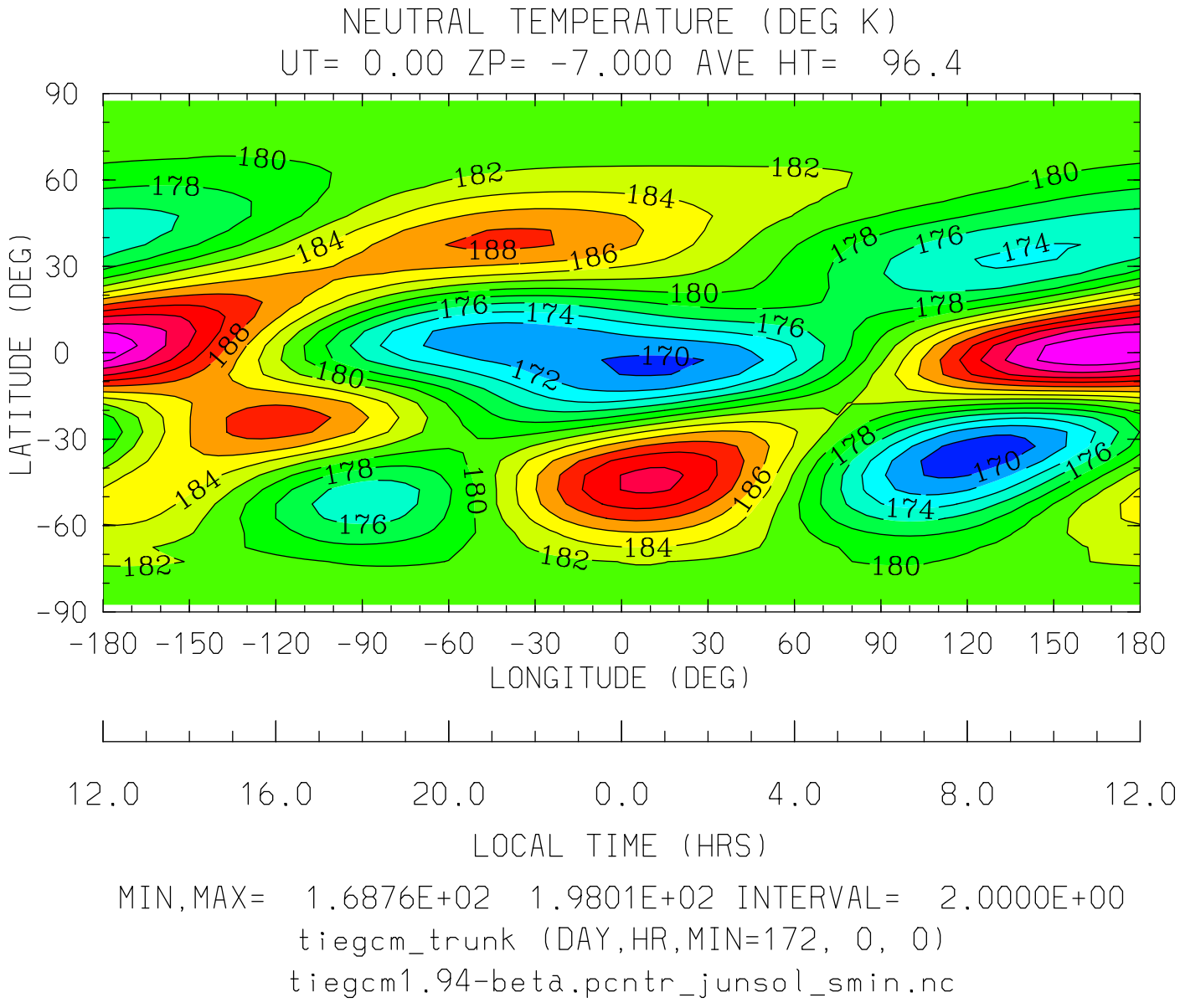
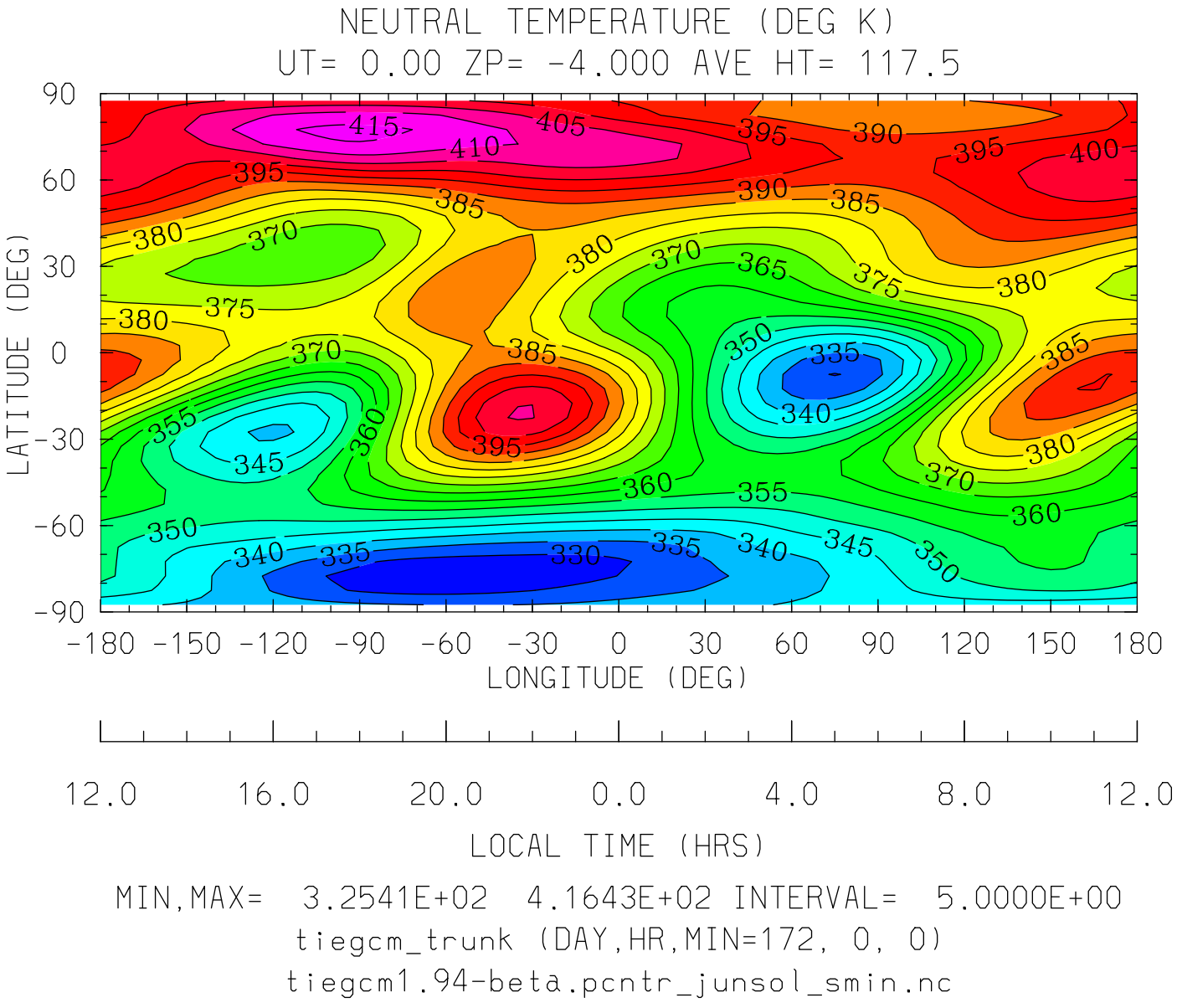
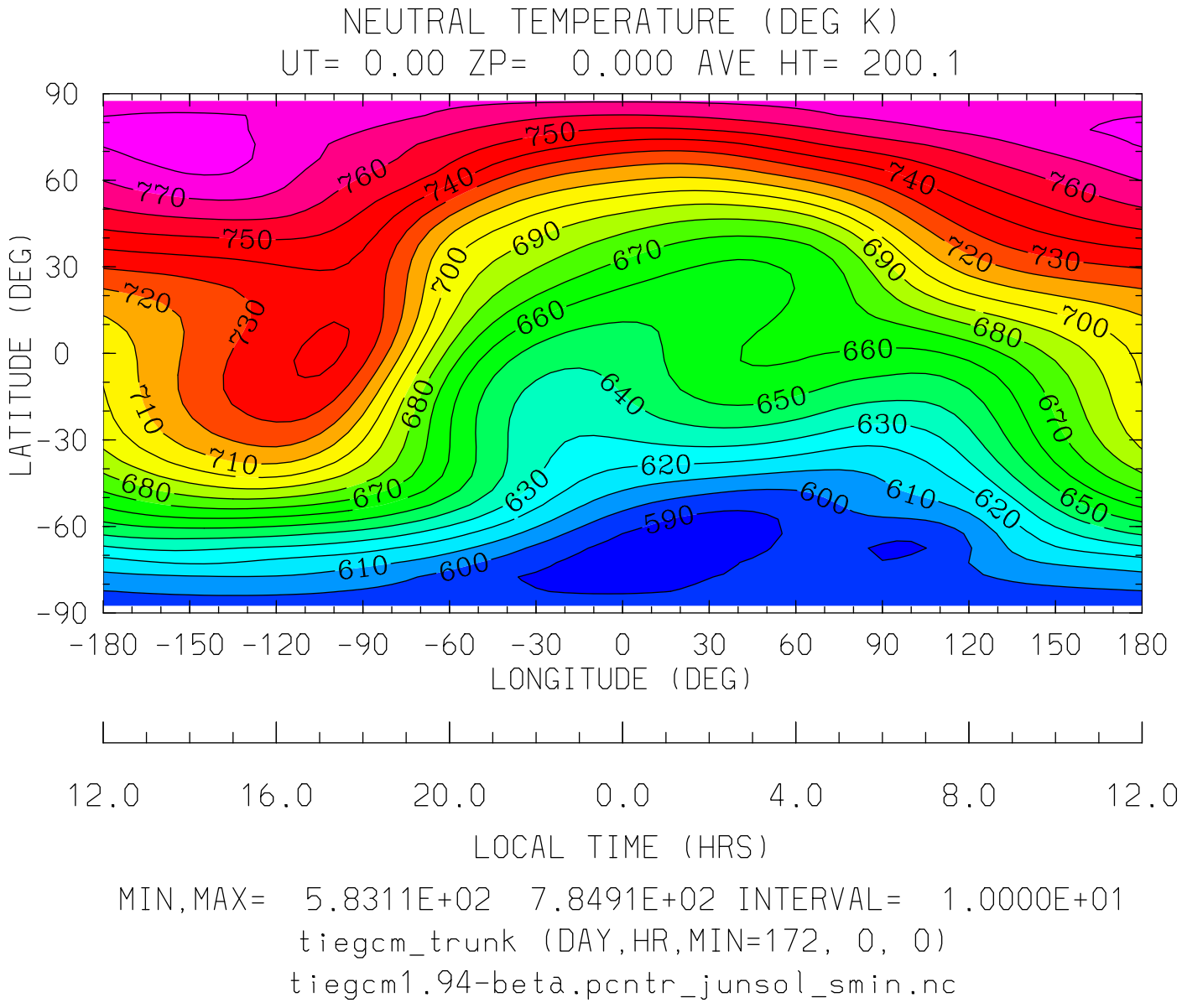

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.6876E+02 1.9801E+02 INTERVAL= 2.0000E+00
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

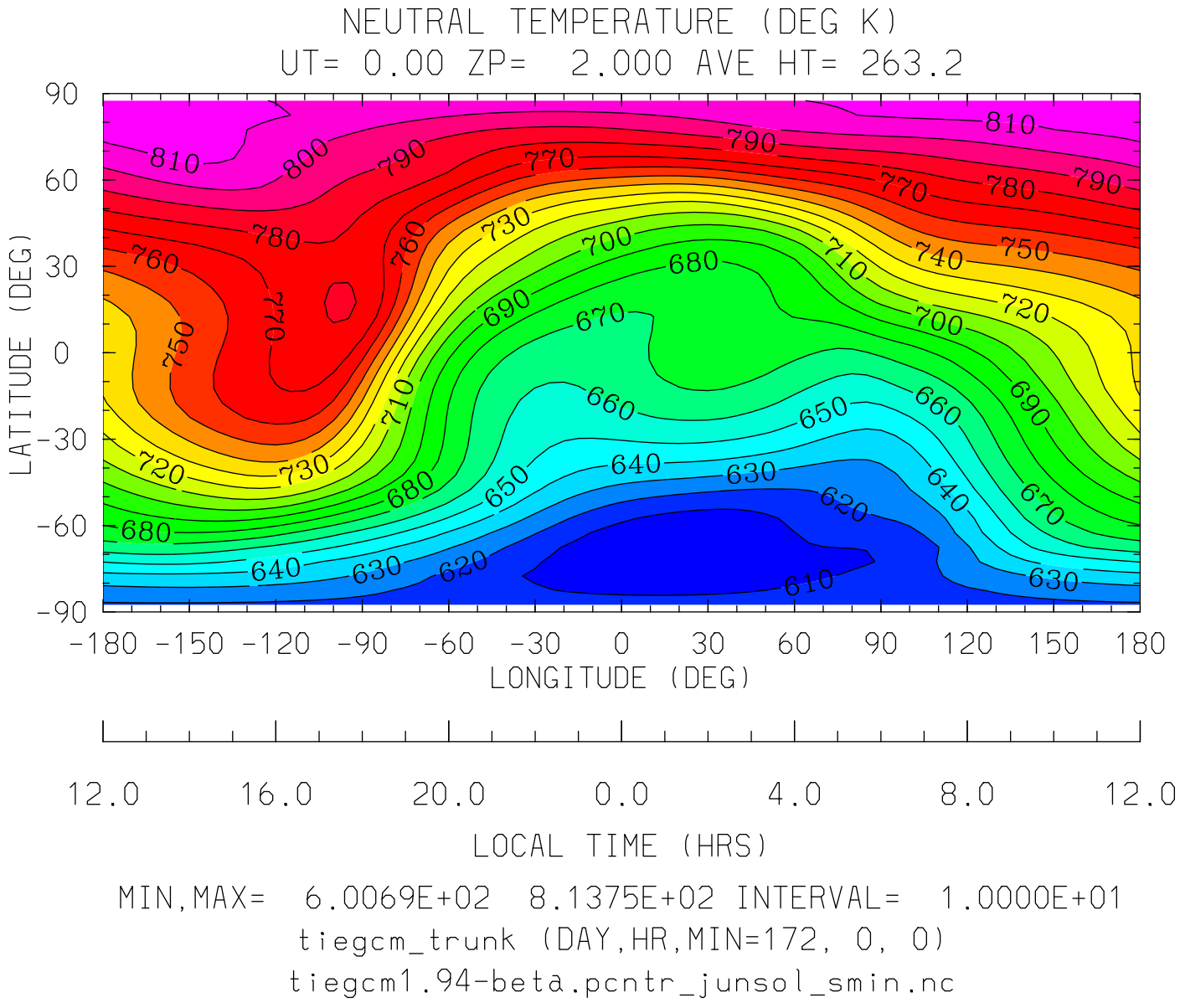


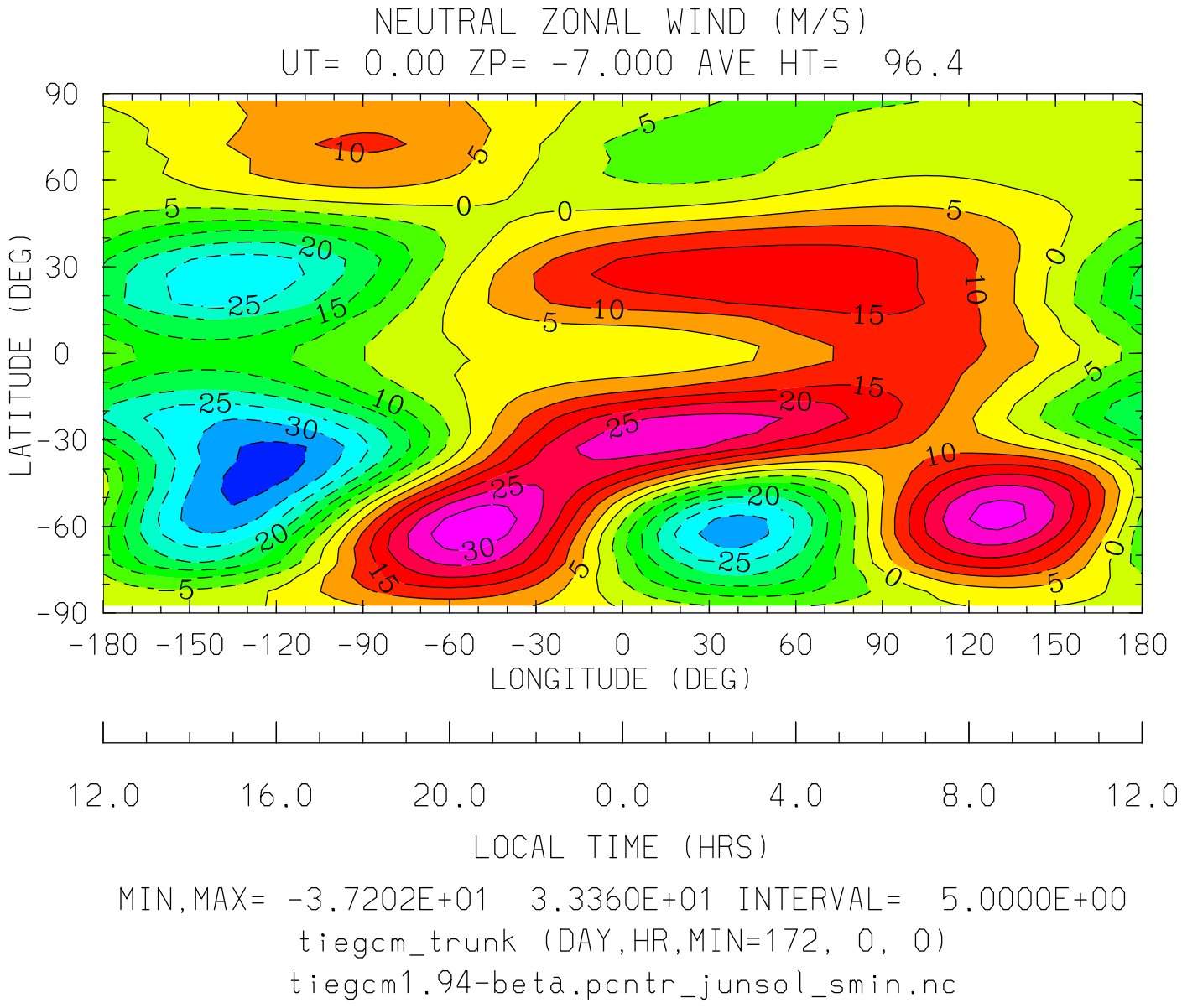
MIN,MAX= 3.2541E+02 4.1643E+02 INTERVAL= 5.0000E+00

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc


NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 0.000 AVE HT= 200.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 5.8311E+02 7.8491E+02 INTERVAL= 1.0000E+01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

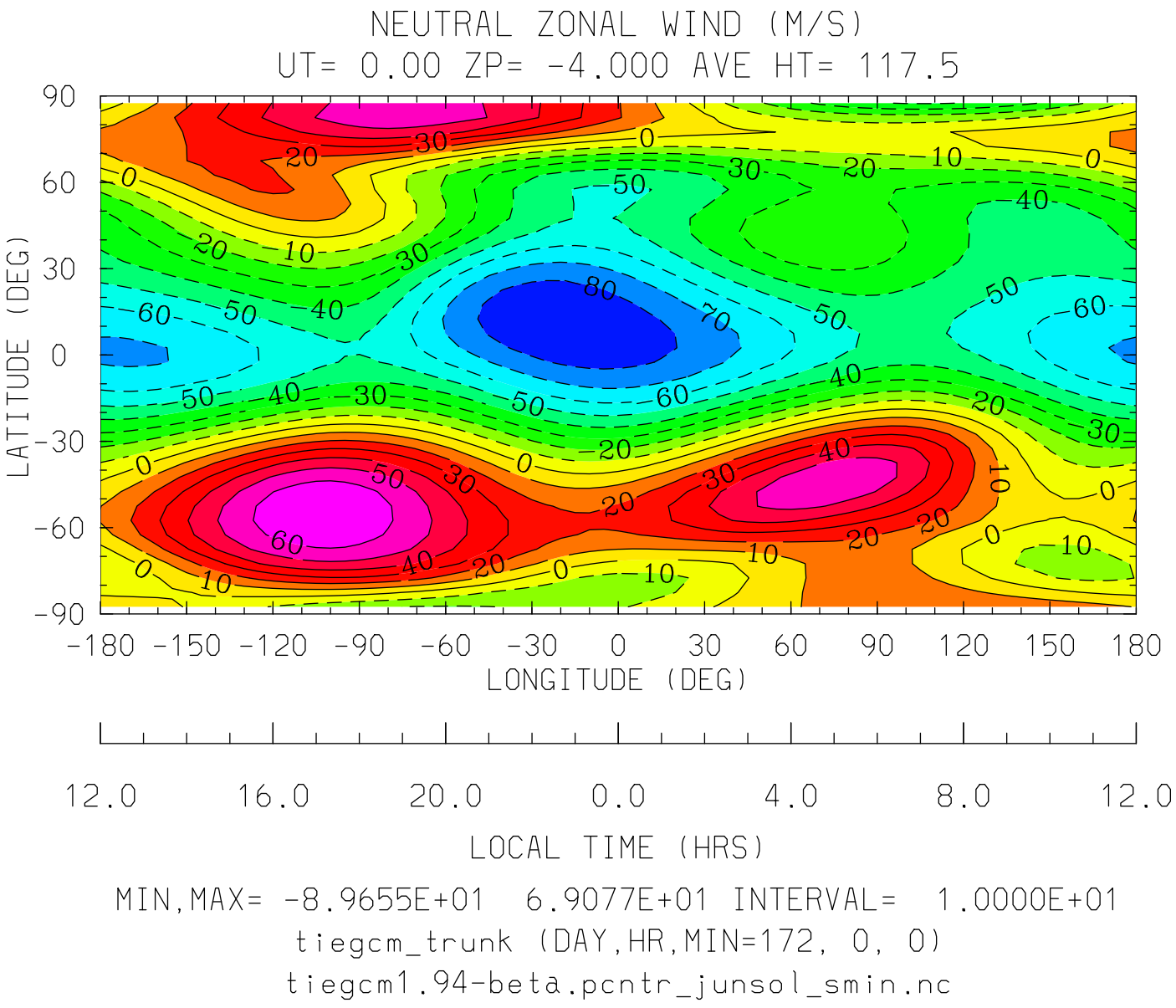

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 2.000 AVE HT= 263.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 6.0069E+02 8.1375E+02 INTERVAL= 1.0000E+01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

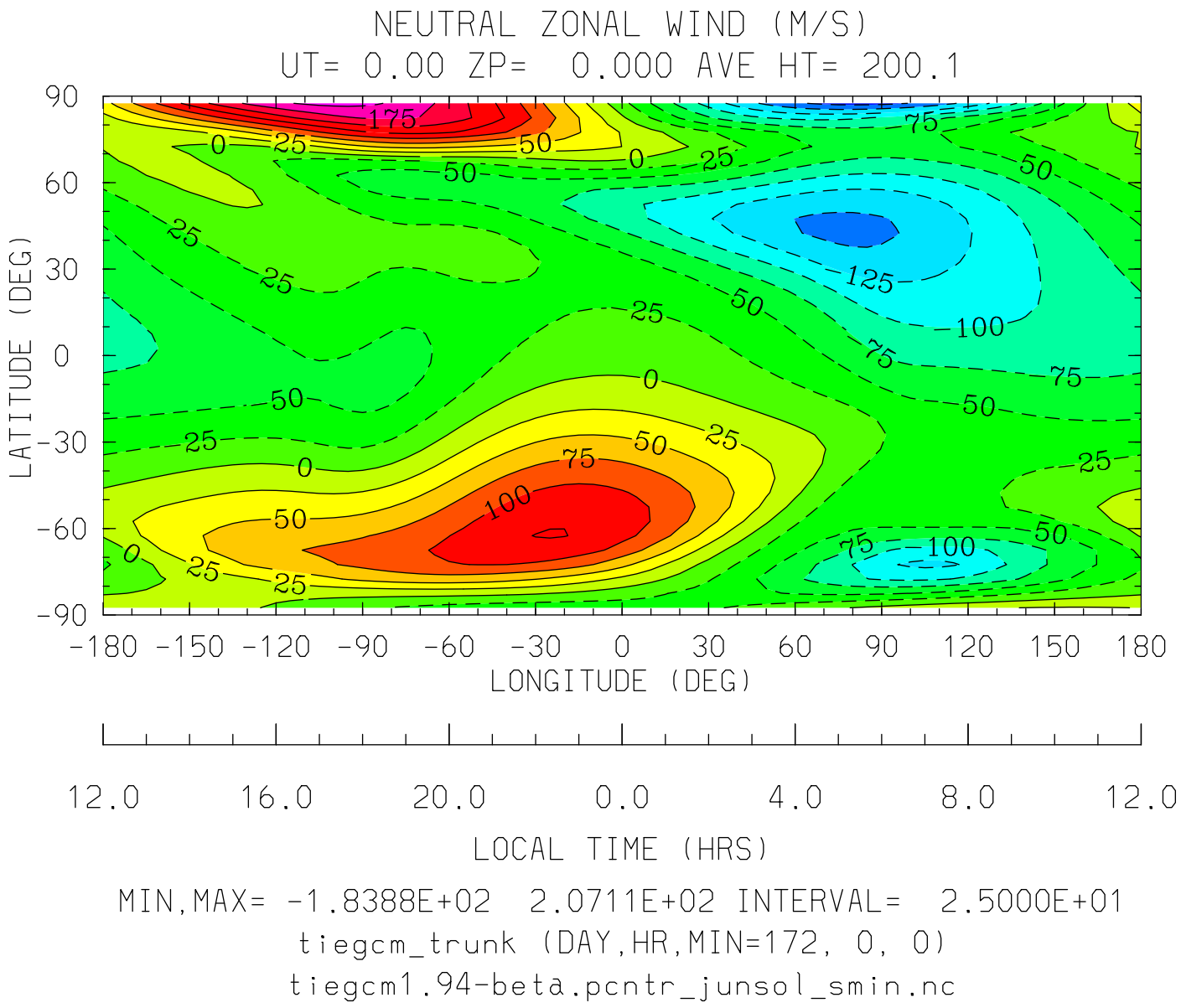


MIN,MAX= -3.7202E+01 3.3360E+01 INTERVAL= 5.0000E+00

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc

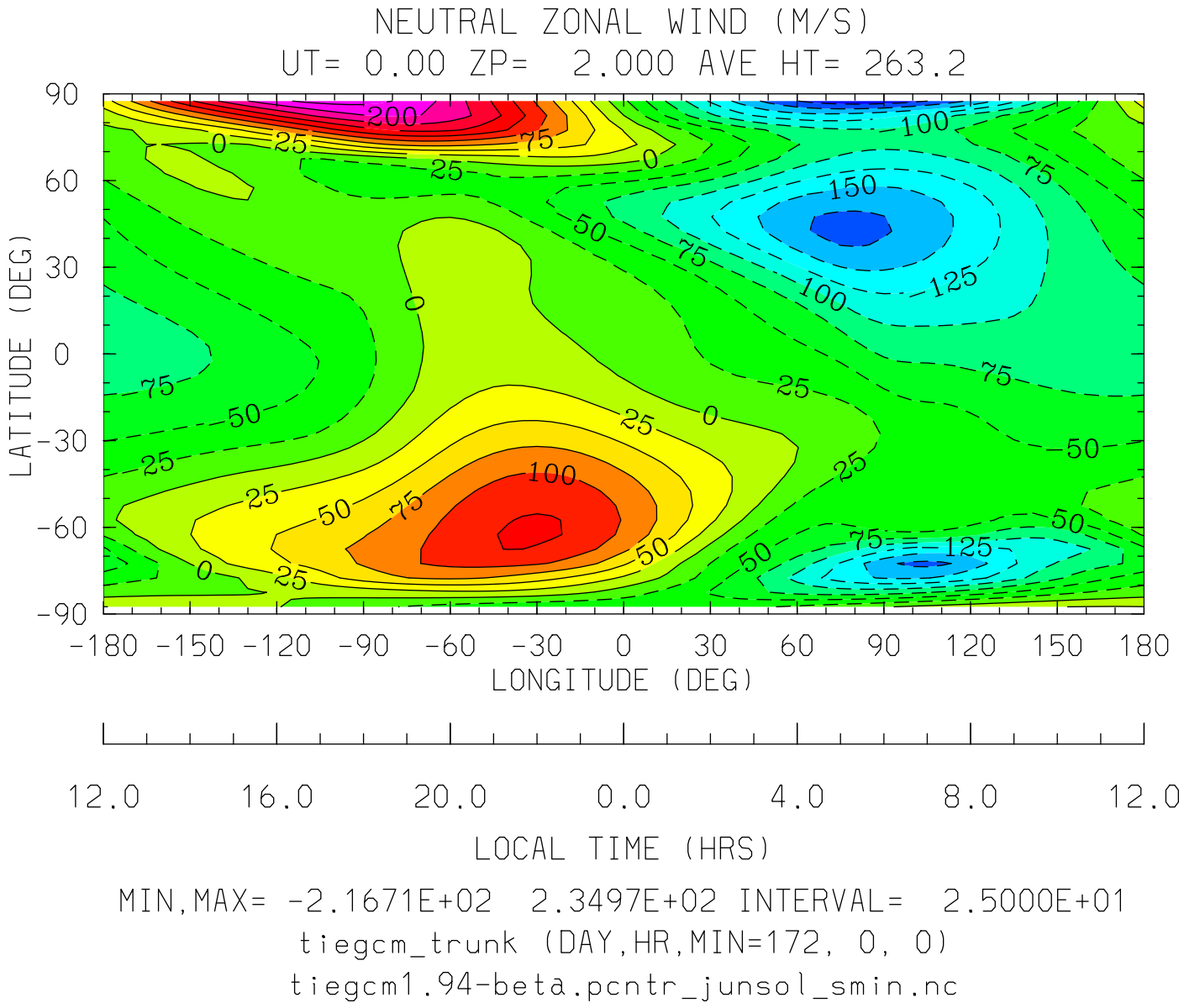

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 117.5
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -8.9655E+01 6.9077E+01 INTERVAL= 1.0000E+01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

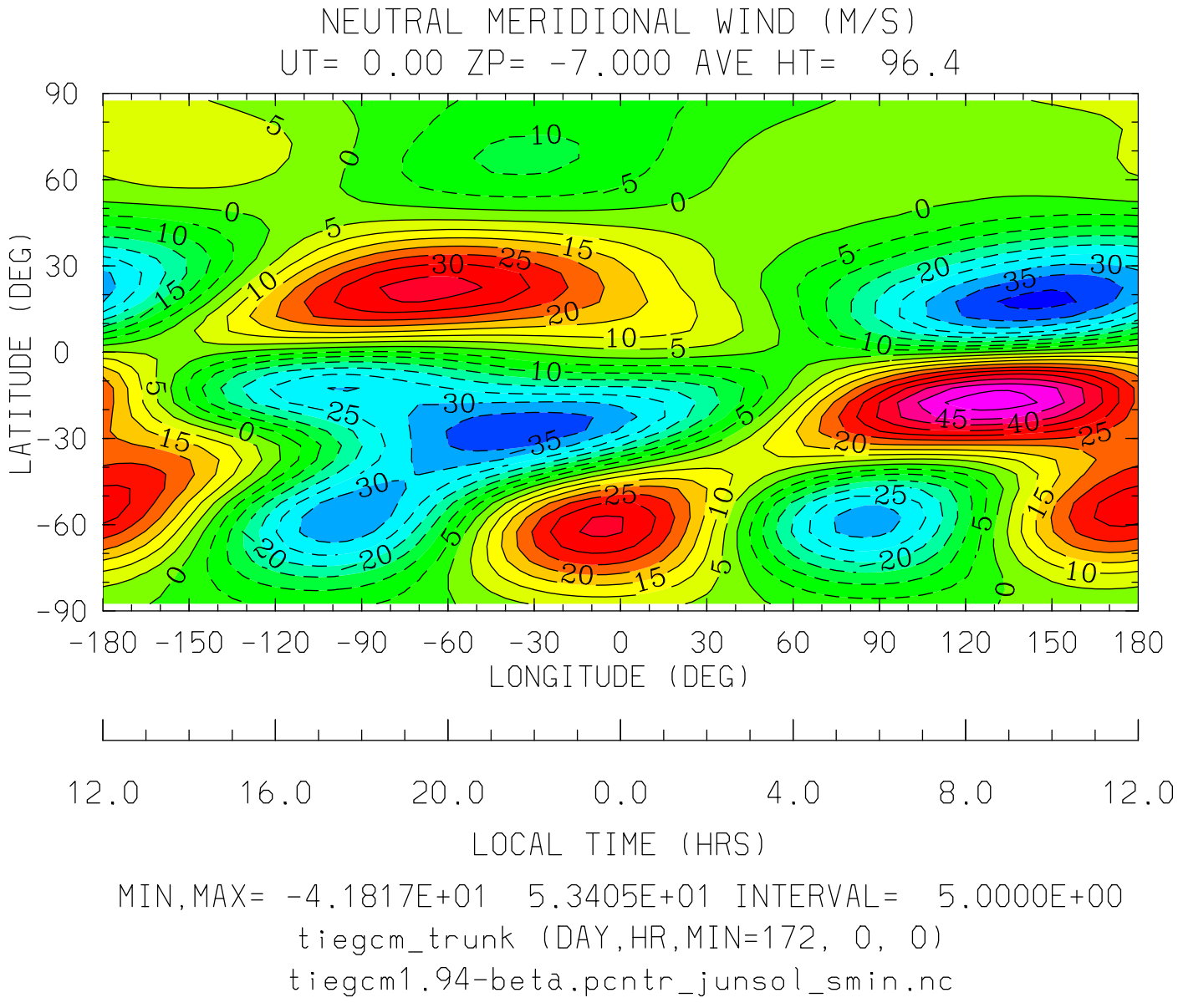


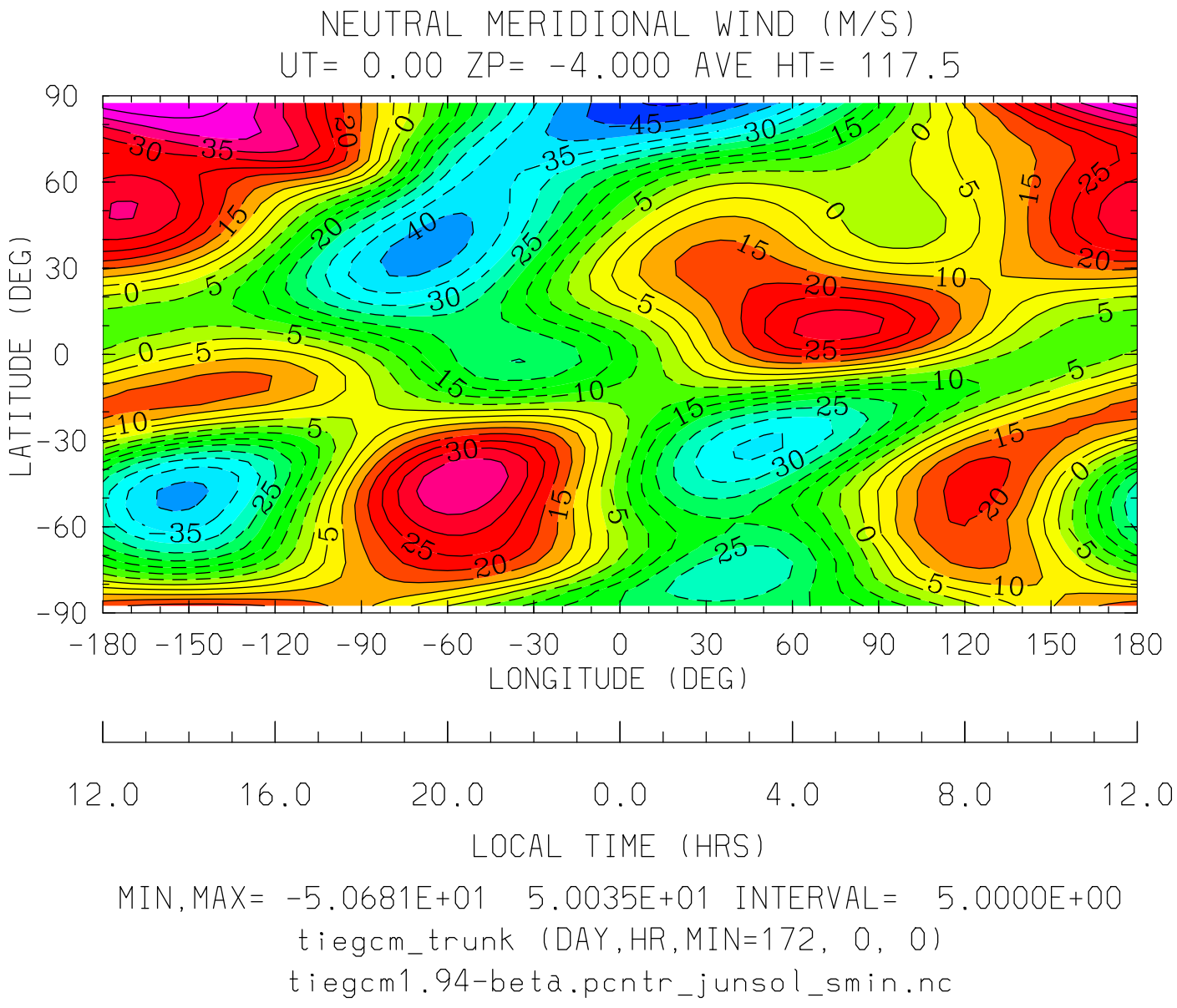
MIN,MAX= -1.8388E+02 2.0711E+02 INTERVAL= 2.5000E+01

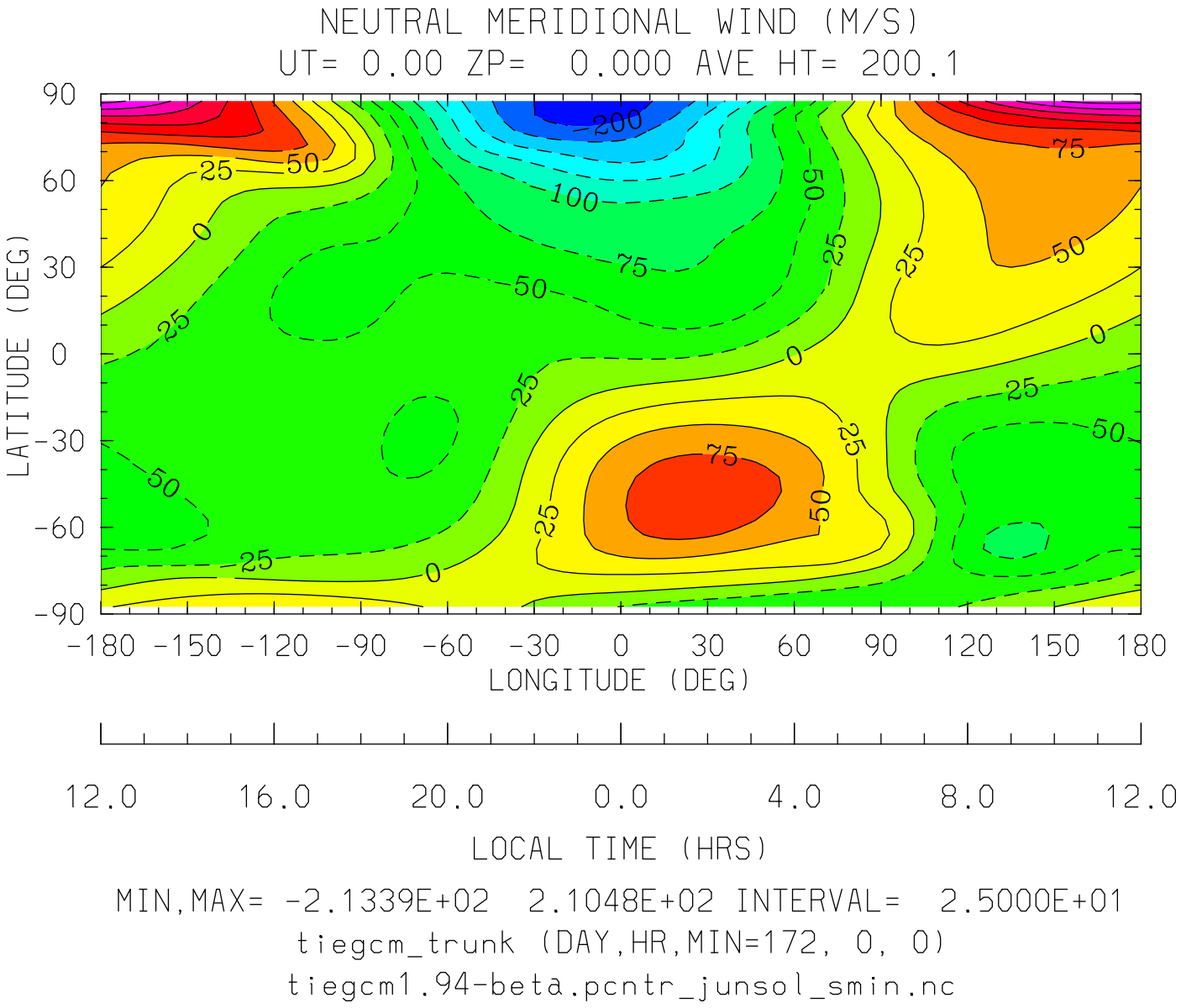
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

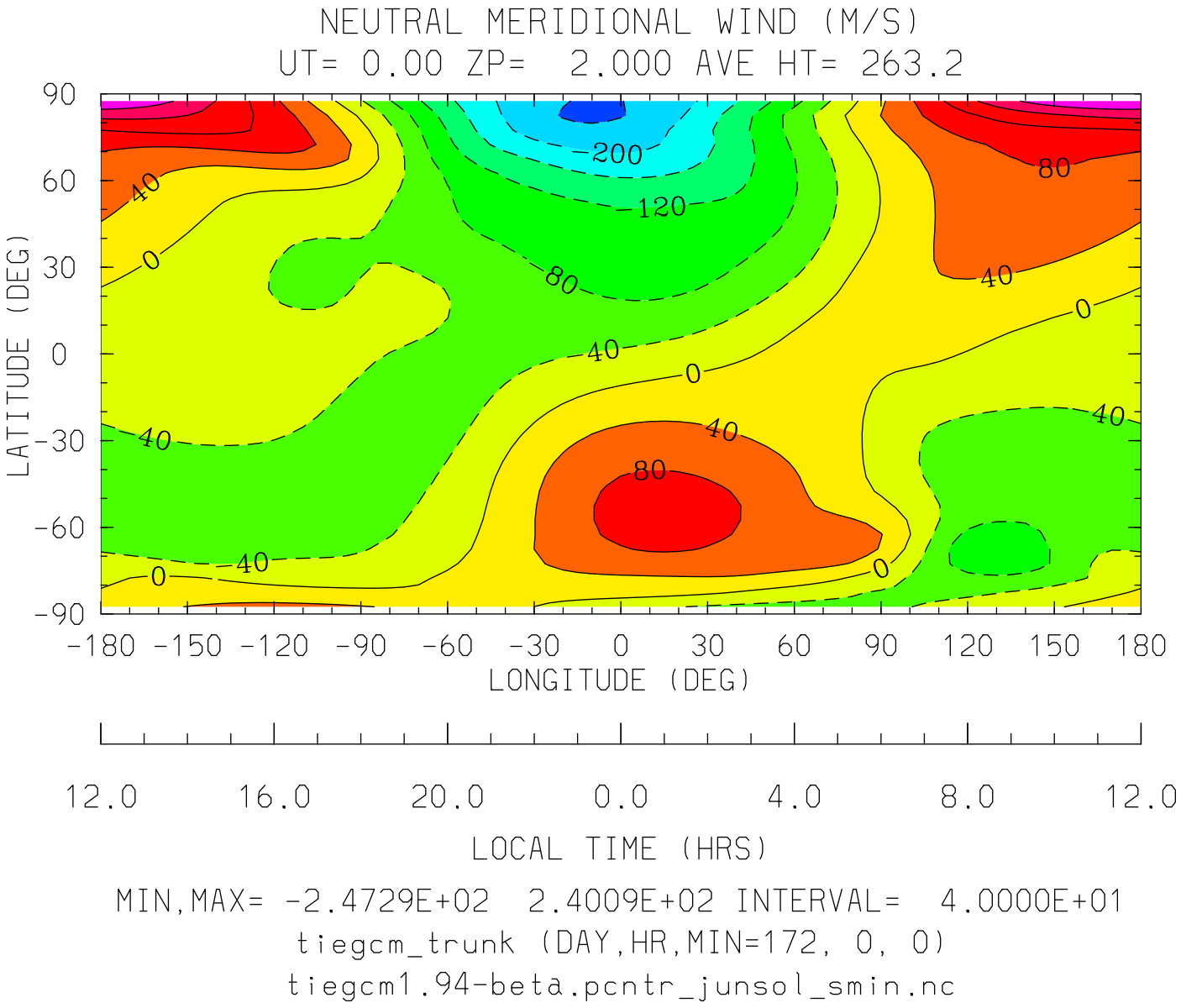
tiegcm1.94-beta.pcntr_junsol_smin.nc


NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 263.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -2.1671E+02 2.3497E+02 INTERVAL= 2.5000E+01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -4.1817E+01 5.3405E+01 INTERVAL= 5.0000E+00
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 117.5
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -5.0681E+01 5.0035E+01 INTERVAL= 5.0000E+00
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

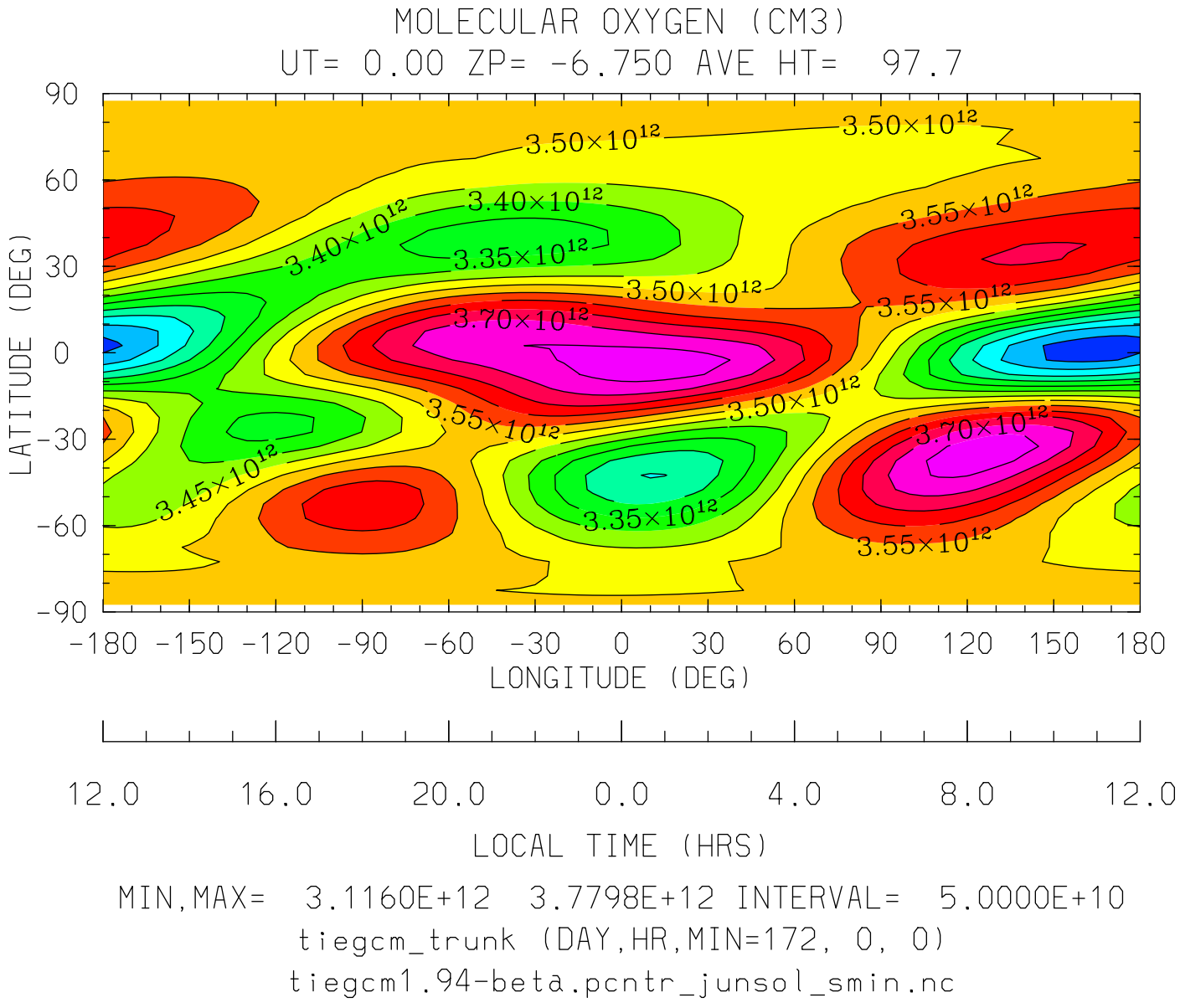

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 200.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -2.1339E+02 2.1048E+02 INTERVAL= 2.5000E+01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

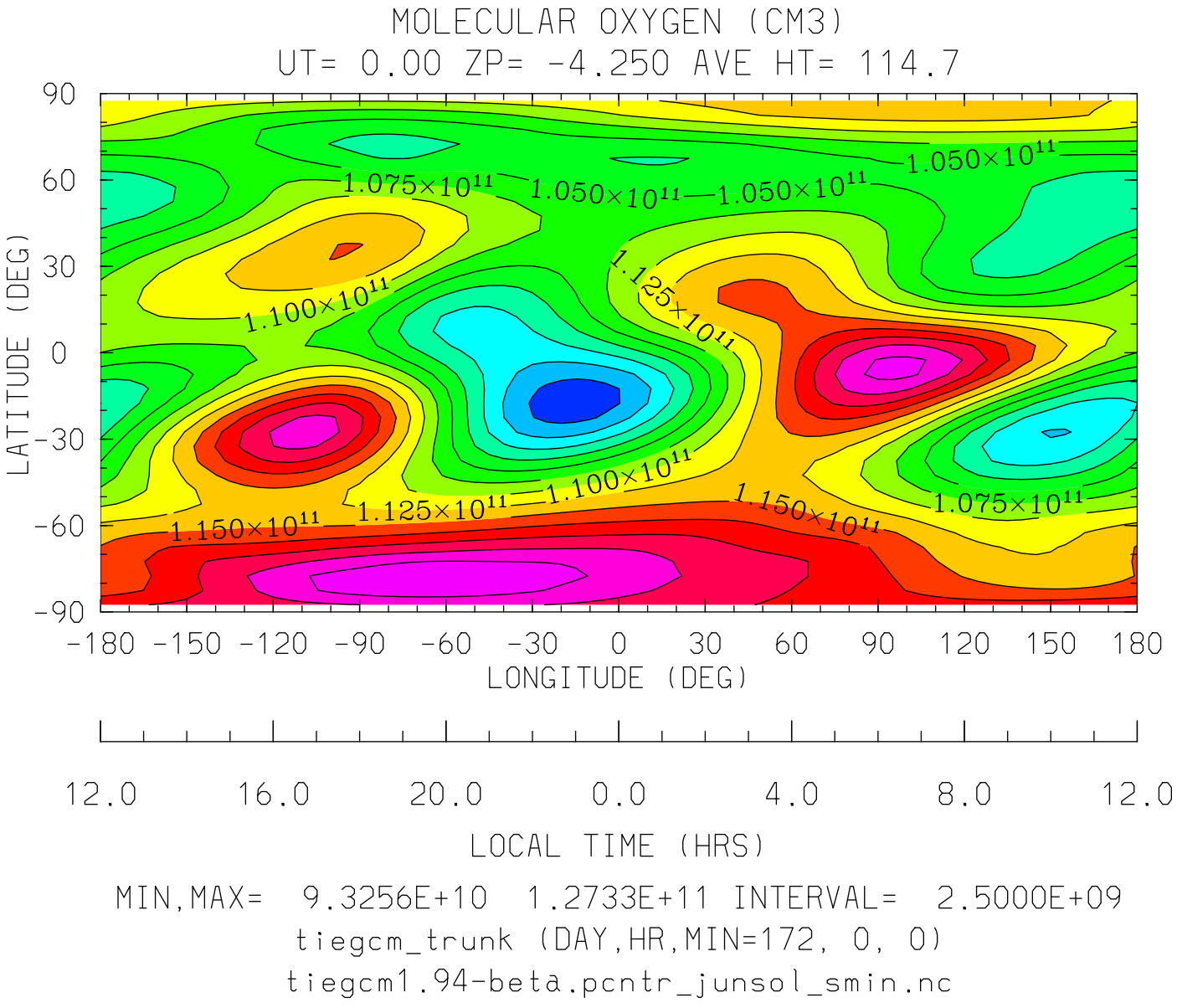


MIN,MAX= -2.4729E+02 2.4009E+02 INTERVAL= 4.0000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc

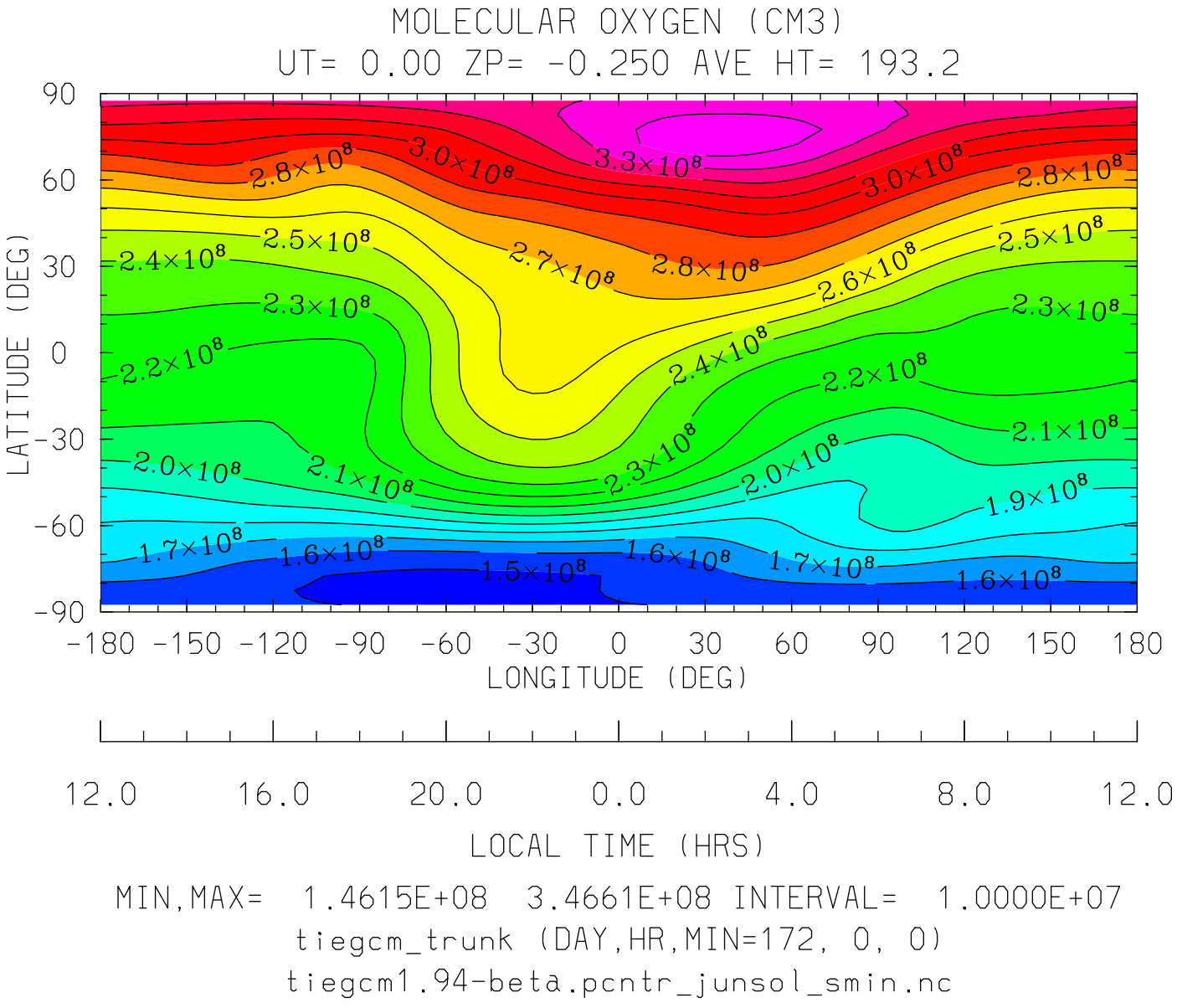

MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= -6.750 AVE HT= 97.7
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
3.50×10¹²
3.40×10¹²
3.35×10¹²
3.55×10¹²
3.70×10¹²
3.45×10¹²
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.1160E+12 3.7798E+12 INTERVAL= 5.0000E+10
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 9.3256E+10 1.2733E+11 INTERVAL= 2.5000E+09

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

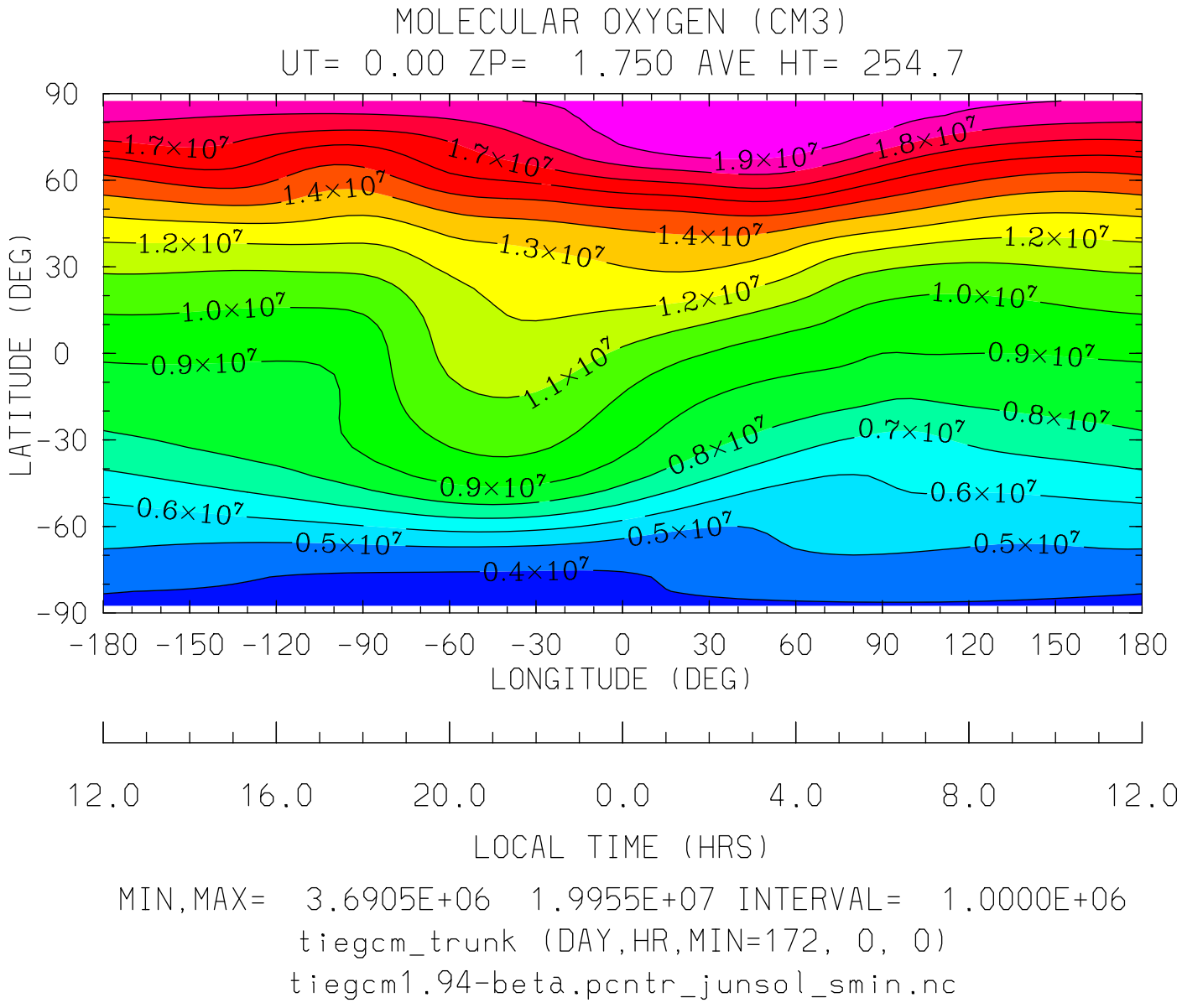
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.4615E+08 3.4661E+08 INTERVAL= 1.0000E+07

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

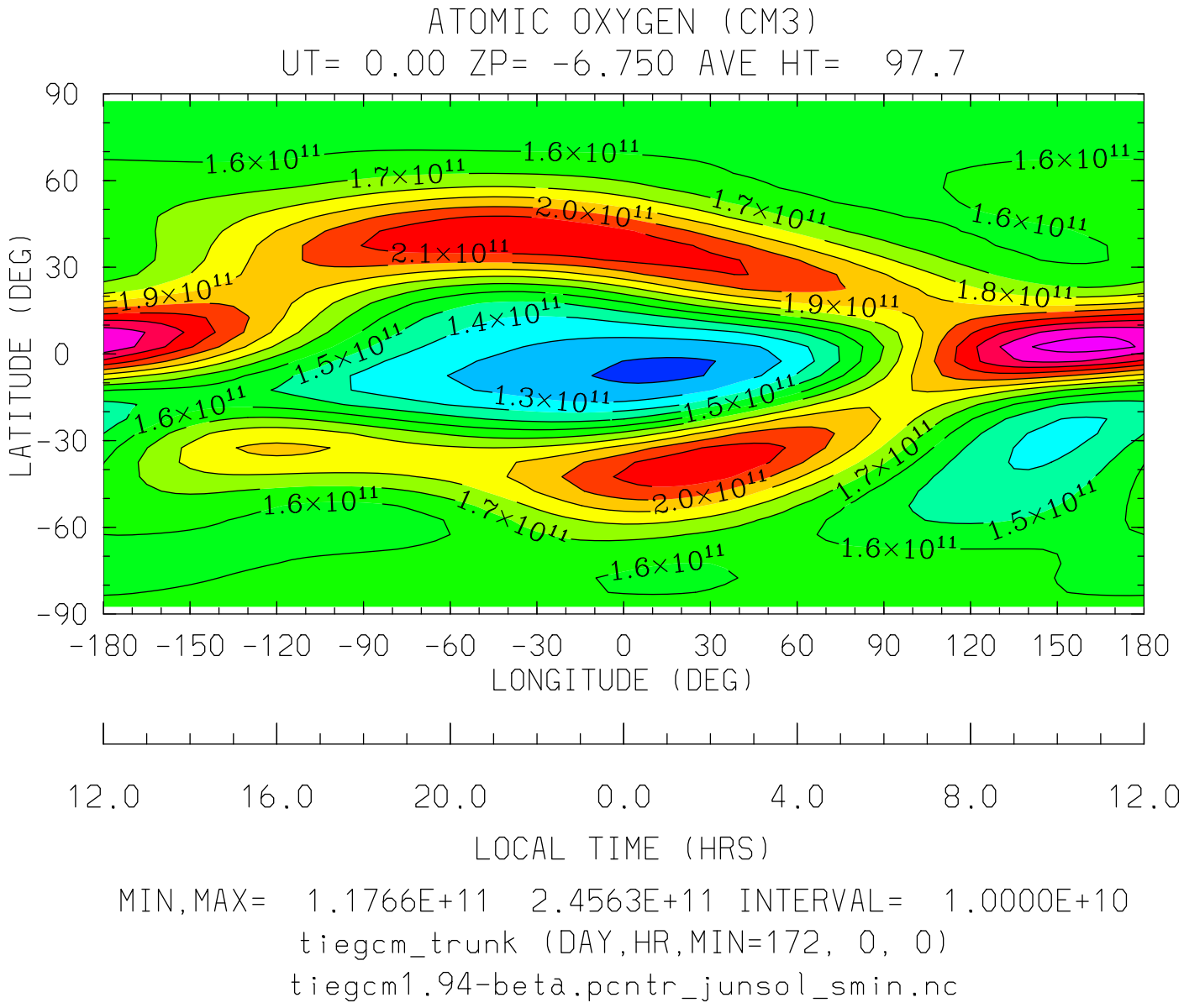
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 3.6905E+06 1.9955E+07 INTERVAL= 1.0000E+06

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

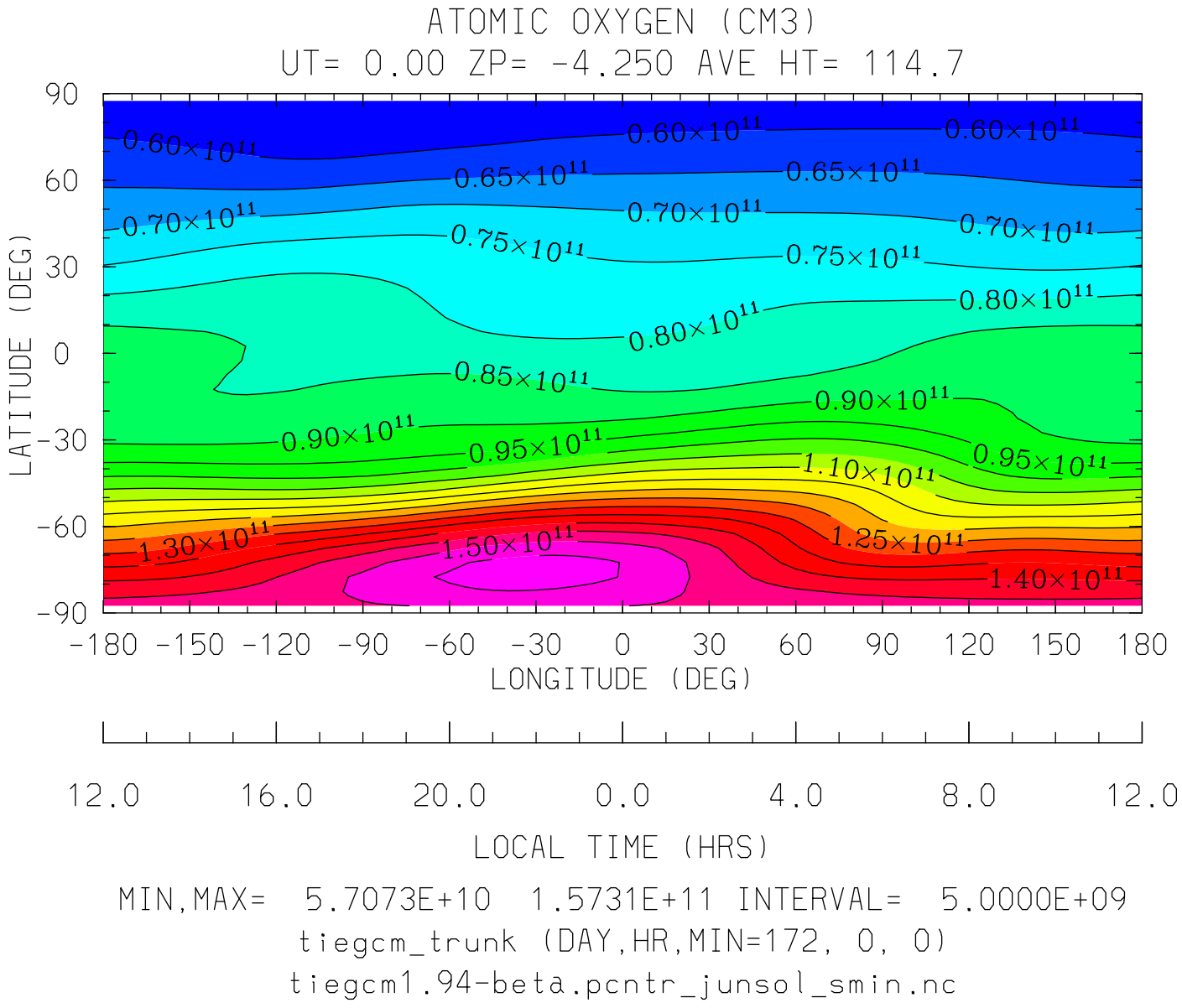
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.1766E+11 2.4563E+11 INTERVAL= 1.0000E+10

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

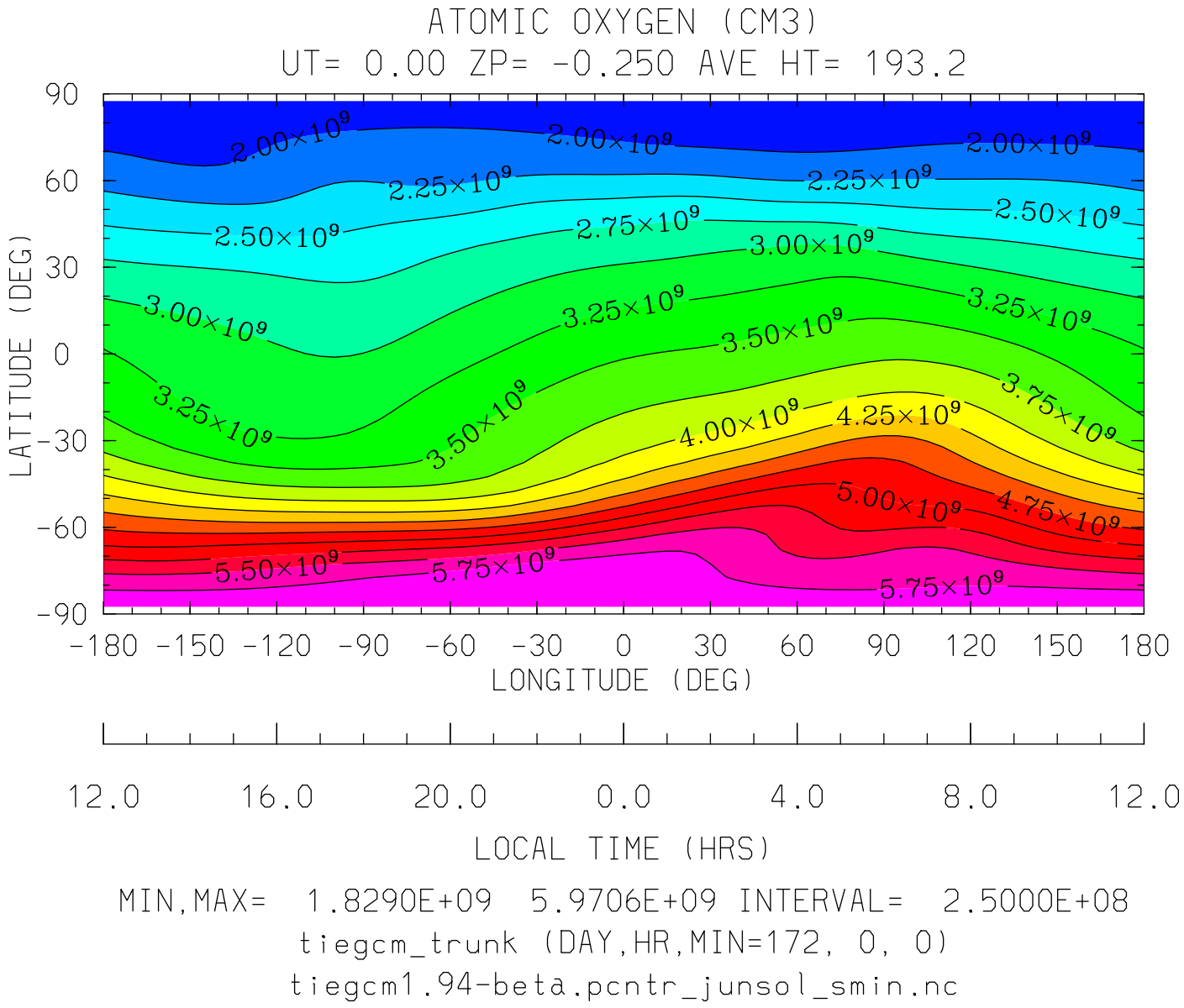
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 5.7073E+10 1.5731E+11 INTERVAL= 5.0000E+09

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

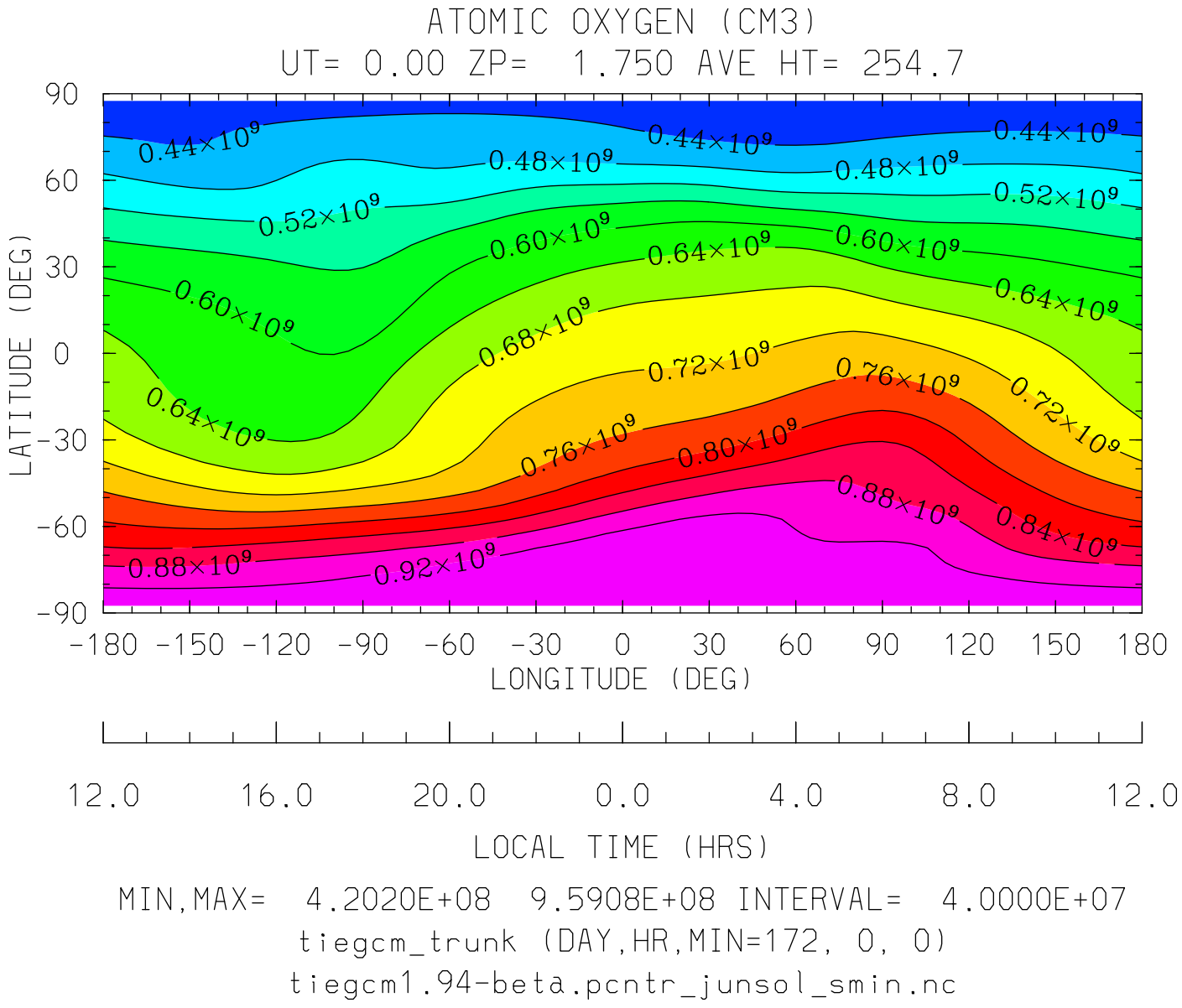
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.8290E+09 5.9706E+09 INTERVAL= 2.5000E+08

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

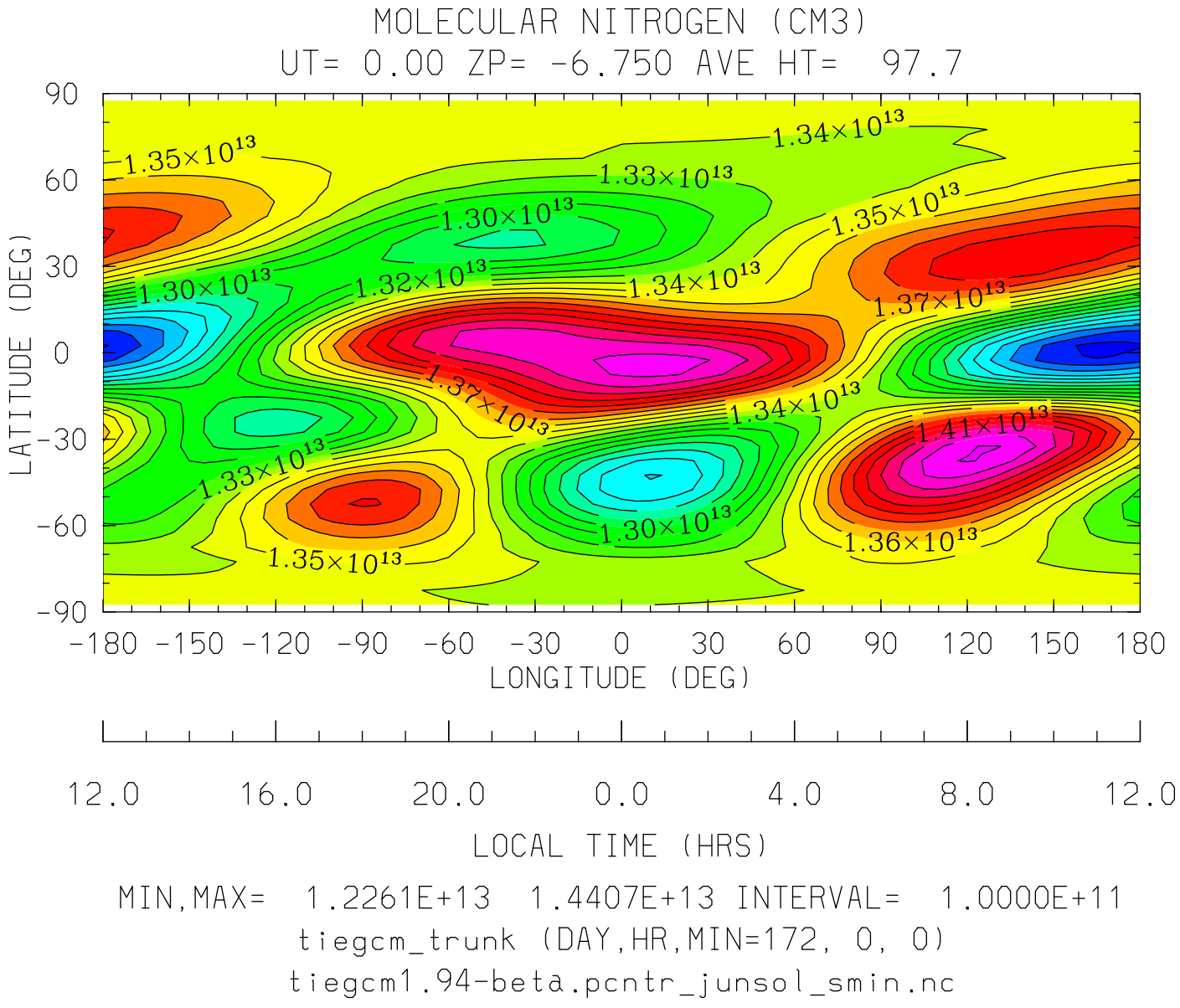
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 4.2020E+08 9.5908E+08 INTERVAL= 4.0000E+07

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

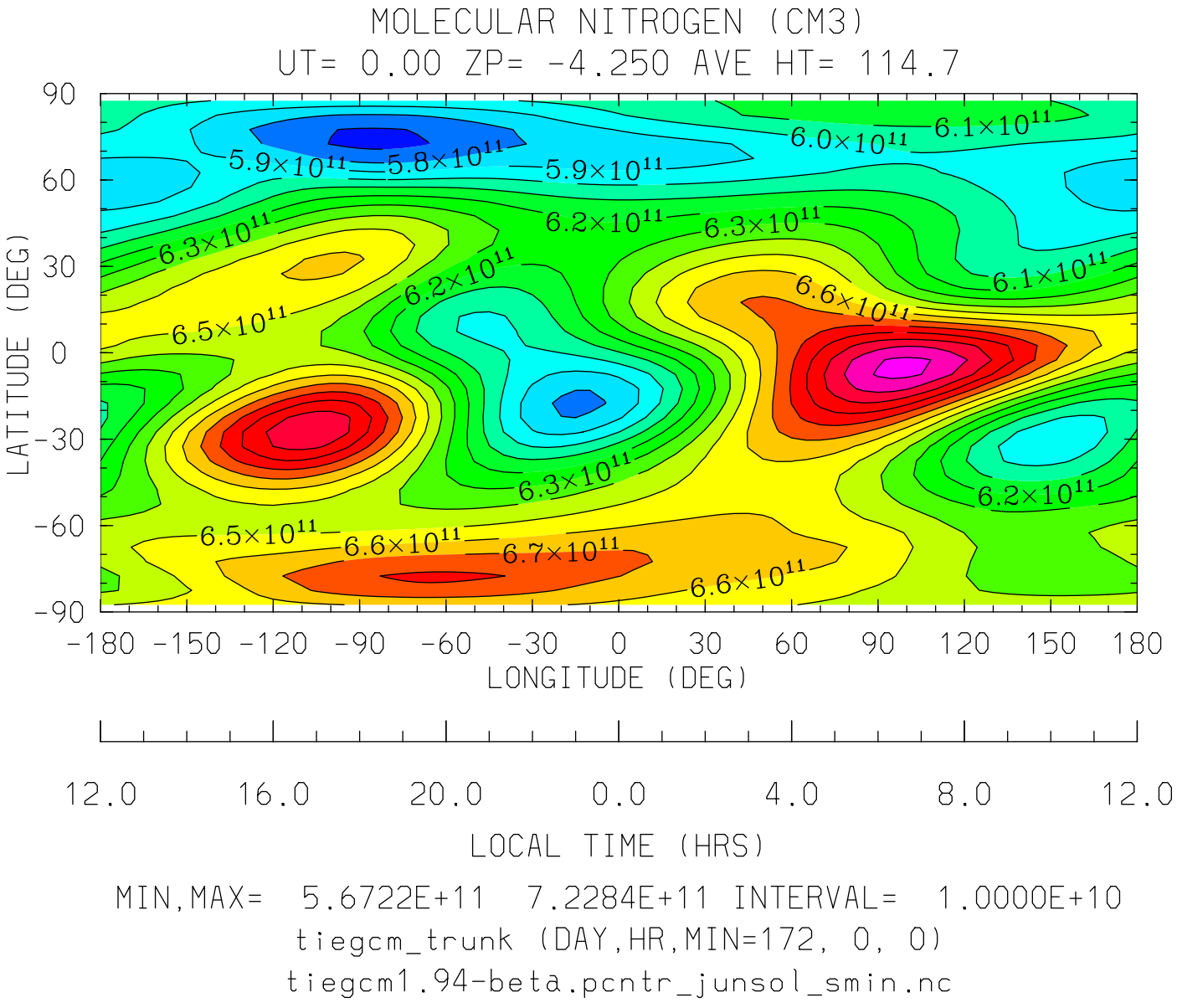
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.2261E+13 1.4407E+13 INTERVAL= 1.0000E+11

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

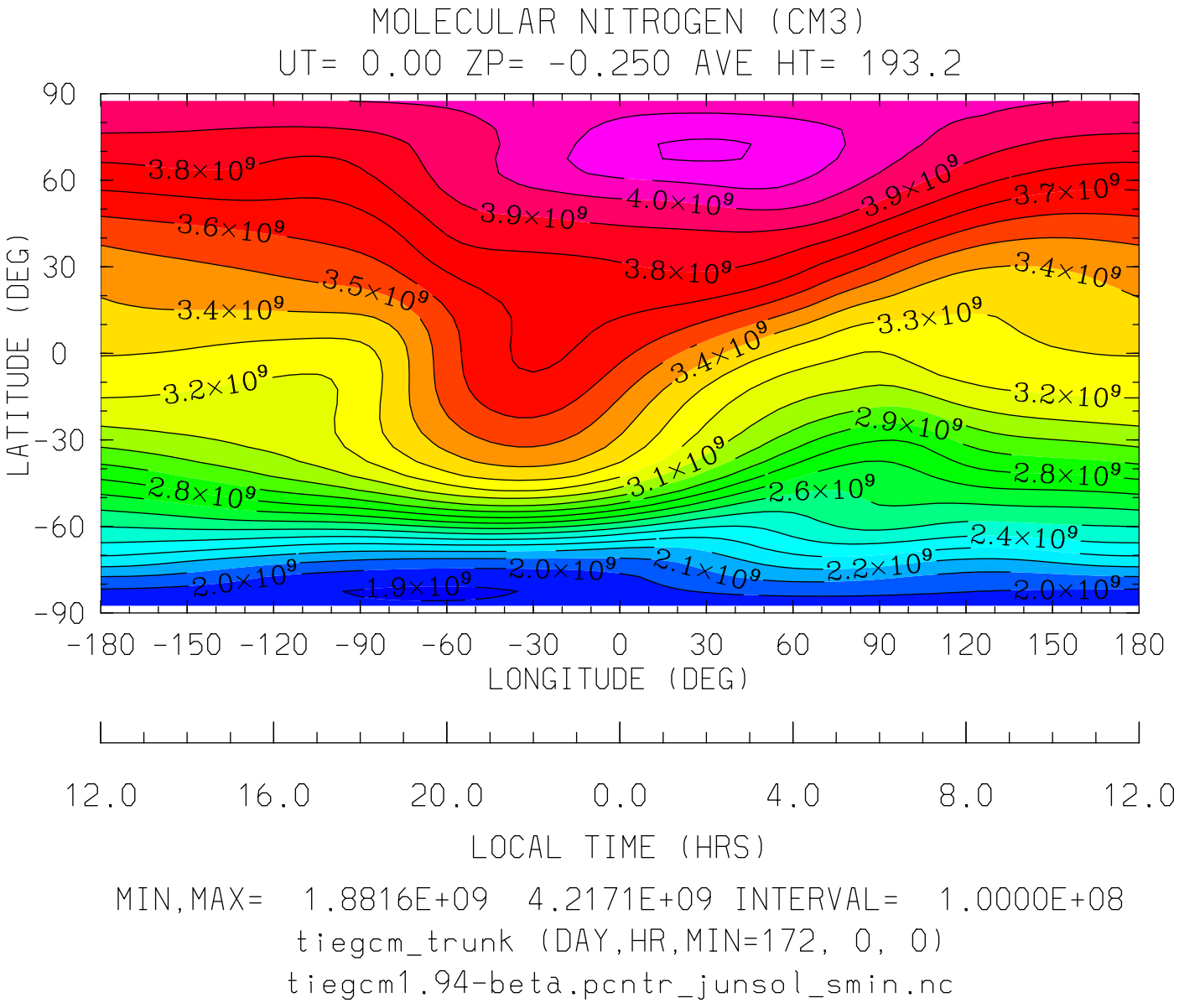
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 5.6722E+11 7.2284E+11 INTERVAL= 1.0000E+10

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

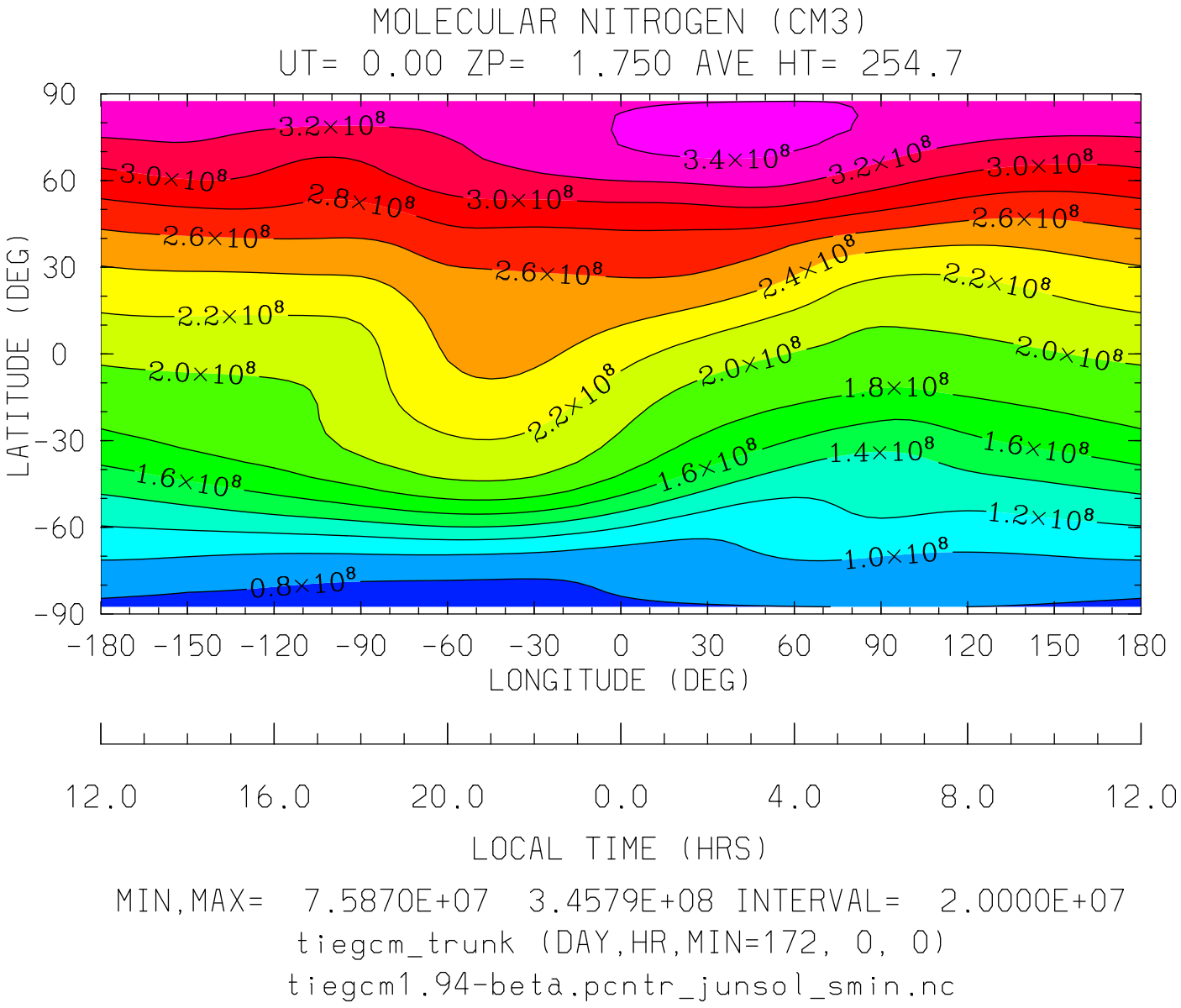
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.8816E+09 4.2171E+09 INTERVAL= 1.0000E+08

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

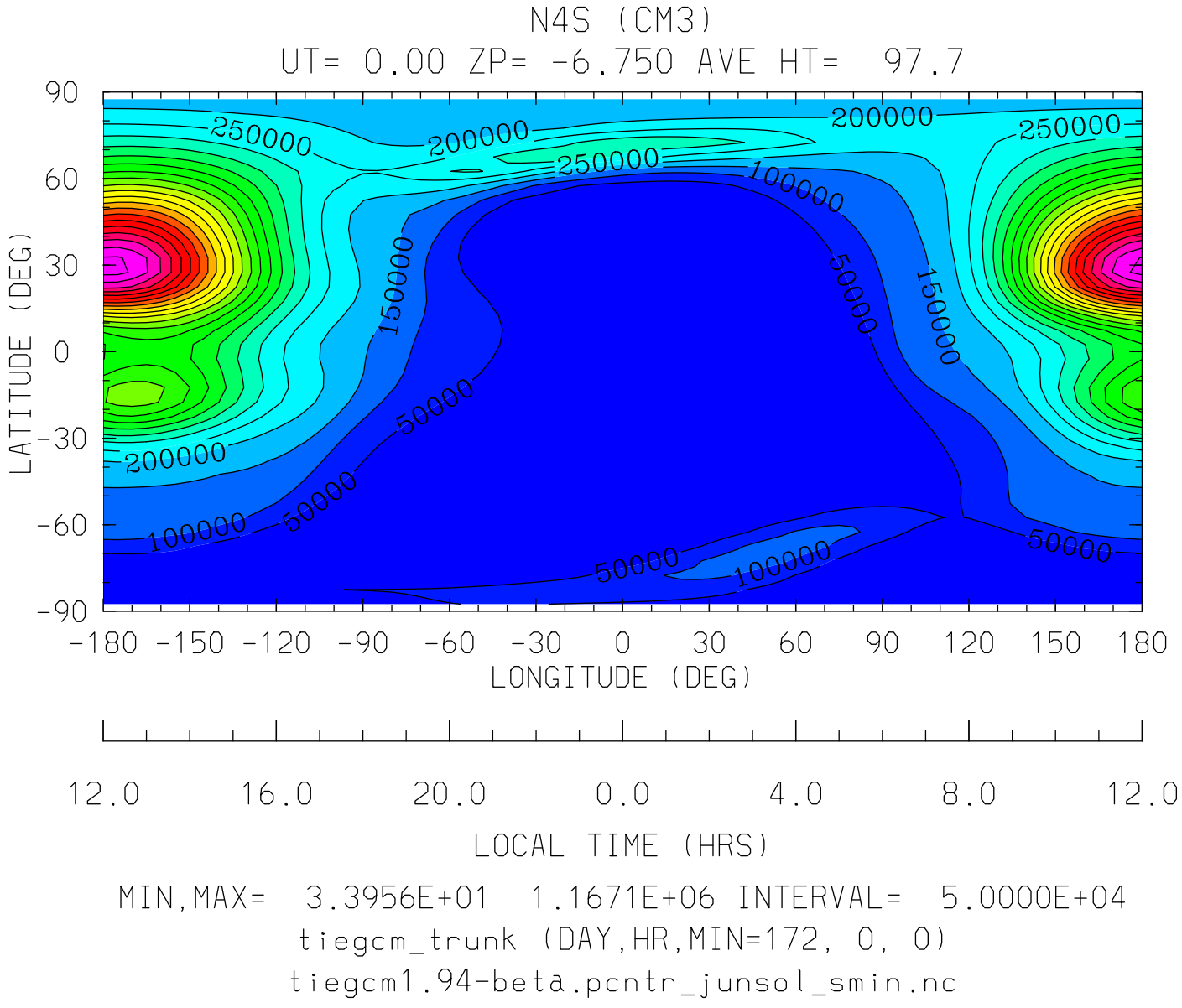
tiegcm1.94-beta.pcntr_junsol_smin.nc

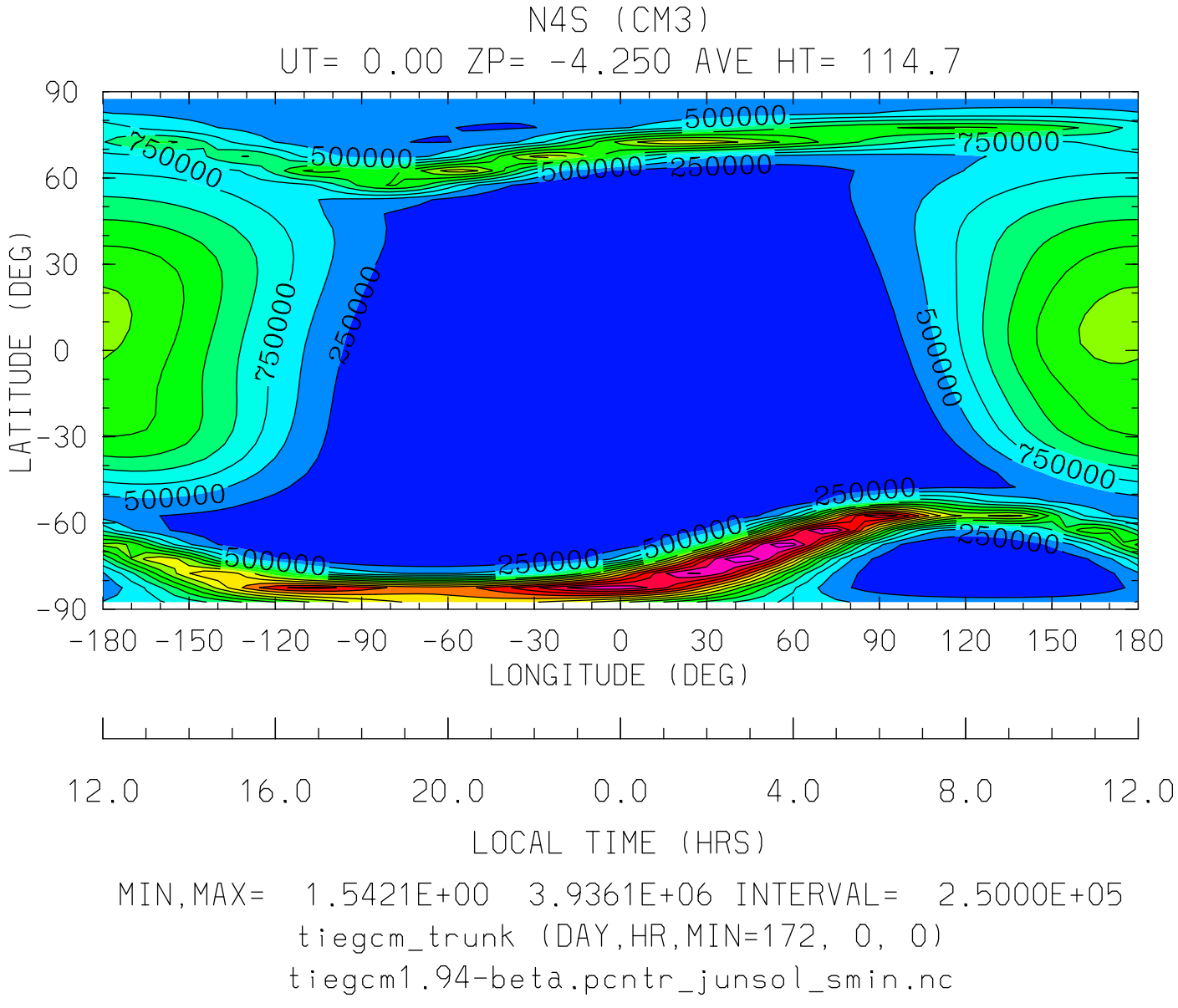


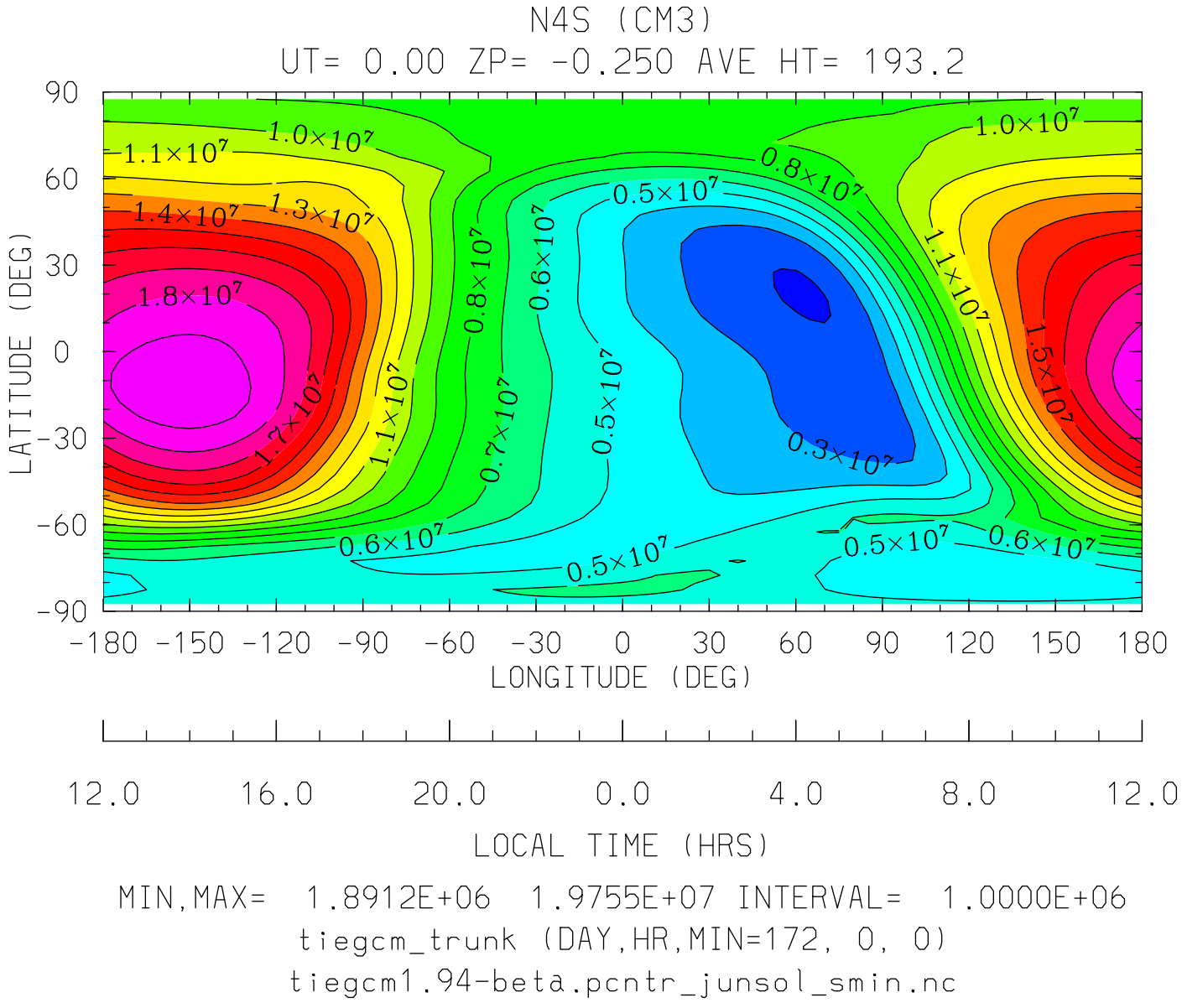
MIN,MAX= 7.5870E+07 3.4579E+08 INTERVAL= 2.0000E+07

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc


N4S (CM3)
UT= 0.00 ZP= -6.750 AVE HT= 97.7
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
250000
200000
250000
200000
100000
150000
50000
150000
50000
200000
50000
100000
50000
100000
50000
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.3956E+01 1.1671E+06 INTERVAL= 5.0000E+04
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

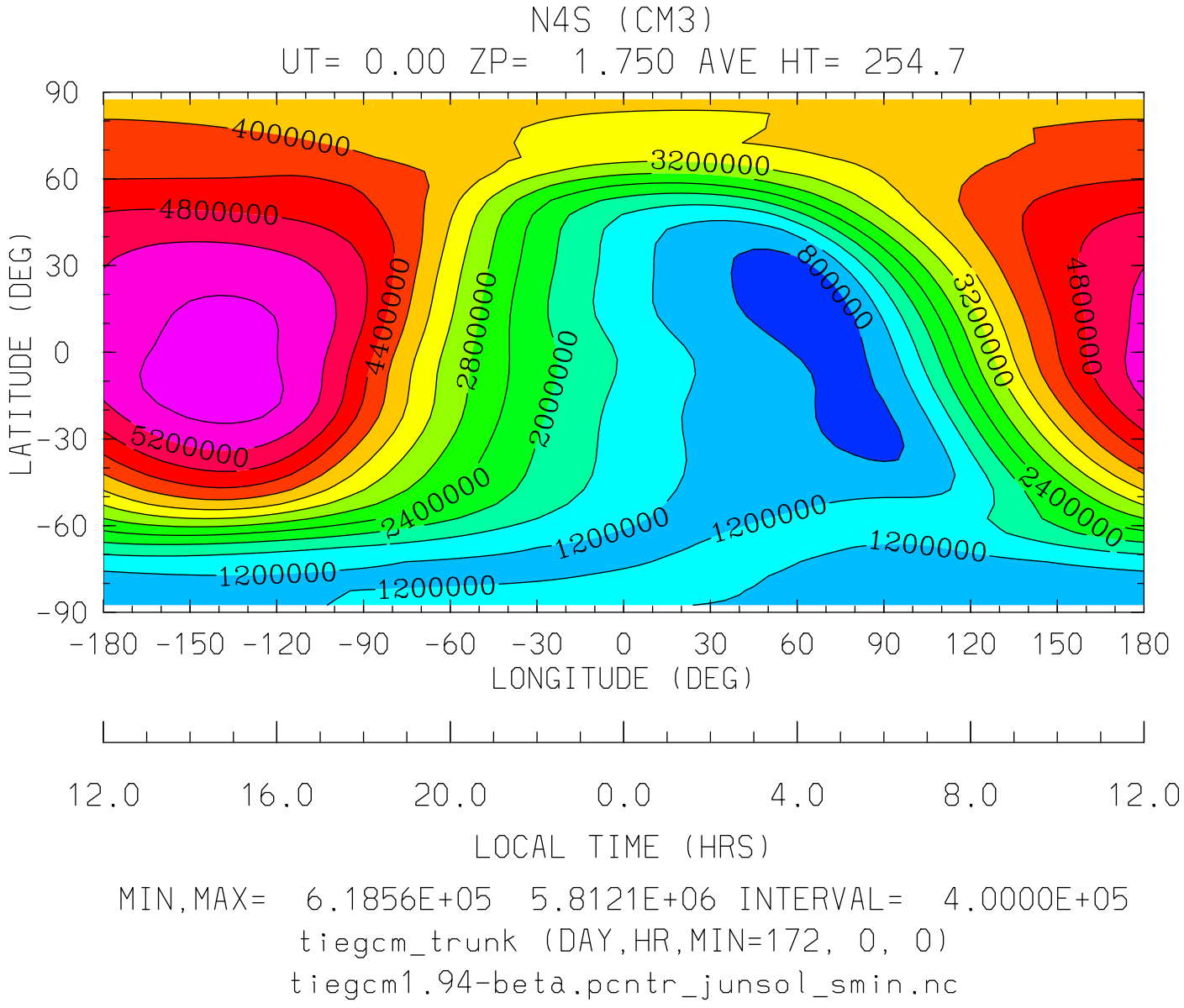

N4S (CM3)
UT= 0.00 ZP= -4.250 AVE HT= 114.7
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.5421E+00 3.9361E+06 INTERVAL= 2.5000E+05
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.8912E+06 1.9755E+07 INTERVAL= 1.0000E+06

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

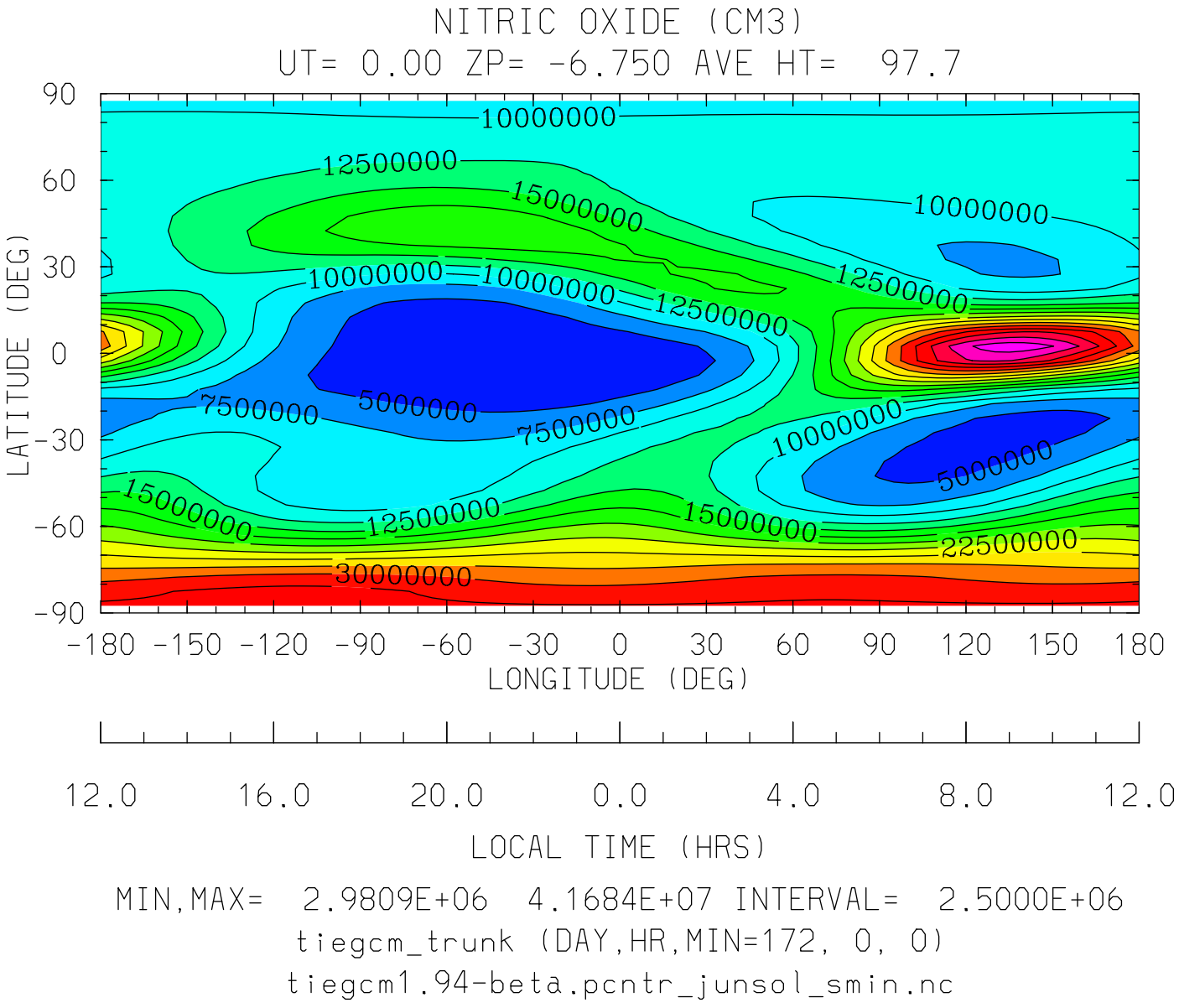
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 6.1856E+05 5.8121E+06 INTERVAL= 4.0000E+05

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

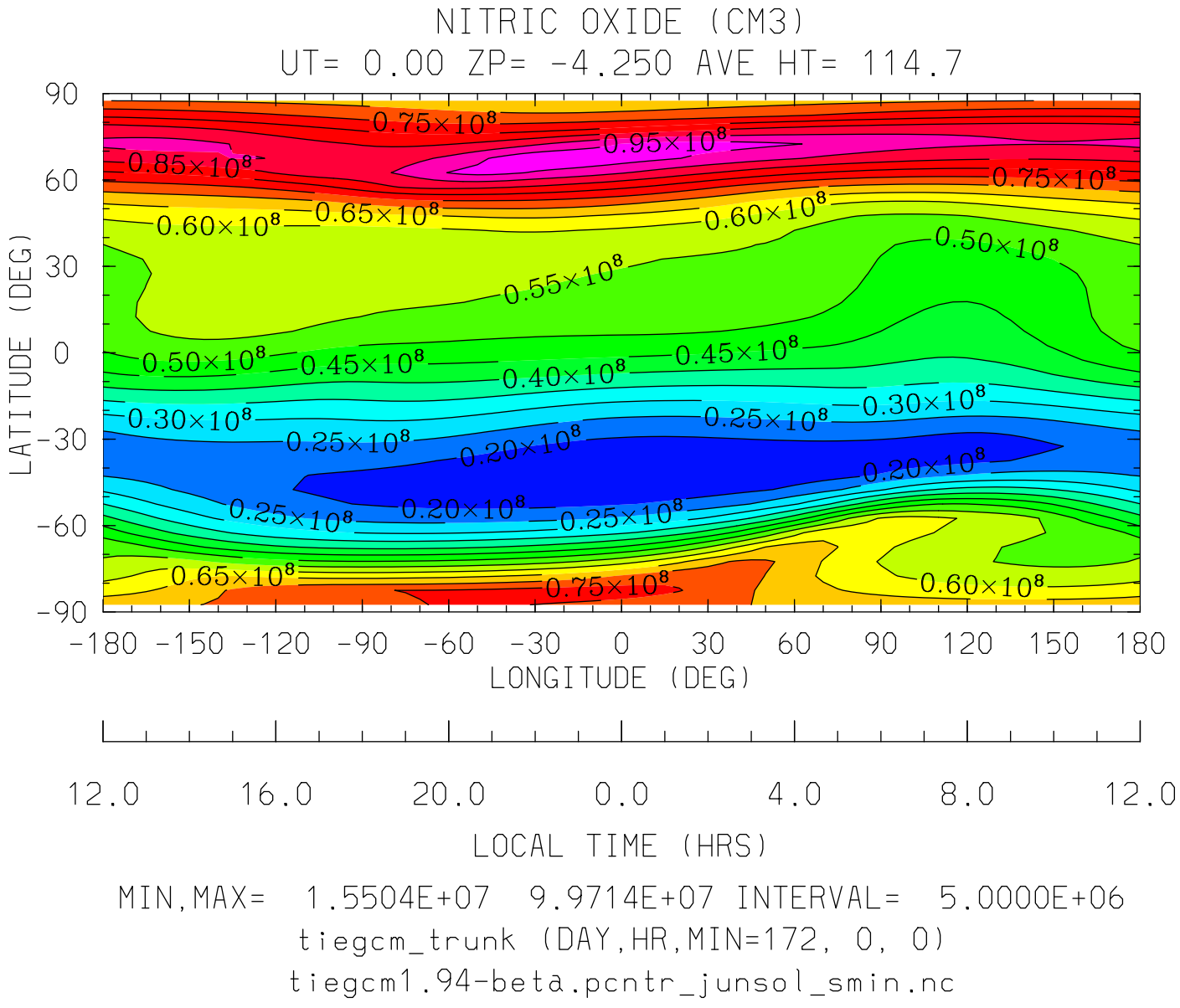
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 2.9809E+06 4.1684E+07 INTERVAL= 2.5000E+06

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

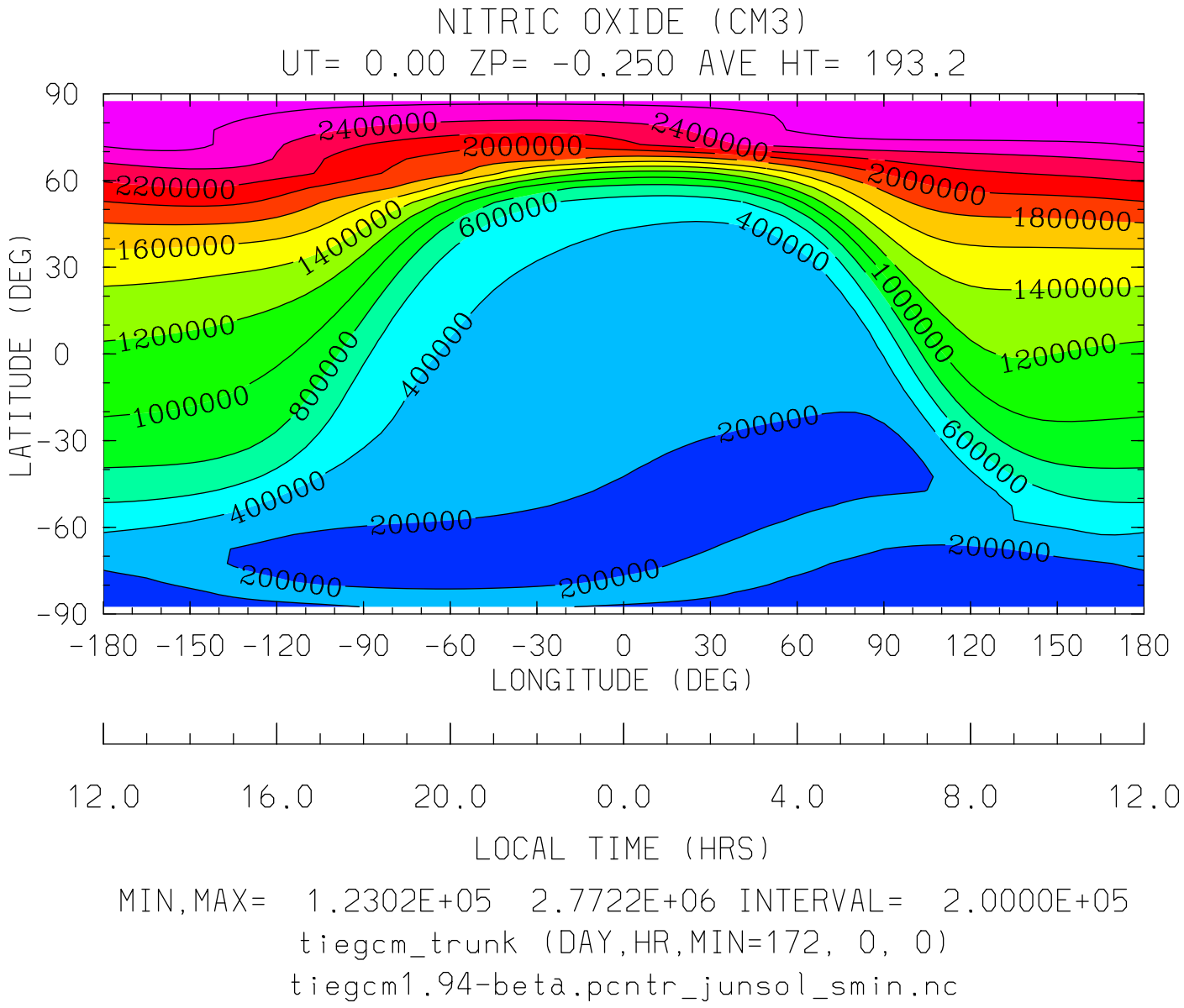
tiegcm1.94-beta.pcntr_junsol_smin.nc

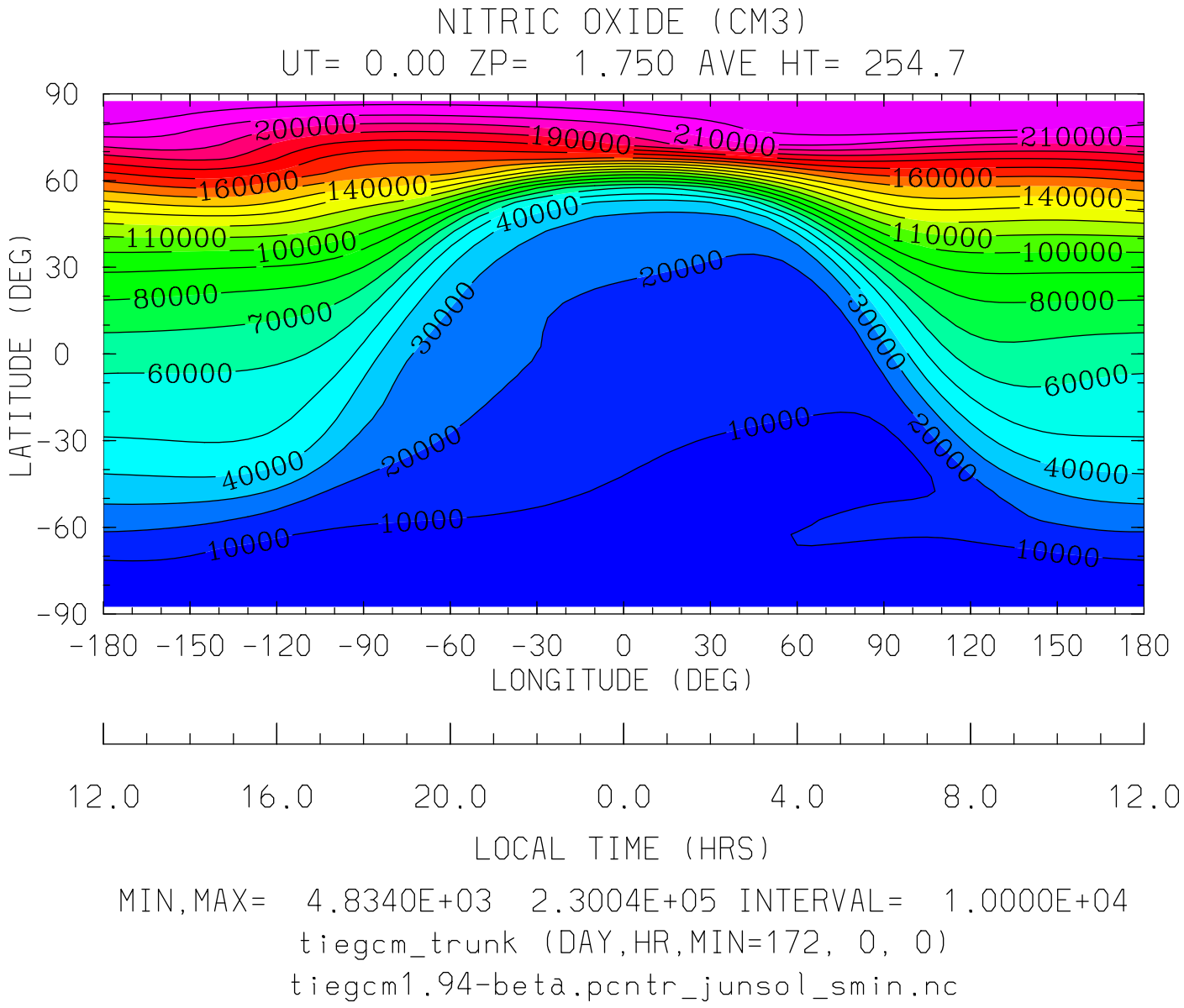


MIN,MAX= 1.5504E+07 9.9714E+07 INTERVAL= 5.0000E+06

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc

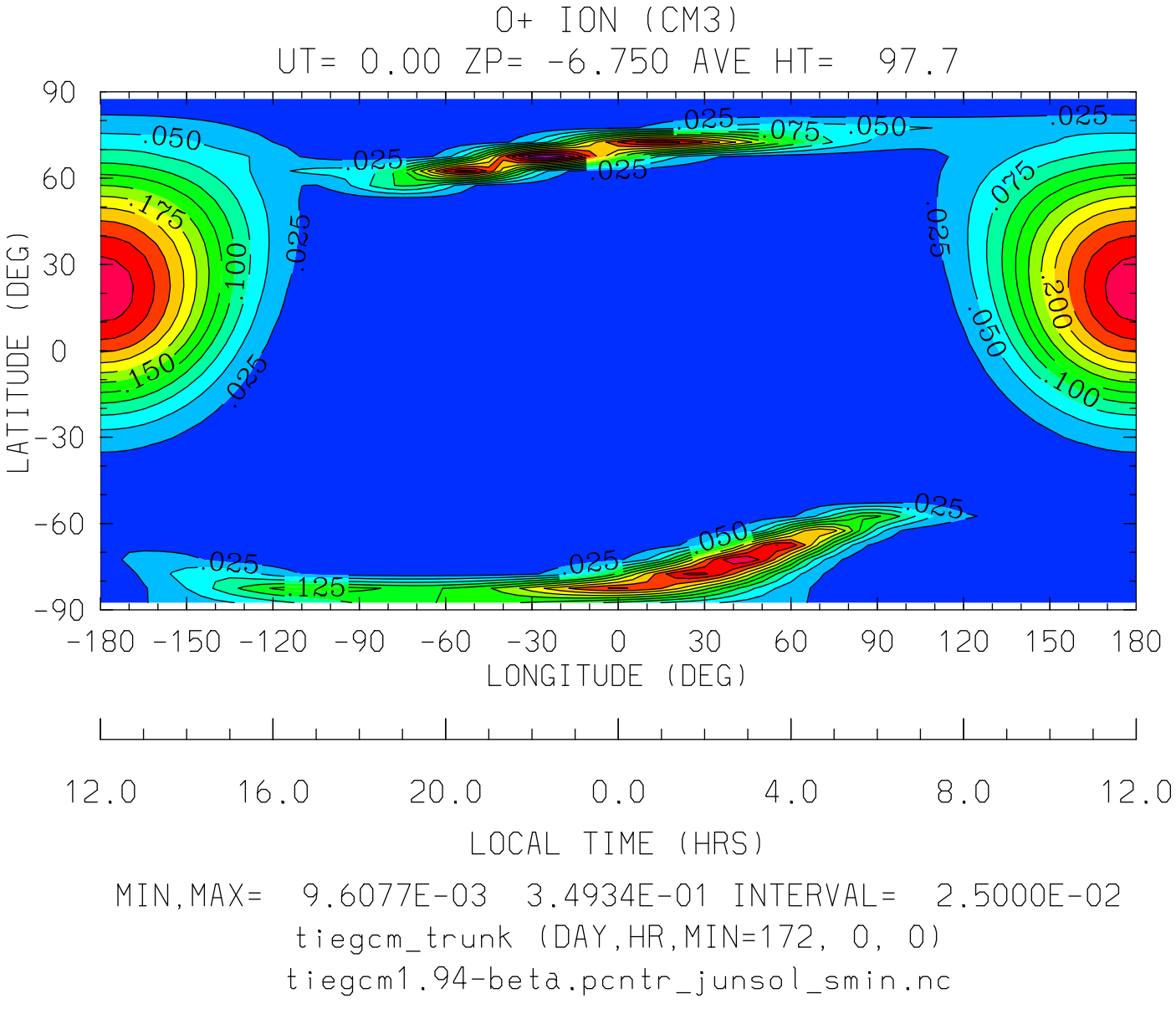

NITRIC OXIDE (CM3)
UT= 0.00 ZP= -0.250 AVE HT= 193.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
2400000
2200000
2000000
1800000
1600000
1400000
1200000
1000000
800000
600000
400000
200000
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.2302E+05 2.7722E+06 INTERVAL= 2.0000E+05
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

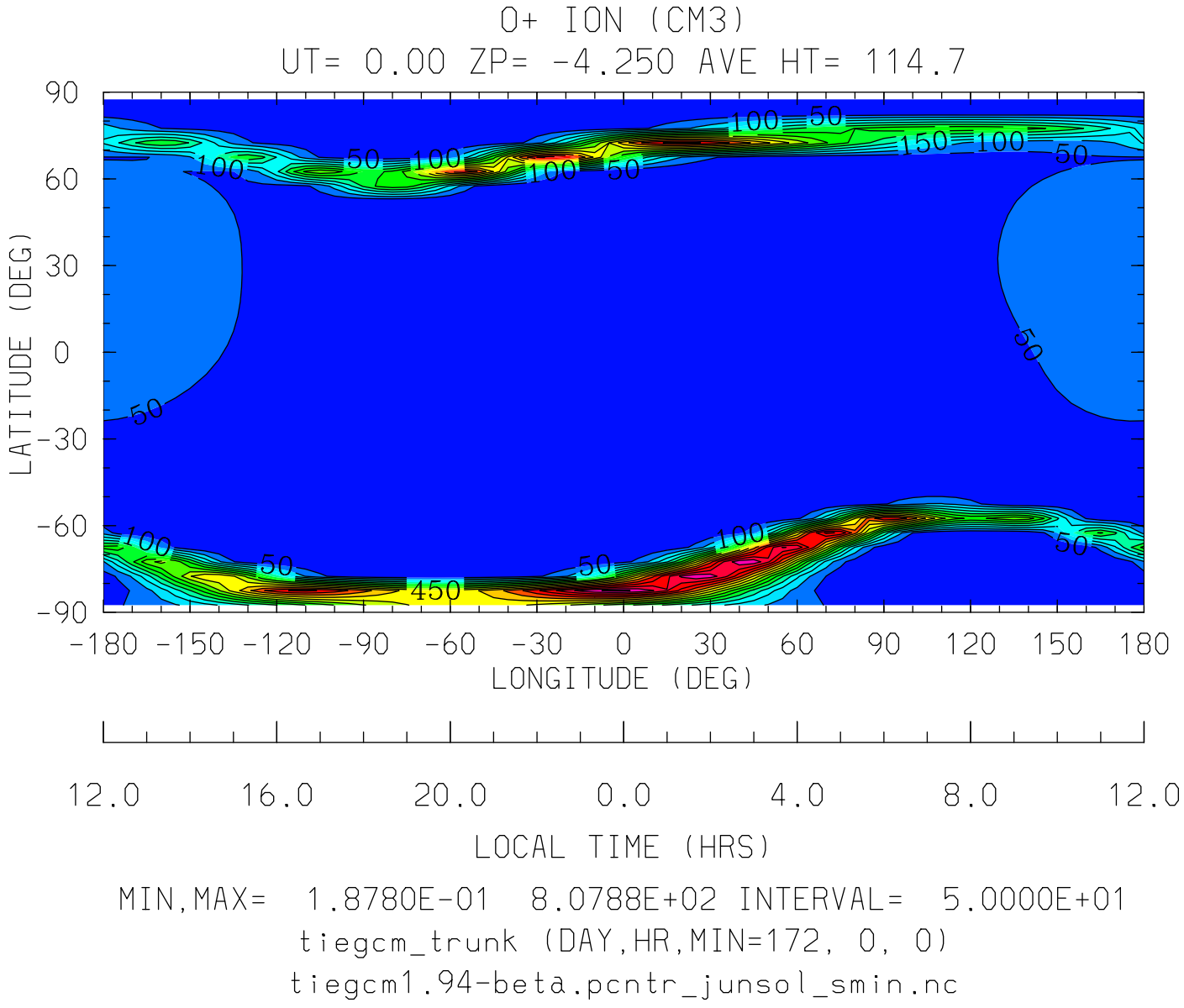


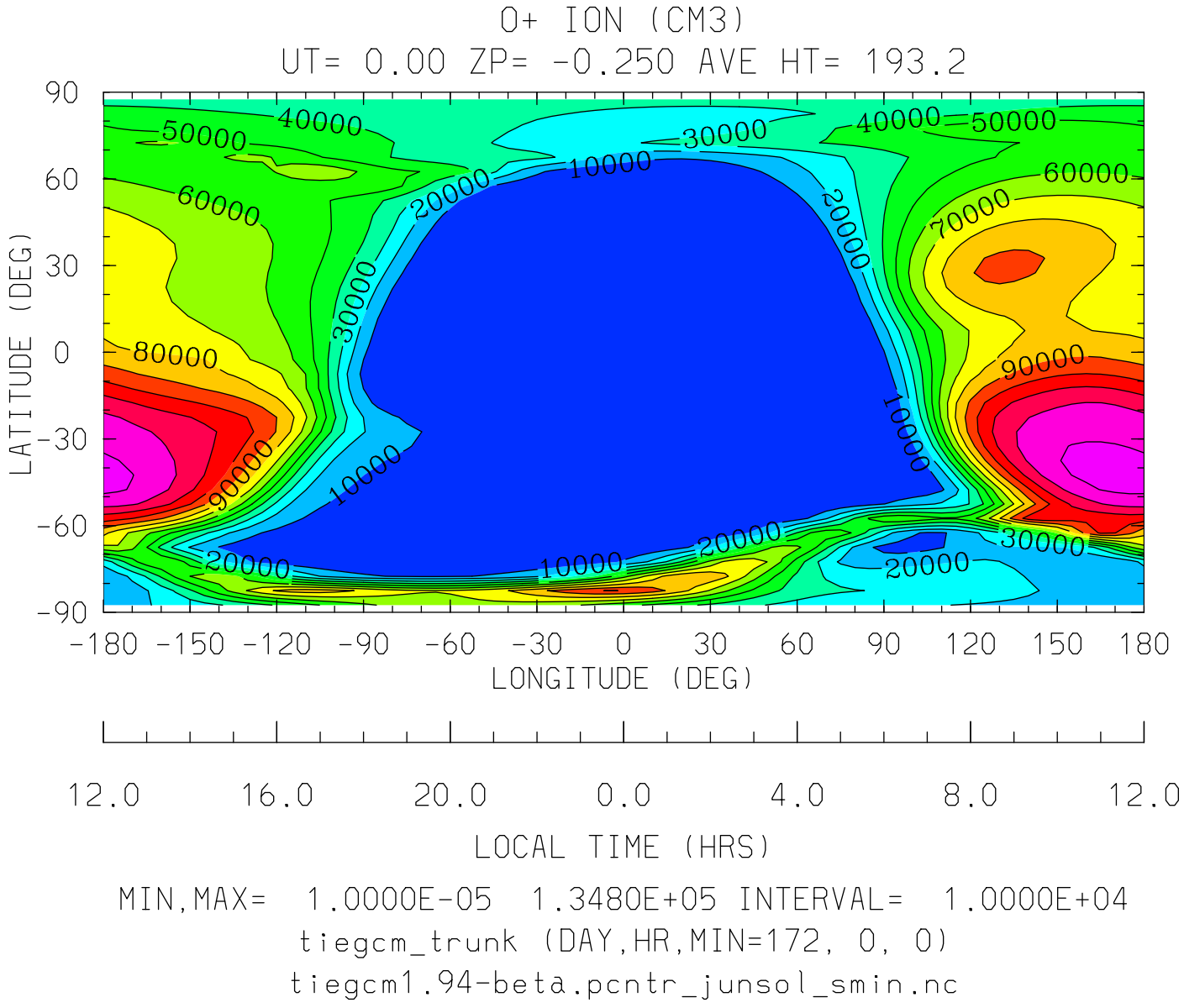
MIN,MAX= 4.8340E+03 2.3004E+05 INTERVAL= 1.0000E+04

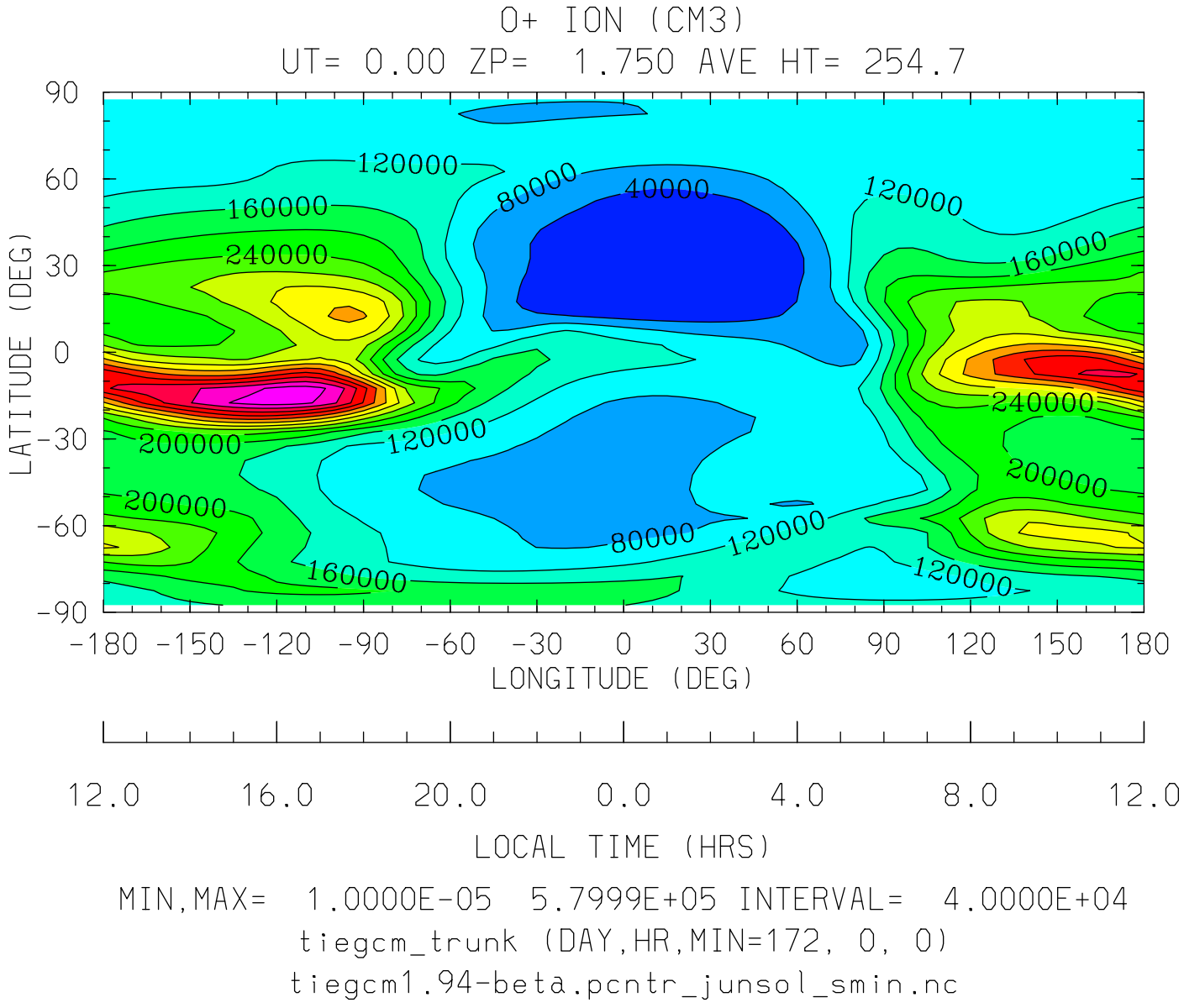
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc


O+ ION (CM3)
UT= 0.00 ZP= -6.750 AVE HT= 97.7
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 9.6077E-03 3.4934E-01 INTERVAL= 2.5000E-02
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


O+ ION (CM3)
UT= 0.00 ZP= -4.250 AVE HT= 114.7
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.8780E-01 8.0788E+02 INTERVAL= 5.0000E+01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

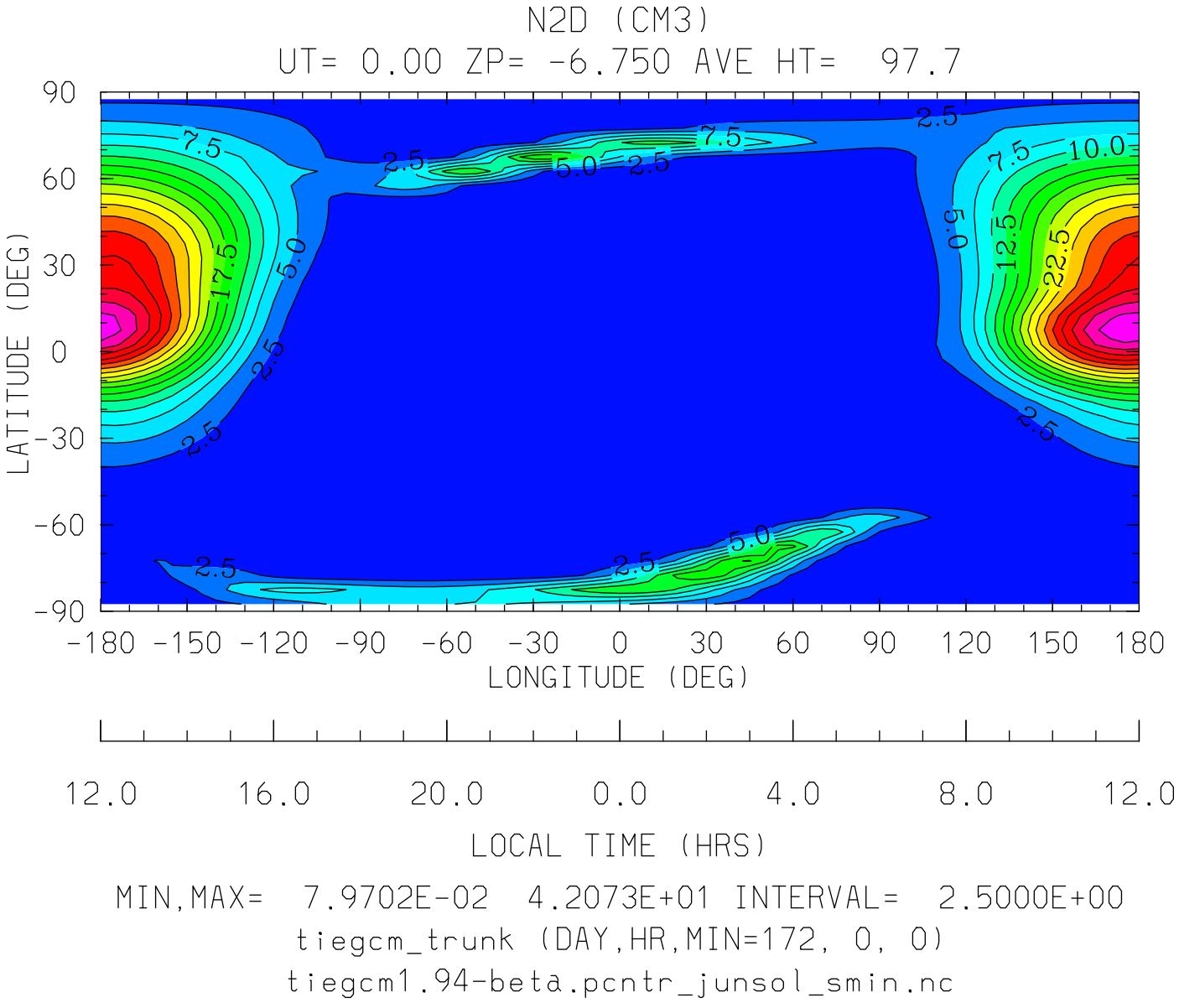

O+ ION (CM3)
UT= 0.00 ZP= -0.250 AVE HT= 193.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
40000
50000
60000
80000
90000
20000
10000
30000
70000
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.0000E-05 1.3480E+05 INTERVAL= 1.0000E+04
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

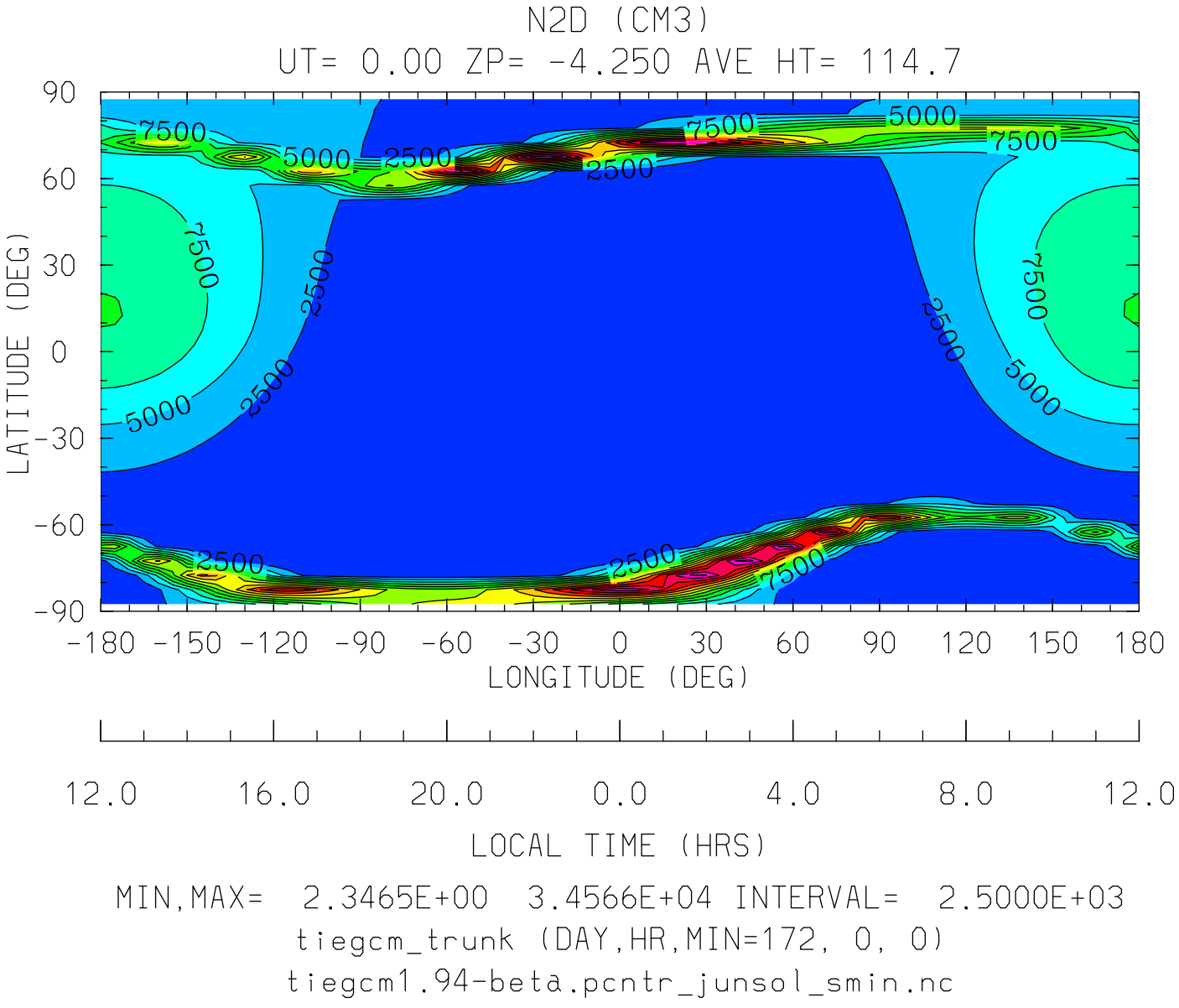


MIN,MAX= 1.0000E-05 5.7999E+05 INTERVAL= 4.0000E+04

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc

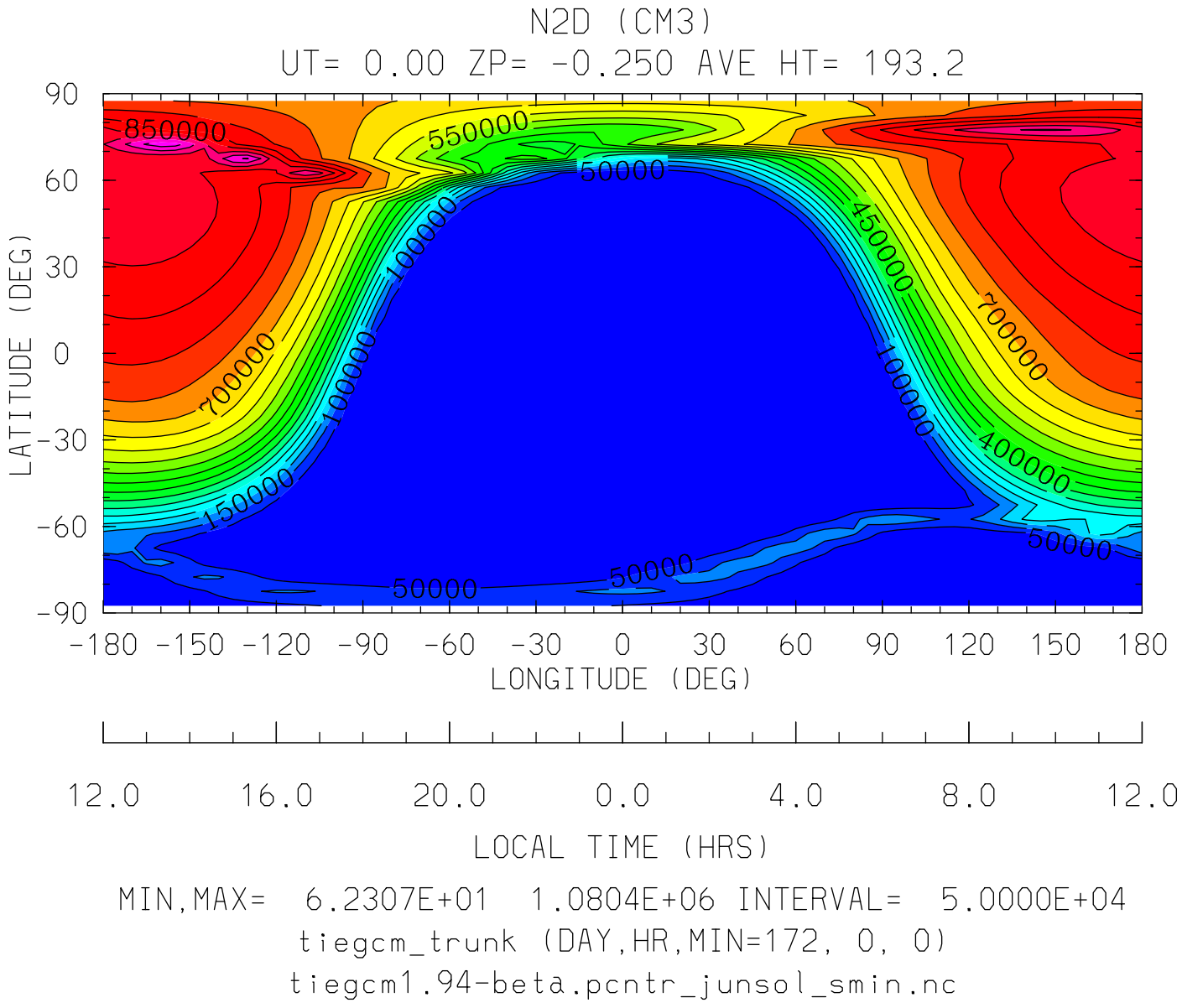

N2D (CM3)
UT= 0.00 ZP= -6.750 AVE HT= 97.7
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 7.9702E-02 4.2073E+01 INTERVAL= 2.5000E+00
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

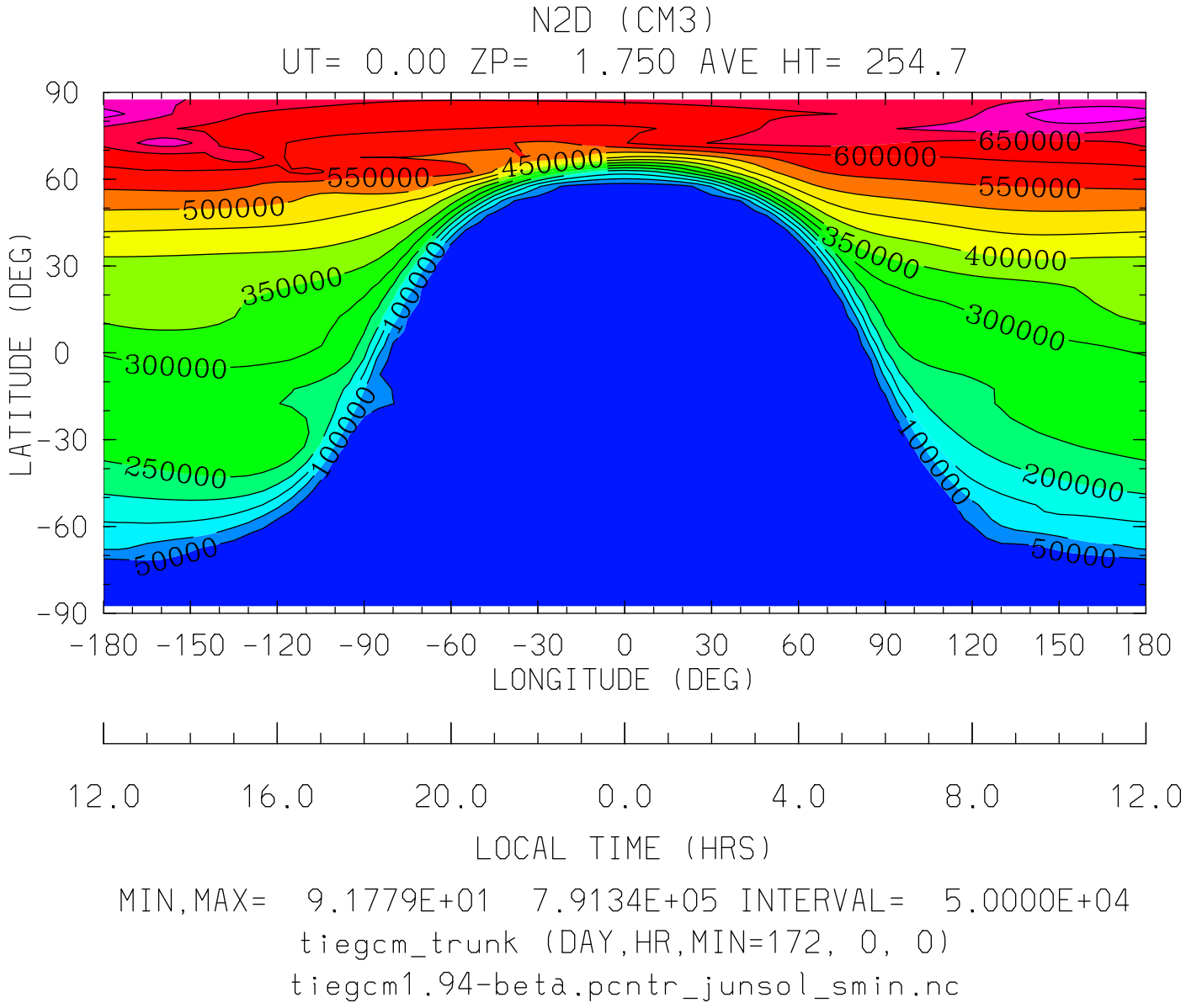


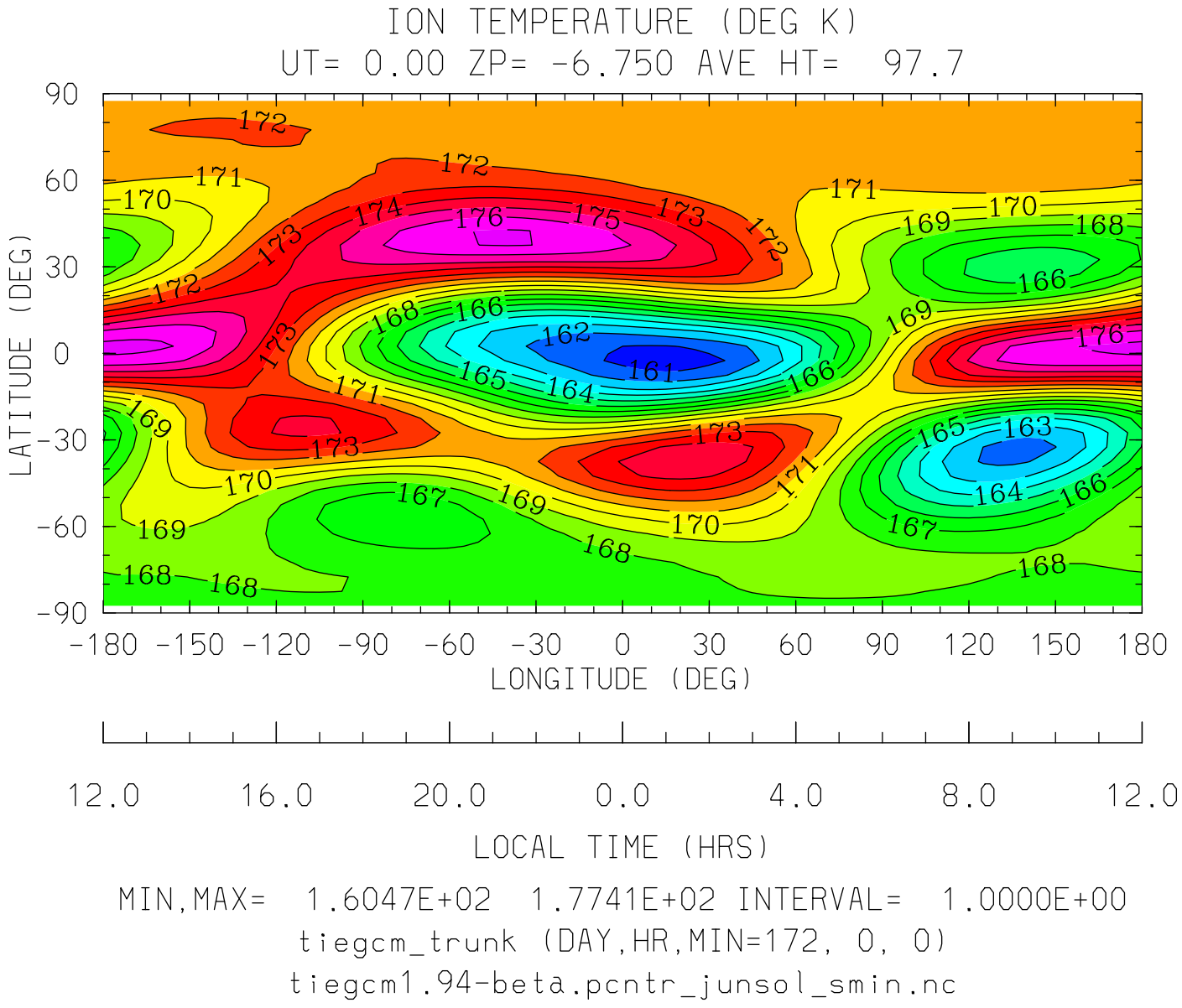
MIN,MAX= 2.3465E+00 3.4566E+04 INTERVAL= 2.5000E+03

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc


N2D (CM3)
UT= 0.00 ZP= -0.250 AVE HT= 193.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
850000
550000
50000
450000
700000
100000
150000
400000
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 6.2307E+01 1.0804E+06 INTERVAL= 5.0000E+04
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

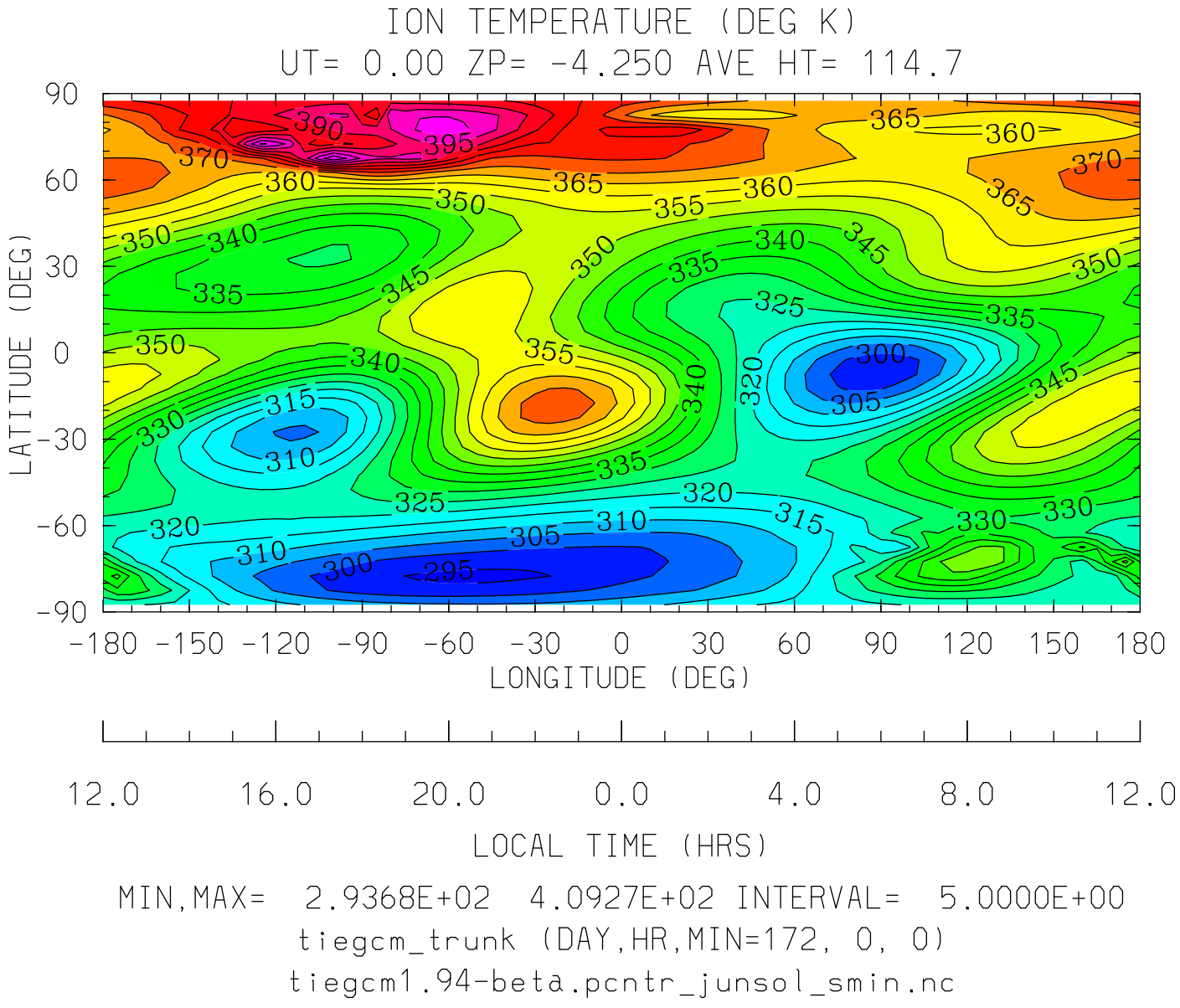

N2D (CM3)
UT= 0.00 ZP= 1.750 AVE HT= 254.7
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
650000
600000
550000
500000
450000
400000
350000
300000
250000
200000
100000
50000
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 9.1779E+01 7.9134E+05 INTERVAL= 5.0000E+04
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

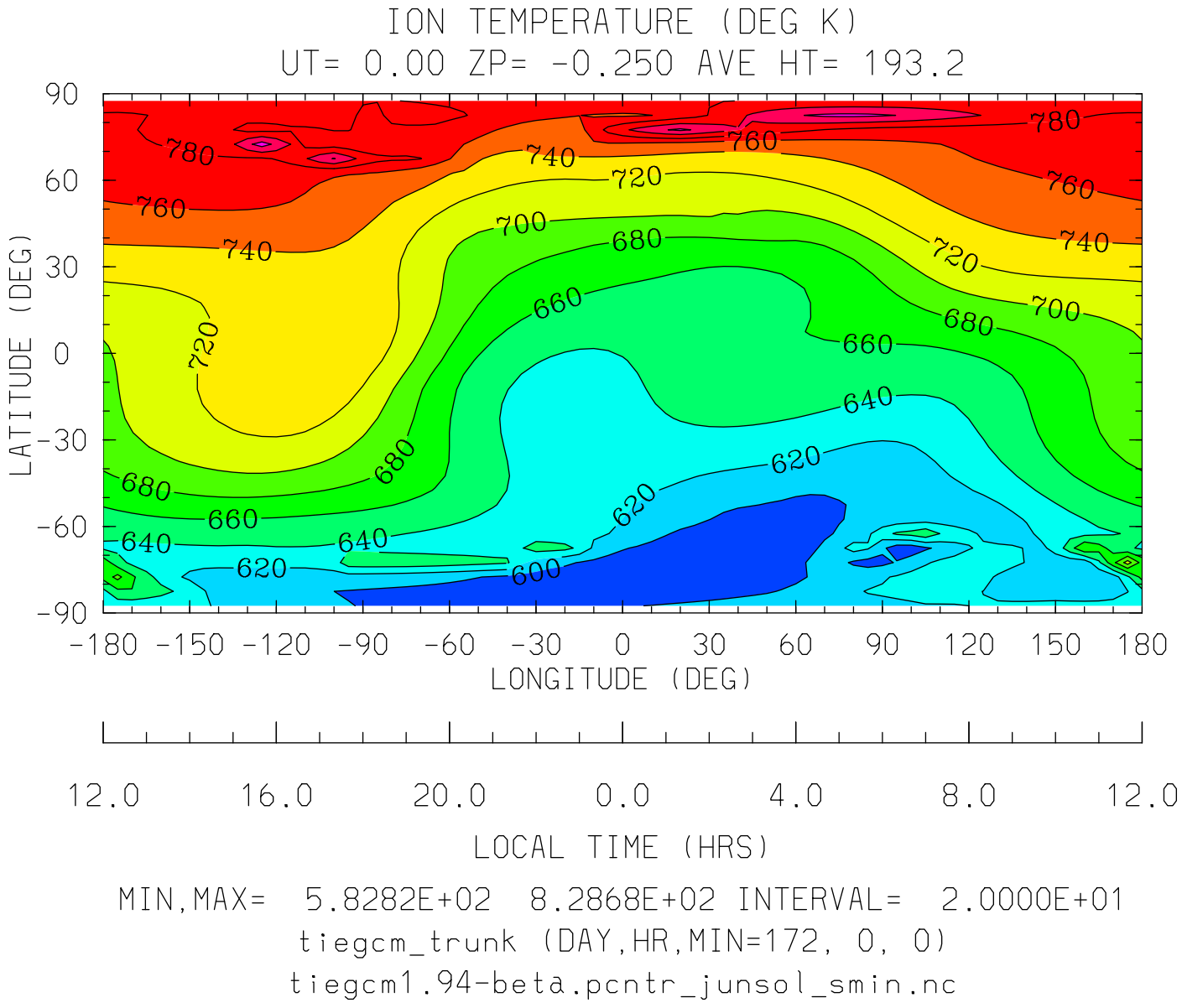


MIN,MAX= 1.6047E+02 1.7741E+02 INTERVAL= 1.0000E+00

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc

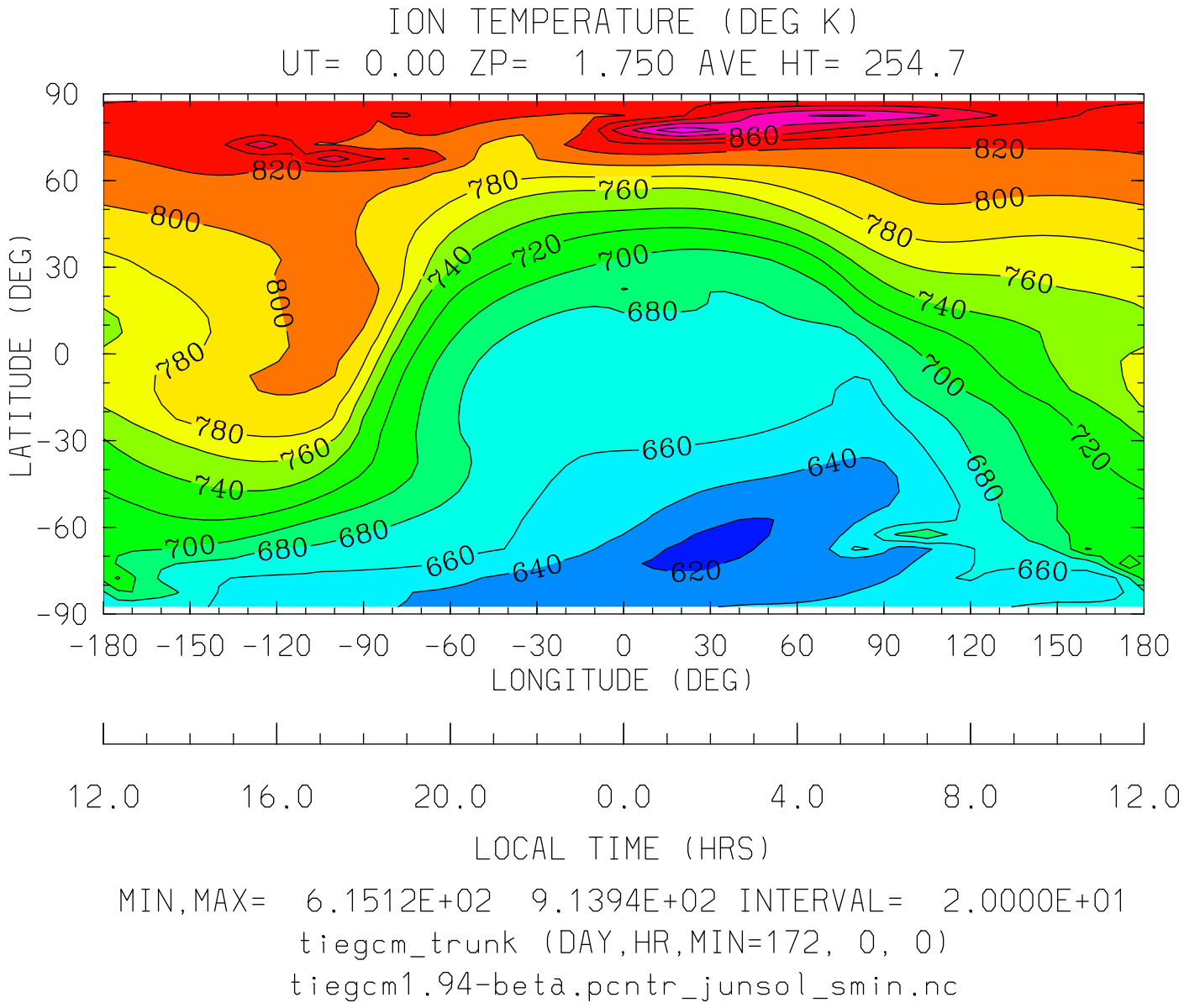

ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.250 AVE HT= 114.7
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 2.9368E+02 4.0927E+02 INTERVAL= 5.0000E+00
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 5.8282E+02 8.2868E+02 INTERVAL= 2.0000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

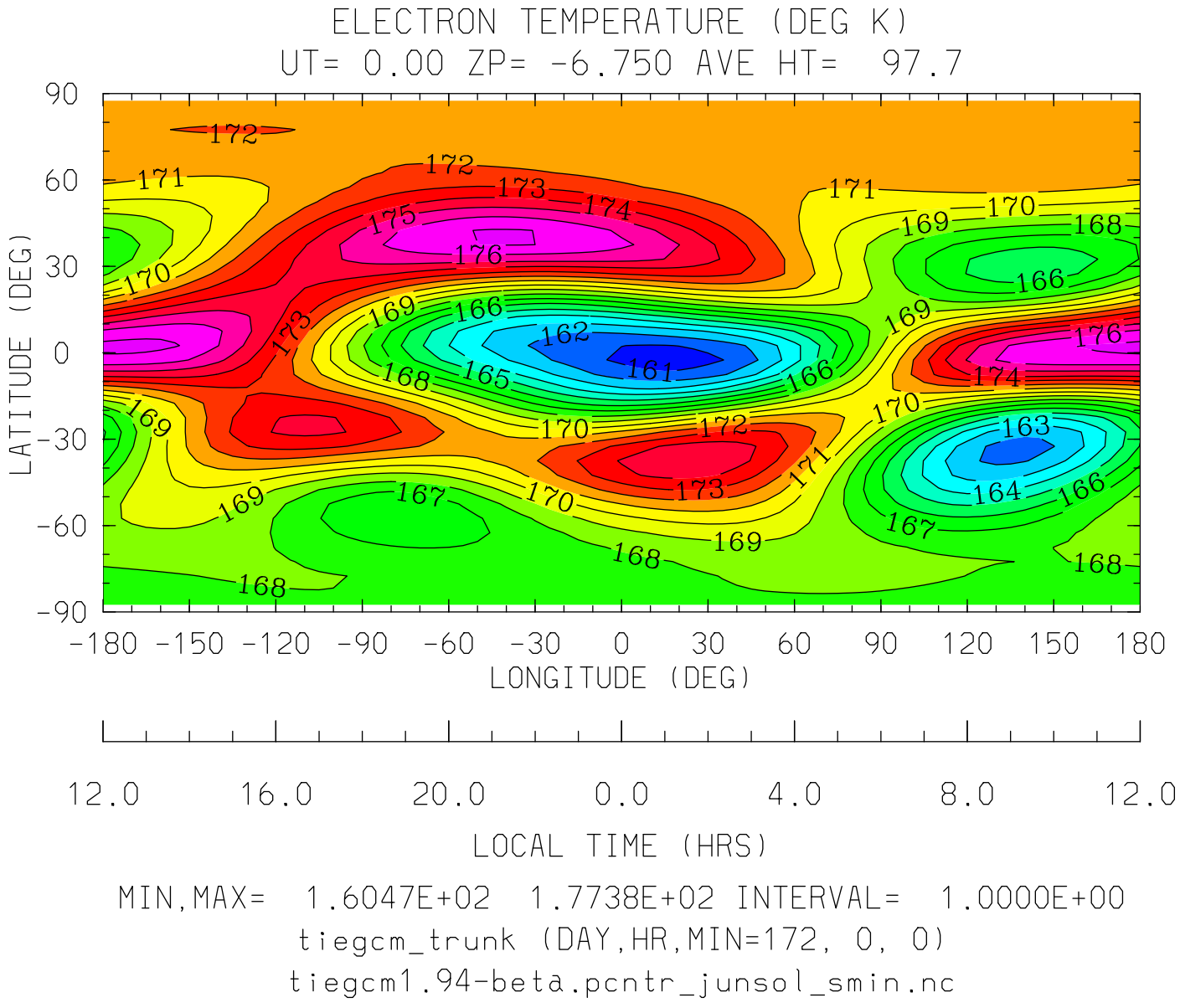
tiegcm1.94-beta.pcntr_junsol_smin.nc

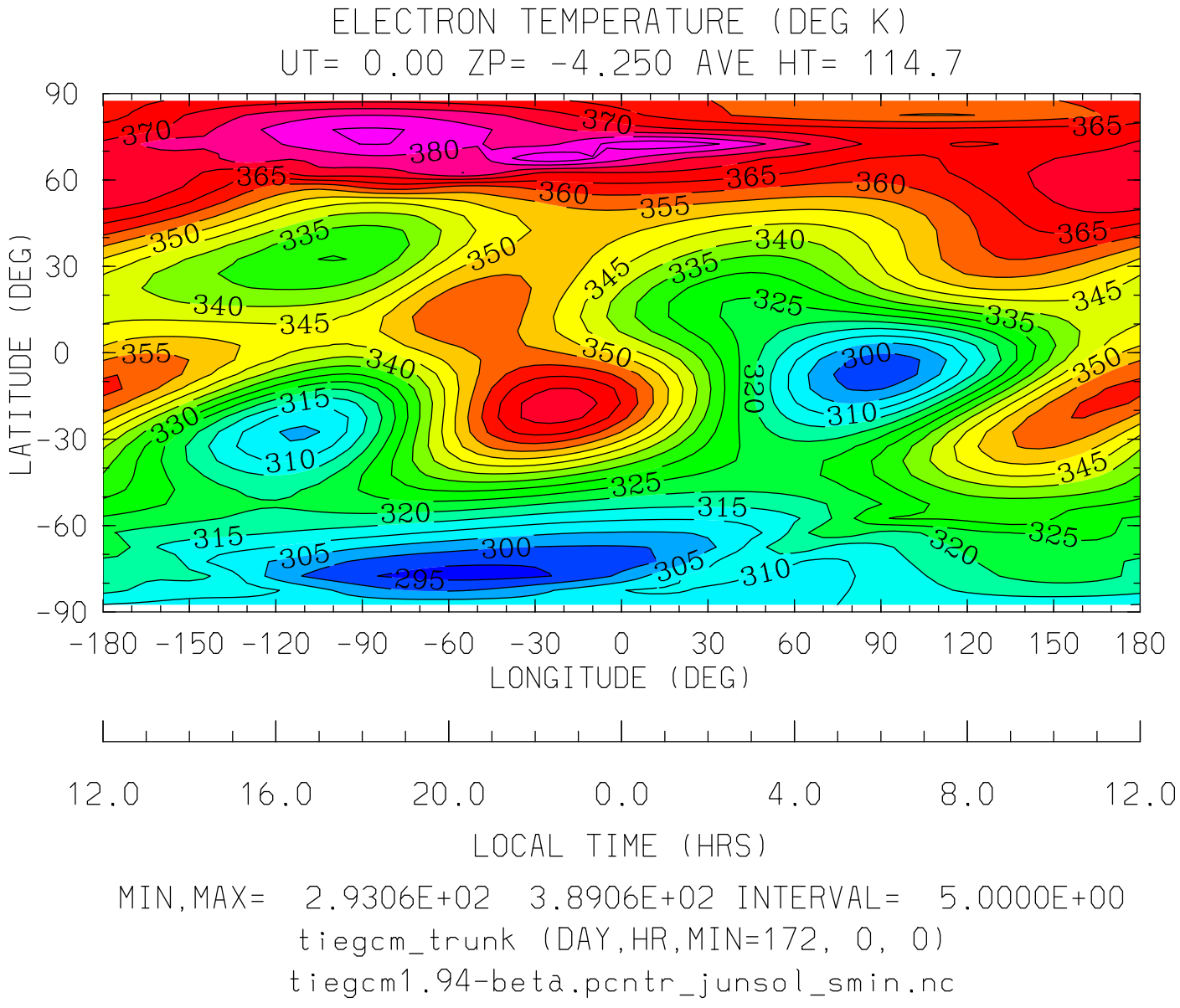


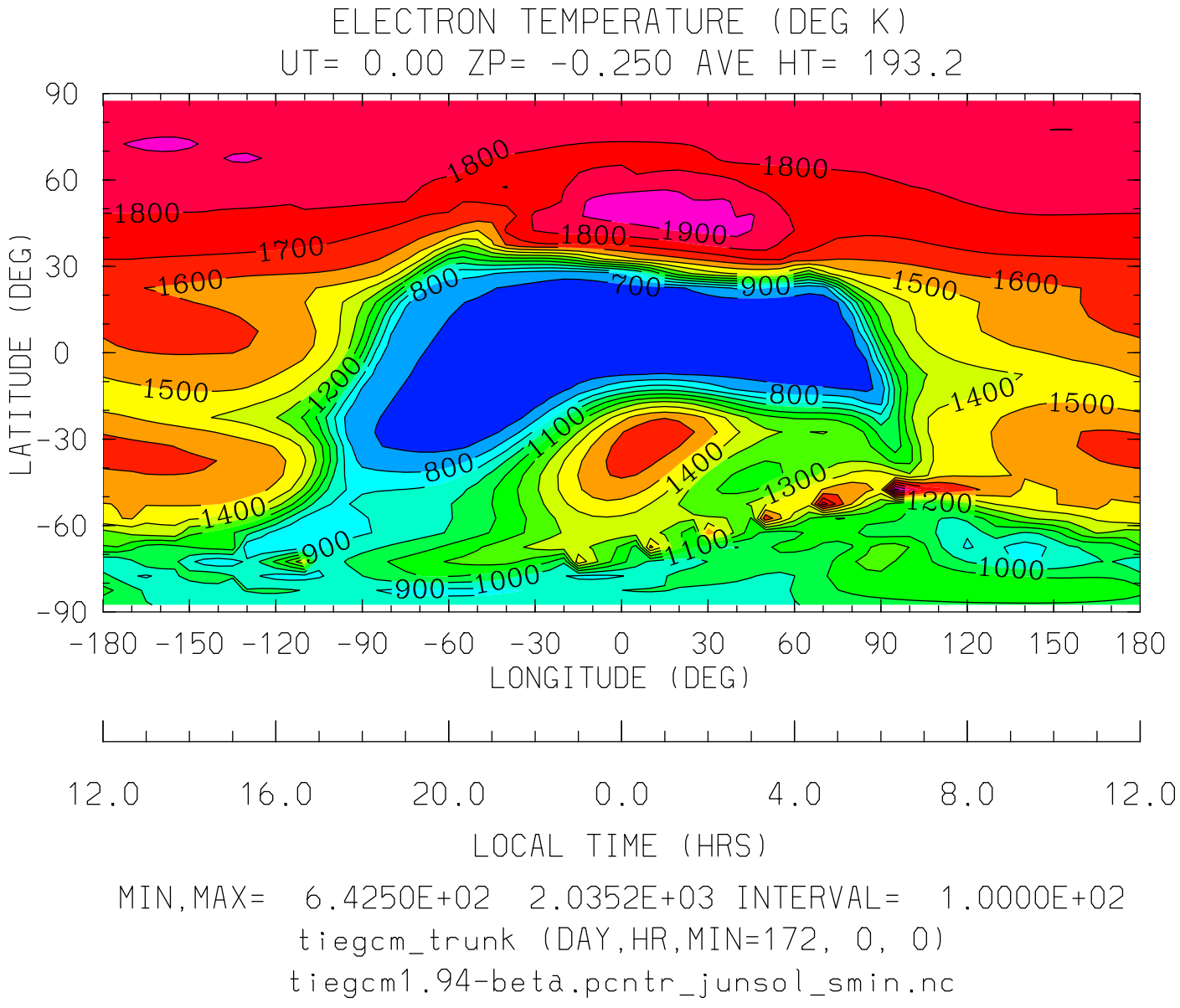
MIN,MAX= 6.1512E+02 9.1394E+02 INTERVAL= 2.0000E+01

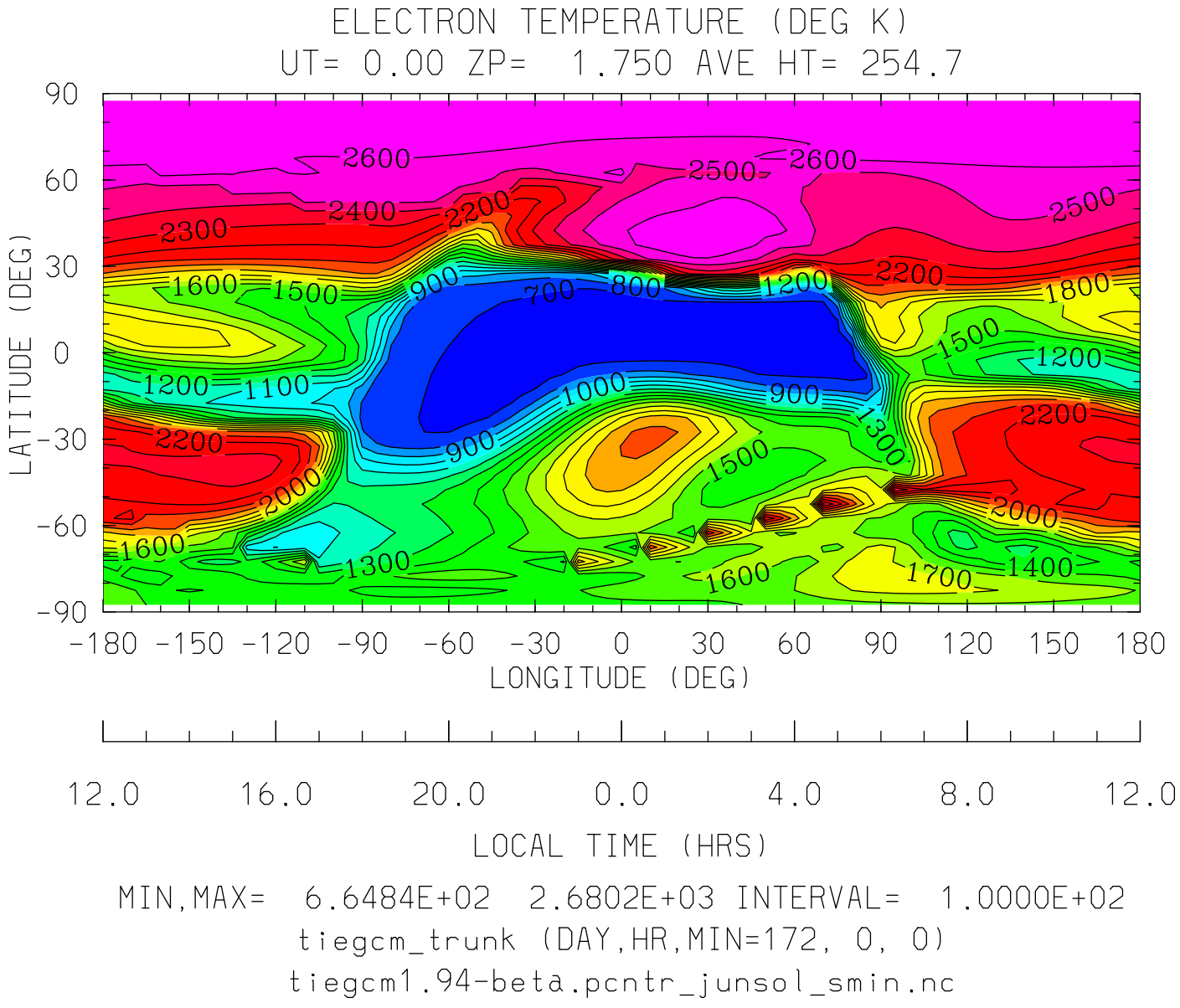
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -6.750 AVE HT= 97.7
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.6047E+02 1.7738E+02 INTERVAL= 1.0000E+00
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.250 AVE HT= 114.7
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 2.9306E+02 3.8906E+02 INTERVAL= 5.0000E+00
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

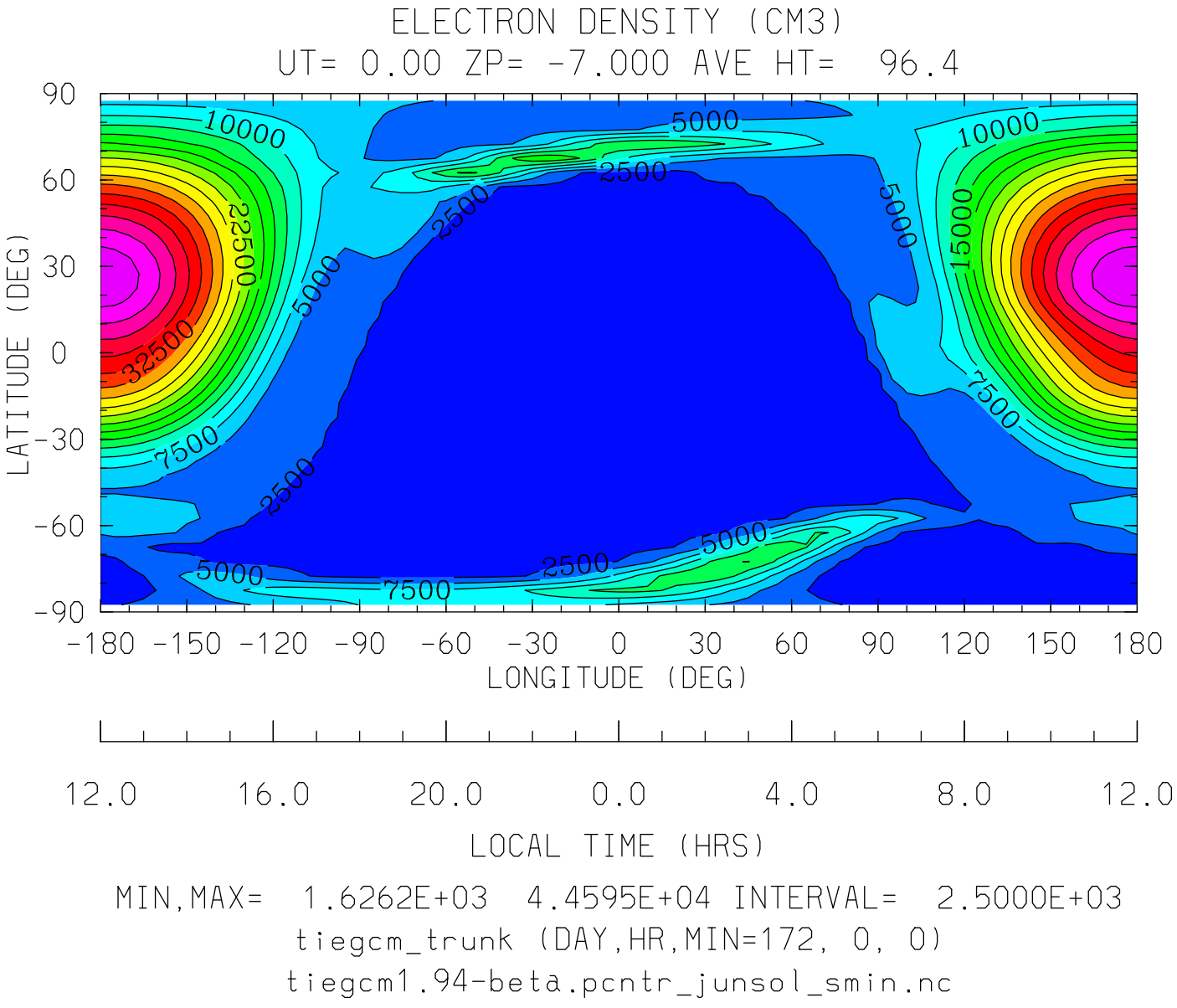

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -0.250 AVE HT= 193.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 6.4250E+02 2.0352E+03 INTERVAL= 1.0000E+02
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 6.6484E+02 2.6802E+03 INTERVAL= 1.0000E+02

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

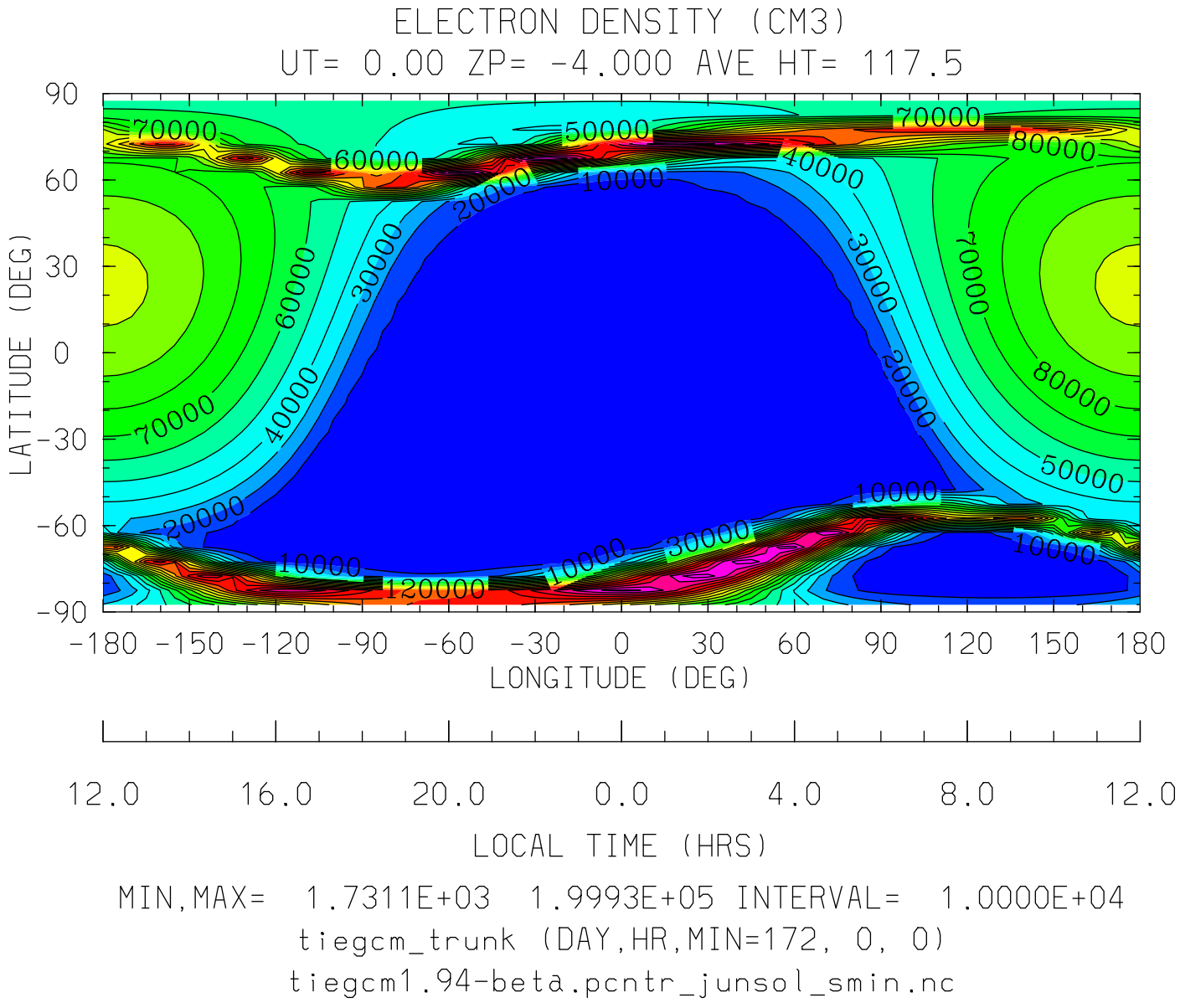
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.6262E+03 4.4595E+04 INTERVAL= 2.5000E+03

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

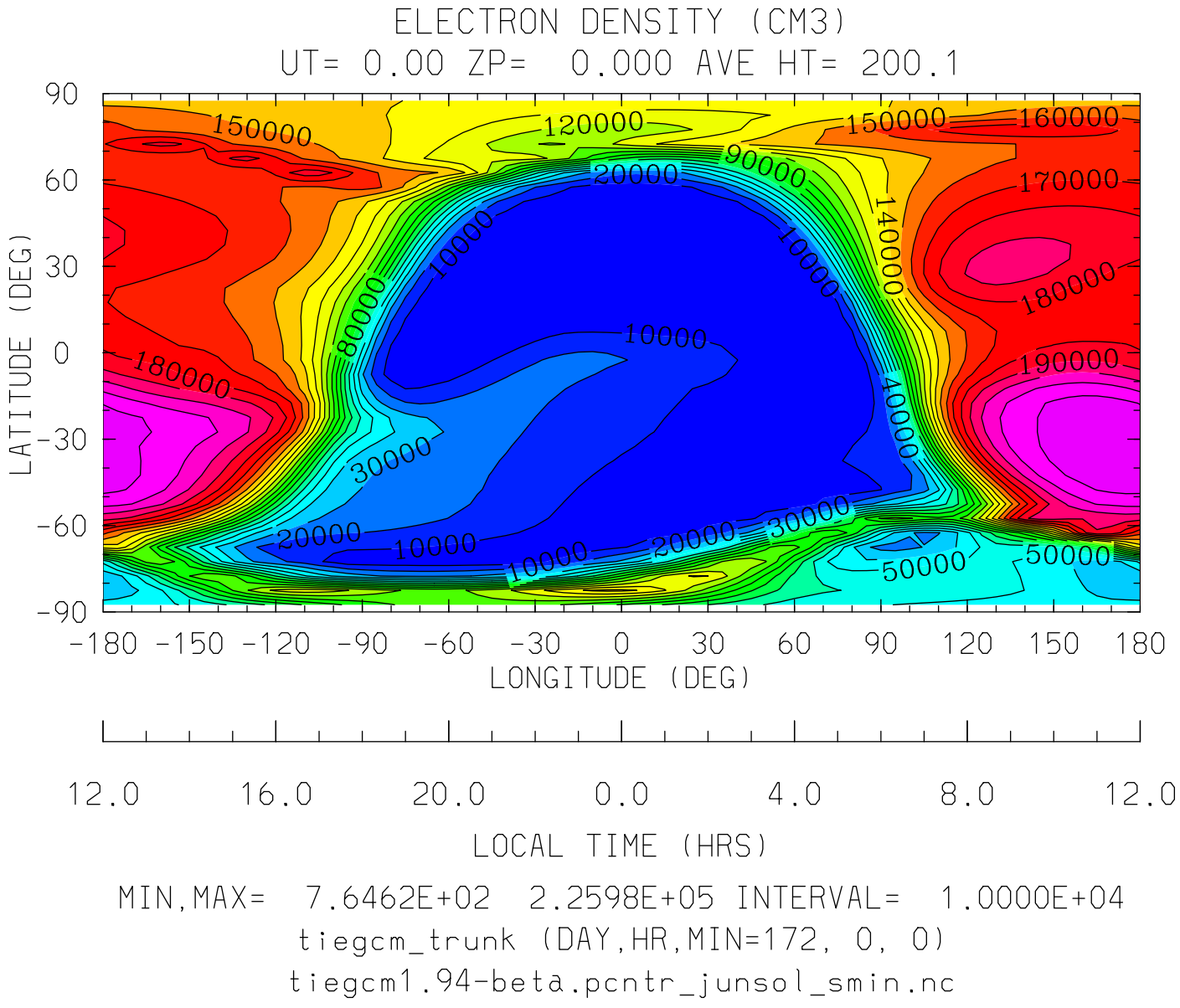
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.7311E+03 1.9993E+05 INTERVAL= 1.0000E+04

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

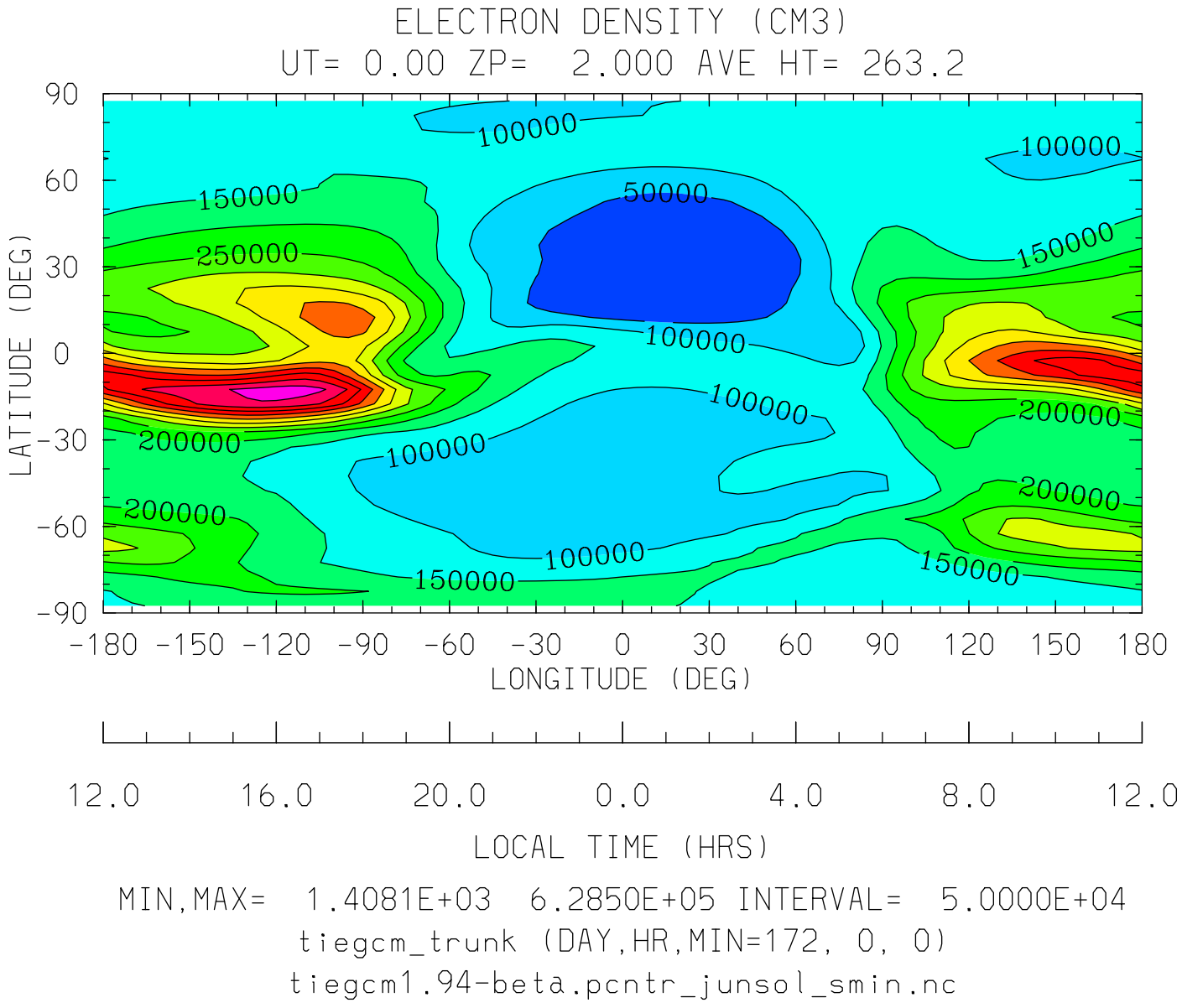
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 7.6462E+02 2.2598E+05 INTERVAL= 1.0000E+04

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

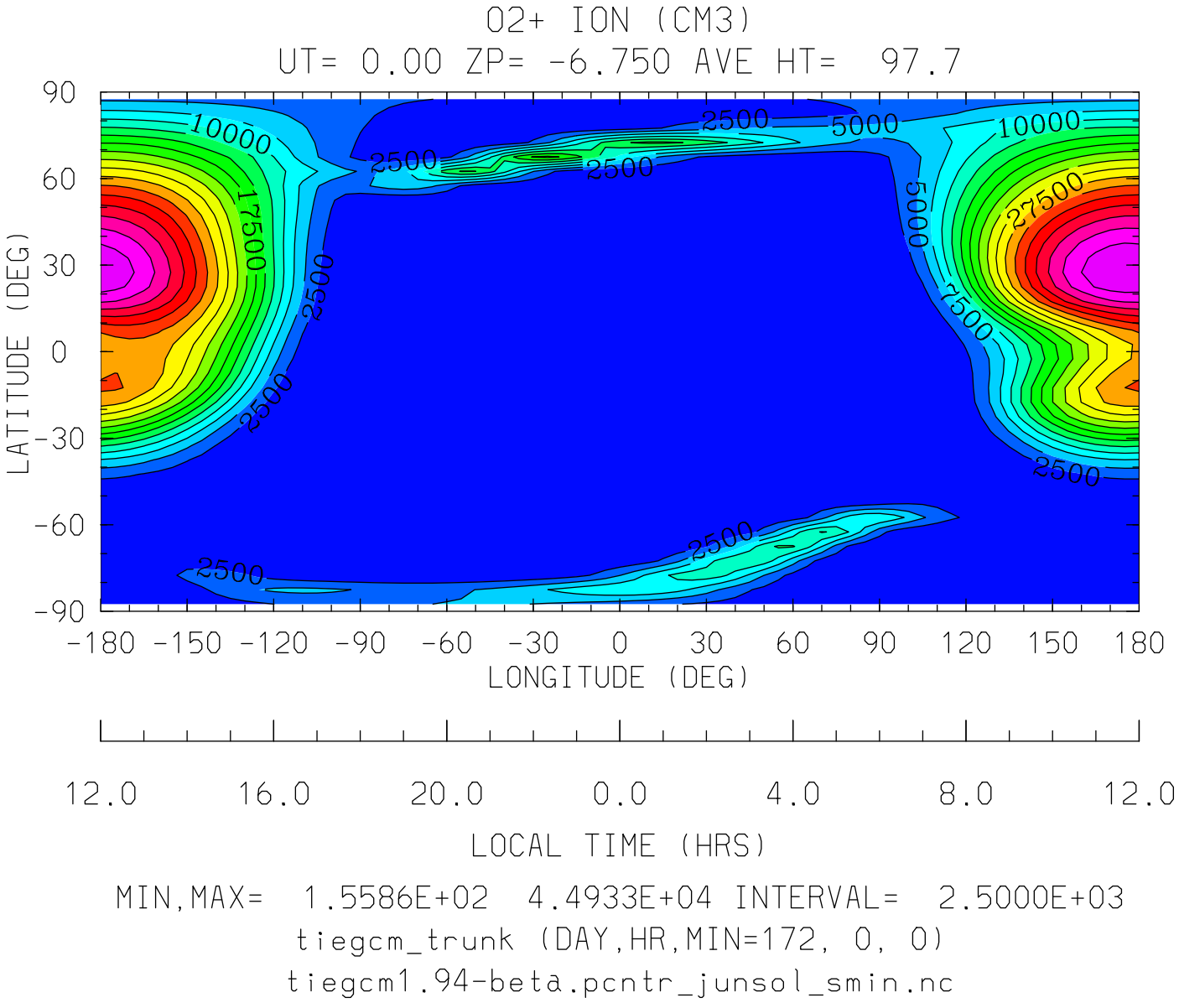
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.4081E+03 6.2850E+05 INTERVAL= 5.0000E+04

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

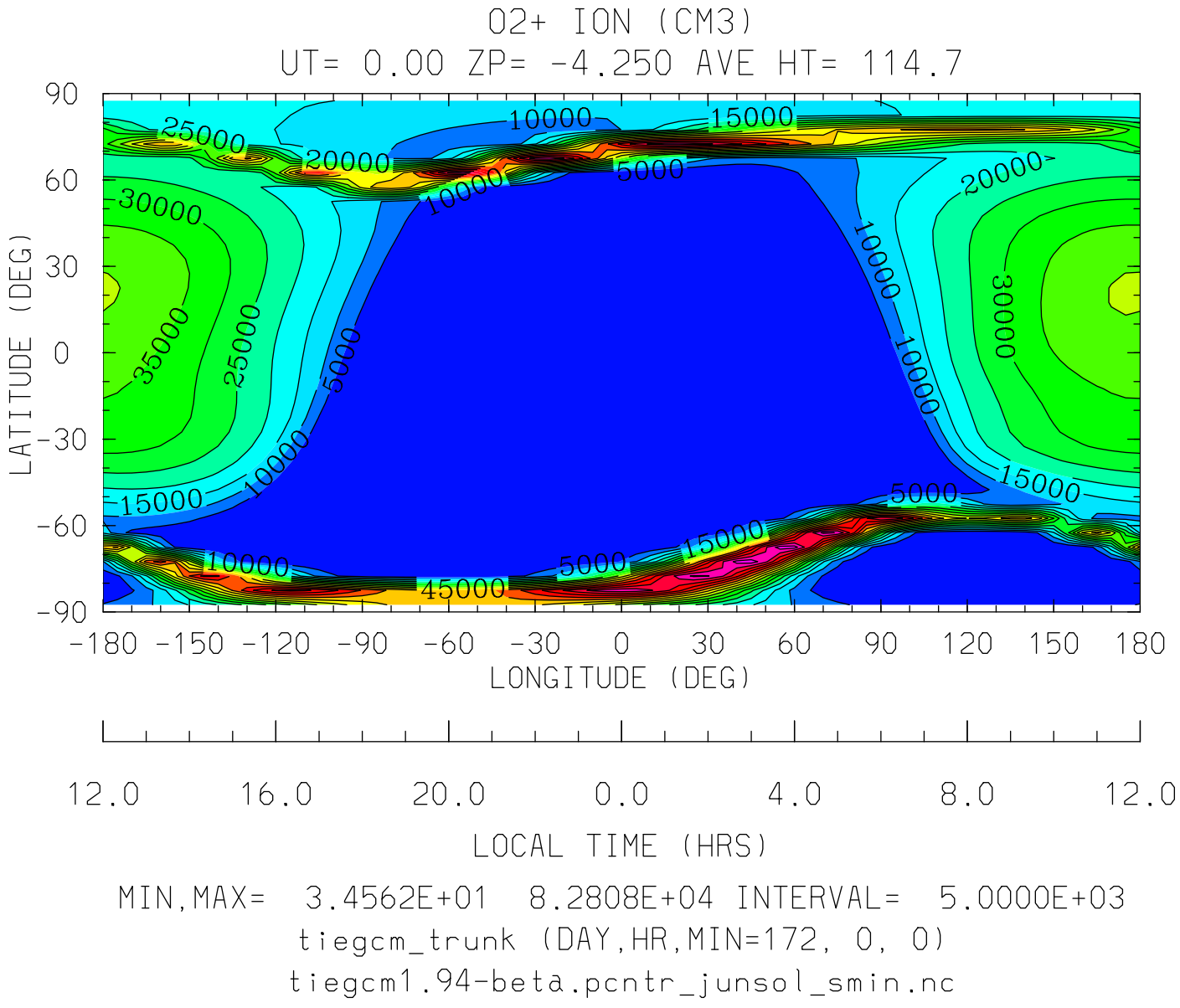
tiegcm1.94-beta.pcntr_junsol_smin.nc

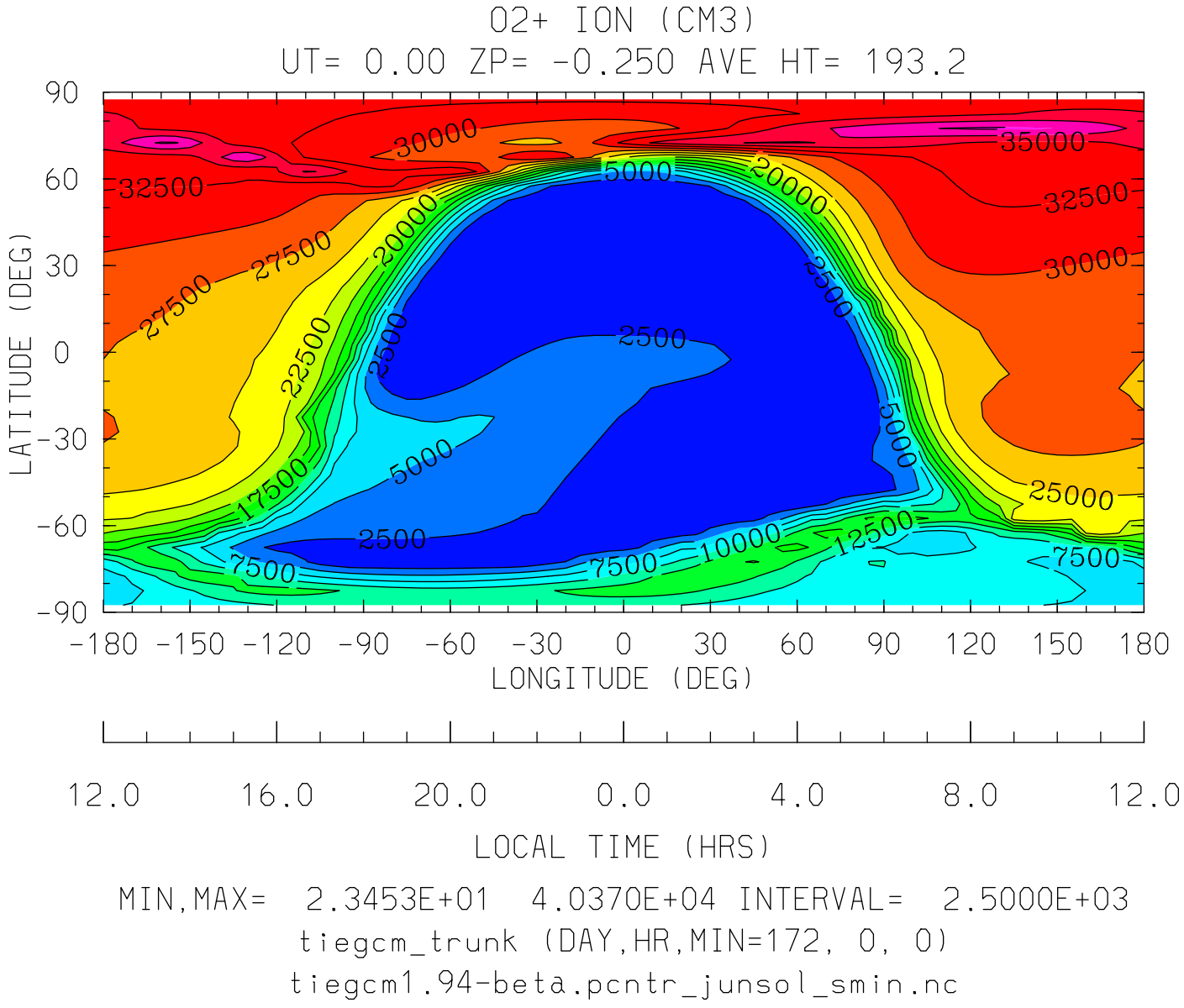


MIN,MAX= 1.5586E+02 4.4933E+04 INTERVAL= 2.5000E+03

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc

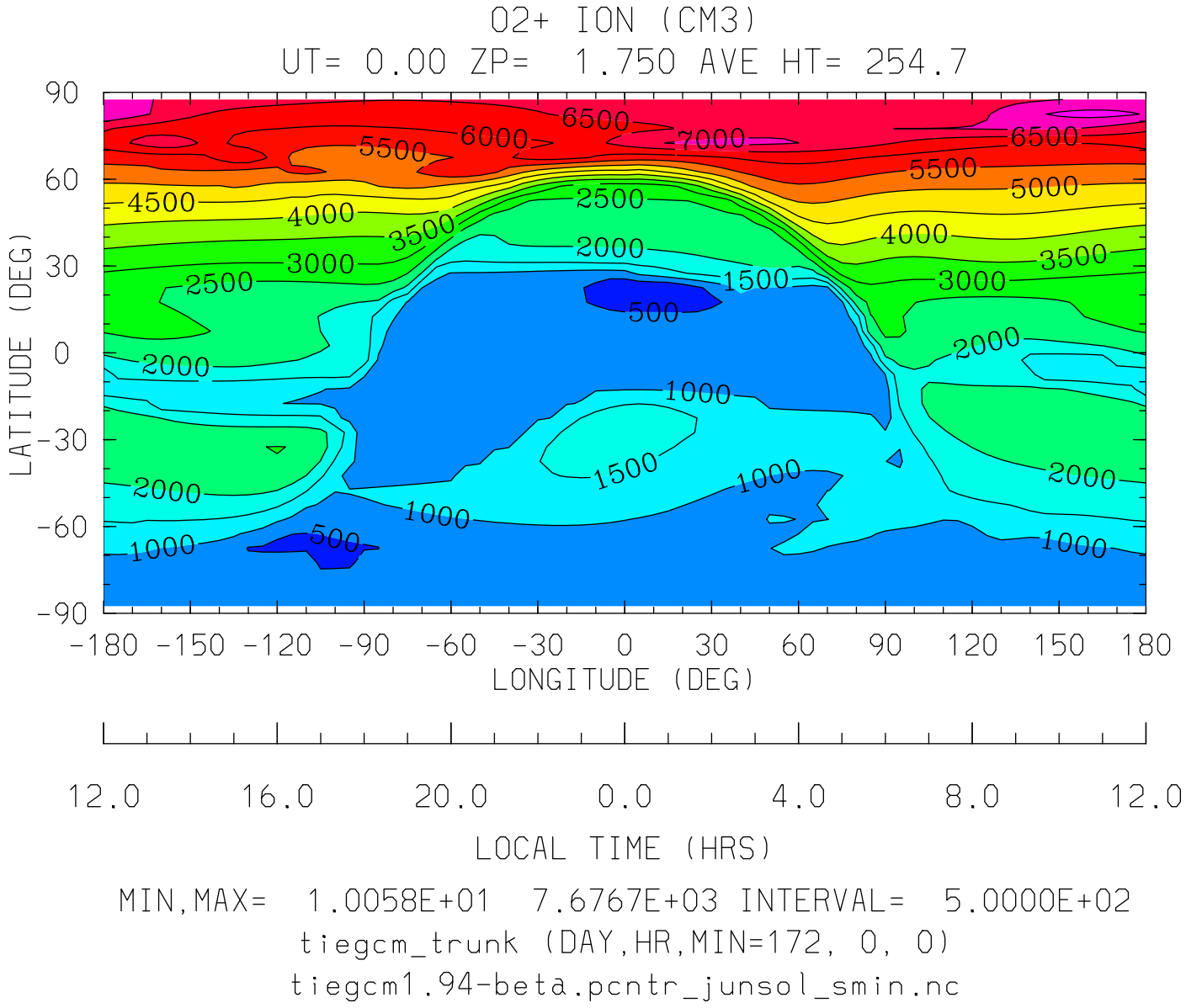

O2+ ION (CM3)
UT= 0.00 ZP= -4.250 AVE HT= 114.7
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.4562E+01 8.2808E+04 INTERVAL= 5.0000E+03
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 2.3453E+01 4.0370E+04 INTERVAL= 2.5000E+03

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

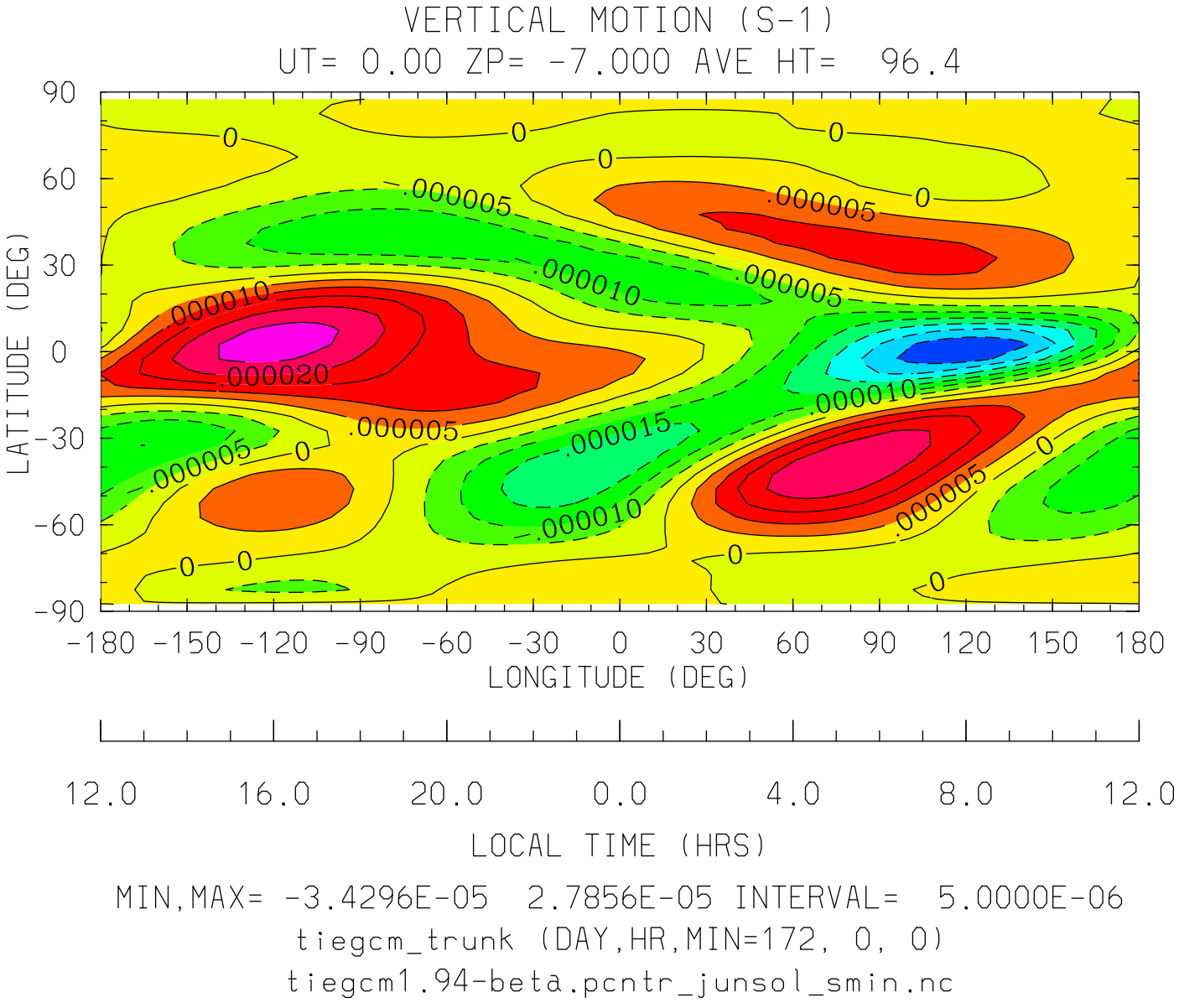
tiegcm1.94-beta.pcntr_junsol_smin.nc

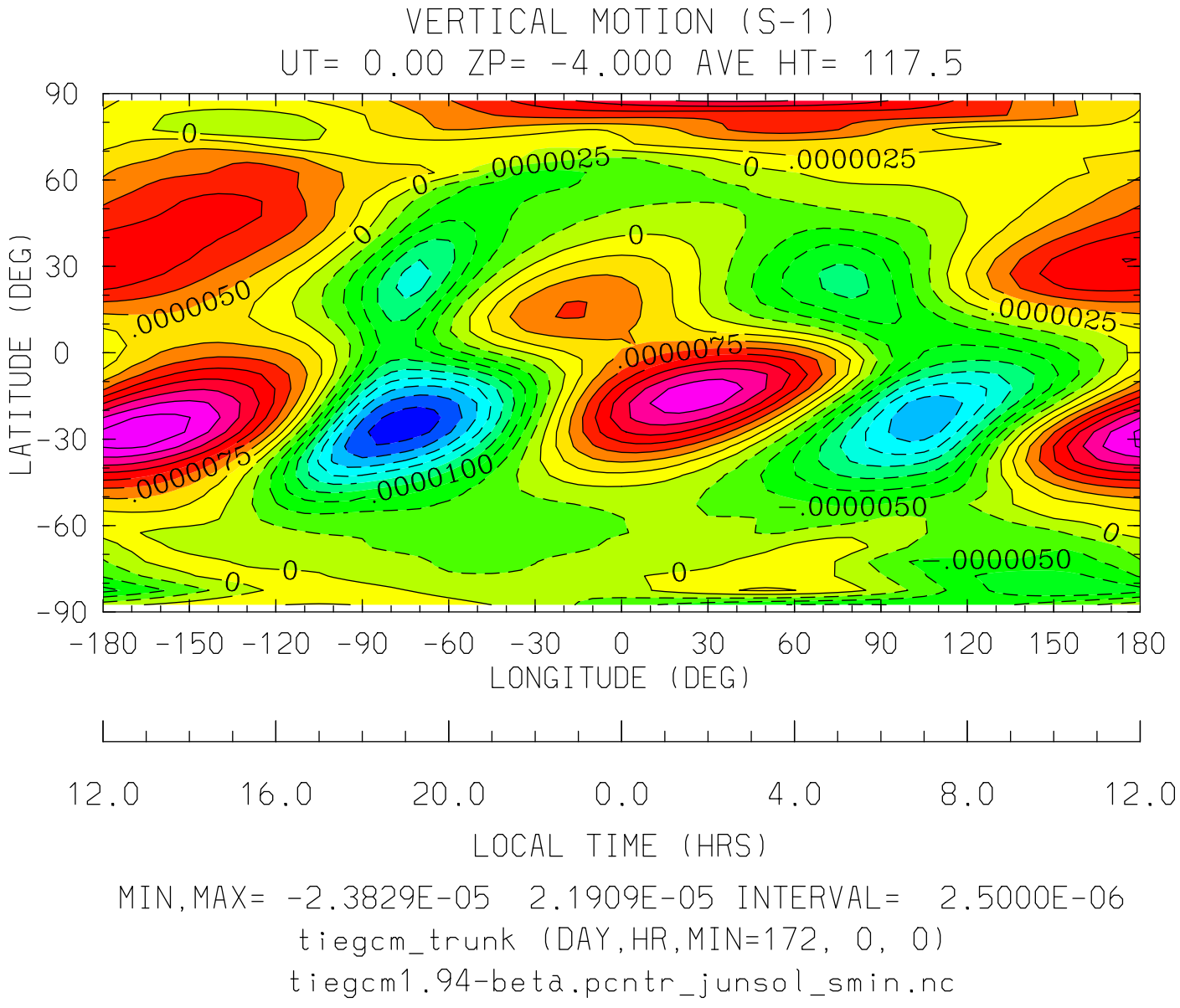


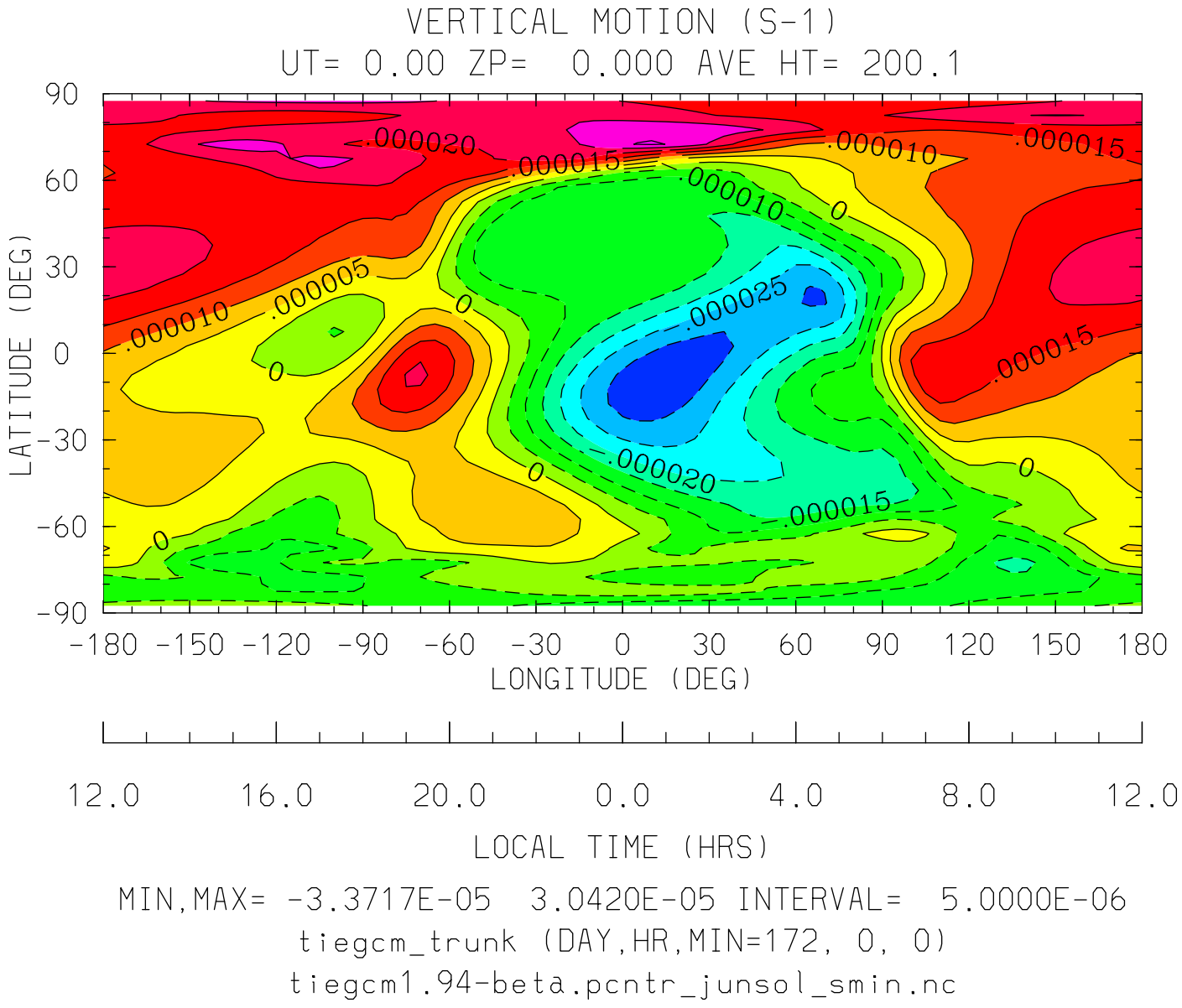
MIN,MAX= 1.0058E+01 7.6767E+03 INTERVAL= 5.0000E+02

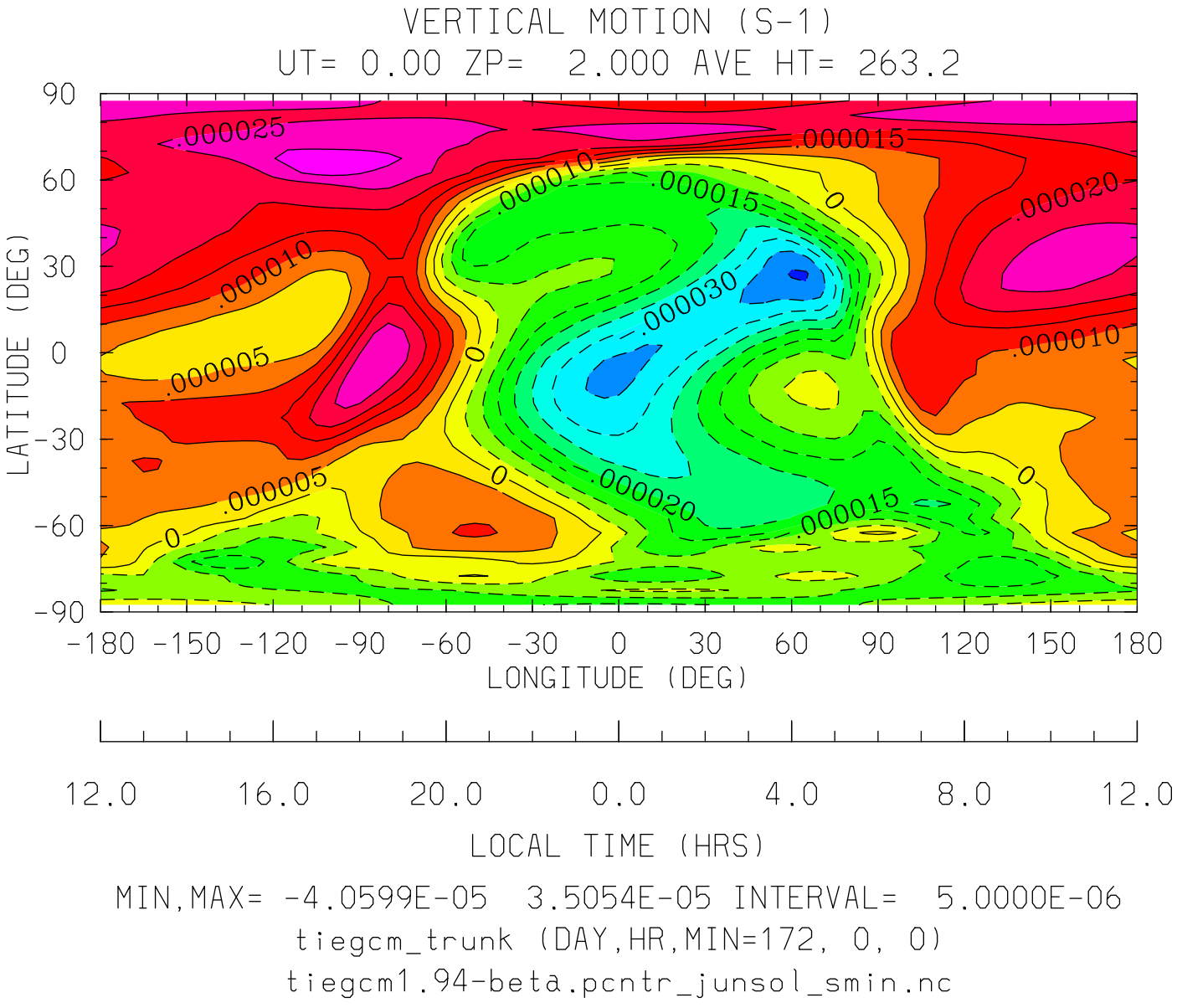
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc


VERTICAL MOTION (S-1)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -3.4296E-05 2.7856E-05 INTERVAL= 5.0000E-06
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


VERTICAL MOTION (S-1)
UT= 0.00 ZP= -4.000 AVE HT= 117.5
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
0
.0000025
.0000050
.0000075
.0000100
-.0000050
MIN,MAX= -2.3829E-05 2.1909E-05 INTERVAL= 2.5000E-06
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

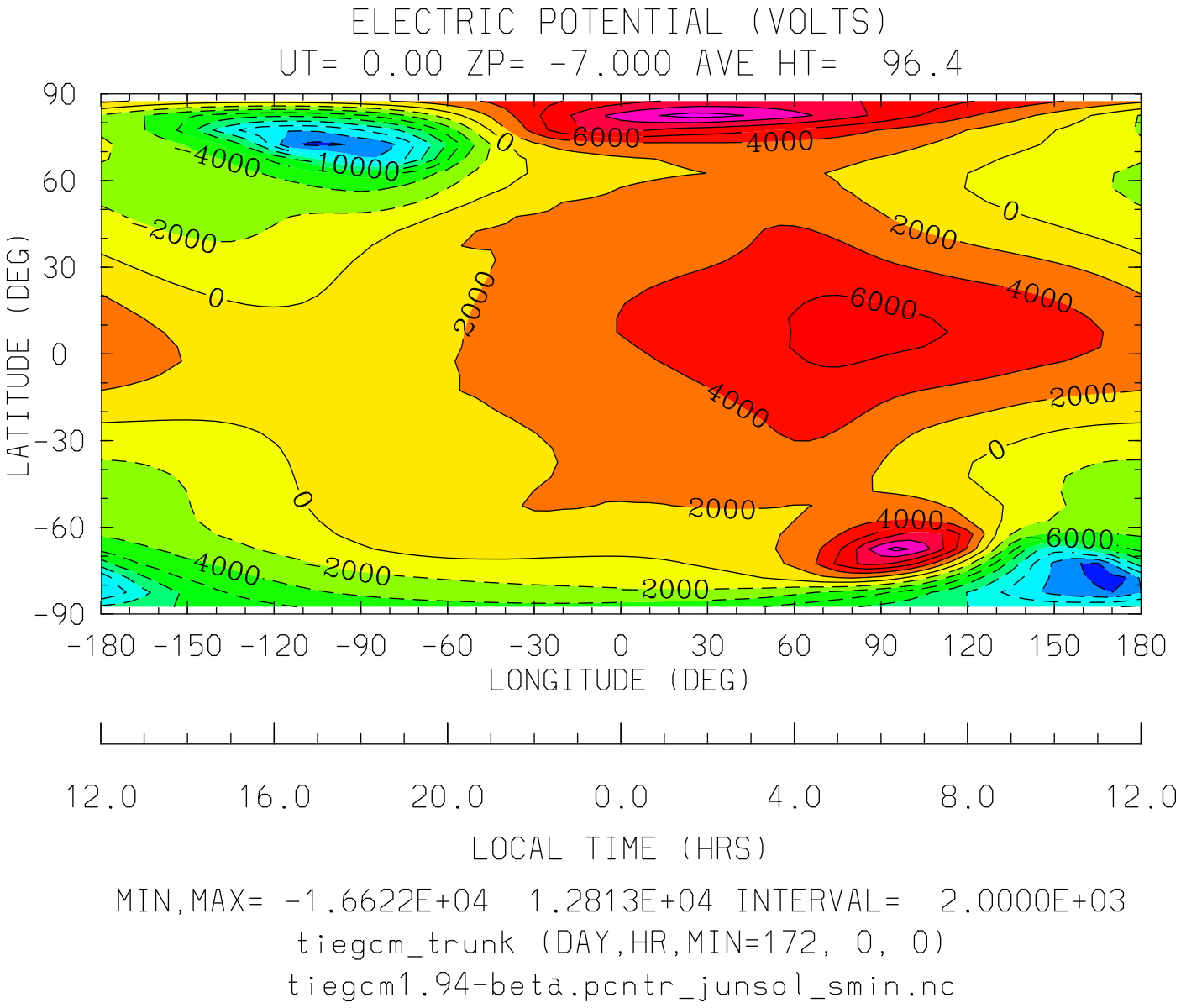

VERTICAL MOTION (S-1)
UT= 0.00 ZP= 0.000 AVE HT= 200.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -3.3717E-05 3.0420E-05 INTERVAL= 5.0000E-06
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

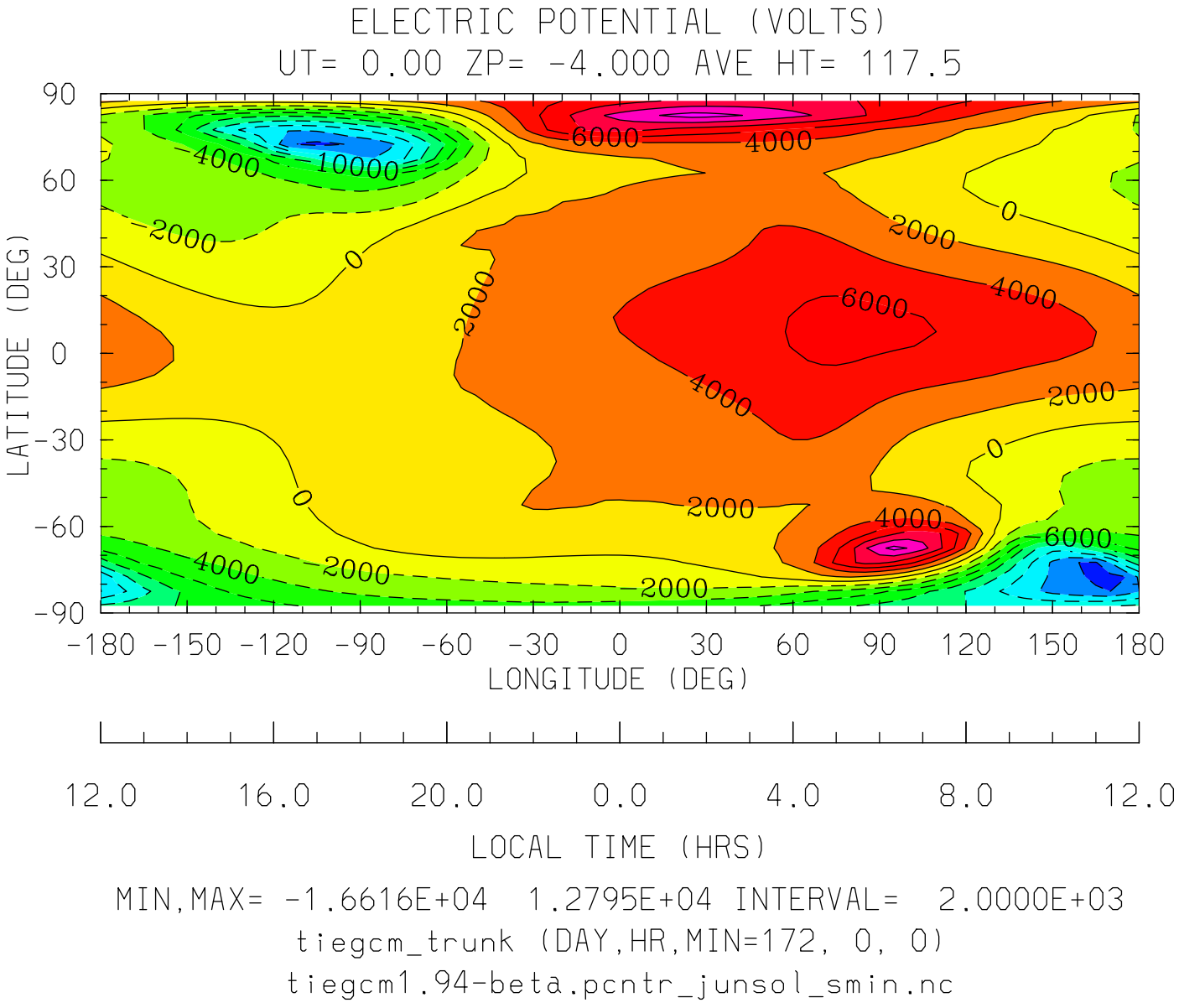


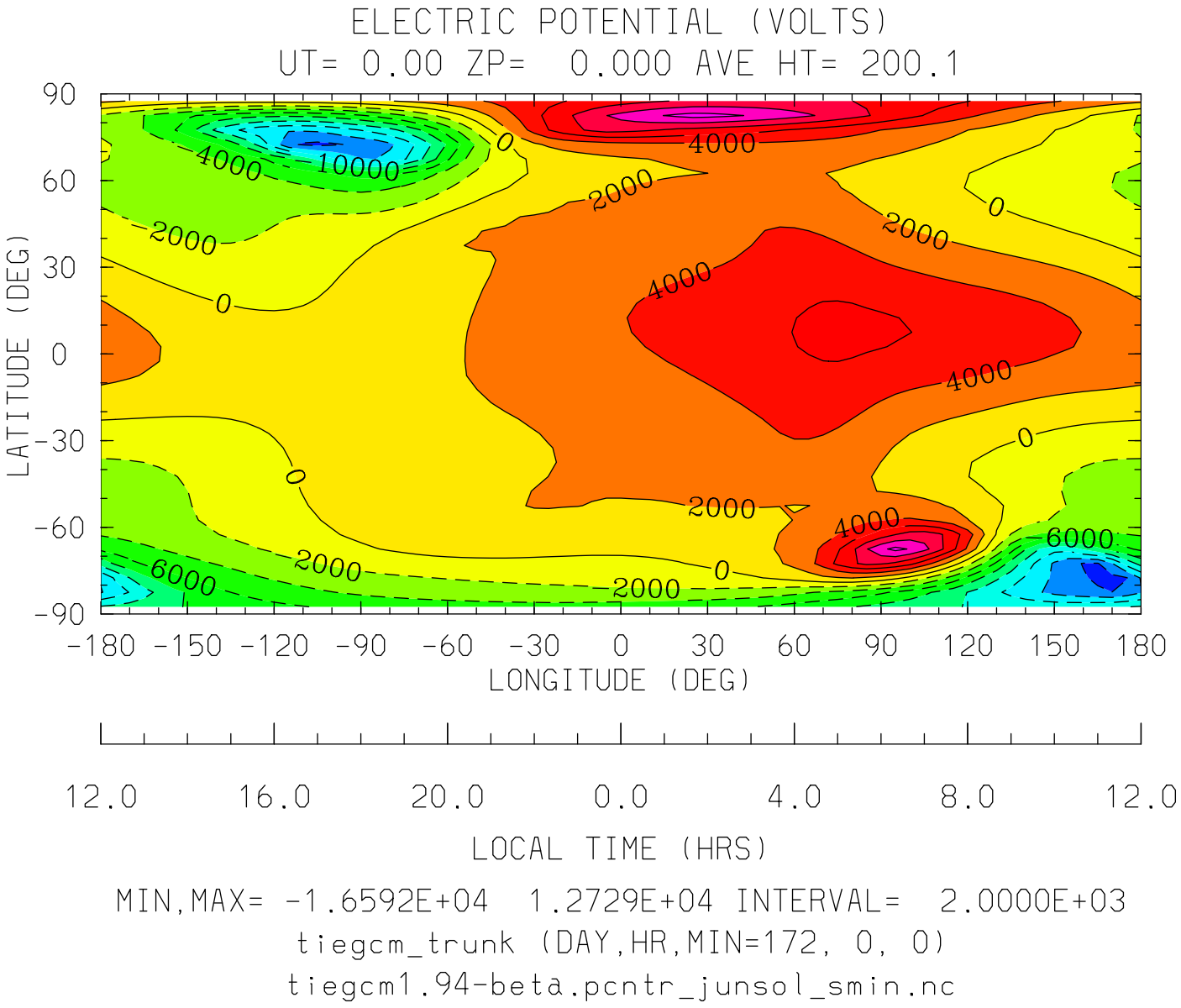
MIN,MAX= -4.0599E-05 3.5054E-05 INTERVAL= 5.0000E-06

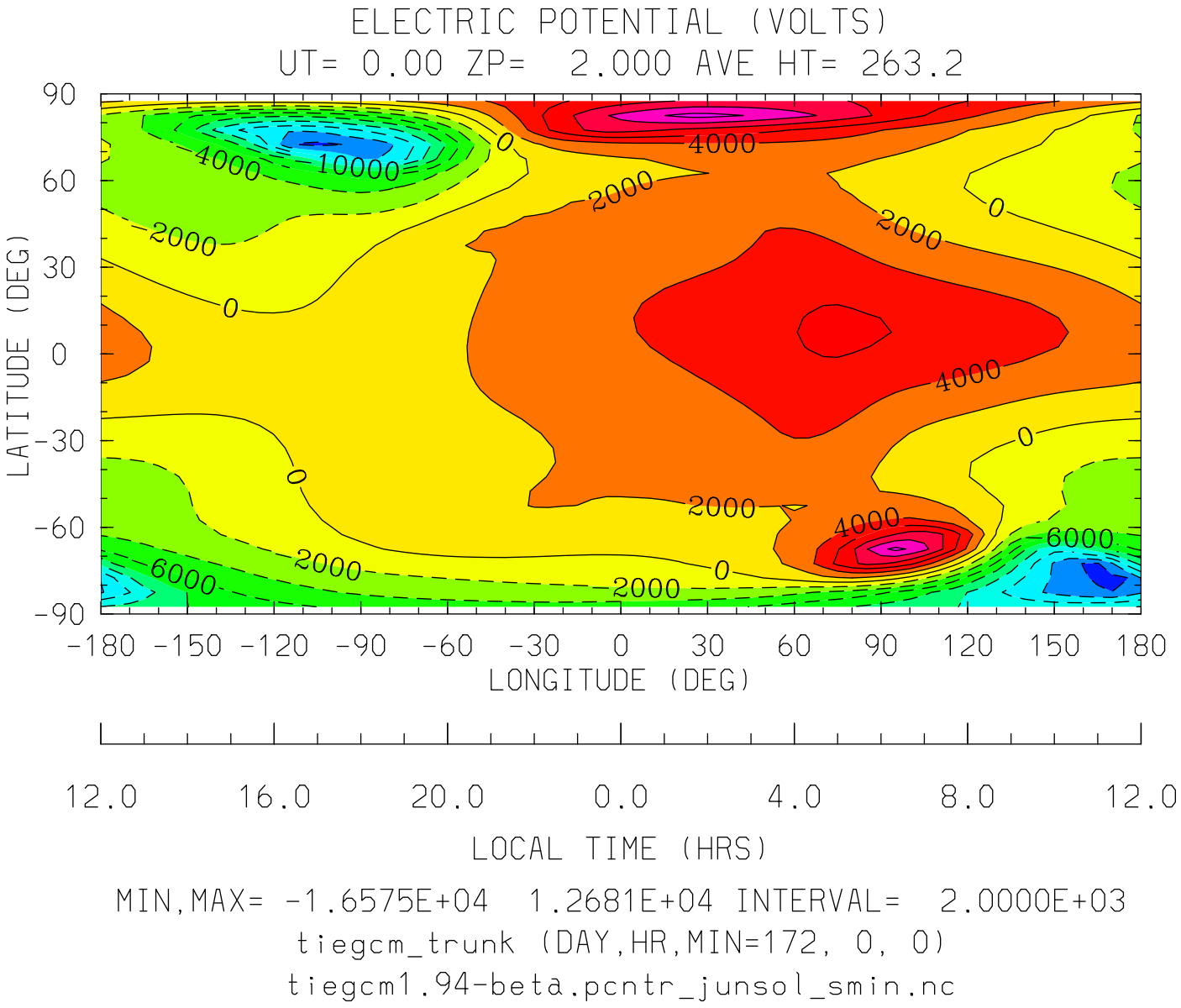
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

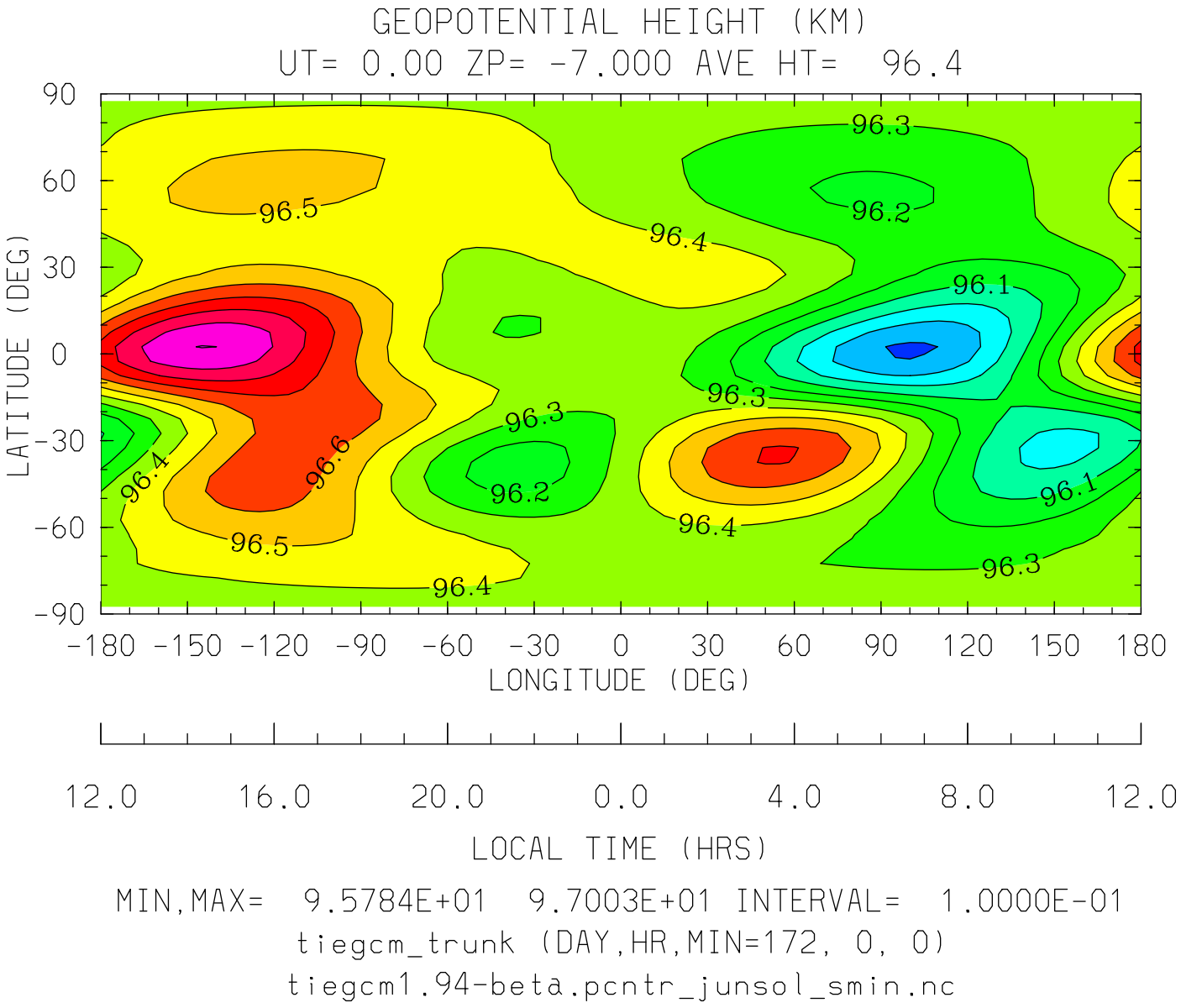
tiegcm1.94-beta.pcntr_junsol_smin.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= -7.000 AVE HT= 96.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.6622E+04 1.2813E+04 INTERVAL= 2.0000E+03
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= -4.000 AVE HT= 117.5
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.6616E+04 1.2795E+04 INTERVAL= 2.0000E+03
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 0.000 AVE HT= 200.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.6592E+04 1.2729E+04 INTERVAL= 2.0000E+03
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

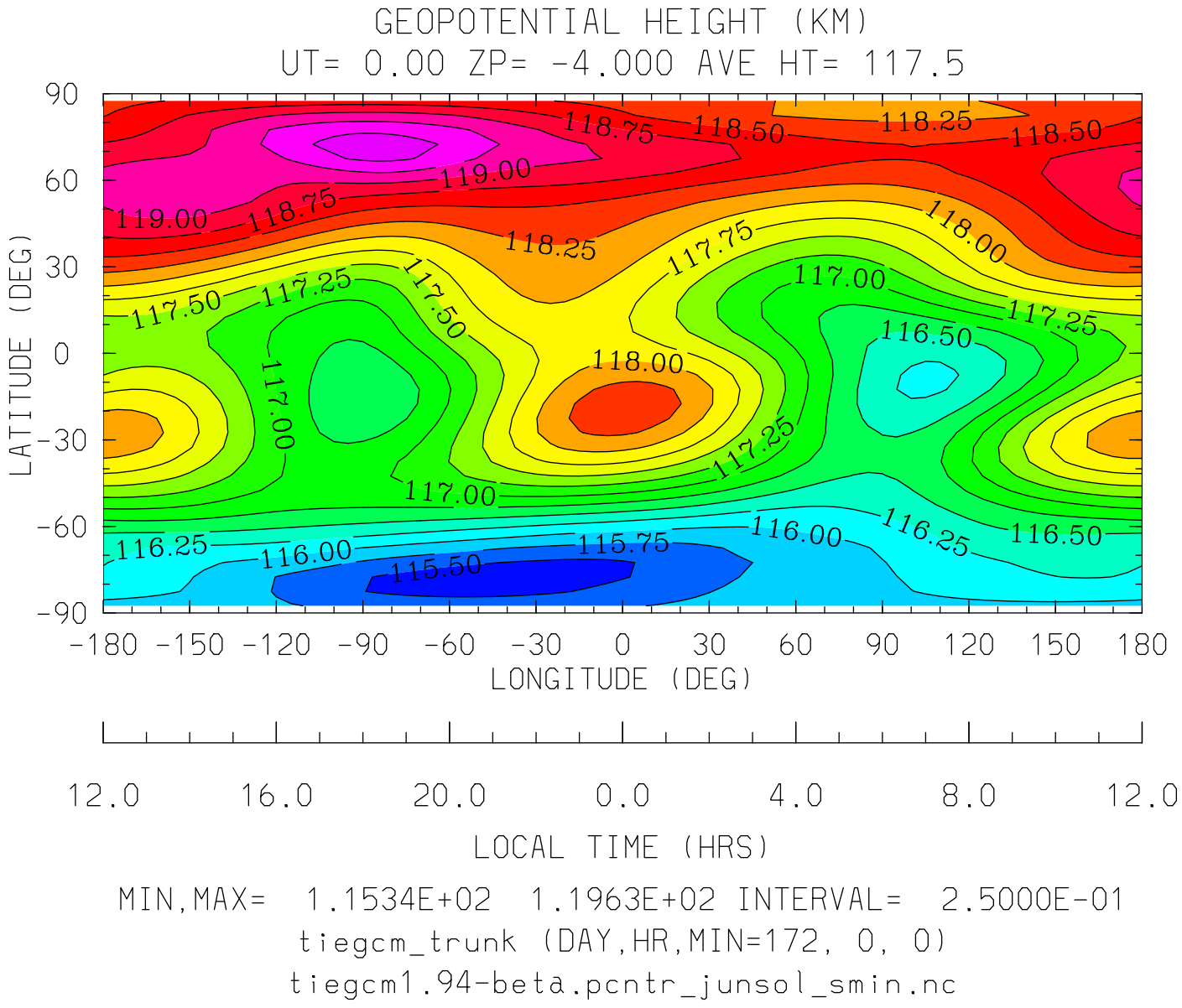

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 ZP= 2.000 AVE HT= 263.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.6575E+04 1.2681E+04 INTERVAL= 2.0000E+03
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

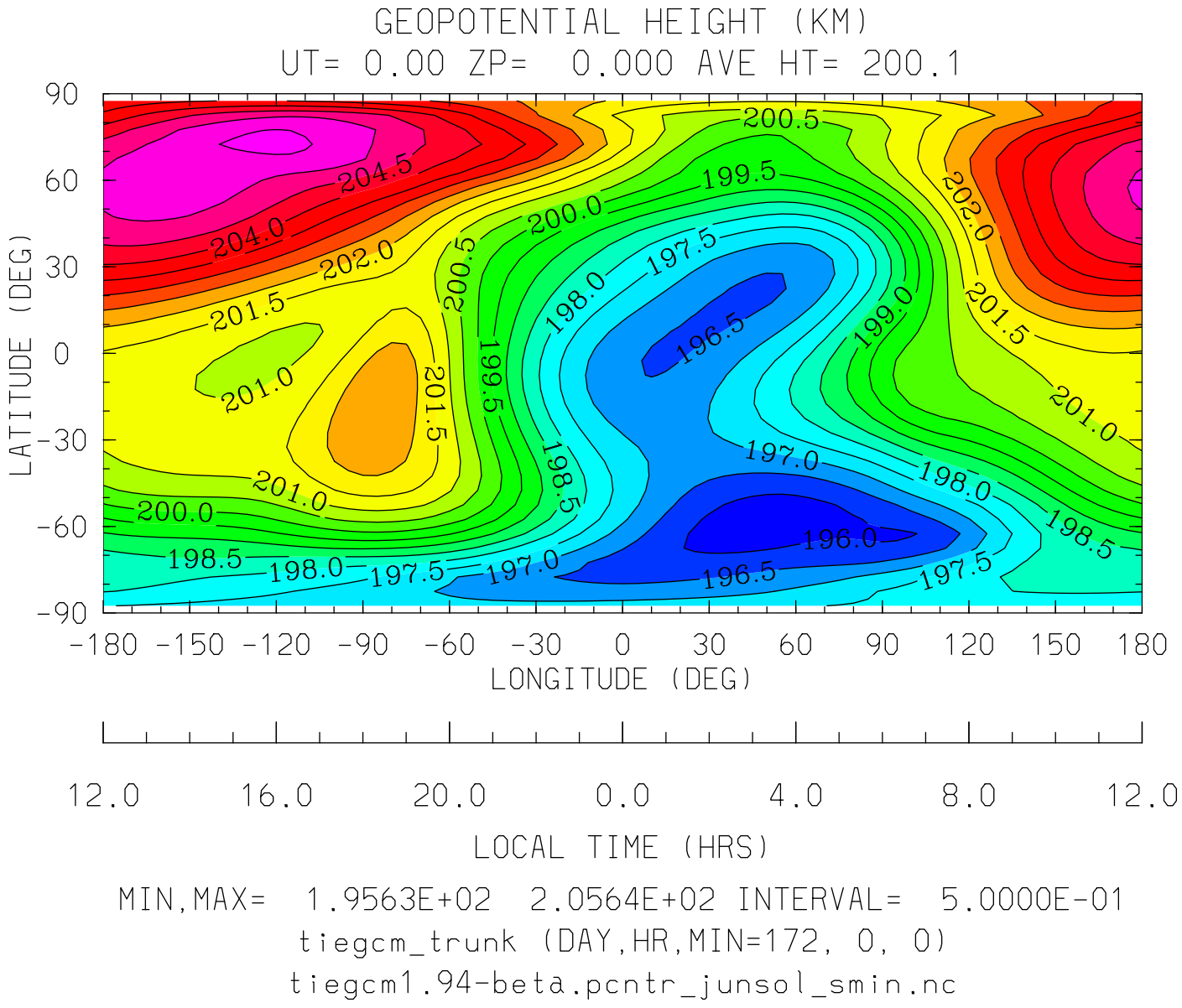


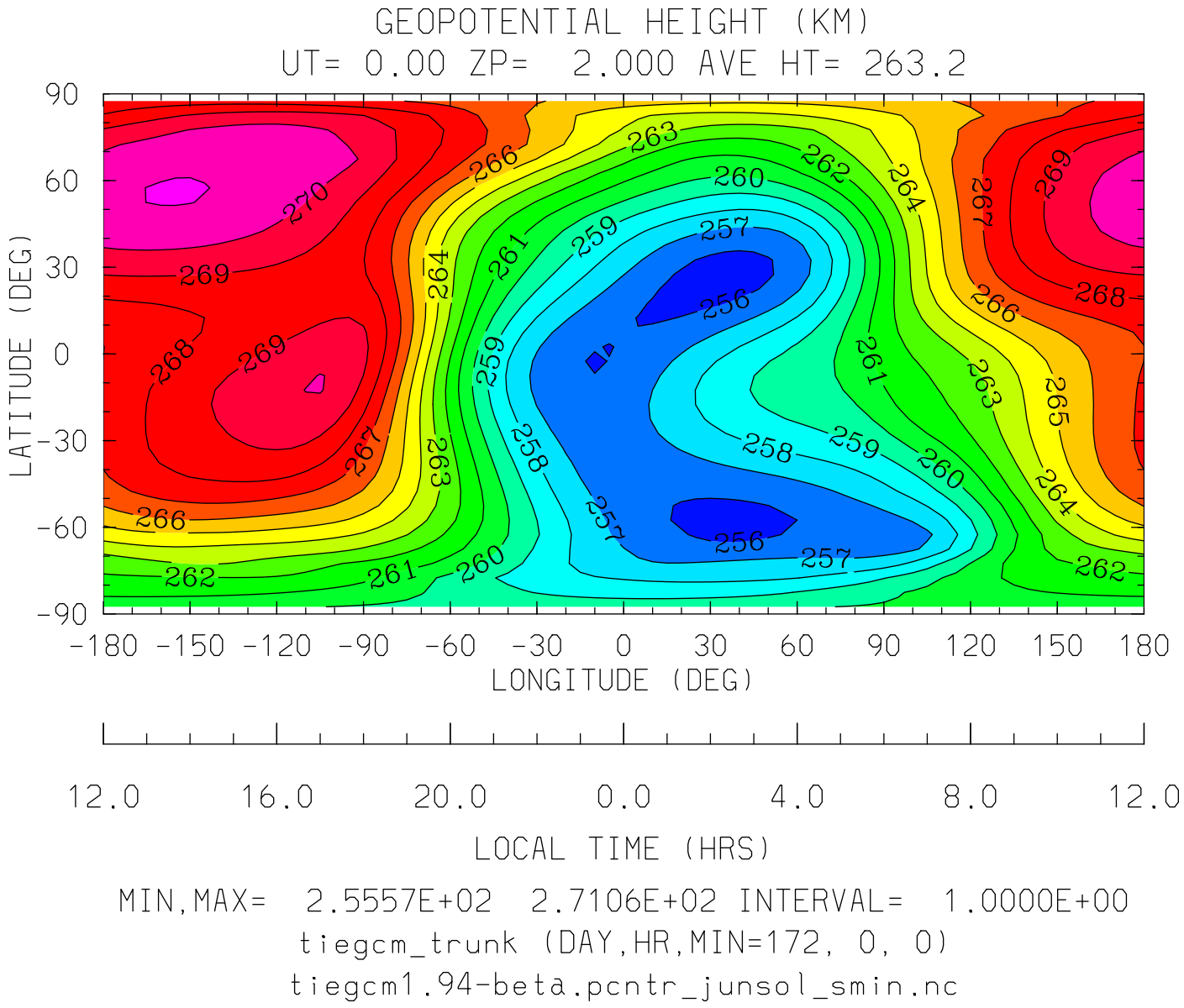
MIN,MAX= 9.5784E+01 9.7003E+01 INTERVAL= 1.0000E-01

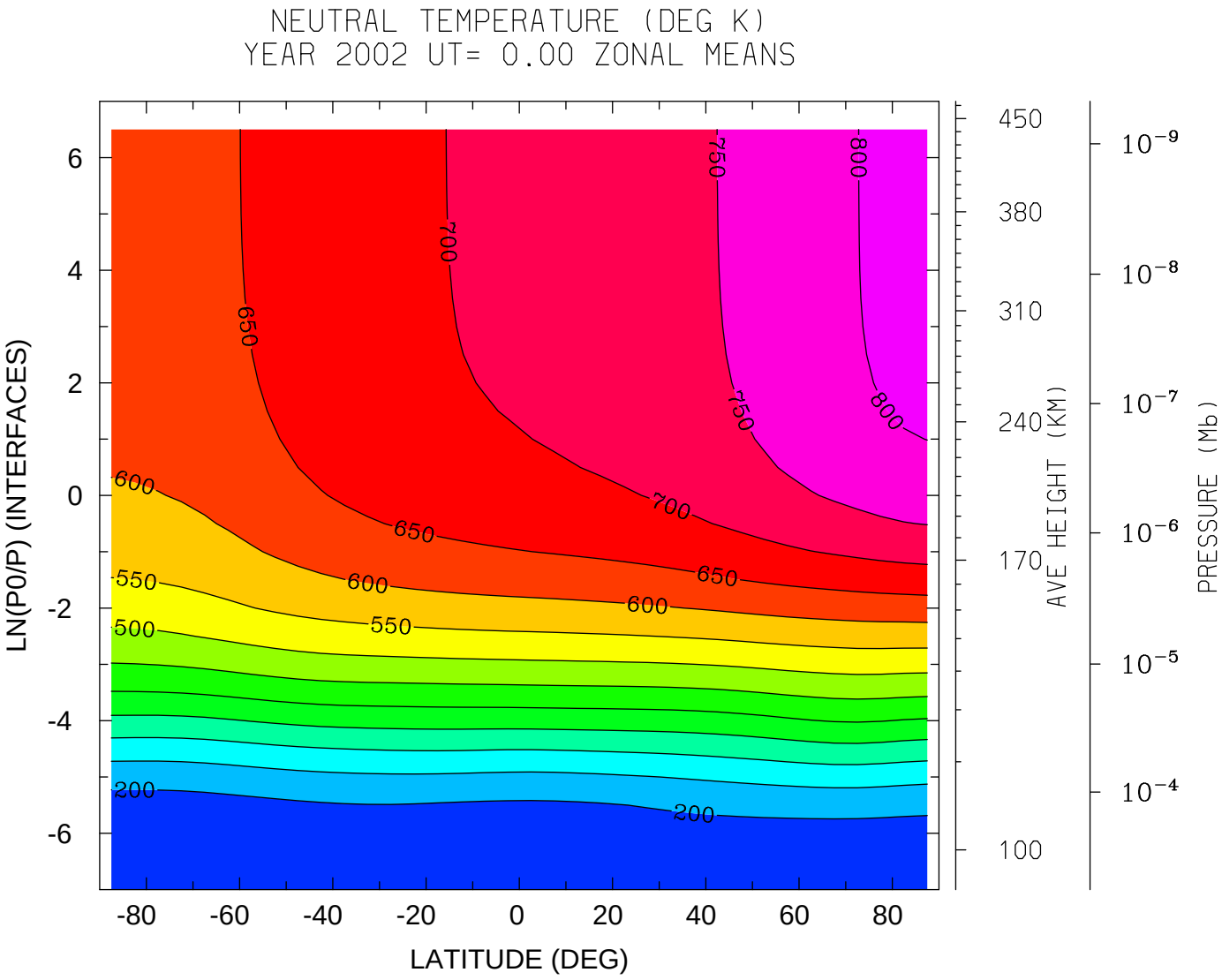
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc


GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= -4.000 AVE HT= 117.5
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.1534E+02 1.1963E+02 INTERVAL= 2.5000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 0.000 AVE HT= 200.1
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.9563E+02 2.0564E+02 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

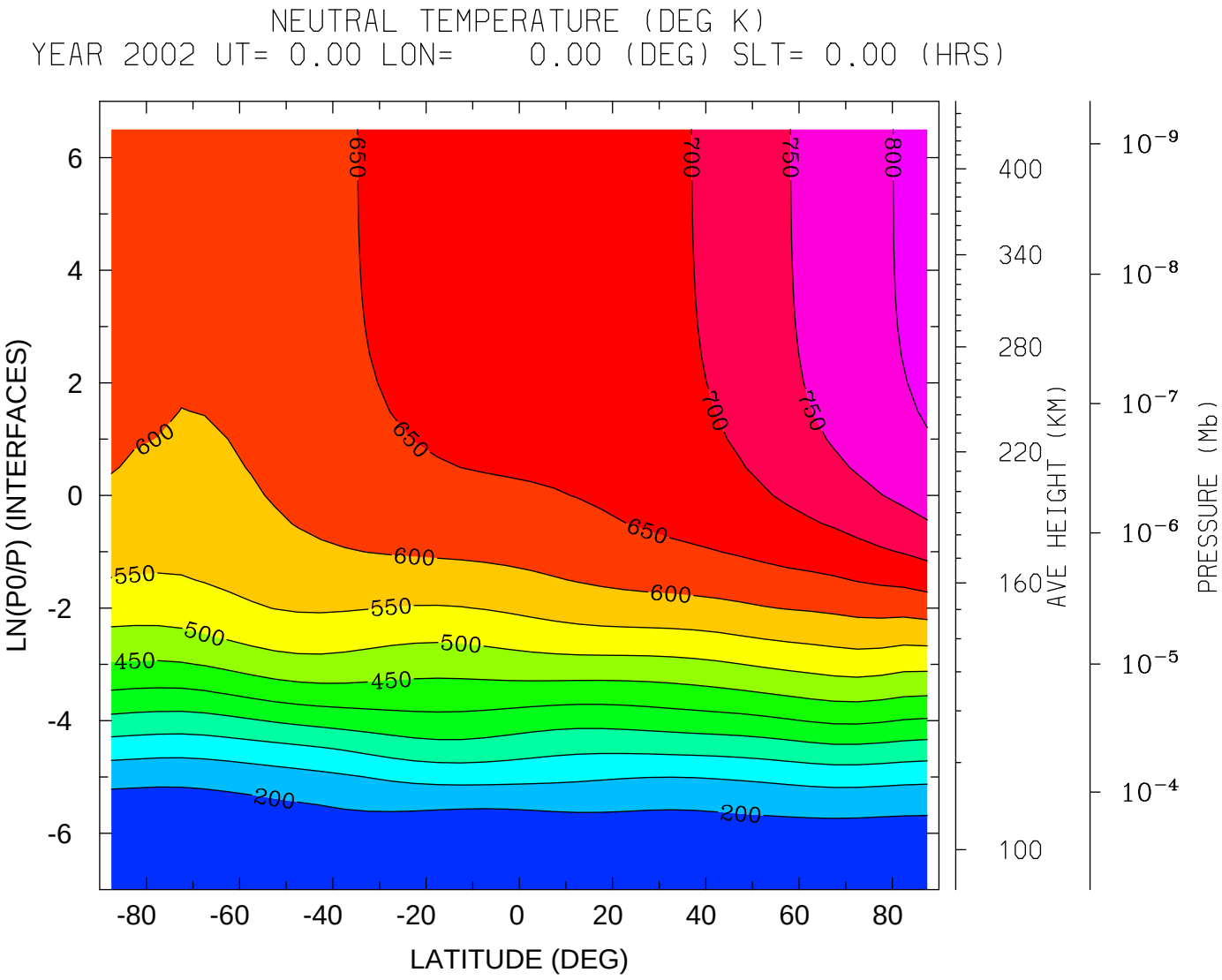

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= 2.000 AVE HT= 263.2
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 2.5557E+02 2.7106E+02 INTERVAL= 1.0000E+00
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.6030E+02 8.1366E+02 INTERVAL= 5.0000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc

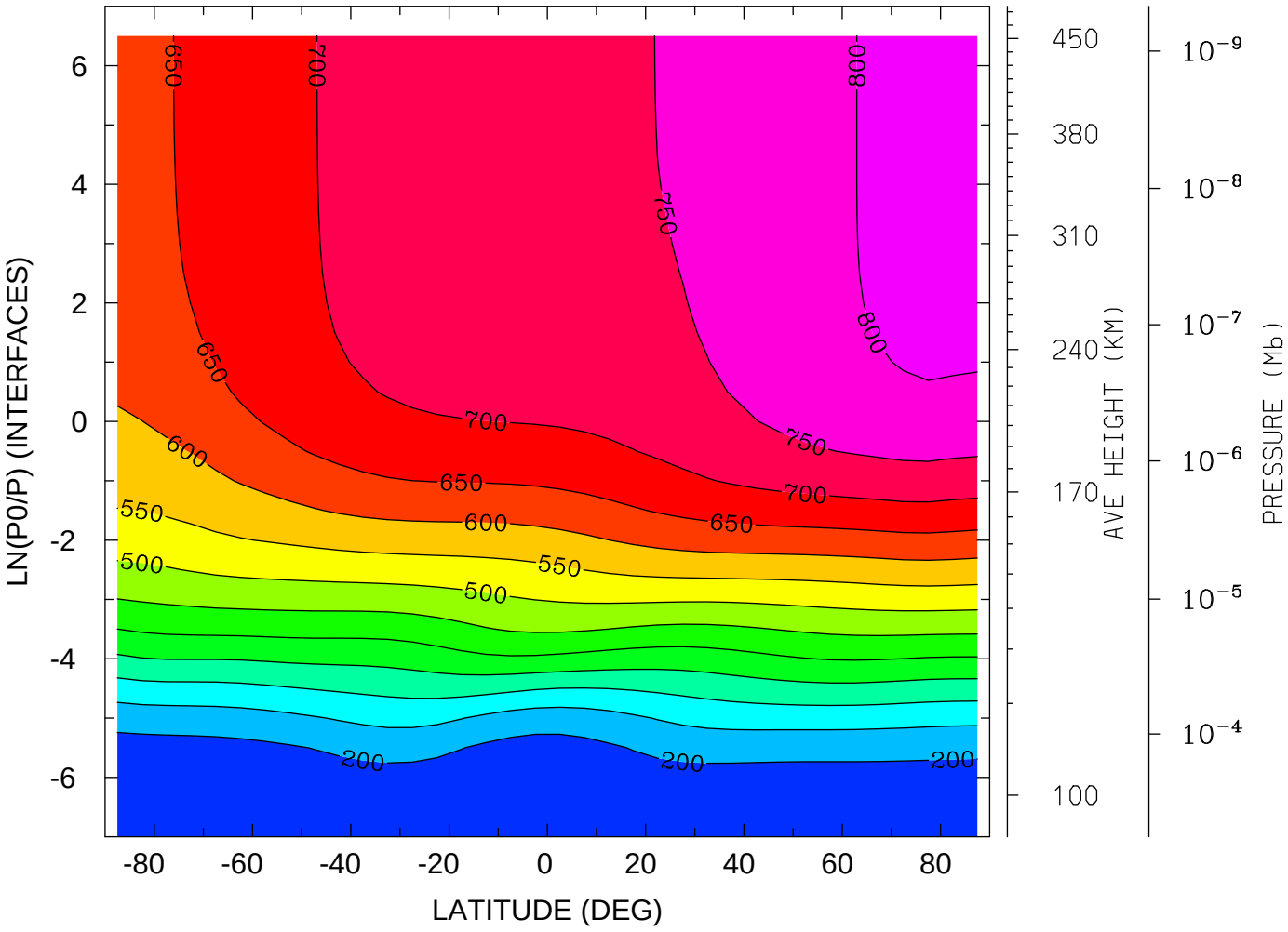


MIN,MAX= 1.5756E+02 8.1149E+02 INTERVAL= 5.0000E+01

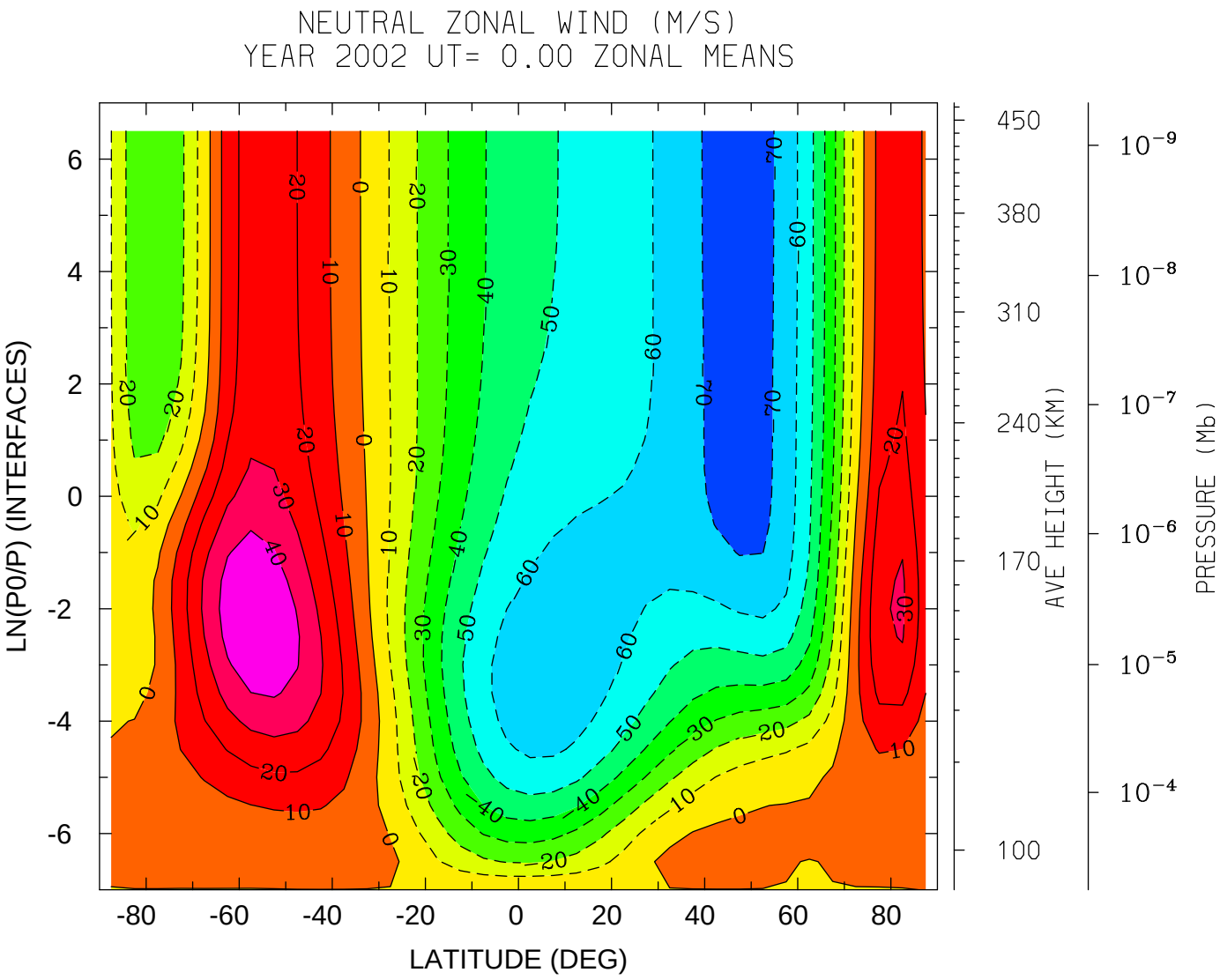
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc

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



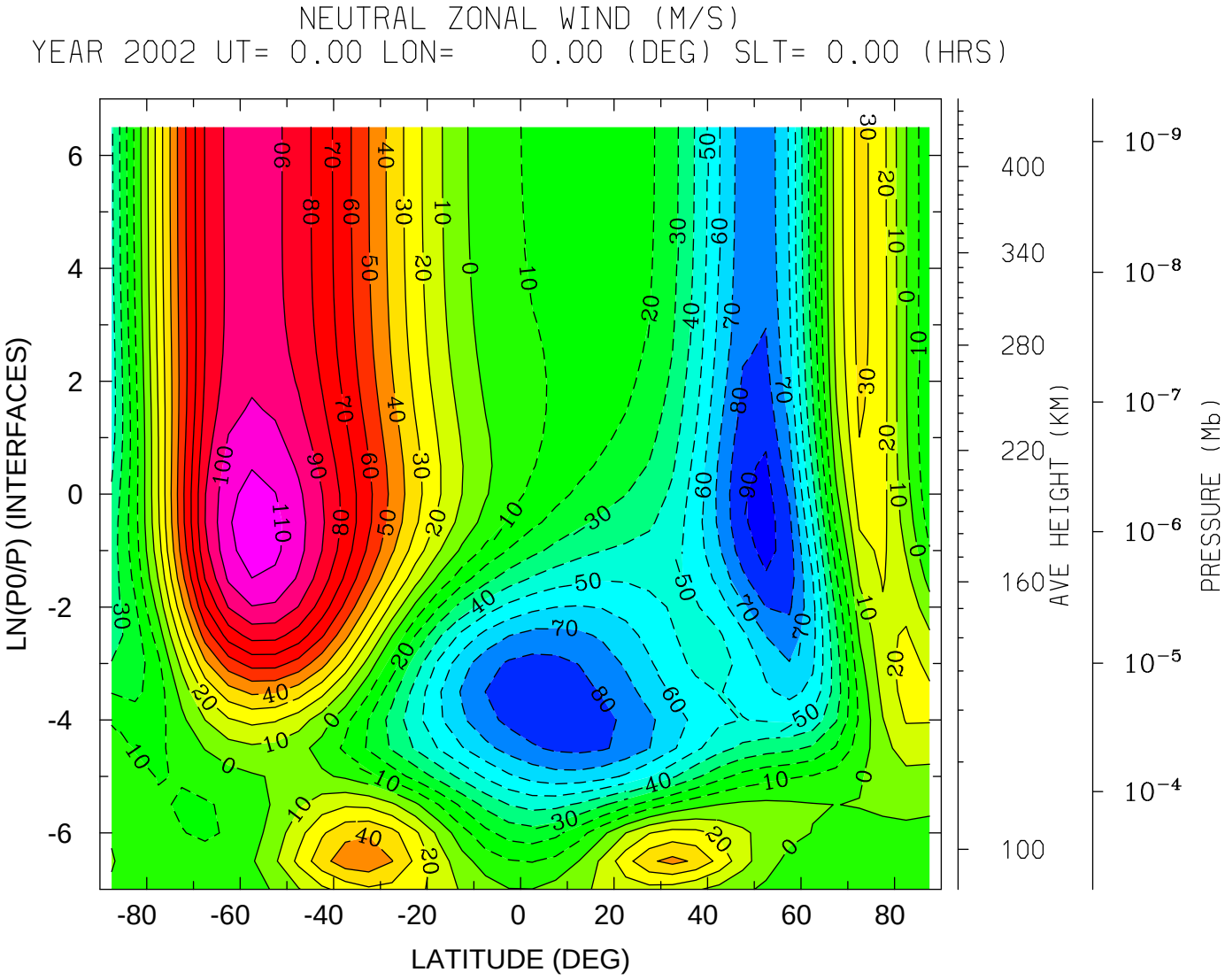
MIN,MAX= 1.6060E+02 8.1674E+02 INTERVAL= 5.0000E+01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= -7.5137E+01 5.0098E+01 INTERVAL= 1.0000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

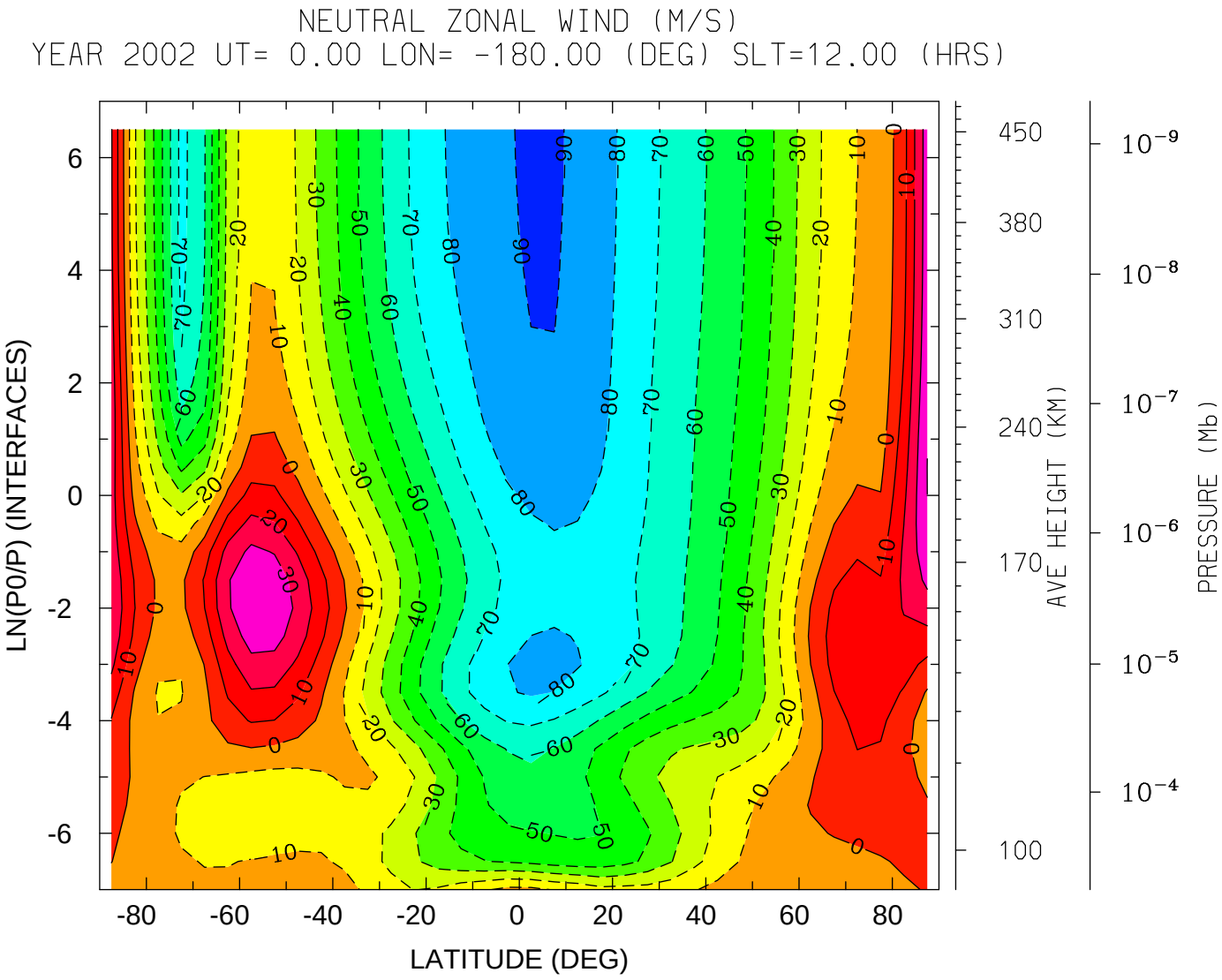
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= -9.5091E+01 1.1560E+02 INTERVAL= 1.0000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

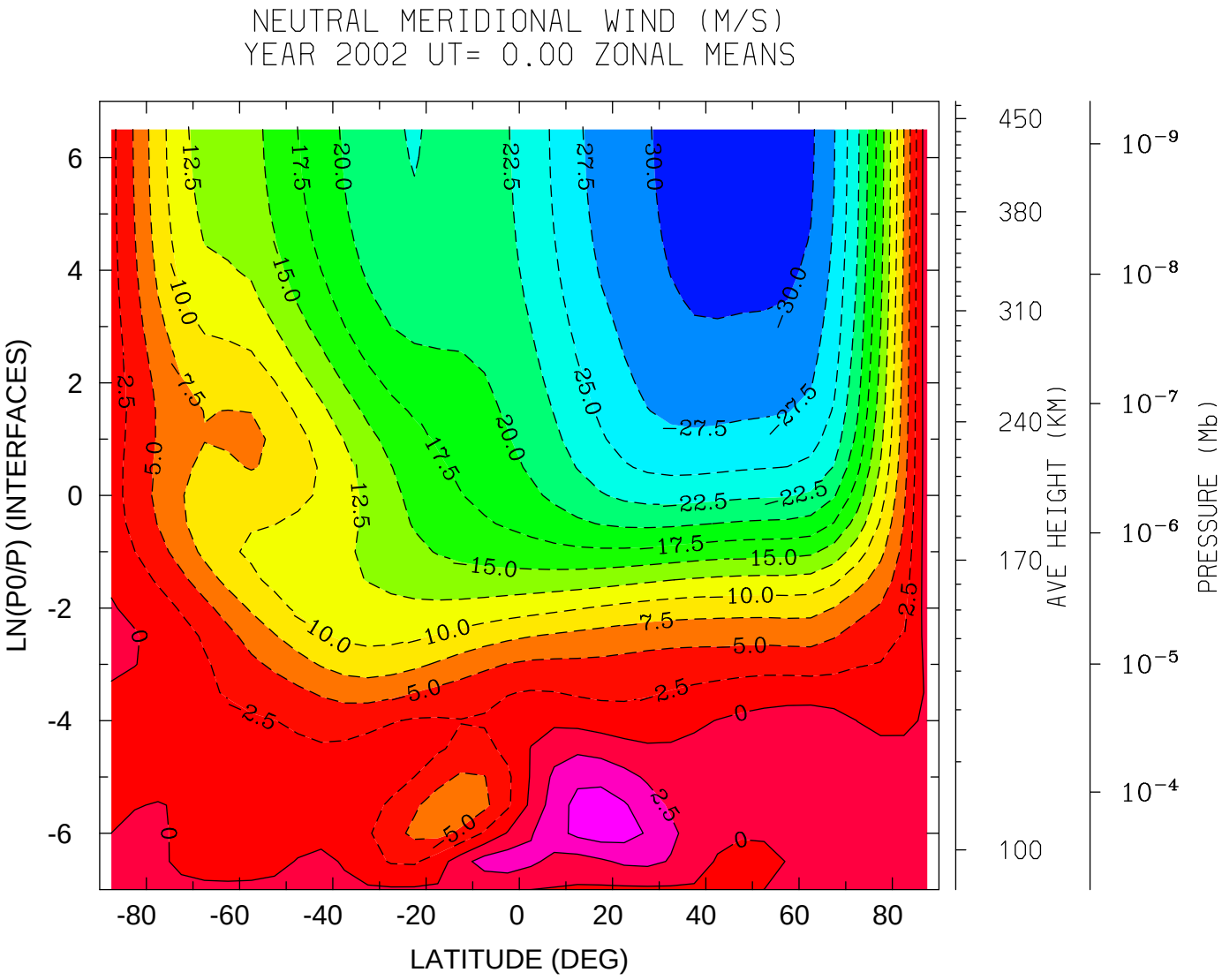
tiegcm1.94-beta.pcntr_junsol_smin.nc

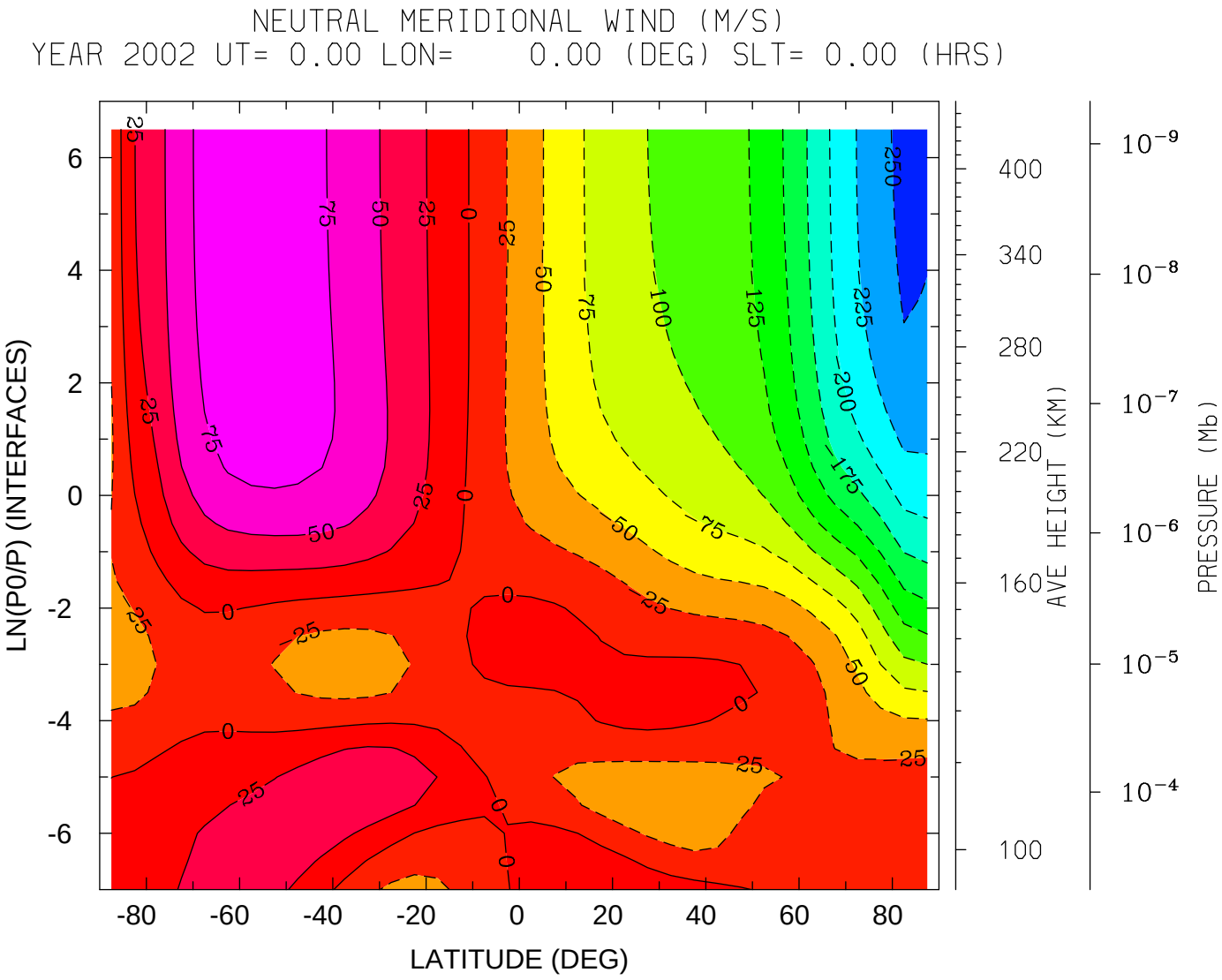


MIN,MAX= -9.1336E+01 4.0134E+01 INTERVAL= 1.0000E+01

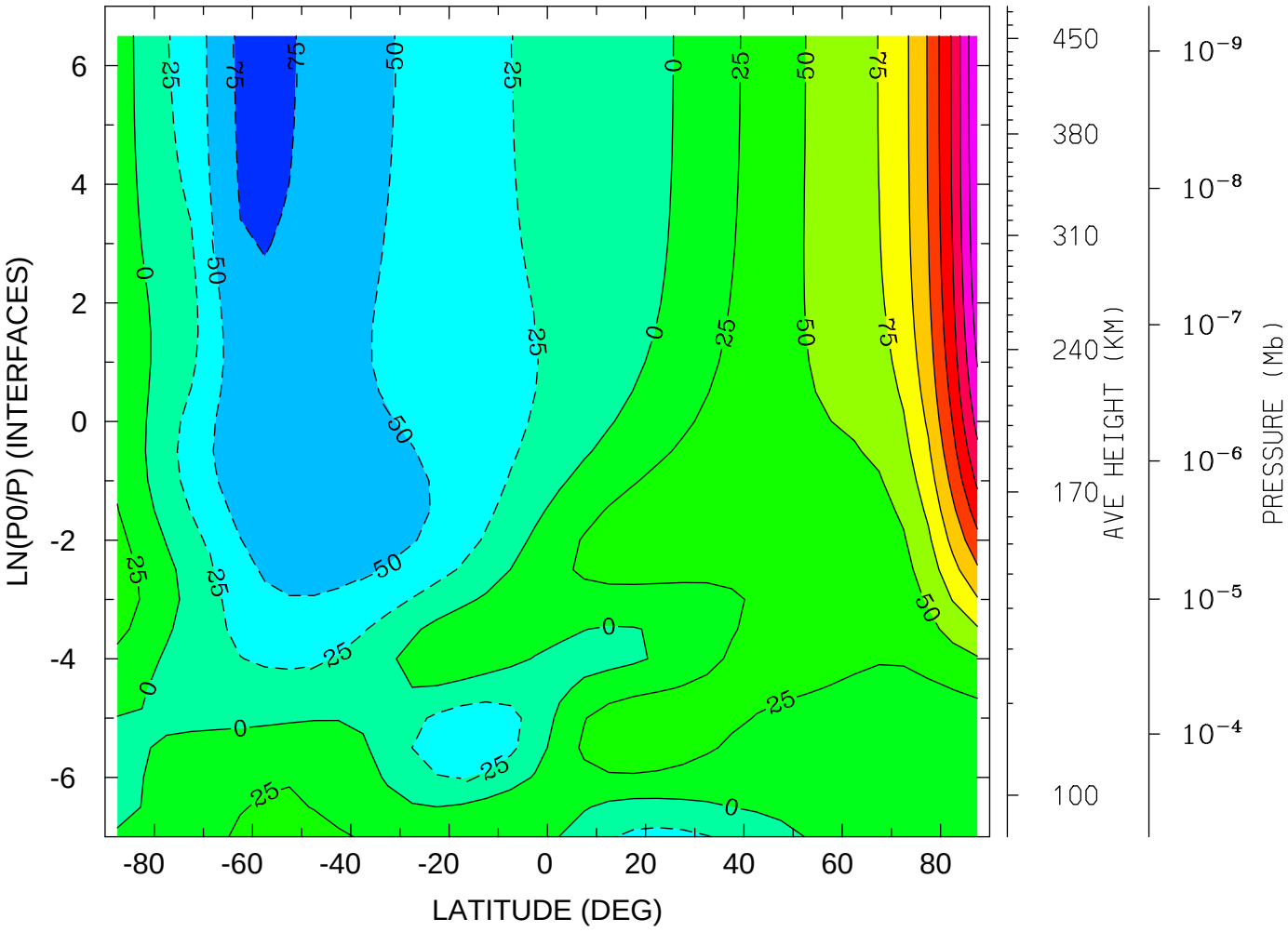
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc

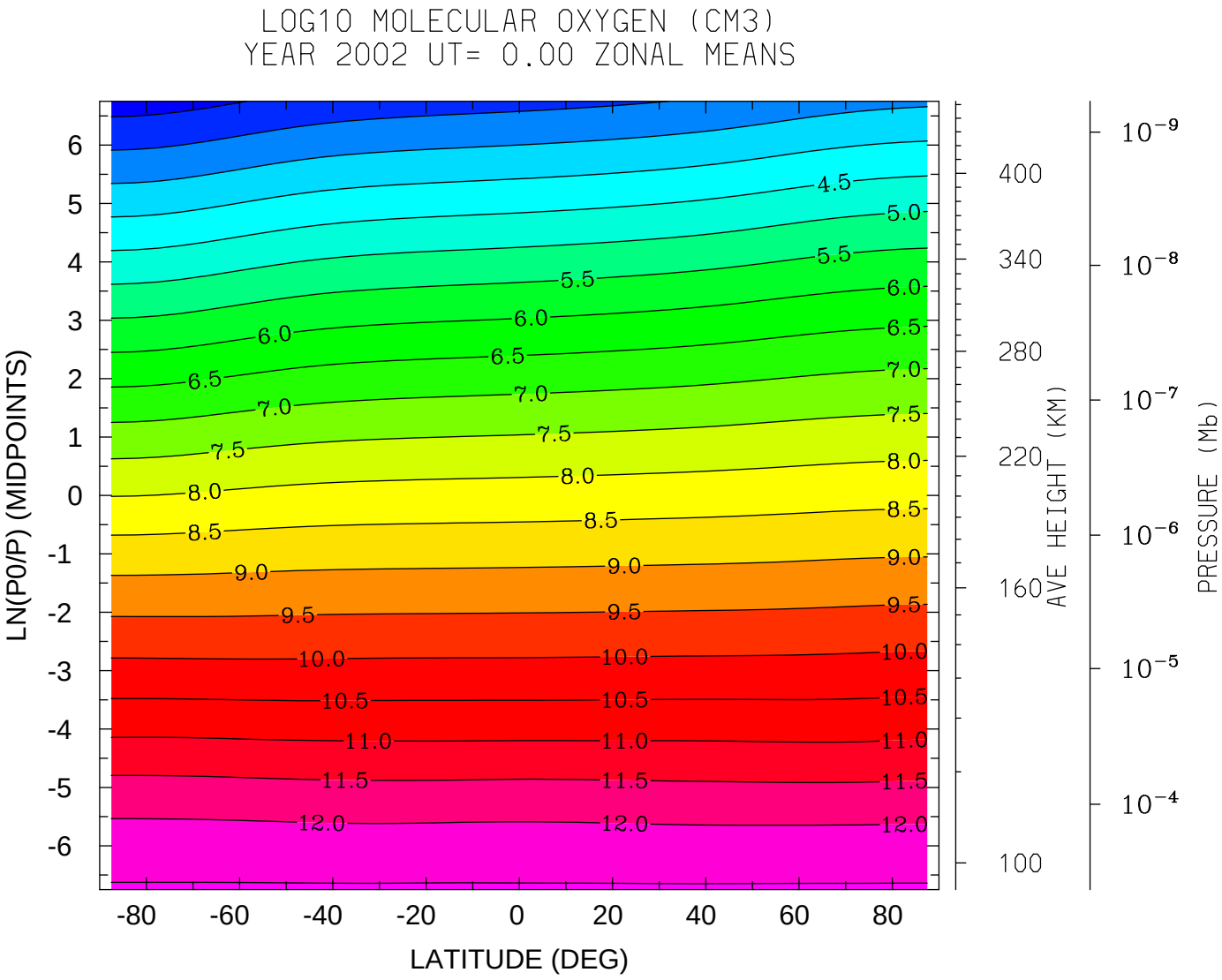

NEUTRAL MERIDIONAL WIND (M/S)
YEAR 2002 UT= 0.00 ZONAL MEANS
LN(P0/P) (INTERFACES)
6
4
2
0
-2
-4
-6
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
450
380
310
240
170
100
AVE HEIGHT (KM)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
PRESSURE (Mb)
MIN,MAX= -3.1683E+01 6.3171E+00 INTERVAL= 2.5000E+00
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

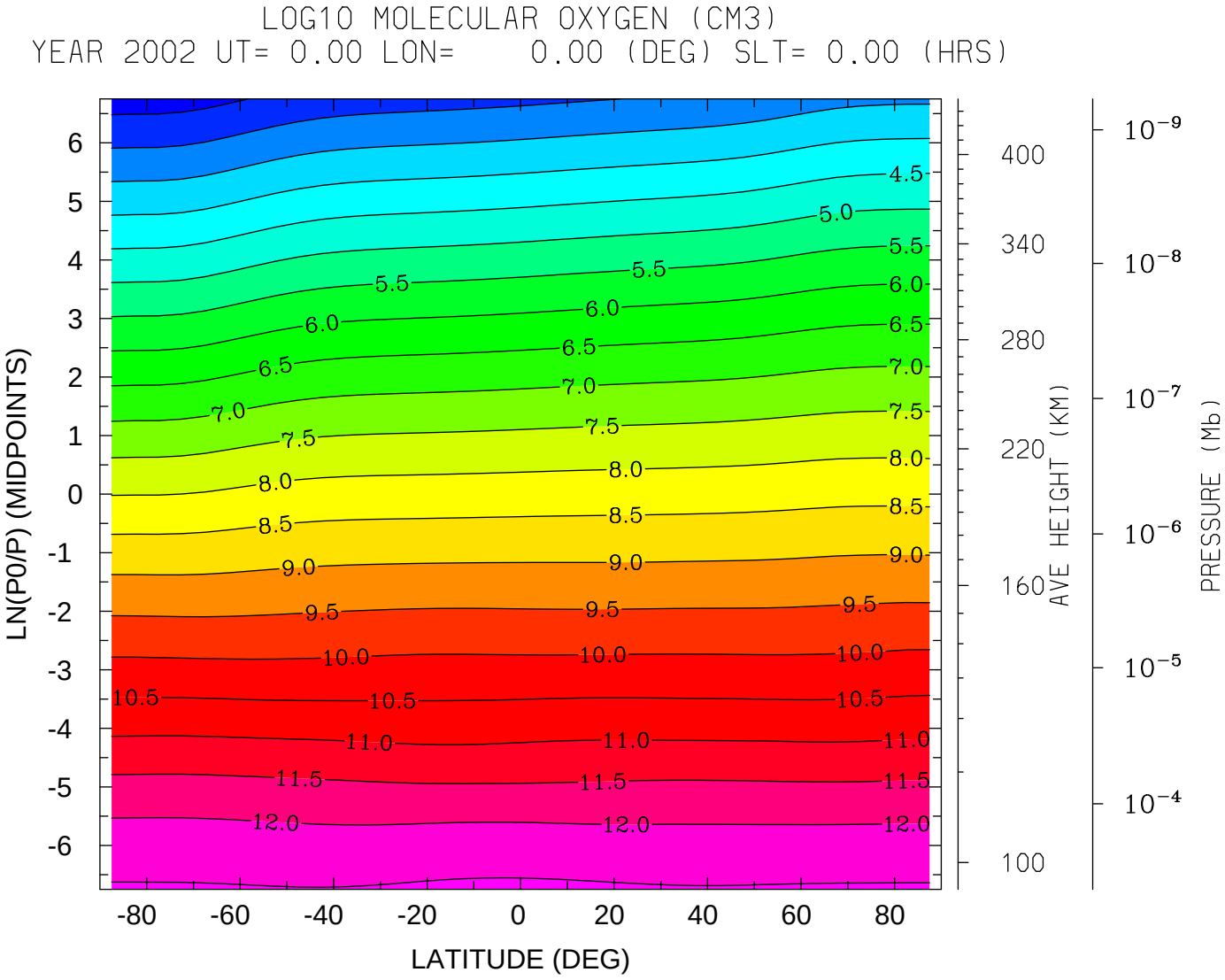

NEUTRAL MERIDIONAL WIND (M/S)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (INTERFACES)
6
4
2
0
-2
-4
-6
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
AVE HEIGHT (KM)
400
340
280
220
160
100
PRESSURE (Mb)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
MIN,MAX= -2.5627E+02 9.2720E+01 INTERVAL= 2.5000E+01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

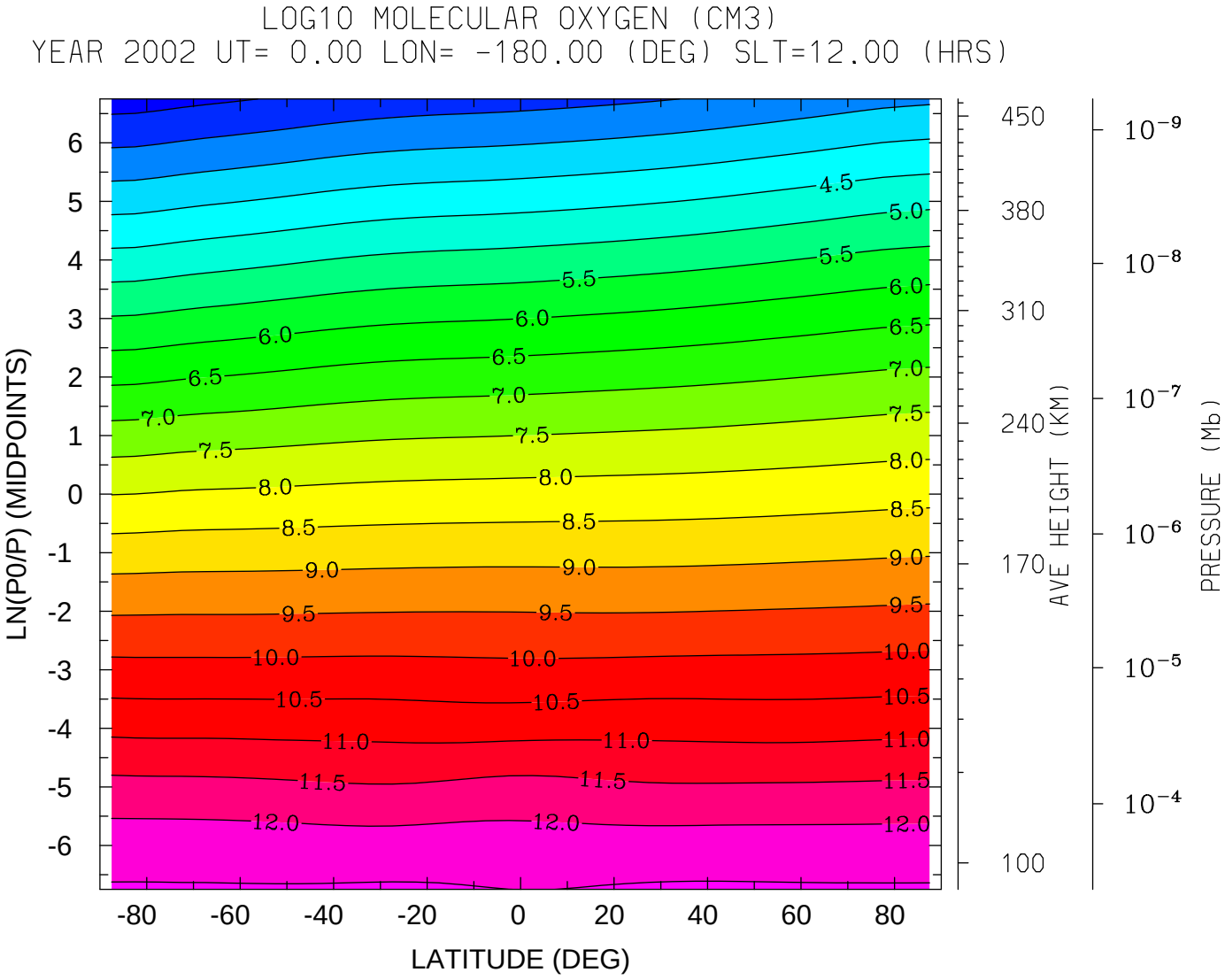
NEUTRAL MERIDIONAL WIND (M/S)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)

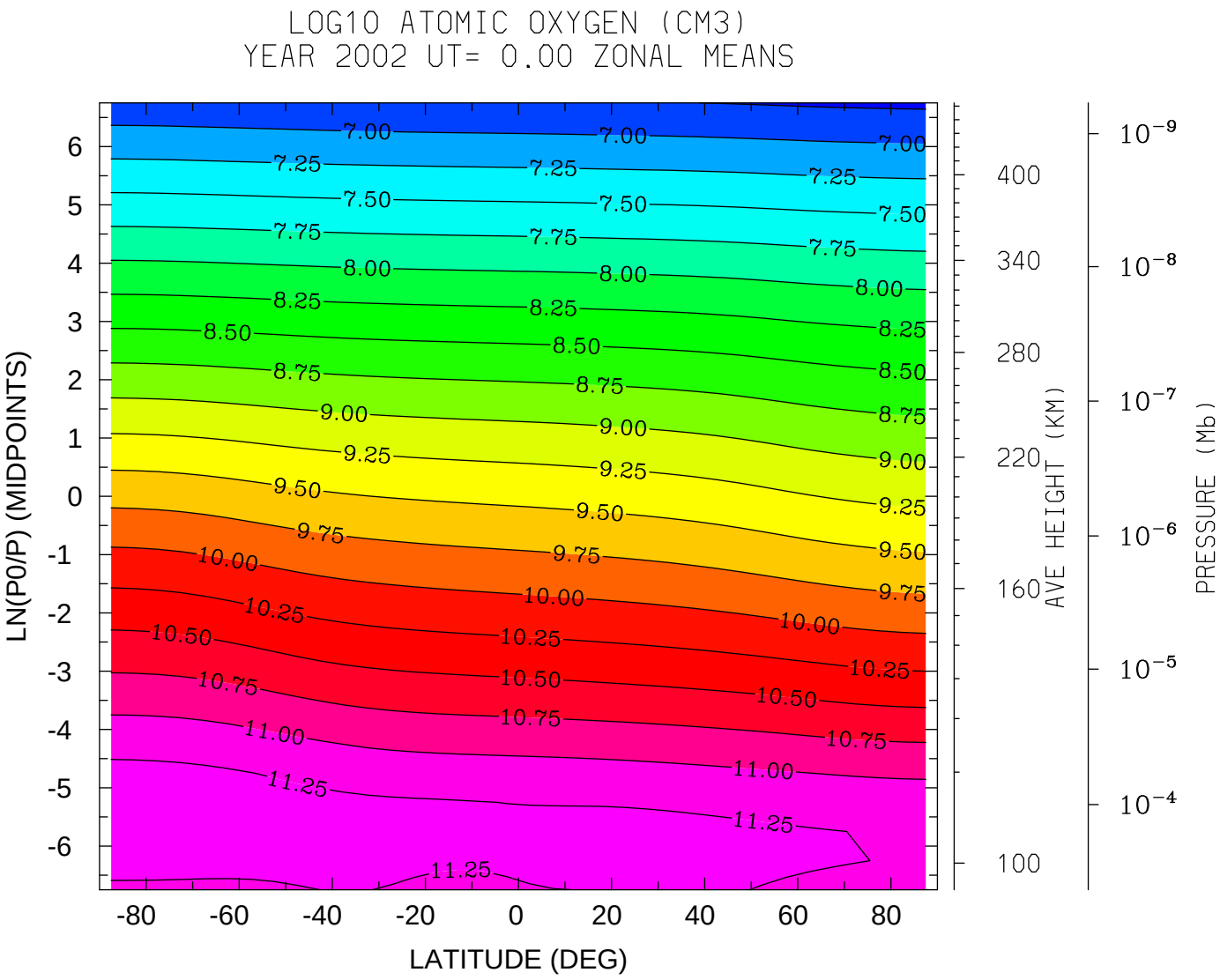


MIN,MAX= -8.0447E+01 2.4931E+02 INTERVAL= 2.5000E+01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

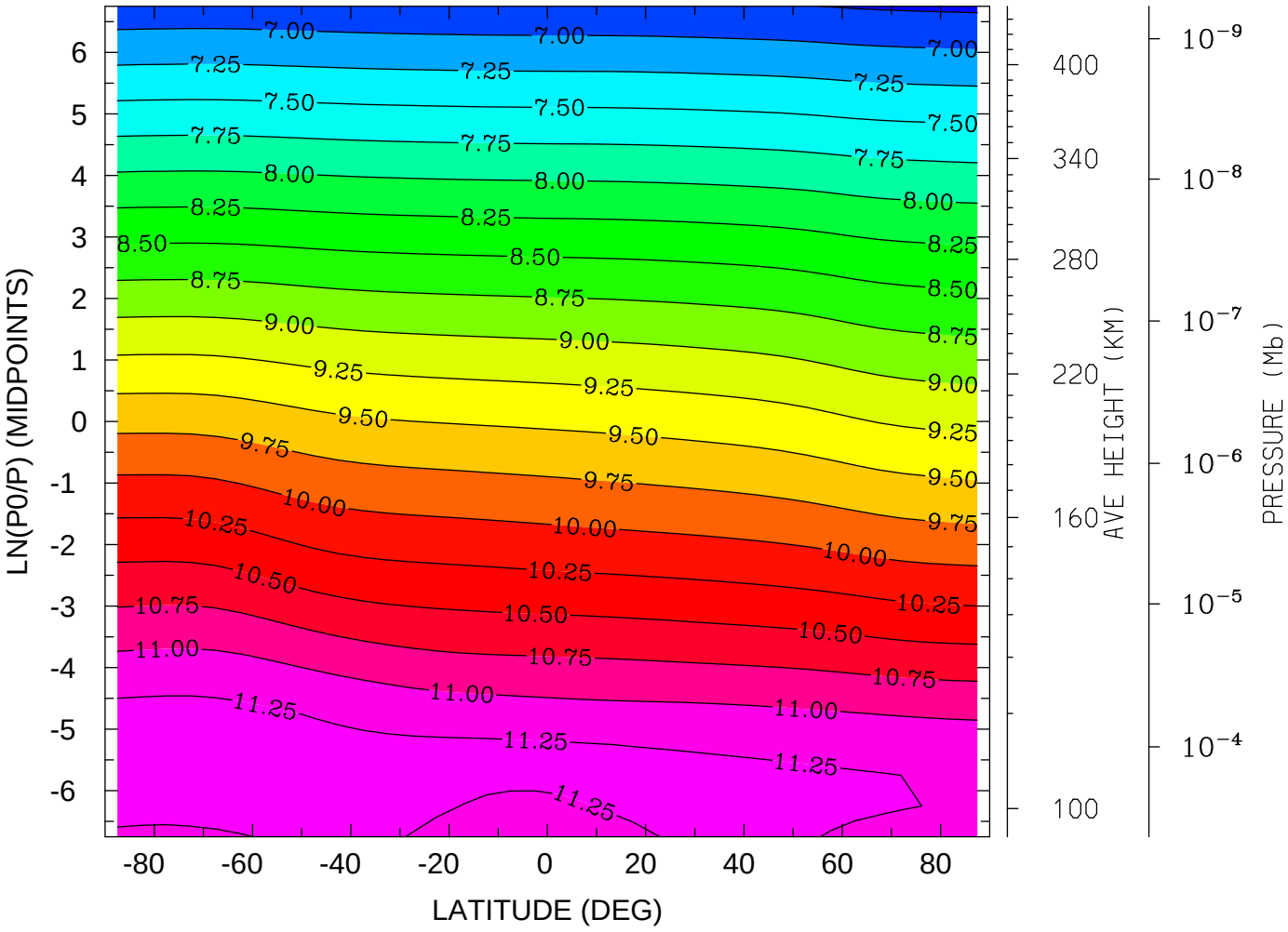

LOG10 MOLECULAR OXYGEN (CM3)
YEAR 2002 UT= 0.00 ZONAL MEANS
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 2.2667E+00 1.2545E+01 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


LOG10 MOLECULAR OXYGEN (CM3)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 2.2628E+00 1.2577E+01 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


LOG10 MOLECULAR OXYGEN (CM3)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 2.2704E+00 1.2560E+01 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

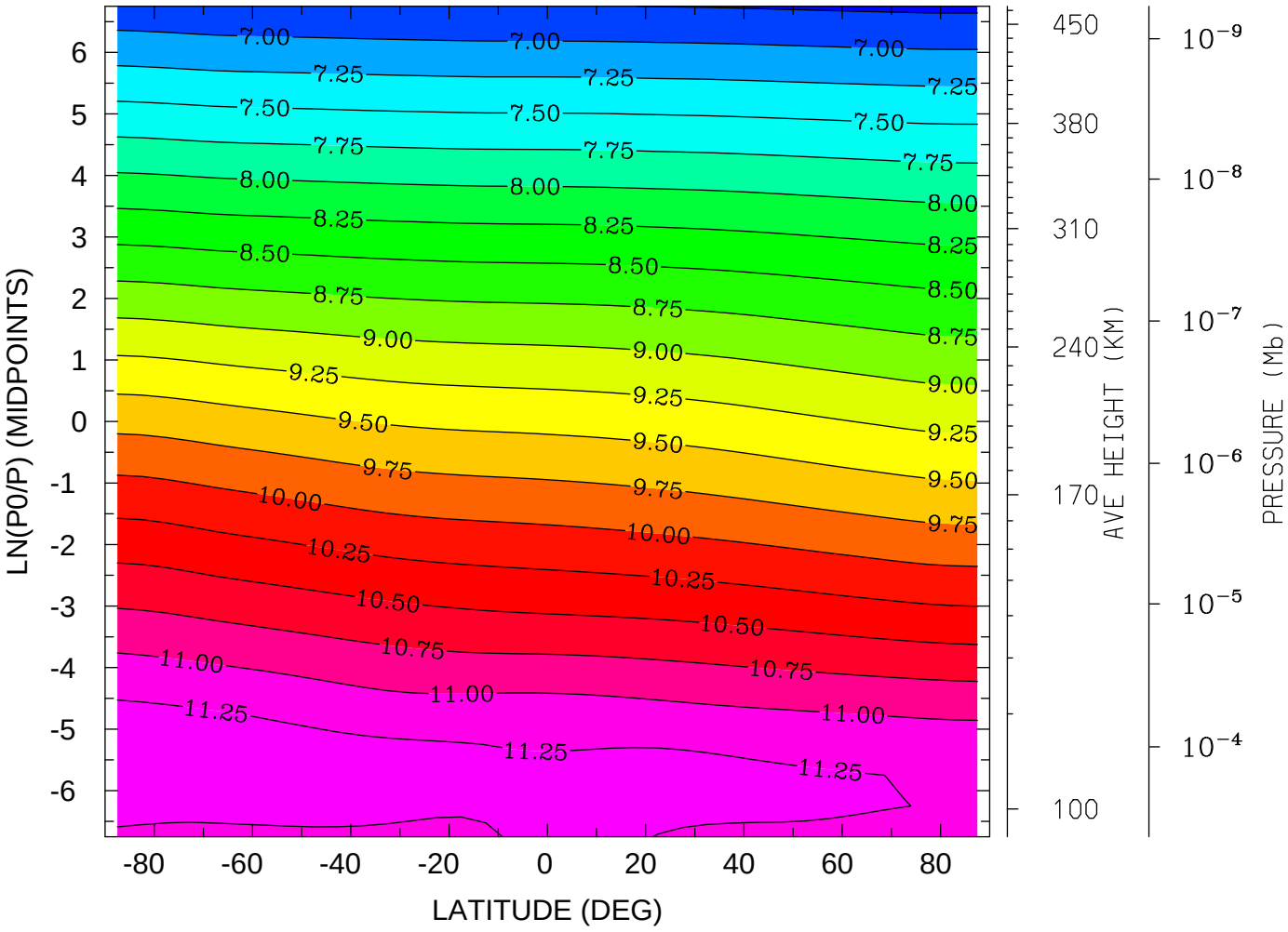

LOG10 ATOMIC OXYGEN (CM3)
YEAR 2002 UT= 0.00 ZONAL MEANS
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 6.7046E+00 1.1418E+01 INTERVAL= 2.5000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

LOG10 ATOMIC OXYGEN (CM3)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)

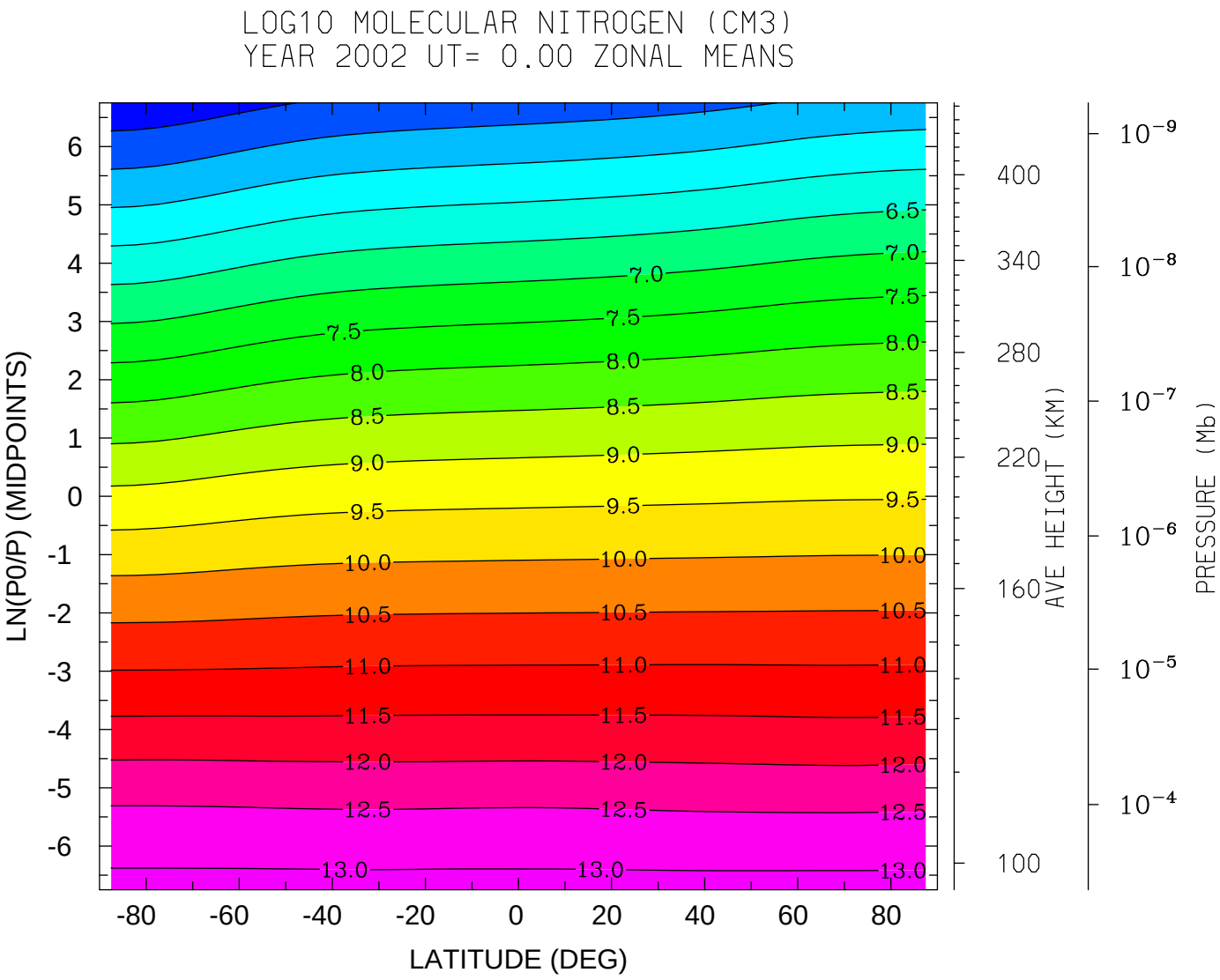


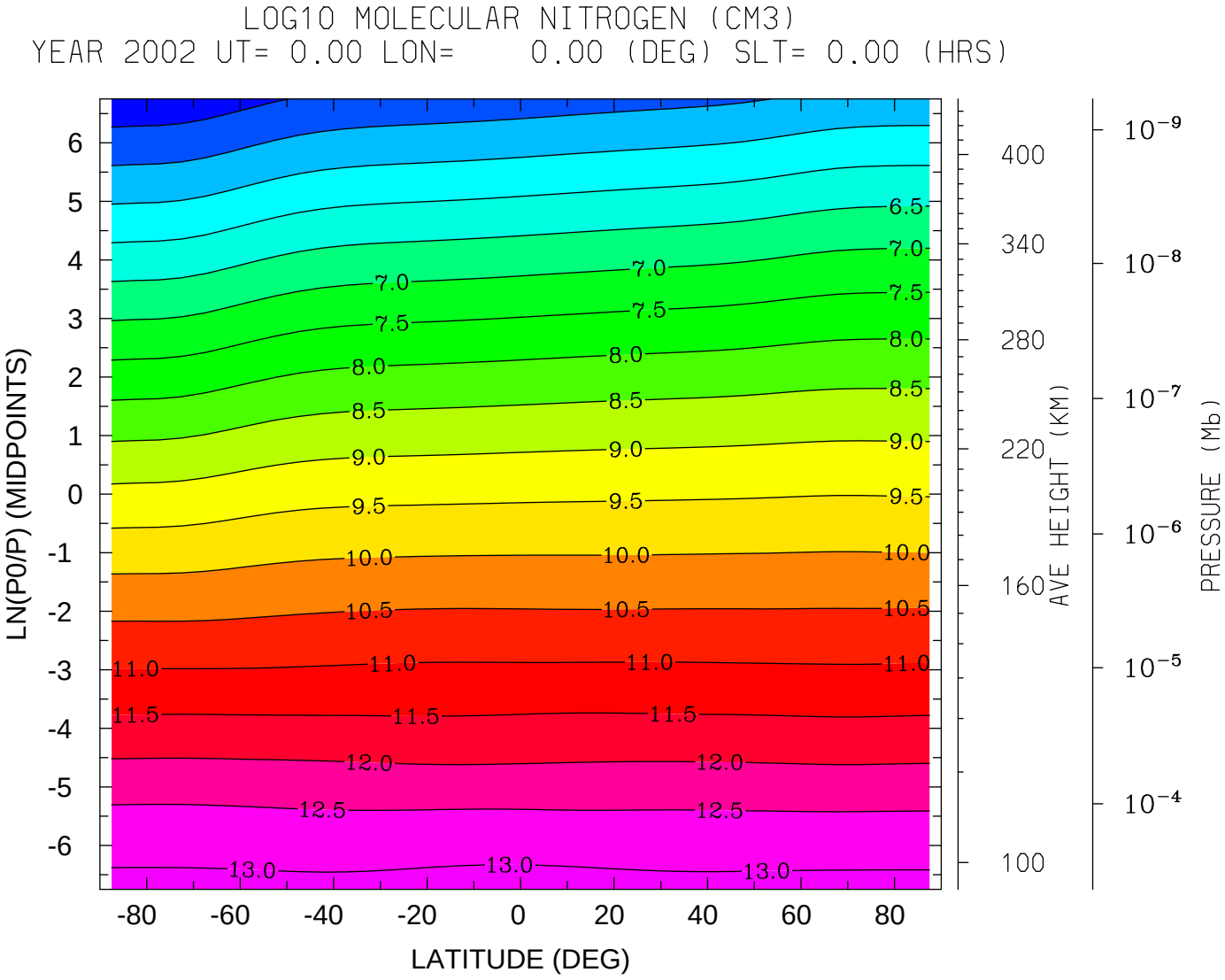
MIN,MAX= 6.7057E+00 1.1421E+01 INTERVAL= 2.5000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

LOG10 ATOMIC OXYGEN (CM3)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= 6.7034E+00 1.1417E+01 INTERVAL= 2.5000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

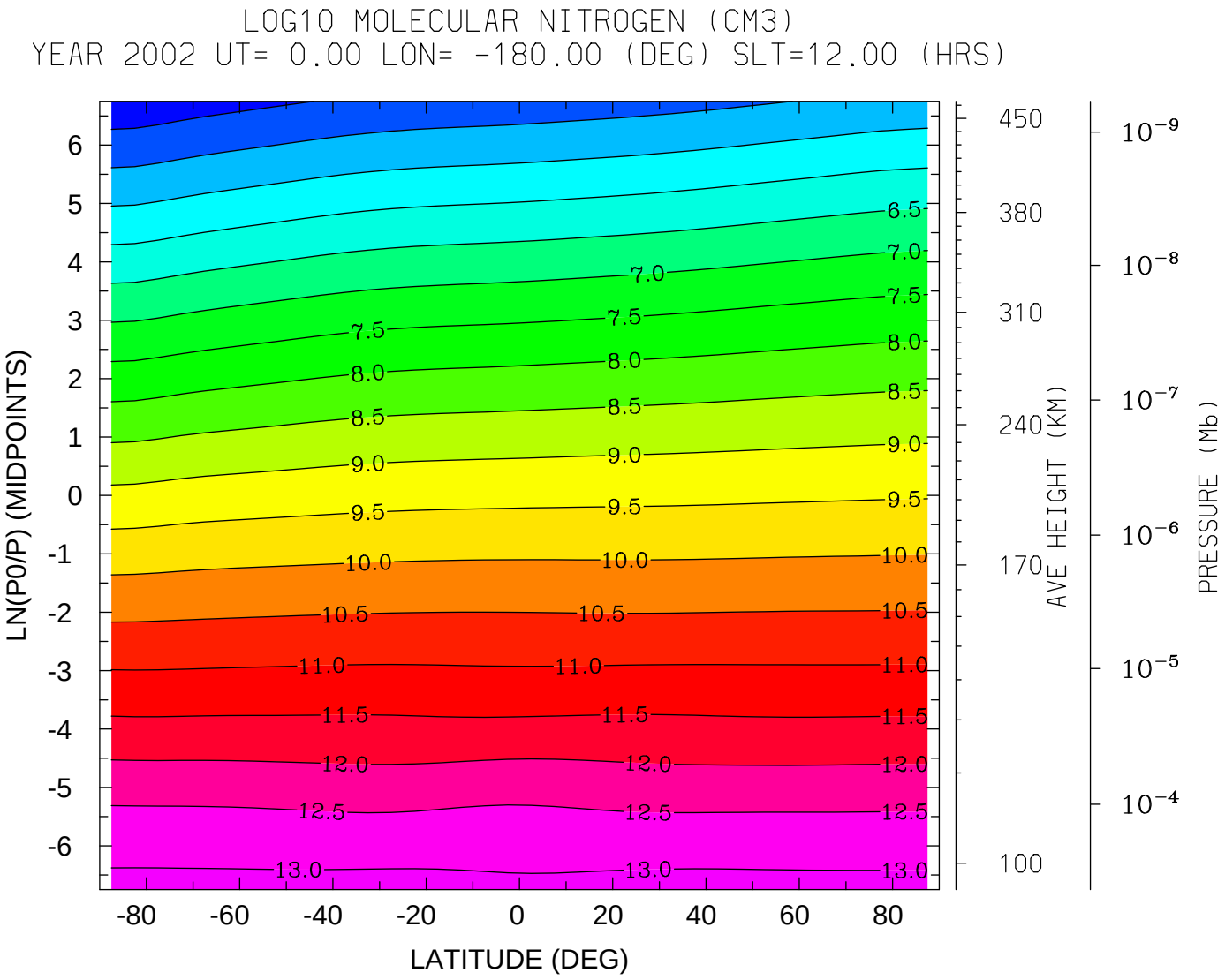

LOG10 MOLECULAR NITROGEN (CM3)
YEAR 2002 UT= 0.00 ZONAL MEANS
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 4.1327E+00 1.3129E+01 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

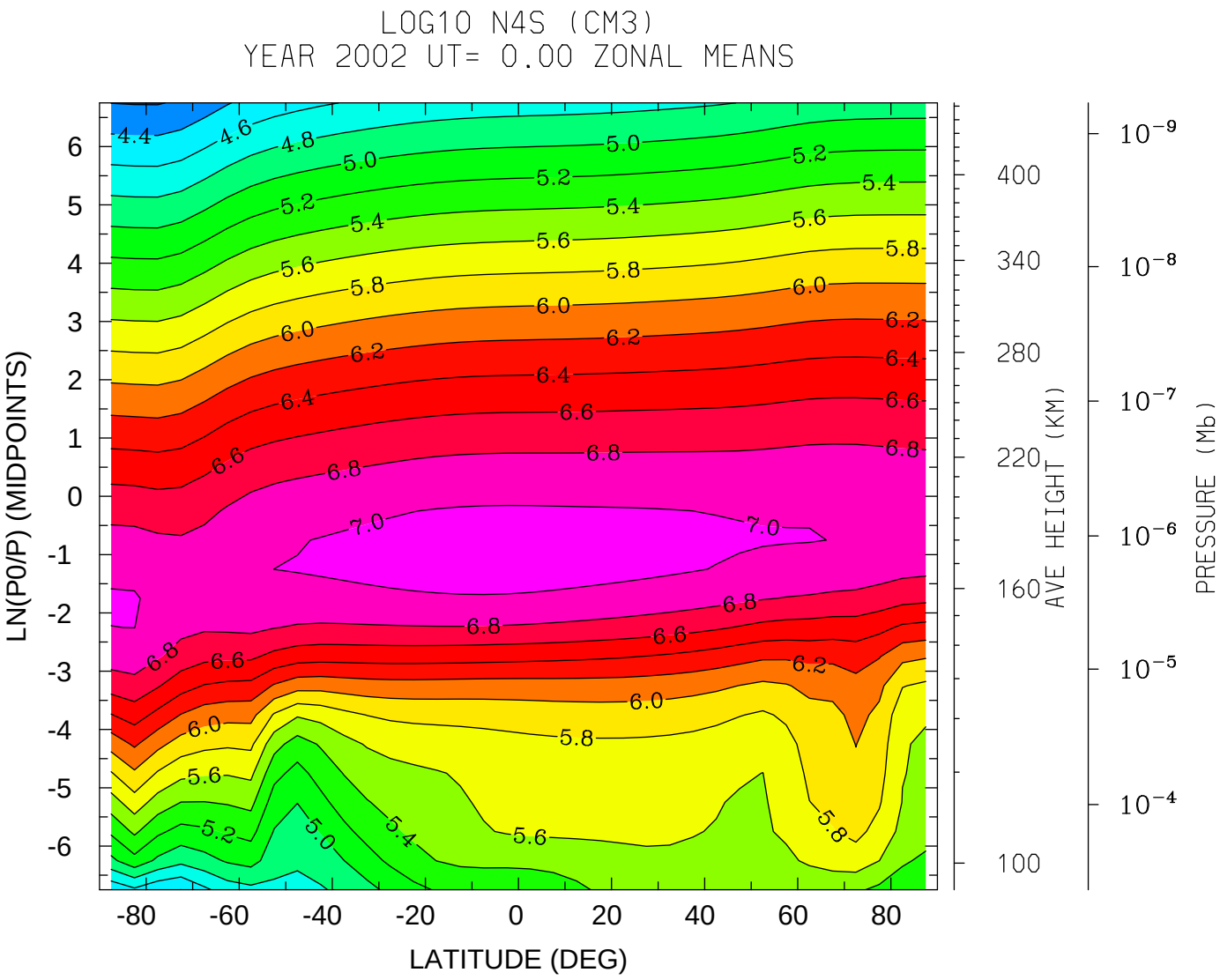


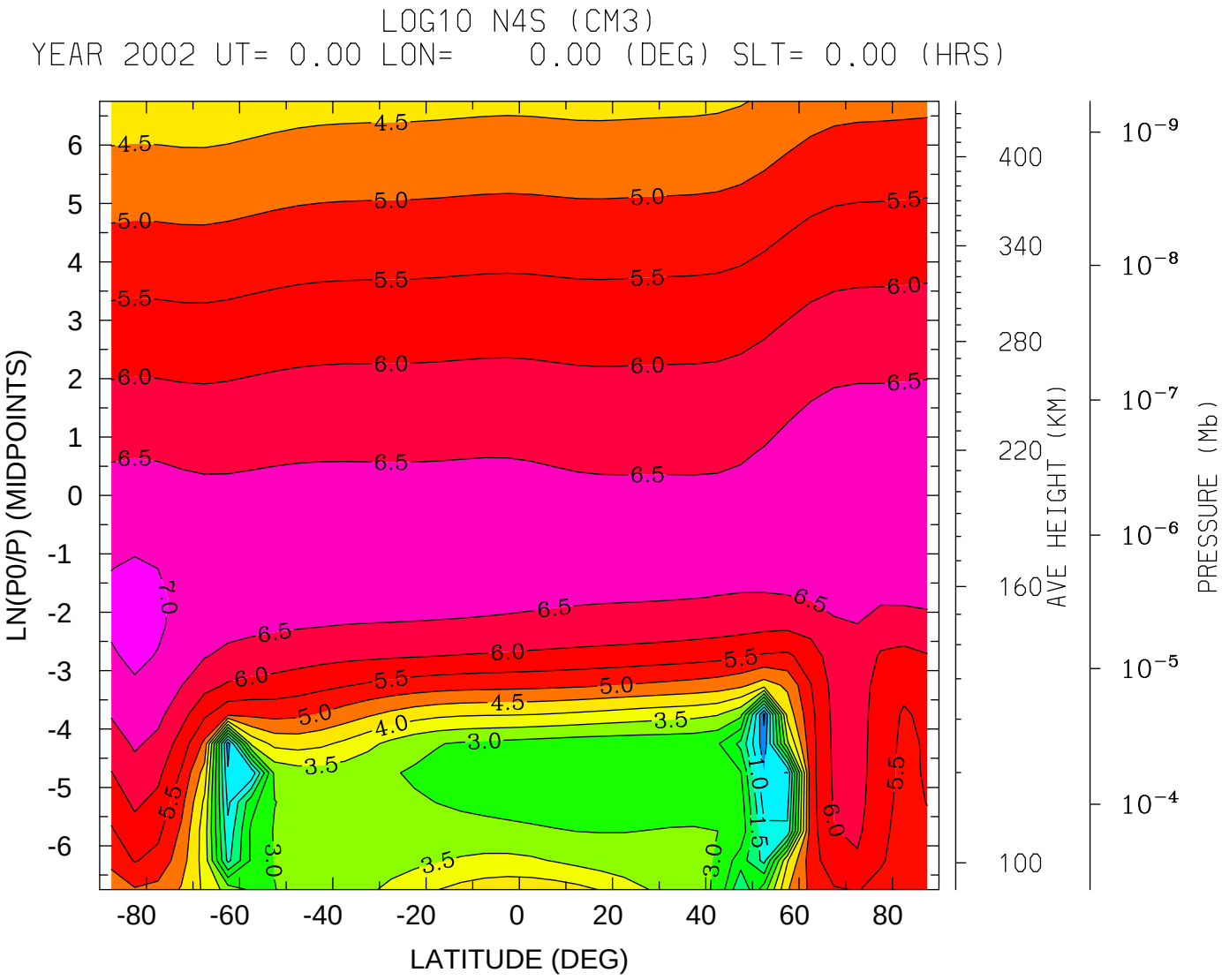
MIN,MAX= 4.1318E+00 1.3156E+01 INTERVAL= 5.0000E-01

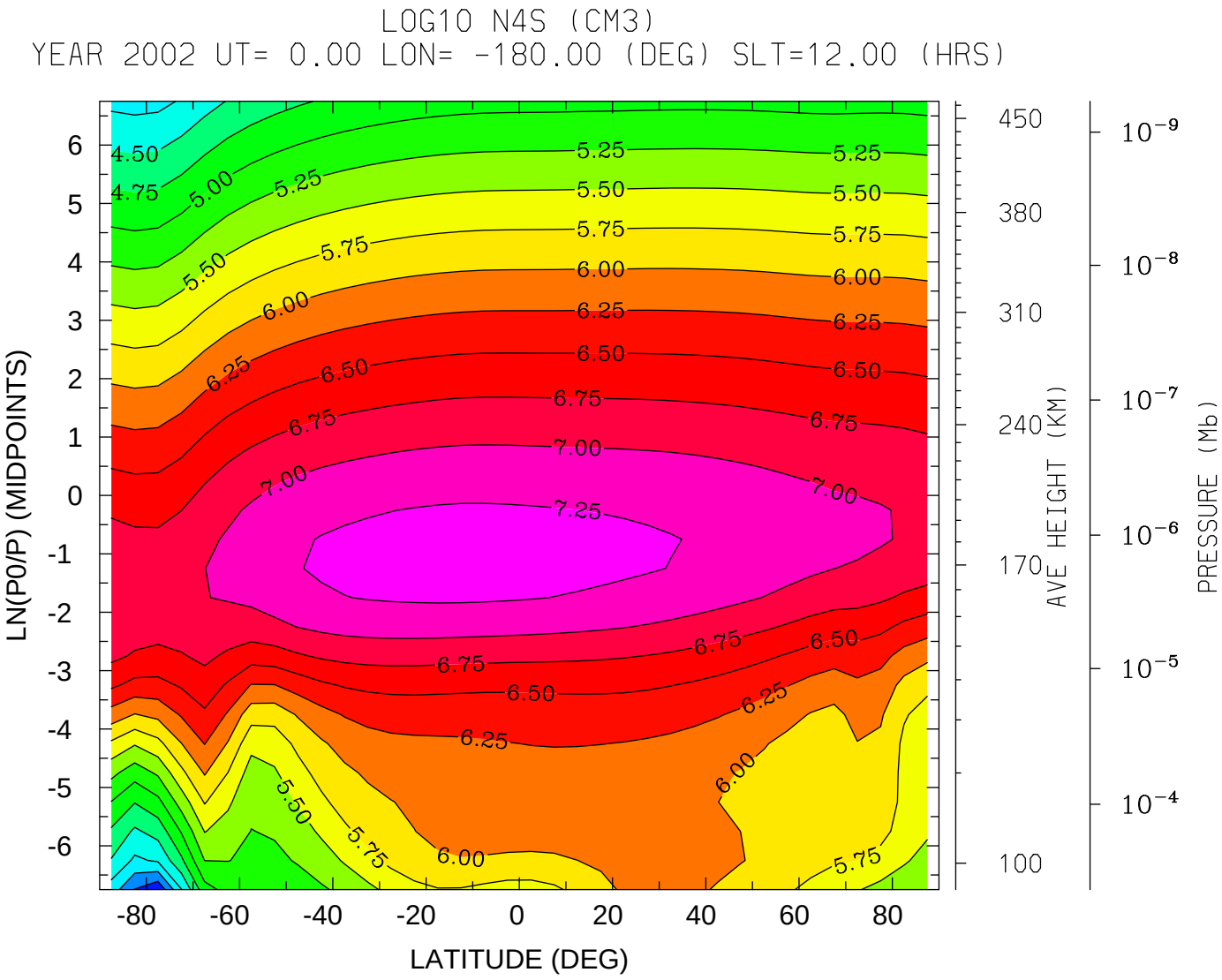
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

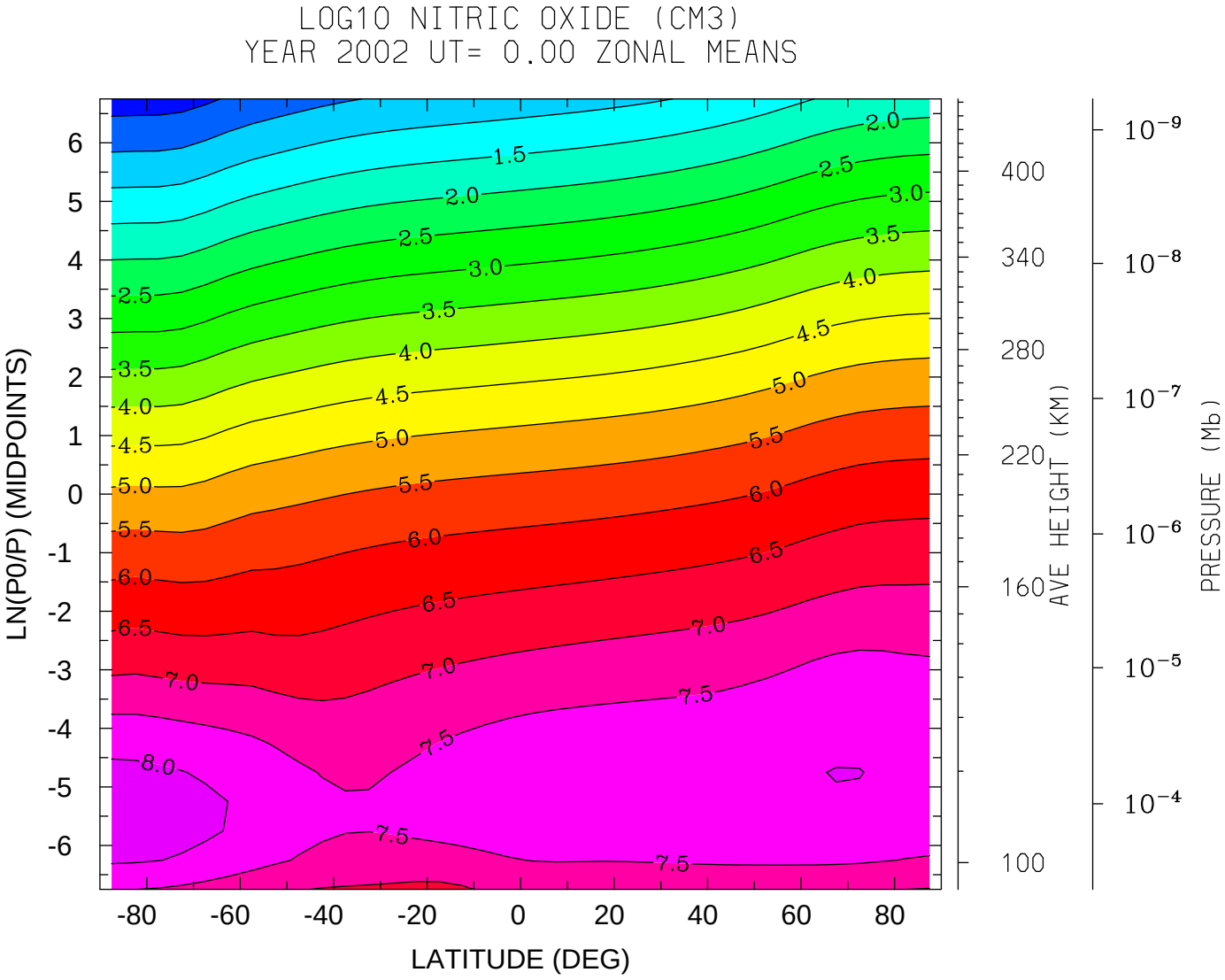
tiegcm1.94-beta.pcntr_junsol_smin.nc

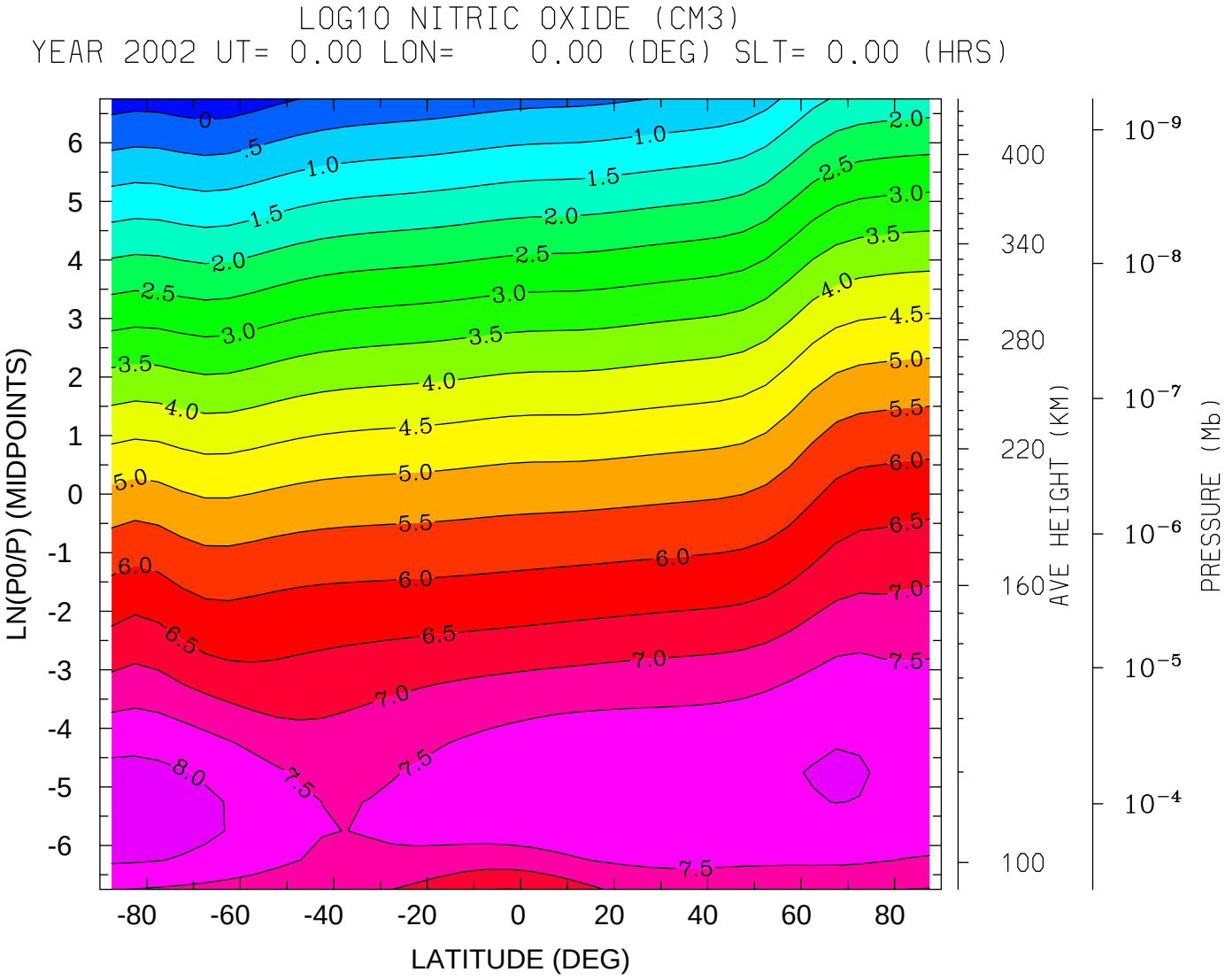

LOG10 MOLECULAR NITROGEN (CM3)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 4.1335E+00 1.3143E+01 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

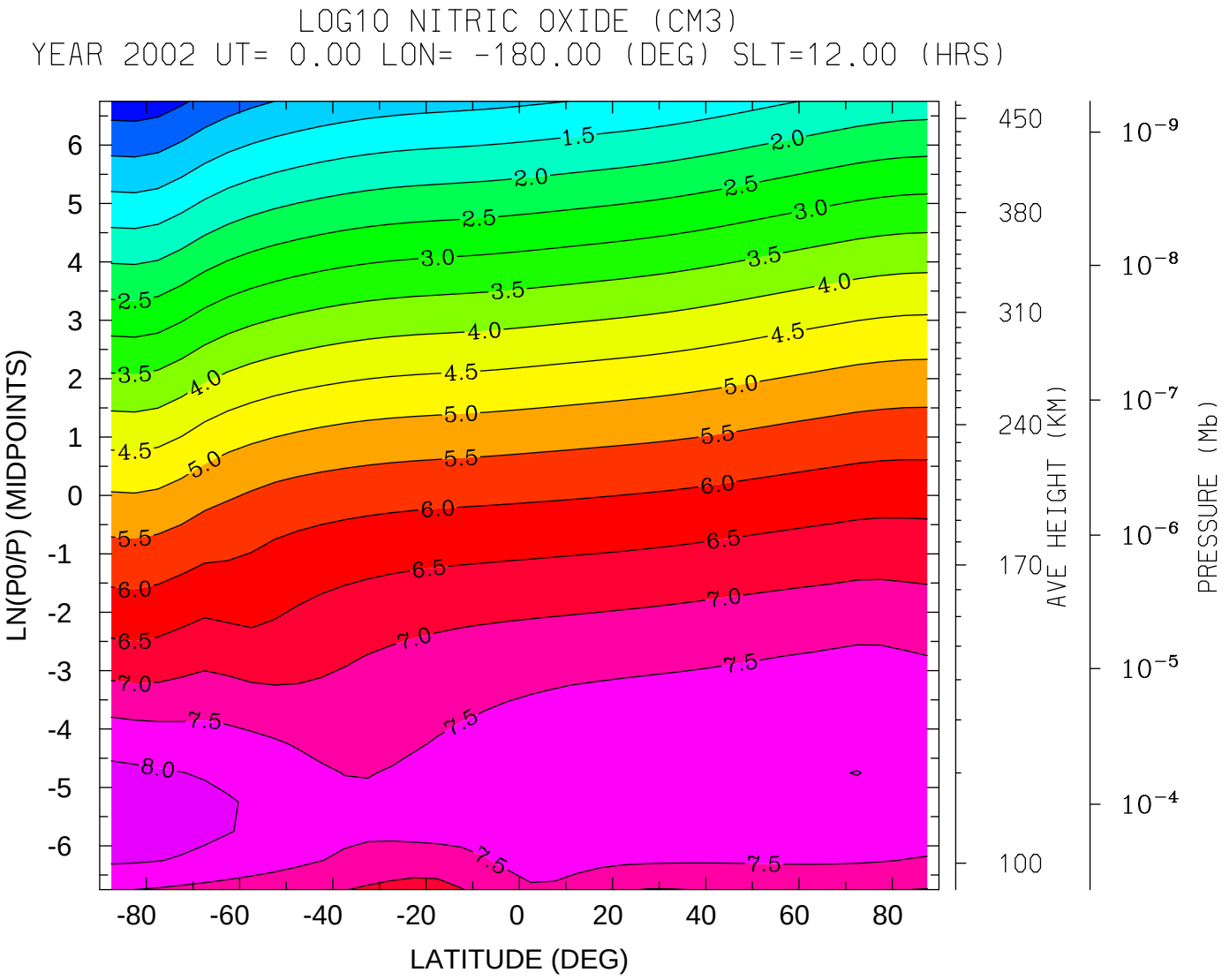

LOG10 N4S (CM3)
YEAR 2002 UT= 0.00 ZONAL MEANS
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 4.1880E+00 7.0762E+00 INTERVAL= 2.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

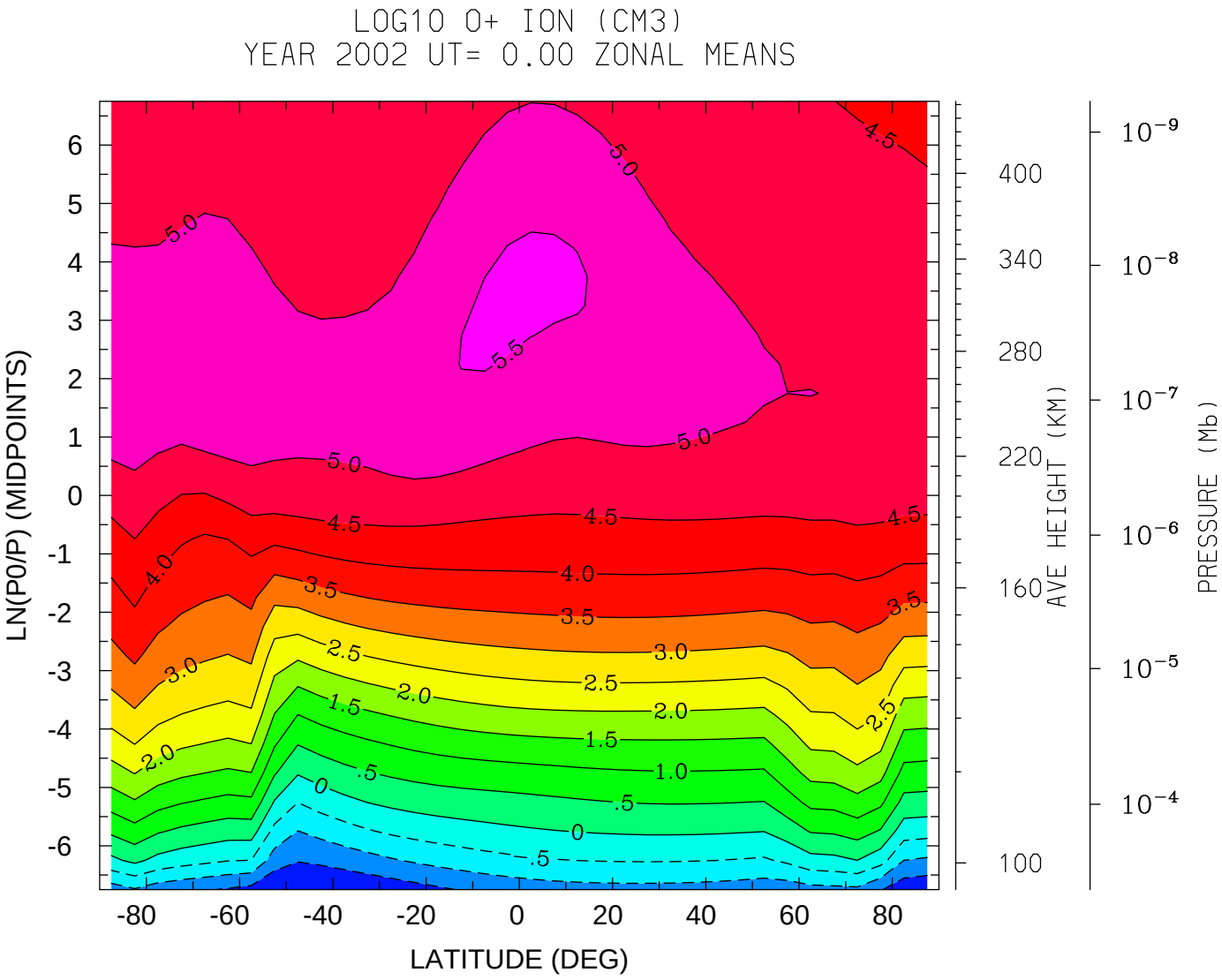

LOG10 N4S (CM3)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.1581E-01 7.1282E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

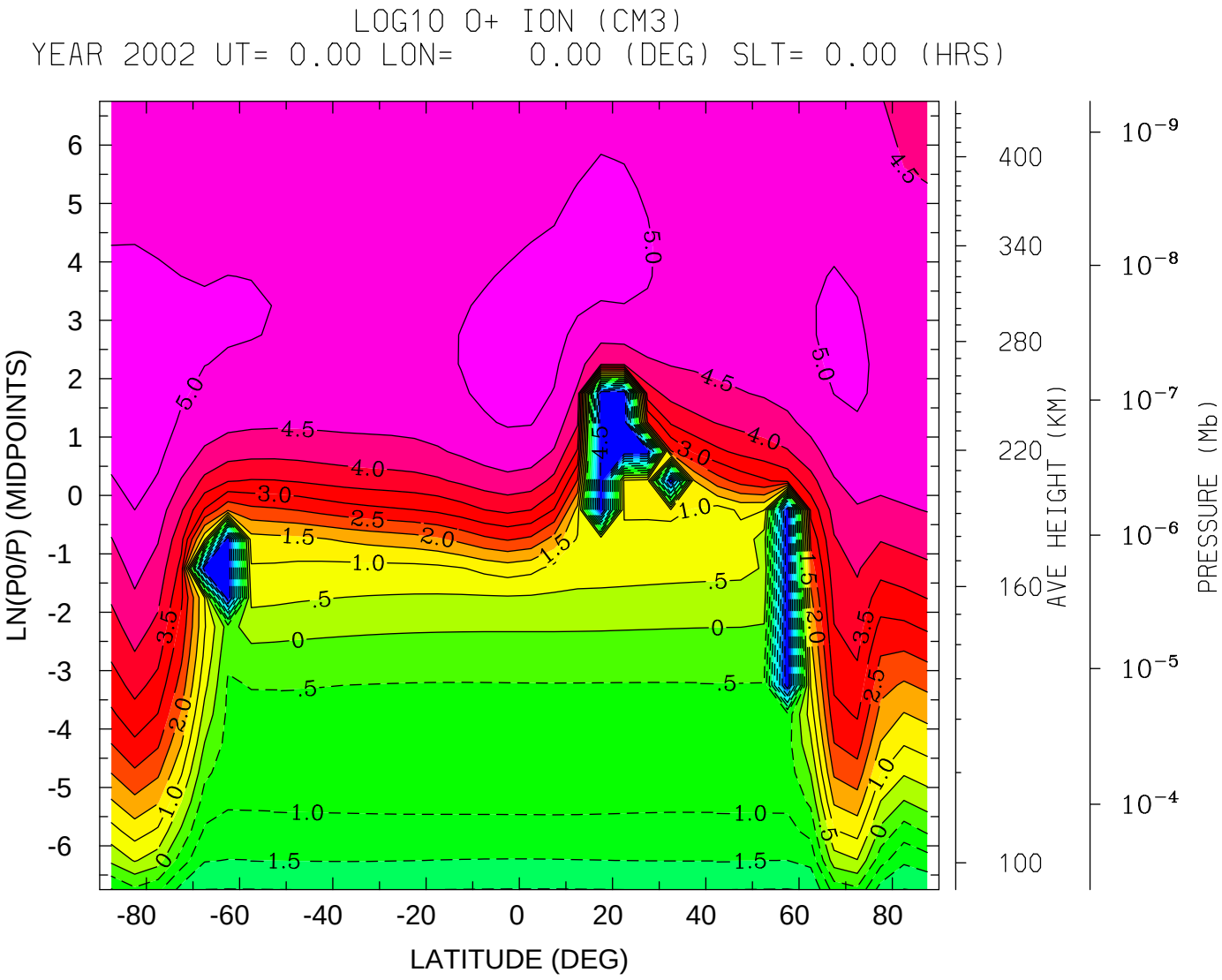

LOG10 N4S (CM3)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 3.5372E+00 7.3568E+00 INTERVAL= 2.5000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

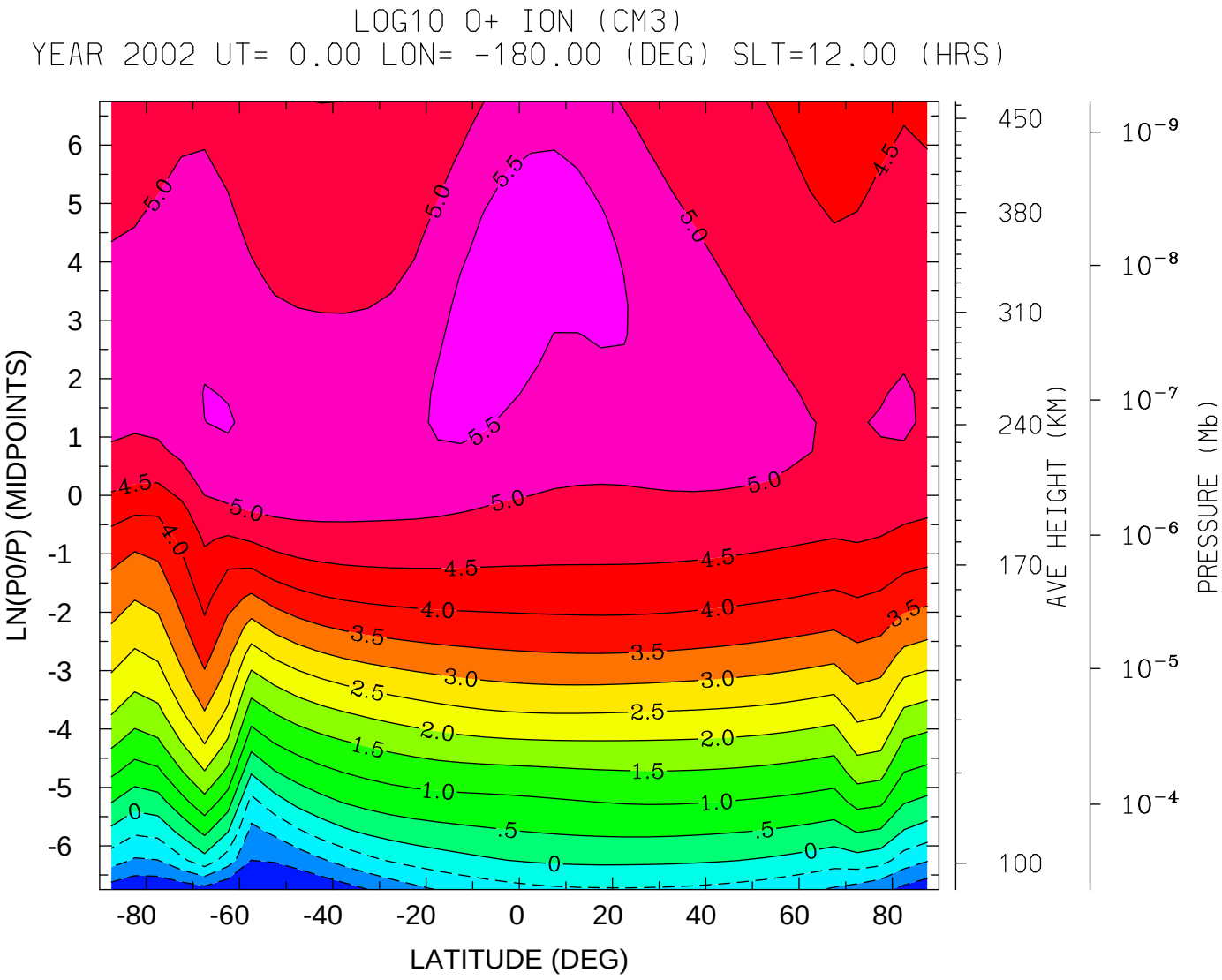

LOG10 NITRIC OXIDE (CM3)
YEAR 2002 UT= 0.00 ZONAL MEANS
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -2.4204E-01 8.2736E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

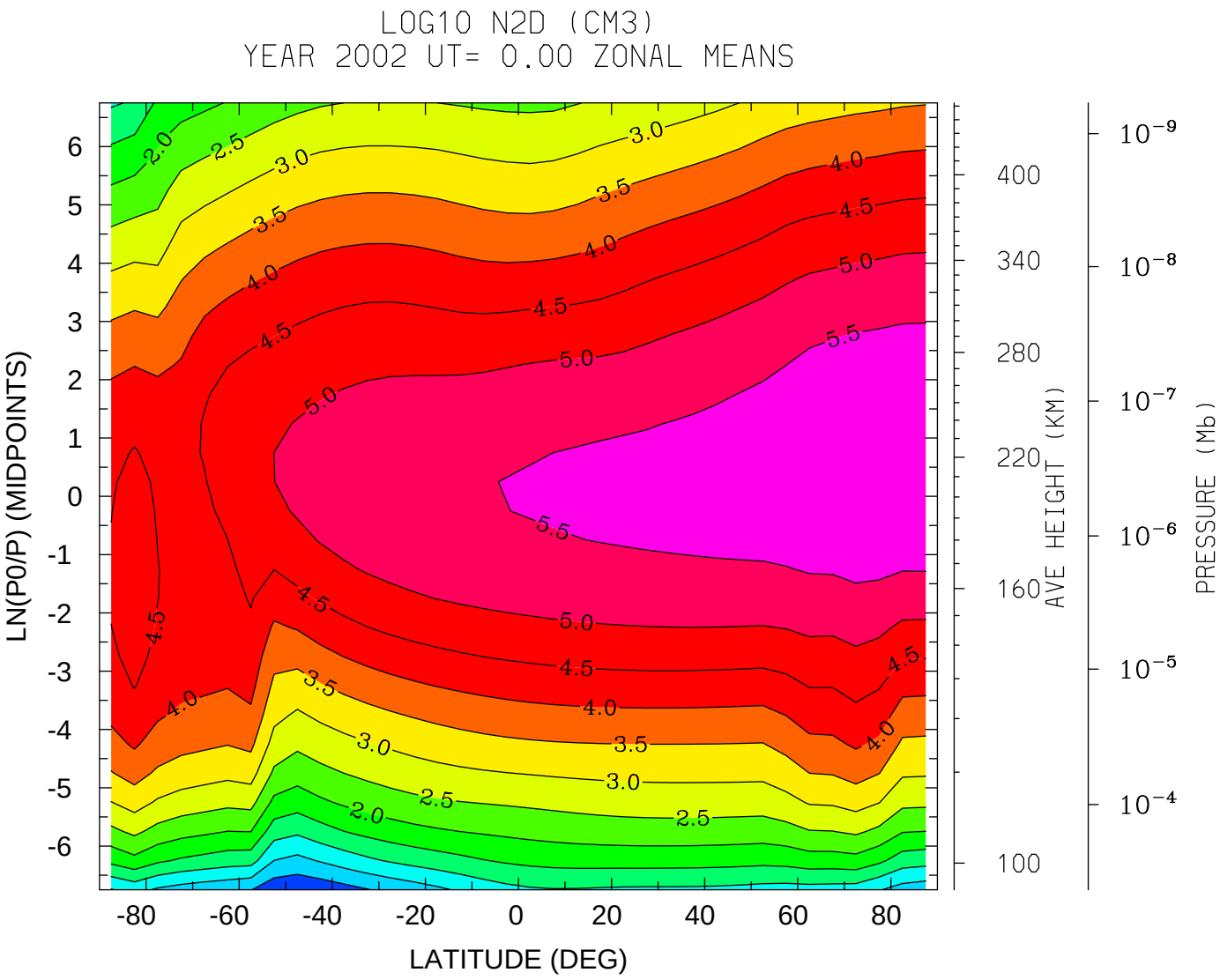

LOG10 NITRIC OXIDE (CM3)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -2.9078E-01 8.2789E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


LOG10 NITRIC OXIDE (CM3)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -2.8041E-01 8.2684E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


LOG10 O+ ION (CM3)
YEAR 2002 UT= 0.00 ZONAL MEANS
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.9991E+00 5.5655E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


LOG10 O+ ION (CM3)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -5.0000E+00 5.2606E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

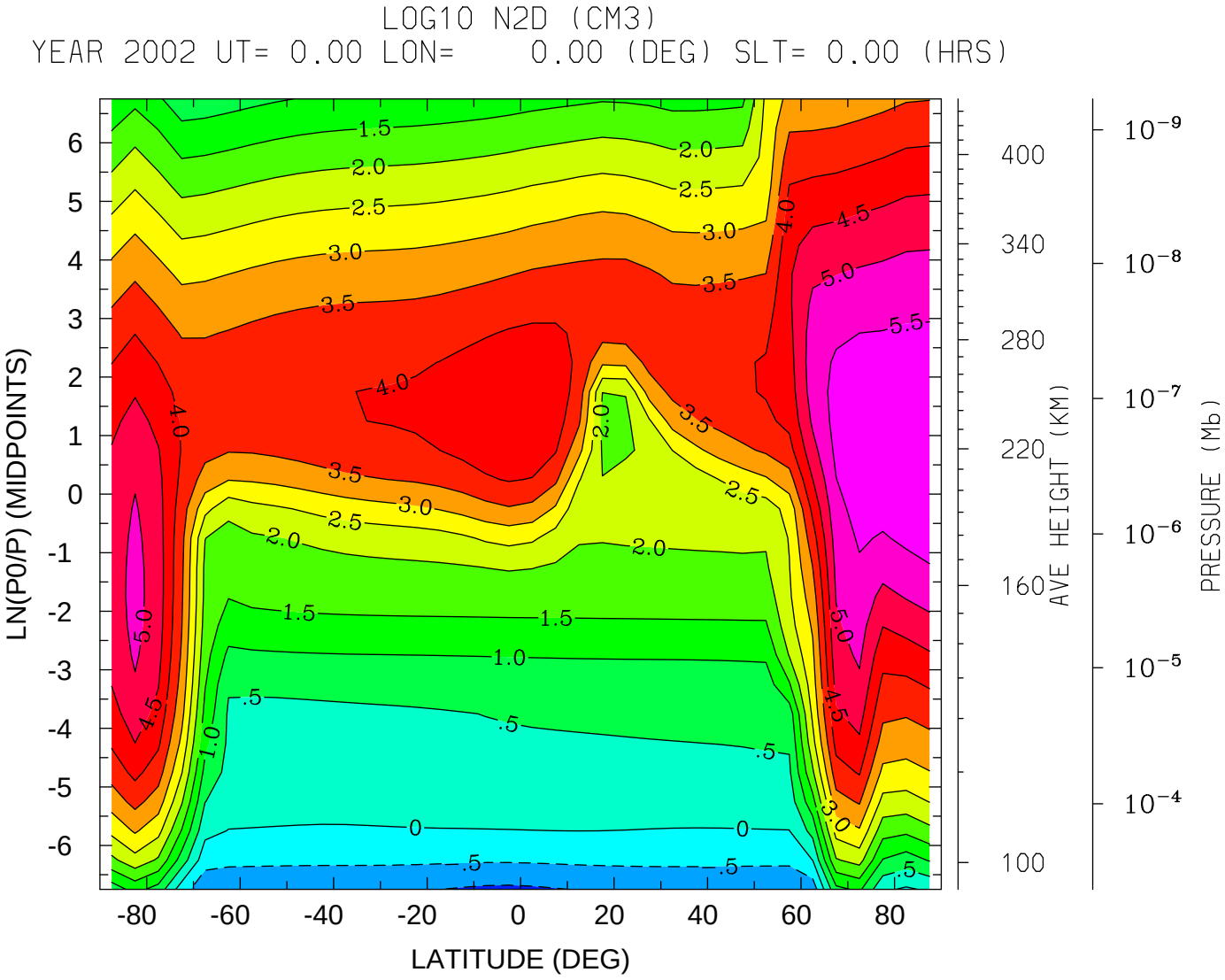

LOG10 O+ ION (CM3)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -2.0070E+00 5.7843E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

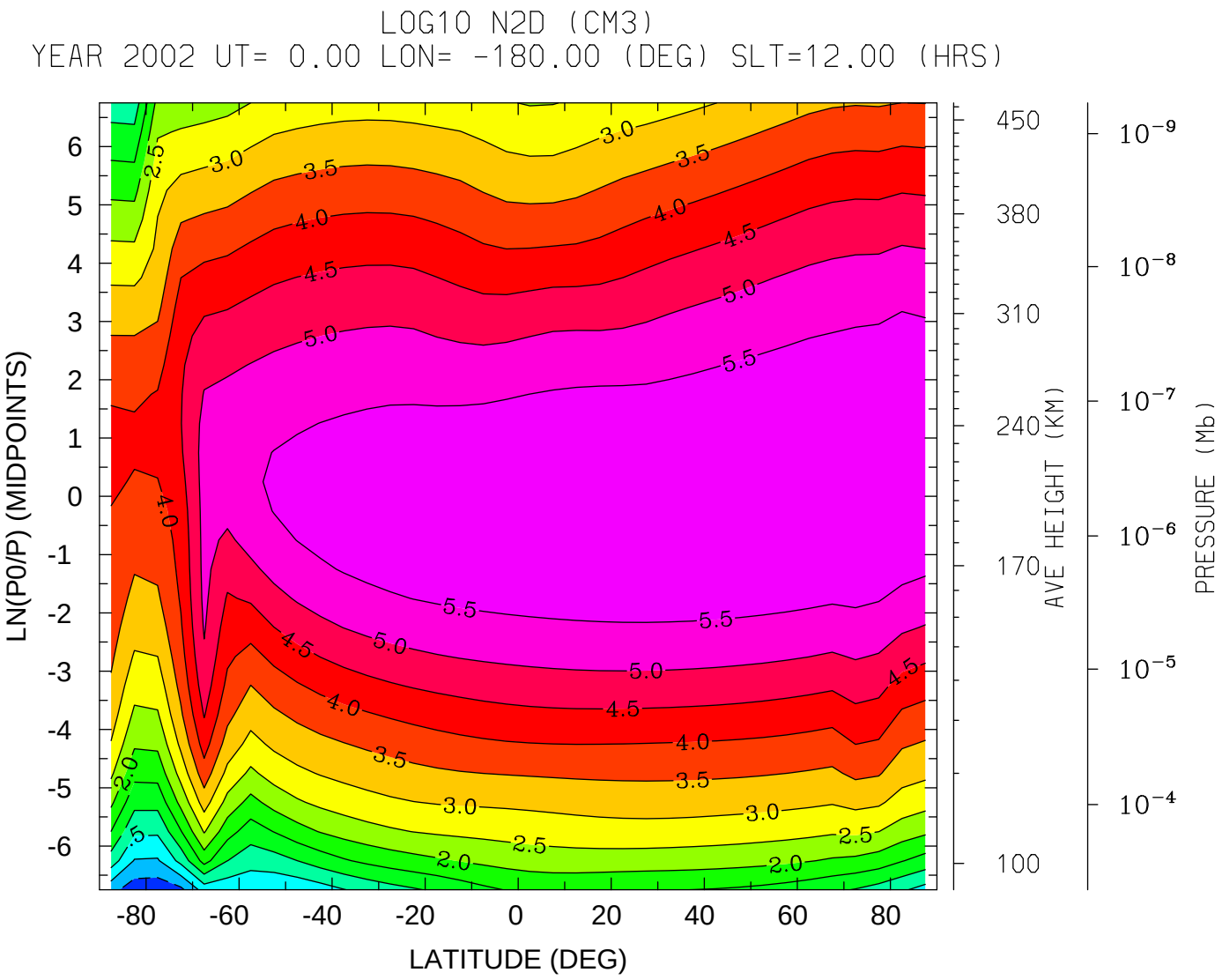


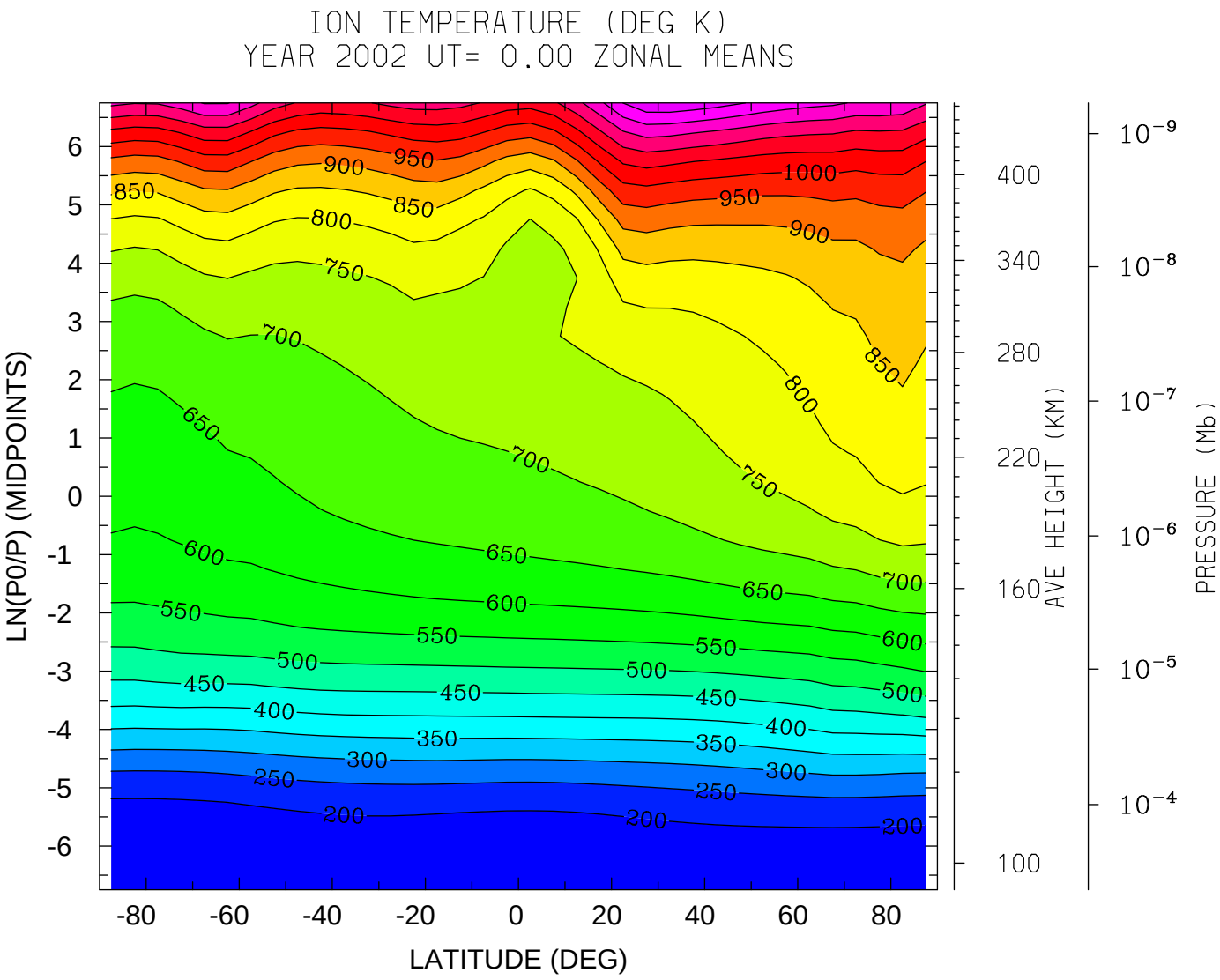
MIN,MAX= -3.9632E-01 5.9366E+00 INTERVAL= 5.0000E-01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc


LOG10 N2D (CM3)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.0934E+00 5.9200E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

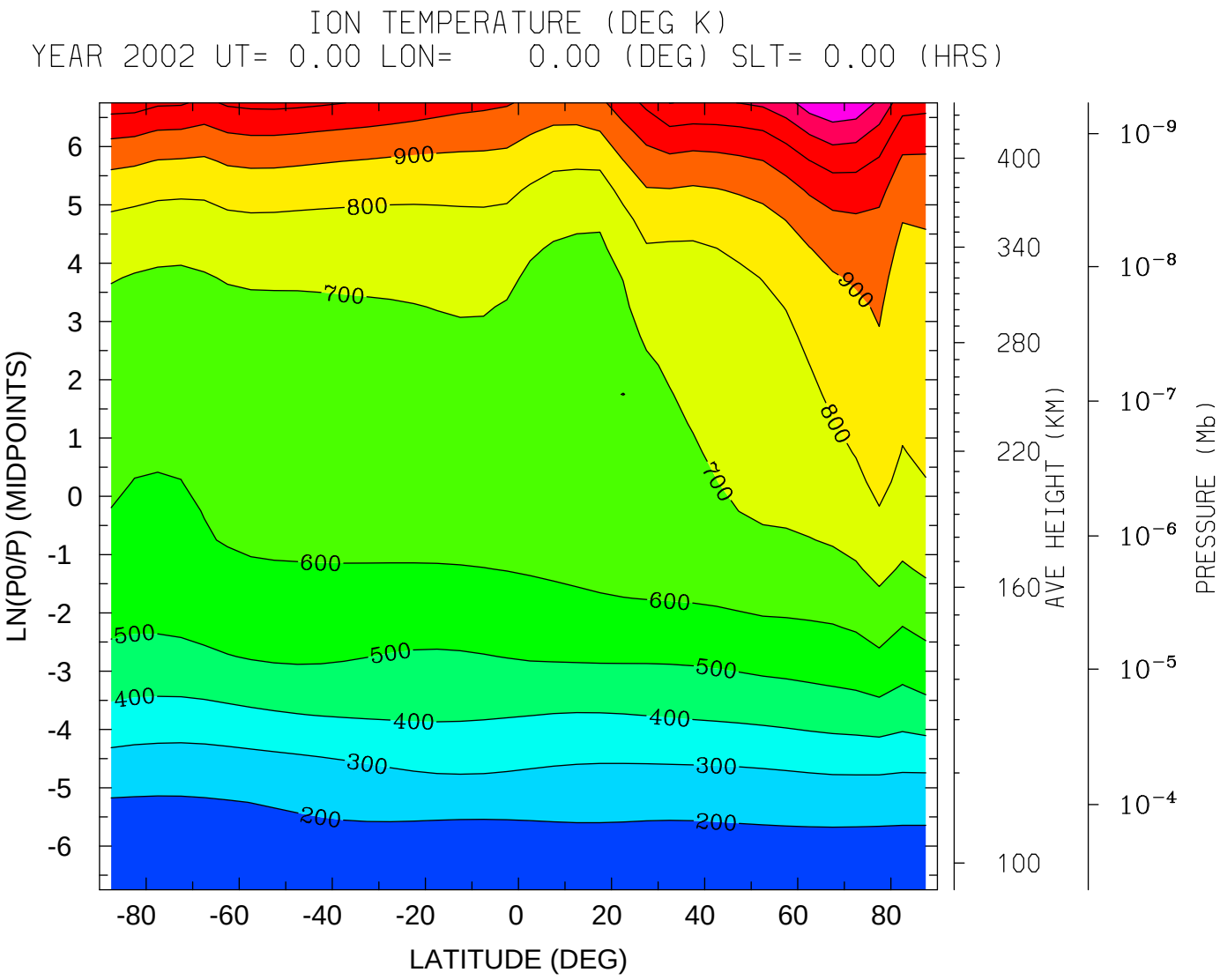

LOG10 N2D (CM3)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -8.1819E-01 6.0009E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.5662E+02 1.2908E+03 INTERVAL= 5.0000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

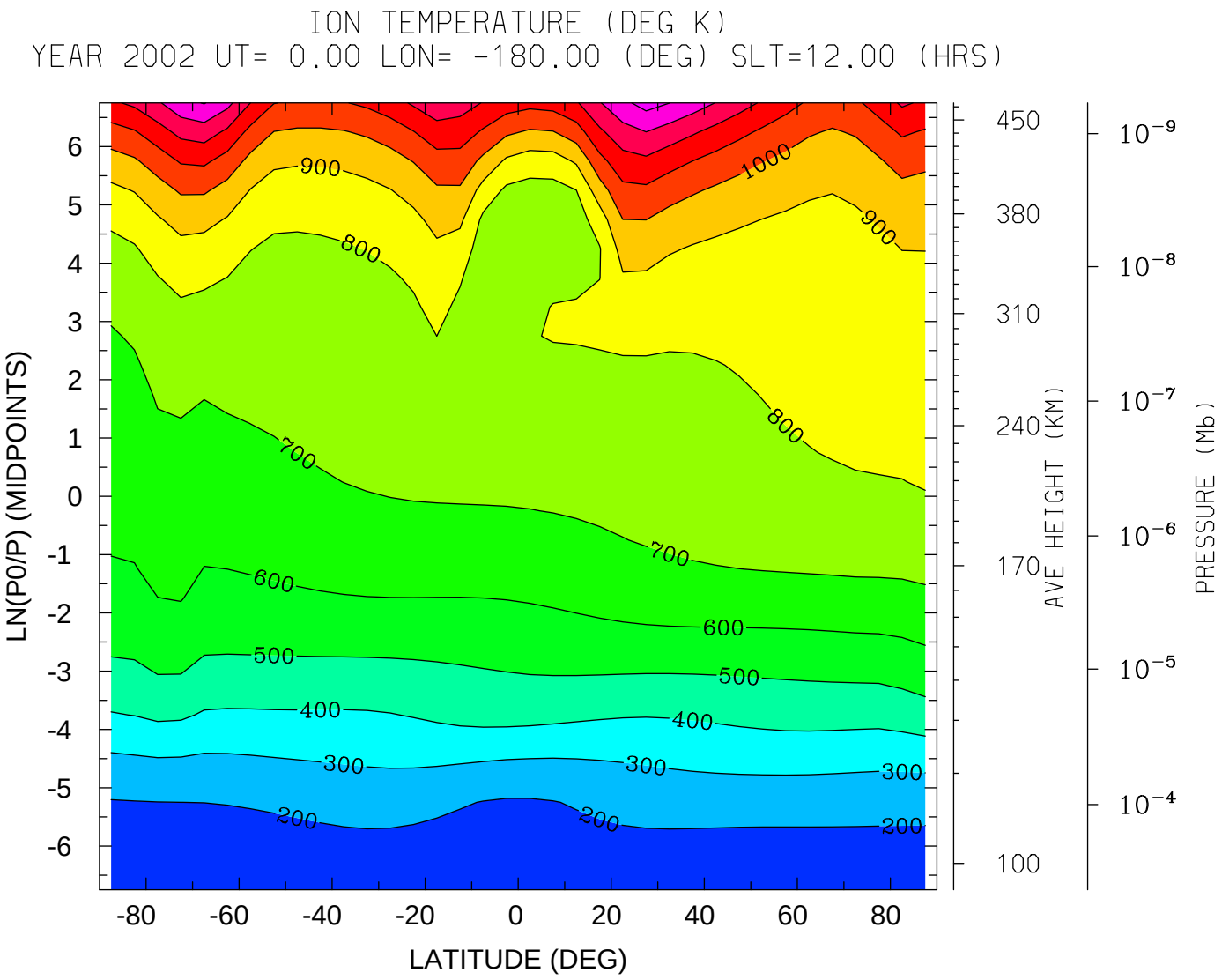
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.5434E+02 1.3953E+03 INTERVAL= 1.0000E+02

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

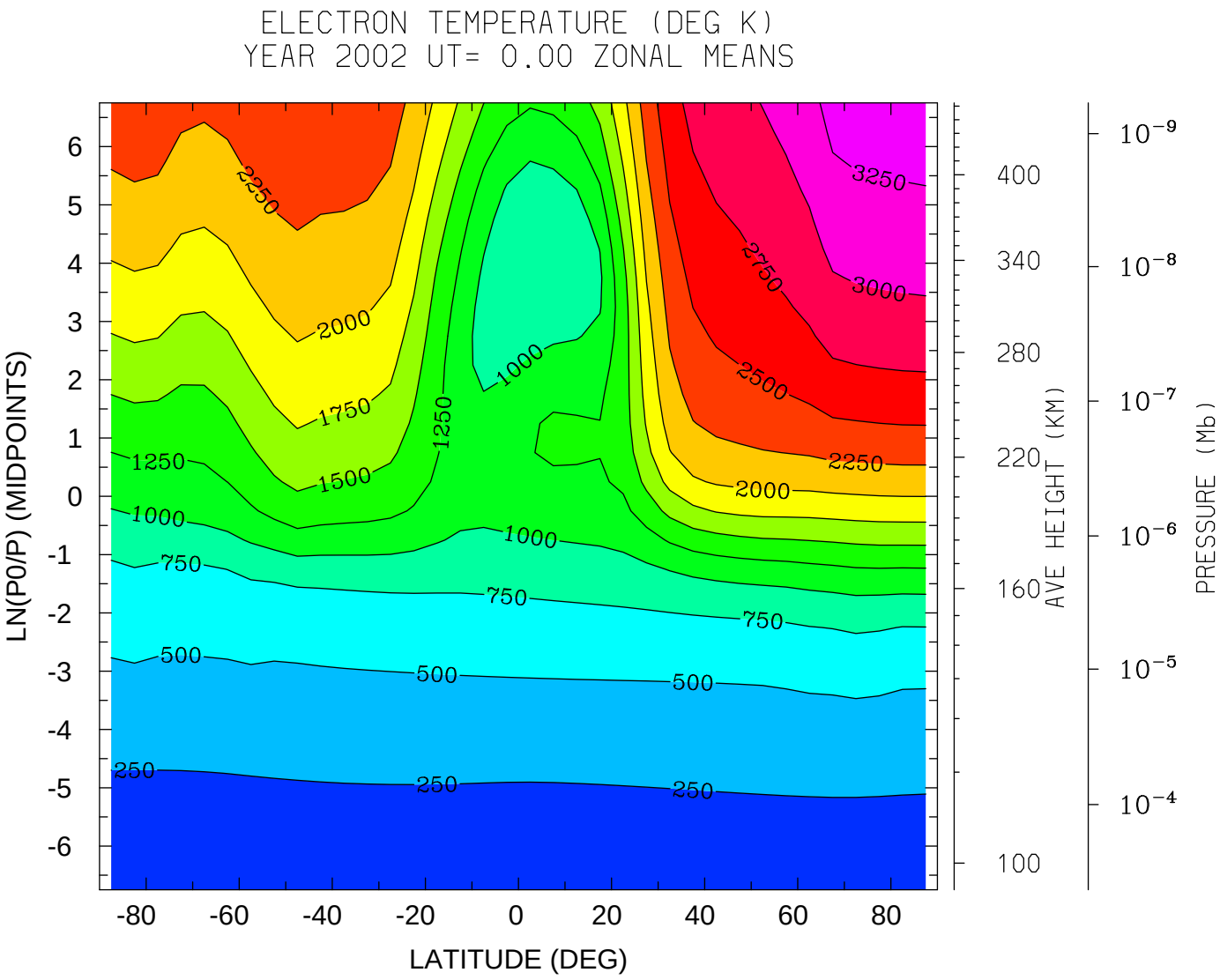
tiegcm1.94-beta.pcntr_junsol_smin.nc

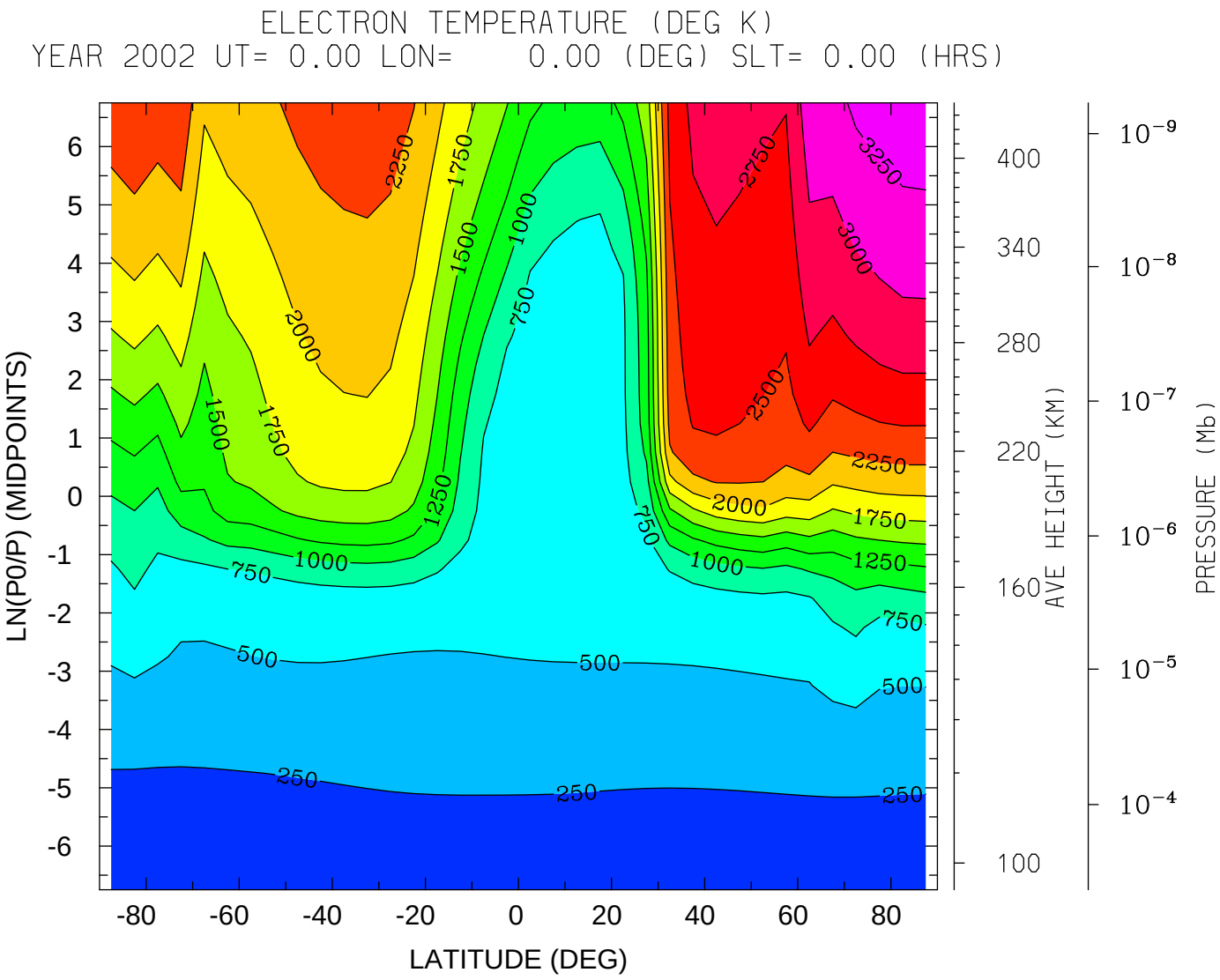


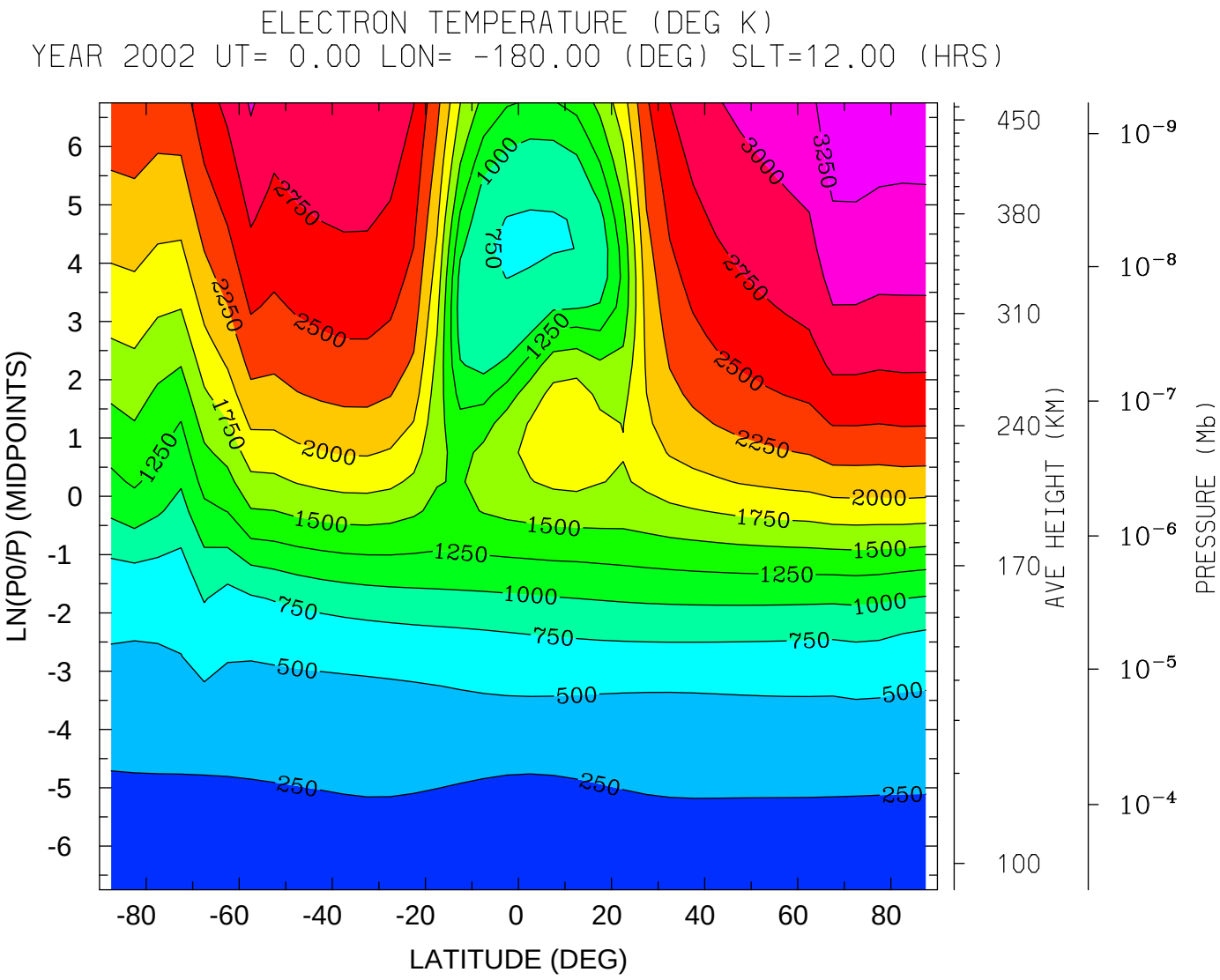
MIN,MAX= 1.5682E+02 1.4387E+03 INTERVAL= 1.0000E+02

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc


ELECTRON TEMPERATURE (DEG K)
YEAR 2002 UT= 0.00 ZONAL MEANS
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 1.5654E+02 3.4034E+03 INTERVAL= 2.5000E+02
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

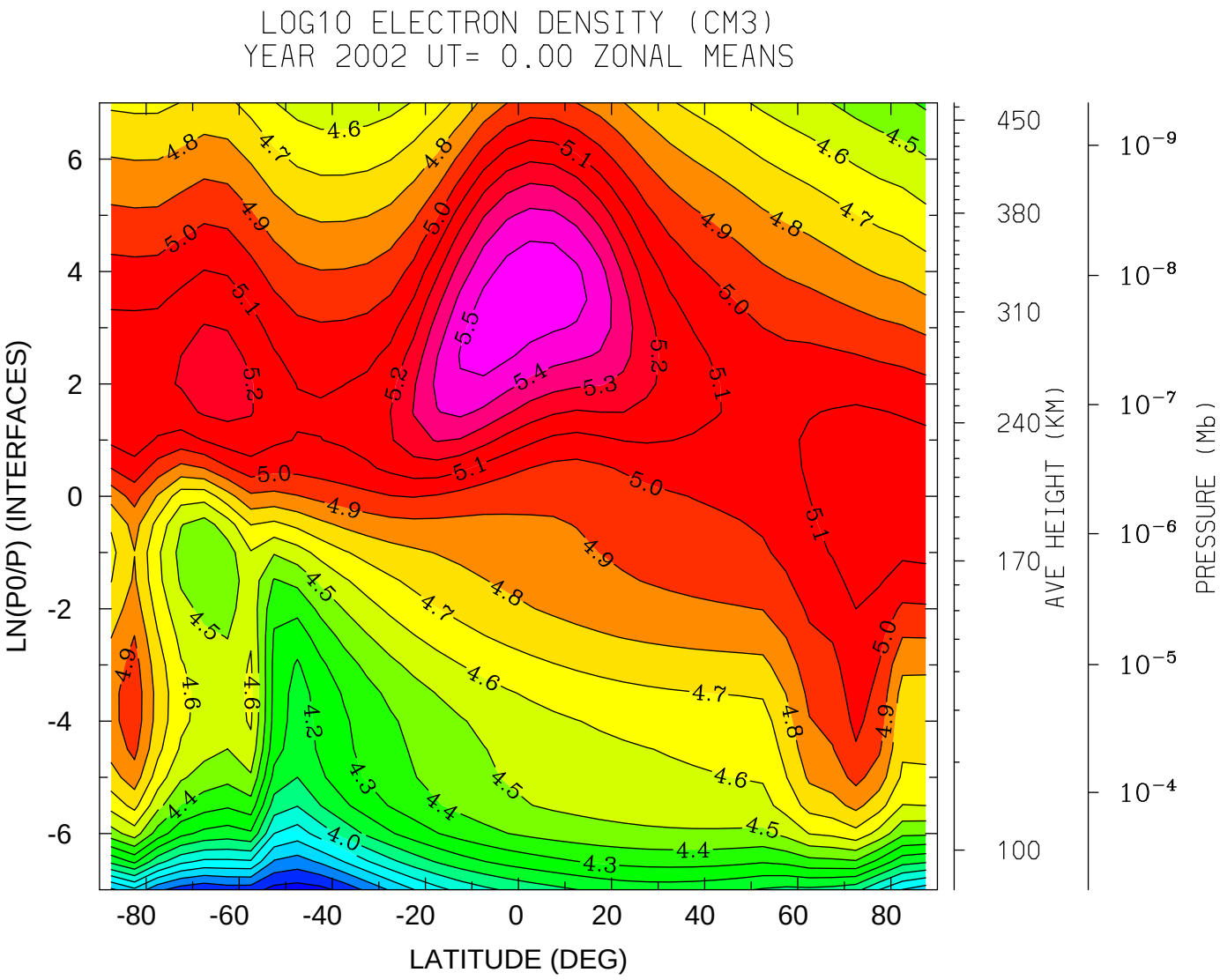

ELECTRON TEMPERATURE (DEG K)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 1.5434E+02 3.4108E+03 INTERVAL= 2.5000E+02
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.5670E+02 3.4381E+03 INTERVAL= 2.5000E+02

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc

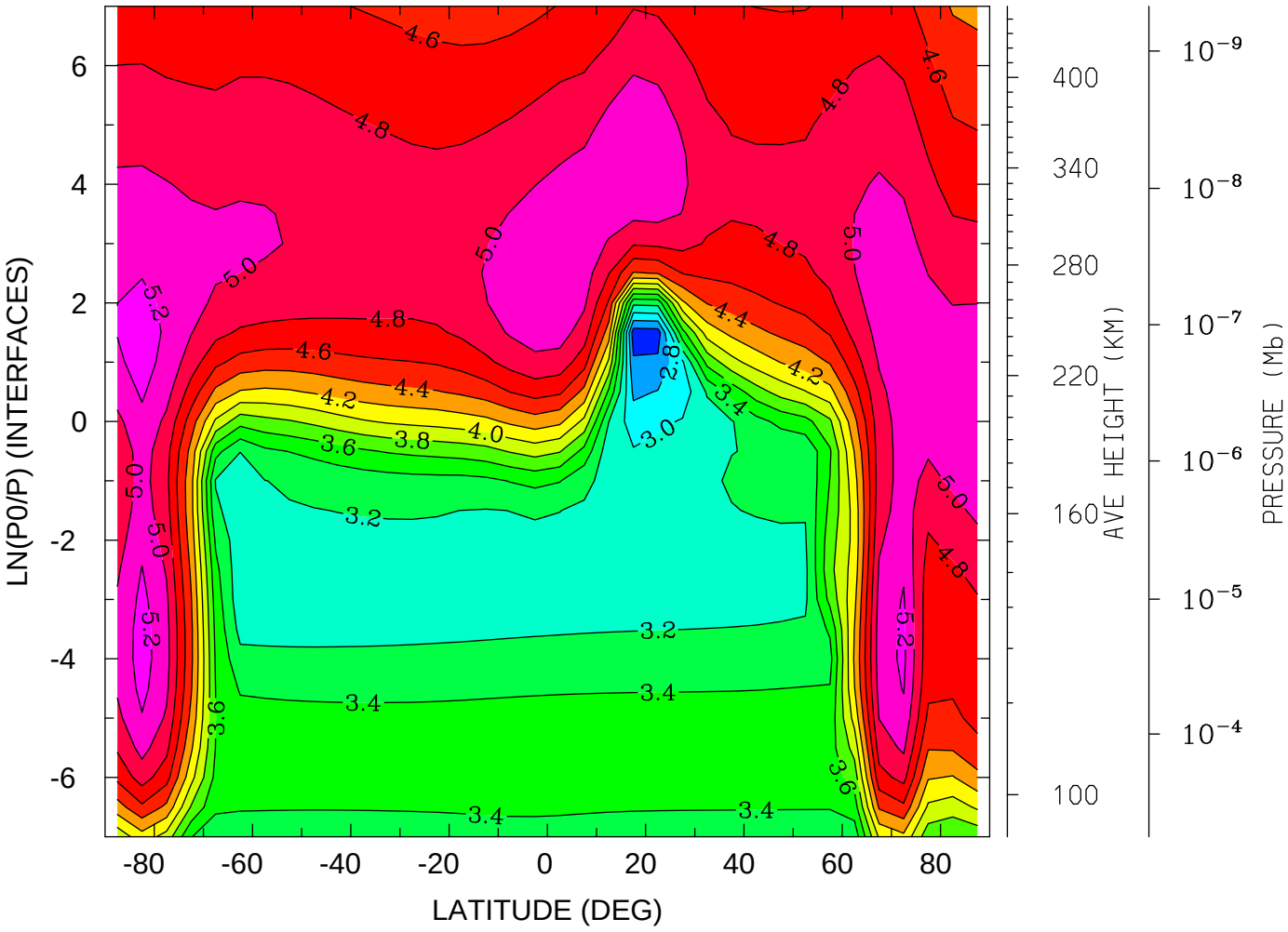


MIN,MAX= 3.4487E+00 5.5627E+00 INTERVAL= 1.0000E-01

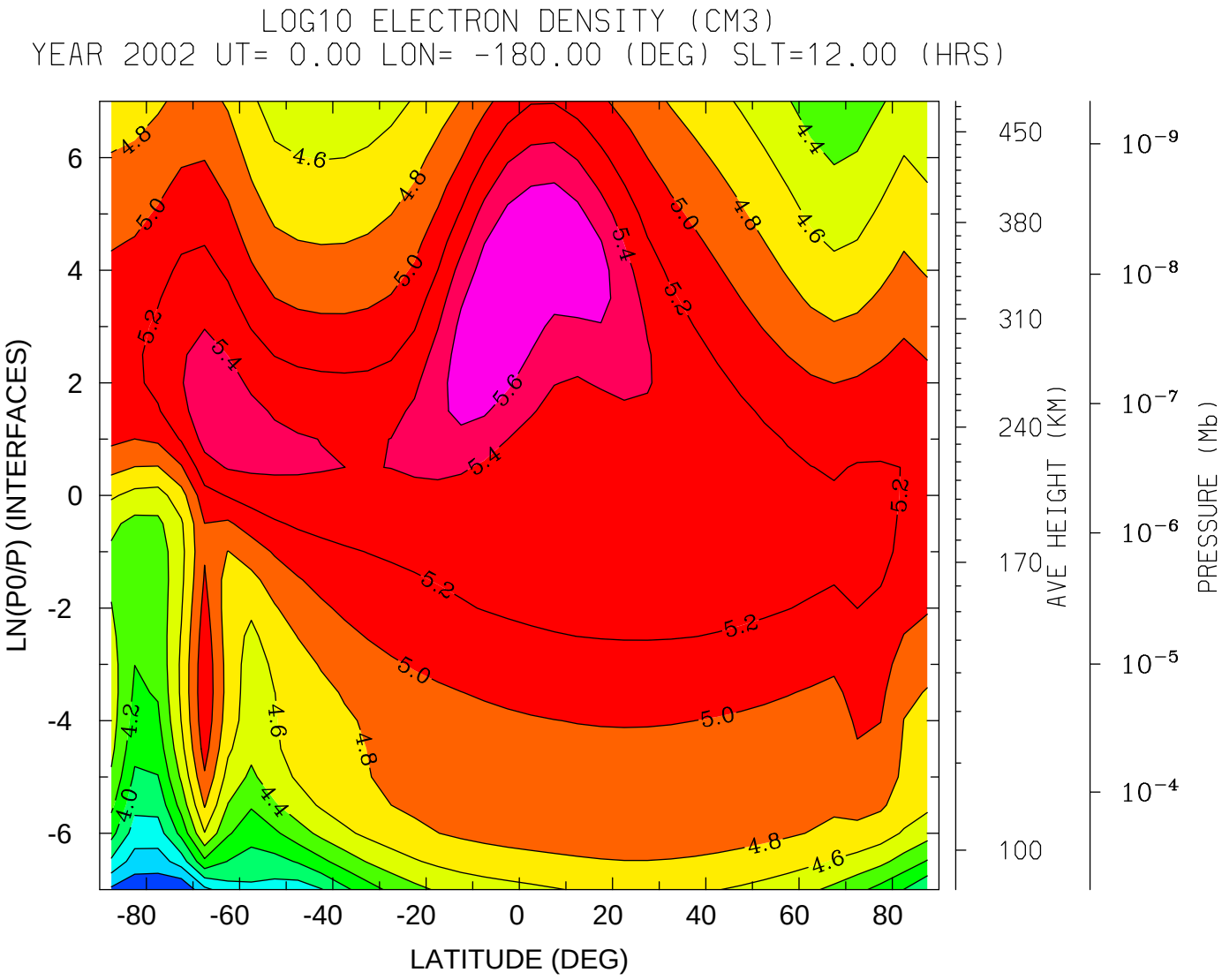
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc

LOG10 ELECTRON DENSITY (CM3)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



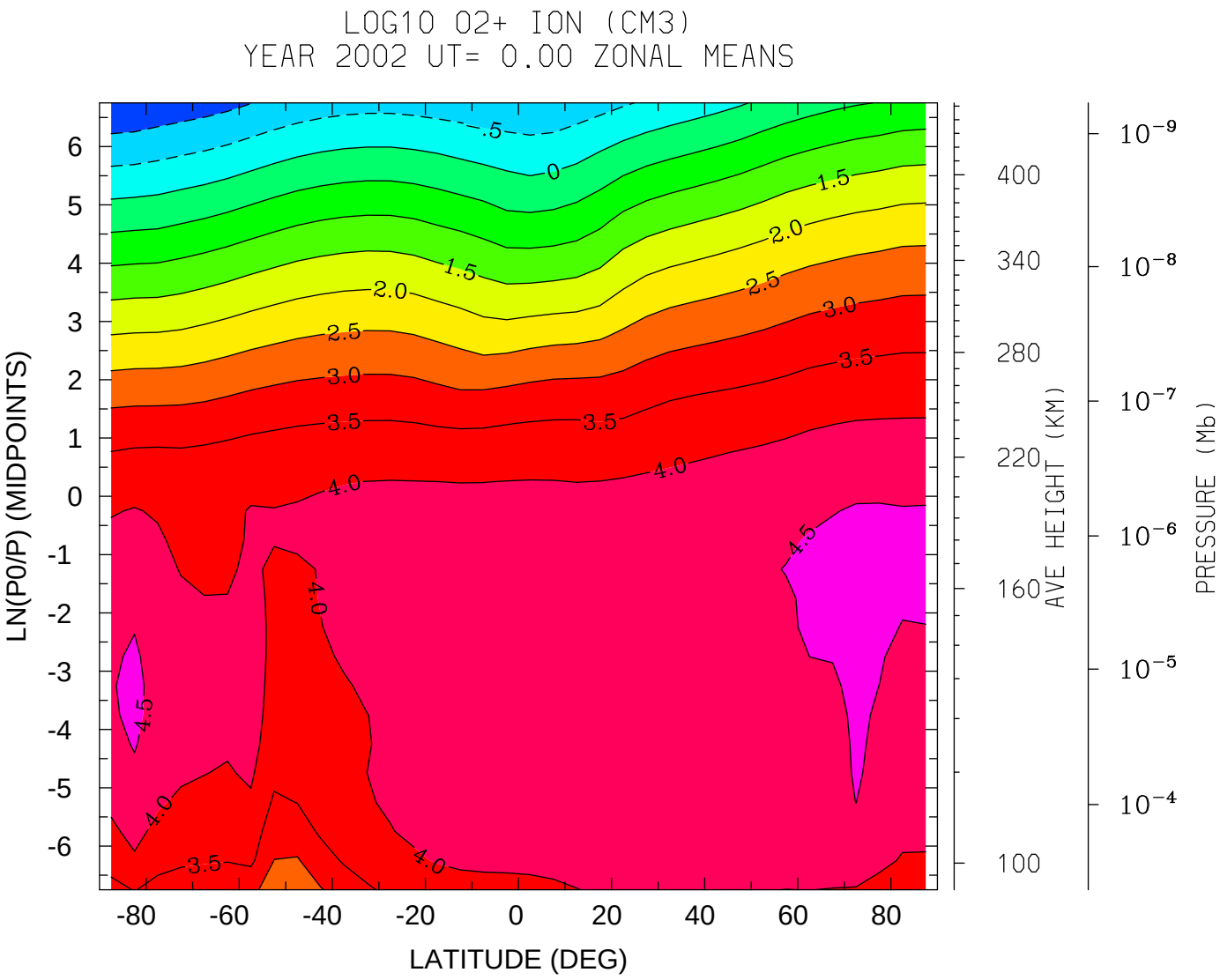
MIN,MAX= 2.4881E+00 5.2850E+00 INTERVAL= 2.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

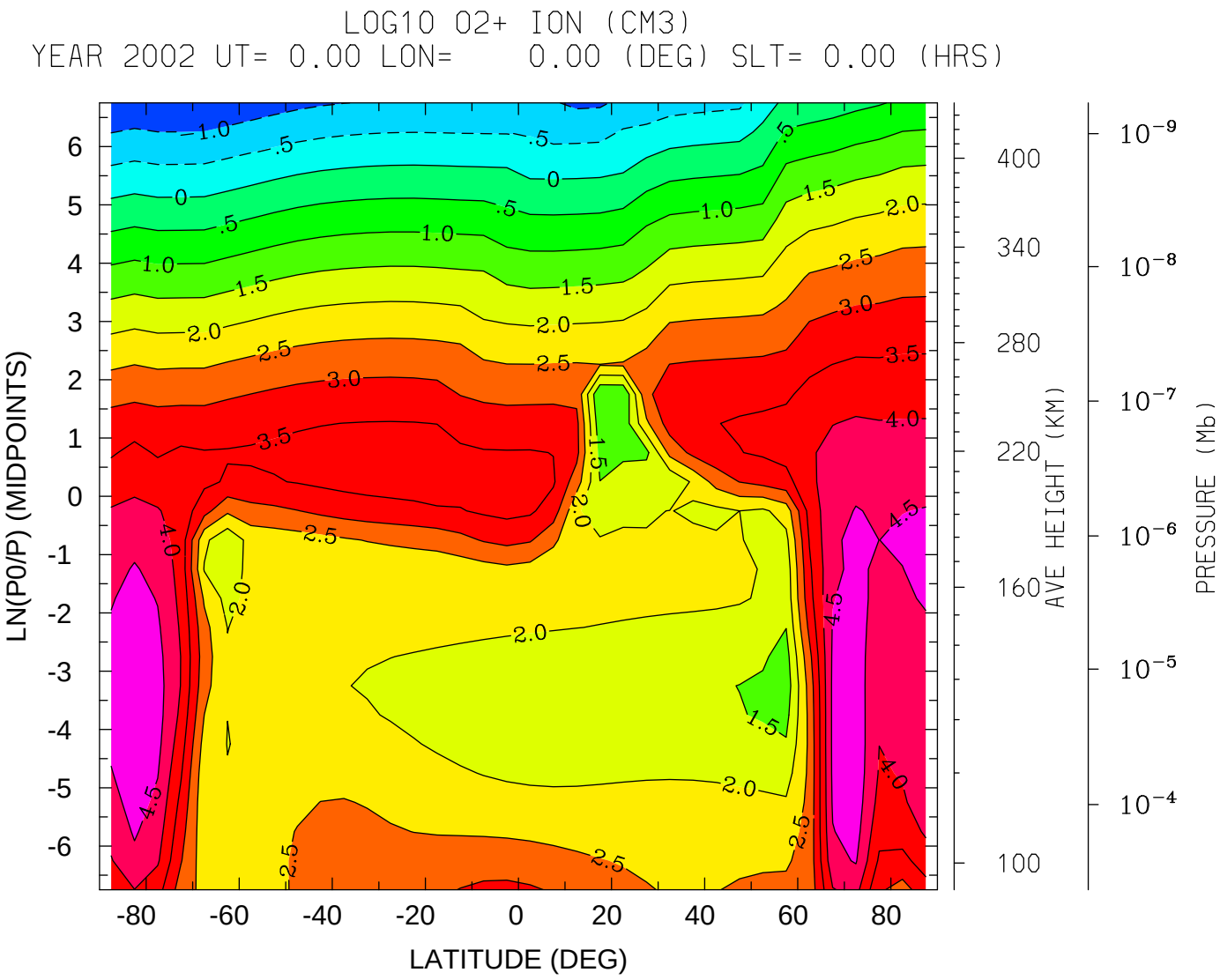


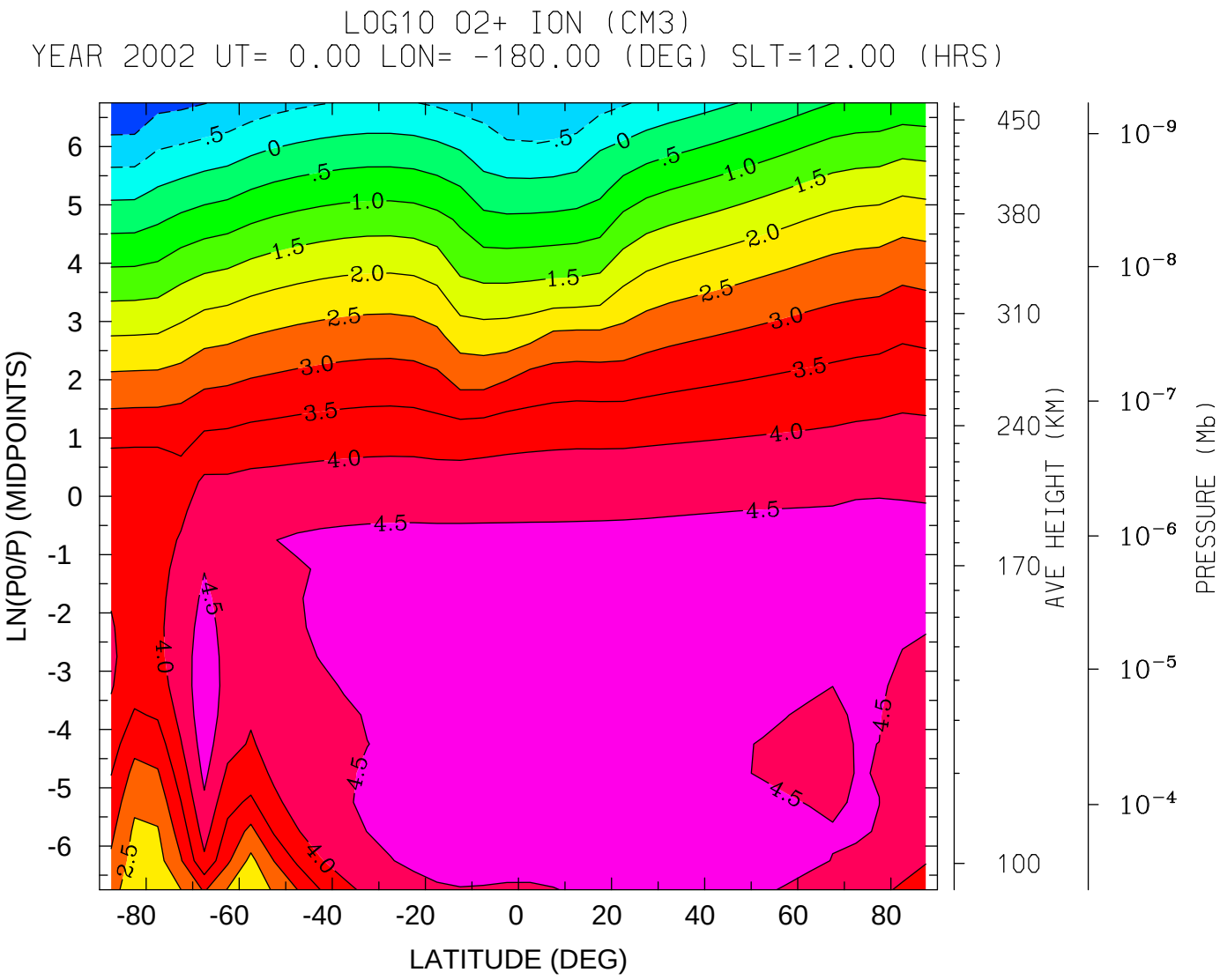
MIN,MAX= 3.2112E+00 5.7859E+00 INTERVAL= 2.0000E-01

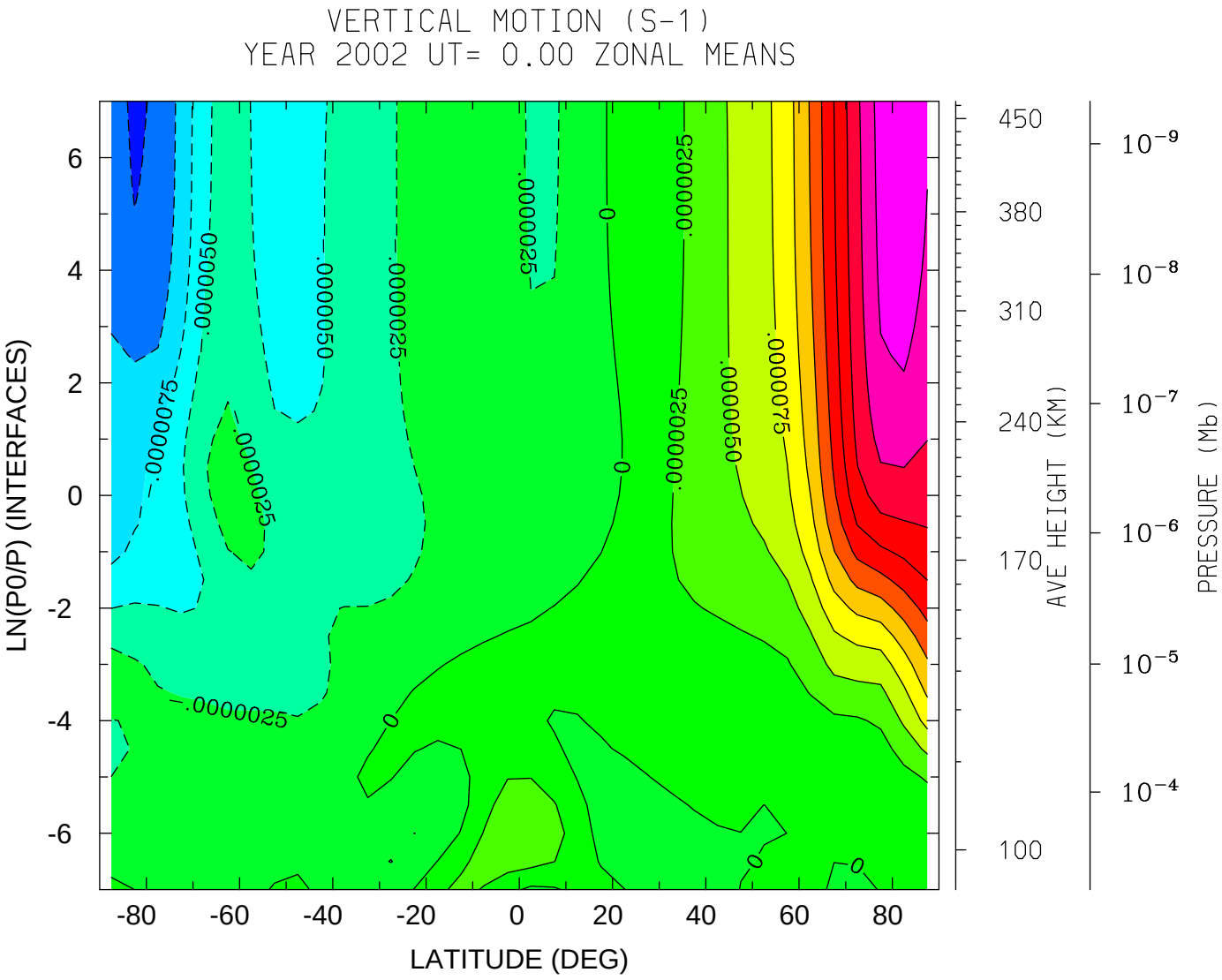
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc


LOG10 O2+ ION (CM3)
YEAR 2002 UT= 0.00 ZONAL MEANS
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.4799E+00 4.6710E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


LOG10 O2+ ION (CM3)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.4695E+00 4.9282E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

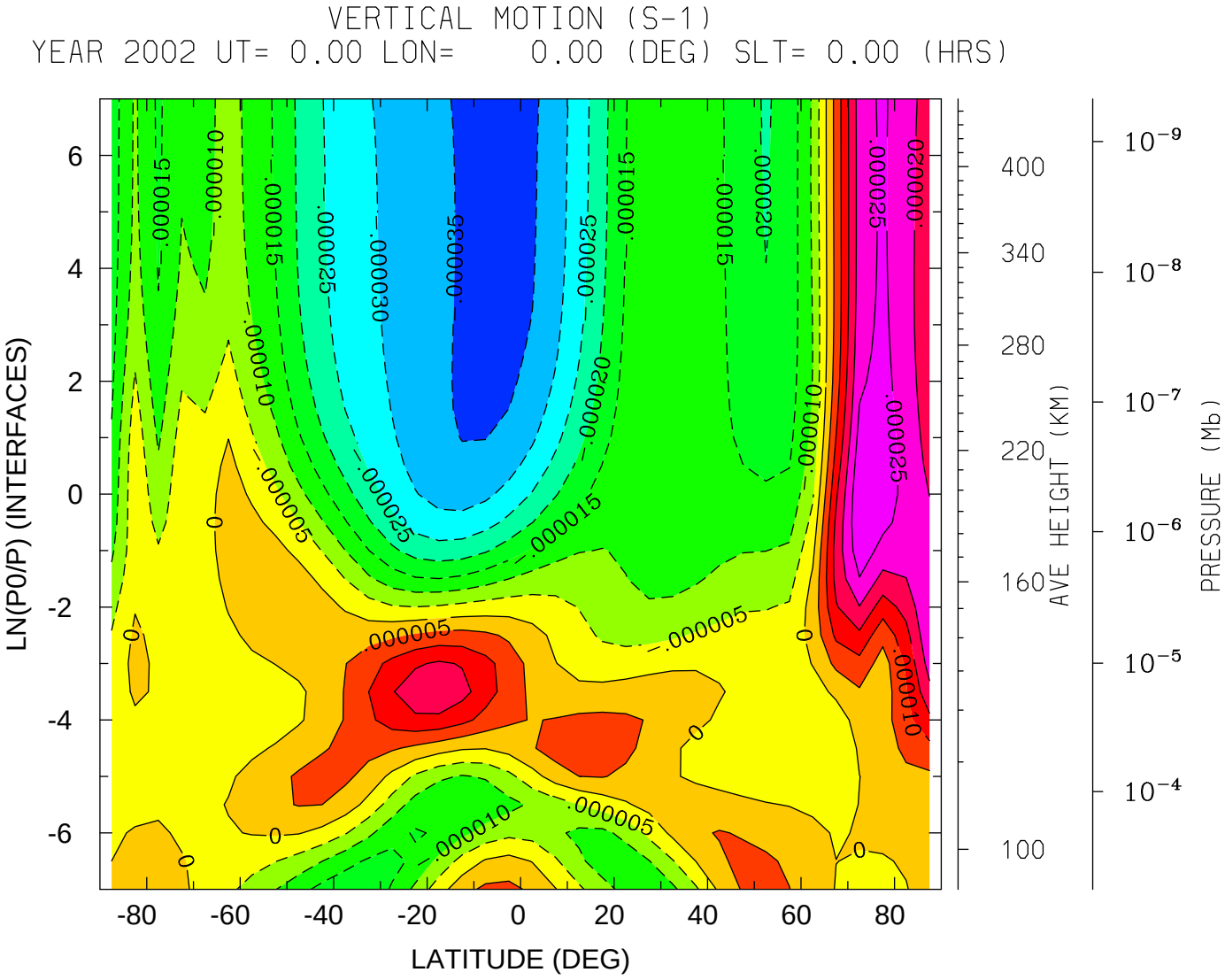

LOG10 O2+ ION (CM3)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.4944E+00 4.7912E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

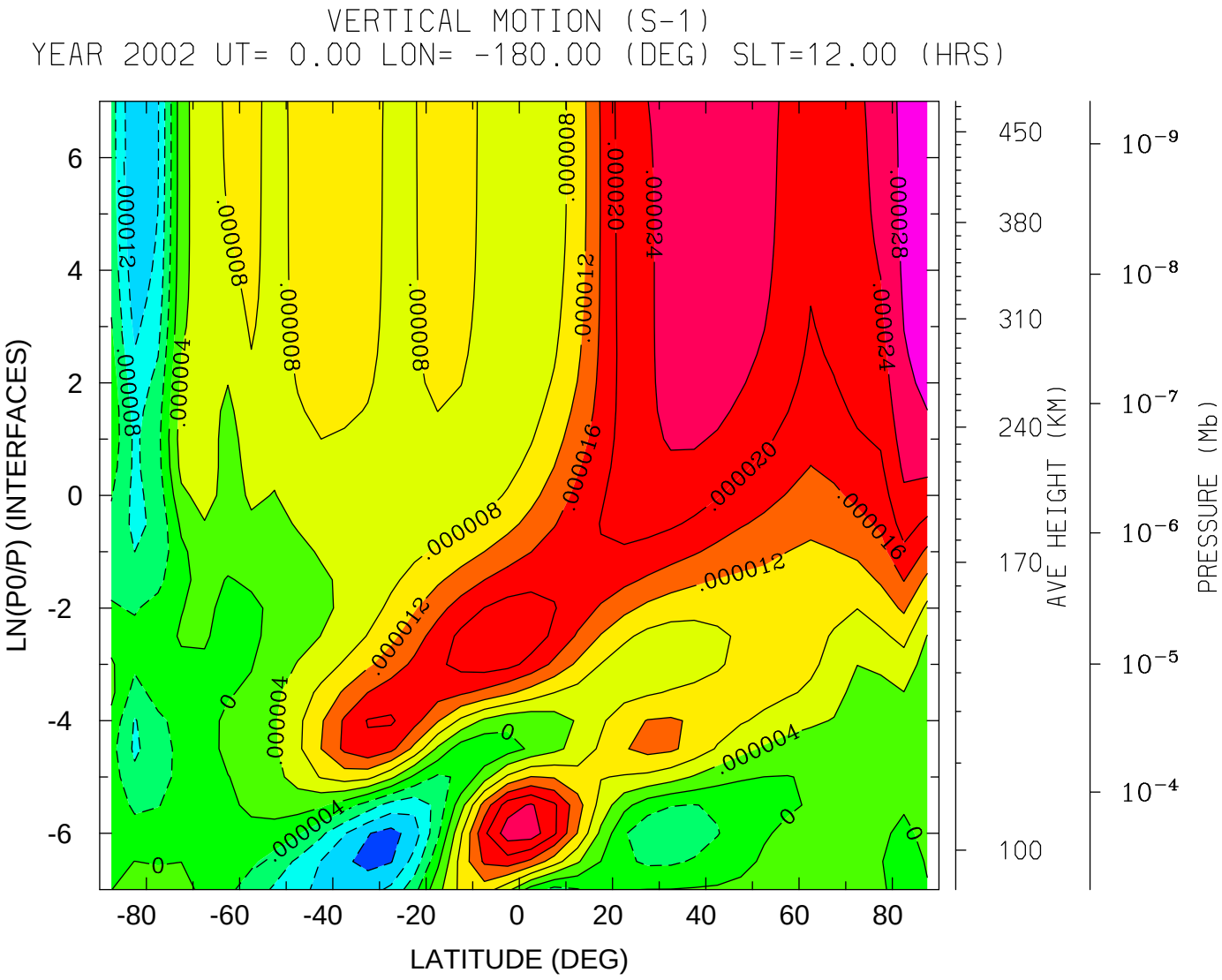


MIN,MAX= -1.2774E-05 2.7119E-05 INTERVAL= 2.5000E-06

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc

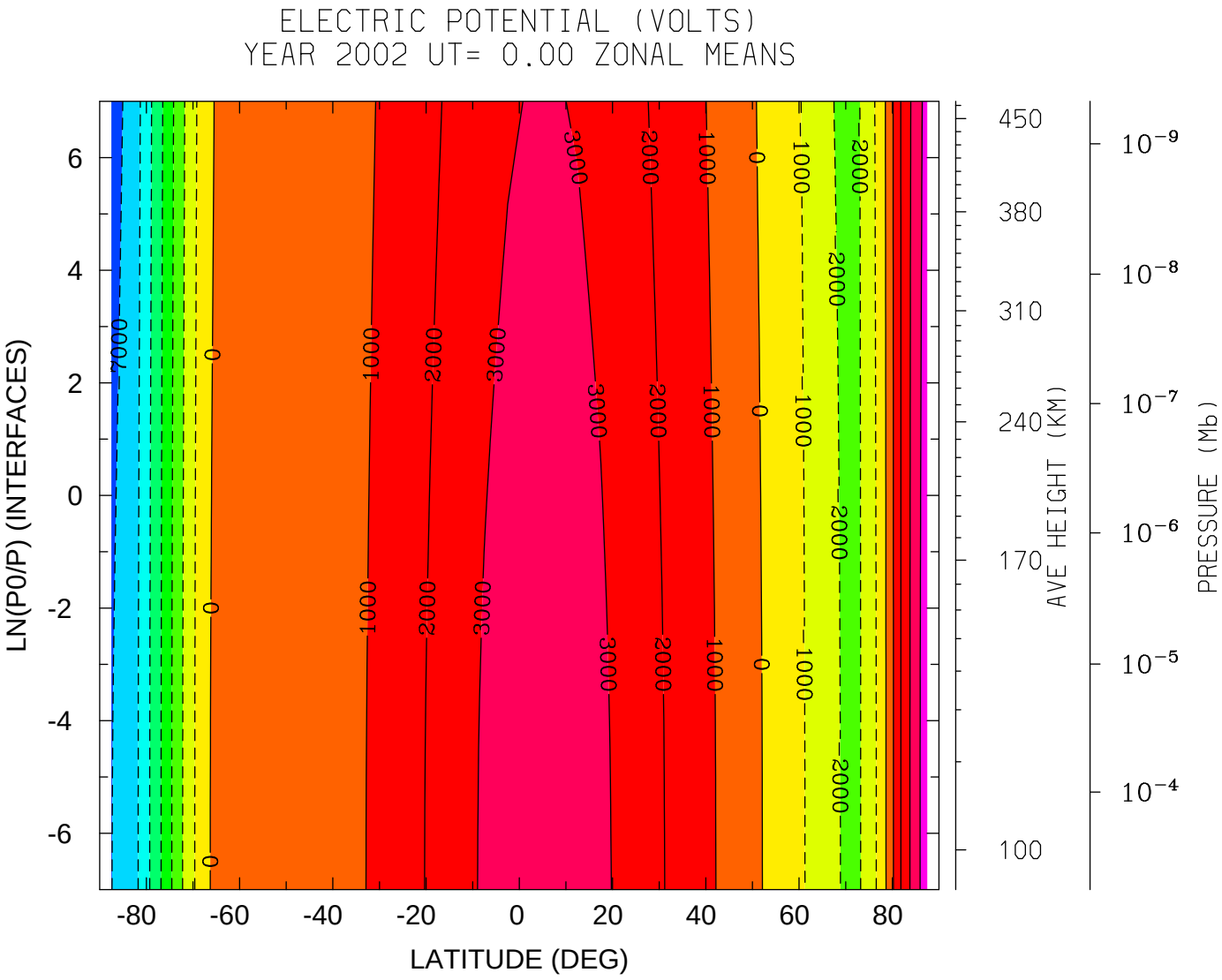

VERTICAL MOTION (S-1)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (INTERFACES)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -3.7194E-05 2.9507E-05 INTERVAL= 5.0000E-06
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

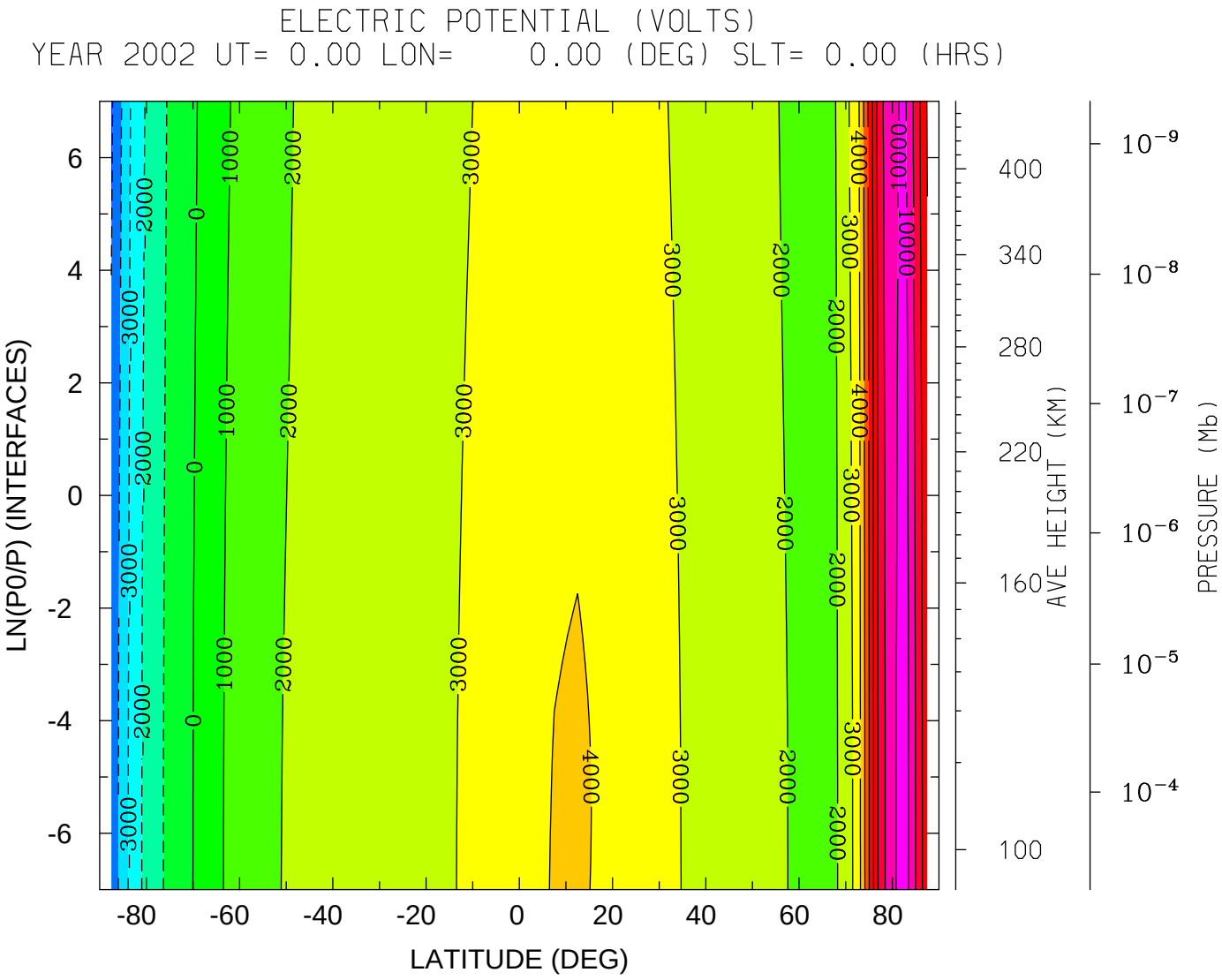


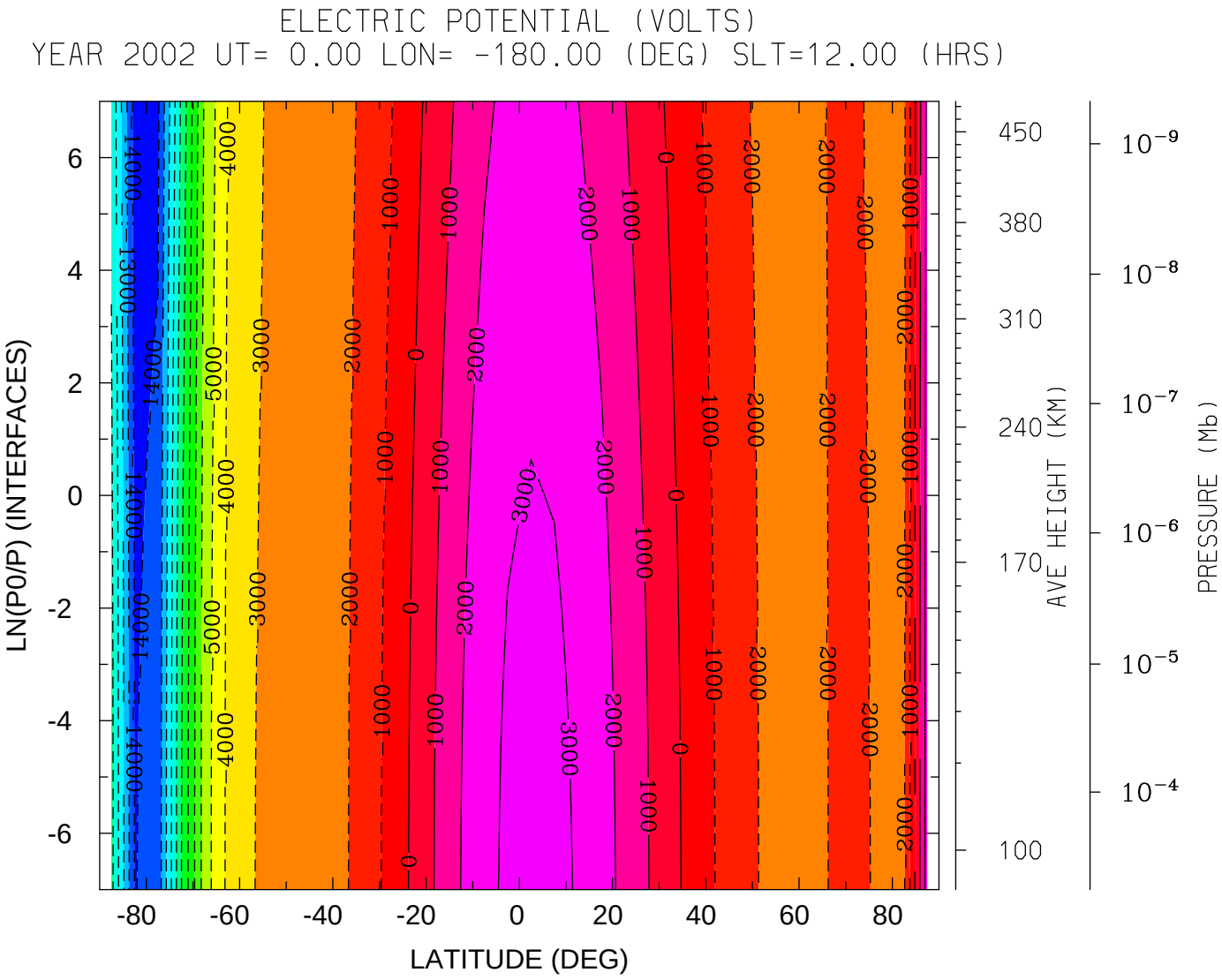
MIN,MAX= -1.7458E-05 3.1498E-05 INTERVAL= 4.0000E-06

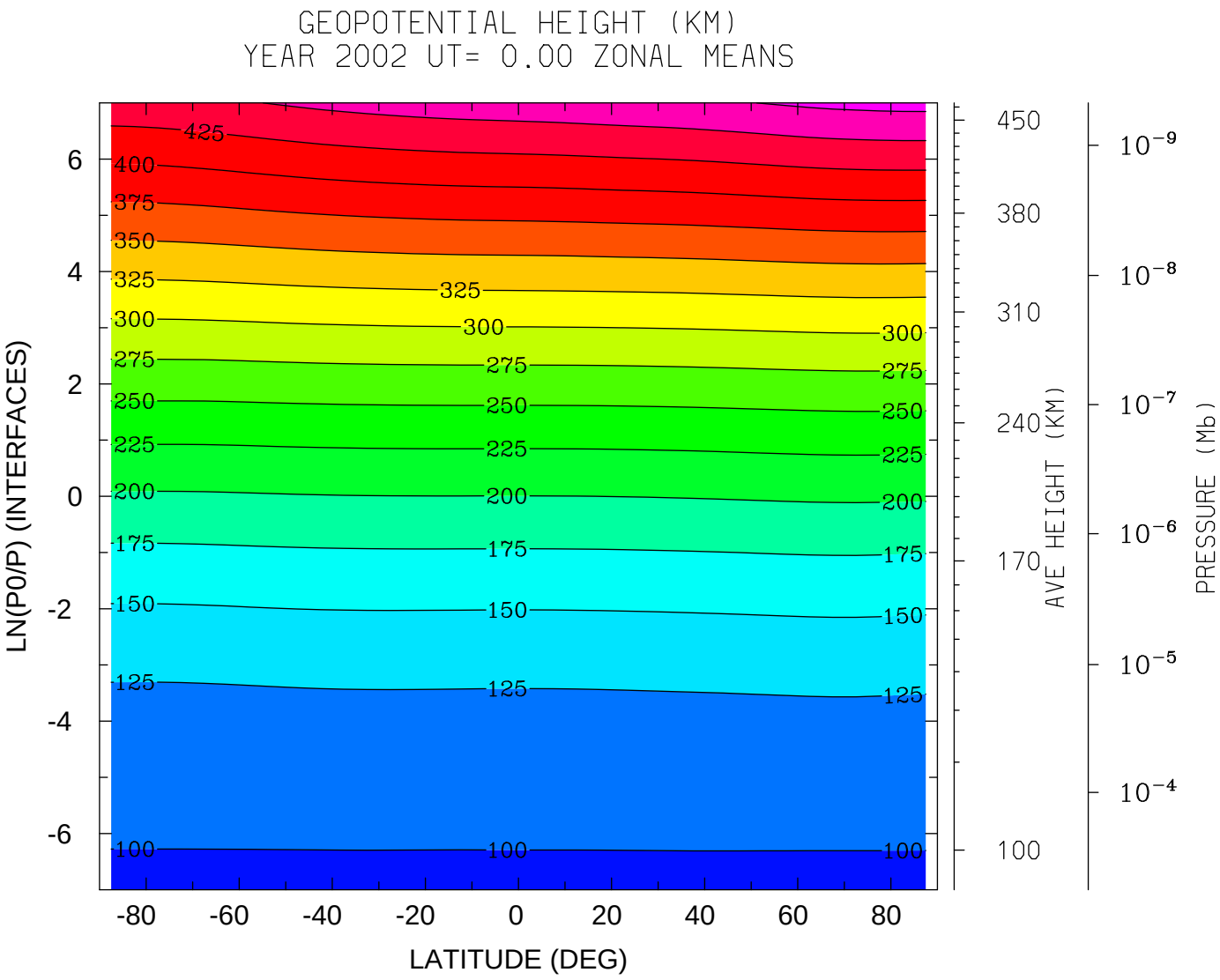
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc


ELECTRIC POTENTIAL (VOLTS)
YEAR 2002 UT= 0.00 ZONAL MEANS
LN(P0/P) (INTERFACES)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -7.4789E+03 4.7104E+03 INTERVAL= 1.0000E+03
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


ELECTRIC POTENTIAL (VOLTS)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (INTERFACES)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -5.1380E+03 1.0688E+04 INTERVAL= 1.0000E+03
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

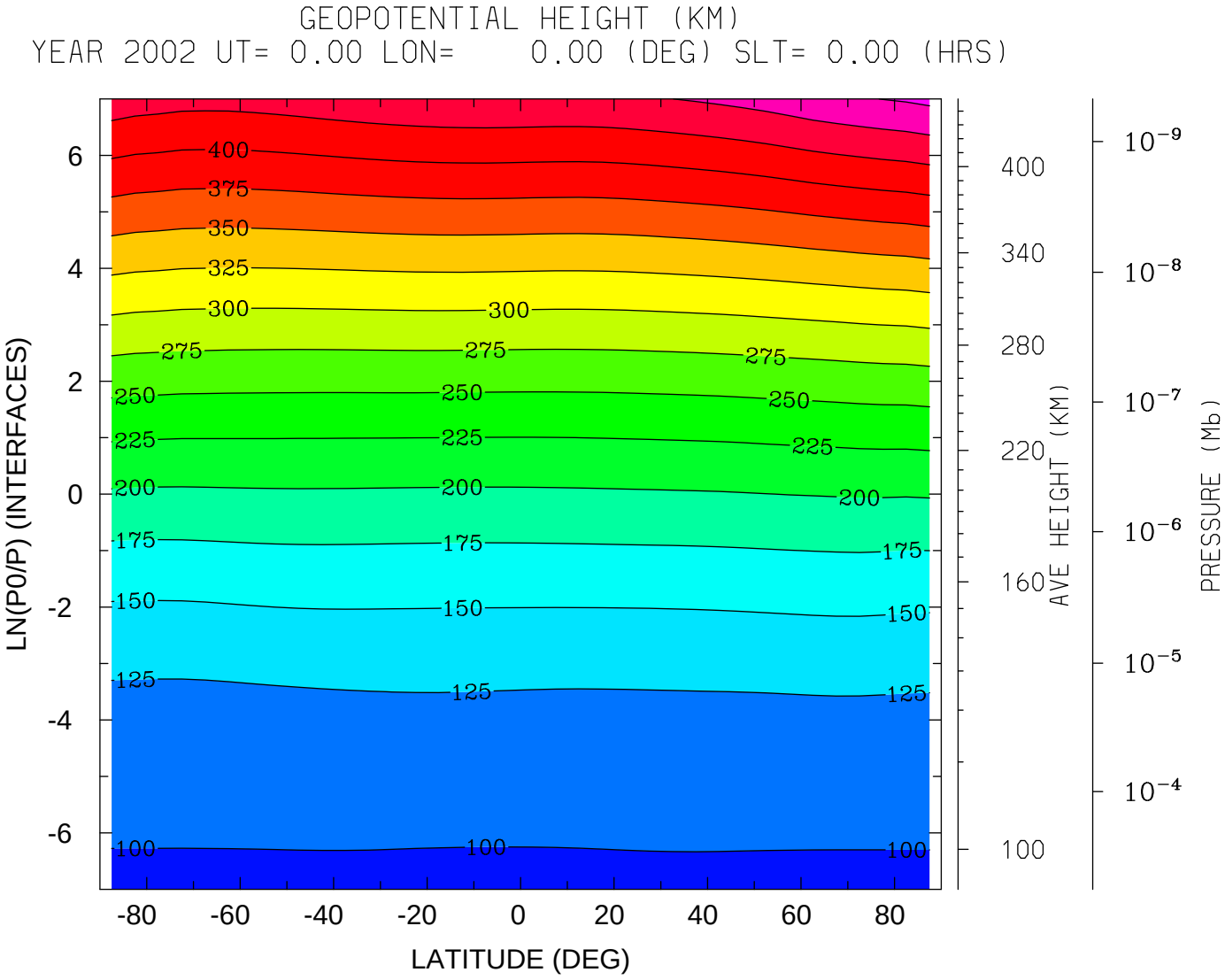

ELECTRIC POTENTIAL (VOLTS)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)
LN(P0/P) (INTERFACES)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.4387E+04 3.4601E+03 INTERVAL= 1.0000E+03
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 9.6368E+01 4.8248E+02 INTERVAL= 2.5000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

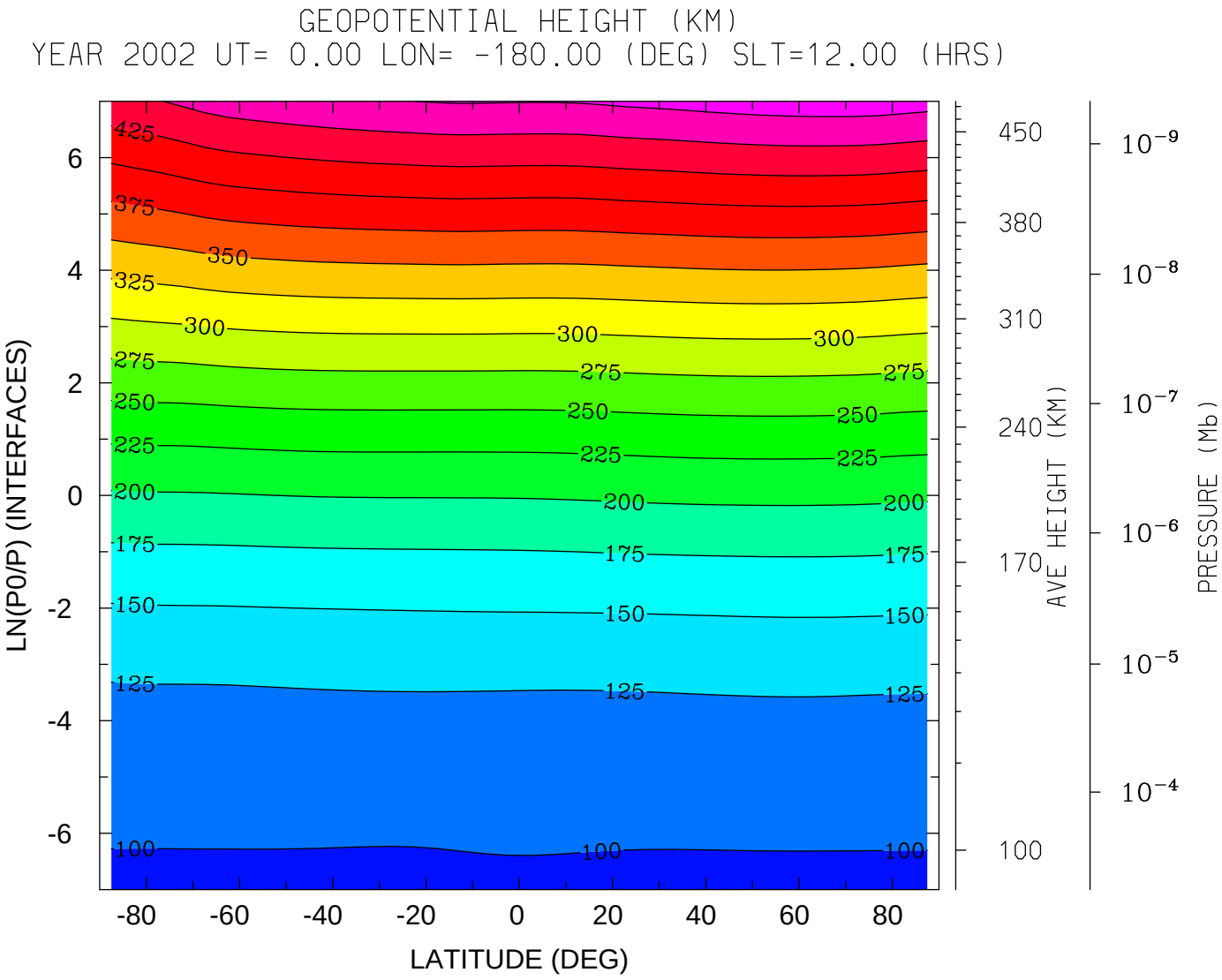
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 9.6307E+01 4.8088E+02 INTERVAL= 2.5000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

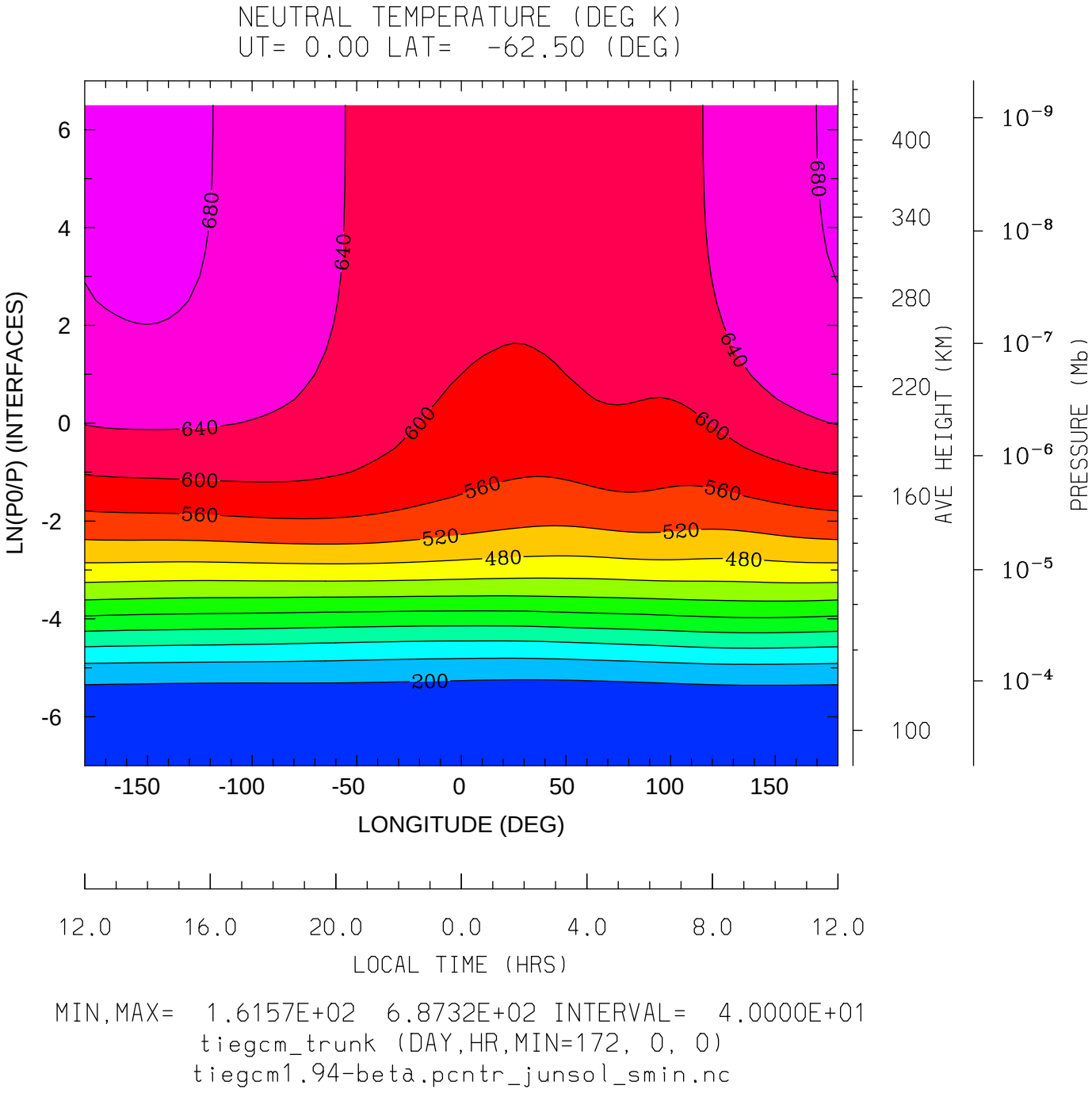
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 9.6090E+01 4.8819E+02 INTERVAL= 2.5000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

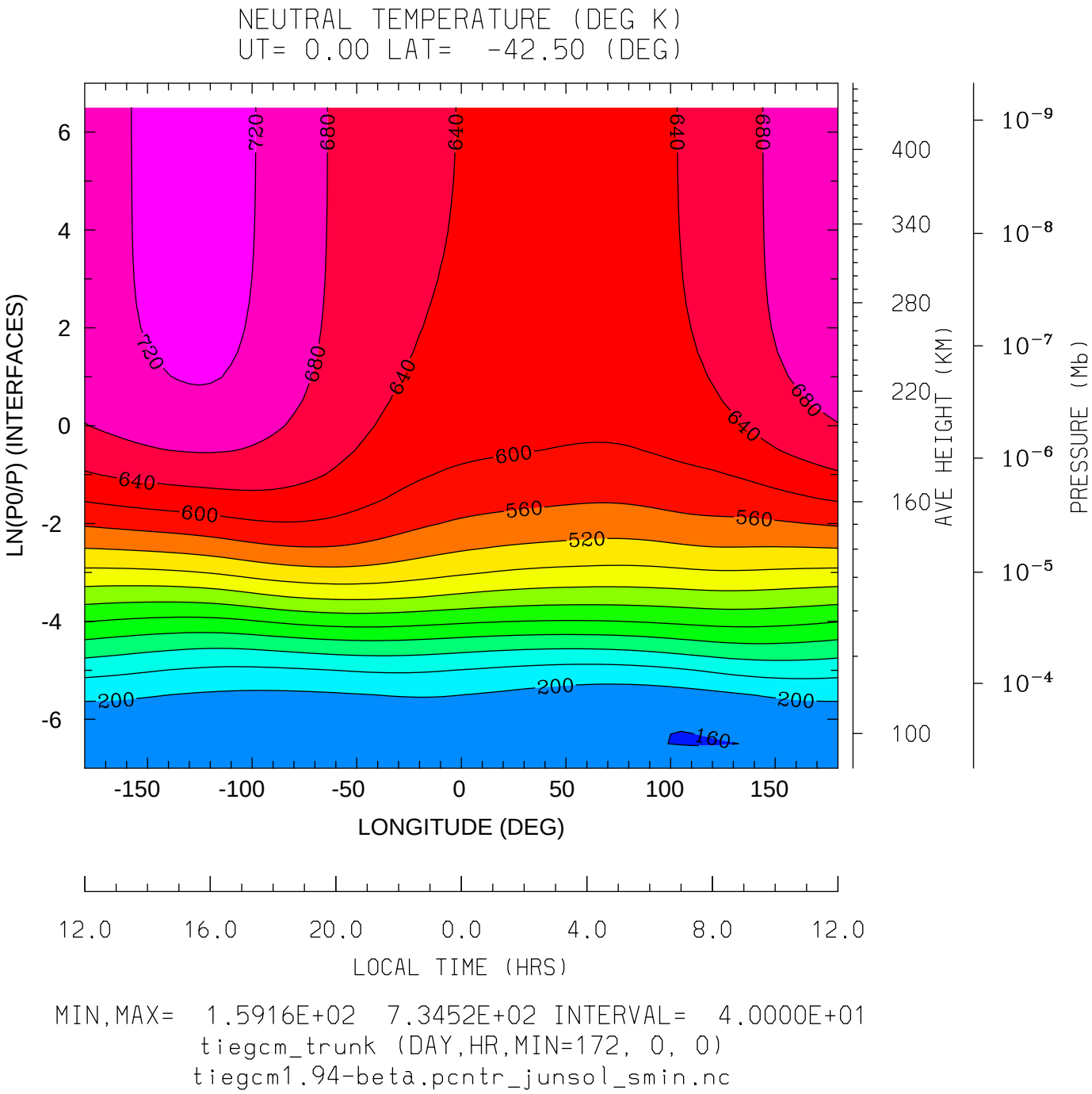
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.6157E+02 6.8732E+02 INTERVAL= 4.0000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

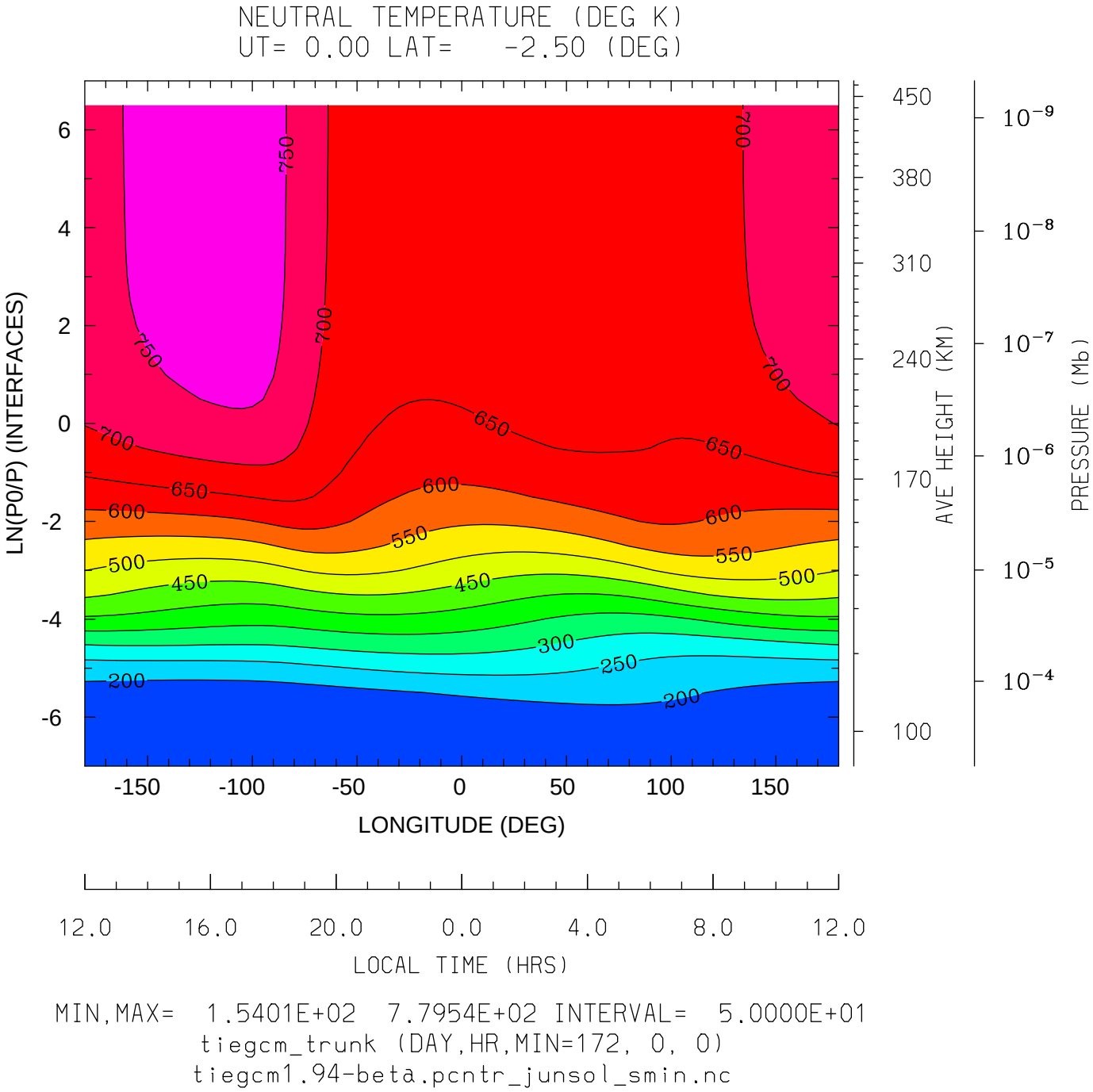
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.5916E+02 7.3452E+02 INTERVAL= 4.0000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

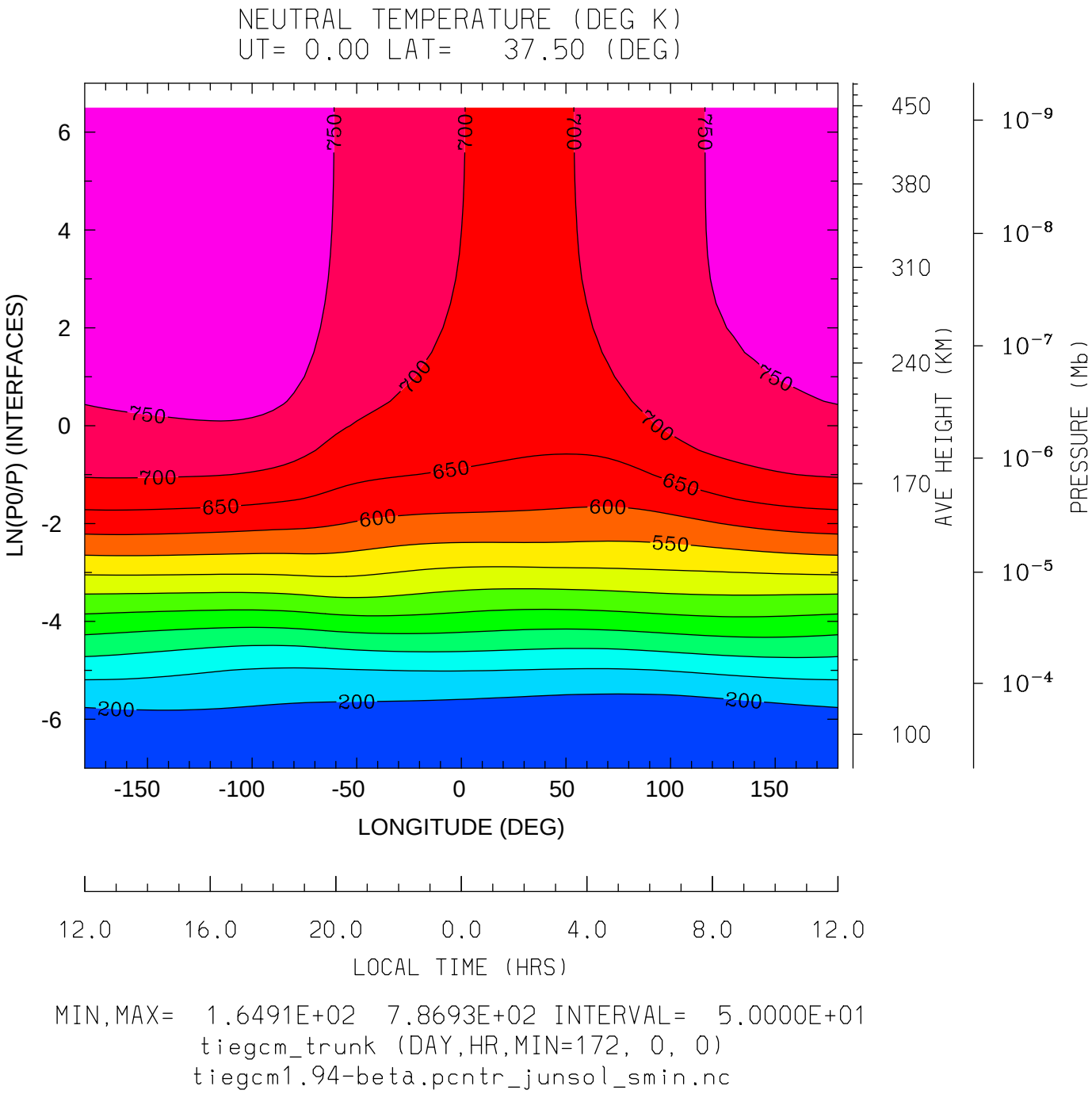
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.5401E+02 7.7954E+02 INTERVAL= 5.0000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

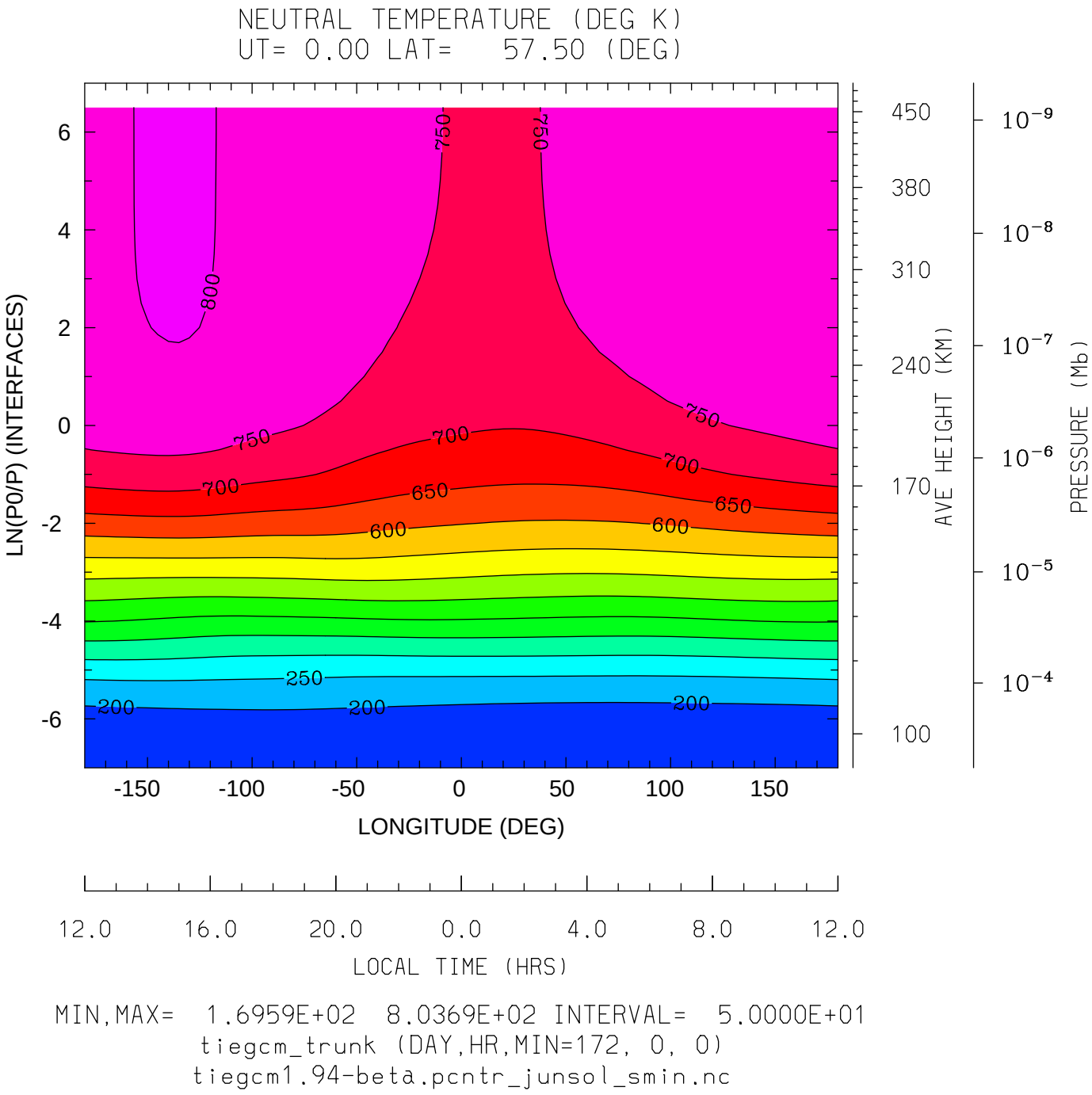
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.6491E+02 7.8693E+02 INTERVAL= 5.0000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

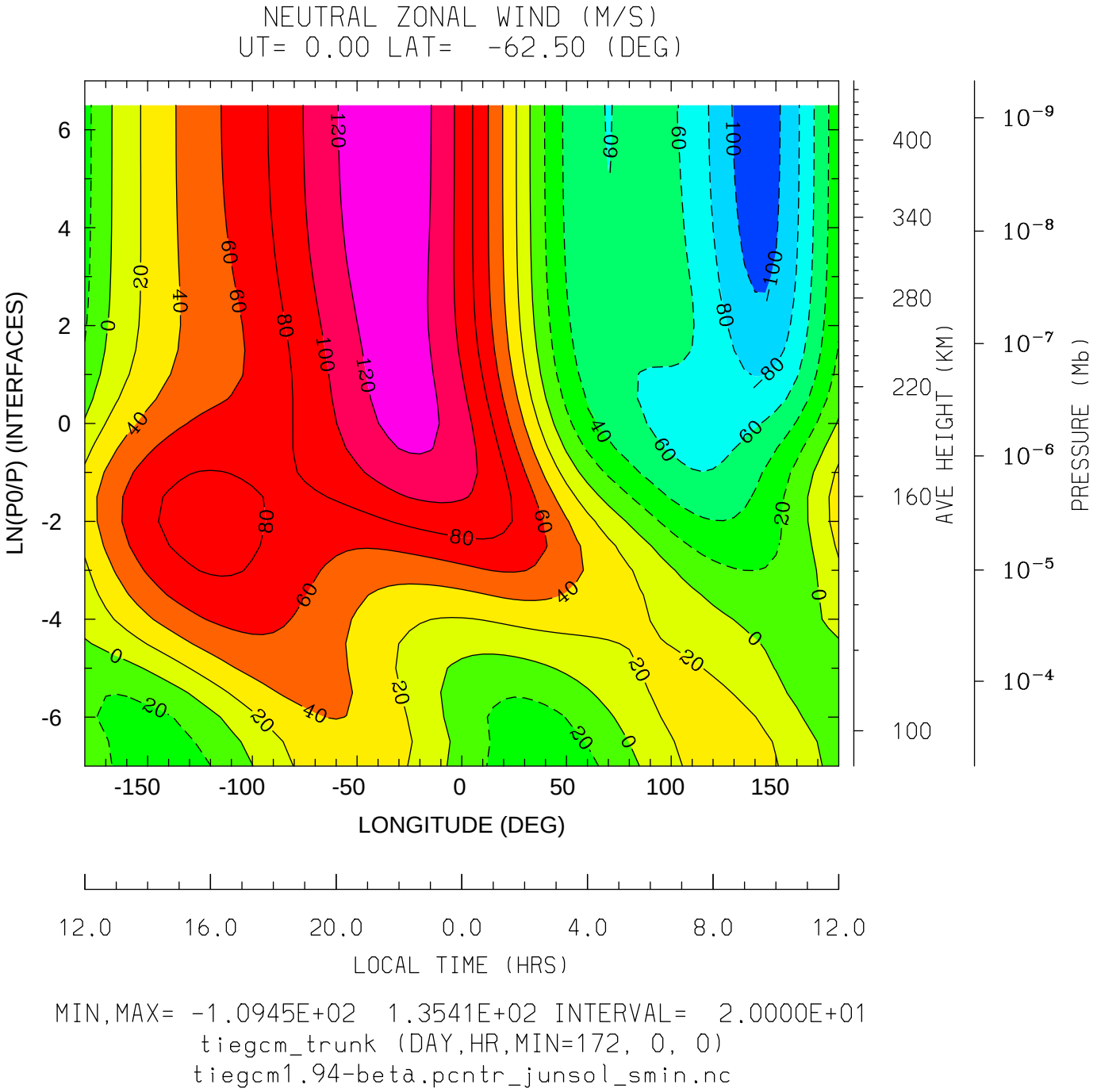
tiegcm1.94-beta.pcntr_junsol_smin.nc

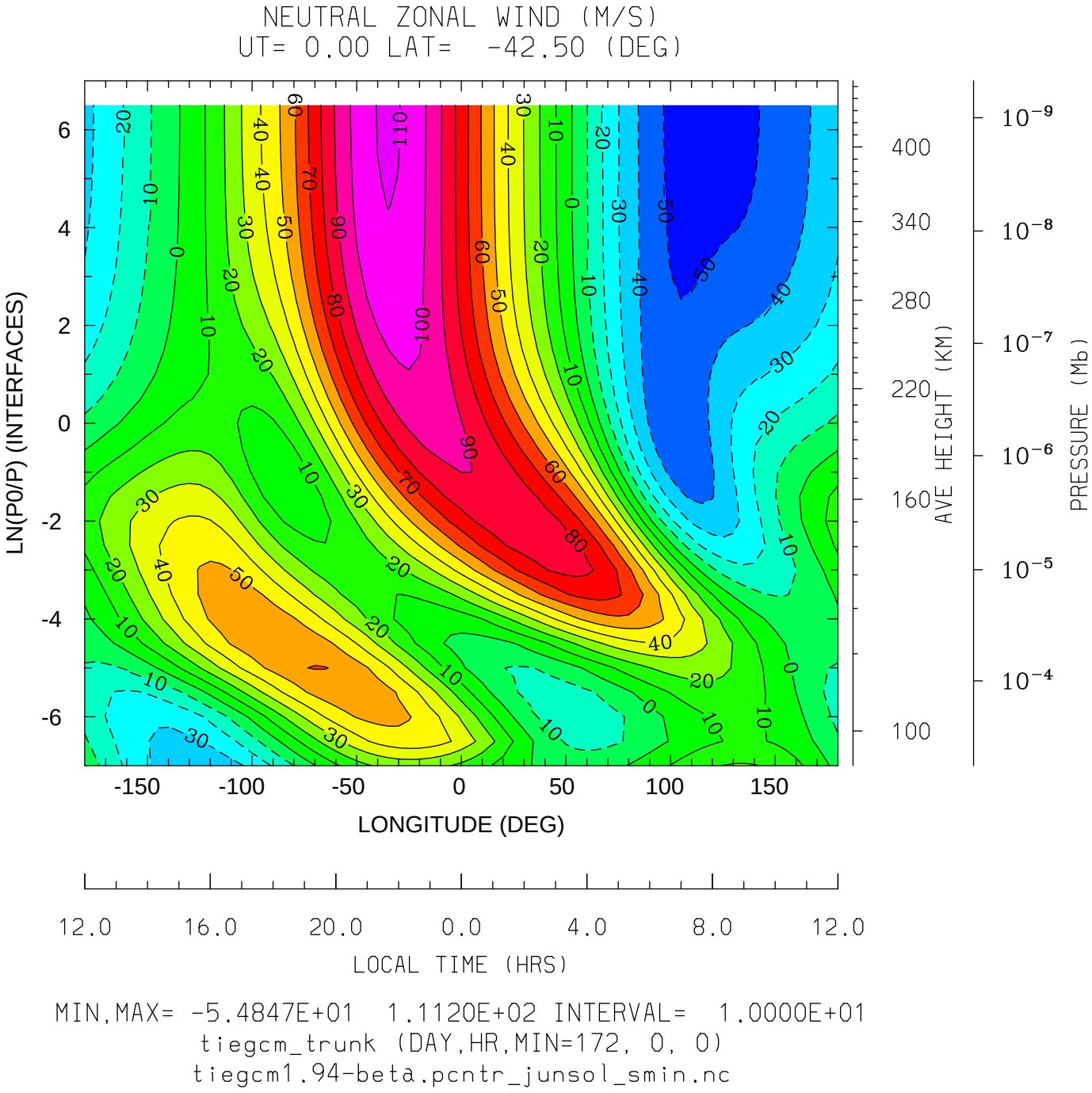


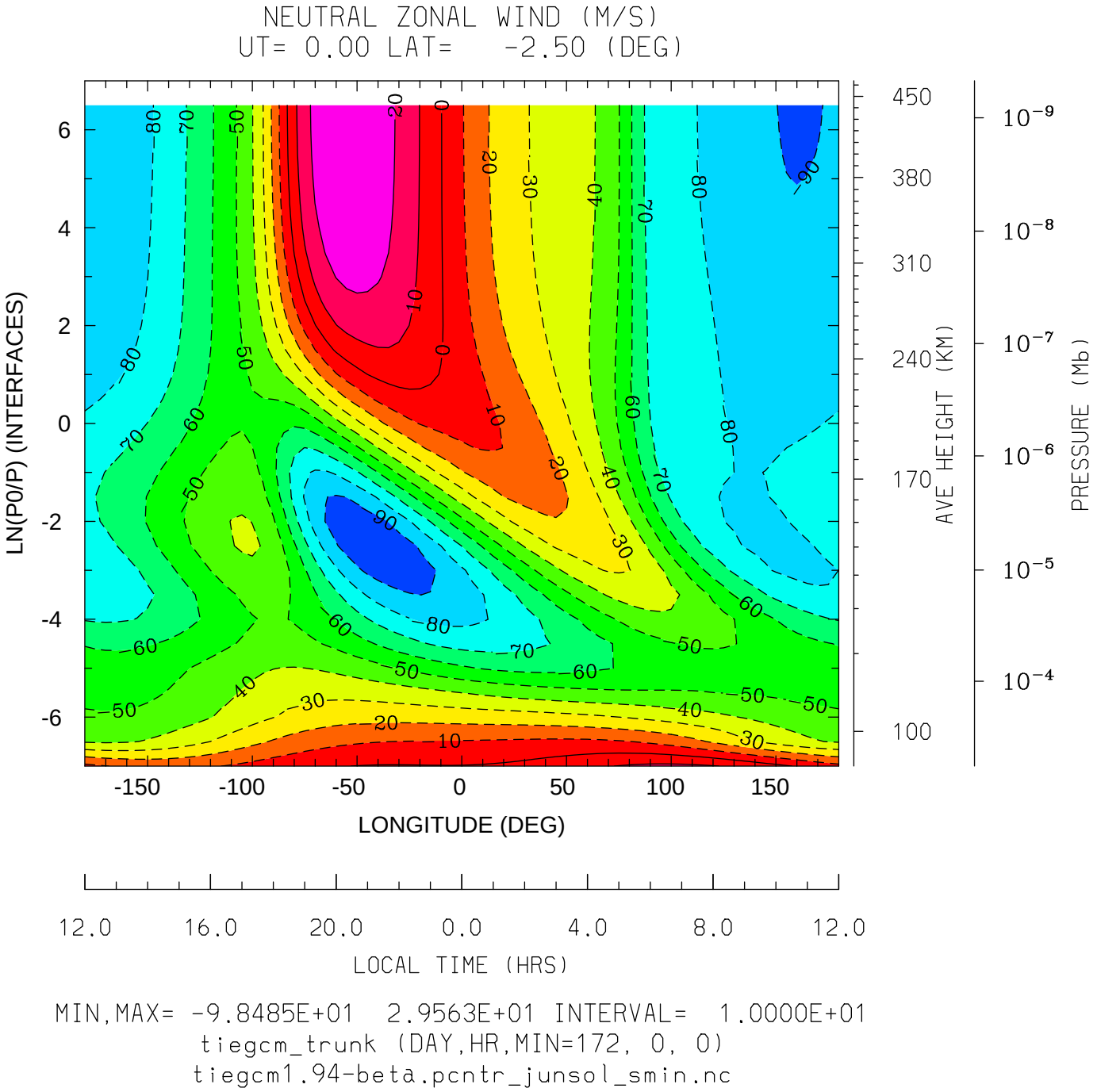
MIN,MAX= 1.6959E+02 8.0369E+02 INTERVAL= 5.0000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc


NEUTRAL ZONAL WIND (M/S)
UT= 0.00 LAT= -62.50 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.0945E+02 1.3541E+02 INTERVAL= 2.0000E+01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

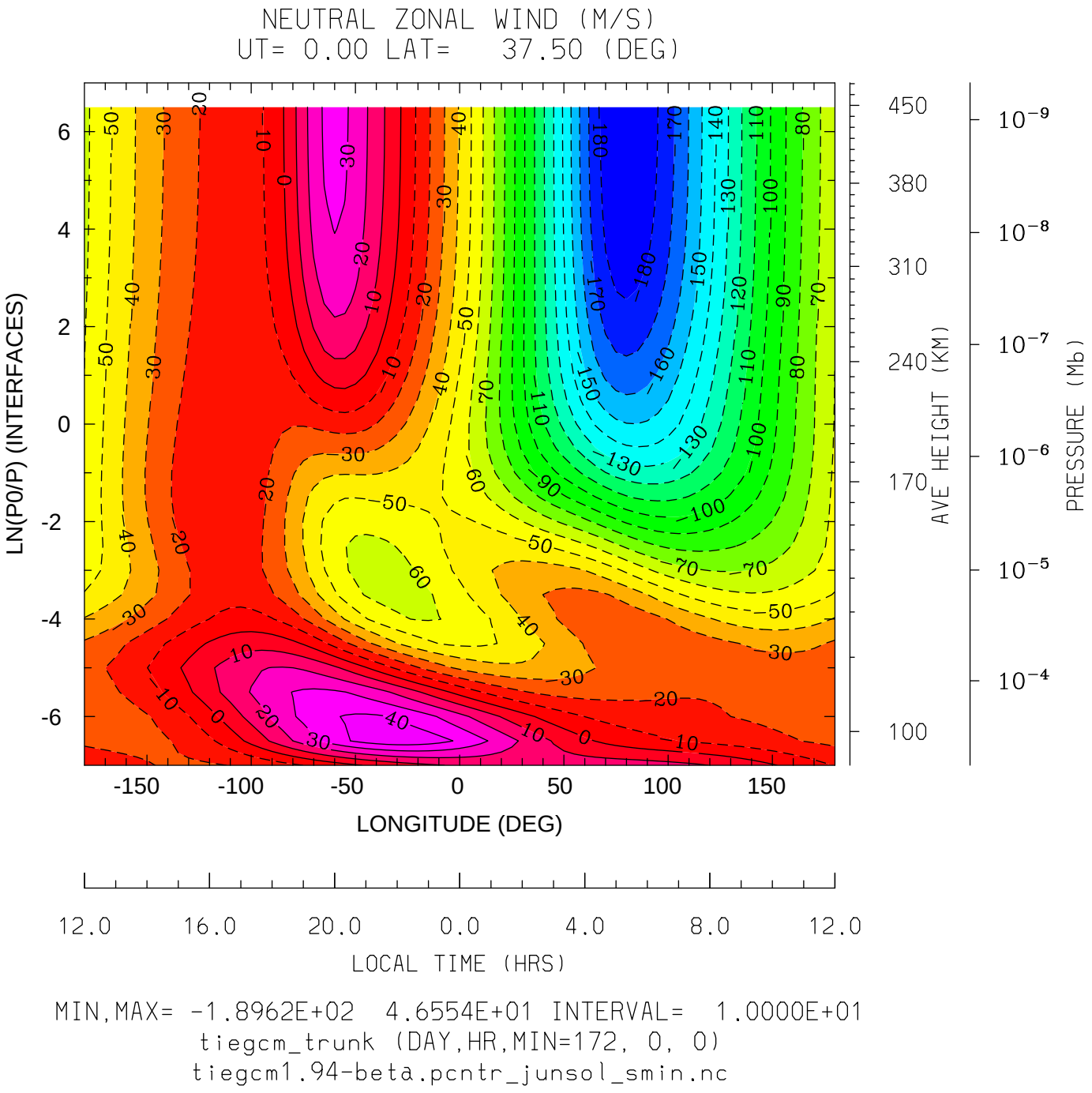

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 LAT= -42.50 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -5.4847E+01 1.1120E+02 INTERVAL= 1.0000E+01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

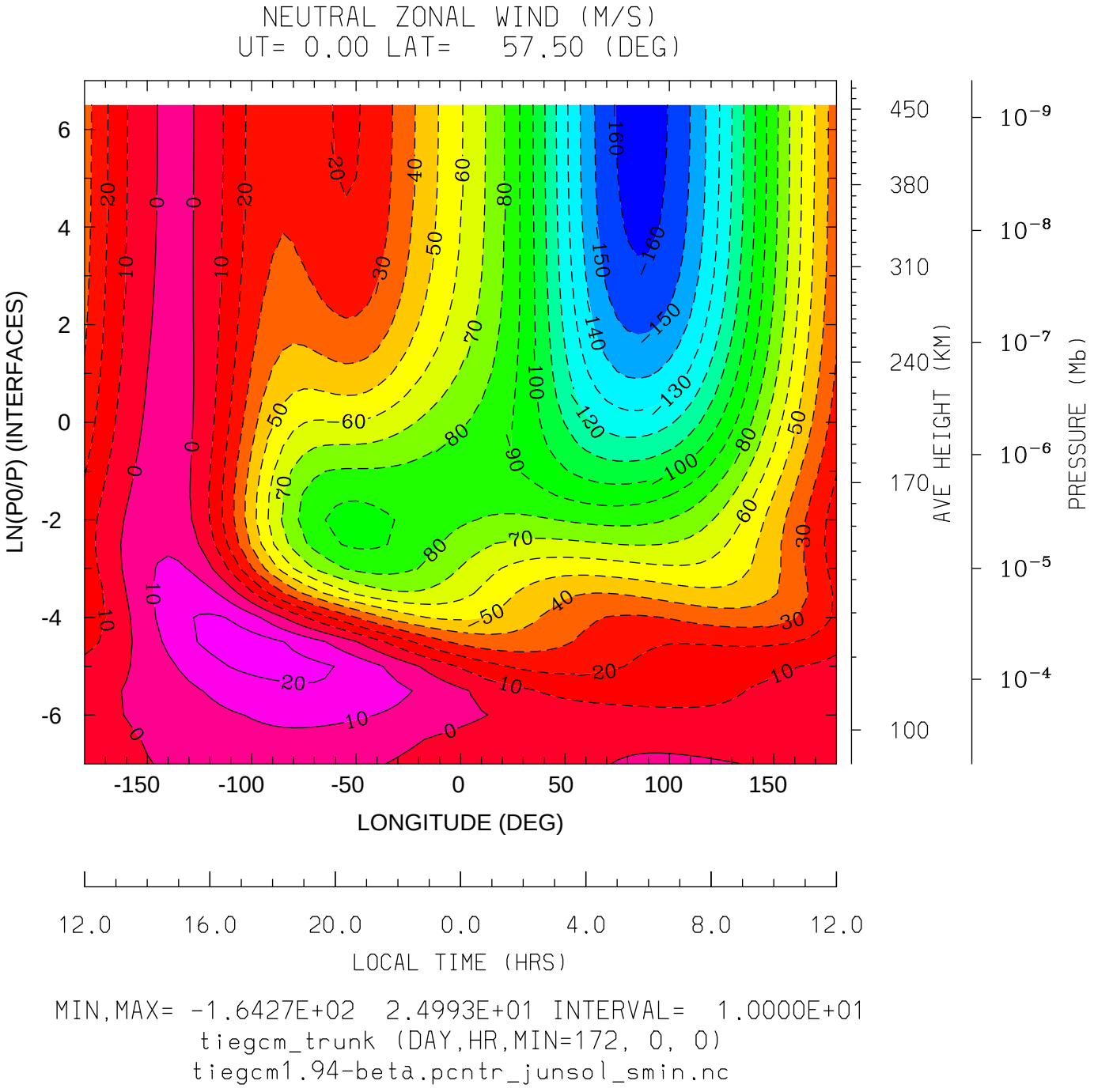


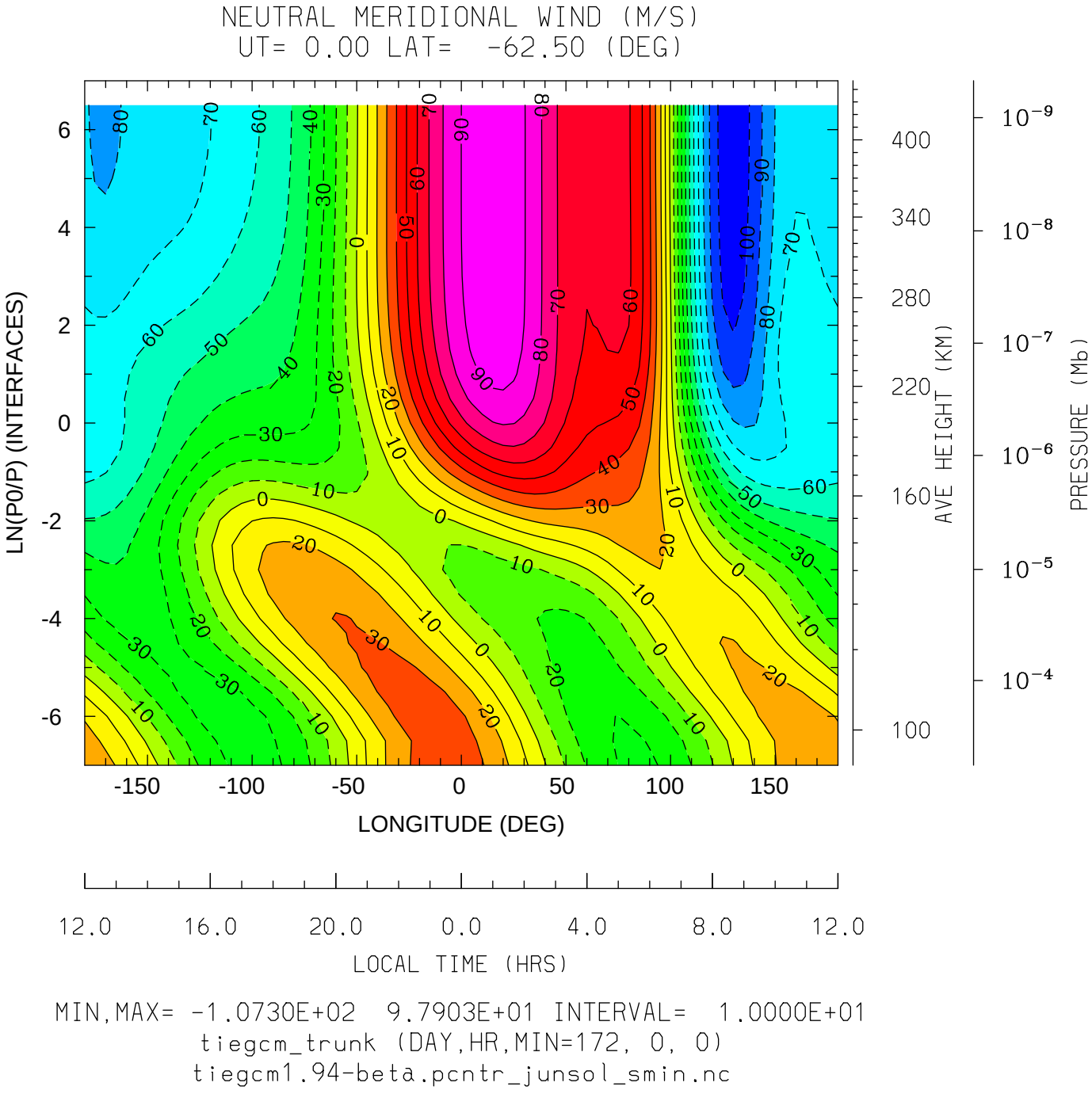
MIN,MAX= -9.8485E+01 2.9563E+01 INTERVAL= 1.0000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc


NEUTRAL ZONAL WIND (M/S)
UT= 0.00 LAT= 37.50 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.8962E+02 4.6554E+01 INTERVAL= 1.0000E+01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

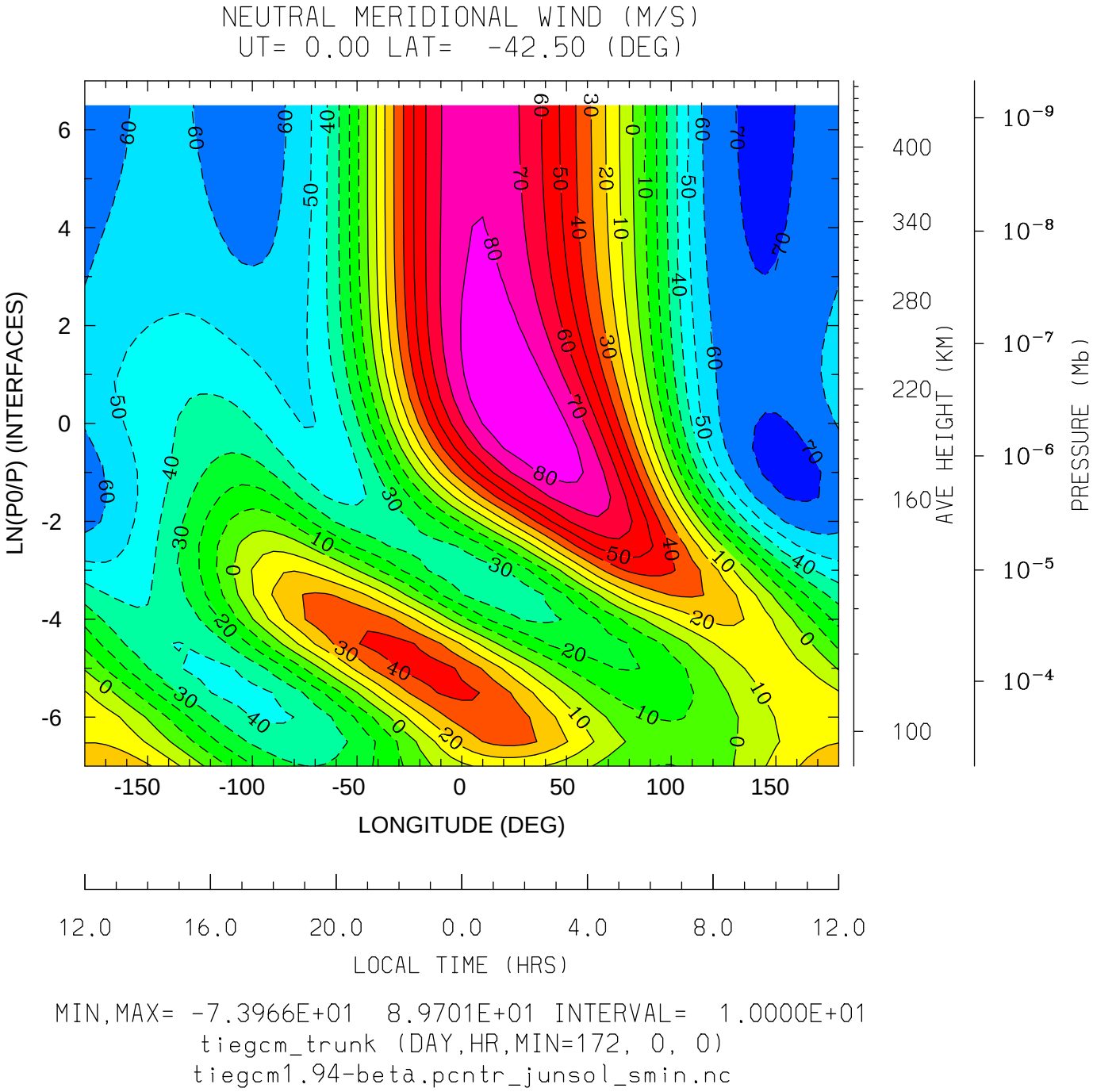

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 LAT= 57.50 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.6427E+02 2.4993E+01 INTERVAL= 1.0000E+01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

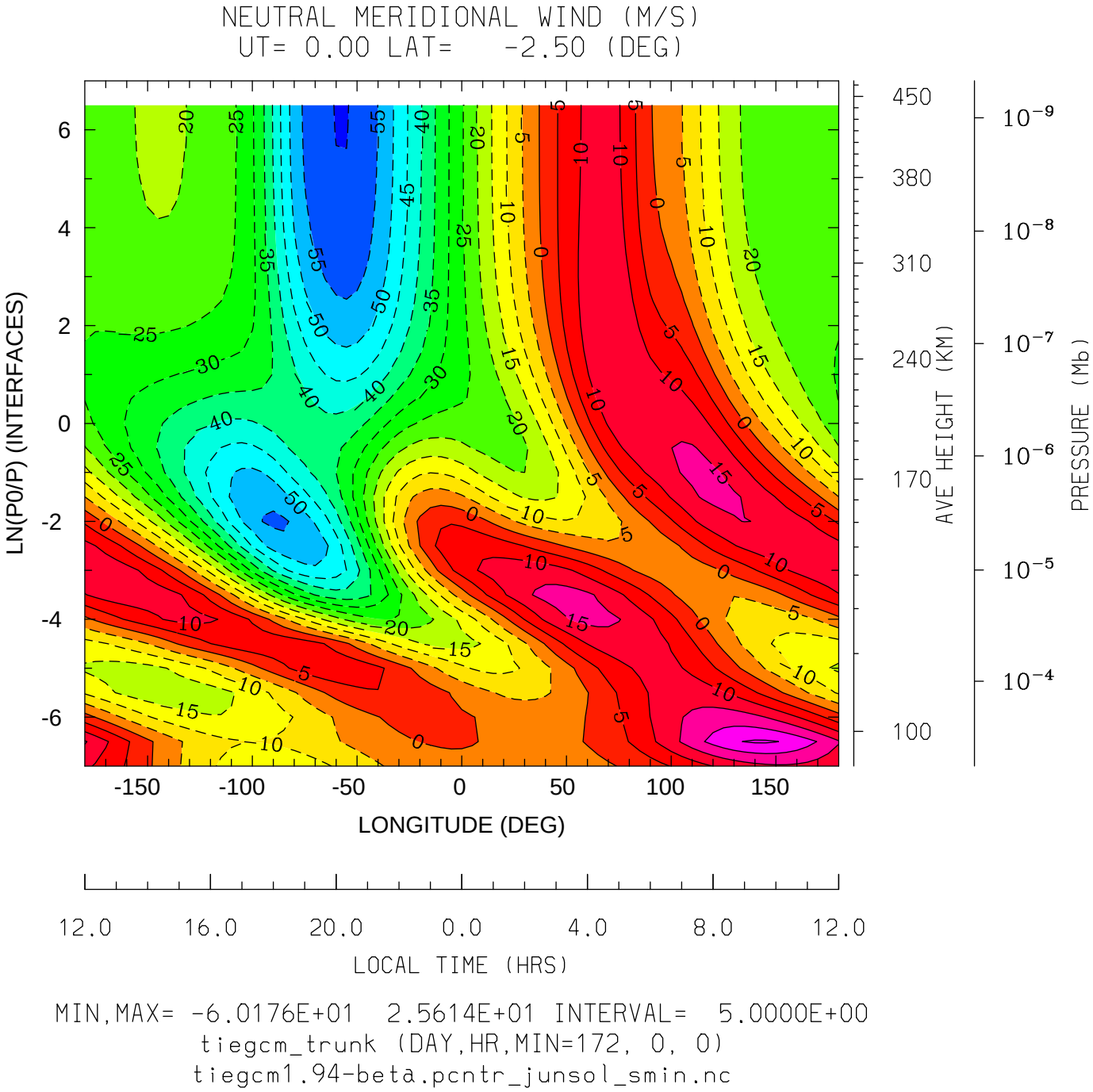


MIN,MAX= -1.0730E+02 9.7903E+01 INTERVAL= 1.0000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc

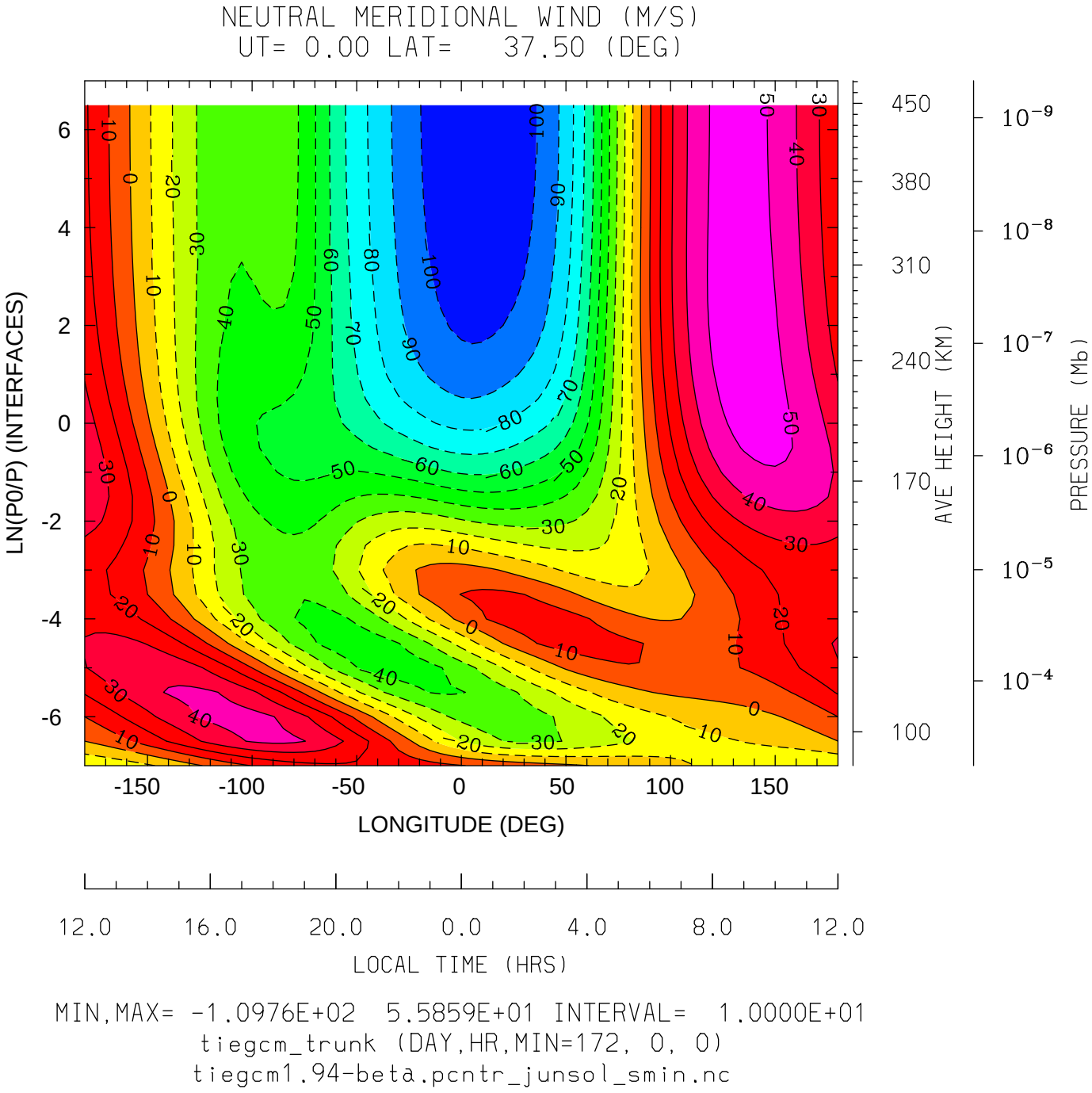

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 LAT= -42.50 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -7.3966E+01 8.9701E+01 INTERVAL= 1.0000E+01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= -6.0176E+01 2.5614E+01 INTERVAL= 5.0000E+00

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

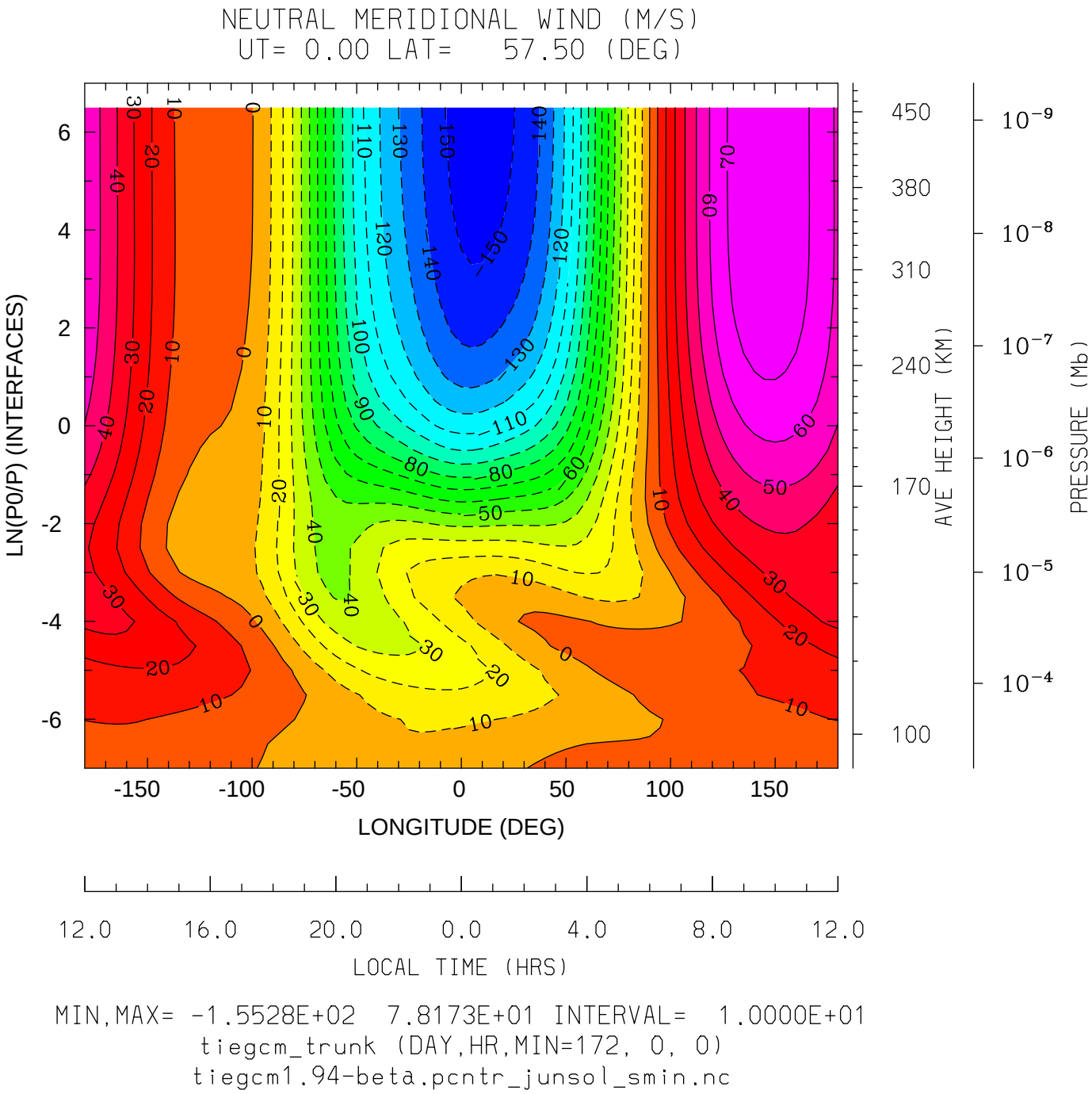
tiegcm1.94-beta.pcntr_junsol_smin.nc

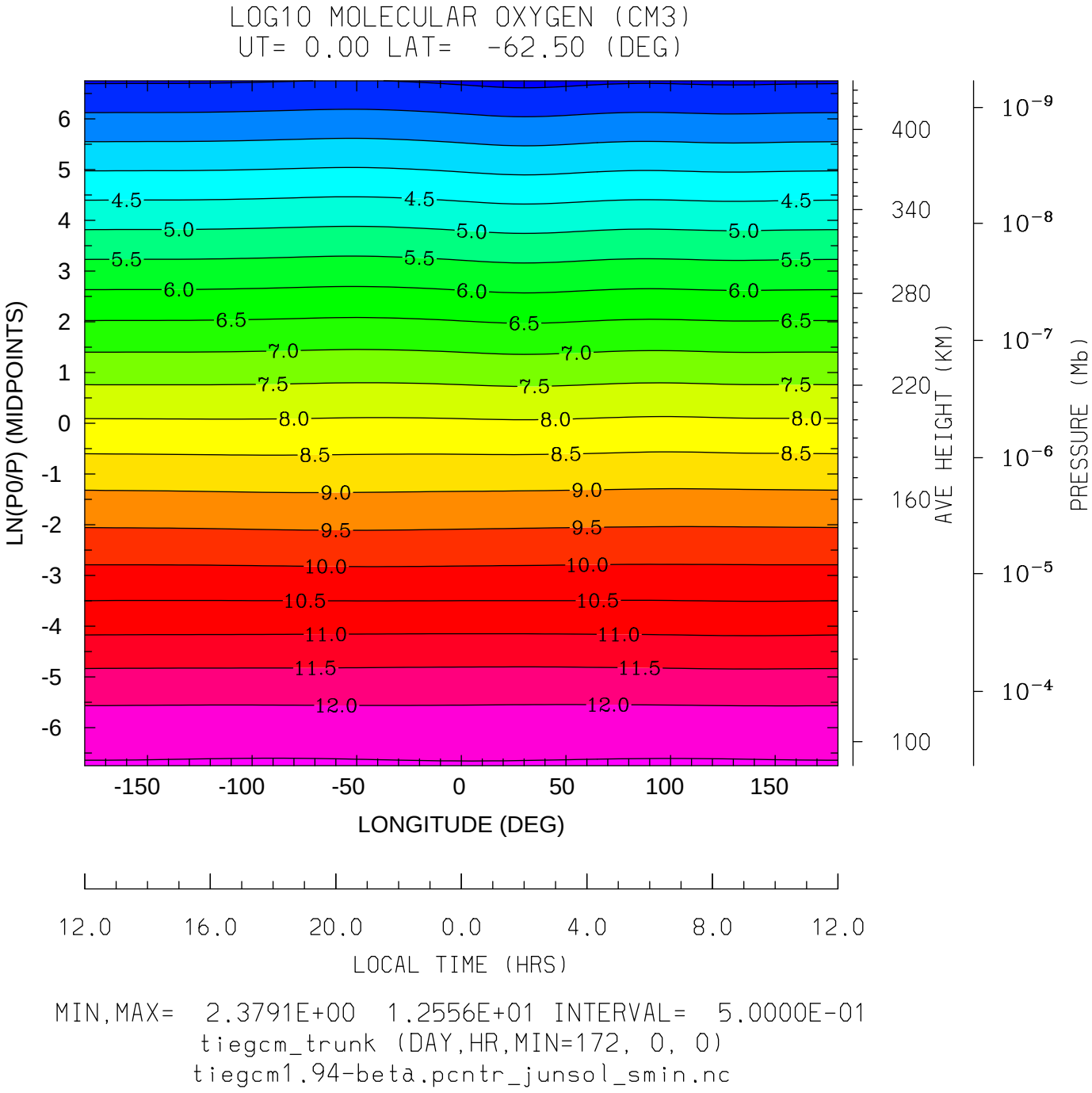


MIN,MAX= -1.0976E+02 5.5859E+01 INTERVAL= 1.0000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc

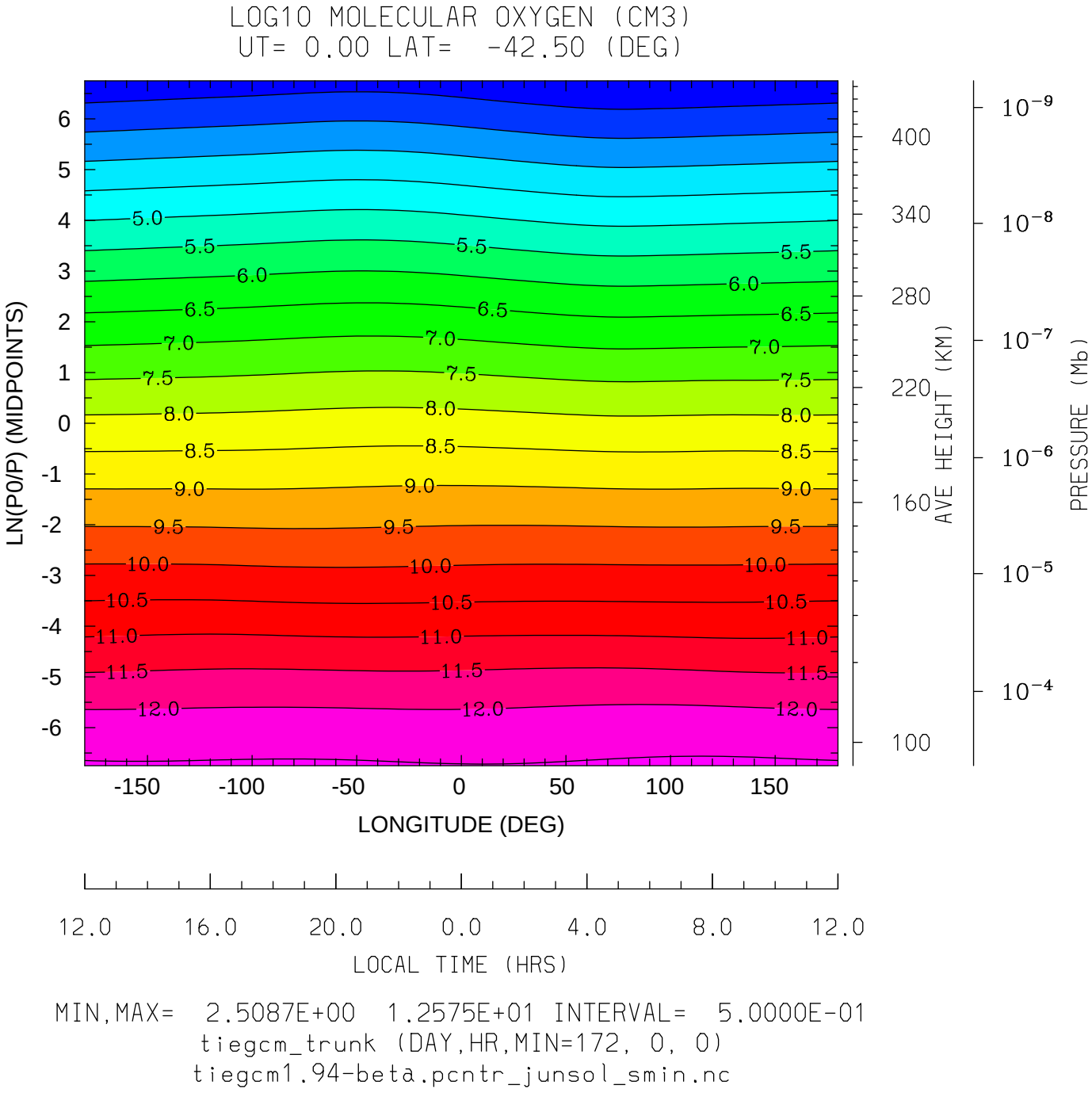

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 LAT= 57.50 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.5528E+02 7.8173E+01 INTERVAL= 1.0000E+01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 2.3791E+00 1.2556E+01 INTERVAL= 5.0000E-01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

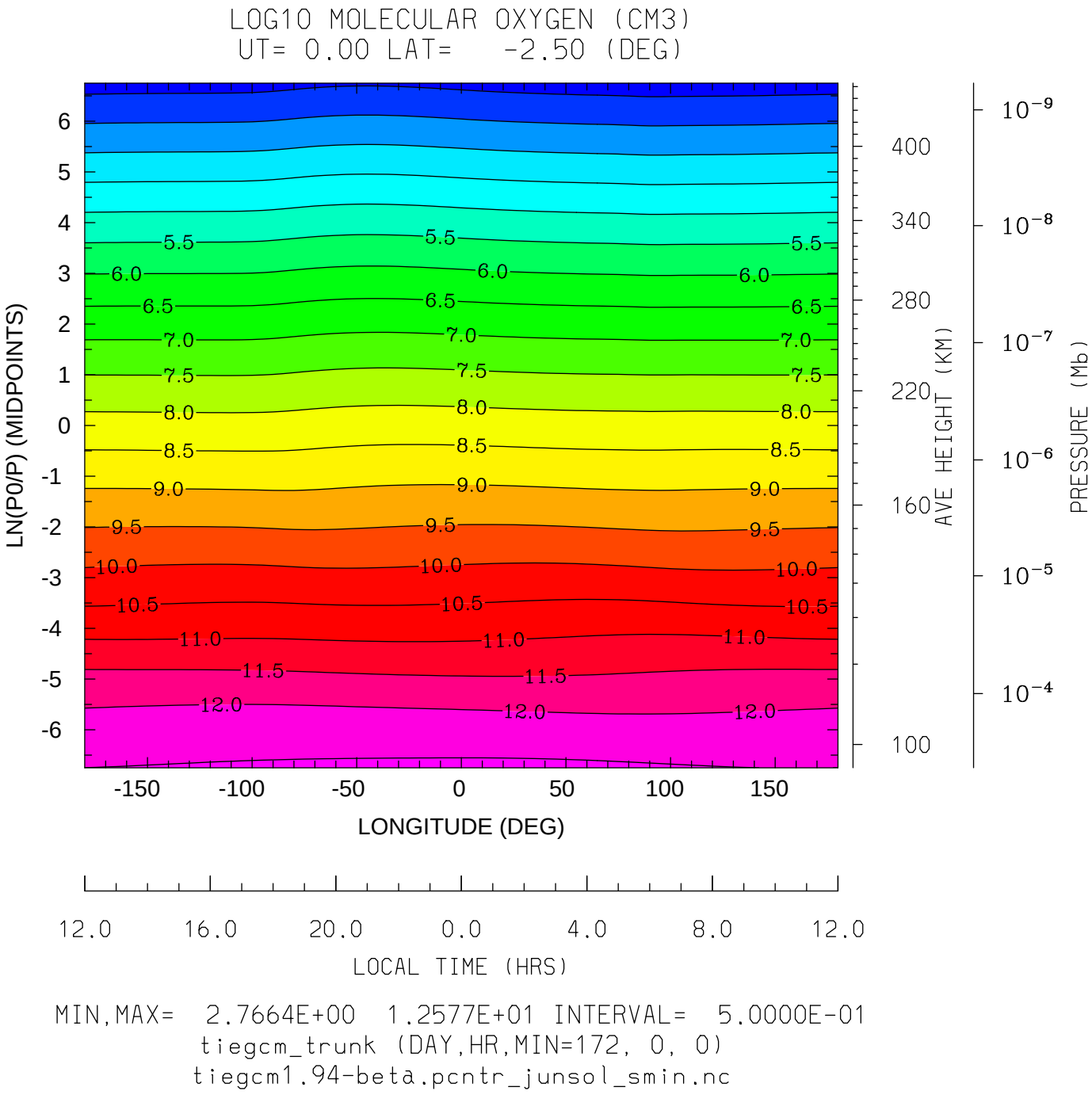
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 2.5087E+00 1.2575E+01 INTERVAL= 5.0000E-01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

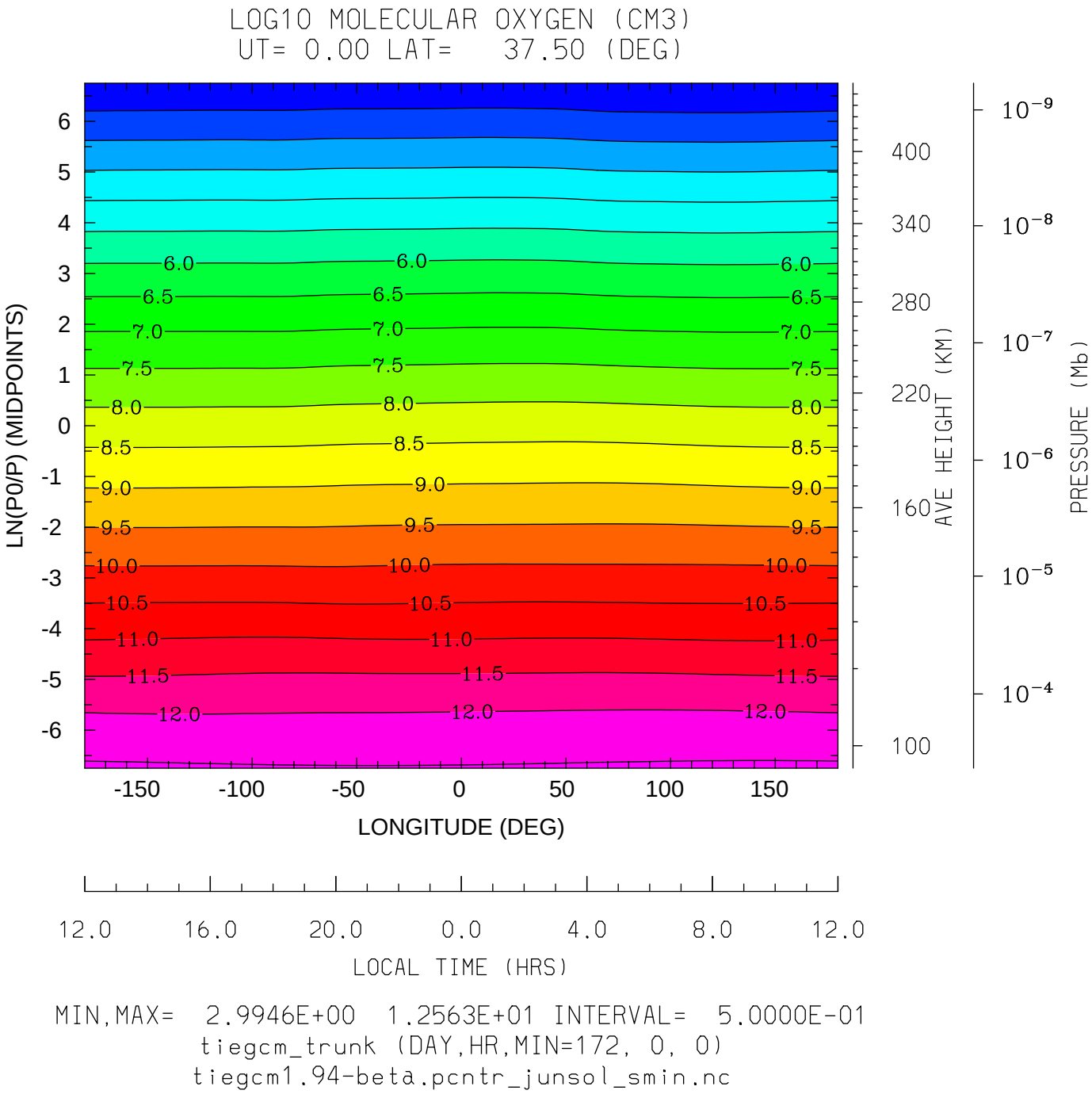
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 2.7664E+00 1.2577E+01 INTERVAL= 5.0000E-01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

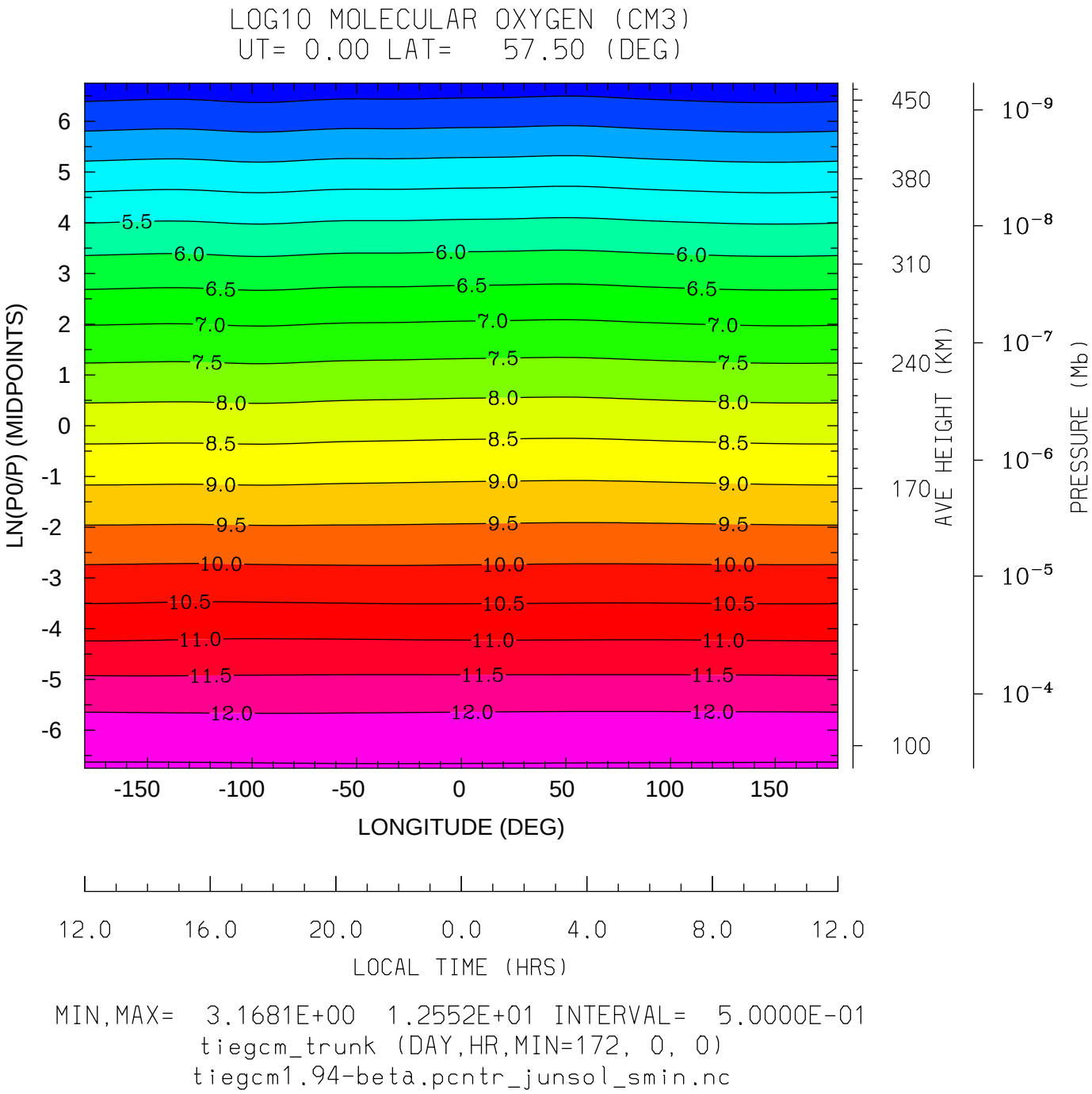
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 2.9946E+00 1.2563E+01 INTERVAL= 5.0000E-01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

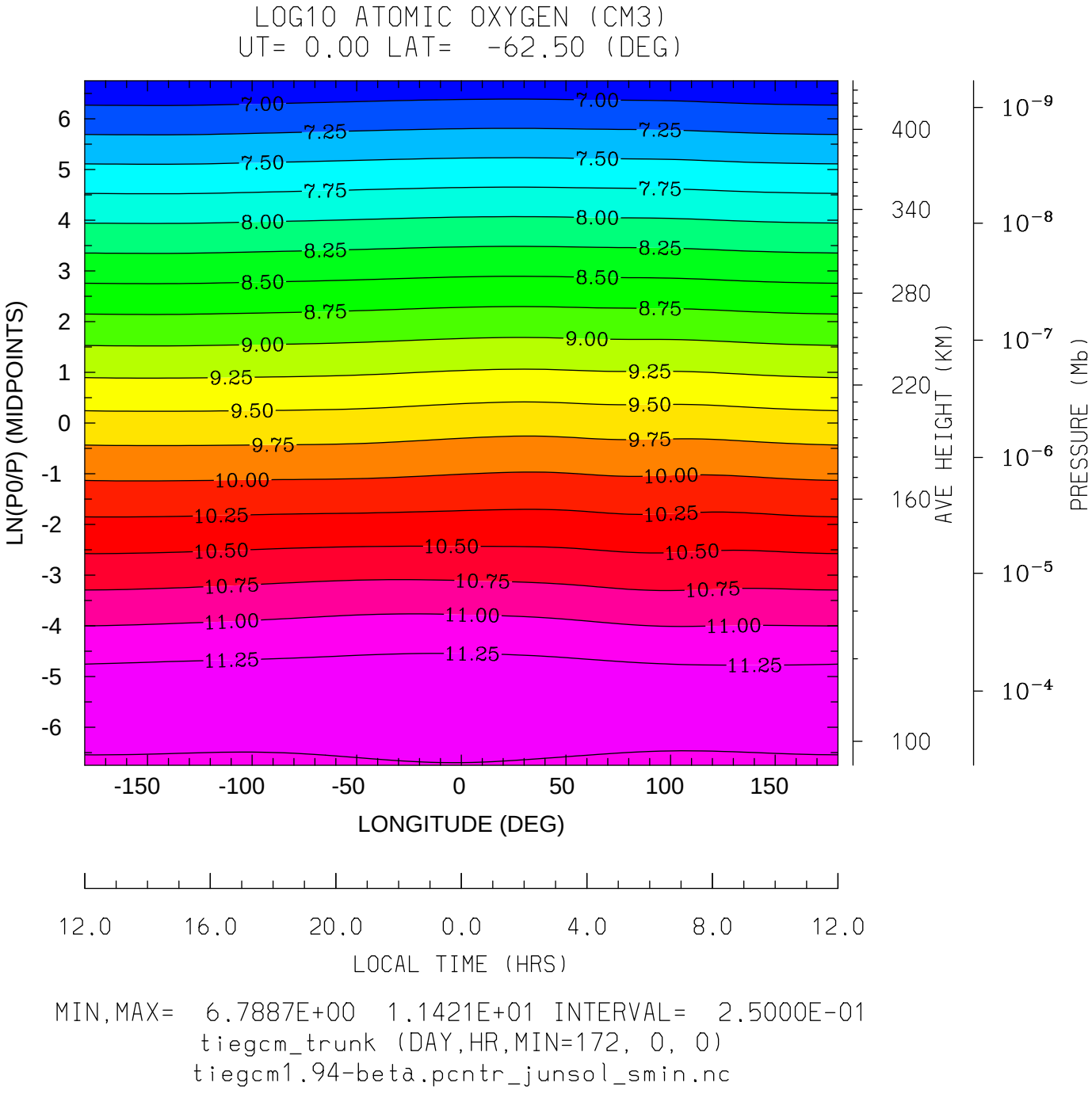
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 3.1681E+00 1.2552E+01 INTERVAL= 5.0000E-01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

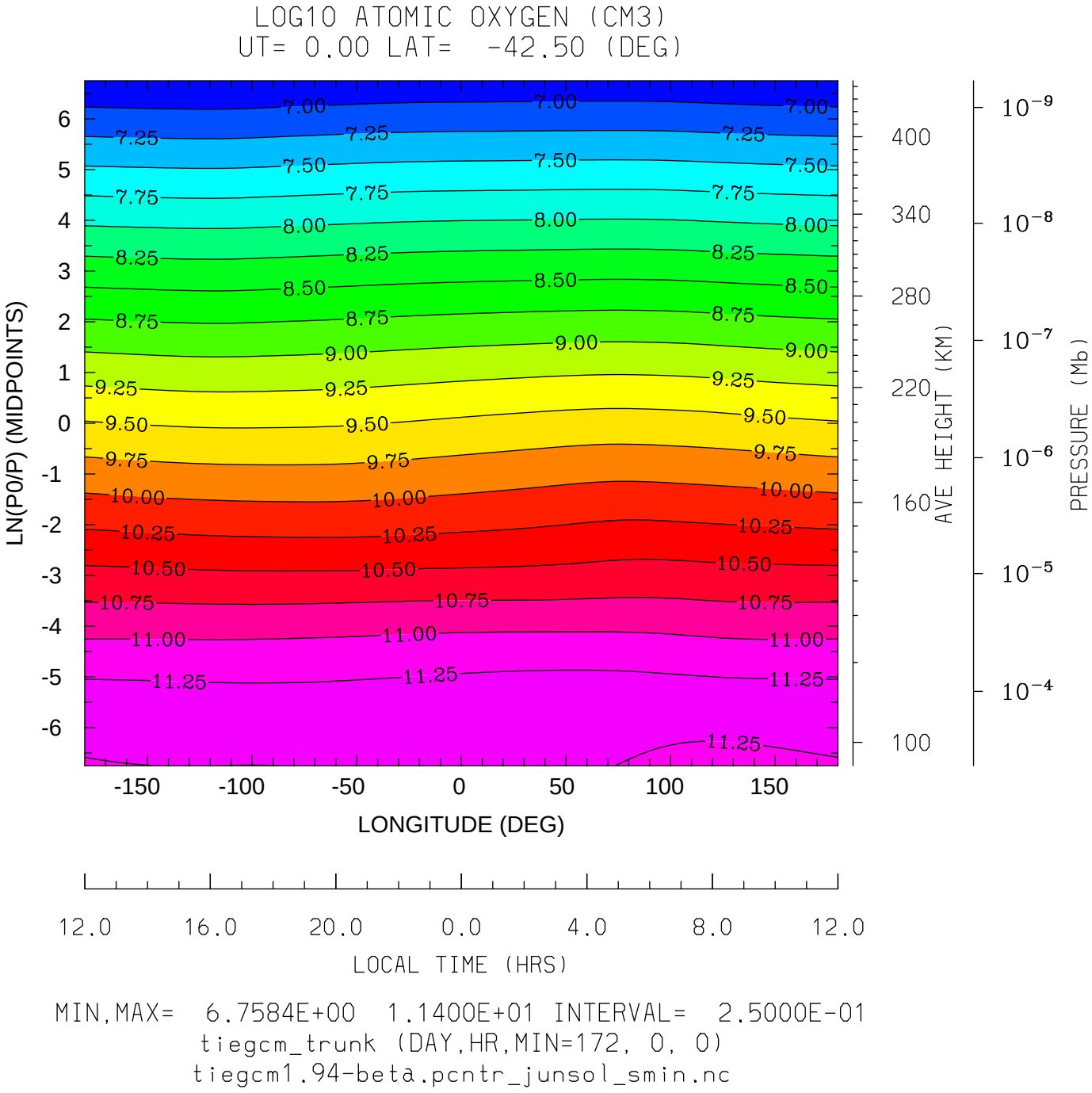
tiegcm1.94-beta.pcntr_junsol_smin.nc

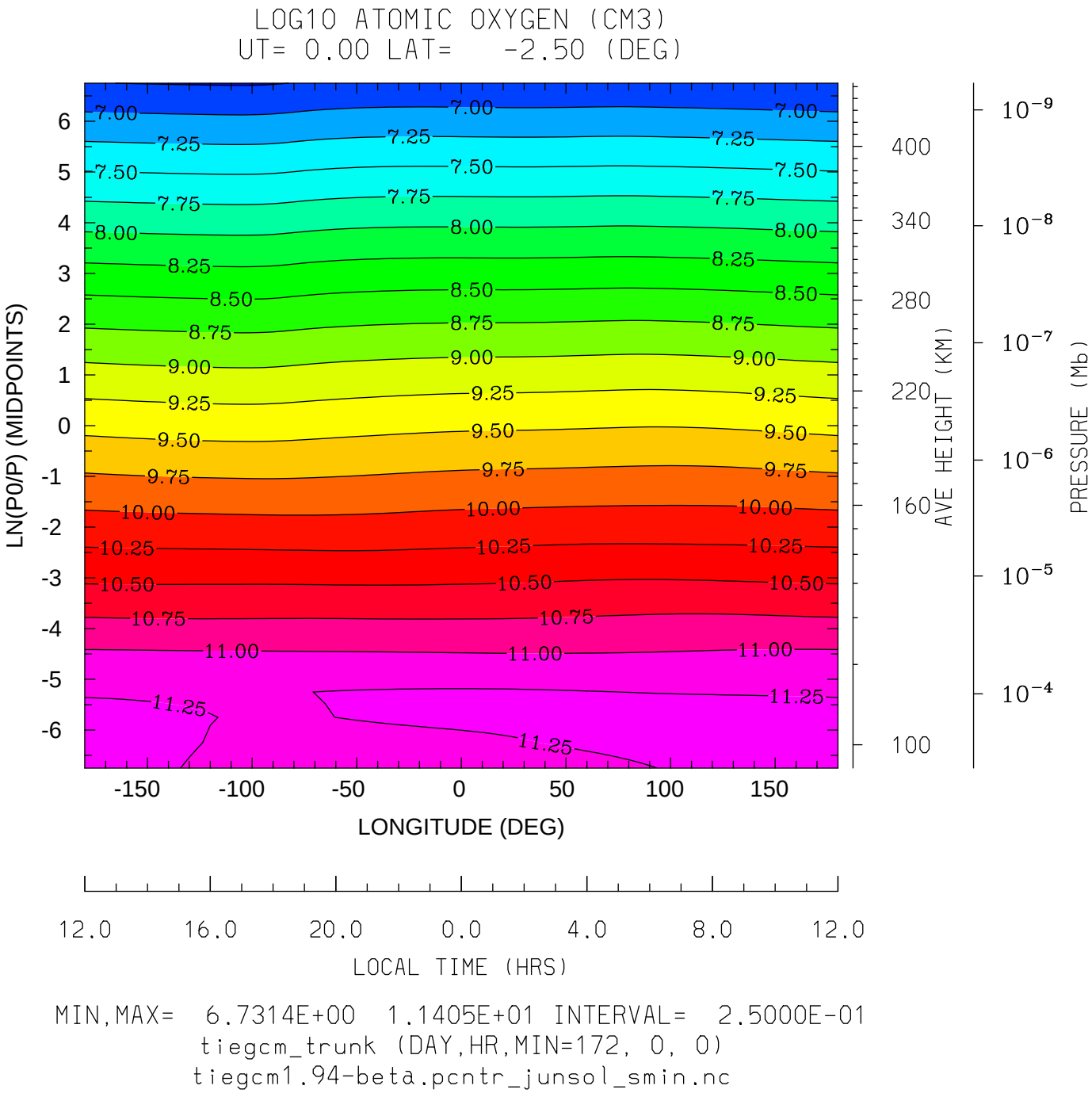


MIN,MAX= 6.7887E+00 1.1421E+01 INTERVAL= 2.5000E-01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc

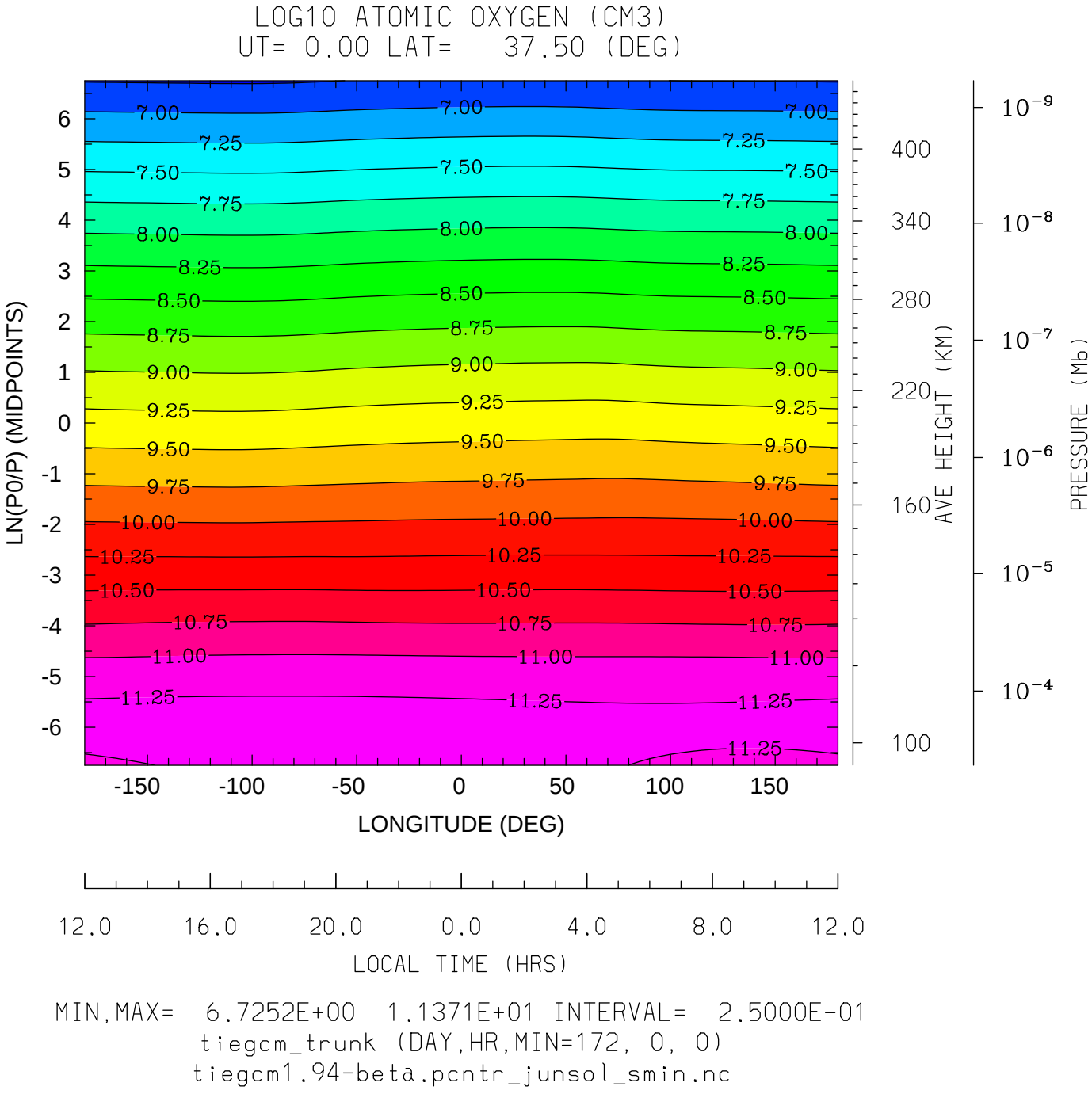

LOG10 ATOMIC OXYGEN (CM3)
UT= 0.00 LAT= -42.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 6.7584E+00 1.1400E+01 INTERVAL= 2.5000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 6.7314E+00 1.1405E+01 INTERVAL= 2.5000E-01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

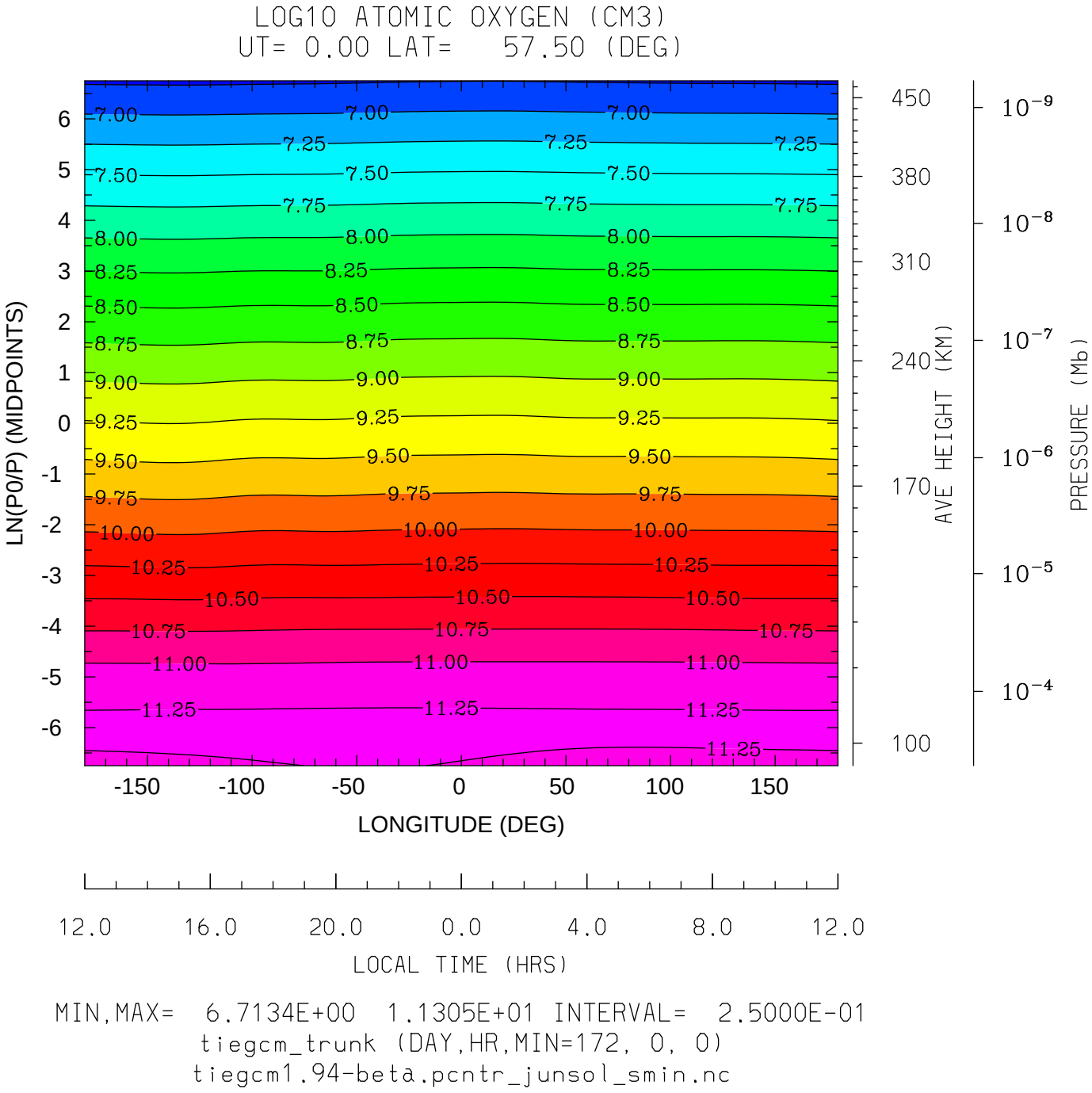
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 6.7252E+00 1.1371E+01 INTERVAL= 2.5000E-01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

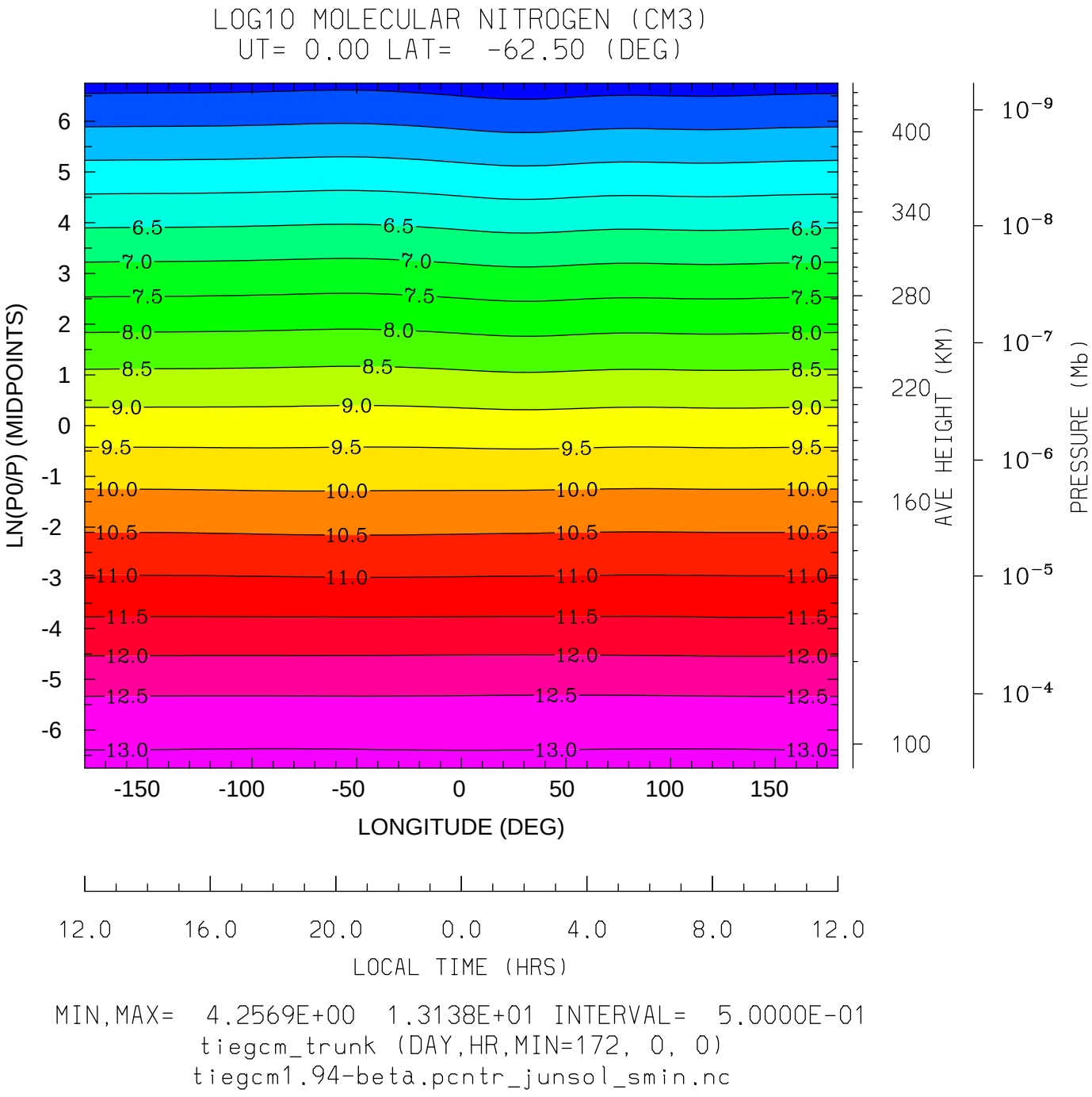
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 6.7134E+00 1.1305E+01 INTERVAL= 2.5000E-01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

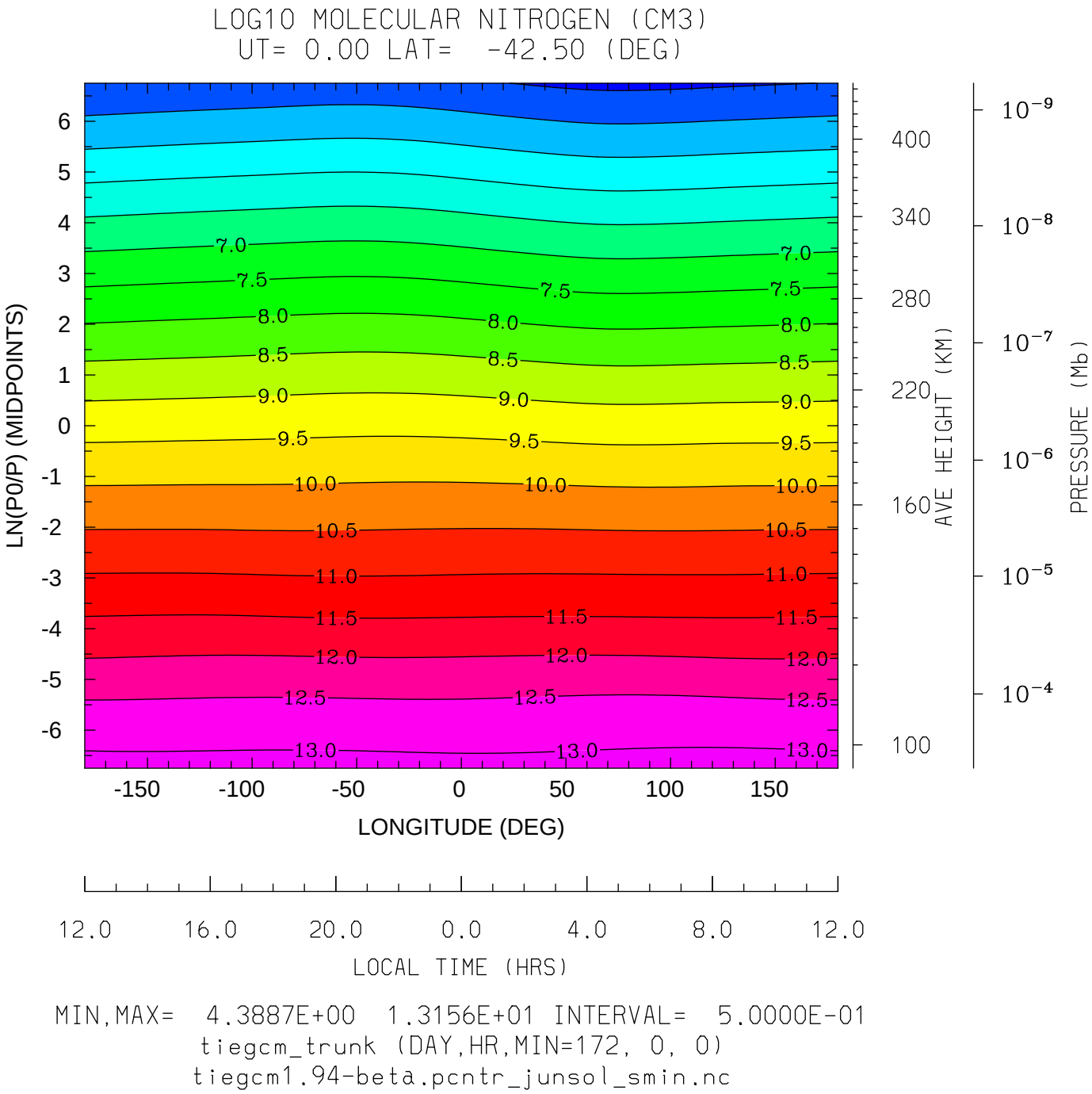
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 4.2569E+00 1.3138E+01 INTERVAL= 5.0000E-01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

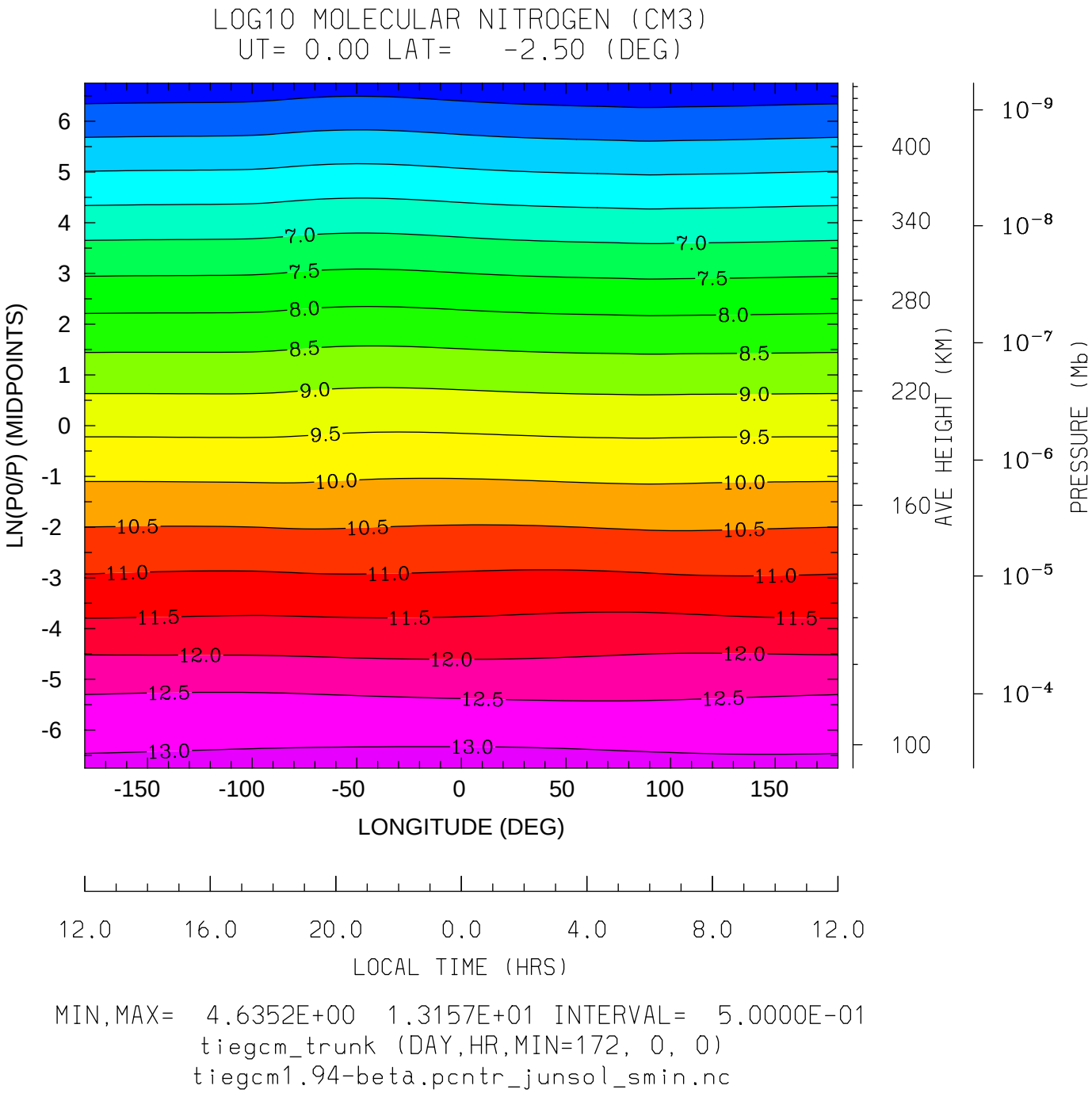
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 4.3887E+00 1.3156E+01 INTERVAL= 5.0000E-01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

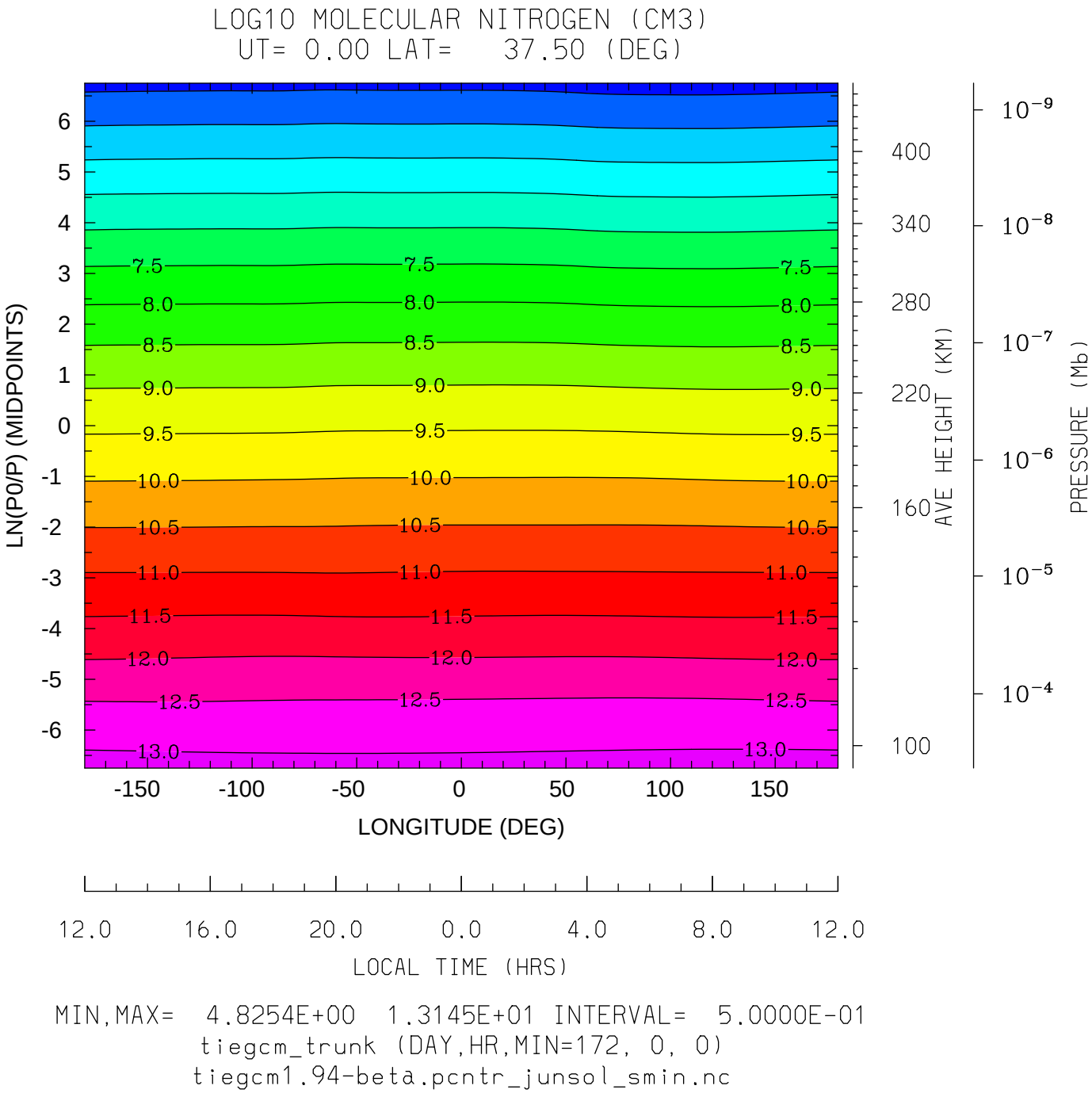
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 4.6352E+00 1.3157E+01 INTERVAL= 5.0000E-01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

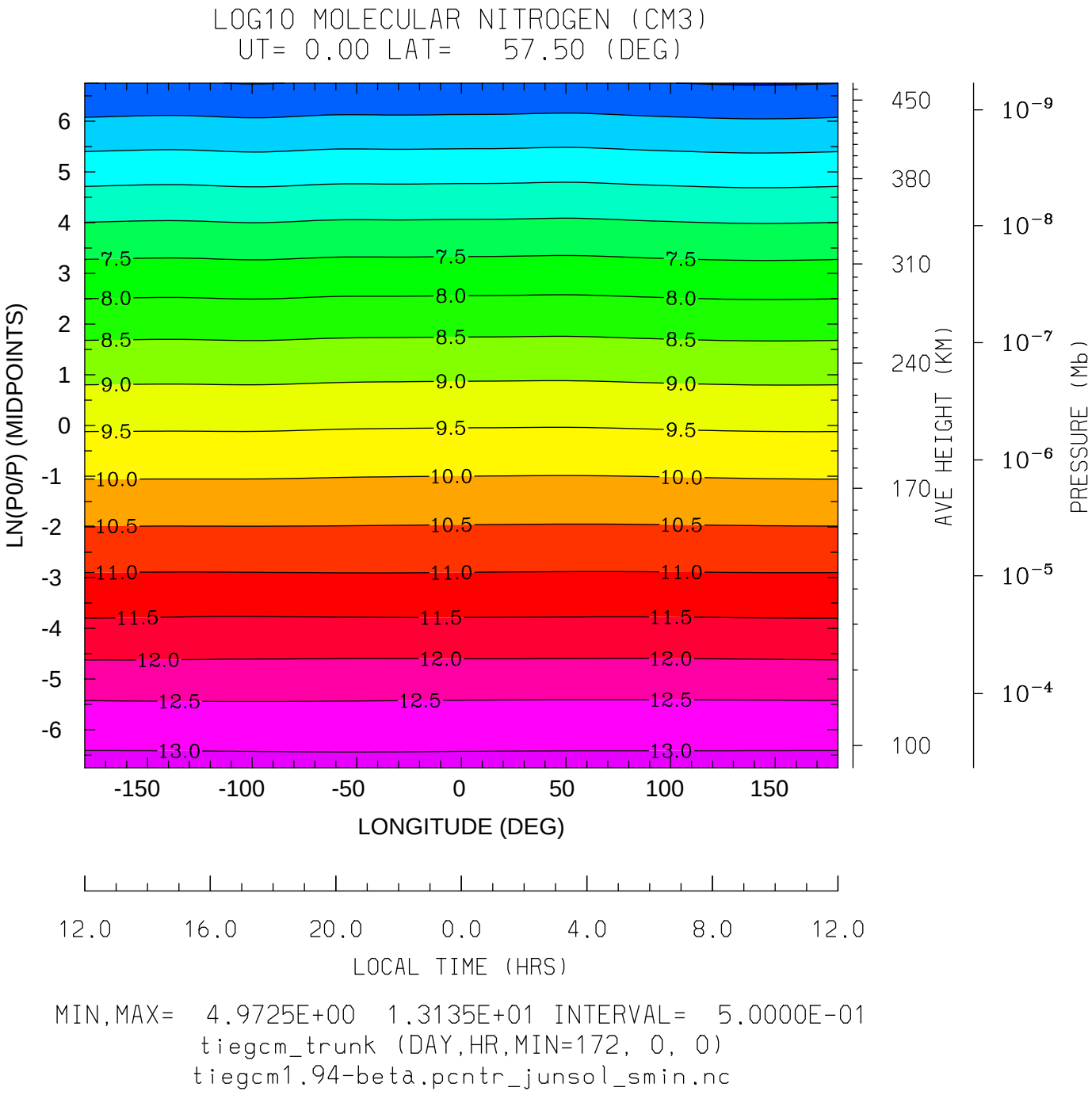
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 4.8254E+00 1.3145E+01 INTERVAL= 5.0000E-01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

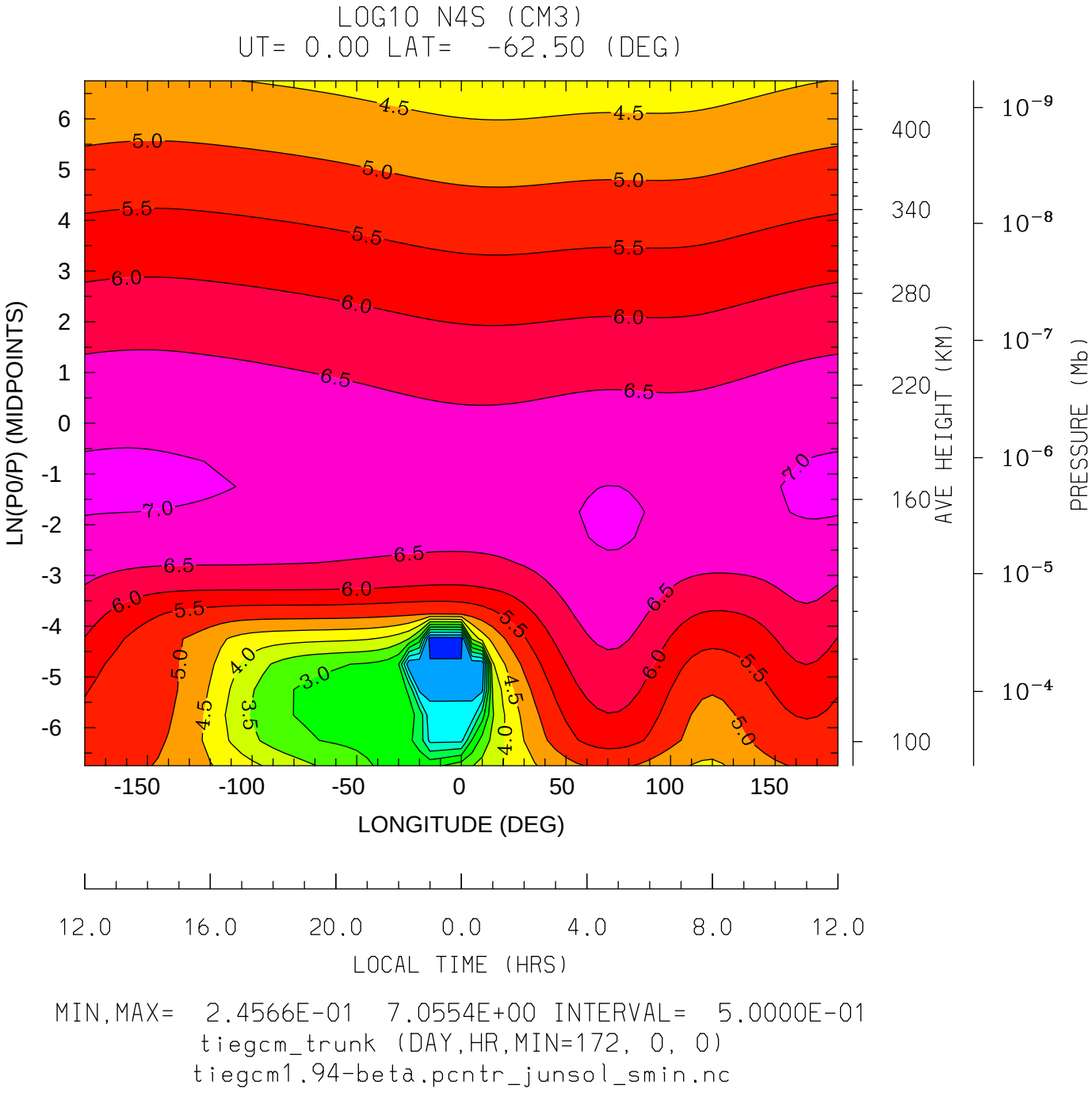
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 4.9725E+00 1.3135E+01 INTERVAL= 5.0000E-01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

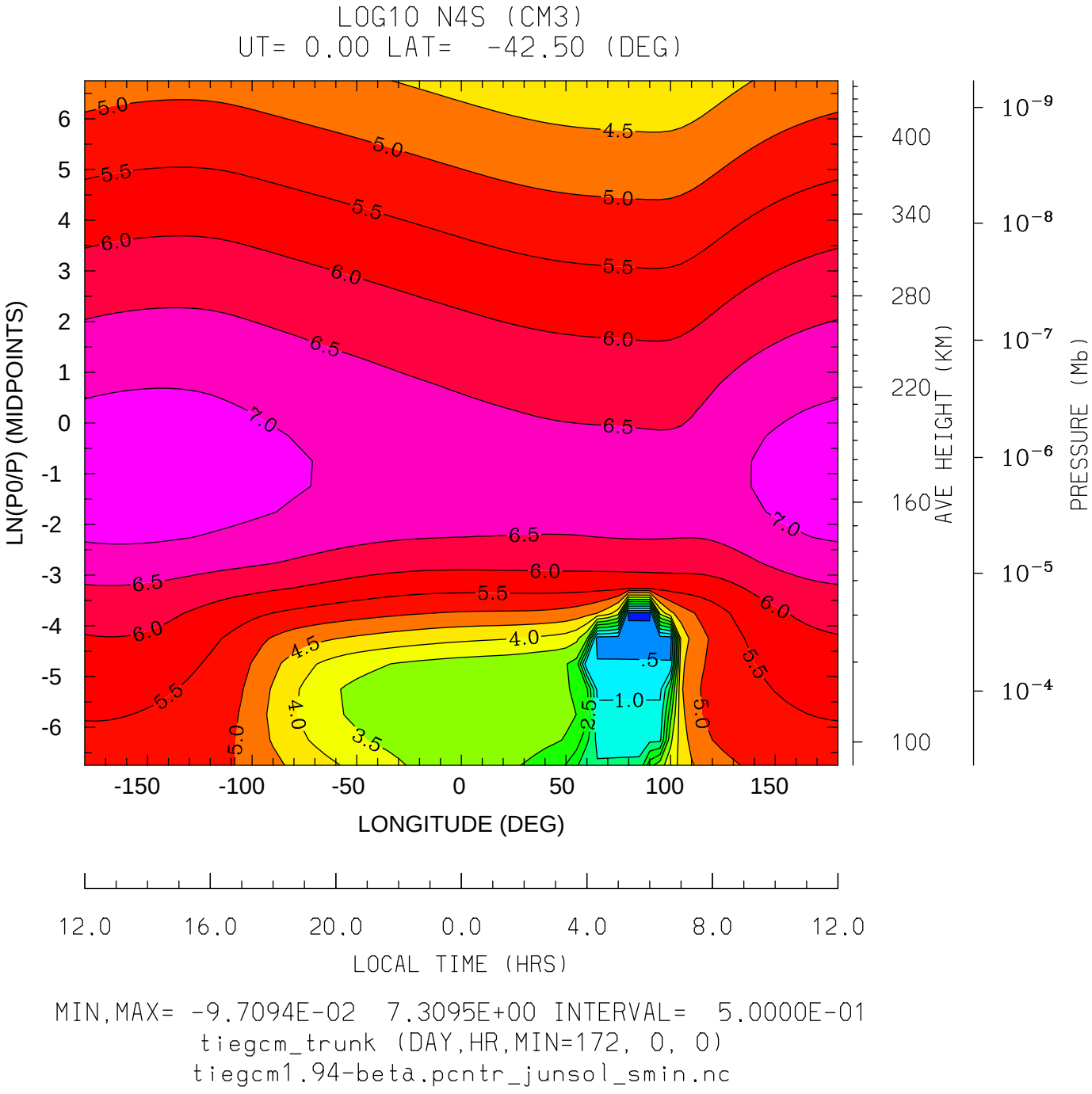
tiegcm1.94-beta.pcntr_junsol_smin.nc

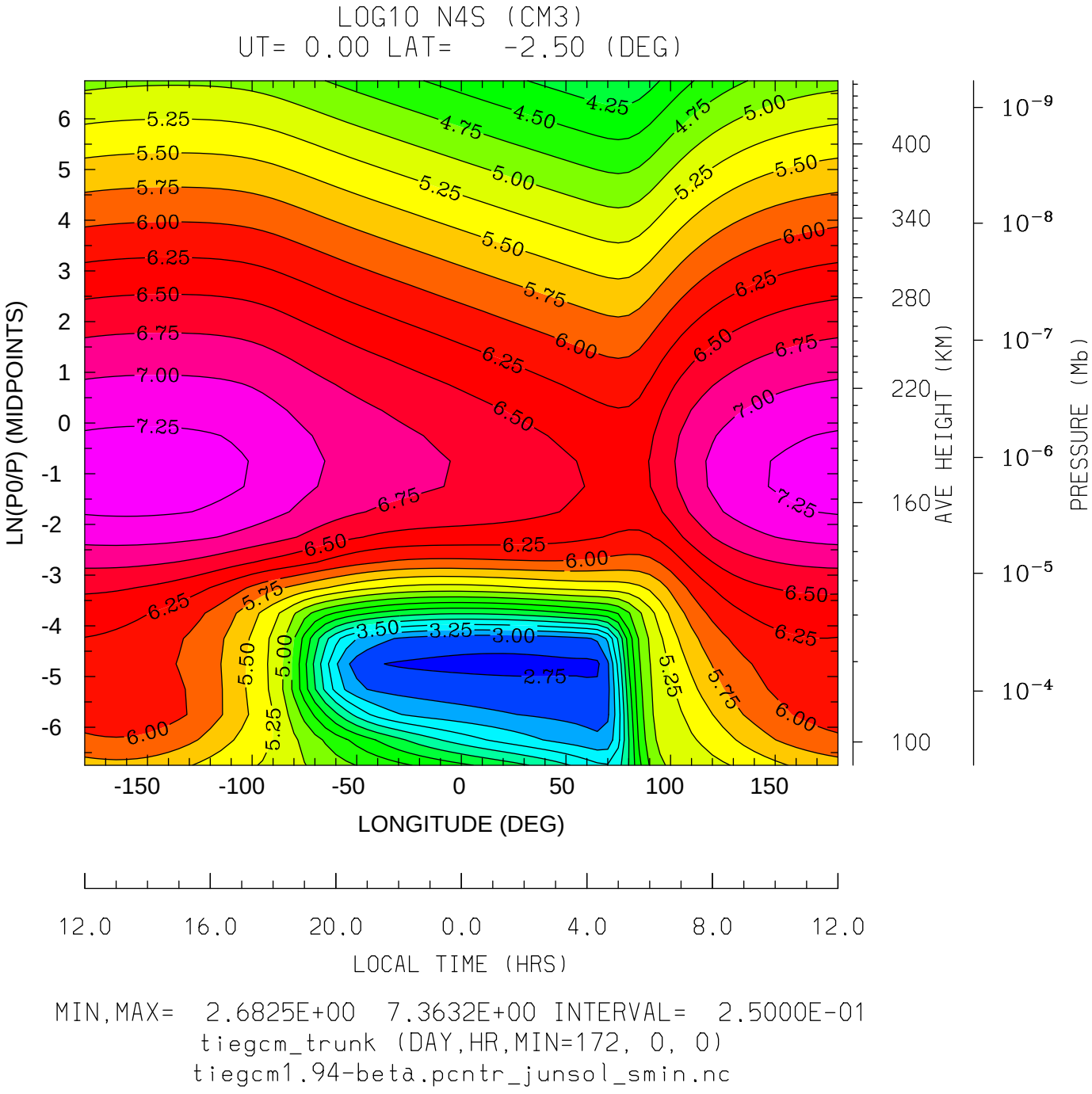


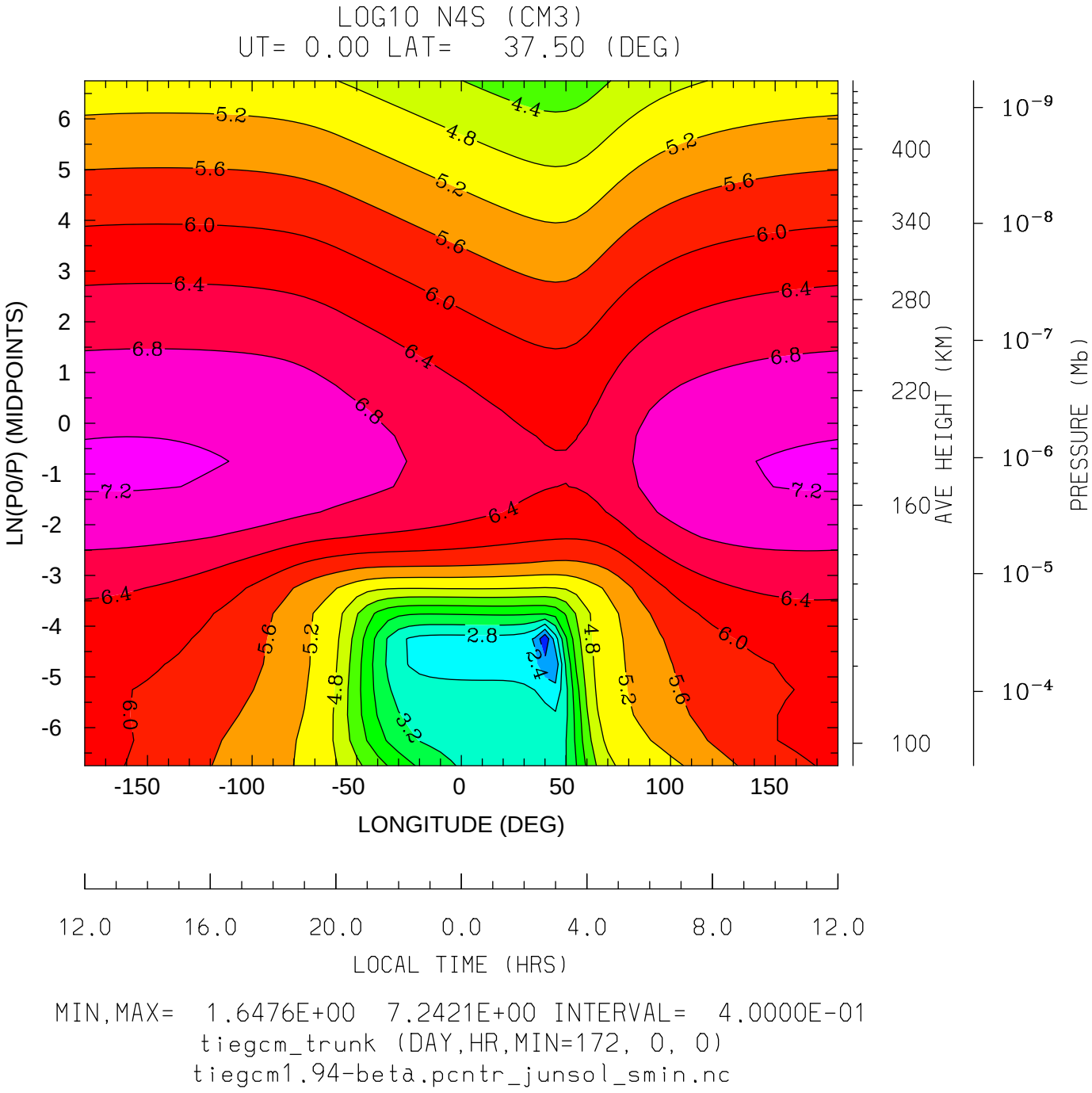
MIN,MAX= 2.4566E-01 7.0554E+00 INTERVAL= 5.0000E-01

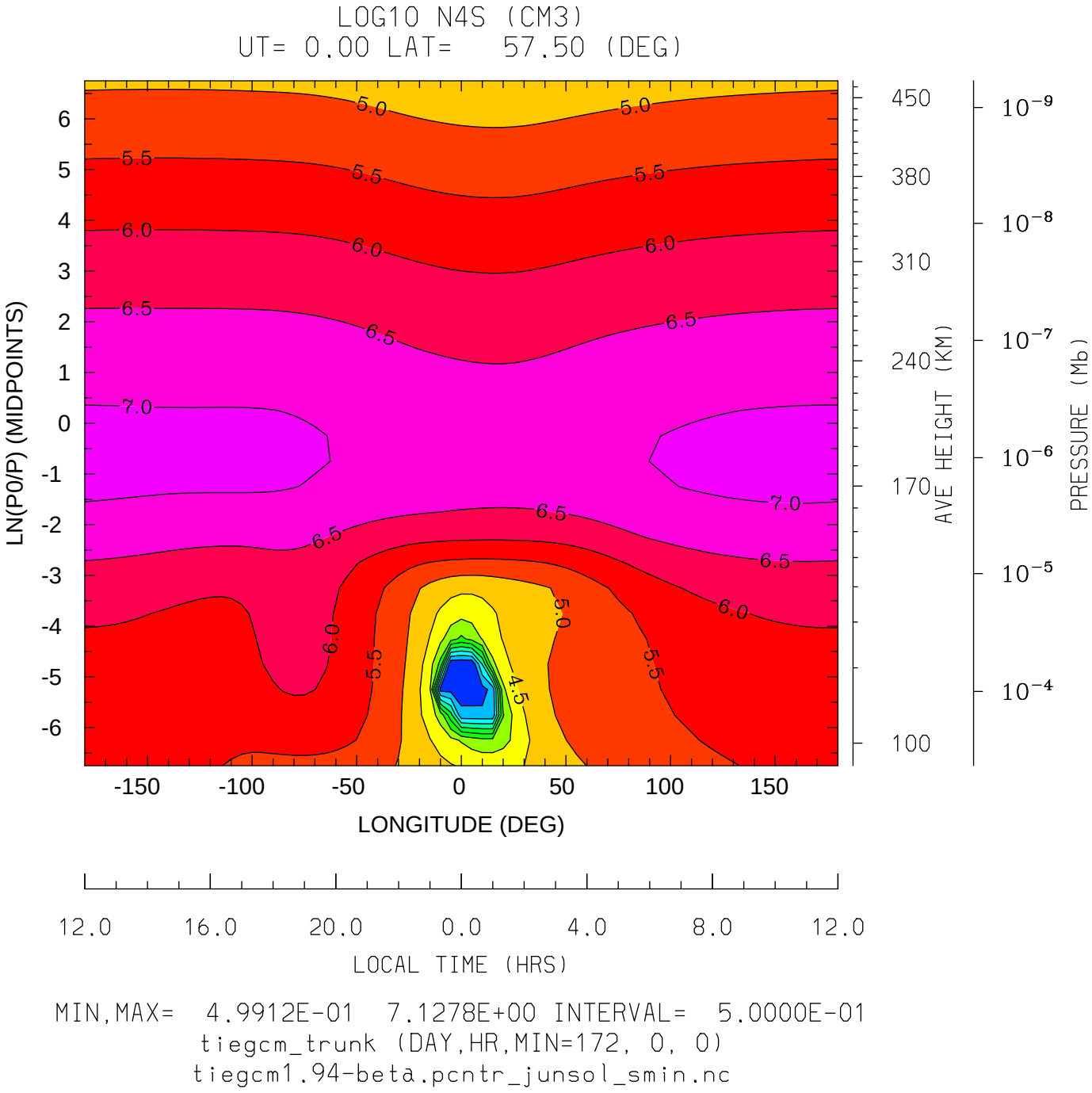
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

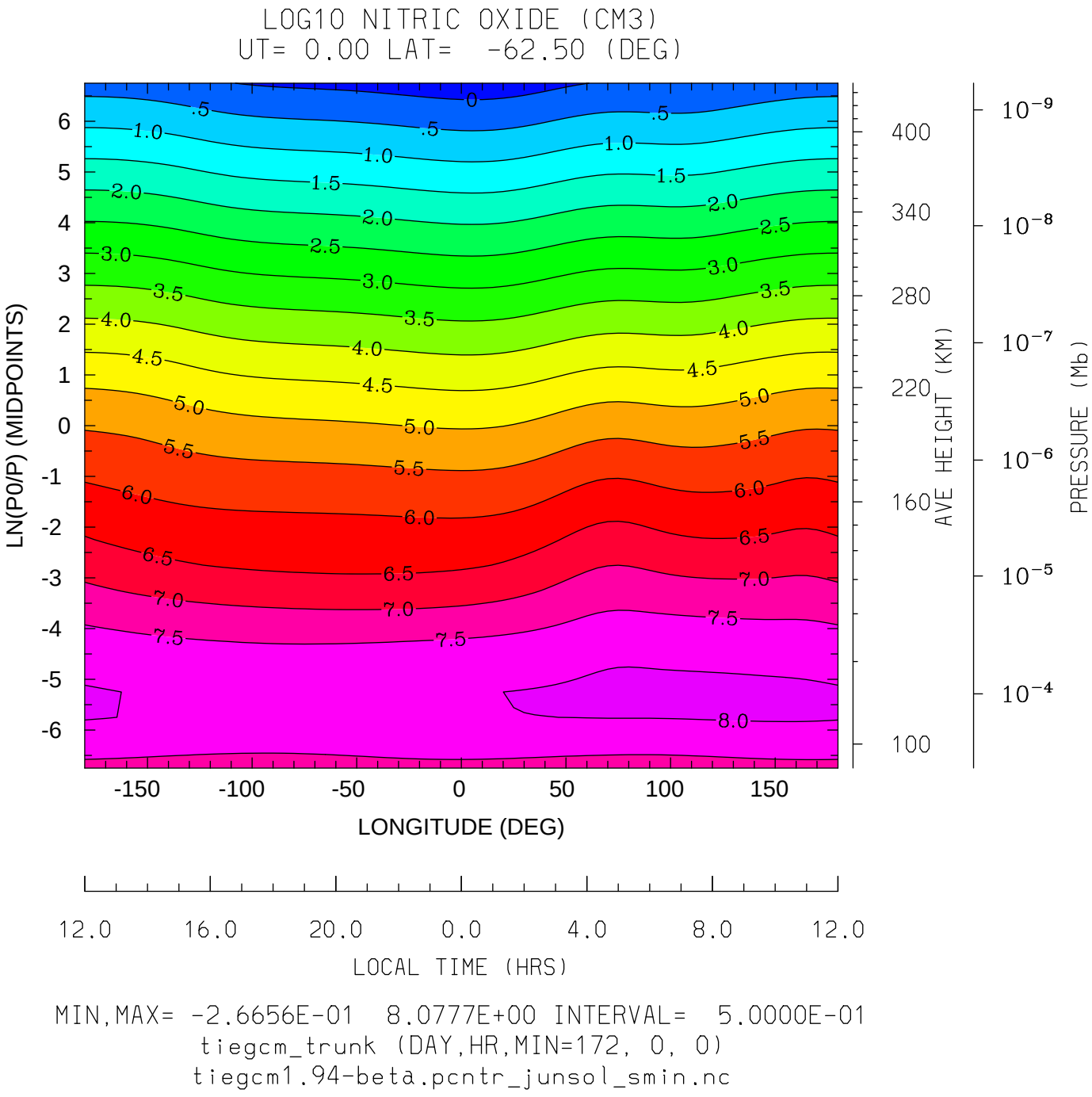
tiegcm1.94-beta.pcntr_junsol_smin.nc

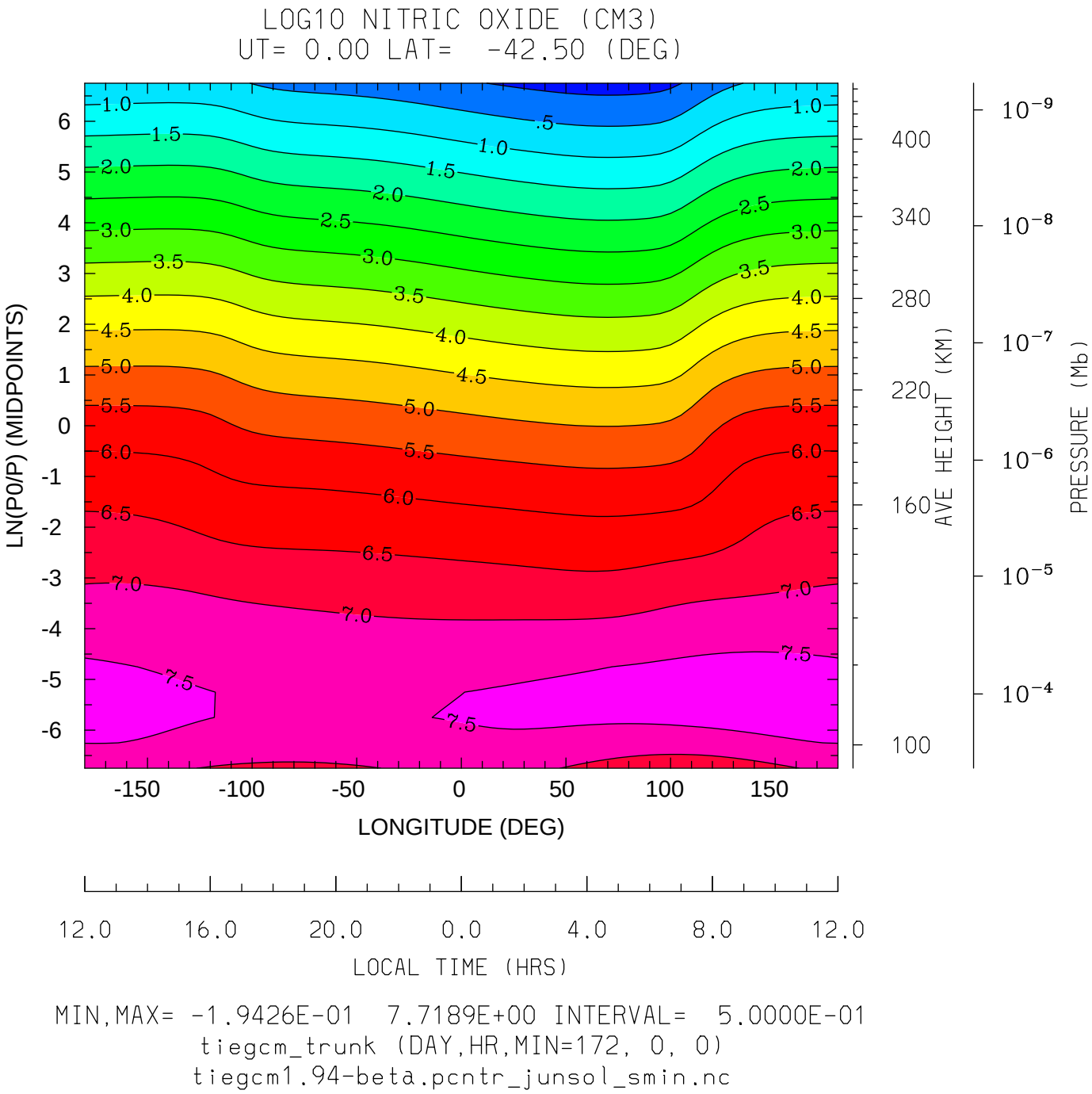

LOG10 N4S (CM3)
UT= 0.00 LAT= -42.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -9.7094E-02 7.3095E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

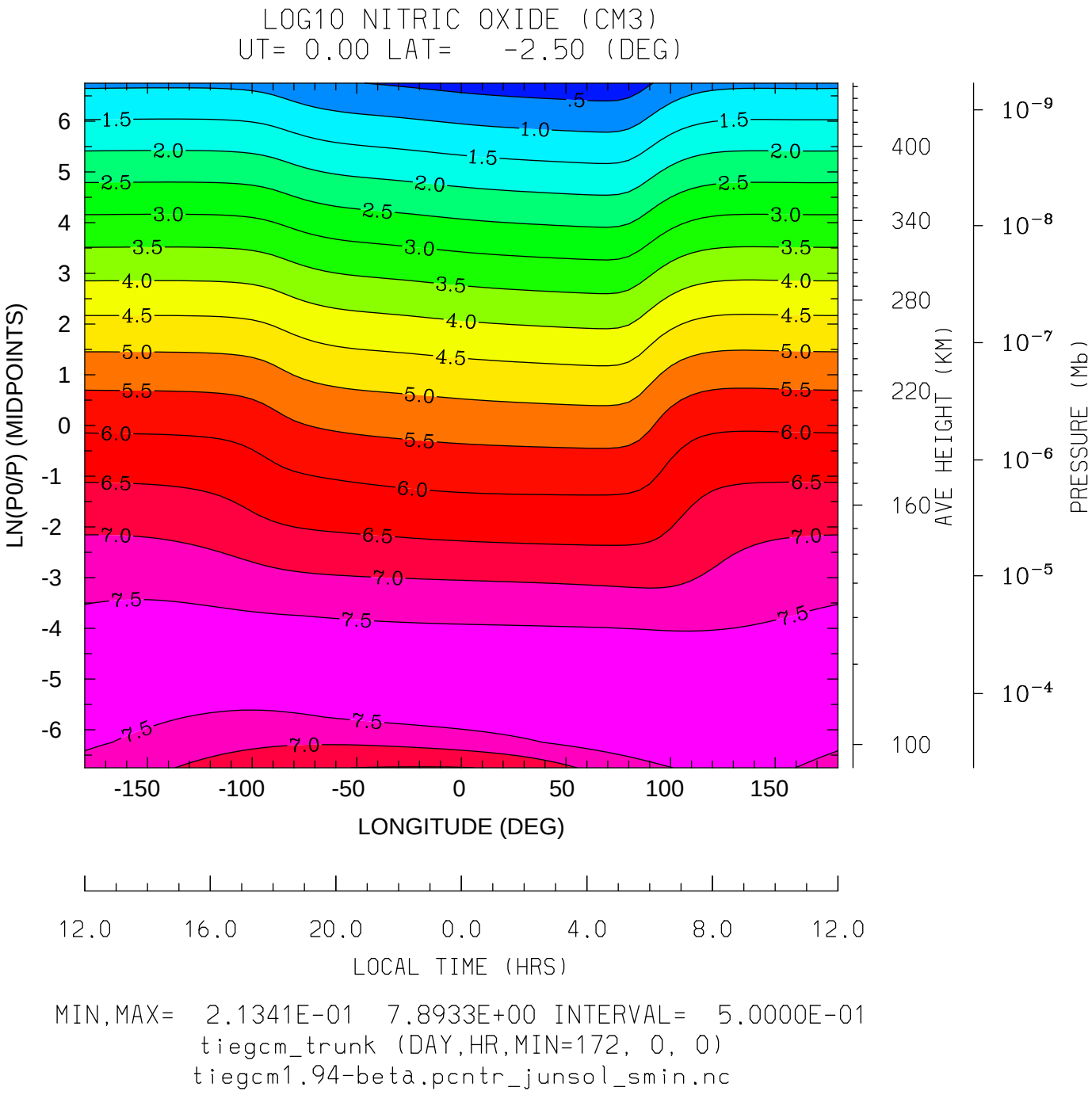

LOG10 N4S (CM3)
UT= 0.00 LAT= -2.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 2.6825E+00 7.3632E+00 INTERVAL= 2.5000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

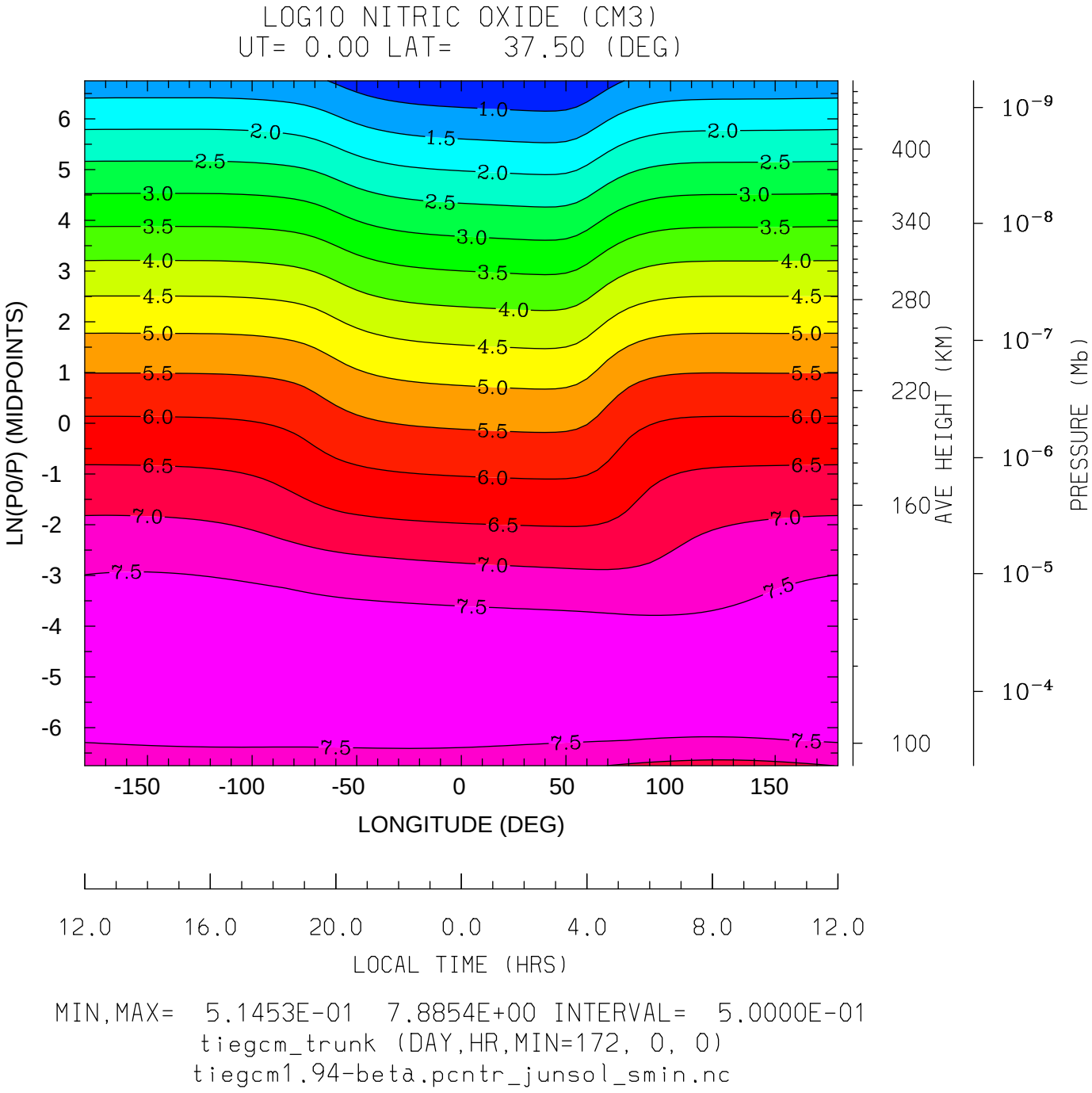

LOG10 N4S (CM3)
UT= 0.00 LAT= 37.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 1.6476E+00 7.2421E+00 INTERVAL= 4.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

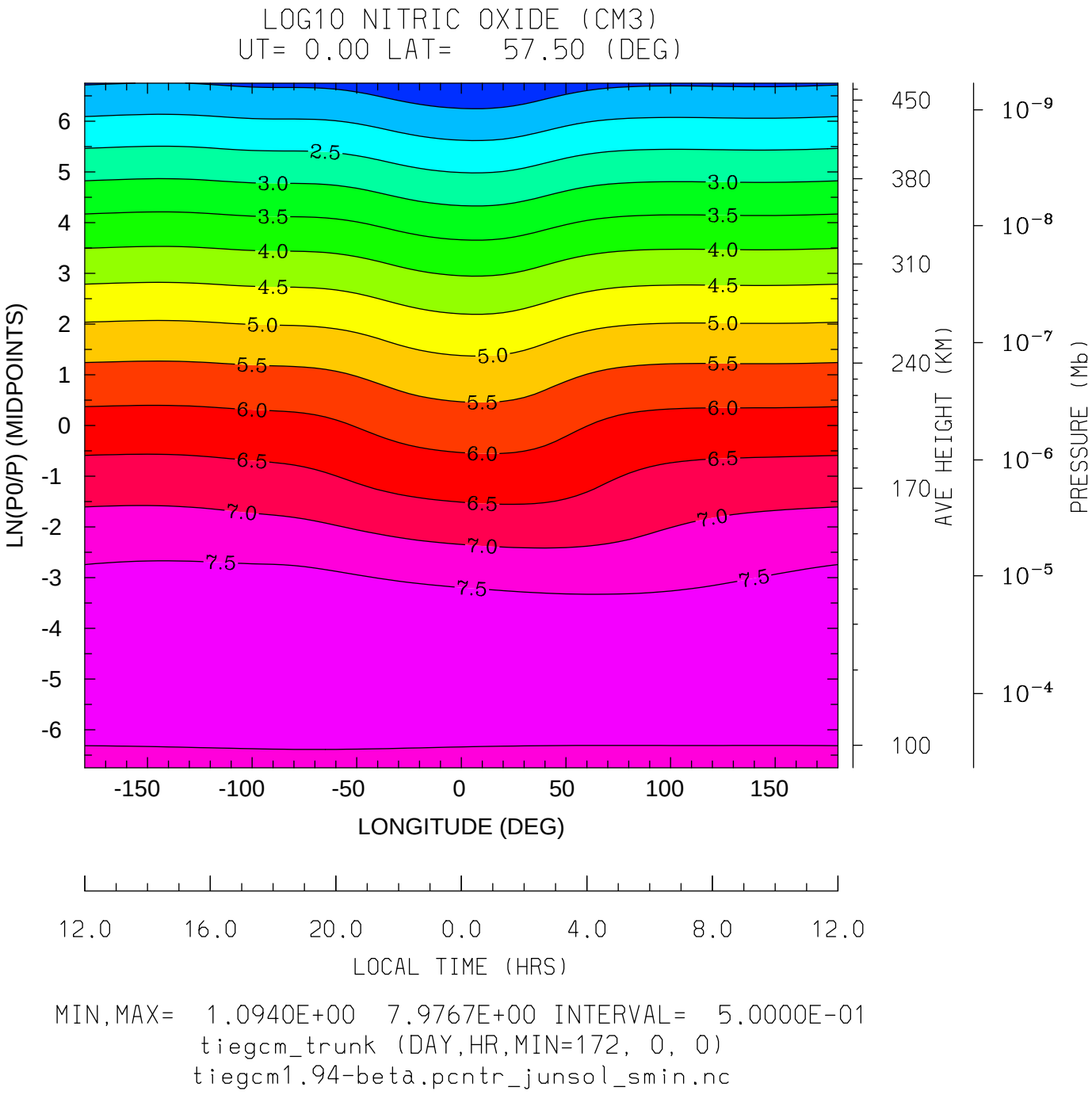

LOG10 N4S (CM3)
UT= 0.00 LAT= 57.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 4.9912E-01 7.1278E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


LOG10 NITRIC OXIDE (CM3)
UT= 0.00 LAT= -62.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -2.6656E-01 8.0777E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


LOG10 NITRIC OXIDE (CM3)
UT= 0.00 LAT= -42.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
LOCAL TIME (HRS)
MIN,MAX= -1.9426E-01 7.7189E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


LOG10 NITRIC OXIDE (CM3)
UT= 0.00 LAT= -2.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 2.1341E-01 7.8933E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

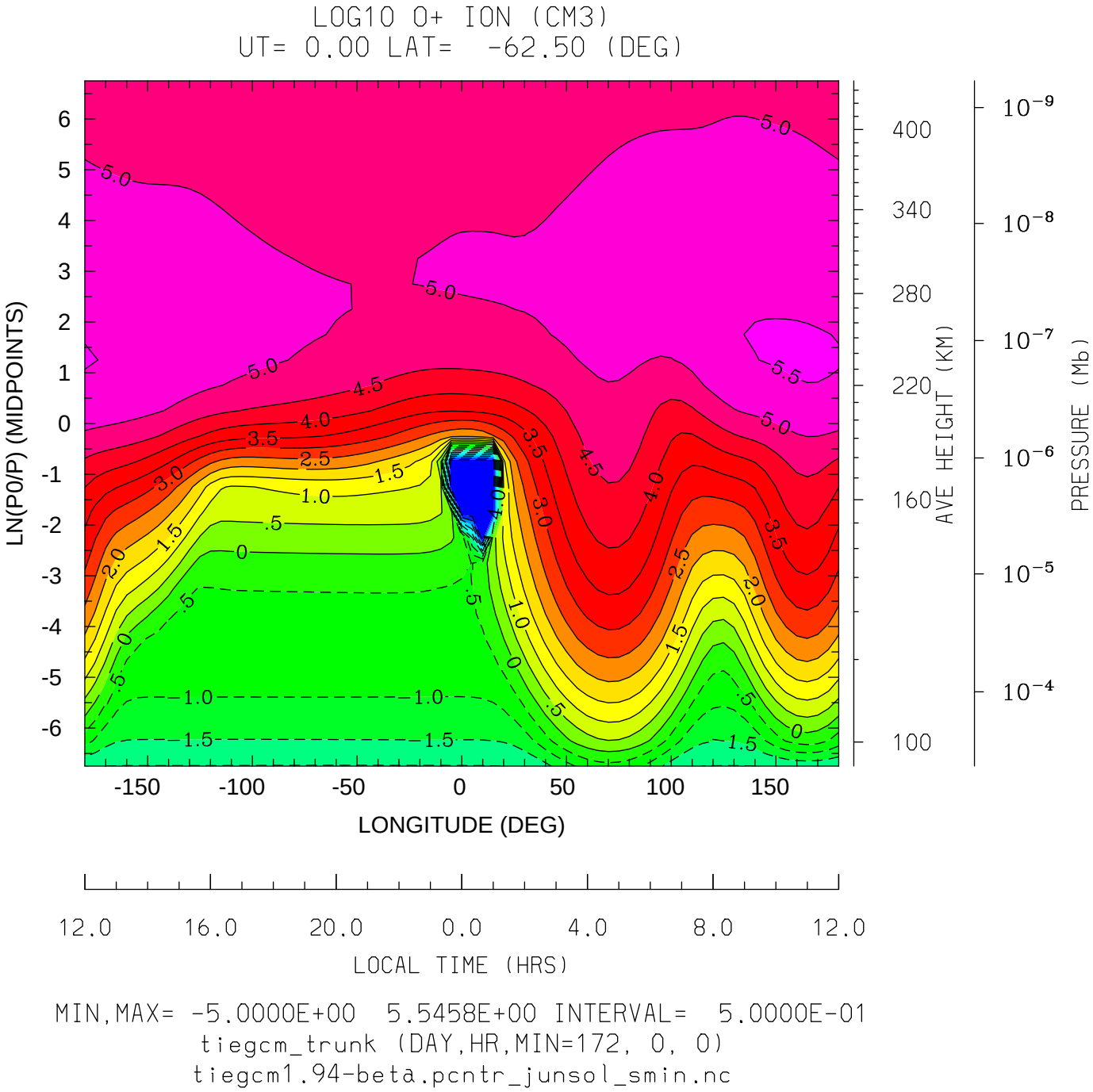

LOG10 NITRIC OXIDE (CM3)
UT= 0.00 LAT= 37.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 5.1453E-01 7.8854E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

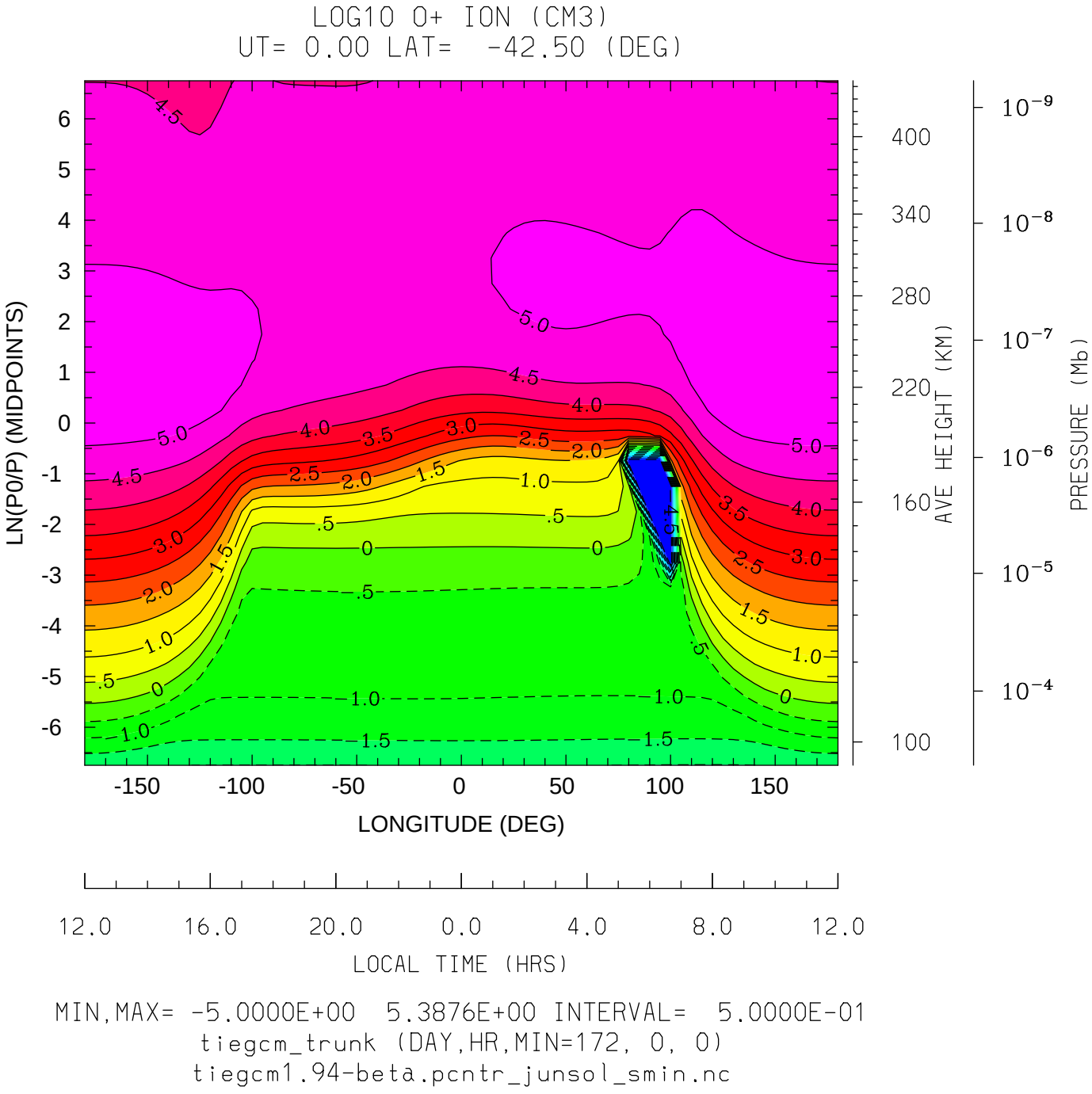


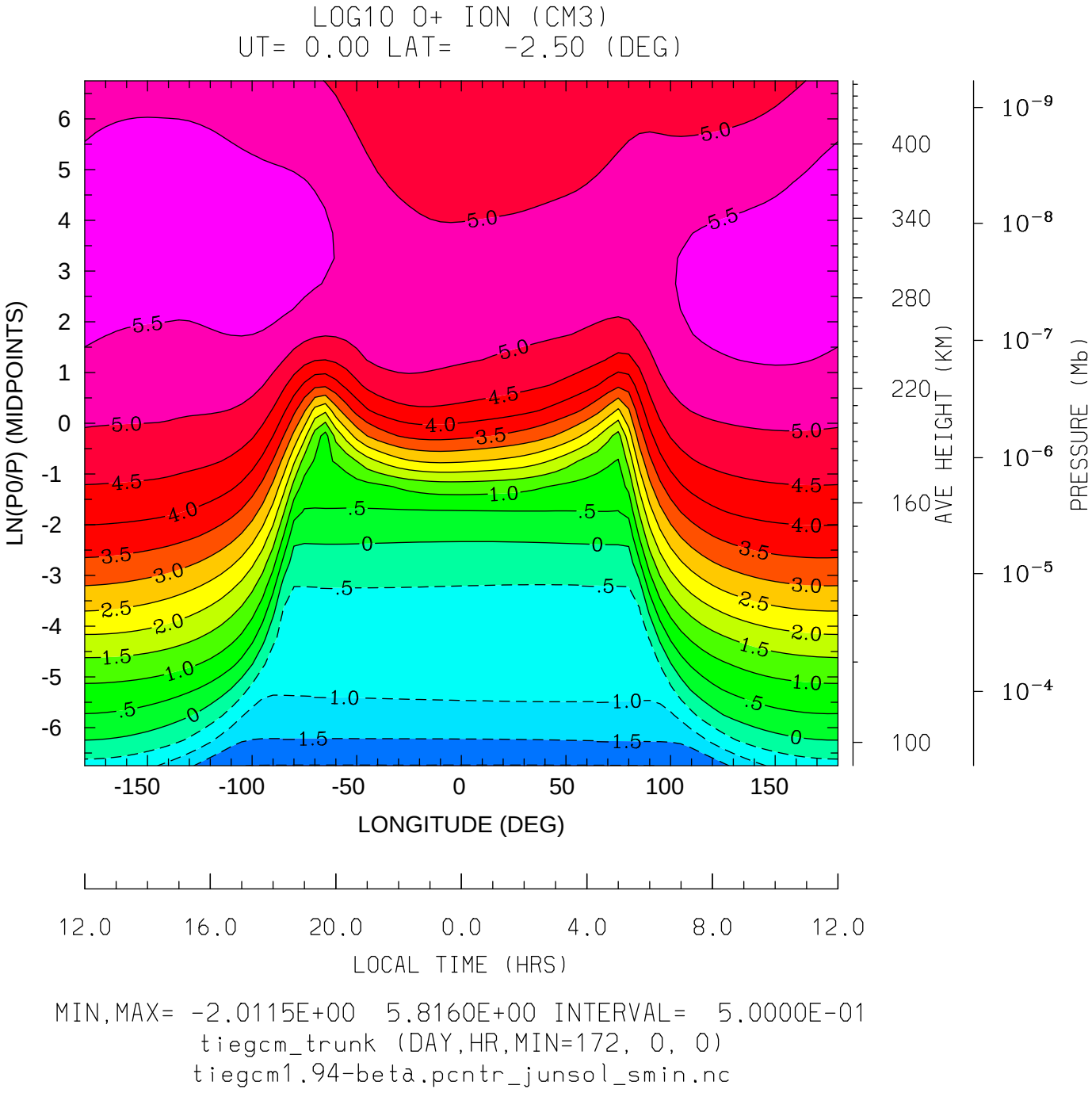
MIN,MAX= 1.0940E+00 7.9767E+00 INTERVAL= 5.0000E-01

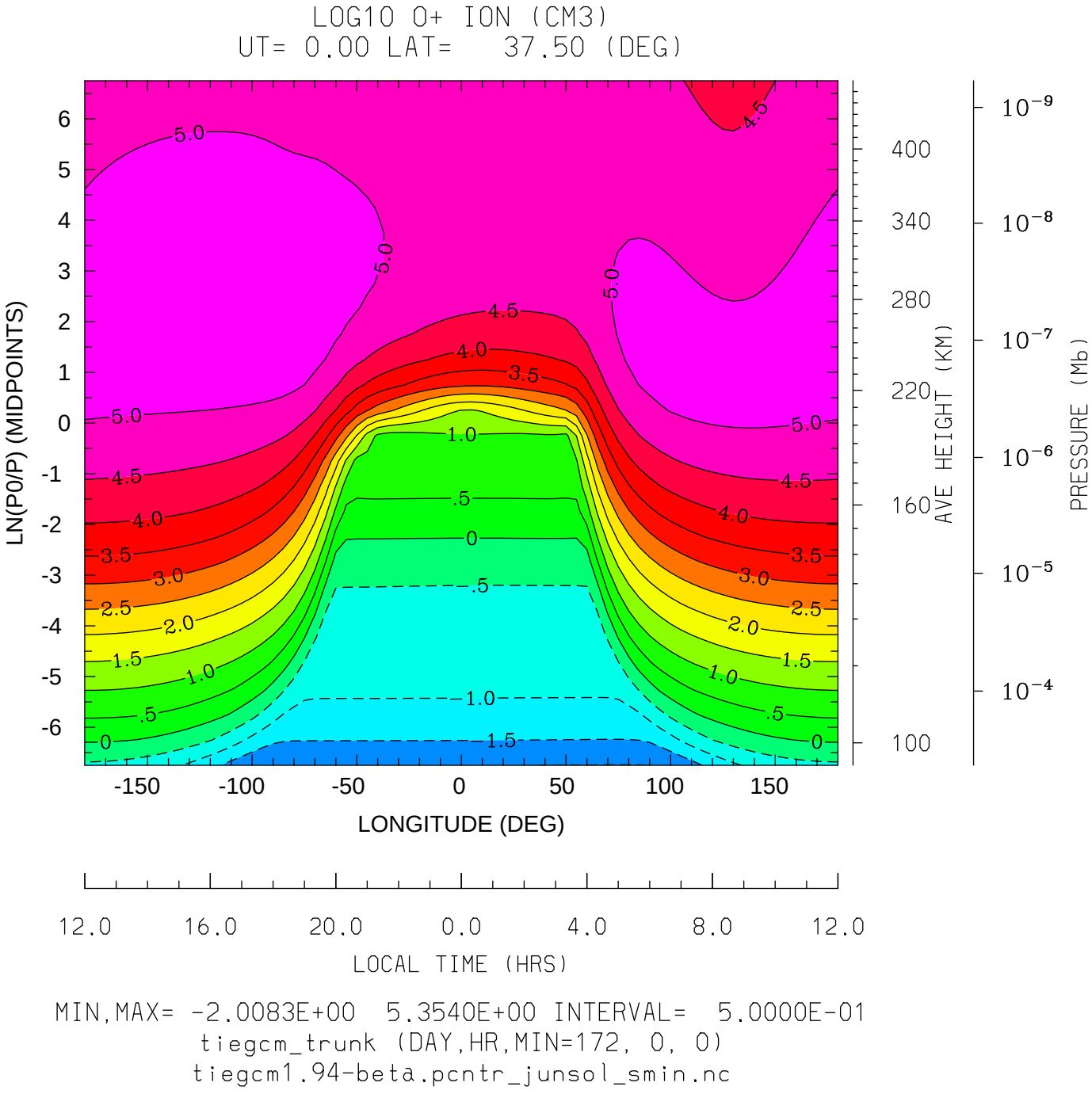
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

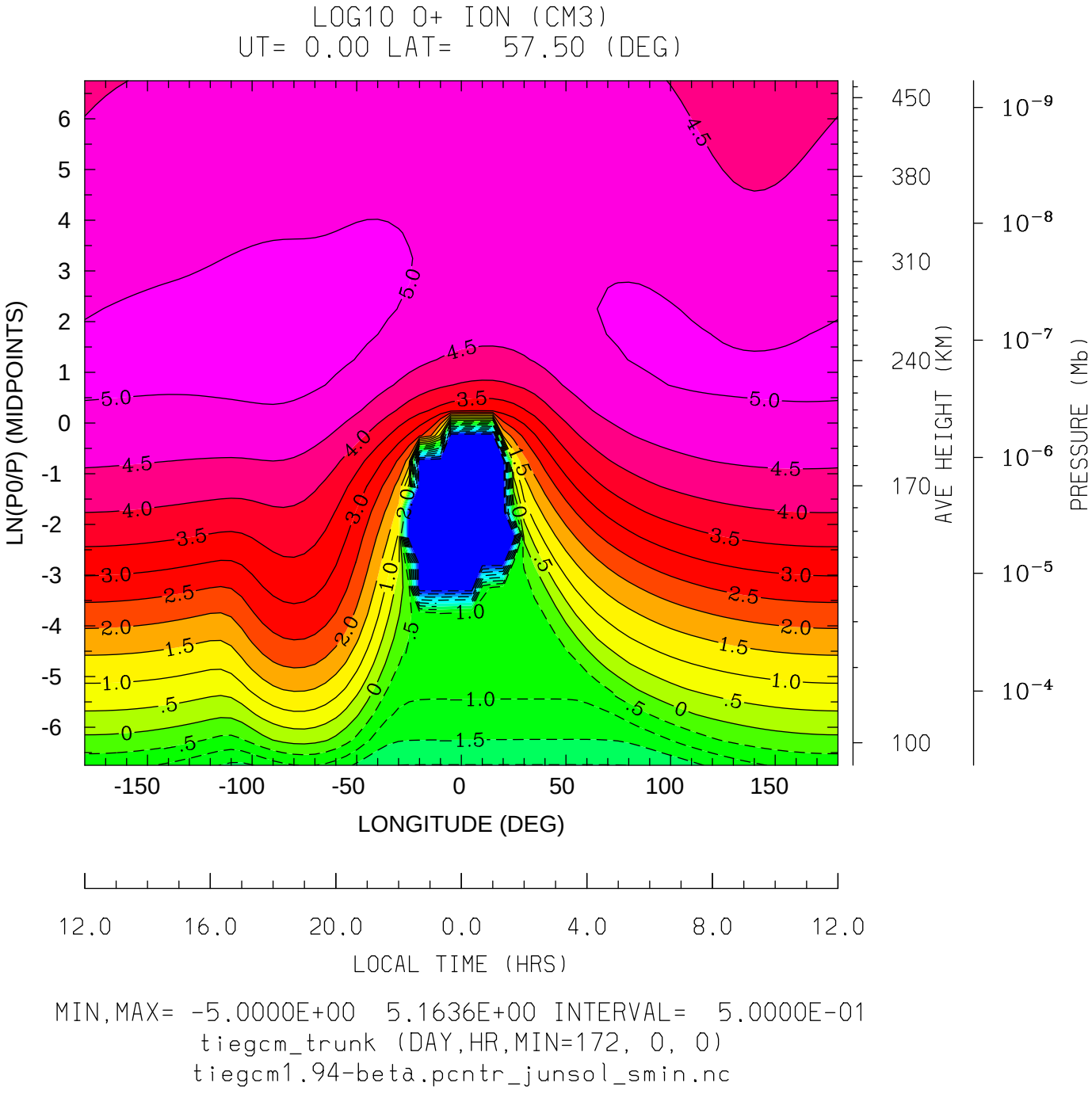
tiegcm1.94-beta.pcntr_junsol_smin.nc

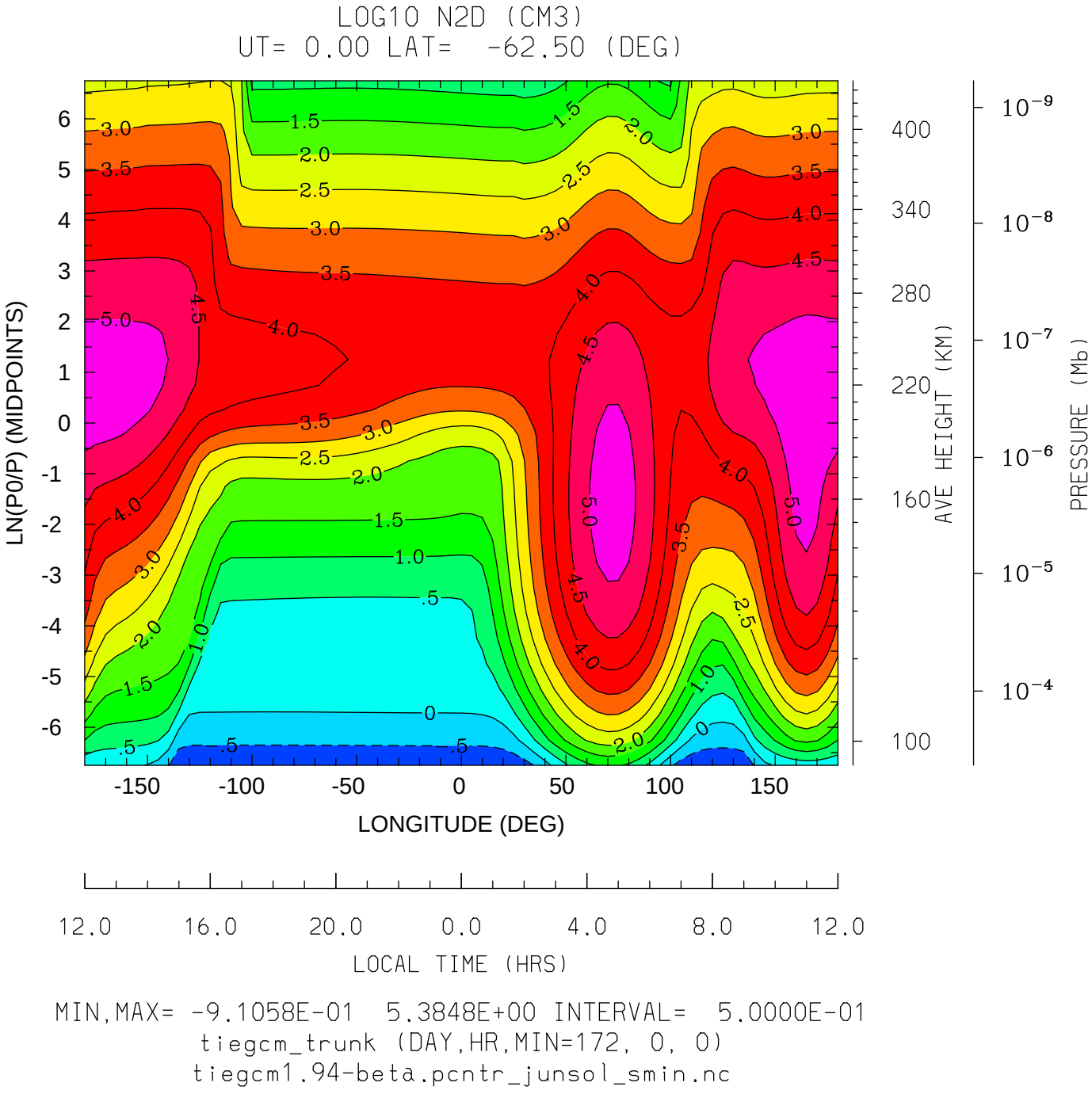

LOG10 O+ ION (CM3)
UT= 0.00 LAT= -62.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -5.0000E+00 5.5458E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

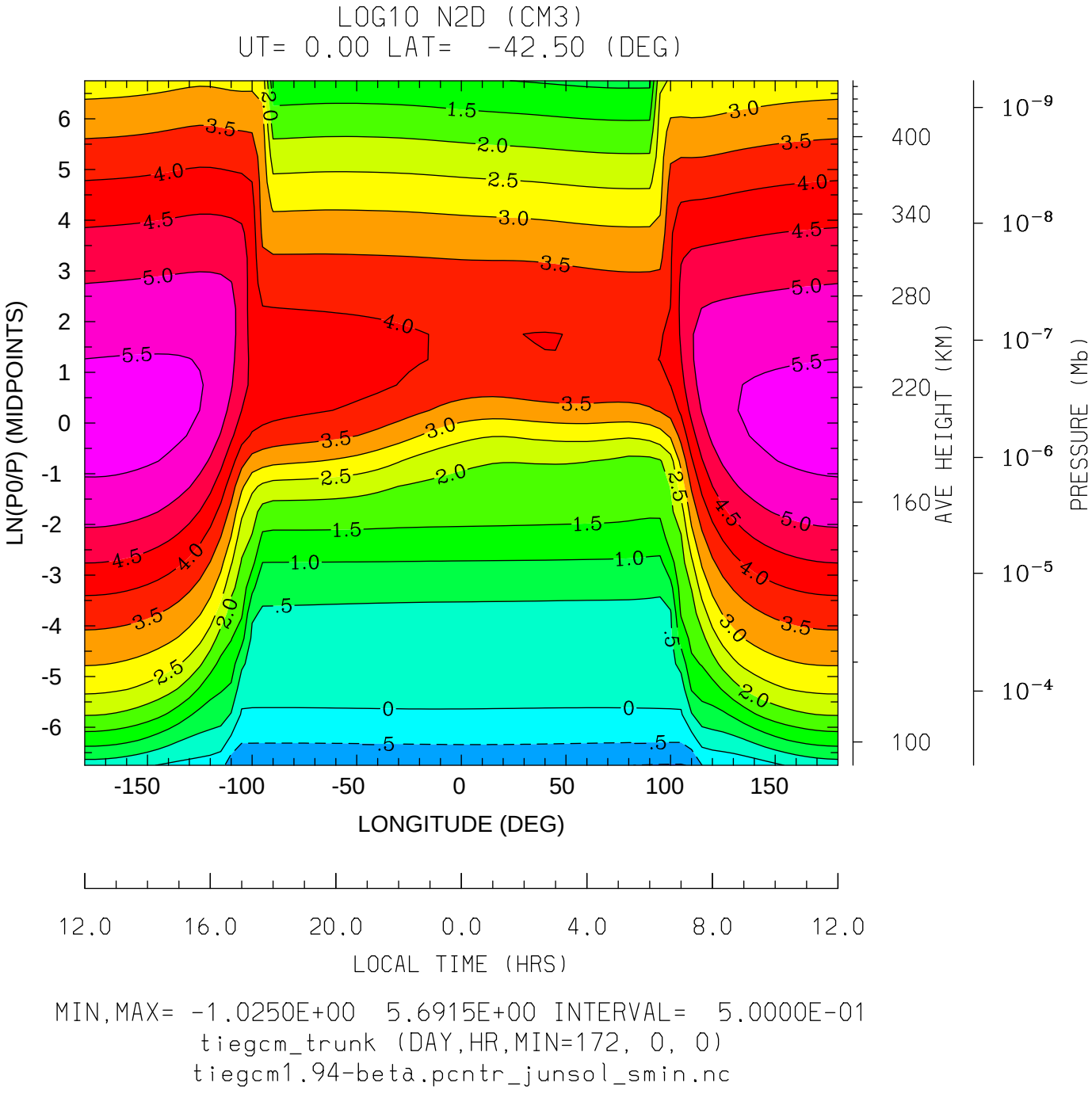

LOG10 O+ ION (CM3)
UT= 0.00 LAT= -42.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -5.0000E+00 5.3876E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

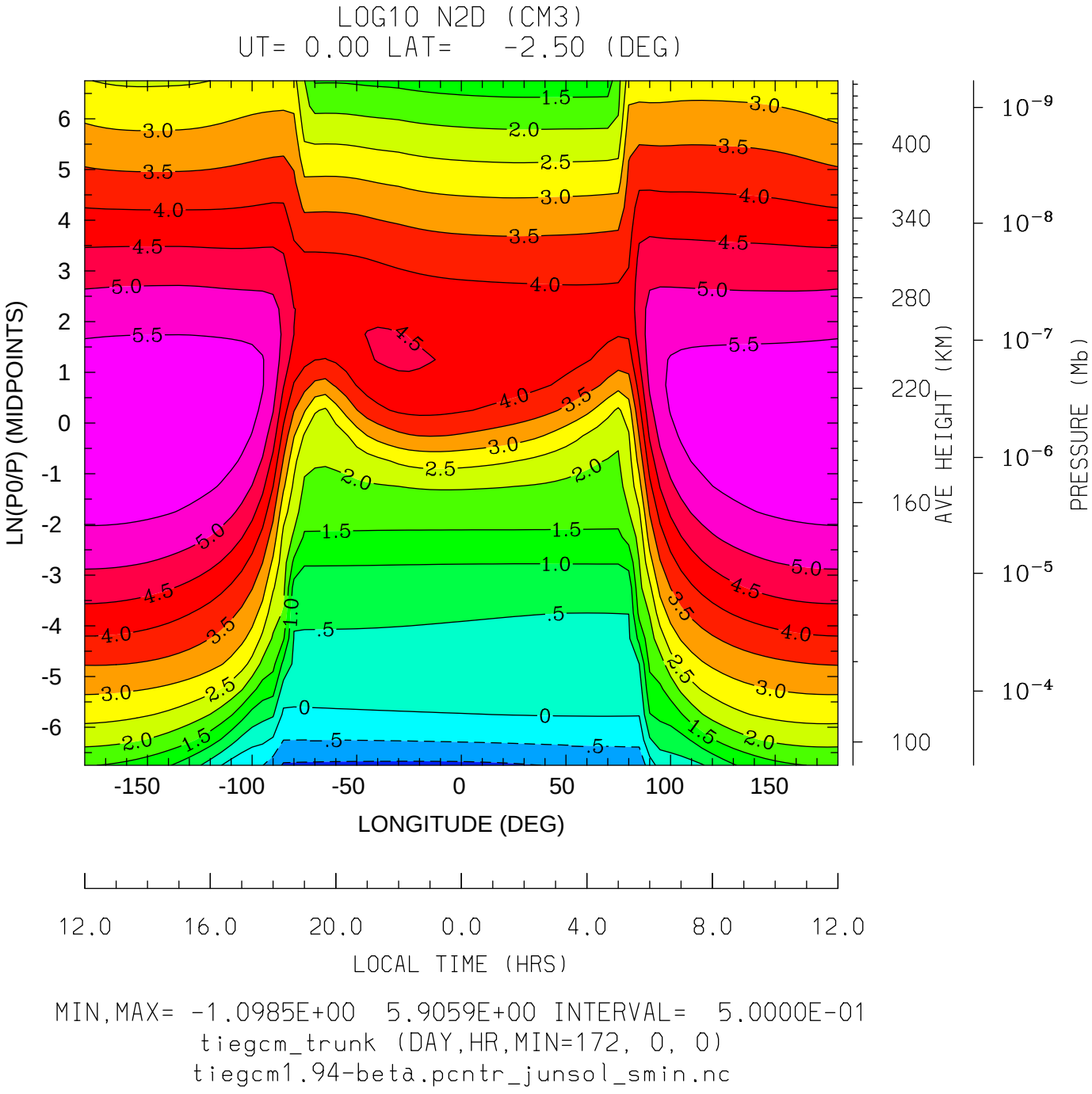

LOG10 O+ ION (CM3)
UT= 0.00 LAT= -2.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -2.0115E+00 5.8160E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

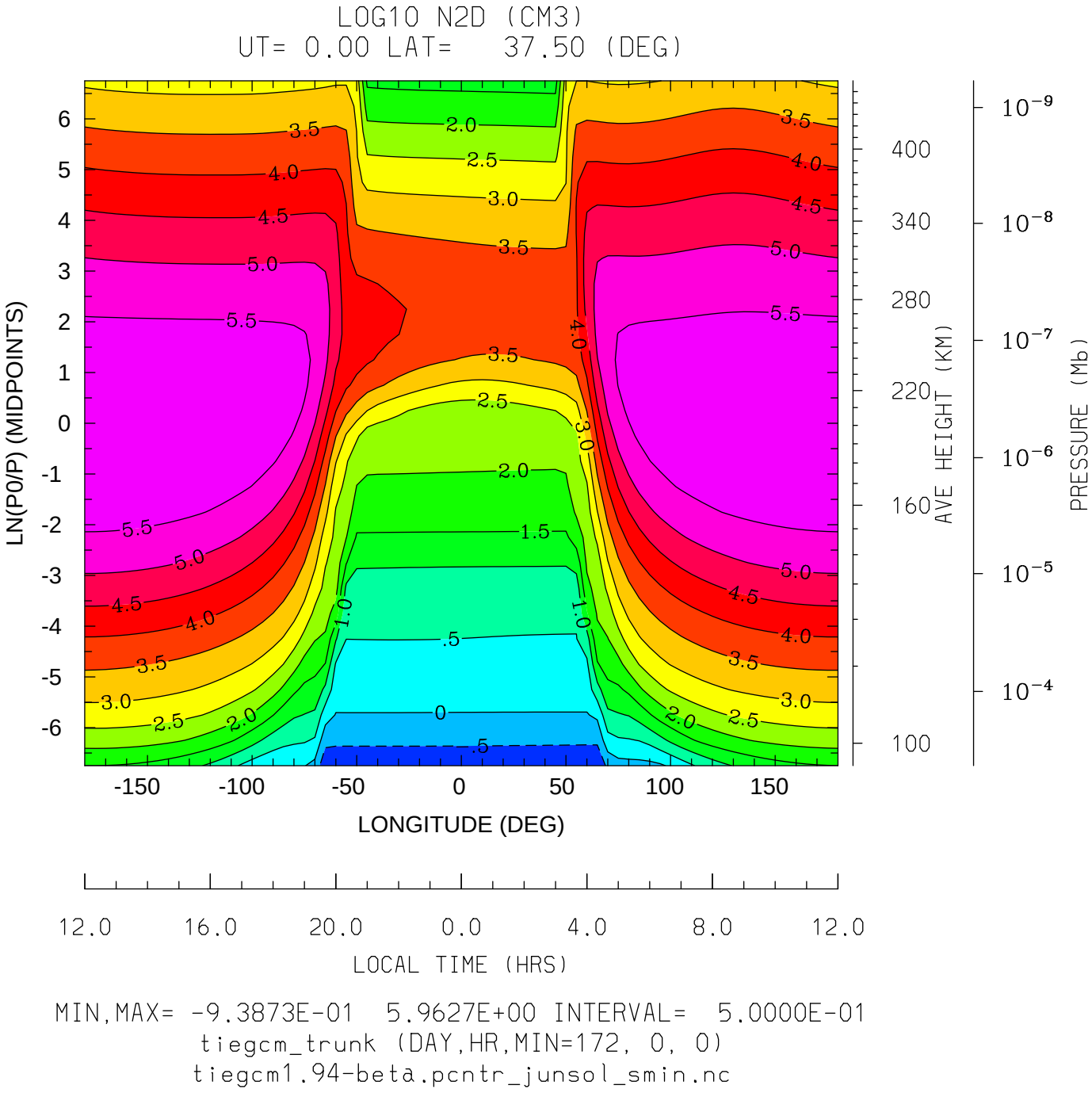

LOG10 O+ ION (CM3)
UT= 0.00 LAT= 37.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -2.0083E+00 5.3540E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

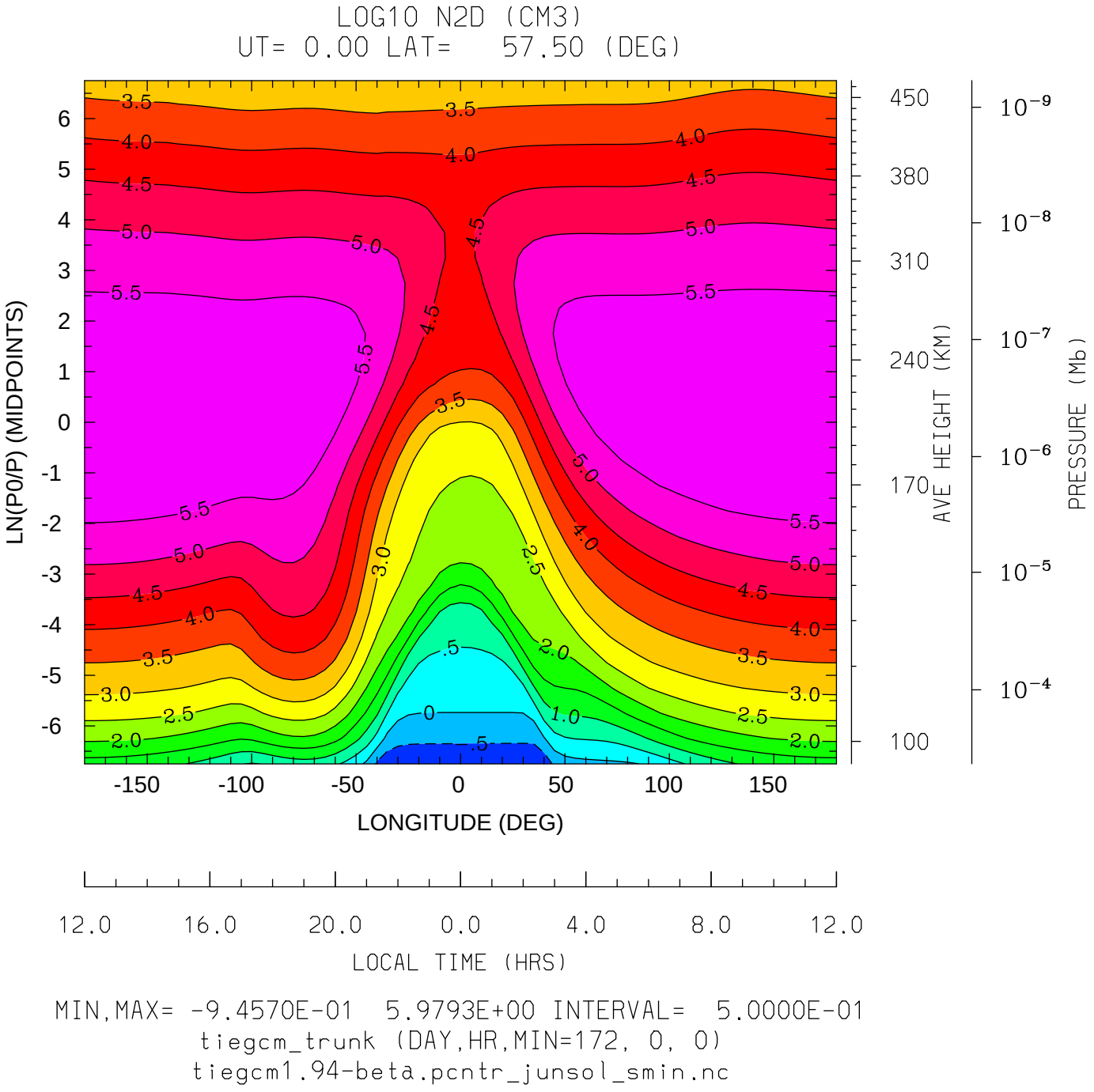

LOG10 O+ ION (CM3)
UT= 0.00 LAT= 57.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -5.0000E+00 5.1636E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

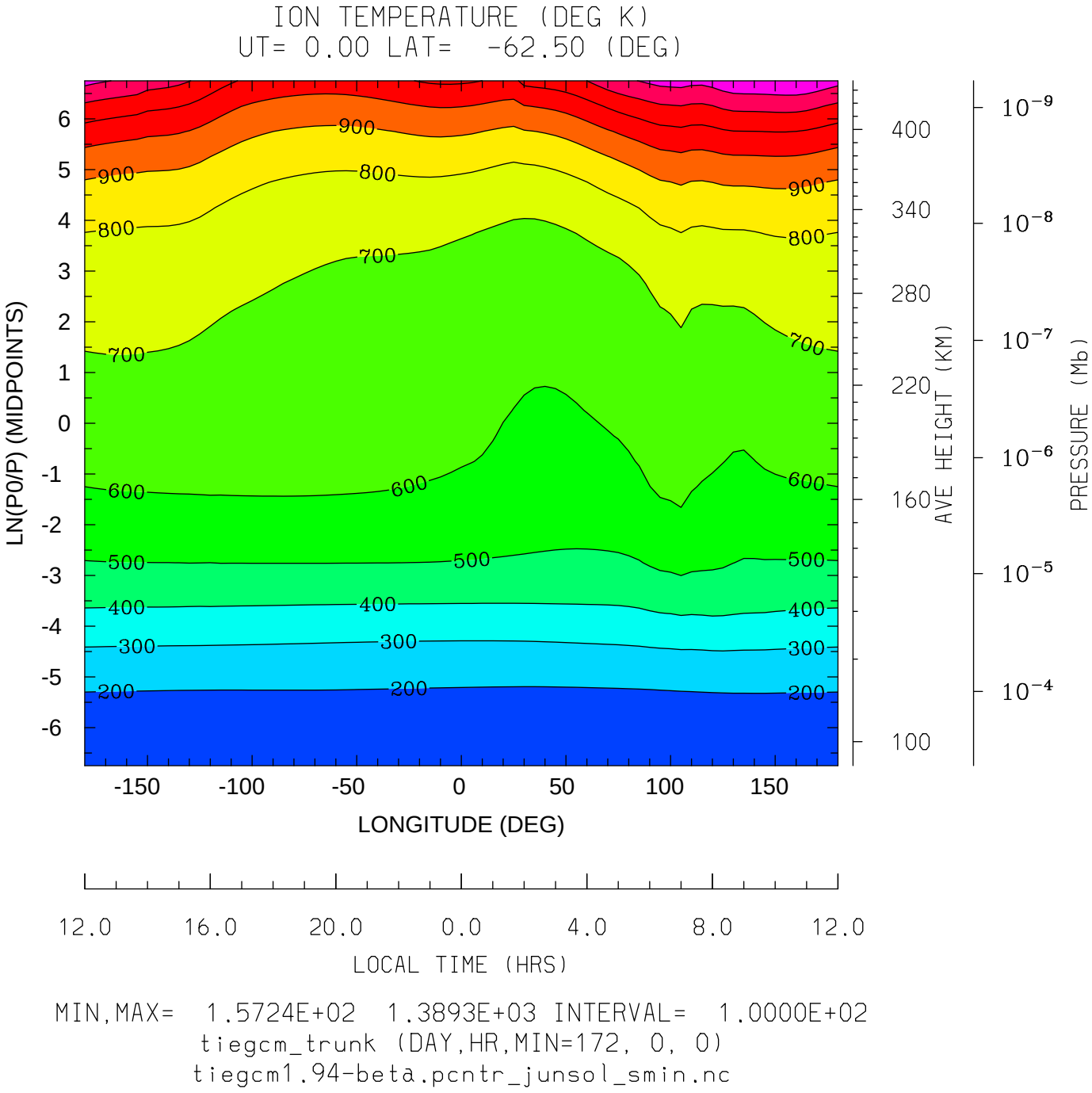

LOG10 N2D (CM3)
UT= 0.00 LAT= -62.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -9.1058E-01 5.3848E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


LOG10 N2D (CM3)
UT= 0.00 LAT= -42.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.0250E+00 5.6915E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


LOG10 N2D (CM3)
UT= 0.00 LAT= -2.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.0985E+00 5.9059E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


LOG10 N2D (CM3)
UT= 0.00 LAT= 37.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -9.3873E-01 5.9627E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

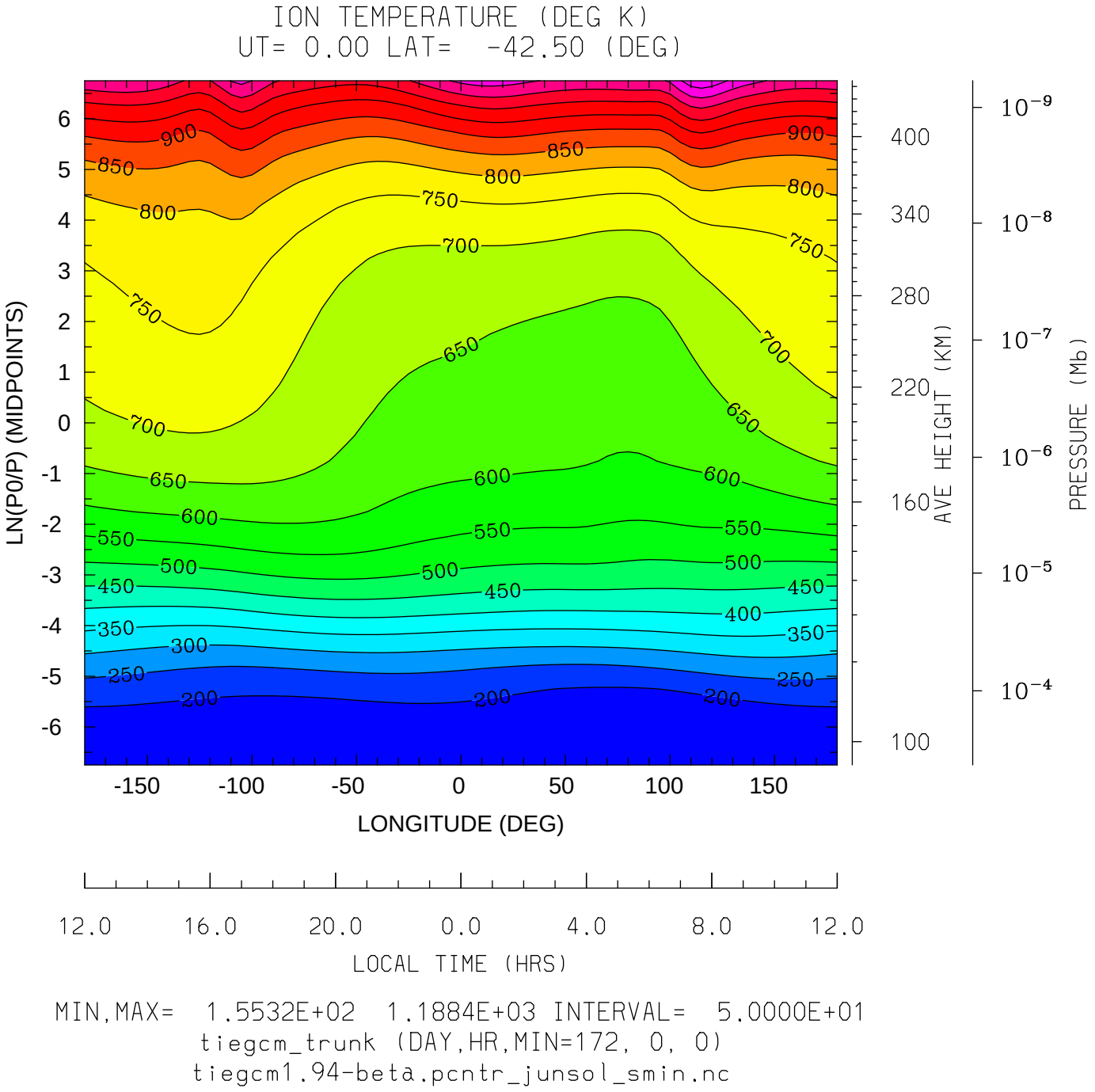

LOG10 N2D (CM3)
UT= 0.00 LAT= 57.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -9.4570E-01 5.9793E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.5724E+02 1.3893E+03 INTERVAL= 1.0000E+02

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

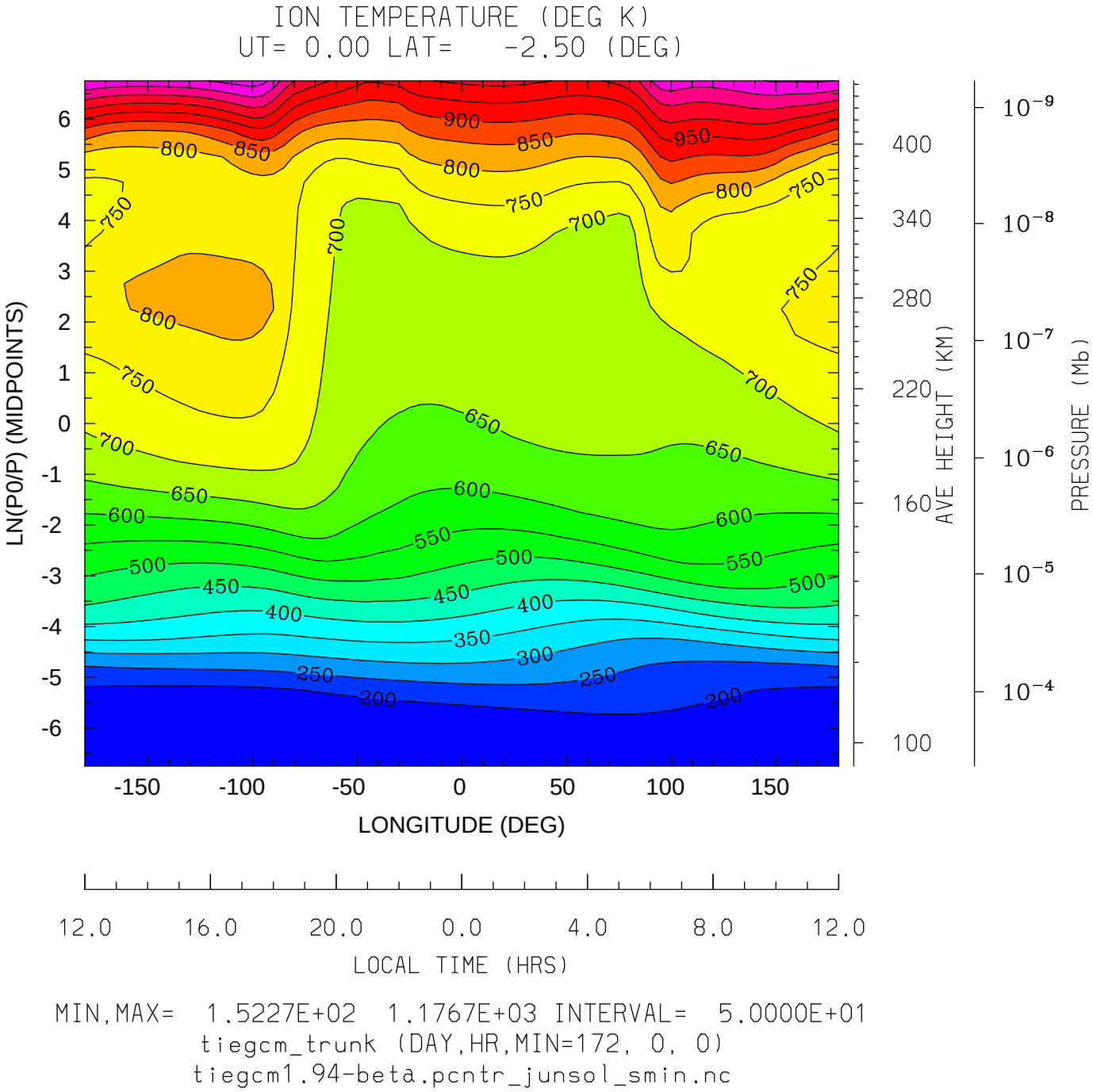
tiegcm1.94-beta.pcntr_junsol_smin.nc

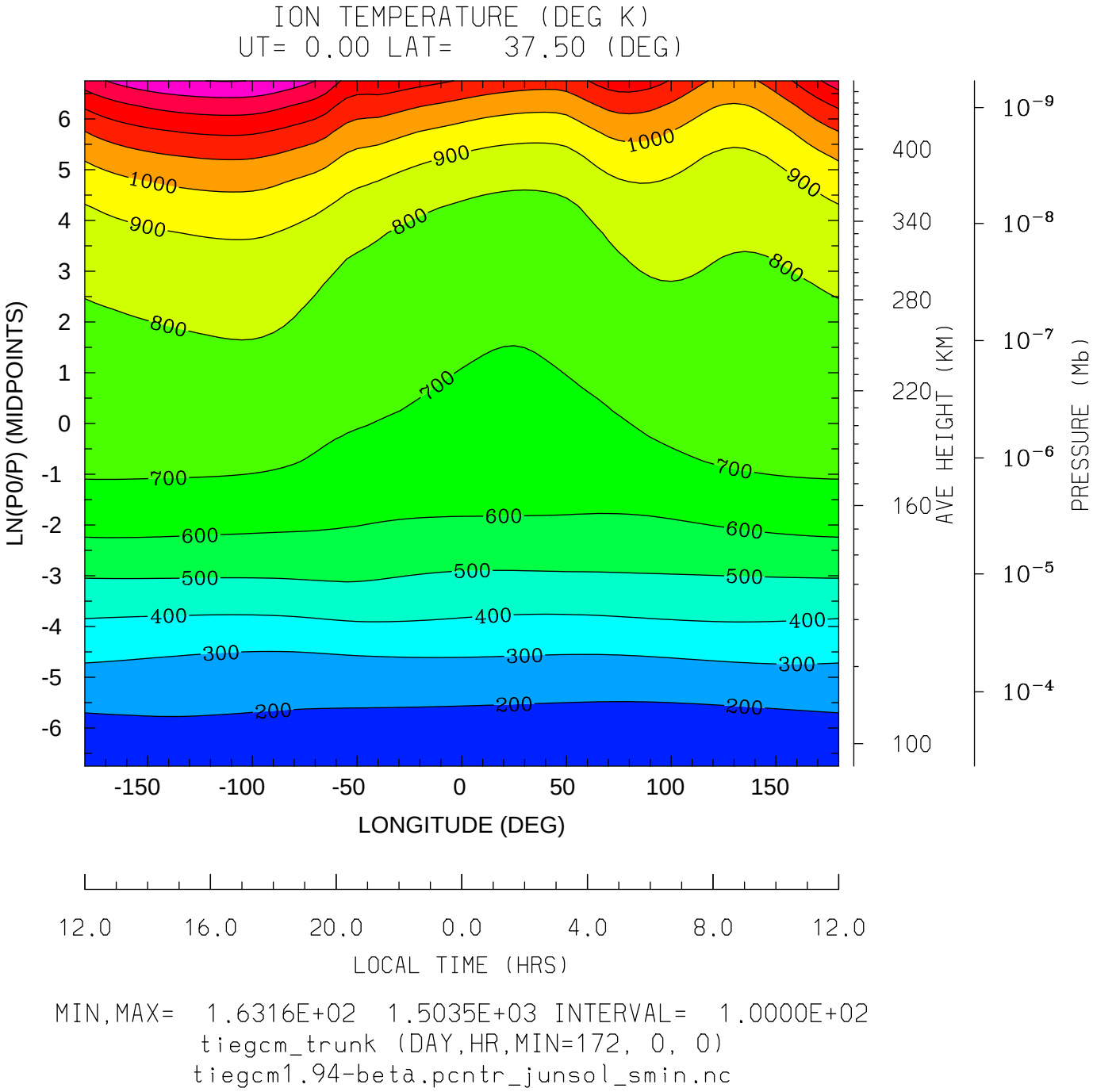


MIN,MAX= 1.5532E+02 1.1884E+03 INTERVAL= 5.0000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc

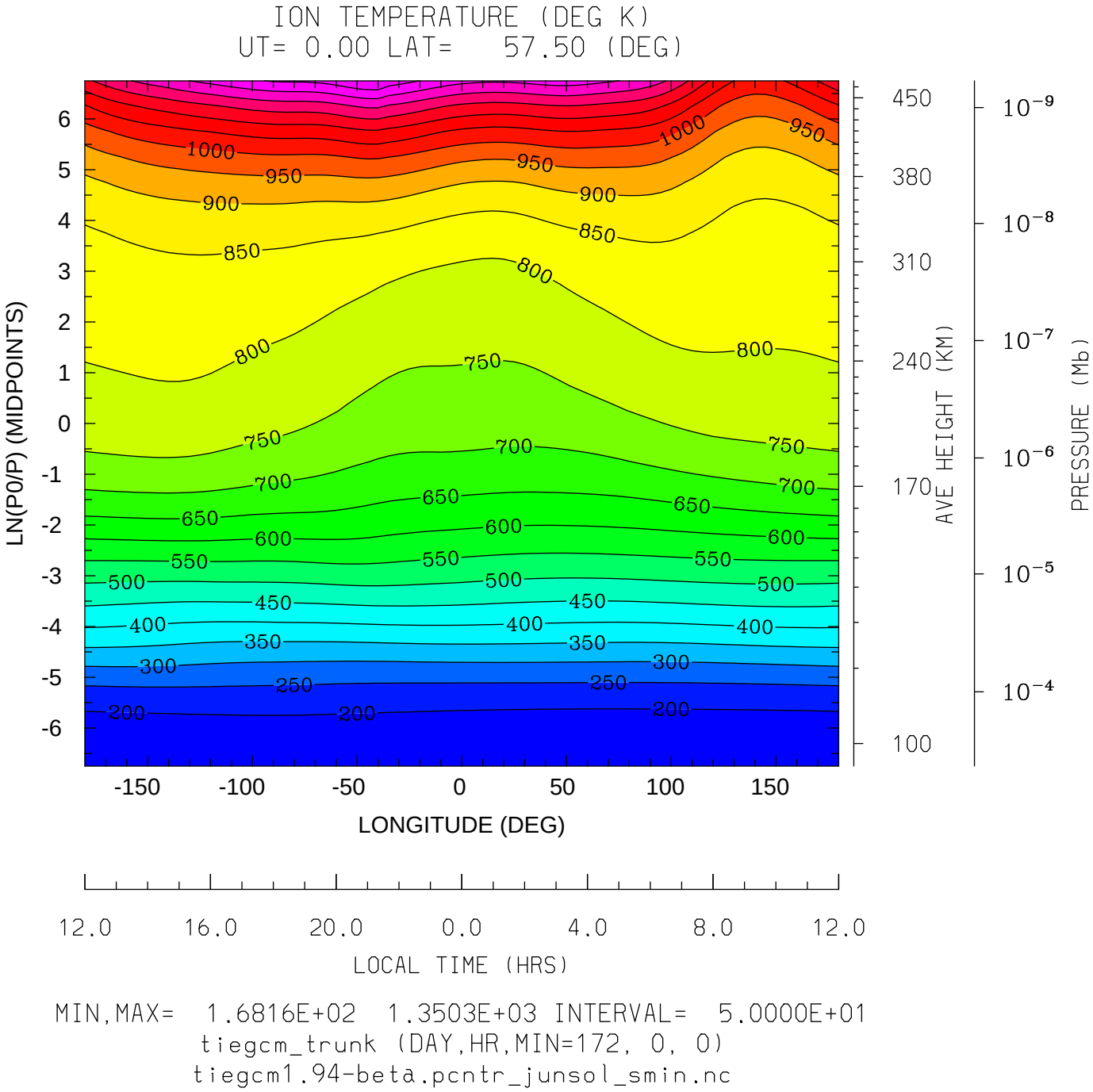

ION TEMPERATURE (DEG K)
UT= 0.00 LAT= -2.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 1.5227E+02 1.1767E+03 INTERVAL= 5.0000E+01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.6316E+02 1.5035E+03 INTERVAL= 1.0000E+02

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

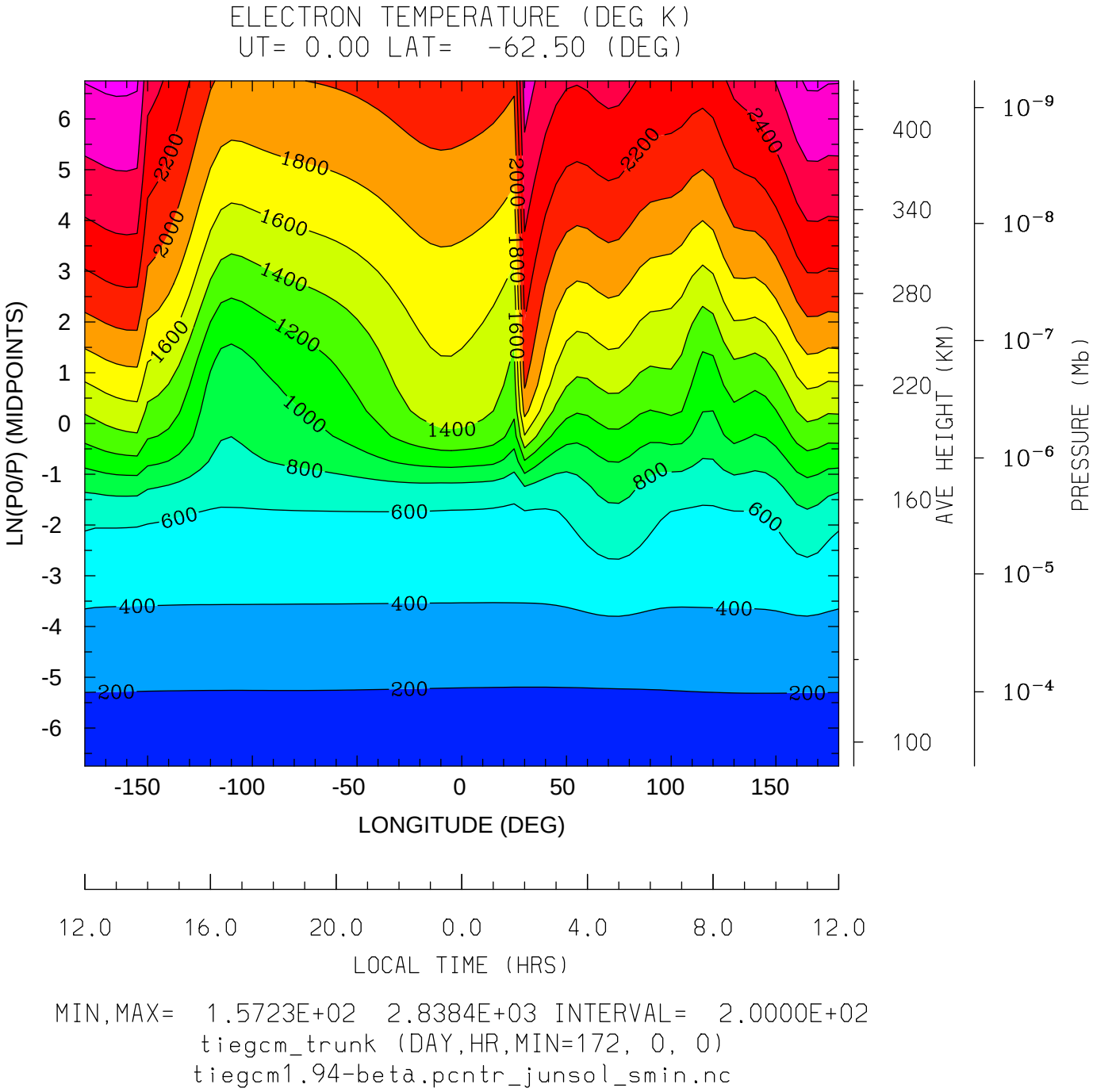
tiegcm1.94-beta.pcntr_junsol_smin.nc

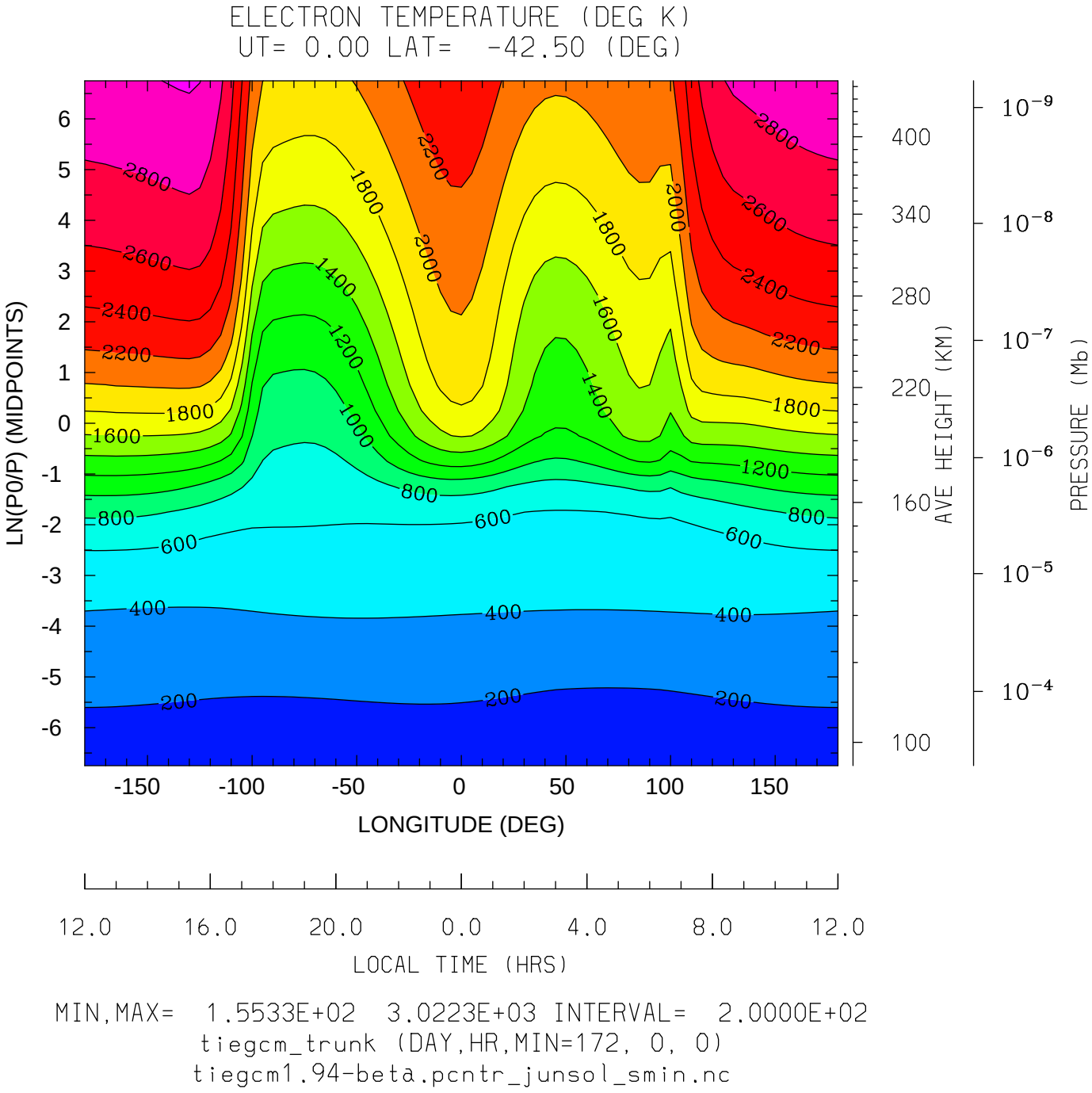


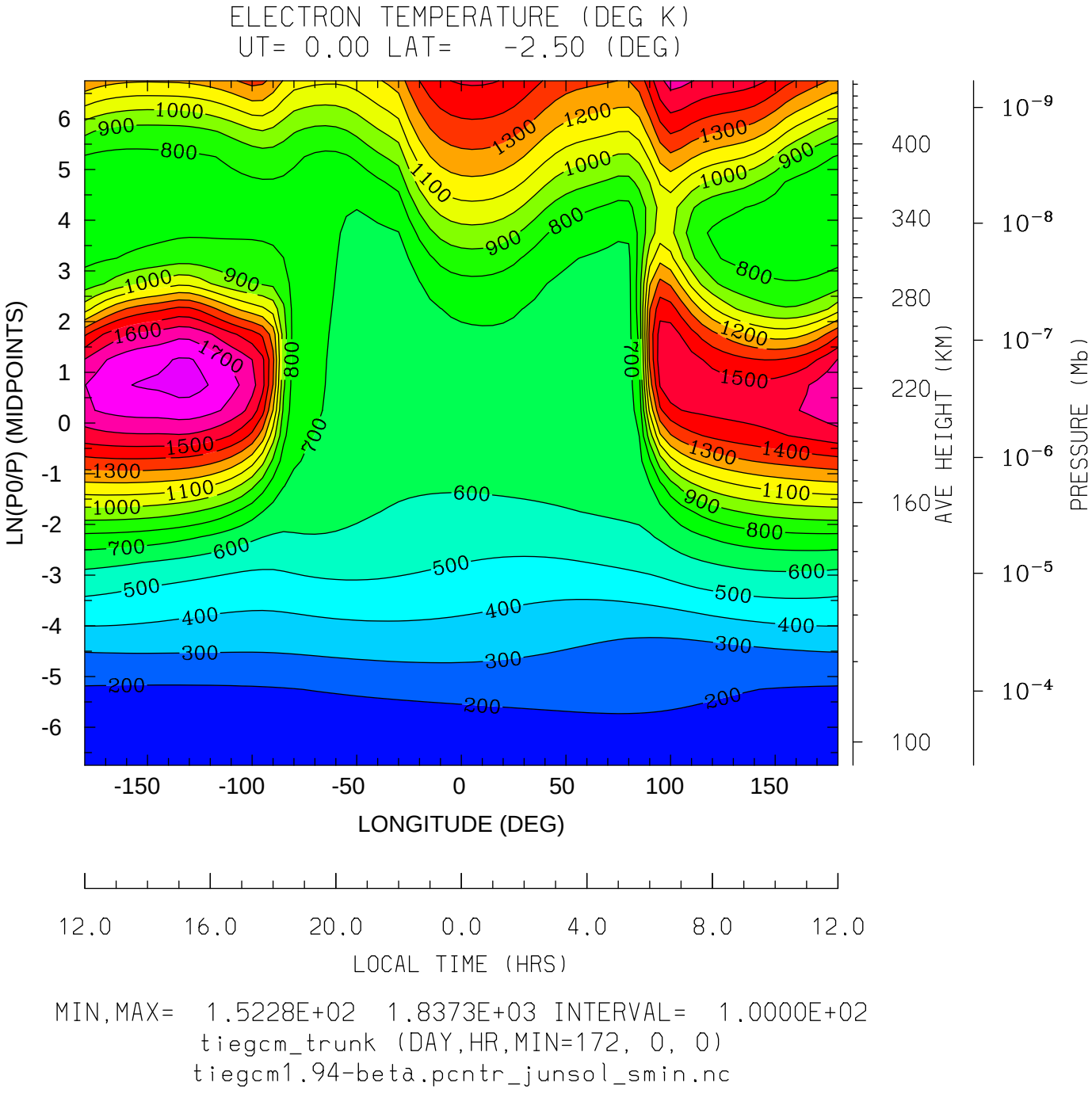
MIN,MAX= 1.6816E+02 1.3503E+03 INTERVAL= 5.0000E+01

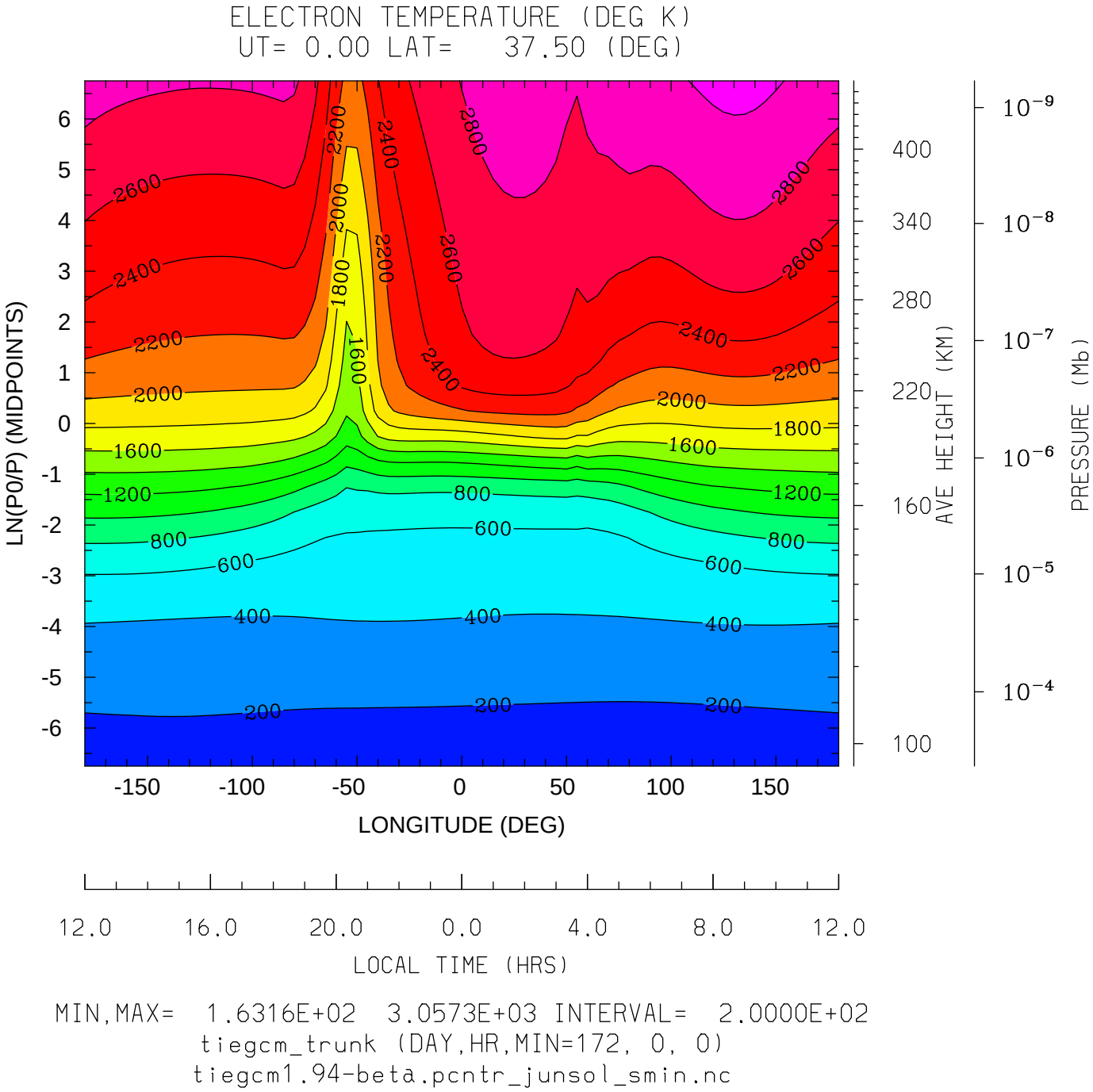
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

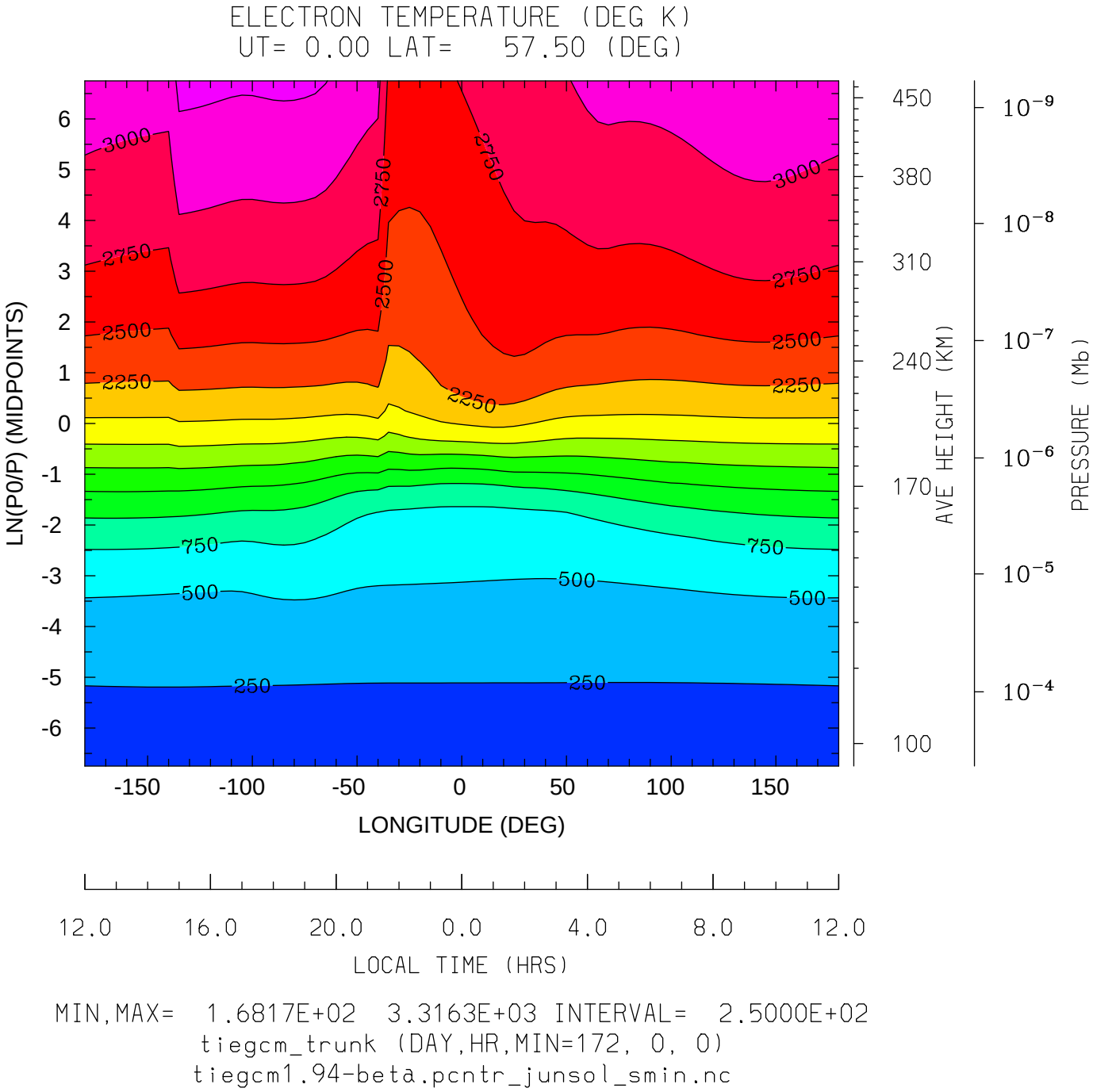
tiegcm1.94-beta.pcntr_junsol_smin.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 LAT= -62.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 1.5723E+02 2.8384E+03 INTERVAL= 2.0000E+02
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 LAT= -42.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 1.5533E+02 3.0223E+03 INTERVAL= 2.0000E+02
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 LAT= -2.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 1.5228E+02 1.8373E+03 INTERVAL= 1.0000E+02
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

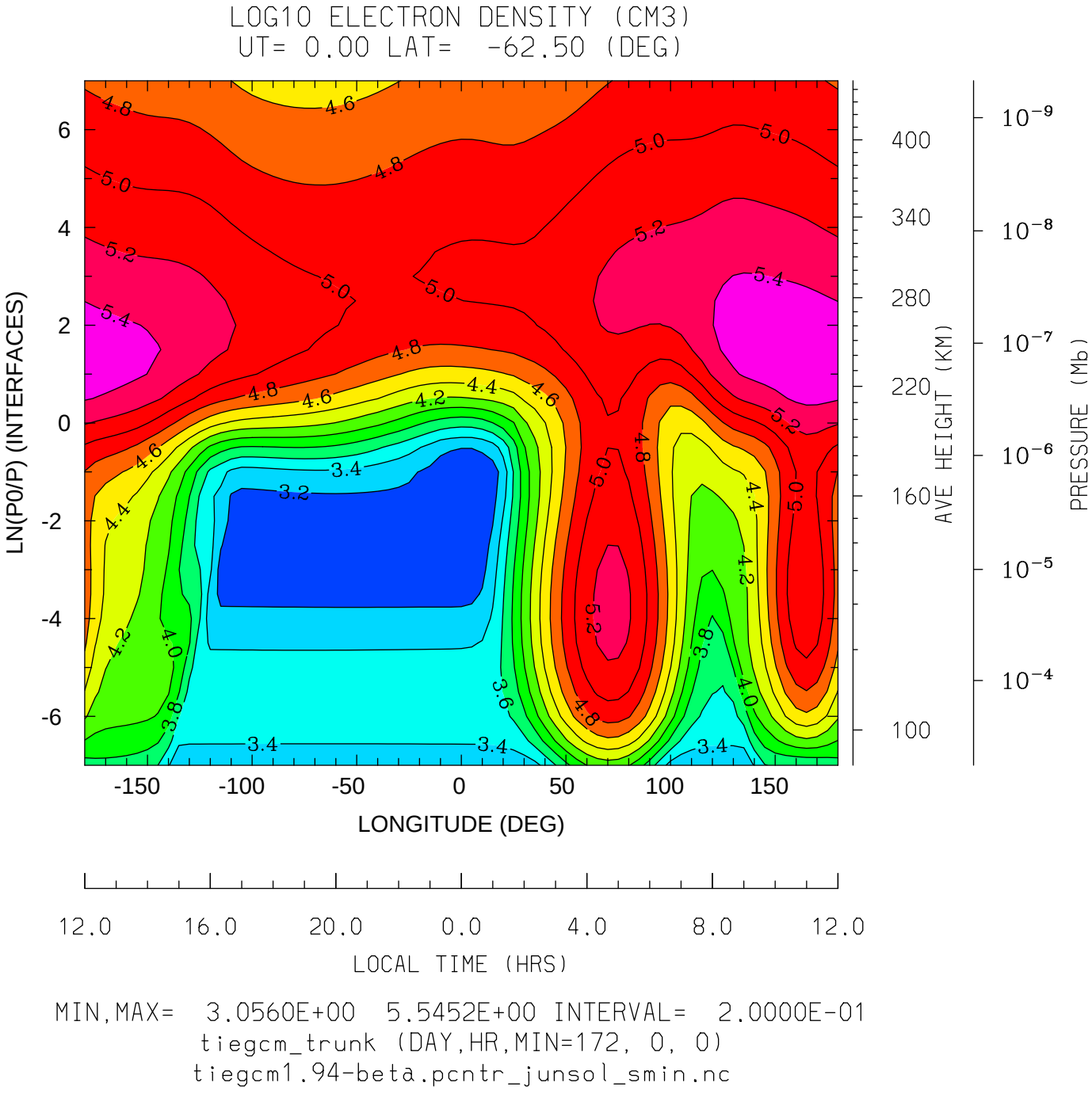

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 LAT= 37.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 1.6316E+02 3.0573E+03 INTERVAL= 2.0000E+02
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

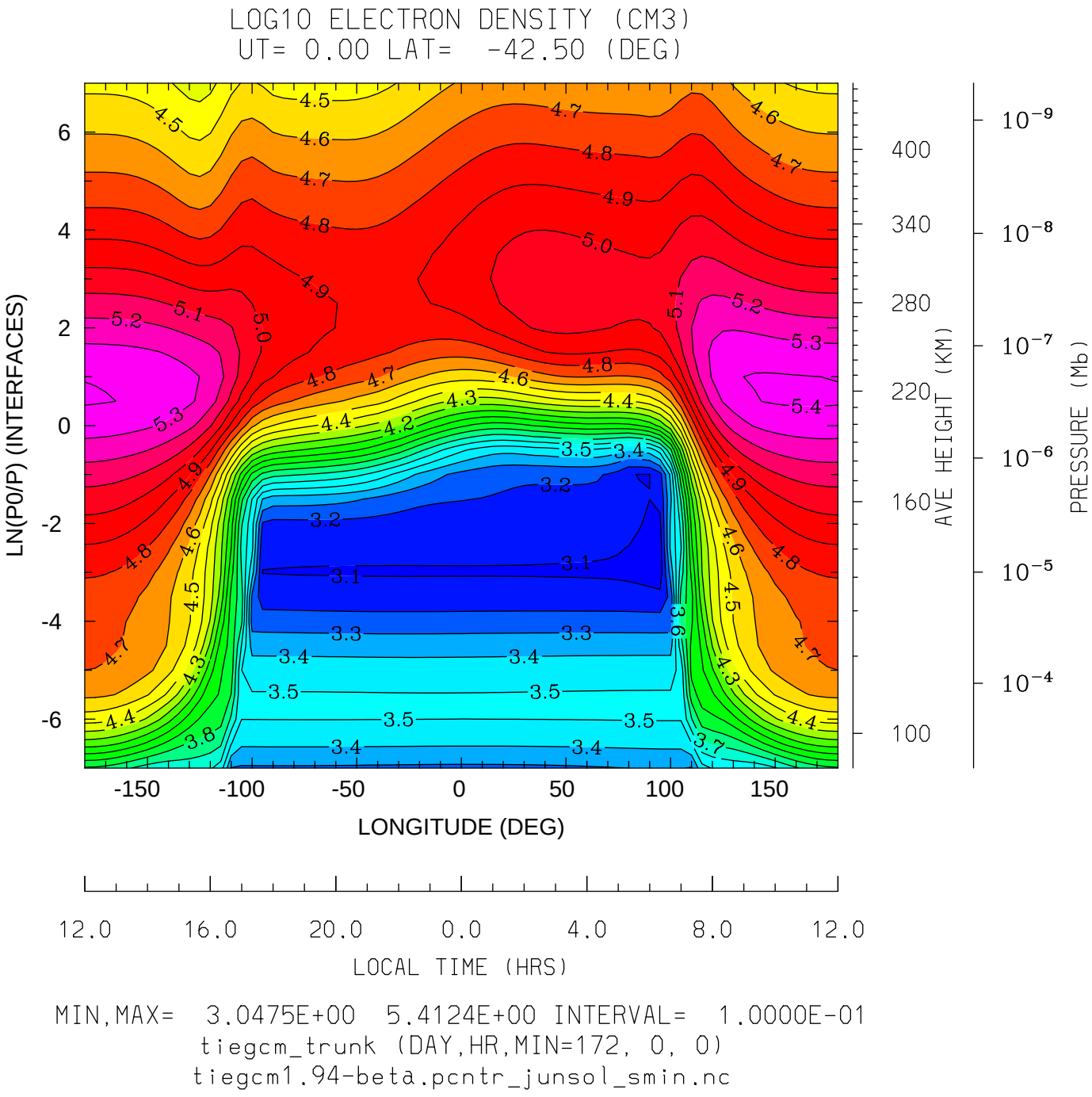


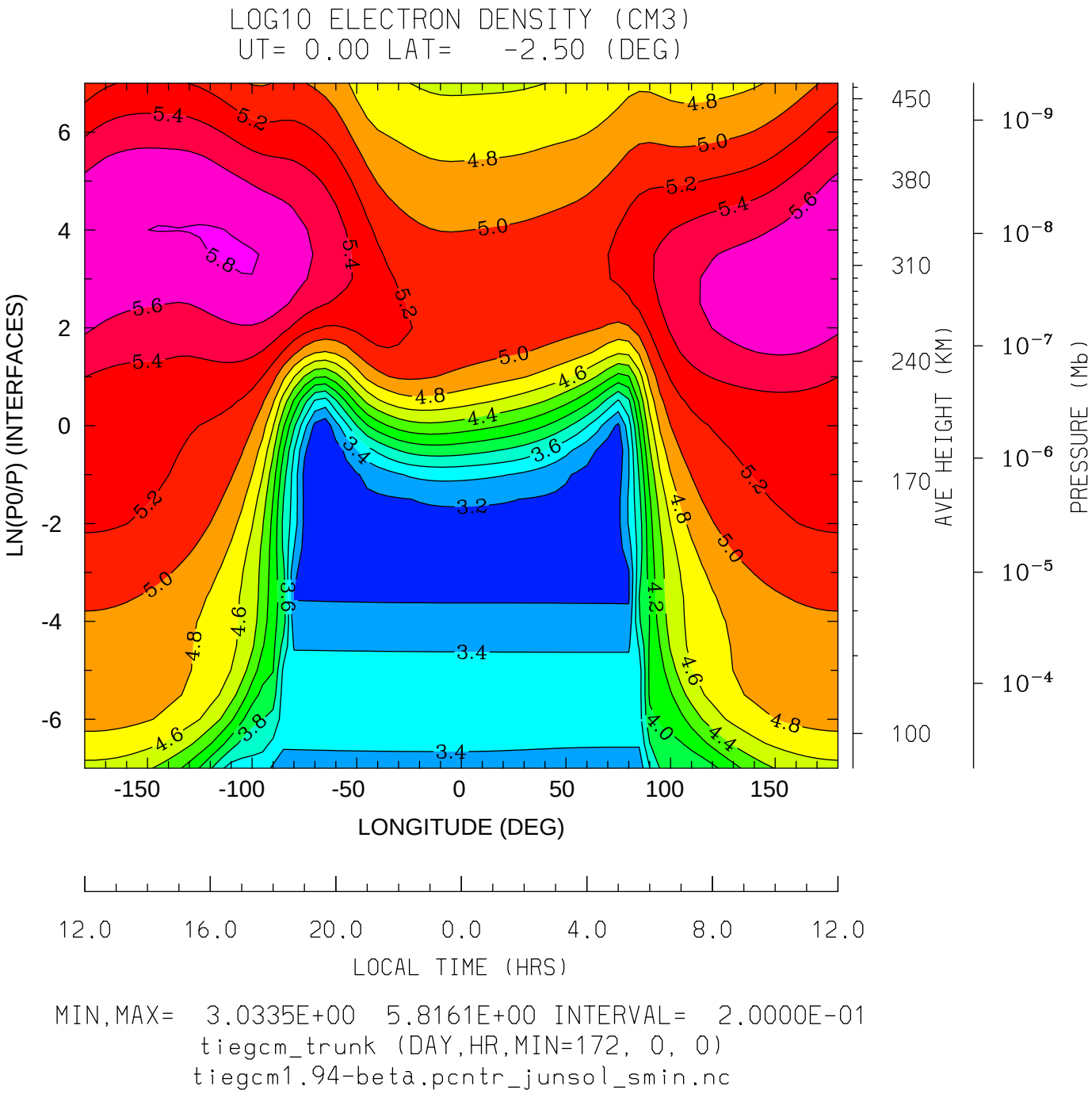
MIN,MAX= 1.6817E+02 3.3163E+03 INTERVAL= 2.5000E+02

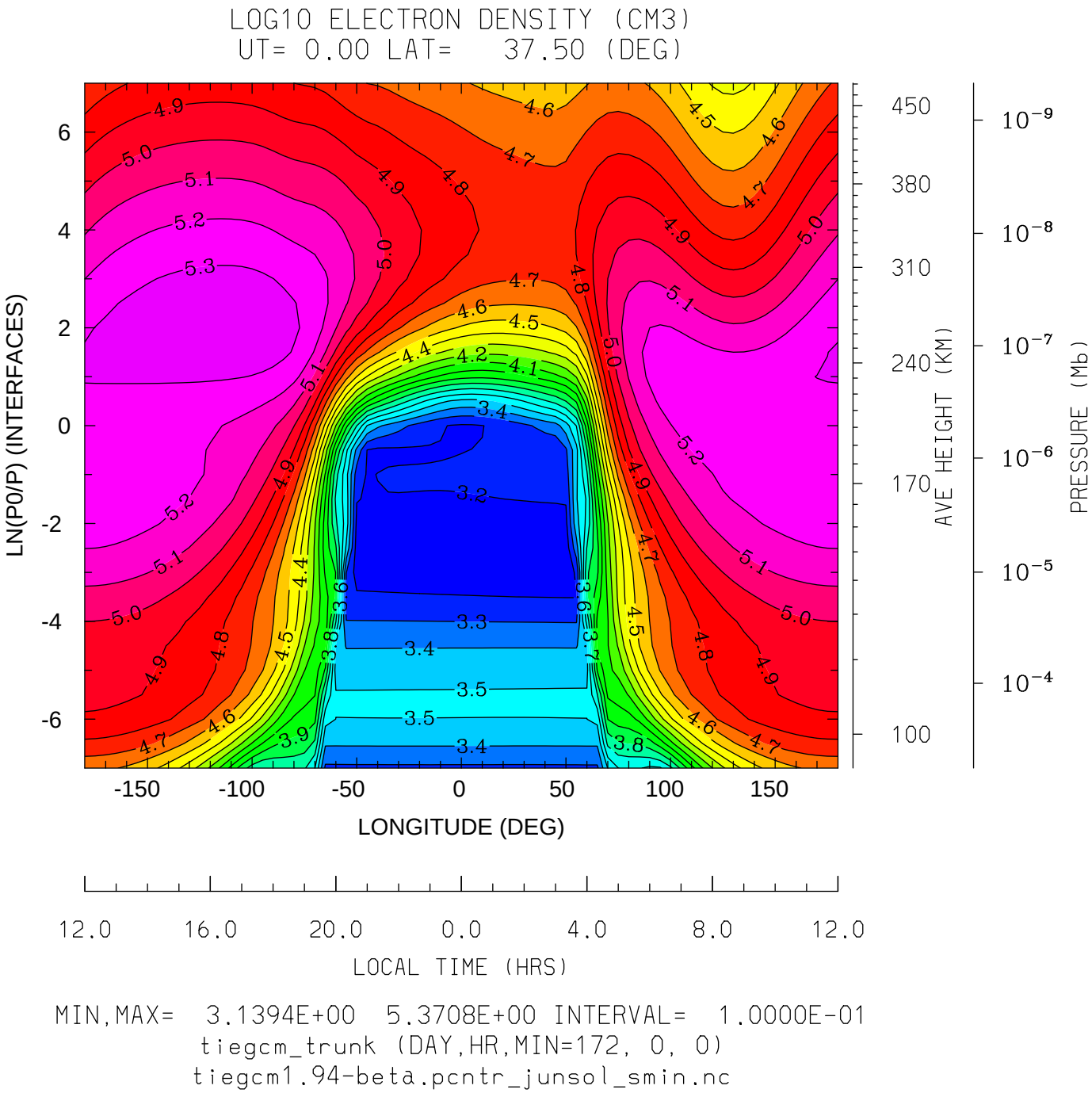
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

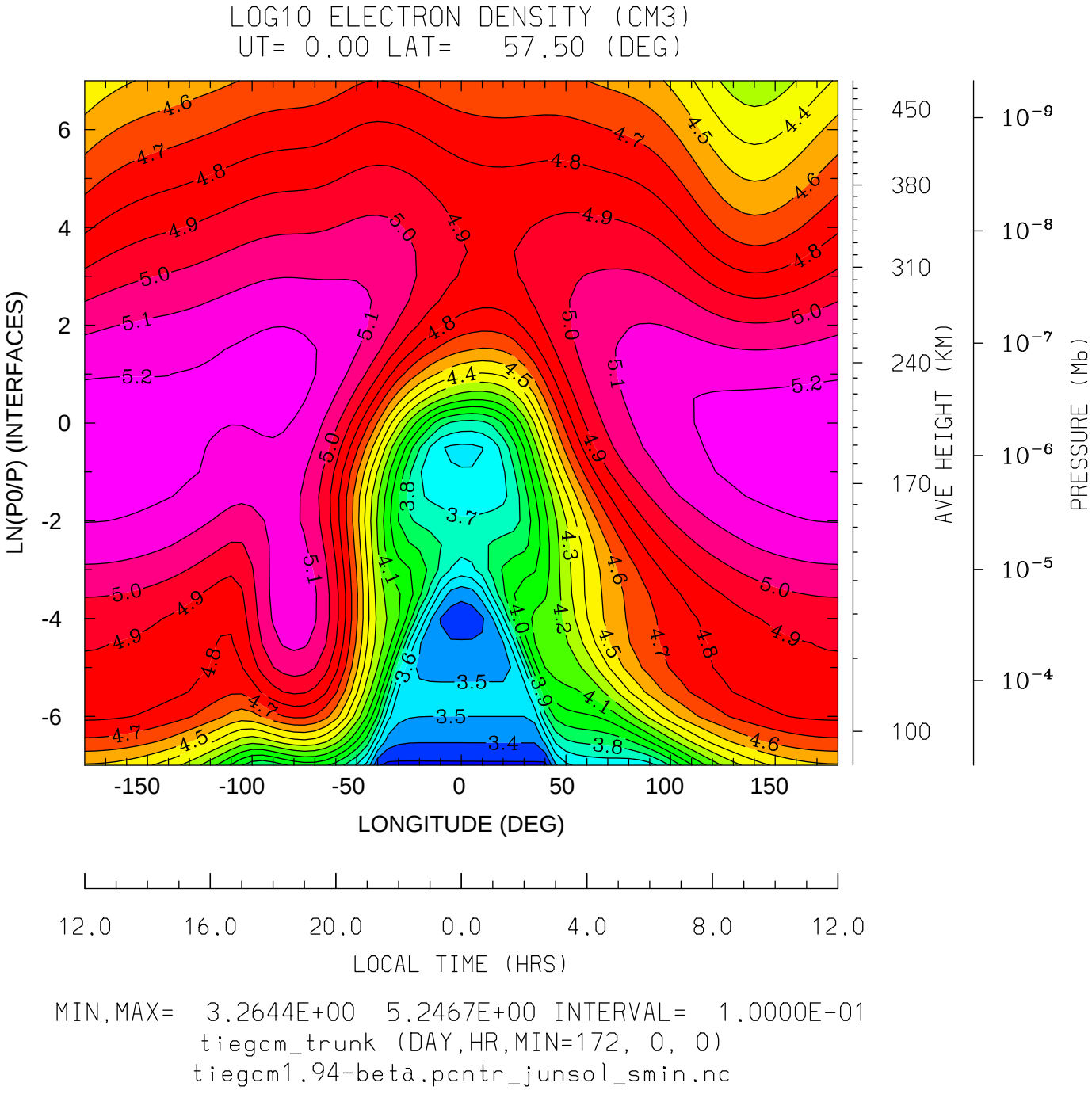
tiegcm1.94-beta.pcntr_junsol_smin.nc

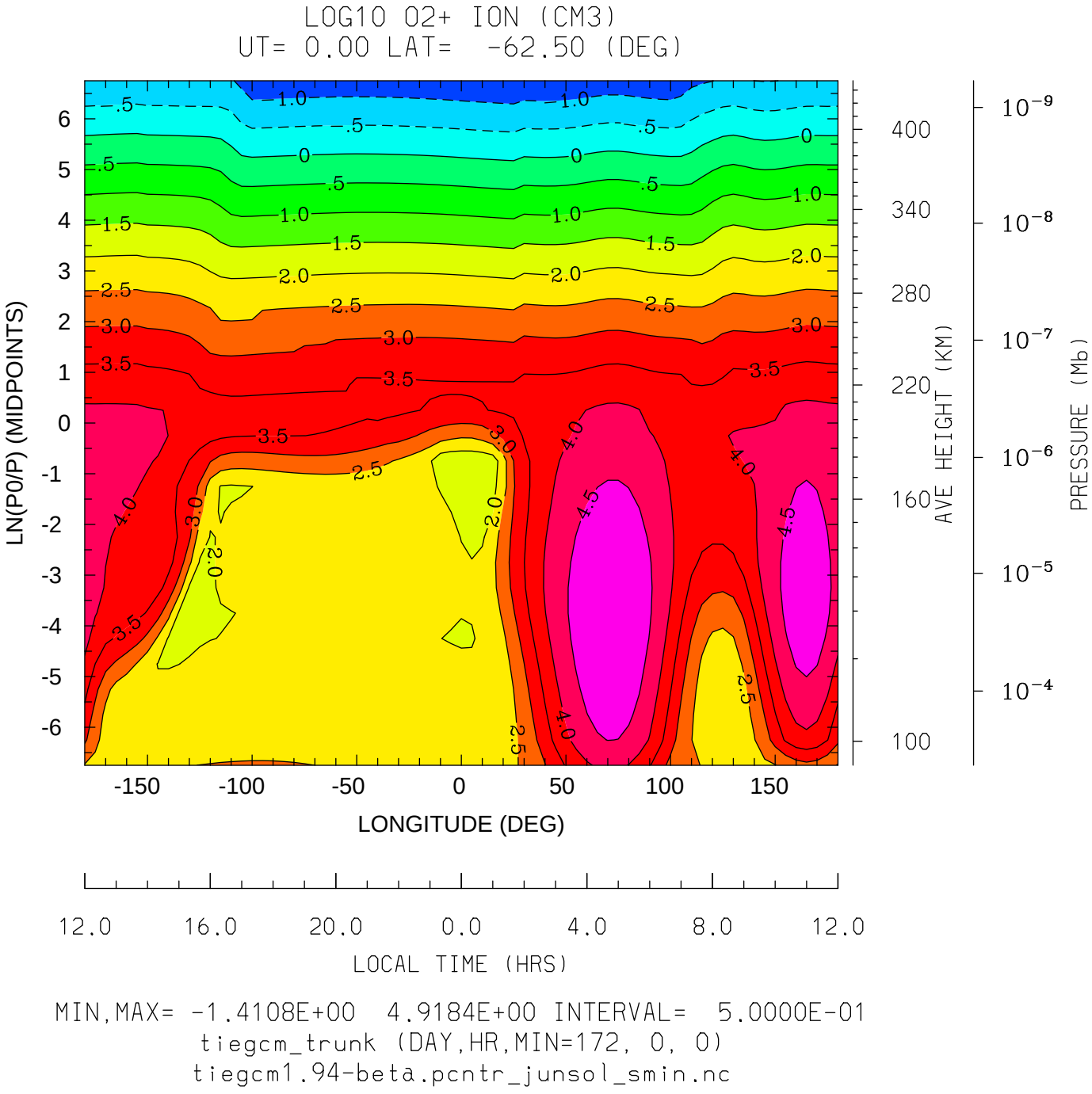

LOG10 ELECTRON DENSITY (CM3)
UT= 0.00 LAT= -62.50 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 3.0560E+00 5.5452E+00 INTERVAL= 2.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

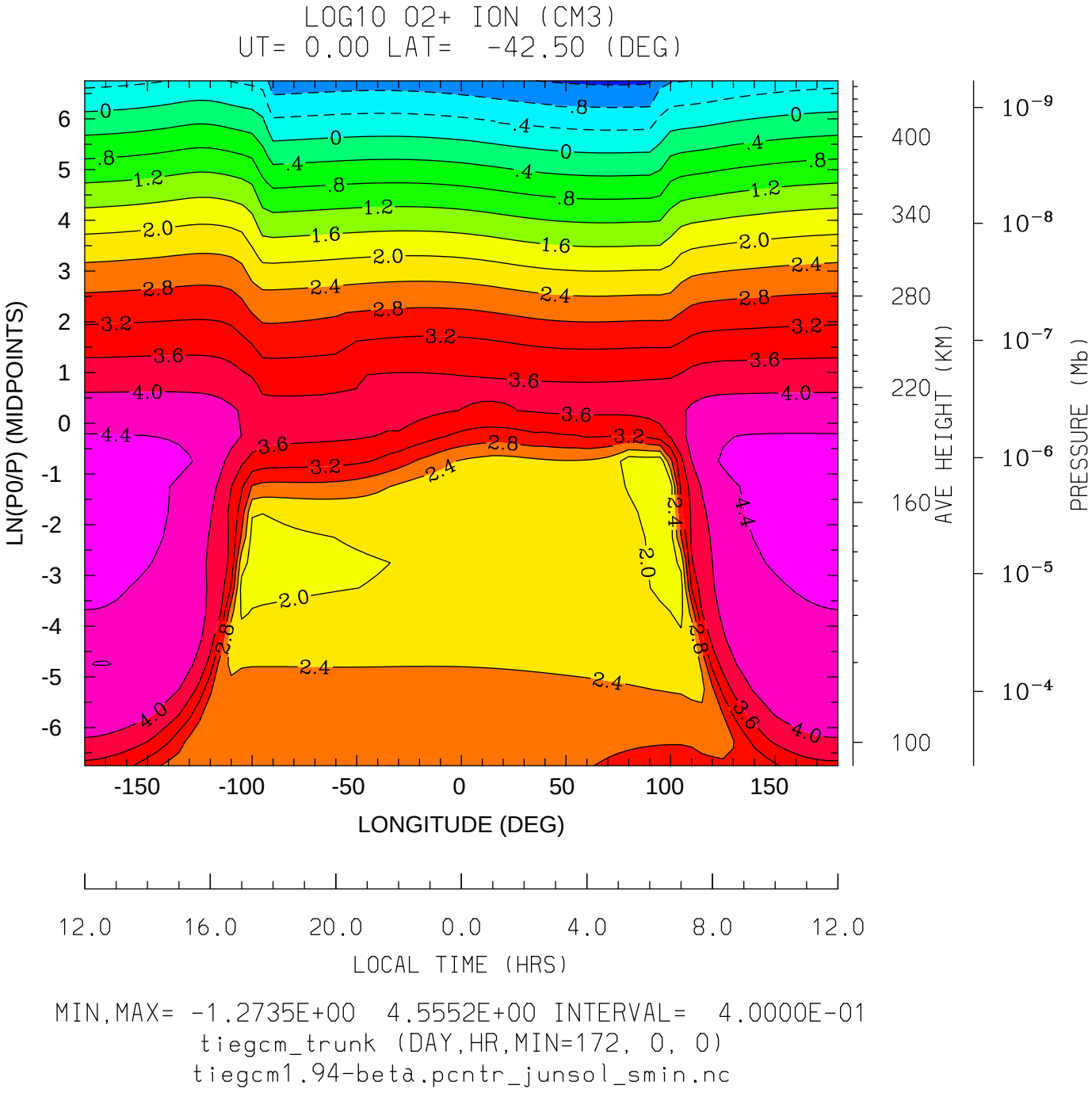

LOG10 ELECTRON DENSITY (CM3)
UT= 0.00 LAT= -42.50 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 3.0475E+00 5.4124E+00 INTERVAL= 1.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

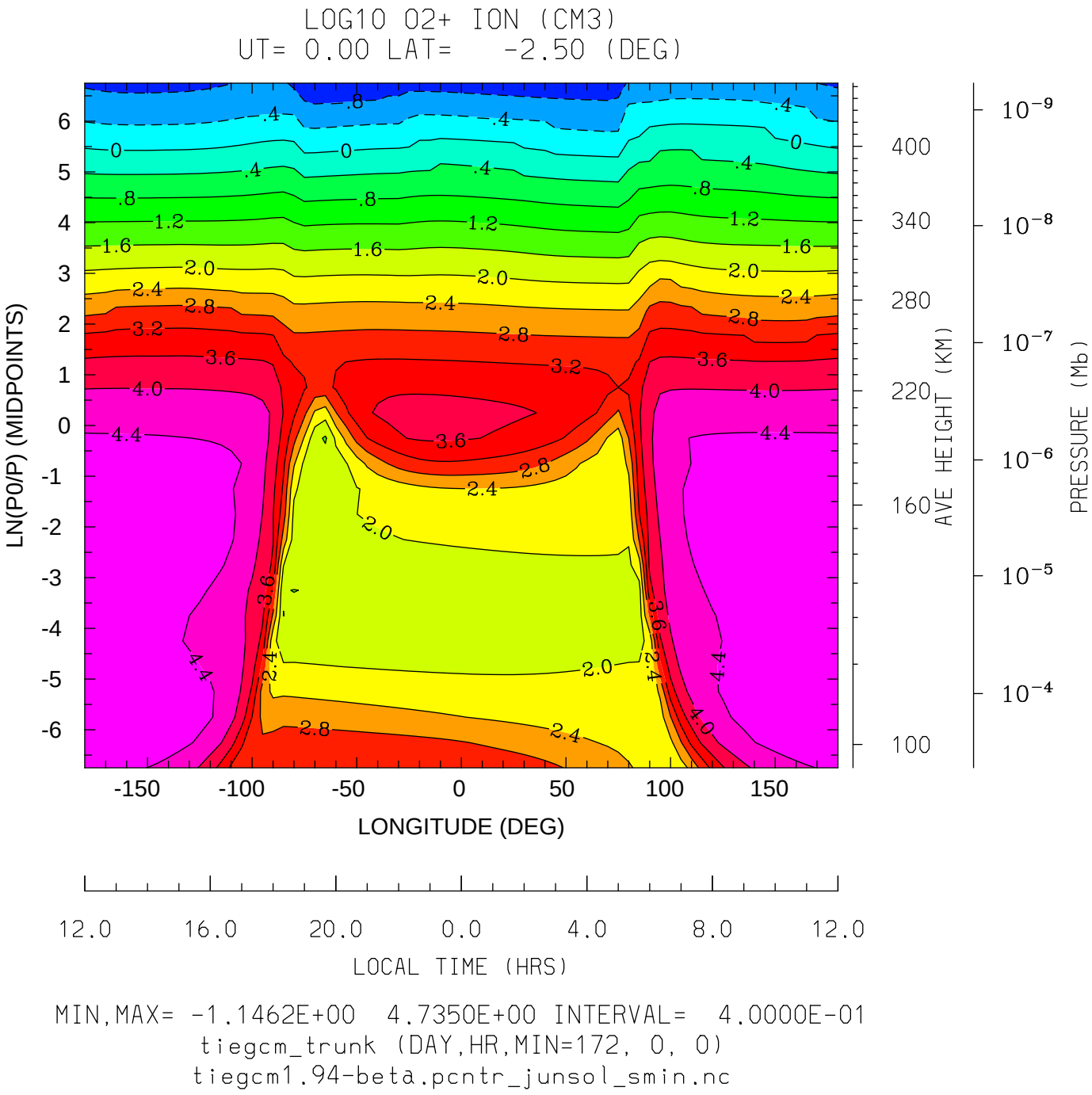

LOG10 ELECTRON DENSITY (CM3)
UT= 0.00 LAT= -2.50 (DEG)
LN(P0/P) (INTERFACES)
6
4
2
0
-2
-4
-6
-150
-100
-50
0
50
100
150
LONGITUDE (DEG)
12.0
16.0
20.0
0.0
4.0
8.0
12.0
LOCAL TIME (HRS)
450
380
310
240
170
100
AVE HEIGHT (KM)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
PRESSURE (Mb)
MIN,MAX= 3.0335E+00 5.8161E+00 INTERVAL= 2.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

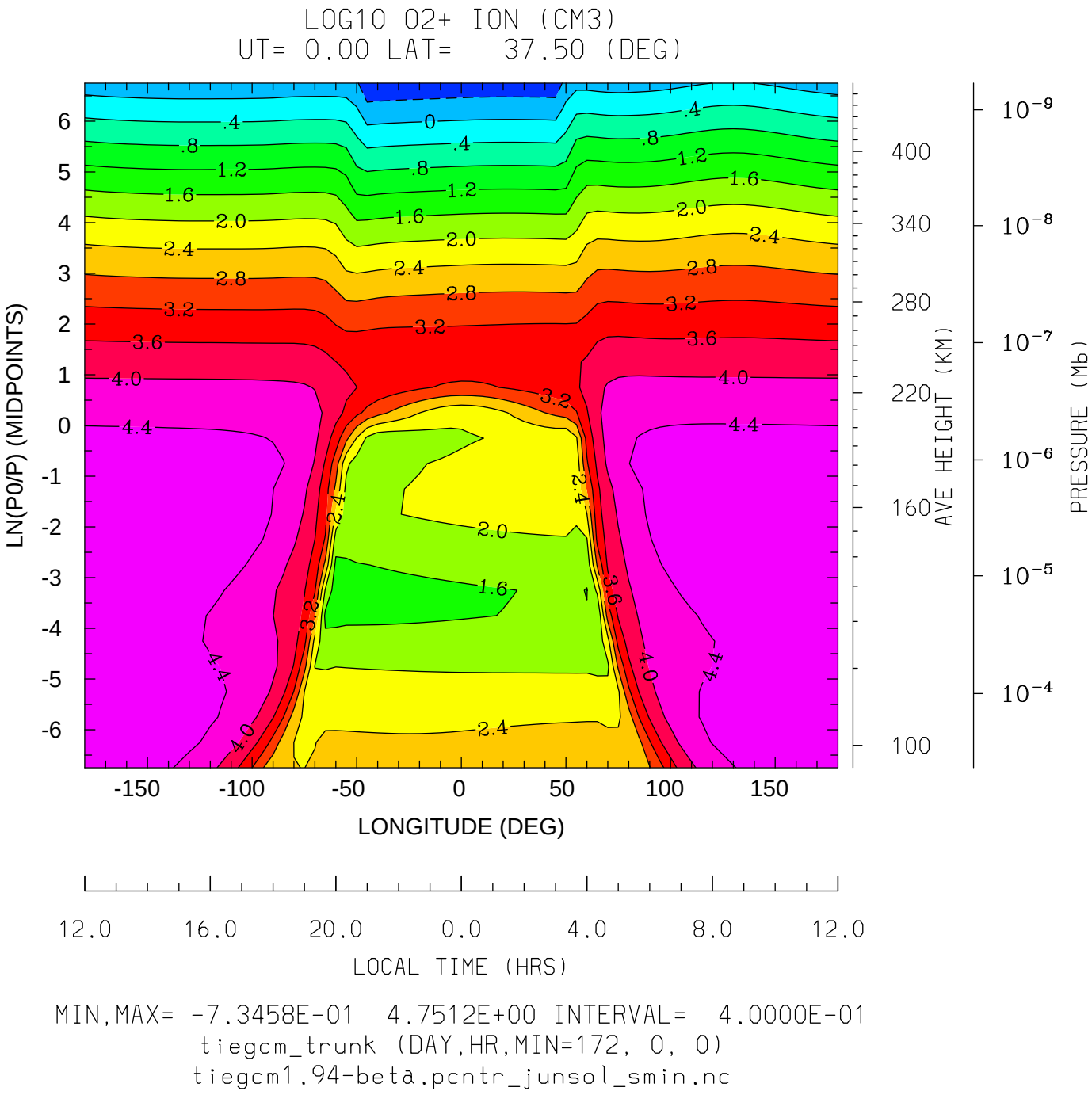

LOG10 ELECTRON DENSITY (CM3)
UT= 0.00 LAT= 37.50 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 3.1394E+00 5.3708E+00 INTERVAL= 1.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

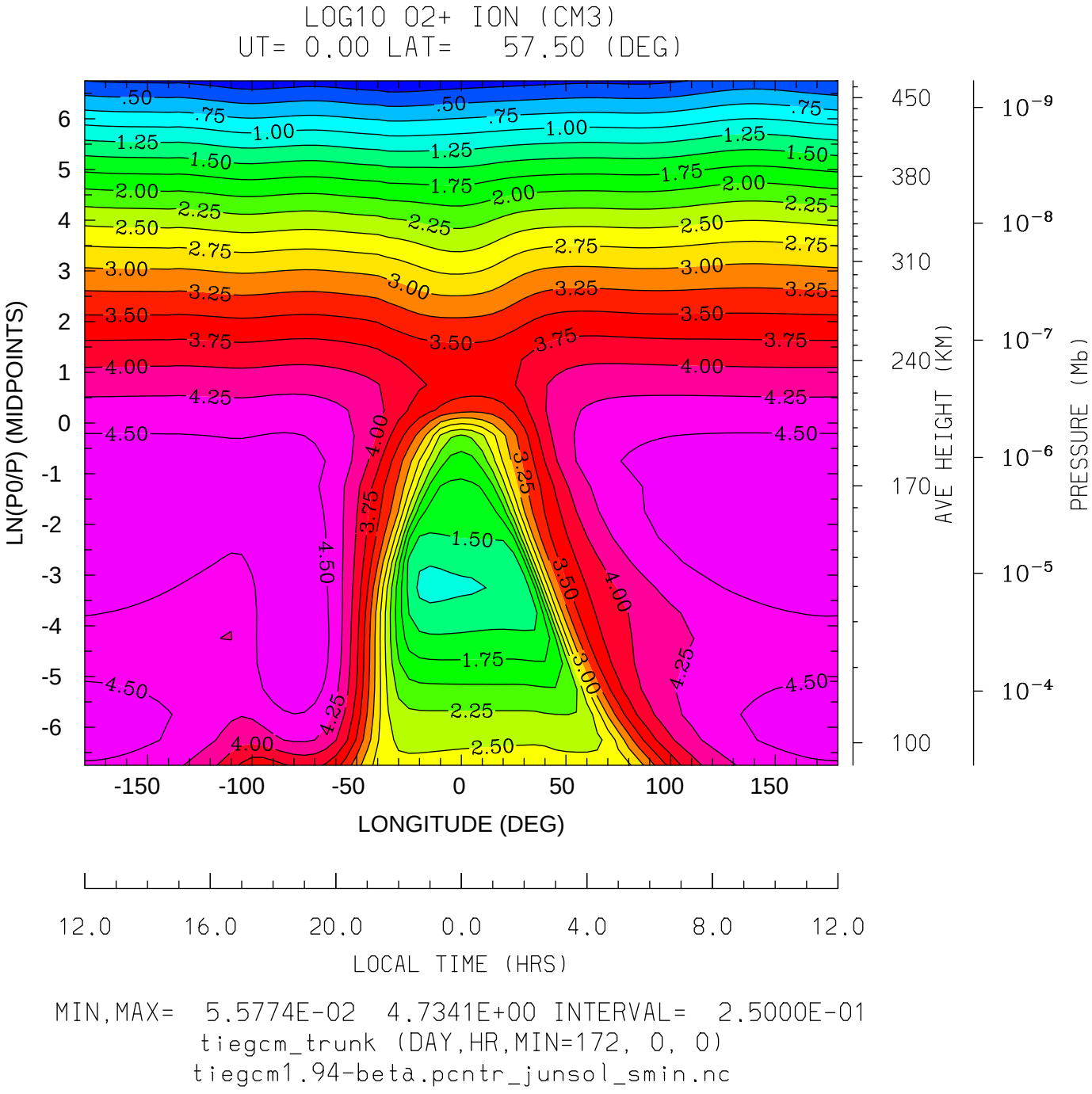

LOG10 ELECTRON DENSITY (CM3)
UT= 0.00 LAT= 57.50 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 3.2644E+00 5.2467E+00 INTERVAL= 1.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

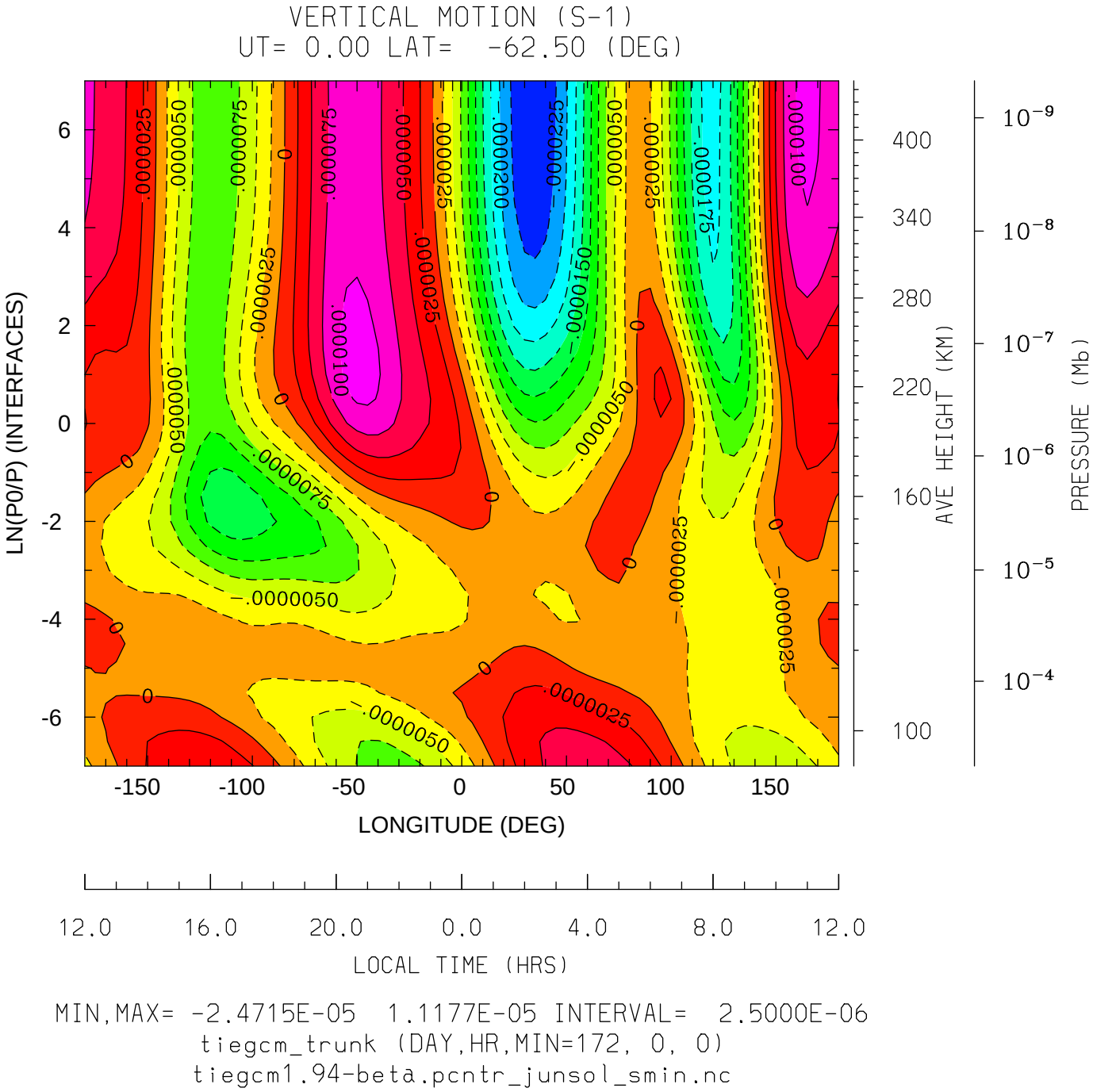

LOG10 O2+ ION (CM3)
UT= 0.00 LAT= -62.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.4108E+00 4.9184E+00 INTERVAL= 5.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


LOG10 O2+ ION (CM3)
UT= 0.00 LAT= -42.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.2735E+00 4.5552E+00 INTERVAL= 4.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


LOG10 O2+ ION (CM3)
UT= 0.00 LAT= -2.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.1462E+00 4.7350E+00 INTERVAL= 4.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc


LOG10 O2+ ION (CM3)
UT= 0.00 LAT= 37.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -7.3458E-01 4.7512E+00 INTERVAL= 4.0000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

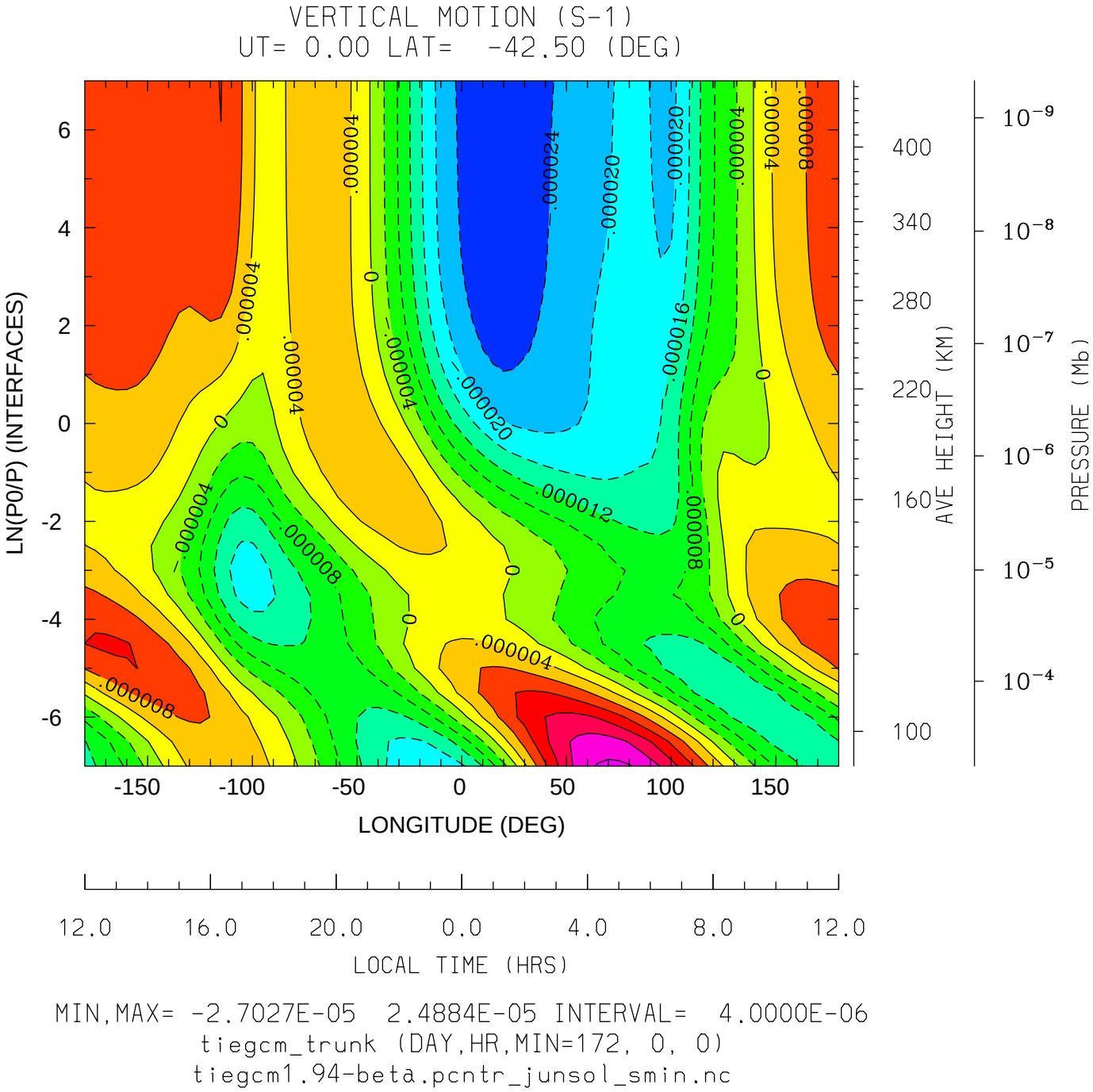

LOG10 O2+ ION (CM3)
UT= 0.00 LAT= 57.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 5.5774E-02 4.7341E+00 INTERVAL= 2.5000E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= -2.4715E-05 1.1177E-05 INTERVAL= 2.5000E-06

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc


VERTICAL MOTION (S-1)
UT= 0.00 LAT= -42.50 (DEG)
LN(P0/P) (INTERFACES)
6
4
2
0
-2
-4
-6
-150
-100
-50
0
50
100
150
LONGITUDE (DEG)
12.0
16.0
20.0
0.0
4.0
8.0
12.0
LOCAL TIME (HRS)
AVE HEIGHT (KM)
400
340
280
220
160
100
PRESSURE (Mb)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
.000008
.000004
.000000
.000004
.000008
.000012
.000020
.000024
.000020
.000016
.000008
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.000000
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.000008
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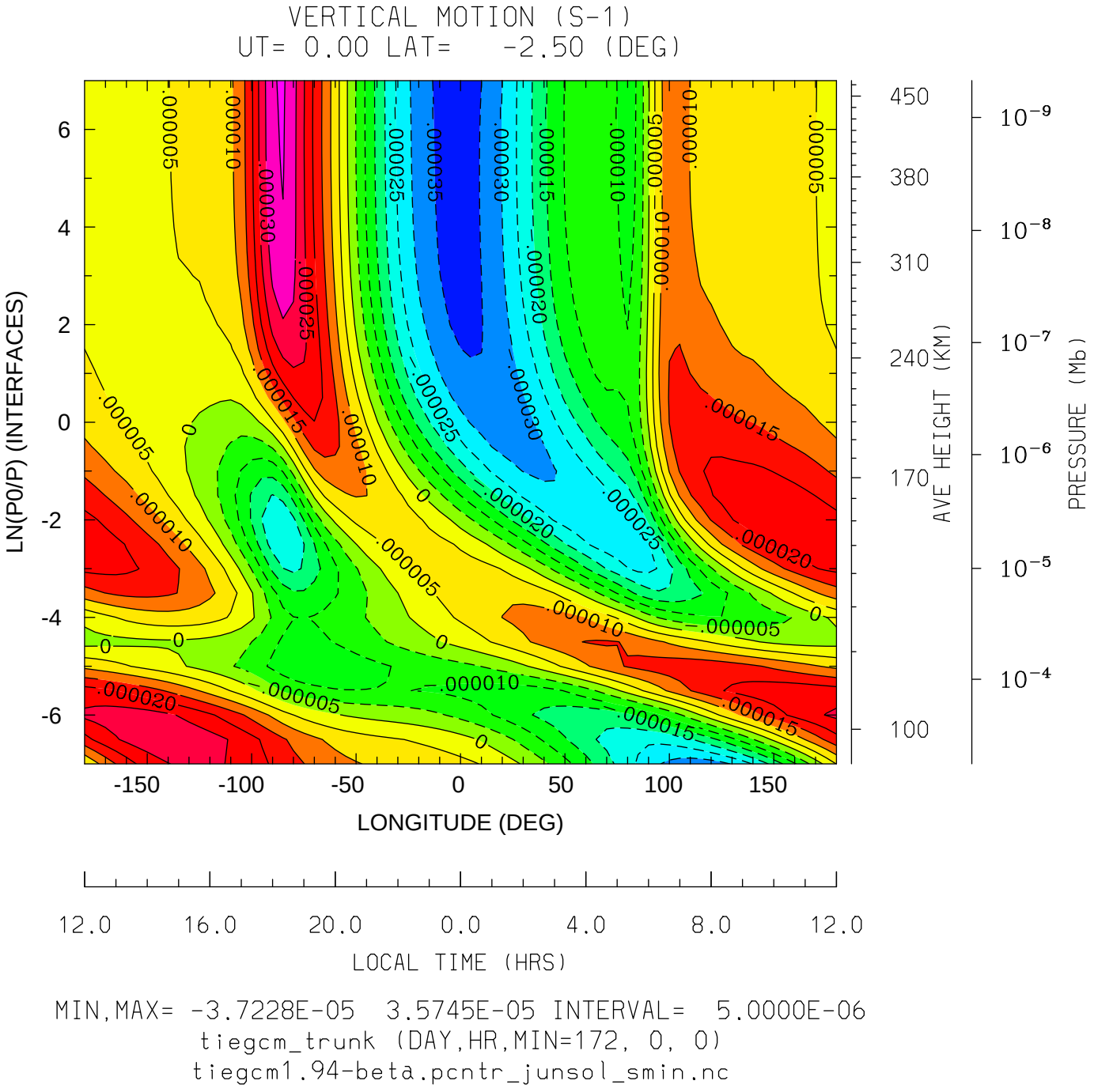
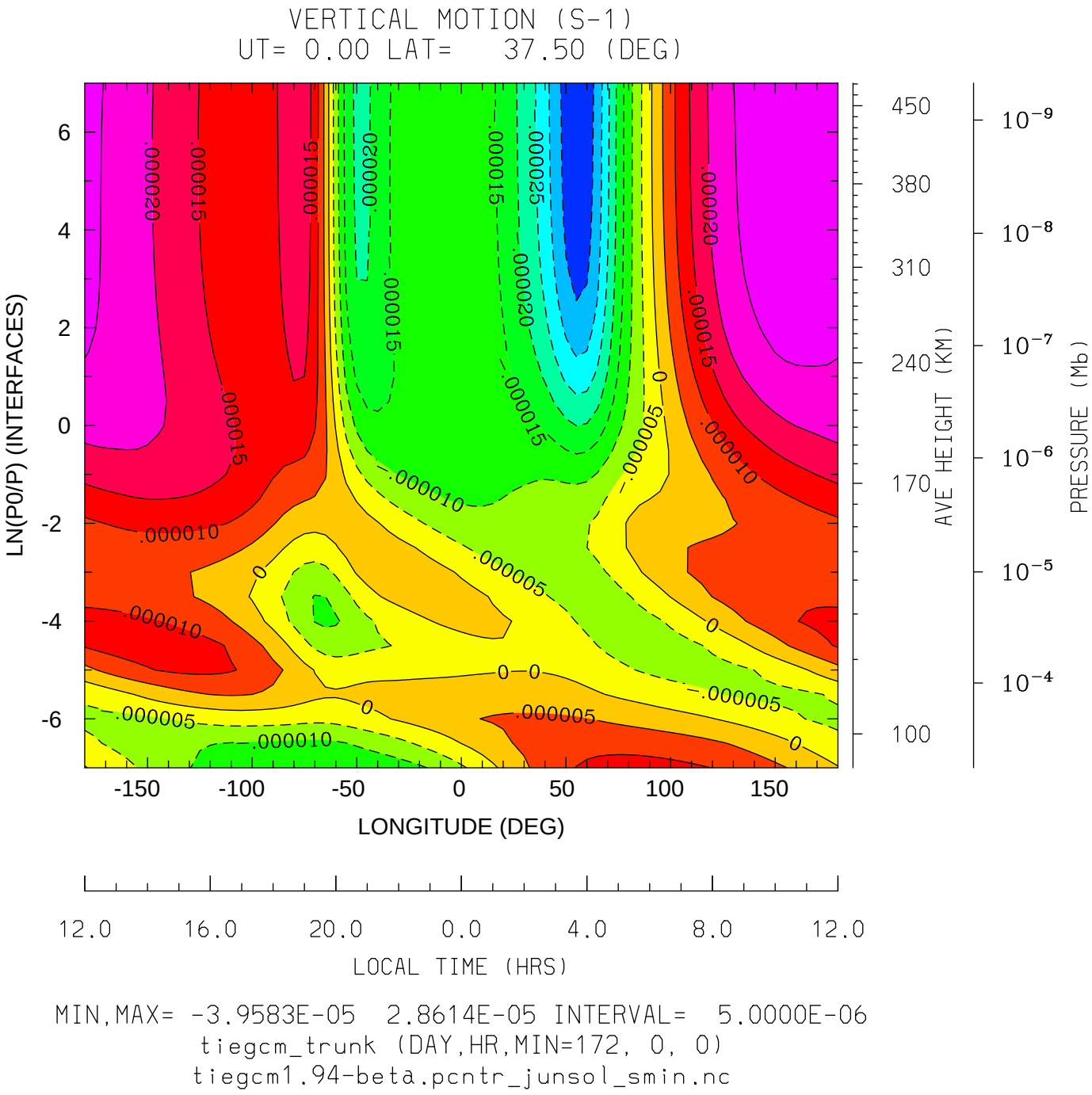
.000004
.000008
.000004
.000000
.000004



MIN,MAX= -3.7228E-05 3.5745E-05 INTERVAL= 5.0000E-06

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

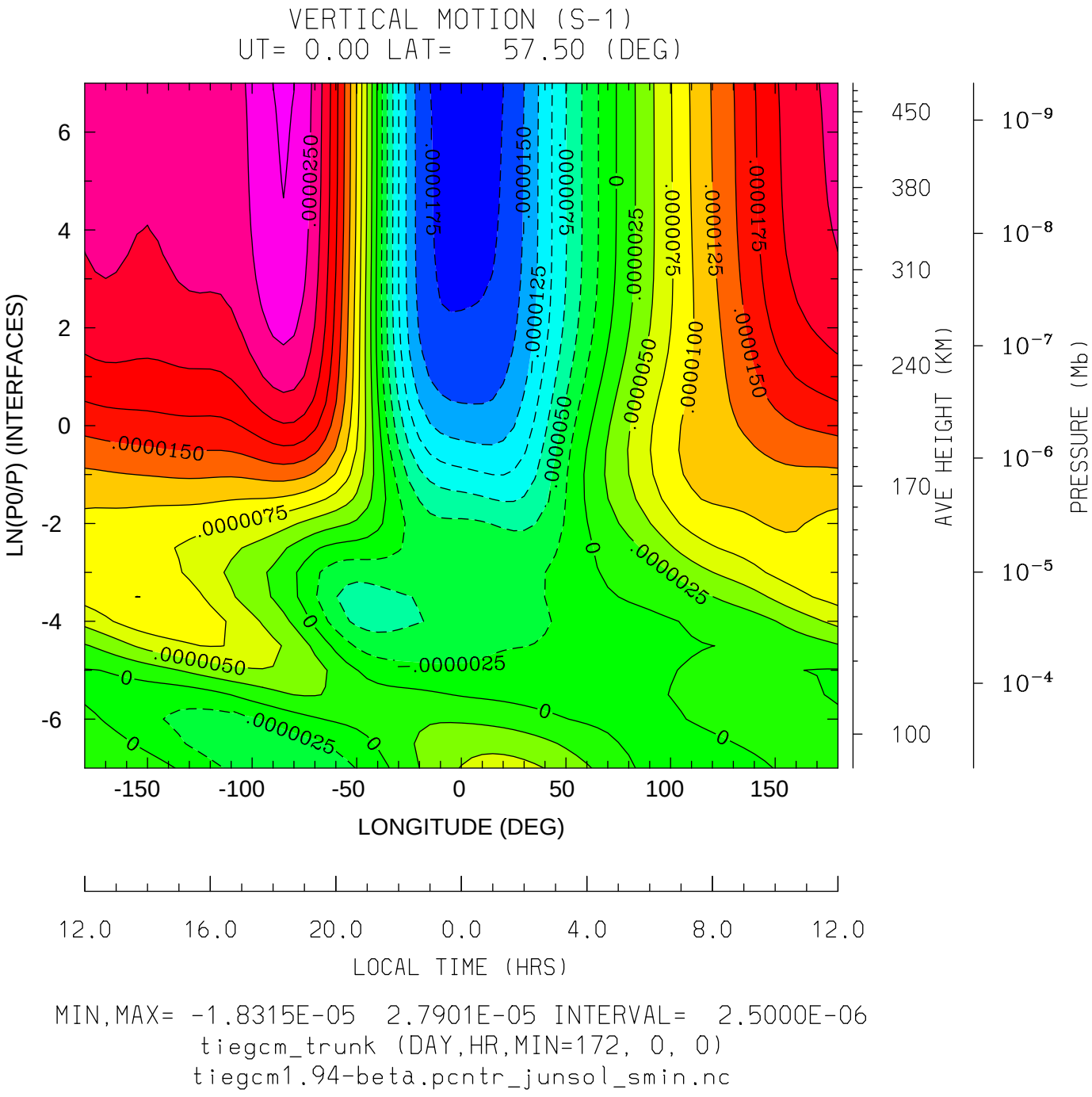
tiegcm1.94-beta.pcntr_junsol_smin.nc

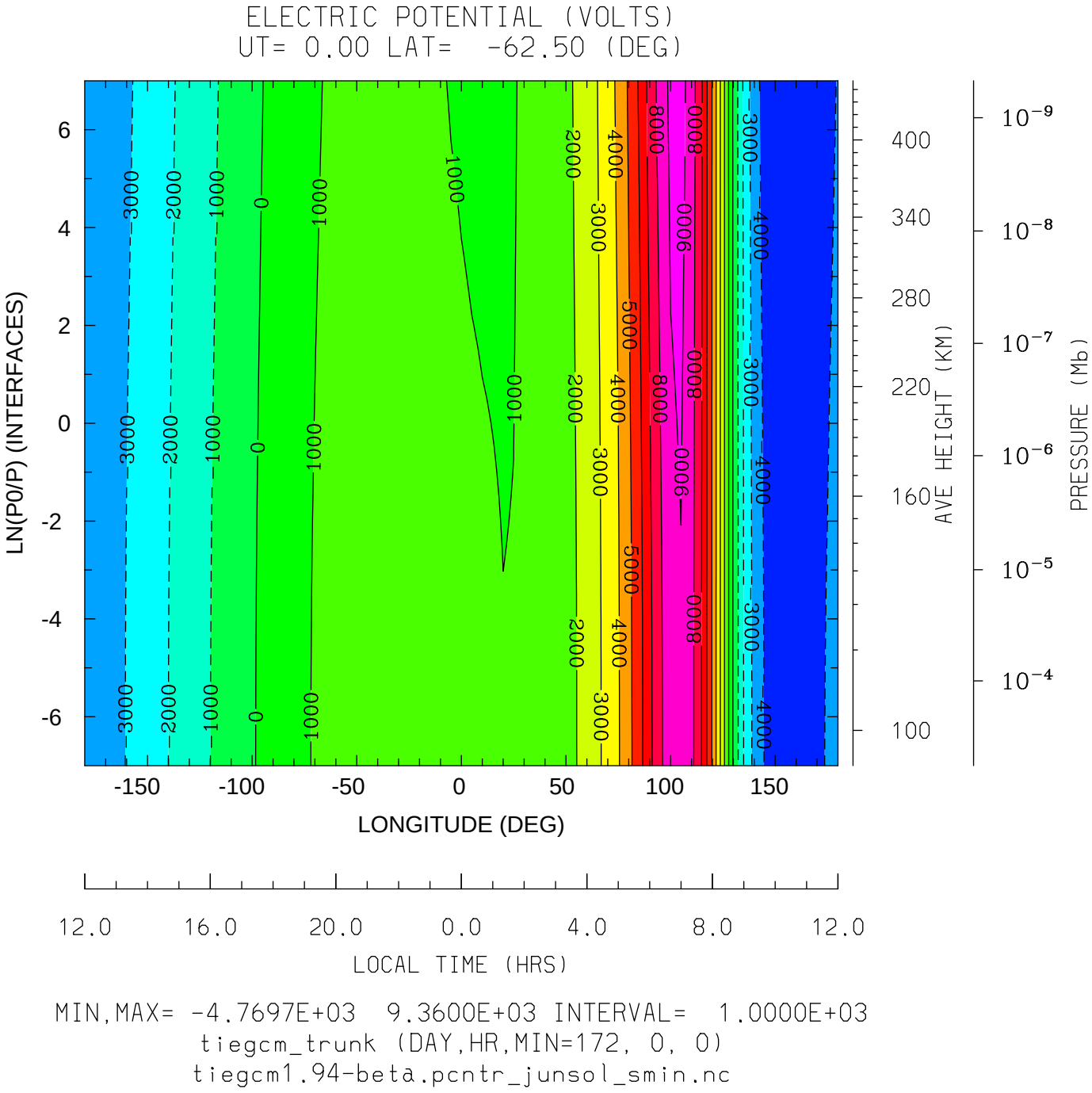


MIN,MAX= -3.9583E-05 2.8614E-05 INTERVAL= 5.0000E-06

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc

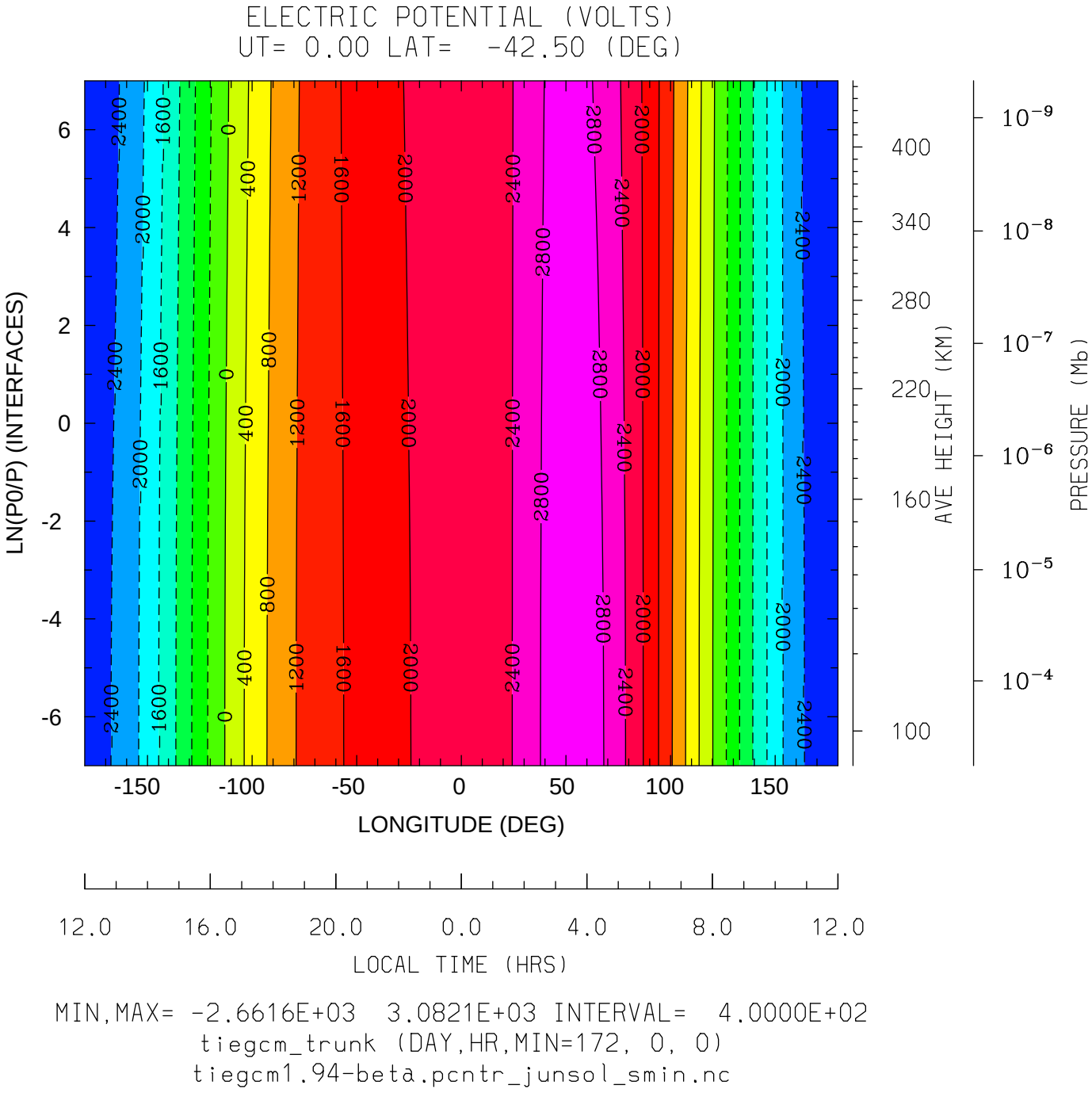

VERTICAL MOTION (S-1)
UT= 0.00 LAT= 57.50 (DEG)
LN(P0/P) (INTERFACES)
6
4
2
0
-2
-4
-6
-150
-100
-50
0
50
100
150
LONGITUDE (DEG)
12.0
16.0
20.0
0.0
4.0
8.0
12.0
LOCAL TIME (HRS)
450
380
310
240
170
100
AVE HEIGHT (KM)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
PRESSURE (Mb)
.0000250
.0000175
.0000150
.0000125
.0000075
.0000050
.0000025
0
MIN,MAX= -1.8315E-05 2.7901E-05 INTERVAL= 2.5000E-06
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

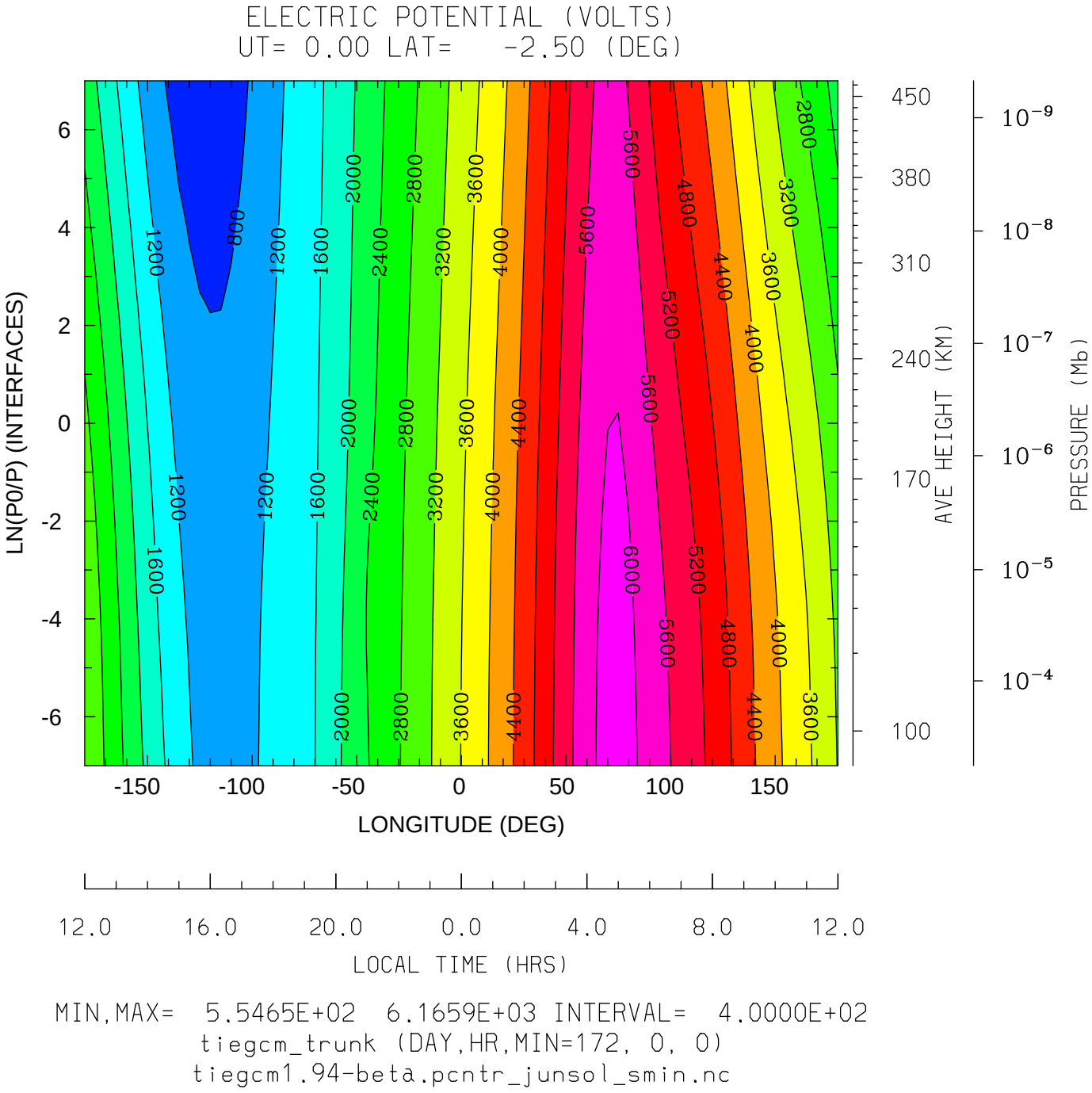


MIN,MAX= -4.7697E+03 9.3600E+03 INTERVAL= 1.0000E+03

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc

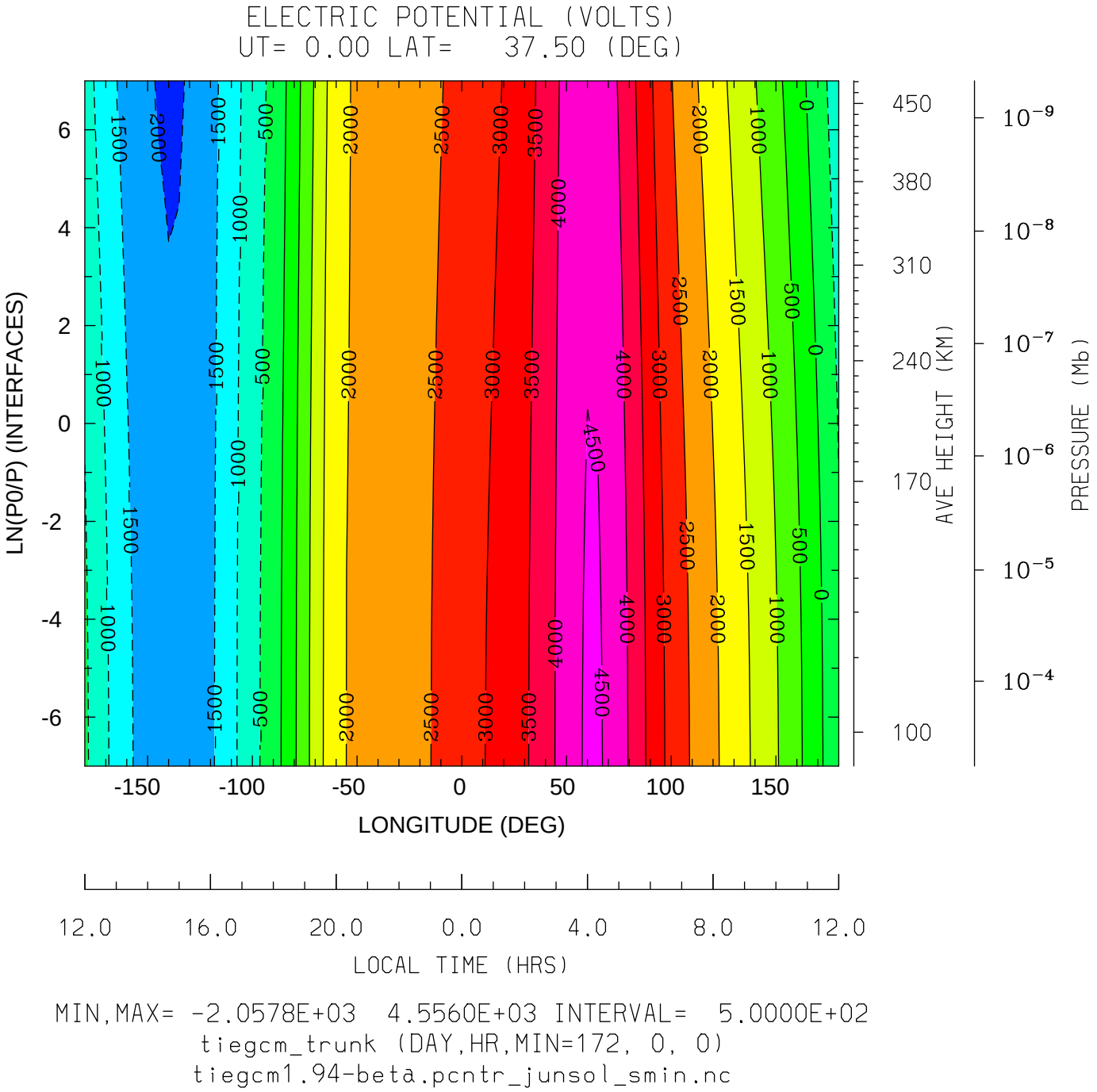

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 LAT= -42.50 (DEG)
LN(P0/P) (INTERFACES)
6
4
2
0
-2
-4
-6
-150
-100
-50
0
50
100
150
LONGITUDE (DEG)
12.0
16.0
20.0
0.0
4.0
8.0
12.0
LOCAL TIME (HRS)
AVE HEIGHT (KM)
400
340
280
220
160
100
PRESSURE (Mb)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
MIN,MAX= -2.6616E+03 3.0821E+03 INTERVAL= 4.0000E+02
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

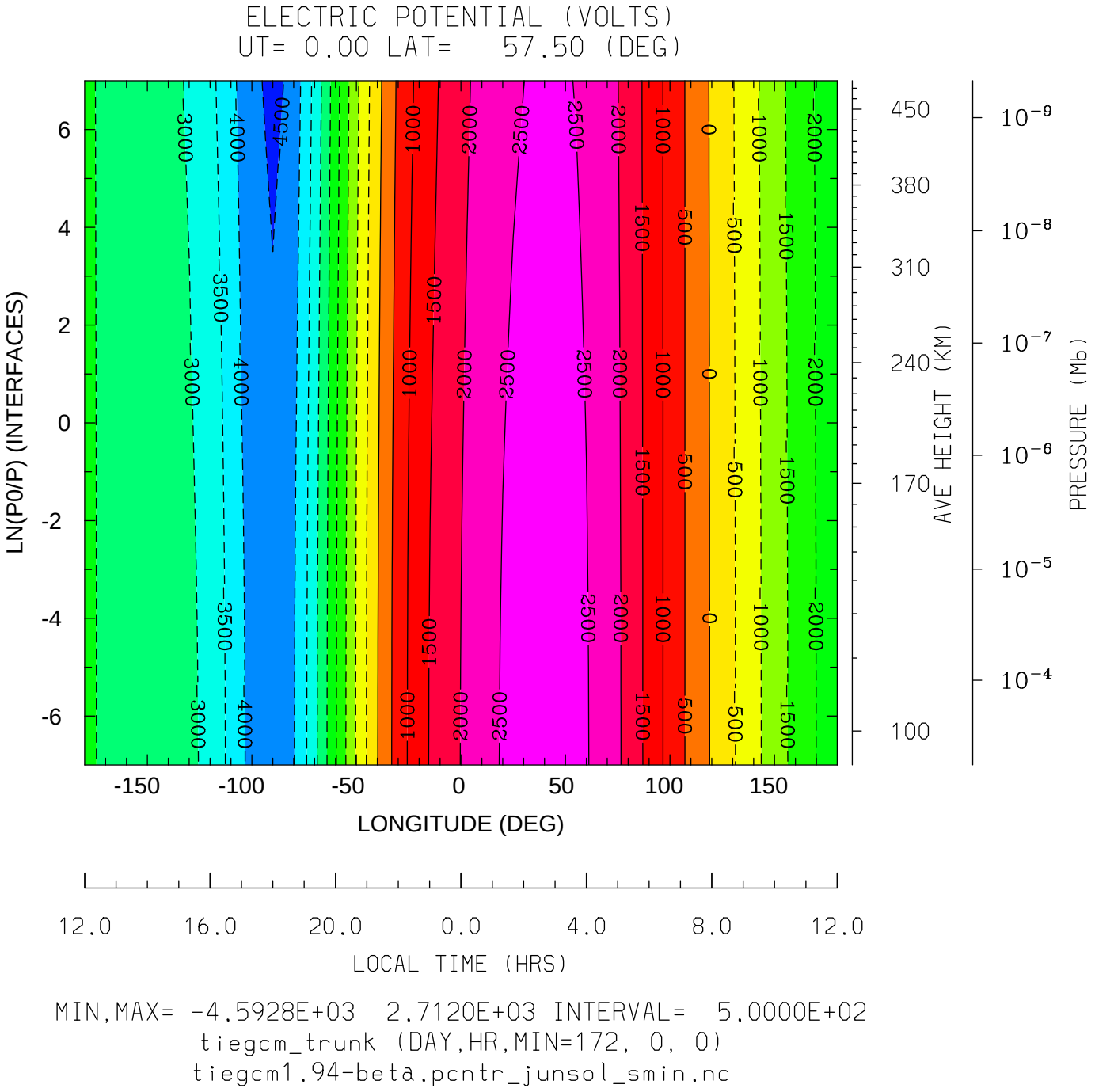


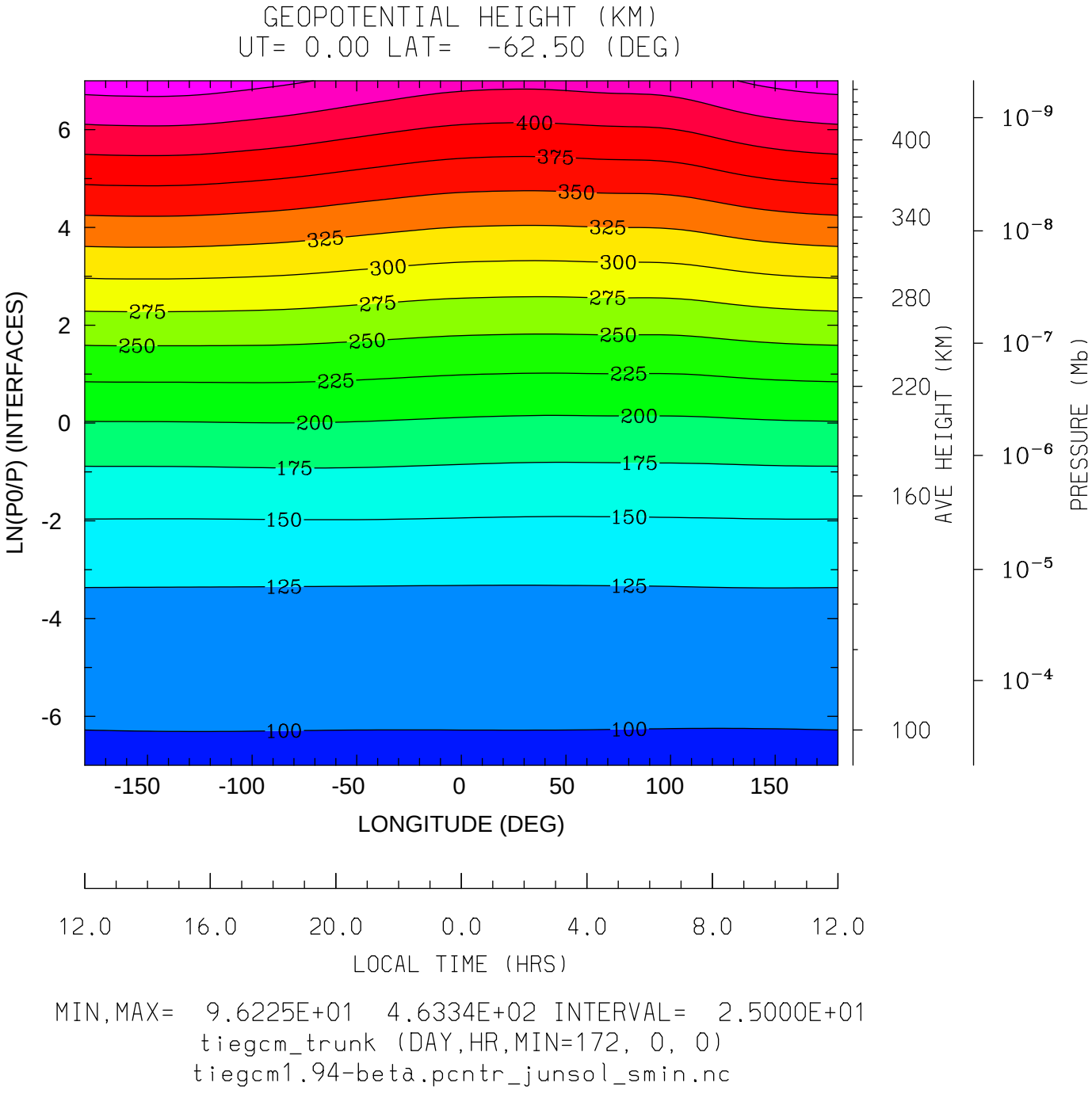
MIN,MAX= 5.5465E+02 6.1659E+03 INTERVAL= 4.0000E+02

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc


ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 LAT= 37.50 (DEG)
LN(P0/P) (INTERFACES)
6
4
2
0
-2
-4
-6
-150
-100
-50
0
50
100
150
LONGITUDE (DEG)
12.0
16.0
20.0
0.0
4.0
8.0
12.0
LOCAL TIME (HRS)
450
380
310
240
170
100
AVE HEIGHT (KM)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
PRESSURE (Mb)
MIN,MAX= -2.0578E+03 4.5560E+03 INTERVAL= 5.0000E+02
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc

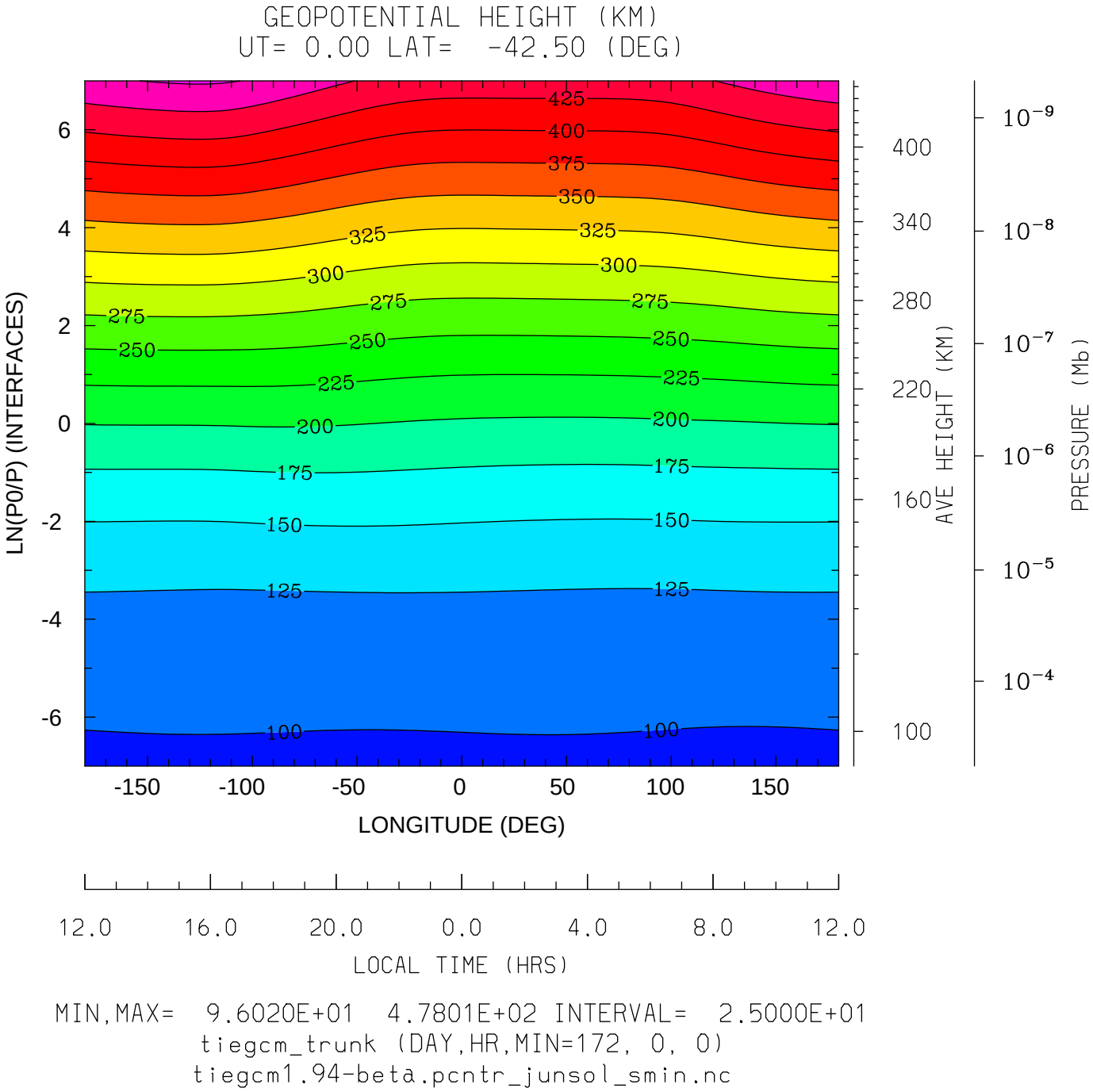

ELECTRIC POTENTIAL (VOLTS)
UT= 0.00 LAT= 57.50 (DEG)
LN(P0/P) (INTERFACES)
6
4
2
0
-2
-4
-6
-150
-100
-50
0
50
100
150
LONGITUDE (DEG)
12.0
16.0
20.0
0.0
4.0
8.0
12.0
LOCAL TIME (HRS)
450
380
310
240
170
100
AVE HEIGHT (KM)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
PRESSURE (Mb)
MIN,MAX= -4.5928E+03 2.7120E+03 INTERVAL= 5.0000E+02
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 9.6225E+01 4.6334E+02 INTERVAL= 2.5000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

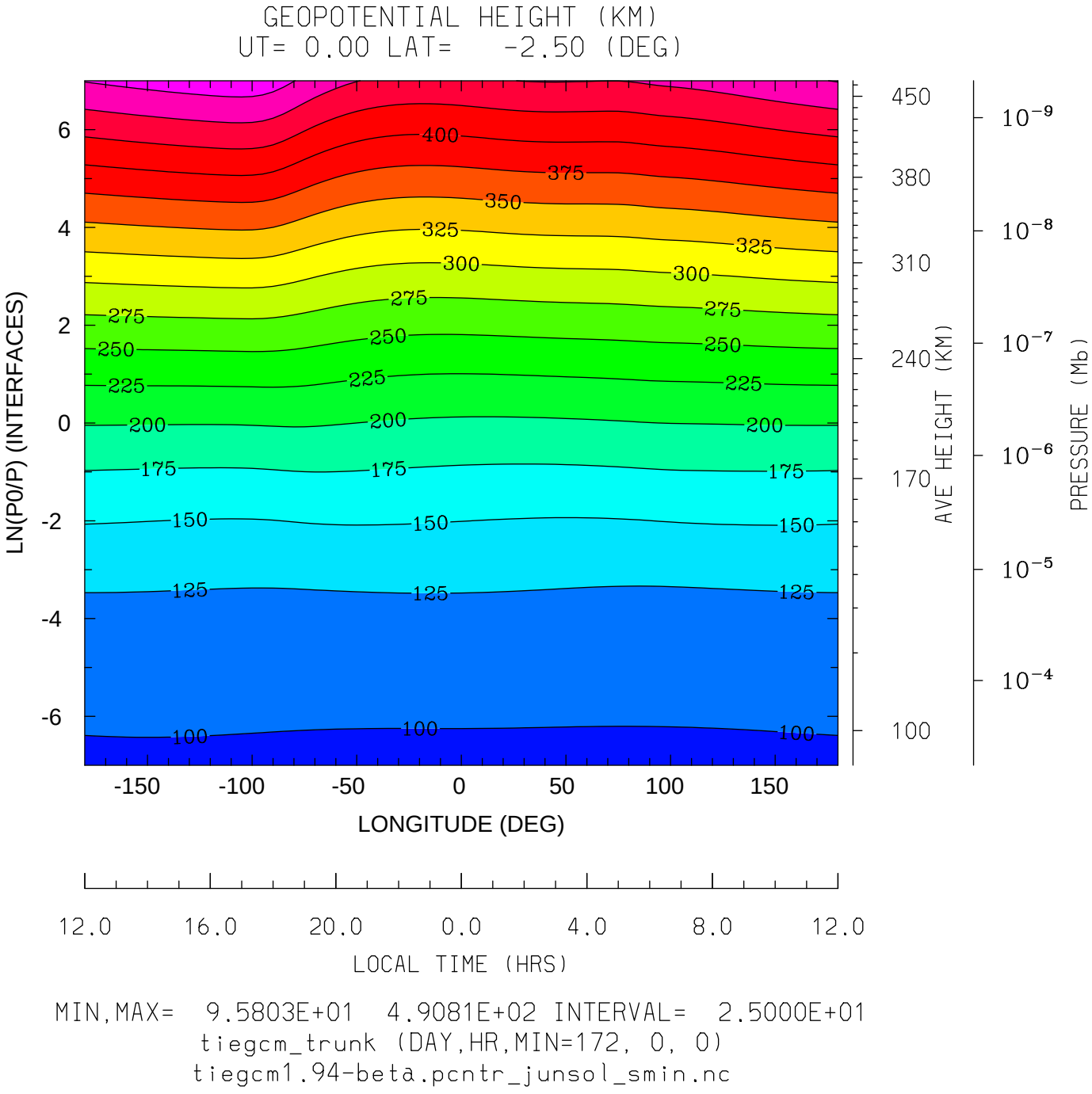
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 9.6020E+01 4.7801E+02 INTERVAL= 2.5000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

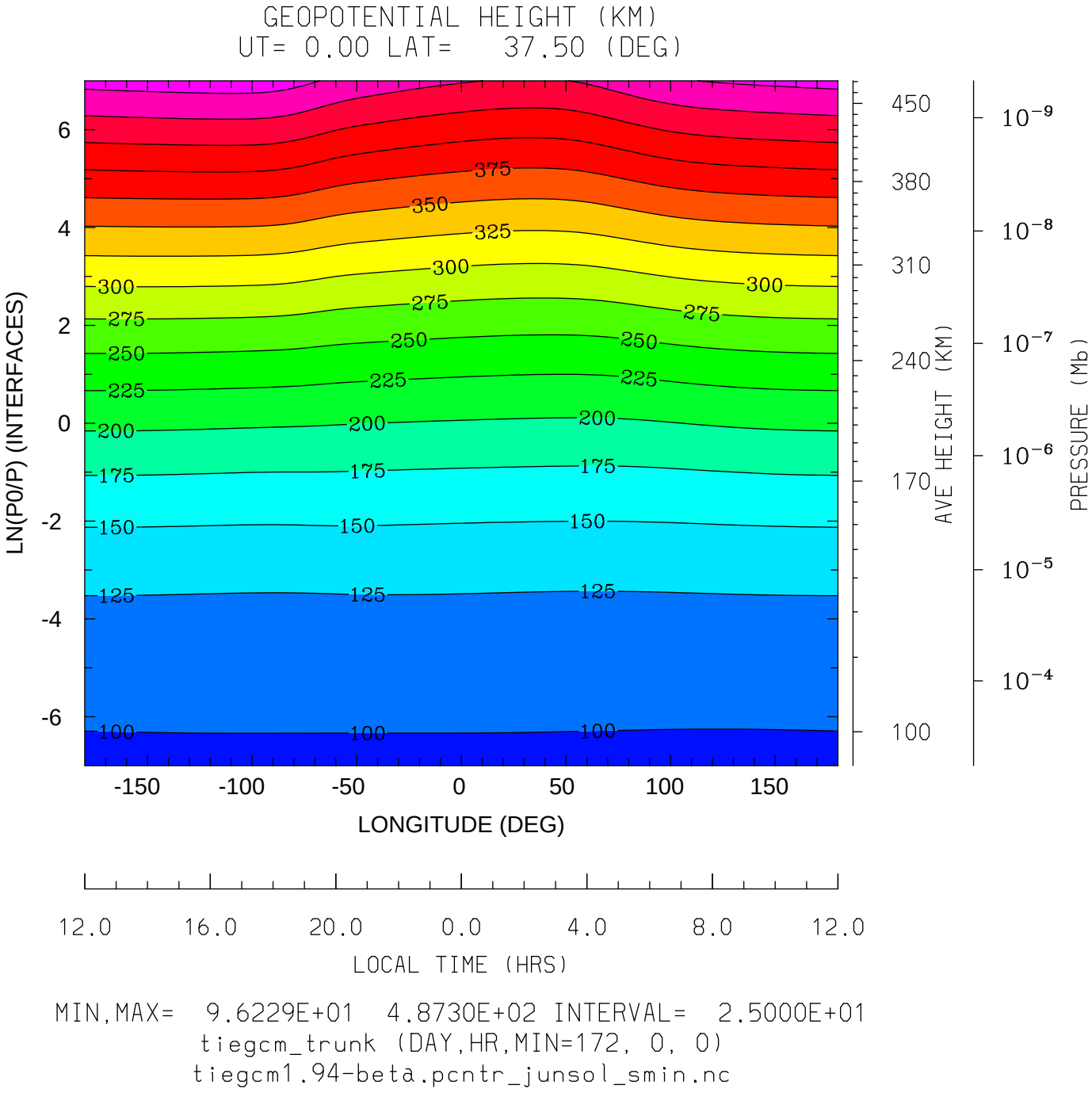
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 9.5803E+01 4.9081E+02 INTERVAL= 2.5000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

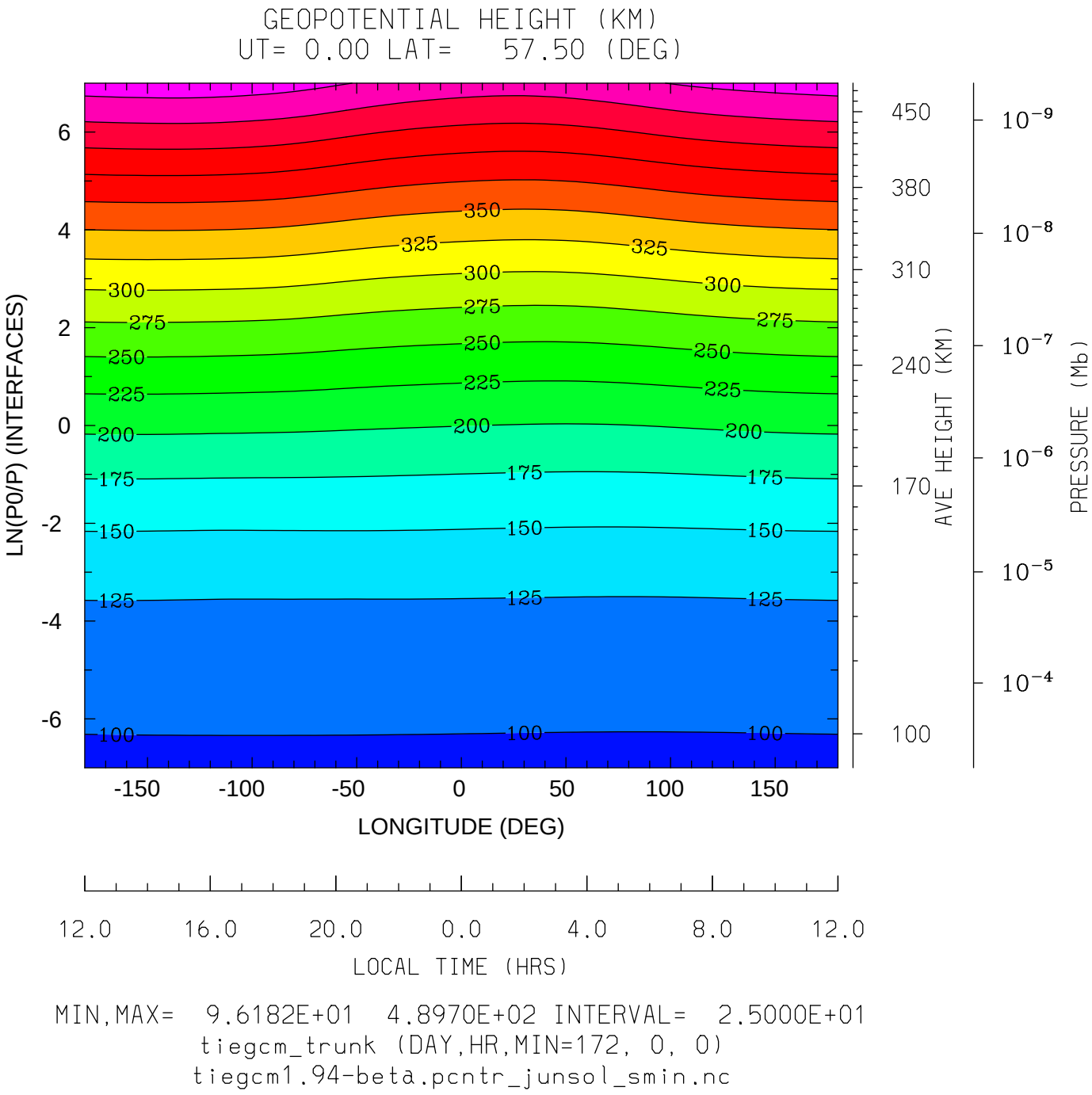
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 9.6229E+01 4.8730E+02 INTERVAL= 2.5000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

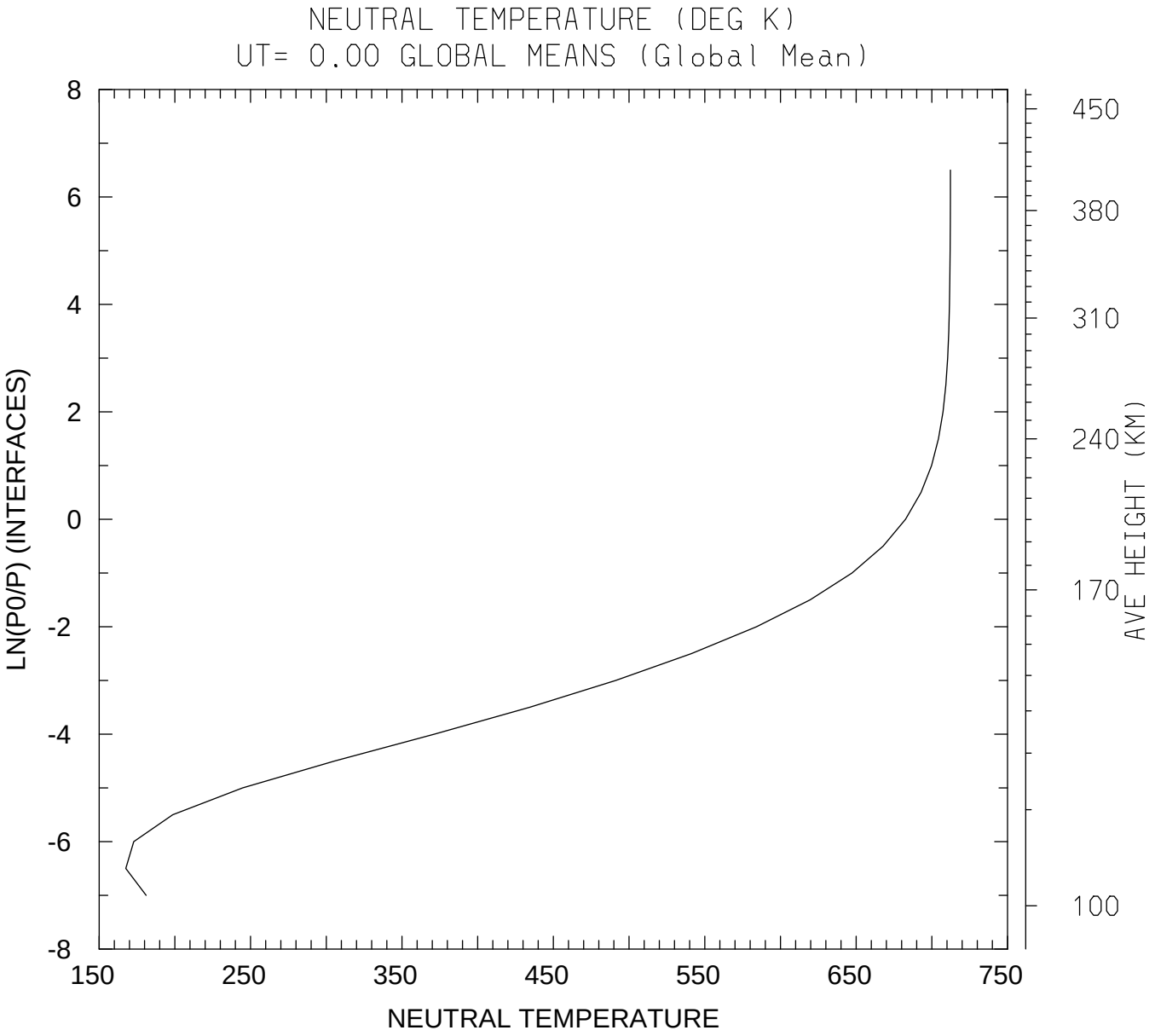
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 9.6182E+01 4.8970E+02 INTERVAL= 2.5000E+01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

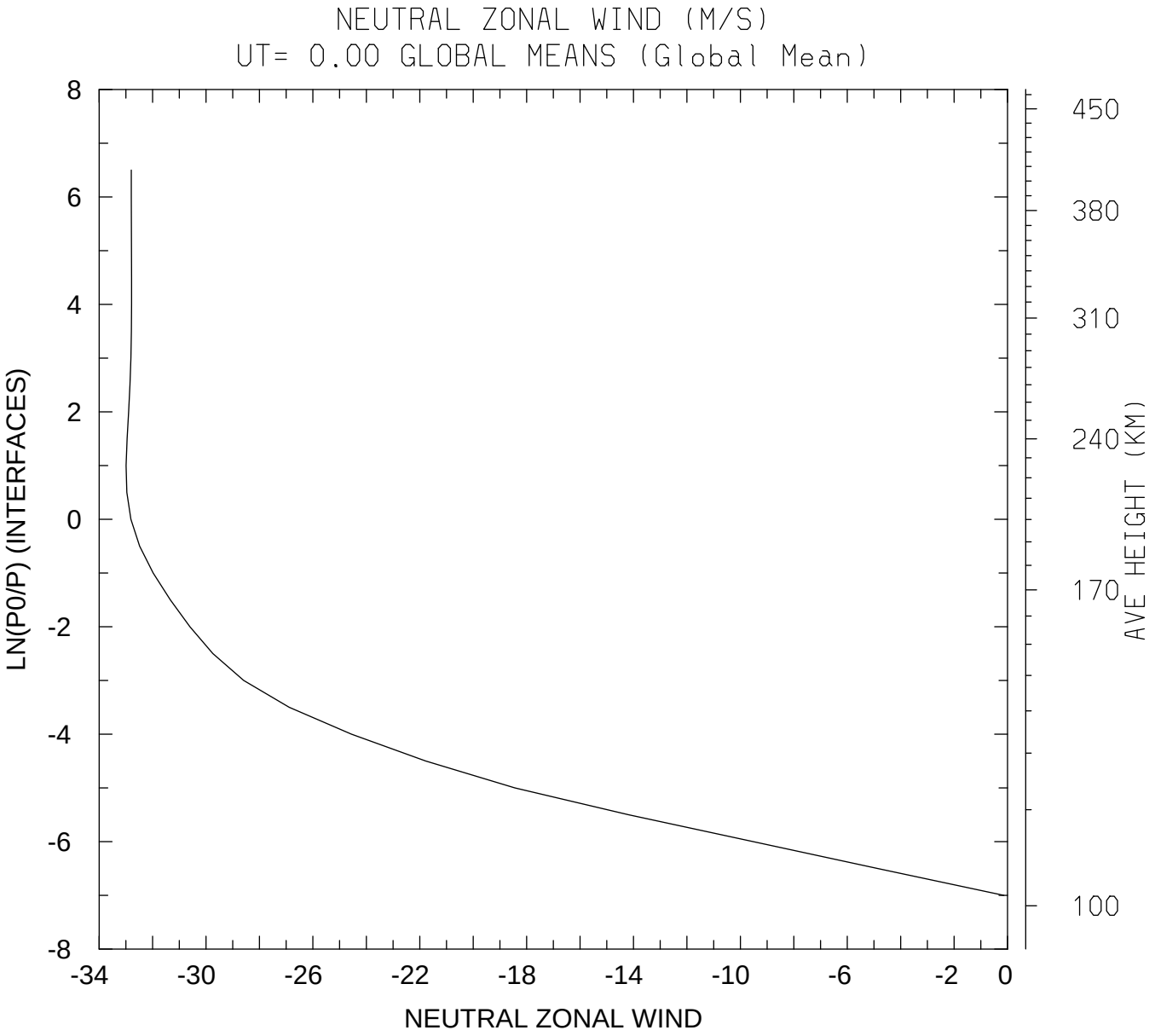
tiegcm1.94-beta.pcntr_junsol_smin.nc



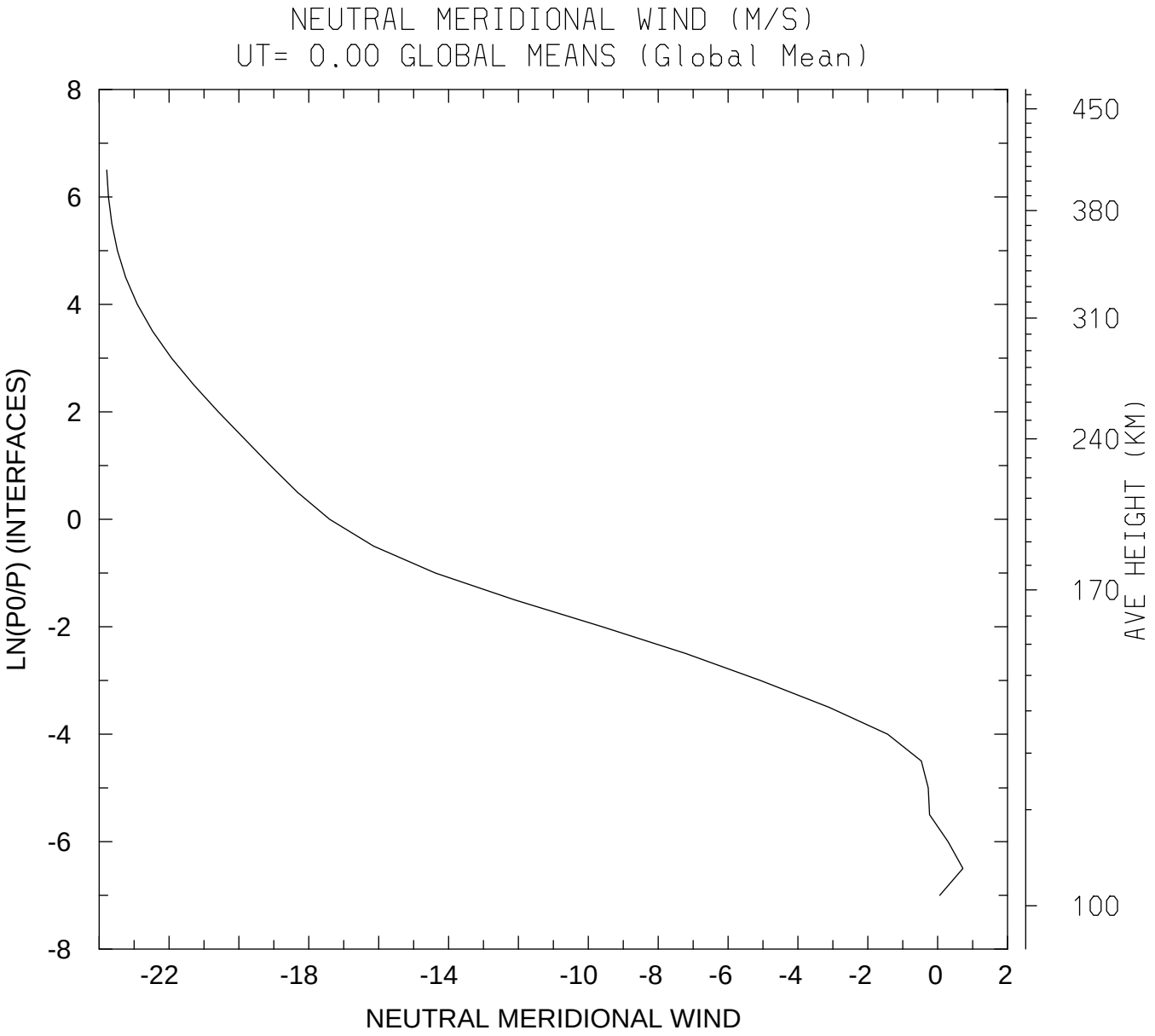
MIN,MAX= 1.6758E+02 7.1229E+02

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc



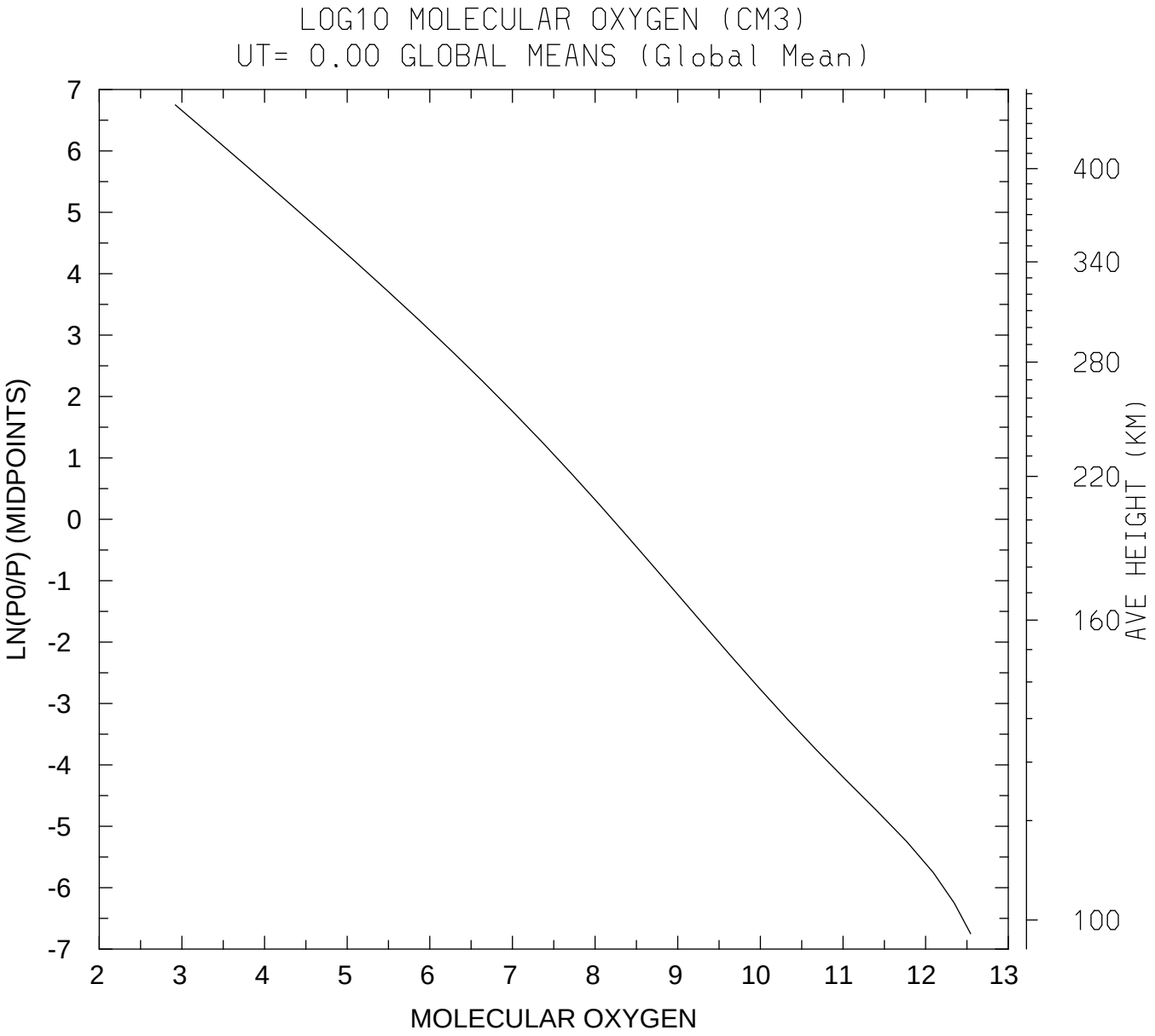
MIN,MAX= -3.2991E+01 -1.3813E-01
tiegcm_trunk (DAY,HR,MIN=172, 0, 0)
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= -2.3783E+01 7.2120E-01

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

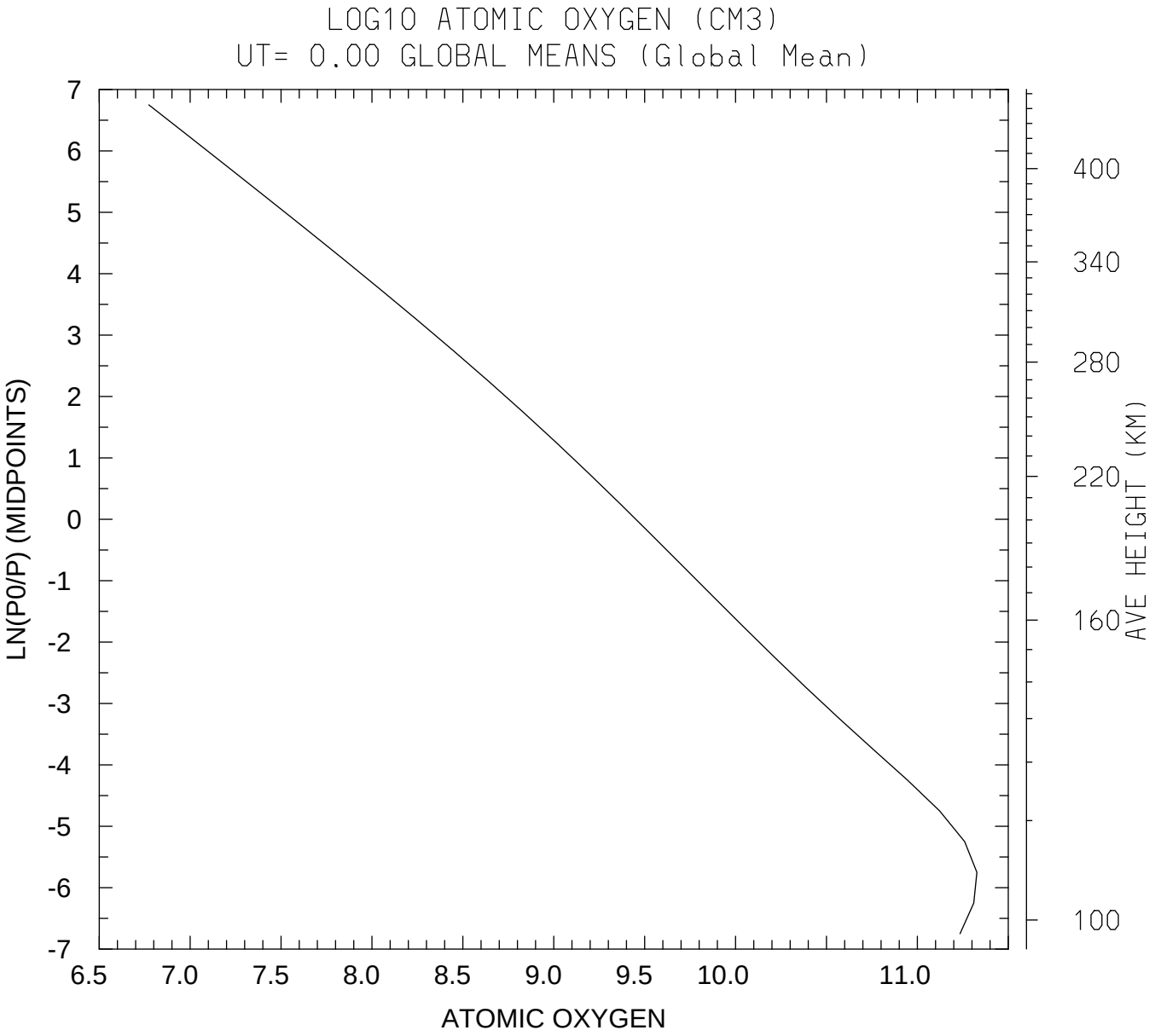
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 8.3289E+02 3.4981E+12

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

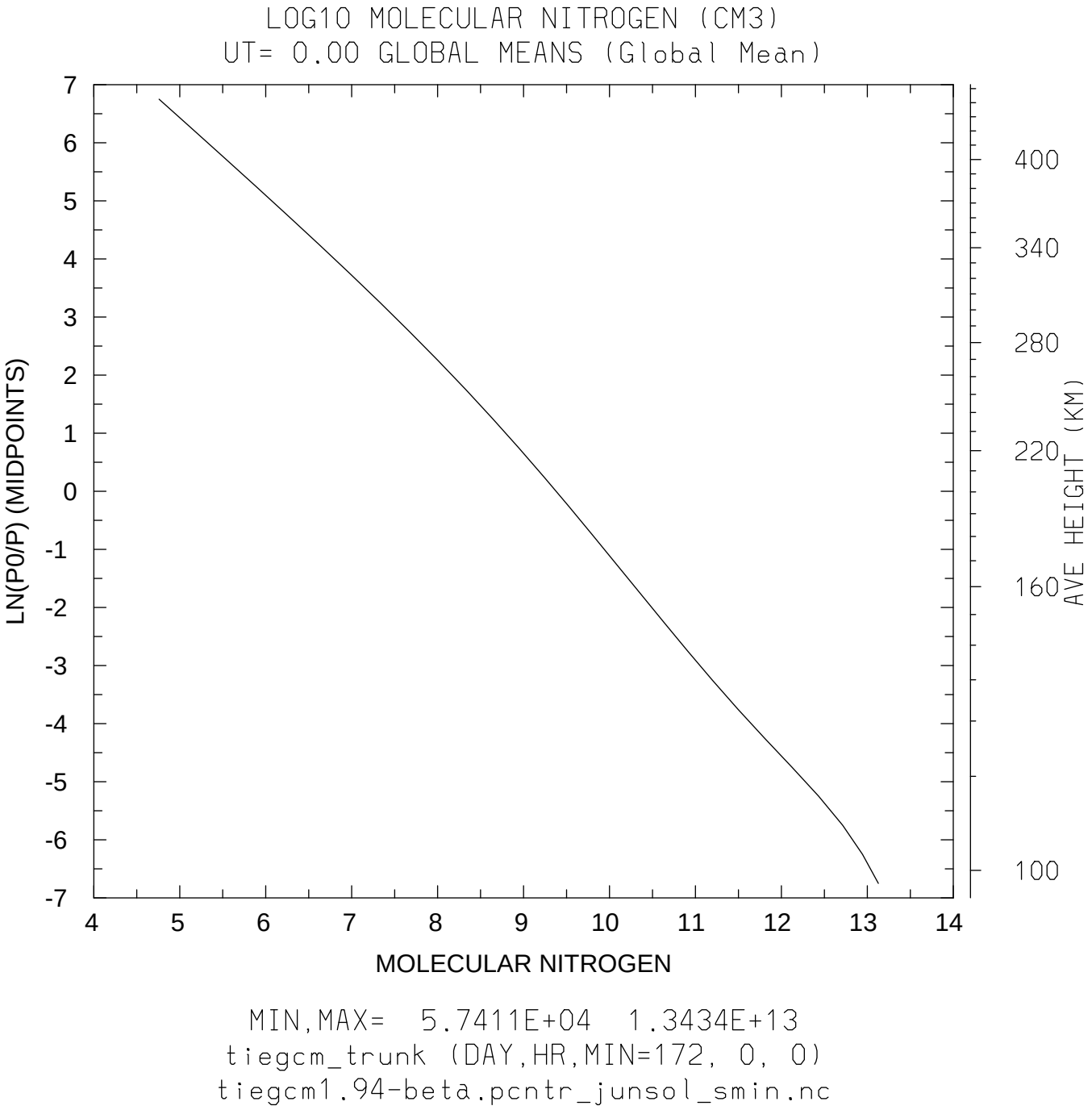
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 5.9281E+06 2.1233E+11

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

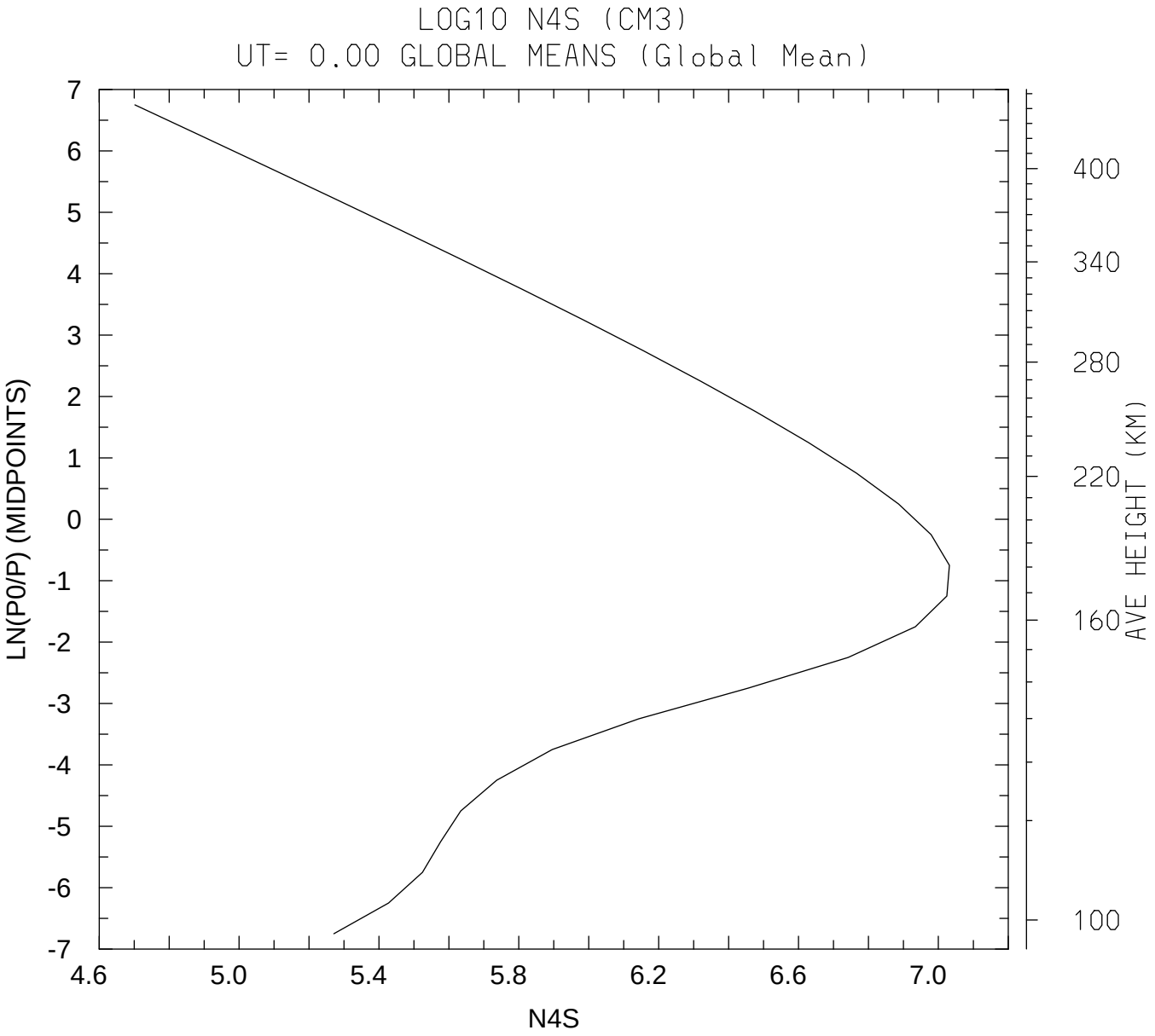
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 5.7411E+04 1.3434E+13

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

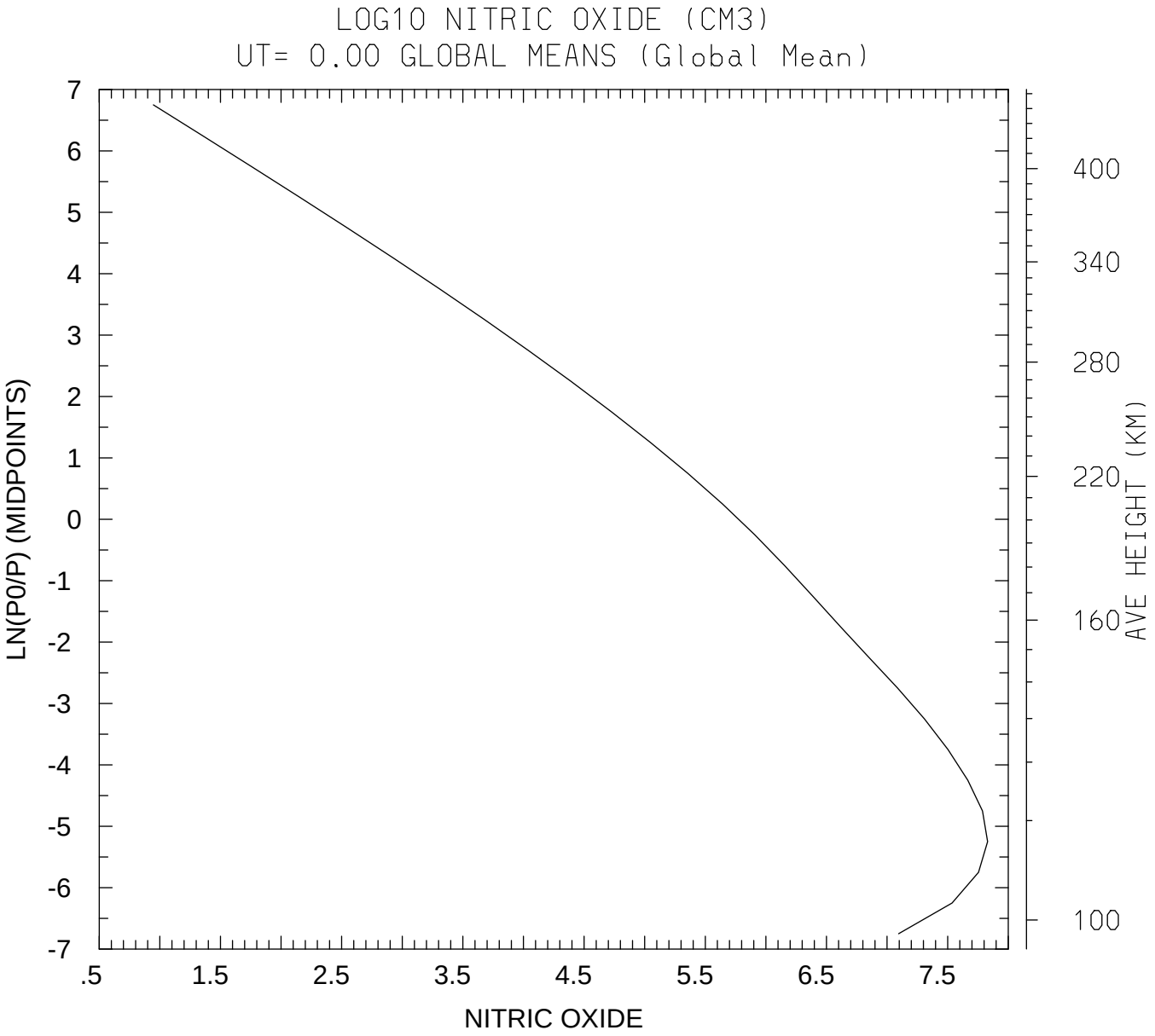
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 5.0333E+04 1.0754E+07

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

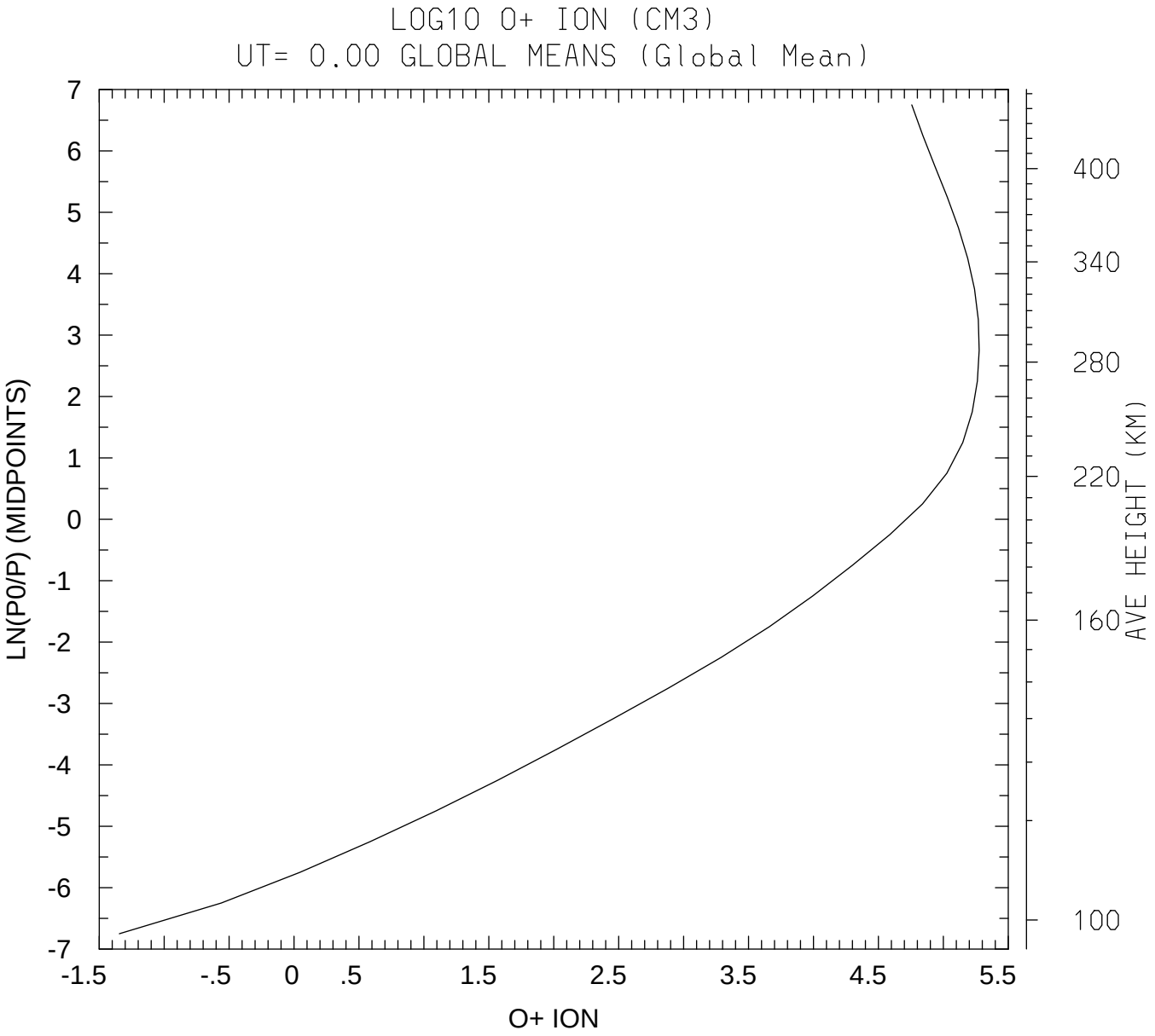
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 8.8457E+00 6.7476E+07

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

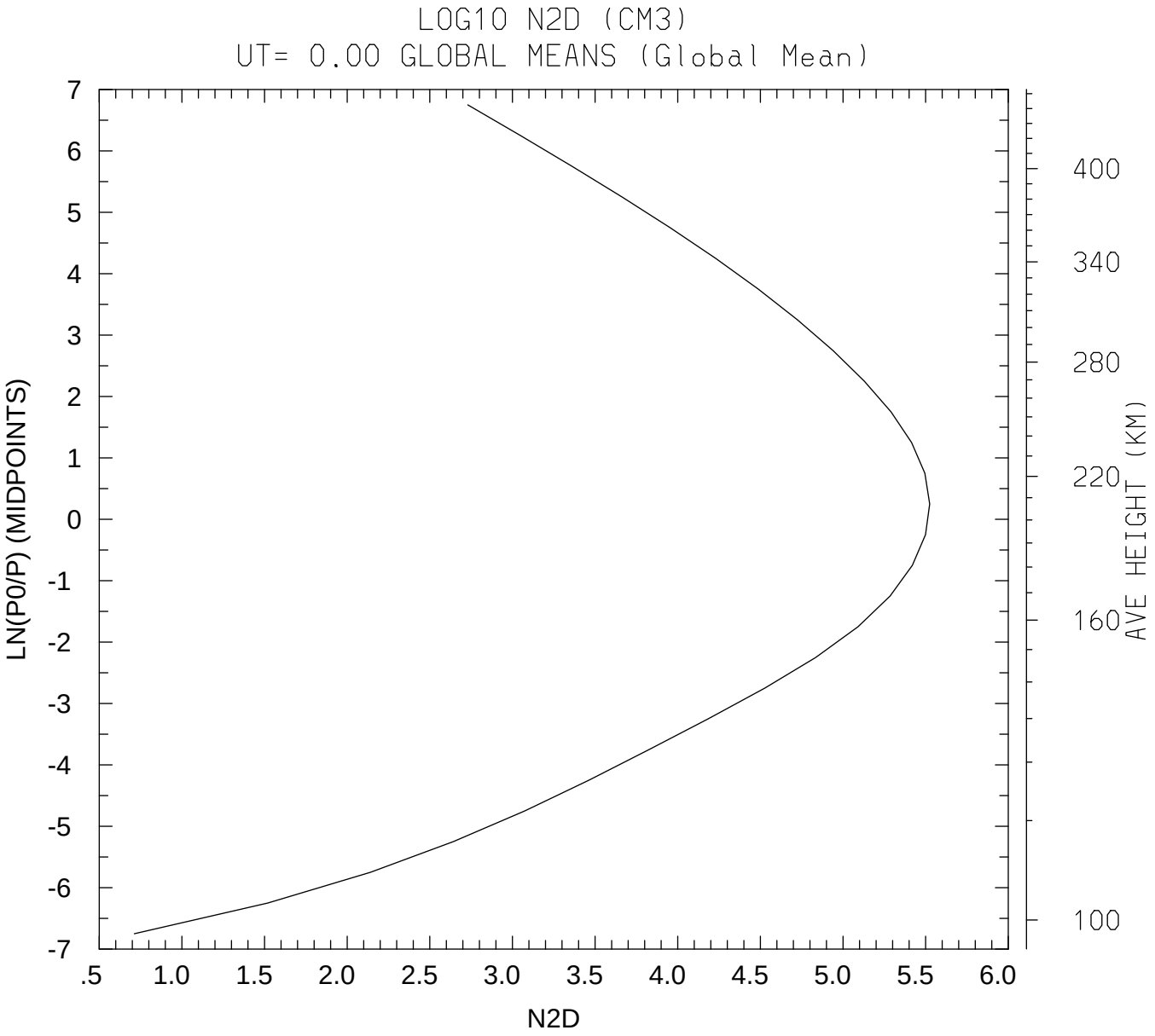
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 4.5120E-02 1.8870E+05

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

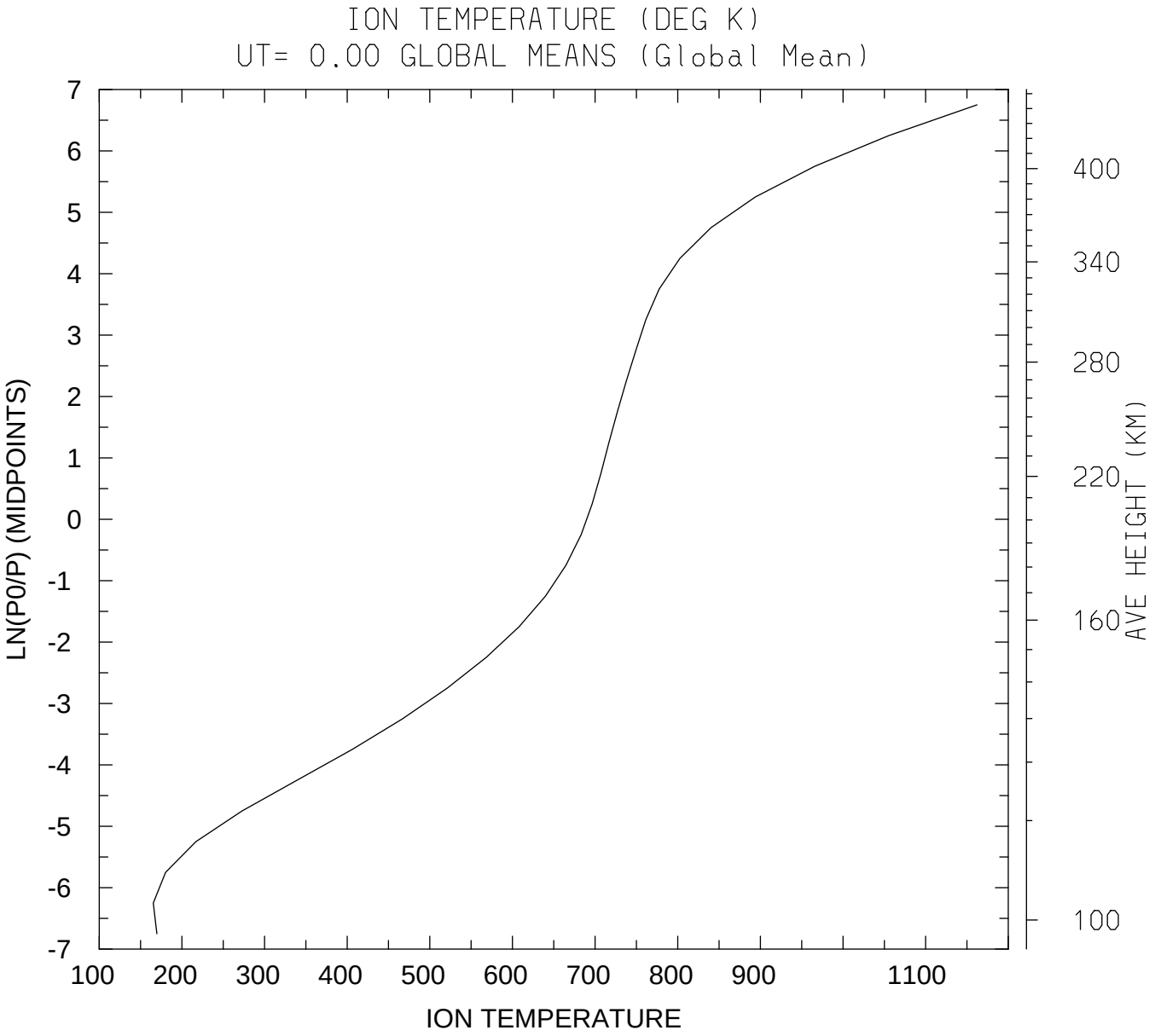
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 5.1575E+00 3.3438E+05

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

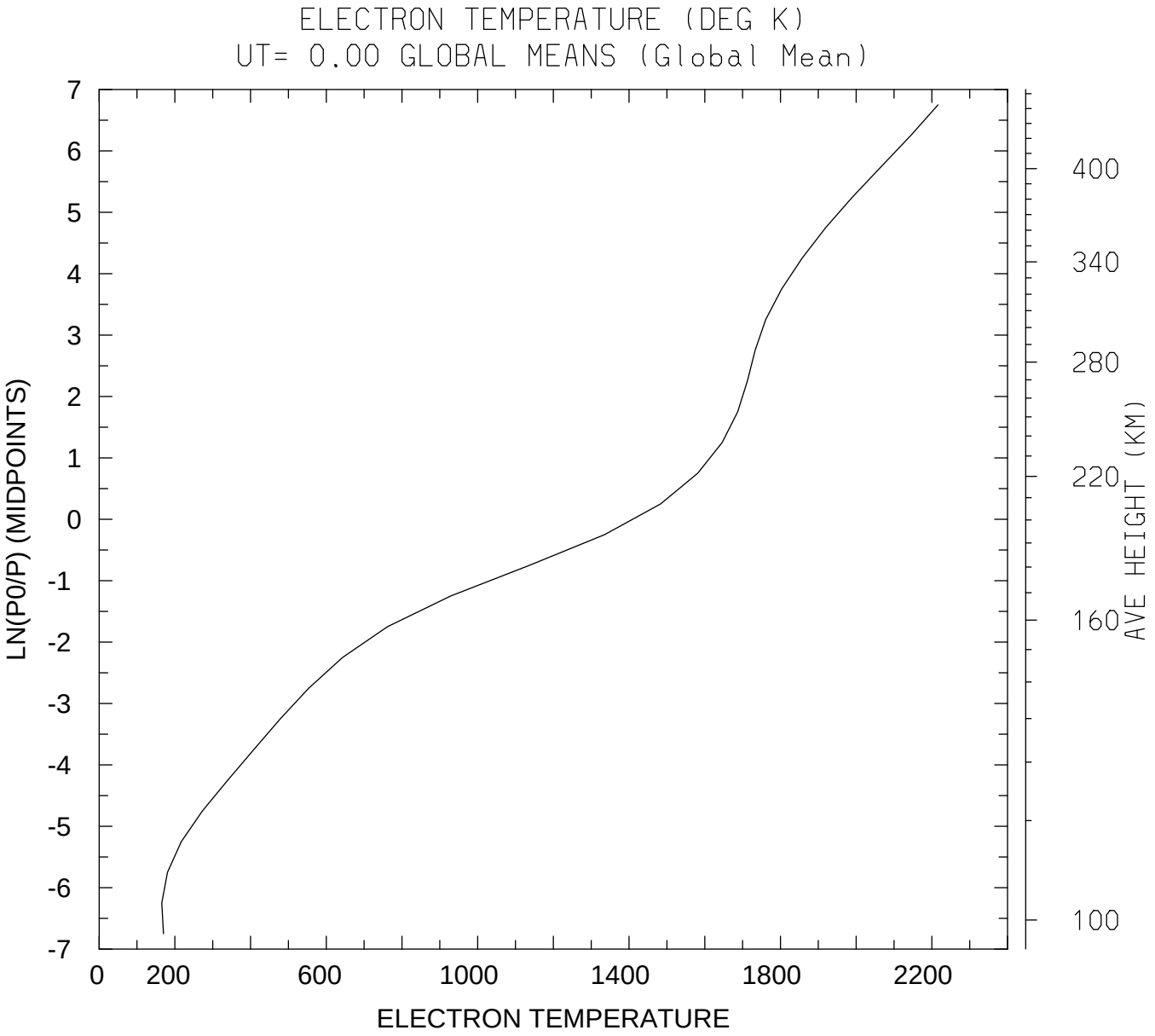
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.6538E+02 1.1621E+03

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

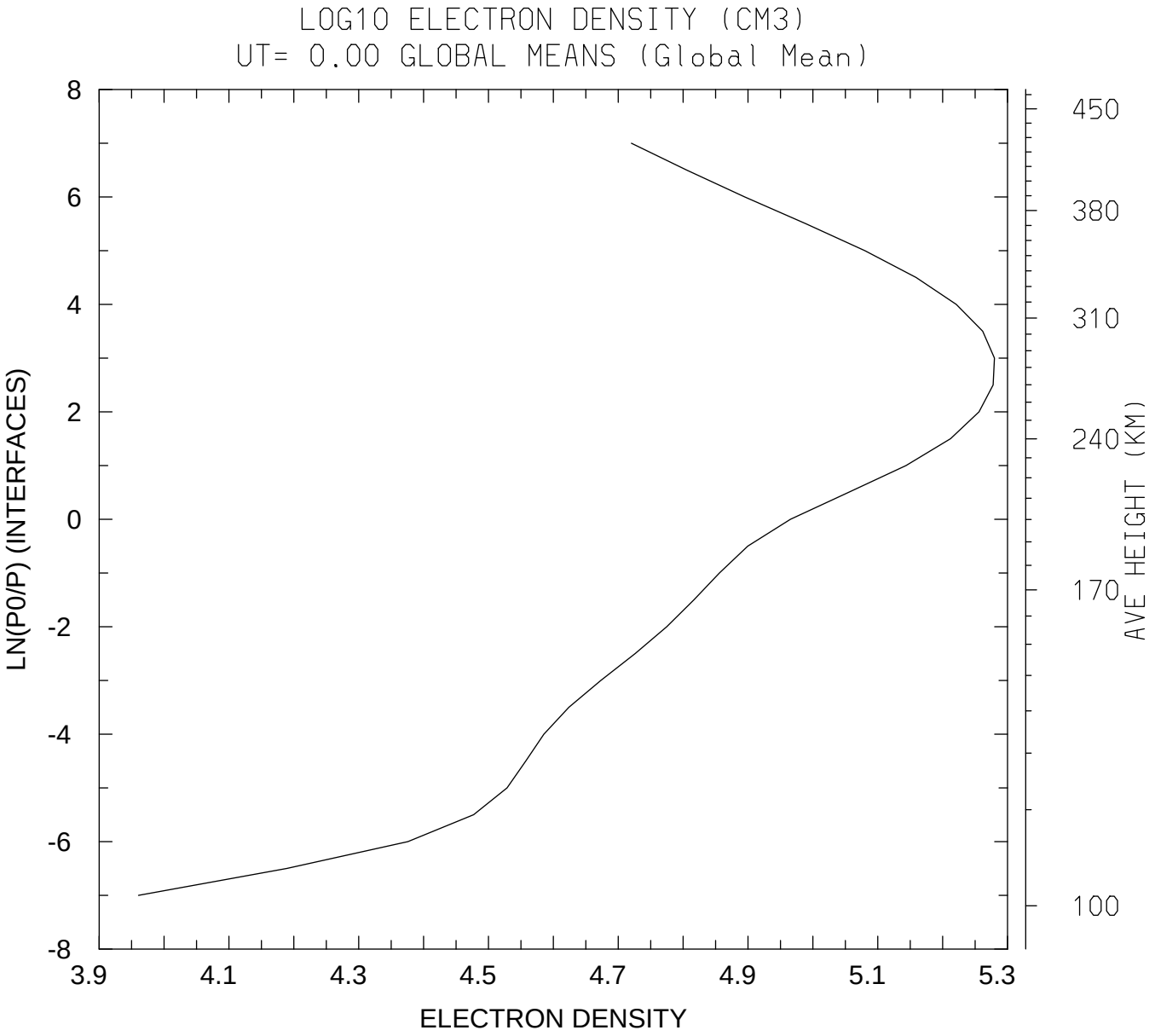
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.6543E+02 2.2164E+03

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

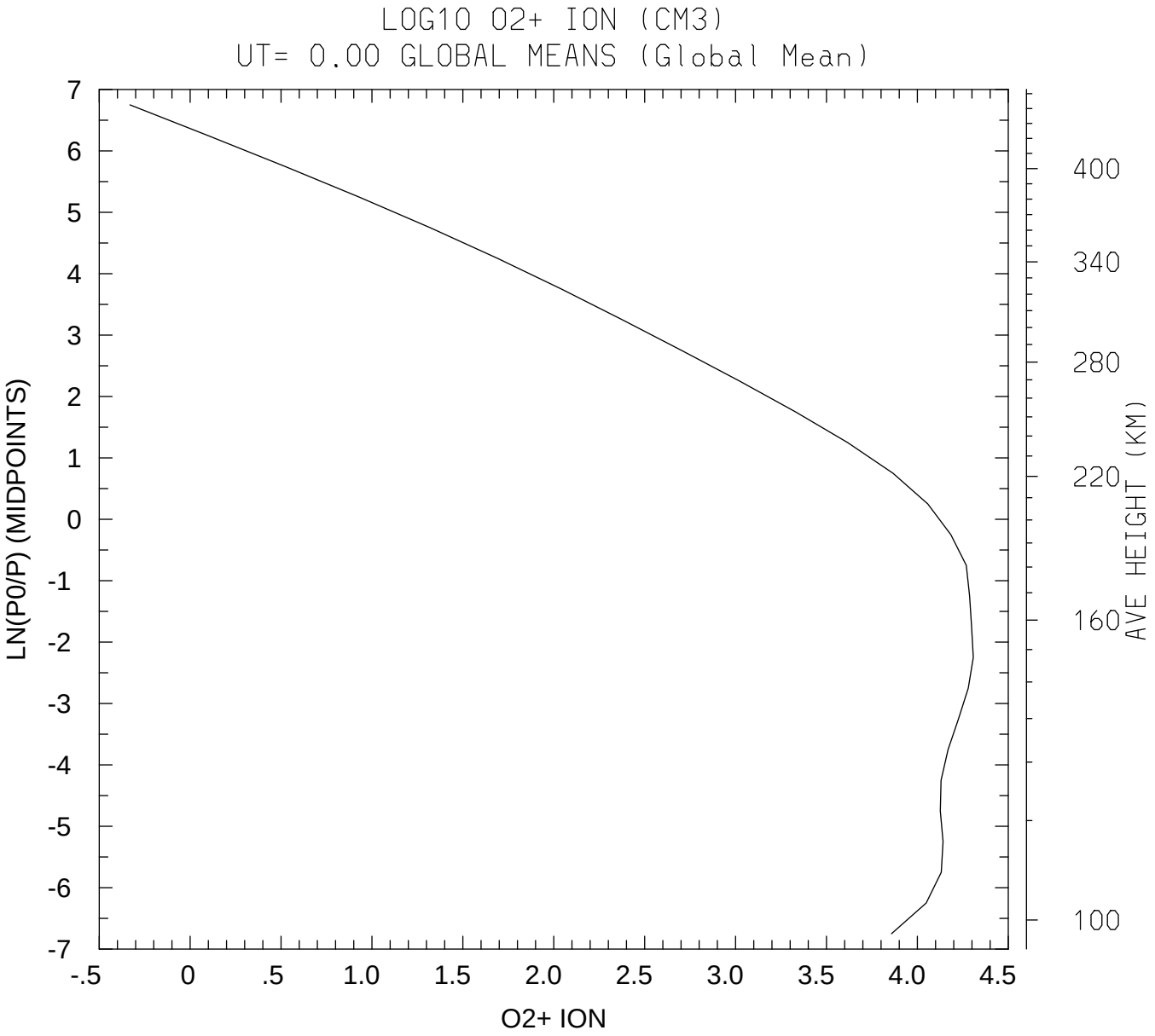
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 9.1339E+03 1.9049E+05

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

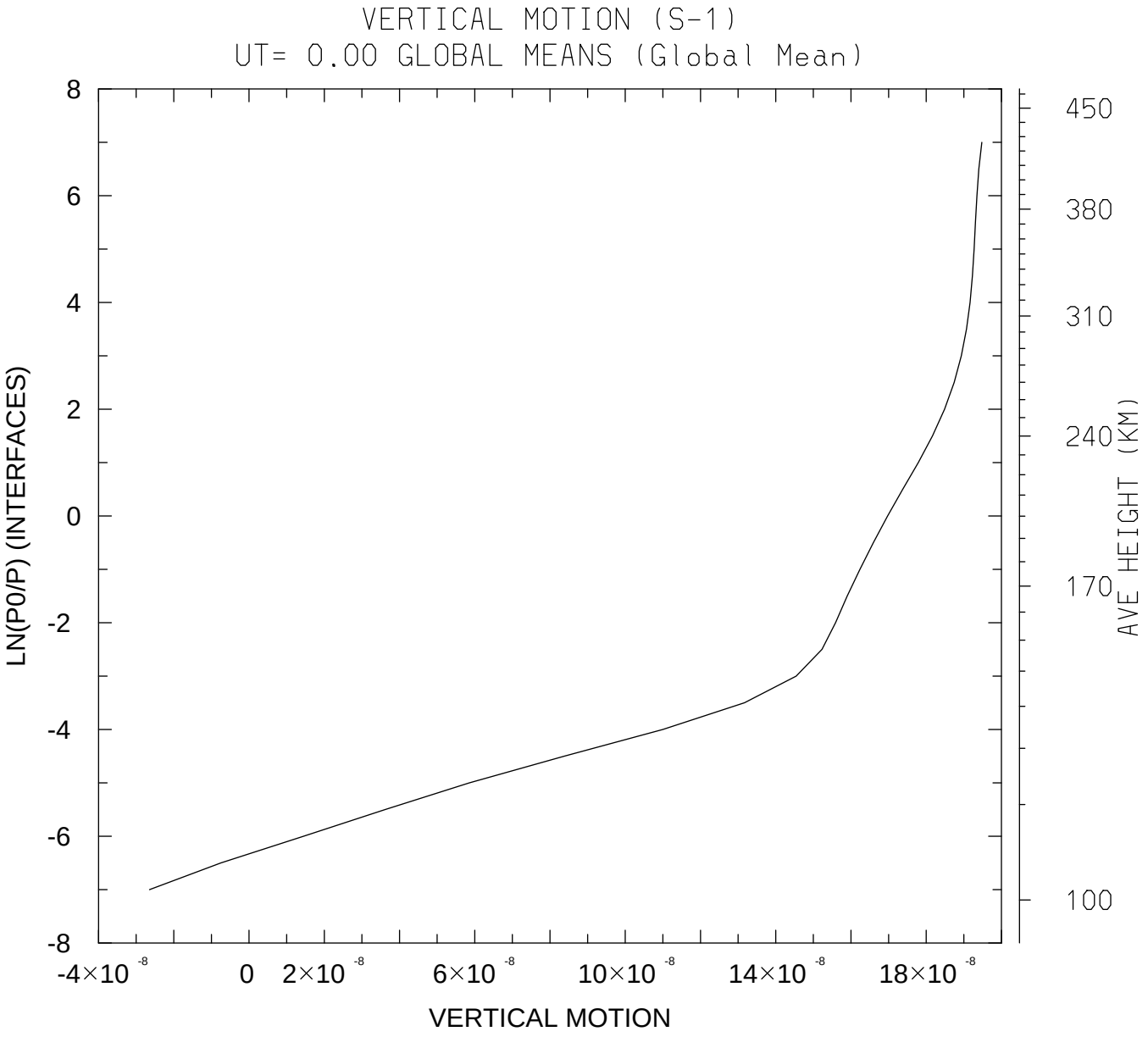
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 4.6647E-01 2.0300E+04

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

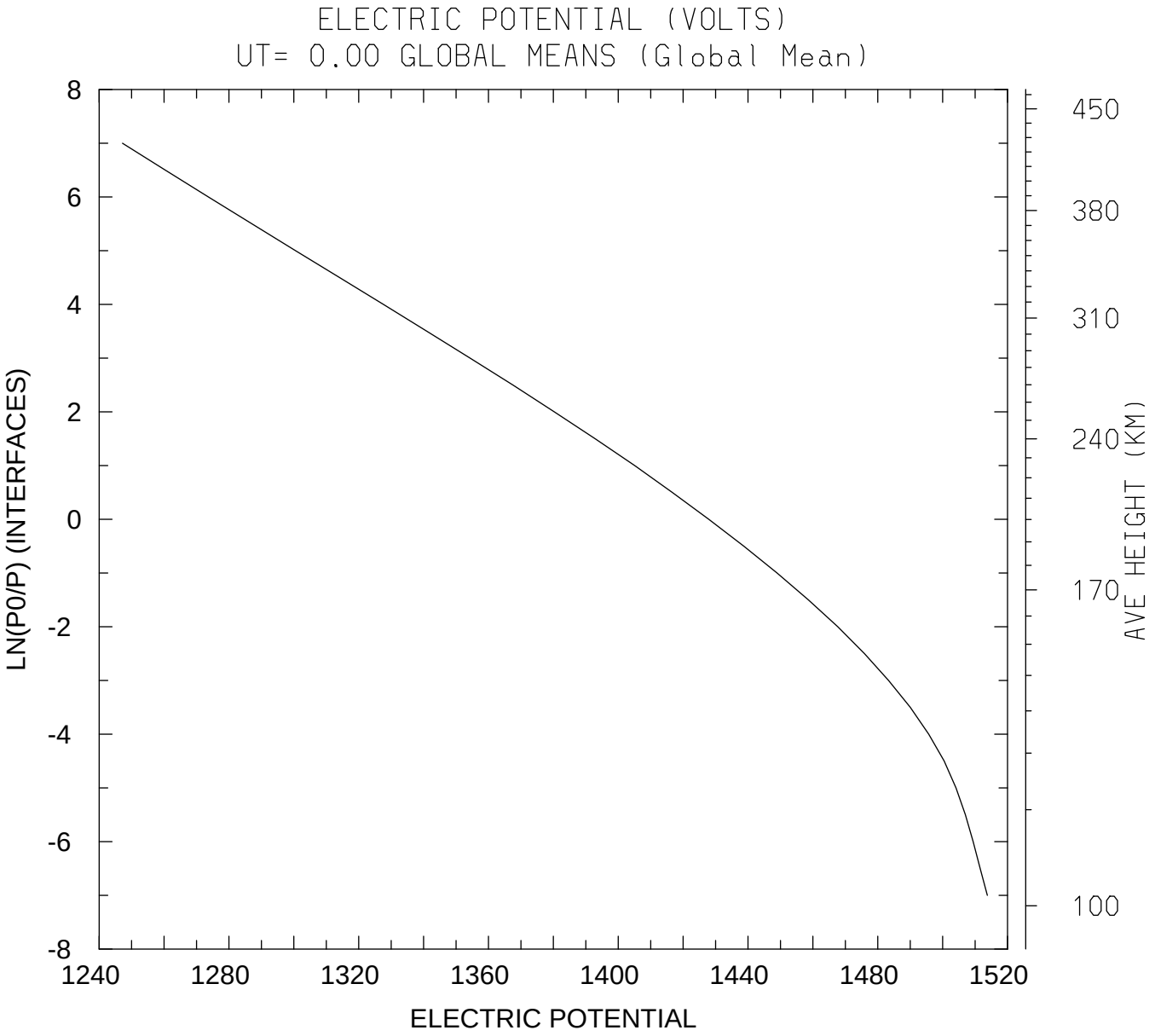
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= -2.6466E-08 1.9478E-07

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

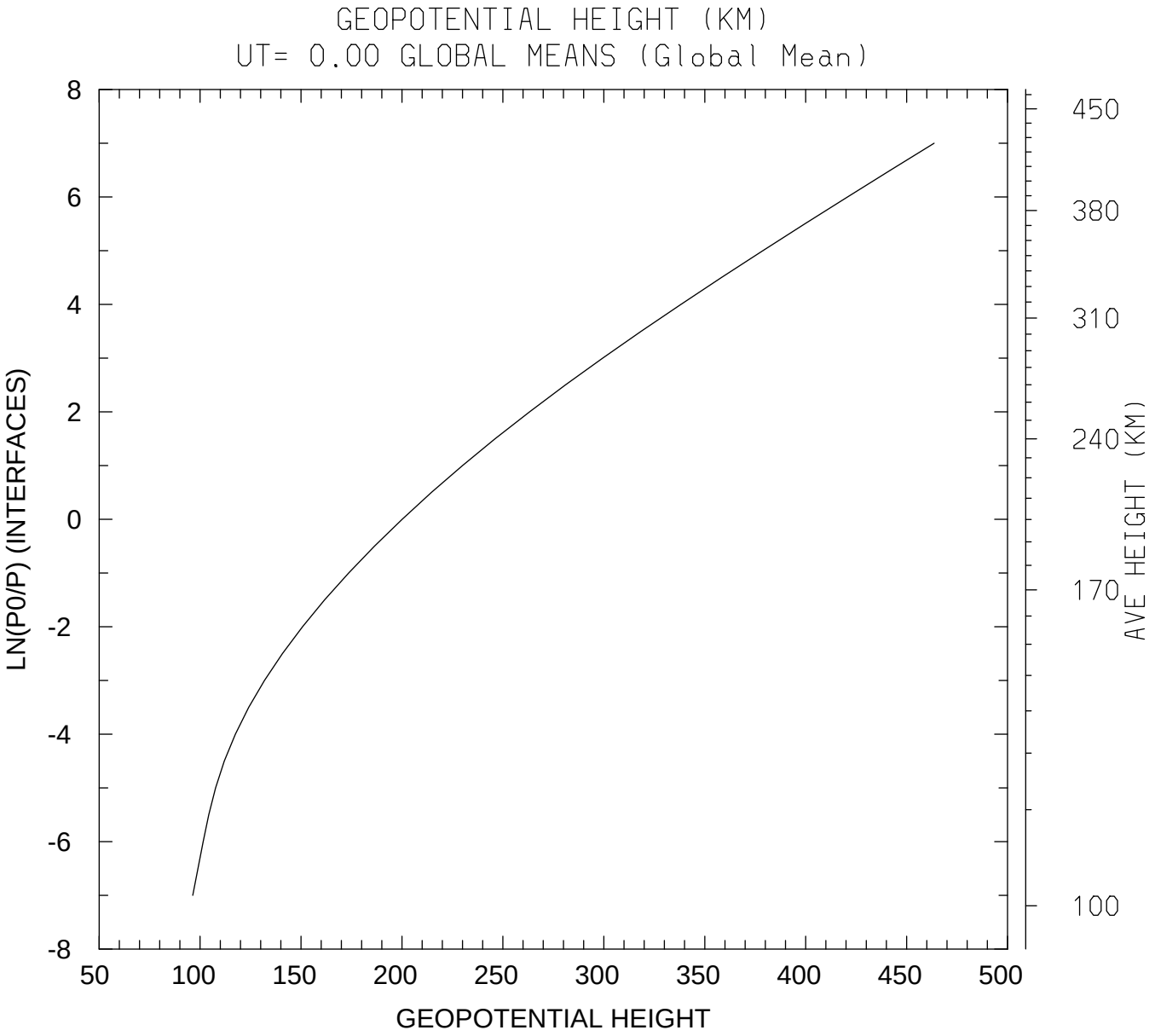
tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 1.2472E+03 1.5138E+03

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc



MIN,MAX= 9.6373E+01 4.6364E+02

tiegcm_trunk (DAY,HR,MIN=172, 0, 0)

tiegcm1.94-beta.pcntr_junsol_smin.nc