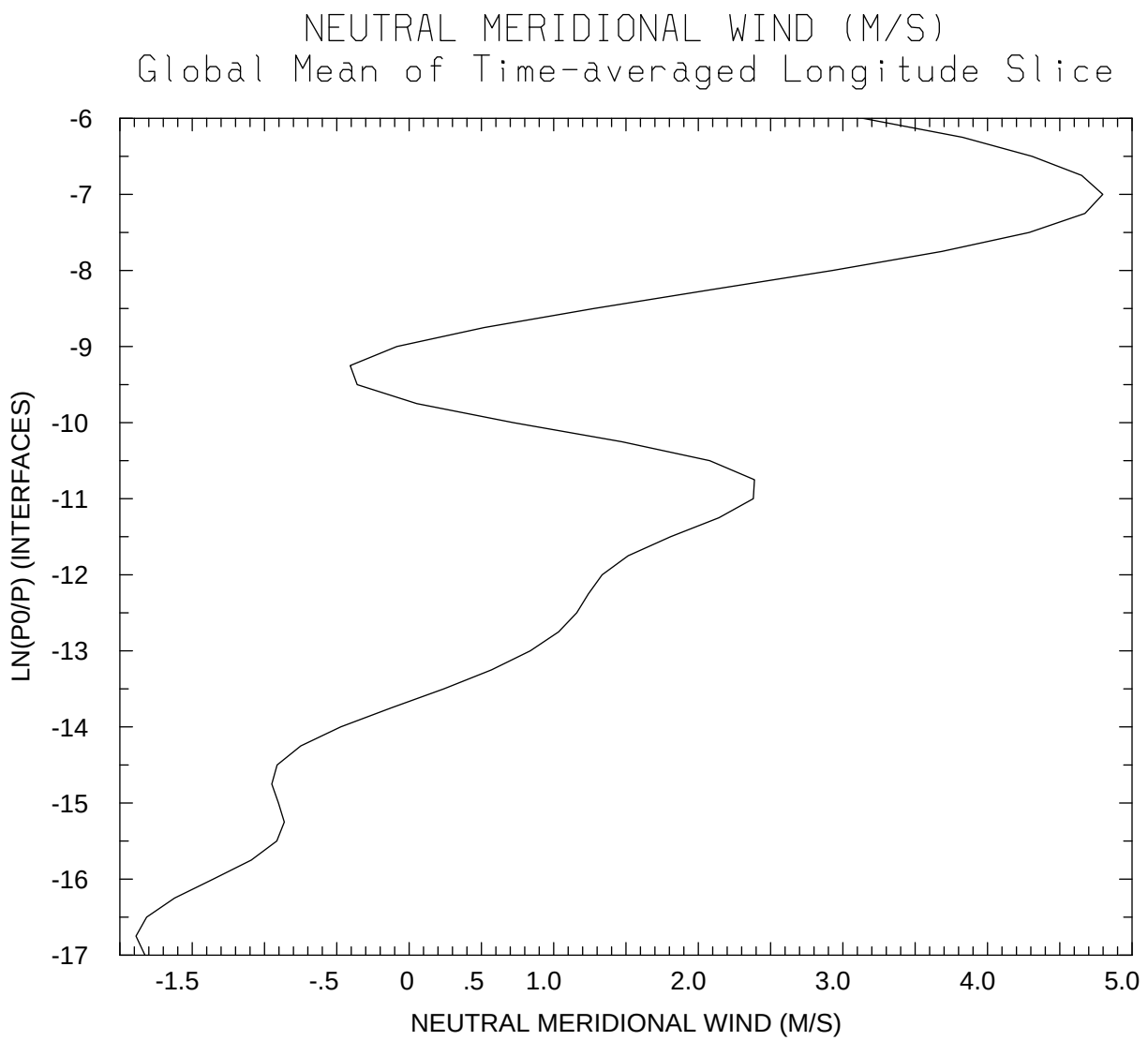
MIN,MAX= -0.3210E+01, 0.9514E+01
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)



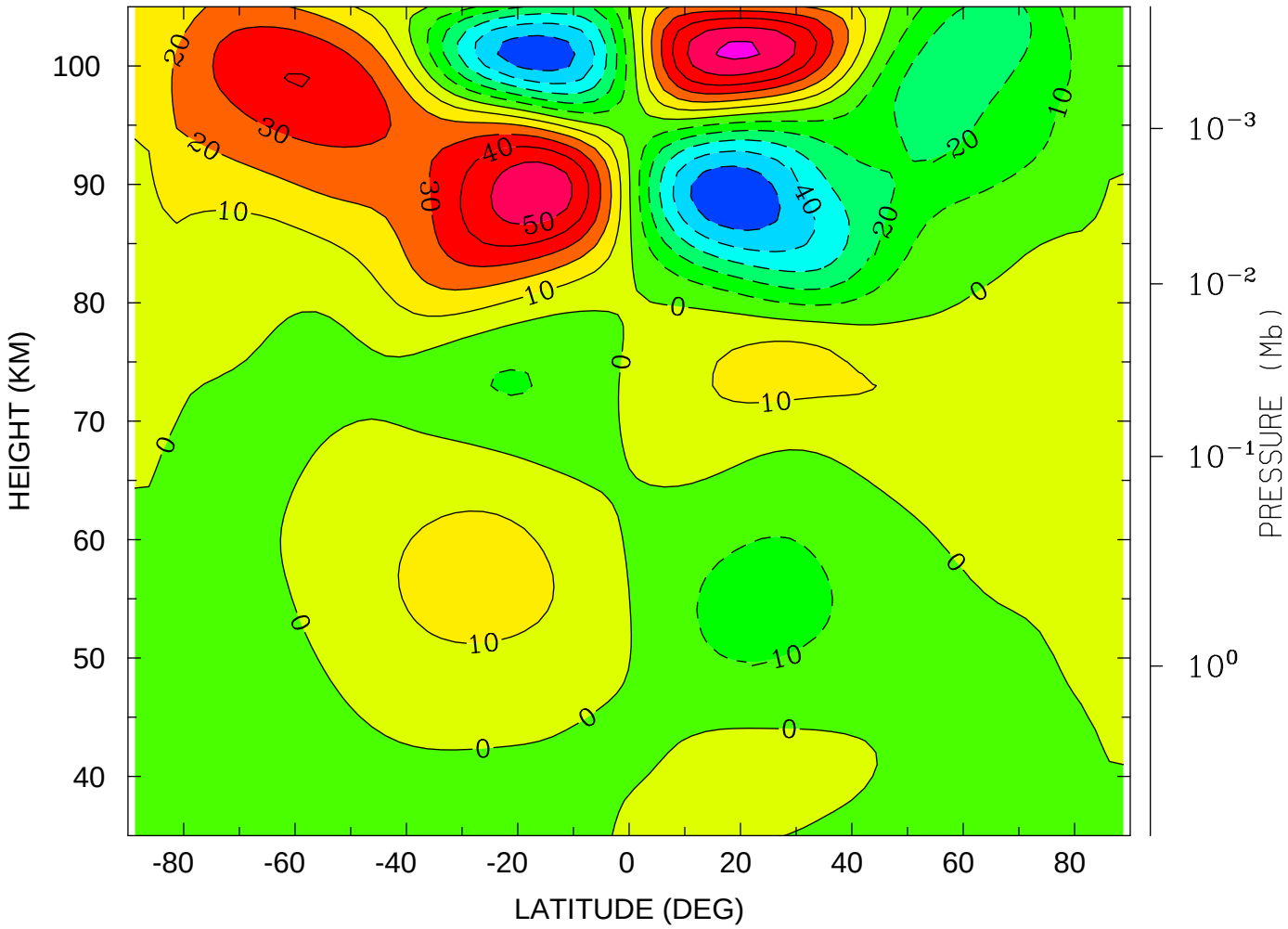
MIN,MAX= -5.7420E+01 6.0159E+01 INTERVAL= 5.0000E+00

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

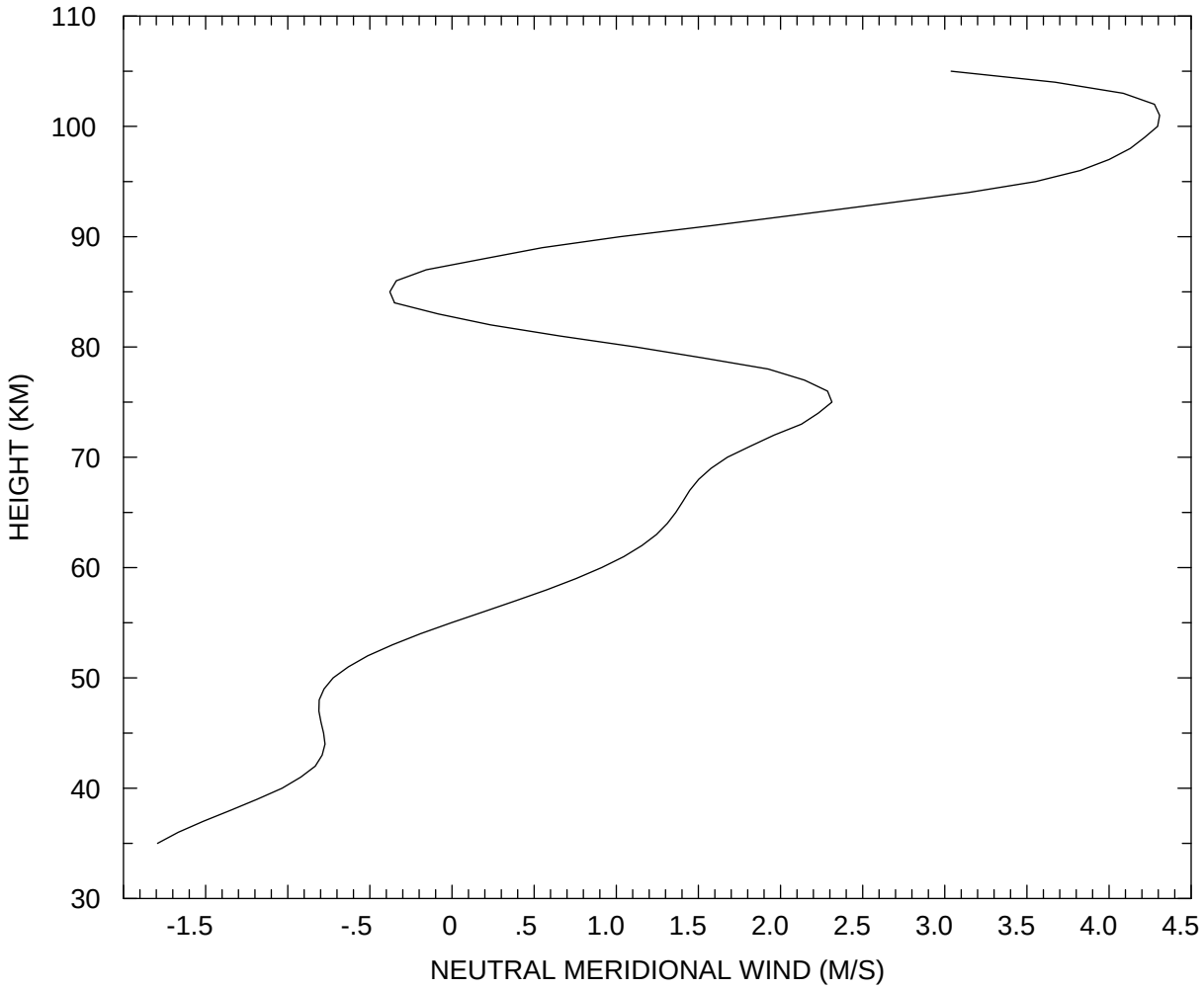

NEUTRAL MERIDIONAL WIND (M/S)
Global Mean of Time-averaged Longitude Slice
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
LN(P0/P) (INTERFACES)
-1.5
-.5
0
.5
1.0
2.0
3.0
4.0
5.0
NEUTRAL MERIDIONAL WIND (M/S)
MIN,MAX= -0.1888E+01, 0.4797E+01
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

NEUTRAL MERIDIONAL WIND (M/S)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)

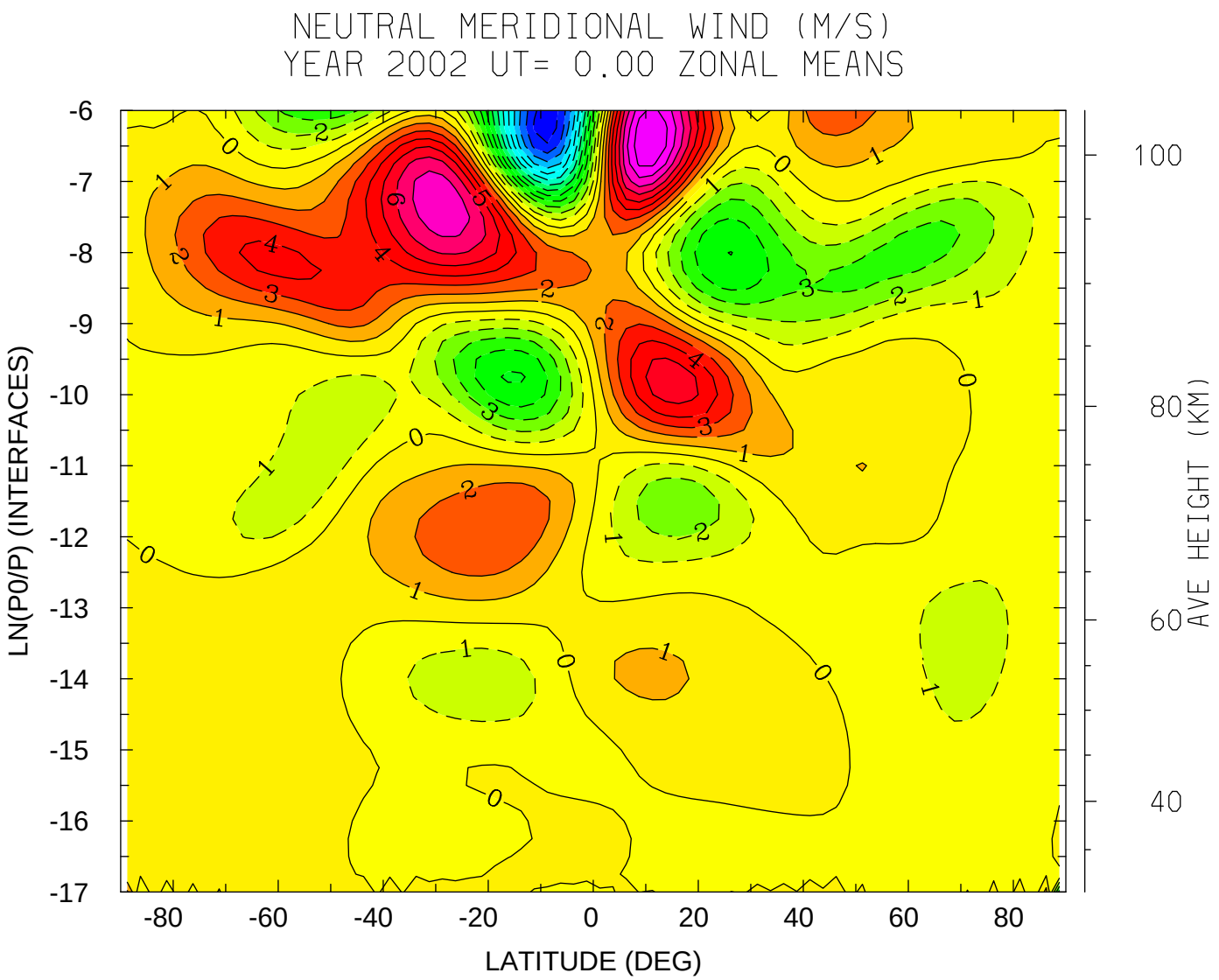


MIN,MAX= -5.8188E+01 6.1843E+01 INTERVAL= 1.0000E+01
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

NEUTRAL MERIDIONAL WIND (M/S)
Global Mean of Time-averaged Longitude Slice



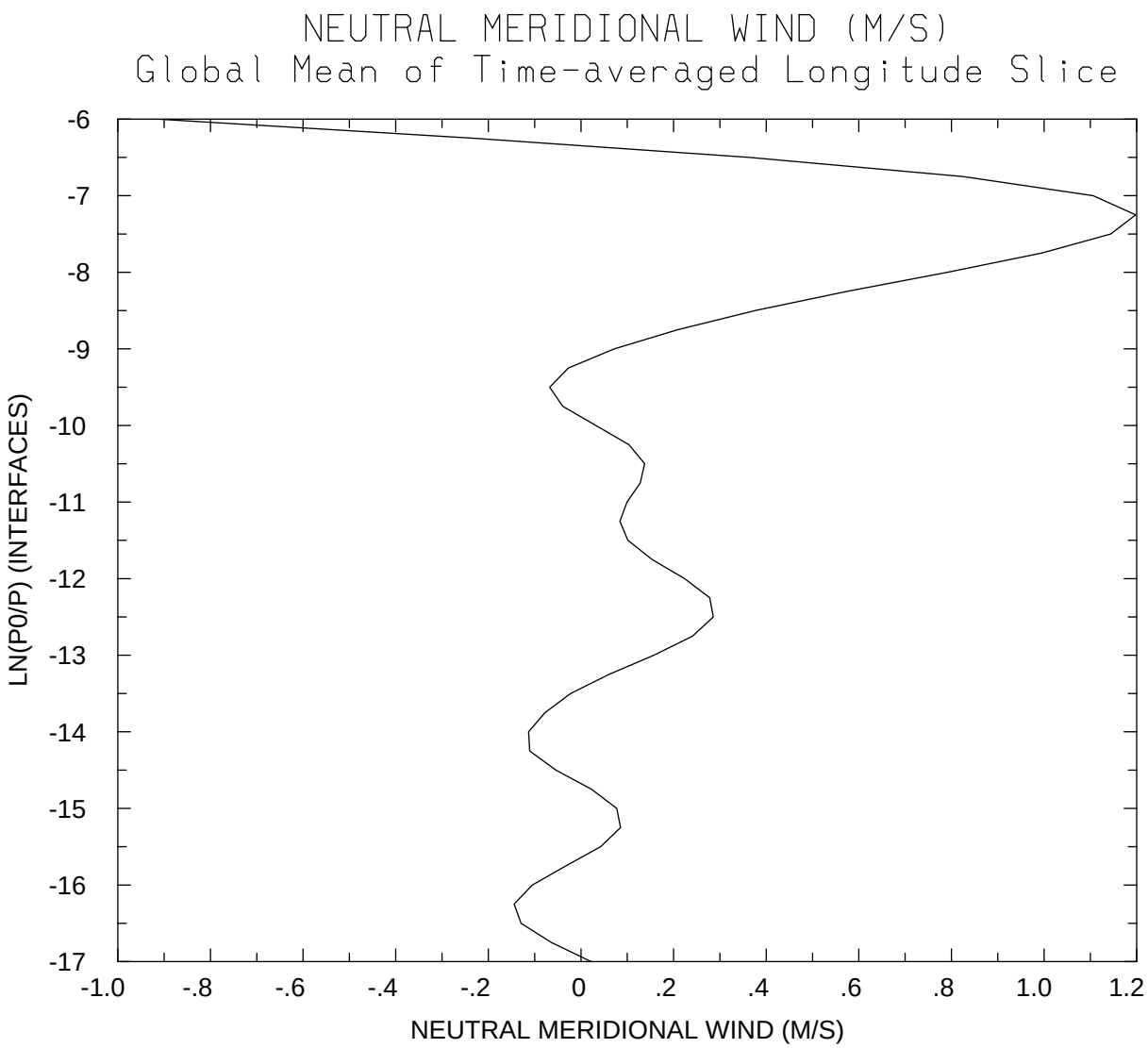
MIN,MAX= -0.1793E+01, 0.4308E+01
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

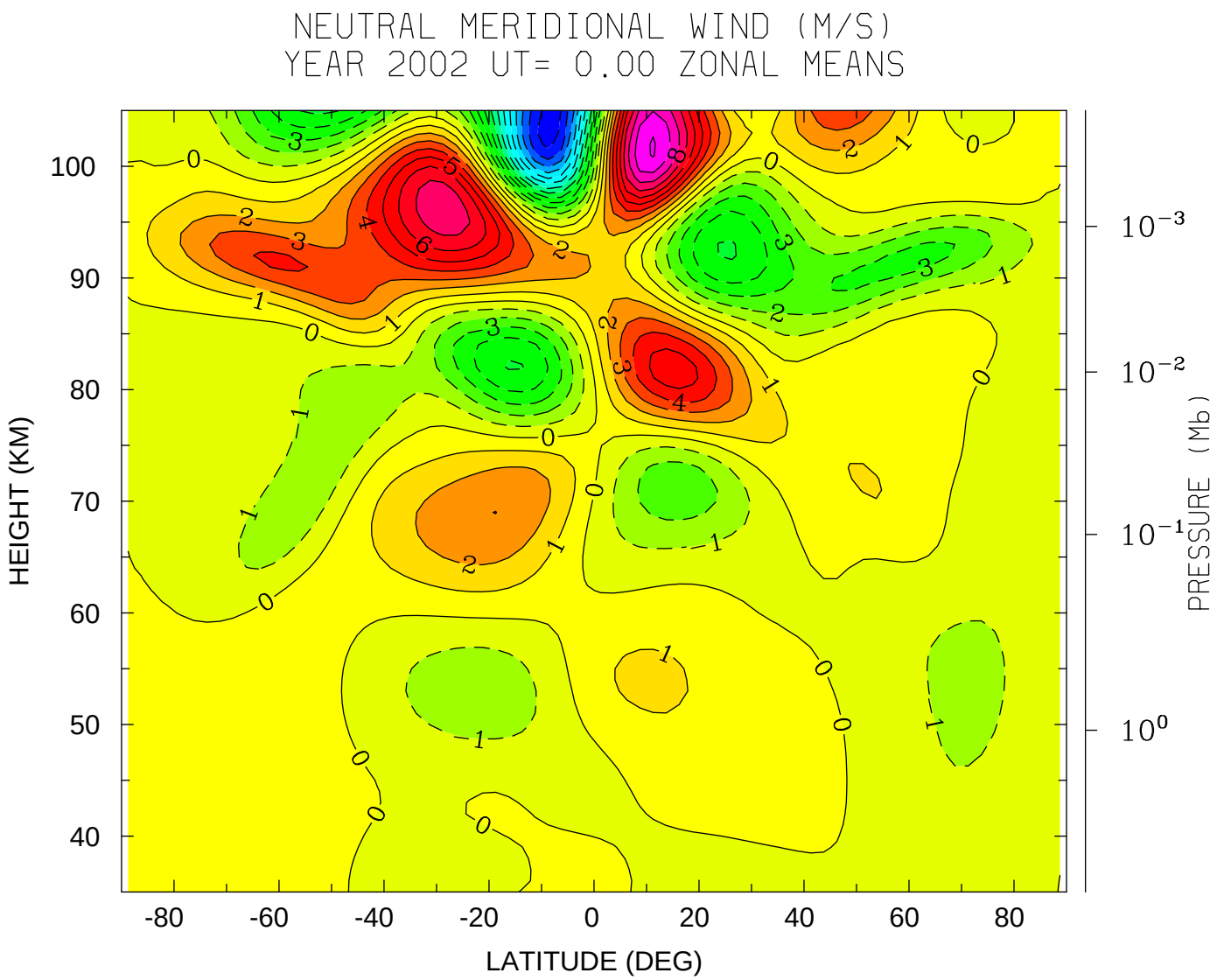


MIN,MAX= -1.3719E+01 1.0012E+01 INTERVAL= 1.0000E+00

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc


NEUTRAL MERIDIONAL WIND (M/S)
Global Mean of Time-averaged Longitude Slice
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
LN(P0/P) (INTERFACES)
-1.0
-.8
-.6
-.4
-.2
0
.2
.4
.6
.8
1.0
1.2
NEUTRAL MERIDIONAL WIND (M/S)
MIN,MAX= -0.9141E+00, 0.1198E+01
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

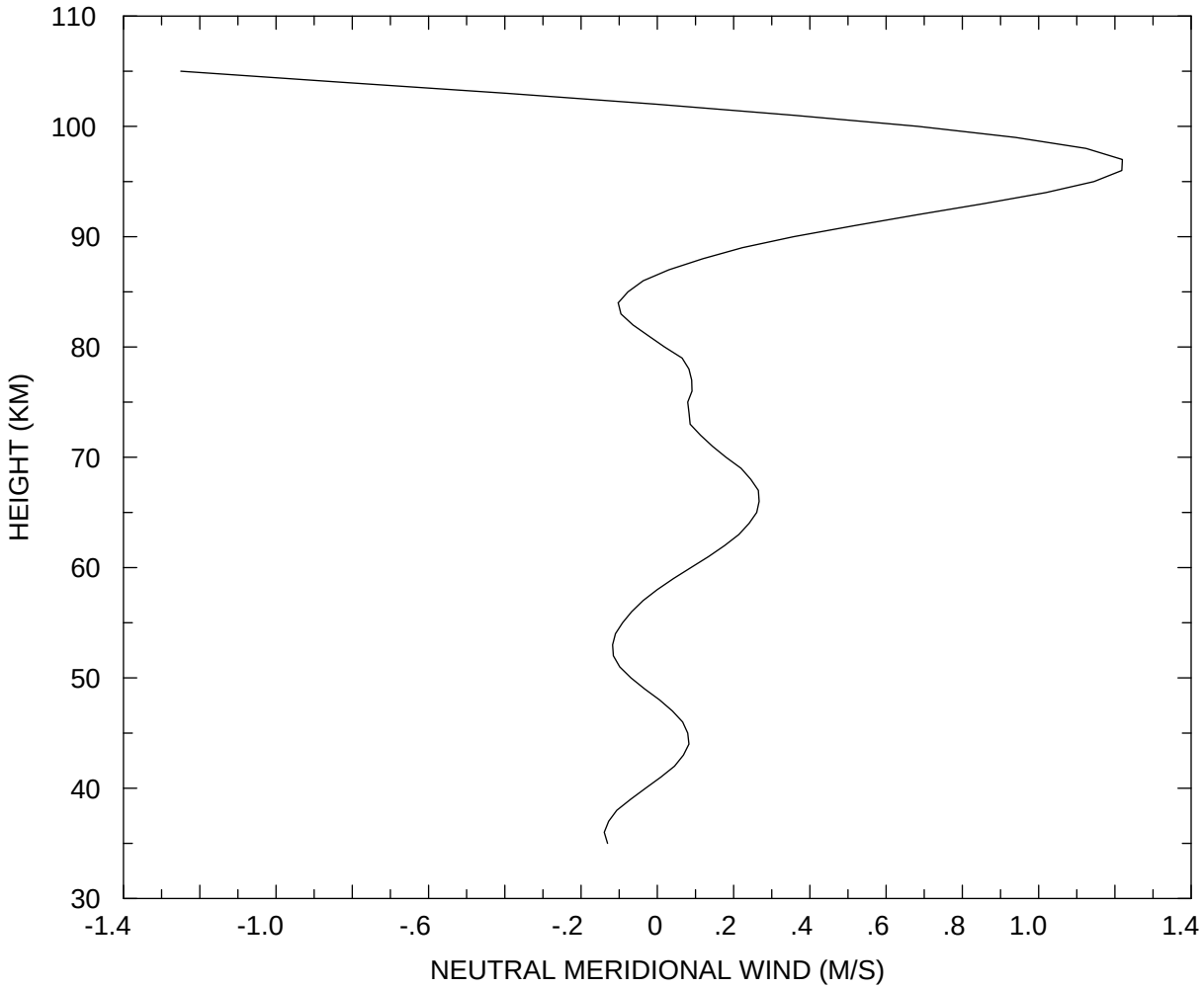


MIN,MAX= -1.3629E+01 1.0115E+01 INTERVAL= 1.0000E+00

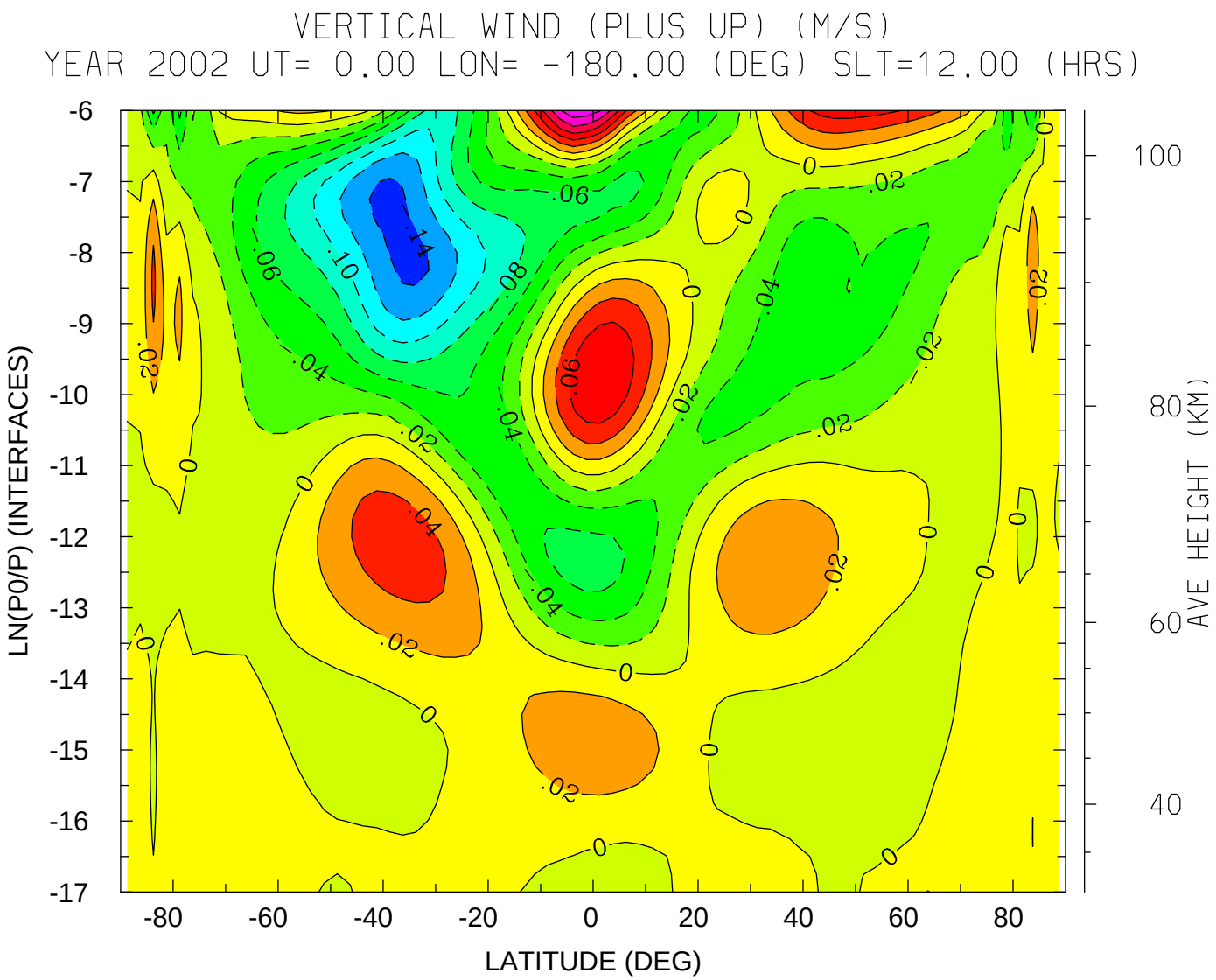
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

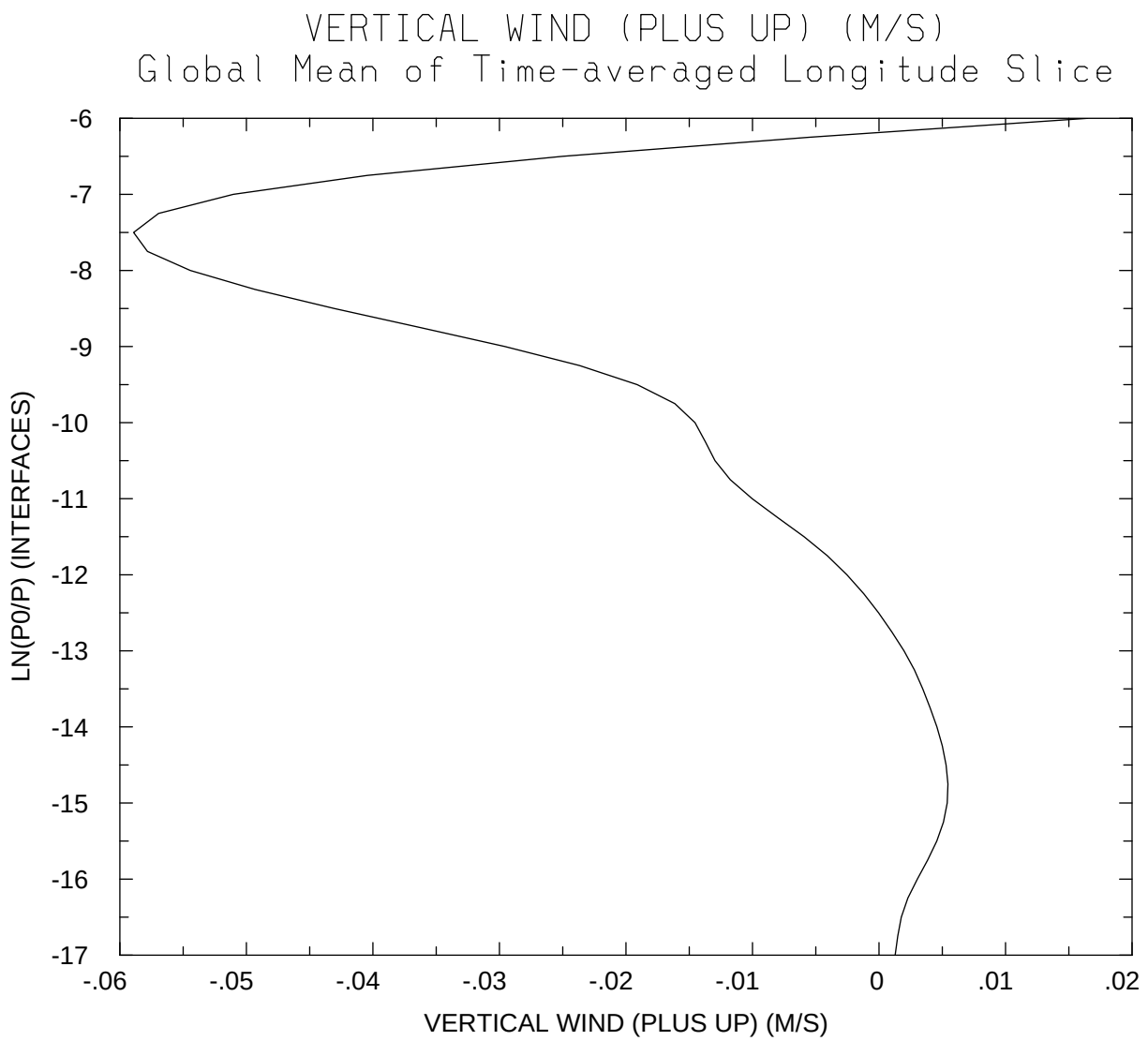
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

NEUTRAL MERIDIONAL WIND (M/S)
Global Mean of Time-averaged Longitude Slice



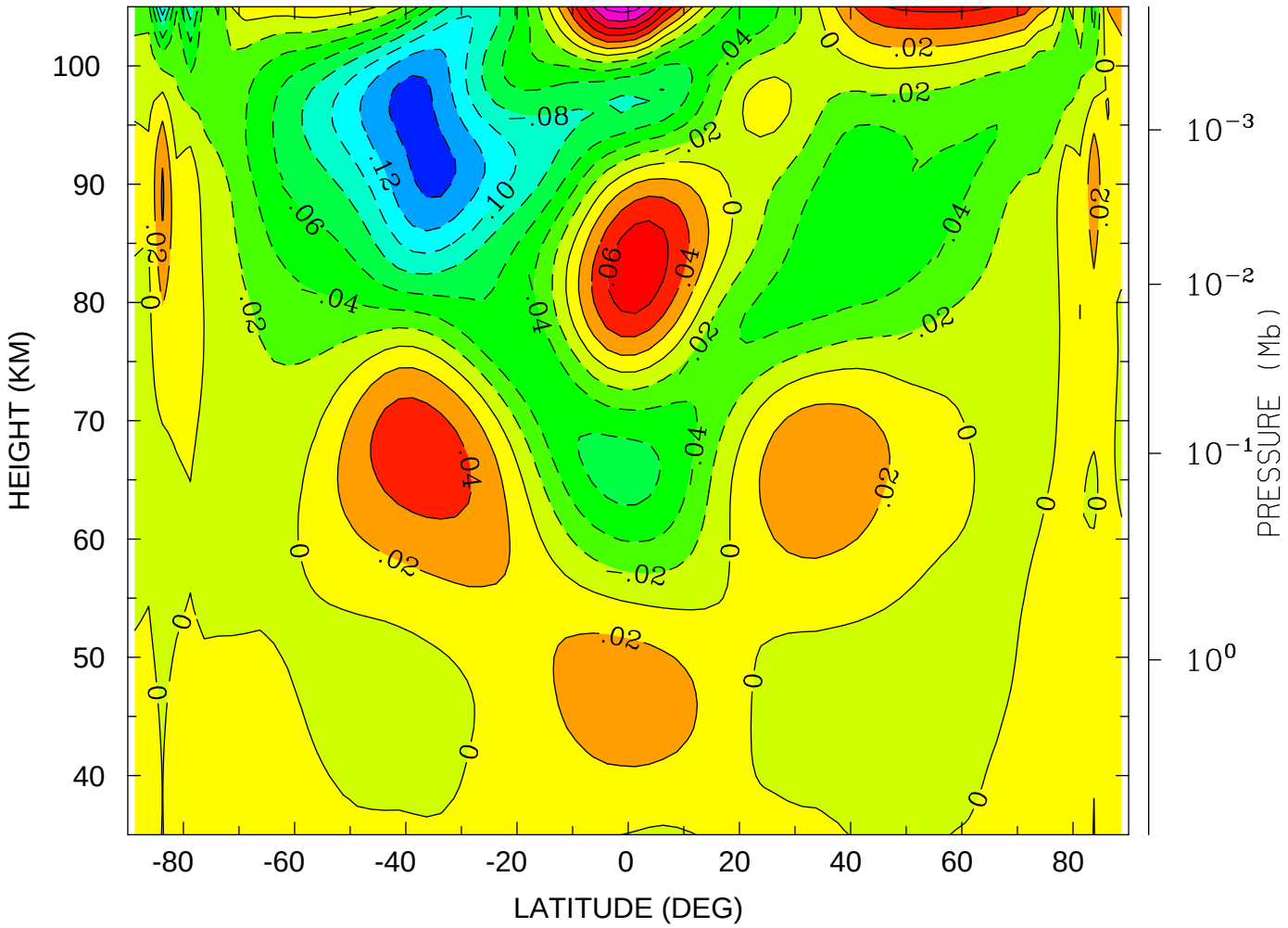
MIN,MAX= -0.1250E+01, 0.1219E+01
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS


VERTICAL WIND (PLUS UP) (M/S)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)
LN(P0/P) (INTERFACES)
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
AVE HEIGHT (KM)
100
80
60
40
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
MIN,MAX= -1.4599E-01 1.3582E-01 INTERVAL= 2.0000E-02
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



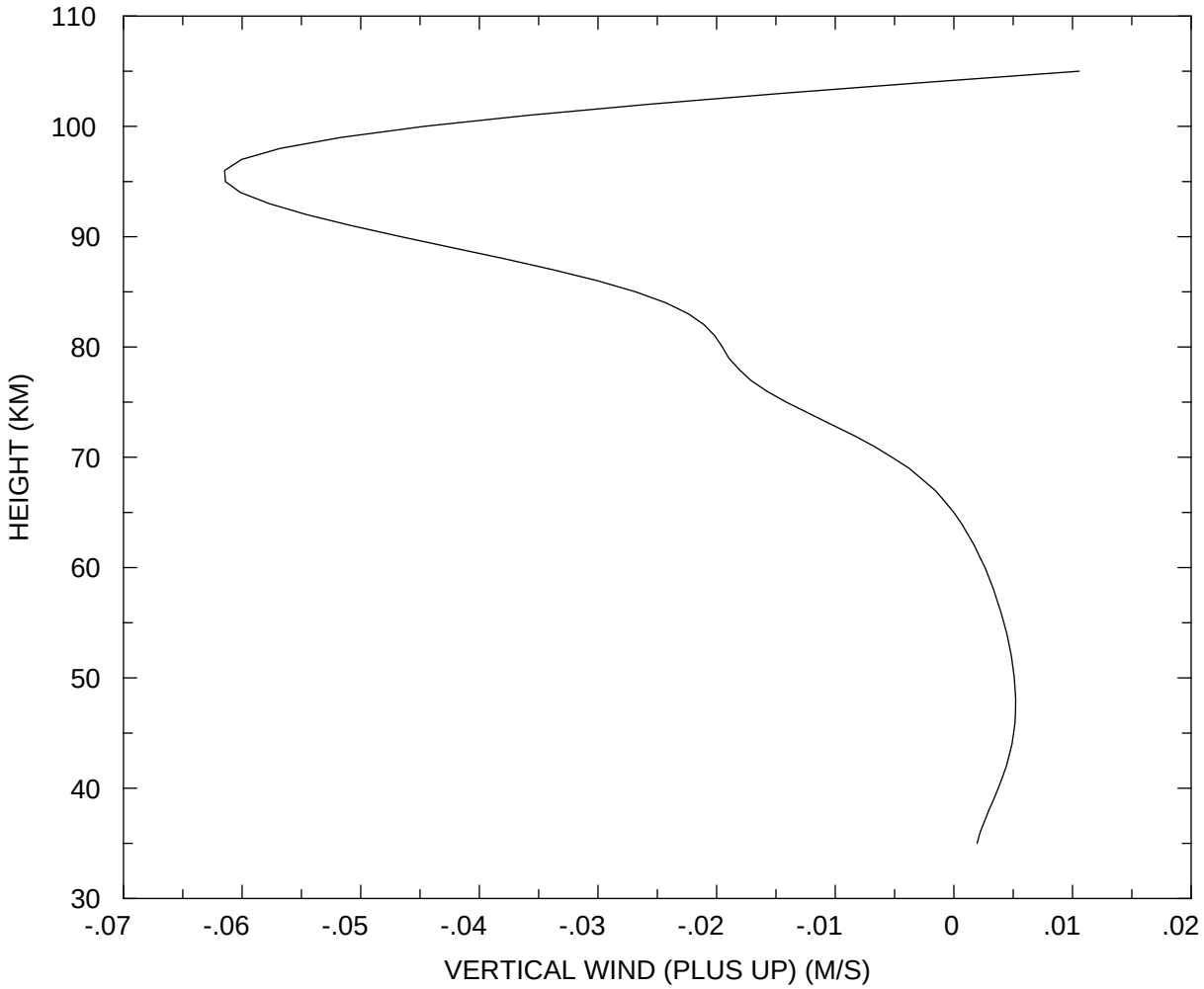
MIN,MAX= -0.5891E-01, 0.1649E-01
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

VERTICAL WIND (PLUS UP) (M/S)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)

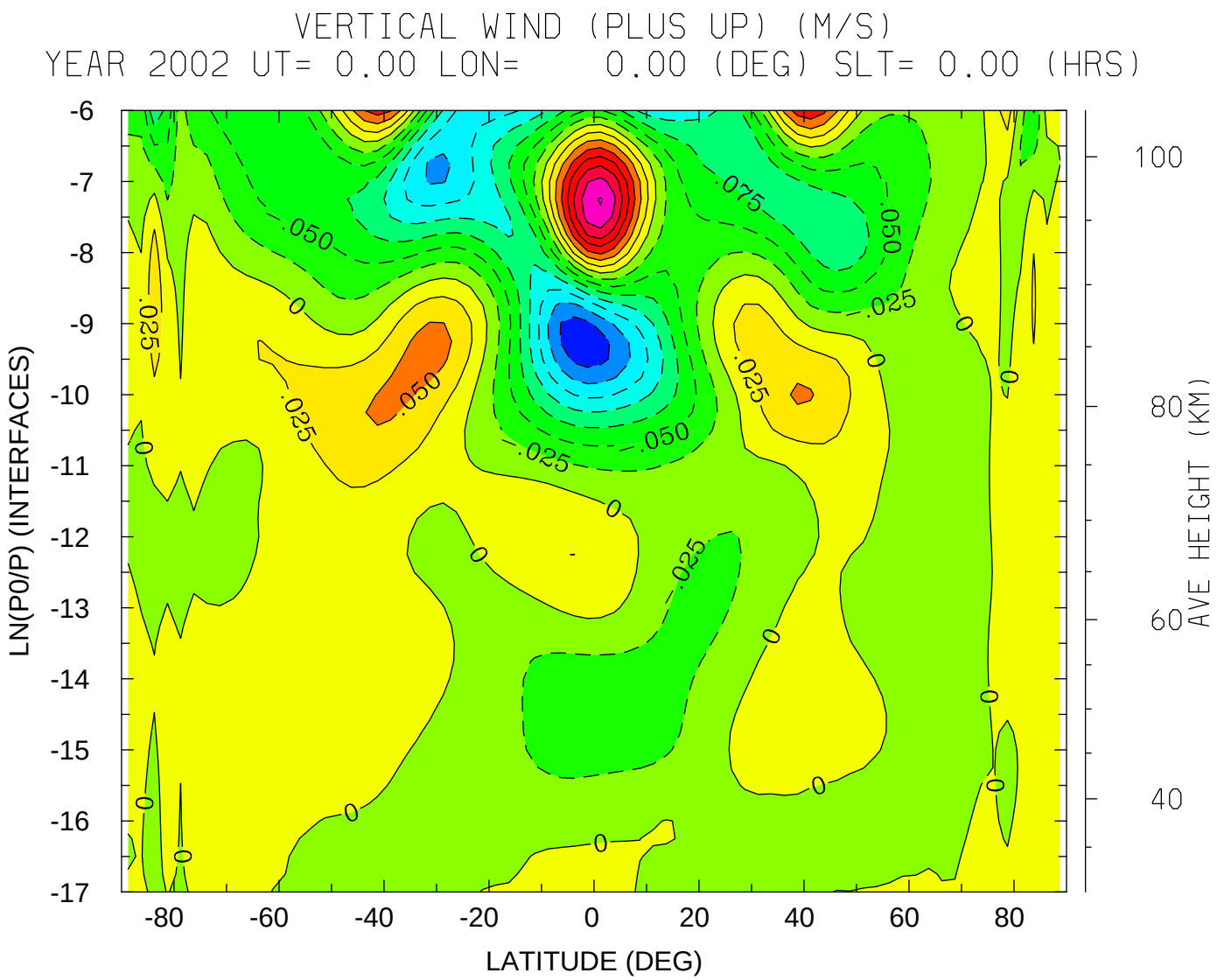


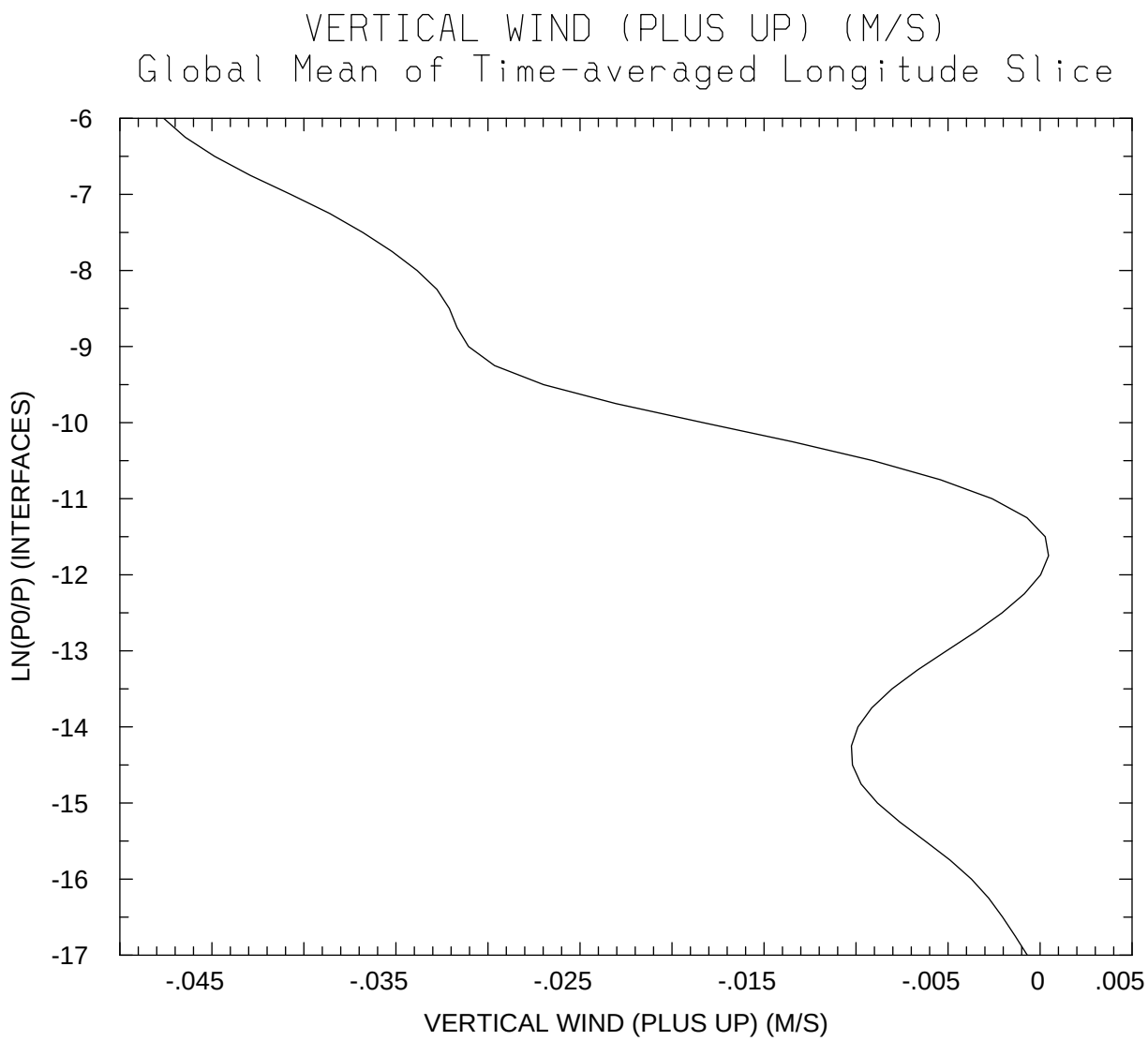
MIN,MAX= -1.4810E-01 1.3200E-01 INTERVAL= 2.0000E-02
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

VERTICAL WIND (PLUS UP) (M/S)
Global Mean of Time-averaged Longitude Slice



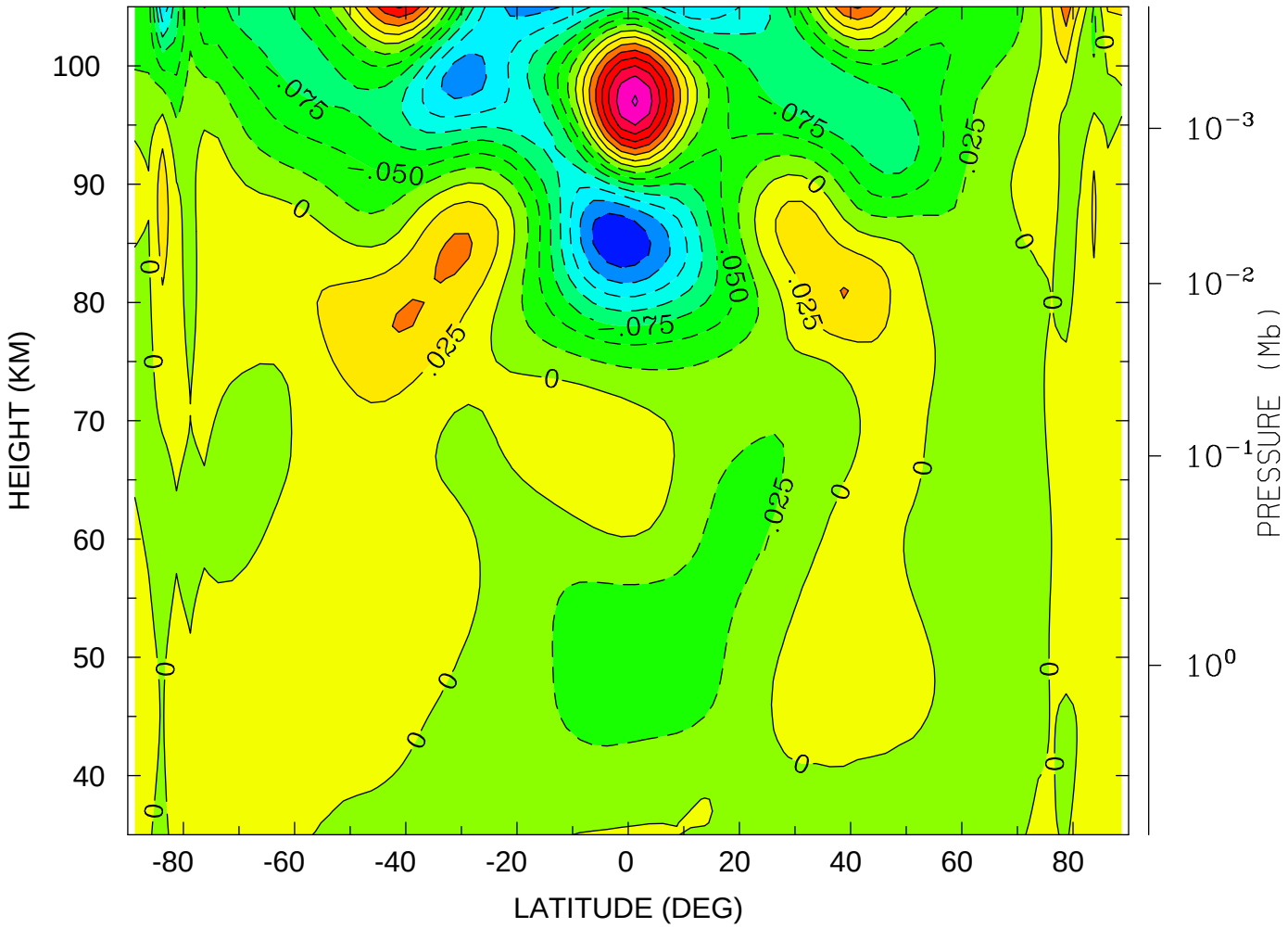
MIN,MAX= -0.6147E-01, 0.1056E-01
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)


VERTICAL WIND (PLUS UP) (M/S)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (INTERFACES)
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
AVE HEIGHT (KM)
100
80
60
40
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
.075
.050
.025
0
MIN,MAX= -1.9483E-01 1.7704E-01 INTERVAL= 2.5000E-02
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



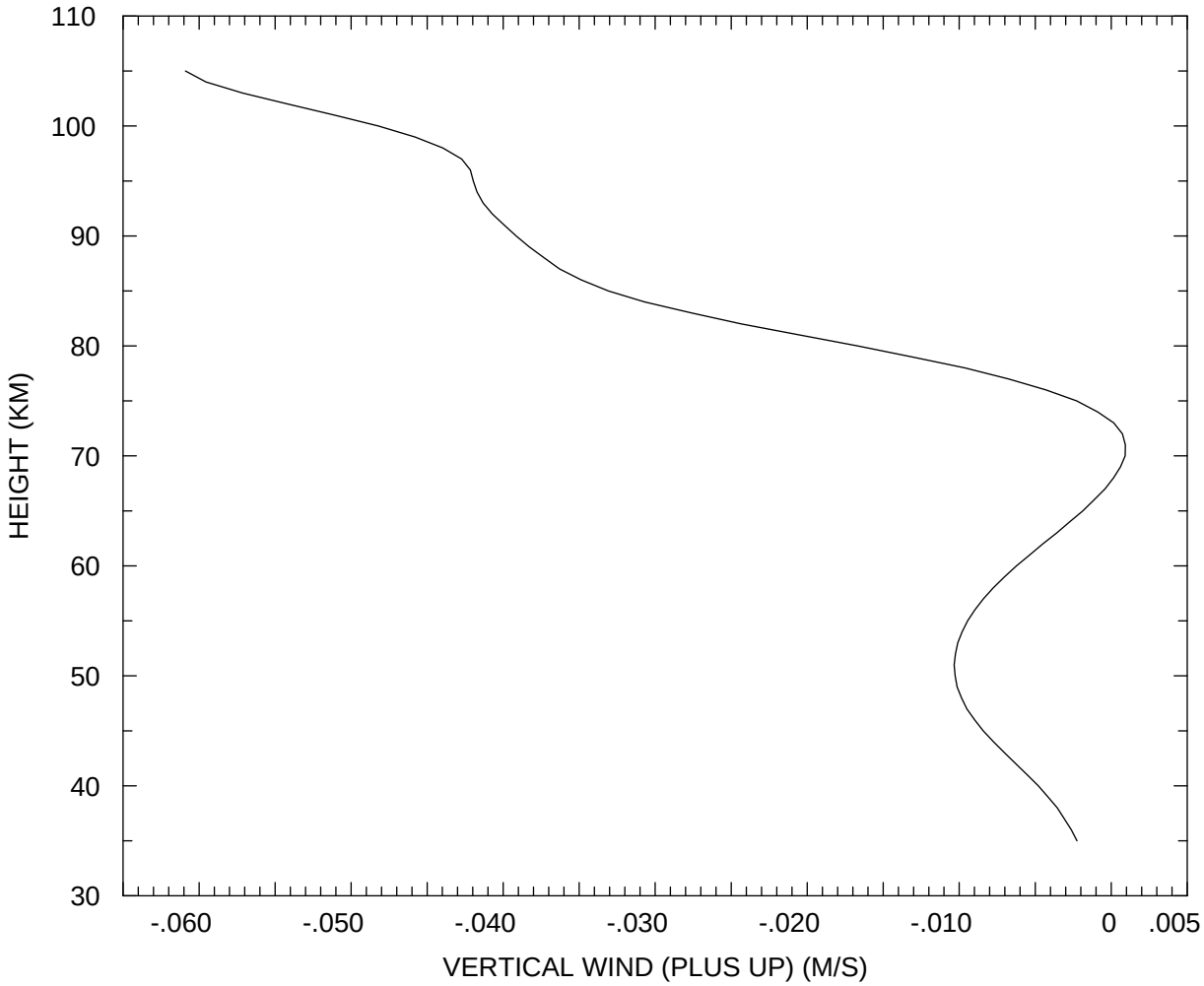
MIN,MAX= -0.4762E-01, 0.4593E-03
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

VERTICAL WIND (PLUS UP) (M/S)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)

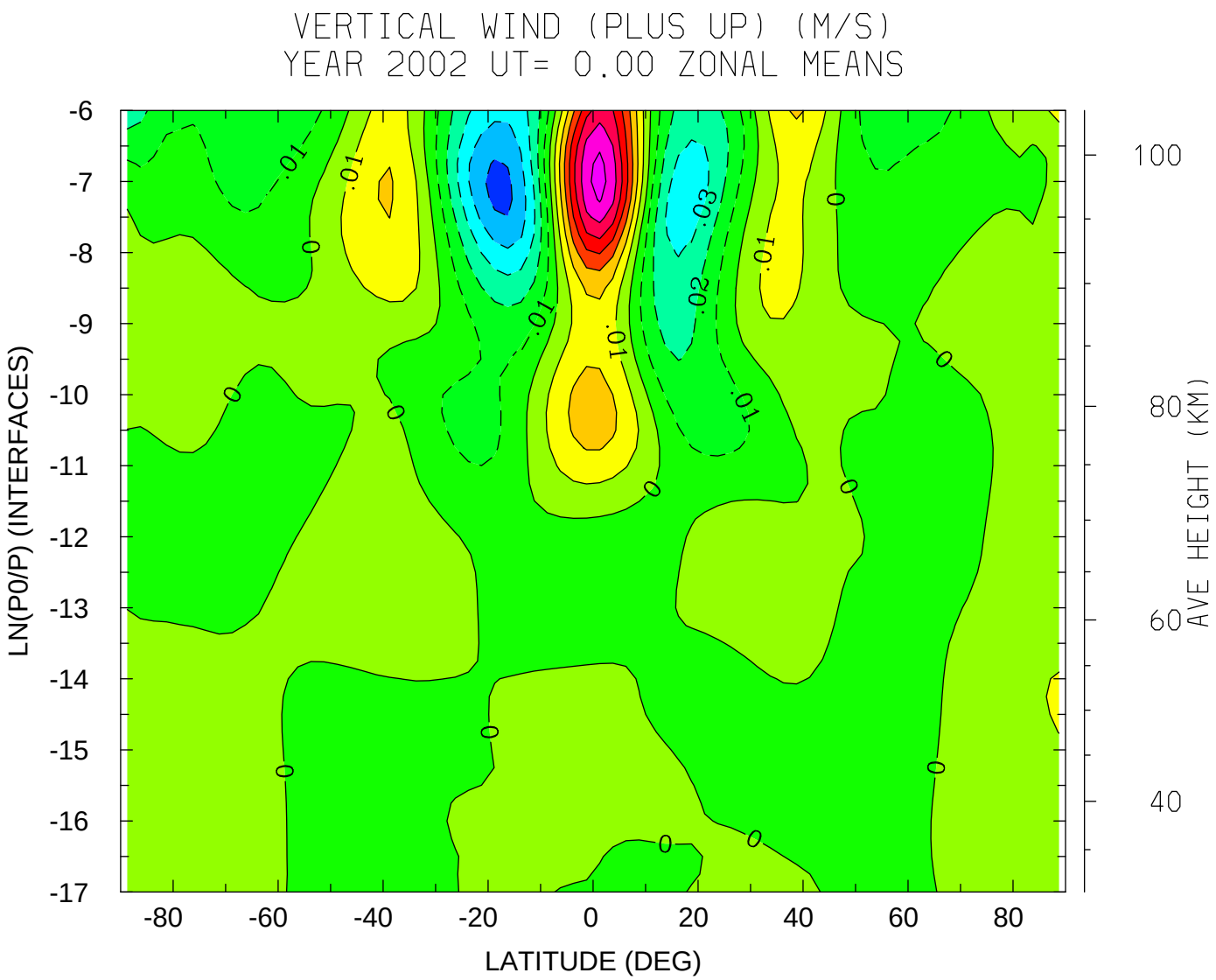


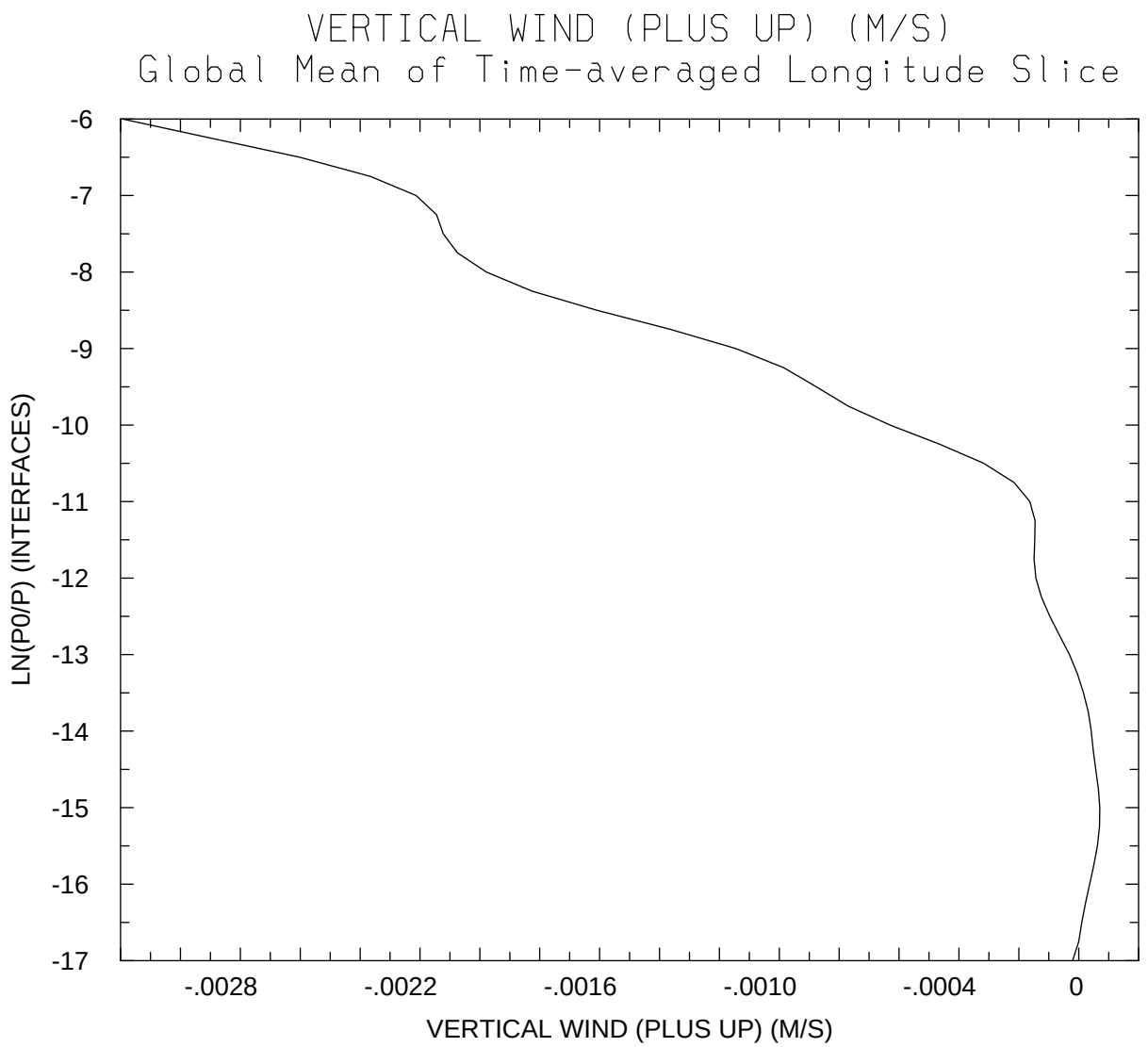
MIN,MAX= -1.9741E-01 1.7816E-01 INTERVAL= 2.5000E-02
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

VERTICAL WIND (PLUS UP) (M/S)
Global Mean of Time-averaged Longitude Slice

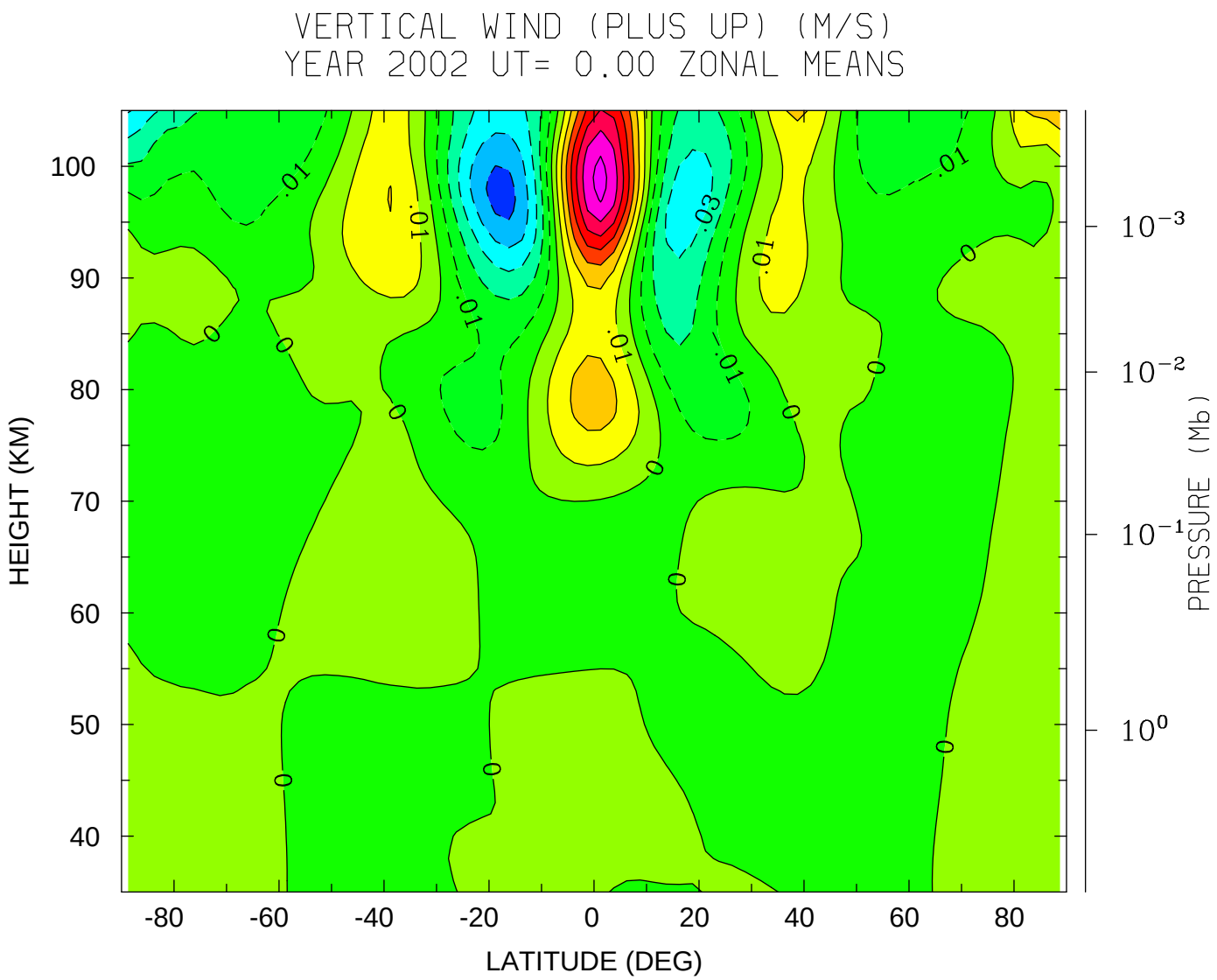


MIN,MAX= -0.6090E-01, 0.9250E-03
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

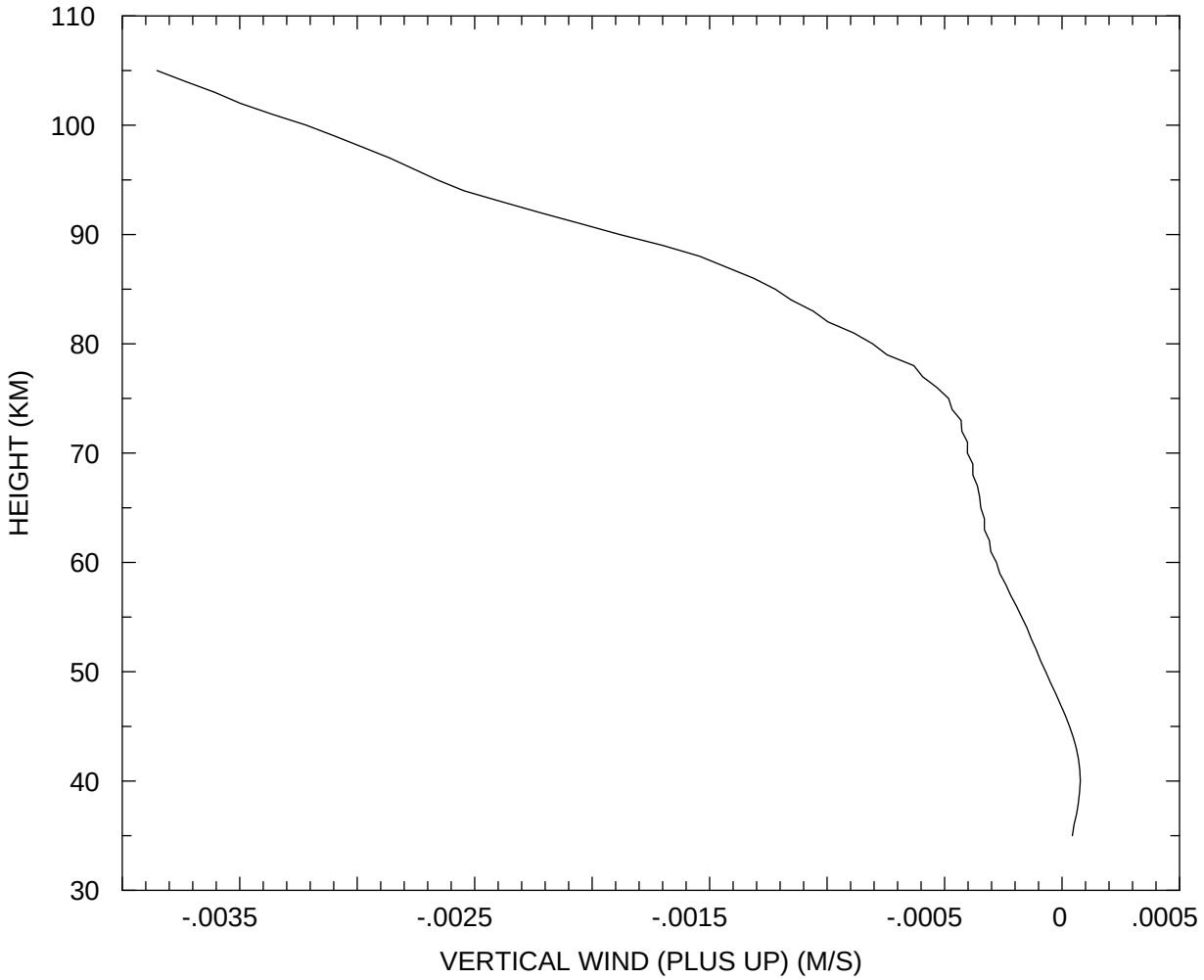

VERTICAL WIND (PLUS UP) (M/S)
YEAR 2002 UT= 0.00 ZONAL MEANS
LN(P0/P) (INTERFACES)
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
AVE HEIGHT (KM)
100
80
60
40
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
MIN,MAX= -5.3082E-02 7.4230E-02 INTERVAL= 1.0000E-02
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



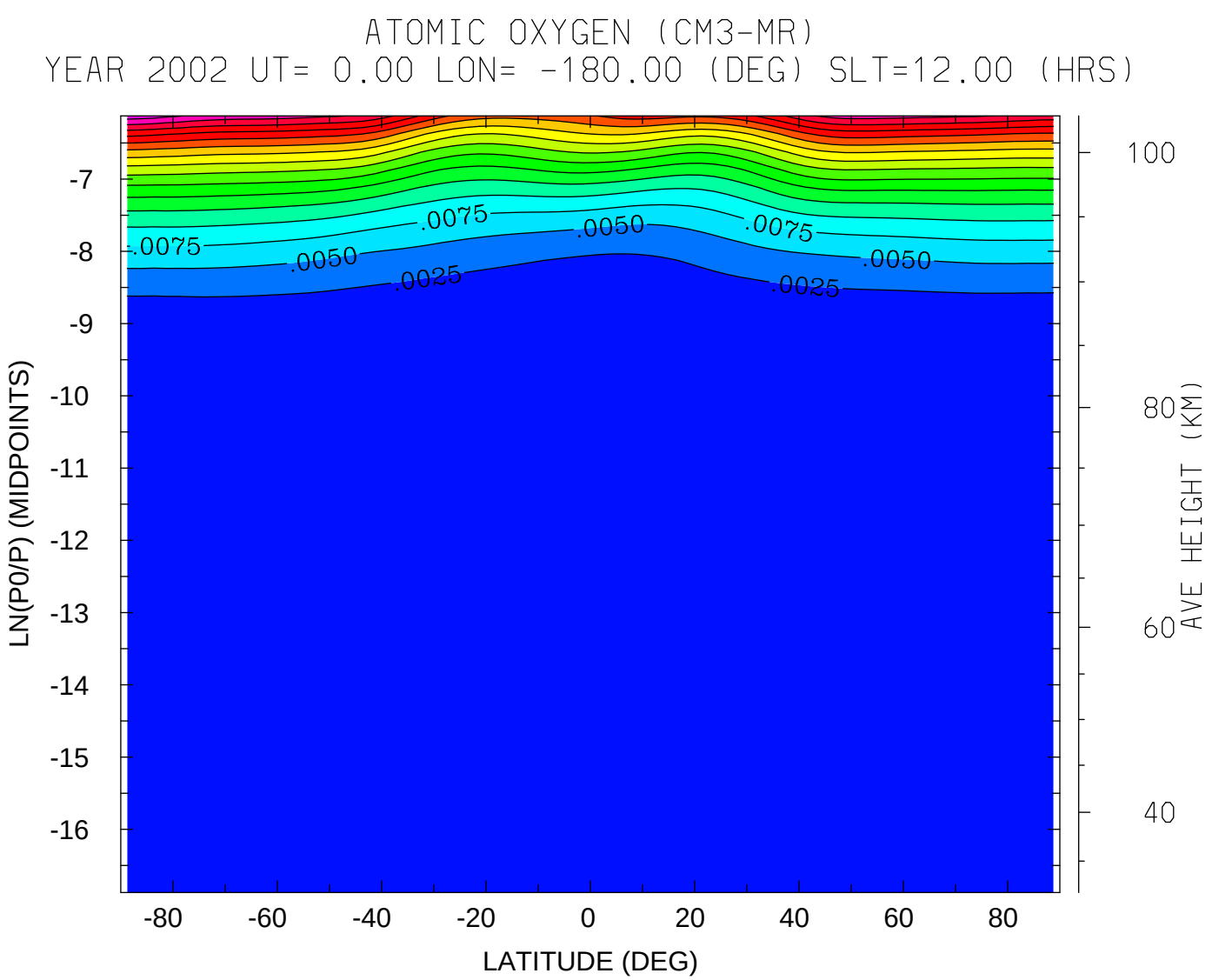
MIN,MAX= -0.3194E-02, 0.7046E-04
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

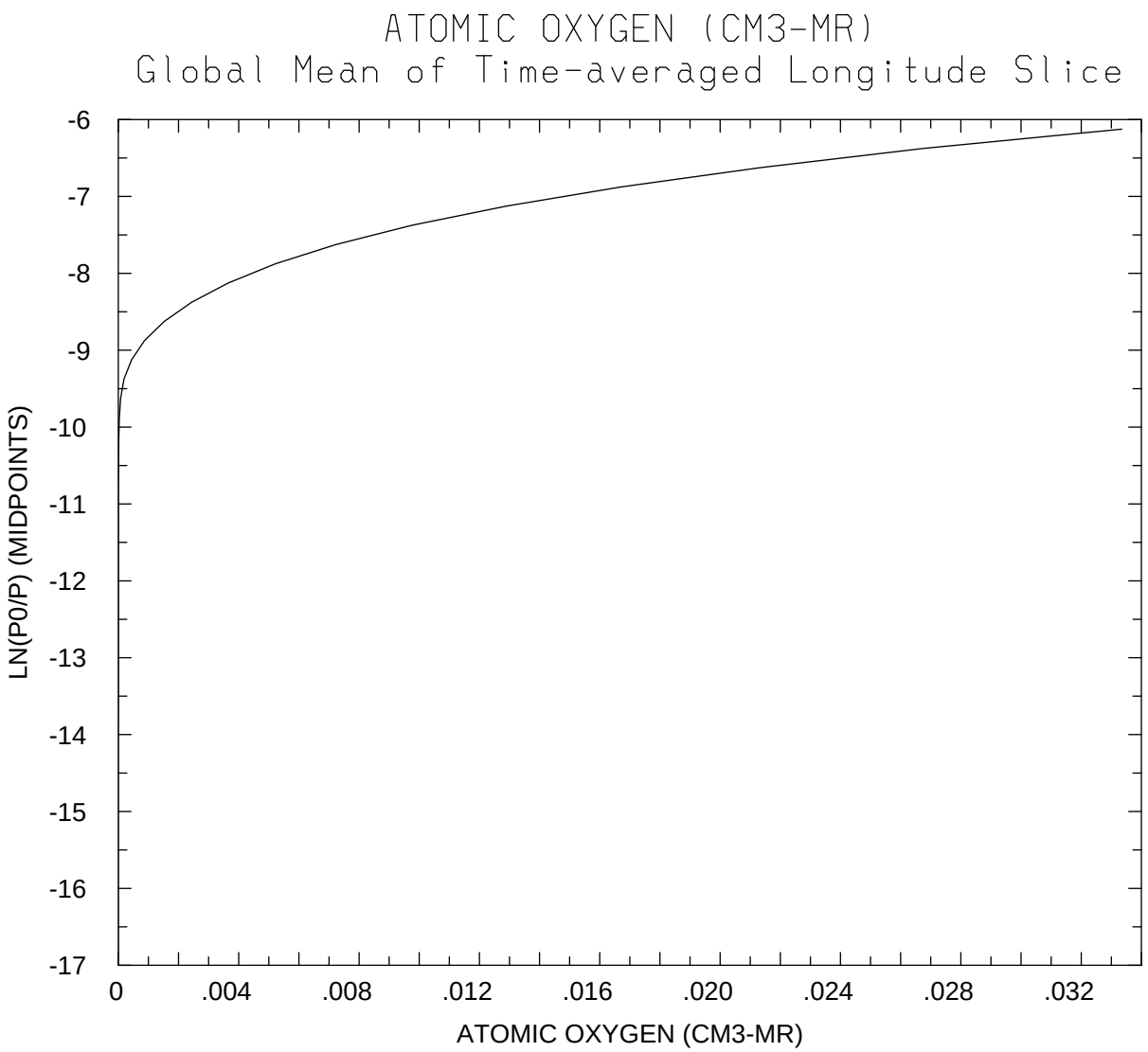

VERTICAL WIND (PLUS UP) (M/S)
YEAR 2002 UT= 0.00 ZONAL MEANS
HEIGHT (KM)
100
90
80
70
60
50
40
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
PRESSURE (Mb)
10^{-3}
10^{-2}
10^{-1}
10^{0}
MIN,MAX= -5.3570E-02 7.3901E-02 INTERVAL= 1.0000E-02
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

VERTICAL WIND (PLUS UP) (M/S)
Global Mean of Time-averaged Longitude Slice

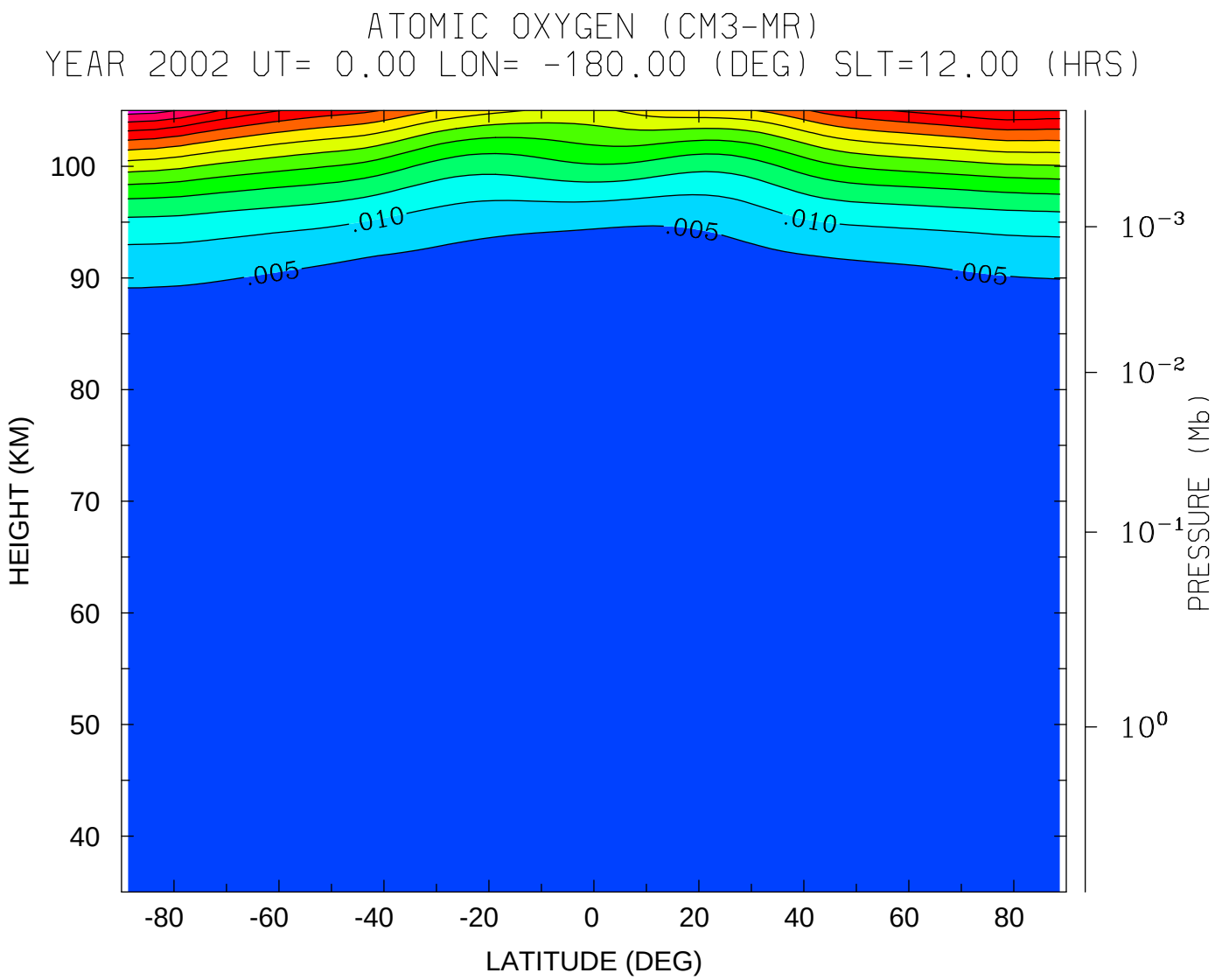


MIN,MAX= -0.3853E-02, 0.7740E-04
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS


ATOMIC OXYGEN (CM3-MR)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)
LN(P0/P) (MIDPOINTS)
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
.0075
.0050
.0025
.0075
.0050
.0075
.0050
.0025
100
80
60
40
AVE HEIGHT (KM)
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
MIN,MAX= 1.8041E-10 4.1481E-02 INTERVAL= 2.5000E-03
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



MIN,MAX= 0.2189E-09, 0.3335E-01
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

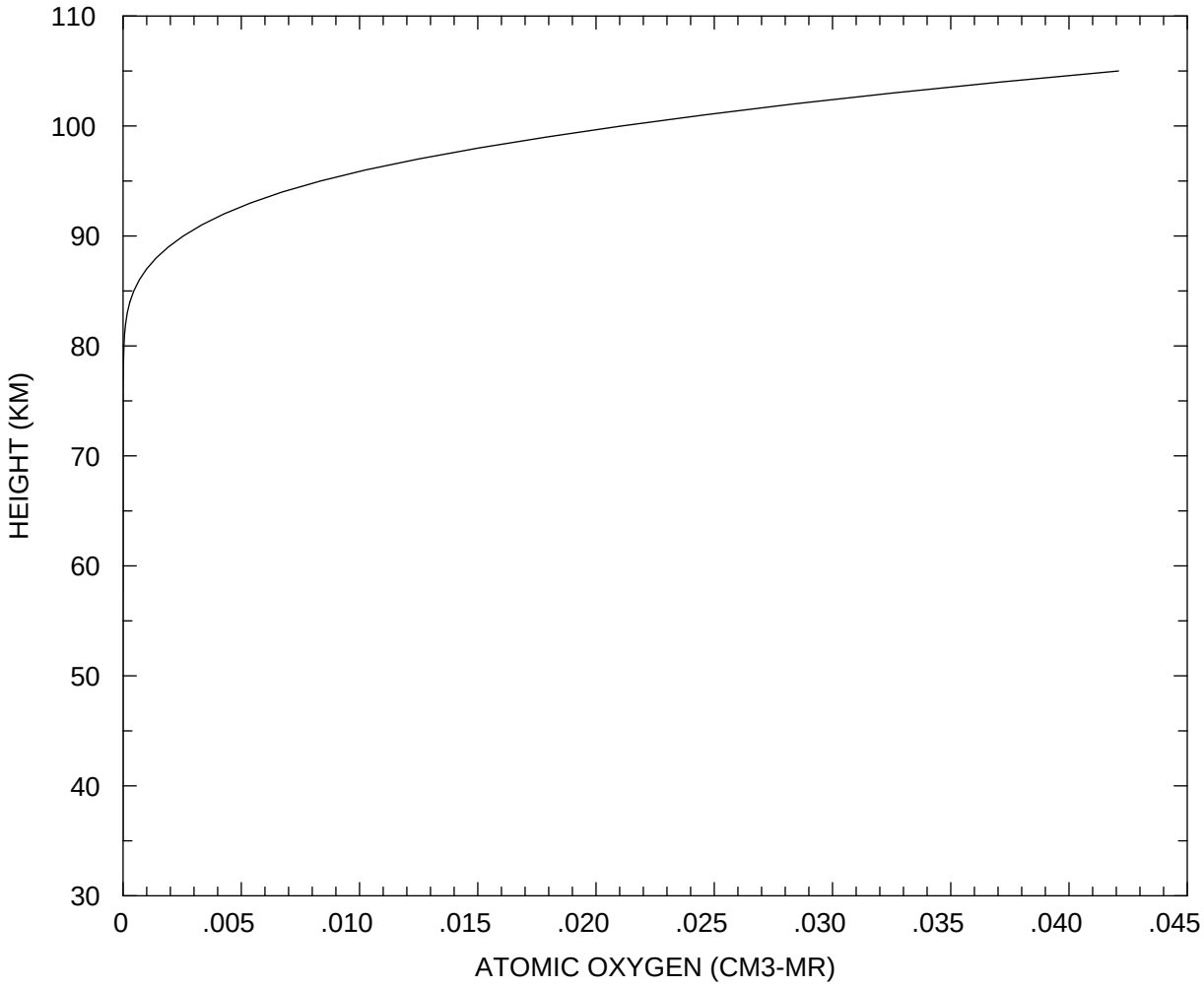


MIN,MAX= 1.9229E-10 6.2337E-02 INTERVAL= 5.0000E-03

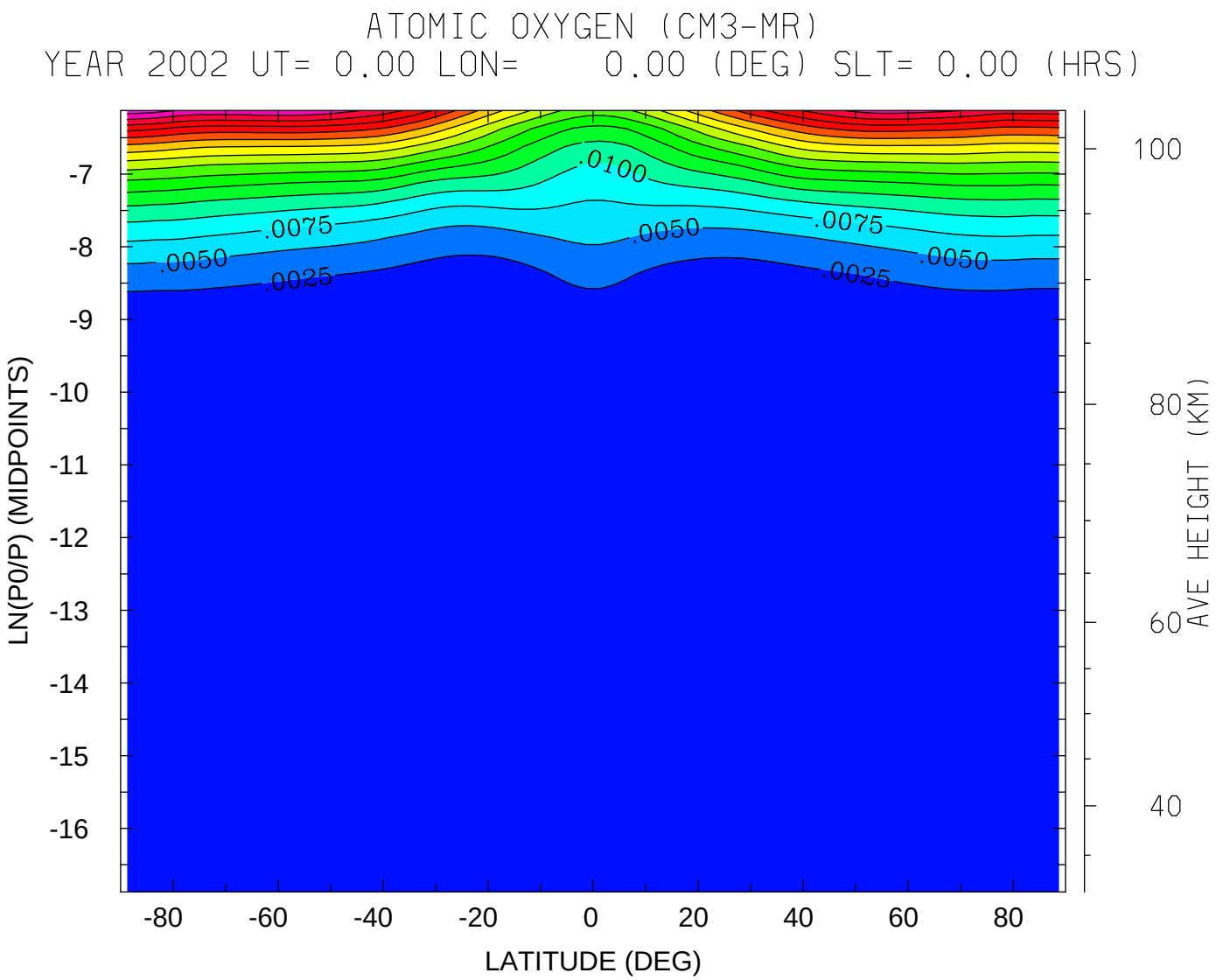
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

ATOMIC OXYGEN (CM3-MR)
Global Mean of Time-averaged Longitude Slice



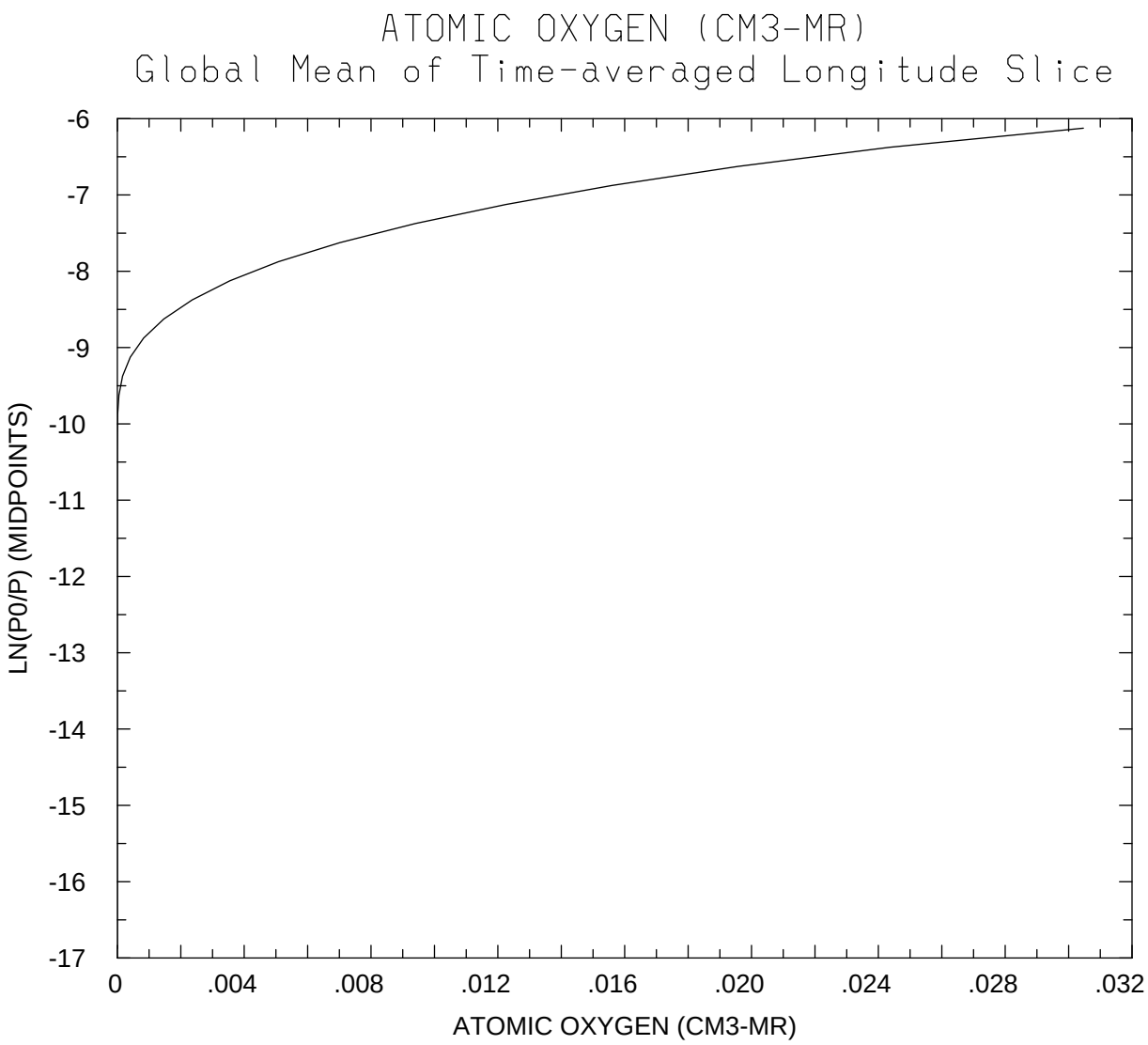
MIN,MAX= 0.6354E-09, 0.4209E-01
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)



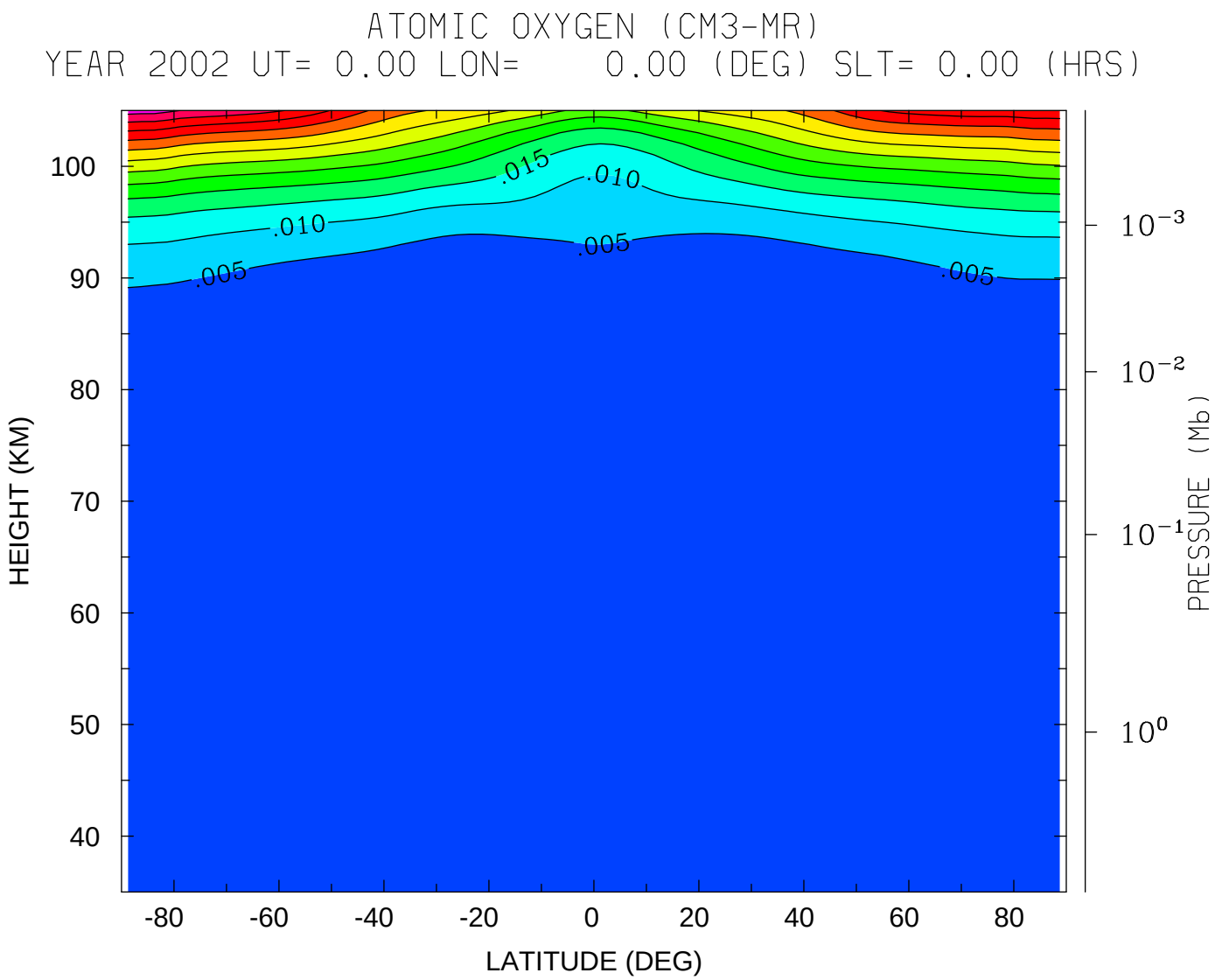
MIN,MAX= 1.8041E-10 4.1503E-02 INTERVAL= 2.5000E-03

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



MIN,MAX= 0.1804E-09, 0.3047E-01
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

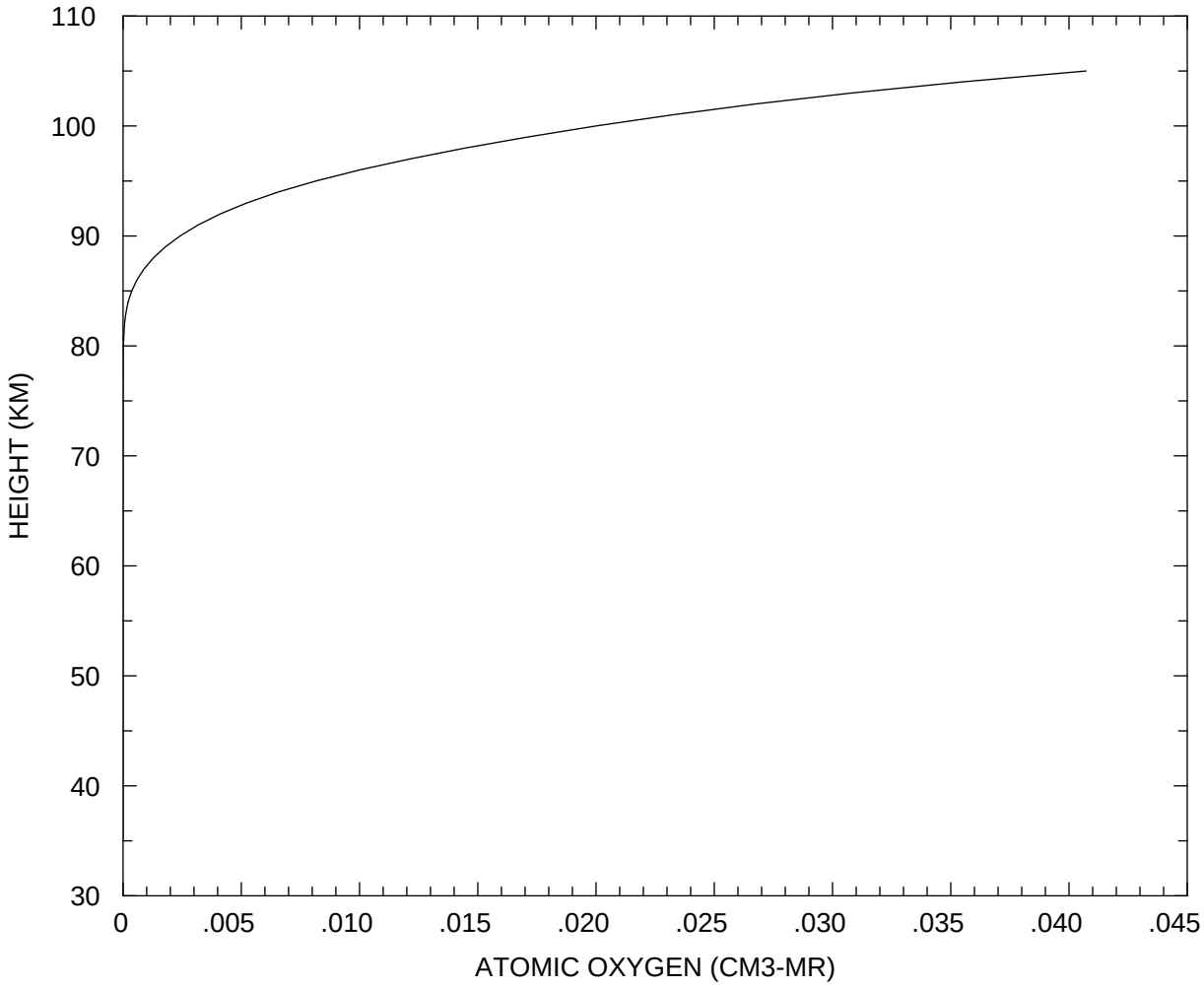


MIN,MAX= 1.8041E-10 6.2376E-02 INTERVAL= 5.0000E-03

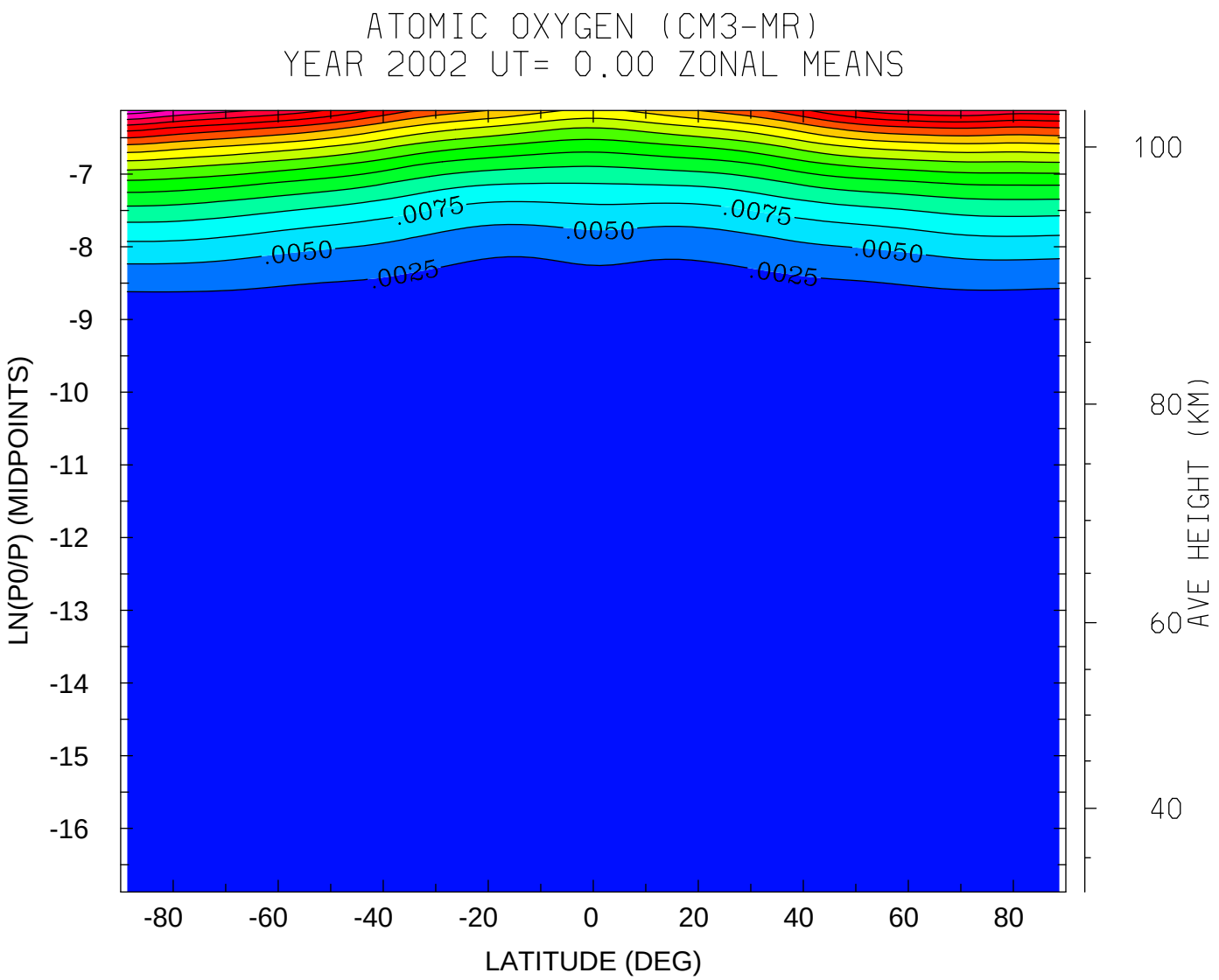
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

ATOMIC OXYGEN (CM3-MR)
Global Mean of Time-averaged Longitude Slice



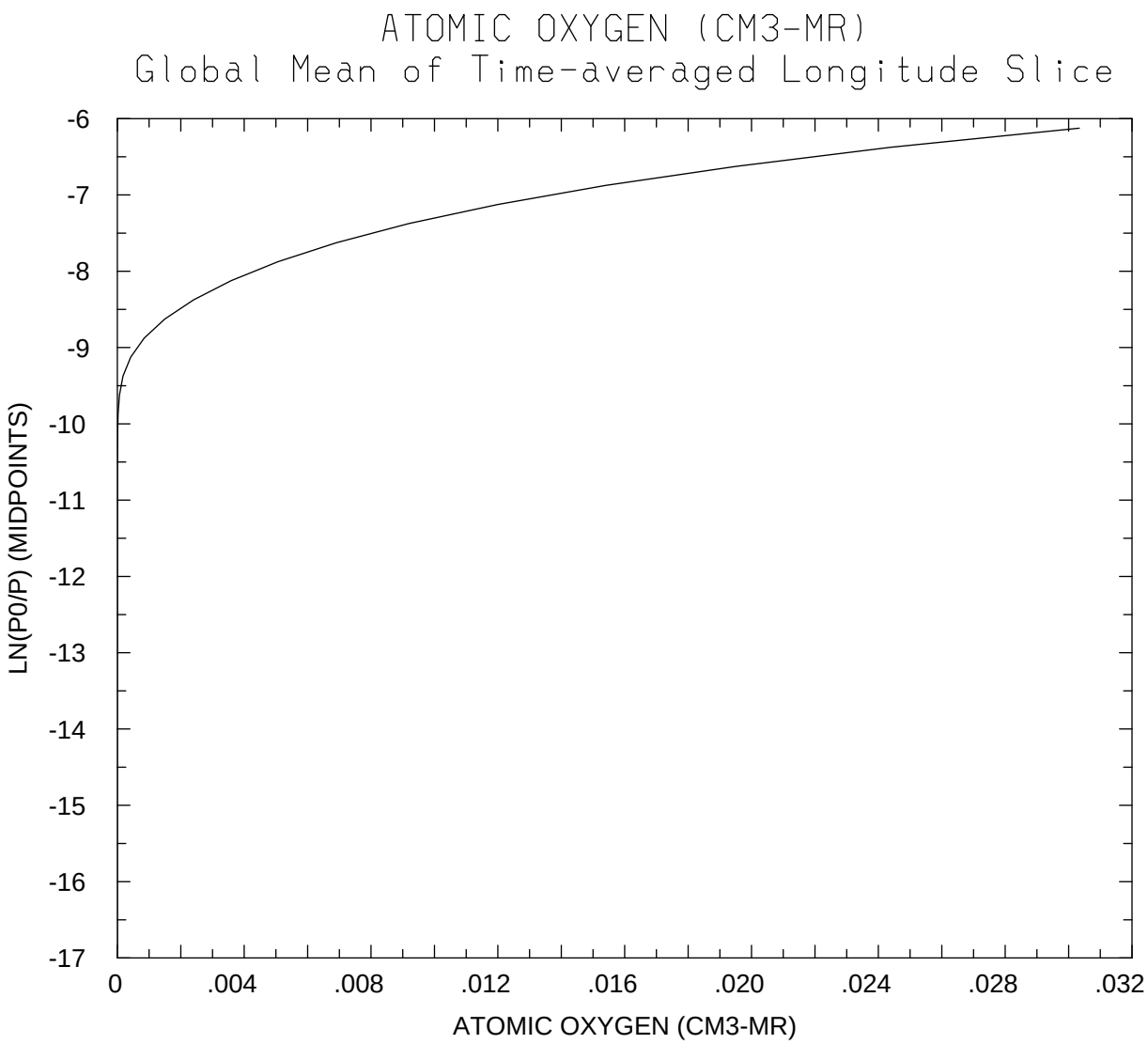
MIN,MAX= 0.1813E-09, 0.4072E-01
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)



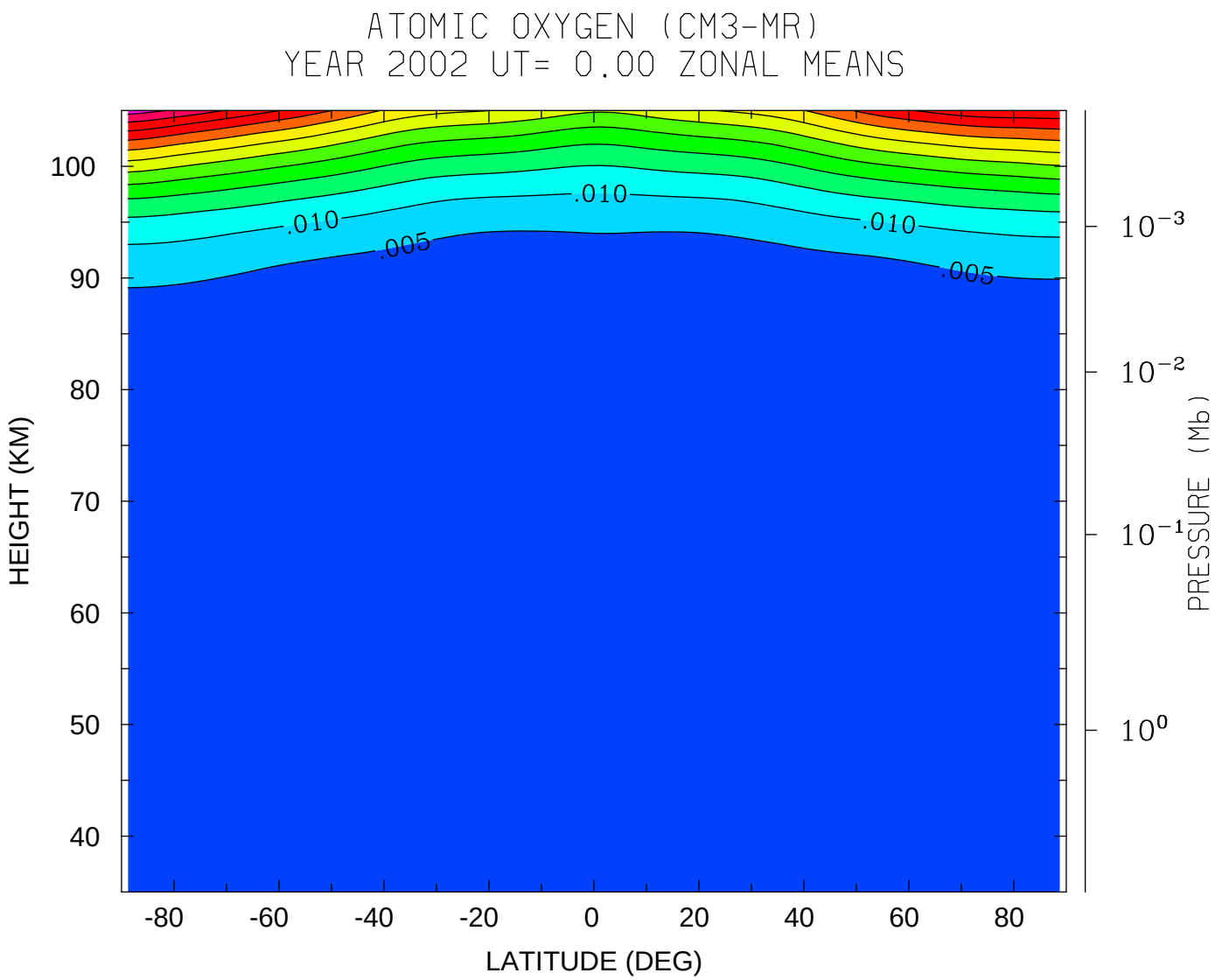
MIN,MAX= 1.8041E-10 4.1511E-02 INTERVAL= 2.5000E-03

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



MIN,MAX= 0.1908E-09, 0.3034E-01
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

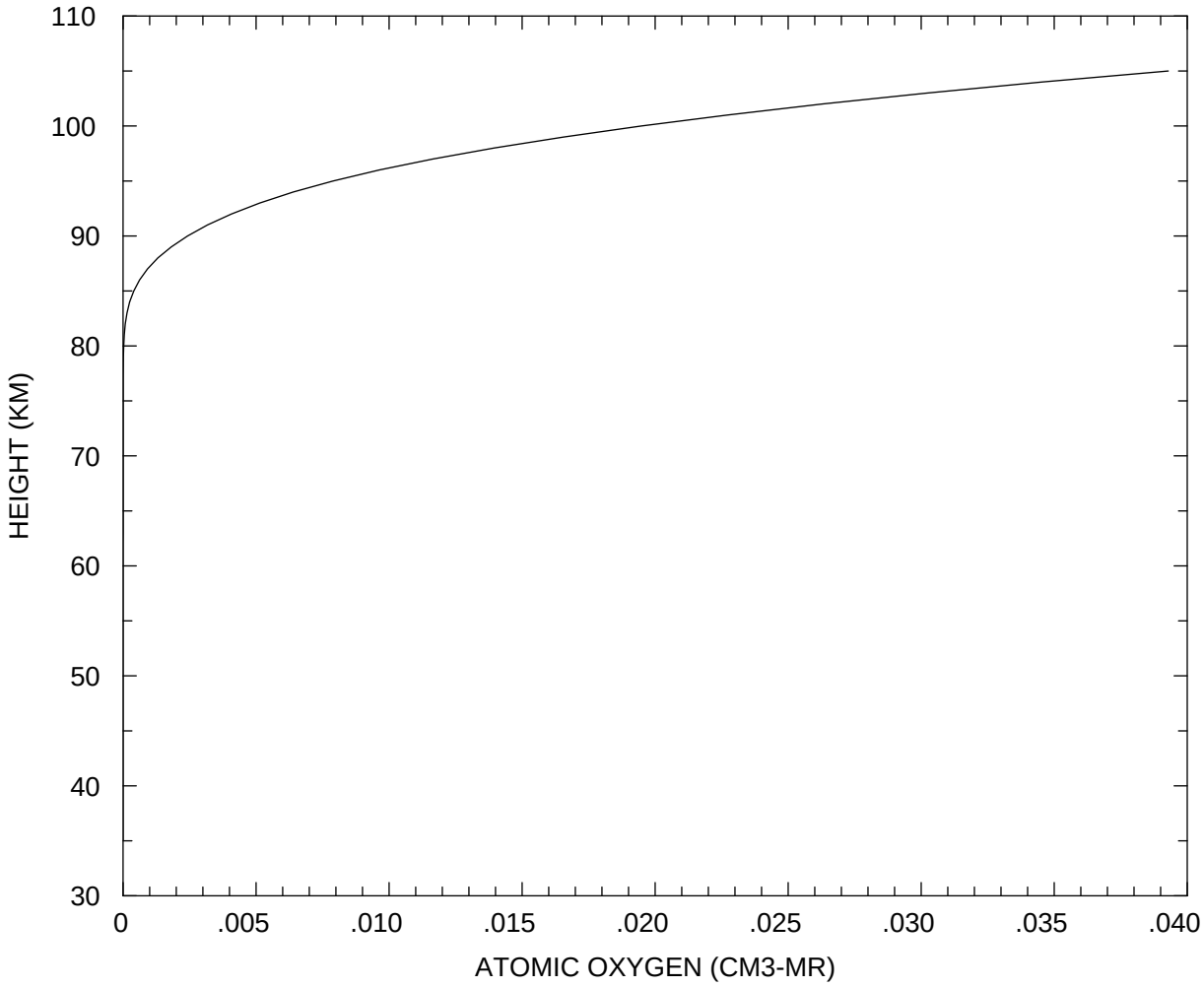


MIN,MAX= 1.9111E-10 6.2391E-02 INTERVAL= 5.0000E-03

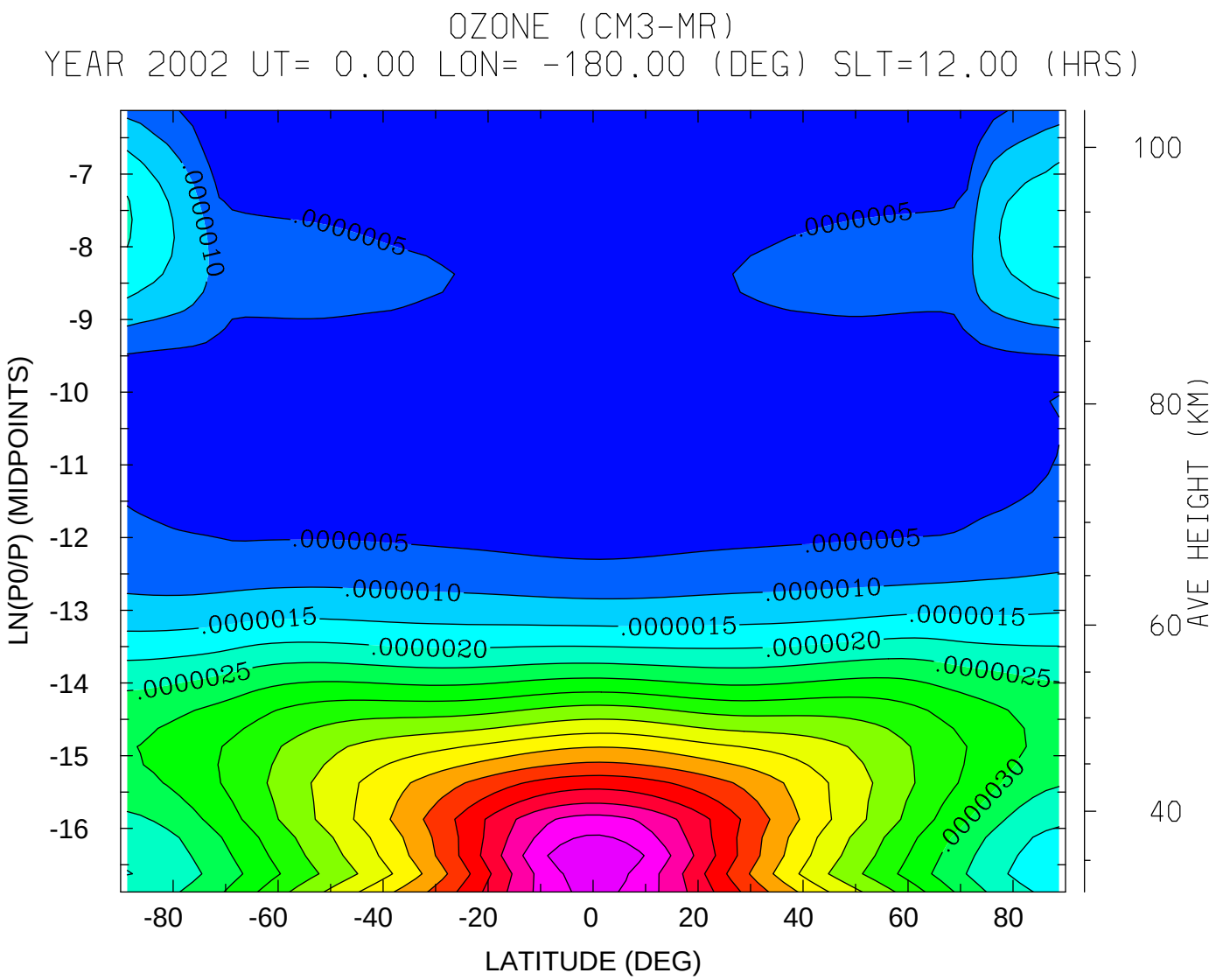
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

ATOMIC OXYGEN (CM3-MR)
Global Mean of Time-averaged Longitude Slice



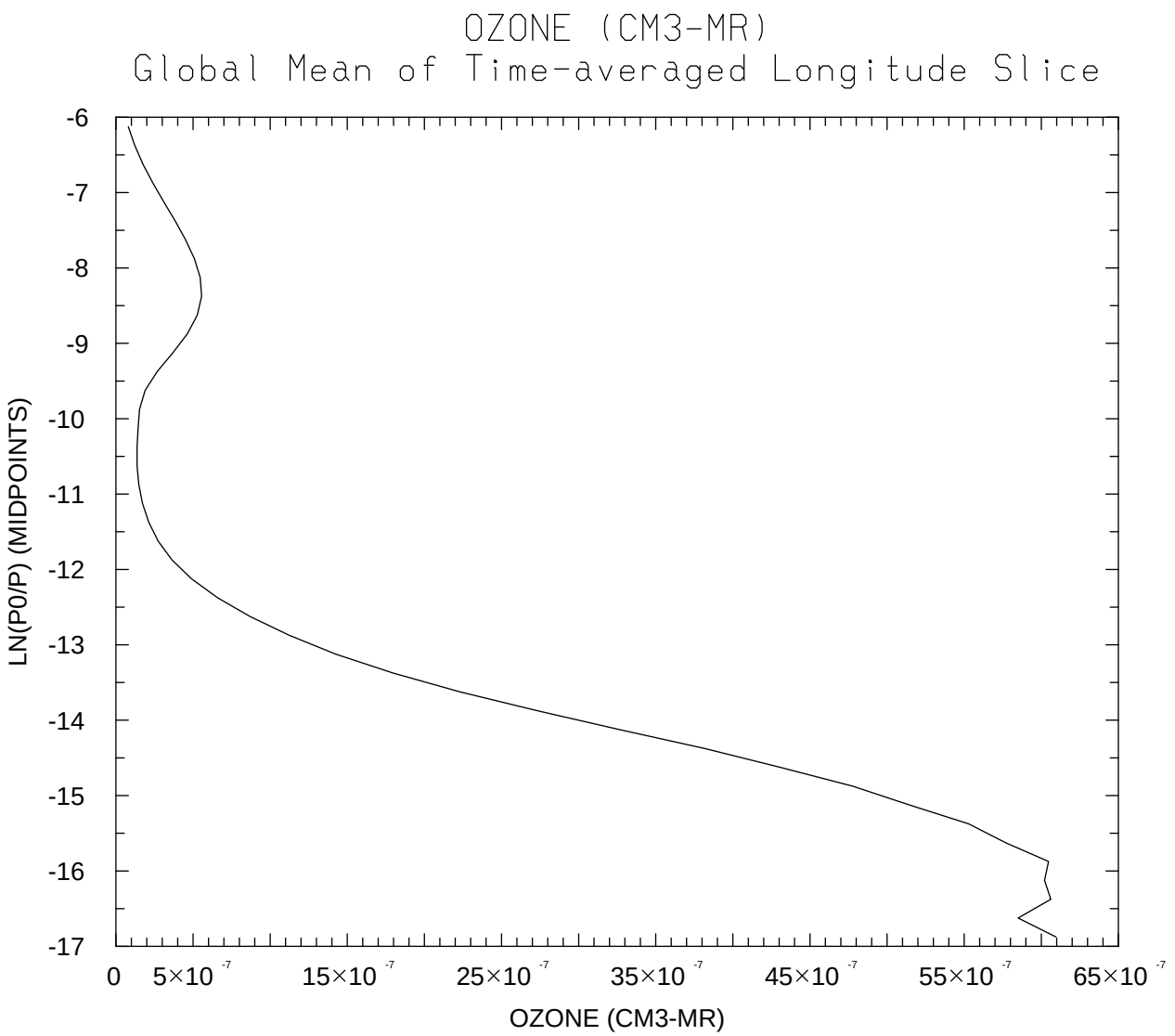
MIN,MAX= 0.3656E-09, 0.3929E-01
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS



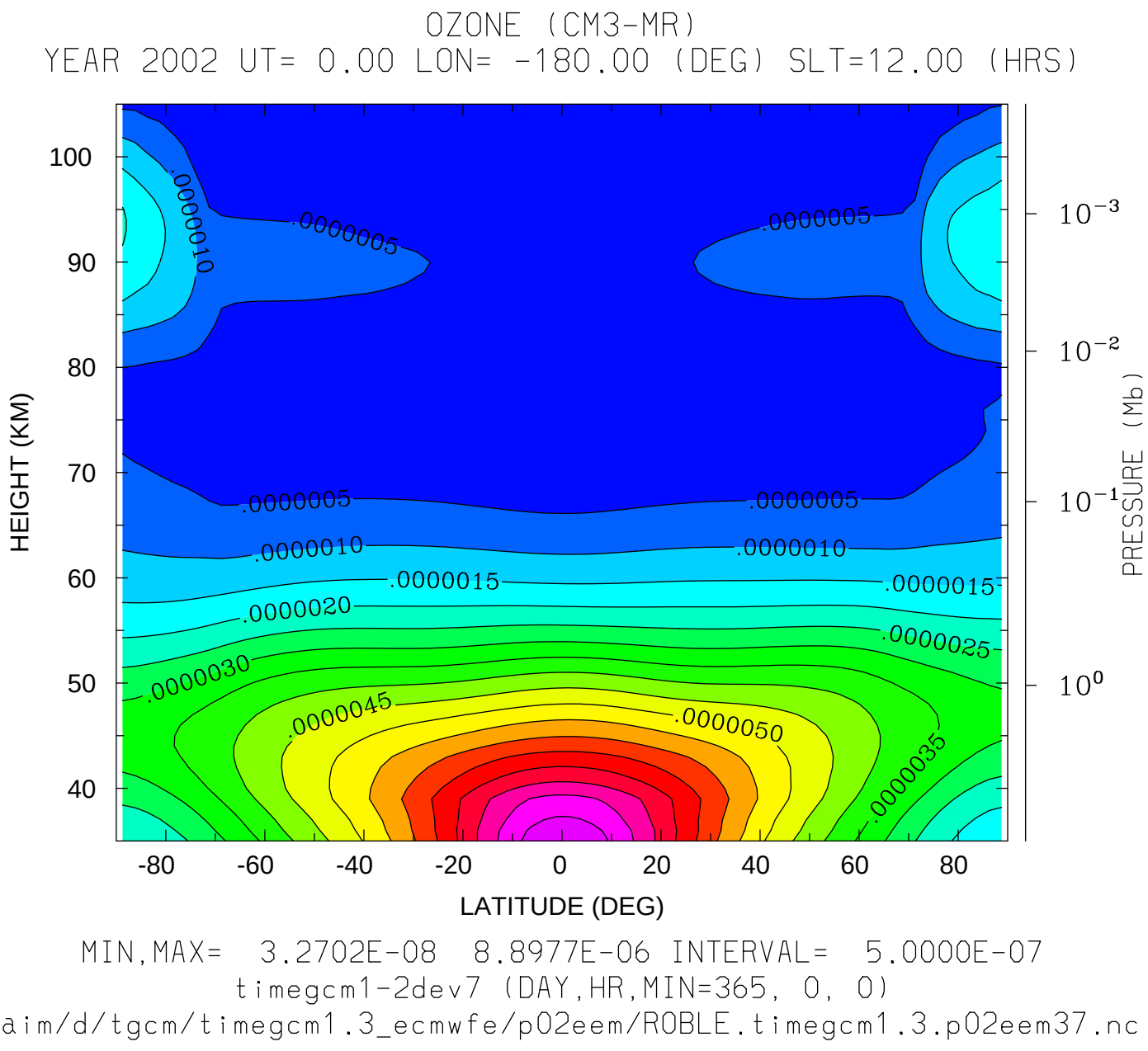
MIN,MAX= 4.9961E-08 8.9287E-06 INTERVAL= 5.0000E-07

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



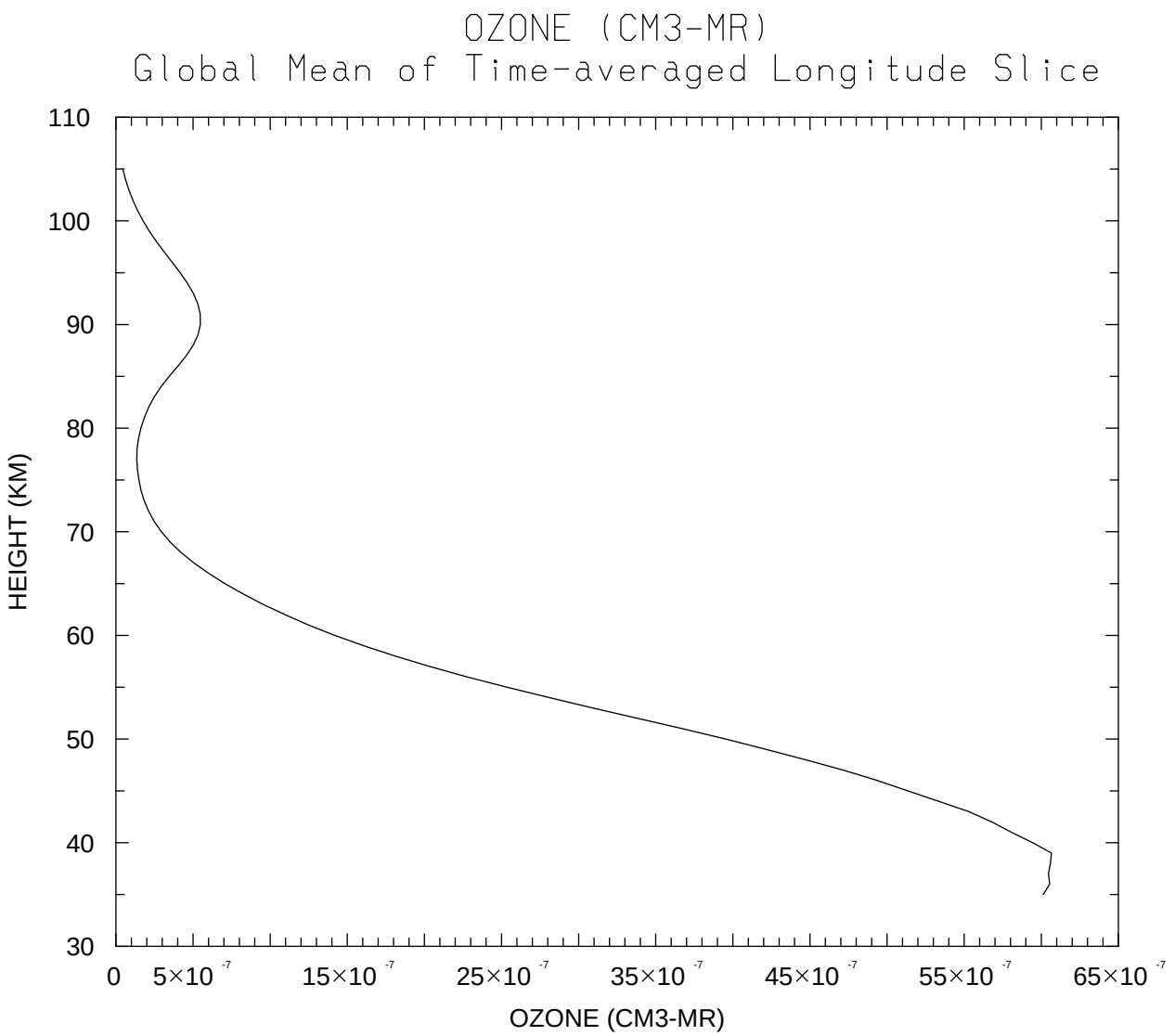
MIN,MAX= 0.7974E-07, 0.6095E-05
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

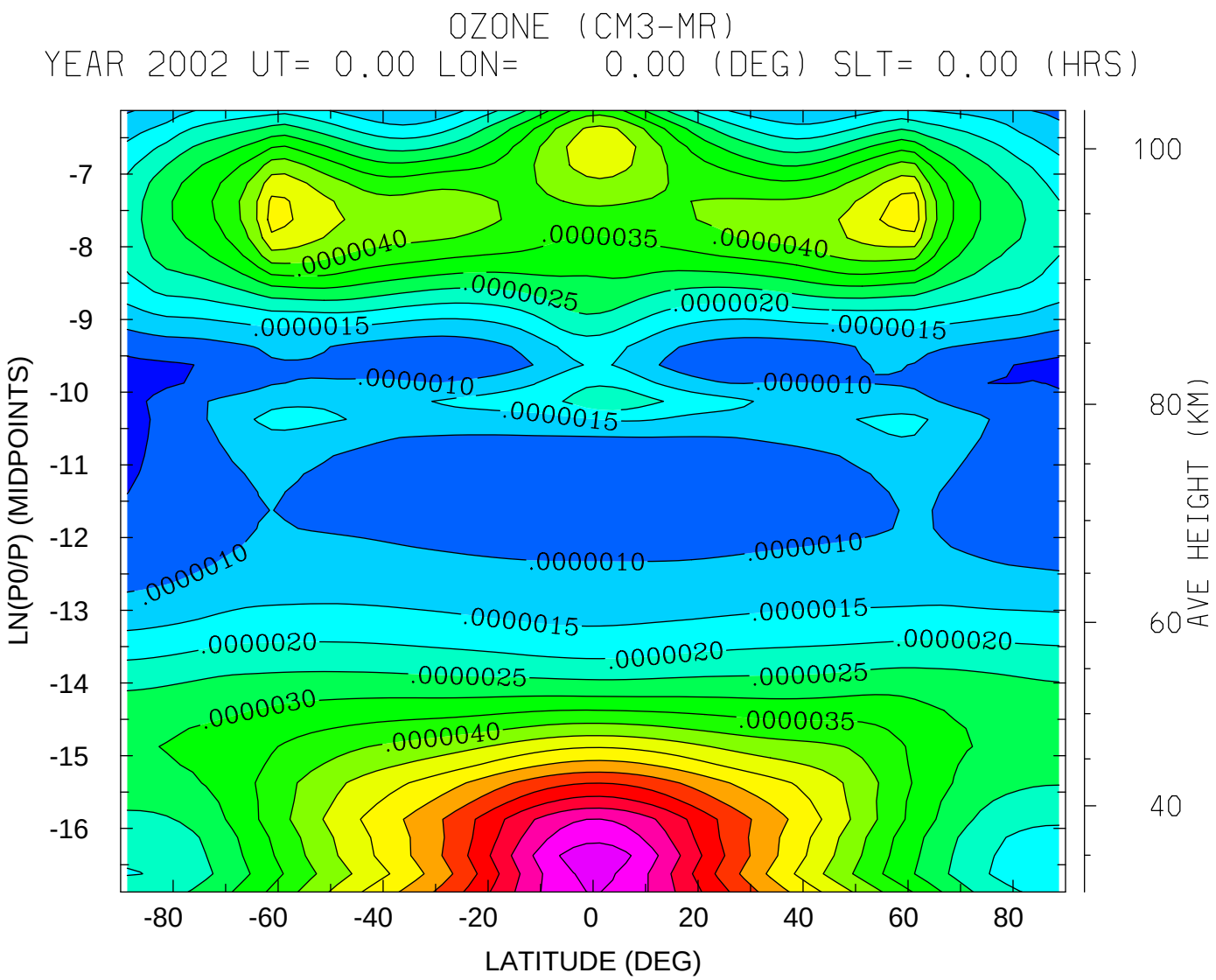


MIN,MAX= 3.2702E-08 8.8977E-06 INTERVAL= 5.0000E-07

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

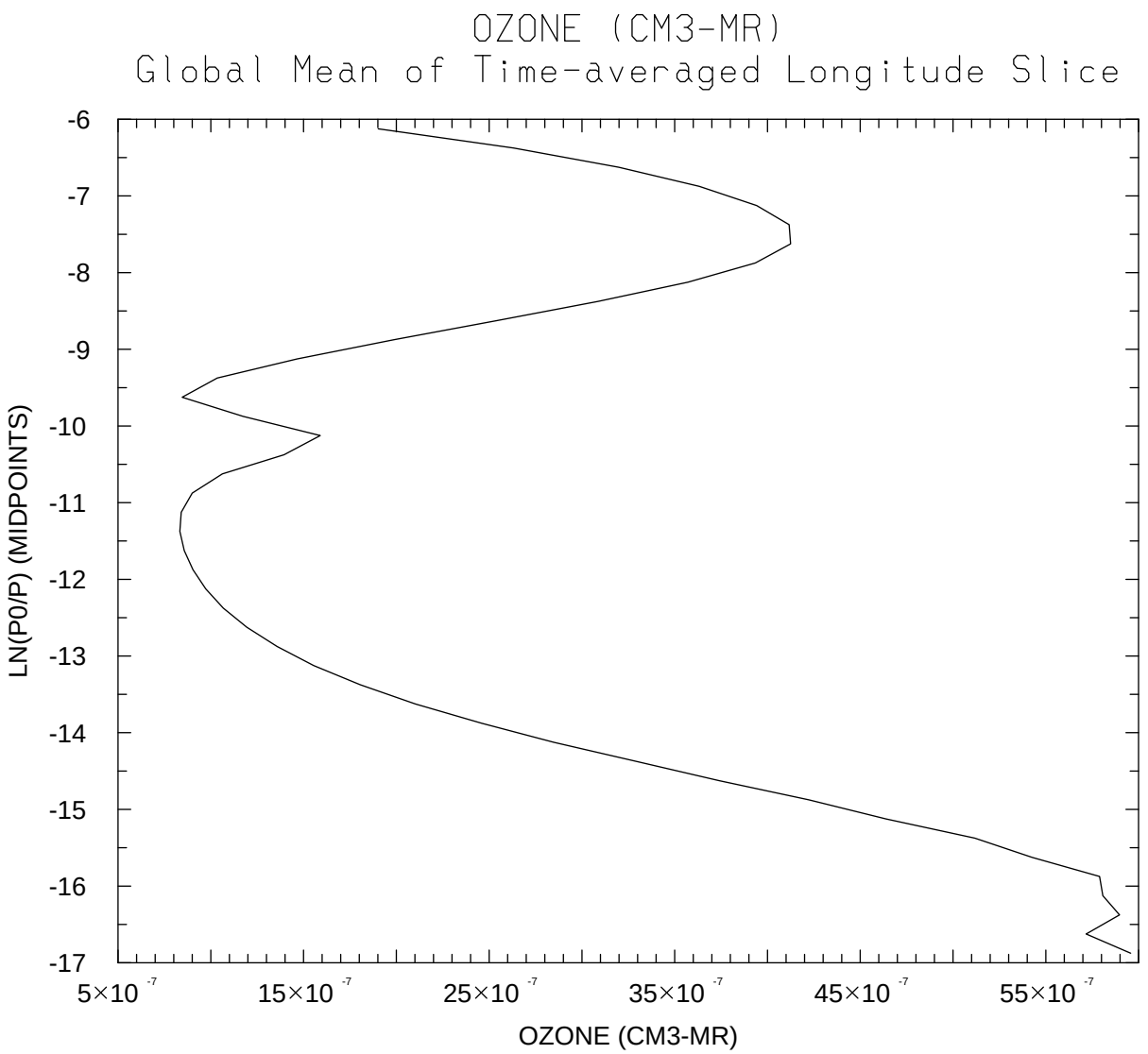

OZONE (CM3-MR)
Global Mean of Time-averaged Longitude Slice
110
100
90
80
70
60
50
40
30
HEIGHT (KM)
0
5×10 -7
15×10 -7
25×10 -7
35×10 -7
45×10 -7
55×10 -7
65×10 -7
OZONE (CM3-MR)
MIN,MAX= 0.4433E-07, 0.6066E-05
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)



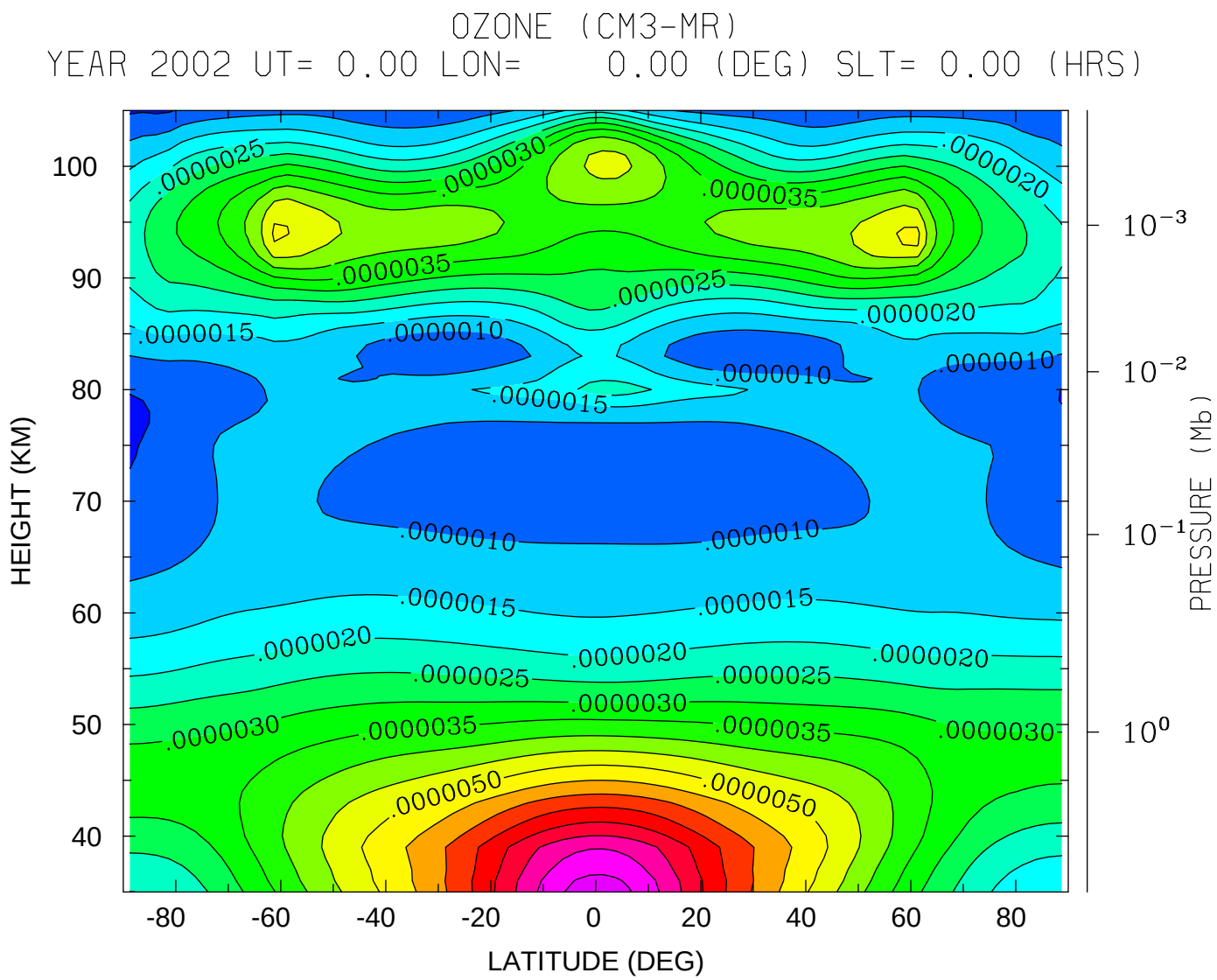
MIN,MAX= 3.2697E-07 8.7787E-06 INTERVAL= 5.0000E-07

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



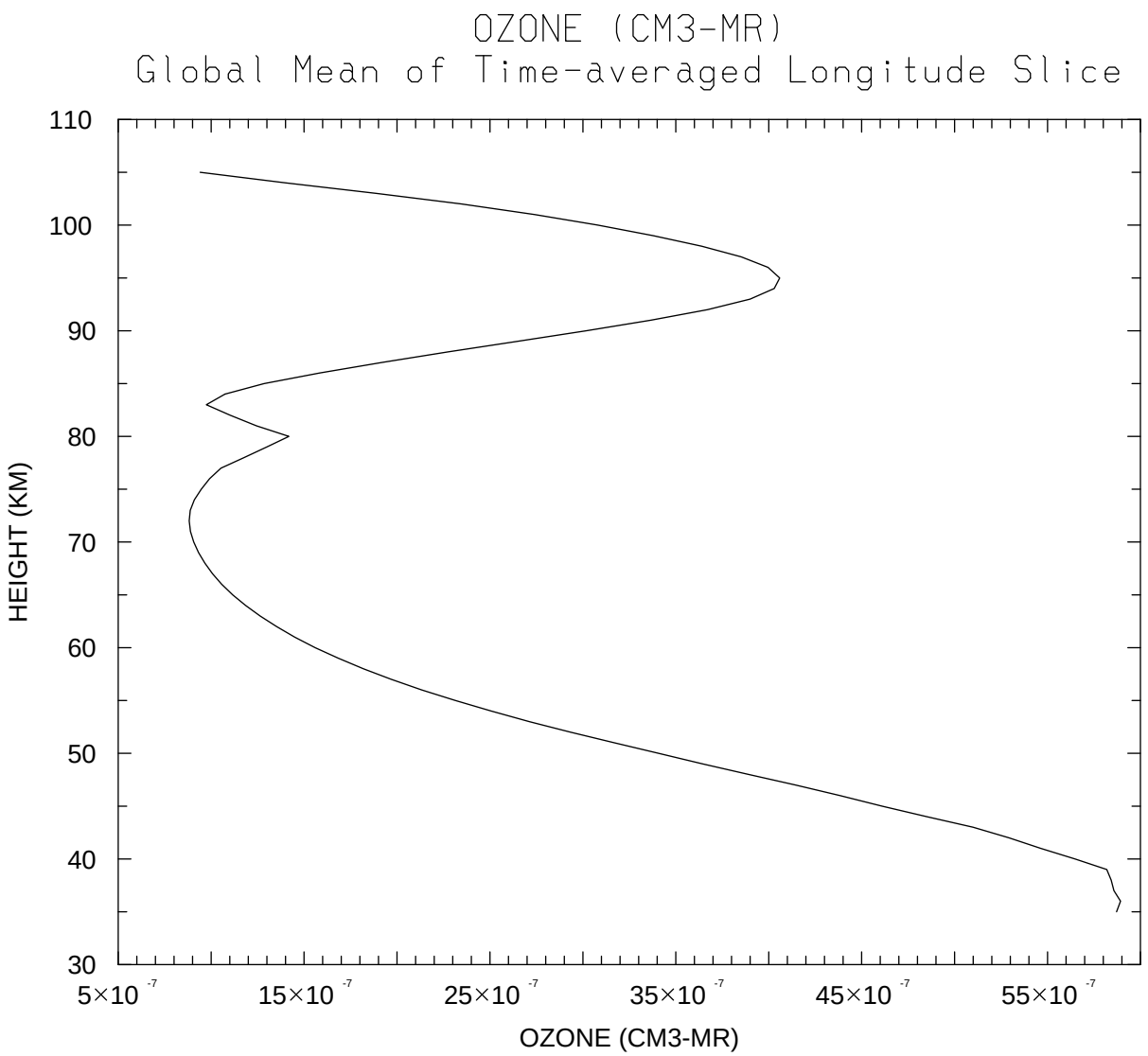
MIN,MAX= 0.8331E-06, 0.5958E-05
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)



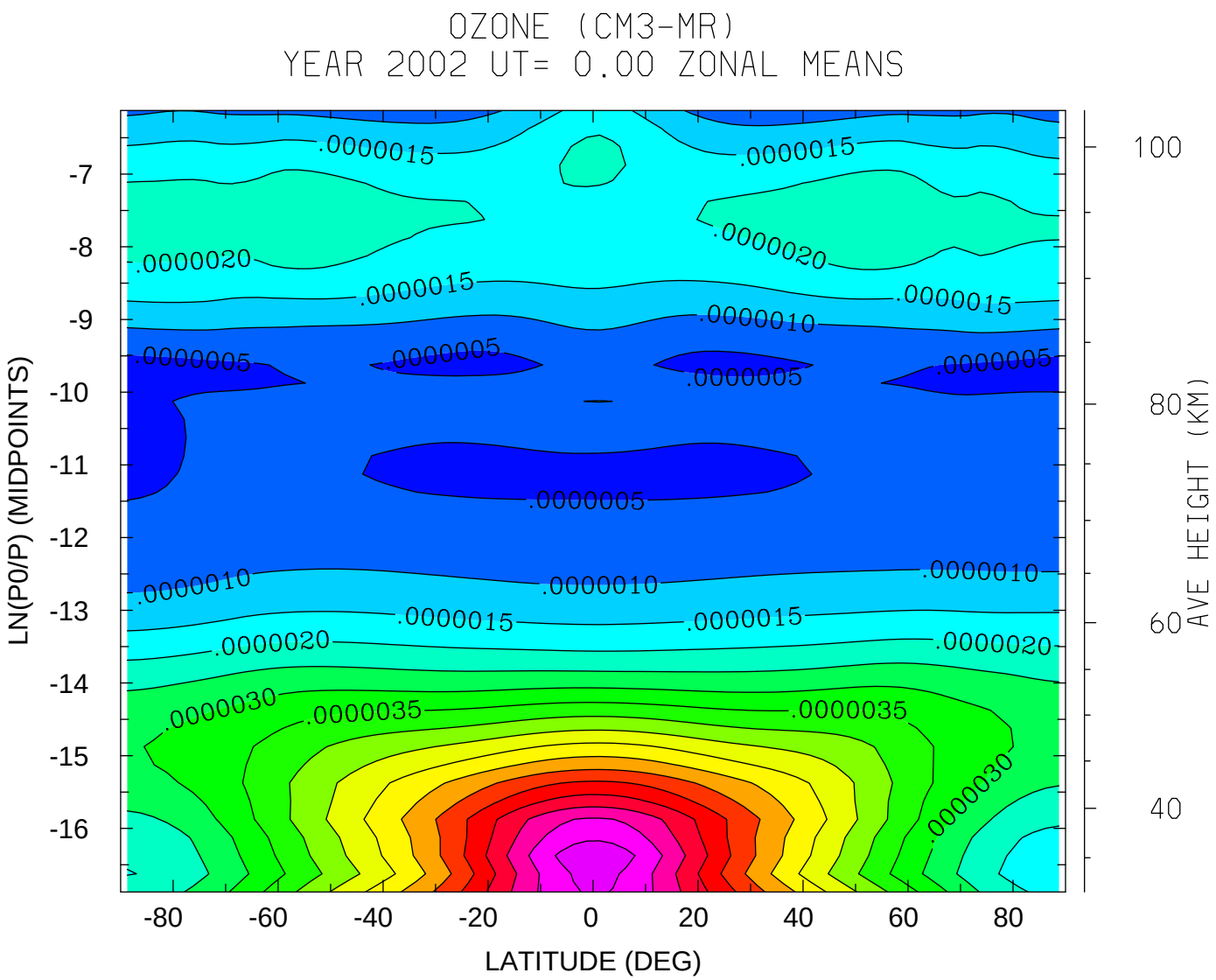
MIN,MAX= 4.0097E-07 8.7484E-06 INTERVAL= 5.0000E-07

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



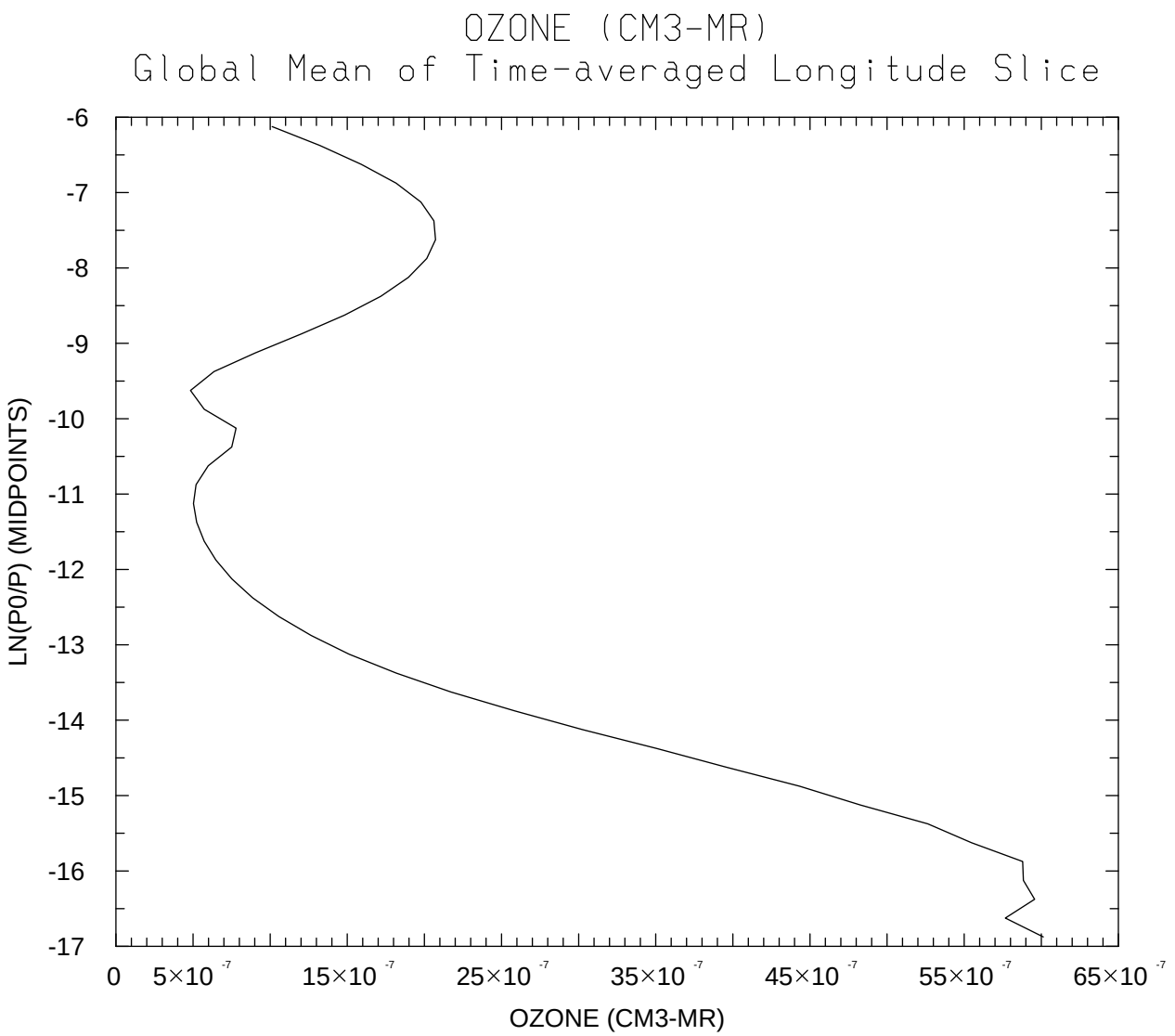
MIN,MAX= 0.8815E-06, 0.5893E-05
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)



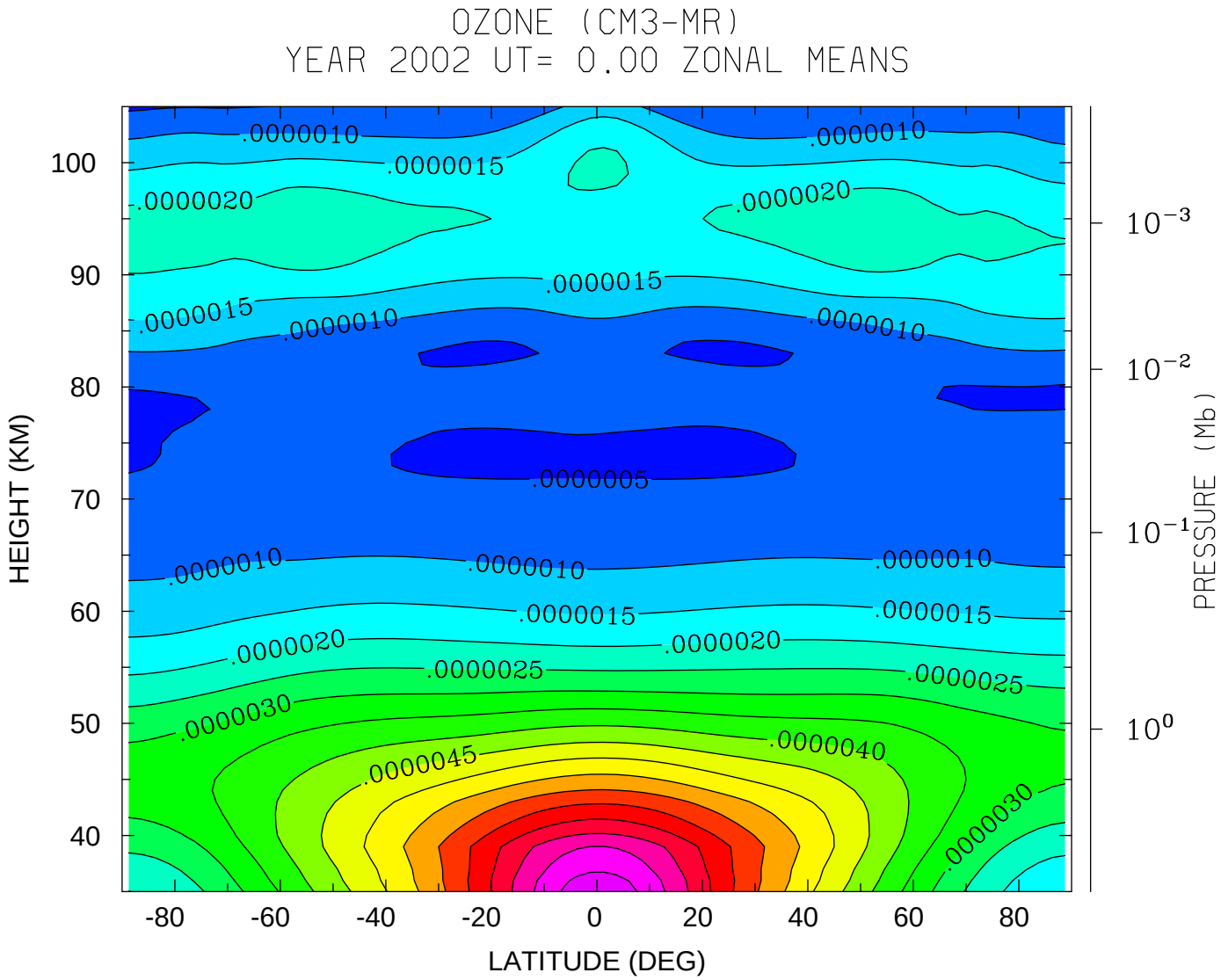
MIN,MAX= 3.0608E-07 8.8224E-06 INTERVAL= 5.0000E-07

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



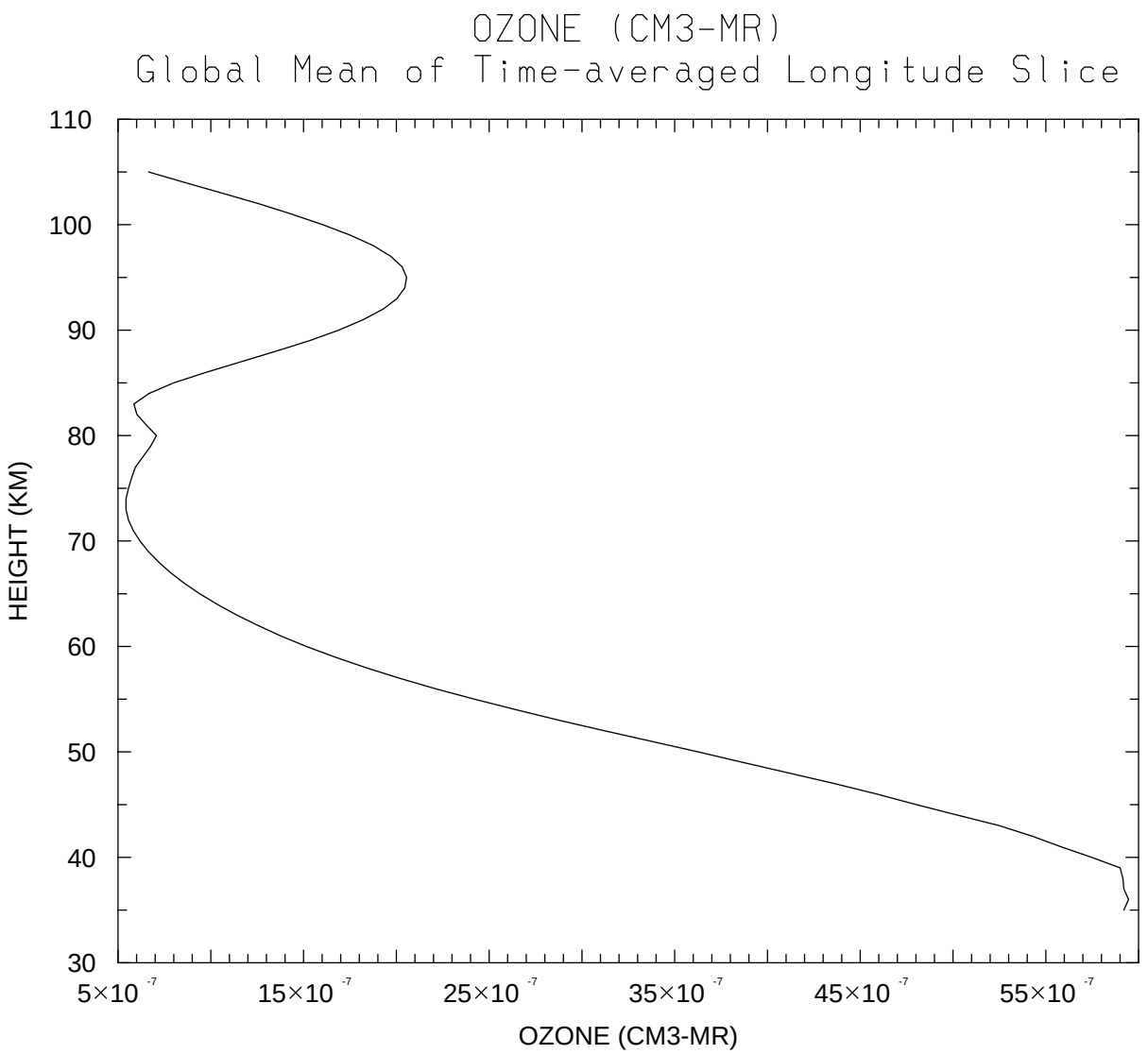
MIN,MAX= 0.4832E-06, 0.6013E-05
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS



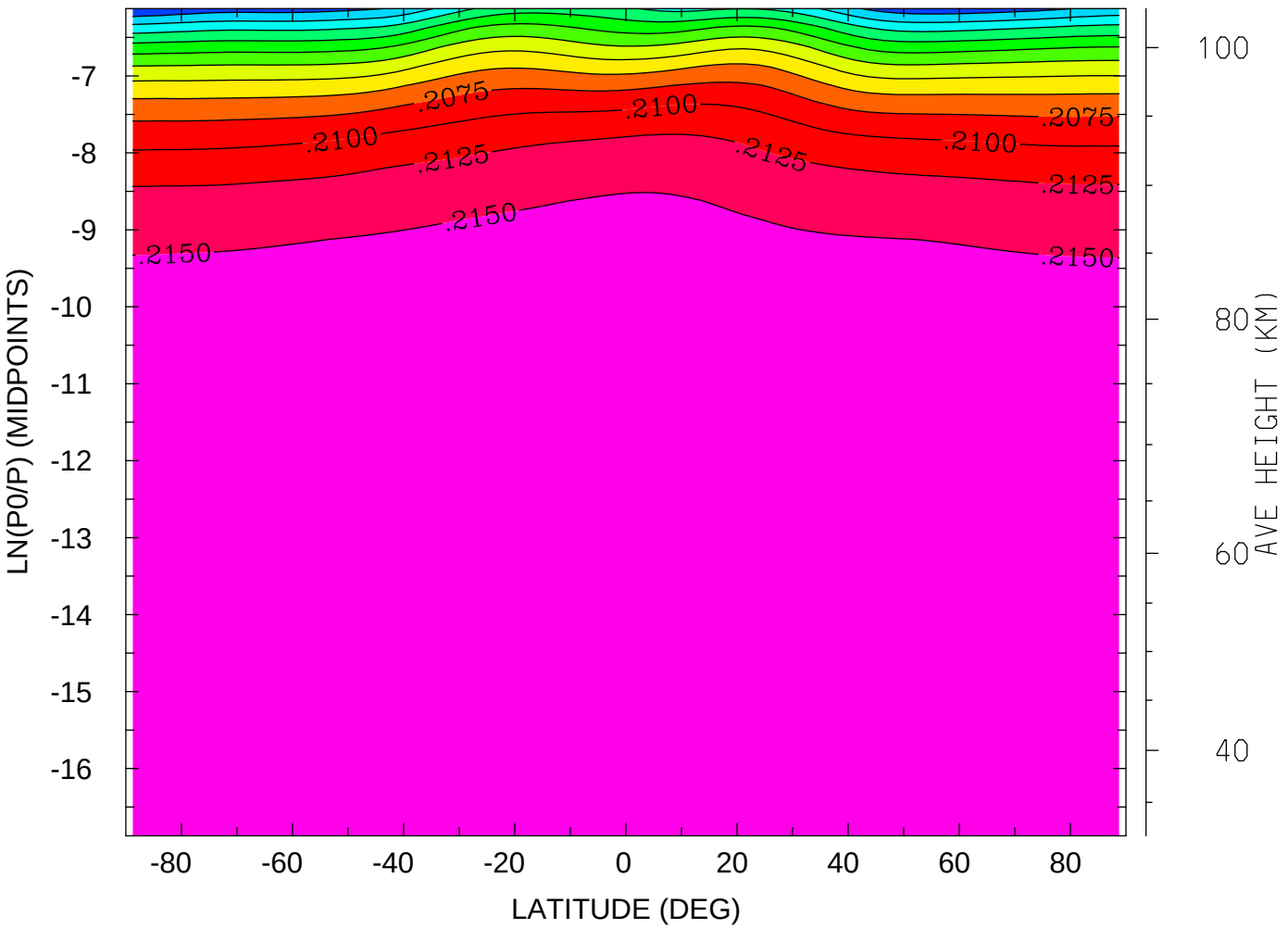
MIN,MAX= 3.8055E-07 8.7950E-06 INTERVAL= 5.0000E-07

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

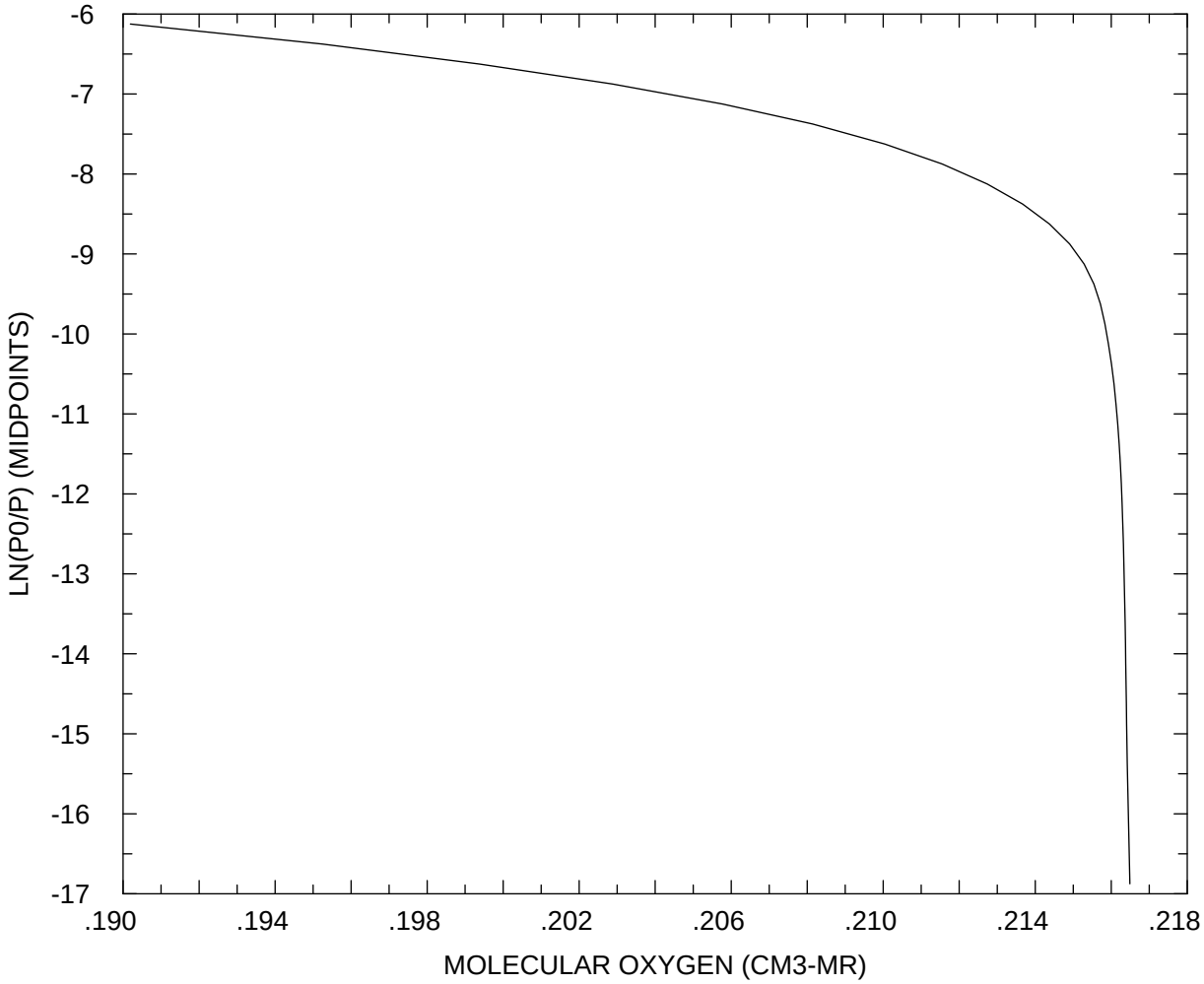

OZONE (CM3-MR)
Global Mean of Time-averaged Longitude Slice
110
100
90
80
70
60
50
40
30
HEIGHT (KM)
5×10 -7
15×10 -7
25×10 -7
35×10 -7
45×10 -7
55×10 -7
OZONE (CM3-MR)
MIN,MAX= 0.5426E-06, 0.5946E-05
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

MOLECULAR OXYGEN (CM3-MR)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



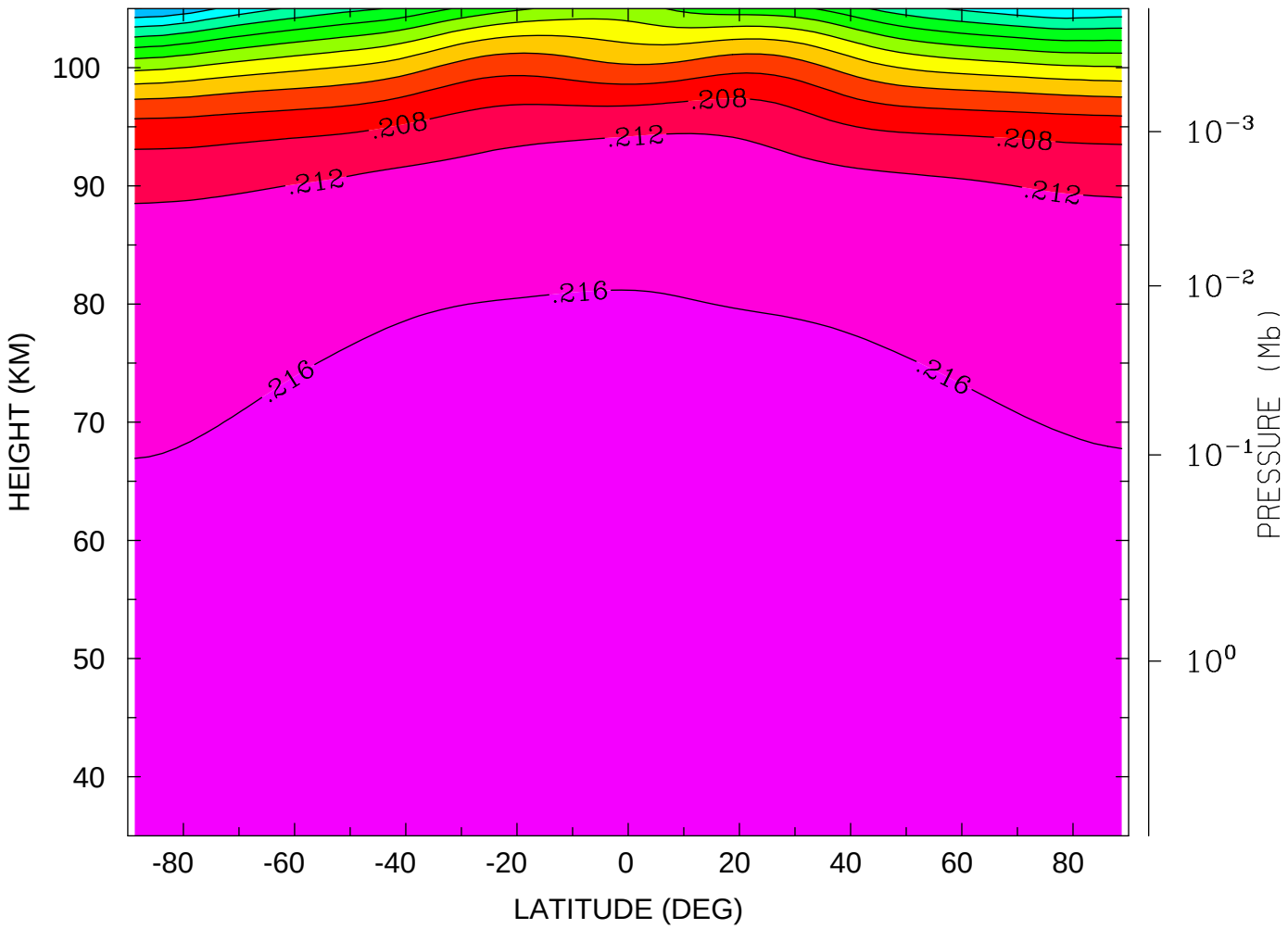
MIN,MAX= 1.8498E-01 2.1649E-01 INTERVAL= 2.5000E-03
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

MOLECULAR OXYGEN (CM3-MR)
Global Mean of Time-averaged Longitude Slice



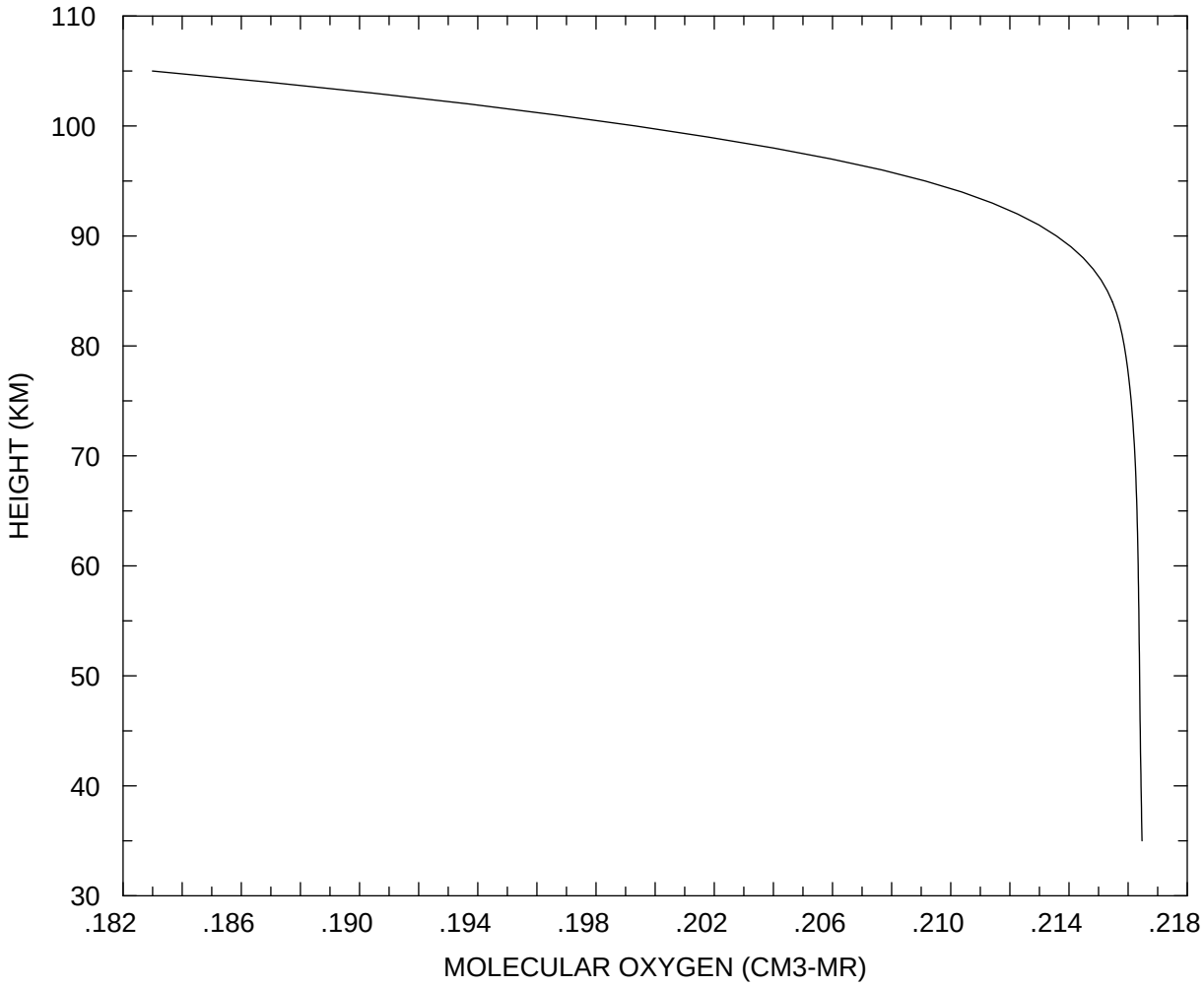
MIN,MAX= 0.1902E+00, 0.2165E+00
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

MOLECULAR OXYGEN (CM3-MR)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)

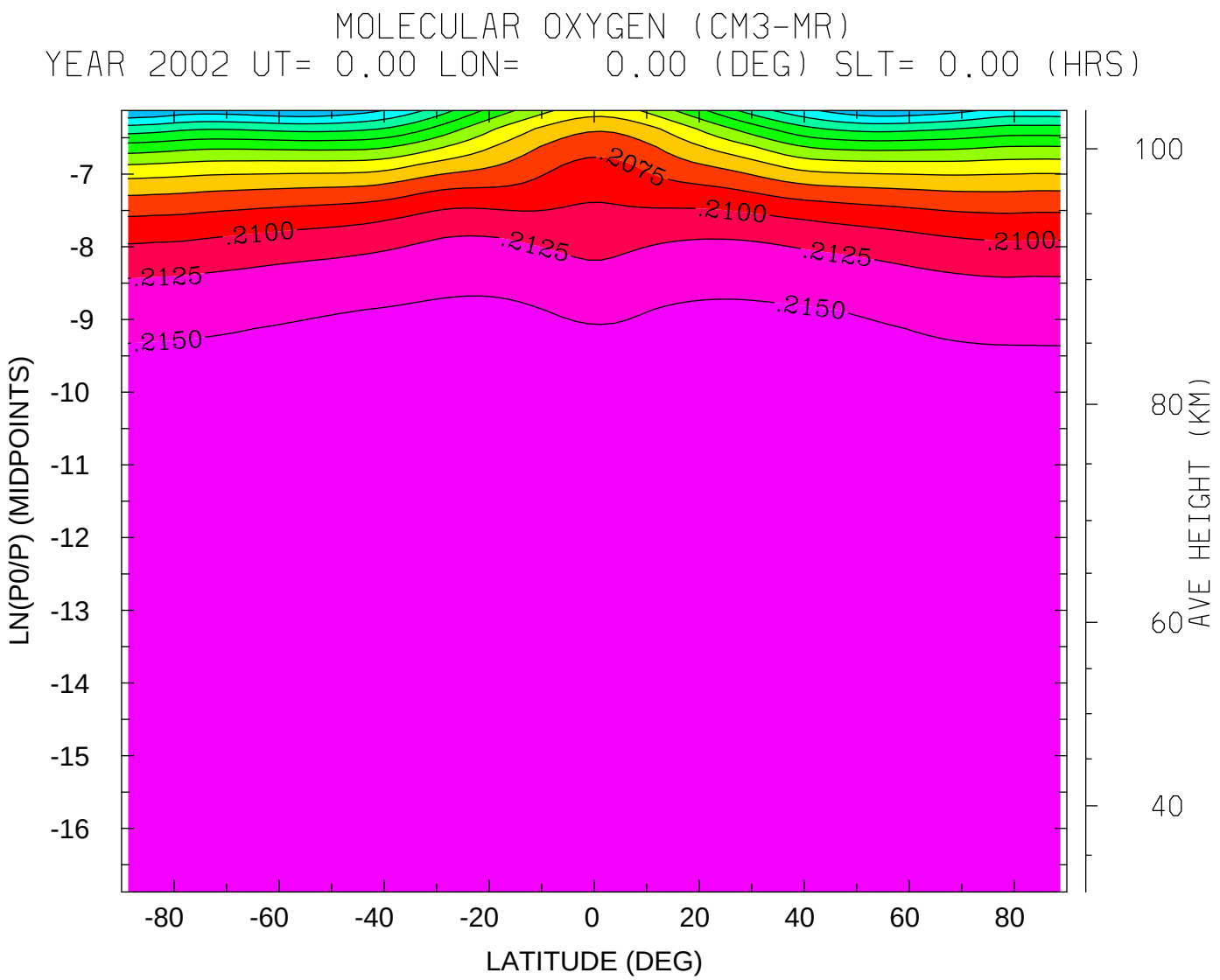


MIN,MAX= 1.6787E-01 2.1648E-01 INTERVAL= 4.0000E-03
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

MOLECULAR OXYGEN (CM3-MR)
Global Mean of Time-averaged Longitude Slice



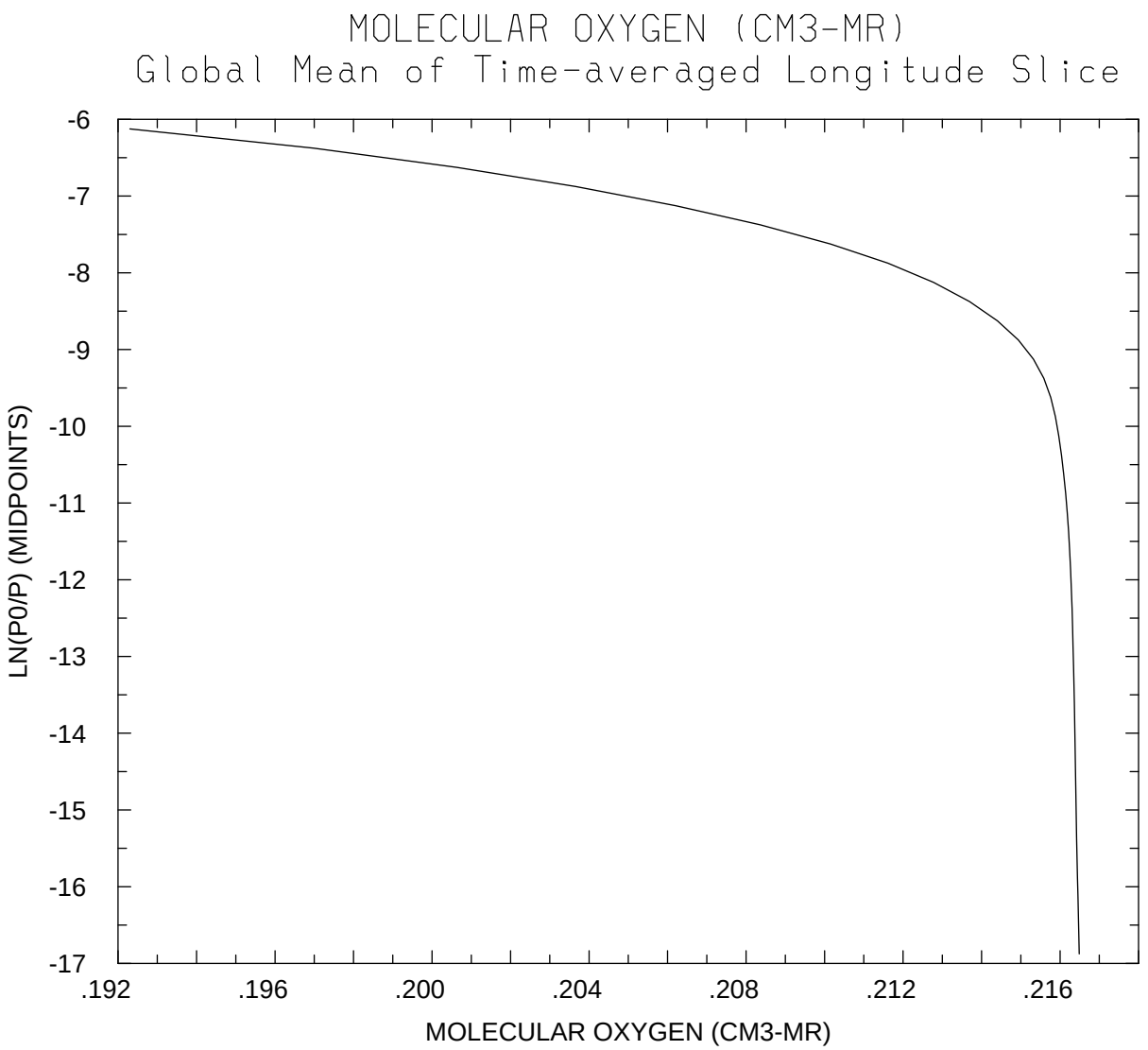
MIN,MAX= 0.1830E+00, 0.2165E+00
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)



MIN,MAX= 1.8496E-01 2.1649E-01 INTERVAL= 2.5000E-03

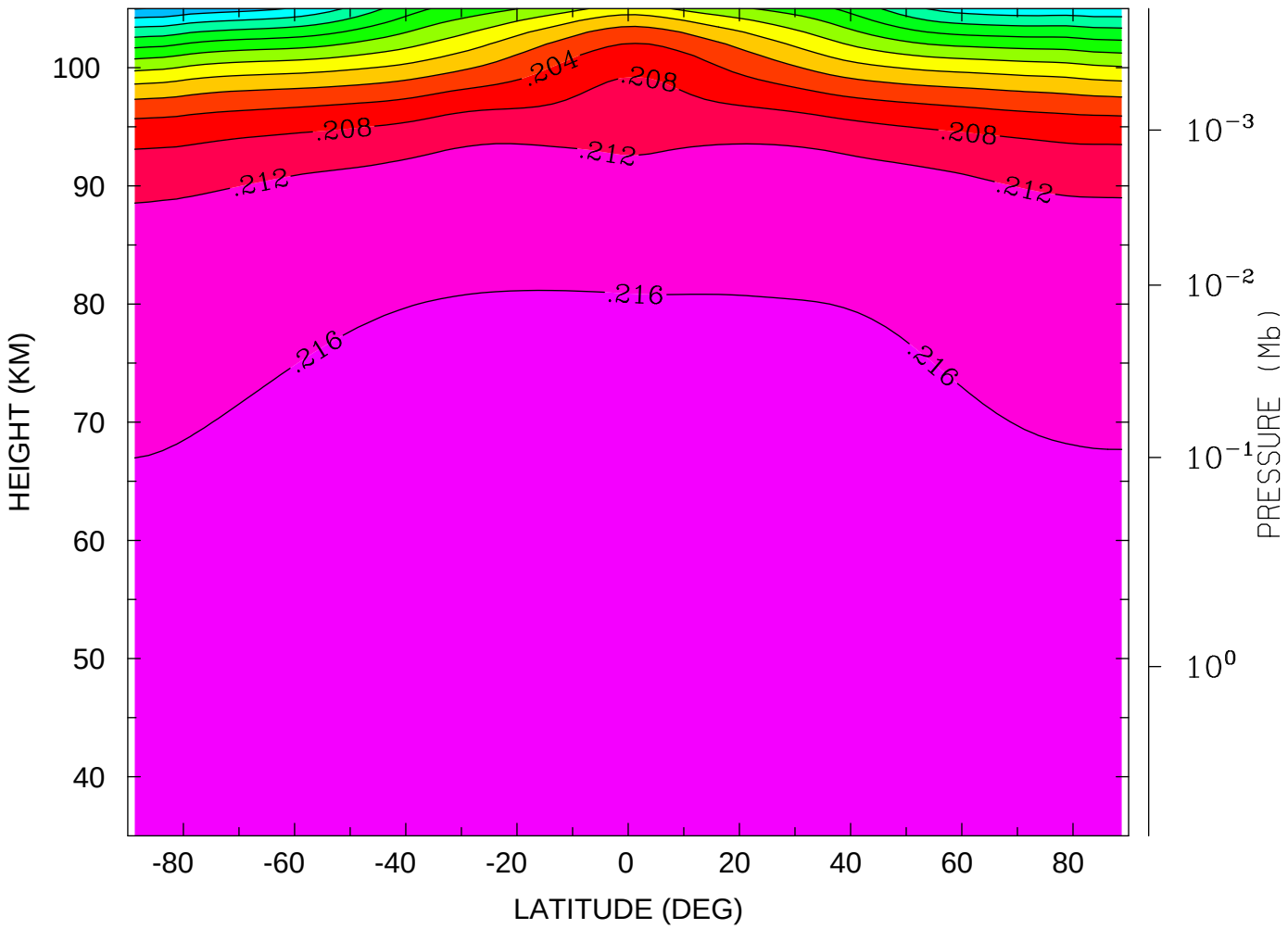
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



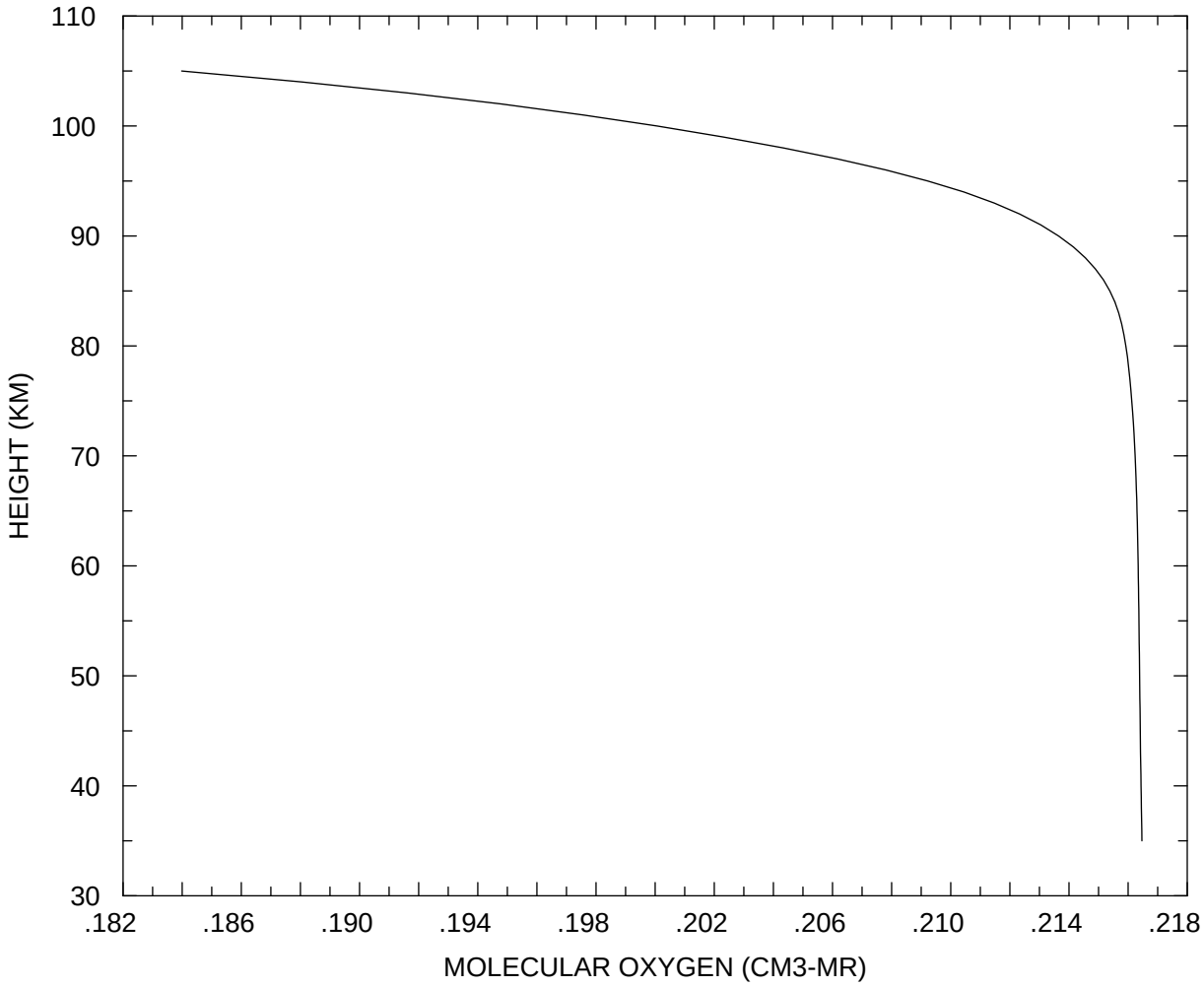
MIN,MAX= 0.1923E+00, 0.2165E+00
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

MOLECULAR OXYGEN (CM3-MR)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)

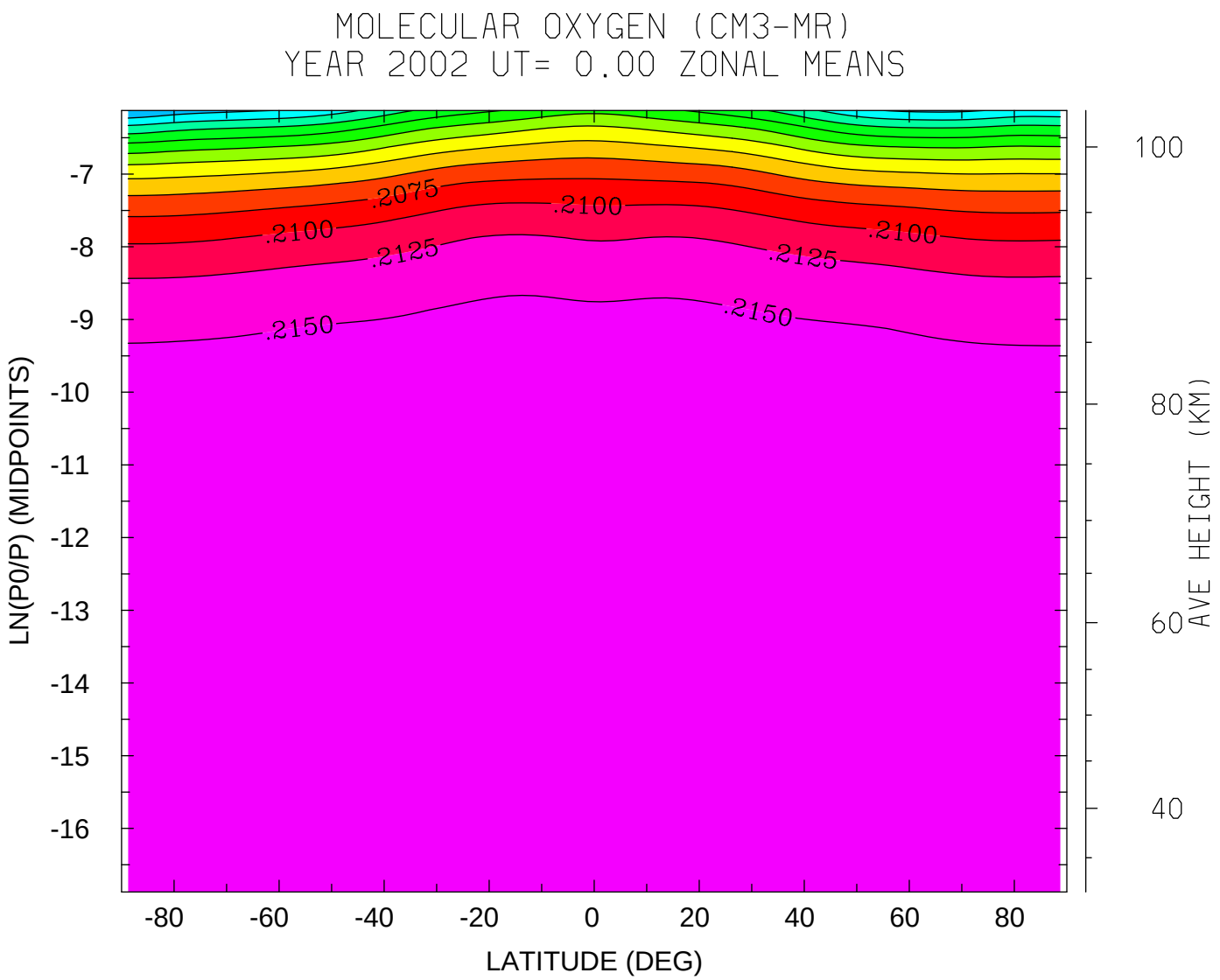


MIN,MAX= 1.6783E-01 2.1648E-01 INTERVAL= 4.0000E-03
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

MOLECULAR OXYGEN (CM3-MR)
Global Mean of Time-averaged Longitude Slice



MIN,MAX= 0.1840E+00, 0.2165E+00
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

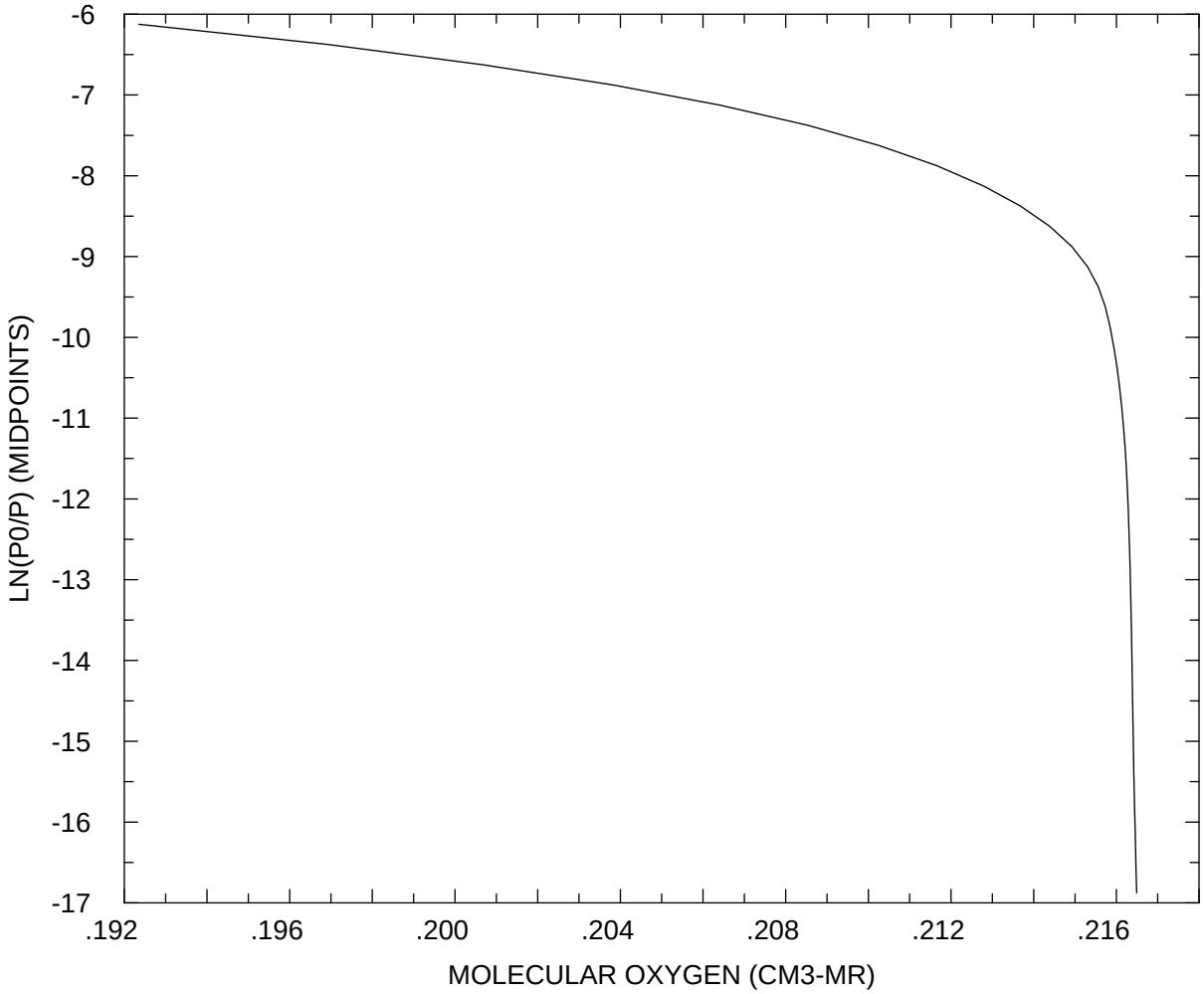


MIN,MAX= 1.8496E-01 2.1649E-01 INTERVAL= 2.5000E-03

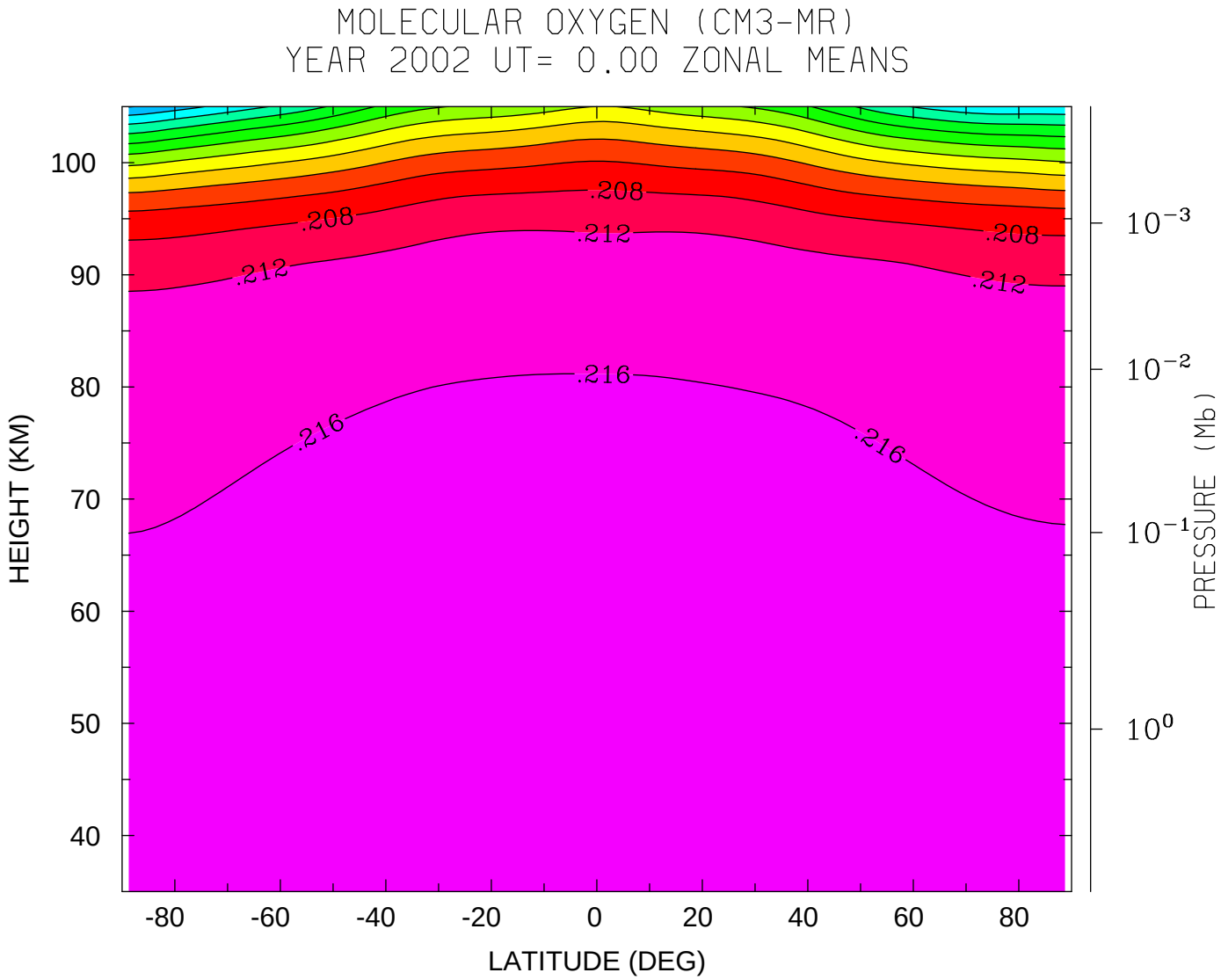
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

MOLECULAR OXYGEN (CM3-MR)
Global Mean of Time-averaged Longitude Slice



MIN,MAX= 0.1924E+00, 0.2165E+00
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

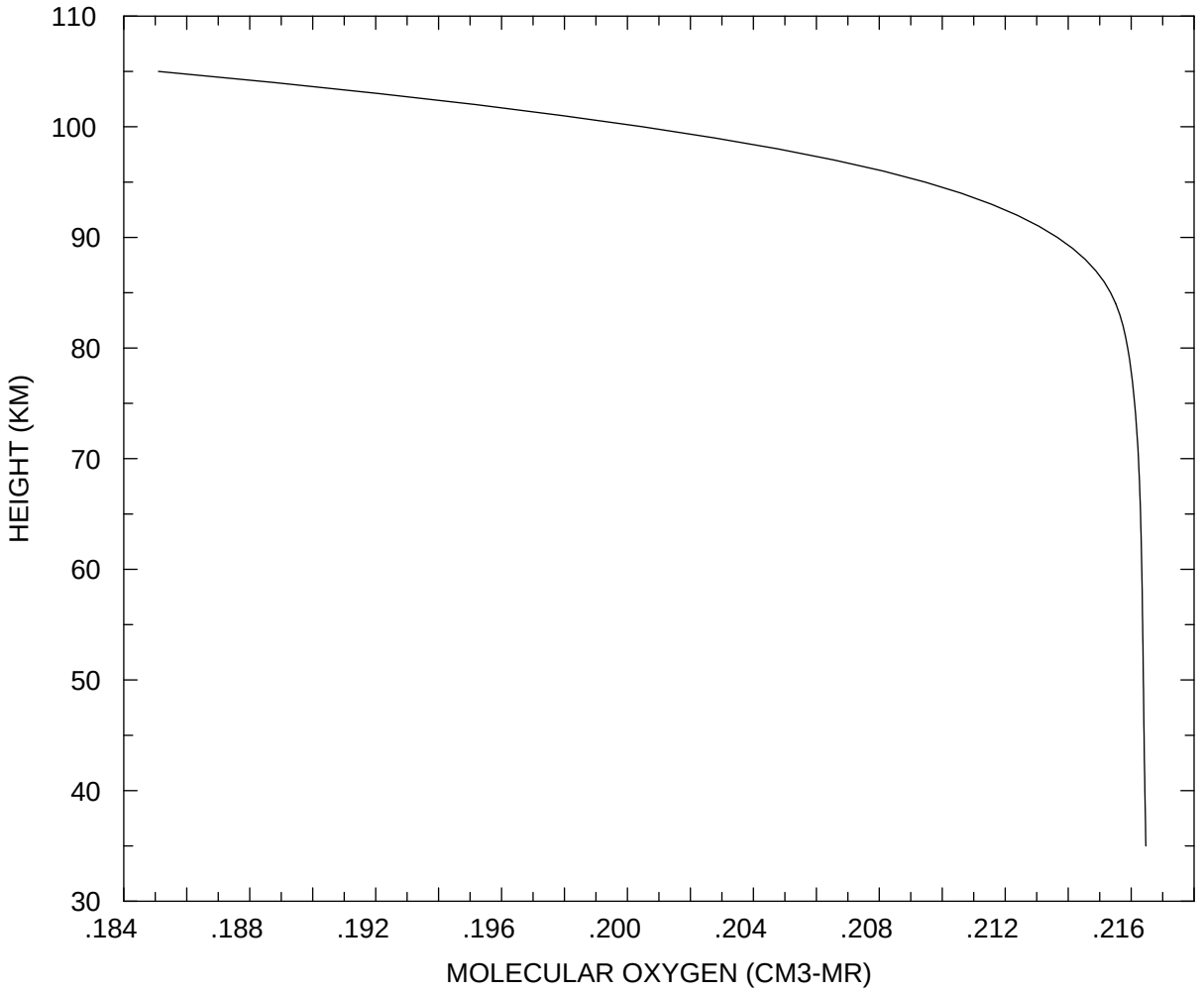


MIN,MAX= 1.6782E-01 2.1648E-01 INTERVAL= 4.0000E-03

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

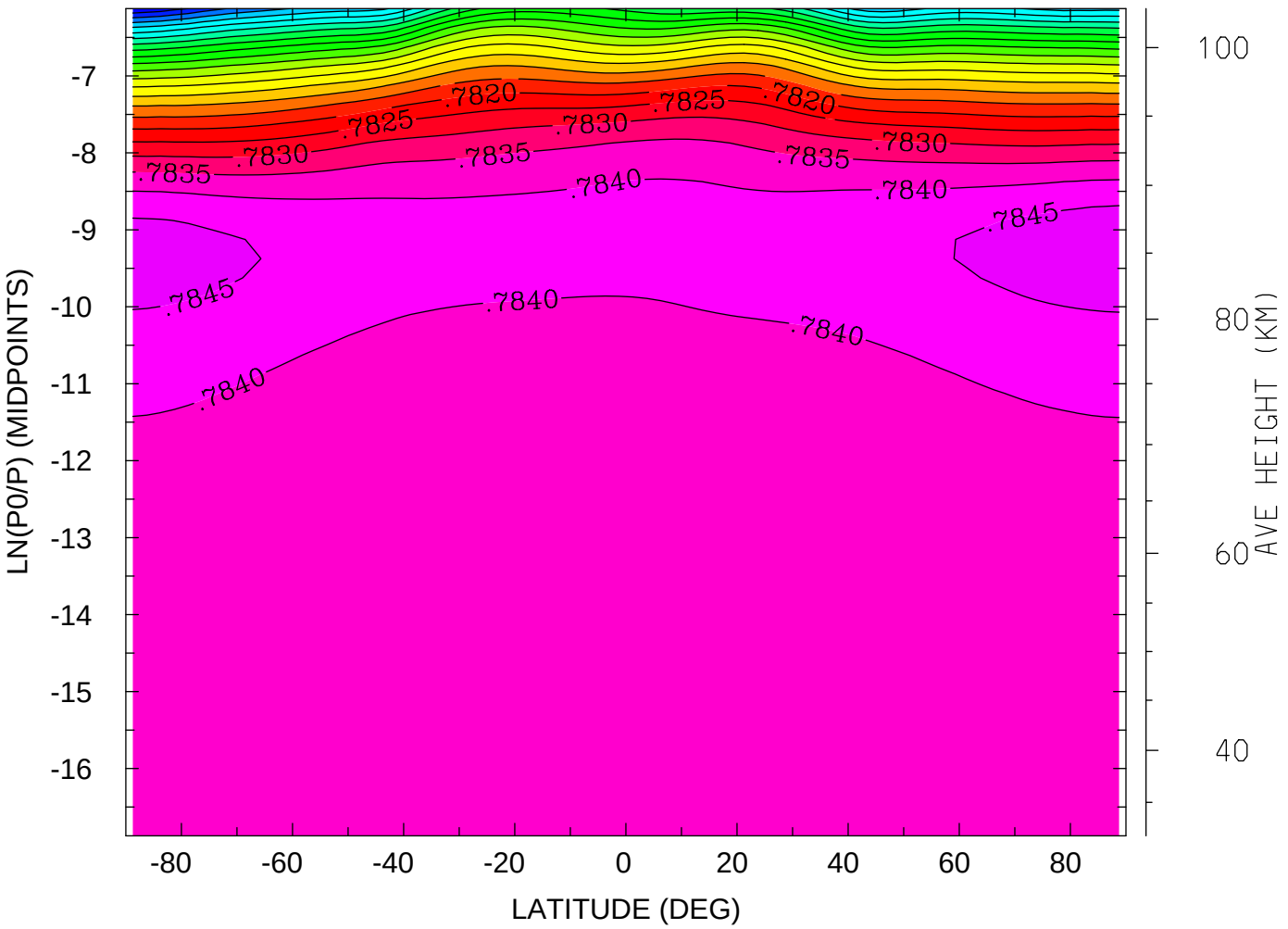
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

MOLECULAR OXYGEN (CM3-MR)
Global Mean of Time-averaged Longitude Slice

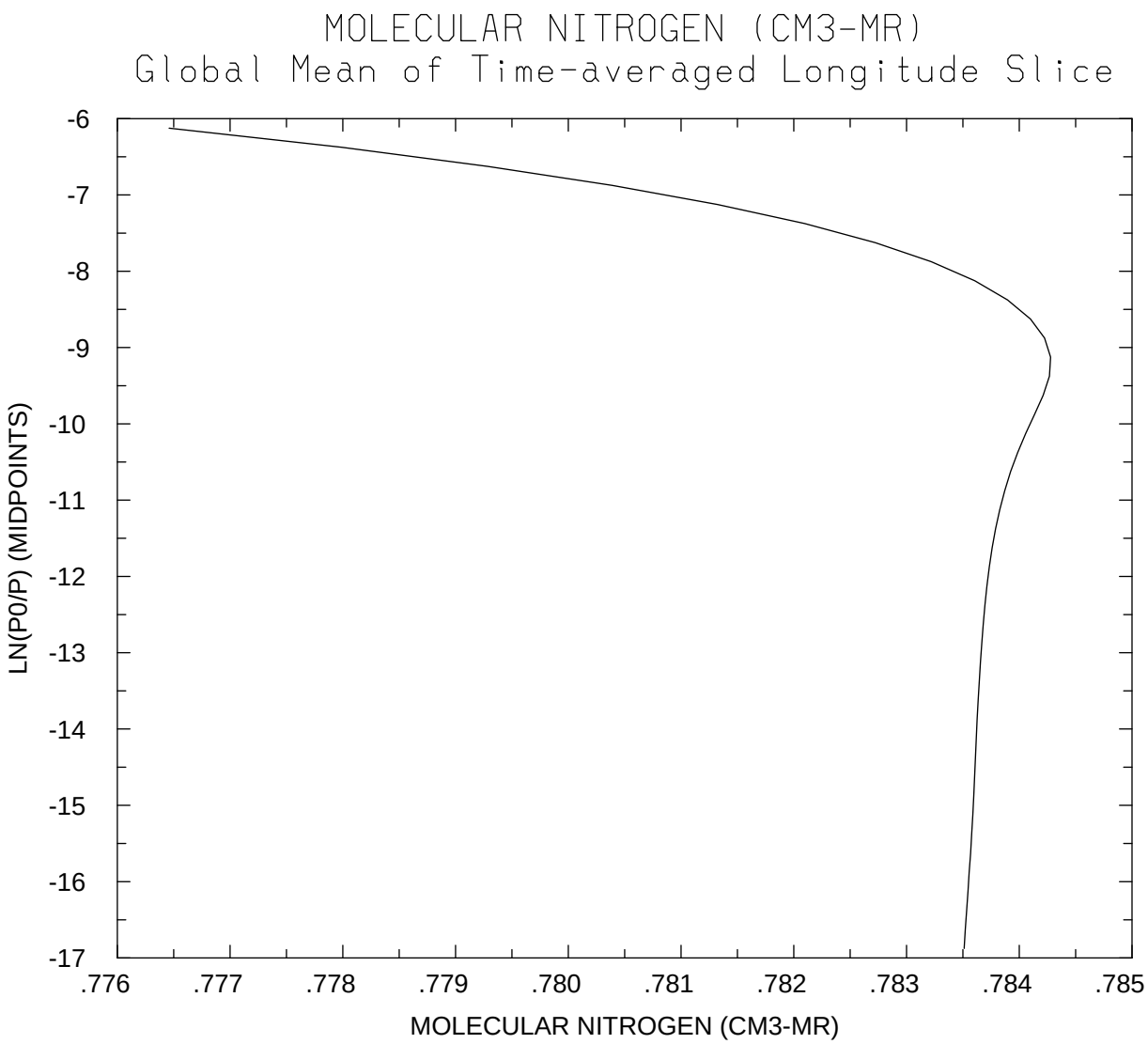


MIN,MAX= 0.1851E+00, 0.2165E+00
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

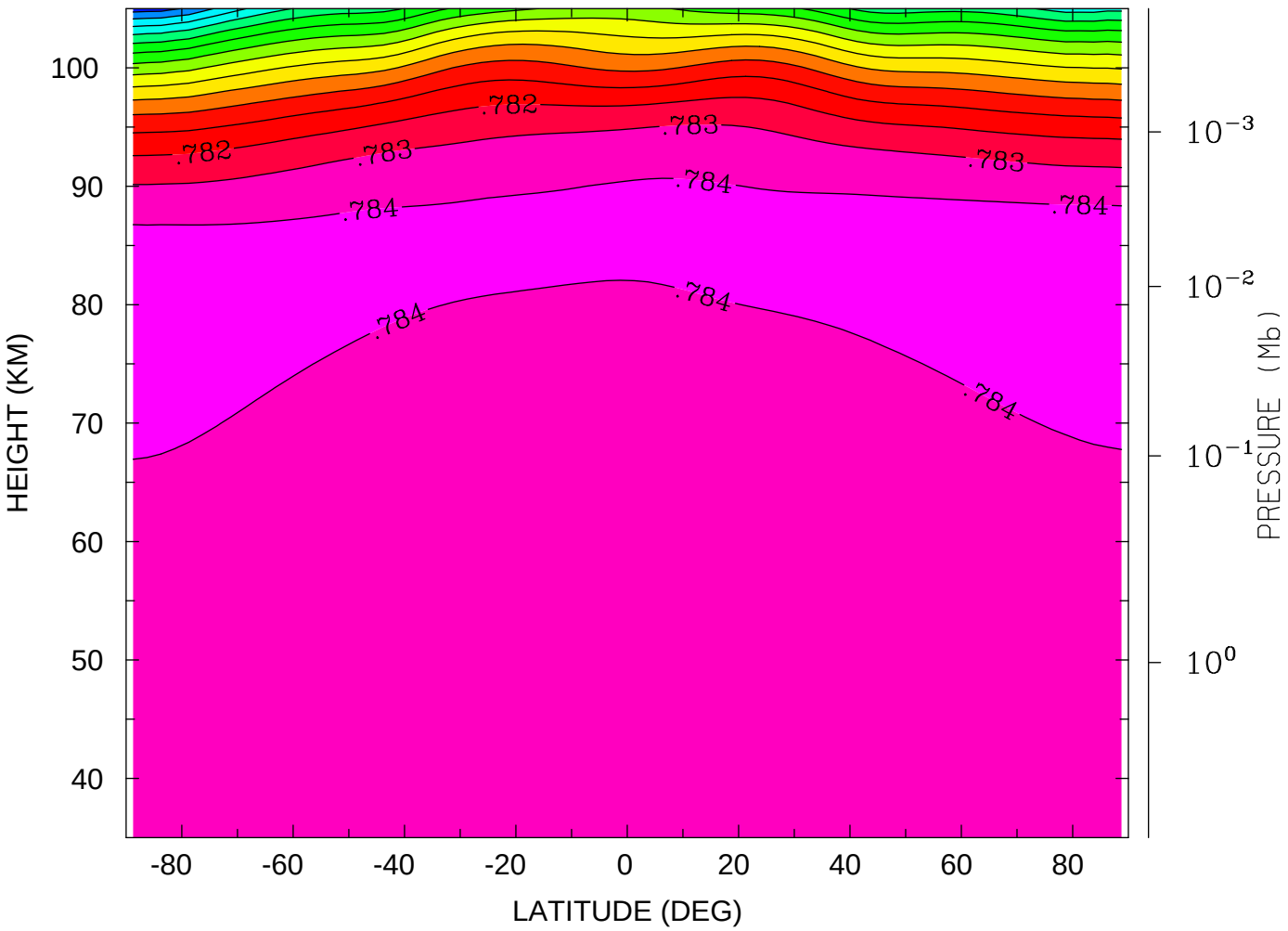
MOLECULAR NITROGEN (CM3-MR)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= 7.7354E-01 7.8481E-01 INTERVAL= 5.0000E-04
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

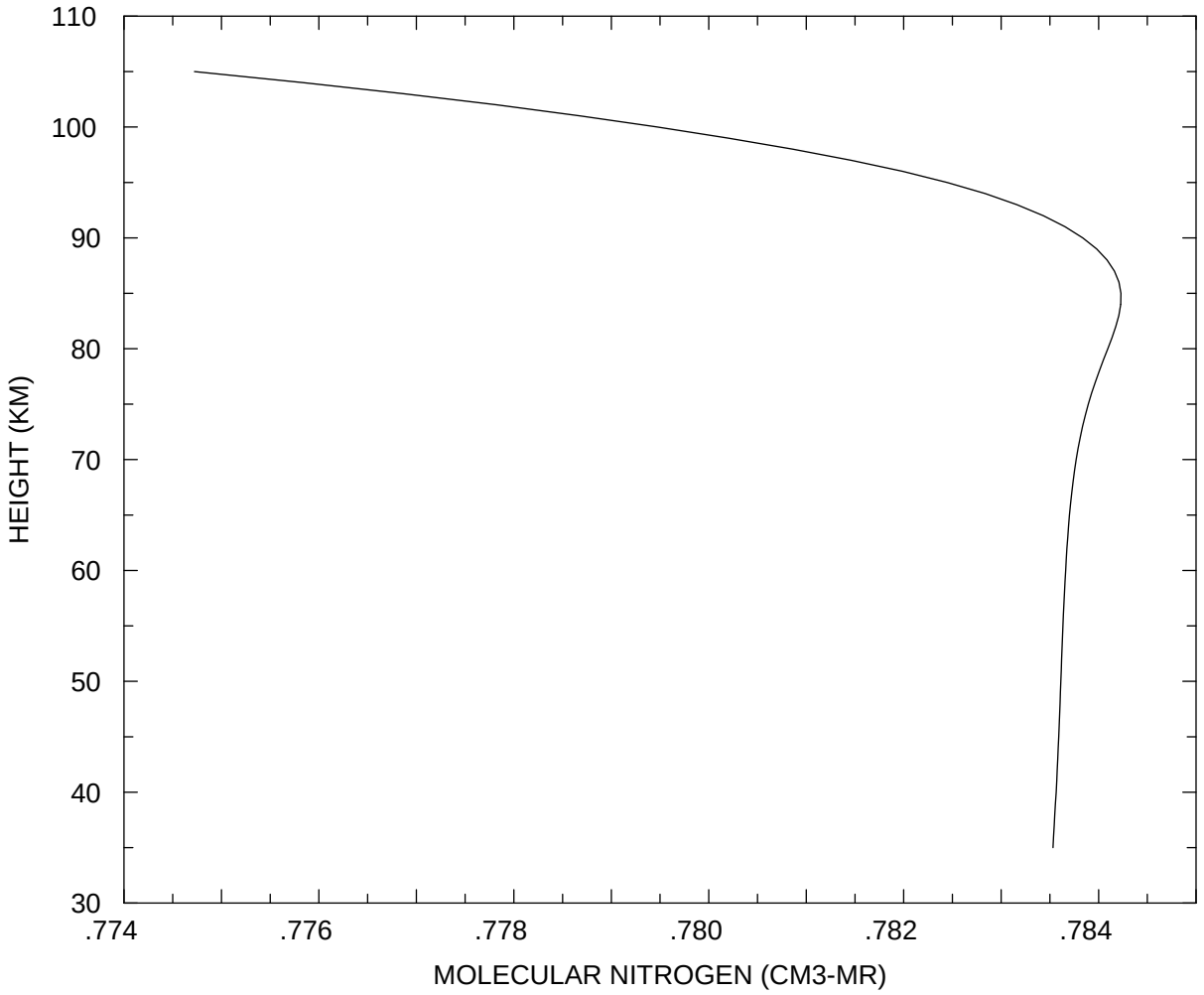

MOLECULAR NITROGEN (CM3-MR)
Global Mean of Time-averaged Longitude Slice
LN(P0/P) (MIDPOINTS)
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
.776
.777
.778
.779
.780
.781
.782
.783
.784
.785
MOLECULAR NITROGEN (CM3-MR)
MIN,MAX= 0.7765E+00, 0.7843E+00
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

MOLECULAR NITROGEN (CM3-MR)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)

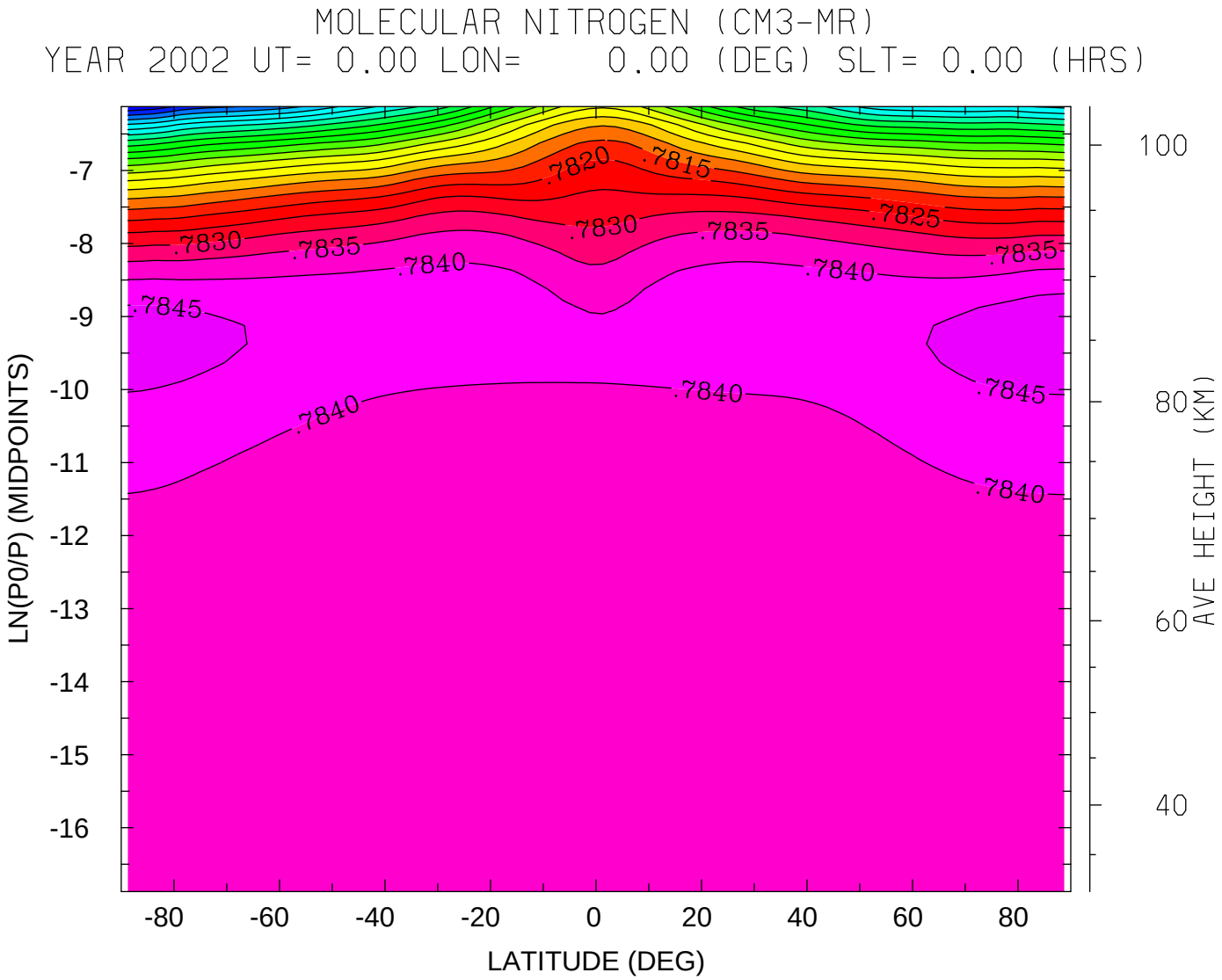


MIN,MAX= 7.6950E-01 7.8474E-01 INTERVAL= 1.0000E-03
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

MOLECULAR NITROGEN (CM3-MR)
Global Mean of Time-averaged Longitude Slice



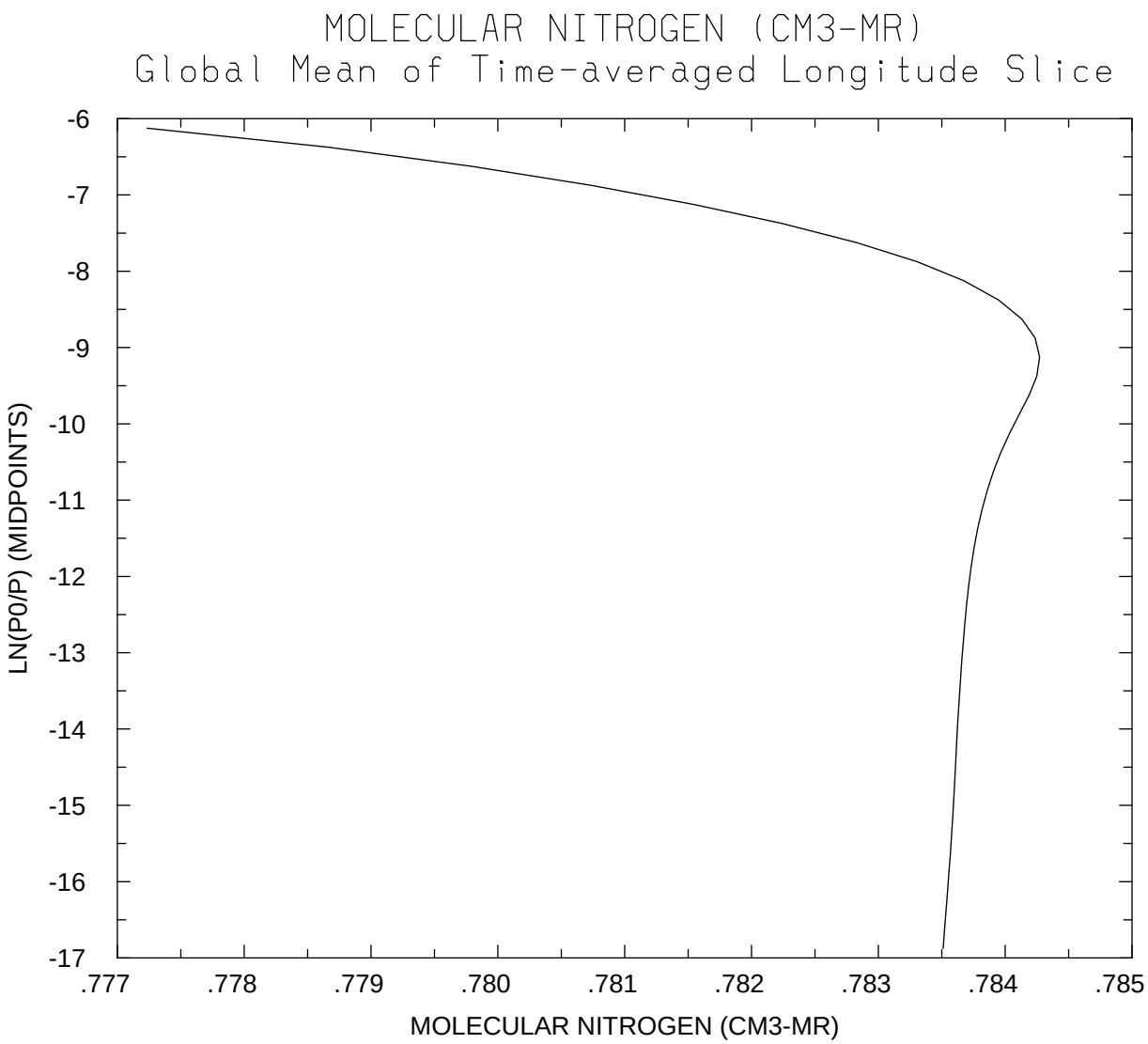
MIN,MAX= 0.7747E+00, 0.7842E+00
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)



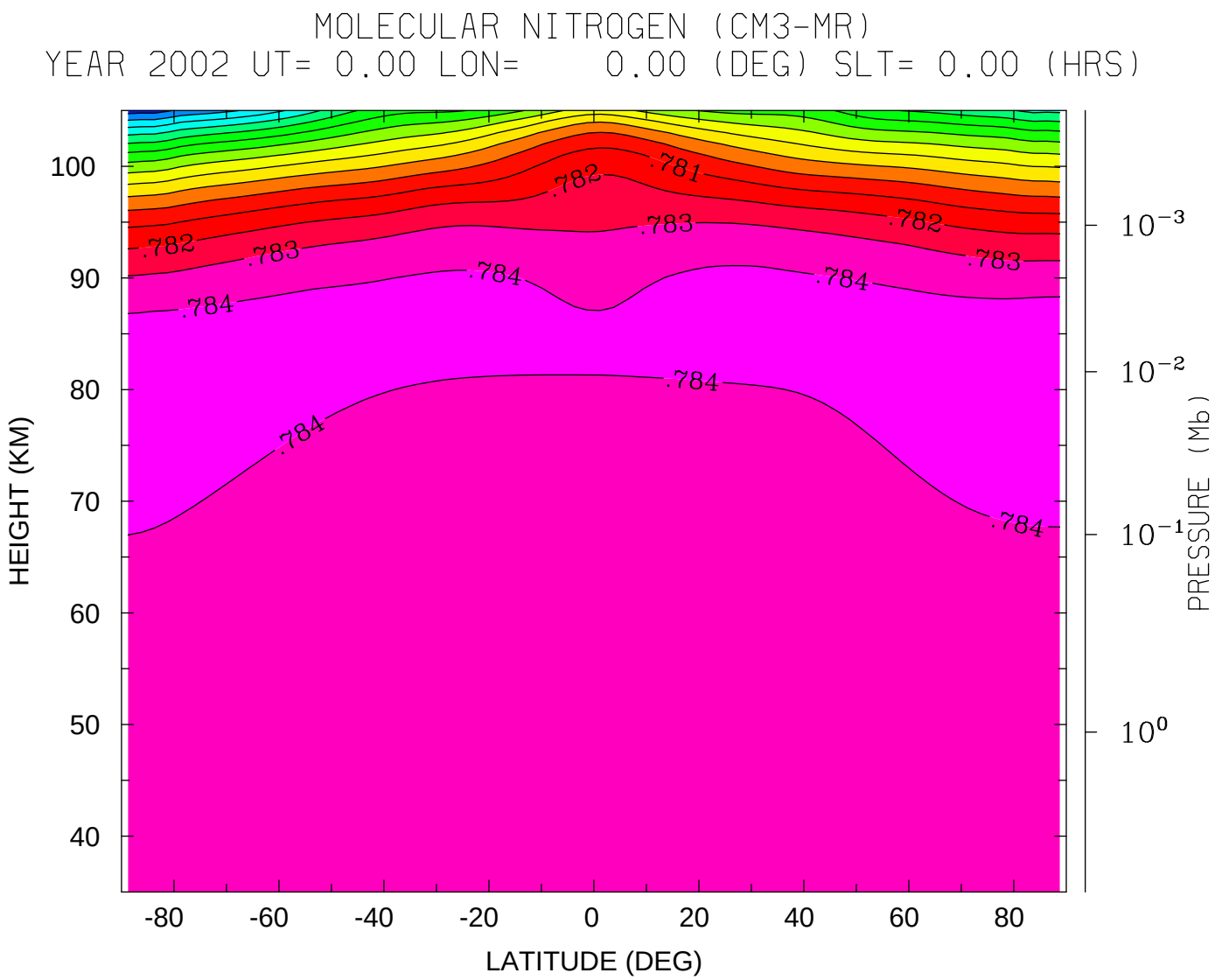
MIN,MAX= 7.7354E-01 7.8481E-01 INTERVAL= 5.0000E-04

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



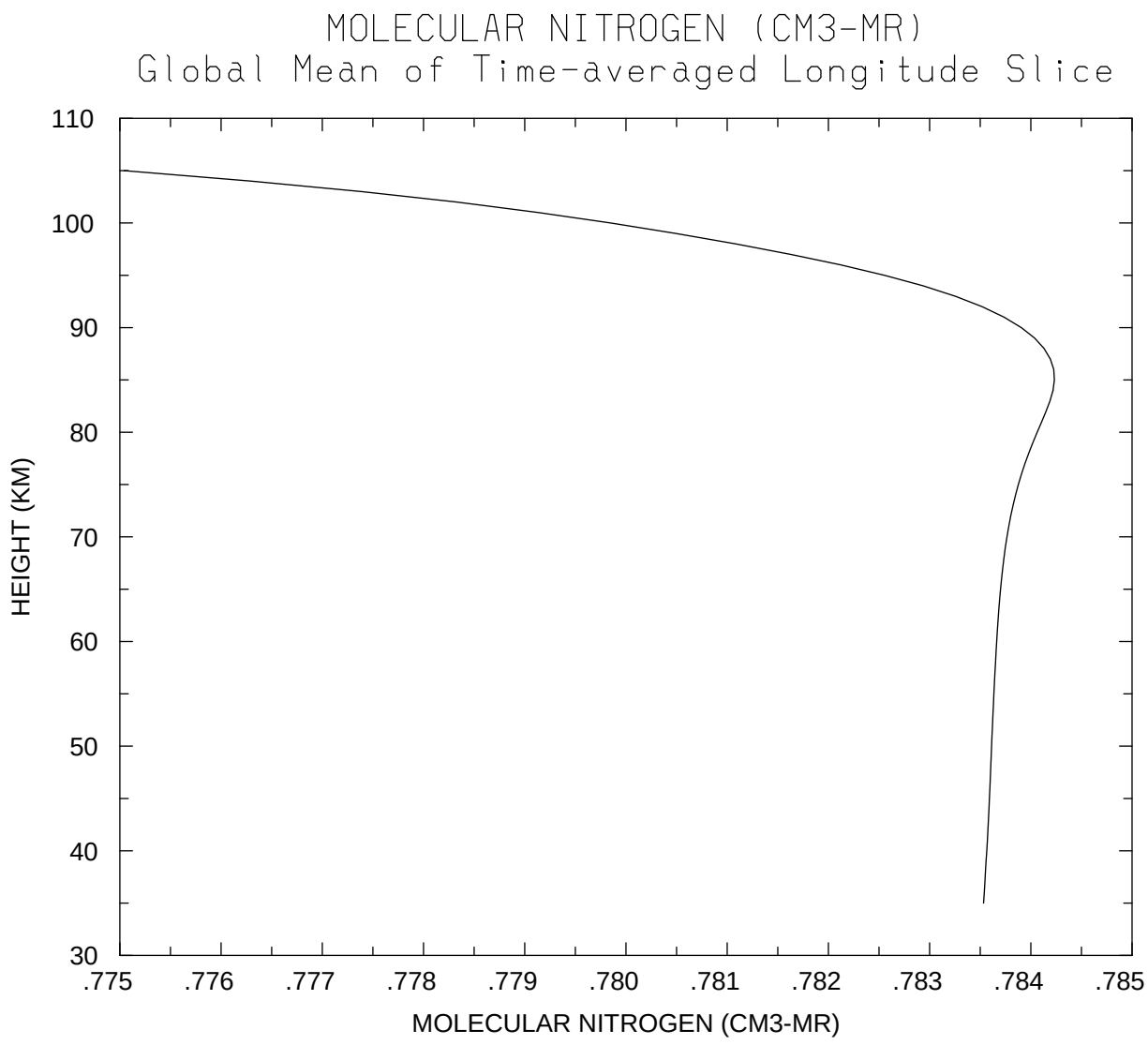
MIN,MAX= 0.7772E+00, 0.7843E+00
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)



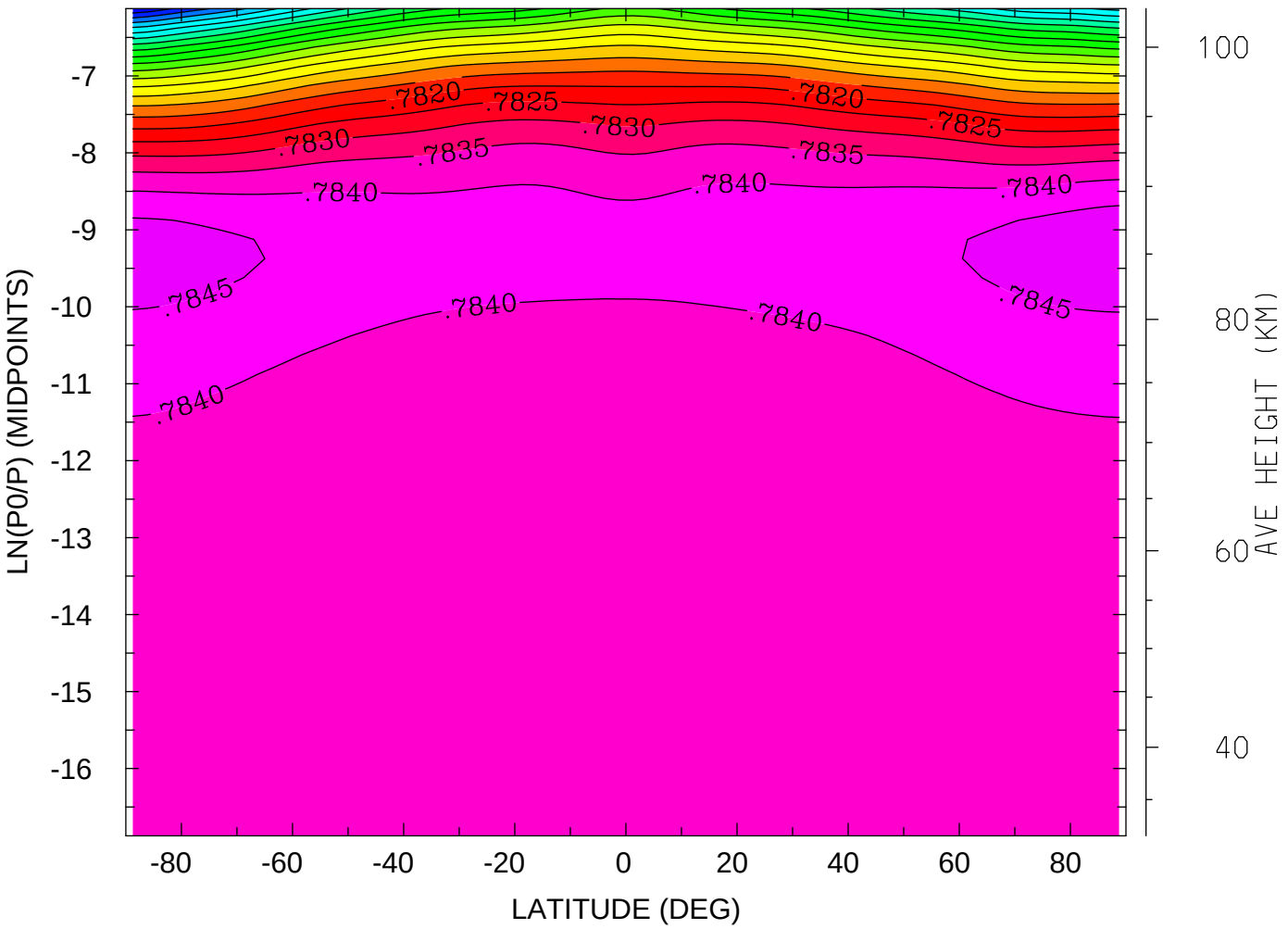
MIN,MAX= 7.6950E-01 7.8474E-01 INTERVAL= 1.0000E-03

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

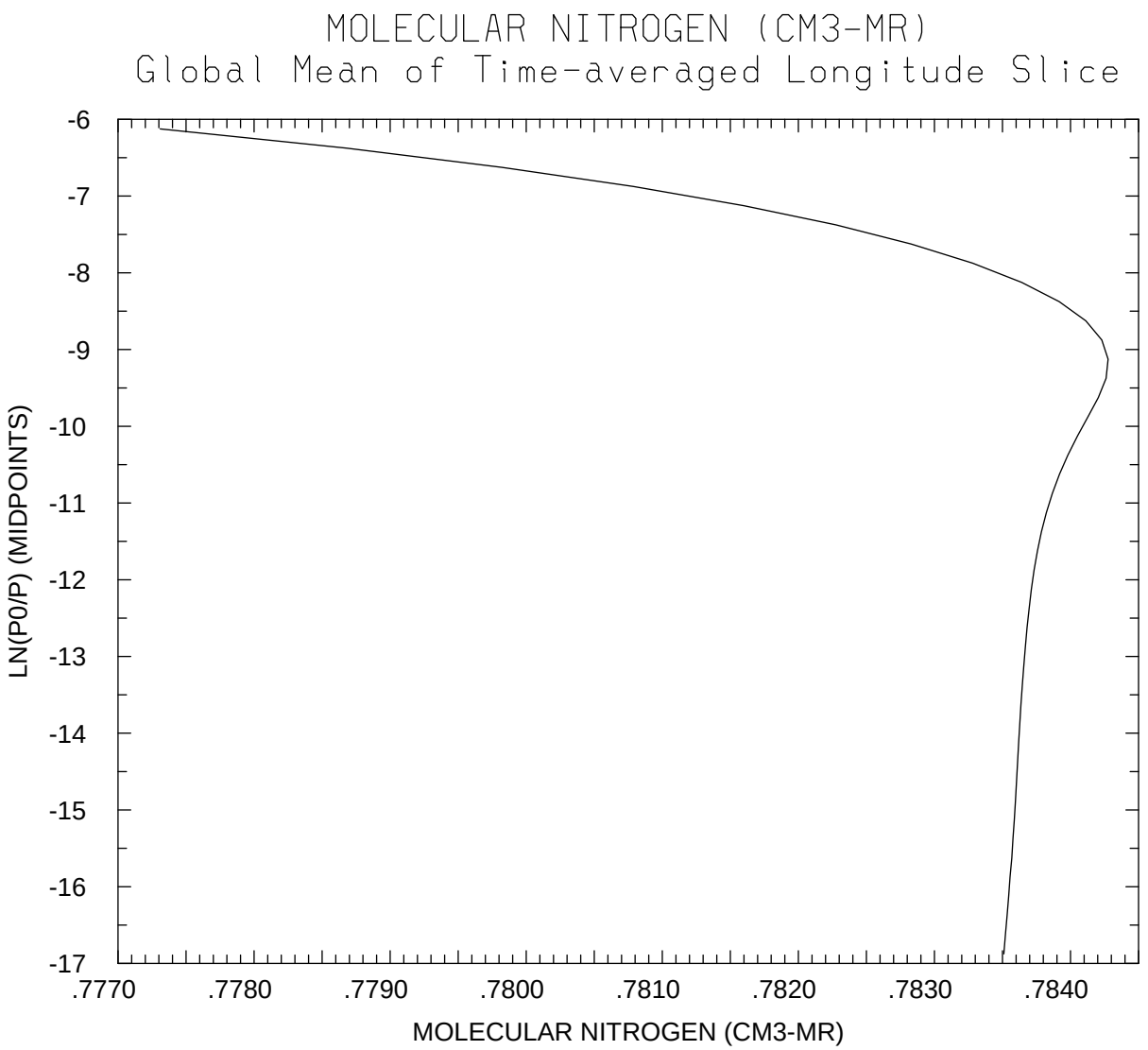
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc


MOLECULAR NITROGEN (CM3-MR)
Global Mean of Time-averaged Longitude Slice
110
100
90
80
70
60
50
40
30
HEIGHT (KM)
.775
.776
.777
.778
.779
.780
.781
.782
.783
.784
.785
MOLECULAR NITROGEN (CM3-MR)
MIN,MAX= 0.7750E+00, 0.7842E+00
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

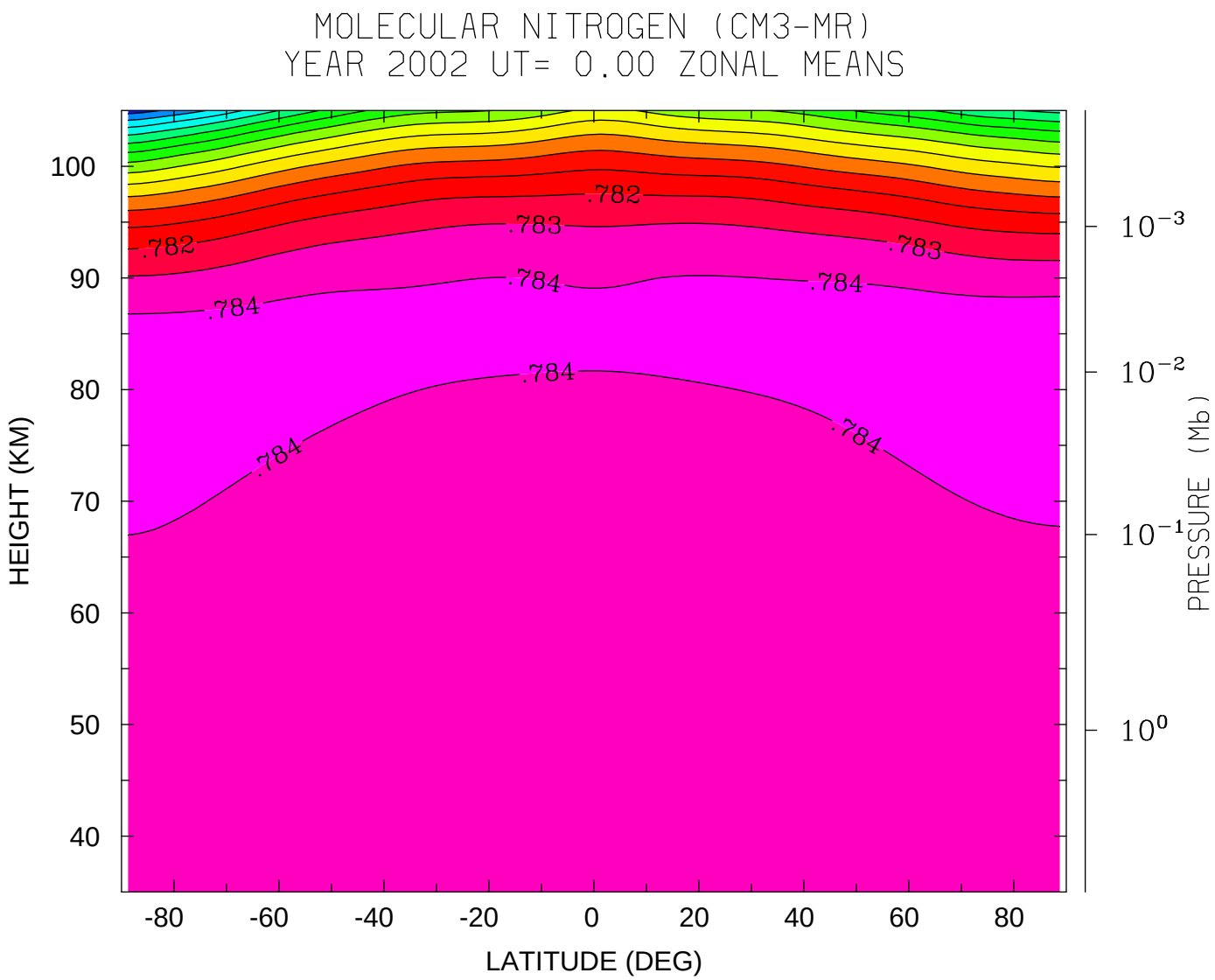
MOLECULAR NITROGEN (CM3-MR)
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= 7.7353E-01 7.8481E-01 INTERVAL= 5.0000E-04
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



MIN,MAX= 0.7773E+00, 0.7843E+00
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

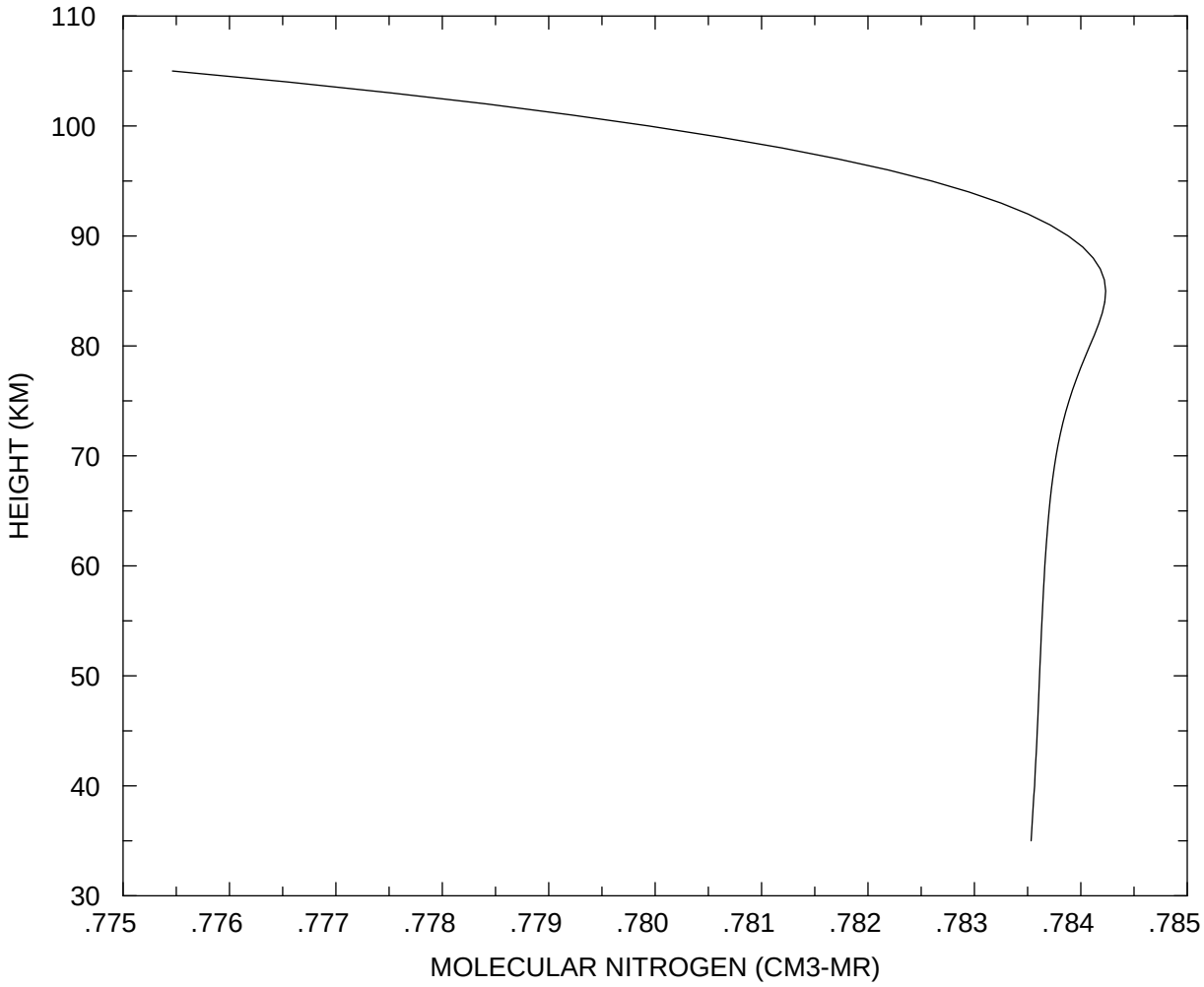


MIN,MAX= 7.6949E-01 7.8474E-01 INTERVAL= 1.0000E-03

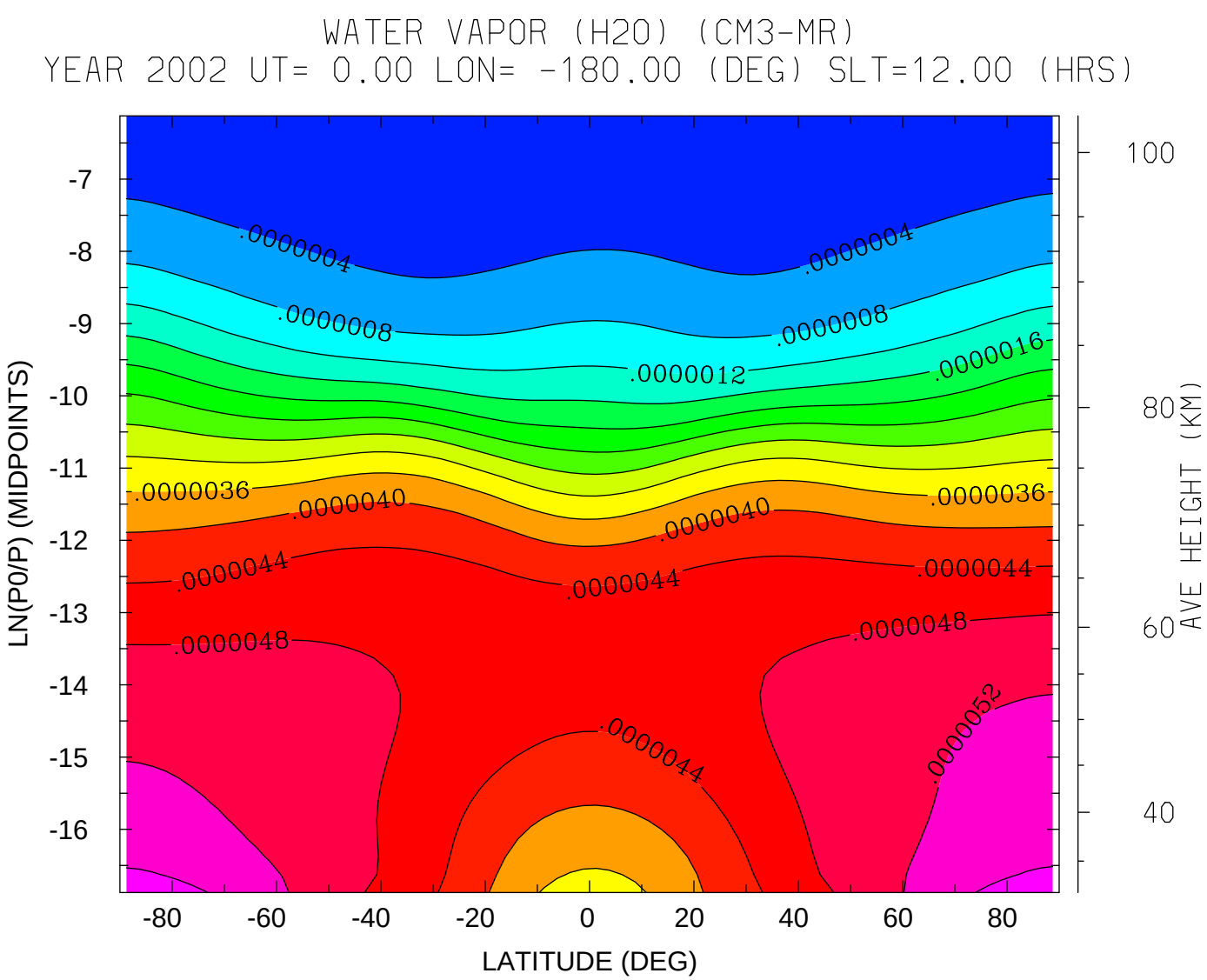
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

MOLECULAR NITROGEN (CM3-MR)
Global Mean of Time-averaged Longitude Slice



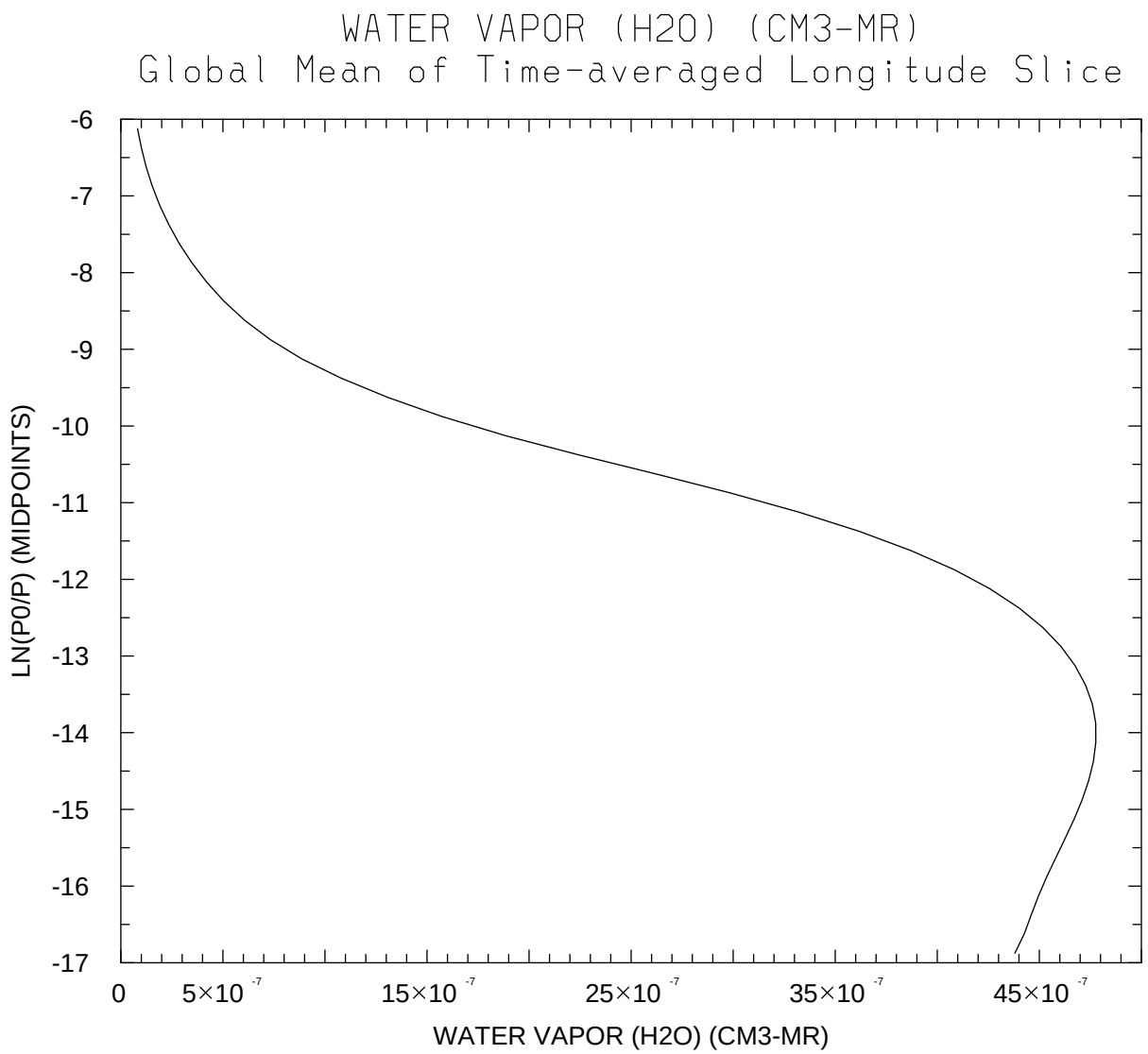
MIN,MAX= 0.7755E+00, 0.7842E+00
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

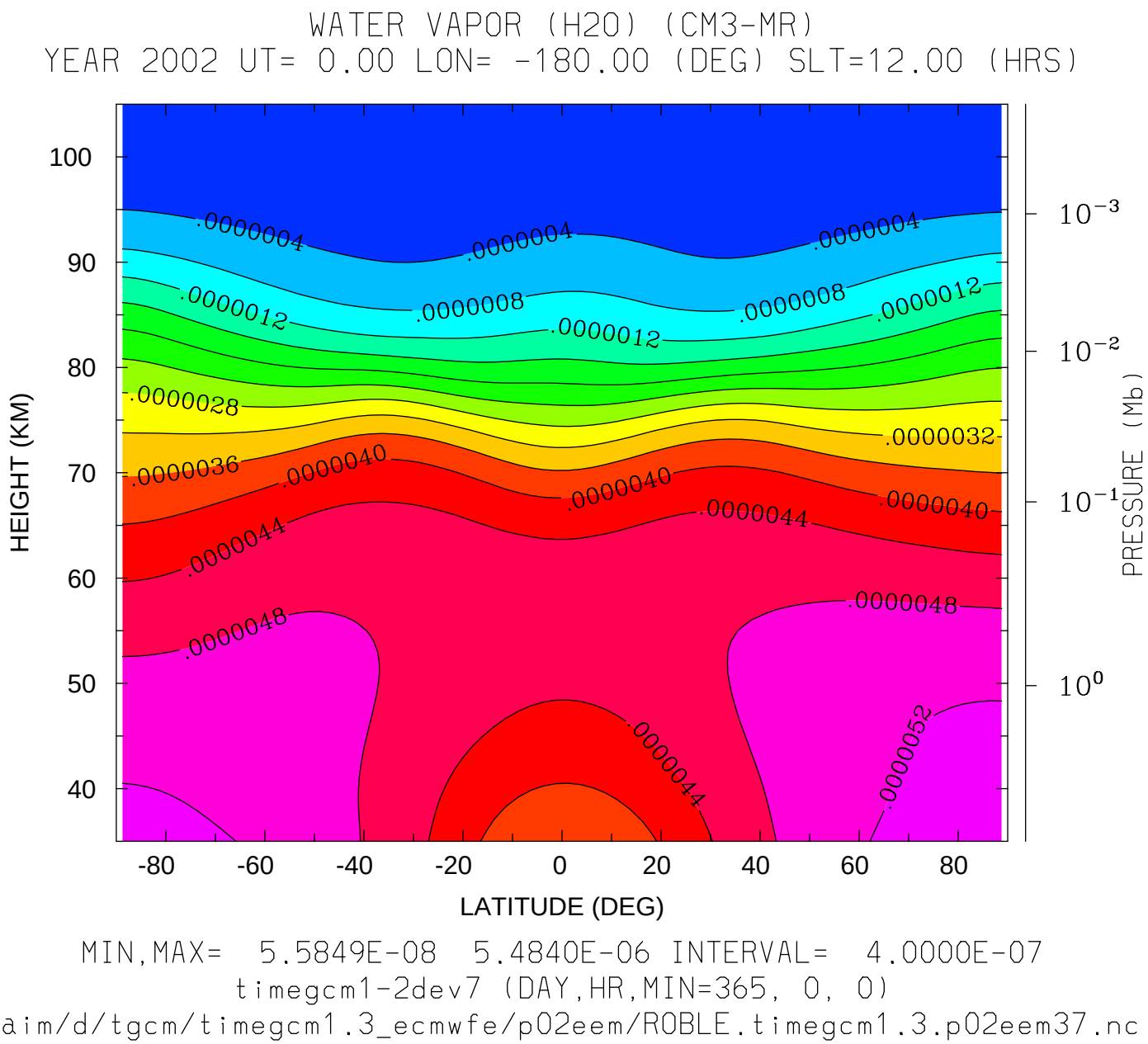


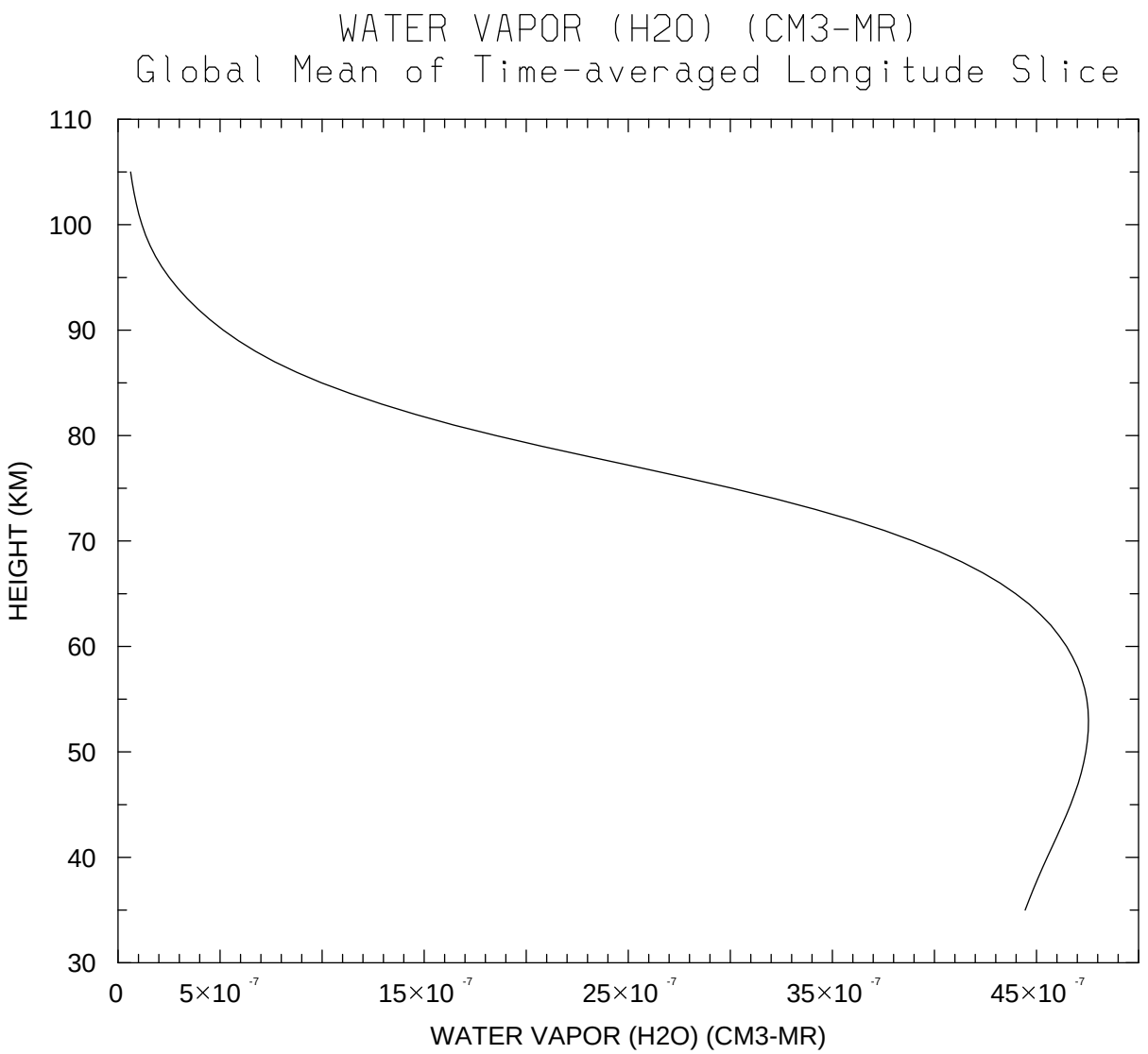
MIN,MAX= 7.2077E-08 5.8020E-06 INTERVAL= 4.0000E-07

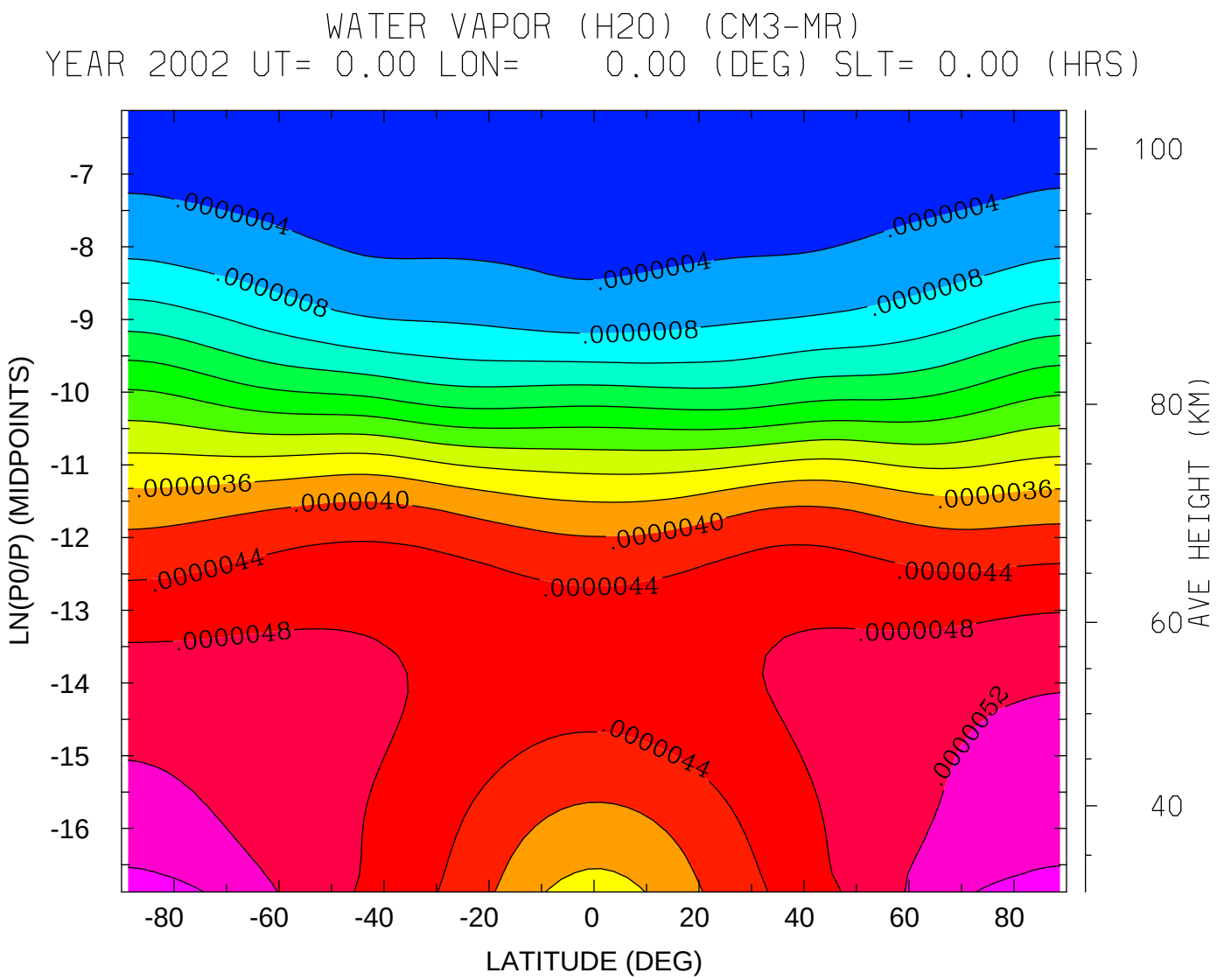
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

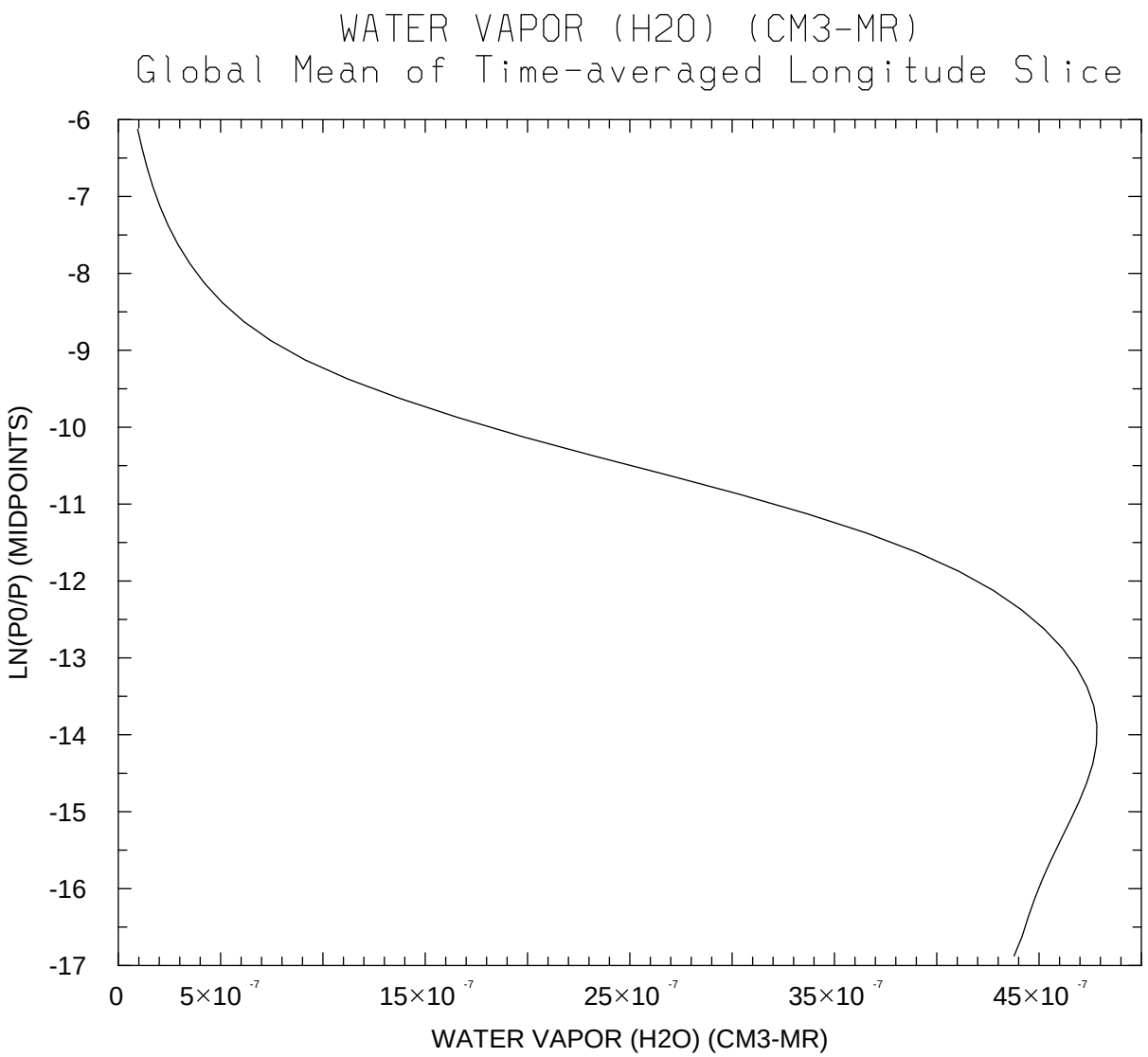
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

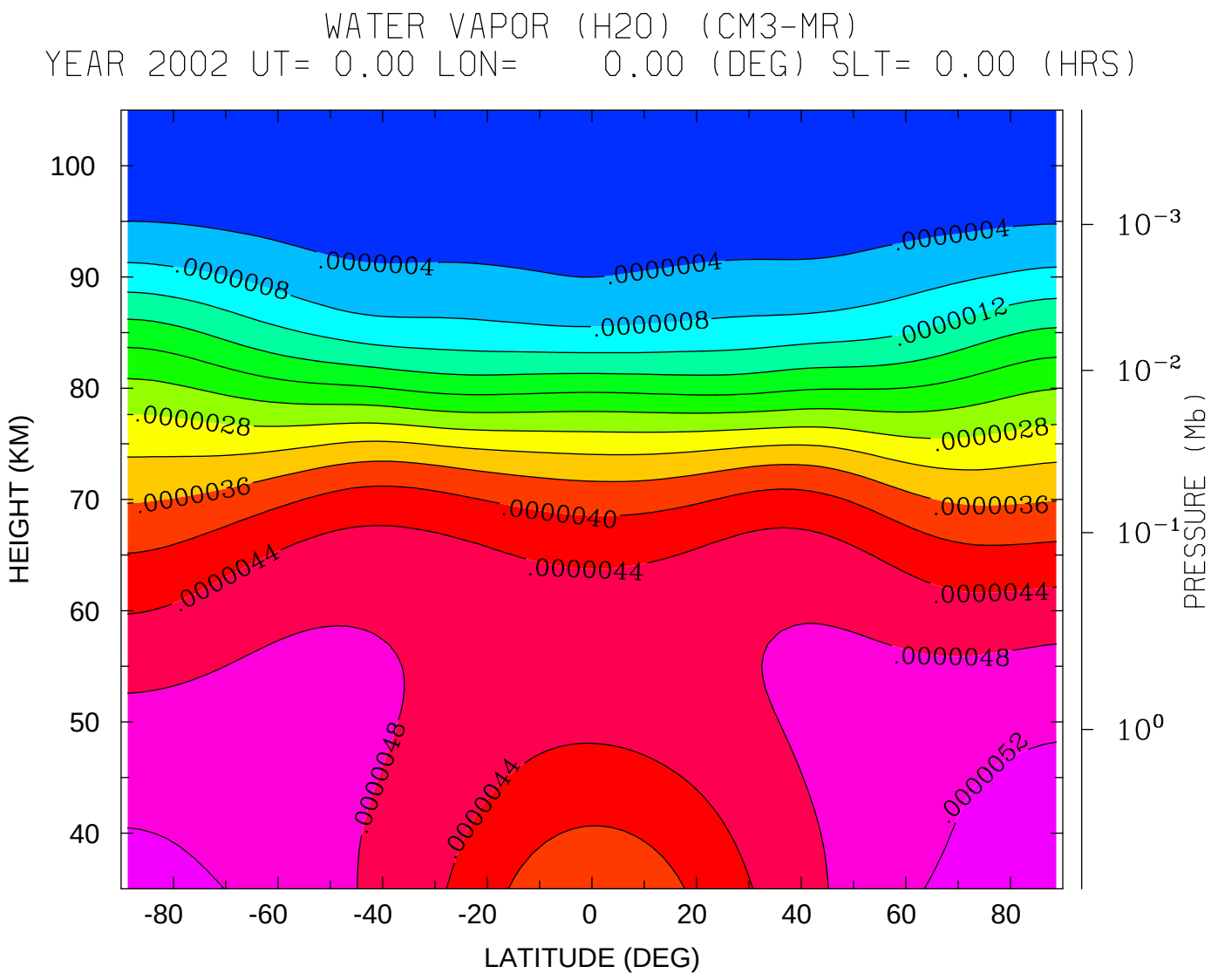

WATER VAPOR (H2O) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
LN(P0/P) (MIDPOINTS)
0
5×10 -7
15×10 -7
25×10 -7
35×10 -7
45×10 -7
WATER VAPOR (H2O) (CM3-MR)
MIN,MAX= 0.8164E-07, 0.4777E-05
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

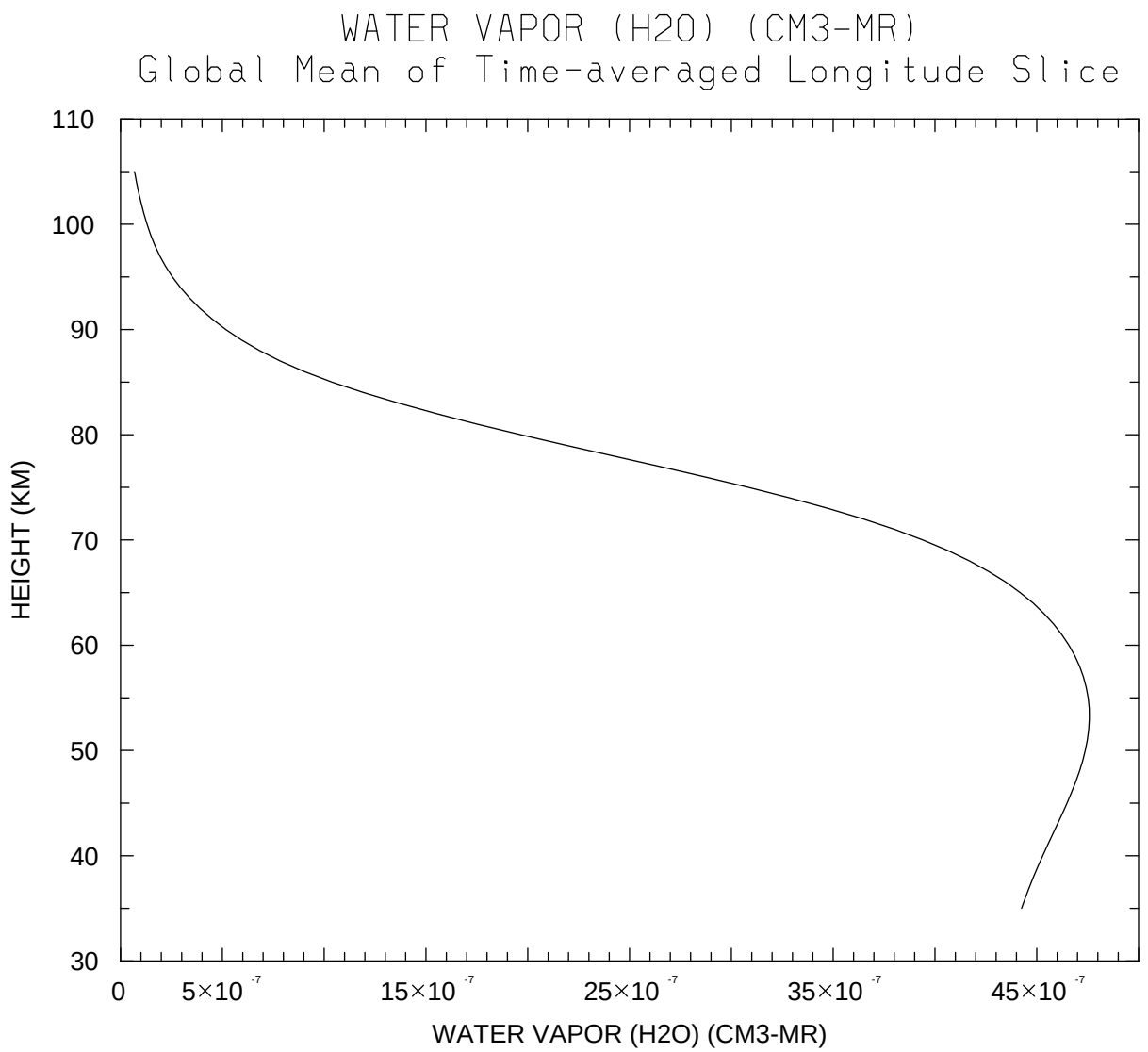

WATER VAPOR (H2O) (CM3-MR)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)
HEIGHT (KM)
100
90
80
70
60
50
40
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
PRESSURE (Mb)
10^{-3}
10^{-2}
10^{-1}
10^{0}
.0000004
.0000008
.0000012
.0000028
.0000032
.0000036
.0000040
.0000044
.0000048
.0000052
MIN,MAX= 5.5849E-08 5.4840E-06 INTERVAL= 4.0000E-07
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

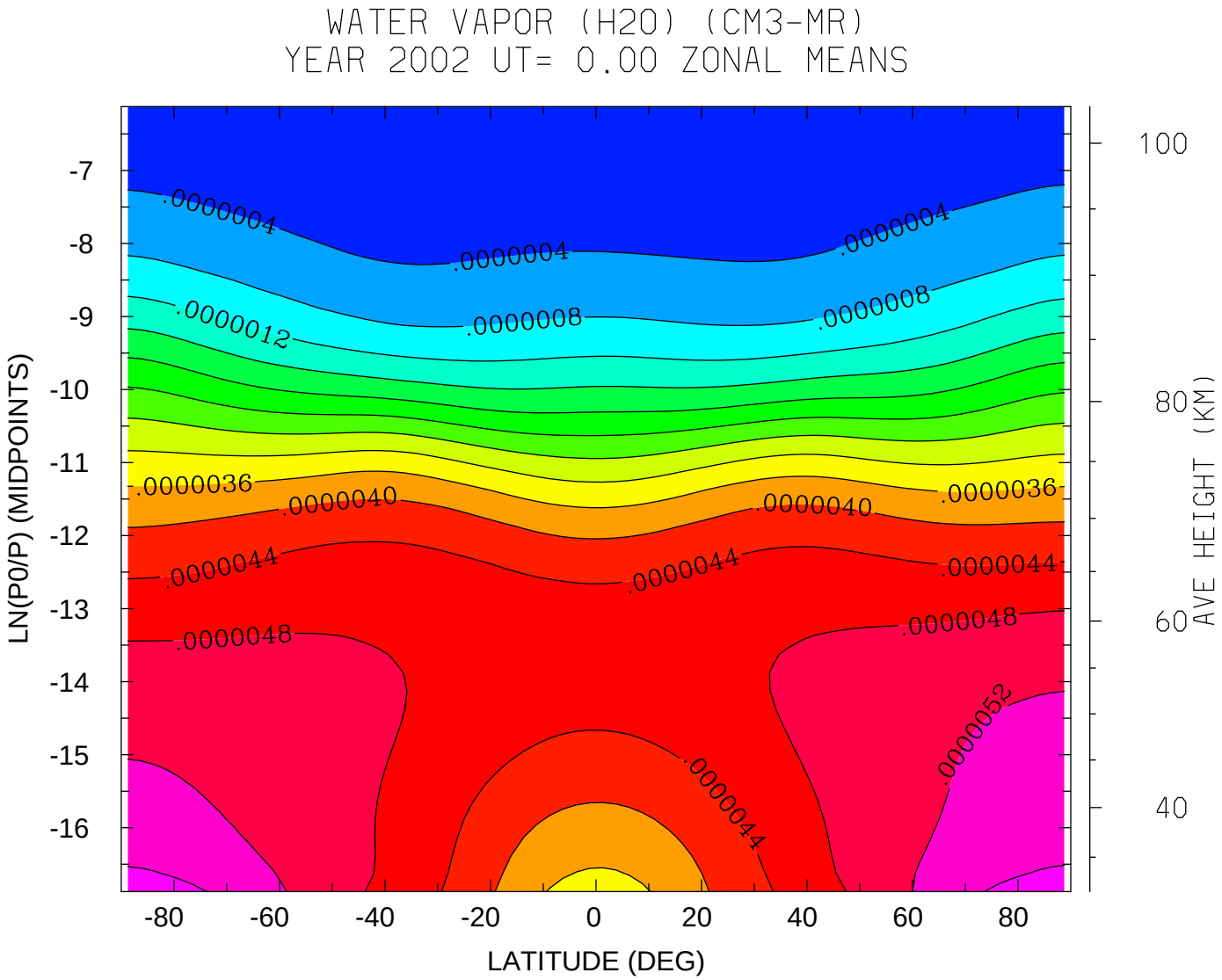

WATER VAPOR (H2O) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
110
100
90
80
70
60
50
40
30
HEIGHT (KM)
0
5×10 -7
15×10 -7
25×10 -7
35×10 -7
45×10 -7
WATER VAPOR (H2O) (CM3-MR)
MIN,MAX= 0.6176E-07, 0.4754E-05
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)


WATER VAPOR (H2O) (CM3-MR)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (MIDPOINTS)
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
100
80
60
40
AVE HEIGHT (KM)
.0000004
.0000008
.0000036
.0000040
.0000044
.0000048
.0000052
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
MIN,MAX= 6.9208E-08 5.8014E-06 INTERVAL= 4.0000E-07
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc


WATER VAPOR (H2O) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
LN(P0/P) (MIDPOINTS)
0
5×10 -7
15×10 -7
25×10 -7
35×10 -7
45×10 -7
WATER VAPOR (H2O) (CM3-MR)
MIN,MAX= 0.9449E-07, 0.4782E-05
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)


WATER VAPOR (H2O) (CM3-MR)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
HEIGHT (KM)
100
90
80
70
60
50
40
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
PRESSURE (Mb)
10^{-3}
10^{-2}
10^{-1}
10^{0}
.0000004
.0000008
.0000012
.0000028
.0000036
.0000040
.0000044
.0000048
.0000052
MIN,MAX= 5.3679E-08 5.4777E-06 INTERVAL= 4.0000E-07
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

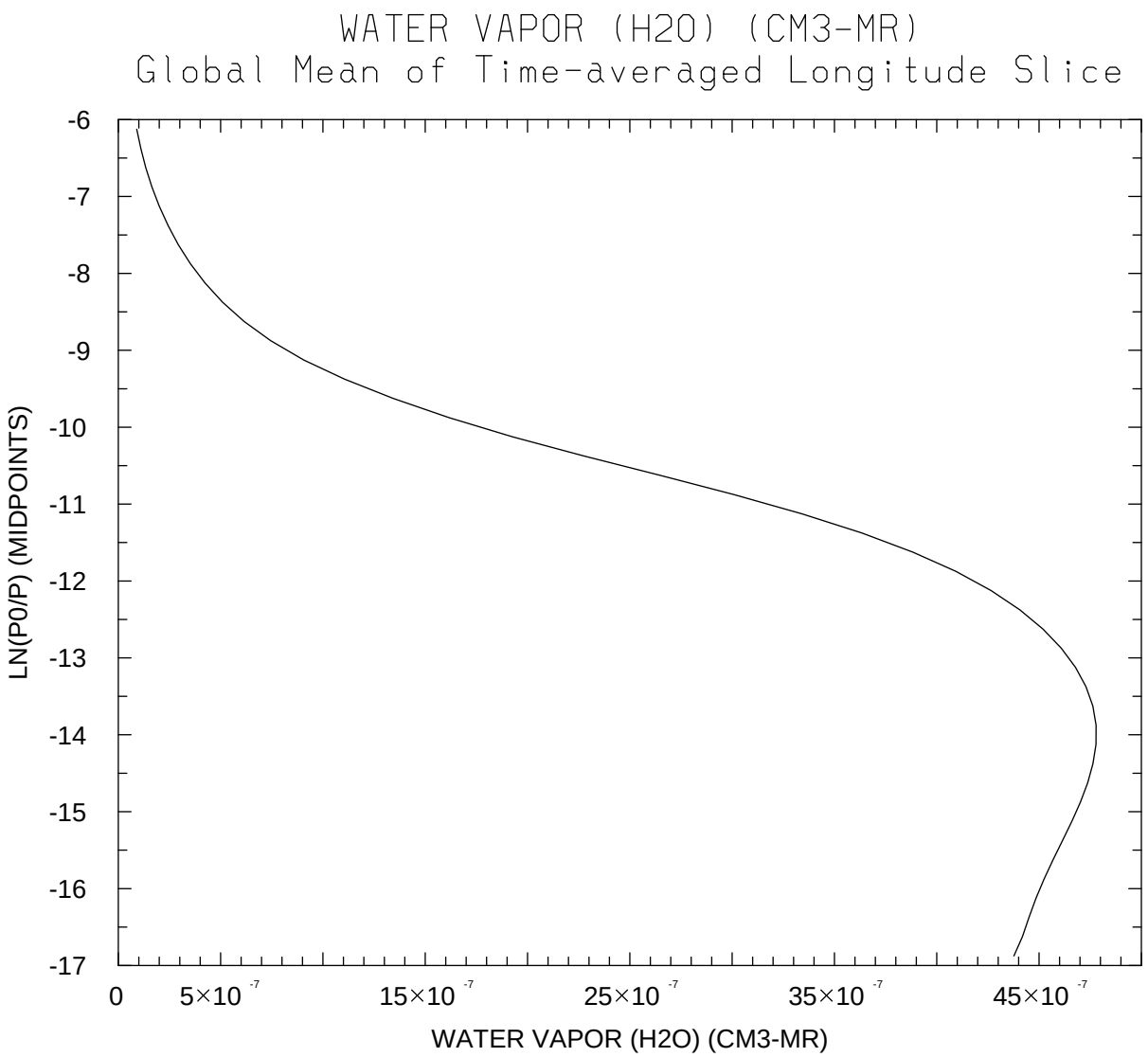

WATER VAPOR (H2O) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
110
100
90
80
70
60
50
40
30
HEIGHT (KM)
0
5×10 -7
15×10 -7
25×10 -7
35×10 -7
45×10 -7
WATER VAPOR (H2O) (CM3-MR)
MIN,MAX= 0.6853E-07, 0.4758E-05
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

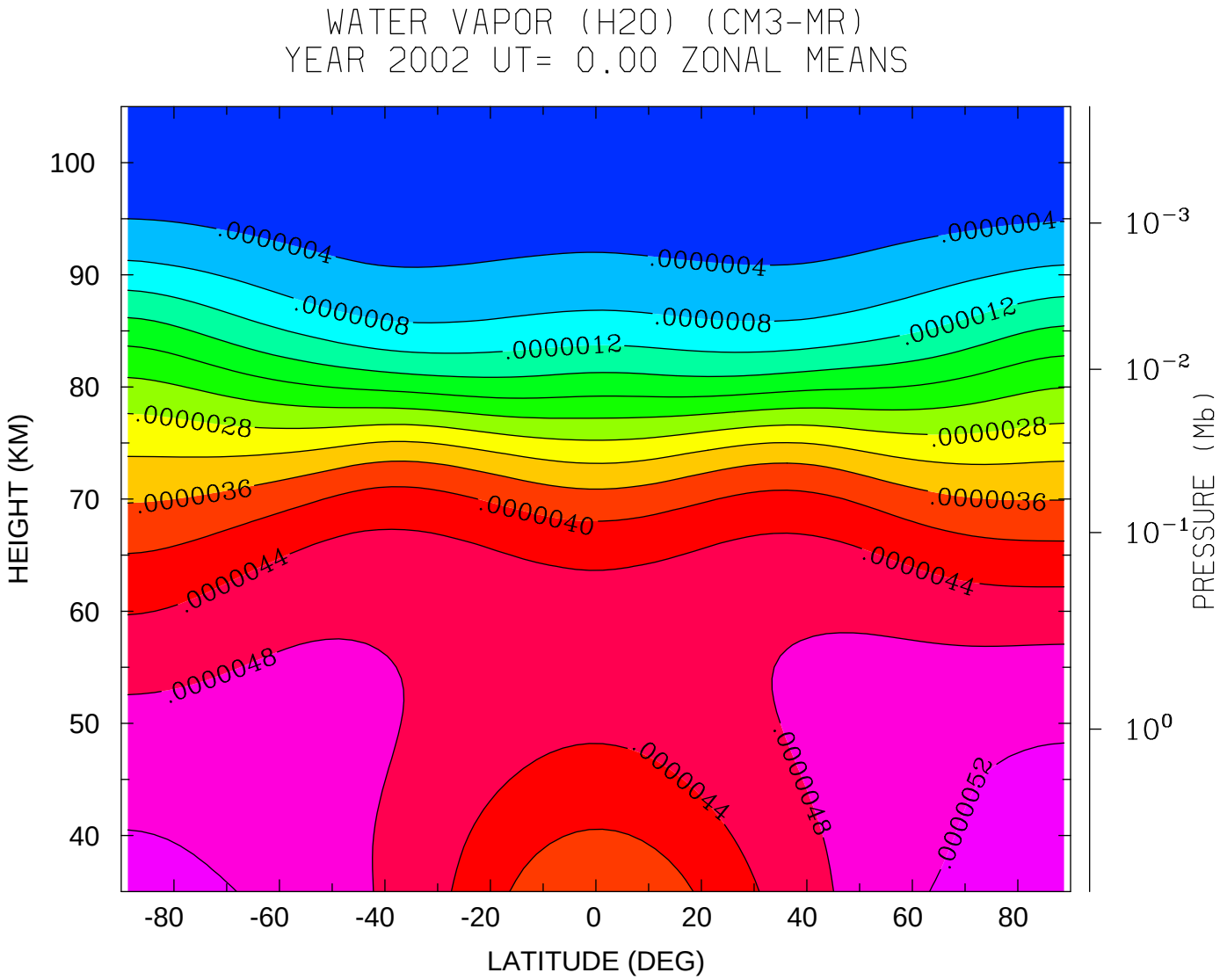


MIN,MAX= 7.7590E-08 5.8017E-06 INTERVAL= 4.0000E-07

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

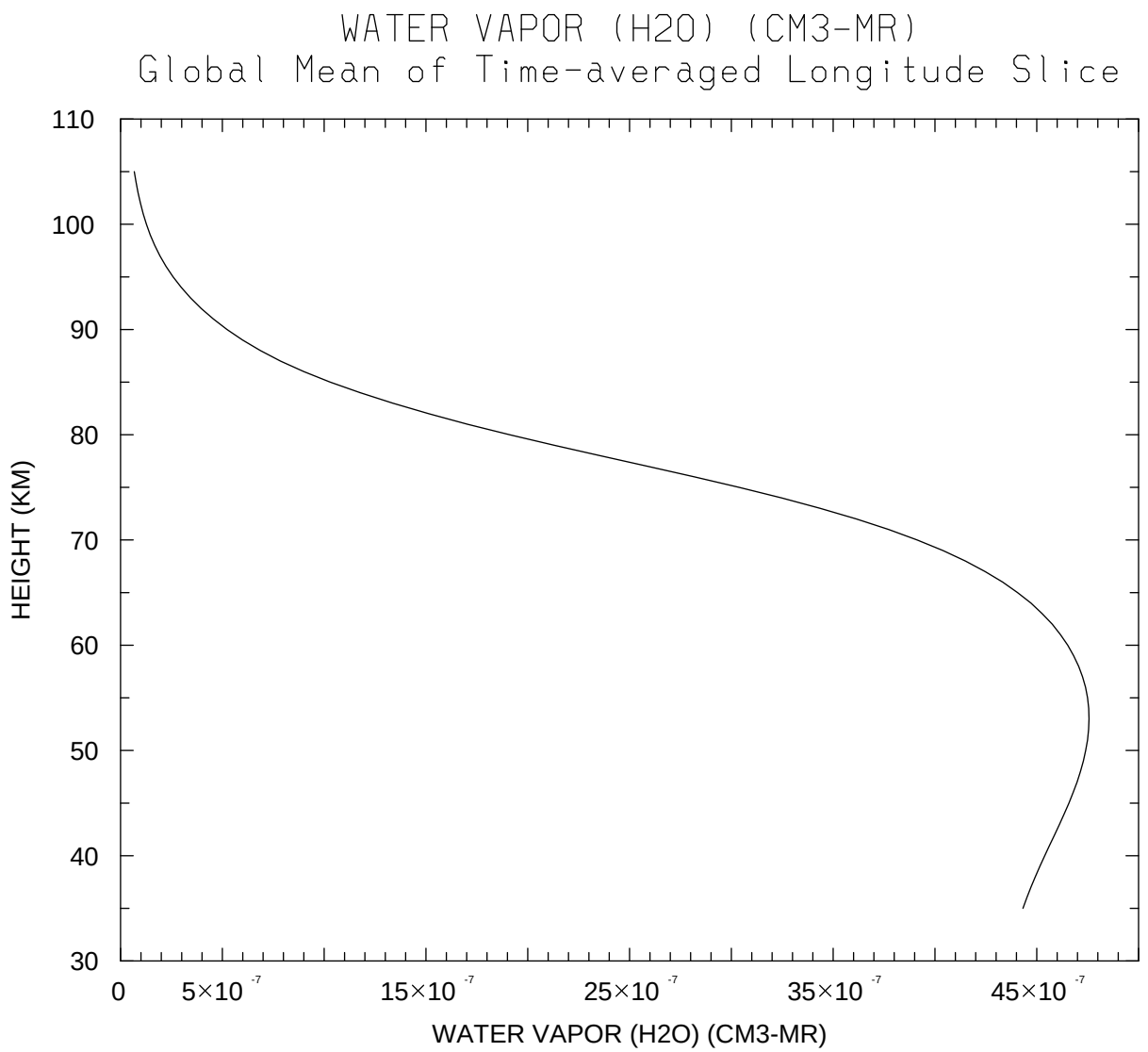

WATER VAPOR (H2O) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
LN(P0/P) (MIDPOINTS)
0
5×10 -7
15×10 -7
25×10 -7
35×10 -7
45×10 -7
WATER VAPOR (H2O) (CM3-MR)
MIN,MAX= 0.8961E-07, 0.4779E-05
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

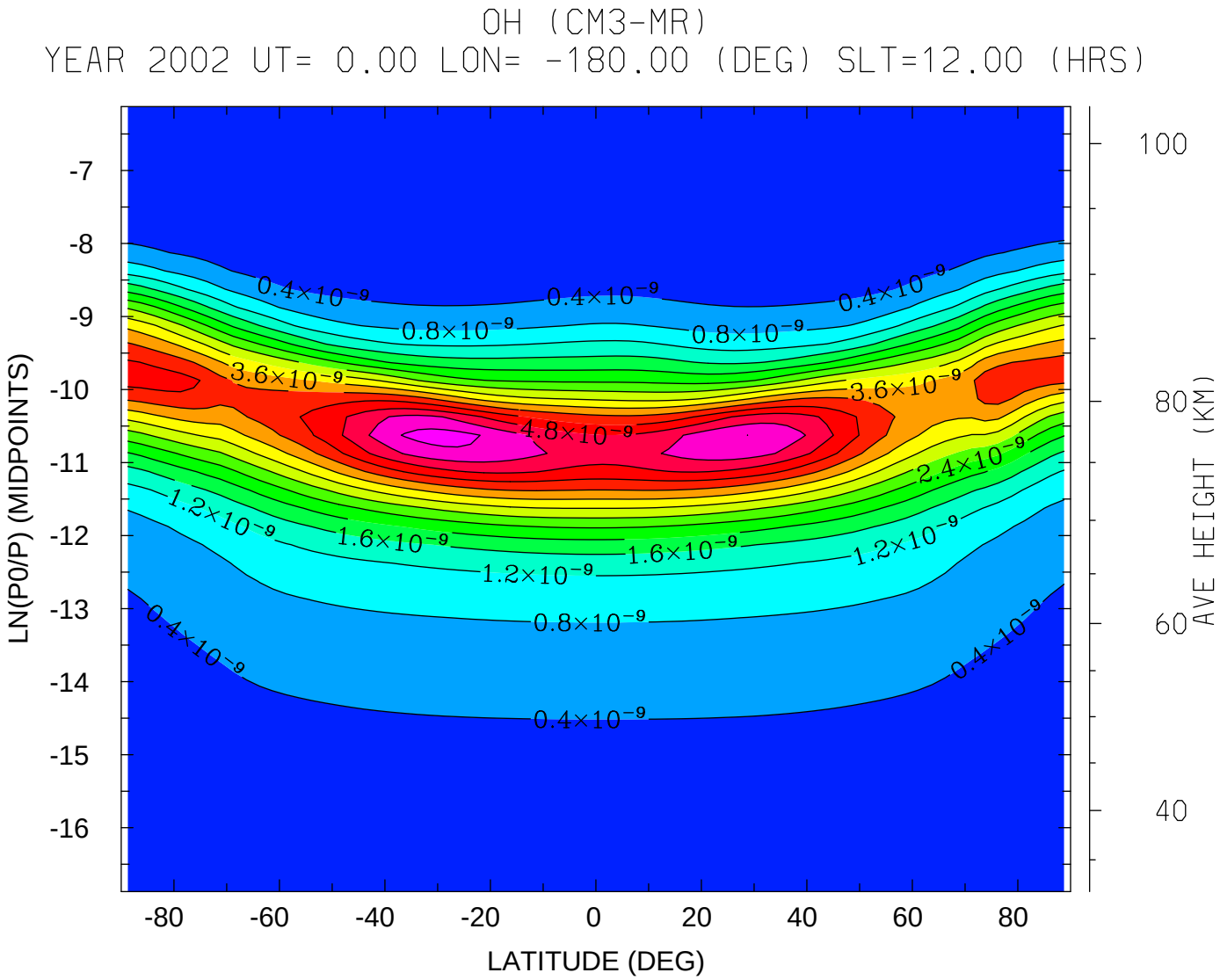


MIN,MAX= 5.7704E-08 5.4809E-06 INTERVAL= 4.0000E-07

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

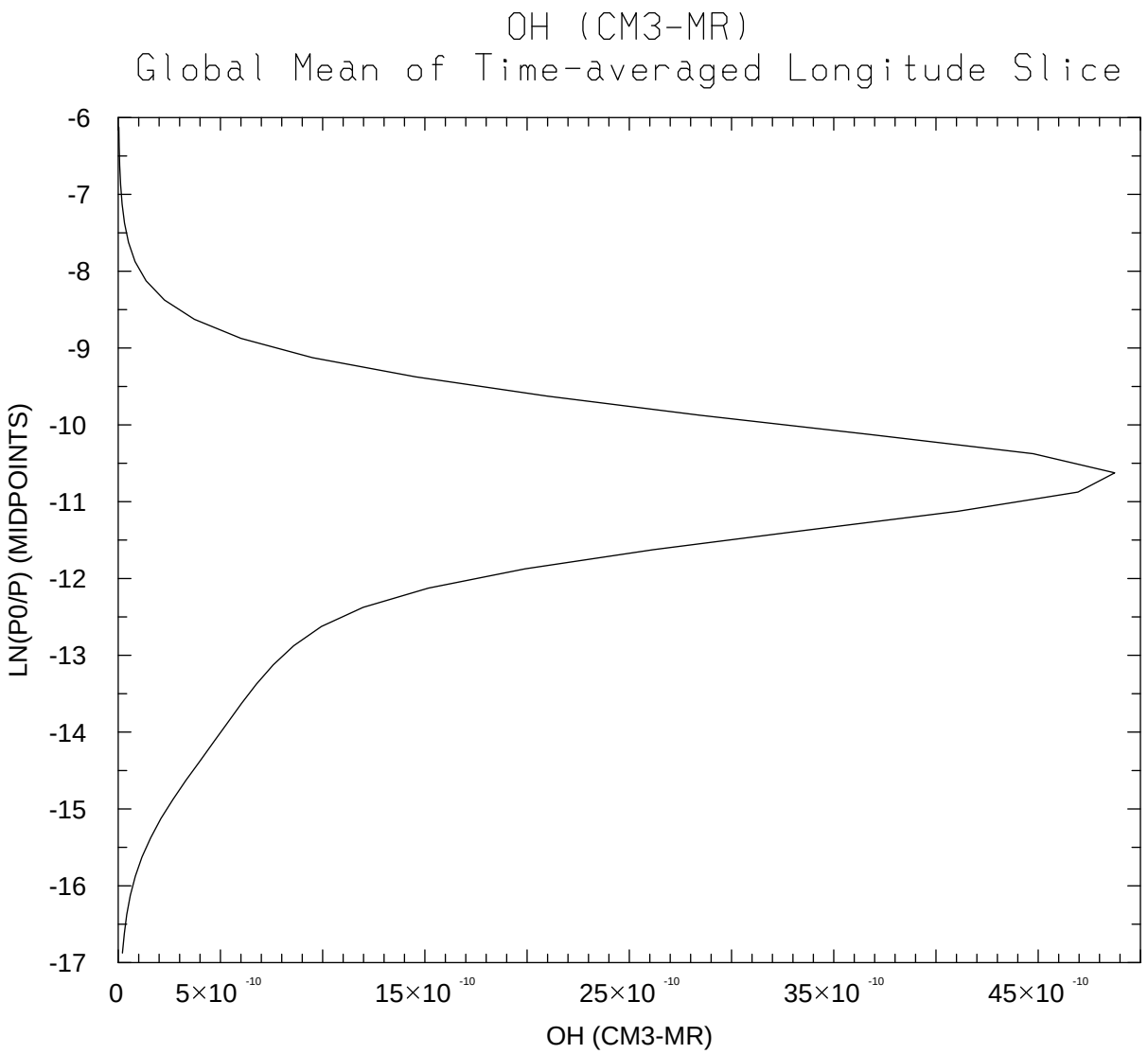

WATER VAPOR (H2O) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
110
100
90
80
70
60
50
40
30
HEIGHT (KM)
0
5×10 -7
15×10 -7
25×10 -7
35×10 -7
45×10 -7
WATER VAPOR (H2O) (CM3-MR)
MIN,MAX= 0.6736E-07, 0.4757E-05
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS



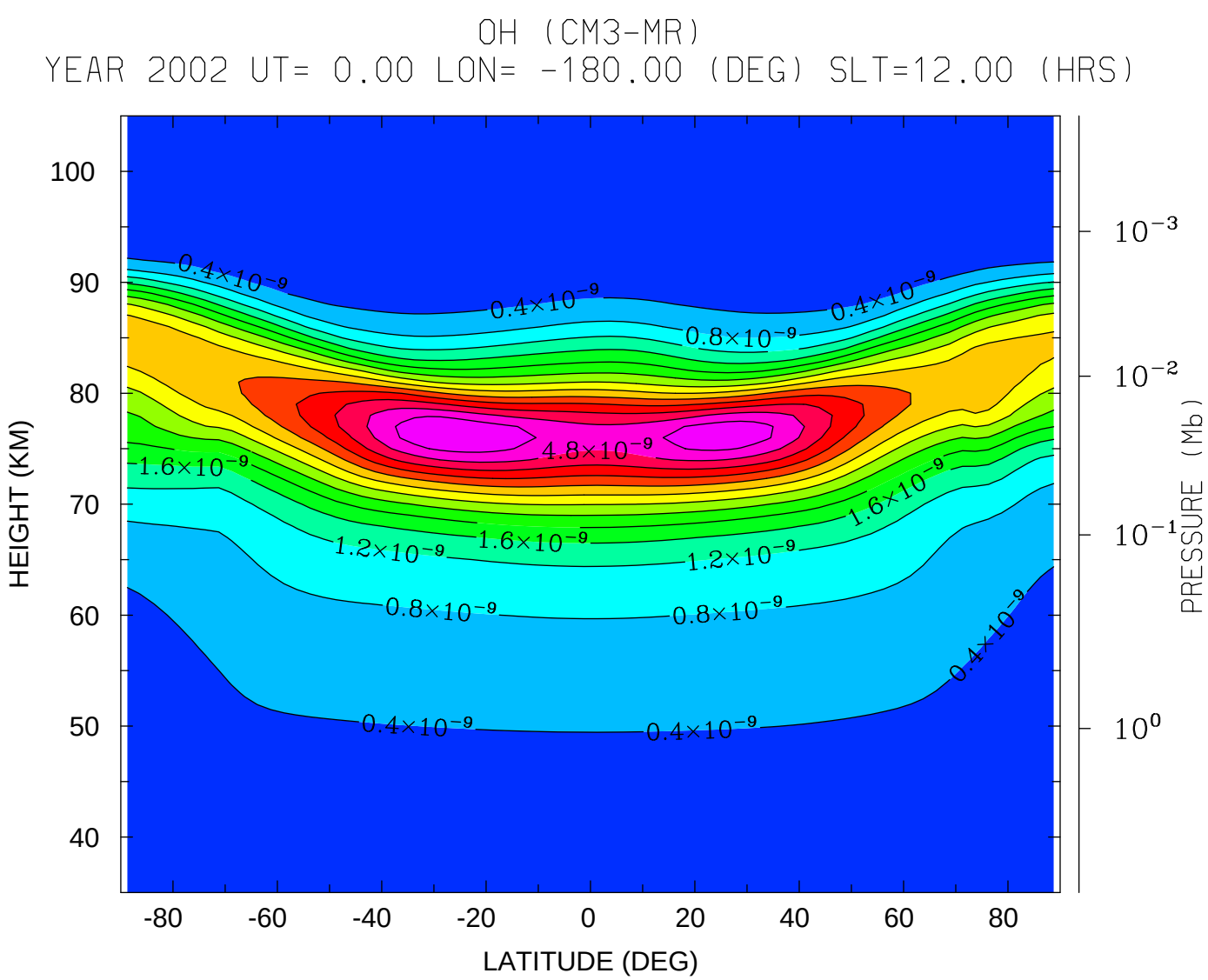
MIN,MAX= 2.6179E-12 5.7781E-09 INTERVAL= 4.0000E-10

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



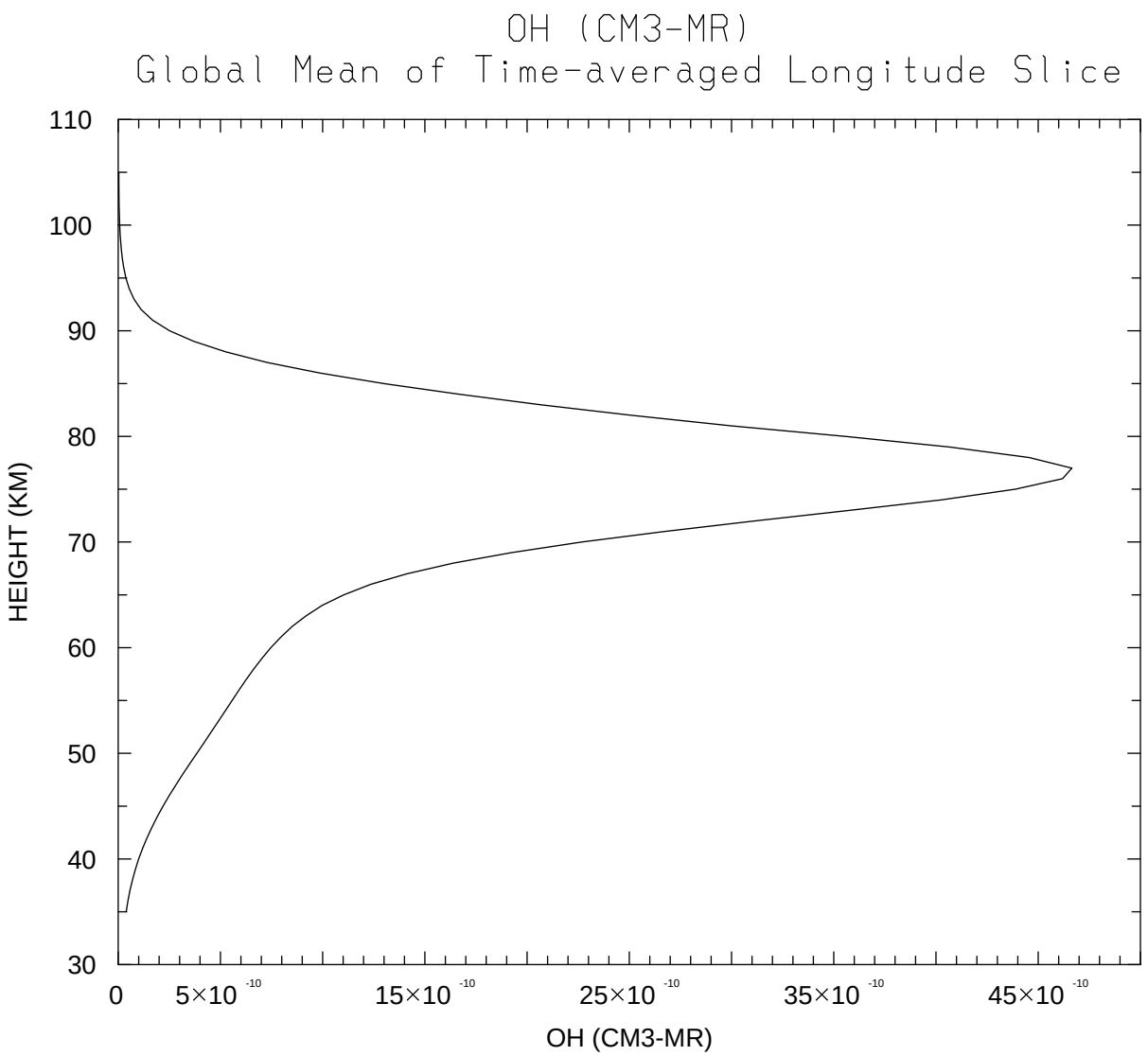
MIN,MAX= 0.3067E-11, 0.4874E-08
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)



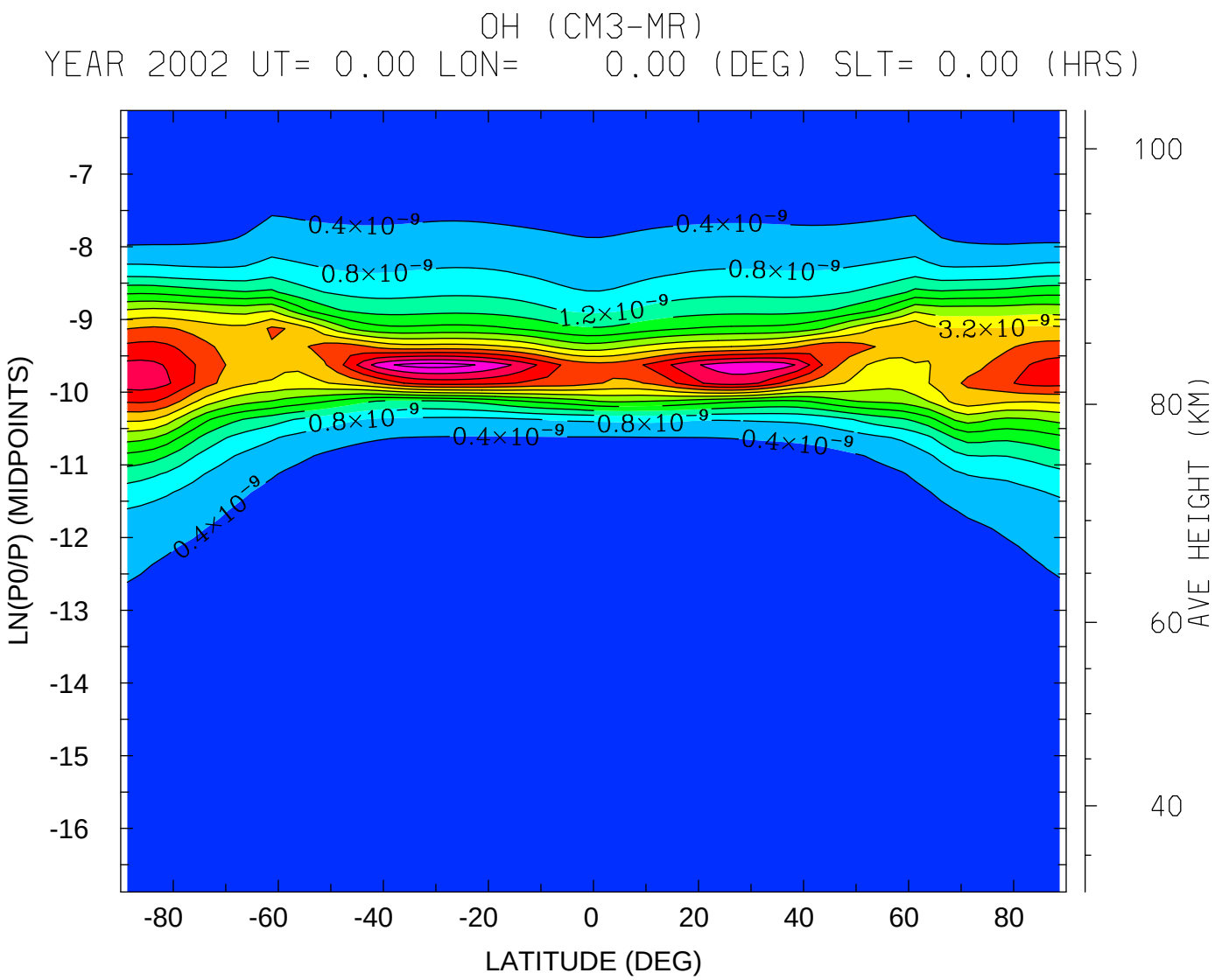
MIN,MAX= 2.7145E-12 5.5627E-09 INTERVAL= 4.0000E-10

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



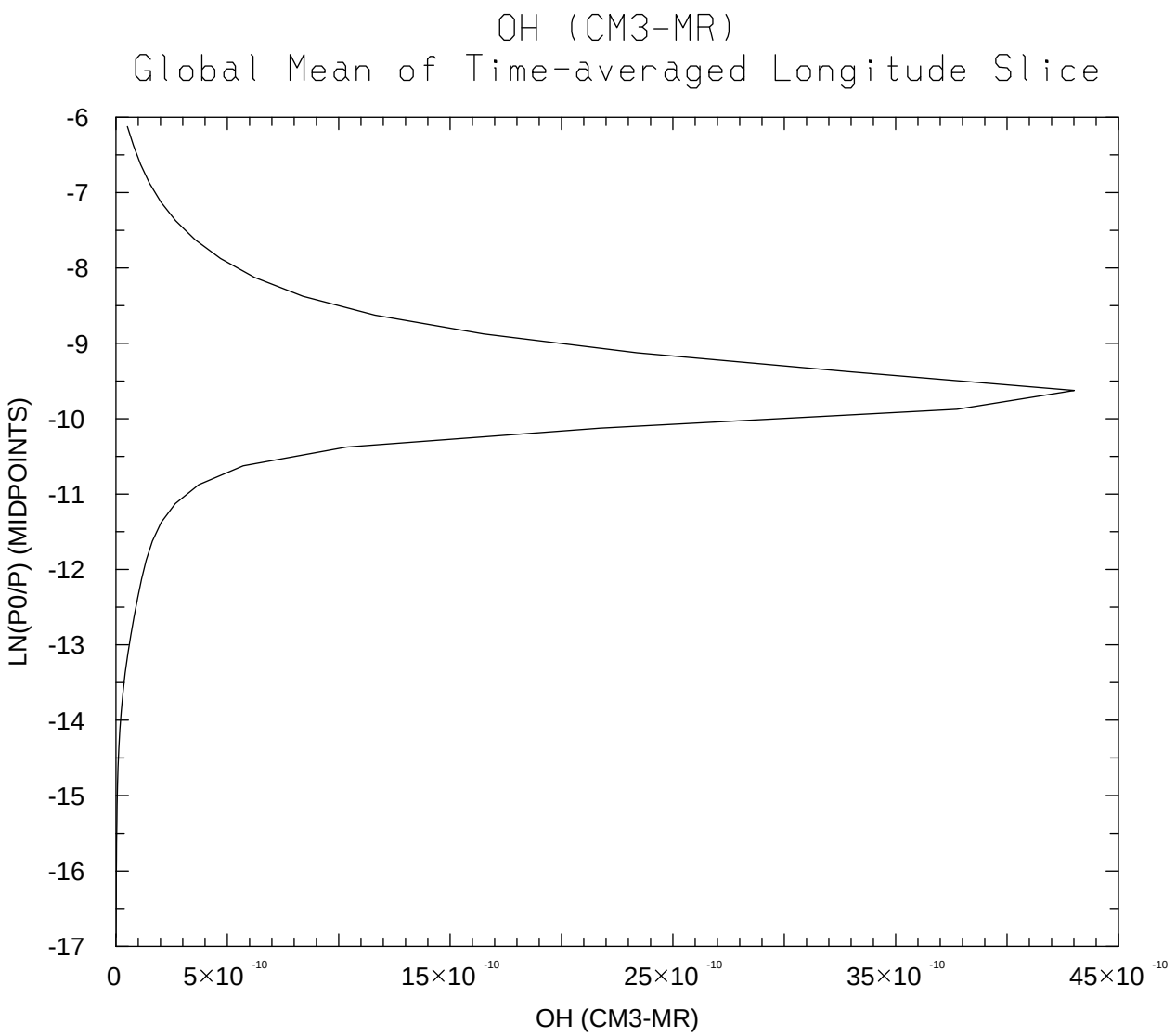
MIN,MAX= 0.3093E-11, 0.4664E-08
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)



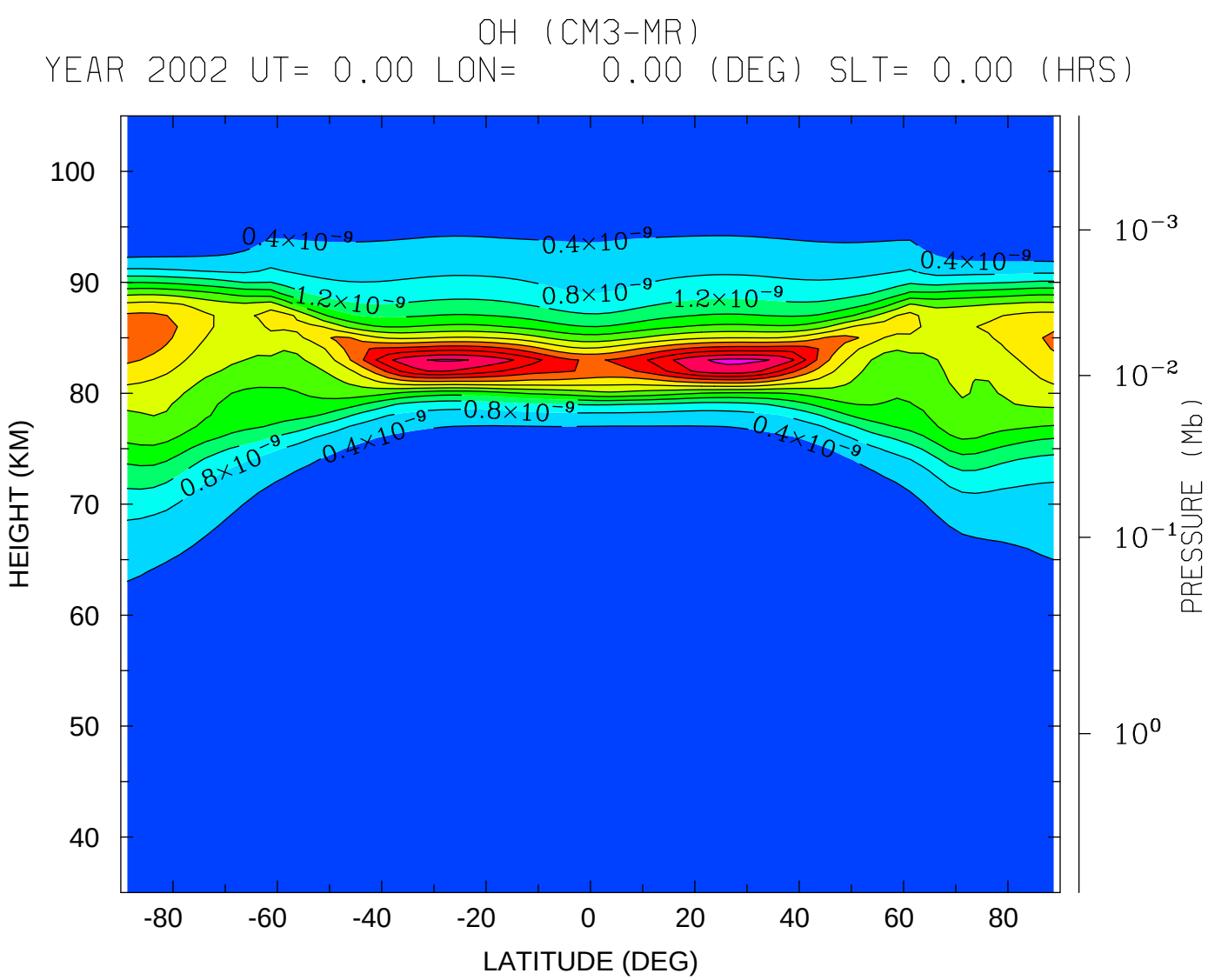
MIN,MAX= 1.2838E-13 5.3709E-09 INTERVAL= 4.0000E-10

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



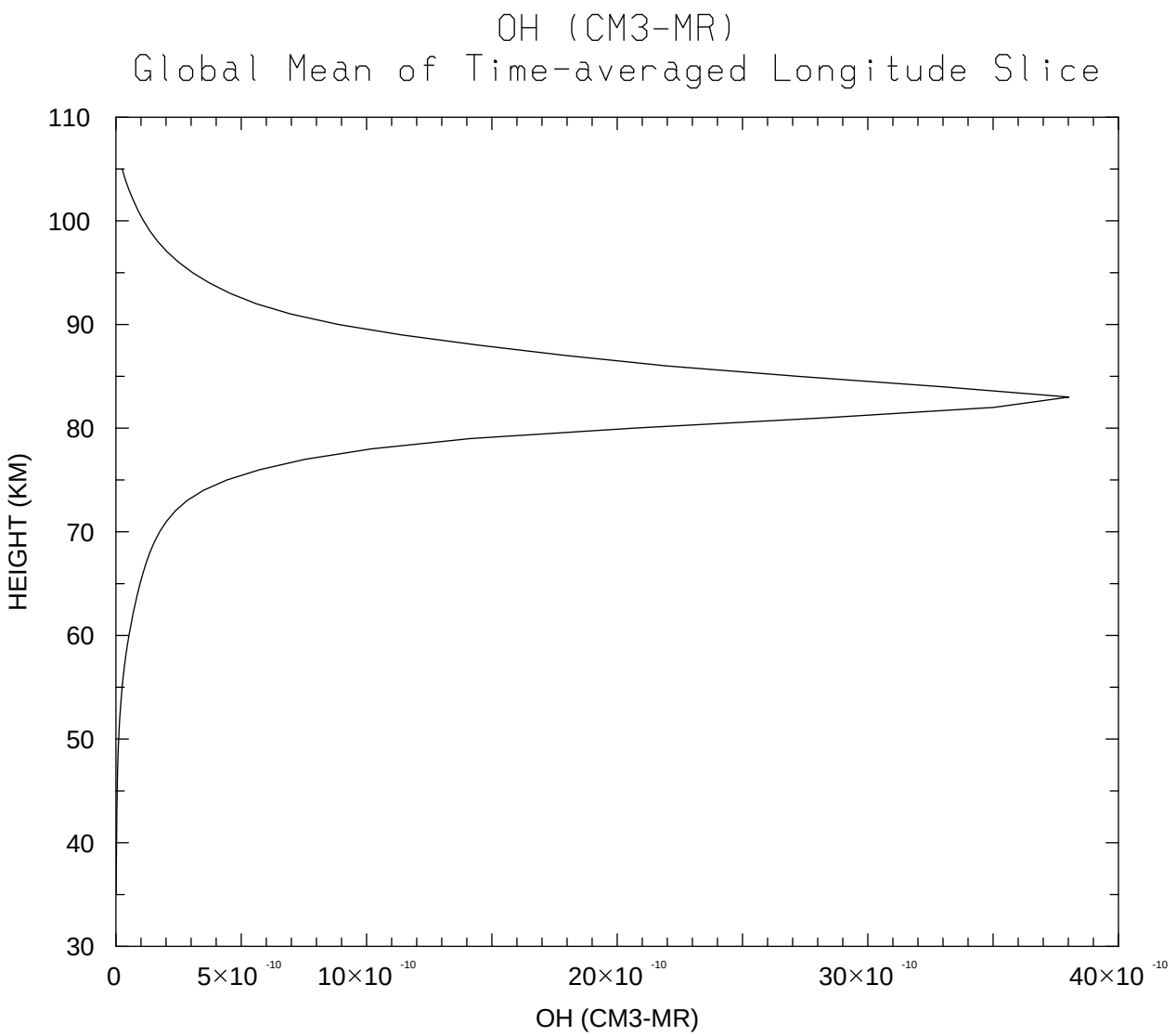
MIN,MAX= 0.5403E-12, 0.4302E-08
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)



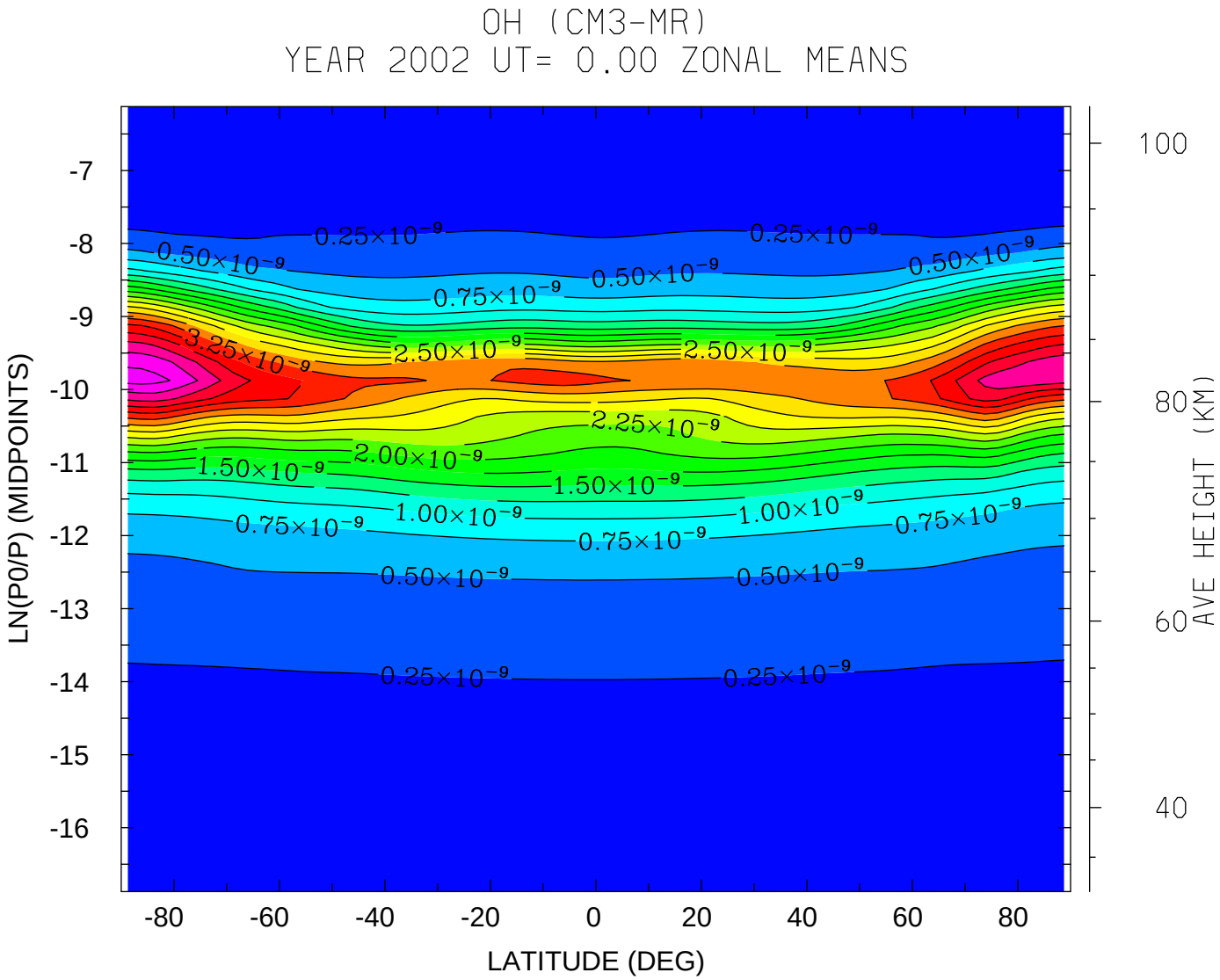
MIN,MAX= 2.1114E-13 4.8933E-09 INTERVAL= 4.0000E-10

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



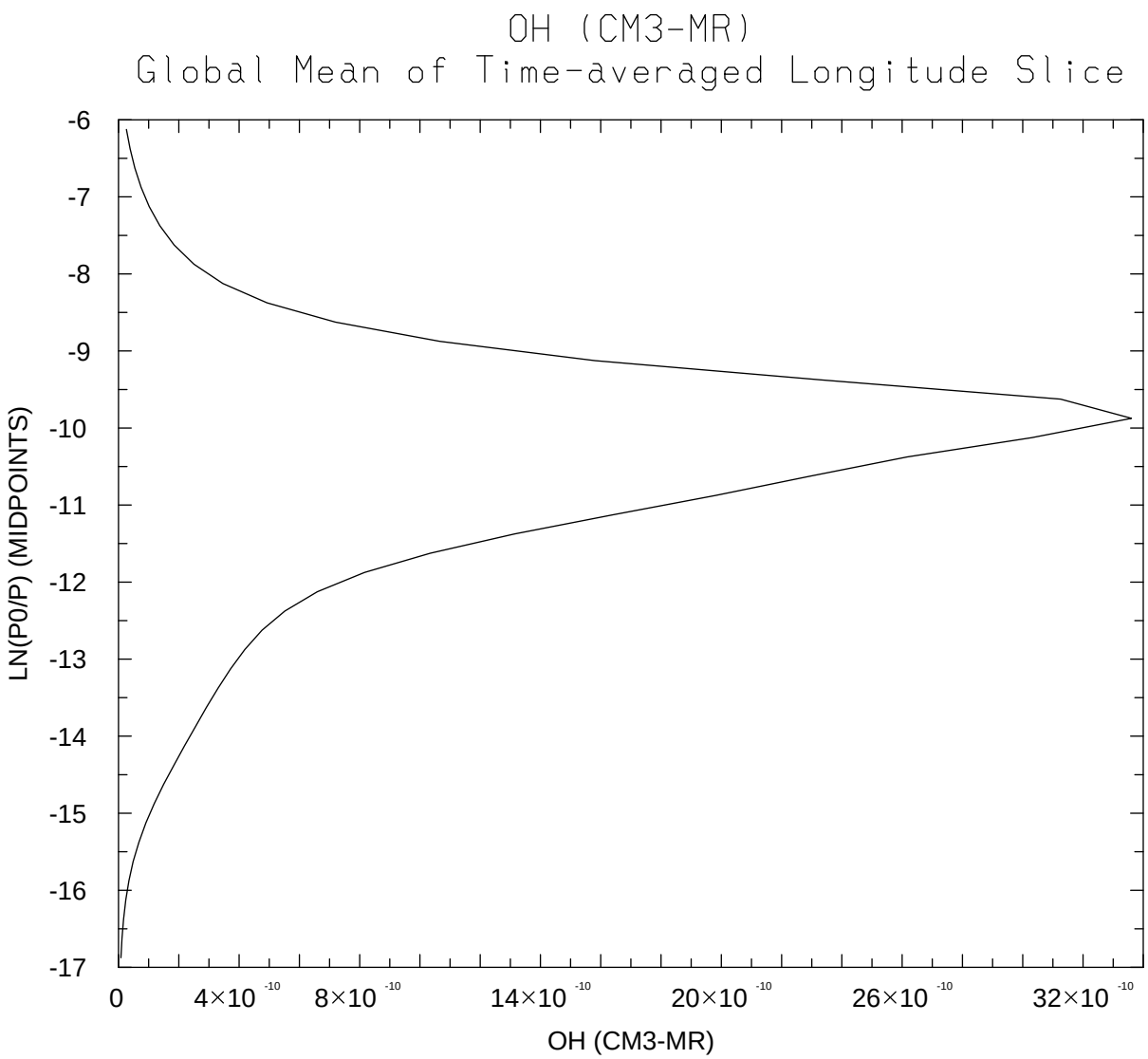
MIN,MAX= 0.9837E-12, 0.3803E-08
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

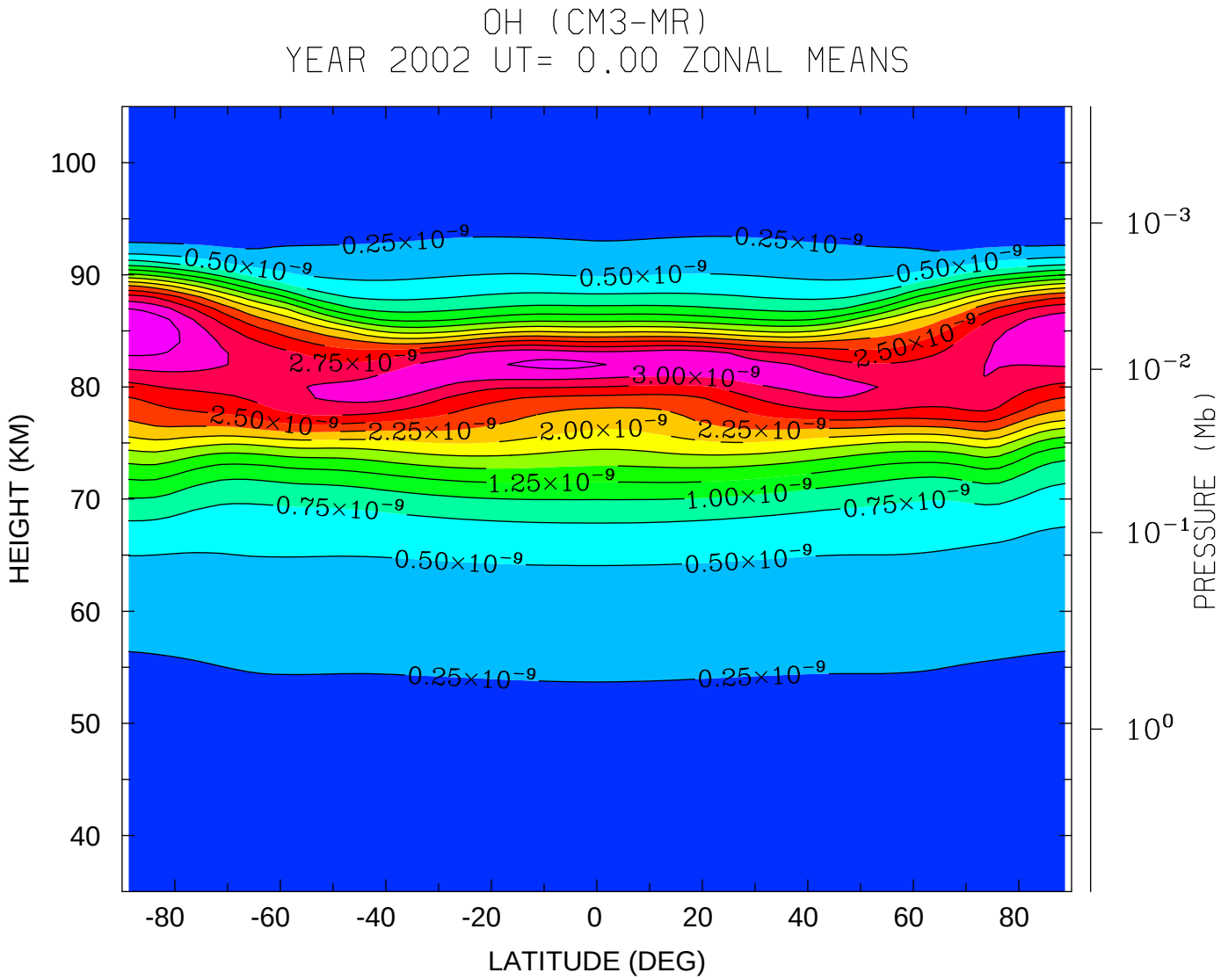


MIN,MAX= 5.0370E-12 4.5981E-09 INTERVAL= 2.5000E-10

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

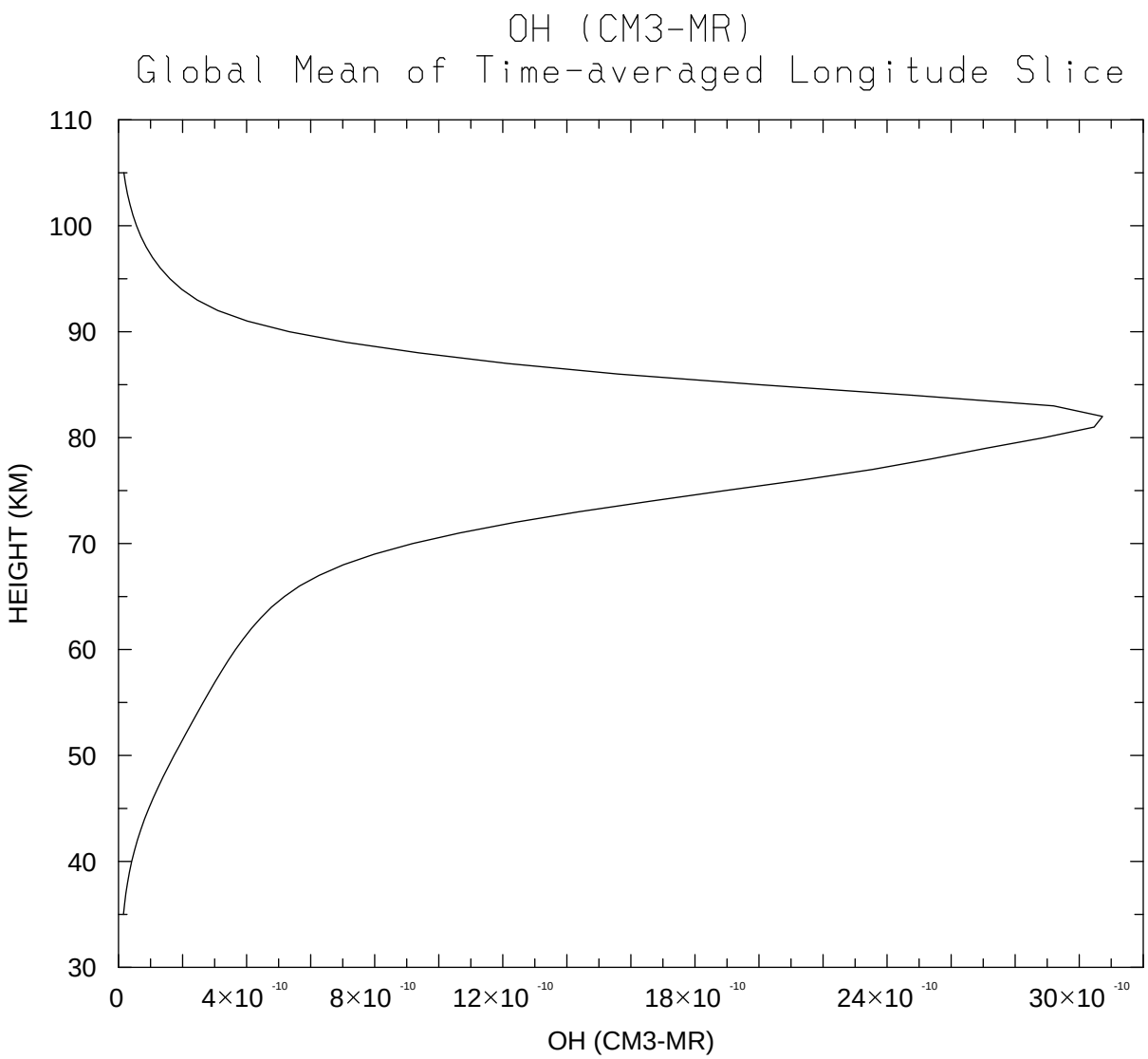

OH (CM3-MR)
Global Mean of Time-averaged Longitude Slice
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
LN(P0/P) (MIDPOINTS)
0
4×10 -10
8×10 -10
14×10 -10
20×10 -10
26×10 -10
32×10 -10
OH (CM3-MR)
MIN,MAX= 0.7880E-11, 0.3361E-08
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS



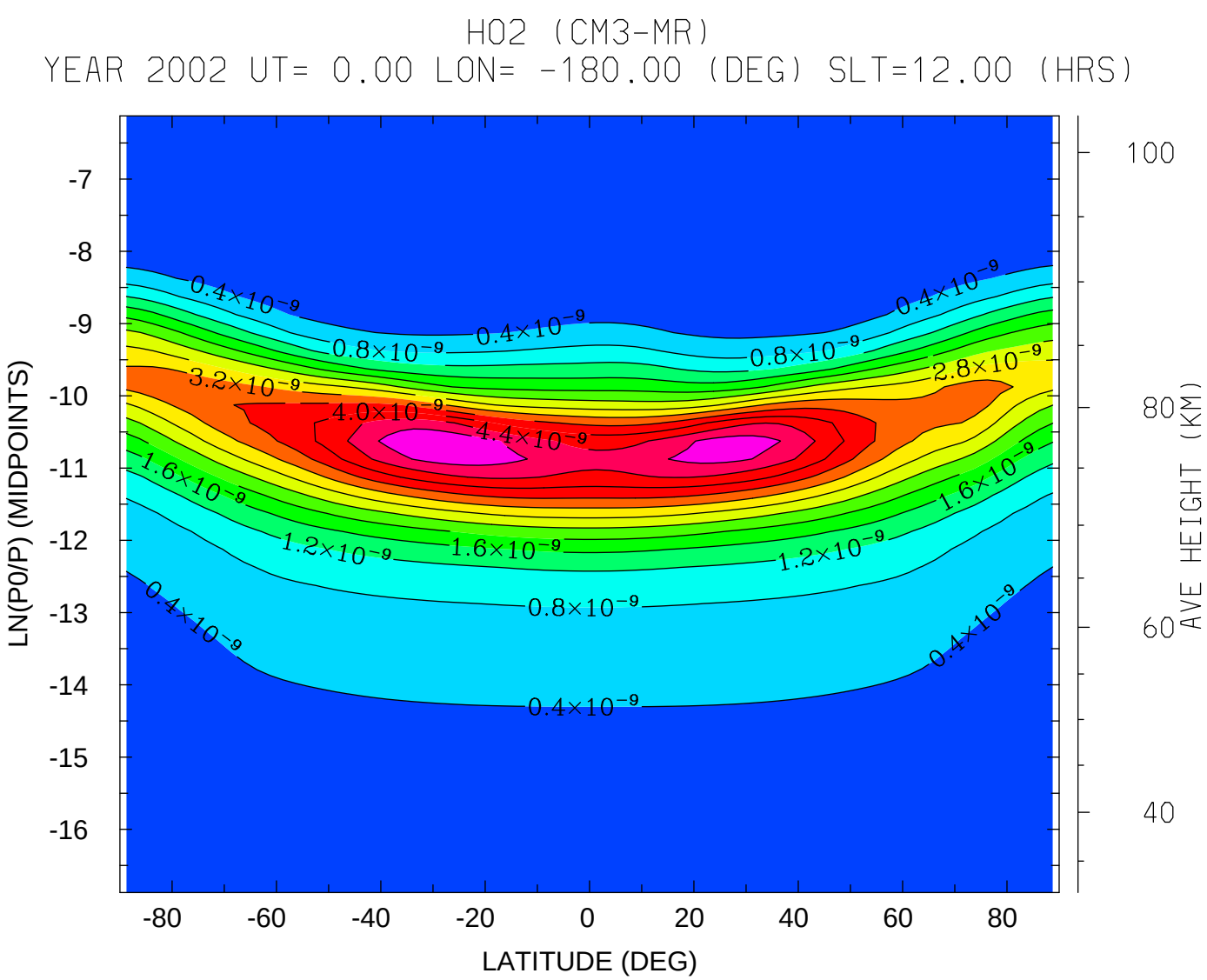
MIN,MAX= 8.8685E-12 3.4974E-09 INTERVAL= 2.5000E-10

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



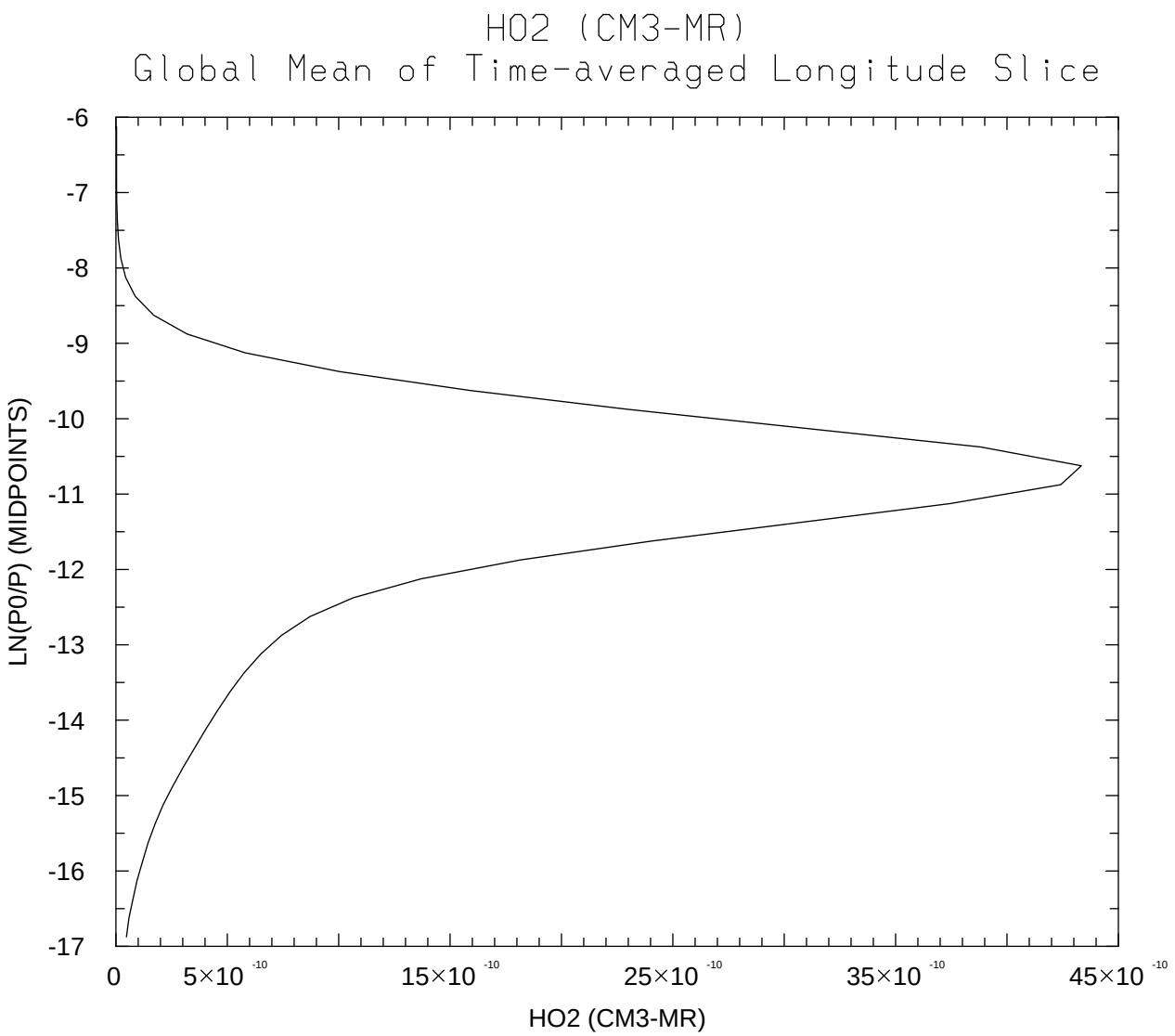
MIN,MAX= 0.1543E-10, 0.3073E-08
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS



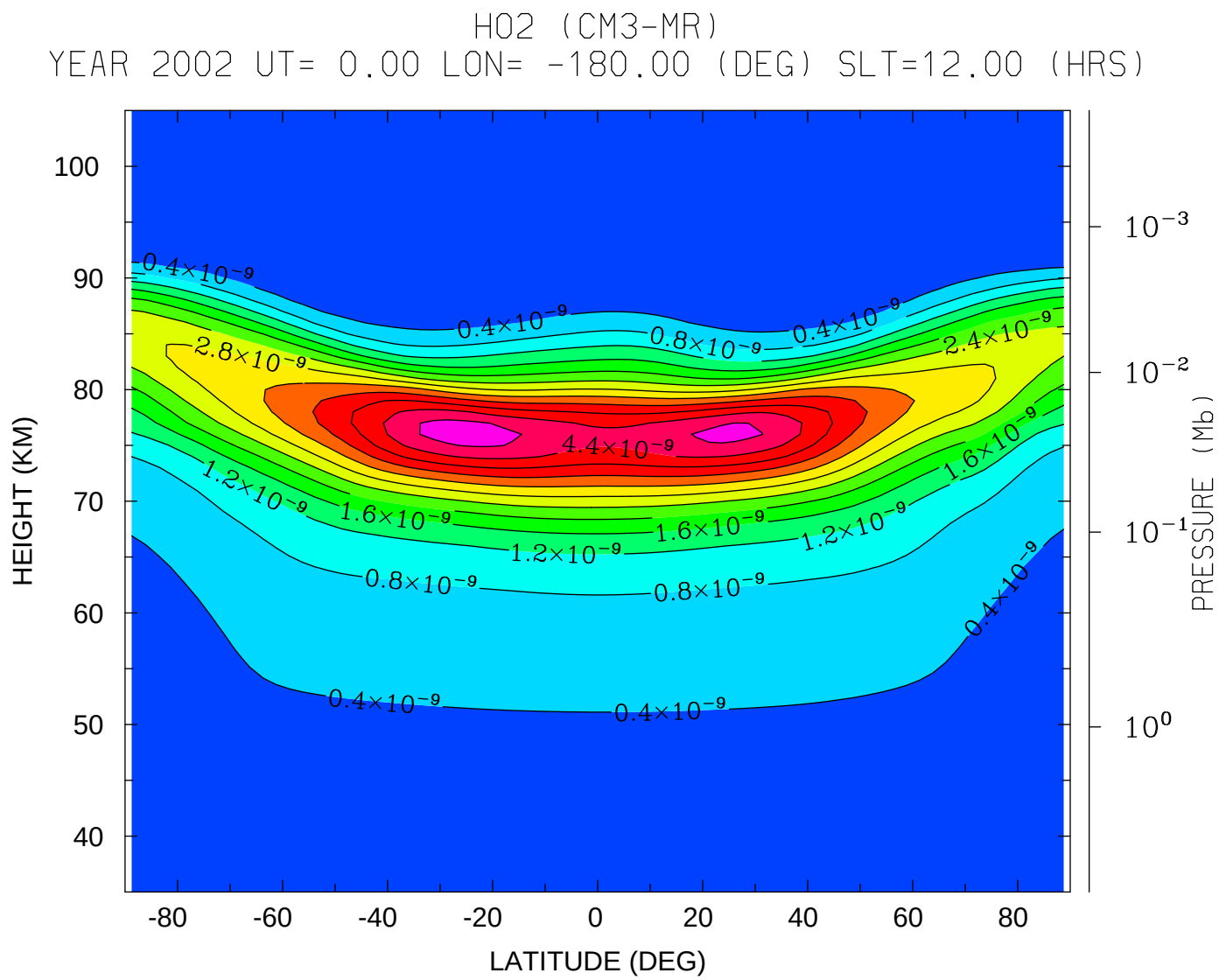
MIN,MAX= 2.3712E-12 5.1568E-09 INTERVAL= 4.0000E-10

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



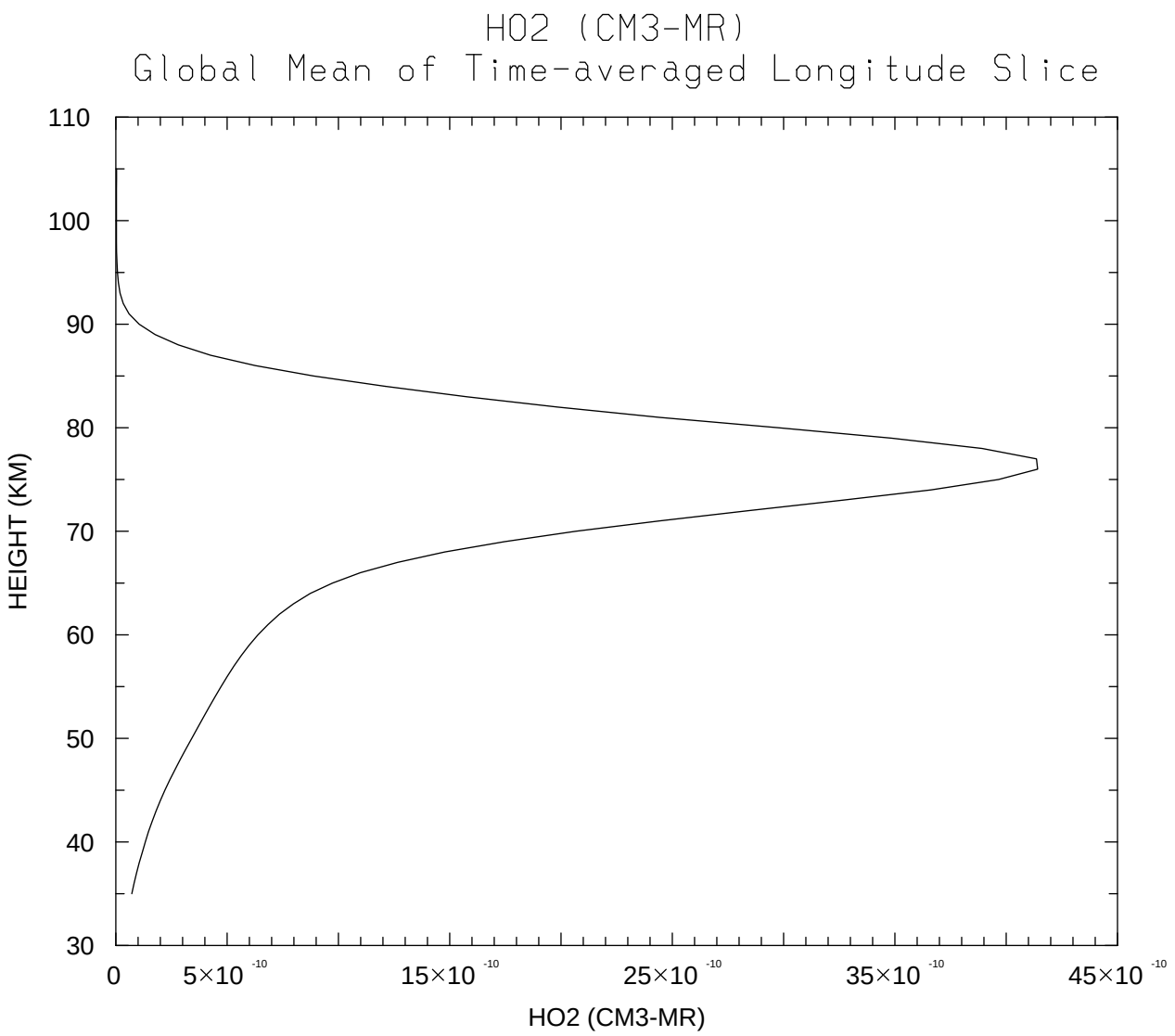
MIN,MAX= 0.2524E-11, 0.4333E-08
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

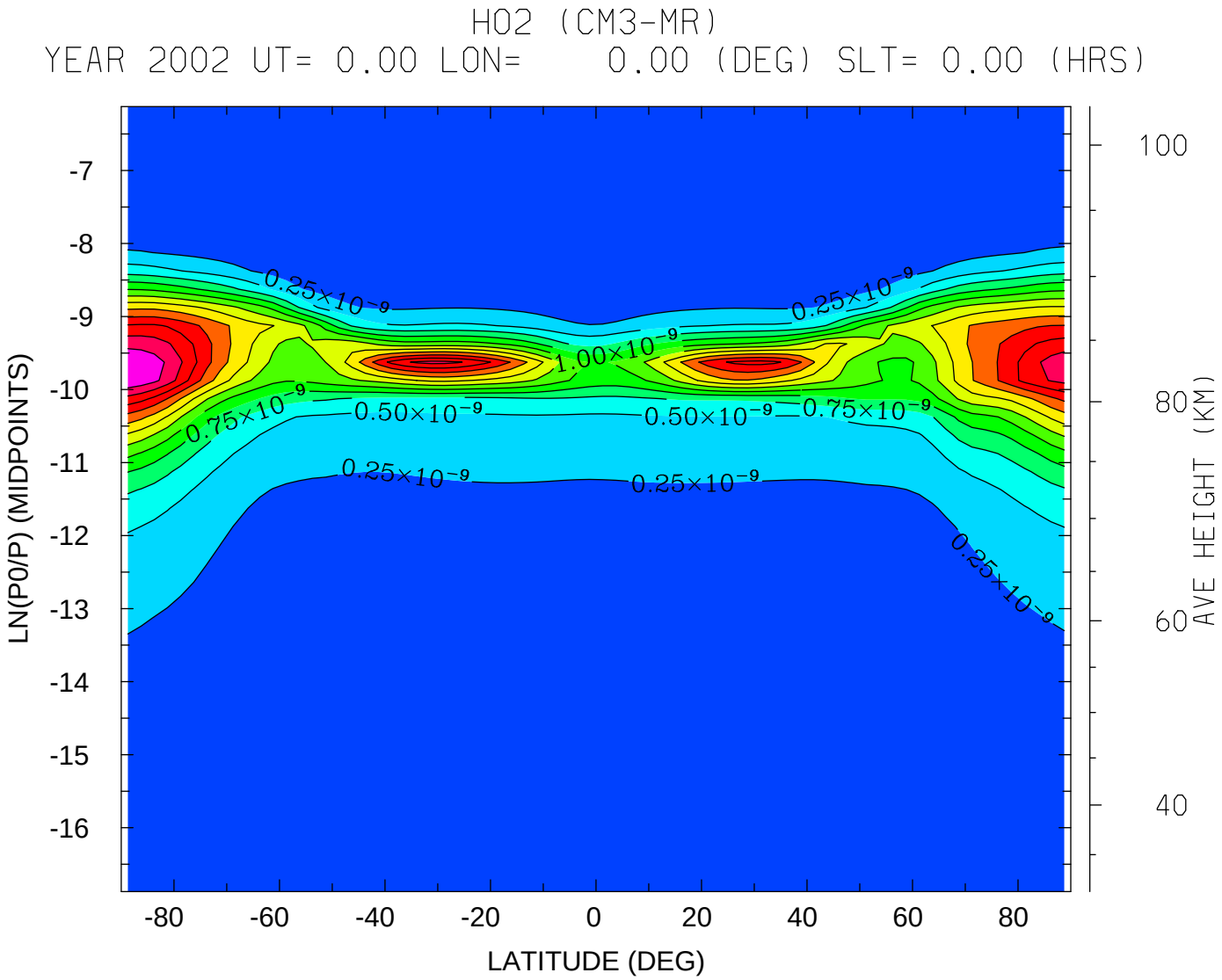


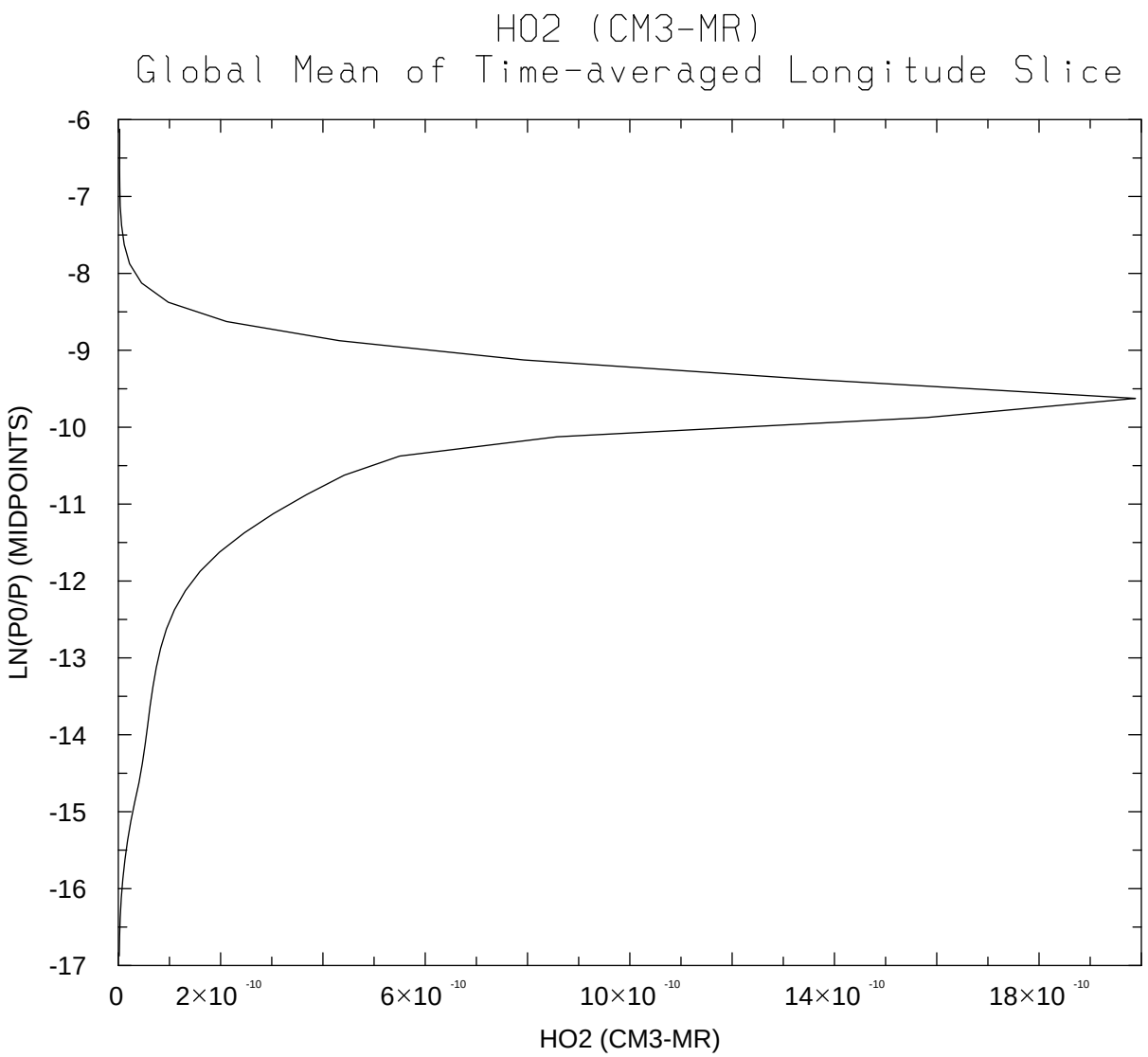
MIN,MAX= 2.3811E-12 4.9940E-09 INTERVAL= 4.0000E-10

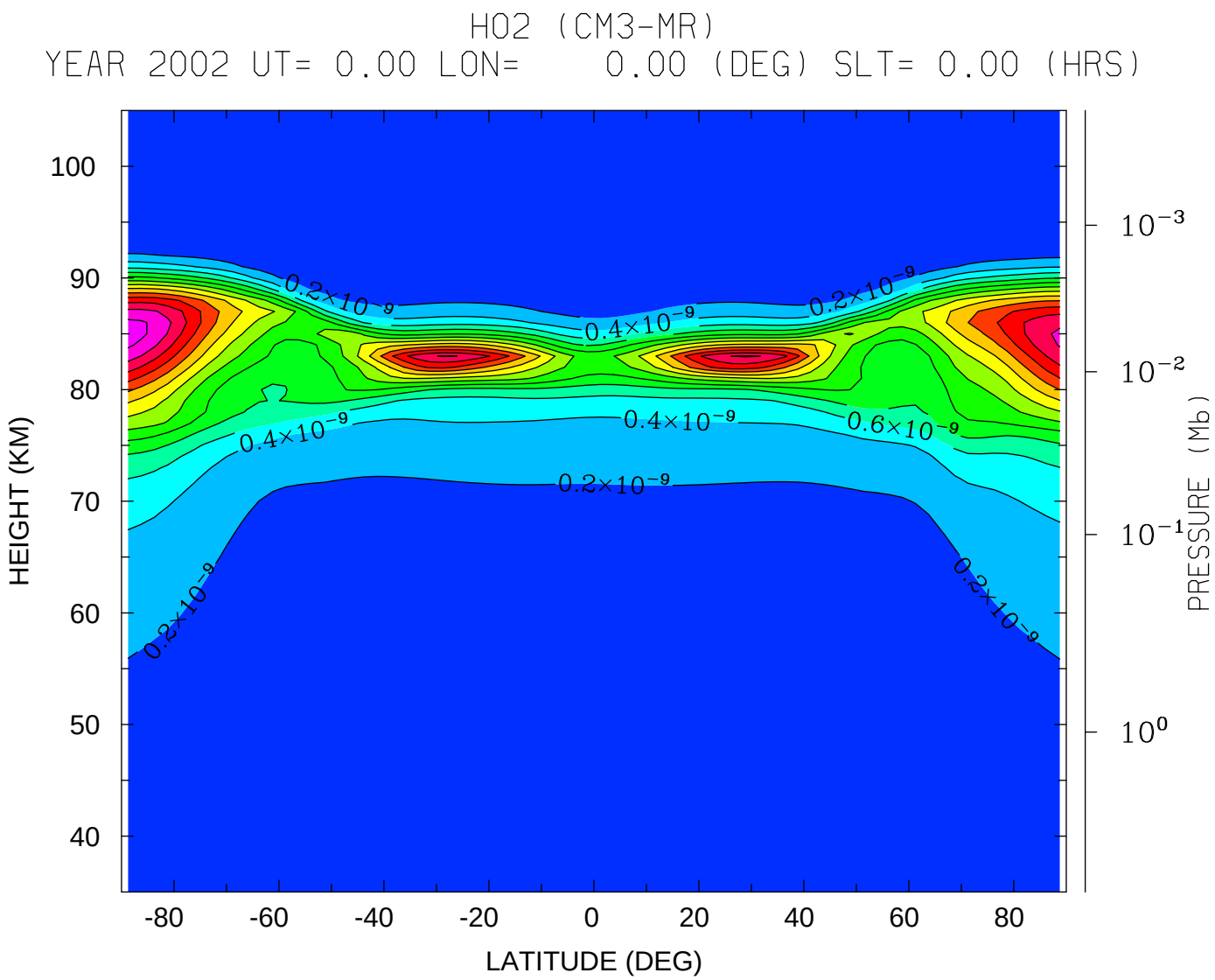
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

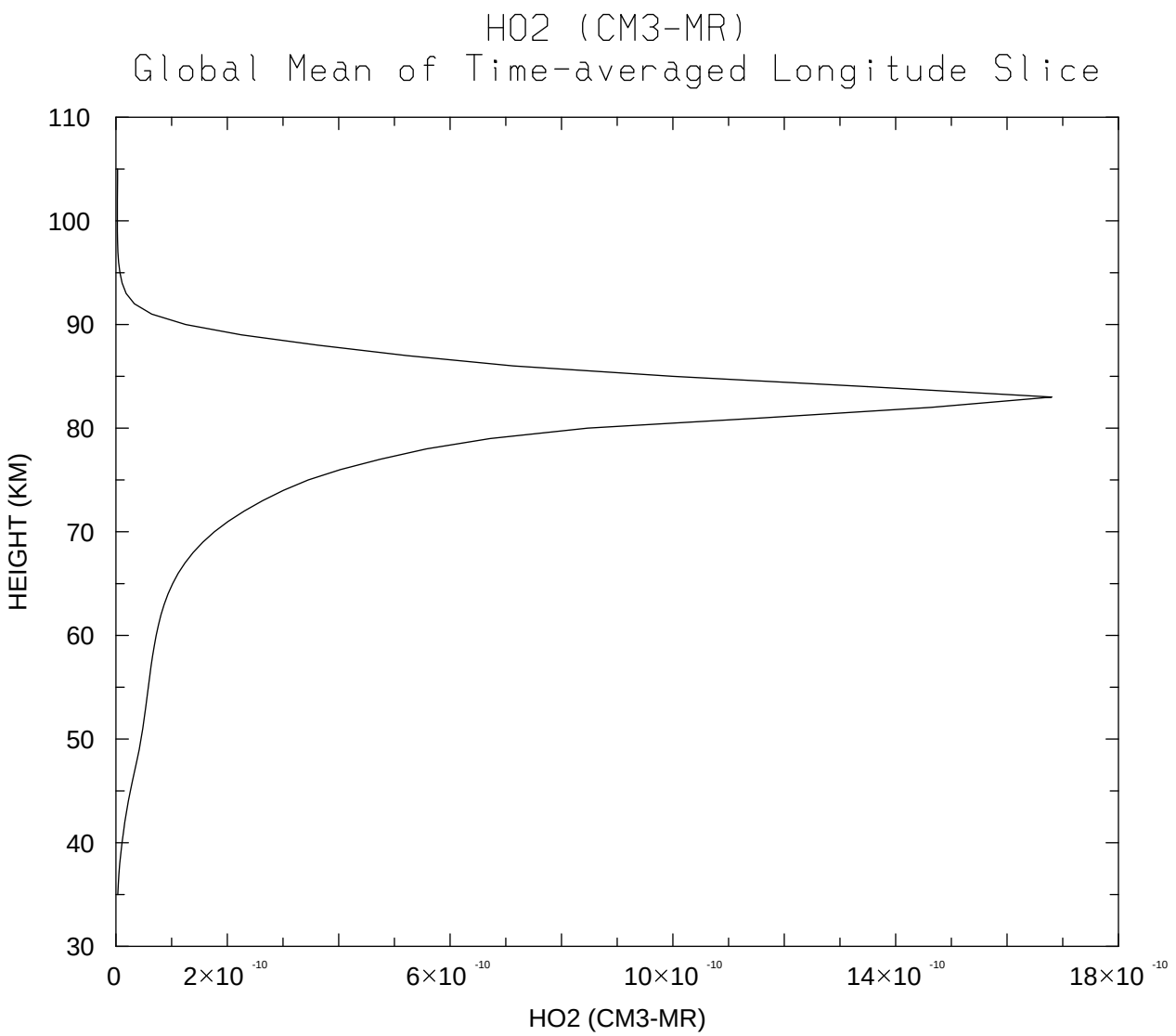
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc


HO2 (CM3-MR)
Global Mean of Time-averaged Longitude Slice
110
100
90
80
70
60
50
40
30
HEIGHT (KM)
0
5×10 -10
15×10 -10
25×10 -10
35×10 -10
45×10 -10
HO2 (CM3-MR)
MIN,MAX= 0.2510E-11, 0.4141E-08
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

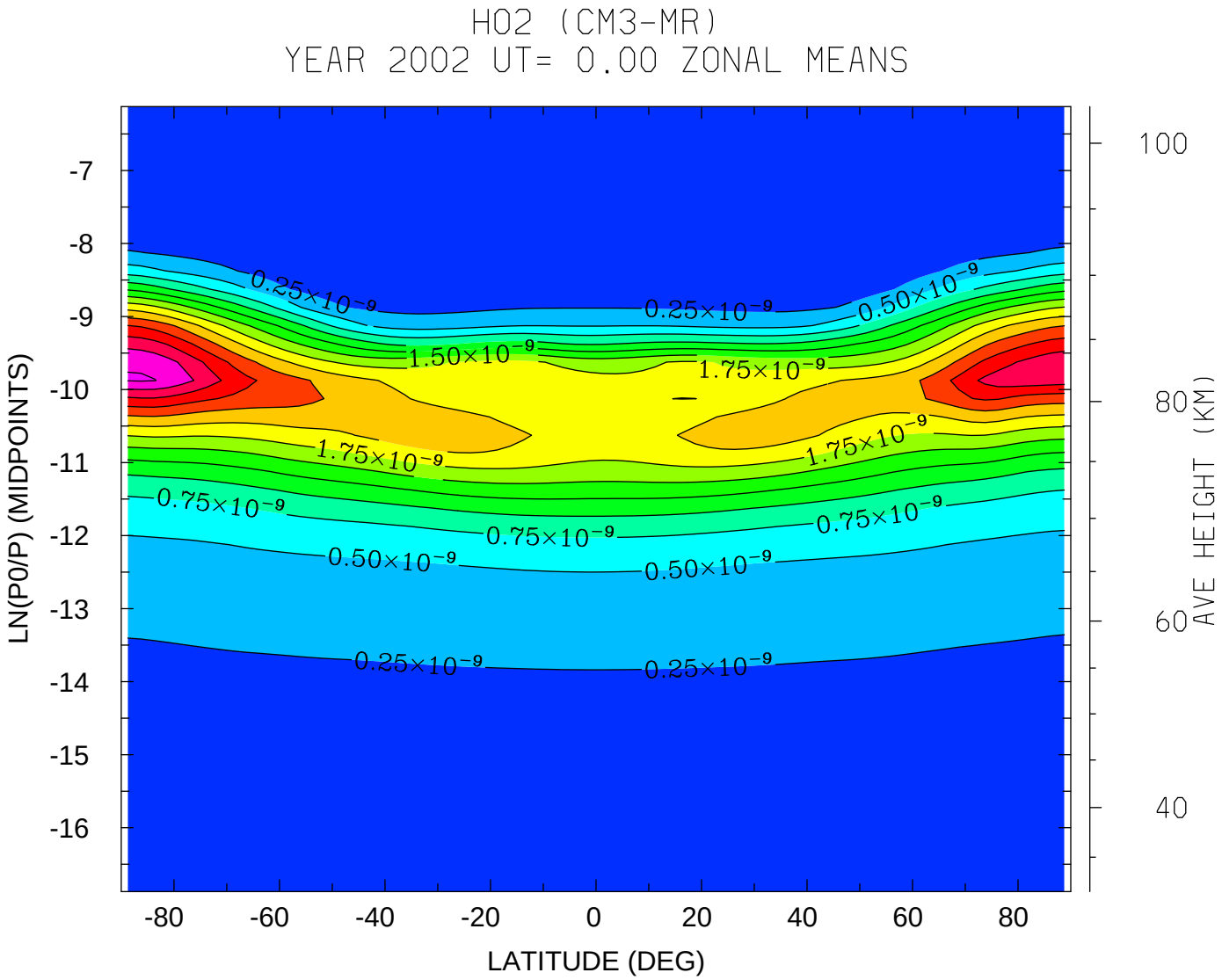

HO2 (CM3-MR)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (MIDPOINTS)
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
AVE HEIGHT (KM)
100
80
60
40
0.25×10⁻⁹
0.75×10⁻⁹
0.50×10⁻⁹
1.00×10⁻⁹
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
MIN,MAX= 1.3416E-12 3.2288E-09 INTERVAL= 2.5000E-10
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc


HO2 (CM3-MR)
Global Mean of Time-averaged Longitude Slice
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
LN(P0/P) (MIDPOINTS)
0
2×10 -10
6×10 -10
10×10 -10
14×10 -10
18×10 -10
HO2 (CM3-MR)
MIN,MAX= 0.1692E-11, 0.1988E-08
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)


HO2 (CM3-MR)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
HEIGHT (KM)
100
90
80
70
60
50
40
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
PRESSURE (Mb)
10^{-3}
10^{-2}
10^{-1}
10^{0}
0.2×10^{-9}
0.4×10^{-9}
0.6×10^{-9}
MIN,MAX= 2.2853E-12 2.6964E-09 INTERVAL= 2.0000E-10
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



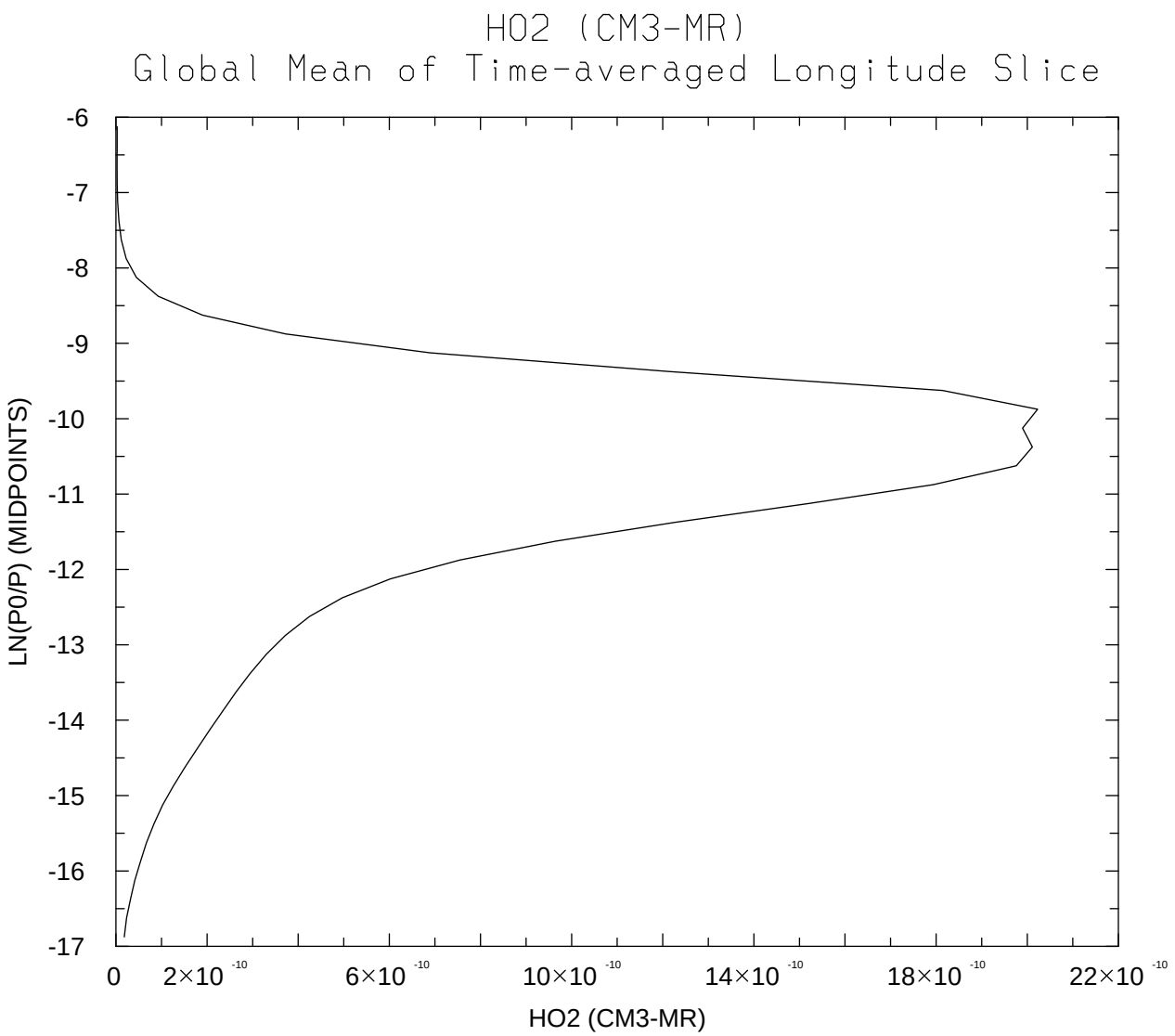
MIN,MAX= 0.2563E-11, 0.1680E-08
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)



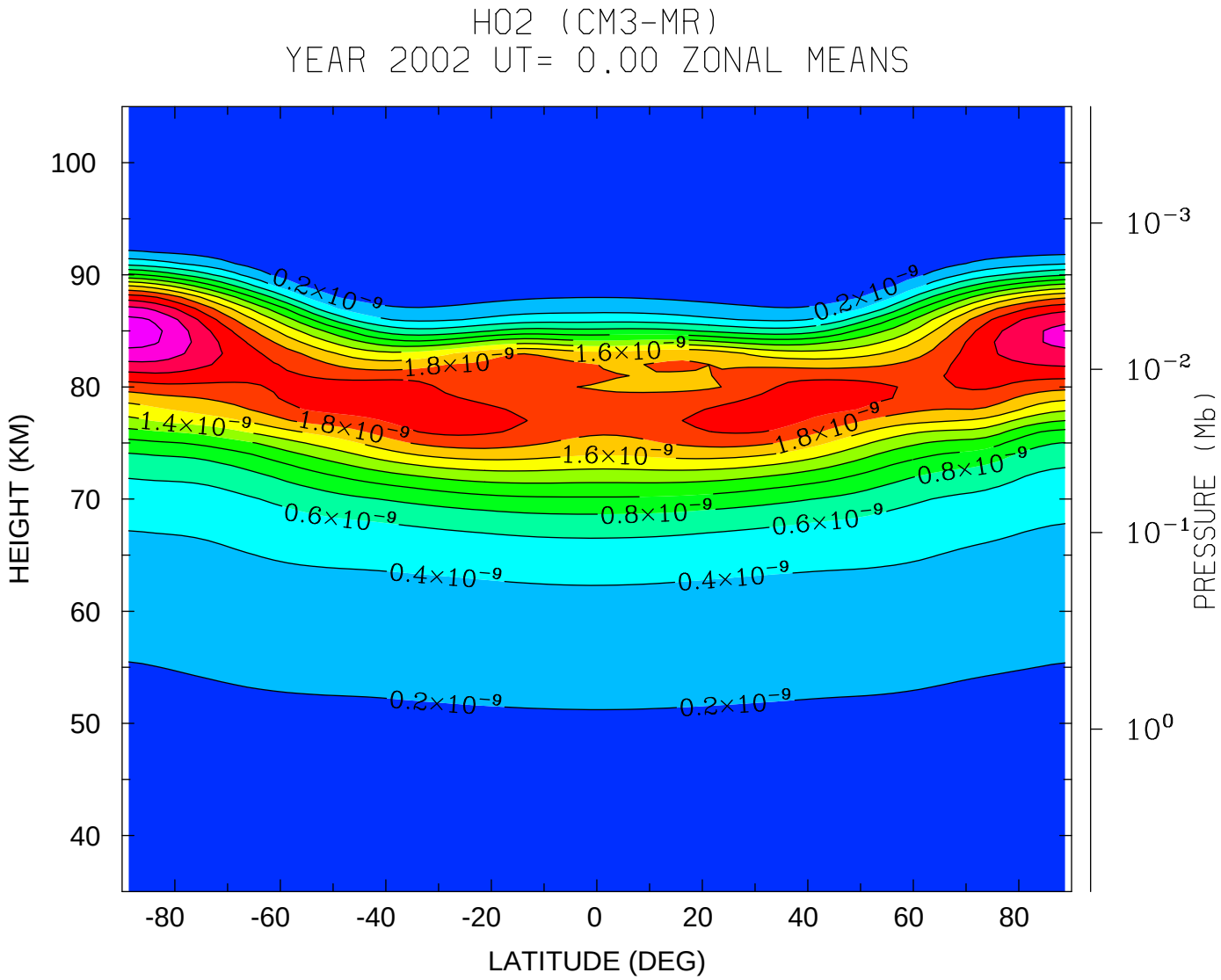
MIN,MAX= 2.3617E-12 3.2707E-09 INTERVAL= 2.5000E-10

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



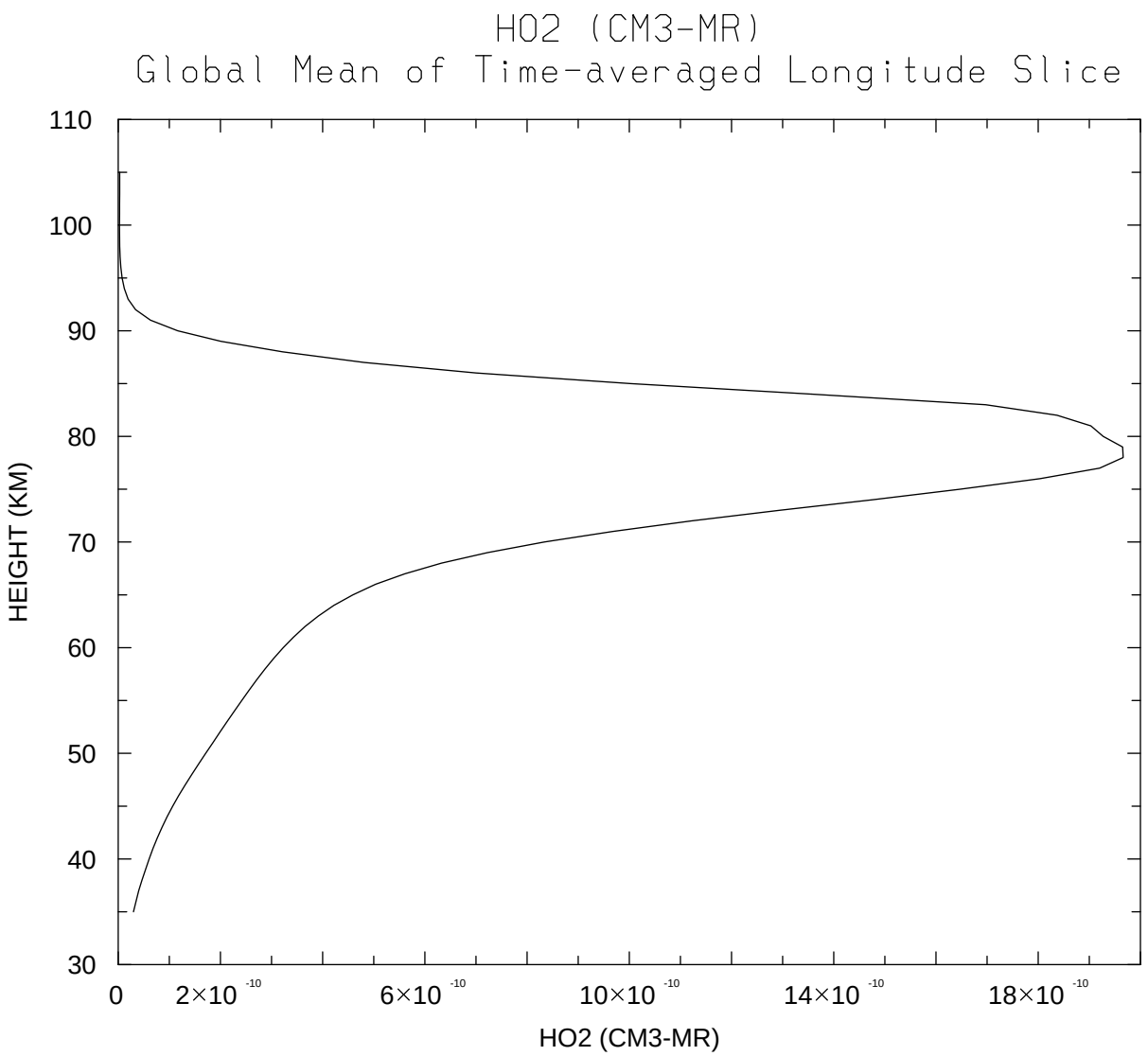
MIN,MAX= 0.2510E-11, 0.2023E-08
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

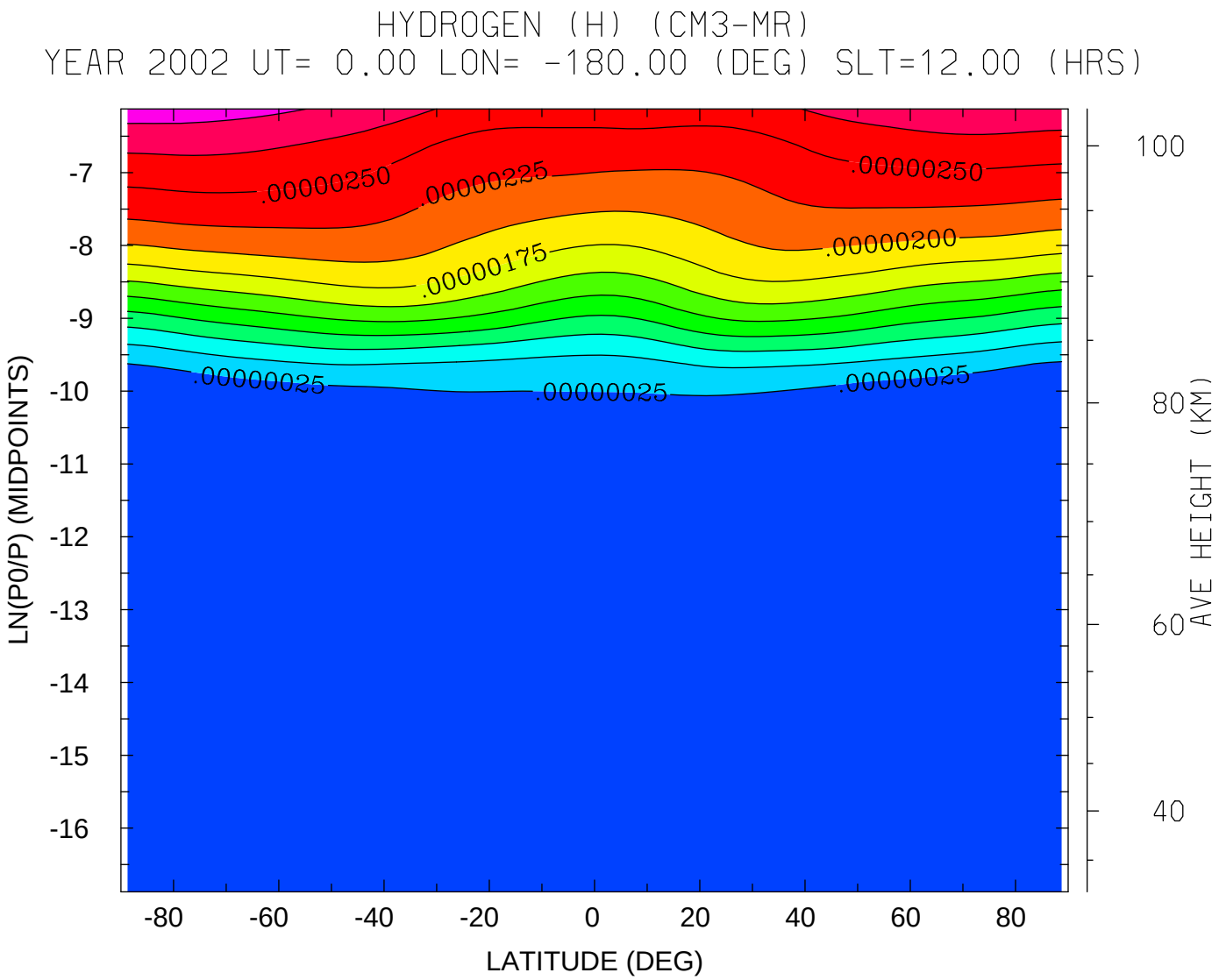


MIN,MAX= 2.3872E-12 2.7111E-09 INTERVAL= 2.0000E-10

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

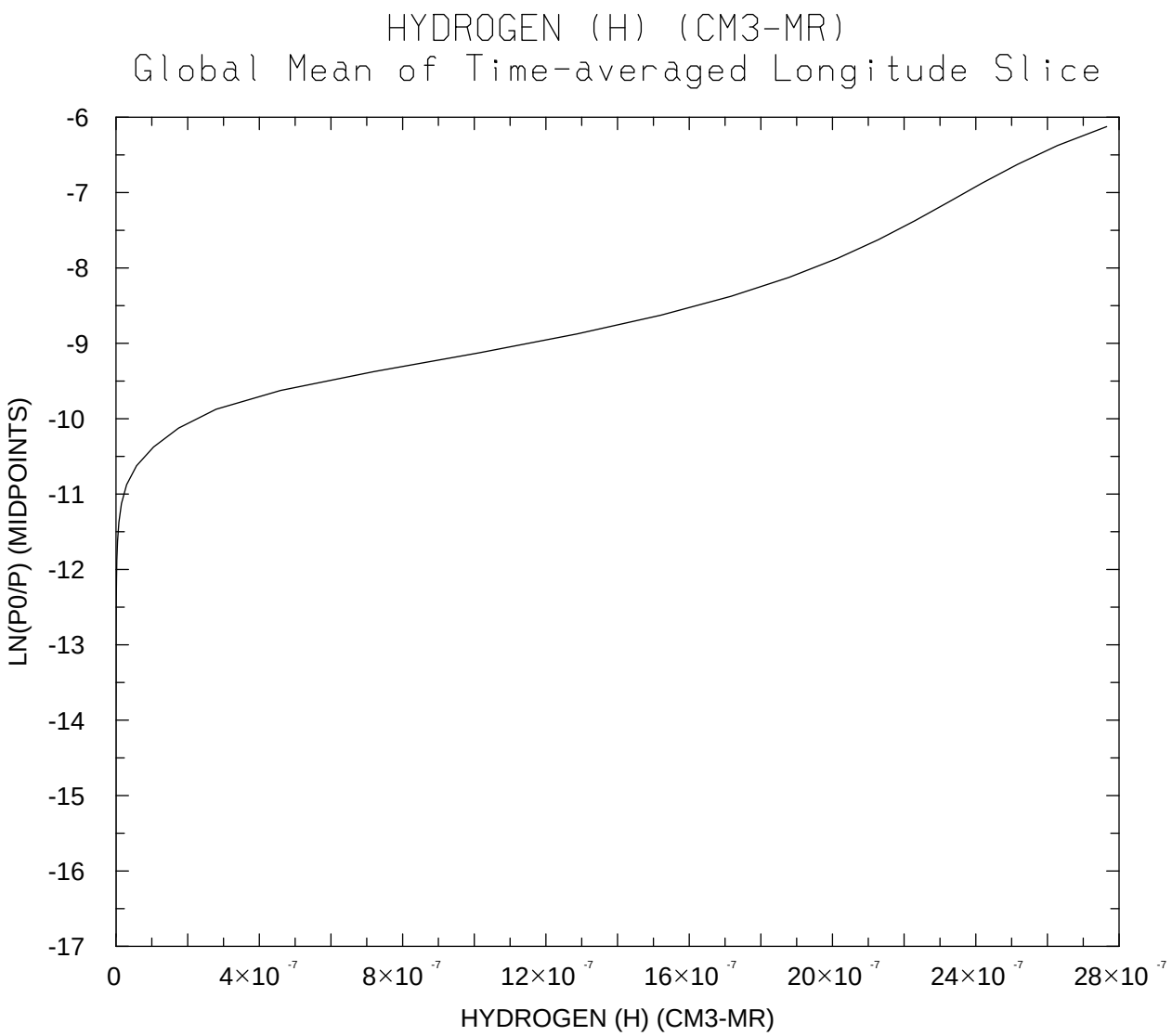

HO2 (CM3-MR)
Global Mean of Time-averaged Longitude Slice
110
100
90
80
70
60
50
40
30
HEIGHT (KM)
0
2×10 -10
6×10 -10
10×10 -10
14×10 -10
18×10 -10
HO2 (CM3-MR)
MIN,MAX= 0.2546E-11, 0.1966E-08
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS



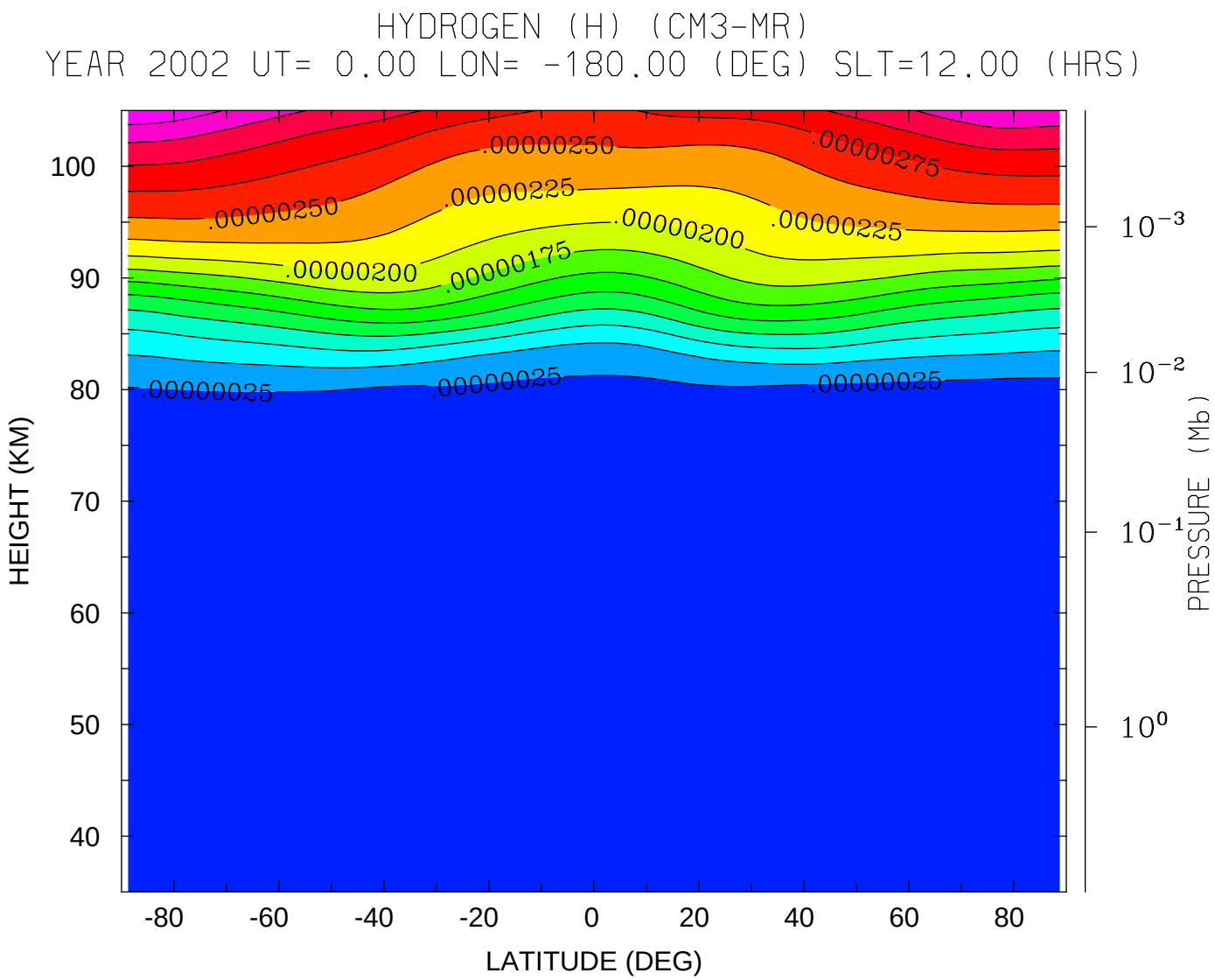
MIN,MAX= 2.3298E-17 3.1469E-06 INTERVAL= 2.5000E-07

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



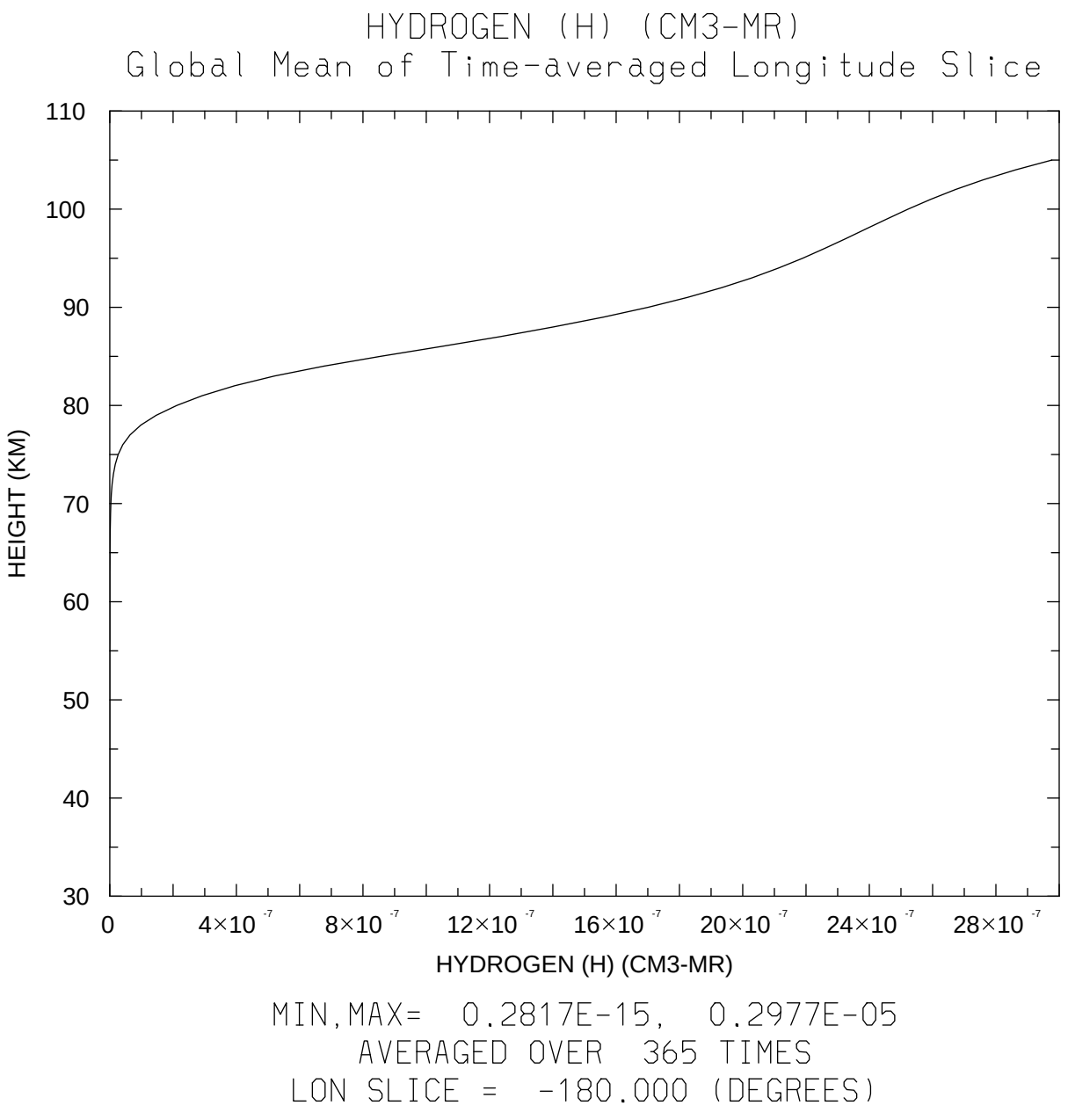
MIN,MAX= 0.3565E-16, 0.2765E-05
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

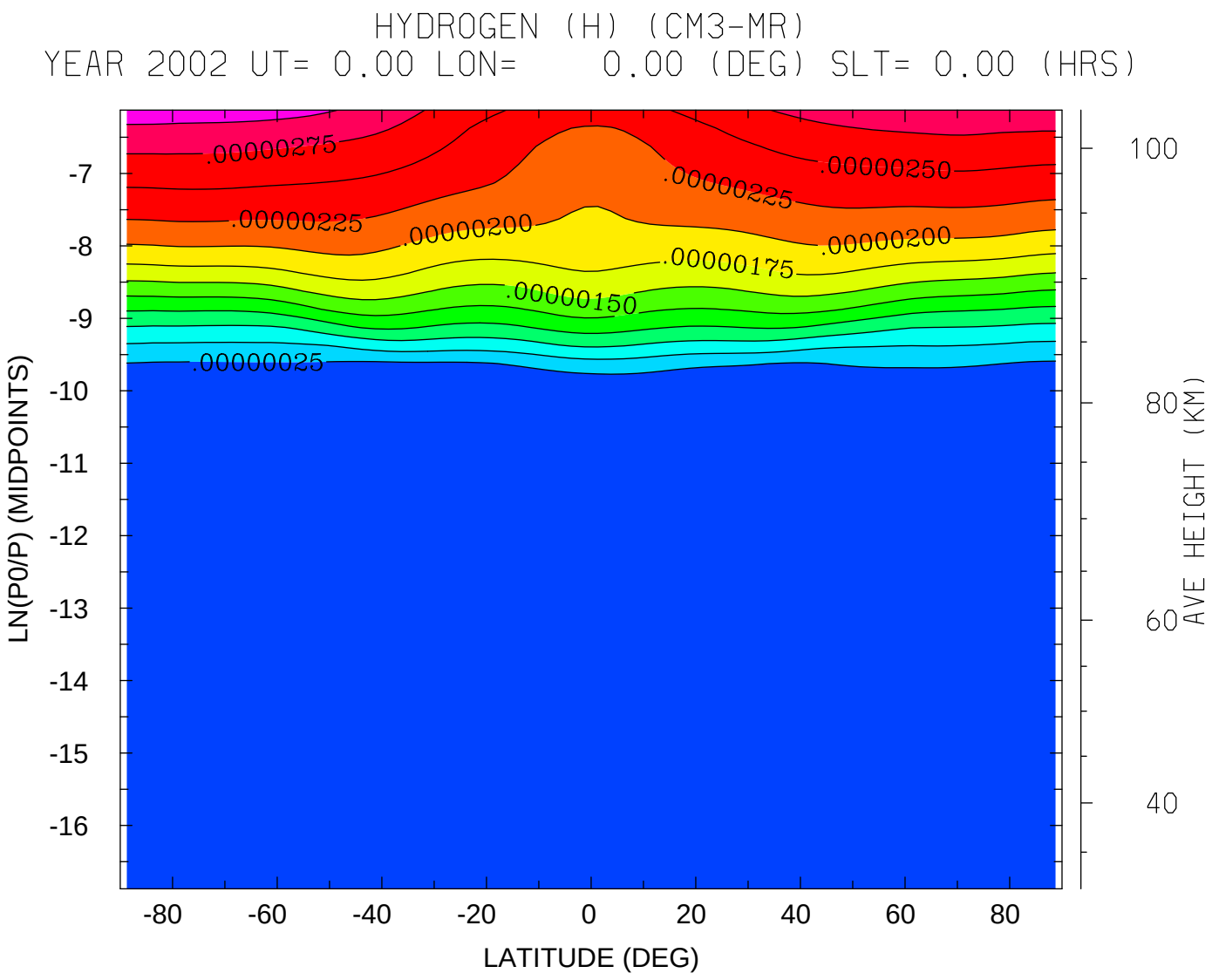


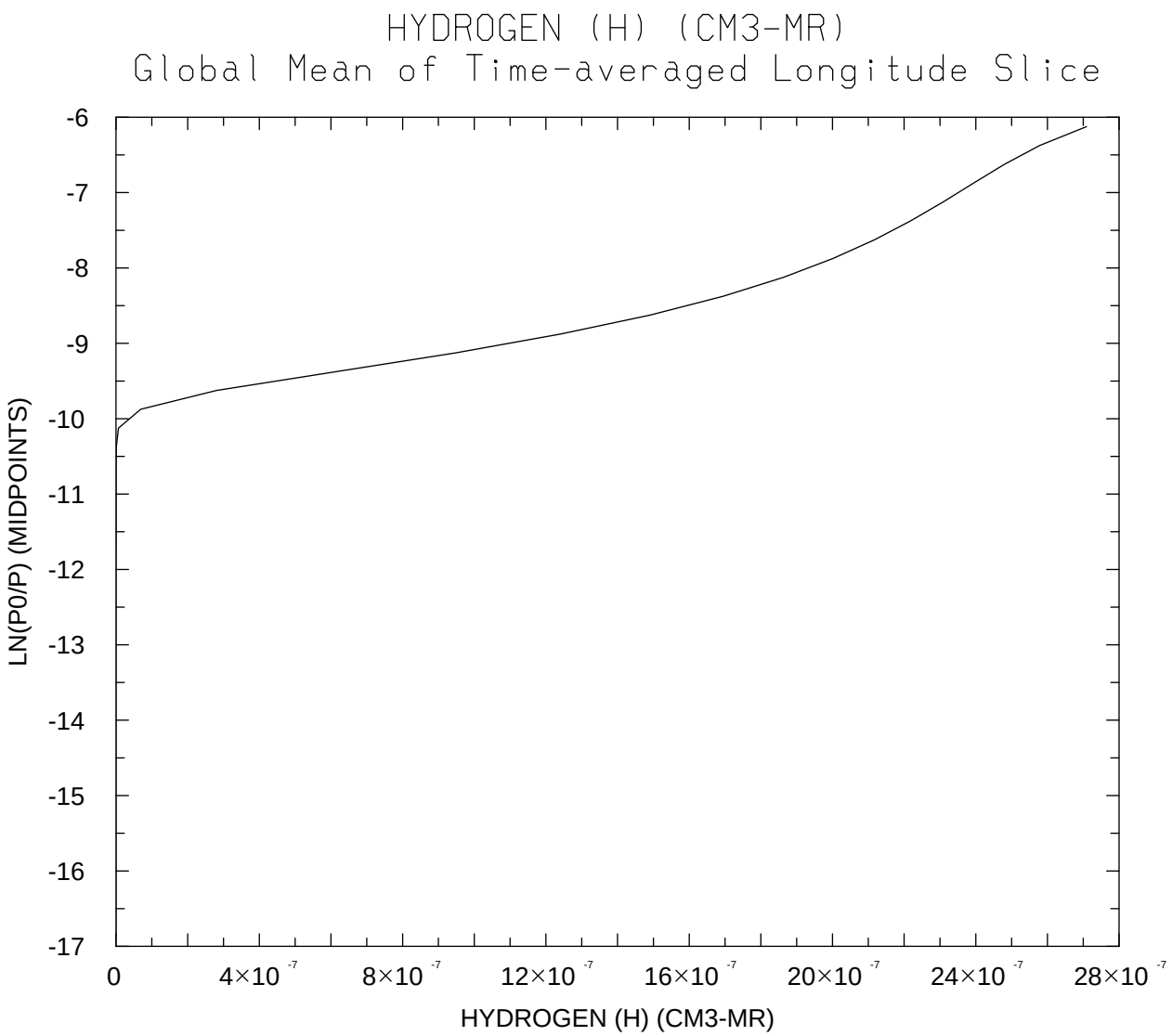
MIN,MAX= 6.7375E-17 3.7438E-06 INTERVAL= 2.5000E-07

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

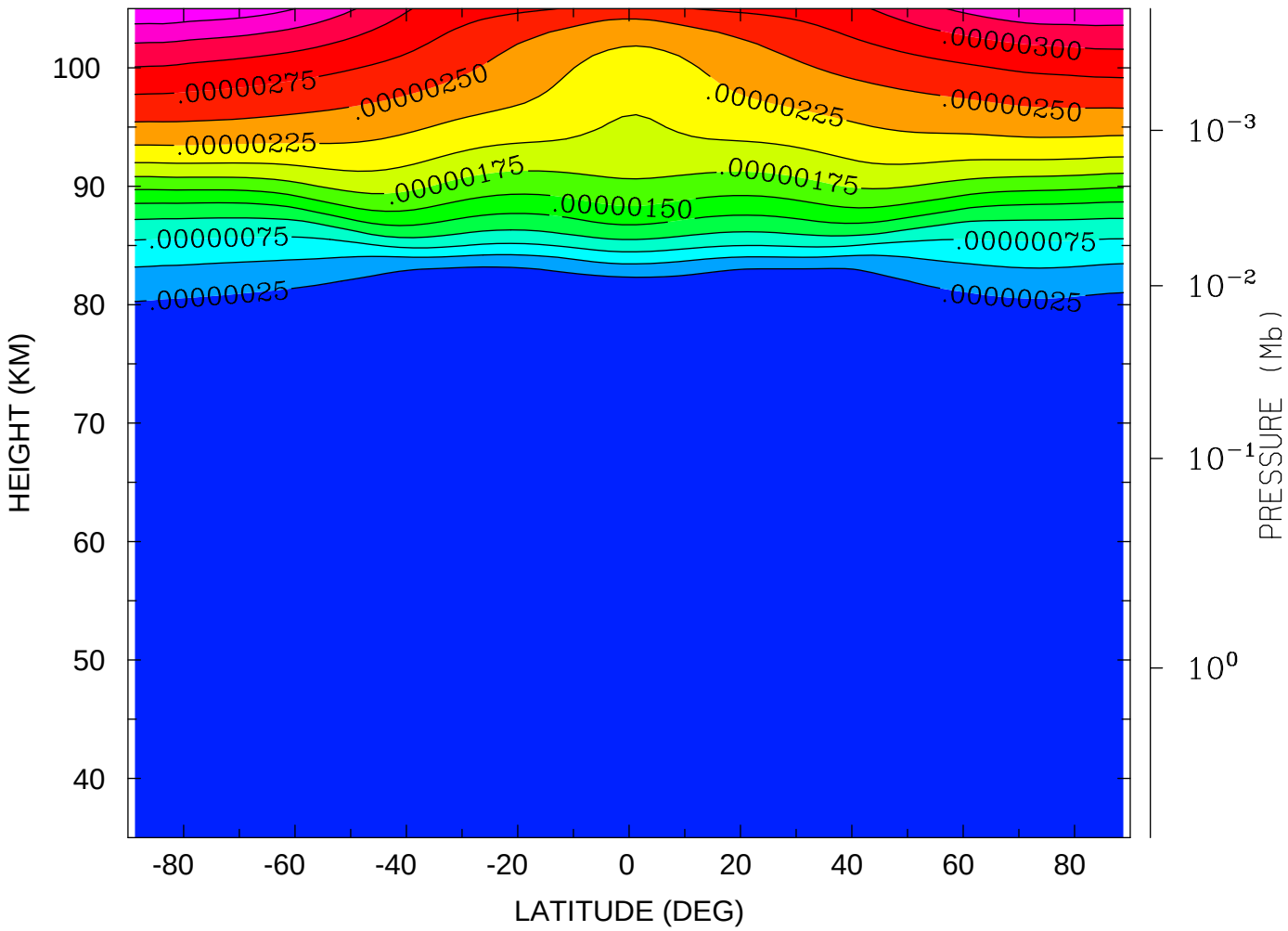

HYDROGEN (H) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
110
100
90
80
70
60
50
40
30
HEIGHT (KM)
0
4×10 -7
8×10 -7
12×10 -7
16×10 -7
20×10 -7
24×10 -7
28×10 -7
HYDROGEN (H) (CM3-MR)
MIN,MAX= 0.2817E-15, 0.2977E-05
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)


HYDROGEN (H) (CM3-MR)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
.00000275
.00000250
.00000225
.00000225
.00000200
.00000200
.00000175
.00000150
.00000025
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
LN(P0/P) (MIDPOINTS)
100
80
60
40
AVE HEIGHT (KM)
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
MIN,MAX= 1.9176E-19 3.1477E-06 INTERVAL= 2.5000E-07
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

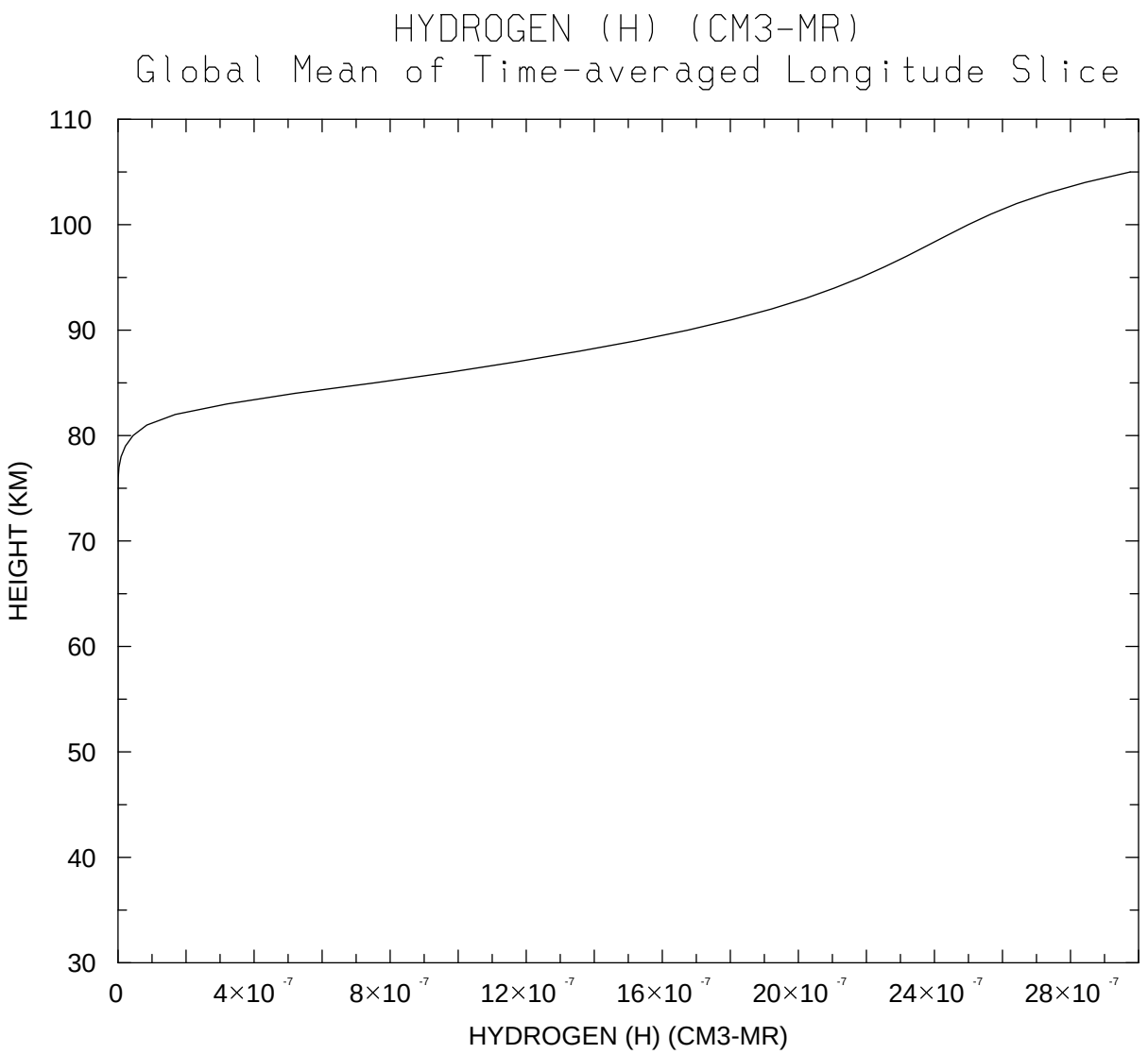


MIN,MAX= 0.9393E-18, 0.2709E-05
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

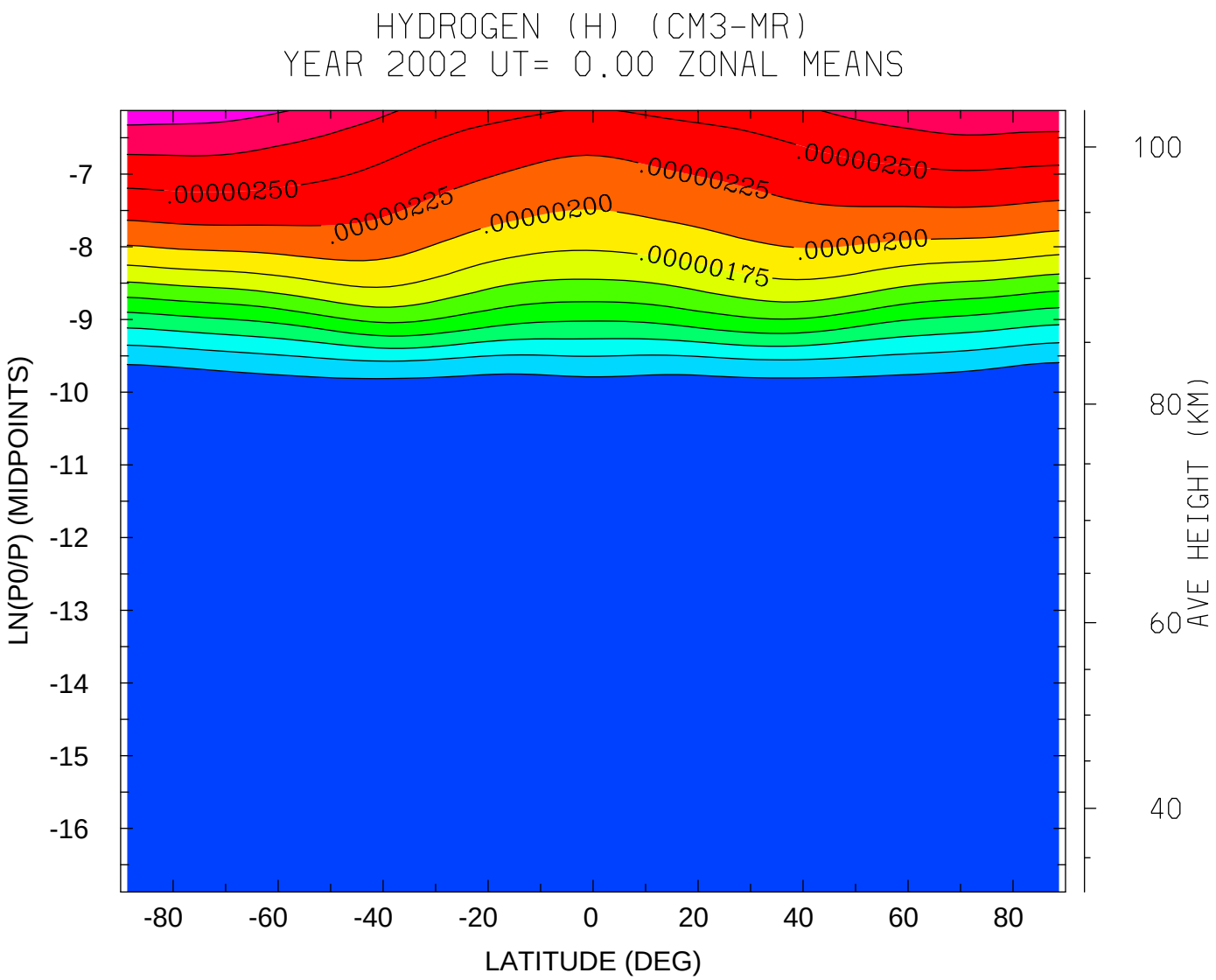
HYDROGEN (H) (CM3-MR)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



MIN,MAX= 5.9549E-19 3.7472E-06 INTERVAL= 2.5000E-07
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



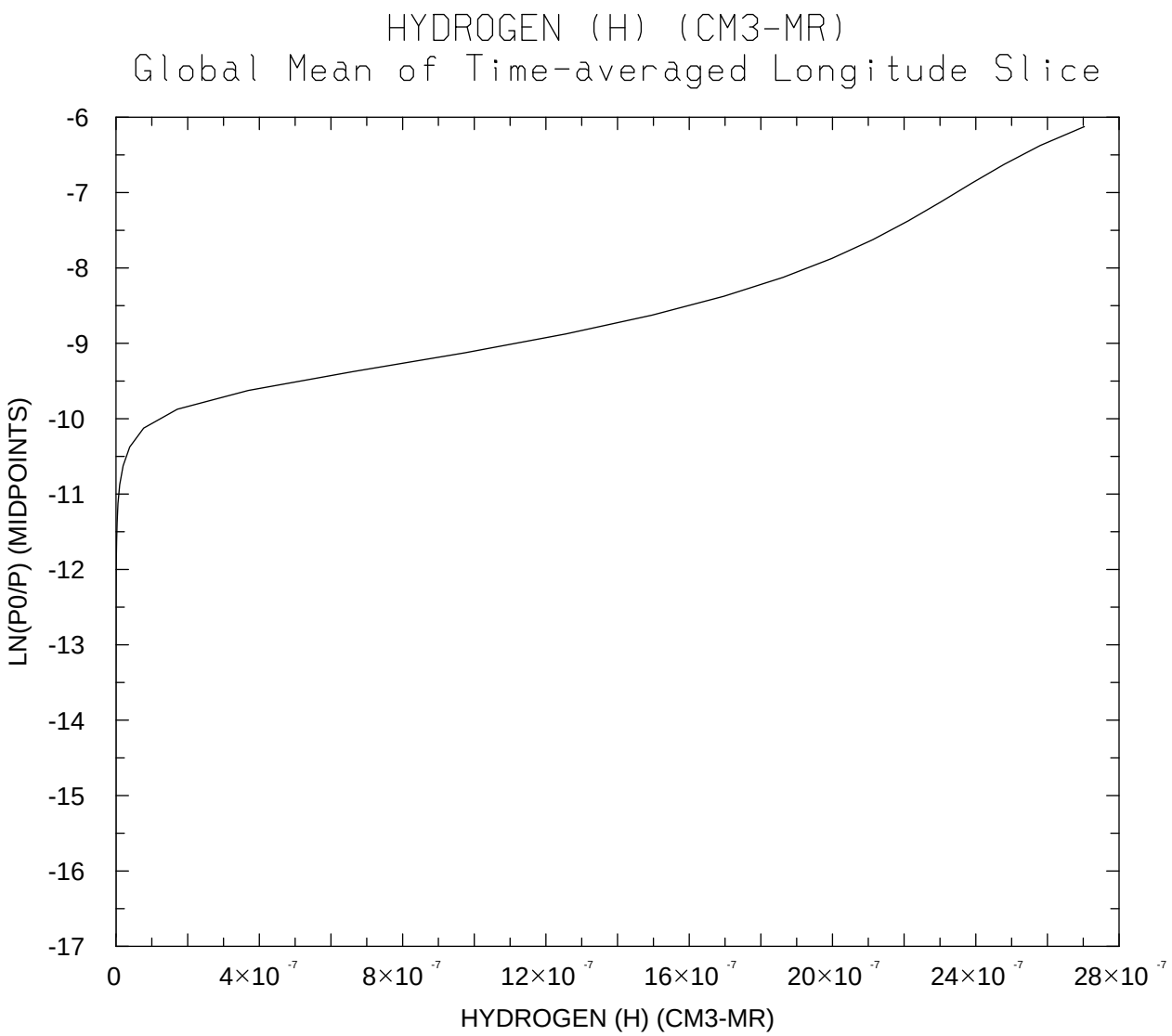
MIN,MAX= 0.3227E-17, 0.2976E-05
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)



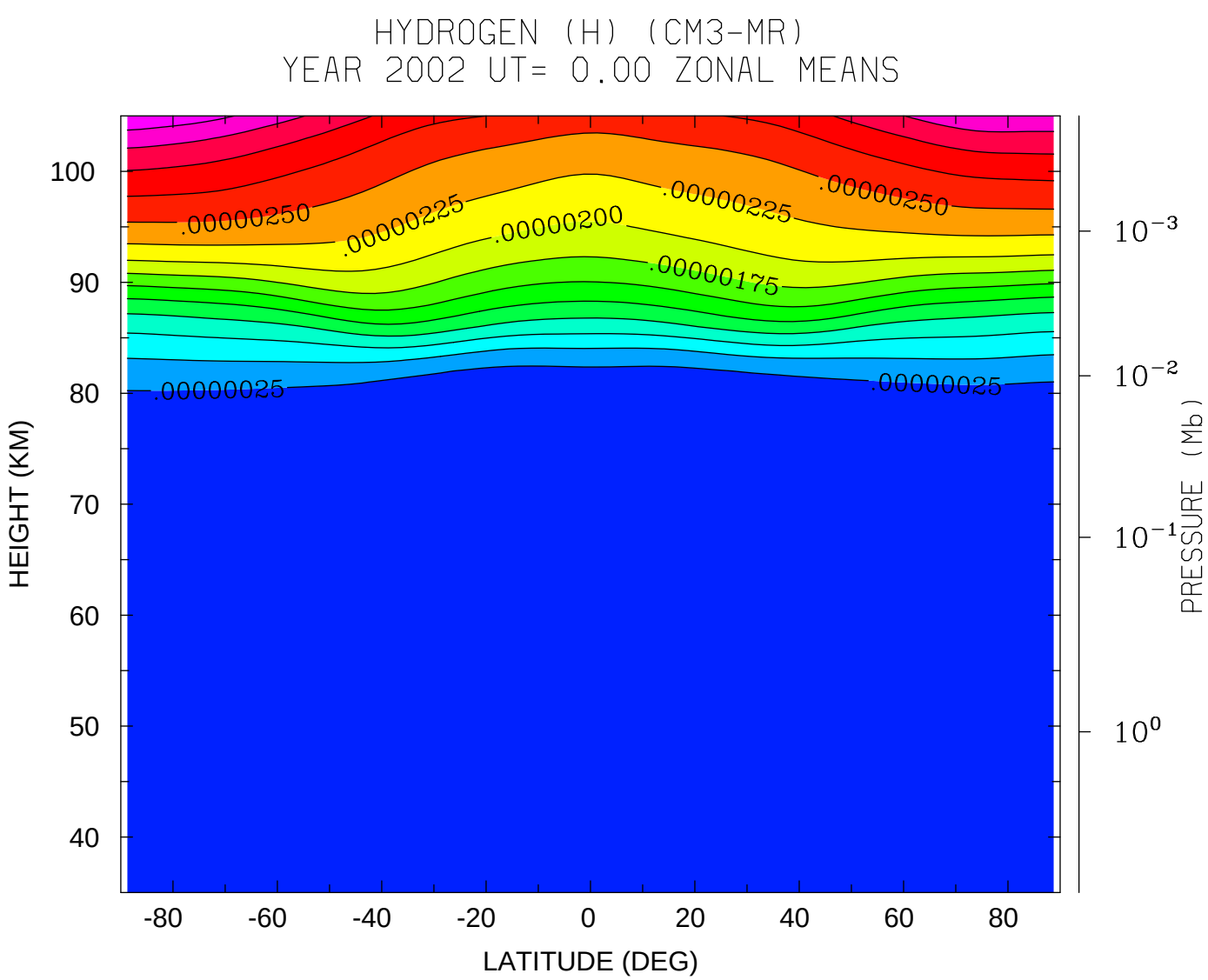
MIN,MAX= 9.0824E-18 3.1476E-06 INTERVAL= 2.5000E-07

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



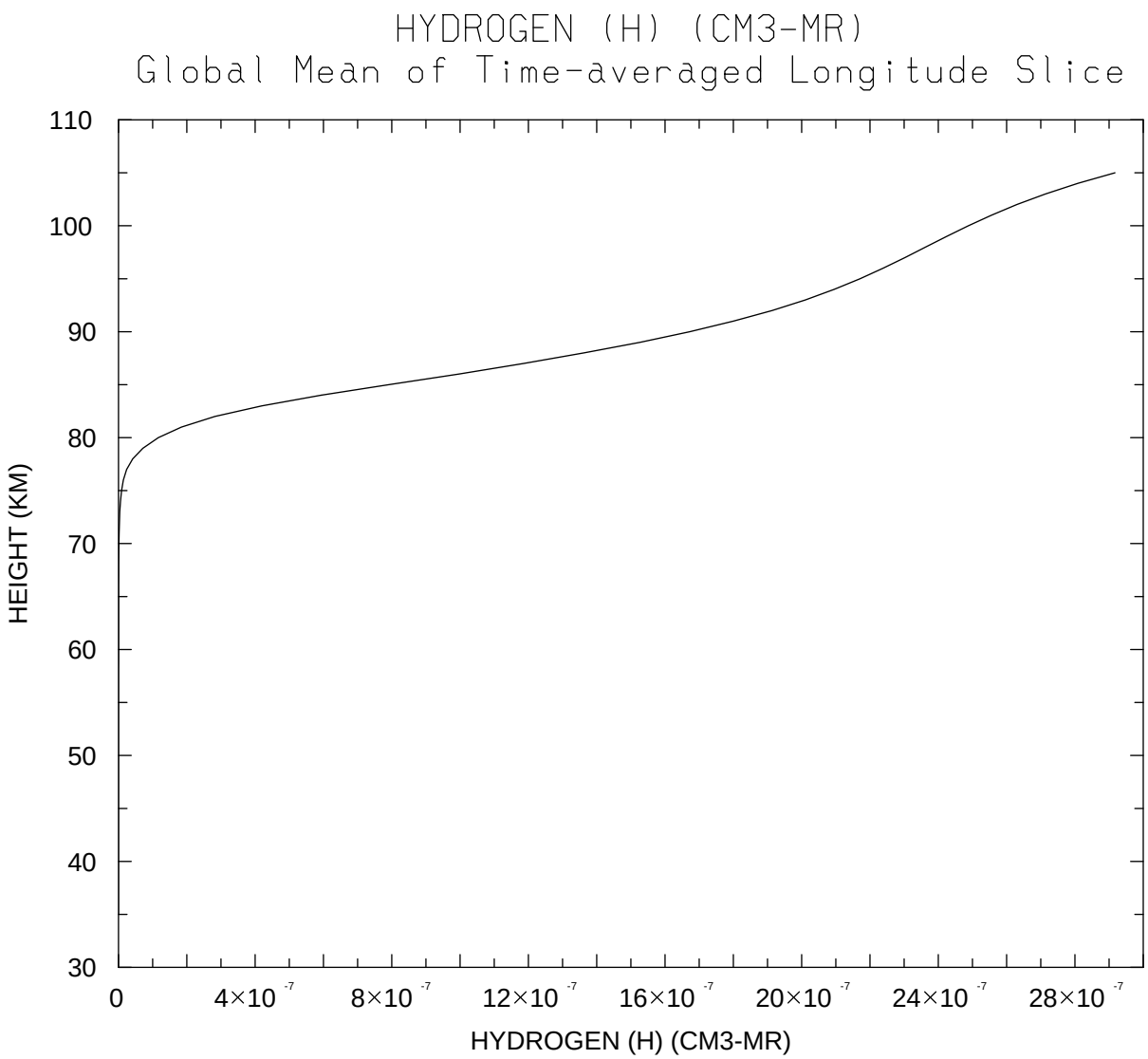
MIN,MAX= 0.1324E-16, 0.2703E-05
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS



MIN,MAX= 6.3609E-17 3.7464E-06 INTERVAL= 2.5000E-07

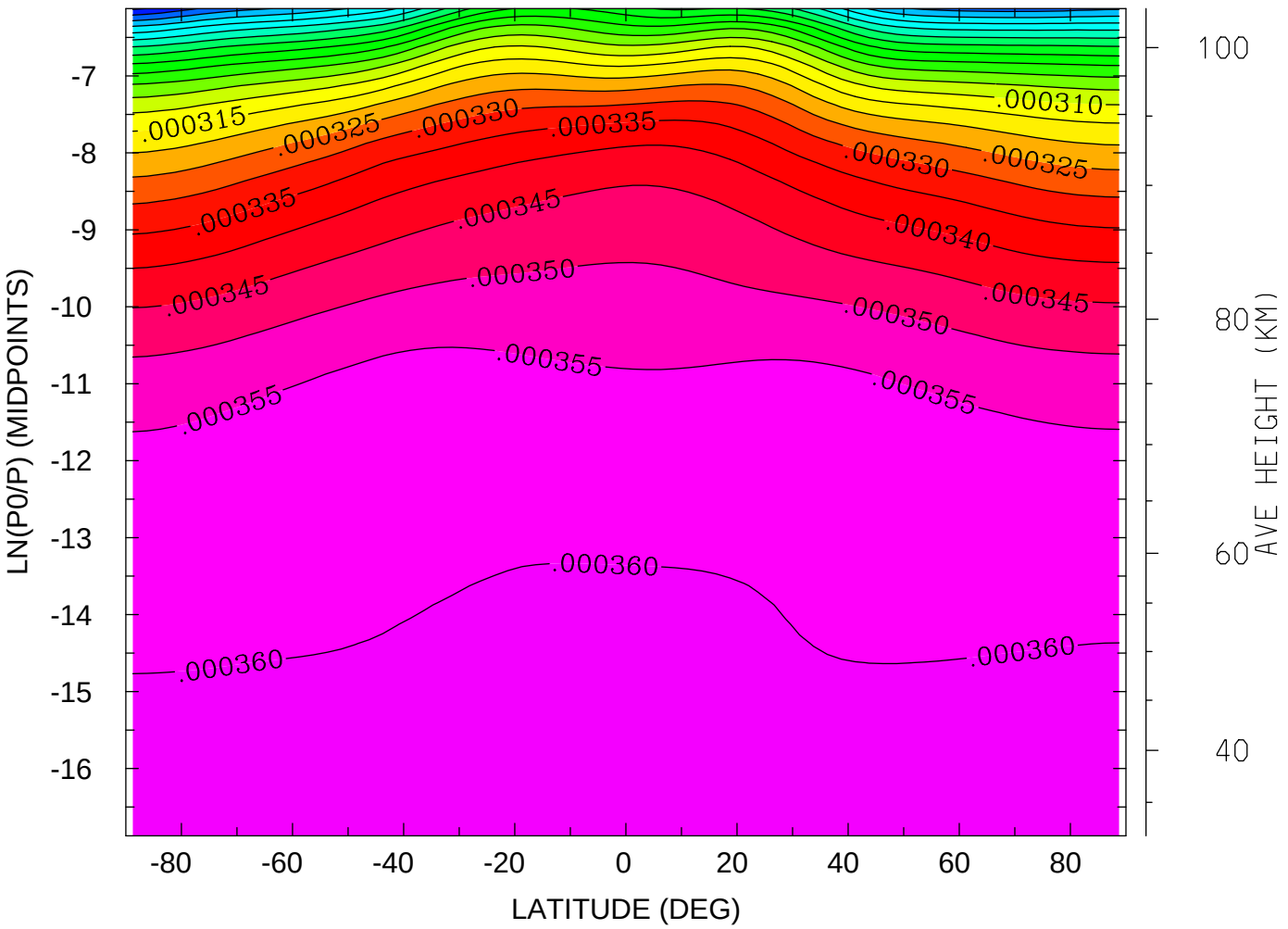
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

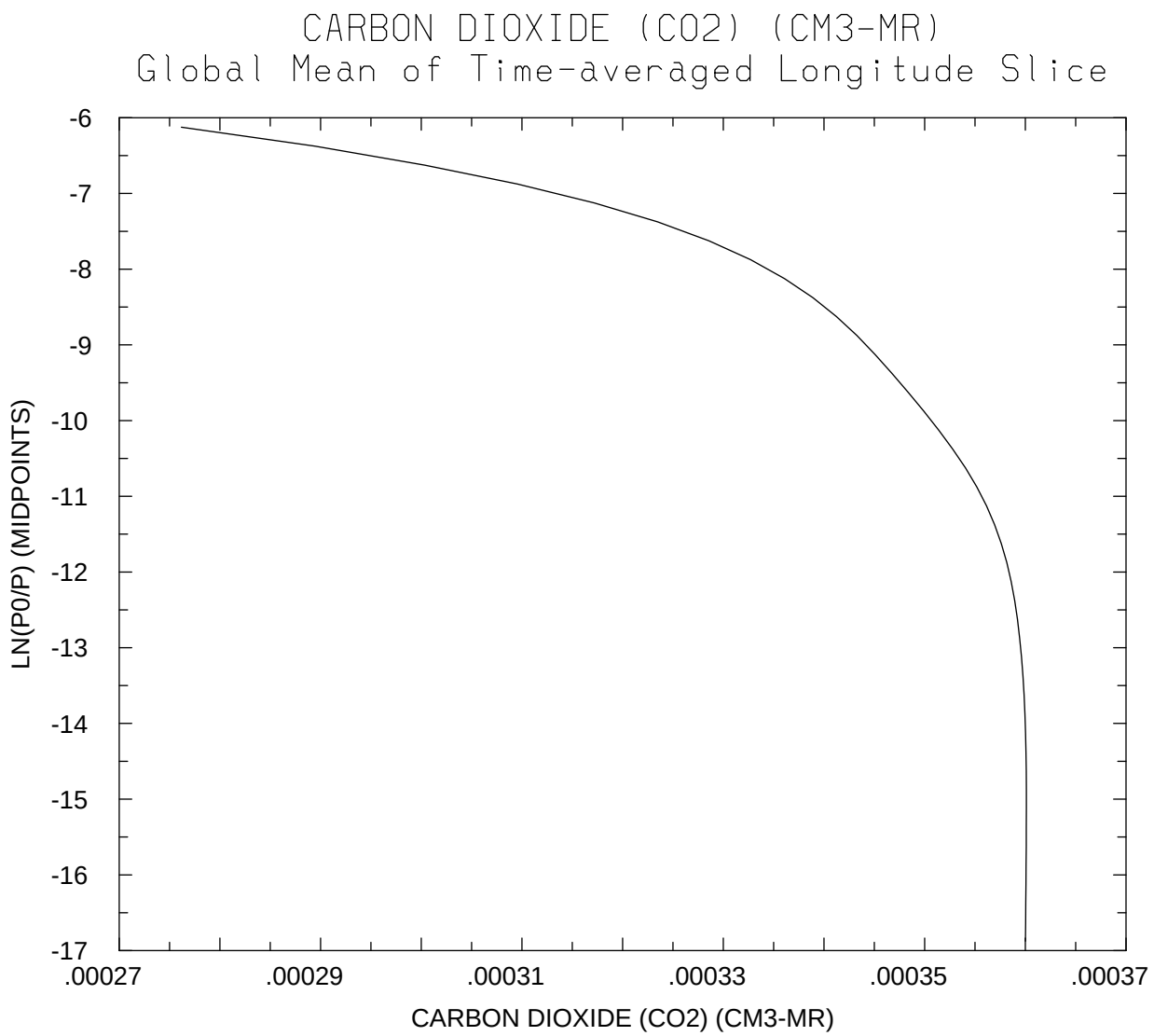


MIN,MAX= 0.9972E-16, 0.2917E-05
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

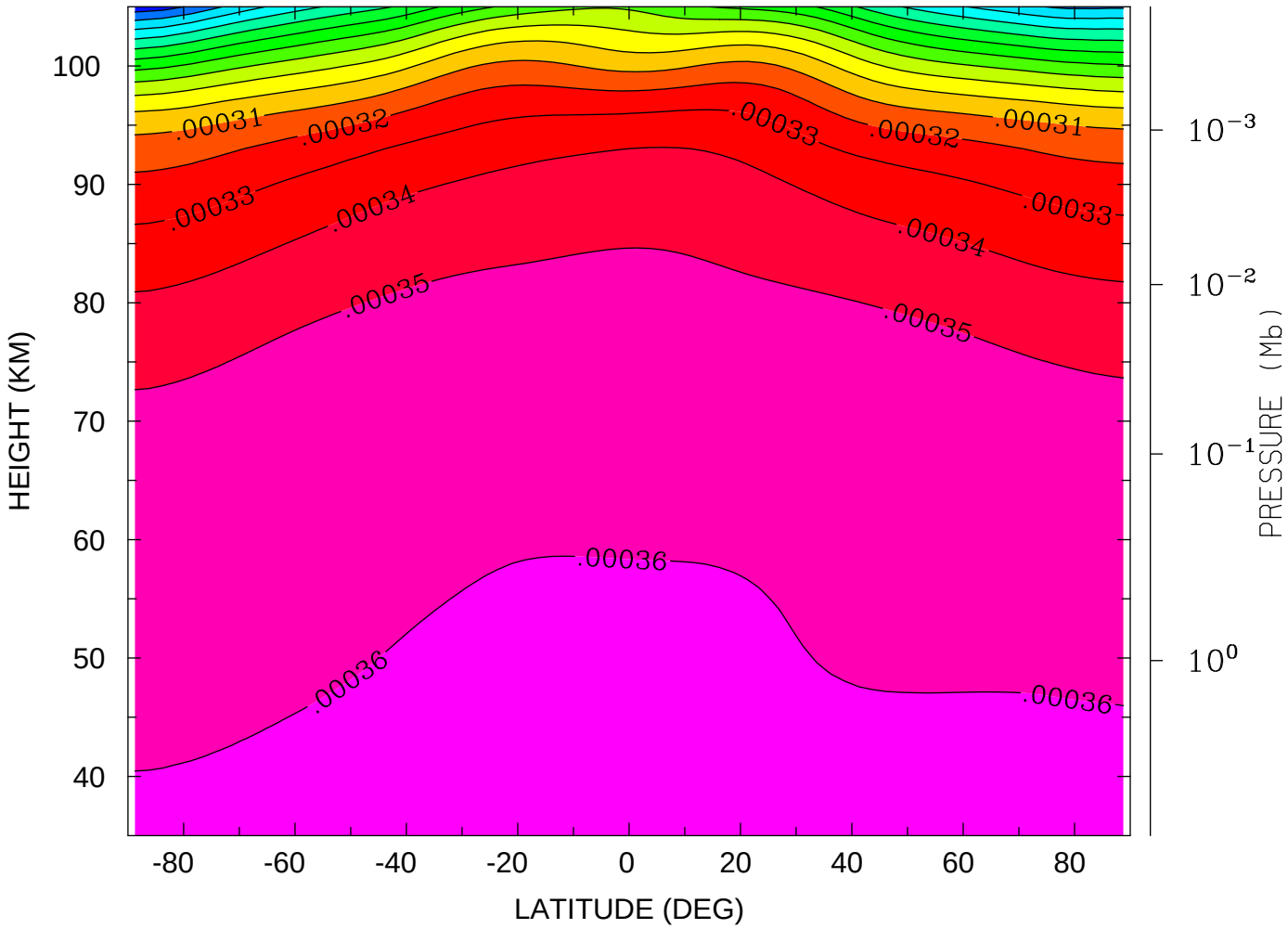
CARBON DIOXIDE (CO2) (CM3-MR)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= 2.4927E-04 3.6017E-04 INTERVAL= 5.0000E-06
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

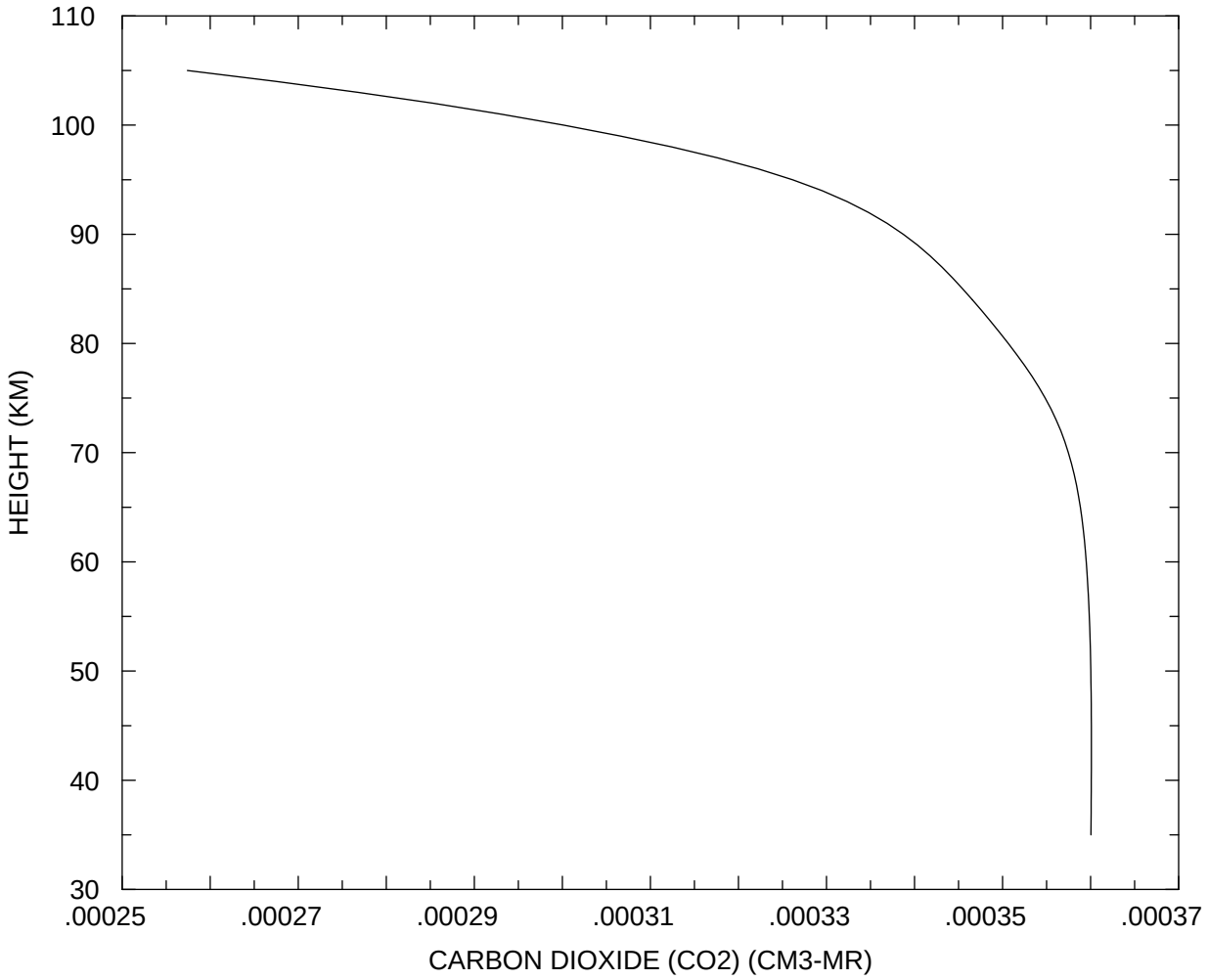

CARBON DIOXIDE (CO2) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
LN(P0/P) (MIDPOINTS)
.00027
.00029
.00031
.00033
.00035
.00037
CARBON DIOXIDE (CO2) (CM3-MR)
MIN,MAX= 0.2762E-03, 0.3601E-03
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

CARBON DIOXIDE (CO2) (CM3-MR)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



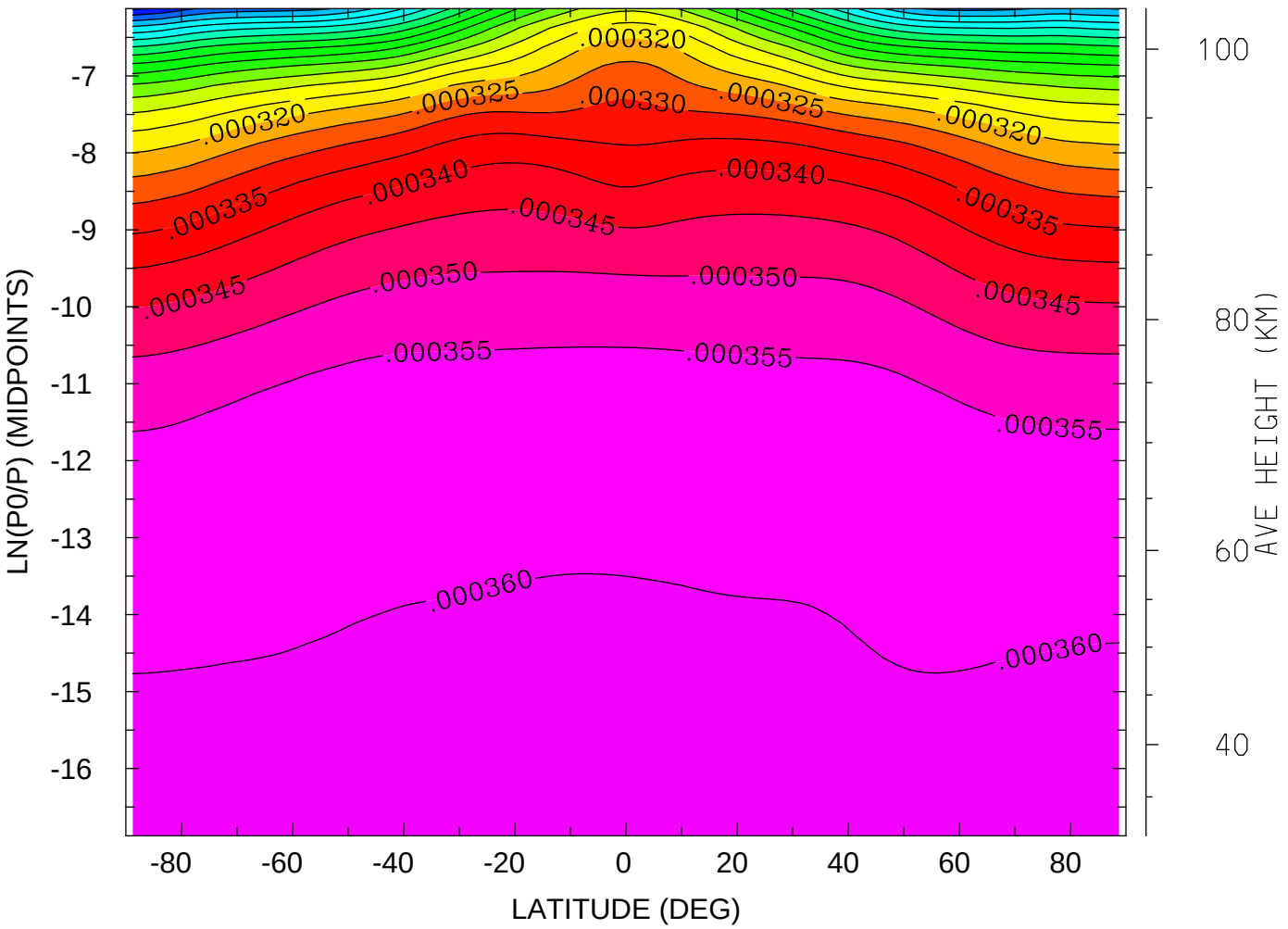
MIN,MAX= 2.0347E-04 3.6017E-04 INTERVAL= 1.0000E-05
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

CARBON DIOXIDE (CO2) (CM3-MR)
Global Mean of Time-averaged Longitude Slice



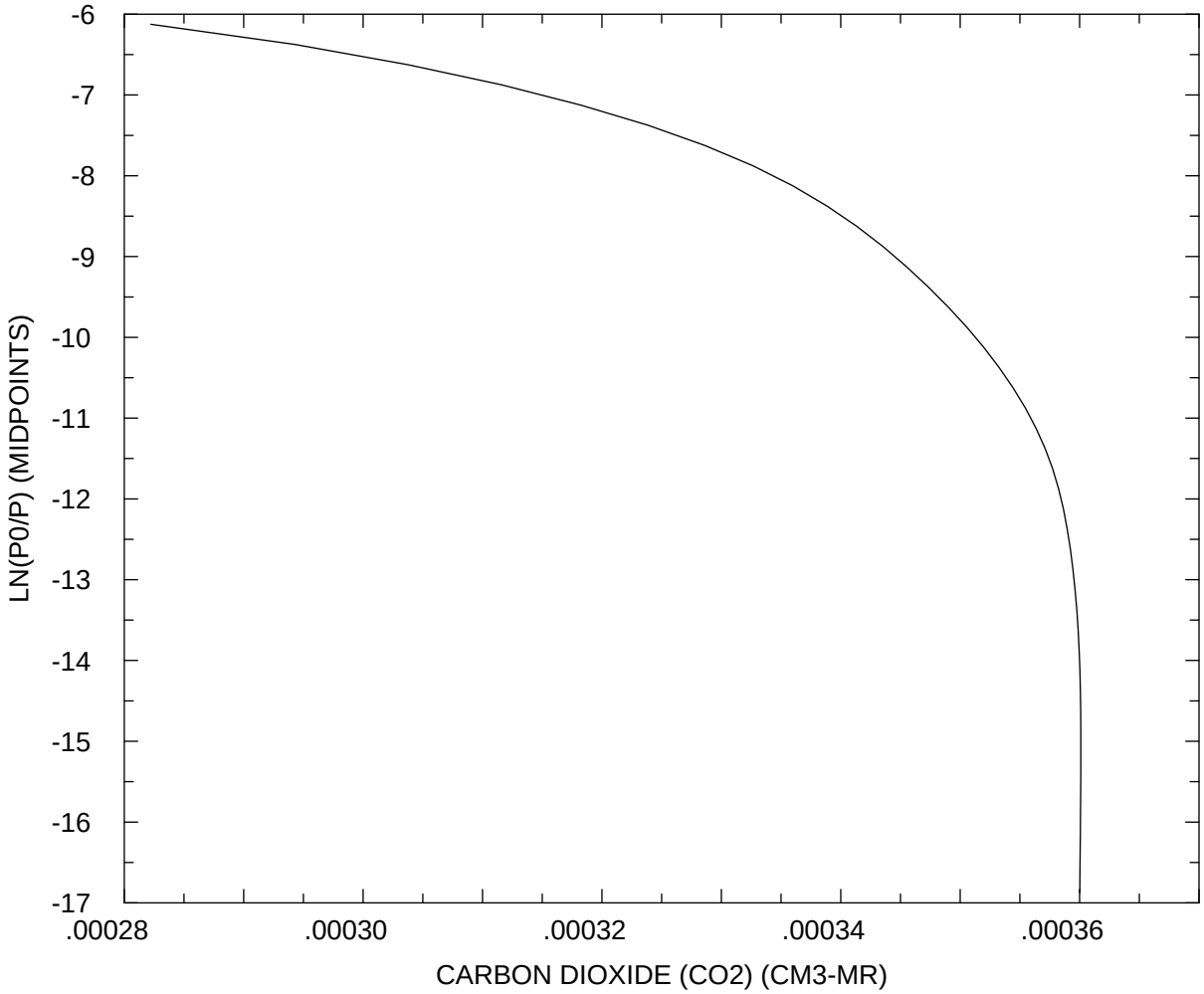
MIN,MAX= 0.2574E-03, 0.3601E-03
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

CARBON DIOXIDE (CO2) (CM3-MR)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



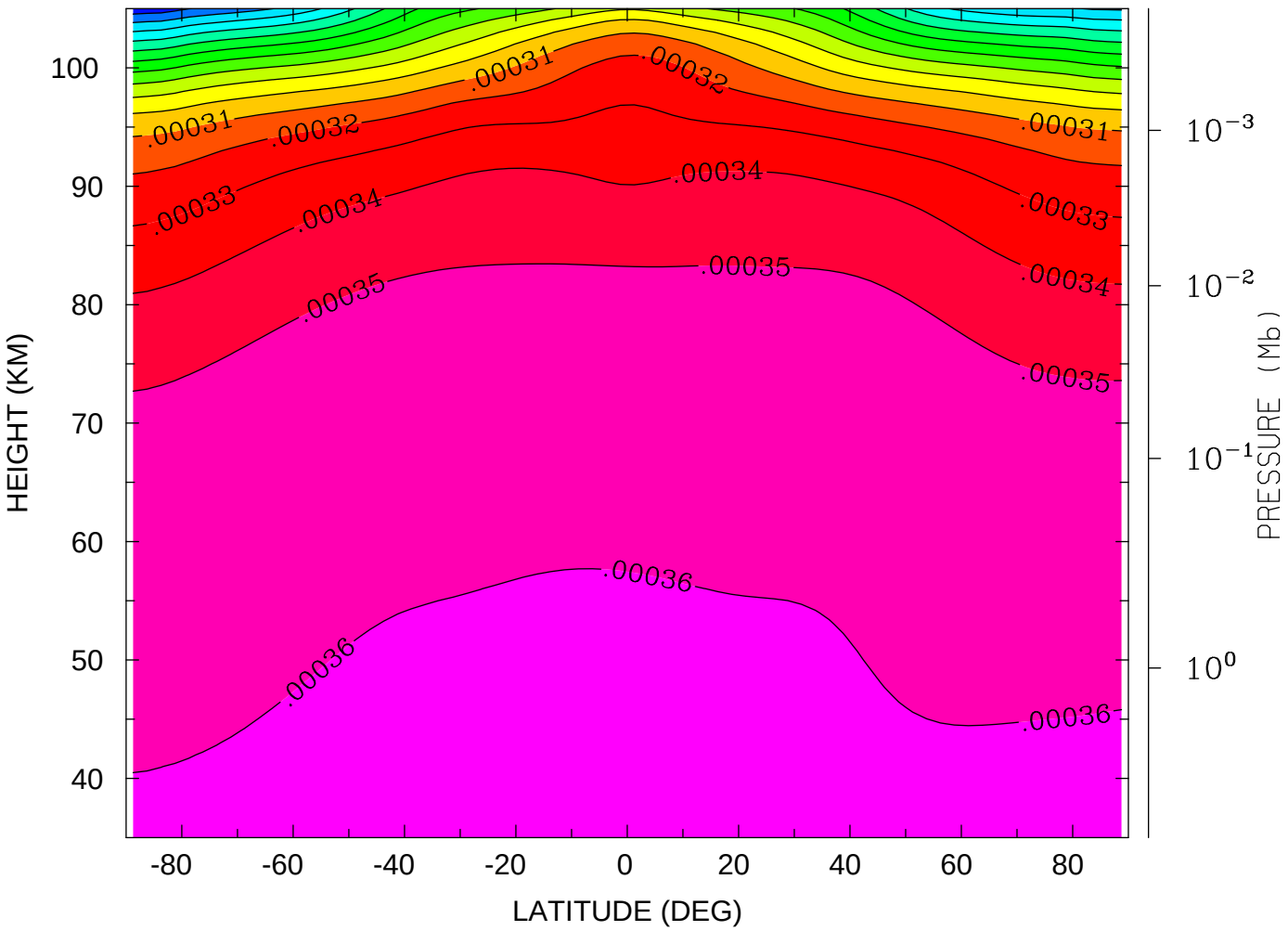
MIN,MAX= 2.4919E-04 3.6017E-04 INTERVAL= 5.0000E-06
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

CARBON DIOXIDE (CO2) (CM3-MR)
Global Mean of Time-averaged Longitude Slice



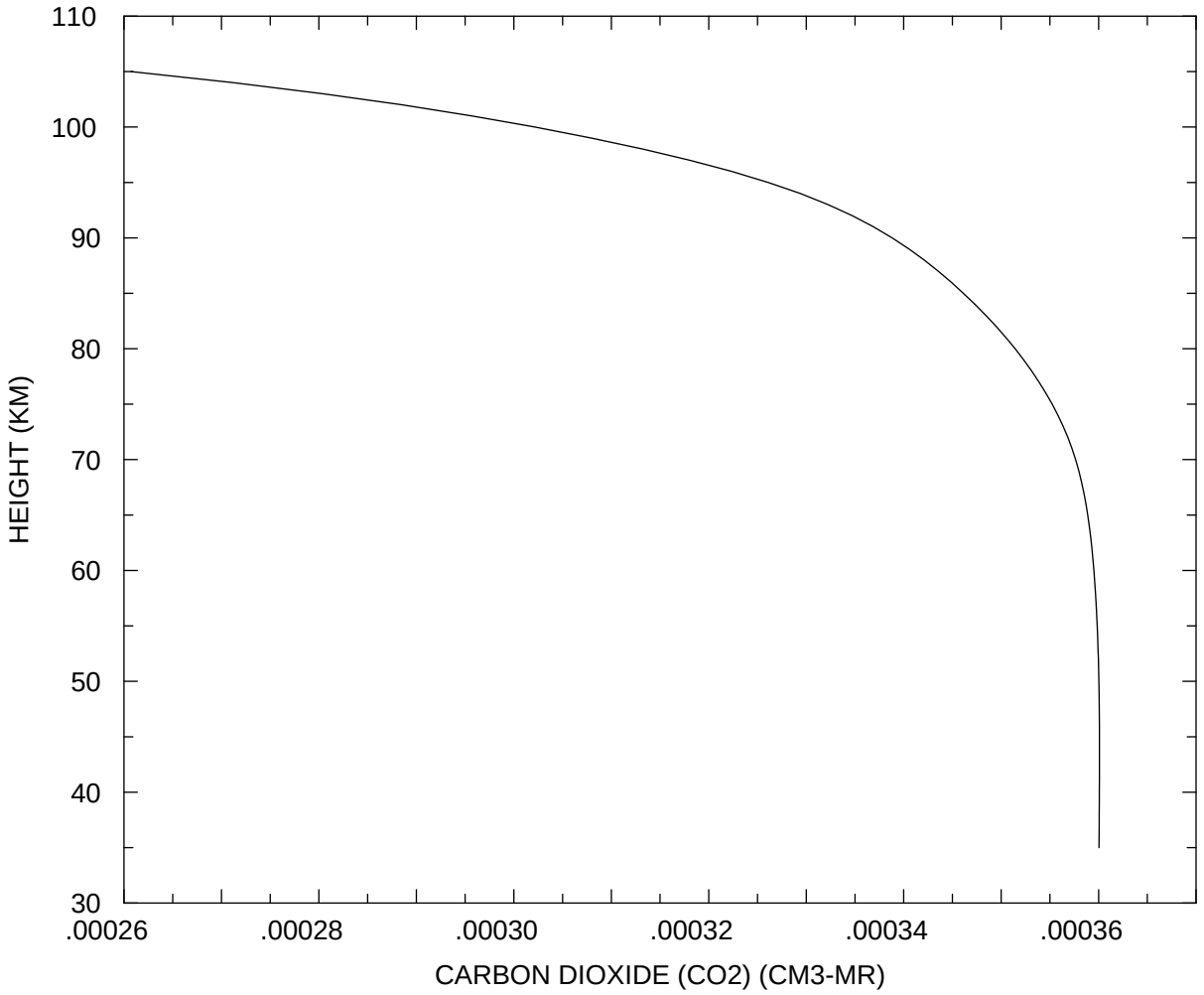
MIN,MAX= 0.2822E-03, 0.3601E-03
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

CARBON DIOXIDE (CO2) (CM3-MR)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)

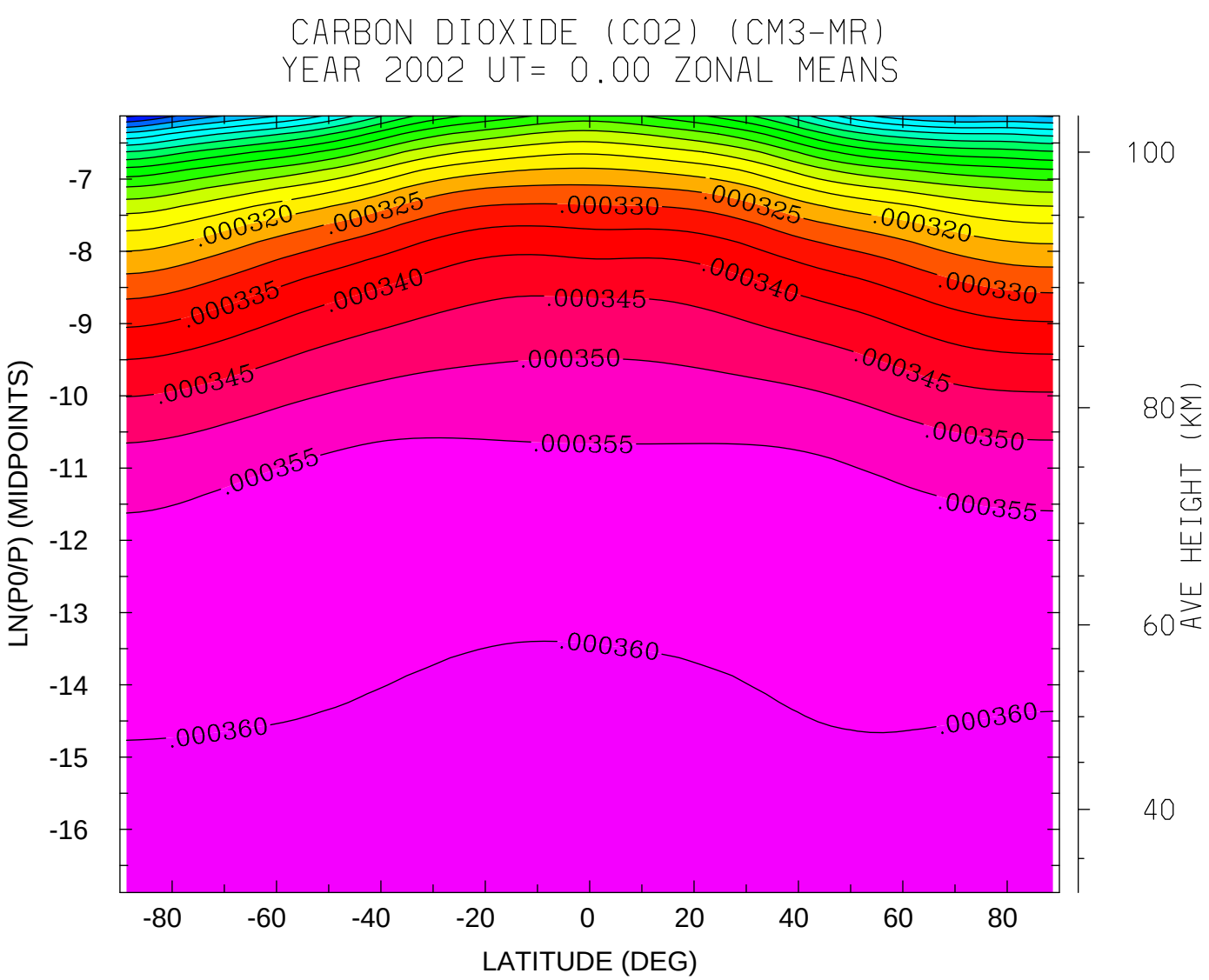


MIN,MAX= 2.0331E-04 3.6017E-04 INTERVAL= 1.0000E-05
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

CARBON DIOXIDE (CO2) (CM3-MR)
Global Mean of Time-averaged Longitude Slice



MIN,MAX= 0.2607E-03, 0.3601E-03
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

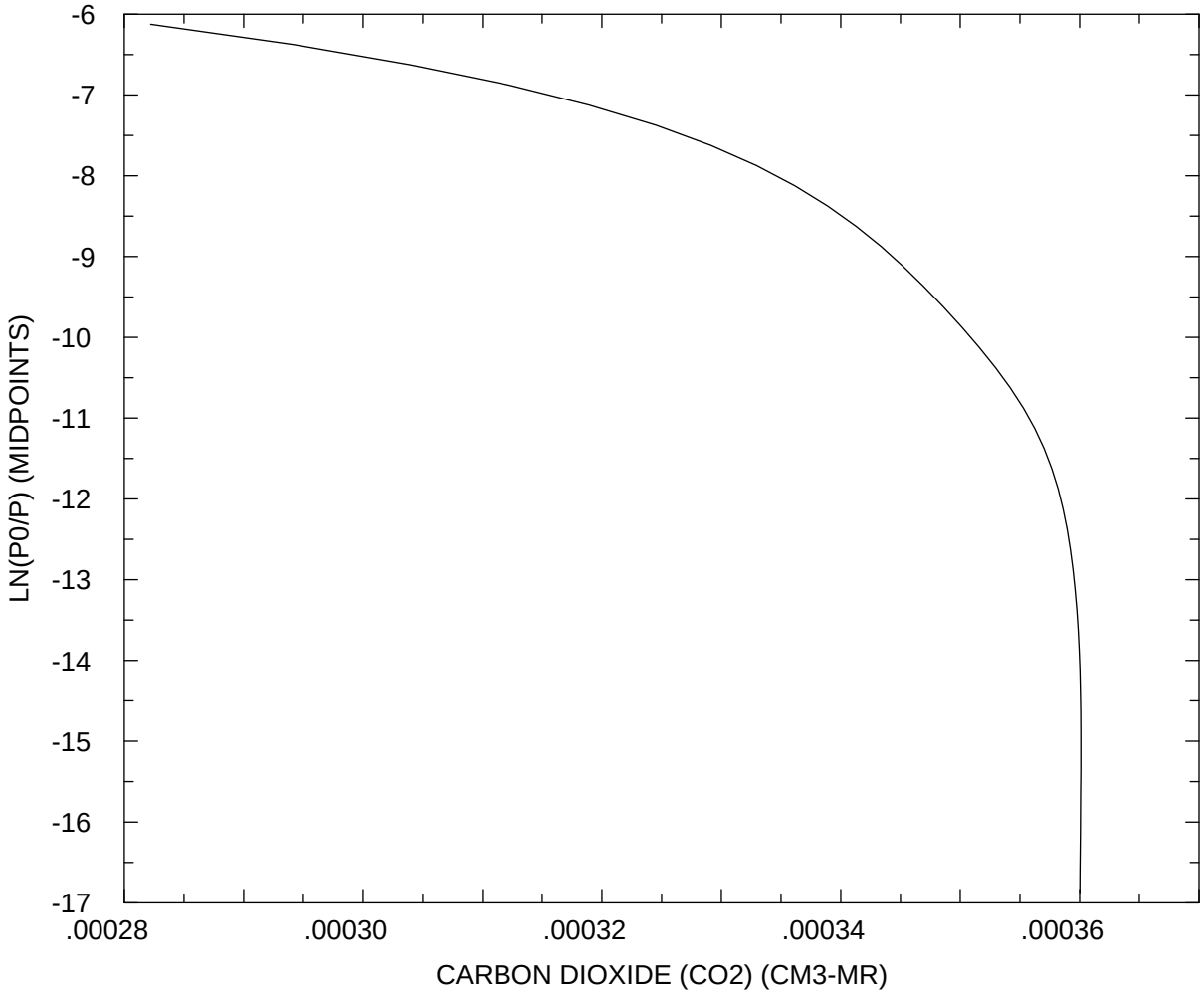


MIN,MAX= 2.4919E-04 3.6017E-04 INTERVAL= 5.0000E-06

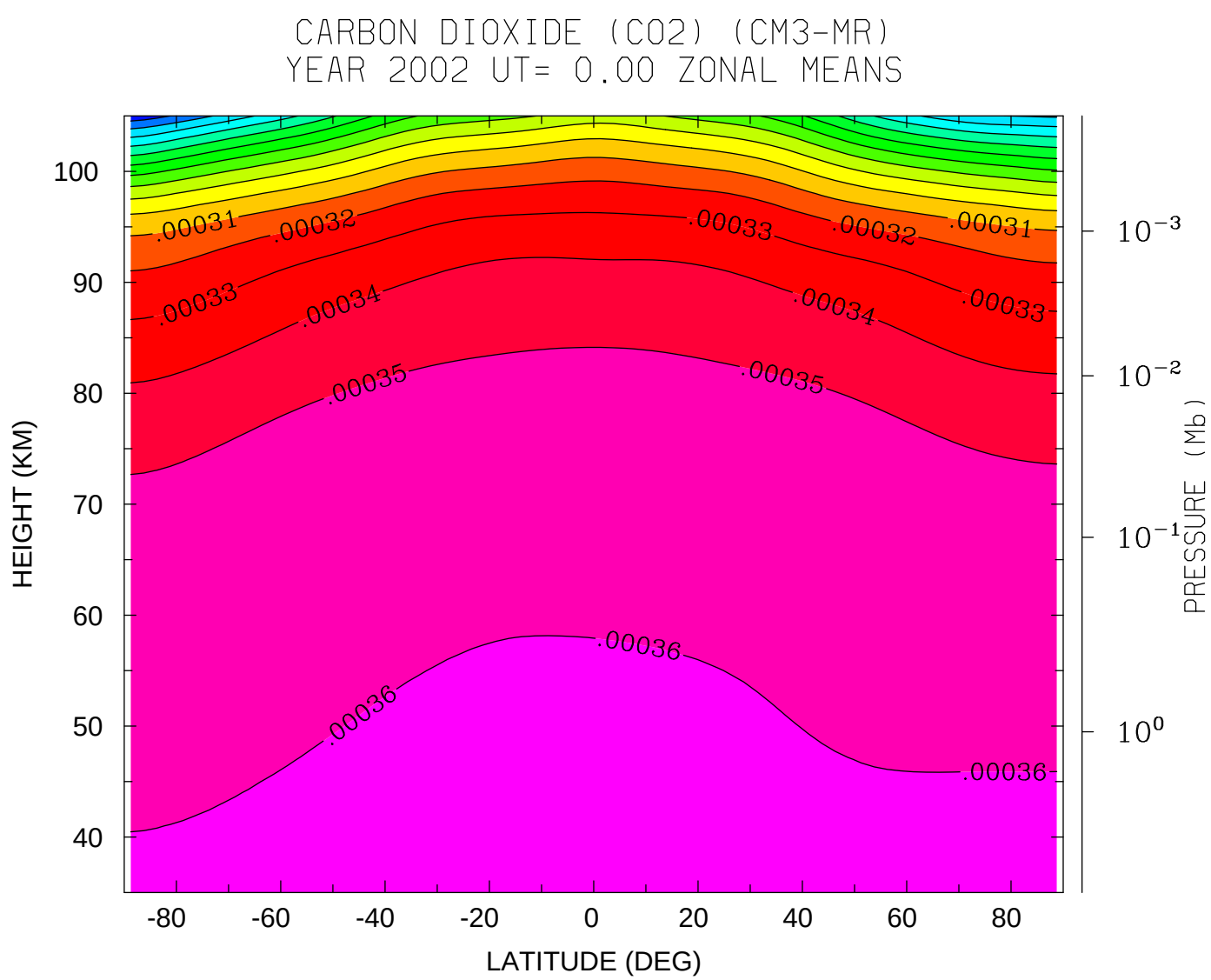
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

CARBON DIOXIDE (CO2) (CM3-MR)
Global Mean of Time-averaged Longitude Slice



MIN,MAX= 0.2822E-03, 0.3601E-03
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

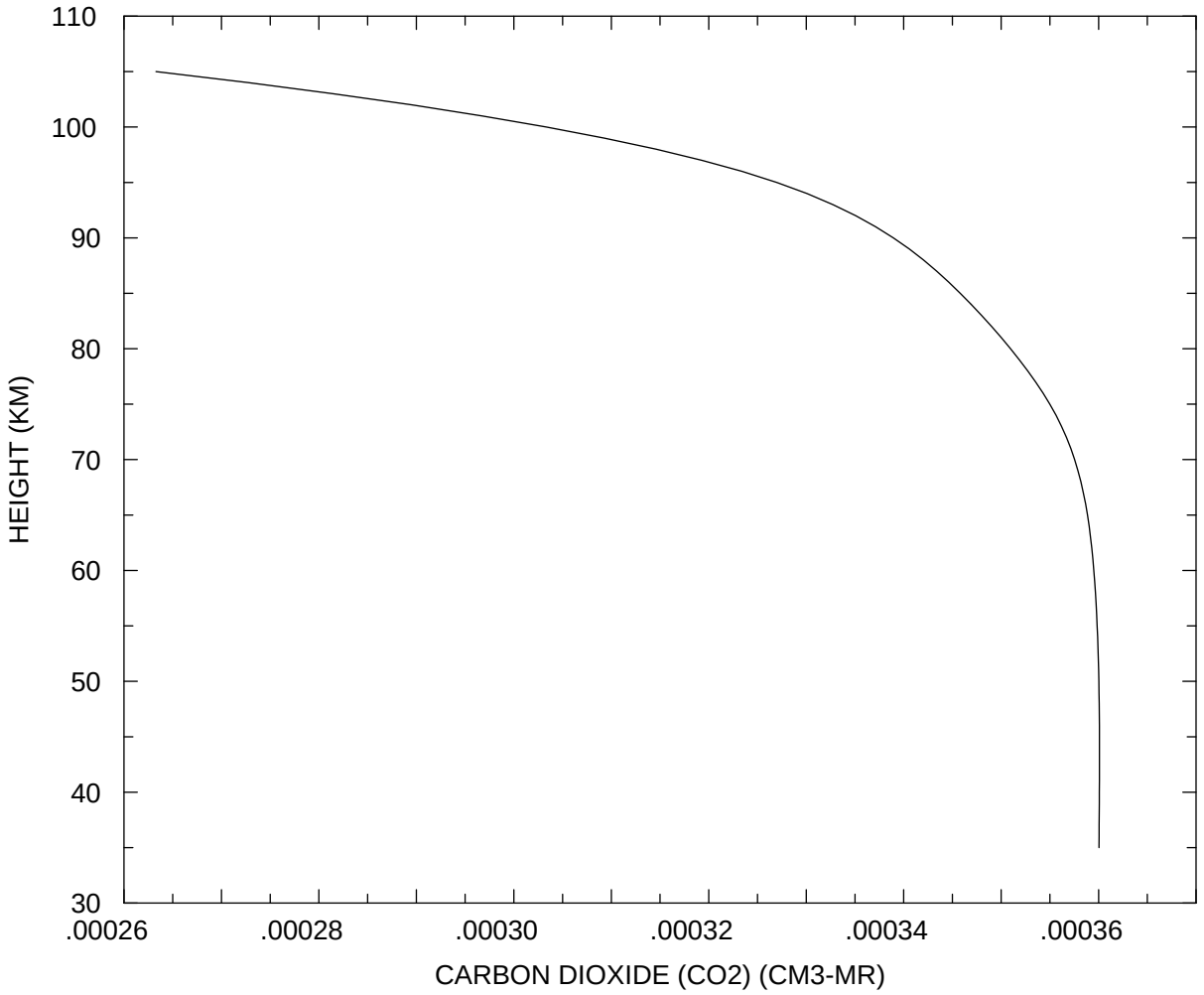


MIN,MAX= 2.0332E-04 3.6017E-04 INTERVAL= 1.0000E-05

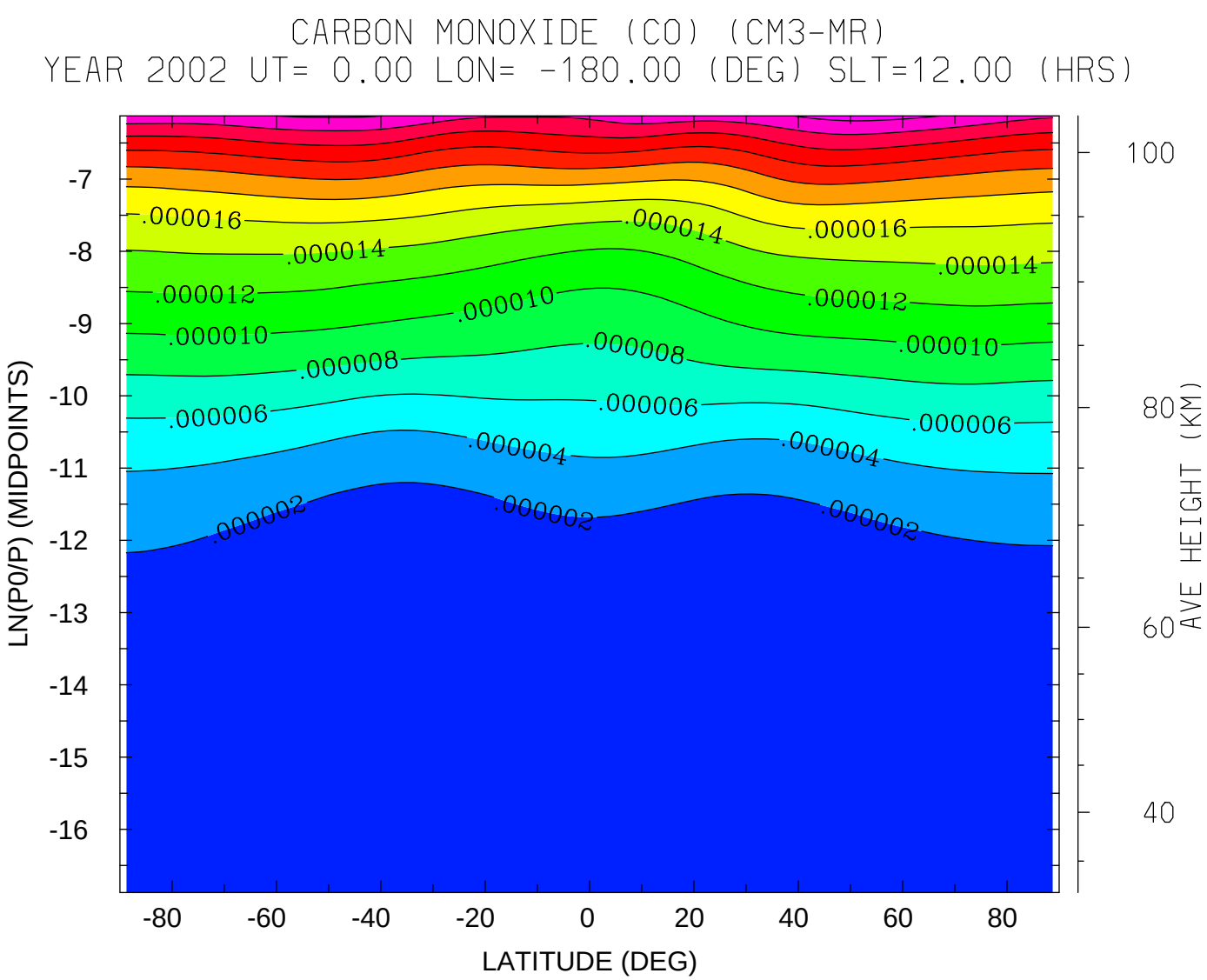
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

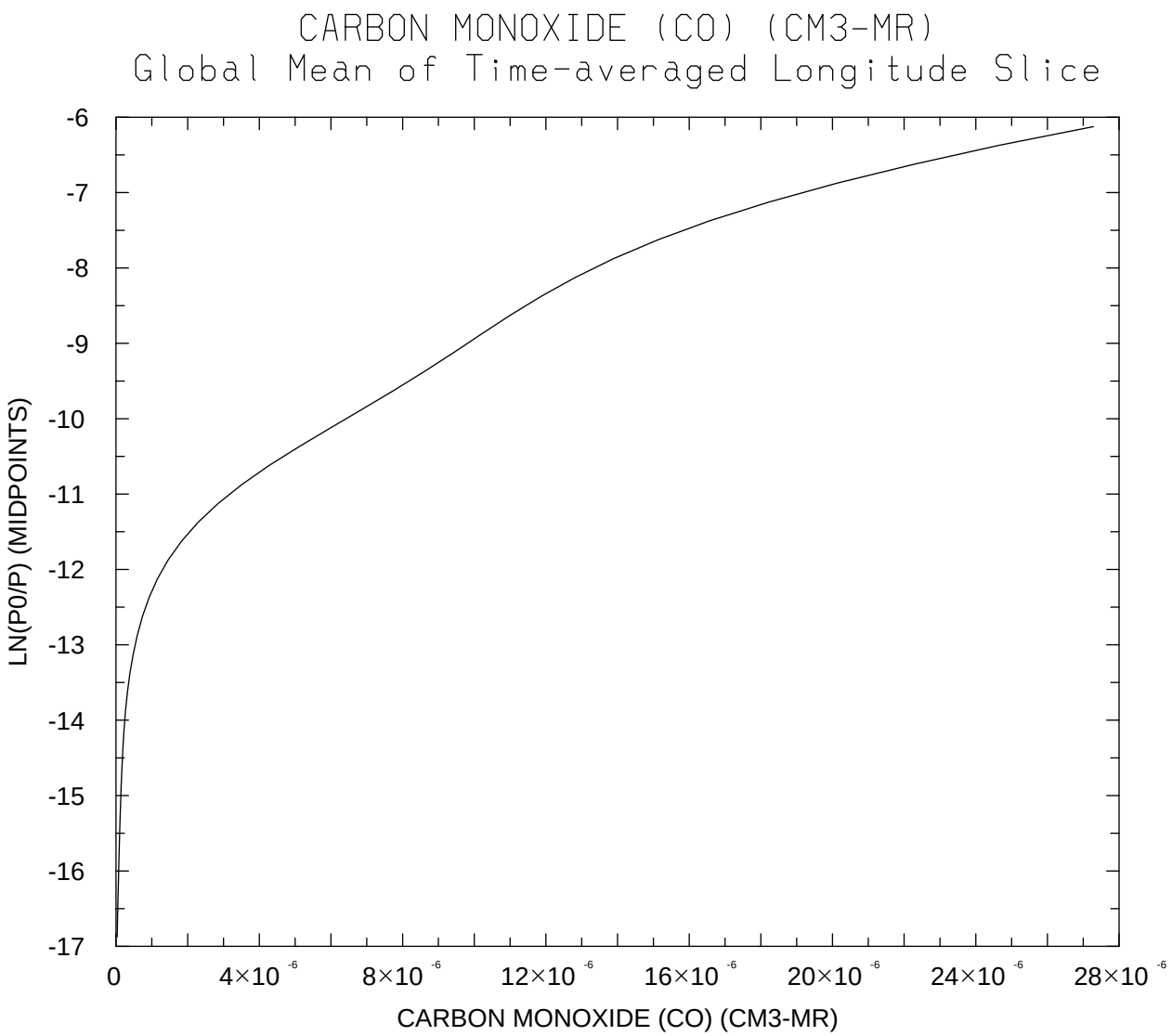
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

CARBON DIOXIDE (CO2) (CM3-MR)
Global Mean of Time-averaged Longitude Slice

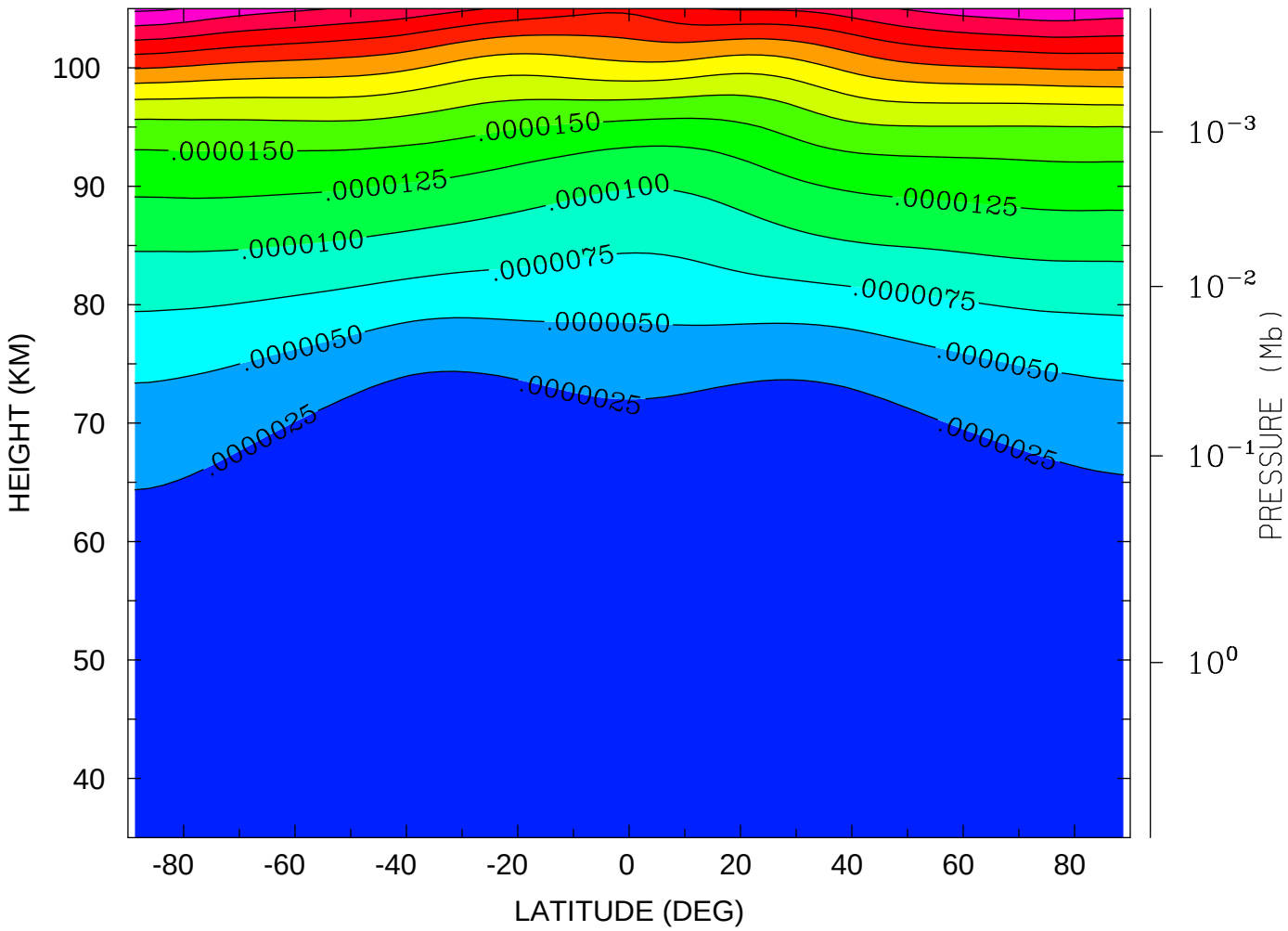


MIN,MAX= 0.2633E-03, 0.3601E-03
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS


CARBON MONOXIDE (CO) (CM3-MR)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)
LN(P0/P) (MIDPOINTS)
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
.000016
.000014
.000012
.000010
.000008
.000006
.000004
.000002
AVE HEIGHT (KM)
100
80
60
40
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
MIN,MAX= 2.6472E-08 2.8721E-05 INTERVAL= 2.0000E-06
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

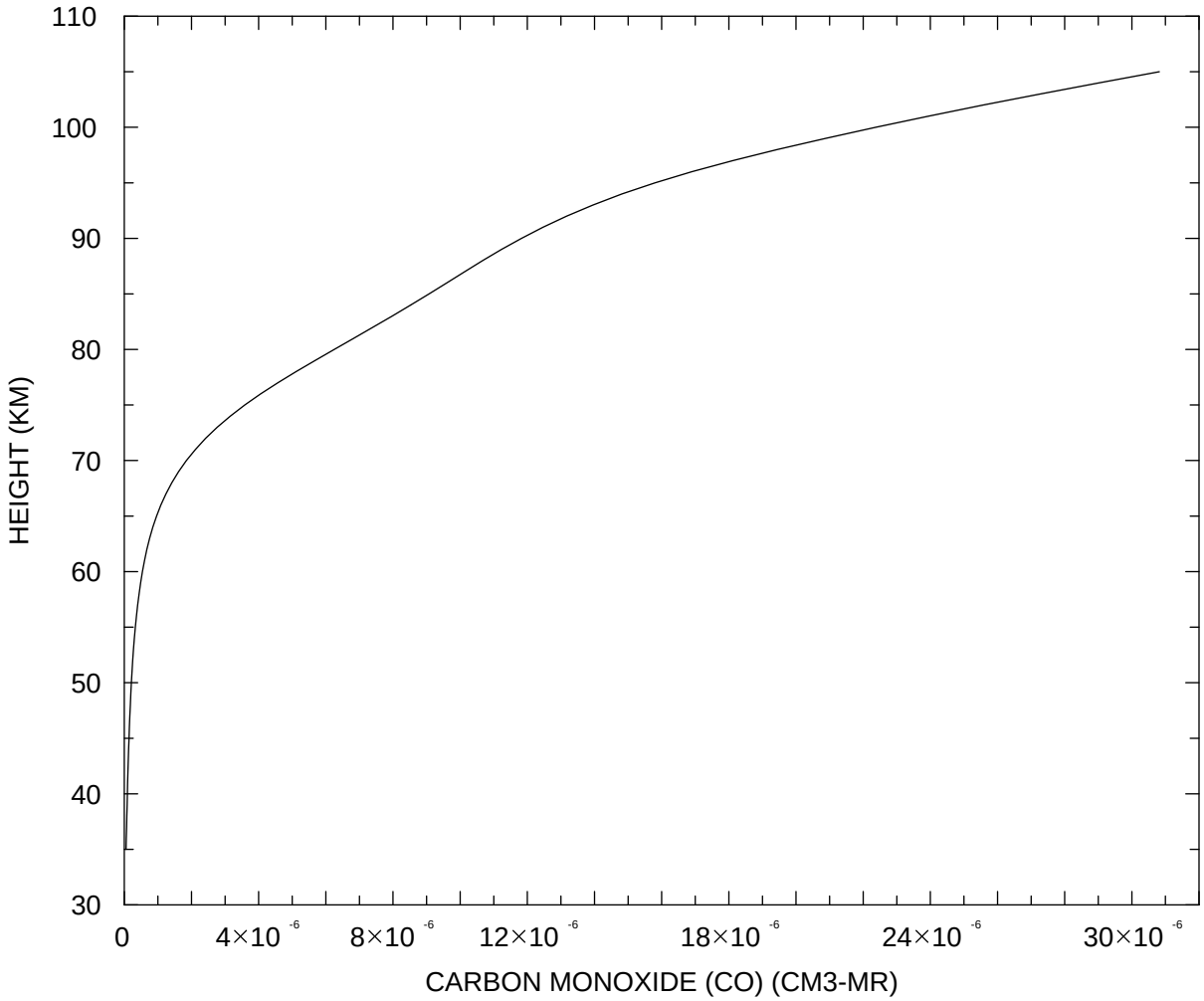

CARBON MONOXIDE (CO) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
LN(P0/P) (MIDPOINTS)
0
4×10 -6
8×10 -6
12×10 -6
16×10 -6
20×10 -6
24×10 -6
28×10 -6
CARBON MONOXIDE (CO) (CM3-MR)
MIN,MAX= 0.3172E-07, 0.2728E-04
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

CARBON MONOXIDE (CO) (CM3-MR)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)

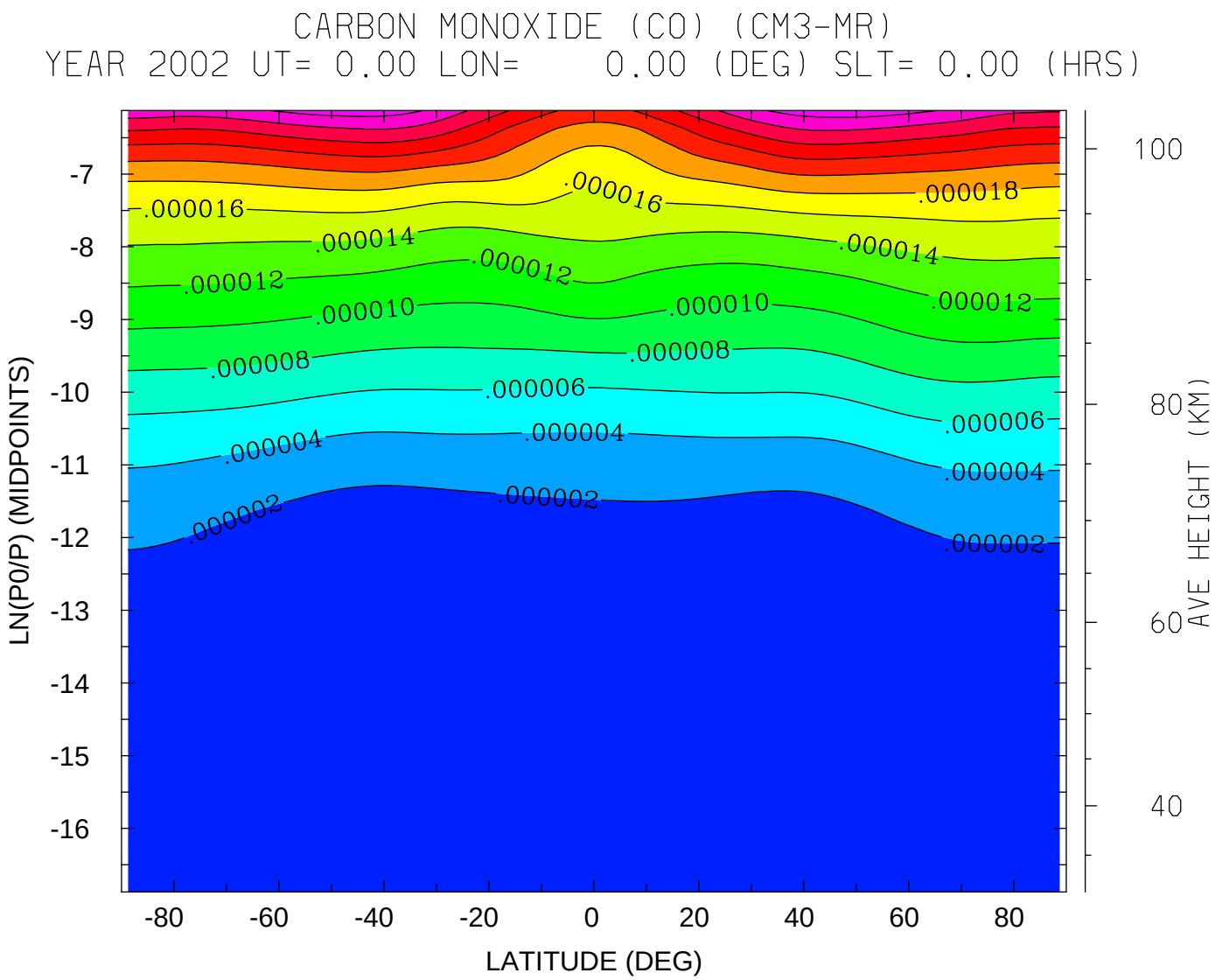


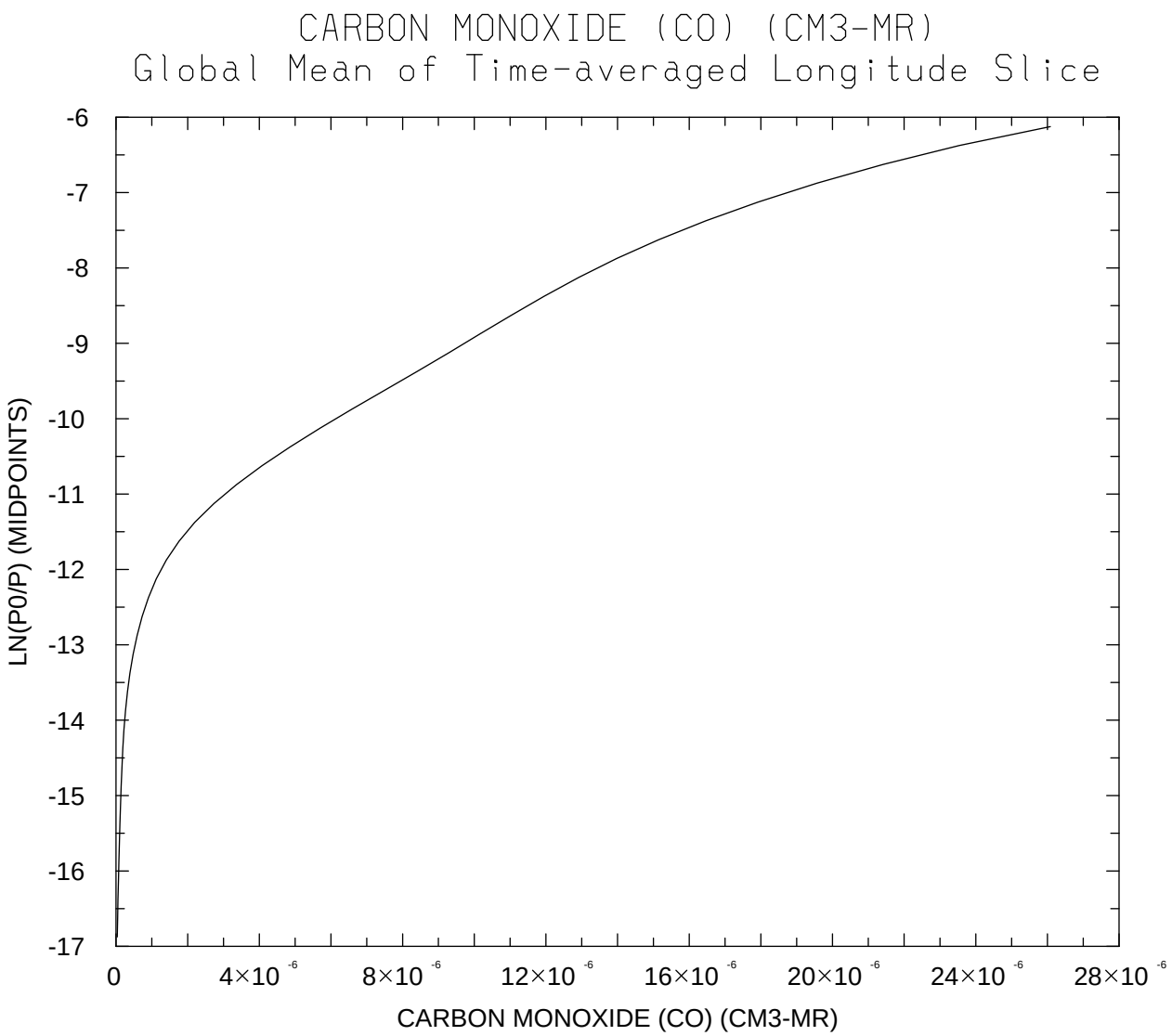
MIN,MAX= 4.5143E-08 3.5502E-05 INTERVAL= 2.5000E-06
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

CARBON MONOXIDE (CO) (CM3-MR)
Global Mean of Time-averaged Longitude Slice

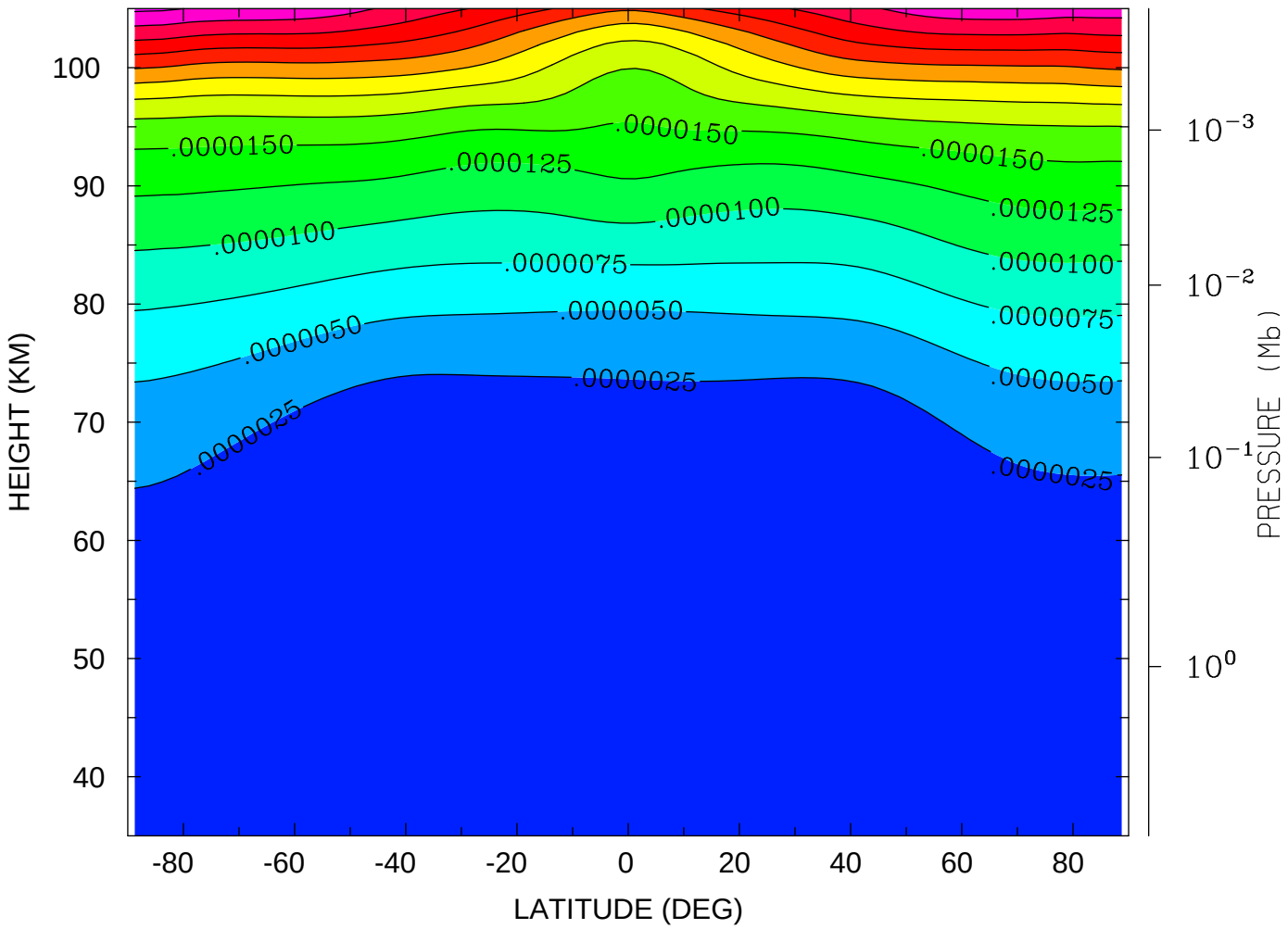


MIN,MAX= 0.5332E-07, 0.3082E-04
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)


CARBON MONOXIDE (CO) (CM3-MR)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (MIDPOINTS)
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
.000016
.000018
.000014
.000012
.000010
.000008
.000006
.000004
.000002
100
80
60
40
AVE HEIGHT (KM)
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
MIN,MAX= 2.5705E-08 2.9075E-05 INTERVAL= 2.0000E-06
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

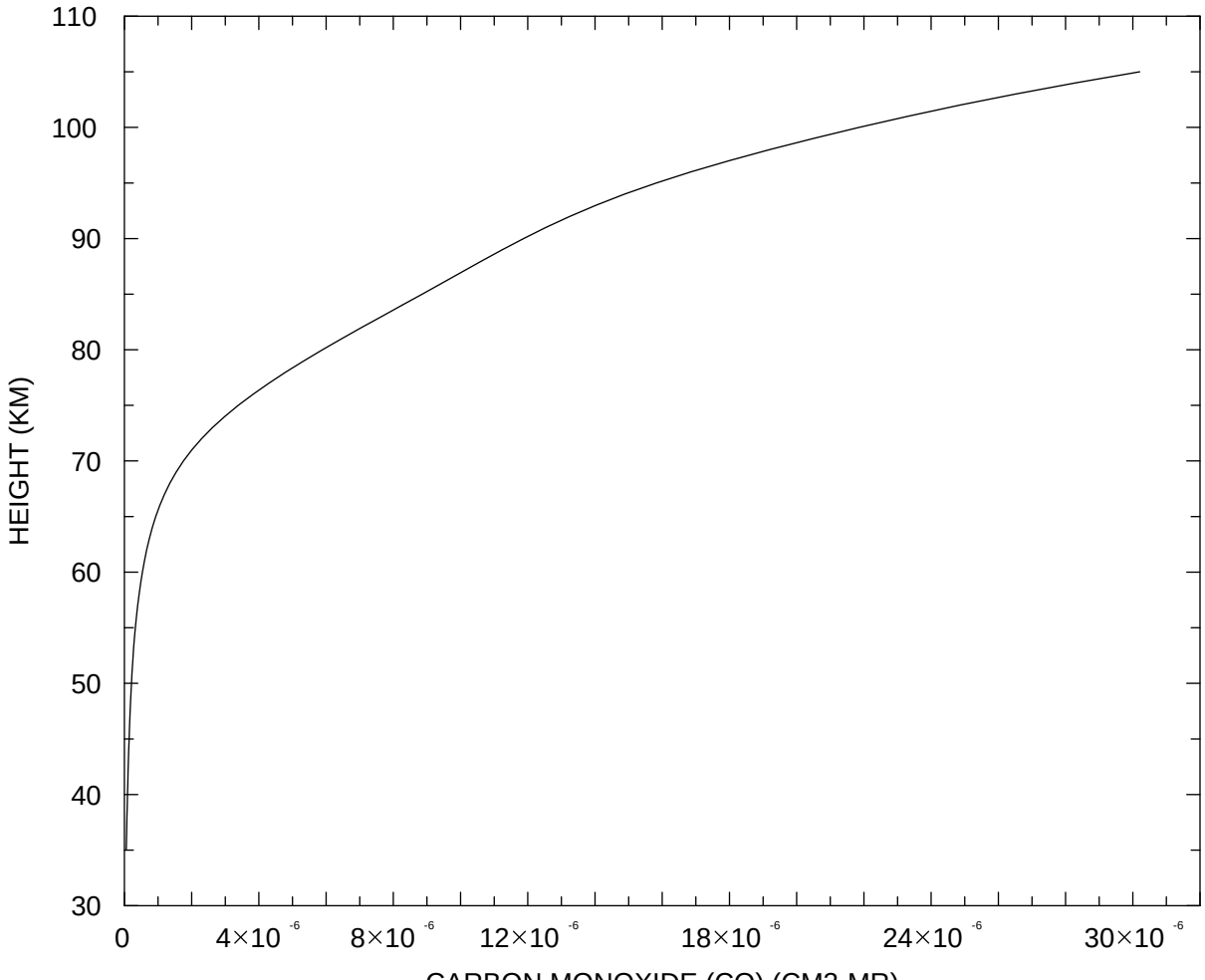

CARBON MONOXIDE (CO) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
LN(P0/P) (MIDPOINTS)
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
0
4×10 -6
8×10 -6
12×10 -6
16×10 -6
20×10 -6
24×10 -6
28×10 -6
CARBON MONOXIDE (CO) (CM3-MR)
MIN,MAX= 0.3298E-07, 0.2608E-04
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

CARBON MONOXIDE (CO) (CM3-MR)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)

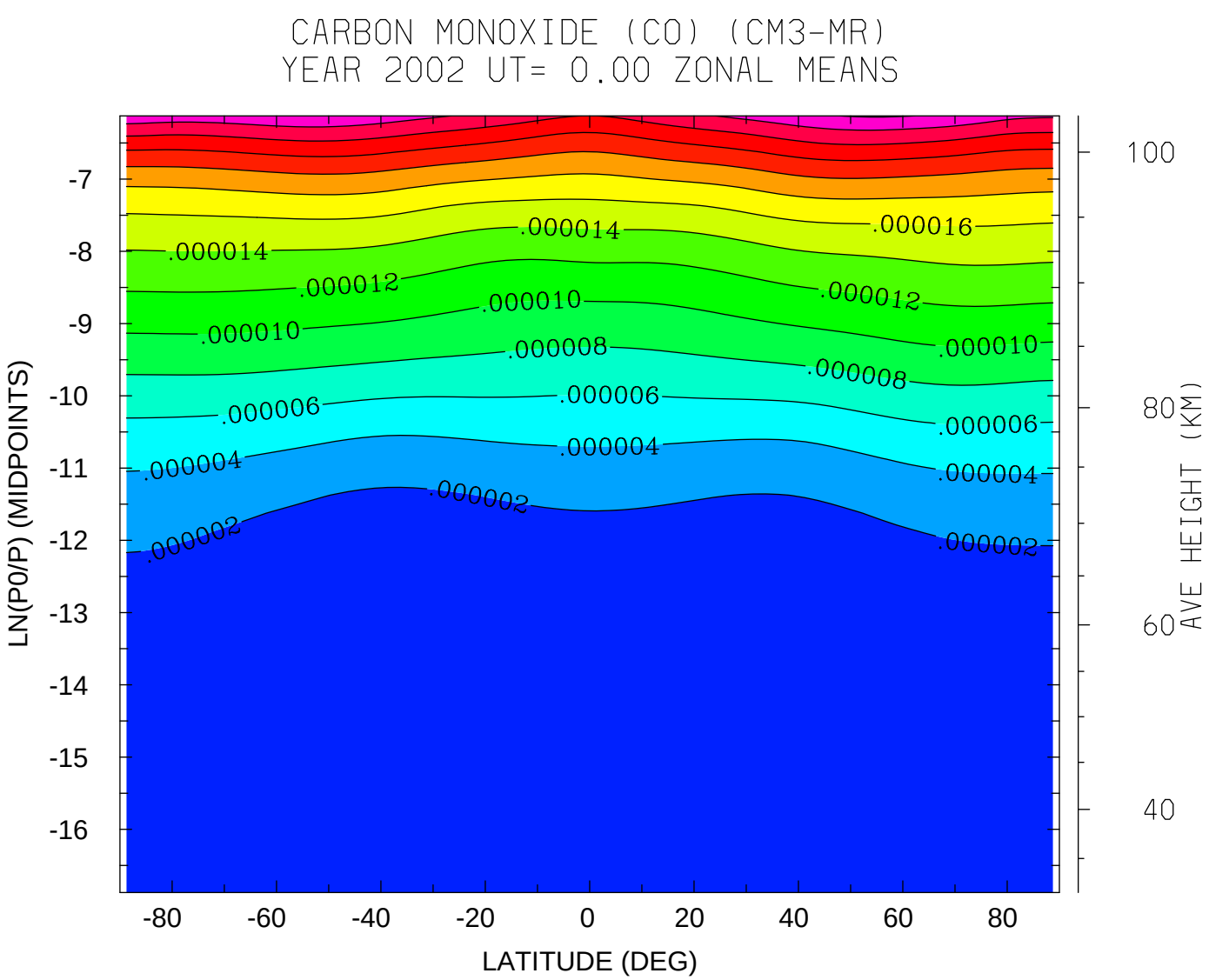


MIN,MAX= 4.4366E-08 3.5523E-05 INTERVAL= 2.5000E-06
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

CARBON MONOXIDE (CO) (CM3-MR)
Global Mean of Time-averaged Longitude Slice



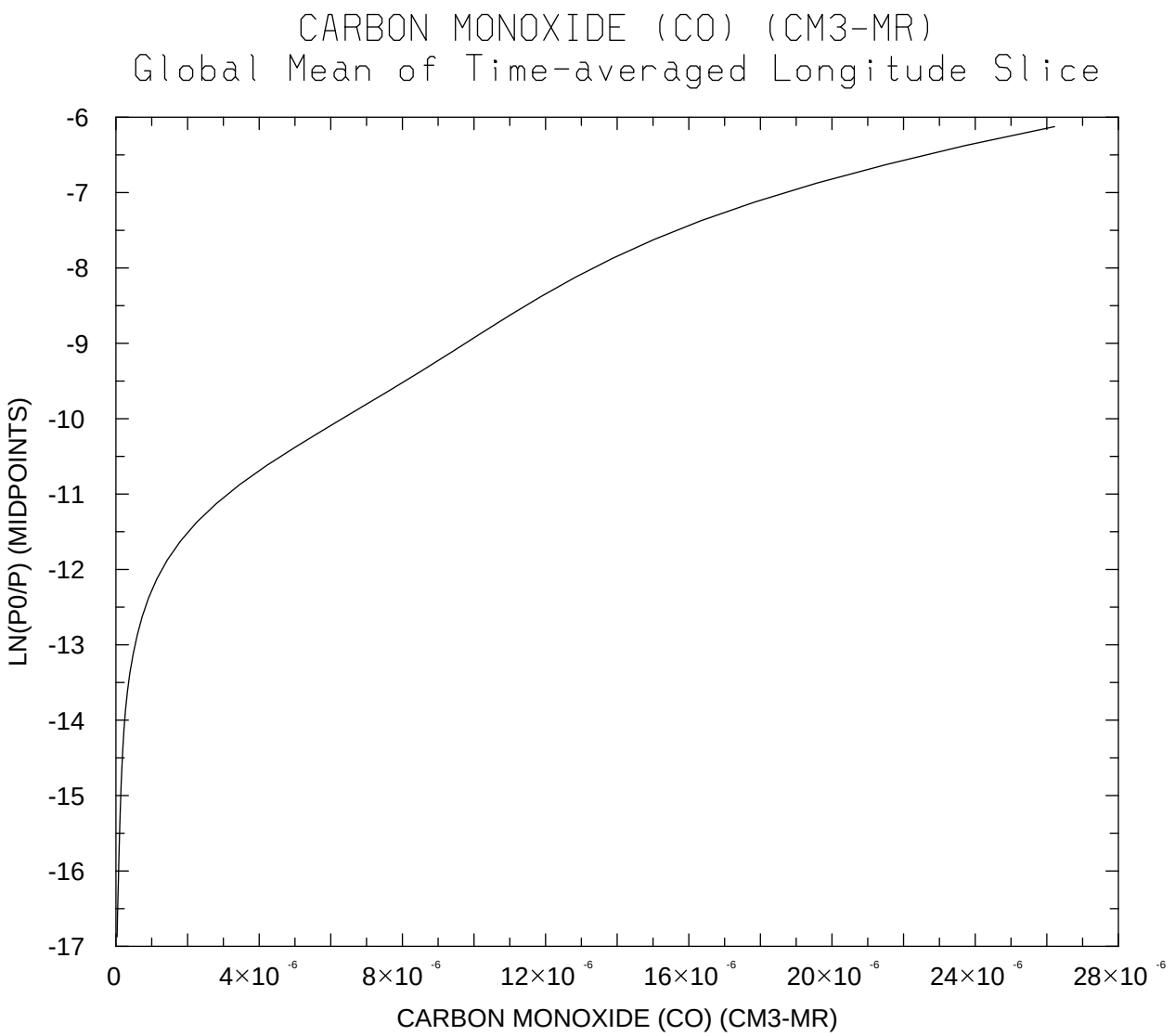
MIN,MAX= 0.5386E-07, 0.3020E-04
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

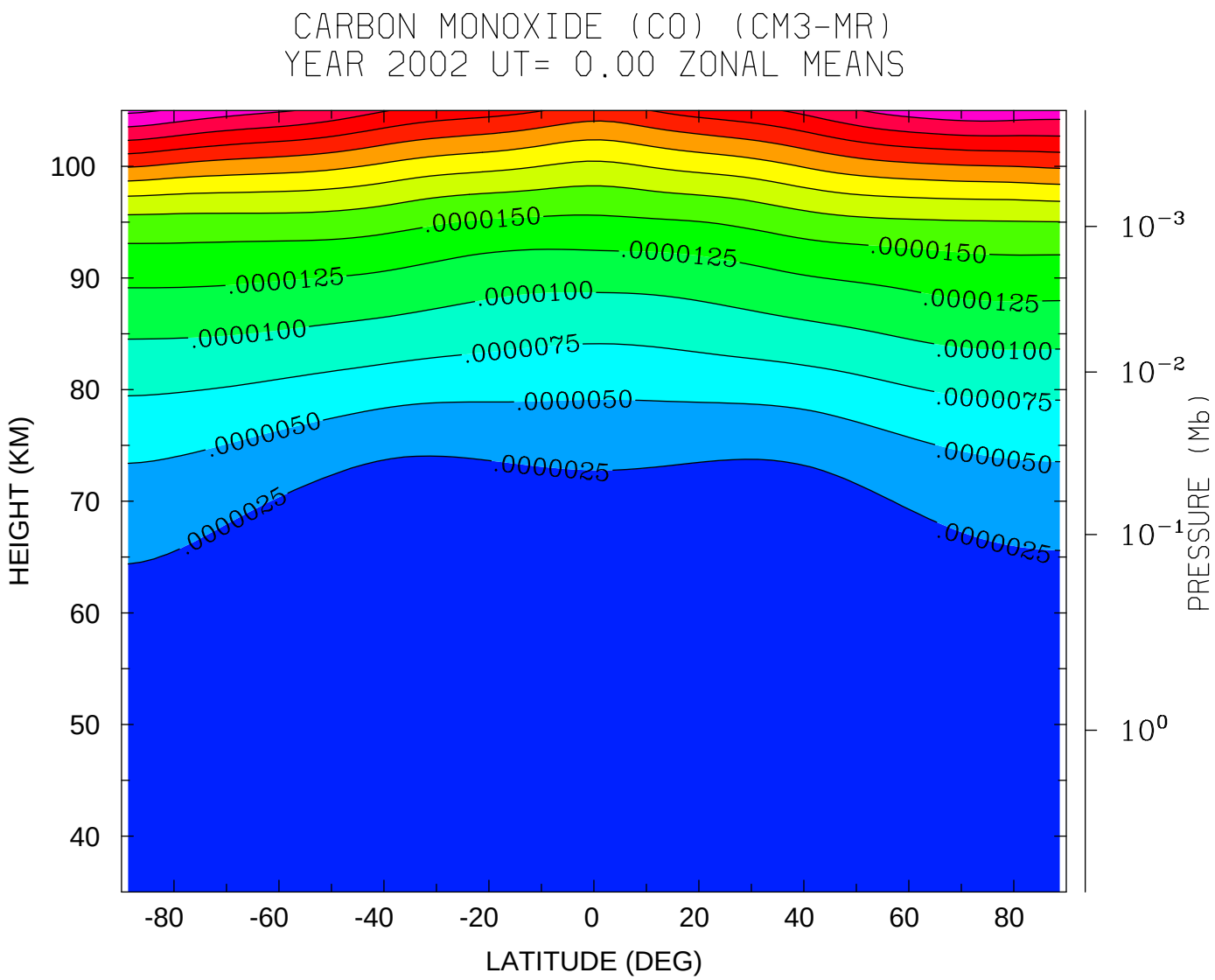


MIN,MAX= 2.6027E-08 2.8176E-05 INTERVAL= 2.0000E-06

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc


CARBON MONOXIDE (CO) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
LN(P0/P) (MIDPOINTS)
0
4×10 -6
8×10 -6
12×10 -6
16×10 -6
20×10 -6
24×10 -6
28×10 -6
CARBON MONOXIDE (CO) (CM3-MR)
MIN,MAX= 0.3223E-07, 0.2622E-04
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

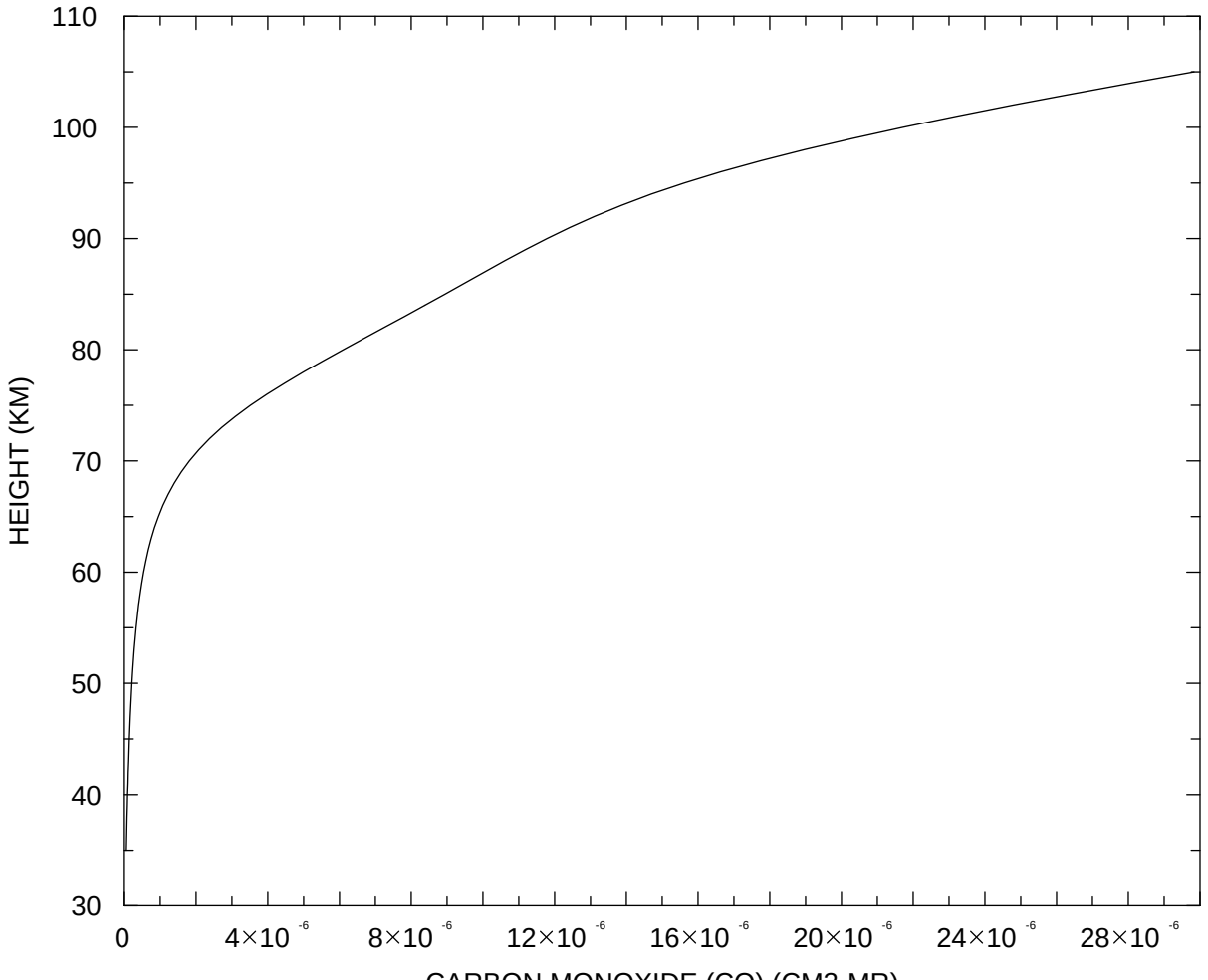


MIN,MAX= 4.4846E-08 3.5522E-05 INTERVAL= 2.5000E-06

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

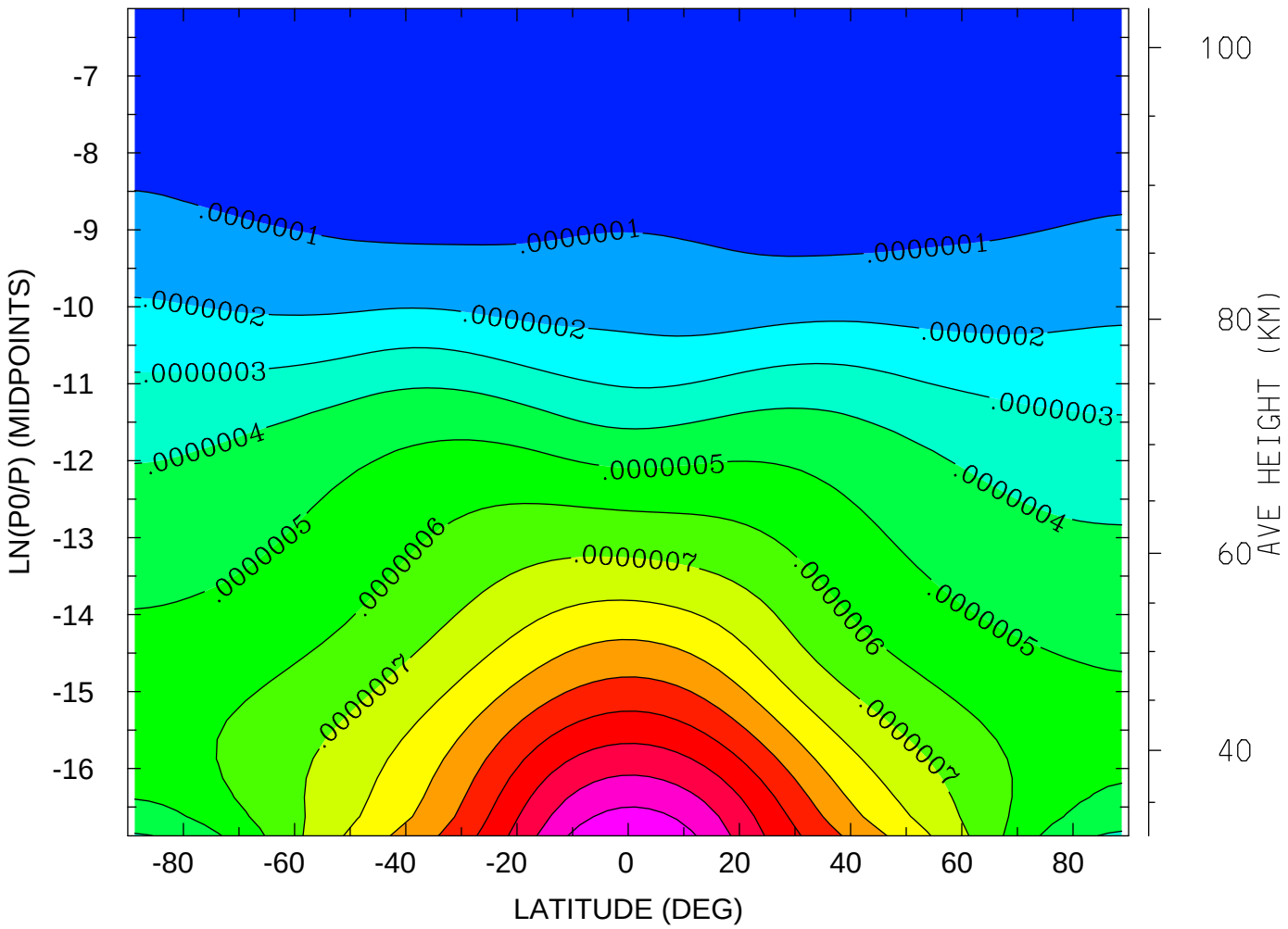
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

CARBON MONOXIDE (CO) (CM3-MR)
Global Mean of Time-averaged Longitude Slice

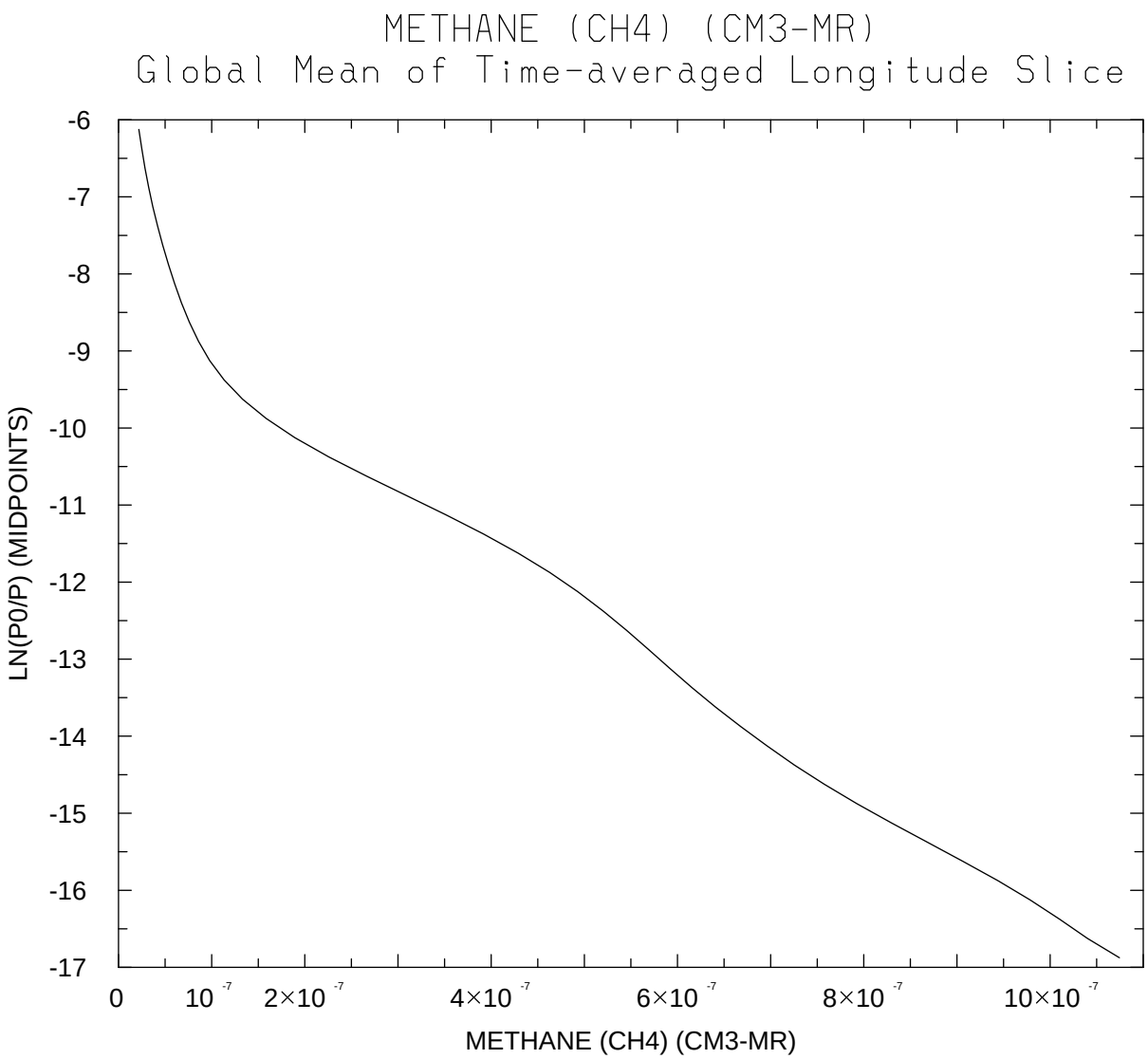


MIN,MAX= 0.5349E-07, 0.2983E-04
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

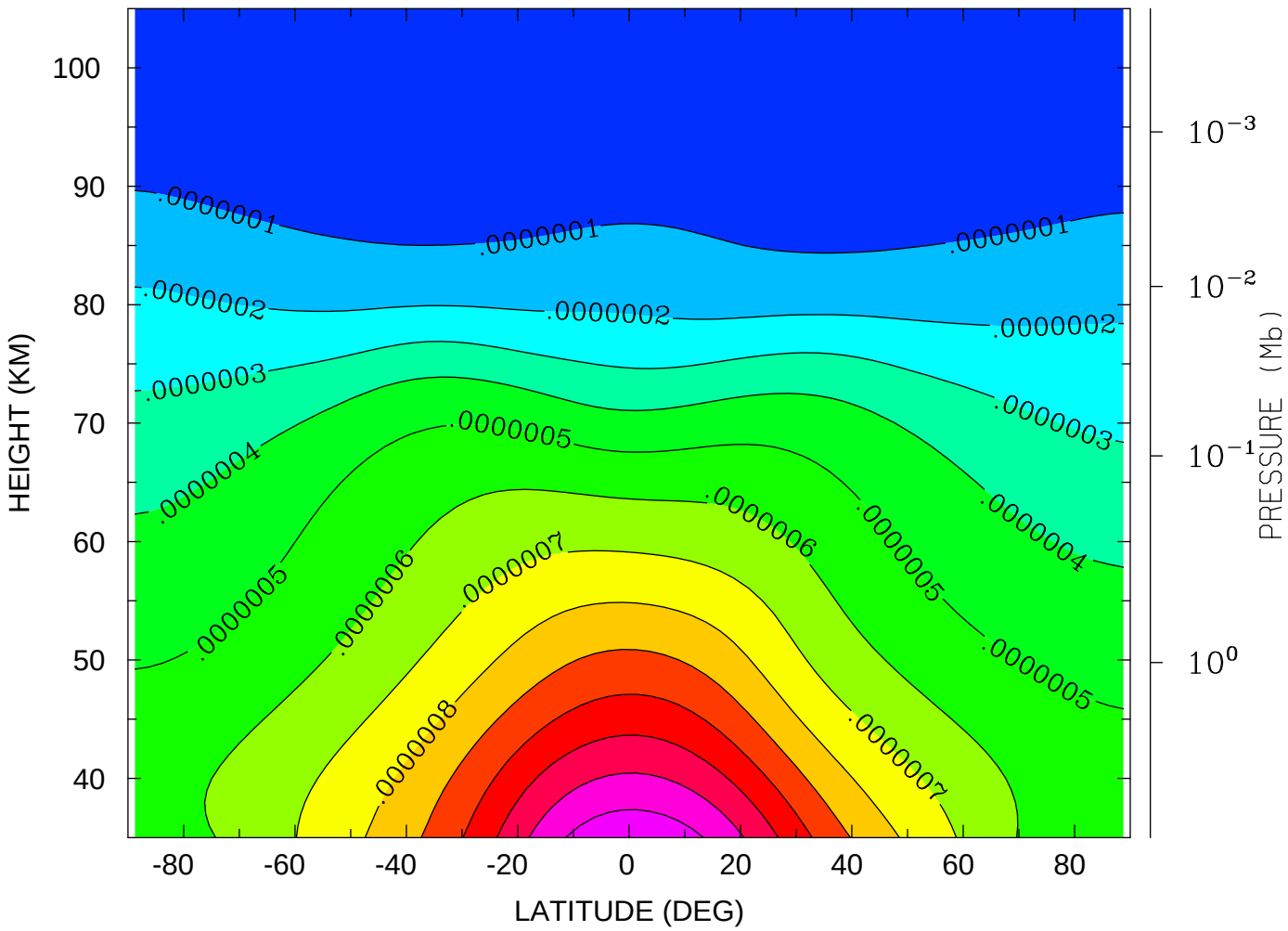
METHANE (CH4) (CM3-MR)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



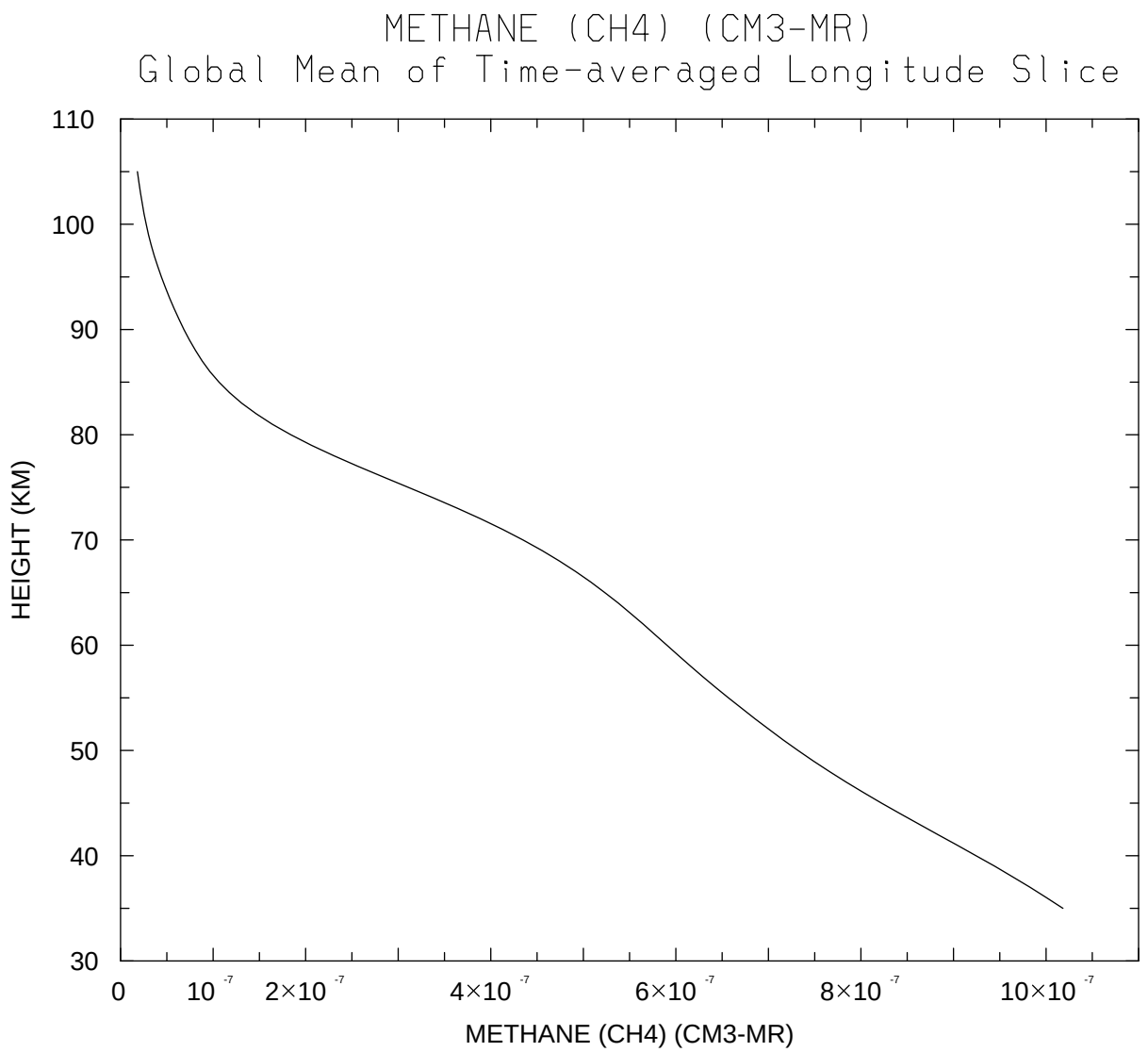
MIN,MAX= 1.9825E-08 1.4997E-06 INTERVAL= 1.0000E-07
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc


METHANE (CH4) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
LN(P0/P) (MIDPOINTS)
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
0
10 -7
2×10 -7
4×10 -7
6×10 -7
8×10 -7
10×10 -7
METHANE (CH4) (CM3-MR)
MIN,MAX= 0.2184E-07, 0.1074E-05
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

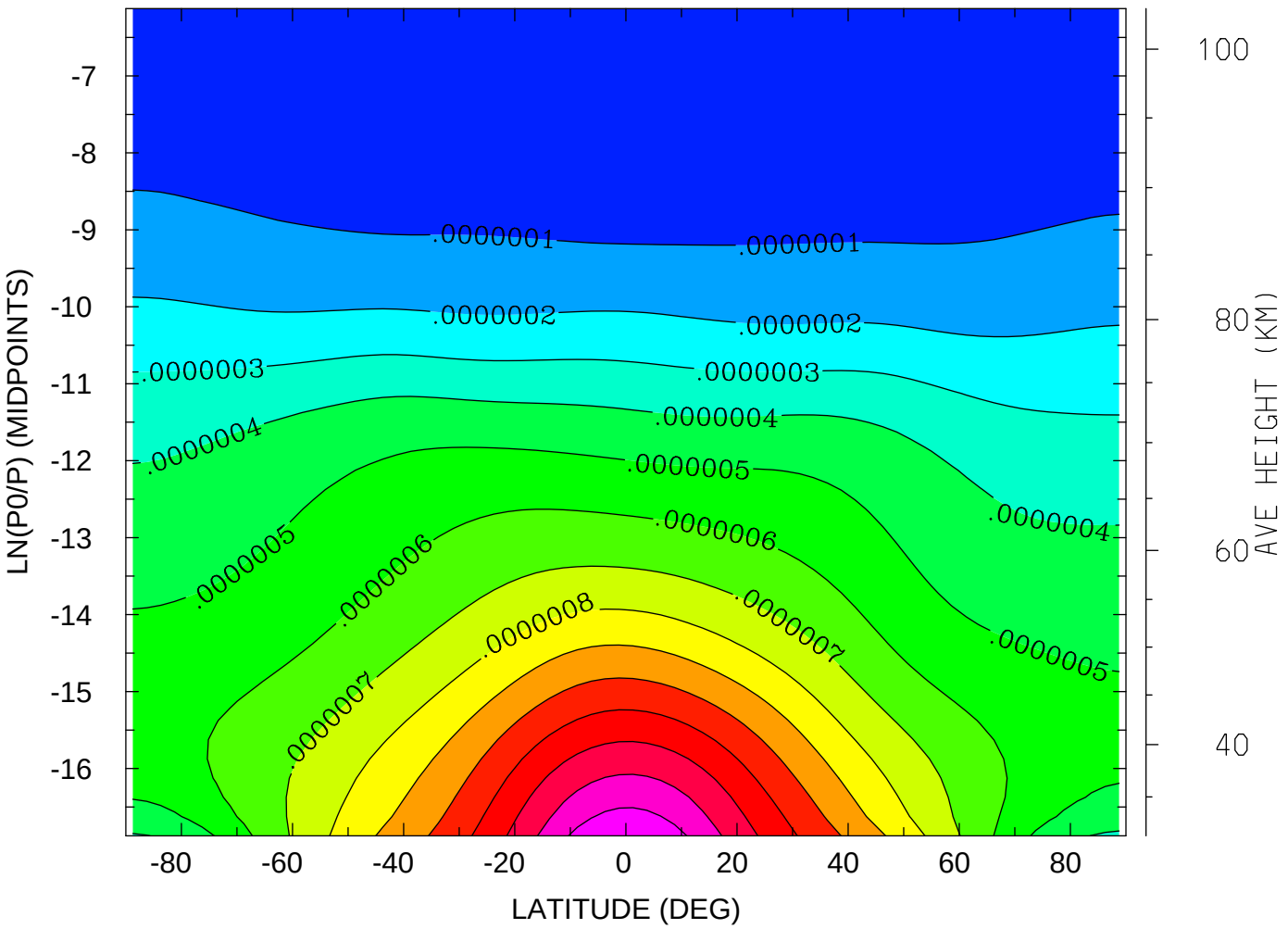
METHANE (CH4) (CM3-MR)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



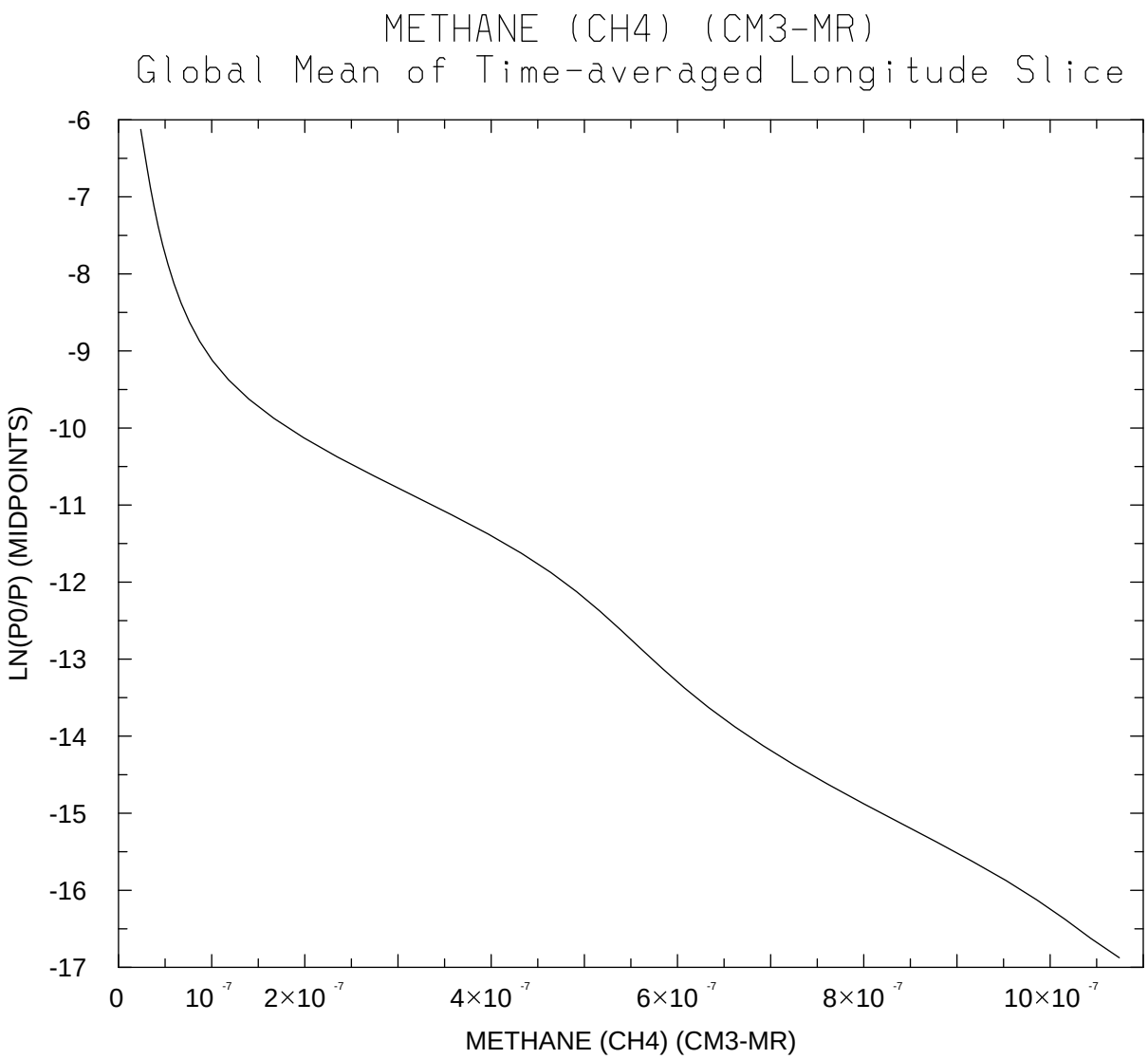
MIN,MAX= 1.4981E-08 1.3780E-06 INTERVAL= 1.0000E-07
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc


METHANE (CH4) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
110
100
90
80
70
60
50
40
30
HEIGHT (KM)
0
10 -7
2×10 -7
4×10 -7
6×10 -7
8×10 -7
10×10 -7
METHANE (CH4) (CM3-MR)
MIN,MAX= 0.1820E-07, 0.1018E-05
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

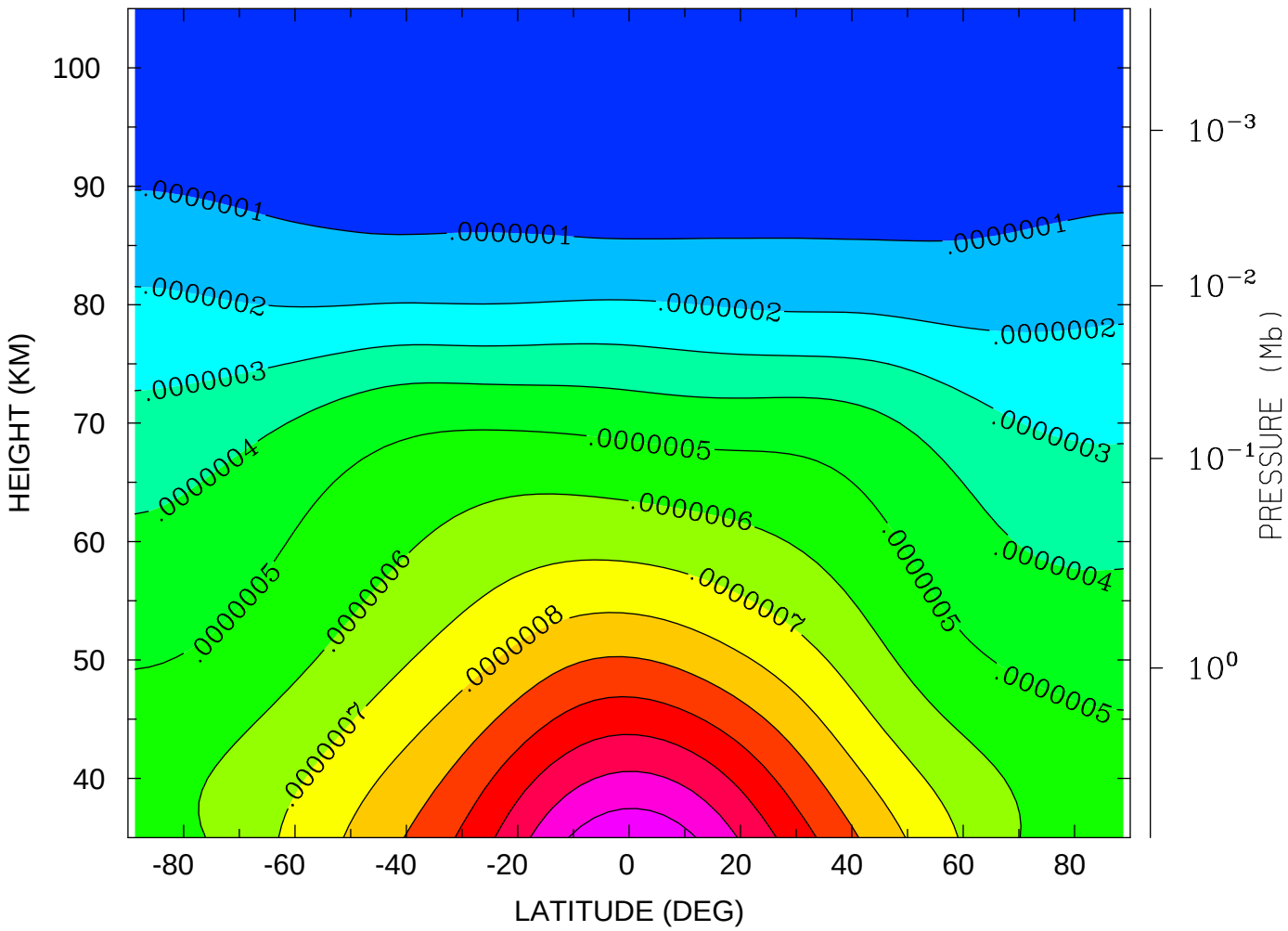
METHANE (CH4) (CM3-MR)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



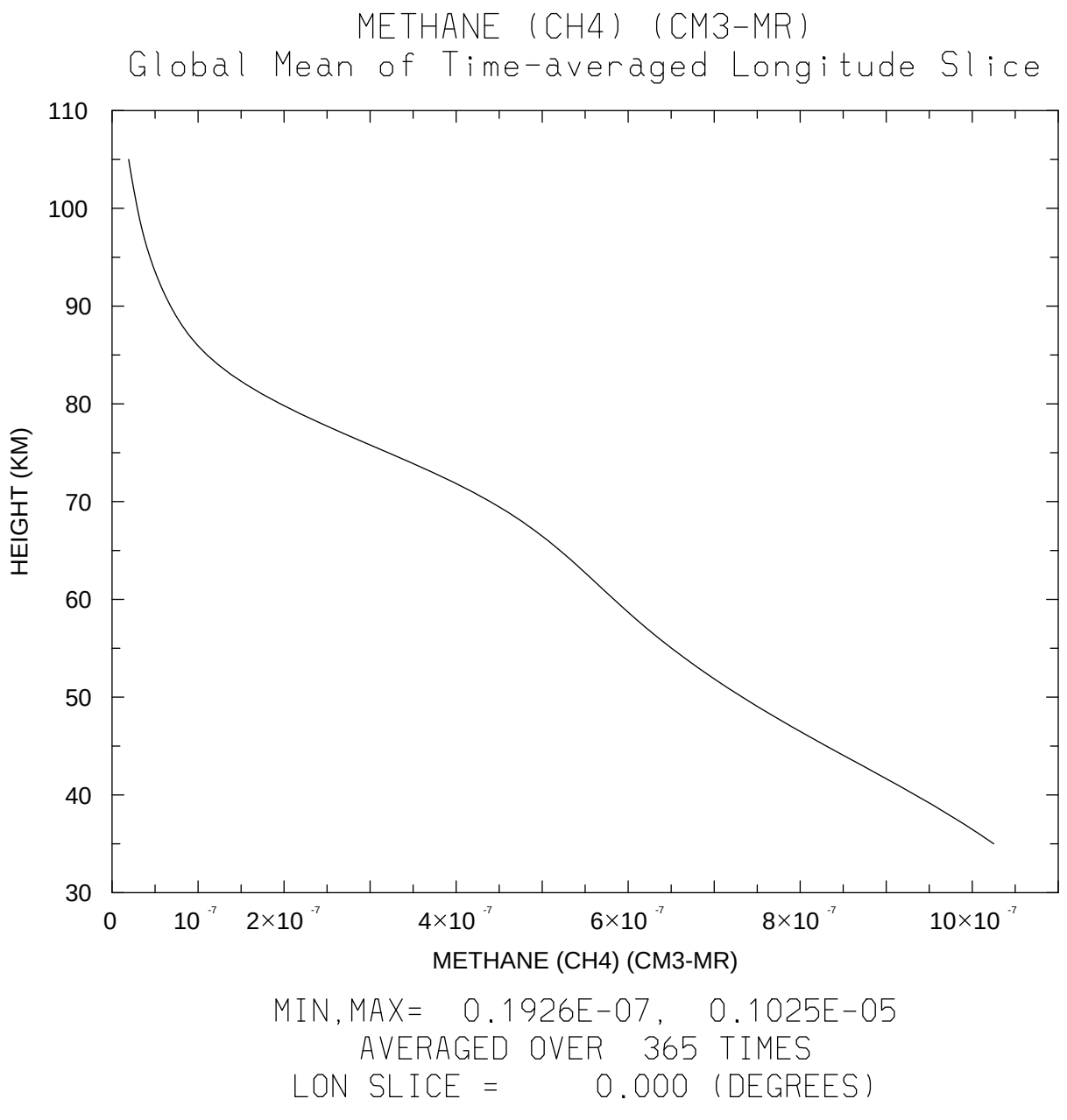
MIN,MAX= 2.0439E-08 1.4964E-06 INTERVAL= 1.0000E-07
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc


METHANE (CH4) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
LN(P0/P) (MIDPOINTS)
0
10 -7
2×10 -7
4×10 -7
6×10 -7
8×10 -7
10×10 -7
METHANE (CH4) (CM3-MR)
MIN,MAX= 0.2389E-07, 0.1074E-05
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

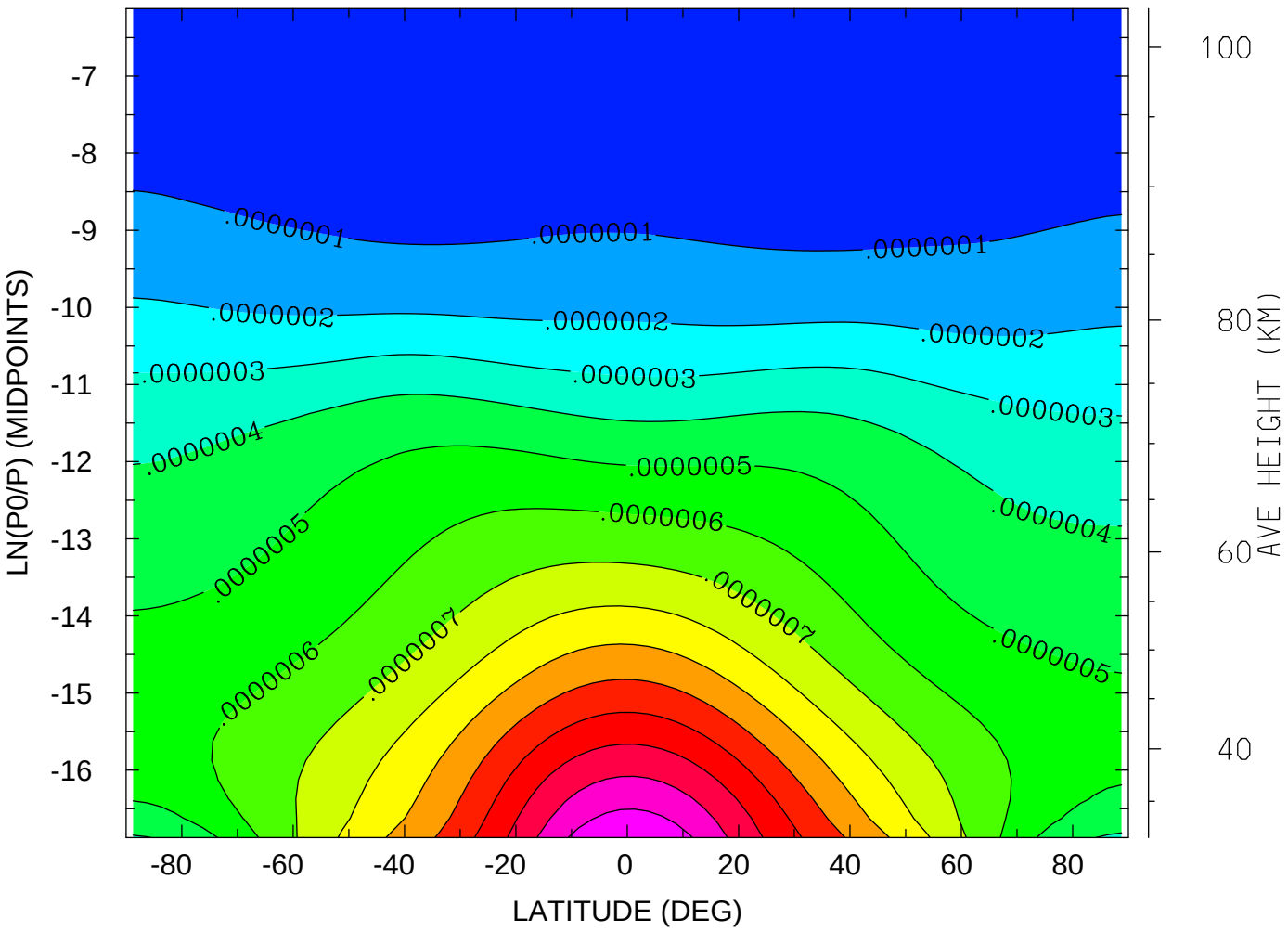
METHANE (CH4) (CM3-MR)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



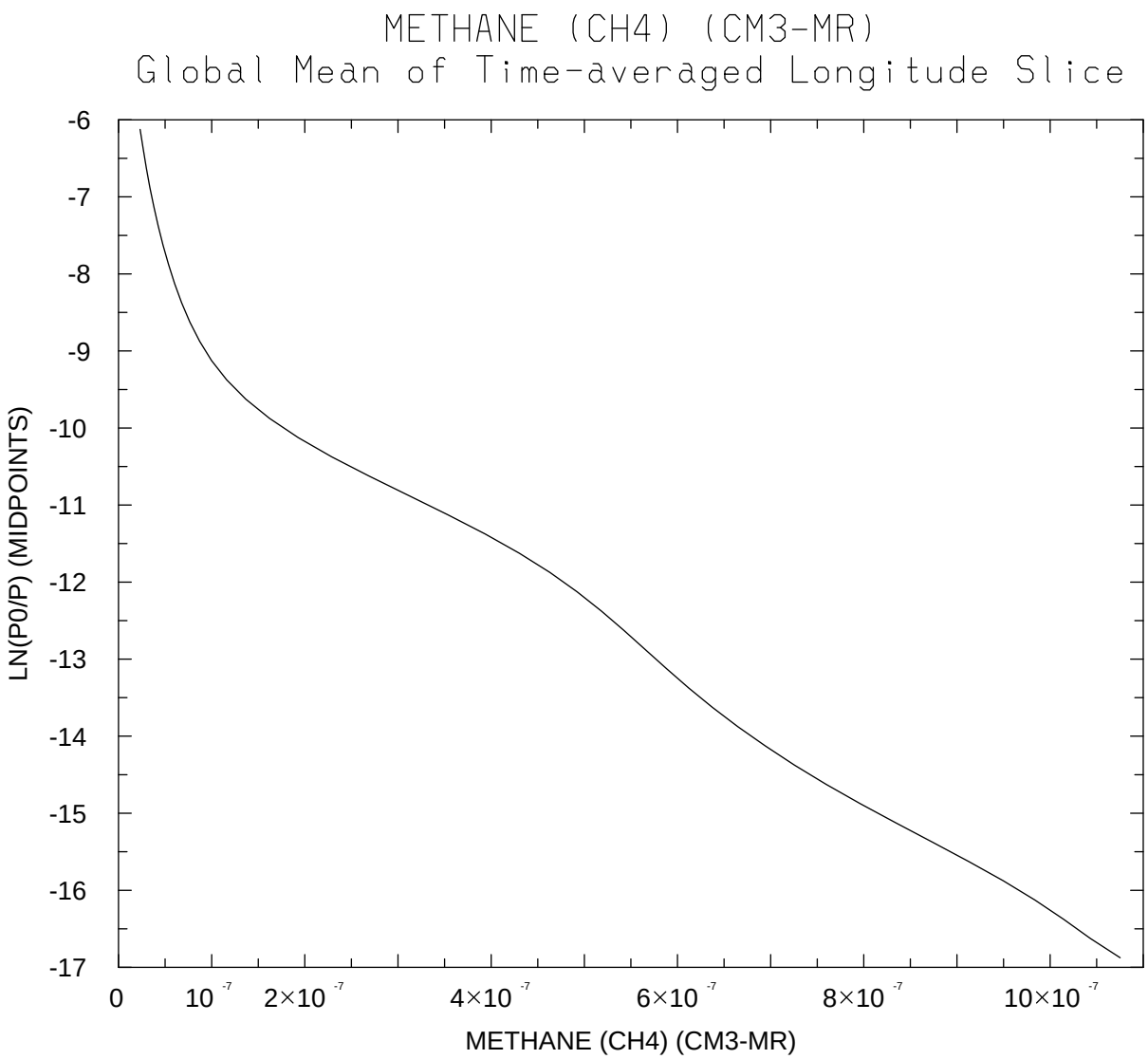
MIN,MAX= 1.4917E-08 1.3781E-06 INTERVAL= 1.0000E-07
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

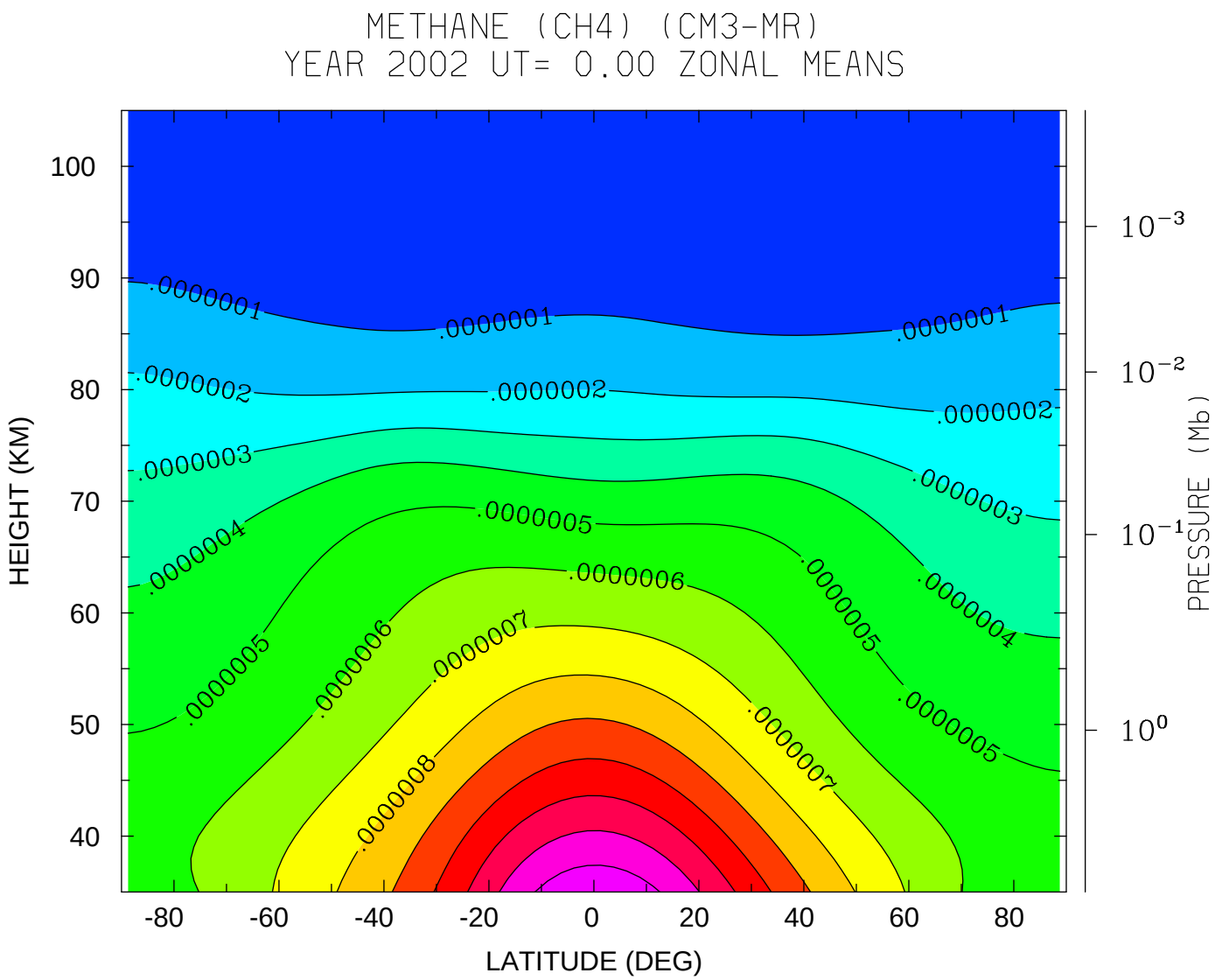

METHANE (CH4) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
110
100
90
80
70
60
50
40
30
HEIGHT (KM)
0
10 -7
2×10 -7
4×10 -7
6×10 -7
8×10 -7
10×10 -7
METHANE (CH4) (CM3-MR)
MIN,MAX= 0.1926E-07, 0.1025E-05
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

METHANE (CH4) (CM3-MR)
YEAR 2002 UT= 0.00 ZONAL MEANS

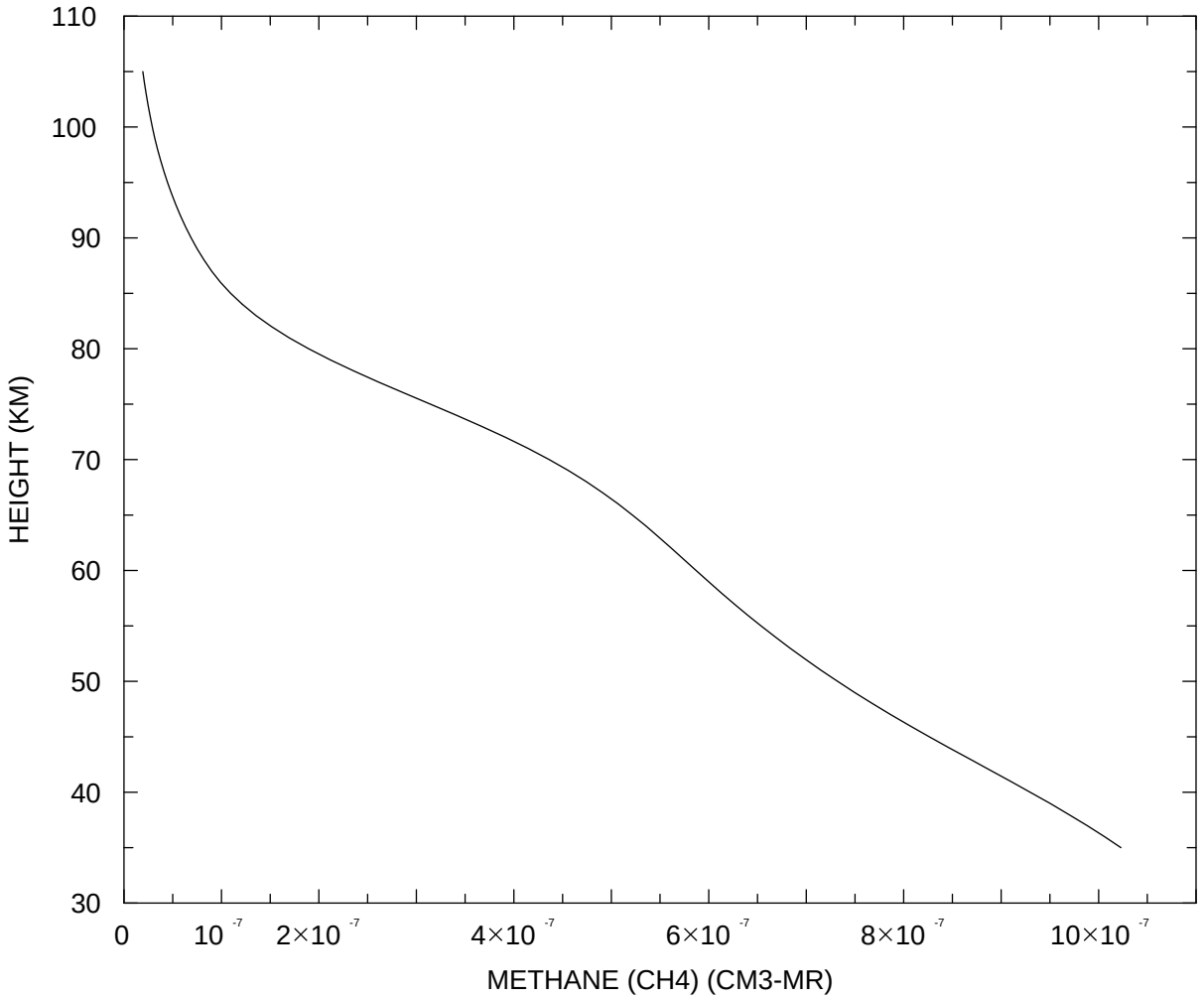


MIN,MAX= 2.0950E-08 1.4981E-06 INTERVAL= 1.0000E-07
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

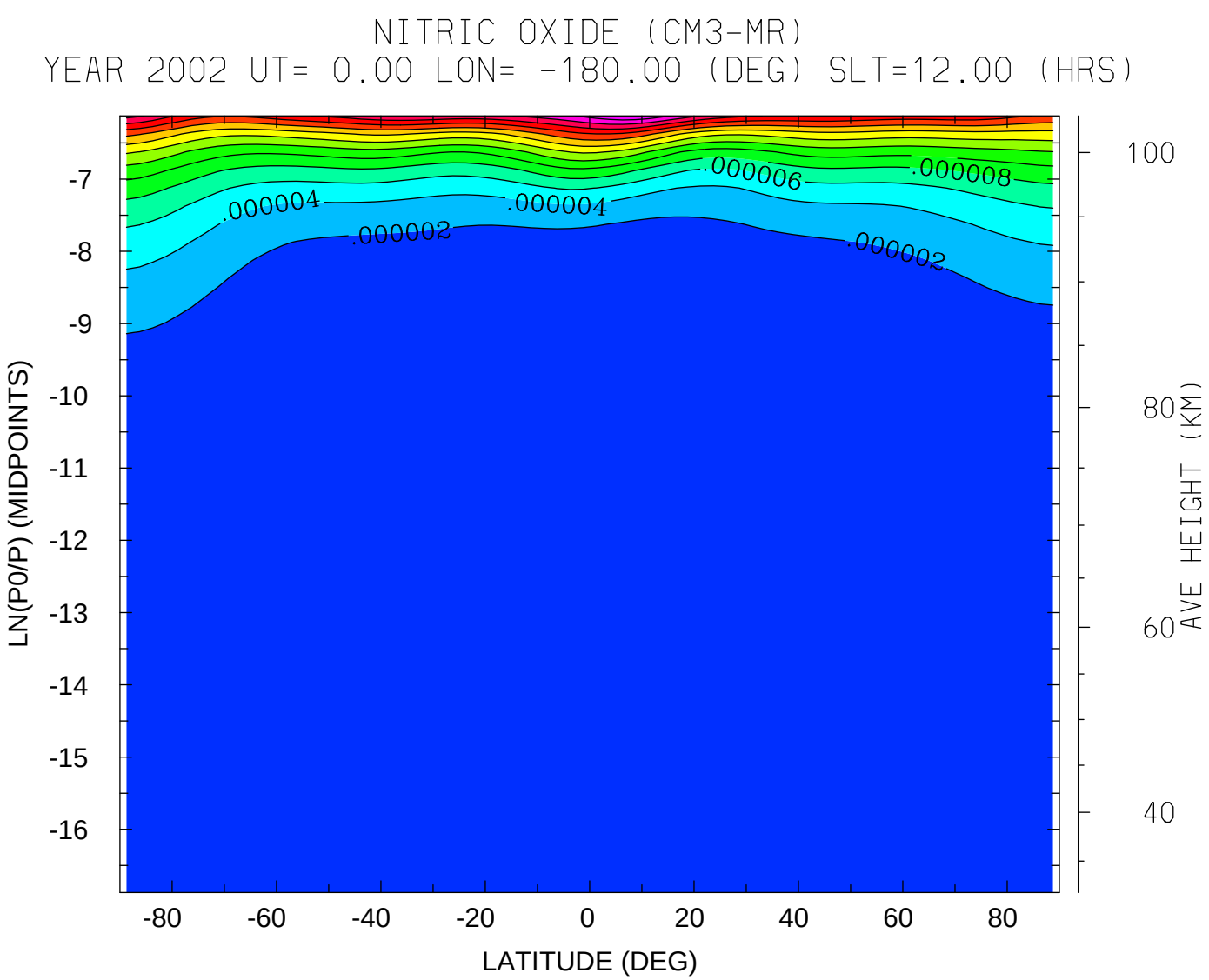

METHANE (CH4) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
LN(P0/P) (MIDPOINTS)
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
0
10 -7
2×10 -7
4×10 -7
6×10 -7
8×10 -7
10×10 -7
METHANE (CH4) (CM3-MR)
MIN,MAX= 0.2324E-07, 0.1075E-05
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

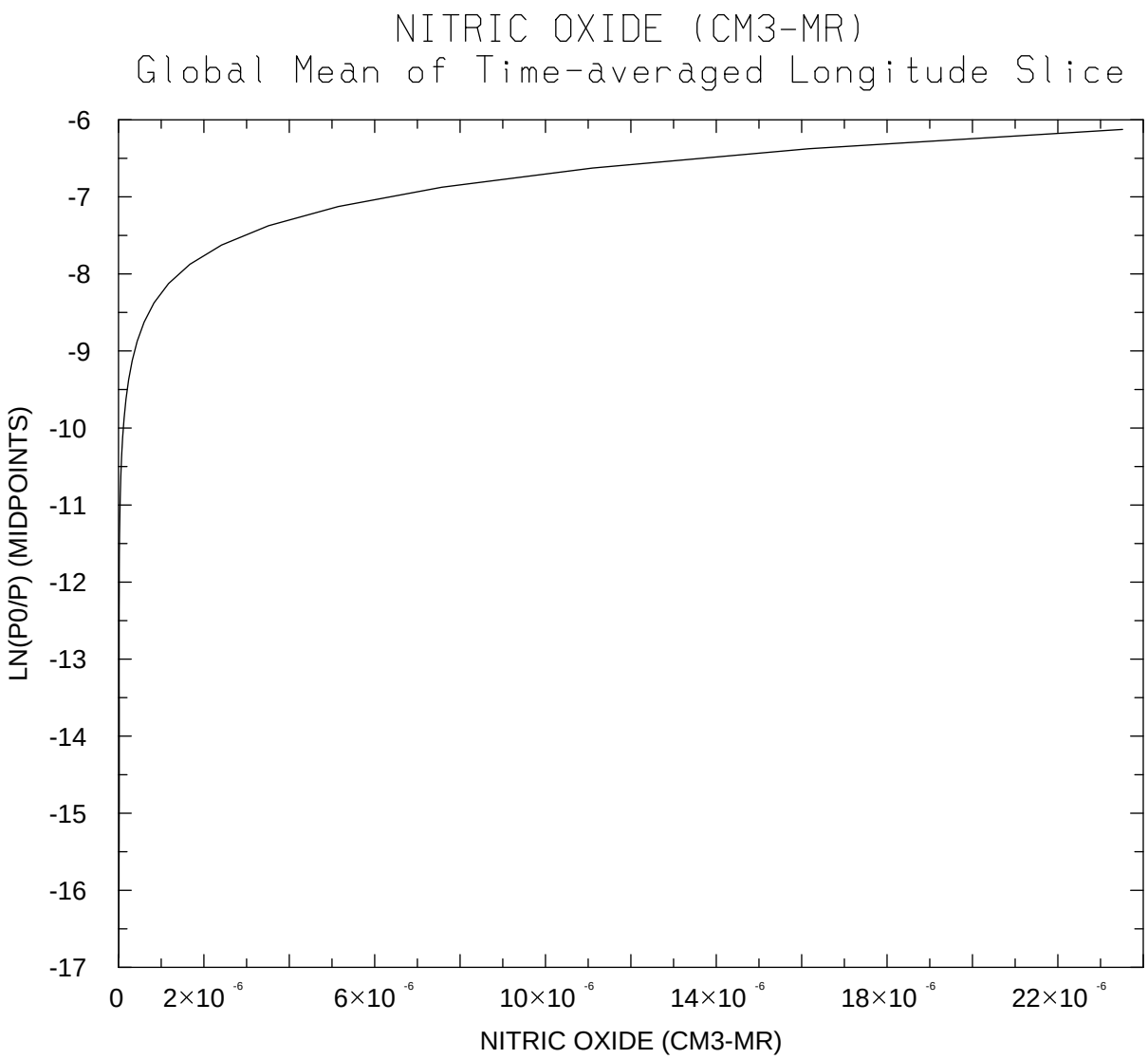

METHANE (CH4) (CM3-MR)
YEAR 2002 UT= 0.00 ZONAL MEANS
HEIGHT (KM)
100
90
80
70
60
50
40
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
PRESSURE (Mb)
10^{-3}
10^{-2}
10^{-1}
10^{0}
.0000001
.0000002
.0000003
.0000004
.0000005
.0000006
.0000007
.0000008
MIN,MAX= 1.4863E-08 1.3775E-06 INTERVAL= 1.0000E-07
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

METHANE (CH4) (CM3-MR)
Global Mean of Time-averaged Longitude Slice



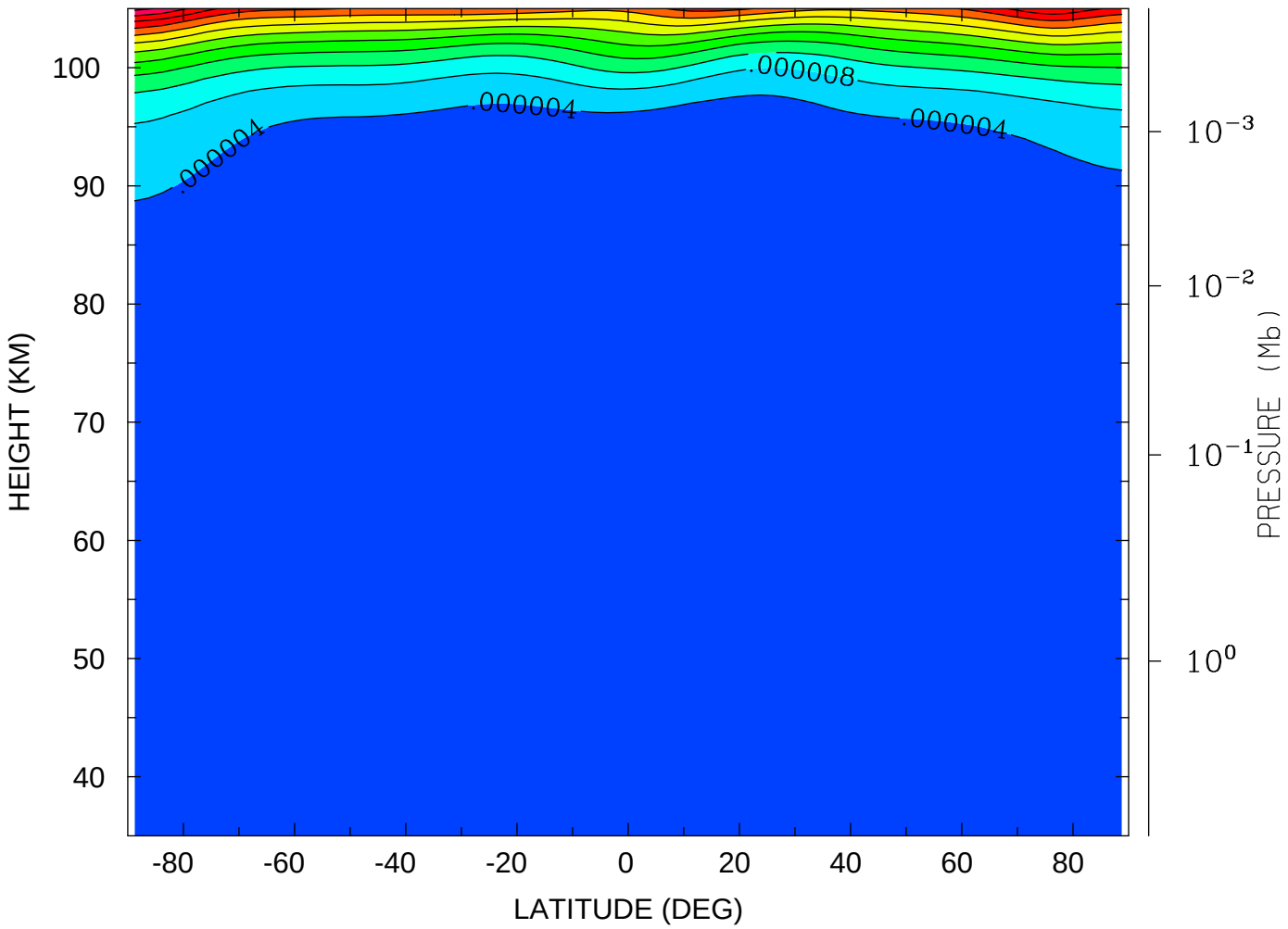
MIN,MAX= 0.1927E-07, 0.1023E-05
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS


NITRIC OXIDE (CM3-MR)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)
LN(P0/P) (MIDPOINTS)
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
.000004
.000002
.000006
.000004
.000008
.000002
100
80
60
40
AVE HEIGHT (KM)
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
MIN,MAX= 2.7167E-09 2.7826E-05 INTERVAL= 2.0000E-06
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



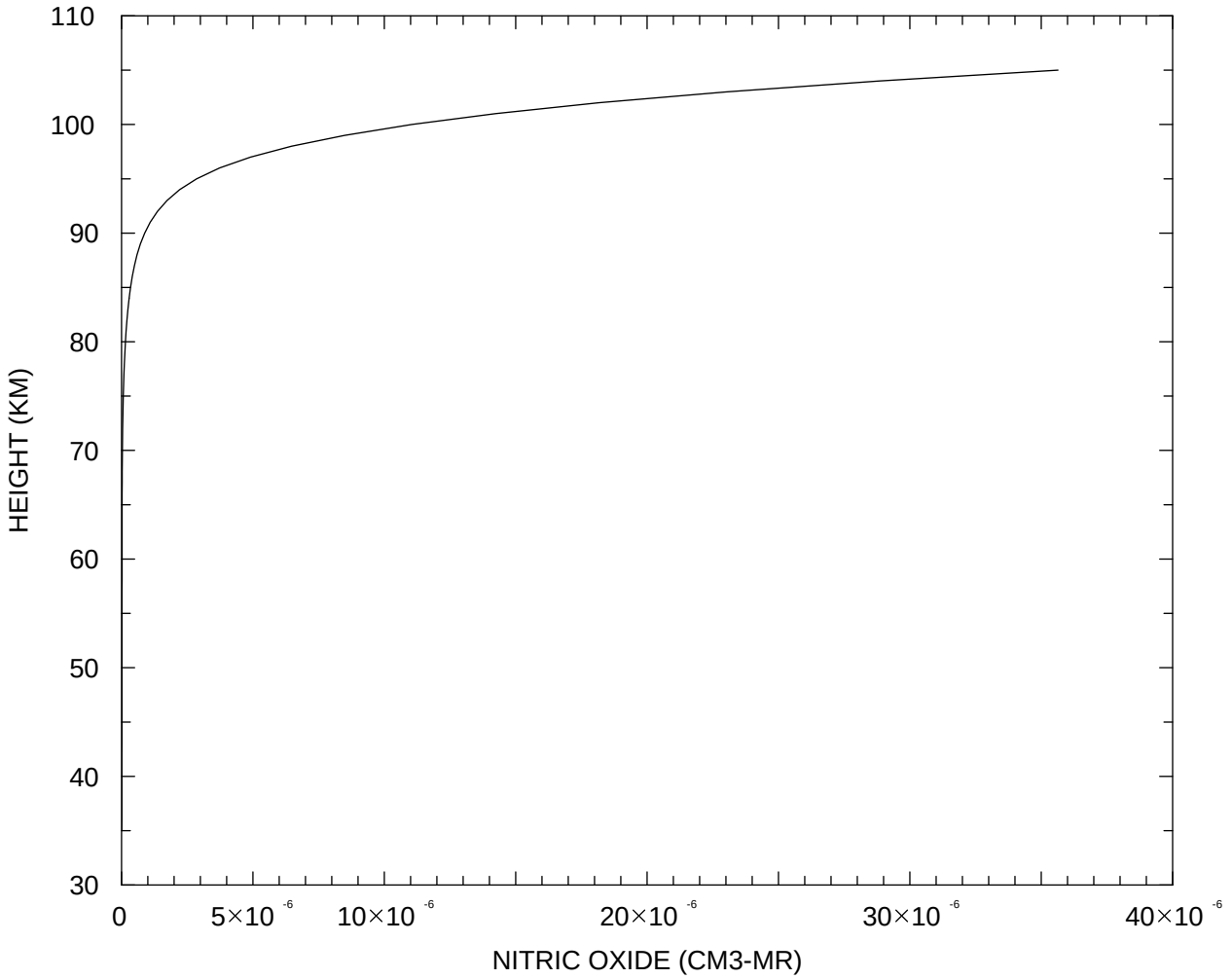
MIN,MAX= 0.6684E-08, 0.2352E-04
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

NITRIC OXIDE (CM3-MR)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



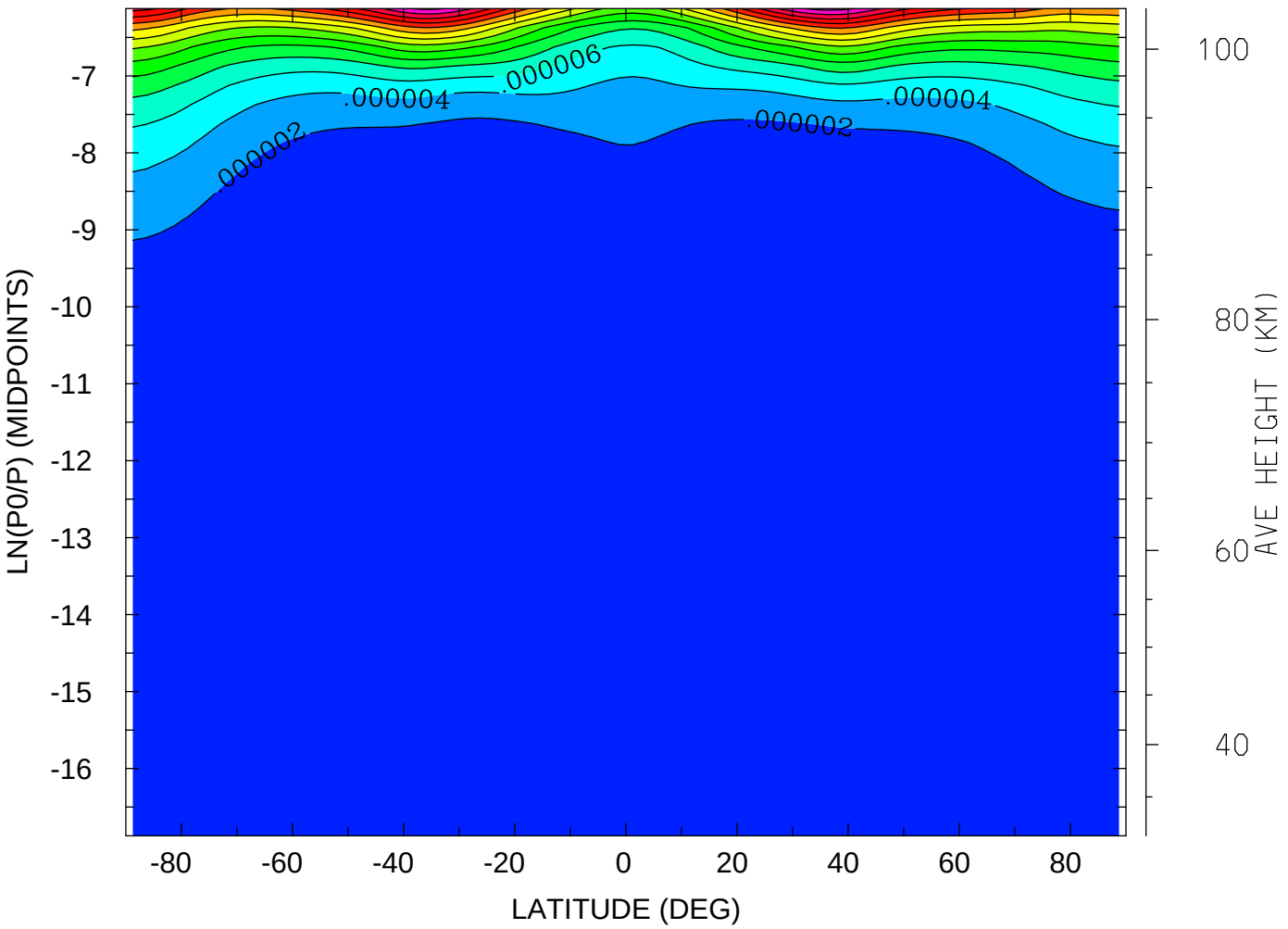
MIN,MAX= 4.7994E-09 4.9141E-05 INTERVAL= 4.0000E-06
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

NITRIC OXIDE (CM3-MR)
Global Mean of Time-averaged Longitude Slice

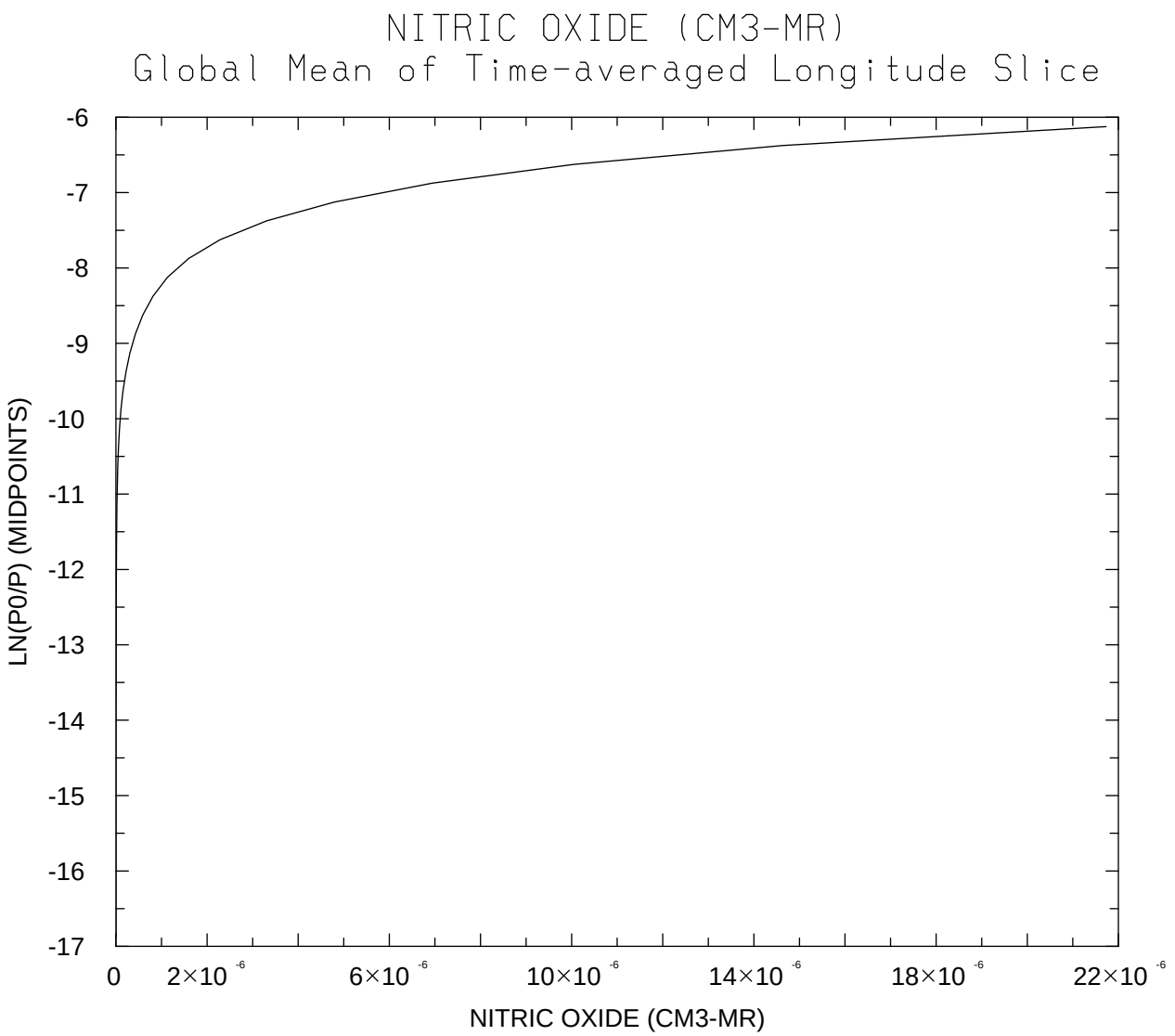


MIN,MAX= 0.8598E-08, 0.3564E-04
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

NITRIC OXIDE (CM3-MR)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)

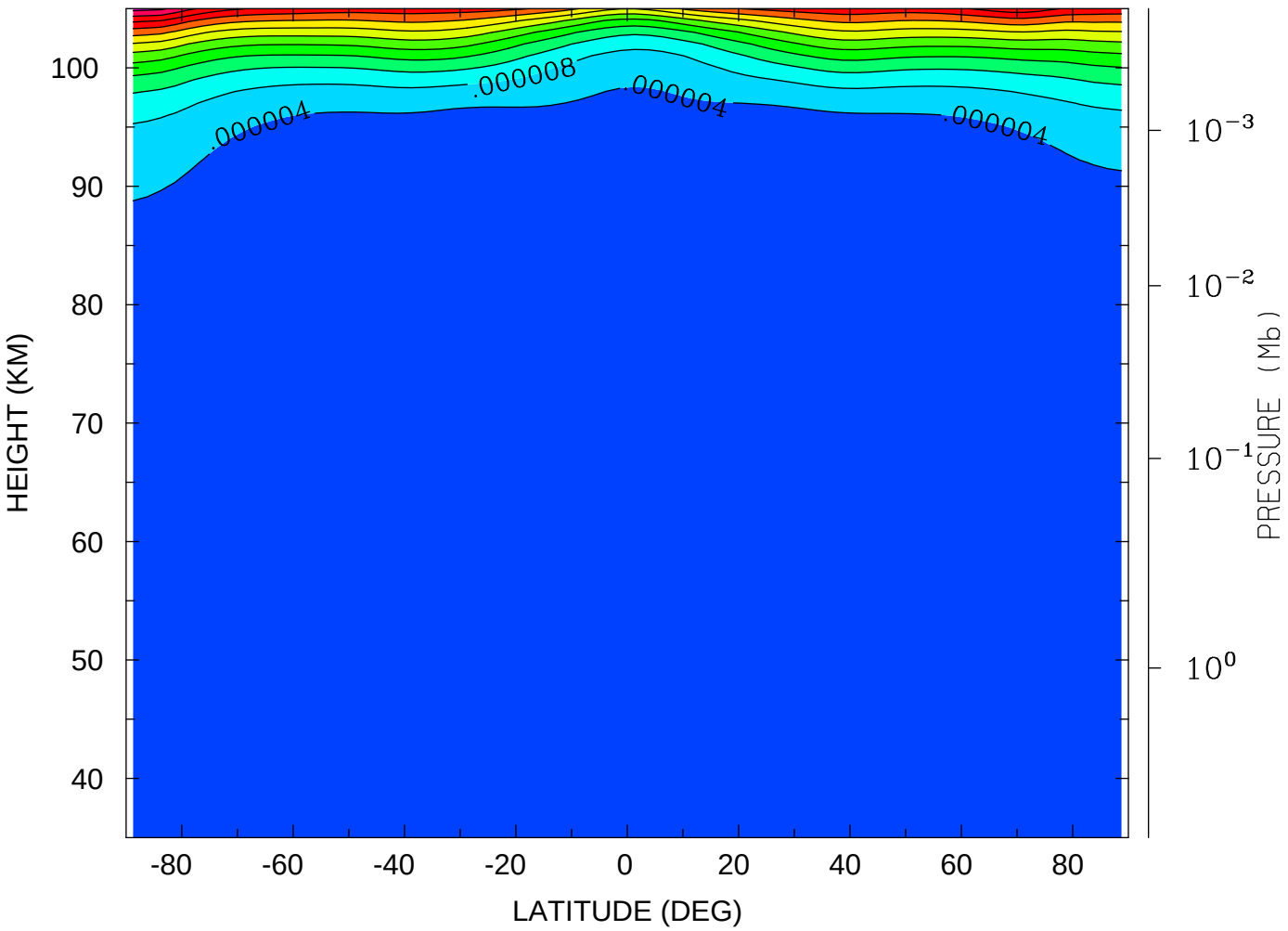


MIN,MAX= 1.8550E-10 2.8730E-05 INTERVAL= 2.0000E-06
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

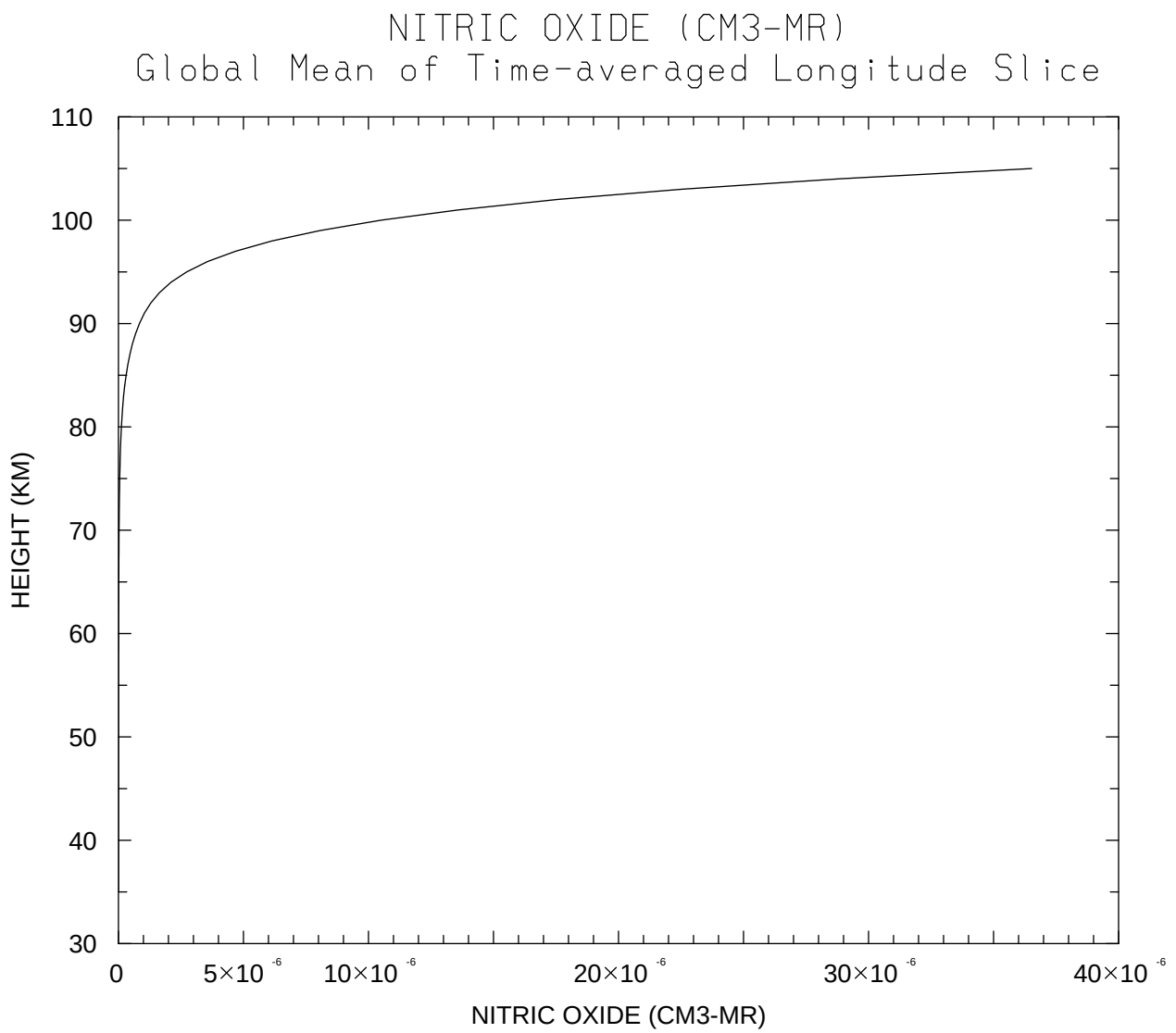


MIN,MAX= 0.1493E-08, 0.2173E-04
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

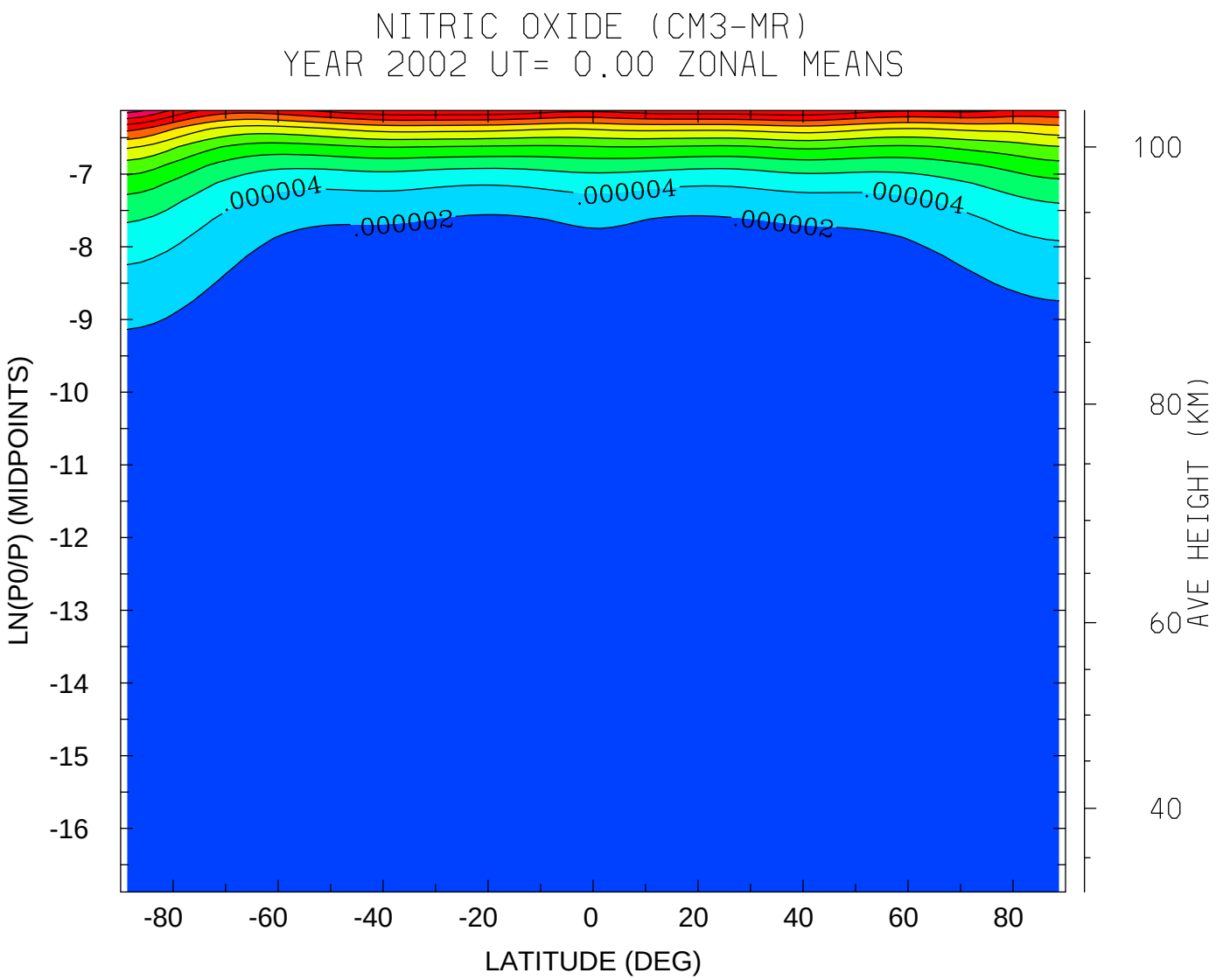
NITRIC OXIDE (CM3-MR)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



MIN,MAX= 2.2758E-10 4.9470E-05 INTERVAL= 4.0000E-06
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



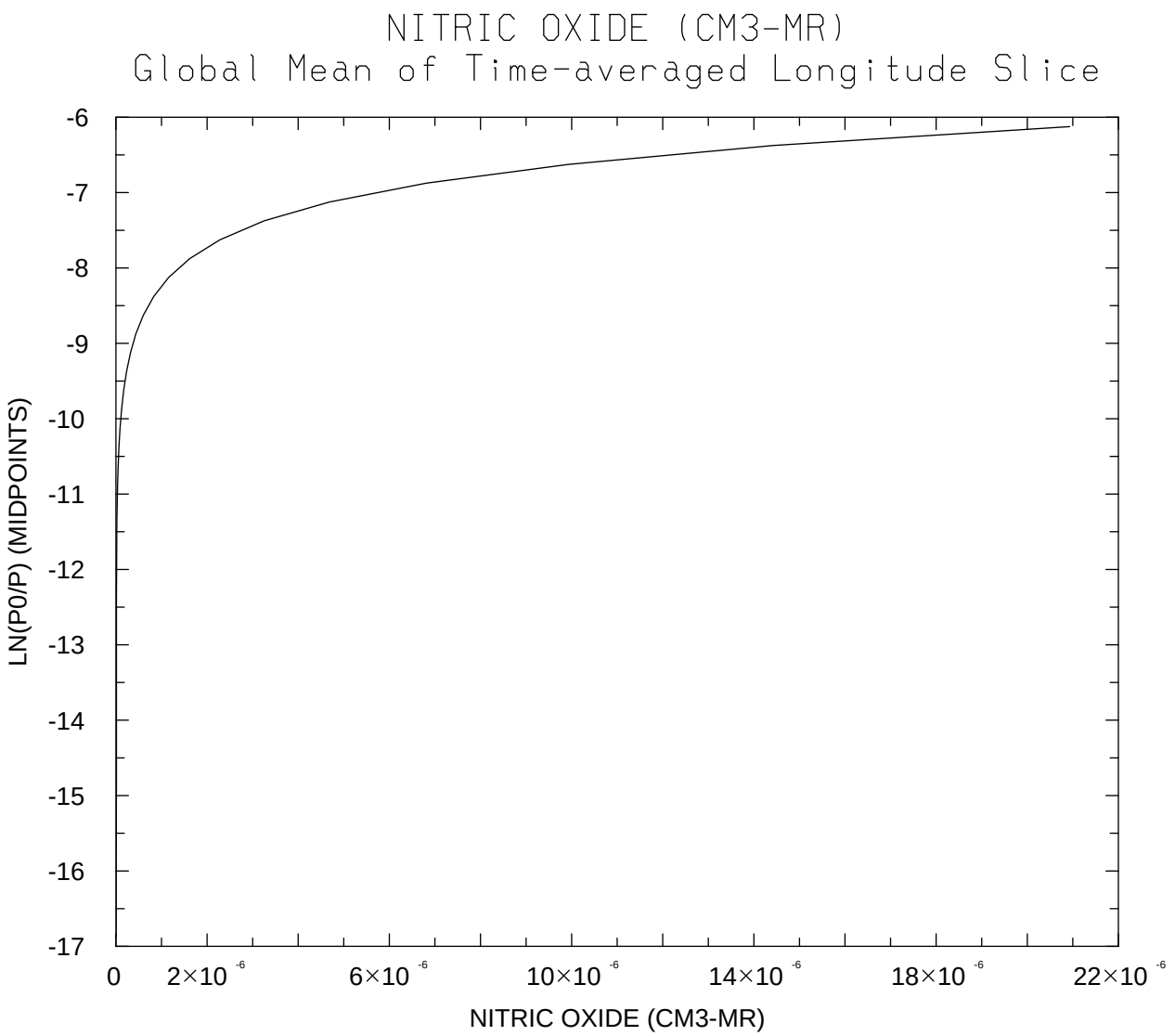
MIN,MAX= 0.1616E-08, 0.3652E-04
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

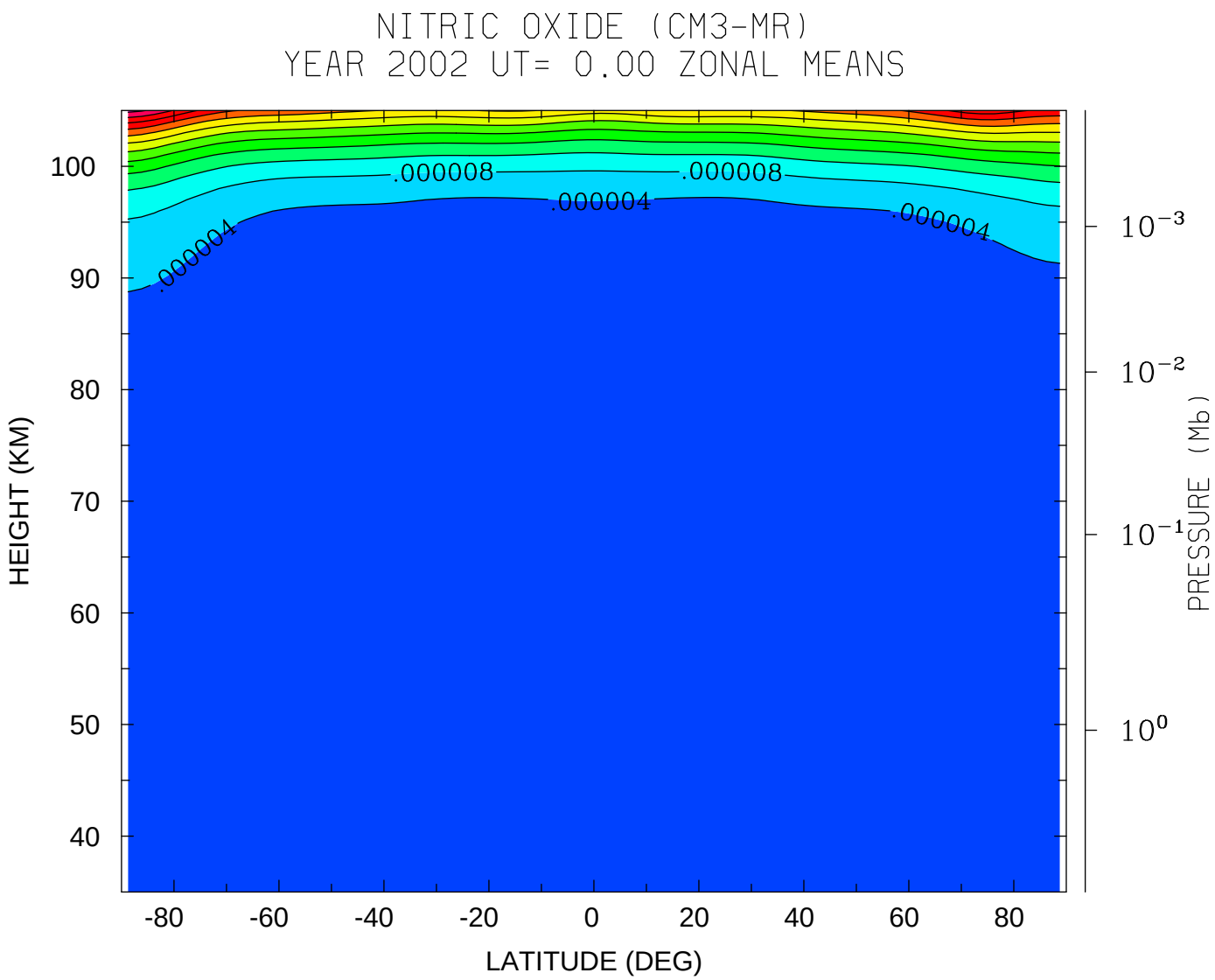


MIN,MAX= 1.6860E-09 2.4771E-05 INTERVAL= 2.0000E-06

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc


NITRIC OXIDE (CM3-MR)
Global Mean of Time-averaged Longitude Slice
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
LN(P0/P) (MIDPOINTS)
0
2×10 -6
6×10 -6
10×10 -6
14×10 -6
18×10 -6
22×10 -6
NITRIC OXIDE (CM3-MR)
MIN,MAX= 0.4676E-08, 0.2093E-04
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

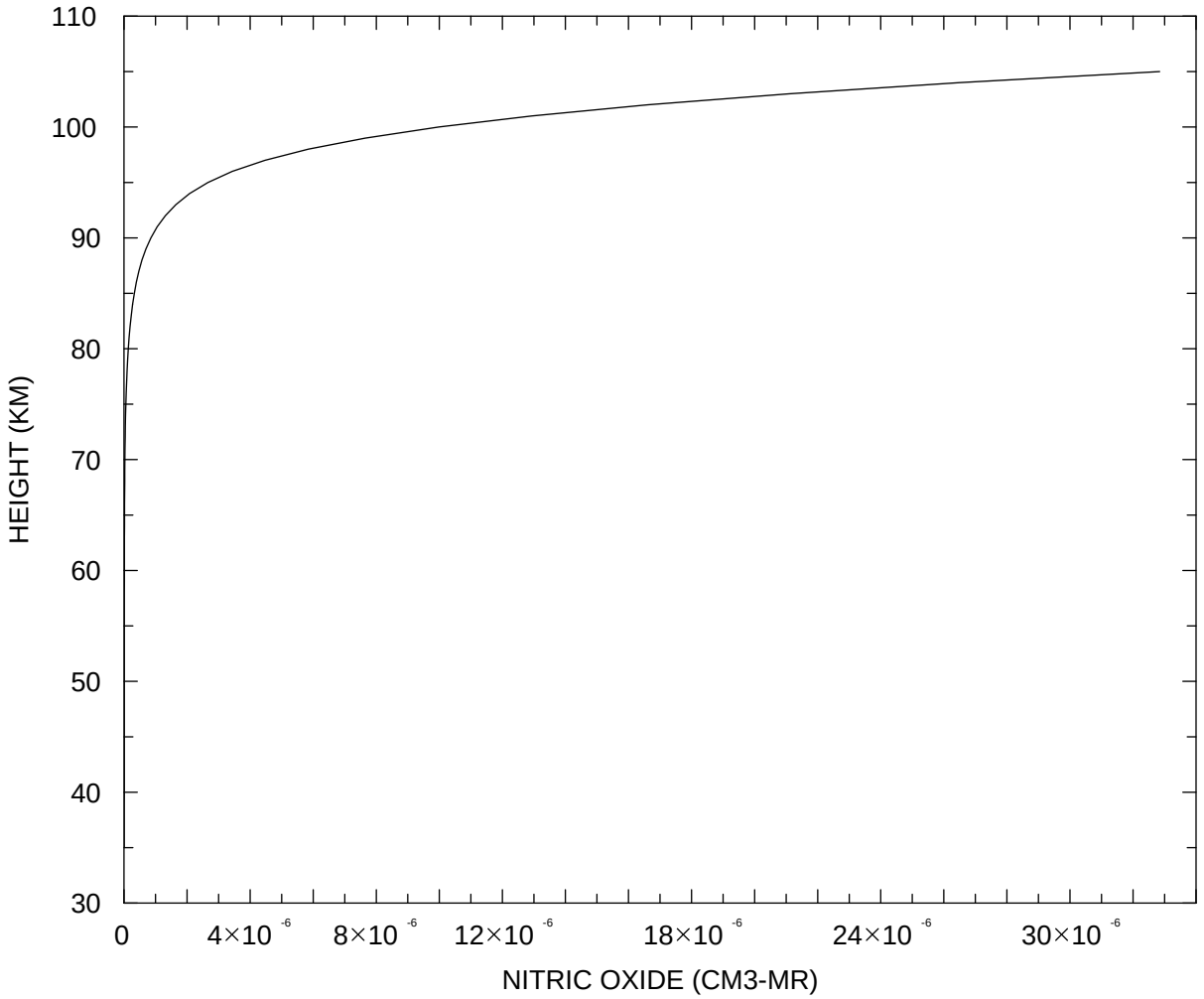


MIN,MAX= 2.9181E-09 4.9361E-05 INTERVAL= 4.0000E-06

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

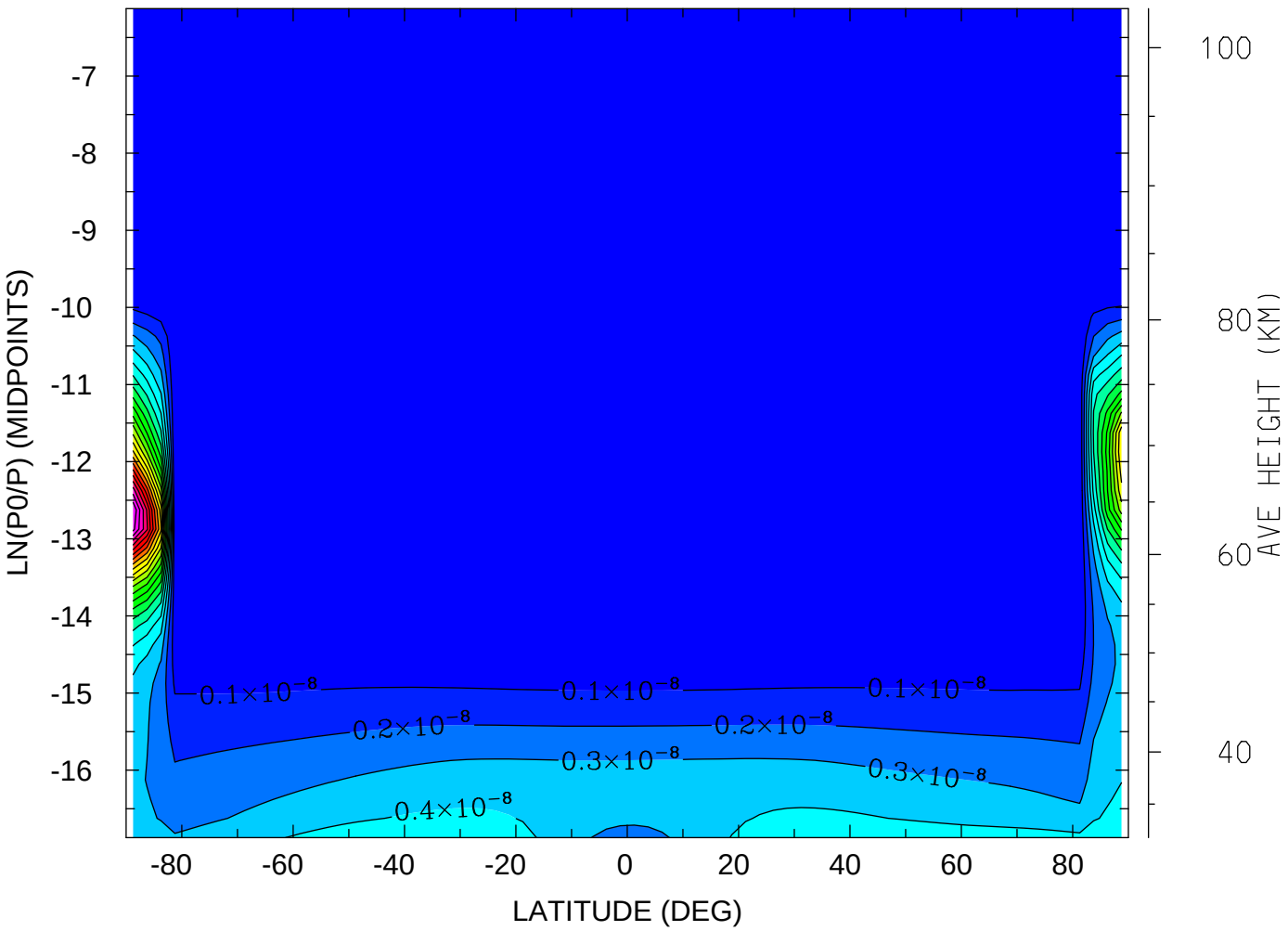
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

NITRIC OXIDE (CM3-MR)
Global Mean of Time-averaged Longitude Slice



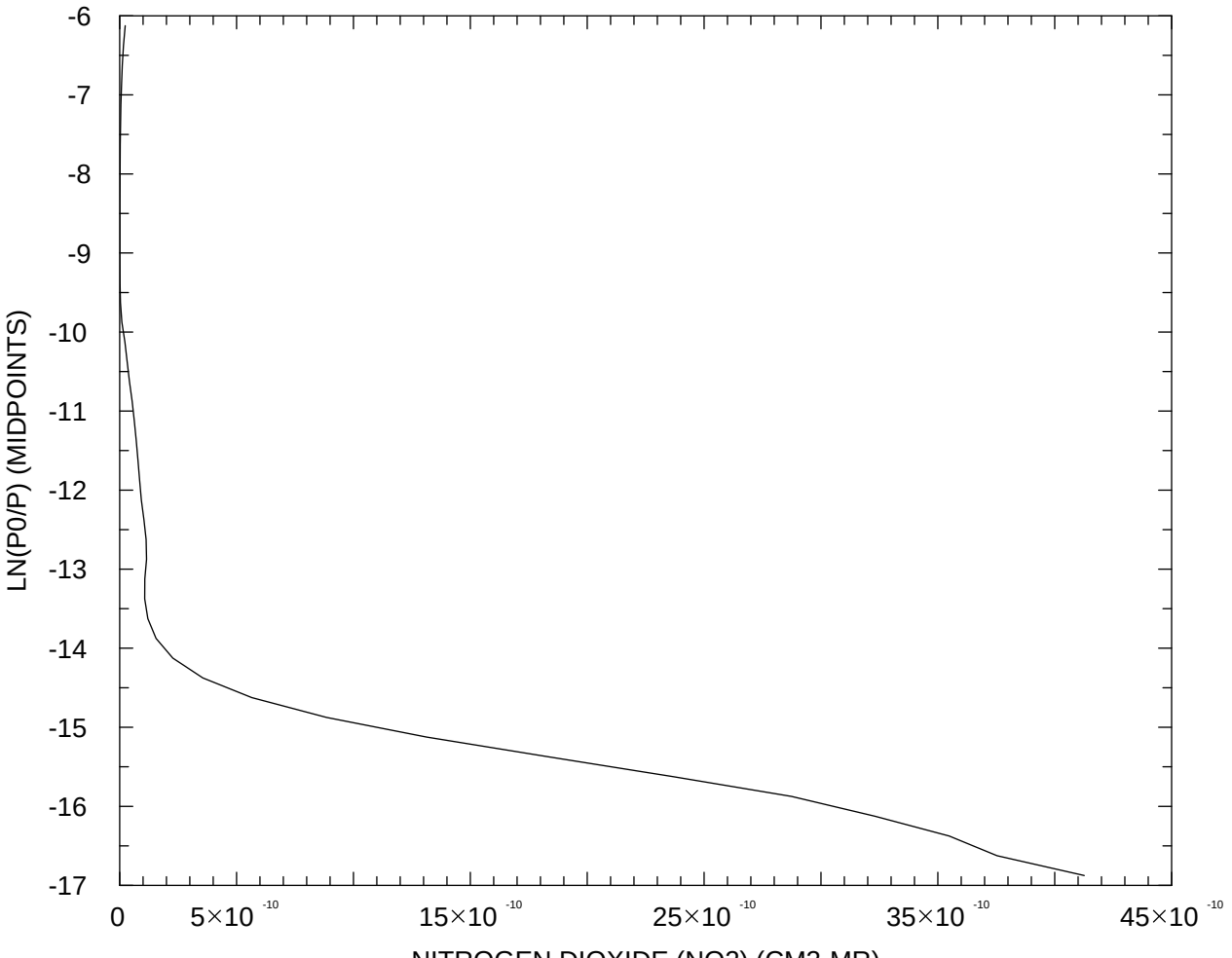
MIN,MAX= 0.5868E-08, 0.3285E-04
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

NITROGEN DIOXIDE (NO2) (CM3-MR)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



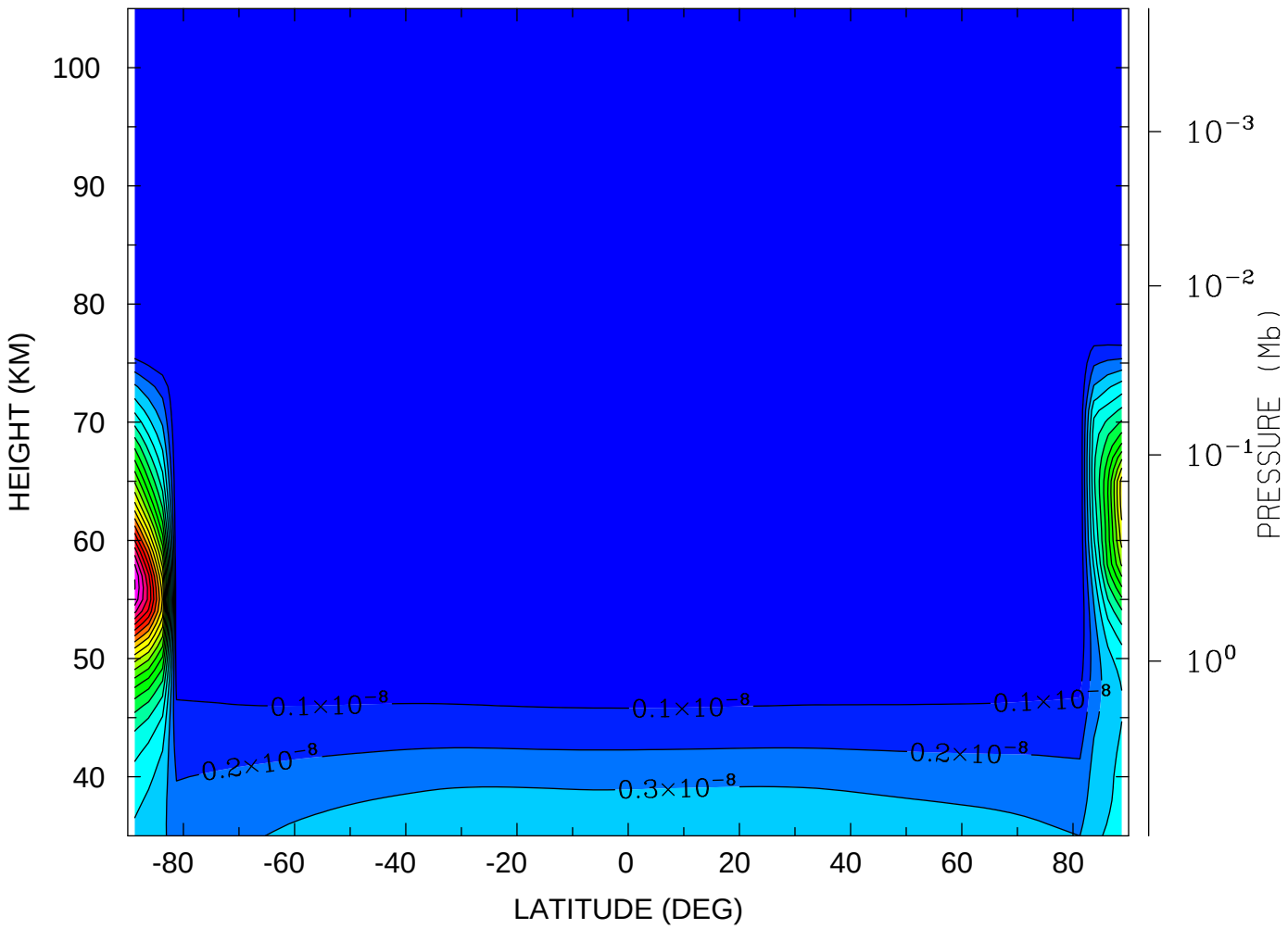
MIN,MAX= 2.1480E-13 2.2938E-08 INTERVAL= 1.0000E-09
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

NITROGEN DIOXIDE (NO2) (CM3-MR)
Global Mean of Time-averaged Longitude Slice



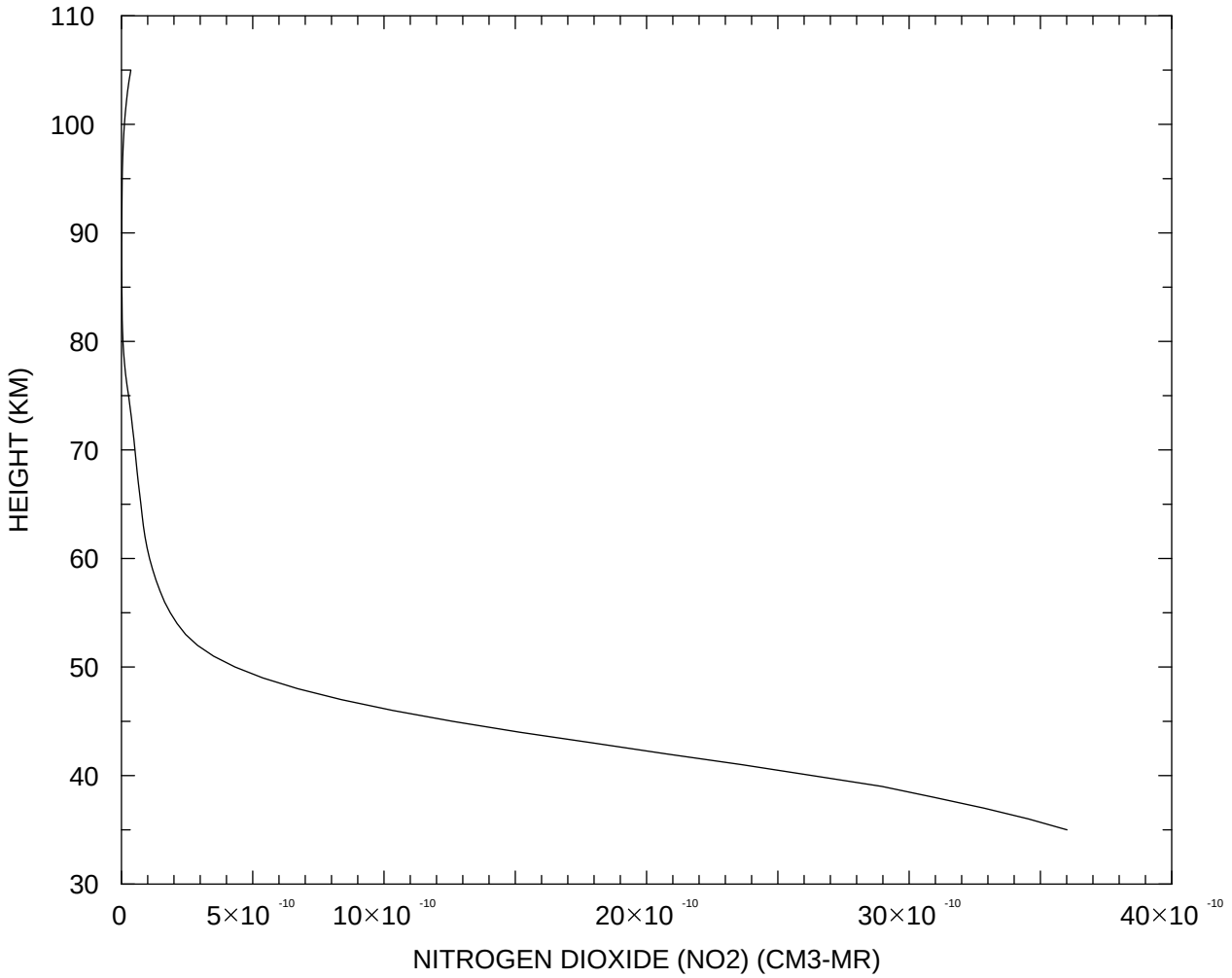
MIN,MAX= 0.6150E-12, 0.4126E-08
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

NITROGEN DIOXIDE (NO2) (CM3-MR)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



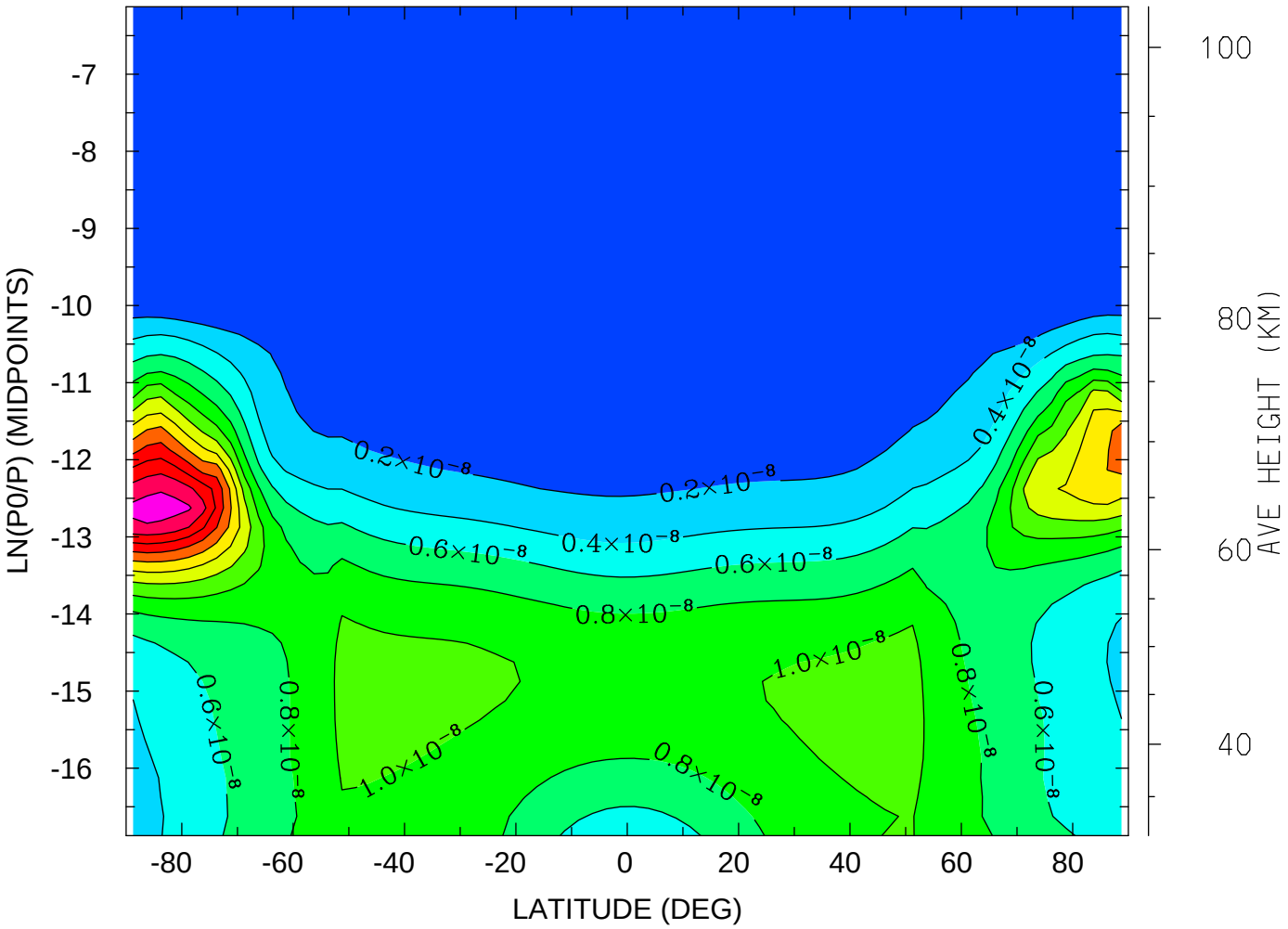
MIN,MAX= 2.2344E-13 2.2050E-08 INTERVAL= 1.0000E-09
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

NITROGEN DIOXIDE (NO2) (CM3-MR)
Global Mean of Time-averaged Longitude Slice



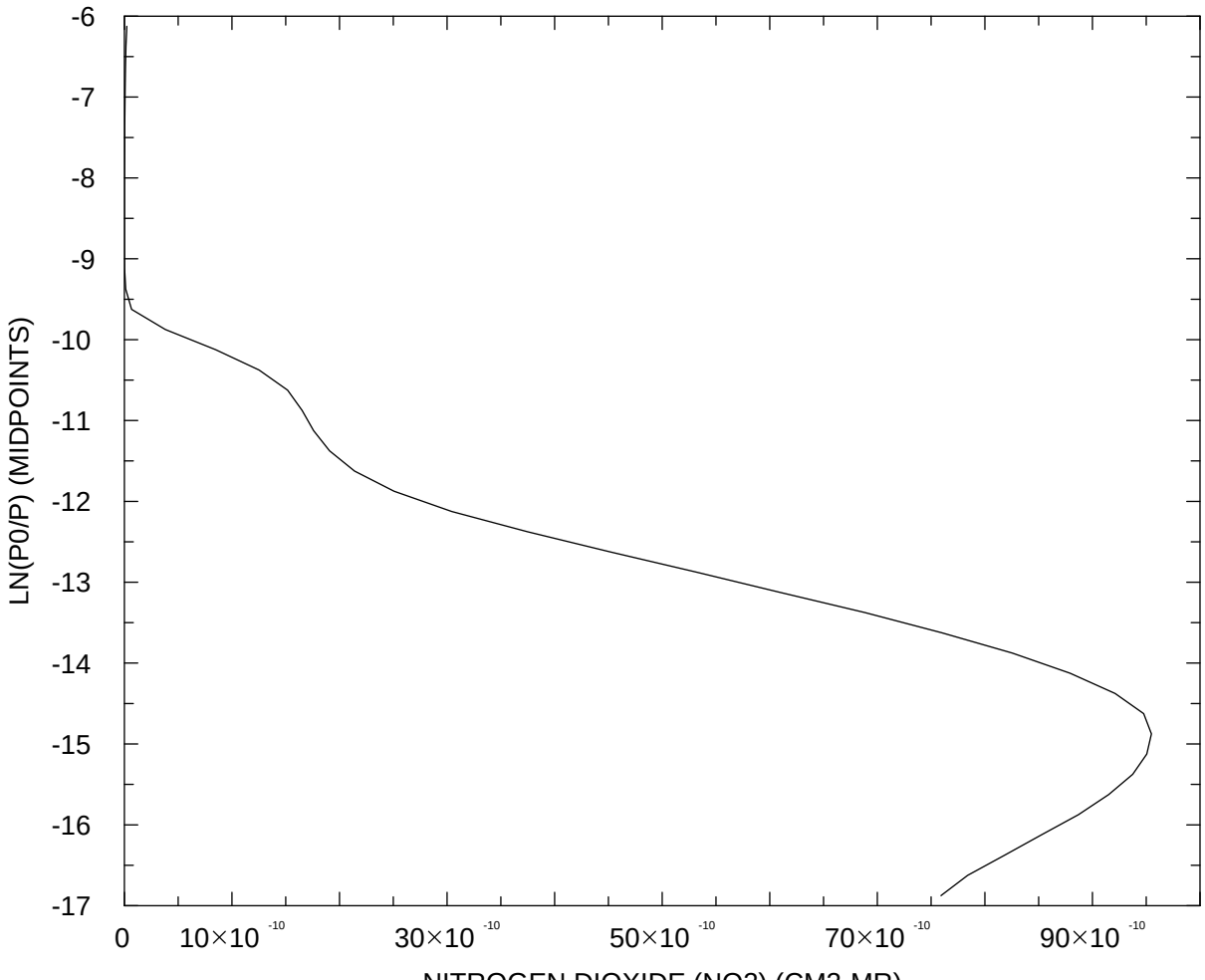
MIN,MAX= 0.7958E-12, 0.3601E-08
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

NITROGEN DIOXIDE (NO2) (CM3-MR)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



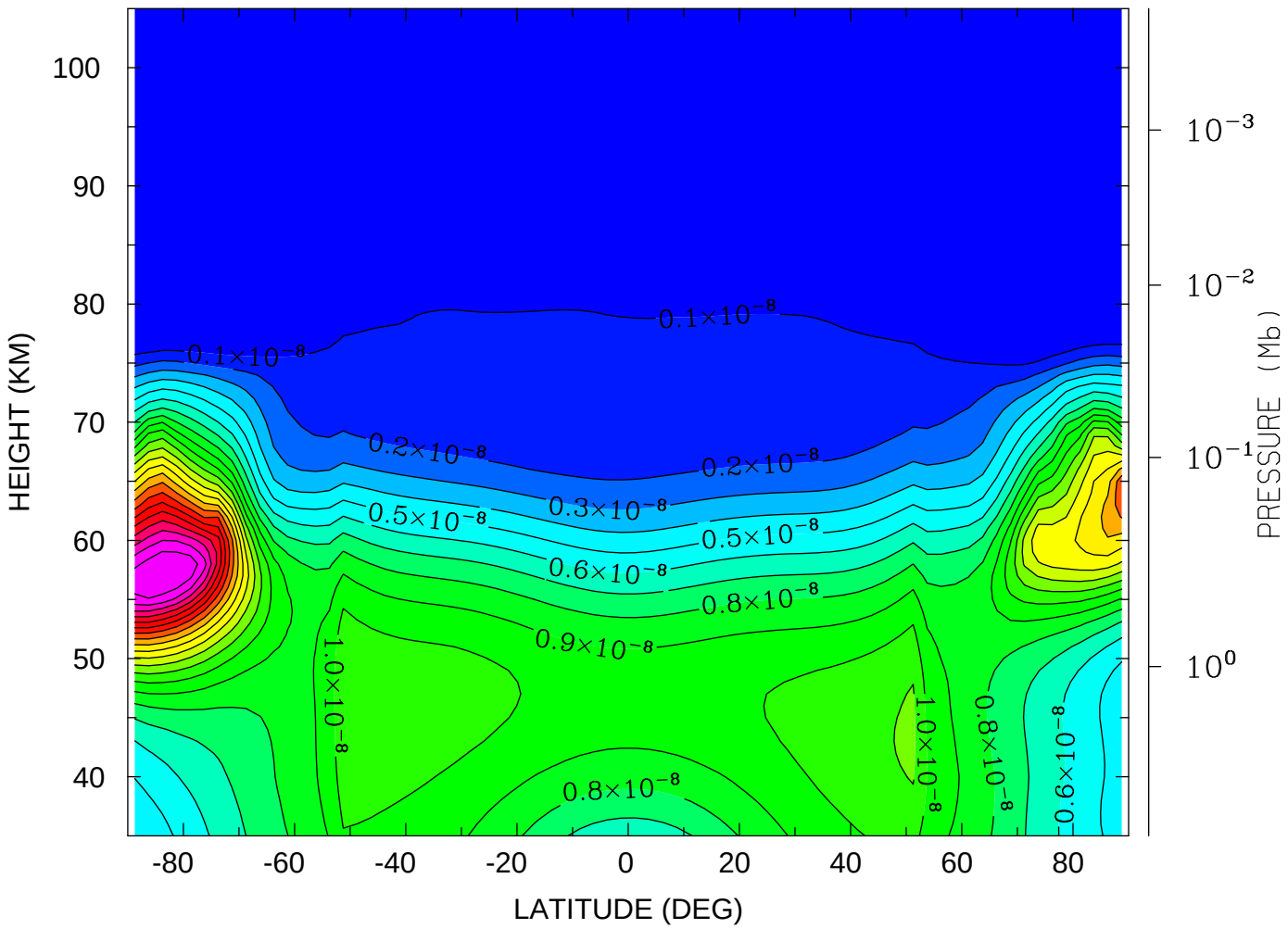
MIN,MAX= 2.7193E-13 2.4905E-08 INTERVAL= 2.0000E-09
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

NITROGEN DIOXIDE (NO2) (CM3-MR)
Global Mean of Time-averaged Longitude Slice

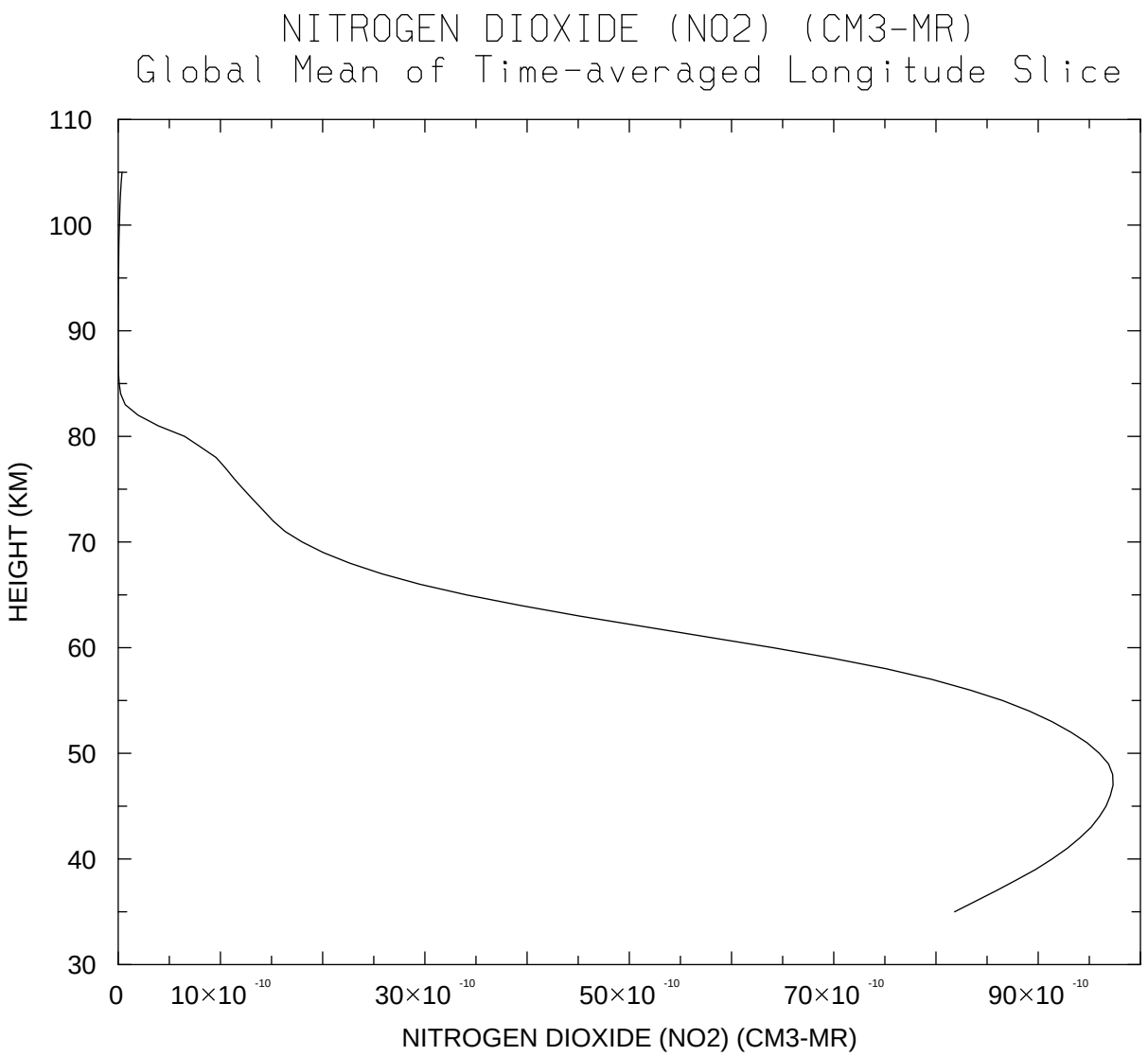


MIN,MAX= 0.7743E-12, 0.9548E-08
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

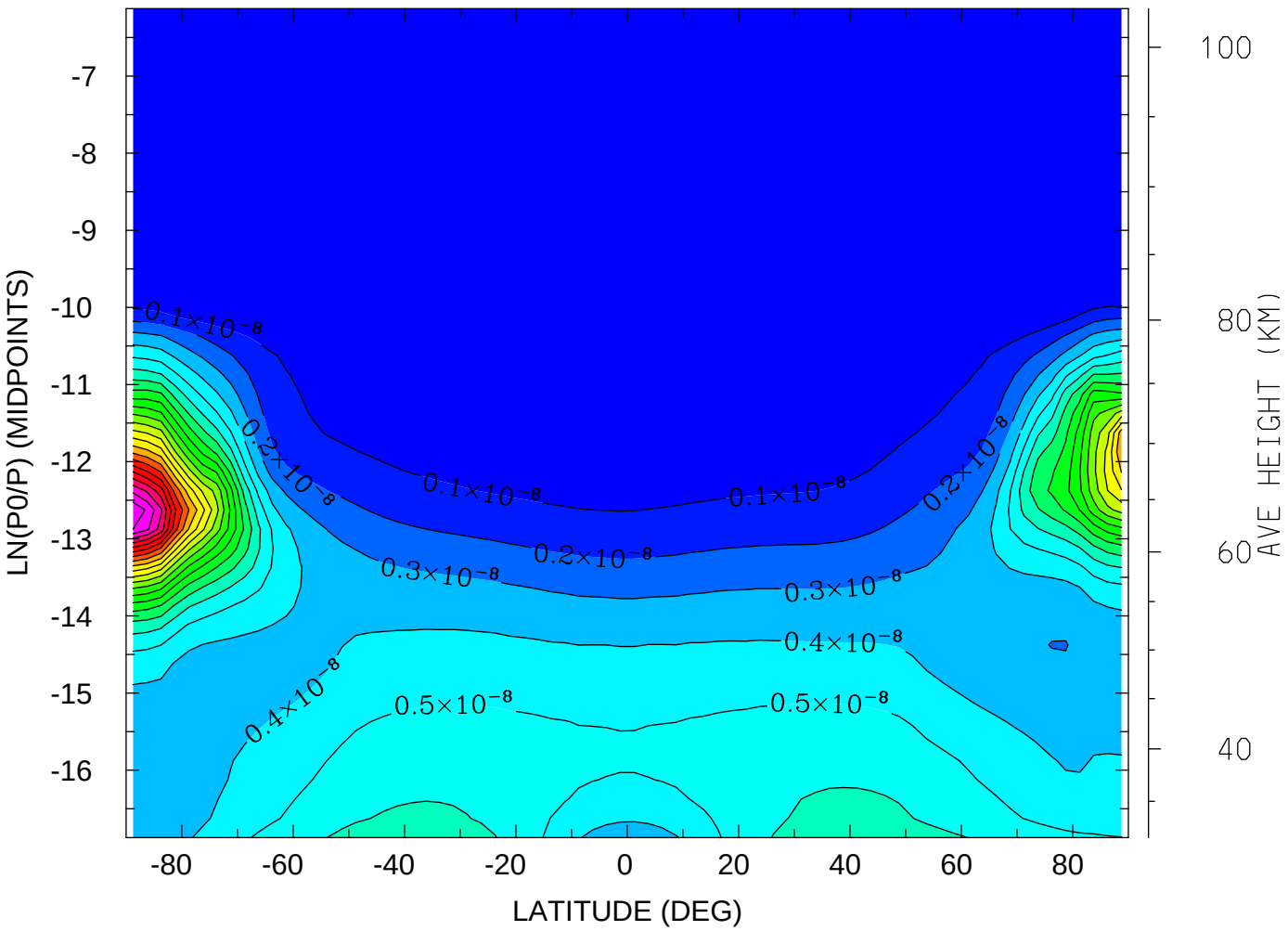
NITROGEN DIOXIDE (NO2) (CM3-MR)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



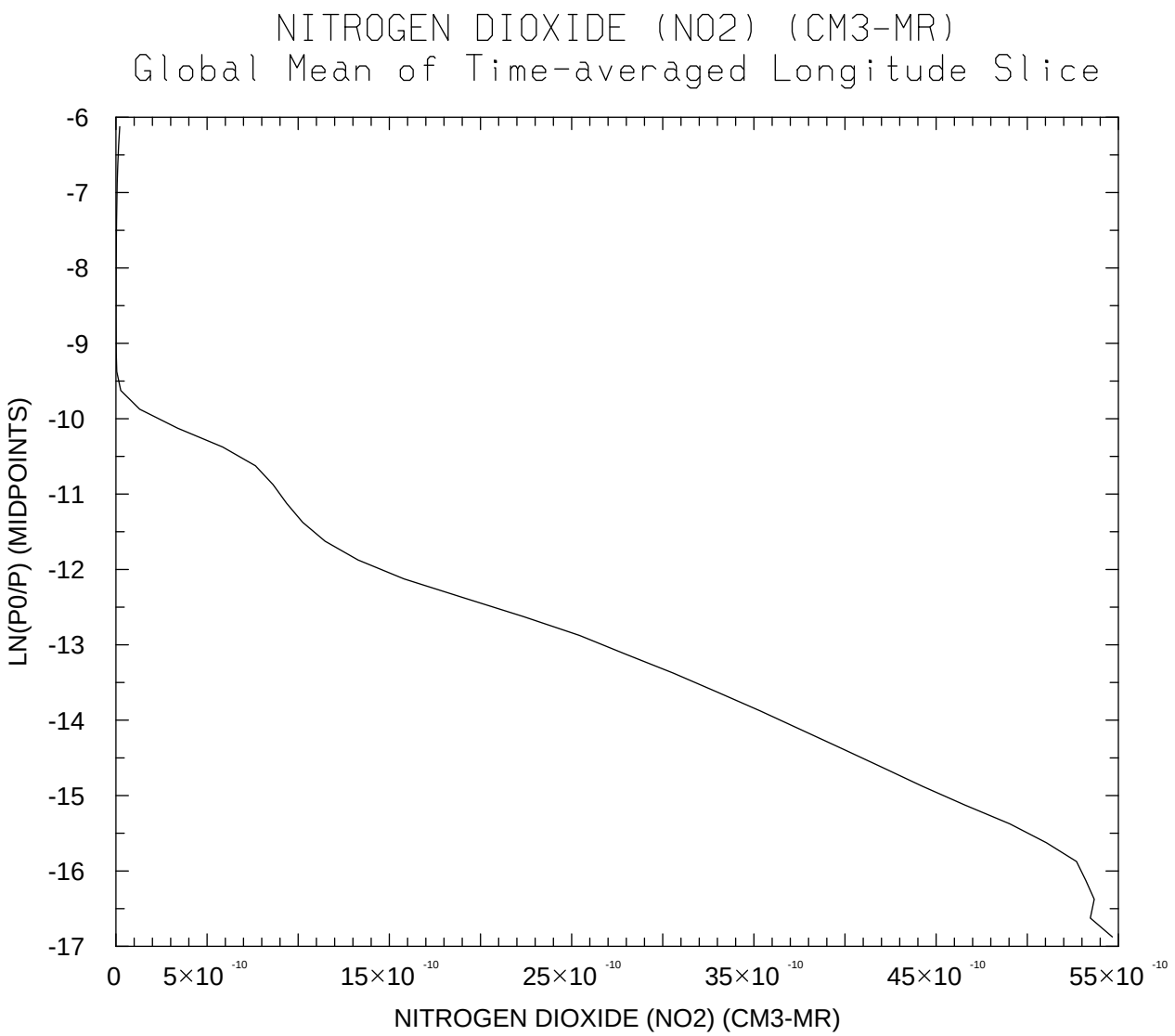
MIN,MAX= 2.7637E-13 2.3966E-08 INTERVAL= 1.0000E-09
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc


NITROGEN DIOXIDE (NO2) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
110
100
90
80
70
60
50
40
30
HEIGHT (KM)
0
10×10 -10
30×10 -10
50×10 -10
70×10 -10
90×10 -10
NITROGEN DIOXIDE (NO2) (CM3-MR)
MIN,MAX= 0.9400E-12, 0.9732E-08
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

NITROGEN DIOXIDE (NO2) (CM3-MR)
YEAR 2002 UT= 0.00 ZONAL MEANS

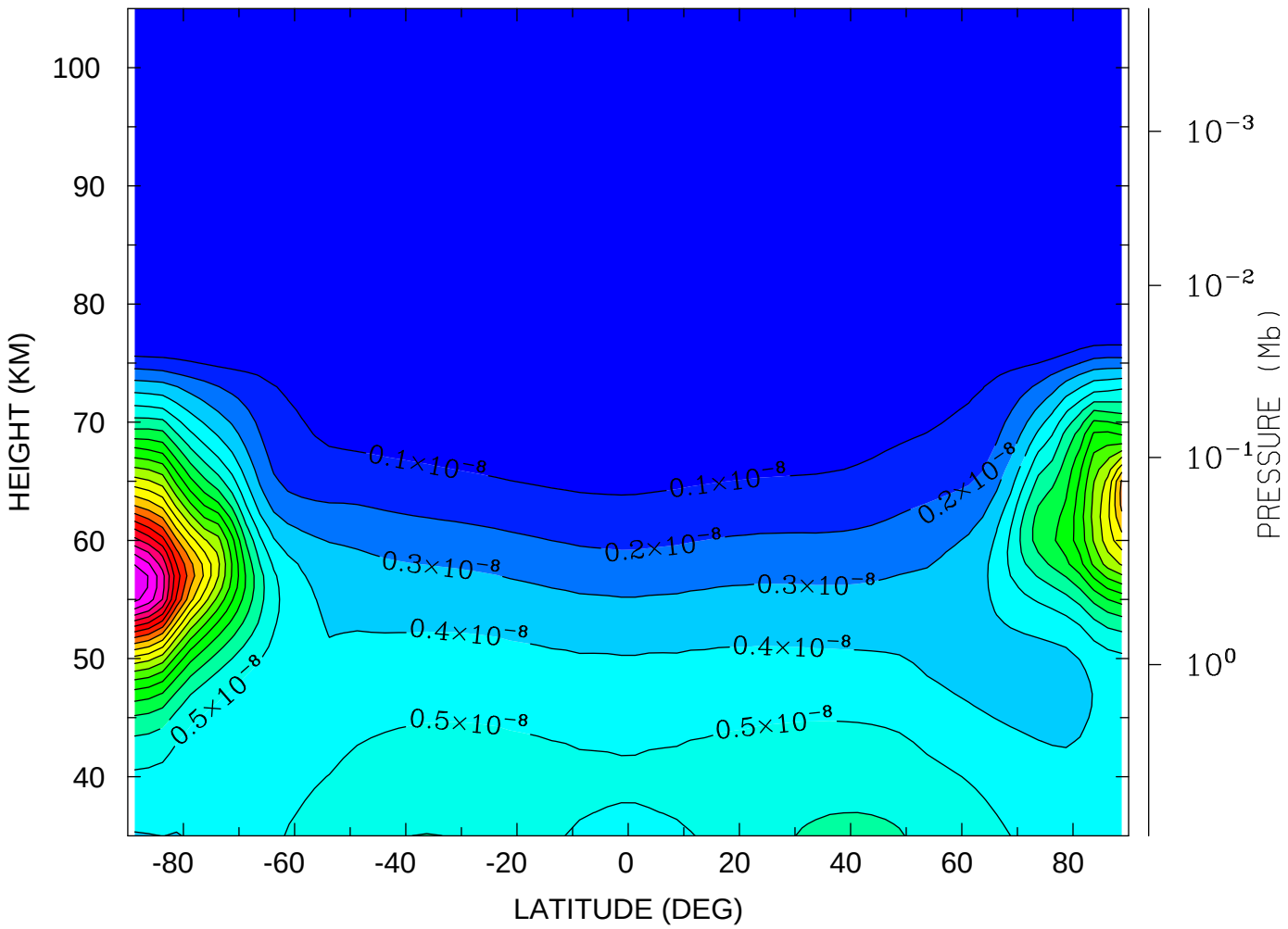


MIN,MAX= 2.5087E-13 2.3819E-08 INTERVAL= 1.0000E-09
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

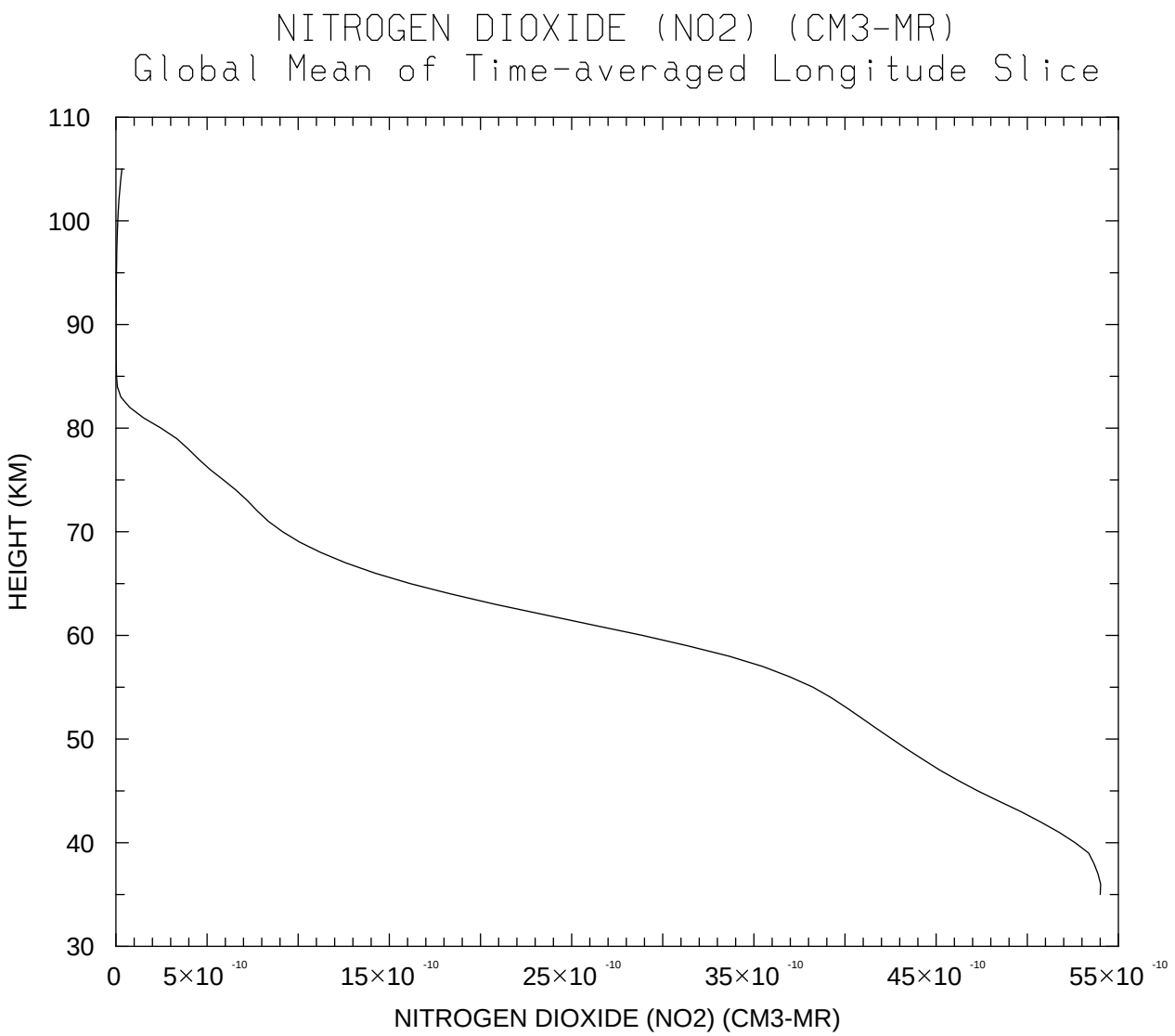


MIN,MAX= 0.7207E-12, 0.5467E-08
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

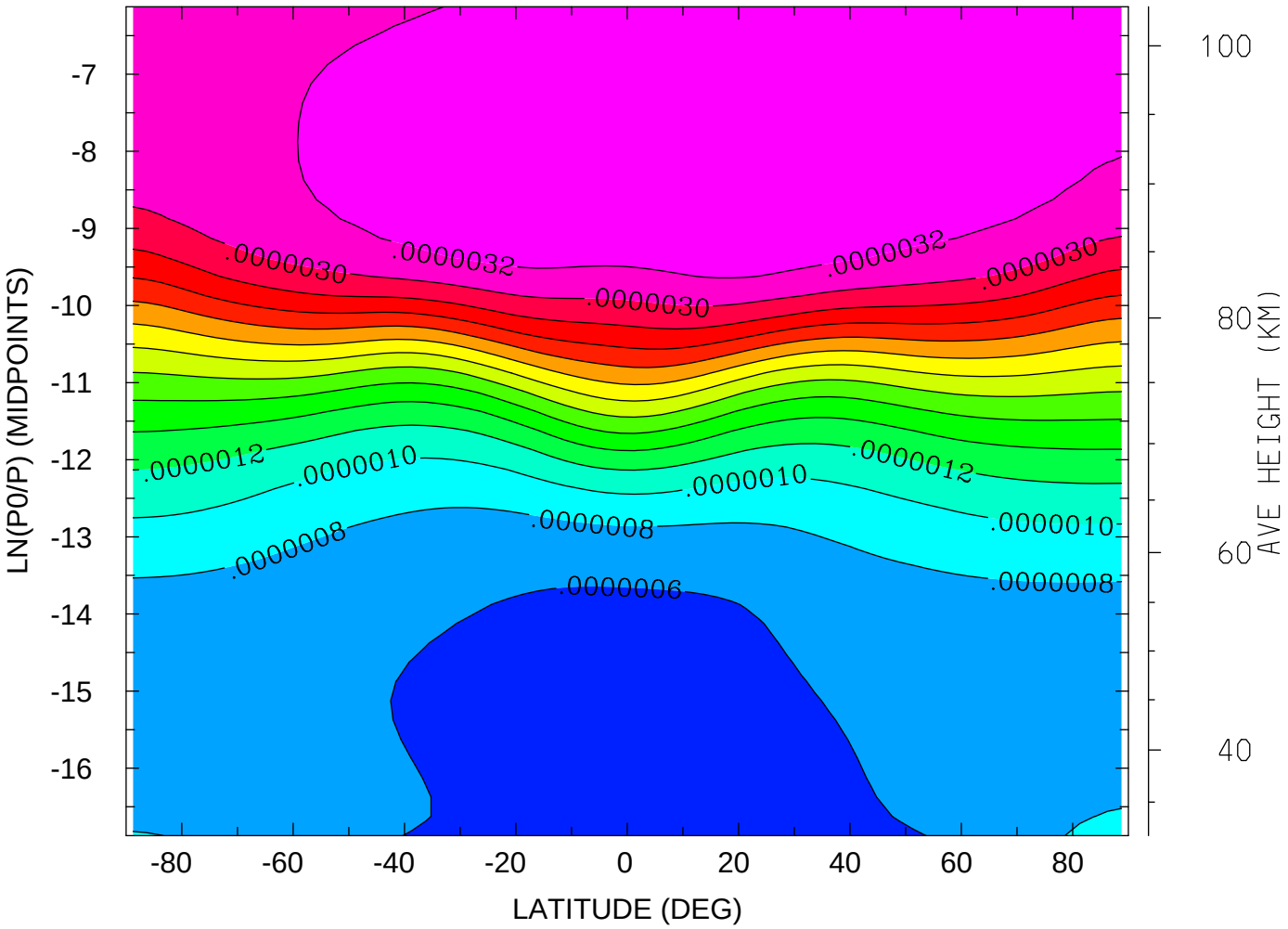
NITROGEN DIOXIDE (NO2) (CM3-MR)
YEAR 2002 UT= 0.00 ZONAL MEANS



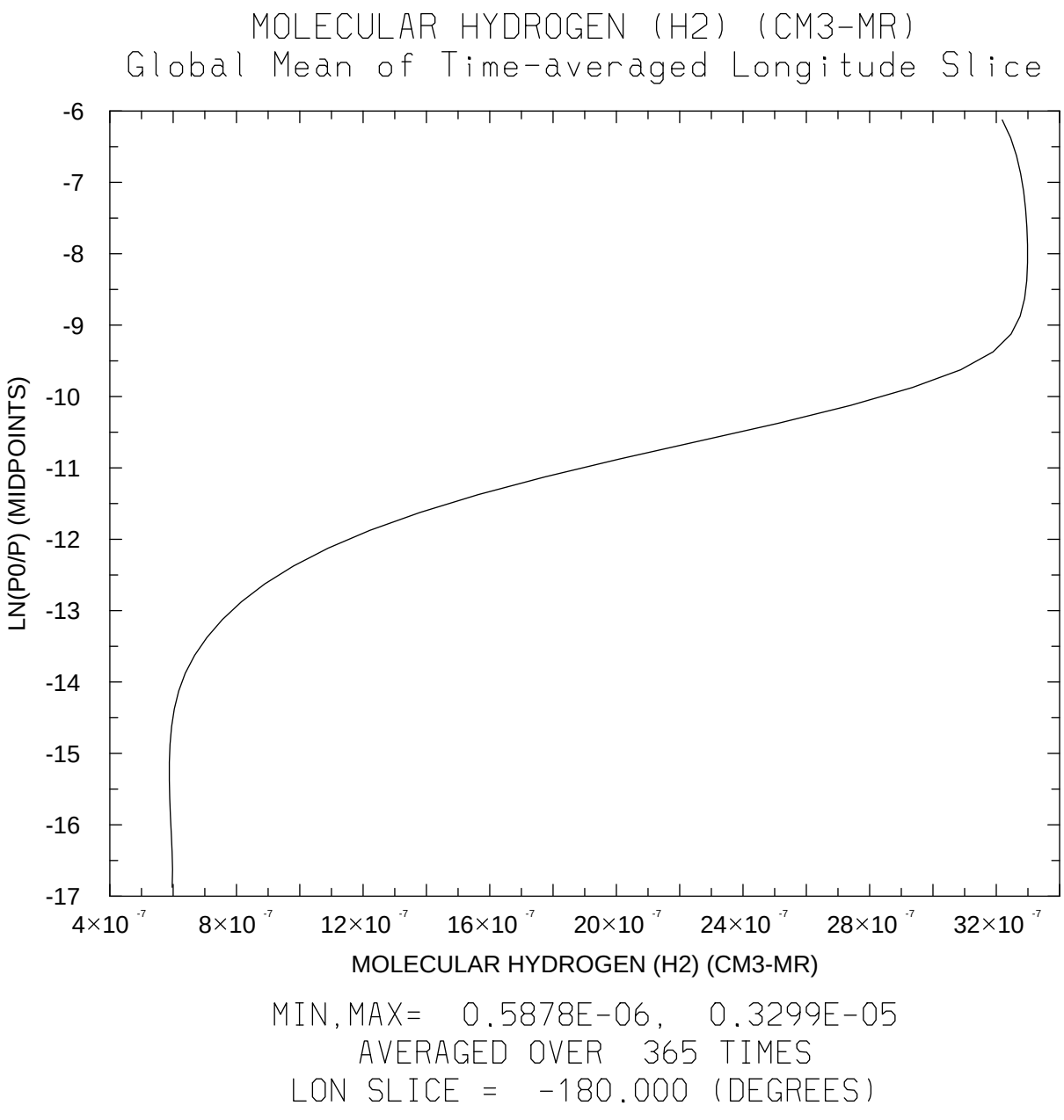
MIN,MAX= 2.7667E-13 2.2794E-08 INTERVAL= 1.0000E-09
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc


NITROGEN DIOXIDE (NO2) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
110
100
90
80
70
60
50
40
30
HEIGHT (KM)
0
5×10 -10
15×10 -10
25×10 -10
35×10 -10
45×10 -10
55×10 -10
NITROGEN DIOXIDE (NO2) (CM3-MR)
MIN,MAX= 0.8825E-12, 0.5402E-08
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

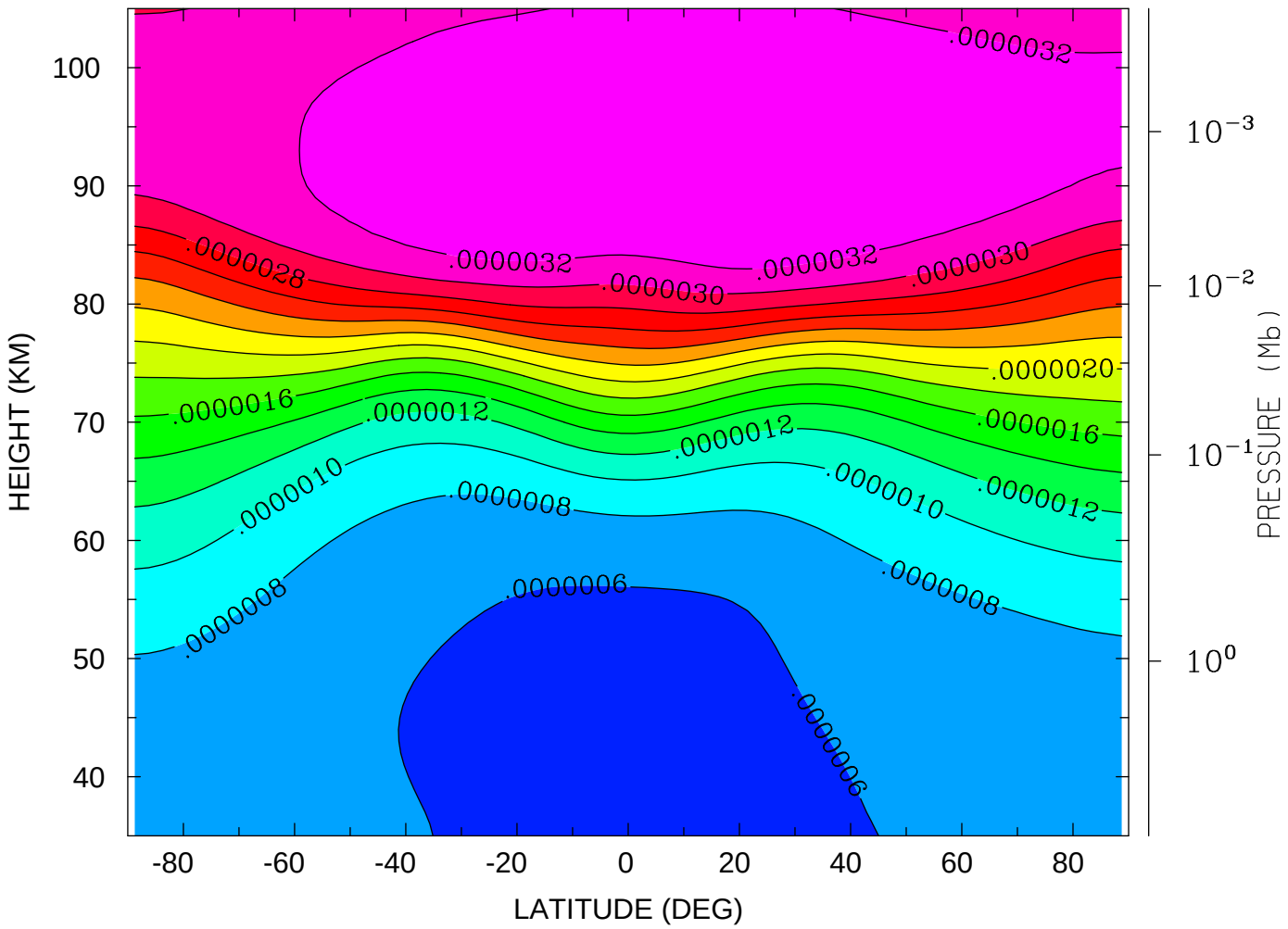
MOLECULAR HYDROGEN (H2) (CM3-MR)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= 5.3579E-07 3.3550E-06 INTERVAL= 2.0000E-07
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

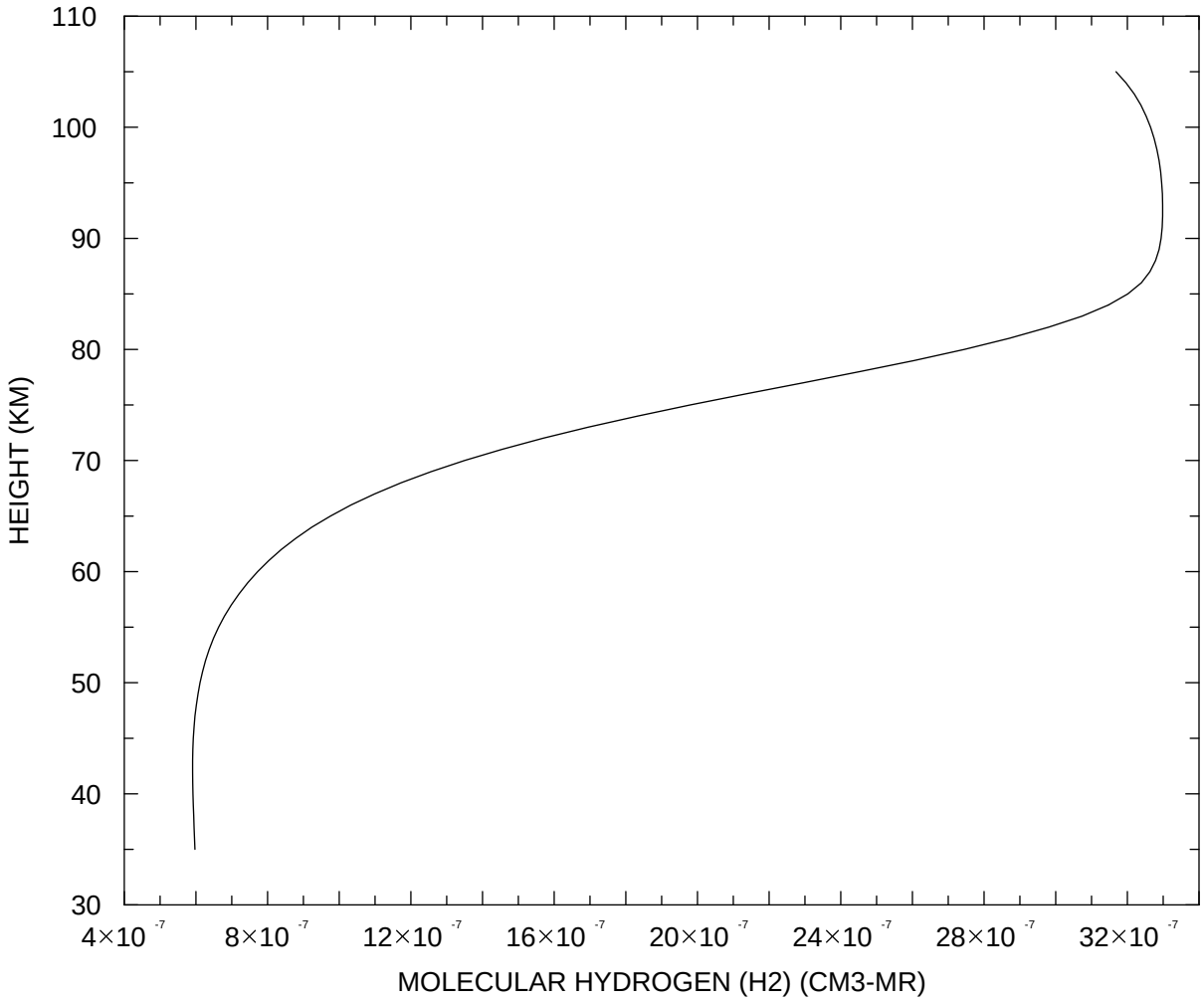

MOLECULAR HYDROGEN (H2) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
LN(P0/P) (MIDPOINTS)
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
4×10 -7
8×10 -7
12×10 -7
16×10 -7
20×10 -7
24×10 -7
28×10 -7
32×10 -7
MOLECULAR HYDROGEN (H2) (CM3-MR)
MIN,MAX= 0.5878E-06, 0.3299E-05
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

MOLECULAR HYDROGEN (H2) (CM3-MR)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



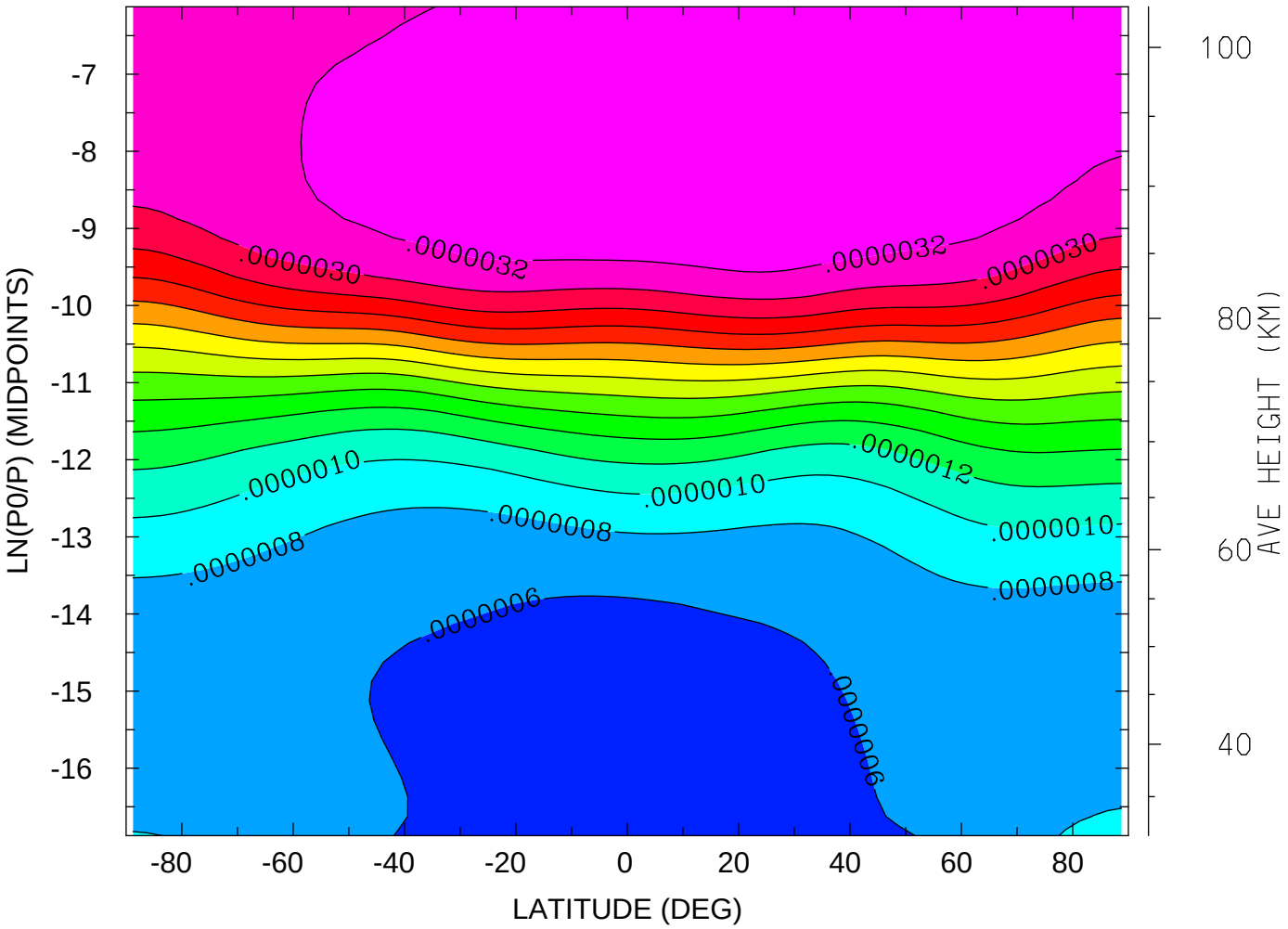
MIN,MAX= 5.3572E-07 3.3527E-06 INTERVAL= 2.0000E-07
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

MOLECULAR HYDROGEN (H2) (CM3-MR)
Global Mean of Time-averaged Longitude Slice

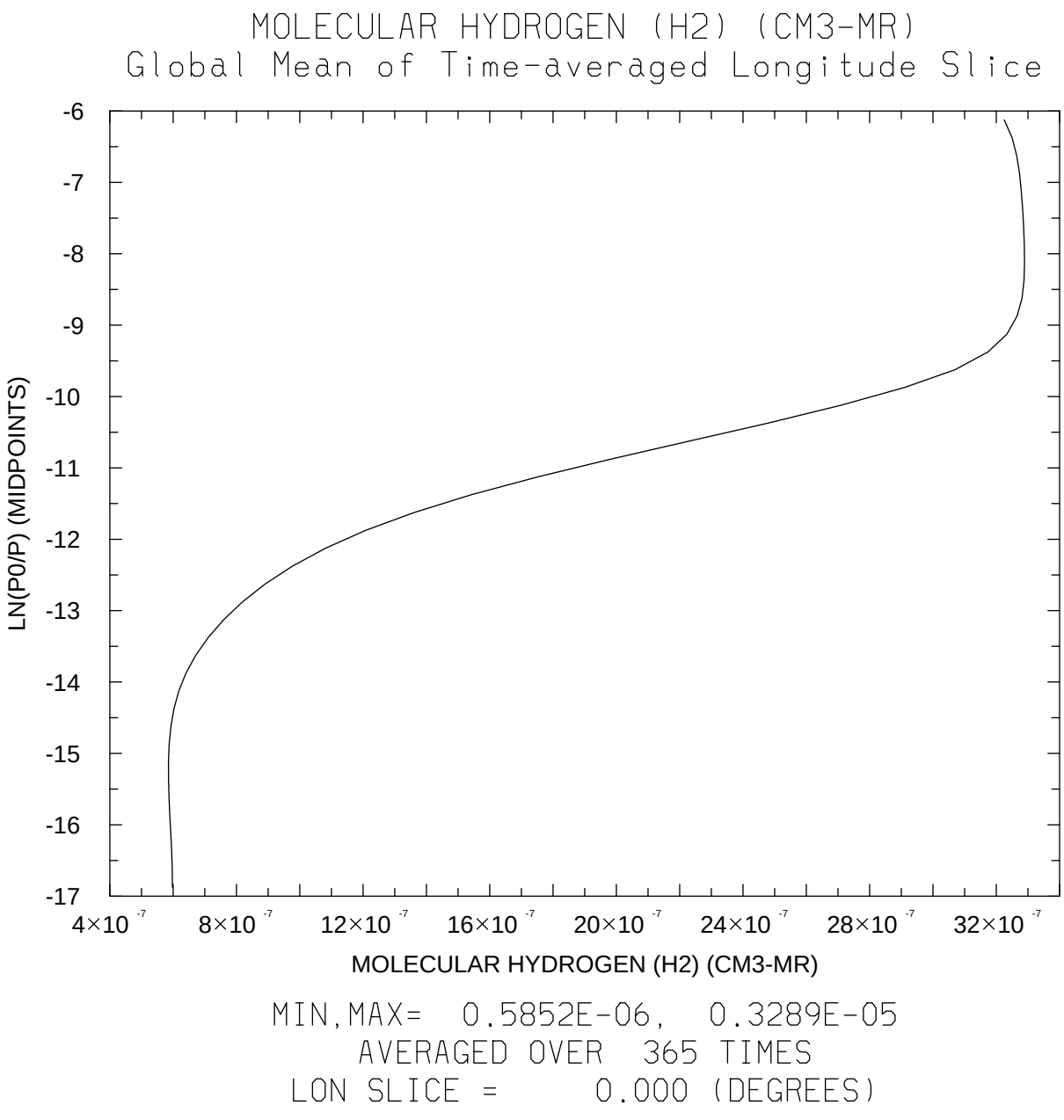


MIN,MAX= 0.5906E-06, 0.3299E-05
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

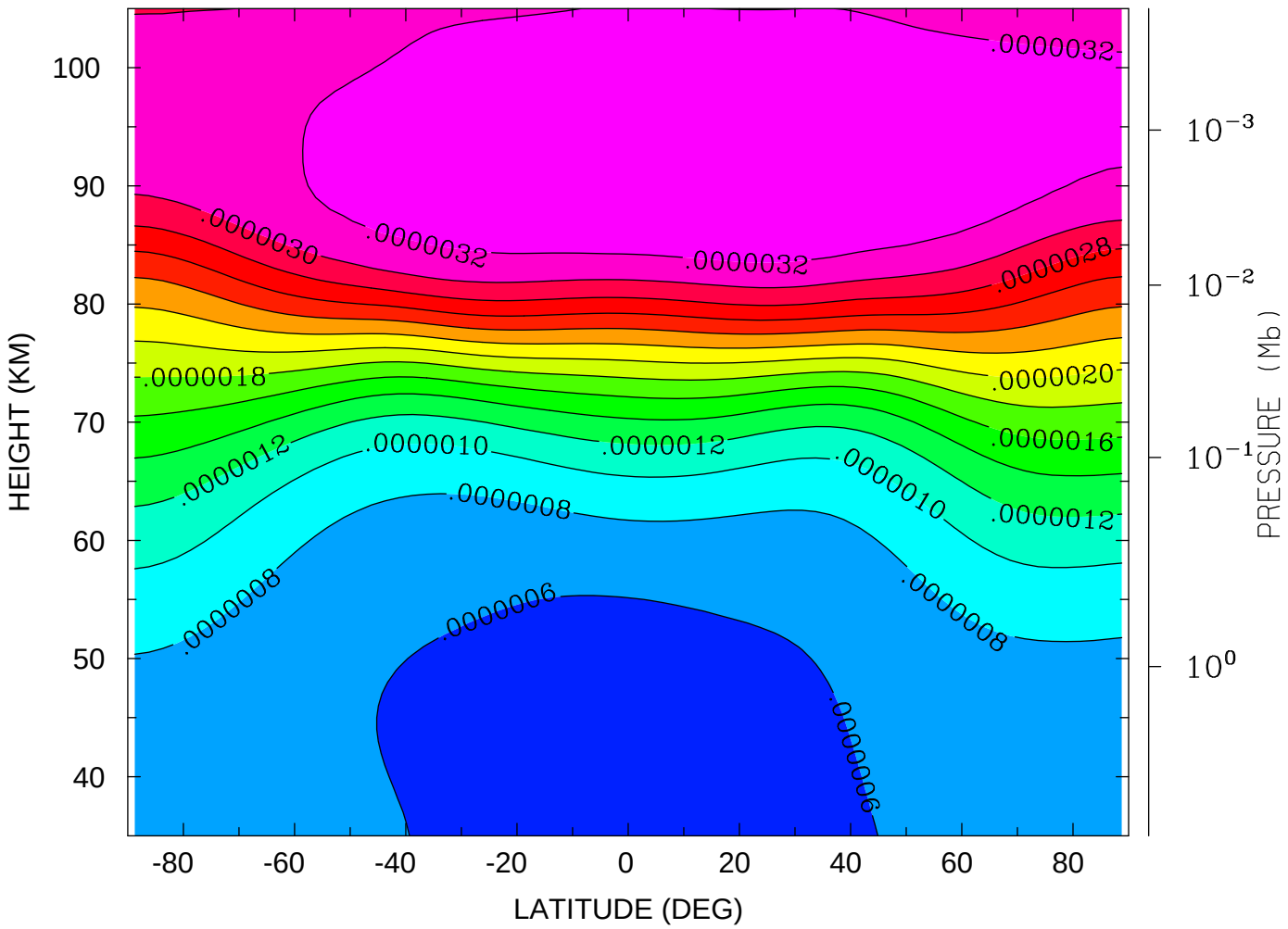
MOLECULAR HYDROGEN (H2) (CM3-MR)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



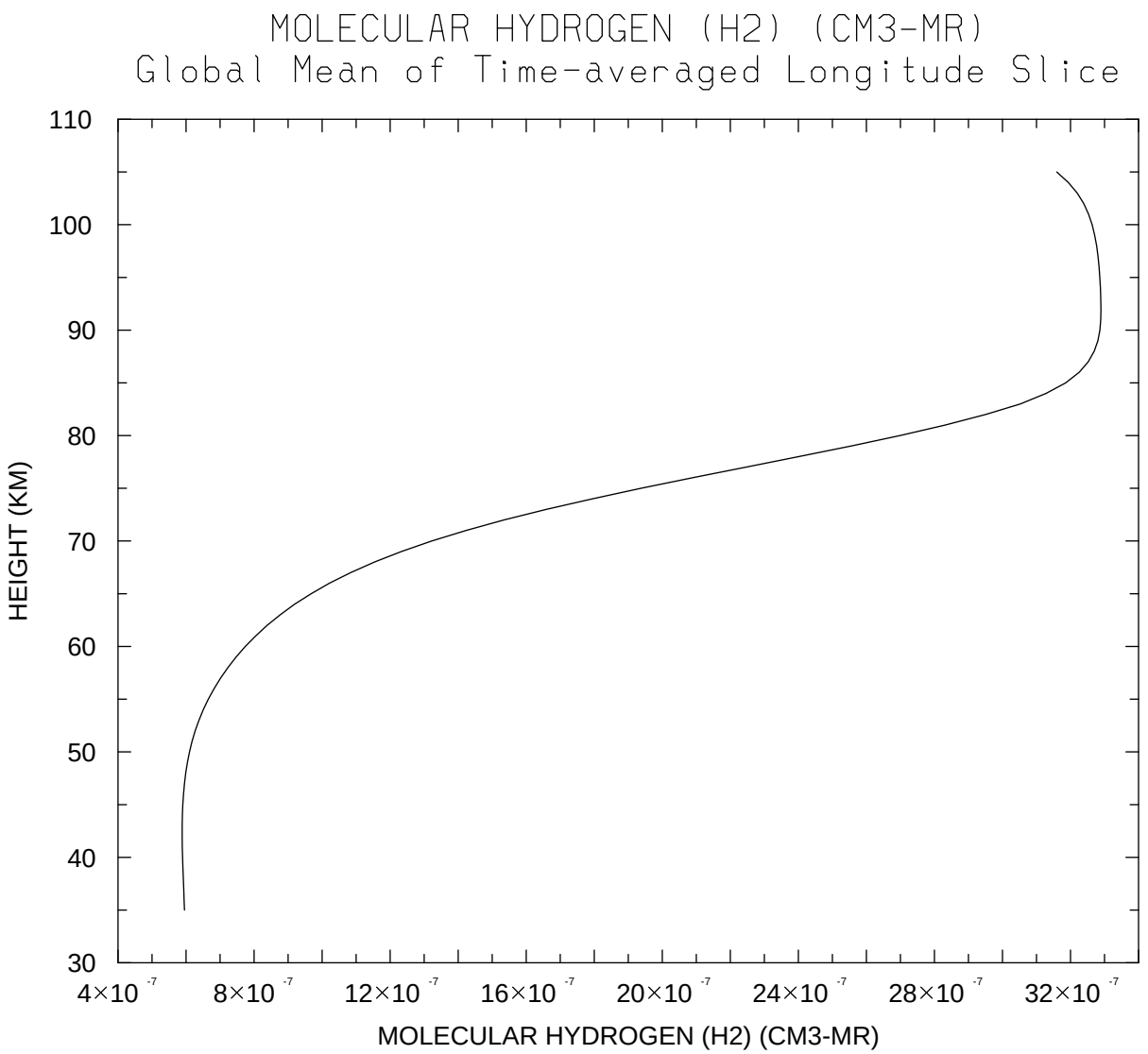
MIN,MAX= 5.3662E-07 3.3475E-06 INTERVAL= 2.0000E-07
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc


MOLECULAR HYDROGEN (H2) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
LN(P0/P) (MIDPOINTS)
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
4×10 -7
8×10 -7
12×10 -7
16×10 -7
20×10 -7
24×10 -7
28×10 -7
32×10 -7
MOLECULAR HYDROGEN (H2) (CM3-MR)
MIN,MAX= 0.5852E-06, 0.3289E-05
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

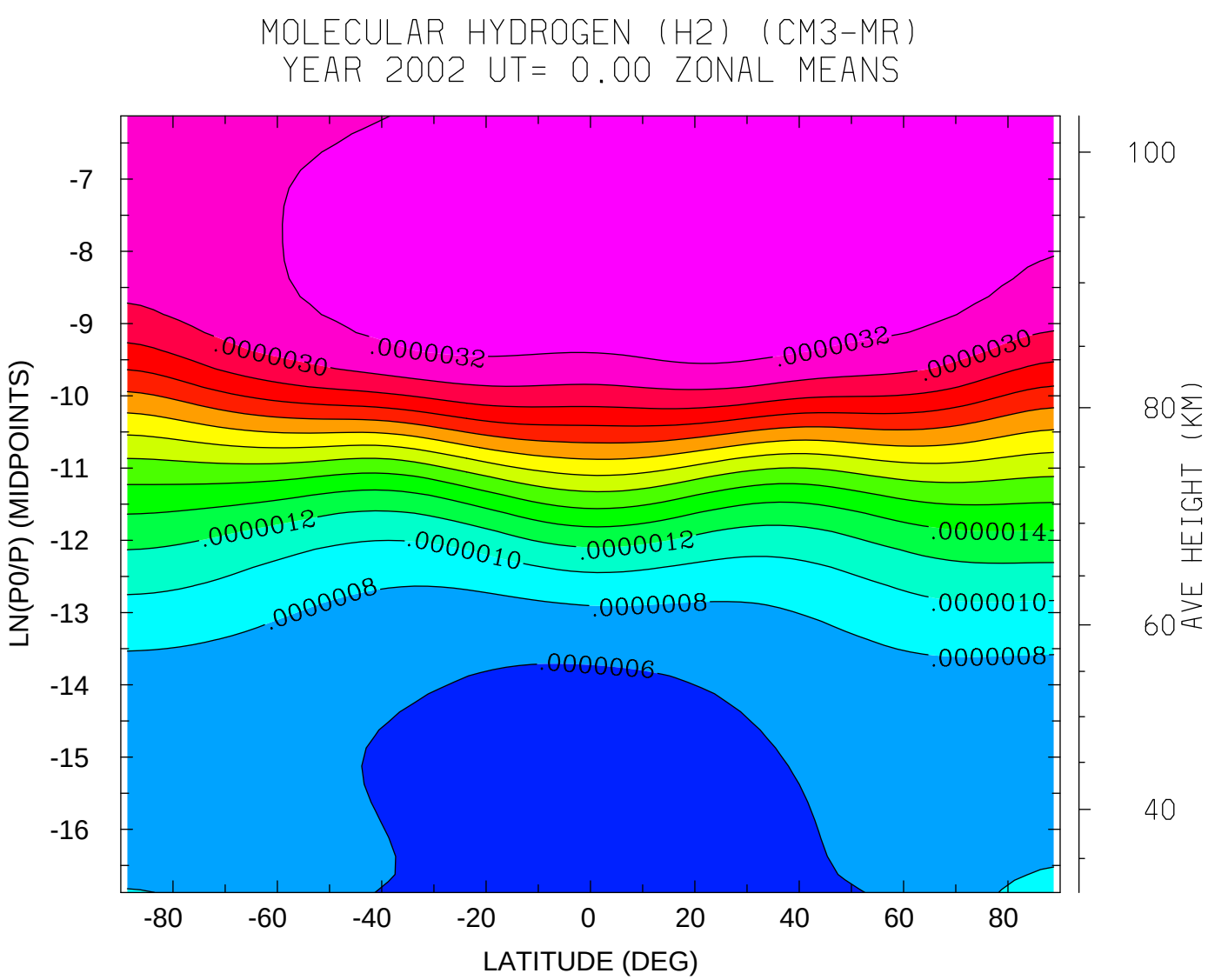
MOLECULAR HYDROGEN (H2) (CM3-MR)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)

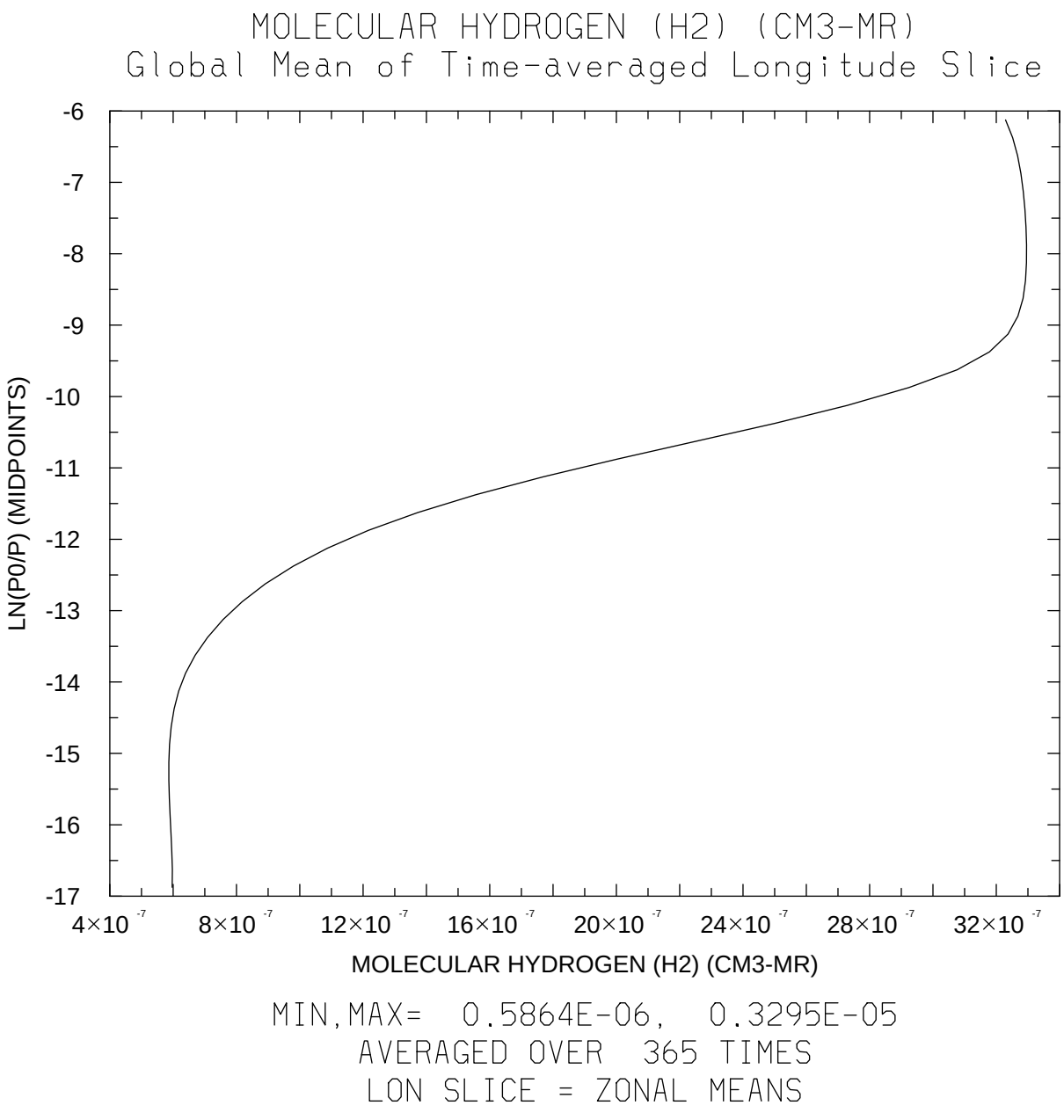


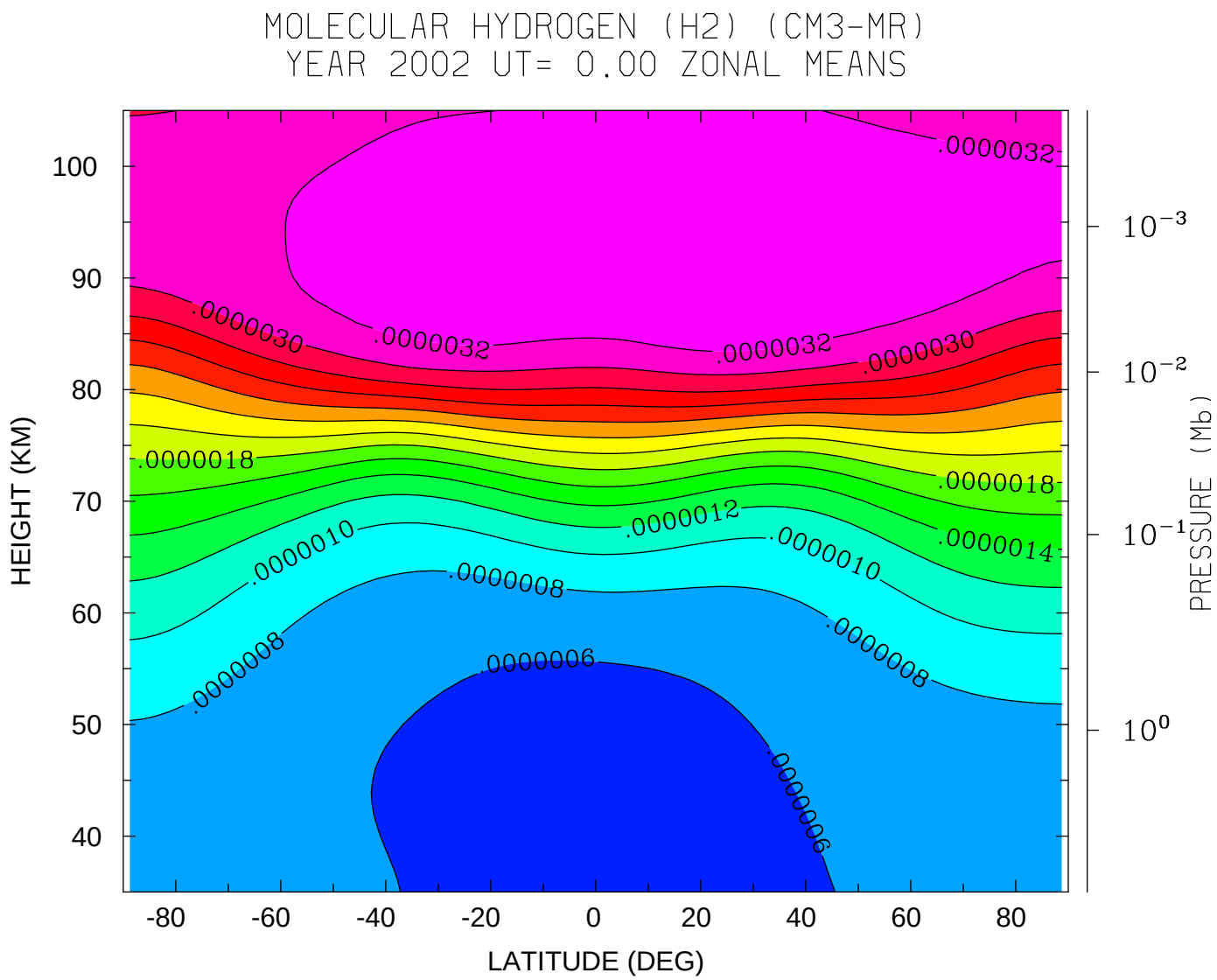
MIN,MAX= 5.3662E-07 3.3468E-06 INTERVAL= 2.0000E-07
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



MIN,MAX= 0.5886E-06, 0.3289E-05
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)


MOLECULAR HYDROGEN (H2) (CM3-MR)
YEAR 2002 UT= 0.00 ZONAL MEANS
LN(P0/P) (MIDPOINTS)
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
100
80
60
40
AVE HEIGHT (KM)
.0000030
.0000032
.0000032
.0000030
.0000012
.0000010
.0000012
.0000014
.0000008
.0000008
.0000010
.0000008
.0000006
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
MIN,MAX= 5.3628E-07 3.3491E-06 INTERVAL= 2.0000E-07
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc


MOLECULAR HYDROGEN (H2) (CM3-MR)
Global Mean of Time-averaged Longitude Slice
LN(P0/P) (MIDPOINTS)
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
4×10 -7
8×10 -7
12×10 -7
16×10 -7
20×10 -7
24×10 -7
28×10 -7
32×10 -7
MOLECULAR HYDROGEN (H2) (CM3-MR)
MIN,MAX= 0.5864E-06, 0.3295E-05
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

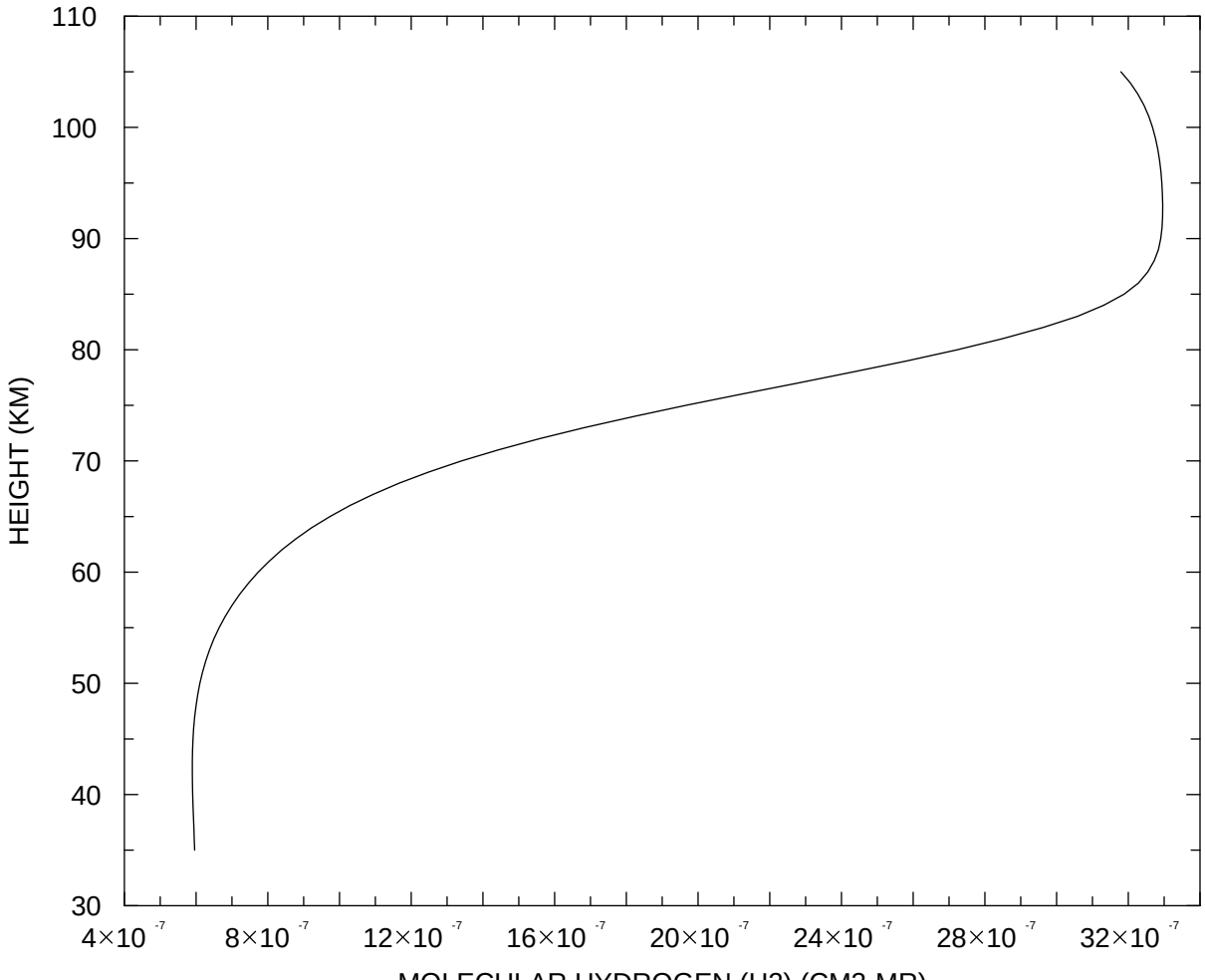


MIN,MAX= 5.3623E-07 3.3478E-06 INTERVAL= 2.0000E-07

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

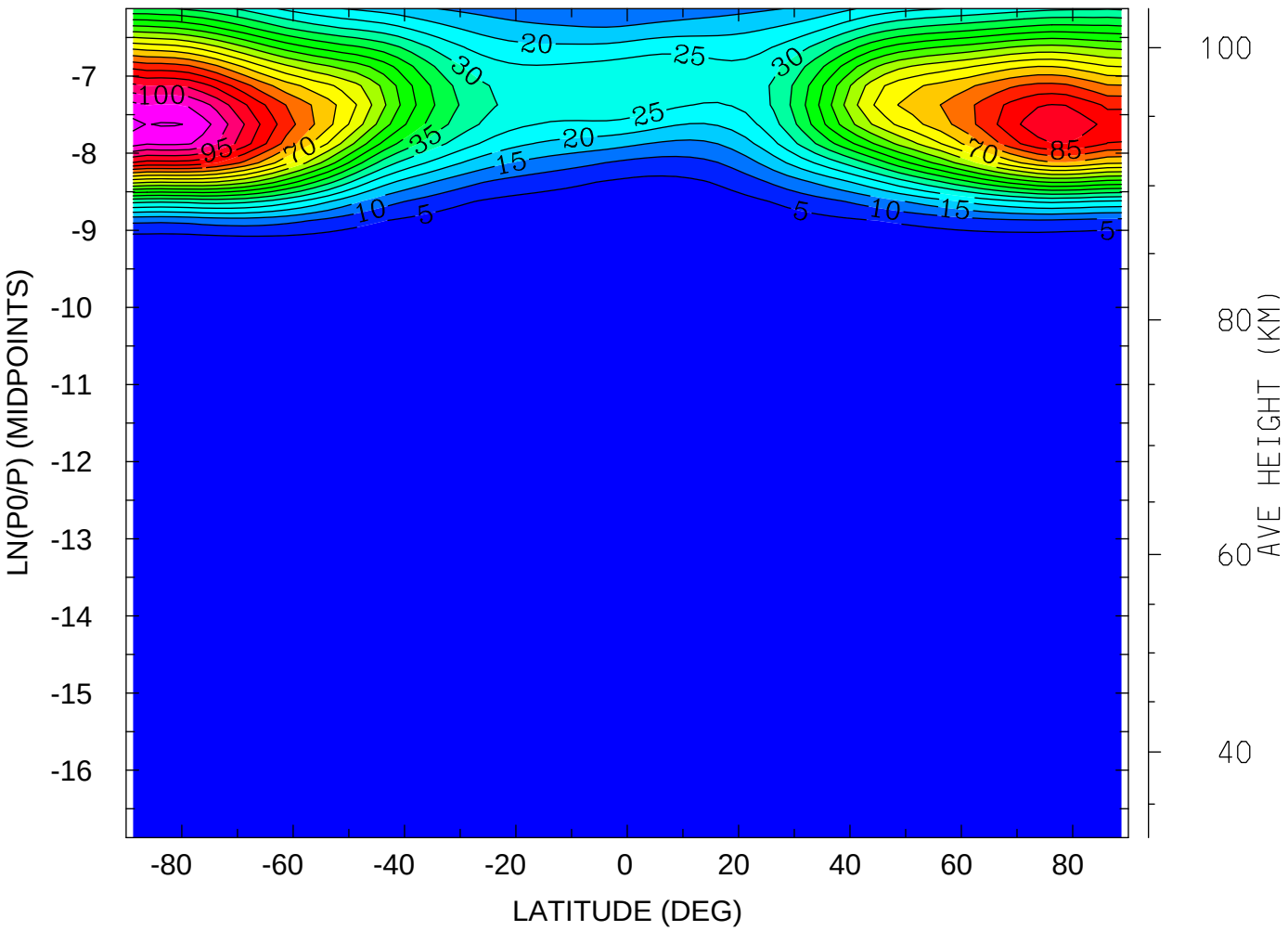
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

MOLECULAR HYDROGEN (H2) (CM3-MR)
Global Mean of Time-averaged Longitude Slice

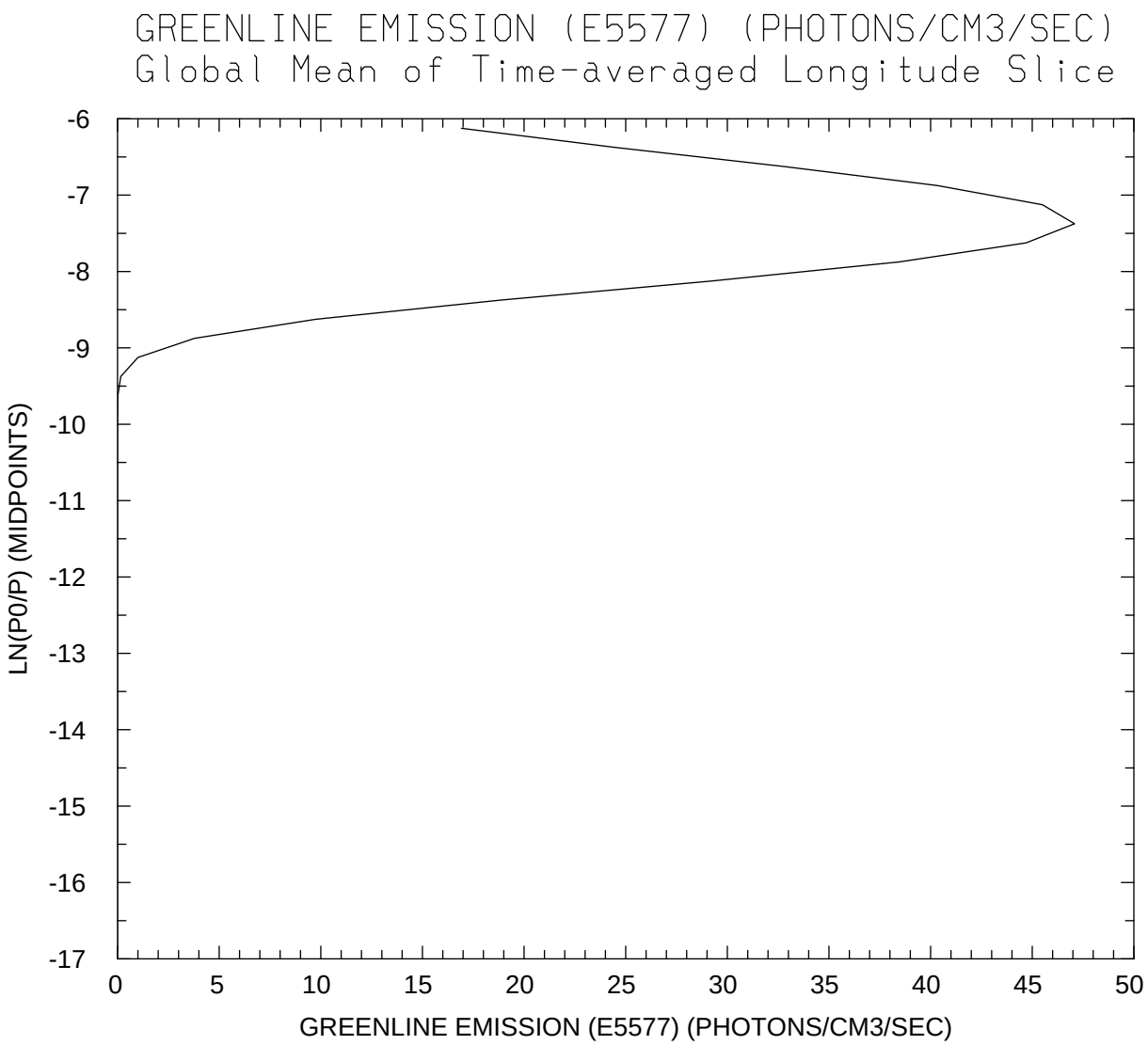


MIN,MAX= 0.5893E-06, 0.3296E-05
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

GREENLINE EMISSION (E5577) (PHOTONS/CM3/SEC)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)

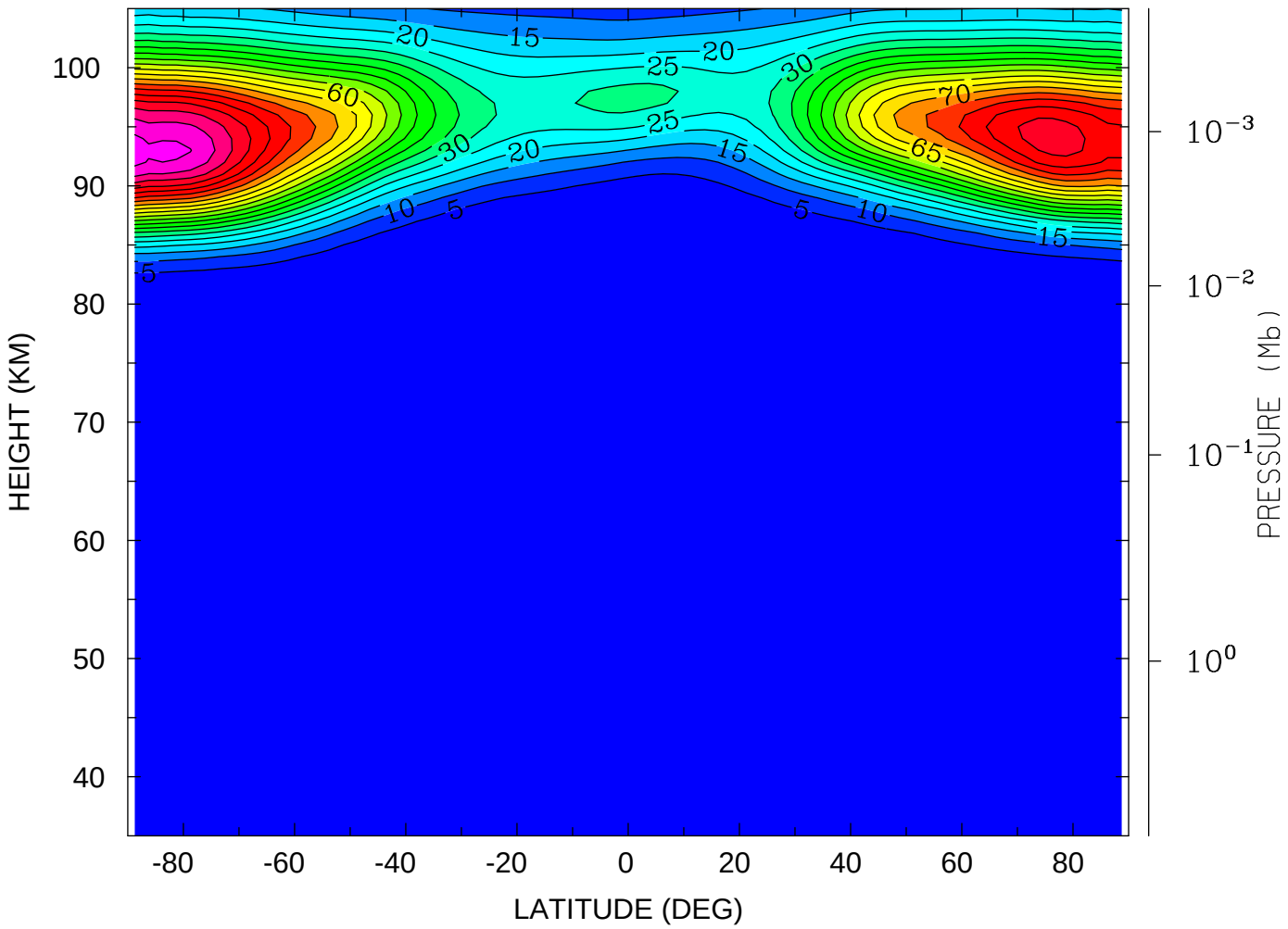


MIN,MAX= 7.6799E-14 1.1150E+02 INTERVAL= 5.0000E+00
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

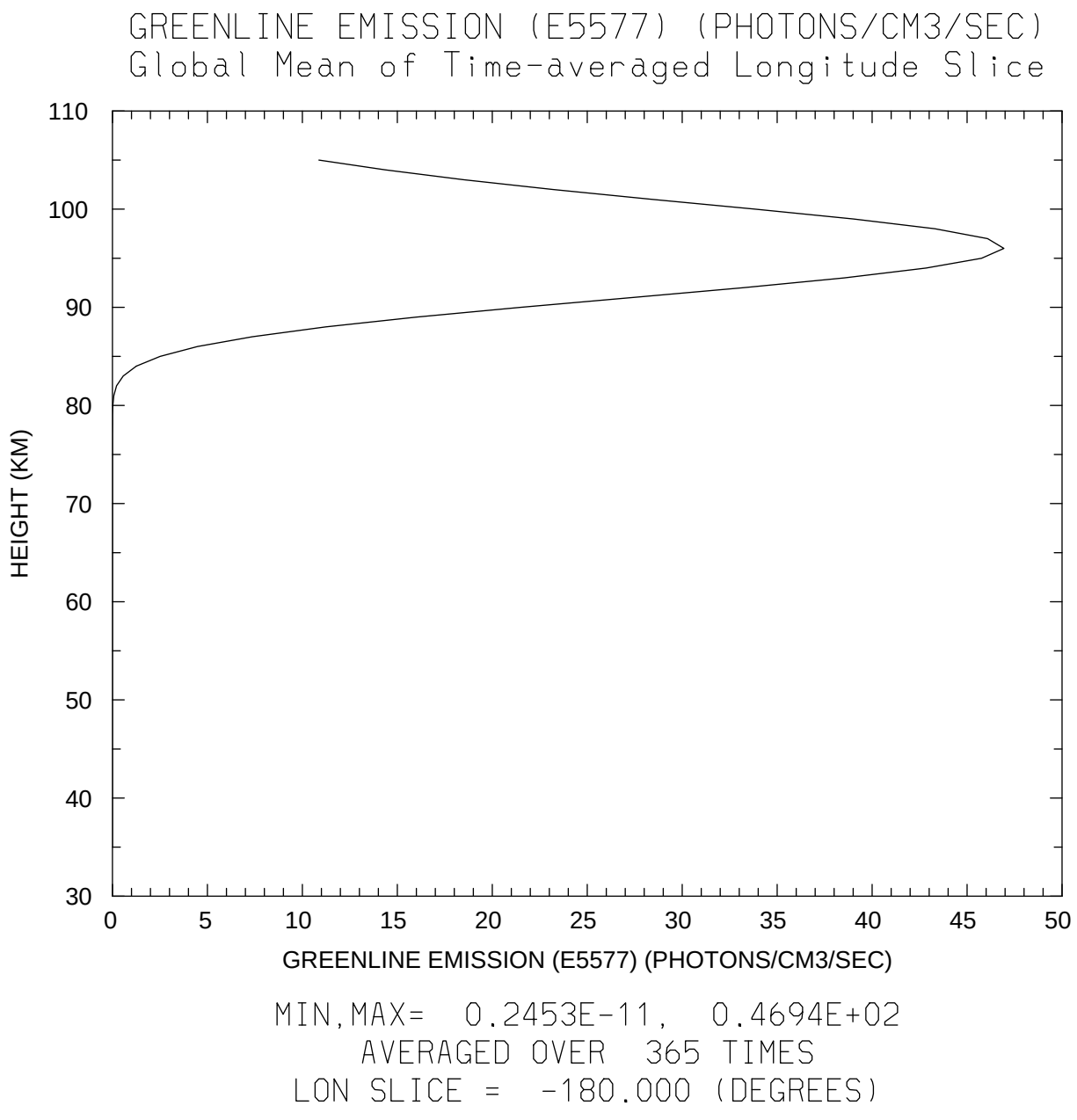


MIN,MAX= 0.2012E-12, 0.4708E+02
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

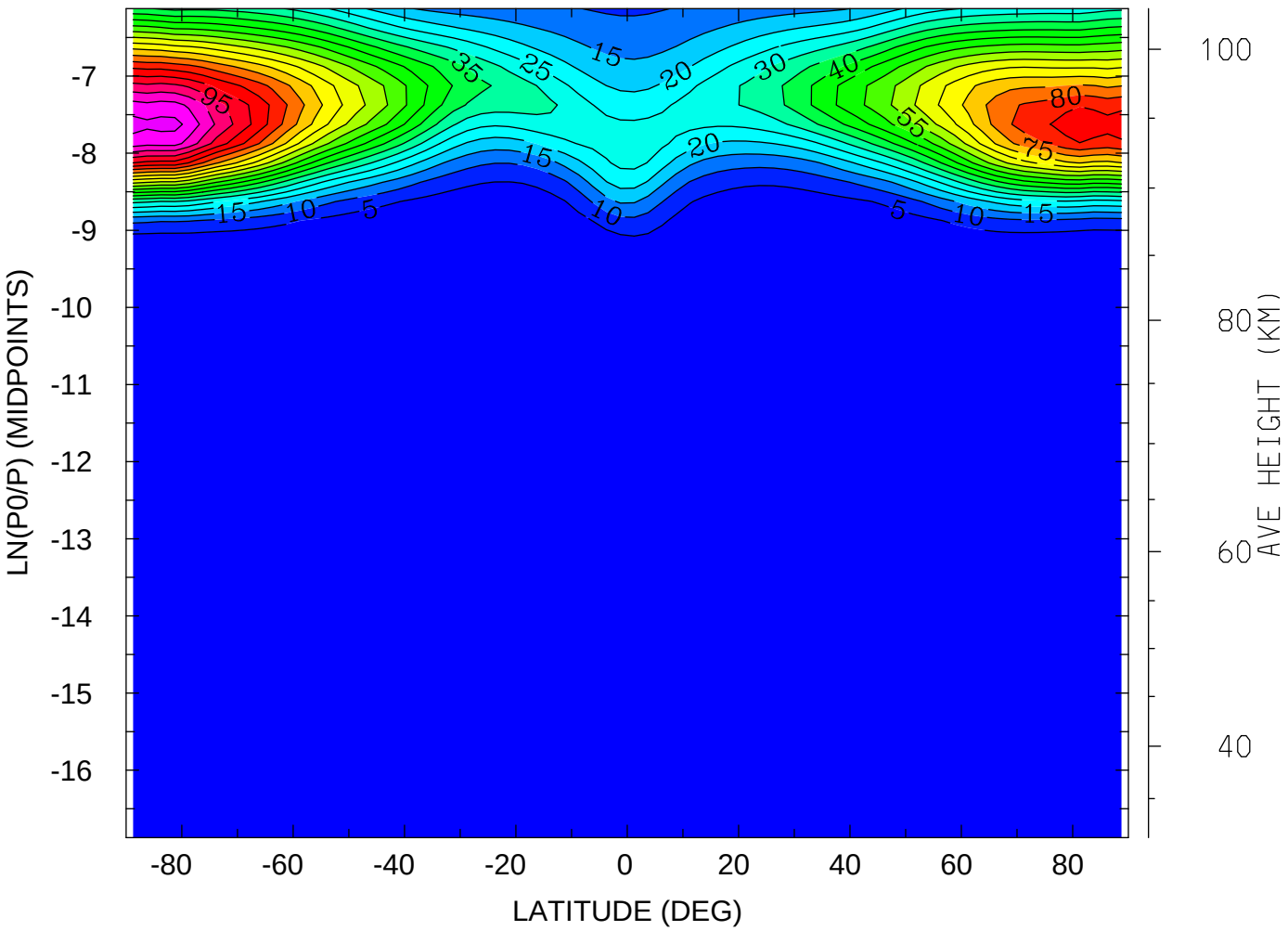
GREENLINE EMISSION (E5577) (PHOTONS/CM3/SEC)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



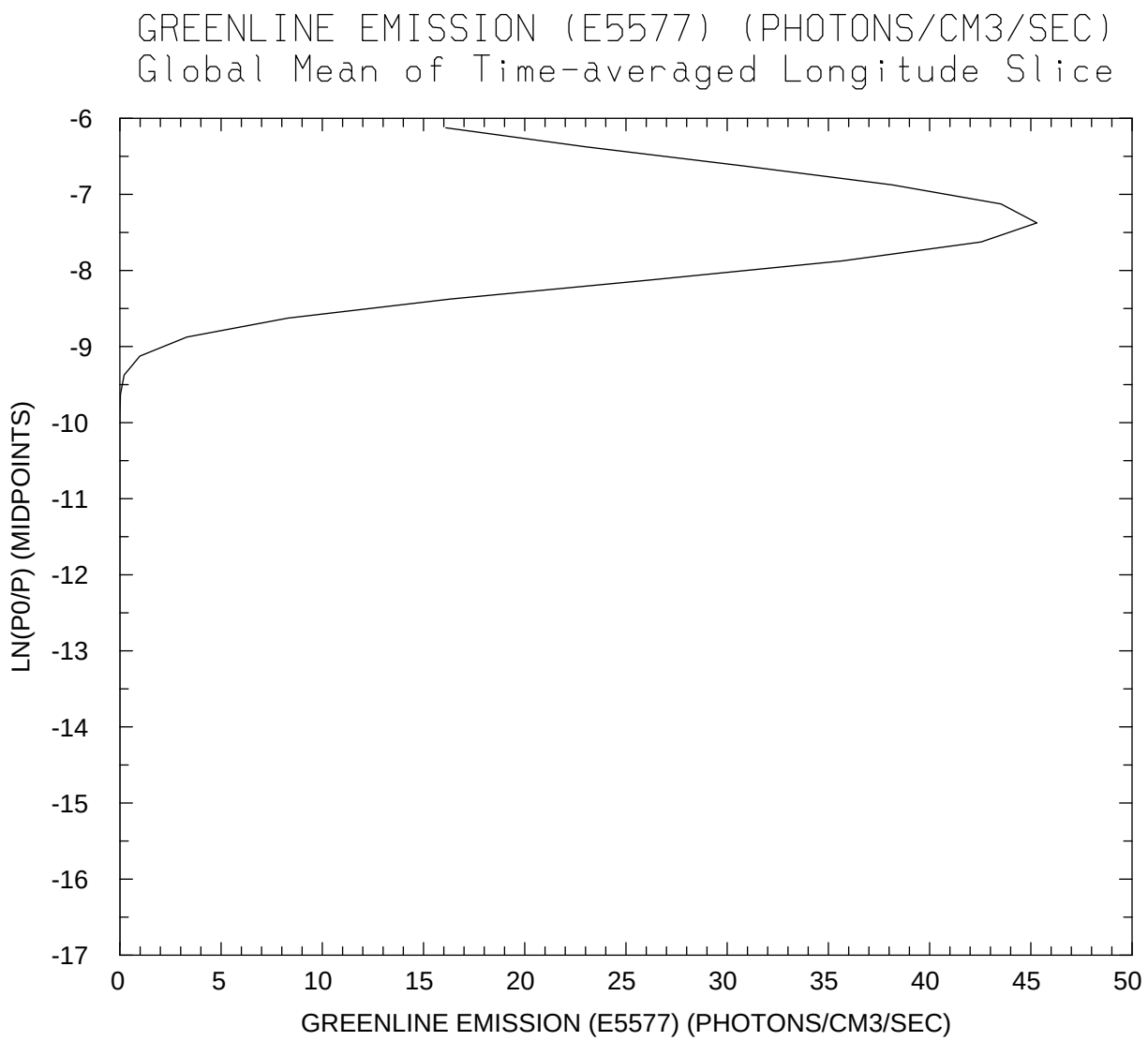
MIN,MAX= 5.3297E-14 1.0773E+02 INTERVAL= 5.0000E+00
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc


GREENLINE EMISSION (E5577) (PHOTONS/CM3/SEC)
Global Mean of Time-averaged Longitude Slice
HEIGHT (KM)
110
100
90
80
70
60
50
40
30
0
5
10
15
20
25
30
35
40
45
50
GREENLINE EMISSION (E5577) (PHOTONS/CM3/SEC)
MIN,MAX= 0.2453E-11, 0.4694E+02
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

GREENLINE EMISSION (E5577) (PHOTONS/CM3/SEC)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)

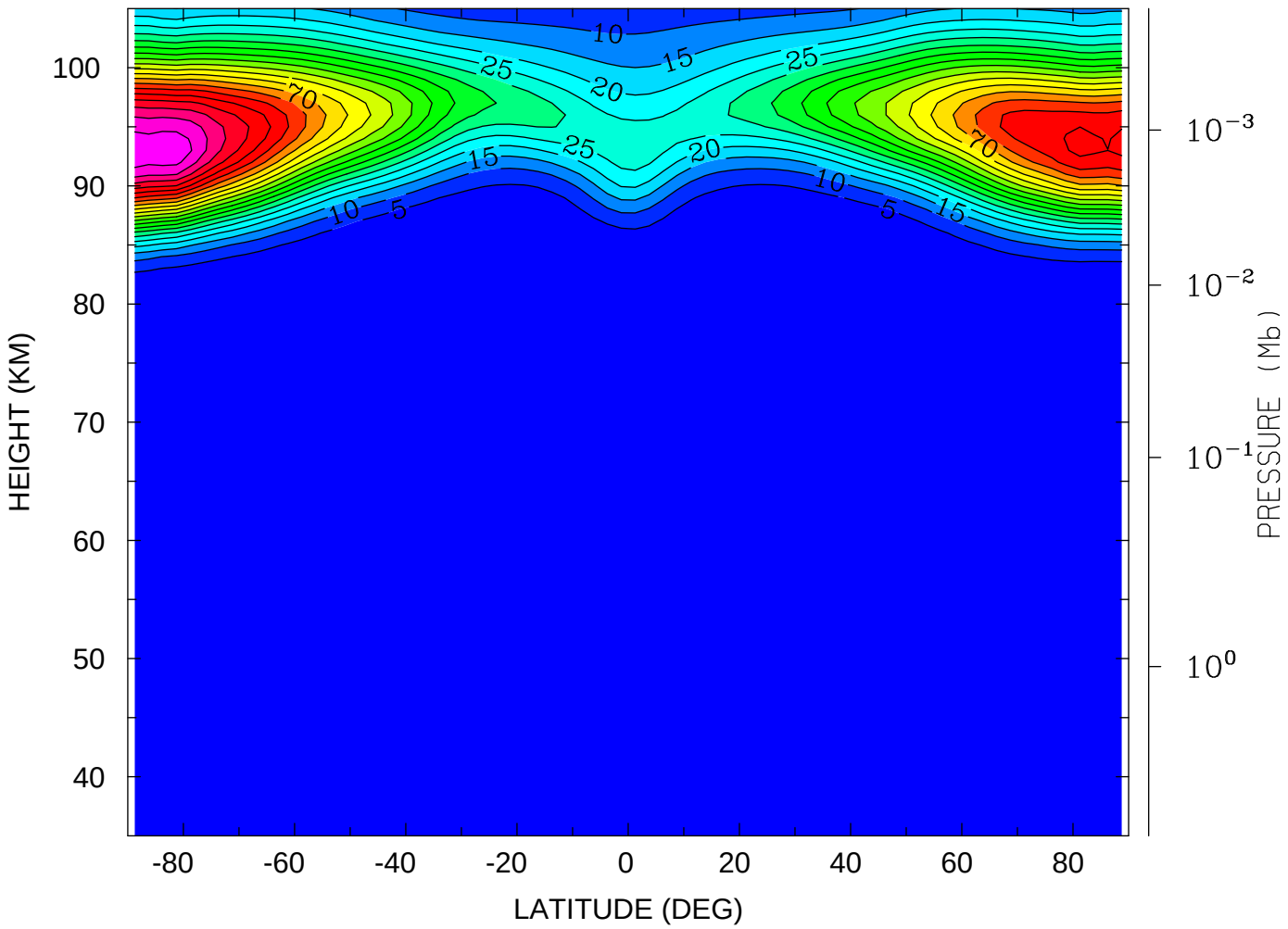


MIN,MAX= 4.4247E-16 1.1212E+02 INTERVAL= 5.0000E+00
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc



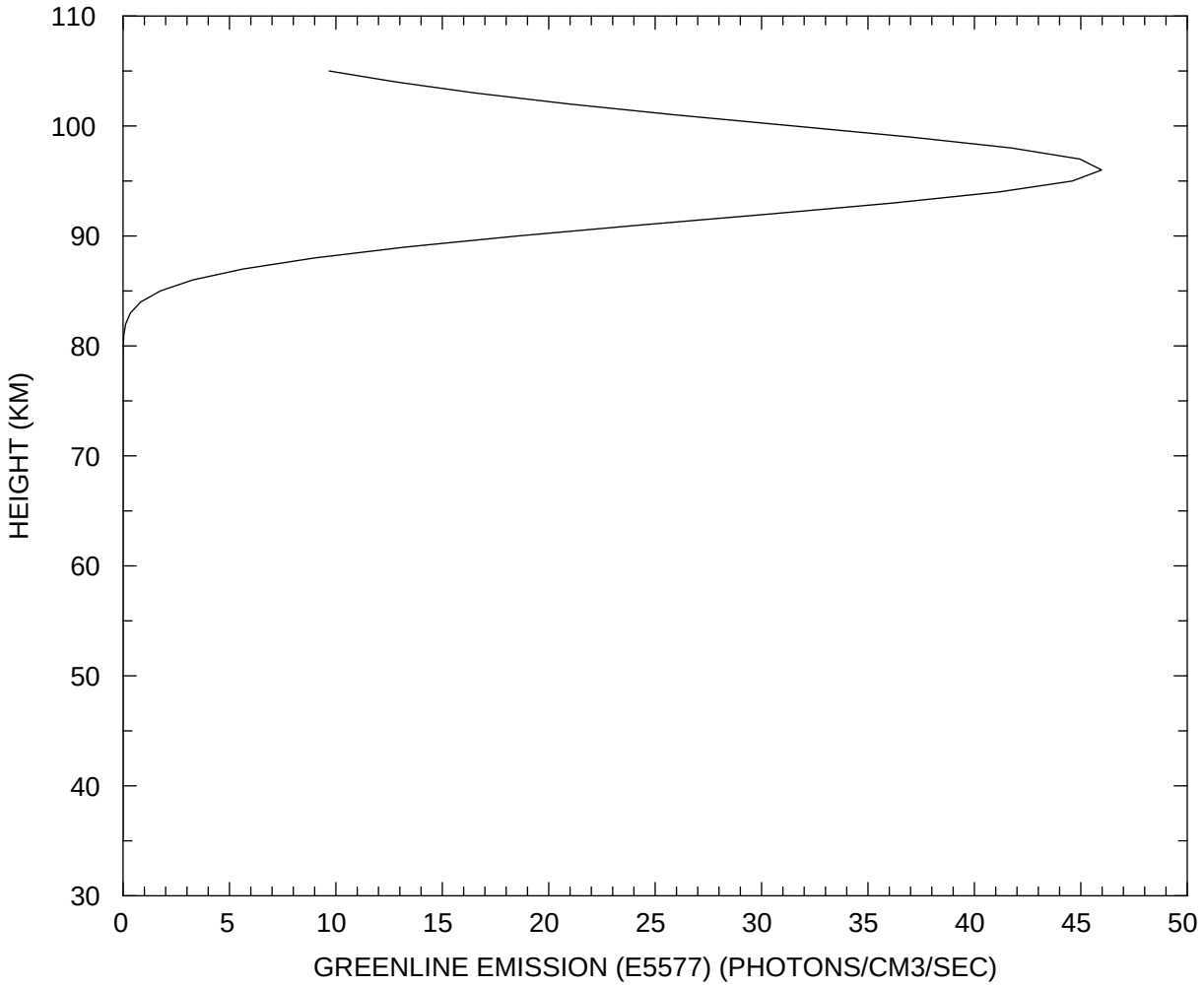
MIN,MAX= 0.3193E-13, 0.4530E+02
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

GREENLINE EMISSION (E5577) (PHOTONS/CM3/SEC)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



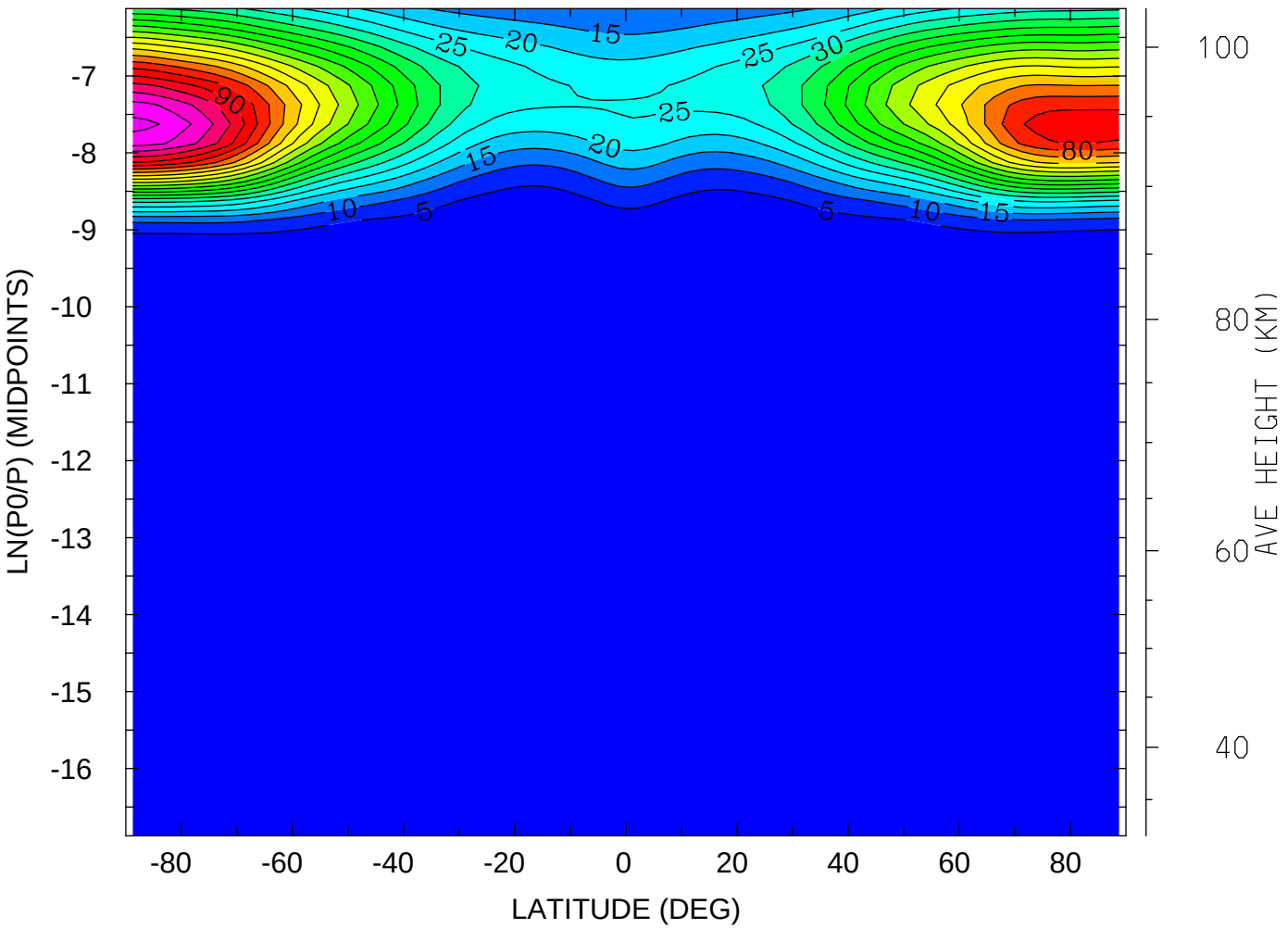
MIN,MAX= 4.9489E-16 1.0864E+02 INTERVAL= 5.0000E+00
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

GREENLINE EMISSION (E5577) (PHOTONS/CM3/SEC)
Global Mean of Time-averaged Longitude Slice

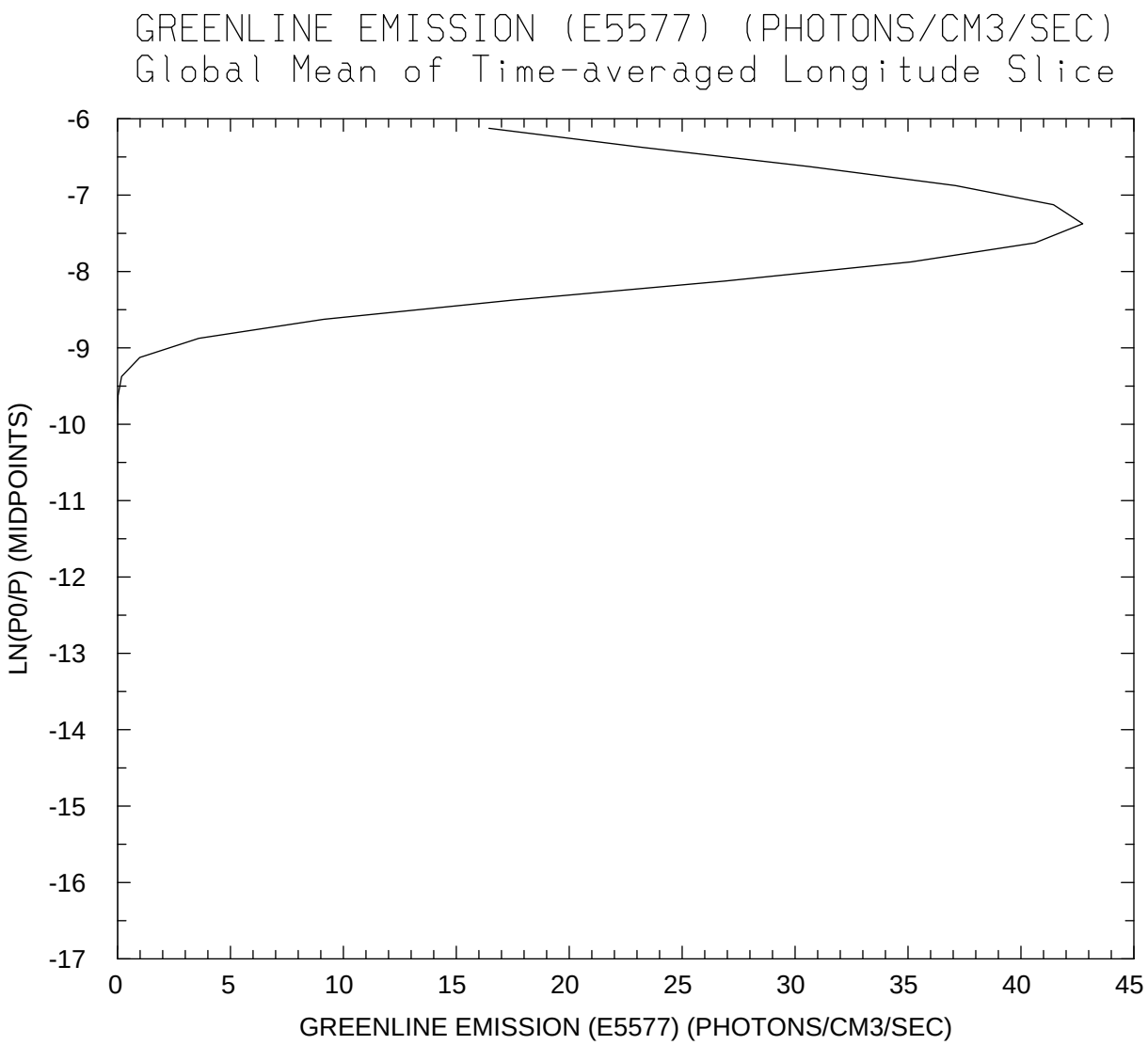


MIN,MAX= 0.2485E-13, 0.4597E+02
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

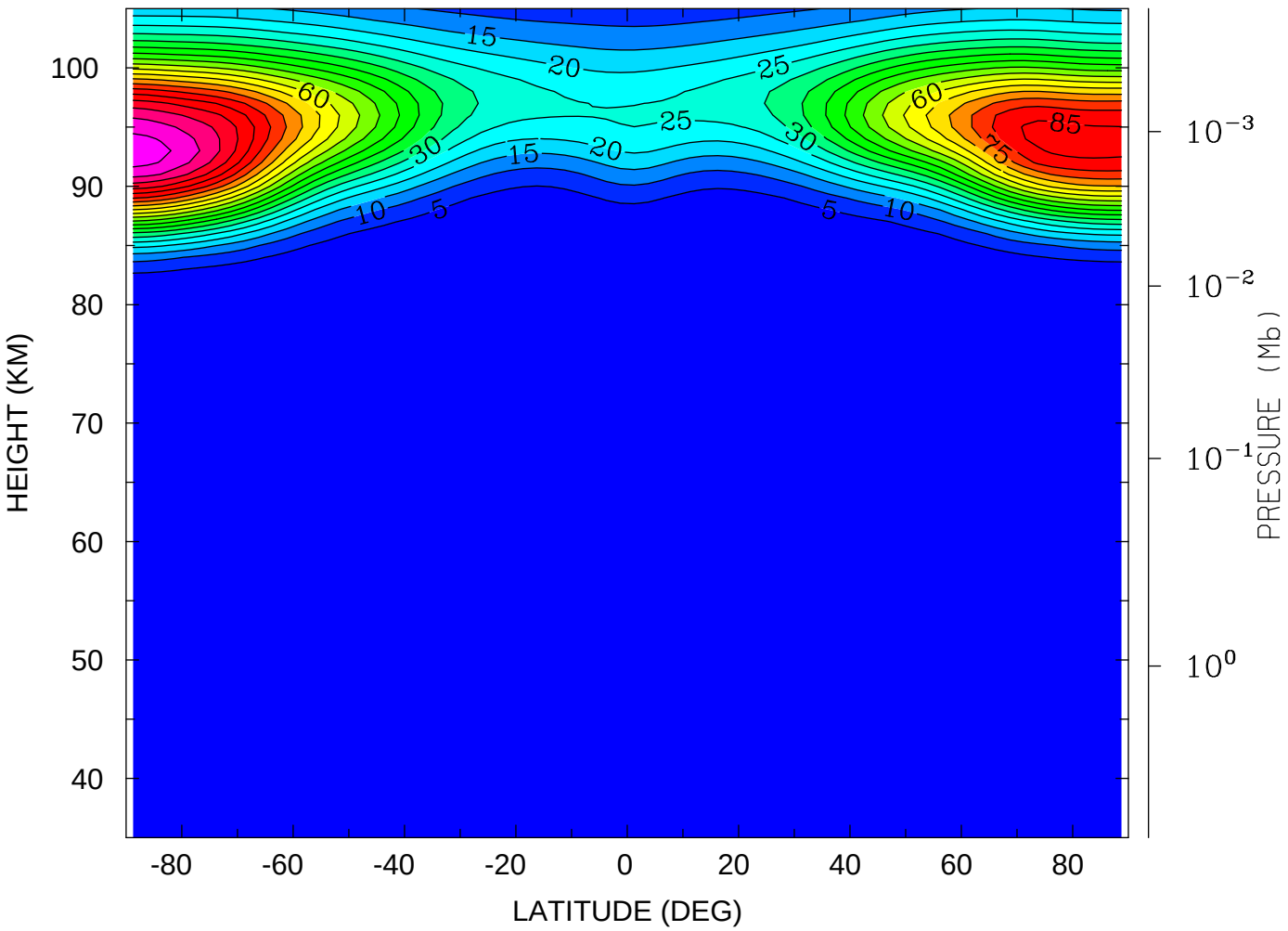
GREENLINE EMISSION (E5577) (PHOTONS/CM3/SEC)
YEAR 2002 UT= 0.00 ZONAL MEANS



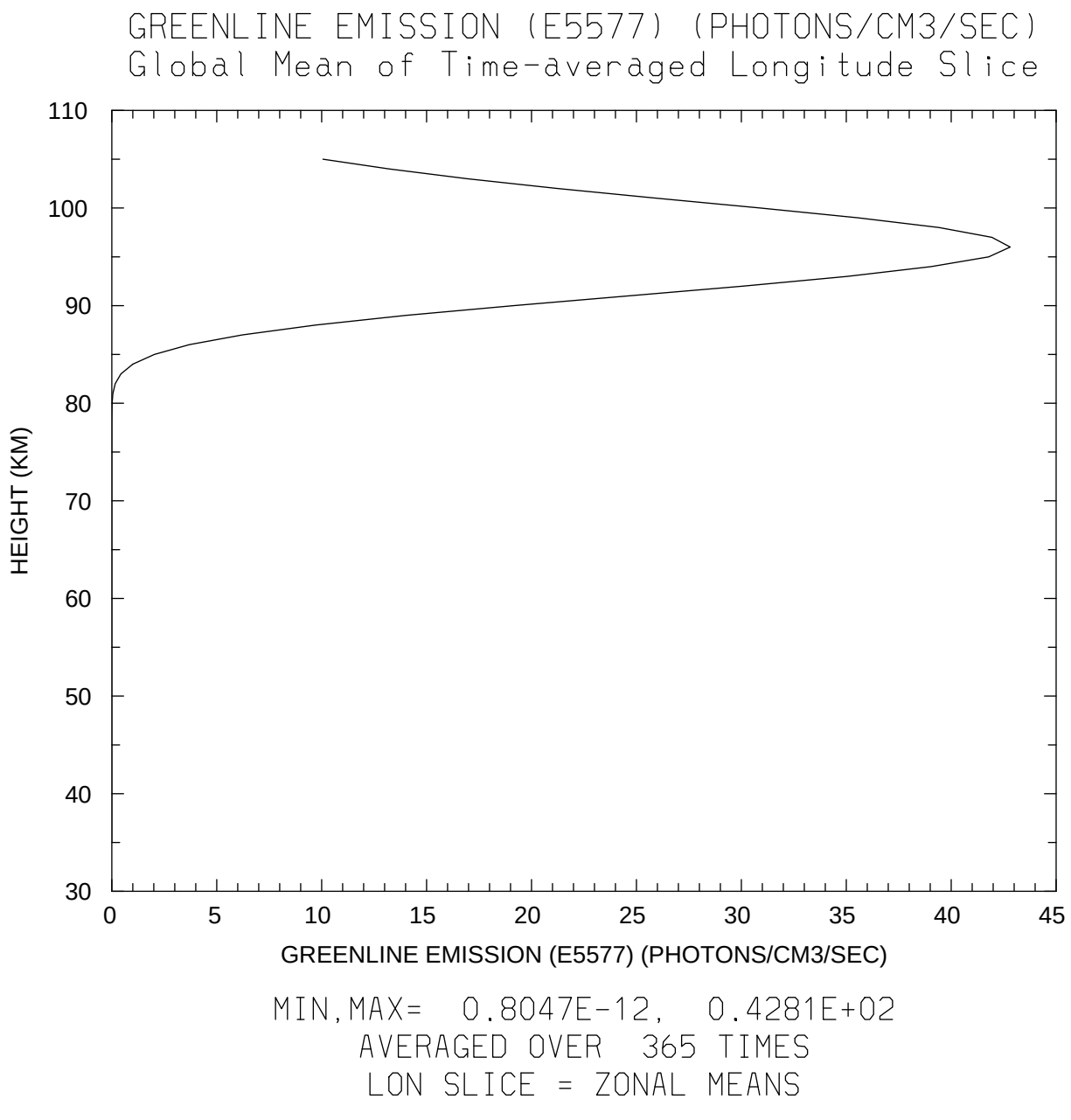
MIN,MAX= 8.0580E-14 1.1178E+02 INTERVAL= 5.0000E+00
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

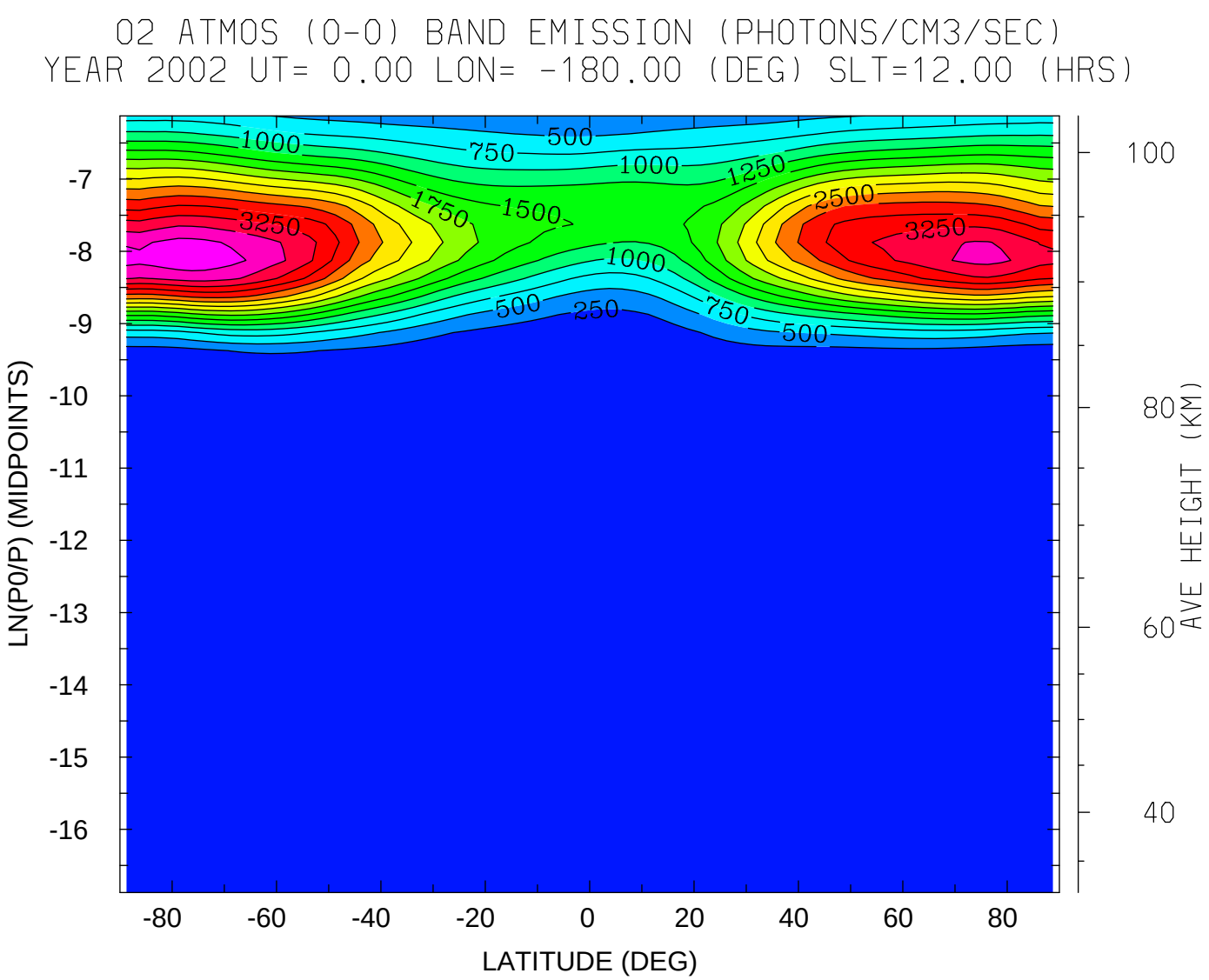

GREENLINE EMISSION (E5577) (PHOTONS/CM3/SEC)
Global Mean of Time-averaged Longitude Slice
LN(P0/P) (MIDPOINTS)
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
0
5
10
15
20
25
30
35
40
45
GREENLINE EMISSION (E5577) (PHOTONS/CM3/SEC)
MIN,MAX= 0.1354E-12, 0.4274E+02
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS

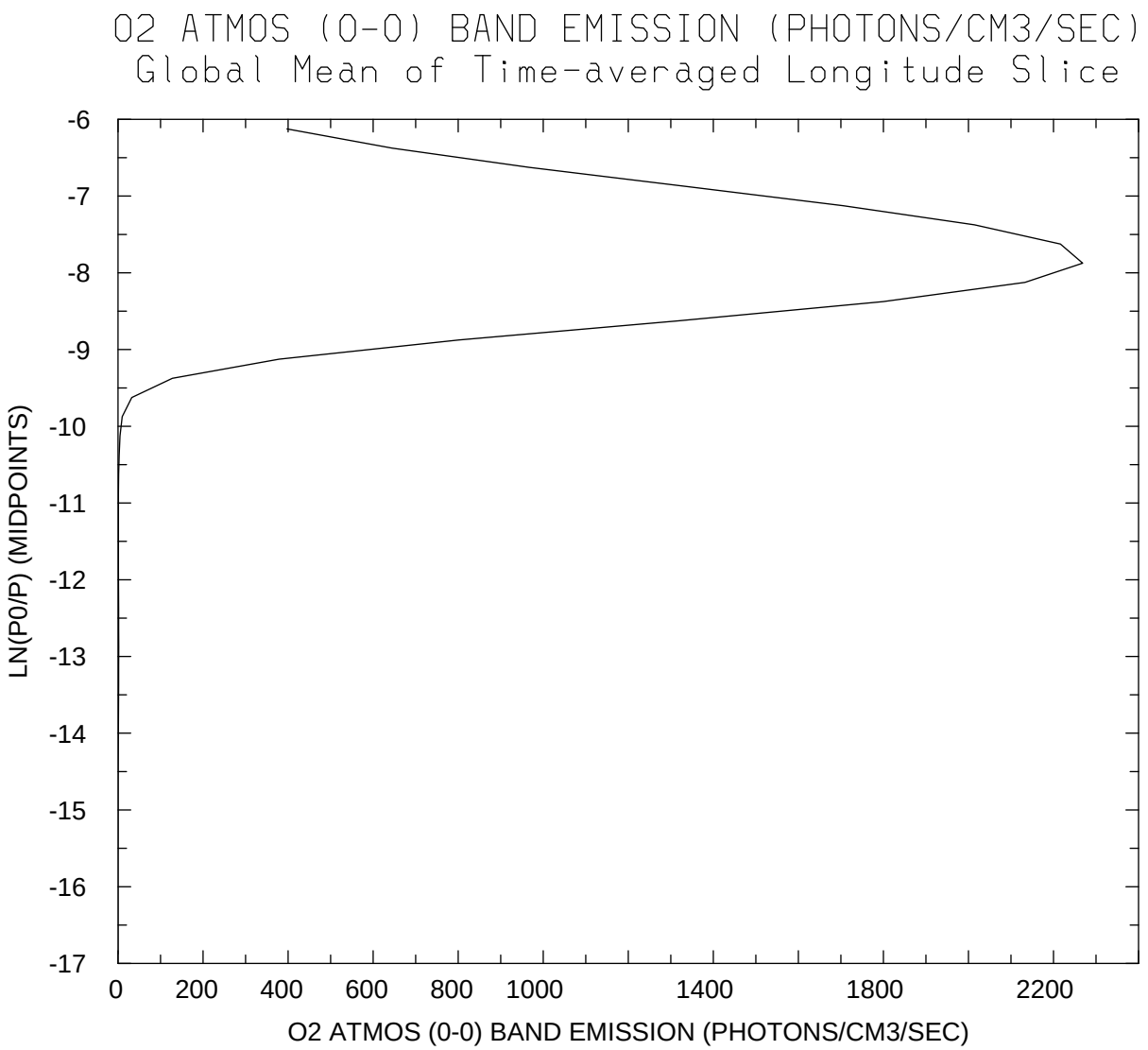
GREENLINE EMISSION (E5577) (PHOTONS/CM3/SEC)
YEAR 2002 UT= 0.00 ZONAL MEANS

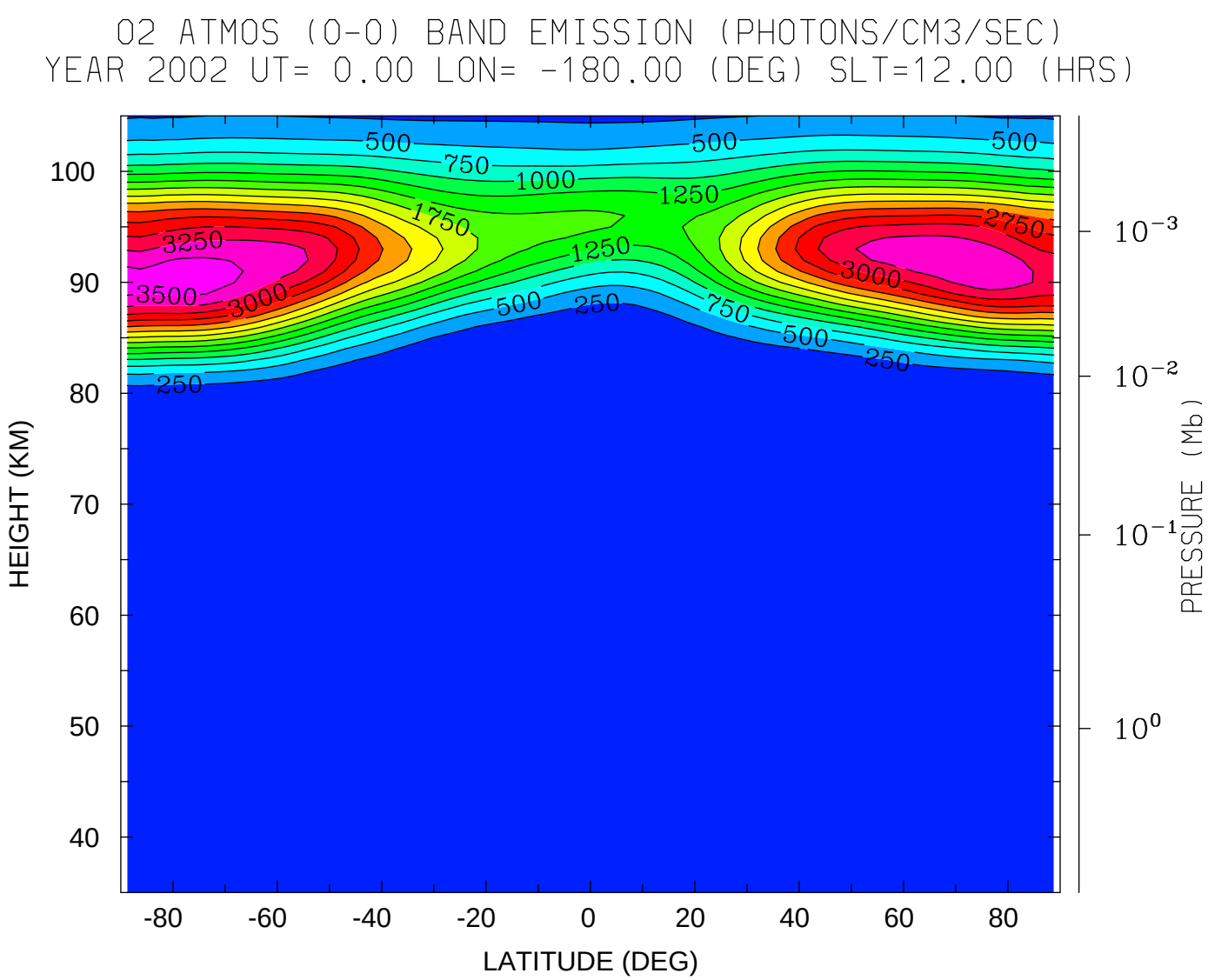


MIN,MAX= 5.1809E-14 1.0811E+02 INTERVAL= 5.0000E+00
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc


GREENLINE EMISSION (E5577) (PHOTONS/CM3/SEC)
Global Mean of Time-averaged Longitude Slice
110
100
90
80
70
60
50
40
30
HEIGHT (KM)
0
5
10
15
20
25
30
35
40
45
GREENLINE EMISSION (E5577) (PHOTONS/CM3/SEC)
MIN,MAX= 0.8047E-12, 0.4281E+02
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS


O2 ATMOS (0-0) BAND EMISSION (PHOTONS/CM3/SEC)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)
1000
750
500
1000
1250
2500
3250
1750
1500
1000
500
250
750
500
3250
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
LN(P0/P) (MIDPOINTS)
100
80
60
40
AVE HEIGHT (KM)
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
MIN,MAX= 1.4070E-04 3.9365E+03 INTERVAL= 2.5000E+02
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

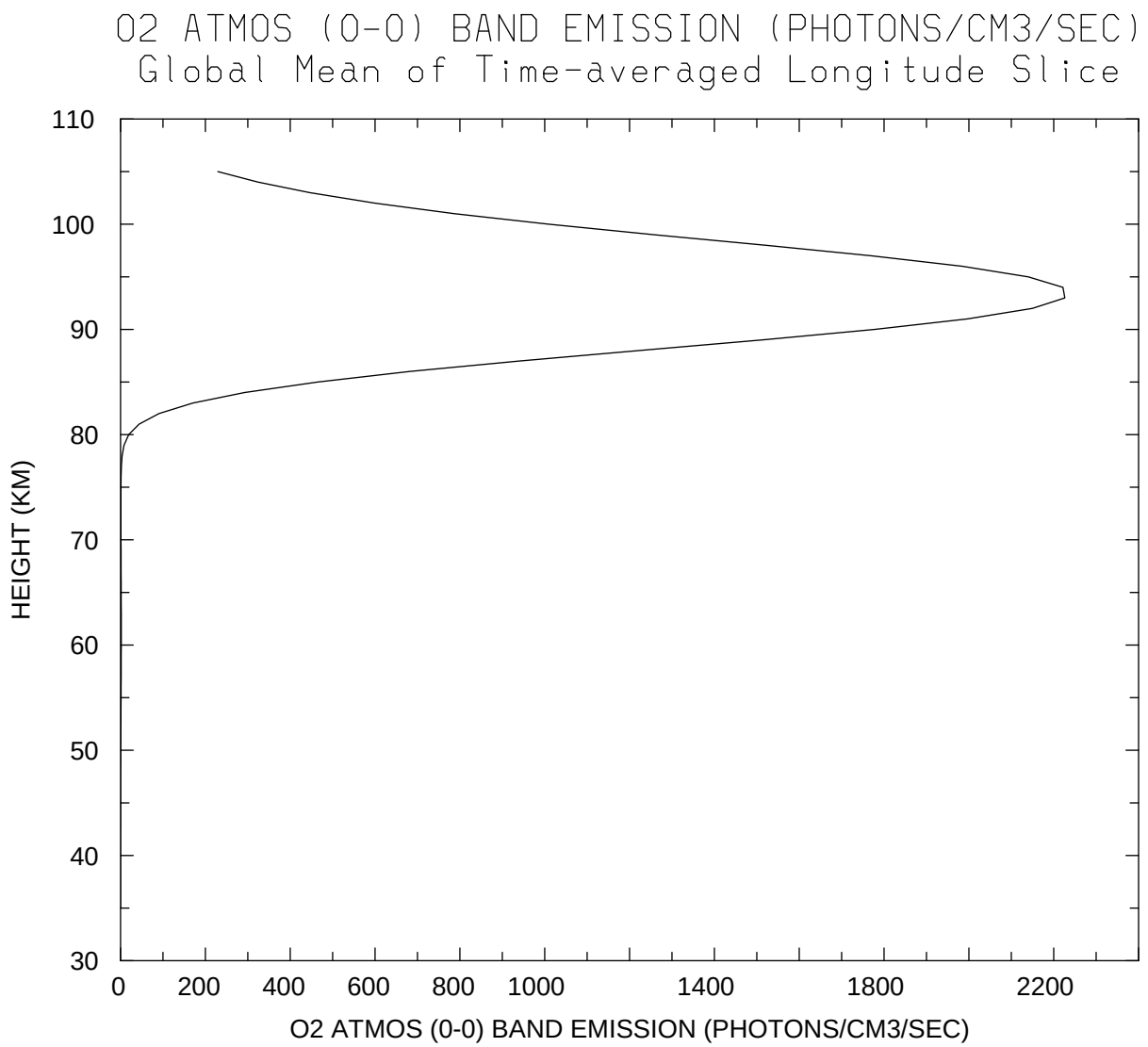

O2 ATMOS (0-0) BAND EMISSION (PHOTONS/CM3/SEC)
Global Mean of Time-averaged Longitude Slice
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
LN(P0/P) (MIDPOINTS)
0
200
400
600
800
1000
1400
1800
2200
O2 ATMOS (0-0) BAND EMISSION (PHOTONS/CM3/SEC)
MIN,MAX= 0.3192E-03, 0.2268E+04
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)

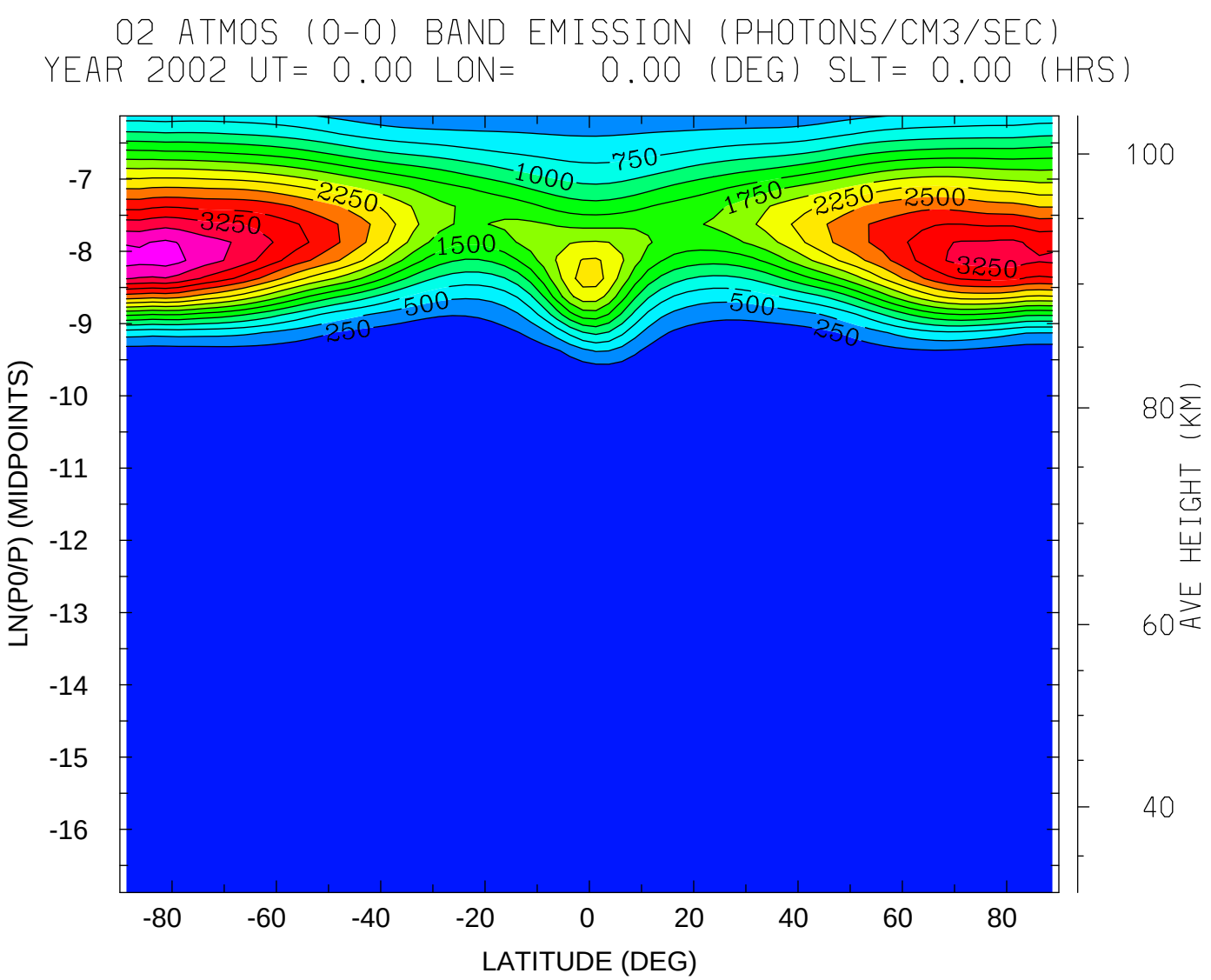


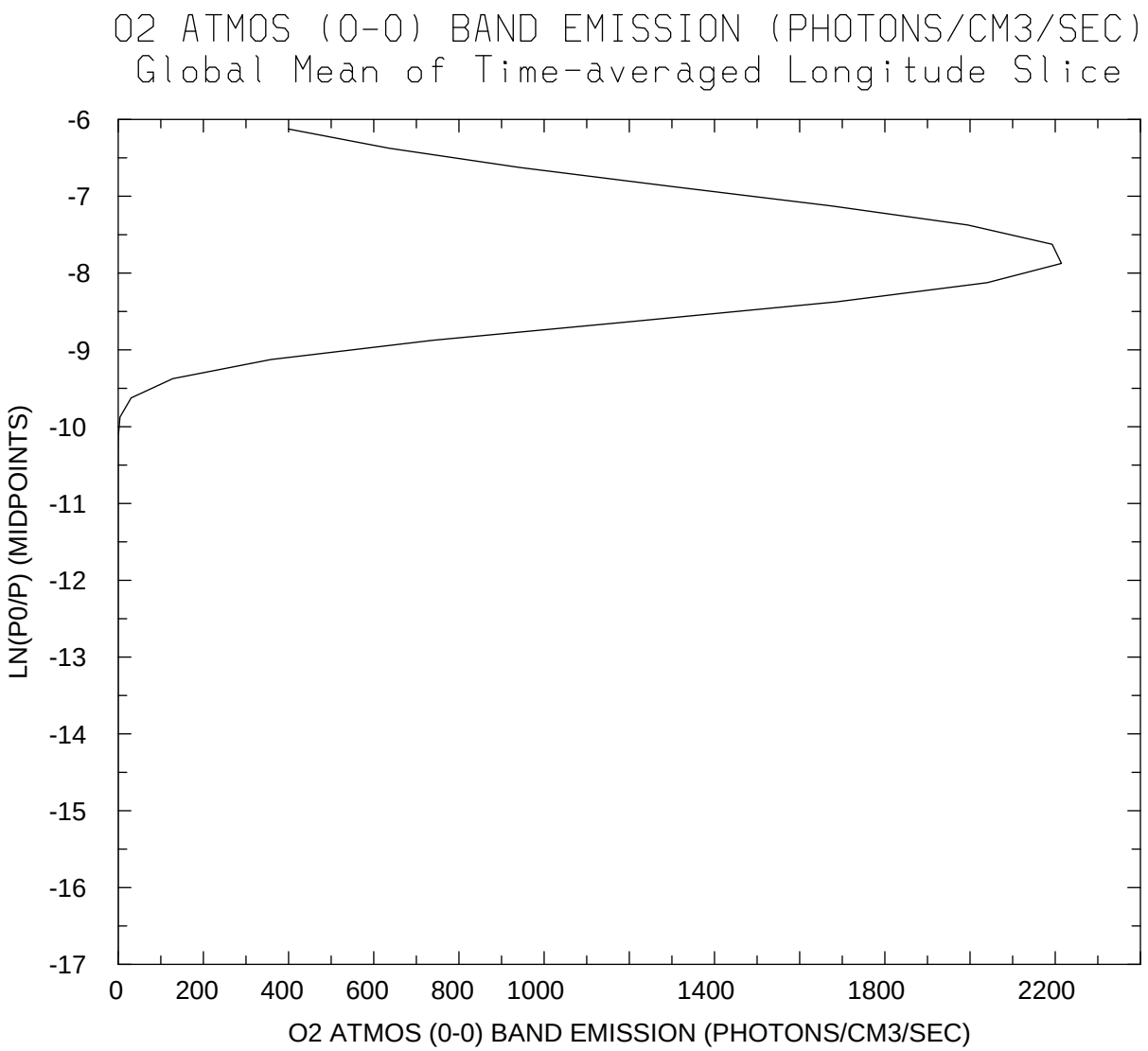
MIN,MAX= 9.2713E-05 3.6553E+03 INTERVAL= 2.5000E+02

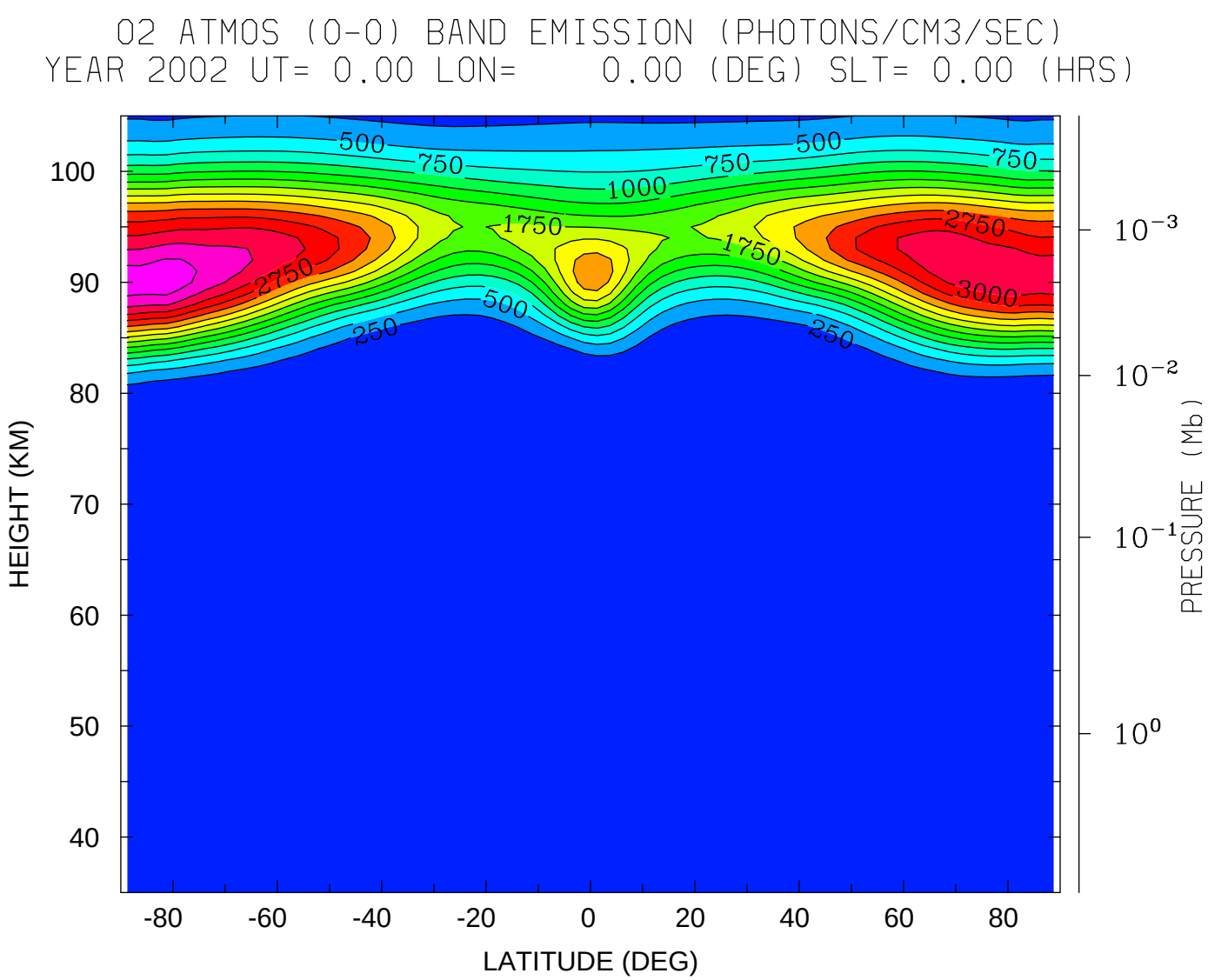
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc


O2 ATMOS (0-0) BAND EMISSION (PHOTONS/CM3/SEC)
Global Mean of Time-averaged Longitude Slice
HEIGHT (KM)
110
100
90
80
70
60
50
40
30
0
200
400
600
800
1000
1400
1800
2200
O2 ATMOS (0-0) BAND EMISSION (PHOTONS/CM3/SEC)
MIN,MAX= 0.1161E-02, 0.2226E+04
AVERAGED OVER 365 TIMES
LON SLICE = -180.000 (DEGREES)


O2 ATMOS (0-0) BAND EMISSION (PHOTONS/CM3/SEC)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (MIDPOINTS)
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
100
80
60
40
AVE HEIGHT (KM)
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
750
1000
1750
2250
2500
3250
1500
2250
3250
500
250
500
250
MIN,MAX= 4.1375E-07 3.8719E+03 INTERVAL= 2.5000E+02
timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)
aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

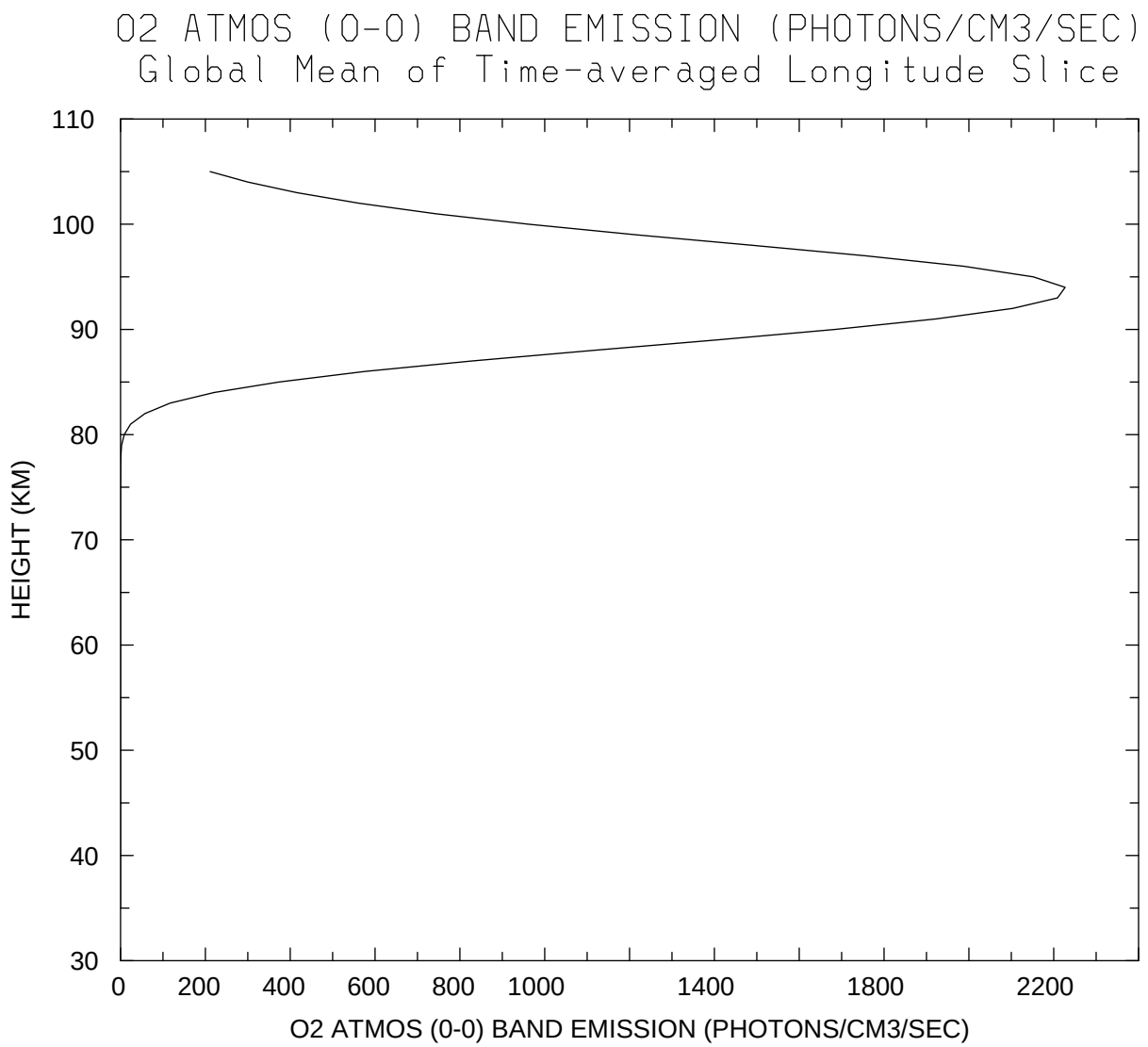

O2 ATMOS (0-0) BAND EMISSION (PHOTONS/CM3/SEC)
Global Mean of Time-averaged Longitude Slice
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
LN(P0/P) (MIDPOINTS)
0
200
400
600
800
1000
1400
1800
2200
O2 ATMOS (0-0) BAND EMISSION (PHOTONS/CM3/SEC)
MIN,MAX= 0.4864E-04, 0.2215E+04
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

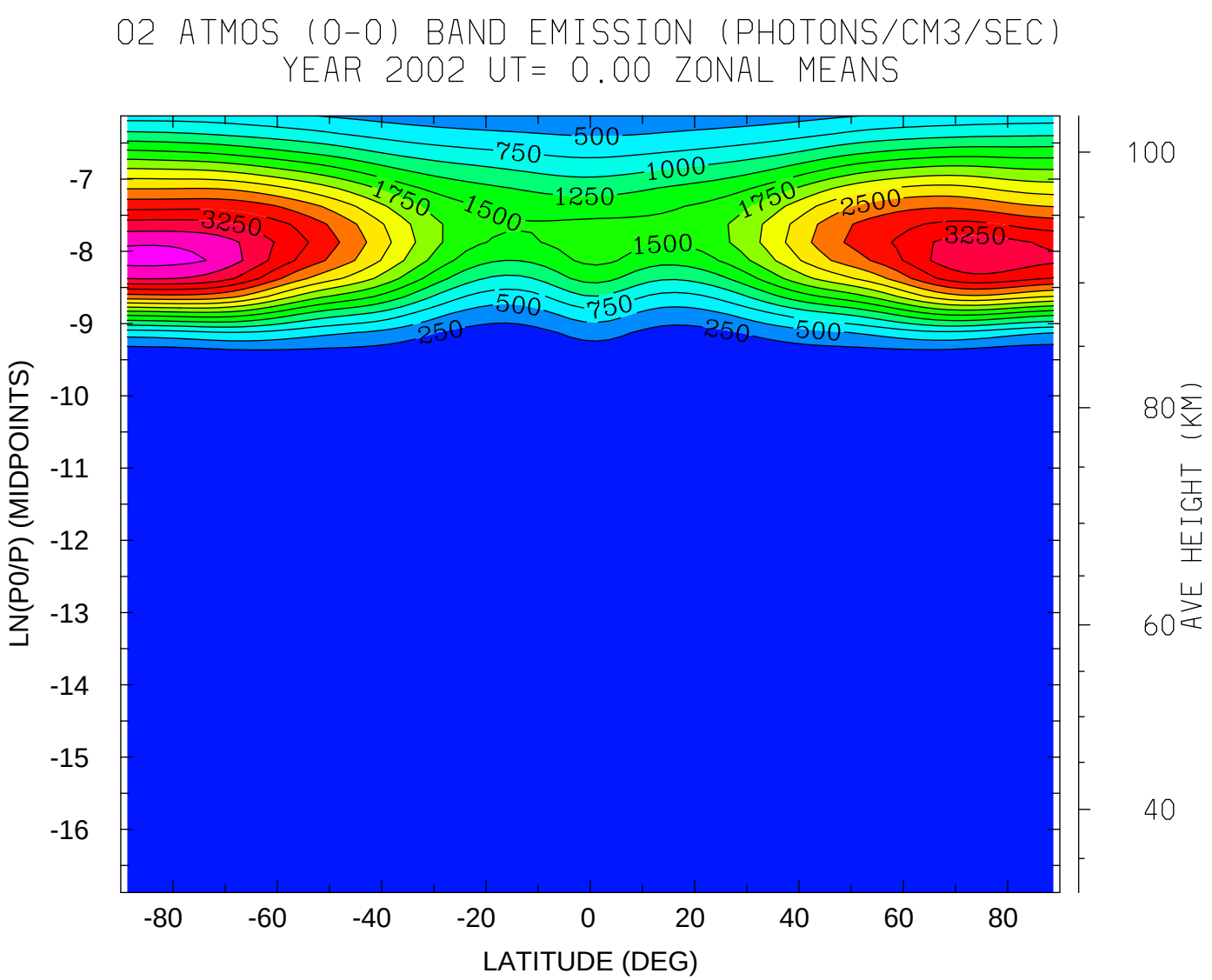


MIN,MAX= 4.2119E-07 3.6620E+03 INTERVAL= 2.5000E+02

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

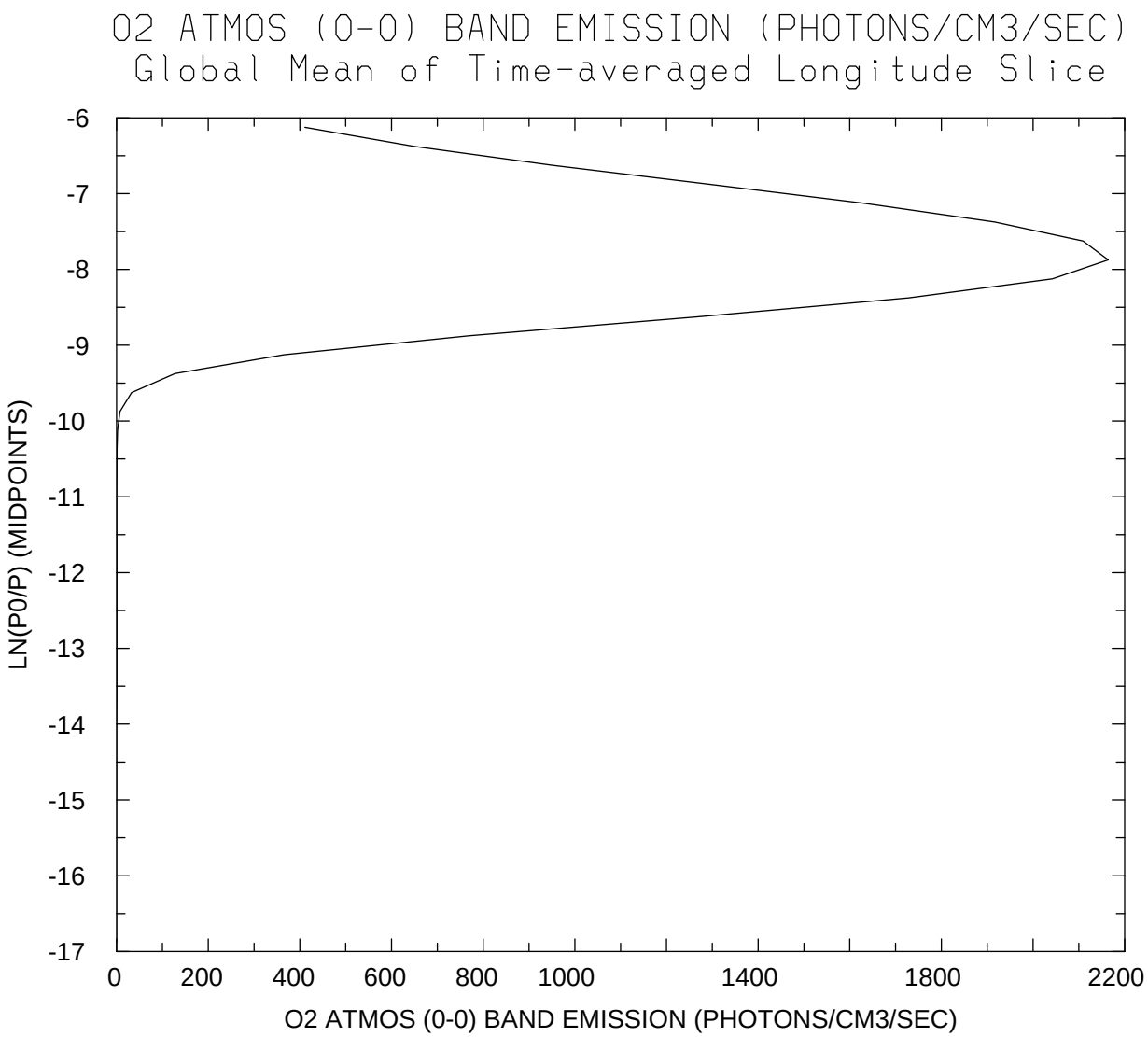

O2 ATMOS (0-0) BAND EMISSION (PHOTONS/CM3/SEC)
Global Mean of Time-averaged Longitude Slice
HEIGHT (KM)
110
100
90
80
70
60
50
40
30
0
200
400
600
800
1000
1400
1800
2200
O2 ATMOS (0-0) BAND EMISSION (PHOTONS/CM3/SEC)
MIN,MAX= 0.3920E-04, 0.2227E+04
AVERAGED OVER 365 TIMES
LON SLICE = 0.000 (DEGREES)

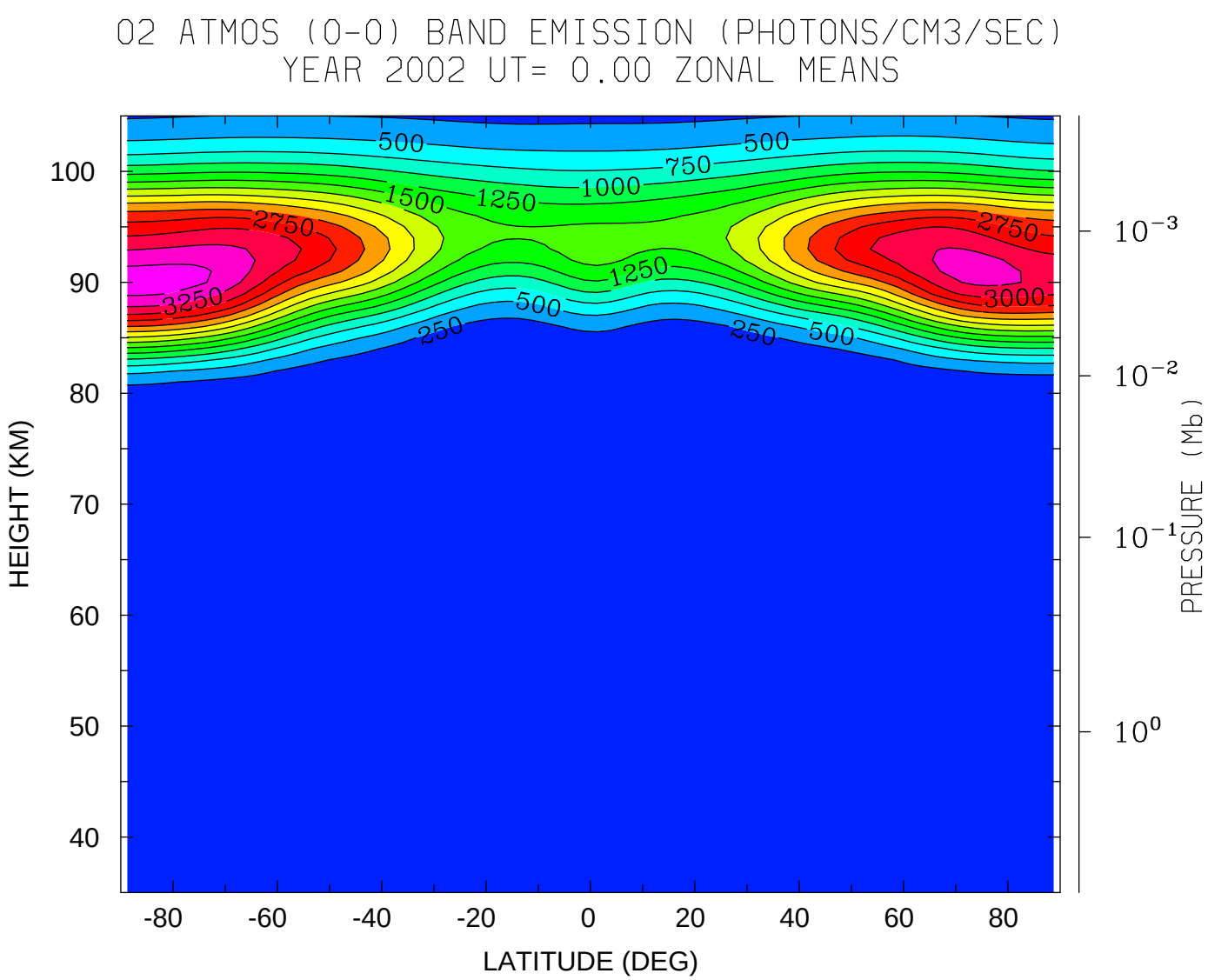


MIN,MAX= 1.4049E-04 3.8503E+03 INTERVAL= 2.5000E+02

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc

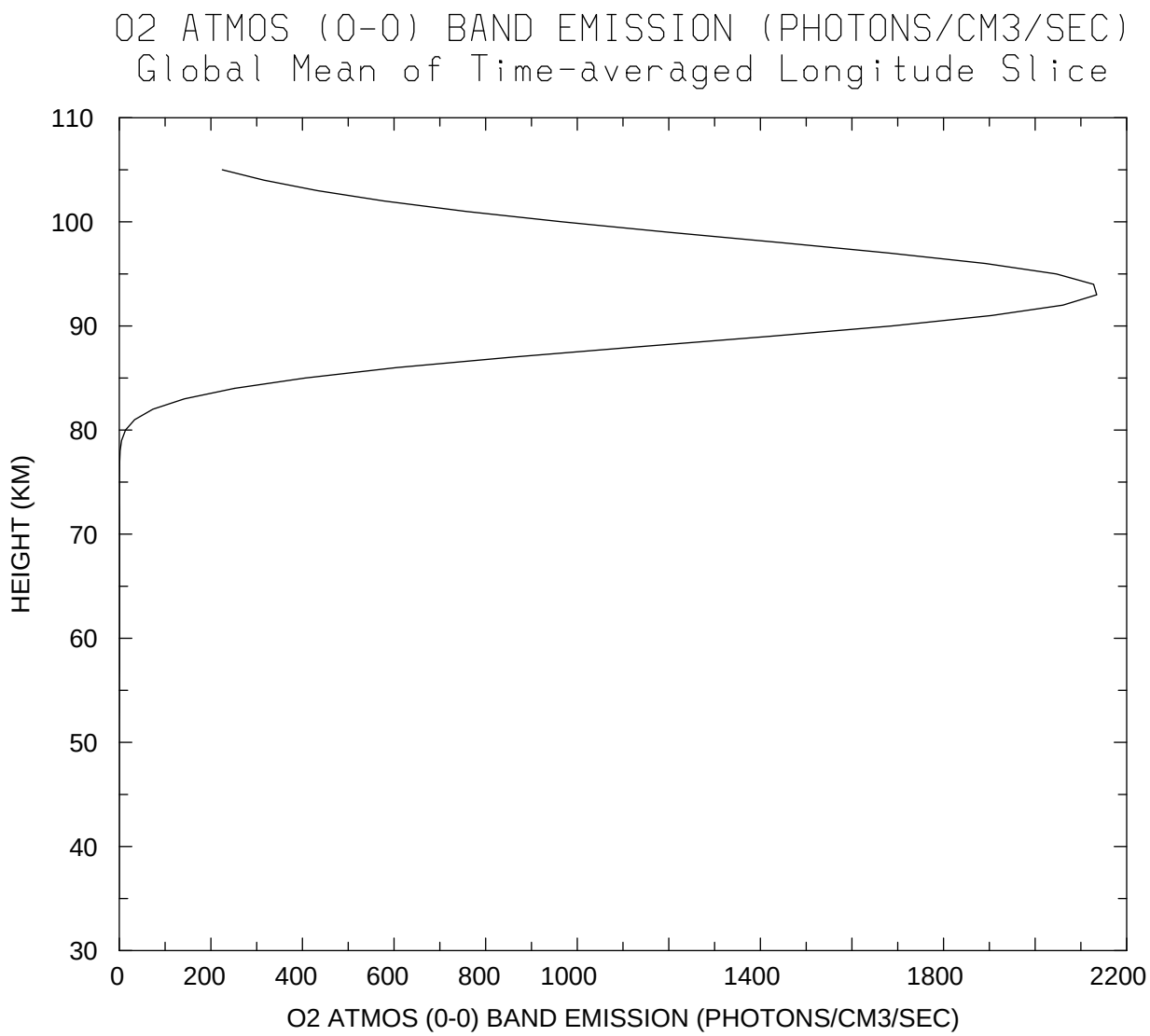

O2 ATMOS (0-0) BAND EMISSION (PHOTONS/CM3/SEC)
Global Mean of Time-averaged Longitude Slice
-6
-7
-8
-9
-10
-11
-12
-13
-14
-15
-16
-17
LN(P0/P) (MIDPOINTS)
0
200
400
600
800
1000
1400
1800
2200
O2 ATMOS (0-0) BAND EMISSION (PHOTONS/CM3/SEC)
MIN,MAX= 0.2435E-03, 0.2164E+04
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS



MIN,MAX= 9.0800E-05 3.6163E+03 INTERVAL= 2.5000E+02

timegcm1-2dev7 (DAY,HR,MIN=365, 0, 0)

aim/d/tgcm/timegcm1.3_ecmwfe/p02eem/ROBLE.timegcm1.3.p02eem37.nc


O2 ATMOS (0-0) BAND EMISSION (PHOTONS/CM3/SEC)
Global Mean of Time-averaged Longitude Slice
HEIGHT (KM)
110
100
90
80
70
60
50
40
30
0
200
400
600
800
1000
1400
1800
2200
O2 ATMOS (0-0) BAND EMISSION (PHOTONS/CM3/SEC)
MIN,MAX= 0.4646E-03, 0.2134E+04
AVERAGED OVER 365 TIMES
LON SLICE = ZONAL MEANS