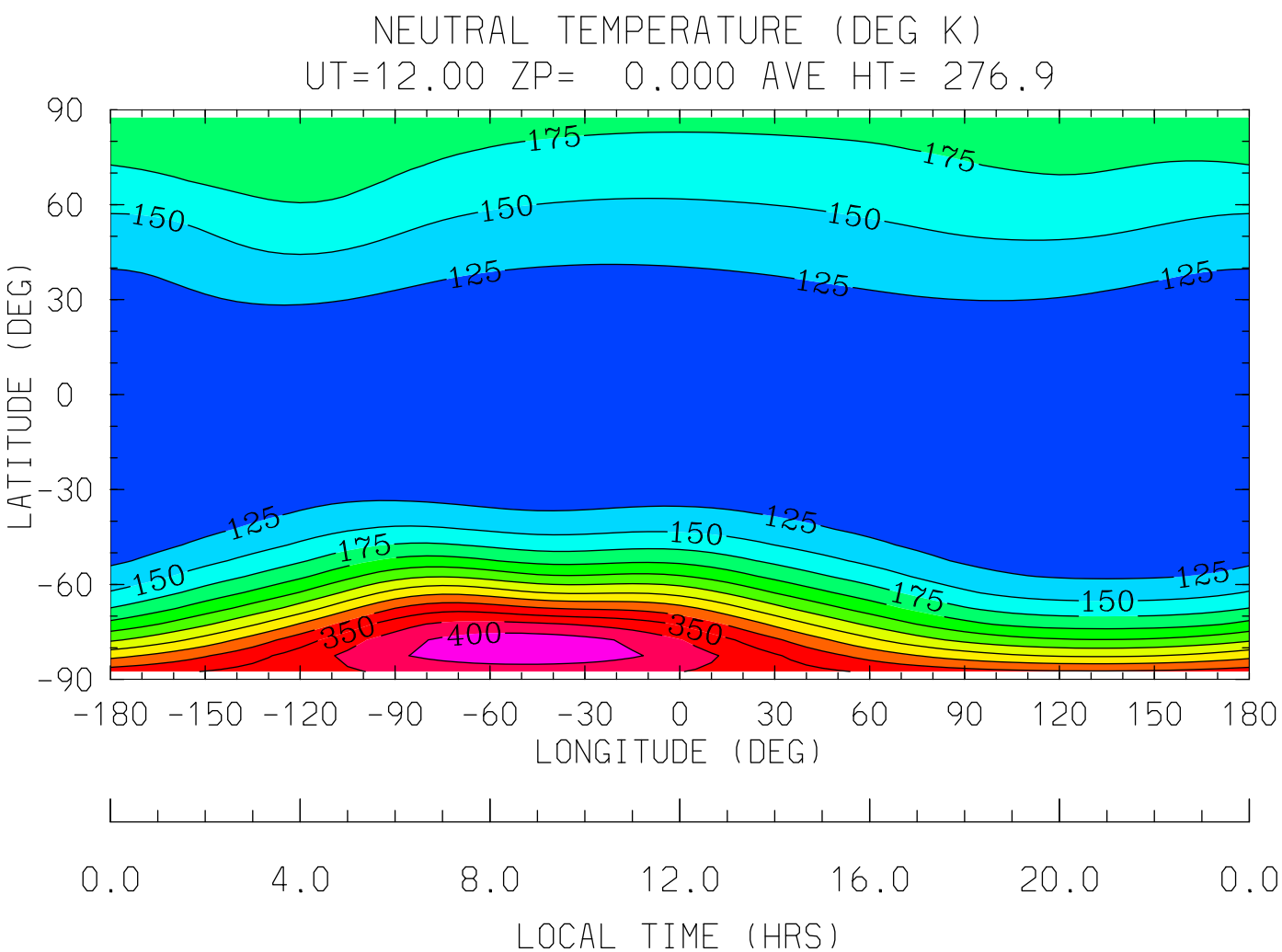
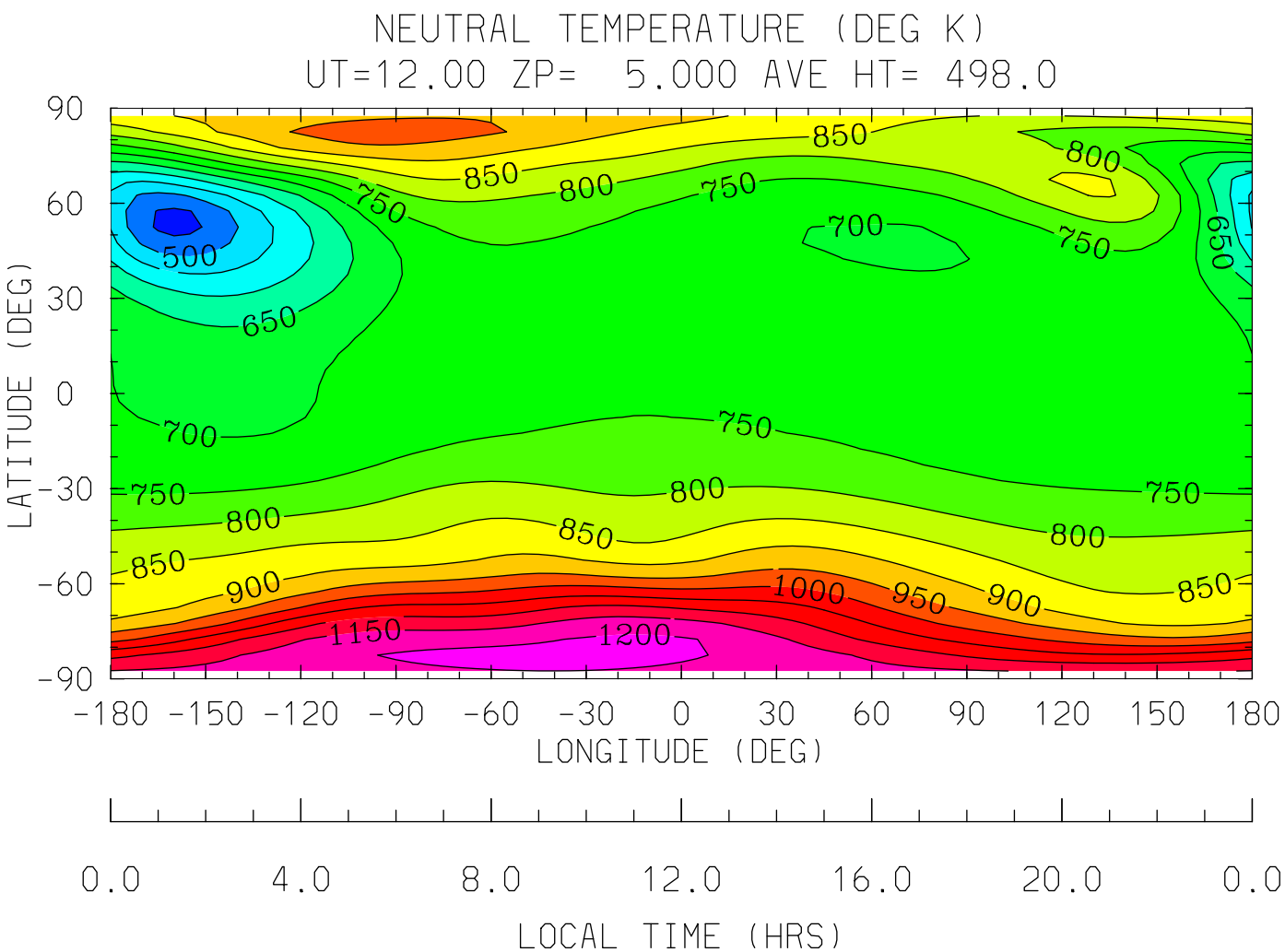


MIN,MAX= 1.0000E+02 4.1700E+02 INTERVAL= 2.5000E+01

jtgcm15 (DAY,HR,MIN=212,12, 0)

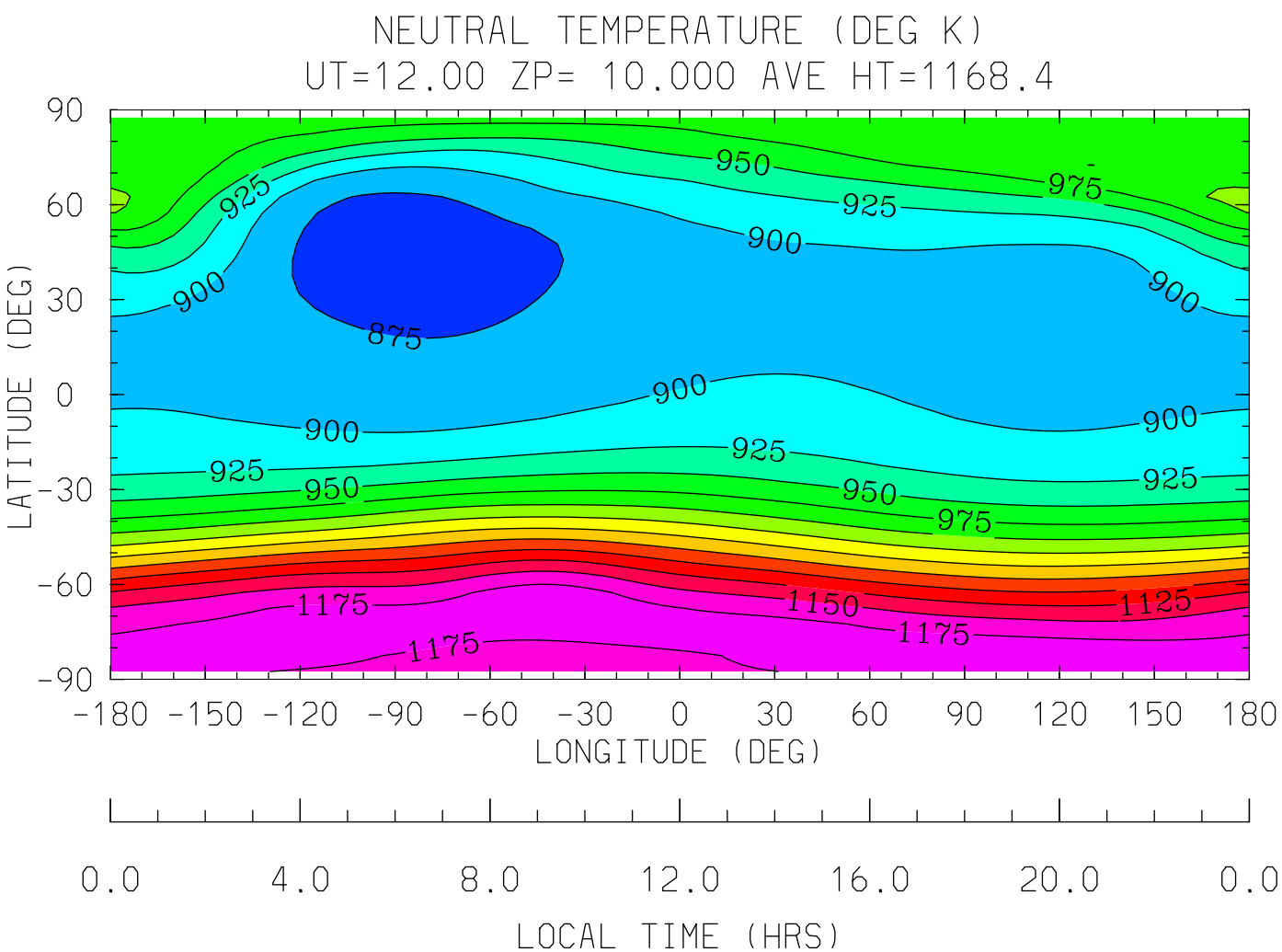
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 4.3404E+02 1.2164E+03 INTERVAL= 5.0000E+01

jtgcm15 (DAY,HR,MIN=212,12, 0)

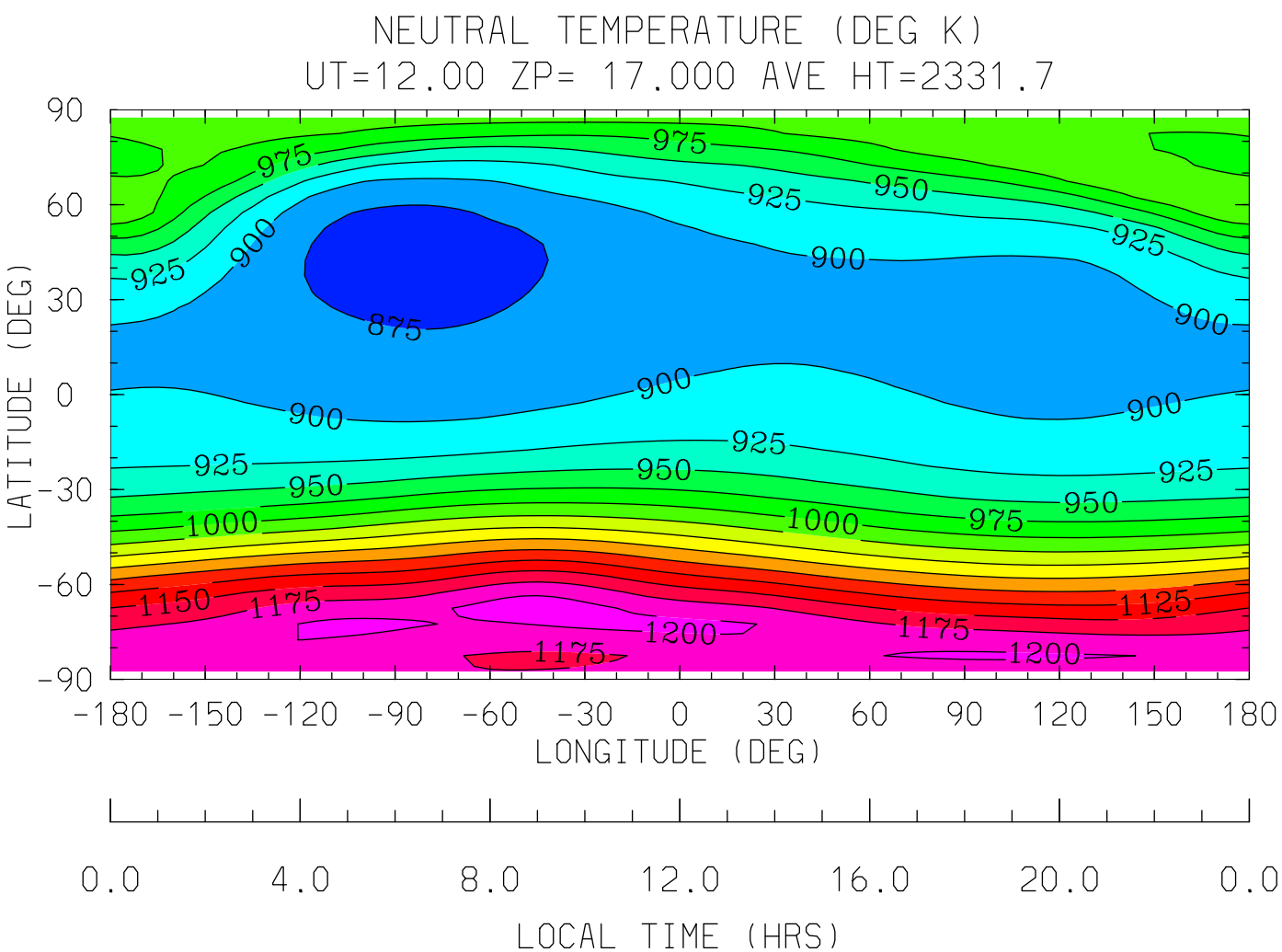
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 8.5568E+02 1.2003E+03 INTERVAL= 2.5000E+01

jtgcm15 (DAY,HR,MIN=212,12, 0)

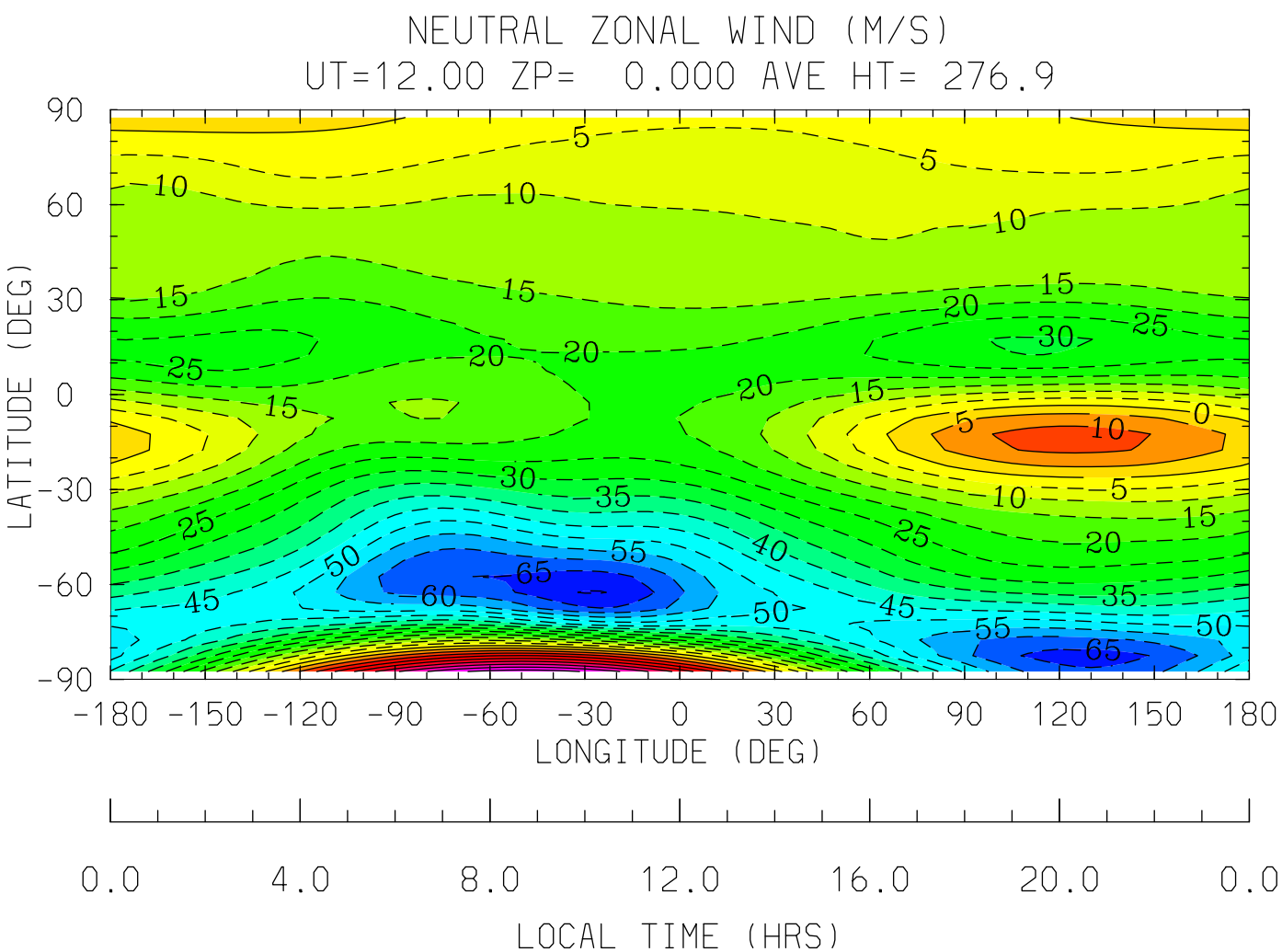
BOUGHER.jtgcm15.T83_j15p.nc

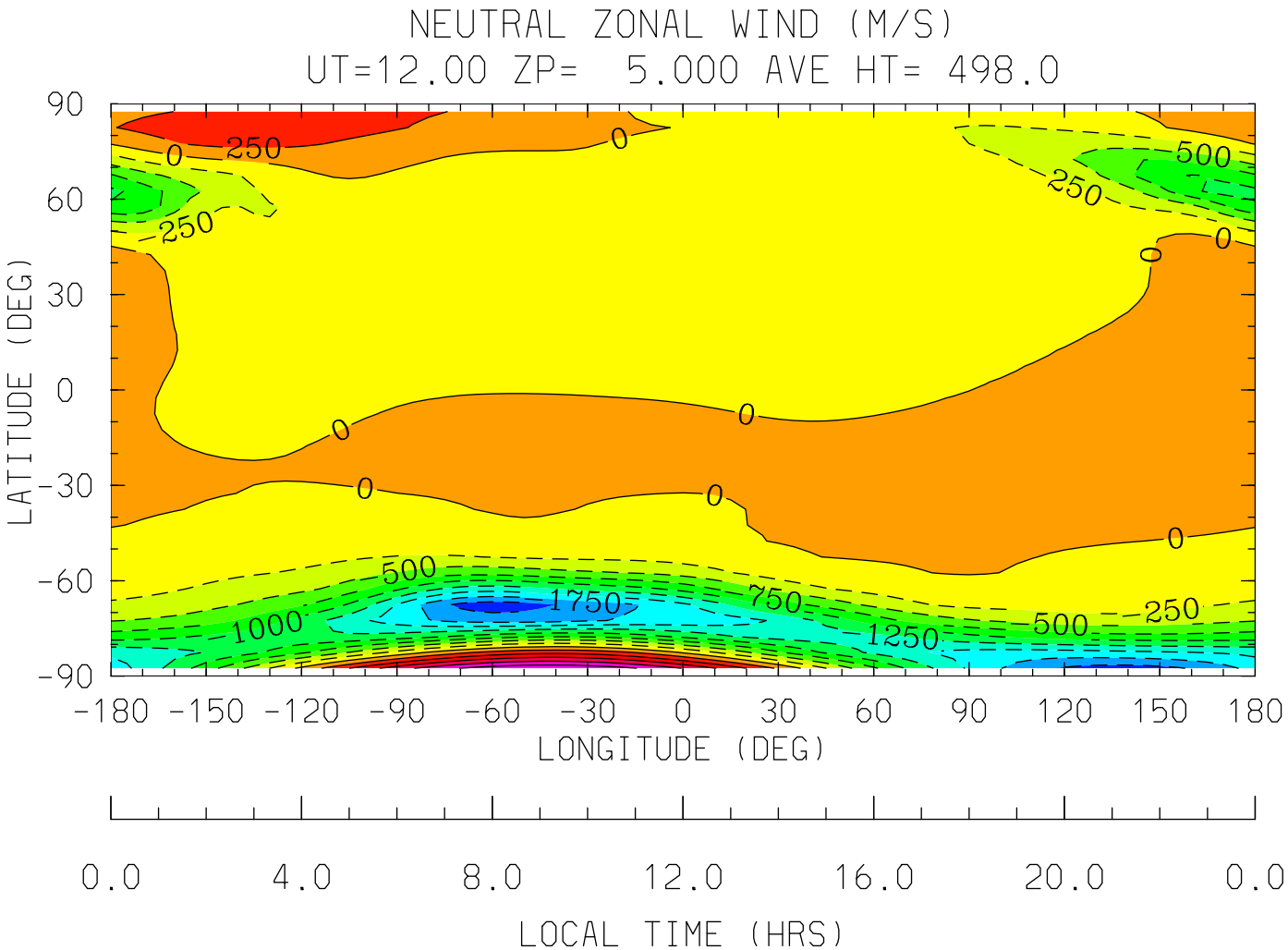


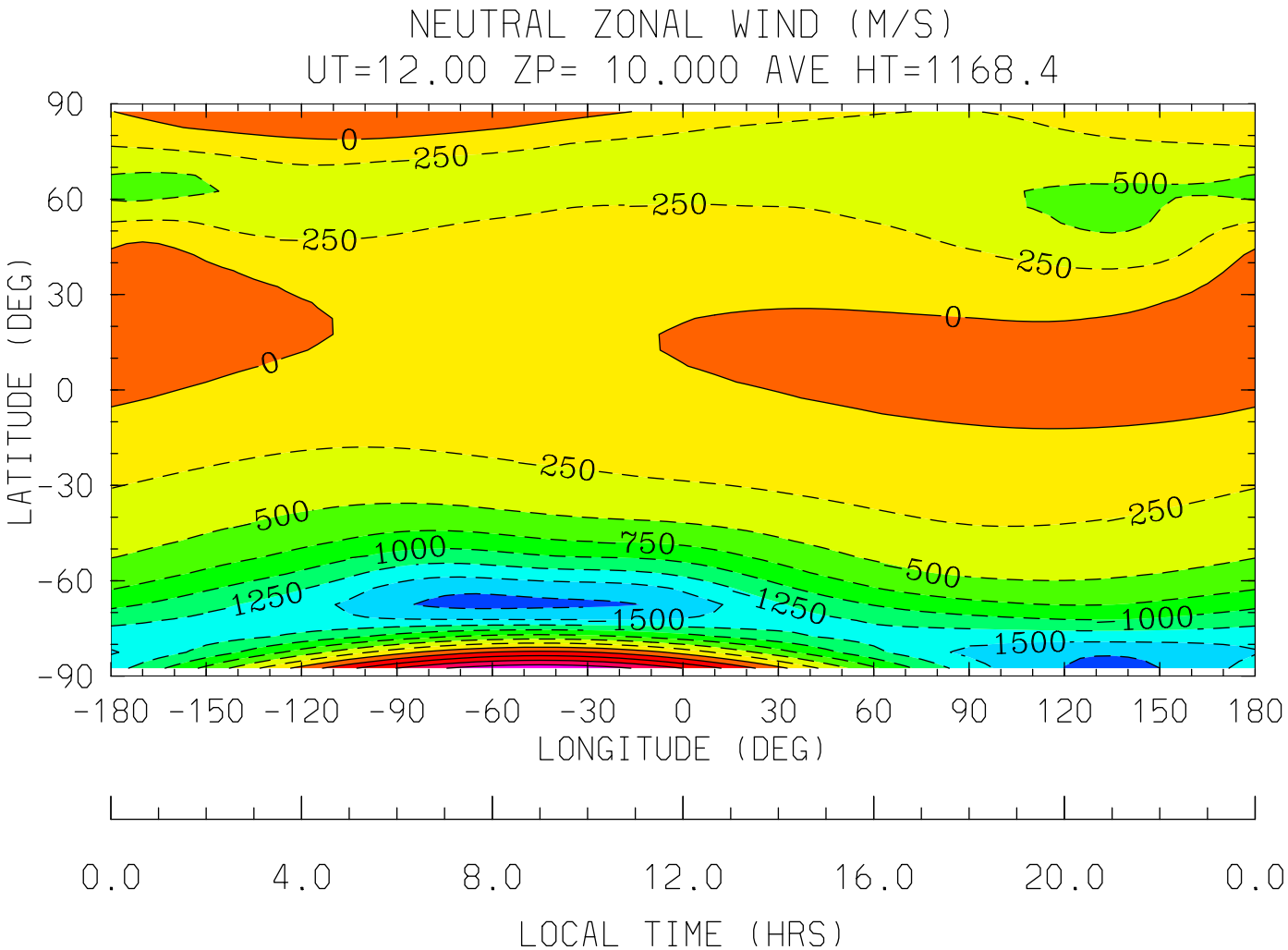
MIN,MAX= 8.6007E+02 1.2142E+03 INTERVAL= 2.5000E+01

jtgcm15 (DAY,HR,MIN=212,12, 0)

BOUGHER.jtgcm15.T83_j15p.nc


NEUTRAL ZONAL WIND (M/S)
UT=12.00 ZP= 0.000 AVE HT= 276.9
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
0.0 4.0 8.0 12.0 16.0 20.0 0.0
LOCAL TIME (HRS)
MIN,MAX= -7.0285E+01 4.7664E+01 INTERVAL= 5.0000E+00
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc

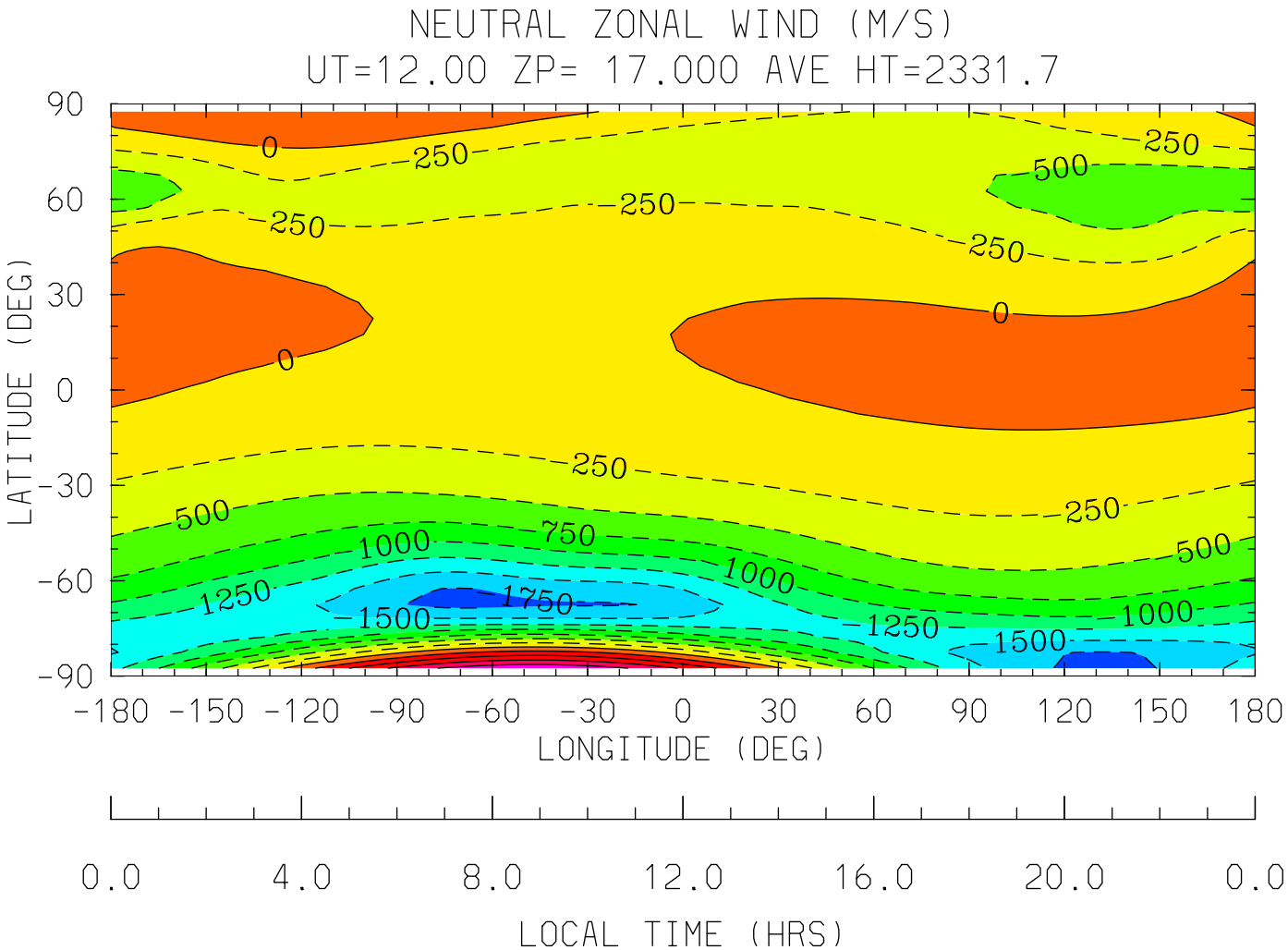

NEUTRAL ZONAL WIND (M/S)
UT=12.00 ZP= 5.000 AVE HT= 498.0
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
0.0 4.0 8.0 12.0 16.0 20.0 0.0
LOCAL TIME (HRS)
MIN,MAX= -2.1398E+03 1.4555E+03 INTERVAL= 2.5000E+02
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= -1.8423E+03 1.1878E+03 INTERVAL= 2.5000E+02

jtgcm15 (DAY,HR,MIN=212,12, 0)

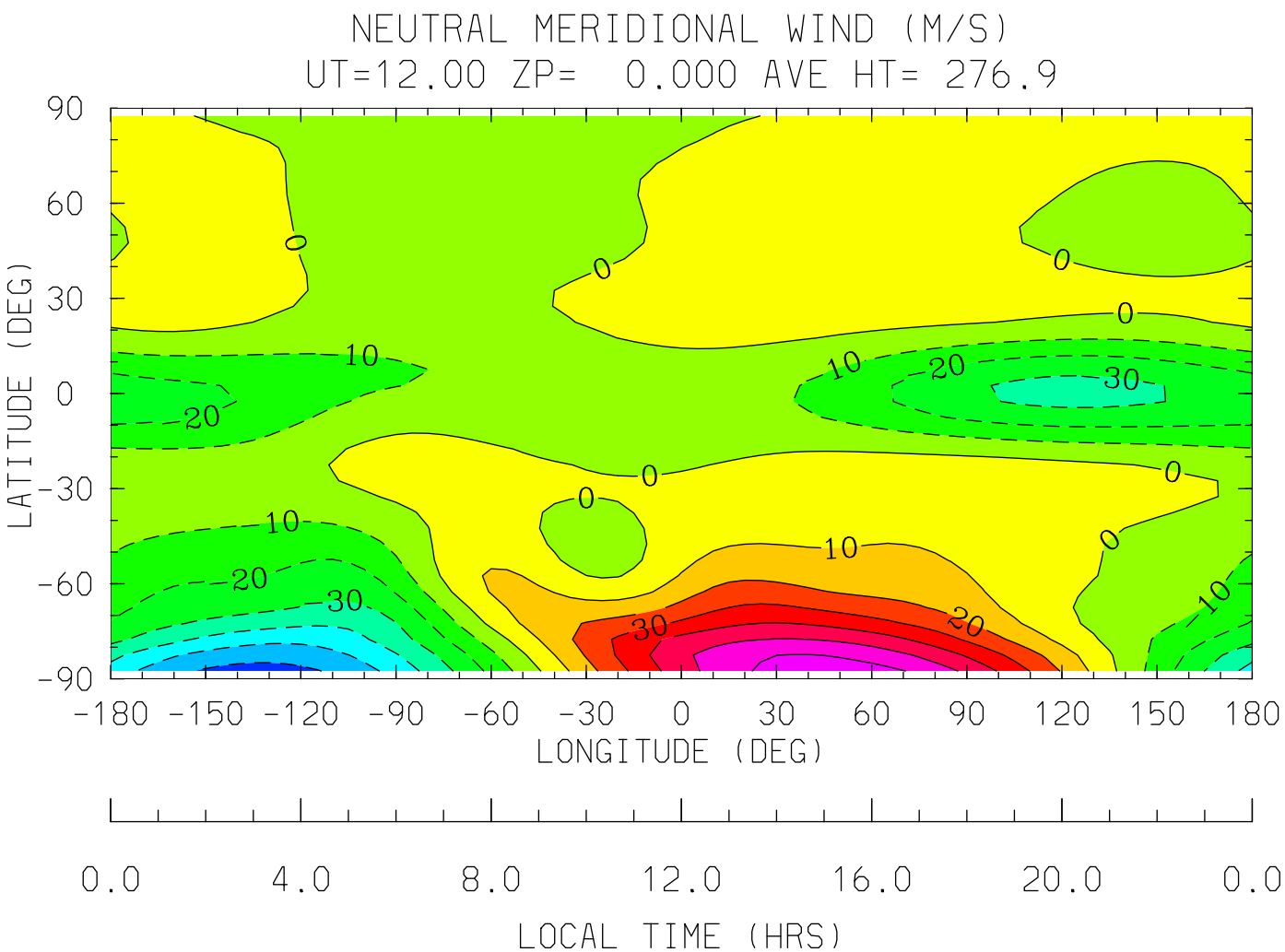
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= -1.8306E+03 1.1997E+03 INTERVAL= 2.5000E+02

jtgcm15 (DAY,HR,MIN=212,12, 0)

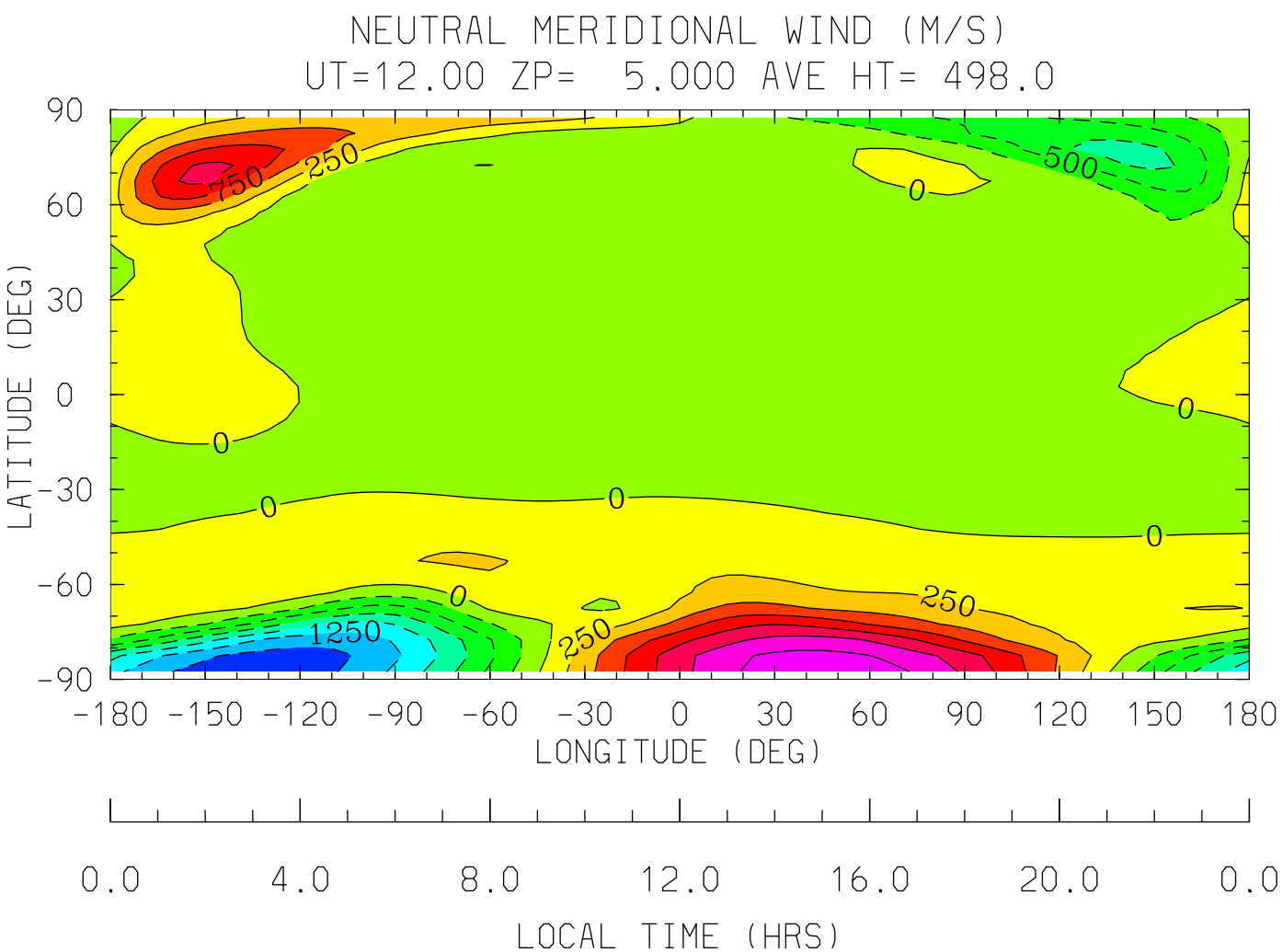
BOUGHER.jtgcm15.T83_j15p.nc

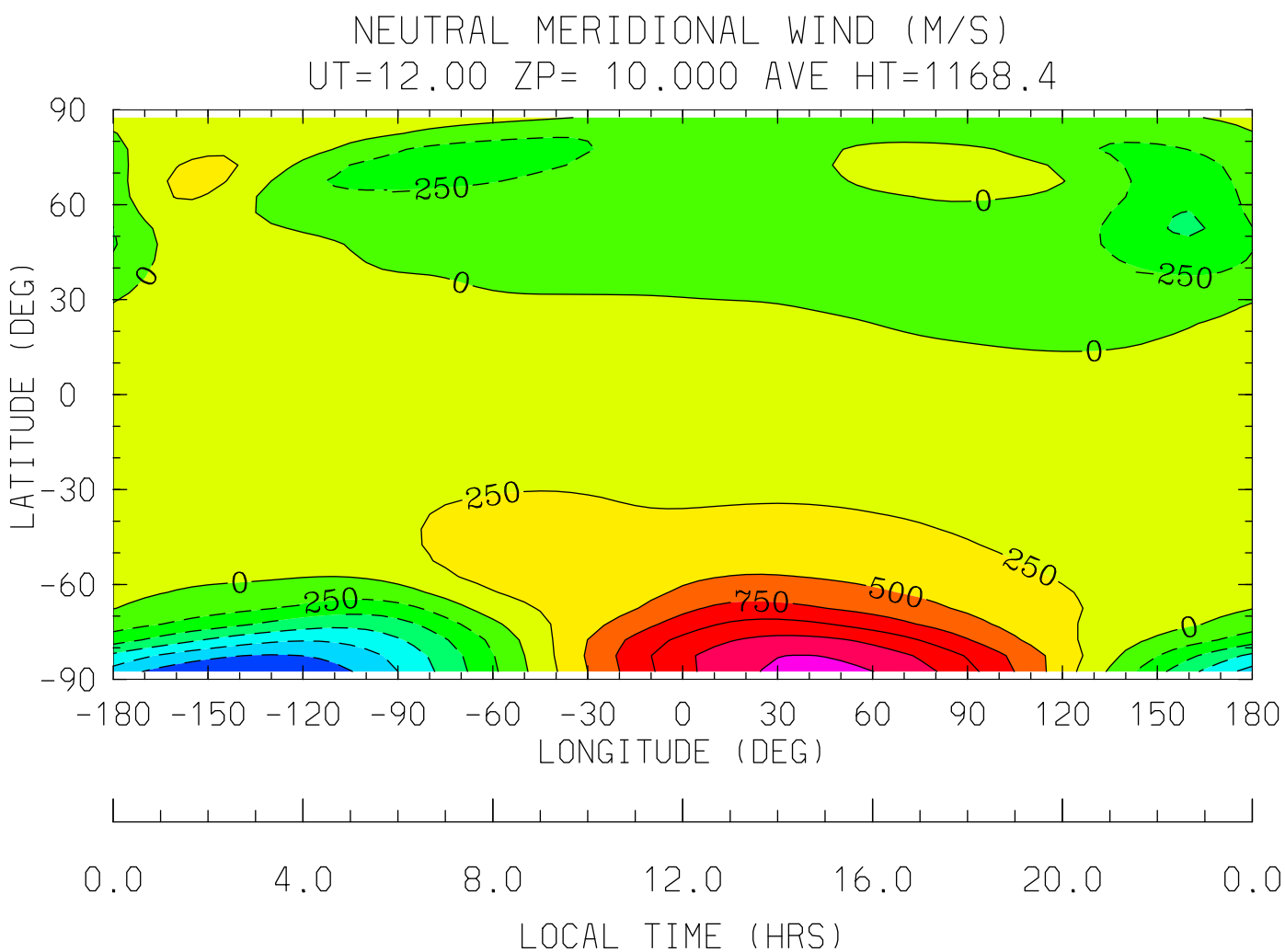


MIN,MAX= -6.3926E+01 6.5698E+01 INTERVAL= 1.0000E+01

jtgcm15 (DAY,HR,MIN=212,12, 0)

BOUGHER.jtgcm15.T83_j15p.nc

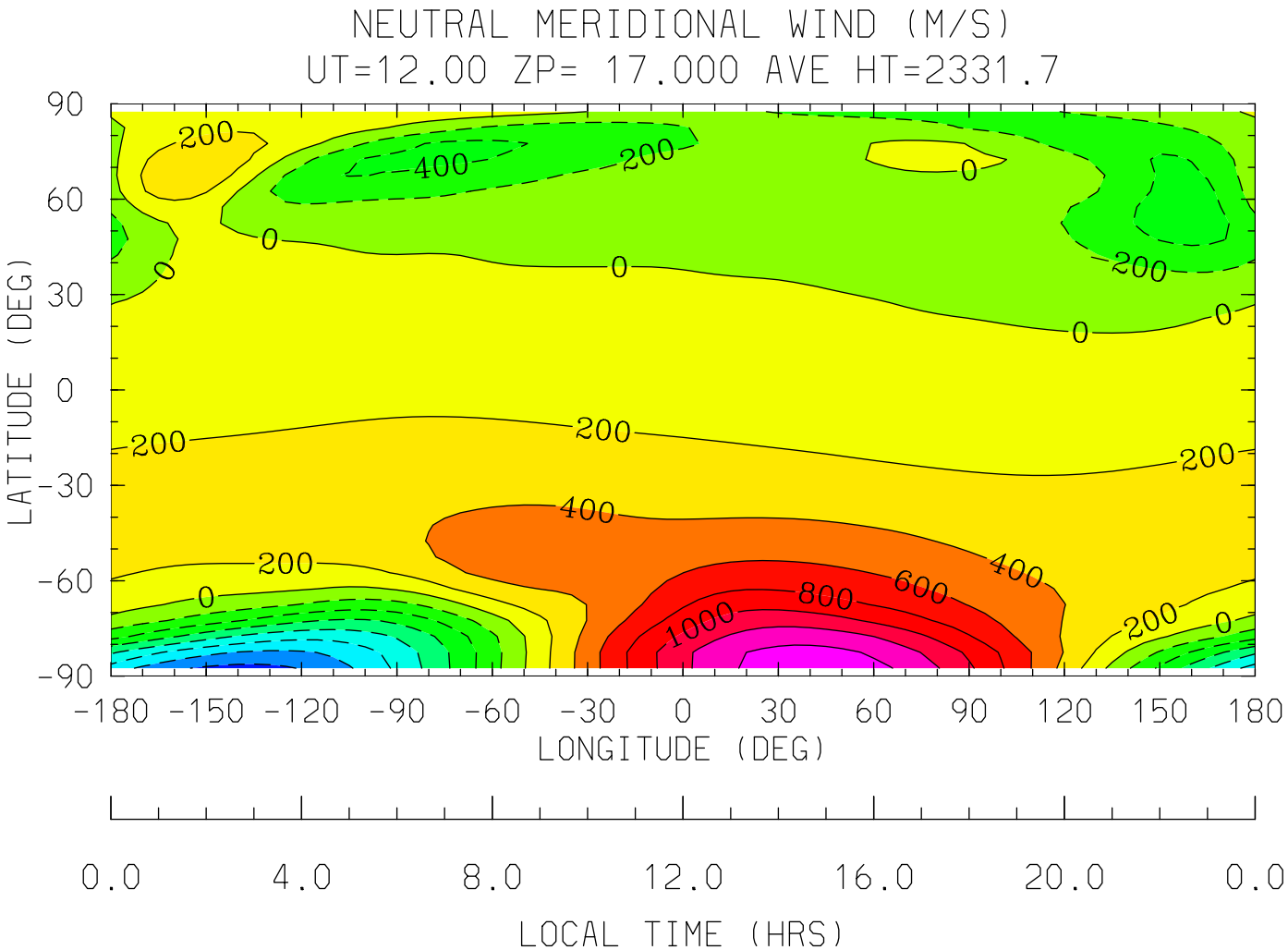

NEUTRAL MERIDIONAL WIND (M/S)
UT=12.00 ZP= 5.000 AVE HT= 498.0
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
750
250
500
0
0
0
0
0
0
250
250
1250
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
0.0 4.0 8.0 12.0 16.0 20.0 0.0
LOCAL TIME (HRS)
MIN,MAX= -1.6713E+03 1.6777E+03 INTERVAL= 2.5000E+02
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc

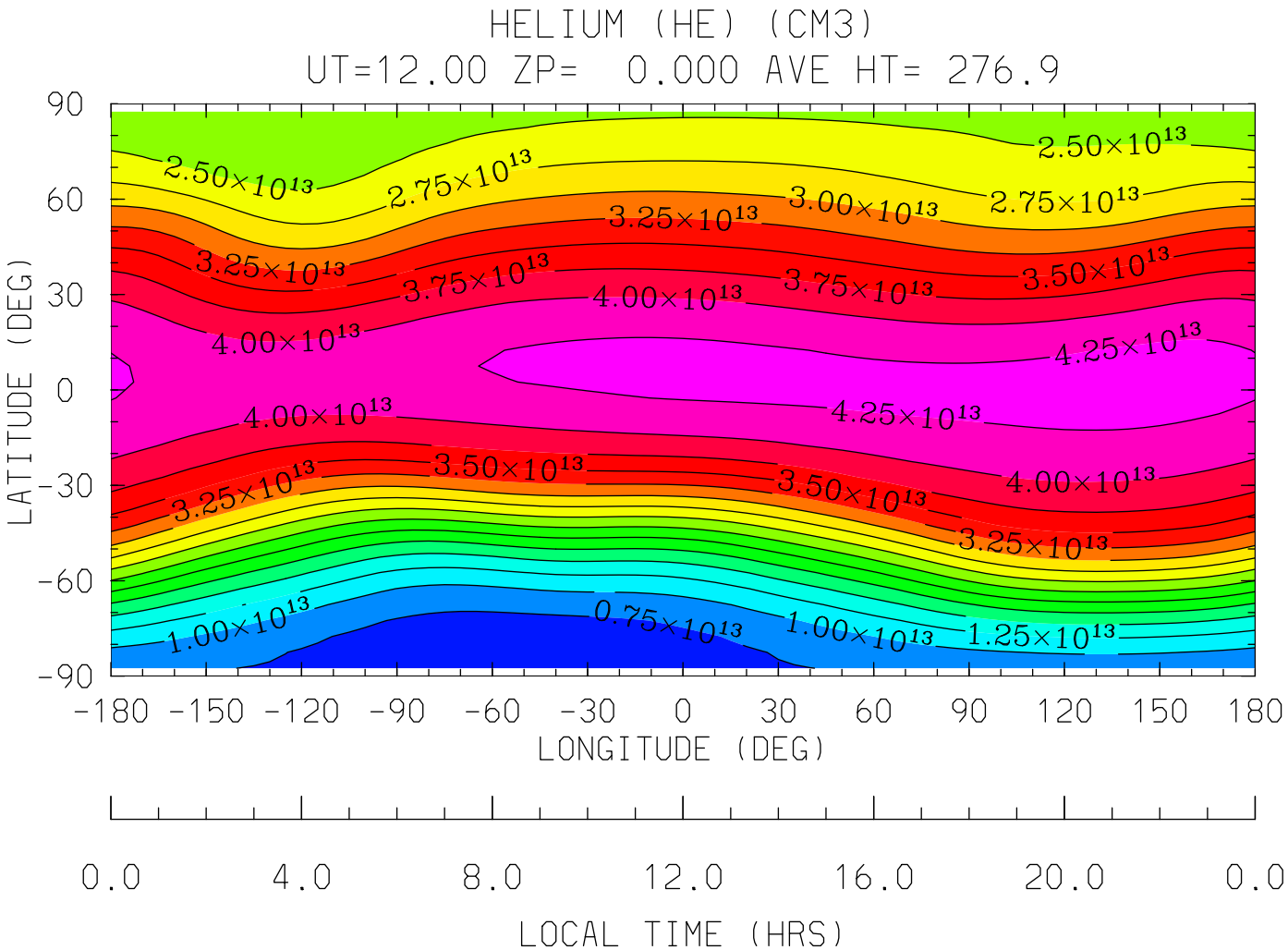


MIN,MAX= -1.4998E+03 1.5734E+03 INTERVAL= 2.5000E+02

jtgcm15 (DAY,HR,MIN=212,12, 0)

BOUGHER.jtgcm15.T83_j15p.nc

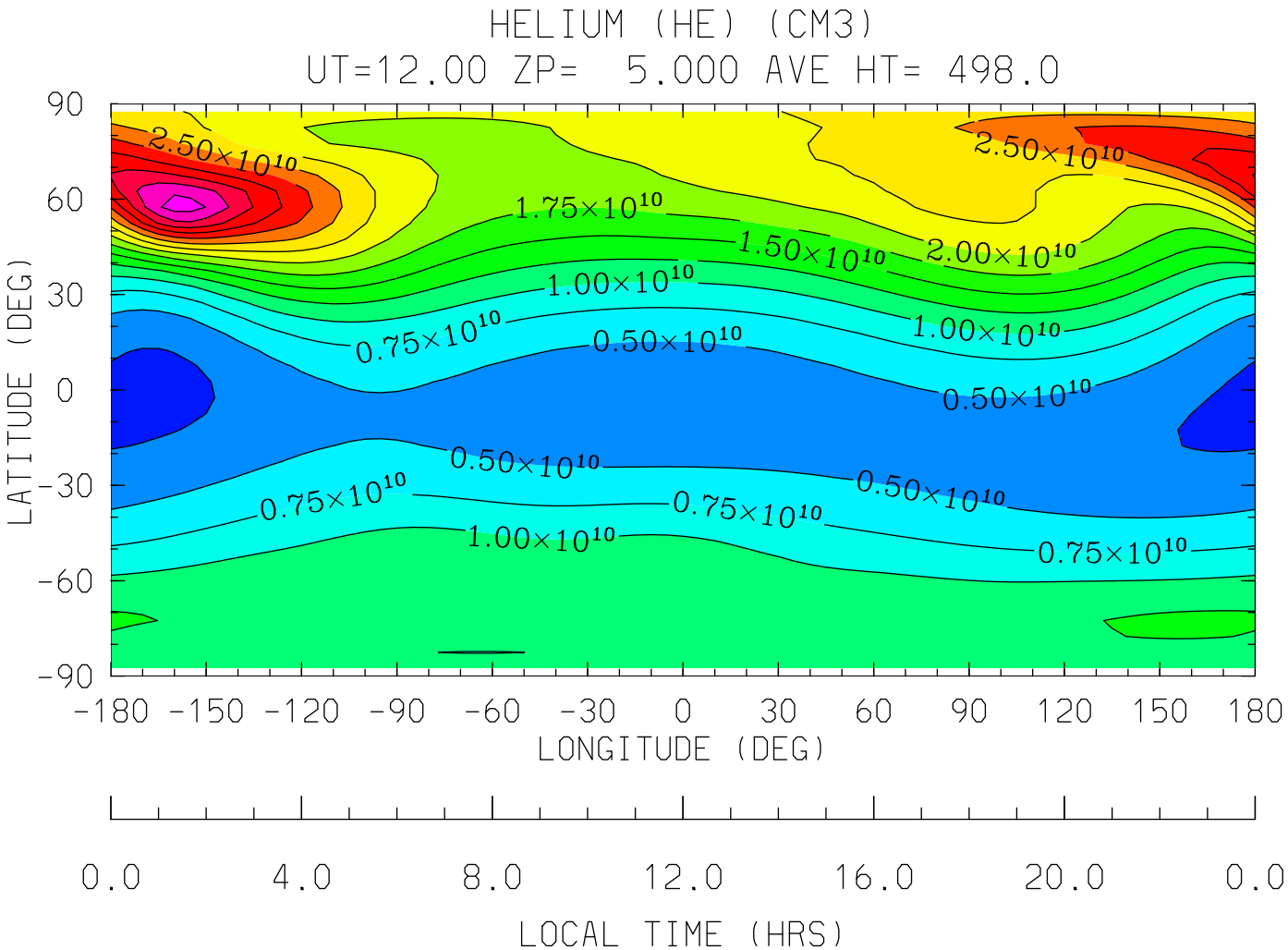

NEUTRAL MERIDIONAL WIND (M/S)
UT=12.00 ZP= 17.000 AVE HT=2331.7
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
0.0 4.0 8.0 12.0 16.0 20.0 0.0
LOCAL TIME (HRS)
MIN,MAX= -1.4622E+03 1.5320E+03 INTERVAL= 2.0000E+02
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 6.2531E+12 4.3414E+13 INTERVAL= 2.5000E+12

jtgcm15 (DAY,HR,MIN=212,12, 0)

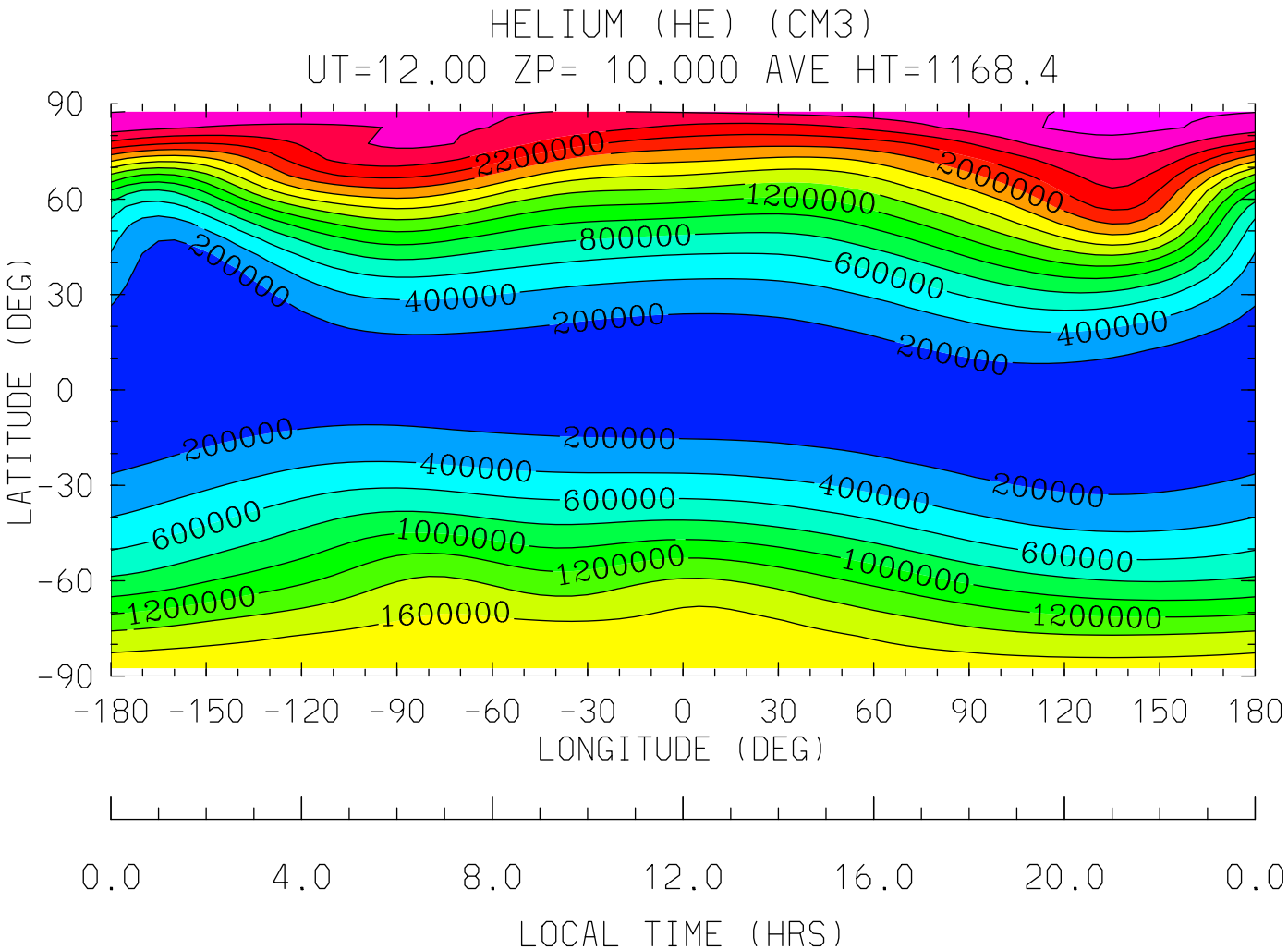
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 1.8191E+09 3.8644E+10 INTERVAL= 2.5000E+09

jtgcm15 (DAY,HR,MIN=212,12, 0)

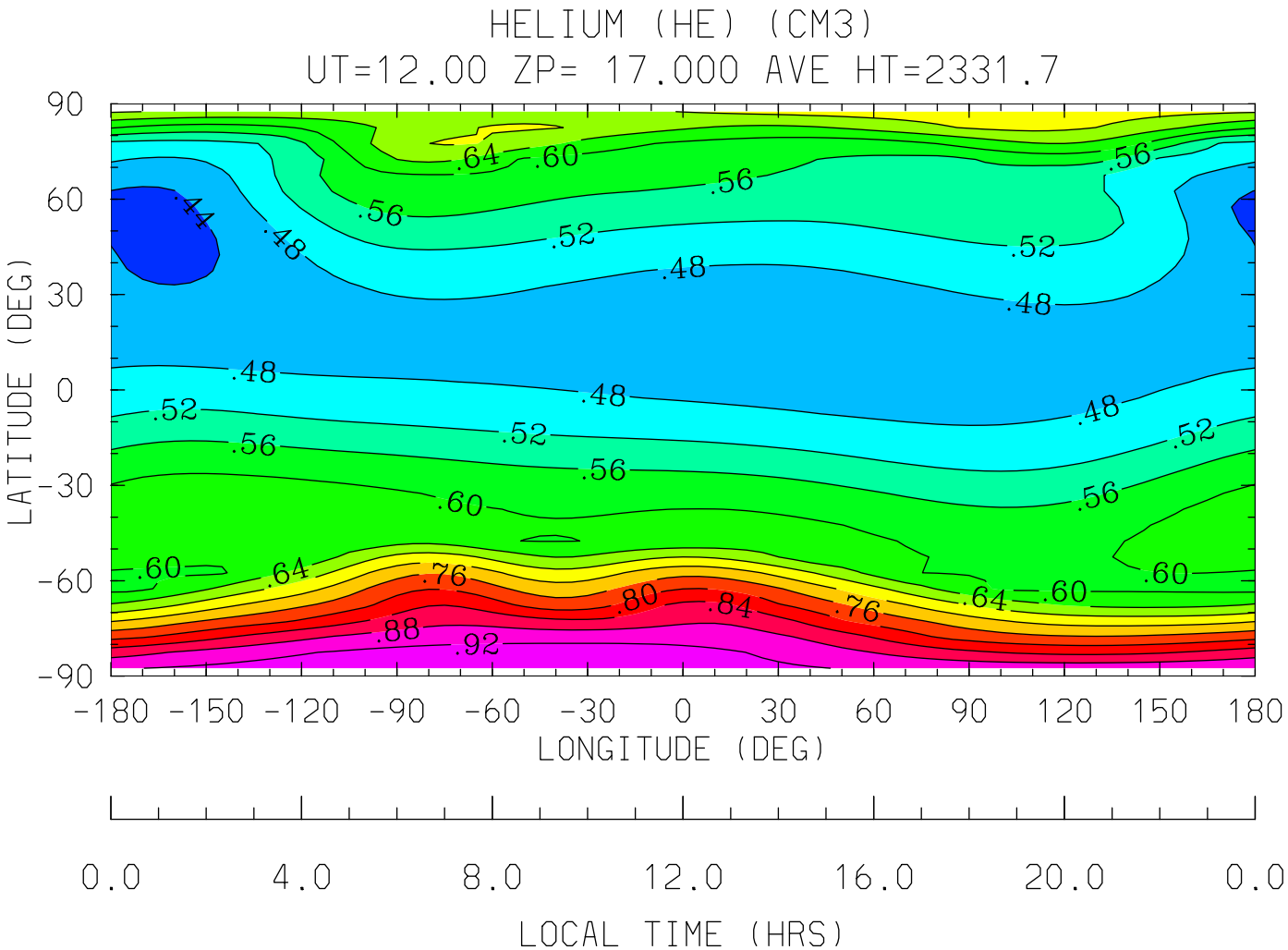
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 2.6441E+04 2.8442E+06 INTERVAL= 2.0000E+05

jtgcm15 (DAY,HR,MIN=212,12, 0)

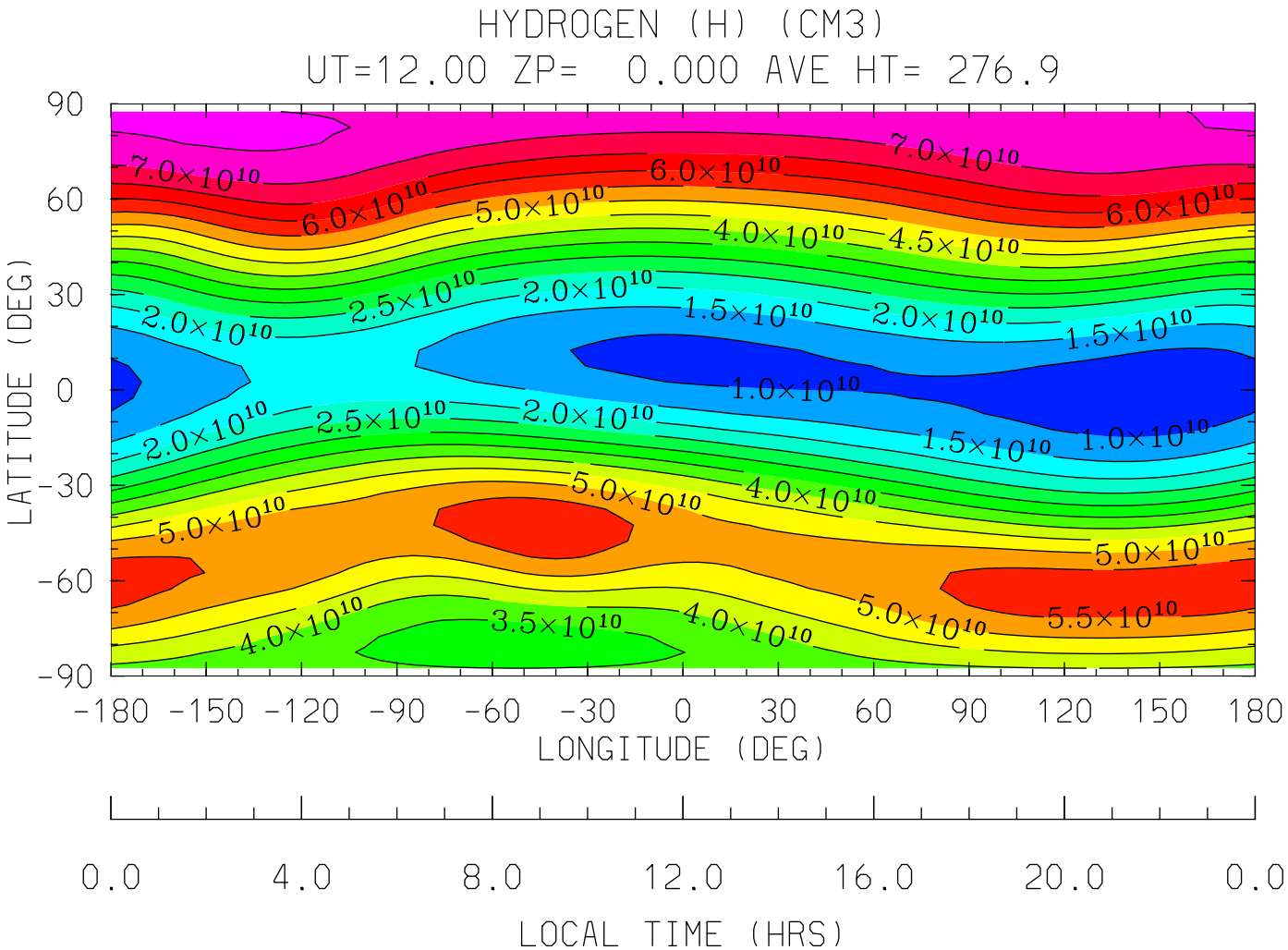
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 4.2343E-01 9.4842E-01 INTERVAL= 4.0000E-02

jtgcm15 (DAY,HR,MIN=212,12, 0)

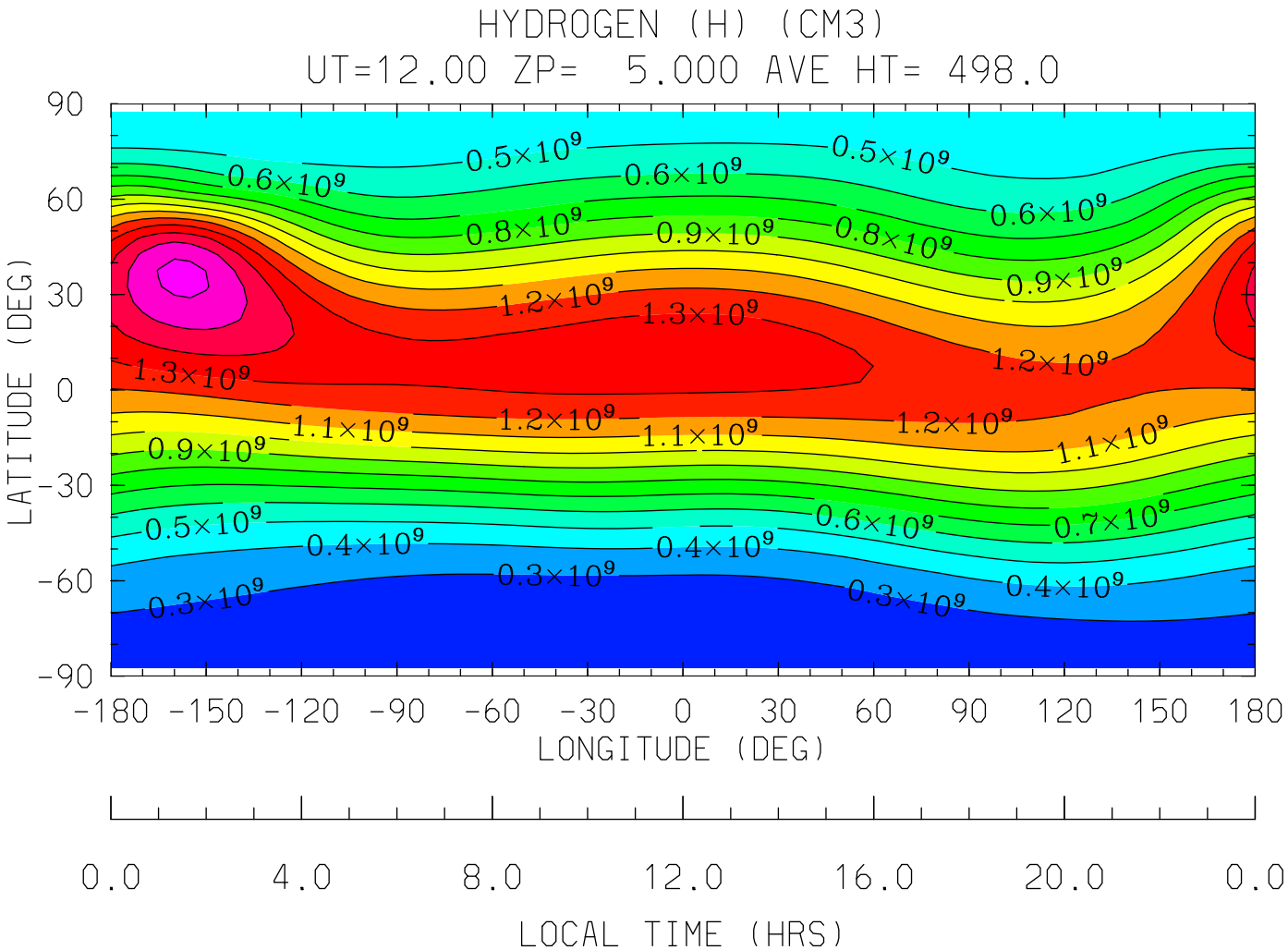
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 6.2615E+09 7.5691E+10 INTERVAL= 5.0000E+09

jtgcm15 (DAY,HR,MIN=212,12, 0)

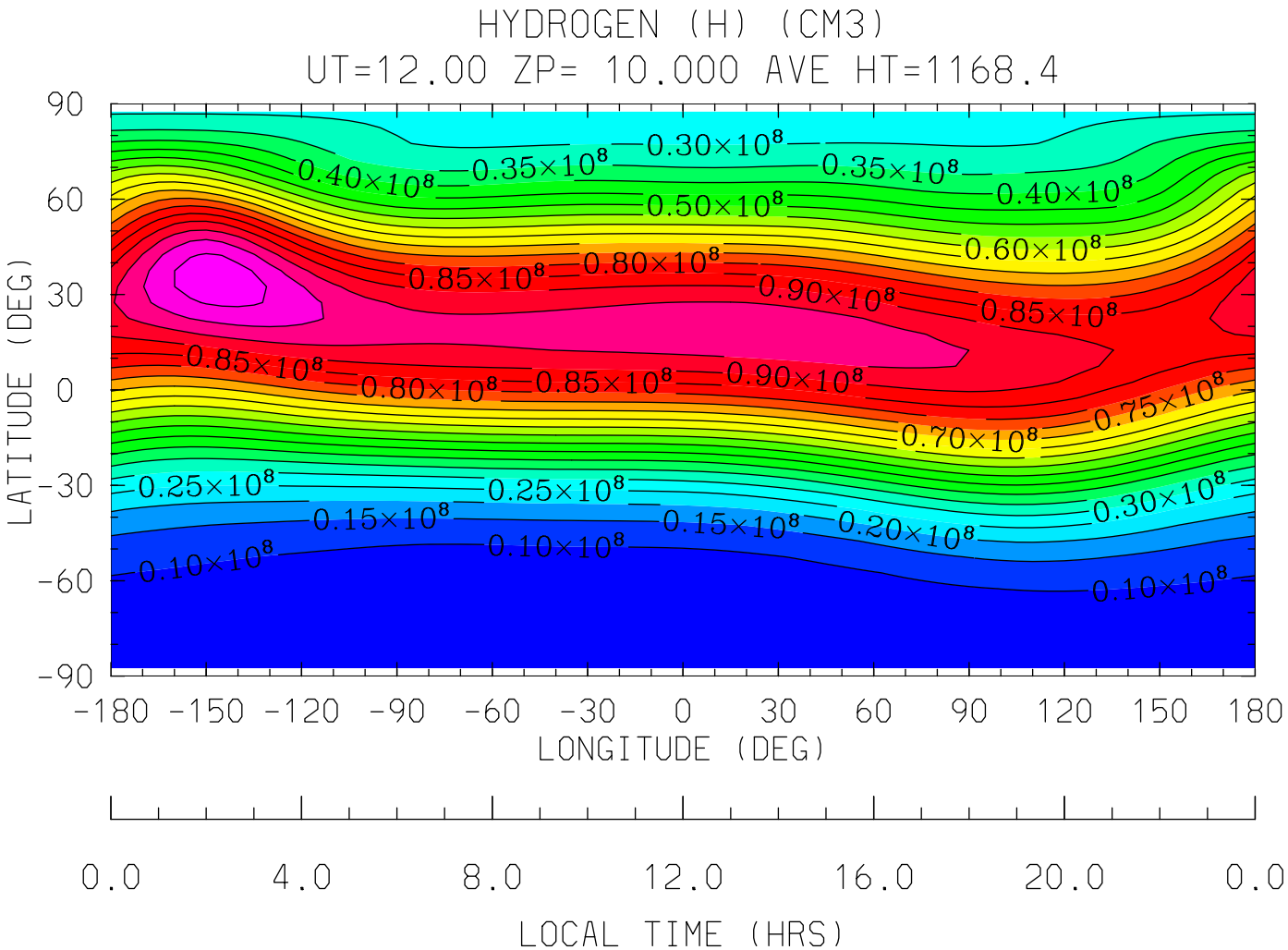
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 2.1444E+08 1.6282E+09 INTERVAL= 1.0000E+08

jtgcm15 (DAY,HR,MIN=212,12, 0)

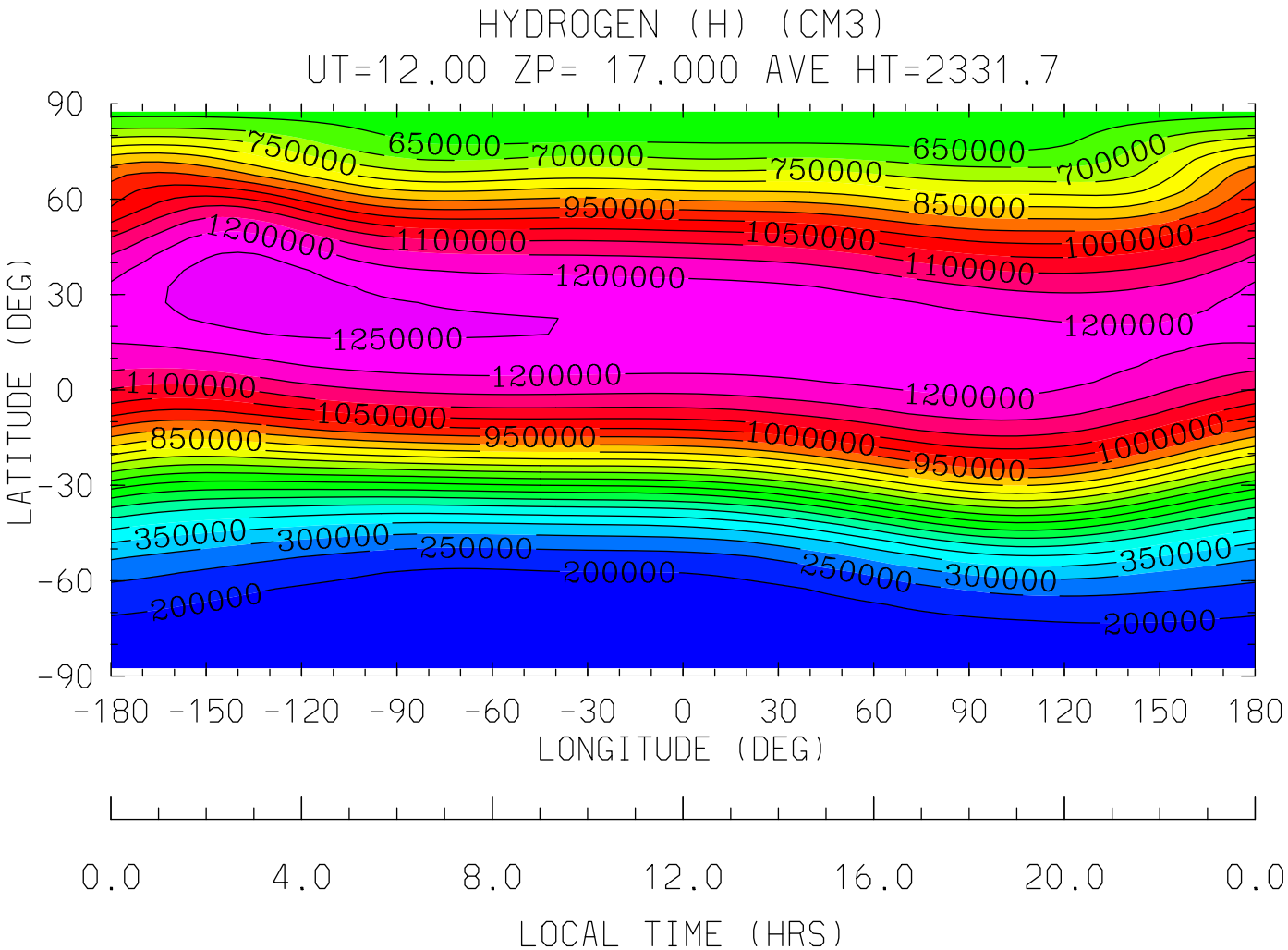
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 6.2010E+06 1.0810E+08 INTERVAL= 5.0000E+06

jtgcm15 (DAY,HR,MIN=212,12, 0)

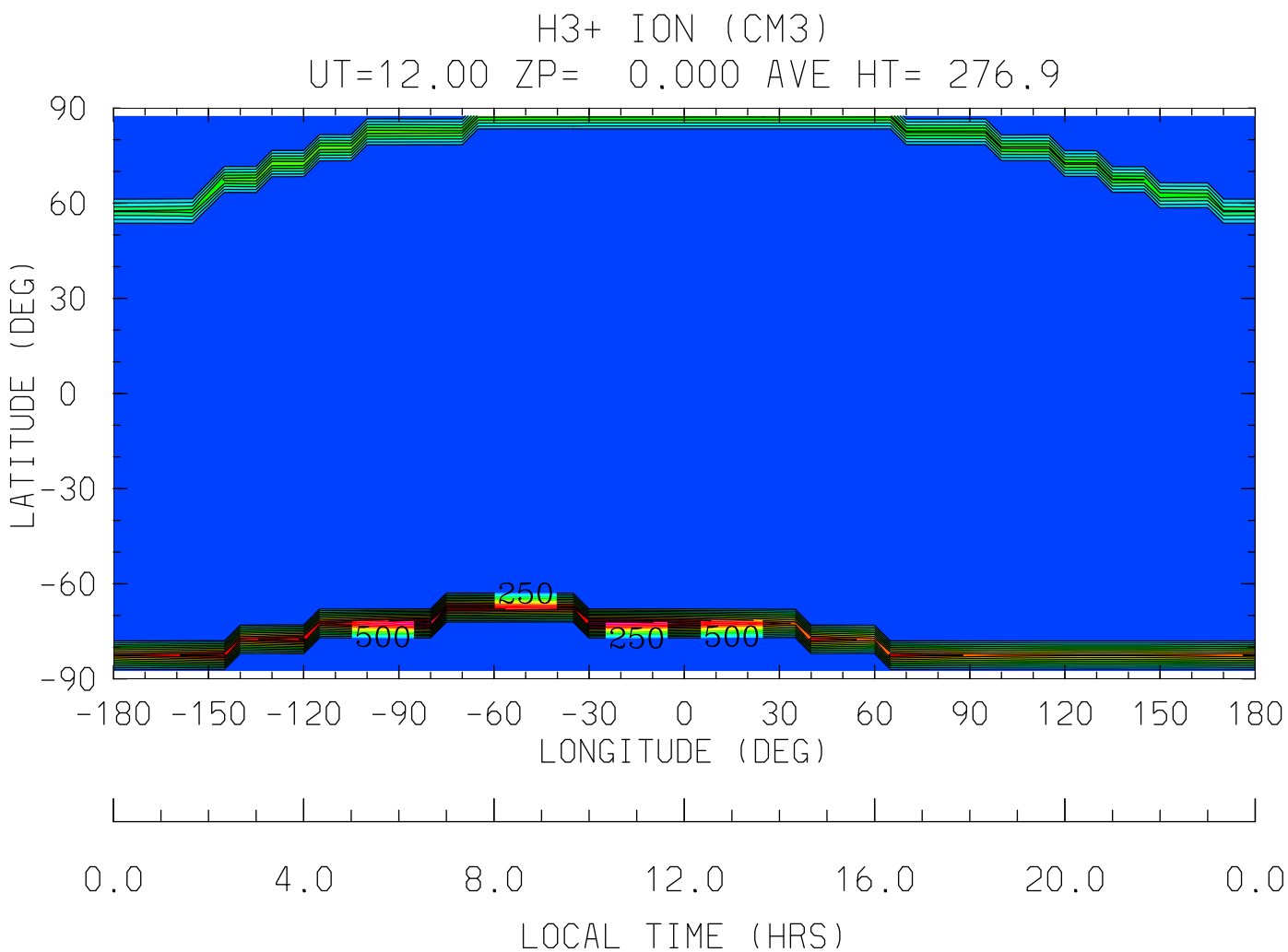
BOUGHER.jtgcm15.T83_j15p.nc

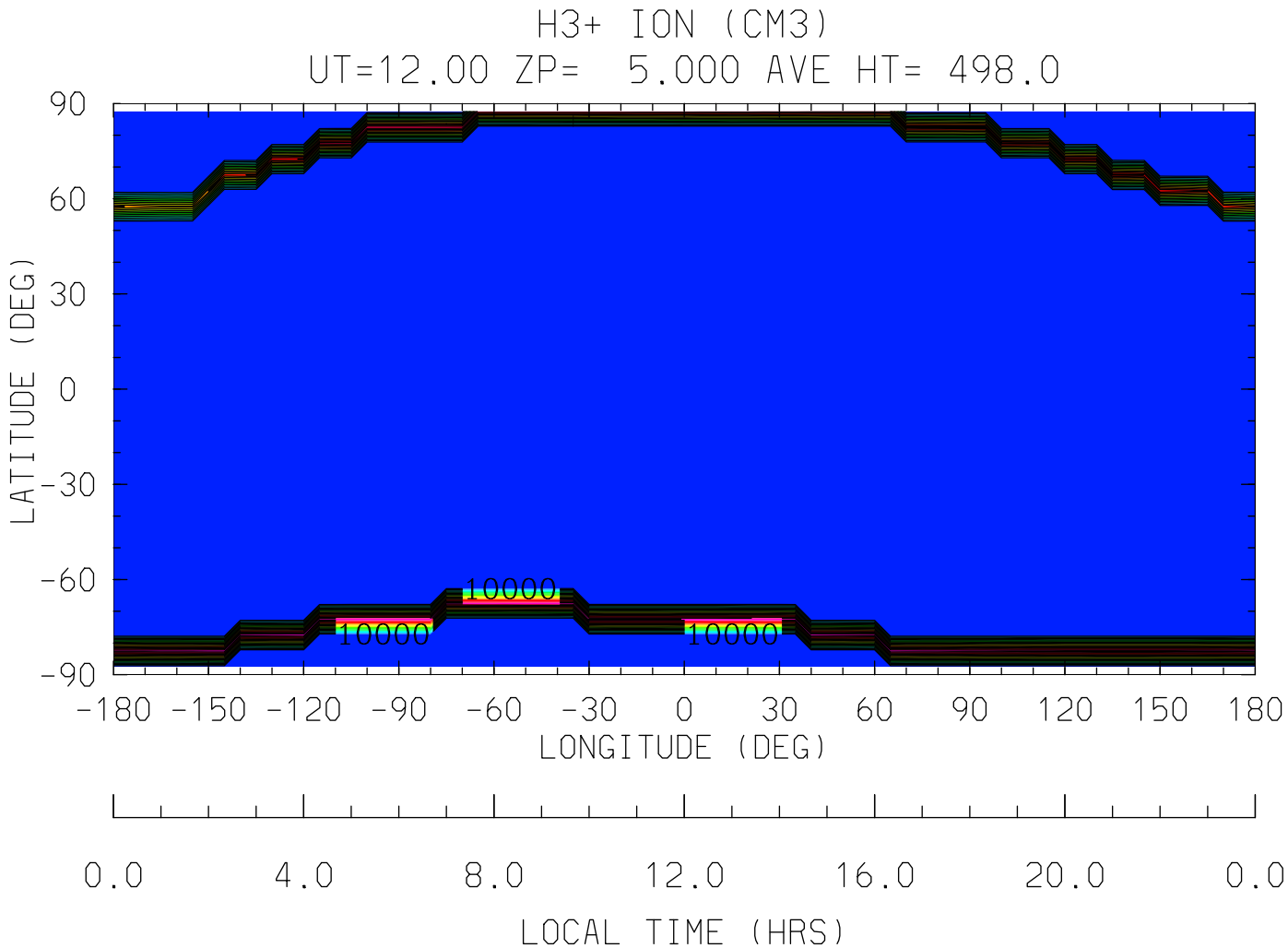


MIN,MAX= 1.6689E+05 1.2808E+06 INTERVAL= 5.0000E+04

jtgcm15 (DAY,HR,MIN=212,12, 0)

BOUGHER.jtgcm15.T83_j15p.nc

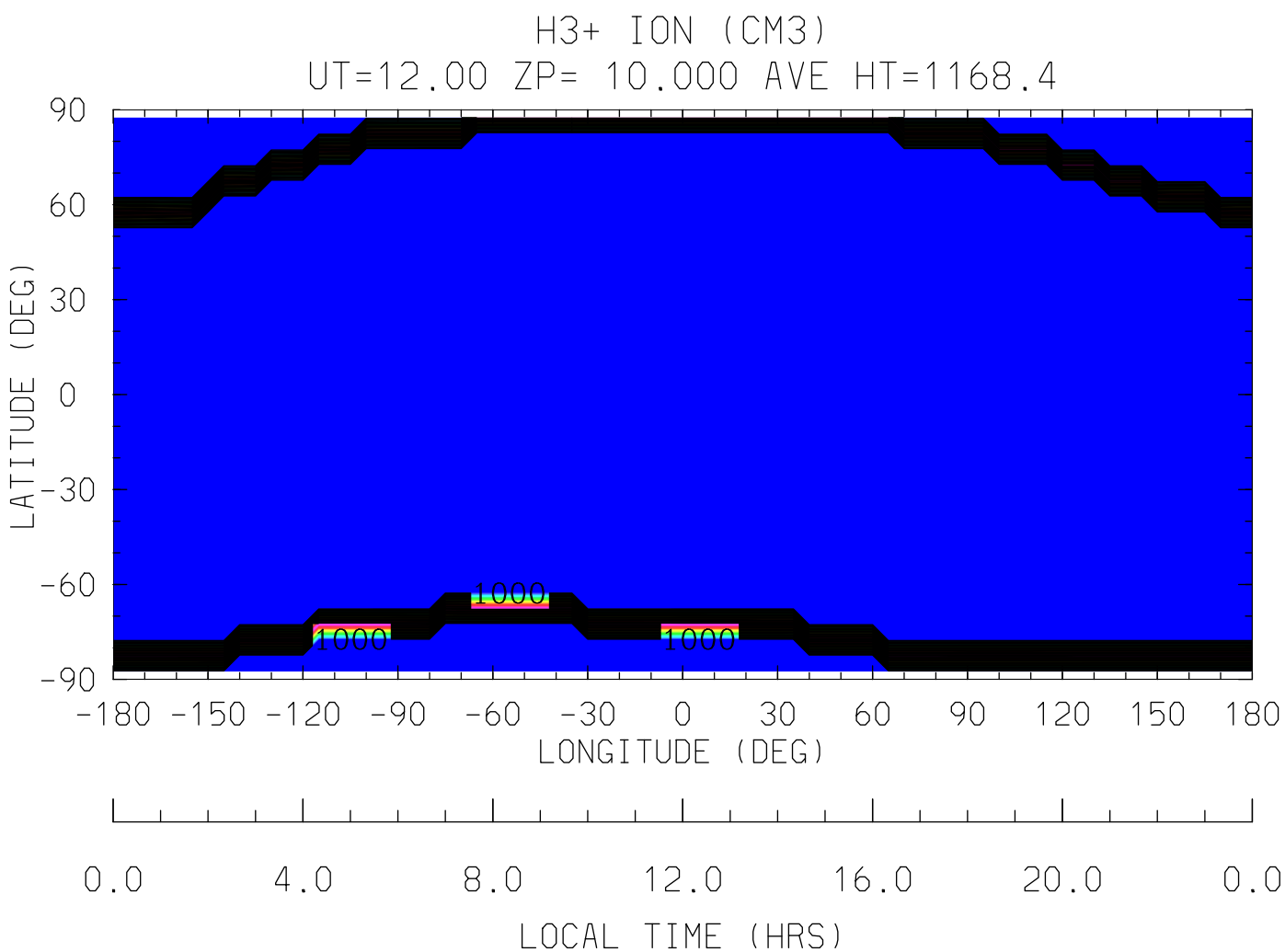

H3+ ION (CM3)
UT=12.00 ZP= 0.000 AVE HT= 276.9
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
250
500
250
500
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
0.0 4.0 8.0 12.0 16.0 20.0 0.0
LOCAL TIME (HRS)
MIN,MAX= 2.8357E-06 3.1591E+03 INTERVAL= 2.5000E+02
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc

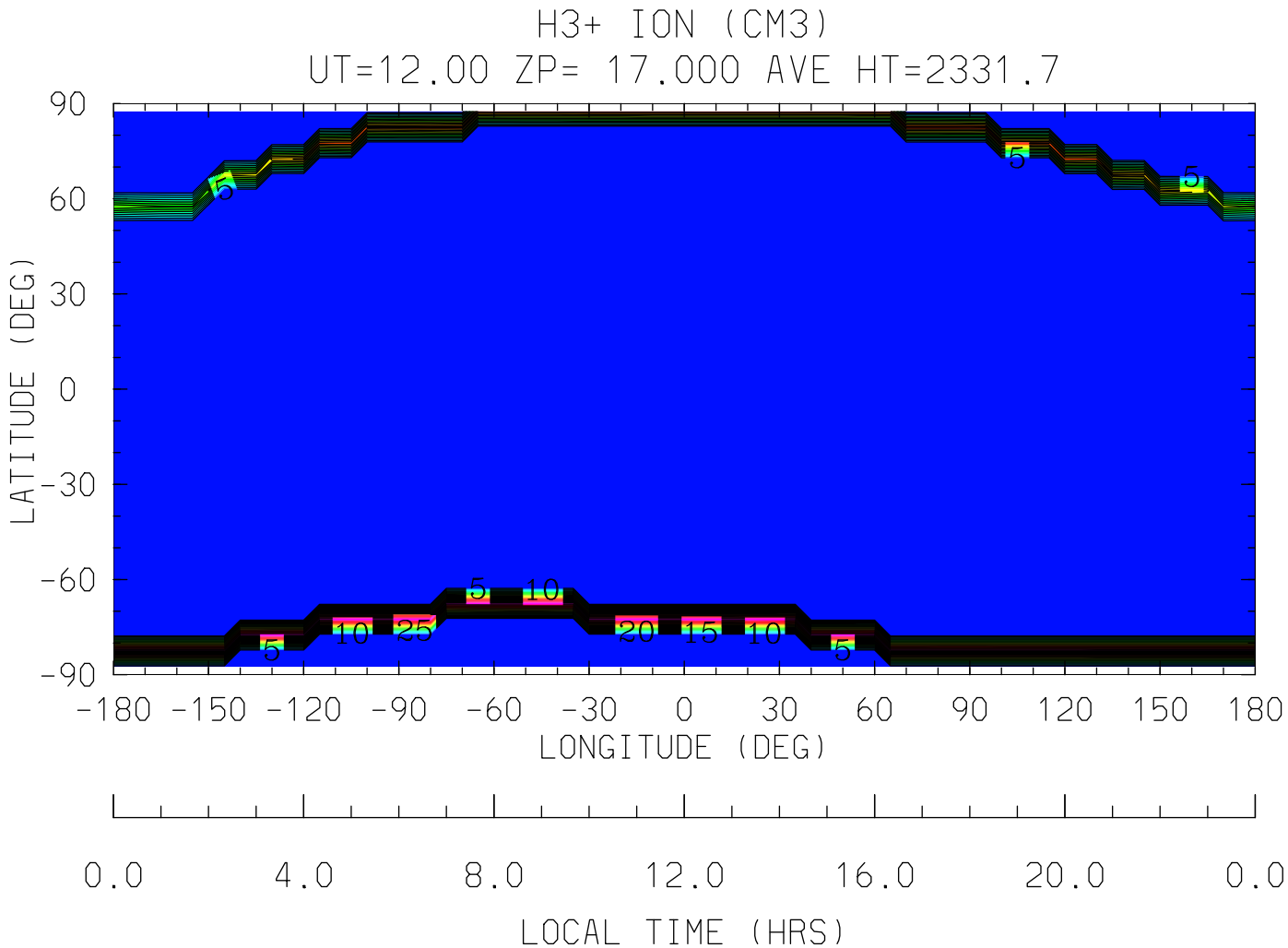


MIN,MAX= 1.4327E+01 1.4038E+05 INTERVAL= 1.0000E+04

jtgcm15 (DAY,HR,MIN=212,12, 0)

BOUGHER.jtgcm15.T83_j15p.nc

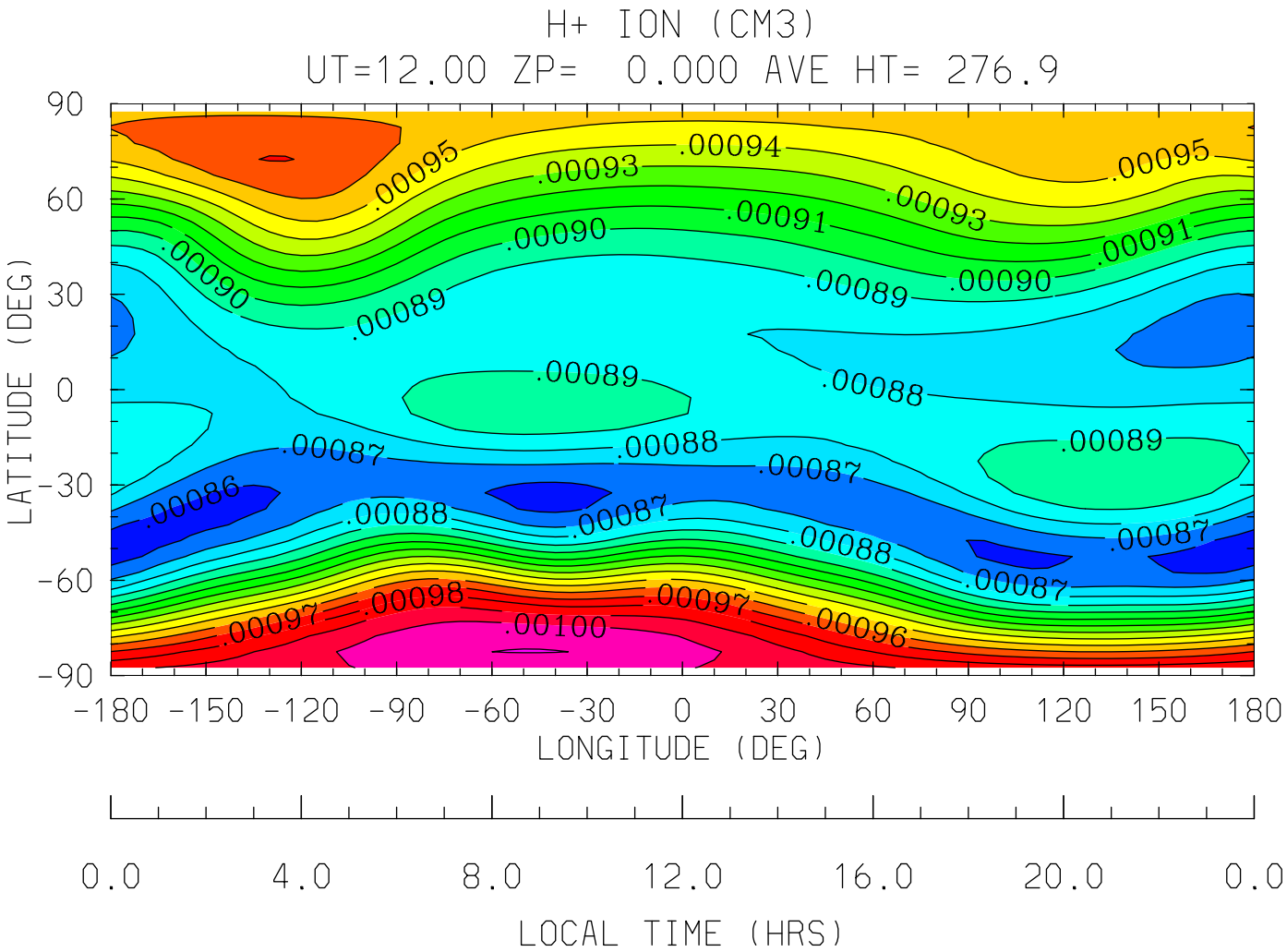

H3+ ION (CM3)
UT=12.00 ZP= 10.000 AVE HT=1168.4
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
1000
1000
1000
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
0.0 4.0 8.0 12.0 16.0 20.0 0.0
LOCAL TIME (HRS)
MIN,MAX= 7.3095E-04 2.3529E+04 INTERVAL= 1.0000E+03
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 5.5960E-11 8.3498E+01 INTERVAL= 5.0000E+00

jtgcm15 (DAY,HR,MIN=212,12, 0)

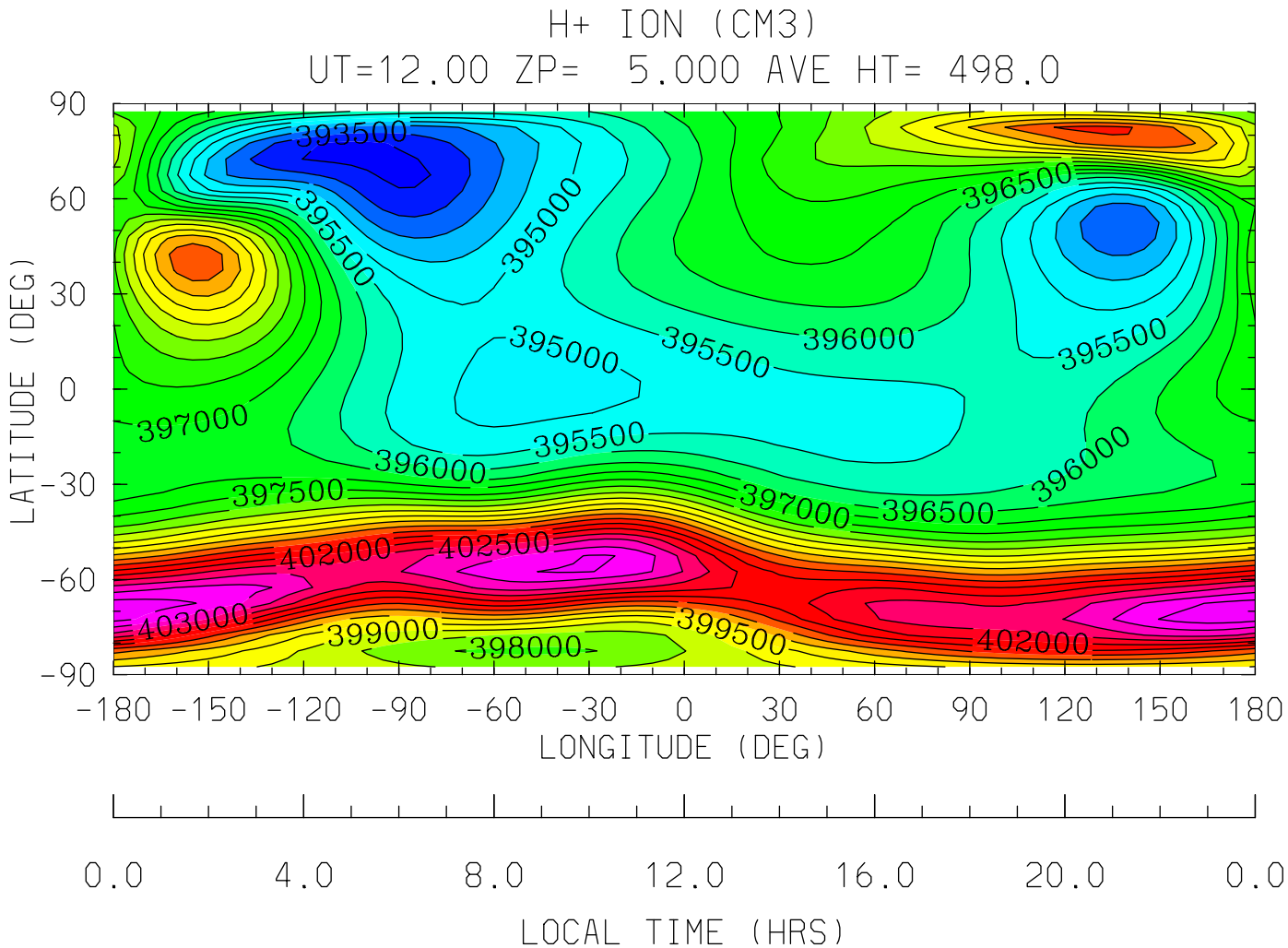
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 8.5502E-04 1.0104E-03 INTERVAL= 1.0000E-05

jtgcm15 (DAY,HR,MIN=212,12, 0)

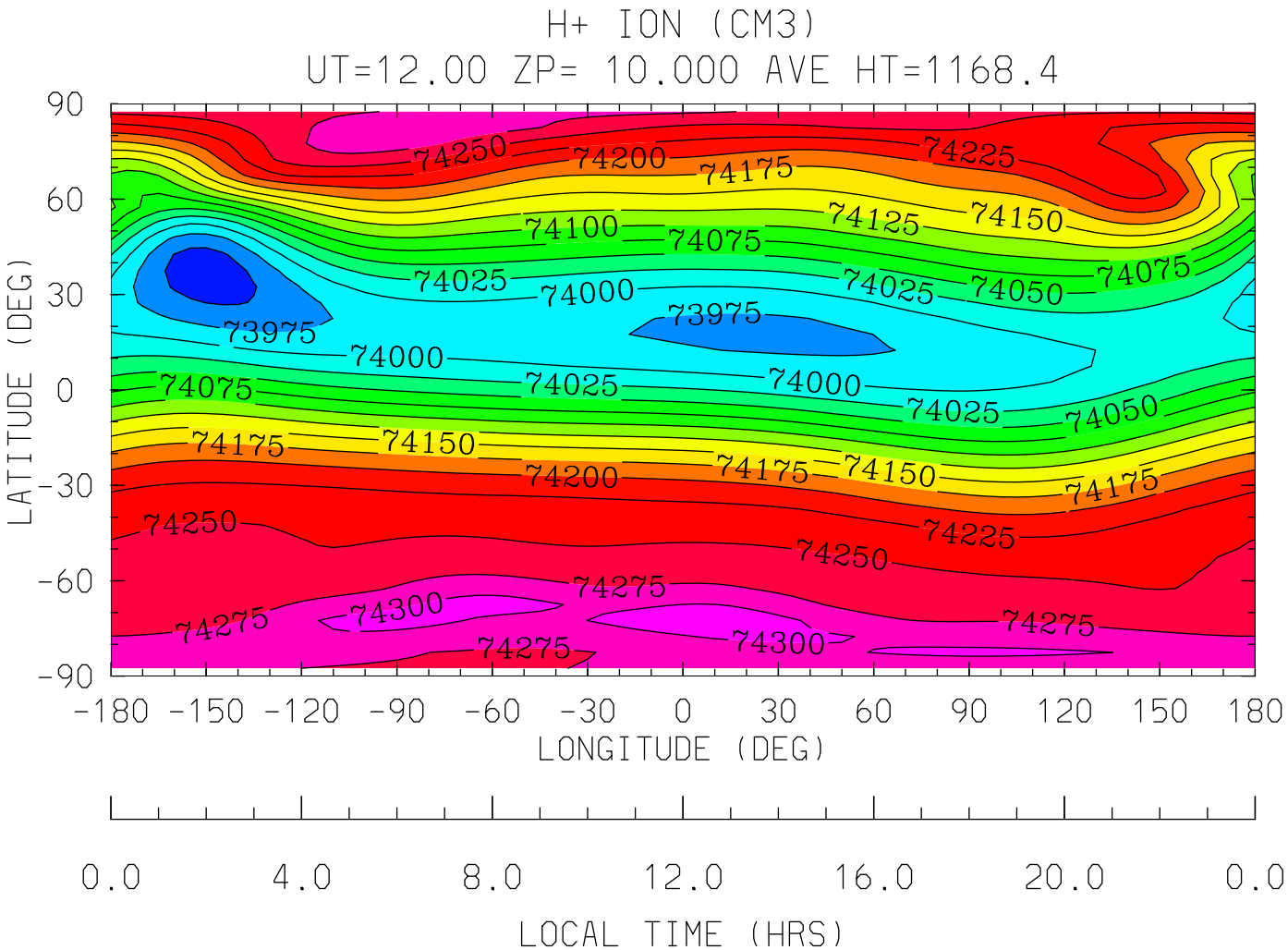
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 3.9286E+05 4.0428E+05 INTERVAL= 5.0000E+02

jtgcm15 (DAY,HR,MIN=212,12, 0)

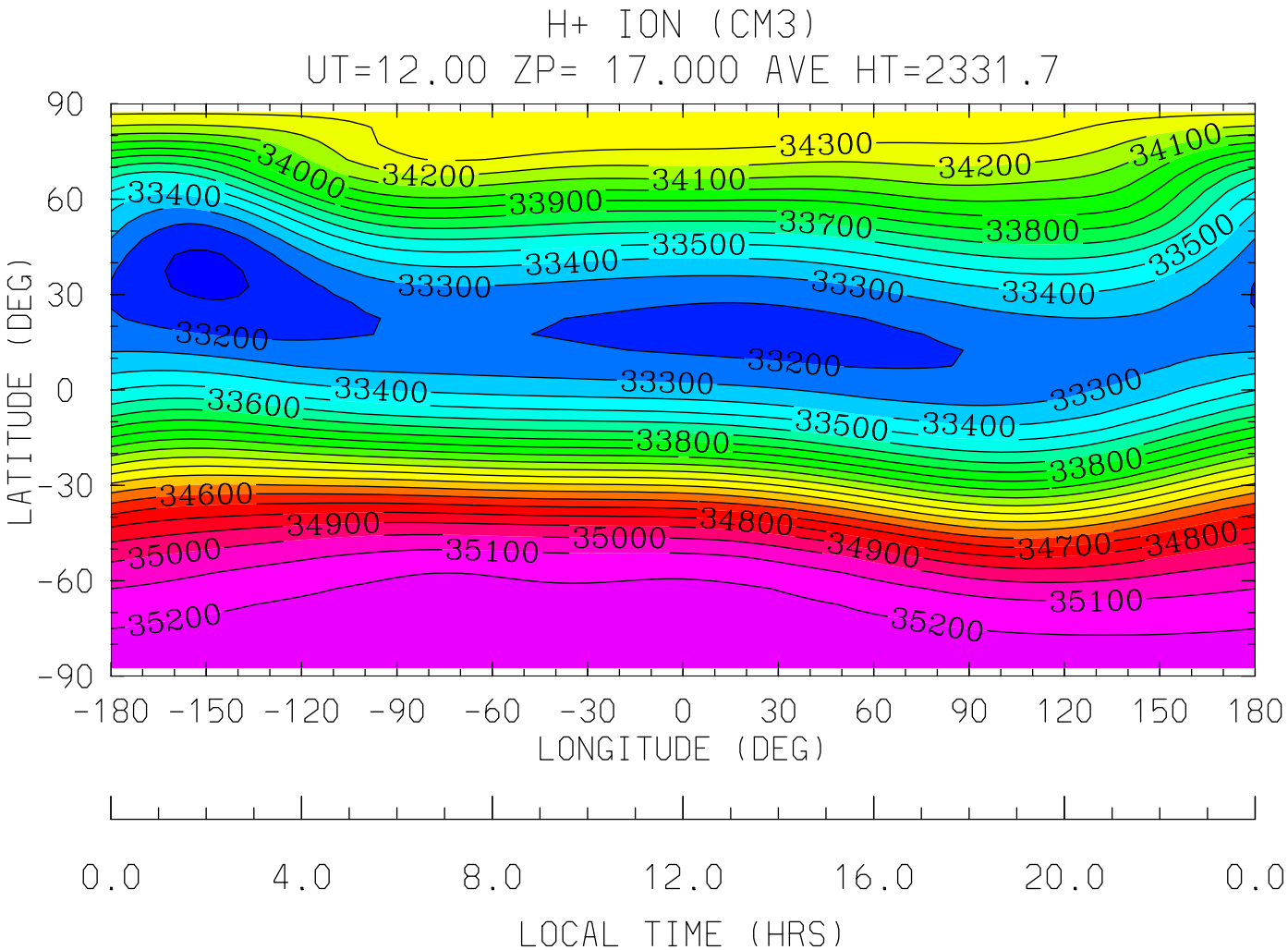
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 7.3934E+04 7.4318E+04 INTERVAL= 2.5000E+01

jtgcm15 (DAY,HR,MIN=212,12, 0)

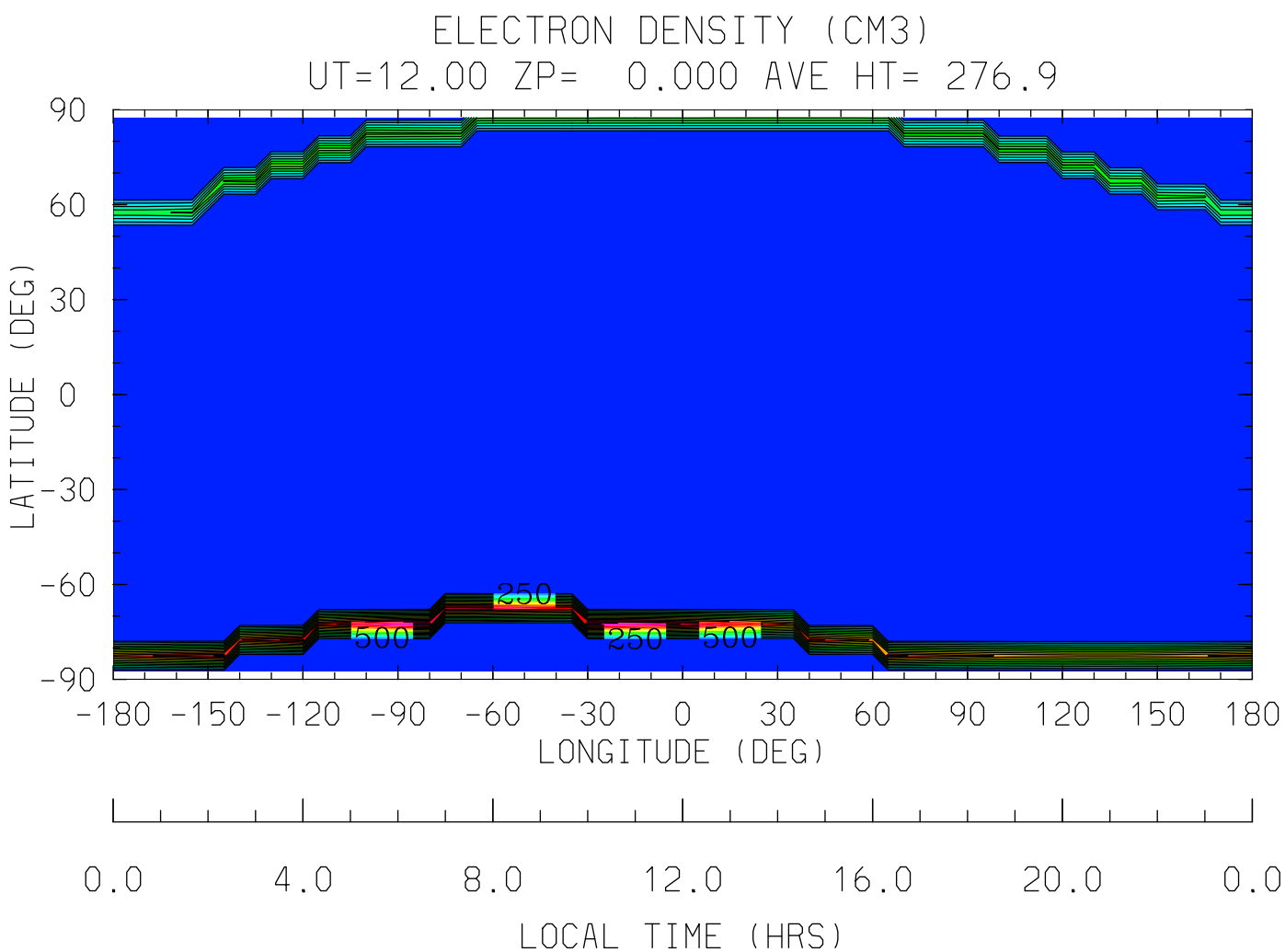
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 3.3073E+04 3.5244E+04 INTERVAL= 1.0000E+02

jtgcm15 (DAY,HR,MIN=212,12, 0)

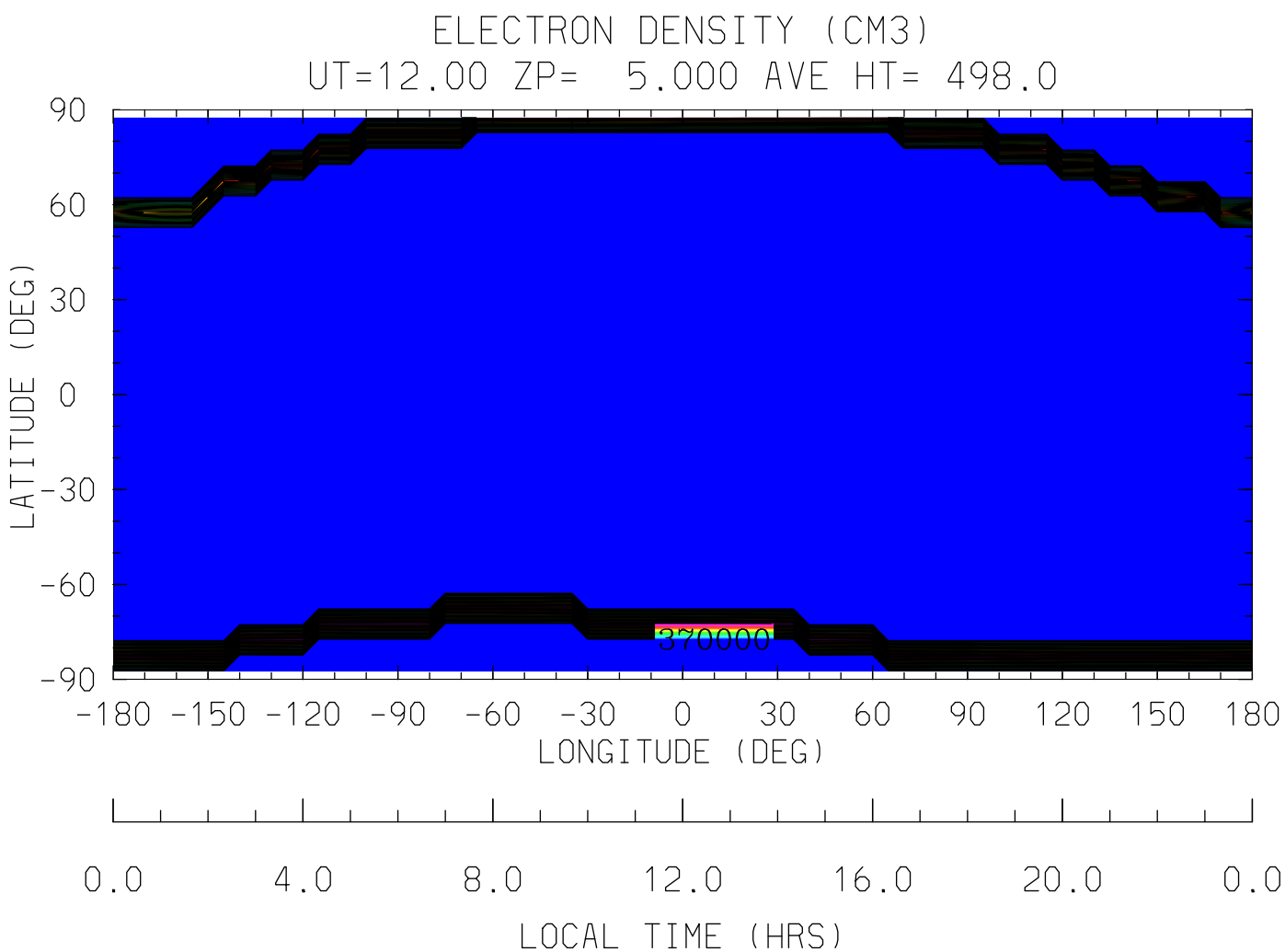
BOUGHER.jtgcm15.T83_j15p.nc

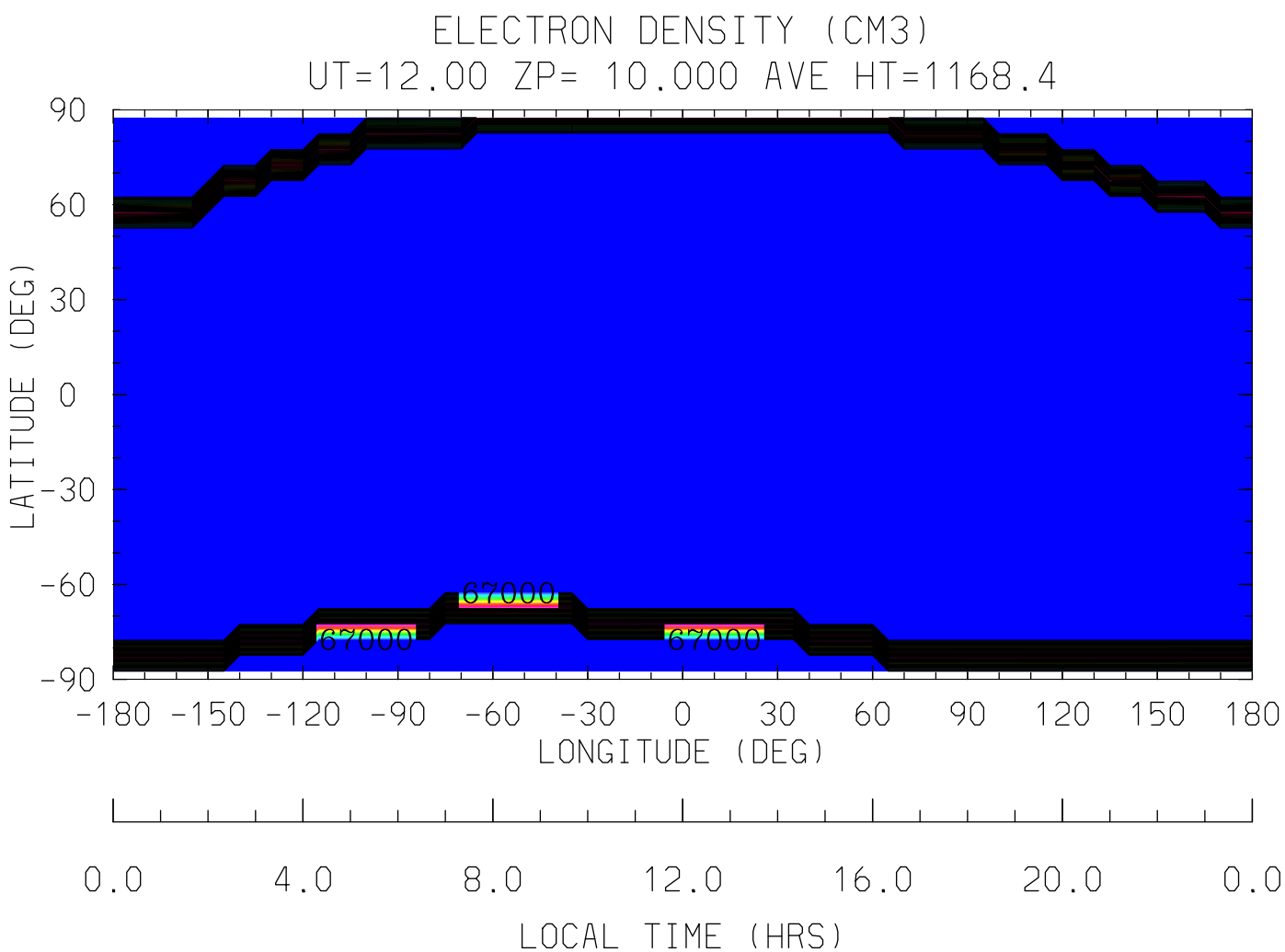


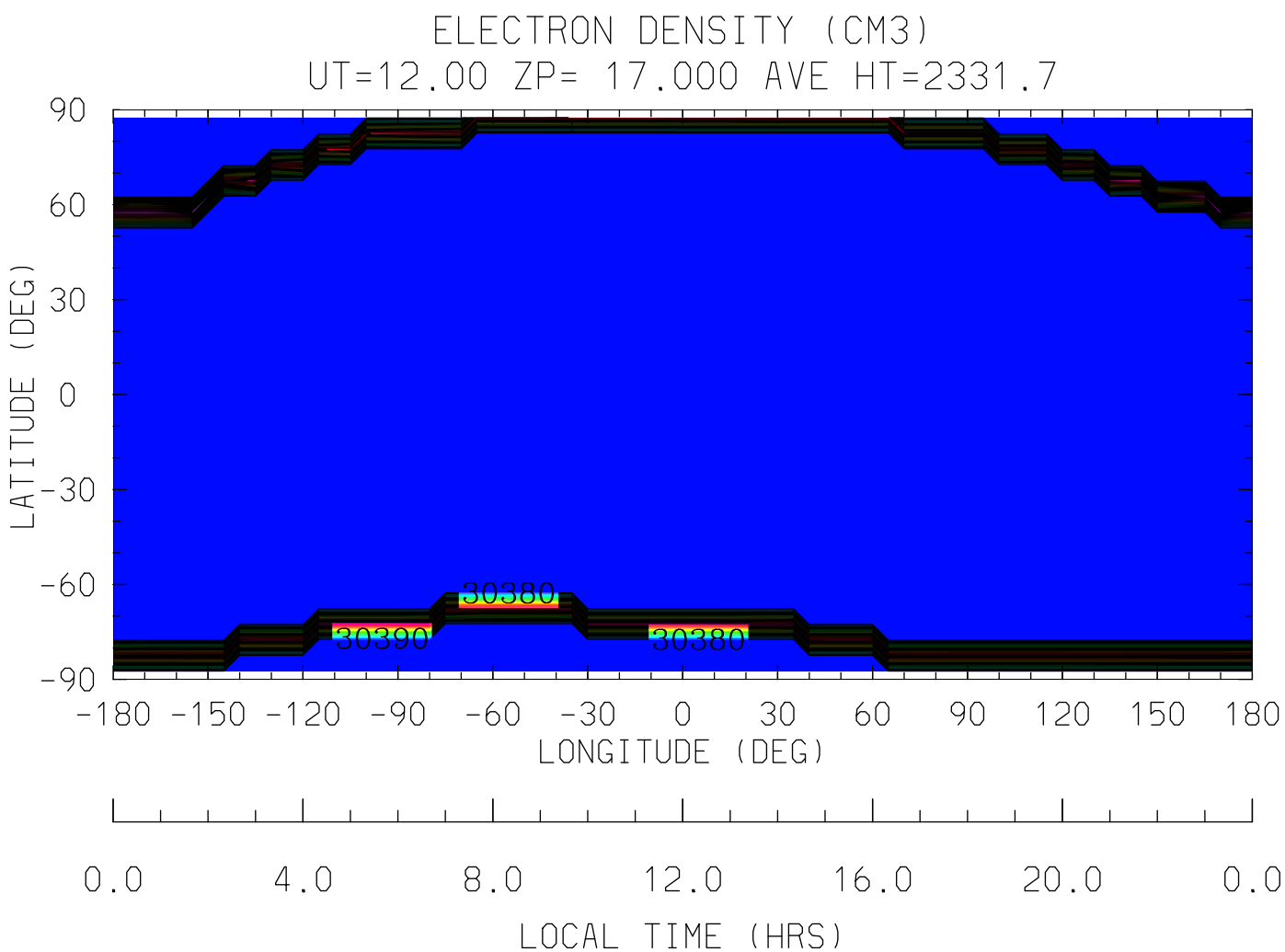
MIN,MAX= 1.2120E-03 3.5774E+03 INTERVAL= 2.5000E+02

jtgcm15 (DAY,HR,MIN=212,12, 0)

BOUGHER.jtgcm15.T83_j15p.nc


ELECTRON DENSITY (CM3)
UT=12.00 ZP= 5.000 AVE HT= 498.0
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
370000
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
0.0 4.0 8.0 12.0 16.0 20.0 0.0
LOCAL TIME (HRS)
MIN,MAX= 3.6508E+05 4.7537E+05 INTERVAL= 5.0000E+03
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc

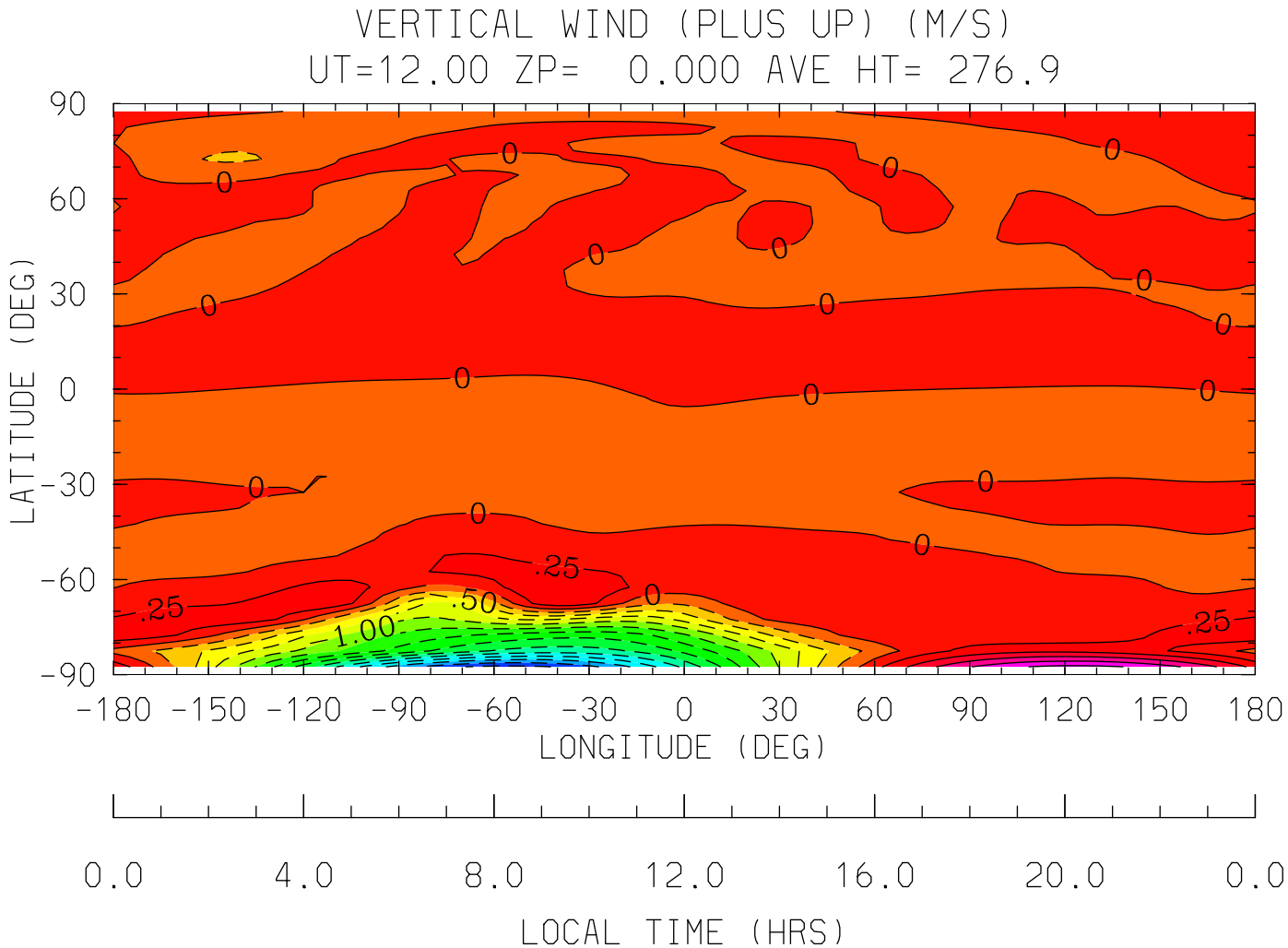

ELECTRON DENSITY (CM3)
UT=12.00 ZP= 10.000 AVE HT=1168.4
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
67000
67000
67000
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
0.0 4.0 8.0 12.0 16.0 20.0 0.0
LOCAL TIME (HRS)
MIN,MAX= 6.6472E+04 8.6599E+04 INTERVAL= 1.0000E+03
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 3.0375E+04 3.0550E+04 INTERVAL= 1.0000E+01

jtgcm15 (DAY,HR,MIN=212,12, 0)

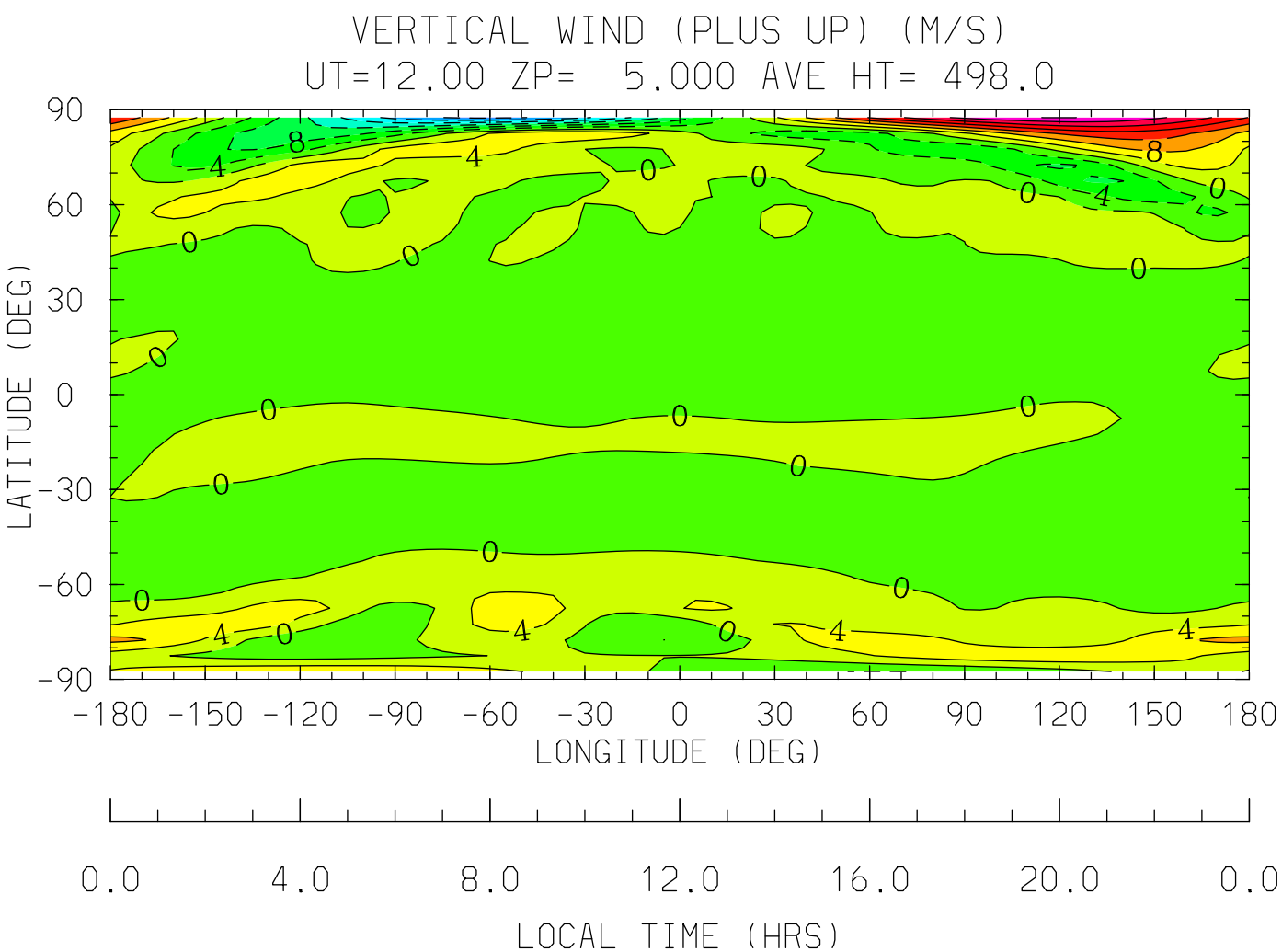
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= -3.3244E+00 1.3162E+00 INTERVAL= 2.5000E-01

jtgcm15 (DAY,HR,MIN=212,12, 0)

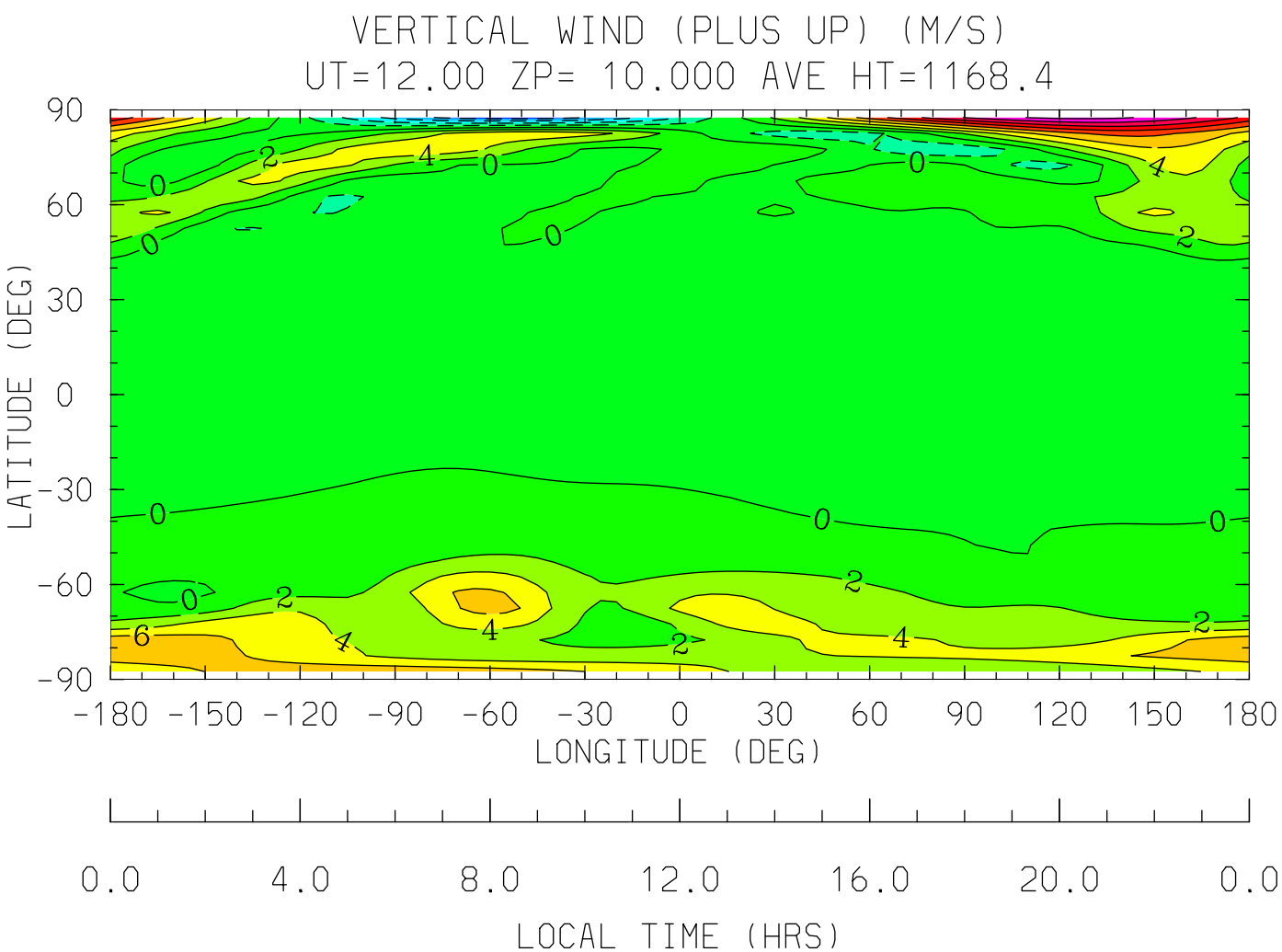
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= -2.4771E+01 2.8113E+01 INTERVAL= 4.0000E+00

jtgcm15 (DAY,HR,MIN=212,12, 0)

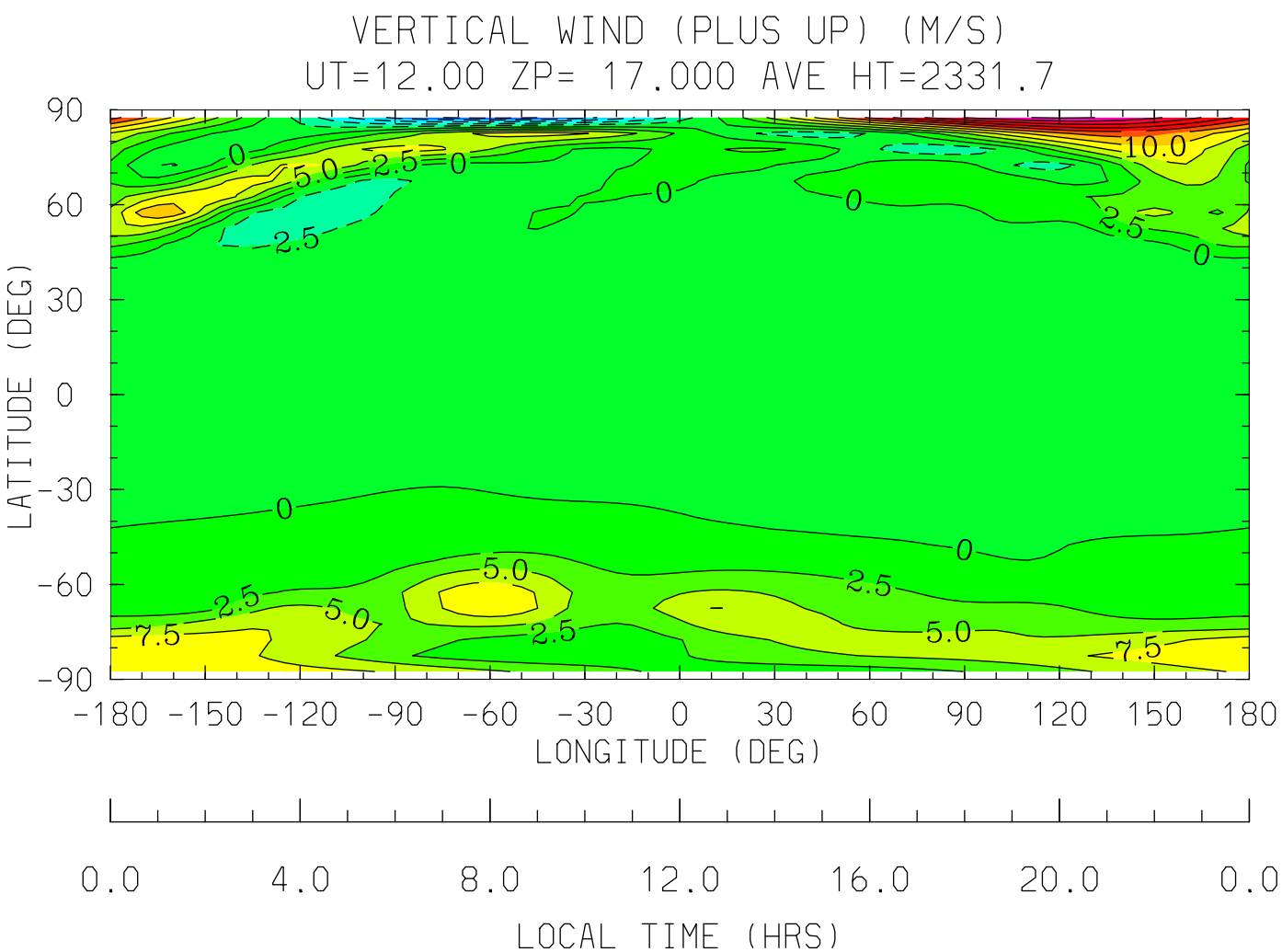
BOUGHER.jtgcm15.T83_j15p.nc

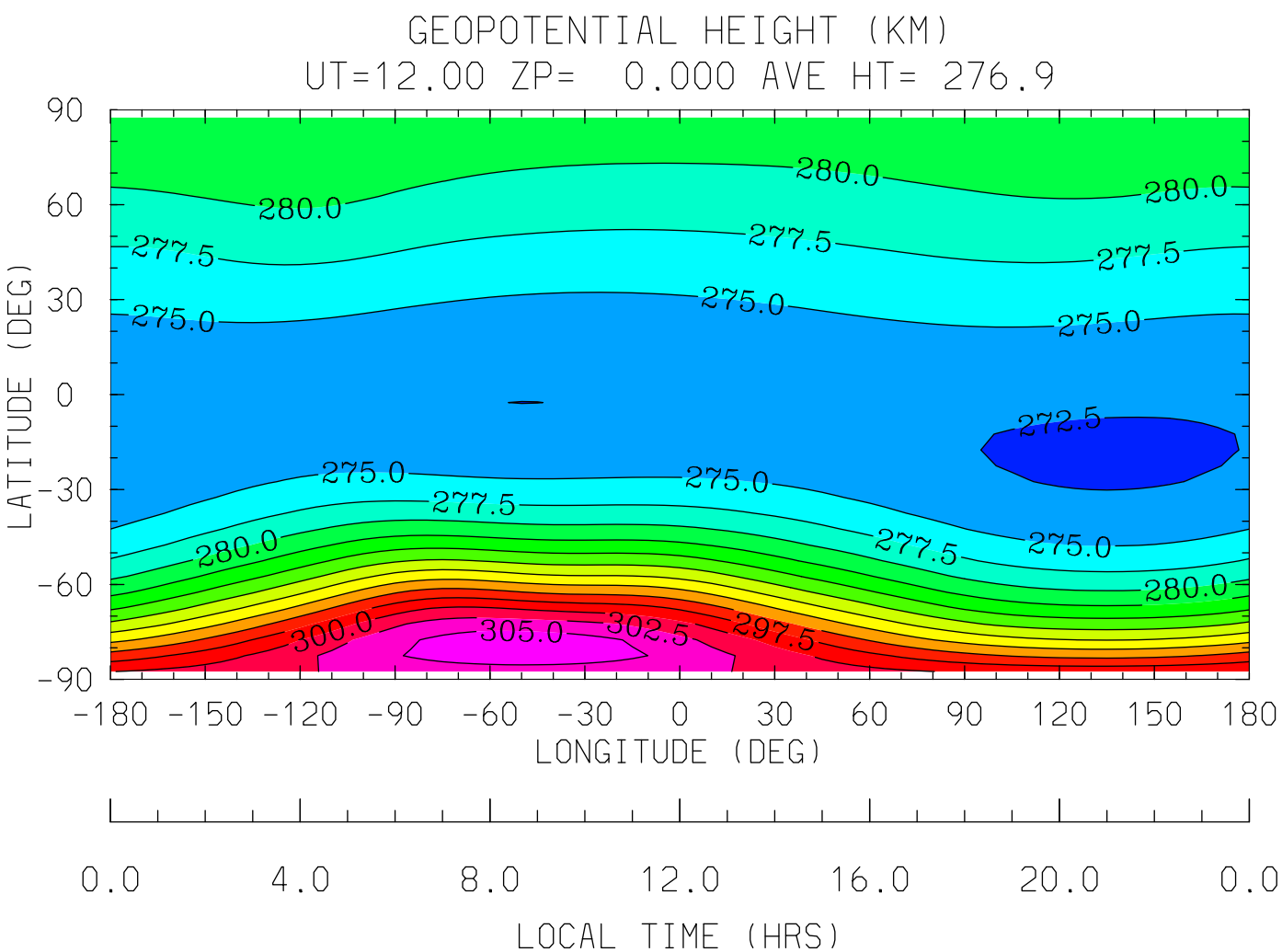


MIN,MAX= -9.1206E+00 1.6565E+01 INTERVAL= 2.0000E+00

jtgcm15 (DAY,HR,MIN=212,12, 0)

BOUGHER.jtgcm15.T83_j15p.nc

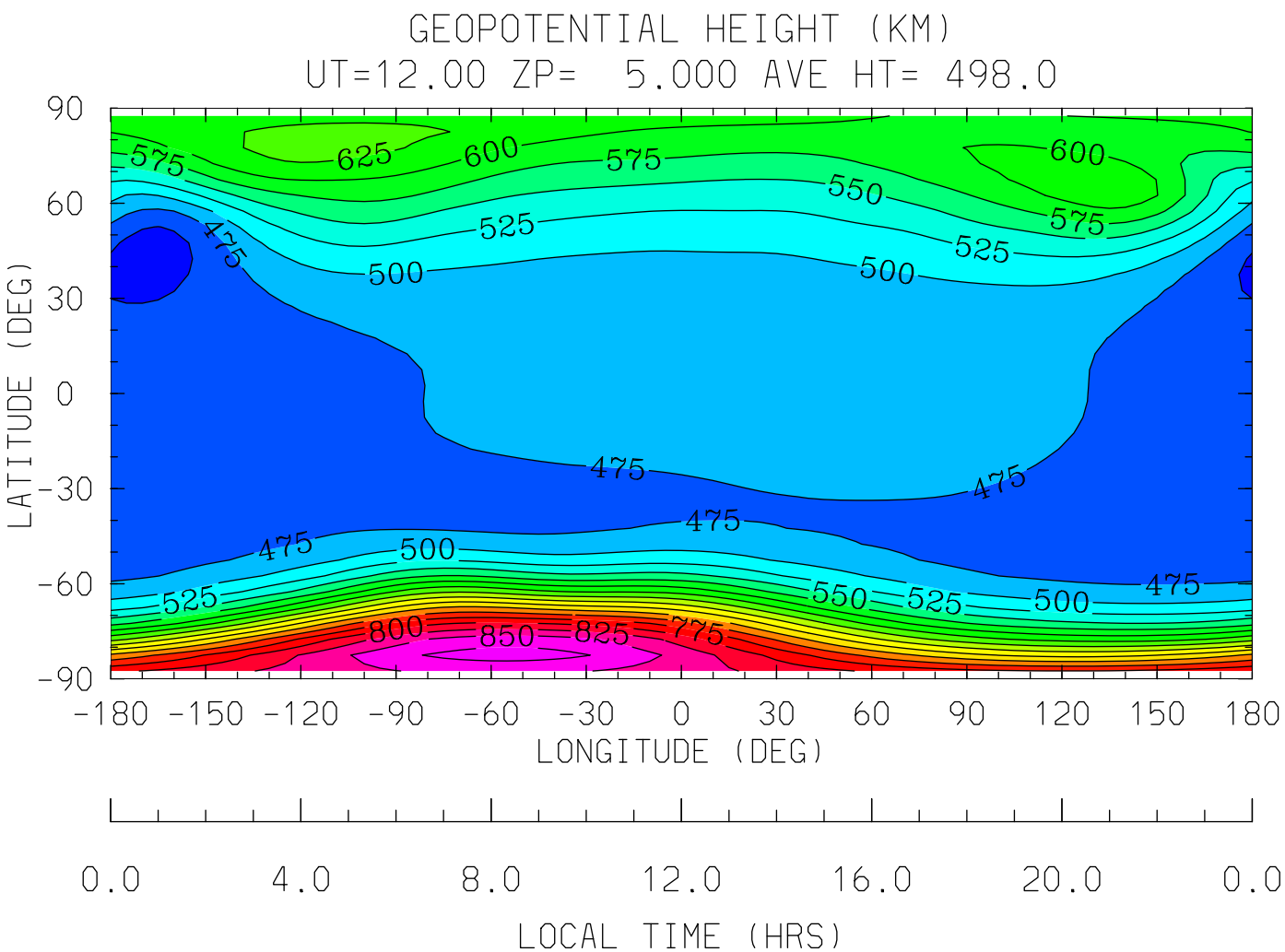

VERTICAL WIND (PLUS UP) (M/S)
UT=12.00 ZP= 17.000 AVE HT=2331.7
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
0.0 4.0 8.0 12.0 16.0 20.0 0.0
LOCAL TIME (HRS)
MIN,MAX= -1.3170E+01 2.5296E+01 INTERVAL= 2.5000E+00
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc

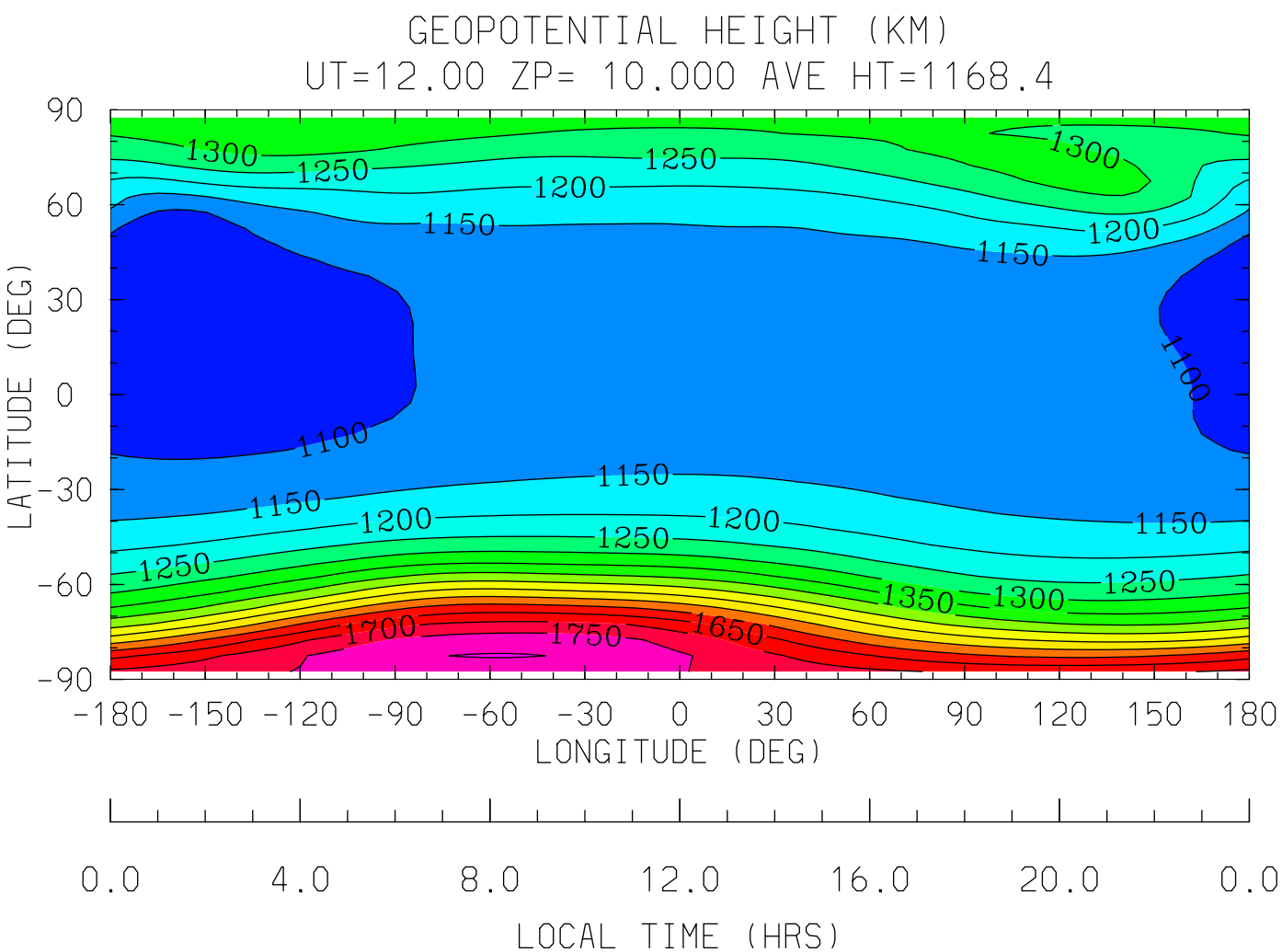


MIN,MAX= 2.7218E+02 3.0652E+02 INTERVAL= 2.5000E+00

jtgcm15 (DAY,HR,MIN=212,12, 0)

BOUGHER.jtgcm15.T83_j15p.nc

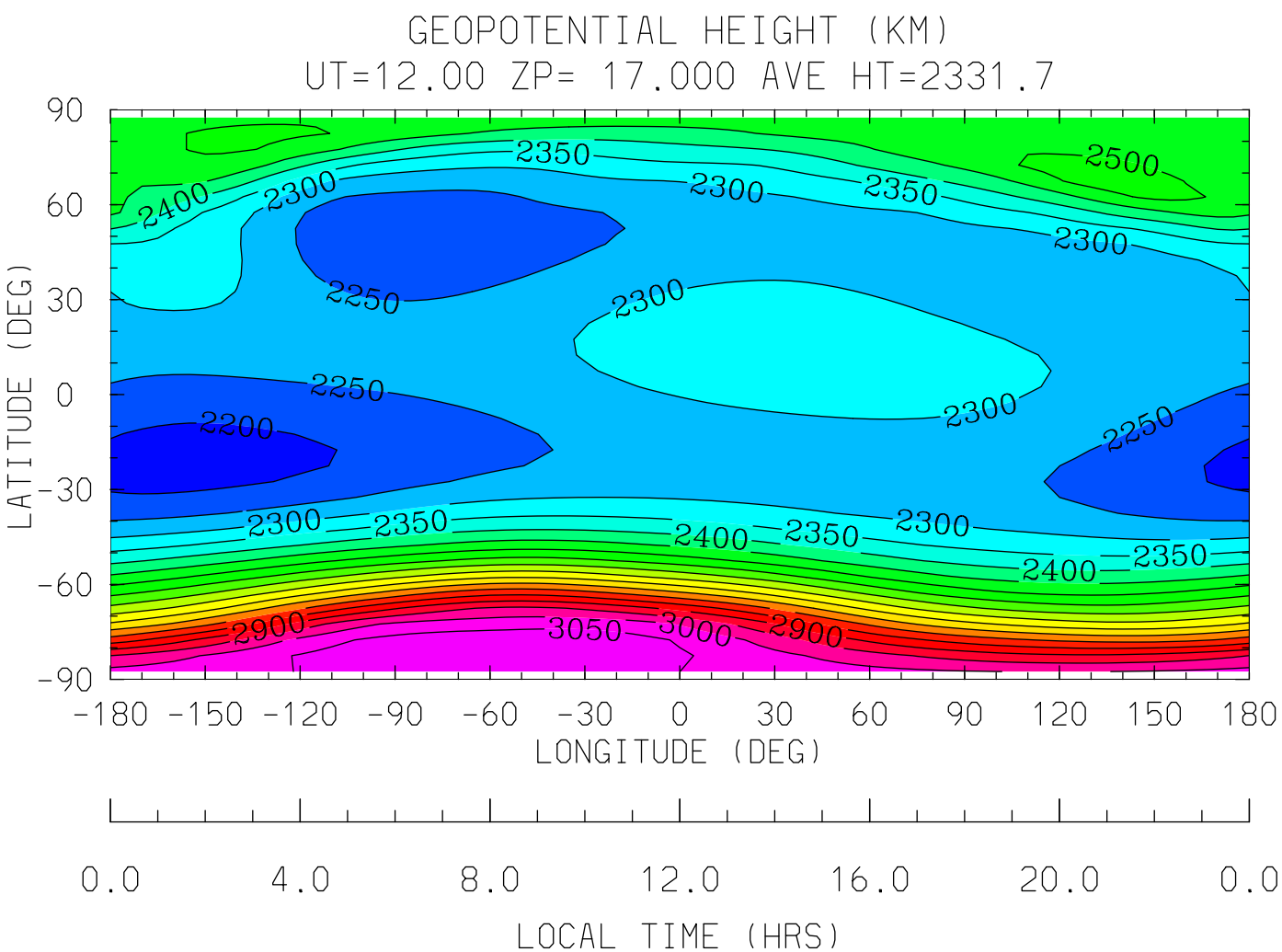

GEOPOTENTIAL HEIGHT (KM)
UT=12.00 ZP= 5.000 AVE HT= 498.0
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
0.0 4.0 8.0 12.0 16.0 20.0 0.0
LOCAL TIME (HRS)
MIN,MAX= 4.3751E+02 8.8619E+02 INTERVAL= 2.5000E+01
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 1.0546E+03 1.8037E+03 INTERVAL= 5.0000E+01

jtgcm15 (DAY,HR,MIN=212,12, 0)

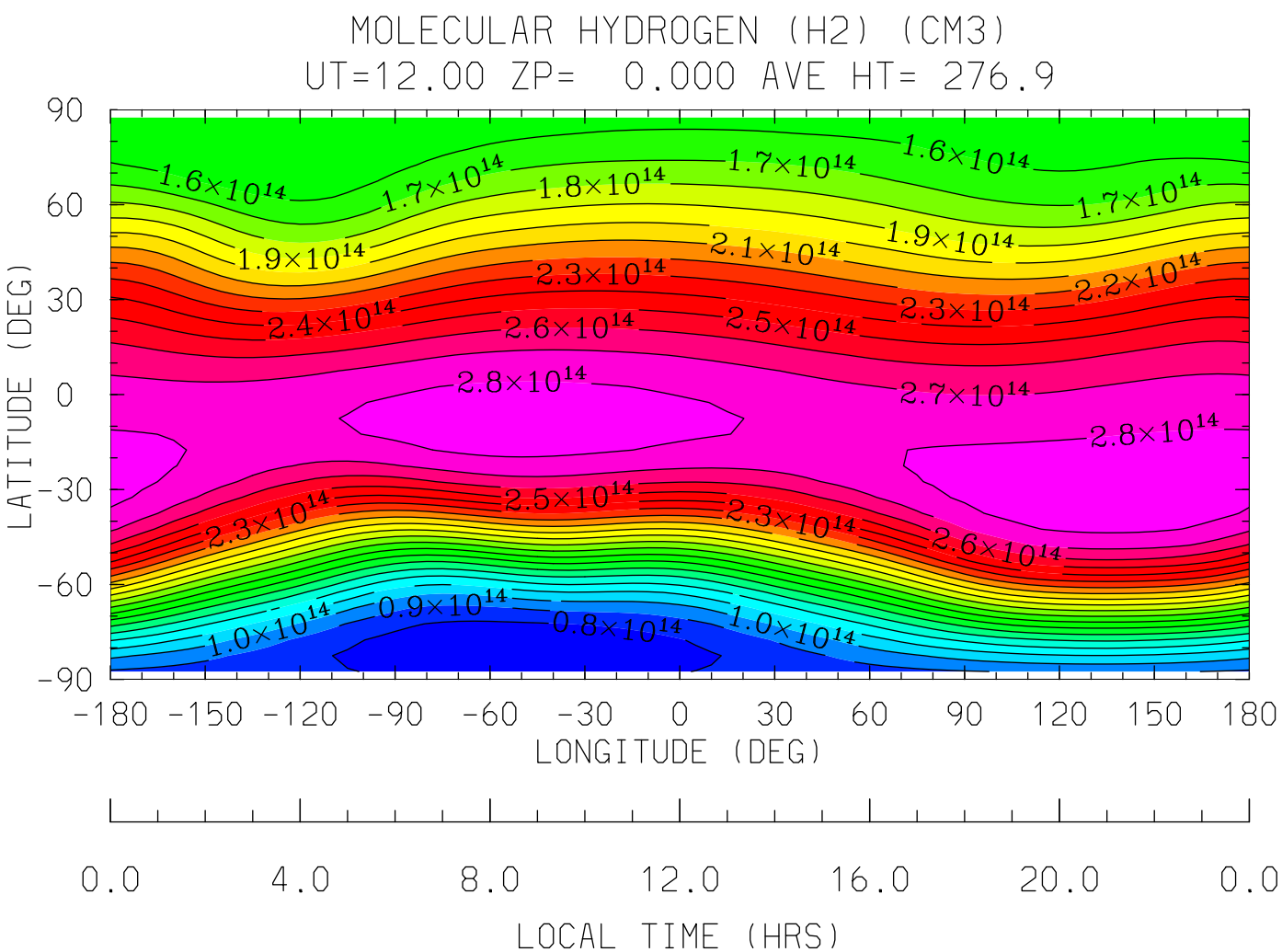
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 2.1787E+03 3.0979E+03 INTERVAL= 5.0000E+01

jtgcm15 (DAY,HR,MIN=212,12, 0)

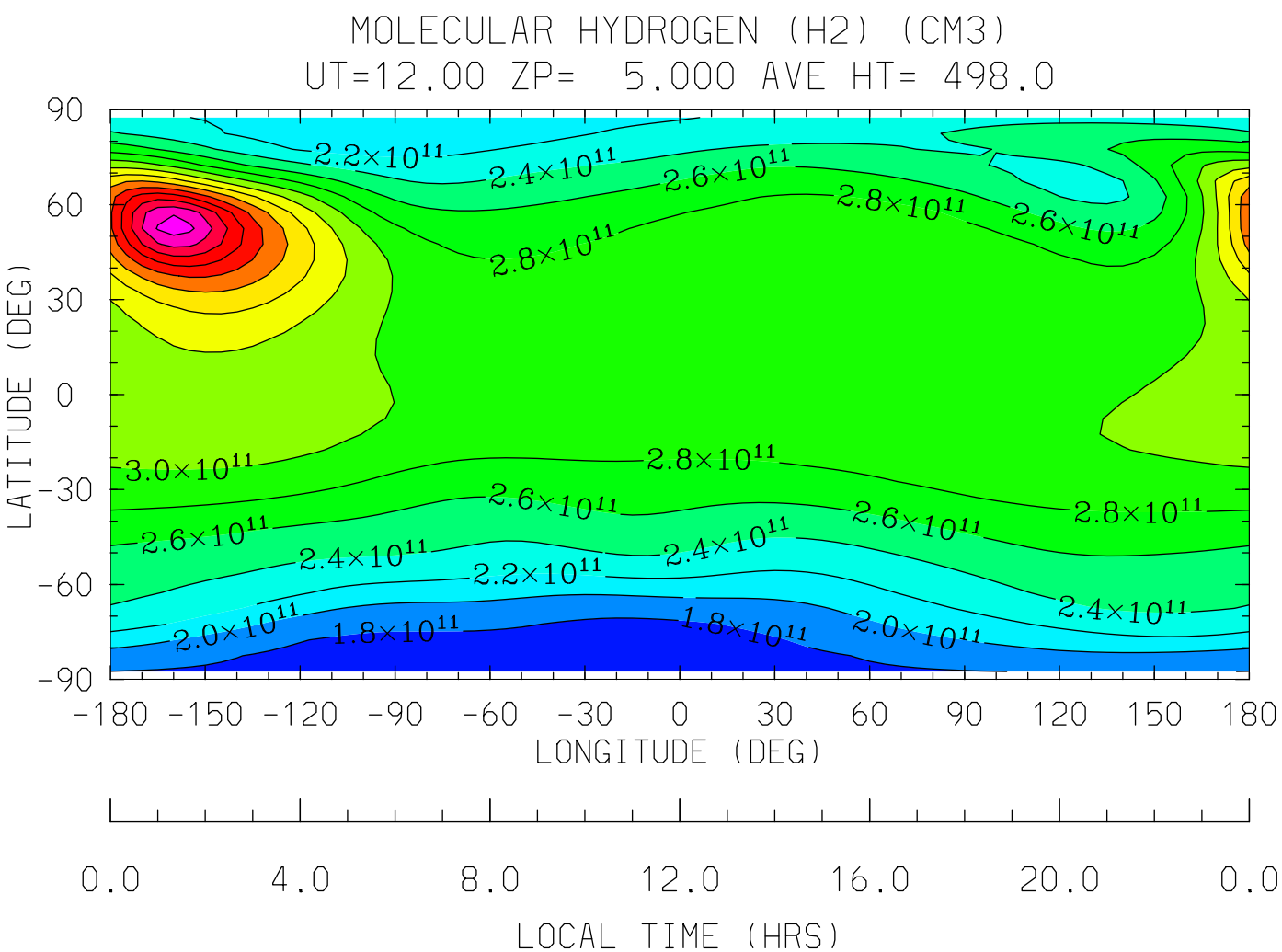
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 7.1885E+13 2.8626E+14 INTERVAL= 1.0000E+13

jtgcm15 (DAY,HR,MIN=212,12, 0)

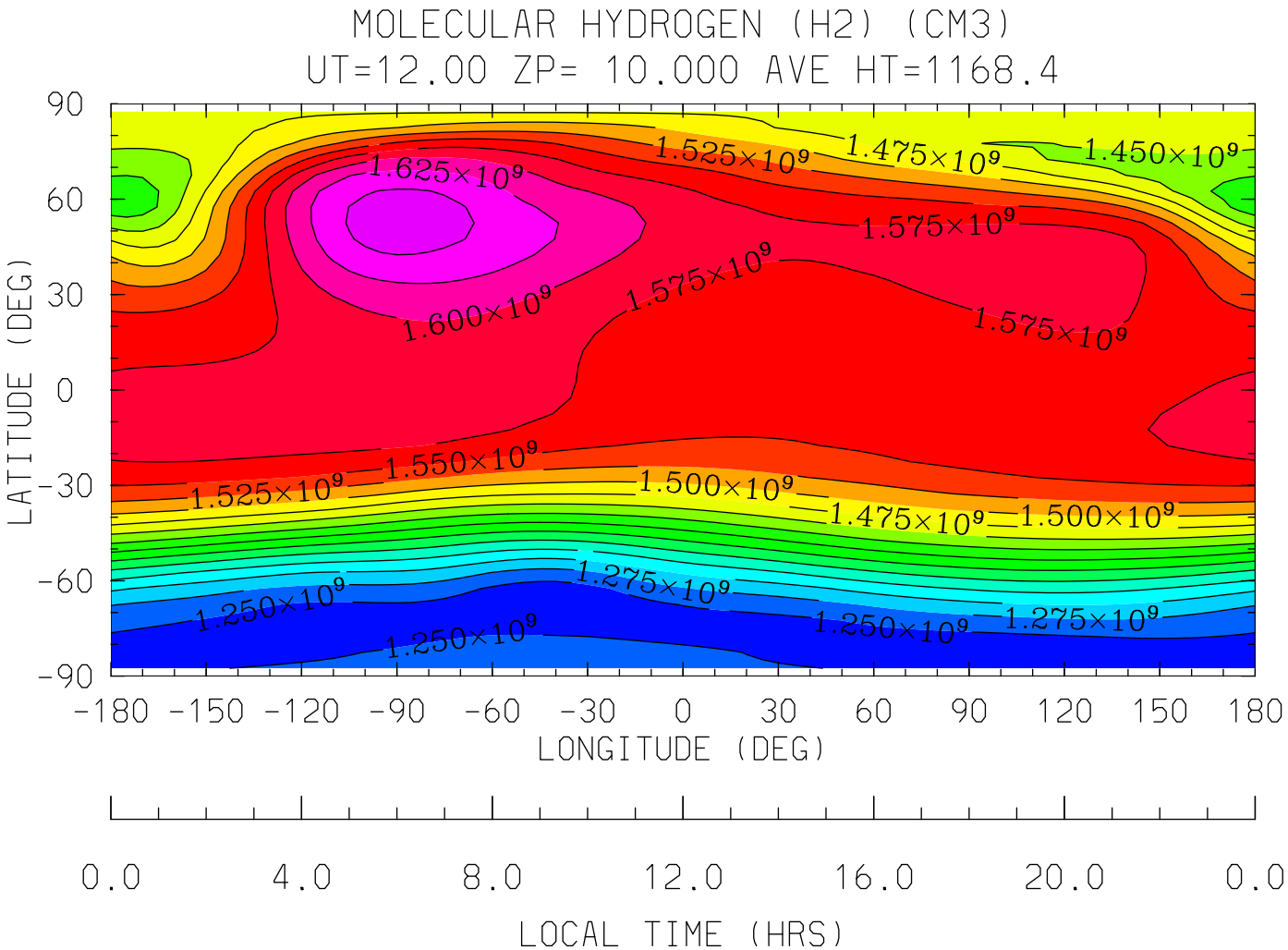
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 1.7033E+11 4.7029E+11 INTERVAL= 2.0000E+10

jtgcm15 (DAY,HR,MIN=212,12, 0)

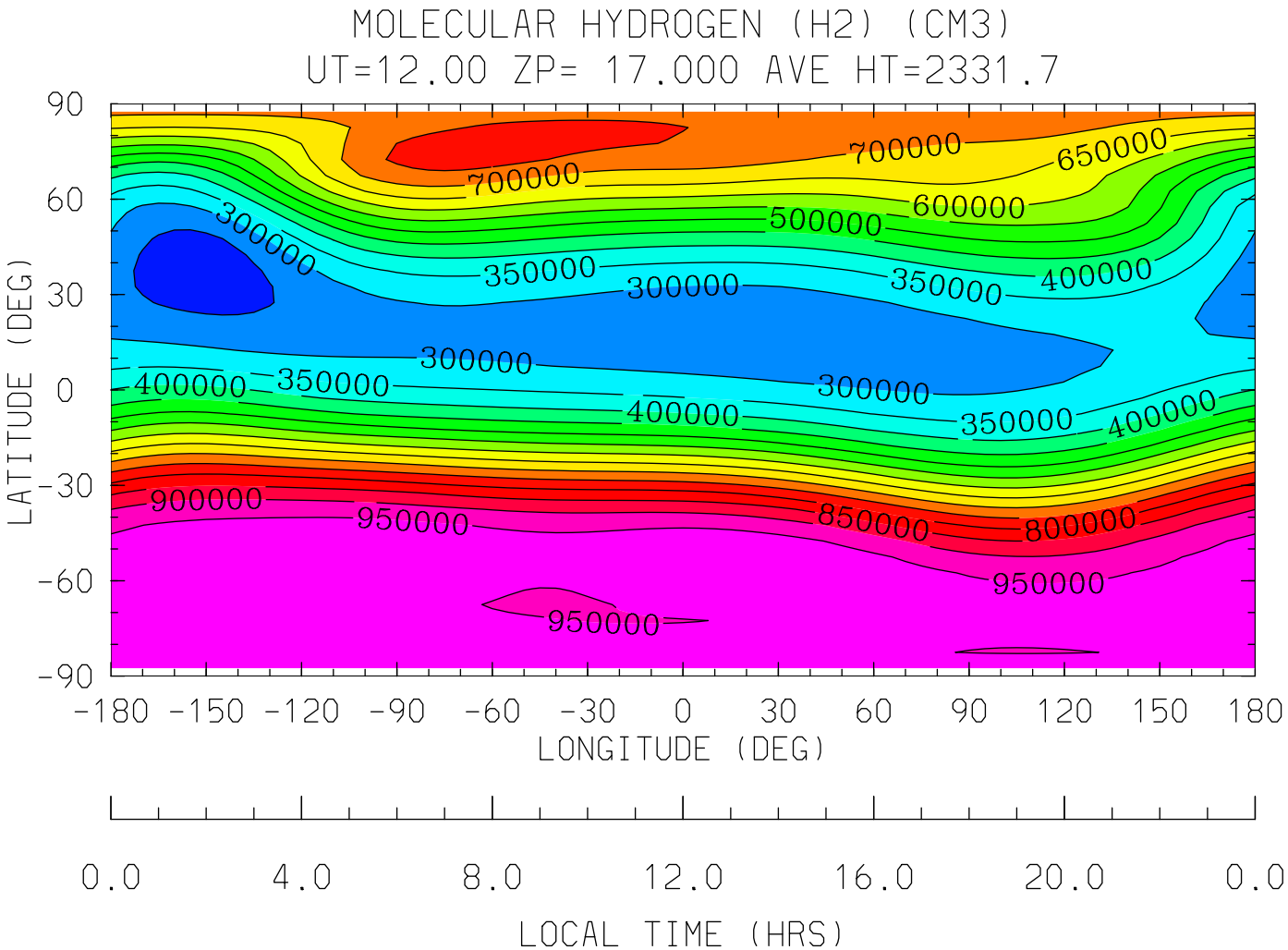
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 1.2250E+09 1.6659E+09 INTERVAL= 2.5000E+07

jtgcm15 (DAY,HR,MIN=212,12, 0)

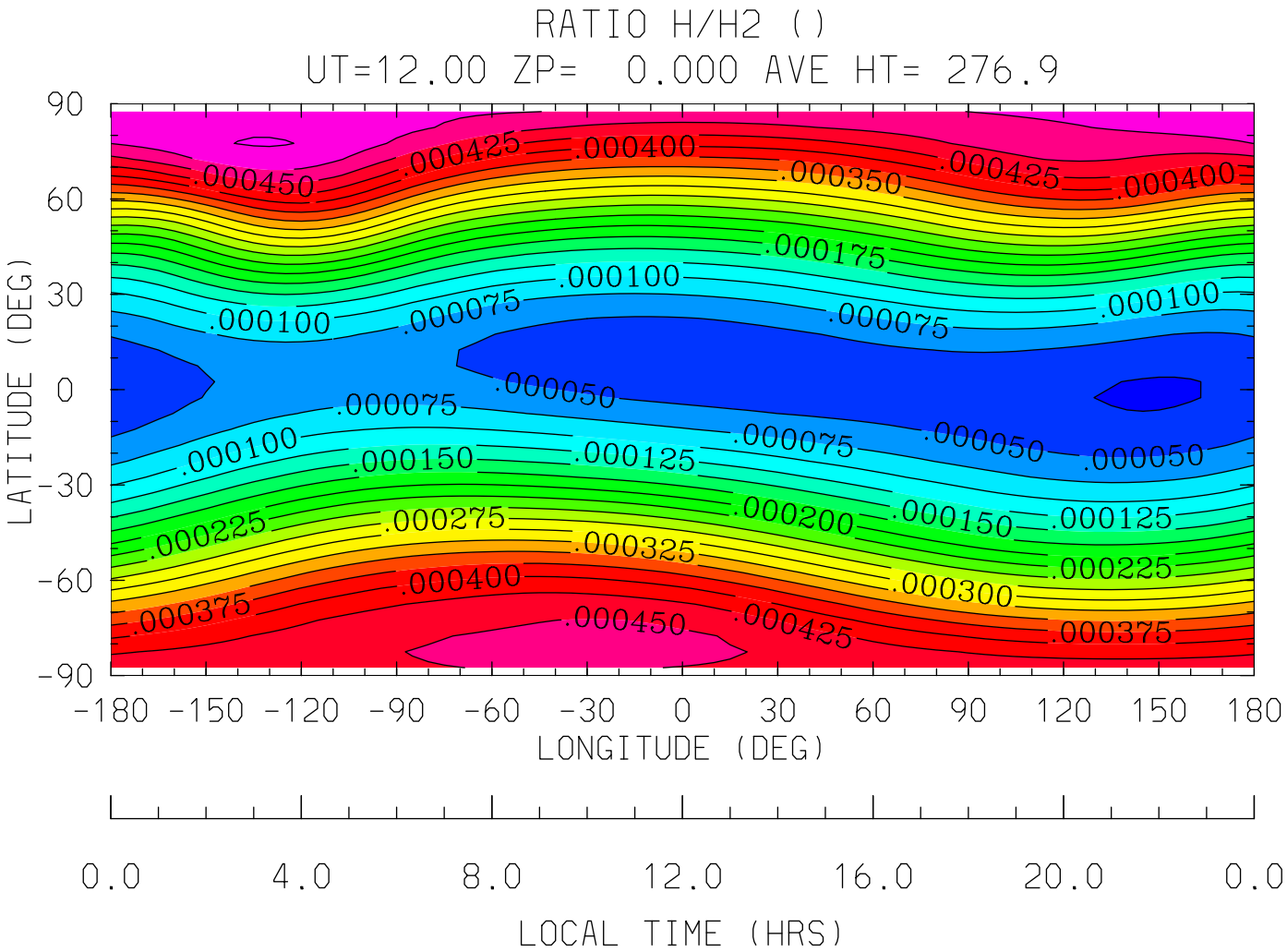
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 2.2191E+05 9.9709E+05 INTERVAL= 5.0000E+04

jtgcm15 (DAY,HR,MIN=212,12, 0)

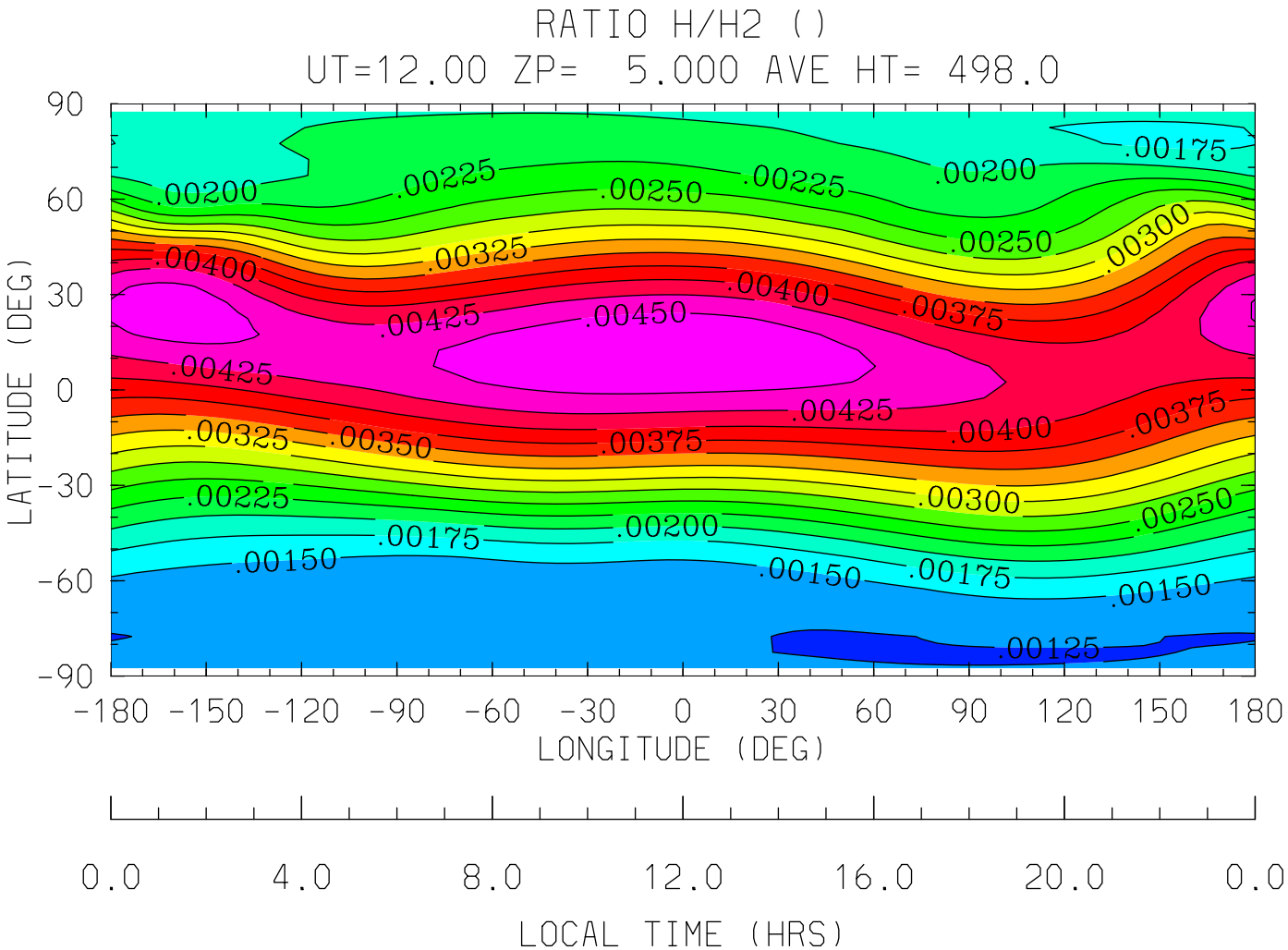
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 2.2780E-05 5.0169E-04 INTERVAL= 2.5000E-05

jtgcm15 (DAY,HR,MIN=212,12, 0)

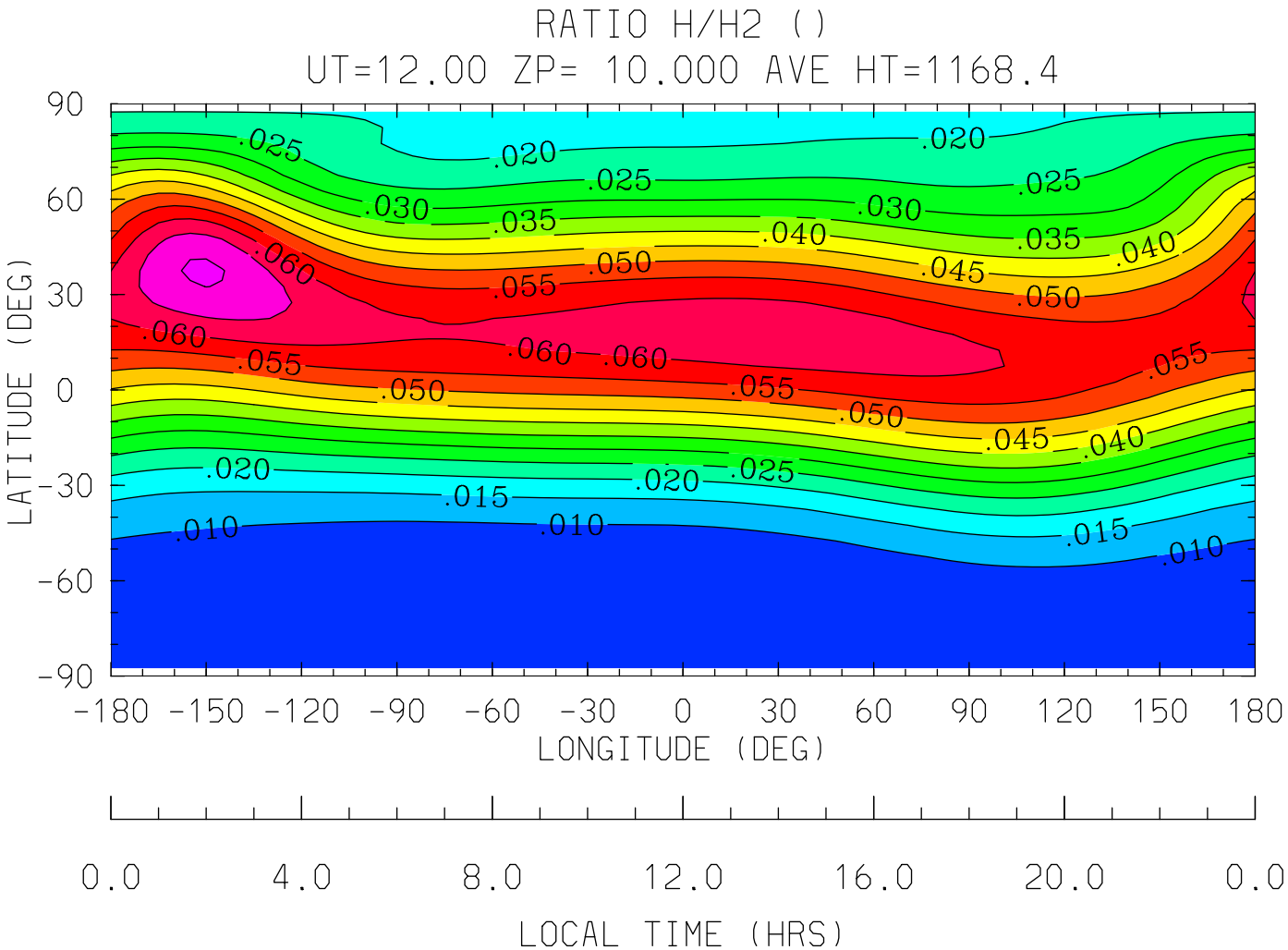
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 1.2446E-03 4.7454E-03 INTERVAL= 2.5000E-04

jtgcm15 (DAY,HR,MIN=212,12, 0)

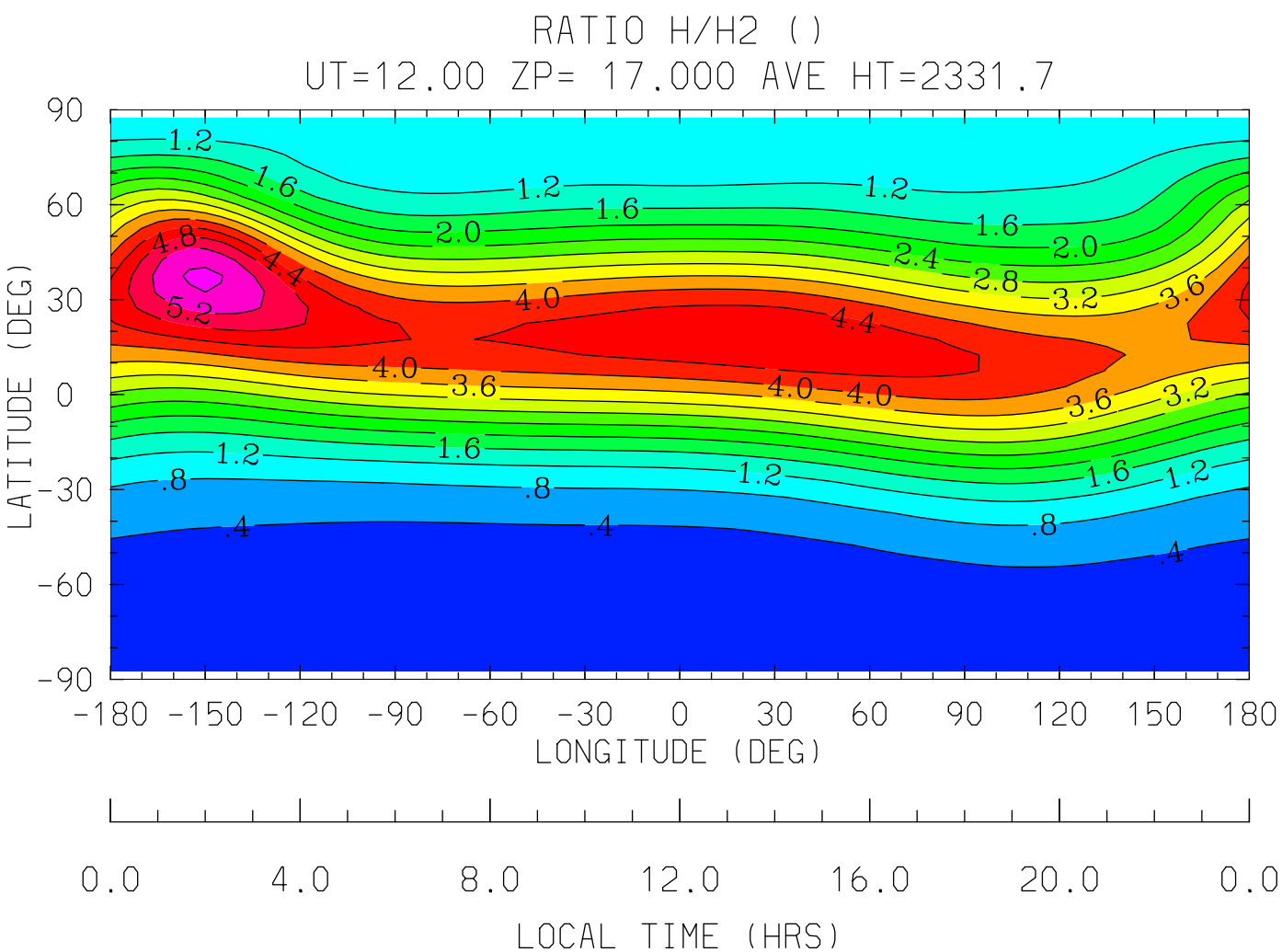
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 4.9538E-03 7.0794E-02 INTERVAL= 5.0000E-03

jtgcm15 (DAY,HR,MIN=212,12, 0)

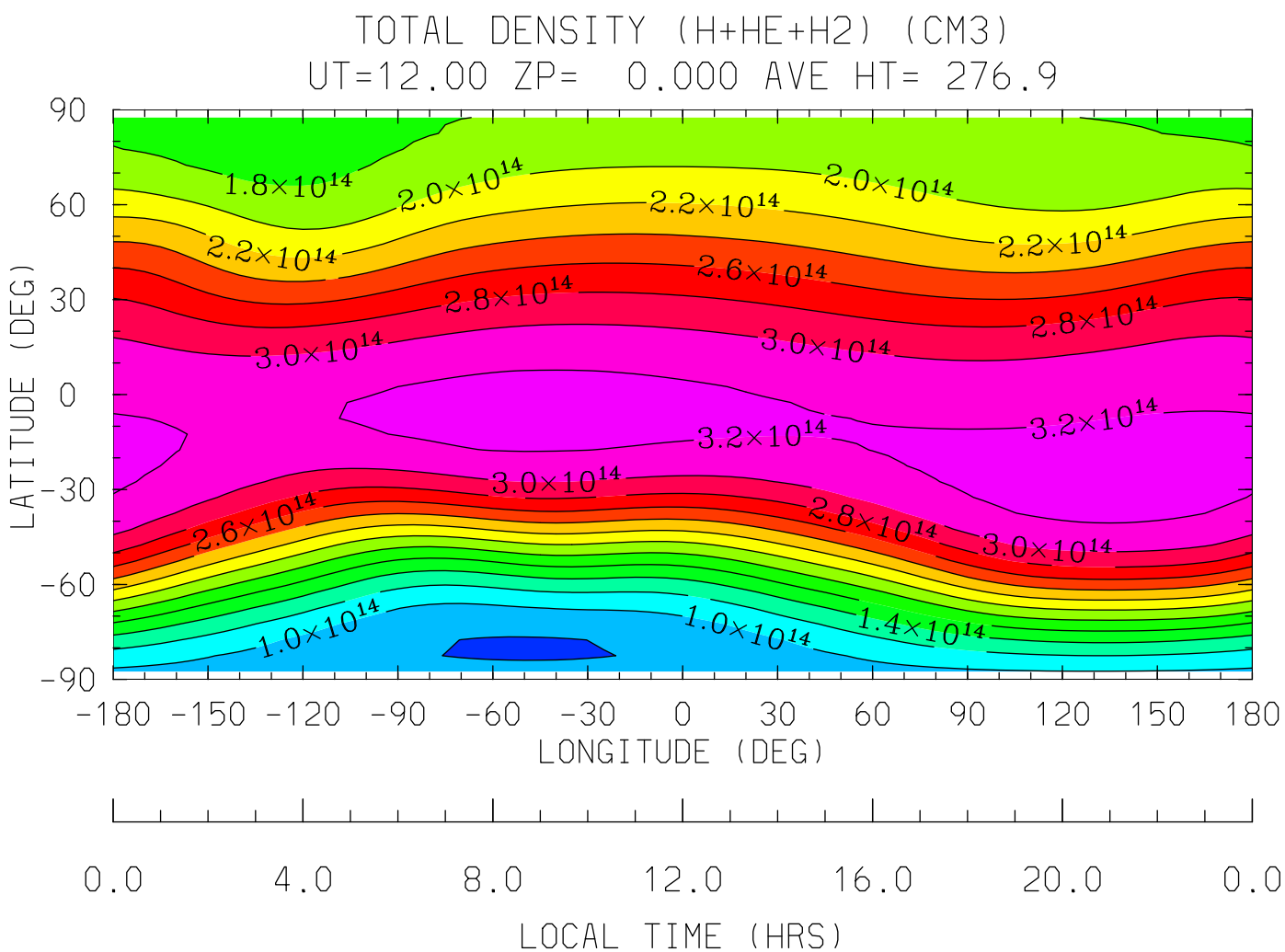
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 1.7319E-01 5.6878E+00 INTERVAL= 4.0000E-01

jtgcm15 (DAY,HR,MIN=212,12, 0)

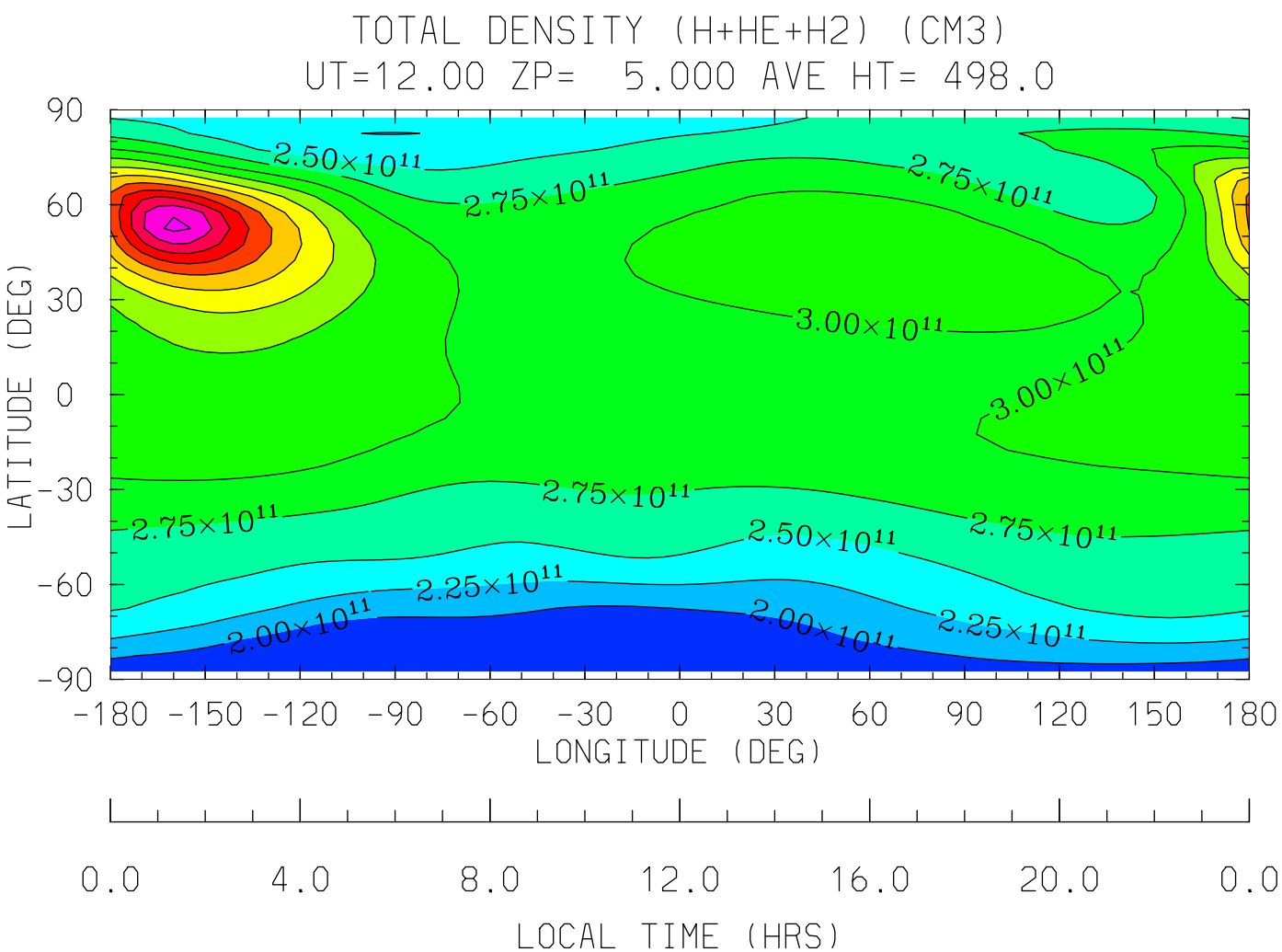
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 7.8170E+13 3.2597E+14 INTERVAL= 2.0000E+13

jtgcm15 (DAY,HR,MIN=212,12, 0)

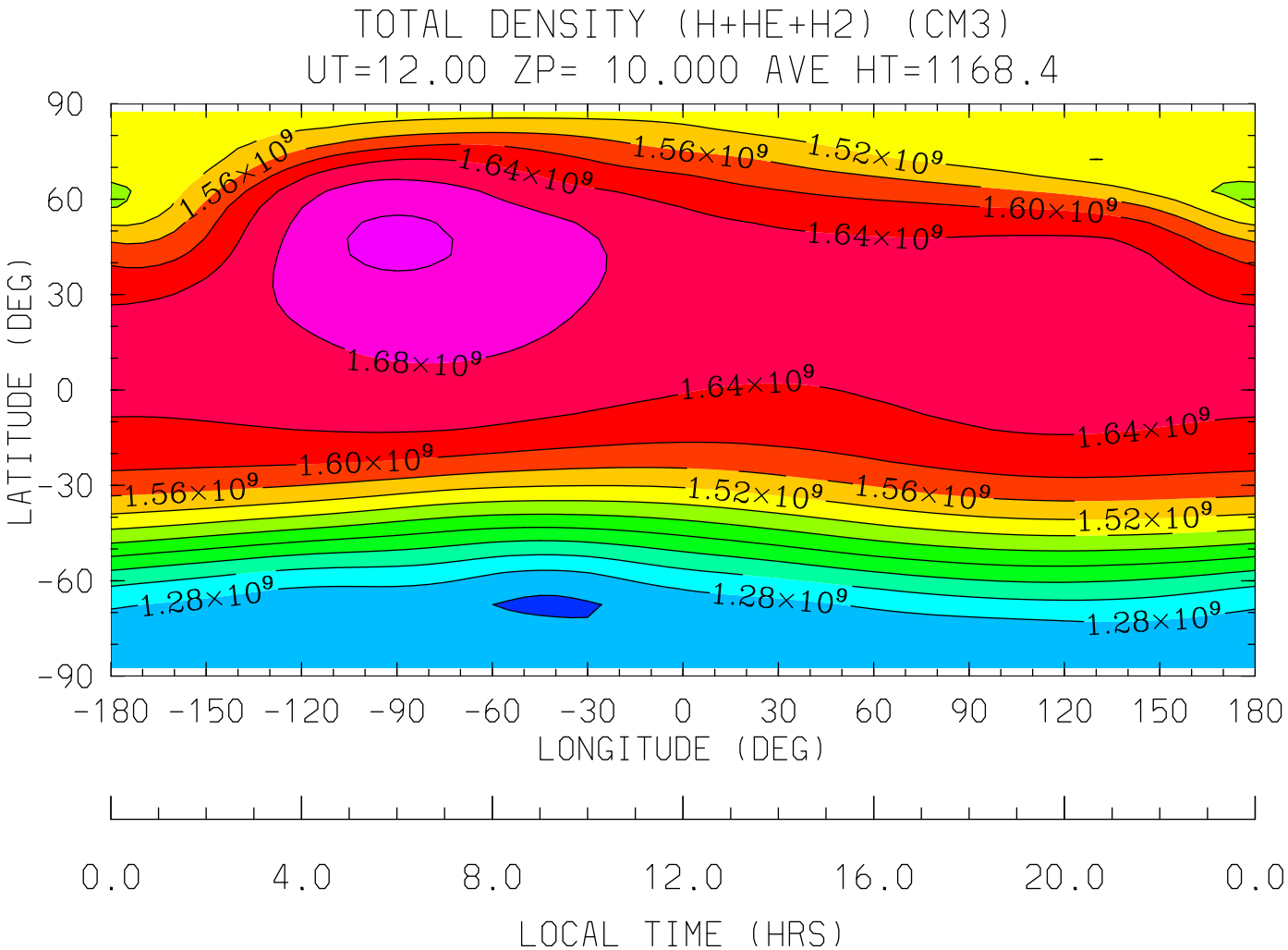
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 1.8056E+11 5.0603E+11 INTERVAL= 2.5000E+10

jtgcm15 (DAY,HR,MIN=212,12, 0)

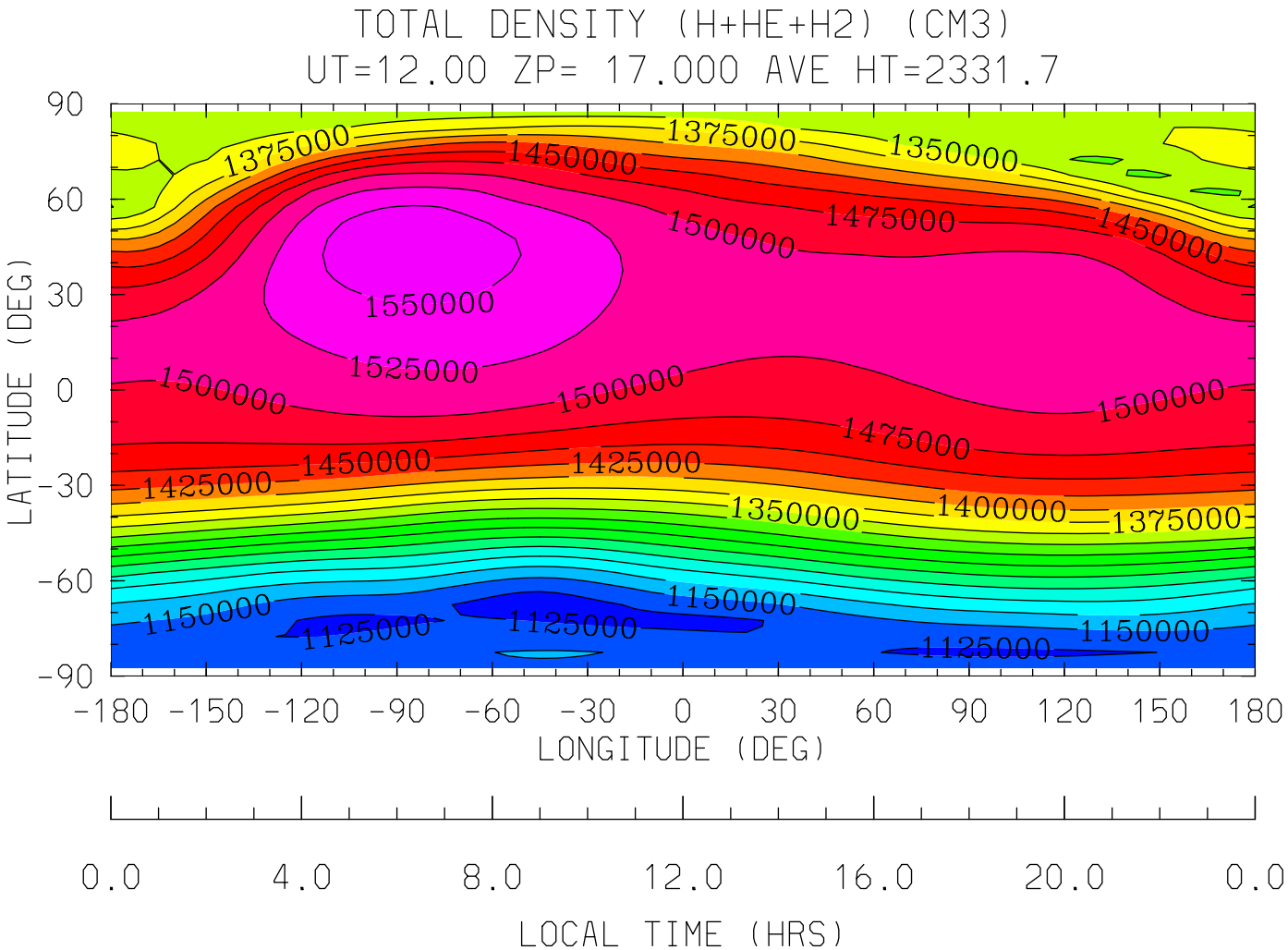
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 1.2329E+09 1.7295E+09 INTERVAL= 4.0000E+07

jtgcm15 (DAY,HR,MIN=212,12, 0)

BOUGHER.jtgcm15.T83_j15p.nc

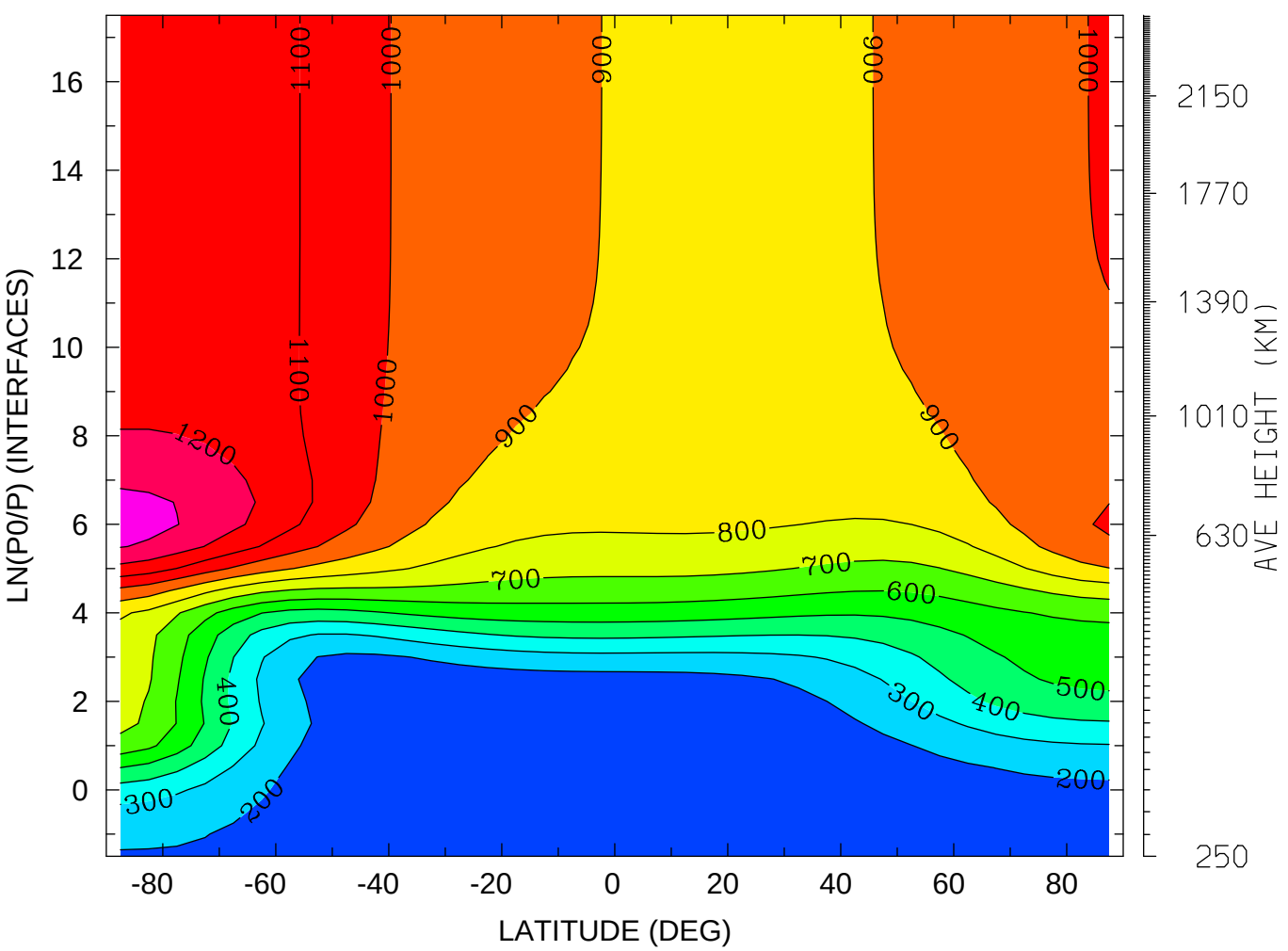


MIN,MAX= 1.1114E+06 1.5691E+06 INTERVAL= 2.5000E+04

jtgcm15 (DAY,HR,MIN=212,12, 0)

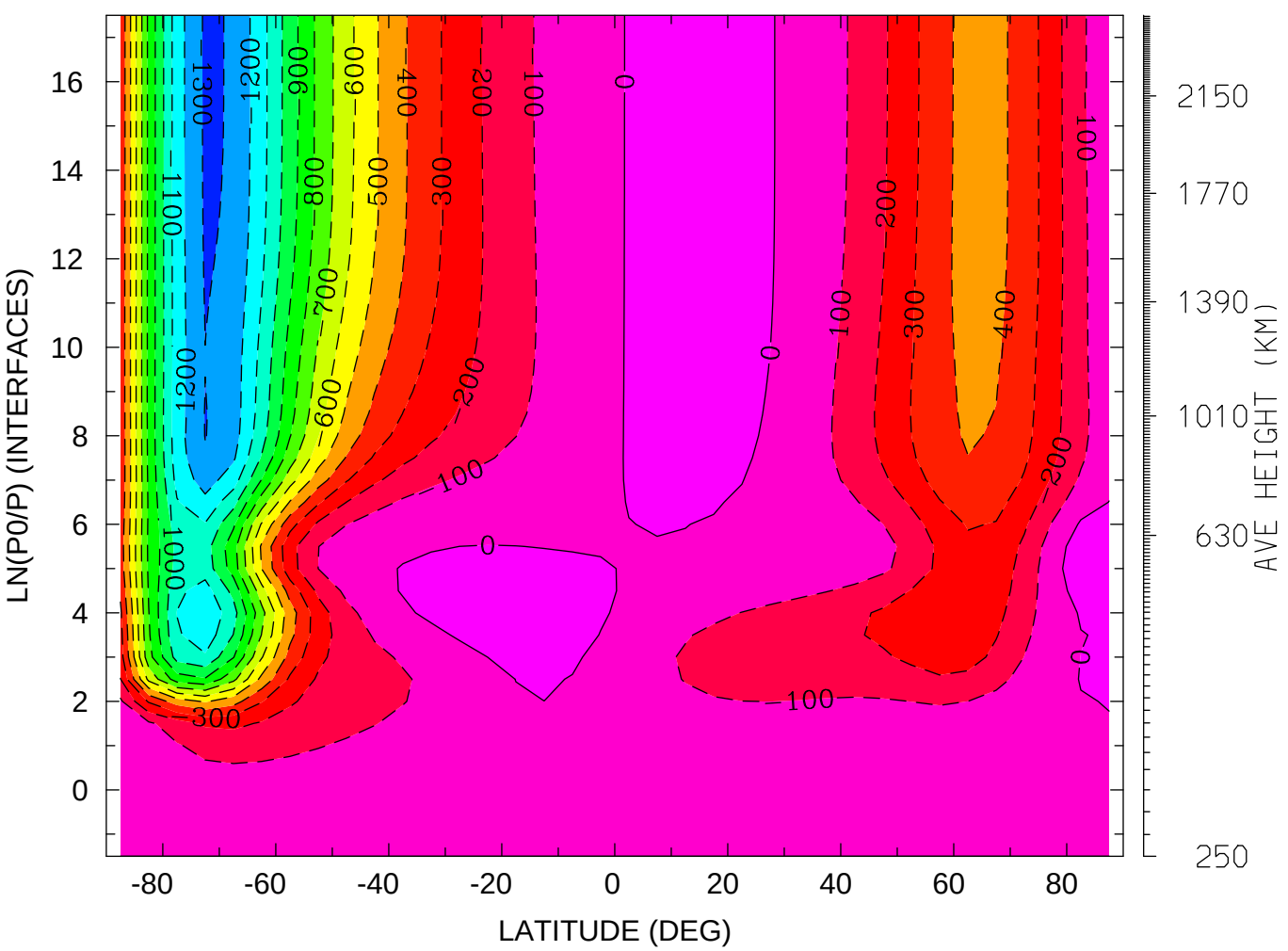
BOUGHER.jtgcm15.T83_j15p.nc

NEUTRAL TEMPERATURE (DEG K)
YEAR 1999 UT=12.00 ZONAL MEANS



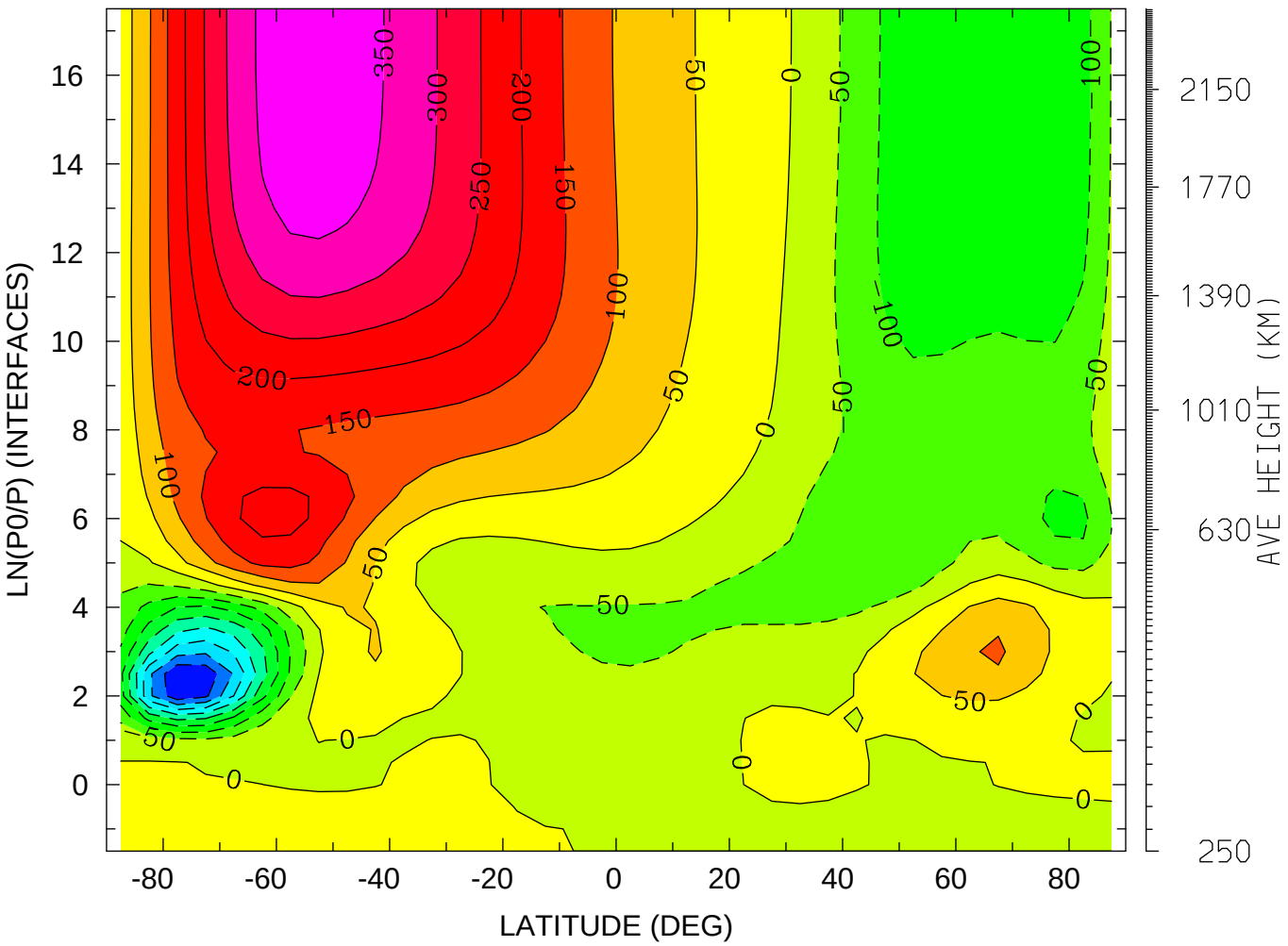
MIN,MAX= 1.0001E+02 1.3464E+03 INTERVAL= 1.0000E+02
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc

NEUTRAL ZONAL WIND (M/S)
YEAR 1999 UT=12.00 ZONAL MEANS

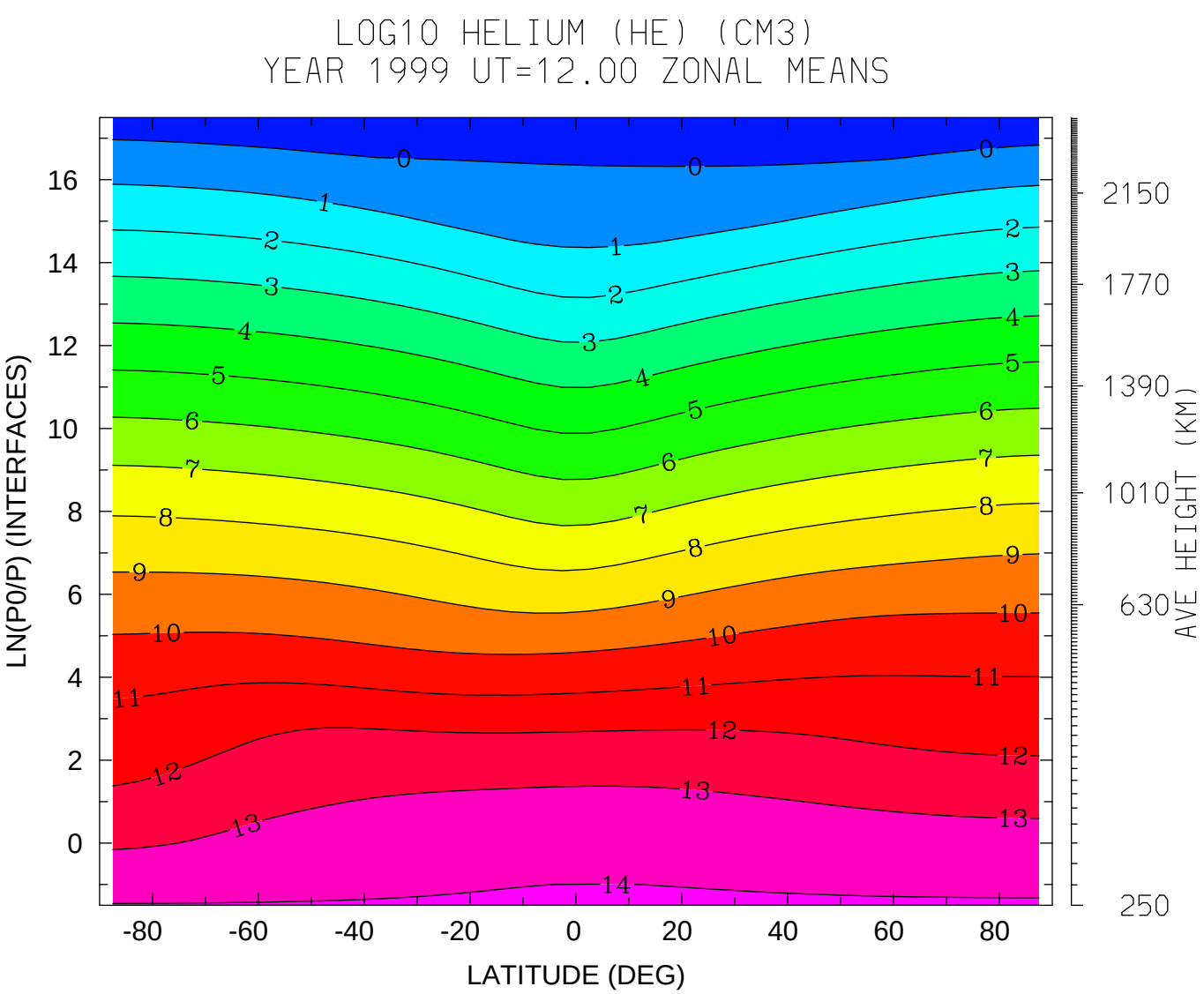


MIN,MAX= -1.3152E+03 6.2941E+01 INTERVAL= 1.0000E+02
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc

NEUTRAL MERIDIONAL WIND (M/S)
YEAR 1999 UT=12.00 ZONAL MEANS



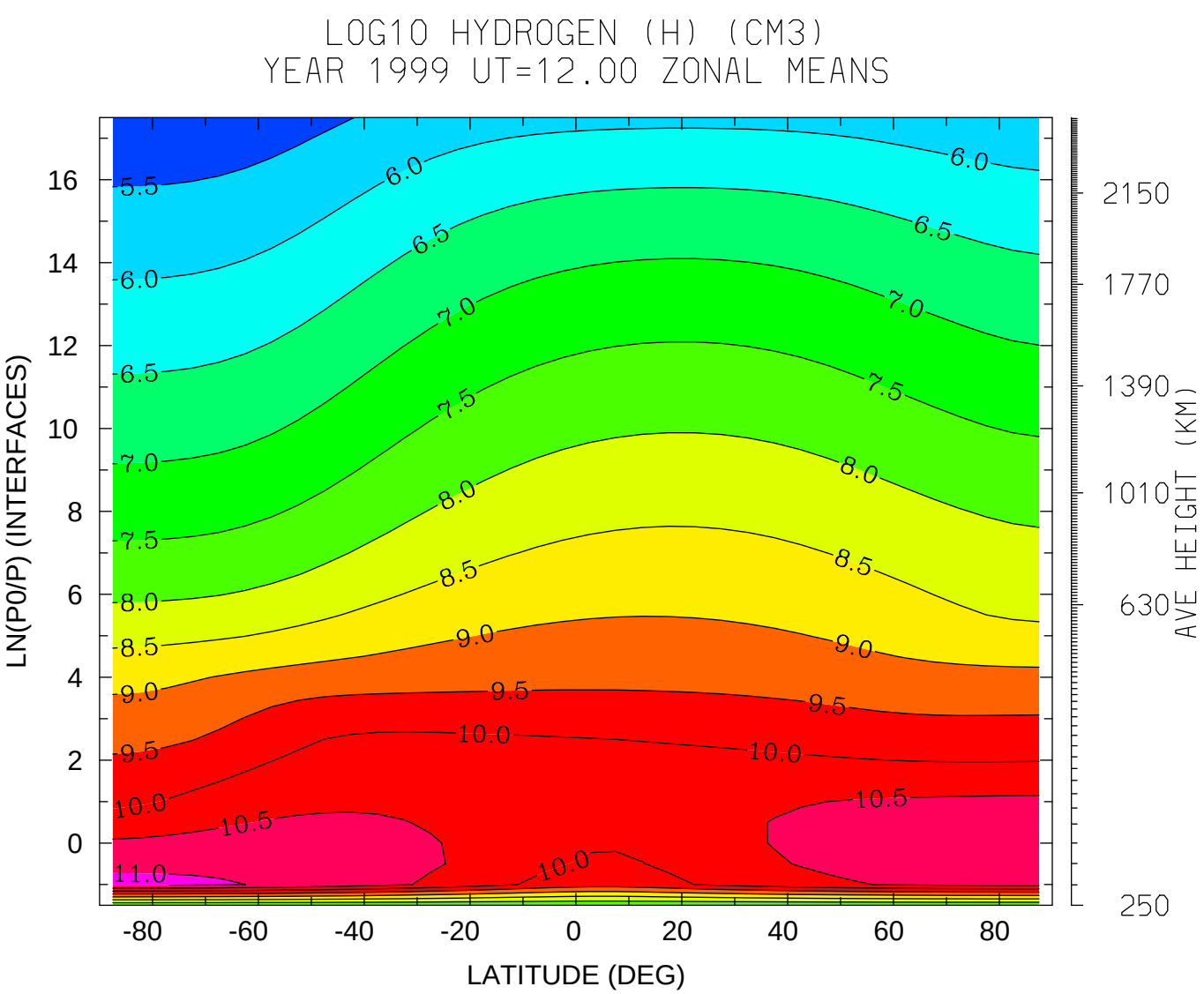
MIN,MAX= -4.4971E+02 3.8749E+02 INTERVAL= 5.0000E+01
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= -5.7577E-01 1.4052E+01 INTERVAL= 1.0000E+00

jtgcm15 (DAY,HR,MIN=212,12, 0)

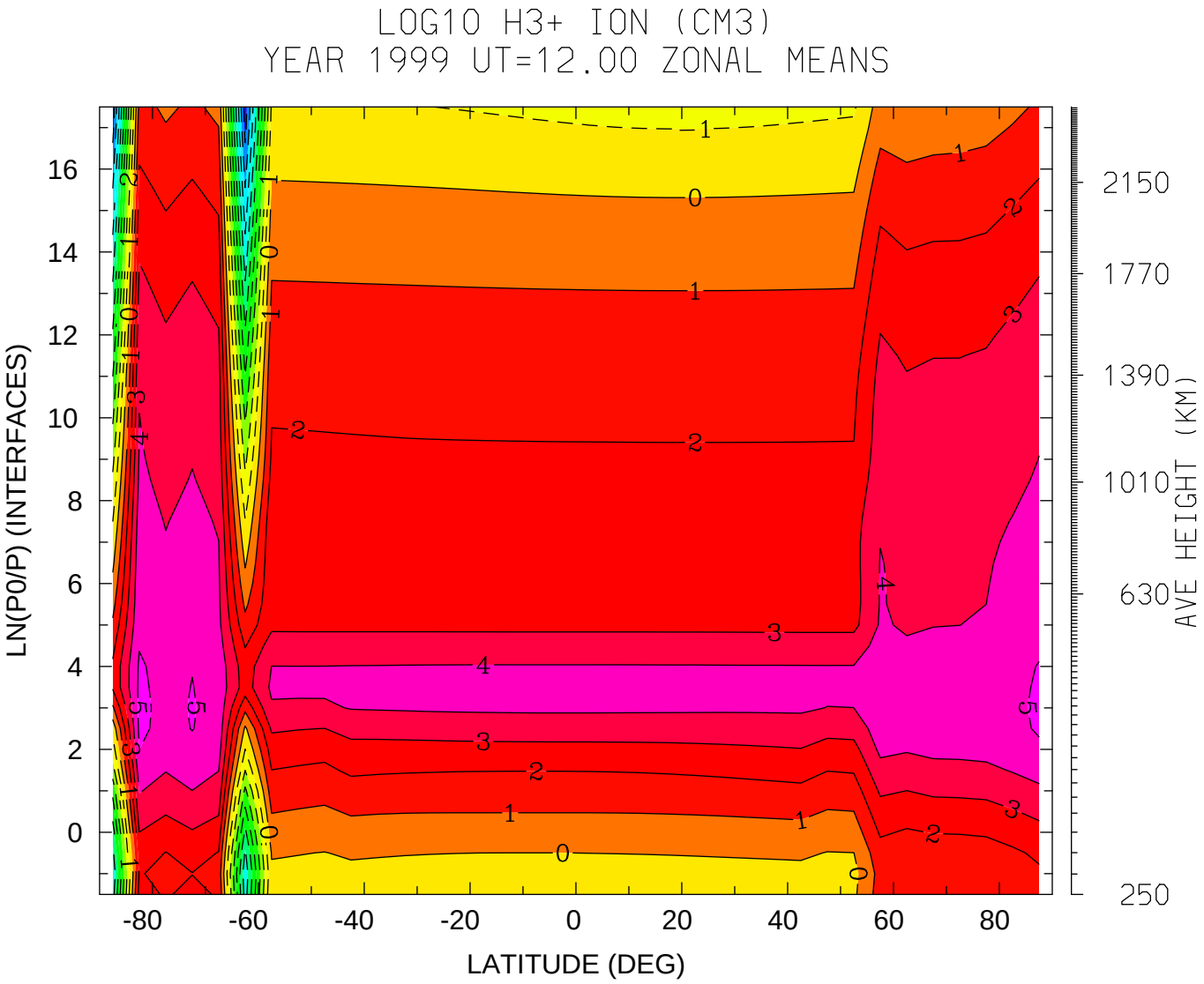
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 5.1118E+00 1.1142E+01 INTERVAL= 5.0000E-01

jtgcm15 (DAY,HR,MIN=212,12, 0)

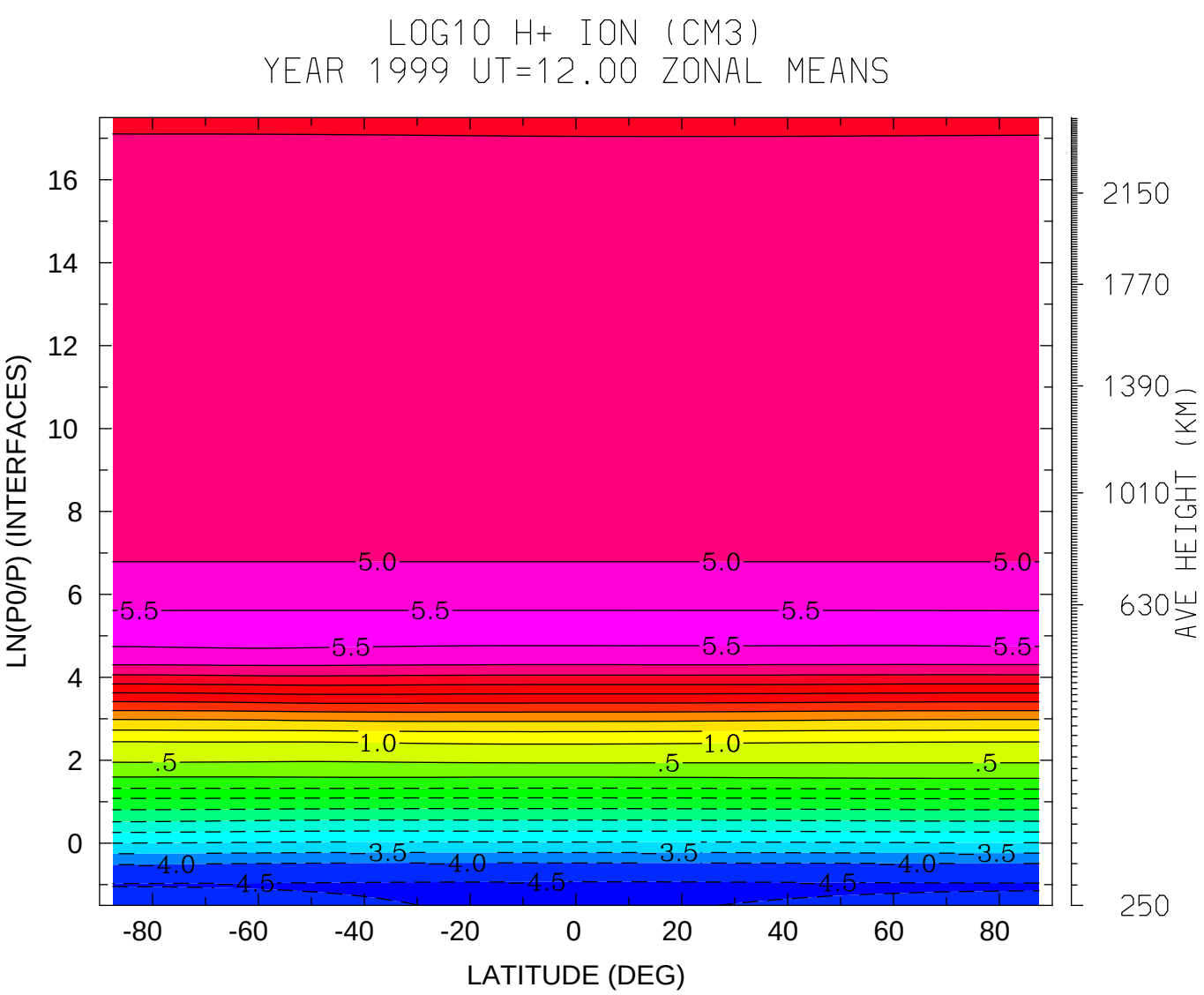
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= -9.5714E+00 5.2335E+00 INTERVAL= 1.0000E+00

jtgcm15 (DAY,HR,MIN=212,12, 0)

BOUGHER.jtgcm15.T83_j15p.nc

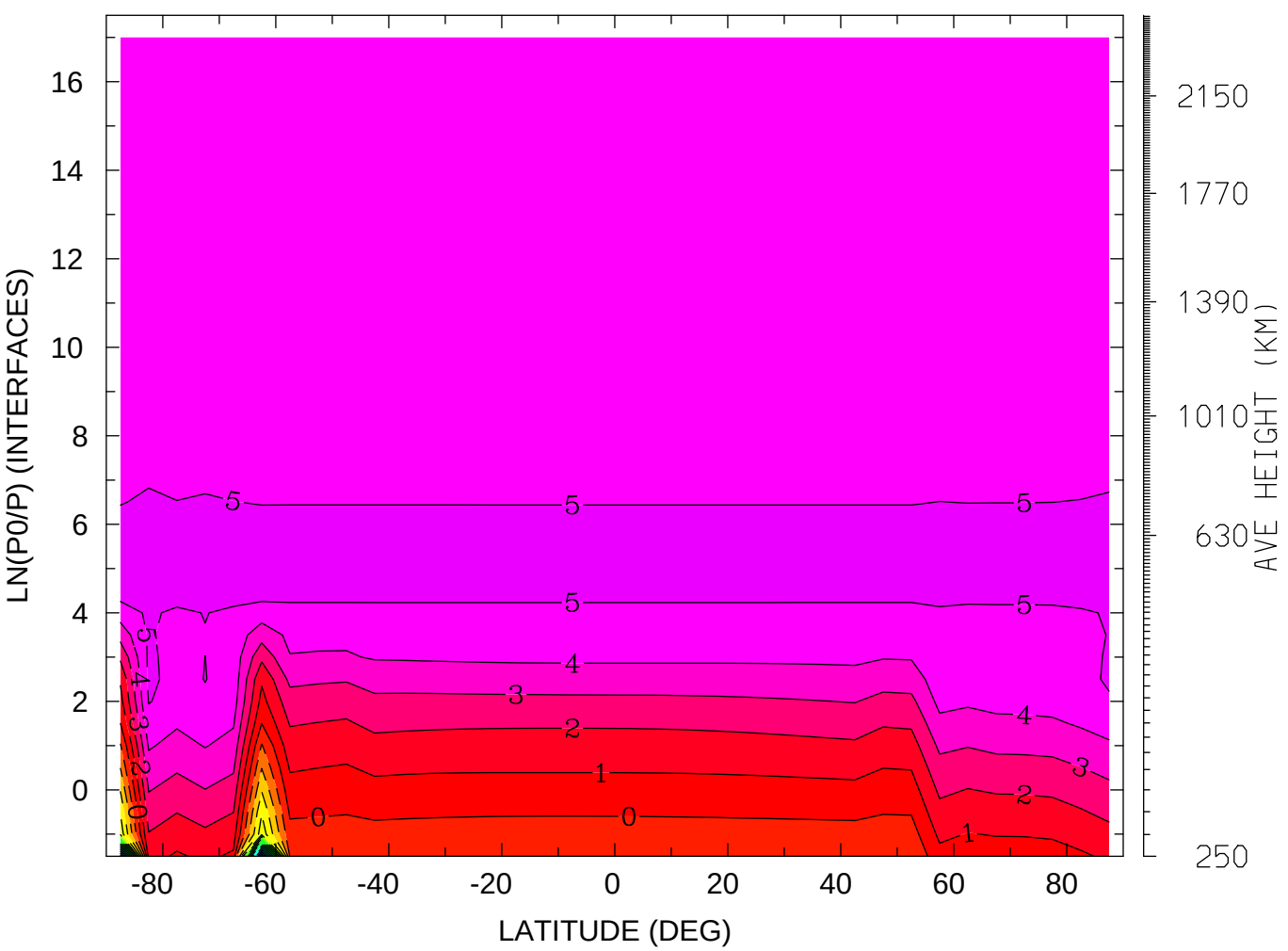


MIN,MAX= -4.5711E+00 5.6048E+00 INTERVAL= 5.0000E-01

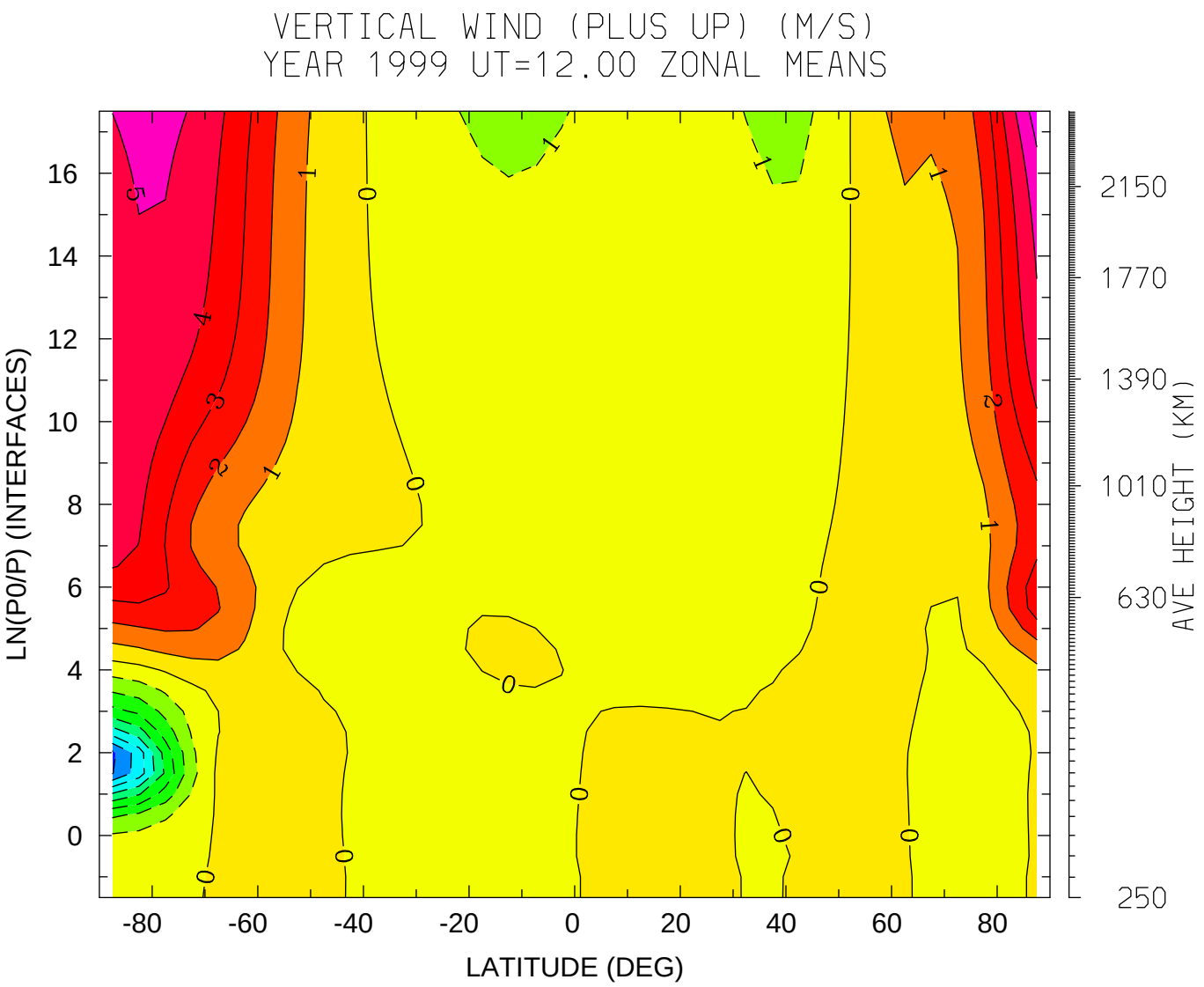
jtgcm15 (DAY,HR,MIN=212,12, 0)

BOUGHER.jtgcm15.T83_j15p.nc

LOG10 ELECTRON DENSITY (CM3)
YEAR 1999 UT=12.00 ZONAL MEANS



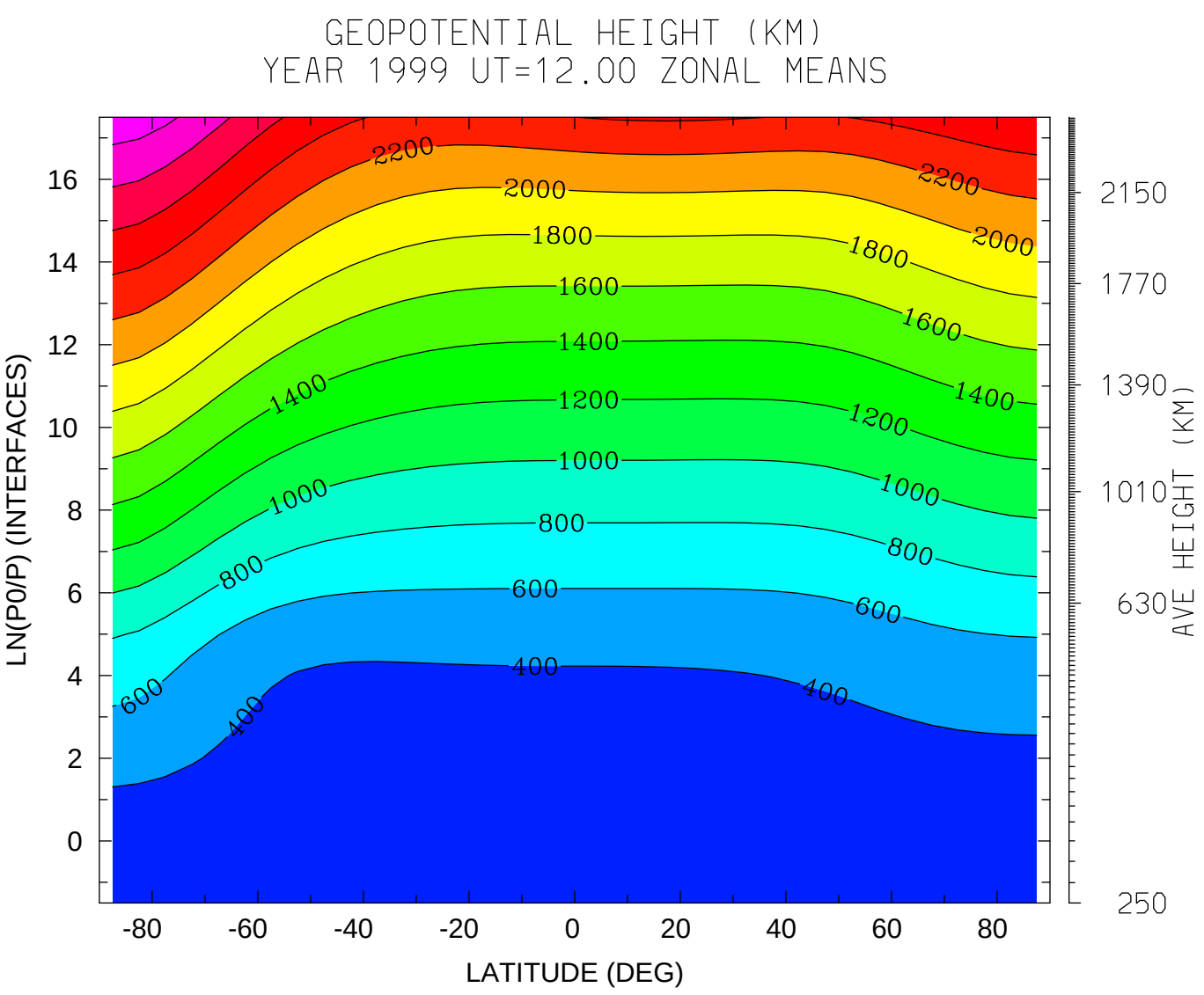
MIN,MAX= -1.6460E+01 5.6150E+00 INTERVAL= 1.0000E+00
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



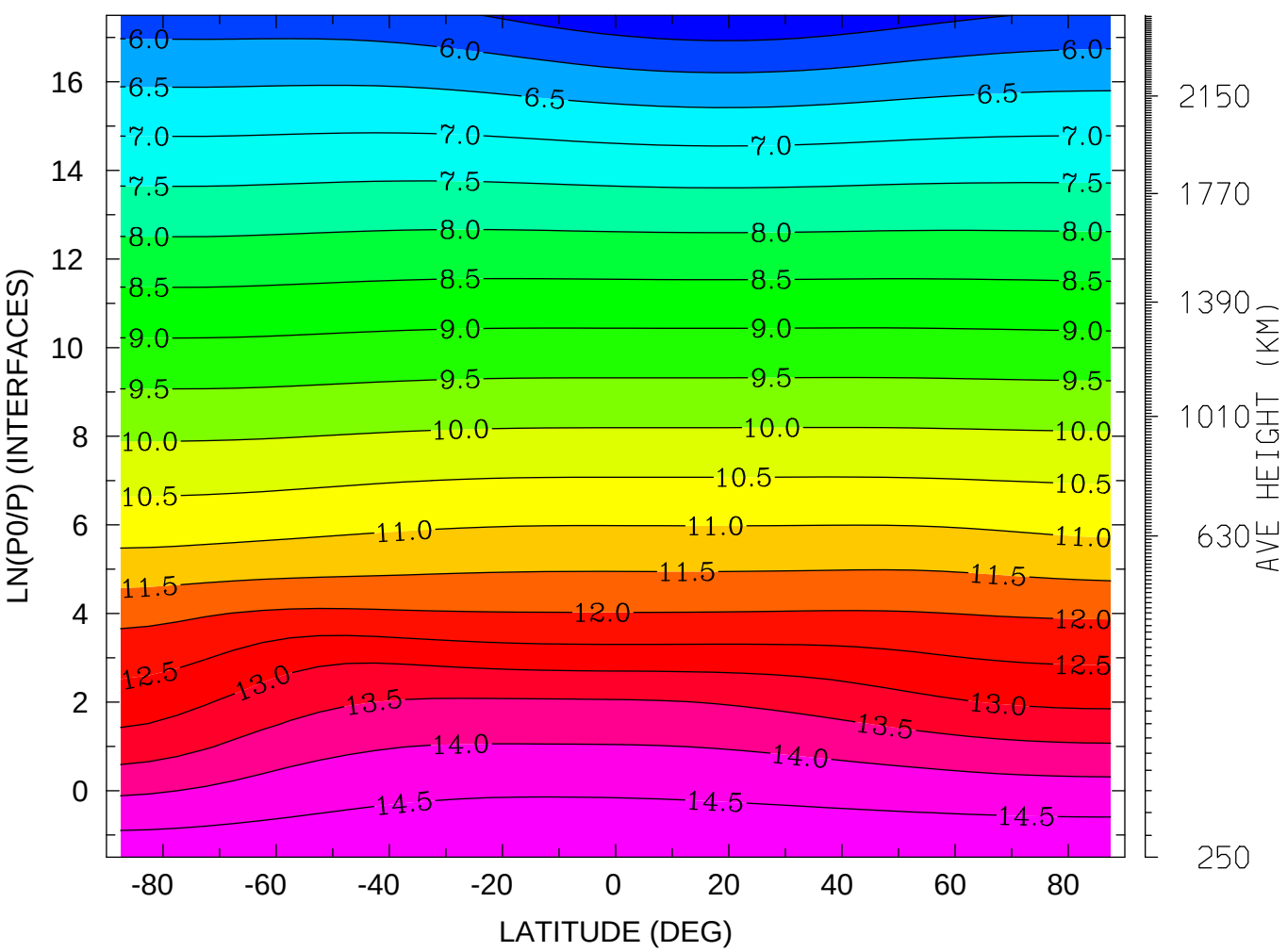
MIN,MAX= -8.2041E+00 6.5531E+00 INTERVAL= 1.0000E+00

jtgcm15 (DAY,HR,MIN=212,12, 0)

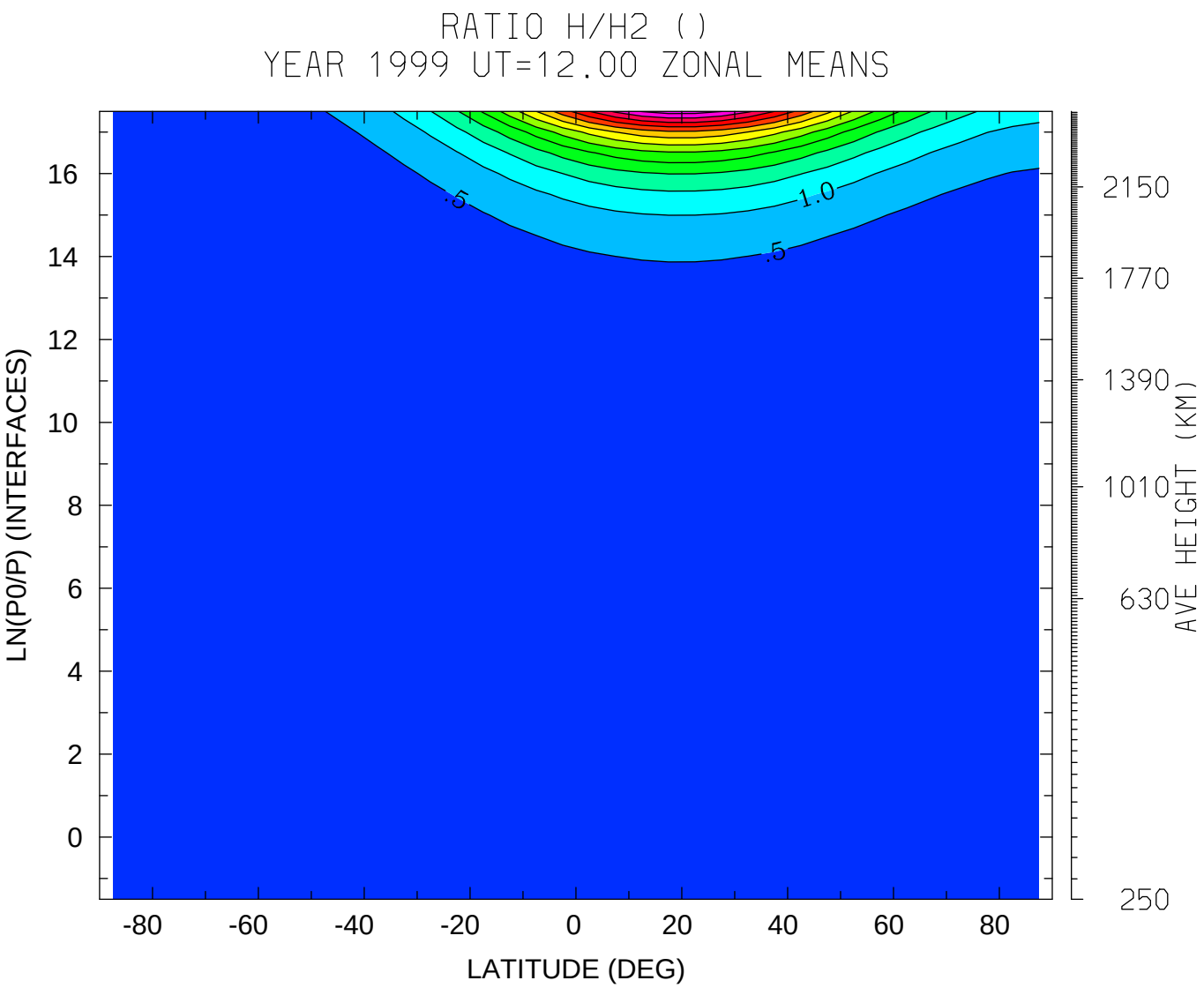
BOUGHER.jtgcm15.T83_j15p.nc


GEOPOTENTIAL HEIGHT (KM)
YEAR 1999 UT=12.00 ZONAL MEANS
LN(P0/P) (INTERFACES)
AVE HEIGHT (KM)
LATITUDE (DEG)
2200
2000
1800
1600
1400
1200
1000
800
600
400
2150
1770
1390
1010
630
250
MIN,MAX= 2.5000E+02 3.1349E+03 INTERVAL= 2.0000E+02
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc

LOG10 MOLECULAR HYDROGEN (H2) (CM3)
YEAR 1999 UT=12.00 ZONAL MEANS



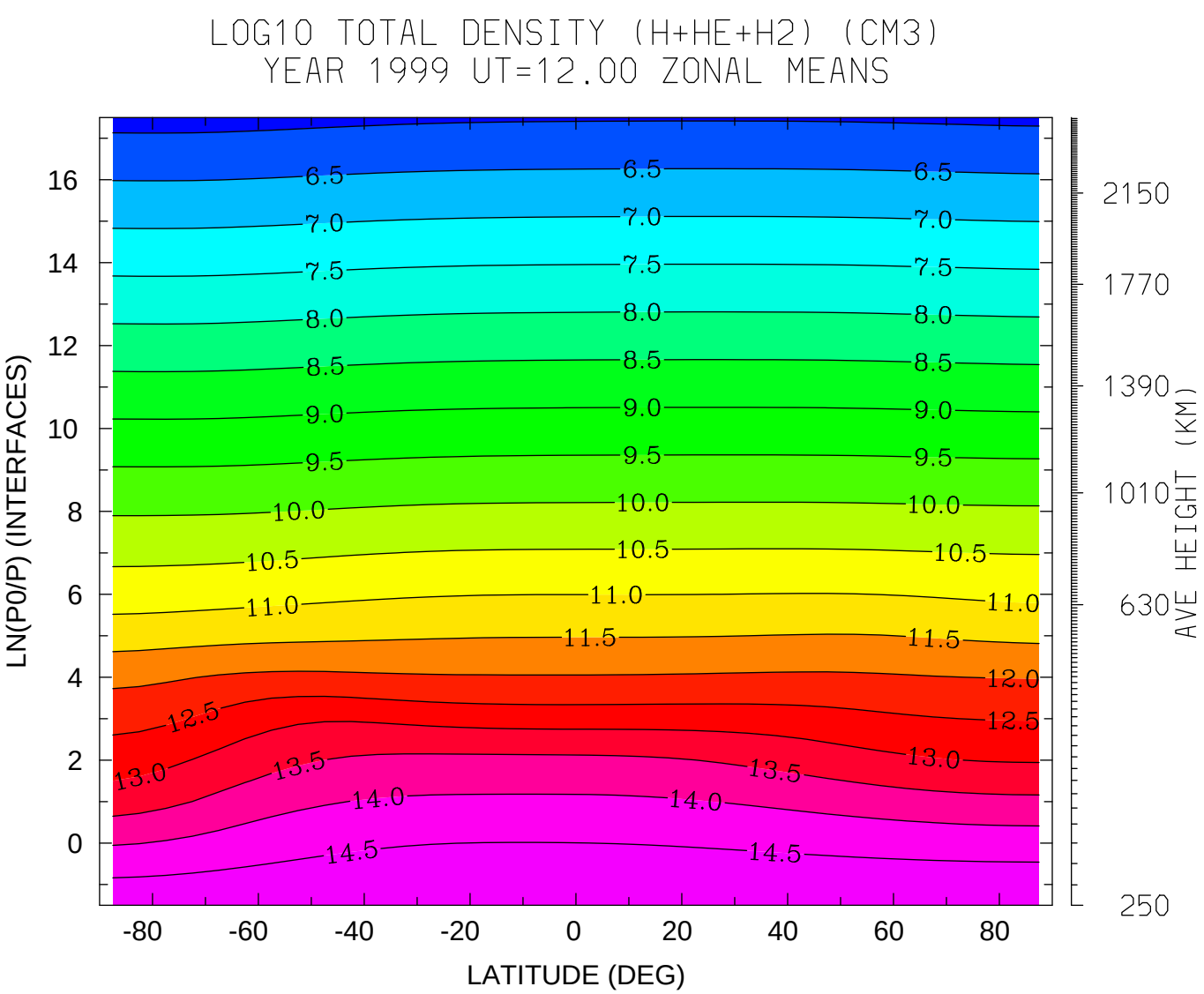
MIN,MAX= 5.0757E+00 1.4817E+01 INTERVAL= 5.0000E-01
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 5.3790E-08 6.7446E+00 INTERVAL= 5.0000E-01

jtgcm15 (DAY,HR,MIN=212,12, 0)

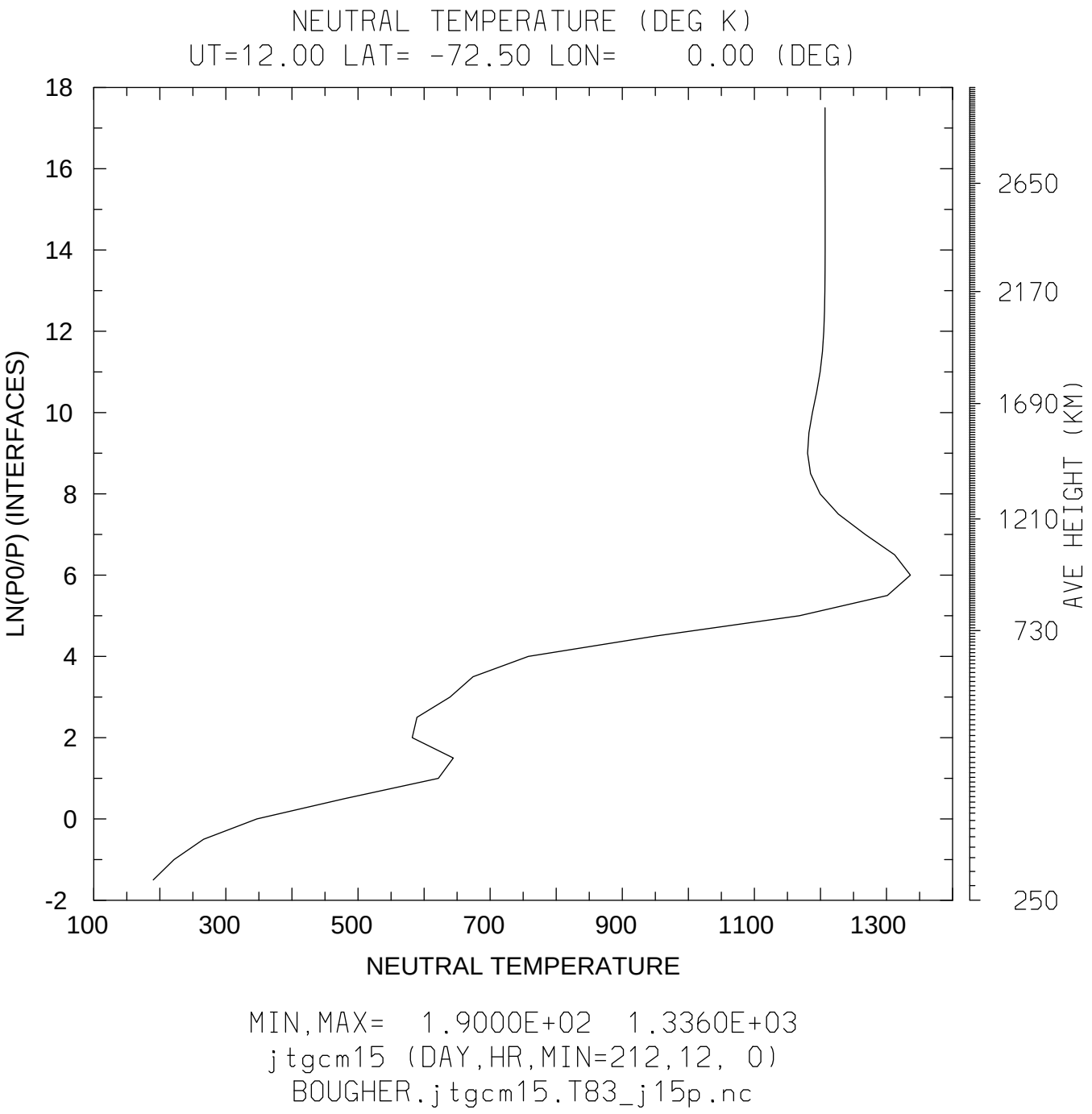
BOUGHER.jtgcm15.T83_j15p.nc



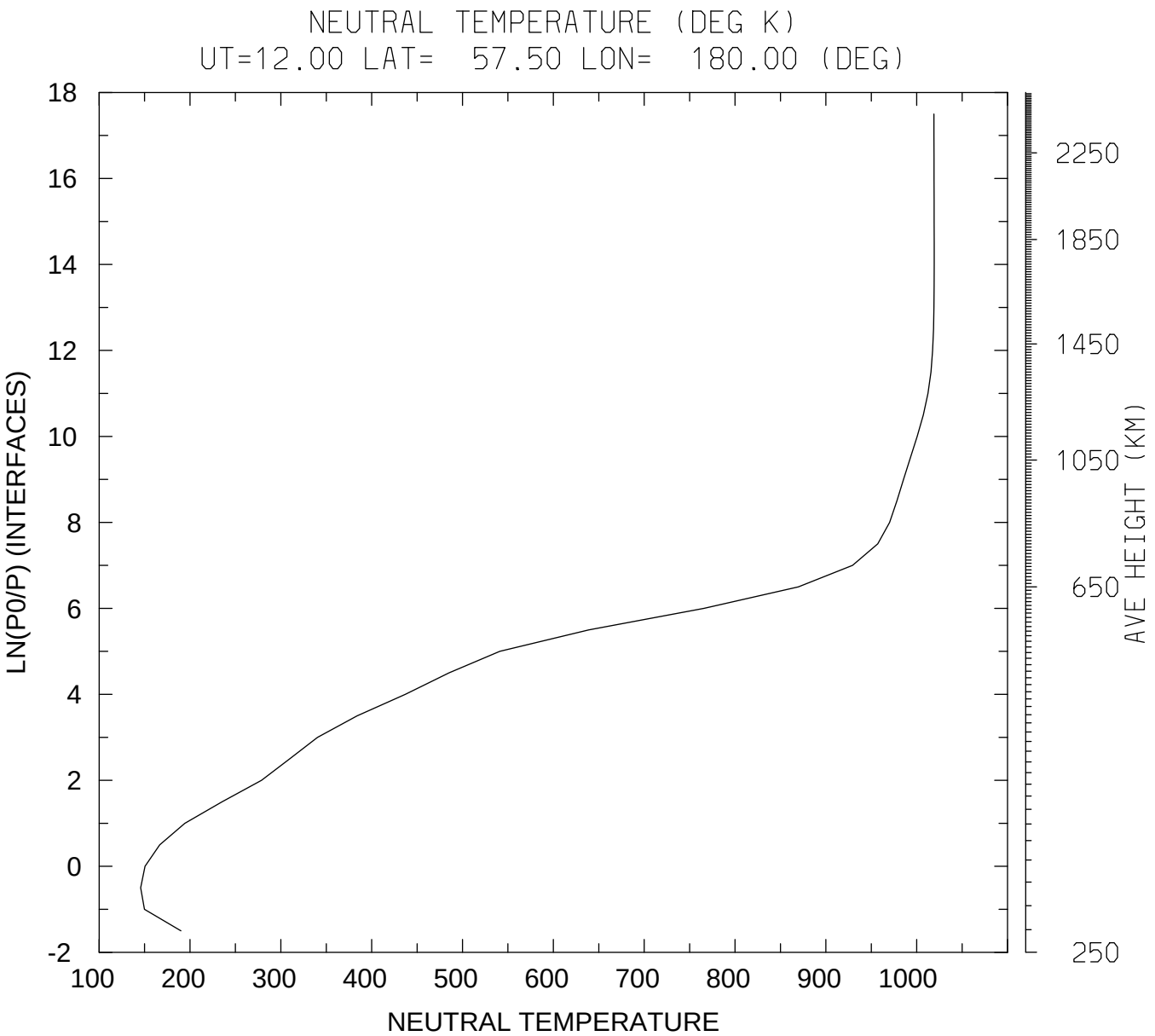
MIN,MAX= 5.8372E+00 1.4886E+01 INTERVAL= 5.0000E-01

jtgcm15 (DAY,HR,MIN=212,12, 0)

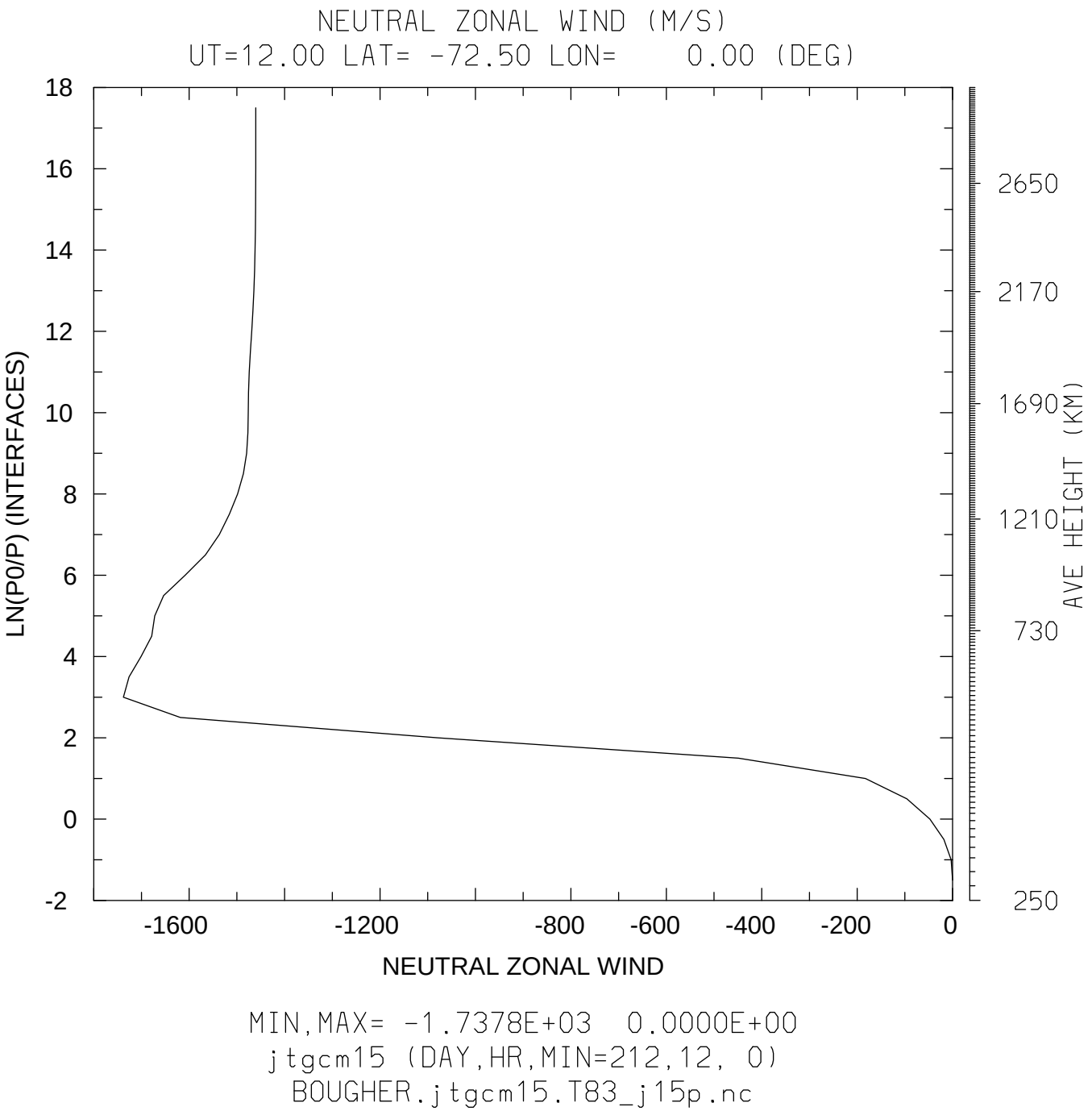
BOUGHER.jtgcm15.T83_j15p.nc



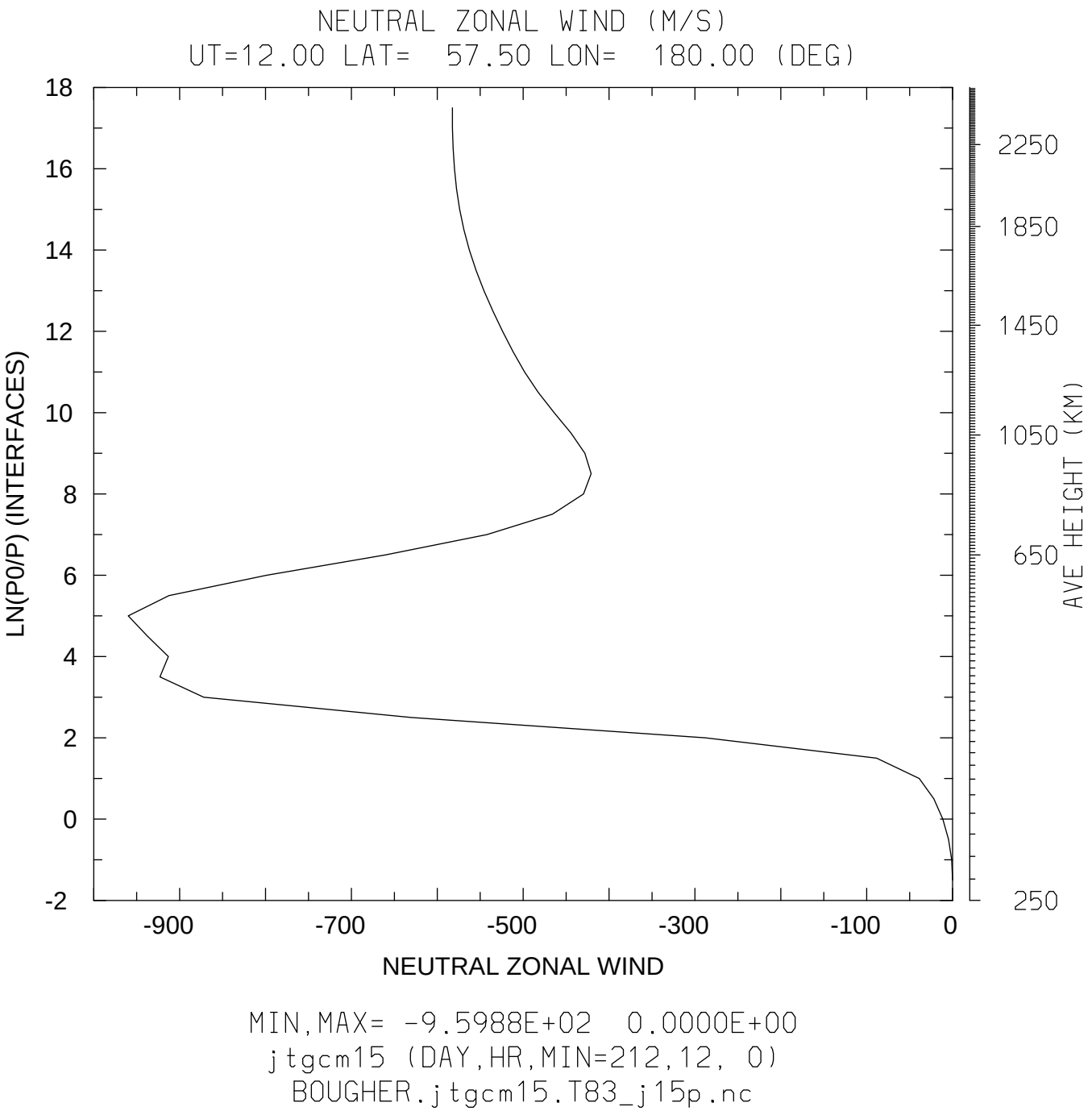
MIN,MAX= 1.9000E+02 1.3360E+03
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



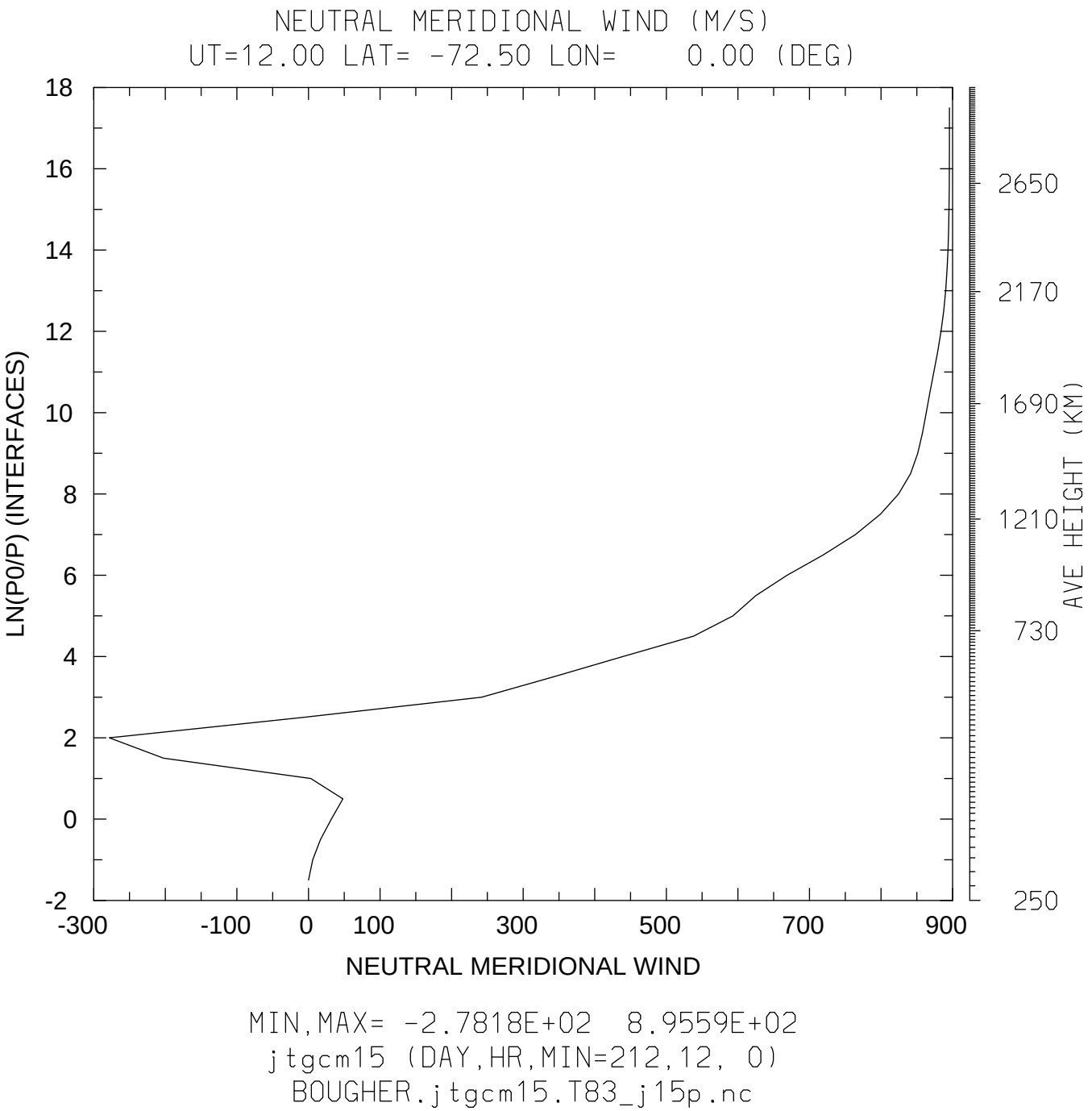
MIN,MAX= 1.4571E+02 1.0192E+03
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



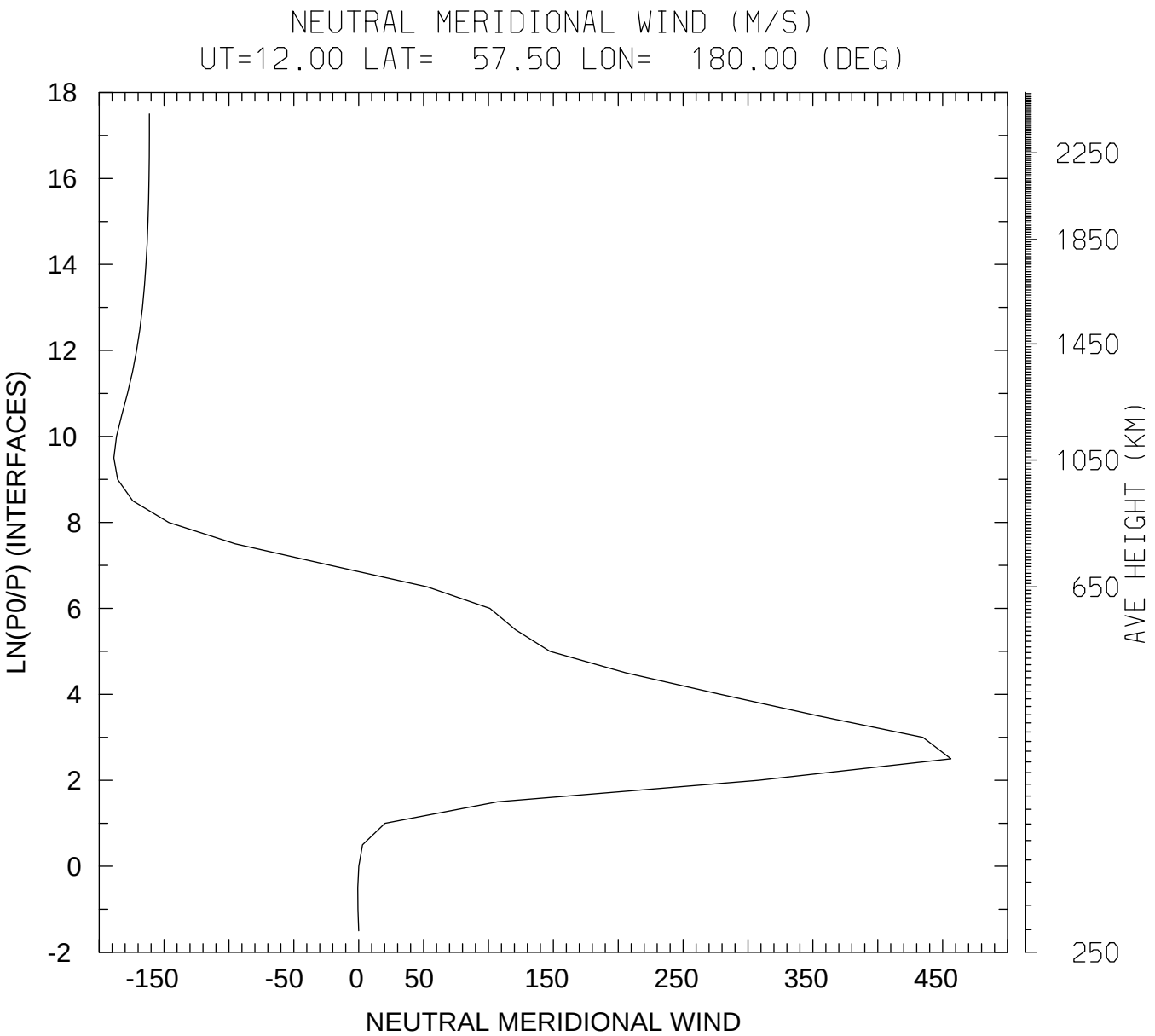
MIN,MAX= -1.7378E+03 0.0000E+00
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



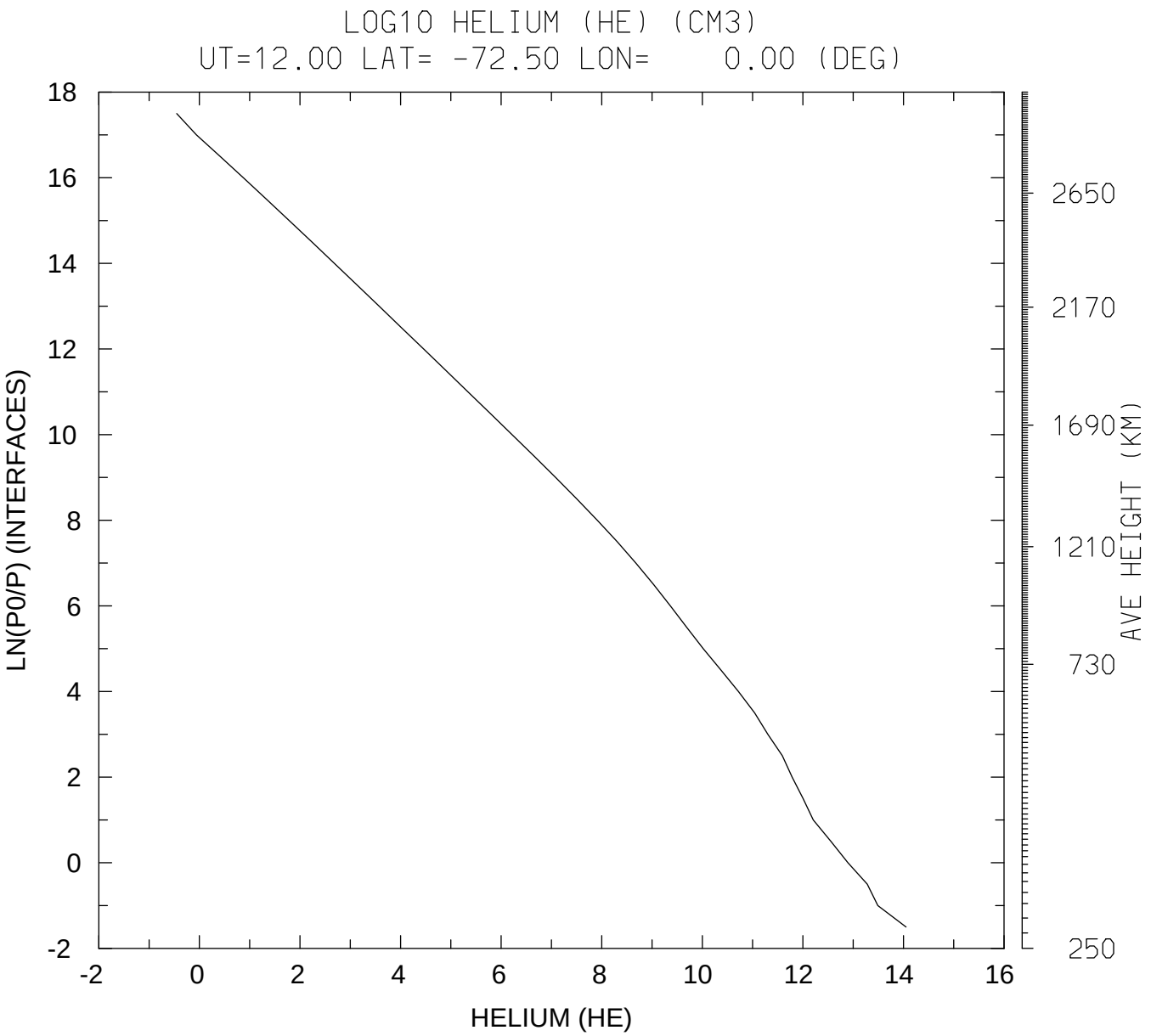
MIN,MAX= -9.5988E+02 0.0000E+00
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



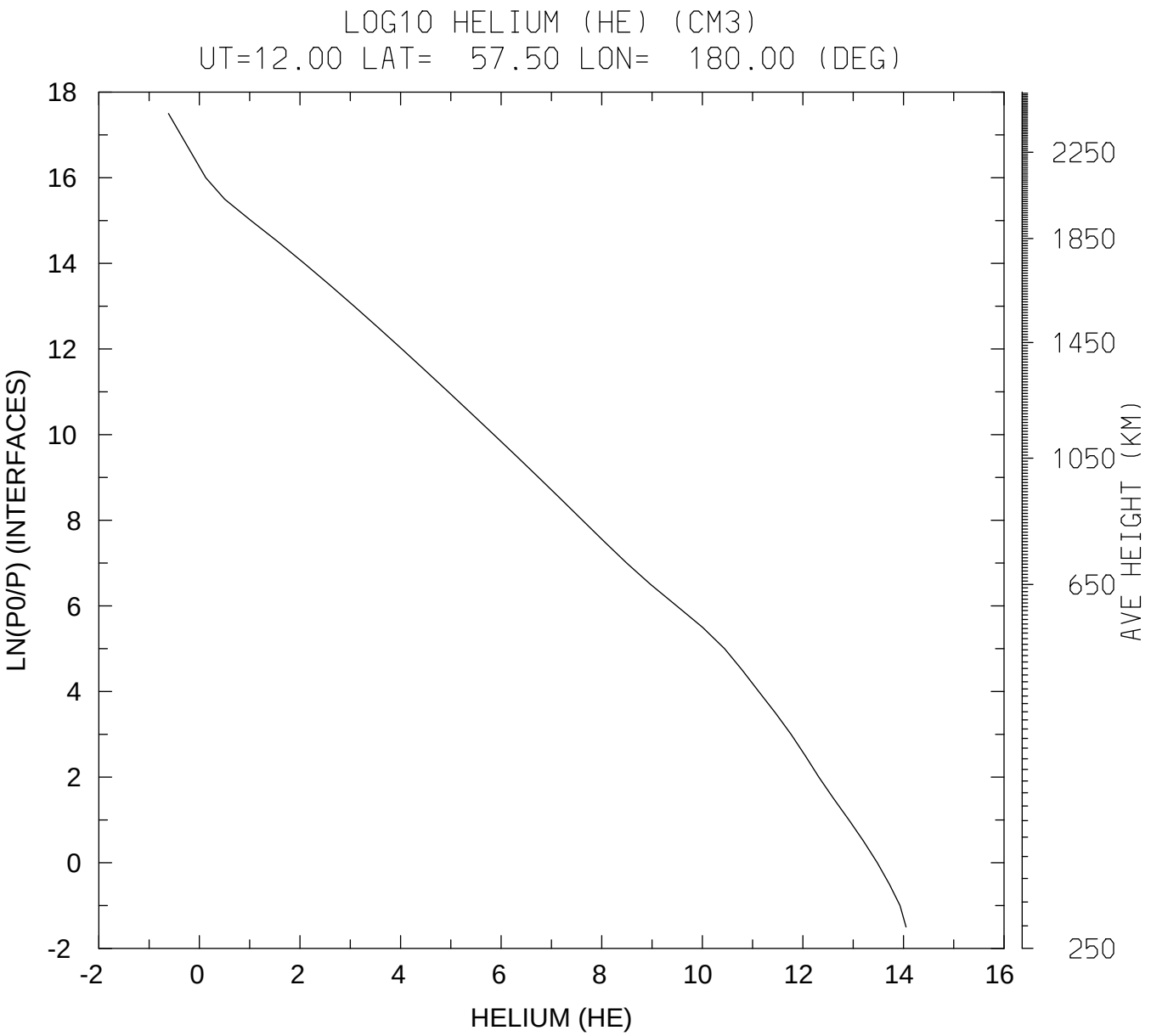
MIN,MAX= -2.7818E+02 8.9559E+02
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



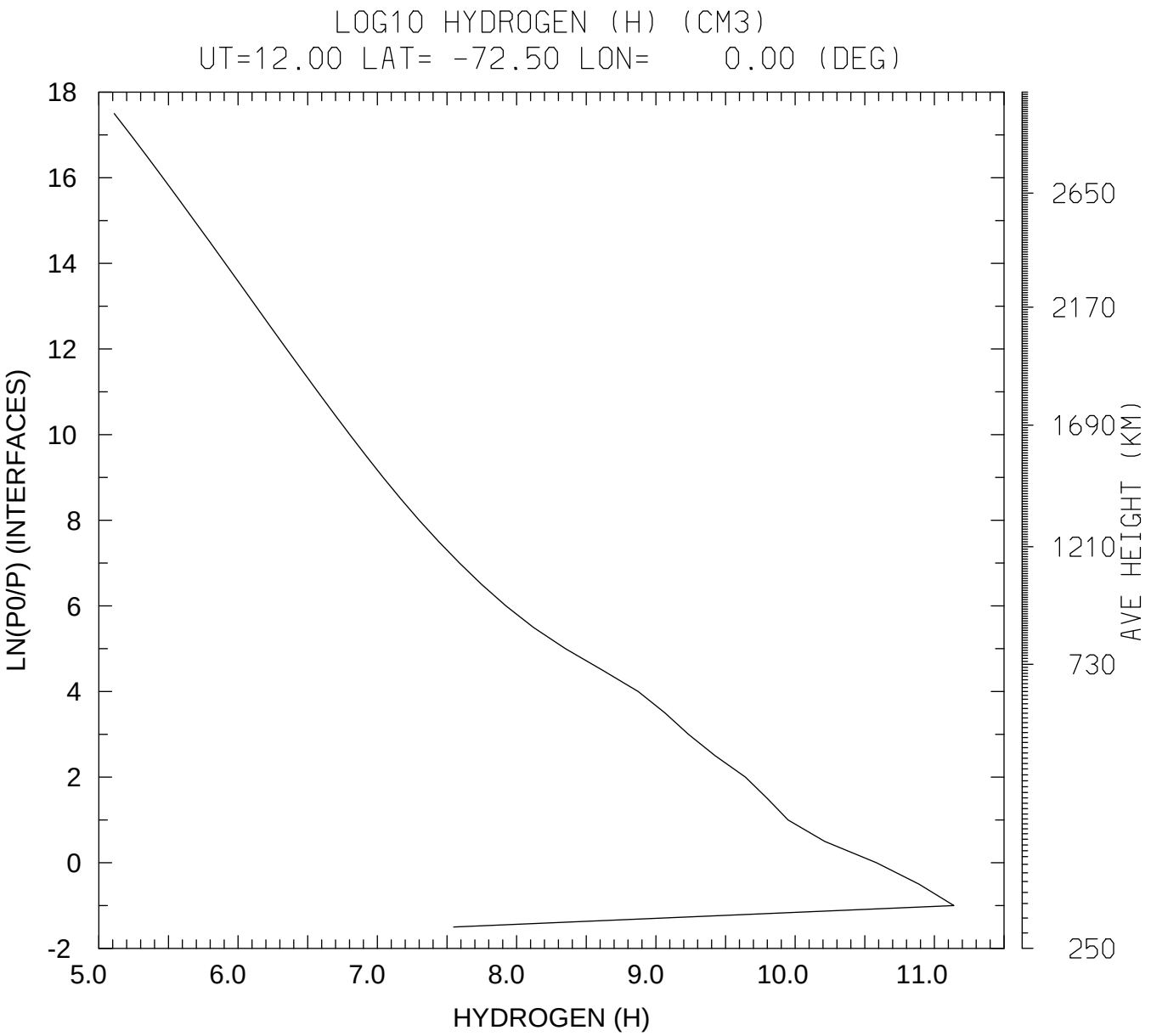
MIN,MAX= -1.8867E+02 4.5630E+02
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



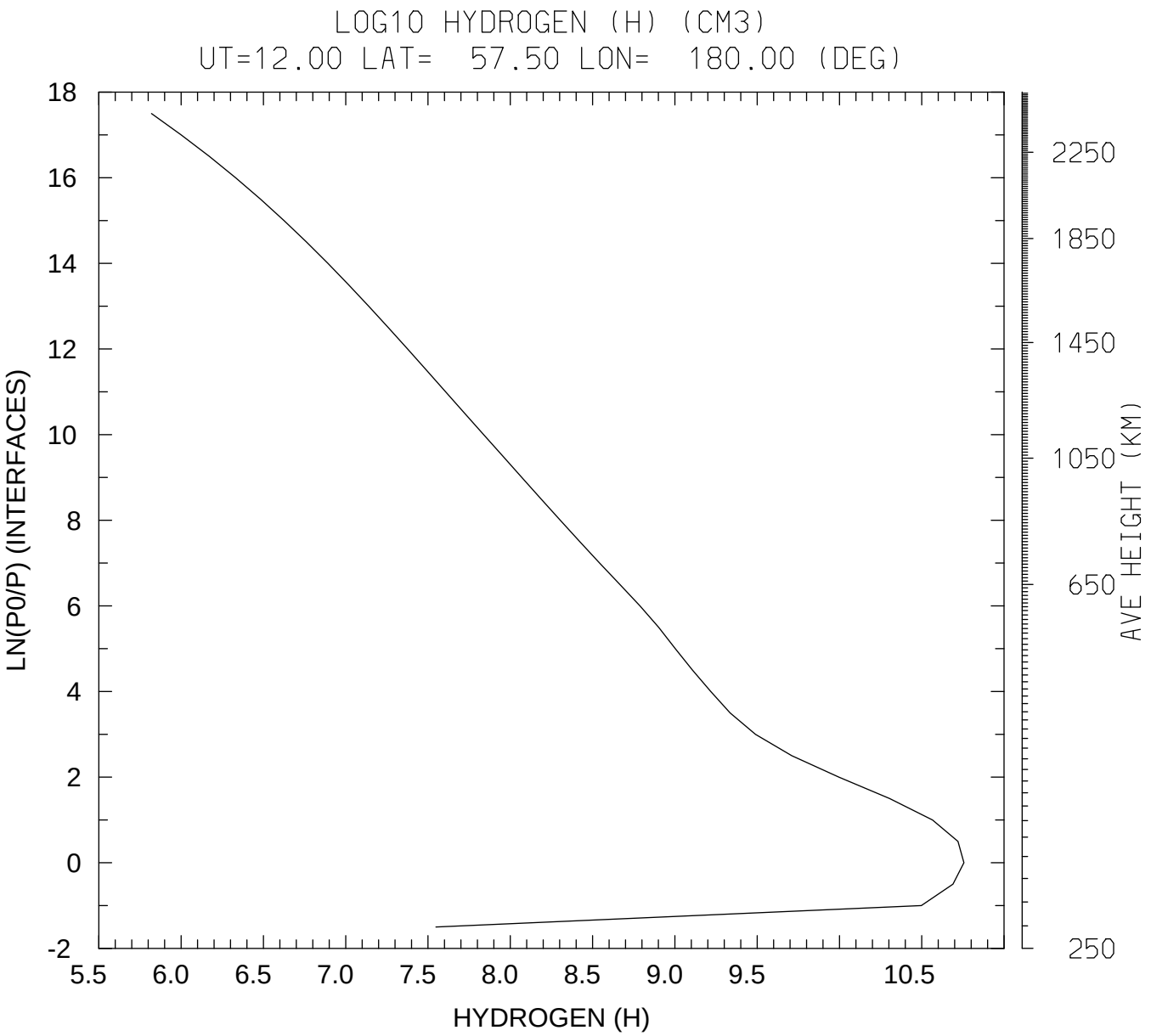
MIN,MAX= 3.5364E-01 1.1266E+14
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



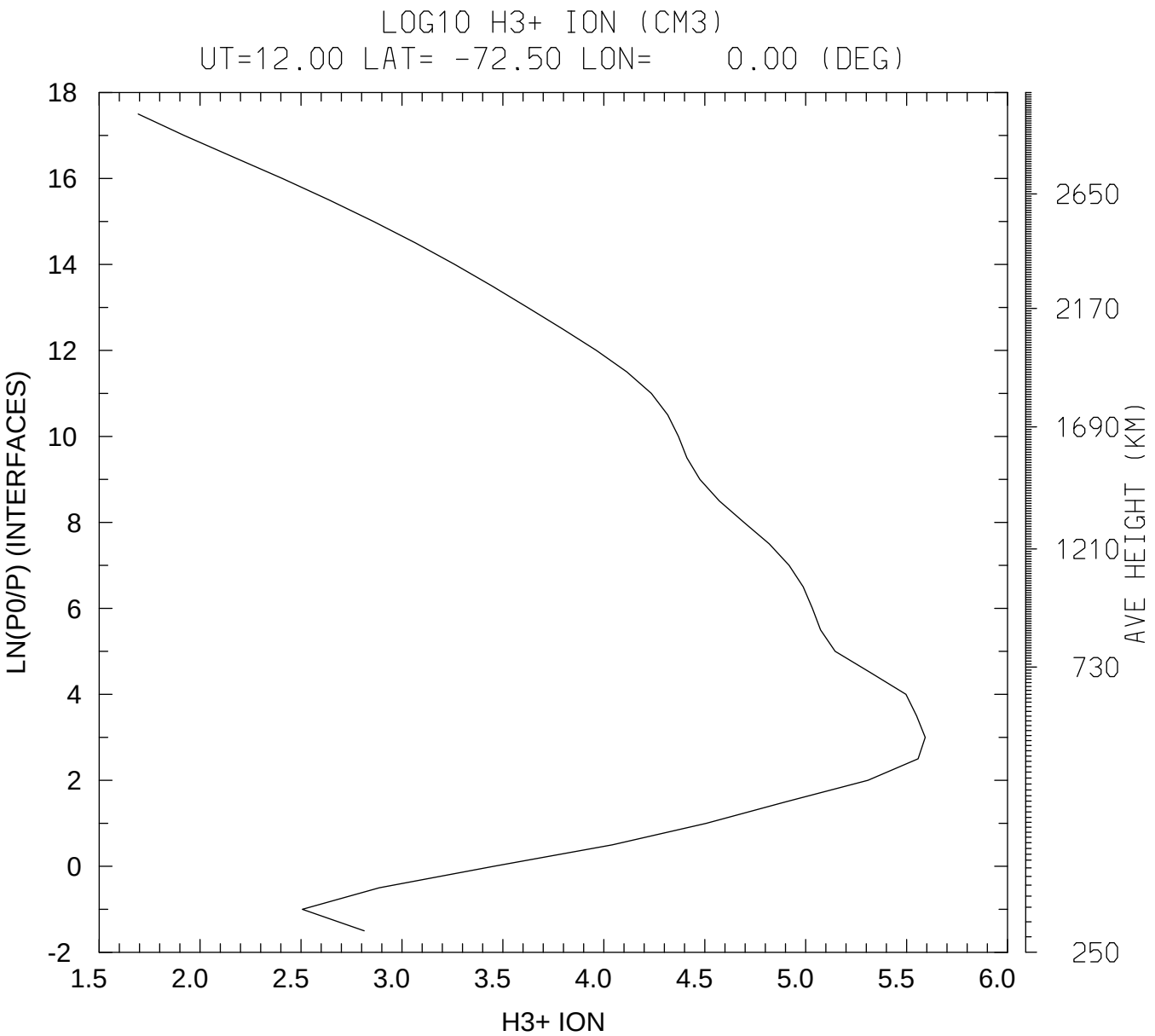
MIN,MAX= 2.4345E-01 1.1266E+14
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



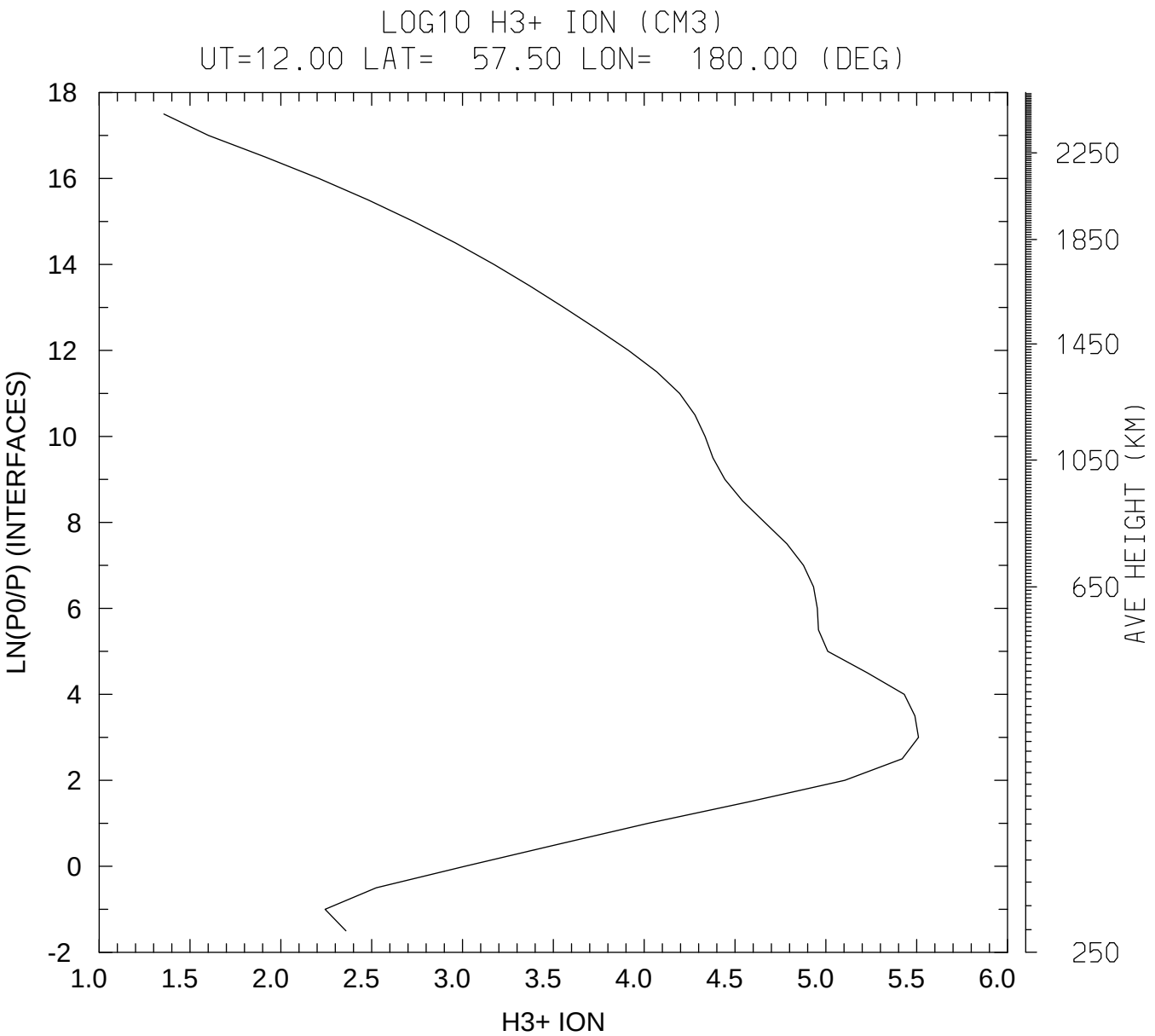
MIN,MAX= 1.2888E+05 1.3798E+11
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



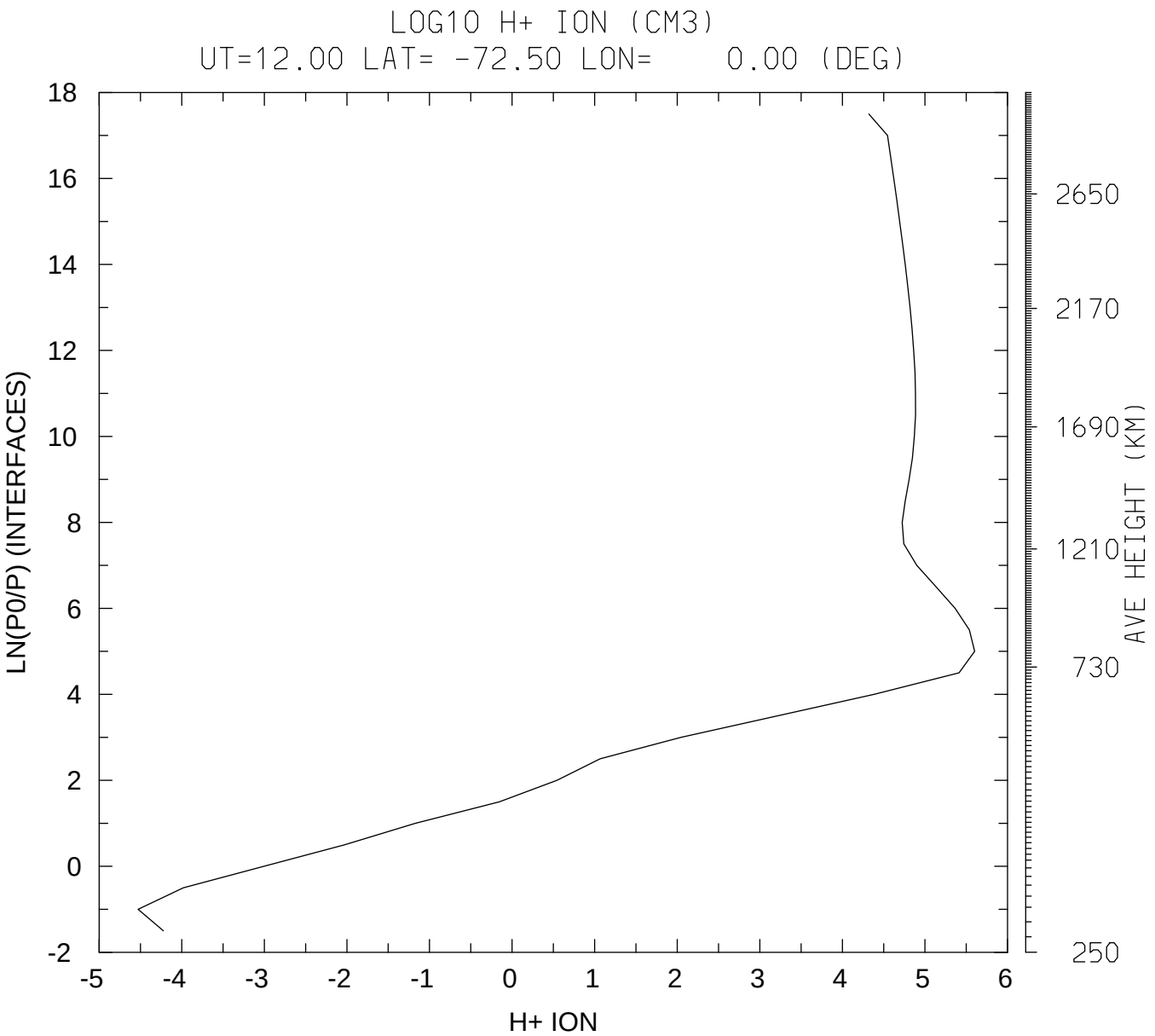
MIN,MAX= 6.6112E+05 5.7045E+10
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



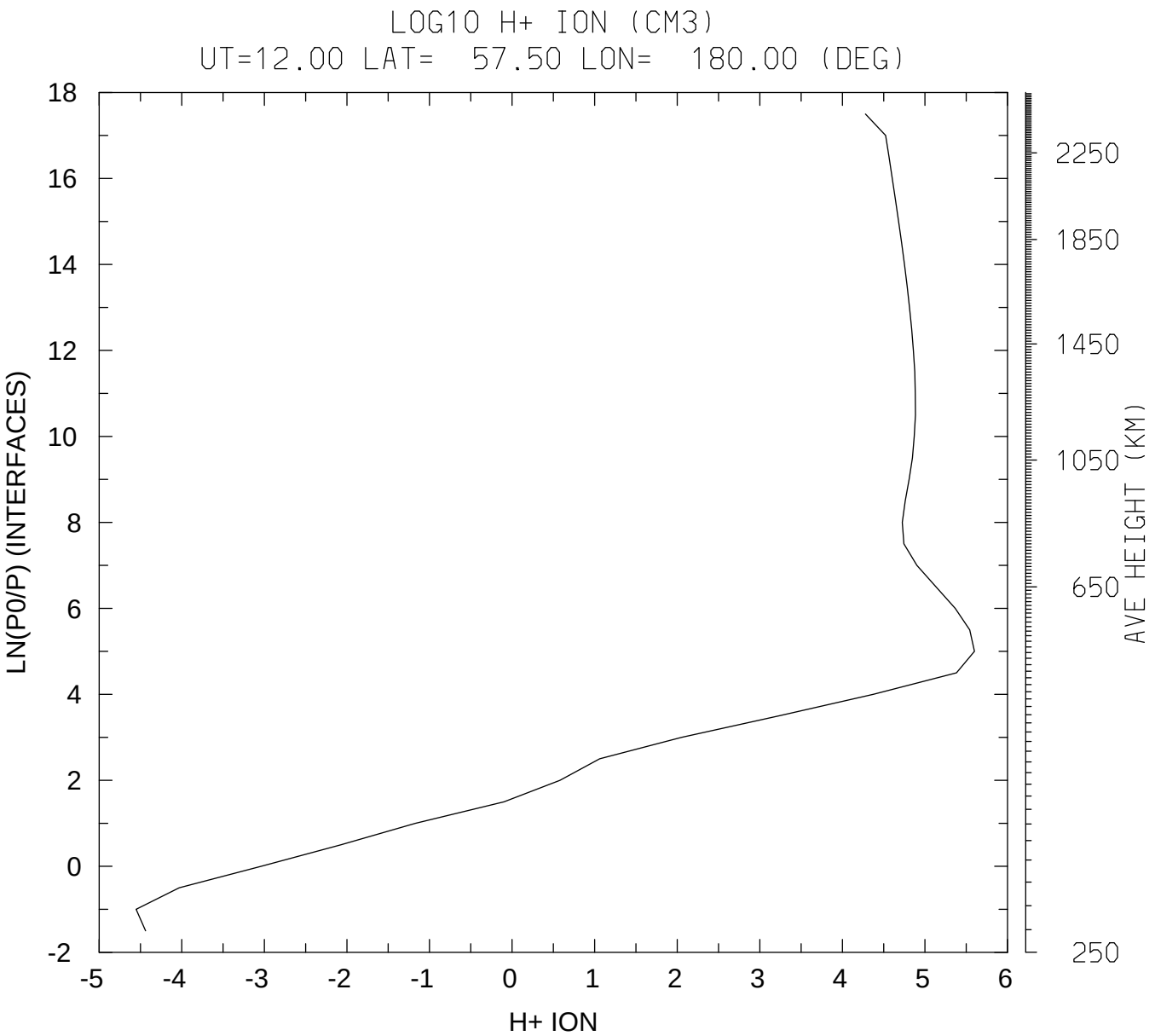
MIN,MAX= 4.9378E+01 3.9094E+05
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



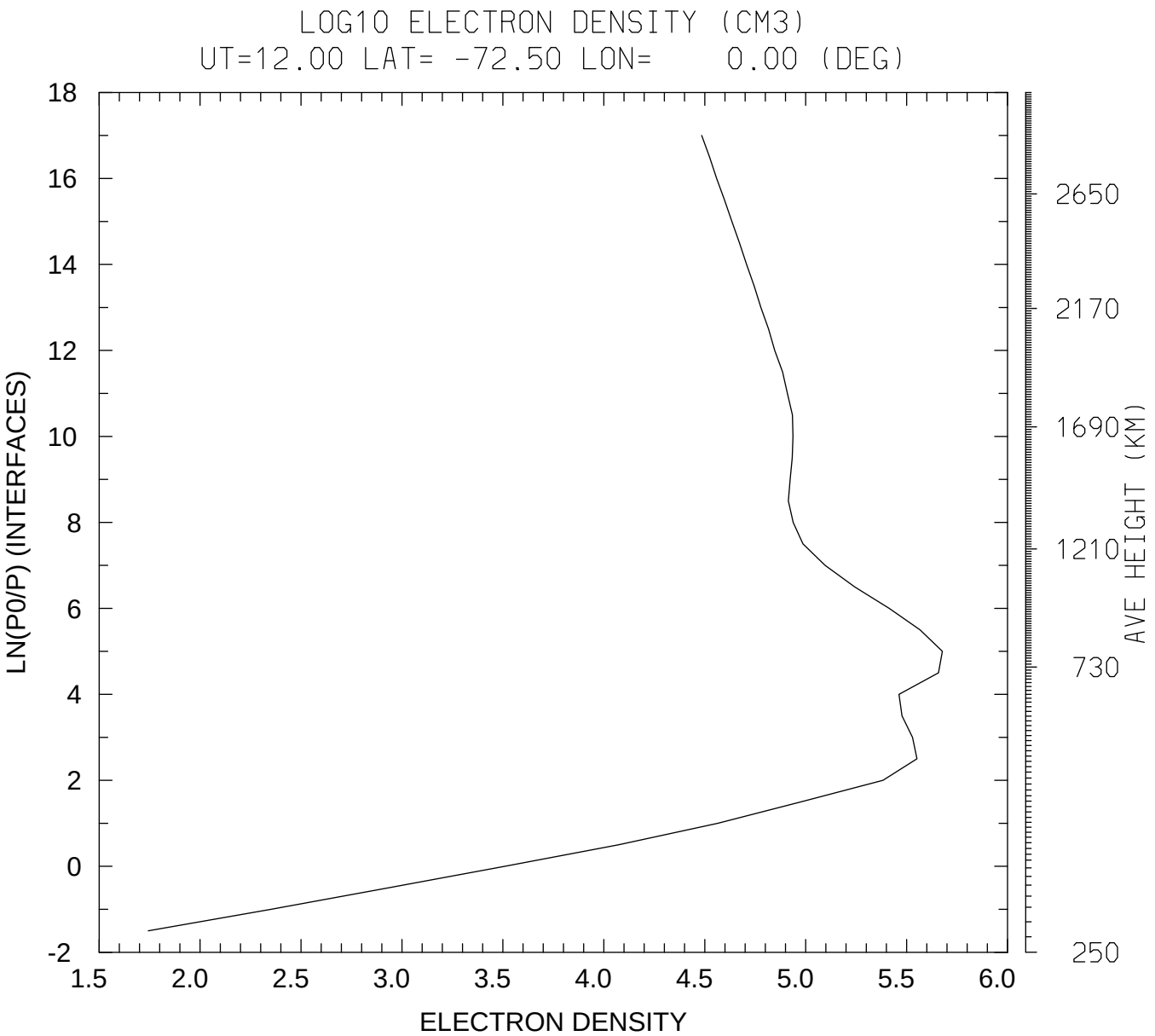
MIN,MAX= 2.2716E+01 3.2341E+05
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



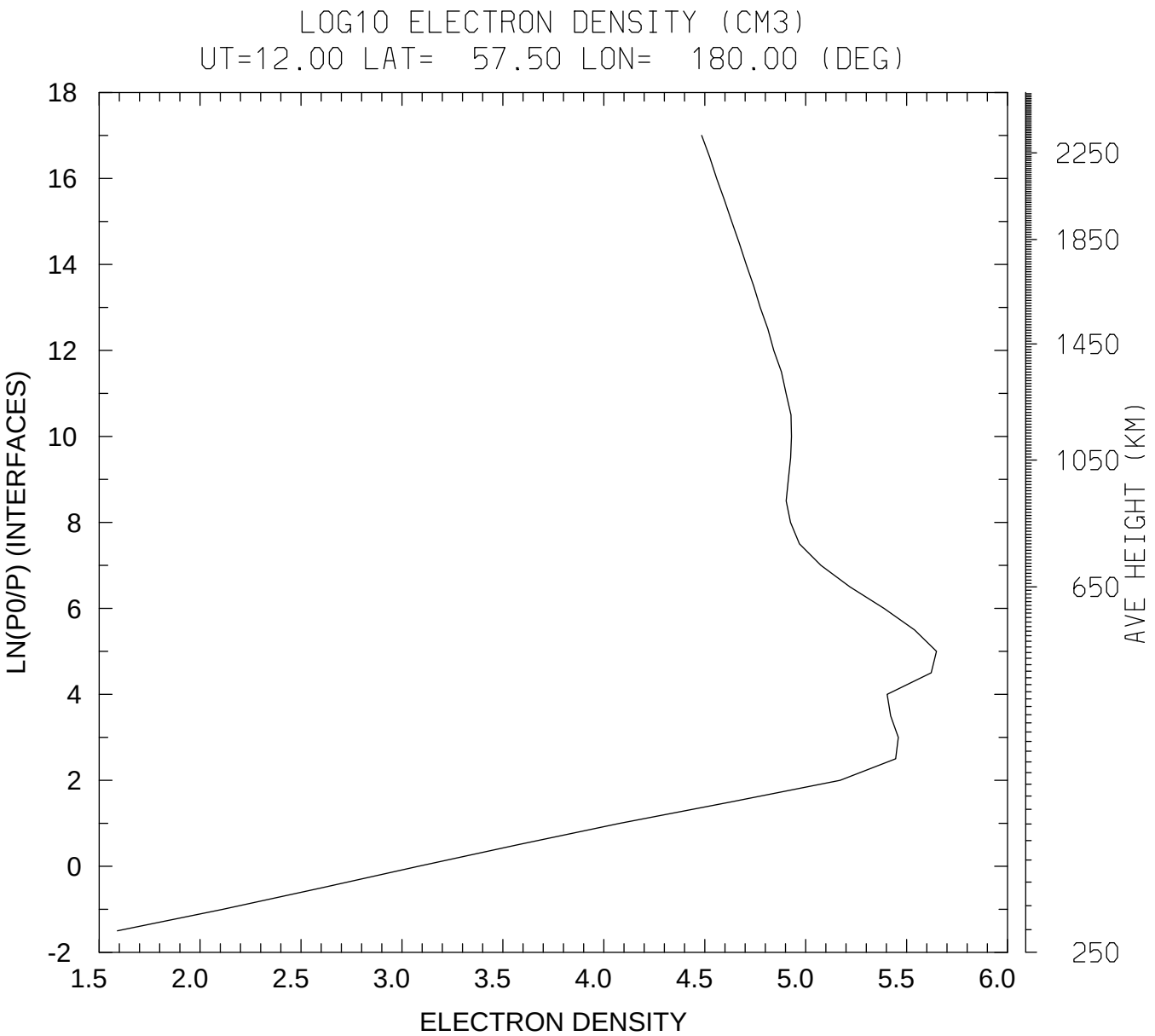
MIN,MAX= 2.9637E-05 3.9945E+05
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



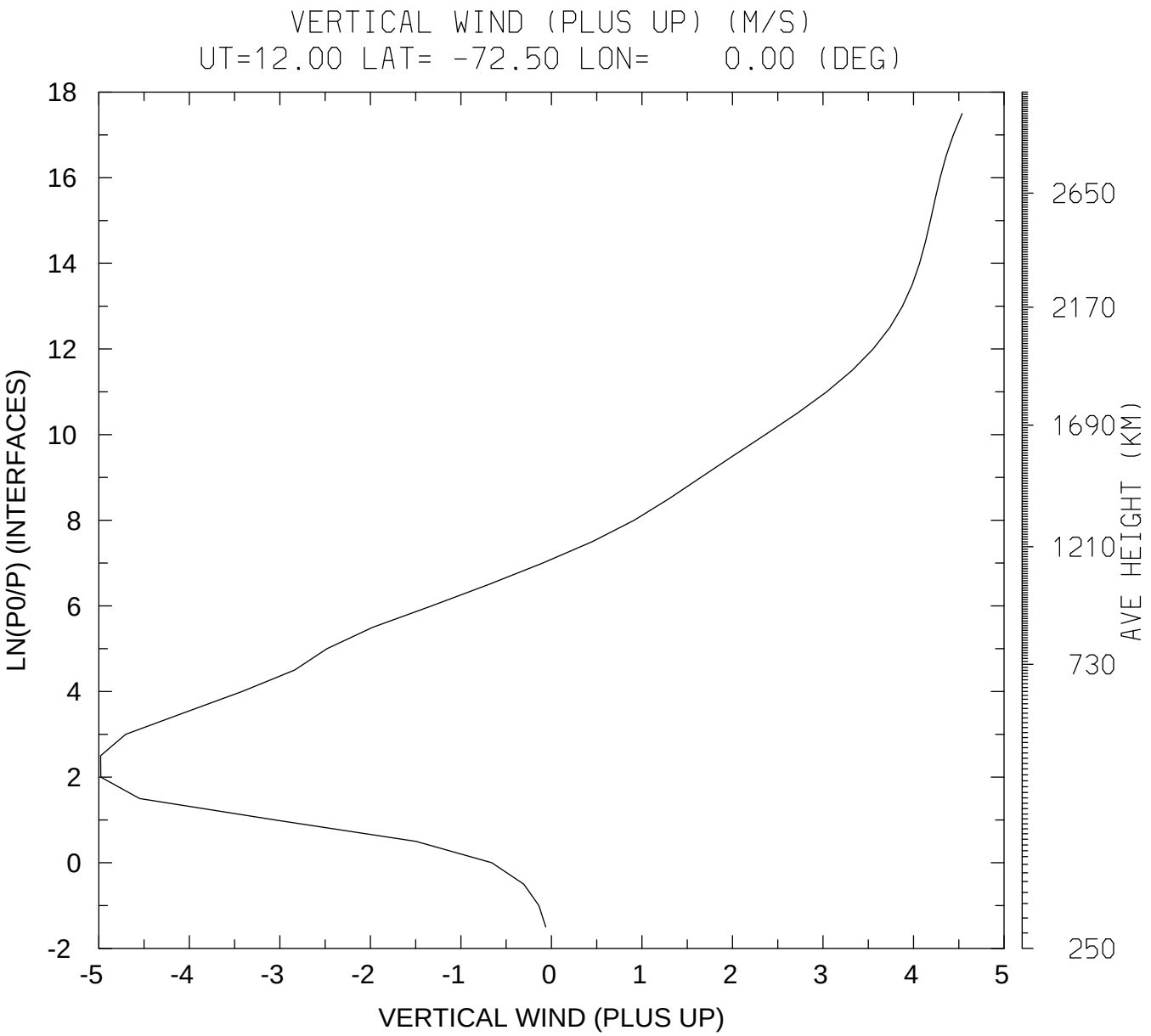
MIN,MAX= 2.8039E-05 3.9750E+05
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



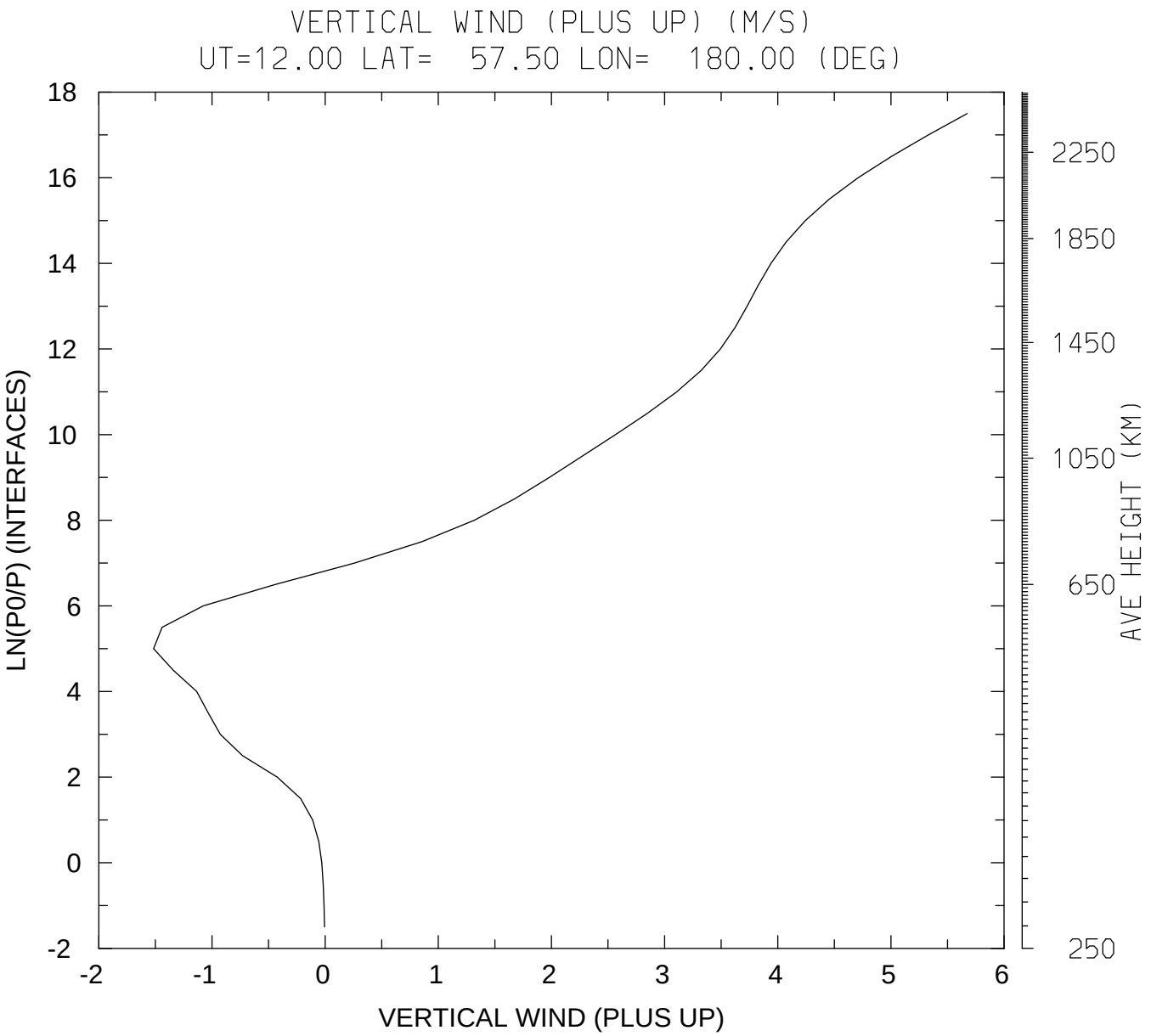
MIN,MAX= 0.0000E+00 4.7509E+05
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



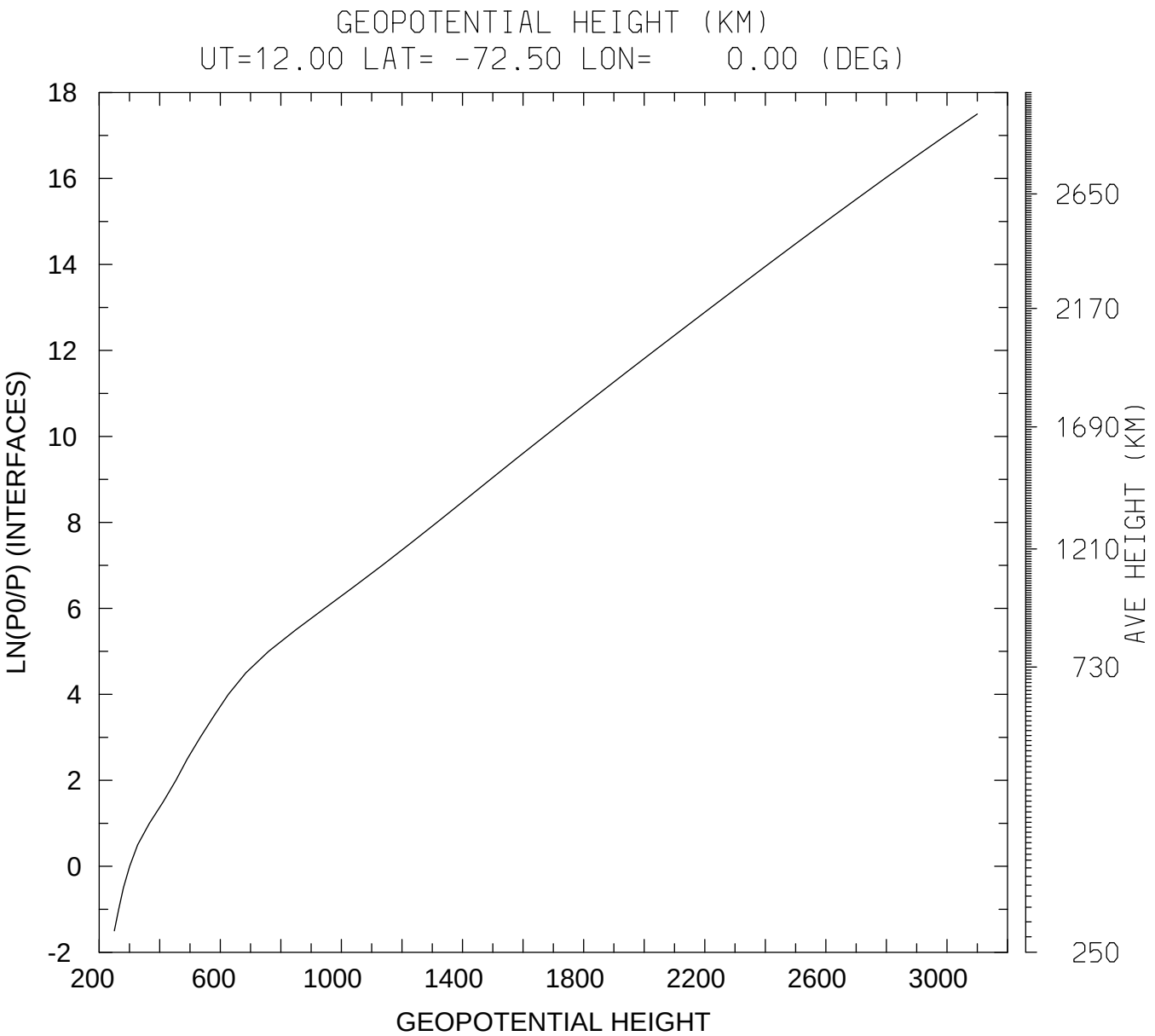
MIN,MAX= 0.0000E+00 4.4464E+05
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



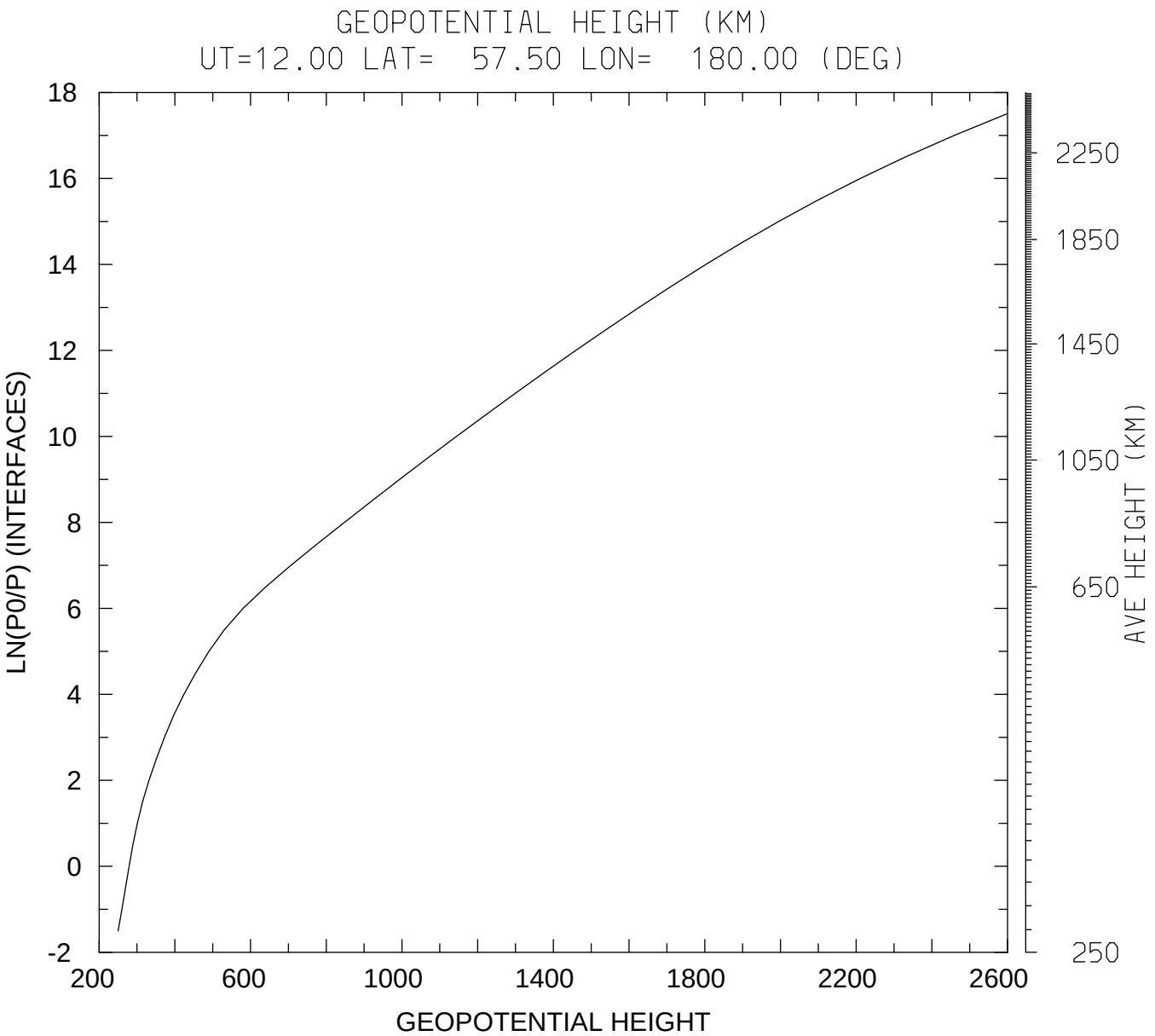
MIN,MAX= -4.9796E+00 4.5365E+00
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



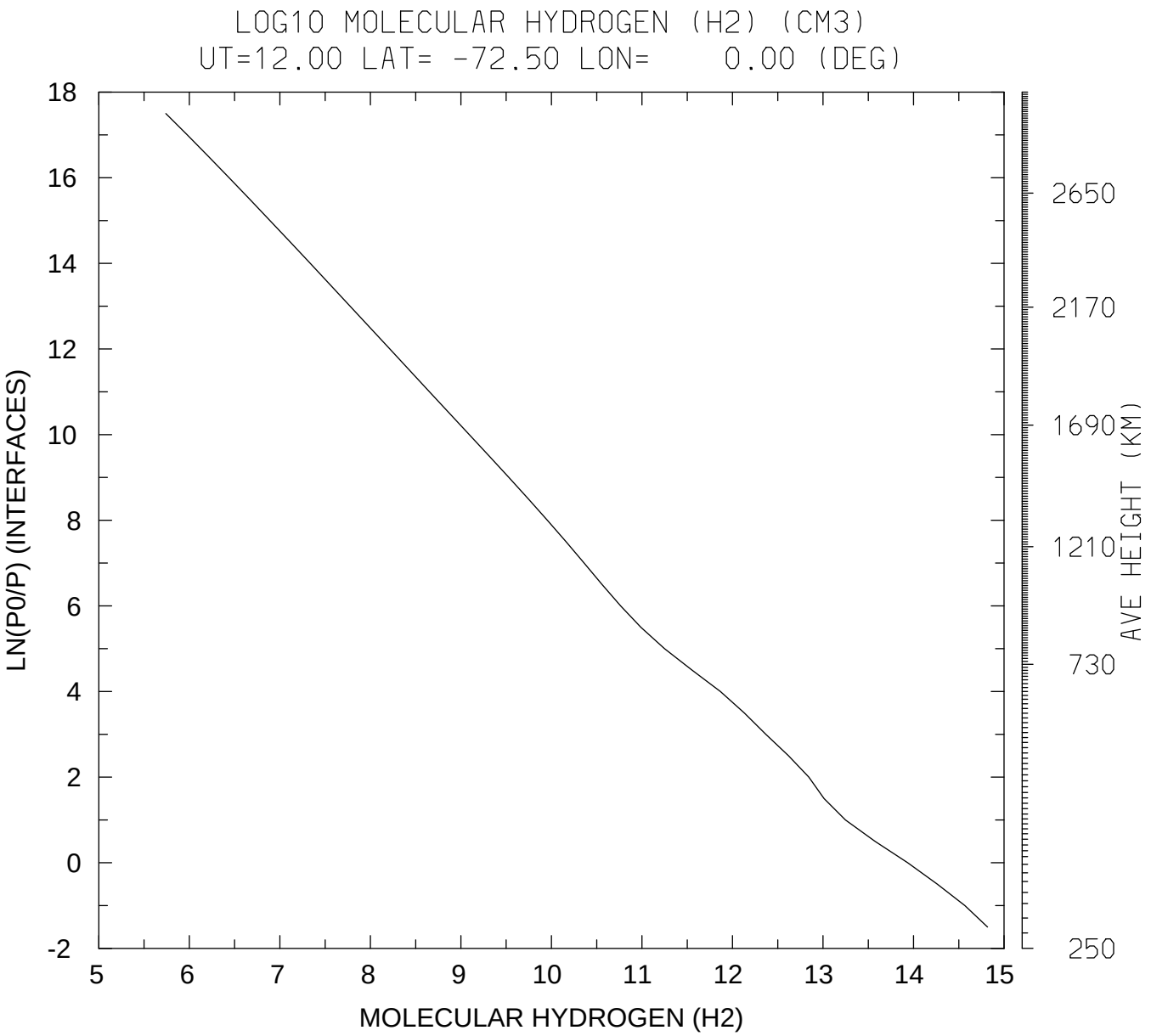
MIN,MAX= -1.5162E+00 5.6742E+00
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



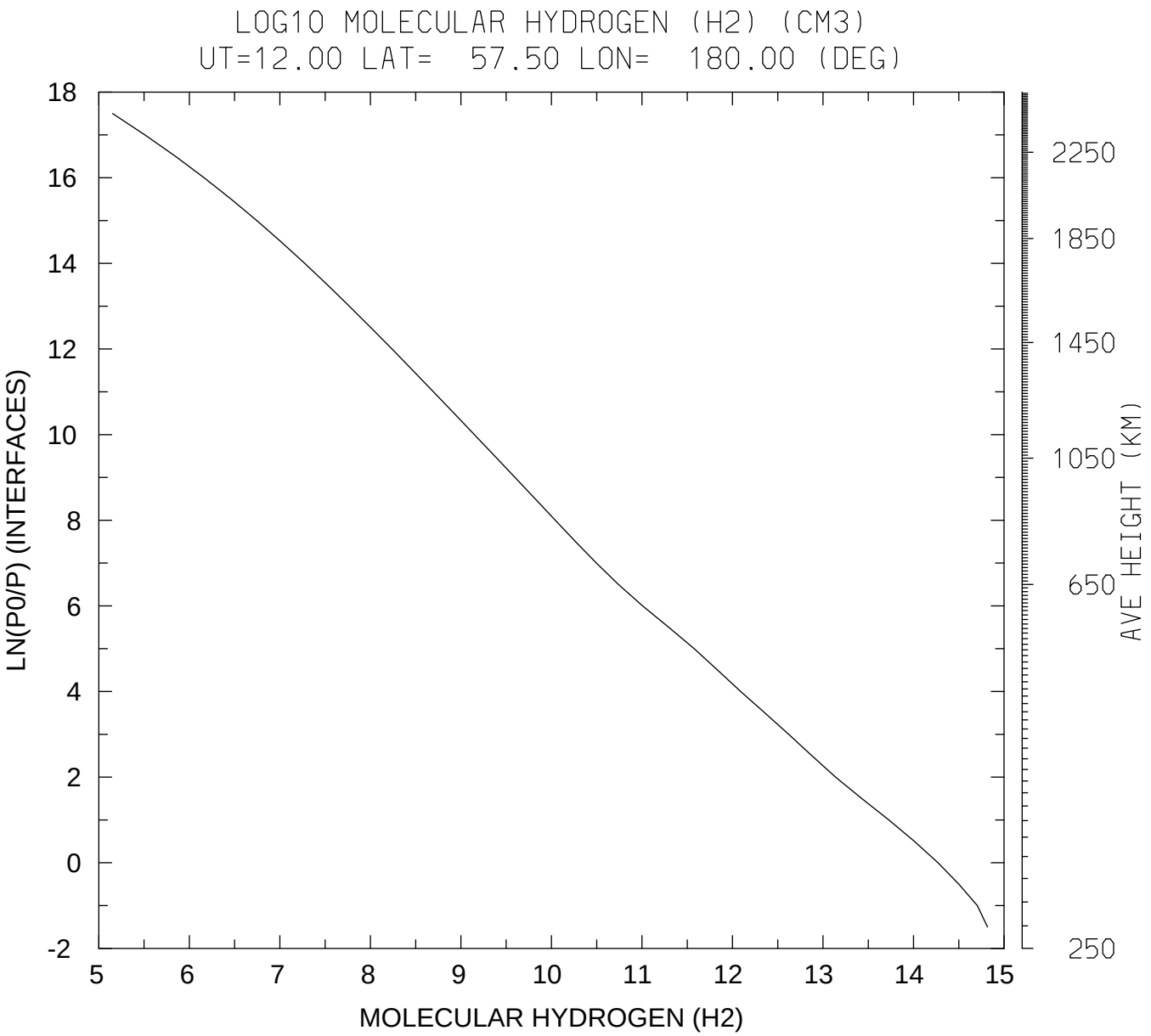
MIN,MAX= 2.5000E+02 3.1002E+03
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



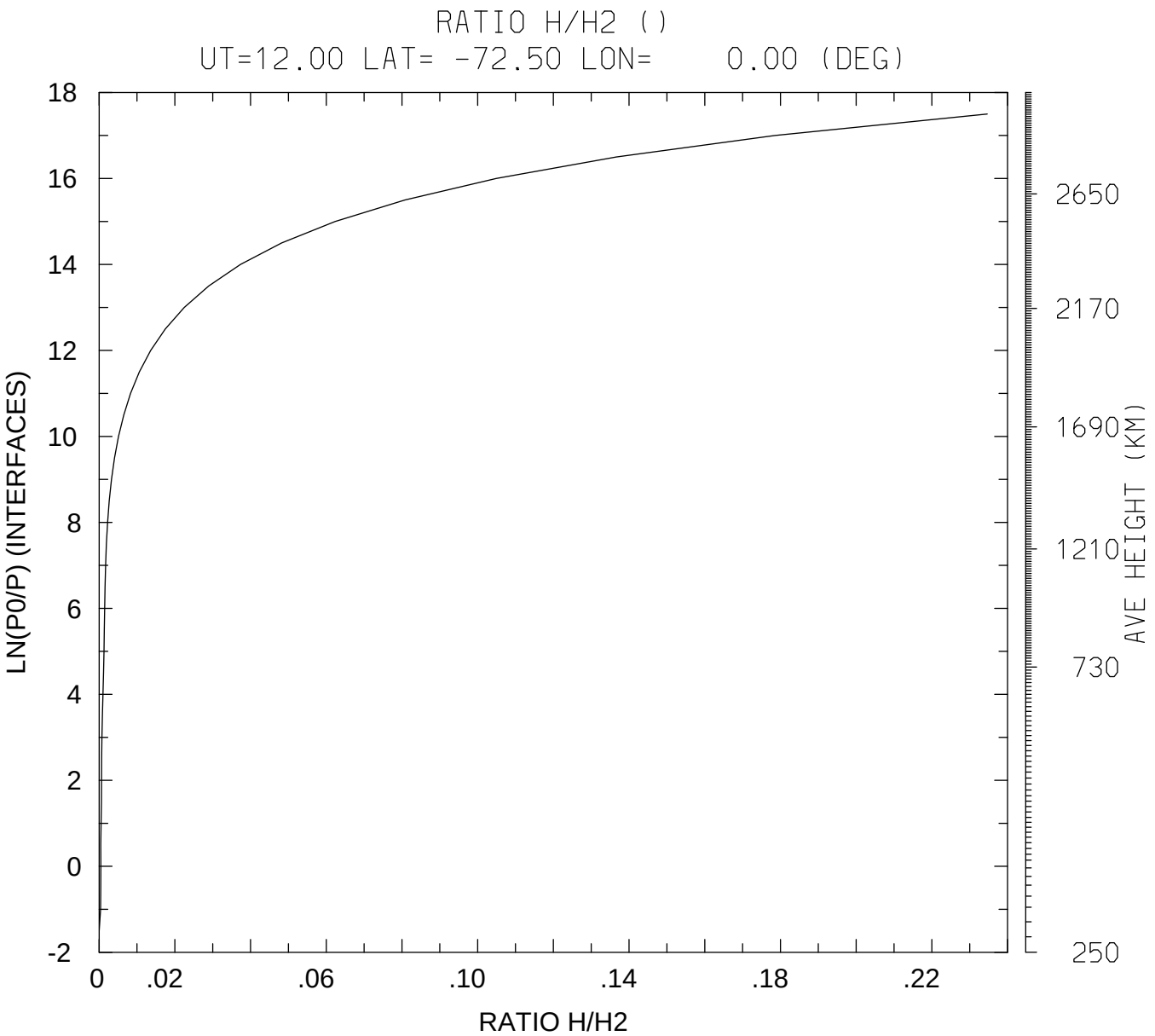
MIN,MAX= 2.5000E+02 2.5972E+03
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



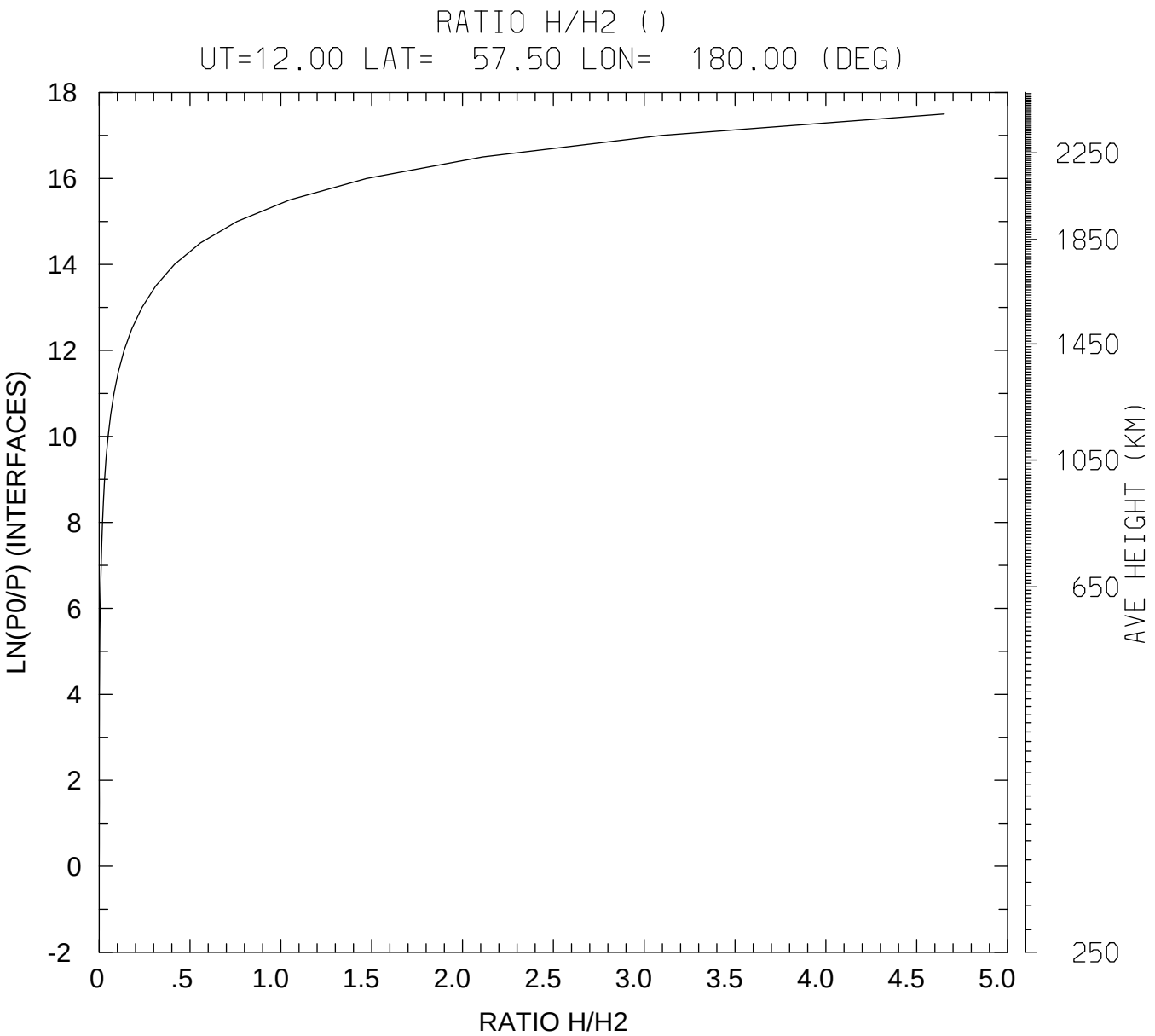
MIN,MAX= 5.4930E+05 6.5623E+14
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



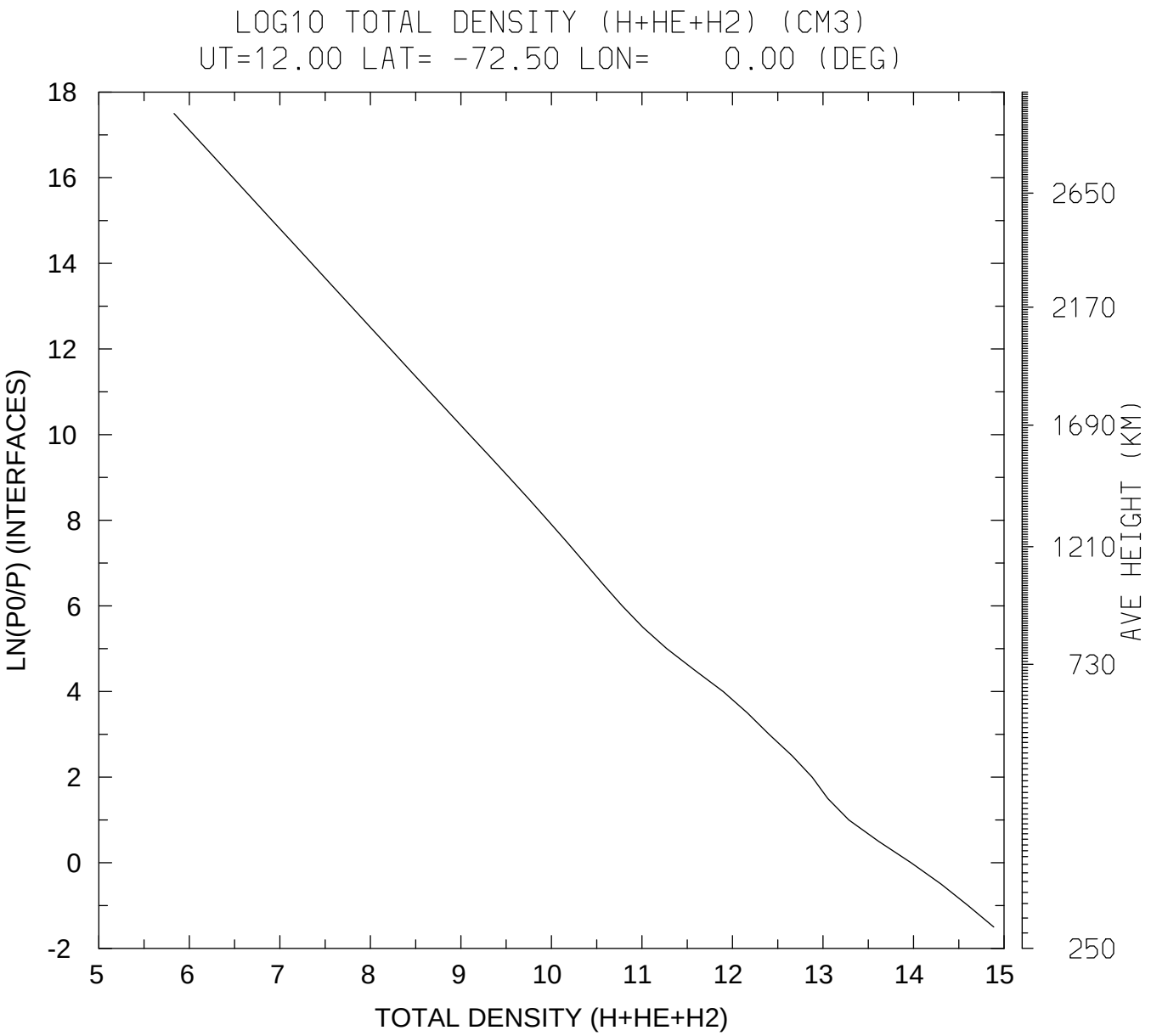
MIN,MAX= 1.4213E+05 6.5623E+14
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



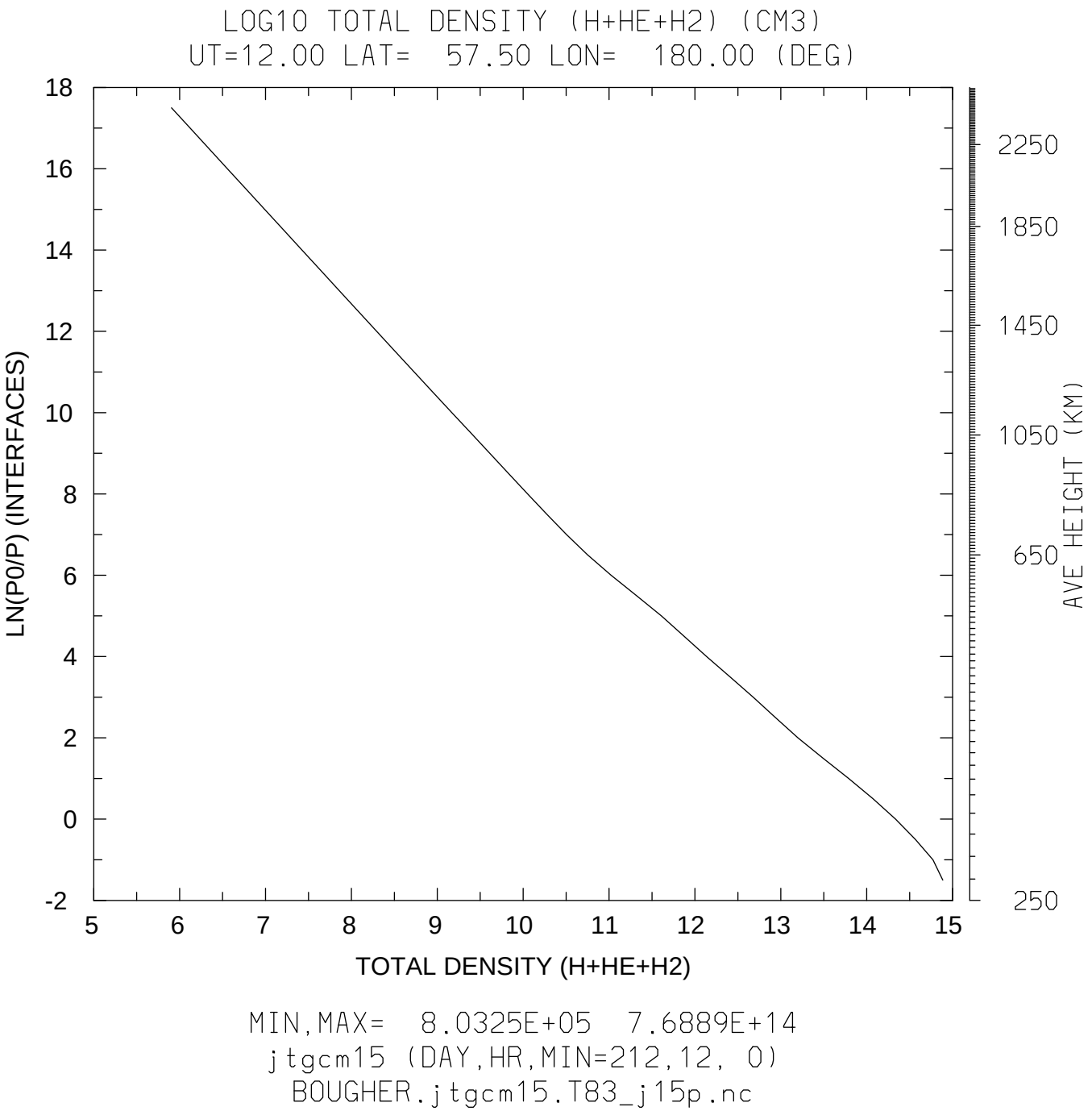
MIN,MAX= 5.3790E-08 2.3463E-01
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 5.3791E-08 4.6515E+00
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 6.7818E+05 7.6889E+14
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc



MIN,MAX= 8.0325E+05 7.6889E+14
jtgcm15 (DAY,HR,MIN=212,12, 0)
BOUGHER.jtgcm15.T83_j15p.nc