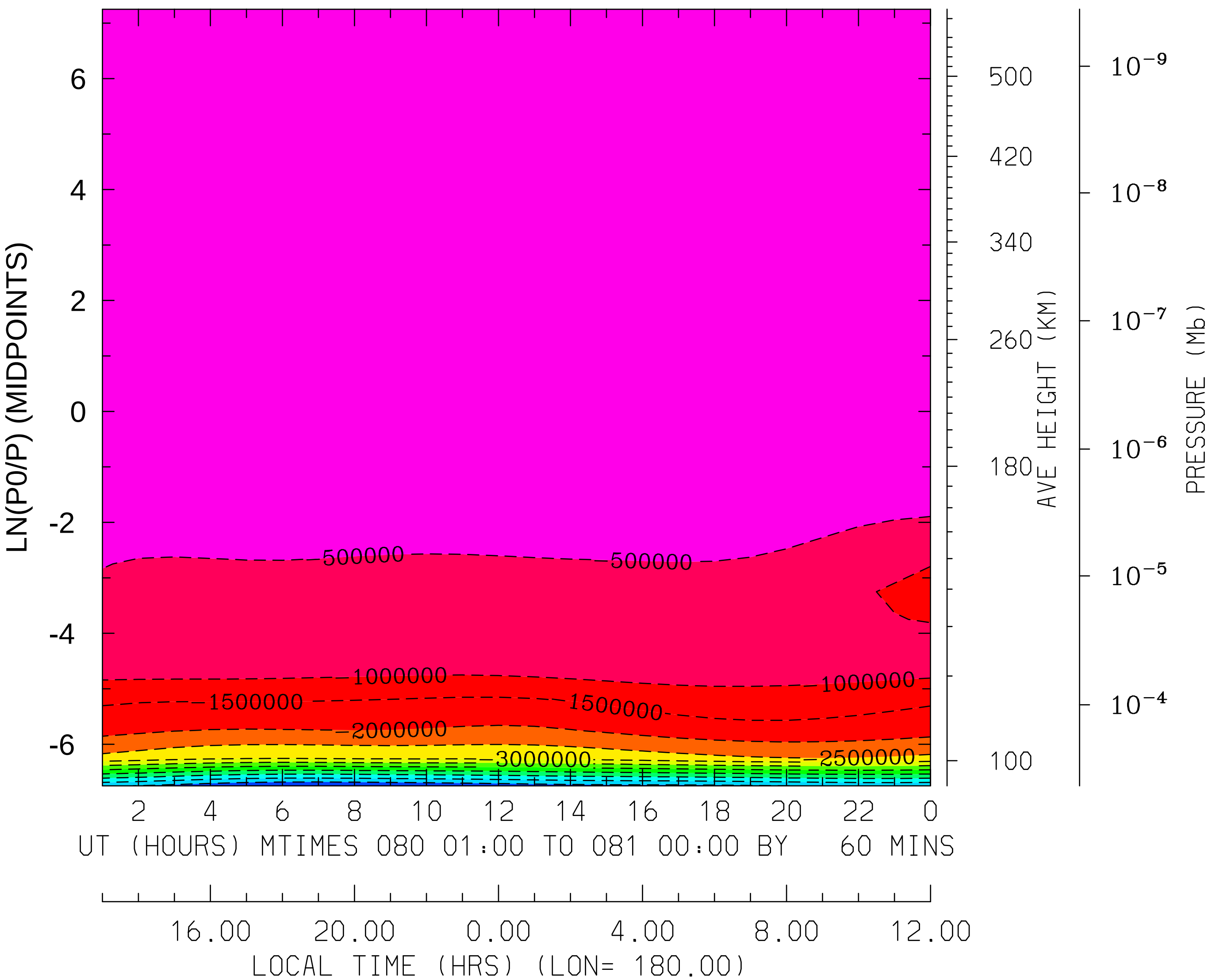
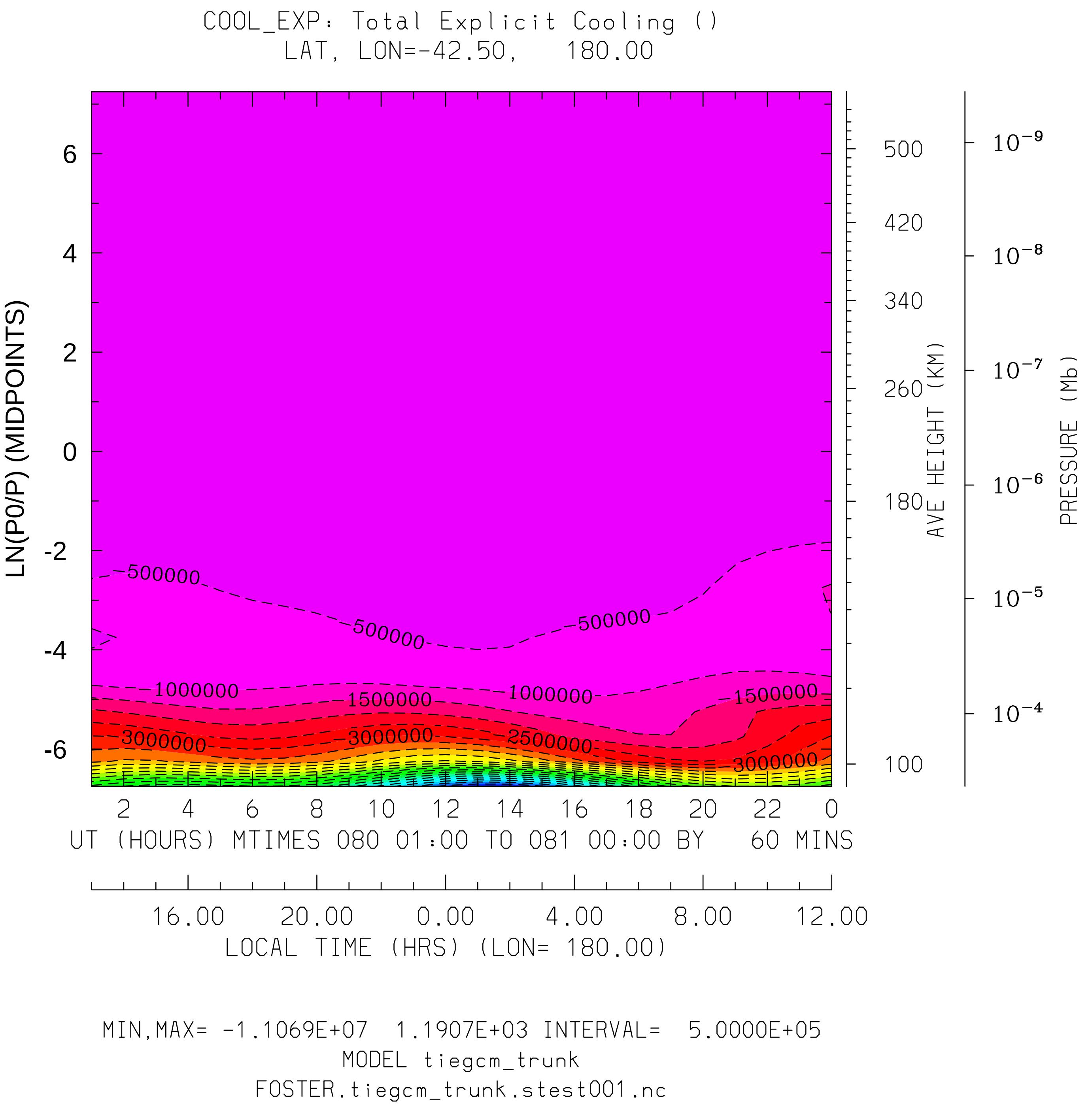
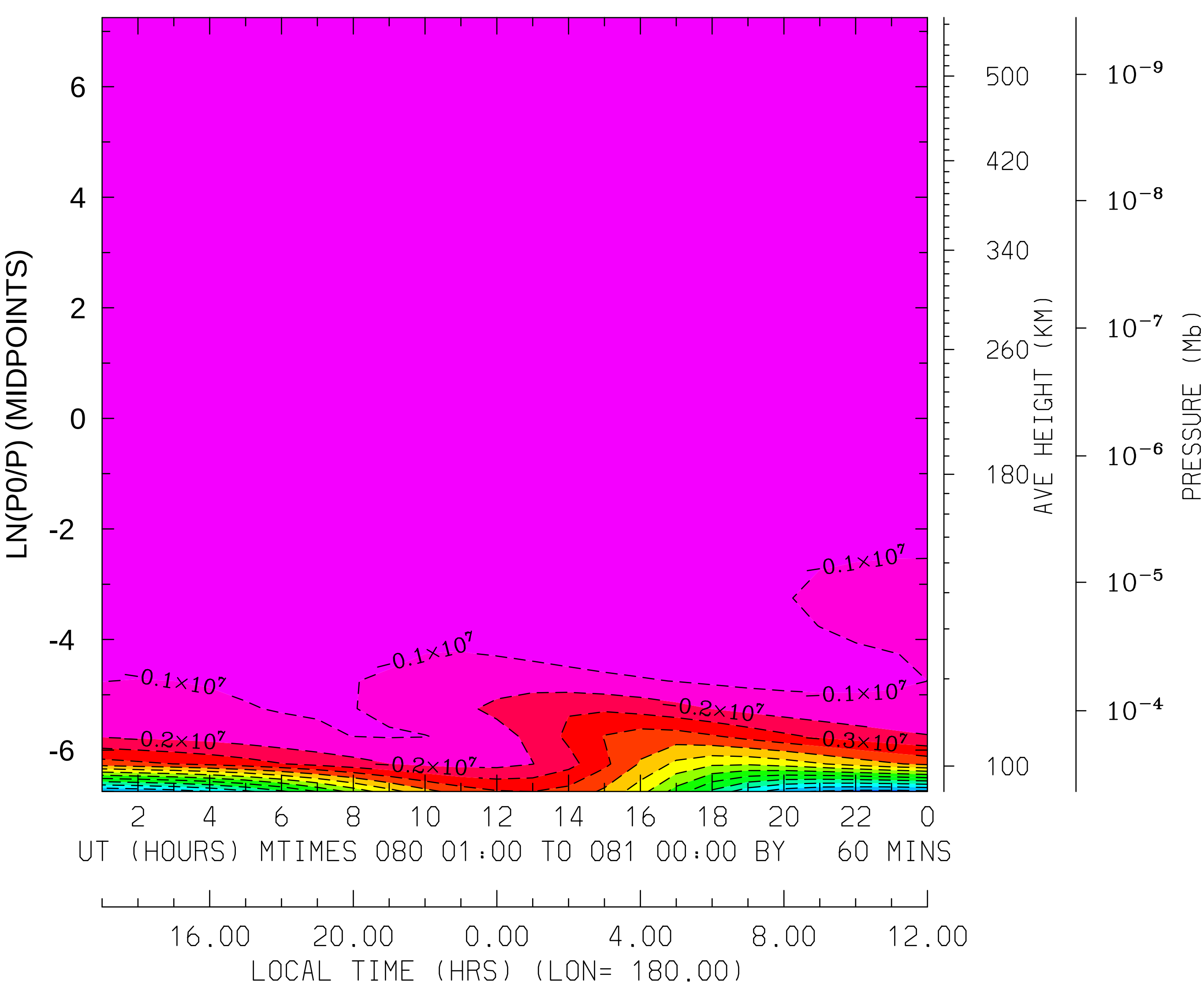
COOL_EXP: Total Explicit Cooling ()
LAT, LON=-62.50, 180.00



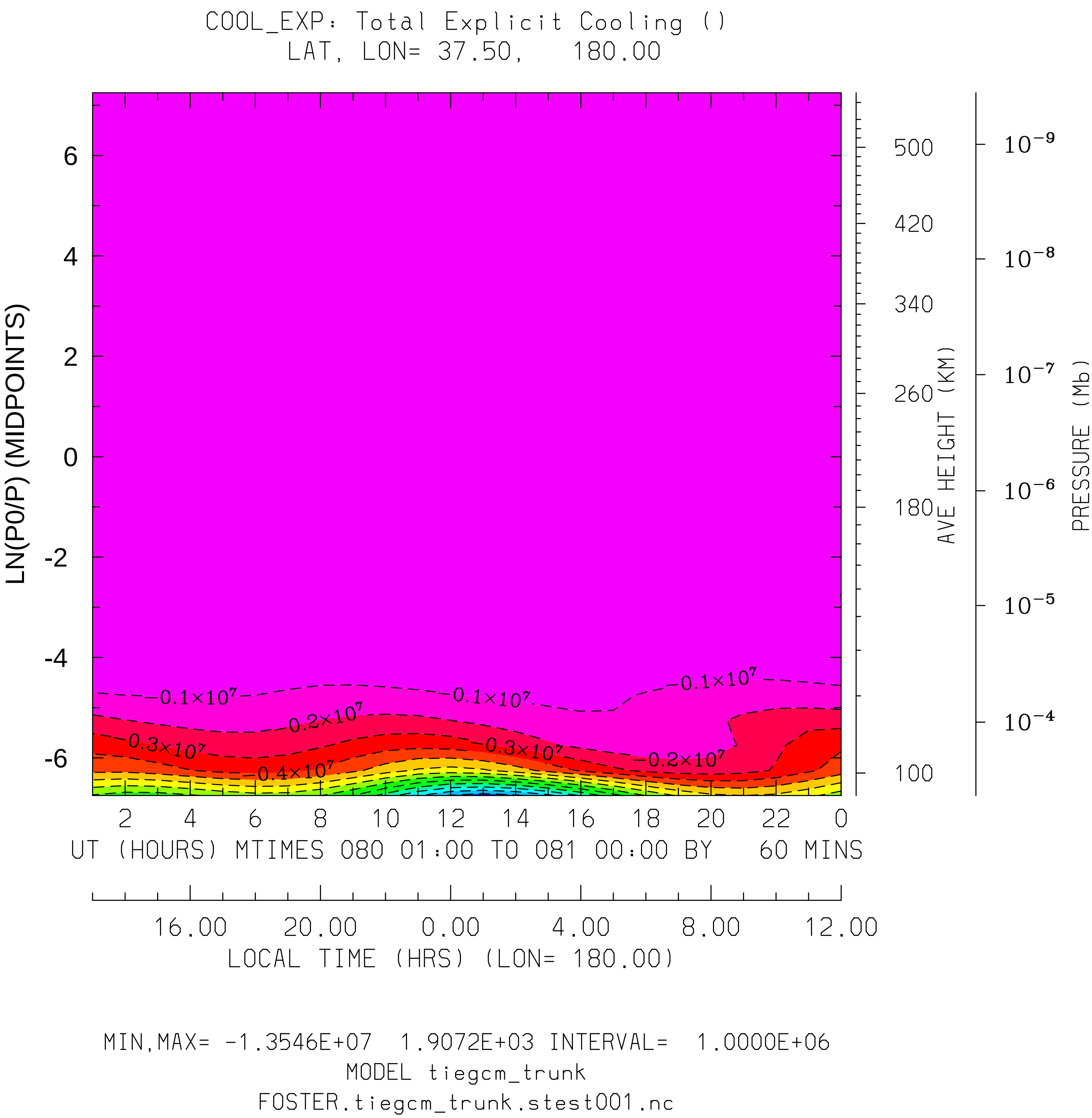
MIN,MAX= -6.5040E+06 7.2289E+02 INTERVAL= 5.0000E+05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc


COOL_EXP: Total Explicit Cooling ()
LAT, LON=-42.50, 180.00
LN(P0/P) (MIDPOINTS)
500000
1000000
1500000
2500000
3000000
AVE HEIGHT (KM)
PRESSURE (Mb)
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= -1.1069E+07 1.1907E+03 INTERVAL= 5.0000E+05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

COOL_EXP: Total Explicit Cooling ()
LAT, LON= -2.50, 180.00

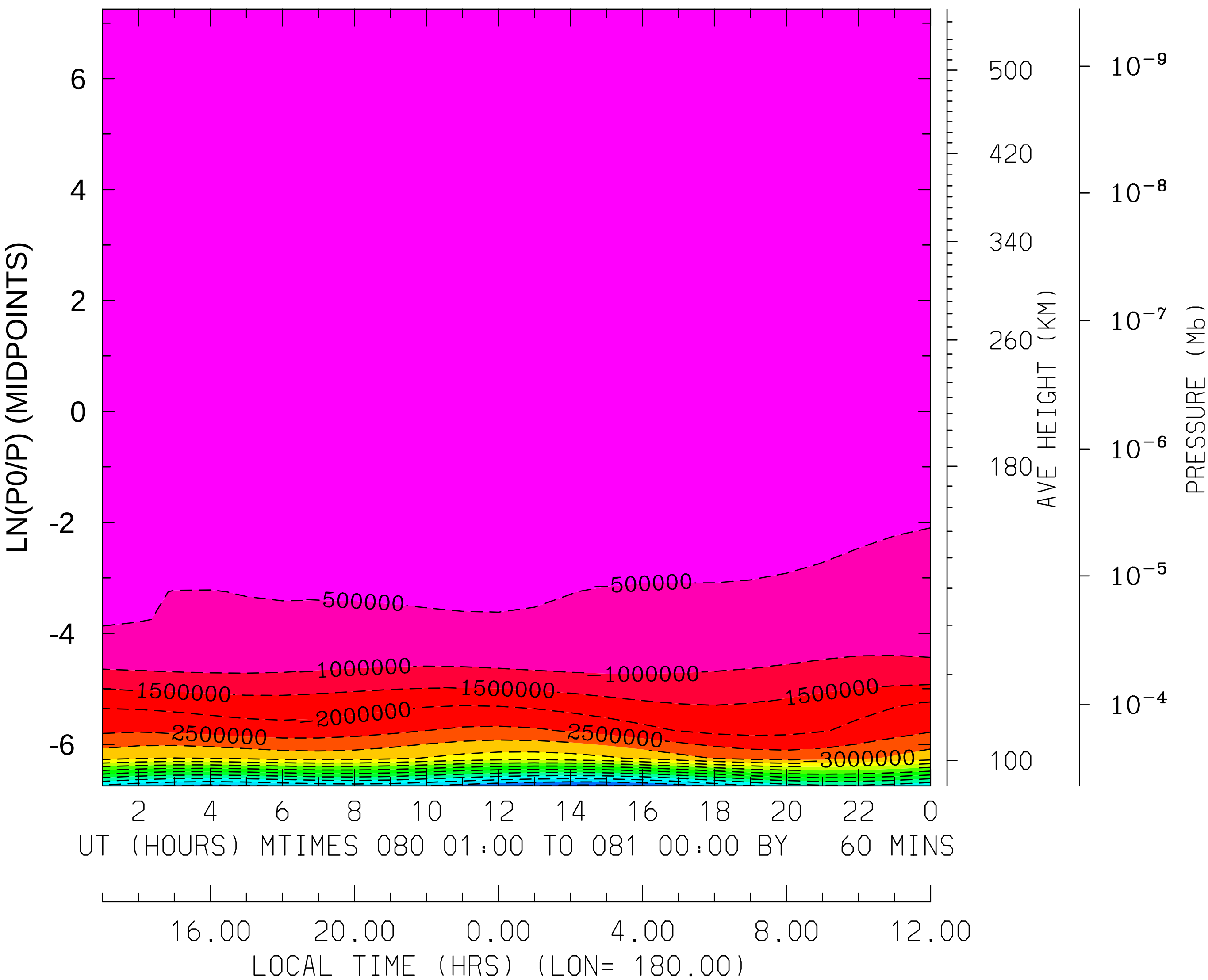


MIN,MAX= -1.3373E+07 1.6546E+03 INTERVAL= 1.0000E+06
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

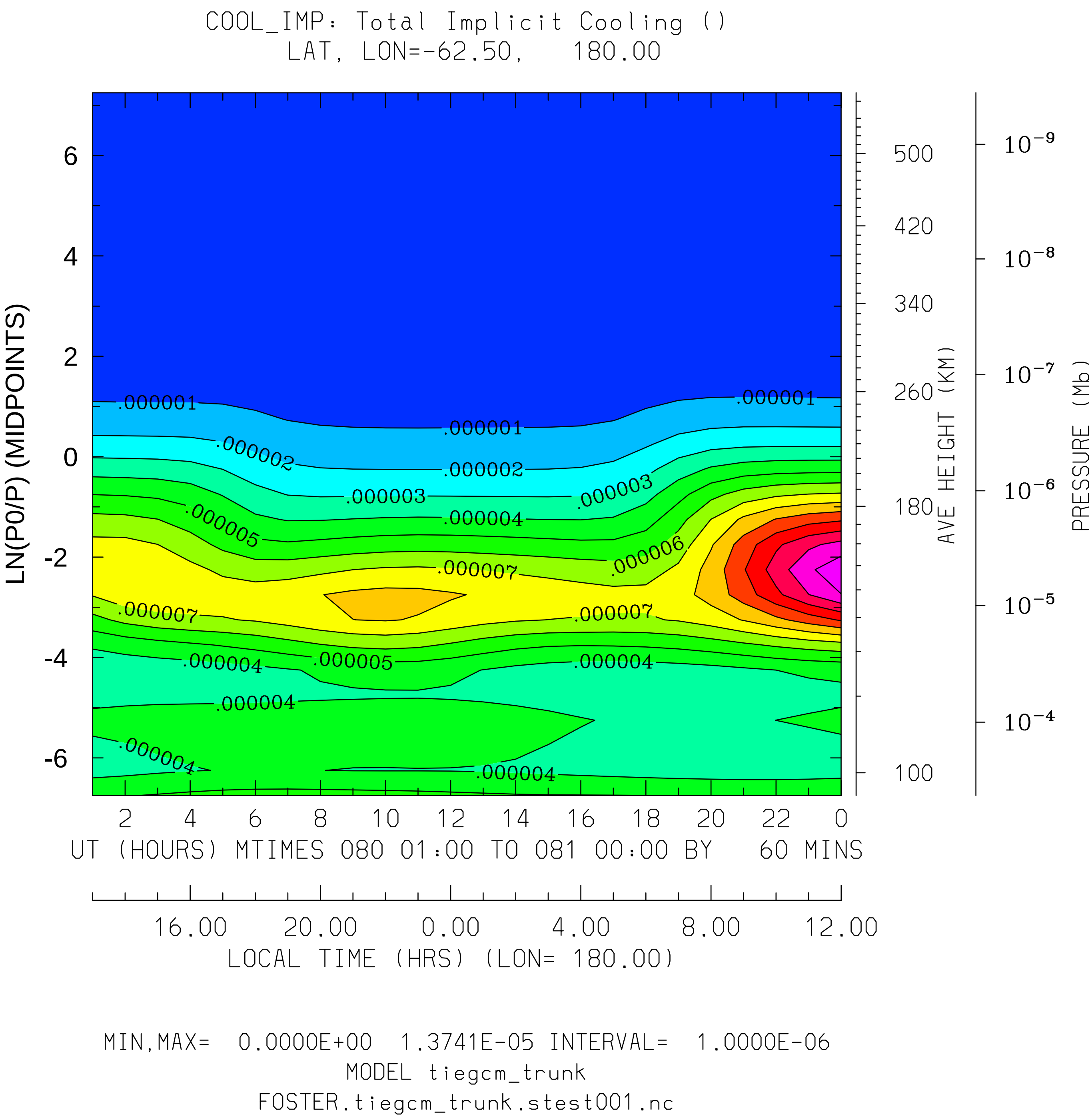


COOL_EXP: Total Explicit Cooling ()
LAT, LON= 37.50, 180.00
LN(P0/P) (MIDPOINTS)
6
4
2
0
-2
-4
-6
0.1×10^7
0.2×10^7
0.3×10^7
0.4×10^7
0.1×10^7
0.3×10^7
0.1×10^7
0.2×10^7
500
420
340
260
180
100
AVE HEIGHT (KM)
10^-9
10^-8
10^-7
10^-6
10^-5
10^-4
PRESSURE (Mb)
2 4 6 8 10 12 14 16 18 20 22 0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00 20.00 0.00 4.00 8.00 12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= -1.3546E+07 1.9072E+03 INTERVAL= 1.0000E+06
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

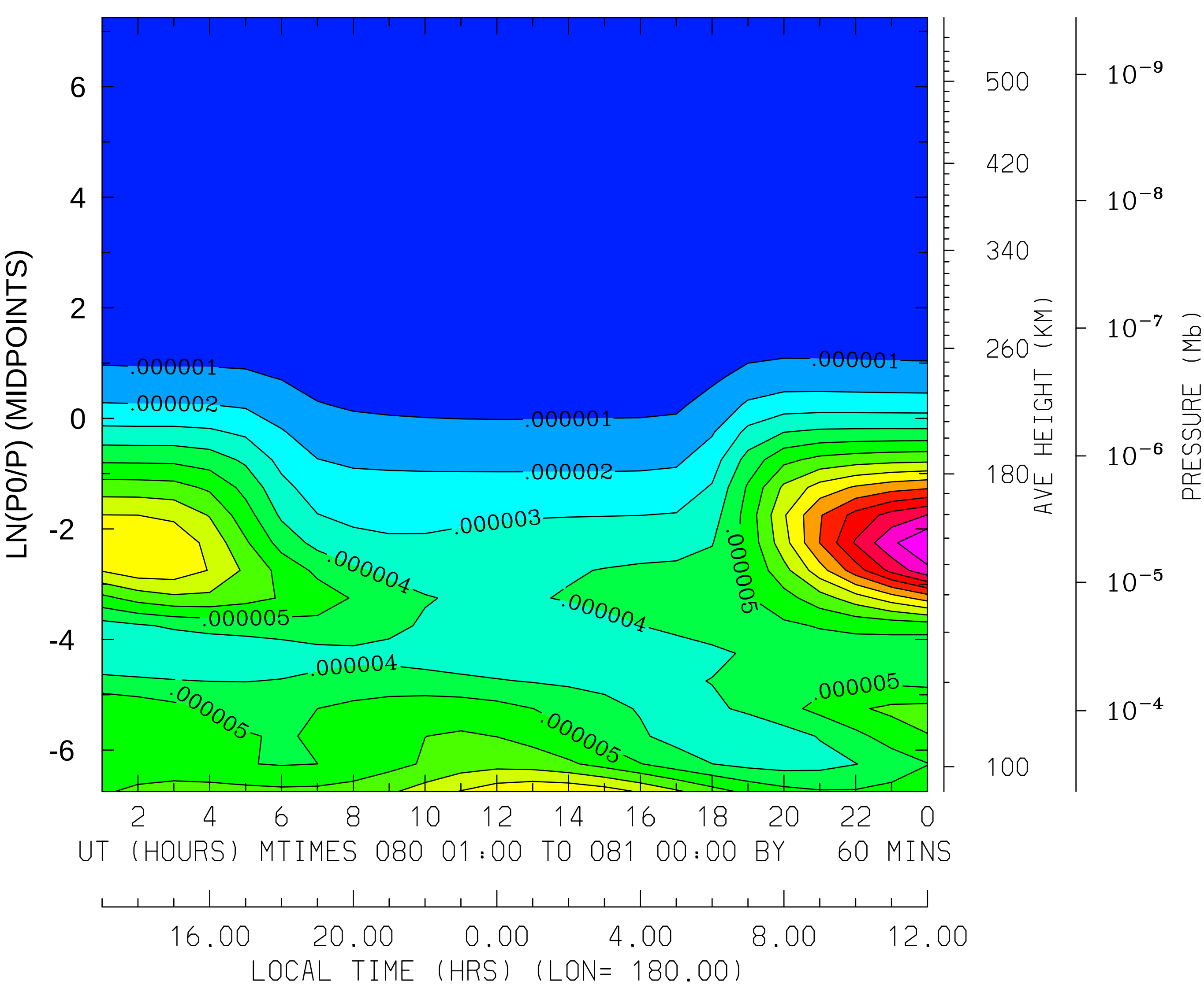
COOL_EXP: Total Explicit Cooling ()
LAT, LON= 57.50, 180.00



MIN,MAX= -8.1482E+06 1.4185E+03 INTERVAL= 5.0000E+05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

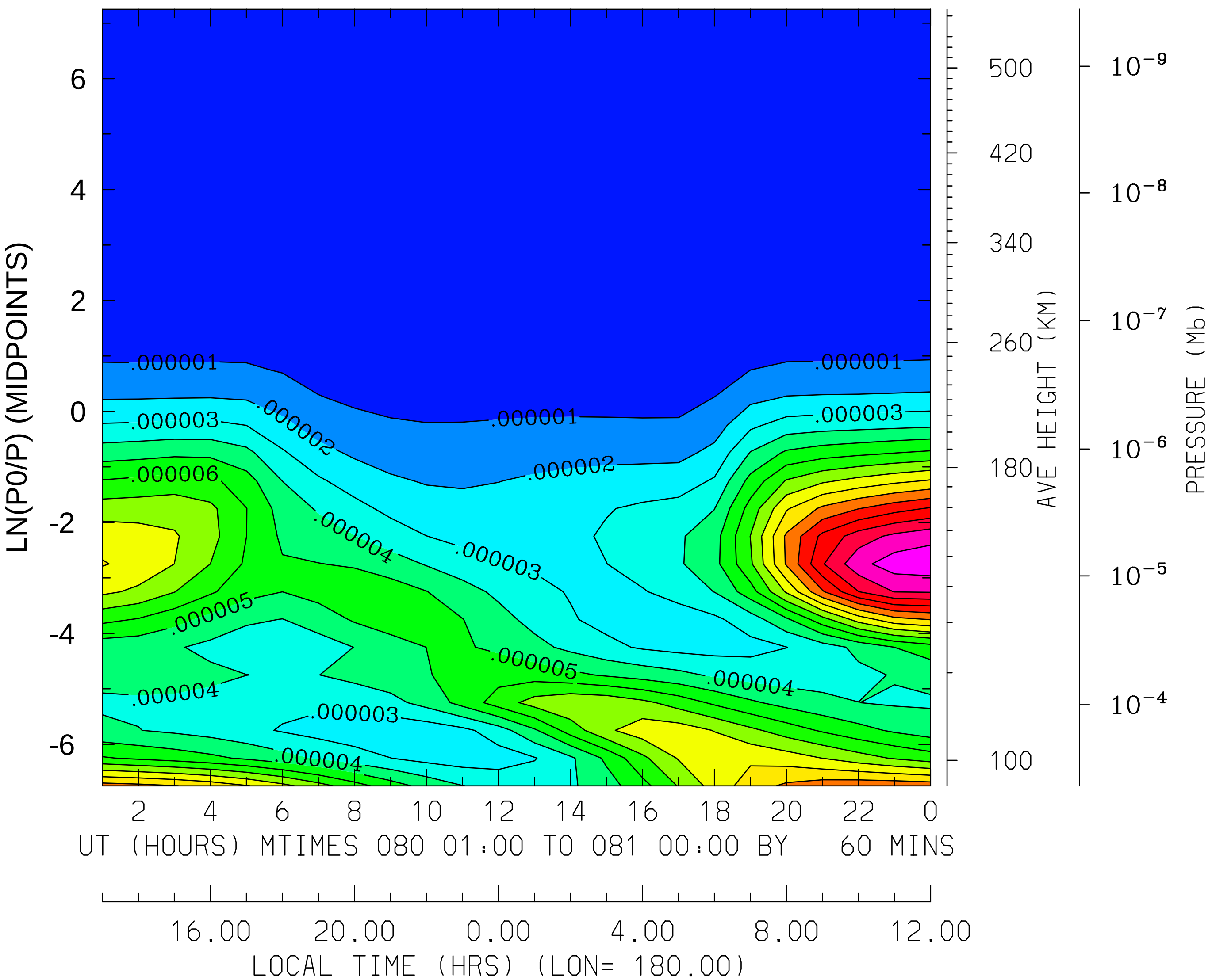

COOL_IMP: Total Implicit Cooling ()
LAT, LON=-62.50, 180.00
LN(P0/P) (MIDPOINTS)
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
LOCAL TIME (HRS) (LON= 180.00)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 0.0000E+00 1.3741E-05 INTERVAL= 1.0000E-06
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

COOL_IMP: Total Implicit Cooling ()
LAT, LON=-42.50, 180.00



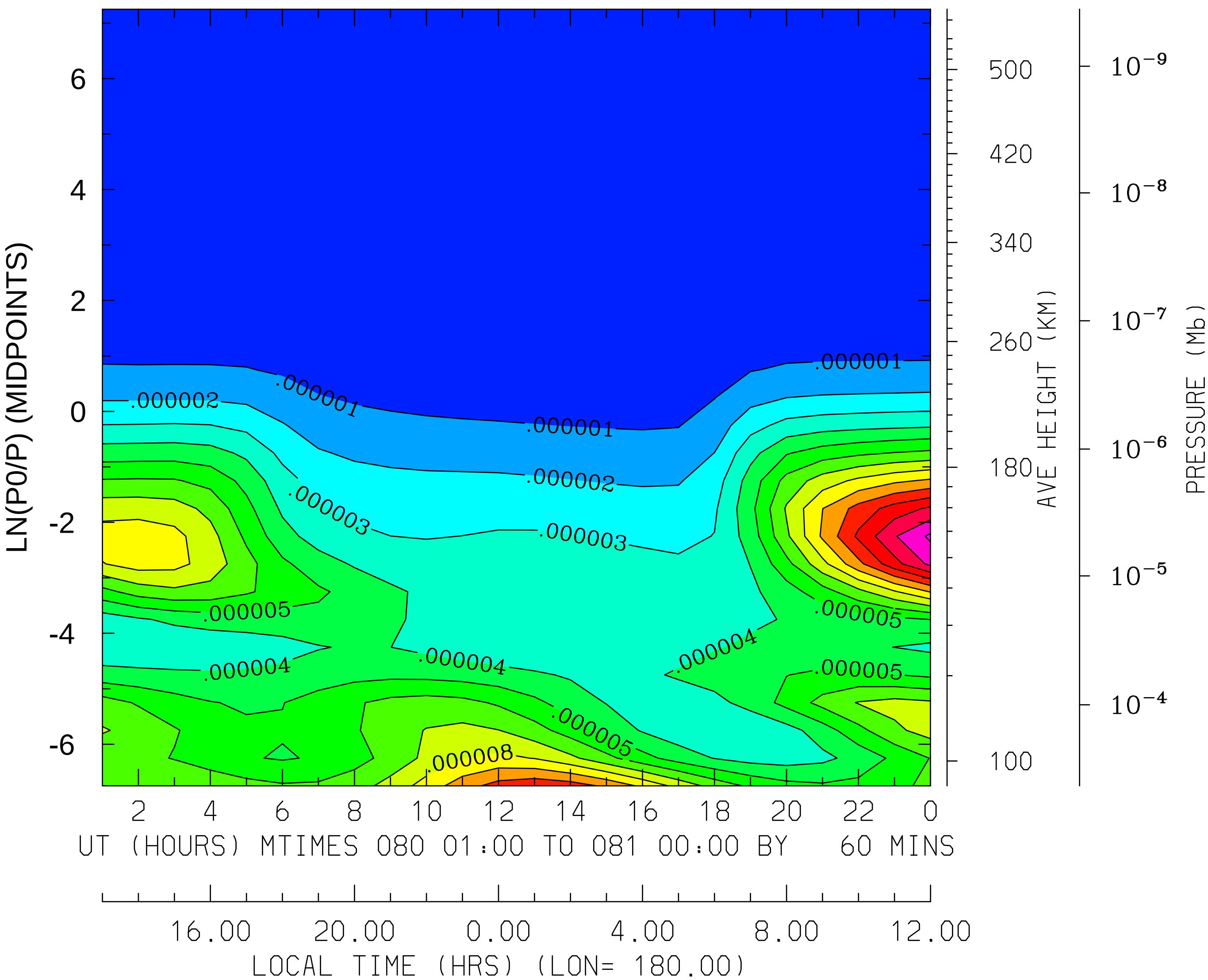
MIN,MAX= 0.0000E+00 1.4997E-05 INTERVAL= 1.0000E-06
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

COOL_IMP: Total Implicit Cooling ()
LAT, LON= -2.50, 180.00



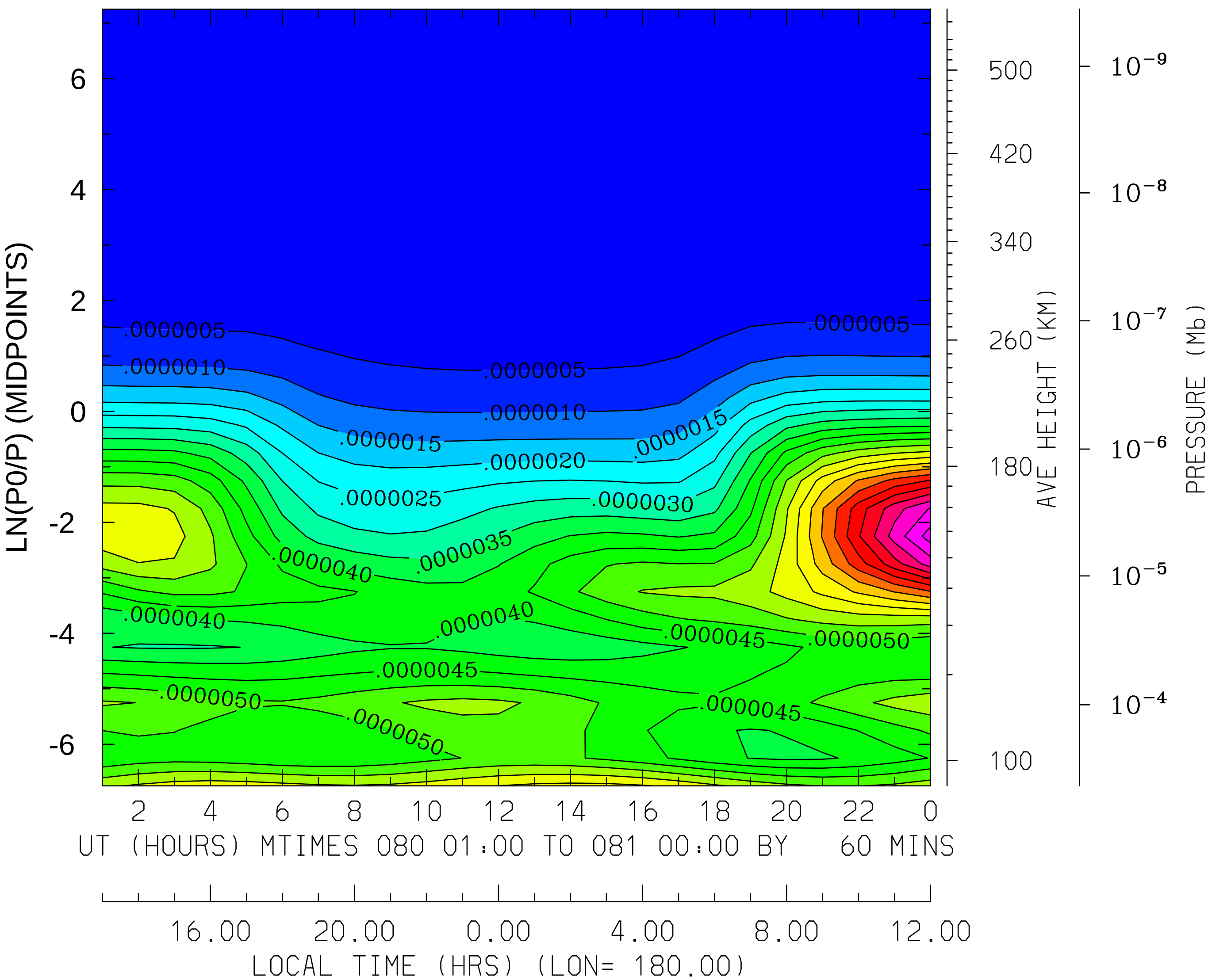
MIN,MAX= 0.0000E+00 1.5684E-05 INTERVAL= 1.0000E-06
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

COOL_IMP: Total Implicit Cooling ()
LAT, LON= 37.50, 180.00



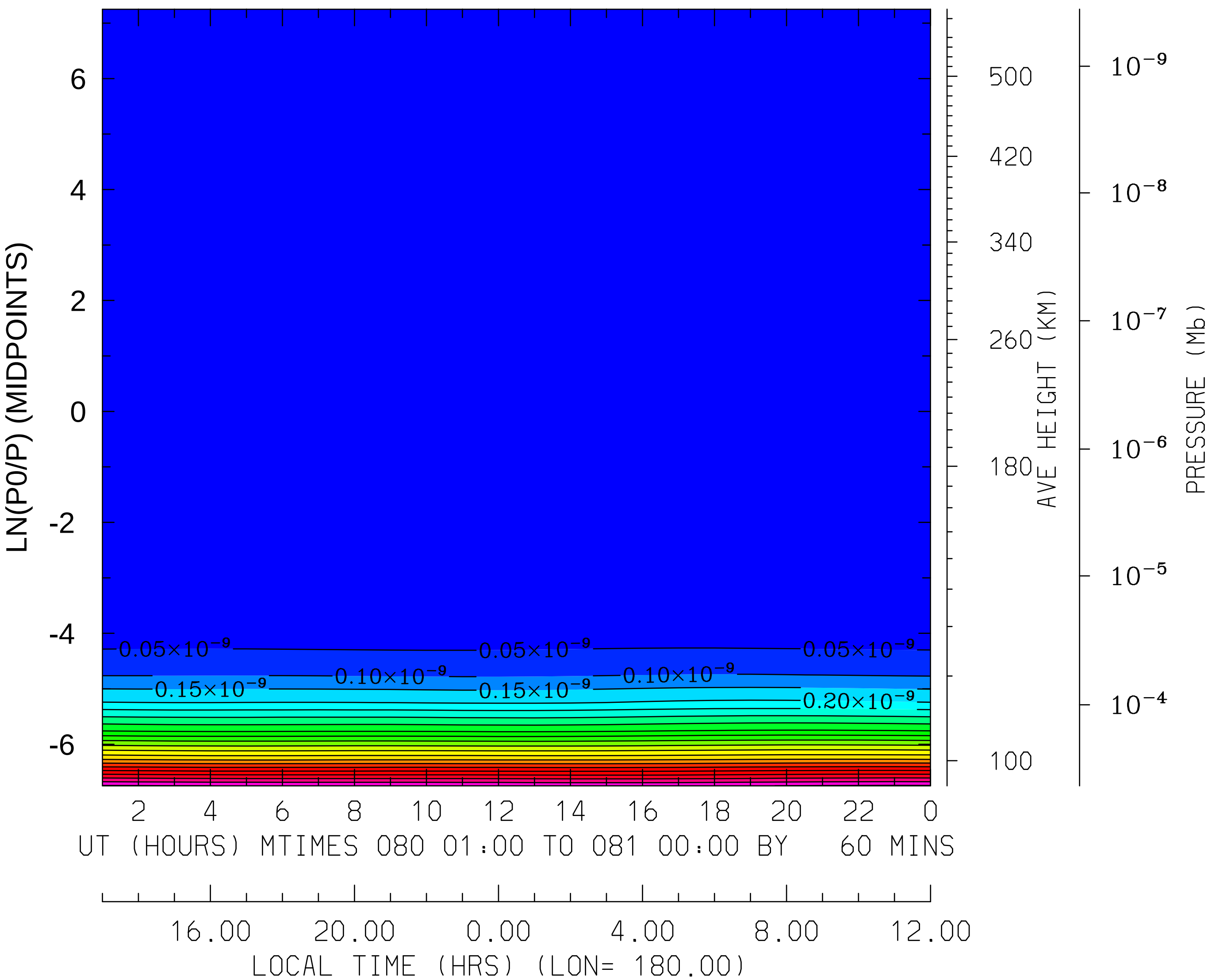
MIN,MAX= 0.0000E+00 1.4186E-05 INTERVAL= 1.0000E-06
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

COOL_IMP: Total Implicit Cooling ()
LAT, LON= 57.50, 180.00



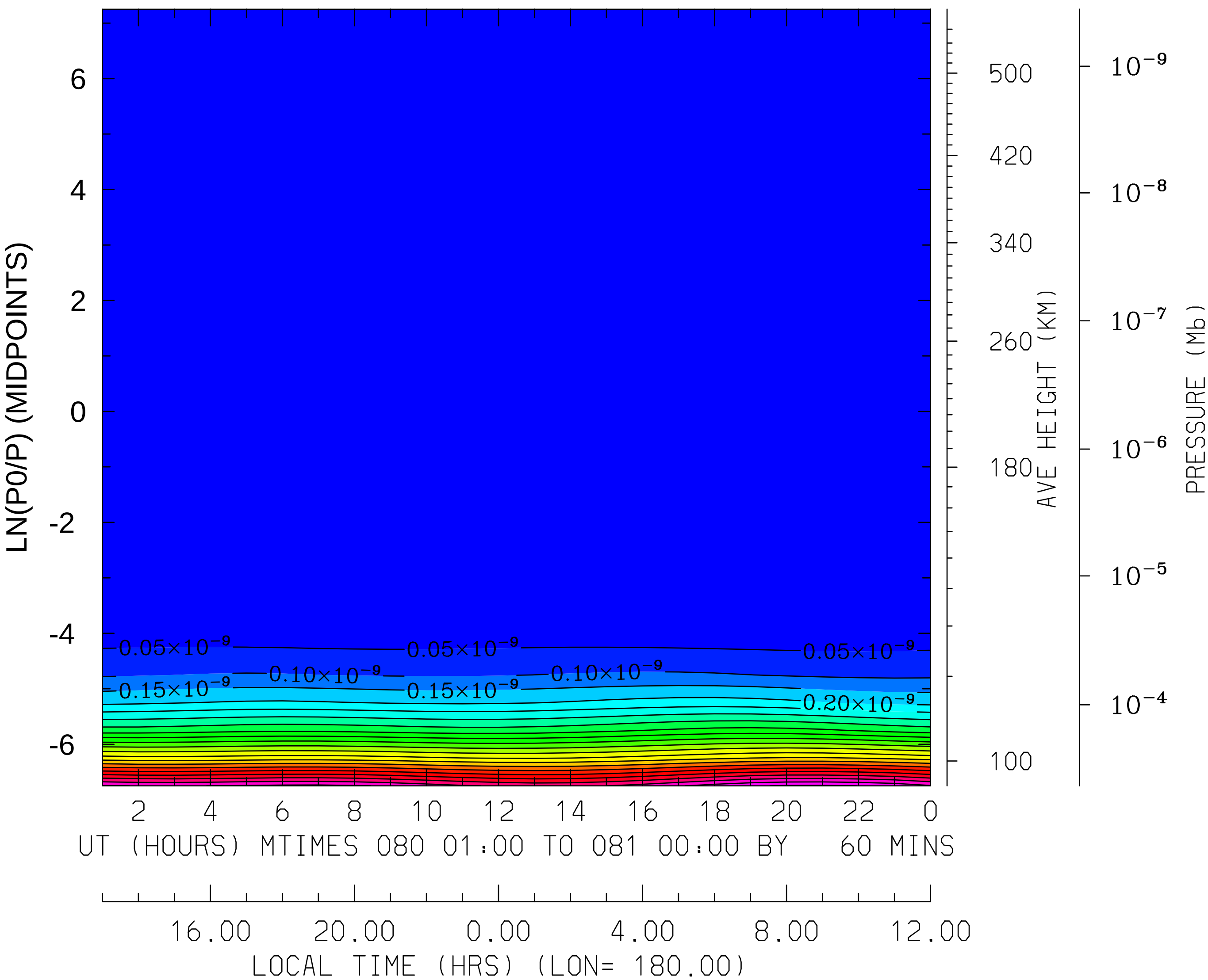
MIN,MAX= 0.0000E+00 1.1242E-05 INTERVAL= 5.0000E-07
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

DEN: Total Density ()
LAT, LON=-62.50, 180.00



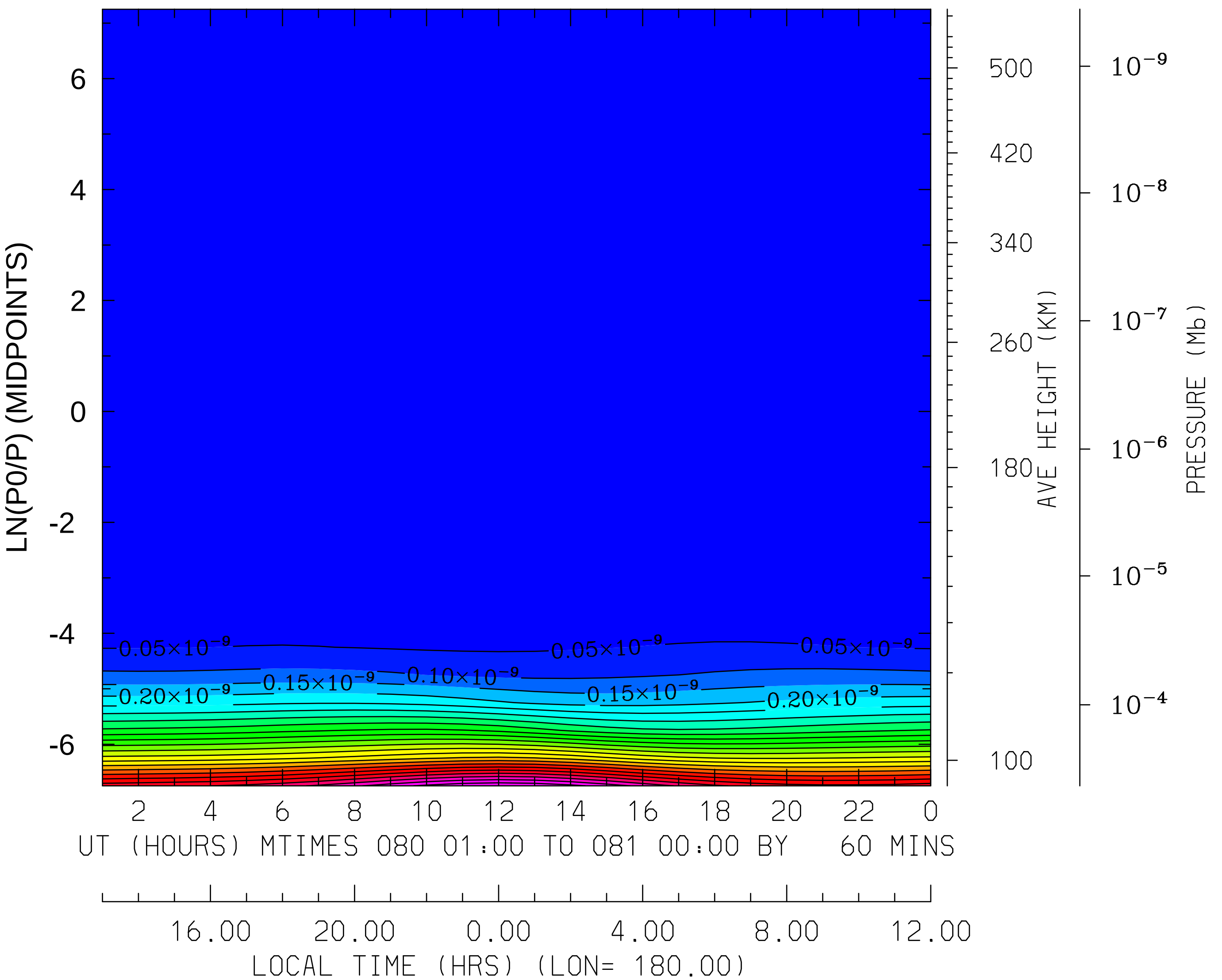
MIN,MAX= 8.1987E-17 1.0572E-09 INTERVAL= 5.0000E-11
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

DEN: Total Density ()
LAT, LON=-42.50, 180.00



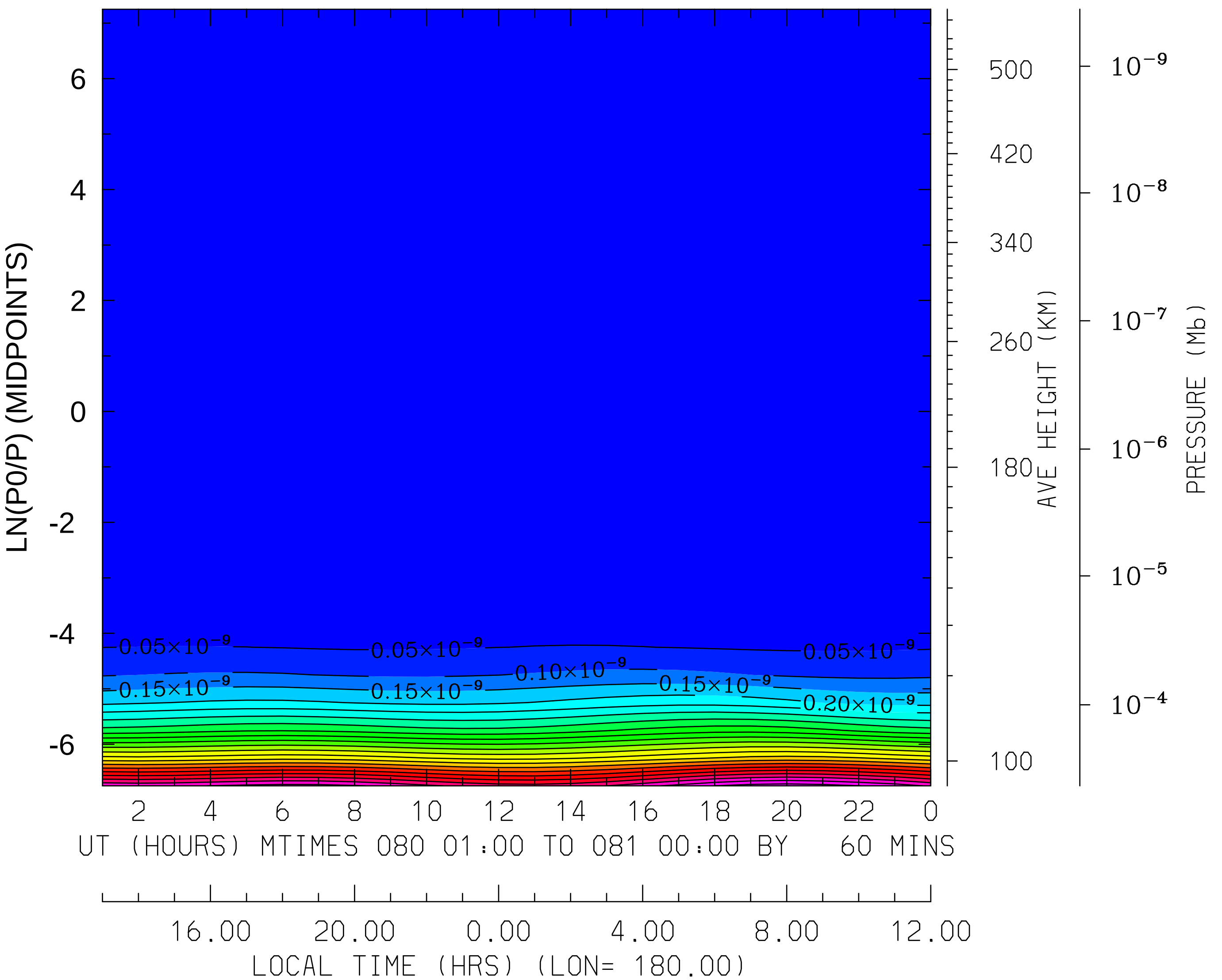
MIN,MAX= 8.2371E-17 1.1077E-09 INTERVAL= 5.0000E-11
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

DEN: Total Density ()
LAT, LON= -2.50, 180.00

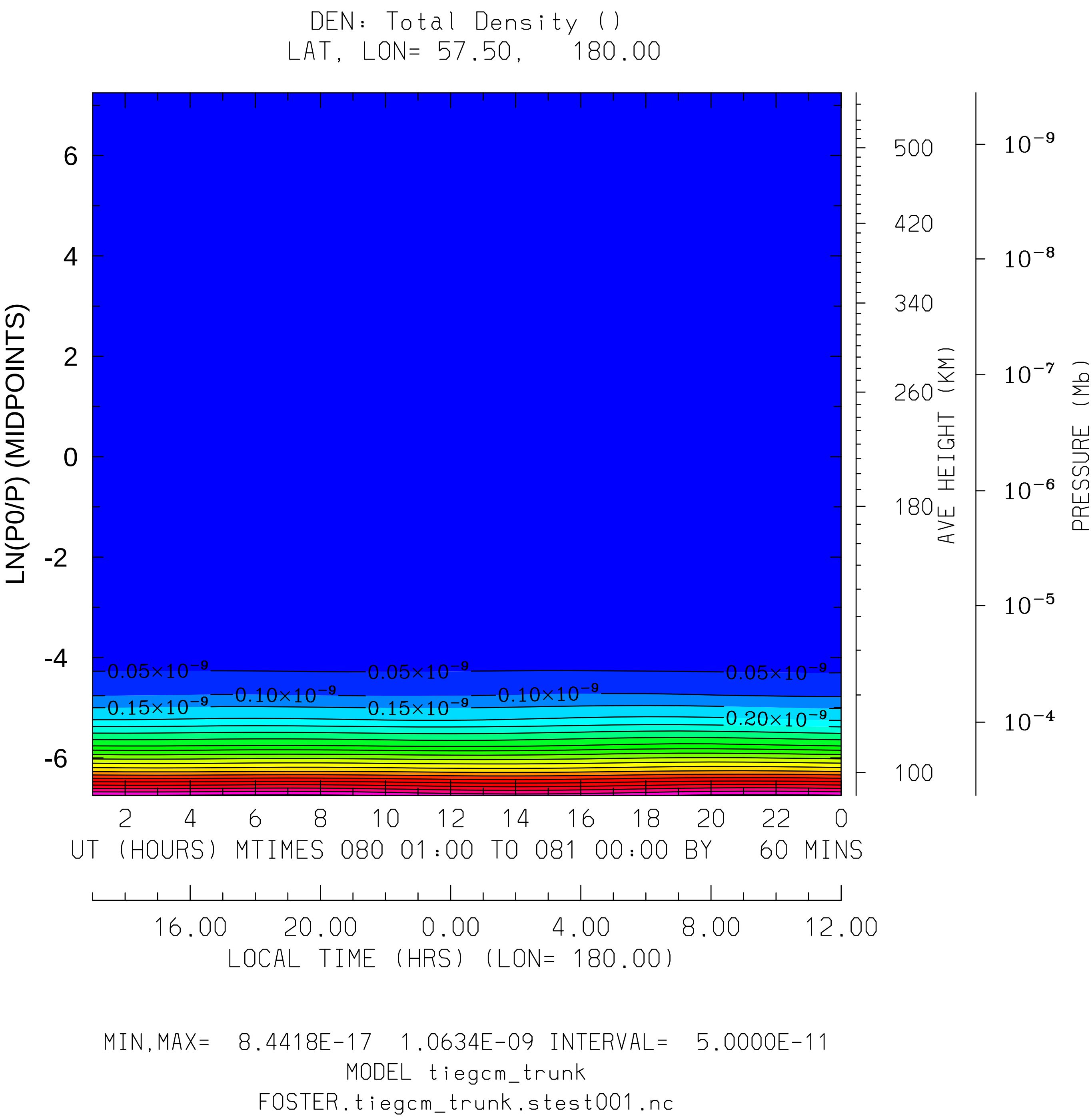


MIN,MAX= 8.4434E-17 1.1985E-09 INTERVAL= 5.0000E-11
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

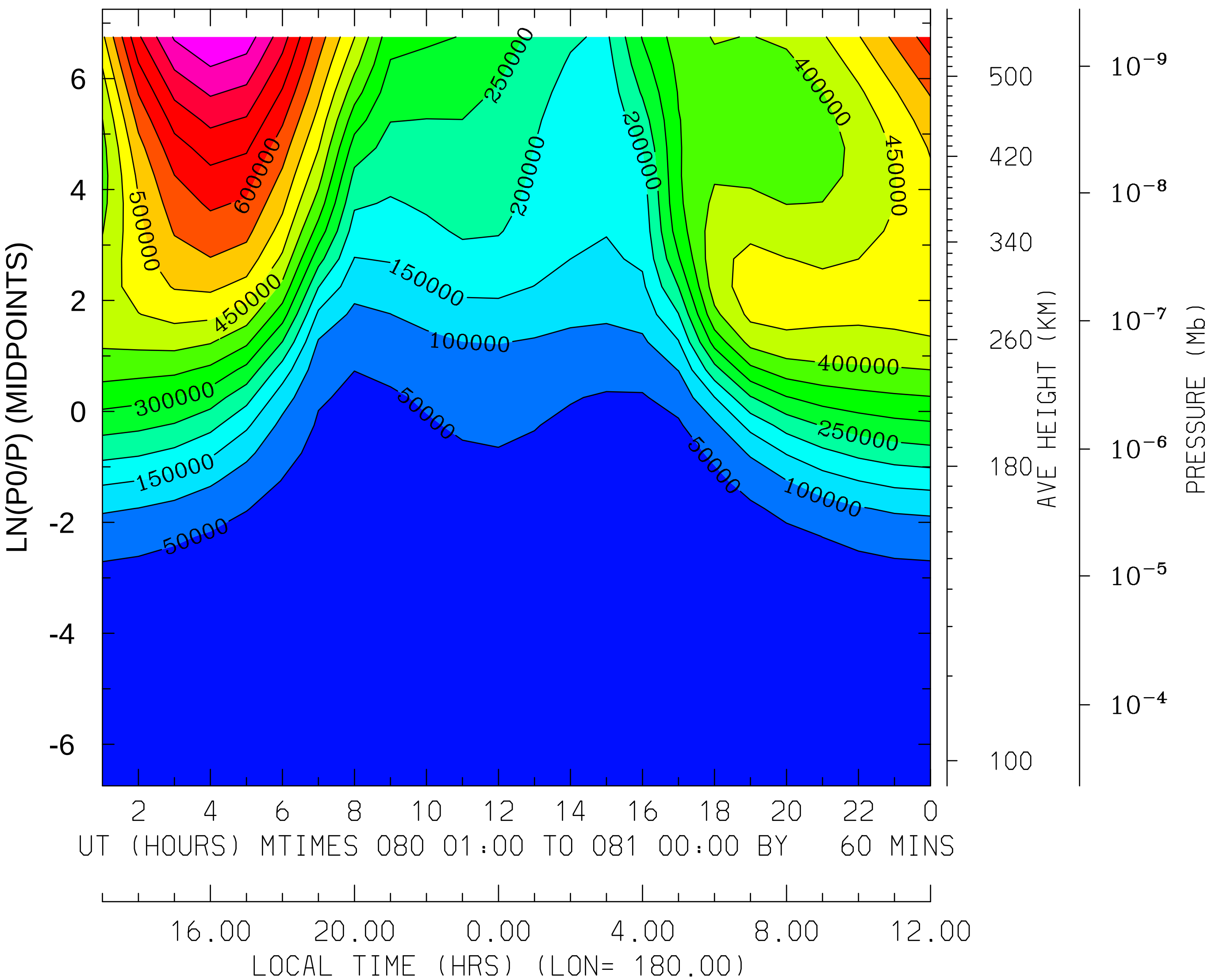
DEN: Total Density ()
LAT, LON= 37.50, 180.00



MIN,MAX= 8.3429E-17 1.1297E-09 INTERVAL= 5.0000E-11
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

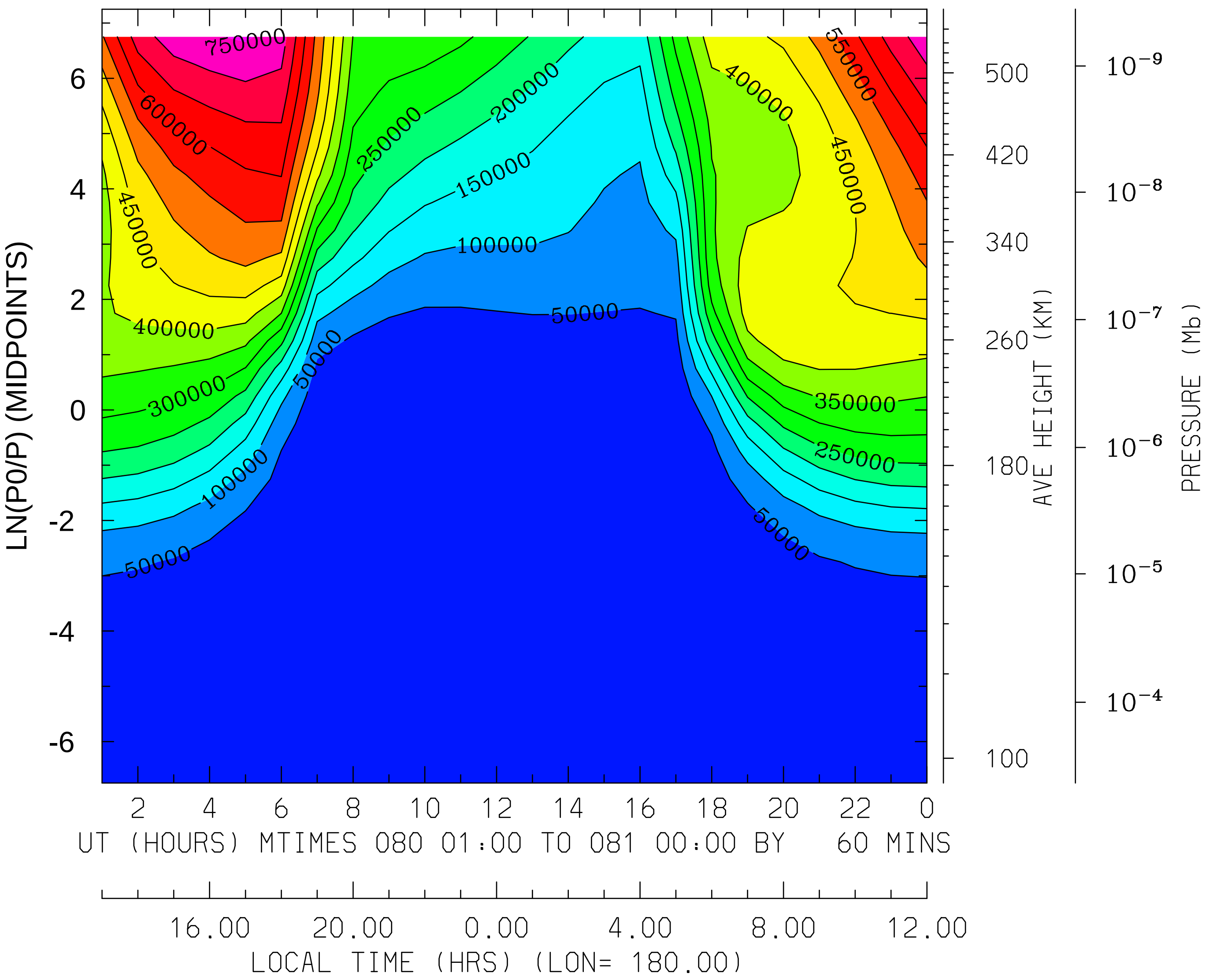

DEN: Total Density ()
LAT, LON= 57.50, 180.00
LN(P0/P) (MIDPOINTS)
6
4
2
0
-2
-4
-6
0.05×10⁻⁹
0.10×10⁻⁹
0.15×10⁻⁹
0.20×10⁻⁹
500
420
340
260
180
100
AVE HEIGHT (KM)
10⁻⁹
10⁻⁸
10⁻⁷
10⁻⁶
10⁻⁵
10⁻⁴
PRESSURE (Mb)
2 4 6 8 10 12 14 16 18 20 22 0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00 20.00 0.00 4.00 8.00 12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 8.4418E-17 1.0634E-09 INTERVAL= 5.0000E-11
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

HEATING: Total Heating ()
LAT, LON=-62.50, 180.00



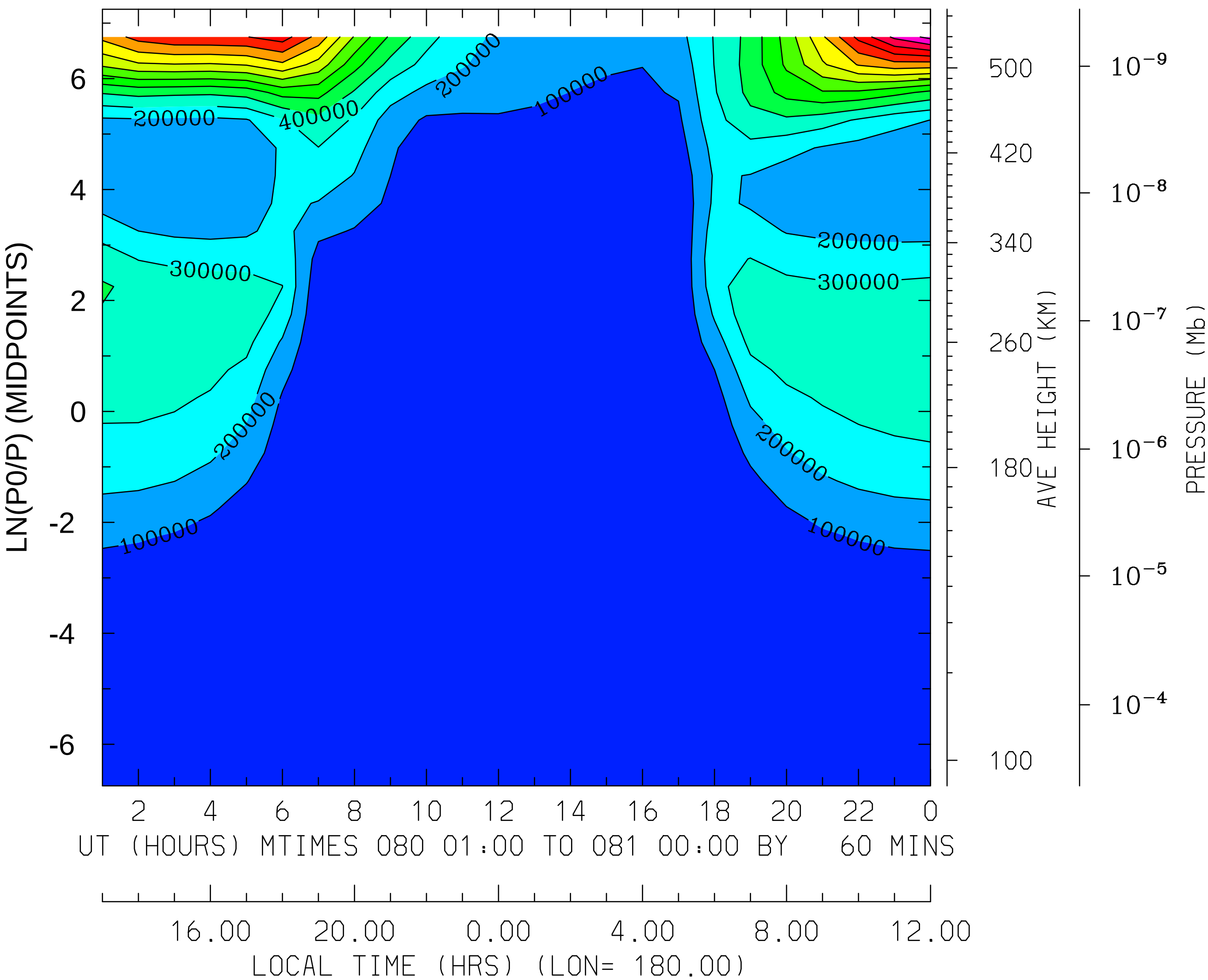
MIN,MAX= 4.7359E+01 8.5000E+05 INTERVAL= 5.0000E+04
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

HEATING: Total Heating ()
LAT, LON=-42.50, 180.00

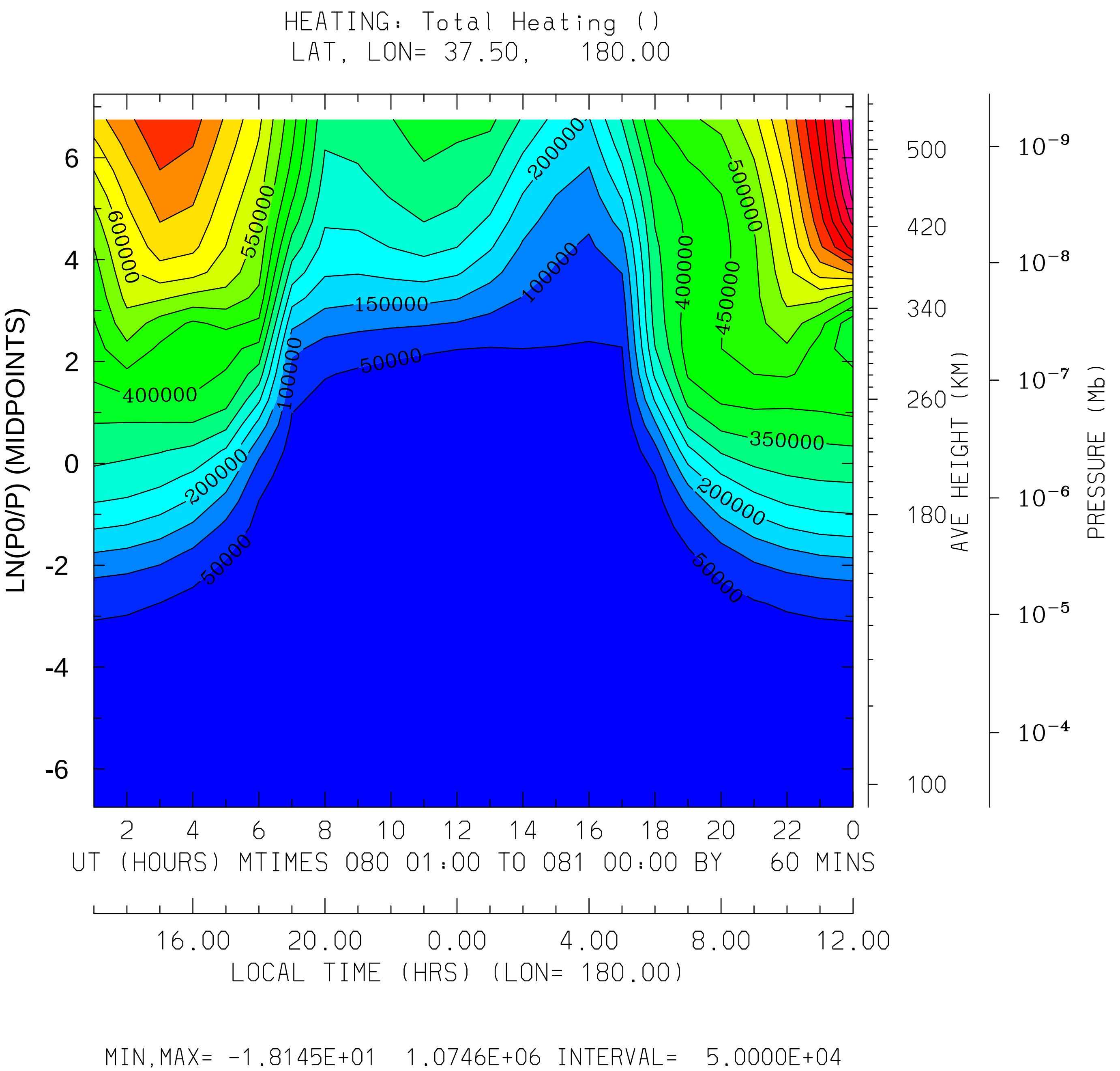


MIN,MAX= 7.1685E+00 7.5637E+05 INTERVAL= 5.0000E+04
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

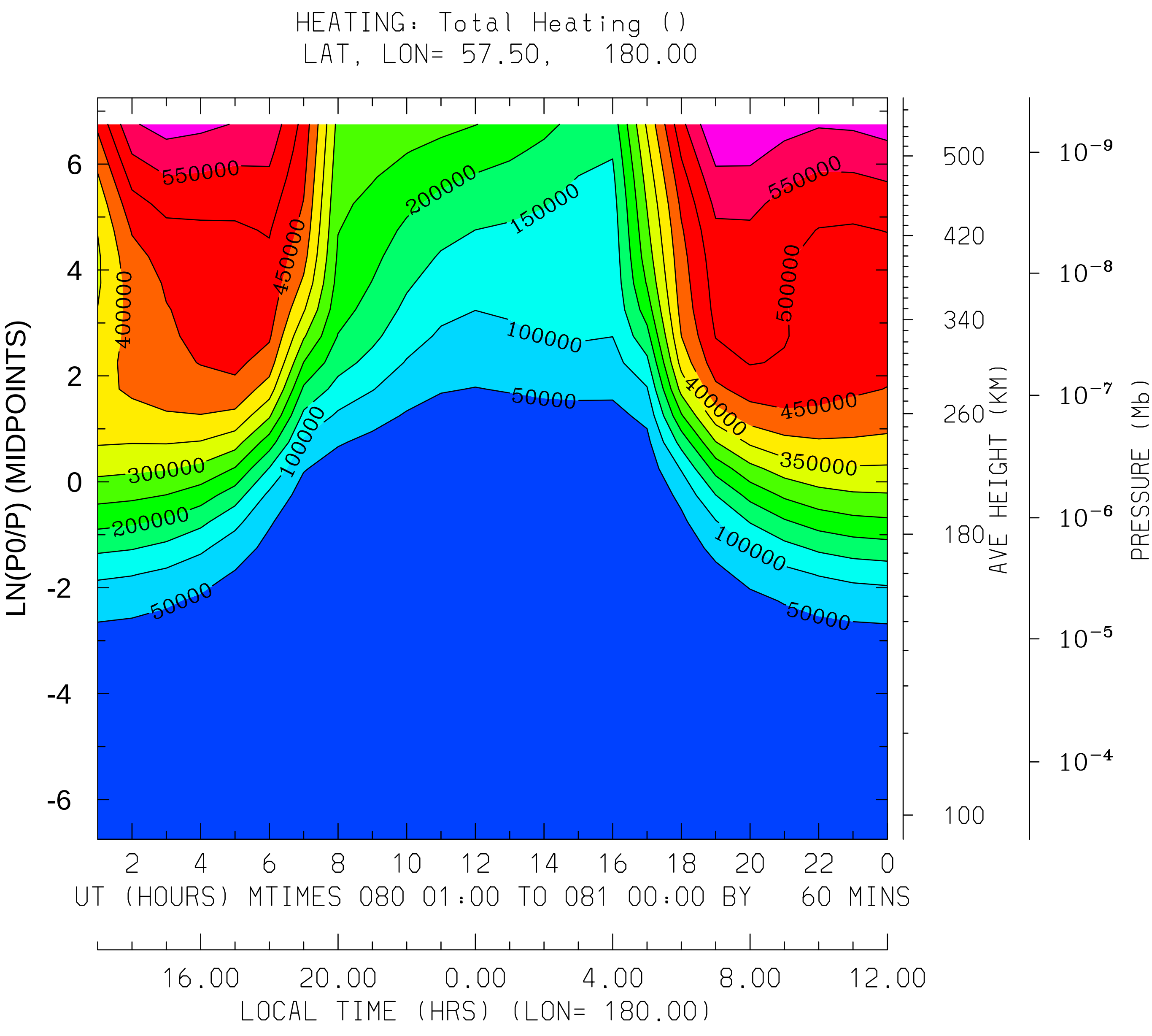
HEATING: Total Heating ()
LAT, LON= -2.50, 180.00



MIN,MAX= -1.4067E+02 1.4311E+06 INTERVAL= 1.0000E+05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

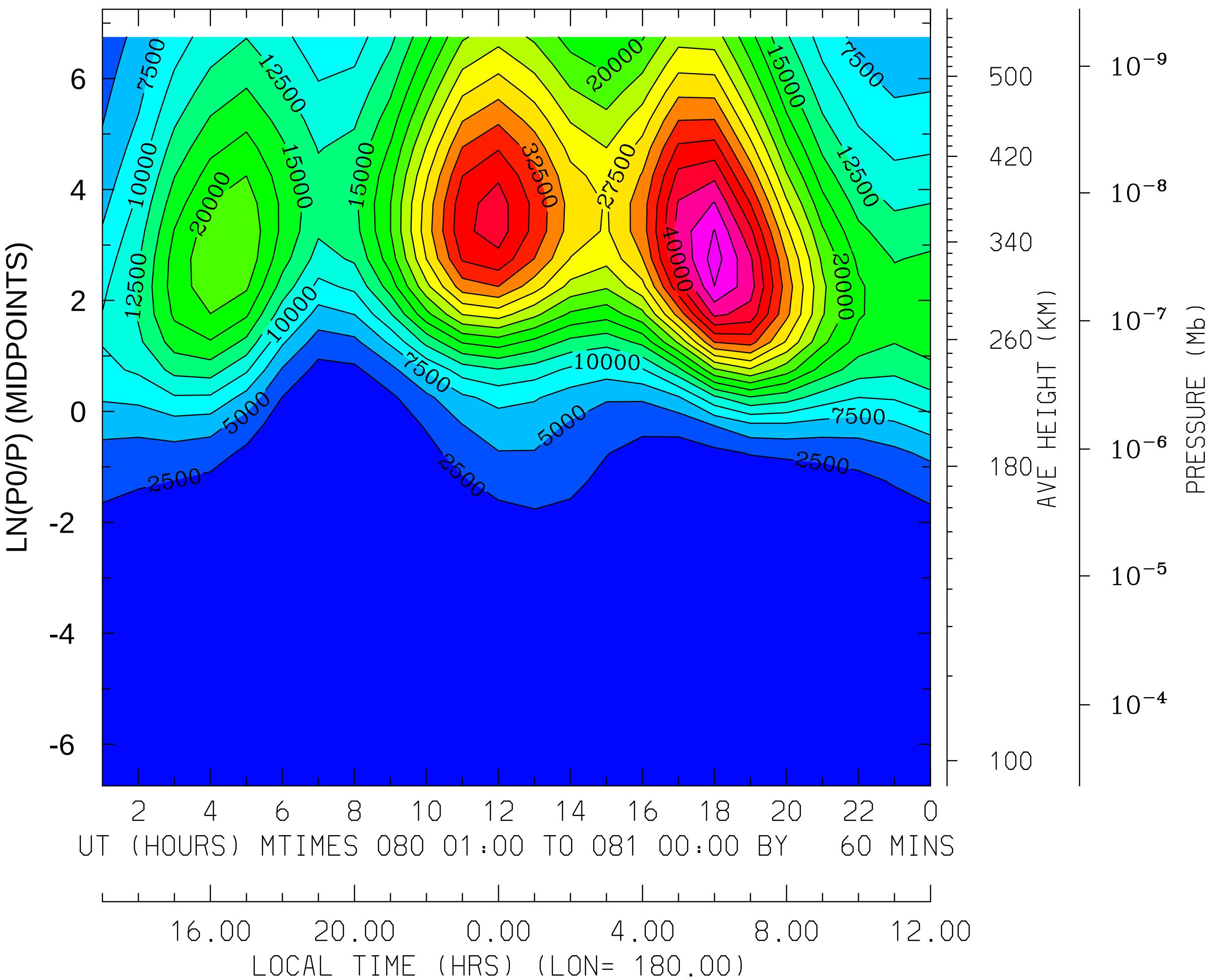


MIN,MAX= -1.8145E+01 1.0746E+06 INTERVAL= 5.0000E+04
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



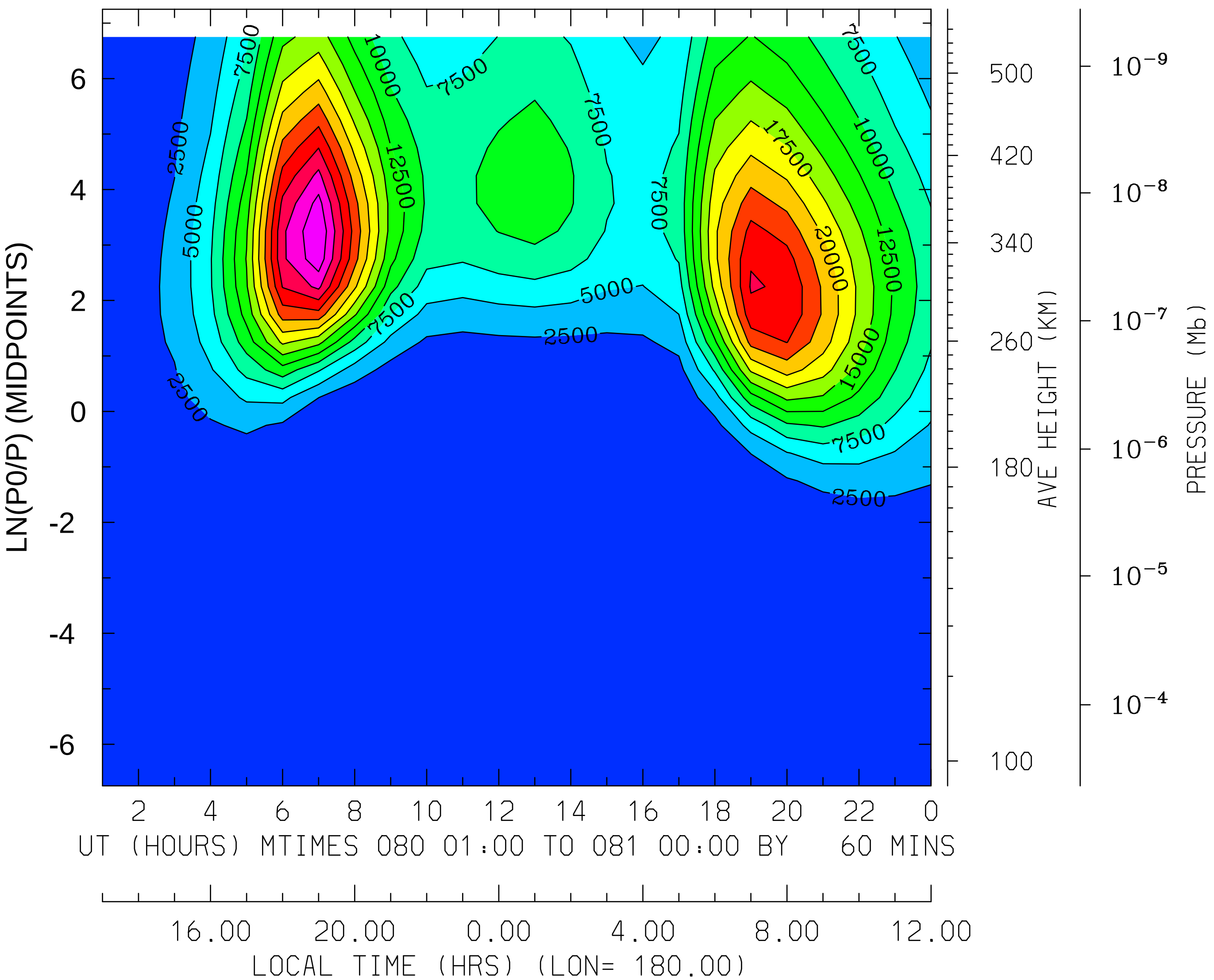
MIN,MAX= 6.0962E+01 6.5047E+05 INTERVAL= 5.0000E+04
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

QJI_TI: Joule Heating from TI (ergs/s/g)
LAT, LON=-62.50, 180.00



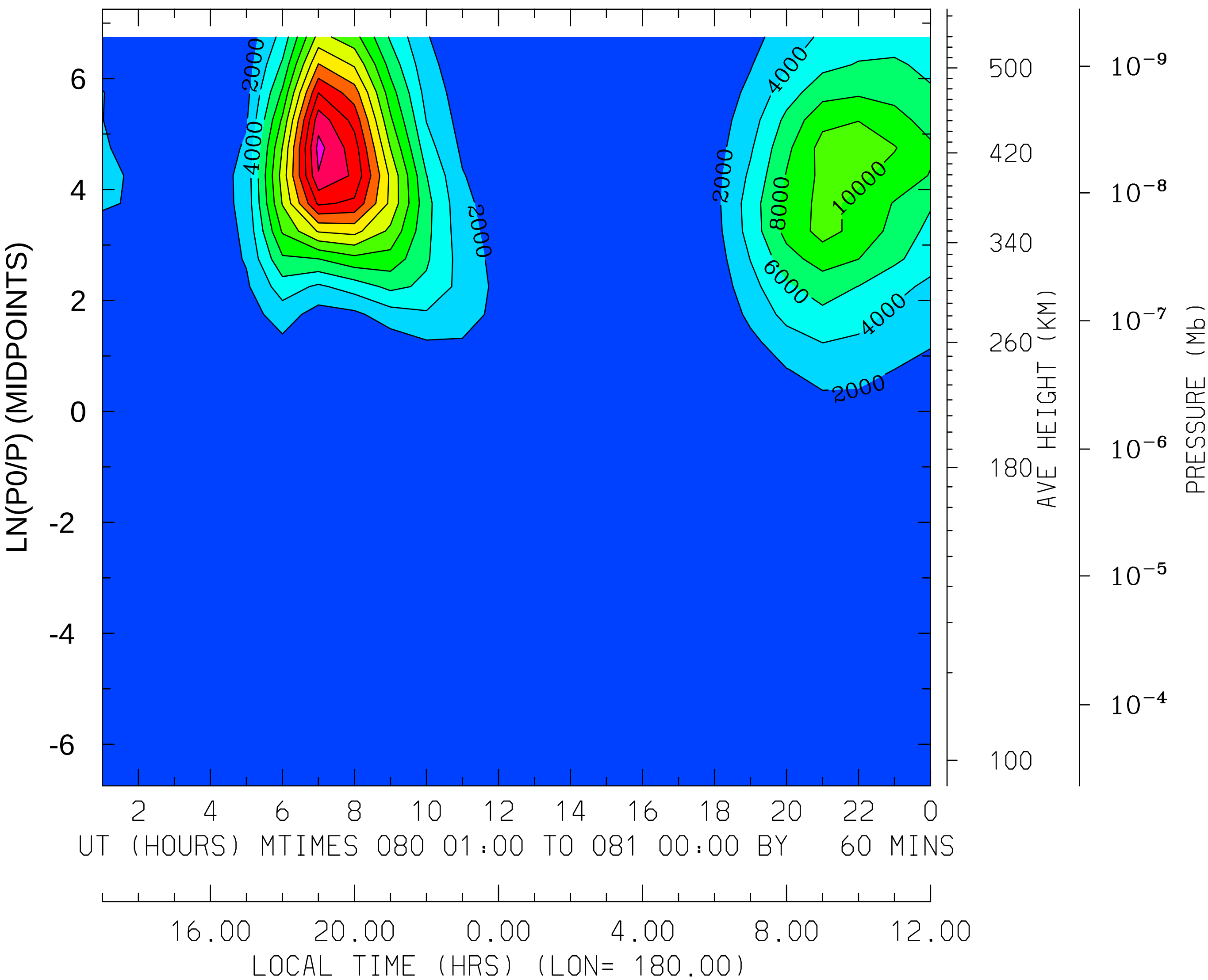
MIN,MAX= 5.6008E-02 4.6205E+04 INTERVAL= 2.5000E+03
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

QJI_TI: Joule Heating from TI (ergs/s/g)
LAT, LON=-42.50, 180.00

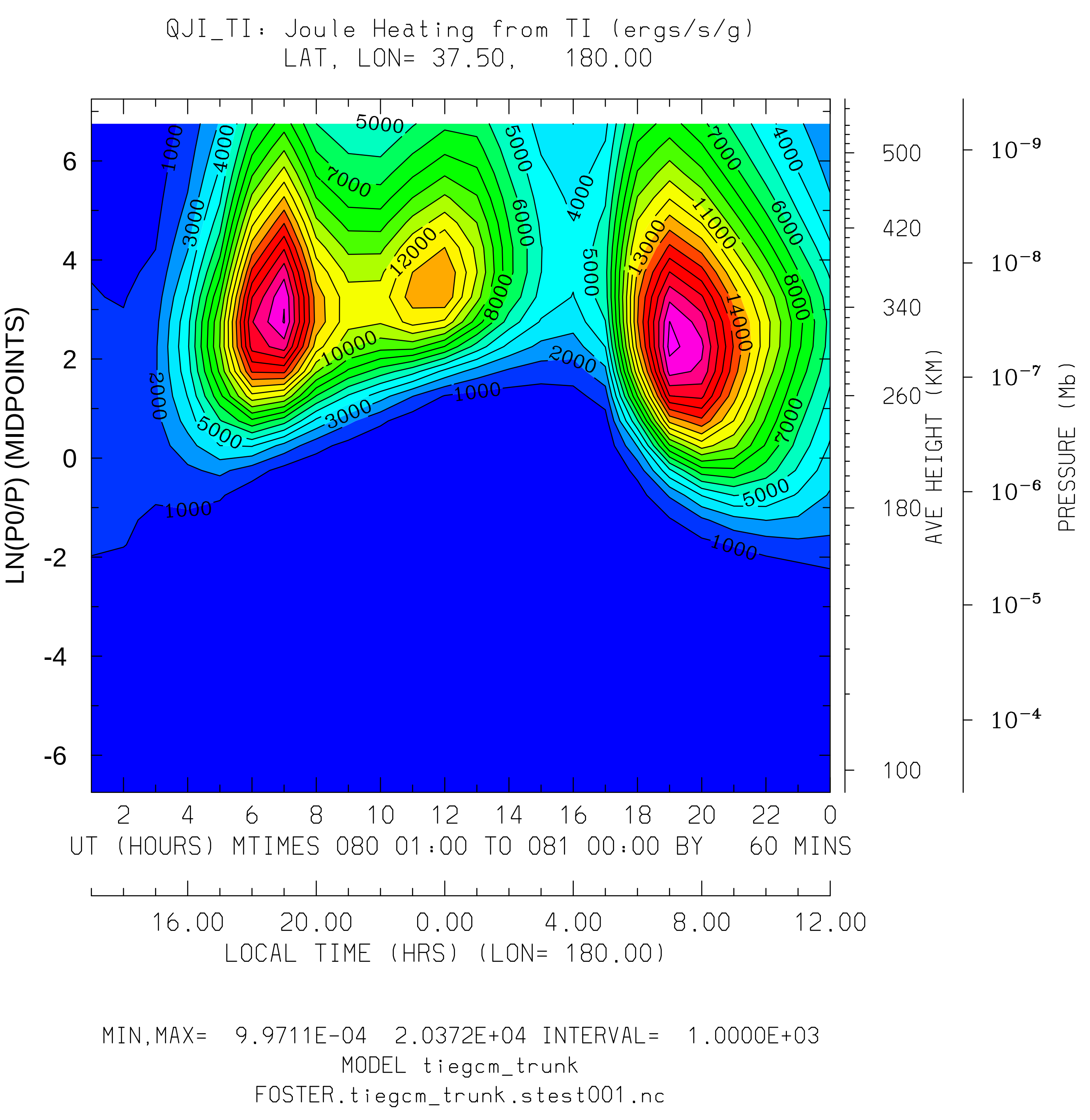


MIN,MAX= 1.7100E-03 3.4821E+04 INTERVAL= 2.5000E+03
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

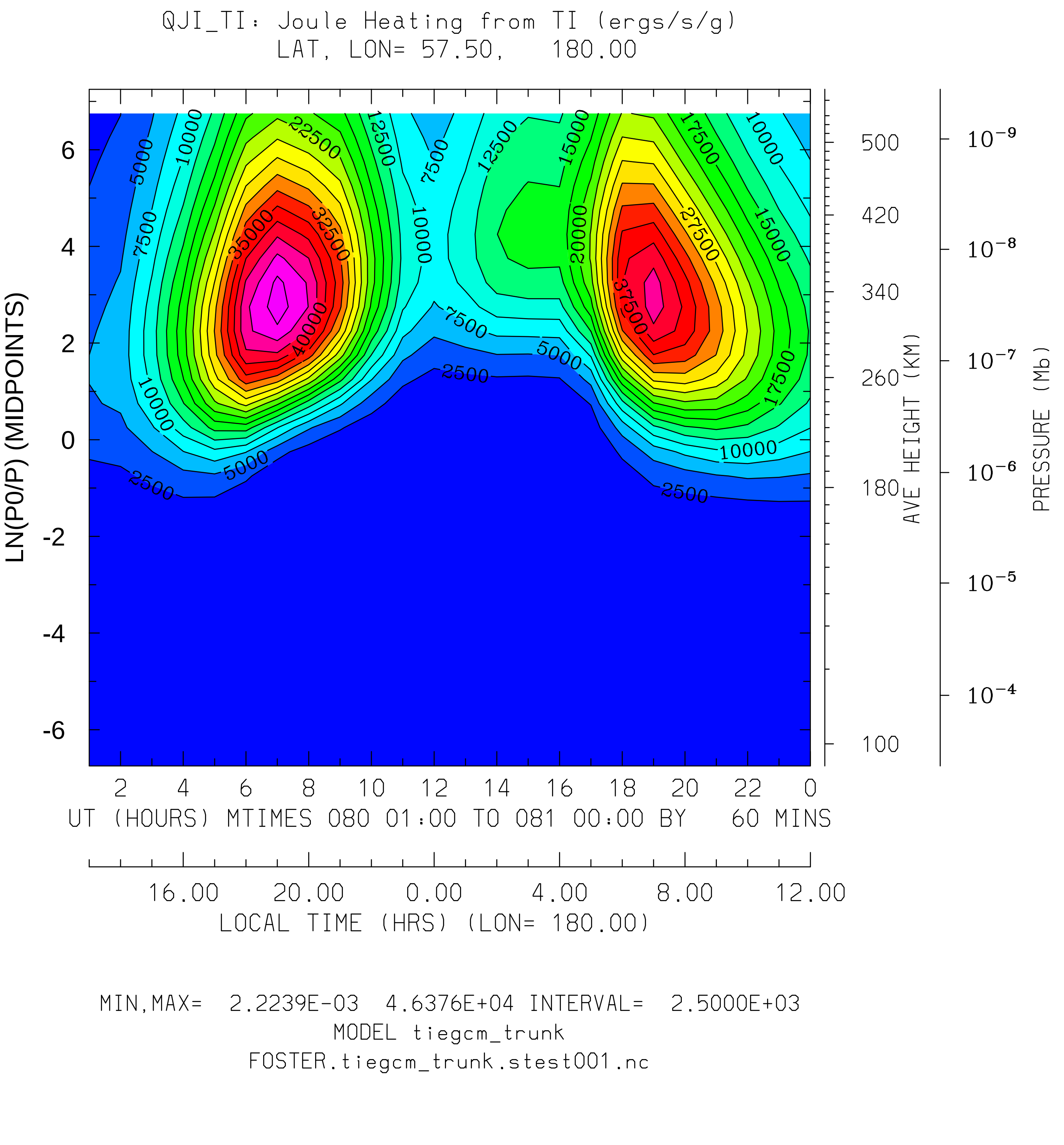
QJI_TI: Joule Heating from TI (ergs/s/g)
LAT, LON= -2.50, 180.00



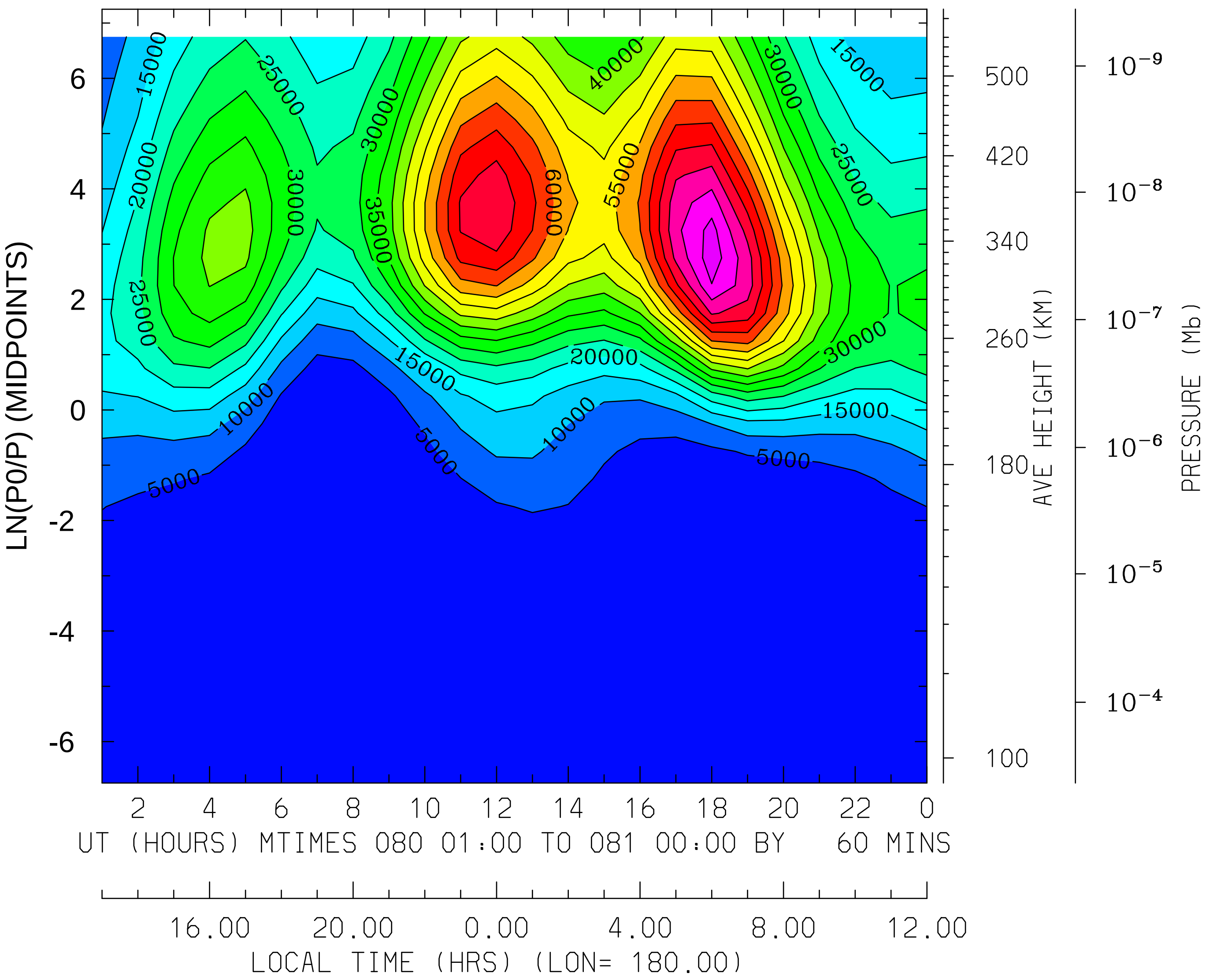
MIN,MAX= 1.3791E-03 2.4646E+04 INTERVAL= 2.0000E+03
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



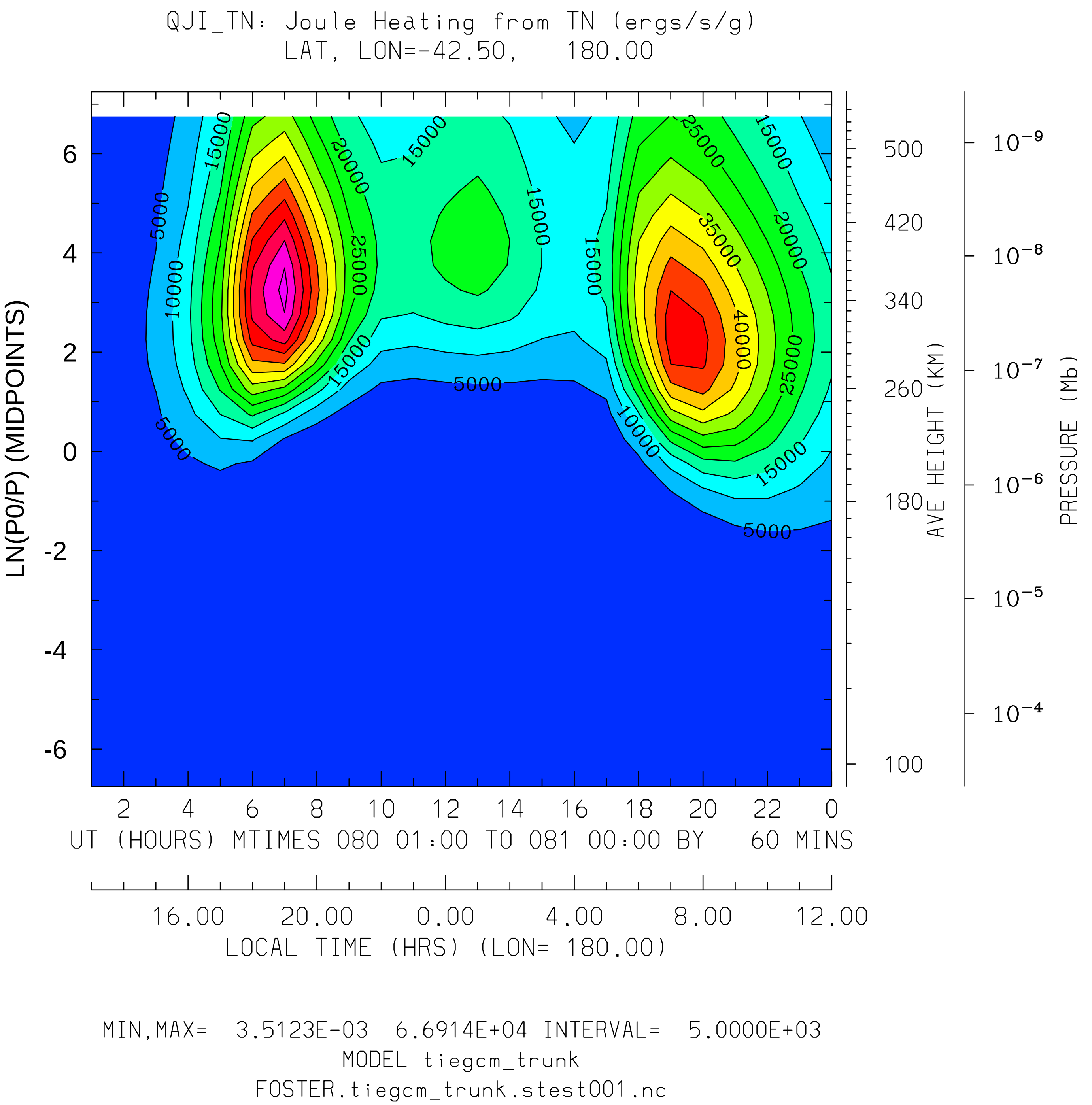
QJI_TI: Joule Heating from TI (ergs/s/g)
LAT, LON= 37.50, 180.00
LN(P0/P) (MIDPOINTS)
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
LOCAL TIME (HRS) (LON= 180.00)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 9.9711E-04 2.0372E+04 INTERVAL= 1.0000E+03
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc


QJI_TI: Joule Heating from TI (ergs/s/g)
LAT, LON= 57.50, 180.00
LN(P0/P) (MIDPOINTS)
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
LOCAL TIME (HRS) (LON= 180.00)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 2.2239E-03 4.6376E+04 INTERVAL= 2.5000E+03
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

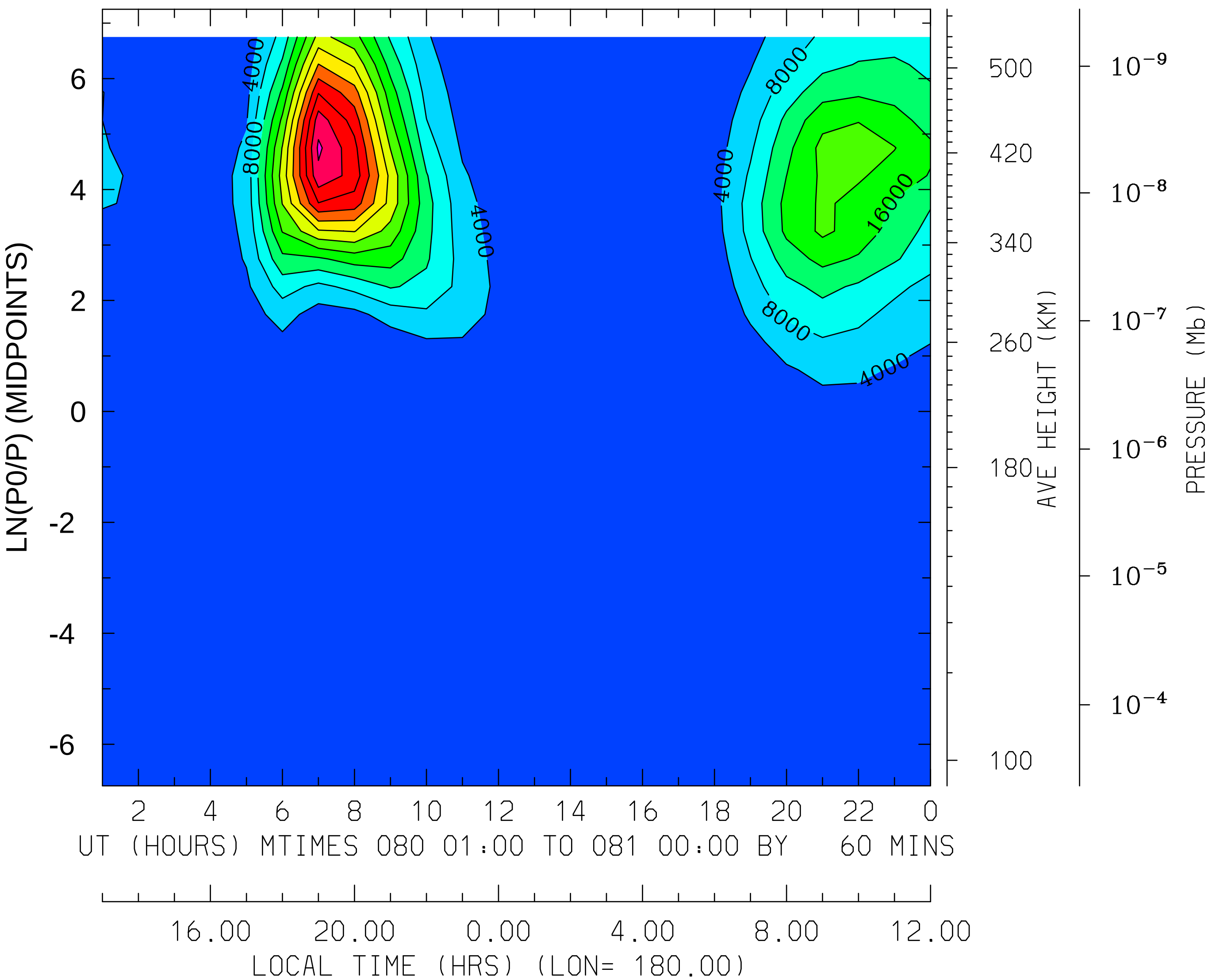
QJI_TN: Joule Heating from TN (ergs/s/g)
LAT, LON=-62.50, 180.00



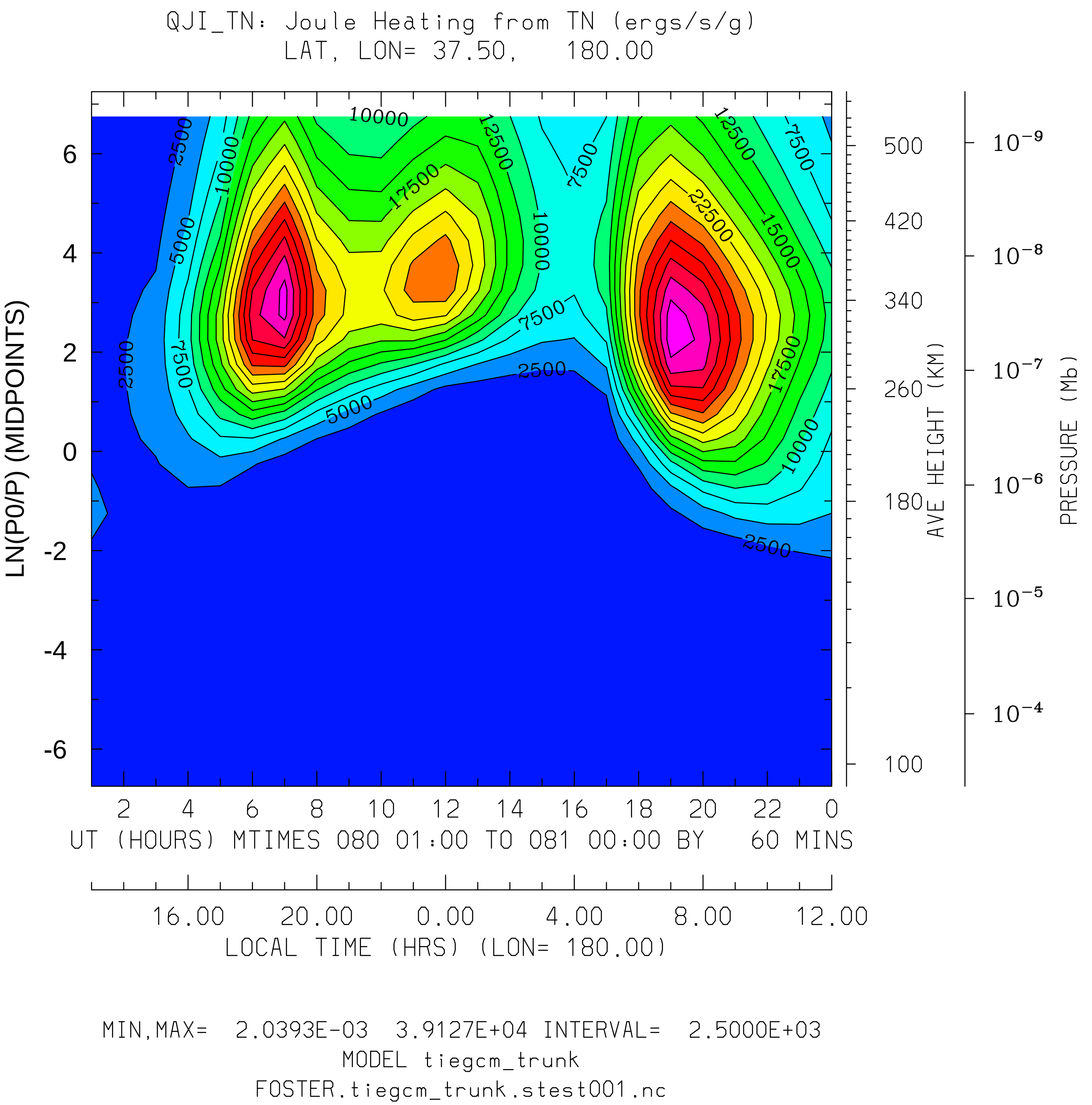
MIN,MAX= 1.1489E-01 8.8035E+04 INTERVAL= 5.0000E+03
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc


QJI_TN: Joule Heating from TN (ergs/s/g)
LAT, LON=-42.50, 180.00
LN(P0/P) (MIDPOINTS)
AVE HEIGHT (KM)
PRESSURE (Mb)
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 3.5123E-03 6.6914E+04 INTERVAL= 5.0000E+03
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

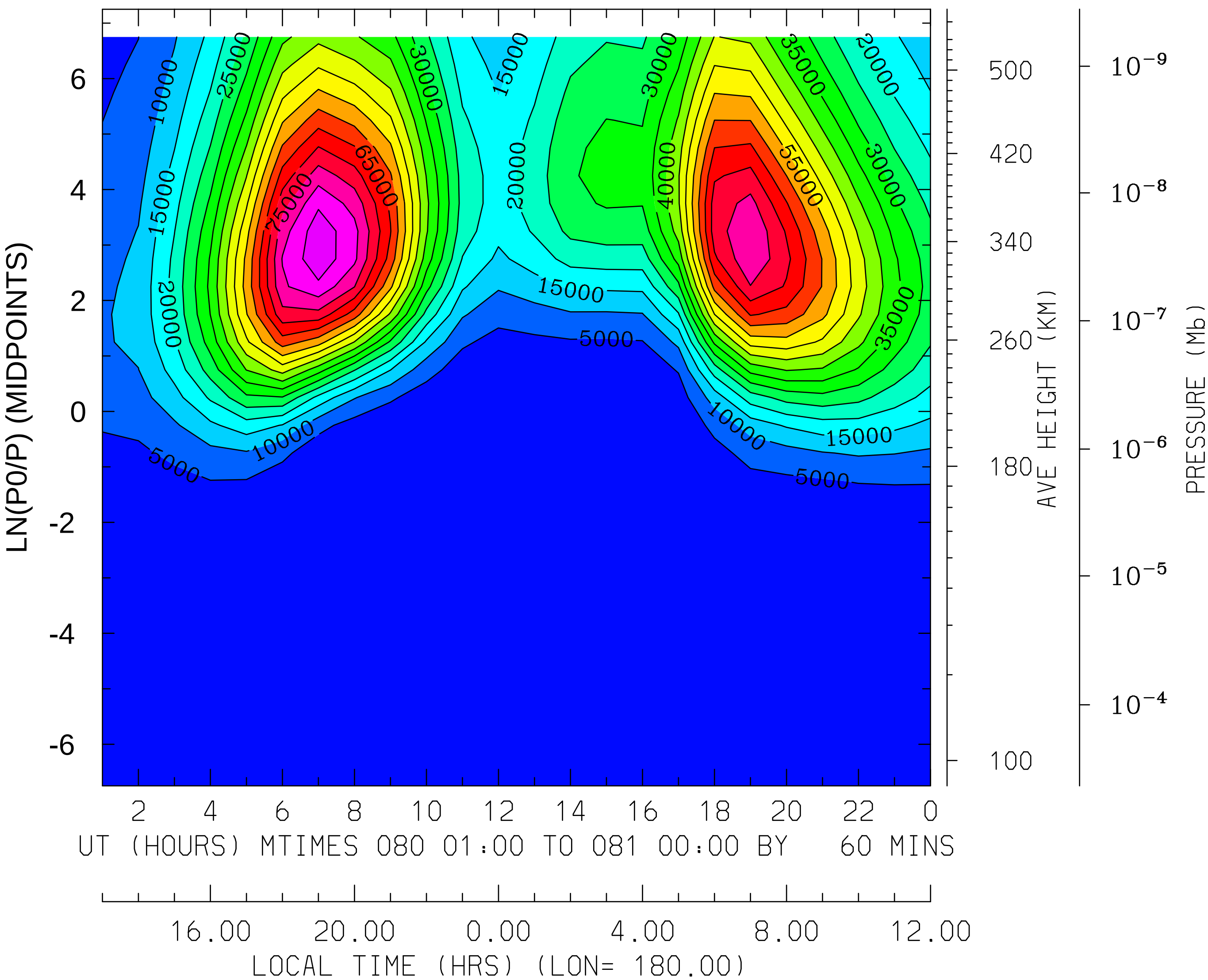
QJI_TN: Joule Heating from TN (ergs/s/g)
LAT, LON= -2.50, 180.00



MIN,MAX= 2.8754E-03 4.8799E+04 INTERVAL= 4.0000E+03
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

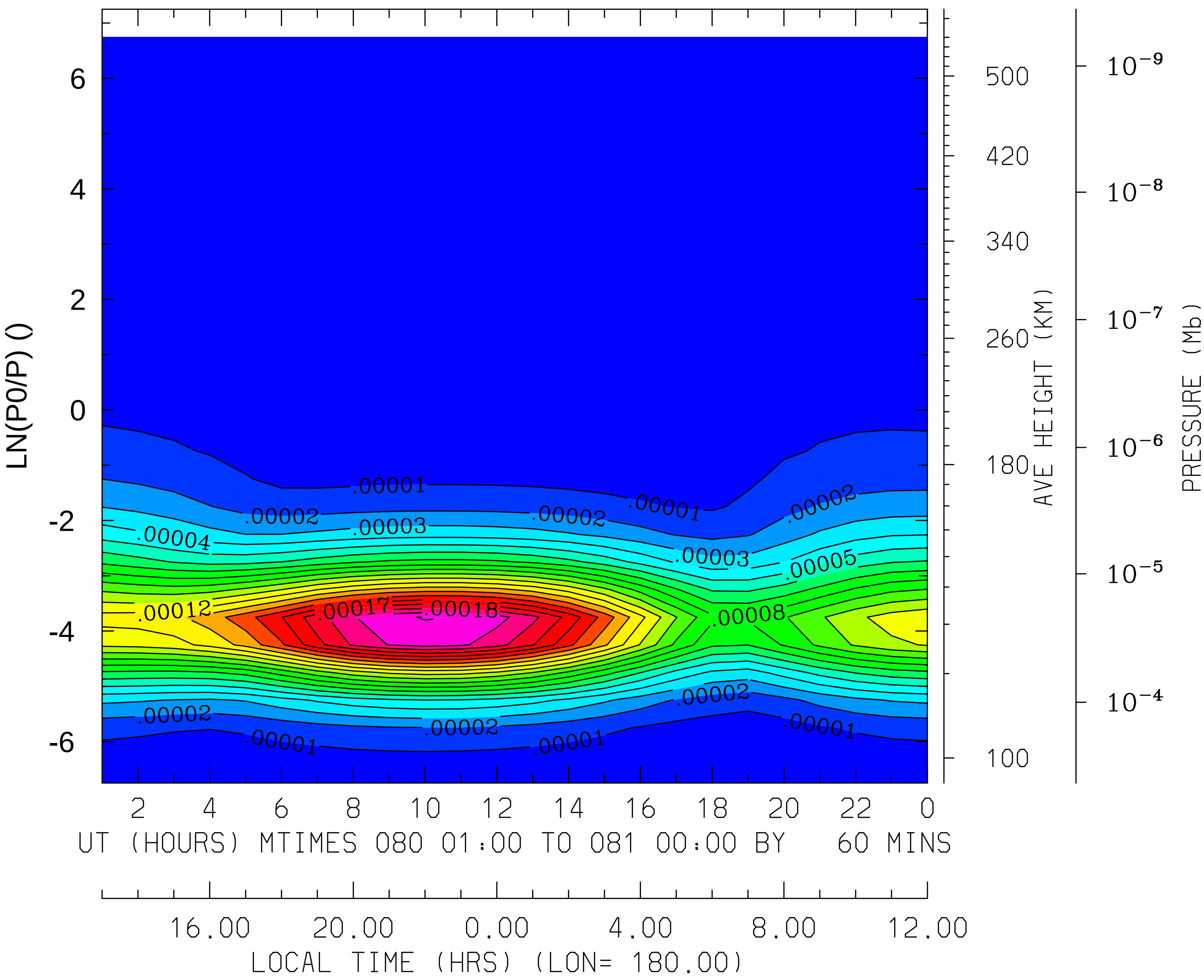

QJI_TN: Joule Heating from TN (ergs/s/g)
LAT, LON= 37.50, 180.00
LN(P0/P) (MIDPOINTS)
6
4
2
0
-2
-4
-6
2500
5000
7500
10000
12500
15000
17500
22500
500
420
340
260
180
100
AVE HEIGHT (KM)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
PRESSURE (Mb)
2 4 6 8 10 12 14 16 18 20 22 0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00 20.00 0.00 4.00 8.00 12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 2.0393E-03 3.9127E+04 INTERVAL= 2.5000E+03
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

QJI_TN: Joule Heating from TN (ergs/s/g)
LAT, LON= 57.50, 180.00

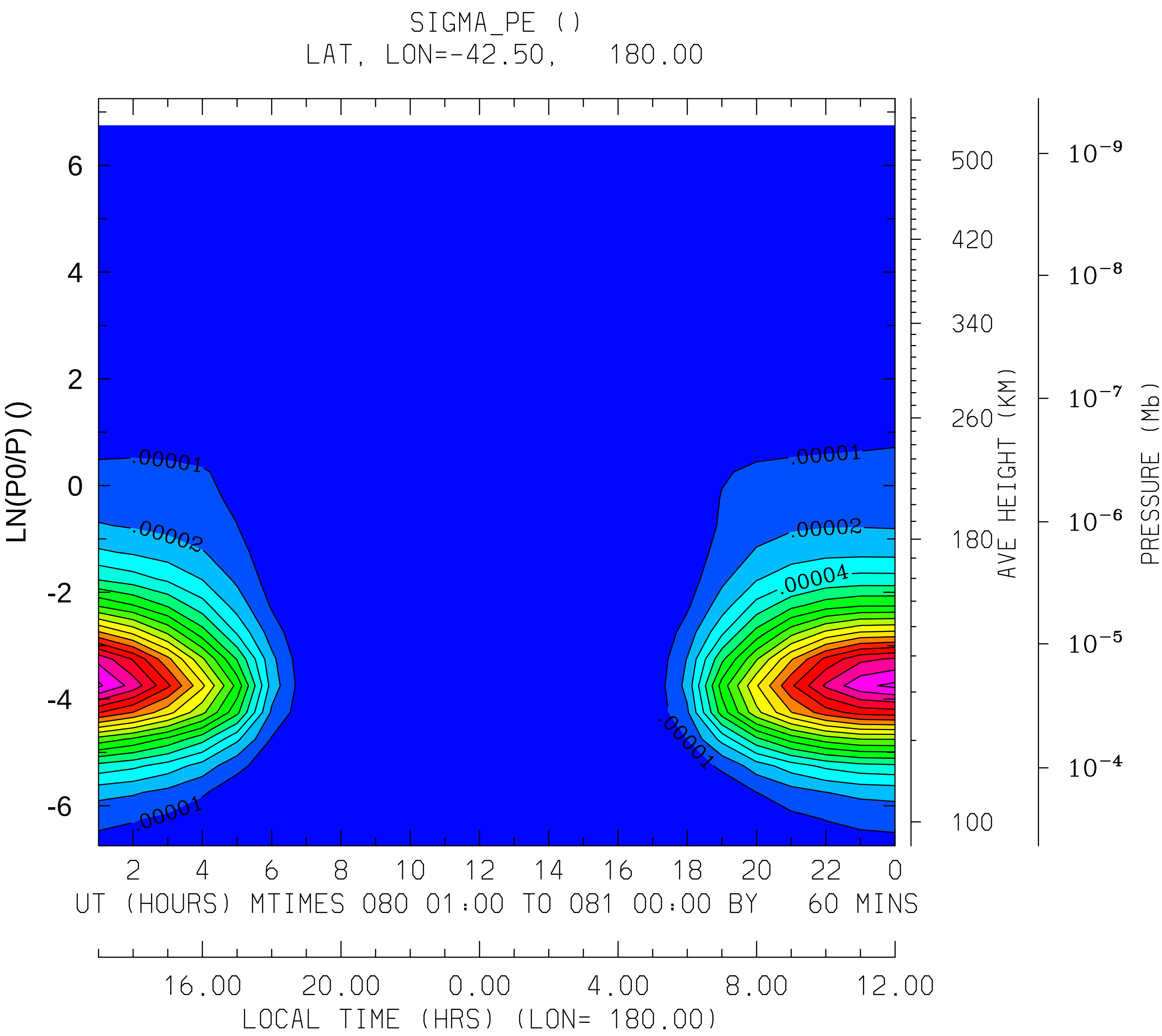


MIN,MAX= 4.5759E-03 8.8606E+04 INTERVAL= 5.0000E+03
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

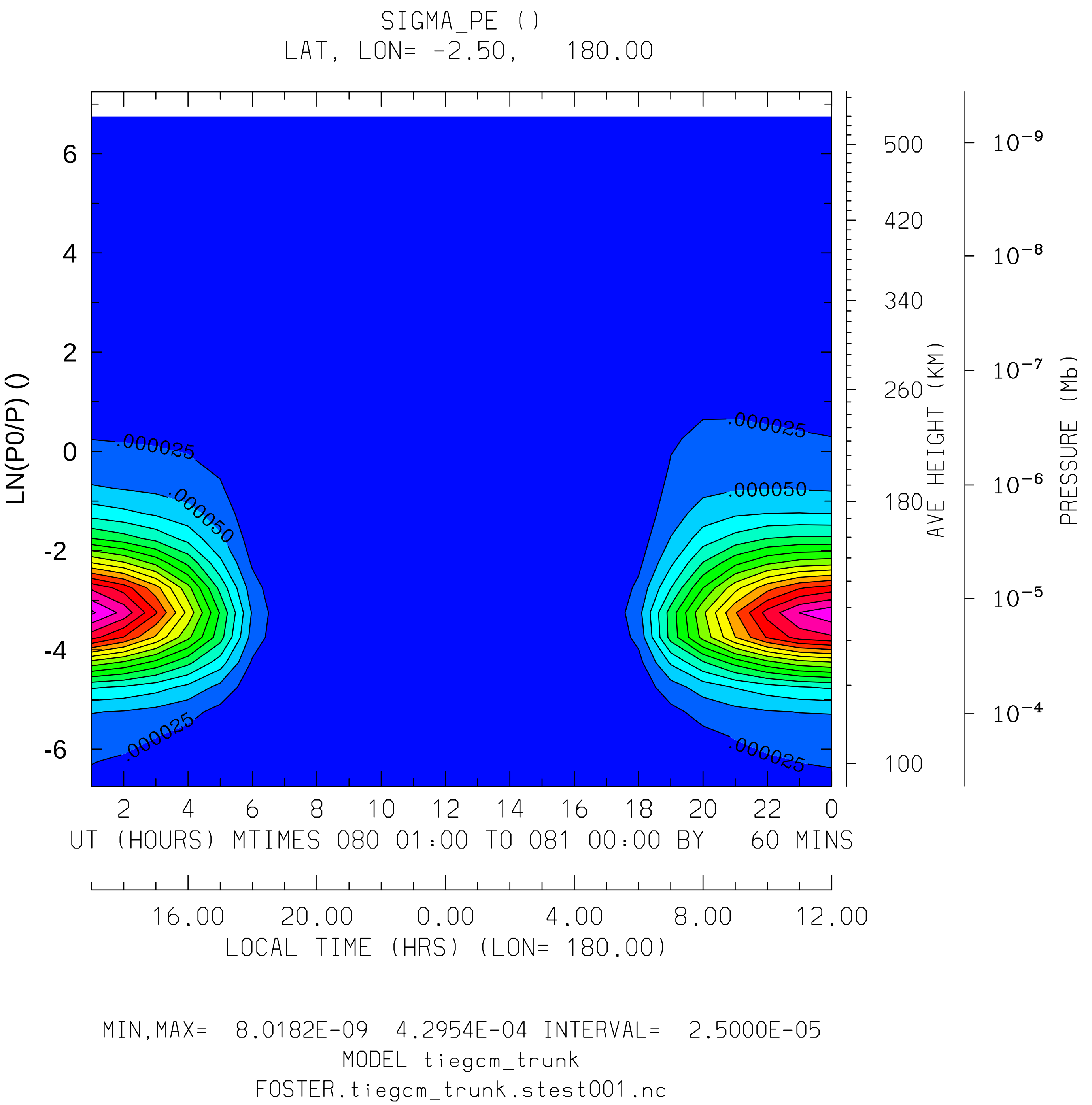
SIGMA_PE ()
LAT, LON=-62.50, 180.00

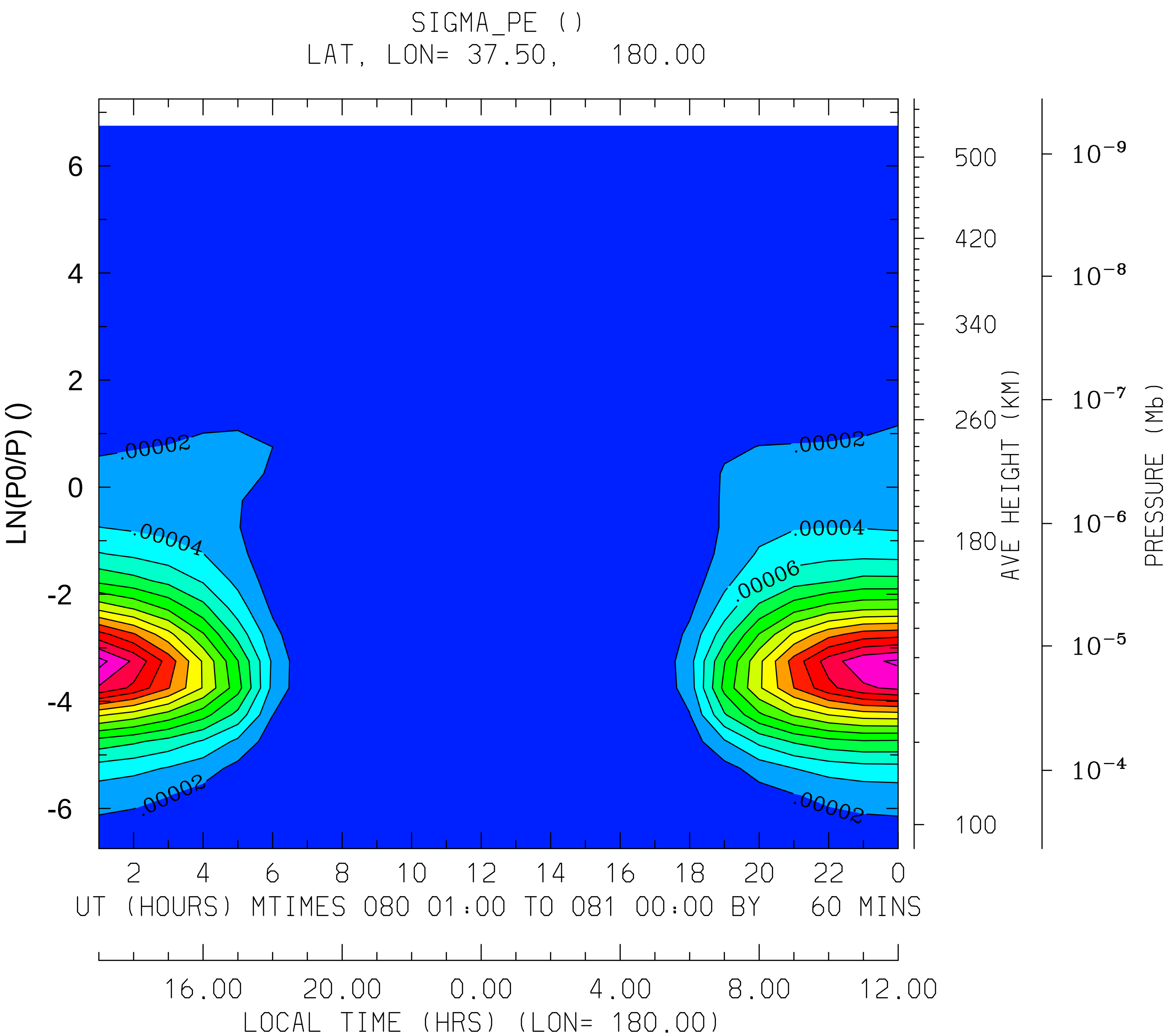


MIN,MAX= 1.9046E-09 2.0075E-04 INTERVAL= 1.0000E-05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

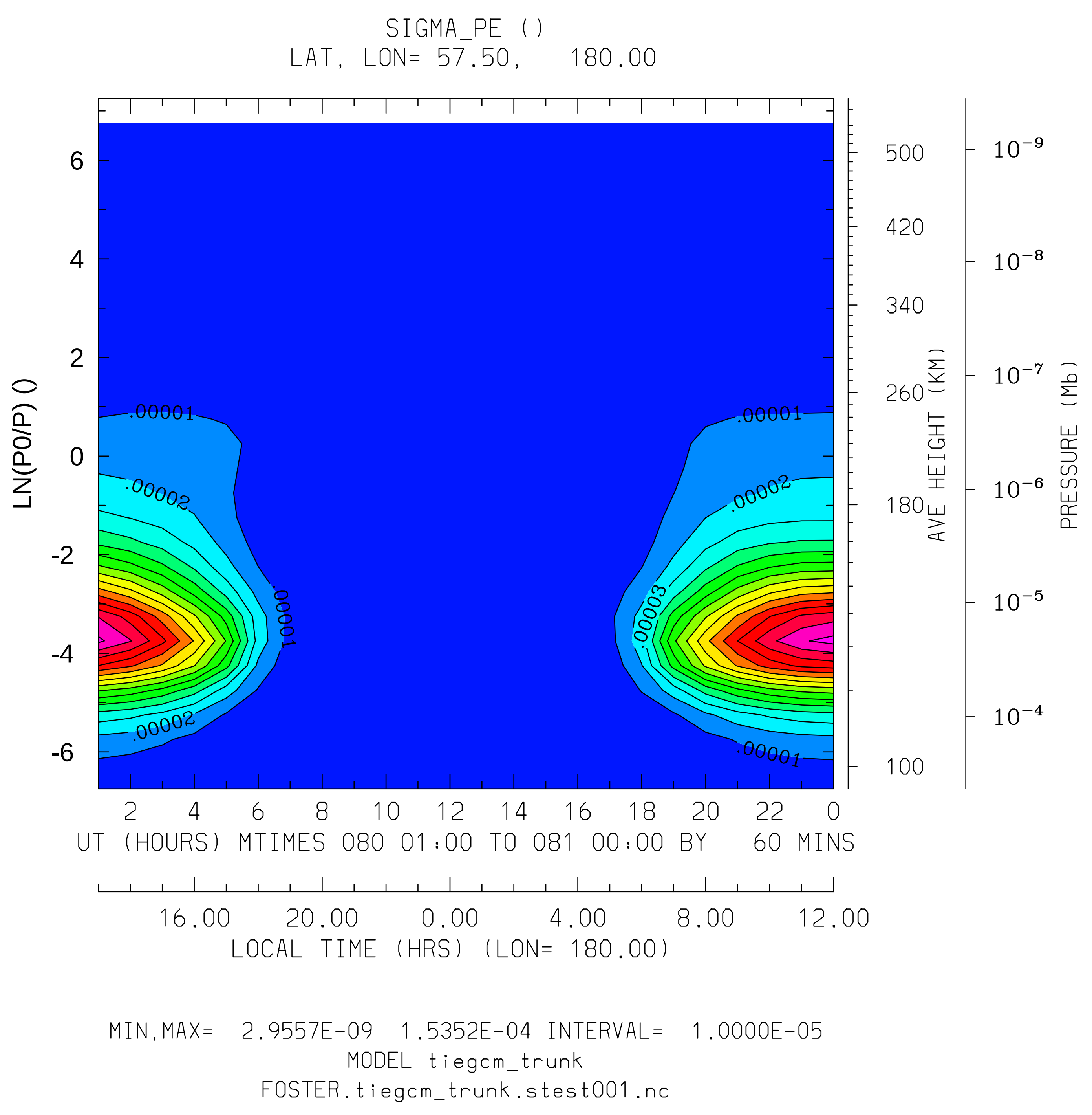


MIN,MAX= 2.7910E-09 1.8259E-04 INTERVAL= 1.0000E-05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

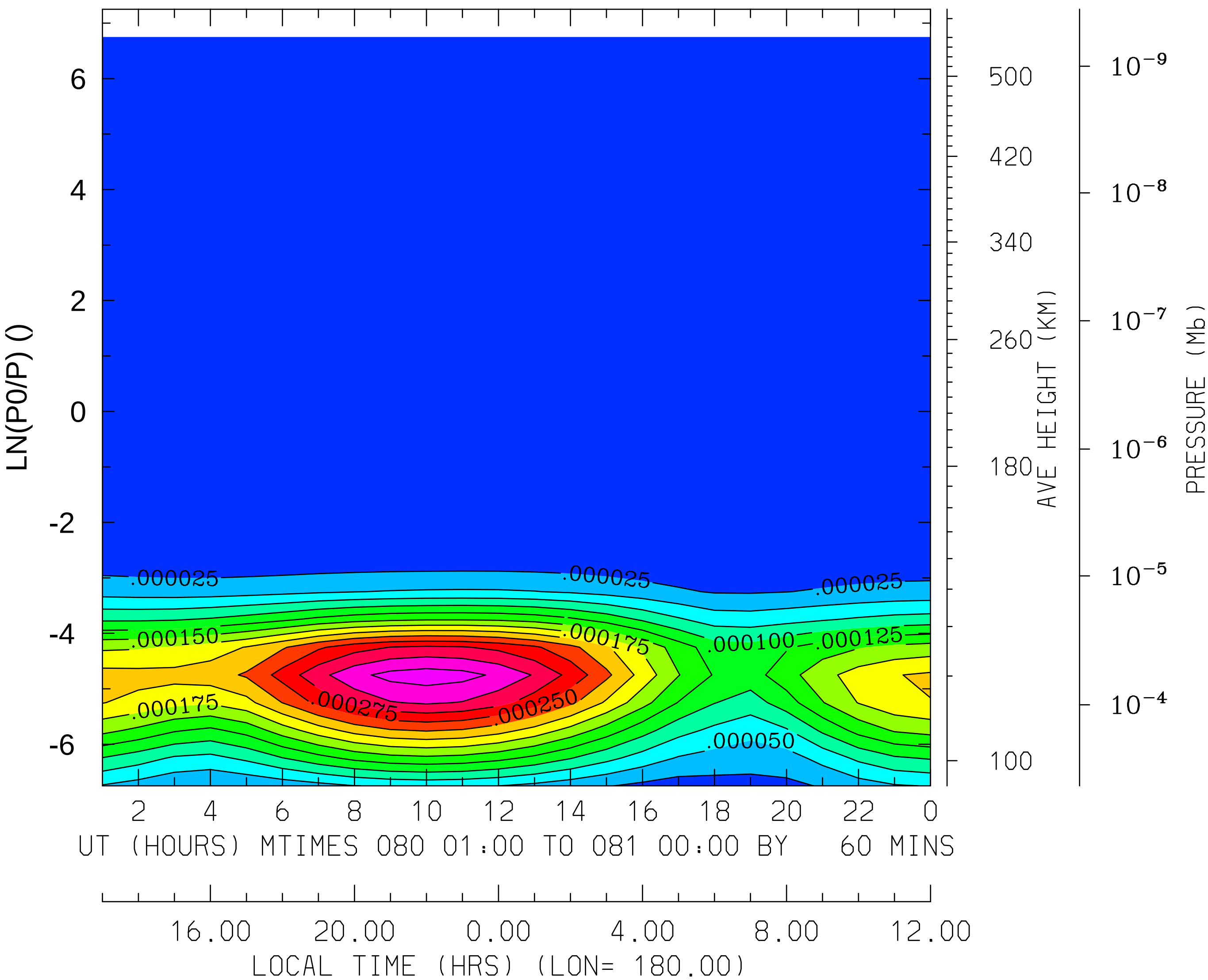

SIGMA_PE ()
LAT, LON= -2.50, 180.00
LN(P0/P) ()
6
4
2
0
-2
-4
-6
.000025
.000050
500
420
340
260
180
100
AVE HEIGHT (KM)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
PRESSURE (Mb)
2 4 6 8 10 12 14 16 18 20 22 0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00 20.00 0.00 4.00 8.00 12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 8.0182E-09 4.2954E-04 INTERVAL= 2.5000E-05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



MIN,MAX= 6.2108E-09 2.8741E-04 INTERVAL= 2.0000E-05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

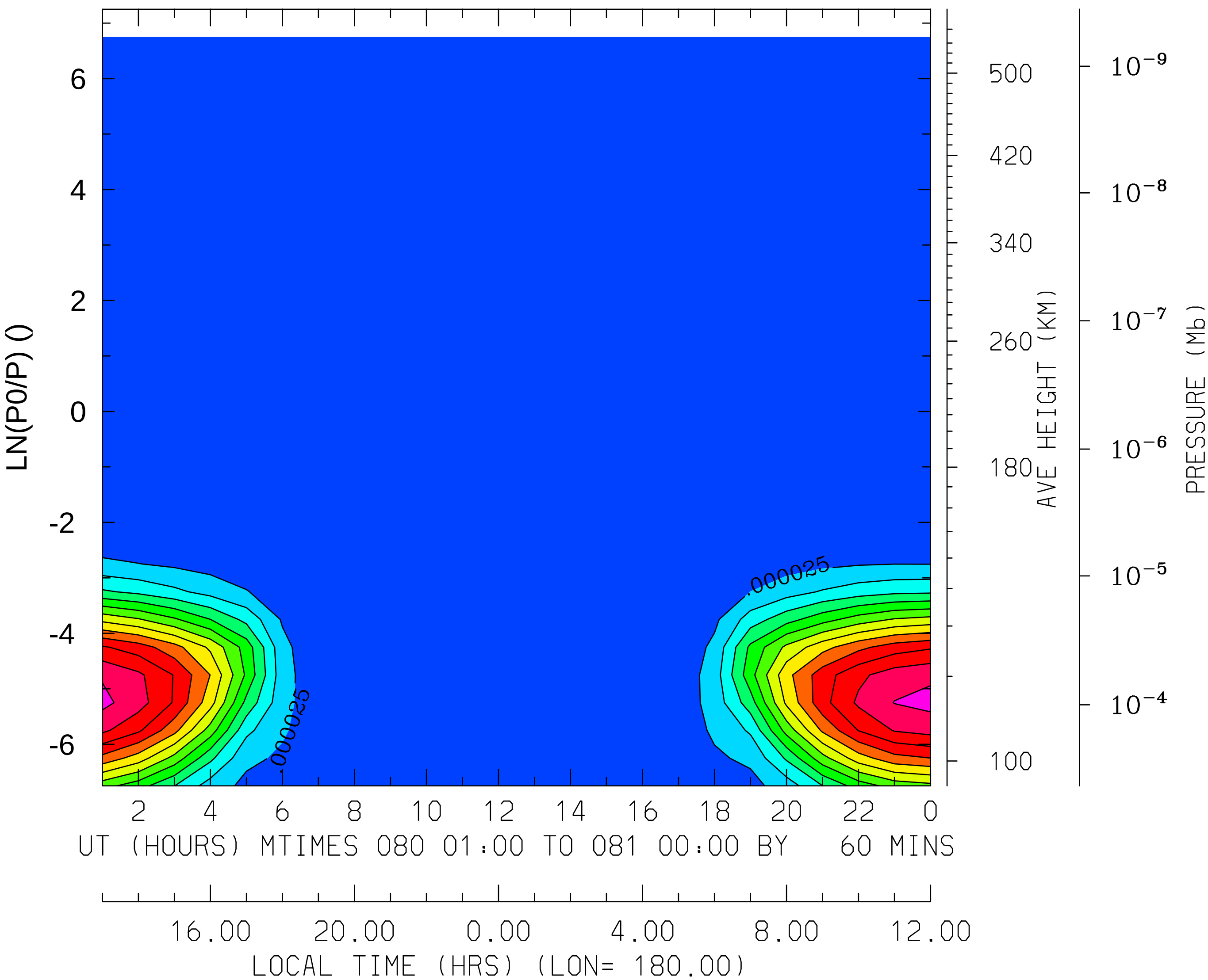

SIGMA_PE ()
LAT, LON= 57.50, 180.00
LN(P0/P) ()
6
4
2
0
-2
-4
-6
.00001
.00002
.00003
500
420
340
260
180
100
AVE HEIGHT (KM)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
PRESSURE (Mb)
2 4 6 8 10 12 14 16 18 20 22 0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00 20.00 0.00 4.00 8.00 12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 2.9557E-09 1.5352E-04 INTERVAL= 1.0000E-05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

SIGMA_HA ()
LAT, LON=-62.50,   180.00



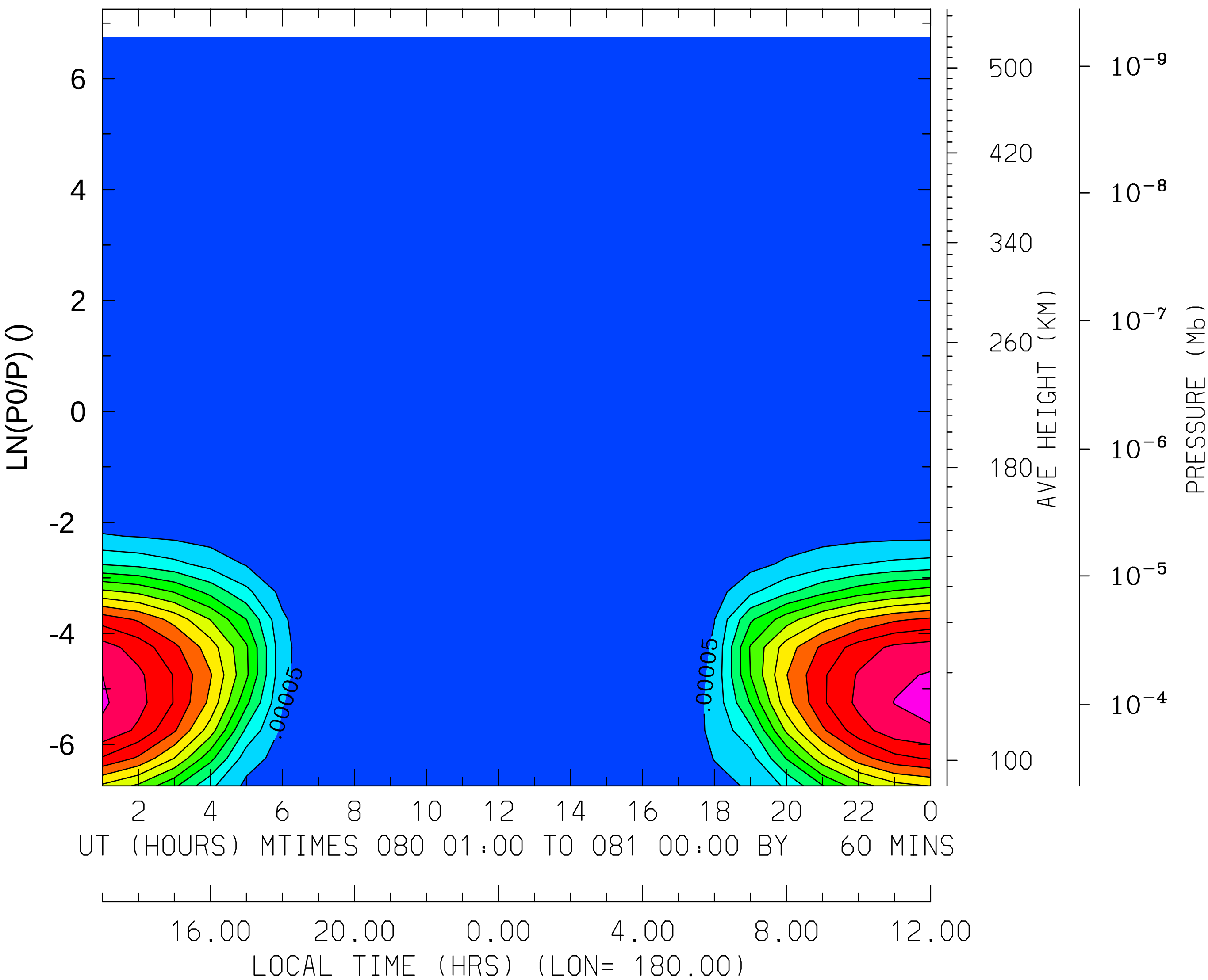
MIN,MAX= 2.9954E-14 3.3839E-04 INTERVAL= 2.5000E-05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

SIGMA_HA ()
LAT, LON=-42.50, 180.00

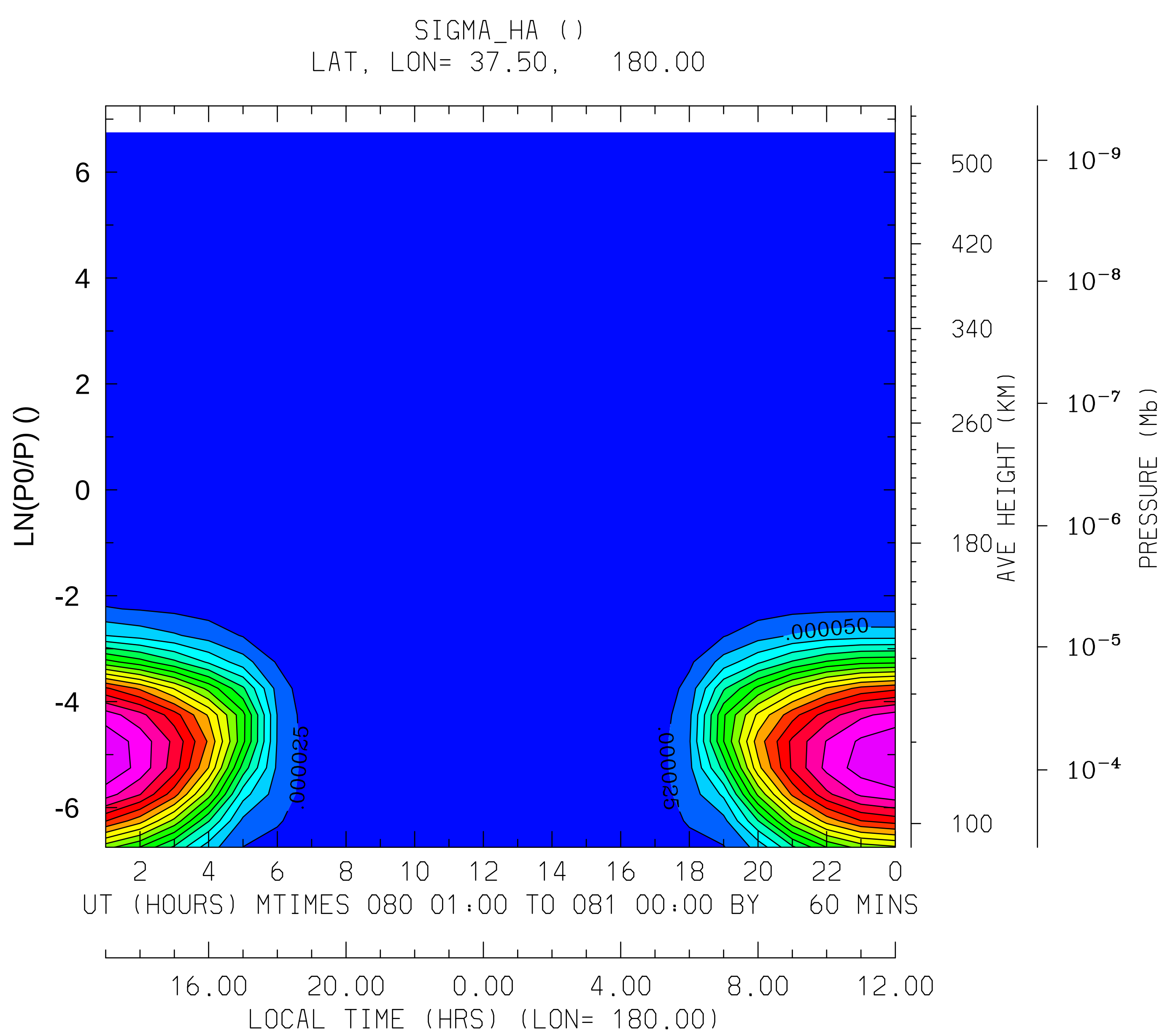


MIN,MAX= 5.1755E-14 3.0764E-04 INTERVAL= 2.5000E-05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

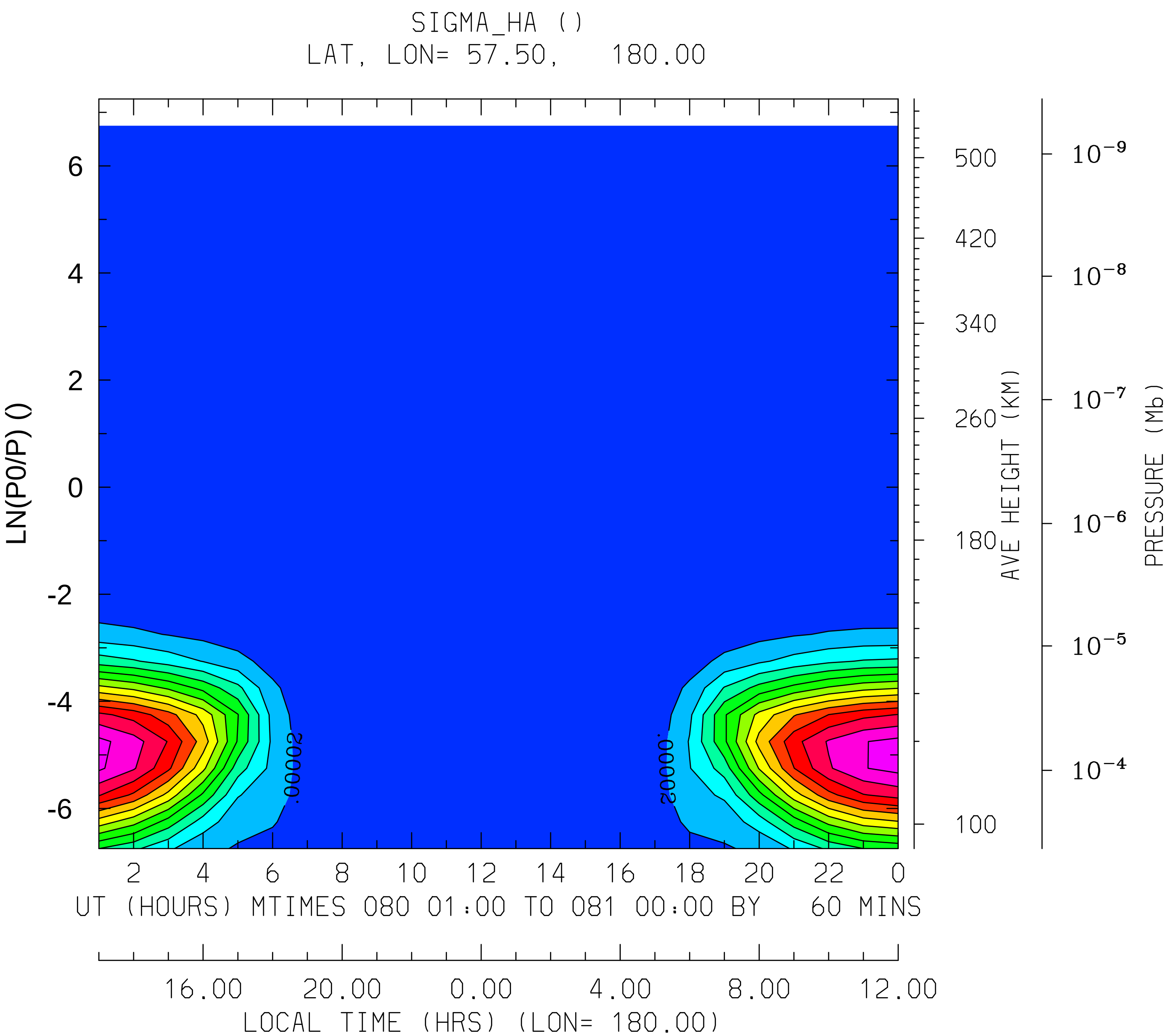
SIGMA_HA ()
LAT, LON= -2.50, 180.00



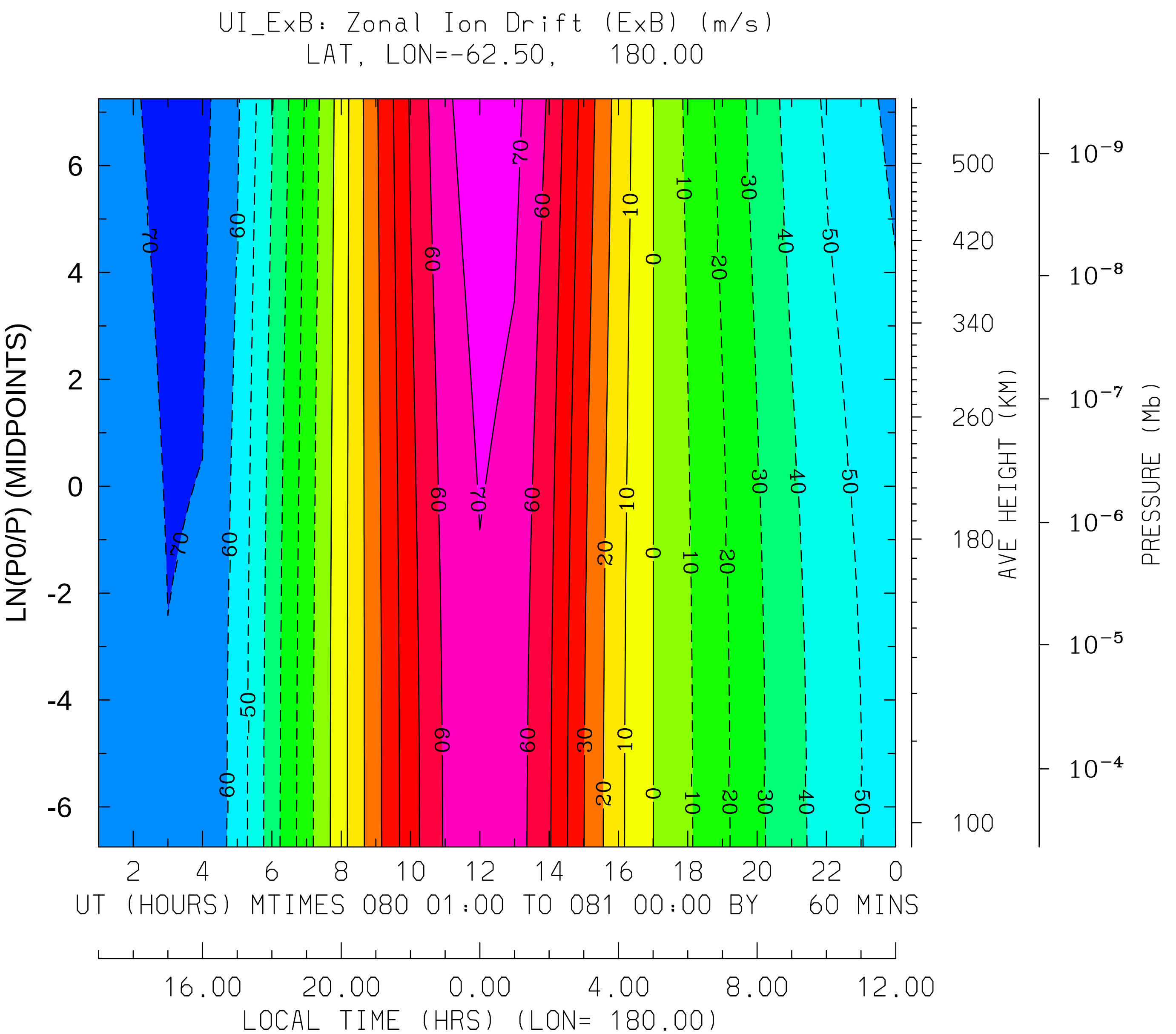
MIN,MAX= 2.4031E-13 6.1267E-04 INTERVAL= 5.0000E-05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



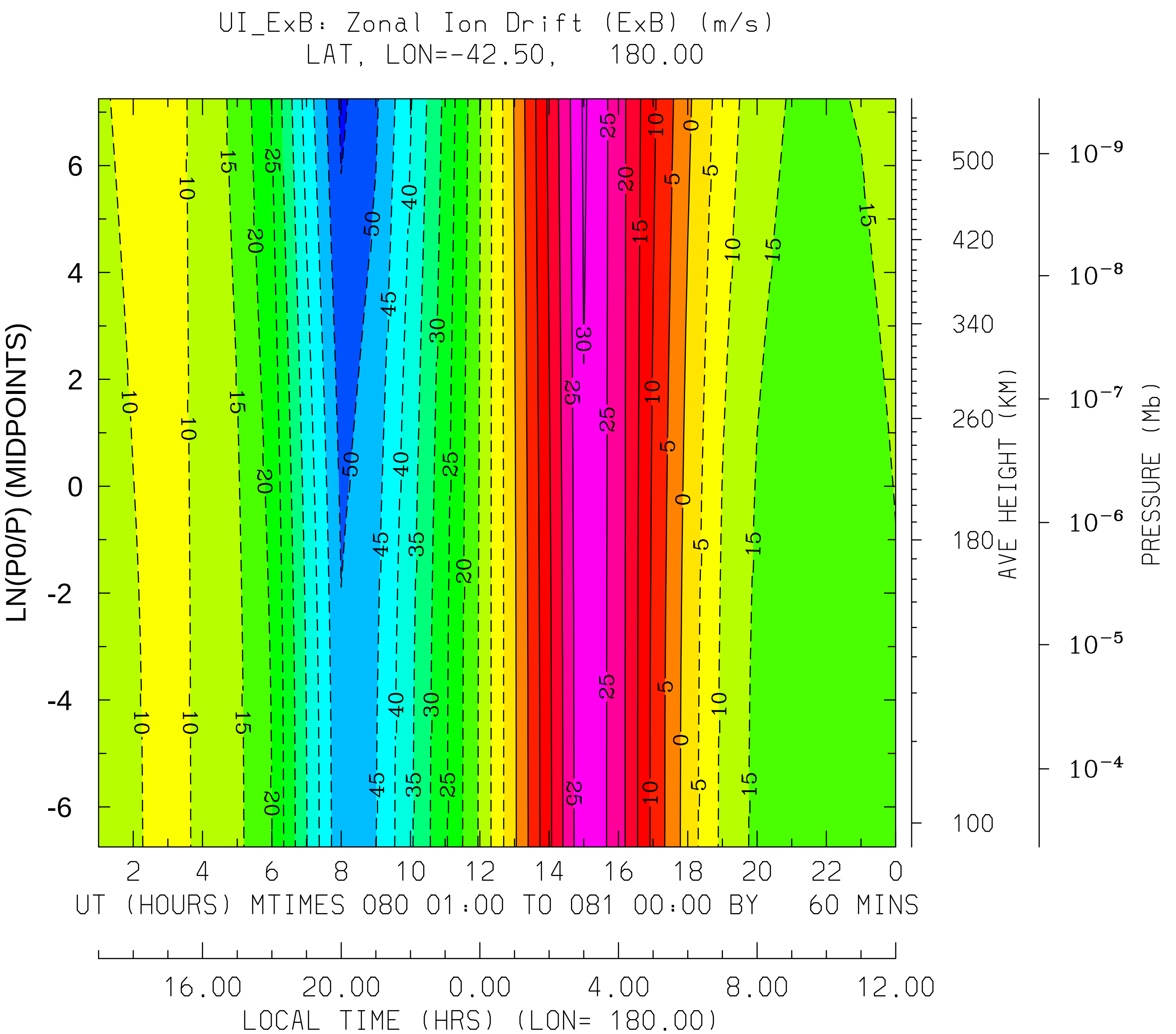
MIN,MAX= 1.6654E-13 4.4831E-04 INTERVAL= 2.5000E-05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



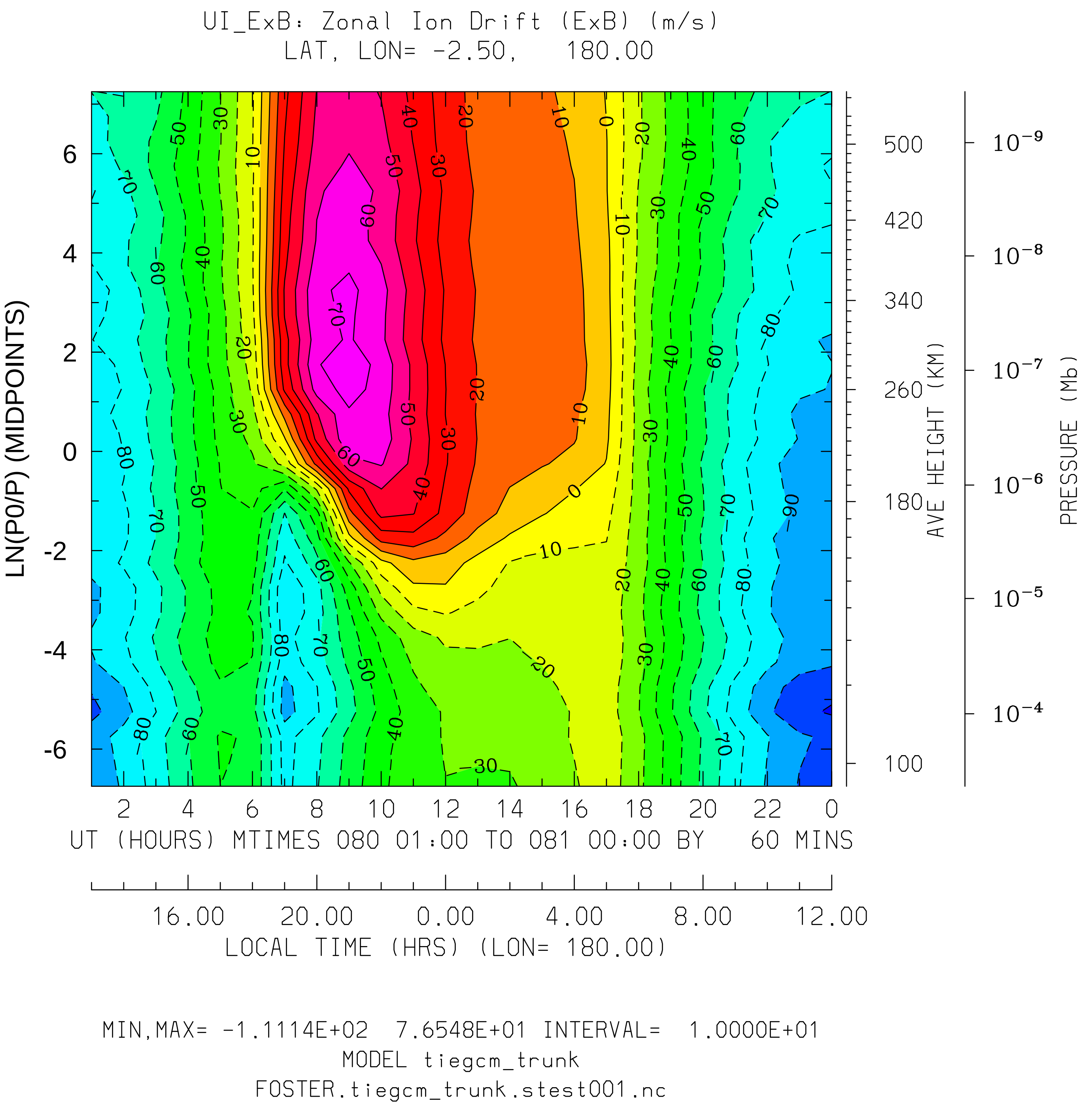
MIN,MAX= 5.9565E-14 2.6682E-04 INTERVAL= 2.0000E-05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

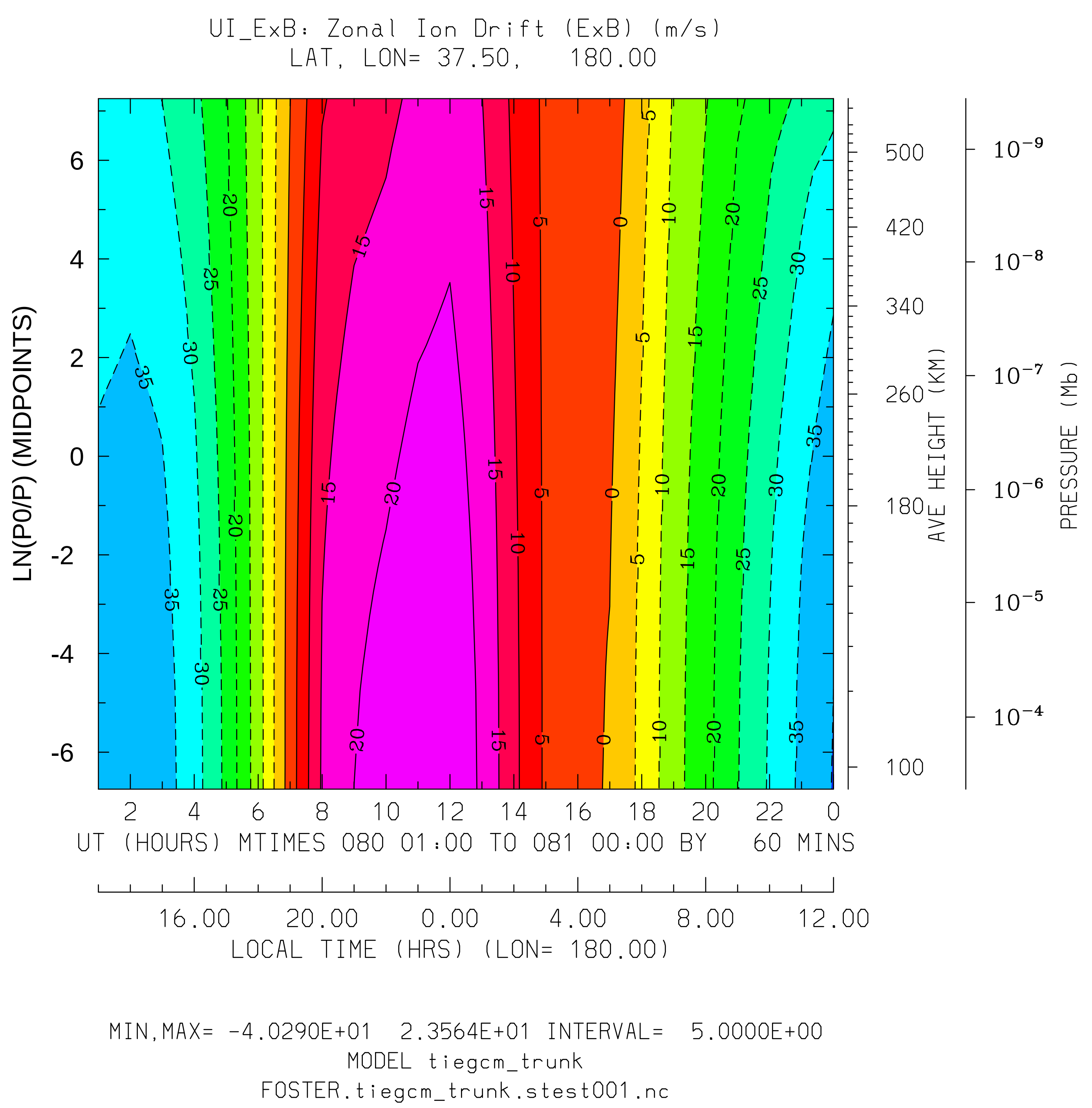


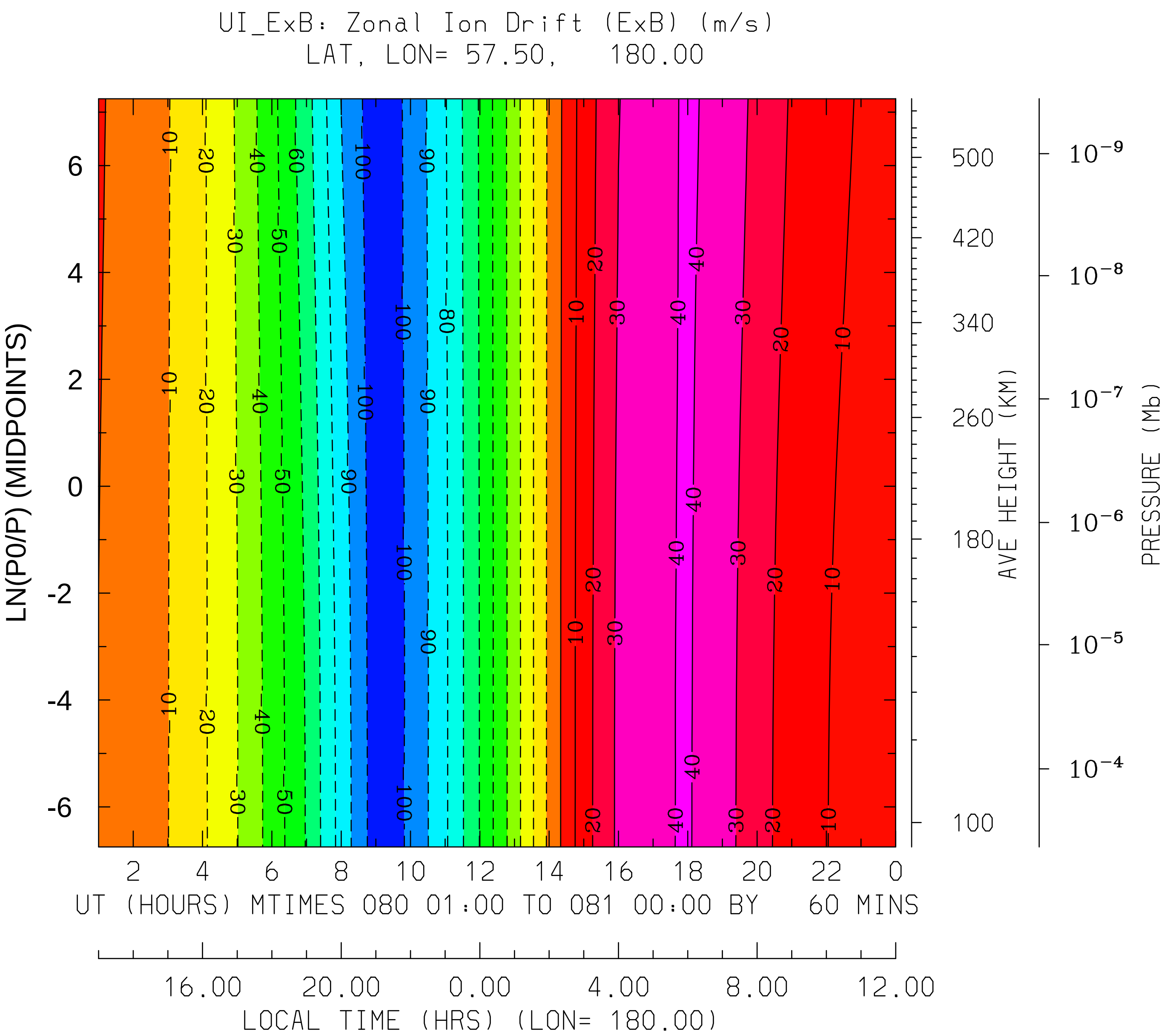
MIN,MAX= -7.2772E+01 7.6417E+01 INTERVAL= 1.0000E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



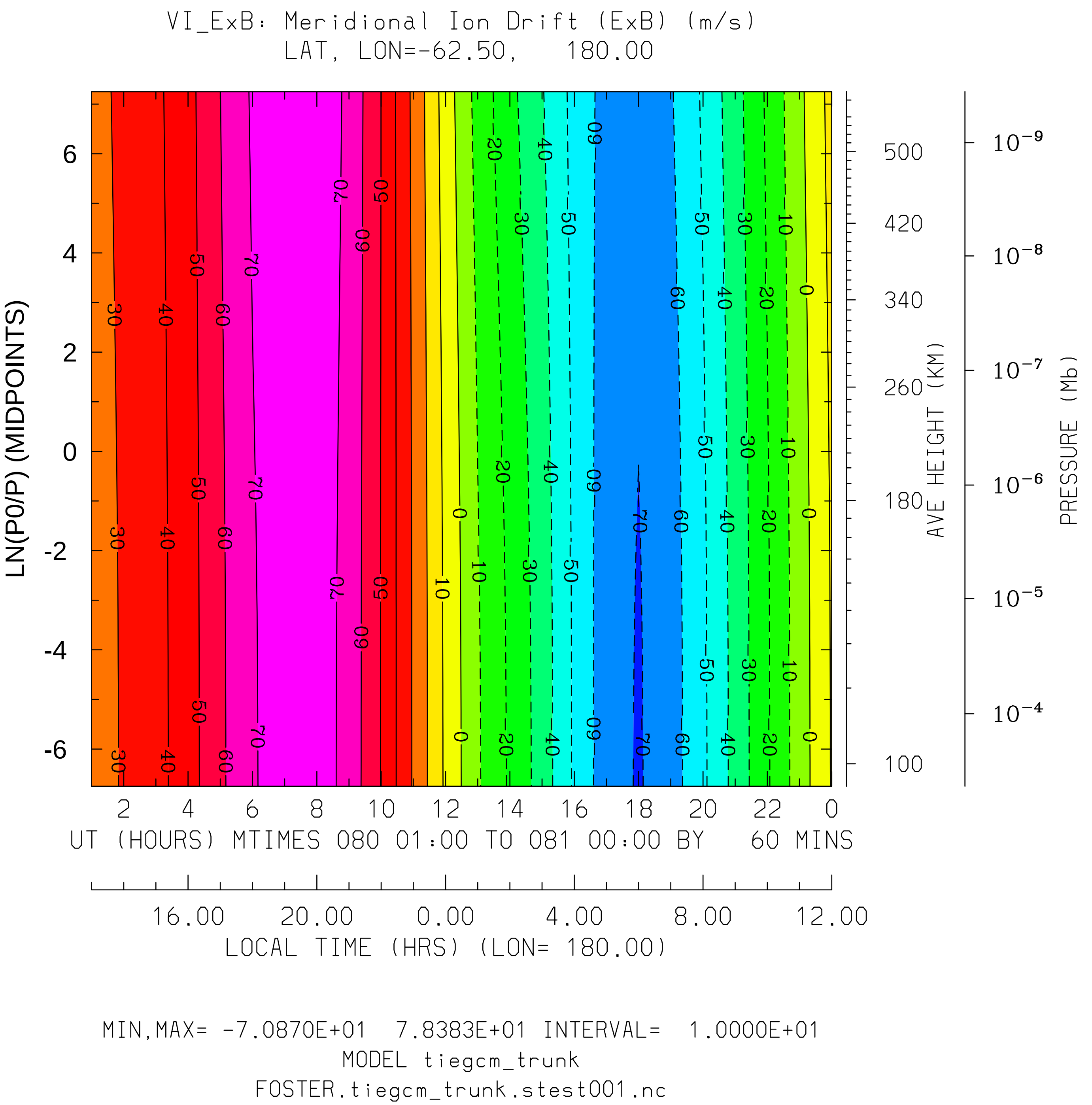
MIN,MAX= -5.5988E+01 3.0685E+01 INTERVAL= 5.0000E+00
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc


UI_ExB: Zonal Ion Drift (ExB) (m/s)
LAT, LON= -2.50, 180.00
LN(P0/P) (MIDPOINTS)
AVE HEIGHT (KM)
PRESSURE (Mb)
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= -1.1114E+02 7.6548E+01 INTERVAL= 1.0000E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

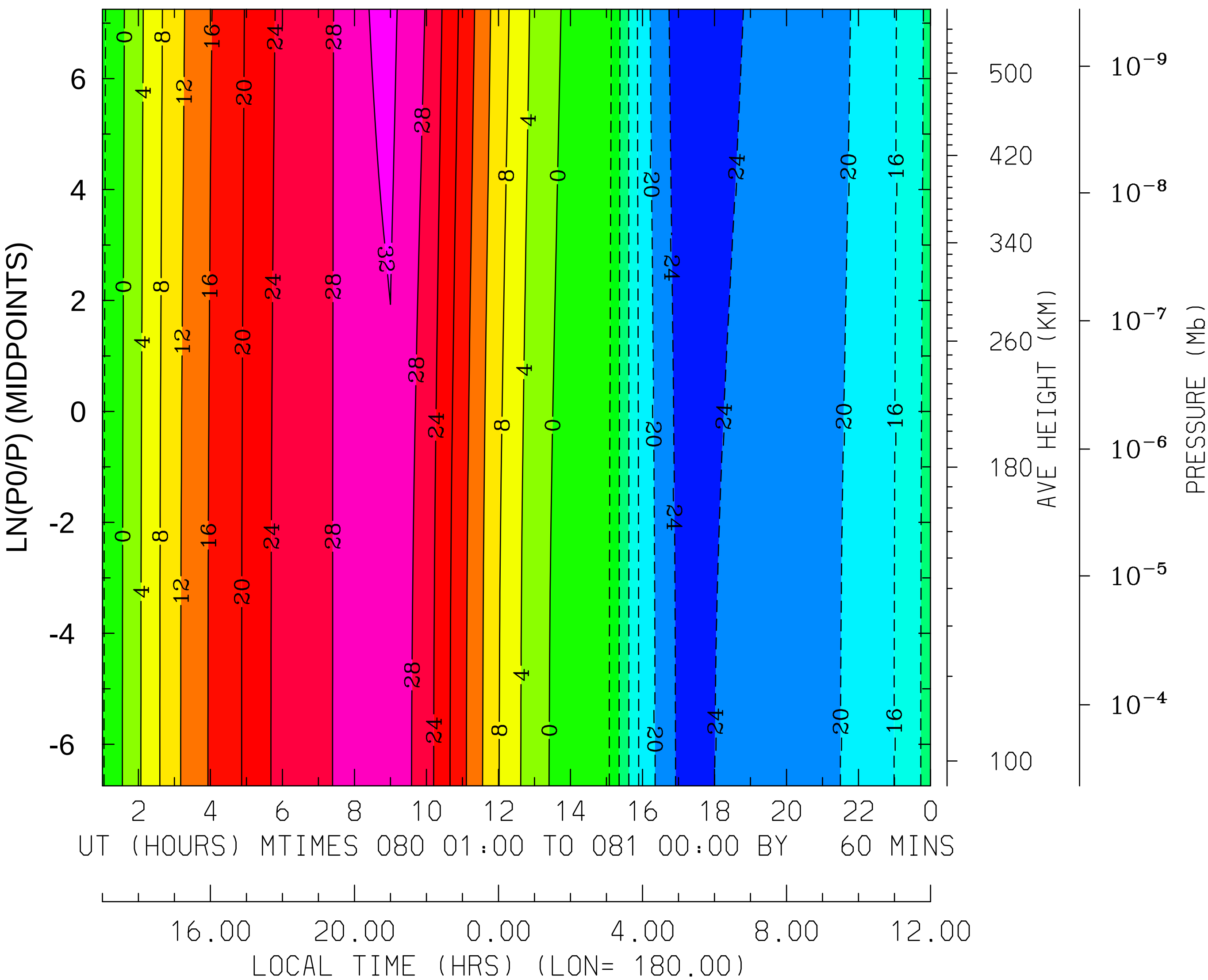

UI_ExB: Zonal Ion Drift (ExB) (m/s)
LAT, LON= 37.50, 180.00
LN(P0/P) (MIDPOINTS)
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
LOCAL TIME (HRS) (LON= 180.00)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -4.0290E+01 2.3564E+01 INTERVAL= 5.0000E+00
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



MIN,MAX= -1.0624E+02 4.1423E+01 INTERVAL= 1.0000E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

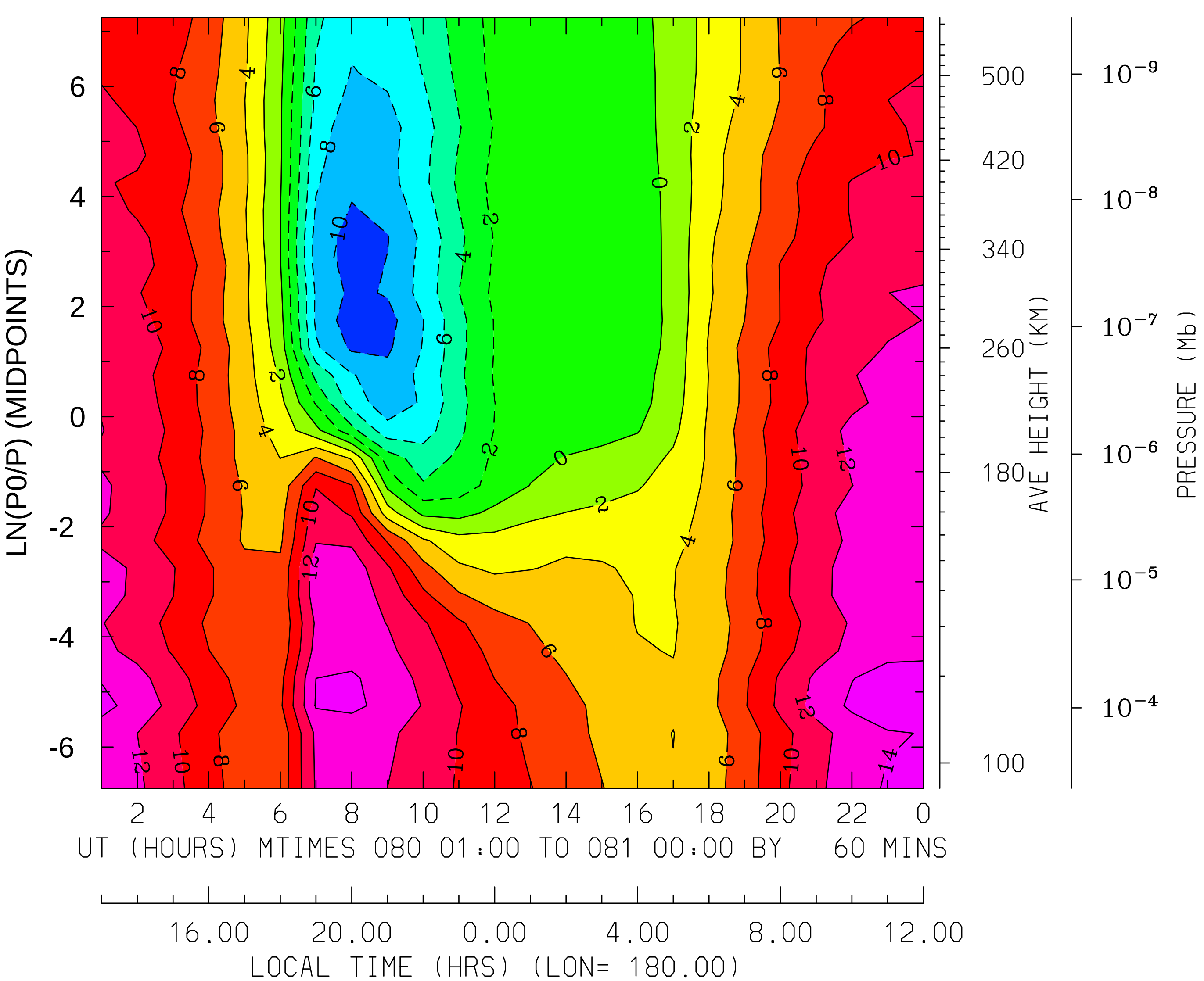

VI_ExB: Meridional Ion Drift (ExB) (m/s)
LAT, LON=-62.50, 180.00
LN(P0/P) (MIDPOINTS)
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
LOCAL TIME (HRS) (LON= 180.00)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -7.0870E+01 7.8383E+01 INTERVAL= 1.0000E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

VI_ExB: Meridional Ion Drift (ExB) (m/s)
LAT, LON=-42.50, 180.00

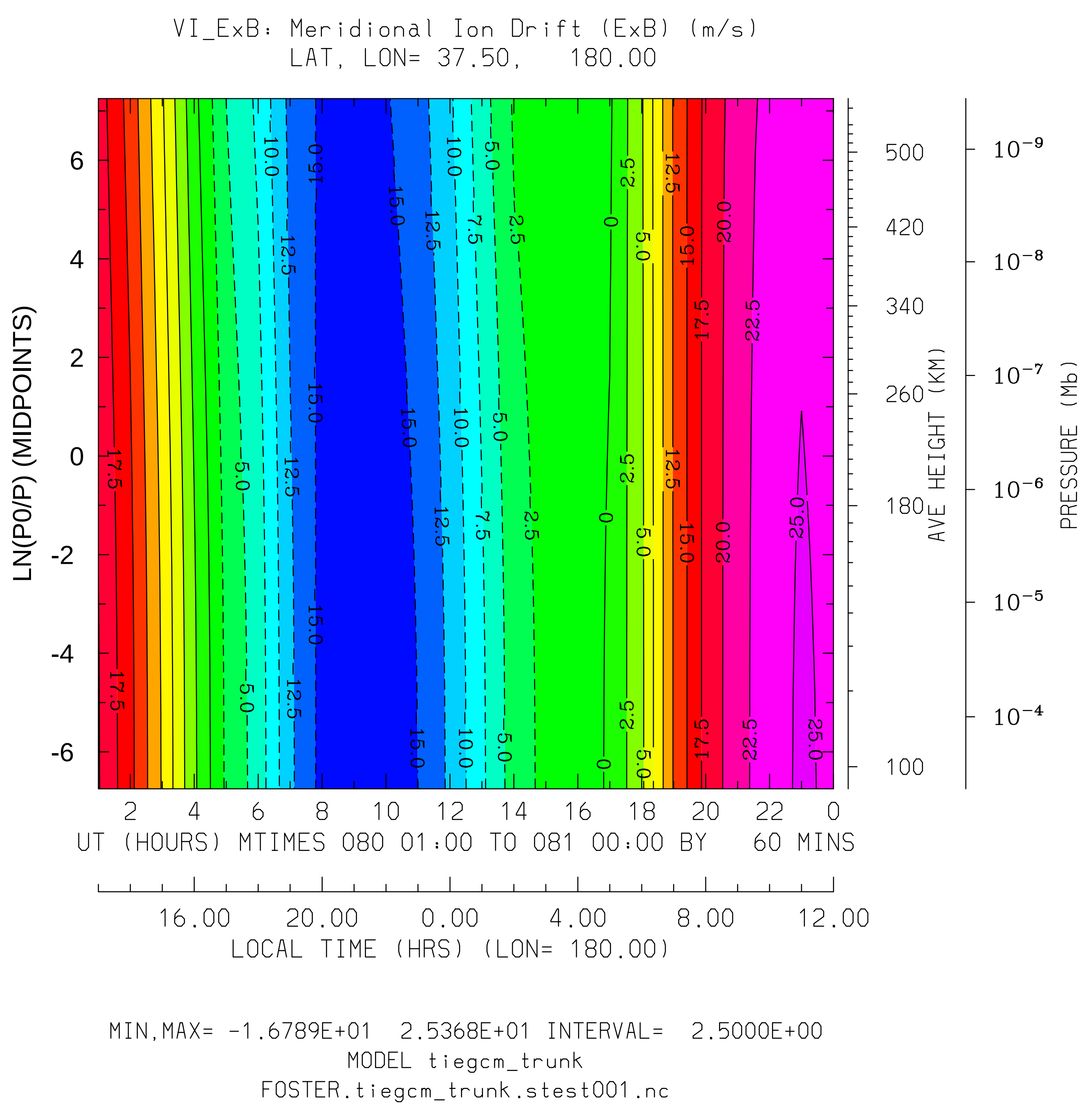


MIN,MAX= -2.5998E+01 3.2964E+01 INTERVAL= 4.0000E+00
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

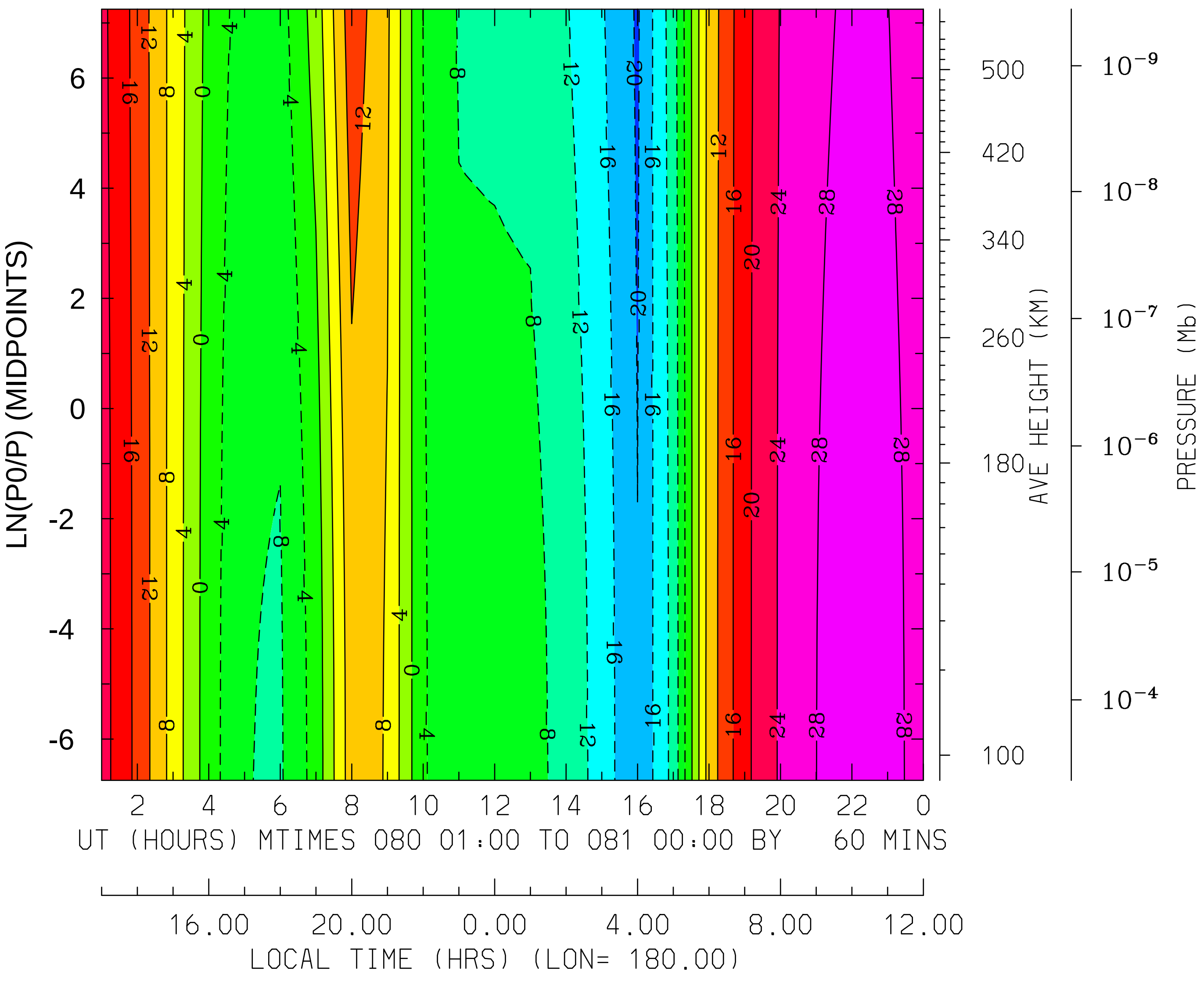
VI_ExB: Meridional Ion Drift (ExB) (m/s)
LAT, LON= -2.50, 180.00



MIN,MAX= -1.1196E+01 1.5651E+01 INTERVAL= 2.0000E+00
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

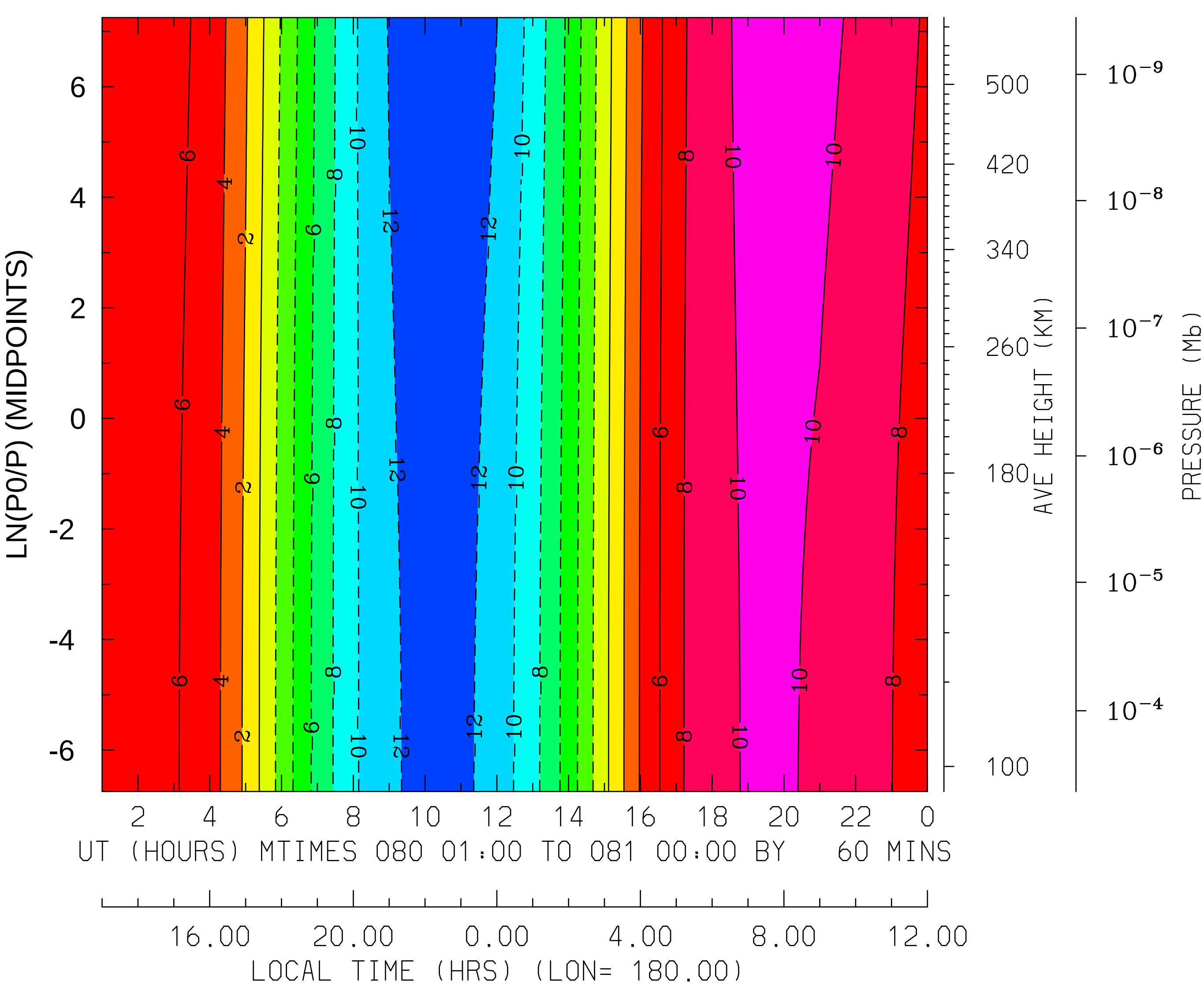

VI_ExB: Meridional Ion Drift (ExB) (m/s)
LAT, LON= 37.50, 180.00
LN(P0/P) (MIDPOINTS)
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
LOCAL TIME (HRS) (LON= 180.00)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.6789E+01 2.5368E+01 INTERVAL= 2.5000E+00
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

VI_ExB: Meridional Ion Drift (ExB) (m/s)
LAT, LON= 57.50, 180.00



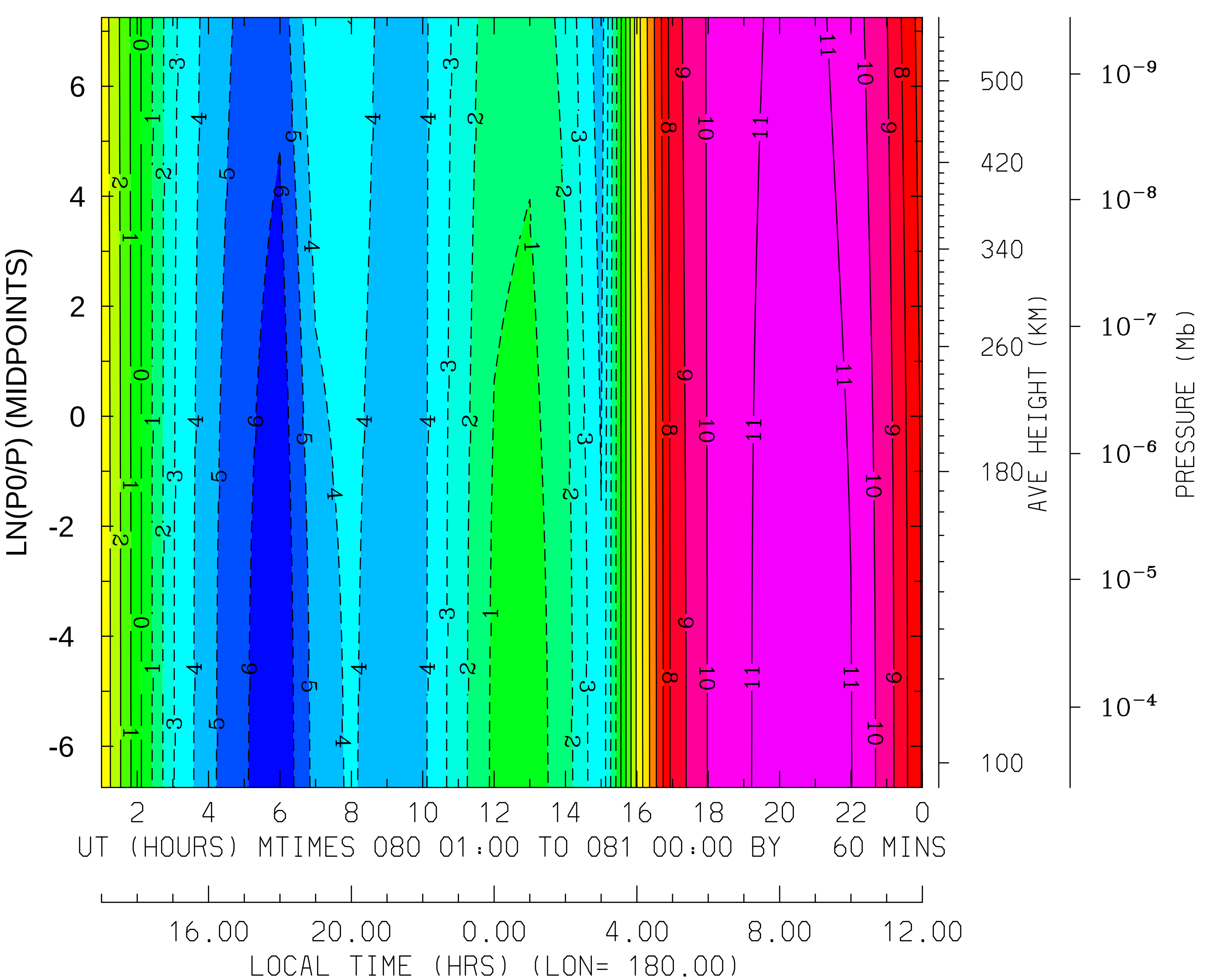
MIN,MAX= -2.0495E+01 2.9491E+01 INTERVAL= 4.0000E+00
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

WI_ExB: Vertical Ion Drift (ExB) (m/s)
LAT, LON=-62.50, 180.00

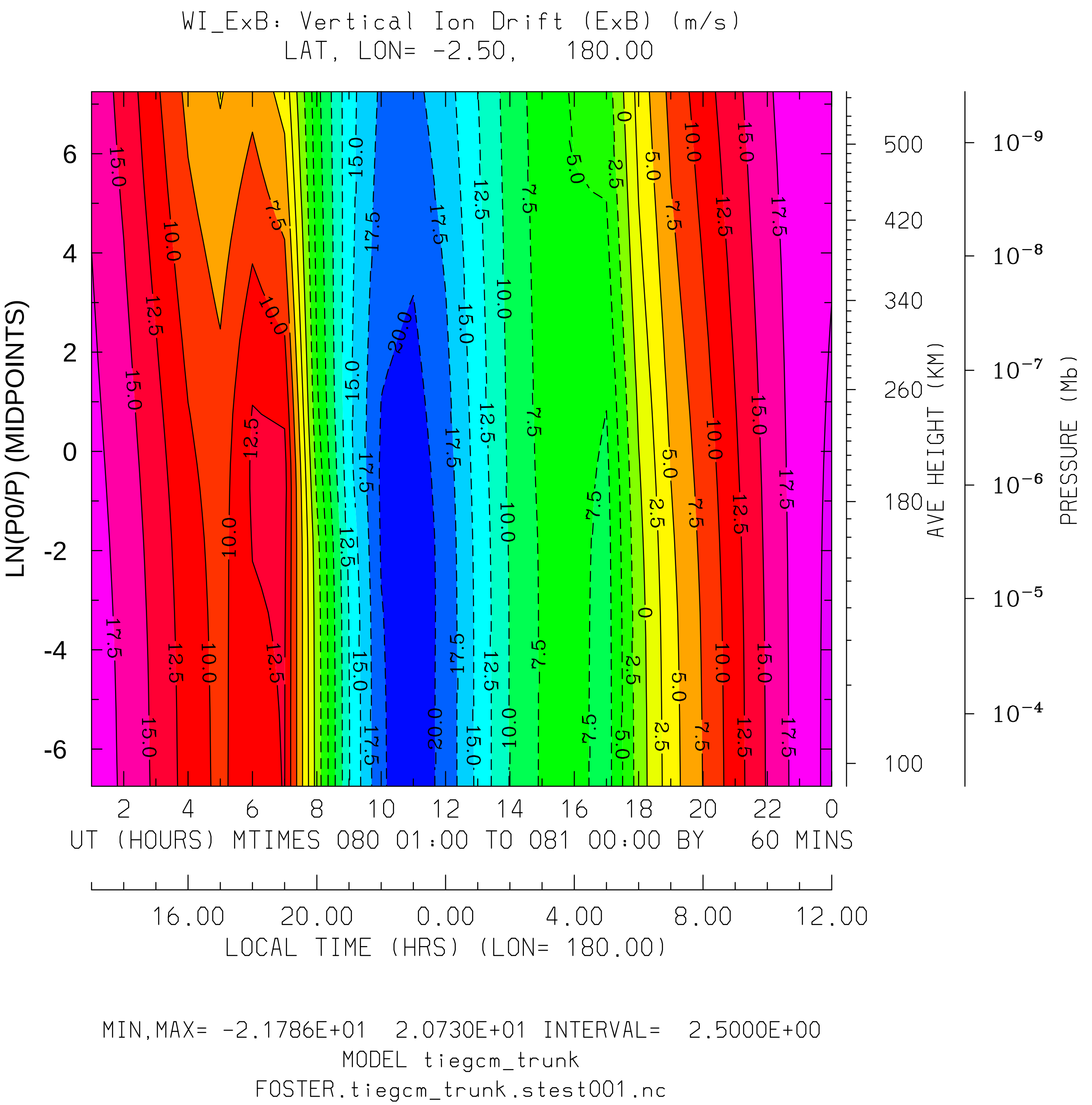


MIN,MAX= -1.3406E+01 1.0639E+01 INTERVAL= 2.0000E+00
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

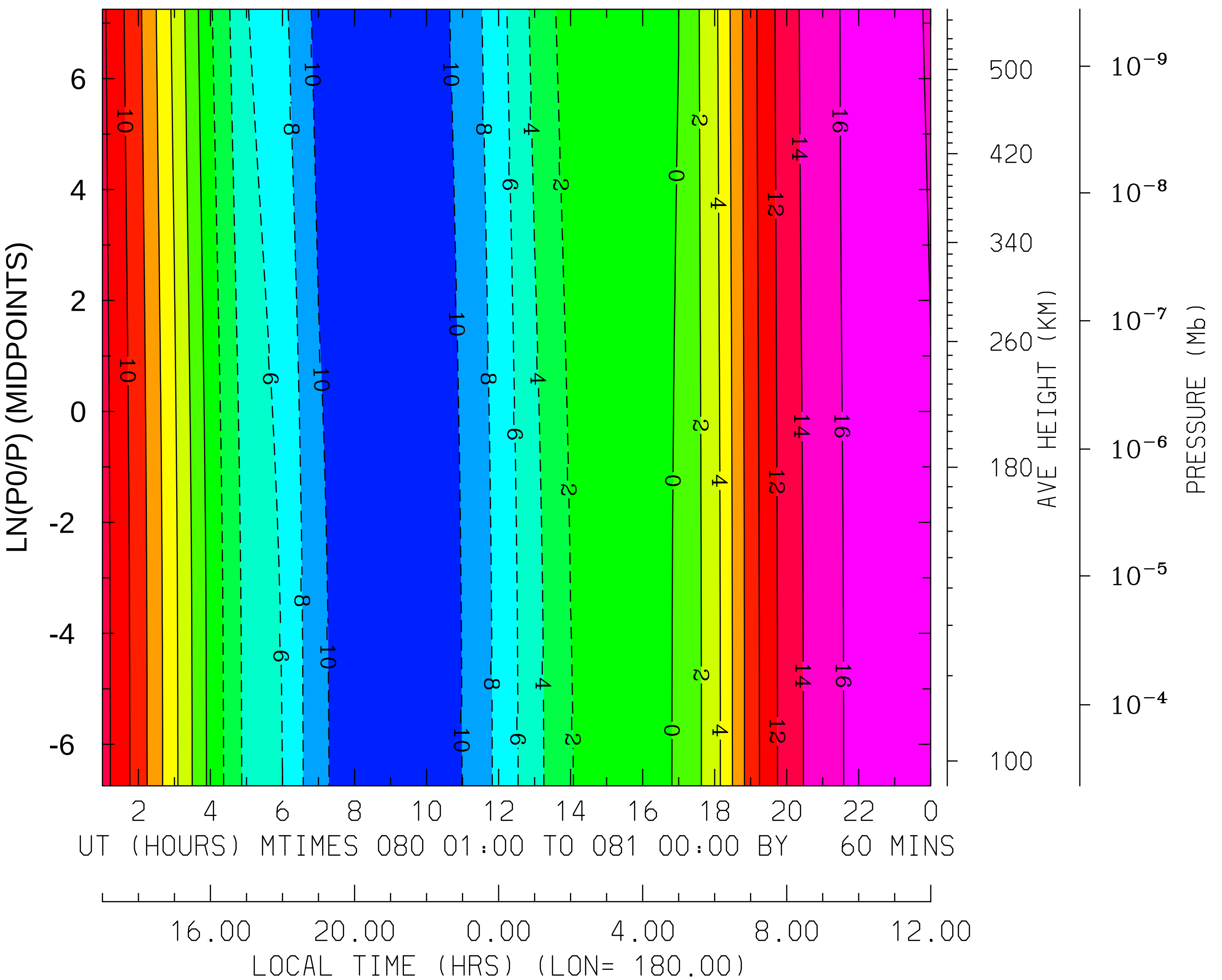
WI_ExB: Vertical Ion Drift (ExB) (m/s)
LAT, LON=-42.50, 180.00



MIN,MAX= -6.8654E+00 1.1600E+01 INTERVAL= 1.0000E+00
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

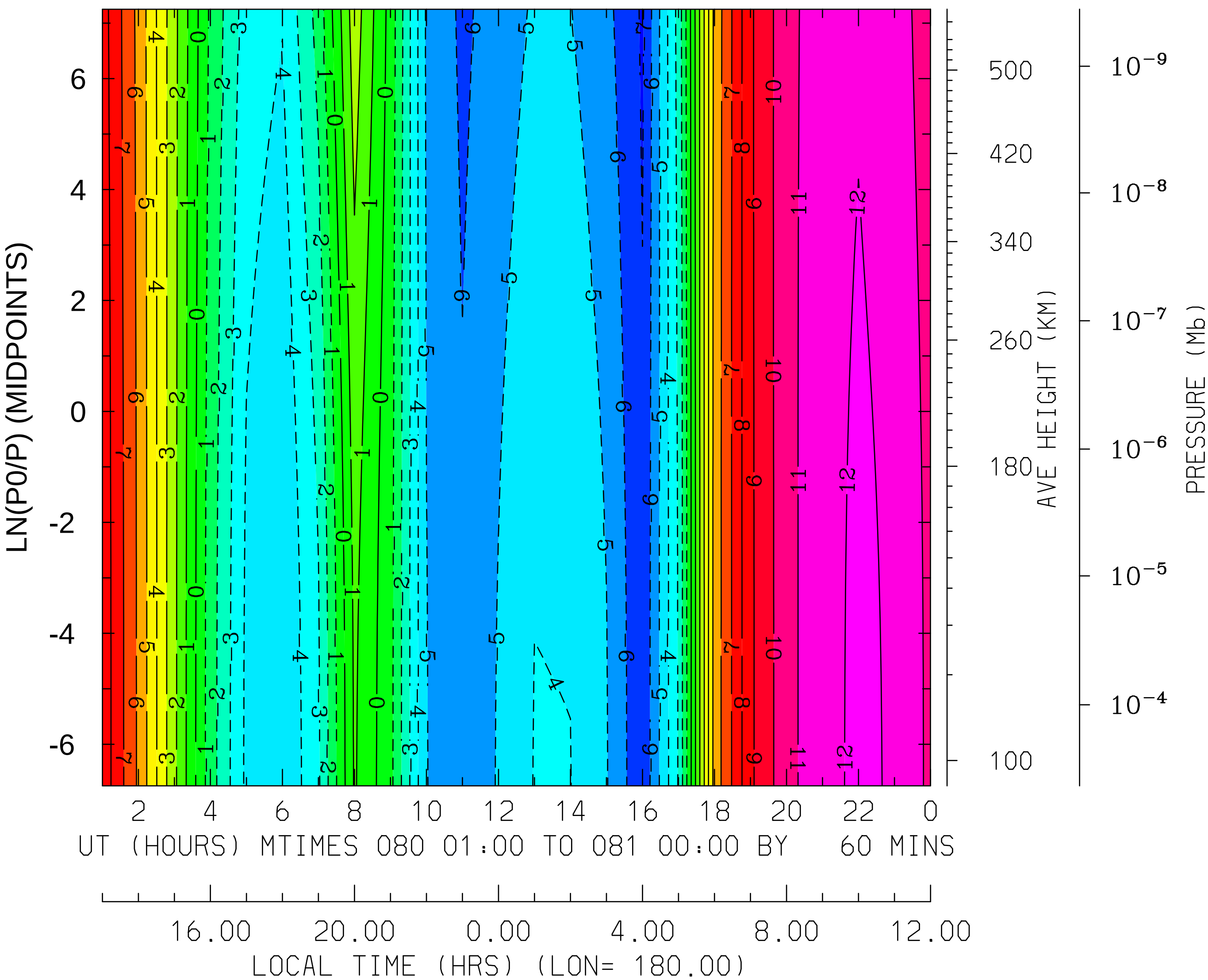

WI_ExB: Vertical Ion Drift (ExB) (m/s)
LAT, LON= -2.50, 180.00
LN(P0/P) (MIDPOINTS)
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
LOCAL TIME (HRS) (LON= 180.00)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -2.1786E+01 2.0730E+01 INTERVAL= 2.5000E+00
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

WI_ExB: Vertical Ion Drift (ExB) (m/s)
LAT, LON= 37.50, 180.00



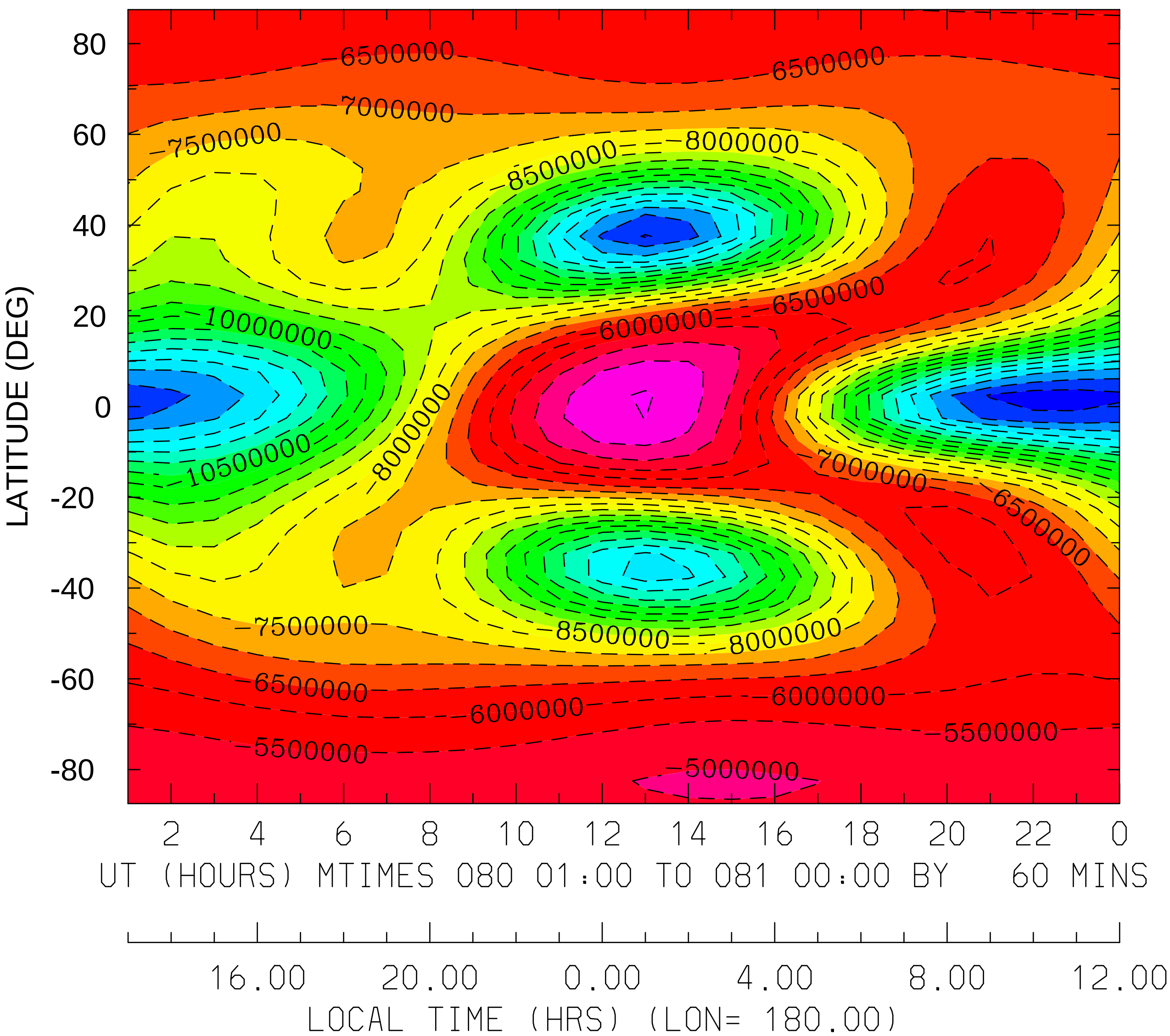
MIN,MAX= -1.1622E+01 1.7167E+01 INTERVAL= 2.0000E+00
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

WI_ExB: Vertical Ion Drift (ExB) (m/s)
LAT, LON= 57.50, 180.00



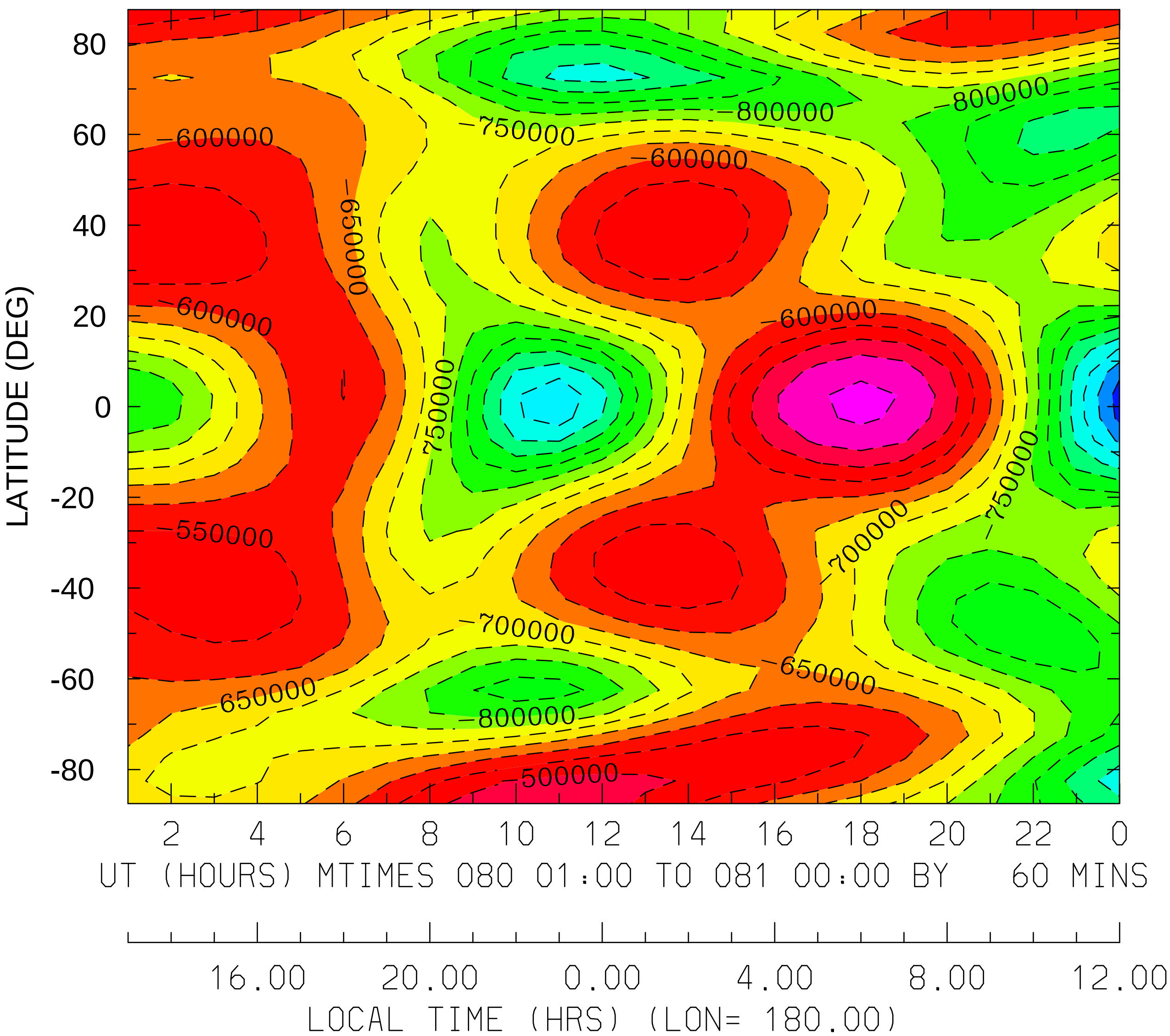
MIN,MAX= -7.1347E+00 1.2160E+01 INTERVAL= 1.0000E+00
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

COOL_EXP: Total Explicit Cooling ()
ZP = -6.750 LONGITUDE = 180.00



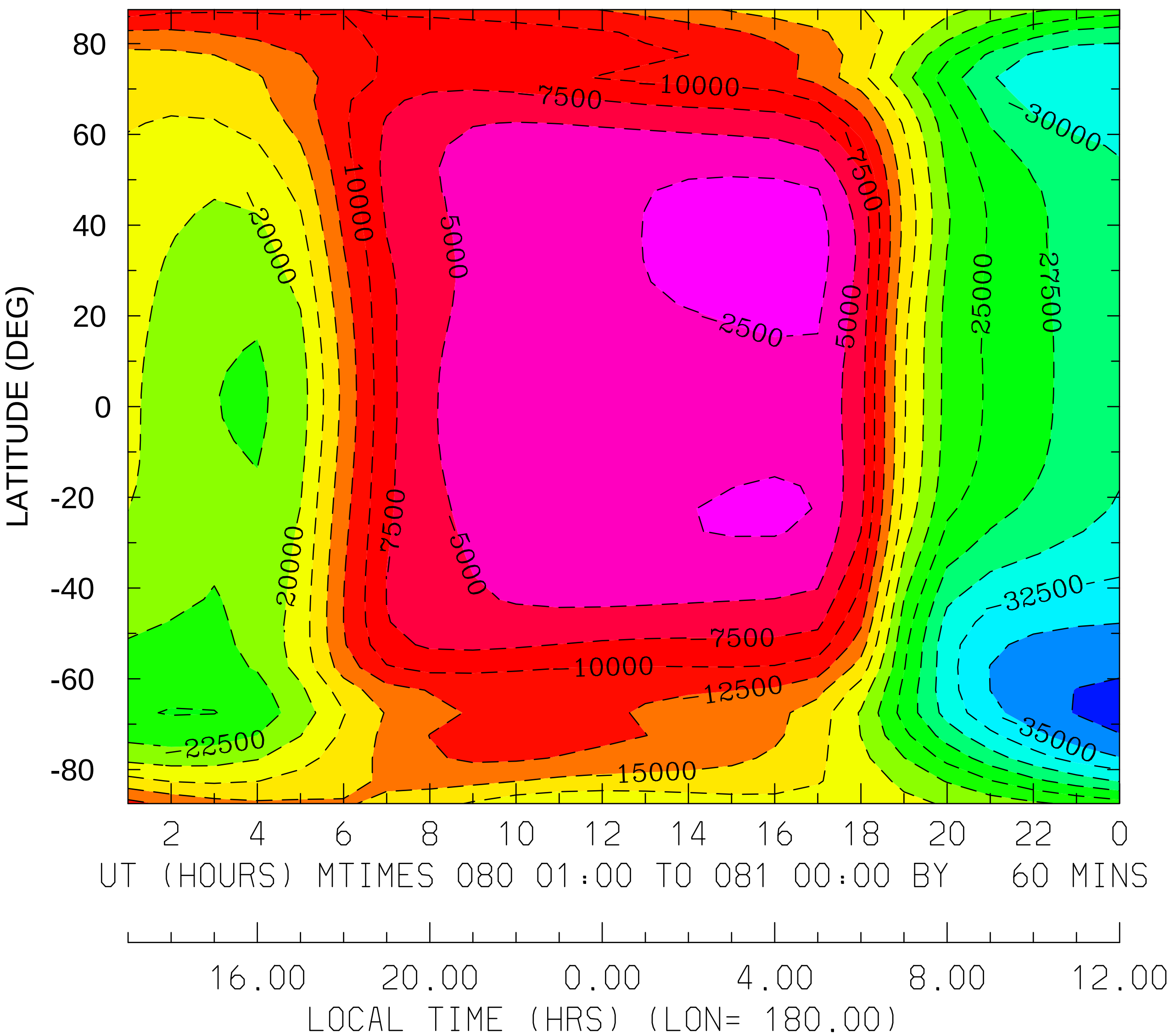
MIN,MAX= -1.3786E+07 -3.9505E+06 INTERVAL= 5.0000E+05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

COOL_EXP: Total Explicit Cooling ()
ZP = -4.250 LONGITUDE = 180.00



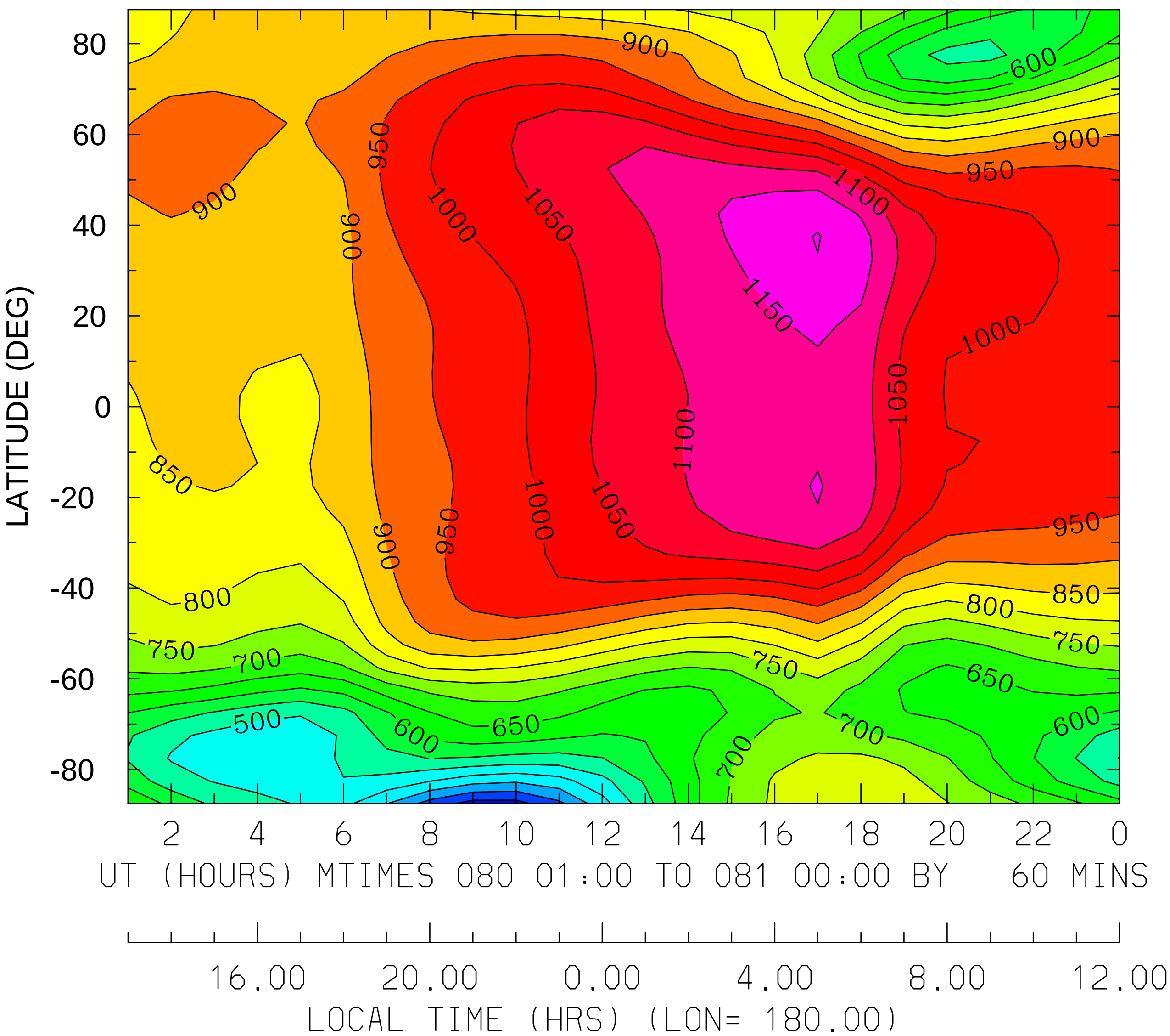
MIN,MAX= -1.1260E+06 -3.8623E+05 INTERVAL= 5.0000E+04
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

COOL_EXP: Total Explicit Cooling ()
ZP = -0.250 LONGITUDE = 180.00

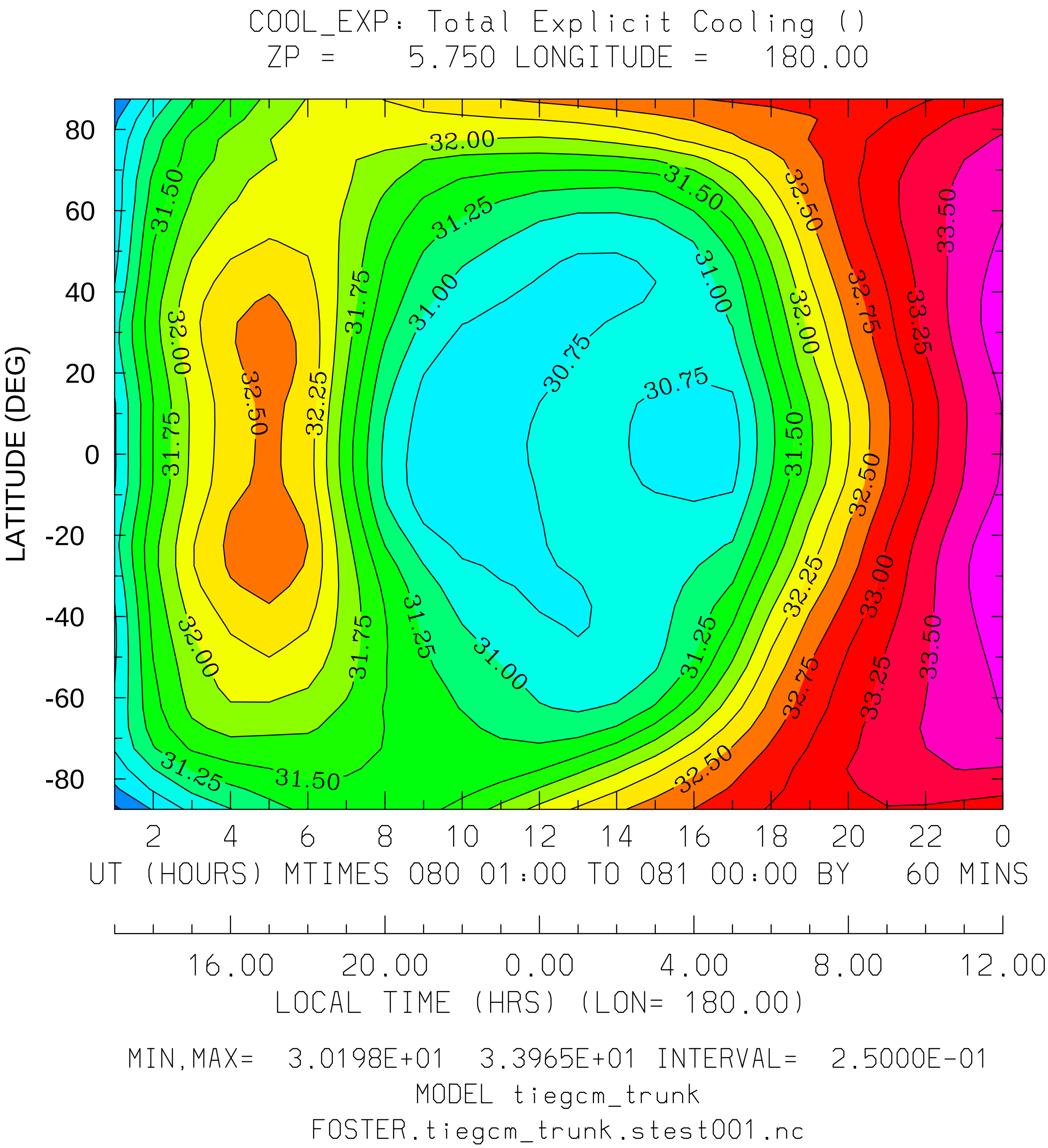


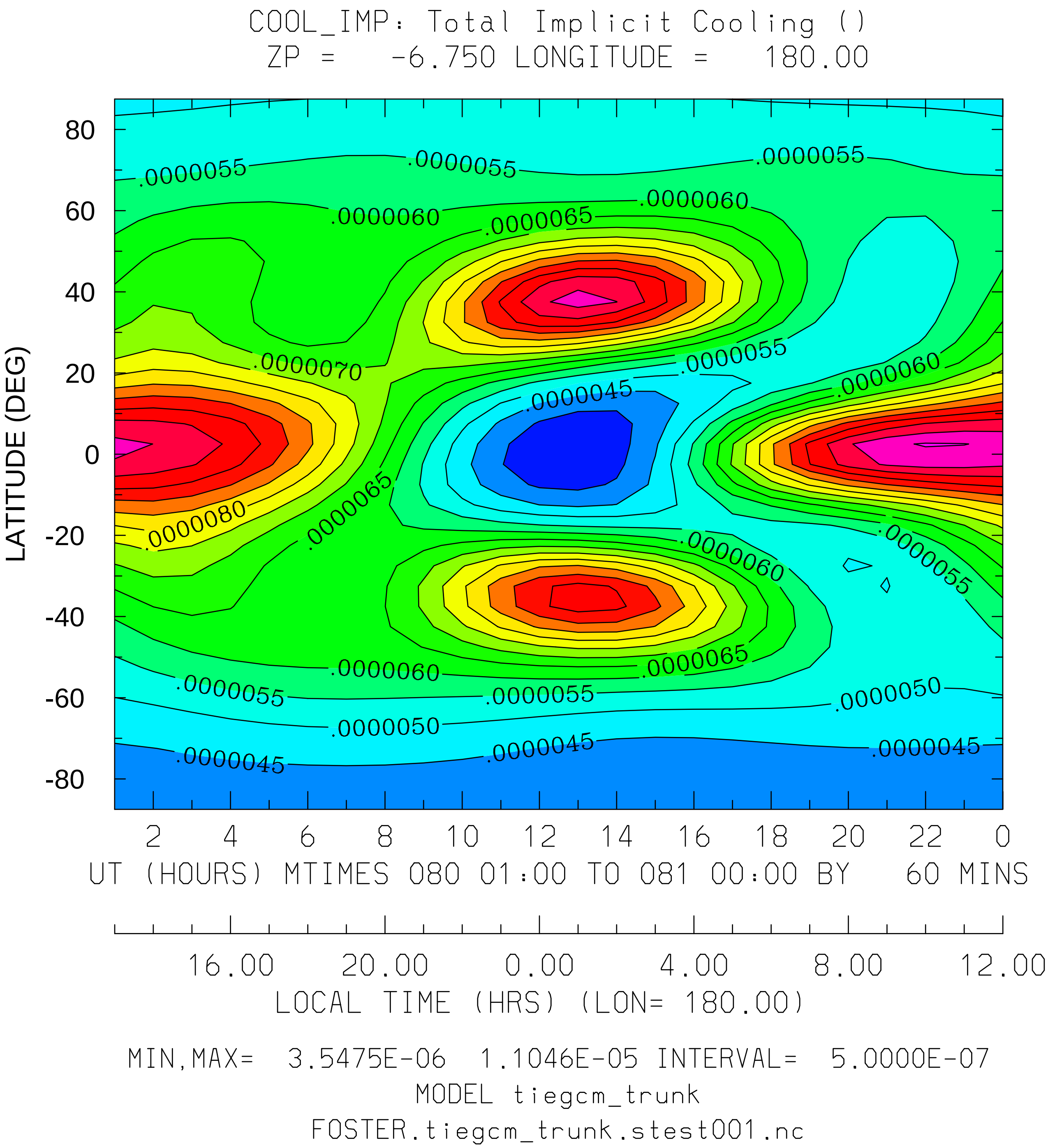
MIN,MAX= -3.8526E+04 -1.2782E+03 INTERVAL= 2.5000E+03
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

COOL_EXP: Total Explicit Cooling ()
ZP = 1.750 LONGITUDE = 180.00

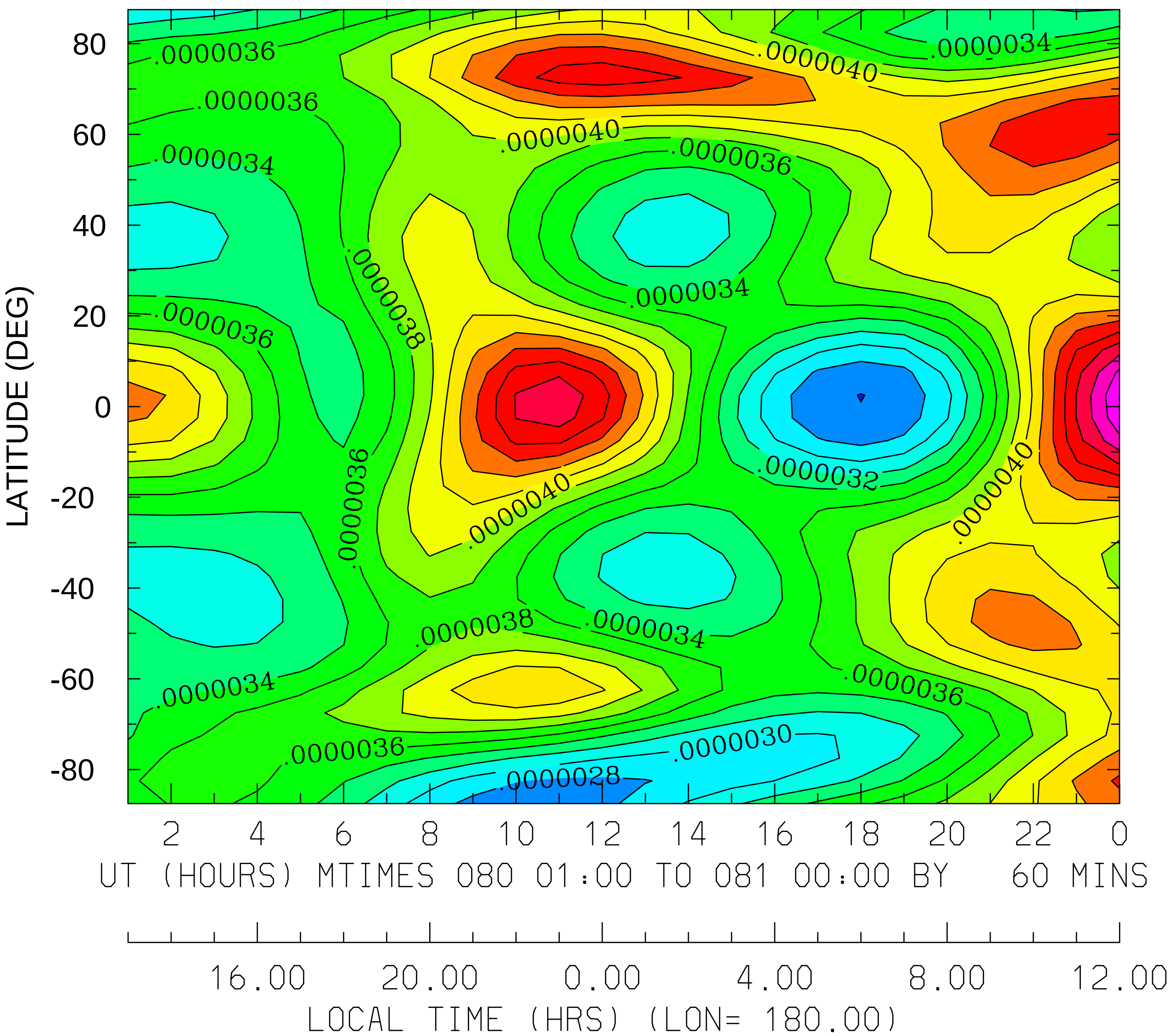


MIN,MAX= 2.7959E+02 1.2025E+03 INTERVAL= 5.0000E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

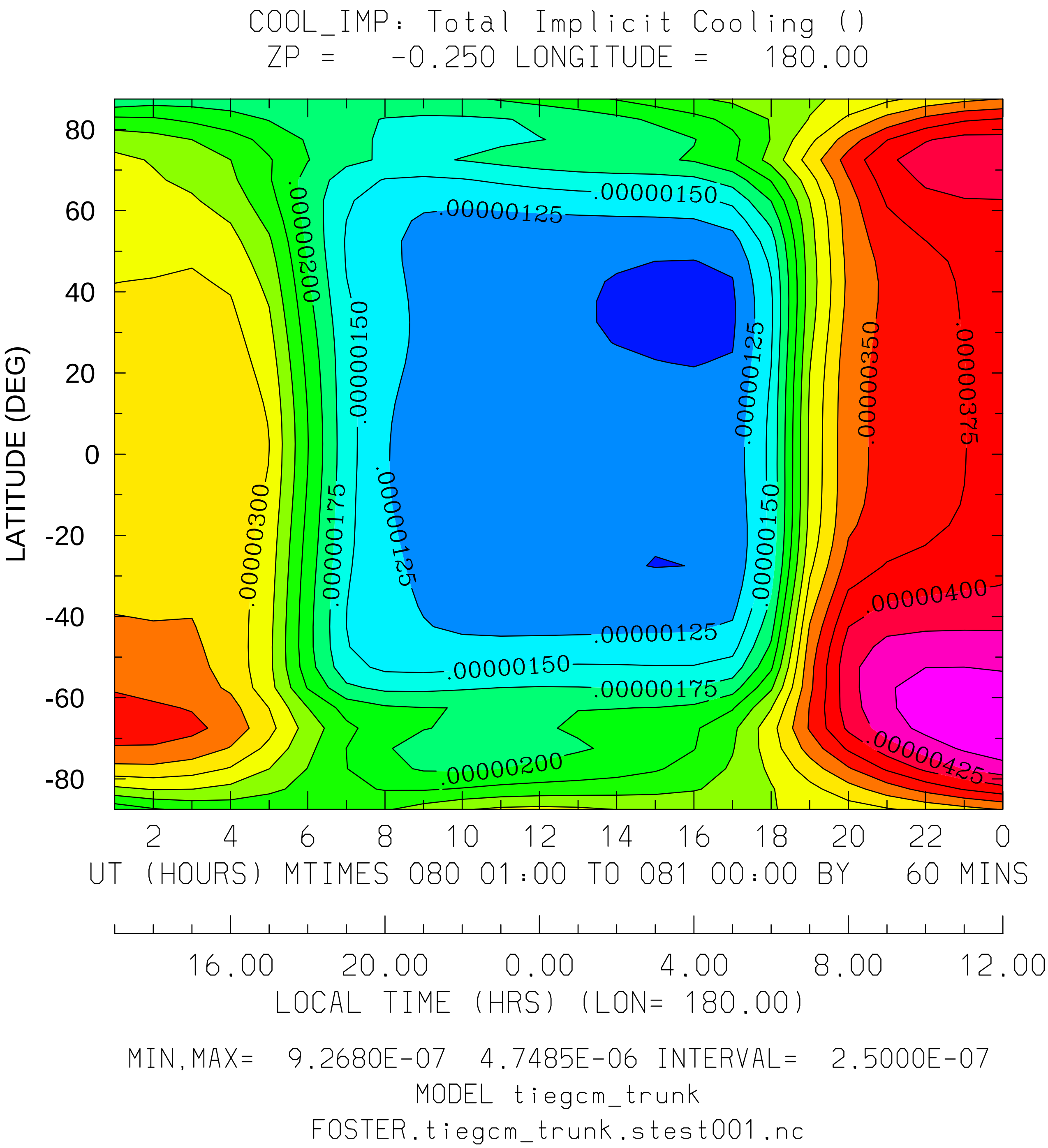

COOL_EXP: Total Explicit Cooling ()
ZP = 5.750 LONGITUDE = 180.00
LATITUDE (DEG)
80
60
40
20
0
-20
-40
-60
-80
32.00
31.50
31.25
31.00
30.75
32.50
32.25
31.75
32.75
33.25
33.50
33.00
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00
20.00
0.00
4.00
8.00
12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 3.0198E+01 3.3965E+01 INTERVAL= 2.5000E-01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc


COOL_IMP: Total Implicit Cooling ()
ZP = -6.750 LONGITUDE = 180.00
LATITUDE (DEG)
80
60
40
20
0
-20
-40
-60
-80
.0000055
.0000060
.0000065
.0000070
.0000080
.0000045
.0000050
2 4 6 8 10 12 14 16 18 20 22 0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00 20.00 0.00 4.00 8.00 12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 3.5475E-06 1.1046E-05 INTERVAL= 5.0000E-07
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

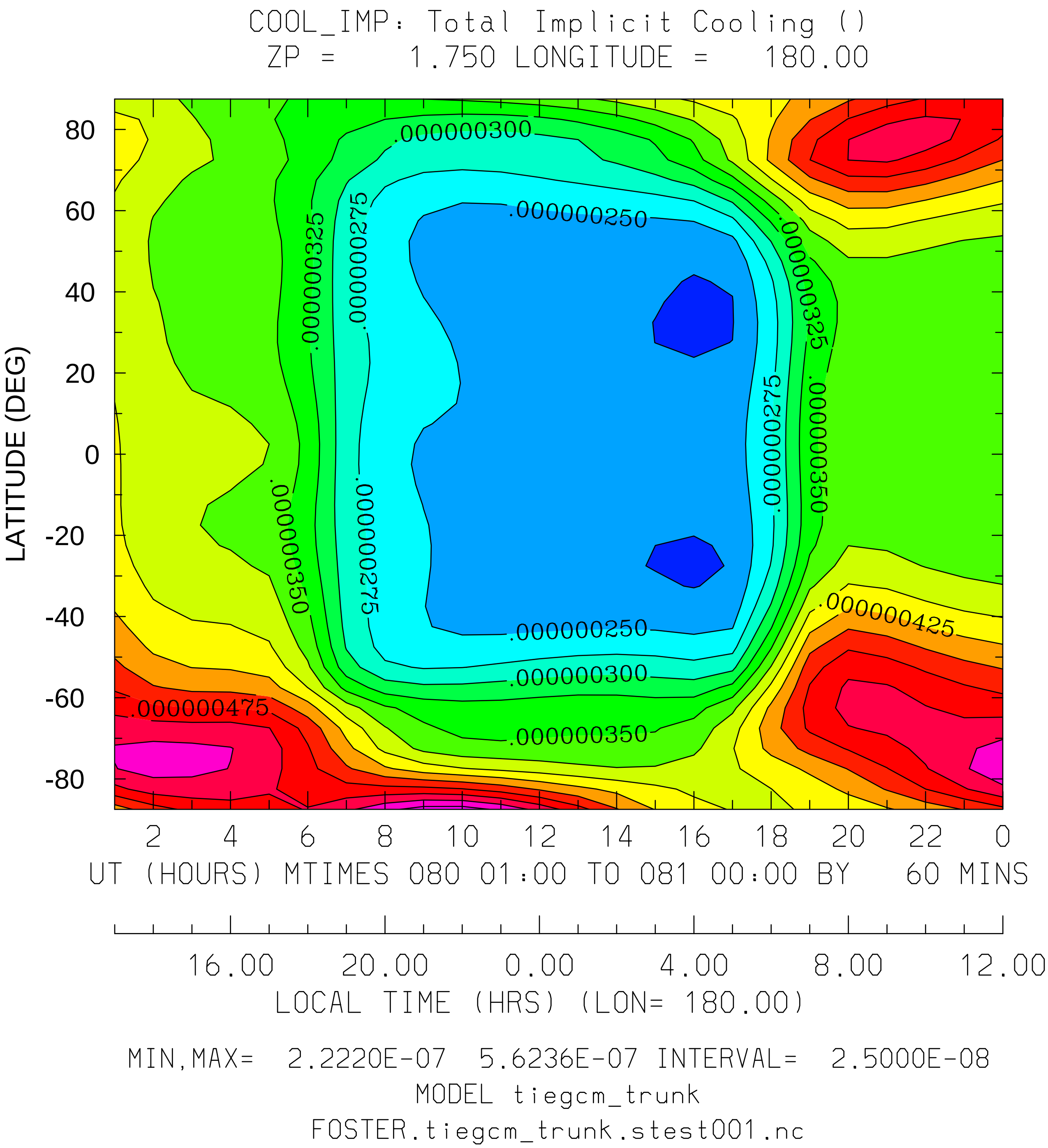
COOL_IMP: Total Implicit Cooling ()
ZP = -4.250 LONGITUDE = 180.00



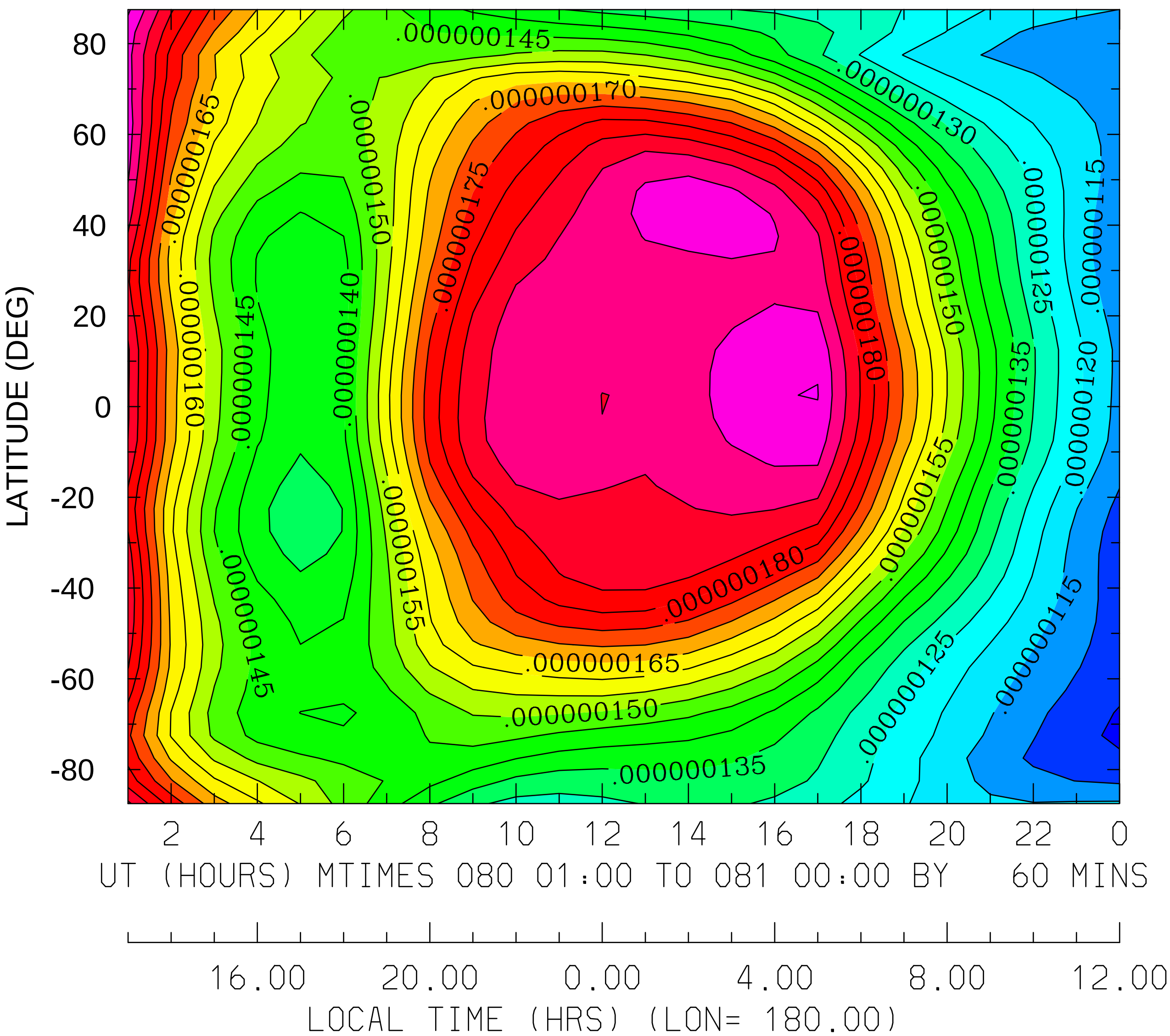
MIN,MAX= 2.5939E-06 5.5891E-06 INTERVAL= 2.0000E-07
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



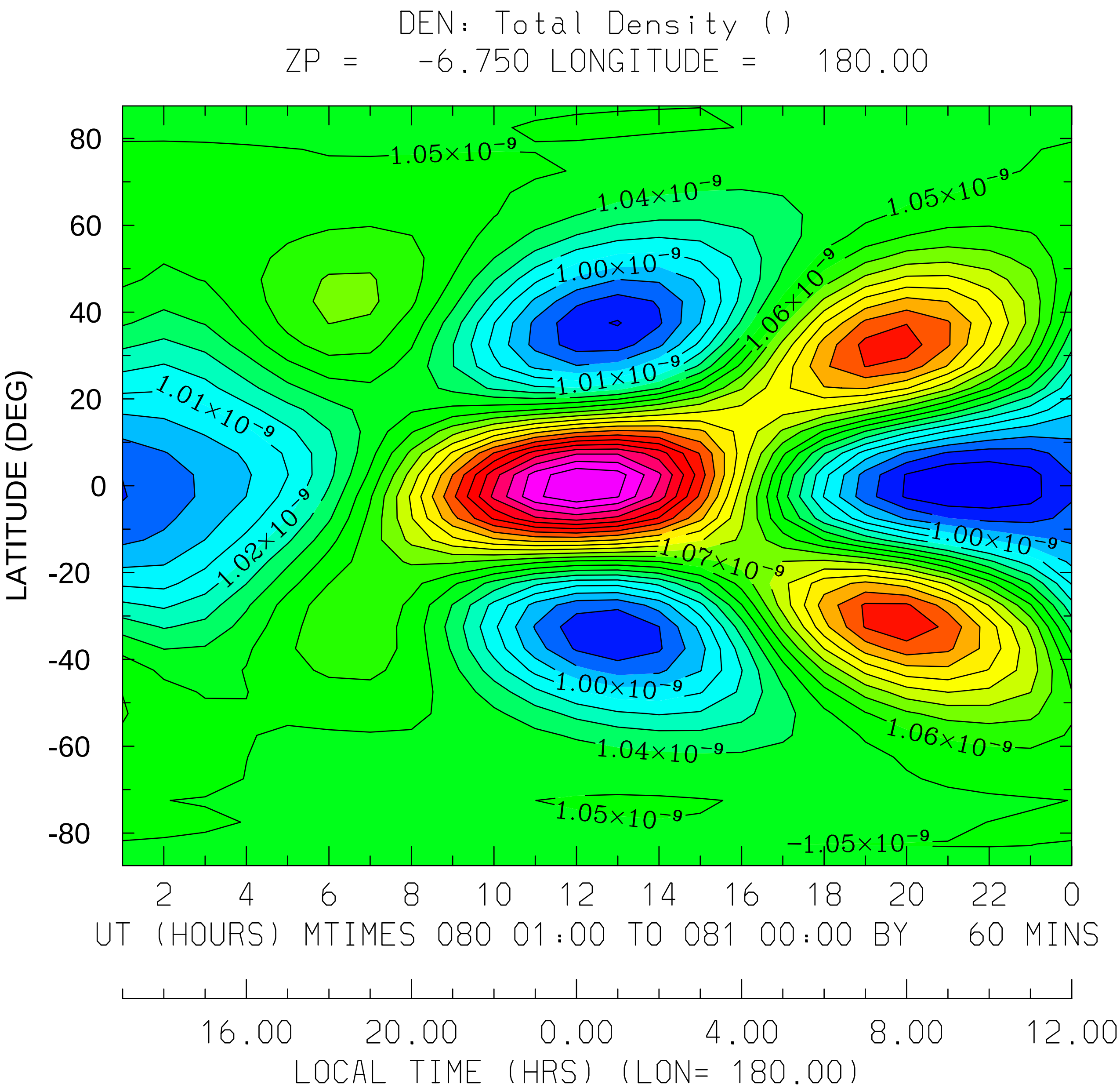
COOL_IMP: Total Implicit Cooling ()
ZP = -0.250 LONGITUDE = 180.00
LATITUDE (DEG)
80
60
40
20
0
-20
-40
-60
-80
.00000125
.00000150
.00000175
.00000200
.00000300
.00000350
.00000375
.00000400
.00000425
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00
20.00
0.00
4.00
8.00
12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 9.2680E-07 4.7485E-06 INTERVAL= 2.5000E-07
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc


COOL_IMP: Total Implicit Cooling ()
ZP = 1.750 LONGITUDE = 180.00
LATITUDE (DEG)
80
60
40
20
0
-20
-40
-60
-80
.000000300
.000000250
.000000325
.000000275
.000000350
.000000425
.000000475
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00
20.00
0.00
4.00
8.00
12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 2.2220E-07 5.6236E-07 INTERVAL= 2.5000E-08
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

COOL_IMP: Total Implicit Cooling ()
ZP = 5.750 LONGITUDE = 180.00

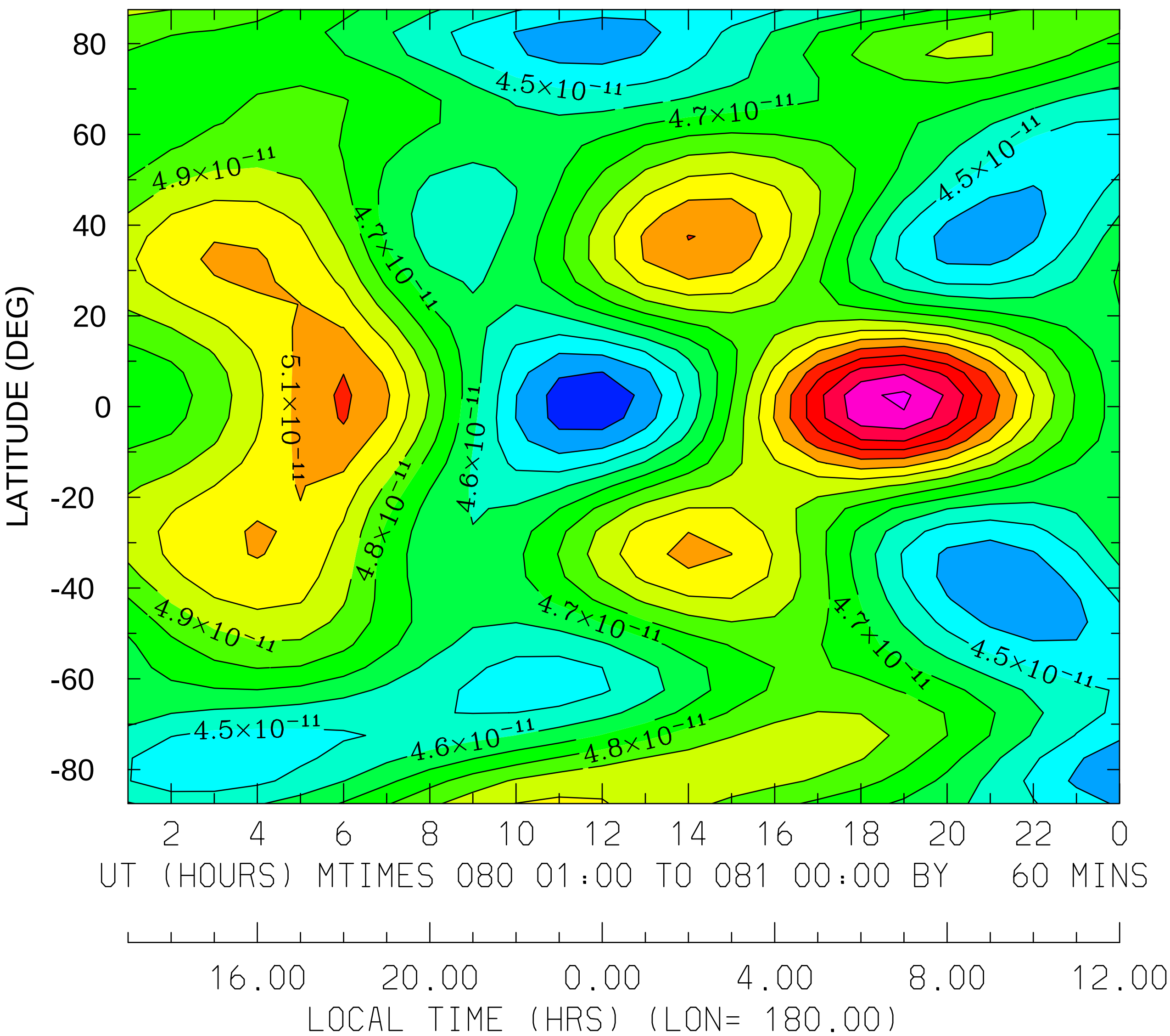


MIN,MAX= 1.0384E-07 2.0084E-07 INTERVAL= 5.0000E-09
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



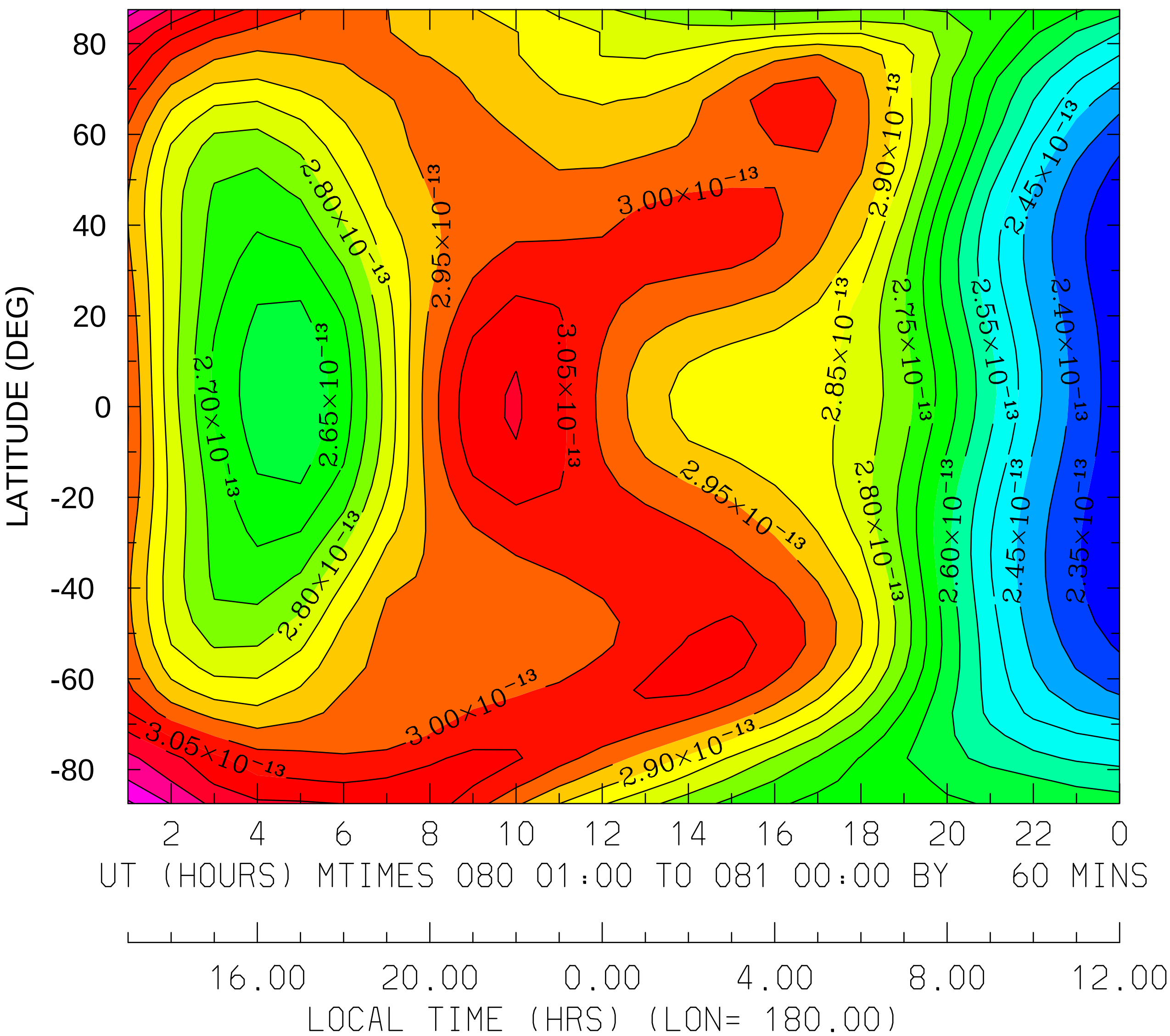
MIN,MAX= 9.6176E-10 1.1990E-09 INTERVAL= 1.0000E-11
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

DEN: Total Density ()
ZP = -4.250 LONGITUDE = 180.00

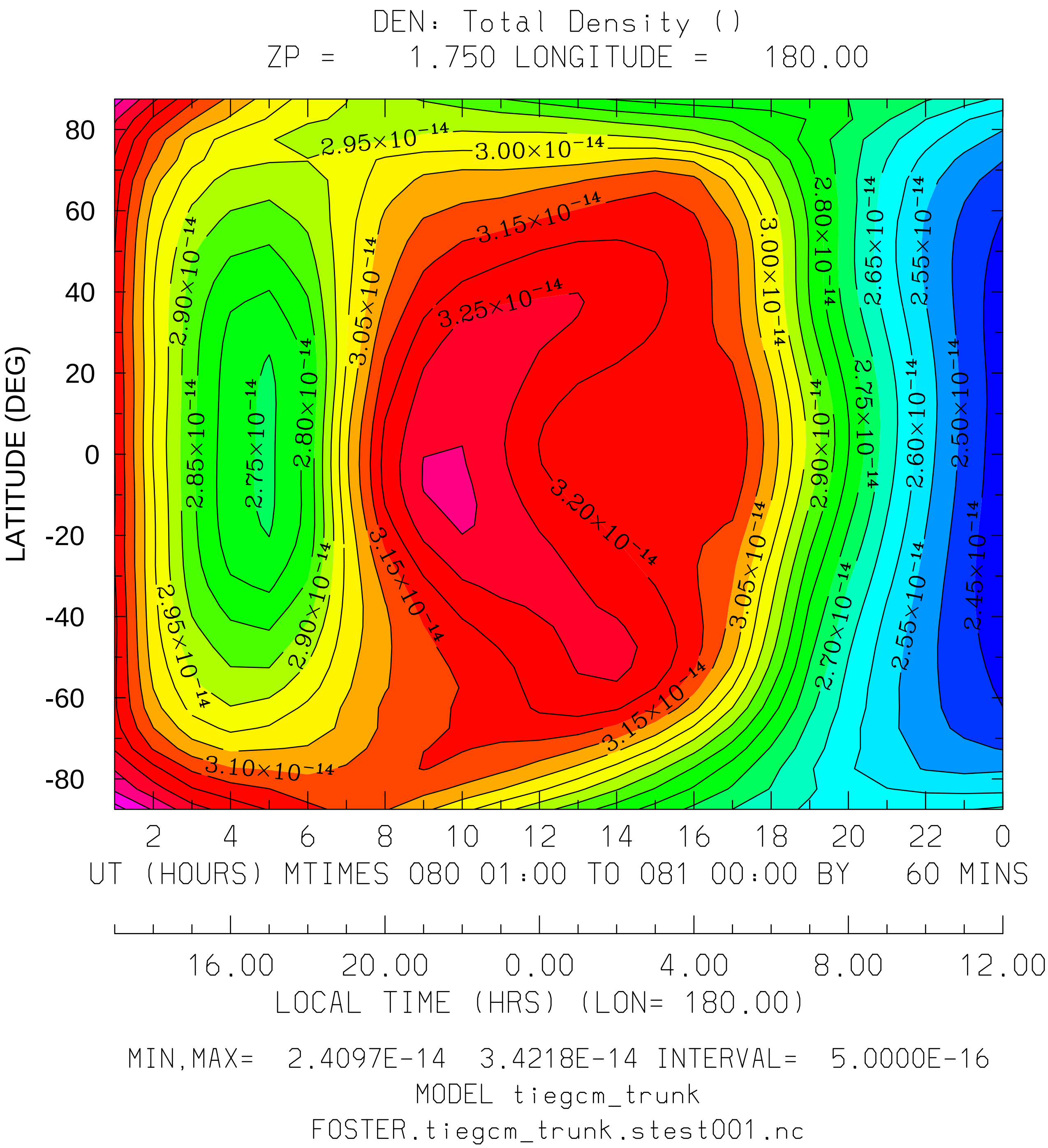


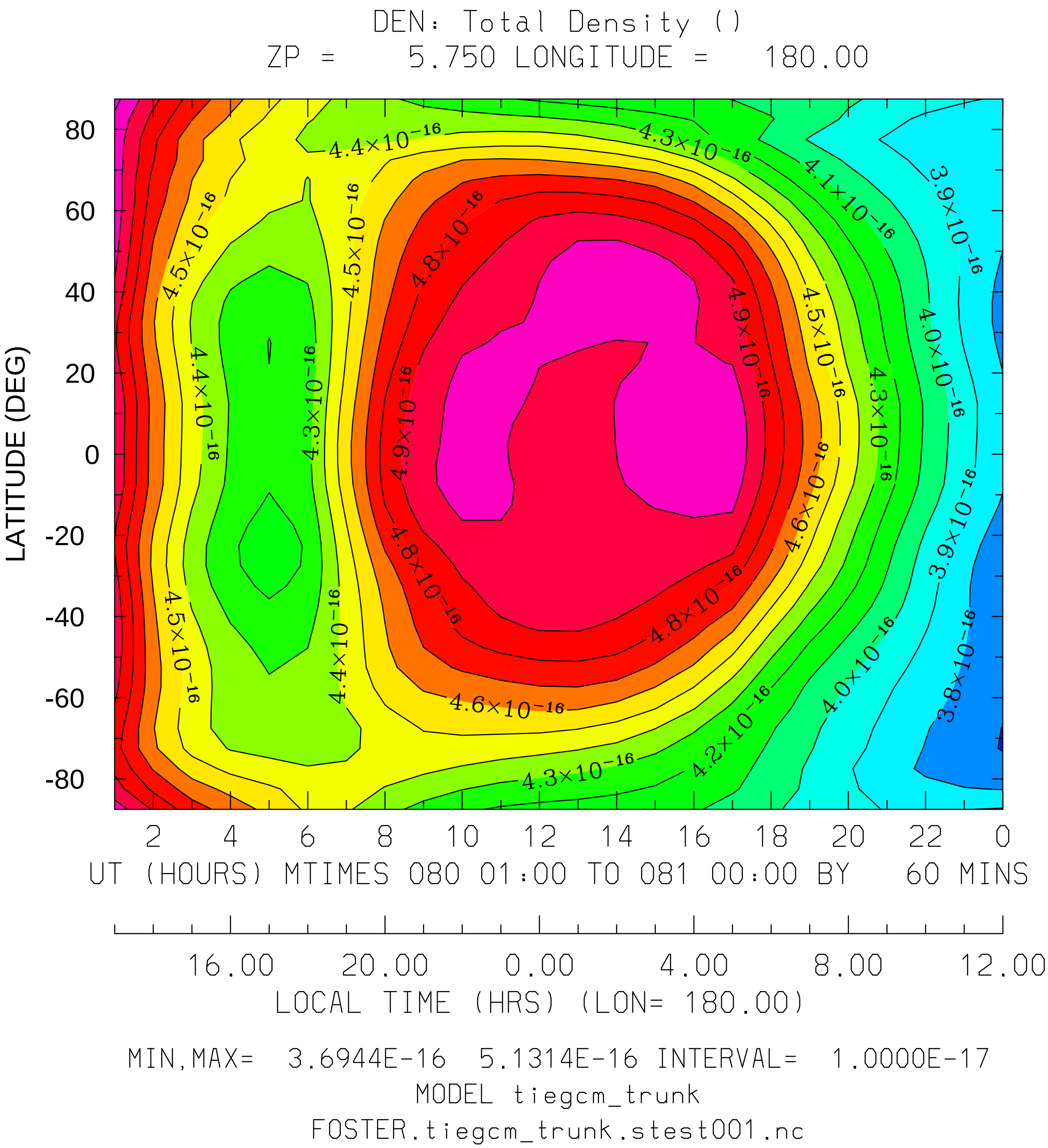
MIN,MAX= 4.2309E-11 5.6215E-11 INTERVAL= 1.0000E-12
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

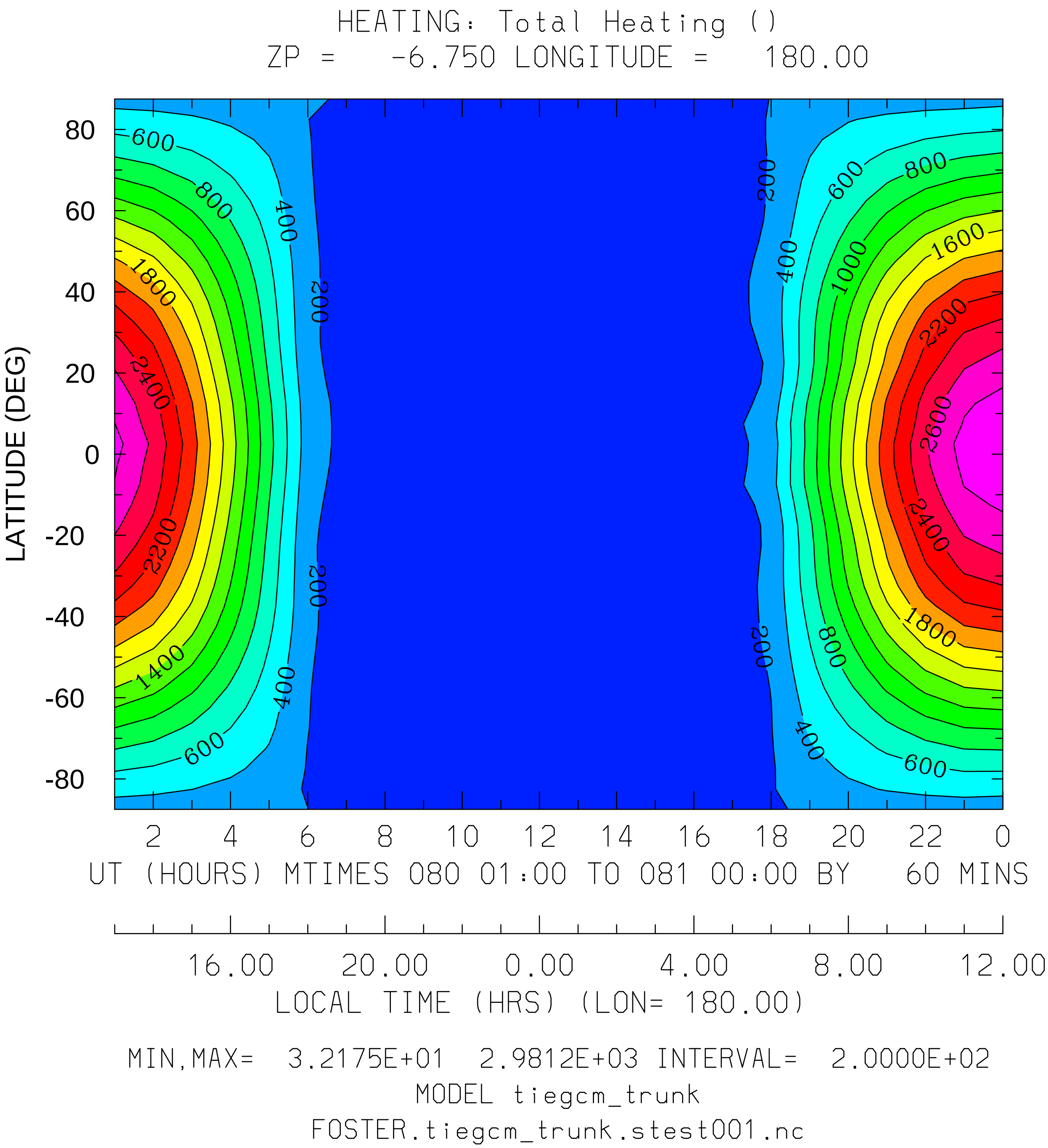
DEN: Total Density ()
ZP = -0.250 LONGITUDE = 180.00

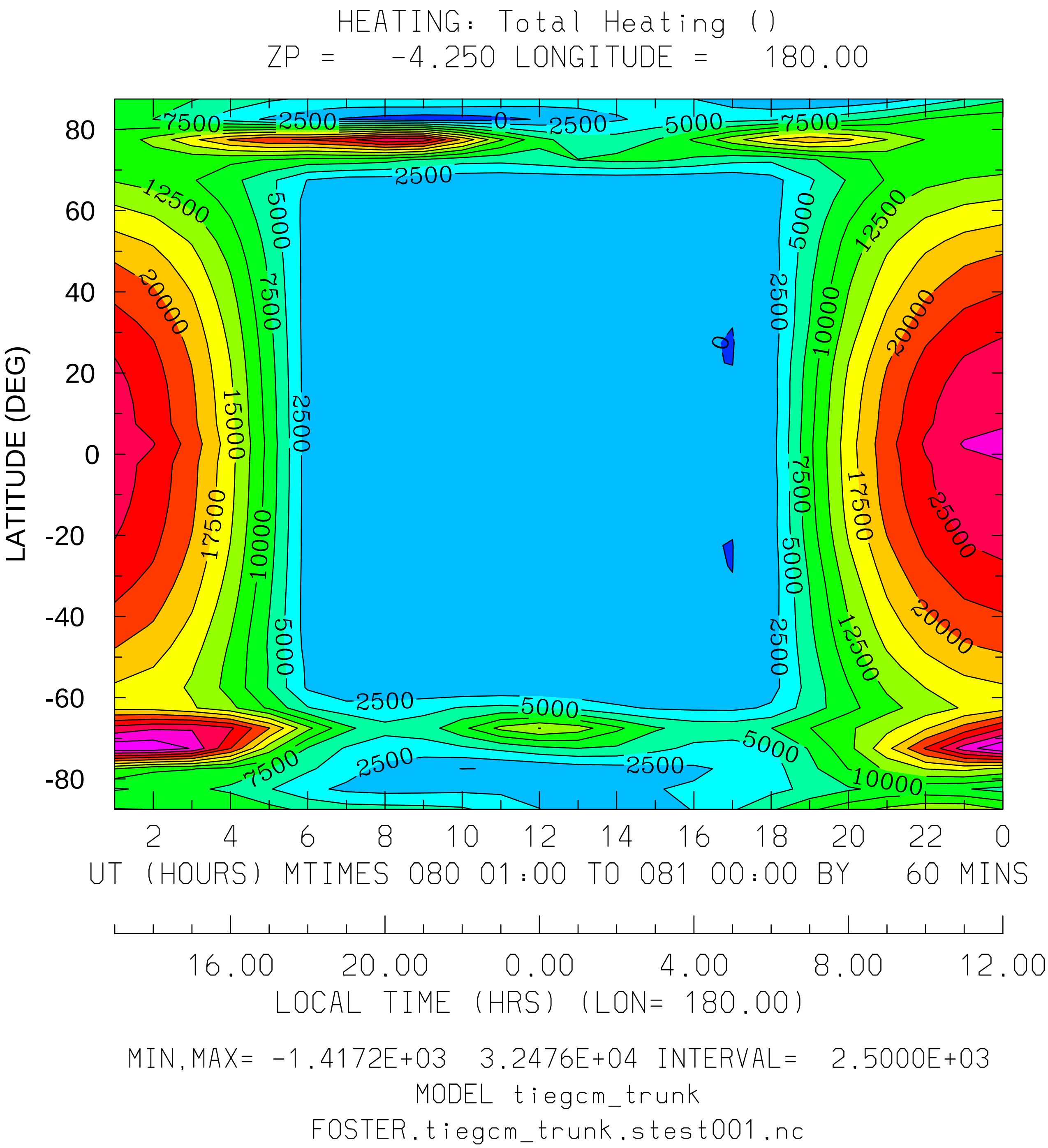


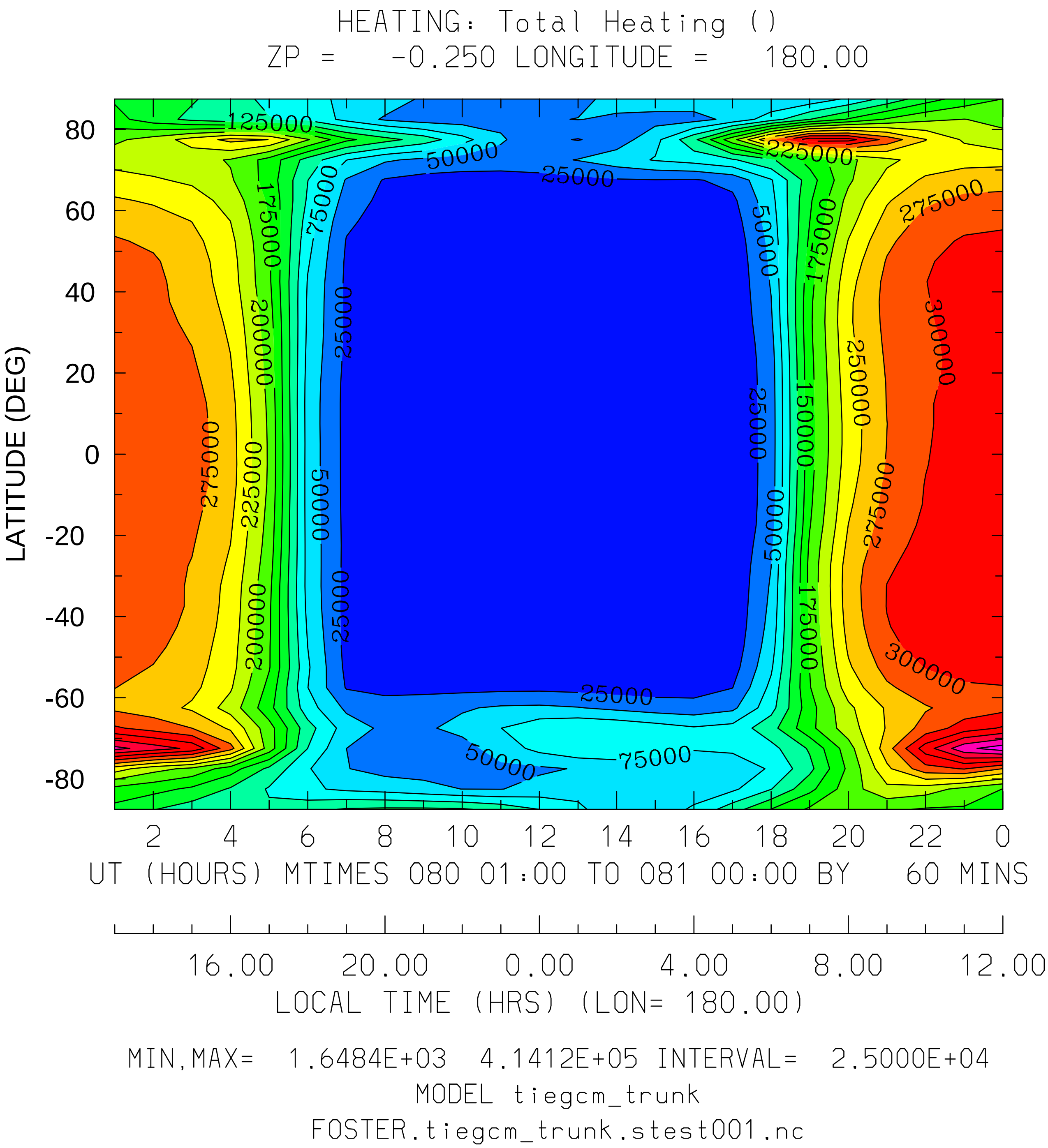
MIN,MAX= 2.3083E-13 3.2581E-13 INTERVAL= 5.0000E-15
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

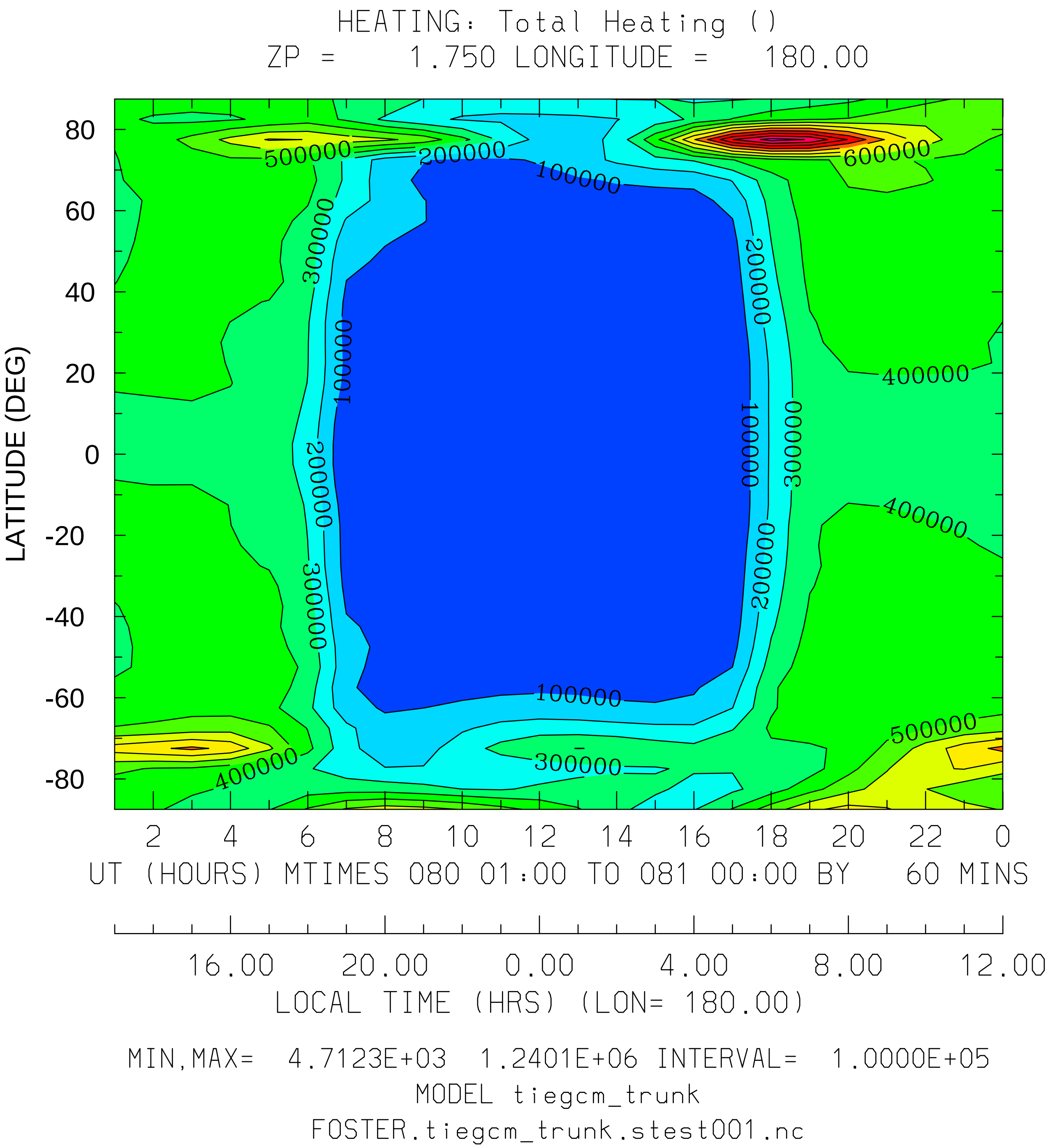

DEN: Total Density ()
ZP = 1.750 LONGITUDE = 180.00
LATITUDE (DEG)
80
60
40
20
0
-20
-40
-60
-80
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00
20.00
0.00
4.00
8.00
12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 2.4097E-14 3.4218E-14 INTERVAL= 5.0000E-16
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc


DEN: Total Density ()
ZP = 5.750 LONGITUDE = 180.00
LATITUDE (DEG)
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 3.6944E-16 5.1314E-16 INTERVAL= 1.0000E-17
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

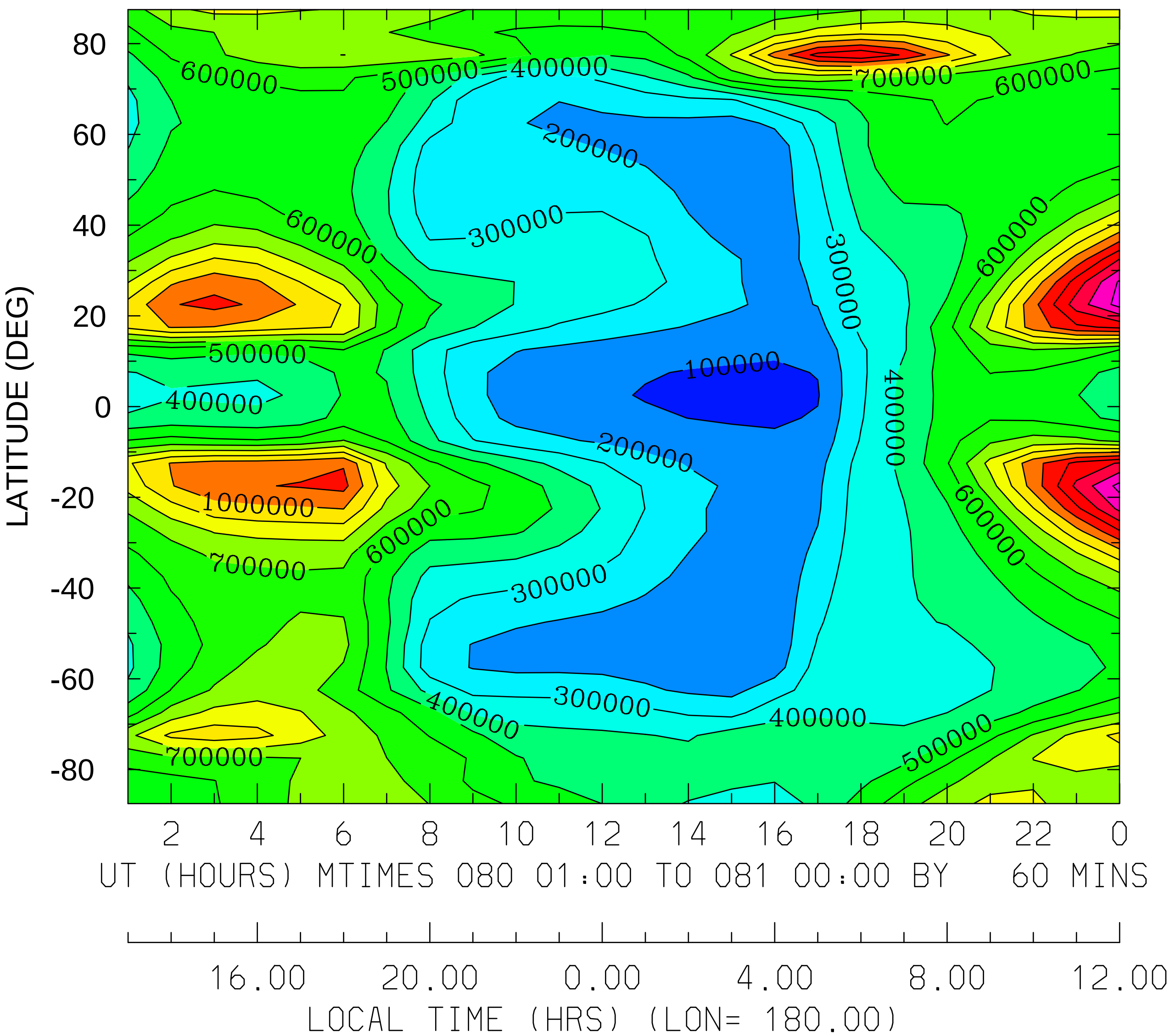

HEATING: Total Heating ()
ZP = -6.750 LONGITUDE = 180.00
LATITUDE (DEG)
80
60
40
20
0
-20
-40
-60
-80
600
800
400
200
1800
2400
2200
1400
1600
1000
2600
2 4 6 8 10 12 14 16 18 20 22 0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00 20.00 0.00 4.00 8.00 12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 3.2175E+01 2.9812E+03 INTERVAL= 2.0000E+02
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc


HEATING: Total Heating ()
ZP = -4.250 LONGITUDE = 180.00
LATITUDE (DEG)
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= -1.4172E+03 3.2476E+04 INTERVAL= 2.5000E+03
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc


HEATING: Total Heating ()
ZP = -0.250 LONGITUDE = 180.00
LATITUDE (DEG)
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 1.6484E+03 4.1412E+05 INTERVAL= 2.5000E+04
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

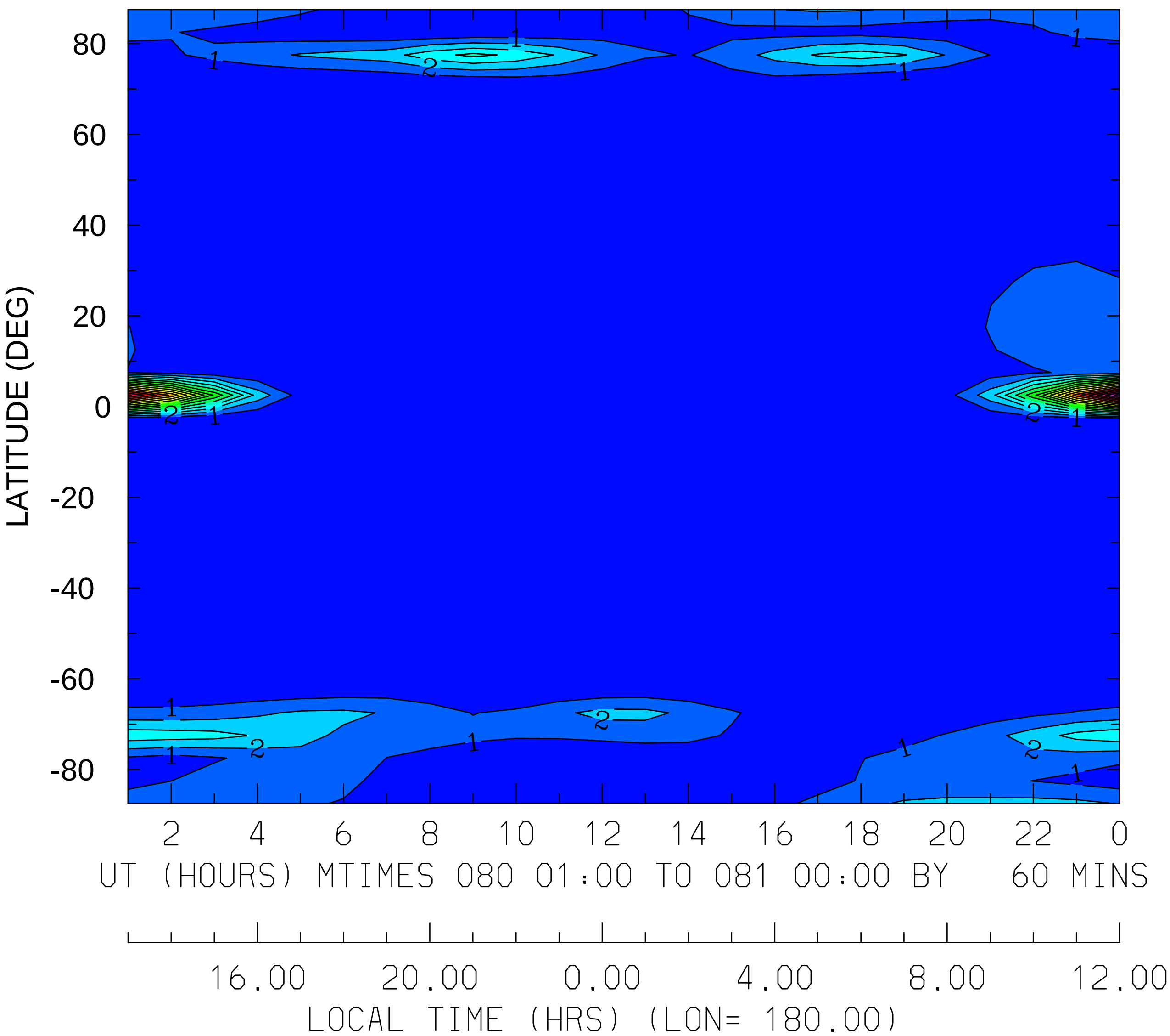

HEATING: Total Heating ()
ZP = 1.750 LONGITUDE = 180.00
LATITUDE (DEG)
80
60
40
20
0
-20
-40
-60
-80
500000
200000
100000
600000
300000
400000
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00
20.00
0.00
4.00
8.00
12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 4.7123E+03 1.2401E+06 INTERVAL= 1.0000E+05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

HEATING: Total Heating ()
ZP = 5.750 LONGITUDE = 180.00



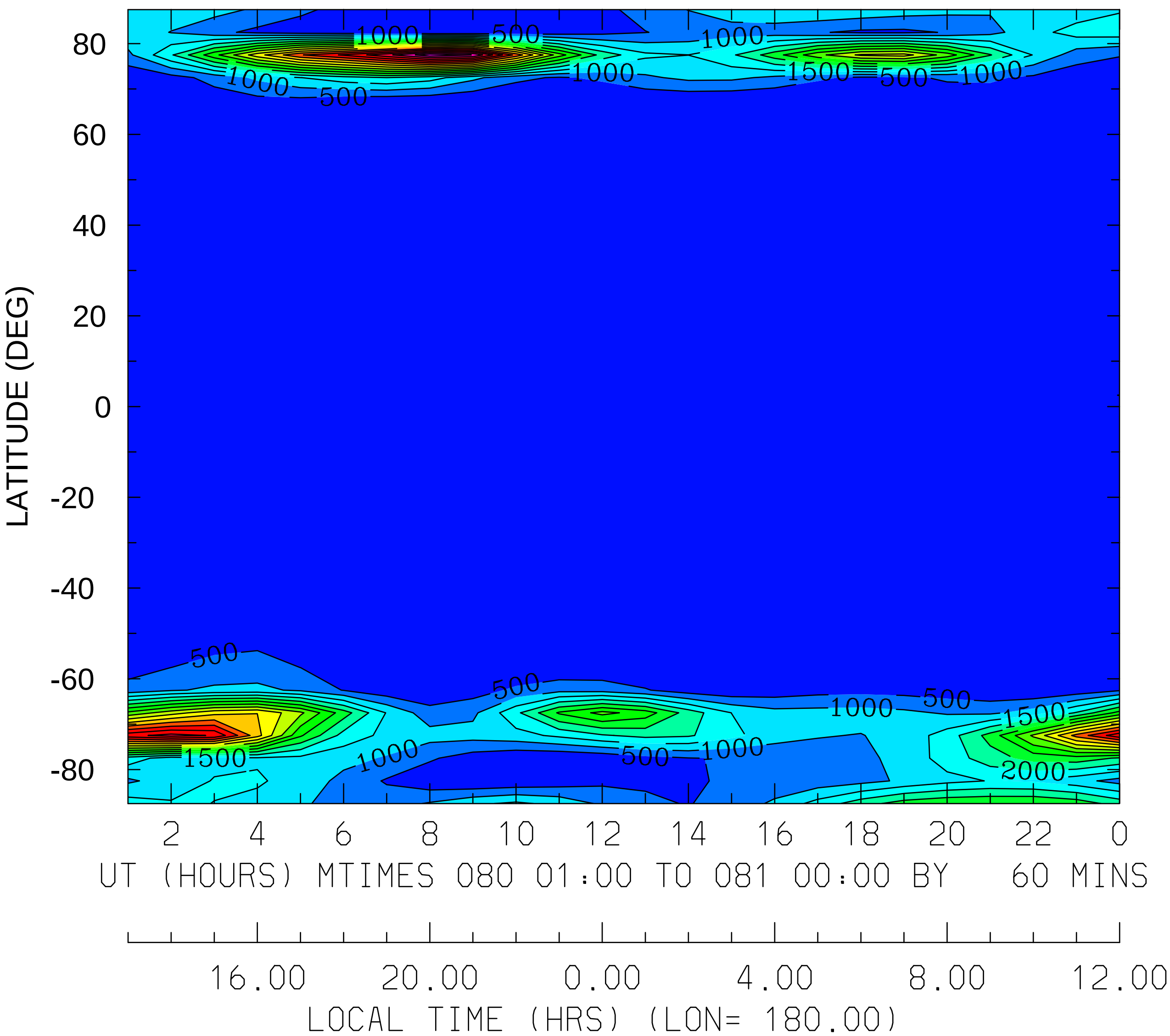
MIN,MAX= 7.3831E+04 1.5371E+06 INTERVAL= 1.0000E+05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

QJI_TI: Joule Heating from TI (ergs/s/g)
ZP = -6.750 LONGITUDE = 180.00



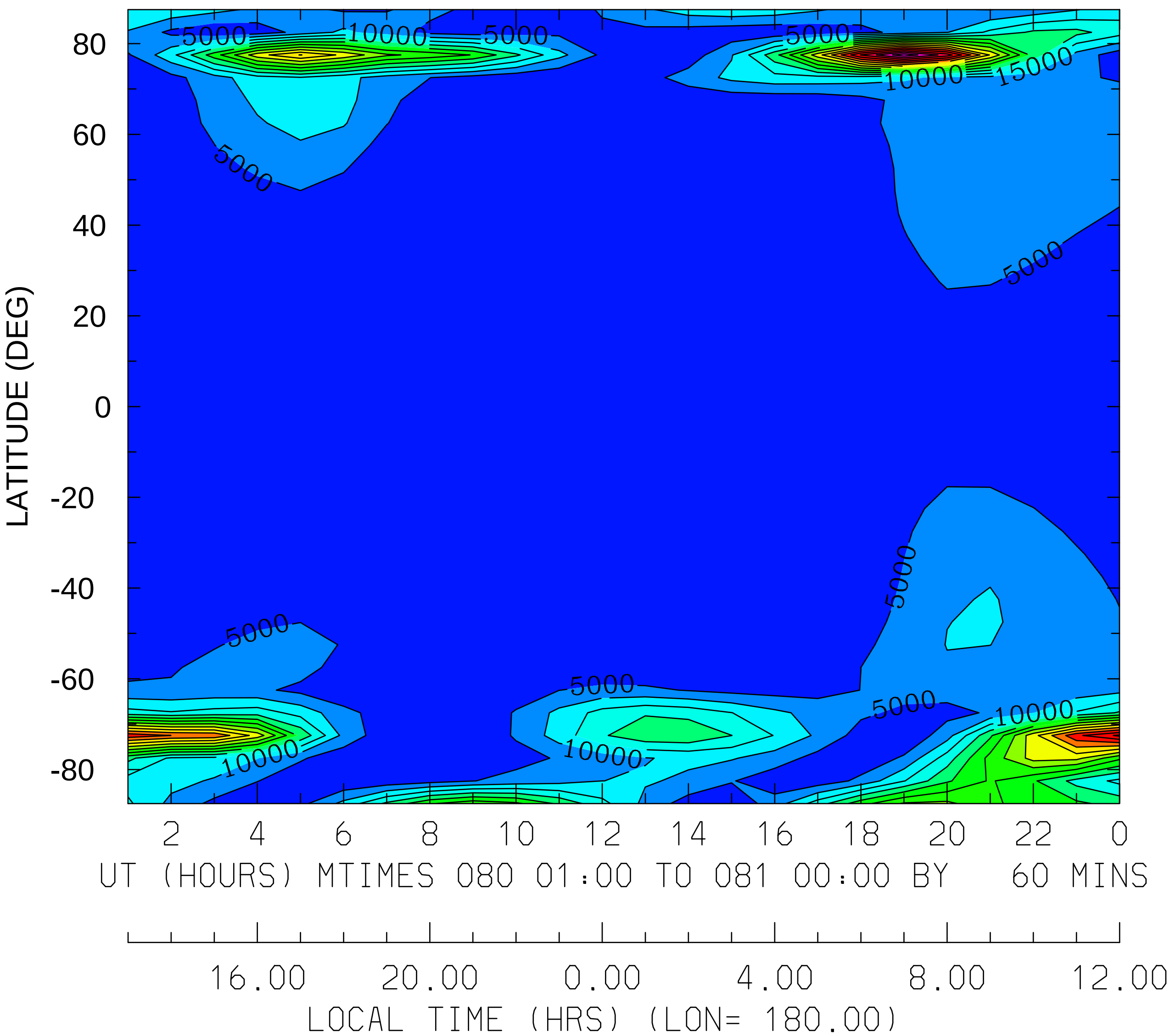
MIN,MAX= 2.7273E-04 1.7645E+01 INTERVAL= 1.0000E+00
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

QJI_TI: Joule Heating from TI (ergs/s/g)
ZP = -4.250 LONGITUDE = 180.00

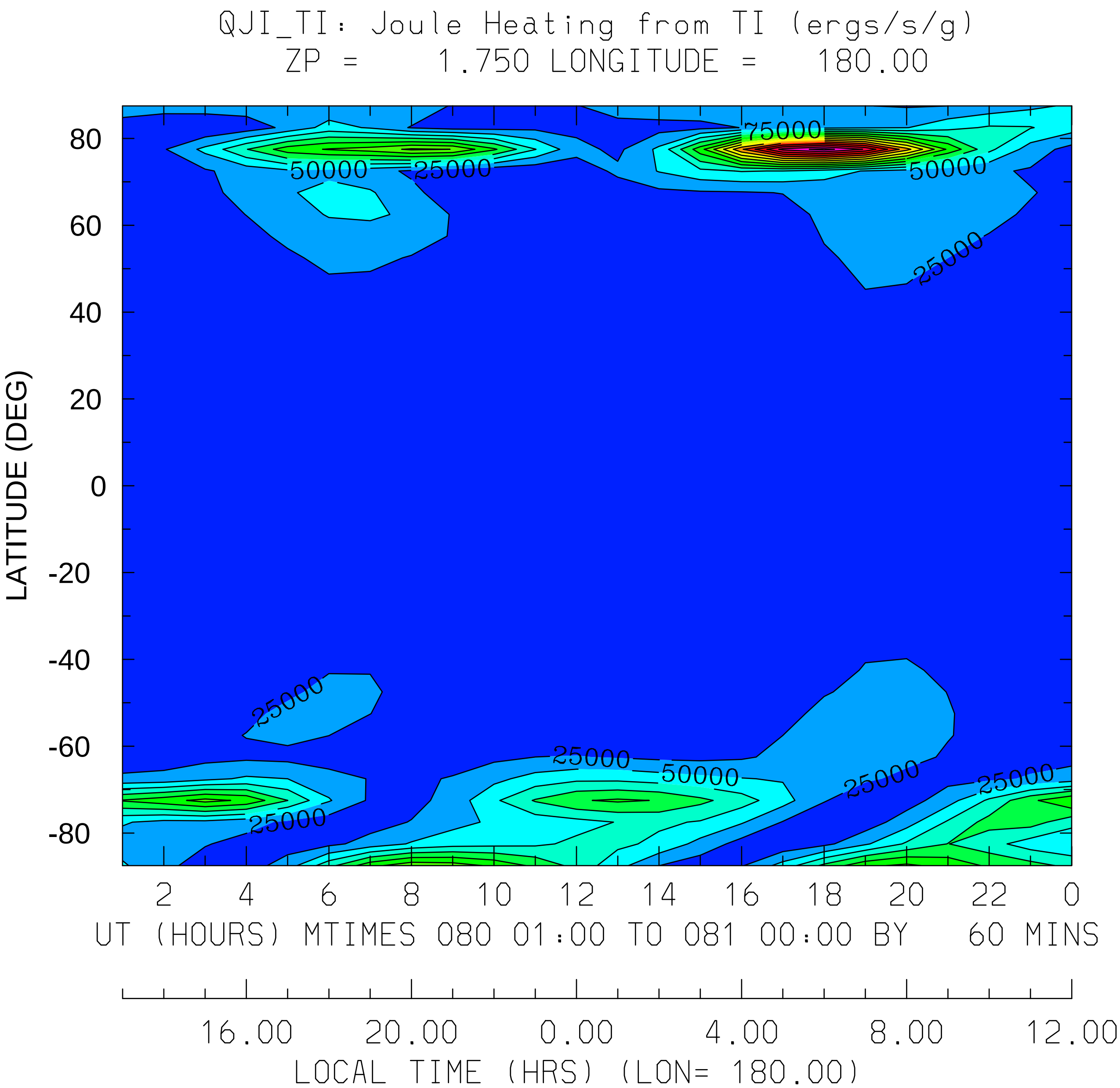


MIN,MAX= 7.9673E-03 8.3169E+03 INTERVAL= 5.0000E+02
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

QJI_TI: Joule Heating from TI (ergs/s/g)
ZP = -0.250 LONGITUDE = 180.00

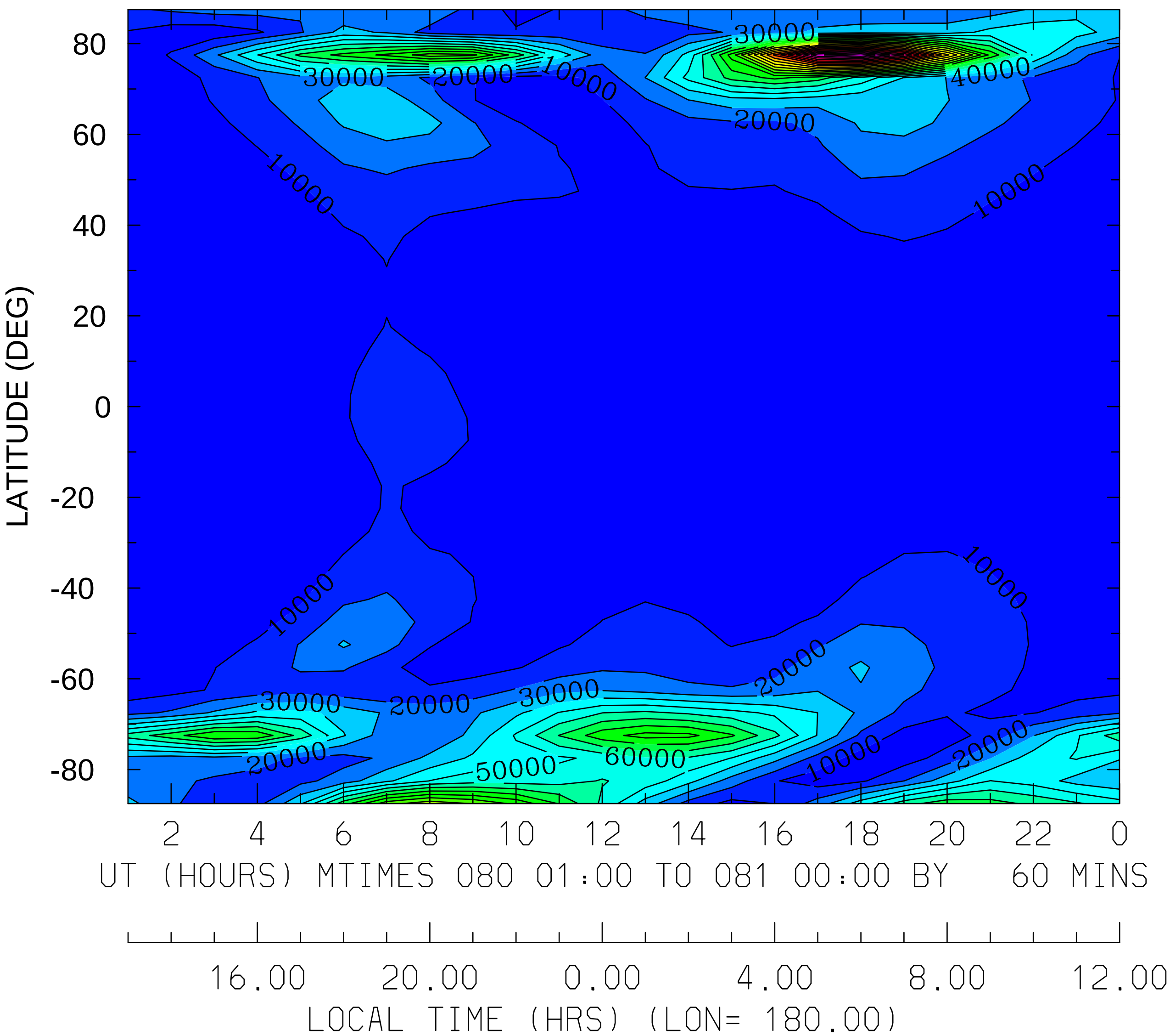


MIN,MAX= 1.2227E-01 7.8456E+04 INTERVAL= 5.0000E+03
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

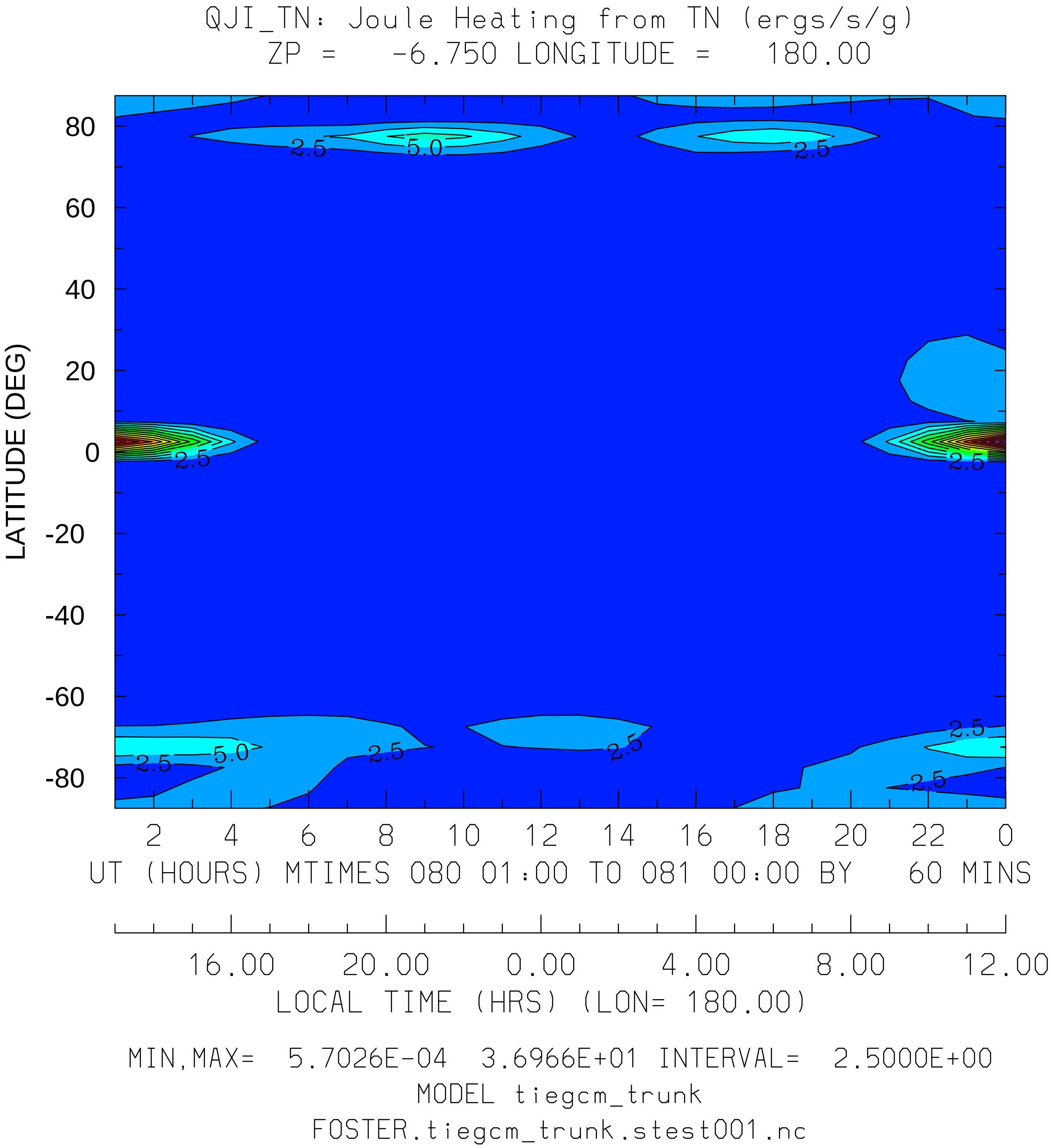


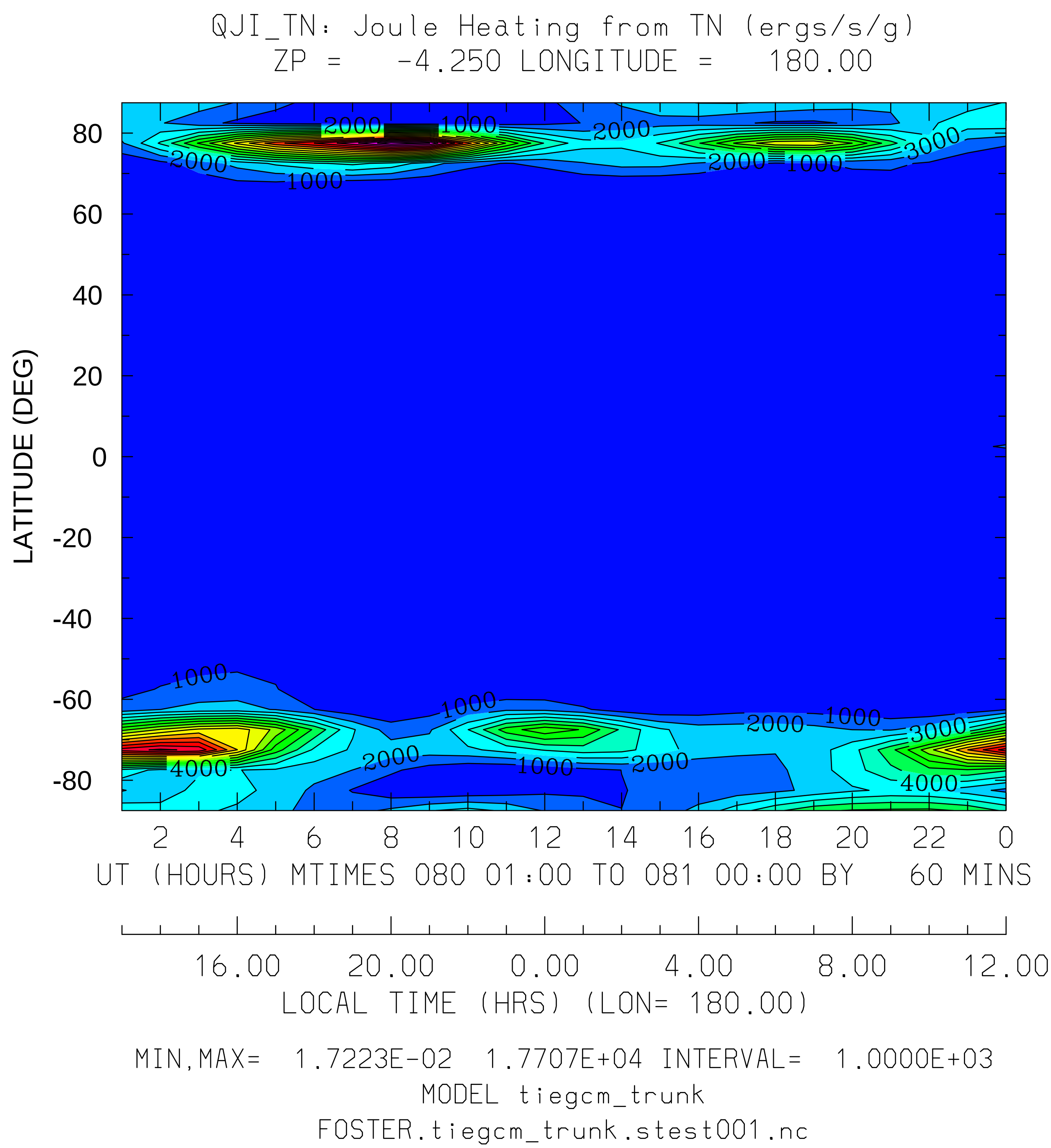
MIN,MAX= 2.7085E+01 3.5931E+05 INTERVAL= 2.5000E+04
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

QJI_TI: Joule Heating from TI (ergs/s/g)
ZP = 5.750 LONGITUDE = 180.00

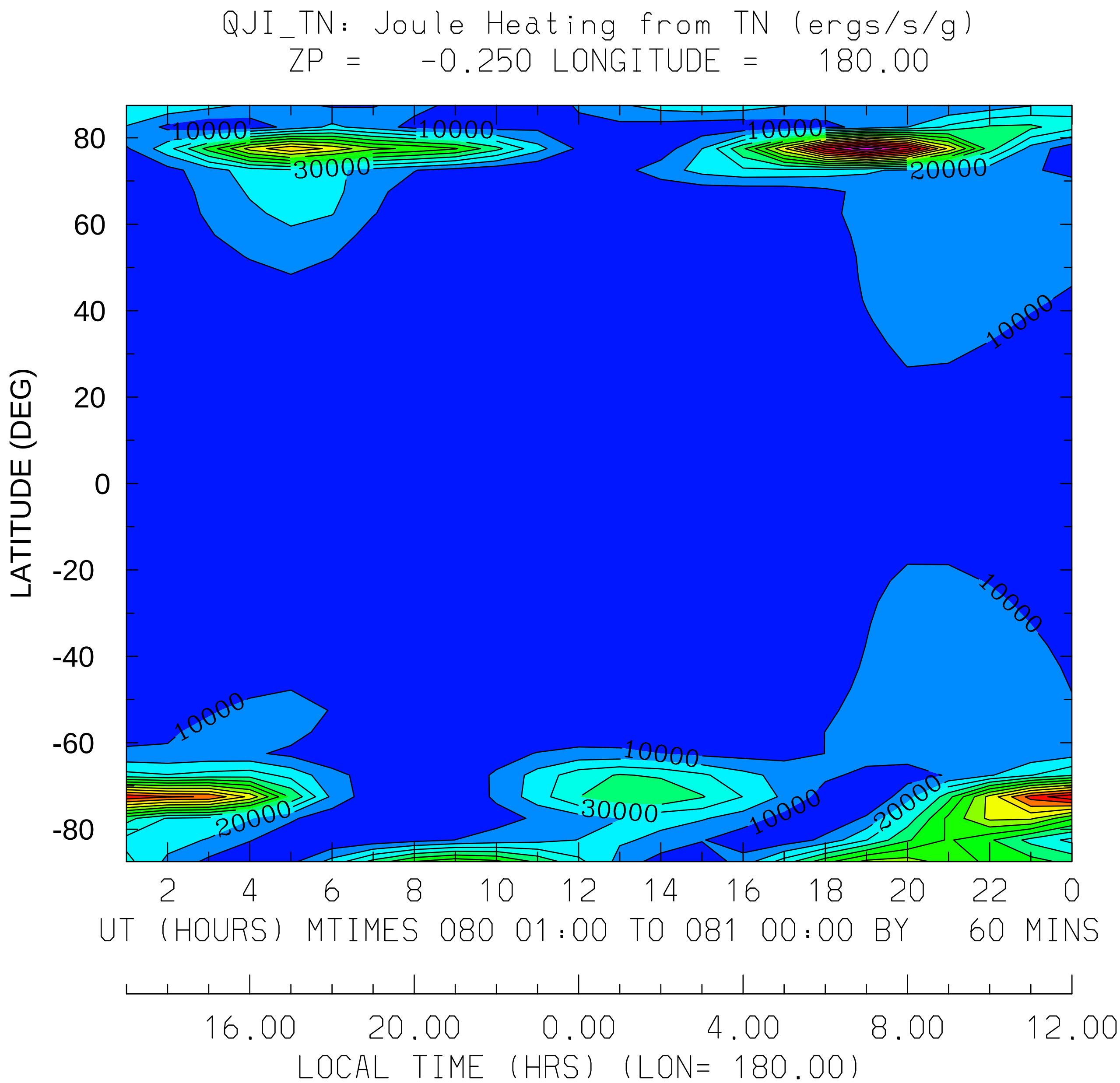


MIN,MAX= 3.7092E+01 2.2984E+05 INTERVAL= 1.0000E+04
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

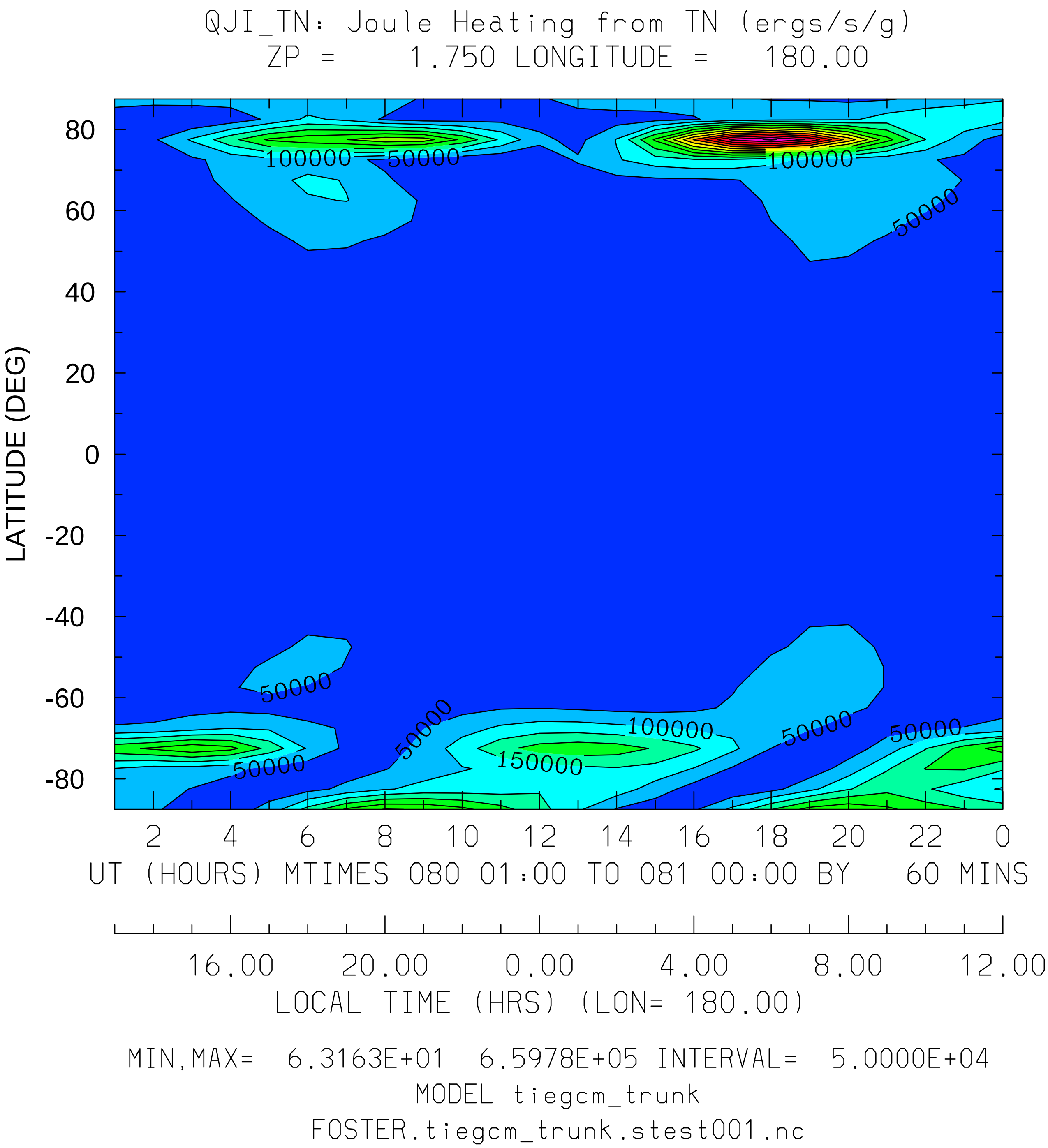

QJI_TN: Joule Heating from TN (ergs/s/g)
ZP = -6.750 LONGITUDE = 180.00
LATITUDE (DEG)
80
60
40
20
0
-20
-40
-60
-80
2.5
5.0
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00
20.00
0.00
4.00
8.00
12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 5.7026E-04 3.6966E+01 INTERVAL= 2.5000E+00
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



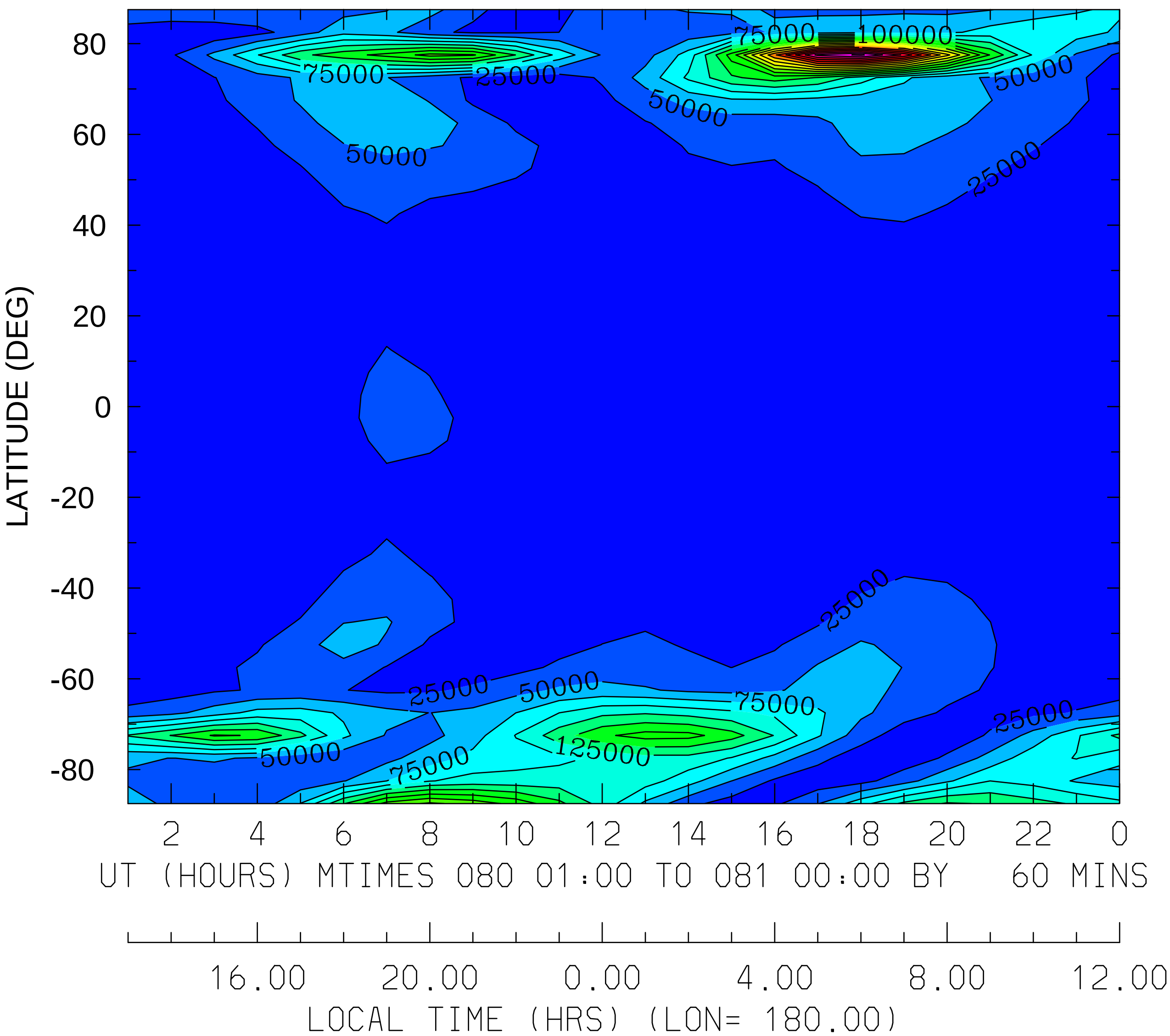
QJI_TN: Joule Heating from TN (ergs/s/g)
ZP = -4.250 LONGITUDE = 180.00
LATITUDE (DEG)
80
60
40
20
0
-20
-40
-60
-80
2000
1000
2000
3000
4000
2 4 6 8 10 12 14 16 18 20 22 0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00 20.00 0.00 4.00 8.00 12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 1.7223E-02 1.7707E+04 INTERVAL= 1.0000E+03
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



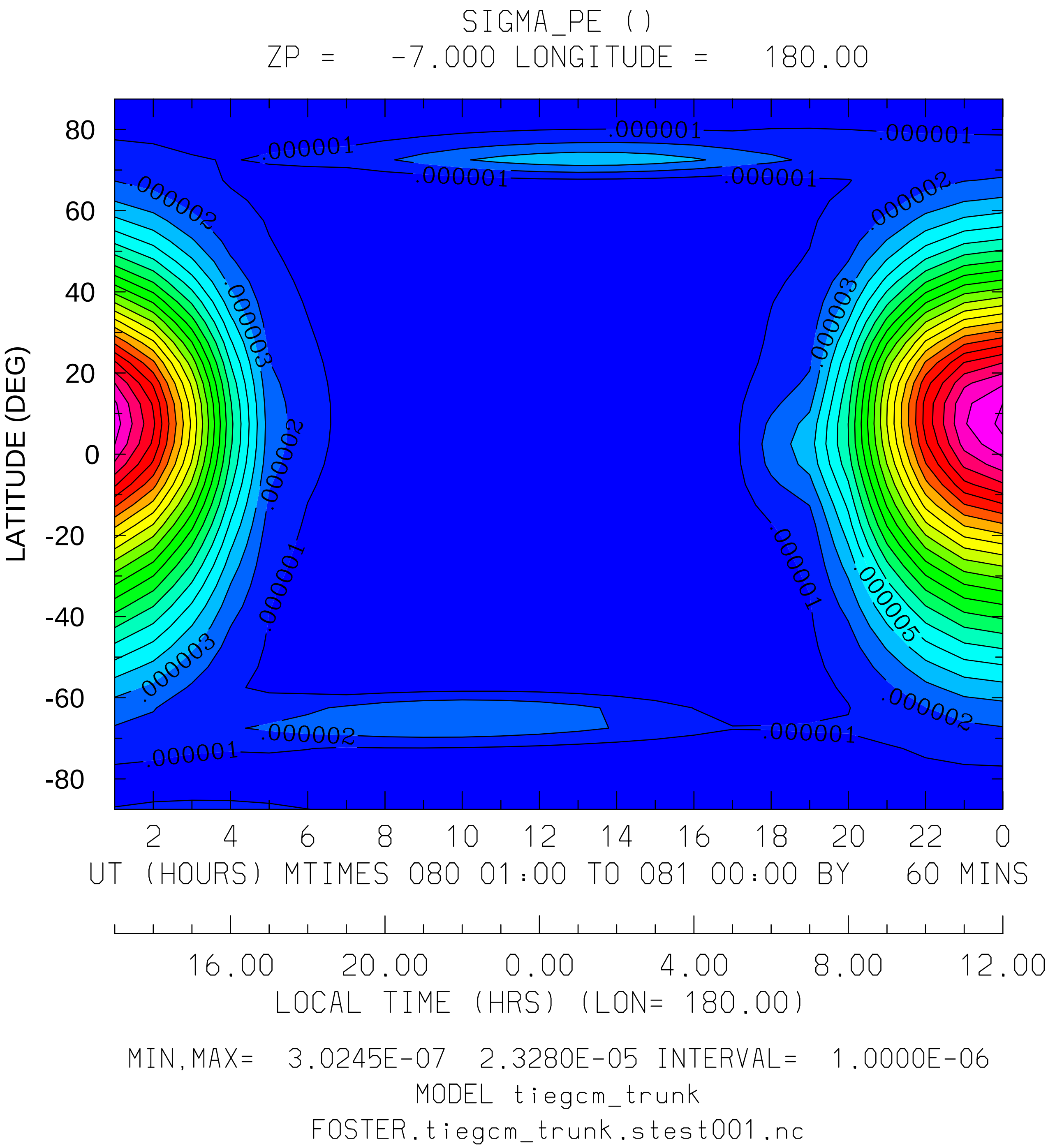
MIN,MAX= 3.0972E-01 1.5889E+05 INTERVAL= 1.0000E+04
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

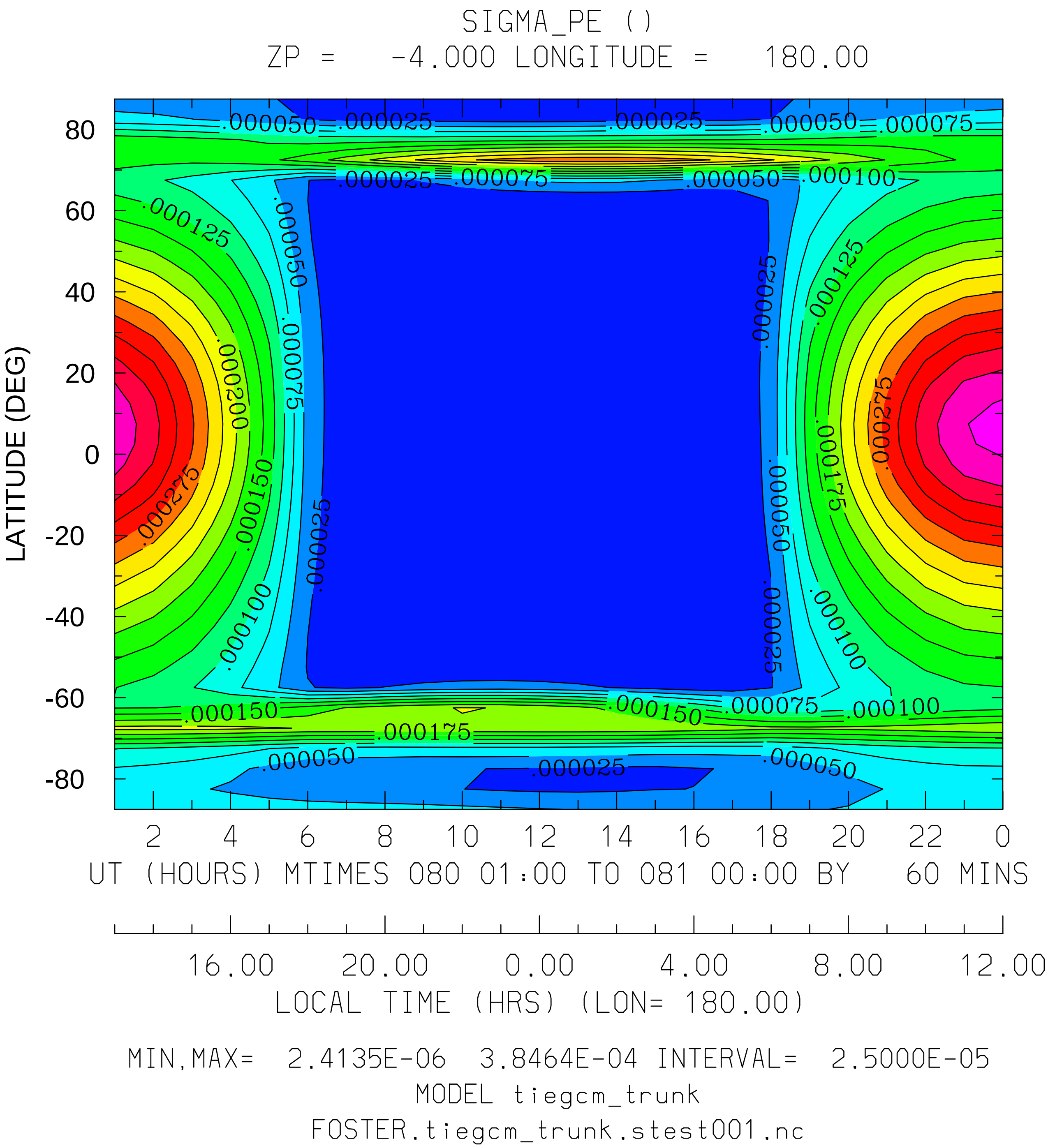

QJI_TN: Joule Heating from TN (ergs/s/g)
ZP = 1.750 LONGITUDE = 180.00
LATITUDE (DEG)
80
60
40
20
0
-20
-40
-60
-80
100000
50000
100000
50000
50000
50000
100000
50000
50000
150000
50000
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00
20.00
0.00
4.00
8.00
12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 6.3163E+01 6.5978E+05 INTERVAL= 5.0000E+04
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

QJI_TN: Joule Heating from TN (ergs/s/g)
ZP = 5.750 LONGITUDE = 180.00

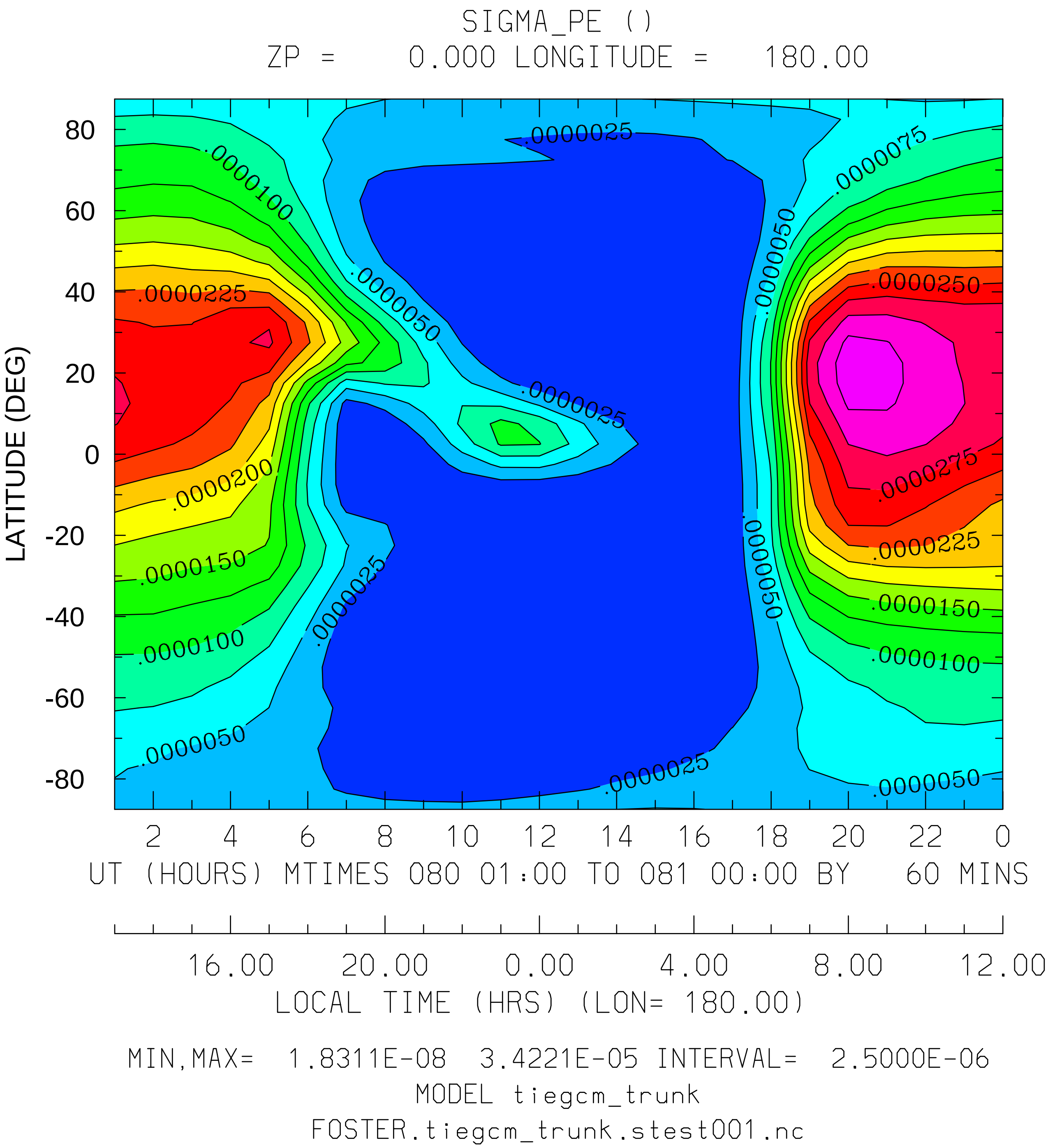


MIN,MAX= 6.9131E+01 4.5471E+05 INTERVAL= 2.5000E+04
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

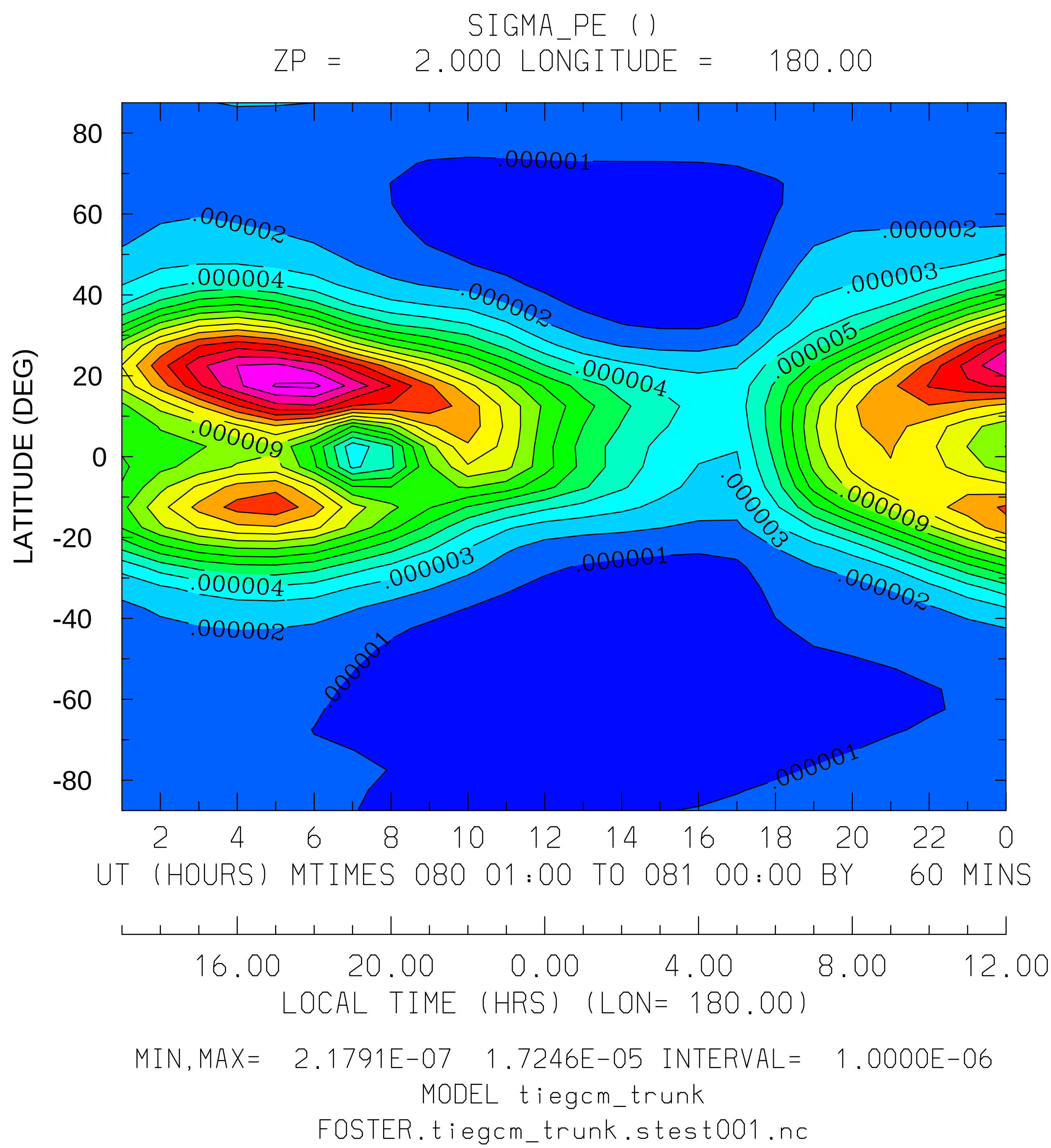

SIGMA_PE ()
ZP = -7.000 LONGITUDE = 180.00
LATITUDE (DEG)
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 3.0245E-07 2.3280E-05 INTERVAL= 1.0000E-06
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

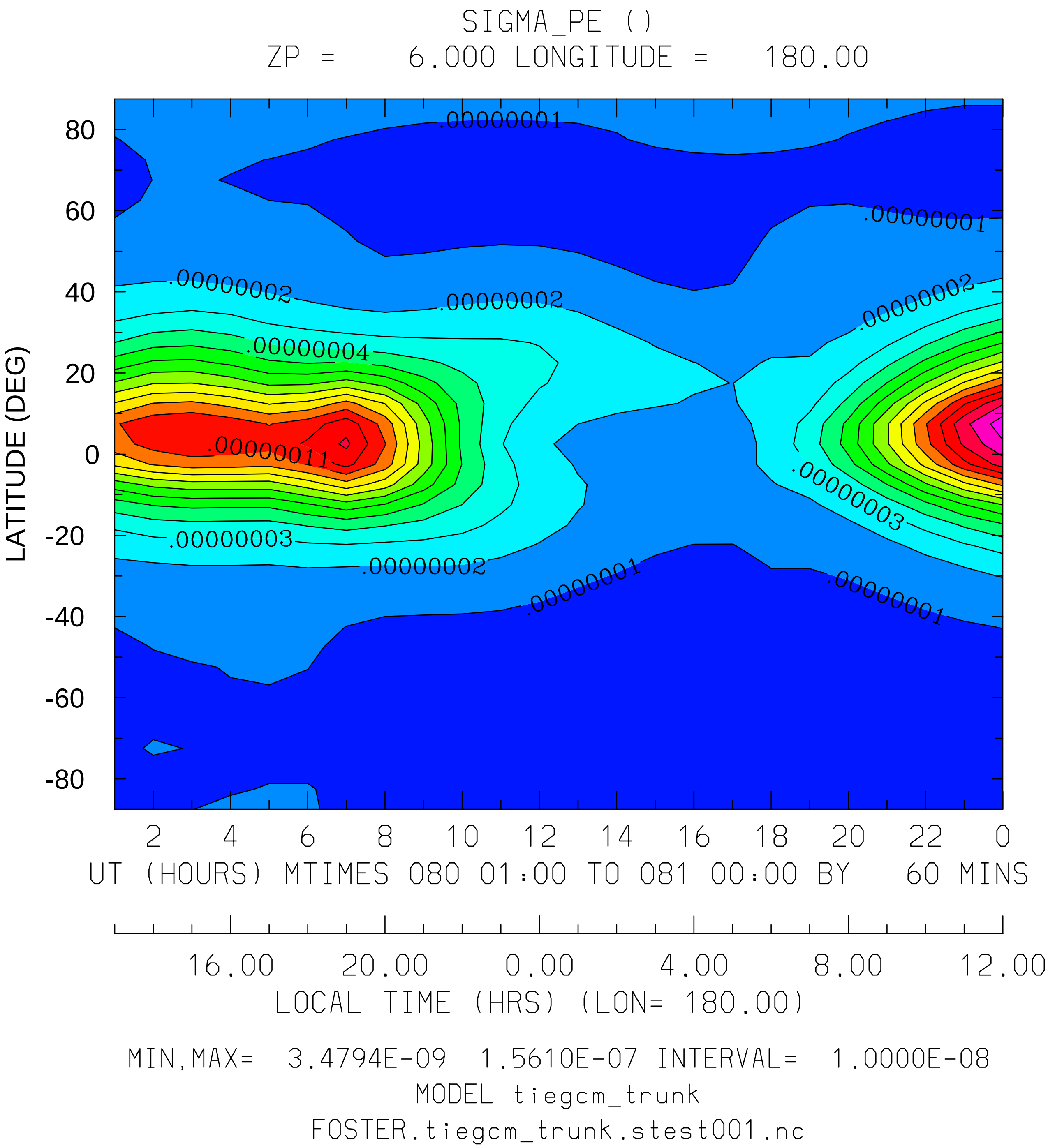


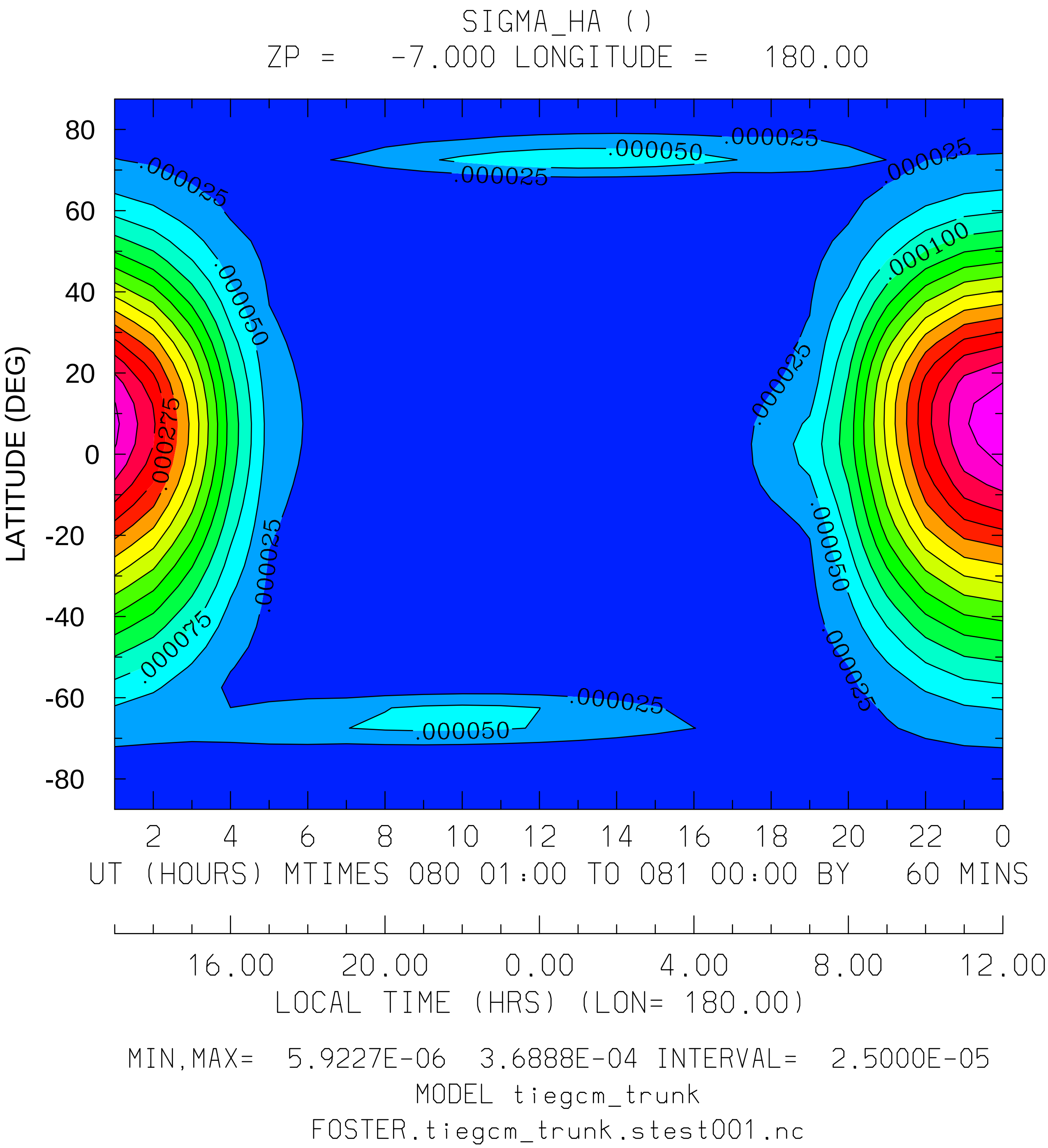
SIGMA_PE ()
ZP = -4.000 LONGITUDE = 180.00
LATITUDE (DEG)
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 2.4135E-06 3.8464E-04 INTERVAL= 2.5000E-05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



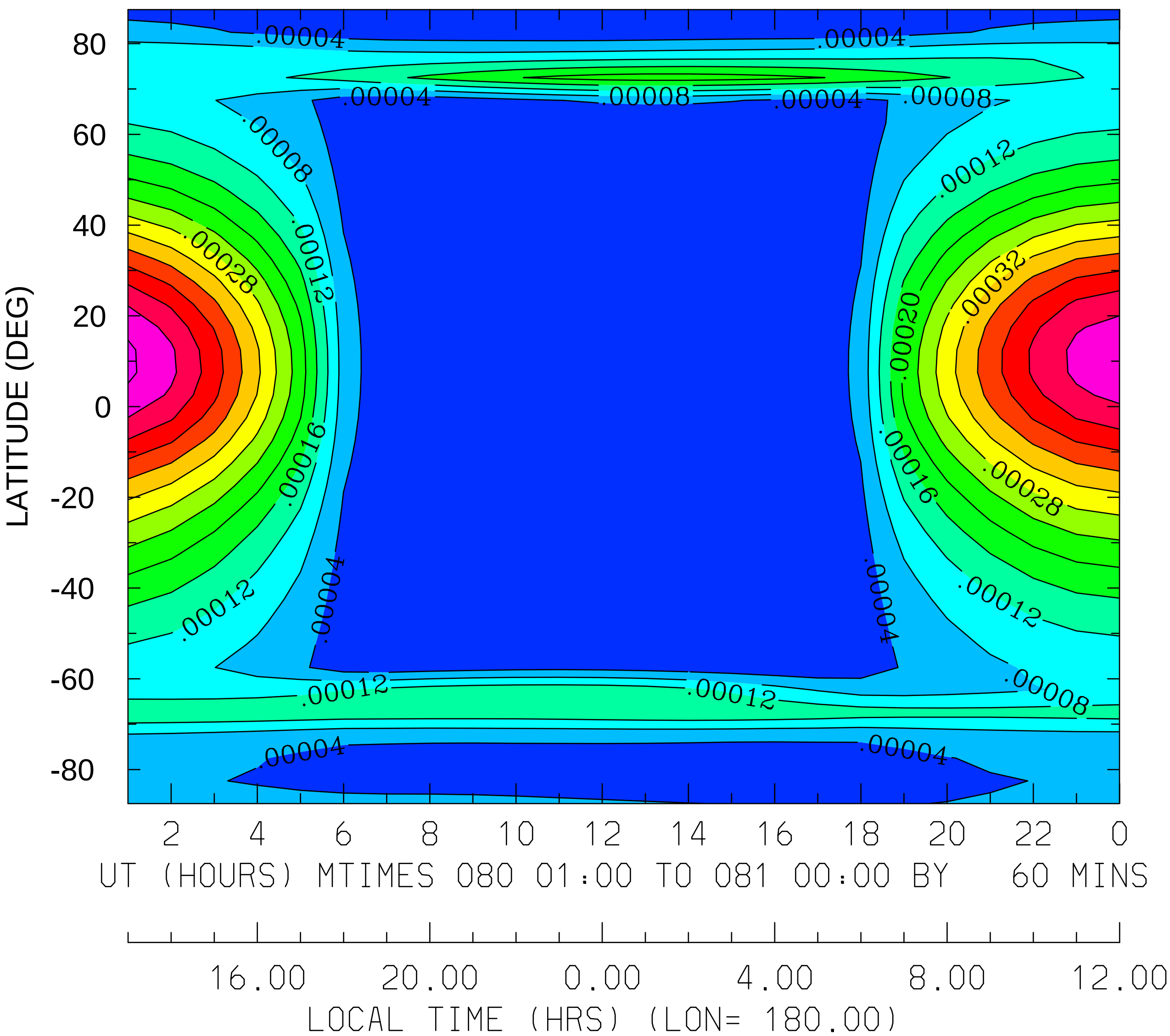
SIGMA_PE ()
ZP = 0.000 LONGITUDE = 180.00
LATITUDE (DEG)
80
60
40
20
0
-20
-40
-60
-80
.0000025
.0000050
.0000075
.0000100
.0000150
.0000200
.0000225
.0000250
.0000275
2 4 6 8 10 12 14 16 18 20 22 0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00 20.00 0.00 4.00 8.00 12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 1.8311E-08 3.4221E-05 INTERVAL= 2.5000E-06
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc


SIGMA_PE ()
ZP = 2.000 LONGITUDE = 180.00
LATITUDE (DEG)
80
60
40
20
0
-20
-40
-60
-80
.000001
.000002
.000003
.000004
.000005
.000009
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00
20.00
0.00
4.00
8.00
12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 2.1791E-07 1.7246E-05 INTERVAL= 1.0000E-06
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc


SIGMA_PE ()
ZP = 6.000 LONGITUDE = 180.00
LATITUDE (DEG)
80
60
40
20
0
-20
-40
-60
-80
.00000001
.00000001
.00000002
.00000002
.00000002
.00000004
.00000011
.00000003
.00000003
.00000002
.00000001
.00000001
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00
20.00
0.00
4.00
8.00
12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 3.4794E-09 1.5610E-07 INTERVAL= 1.0000E-08
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

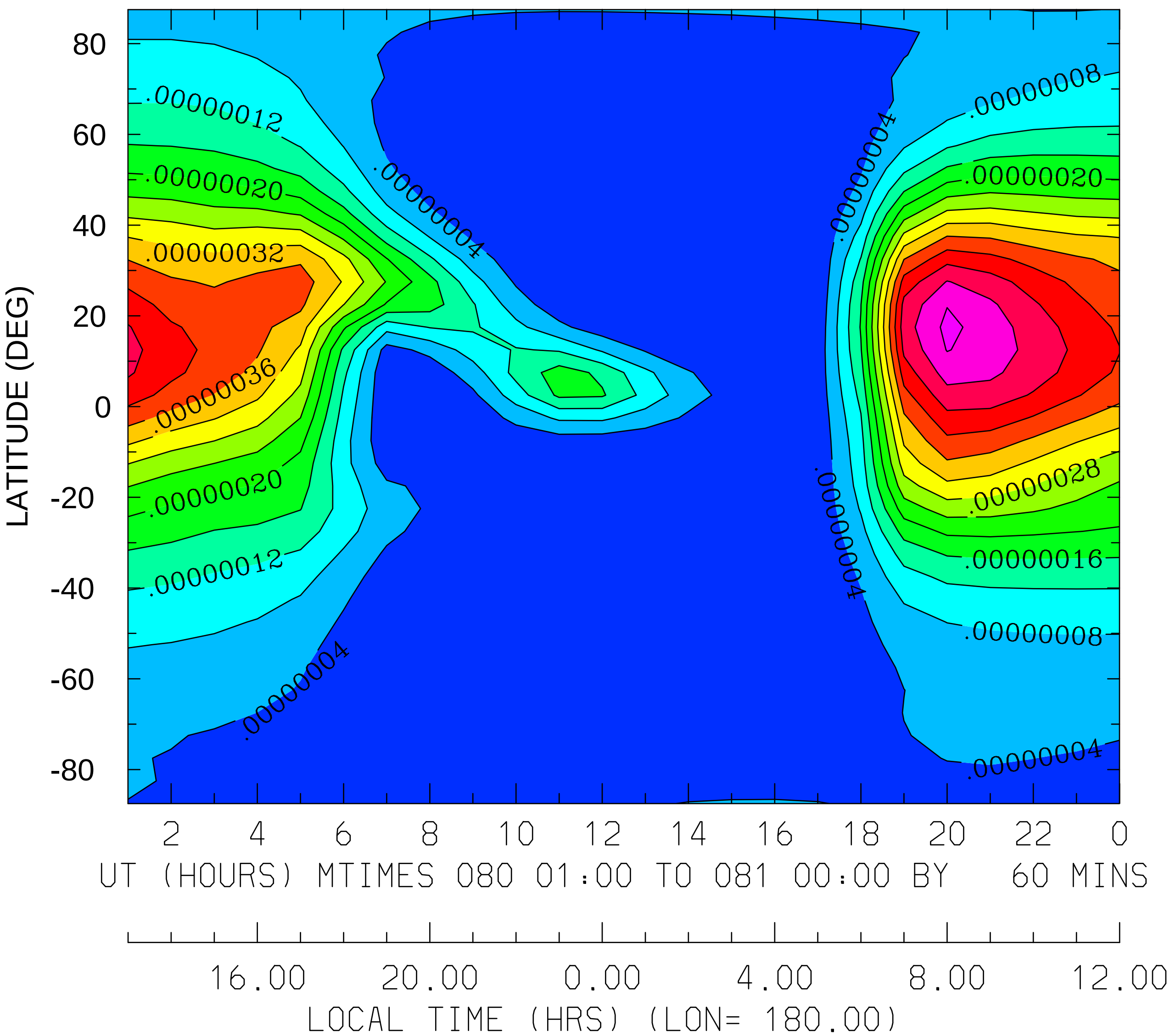

SIGMA_HA ()
ZP = -7.000 LONGITUDE = 180.00
80
60
40
20
0
-20
-40
-60
-80
LATITUDE (DEG)
.000025
.000050
.000075
.000100
.000275
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00
20.00
0.00
4.00
8.00
12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= 5.9227E-06 3.6888E-04 INTERVAL= 2.5000E-05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

SIGMA_HA ()
ZP = -4.000 LONGITUDE = 180.00



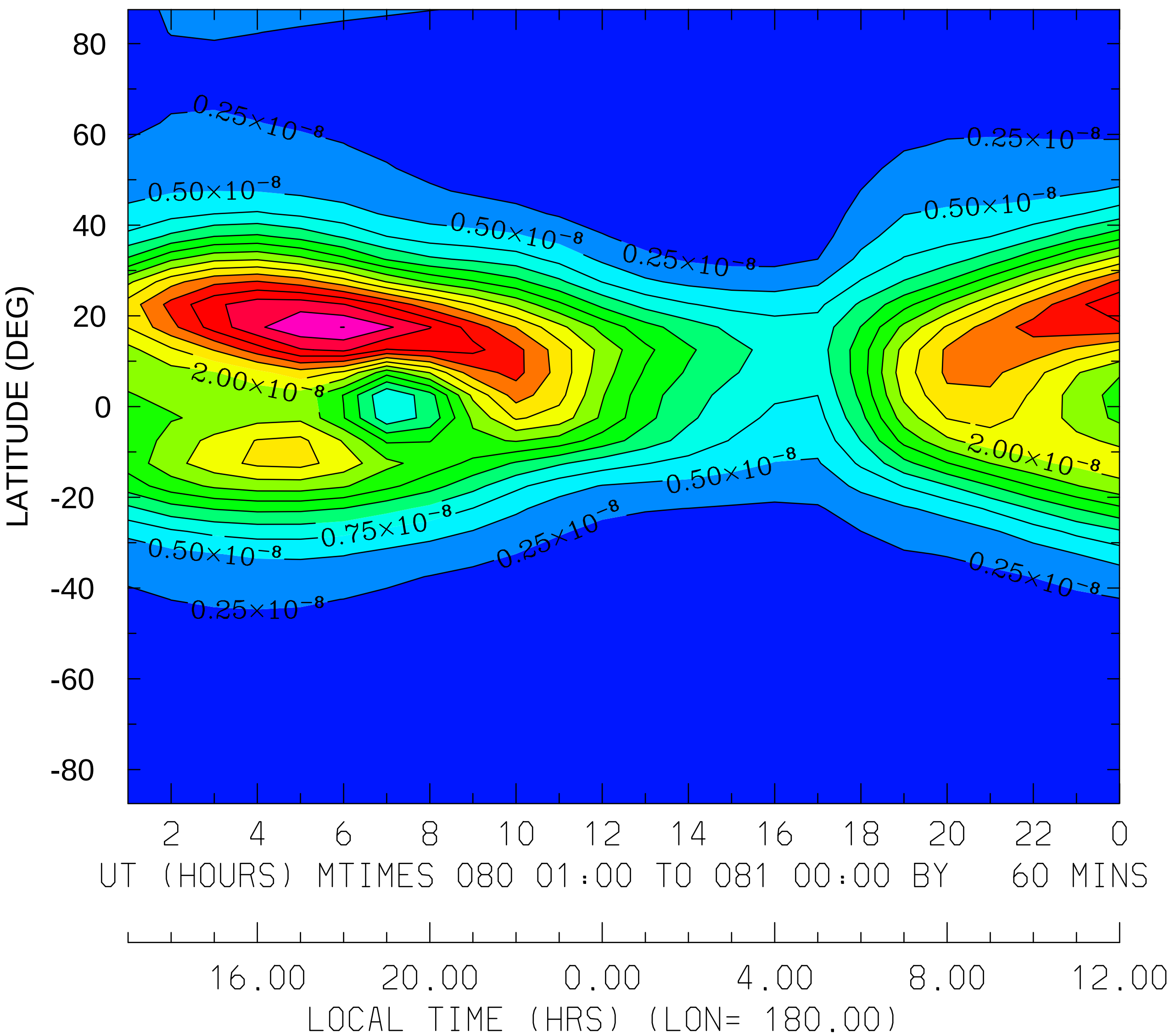
MIN,MAX= 1.8931E-06 5.2793E-04 INTERVAL= 4.0000E-05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

SIGMA_HA ()
ZP = 0.000 LONGITUDE = 180.00



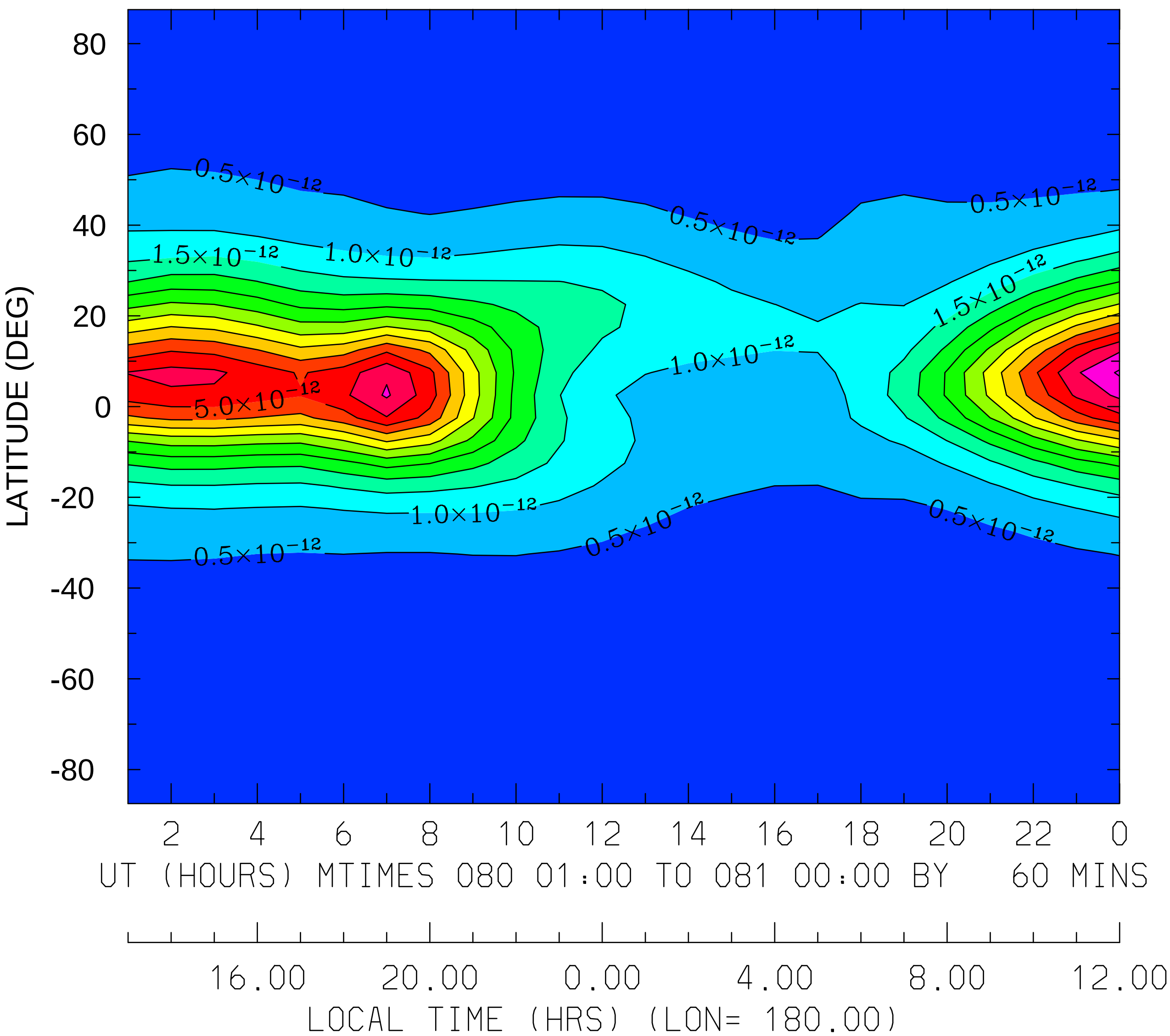
MIN,MAX= 1.4225E-10 5.3097E-07 INTERVAL= 4.0000E-08
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

SIGMA_HA ()
ZP = 2.000 LONGITUDE = 180.00

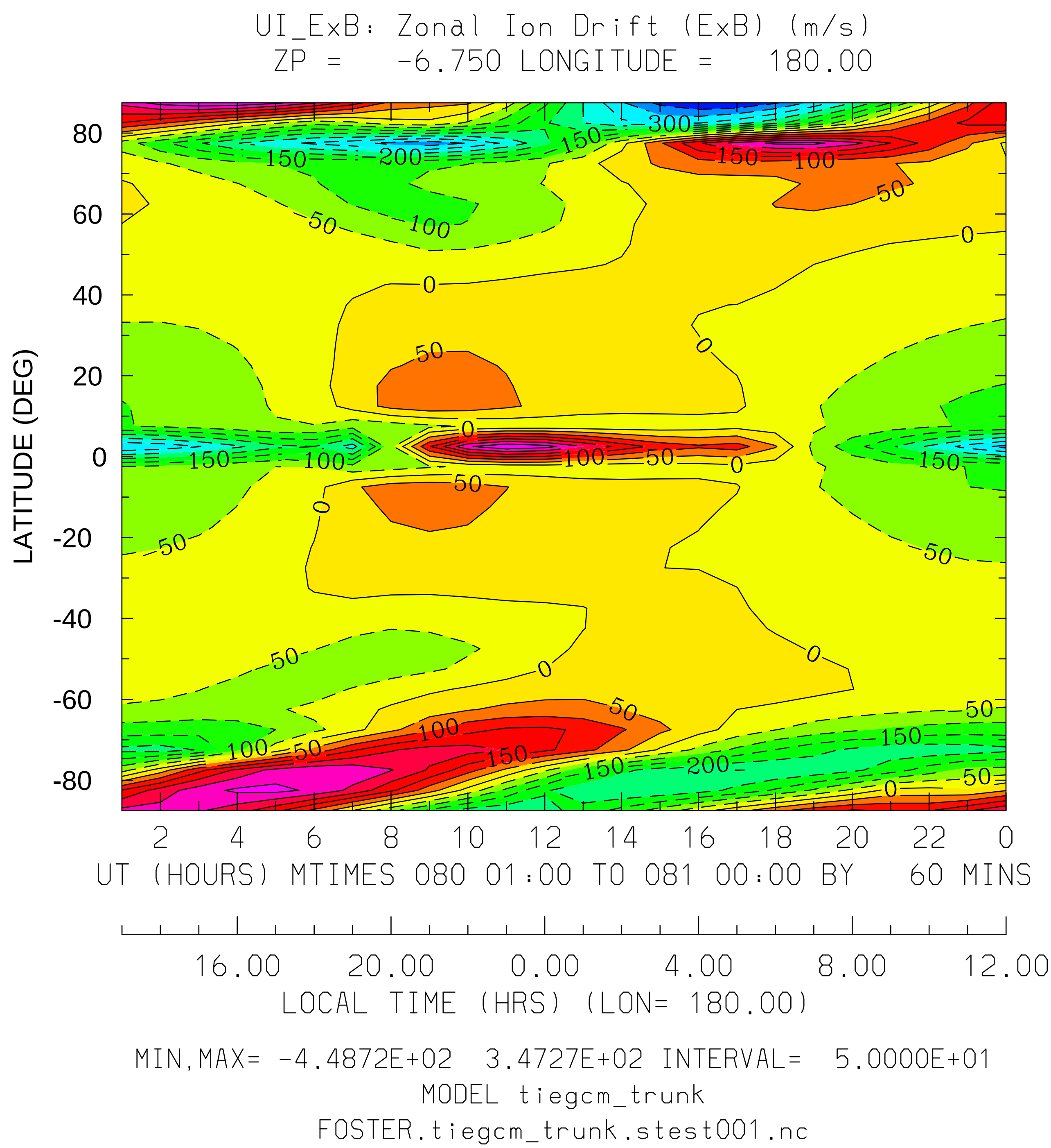


MIN,MAX= 2.7517E-10 3.7538E-08 INTERVAL= 2.5000E-09
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

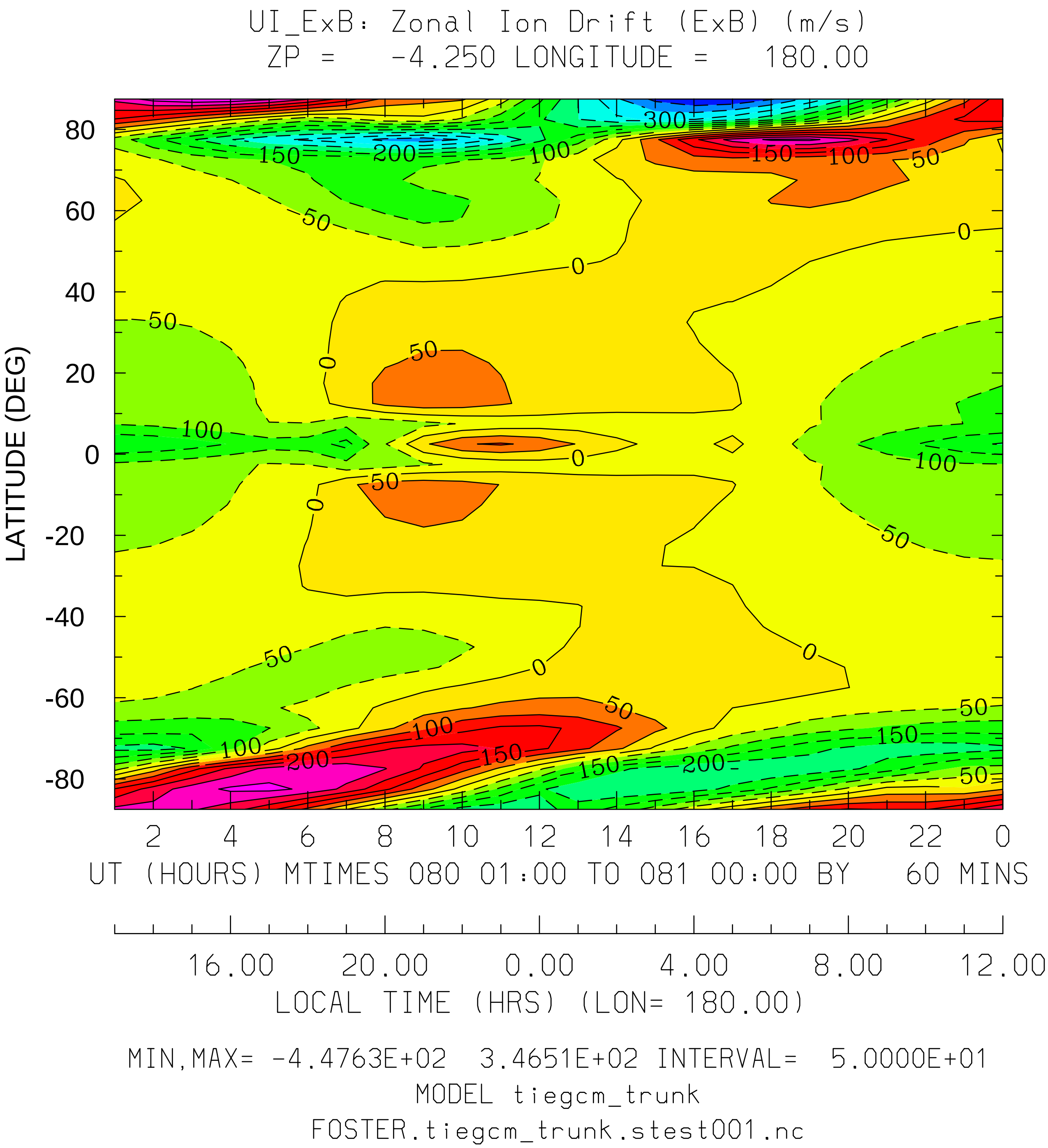
SIGMA_HA ()
ZP = 6.000 LONGITUDE = 180.00



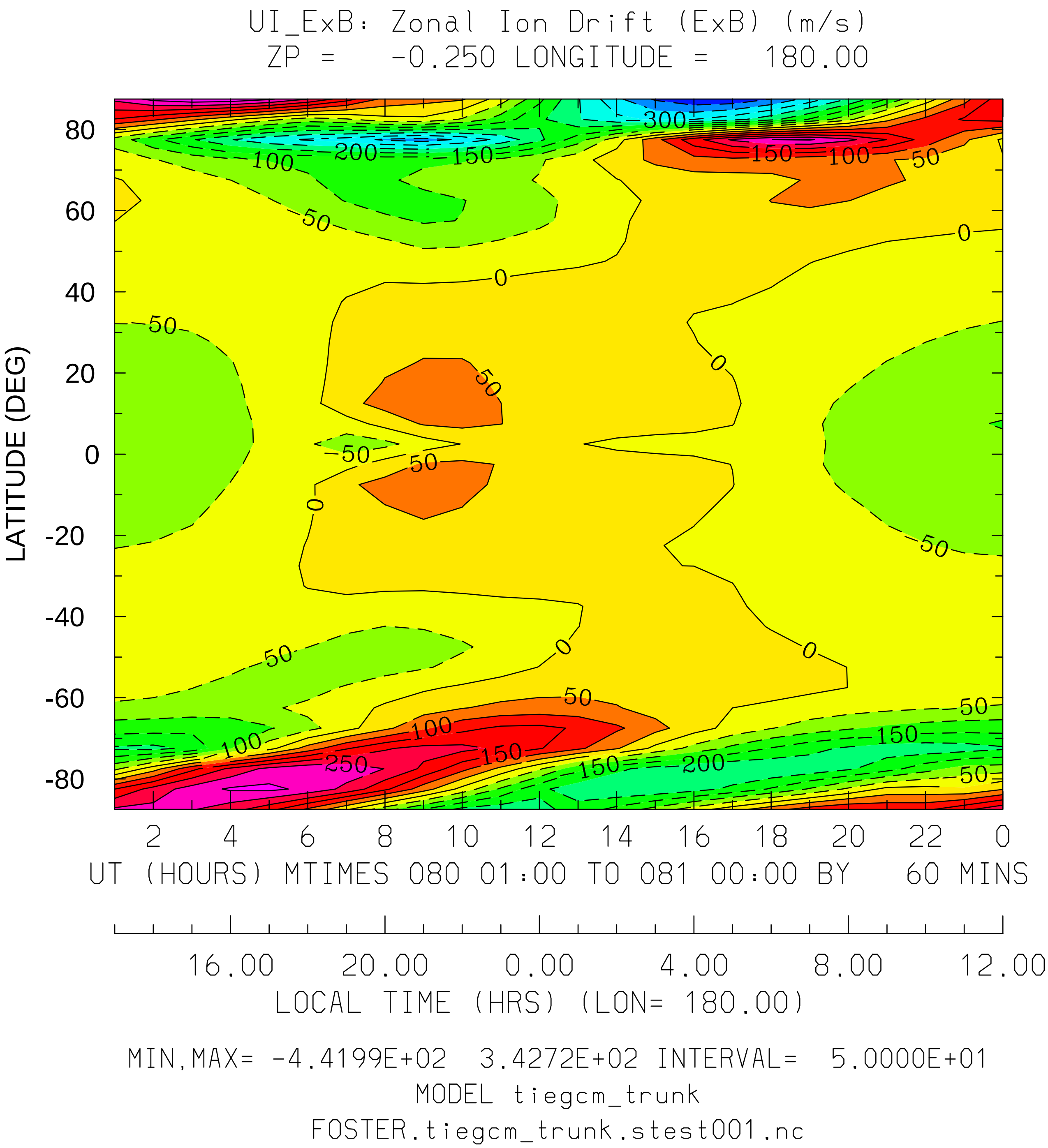
MIN,MAX= 8.7343E-14 6.5733E-12 INTERVAL= 5.0000E-13
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



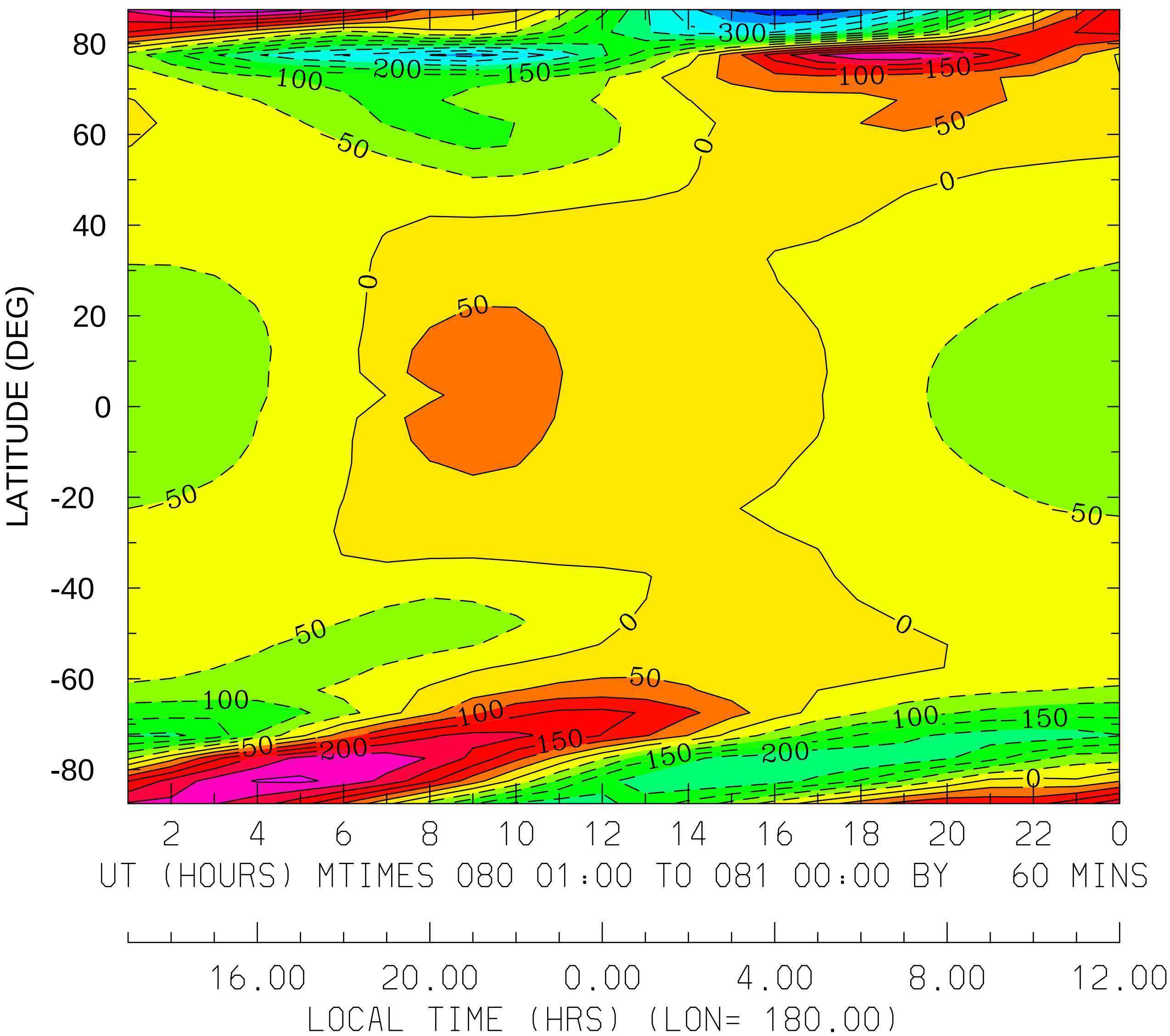
UI_ExB: Zonal Ion Drift (ExB) (m/s)
ZP = -6.750 LONGITUDE = 180.00
LATITUDE (DEG)
80
60
40
20
0
-20
-40
-60
-80
2 4 6 8 10 12 14 16 18 20 22 0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00 20.00 0.00 4.00 8.00 12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= -4.4872E+02 3.4727E+02 INTERVAL= 5.0000E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



UI_ExB: Zonal Ion Drift (ExB) (m/s)
ZP = -4.250 LONGITUDE = 180.00
LATITUDE (DEG)
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= -4.4763E+02 3.4651E+02 INTERVAL= 5.0000E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

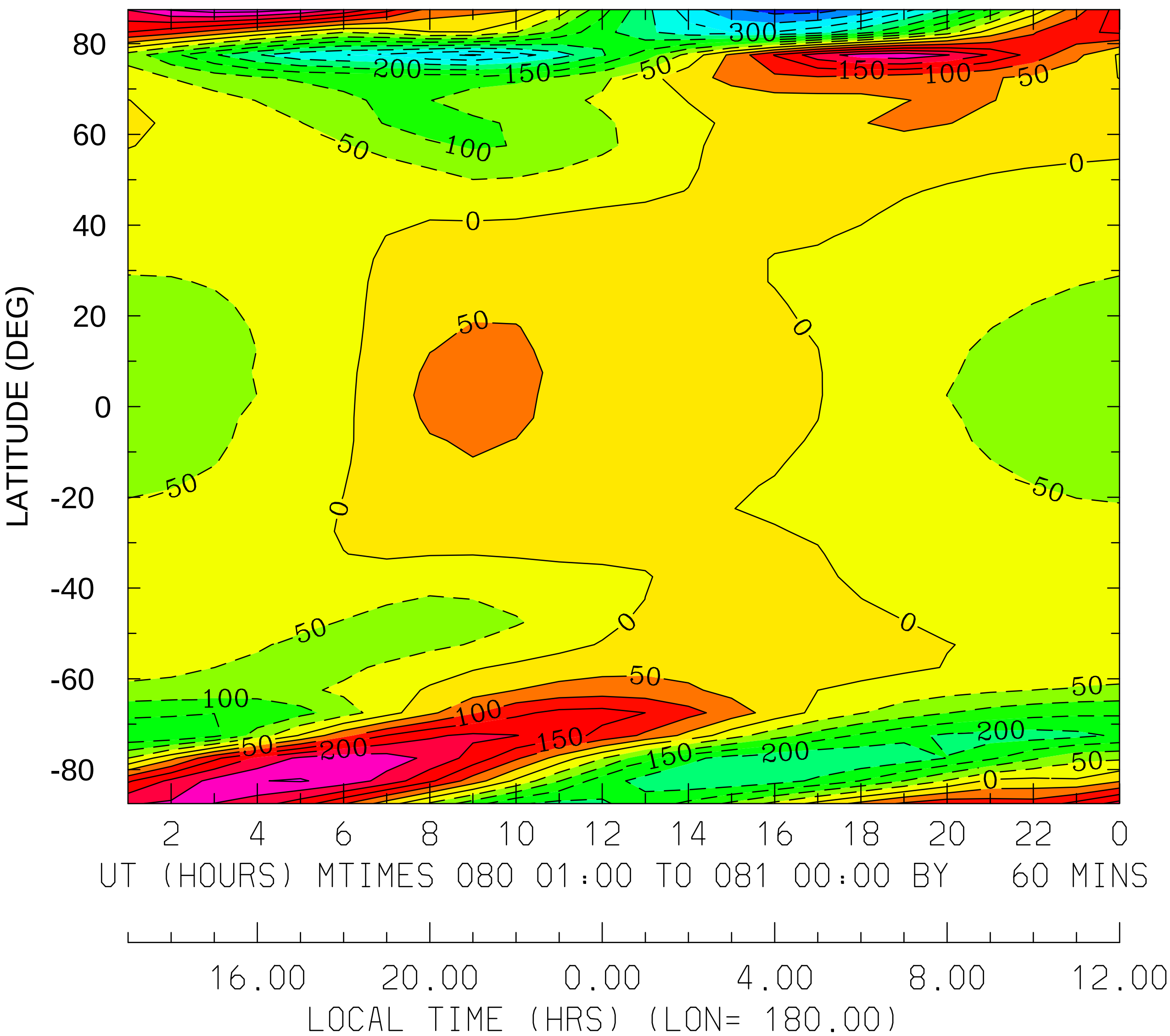

UI_ExB: Zonal Ion Drift (ExB) (m/s)
ZP = -0.250 LONGITUDE = 180.00
LATITUDE (DEG)
80
60
40
20
0
-20
-40
-60
-80
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00
20.00
0.00
4.00
8.00
12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= -4.4199E+02 3.4272E+02 INTERVAL= 5.0000E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

UI_ExB: Zonal Ion Drift (ExB) (m/s)
ZP = 1.750 LONGITUDE = 180.00



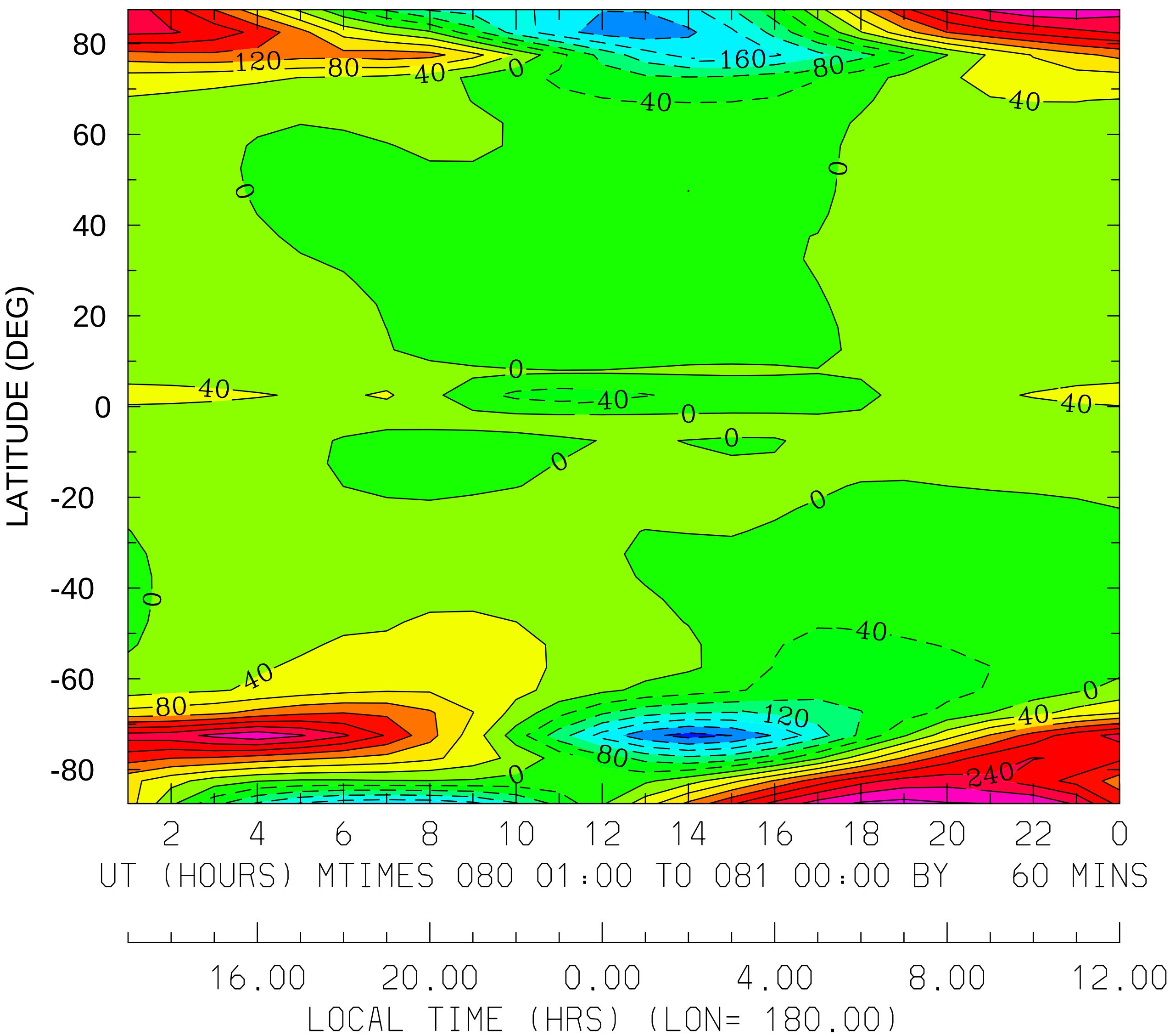
MIN,MAX= -4.3709E+02 3.3955E+02 INTERVAL= 5.0000E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

UI_ExB: Zonal Ion Drift (ExB) (m/s)
ZP = 5.750 LONGITUDE = 180.00

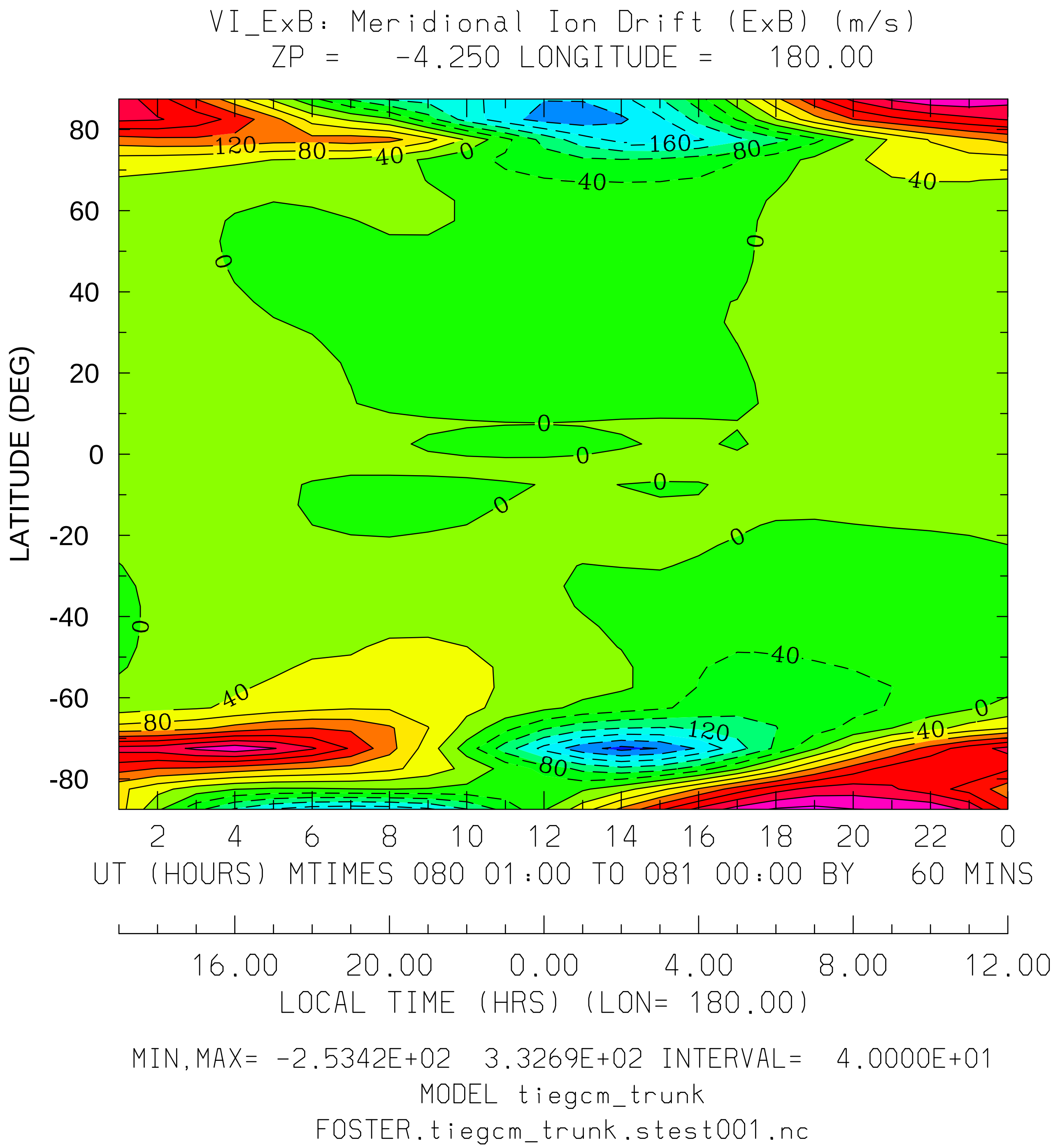


MIN,MAX= -4.2477E+02 3.3162E+02 INTERVAL= 5.0000E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

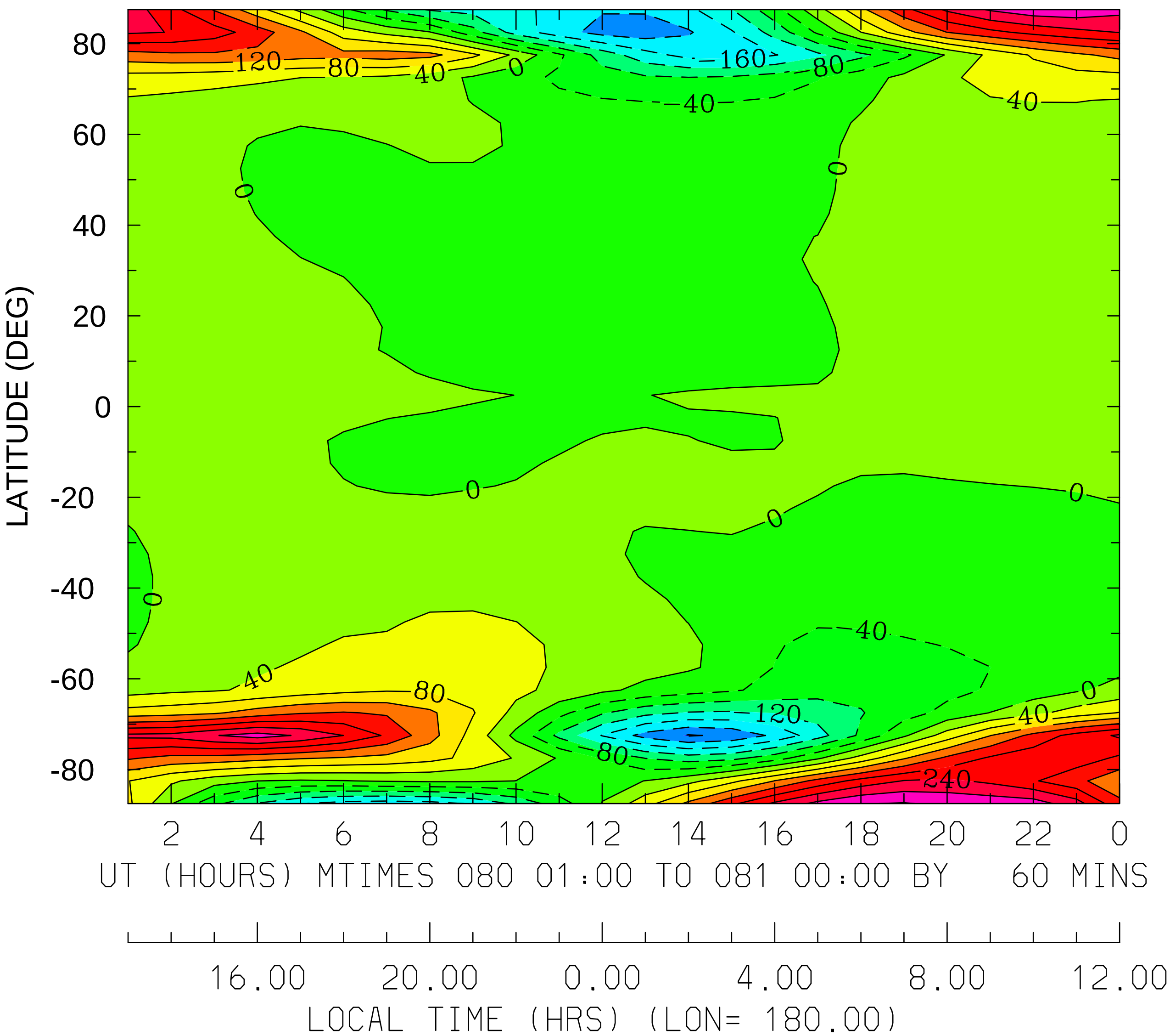
VI_ExB: Meridional Ion Drift (ExB) (m/s)
ZP = -6.750 LONGITUDE = 180.00



MIN,MAX= -2.5541E+02 3.3449E+02 INTERVAL= 4.0000E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

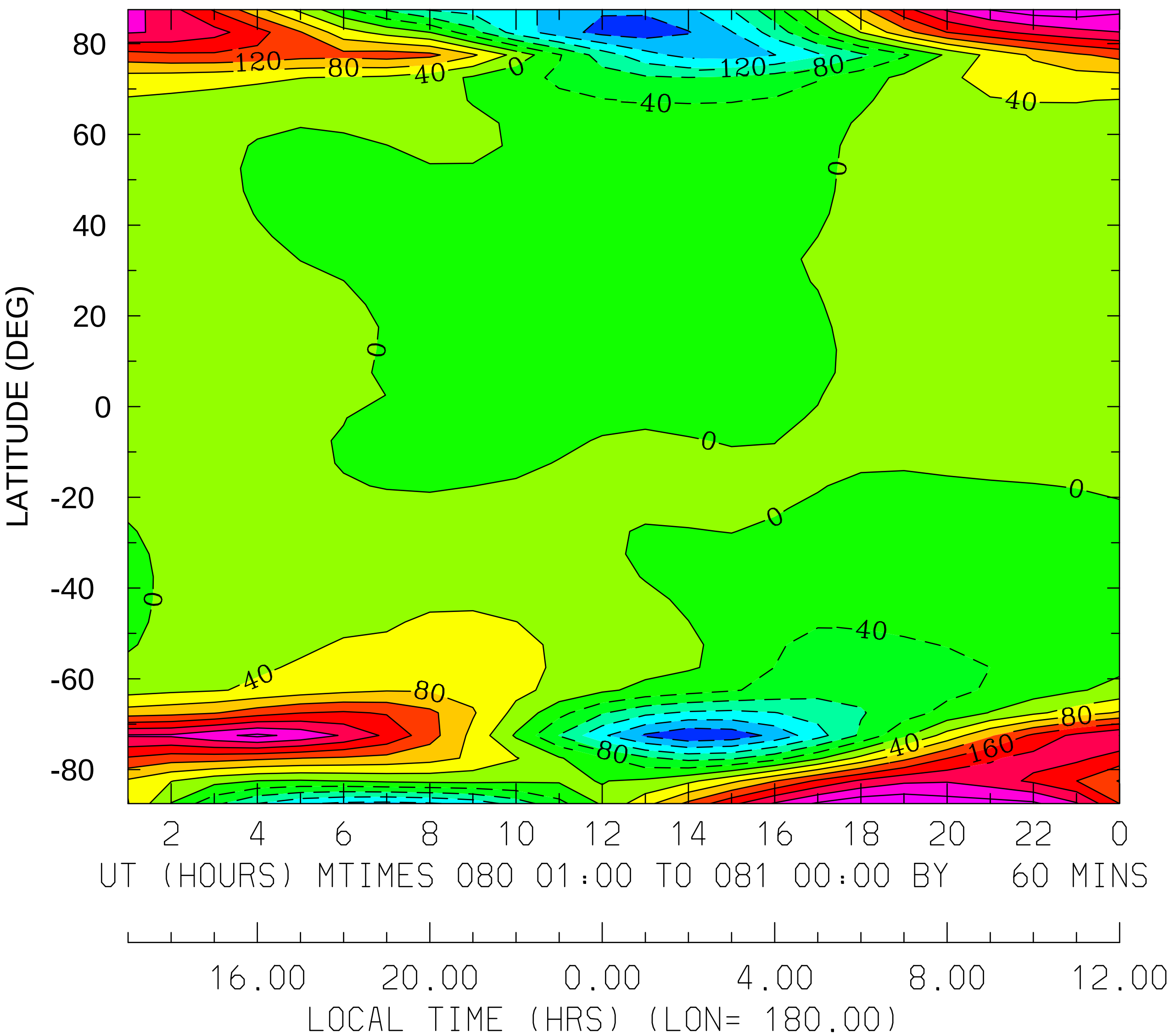

VI_ExB: Meridional Ion Drift (ExB) (m/s)
ZP = -4.250 LONGITUDE = 180.00
LATITUDE (DEG)
80
60
40
20
0
-20
-40
-60
-80
120
80
40
0
-160
-80
-40
0
0
0
0
0
0
0
0
-40
0
40
80
-120
-80
2 4 6 8 10 12 14 16 18 20 22 0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00 20.00 0.00 4.00 8.00 12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= -2.5342E+02 3.3269E+02 INTERVAL= 4.0000E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

VI_ExB: Meridional Ion Drift (ExB) (m/s)
ZP = -0.250 LONGITUDE = 180.00

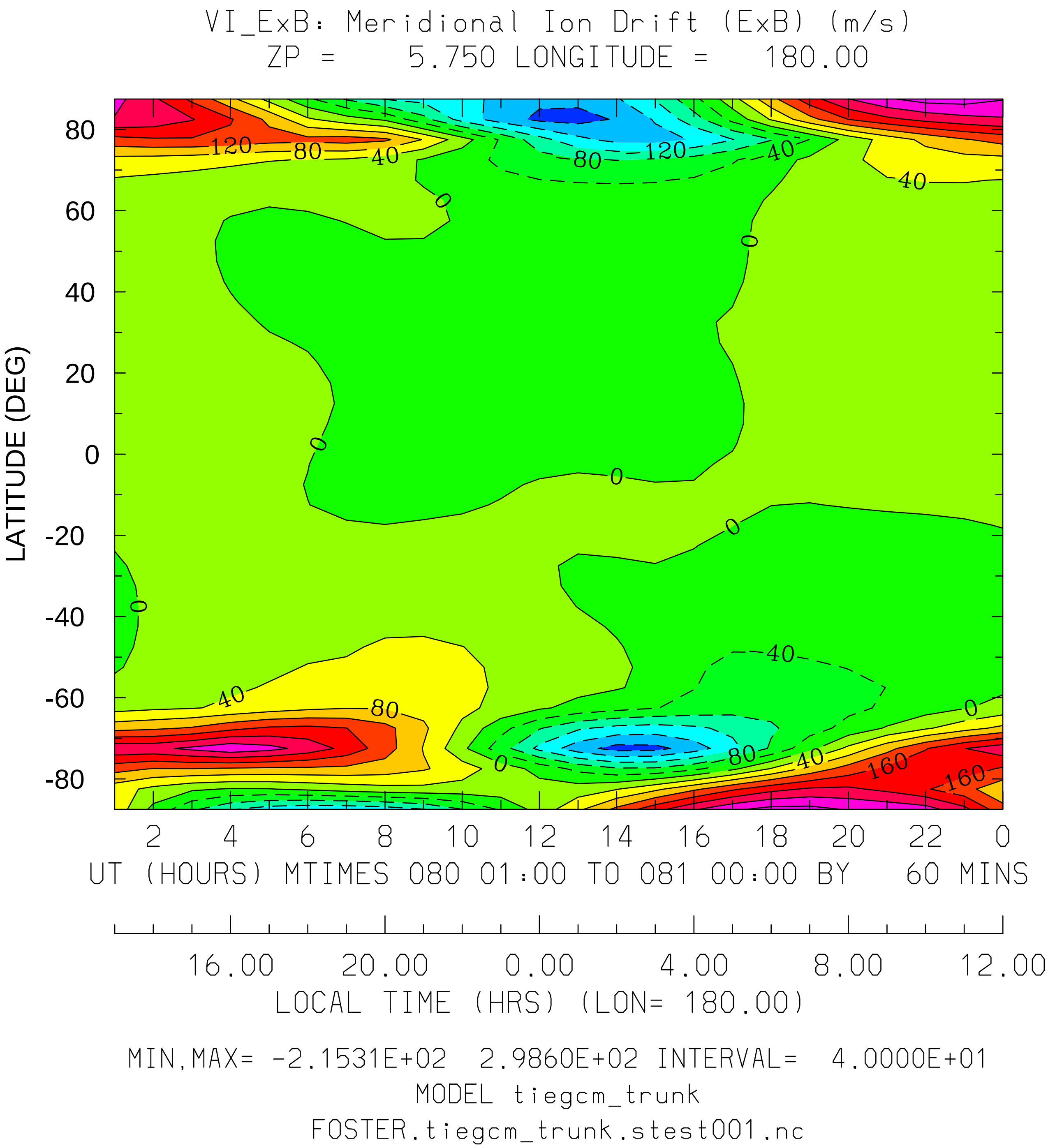


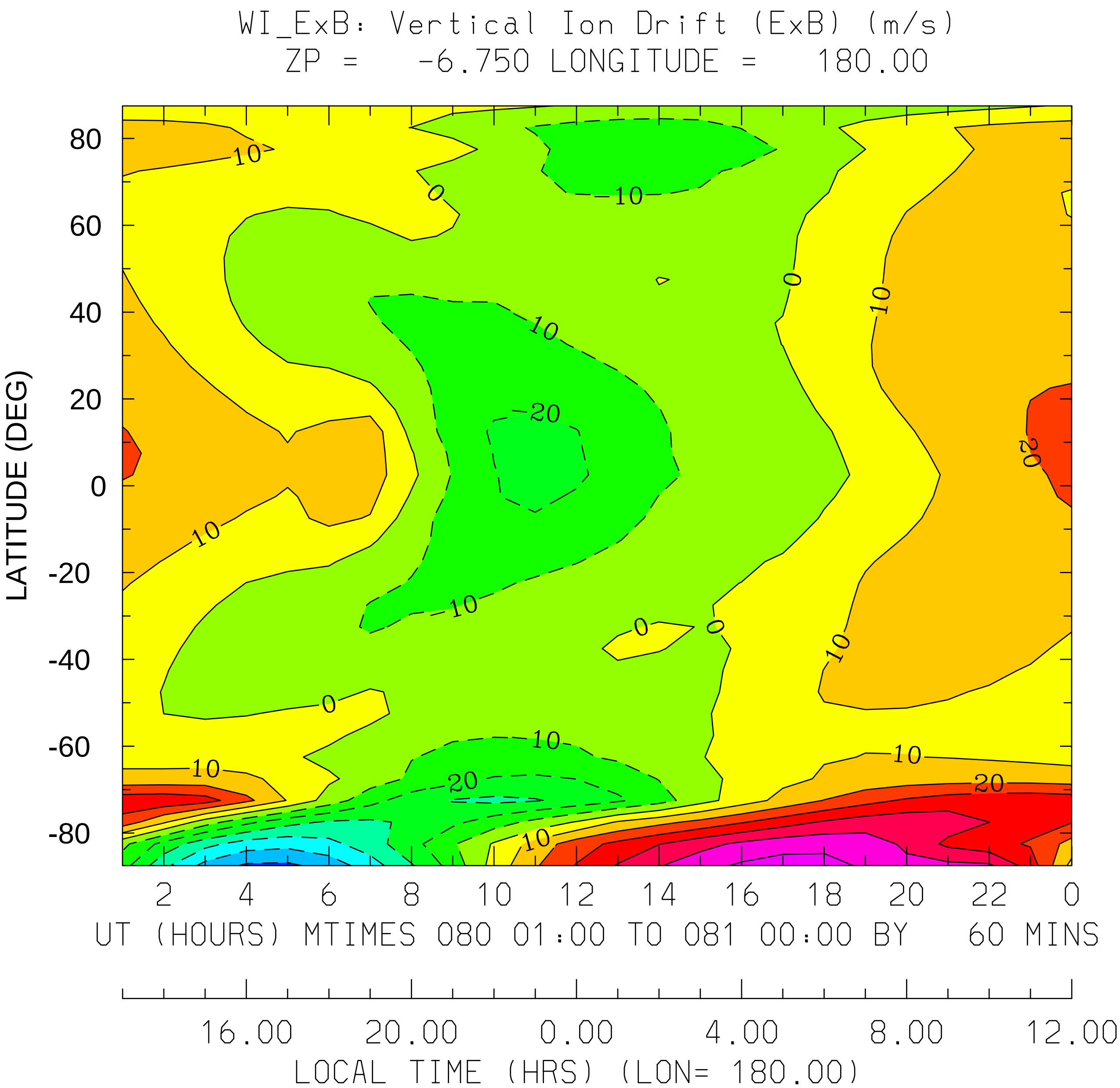
MIN,MAX= -2.4370E+02 3.2325E+02 INTERVAL= 4.0000E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

VI_ExB: Meridional Ion Drift (ExB) (m/s)
ZP = 1.750 LONGITUDE = 180.00



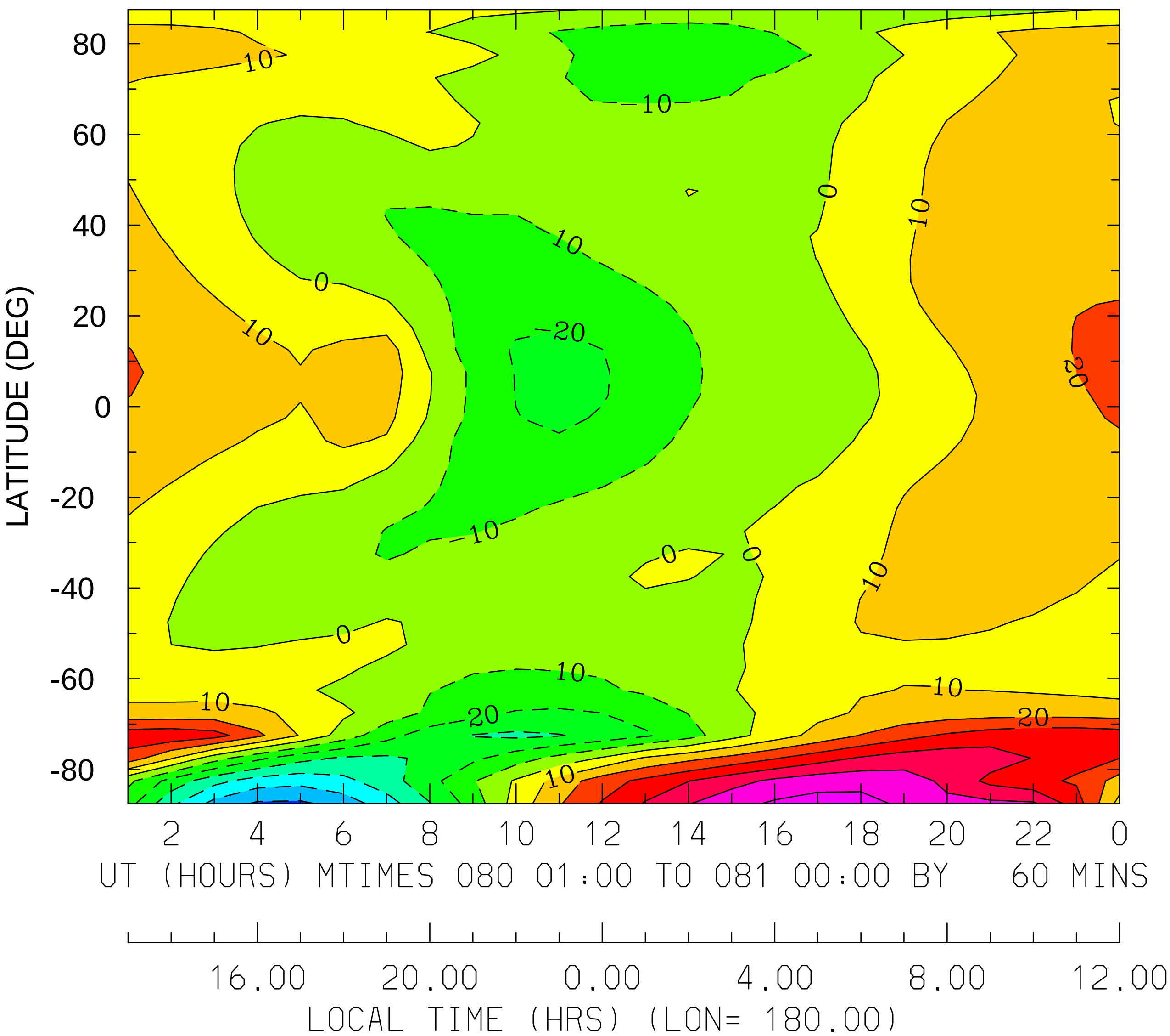
MIN,MAX= -2.3557E+02 3.1490E+02 INTERVAL= 4.0000E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc


VI_ExB: Meridional Ion Drift (ExB) (m/s)
ZP = 5.750 LONGITUDE = 180.00
LATITUDE (DEG)
80
60
40
20
0
-20
-40
-60
-80
120
80
40
0
-40
160
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
16.00
20.00
0.00
4.00
8.00
12.00
LOCAL TIME (HRS) (LON= 180.00)
MIN,MAX= -2.1531E+02 2.9860E+02 INTERVAL= 4.0000E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



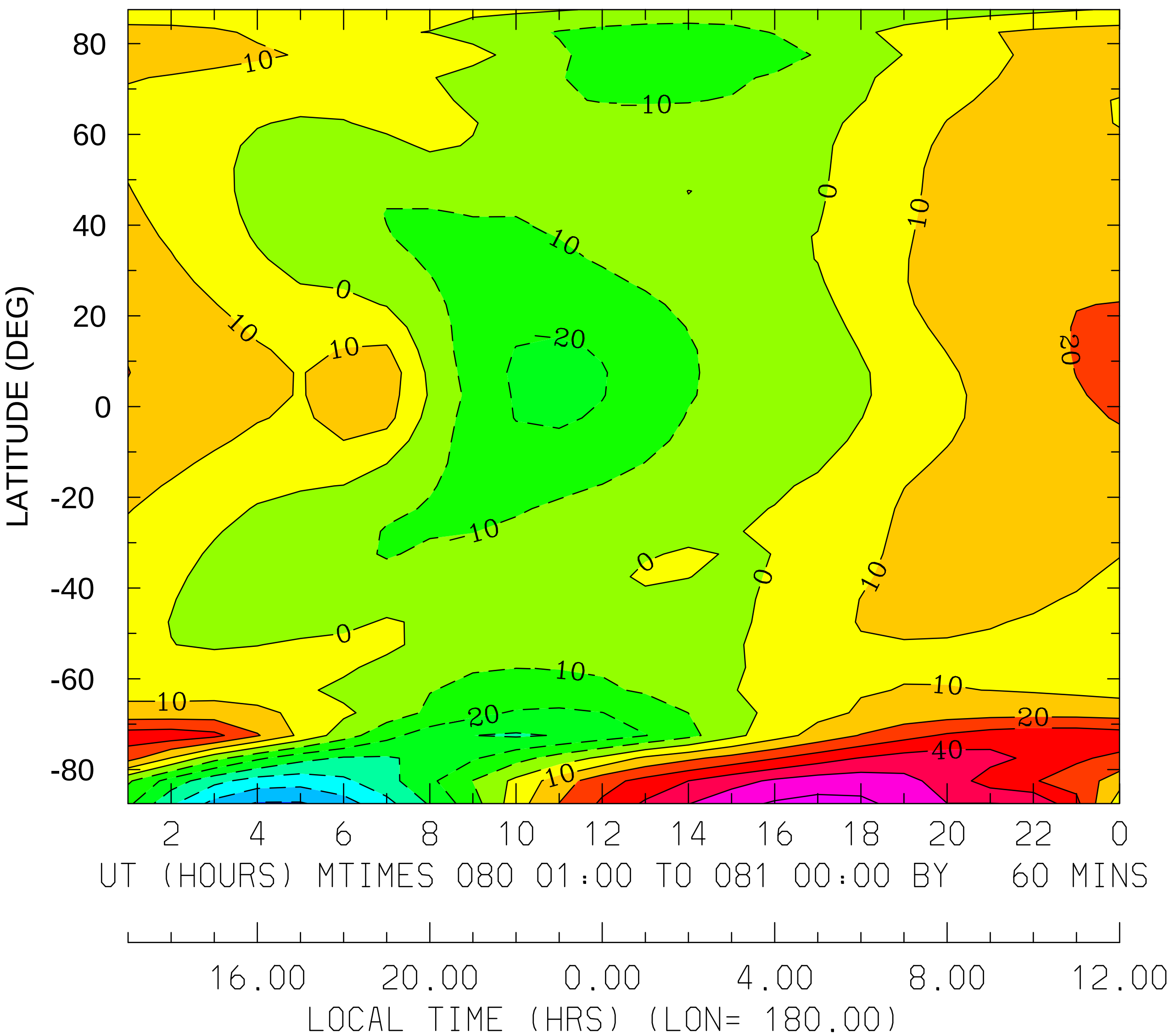
MIN,MAX= -6.2127E+01 6.4131E+01 INTERVAL= 1.0000E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

WI_ExB: Vertical Ion Drift (ExB) (m/s)
ZP = -4.250 LONGITUDE = 180.00



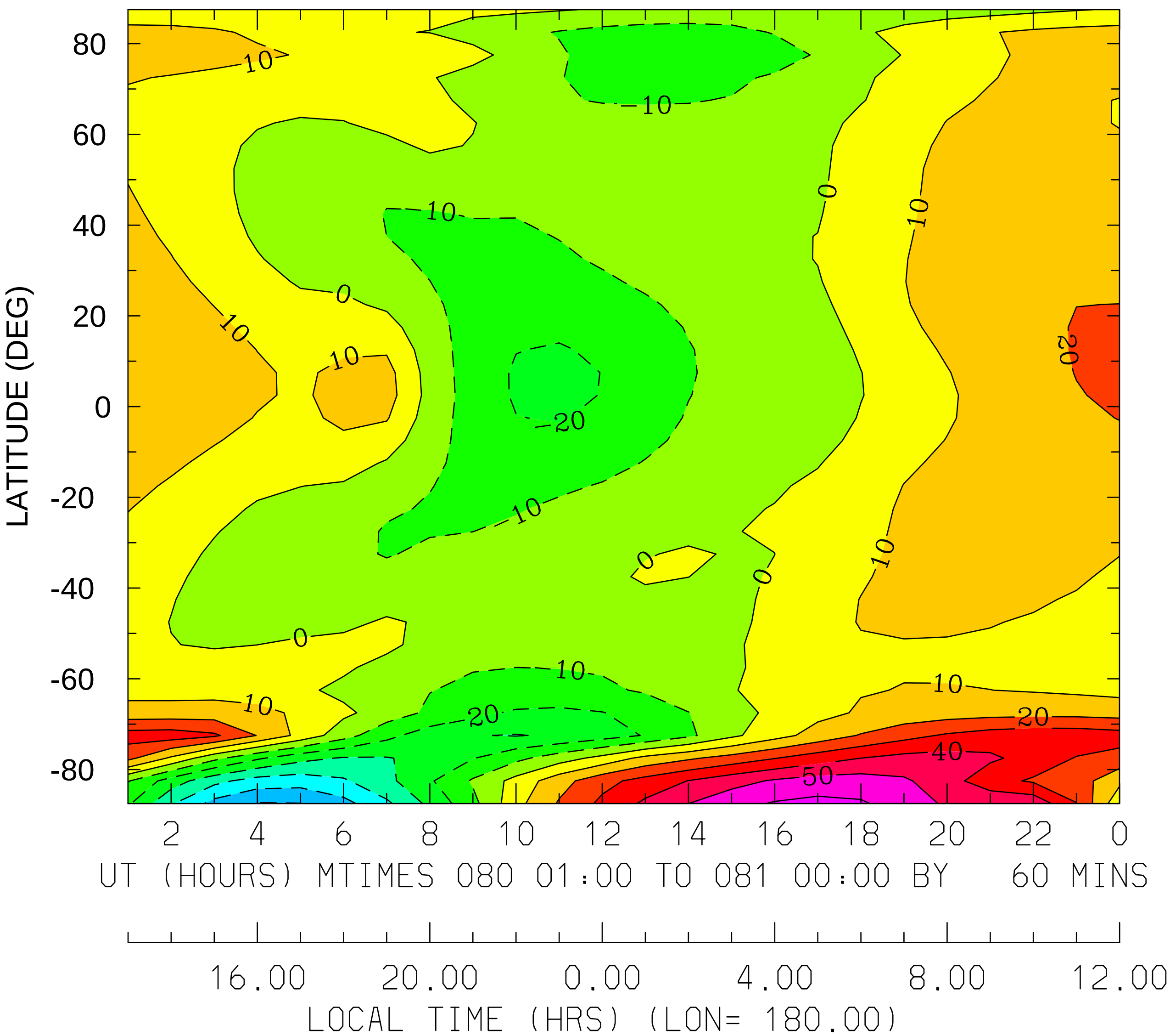
MIN,MAX= -6.1933E+01 6.4005E+01 INTERVAL= 1.0000E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

WI_ExB: Vertical Ion Drift (ExB) (m/s)
ZP = -0.250 LONGITUDE = 180.00



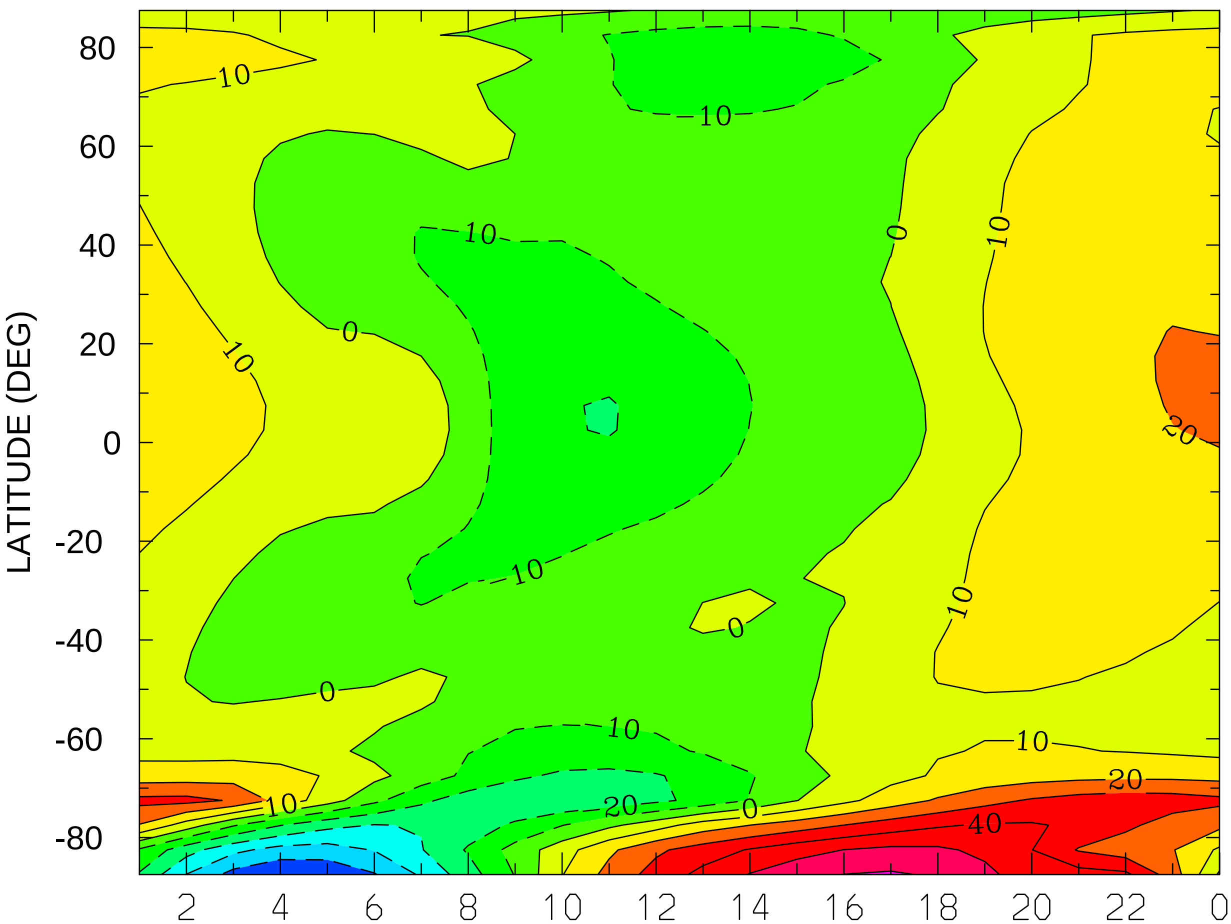
MIN,MAX= -6.1007E+01 6.3331E+01 INTERVAL= 1.0000E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

WI_ExB: Vertical Ion Drift (ExB) (m/s)
ZP = 1.750 LONGITUDE = 180.00



MIN,MAX= -6.0615E+01 6.2732E+01 INTERVAL= 1.0000E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

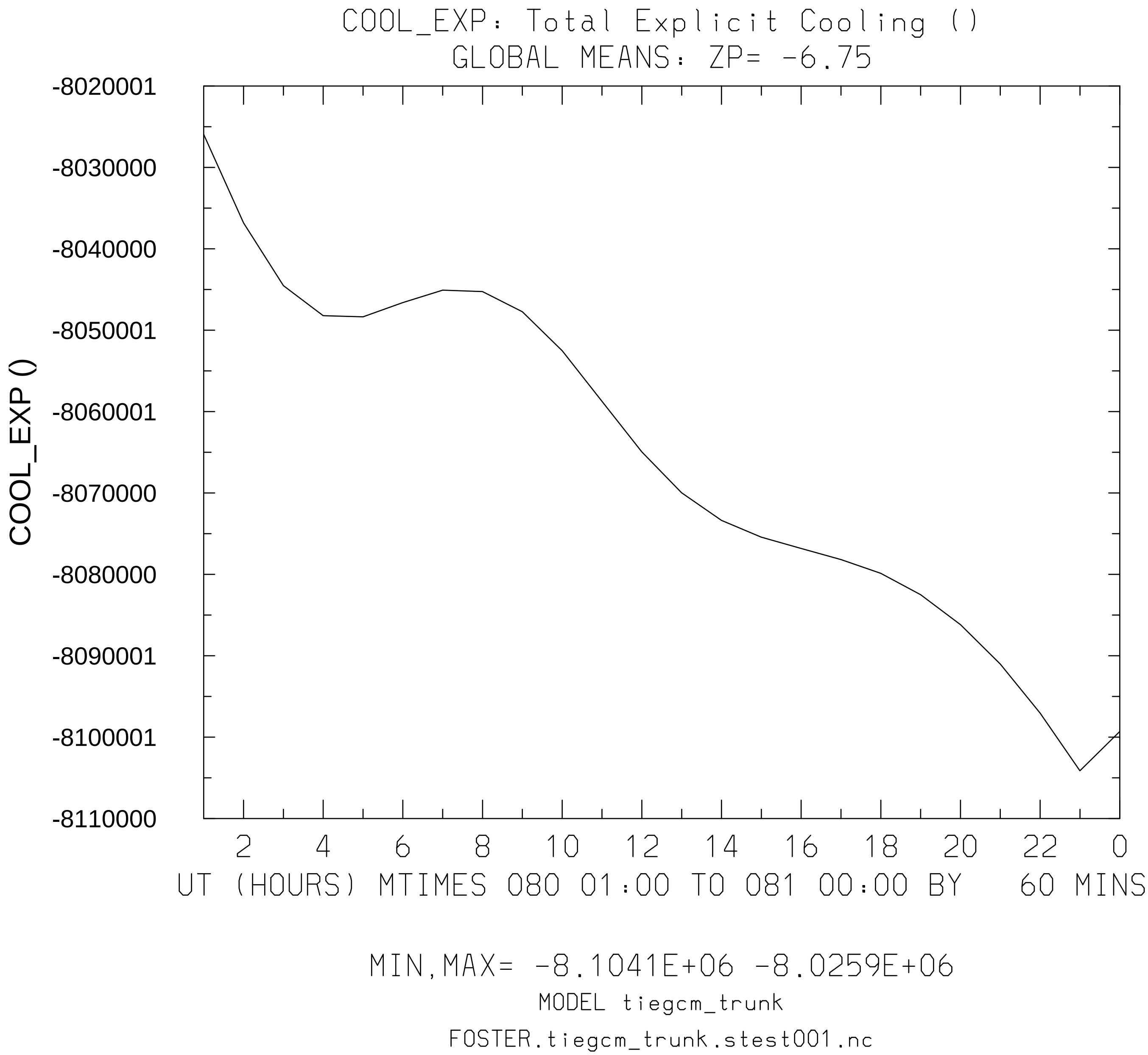
WI_ExB: Vertical Ion Drift (ExB) (m/s)
ZP = 5.750 LONGITUDE = 180.00

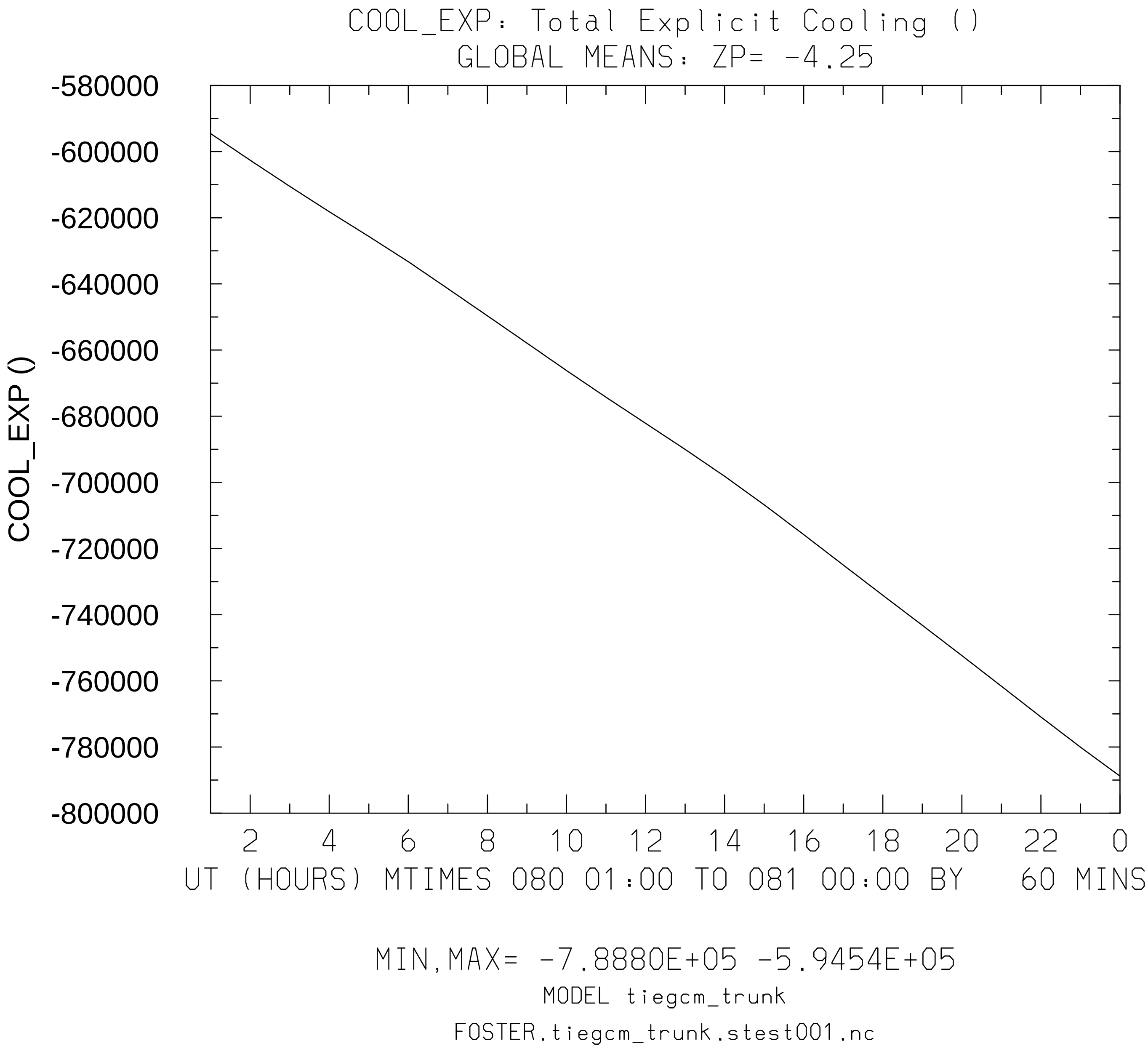


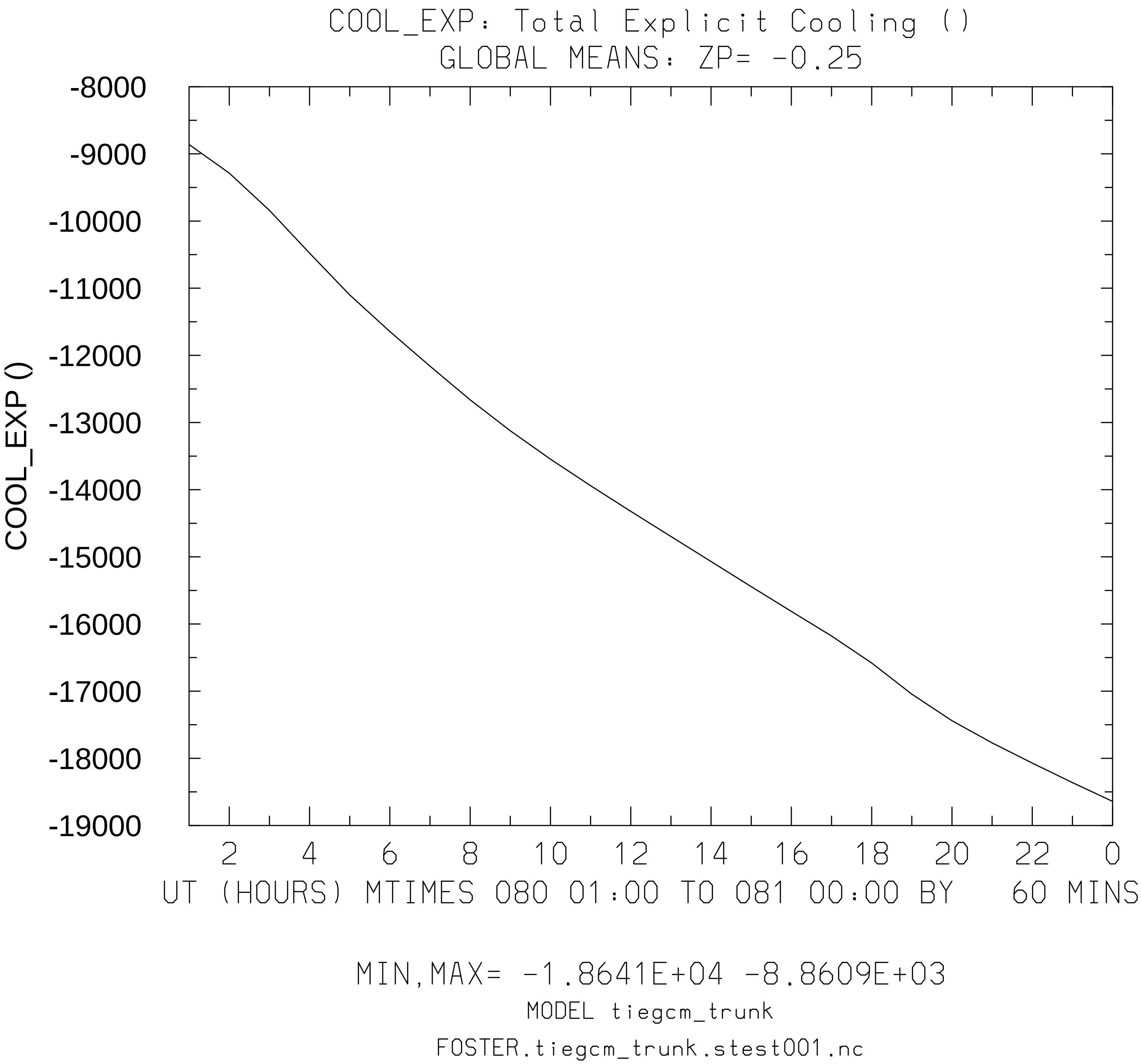
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS

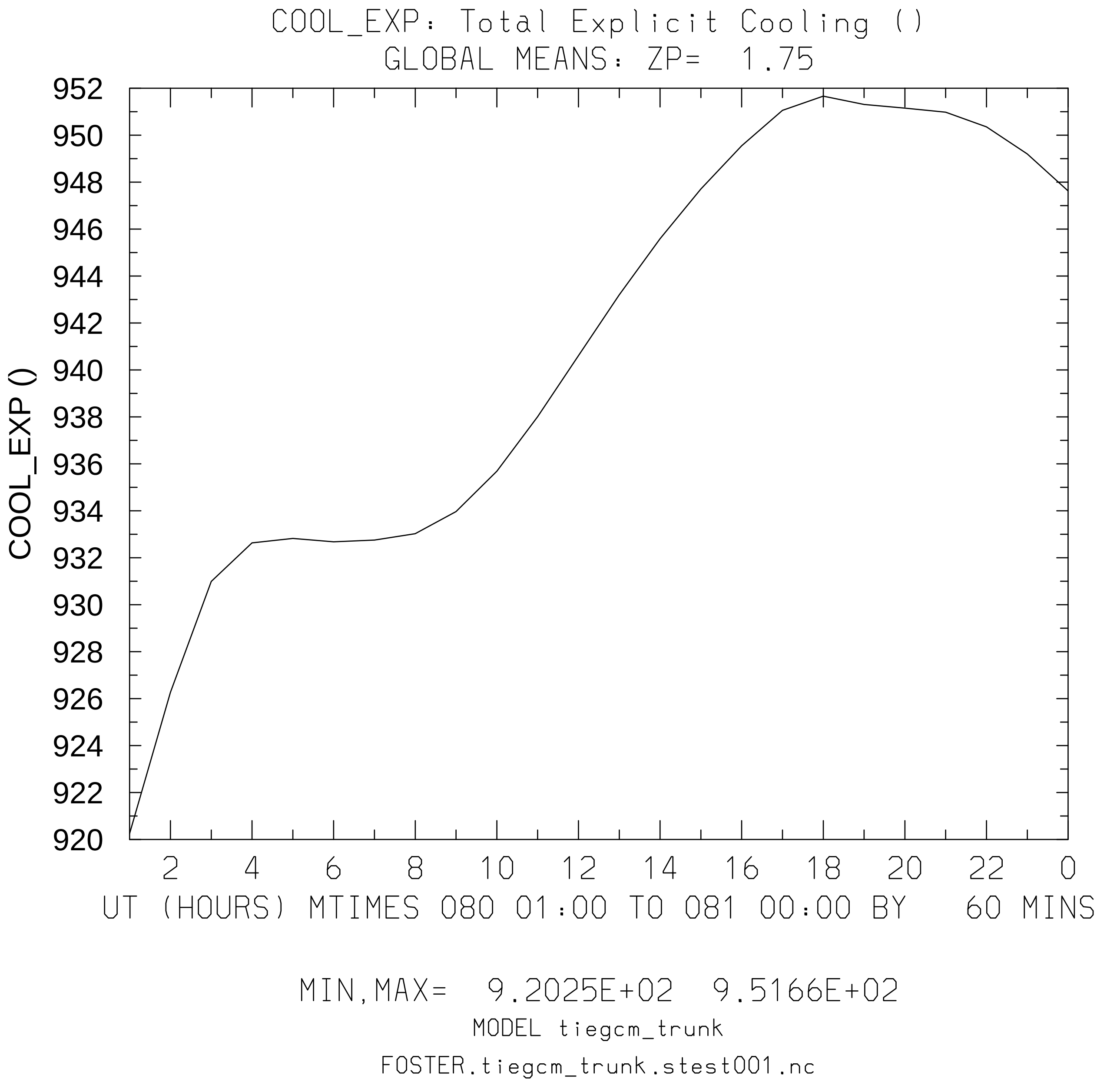
16.00 20.00 0.00 4.00 8.00 12.00
LOCAL TIME (HRS) (LON= 180.00)

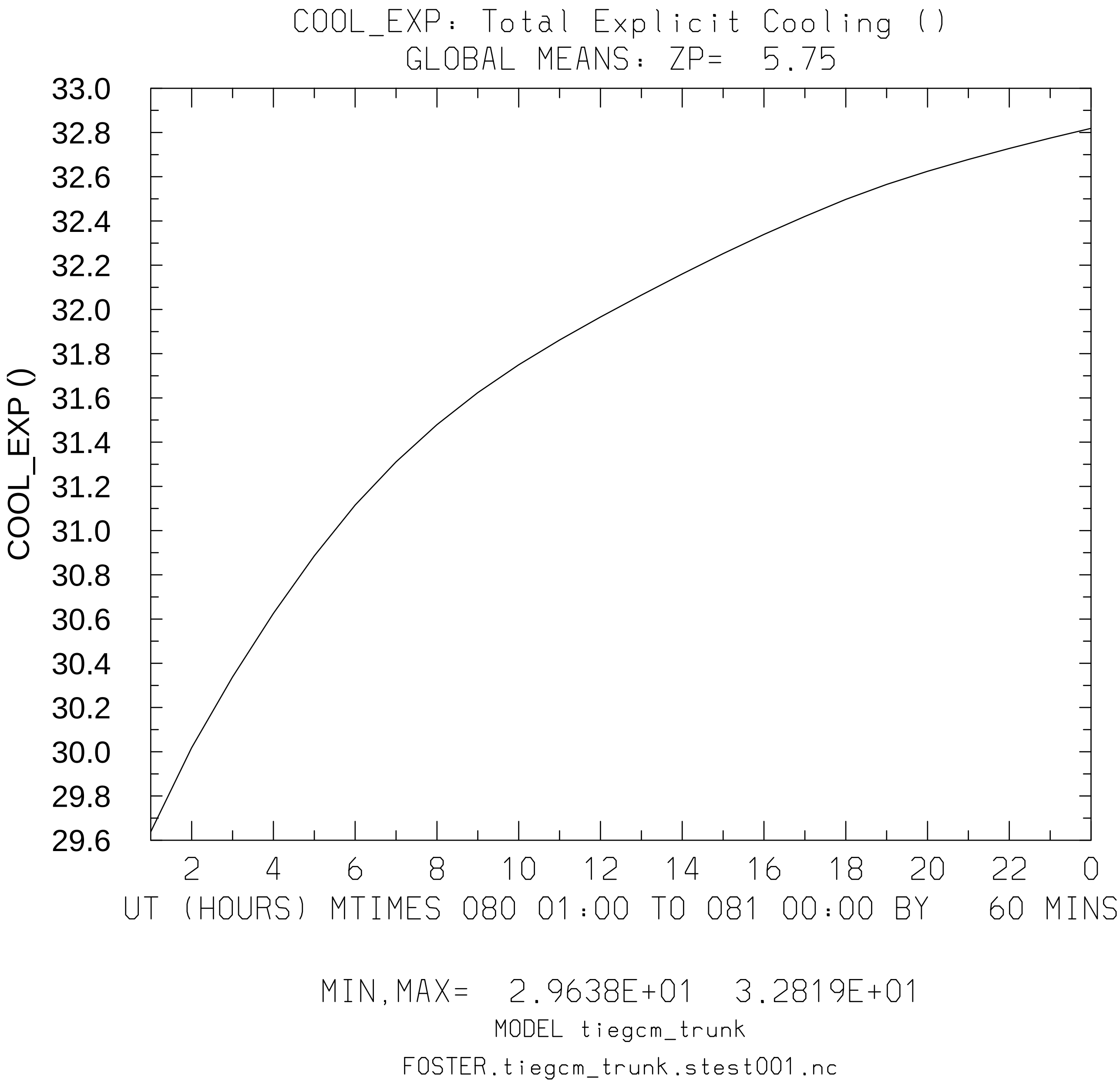
MIN,MAX= -5.9610E+01 6.1222E+01 INTERVAL= 1.0000E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc


COOL_EXP: Total Explicit Cooling ()
GLOBAL MEANS: ZP= -6.75
-8020001
-8030000
-8040000
-8050001
-8060001
-8070000
-8080000
-8090001
-8100001
-8110000
COOL_EXP ()
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= -8.1041E+06 -8.0259E+06
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

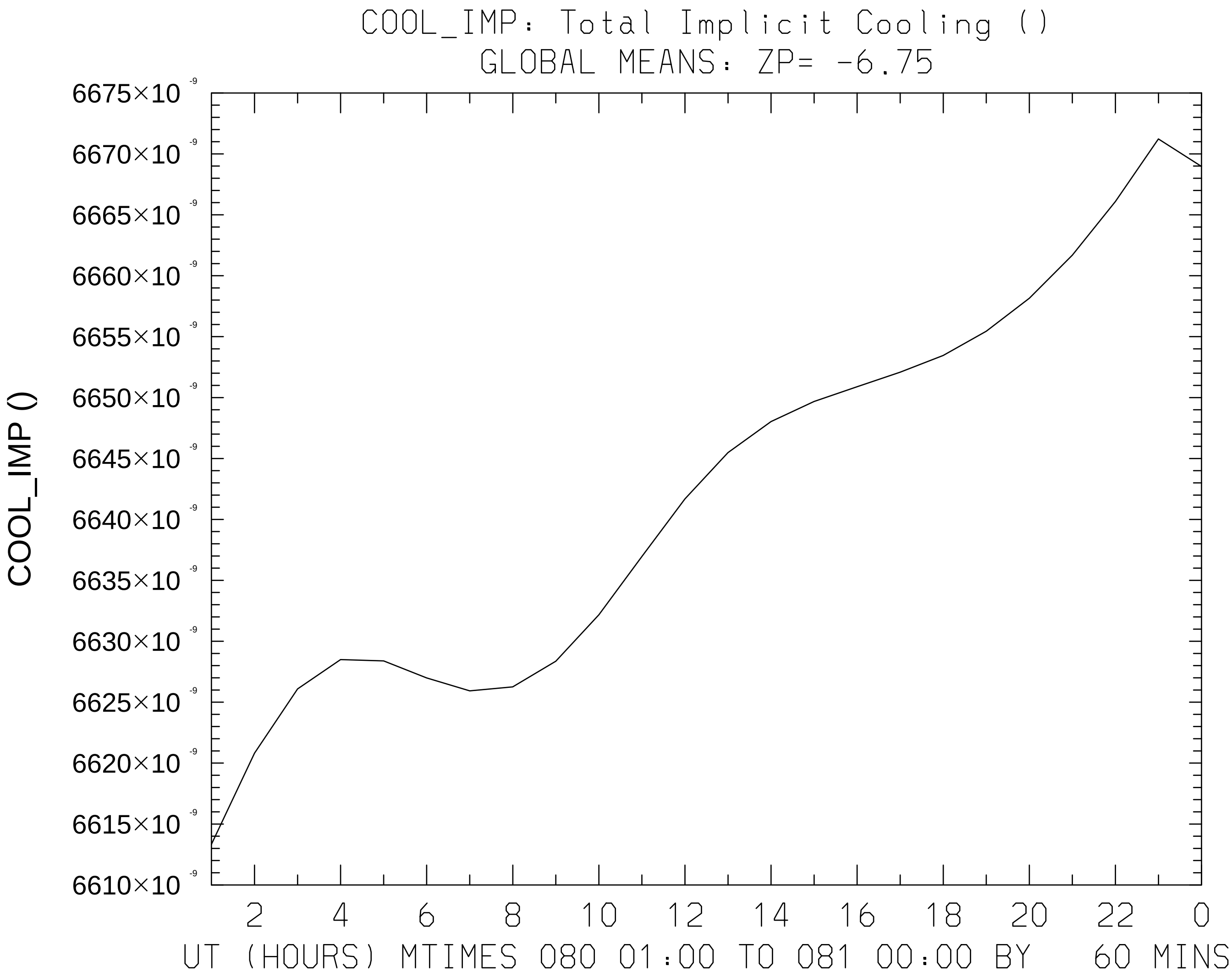

COOL_EXP: Total Explicit Cooling ()
GLOBAL MEANS: ZP= -4.25
-580000
-600000
-620000
-640000
-660000
-680000
-700000
-720000
-740000
-760000
-780000
-800000
COOL_EXP ()
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= -7.8880E+05 -5.9454E+05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc


COOL_EXP: Total Explicit Cooling ()
GLOBAL MEANS: ZP= -0.25
-8000
-9000
-10000
-11000
-12000
-13000
-14000
-15000
-16000
-17000
-18000
-19000
COOL_EXP ()
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= -1.8641E+04 -8.8609E+03
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc


COOL_EXP: Total Explicit Cooling ()
GLOBAL MEANS: ZP= 1.75
COOL_EXP ()
952
950
948
946
944
942
940
938
936
934
932
930
928
926
924
922
920
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= 9.2025E+02 9.5166E+02
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



COOL_EXP: Total Explicit Cooling ()
GLOBAL MEANS: ZP= 5.75
COOL_EXP ()
33.0
32.8
32.6
32.4
32.2
32.0
31.8
31.6
31.4
31.2
31.0
30.8
30.6
30.4
30.2
30.0
29.8
29.6
2 4 6 8 10 12 14 16 18 20 22 0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= 2.9638E+01 3.2819E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

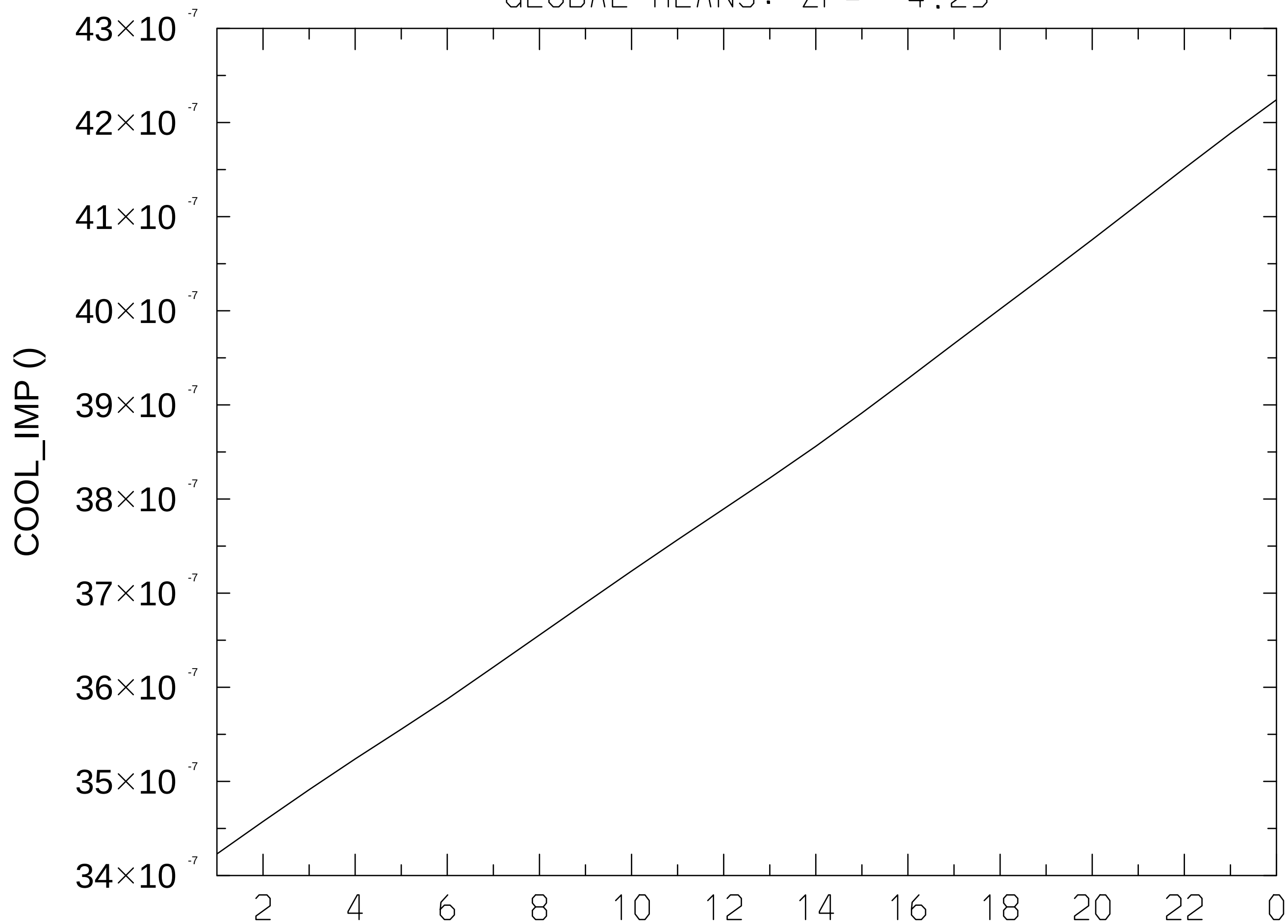


MIN,MAX= 6.6133E-06 6.6712E-06

MODEL tiegcm_trunk

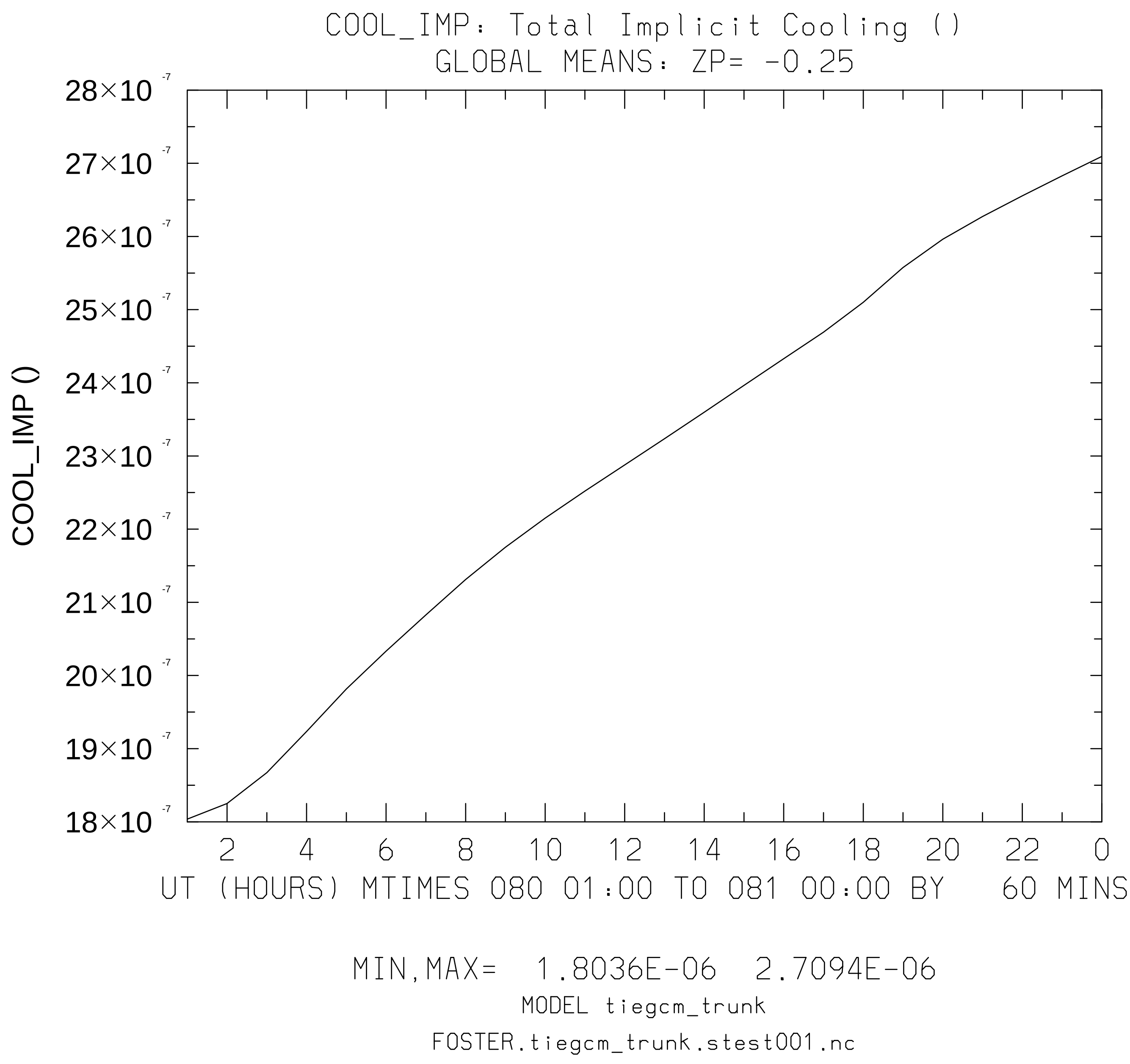
FOSTER.tiegcm_trunk.stest001.nc

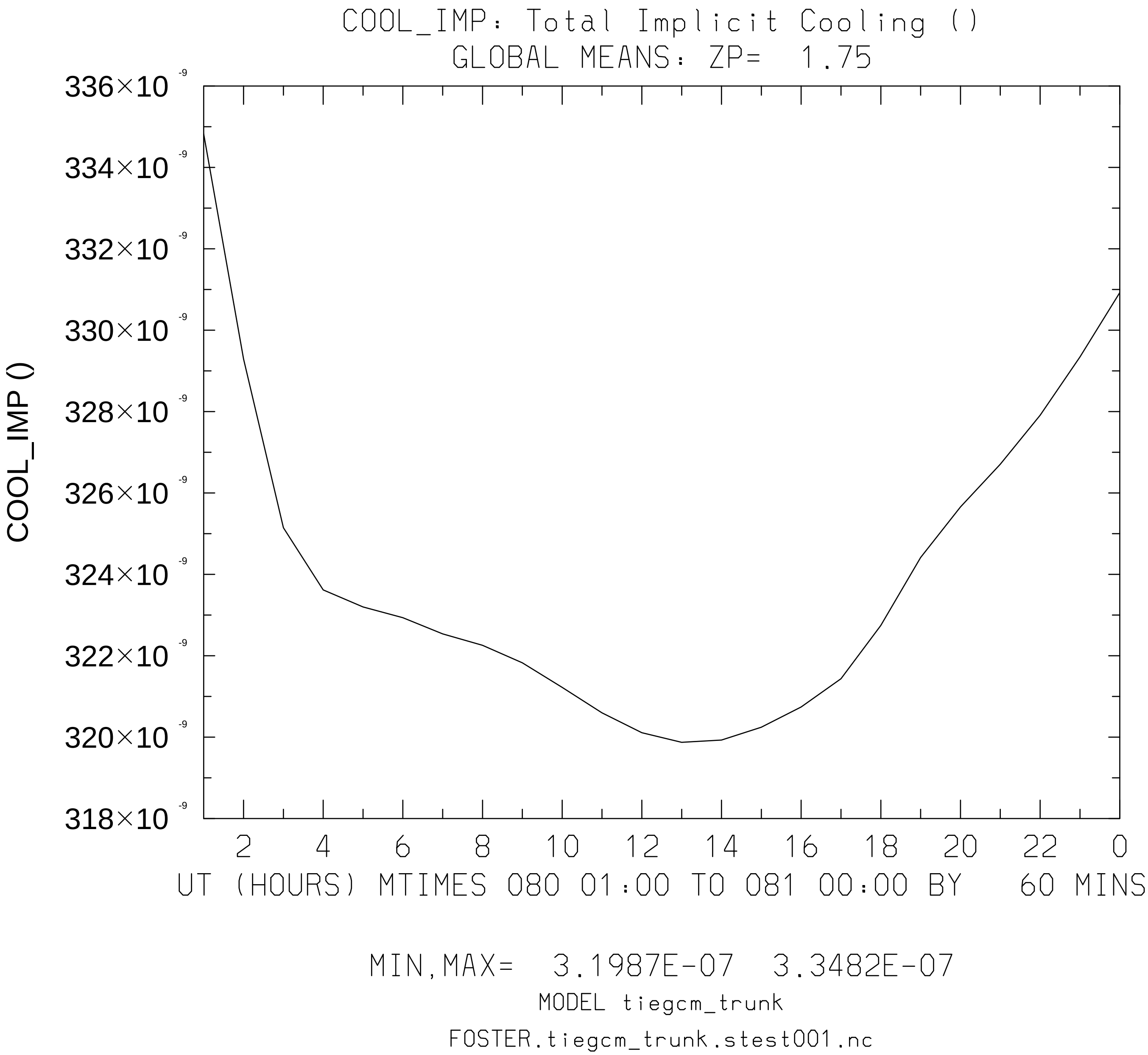
COOL_IMP: Total Implicit Cooling ()
GLOBAL MEANS: ZP= -4.25



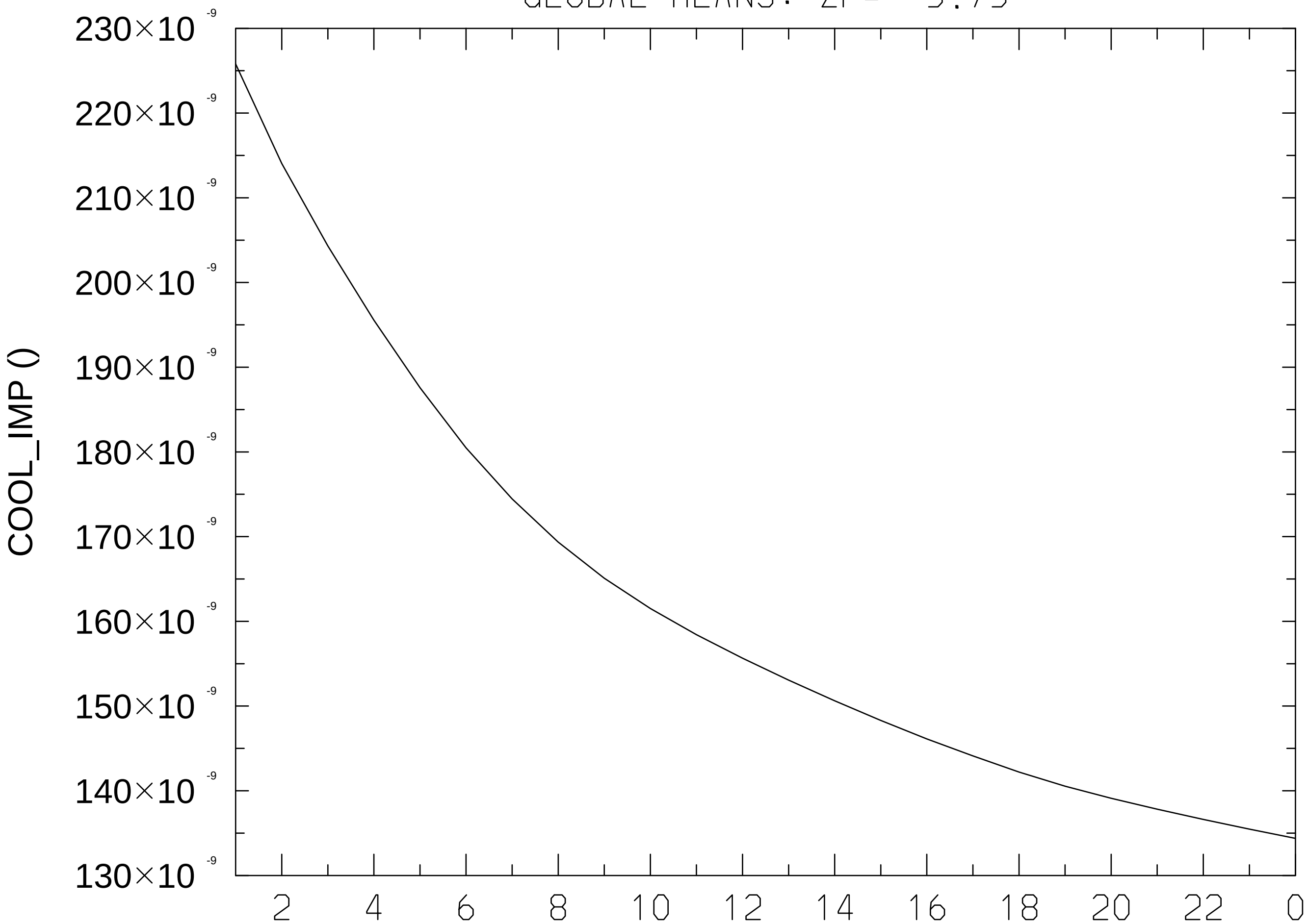
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS

MIN,MAX= 3.4229E-06 4.2242E-06
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc


COOL_IMP: Total Implicit Cooling ()
GLOBAL MEANS: ZP= -0.25
28×10 -7
27×10 -7
26×10 -7
25×10 -7
24×10 -7
23×10 -7
22×10 -7
21×10 -7
20×10 -7
19×10 -7
18×10 -7
COOL_IMP ()
2 4 6 8 10 12 14 16 18 20 22 0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= 1.8036E-06 2.7094E-06
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc


COOL_IMP: Total Implicit Cooling ()
GLOBAL MEANS: ZP= 1.75
336×10⁻⁹
334×10⁻⁹
332×10⁻⁹
330×10⁻⁹
328×10⁻⁹
326×10⁻⁹
324×10⁻⁹
322×10⁻⁹
320×10⁻⁹
318×10⁻⁹
COOL_IMP ()
2 4 6 8 10 12 14 16 18 20 22 0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= 3.1987E-07 3.3482E-07
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

COOL_IMP: Total Implicit Cooling ()
GLOBAL MEANS: ZP= 5.75

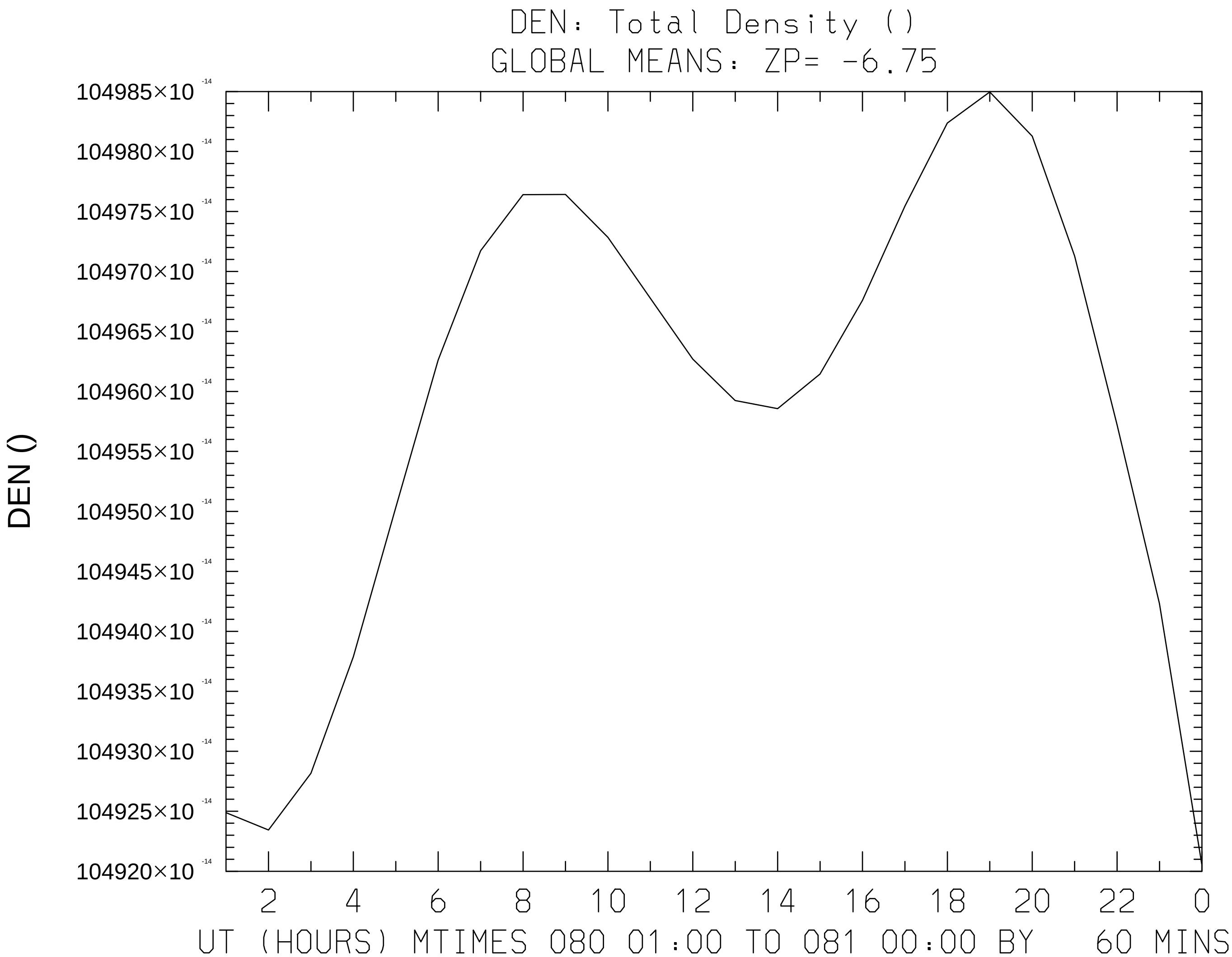


UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS

MIN,MAX= 1.3439E-07 2.2581E-07

MODEL tiegcm_trunk

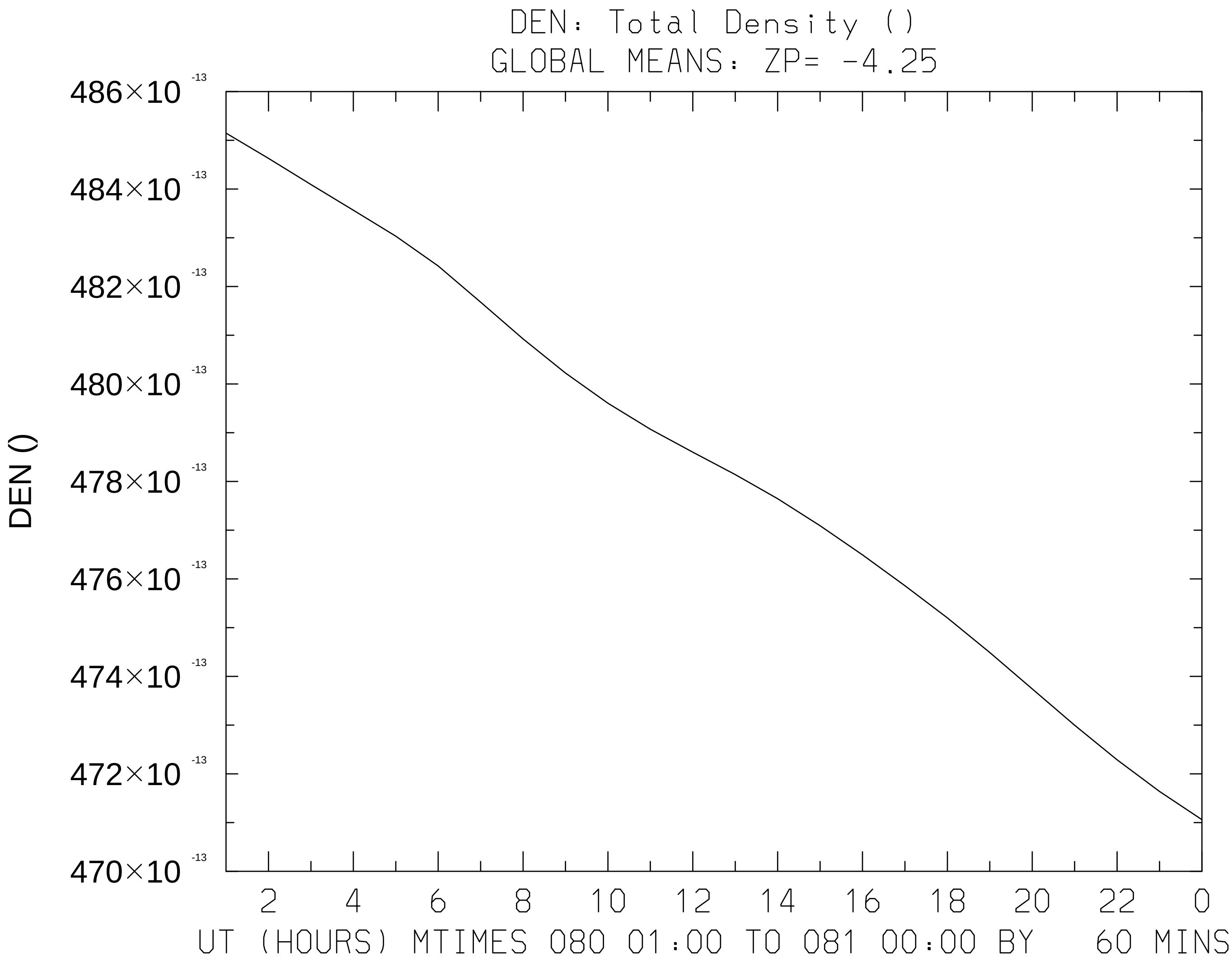
FOSTER.tiegcm_trunk.stest001.nc



MIN,MAX= 1.0492E-09 1.0498E-09

MODEL tiegcm_trunk

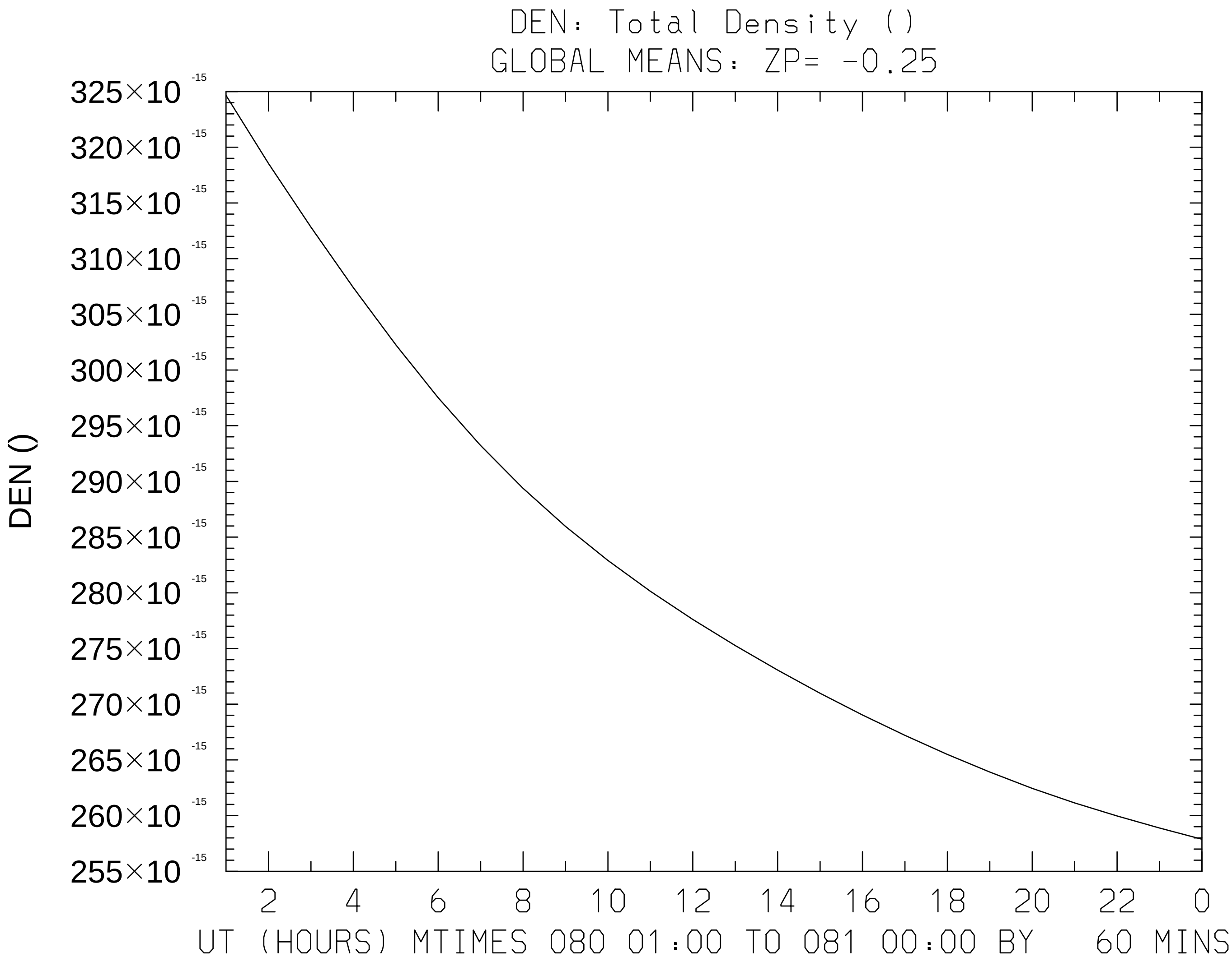
FOSTER.tiegcm_trunk.stest001.nc



MIN,MAX= 4.7106E-11 4.8515E-11

MODEL tiegcm_trunk

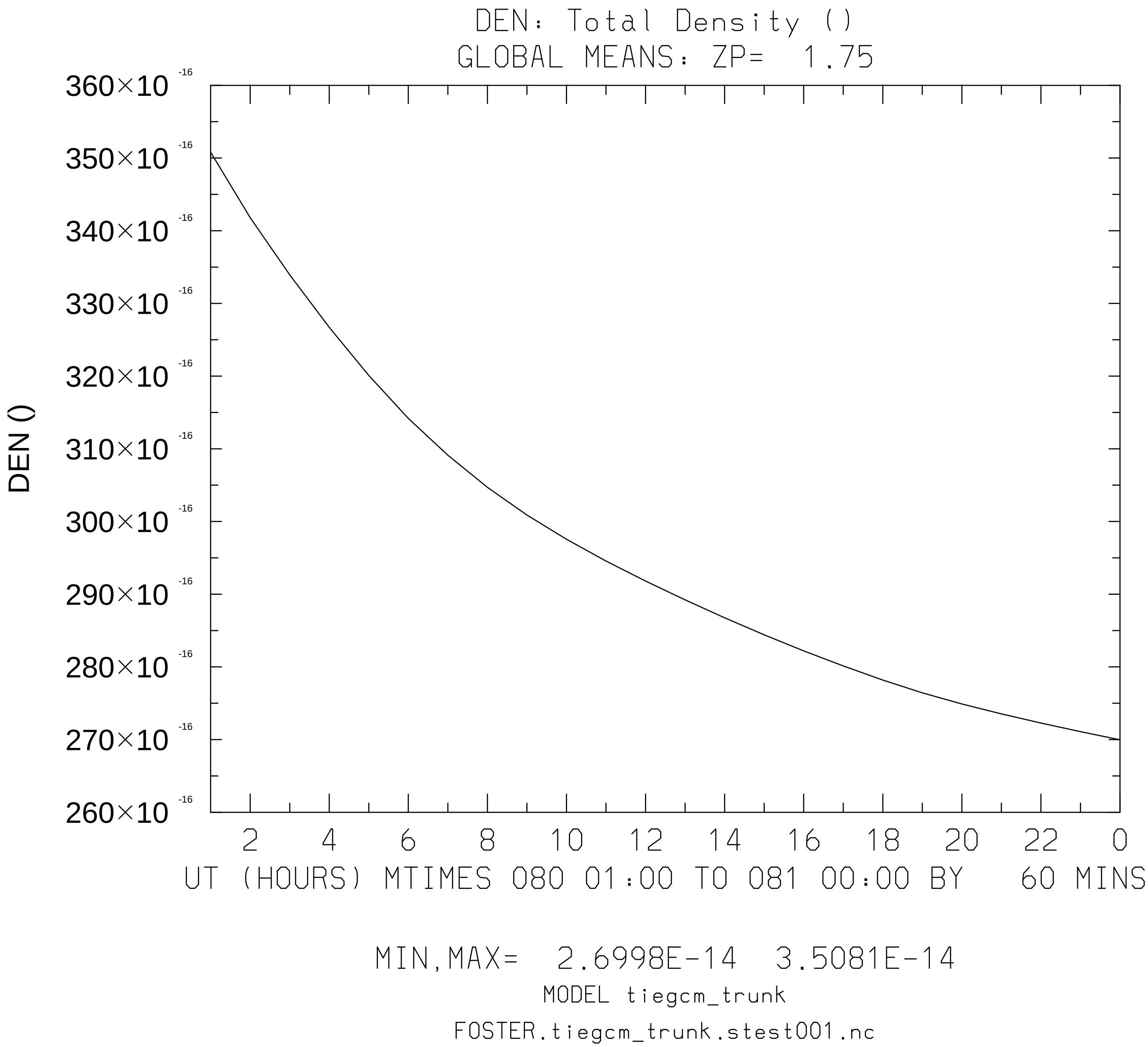
FOSTER.tiegcm_trunk.stest001.nc

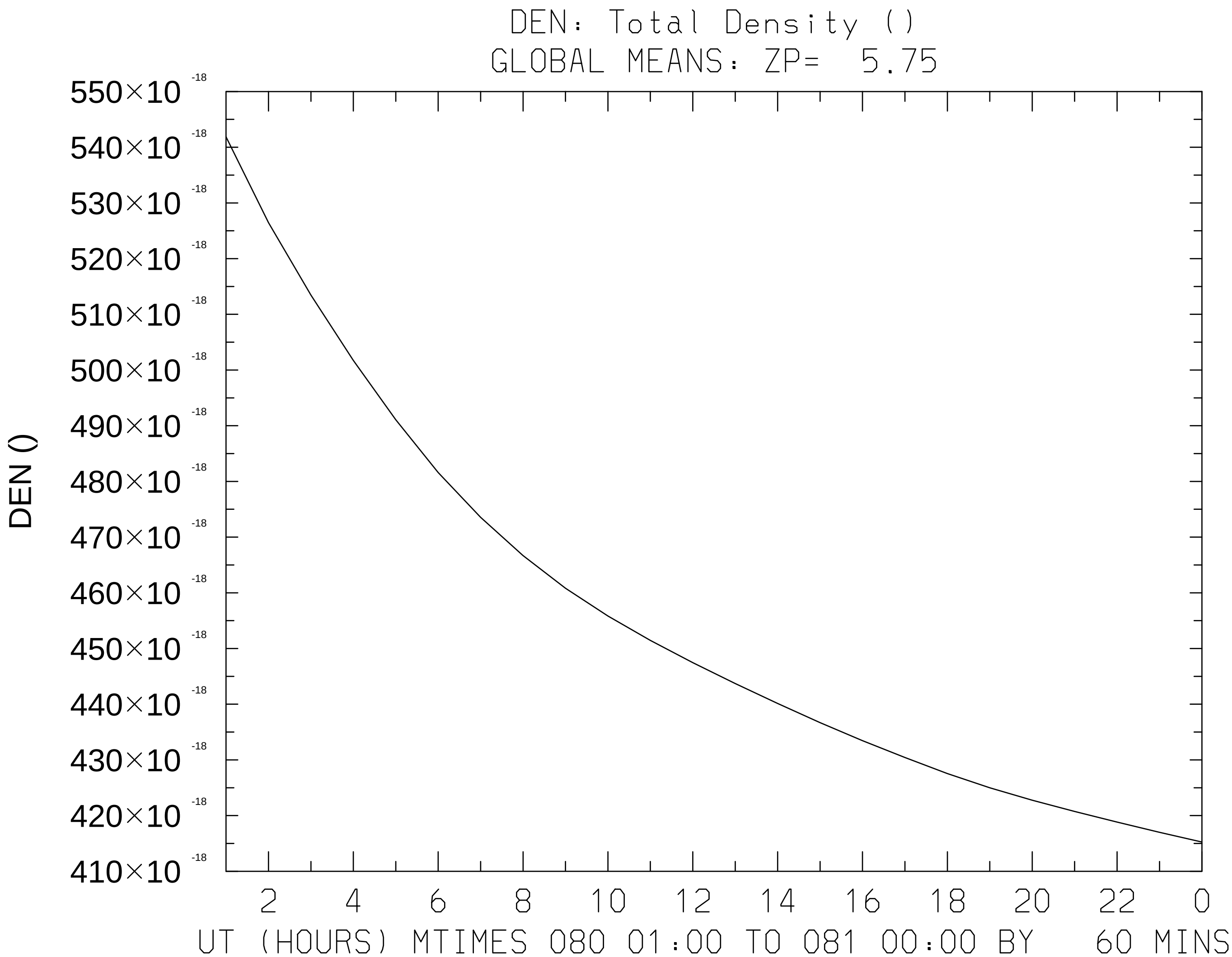


MIN,MAX= 2.5788E-13 3.2466E-13

MODEL tiegcm_trunk

FOSTER.tiegcm_trunk.stest001.nc

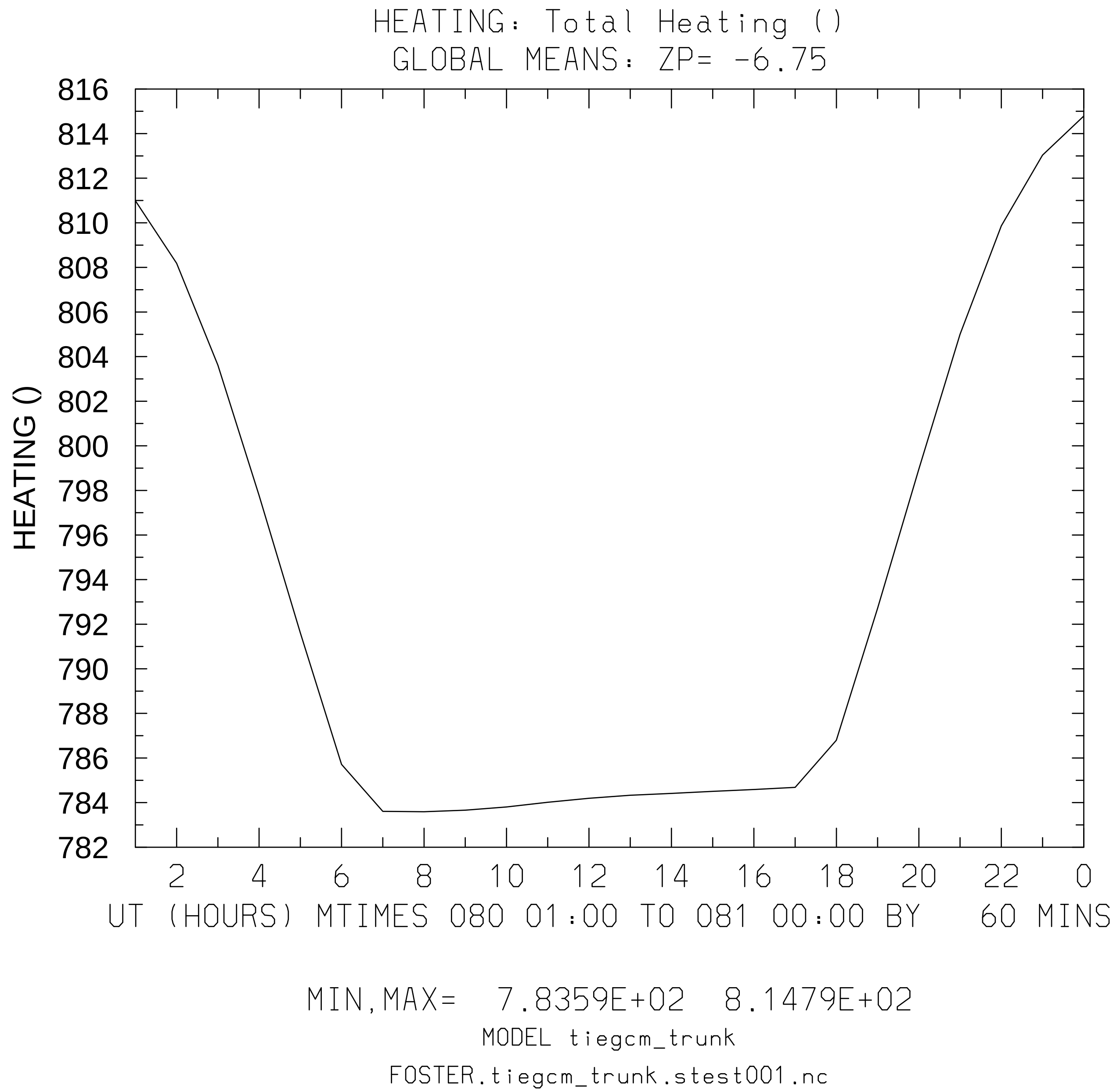

DEN: Total Density ()
GLOBAL MEANS: ZP= 1.75
360×10^-16
350×10^-16
340×10^-16
330×10^-16
320×10^-16
310×10^-16
300×10^-16
290×10^-16
280×10^-16
270×10^-16
260×10^-16
DEN ()
2 4 6 8 10 12 14 16 18 20 22 0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= 2.6998E-14 3.5081E-14
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



MIN,MAX= 4.1525E-16 5.4188E-16

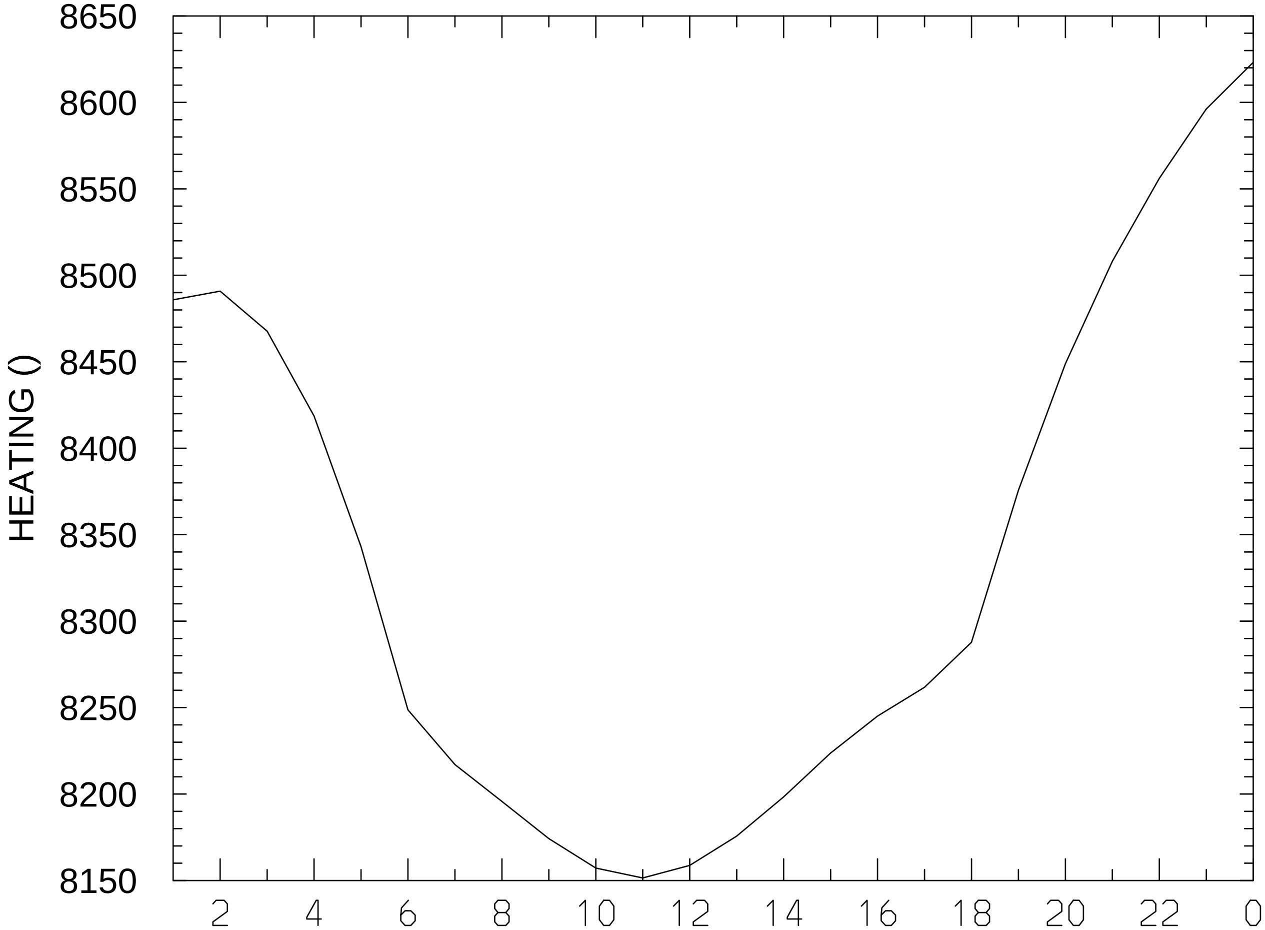
MODEL tiegcm_trunk

FOSTER.tiegcm_trunk.stest001.nc



HEATING: Total Heating ()
GLOBAL MEANS: ZP= -6.75
HEATING ()
816
814
812
810
808
806
804
802
800
798
796
794
792
790
788
786
784
782
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= 7.8359E+02 8.1479E+02
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

HEATING: Total Heating ()
GLOBAL MEANS: ZP= -4.25

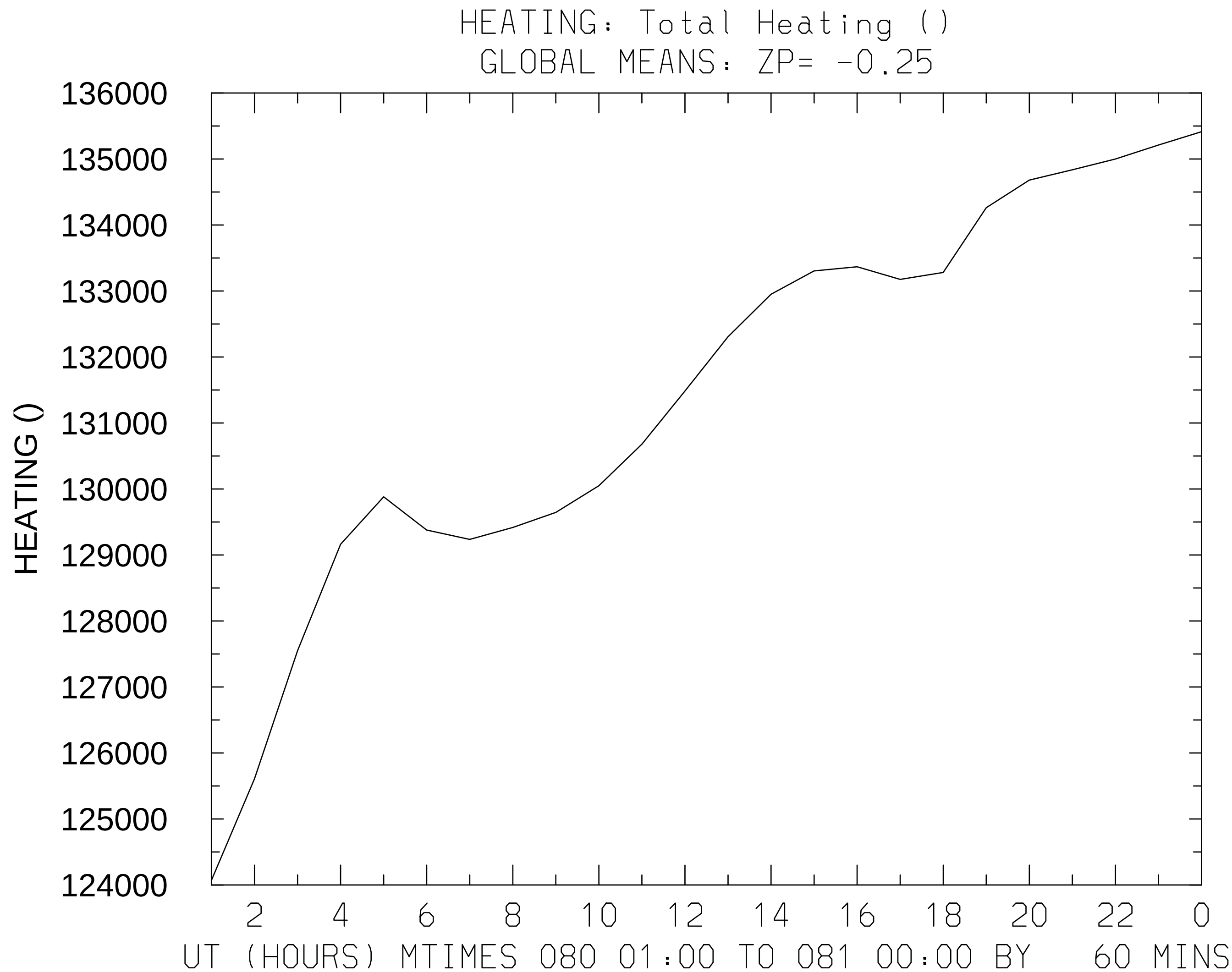


UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS

MIN,MAX= 8.1515E+03 8.6232E+03

MODEL tiegcm_trunk

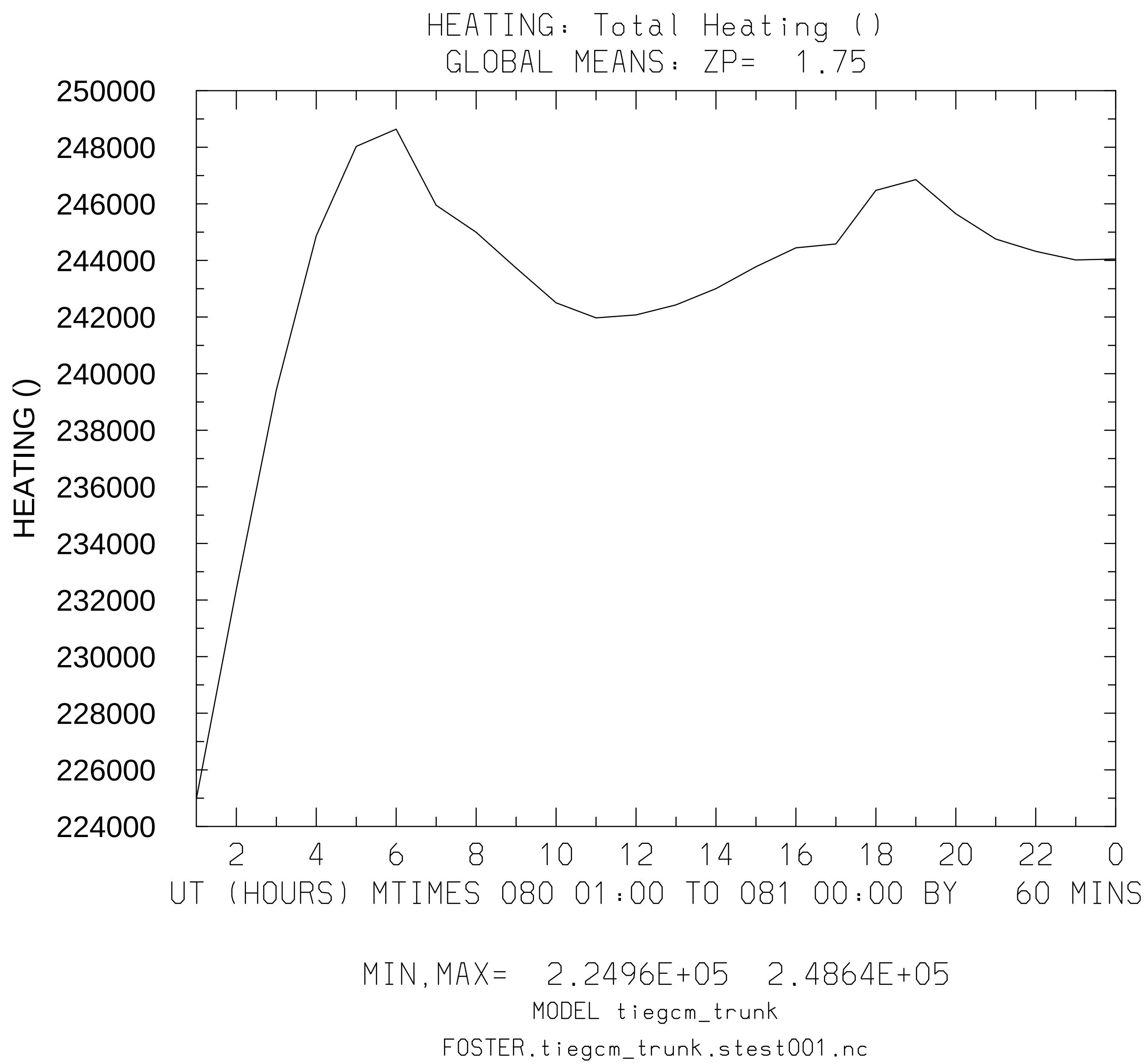
FOSTER.tiegcm_trunk.stest001.nc

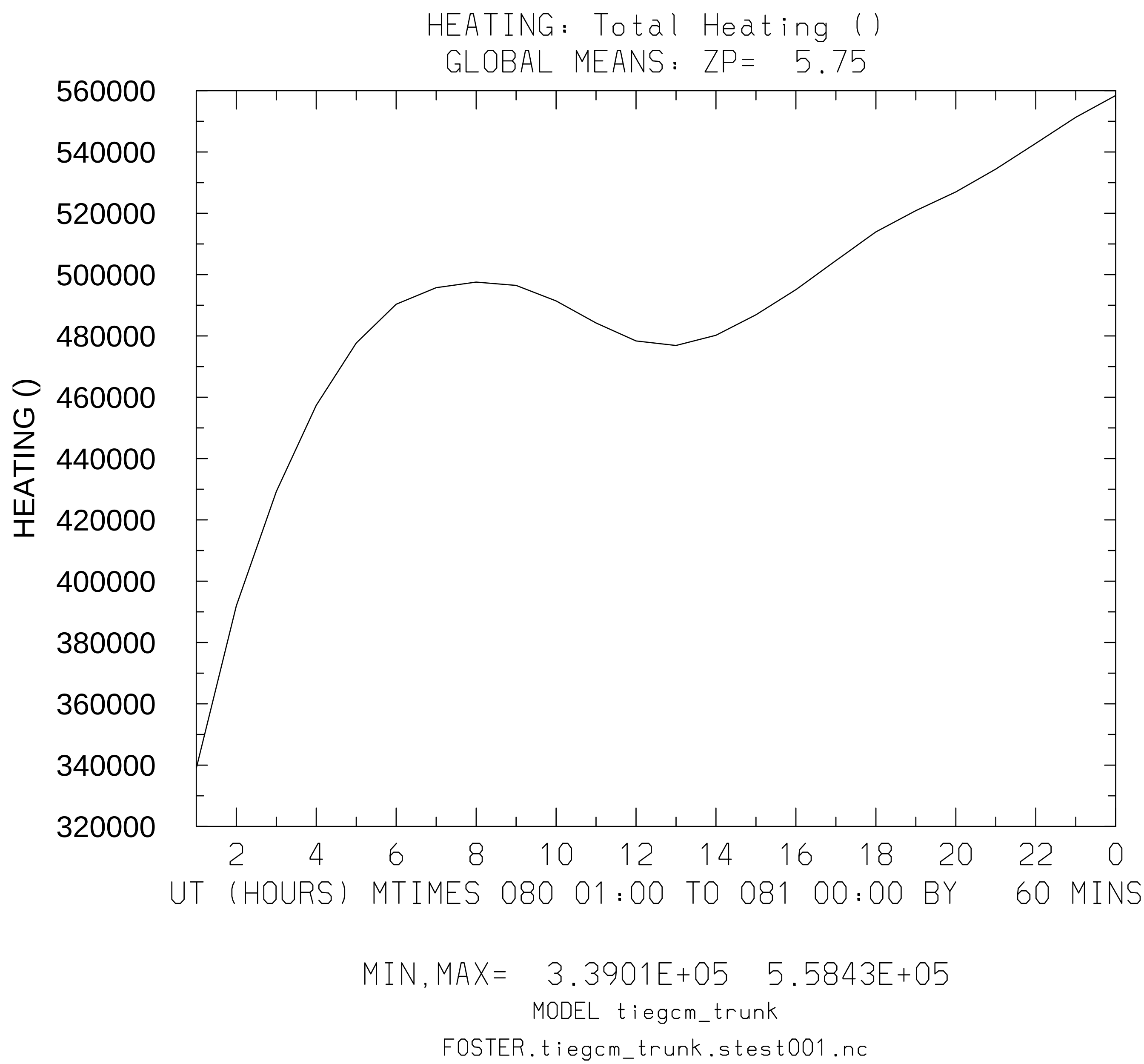


MIN,MAX= 1.2407E+05 1.3541E+05

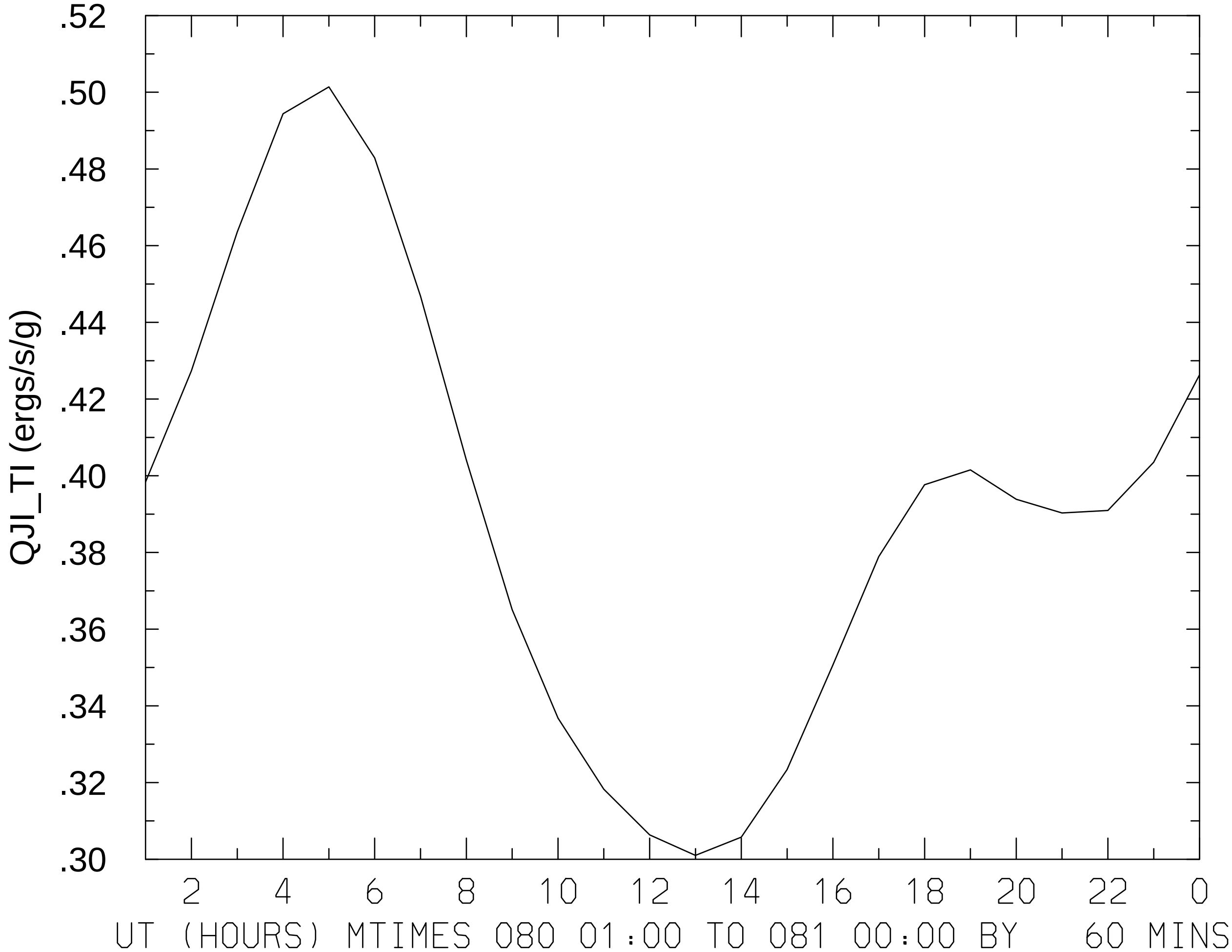
MODEL tiegcm_trunk

FOSTER.tiegcm_trunk.stest001.nc

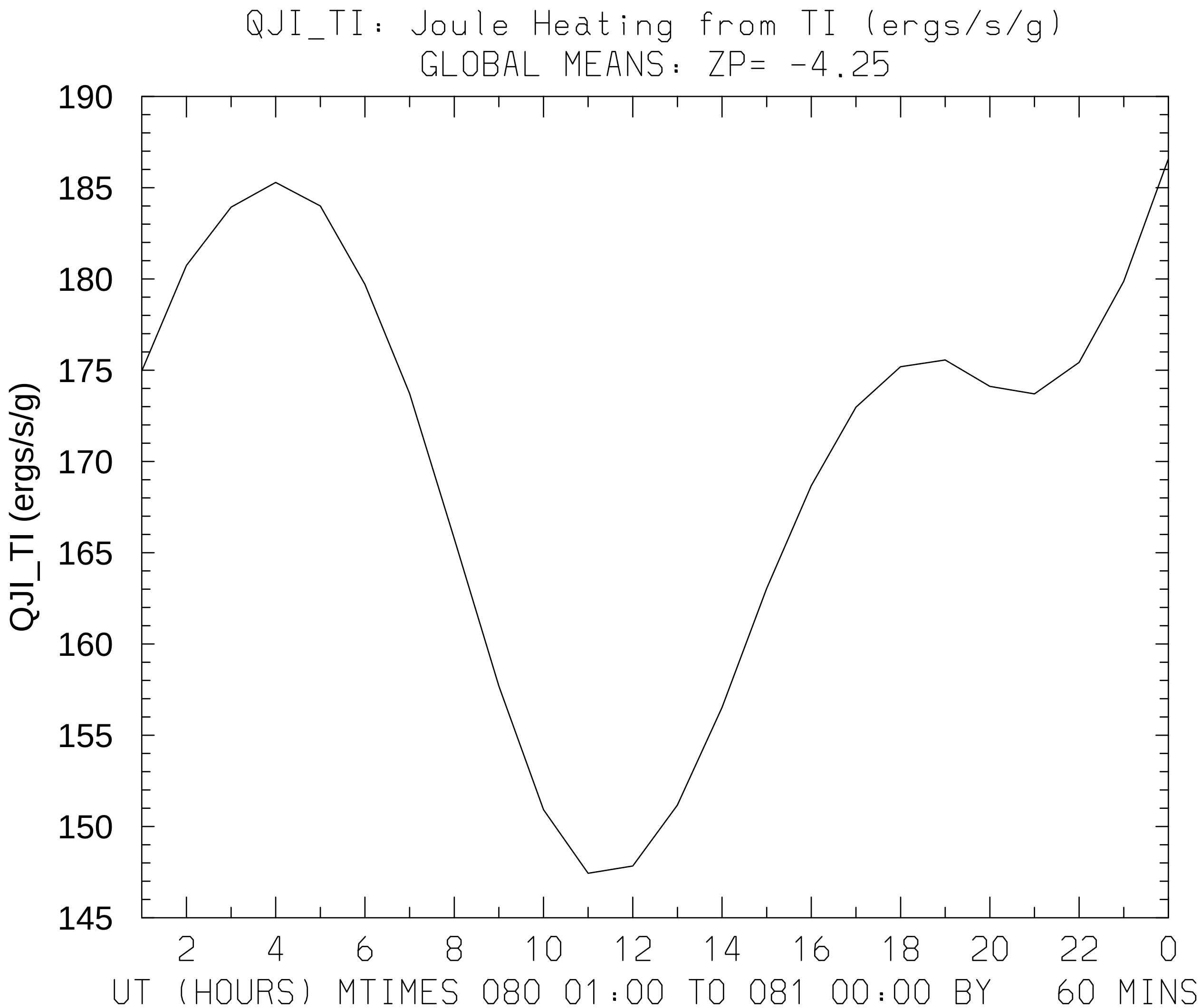

HEATING: Total Heating ()
GLOBAL MEANS: ZP= 1.75
HEATING ()
250000
248000
246000
244000
242000
240000
238000
236000
234000
232000
230000
228000
226000
224000
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= 2.2496E+05 2.4864E+05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc


HEATING: Total Heating ()
GLOBAL MEANS: ZP= 5.75
560000
540000
520000
500000
480000
460000
440000
420000
400000
380000
360000
340000
320000
HEATING ()
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= 3.3901E+05 5.5843E+05
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

QJI_TI: Joule Heating from TI (ergs/s/g)
GLOBAL MEANS: ZP= -6.75



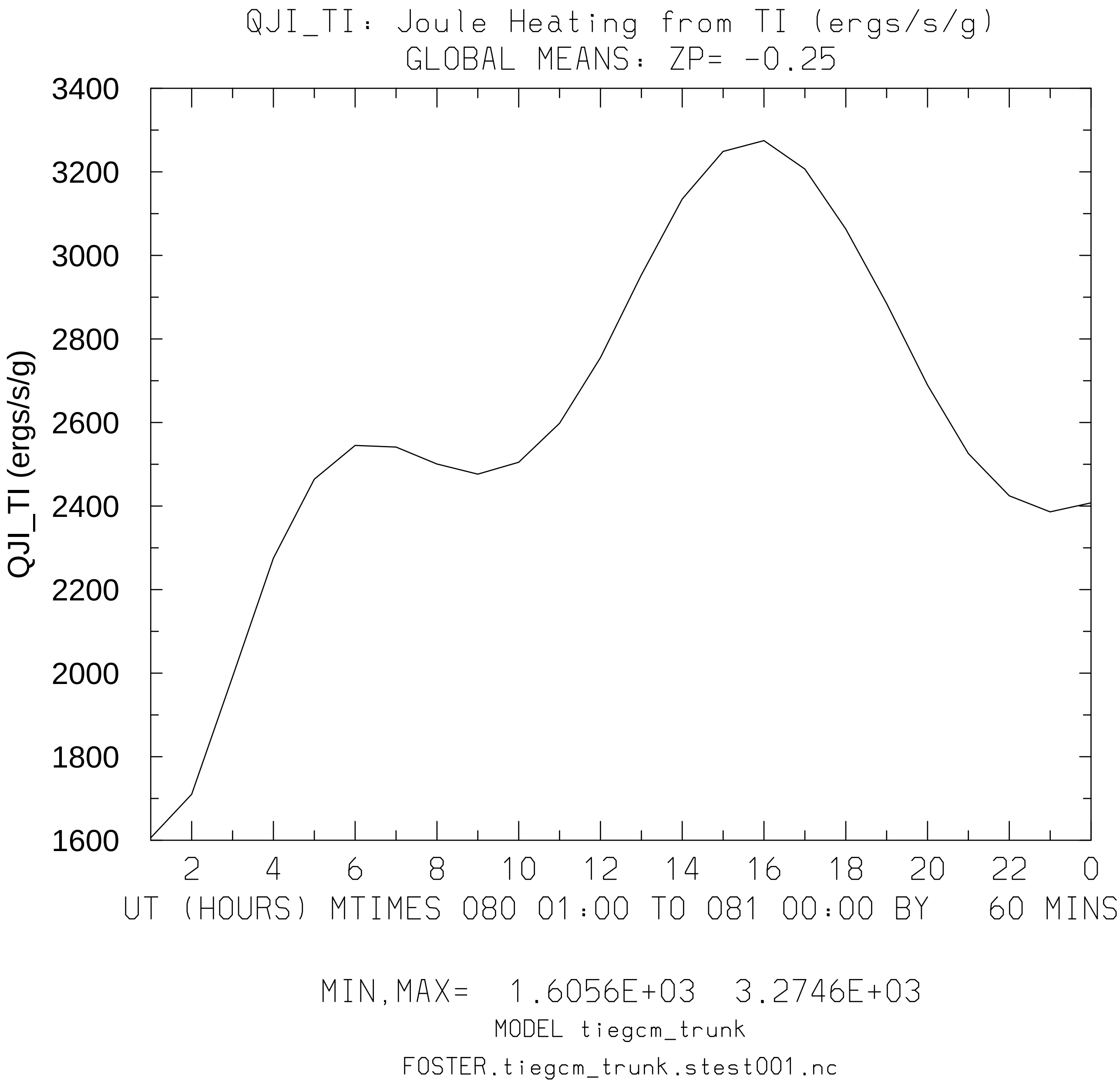
MIN,MAX= 3.0101E-01 5.0139E-01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



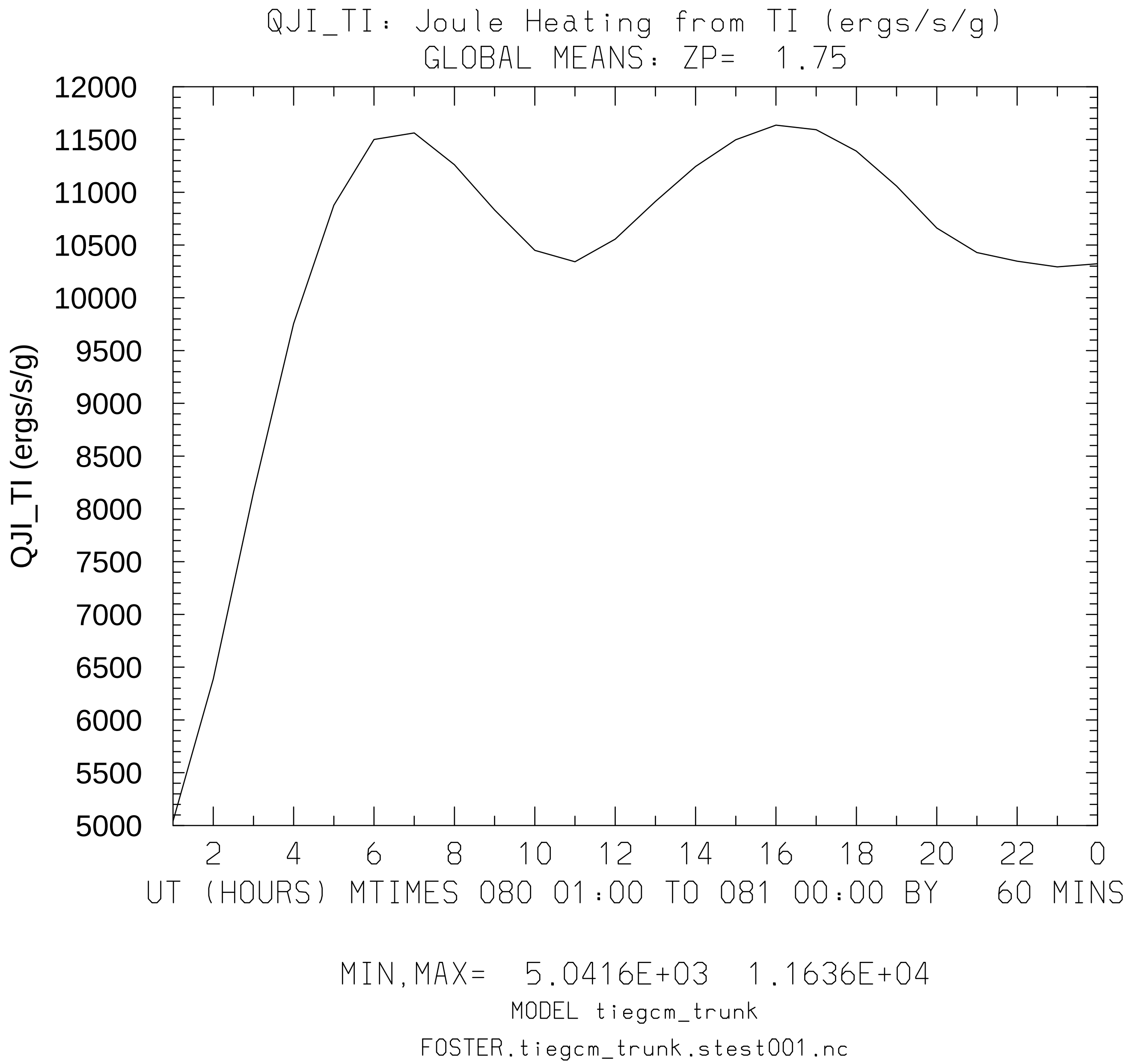
MIN,MAX= 1.4743E+02 1.8659E+02

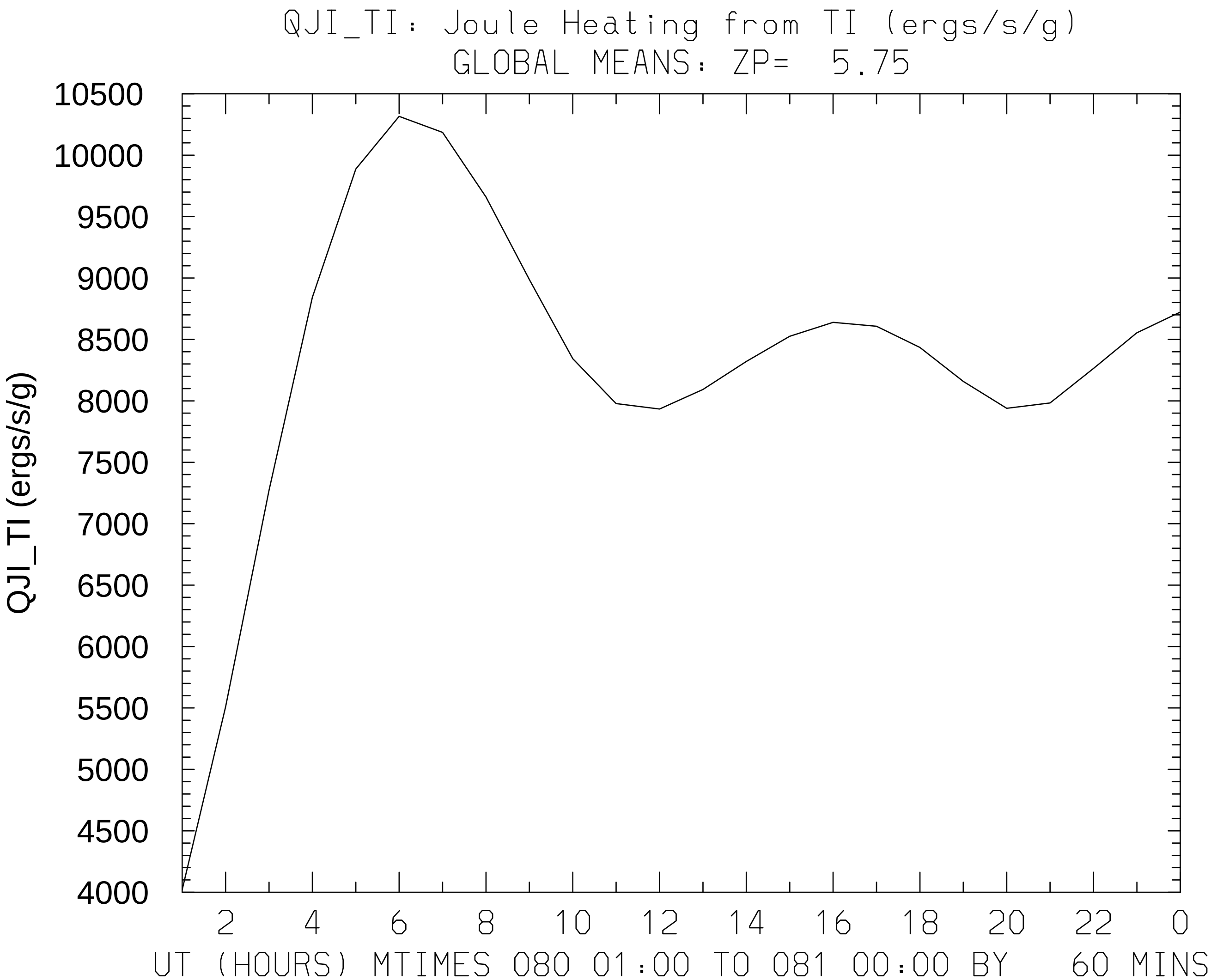
MODEL tiegcm_trunk

FOSTER.tiegcm_trunk.stest001.nc



QJI_TI: Joule Heating from TI (ergs/s/g)
GLOBAL MEANS: ZP= -0.25
QJI_TI (ergs/s/g)
3400
3200
3000
2800
2600
2400
2200
2000
1800
1600
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= 1.6056E+03 3.2746E+03
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

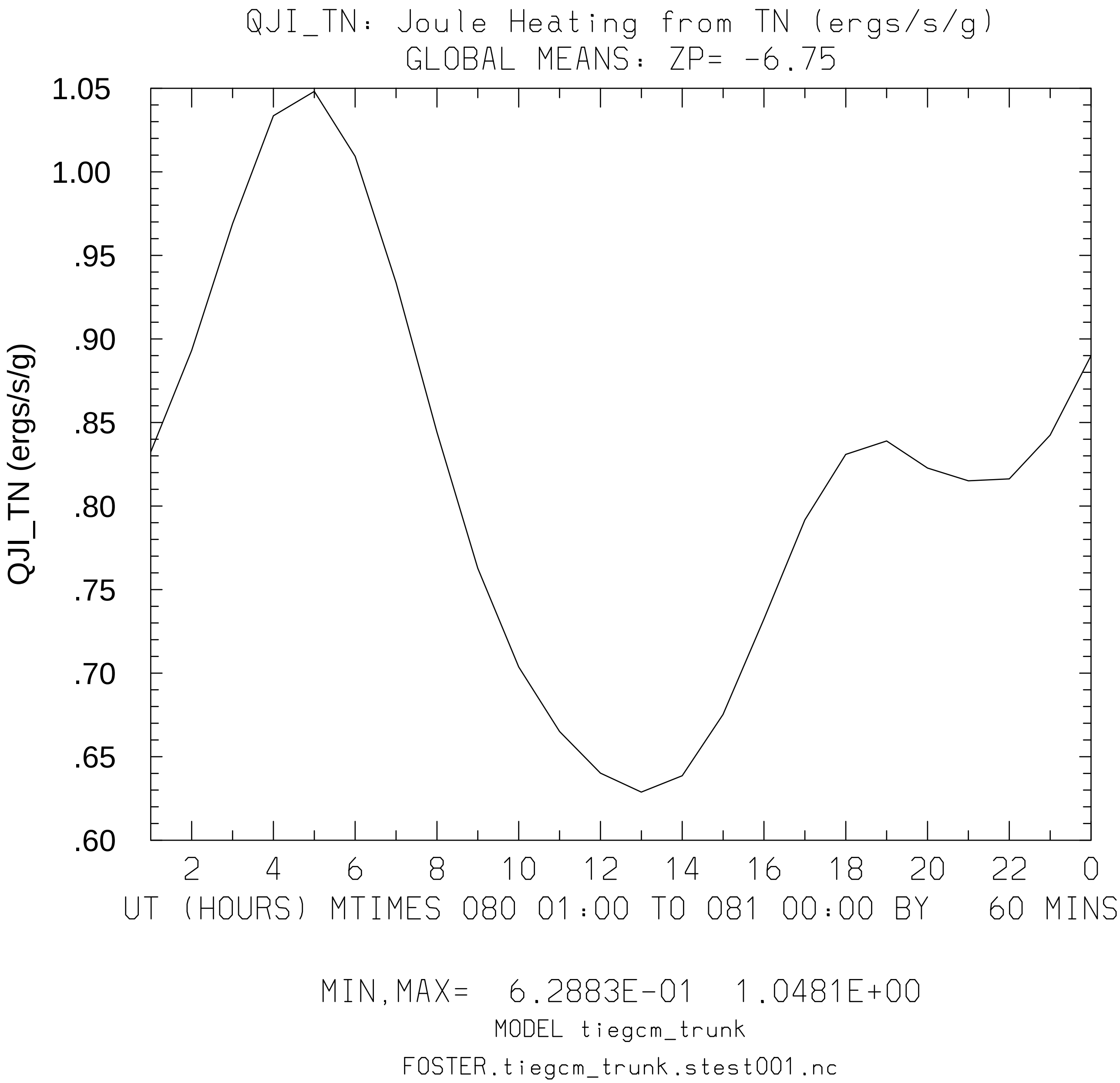

QJI_TI: Joule Heating from TI (ergs/s/g)
GLOBAL MEANS: ZP= 1.75
QJI_TI (ergs/s/g)
12000
11500
11000
10500
10000
9500
9000
8500
8000
7500
7000
6500
6000
5500
5000
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= 5.0416E+03 1.1636E+04
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

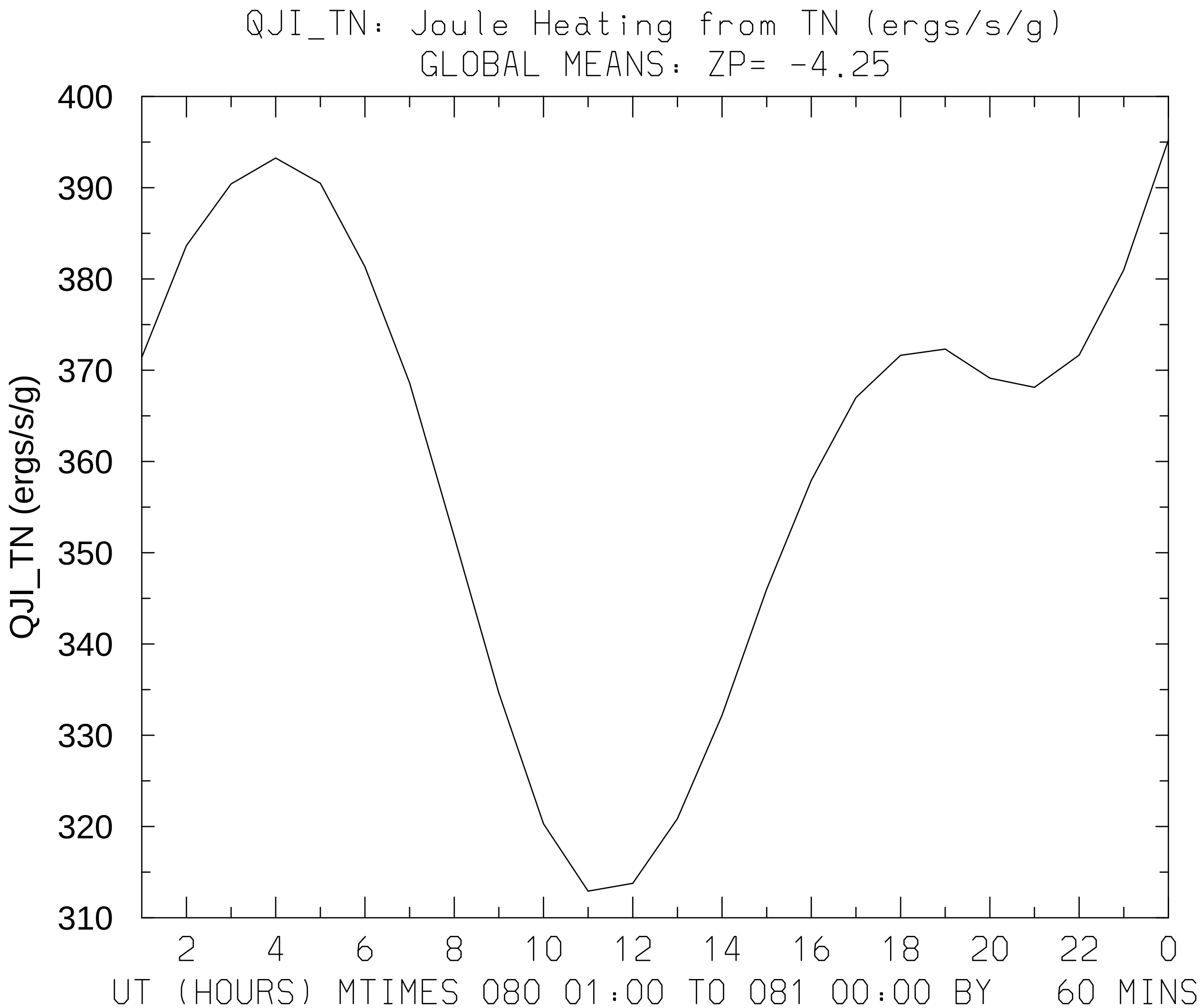


MIN,MAX= 4.0195E+03 1.0316E+04

MODEL tiegcm_trunk

FOSTER.tiegcm_trunk.stest001.nc

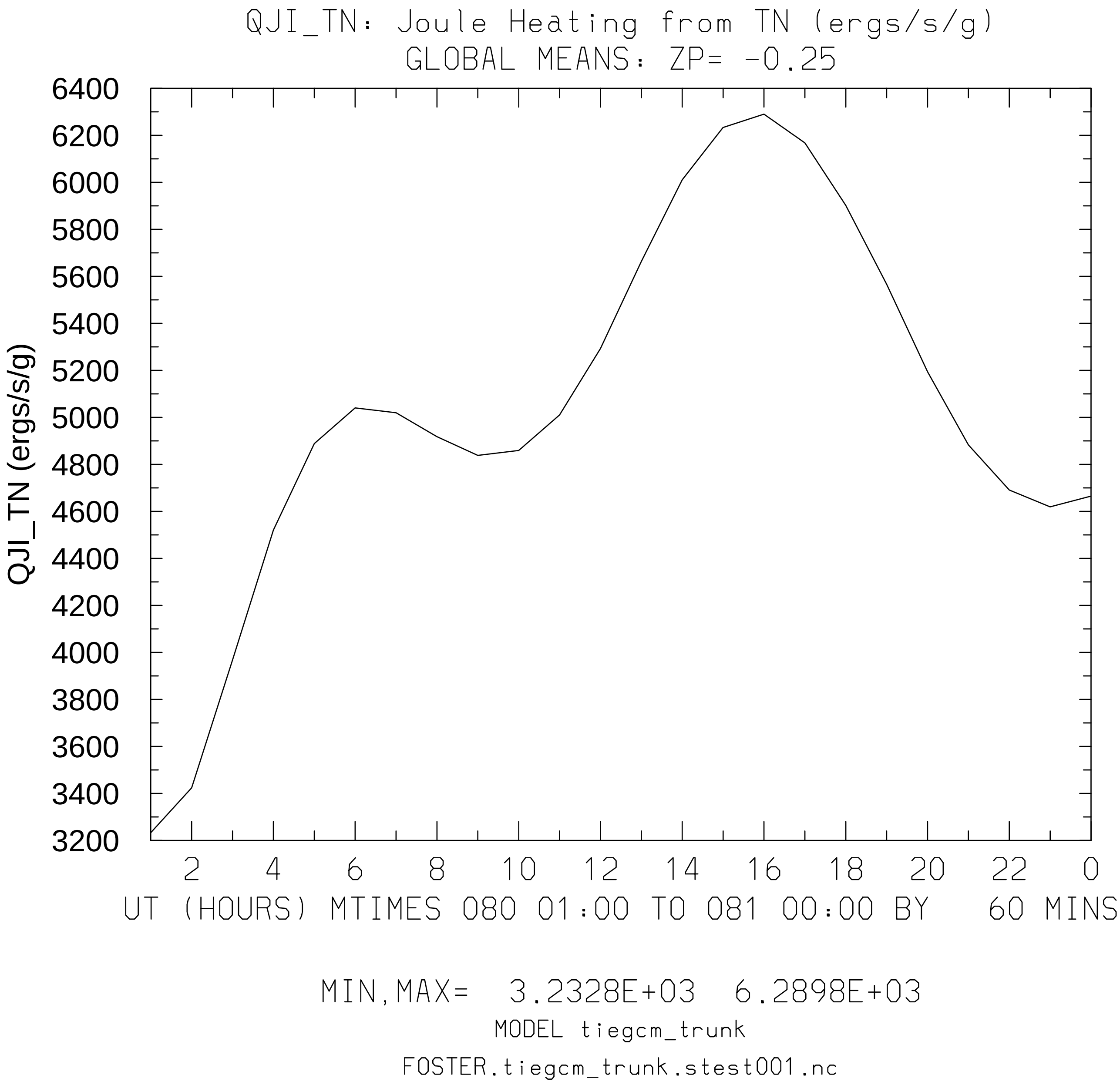

QJI_TN: Joule Heating from TN (ergs/s/g)
GLOBAL MEANS: ZP= -6.75
QJI_TN (ergs/s/g)
1.05
1.00
.95
.90
.85
.80
.75
.70
.65
.60
2 4 6 8 10 12 14 16 18 20 22 0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= 6.2883E-01 1.0481E+00
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



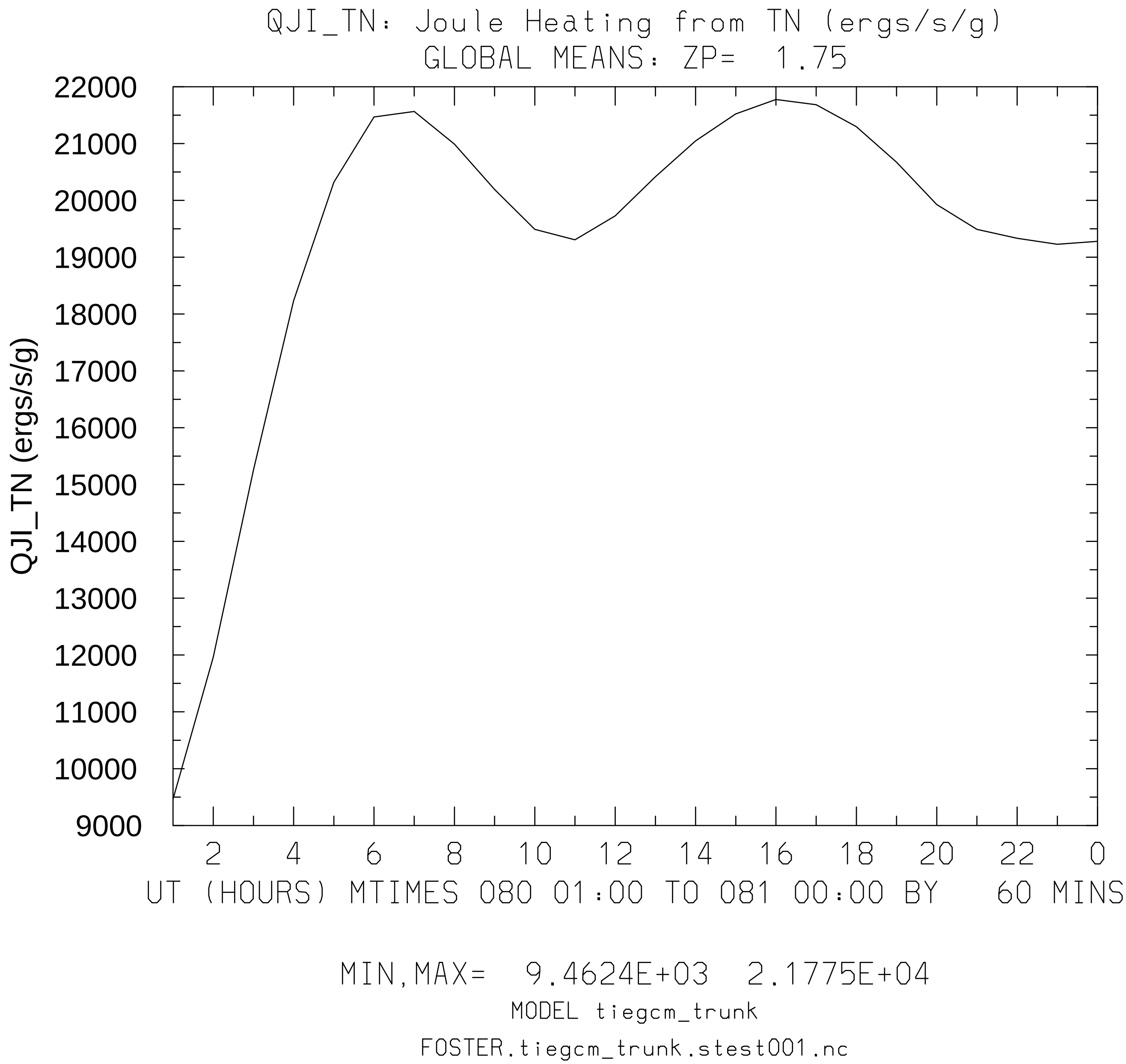
MIN,MAX= 3.1291E+02 3.9522E+02

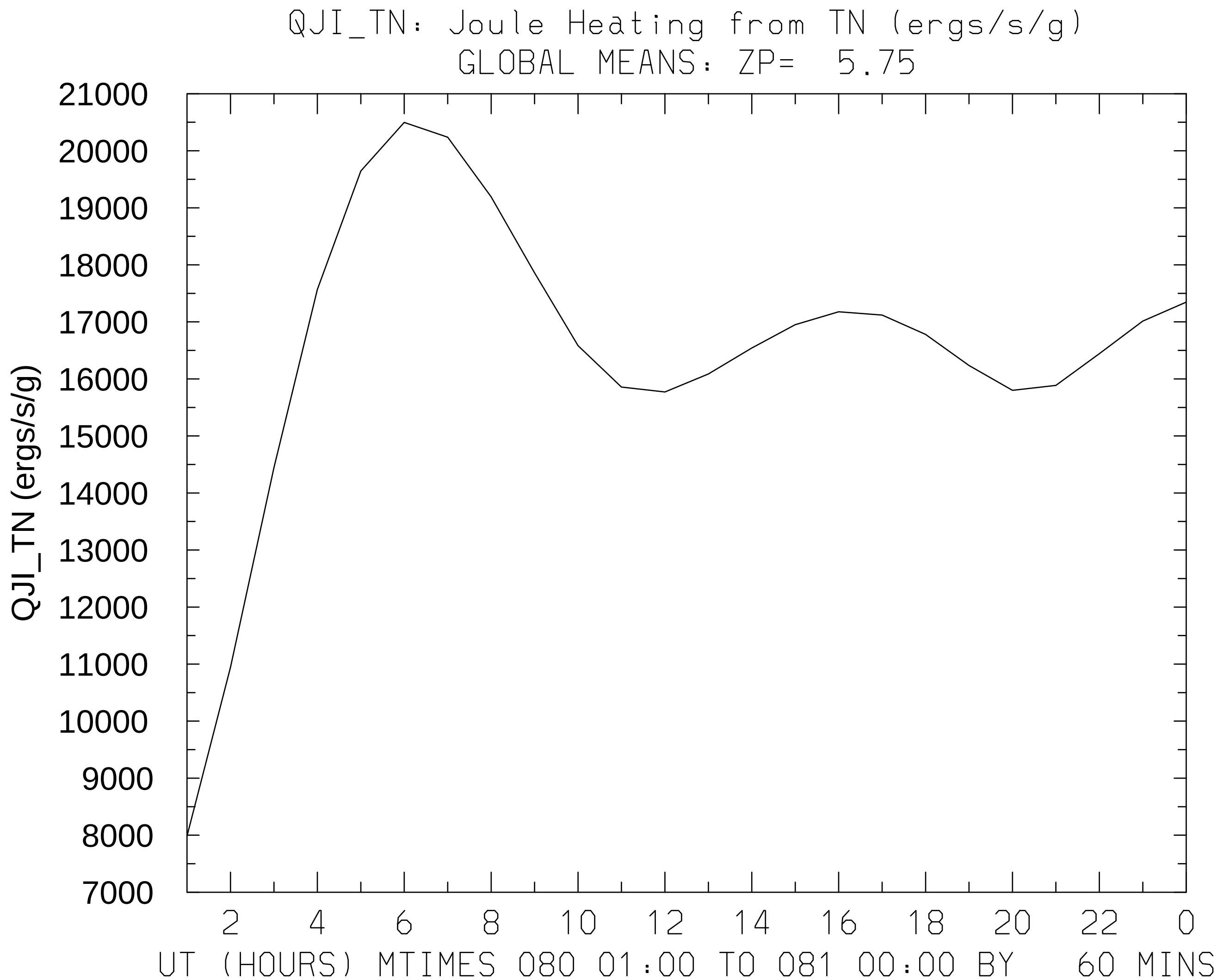
MODEL tiegcm_trunk

FOSTER.tiegcm_trunk.stest001.nc



QJI_TN: Joule Heating from TN (ergs/s/g)
GLOBAL MEANS: ZP= -0.25
6400
6200
6000
5800
5600
5400
5200
5000
4800
4600
4400
4200
4000
3800
3600
3400
3200
QJI_TN (ergs/s/g)
2 4 6 8 10 12 14 16 18 20 22 0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= 3.2328E+03 6.2898E+03
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

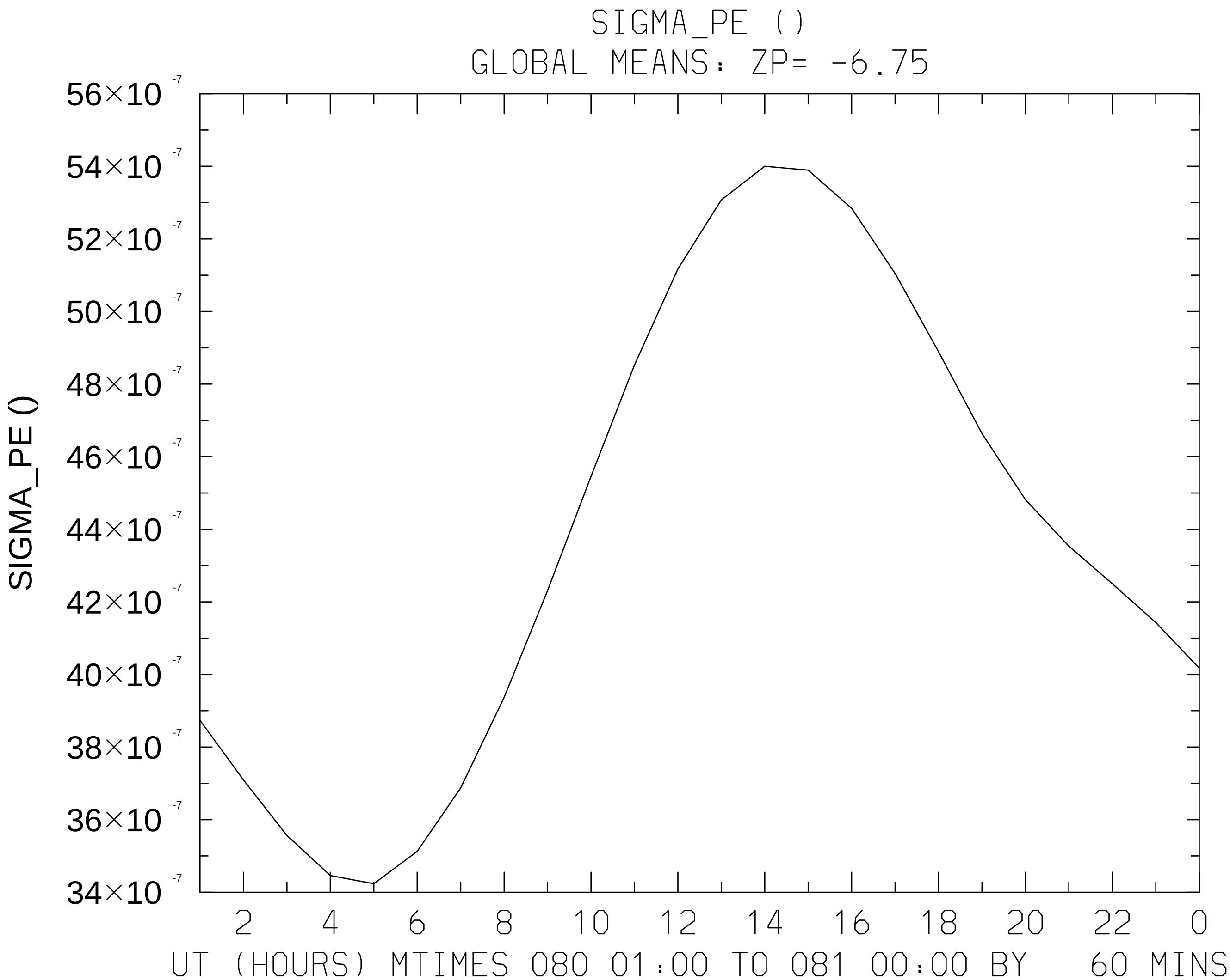

QJI_TN: Joule Heating from TN (ergs/s/g)
GLOBAL MEANS: ZP= 1.75
QJI_TN (ergs/s/g)
22000
21000
20000
19000
18000
17000
16000
15000
14000
13000
12000
11000
10000
9000
2 4 6 8 10 12 14 16 18 20 22 0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= 9.4624E+03 2.1775E+04
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



MIN,MAX= 7.9850E+03 2.0497E+04

MODEL tiegcm_trunk

FOSTER.tiegcm_trunk.stest001.nc

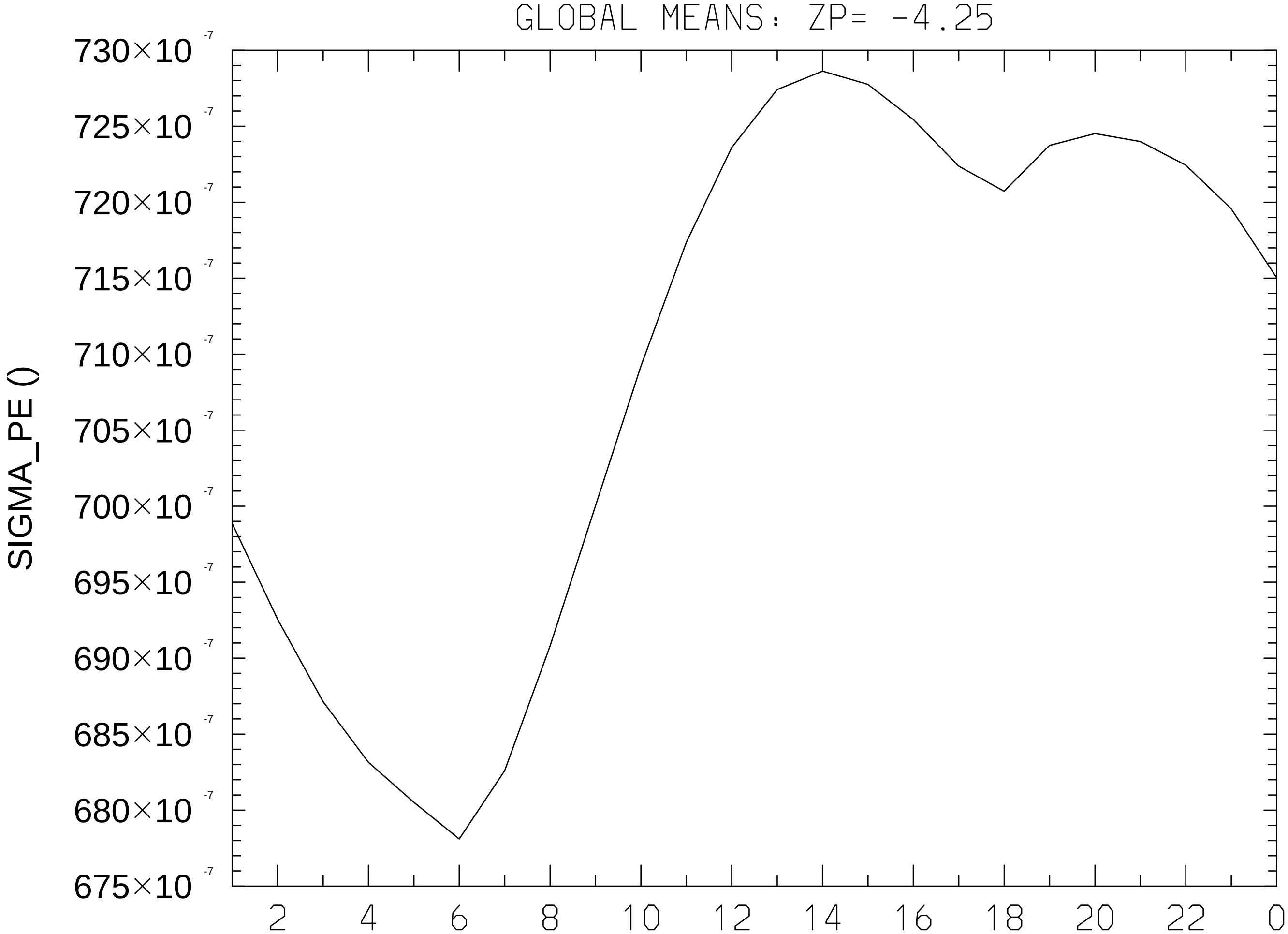


MIN,MAX= 3.4234E-06 5.4001E-06

MODEL tiegcm_trunk

FOSTER.tiegcm_trunk.stest001.nc

SIGMA_PE ()
GLOBAL MEANS: ZP= -4.25

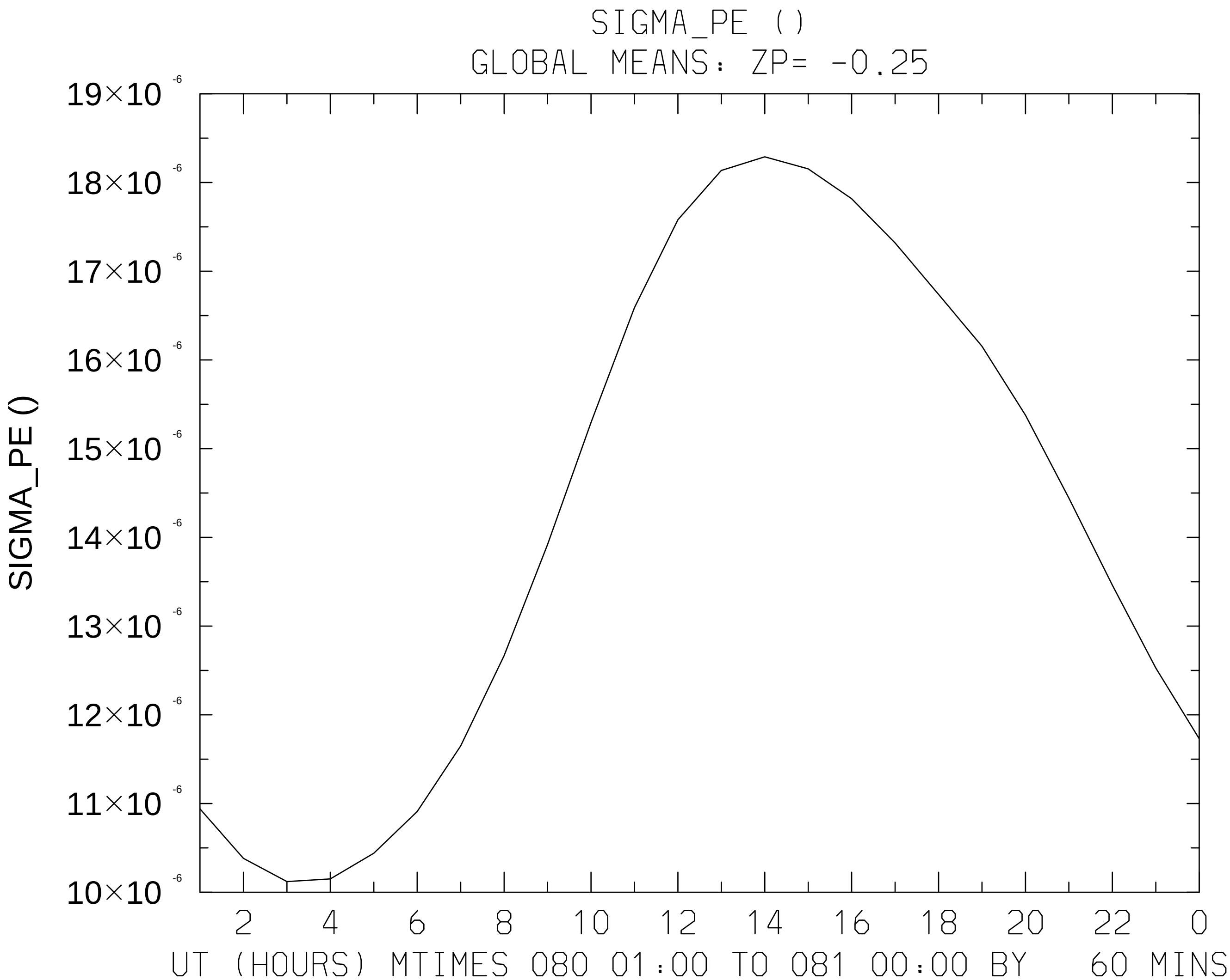


UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS

MIN,MAX= 6.7811E-05 7.2862E-05

MODEL tiegcm_trunk

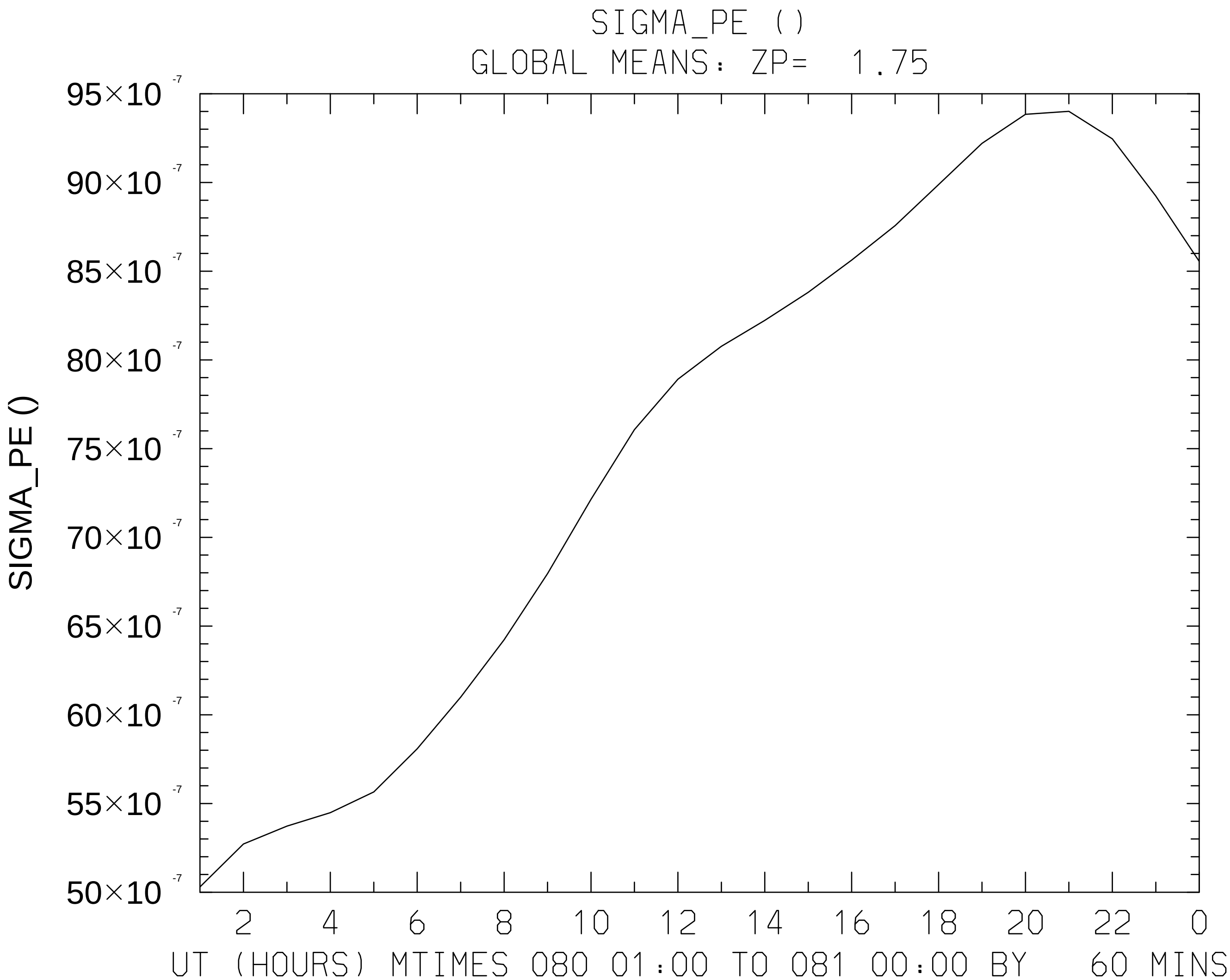
FOSTER.tiegcm_trunk.stest001.nc



MIN,MAX= 1.0120E-05 1.8289E-05

MODEL tiegcm_trunk

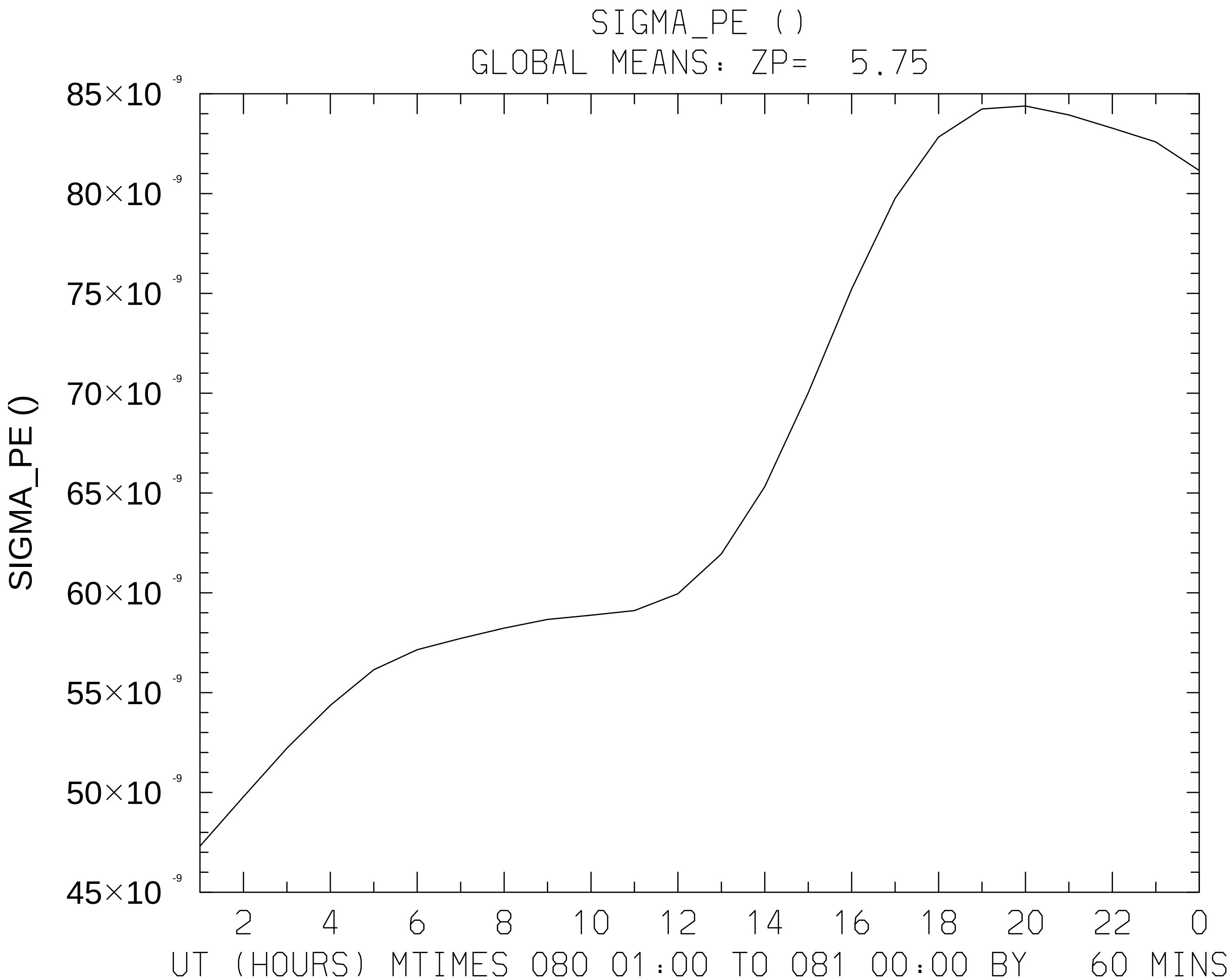
FOSTER.tiegcm_trunk.stest001.nc



MIN,MAX= 5.0301E-06 9.4006E-06

MODEL tiegcm_trunk

FOSTER.tiegcm_trunk.stest001.nc

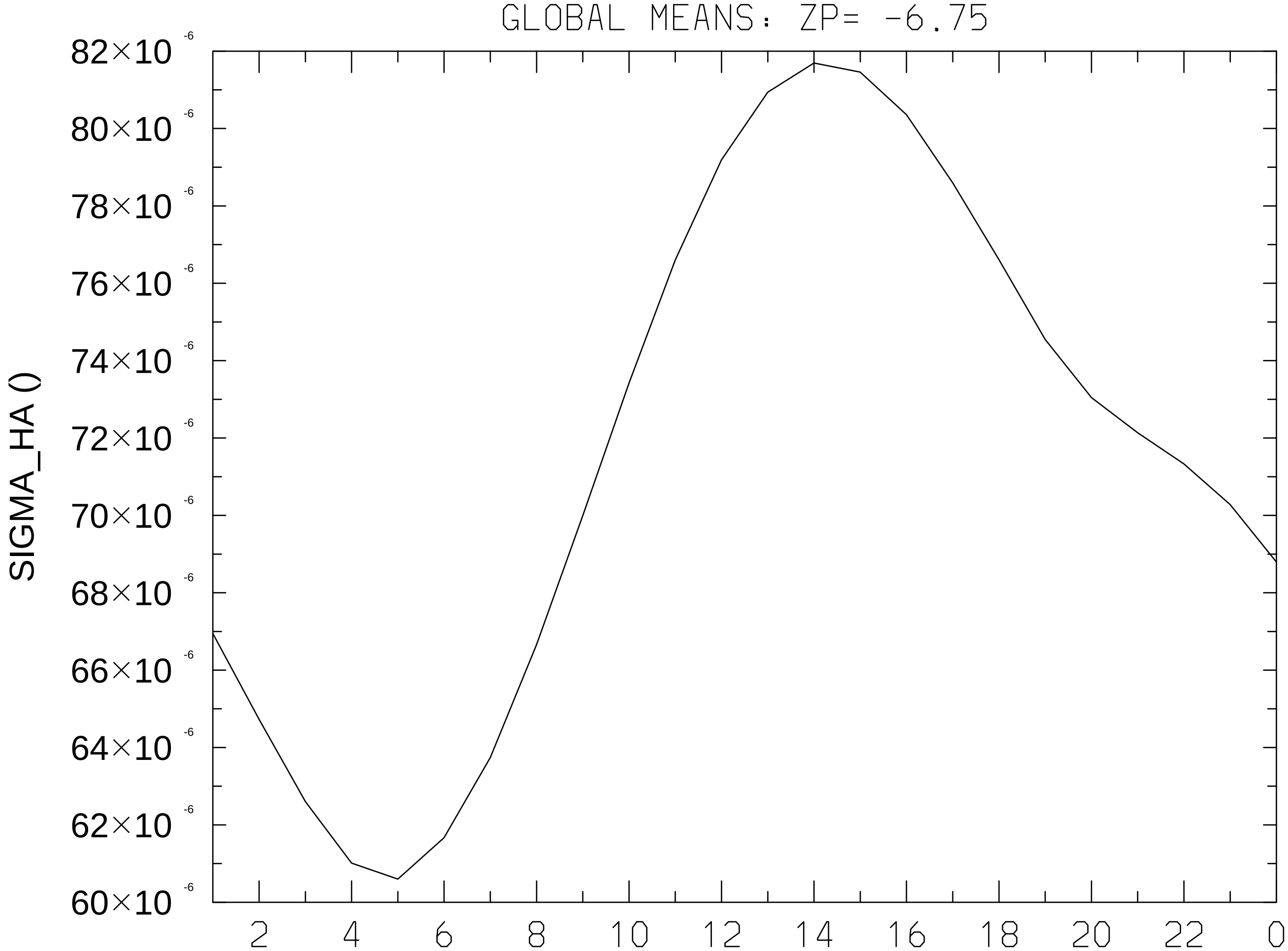


MIN,MAX= 4.7306E-08 8.4386E-08

MODEL tiegcm_trunk

FOSTER.tiegcm_trunk.stest001.nc

SIGMA_HA ()
GLOBAL MEANS: ZP= -6.75

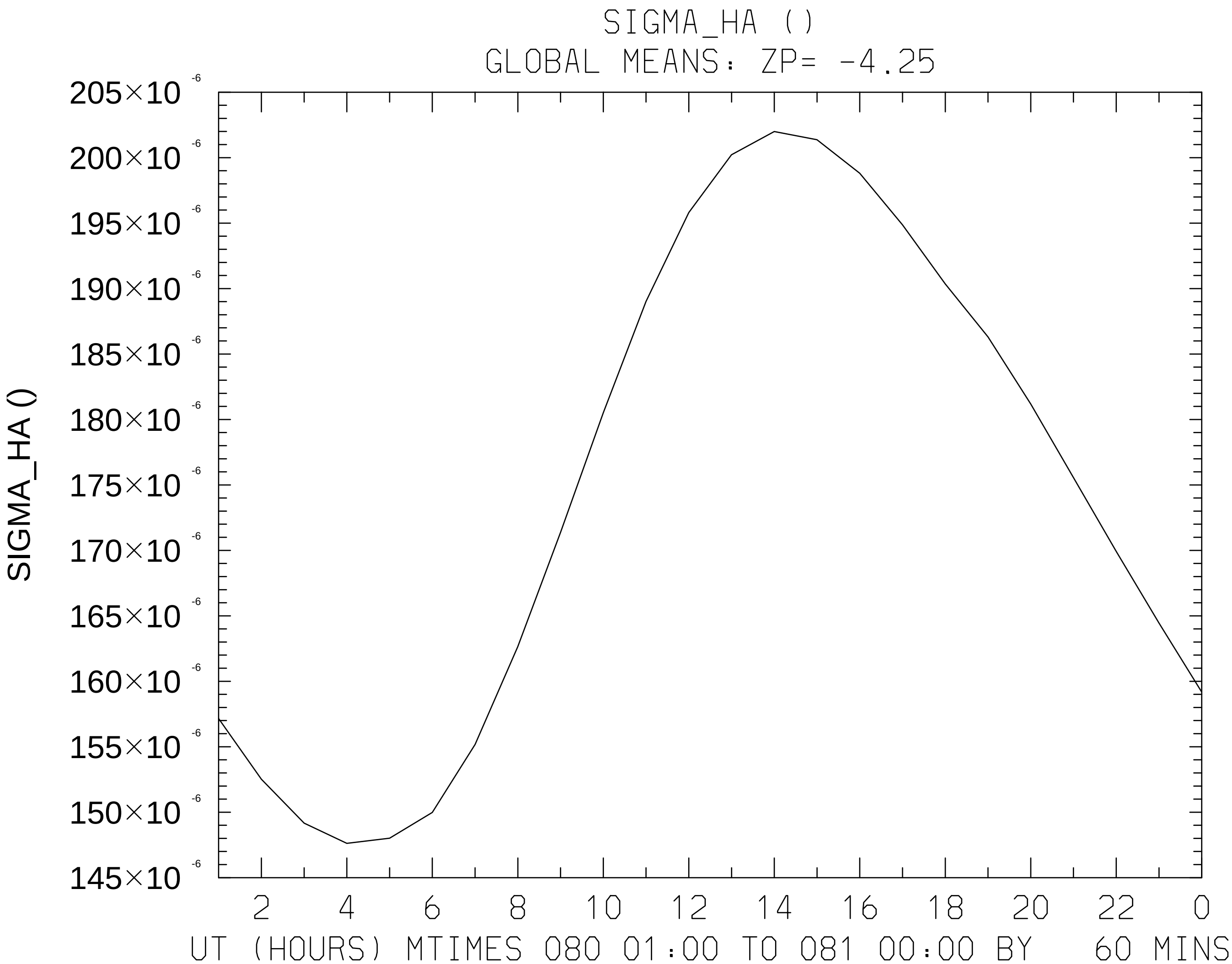


UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS

MIN,MAX= 6.0601E-05 8.1693E-05

MODEL tiegcm_trunk

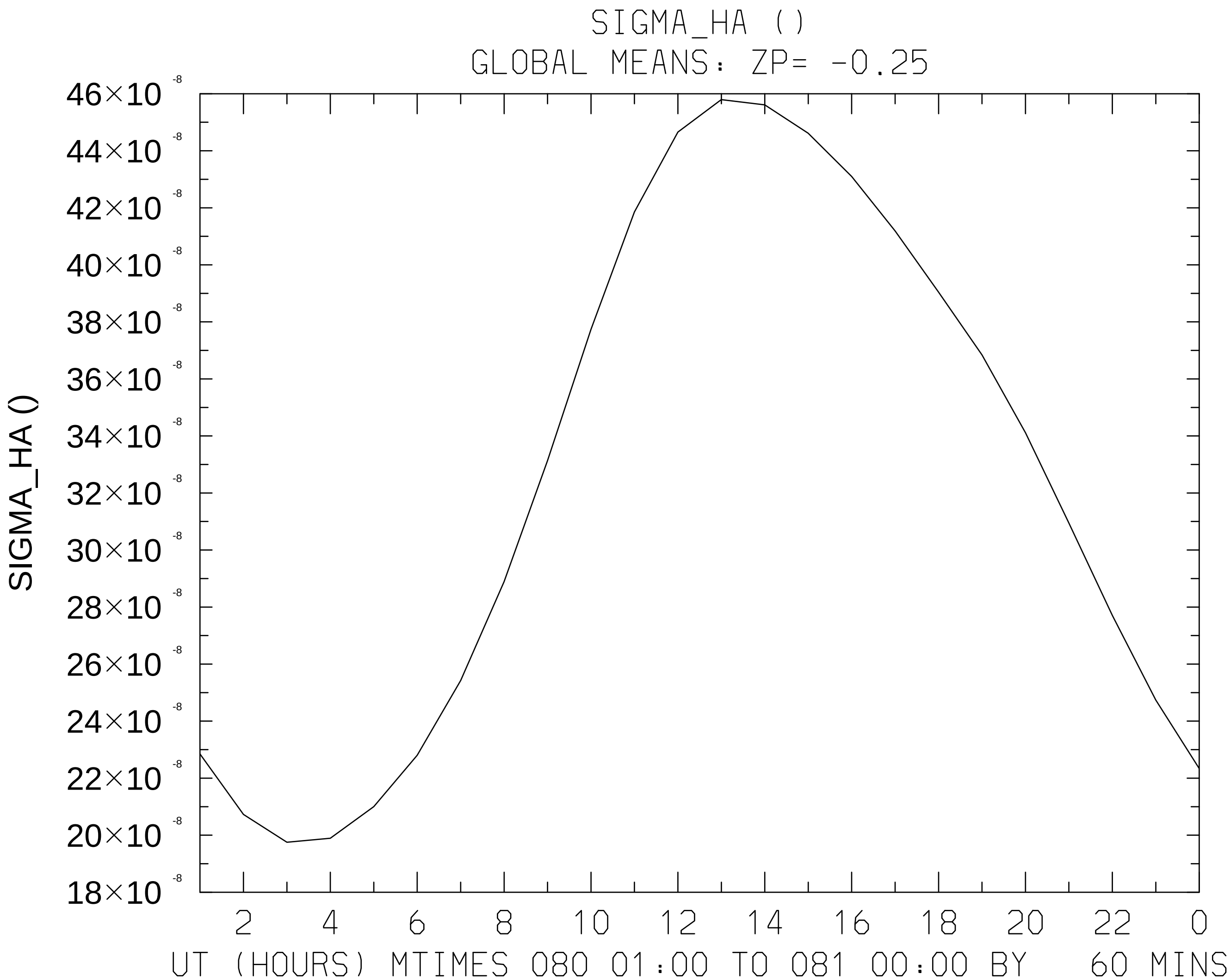
FOSTER.tiegcm_trunk.stest001.nc



MIN,MAX= 1.4762E-04 2.0200E-04

MODEL tiegcm_trunk

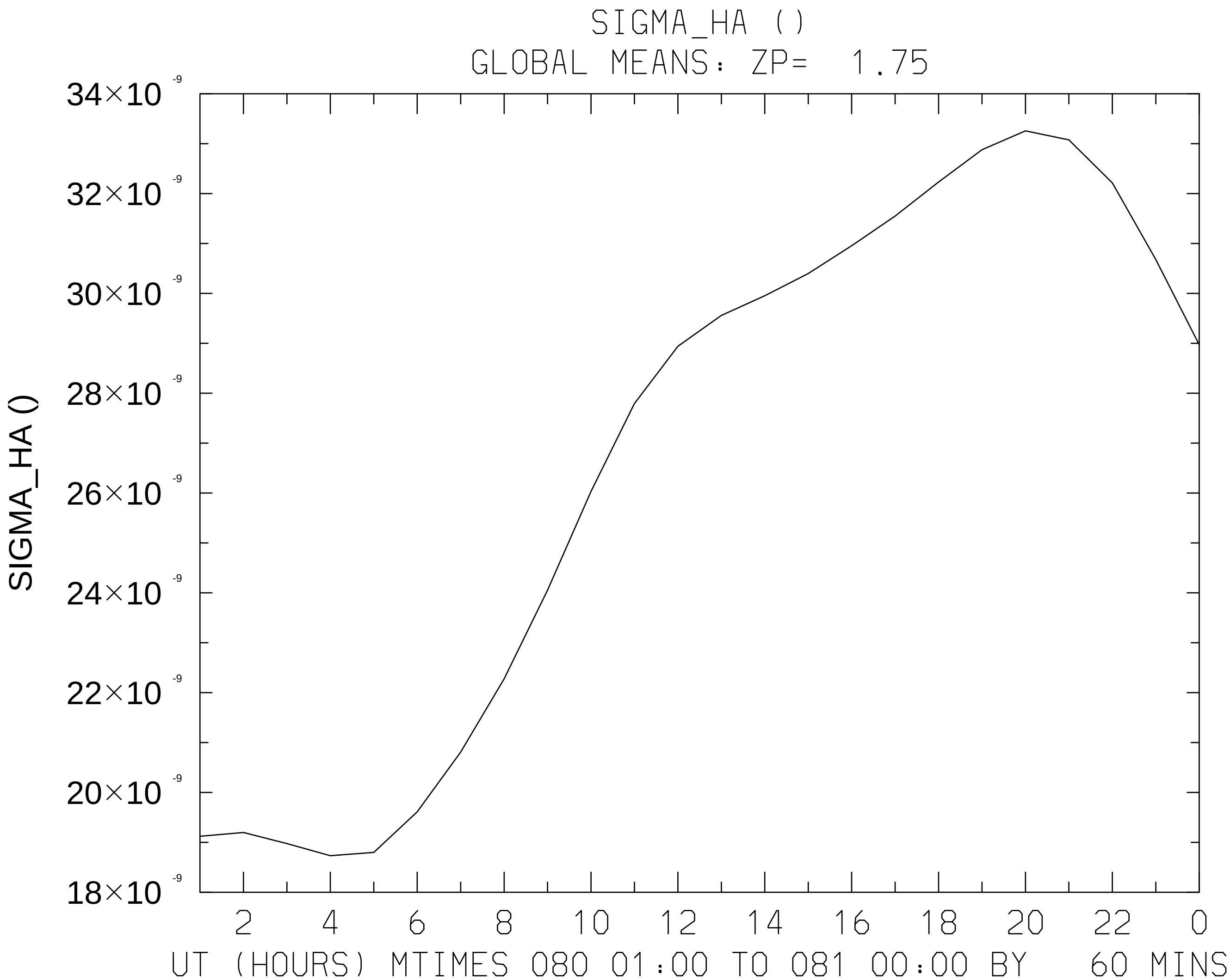
FOSTER.tiegcm_trunk.stest001.nc



MIN,MAX= 1.9750E-07 4.5793E-07

MODEL tiegcm_trunk

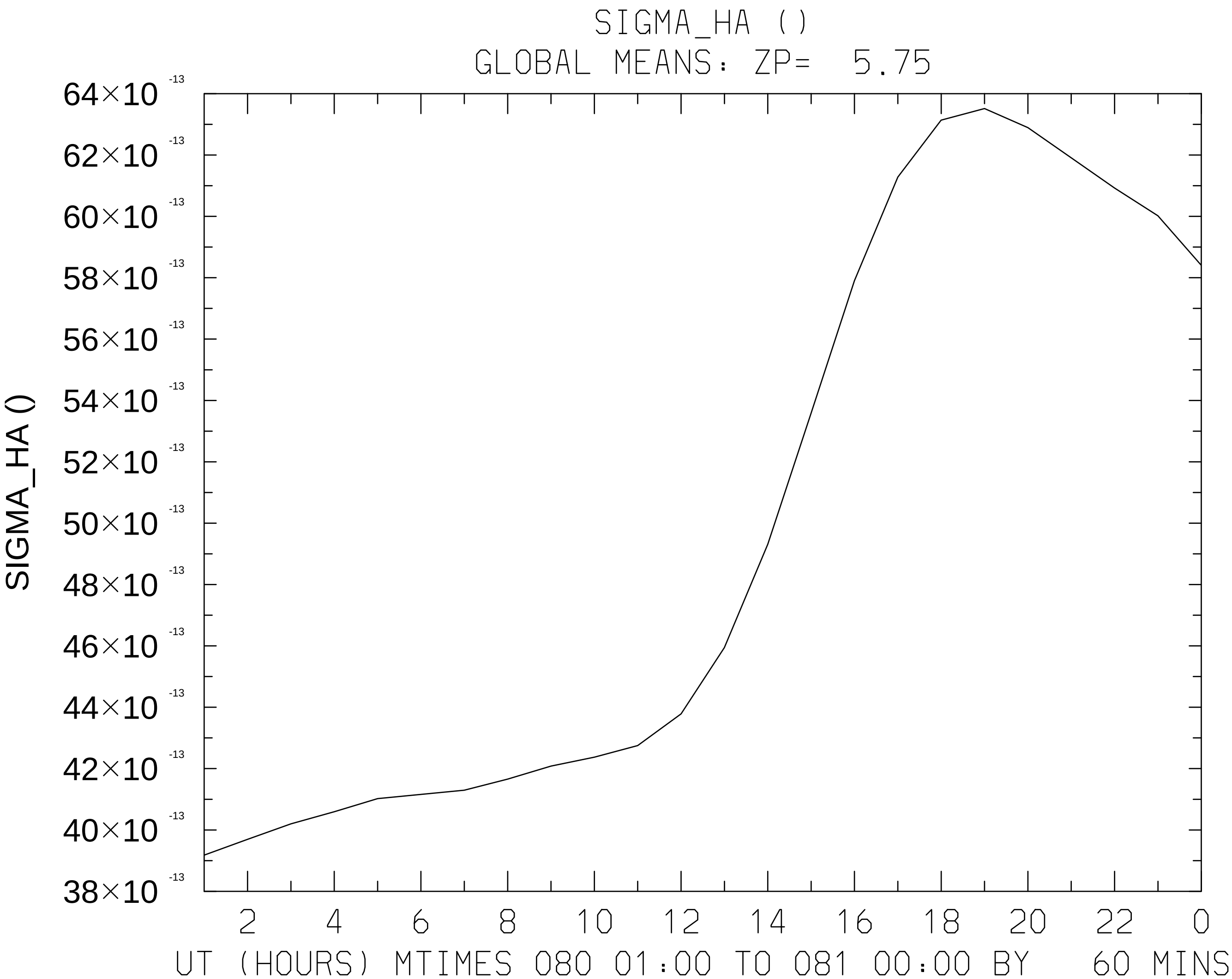
FOSTER.tiegcm_trunk.stest001.nc



MIN,MAX= 1.8733E-08 3.3257E-08

MODEL tiegcm_trunk

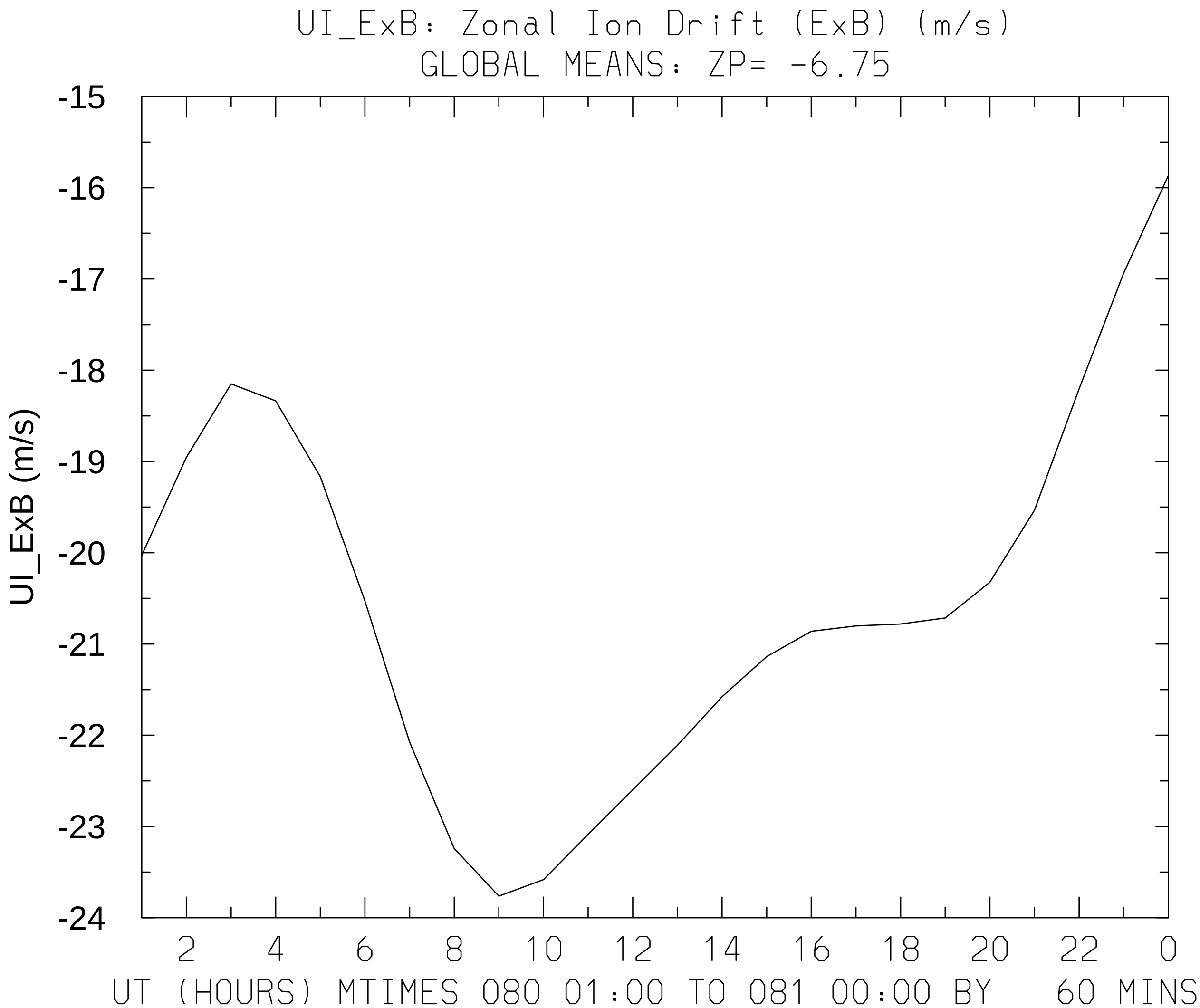
FOSTER.tiegcm_trunk.stest001.nc



MIN,MAX= 3.9180E-12 6.3514E-12

MODEL tiegcm_trunk

FOSTER.tiegcm_trunk.stest001.nc

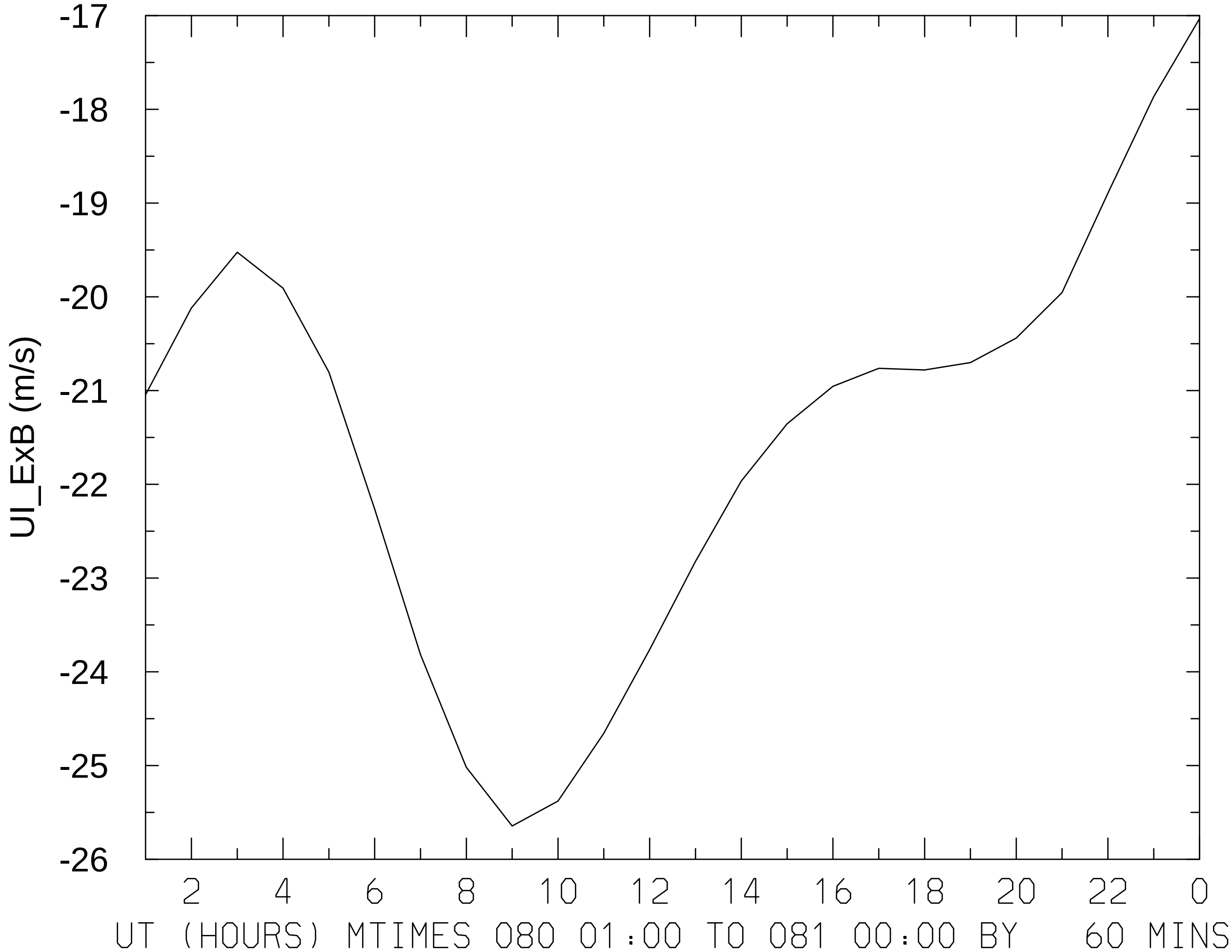


MIN,MAX= -2.3763E+01 -1.5867E+01

MODEL tiegcm_trunk

FOSTER.tiegcm_trunk.stest001.nc

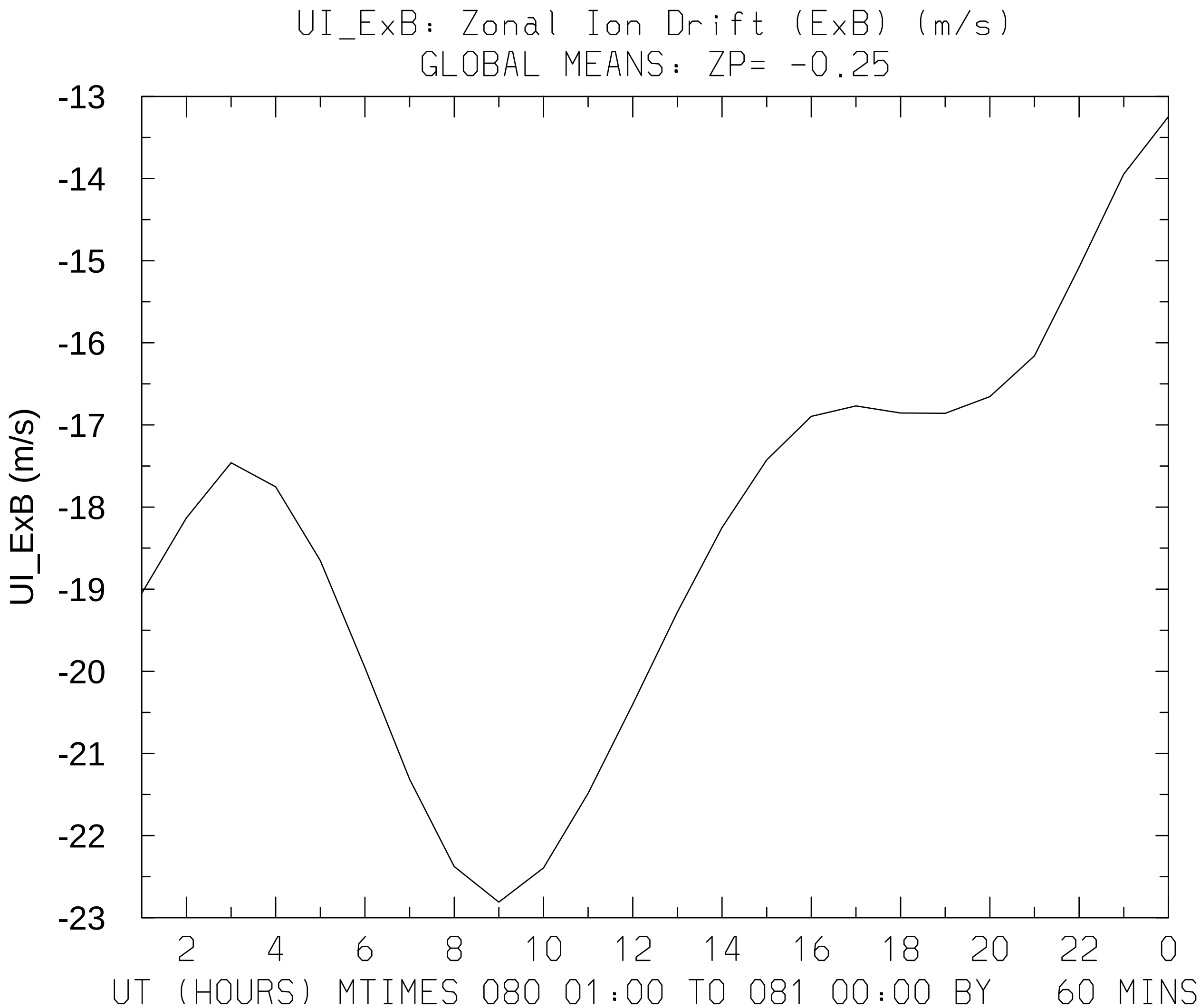
UI_ExB: Zonal Ion Drift (ExB) (m/s)
GLOBAL MEANS: ZP= -4.25



MIN,MAX= -2.5645E+01 -1.7033E+01

MODEL tiegcm_trunk

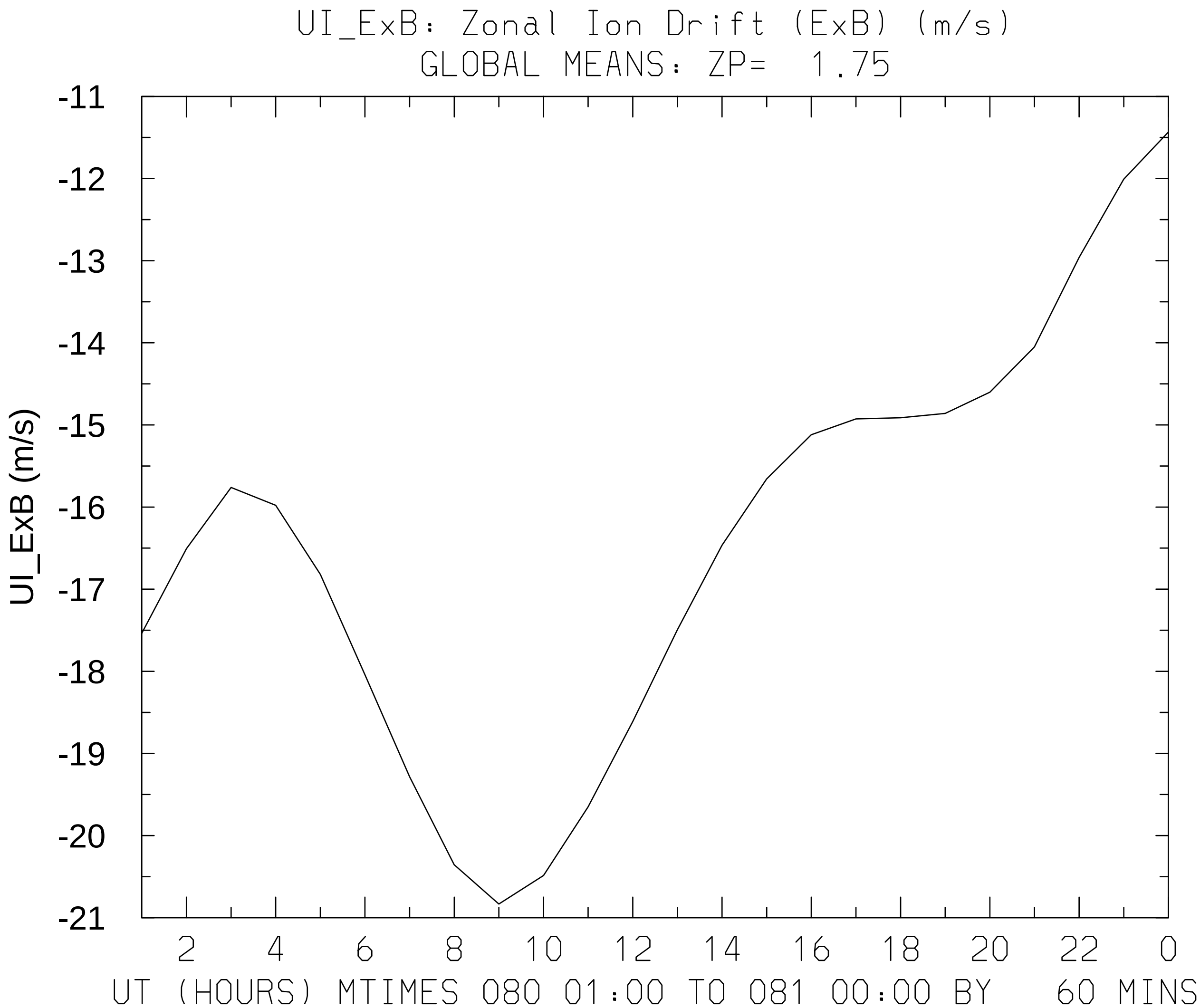
FOSTER.tiegcm_trunk.stest001.nc



MIN,MAX= -2.2811E+01 -1.3247E+01

MODEL tiegcm_trunk

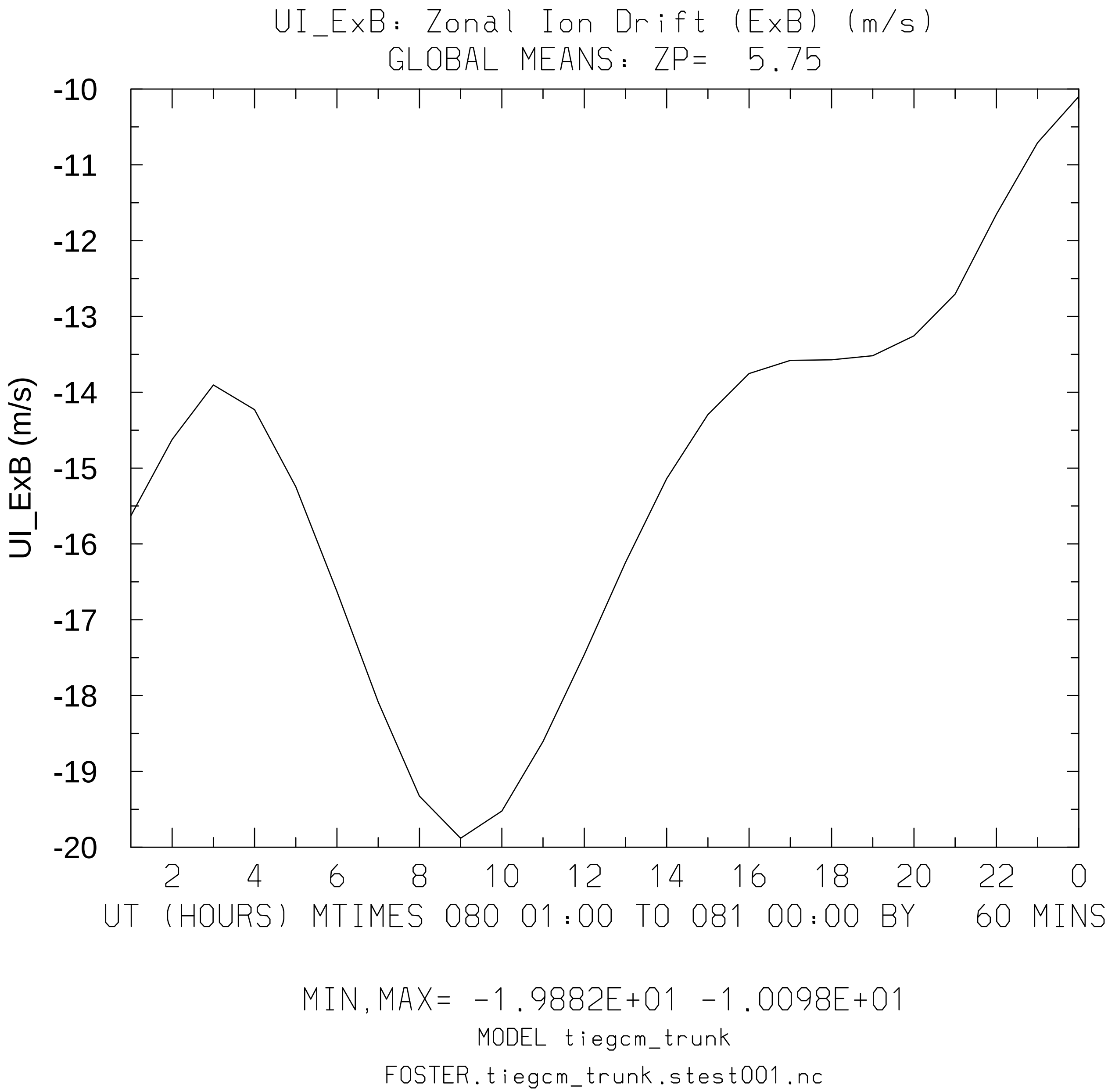
FOSTER.tiegcm_trunk.stest001.nc

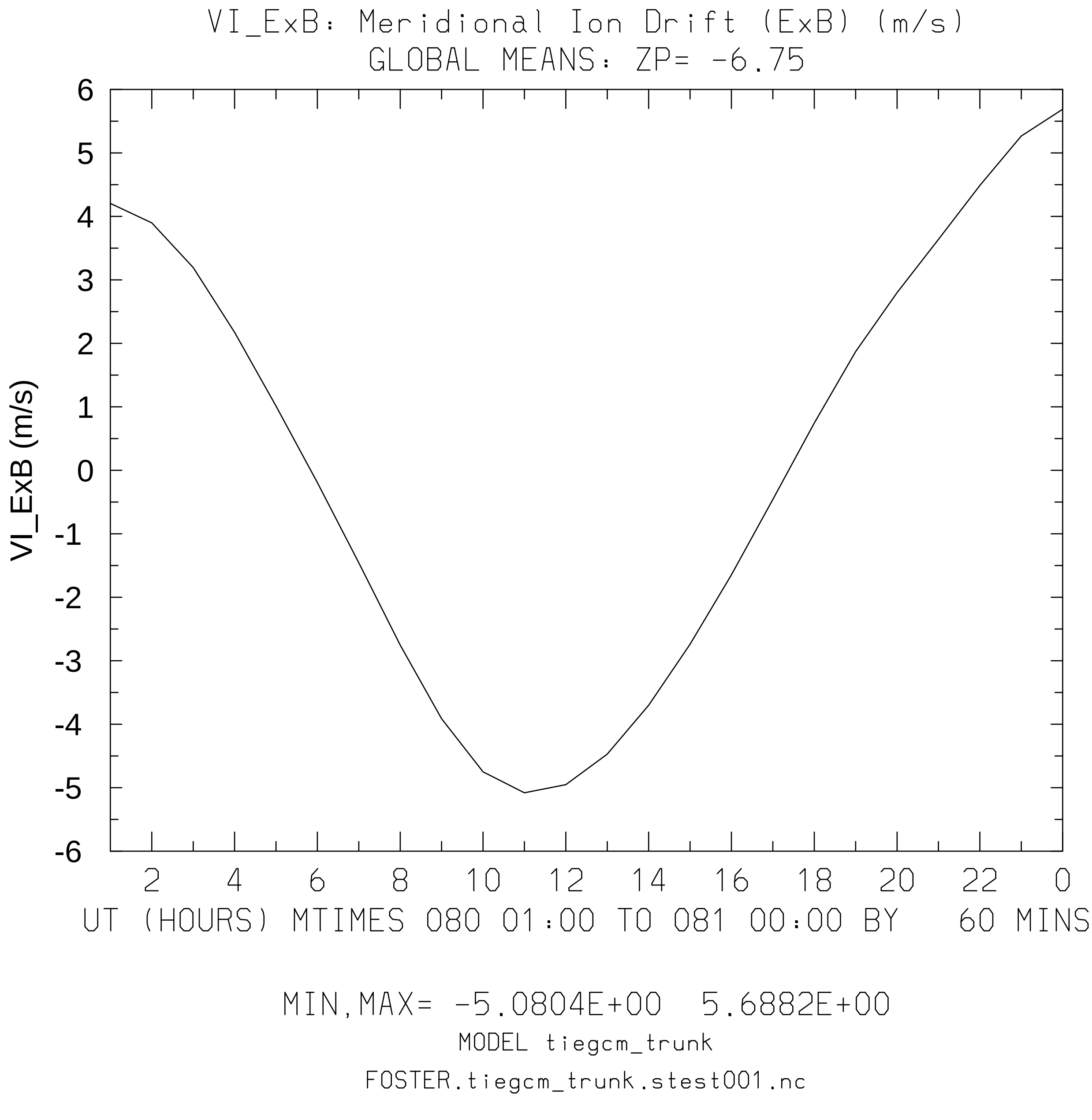


MIN,MAX= -2.0833E+01 -1.1434E+01

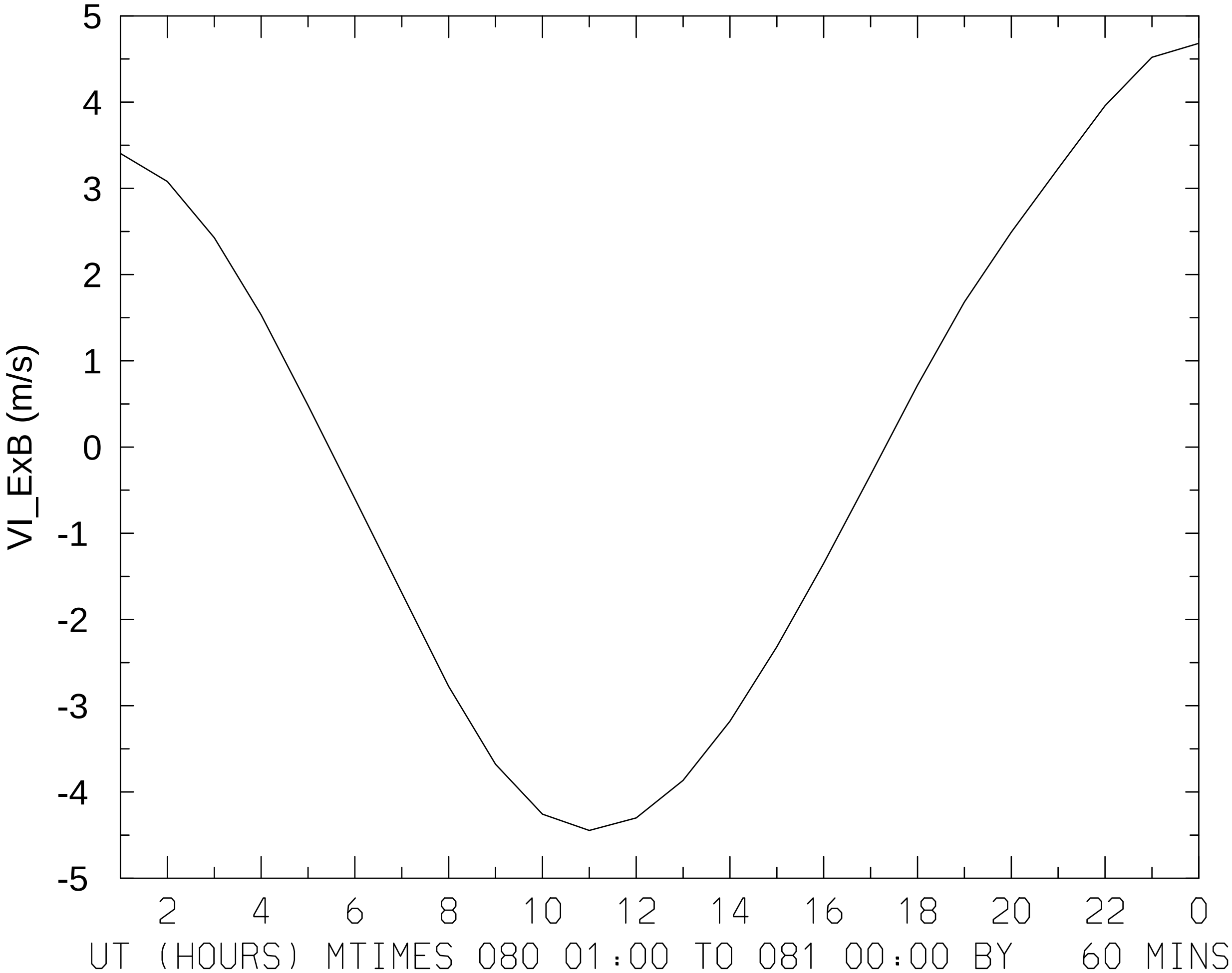
MODEL tiegcm_trunk

FOSTER.tiegcm_trunk.stest001.nc


UI_ExB: Zonal Ion Drift (ExB) (m/s)
GLOBAL MEANS: ZP= 5.75
UI_ExB (m/s)
-10
-11
-12
-13
-14
-15
-16
-17
-18
-19
-20
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= -1.9882E+01 -1.0098E+01
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc


VI_ExB: Meridional Ion Drift (ExB) (m/s)
GLOBAL MEANS: ZP= -6.75
VI_ExB (m/s)
6
5
4
3
2
1
0
-1
-2
-3
-4
-5
-6
2 4 6 8 10 12 14 16 18 20 22 0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= -5.0804E+00 5.6882E+00
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

VI_ExB: Meridional Ion Drift (ExB) (m/s)
GLOBAL MEANS: ZP= -4.25

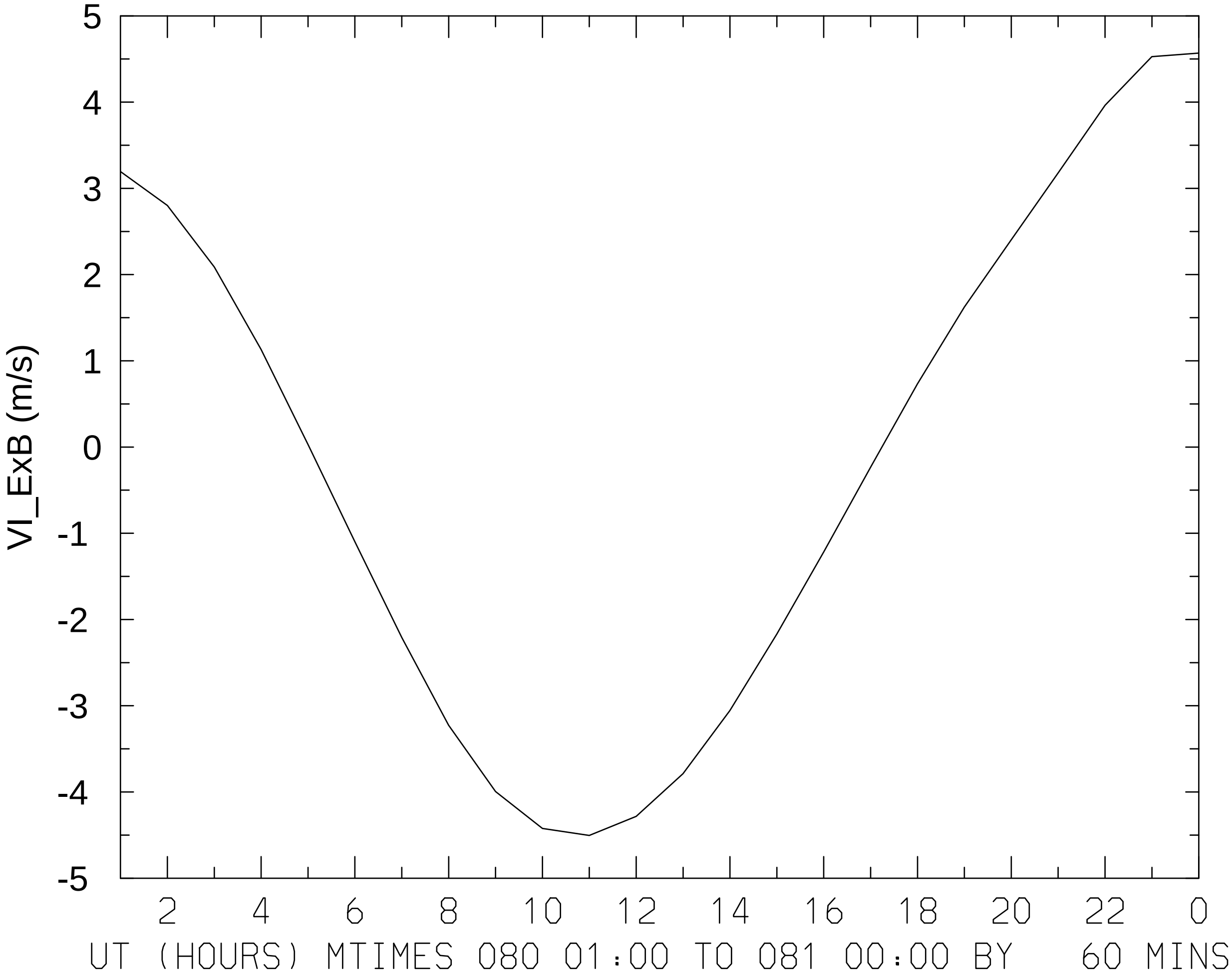


MIN,MAX= -4.4464E+00 4.6818E+00

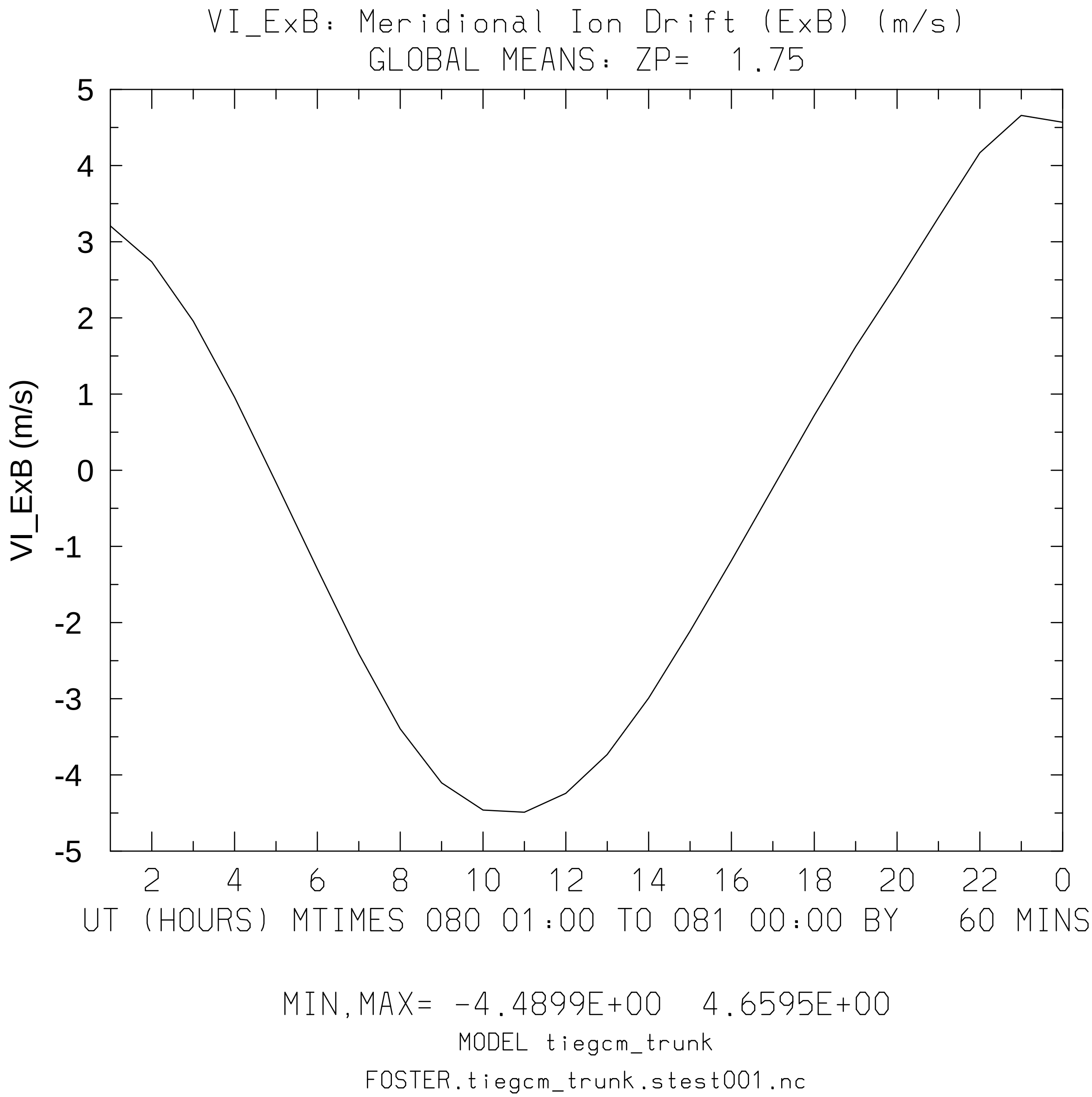
MODEL tiegcm_trunk

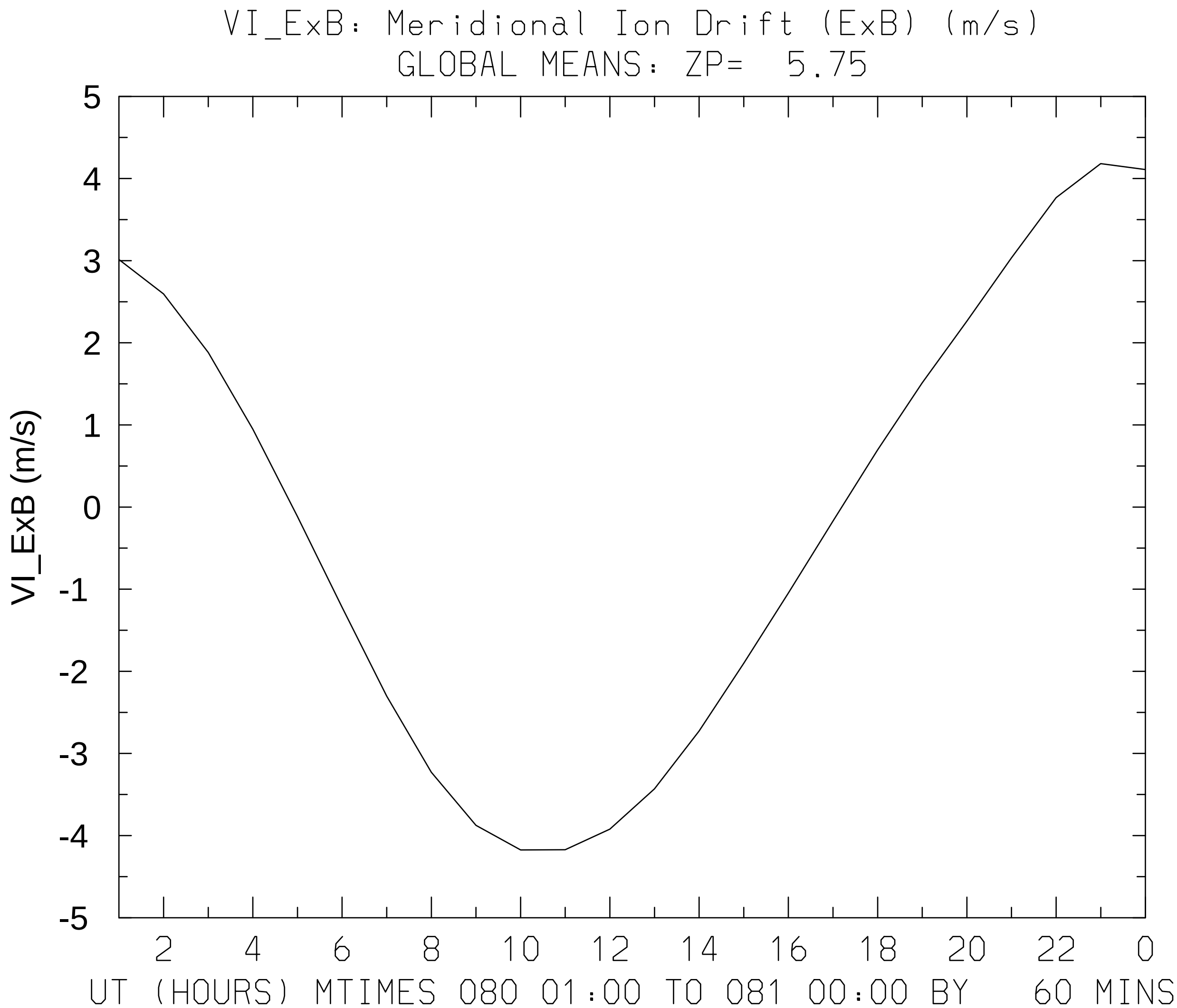
FOSTER.tiegcm_trunk.stest001.nc

VI_ExB: Meridional Ion Drift (ExB) (m/s)
GLOBAL MEANS: ZP= -0.25



MIN,MAX= -4.5041E+00 4.5683E+00
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

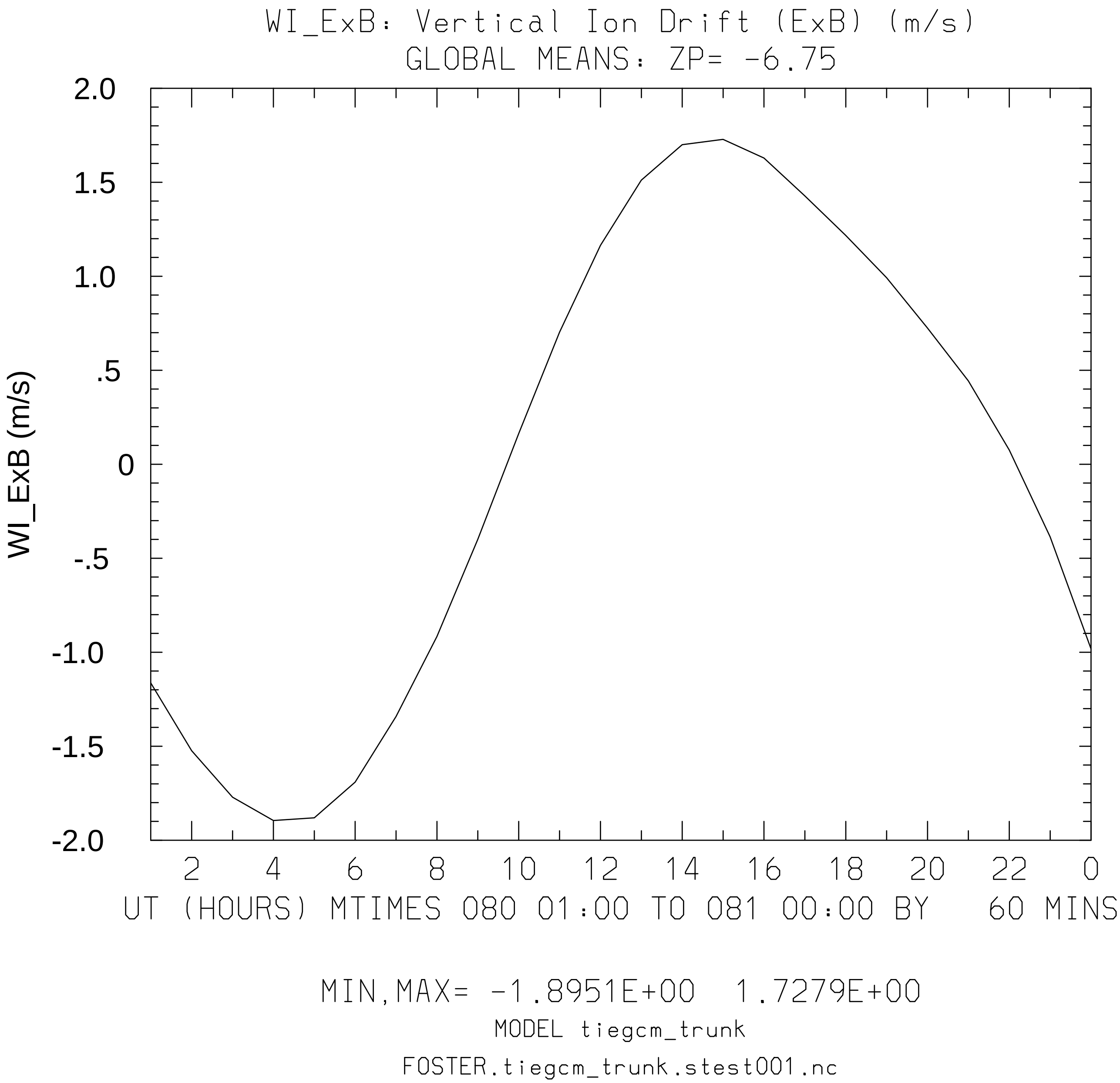

VI_ExB: Meridional Ion Drift (ExB) (m/s)
GLOBAL MEANS: ZP= 1.75
VI_ExB (m/s)
5
4
3
2
1
0
-1
-2
-3
-4
-5
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= -4.4899E+00 4.6595E+00
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc

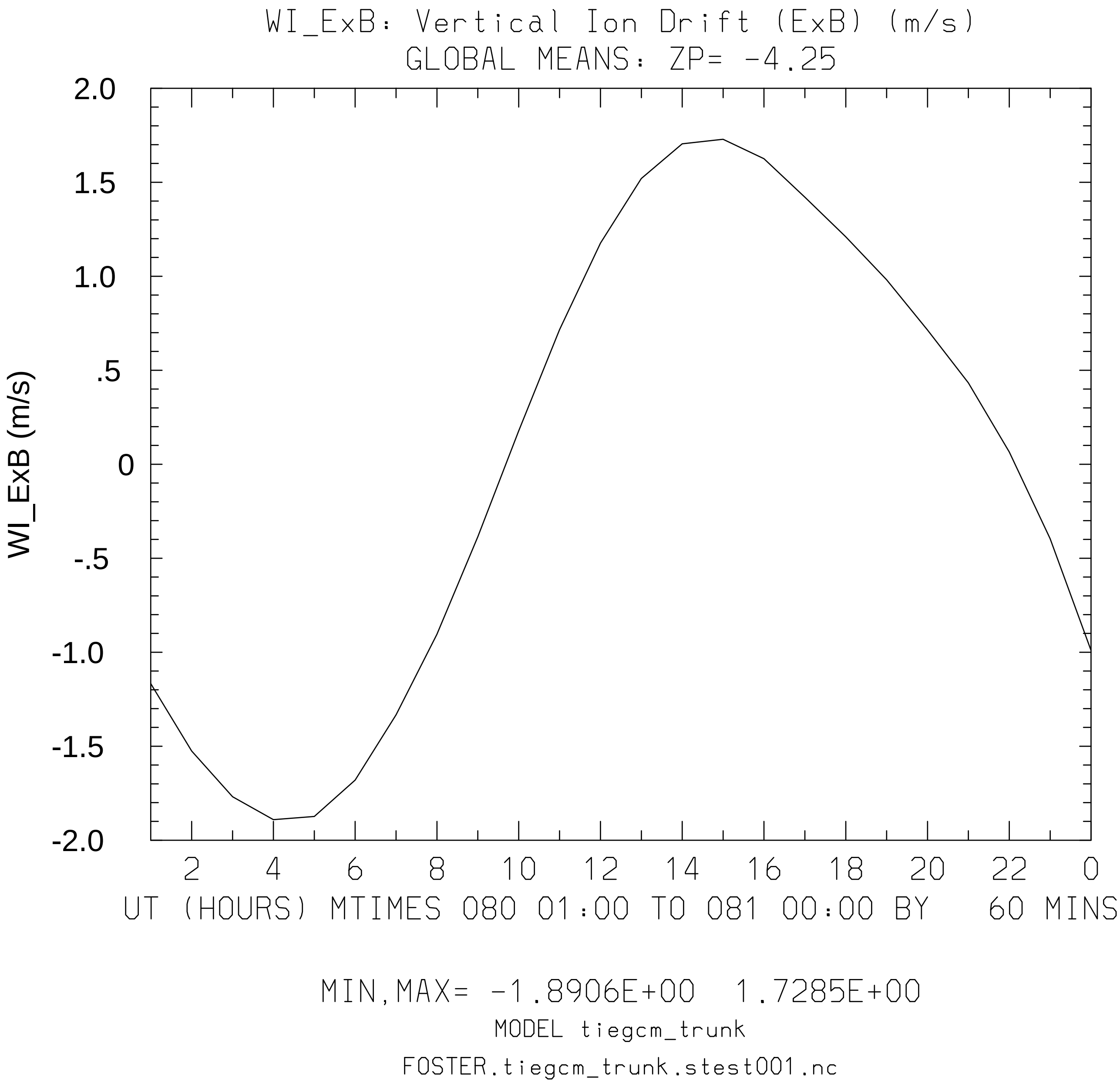


MIN,MAX= -4.1751E+00 4.1821E+00

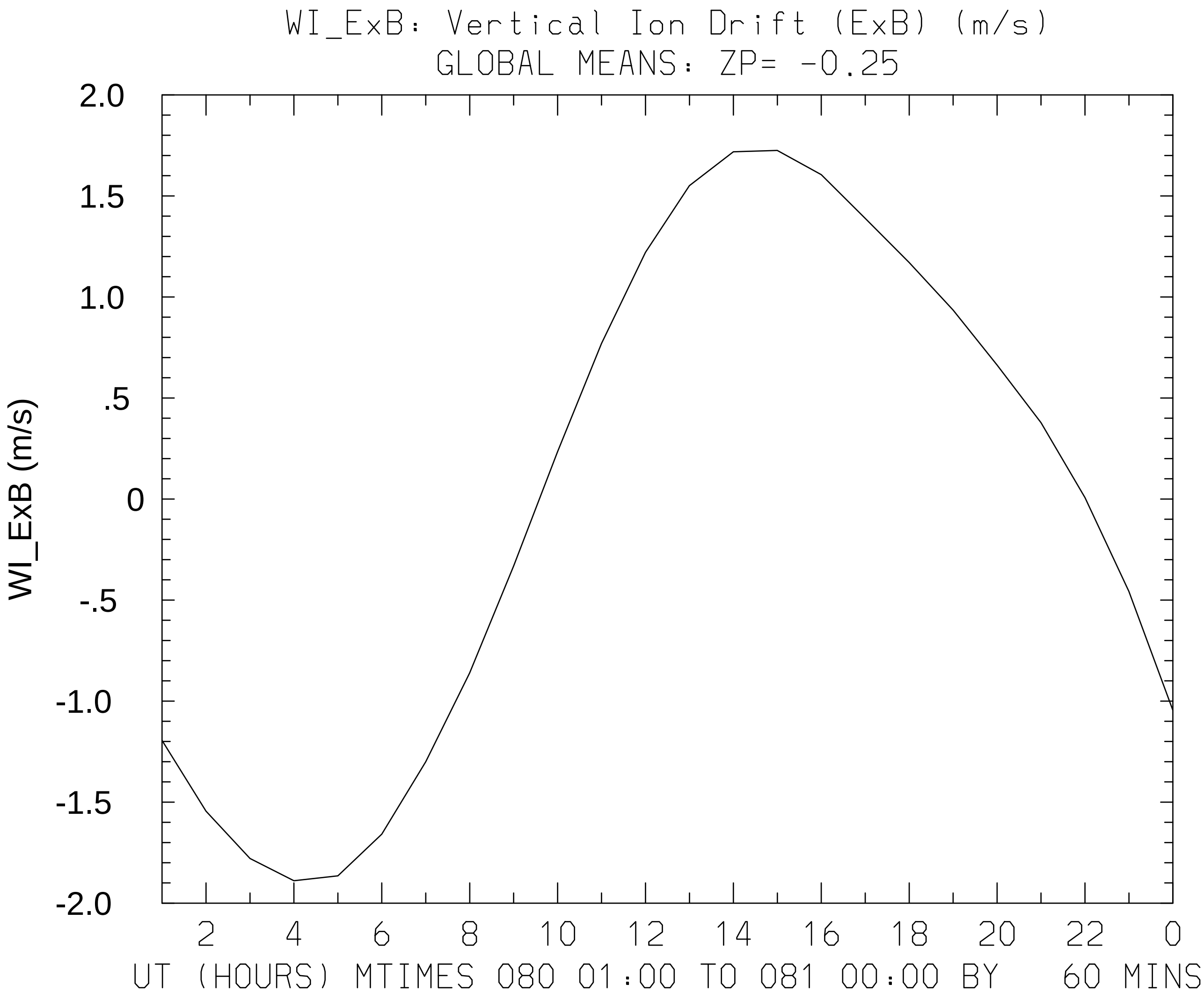
MODEL tiegcm_trunk

FOSTER.tiegcm_trunk.stest001.nc


WI_ExB: Vertical Ion Drift (ExB) (m/s)
GLOBAL MEANS: ZP= -6.75
2.0
1.5
1.0
.5
0
-.5
-1.0
-1.5
-2.0
WI_ExB (m/s)
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= -1.8951E+00 1.7279E+00
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



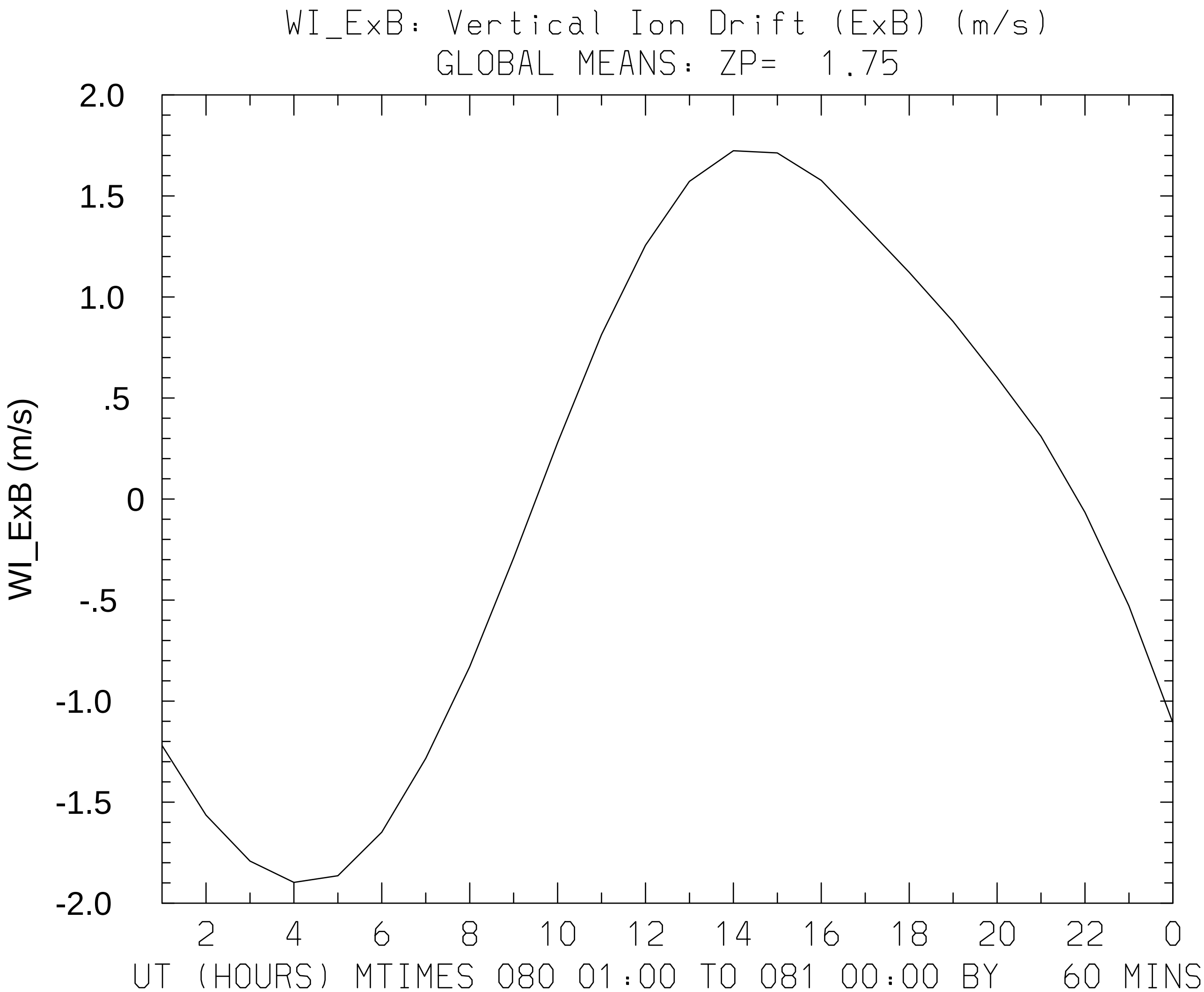
WI_ExB: Vertical Ion Drift (ExB) (m/s)
GLOBAL MEANS: ZP= -4.25
2.0
1.5
1.0
.5
0
-.5
-1.0
-1.5
-2.0
WI_ExB (m/s)
2
4
6
8
10
12
14
16
18
20
22
0
UT (HOURS) MTIMES 080 01:00 TO 081 00:00 BY 60 MINS
MIN,MAX= -1.8906E+00 1.7285E+00
MODEL tiegcm_trunk
FOSTER.tiegcm_trunk.stest001.nc



MIN,MAX= -1.8893E+00 1.7249E+00

MODEL tiegcm_trunk

FOSTER.tiegcm_trunk.stest001.nc

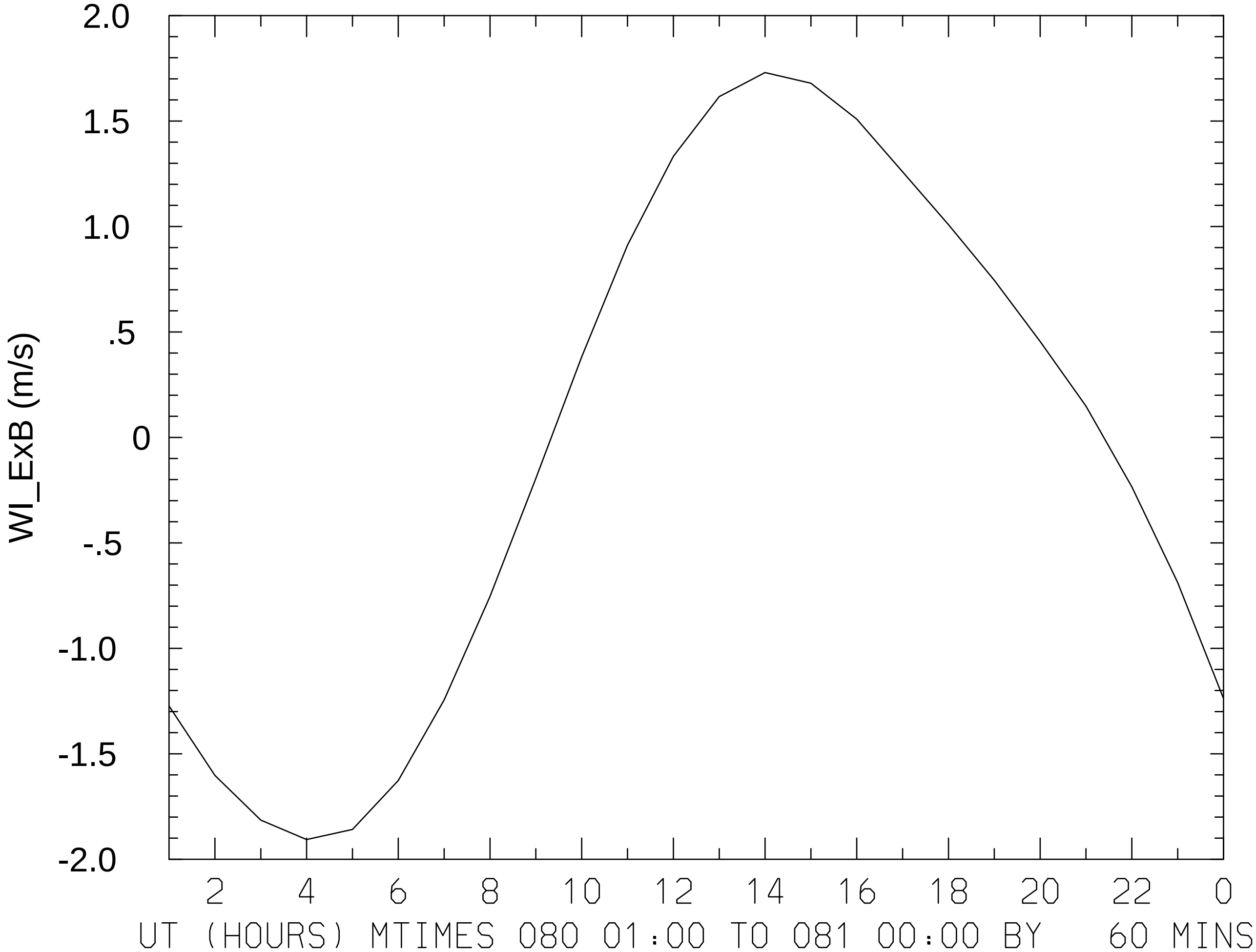


MIN,MAX= -1.8972E+00 1.7238E+00

MODEL tiegcm_trunk

FOSTER.tiegcm_trunk.stest001.nc

WI_ExB: Vertical Ion Drift (ExB) (m/s)
GLOBAL MEANS: ZP= 5.75



MIN,MAX= -1.9064E+00 1.7298E+00

MODEL tiegcm_trunk

FOSTER.tiegcm_trunk.stest001.nc