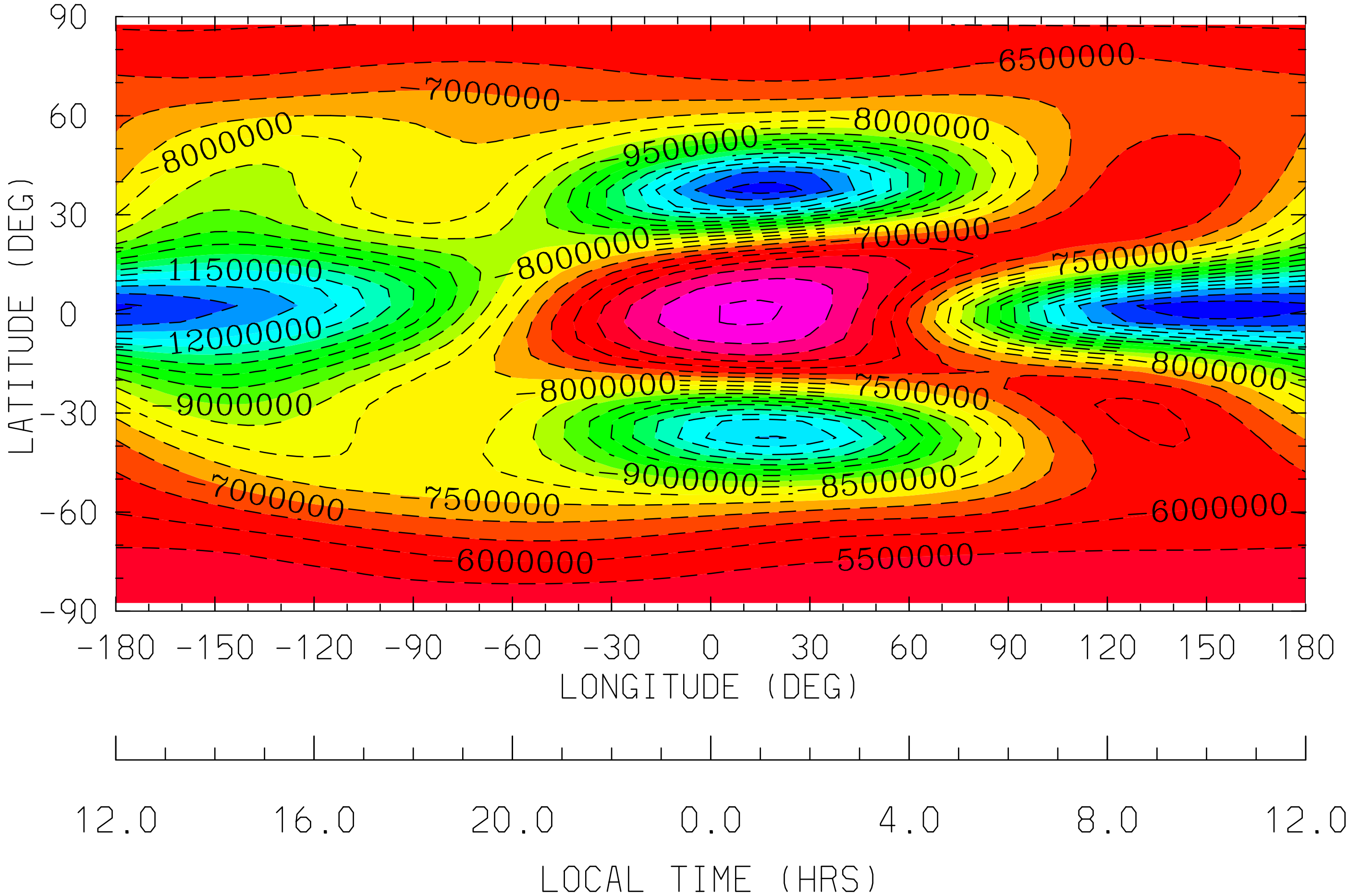
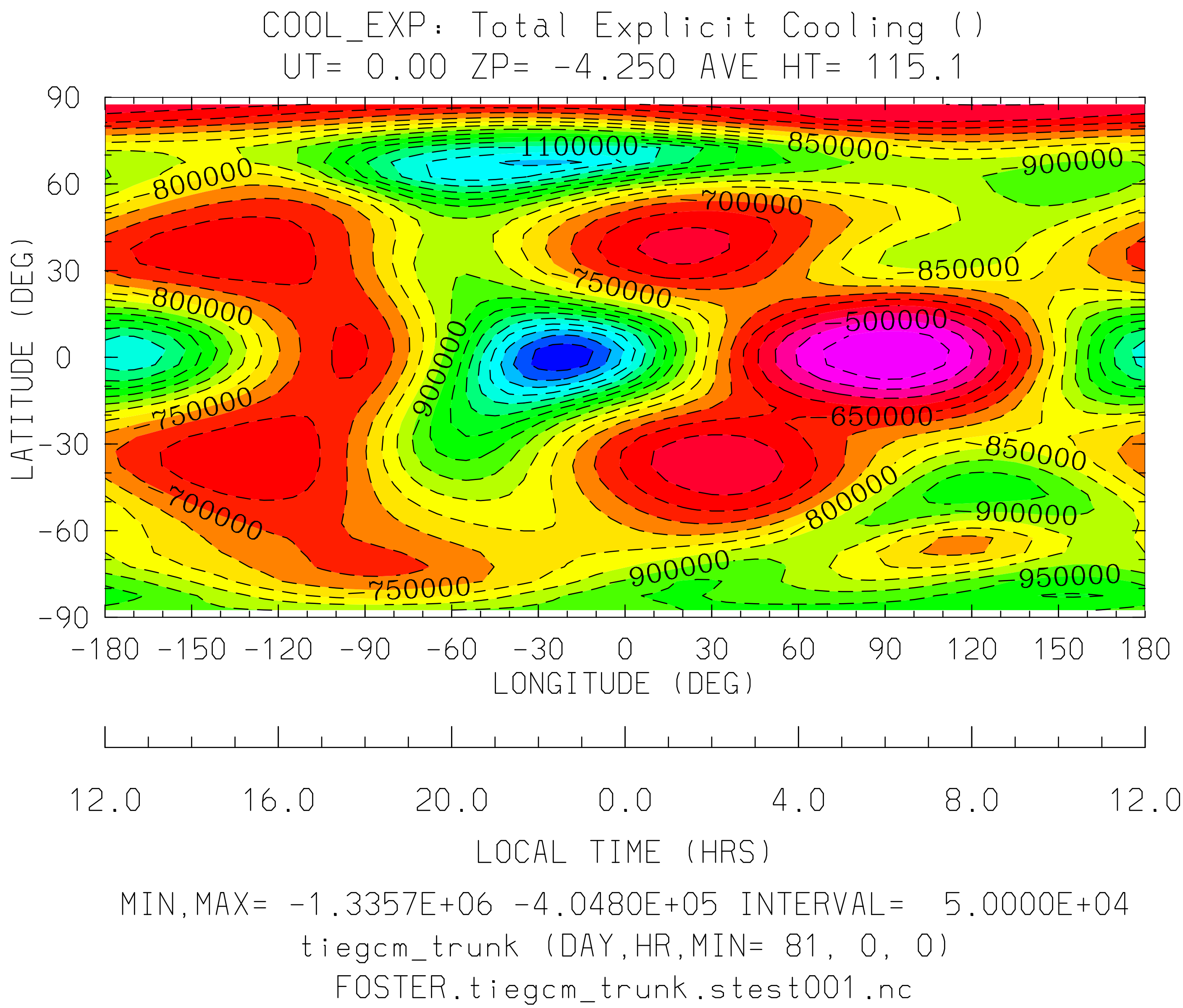
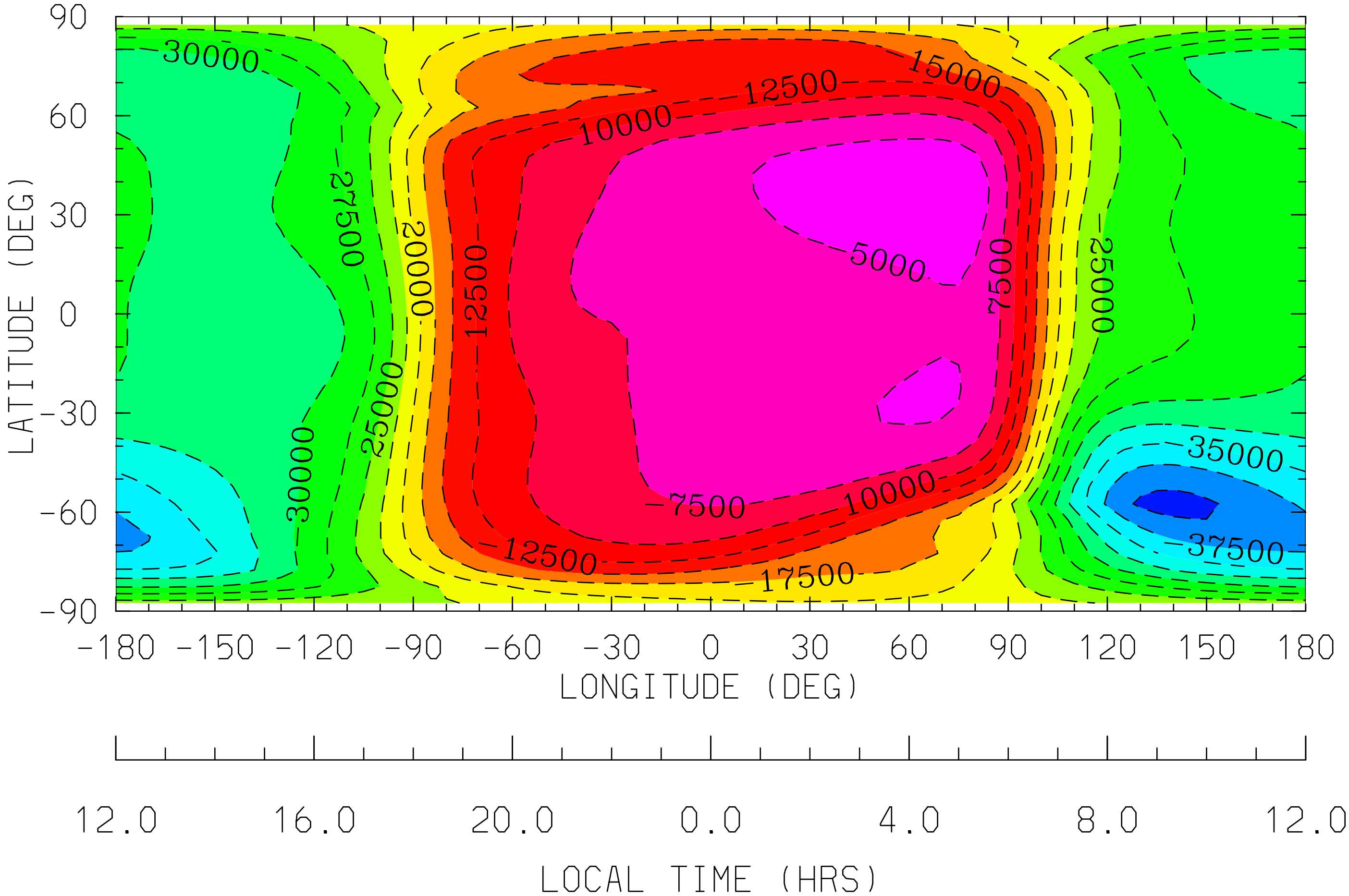
COOL_EXP: Total Explicit Cooling ()
UT= 0.00 ZP= -6.750 AVE HT= 97.7



MIN,MAX= -1.3851E+07 -3.9224E+06 INTERVAL= 5.0000E+05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

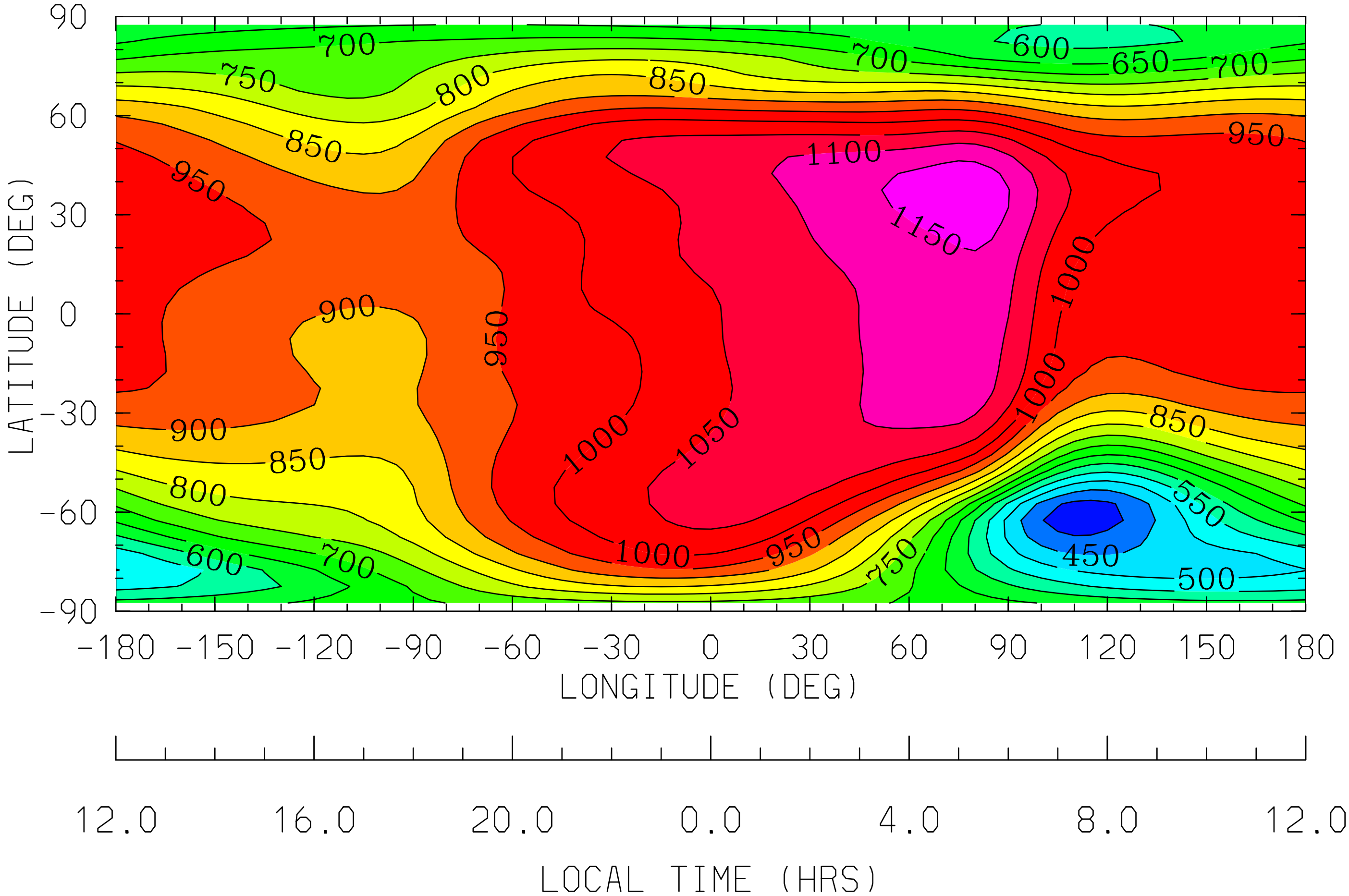

COOL_EXP: Total Explicit Cooling ()
UT= 0.00 ZP= -4.250 AVE HT= 115.1
LATITUDE (DEG)
LONGITUDE (DEG)
LOCAL TIME (HRS)
1100000
850000
900000
800000
700000
750000
500000
650000
950000
MIN,MAX= -1.3357E+06 -4.0480E+05 INTERVAL= 5.0000E+04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

COOL_EXP: Total Explicit Cooling ()
UT= 0.00 ZP= -0.250 AVE HT= 209.5

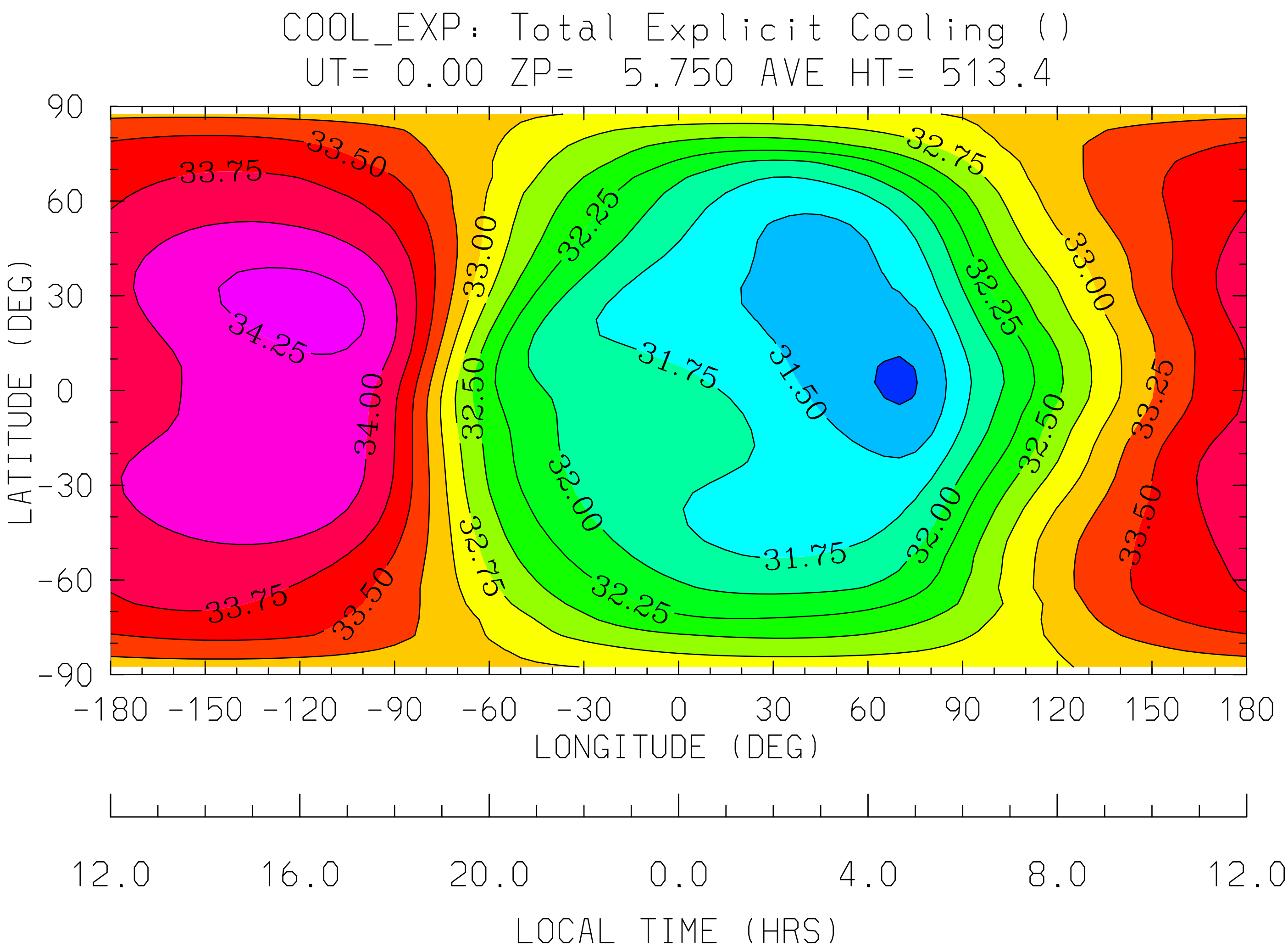


MIN,MAX= -4.1100E+04 -3.1040E+03 INTERVAL= 2.5000E+03
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

COOL_EXP: Total Explicit Cooling ()
UT= 0.00 ZP= 1.750 AVE HT= 294.3



MIN,MAX= 3.6898E+02 1.1854E+03 INTERVAL= 5.0000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

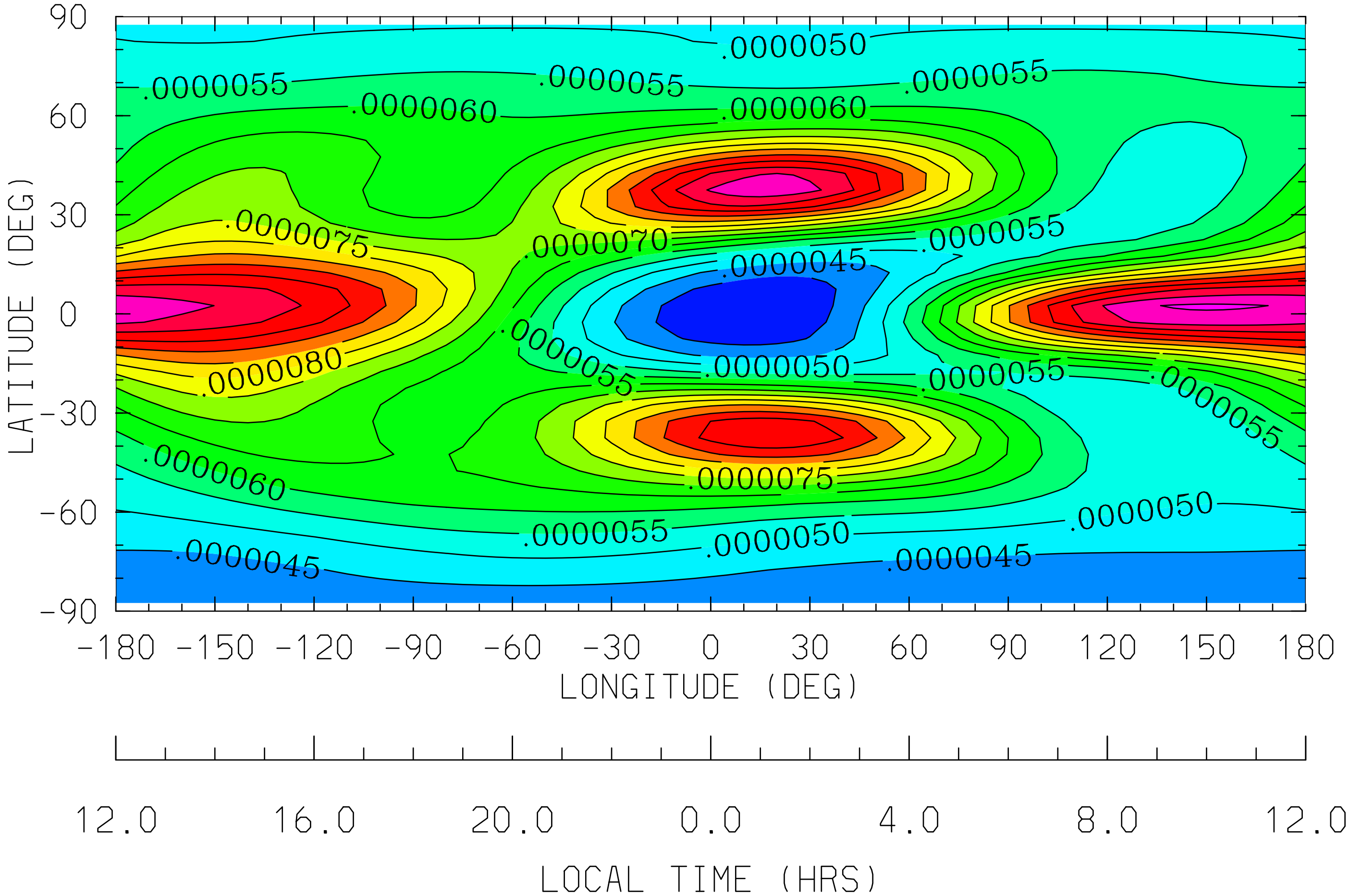


MIN,MAX= 3.1208E+01 3.4349E+01 INTERVAL= 2.5000E-01

tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)

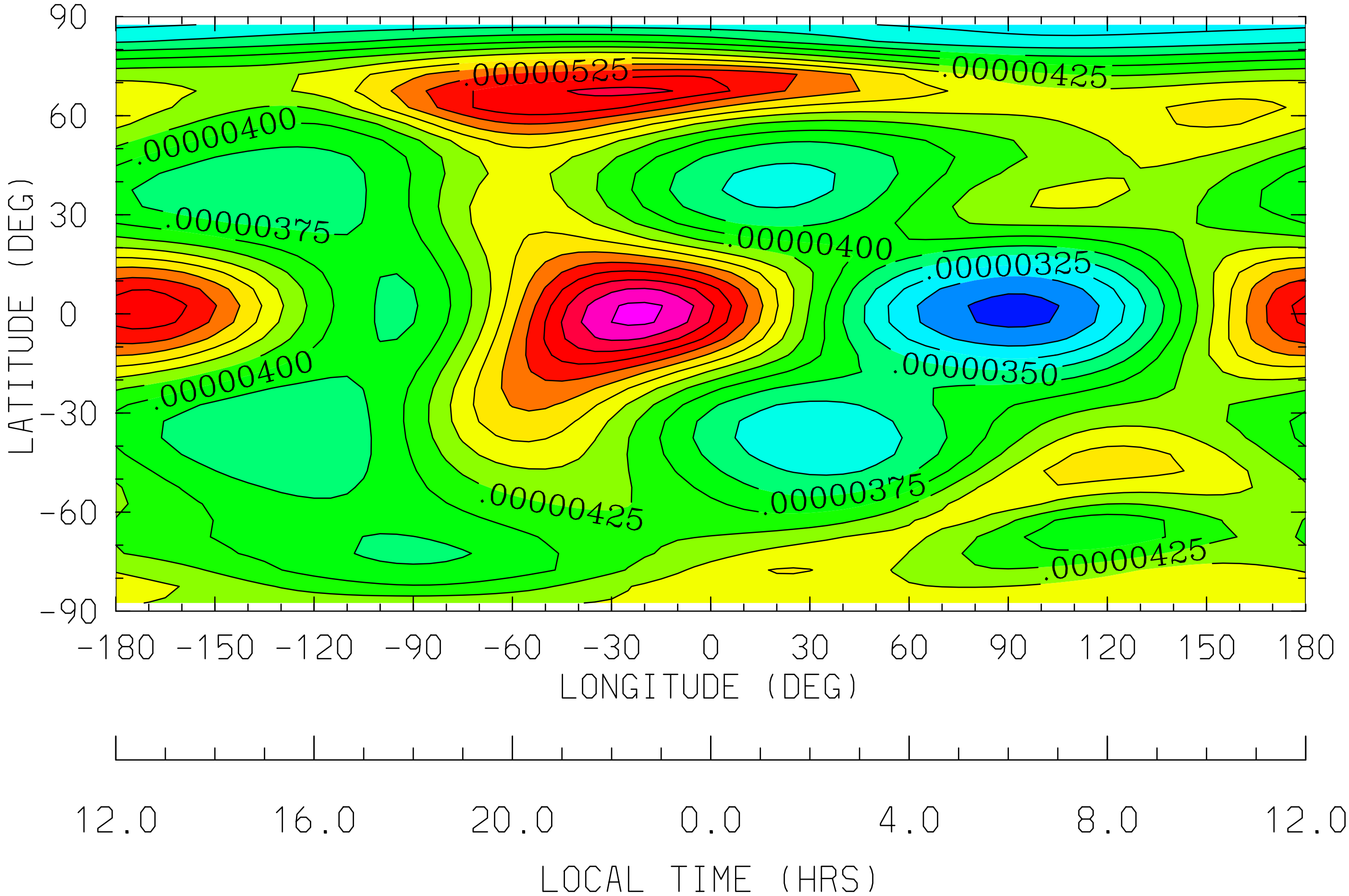
FOSTER.tiegcm_trunk.stest001.nc

COOL_IMP: Total Implicit Cooling ()
UT= 0.00 ZP= -6.750 AVE HT= 97.7



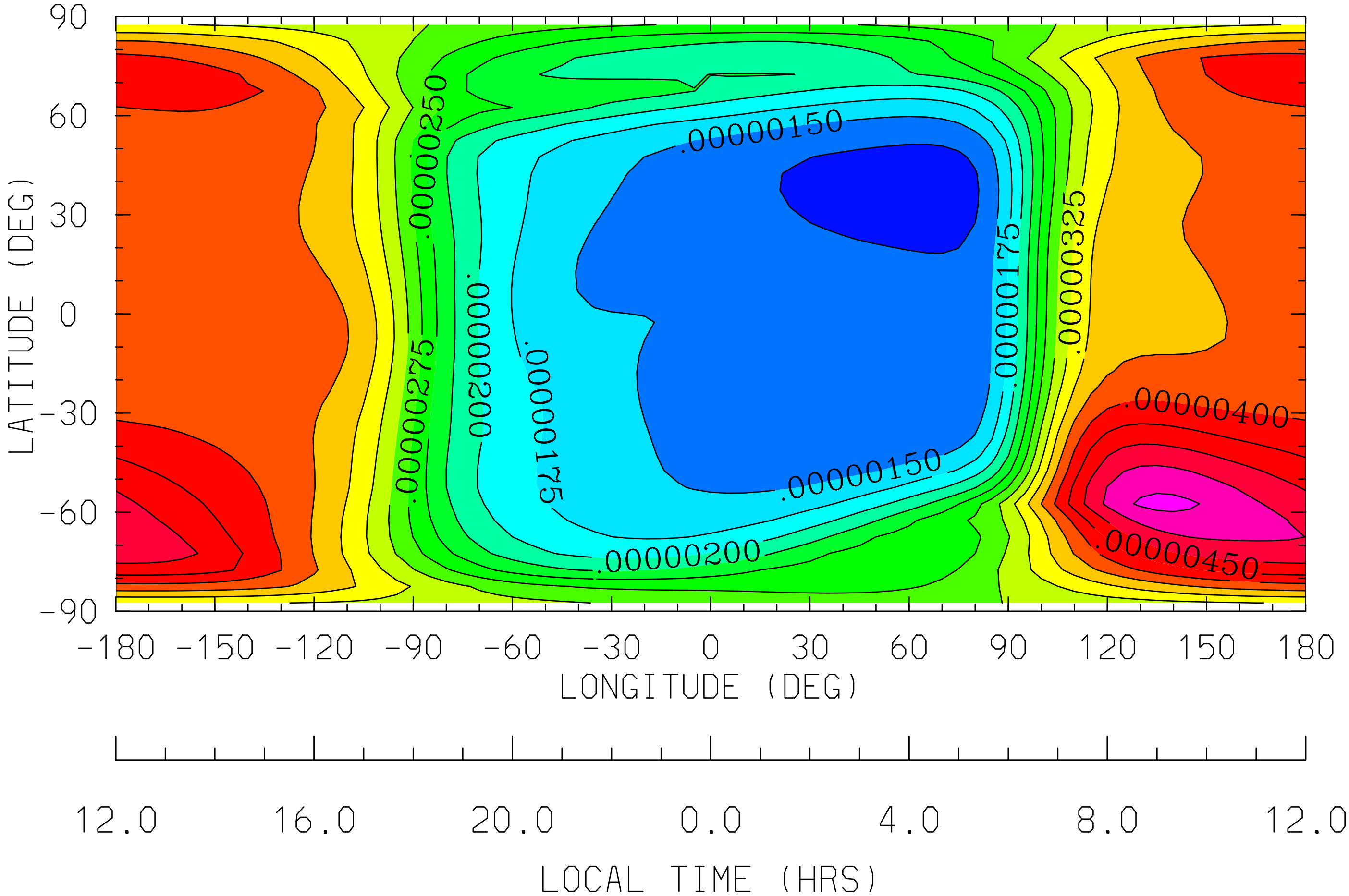
MIN,MAX= 3.5162E-06 1.1094E-05 INTERVAL= 5.0000E-07
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

COOL_IMP: Total Implicit Cooling ()
UT= 0.00 ZP= -4.250 AVE HT= 115.1

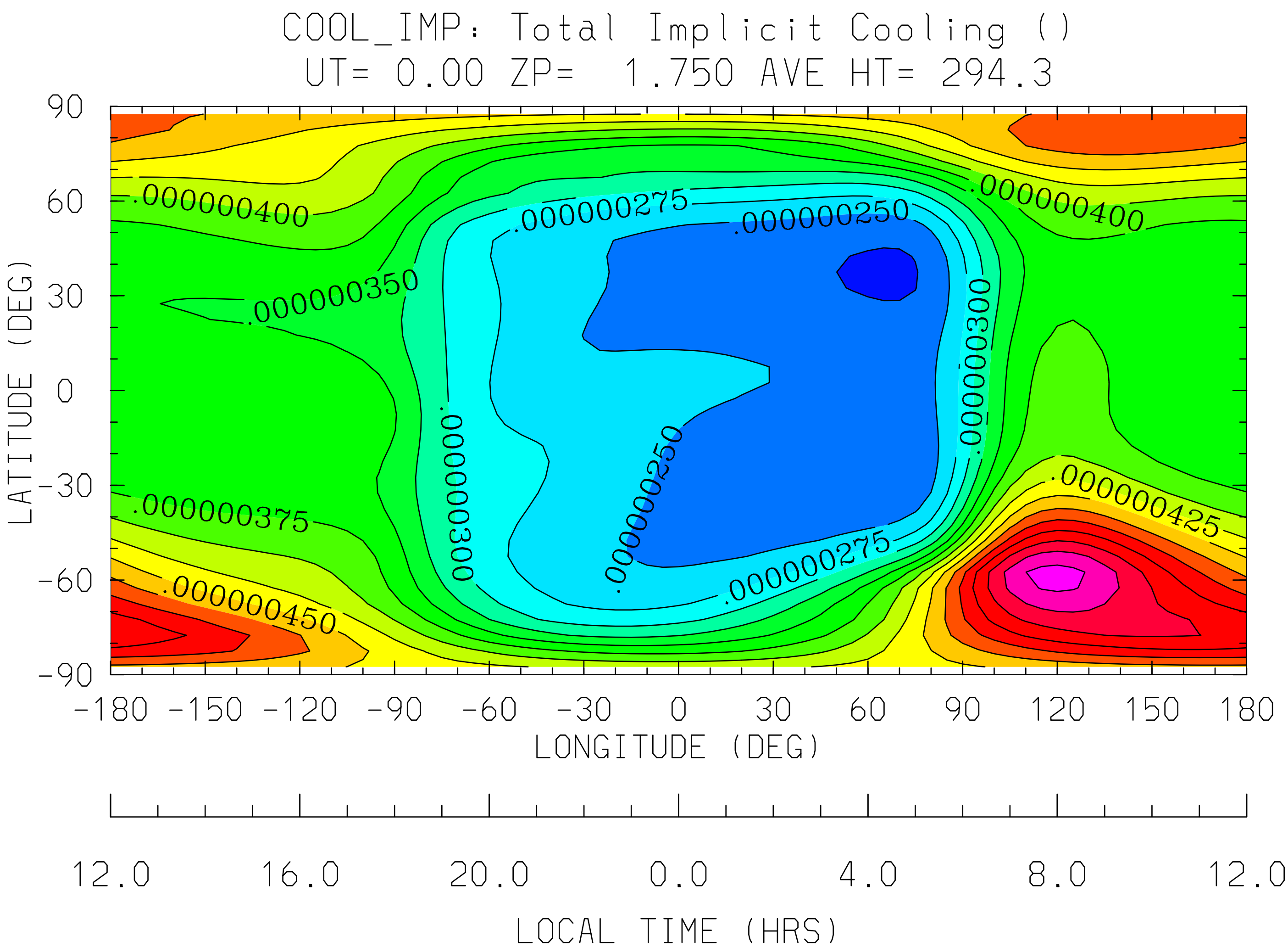


MIN,MAX= 2.6774E-06 6.3048E-06 INTERVAL= 2.5000E-07
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

COOL_IMP: Total Implicit Cooling ()
UT= 0.00 ZP= -0.250 AVE HT= 209.5



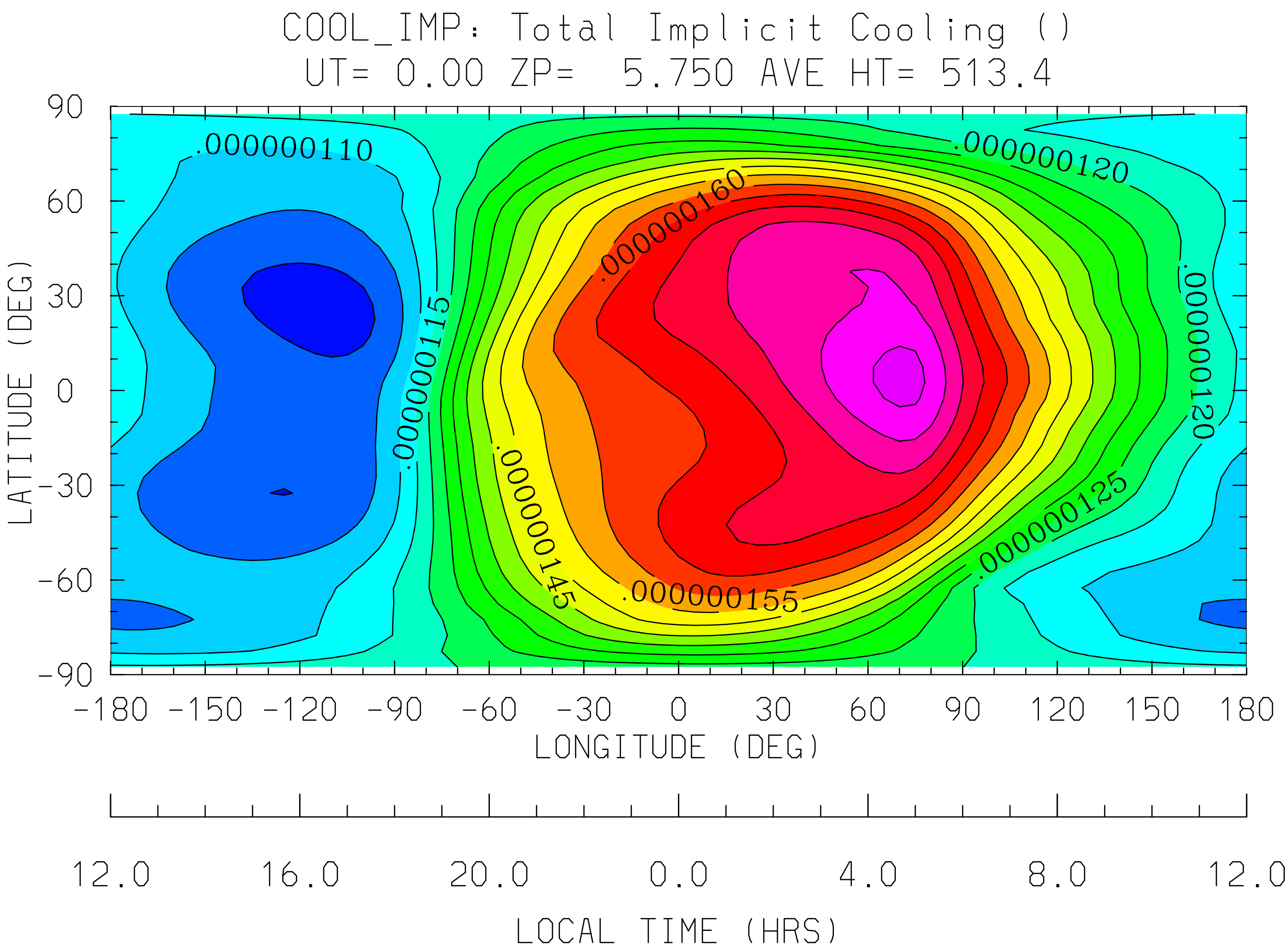
MIN,MAX= 1.1097E-06 5.0780E-06 INTERVAL= 2.5000E-07
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc



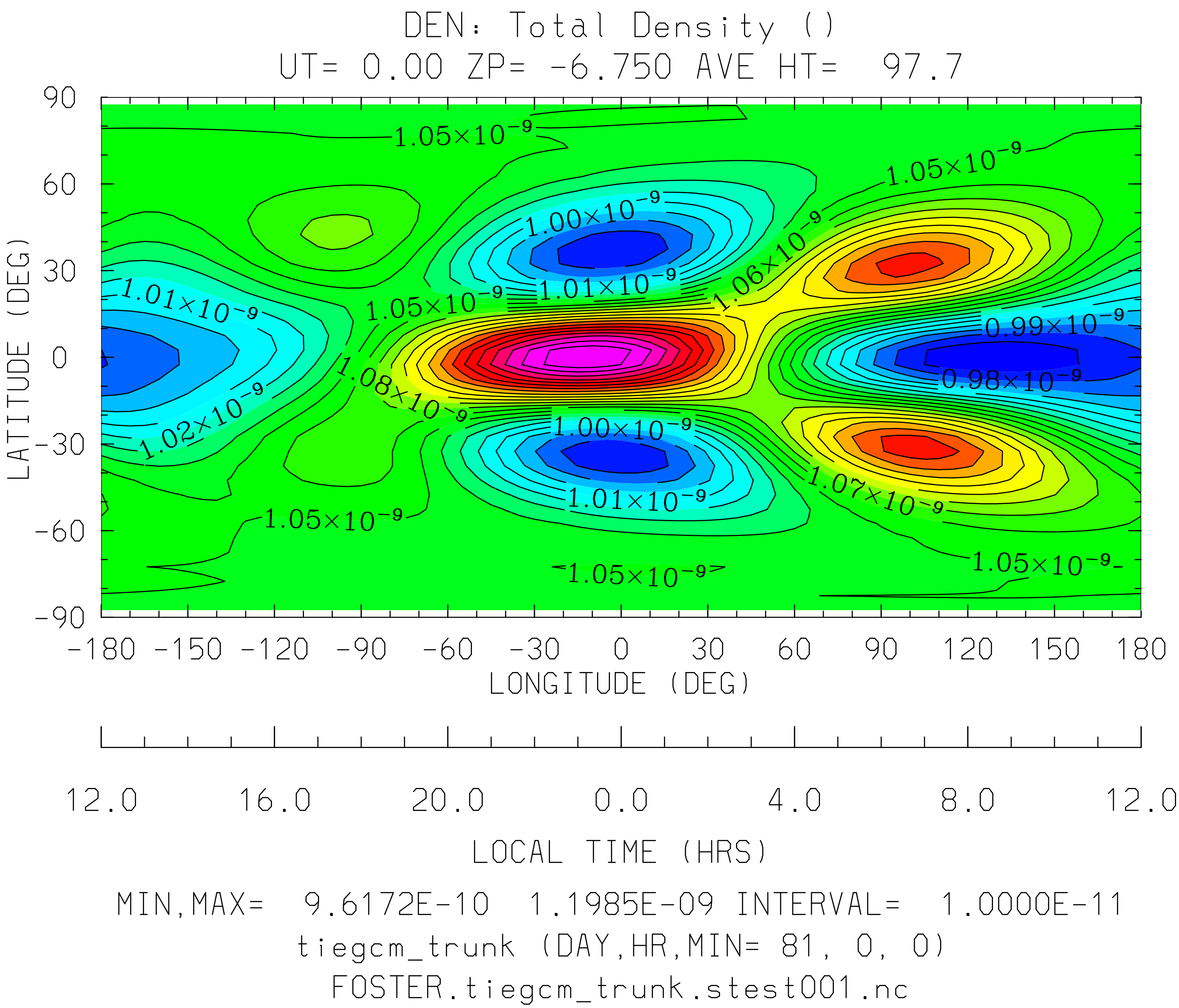
MIN,MAX= 2.2091E-07 6.1058E-07 INTERVAL= 2.5000E-08

tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)

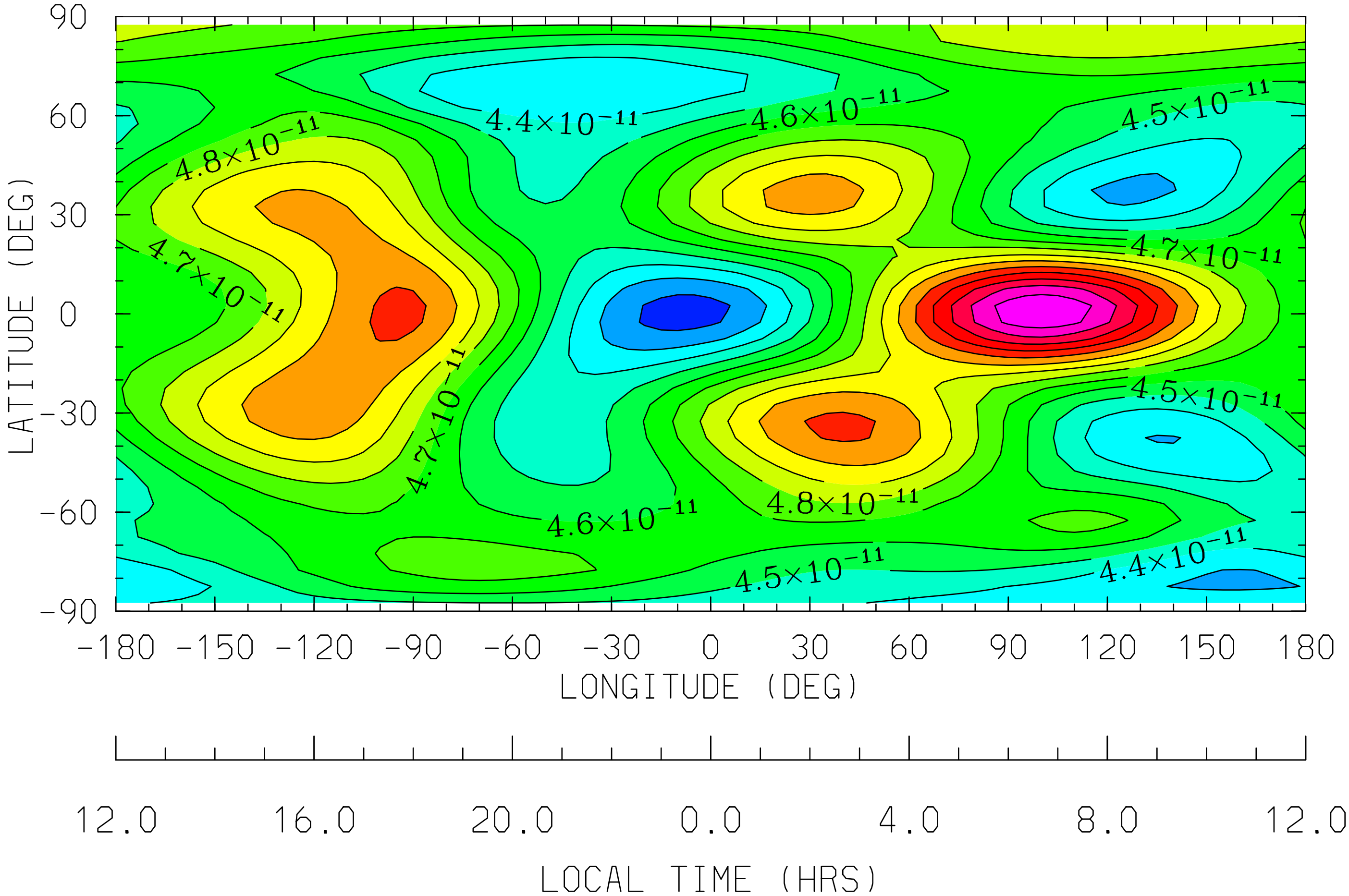
FOSTER.tiegcm_trunk.stest001.nc



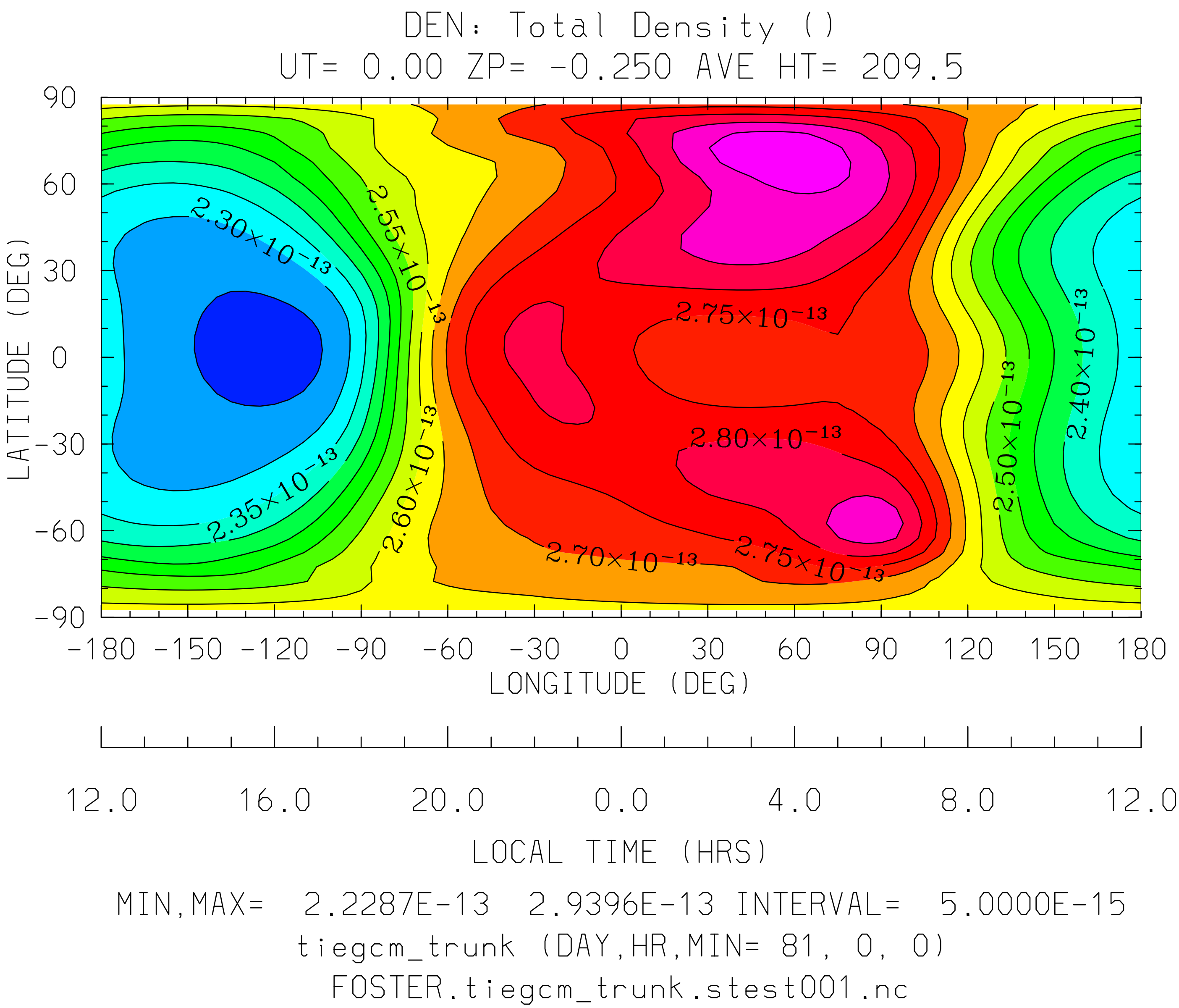
MIN,MAX= 9.7740E-08 1.8184E-07 INTERVAL= 5.0000E-09
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

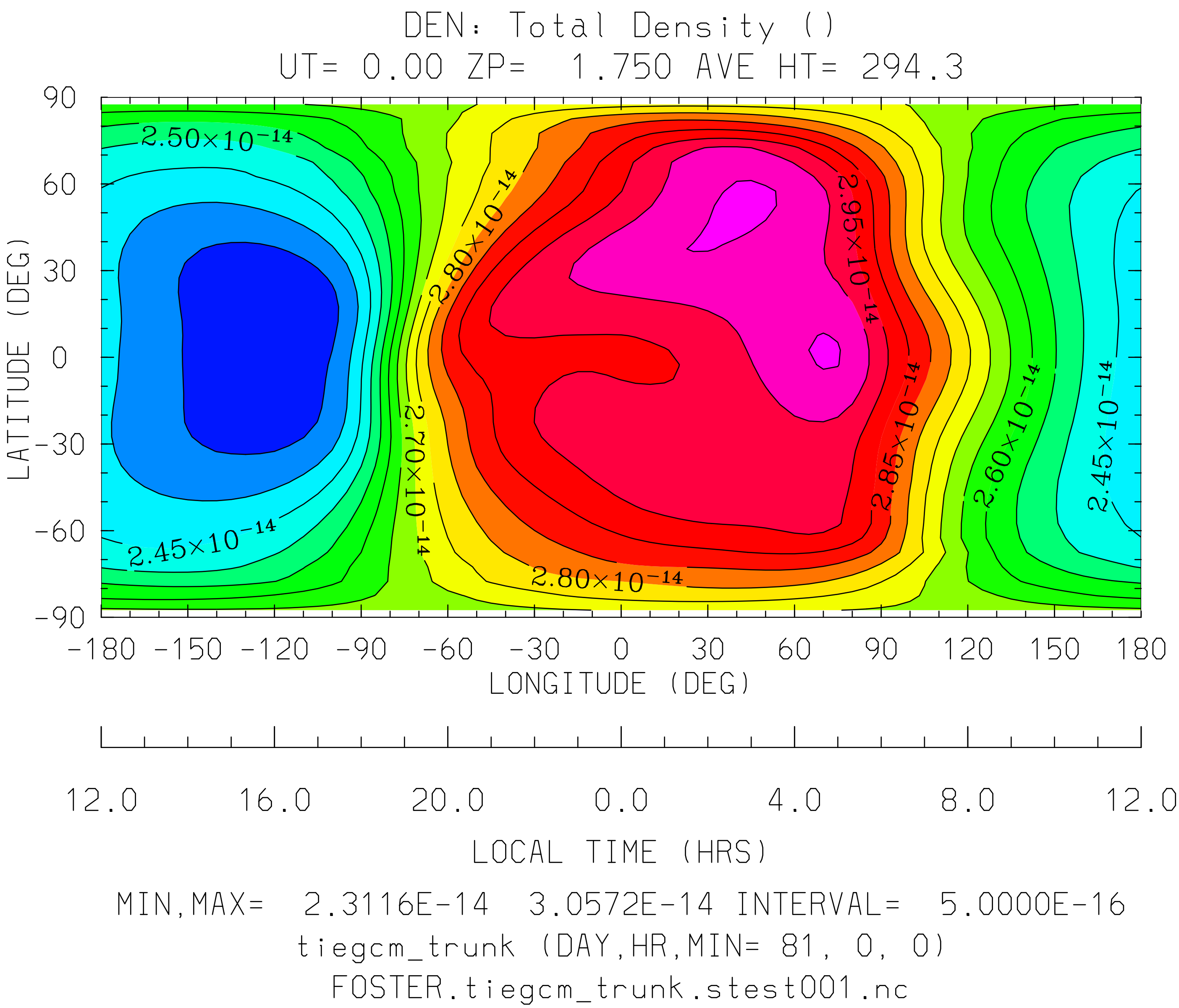

DEN: Total Density ()
UT= 0.00 ZP= -6.750 AVE HT= 97.7
LATITUDE (DEG)
LONGITUDE (DEG)
LOCAL TIME (HRS)
1.05×10⁻⁹
1.00×10⁻⁹
1.01×10⁻⁹
1.02×10⁻⁹
1.06×10⁻⁹
1.07×10⁻⁹
1.08×10⁻⁹
0.99×10⁻⁹
0.98×10⁻⁹
MIN,MAX= 9.6172E-10 1.1985E-09 INTERVAL= 1.0000E-11
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

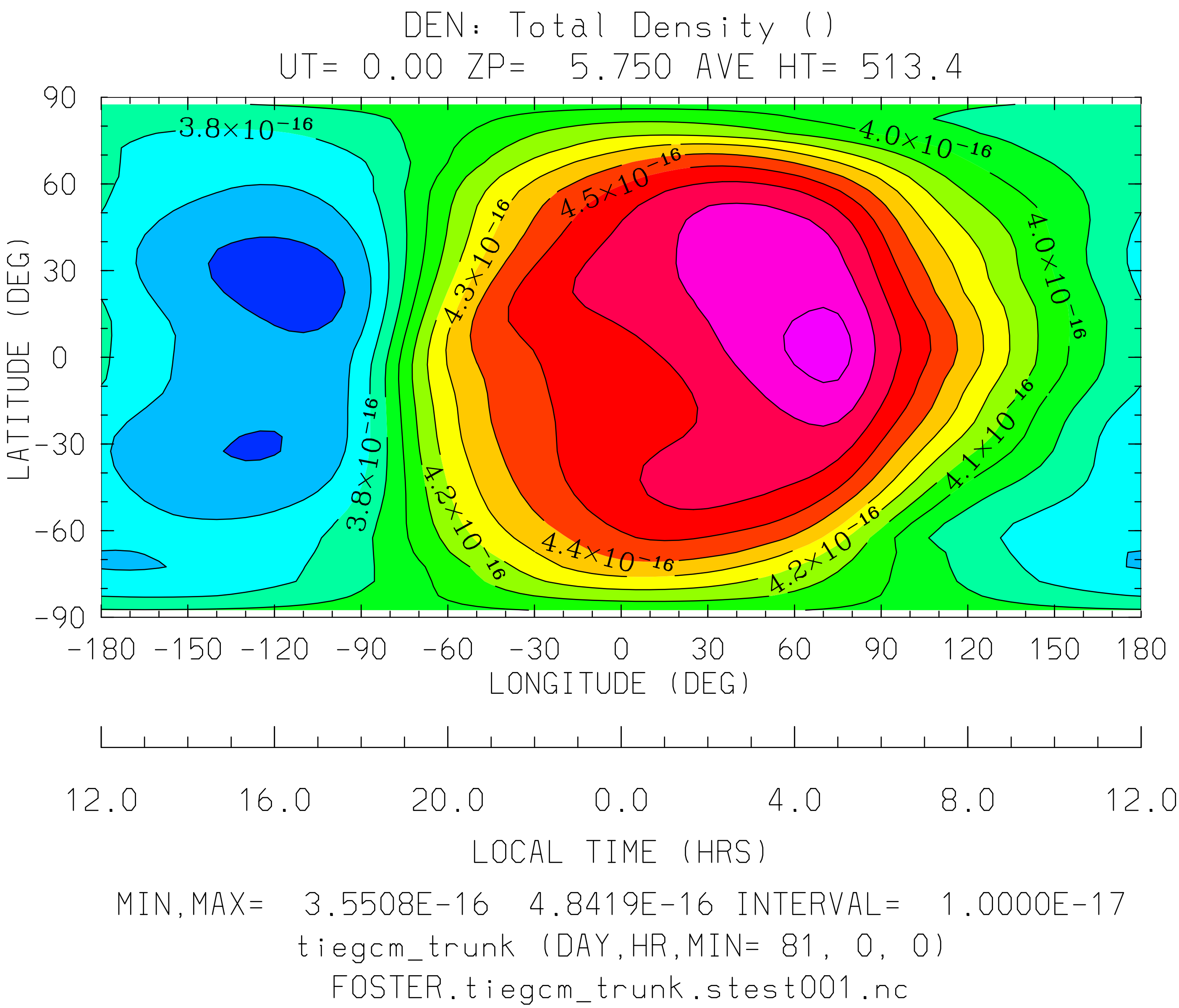
DEN: Total Density ()
UT= 0.00 ZP= -4.250 AVE HT= 115.1

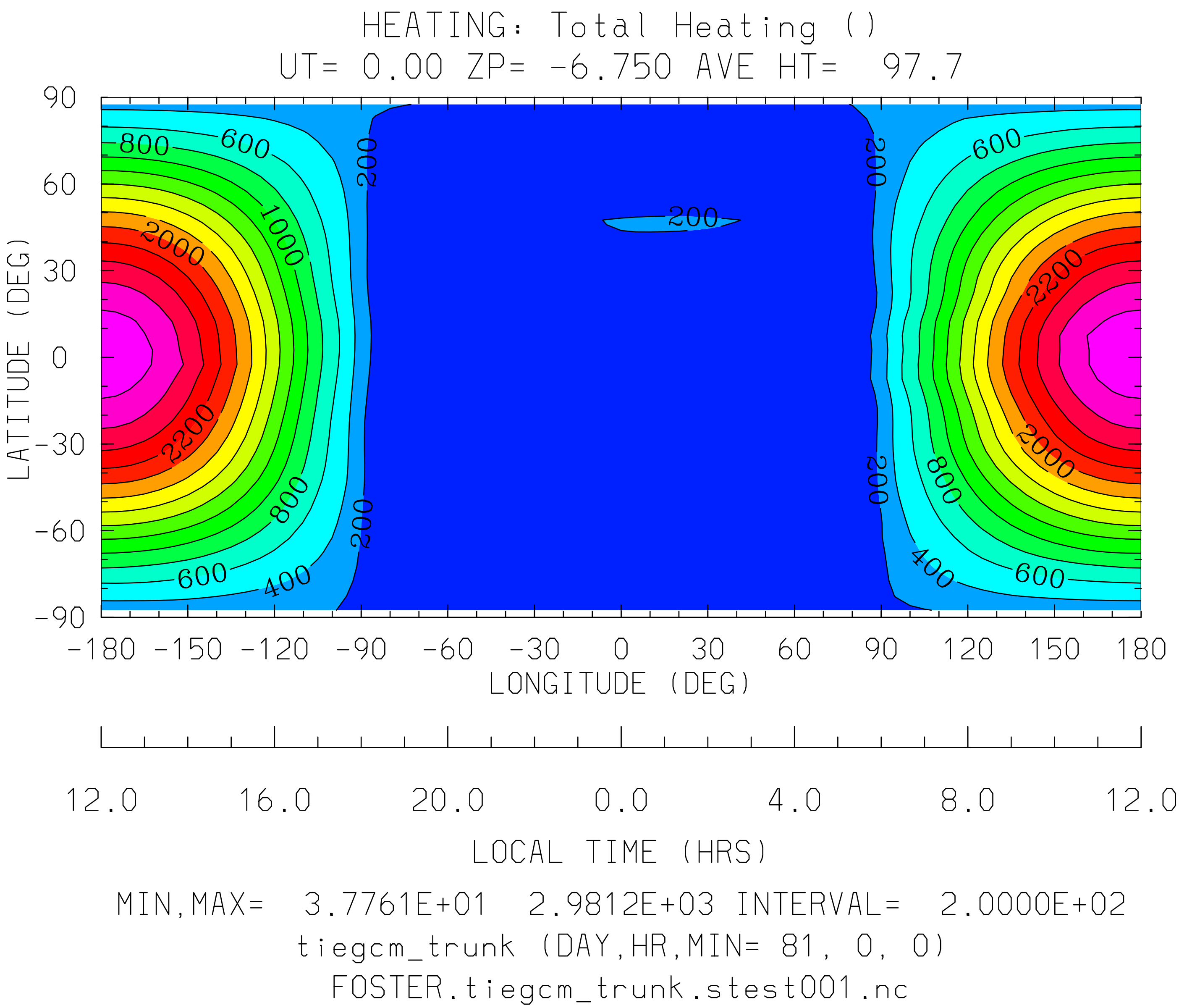


MIN,MAX= 4.1578E-11 5.5916E-11 INTERVAL= 1.0000E-12
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

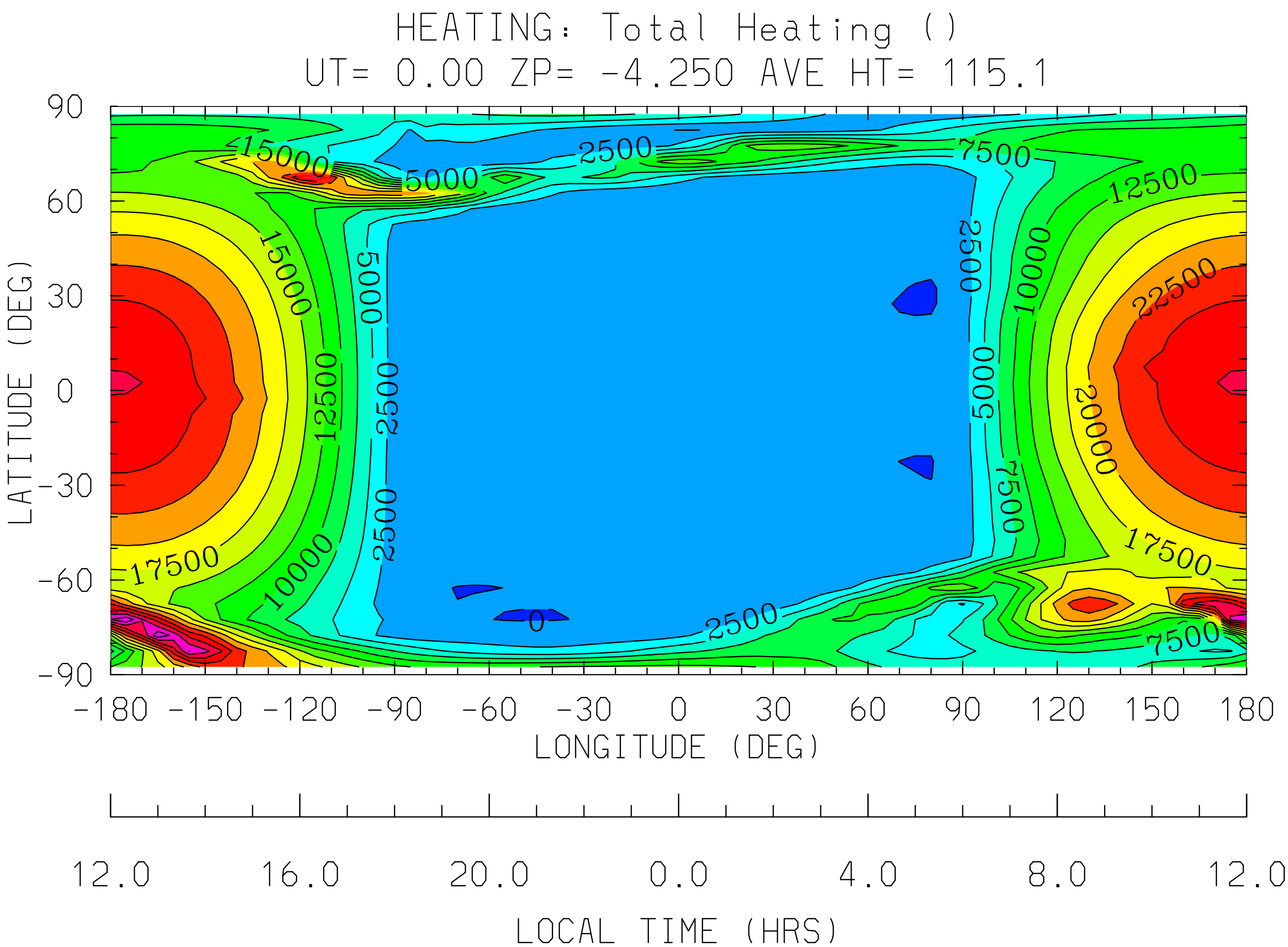

DEN: Total Density ()
UT= 0.00 ZP= -0.250 AVE HT= 209.5
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
2.30×10⁻¹³
2.35×10⁻¹³
2.55×10⁻¹³
2.60×10⁻¹³
2.70×10⁻¹³
2.75×10⁻¹³
2.75×10⁻¹³
2.80×10⁻¹³
2.50×10⁻¹³
2.40×10⁻¹³
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 2.2287E-13 2.9396E-13 INTERVAL= 5.0000E-15
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc


DEN: Total Density ()
UT= 0.00 ZP= 1.750 AVE HT= 294.3
LATITUDE (DEG)
LONGITUDE (DEG)
LOCAL TIME (HRS)
MIN,MAX= 2.3116E-14 3.0572E-14 INTERVAL= 5.0000E-16
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc


DEN: Total Density ()
UT= 0.00 ZP= 5.750 AVE HT= 513.4
LATITUDE (DEG)
LONGITUDE (DEG)
LOCAL TIME (HRS)
3.8×10^-16
4.0×10^-16
4.5×10^-16
4.3×10^-16
4.2×10^-16
4.4×10^-16
4.1×10^-16
MIN,MAX= 3.5508E-16 4.8419E-16 INTERVAL= 1.0000E-17
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

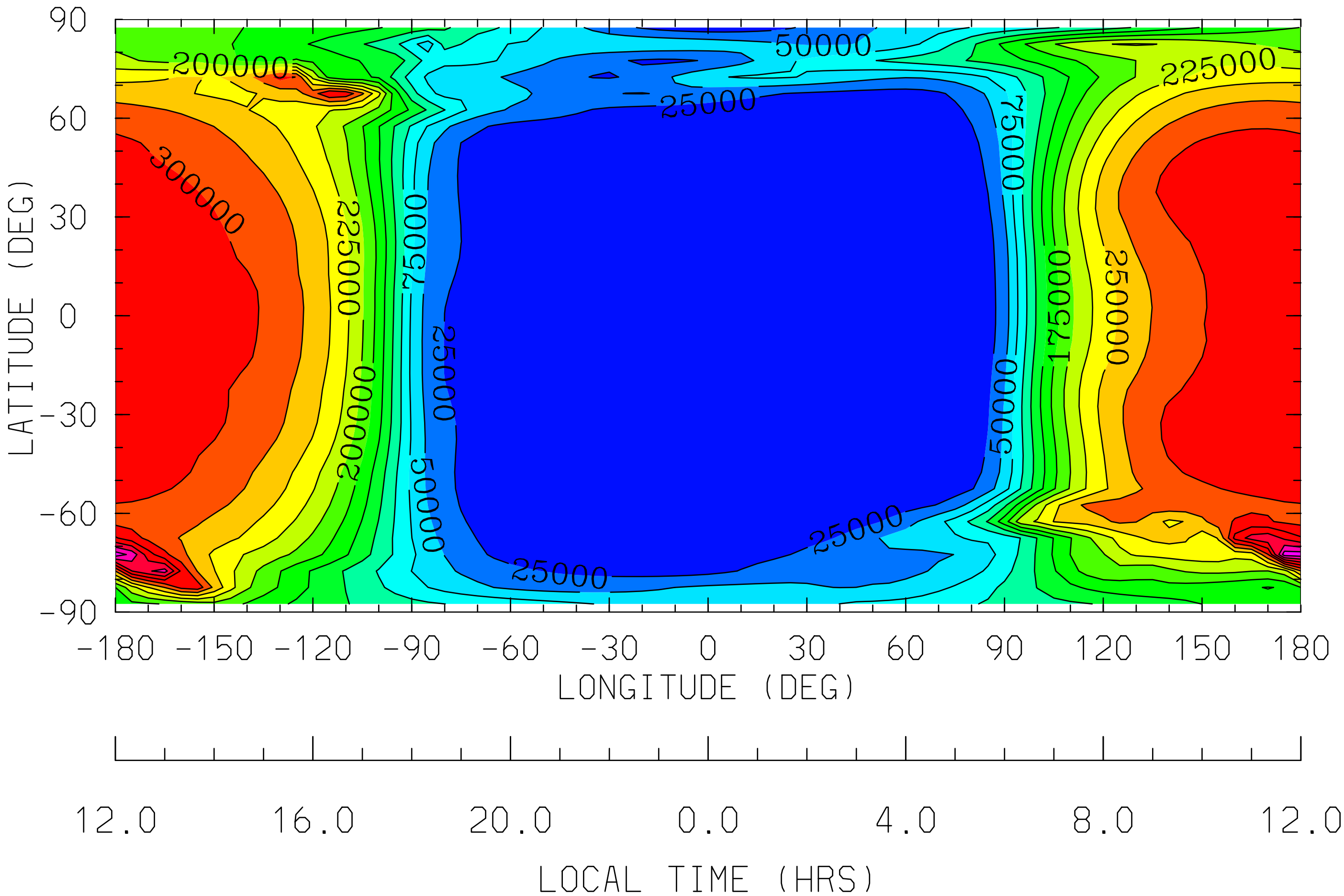


HEATING: Total Heating ()
UT= 0.00 ZP= -6.750 AVE HT= 97.7
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
800
600
1000
2000
2200
400
200
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.7761E+01 2.9812E+03 INTERVAL= 2.0000E+02
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

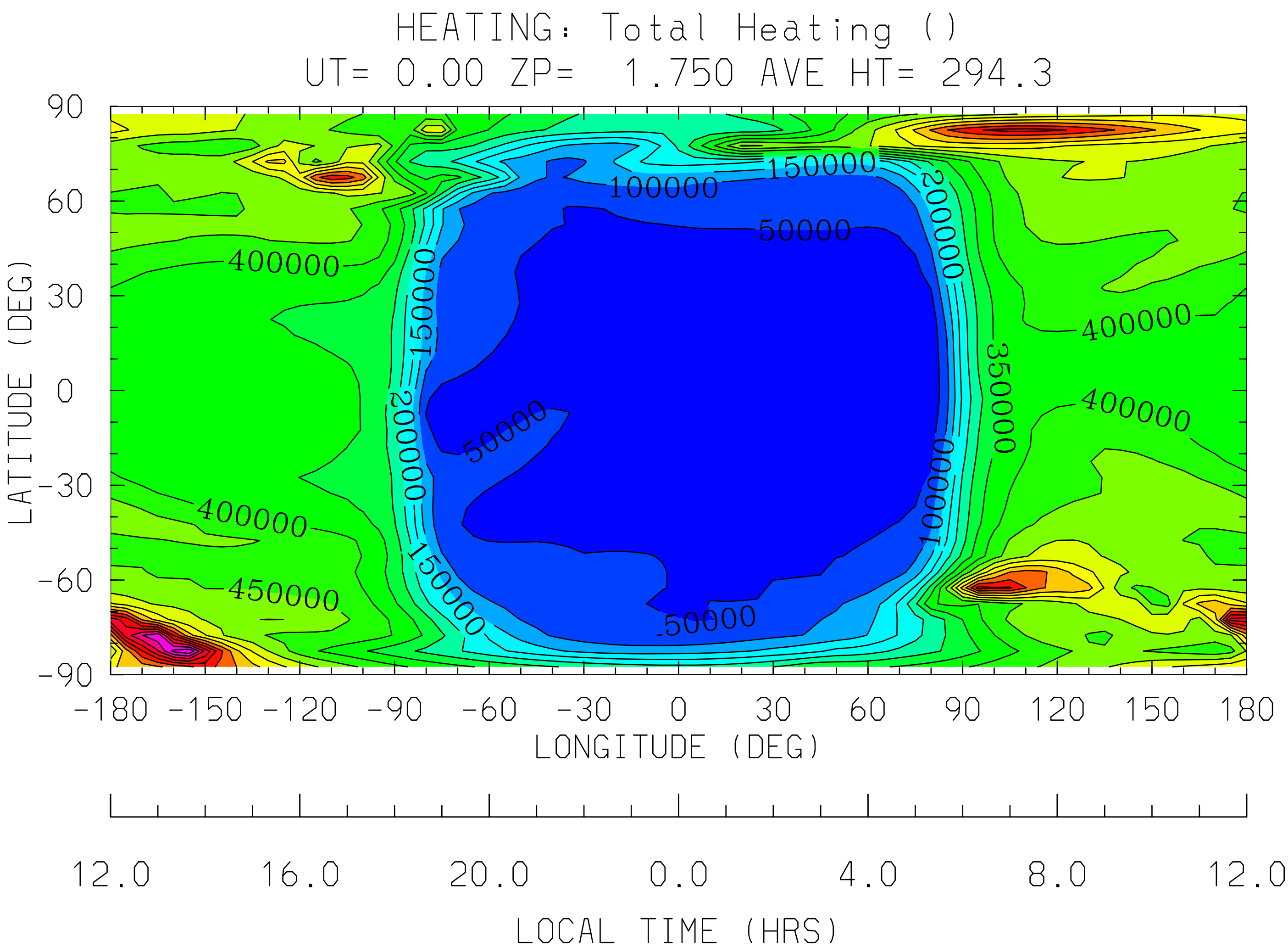


MIN,MAX= -1.2311E+02 3.4579E+04 INTERVAL= 2.5000E+03
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

HEATING: Total Heating ()
UT= 0.00 ZP= -0.250 AVE HT= 209.5



MIN,MAX= 1.7379E+03 4.1412E+05 INTERVAL= 2.5000E+04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

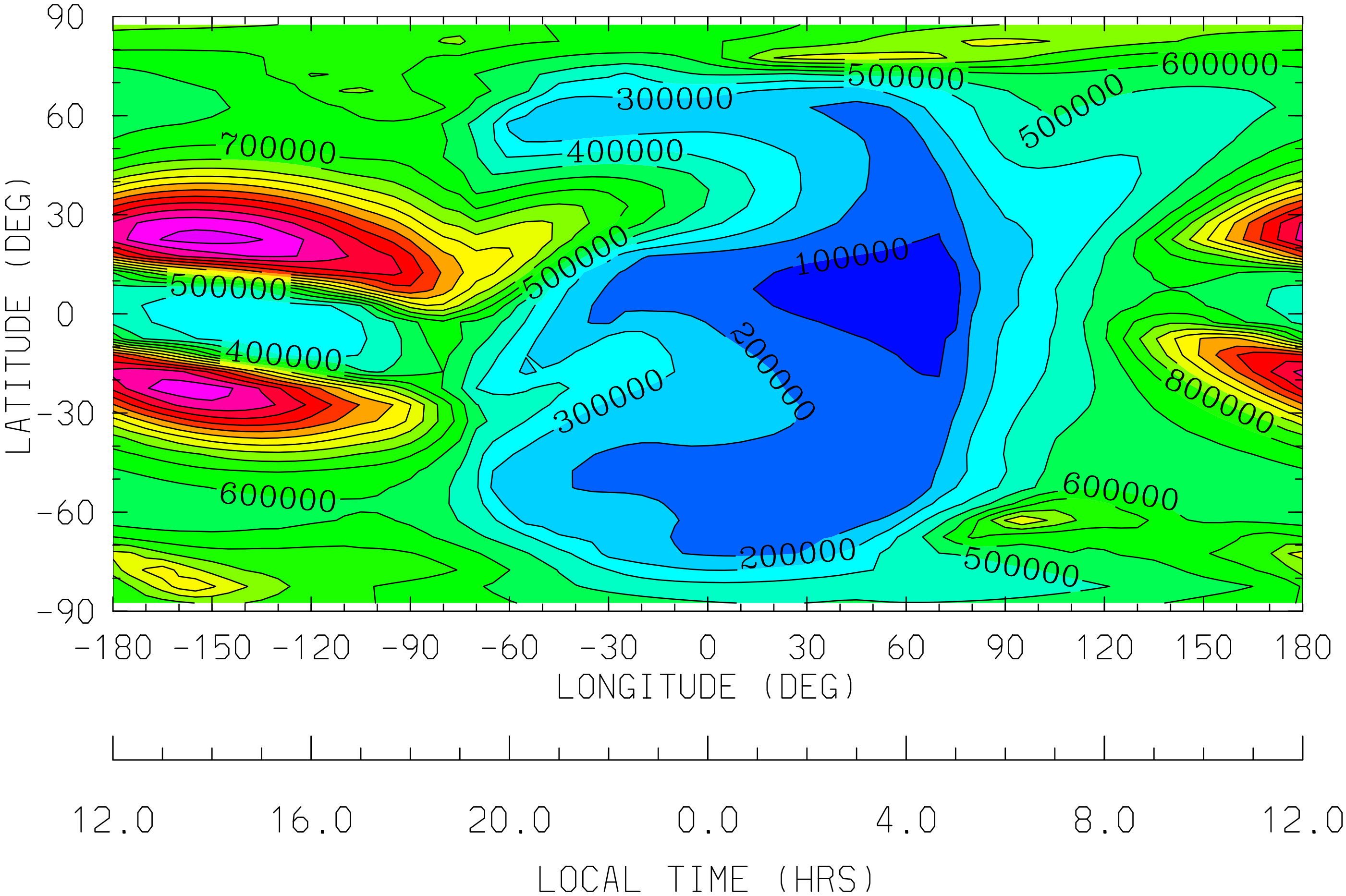


MIN,MAX= 4.5555E+03 9.9482E+05 INTERVAL= 5.0000E+04

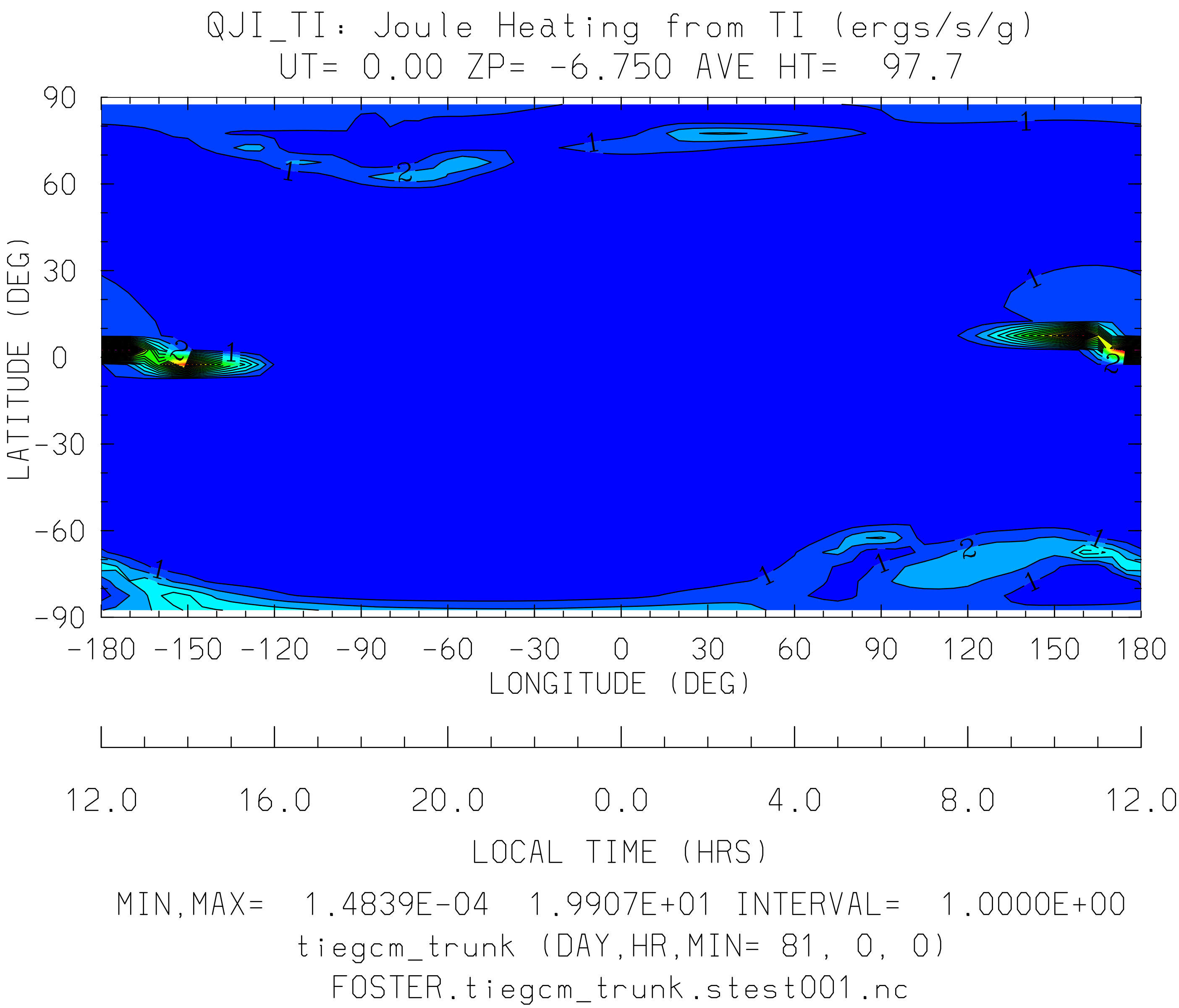
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)

FOSTER.tiegcm_trunk.stest001.nc

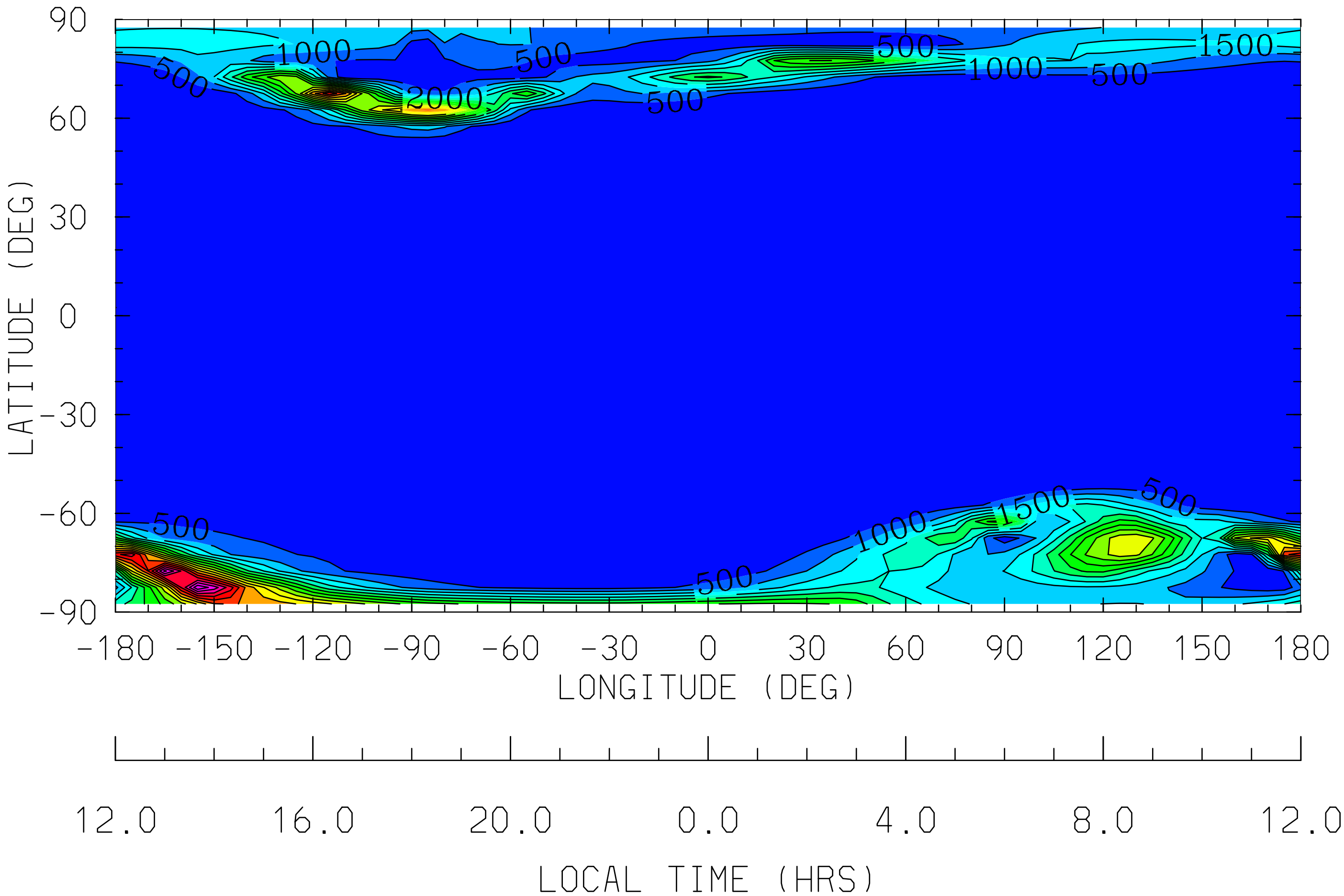
HEATING: Total Heating ()
UT= 0.00 ZP= 5.750 AVE HT= 513.4



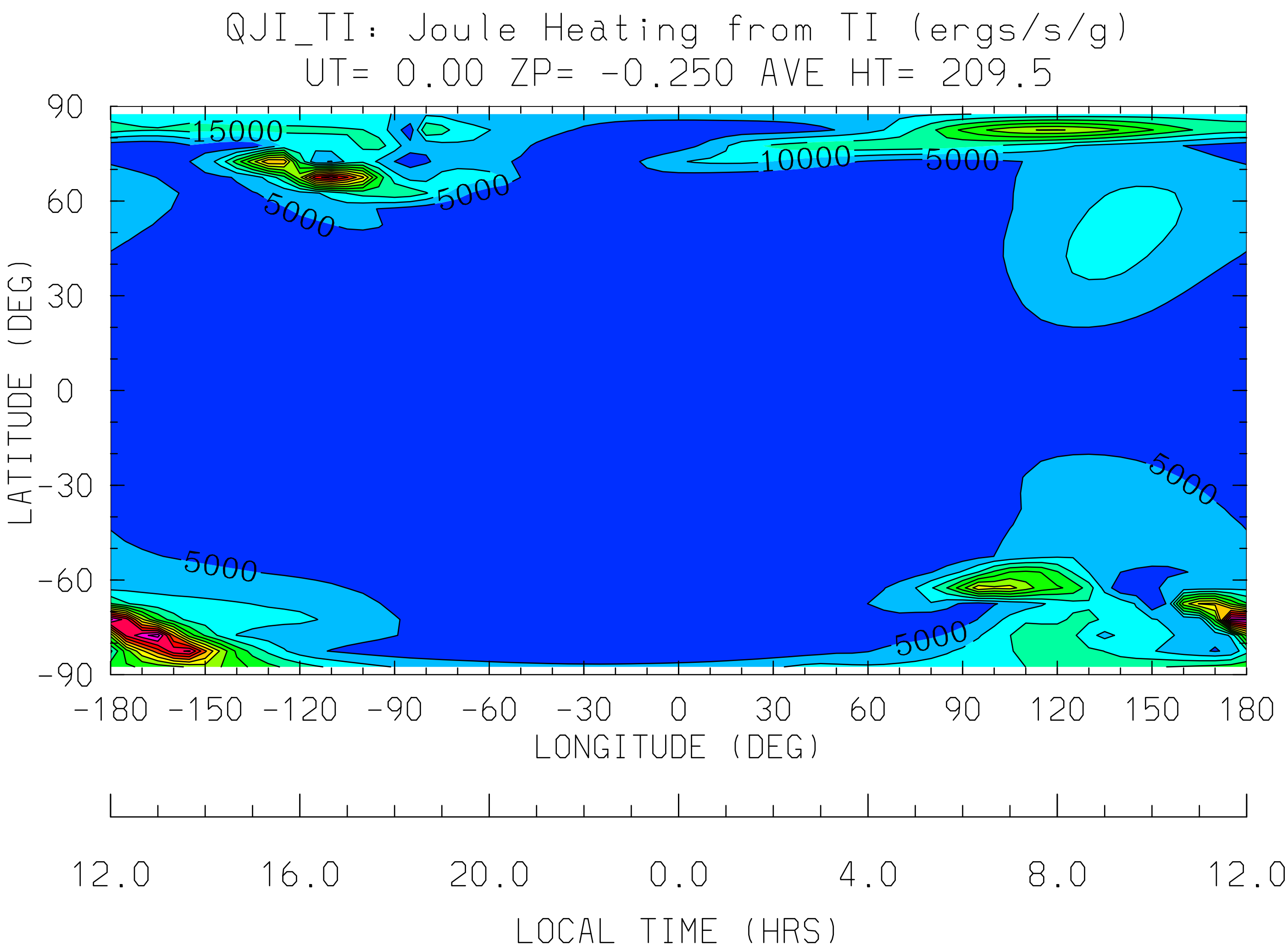
MIN,MAX= 4.1582E+04 1.7428E+06 INTERVAL= 1.0000E+05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc


QJI_TI: Joule Heating from TI (ergs/s/g)
UT= 0.00 ZP= -6.750 AVE HT= 97.7
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
1
2
-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= 1.4839E-04 1.9907E+01 INTERVAL= 1.0000E+00
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

QJI_TI: Joule Heating from TI (ergs/s/g)
UT= 0.00 ZP= -4.250 AVE HT= 115.1



MIN,MAX= 5.1709E-02 8.9300E+03 INTERVAL= 5.0000E+02
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

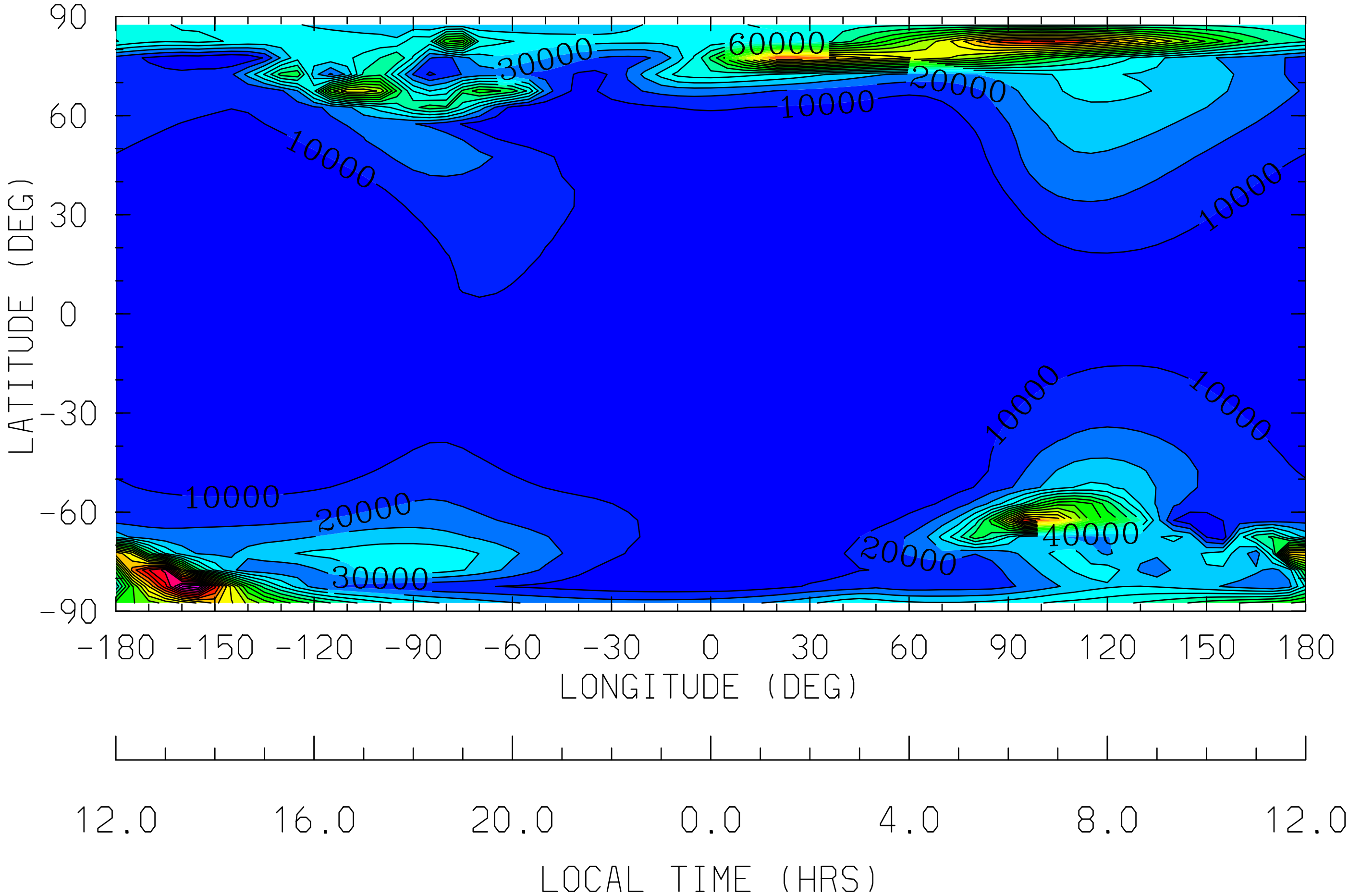


MIN,MAX= 3.4184E-01 6.7370E+04 INTERVAL= 5.0000E+03

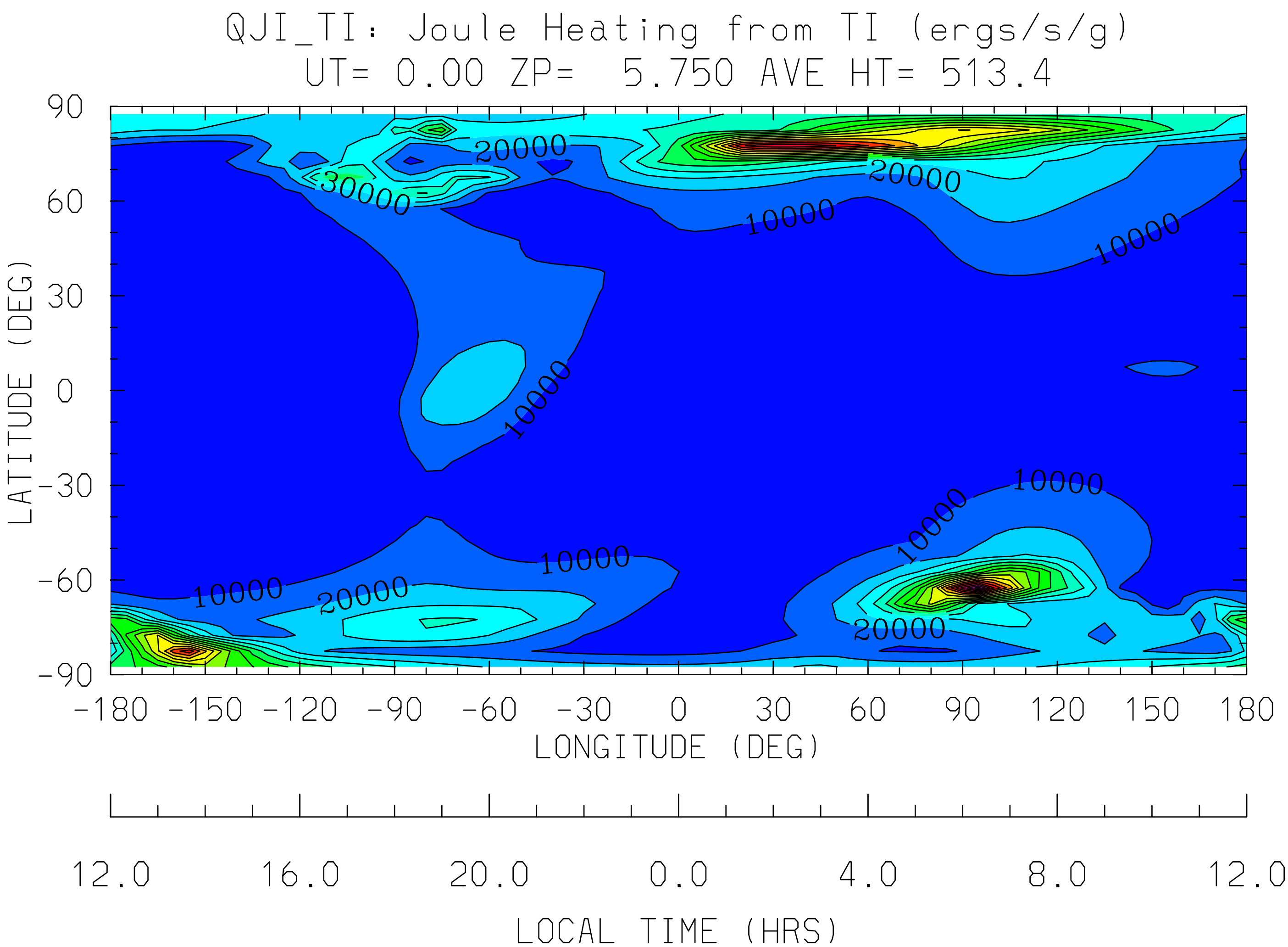
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)

FOSTER.tiegcm_trunk.stest001.nc

QJI_TI: Joule Heating from TI (ergs/s/g)
UT= 0.00 ZP= 1.750 AVE HT= 294.3

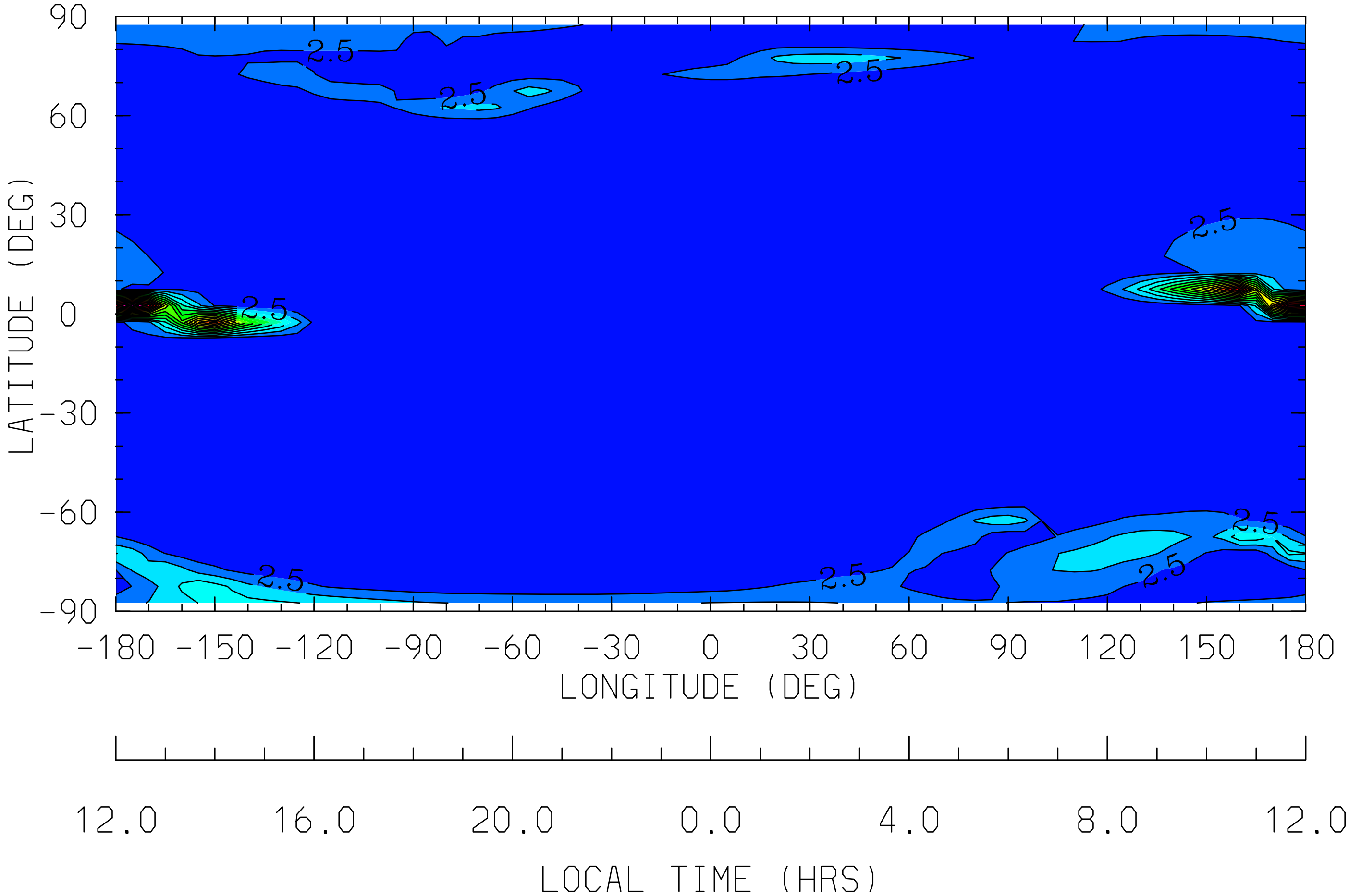


MIN,MAX= 1.0690E+01 2.2992E+05 INTERVAL= 1.0000E+04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

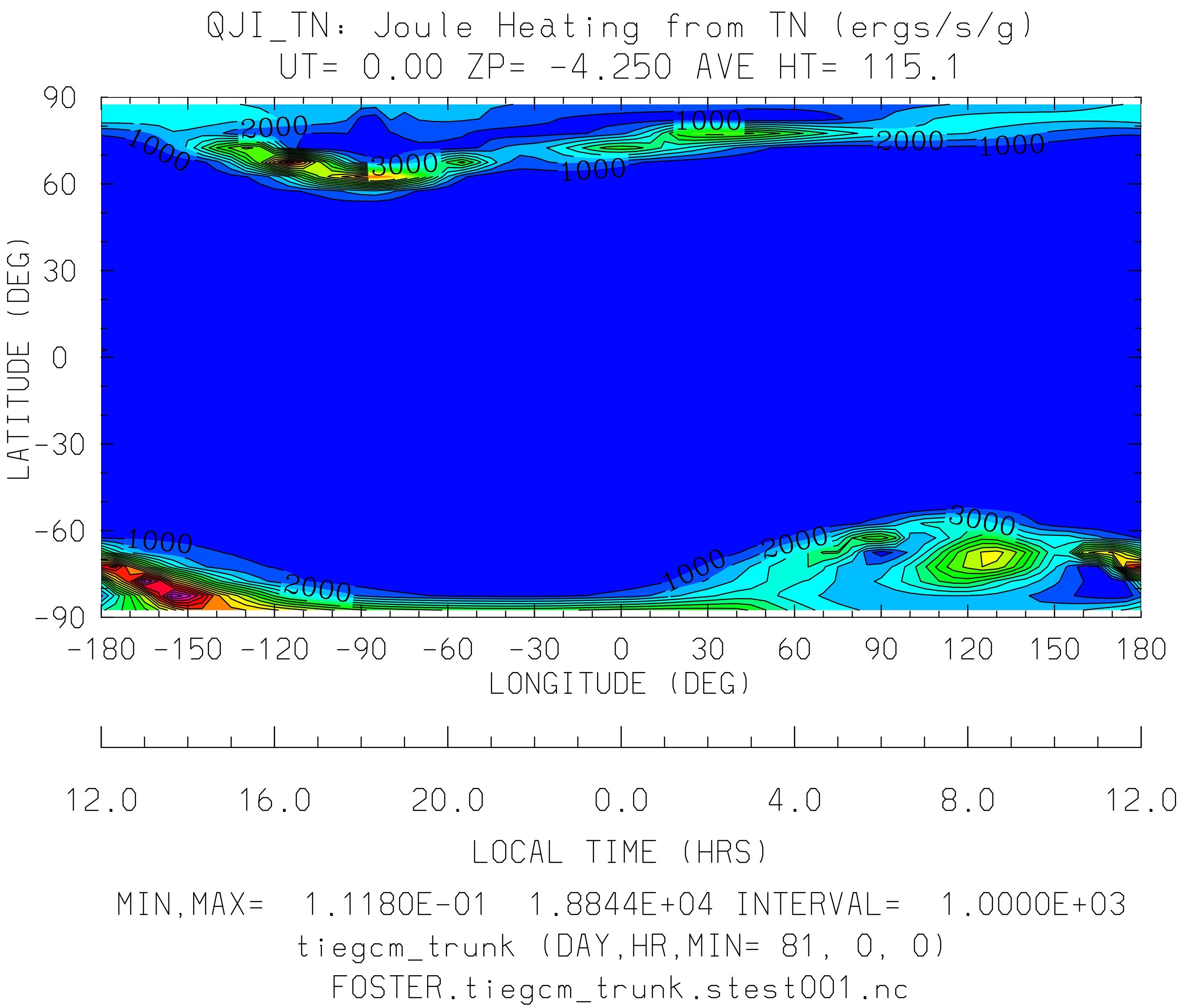


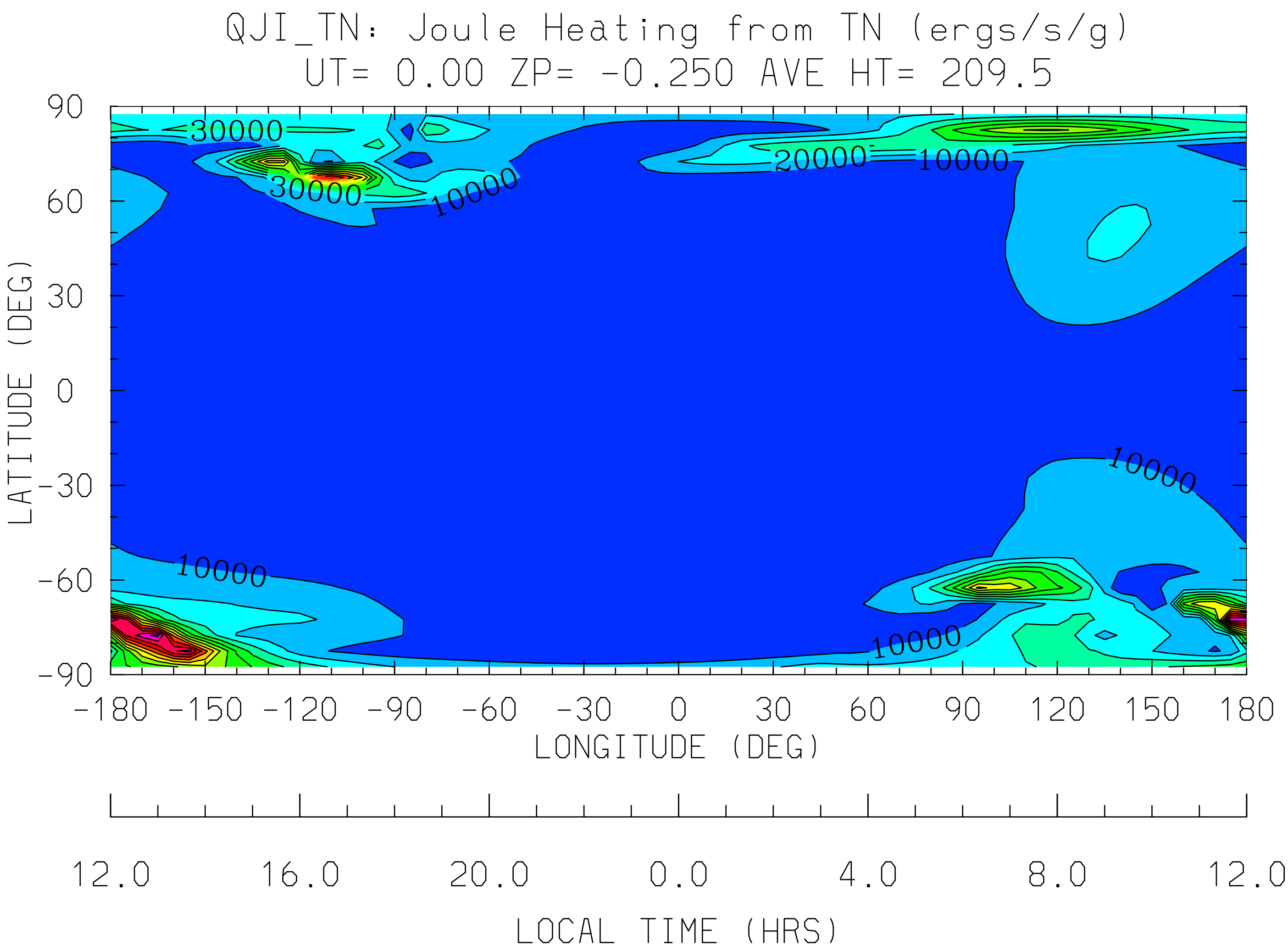
MIN,MAX= 5.4851E+01 1.7438E+05 INTERVAL= 1.0000E+04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

QJI_TN: Joule Heating from TN (ergs/s/g)
UT= 0.00 ZP= -6.750 AVE HT= 97.7



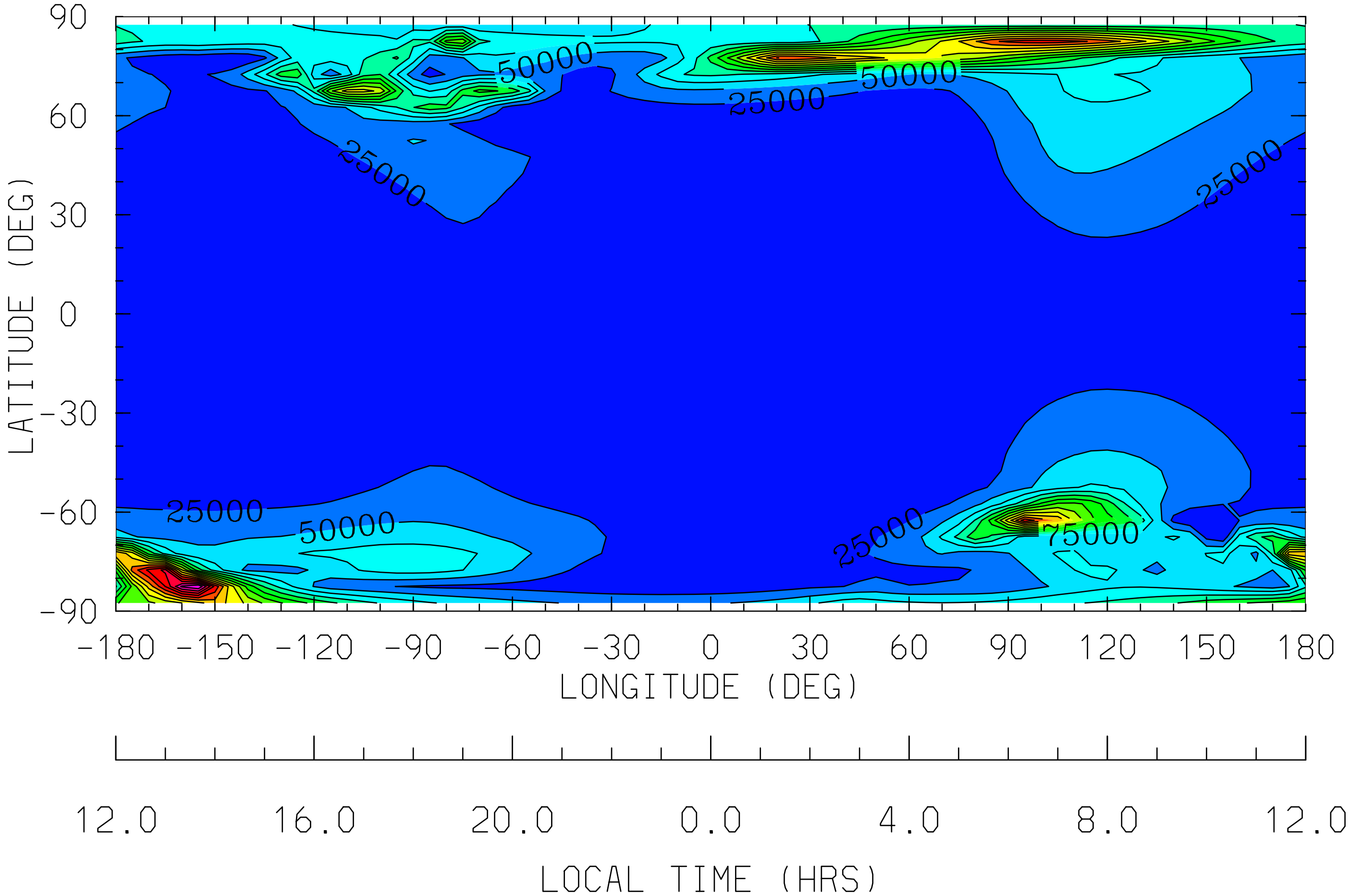
MIN,MAX= 2.9821E-04 4.1715E+01 INTERVAL= 2.5000E+00
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc


QJI_TN: Joule Heating from TN (ergs/s/g)
UT= 0.00 ZP= -4.250 AVE HT= 115.1
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
2000
1000
3000
1000
1000
2000
1000
1000
2000
1000
2000
3000
-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= 1.1180E-01 1.8844E+04 INTERVAL= 1.0000E+03
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

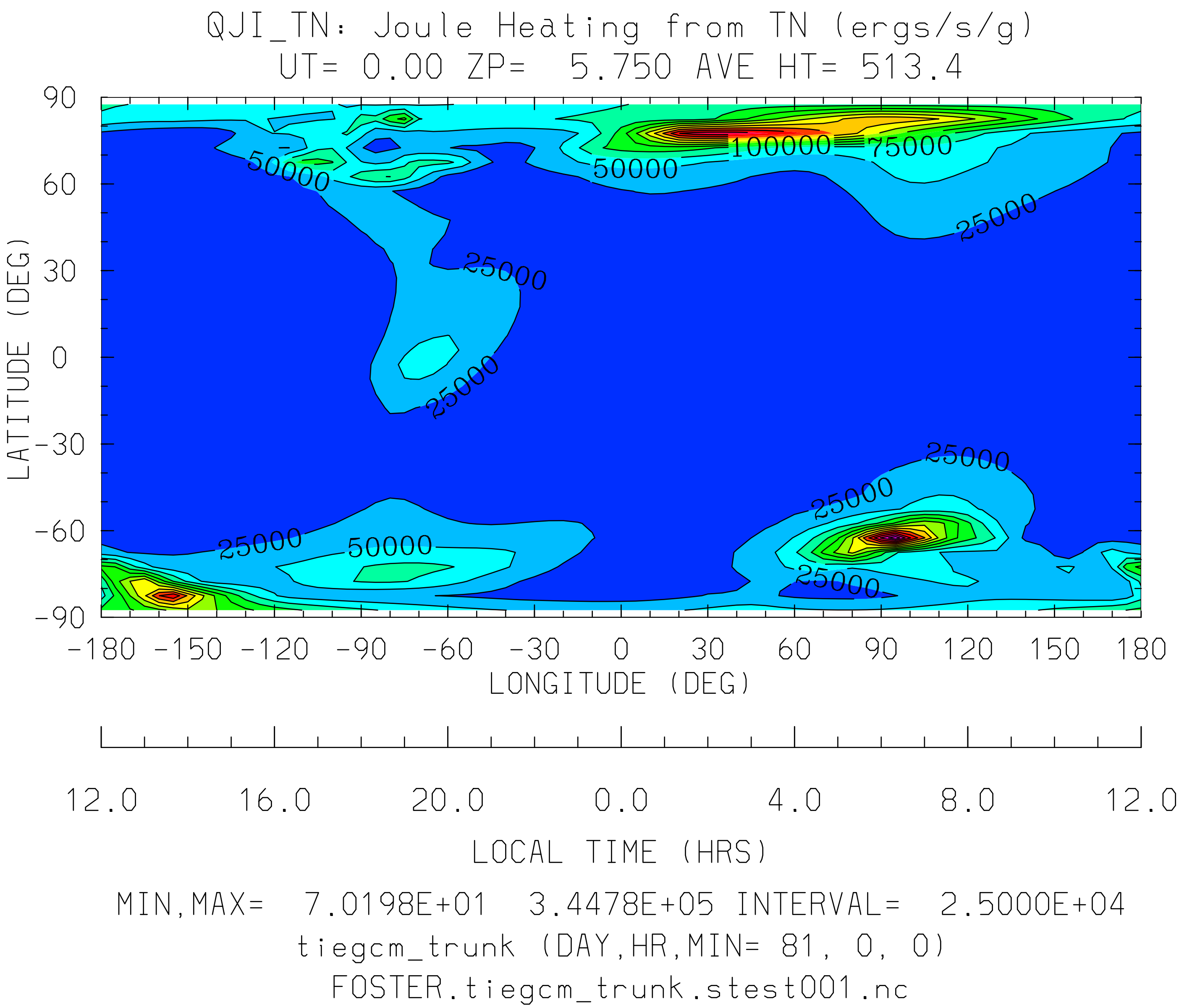


MIN,MAX= 2.0284E-01 1.3364E+05 INTERVAL= 1.0000E+04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

QJI_TN: Joule Heating from TN (ergs/s/g)
UT= 0.00 ZP= 1.750 AVE HT= 294.3

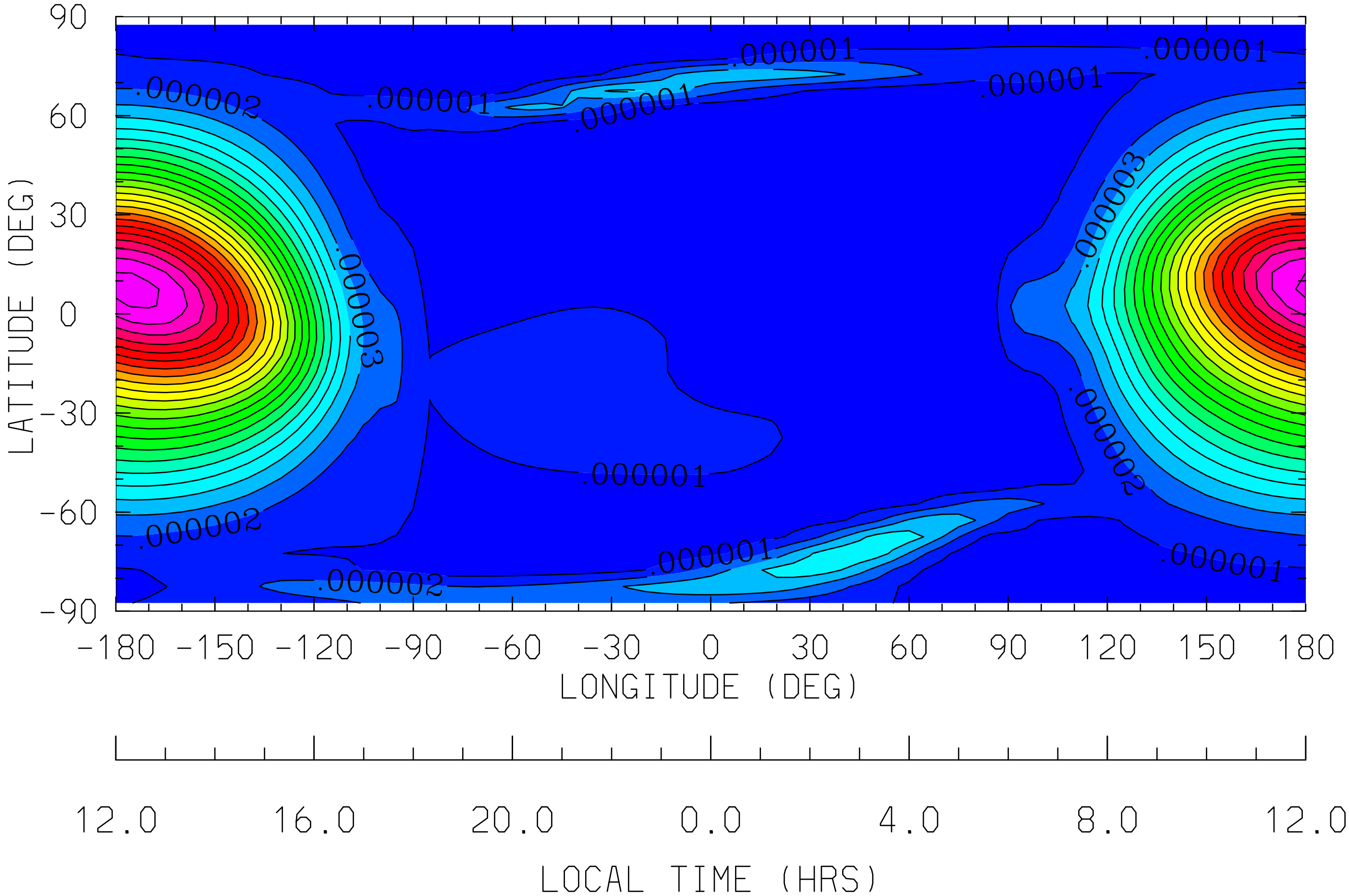


MIN,MAX= 4.3067E+01 4.2454E+05 INTERVAL= 2.5000E+04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc


QJI_TN: Joule Heating from TN (ergs/s/g)
UT= 0.00 ZP= 5.750 AVE HT= 513.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
100000
75000
50000
25000
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 7.0198E+01 3.4478E+05 INTERVAL= 2.5000E+04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

SIGMA_PE ()

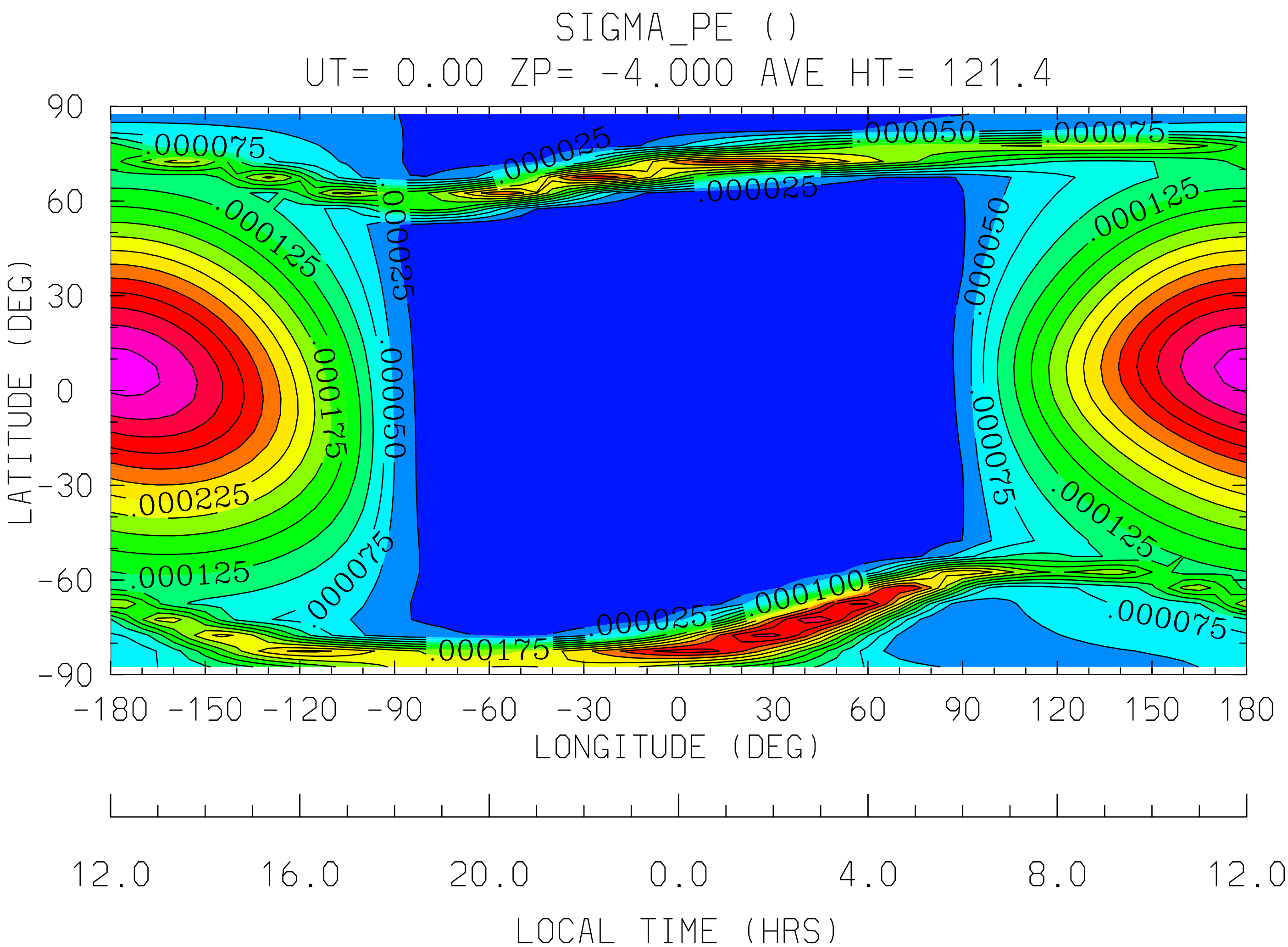
UT= 0.00 ZP= -7.000 AVE HT= 97.7



MIN,MAX= 3.2268E-07 2.3433E-05 INTERVAL= 1.0000E-06

tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)

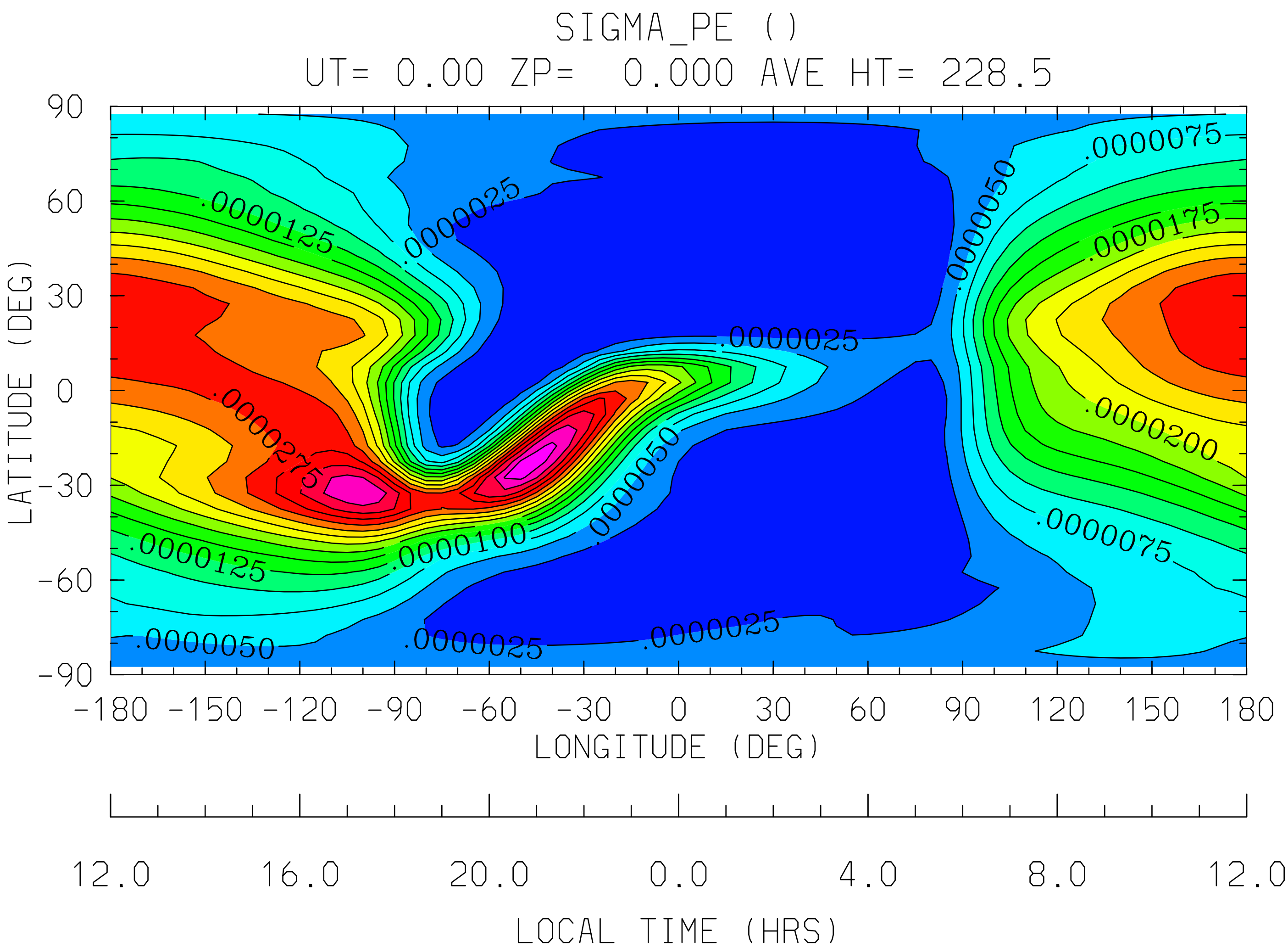
FOSTER.tiegcm_trunk.stest001.nc



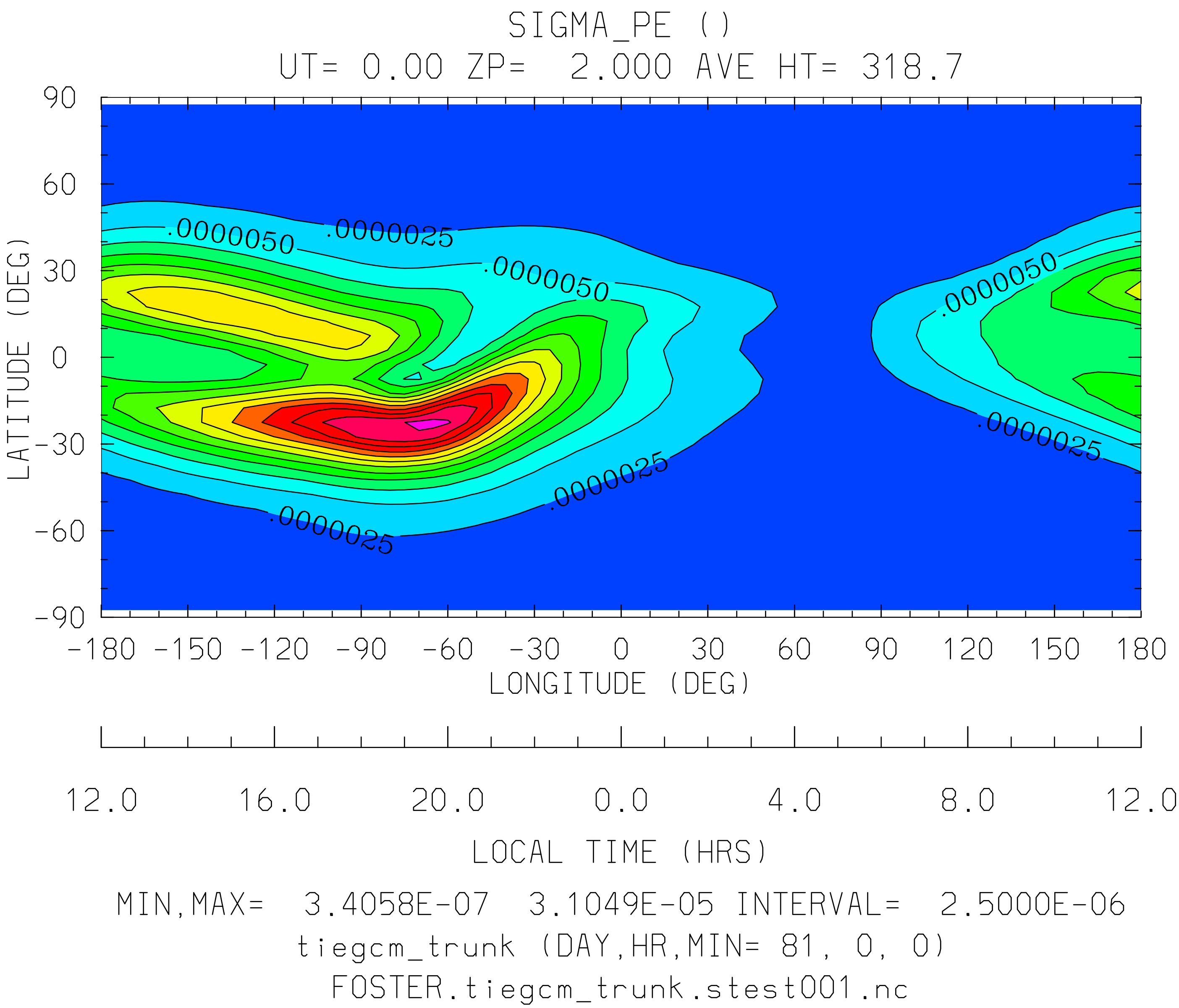
MIN,MAX= 2.5387E-06 3.8464E-04 INTERVAL= 2.5000E-05

tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)

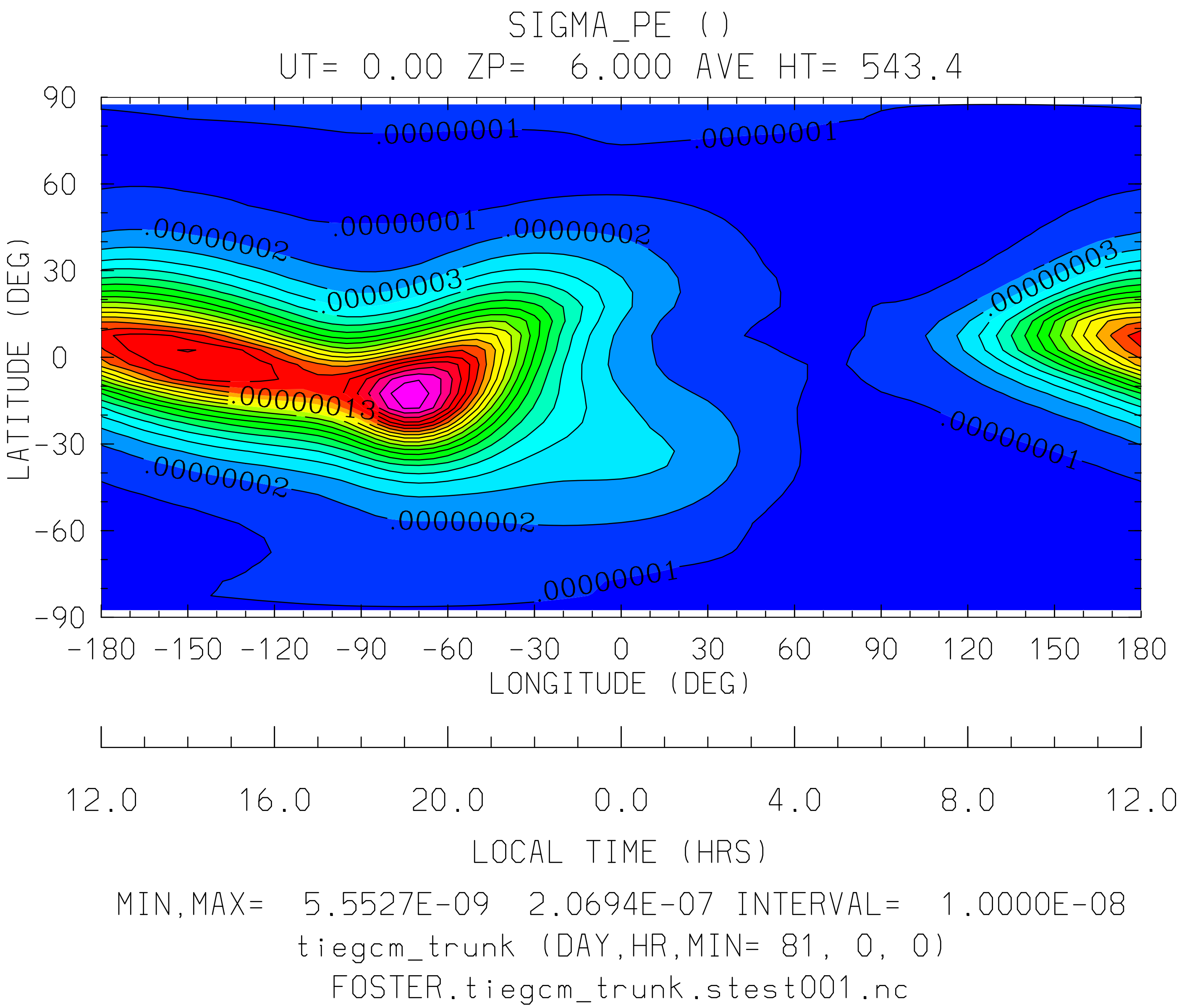
FOSTER.tiegcm_trunk.stest001.nc



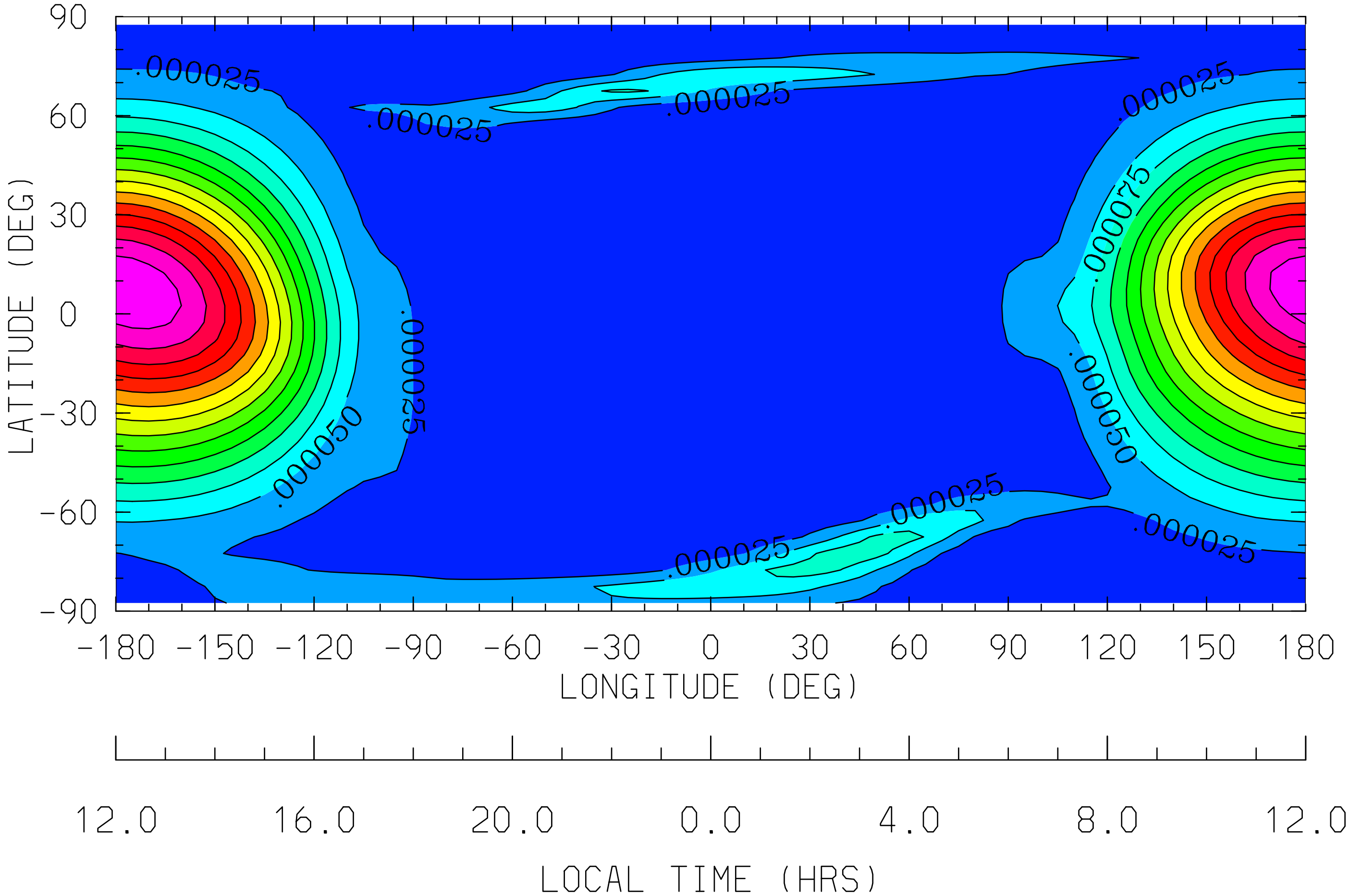
MIN,MAX= 1.8070E-08 3.9217E-05 INTERVAL= 2.5000E-06
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc



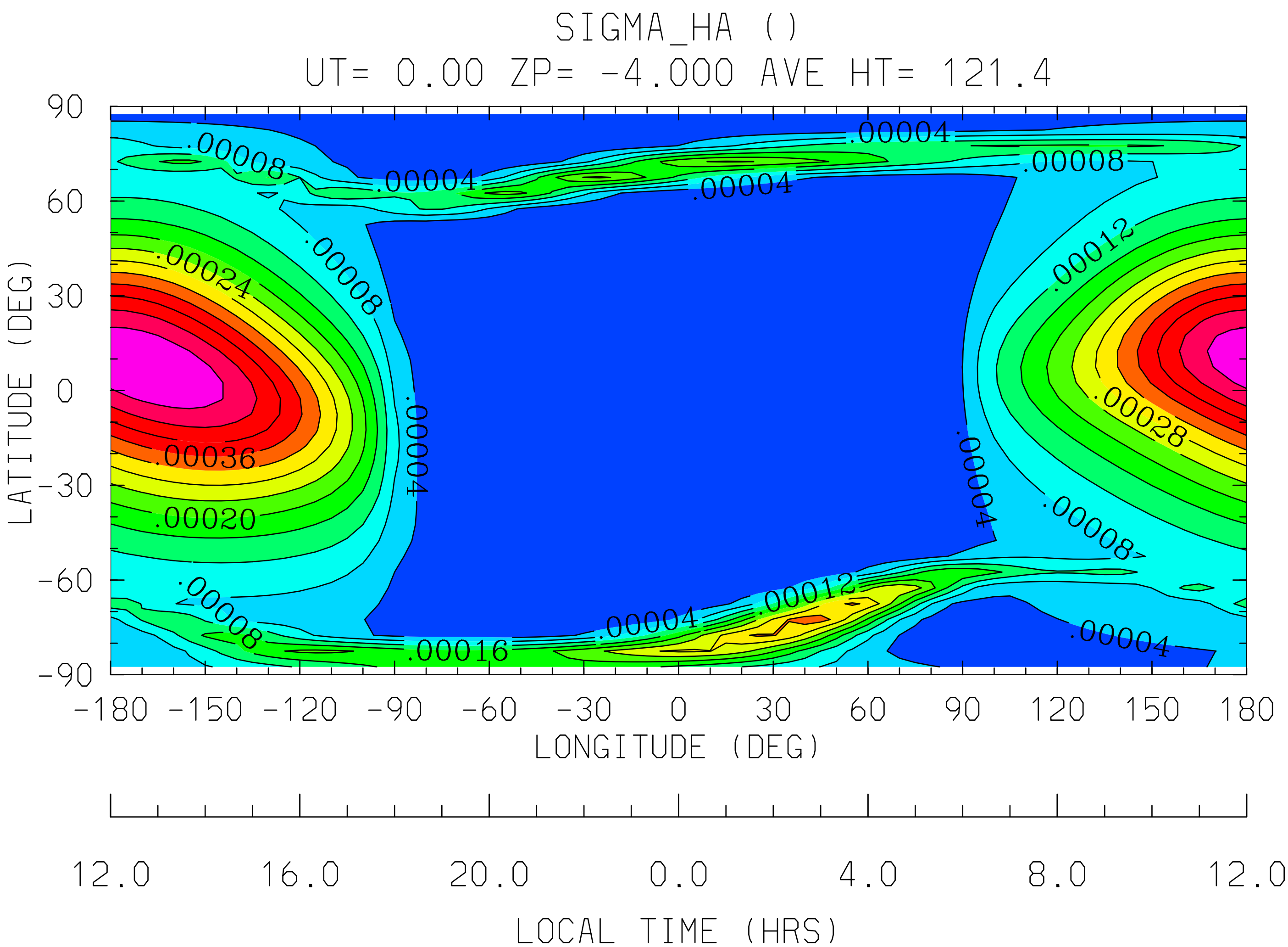
SIGMA_PE ()
UT= 0.00 ZP= 2.000 AVE HT= 318.7
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
.0000050
.0000025
.0000050
.0000025
.0000025
.0000050
.0000025
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.4058E-07 3.1049E-05 INTERVAL= 2.5000E-06
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc


SIGMA_PE ()
UT= 0.00 ZP= 6.000 AVE HT= 543.4
.00000001
.00000001
.00000002
.00000001
.00000002
.00000003
.00000003
.00000013
.00000001
.00000002
.00000002
.00000001
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= 5.5527E-09 2.0694E-07 INTERVAL= 1.0000E-08
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

SIGMA_HA ()
UT= 0.00 ZP= -7.000 AVE HT= 97.7



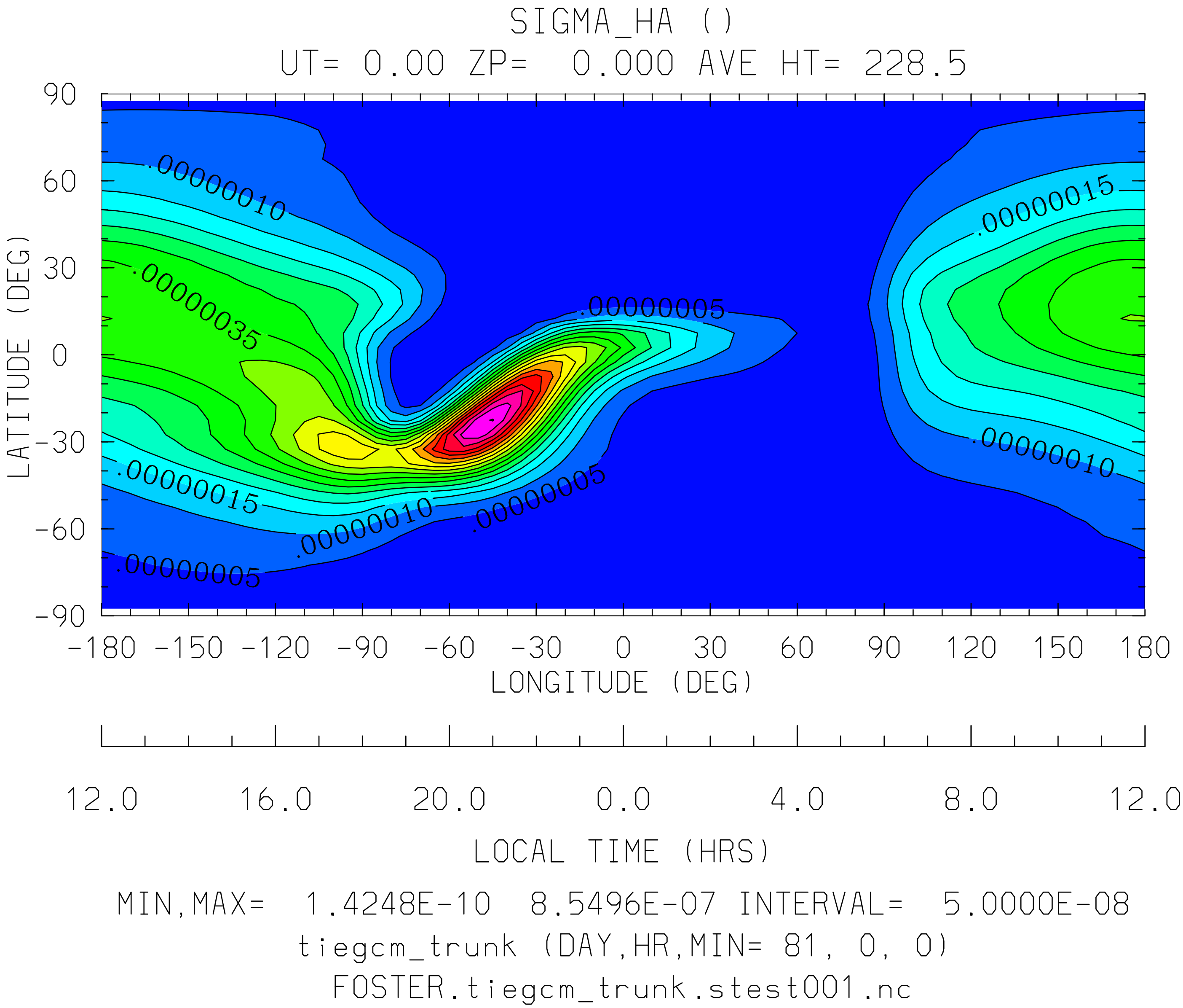
MIN,MAX= 6.2902E-06 3.7006E-04 INTERVAL= 2.5000E-05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

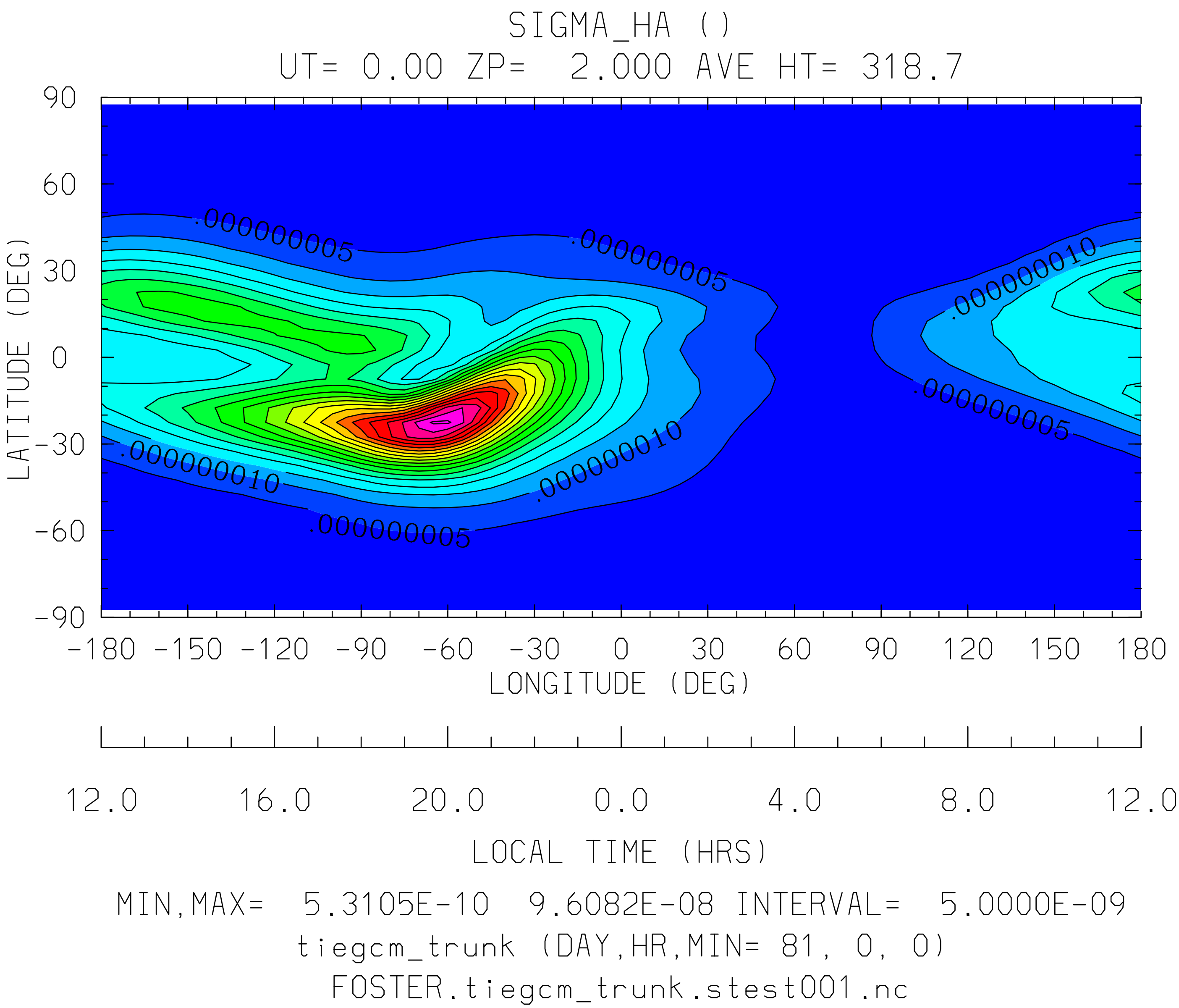


MIN,MAX= 2.0719E-06 5.1861E-04 INTERVAL= 4.0000E-05

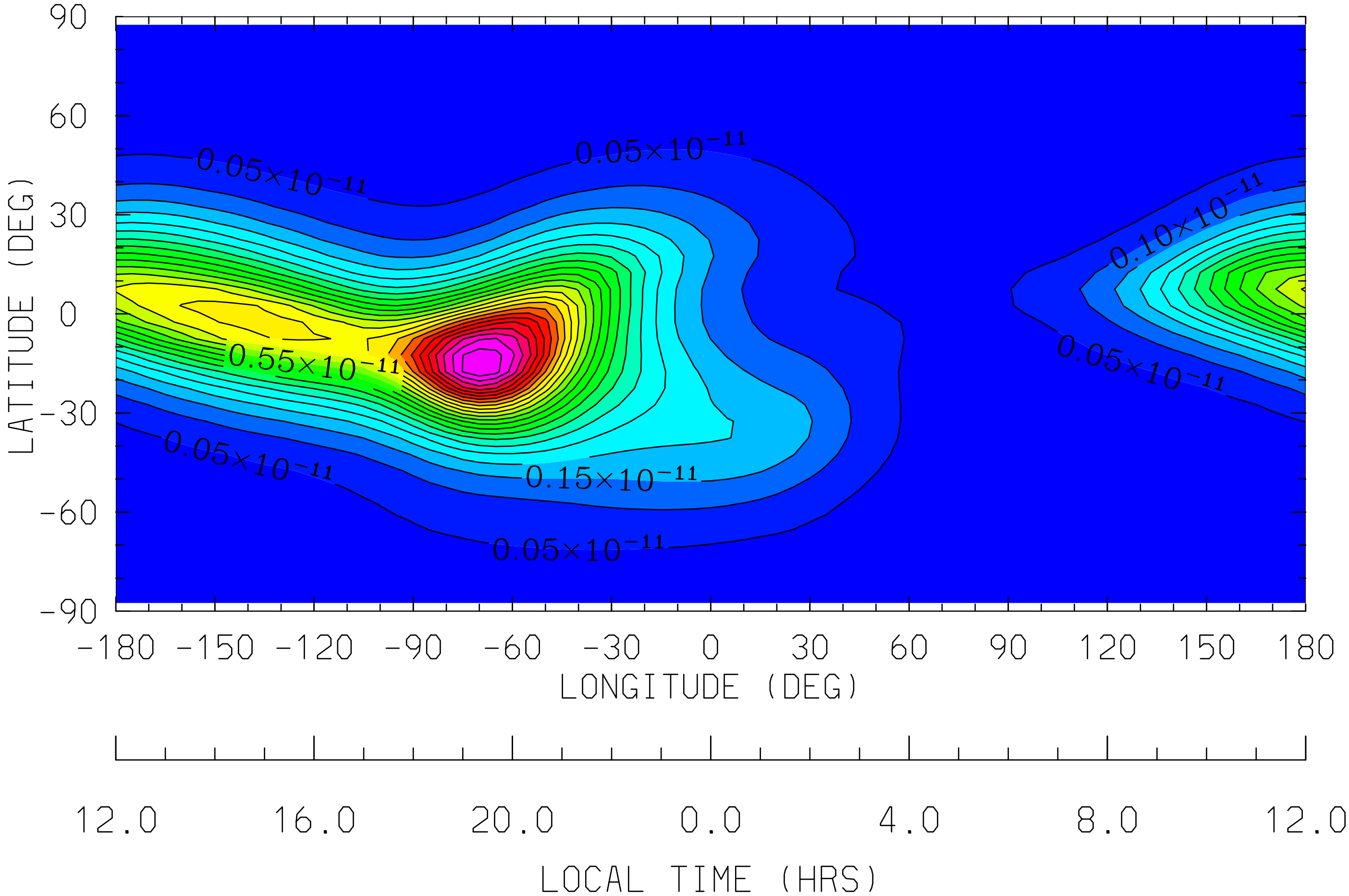
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)

FOSTER.tiegcm_trunk.stest001.nc

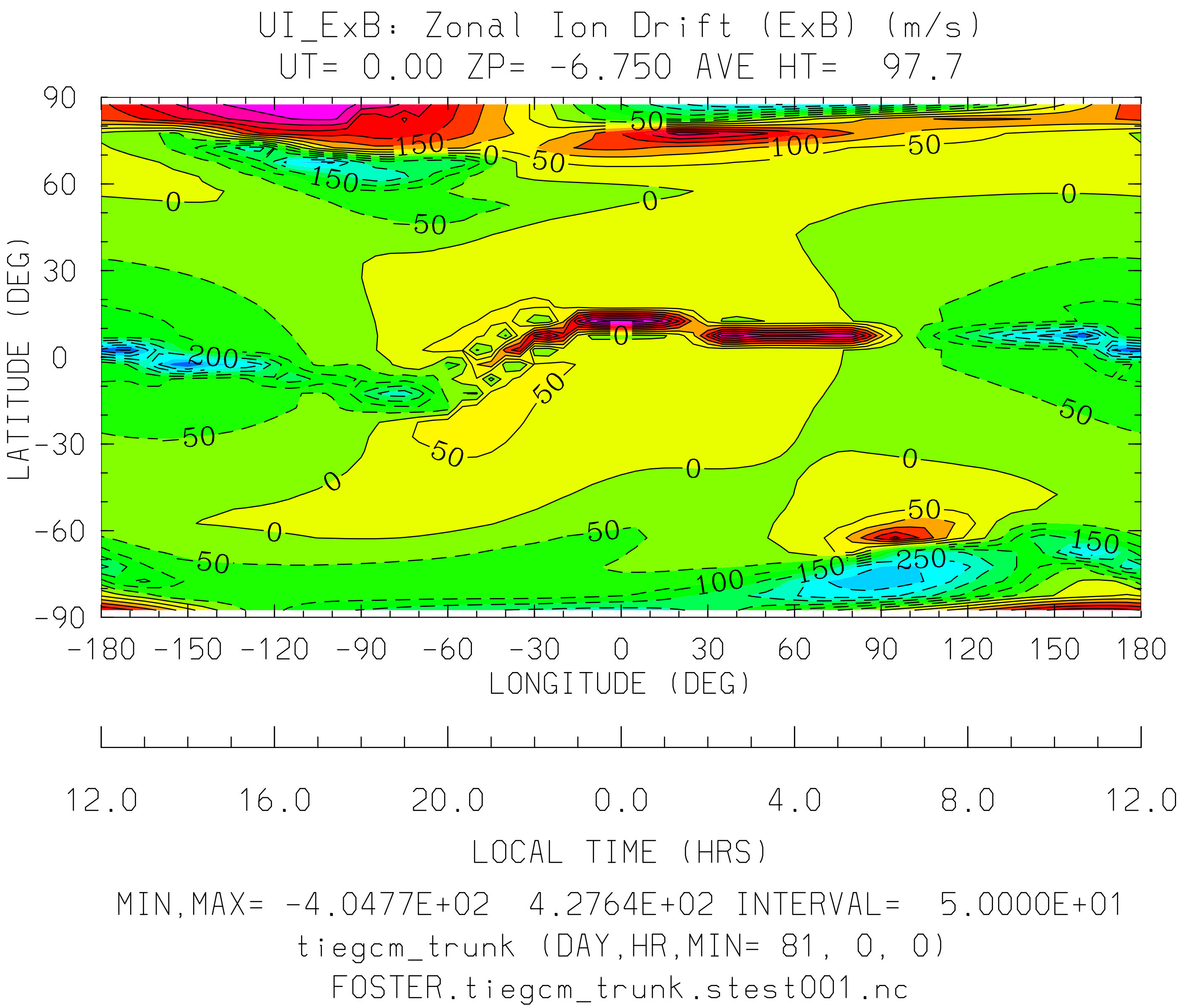

SIGMA_HA ()
UT= 0.00 ZP= 0.000 AVE HT= 228.5
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
.00000010
.00000035
.00000015
.00000005
.00000010
.00000005
.00000005
.00000015
.00000010
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.4248E-10 8.5496E-07 INTERVAL= 5.0000E-08
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc


SIGMA_HA ()
UT= 0.00 ZP= 2.000 AVE HT= 318.7
.000000005
.000000005
.000000010
.000000010
.000000010
.000000005
.000000005
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= 5.3105E-10 9.6082E-08 INTERVAL= 5.0000E-09
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

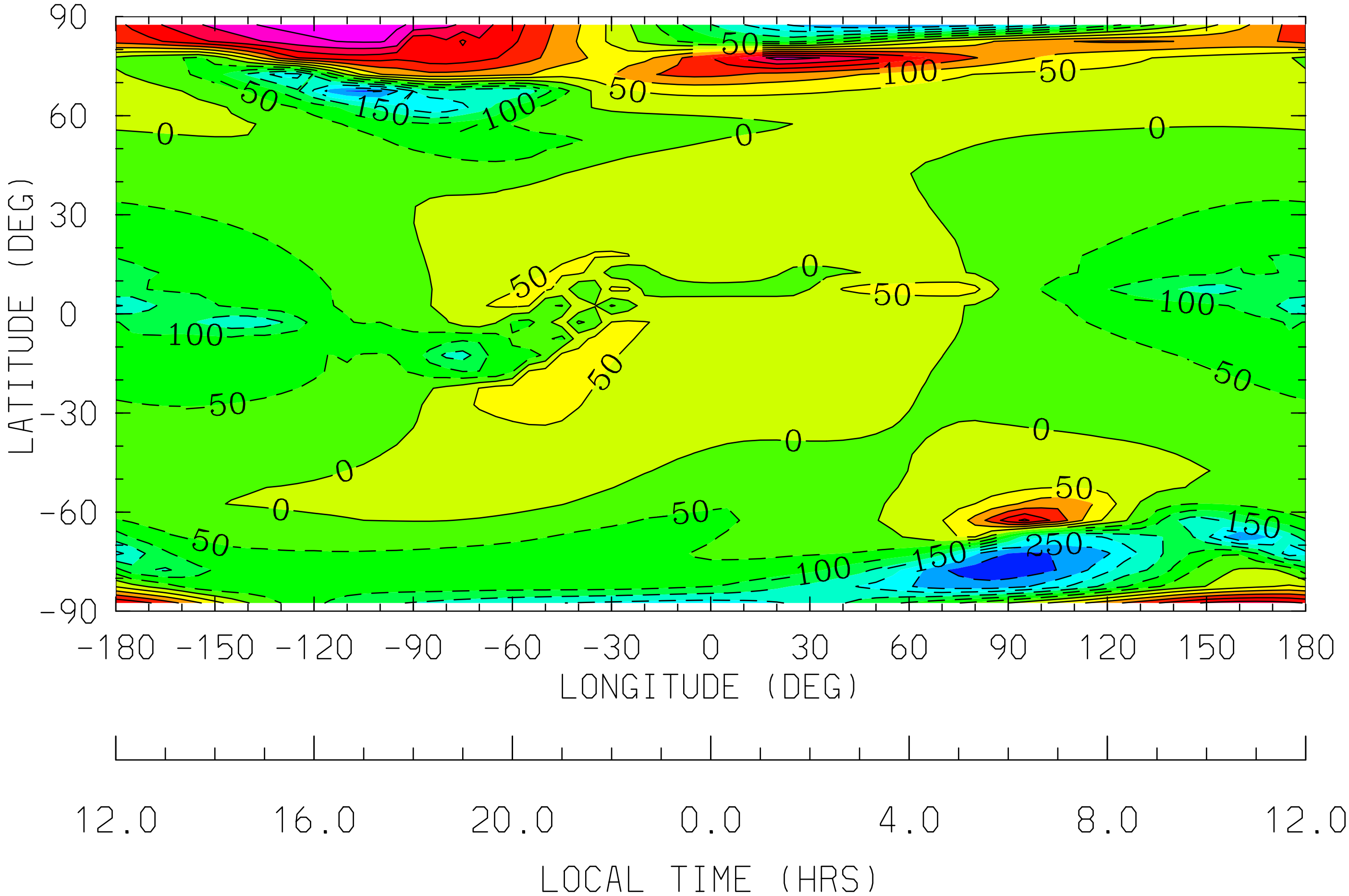
SIGMA_HA ()
UT= 0.00 ZP= 6.000 AVE HT= 543.4



MIN,MAX= 1.3235E-13 1.1942E-11 INTERVAL= 5.0000E-13
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

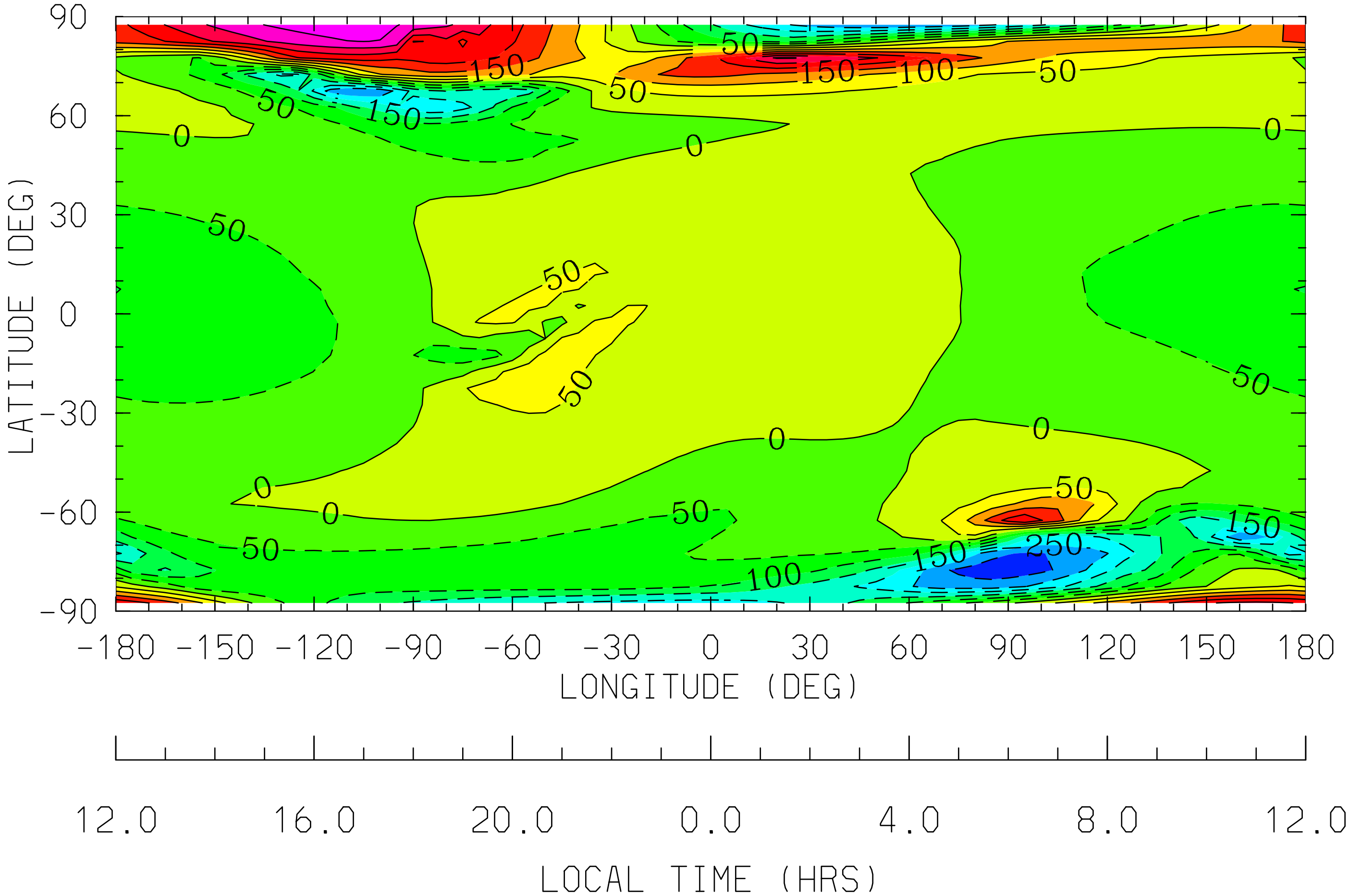

UI_ExB: Zonal Ion Drift (ExB) (m/s)
UT= 0.00 ZP= -6.750 AVE HT= 97.7
LATITUDE (DEG)
LONGITUDE (DEG)
LOCAL TIME (HRS)
MIN,MAX= -4.0477E+02 4.2764E+02 INTERVAL= 5.0000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

UI_ExB: Zonal Ion Drift (ExB) (m/s)
UT= 0.00 ZP= -4.250 AVE HT= 115.1



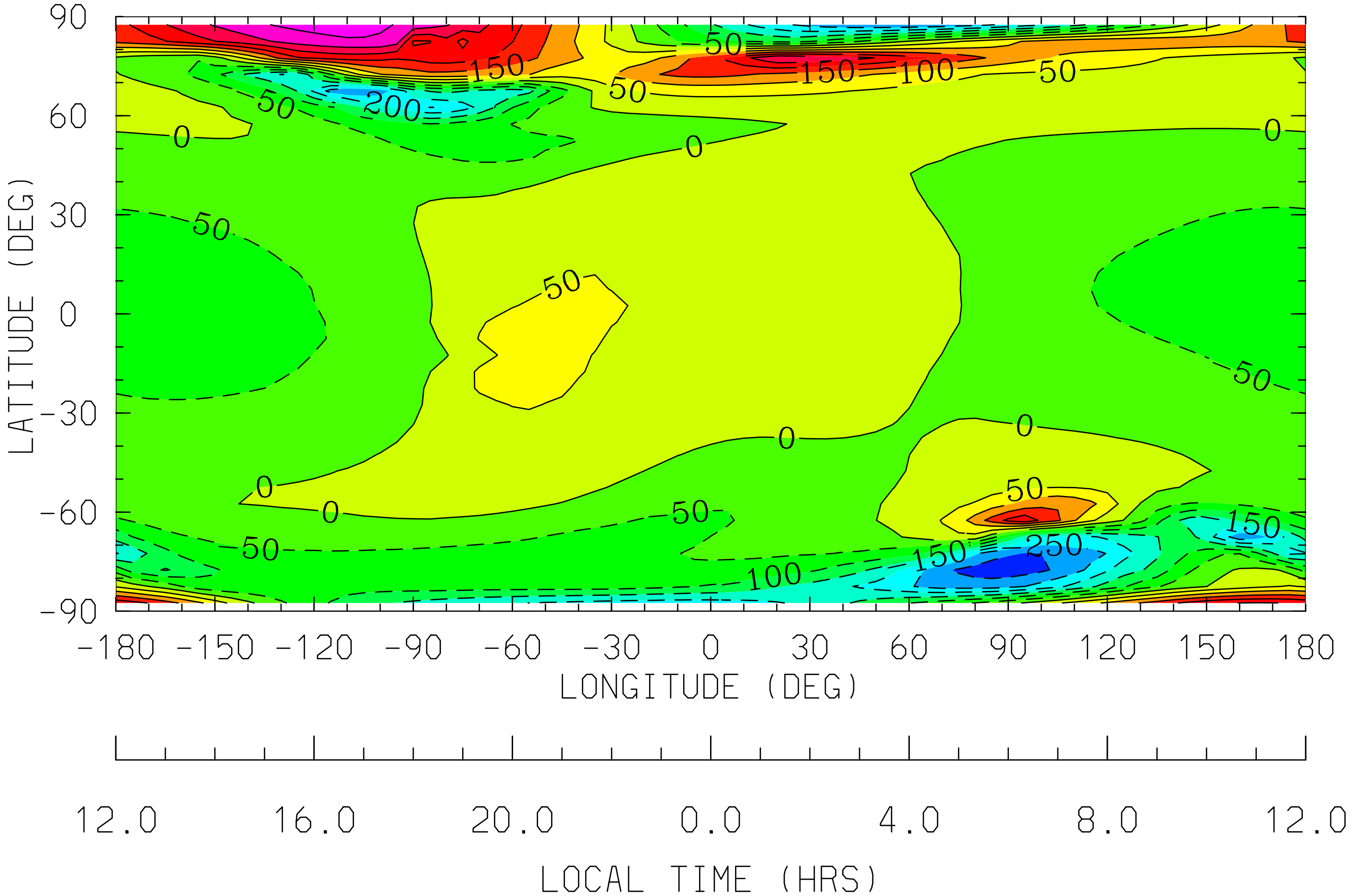
MIN,MAX= -3.3596E+02 3.7935E+02 INTERVAL= 5.0000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

UI_ExB: Zonal Ion Drift (ExB) (m/s)
UT= 0.00 ZP= -0.250 AVE HT= 209.5



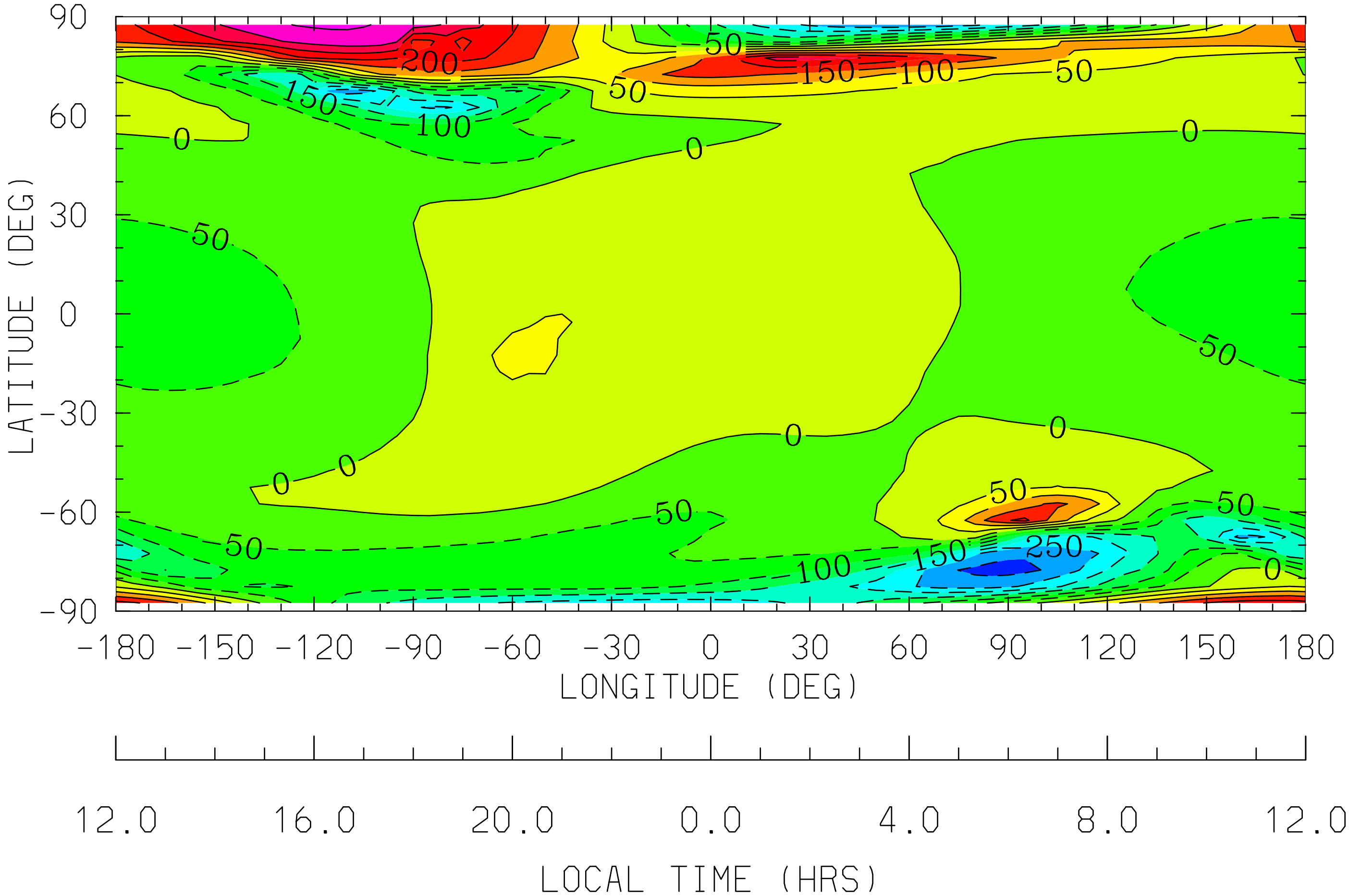
MIN,MAX= -3.3175E+02 3.7420E+02 INTERVAL= 5.0000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

UI_ExB: Zonal Ion Drift (ExB) (m/s)
UT= 0.00 ZP= 1.750 AVE HT= 294.3



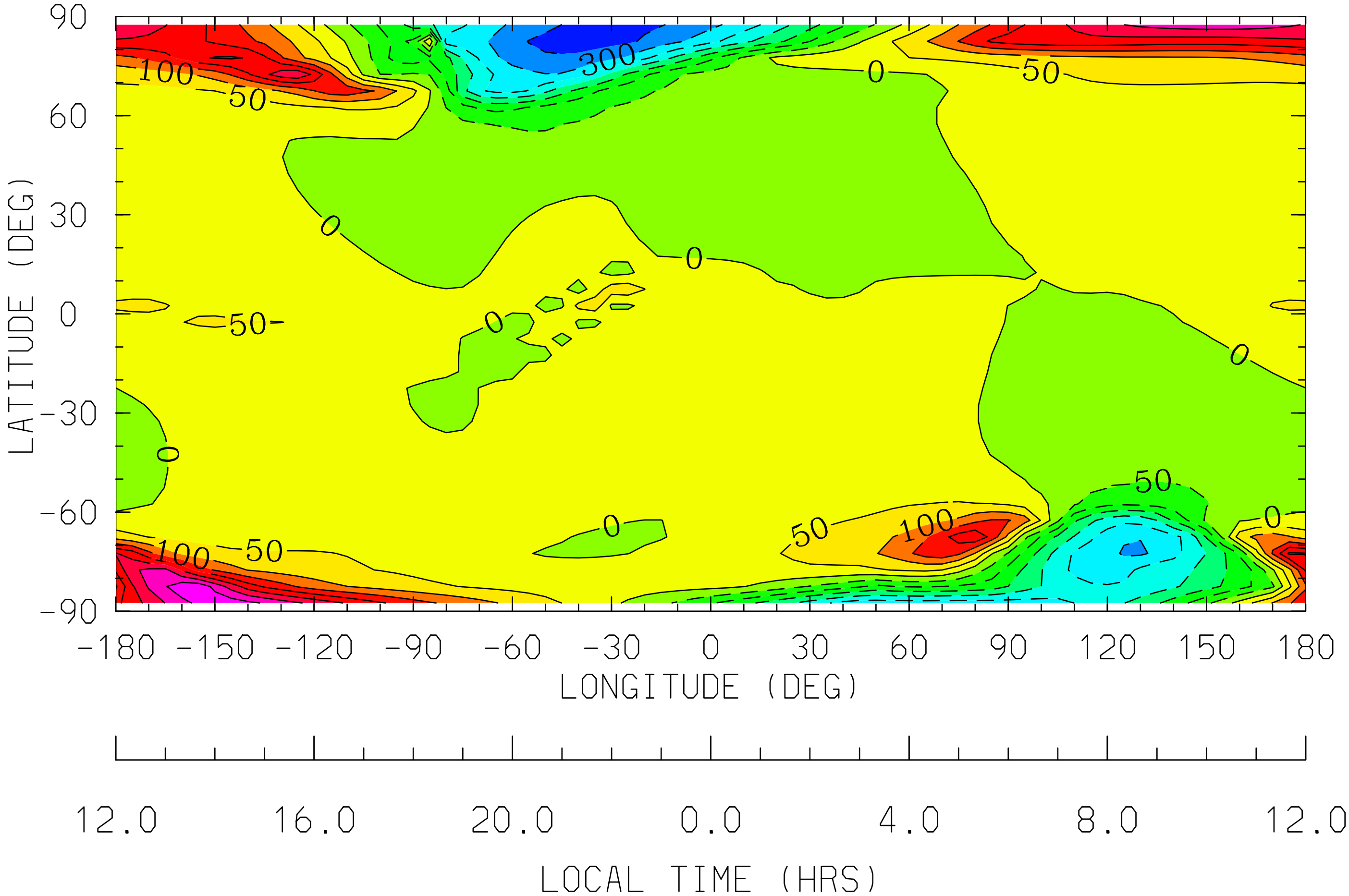
MIN,MAX= -3.2813E+02 3.6963E+02 INTERVAL= 5.0000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

UI_ExB: Zonal Ion Drift (ExB) (m/s)
UT= 0.00 ZP= 5.750 AVE HT= 513.4



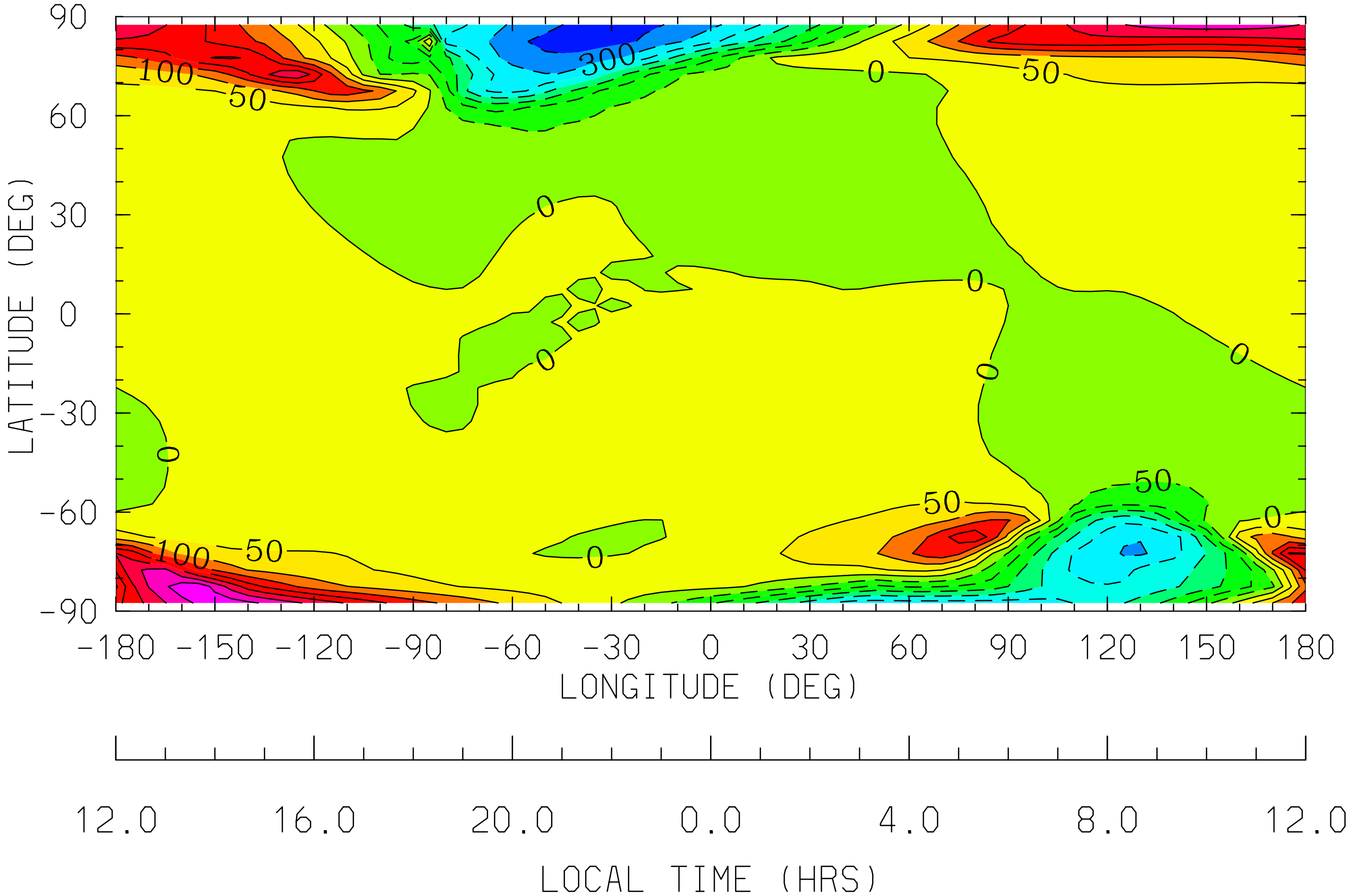
MIN,MAX= -3.1896E+02 3.5817E+02 INTERVAL= 5.0000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

VI_ExB: Meridional Ion Drift (ExB) (m/s)
UT= 0.00 ZP= -6.750 AVE HT= 97.7

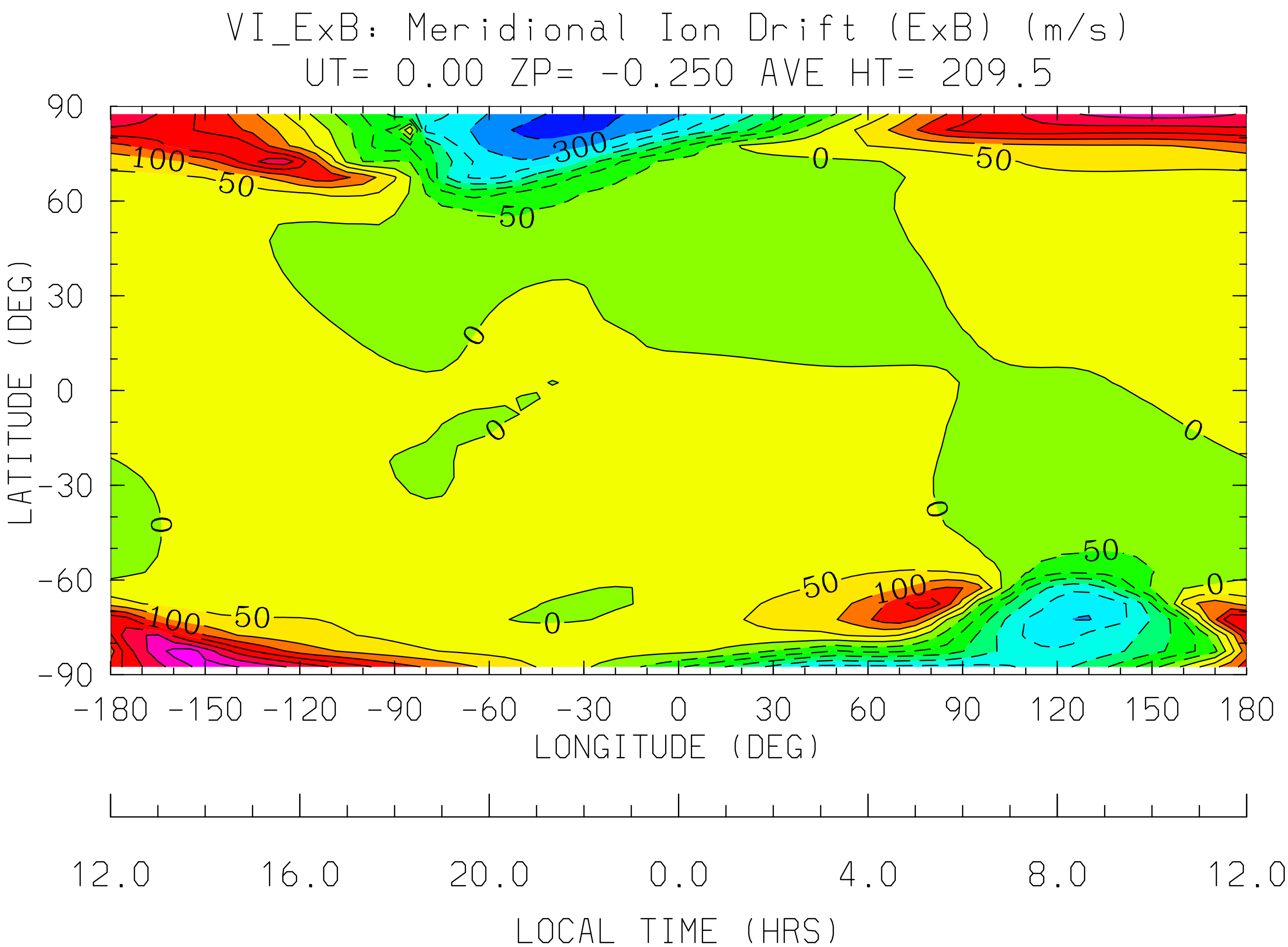


MIN,MAX= -3.7454E+02 3.9025E+02 INTERVAL= 5.0000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

VI_ExB: Meridional Ion Drift (ExB) (m/s)
UT= 0.00 ZP= -4.250 AVE HT= 115.1



MIN,MAX= -3.7360E+02 3.8827E+02 INTERVAL= 5.0000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

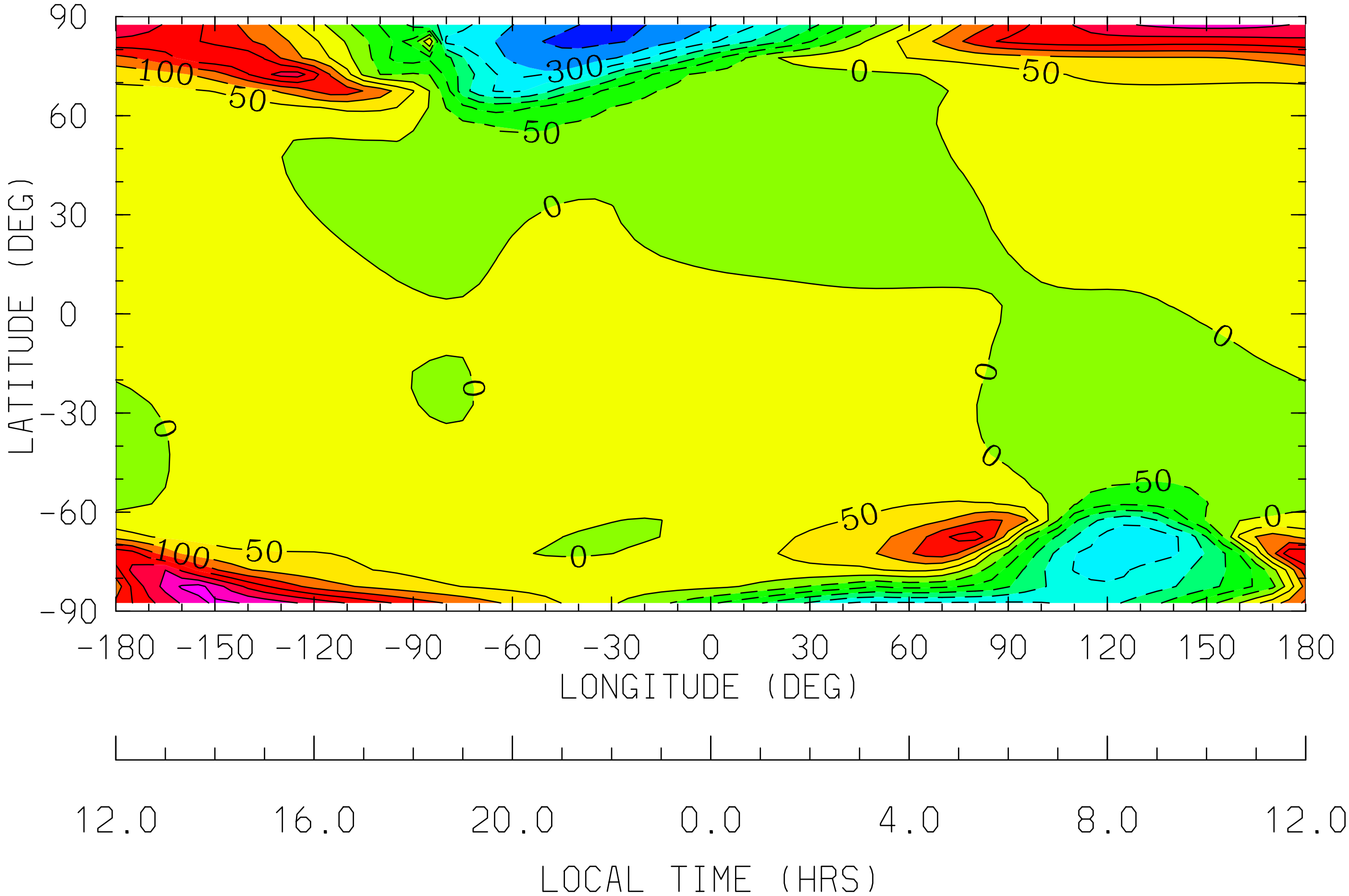


MIN,MAX= -3.6860E+02 3.7787E+02 INTERVAL= 5.0000E+01

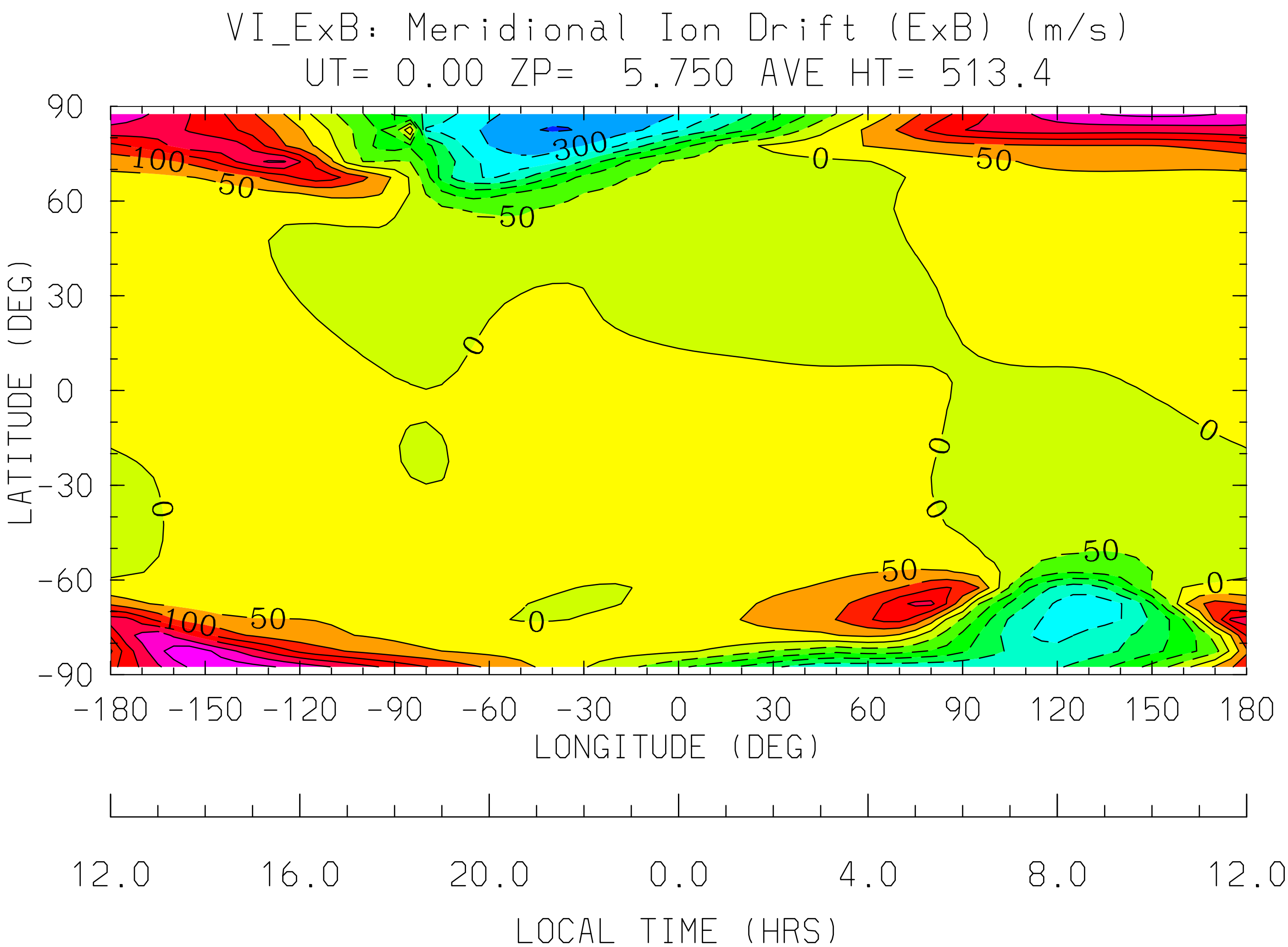
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)

FOSTER.tiegcm_trunk.stest001.nc

VI_ExB: Meridional Ion Drift (ExB) (m/s)
UT= 0.00 ZP= 1.750 AVE HT= 294.3

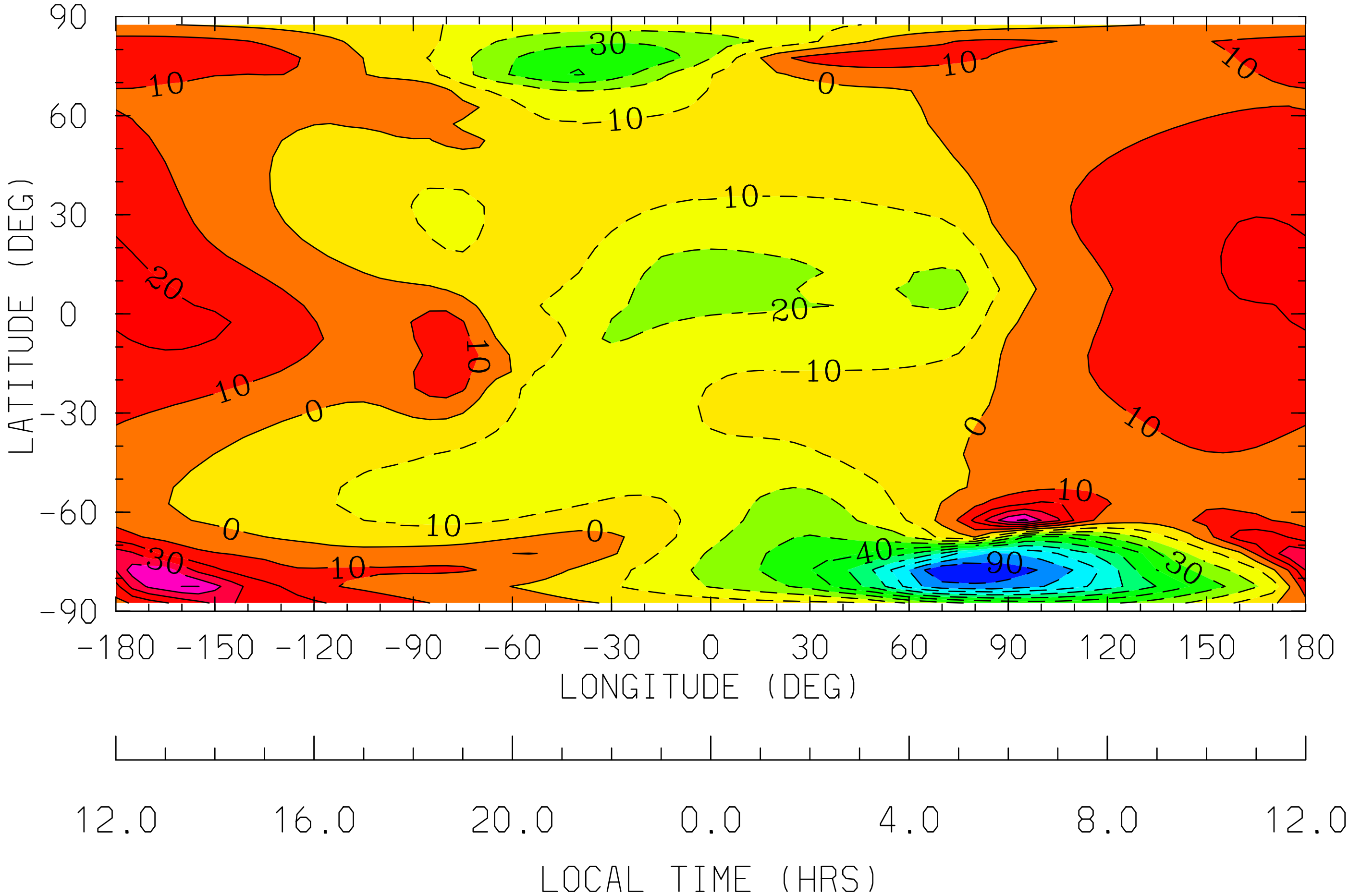


MIN,MAX= -3.6432E+02 3.6866E+02 INTERVAL= 5.0000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc



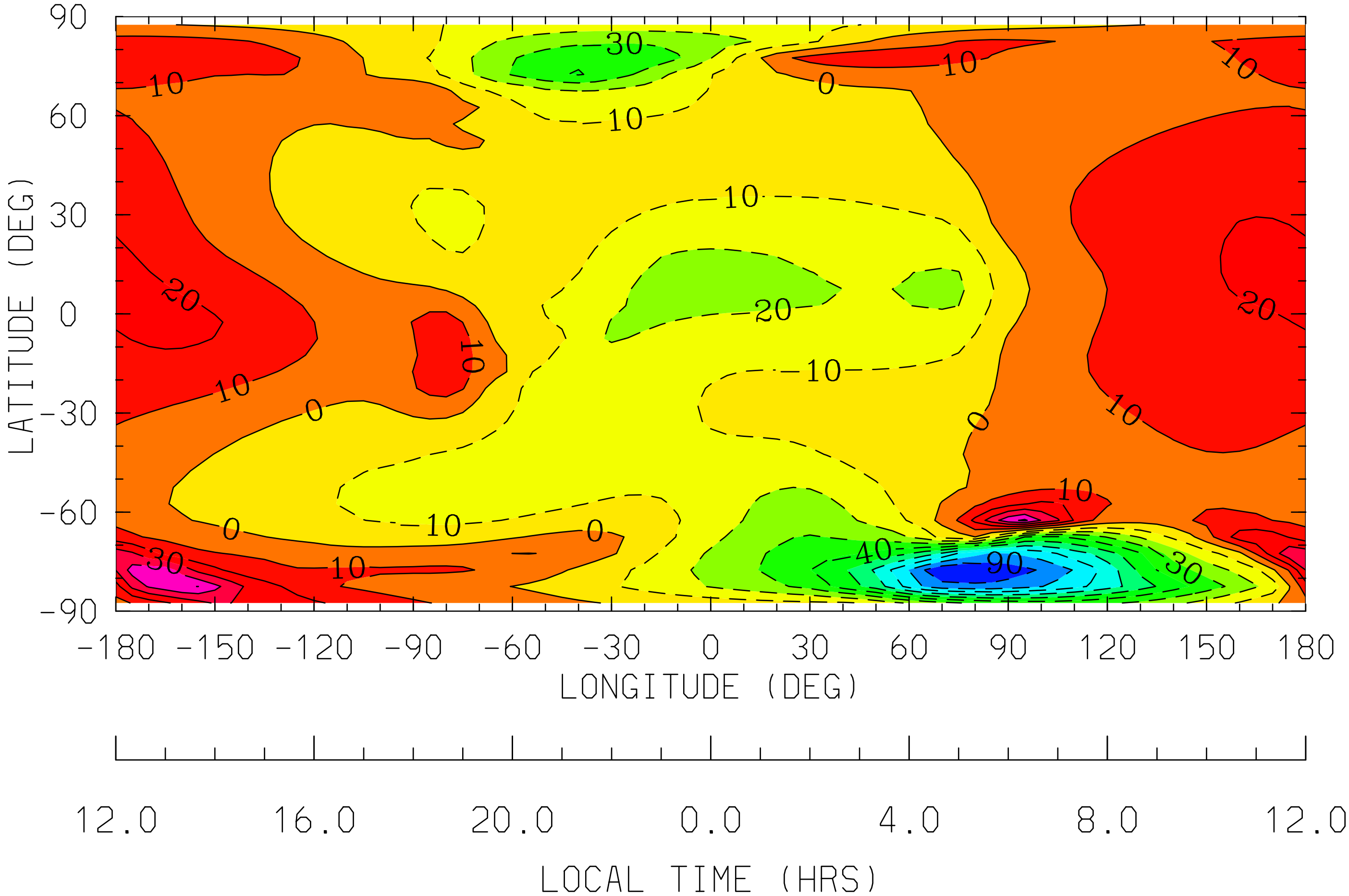
MIN,MAX= -3.5343E+02 3.4583E+02 INTERVAL= 5.0000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

WI_ExB: Vertical Ion Drift (ExB) (m/s)
UT= 0.00 ZP= -6.750 AVE HT= 97.7

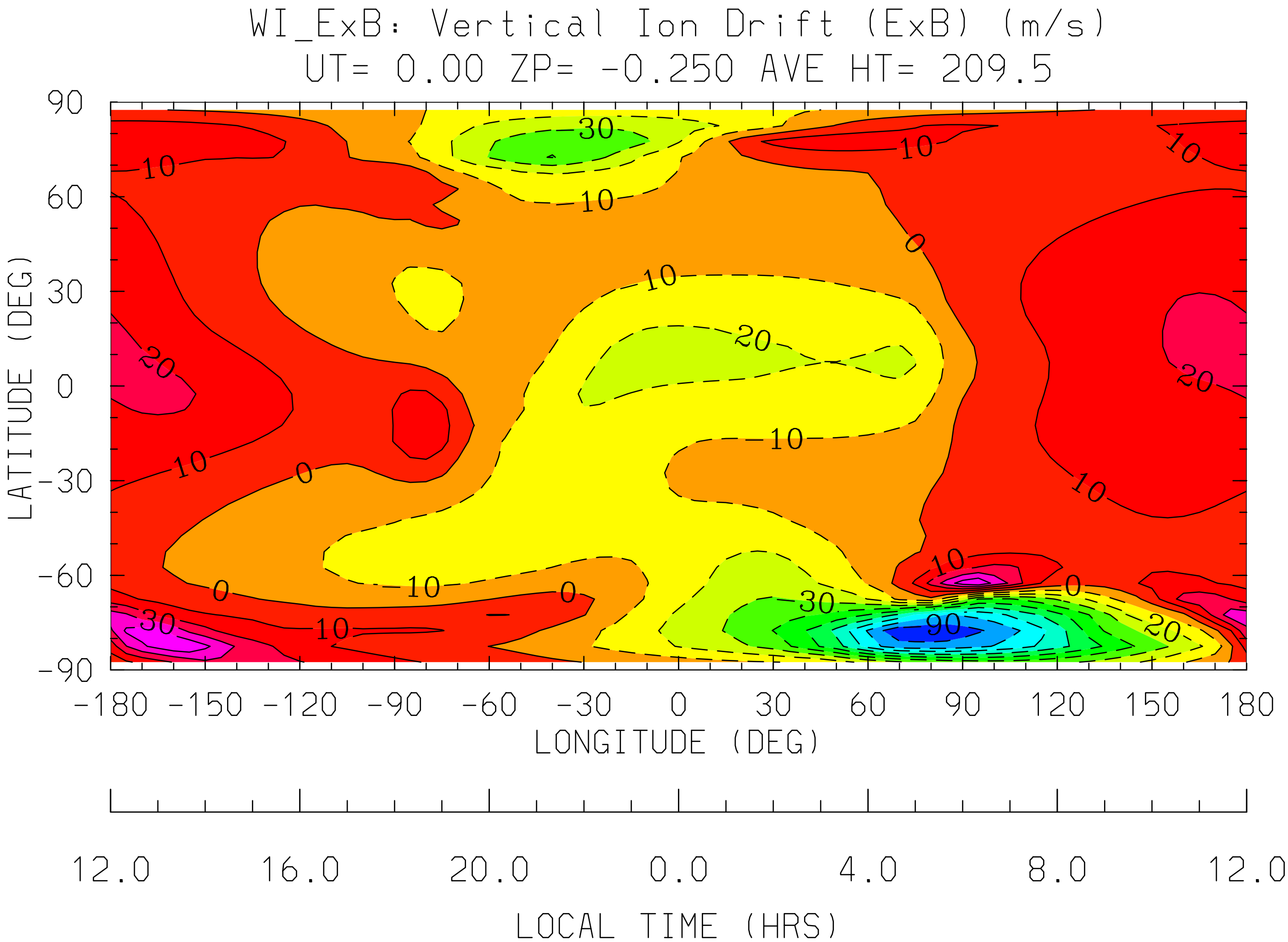


MIN,MAX= -9.9615E+01 5.2395E+01 INTERVAL= 1.0000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

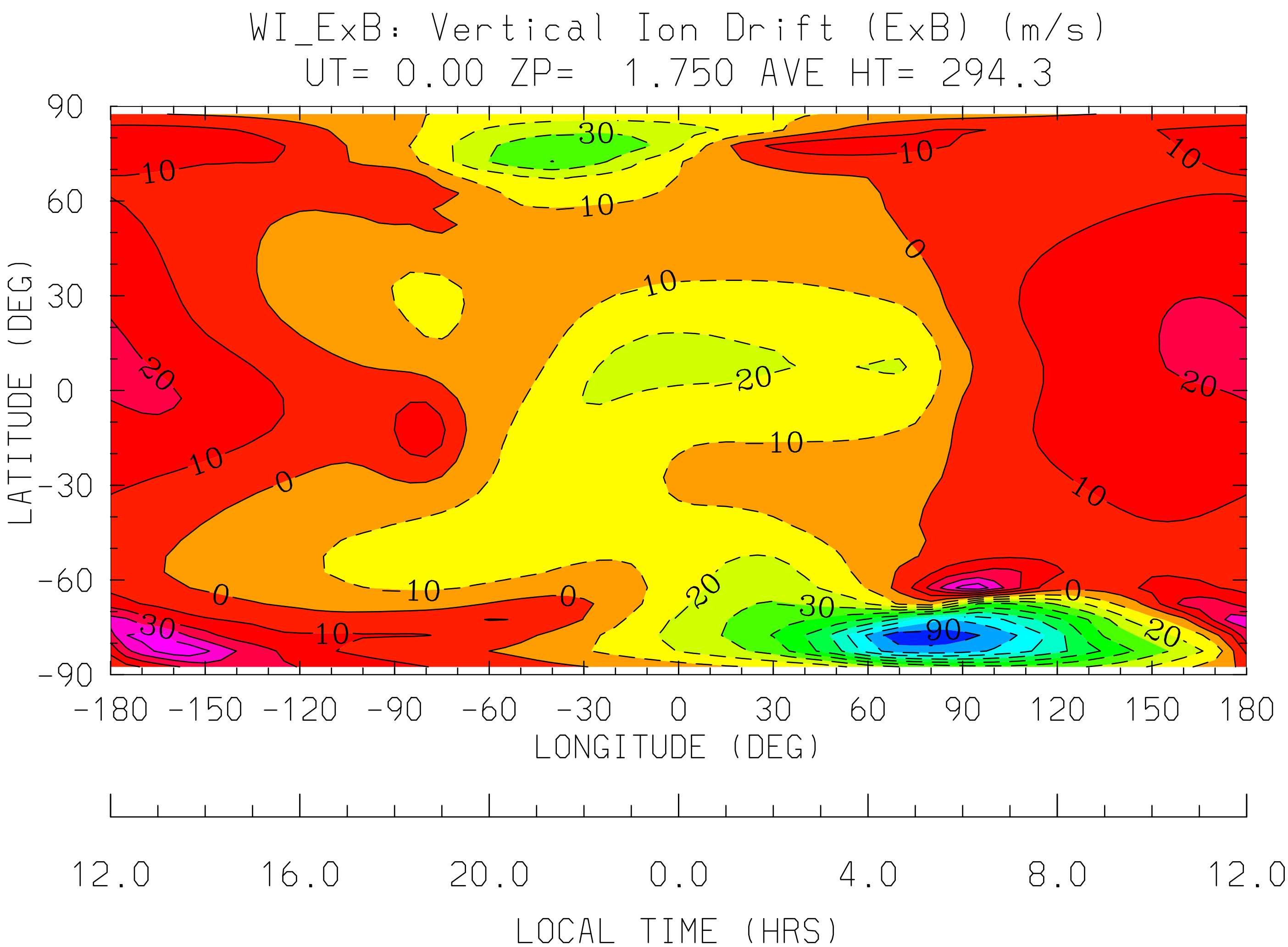
WI_ExB: Vertical Ion Drift (ExB) (m/s)
UT= 0.00 ZP= -4.250 AVE HT= 115.1



MIN,MAX= -9.9433E+01 5.1907E+01 INTERVAL= 1.0000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

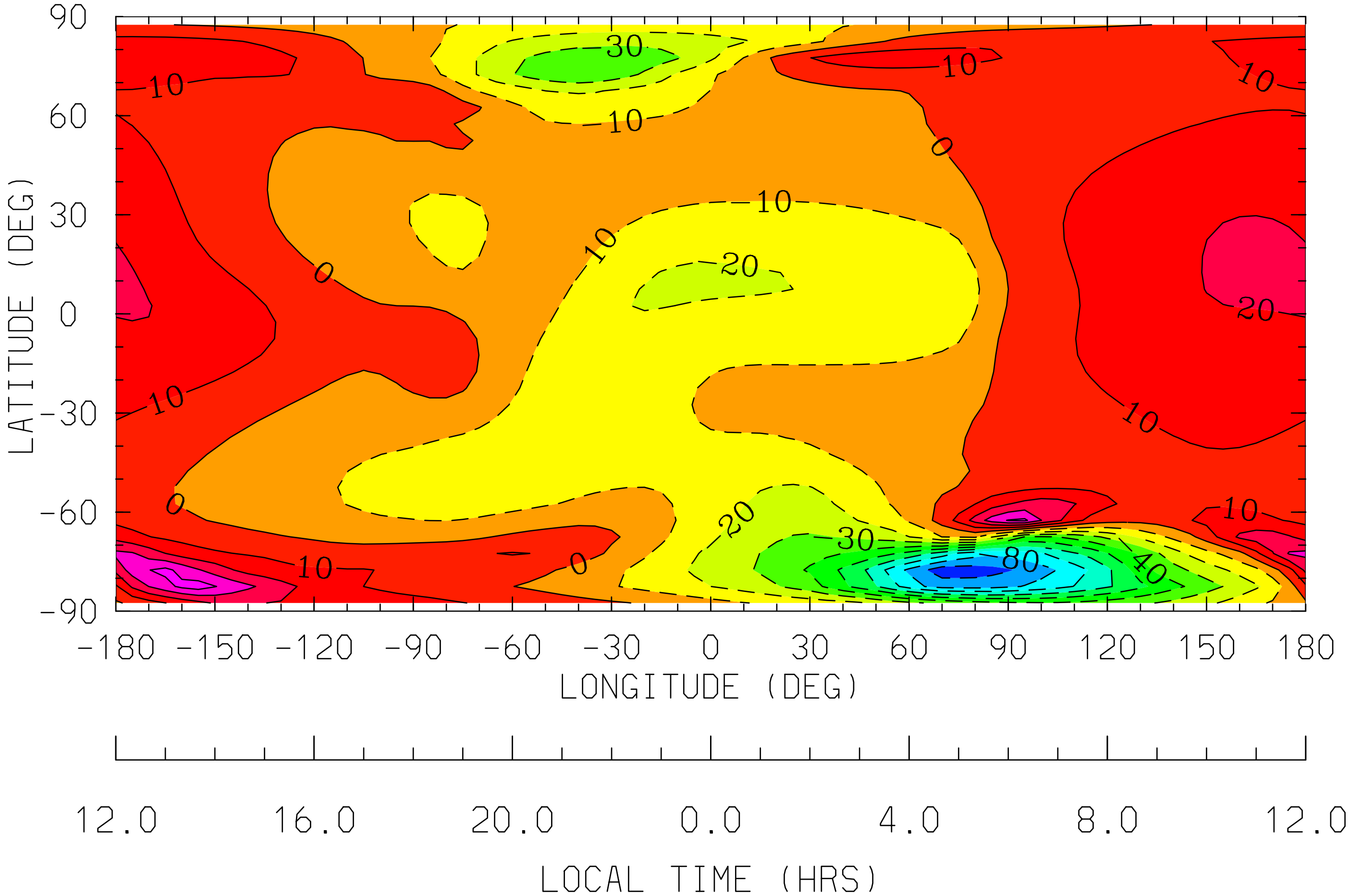


MIN,MAX= -9.8550E+01 4.9441E+01 INTERVAL= 1.0000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

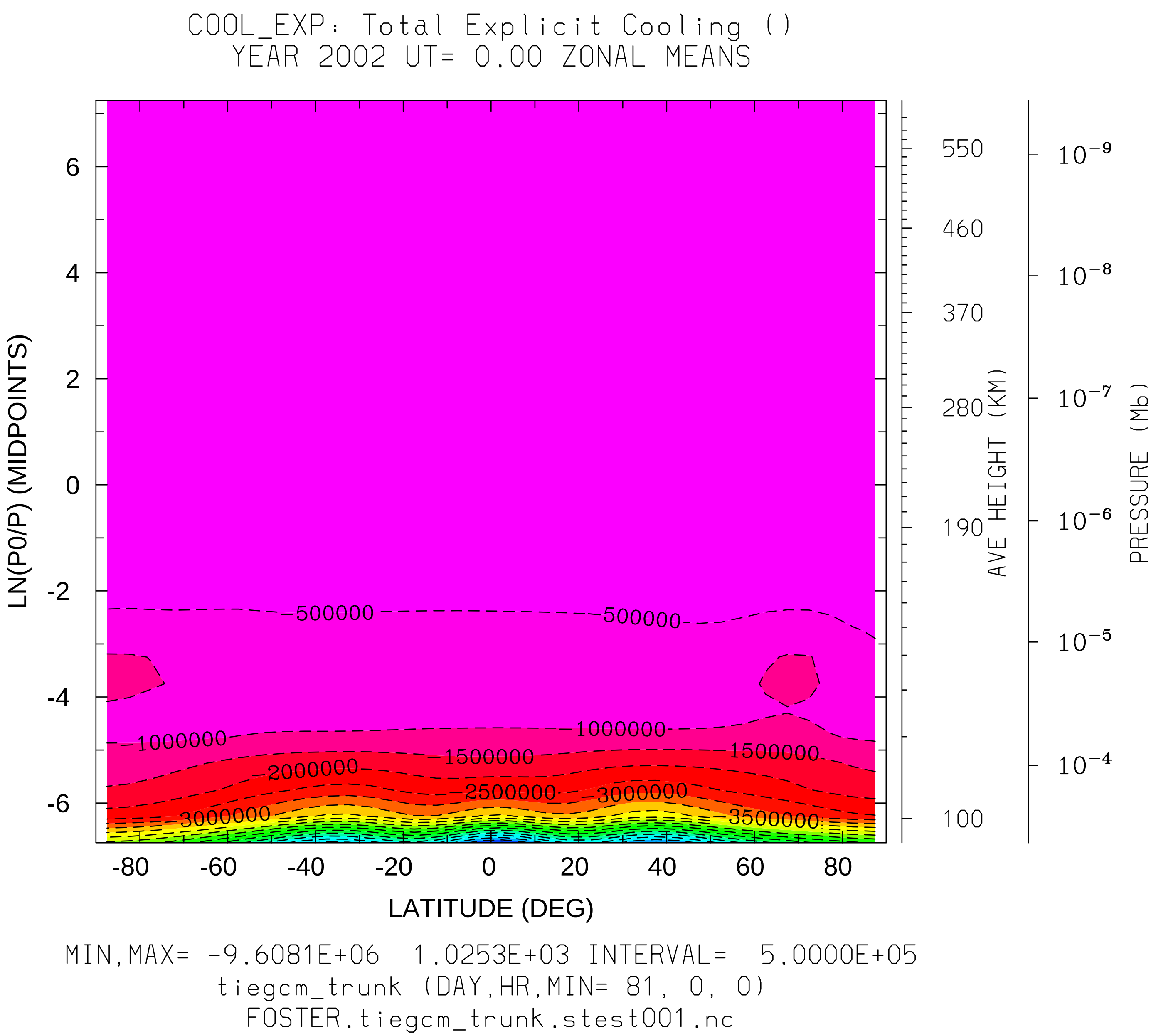


MIN,MAX= -9.7822E+01 4.7655E+01 INTERVAL= 1.0000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

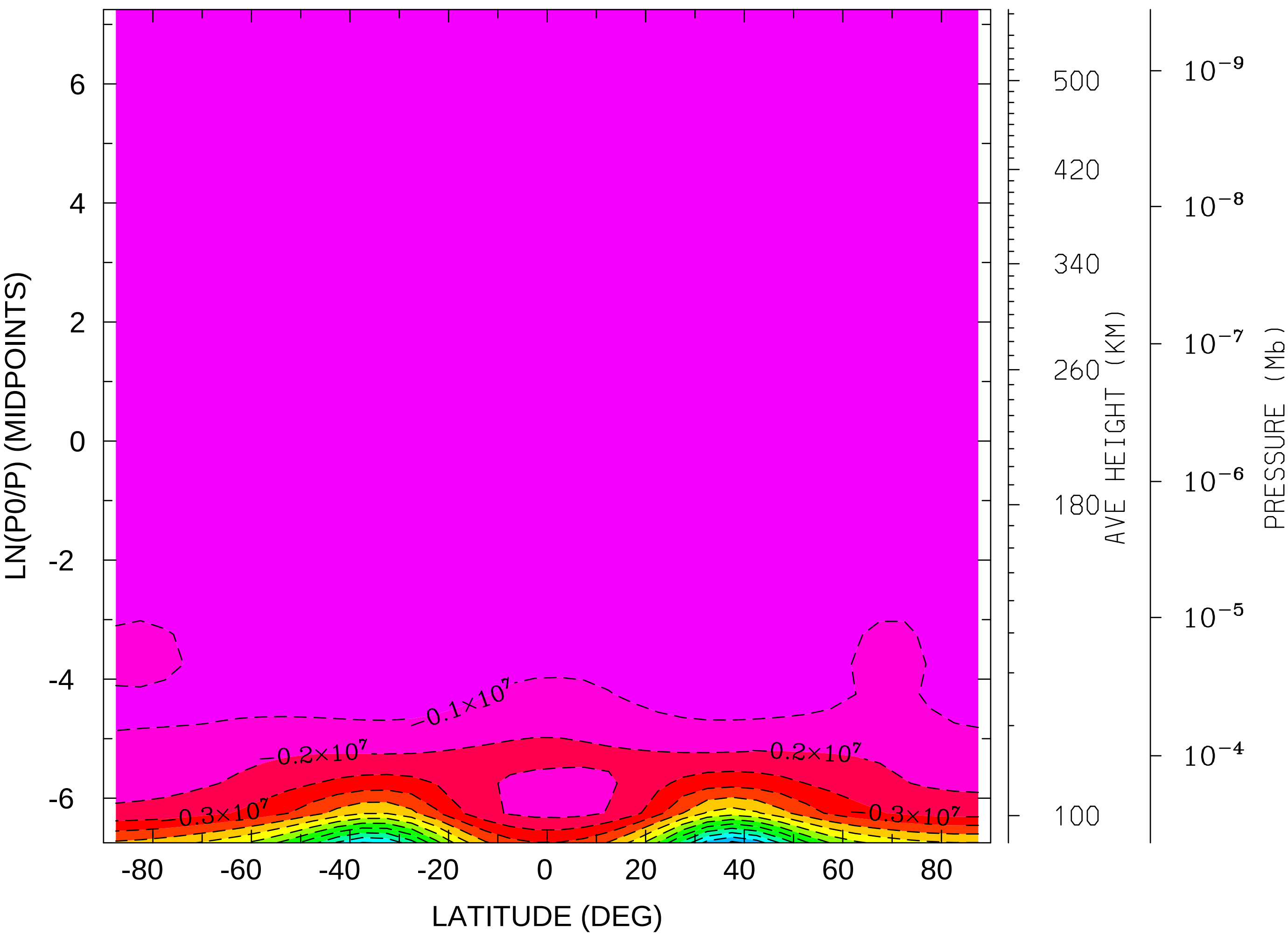
WI_ExB: Vertical Ion Drift (ExB) (m/s)
UT= 0.00 ZP= 5.750 AVE HT= 513.4



MIN,MAX= -9.5955E+01 4.4889E+01 INTERVAL= 1.0000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

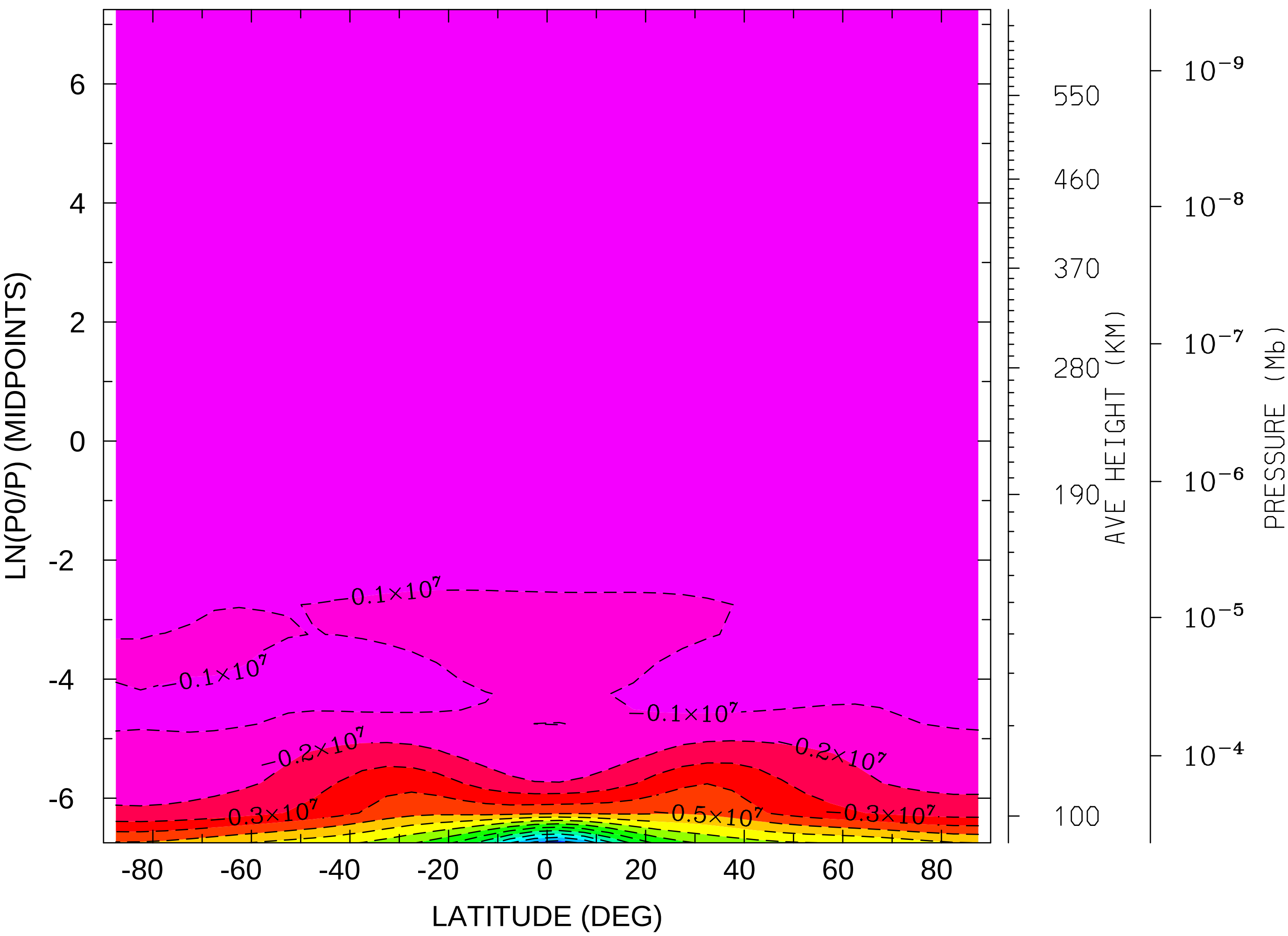

COOL_EXP: Total Explicit Cooling ()
YEAR 2002 UT= 0.00 ZONAL MEANS
LN(P0/P) (MIDPOINTS)
AVE HEIGHT (KM)
PRESSURE (Mb)
LATITUDE (DEG)
500000
1000000
1500000
2000000
2500000
3000000
3500000
550
460
370
280
190
100
MIN,MAX= -9.6081E+06 1.0253E+03 INTERVAL= 5.0000E+05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

COOL_EXP: Total Explicit Cooling ()
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



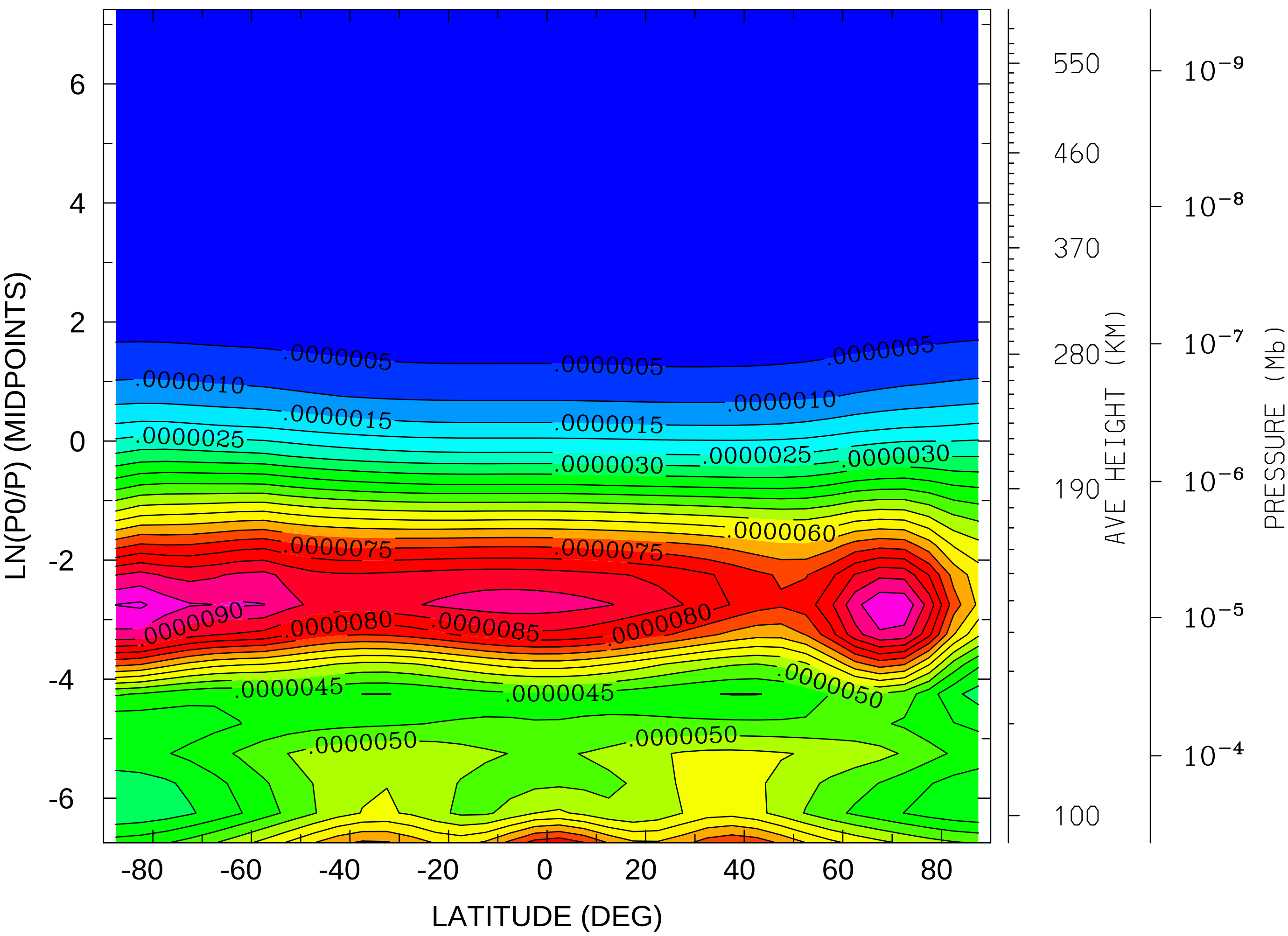
MIN,MAX= -1.3303E+07 1.3322E+03 INTERVAL= 1.0000E+06
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

COOL_EXP: Total Explicit Cooling ()
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



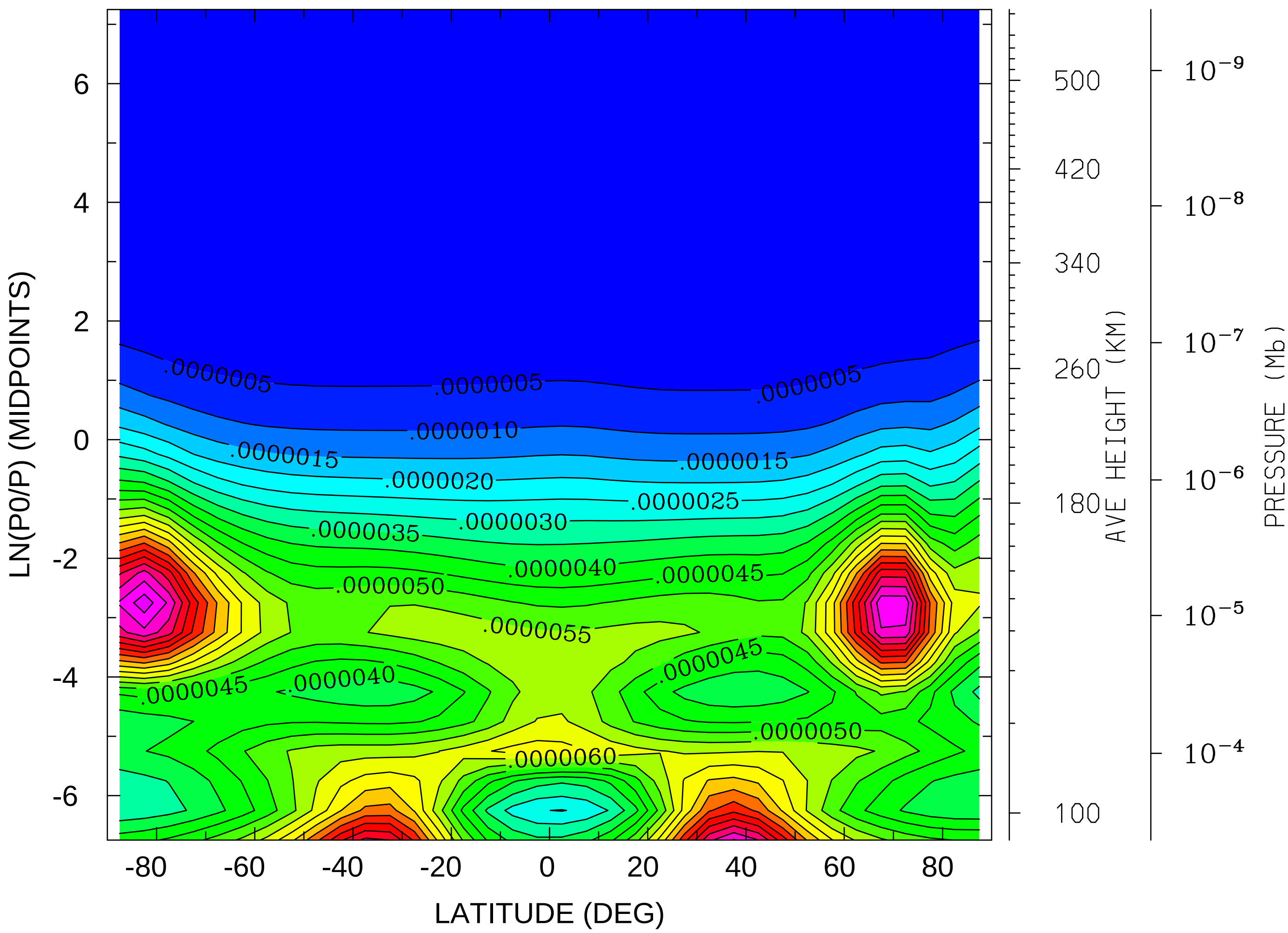
MIN,MAX= -1.3616E+07 9.8447E+02 INTERVAL= 1.0000E+06
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

COOL_IMP: Total Implicit Cooling ()
YEAR 2002 UT= 0.00 ZONAL MEANS



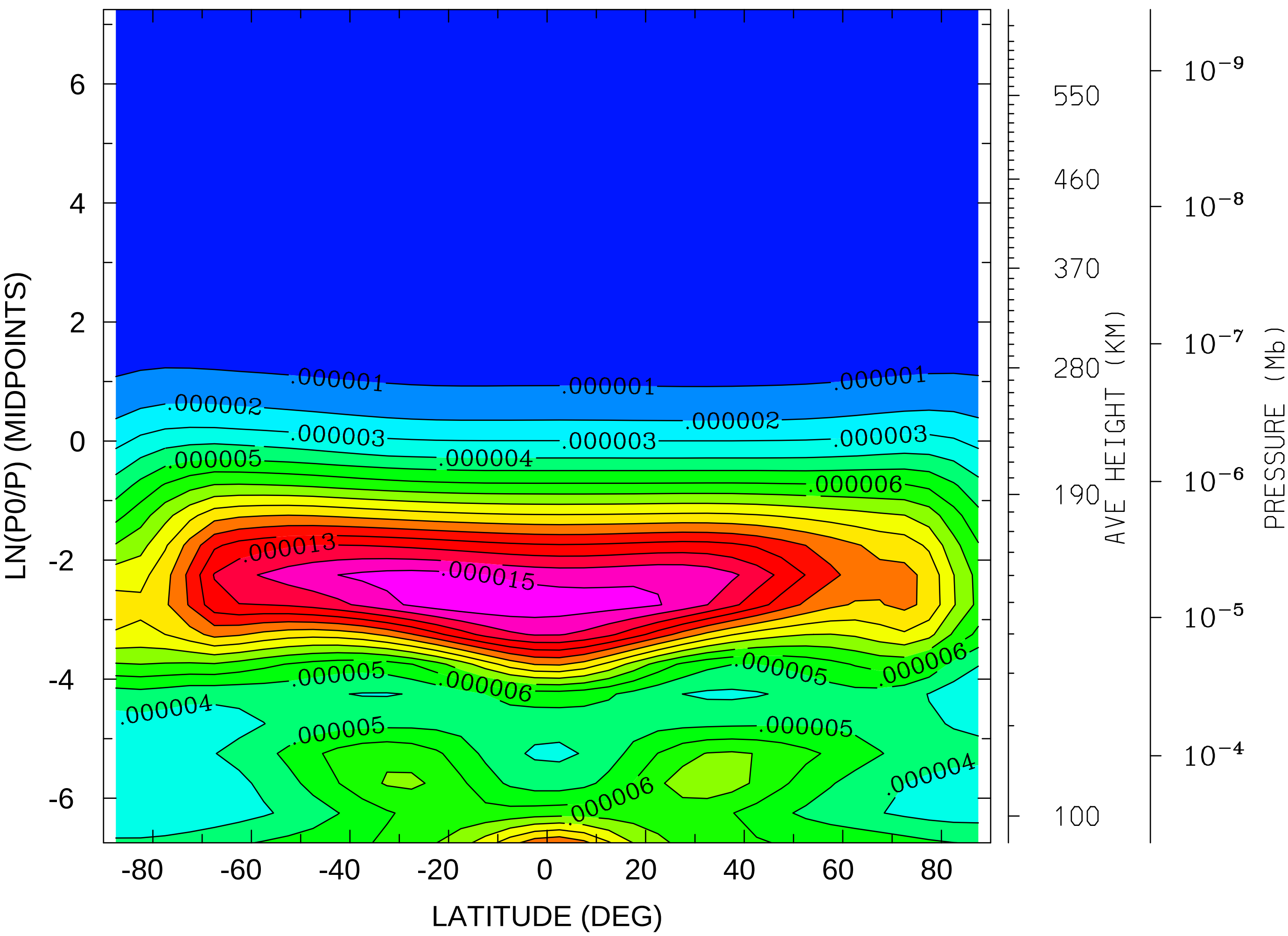
MIN,MAX= 0.0000E+00 1.0087E-05 INTERVAL= 5.0000E-07
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

COOL_IMP: Total Implicit Cooling ()
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



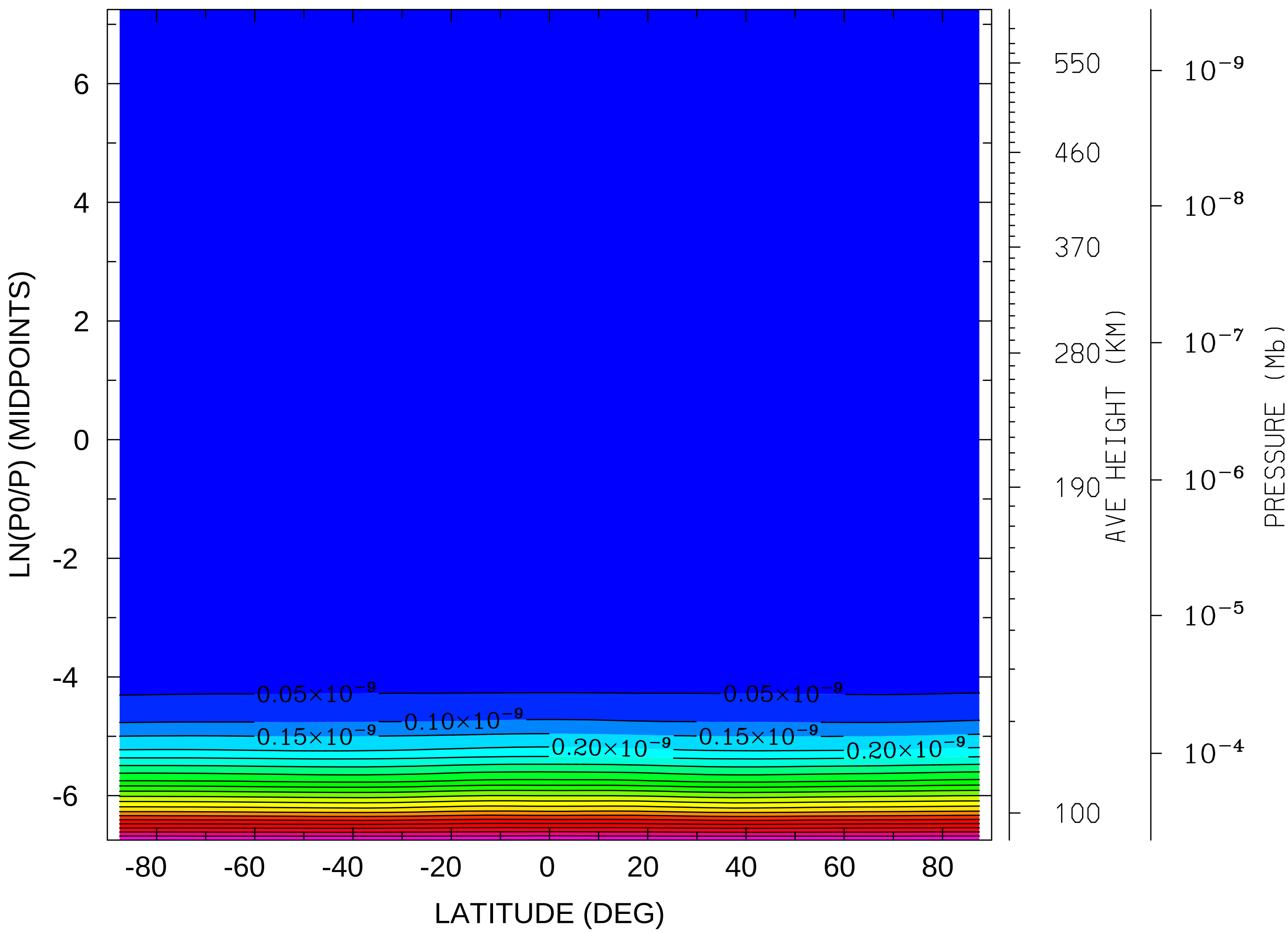
MIN,MAX= 0.0000E+00 1.1328E-05 INTERVAL= 5.0000E-07
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

COOL_IMP: Total Implicit Cooling ()
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



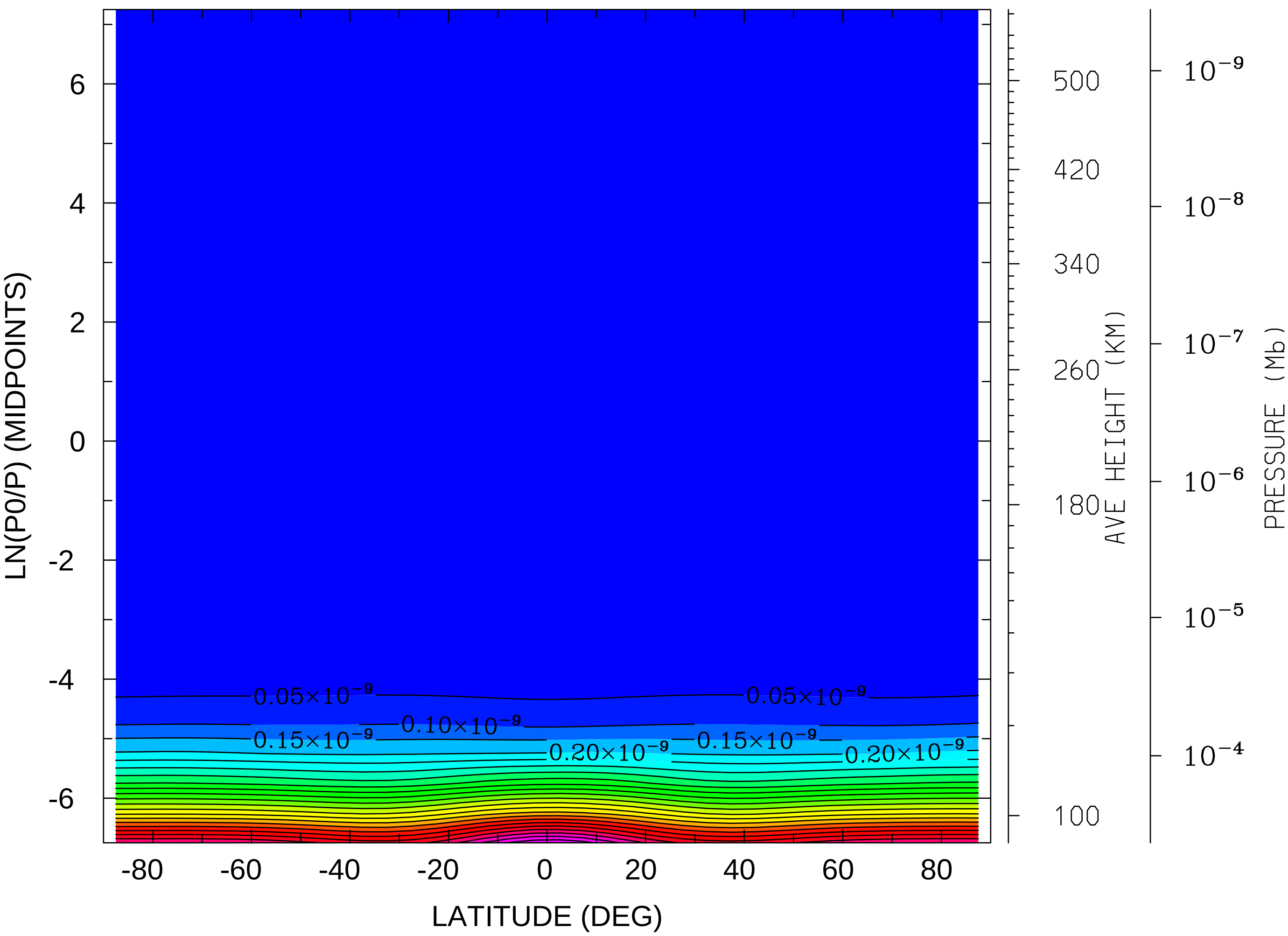
MIN,MAX= 0.0000E+00 1.5792E-05 INTERVAL= 1.0000E-06
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

DEN: Total Density ()
YEAR 2002 UT= 0.00 ZONAL MEANS



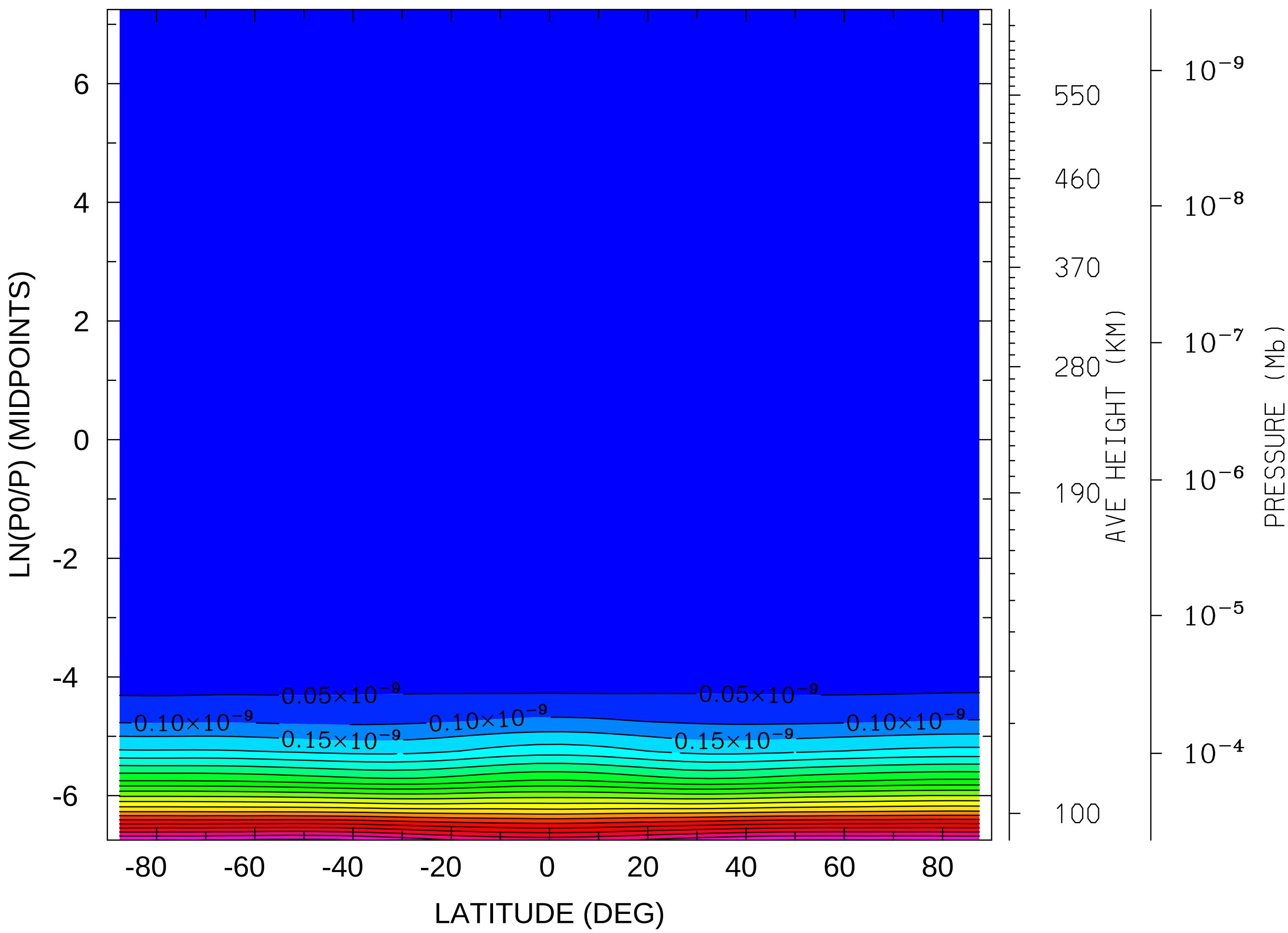
MIN,MAX= 8.6450E-17 1.0518E-09 INTERVAL= 5.0000E-11
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

DEN: Total Density ()
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)

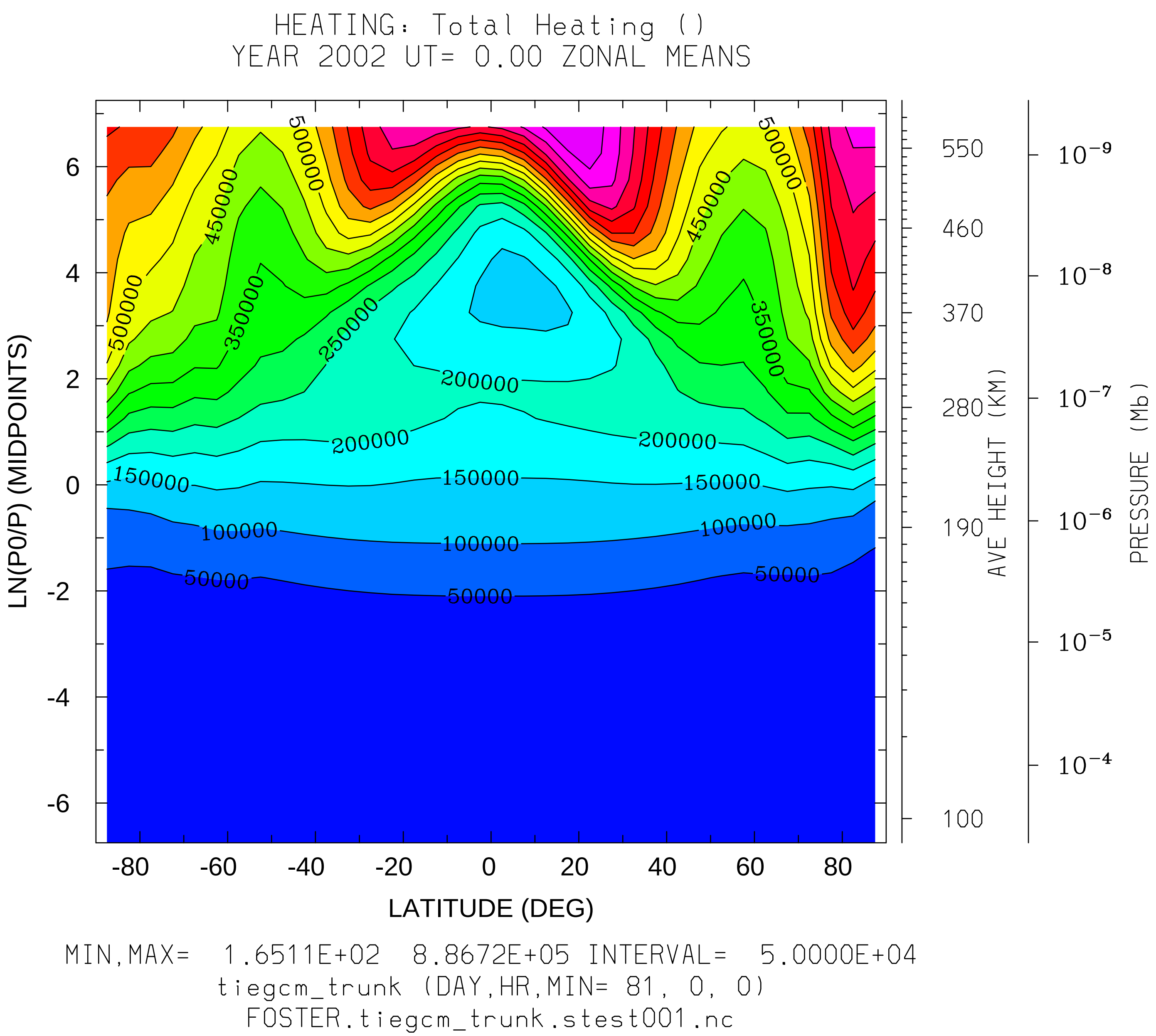


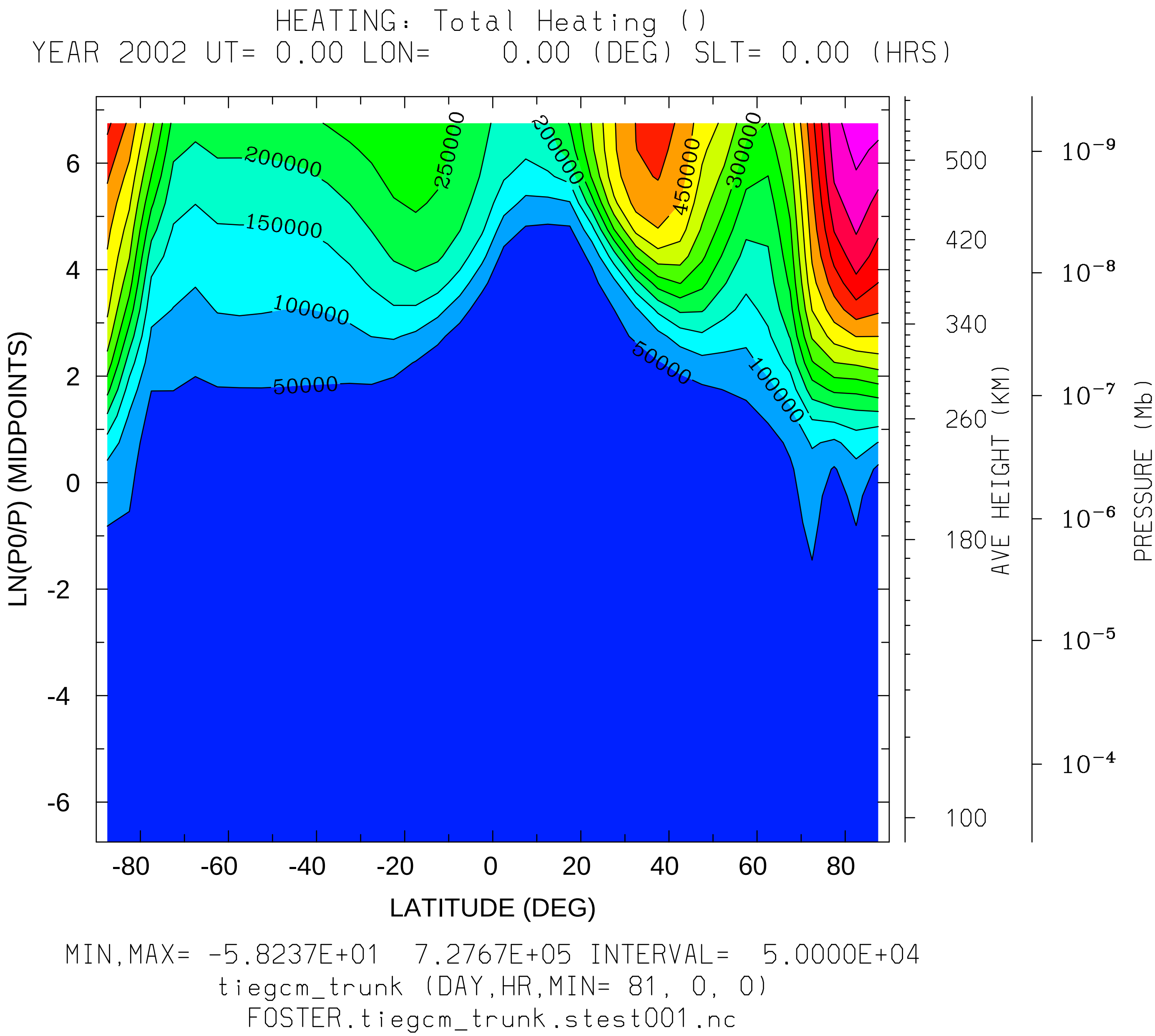
MIN,MAX= 8.7286E-17 1.1938E-09 INTERVAL= 5.0000E-11
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

DEN: Total Density ()
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



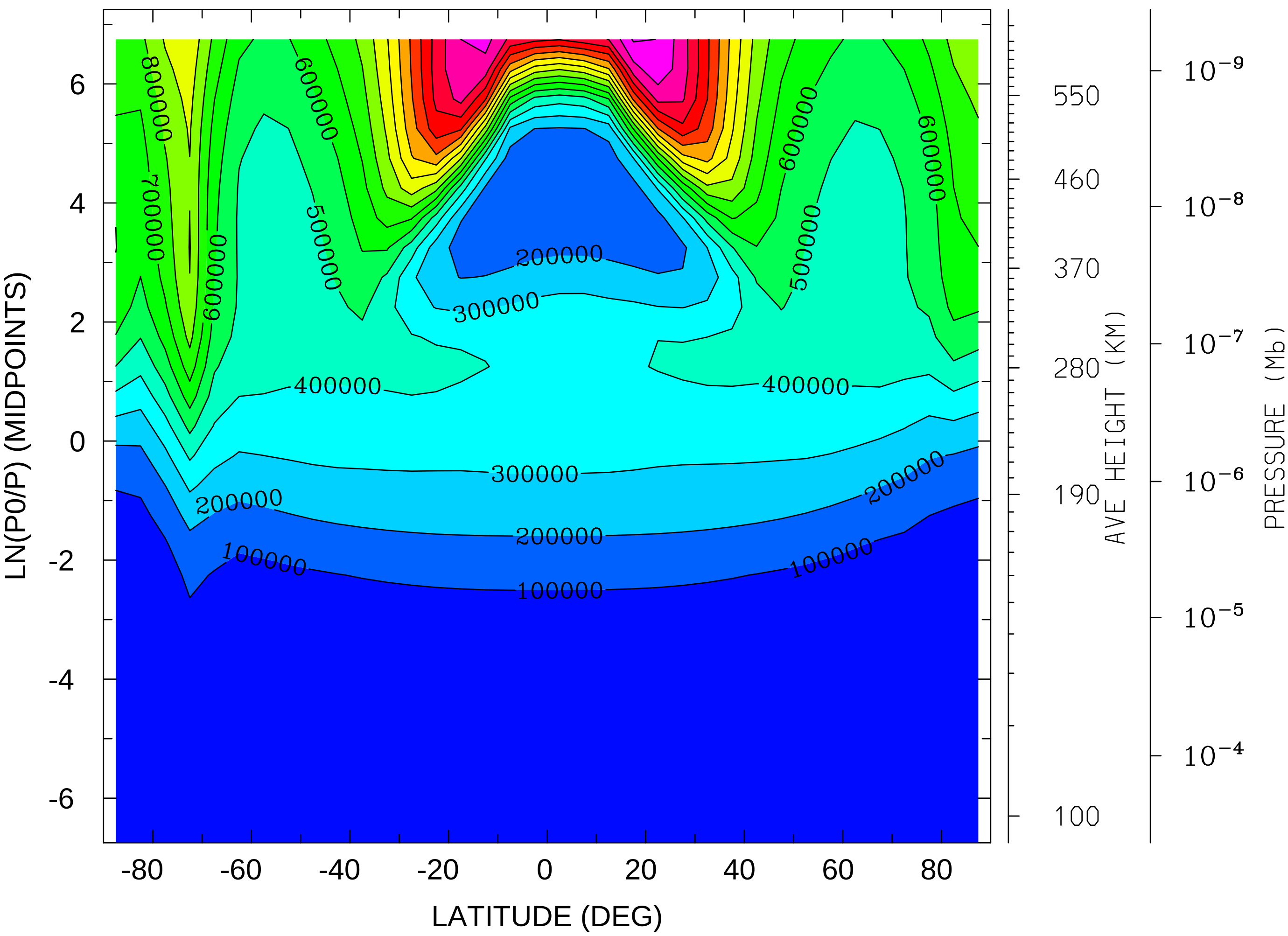
MIN,MAX= 8.1375E-17 1.0609E-09 INTERVAL= 5.0000E-11
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc


HEATING: Total Heating ()
YEAR 2002 UT= 0.00 ZONAL MEANS
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
500000
450000
350000
250000
200000
150000
100000
50000
MIN,MAX= 1.6511E+02 8.8672E+05 INTERVAL= 5.0000E+04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc



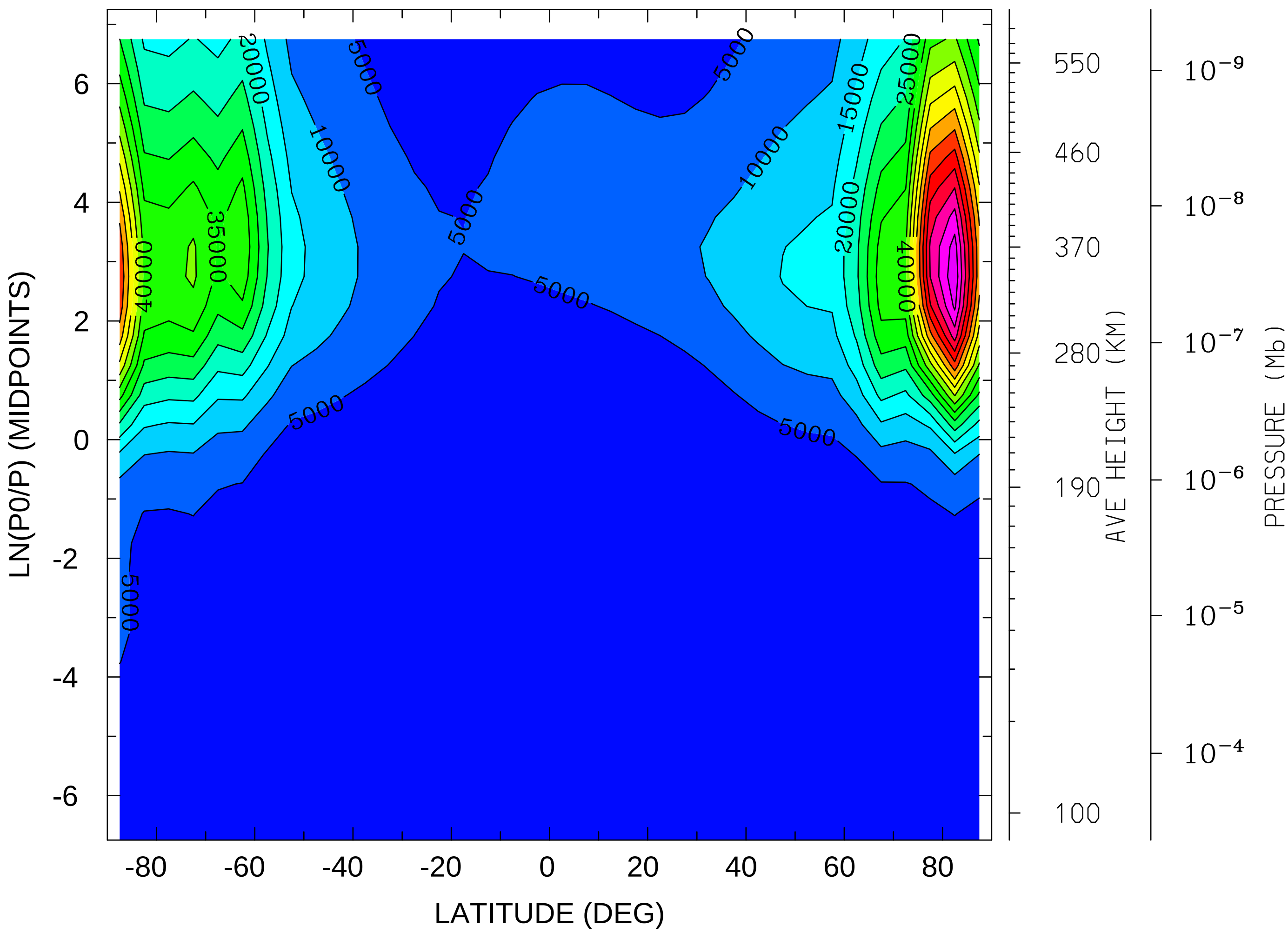
HEATING: Total Heating ()
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
200000
250000
300000
450000
150000
100000
50000
-80
-60
-40
-20
0
20
40
60
80
6
4
2
-2
-4
-6
500
420
340
260
180
100
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
MIN,MAX= -5.8237E+01 7.2767E+05 INTERVAL= 5.0000E+04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

HEATING: Total Heating ()
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



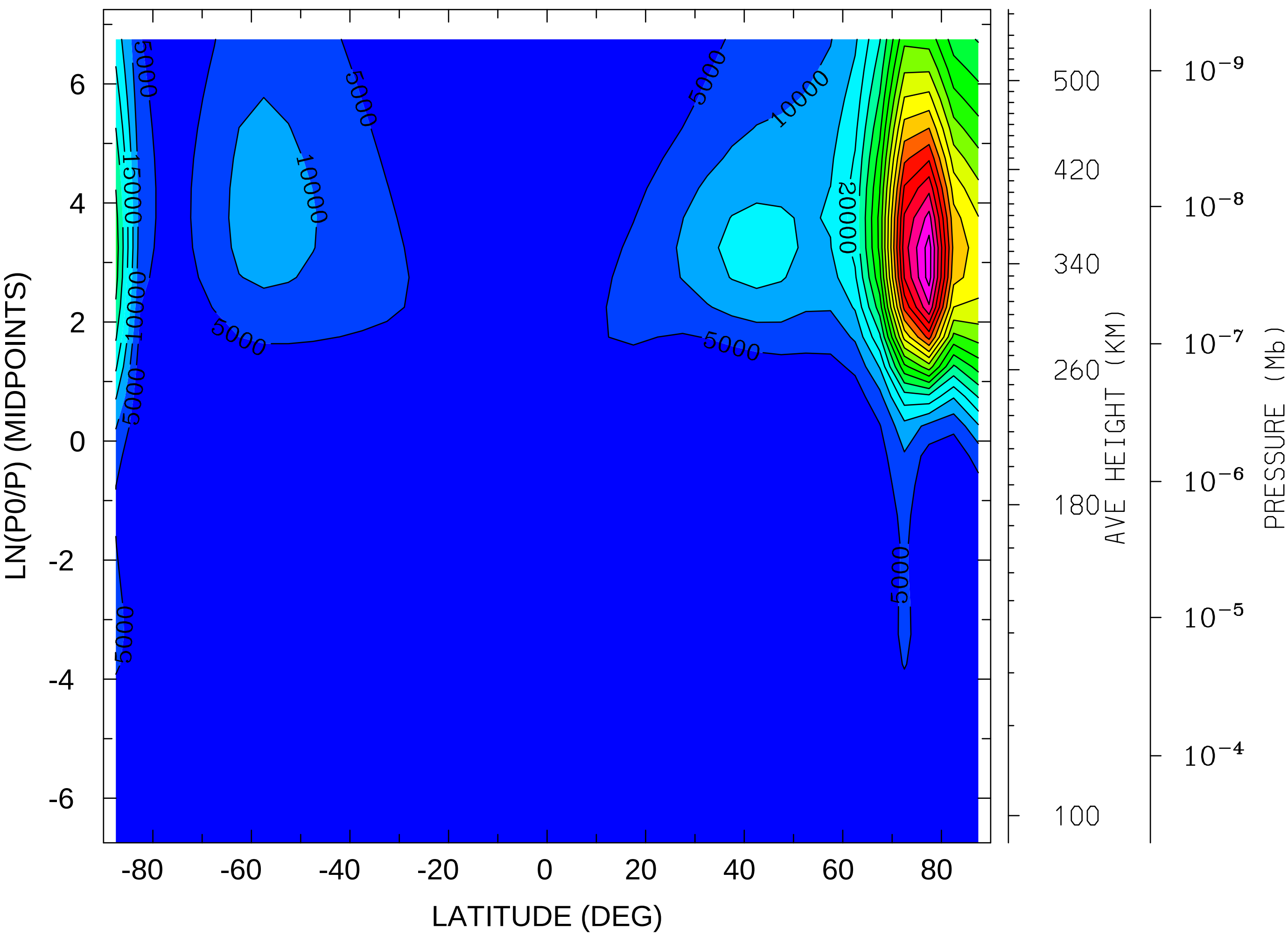
MIN,MAX= 2.9226E+02 1.7124E+06 INTERVAL= 1.0000E+05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

QJI_TI: Joule Heating from TI (ergs/s/g)
YEAR 2002 UT= 0.00 ZONAL MEANS

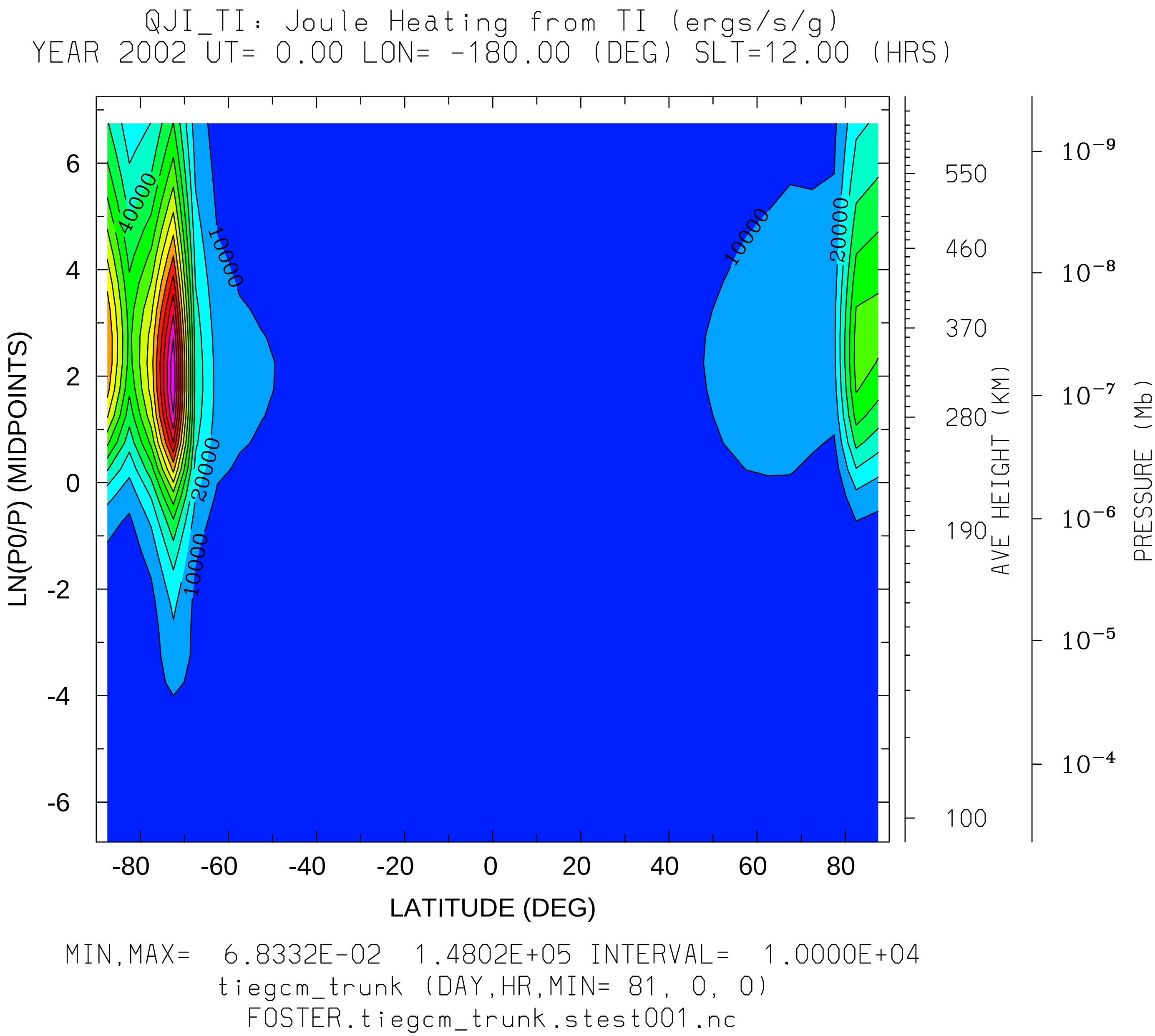


MIN,MAX= 5.0811E-02 8.9070E+04 INTERVAL= 5.0000E+03
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

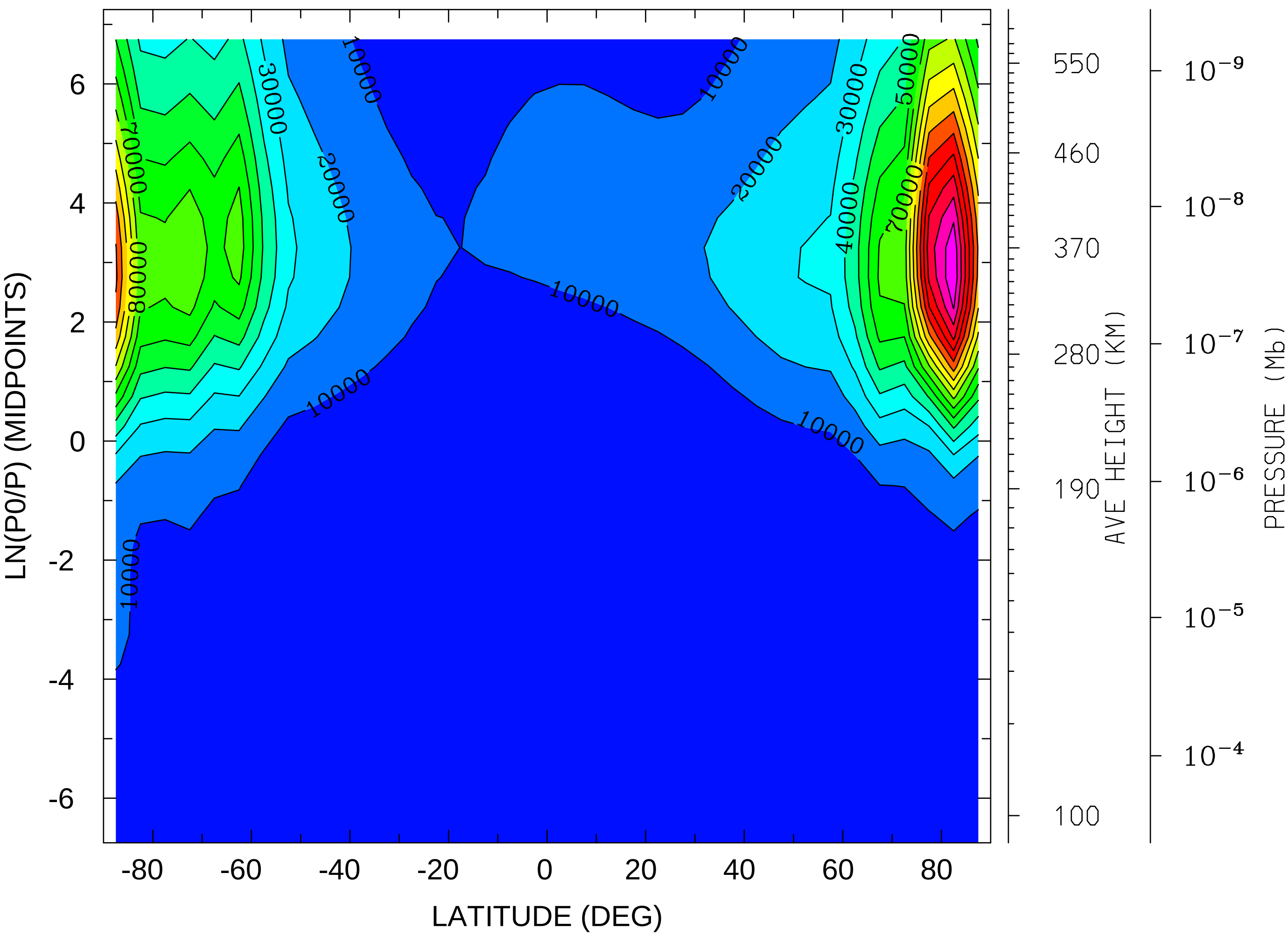
QJI_TI: Joule Heating from TI (ergs/s/g)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



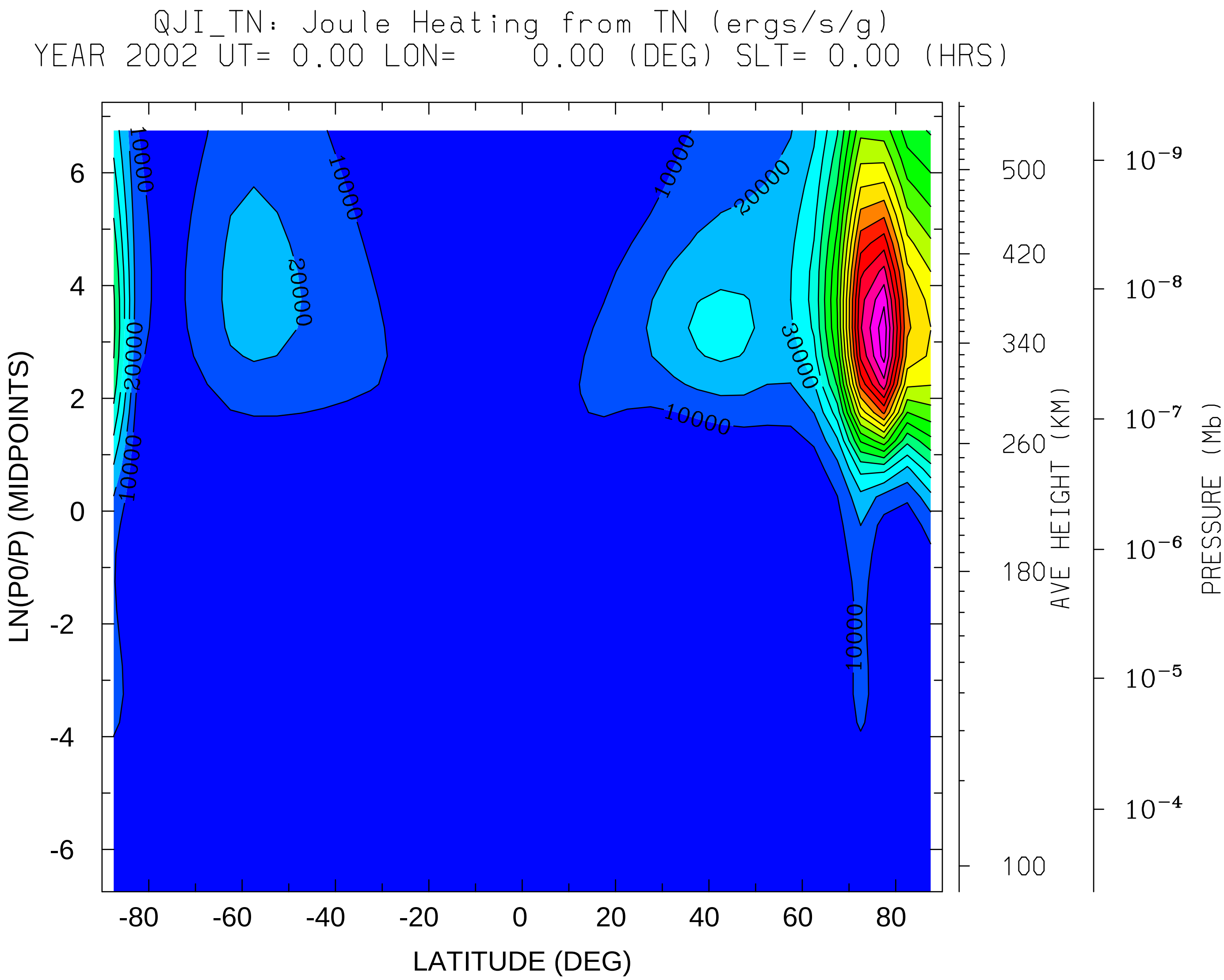
MIN,MAX= 1.1660E-03 9.7280E+04 INTERVAL= 5.0000E+03
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc


QJI_TI: Joule Heating from TI (ergs/s/g)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
40000
10000
20000
MIN,MAX= 6.8332E-02 1.4802E+05 INTERVAL= 1.0000E+04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

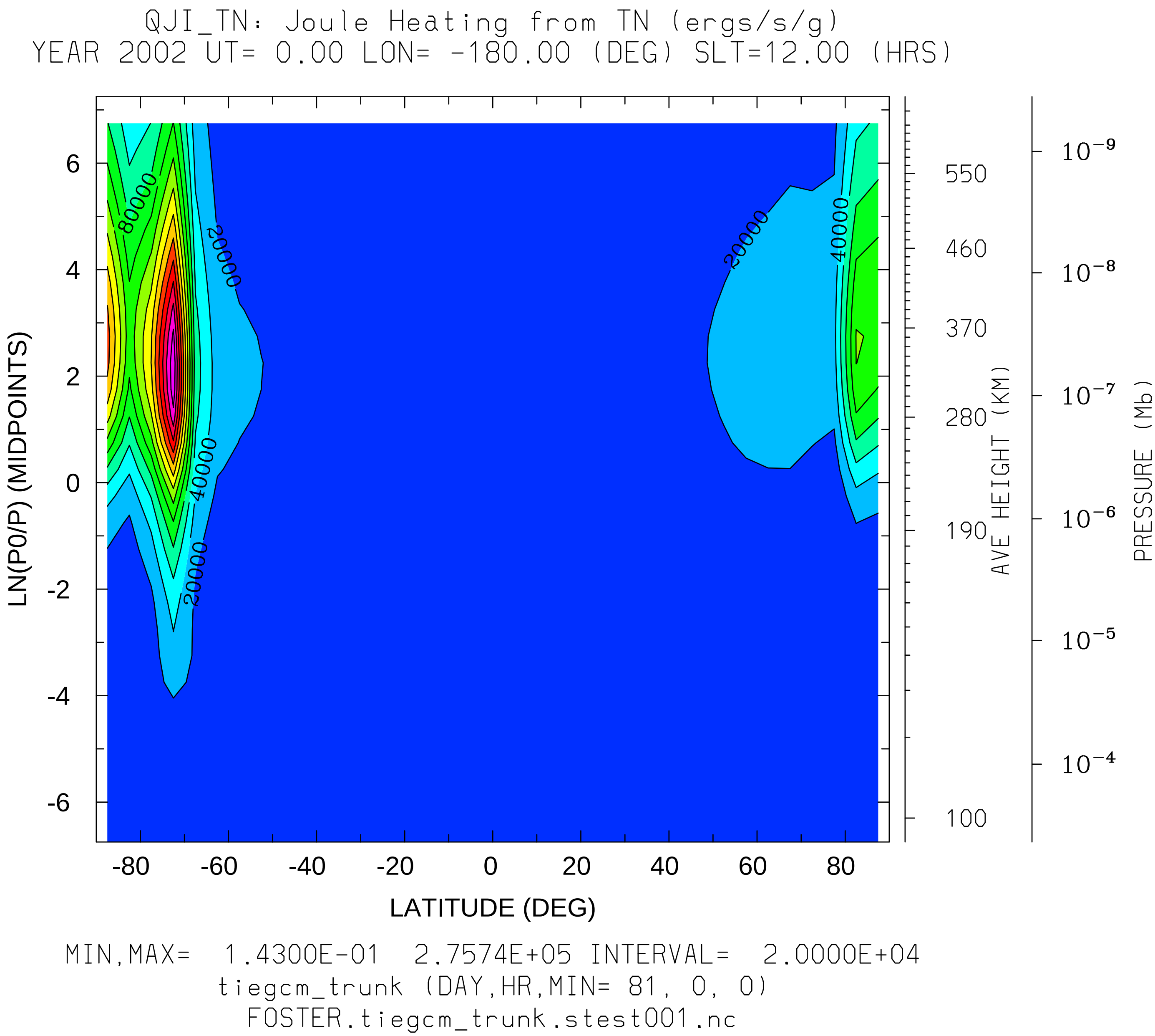
QJI_TN: Joule Heating from TN (ergs/s/g)
YEAR 2002 UT= 0.00 ZONAL MEANS



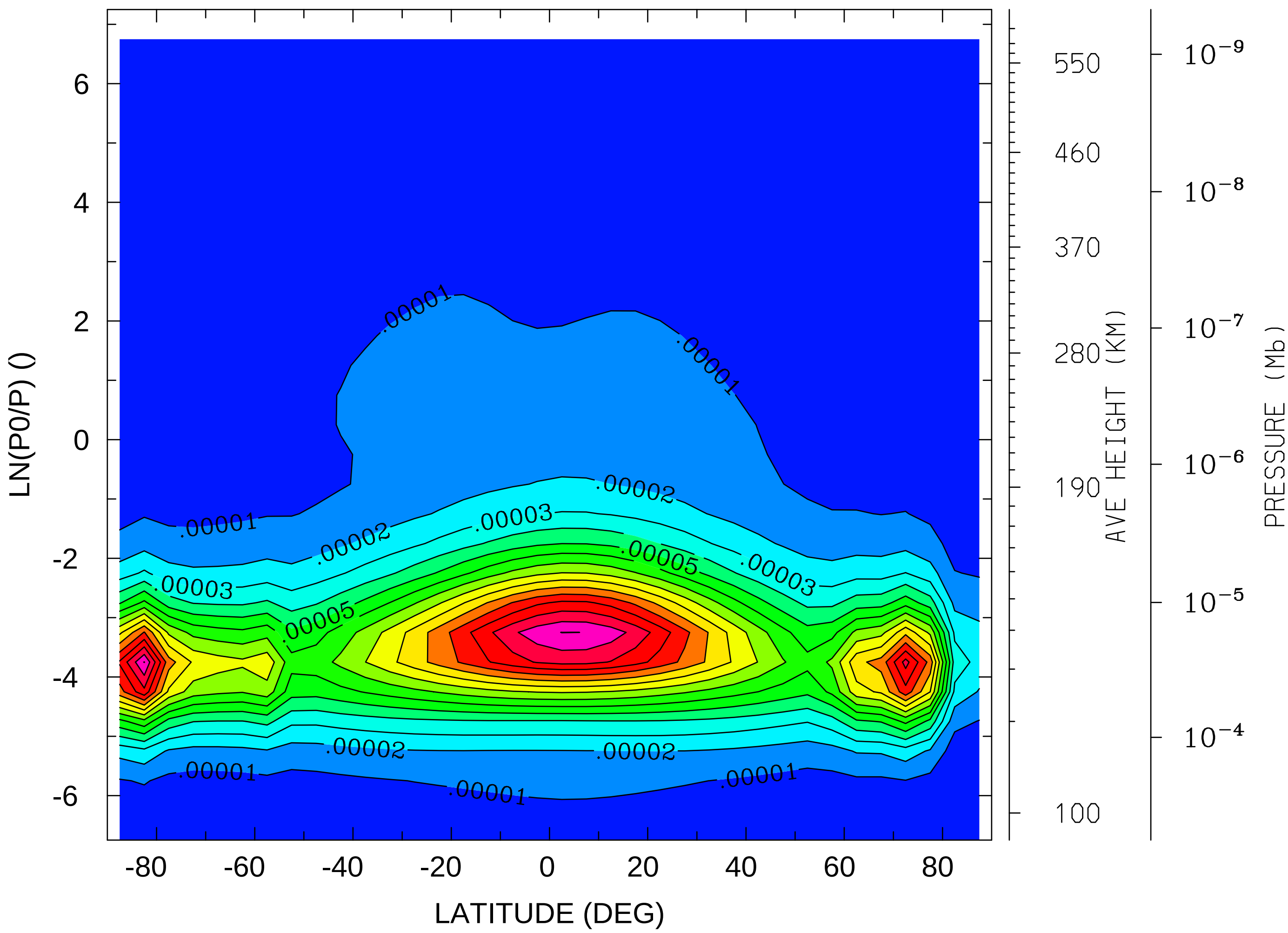
MIN,MAX= 1.0598E-01 1.6860E+05 INTERVAL= 1.0000E+04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc



MIN,MAX= 2.4064E-03 1.8634E+05 INTERVAL= 1.0000E+04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

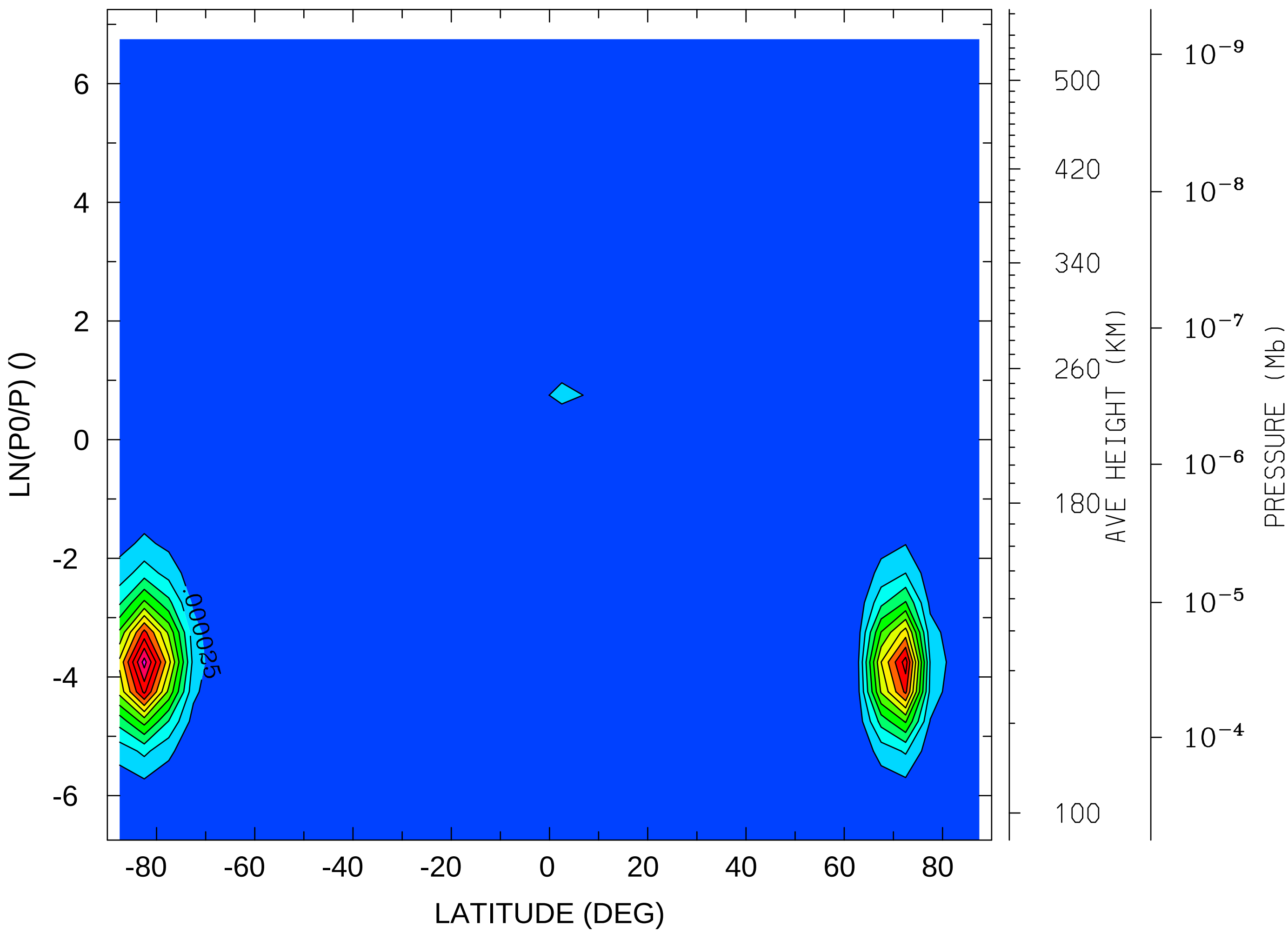

QJI_TN: Joule Heating from TN (ergs/s/g)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
80000
20000
40000
20000
40000
20000
550
460
370
280
190
100
MIN,MAX= 1.4300E-01 2.7574E+05 INTERVAL= 2.0000E+04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

SIGMA_PE ()
YEAR 2002 UT= 0.00 ZONAL MEANS

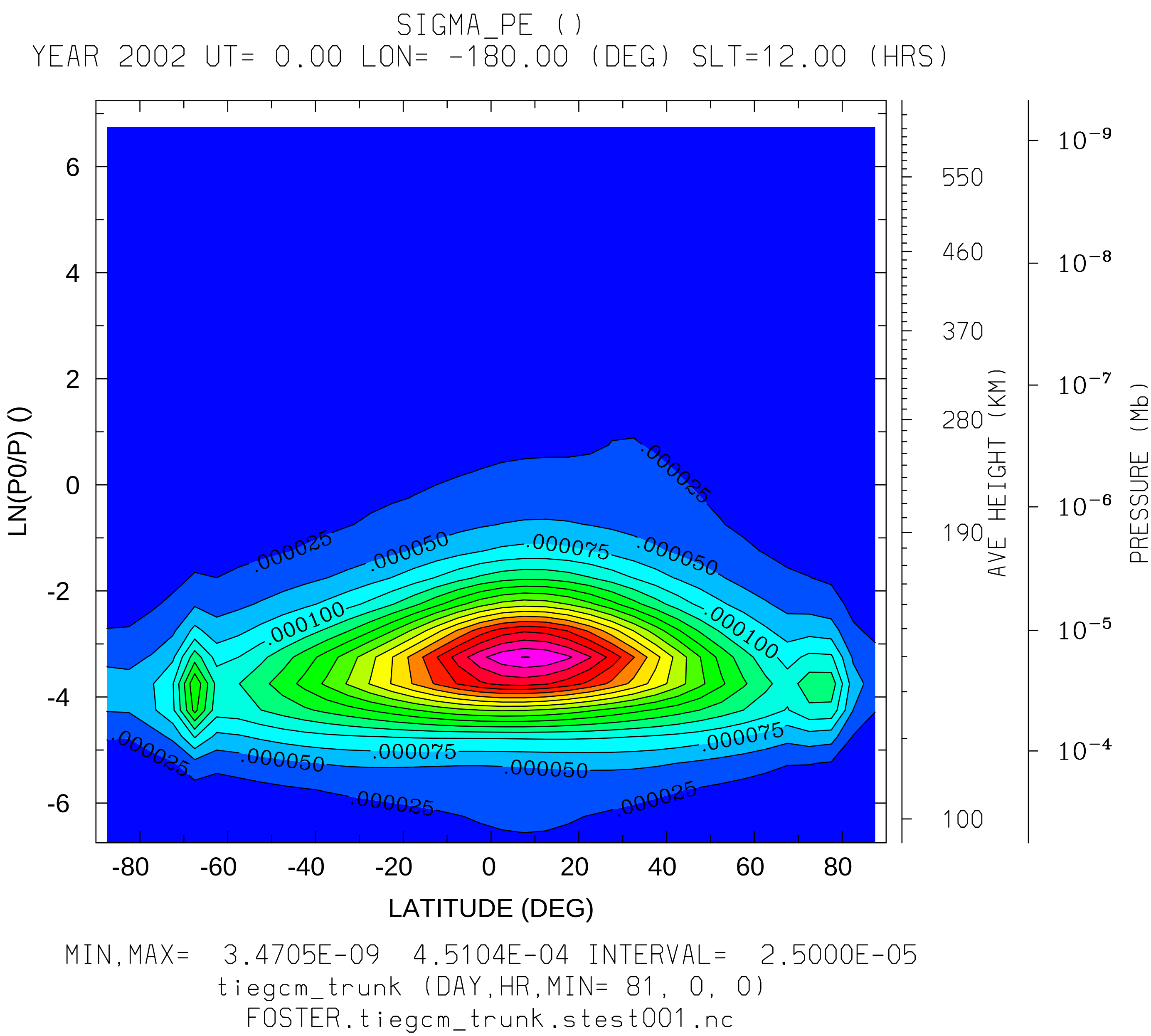


MIN,MAX= 4.0862E-09 1.5033E-04 INTERVAL= 1.0000E-05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

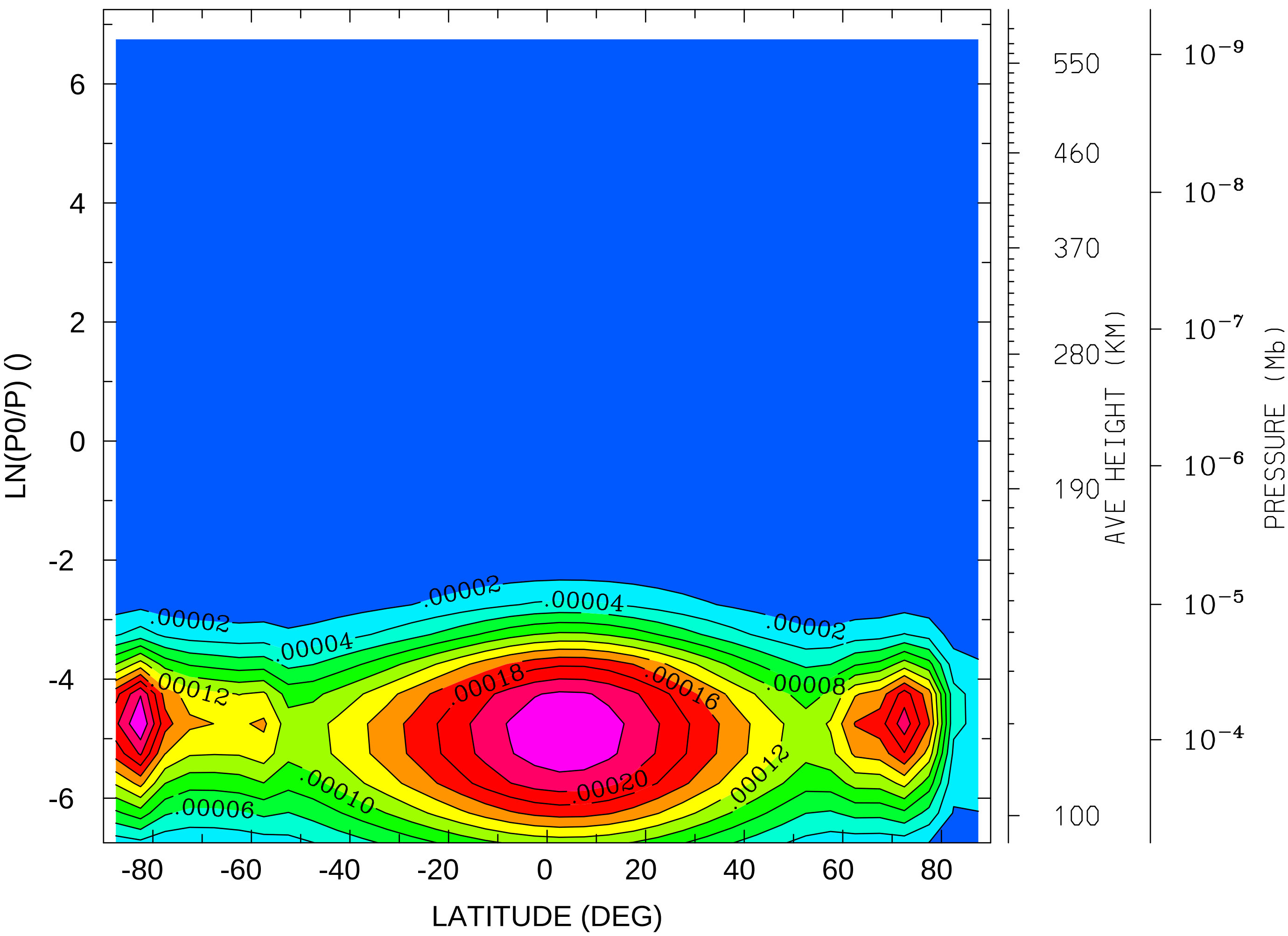
SIGMA_PE ()
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



MIN,MAX= 4.2857E-09 3.1054E-04 INTERVAL= 2.5000E-05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

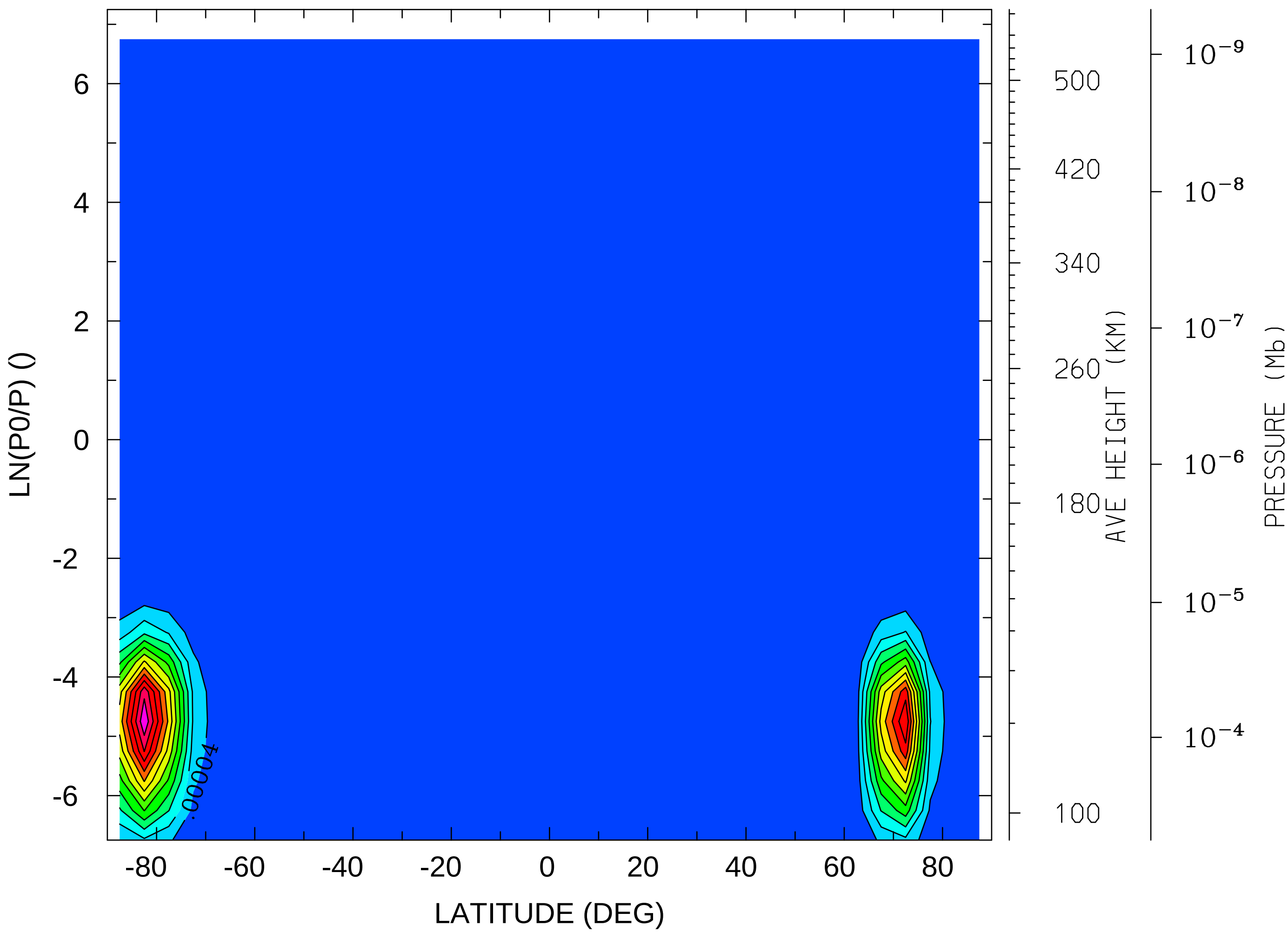

SIGMA_PE ()
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)
LN(P0/P) ()
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
.000025
.000050
.000075
.000100
MIN,MAX= 3.4705E-09 4.5104E-04 INTERVAL= 2.5000E-05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

SIGMA_HA ()
YEAR 2002 UT= 0.00 ZONAL MEANS

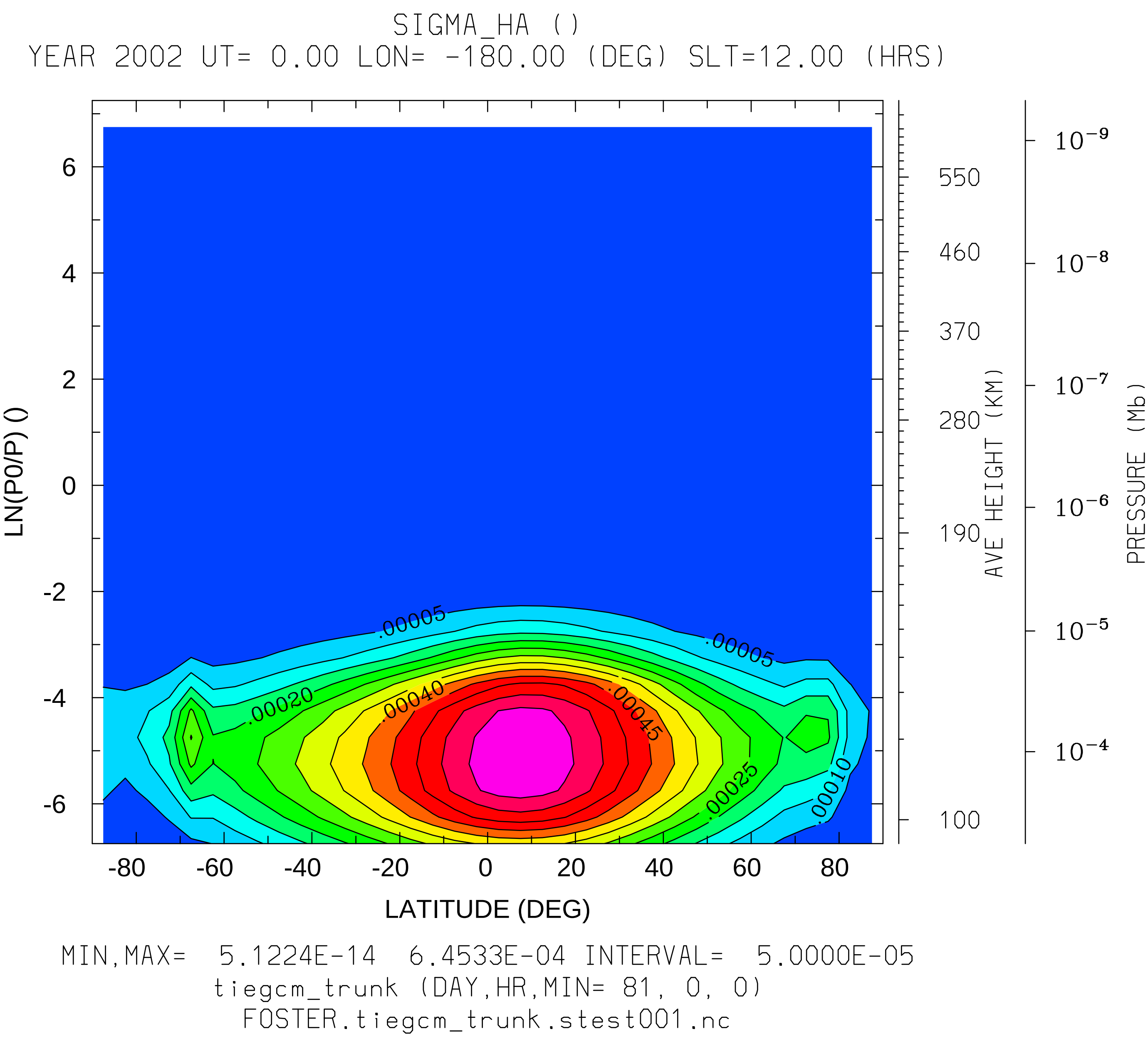


MIN,MAX= 7.0826E-14 2.4002E-04 INTERVAL= 2.0000E-05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

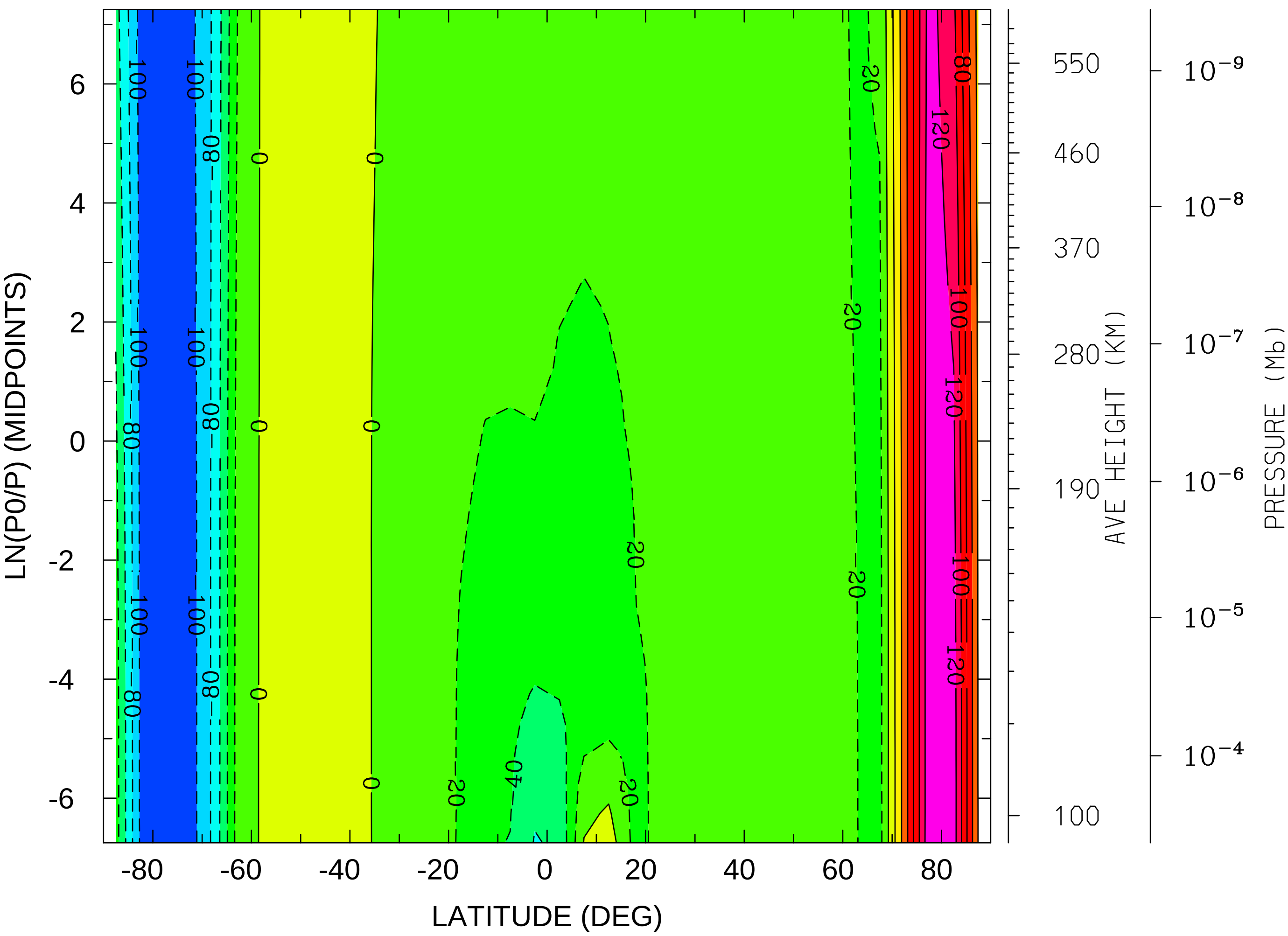
SIGMA_HA ()
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



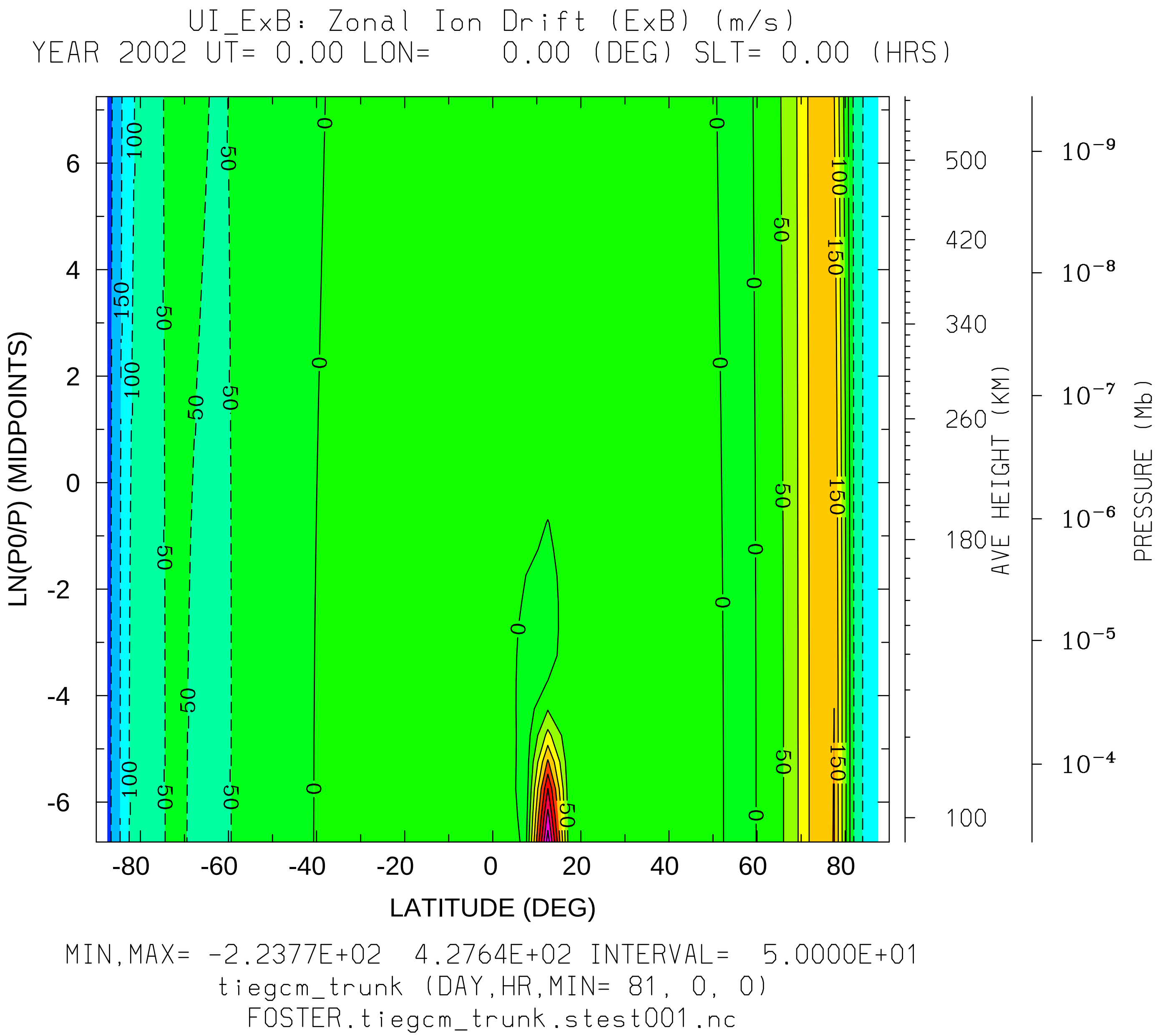
MIN,MAX= 8.5427E-14 5.1405E-04 INTERVAL= 4.0000E-05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc


SIGMA_HA ()
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)
LN(P0/P) ()
6
4
2
0
-2
-4
-6
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
AVE HEIGHT (KM)
550
460
370
280
190
100
PRESSURE (Mb)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
.00005
.00005
.00020
.00040
.00045
.00025
.00010
MIN,MAX= 5.1224E-14 6.4533E-04 INTERVAL= 5.0000E-05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

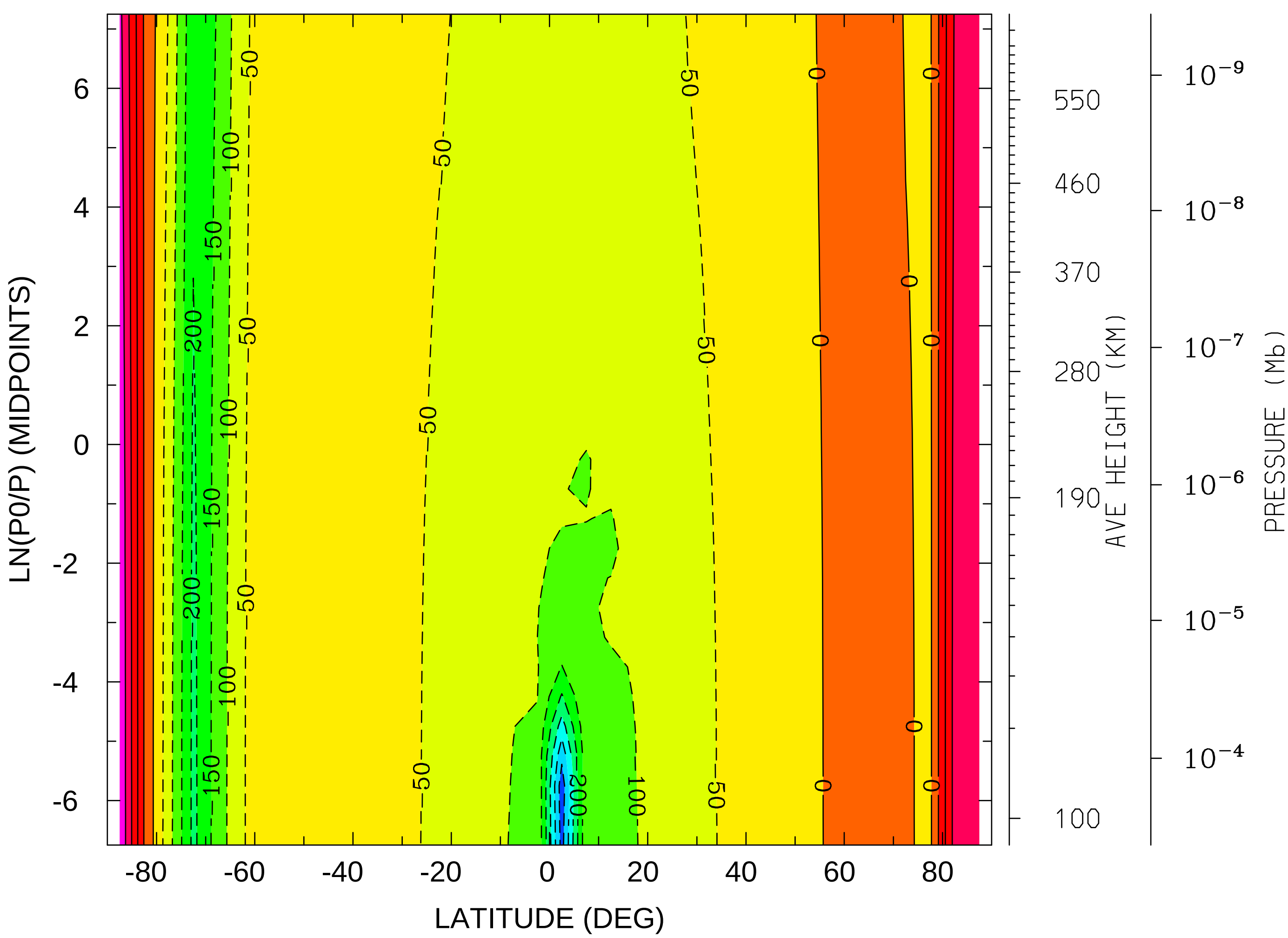
UI_ExB: Zonal Ion Drift (ExB) (m/s)
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= -1.1787E+02 1.3381E+02 INTERVAL= 2.0000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

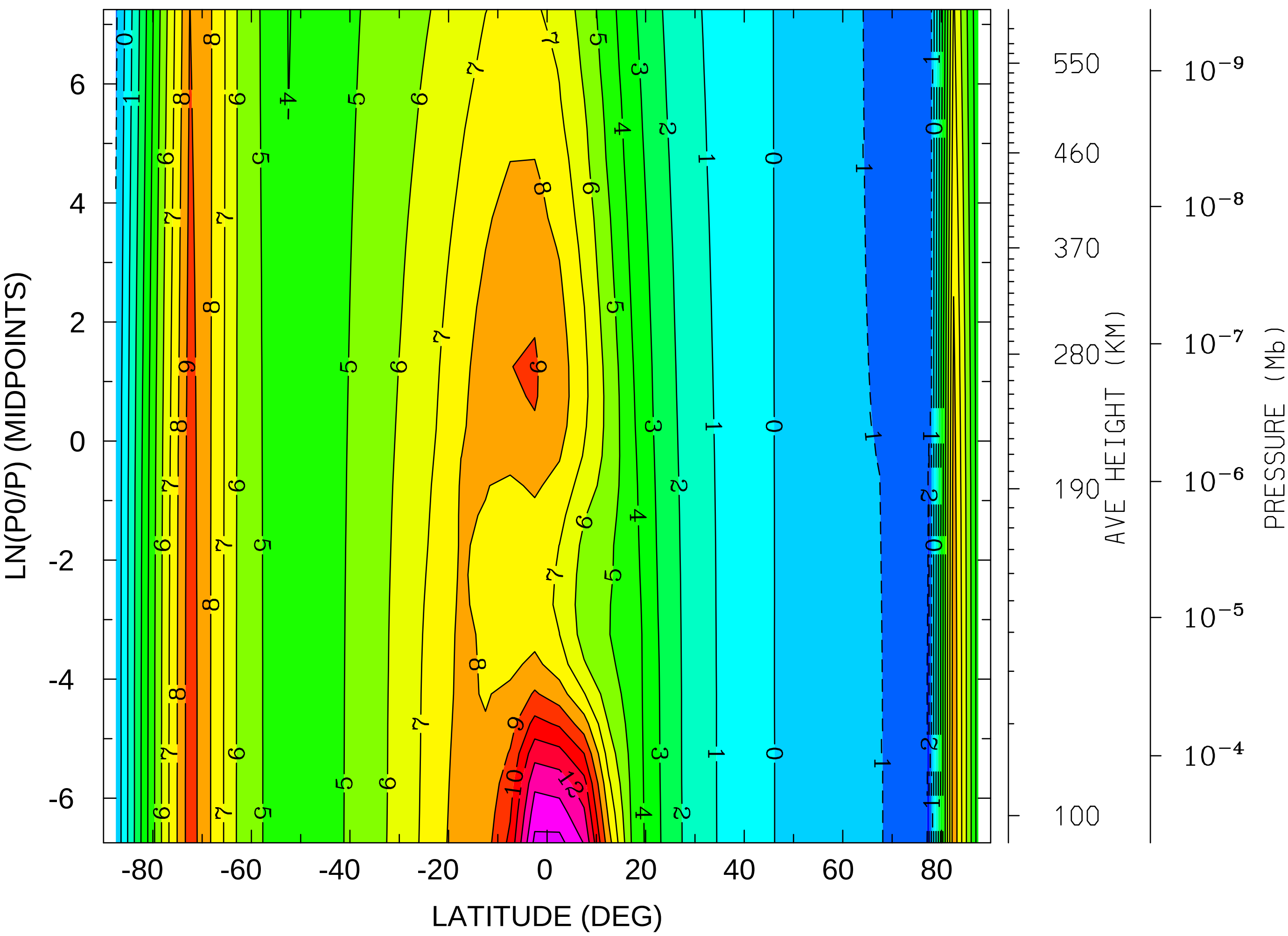

UI_ExB: Zonal Ion Drift (ExB) (m/s)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (MIDPOINTS)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -2.2377E+02 4.2764E+02 INTERVAL= 5.0000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

UI_ExB: Zonal Ion Drift (ExB) (m/s)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



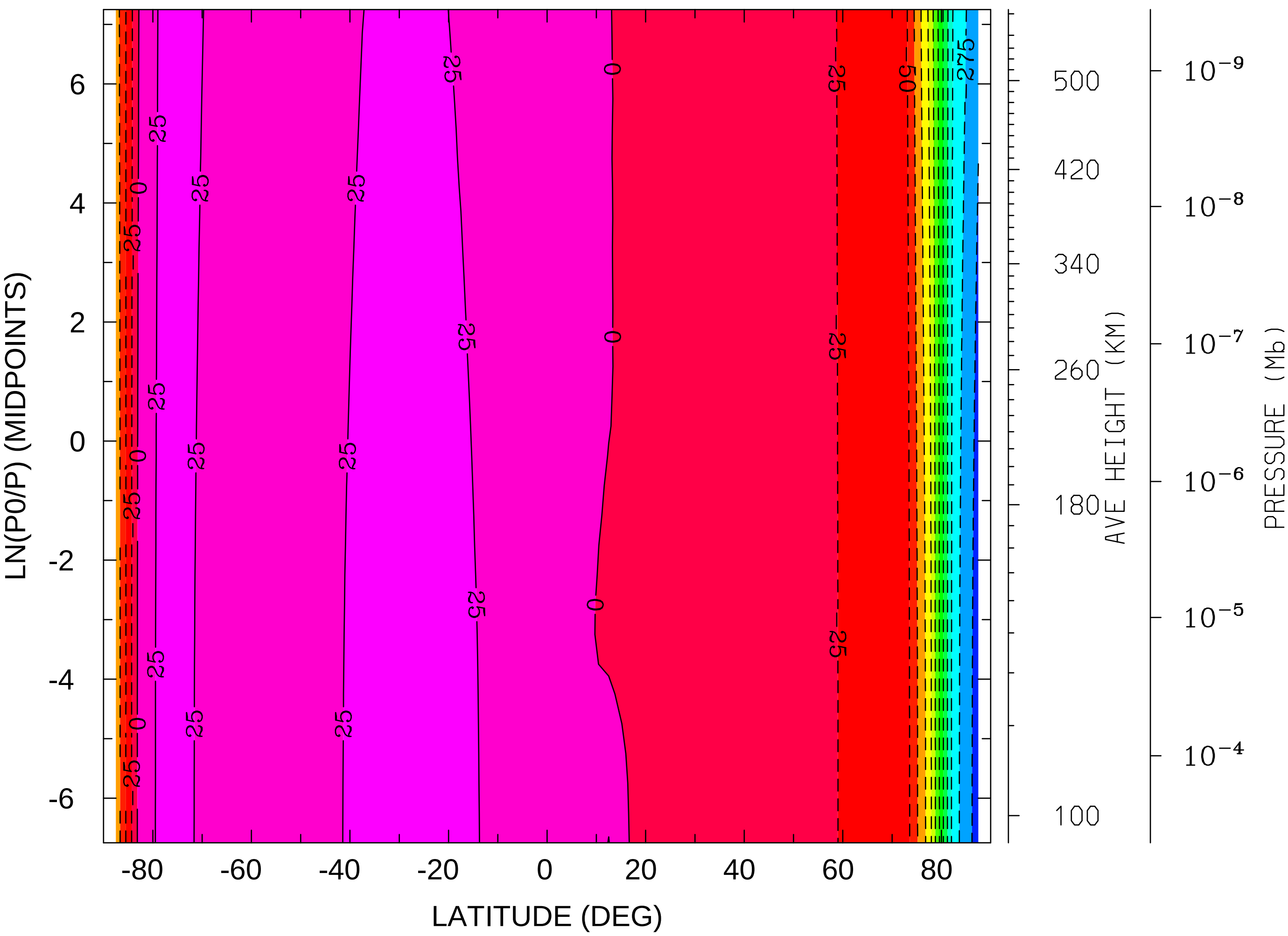
MIN,MAX= -3.8089E+02 2.4822E+02 INTERVAL= 5.0000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

VI_ExB: Meridional Ion Drift (ExB) (m/s)
YEAR 2002 UT= 0.00 ZONAL MEANS



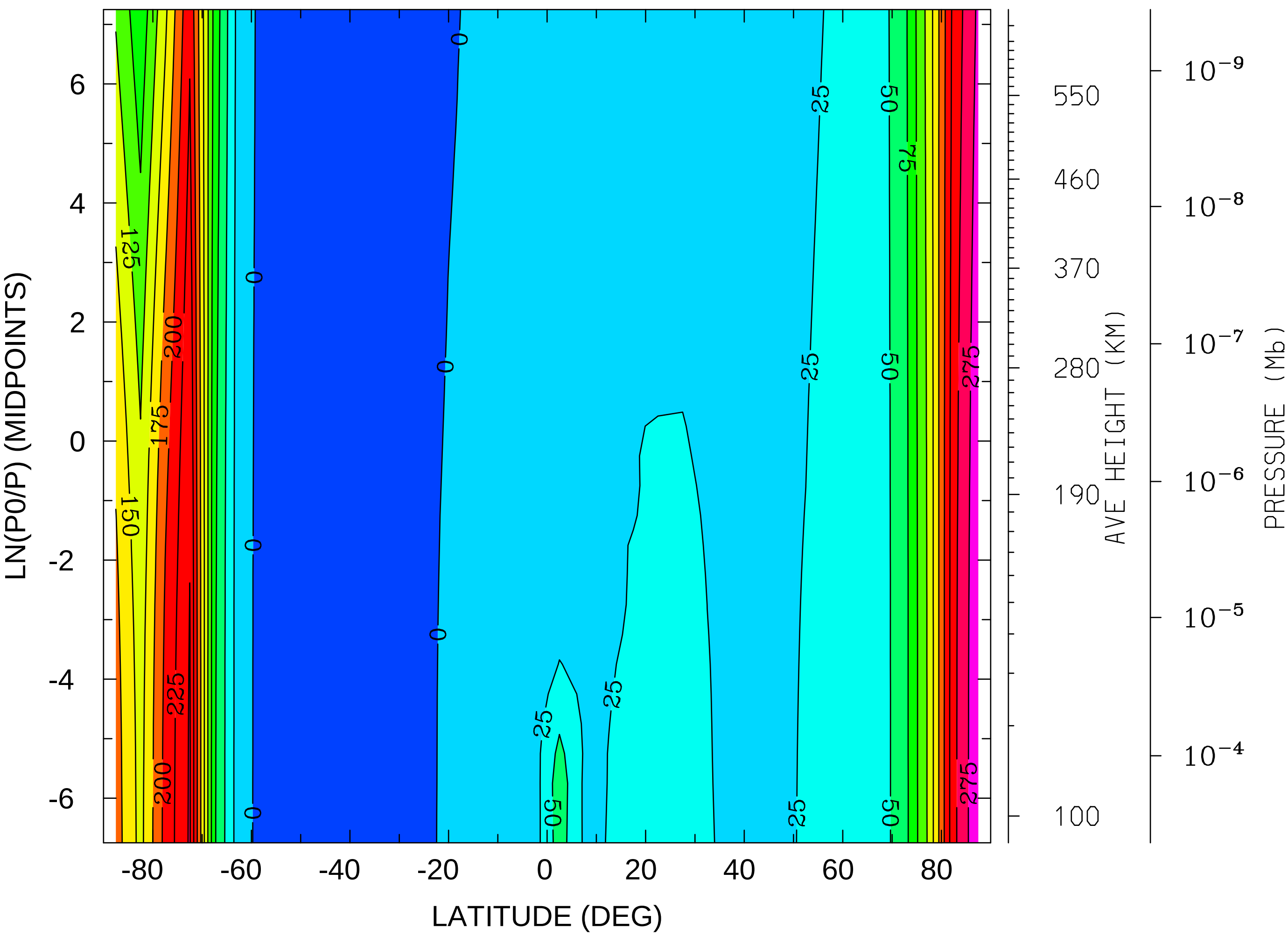
MIN,MAX= -2.0267E+00 1.4311E+01 INTERVAL= 1.0000E+00
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

VI_ExB: Meridional Ion Drift (ExB) (m/s)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



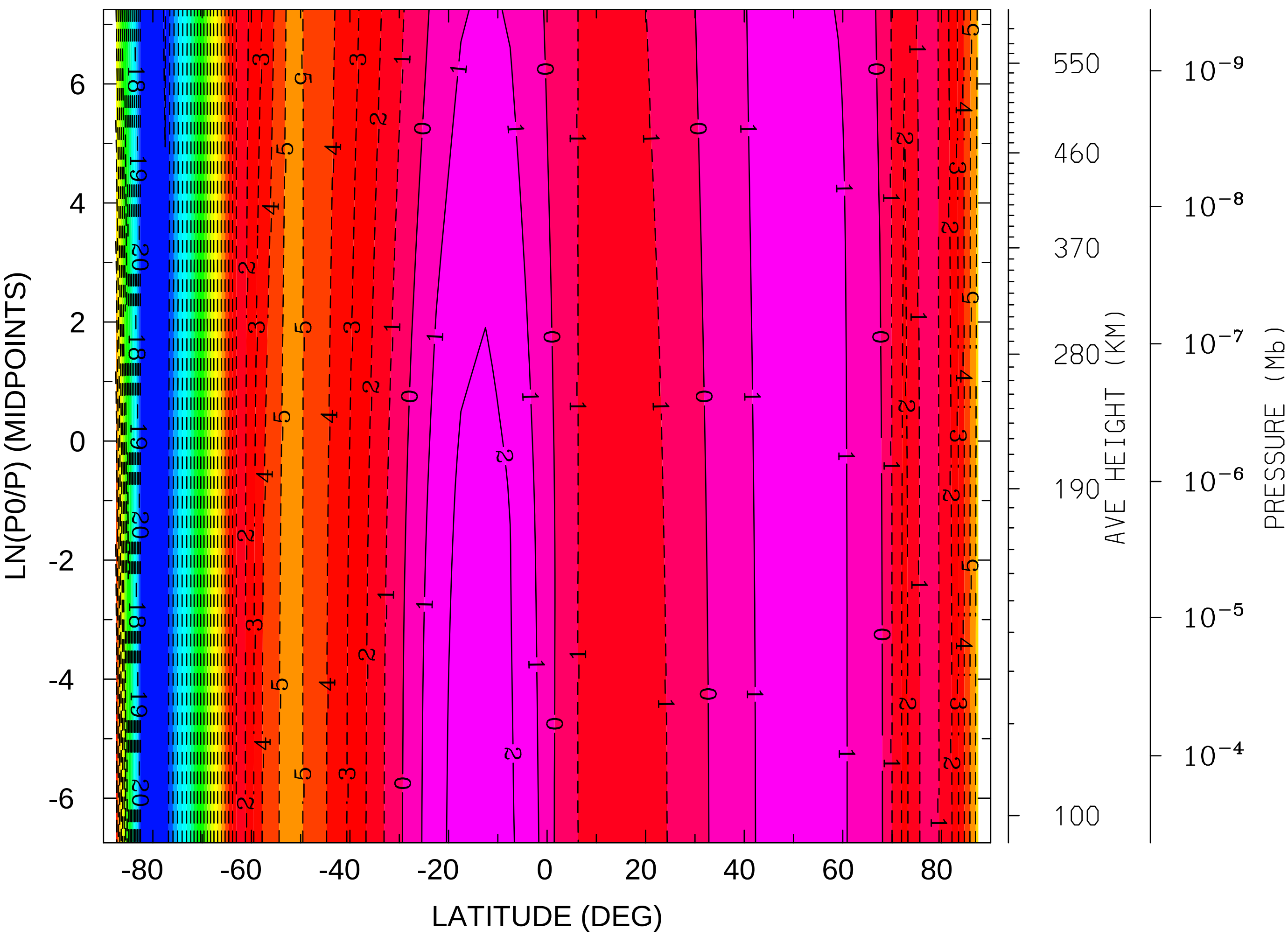
MIN,MAX= -3.1244E+02 3.2900E+01 INTERVAL= 2.5000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

VI_ExB: Meridional Ion Drift (ExB) (m/s)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



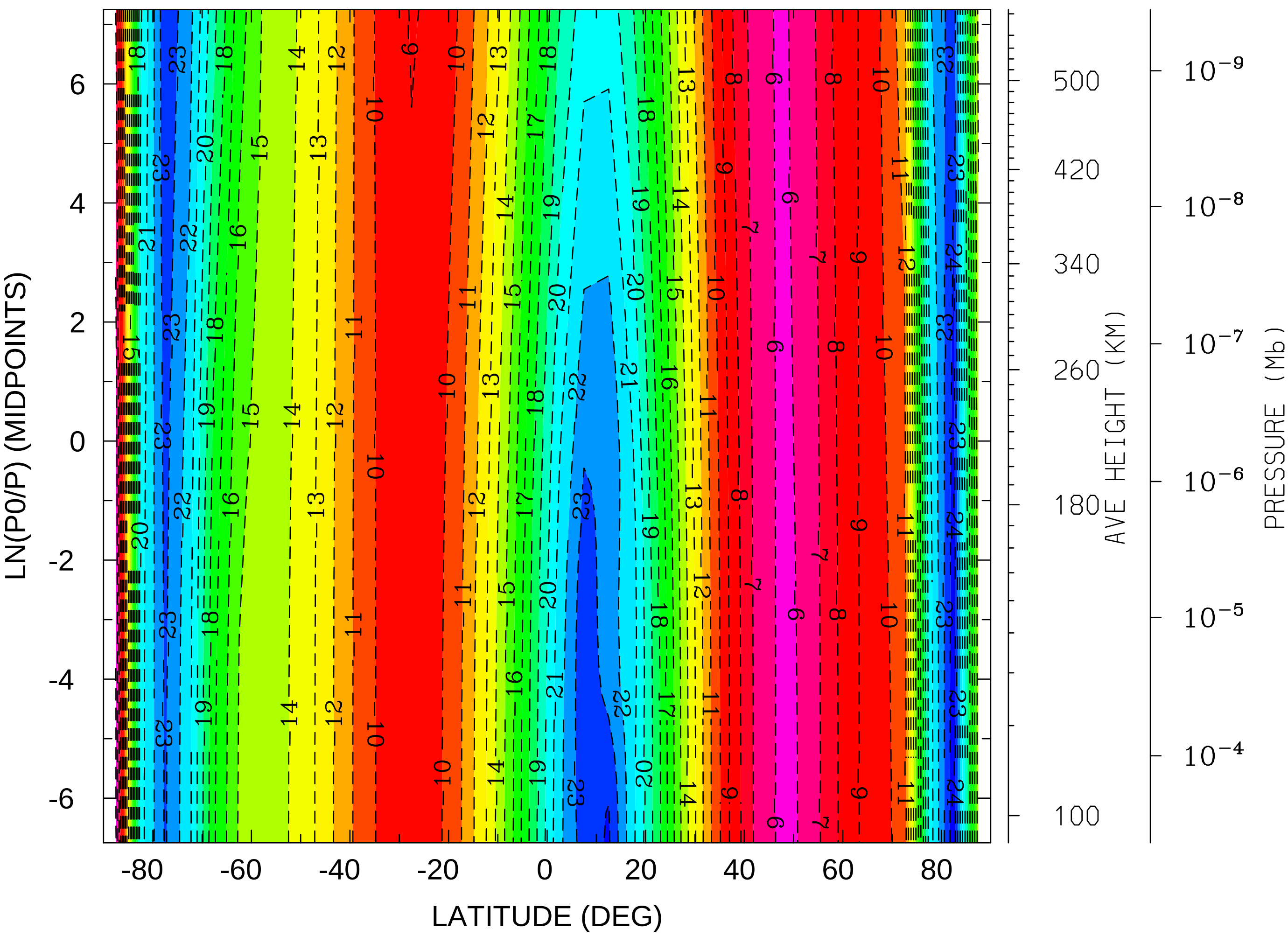
MIN,MAX= -1.2445E+01 2.9645E+02 INTERVAL= 2.5000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

WI_ExB: Vertical Ion Drift (ExB) (m/s)
YEAR 2002 UT= 0.00 ZONAL MEANS



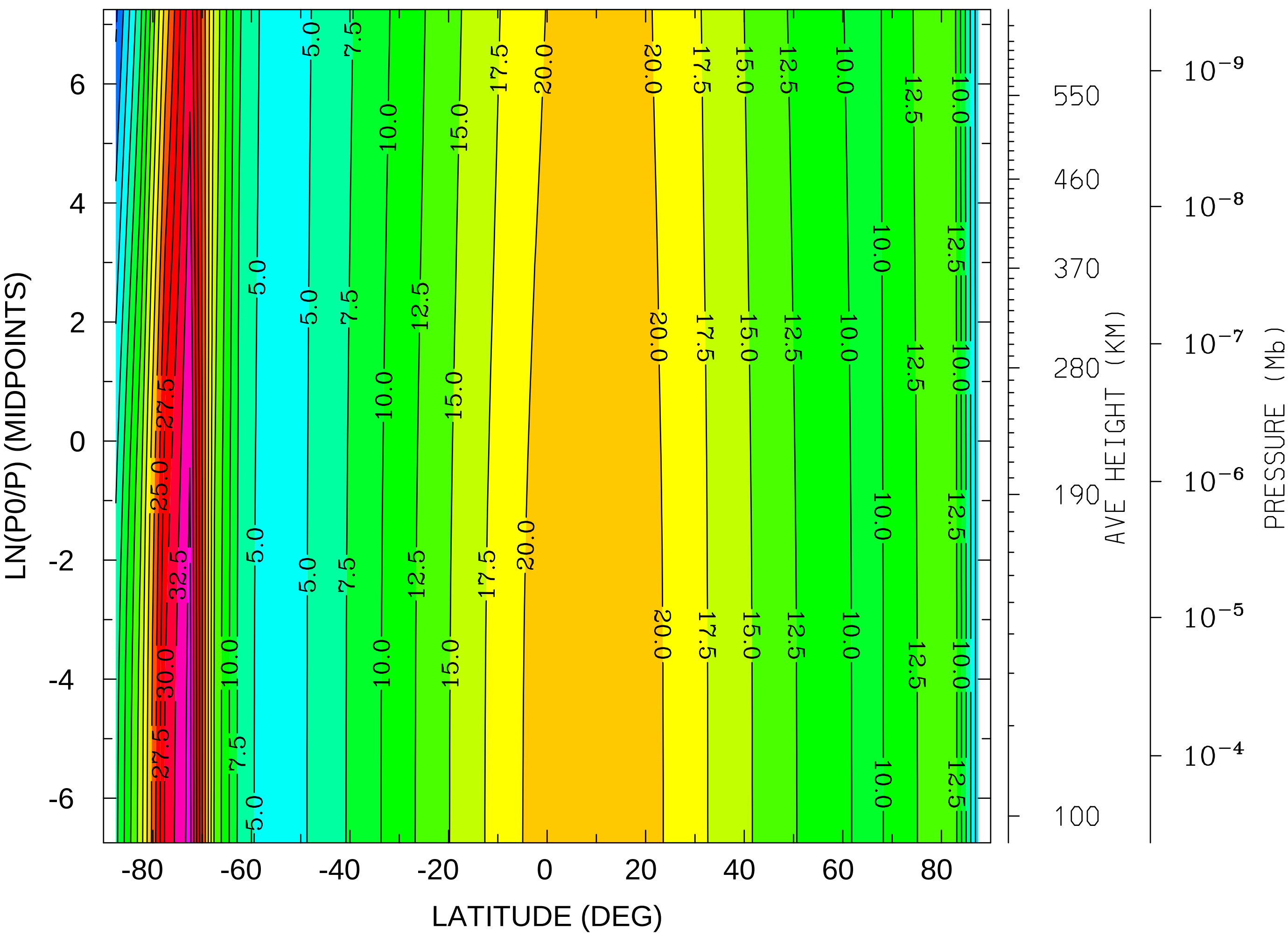
MIN,MAX= -2.1063E+01 2.5181E+00 INTERVAL= 1.0000E+00
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

WI_ExB: Vertical Ion Drift (ExB) (m/s)
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)

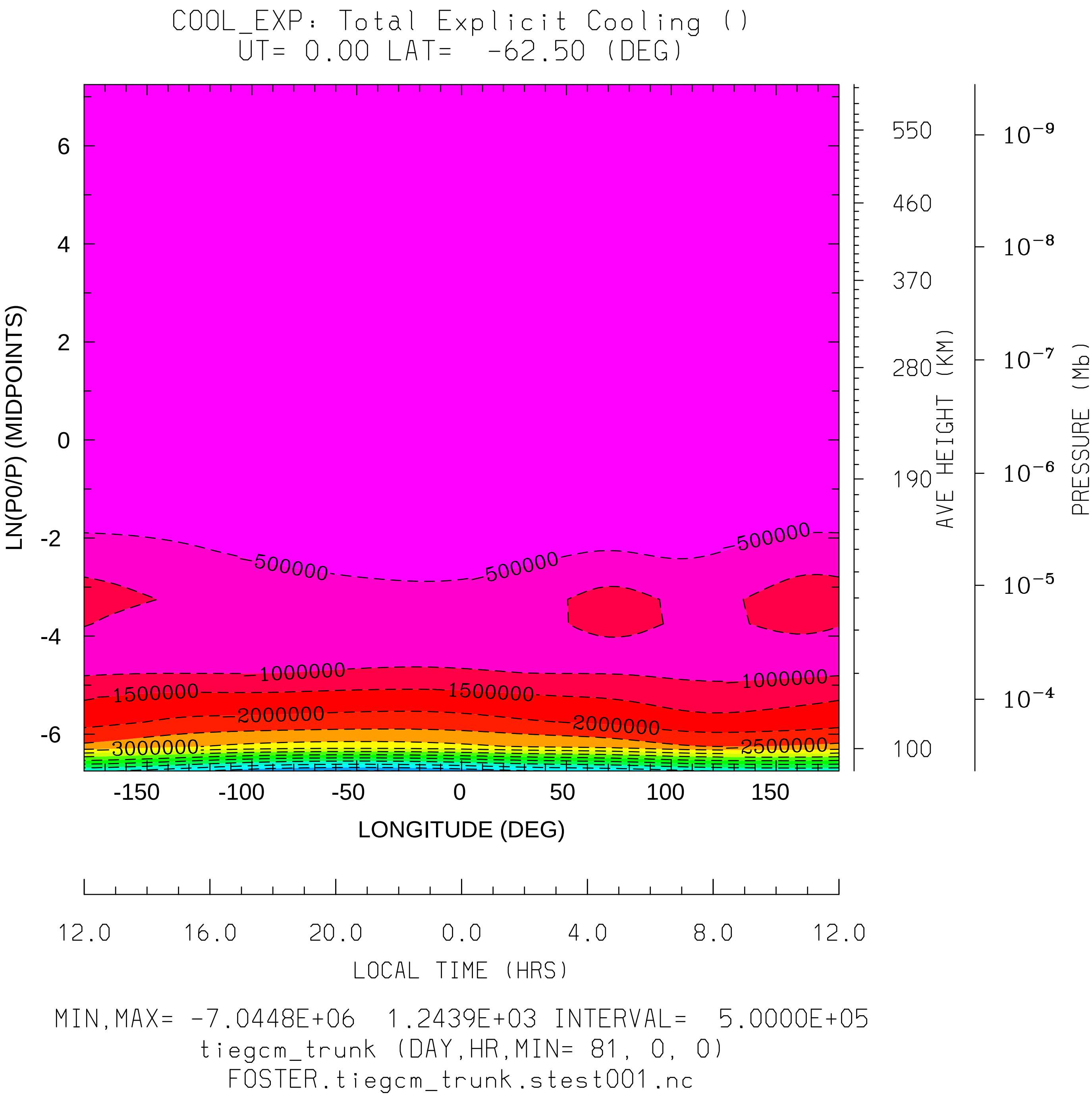


MIN,MAX= -2.4652E+01 -4.8871E+00 INTERVAL= 1.0000E+00
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

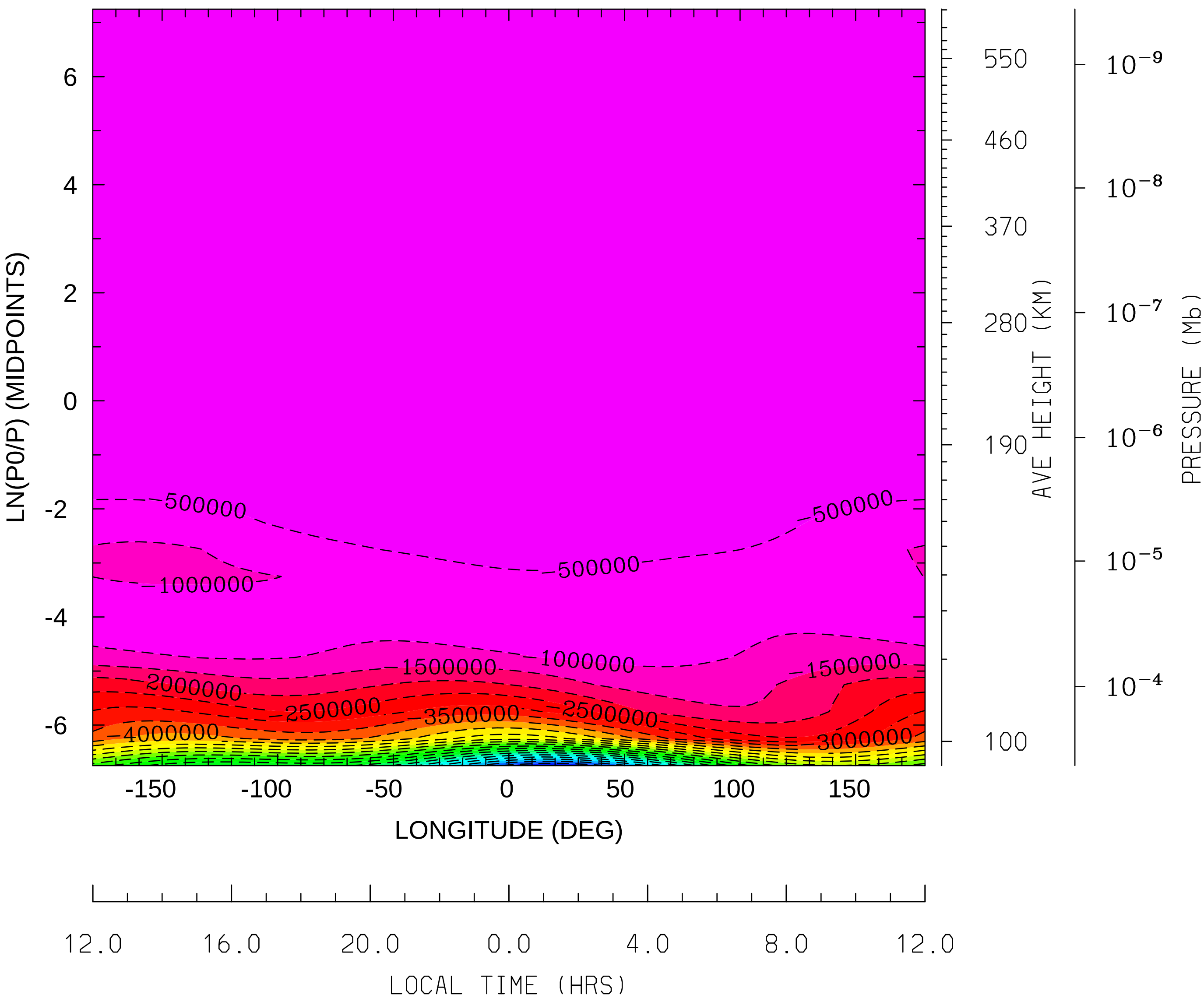
WI_ExB: Vertical Ion Drift (ExB) (m/s)
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



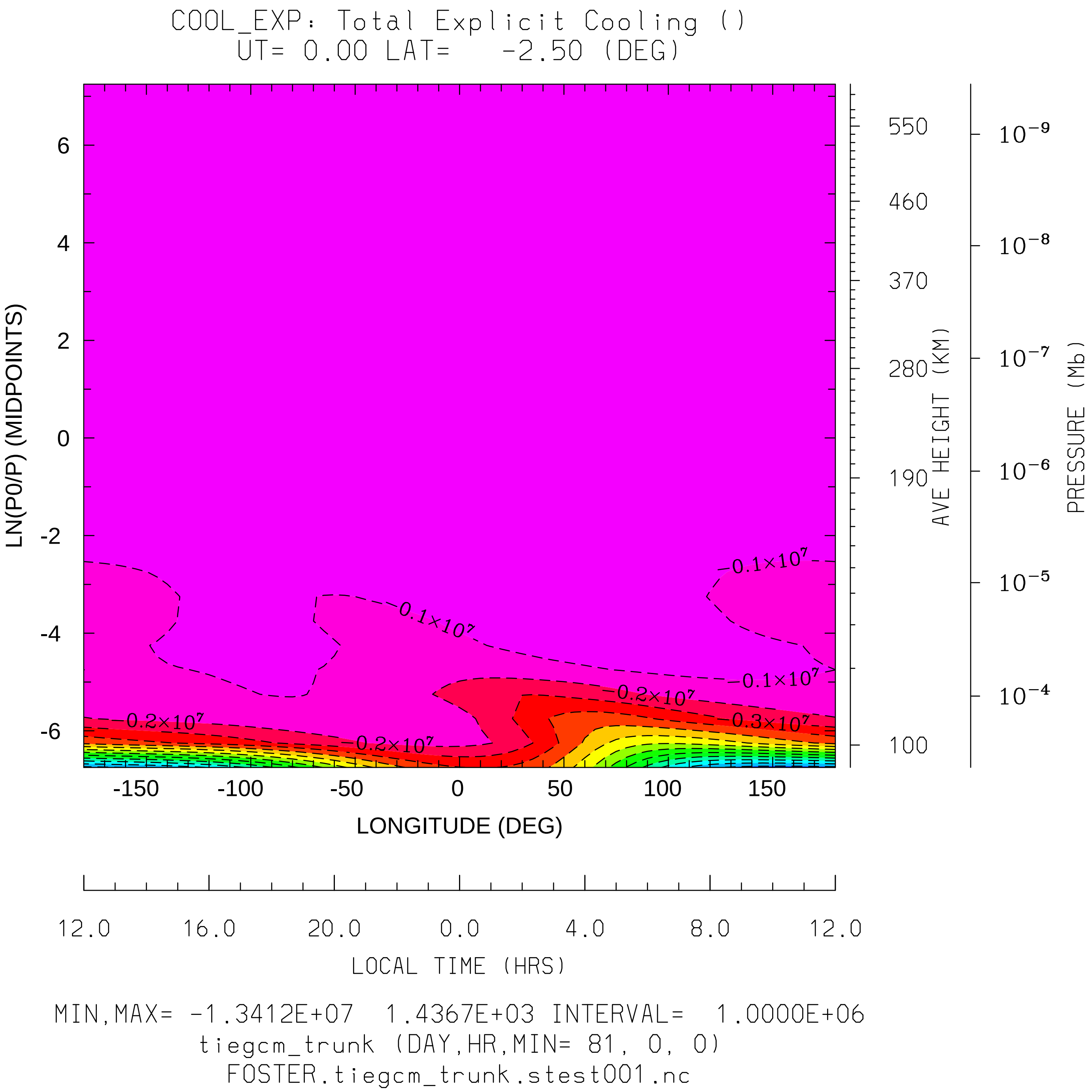
MIN,MAX= -3.0559E+00 3.5902E+01 INTERVAL= 2.5000E+00
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc


COOL_EXP: Total Explicit Cooling ()
UT= 0.00 LAT= -62.50 (DEG)
LN(P0/P) (MIDPOINTS)
AVE HEIGHT (KM)
PRESSURE (Mb)
500000
1000000
1500000
2000000
2500000
3000000
LONGITUDE (DEG)
LOCAL TIME (HRS)
MIN,MAX= -7.0448E+06 1.2439E+03 INTERVAL= 5.0000E+05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

COOL_EXP: Total Explicit Cooling ()
UT= 0.00 LAT= -42.50 (DEG)

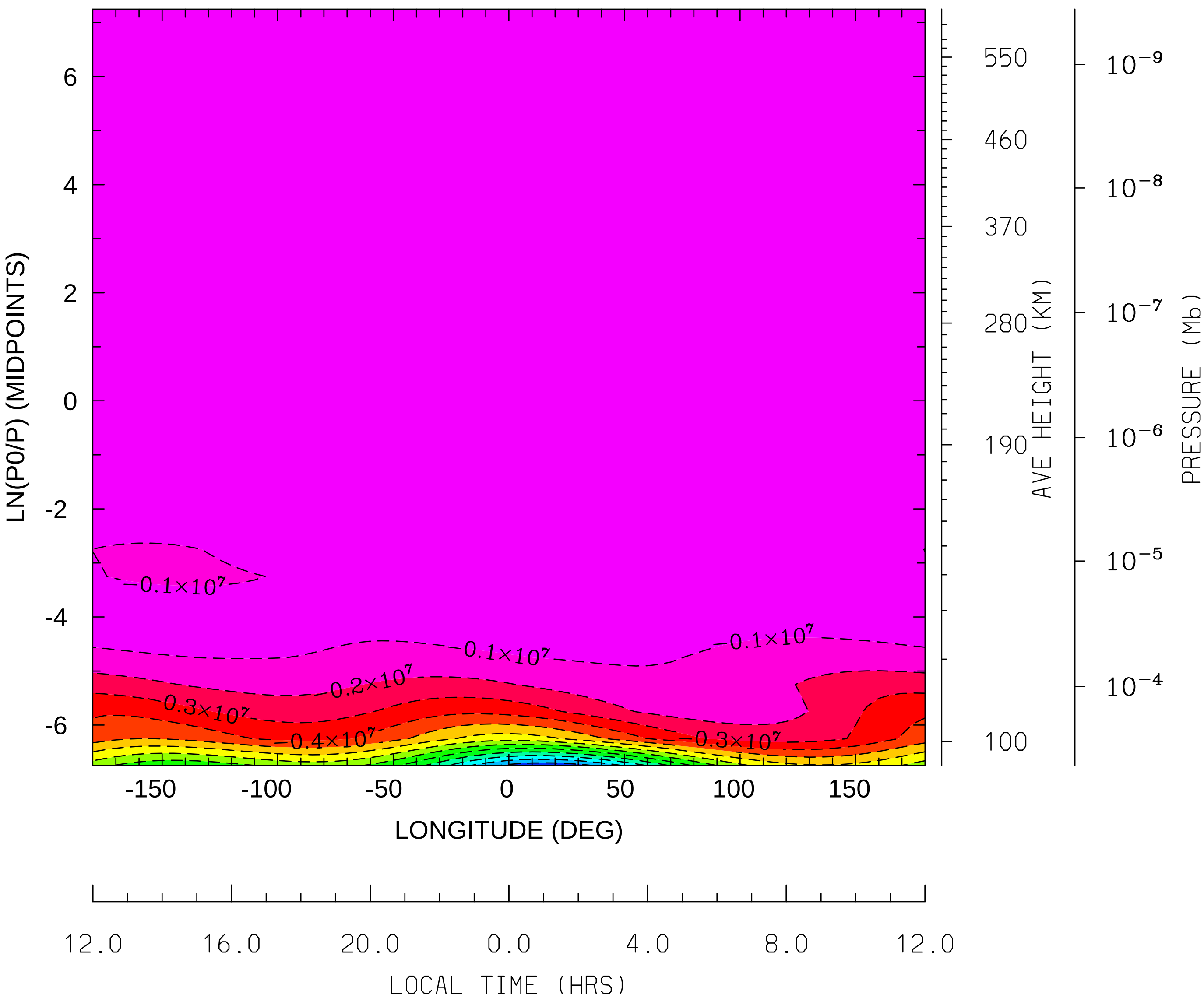


MIN,MAX= -1.1520E+07 1.3452E+03 INTERVAL= 5.0000E+05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc



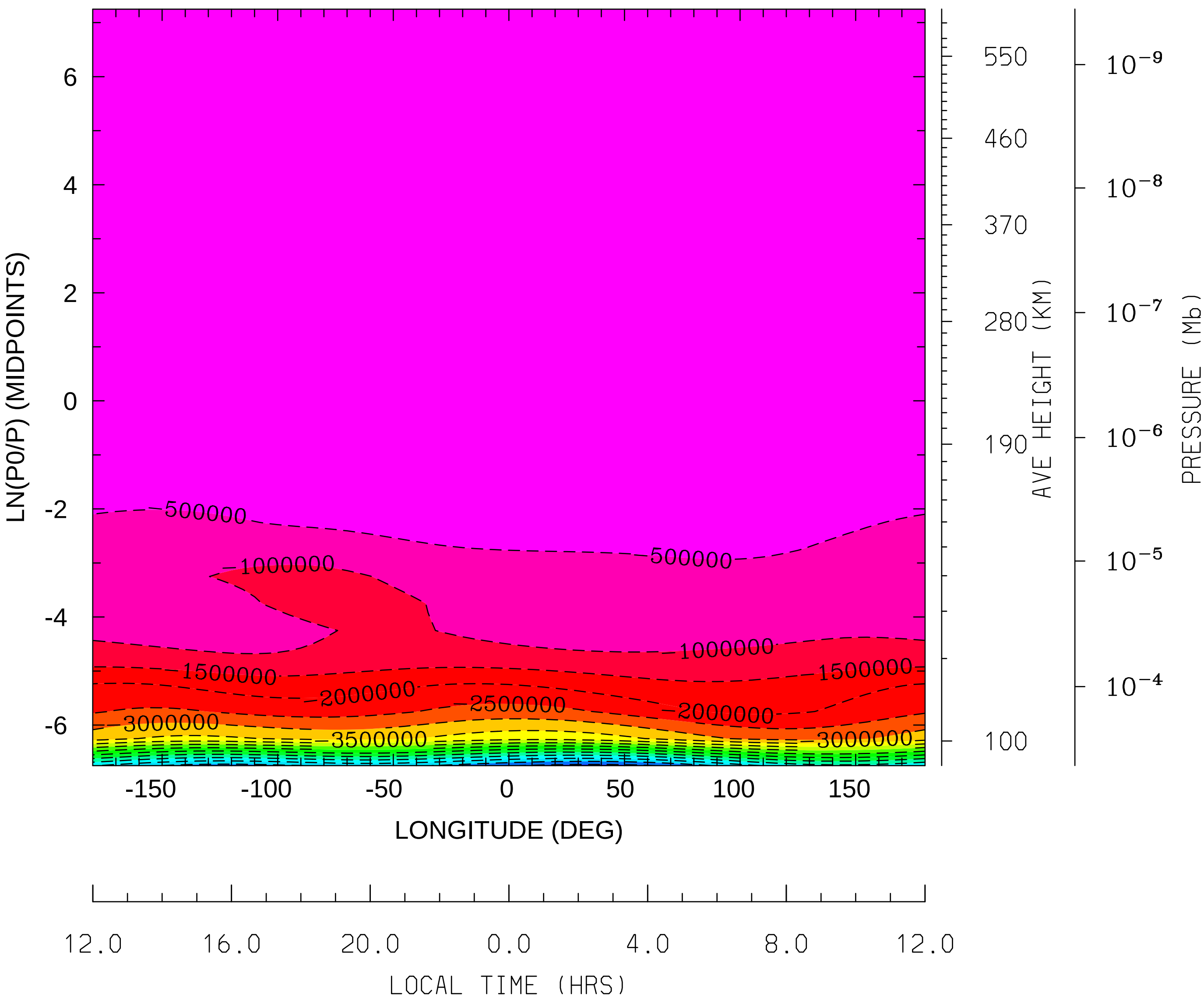
COOL_EXP: Total Explicit Cooling ()
UT= 0.00 LAT= -2.50 (DEG)
LN(P0/P) (MIDPOINTS)
6
4
2
0
-2
-4
-6
0.1×10^7
0.2×10^7
0.3×10^7
-150
-100
-50
0
50
100
150
LONGITUDE (DEG)
550
460
370
280
190
100
AVE HEIGHT (KM)
10^-9
10^-8
10^-7
10^-6
10^-5
10^-4
PRESSURE (Mb)
12.0
16.0
20.0
0.0
4.0
8.0
12.0
LOCAL TIME (HRS)
MIN,MAX= -1.3412E+07 1.4367E+03 INTERVAL= 1.0000E+06
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

COOL_EXP: Total Explicit Cooling ()
UT= 0.00 LAT= 37.50 (DEG)

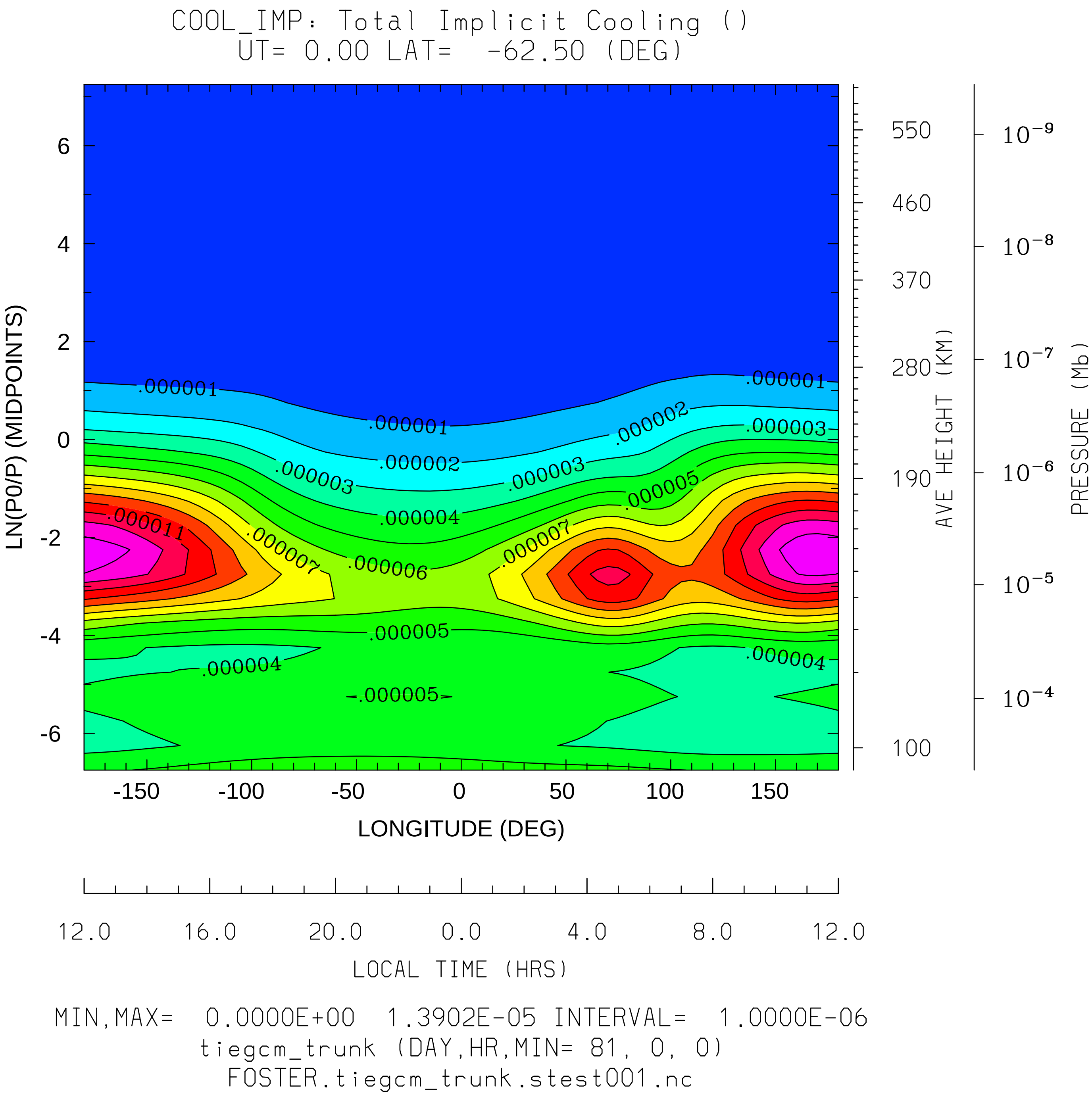


MIN,MAX= -1.3753E+07 1.6901E+03 INTERVAL= 1.0000E+06
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

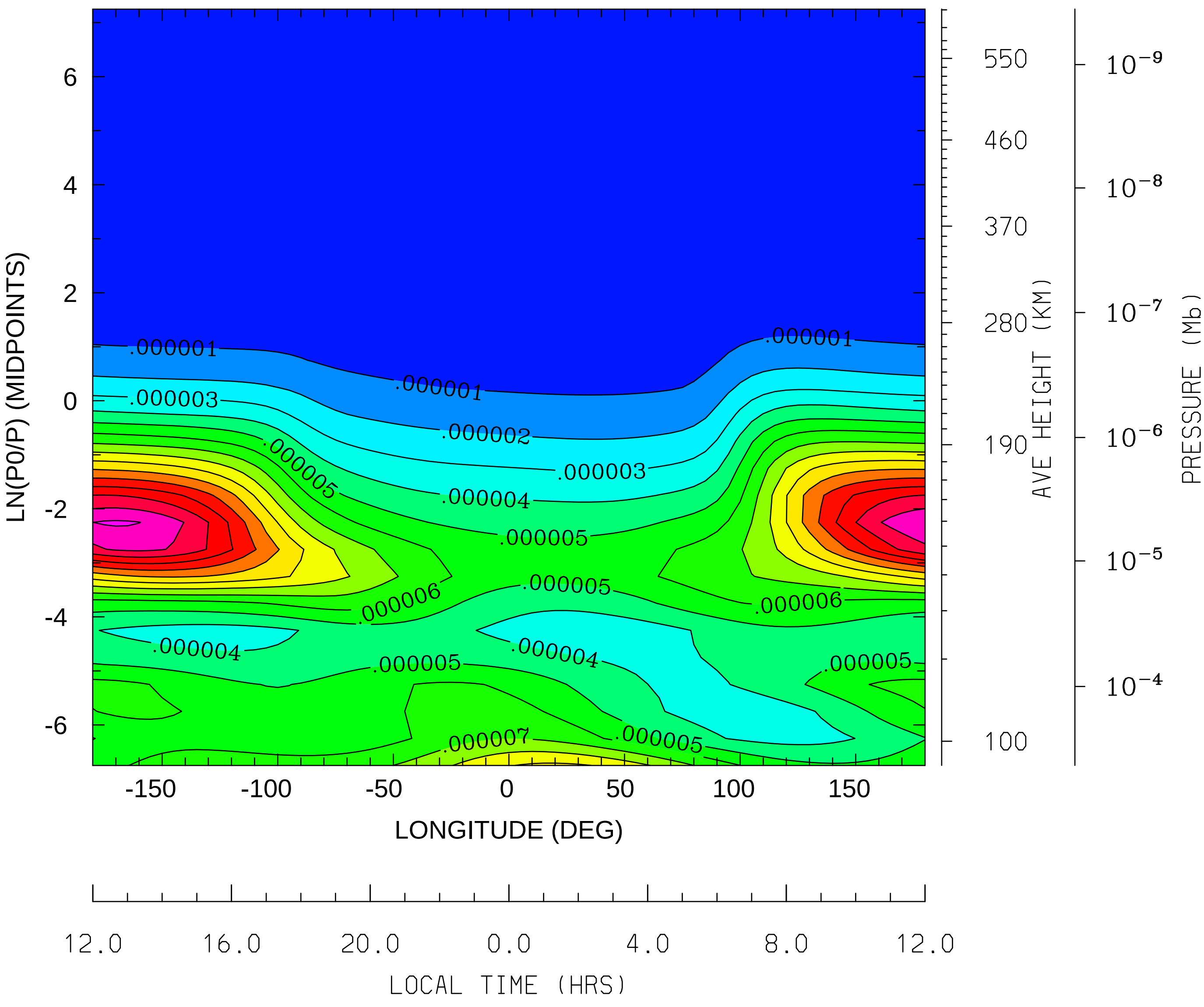
COOL_EXP: Total Explicit Cooling ()
UT= 0.00 LAT= 57.50 (DEG)



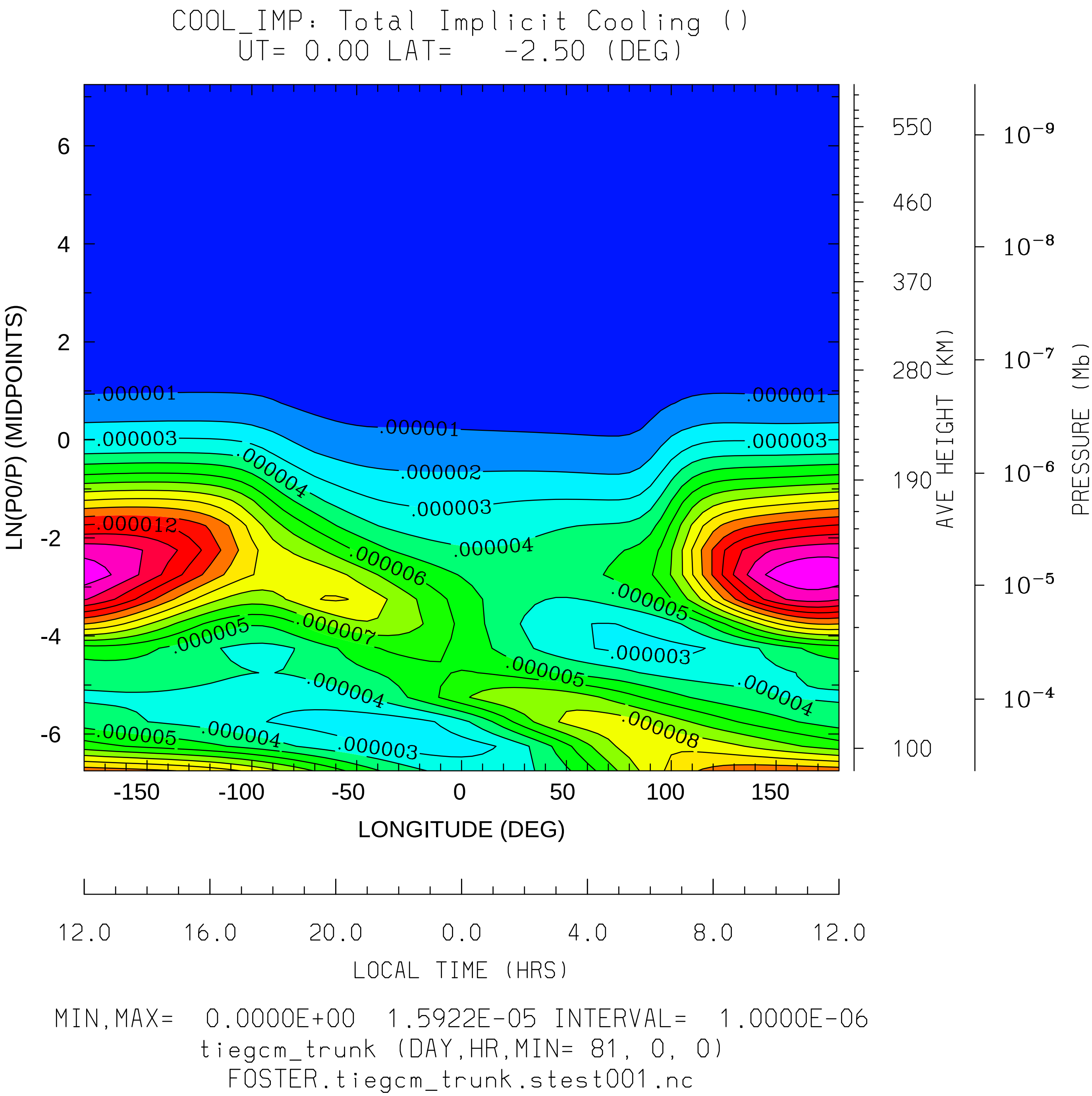
MIN,MAX= -8.1935E+06 1.1927E+03 INTERVAL= 5.0000E+05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

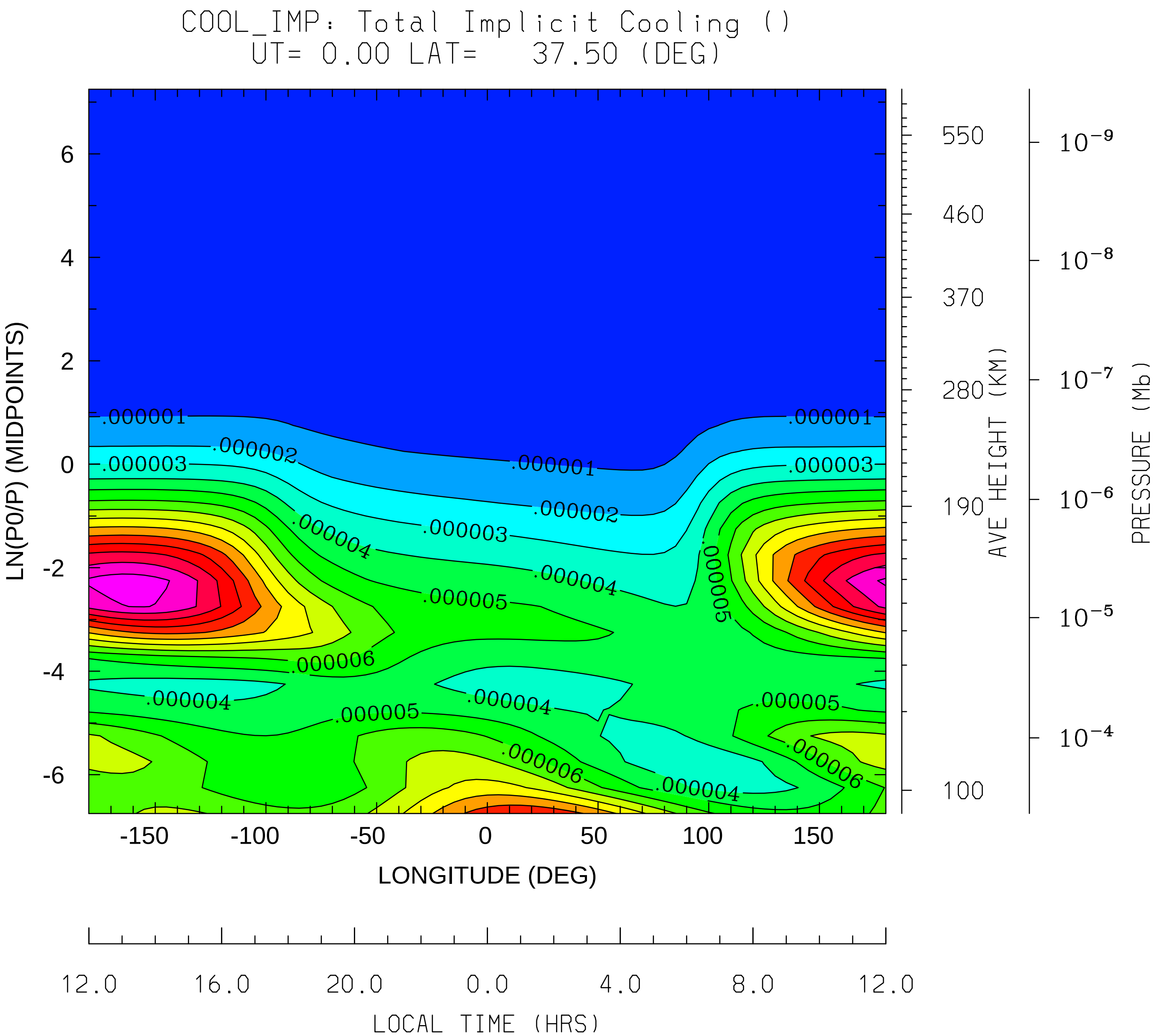

COOL_IMP: Total Implicit Cooling ()
UT= 0.00 LAT= -62.50 (DEG)
LN(P0/P) (MIDPOINTS)
6
4
2
0
-2
-4
-6
AVE HEIGHT (KM)
550
460
370
280
190
100
PRESSURE (Mb)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
.000001
.000002
.000003
.000004
.000005
.000006
.000007
.000011
-150
-100
-50
0
50
100
150
LONGITUDE (DEG)
12.0
16.0
20.0
0.0
4.0
8.0
12.0
LOCAL TIME (HRS)
MIN,MAX= 0.0000E+00 1.3902E-05 INTERVAL= 1.0000E-06
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

COOL_IMP: Total Implicit Cooling ()
UT= 0.00 LAT= -42.50 (DEG)



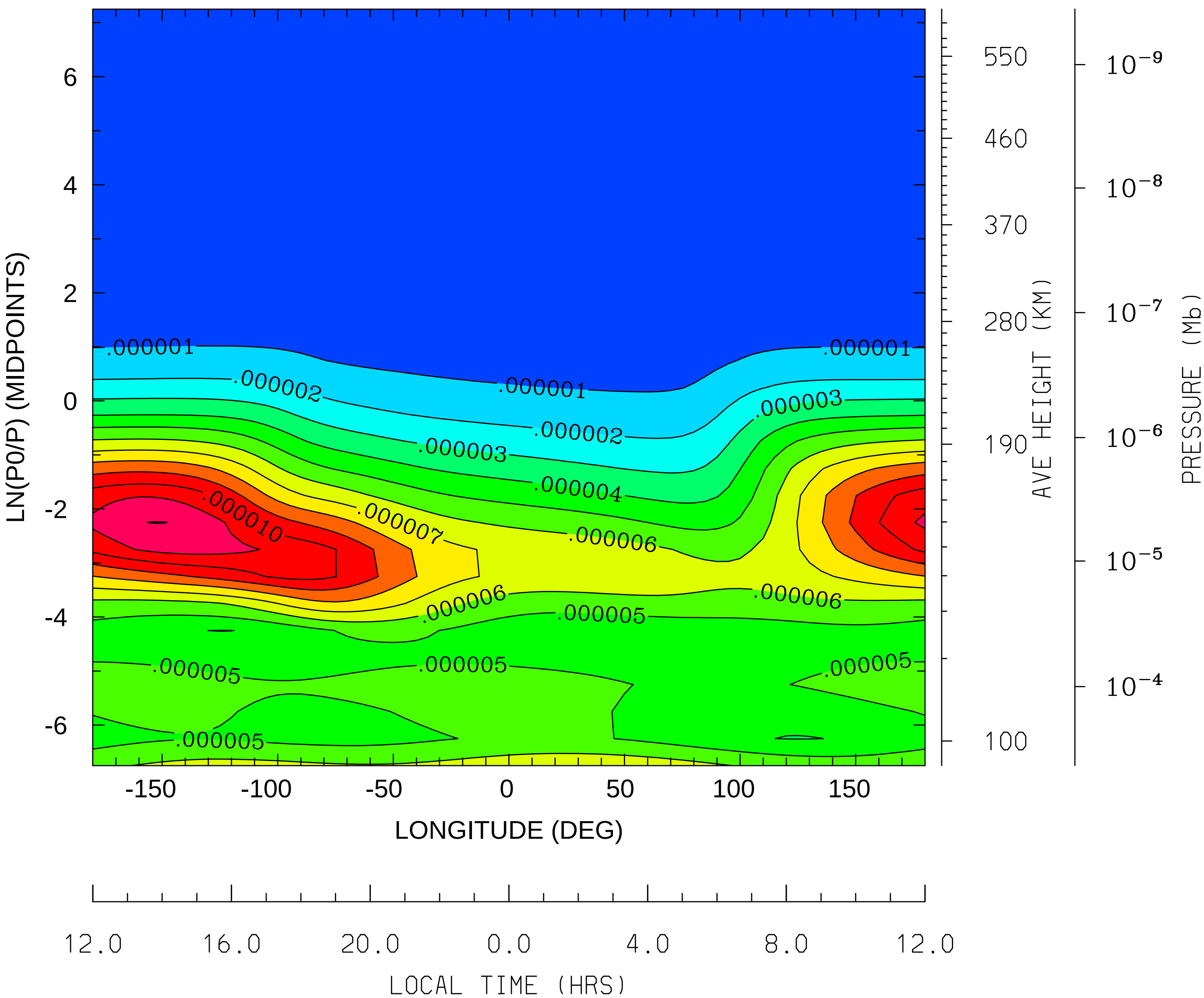
MIN,MAX= 0.0000E+00 1.5143E-05 INTERVAL= 1.0000E-06
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc


COOL_IMP: Total Implicit Cooling ()
UT= 0.00 LAT= -2.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
LOCAL TIME (HRS)
MIN,MAX= 0.0000E+00 1.5922E-05 INTERVAL= 1.0000E-06
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

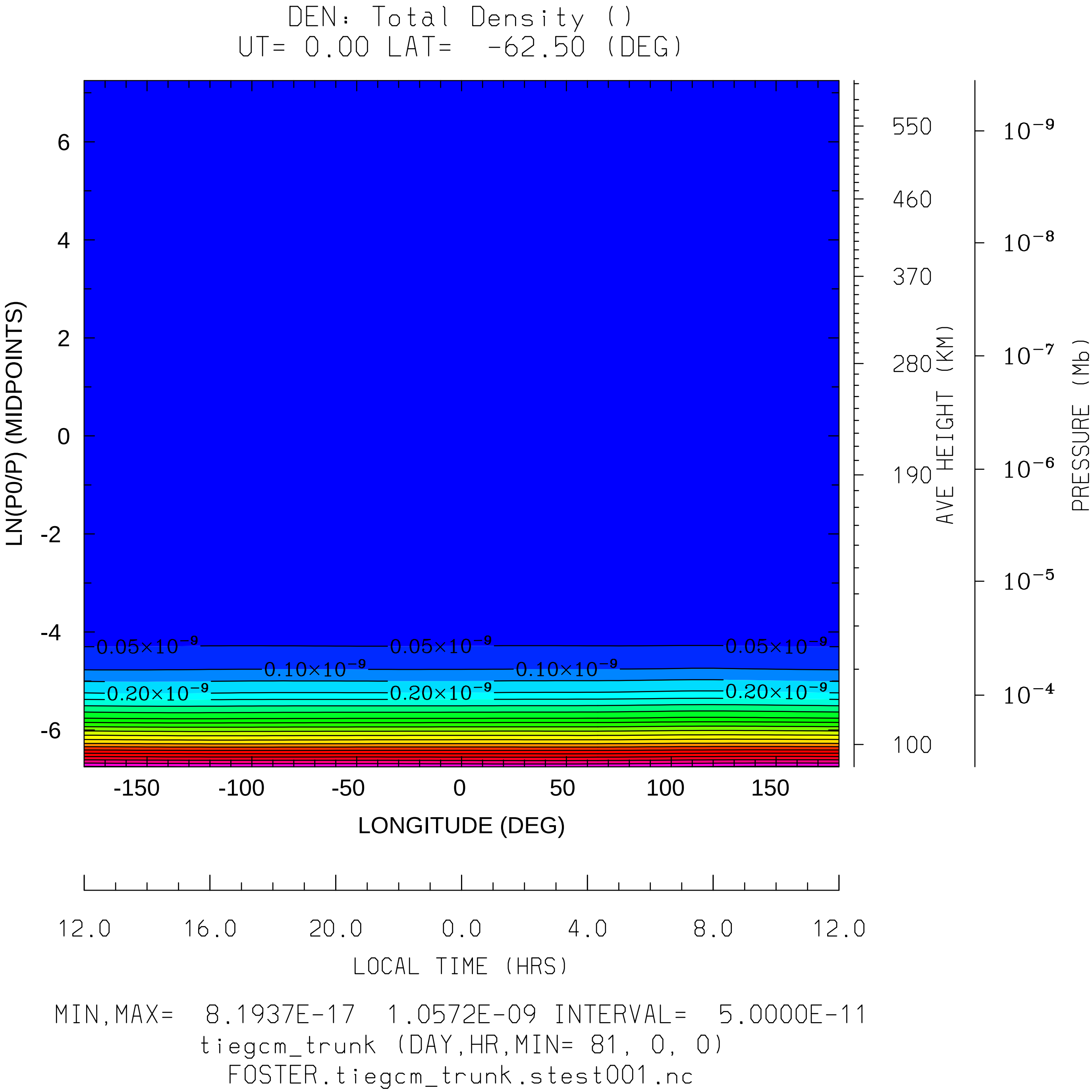


MIN,MAX= 0.0000E+00 1.4561E-05 INTERVAL= 1.0000E-06
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

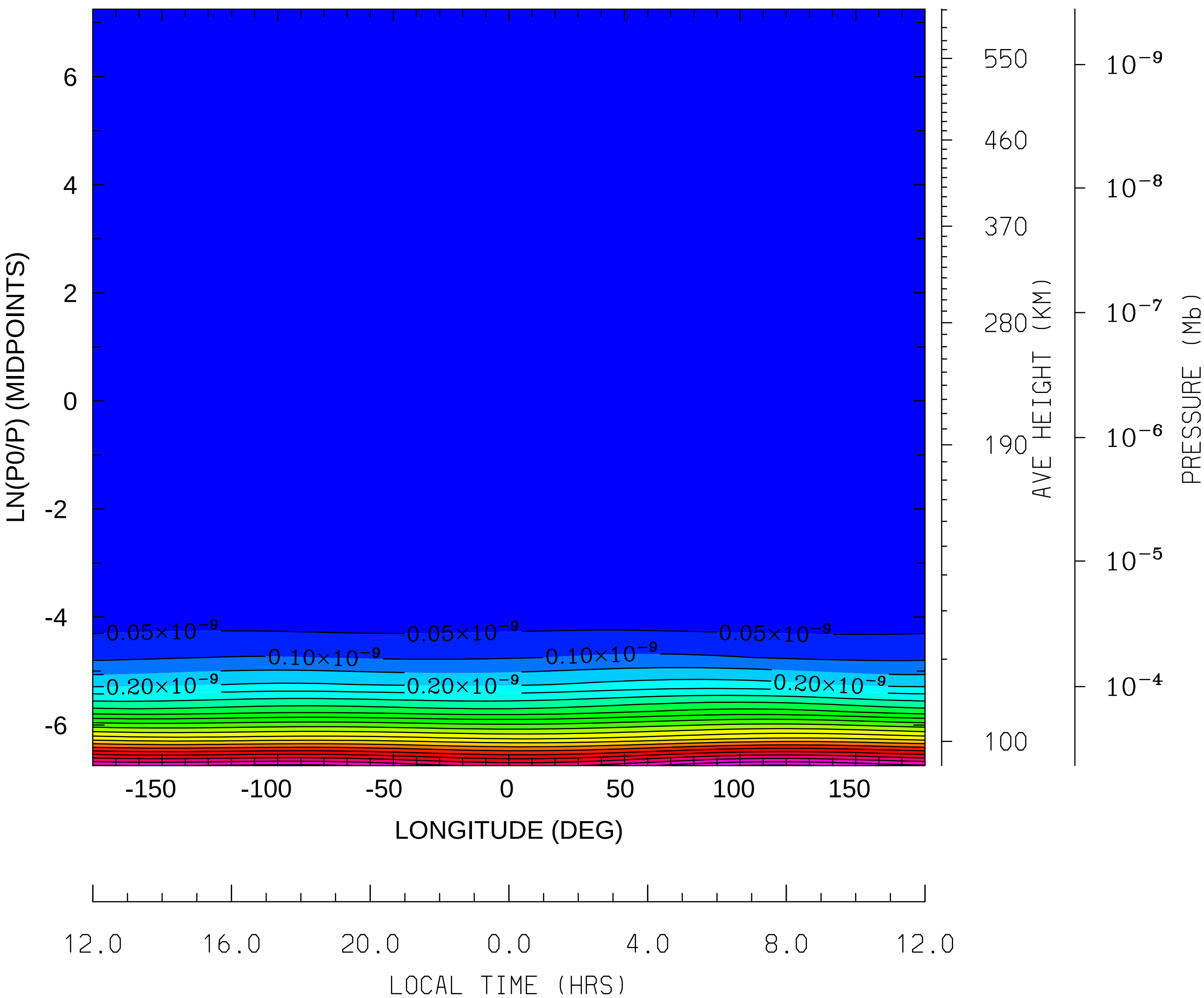
COOL_IMP: Total Implicit Cooling ()
UT= 0.00 LAT= 57.50 (DEG)



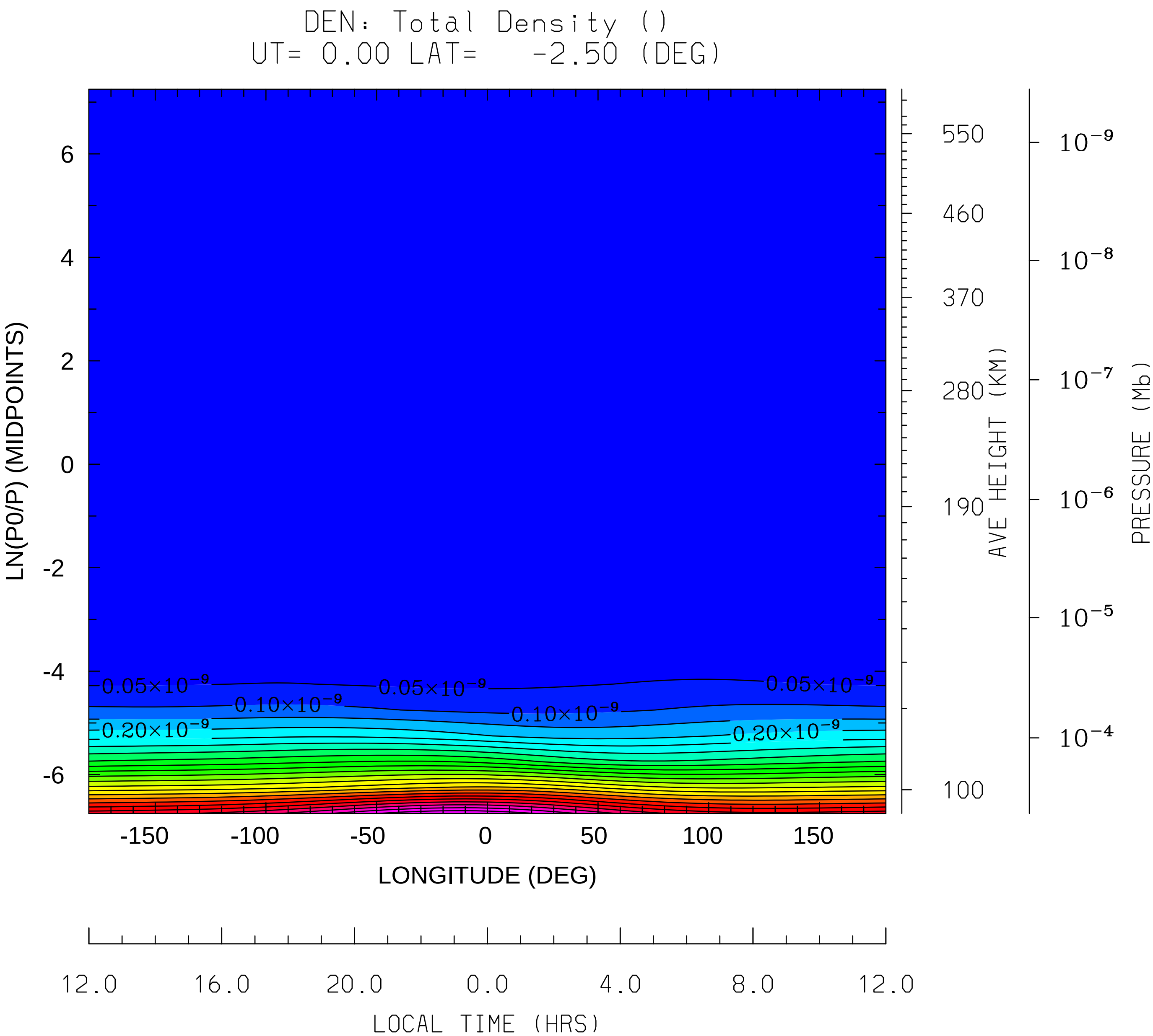
MIN,MAX= 0.0000E+00 1.2024E-05 INTERVAL= 1.0000E-06
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc


DEN: Total Density ()
UT= 0.00 LAT= -62.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
LOCAL TIME (HRS)
0.05×10⁻⁹
0.10×10⁻⁹
0.20×10⁻⁹
MIN,MAX= 8.1937E-17 1.0572E-09 INTERVAL= 5.0000E-11
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

DEN: Total Density ()
UT= 0.00 LAT= -42.50 (DEG)

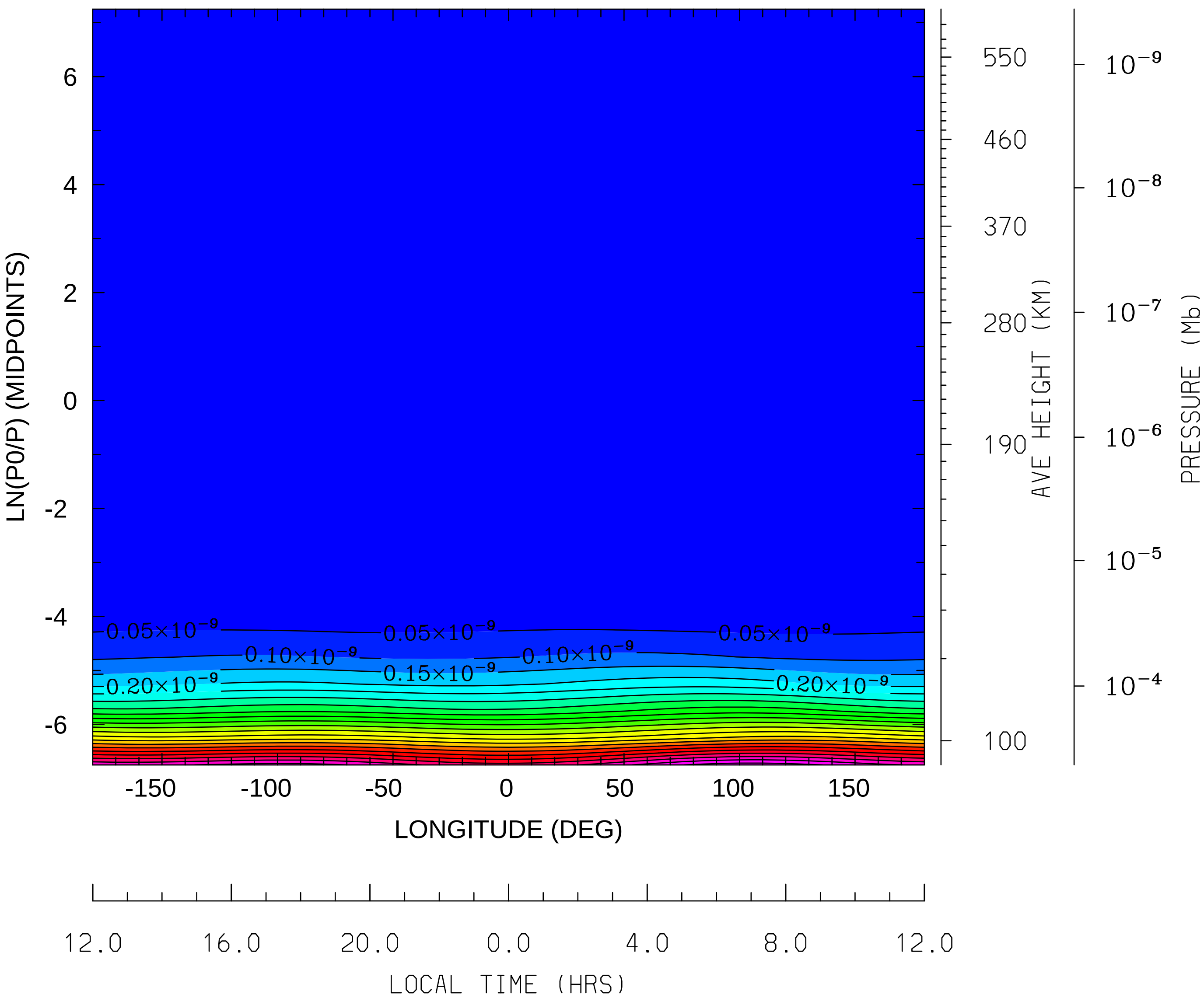


MIN,MAX= 8.0025E-17 1.1075E-09 INTERVAL= 5.0000E-11
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc



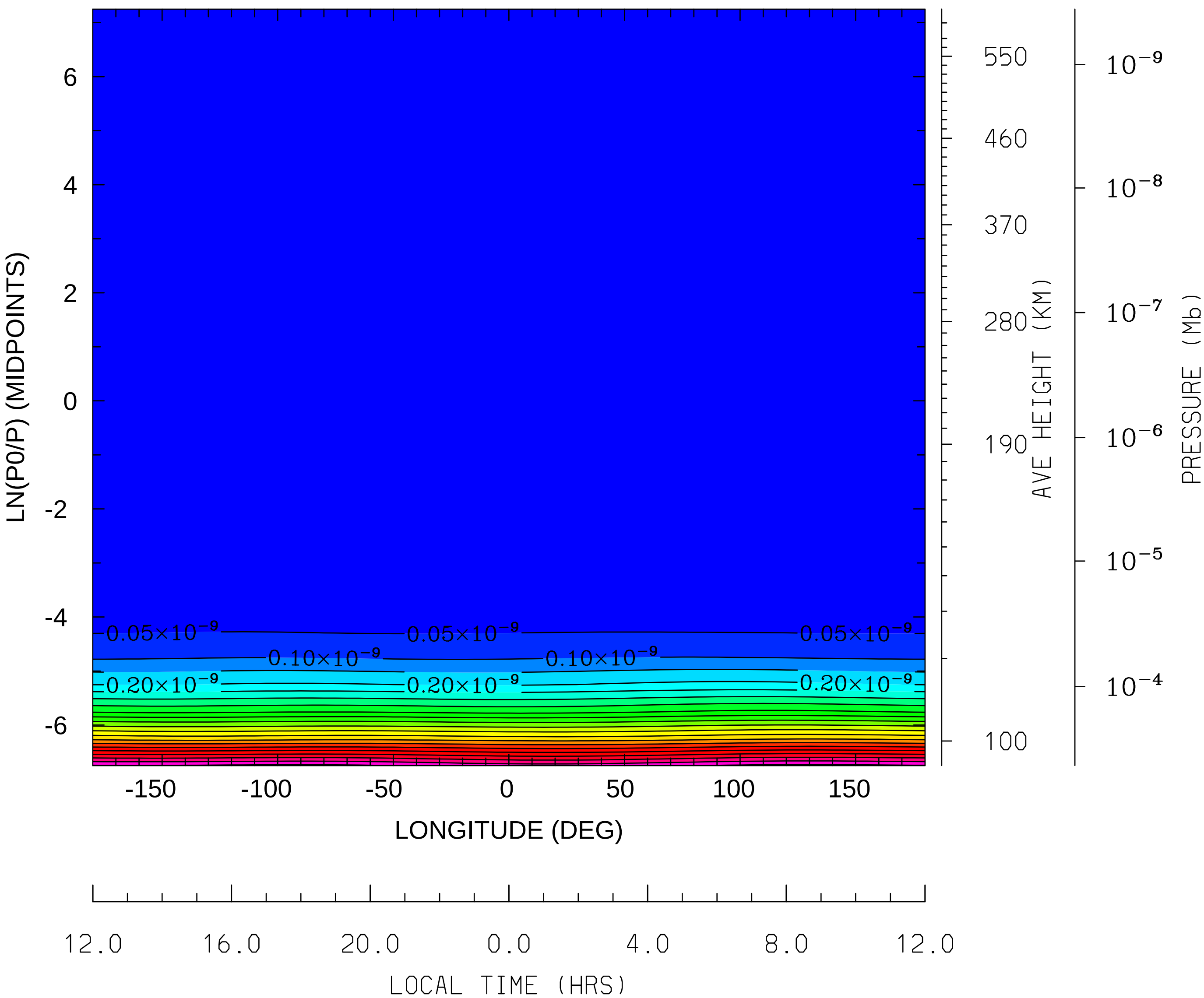
MIN,MAX= 7.9931E-17 1.1973E-09 INTERVAL= 5.0000E-11
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

DEN: Total Density ()
UT= 0.00 LAT= 37.50 (DEG)

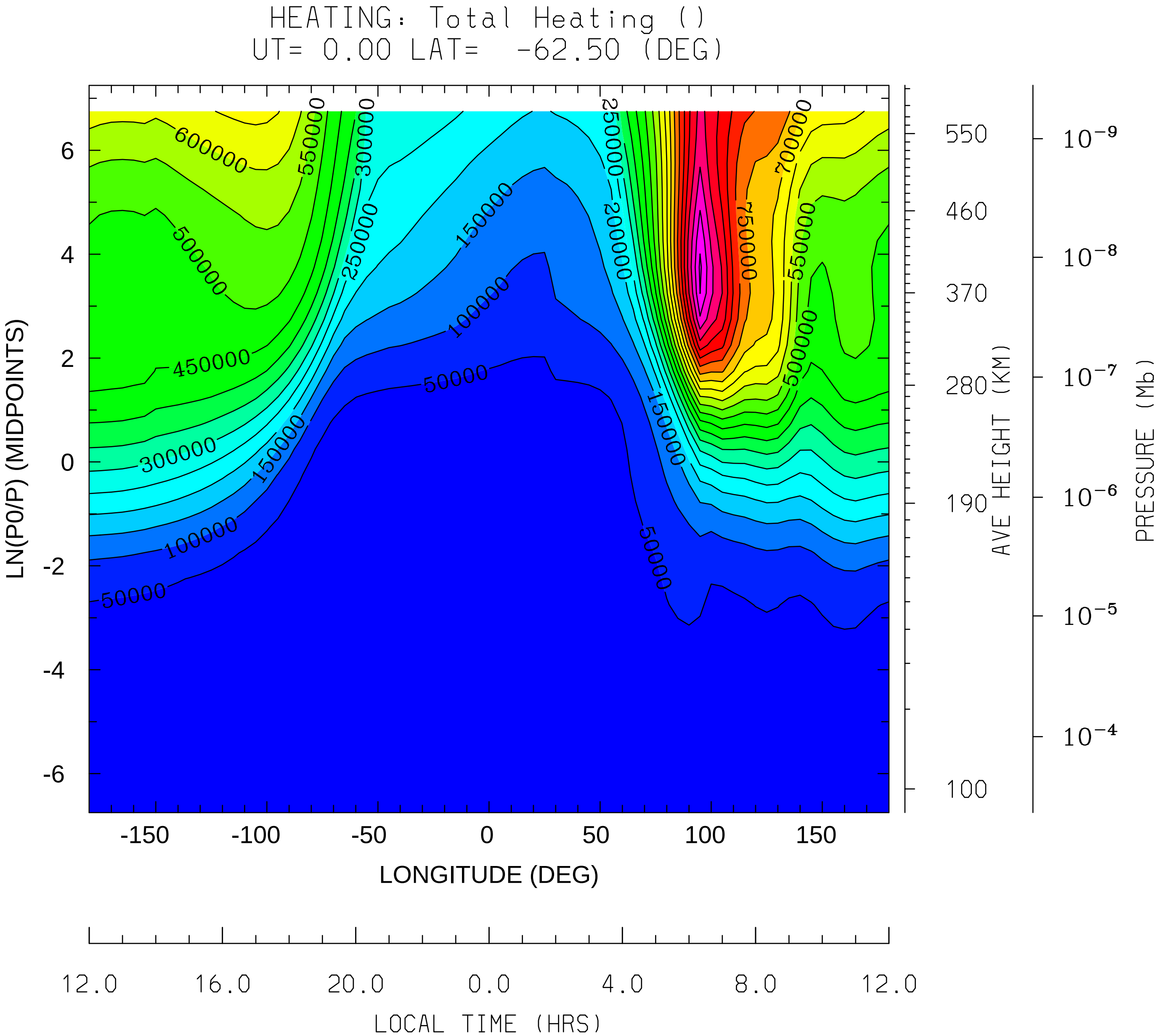


MIN,MAX= 7.9087E-17 1.1284E-09 INTERVAL= 5.0000E-11
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

DEN: Total Density ()
UT= 0.00 LAT= 57.50 (DEG)

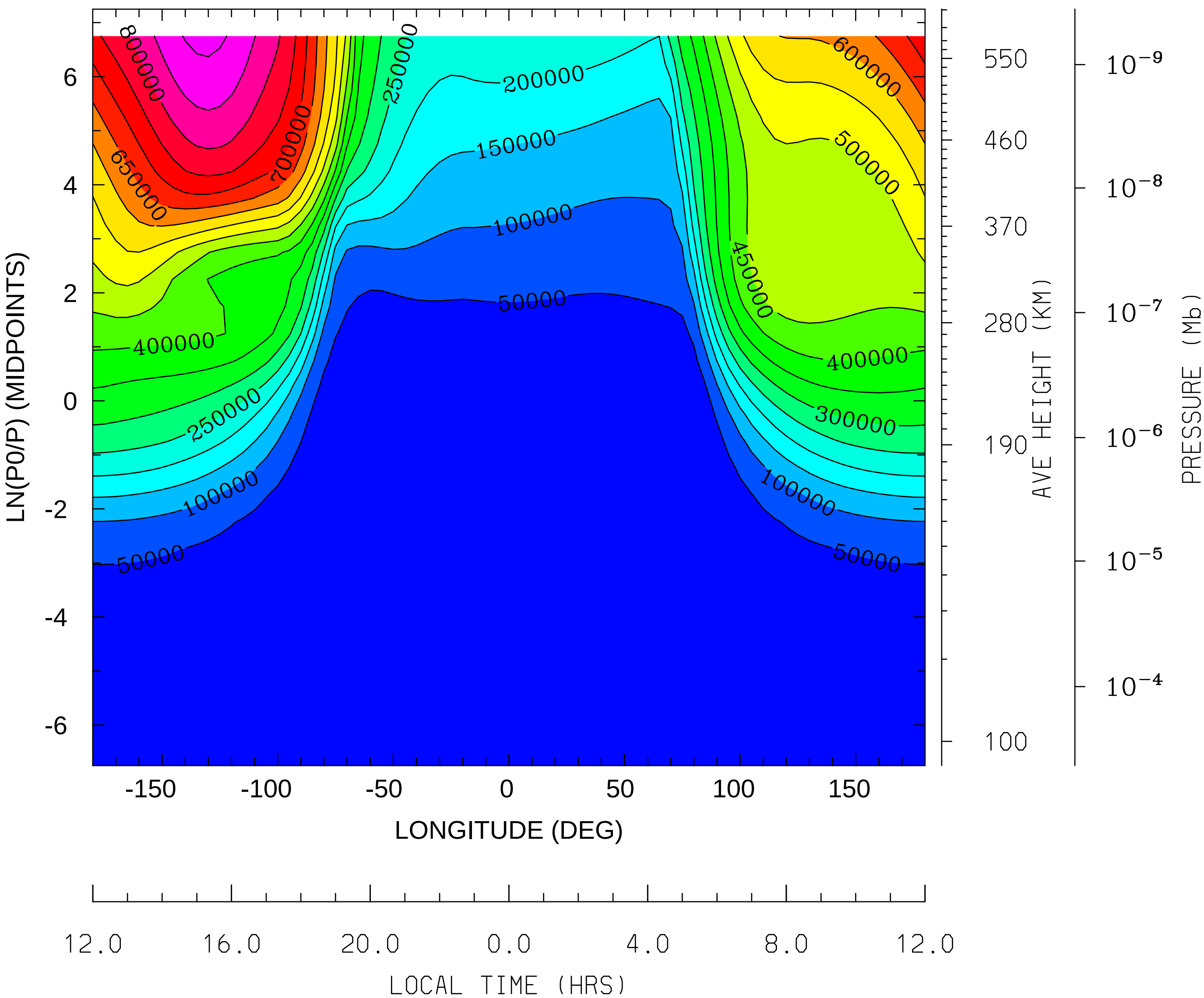


MIN,MAX= 8.1509E-17 1.0635E-09 INTERVAL= 5.0000E-11
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

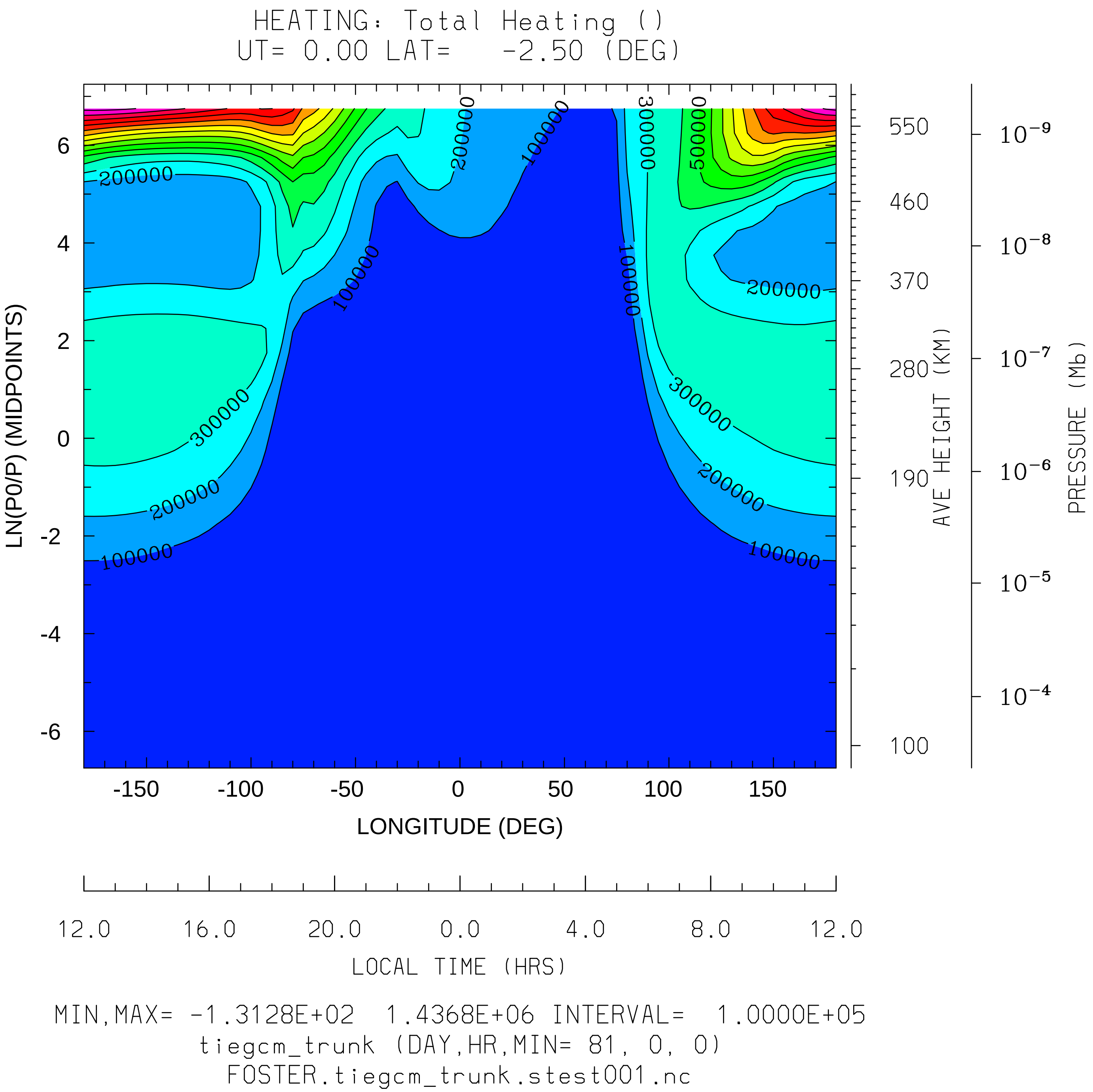


MIN,MAX= -1.9511E+01 1.1105E+06 INTERVAL= 5.0000E+04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

HEATING: Total Heating ()
UT= 0.00 LAT= -42.50 (DEG)

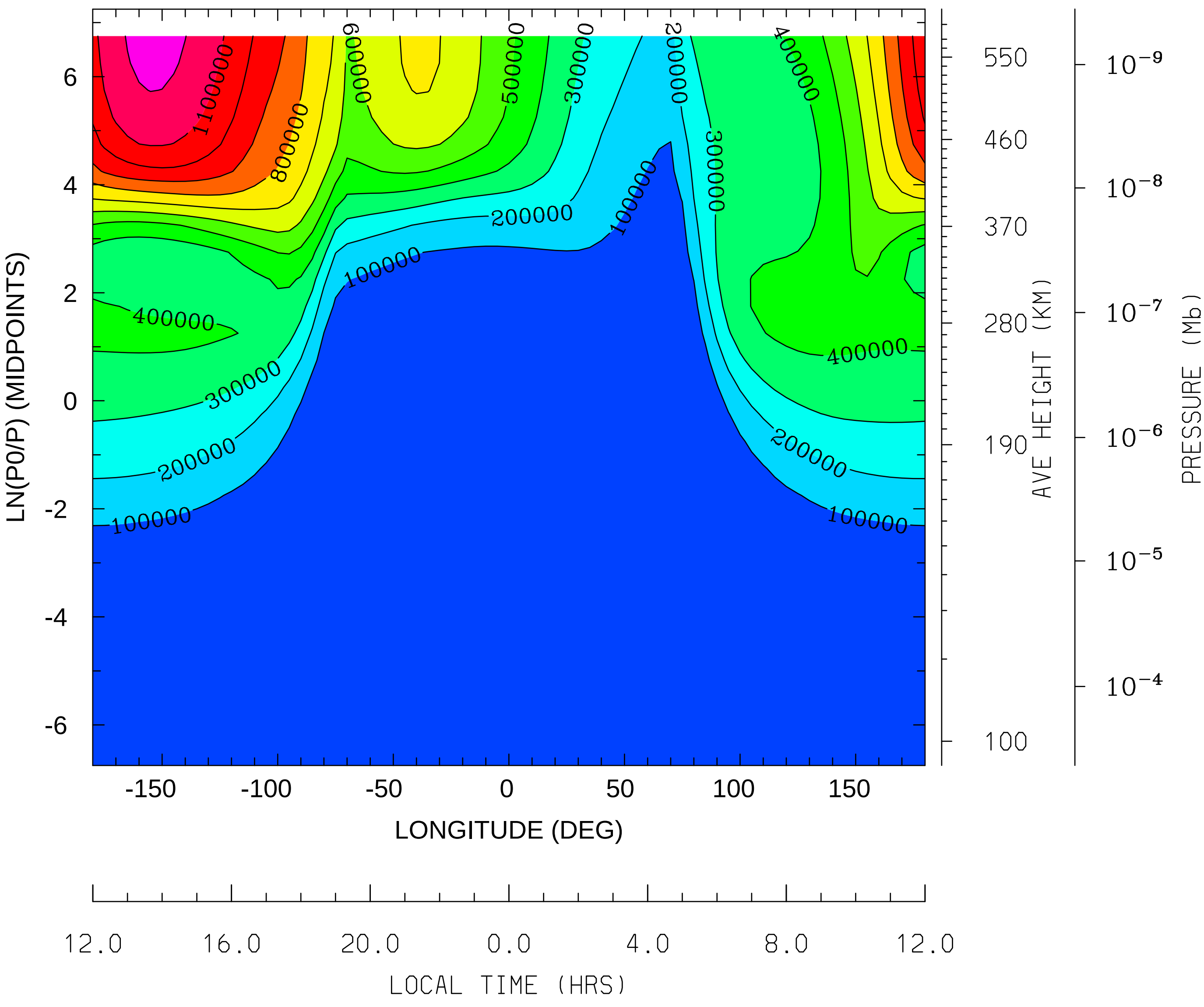


MIN,MAX= -9.8981E+00 9.1459E+05 INTERVAL= 5.0000E+04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

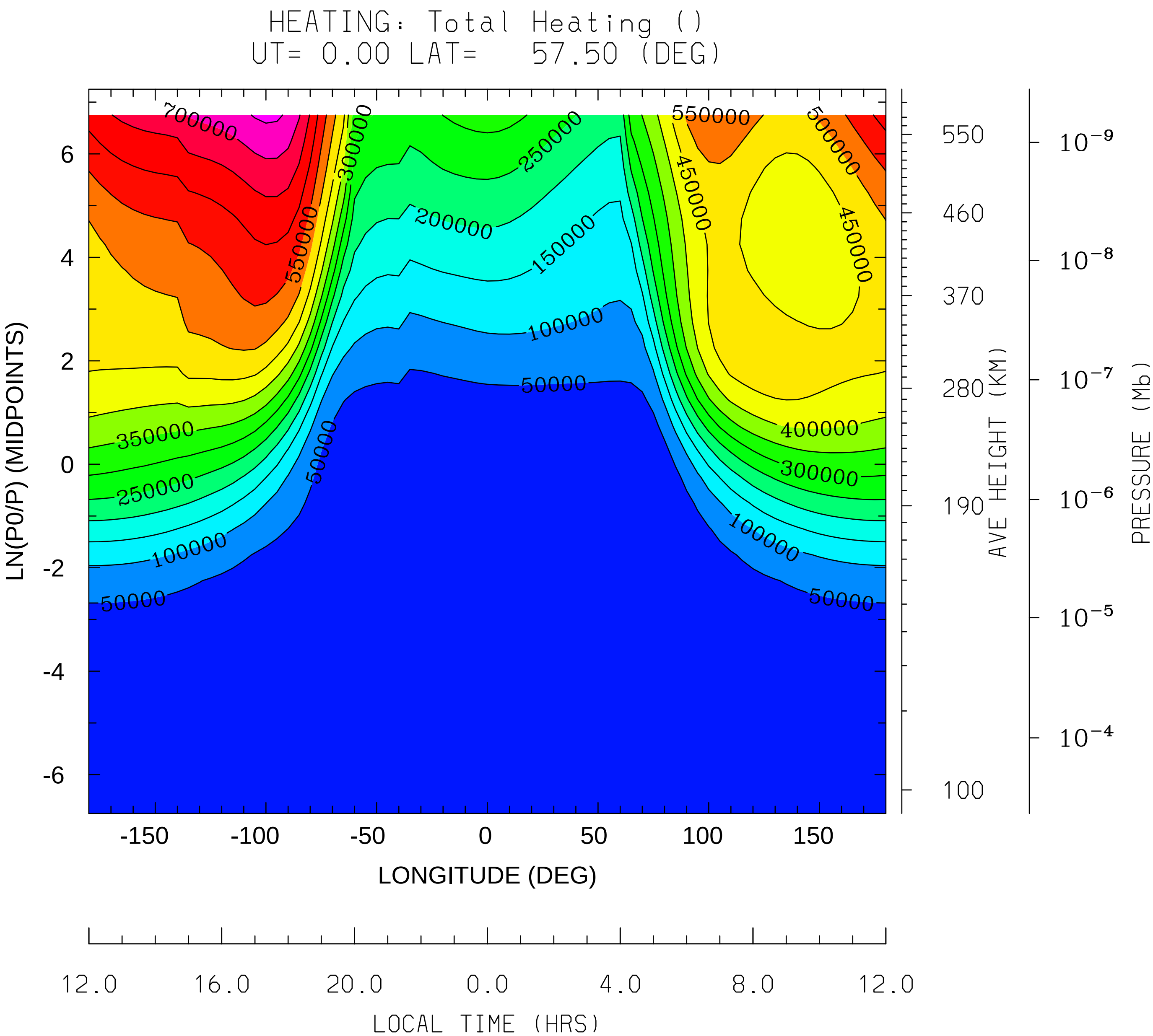


HEATING: Total Heating ()
UT= 0.00 LAT= -2.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
LOCAL TIME (HRS)
12.0
16.0
20.0
0.0
4.0
8.0
12.0
200000
100000
300000
500000
MIN,MAX= -1.3128E+02 1.4368E+06 INTERVAL= 1.0000E+05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

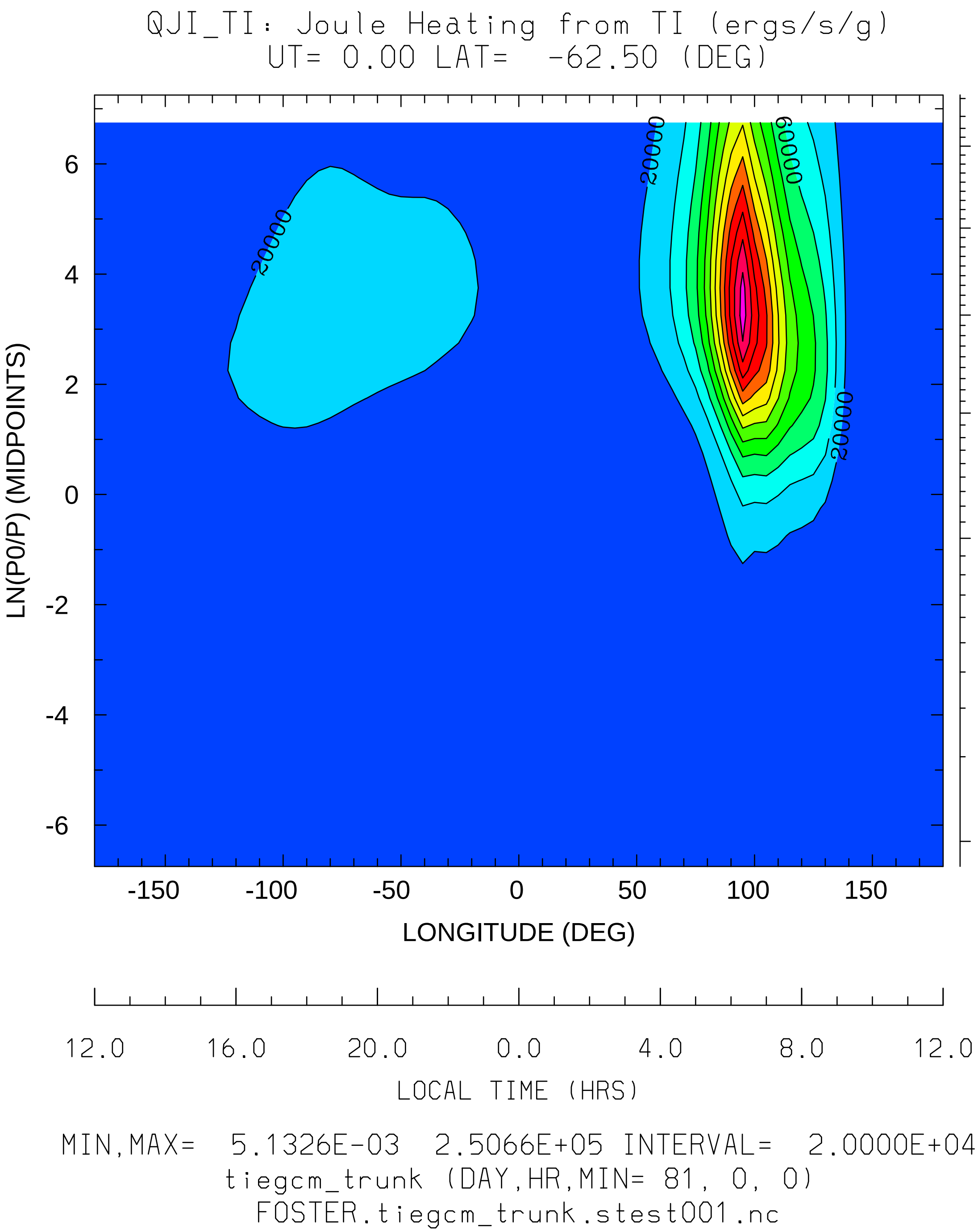
HEATING: Total Heating ()
UT= 0.00 LAT= 37.50 (DEG)



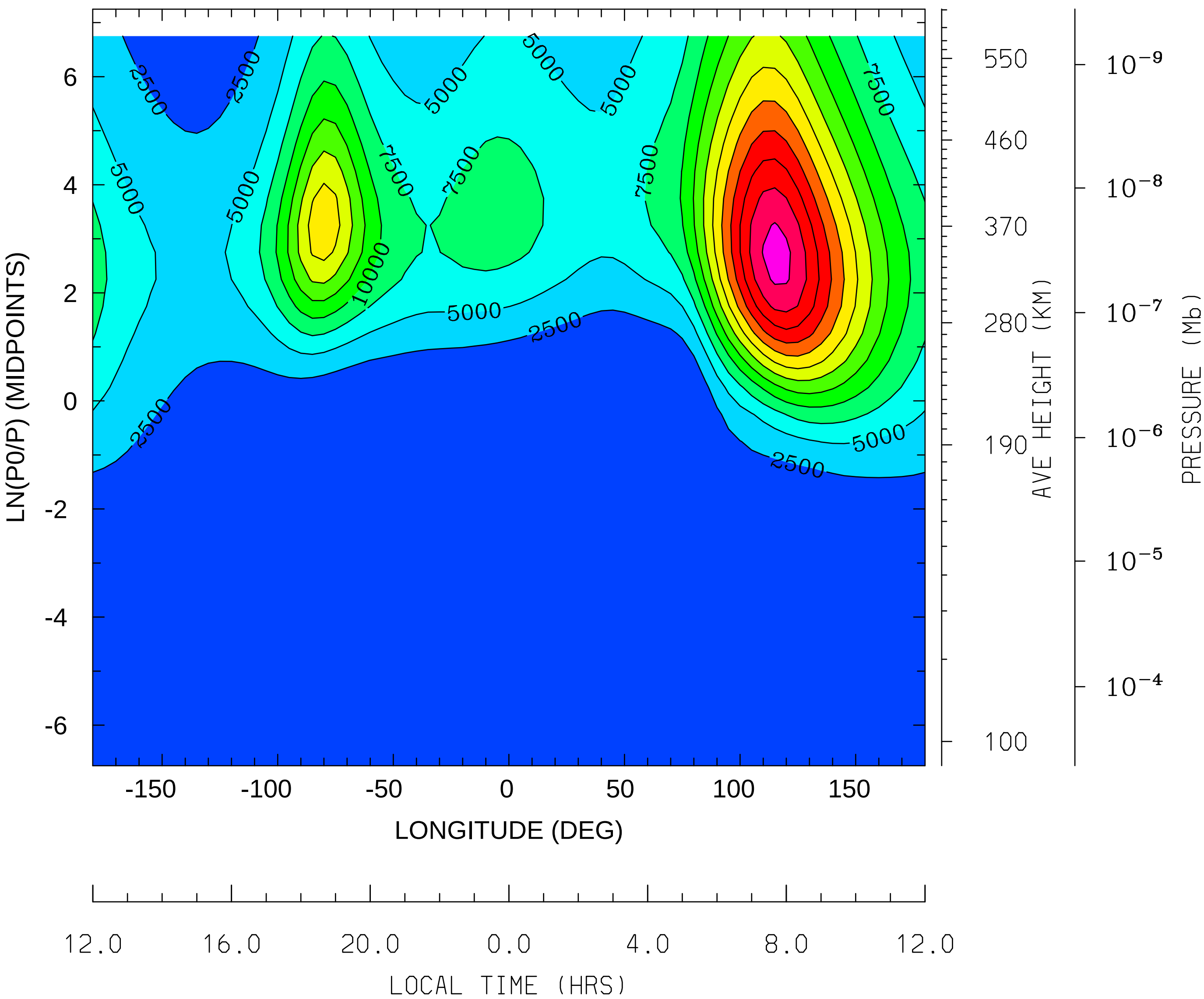
MIN,MAX= -4.1328E+01 1.2316E+06 INTERVAL= 1.0000E+05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc



MIN,MAX= 5.5528E+01 7.6135E+05 INTERVAL= 5.0000E+04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

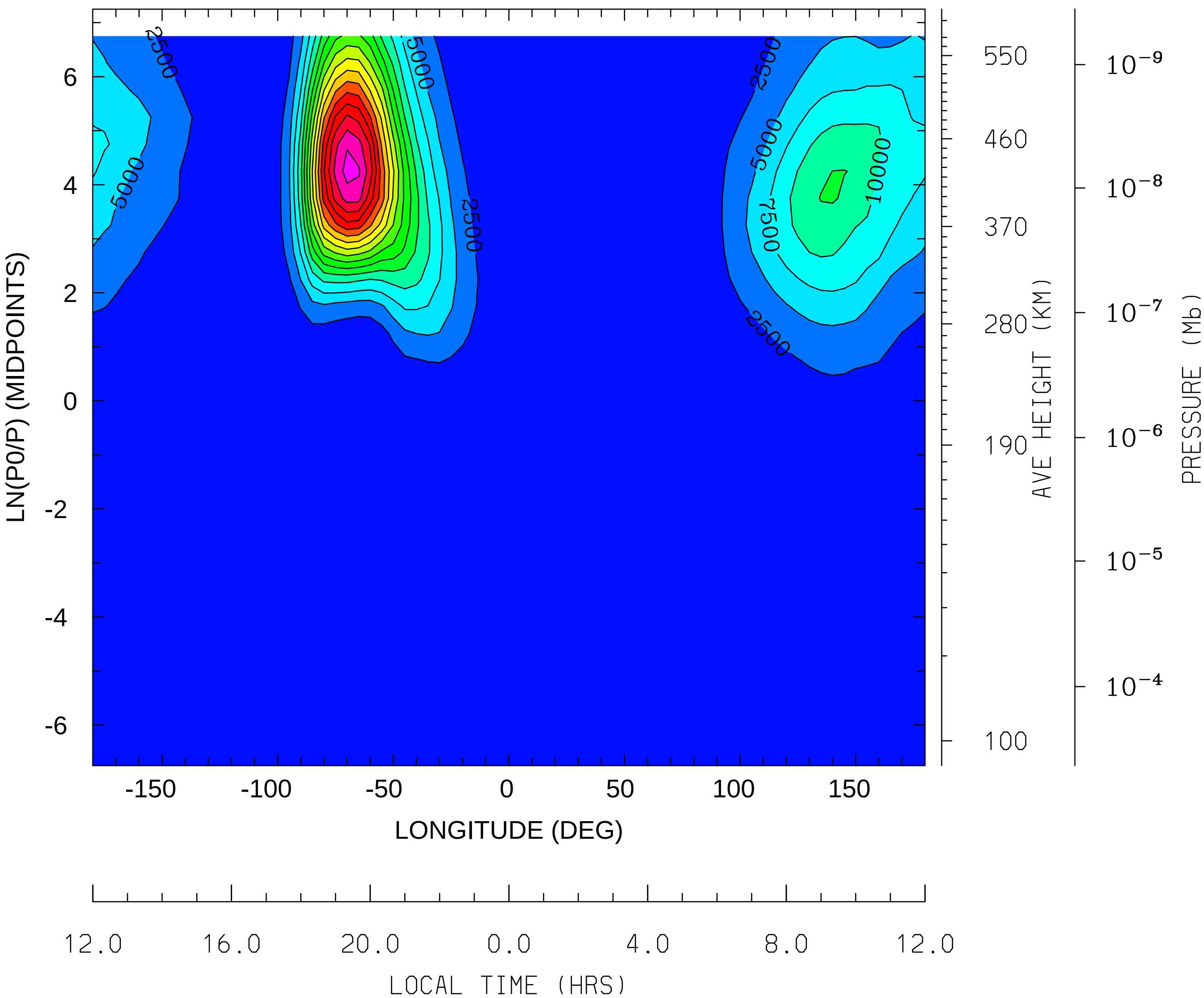

QJI_TI: Joule Heating from TI (ergs/s/g)
UT= 0.00 LAT= -62.50 (DEG)
LN(P0/P) (MIDPOINTS)
6
4
2
0
-2
-4
-6
20000
20000
60000
20000
550
460
370
280
190
100
AVE HEIGHT (KM)
10^-9
10^-8
10^-7
10^-6
10^-5
10^-4
PRESSURE (Mb)
-150
-100
-50
0
50
100
150
LONGITUDE (DEG)
12.0
16.0
20.0
0.0
4.0
8.0
12.0
LOCAL TIME (HRS)
MIN,MAX= 5.1326E-03 2.5066E+05 INTERVAL= 2.0000E+04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

QJI_TI: Joule Heating from TI (ergs/s/g)
UT= 0.00 LAT= -42.50 (DEG)

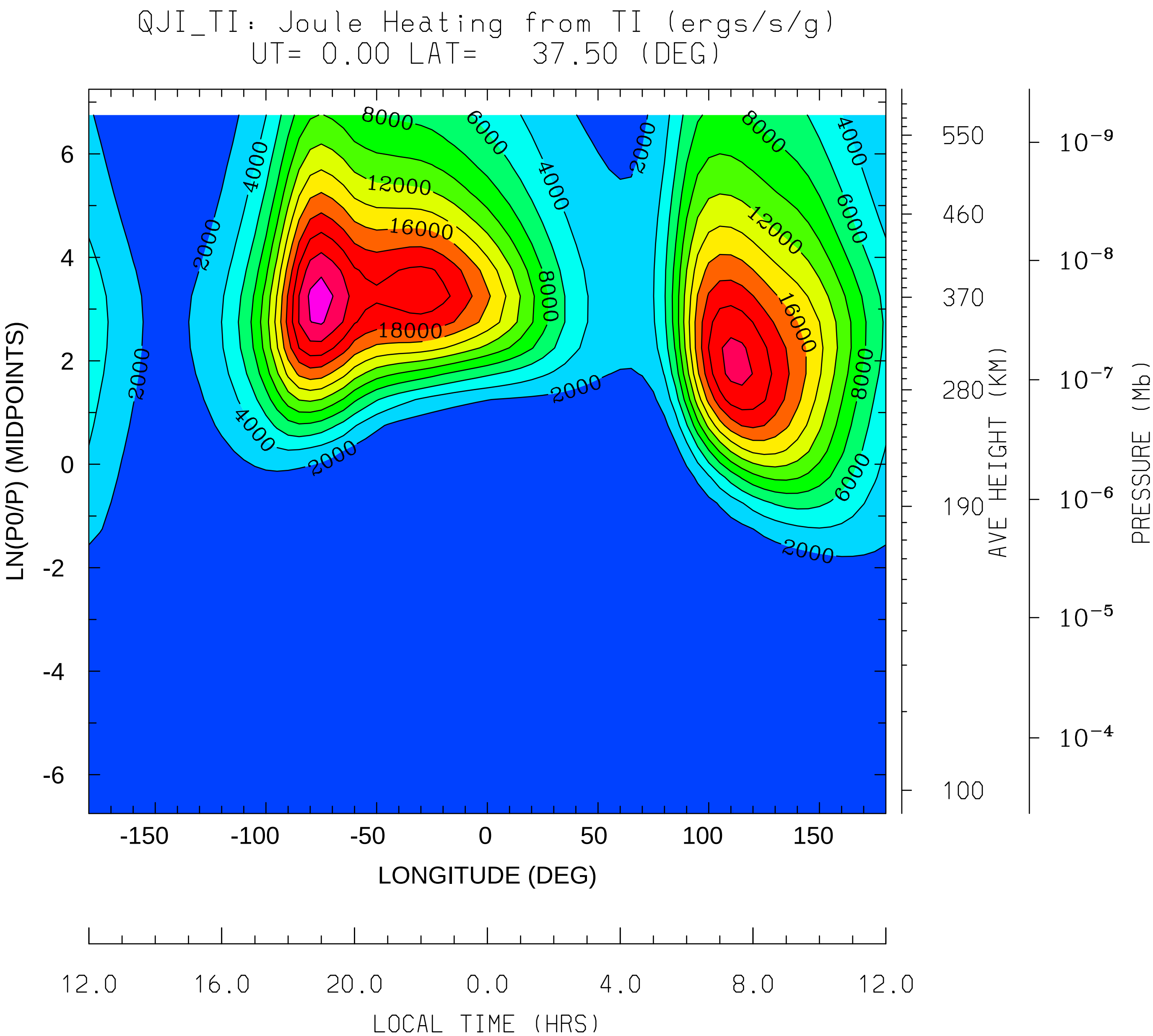


MIN,MAX= 2.7681E-04 3.1032E+04 INTERVAL= 2.5000E+03
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

QJI_TI: Joule Heating from TI (ergs/s/g)
UT= 0.00 LAT= -2.50 (DEG)

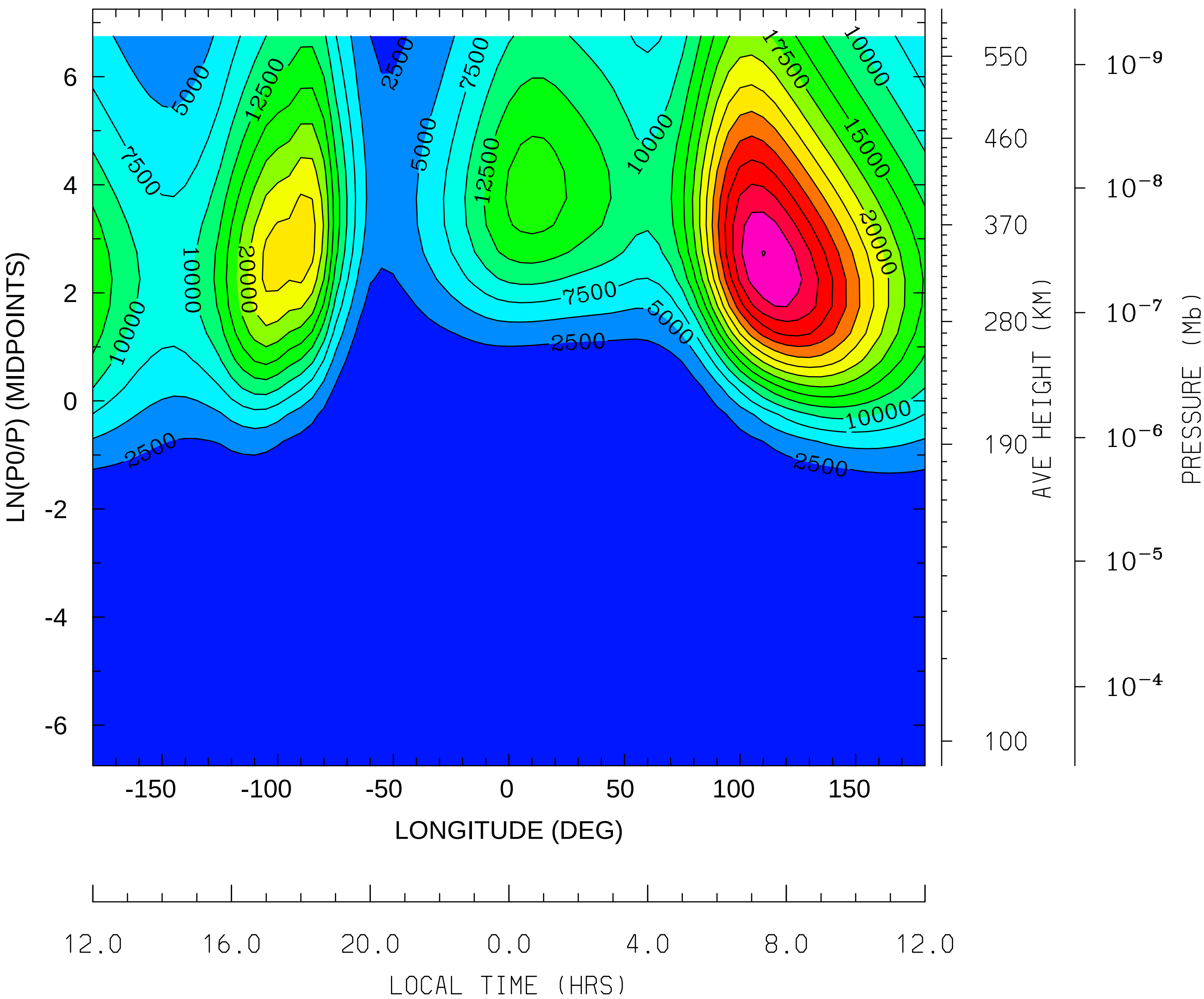


MIN,MAX= 1.2438E-03 4.1088E+04 INTERVAL= 2.5000E+03
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

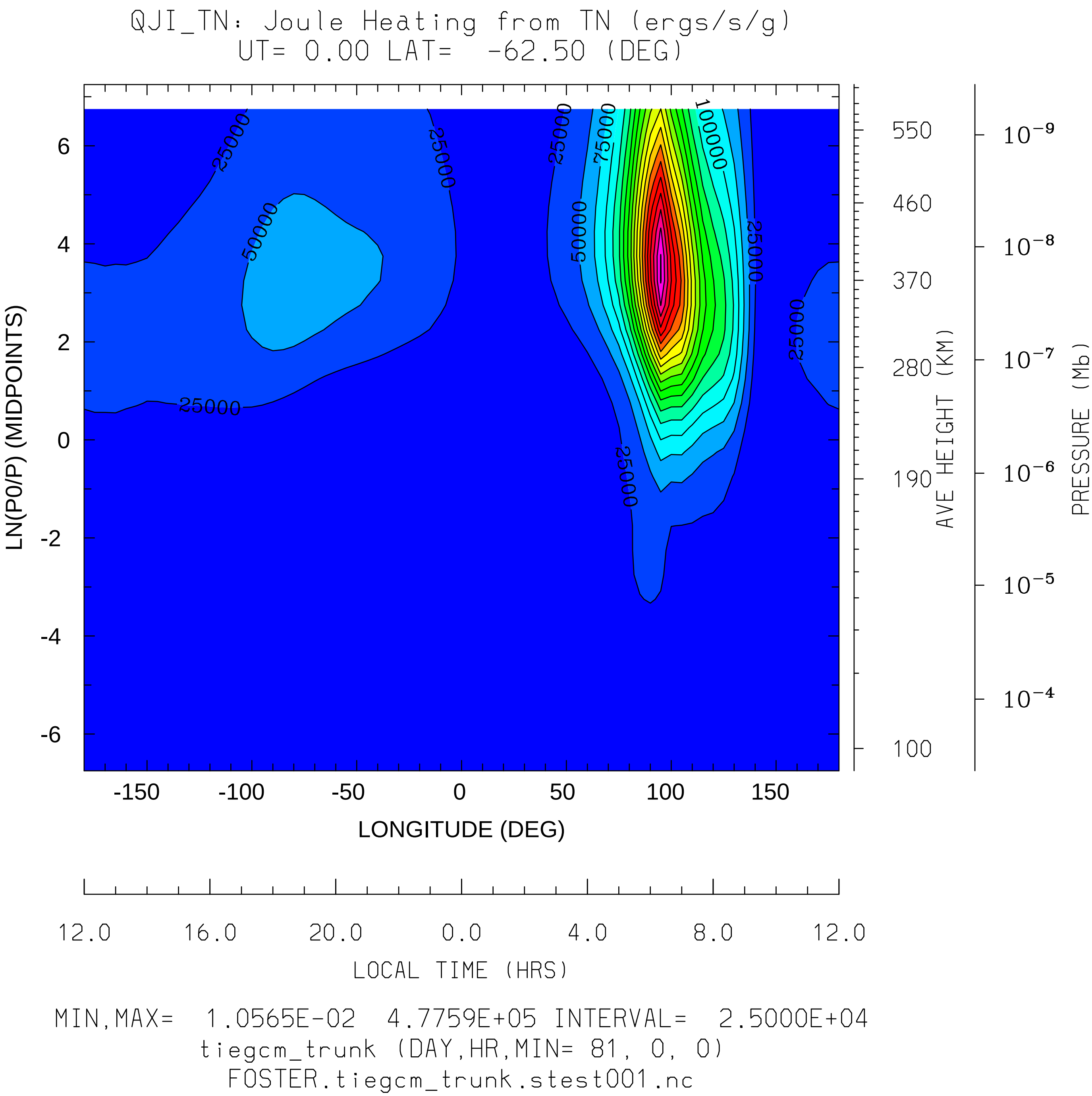


MIN,MAX= 1.3366E-03 2.4982E+04 INTERVAL= 2.0000E+03
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

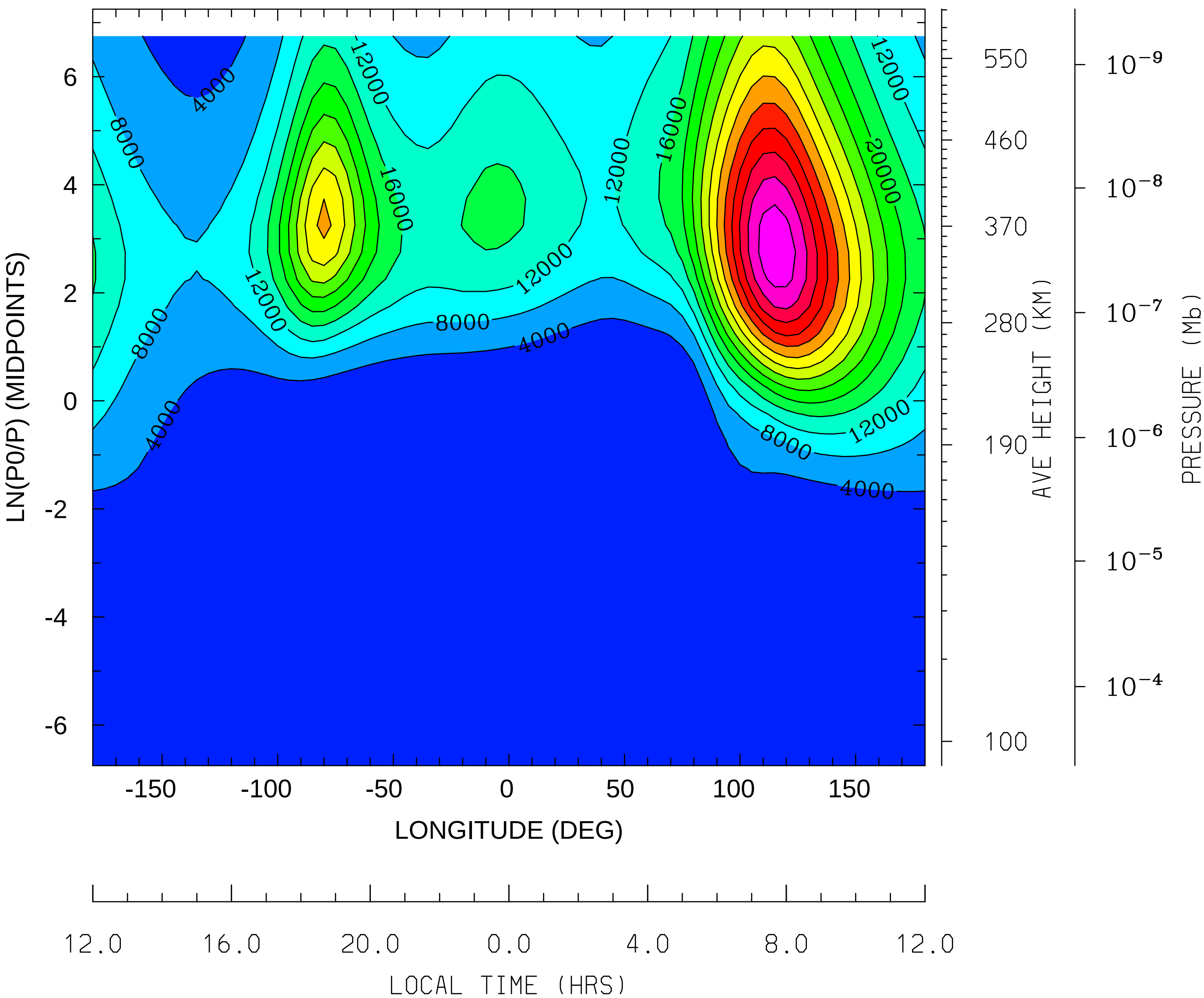
QJI_TI: Joule Heating from TI (ergs/s/g)
UT= 0.00 LAT= 57.50 (DEG)



MIN,MAX= 7.0710E-04 3.7574E+04 INTERVAL= 2.5000E+03
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

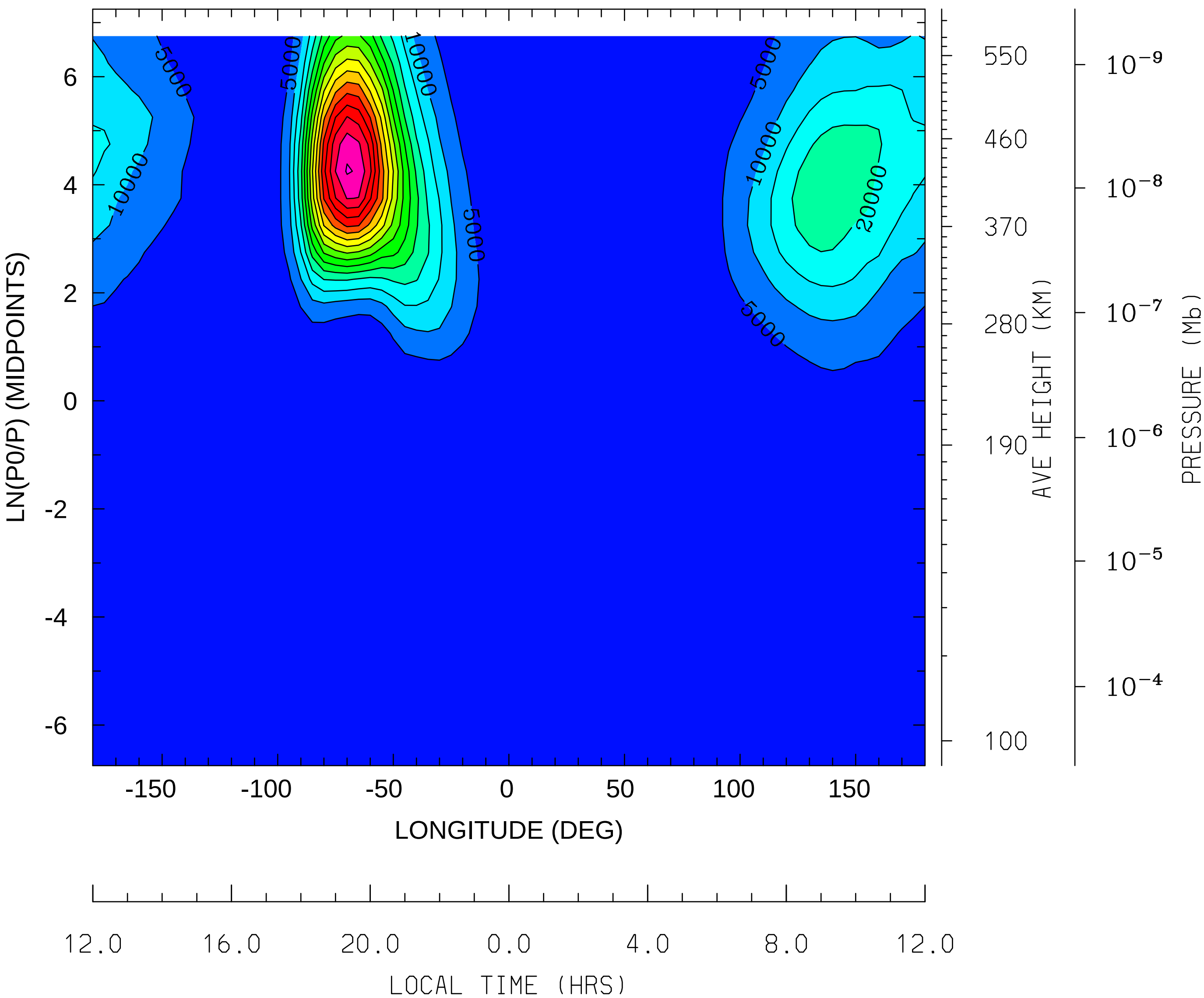

QJI_TN: Joule Heating from TN (ergs/s/g)
UT= 0.00 LAT= -62.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
LOCAL TIME (HRS)
25000
50000
75000
100000
MIN,MAX= 1.0565E-02 4.7759E+05 INTERVAL= 2.5000E+04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

QJI_TN: Joule Heating from TN (ergs/s/g)
UT= 0.00 LAT= -42.50 (DEG)



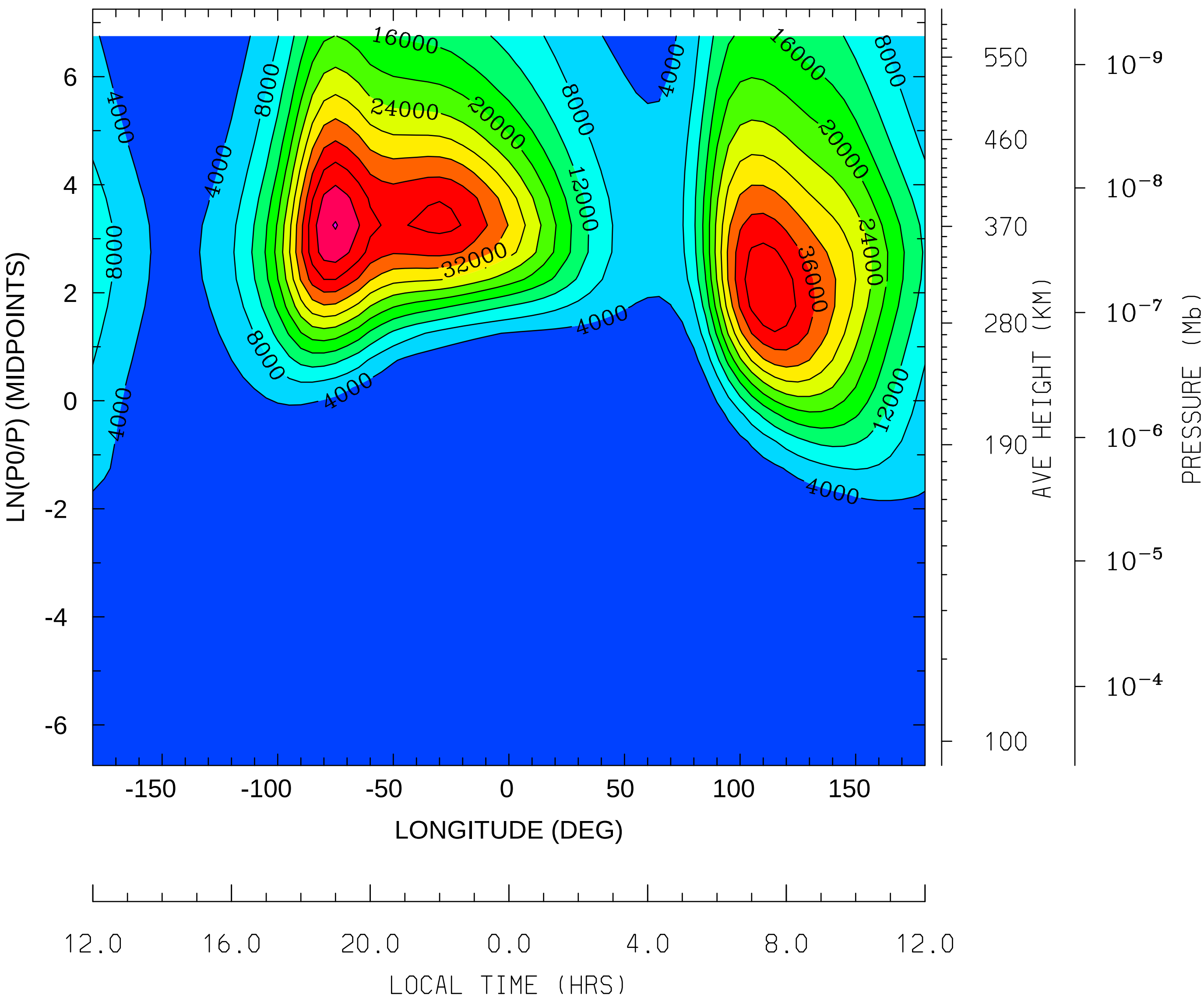
MIN,MAX= 5.8150E-04 5.9295E+04 INTERVAL= 4.0000E+03
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

QJI_TN: Joule Heating from TN (ergs/s/g)
UT= 0.00 LAT= -2.50 (DEG)

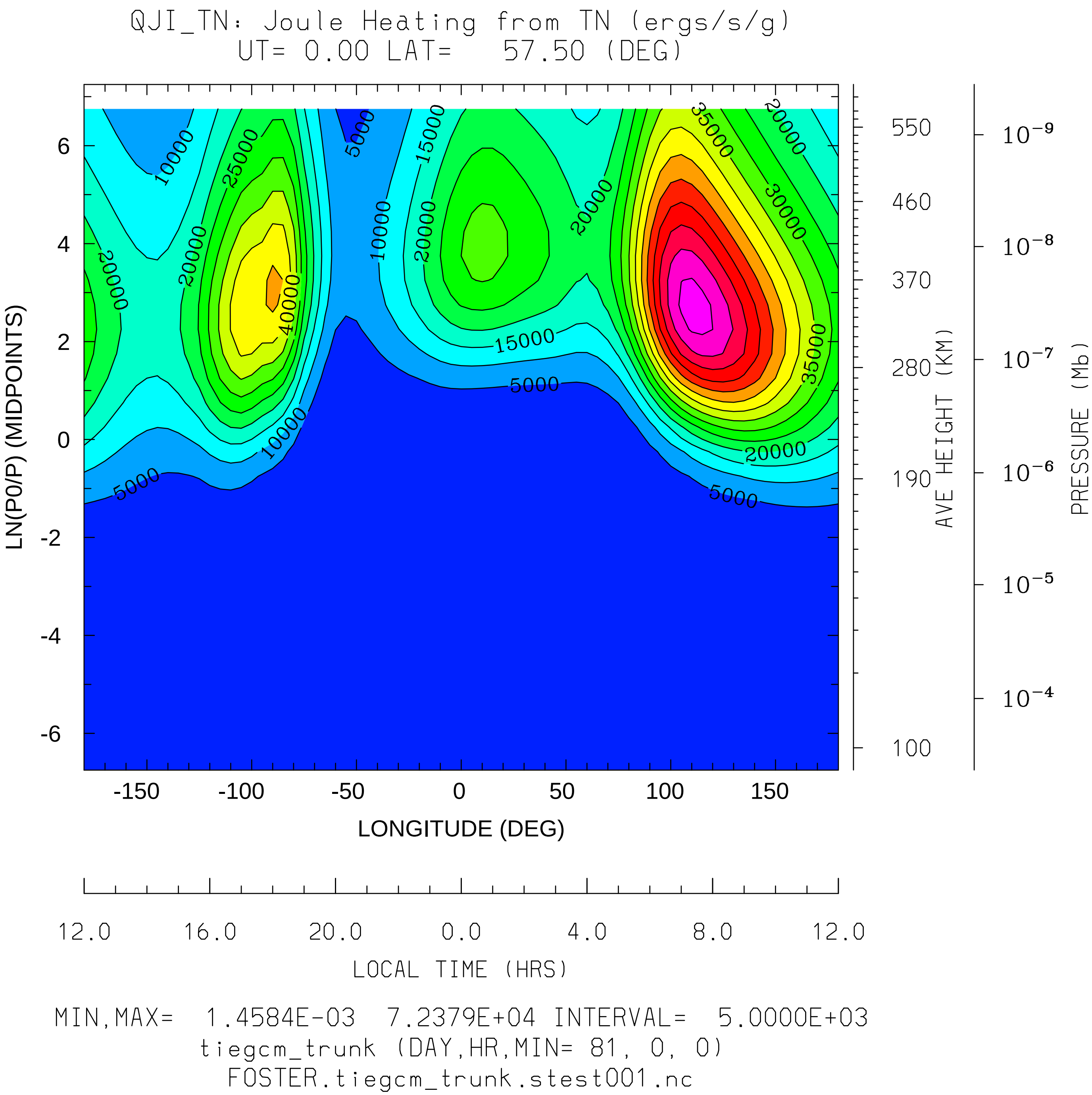


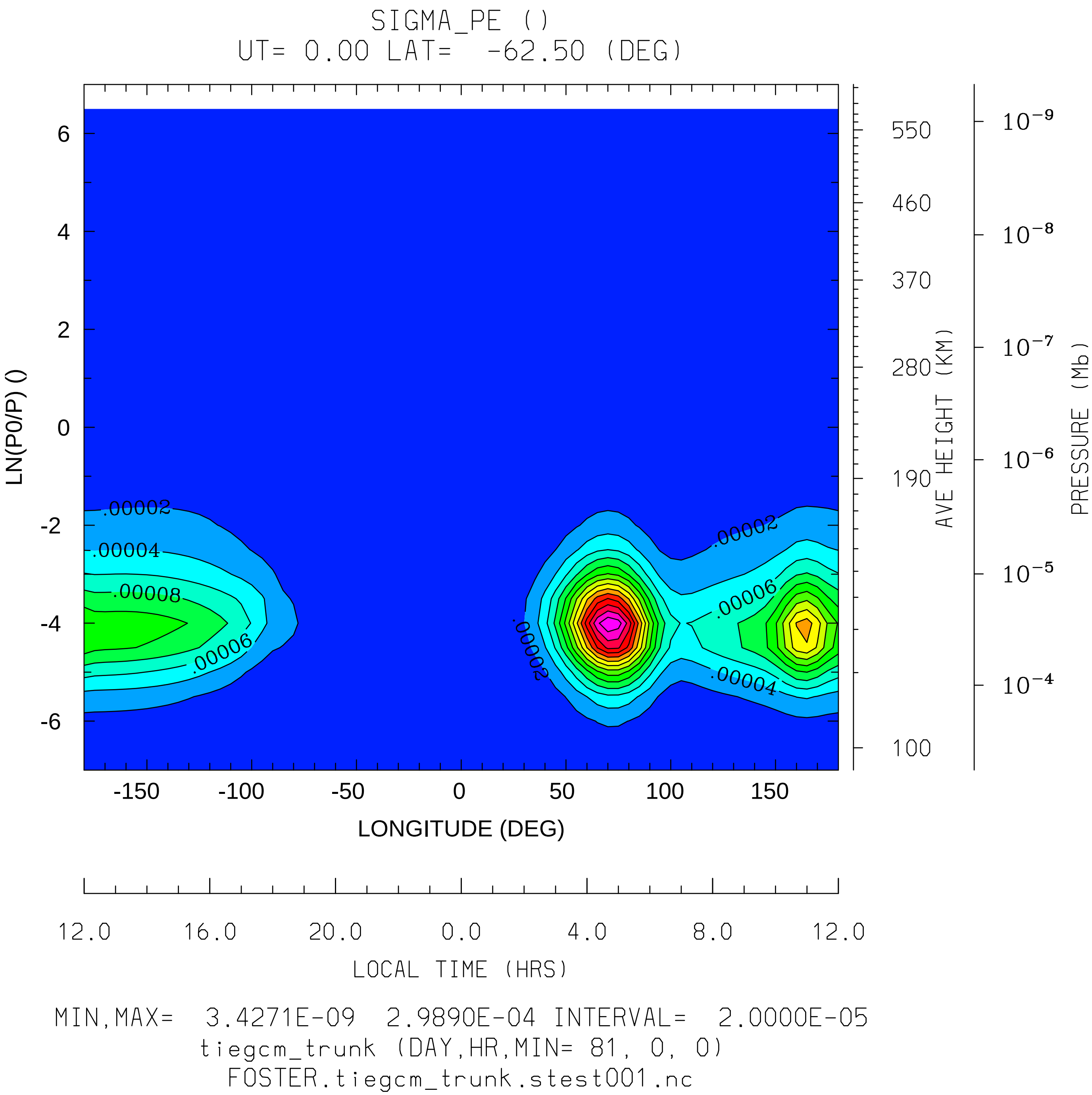
MIN,MAX= 2.5952E-03 8.0611E+04 INTERVAL= 5.0000E+03
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

QJI_TN: Joule Heating from TN (ergs/s/g)
UT= 0.00 LAT= 37.50 (DEG)

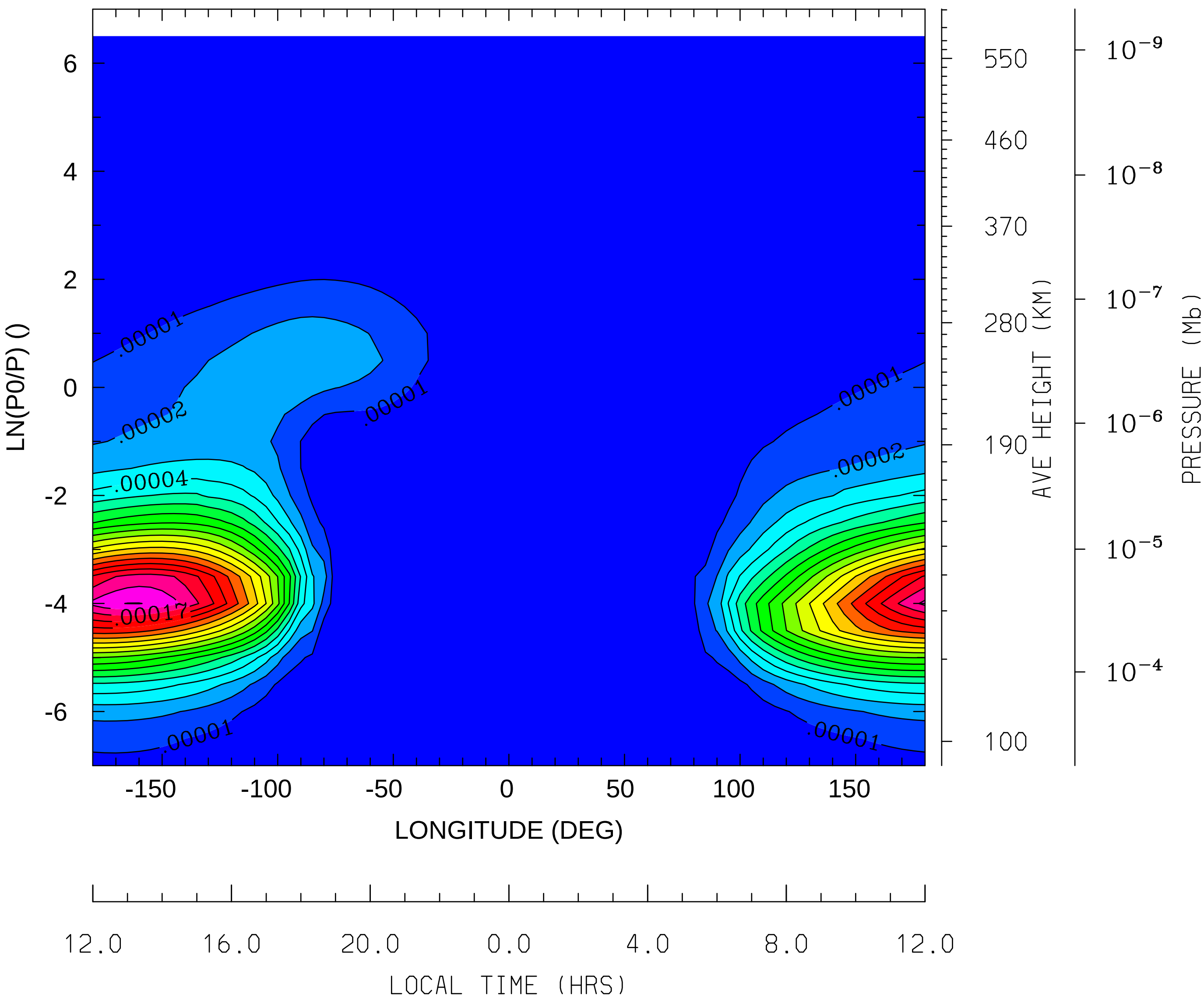


MIN,MAX= 2.6798E-03 4.8288E+04 INTERVAL= 4.0000E+03
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

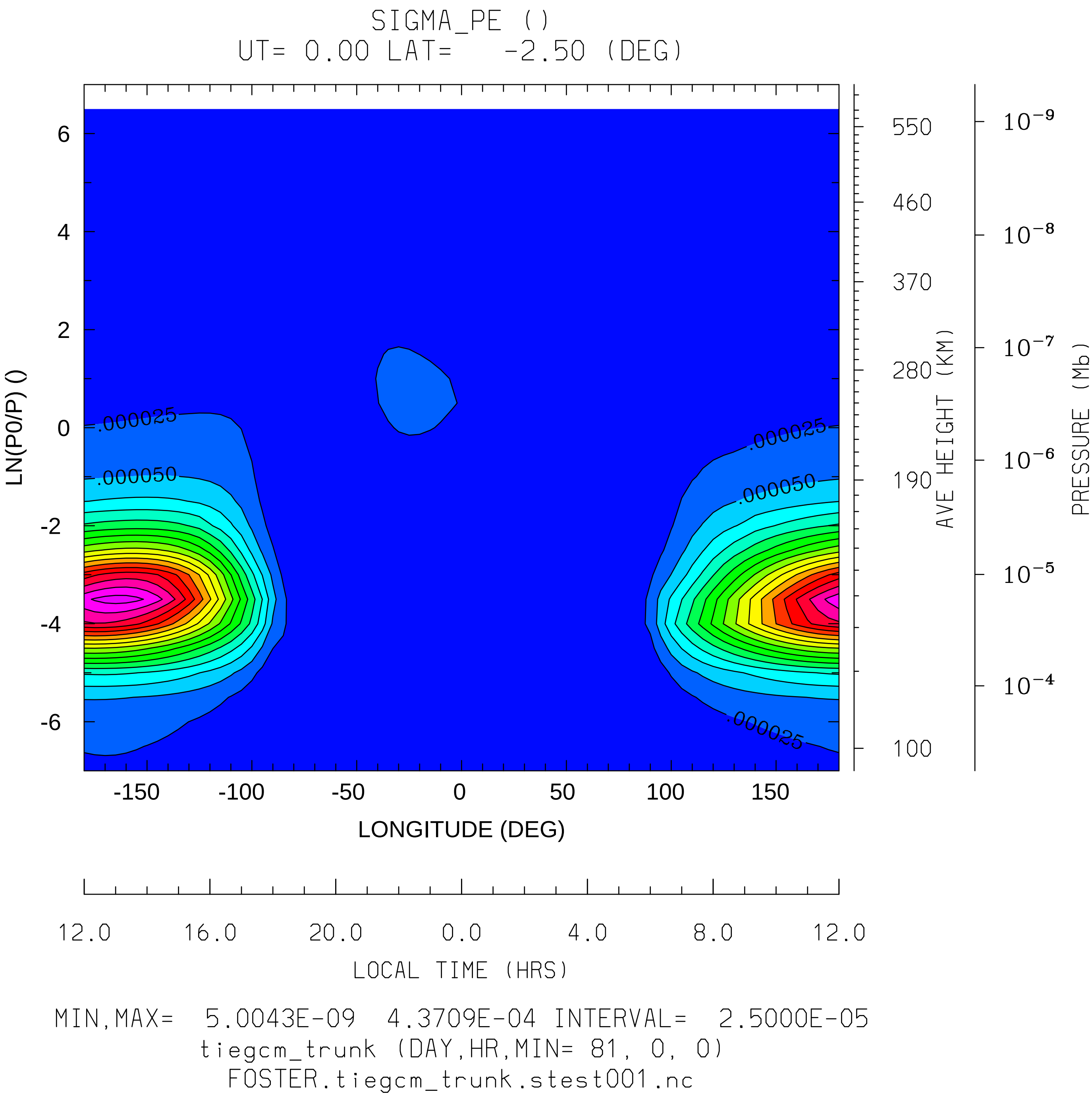

QJI_TN: Joule Heating from TN (ergs/s/g)
UT= 0.00 LAT= 57.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
LOCAL TIME (HRS)
MIN,MAX= 1.4584E-03 7.2379E+04 INTERVAL= 5.0000E+03
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

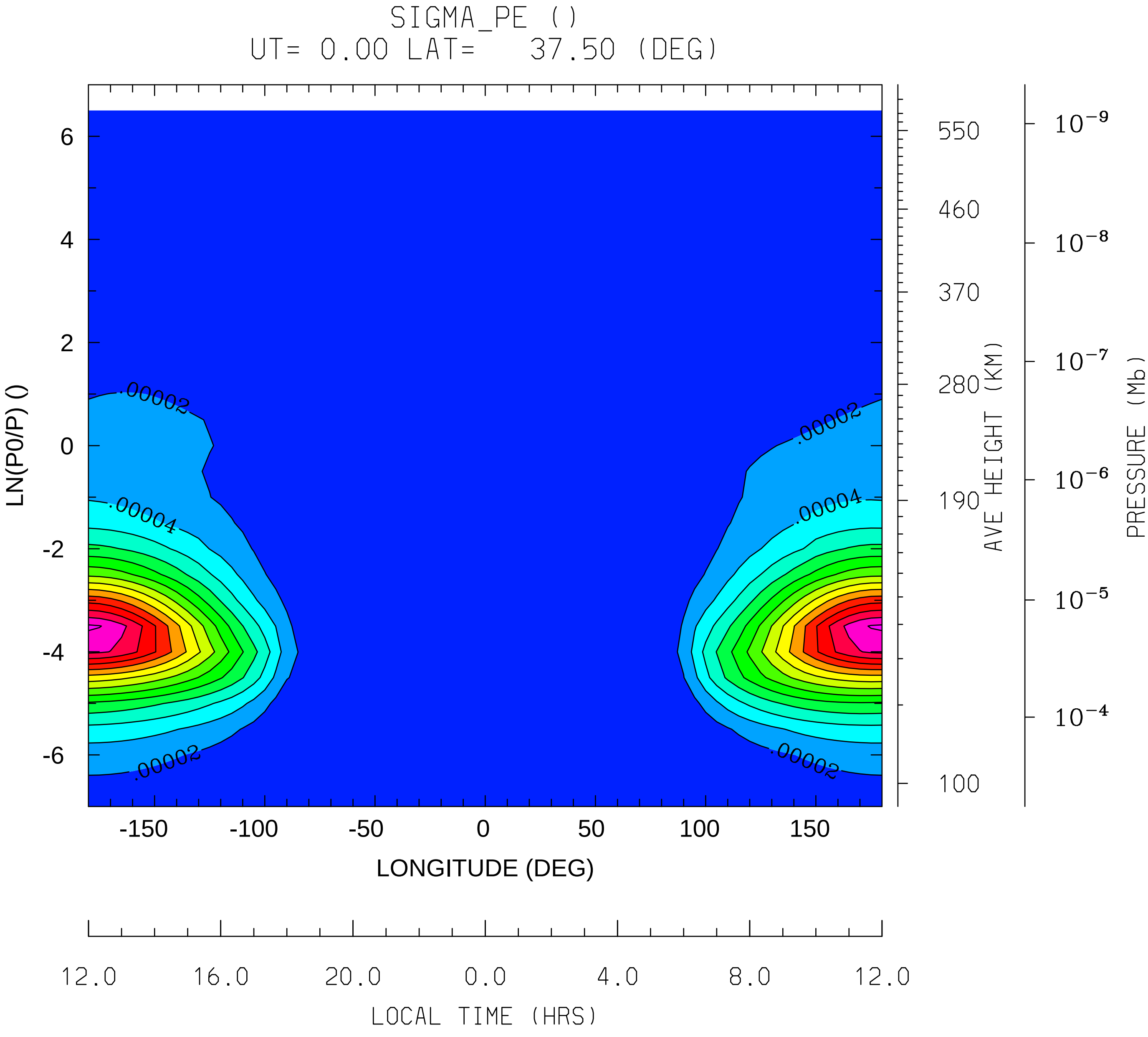

SIGMA_PE ()
UT= 0.00 LAT= -62.50 (DEG)
LN(P0/P) ()
AVE HEIGHT (KM)
PRESSURE (Mb)
LONGITUDE (DEG)
LOCAL TIME (HRS)
.00002
.00004
.00008
.00006
.00002
.00006
.00004
.00002
MIN,MAX= 3.4271E-09 2.9890E-04 INTERVAL= 2.0000E-05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

SIGMA_PE ()
UT= 0.00 LAT= -42.50 (DEG)

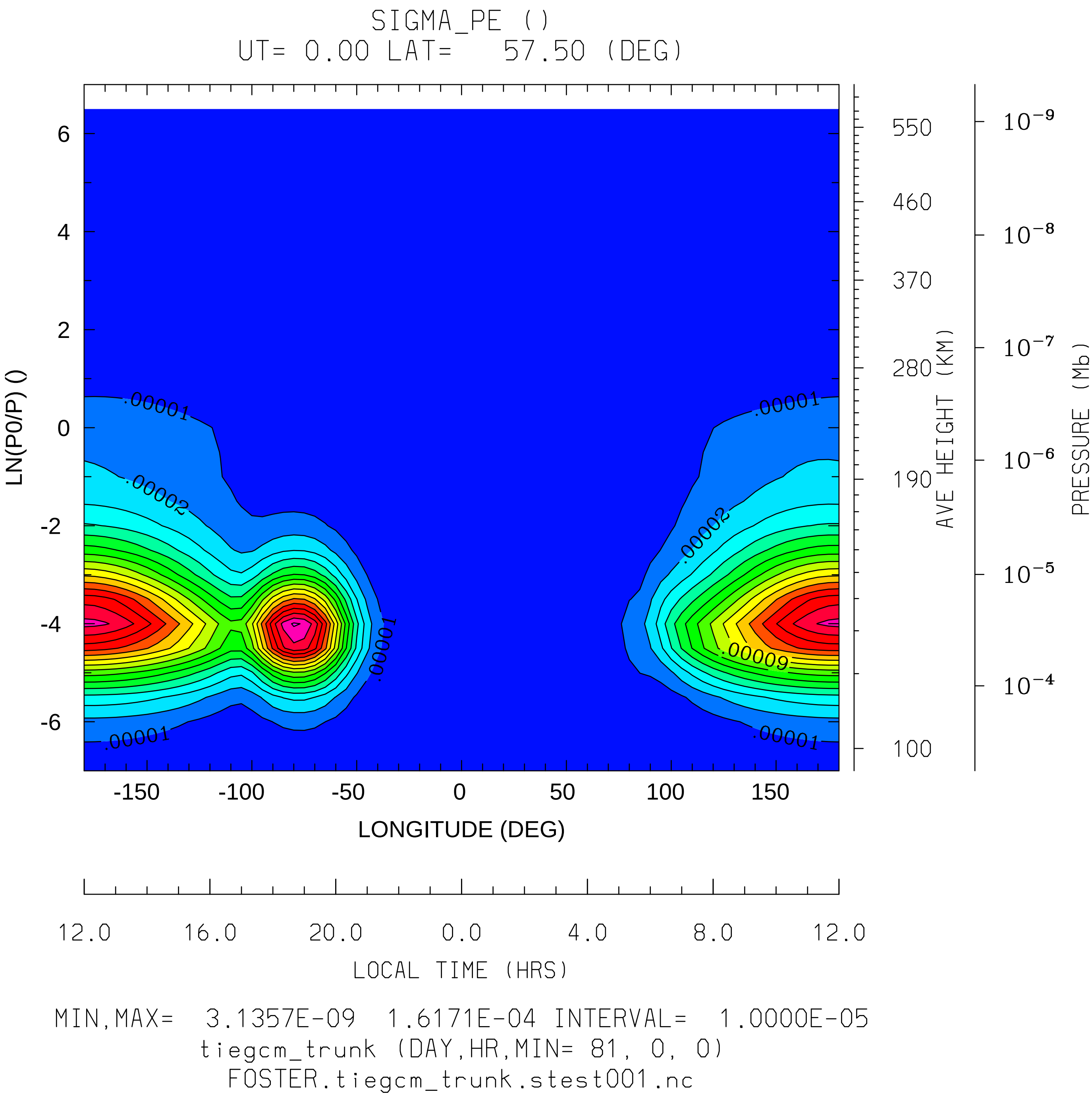


MIN,MAX= 3.5880E-09 1.9034E-04 INTERVAL= 1.0000E-05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

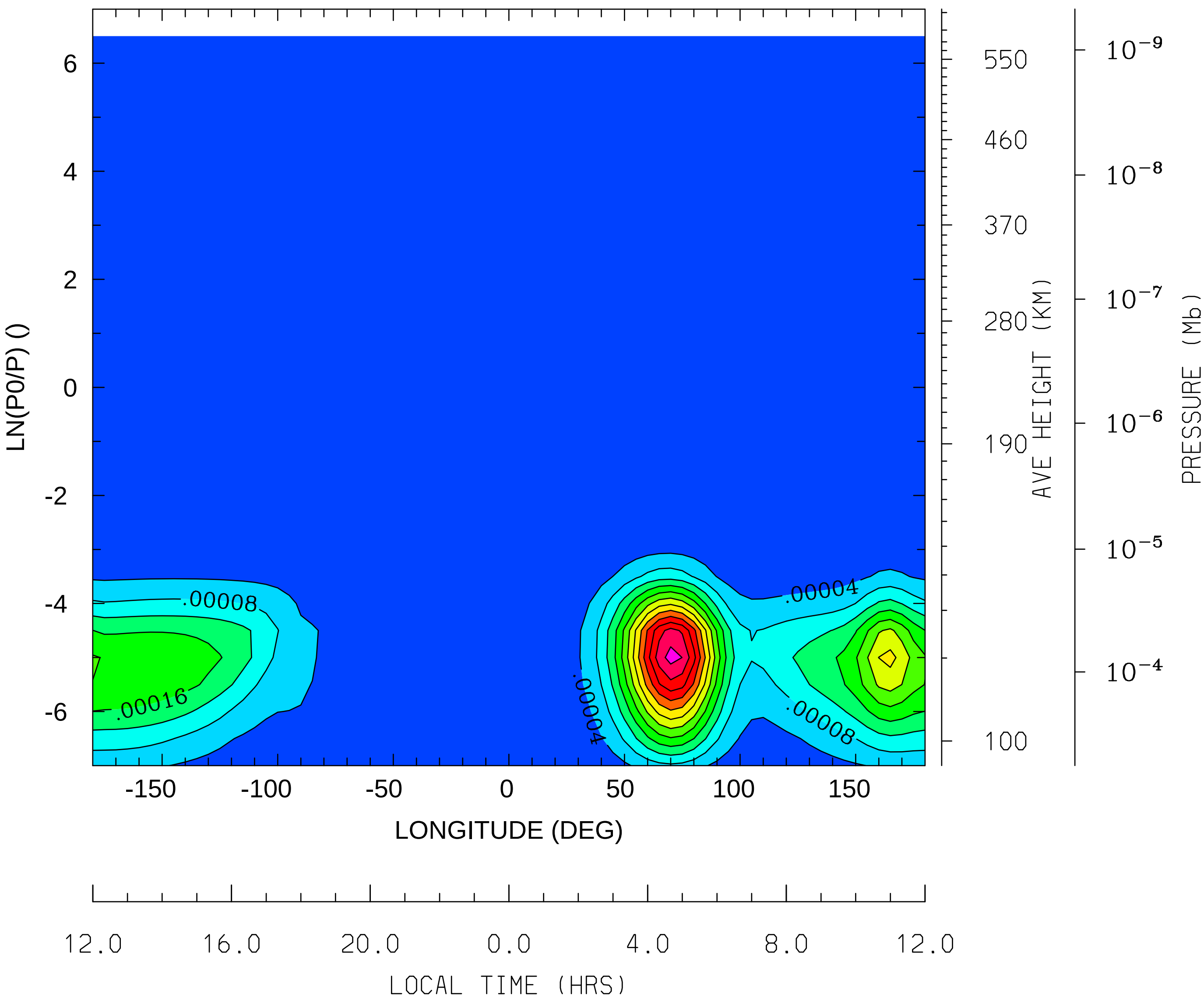

SIGMA_PE ()
UT= 0.00 LAT= -2.50 (DEG)
LN(P0/P) ()
6
4
2
0
-2
-4
-6
.000025
.000050
.000025
.000050
.000025
550
460
370
280
190
100
AVE HEIGHT (KM)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
PRESSURE (Mb)
-150
-100
-50
0
50
100
150
LONGITUDE (DEG)
12.0
16.0
20.0
0.0
4.0
8.0
12.0
LOCAL TIME (HRS)
MIN,MAX= 5.0043E-09 4.3709E-04 INTERVAL= 2.5000E-05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc



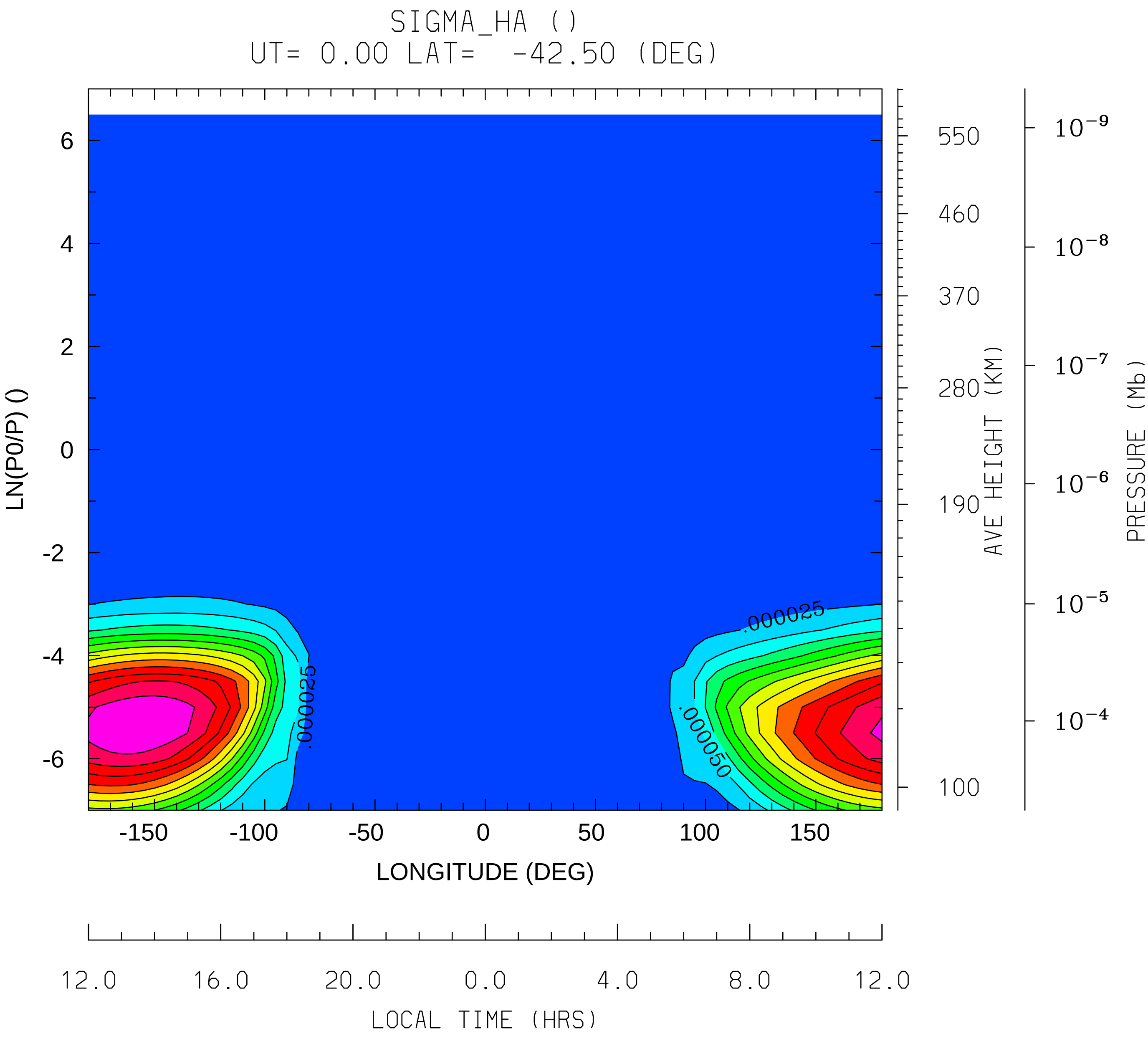
MIN,MAX= 3.4842E-09 2.8331E-04 INTERVAL= 2.0000E-05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc


SIGMA_PE ()
UT= 0.00 LAT= 57.50 (DEG)
LN(P0/P) ()
AVE HEIGHT (KM)
PRESSURE (Mb)
LONGITUDE (DEG)
LOCAL TIME (HRS)
MIN,MAX= 3.1357E-09 1.6171E-04 INTERVAL= 1.0000E-05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

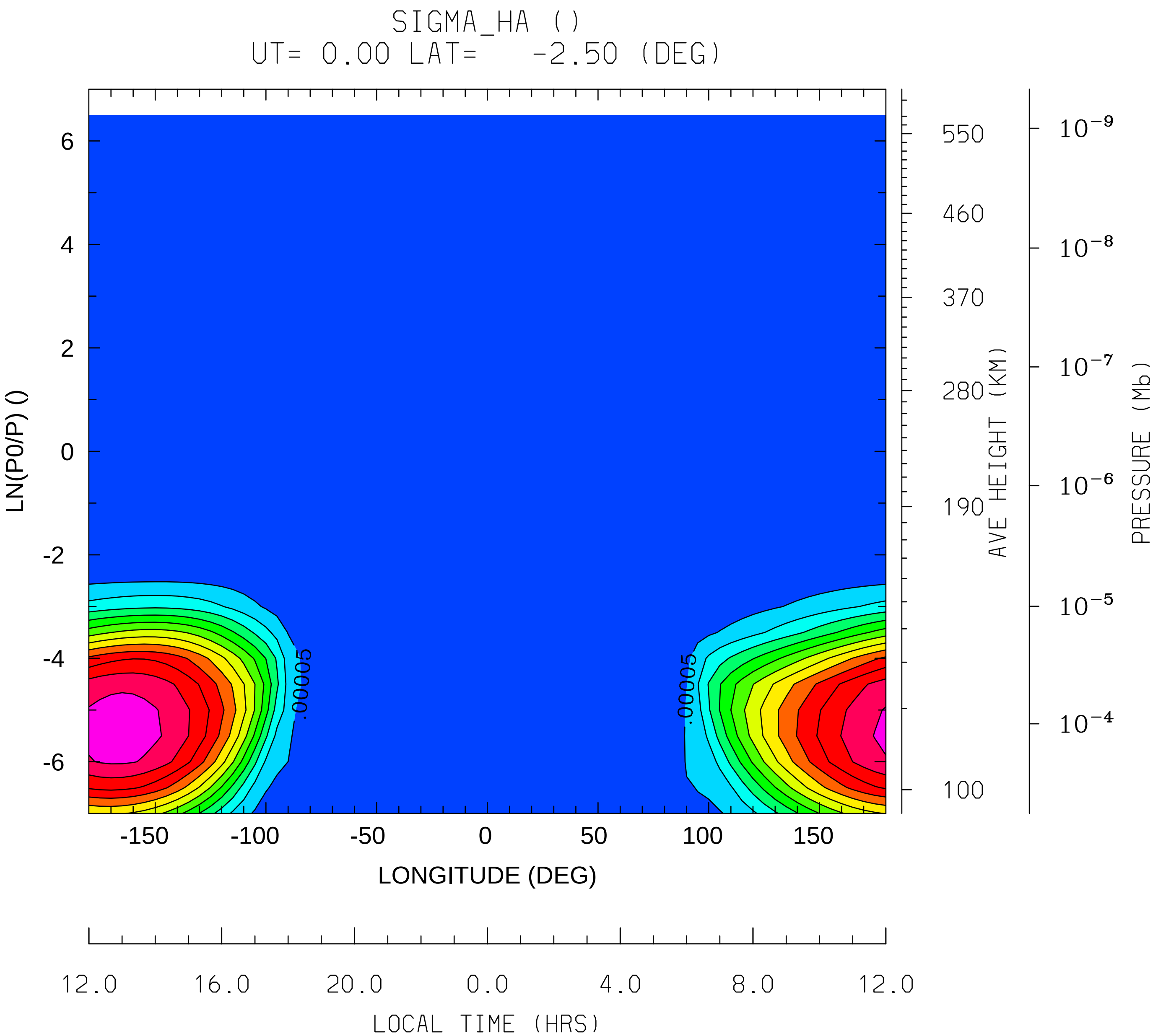
SIGMA_HA ()
UT= 0.00 LAT= -62.50 (DEG)



MIN,MAX= 4.8248E-14 4.9670E-04 INTERVAL= 4.0000E-05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc



MIN,MAX= 5.4697E-14 3.2425E-04 INTERVAL= 2.5000E-05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

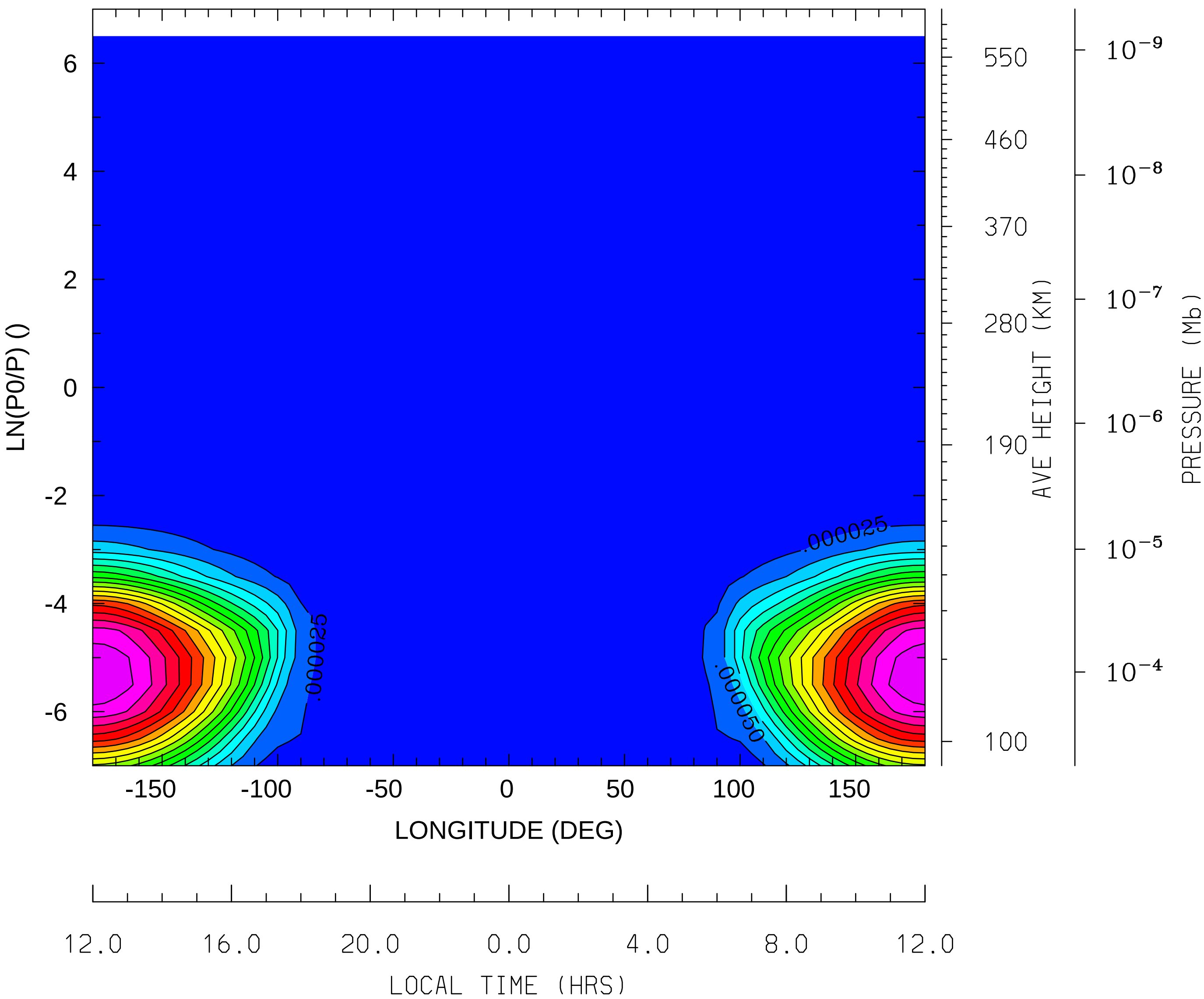


MIN,MAX= 1.2811E-13 6.2603E-04 INTERVAL= 5.0000E-05

tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)

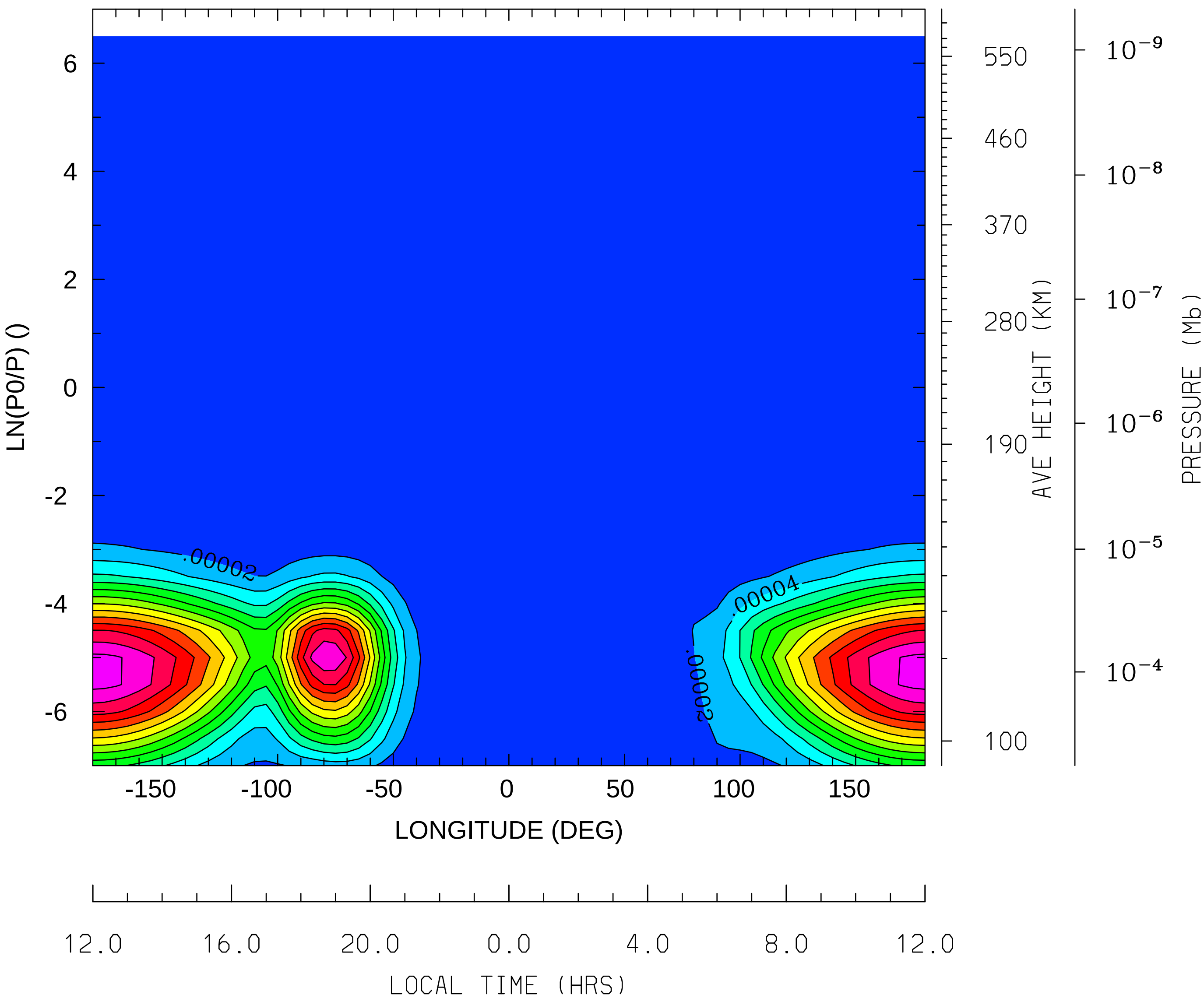
FOSTER.tiegcm_trunk.stest001.nc

SIGMA_HA ()
UT= 0.00 LAT= 37.50 (DEG)



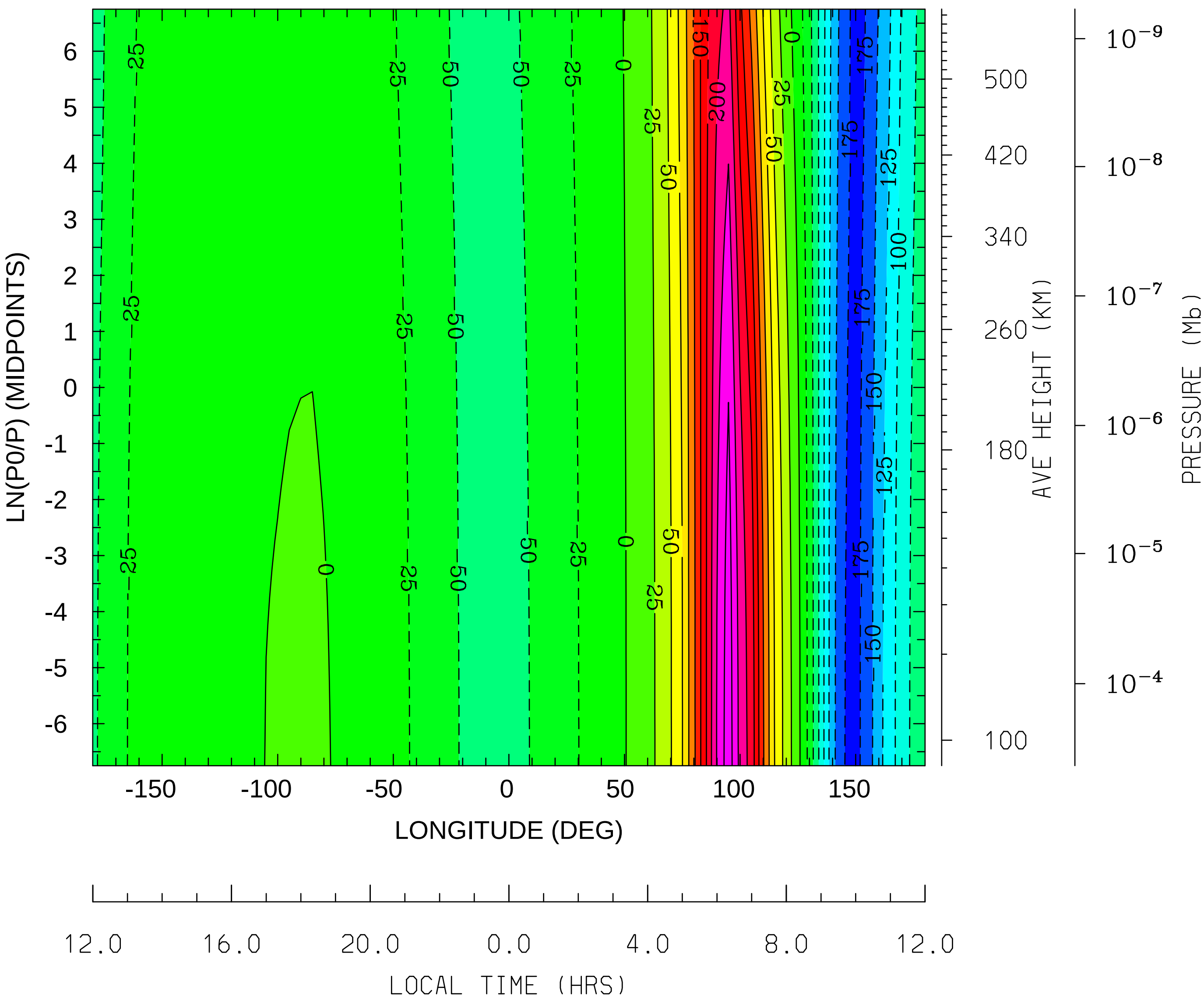
MIN,MAX= 7.0382E-14 4.4831E-04 INTERVAL= 2.5000E-05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

SIGMA_HA ()
UT= 0.00 LAT= 57.50 (DEG)



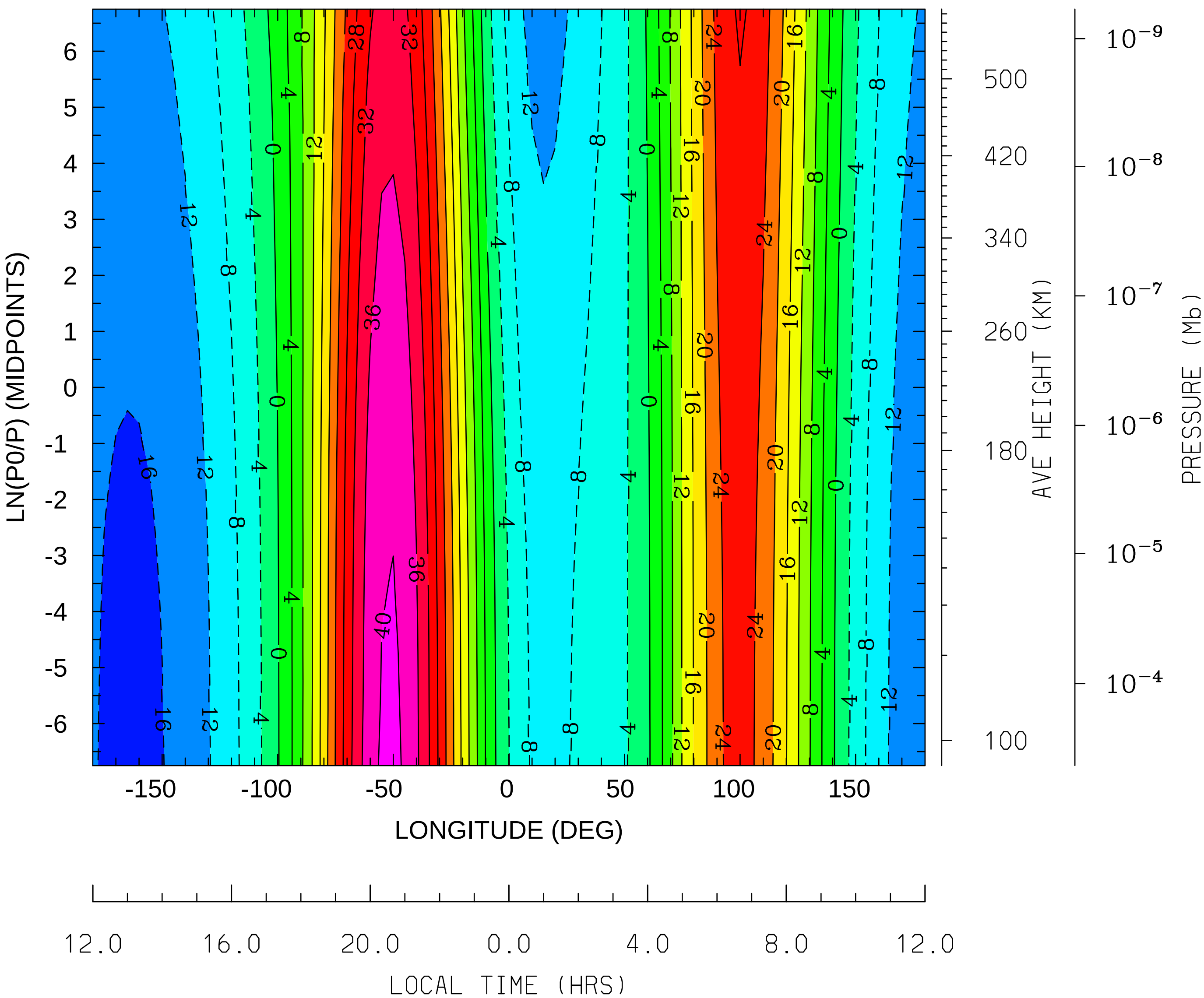
MIN,MAX= 5.6930E-14 2.6682E-04 INTERVAL= 2.0000E-05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

UI_ExB: Zonal Ion Drift (ExB) (m/s)
UT= 0.00 LAT= -62.50 (DEG)



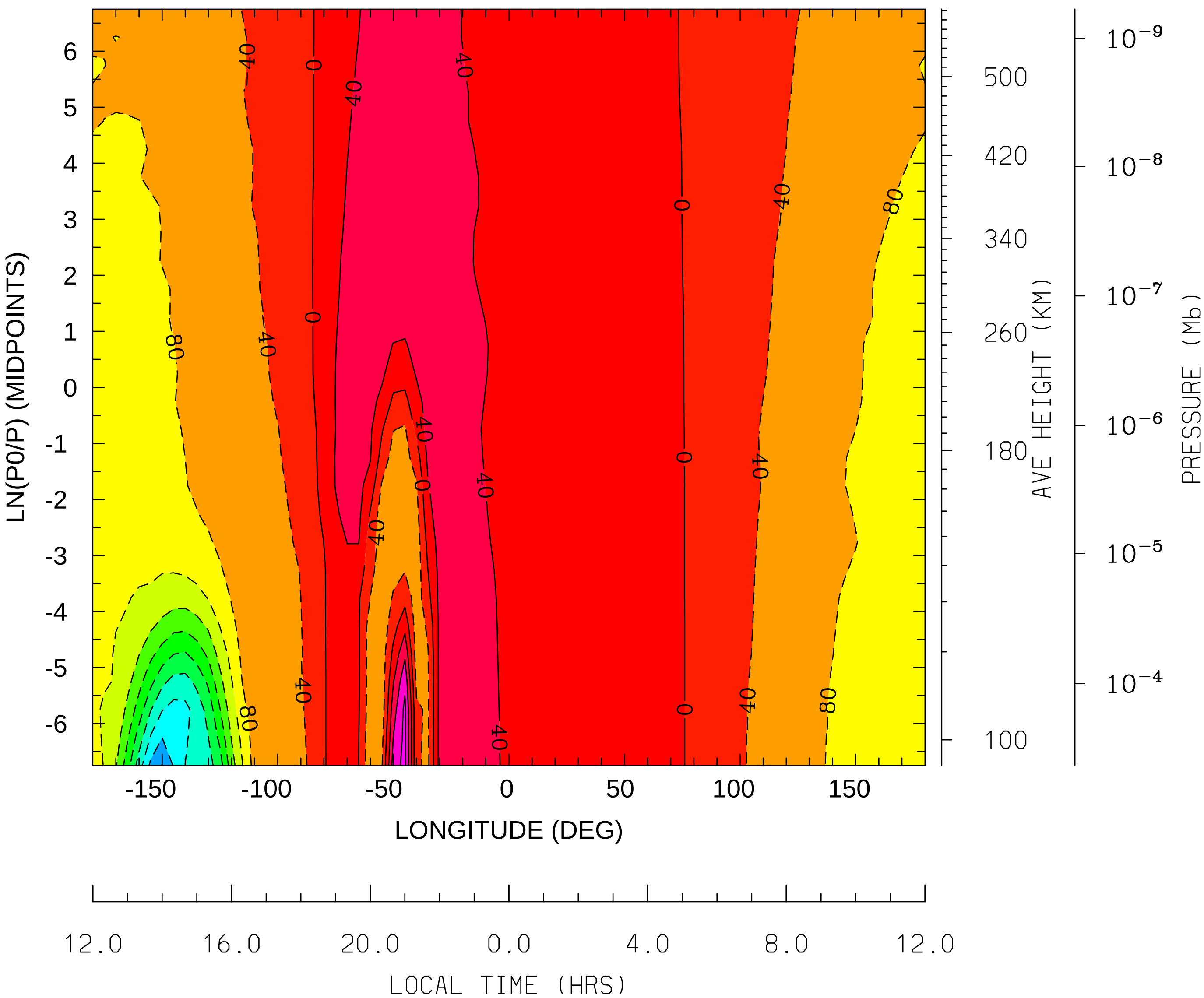
MIN,MAX= -1.8348E+02 2.6467E+02 INTERVAL= 2.5000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

UI_ExB: Zonal Ion Drift (ExB) (m/s)
UT= 0.00 LAT= -42.50 (DEG)



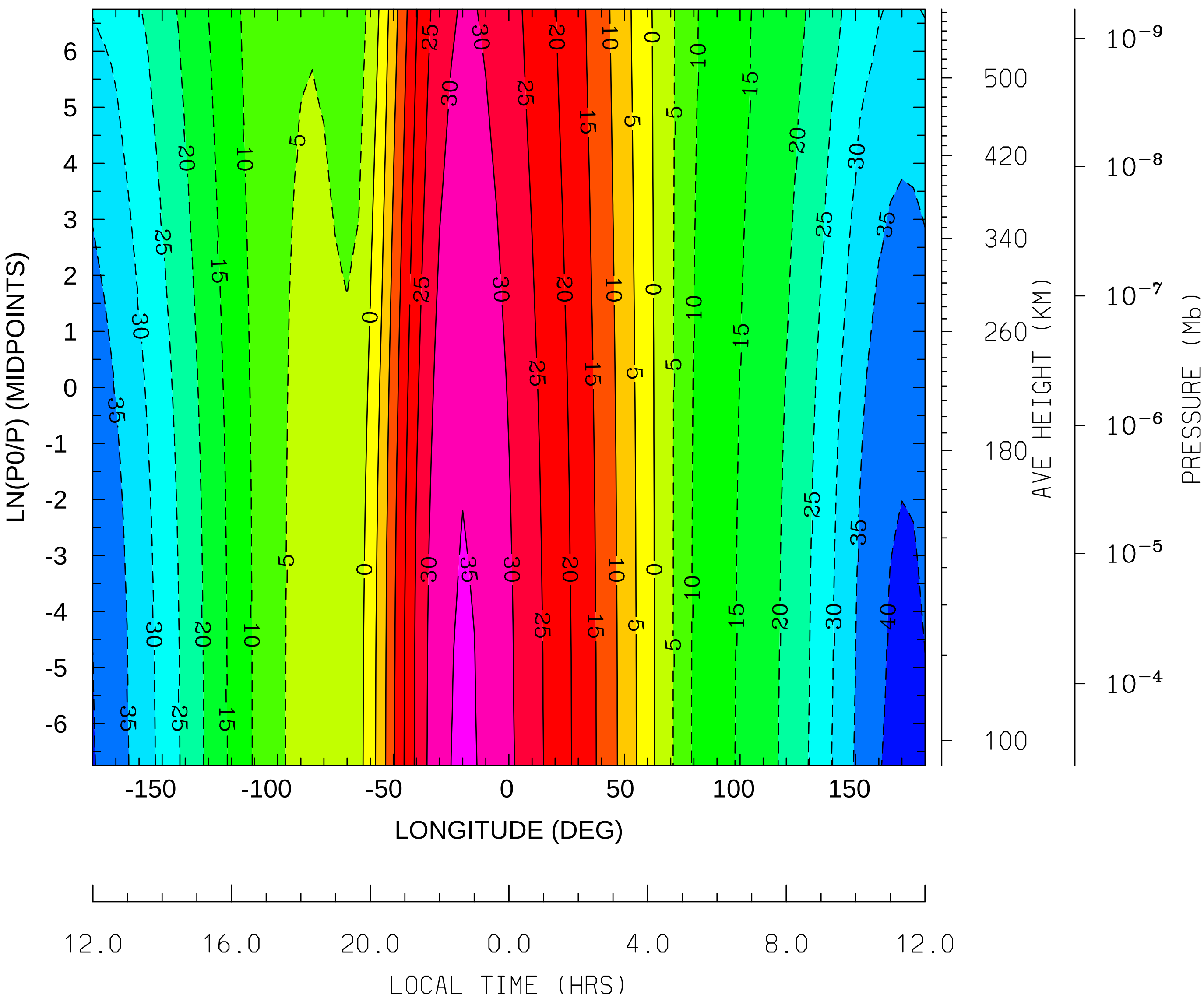
MIN,MAX= -1.6898E+01 4.0843E+01 INTERVAL= 4.0000E+00
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

UI_ExB: Zonal Ion Drift (ExB) (m/s)
UT= 0.00 LAT= -2.50 (DEG)

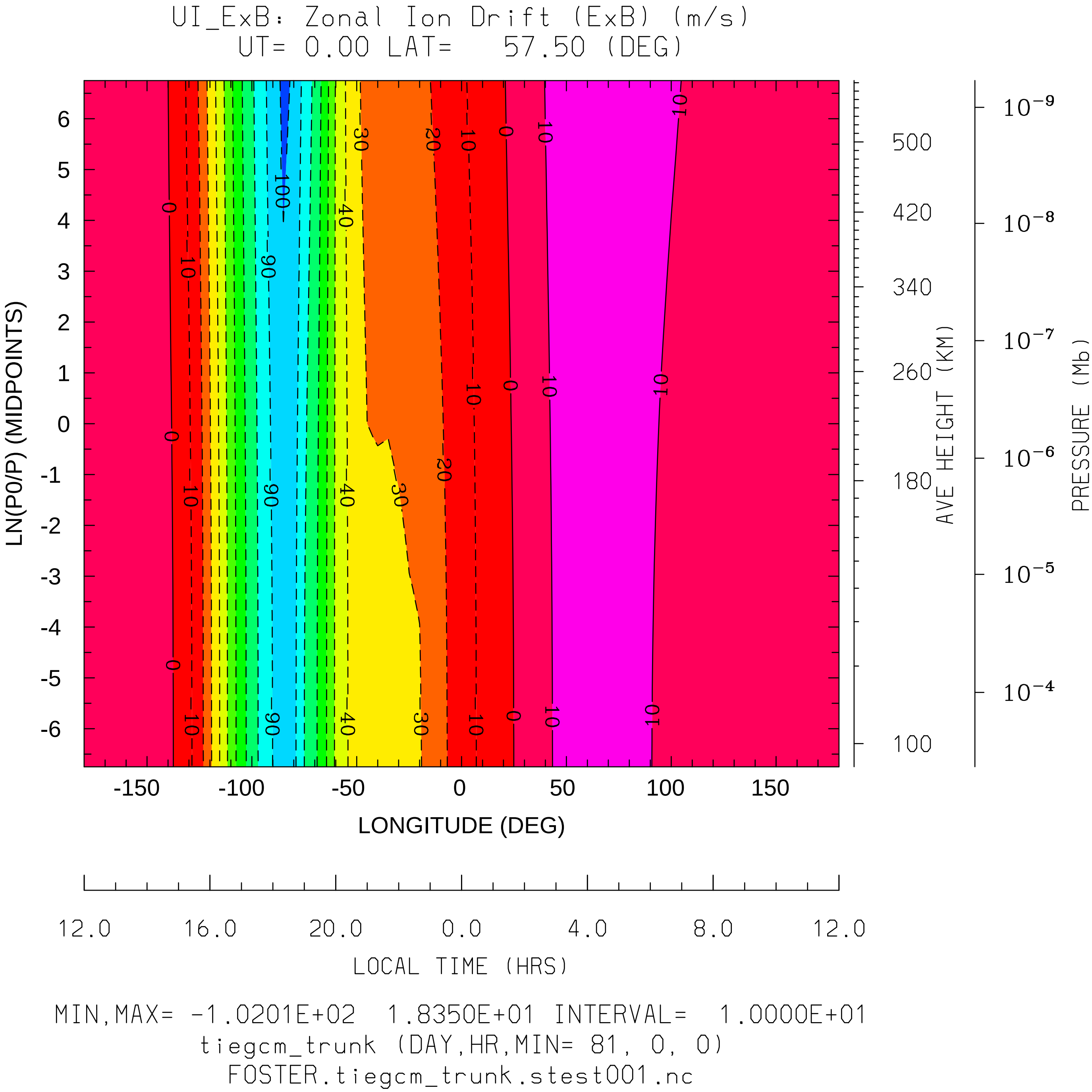


MIN,MAX= -4.0163E+02 1.3300E+02 INTERVAL= 4.0000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

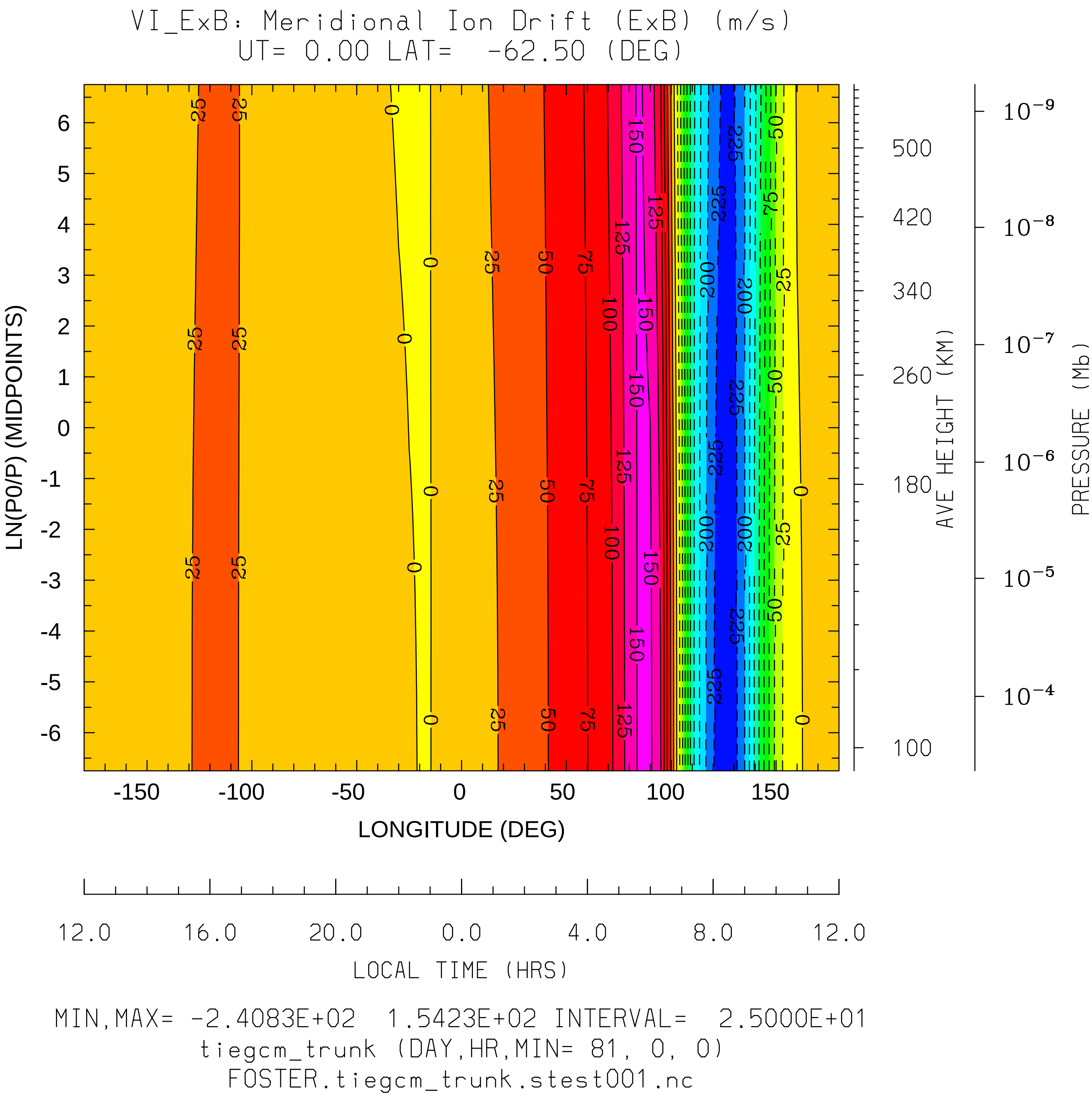
UI_ExB: Zonal Ion Drift (ExB) (m/s)
UT= 0.00 LAT= 37.50 (DEG)



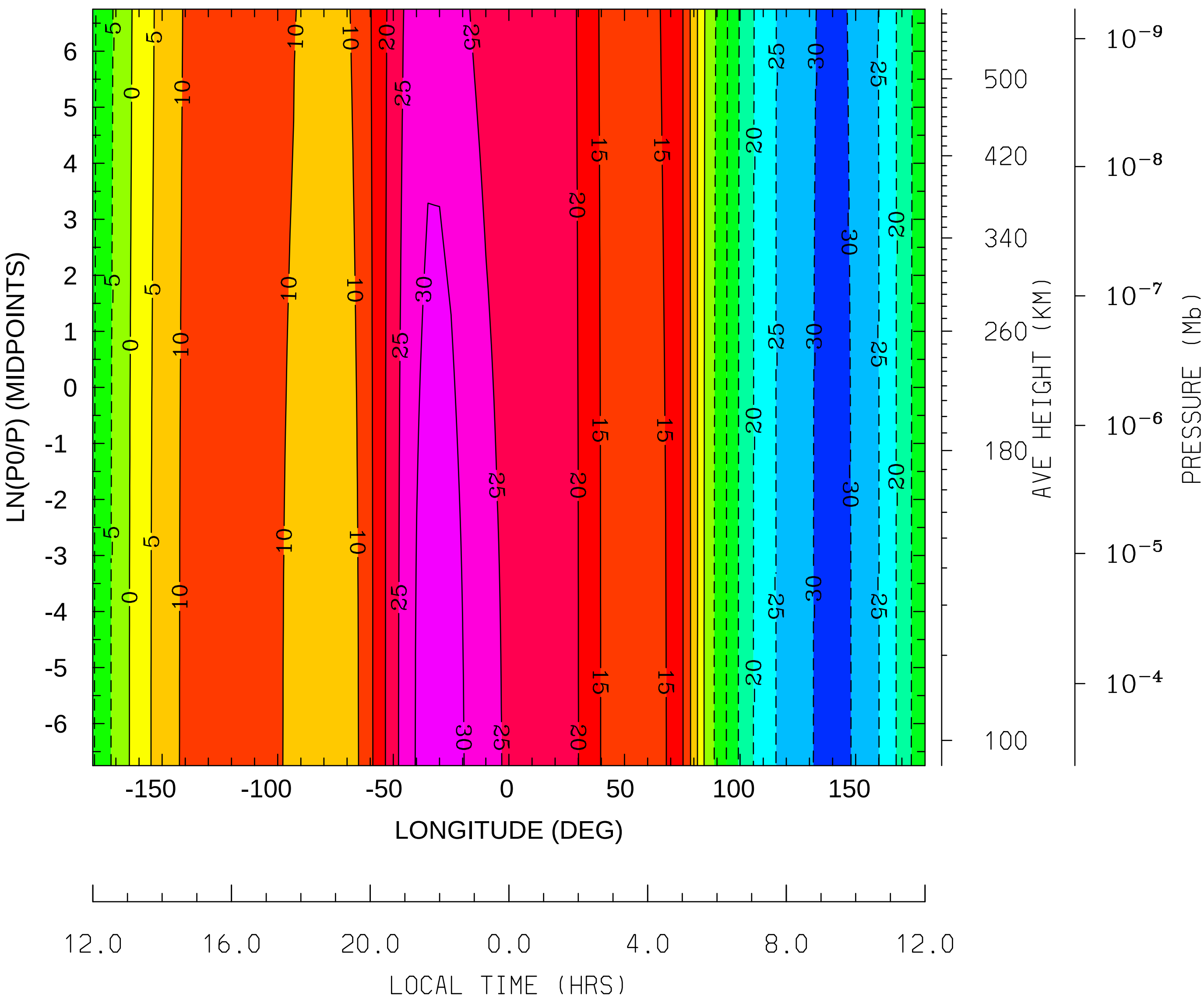
MIN,MAX= -4.1434E+01 3.5790E+01 INTERVAL= 5.0000E+00
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc



UI_ExB: Zonal Ion Drift (ExB) (m/s)
UT= 0.00 LAT= 57.50 (DEG)
LN(P0/P) (MIDPOINTS)
AVE HEIGHT (KM)
PRESSURE (Mb)
LONGITUDE (DEG)
LOCAL TIME (HRS)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
MIN,MAX= -1.0201E+02 1.8350E+01 INTERVAL= 1.0000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

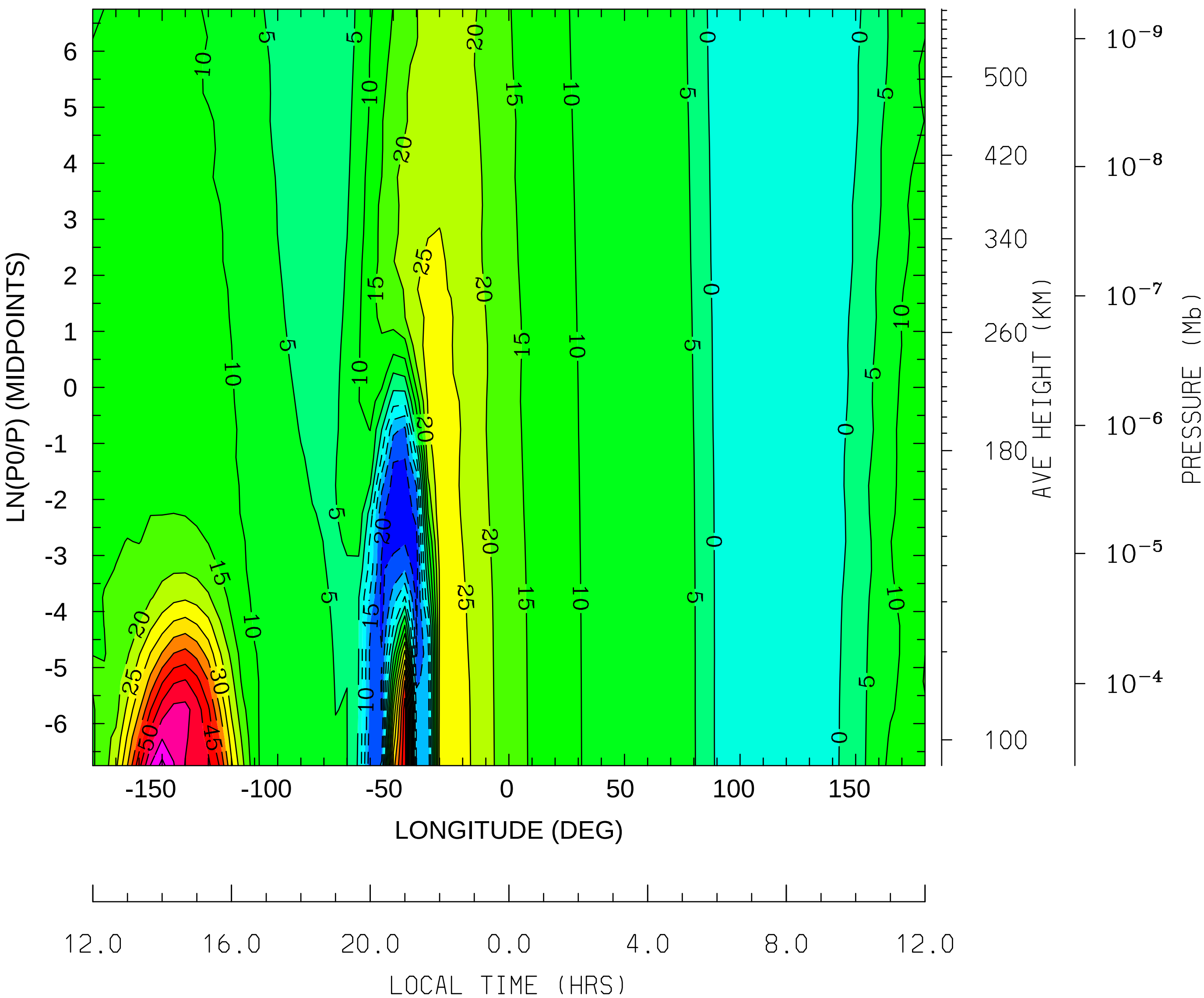

VI_ExB: Meridional Ion Drift (ExB) (m/s)
UT= 0.00 LAT= -62.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
LOCAL TIME (HRS)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
MIN,MAX= -2.4083E+02 1.5423E+02 INTERVAL= 2.5000E+01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

VI_ExB: Meridional Ion Drift (ExB) (m/s)
UT= 0.00 LAT= -42.50 (DEG)



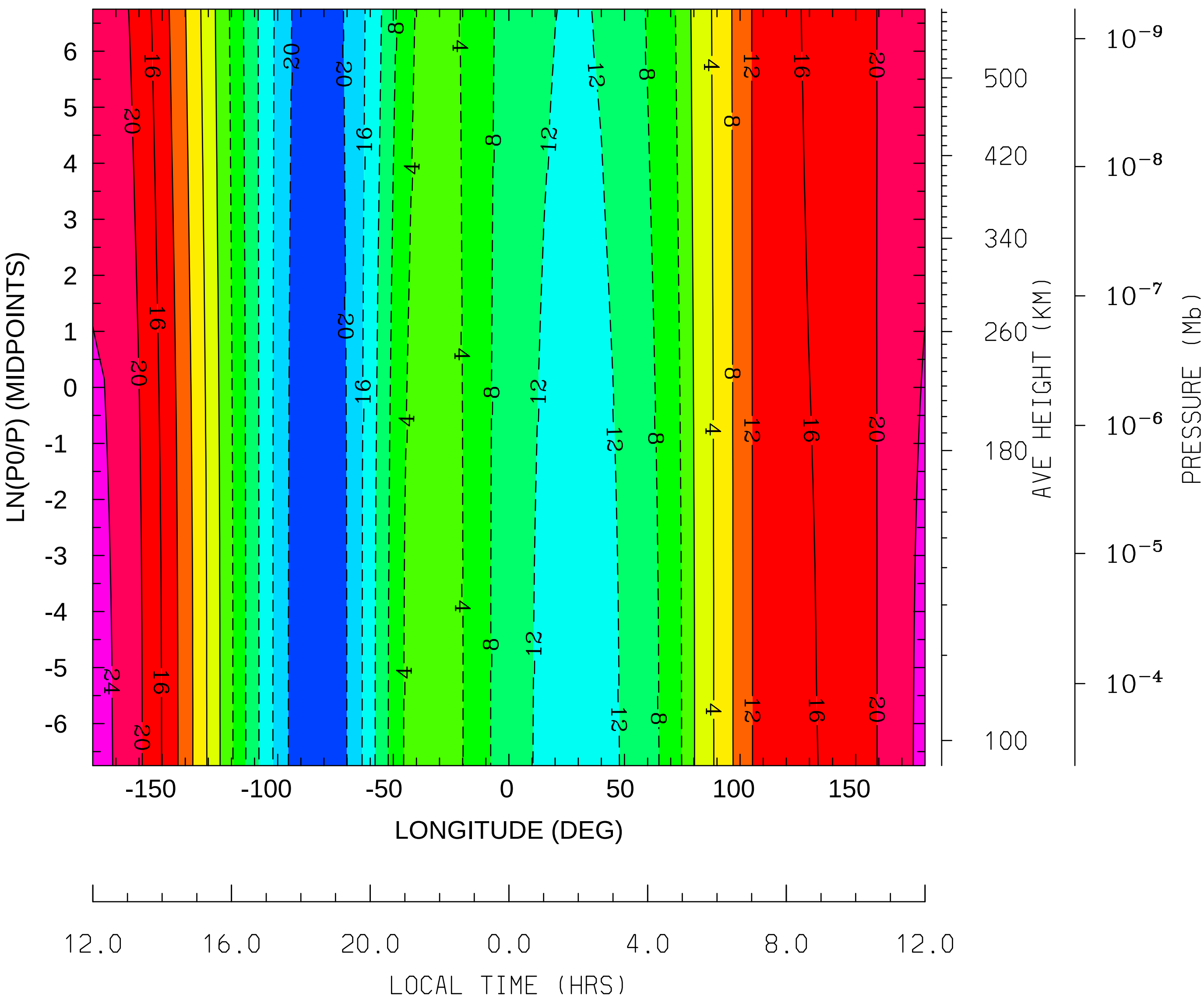
MIN,MAX= -3.0911E+01 3.2519E+01 INTERVAL= 5.0000E+00
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

VI_ExB: Meridional Ion Drift (ExB) (m/s)
UT= 0.00 LAT= -2.50 (DEG)



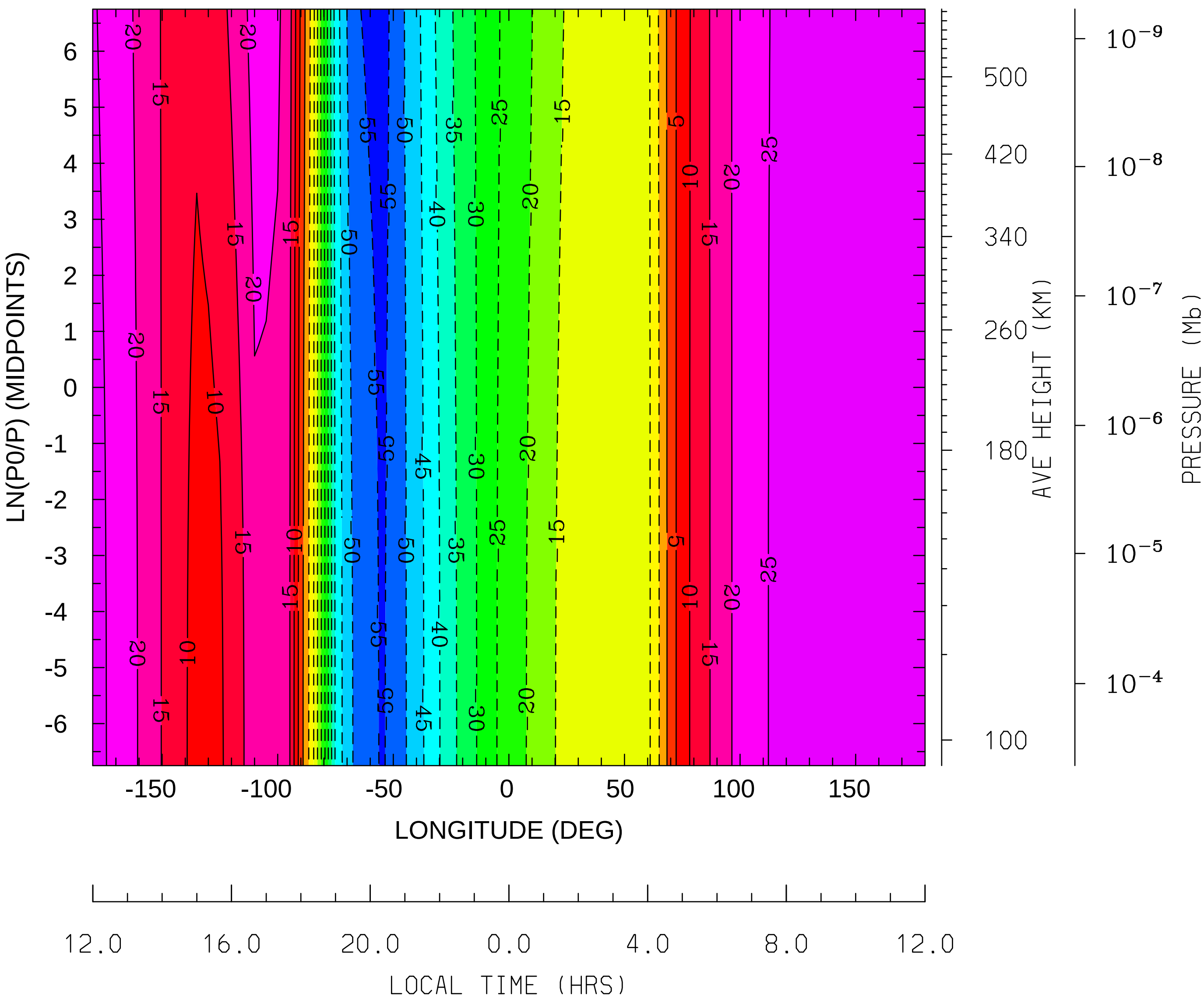
MIN,MAX= -2.3081E+01 6.6647E+01 INTERVAL= 5.0000E+00
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

VI_ExB: Meridional Ion Drift (ExB) (m/s)
UT= 0.00 LAT= 37.50 (DEG)



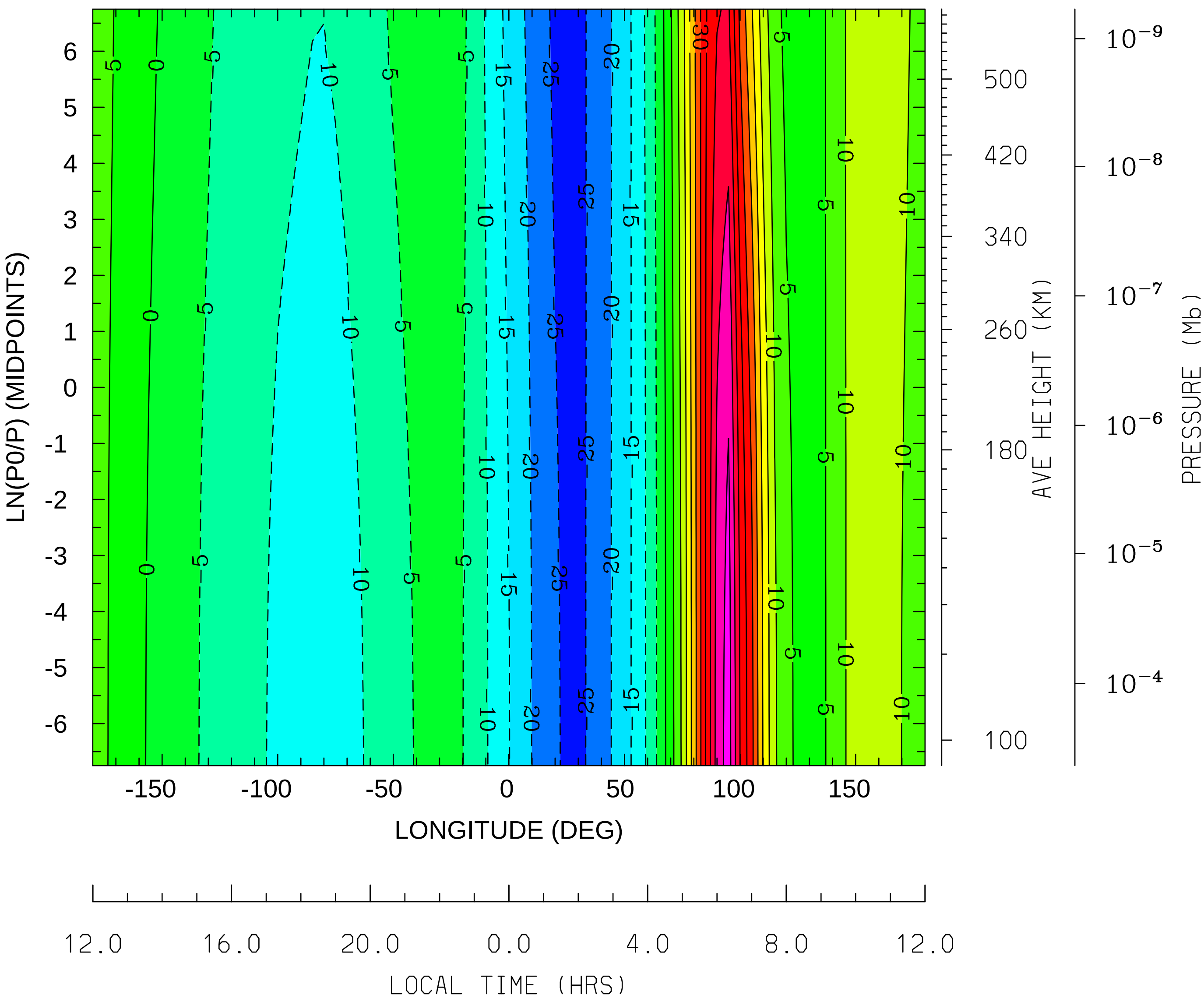
MIN,MAX= -2.3949E+01 2.4569E+01 INTERVAL= 4.0000E+00
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

VI_ExB: Meridional Ion Drift (ExB) (m/s)
UT= 0.00 LAT= 57.50 (DEG)



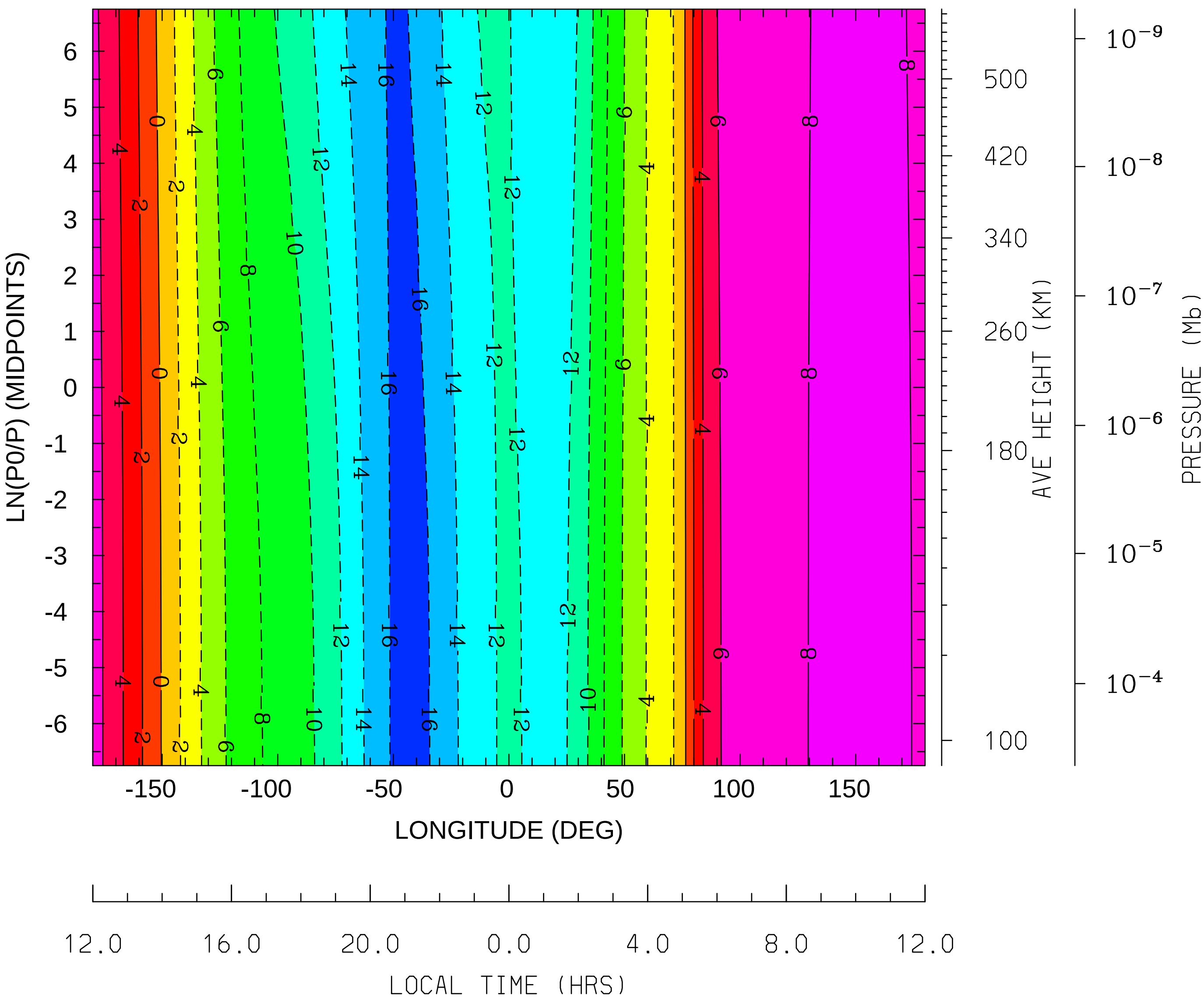
MIN,MAX= -5.6323E+01 2.9285E+01 INTERVAL= 5.0000E+00
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

WI_ExB: Vertical Ion Drift (ExB) (m/s)
UT= 0.00 LAT= -62.50 (DEG)

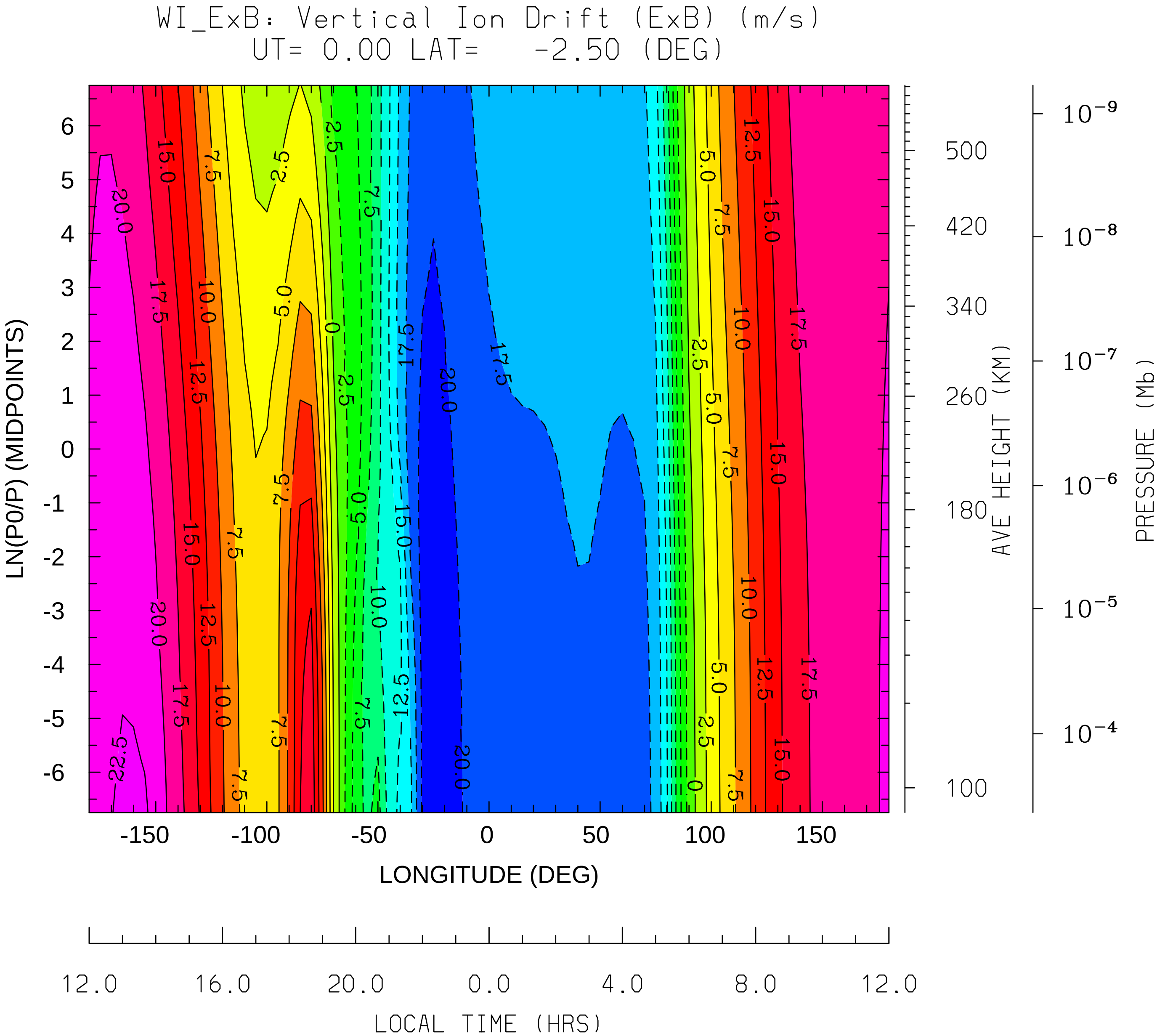


MIN,MAX= -2.6527E+01 5.2395E+01 INTERVAL= 5.0000E+00
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

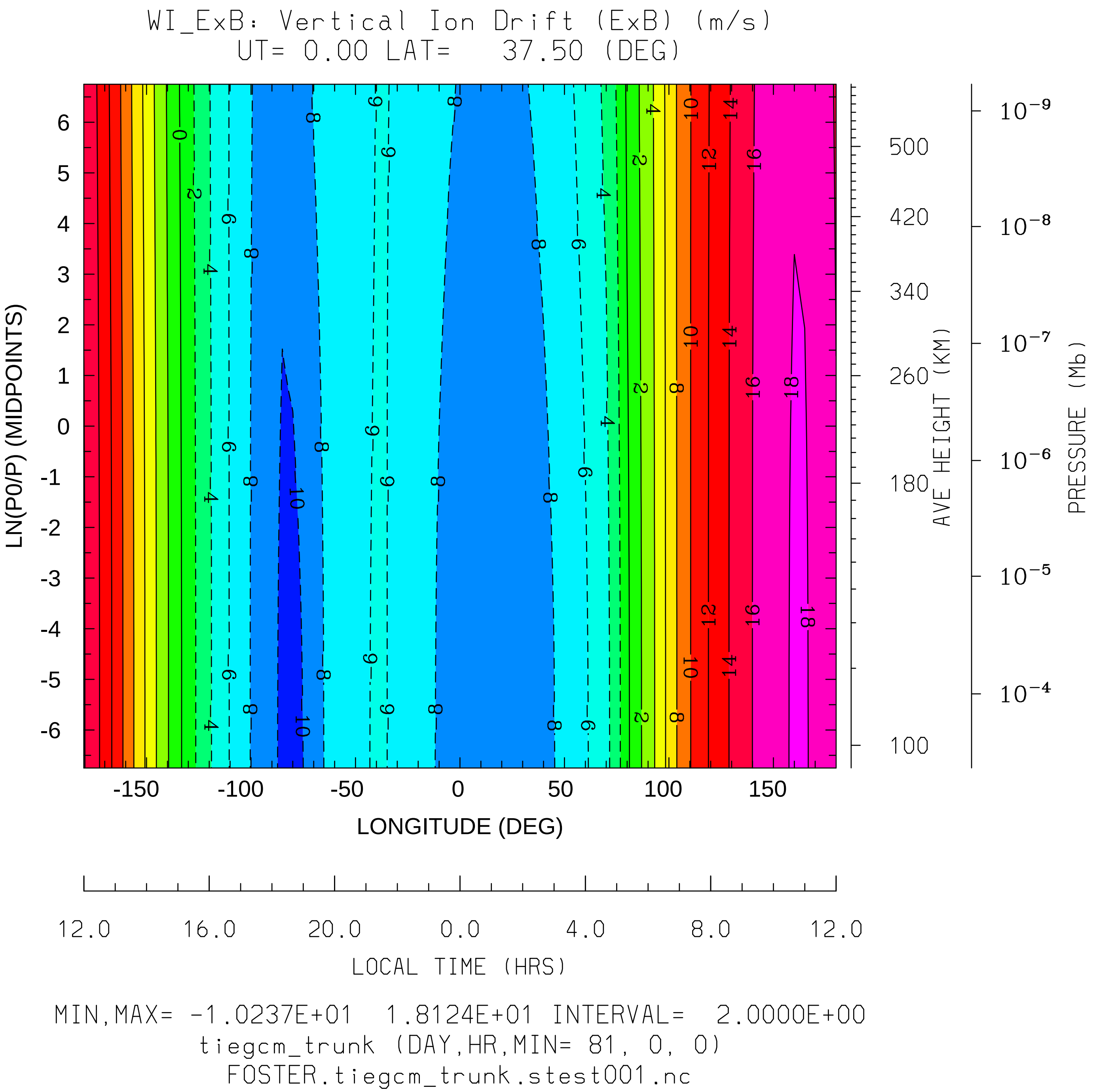
WI_ExB: Vertical Ion Drift (ExB) (m/s)
UT= 0.00 LAT= -42.50 (DEG)

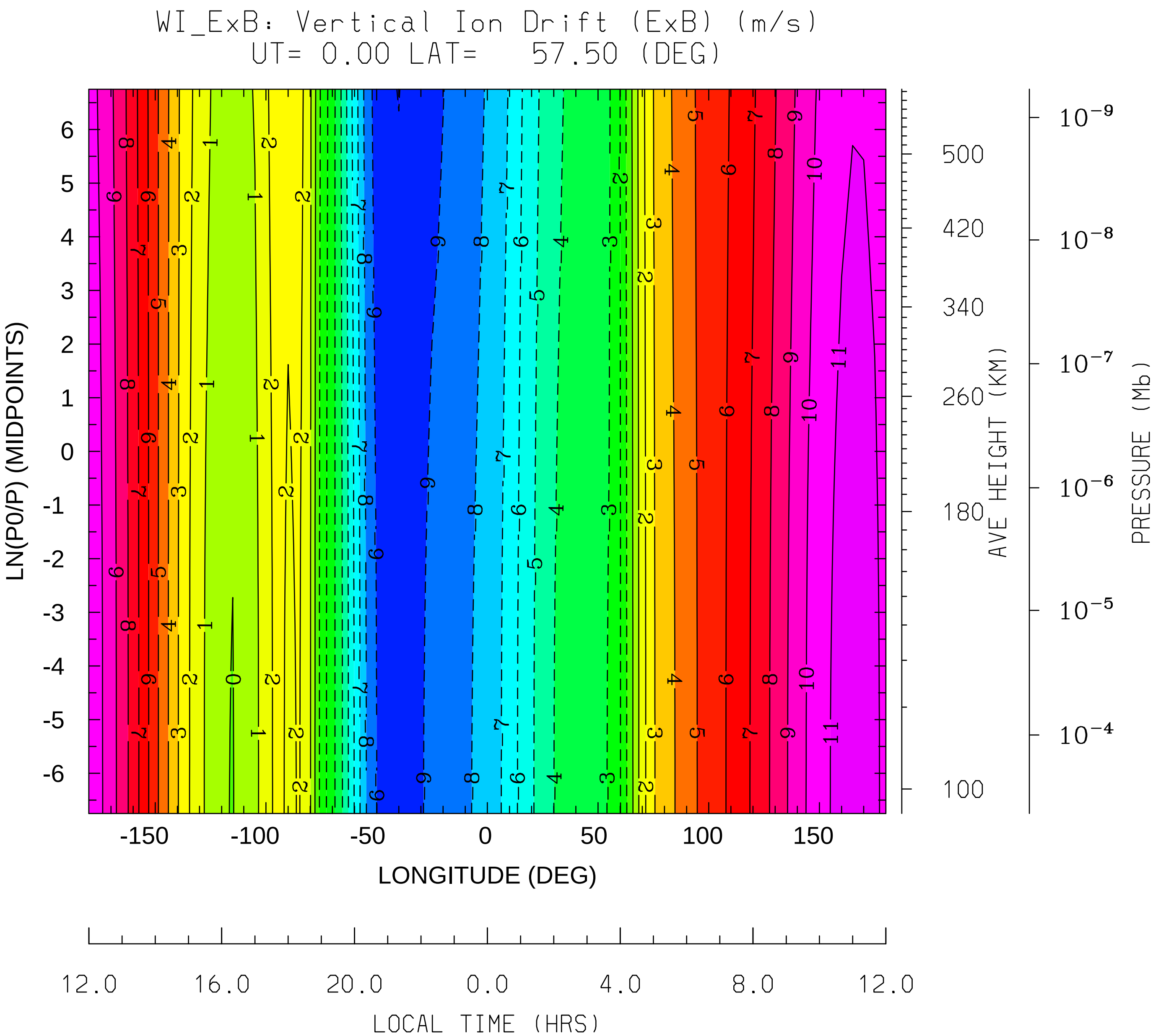


MIN,MAX= -1.6512E+01 9.8711E+00 INTERVAL= 2.0000E+00
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

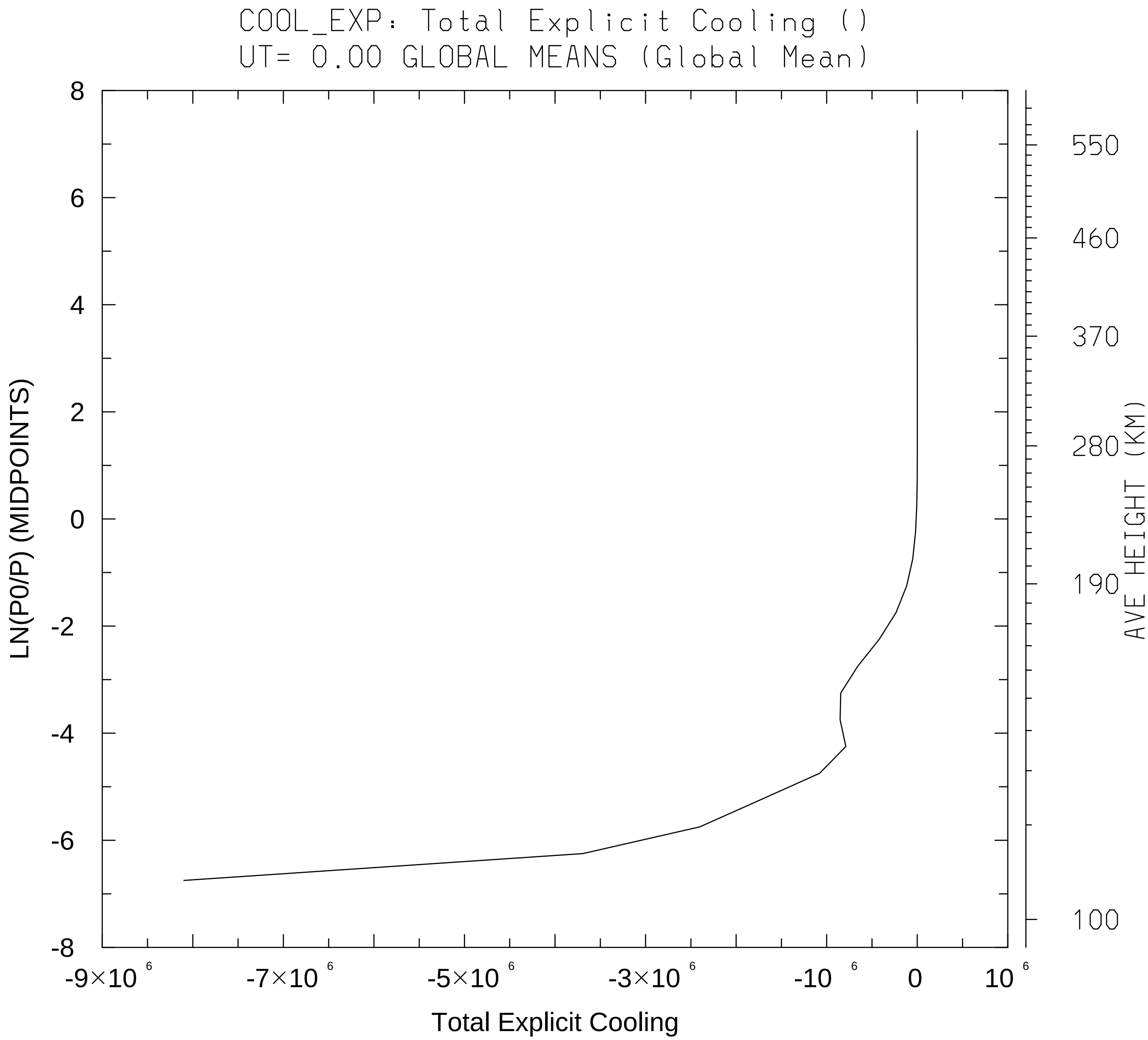


MIN,MAX= -2.1427E+01 2.3385E+01 INTERVAL= 2.5000E+00
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc


WI_ExB: Vertical Ion Drift (ExB) (m/s)
UT= 0.00 LAT= 37.50 (DEG)
LN(P0/P) (MIDPOINTS)
LONGITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
LOCAL TIME (HRS)
MIN,MAX= -1.0237E+01 1.8124E+01 INTERVAL= 2.0000E+00
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

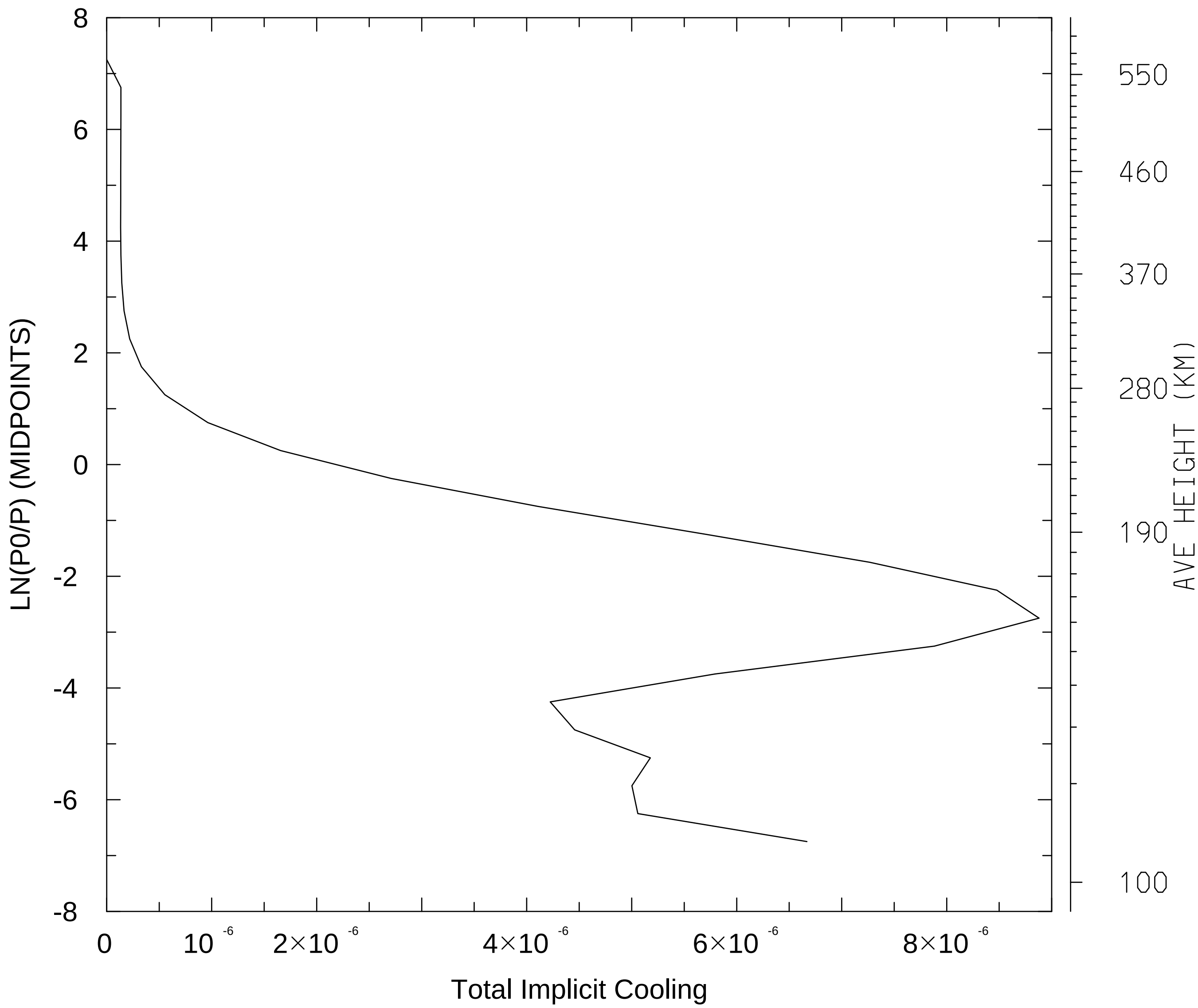


MIN,MAX= -1.0022E+01 1.1406E+01 INTERVAL= 1.0000E+00
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

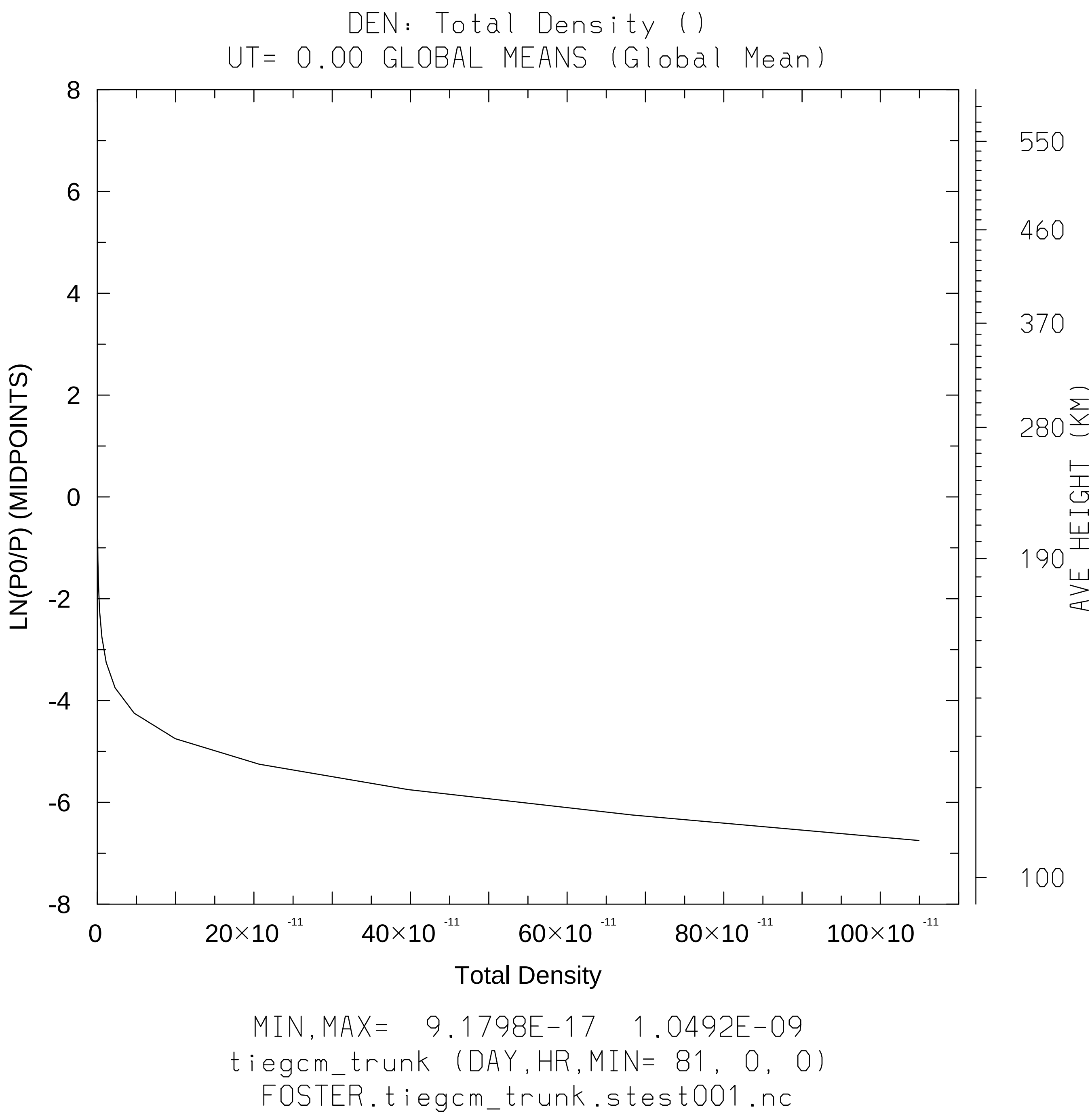


MIN,MAX= -8.0993E+06 9.4762E+02
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

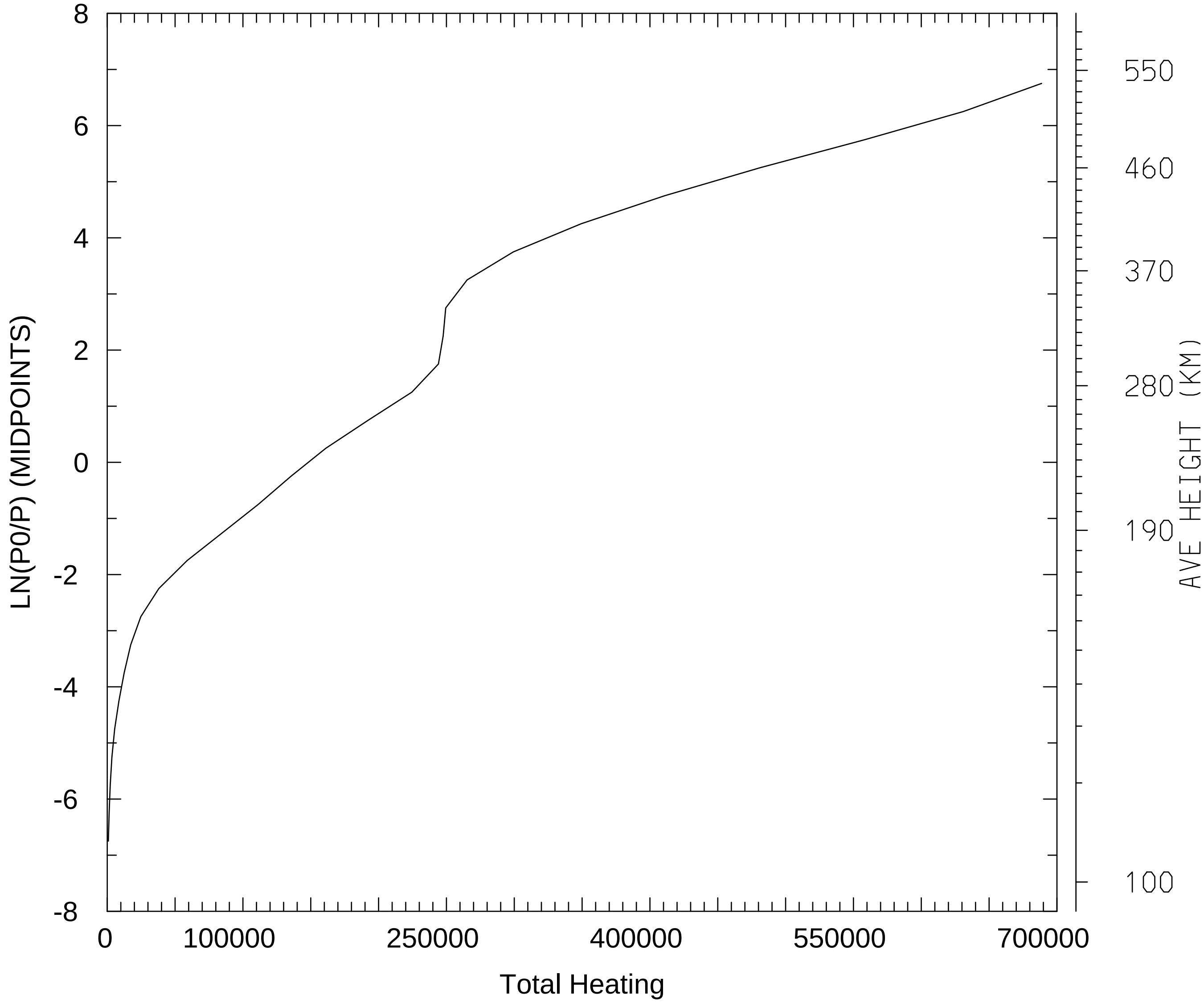
COOL_IMP: Total Implicit Cooling ()
UT= 0.00 GLOBAL MEANS (Global Mean)



MIN,MAX= 0.0000E+00 8.8791E-06
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

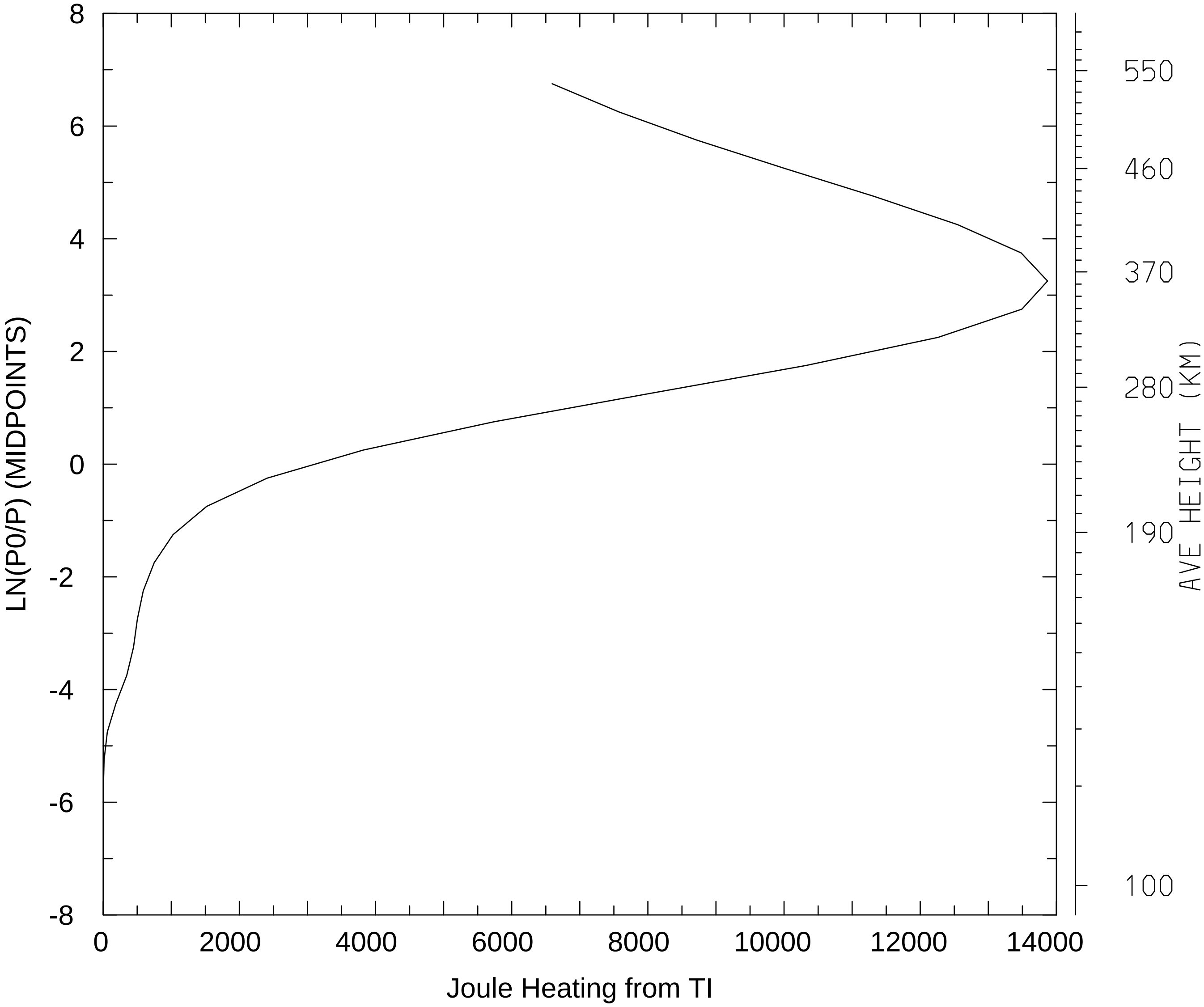

DEN: Total Density ()
UT= 0.00 GLOBAL MEANS (Global Mean)
8
6
4
2
0
-2
-4
-6
-8
LN(P0/P) (MIDPOINTS)
550
460
370
280
190
100
AVE HEIGHT (KM)
0
20×10 -11
40×10 -11
60×10 -11
80×10 -11
100×10 -11
Total Density
MIN,MAX= 9.1798E-17 1.0492E-09
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

HEATING: Total Heating ()
UT= 0.00 GLOBAL MEANS (Global Mean)



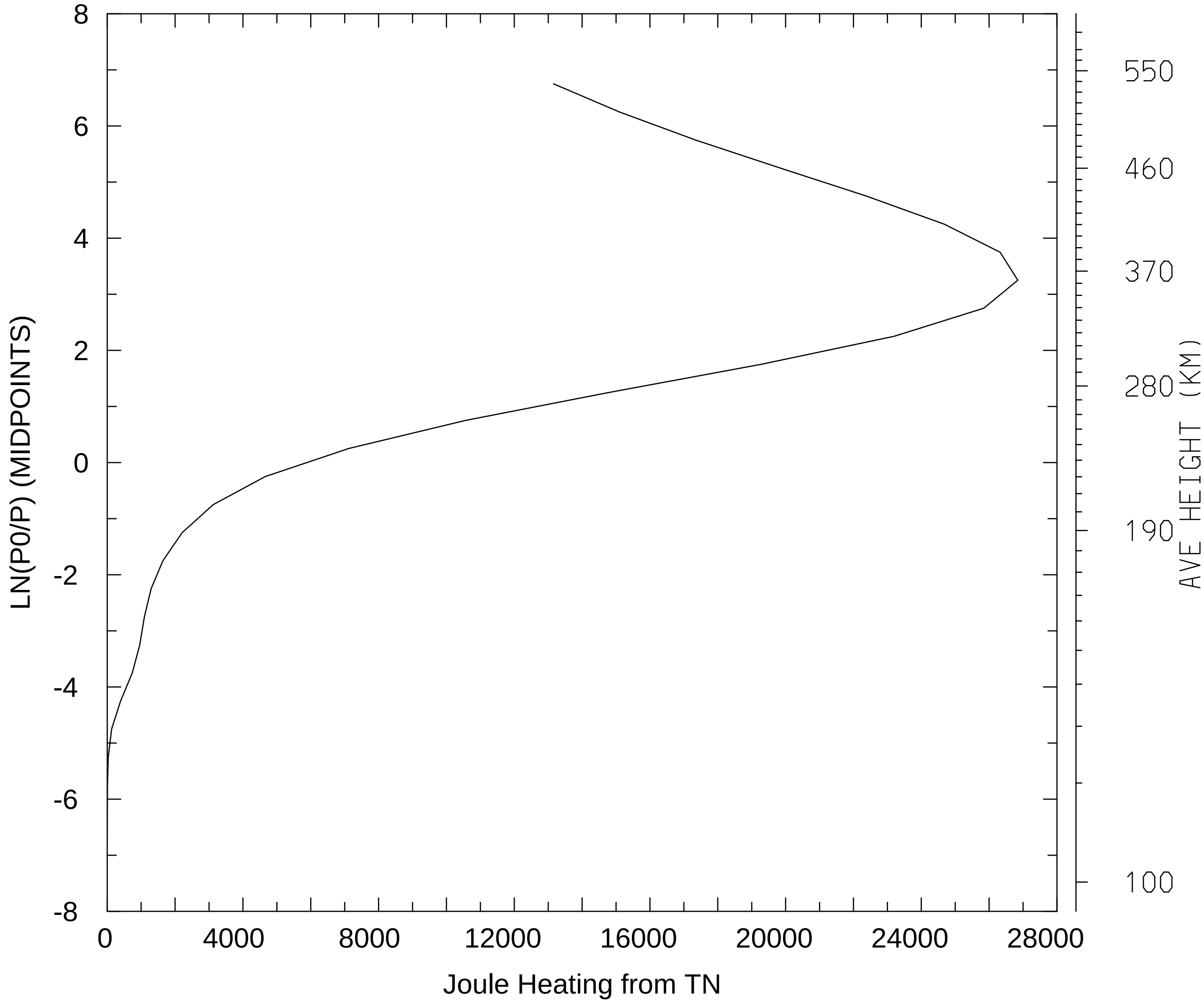
MIN,MAX= 8.1479E+02 6.8867E+05
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

QJI_TI: Joule Heating from TI (ergs/s/g)
UT= 0.00 GLOBAL MEANS (Global Mean)



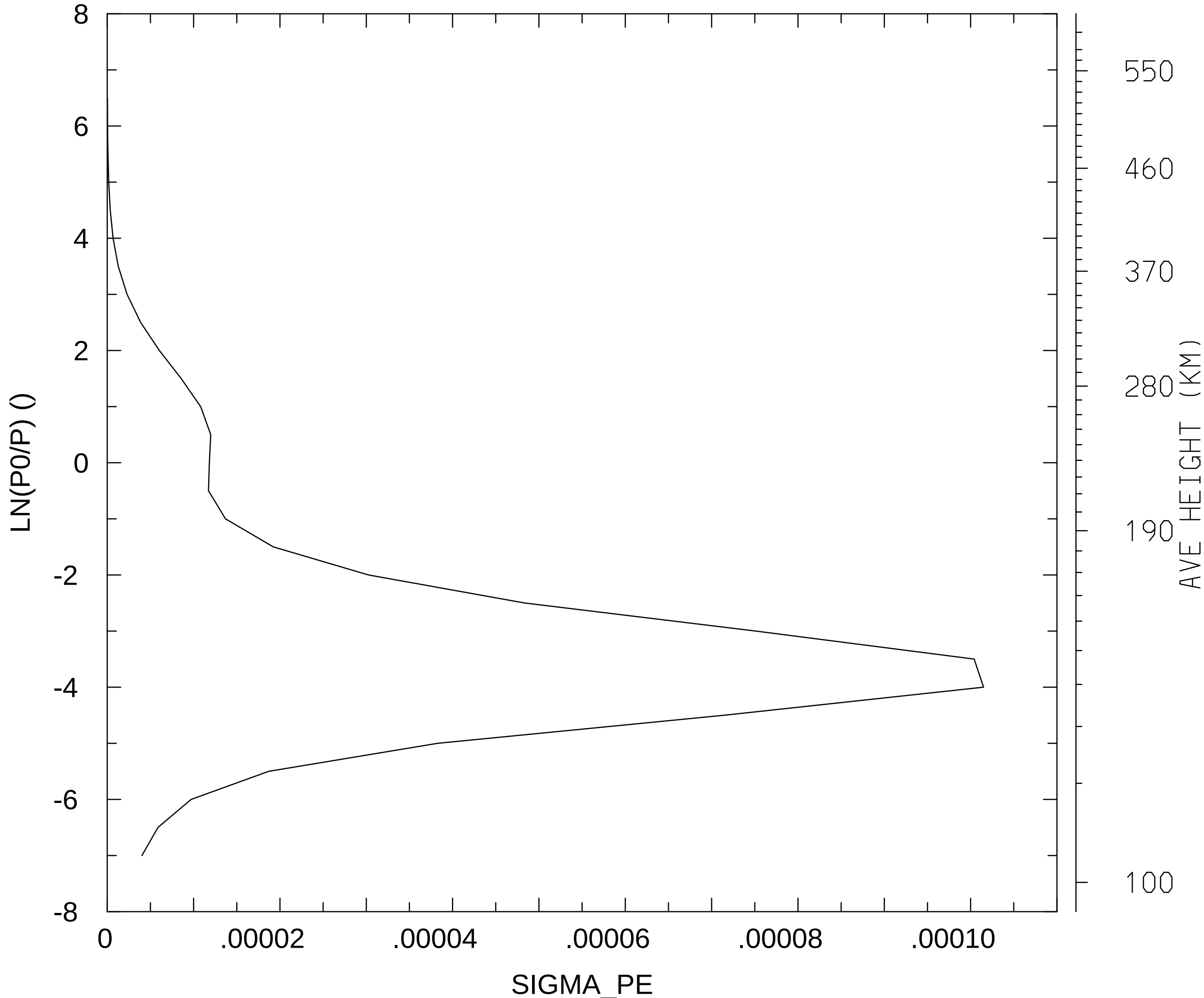
MIN,MAX= 4.2633E-01 1.3869E+04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

QJI_TN: Joule Heating from TN (ergs/s/g)
UT= 0.00 GLOBAL MEANS (Global Mean)



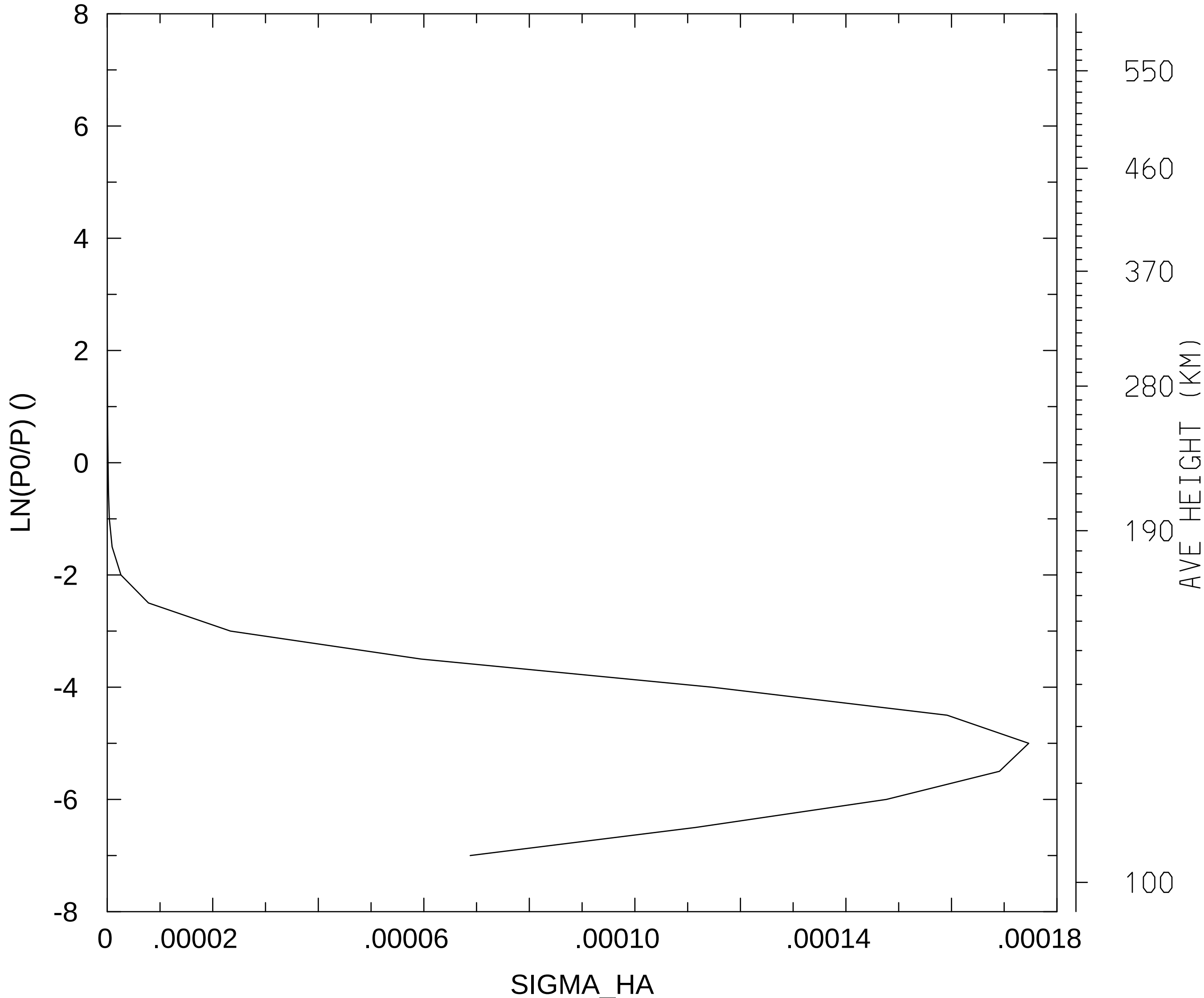
MIN,MAX= 8.8997E-01 2.6847E+04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

SIGMA_PE ()
UT= 0.00 GLOBAL MEANS (Global Mean)



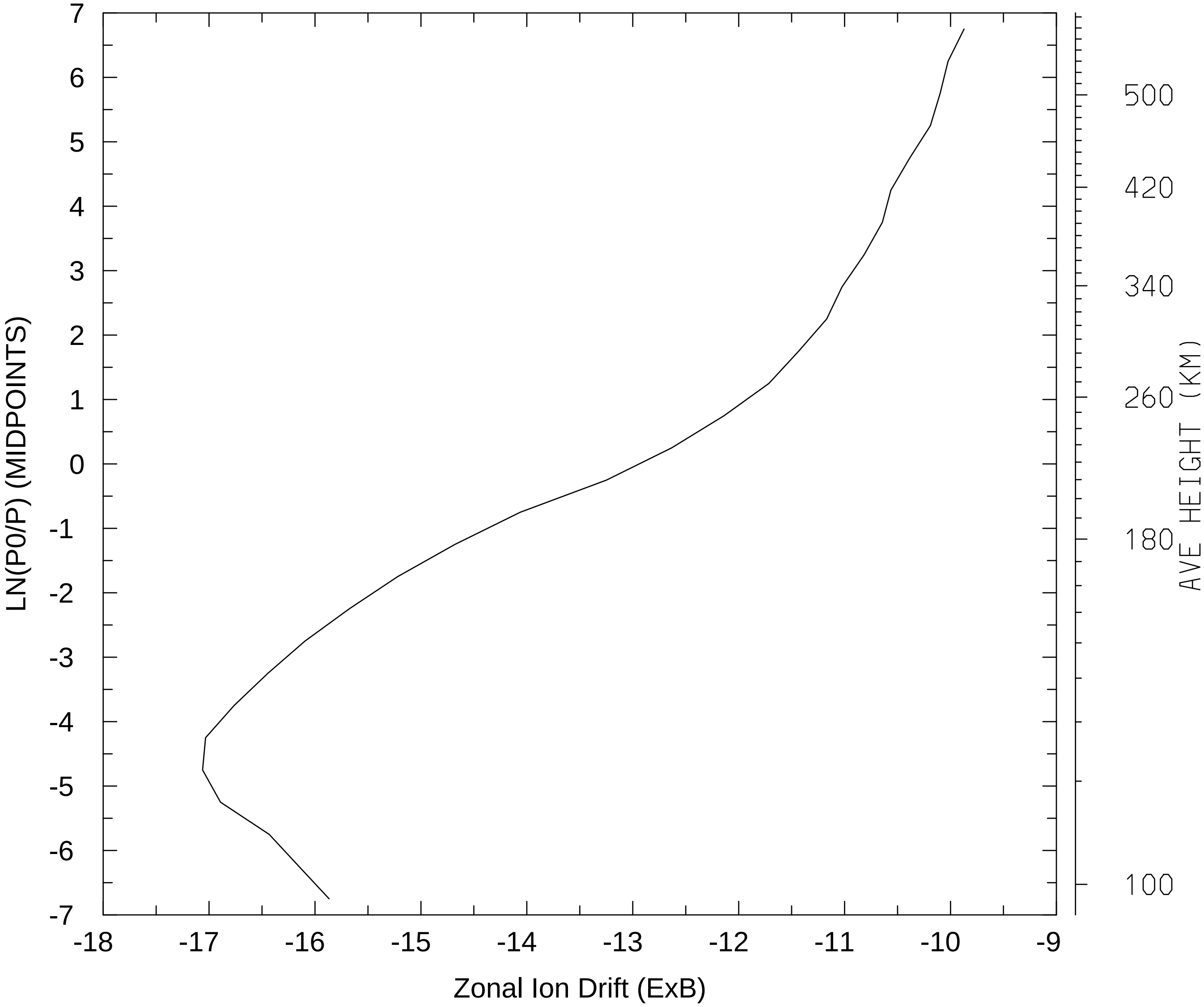
MIN,MAX= 1.8394E-08 1.0149E-04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

SIGMA_HA ()
UT= 0.00 GLOBAL MEANS (Global Mean)

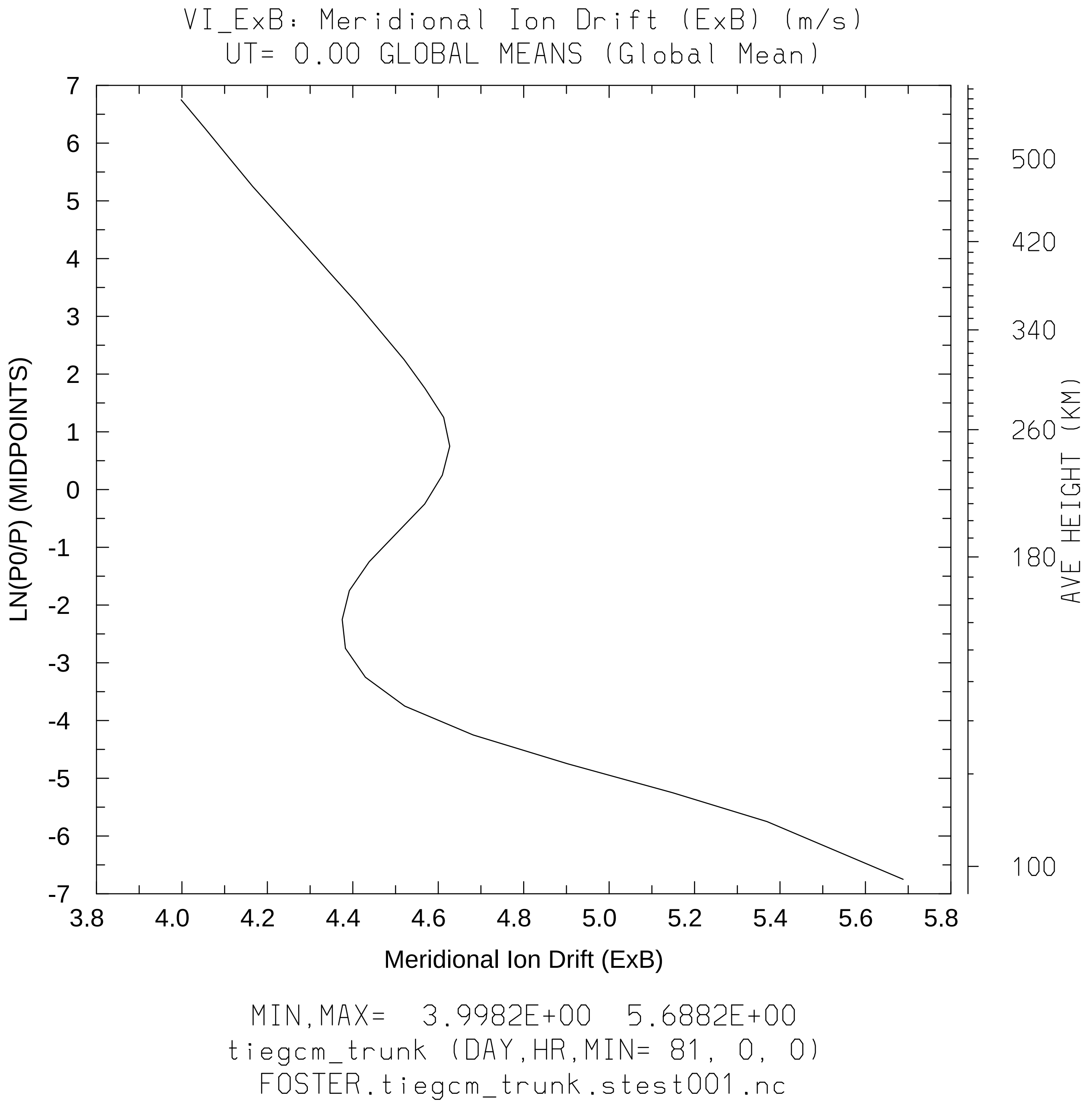


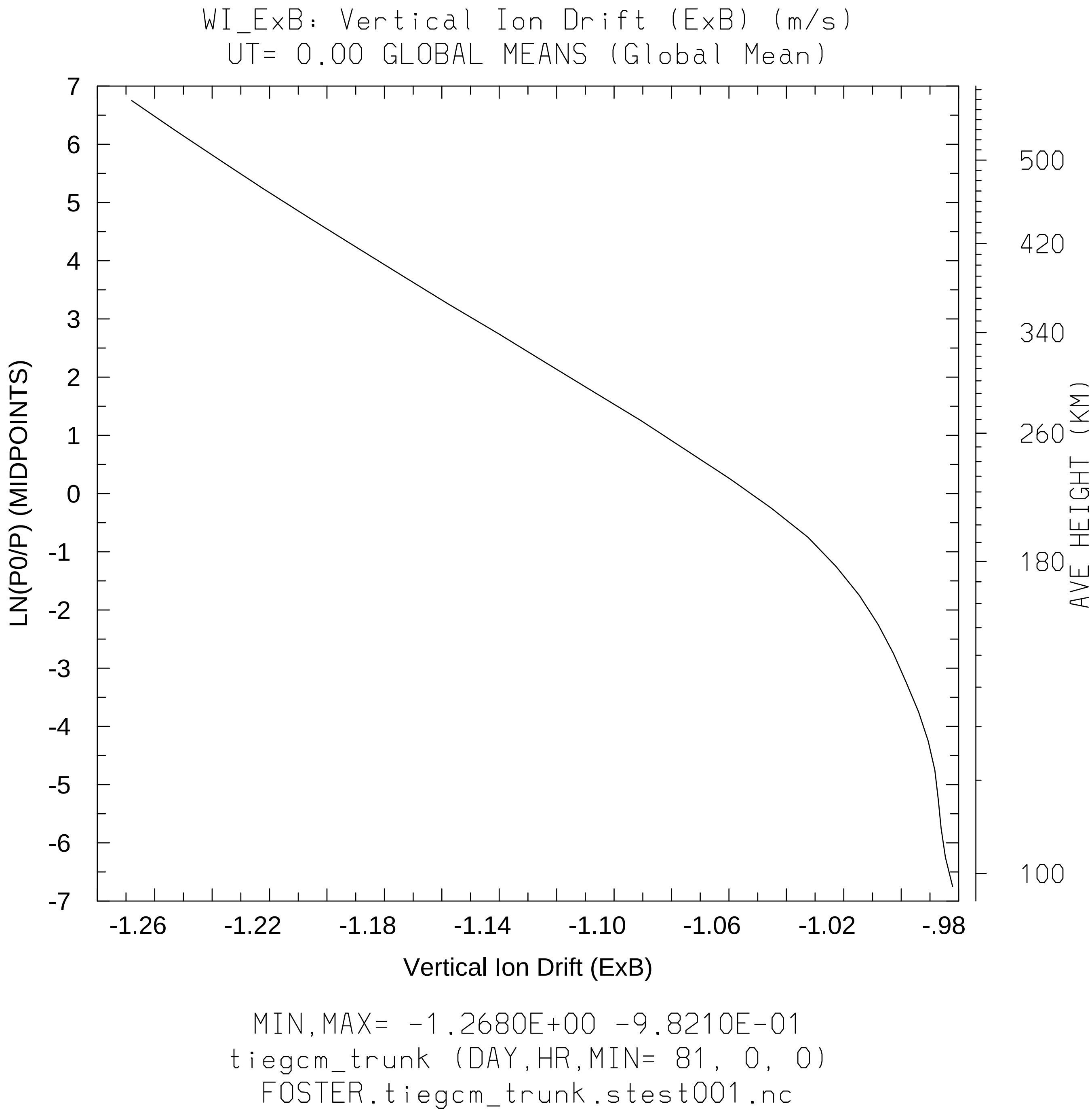
MIN,MAX= 5.1548E-13 1.7464E-04
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc

UI_ExB: Zonal Ion Drift (ExB) (m/s)
UT= 0.00 GLOBAL MEANS (Global Mean)



MIN,MAX= -1.7061E+01 -9.8722E+00
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc


VI_ExB: Meridional Ion Drift (ExB) (m/s)
UT= 0.00 GLOBAL MEANS (Global Mean)
LN(P0/P) (MIDPOINTS)
7
6
5
4
3
2
1
0
-1
-2
-3
-4
-5
-6
-7
500
420
340
260
180
100
AVE HEIGHT (KM)
3.8
4.0
4.2
4.4
4.6
4.8
5.0
5.2
5.4
5.6
5.8
Meridional Ion Drift (ExB)
MIN,MAX= 3.9982E+00 5.6882E+00
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc


WI_ExB: Vertical Ion Drift (ExB) (m/s)
UT= 0.00 GLOBAL MEANS (Global Mean)
LN(P0/P) (MIDPOINTS)
7
6
5
4
3
2
1
0
-1
-2
-3
-4
-5
-6
-7
AVE HEIGHT (KM)
500
420
340
260
180
100
-1.26
-1.22
-1.18
-1.14
-1.10
-1.06
-1.02
-.98
Vertical Ion Drift (ExB)
MIN,MAX= -1.2680E+00 -9.8210E-01
tiegcm_trunk (DAY,HR,MIN= 81, 0, 0)
FOSTER.tiegcm_trunk.stest001.nc