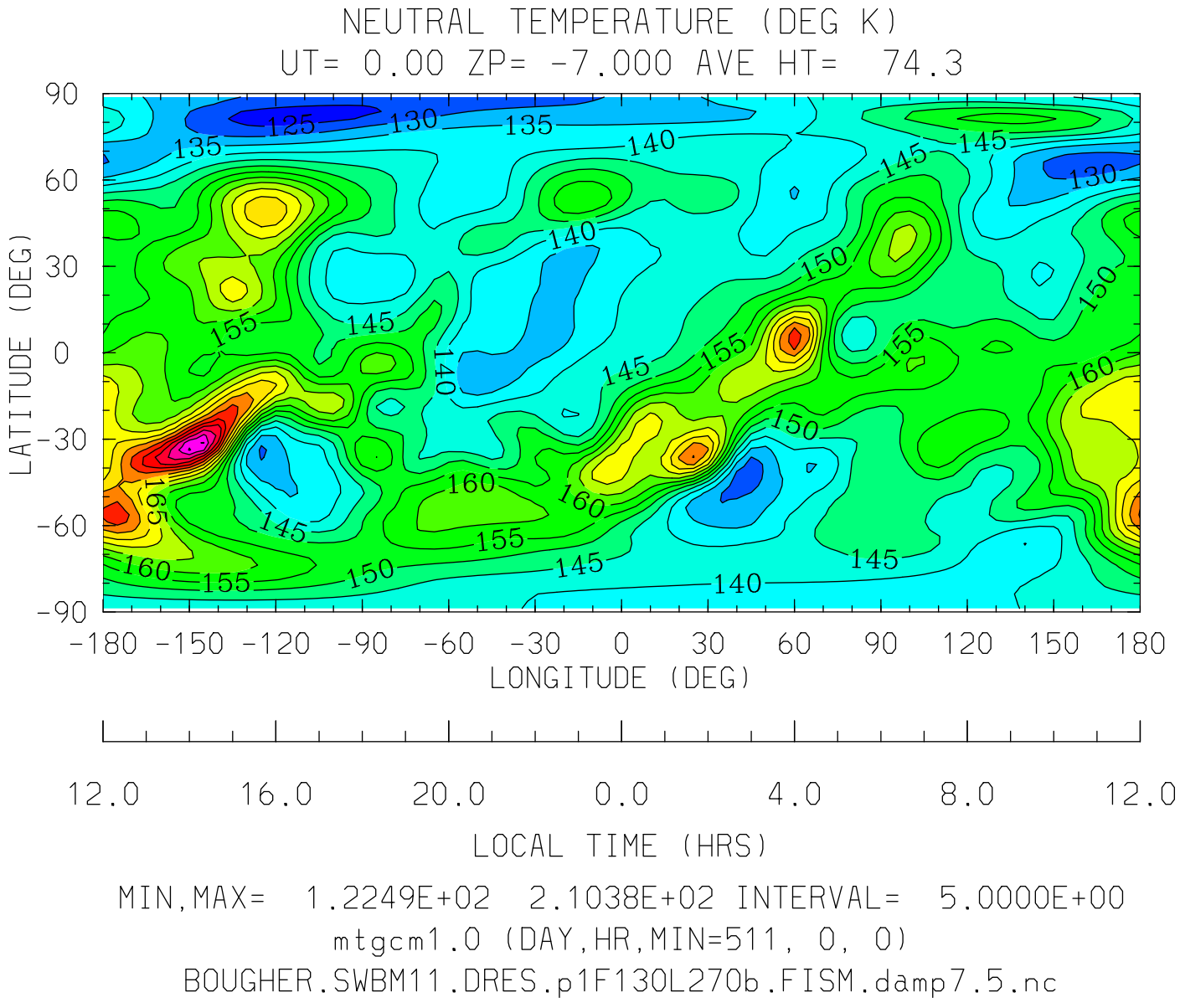
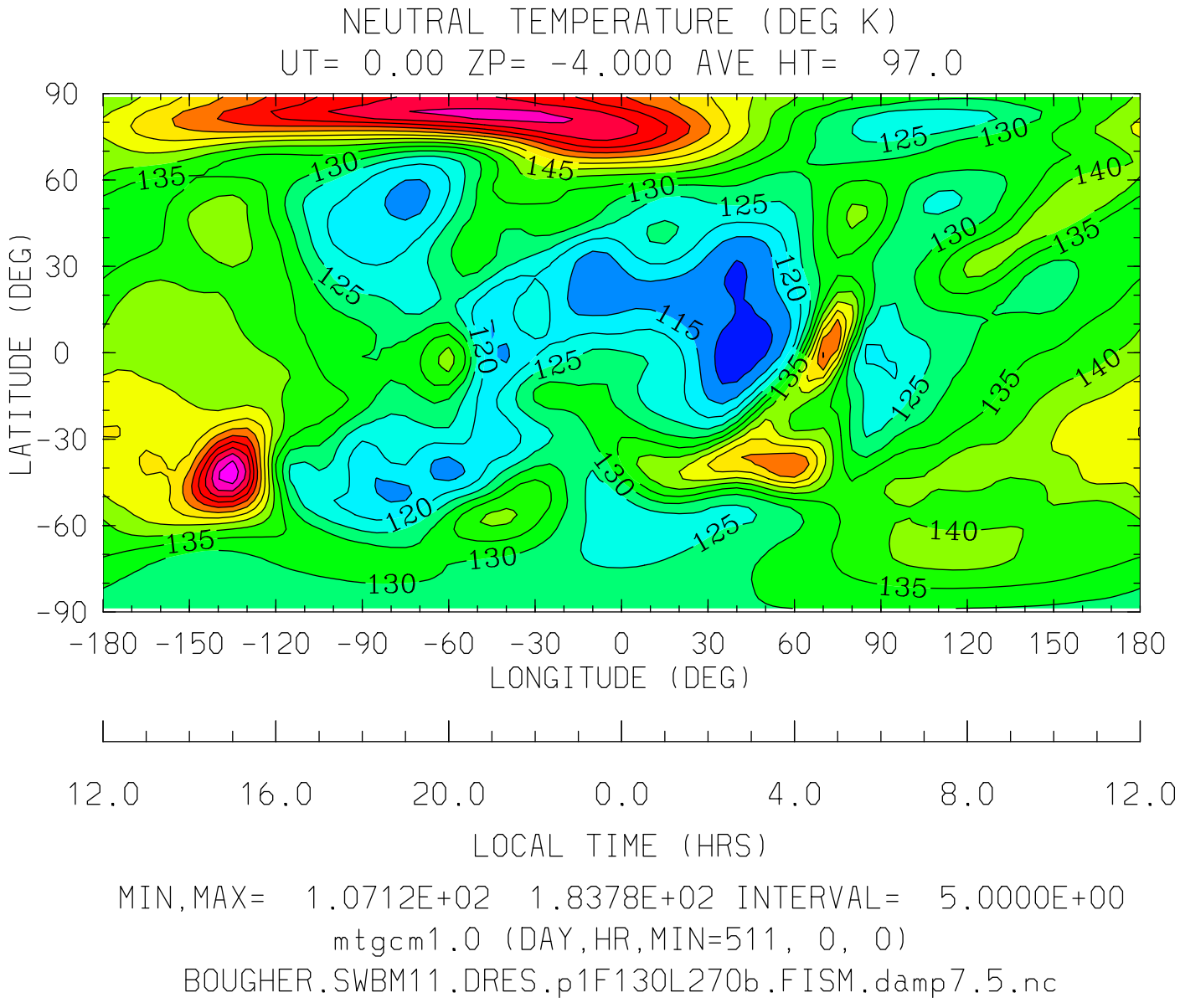
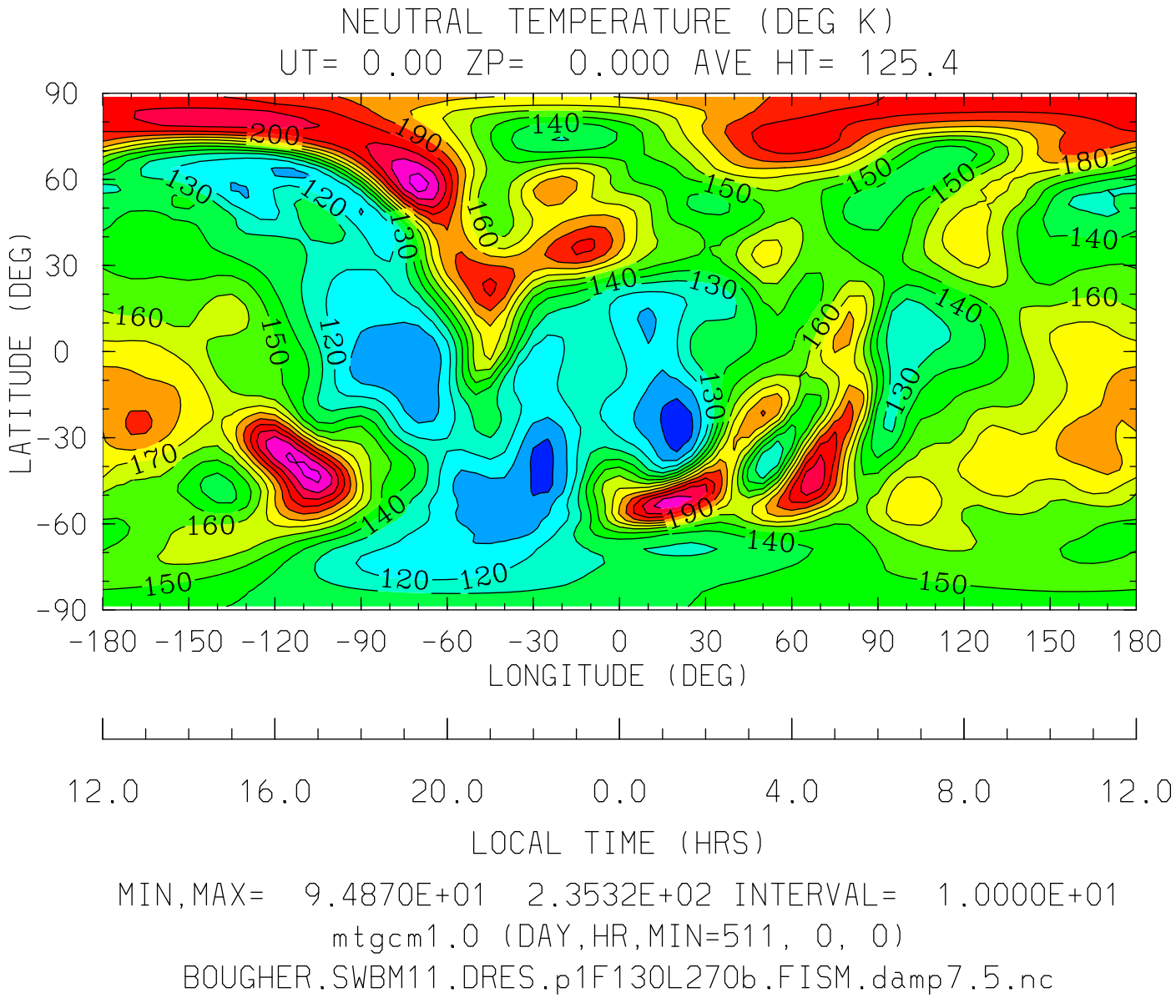
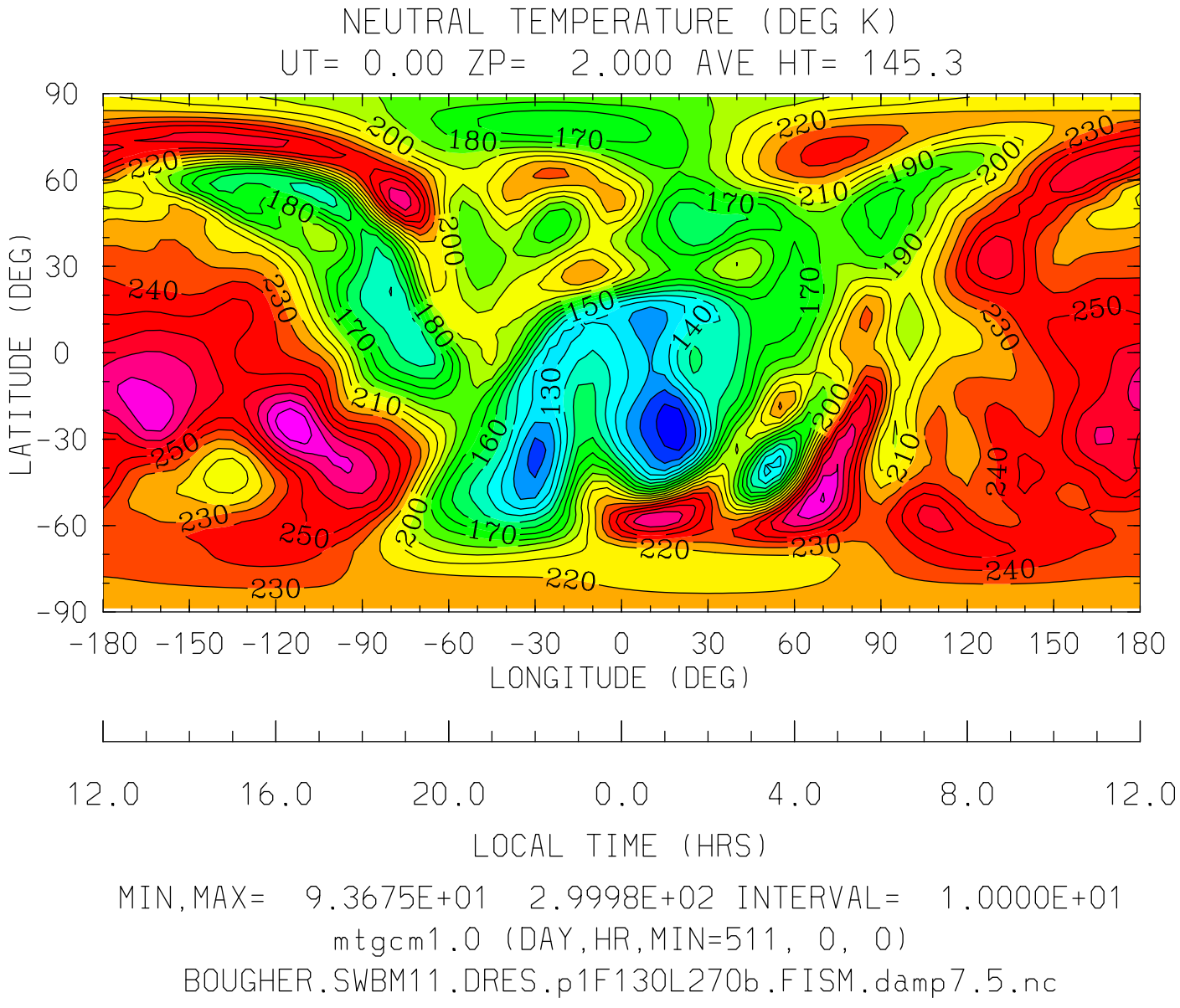
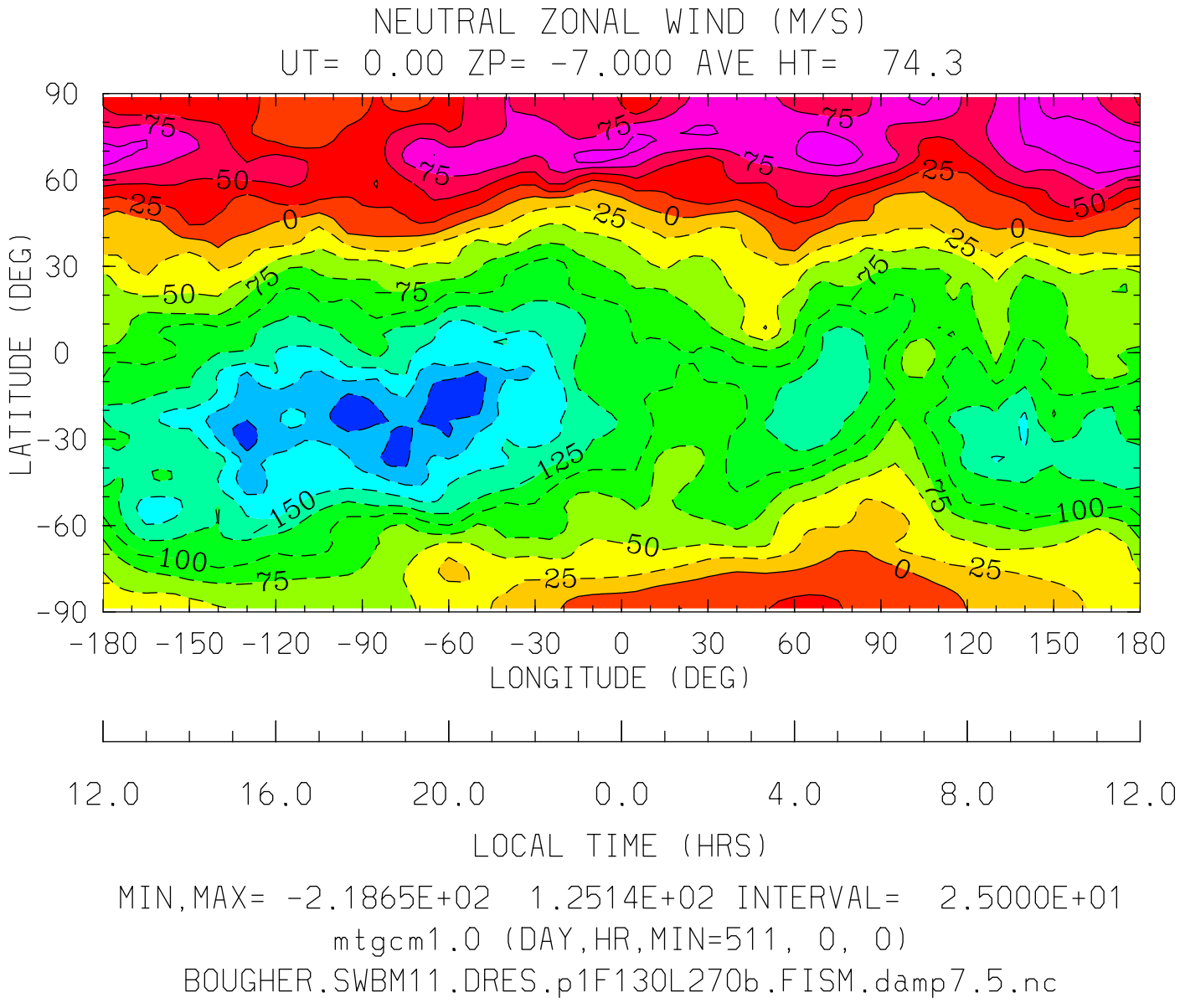
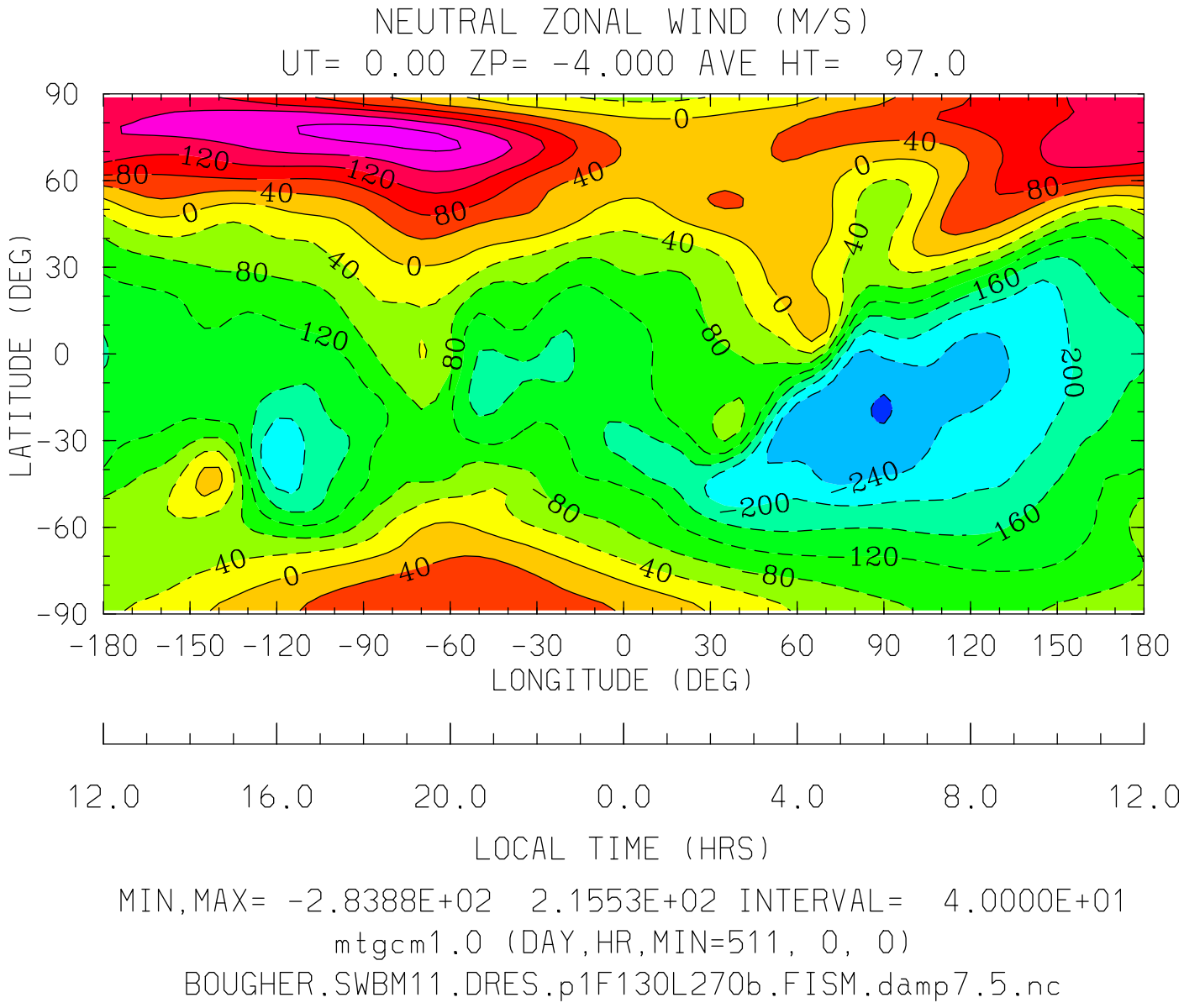

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -7.000 AVE HT= 74.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.2249E+02 2.1038E+02 INTERVAL= 5.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

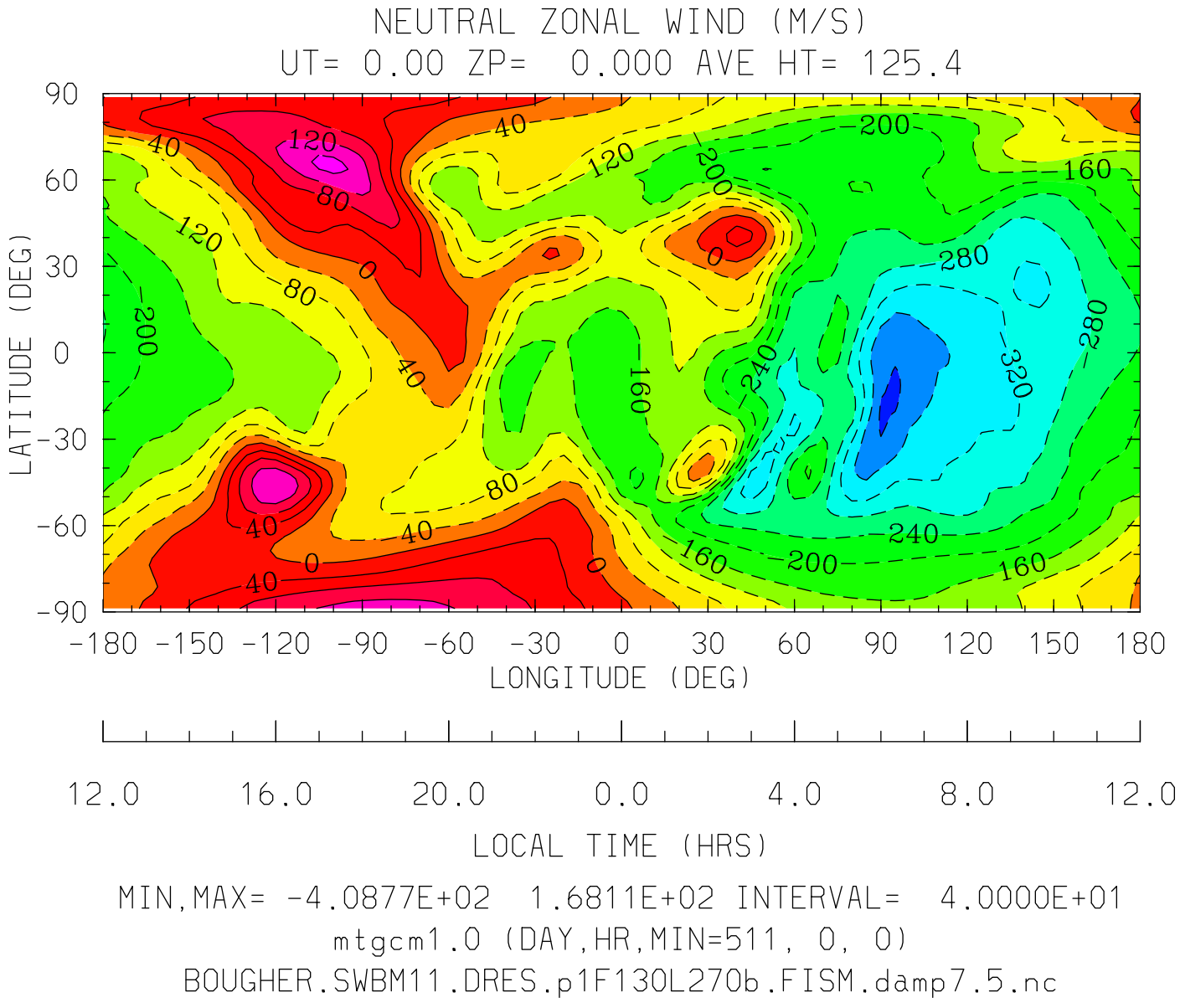

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.000 AVE HT= 97.0
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.0712E+02 1.8378E+02 INTERVAL= 5.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

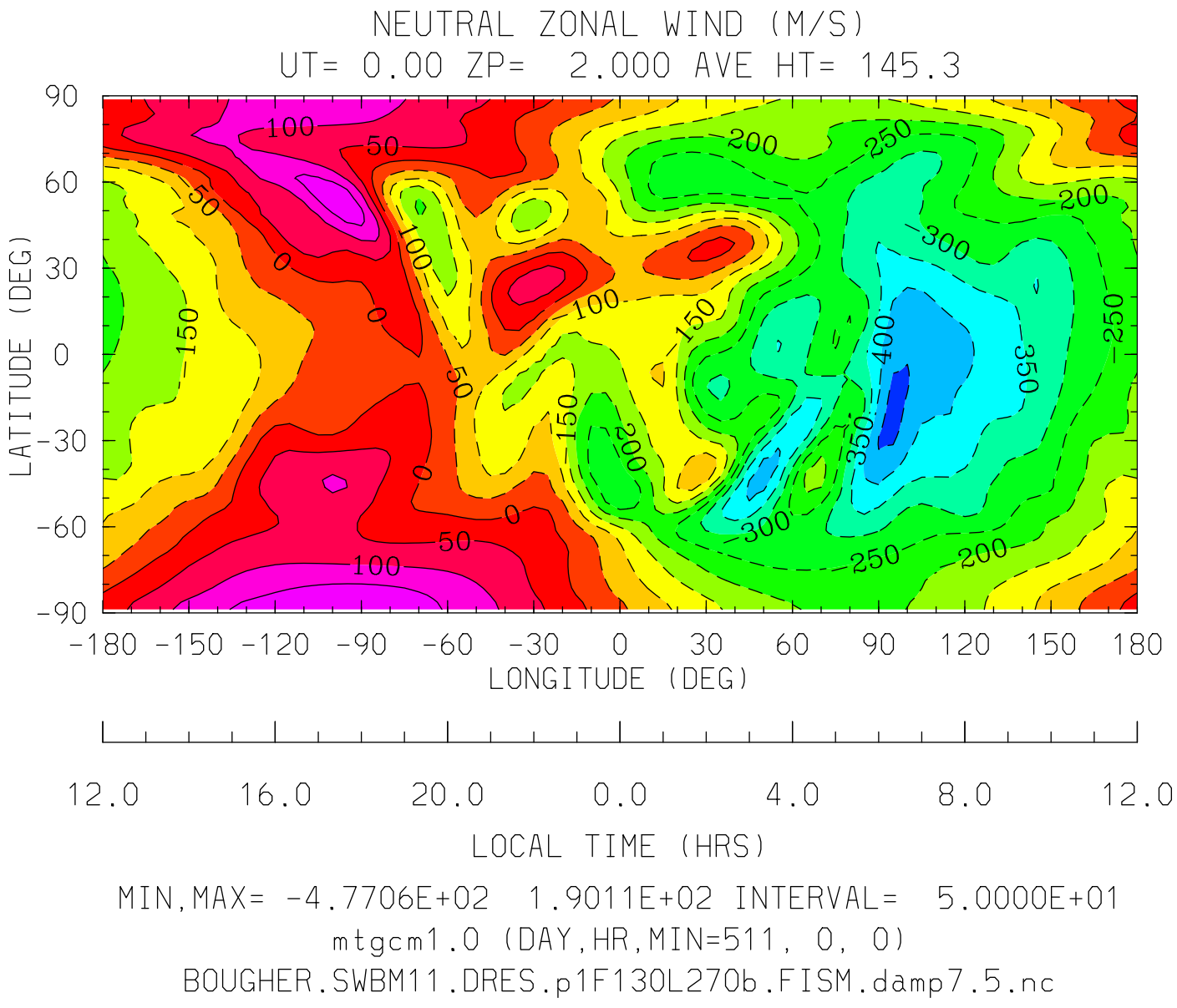

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 0.000 AVE HT= 125.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 9.4870E+01 2.3532E+02 INTERVAL= 1.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

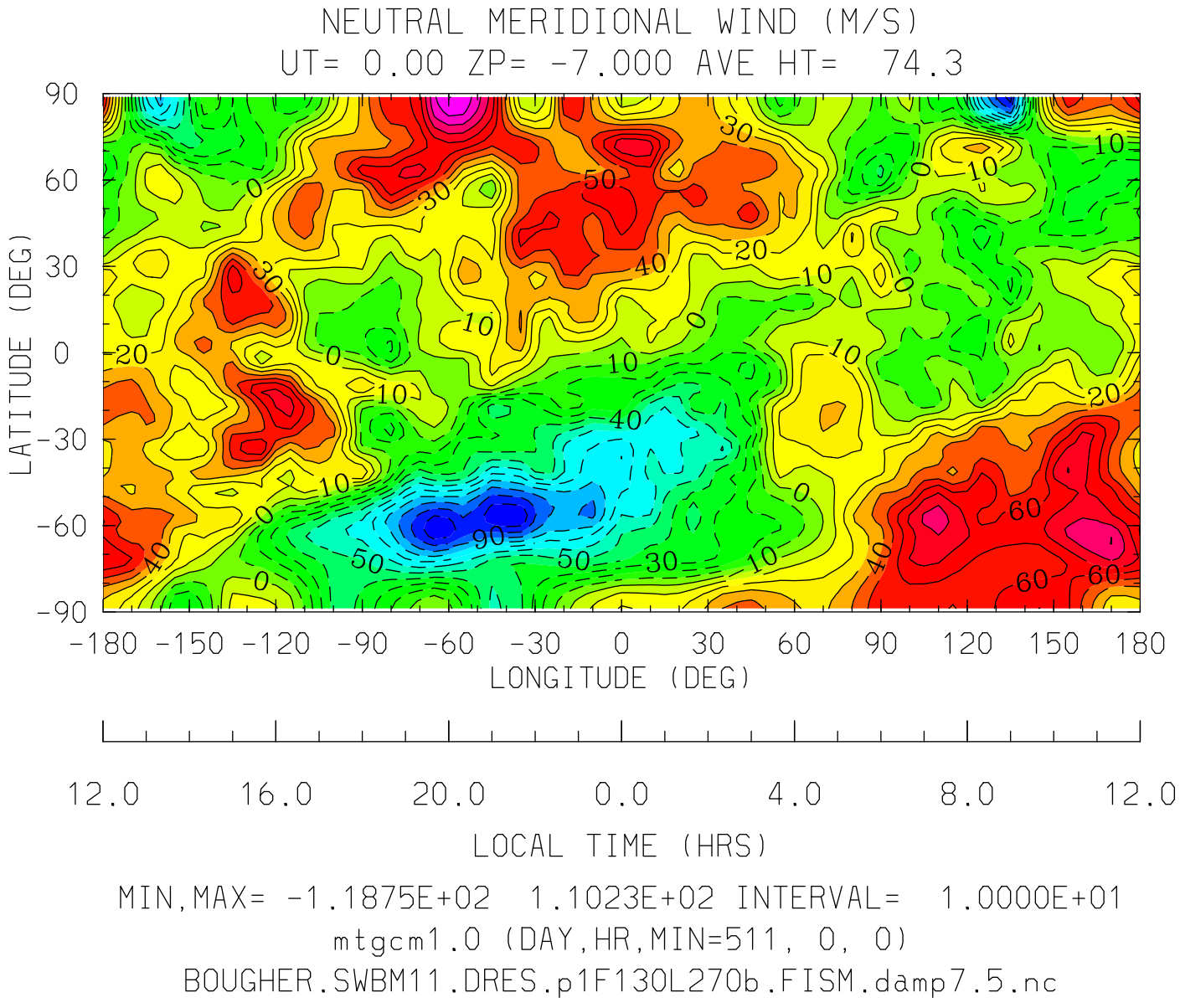

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 ZP= 2.000 AVE HT= 145.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 9.3675E+01 2.9998E+02 INTERVAL= 1.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

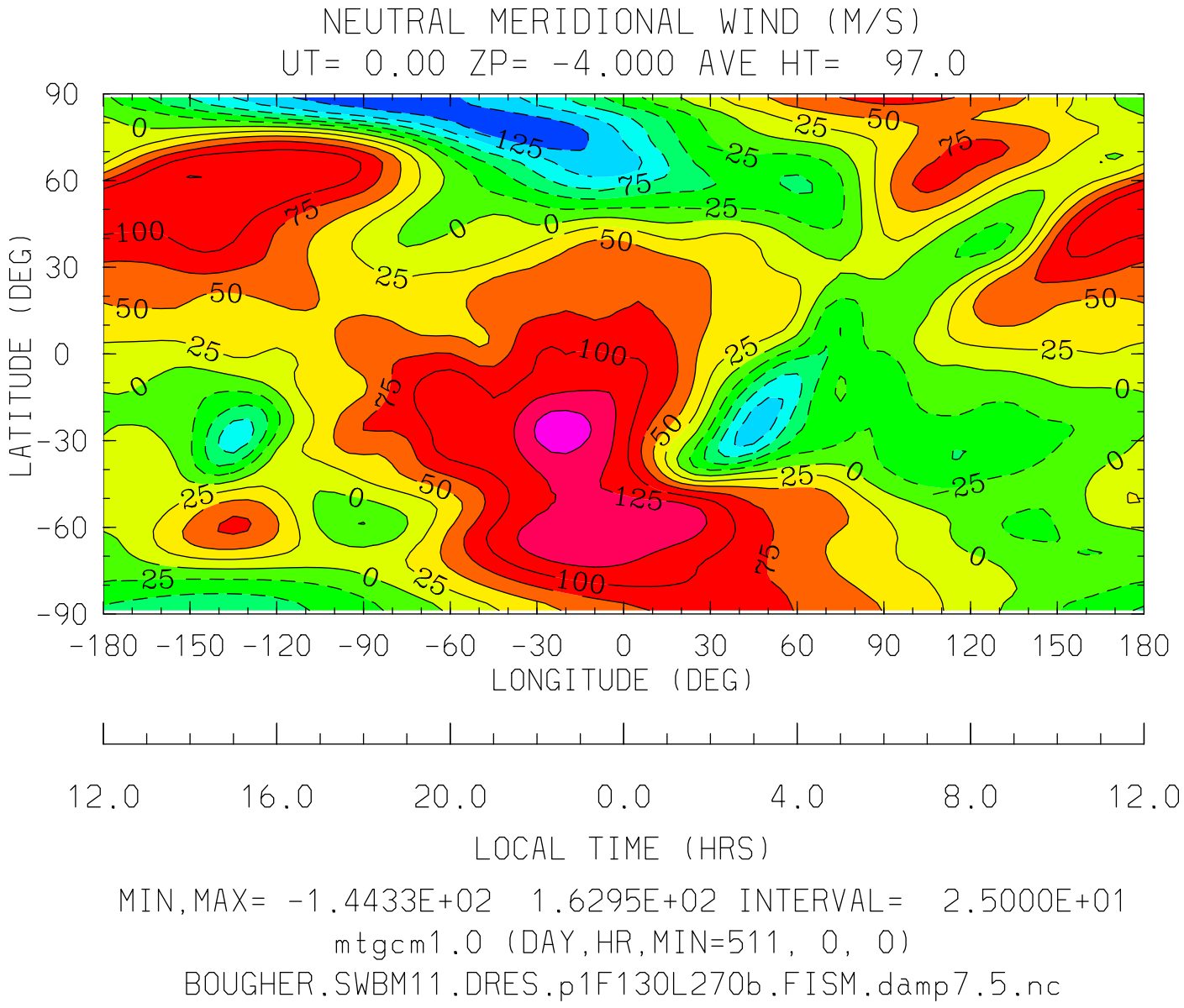

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -7.000 AVE HT= 74.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -2.1865E+02 1.2514E+02 INTERVAL= 2.5000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

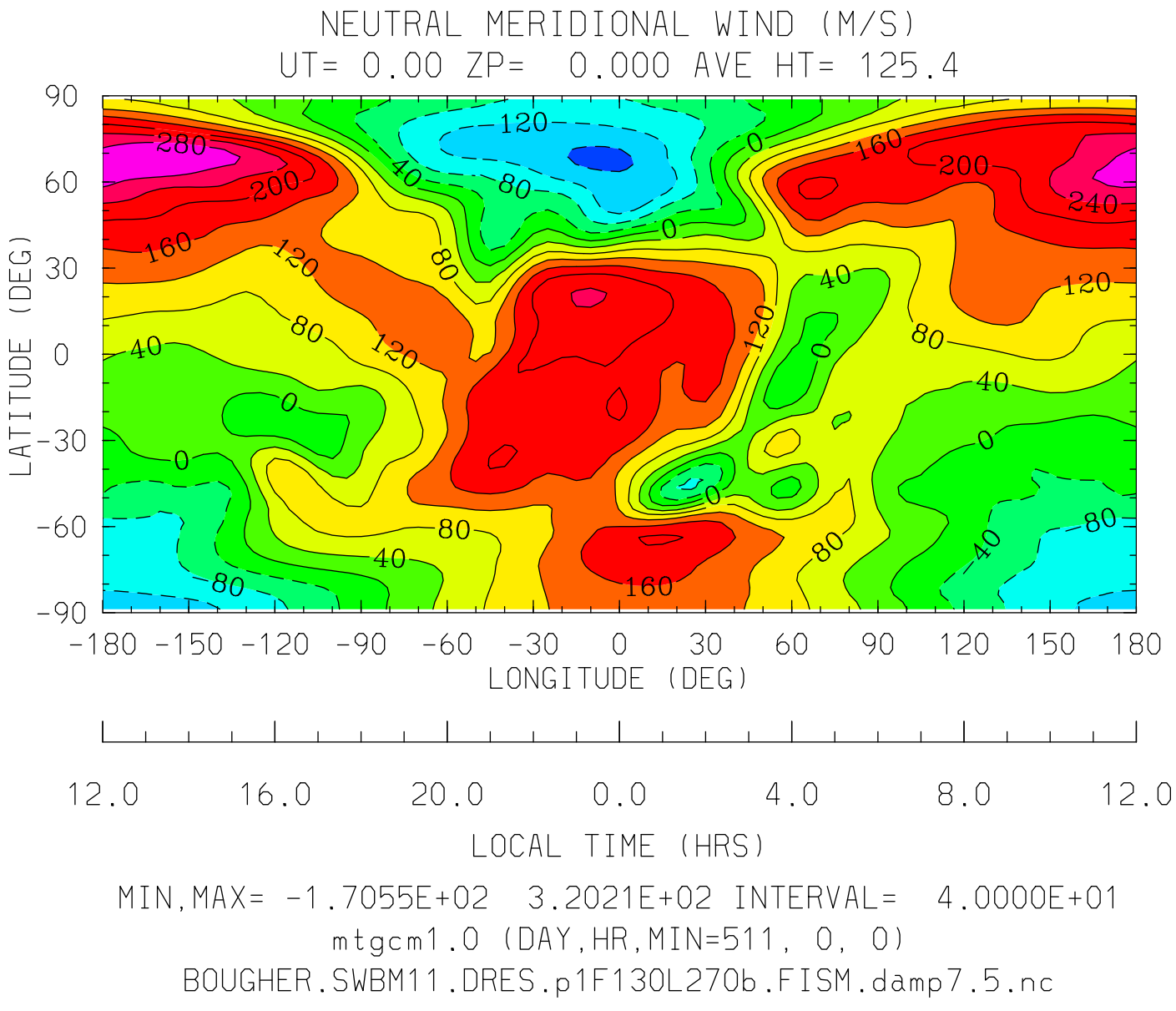

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 97.0
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -2.8388E+02 2.1553E+02 INTERVAL= 4.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

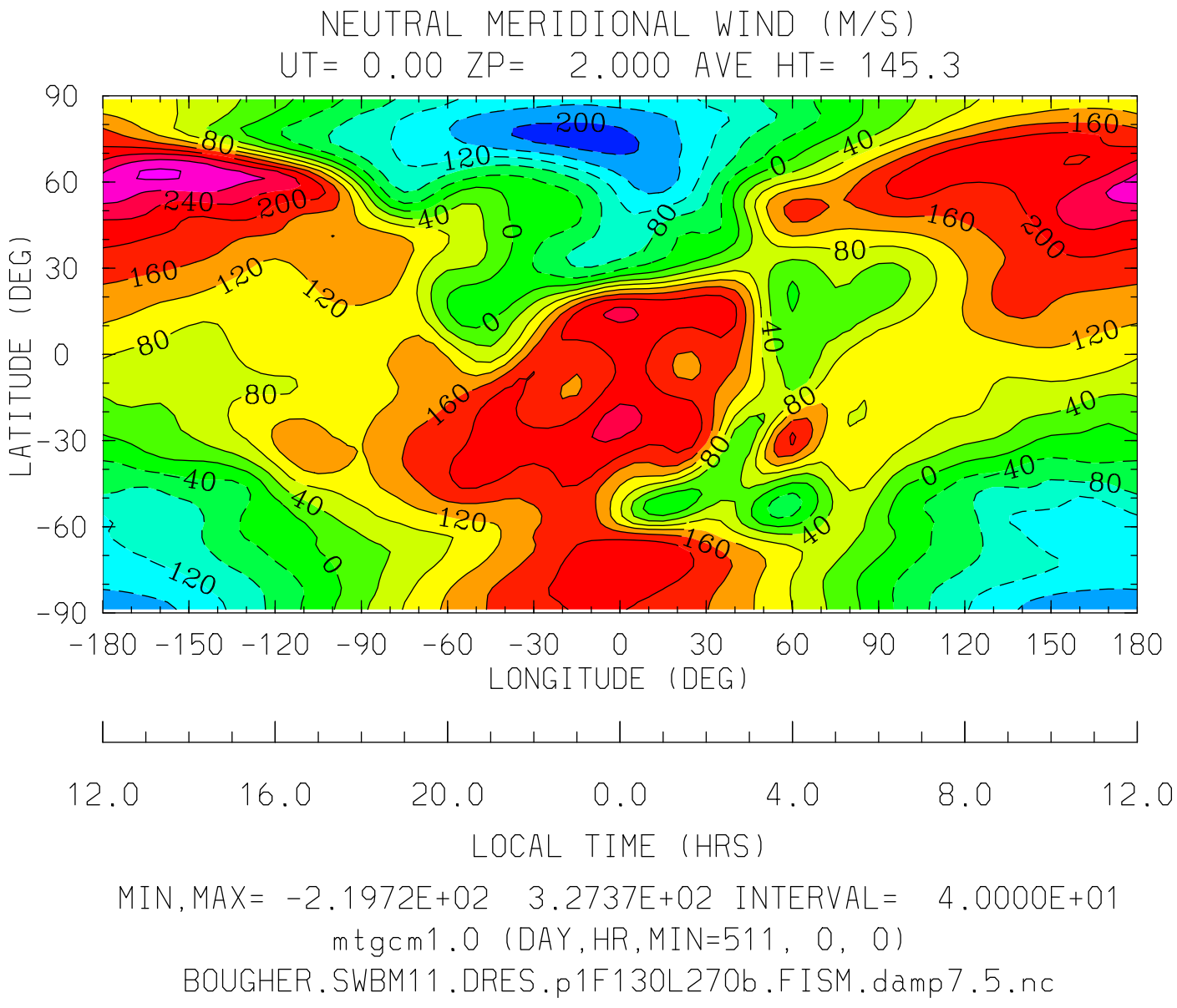

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 125.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -4.0877E+02 1.6811E+02 INTERVAL= 4.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

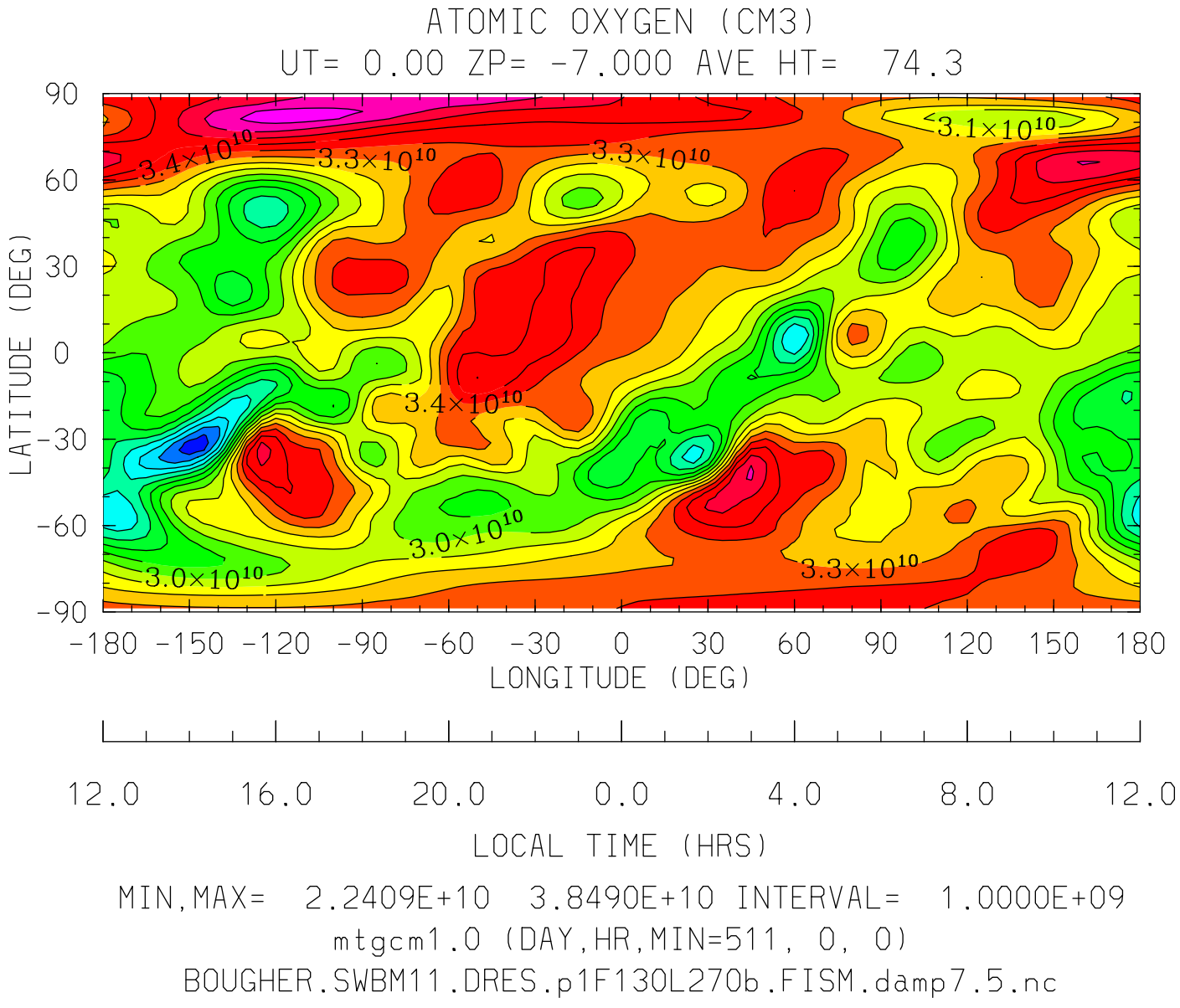

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 145.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -4.7706E+02 1.9011E+02 INTERVAL= 5.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

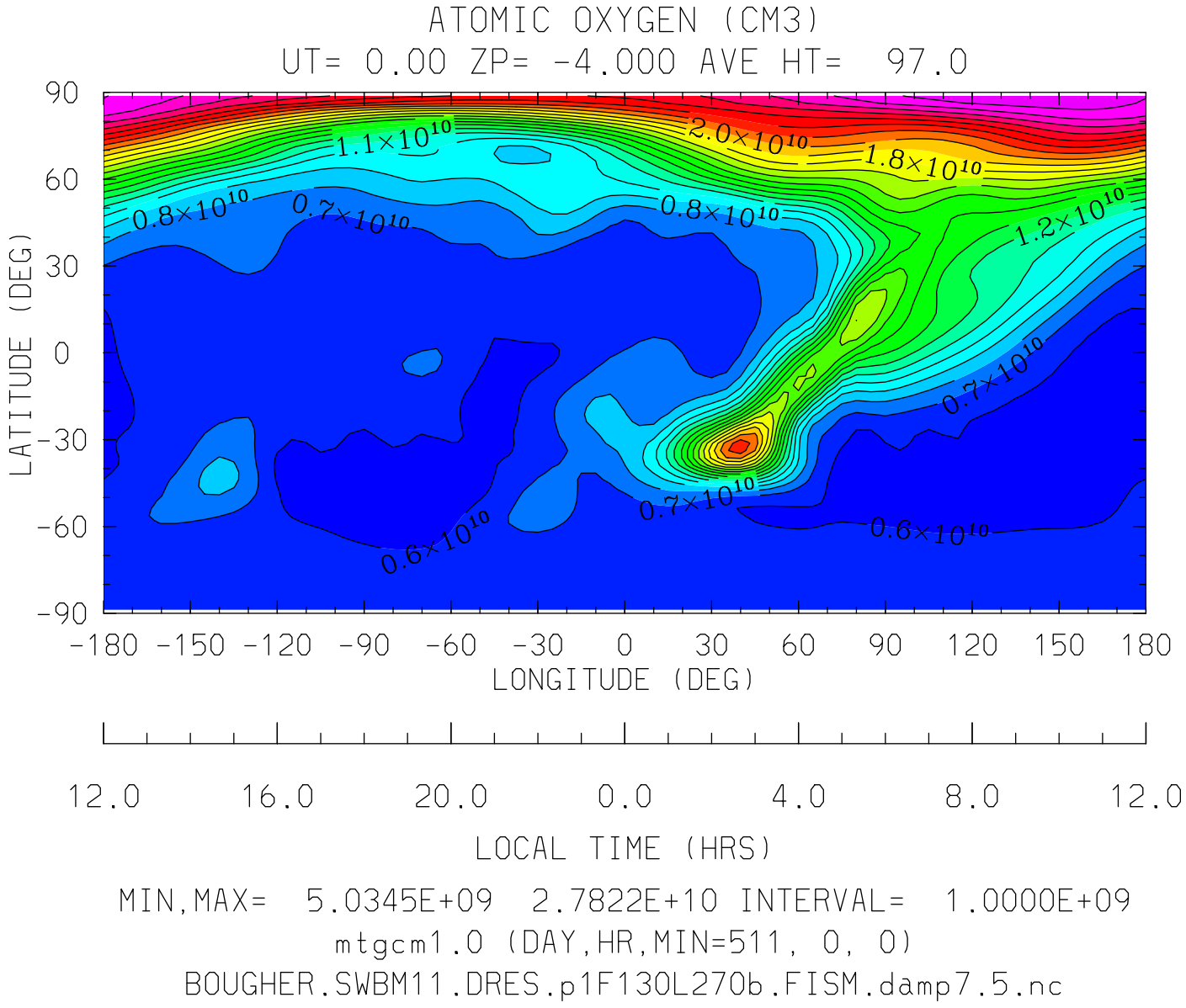

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -7.000 AVE HT= 74.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.1875E+02 1.1023E+02 INTERVAL= 1.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 97.0
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.4433E+02 1.6295E+02 INTERVAL= 2.5000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 125.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -1.7055E+02 3.2021E+02 INTERVAL= 4.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 145.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -2.1972E+02 3.2737E+02 INTERVAL= 4.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

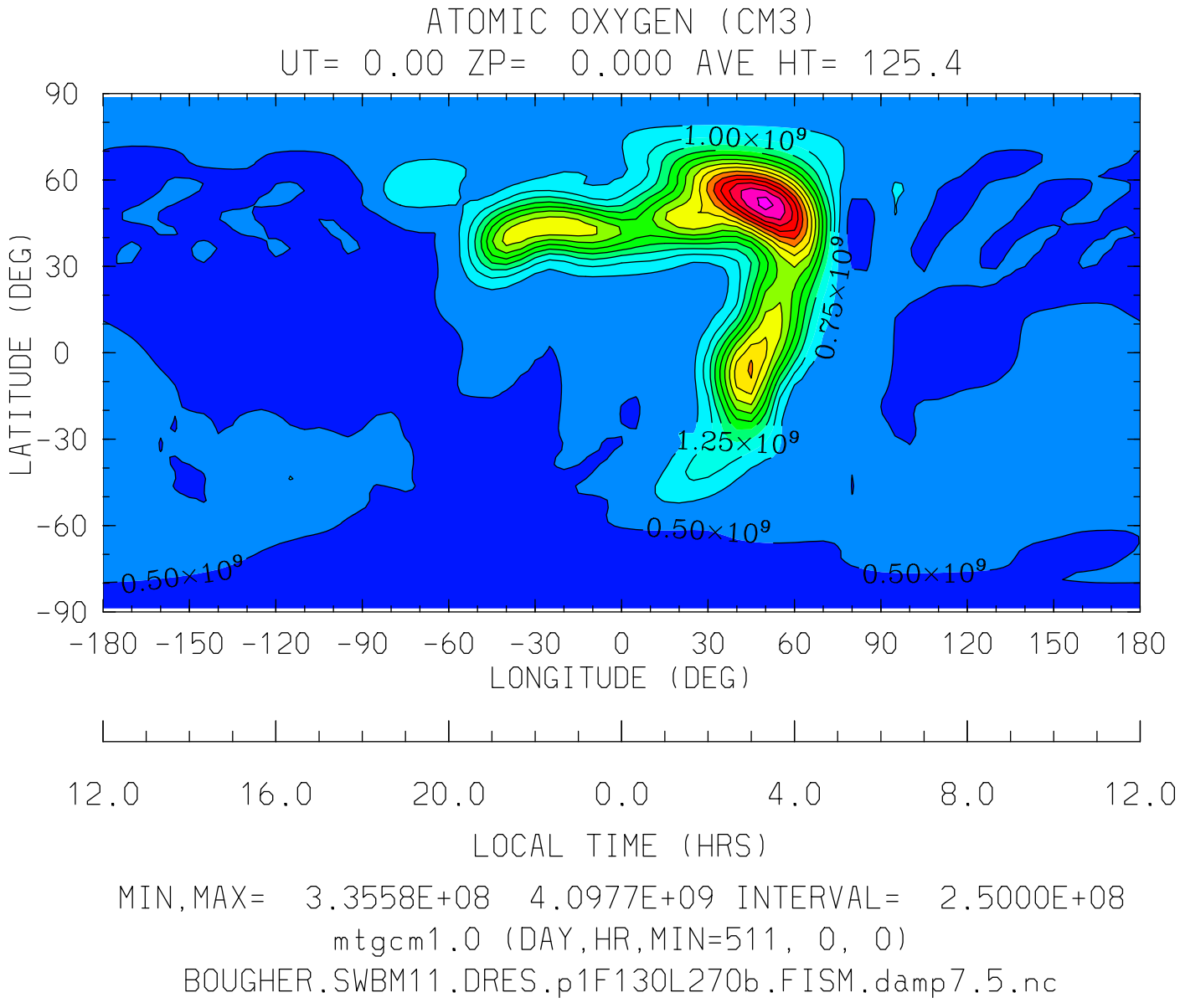

ATOMIC OXYGEN (CM3)
UT= 0.00 ZP= -7.000 AVE HT= 74.3
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
3.4×10^10
3.3×10^10
3.3×10^10
3.1×10^10
3.4×10^10
3.0×10^10
3.0×10^10
3.3×10^10
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 2.2409E+10 3.8490E+10 INTERVAL= 1.0000E+09
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

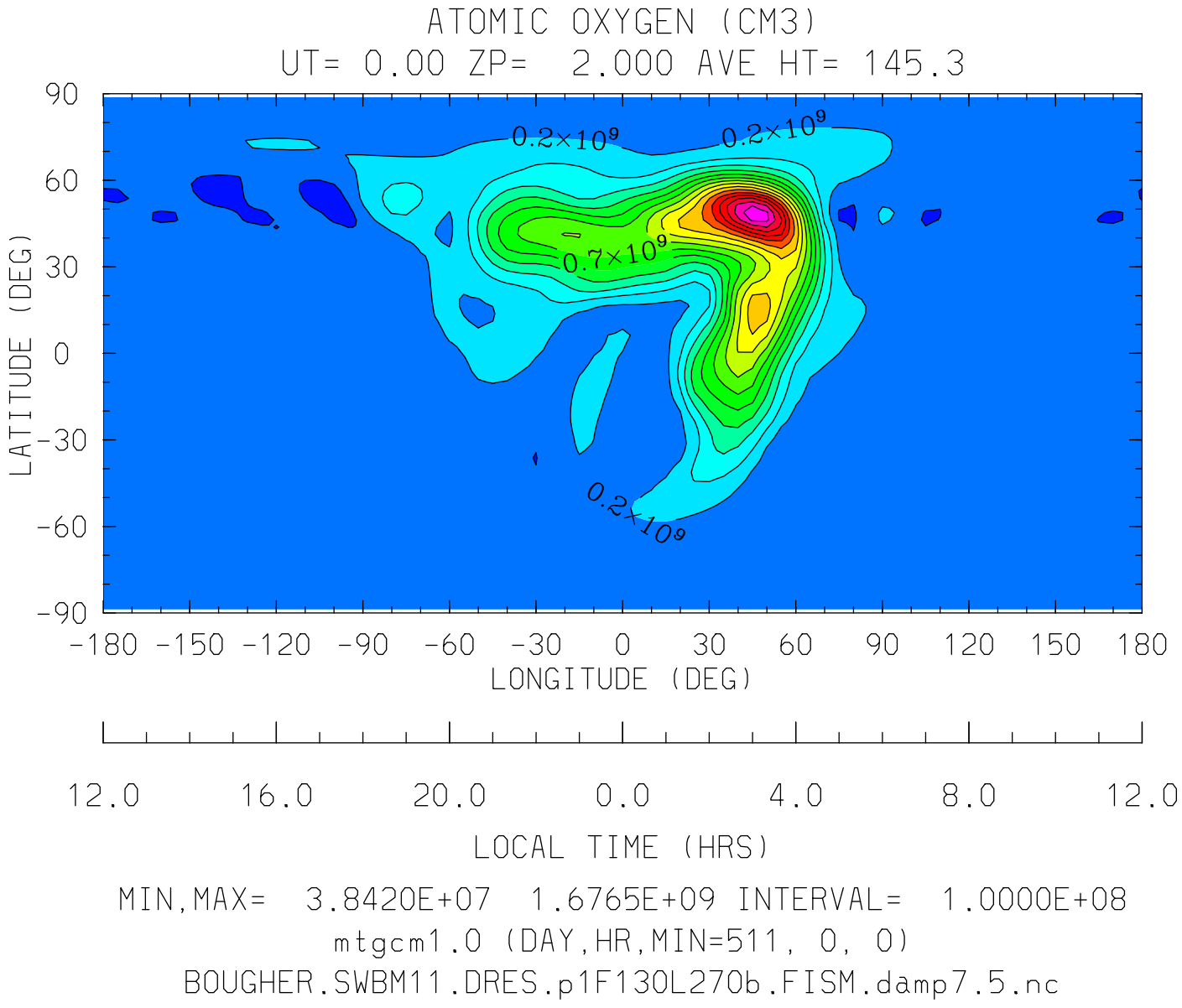


MIN,MAX= 5.0345E+09 2.7822E+10 INTERVAL= 1.0000E+09

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

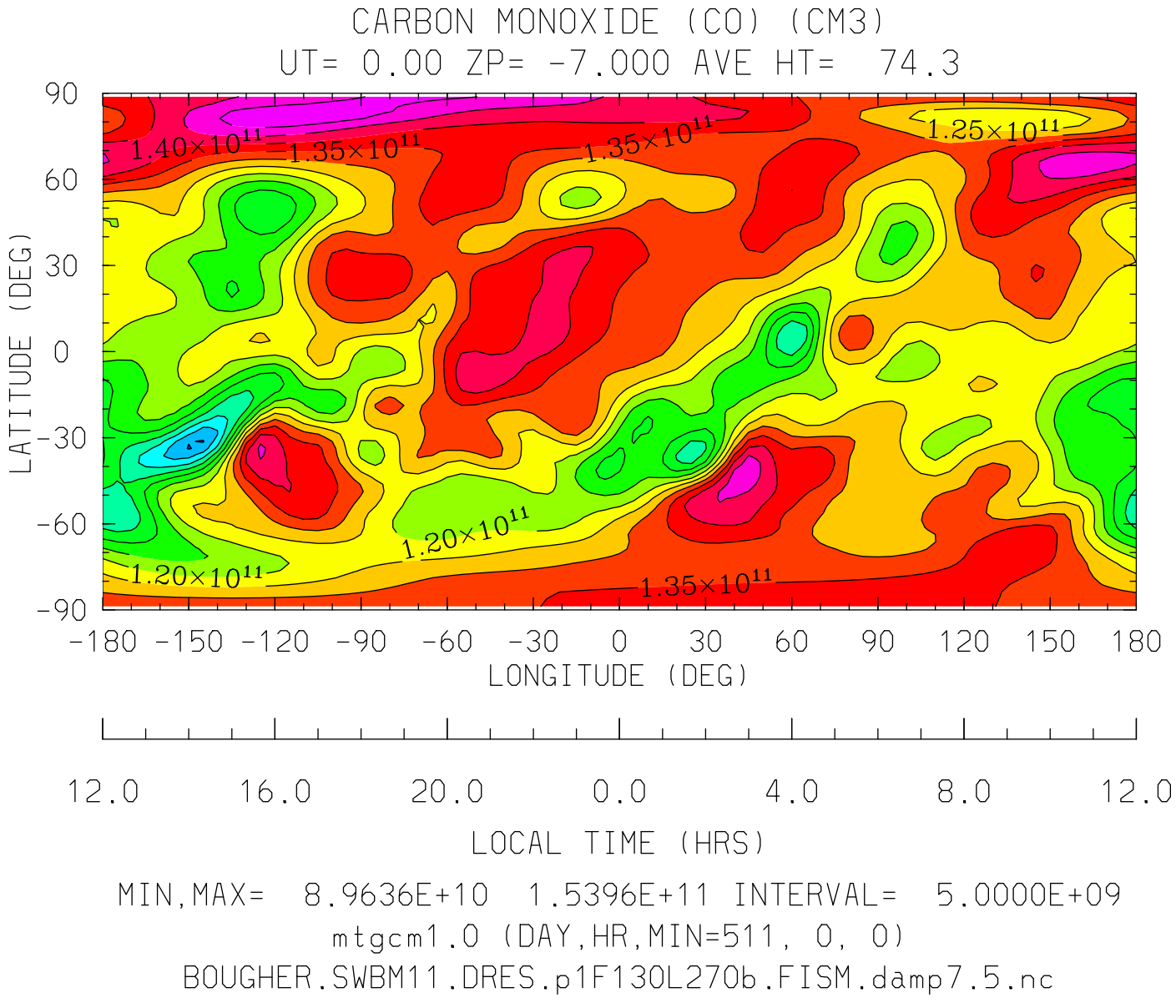

ATOMIC OXYGEN (CM3)
UT= 0.00 ZP= 0.000 AVE HT= 125.4
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
1.00×10⁹
0.75×10⁹
1.25×10⁹
0.50×10⁹
0.50×10⁹
0.50×10⁹
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 3.3558E+08 4.0977E+09 INTERVAL= 2.5000E+08
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

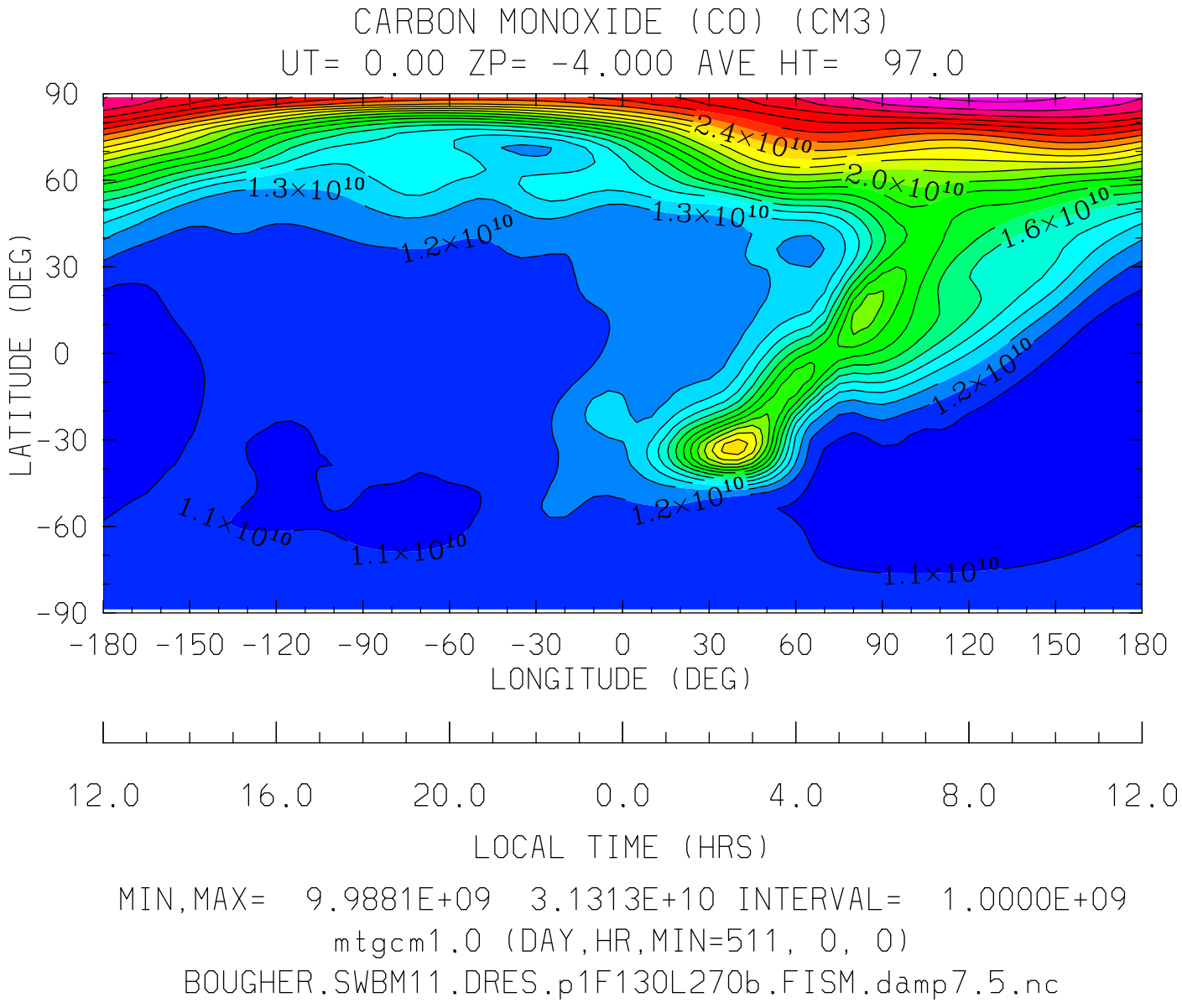


MIN,MAX= 3.8420E+07 1.6765E+09 INTERVAL= 1.0000E+08

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

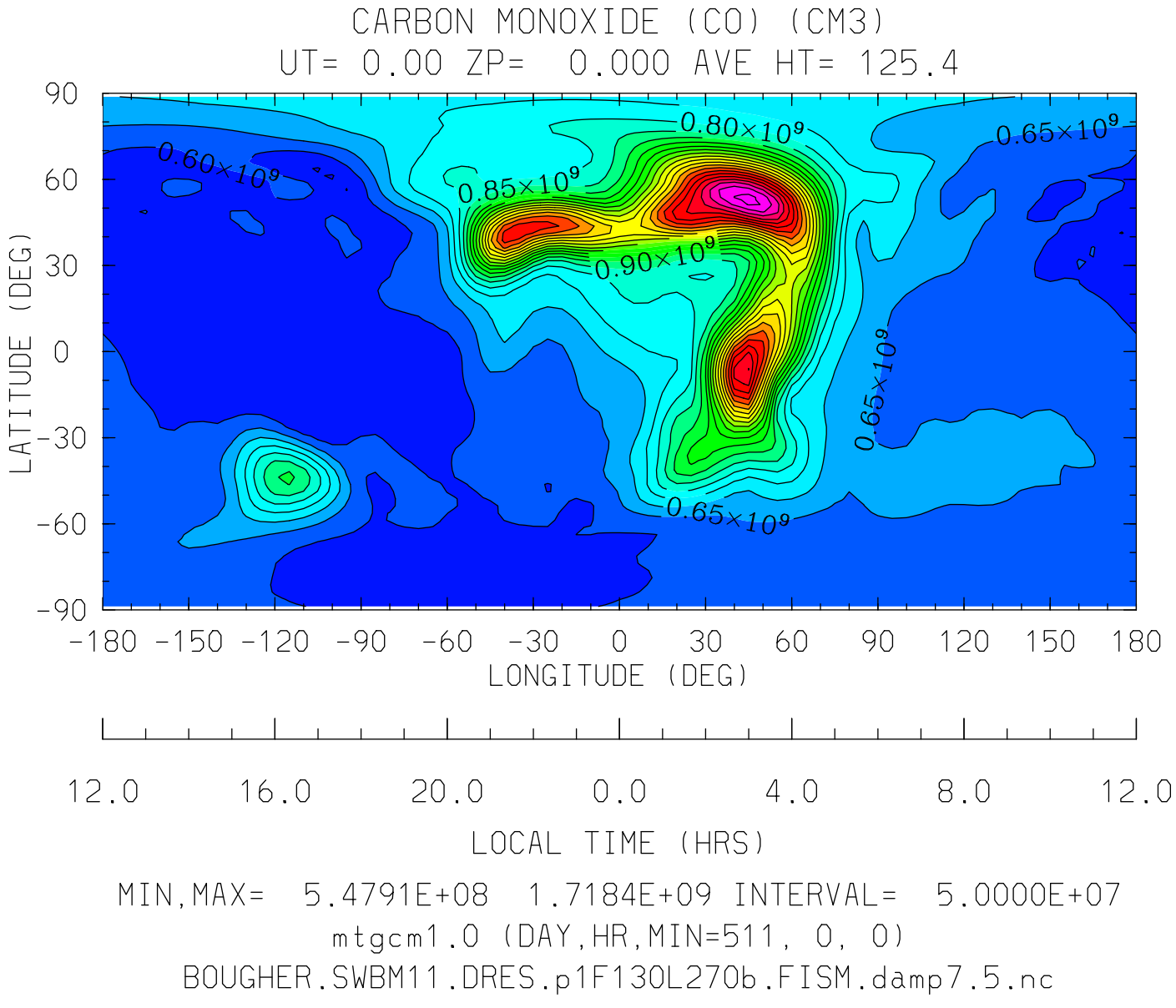

CARBON MONOXIDE (CO) (CM3)
UT= 0.00 ZP= -7.000 AVE HT= 74.3
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
1.40×10^11
1.35×10^11
1.35×10^11
1.25×10^11
1.20×10^11
1.20×10^11
1.35×10^11
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 8.9636E+10 1.5396E+11 INTERVAL= 5.0000E+09
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

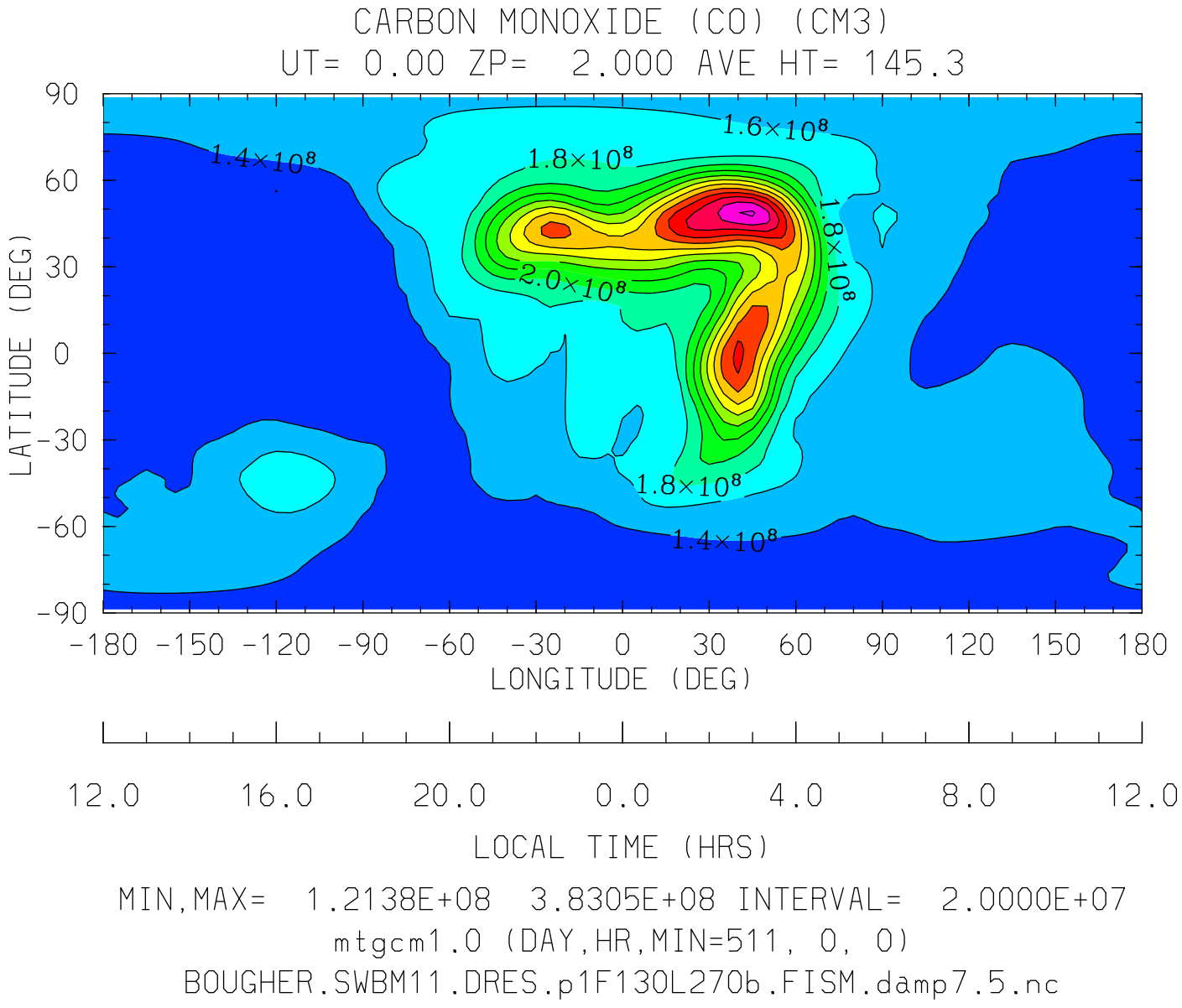


MIN,MAX= 9.9881E+09 3.1313E+10 INTERVAL= 1.0000E+09

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

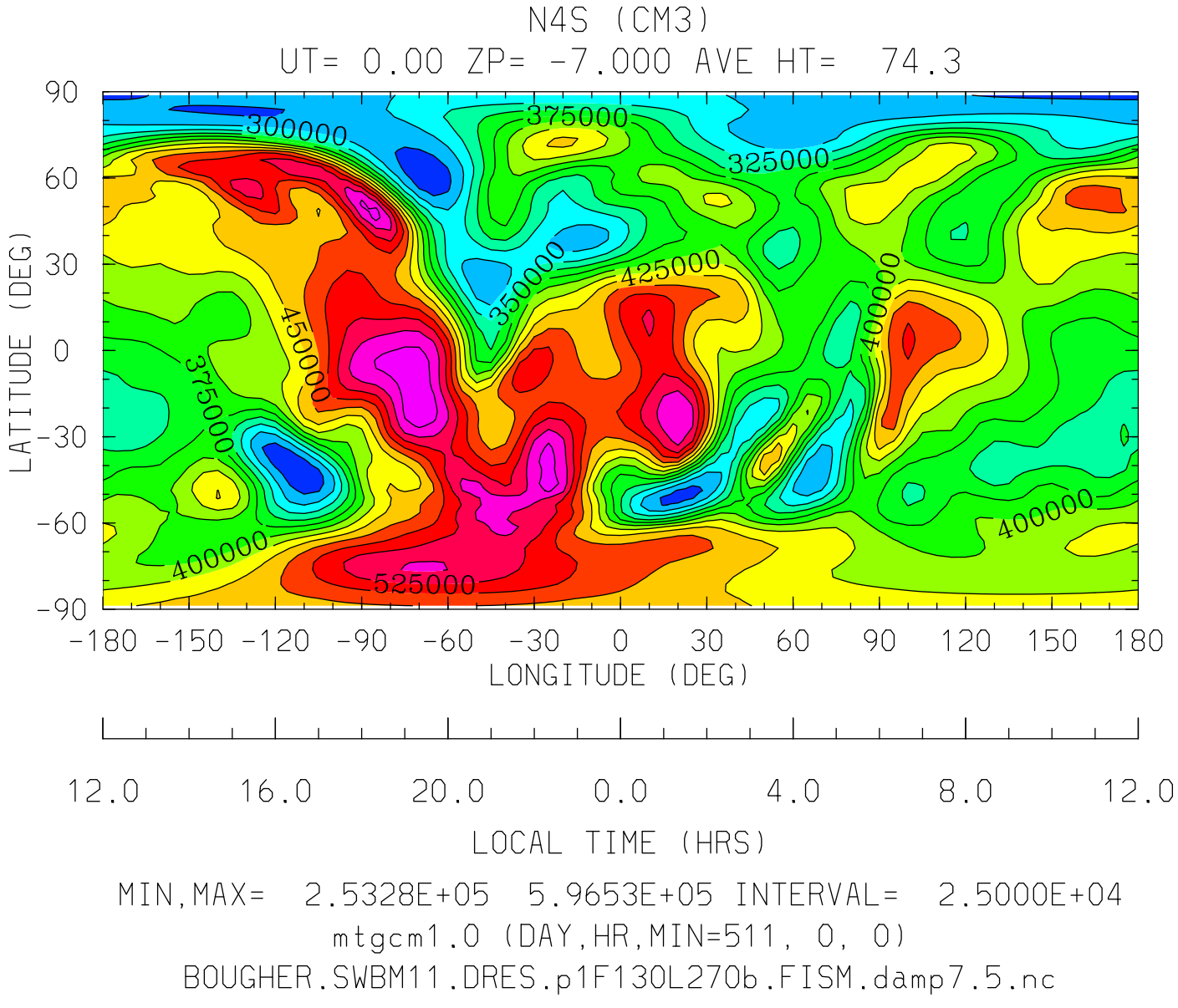

CARBON MONOXIDE (CO) (CM3)
UT= 0.00 ZP= 0.000 AVE HT= 125.4
0.80×10⁹
0.65×10⁹
0.60×10⁹
0.85×10⁹
0.90×10⁹
0.65×10⁹
0.65×10⁹
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 5.4791E+08 1.7184E+09 INTERVAL= 5.0000E+07
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 1.2138E+08 3.8305E+08 INTERVAL= 2.0000E+07

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

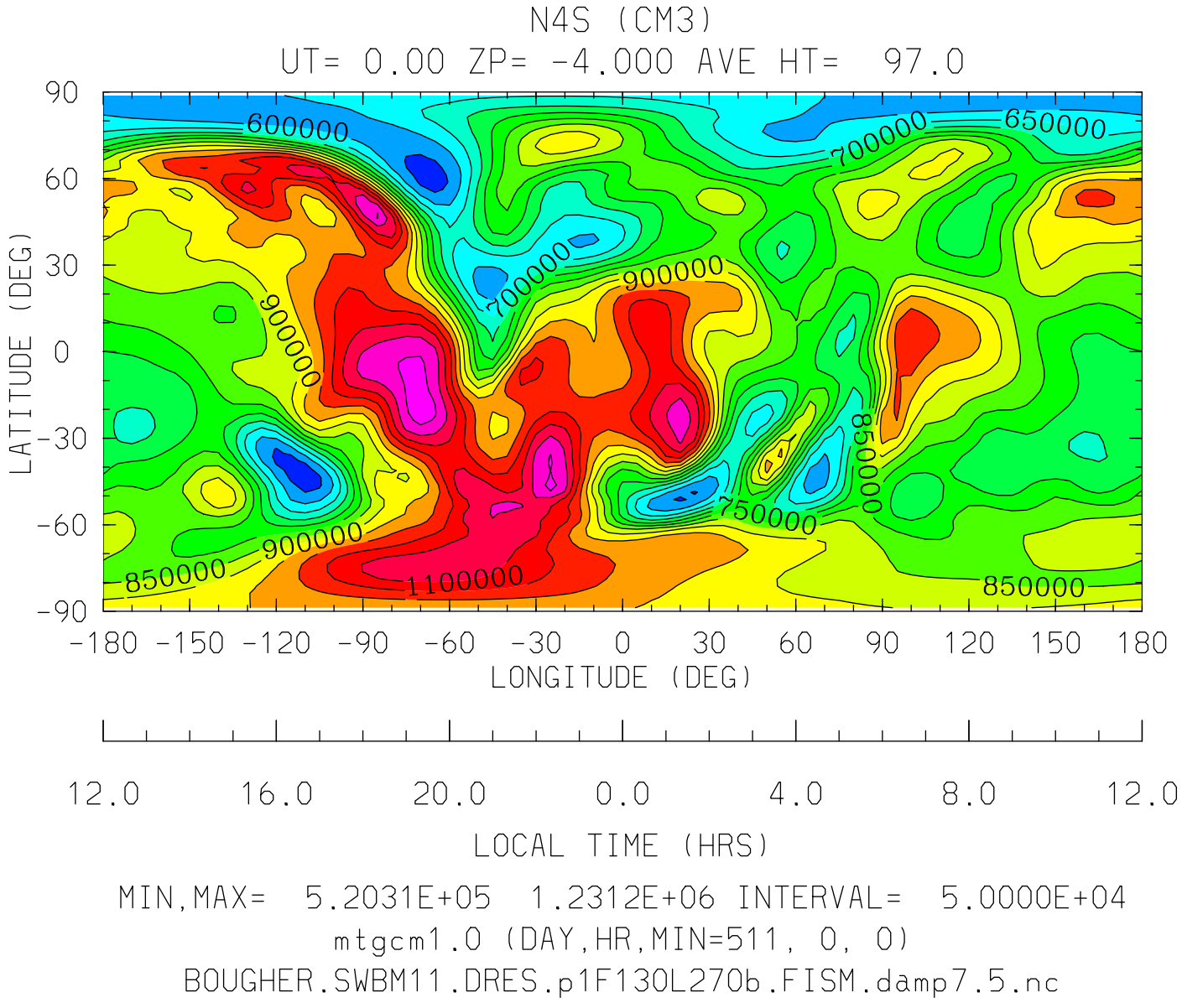
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 2.5328E+05 5.9653E+05 INTERVAL= 2.5000E+04

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

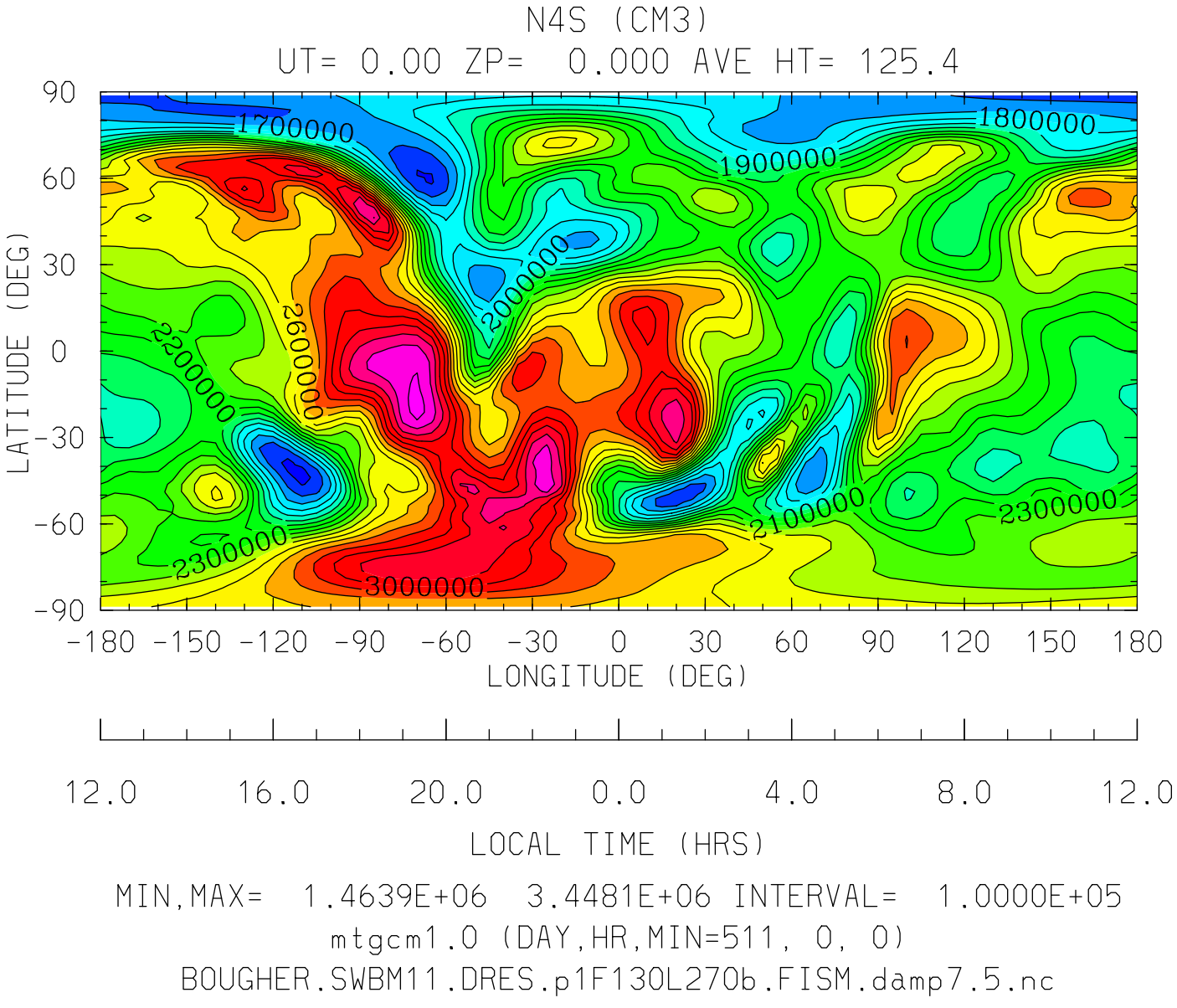
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 5.2031E+05 1.2312E+06 INTERVAL= 5.0000E+04

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

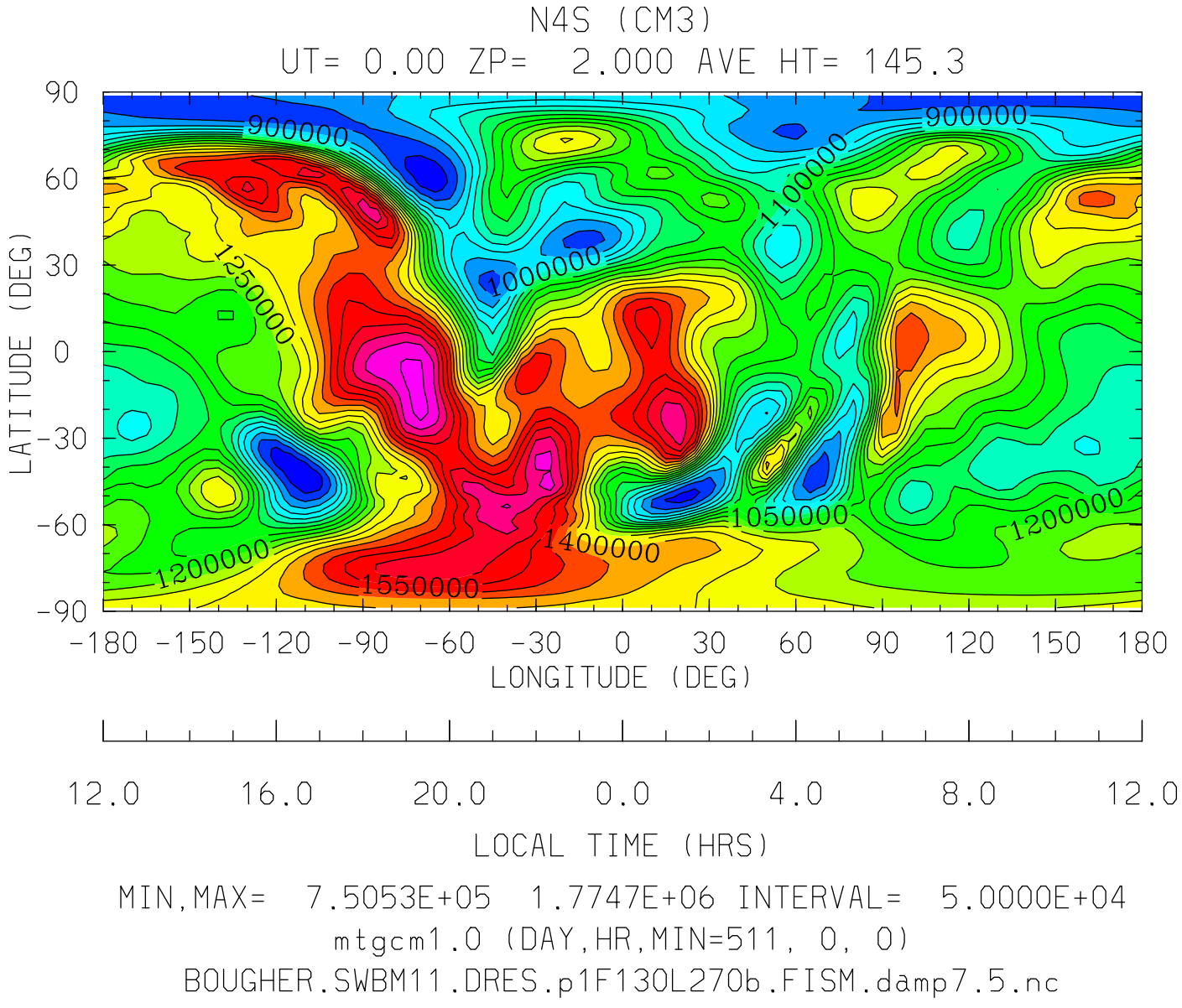
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 1.4639E+06 3.4481E+06 INTERVAL= 1.0000E+05

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

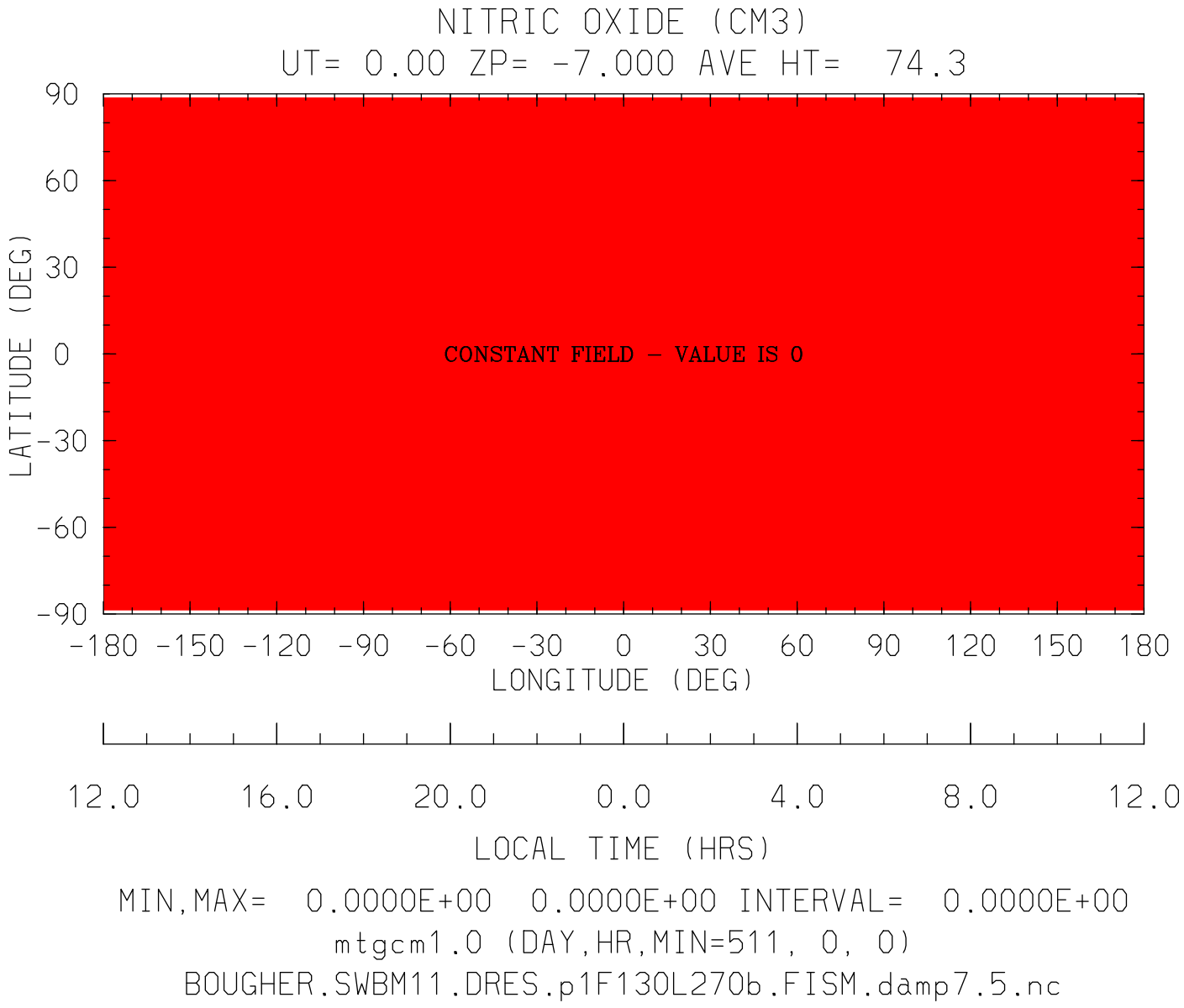
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

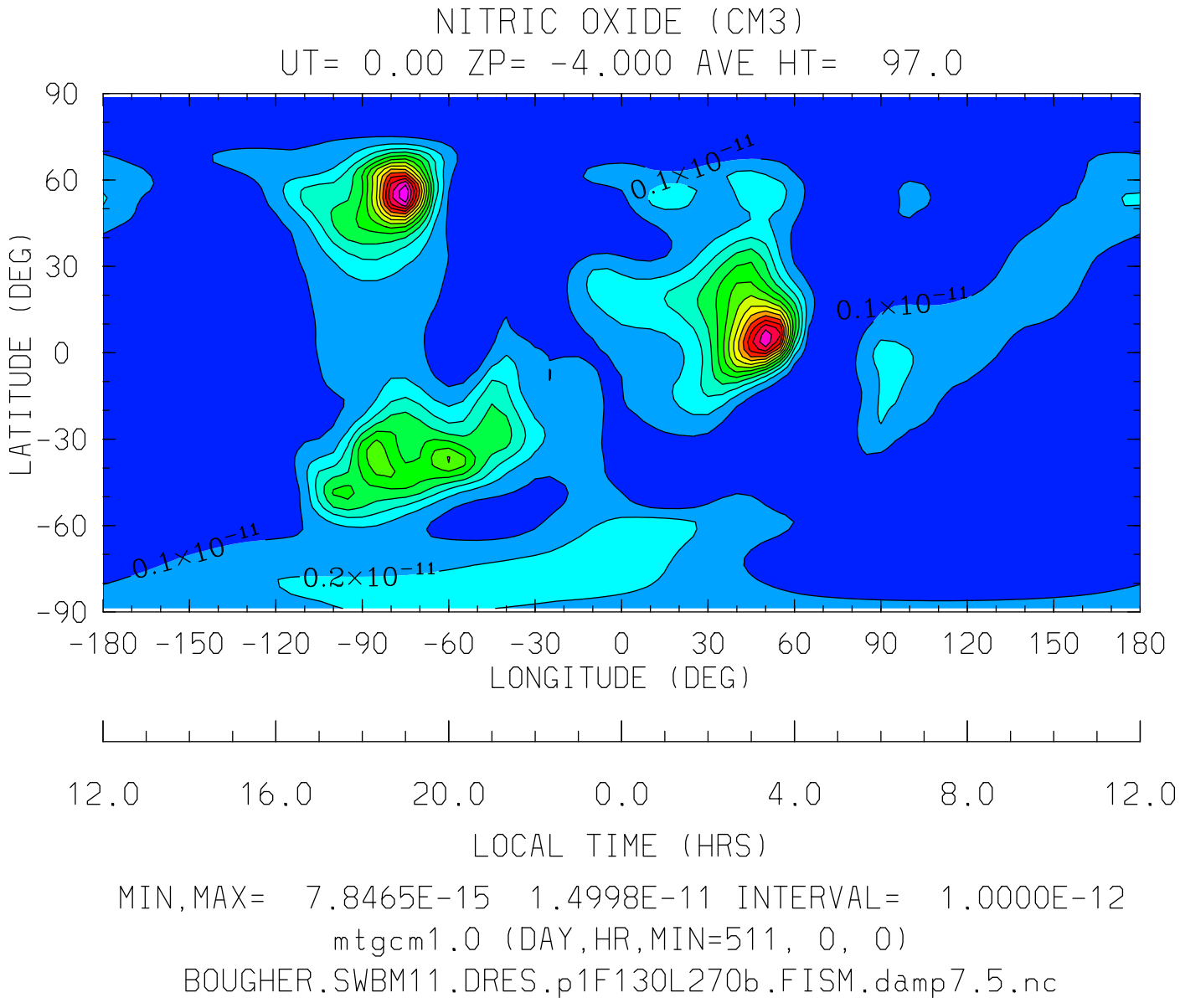


MIN,MAX= 7.5053E+05 1.7747E+06 INTERVAL= 5.0000E+04

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

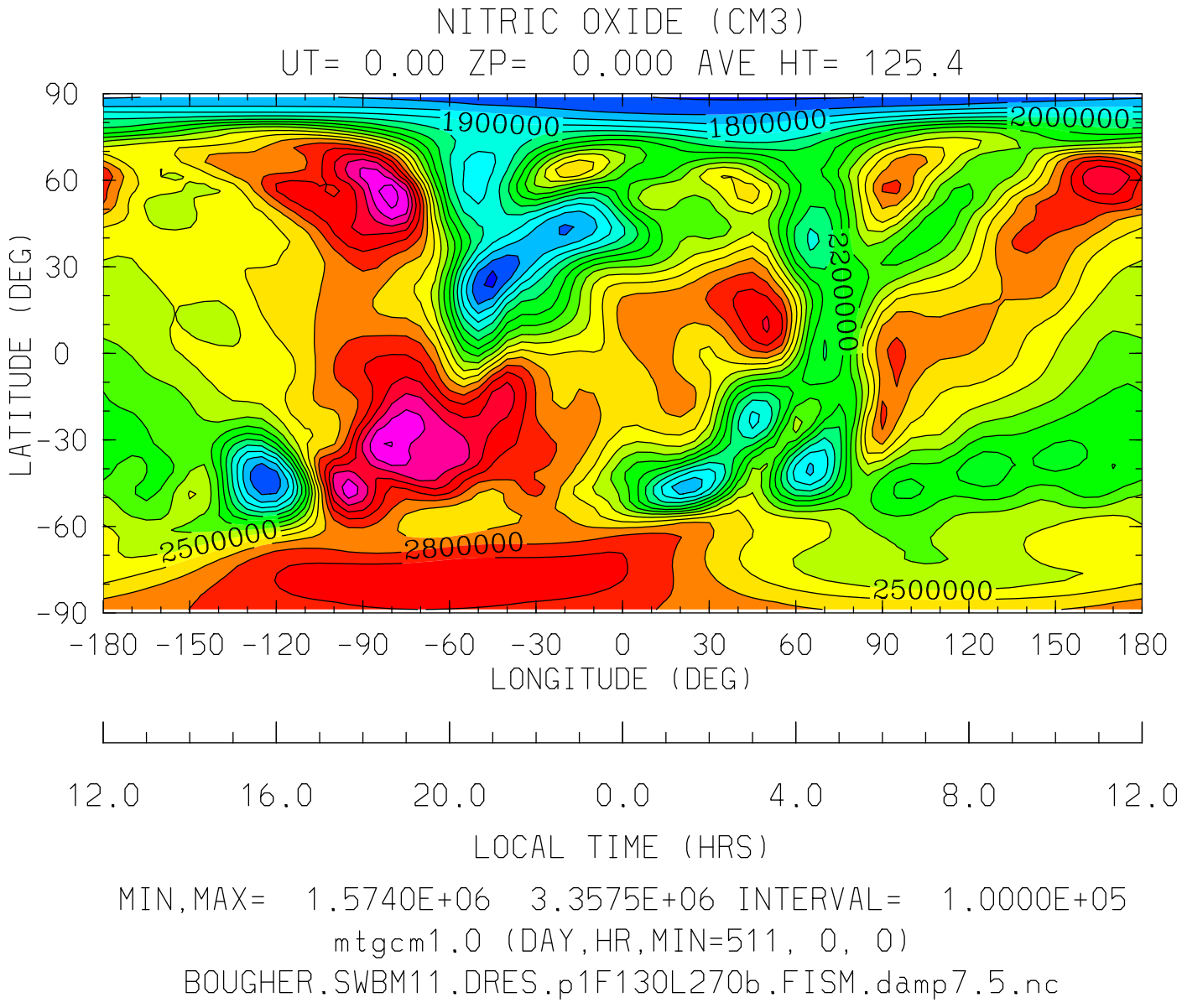

NITRIC OXIDE (CM3)
UT= 0.00 ZP= -7.000 AVE HT= 74.3
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
CONSTANT FIELD - VALUE IS 0
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 0.0000E+00 0.0000E+00 INTERVAL= 0.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 7.8465E-15 1.4998E-11 INTERVAL= 1.0000E-12

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

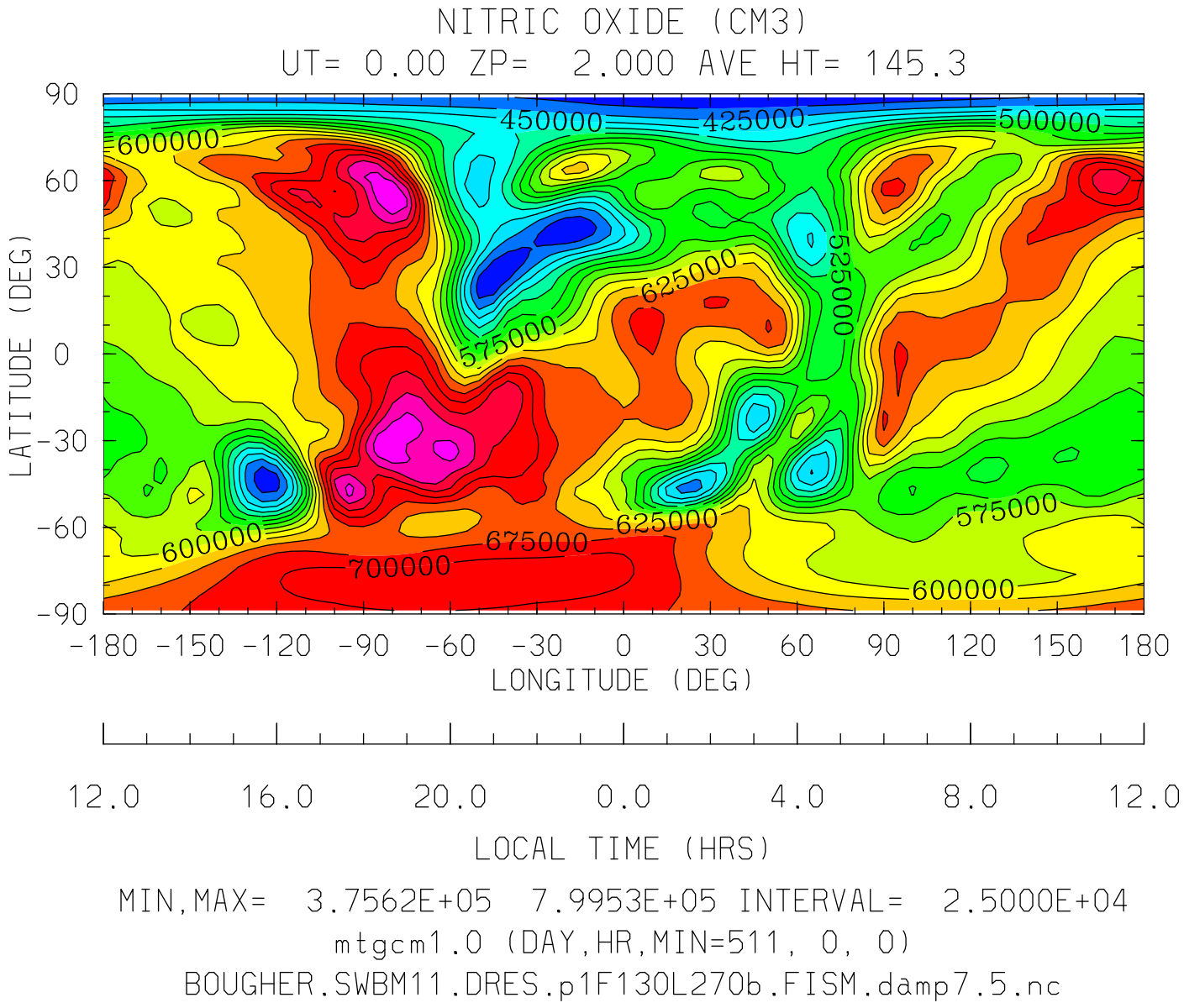
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 1.5740E+06 3.3575E+06 INTERVAL= 1.0000E+05

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

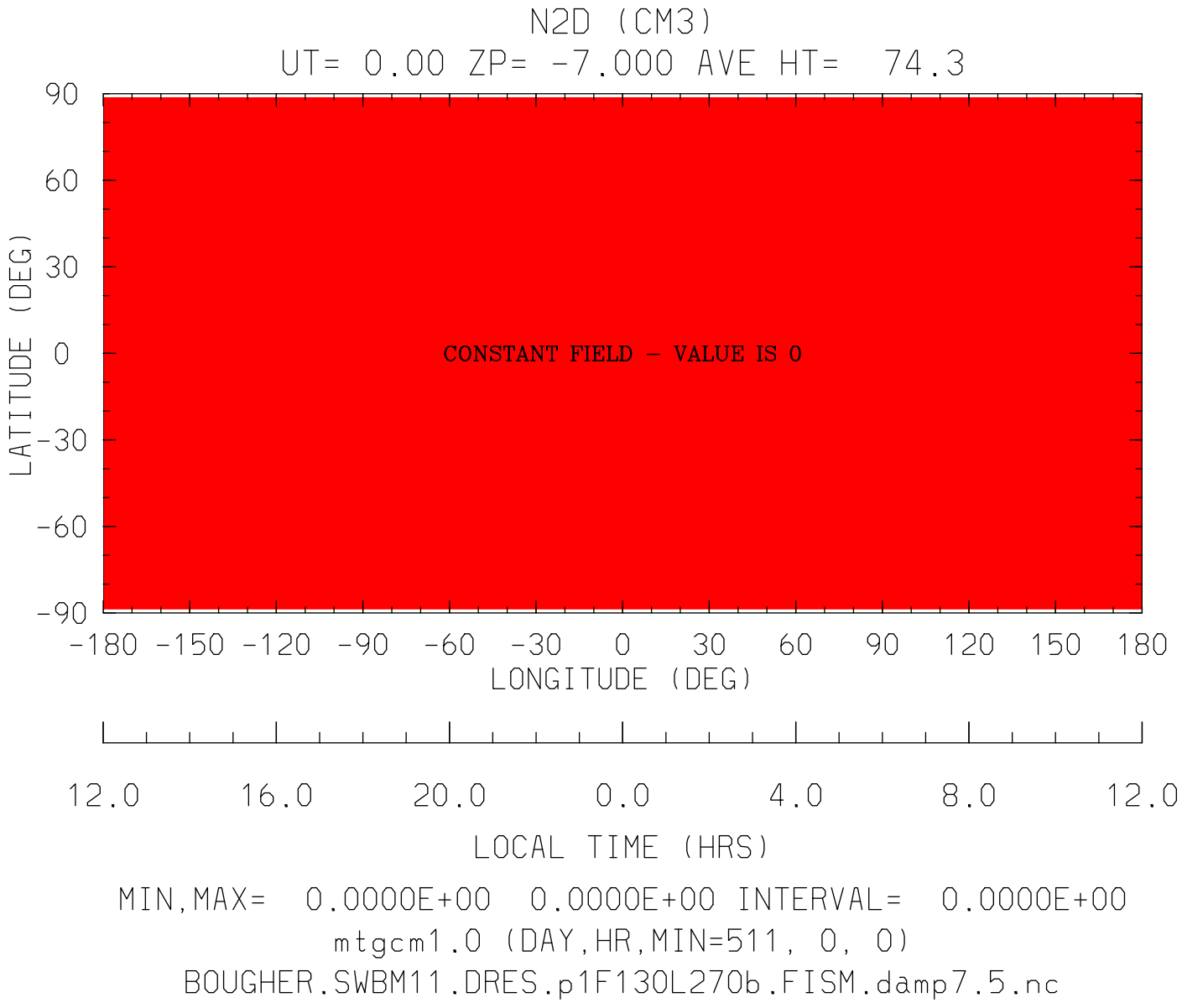
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

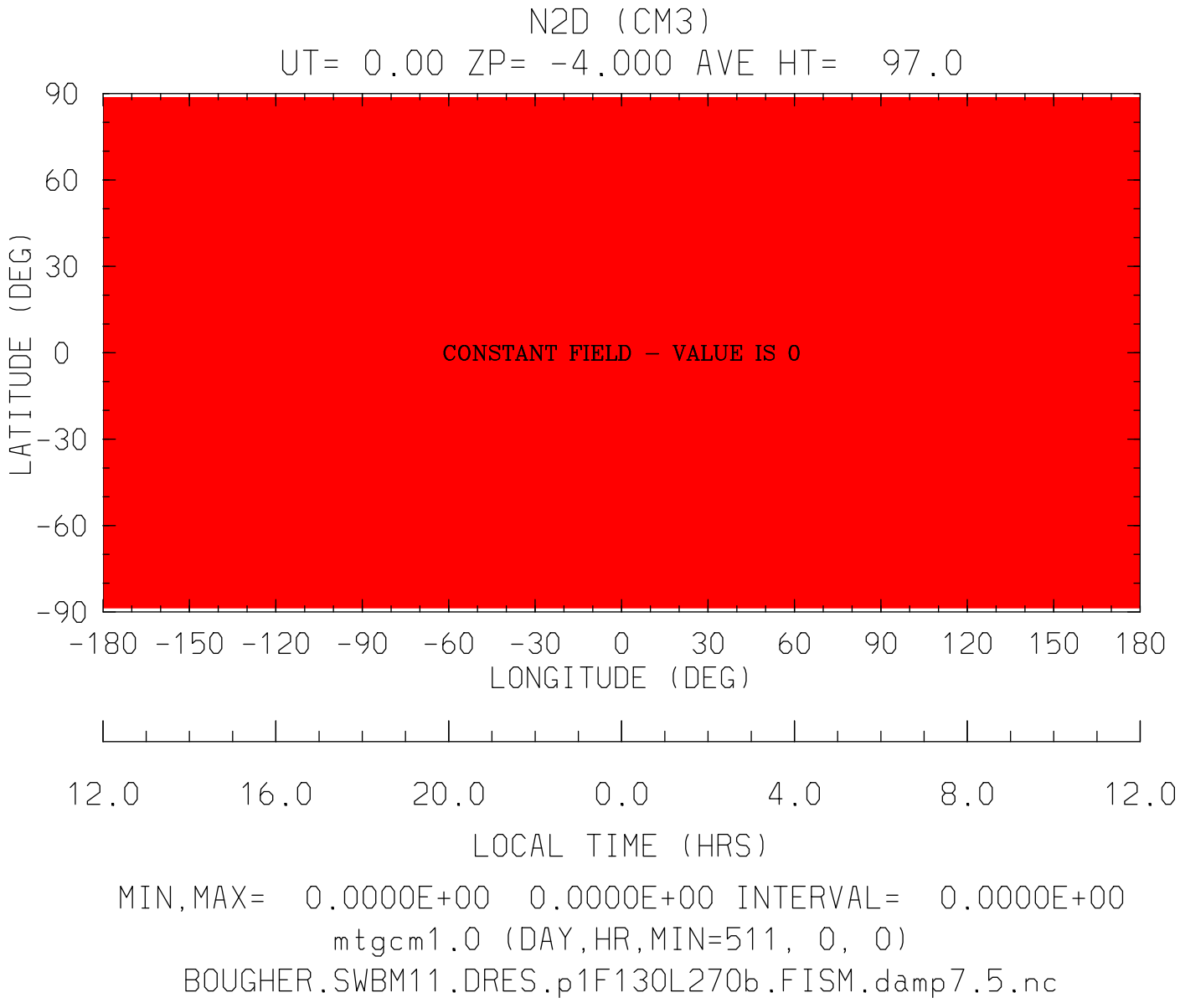


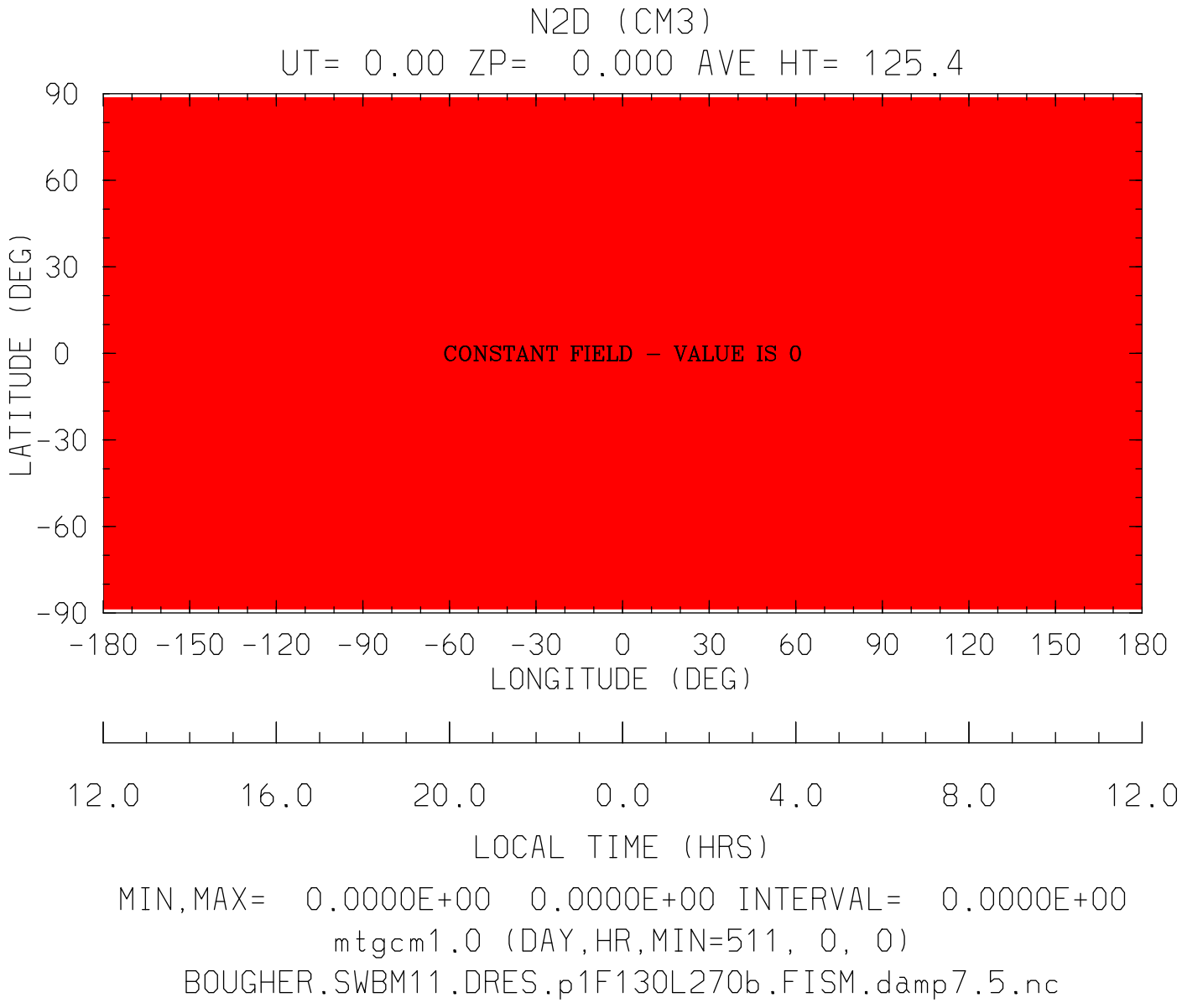
MIN,MAX= 3.7562E+05 7.9953E+05 INTERVAL= 2.5000E+04

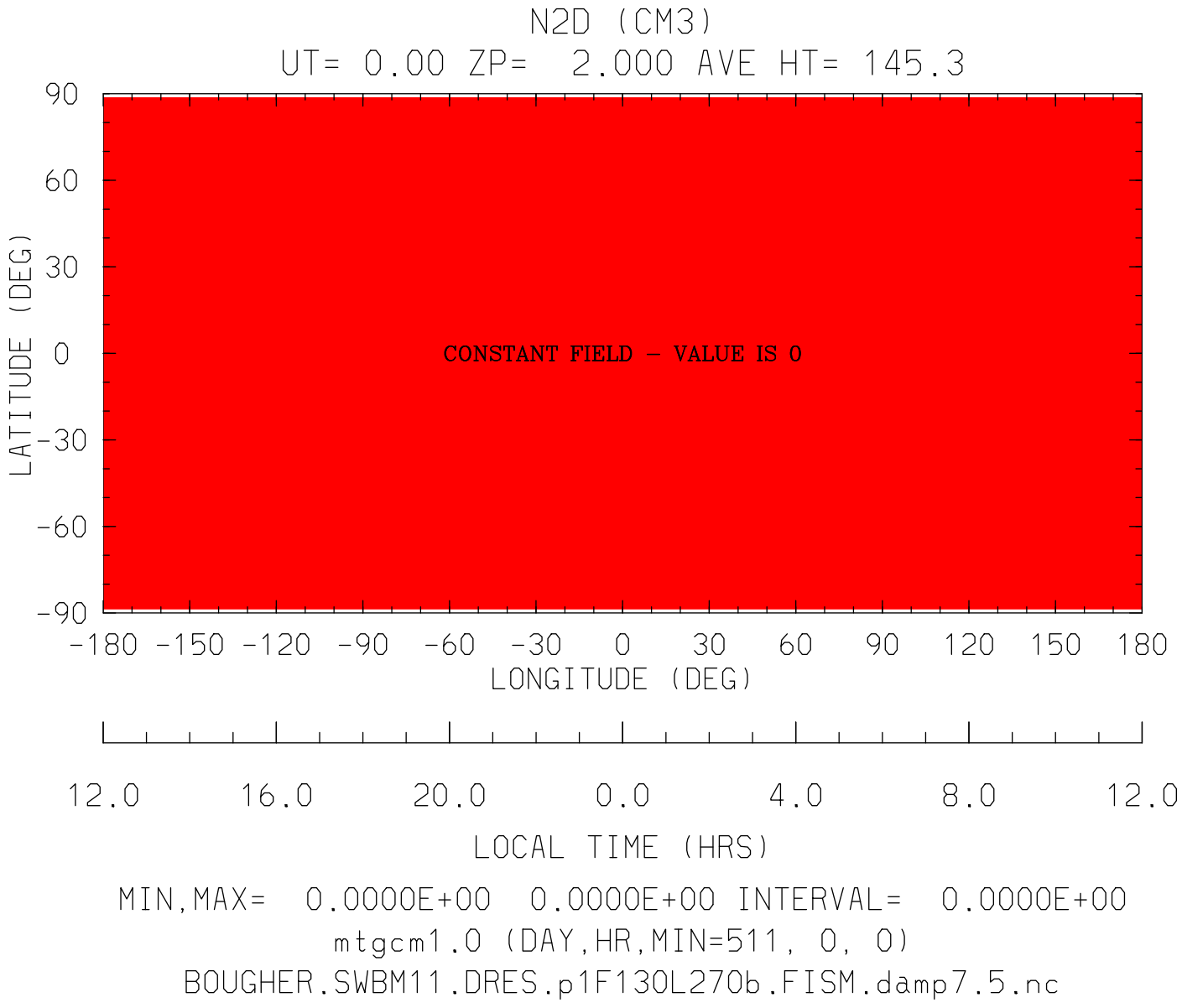
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

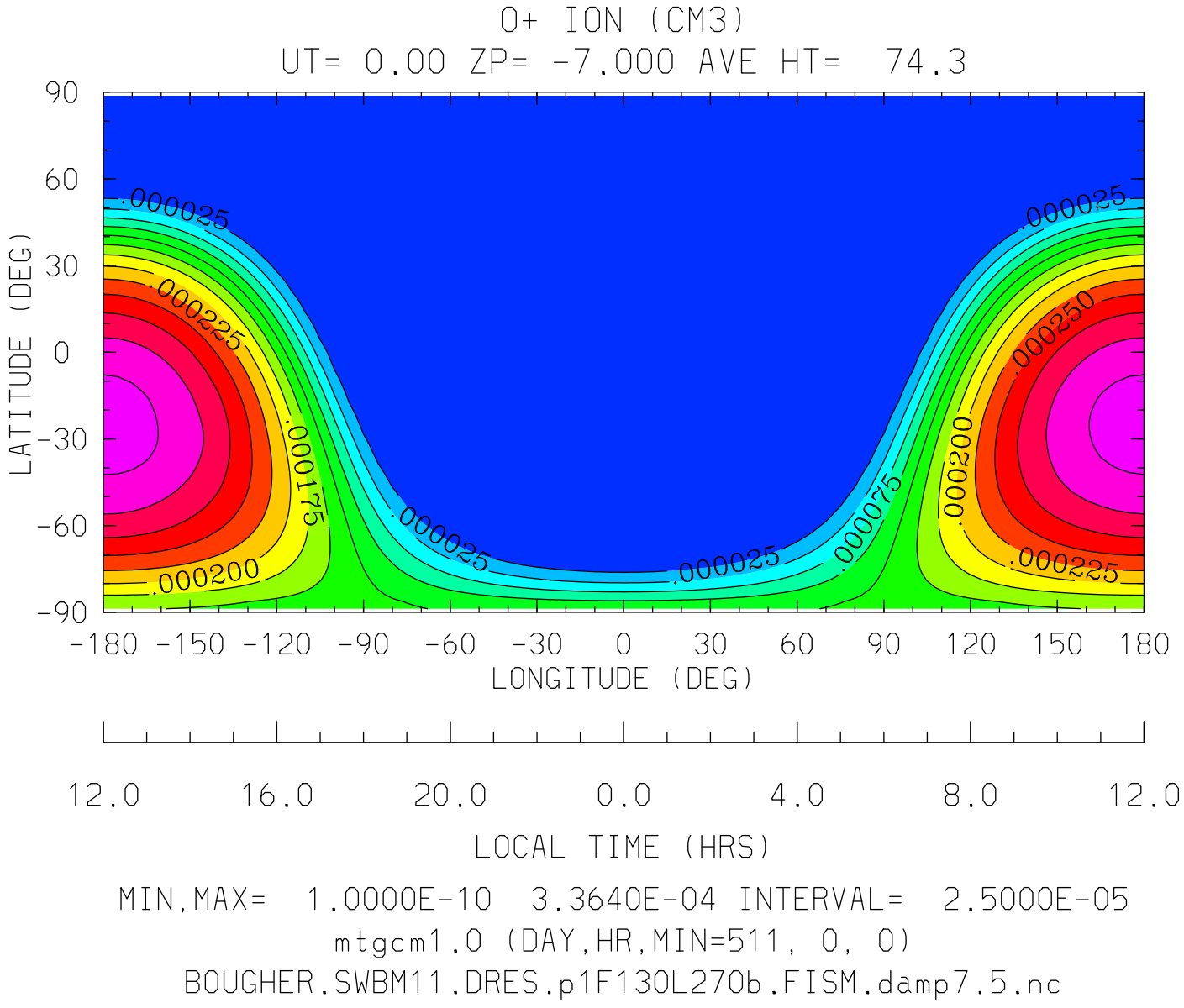
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


N2D (CM3)
UT= 0.00 ZP= -7.000 AVE HT= 74.3
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
CONSTANT FIELD - VALUE IS 0
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 0.0000E+00 0.0000E+00 INTERVAL= 0.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


N2D (CM3)
UT= 0.00 ZP= -4.000 AVE HT= 97.0
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
CONSTANT FIELD - VALUE IS 0
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 0.0000E+00 0.0000E+00 INTERVAL= 0.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


N2D (CM3)
UT= 0.00 ZP= 0.000 AVE HT= 125.4
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
CONSTANT FIELD - VALUE IS 0
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 0.0000E+00 0.0000E+00 INTERVAL= 0.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

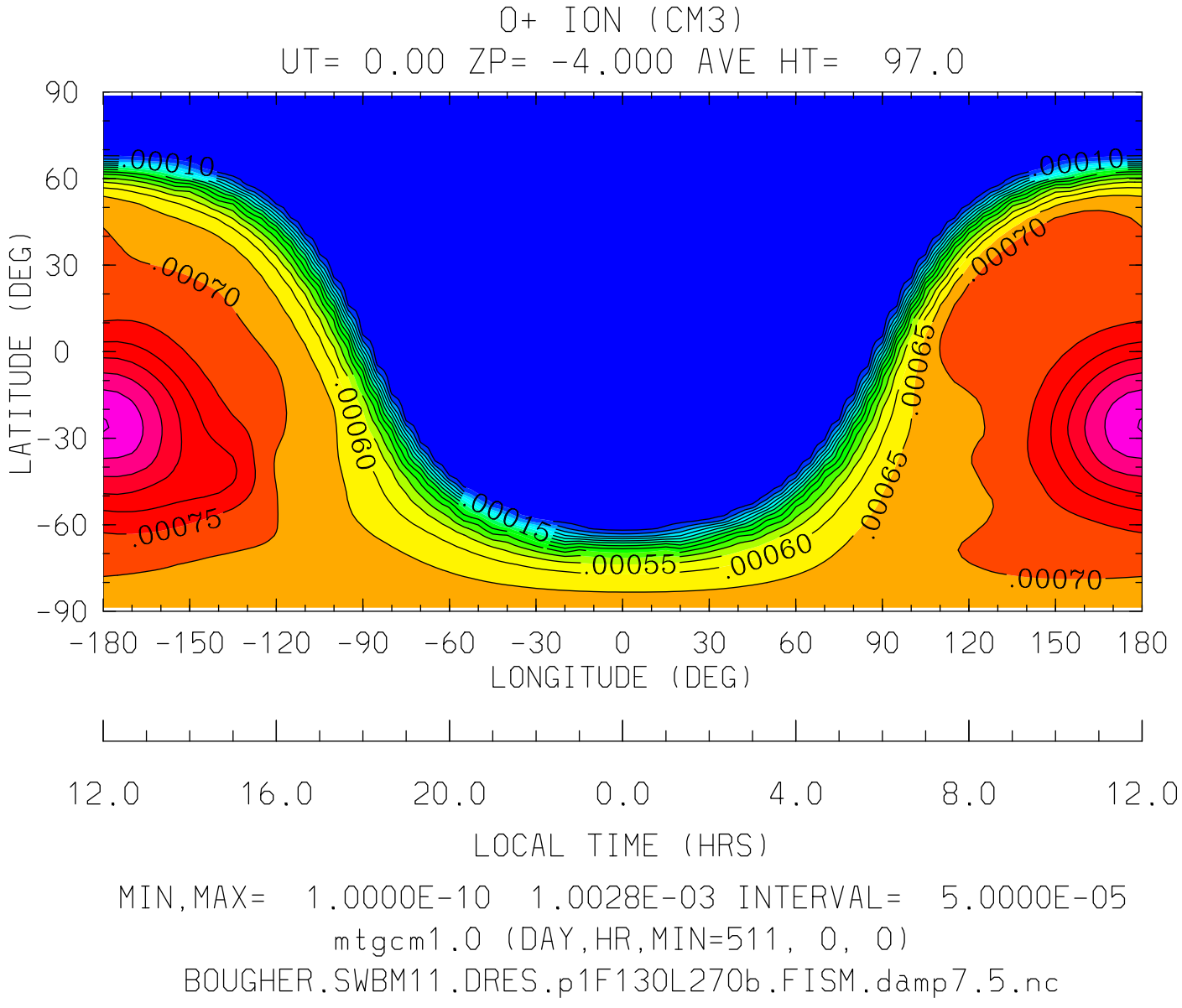

N2D (CM3)
UT= 0.00 ZP= 2.000 AVE HT= 145.3
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
CONSTANT FIELD - VALUE IS 0
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 0.0000E+00 0.0000E+00 INTERVAL= 0.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

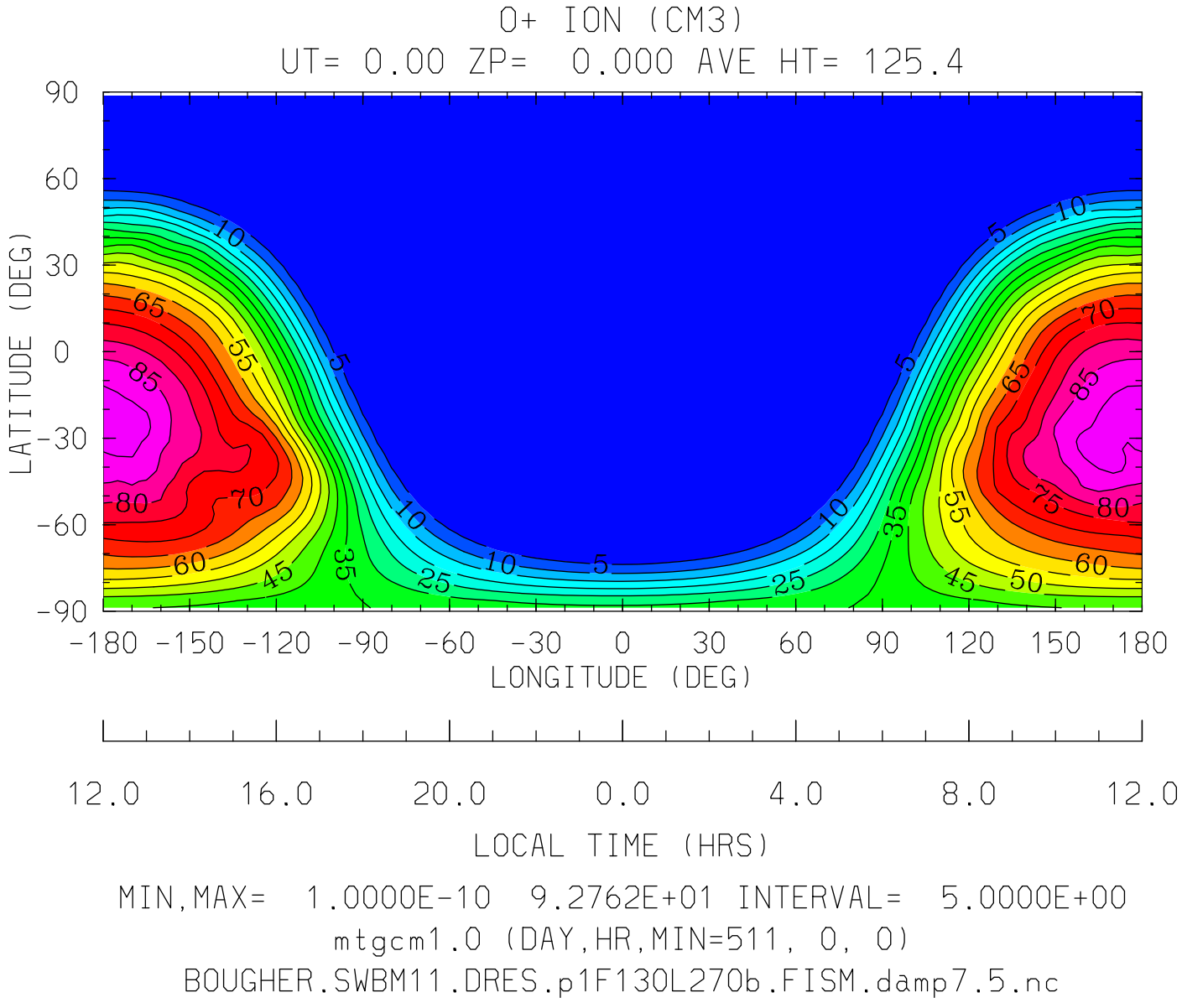


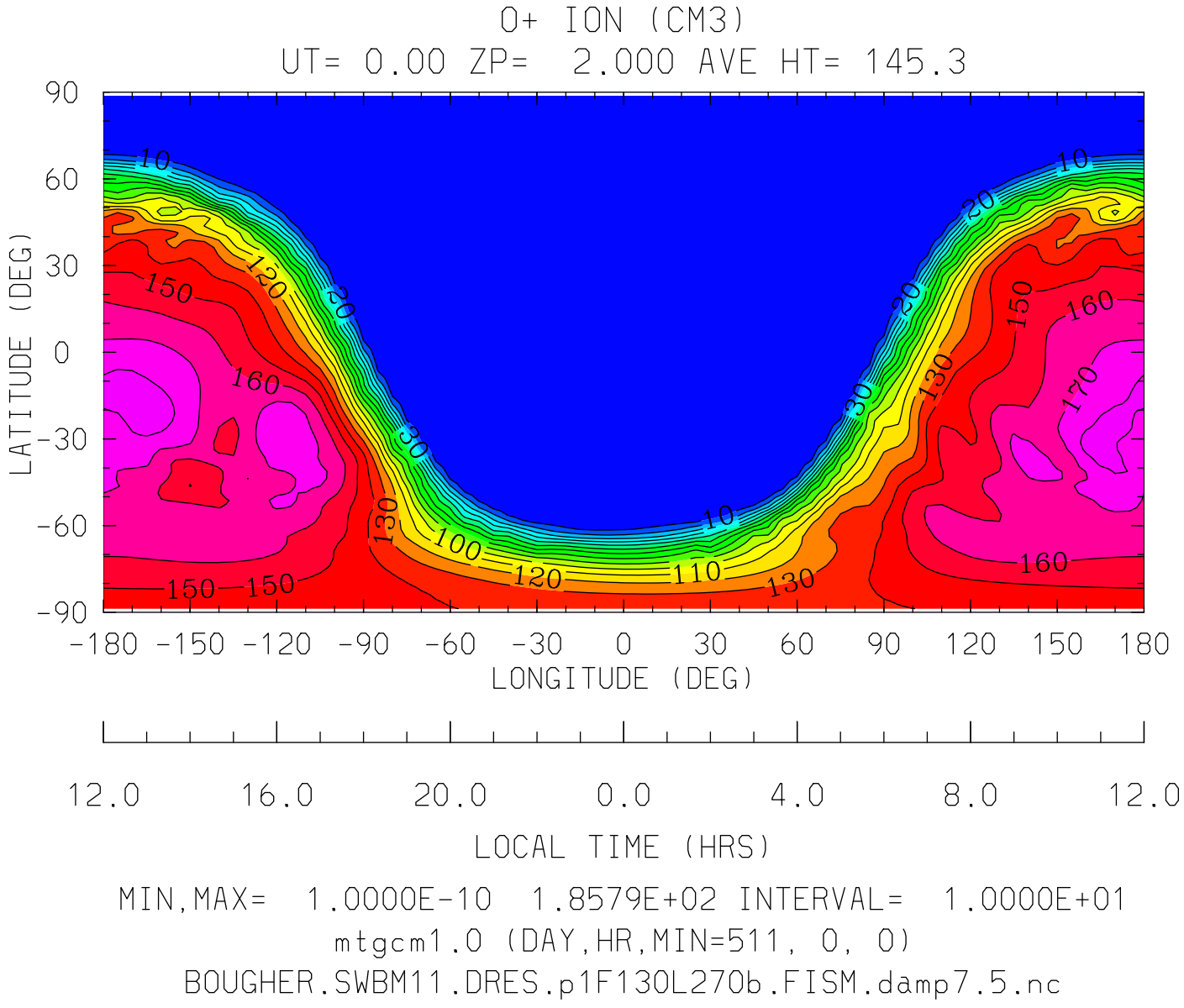
MIN,MAX= 1.0000E-10 3.3640E-04 INTERVAL= 2.5000E-05

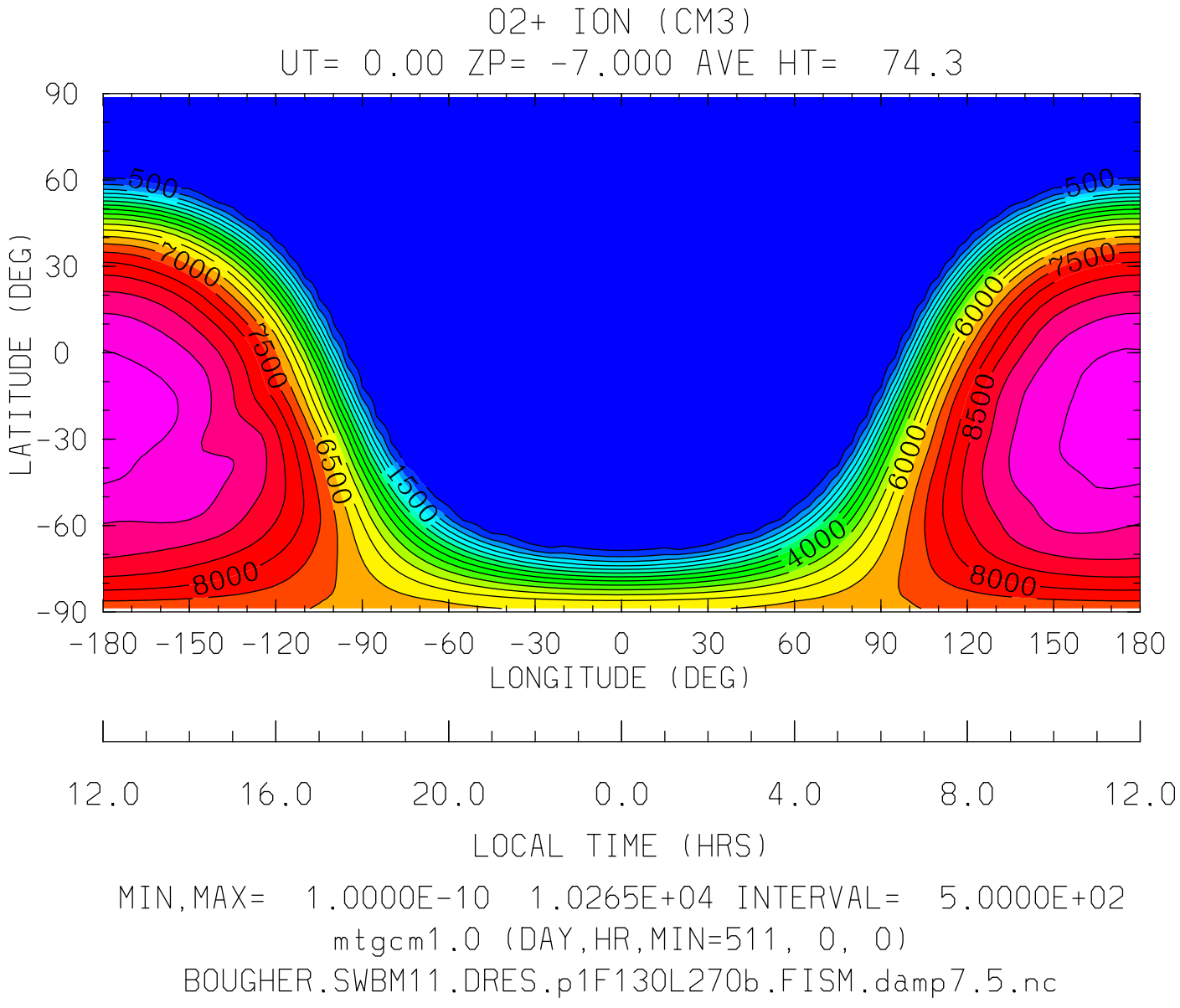
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


O+ ION (CM3)
UT= 0.00 ZP= -4.000 AVE HT= 97.0
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
.00010
.00070
.00060
.00075
.00015
.00055
.00060
.00065
.00065
.00070
.00010
.00070
.00070
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.0000E-10 1.0028E-03 INTERVAL= 5.0000E-05
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


O+ ION (CM3)
UT= 0.00 ZP= 0.000 AVE HT= 125.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.0000E-10 9.2762E+01 INTERVAL= 5.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

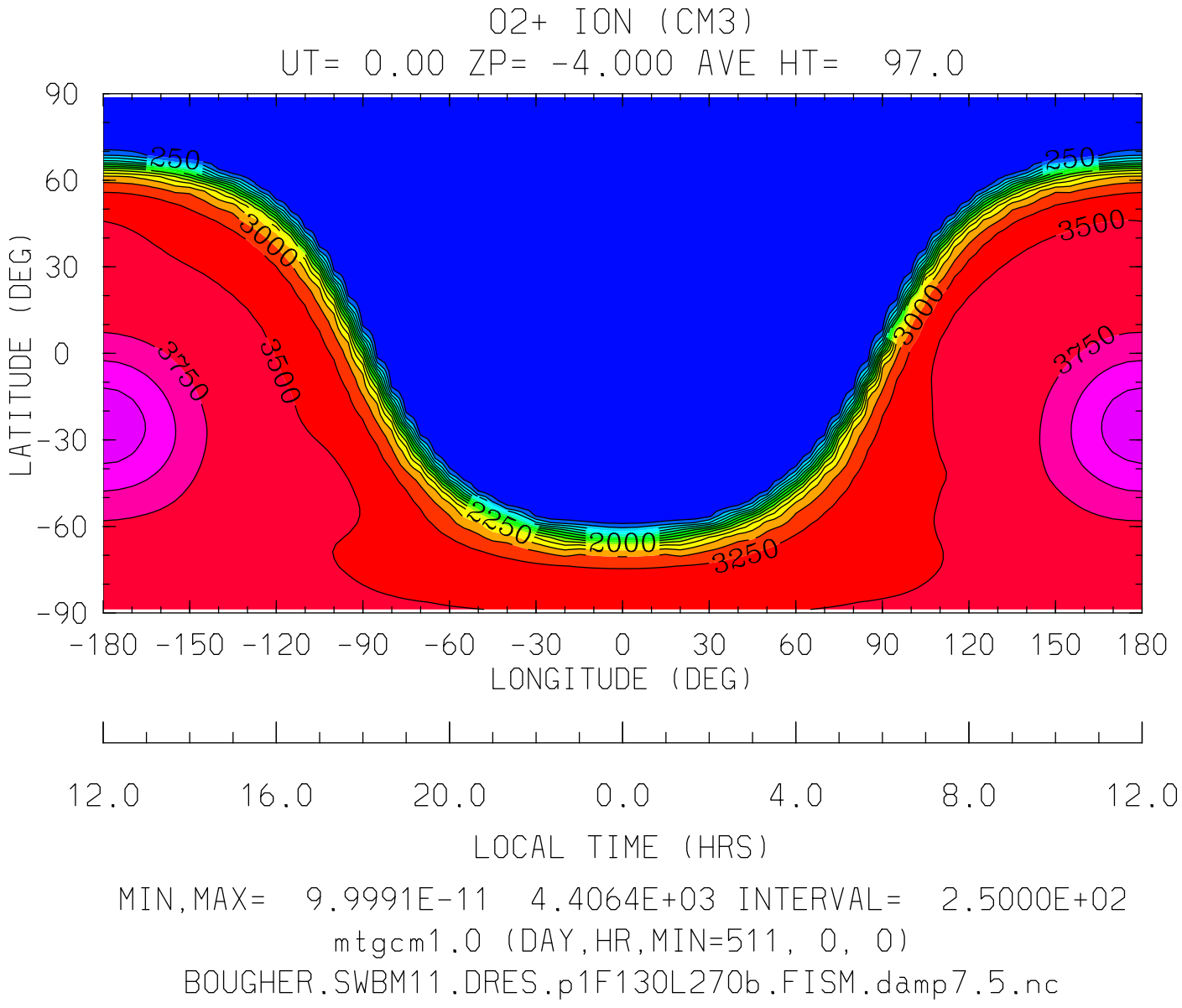

O+ ION (CM3)
UT= 0.00 ZP= 2.000 AVE HT= 145.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.0000E-10 1.8579E+02 INTERVAL= 1.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 1.0000E-10 1.0265E+04 INTERVAL= 5.0000E+02

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

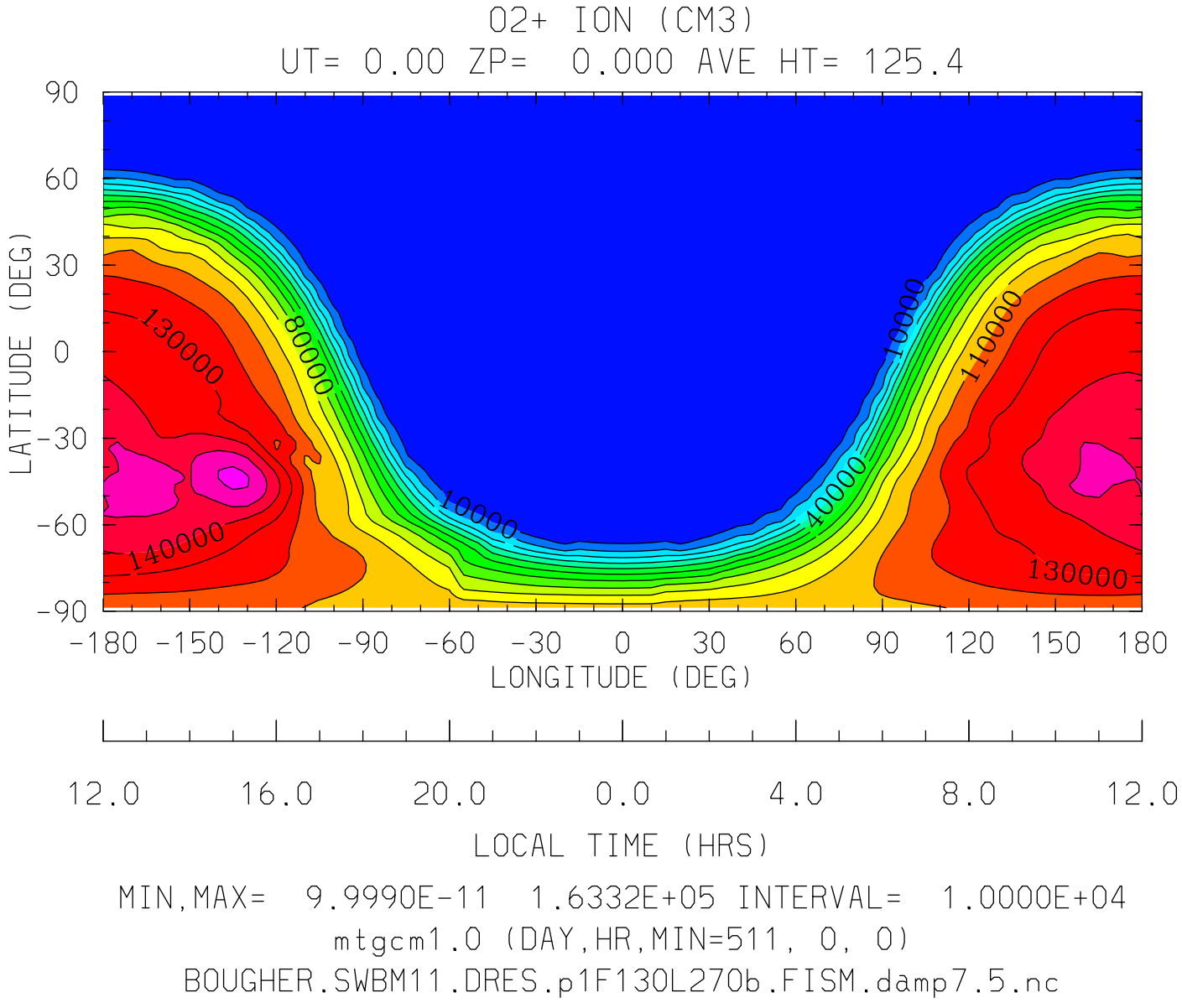
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 9.9991E-11 4.4064E+03 INTERVAL= 2.5000E+02

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

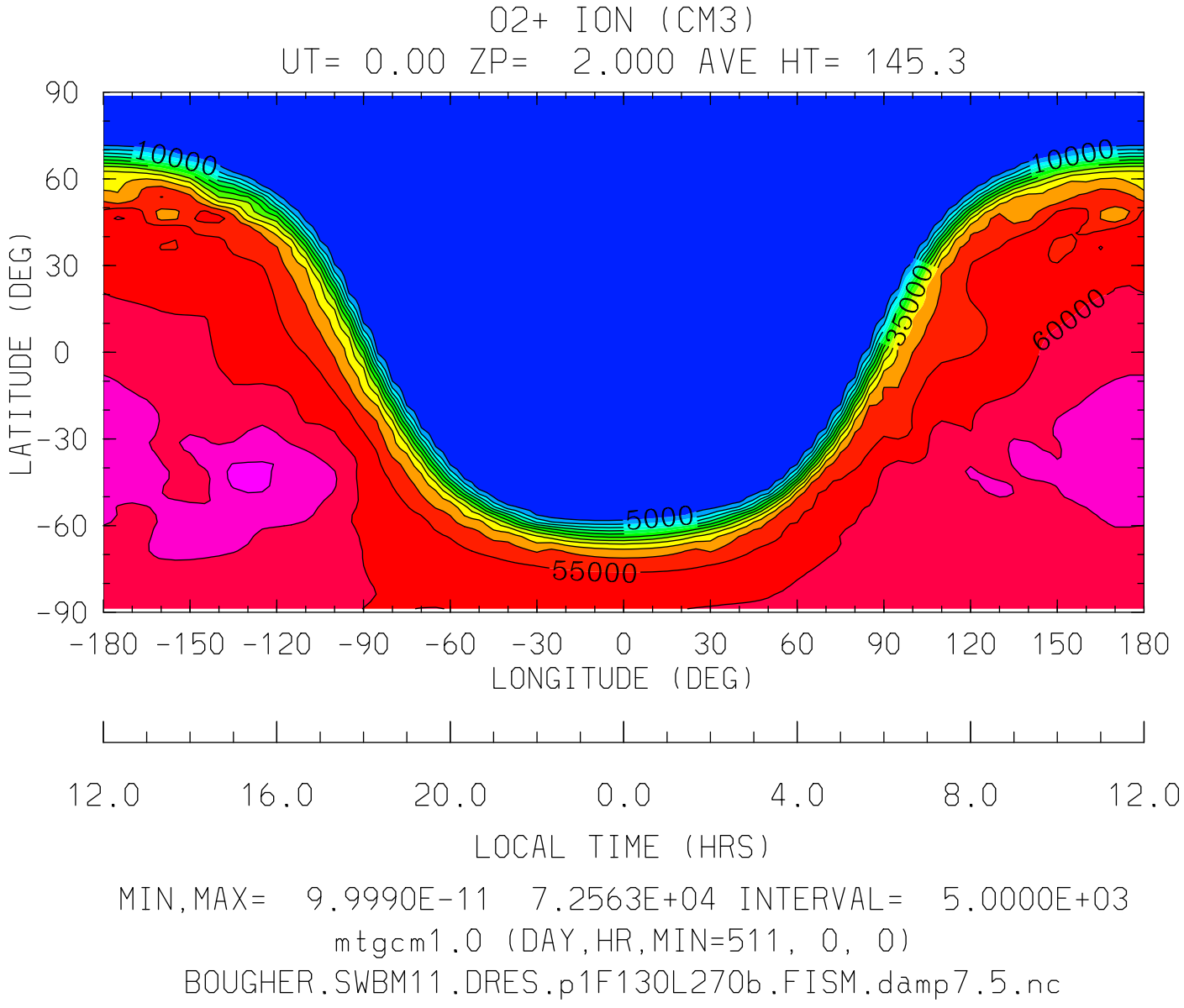
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 9.9990E-11 1.6332E+05 INTERVAL= 1.0000E+04

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

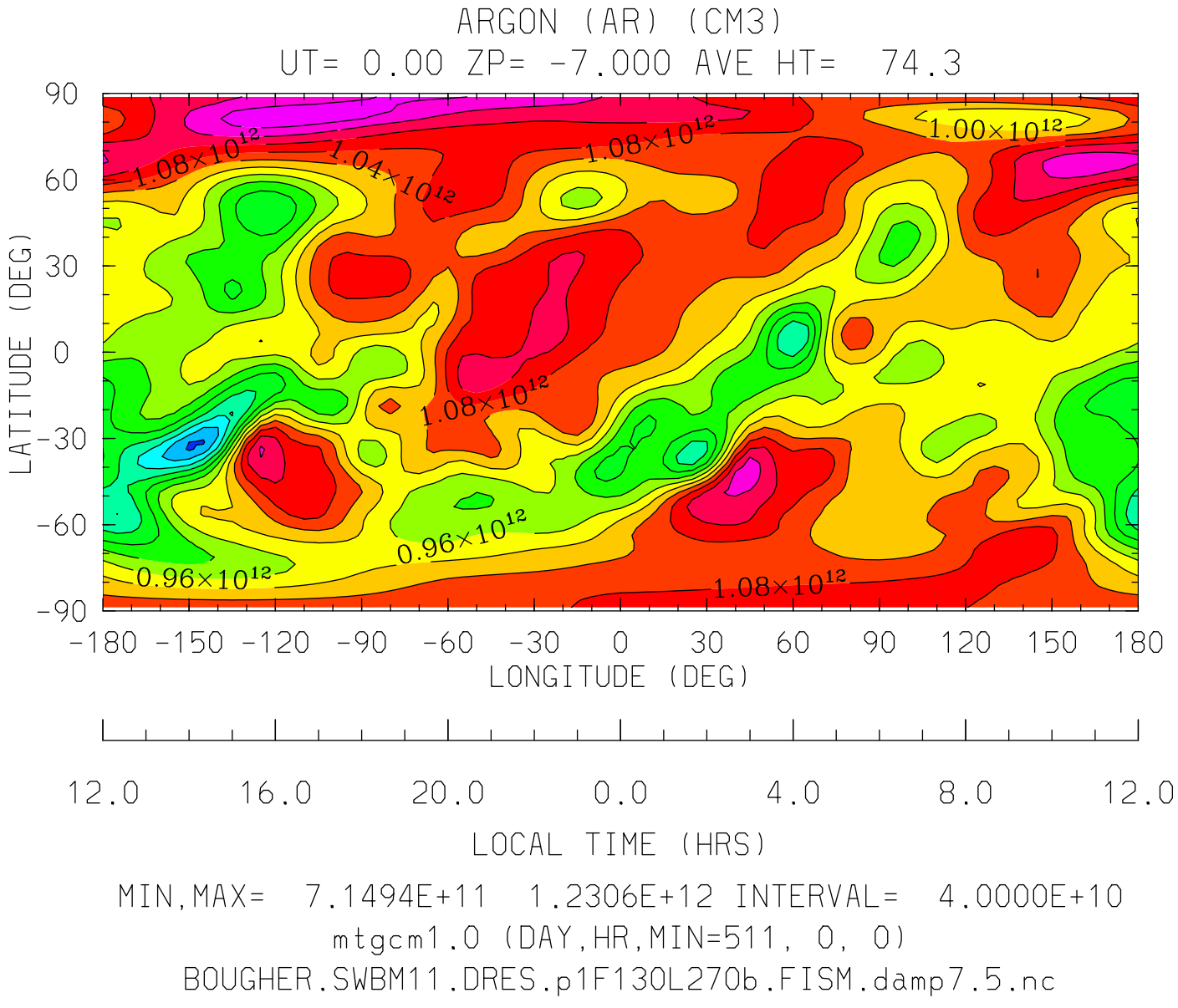
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 9.9990E-11 7.2563E+04 INTERVAL= 5.0000E+03

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

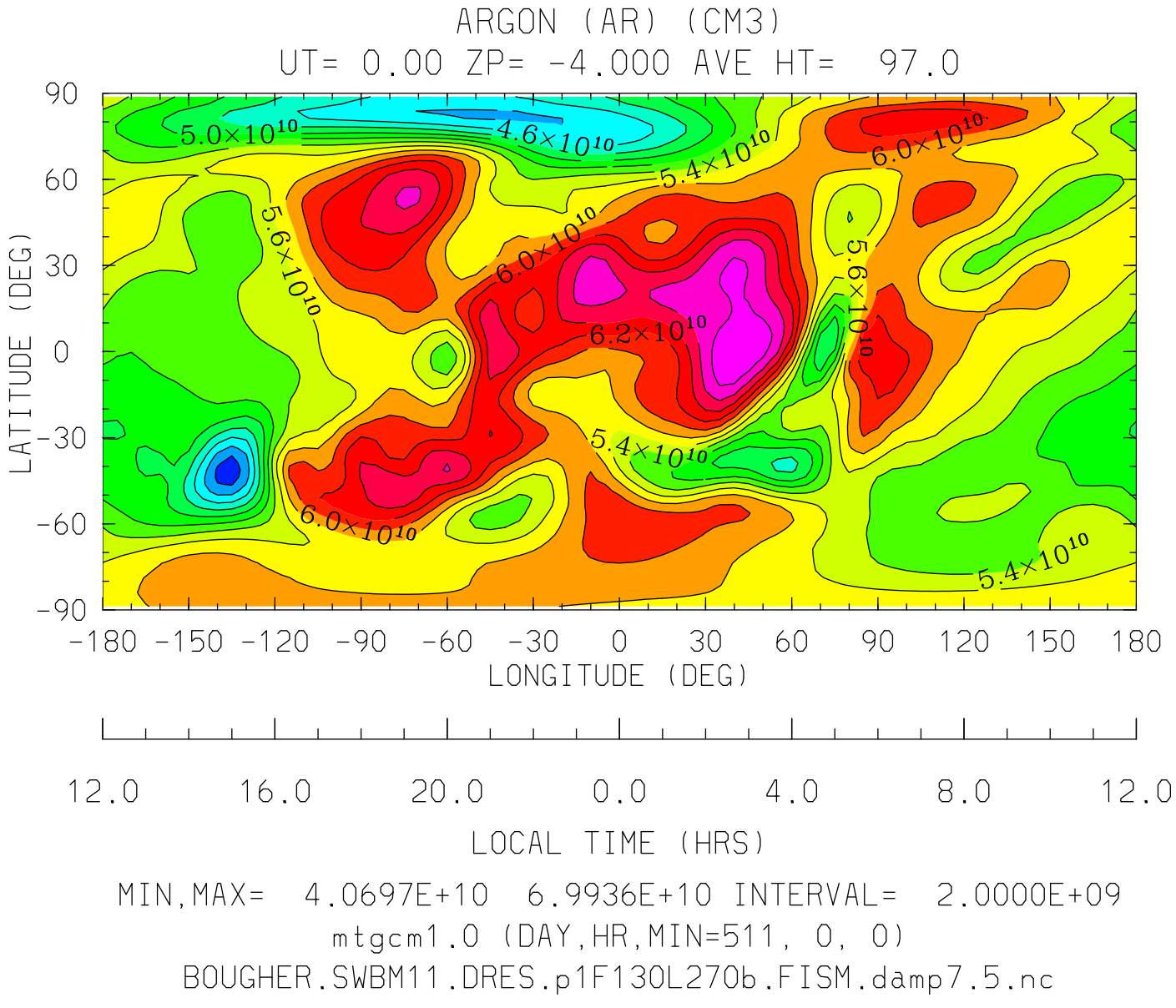
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 7.1494E+11 1.2306E+12 INTERVAL= 4.0000E+10

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

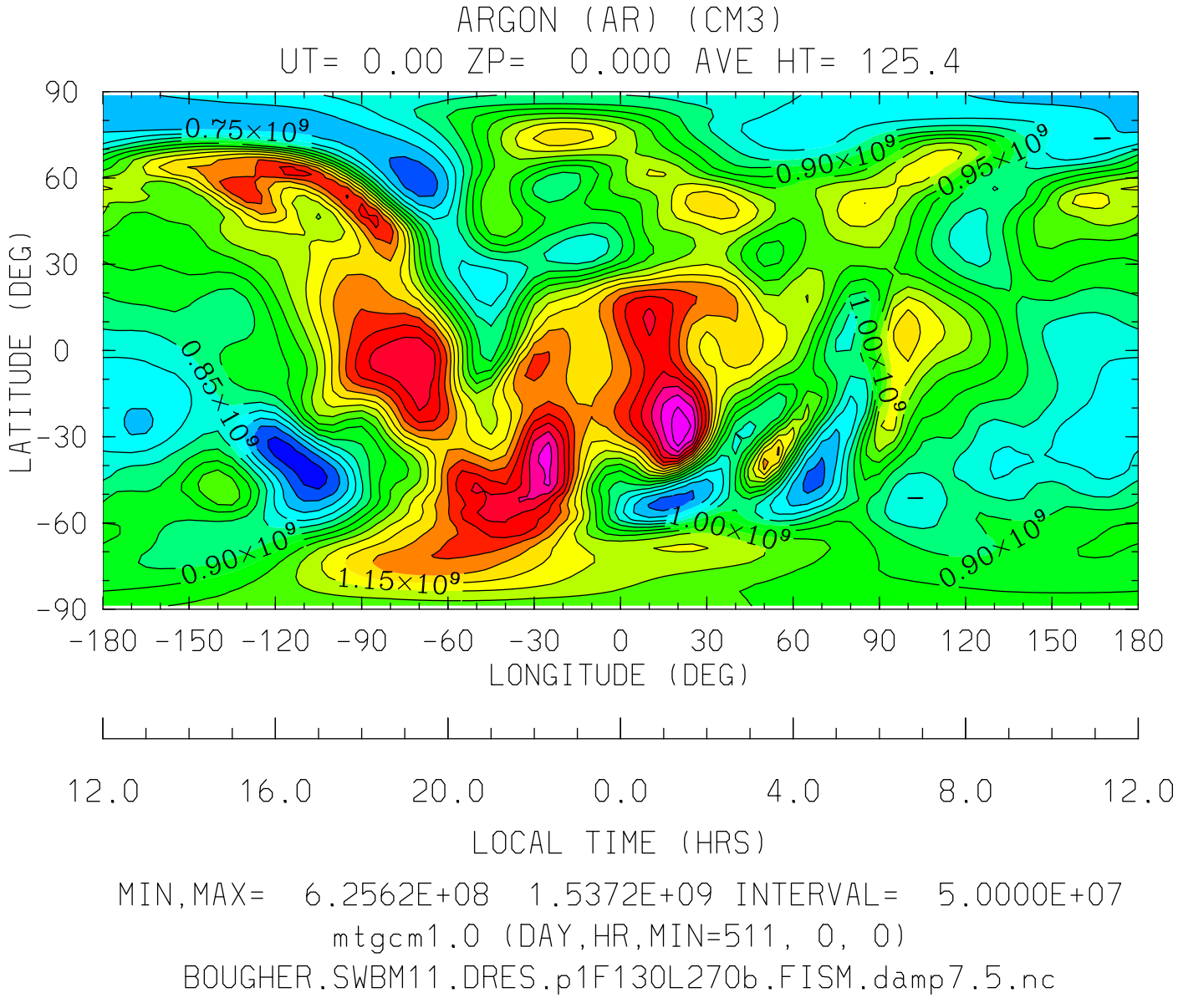
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 4.0697E+10 6.9936E+10 INTERVAL= 2.0000E+09

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

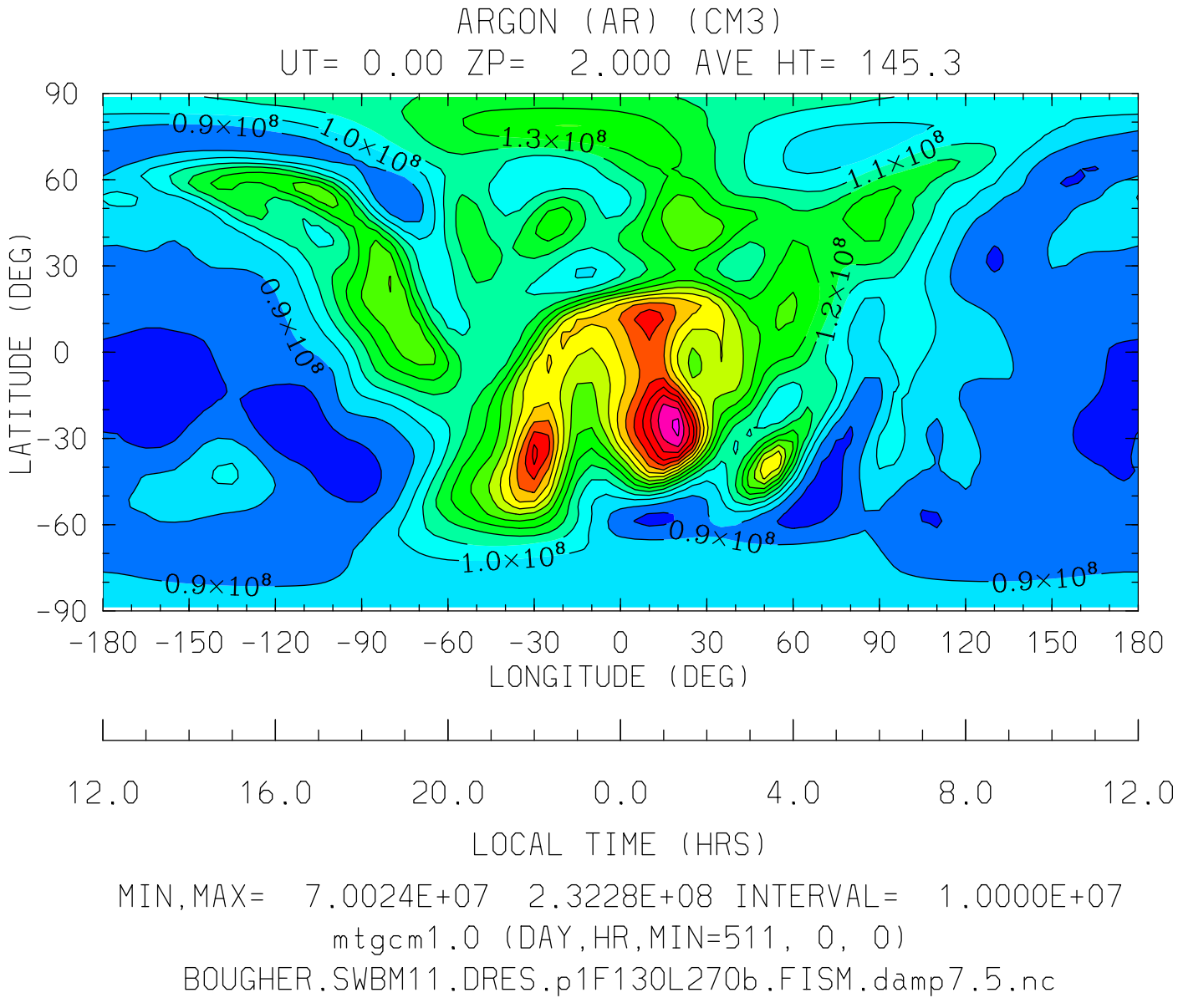
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 6.2562E+08 1.5372E+09 INTERVAL= 5.0000E+07

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

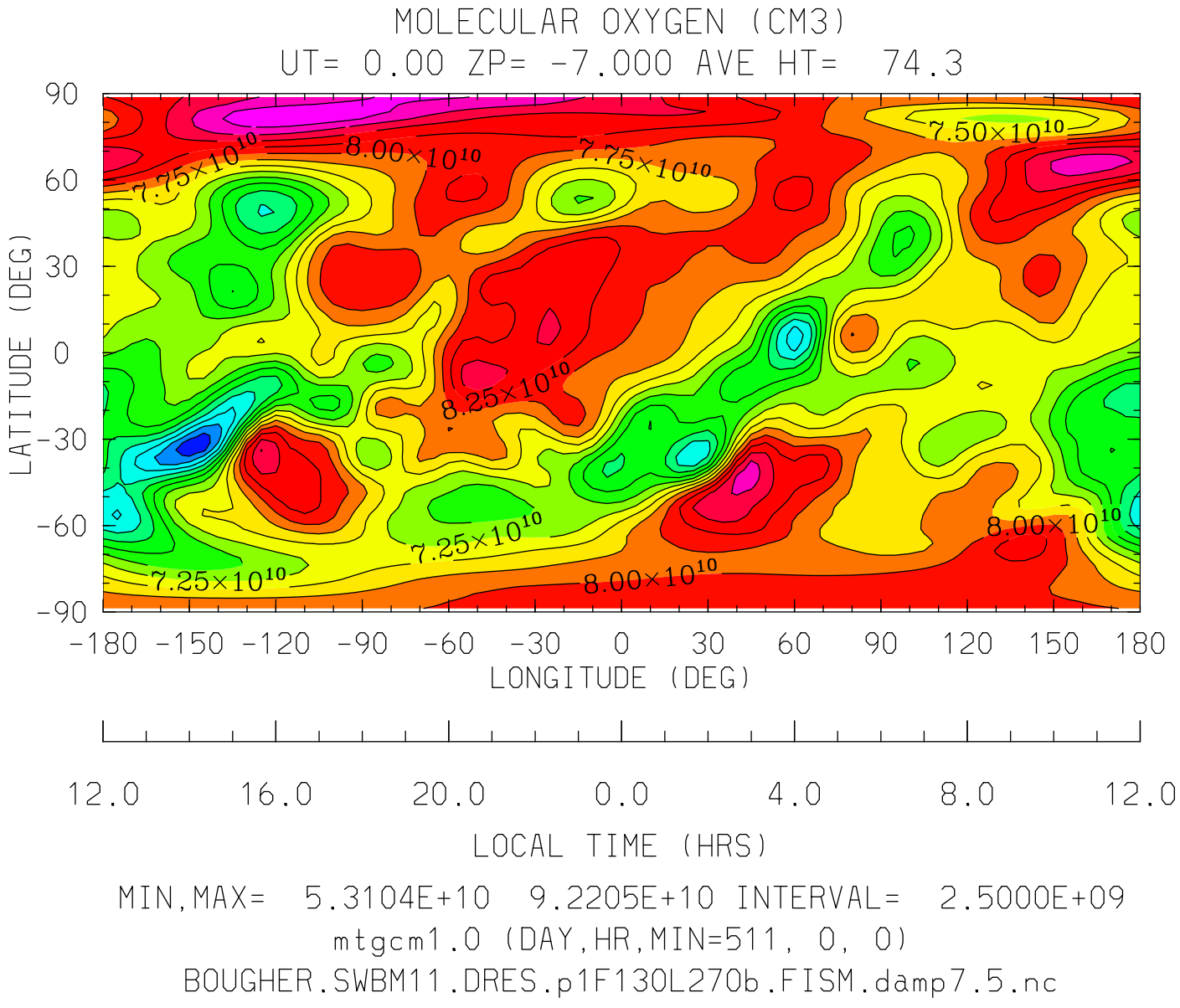
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 7.0024E+07 2.3228E+08 INTERVAL= 1.0000E+07

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

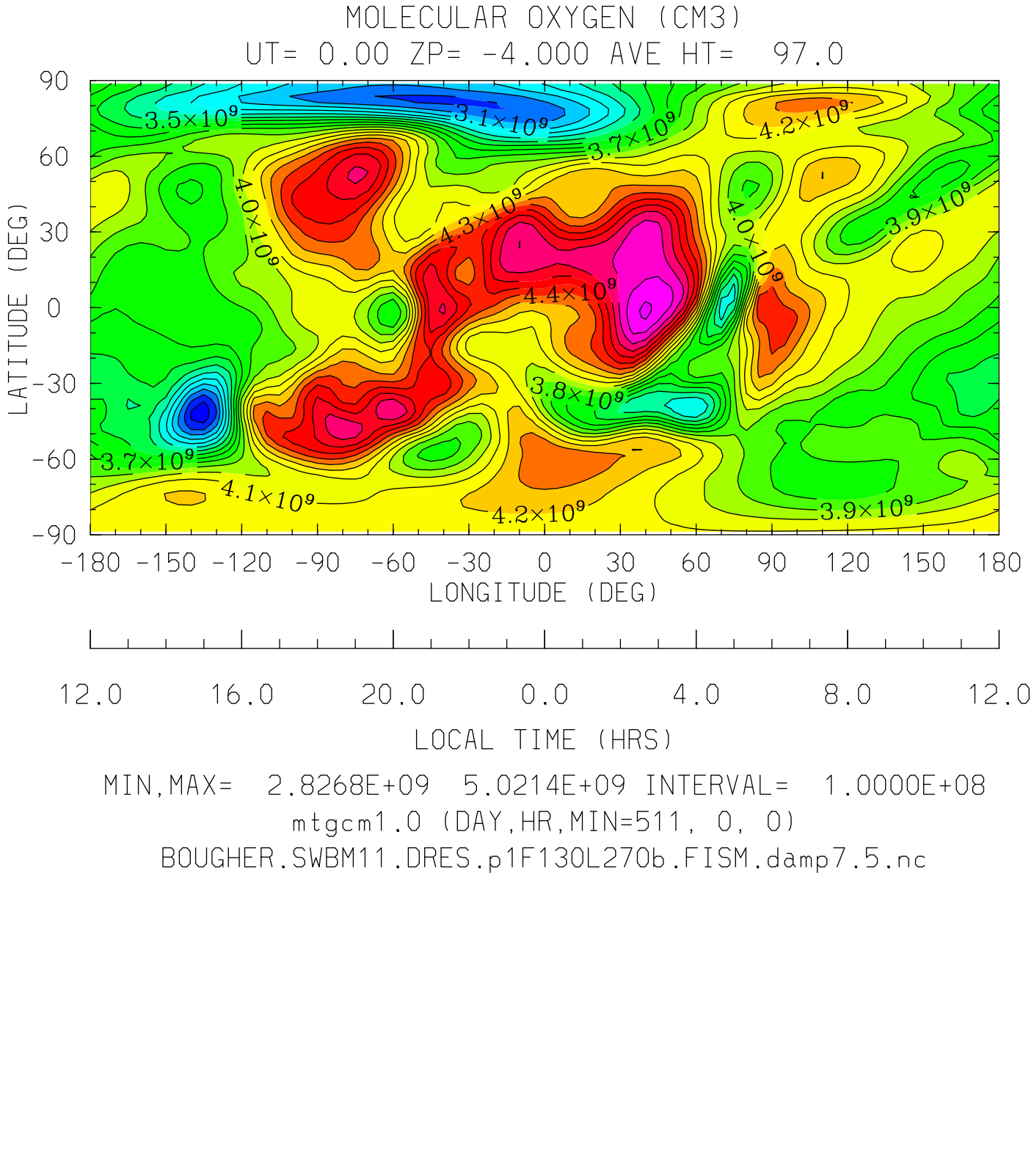
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

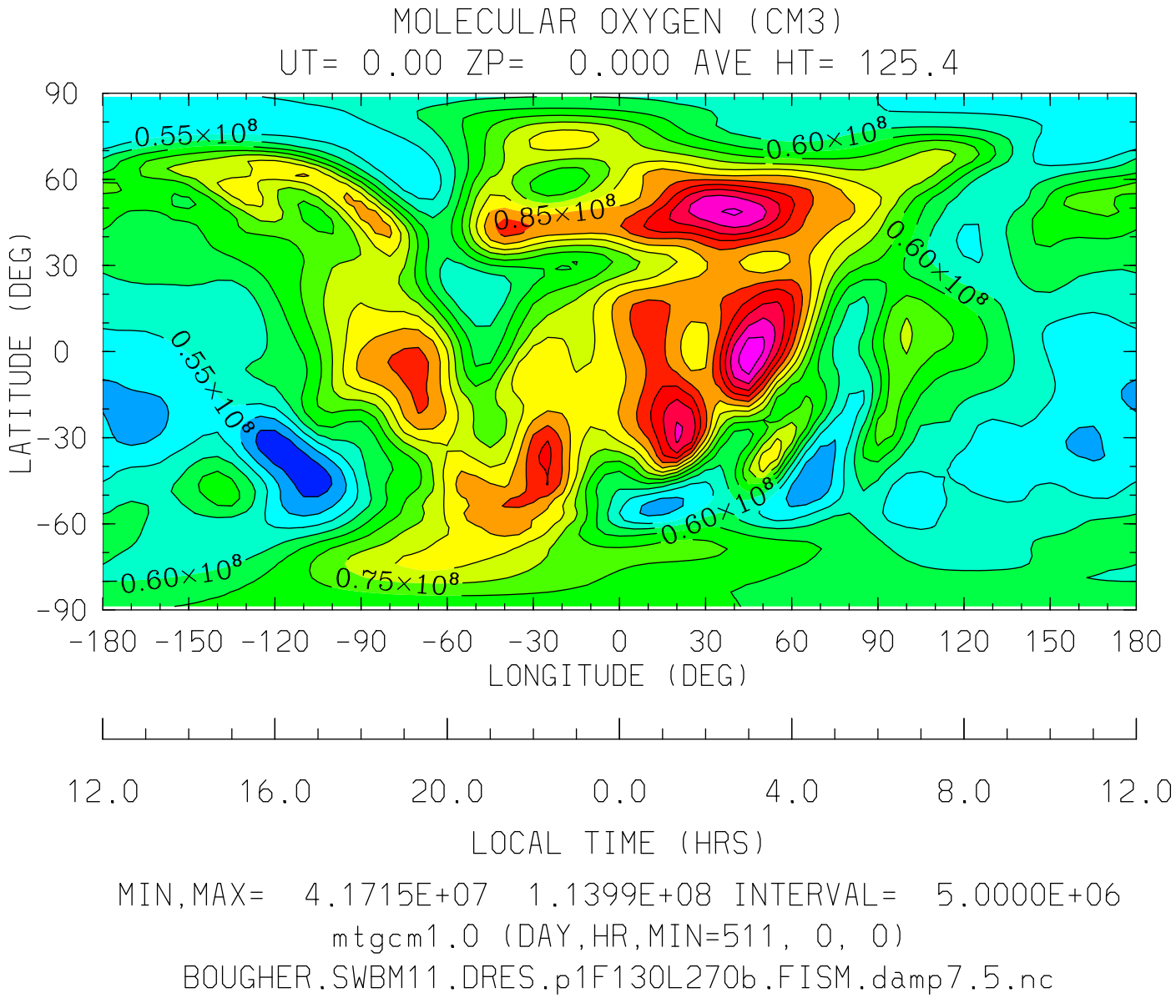


MIN,MAX= 5.3104E+10 9.2205E+10 INTERVAL= 2.5000E+09

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

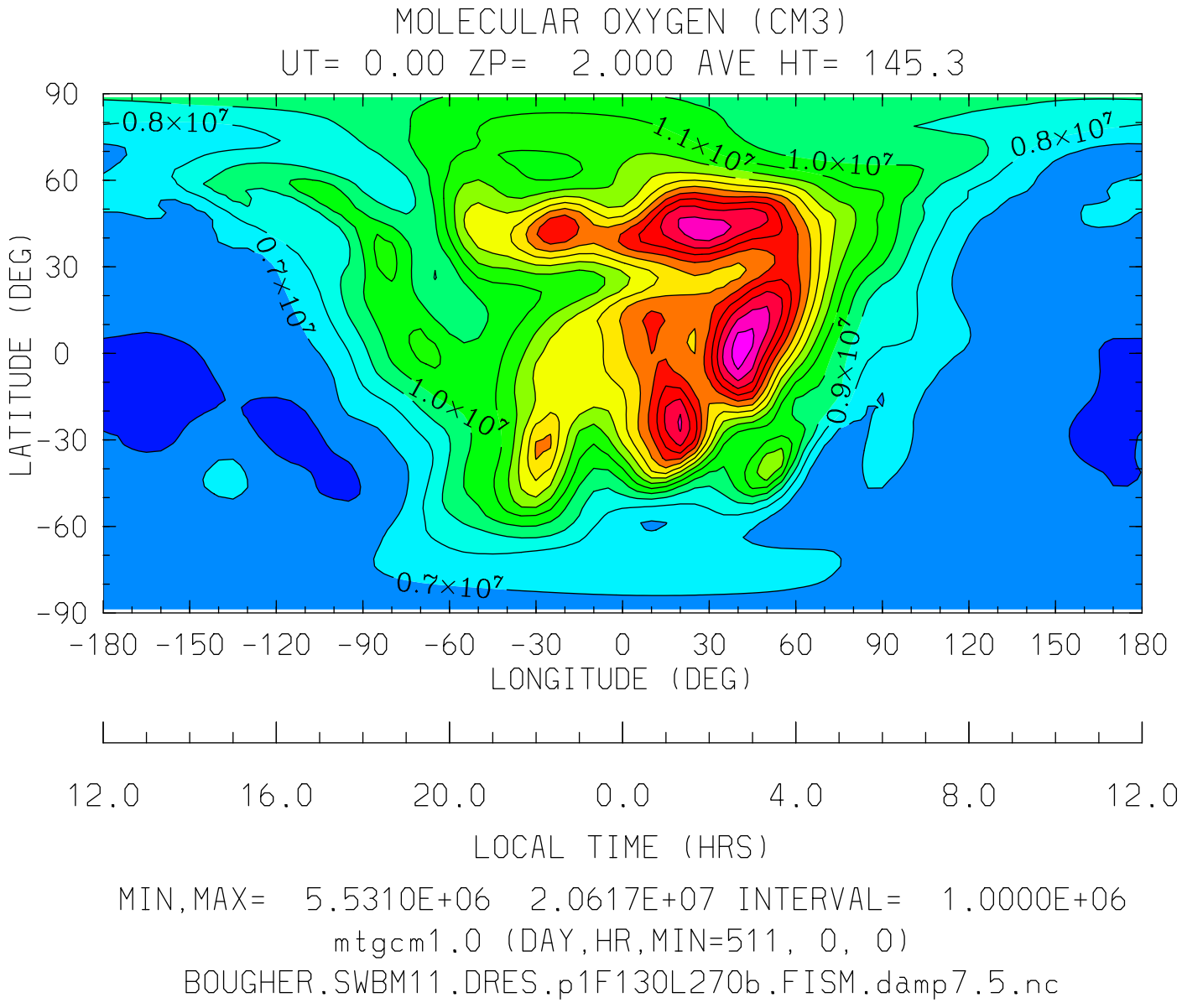

MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= -4.000 AVE HT= 97.0
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
3.5×10⁹
3.1×10⁹
3.7×10⁹
4.2×10⁹
4.0×10⁹
4.3×10⁹
4.0×10⁹
3.9×10⁹
4.4×10⁹
3.8×10⁹
3.7×10⁹
4.1×10⁹
4.2×10⁹
3.9×10⁹
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 2.8268E+09 5.0214E+09 INTERVAL= 1.0000E+08
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

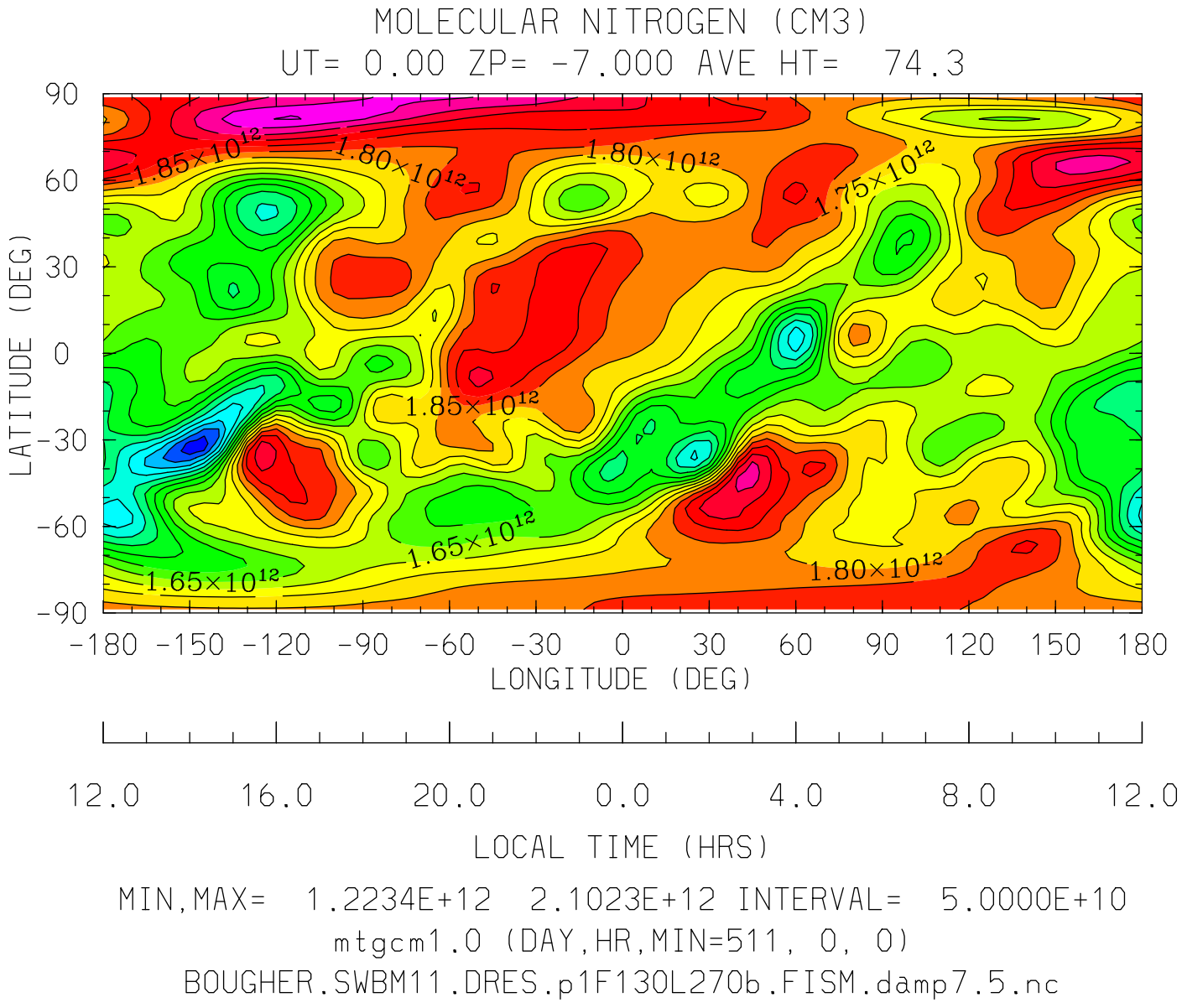


MIN,MAX= 4.1715E+07 1.1399E+08 INTERVAL= 5.0000E+06

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

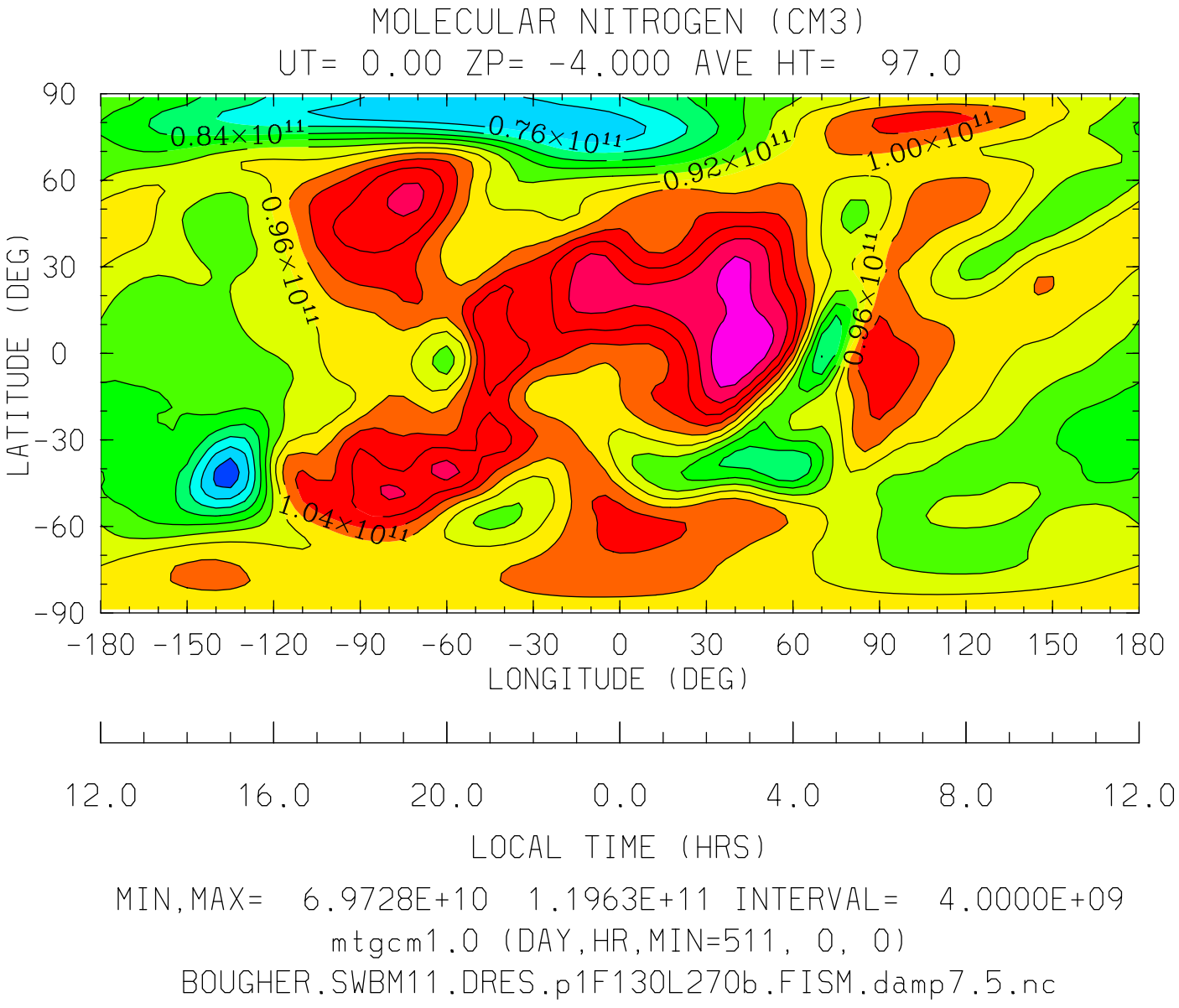

MOLECULAR OXYGEN (CM3)
UT= 0.00 ZP= 2.000 AVE HT= 145.3
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
0.8×10⁷
1.1×10⁷
1.0×10⁷
0.8×10⁷
0.7×10⁷
1.0×10⁷
0.9×10⁷
0.7×10⁷
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 5.5310E+06 2.0617E+07 INTERVAL= 1.0000E+06
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 1.2234E+12 2.1023E+12 INTERVAL= 5.0000E+10

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

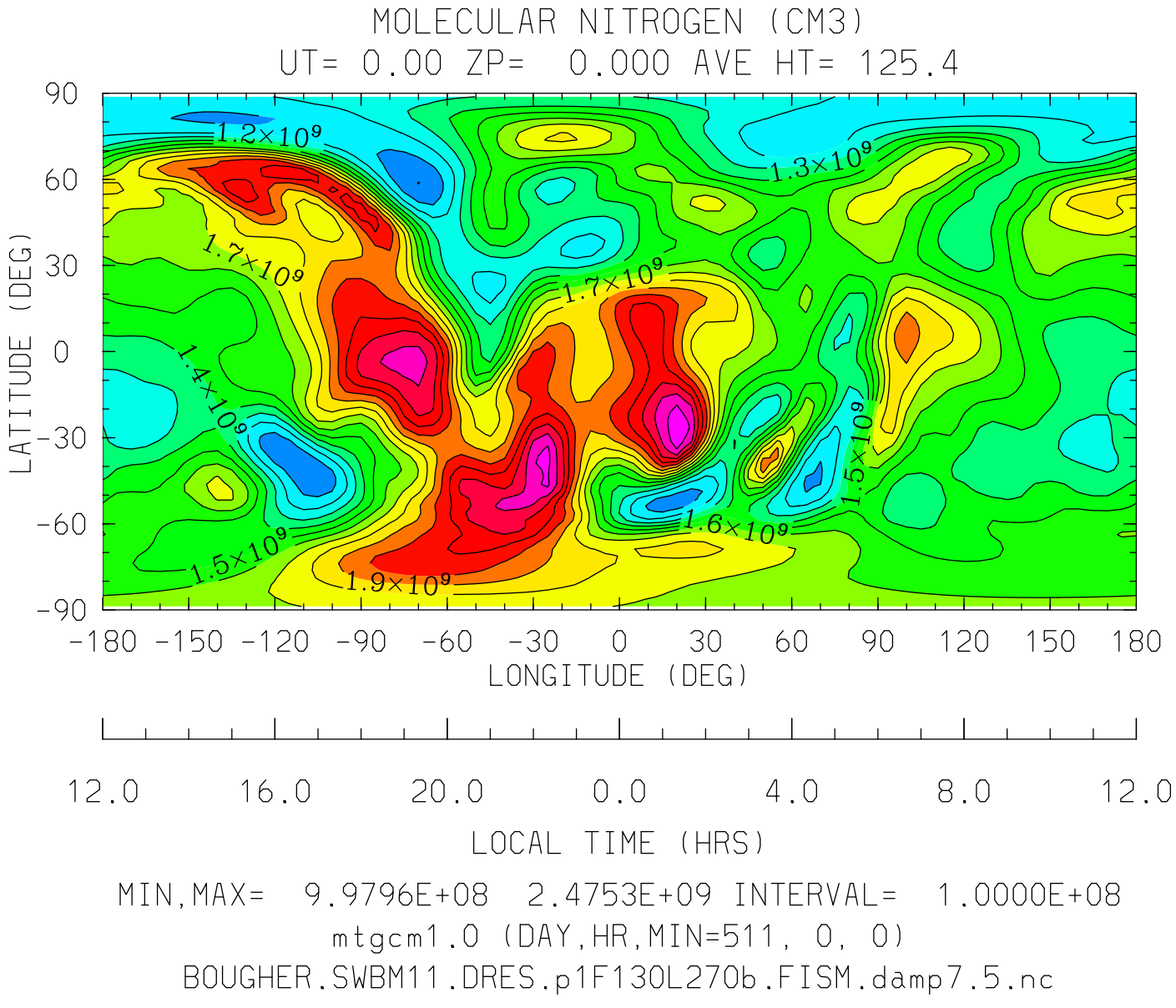
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

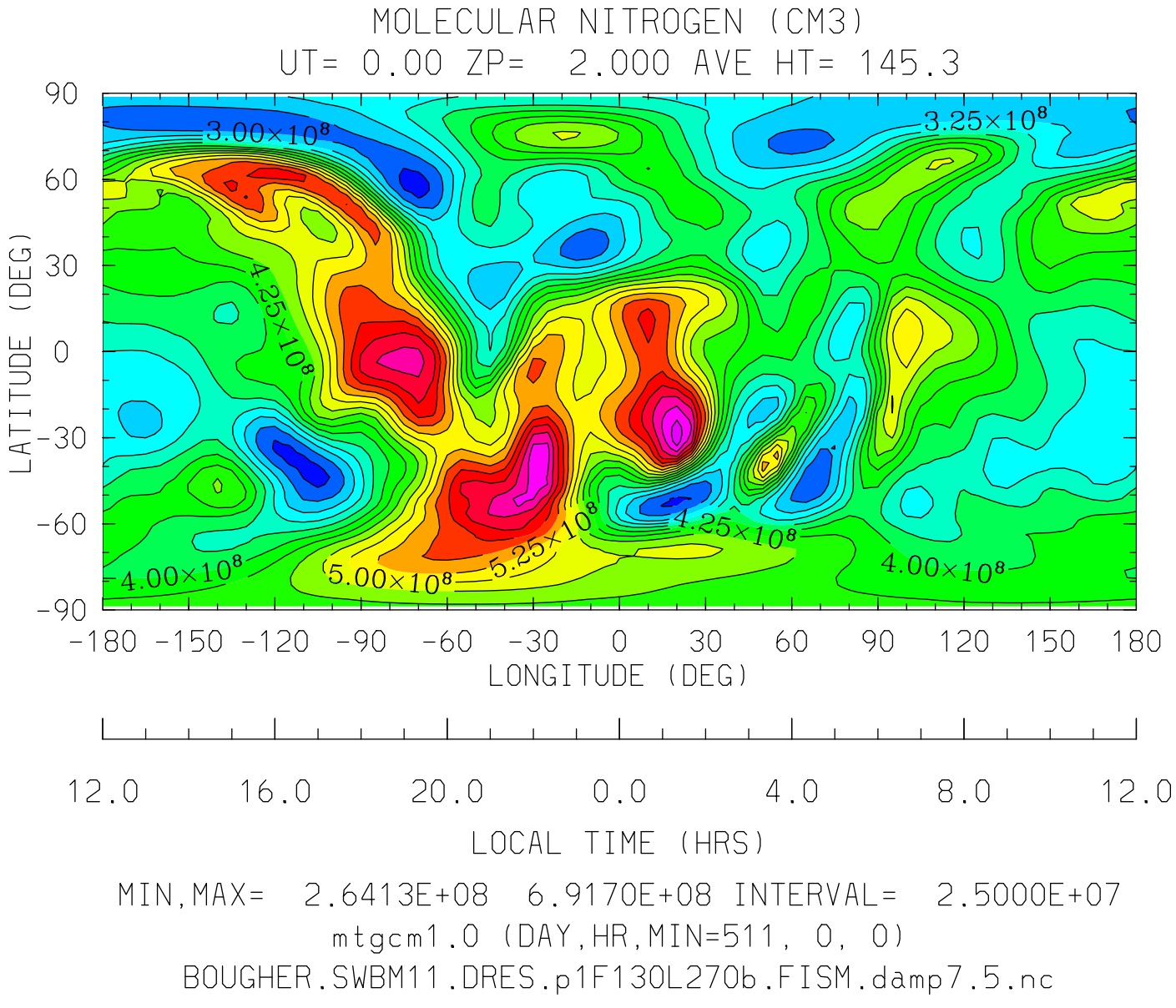


MIN,MAX= 6.9728E+10 1.1963E+11 INTERVAL= 4.0000E+09

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

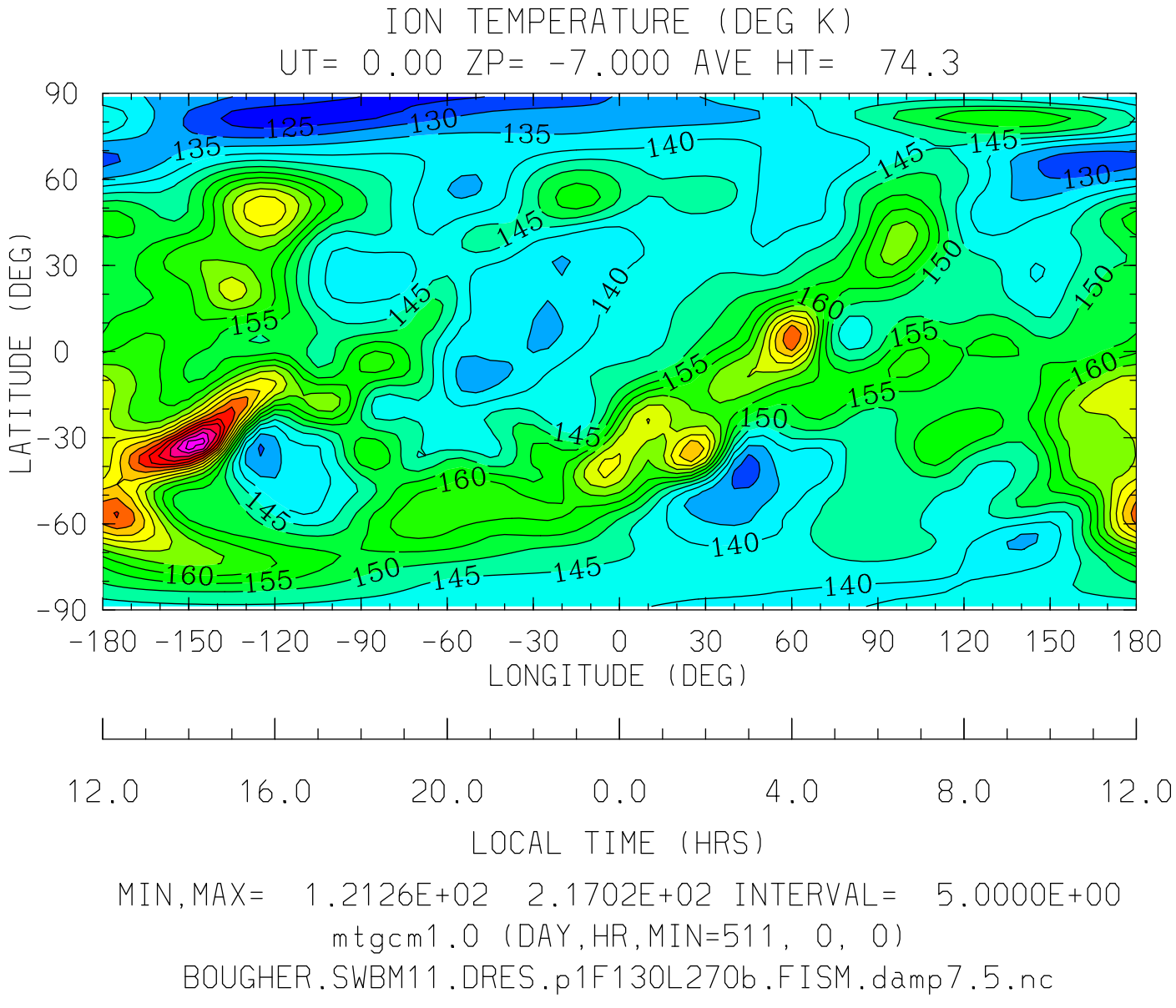

MOLECULAR NITROGEN (CM3)
UT= 0.00 ZP= 0.000 AVE HT= 125.4
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
1.2×10⁹
1.3×10⁹
1.7×10⁹
1.7×10⁹
1.4×10⁹
1.5×10⁹
1.6×10⁹
1.5×10⁹
1.9×10⁹
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 9.9796E+08 2.4753E+09 INTERVAL= 1.0000E+08
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

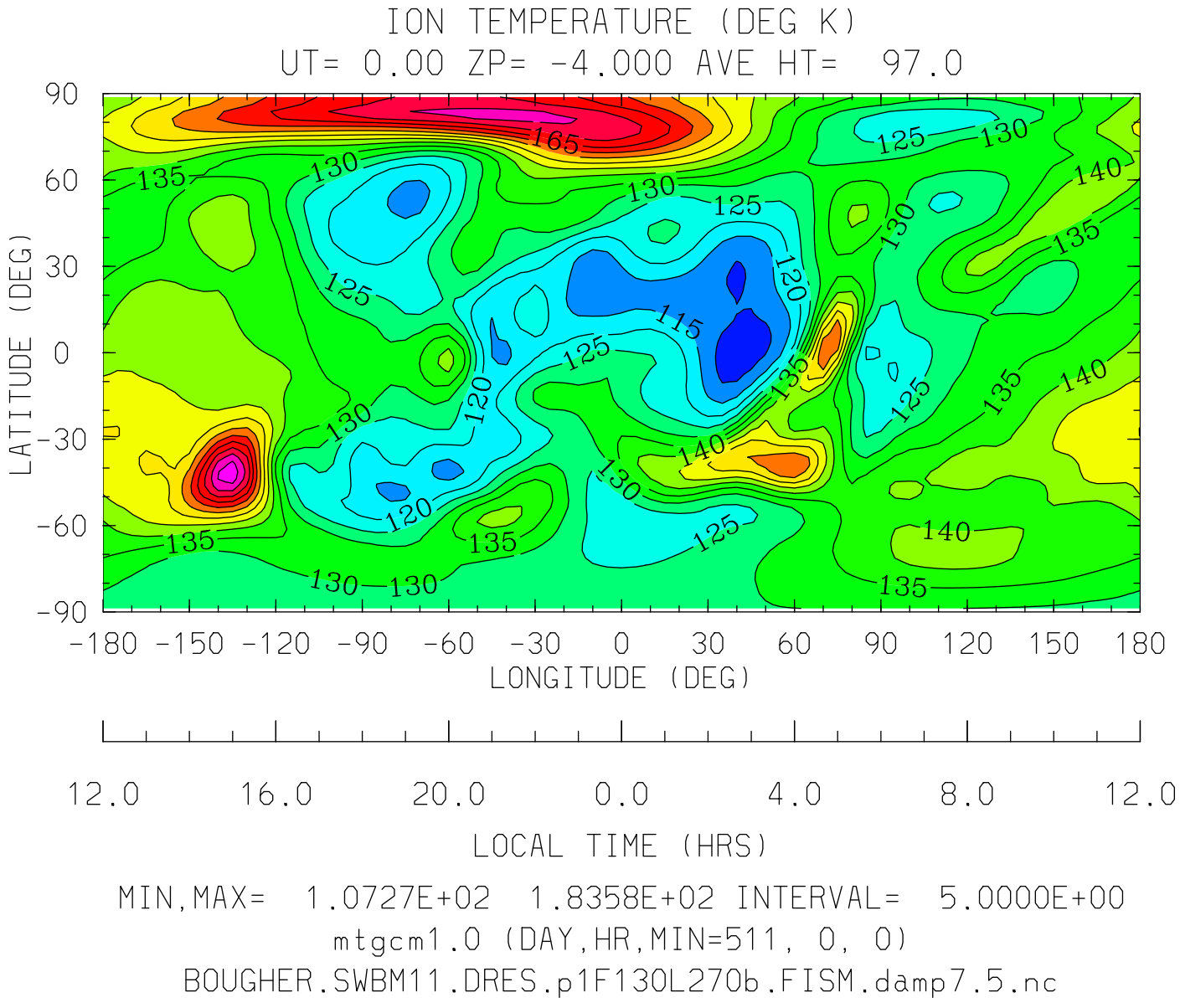


MIN,MAX= 2.6413E+08 6.9170E+08 INTERVAL= 2.5000E+07

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

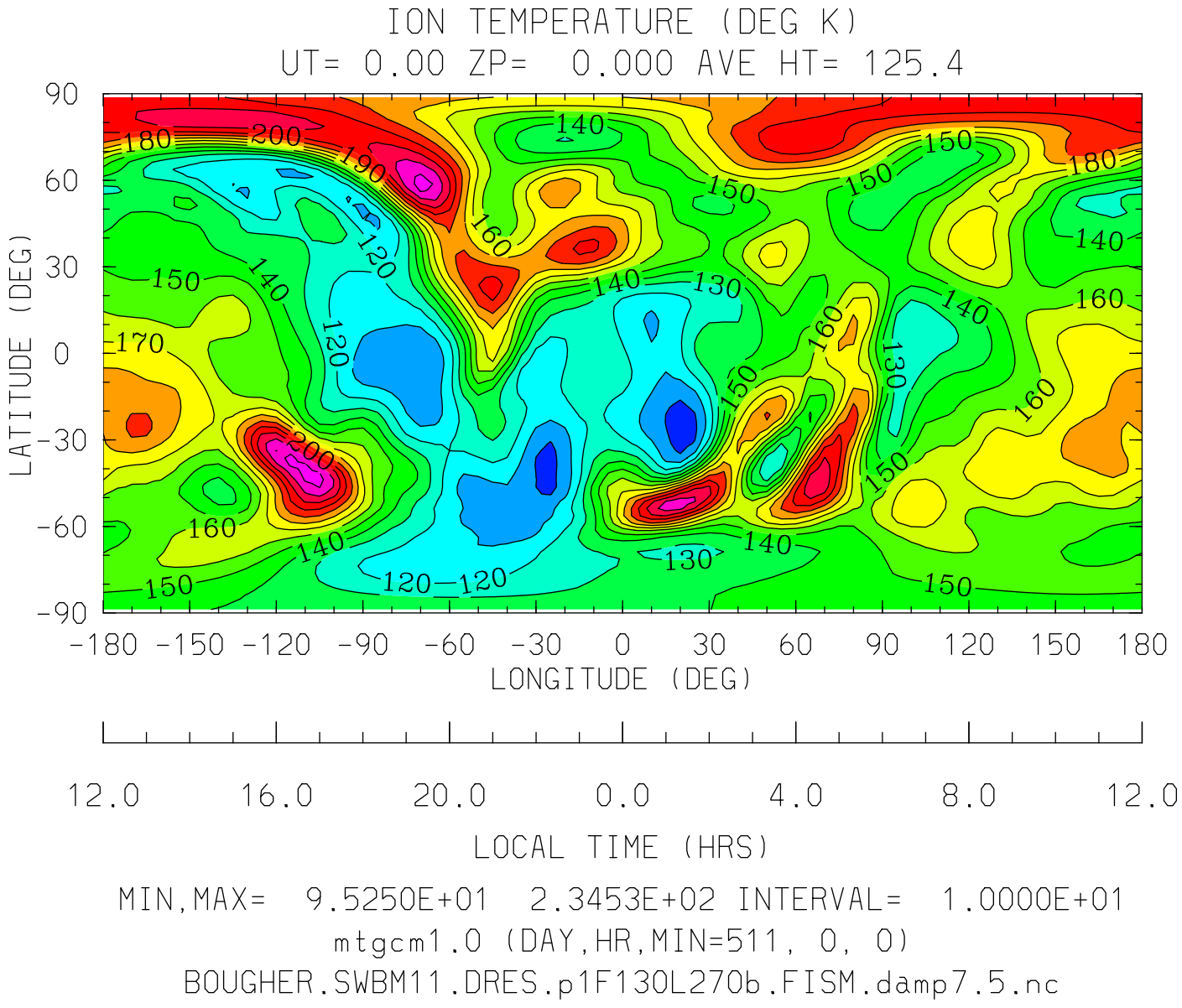

ION TEMPERATURE (DEG K)
UT= 0.00 ZP= -7.000 AVE HT= 74.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.2126E+02 2.1702E+02 INTERVAL= 5.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

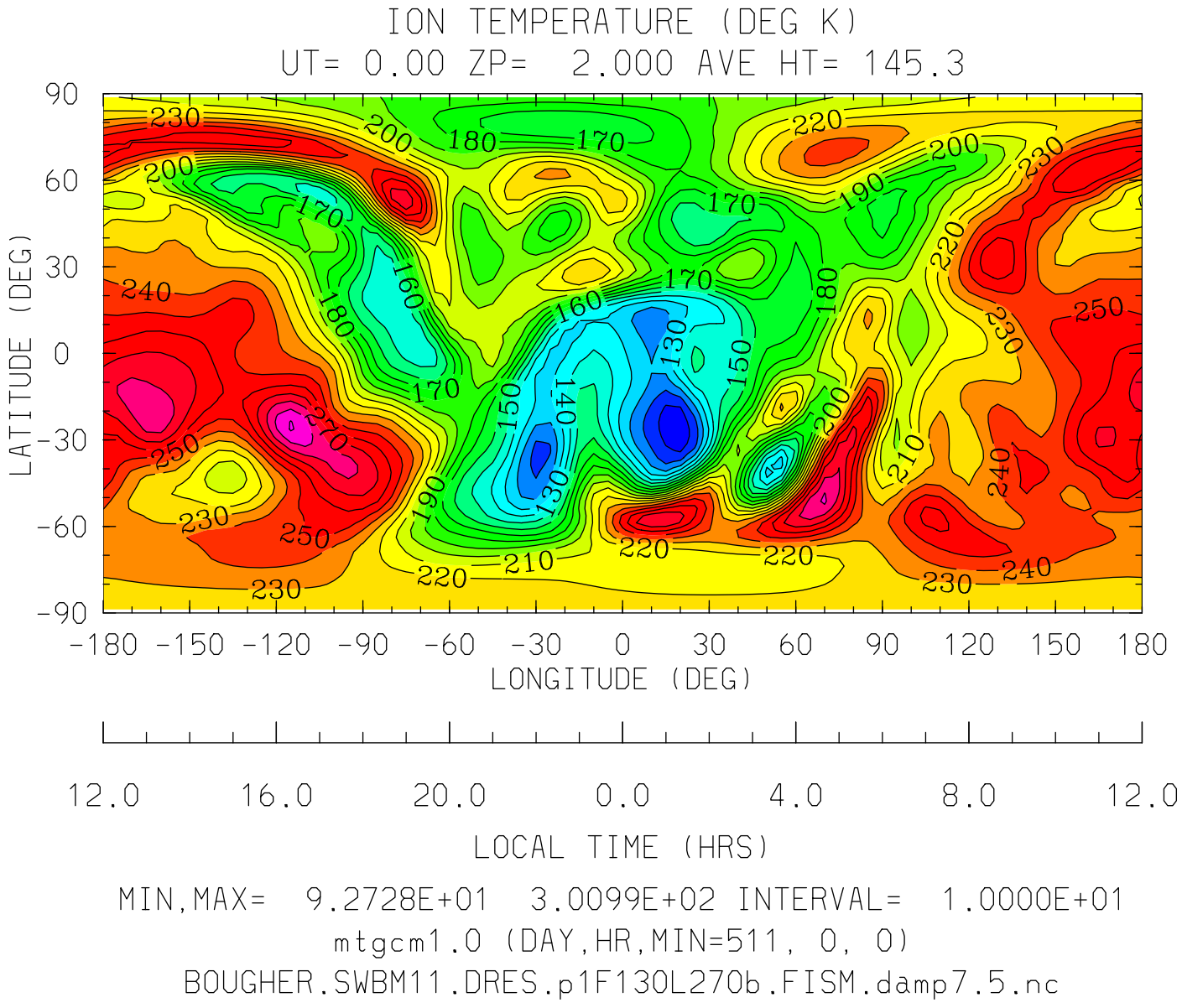


MIN,MAX= 1.0727E+02 1.8358E+02 INTERVAL= 5.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

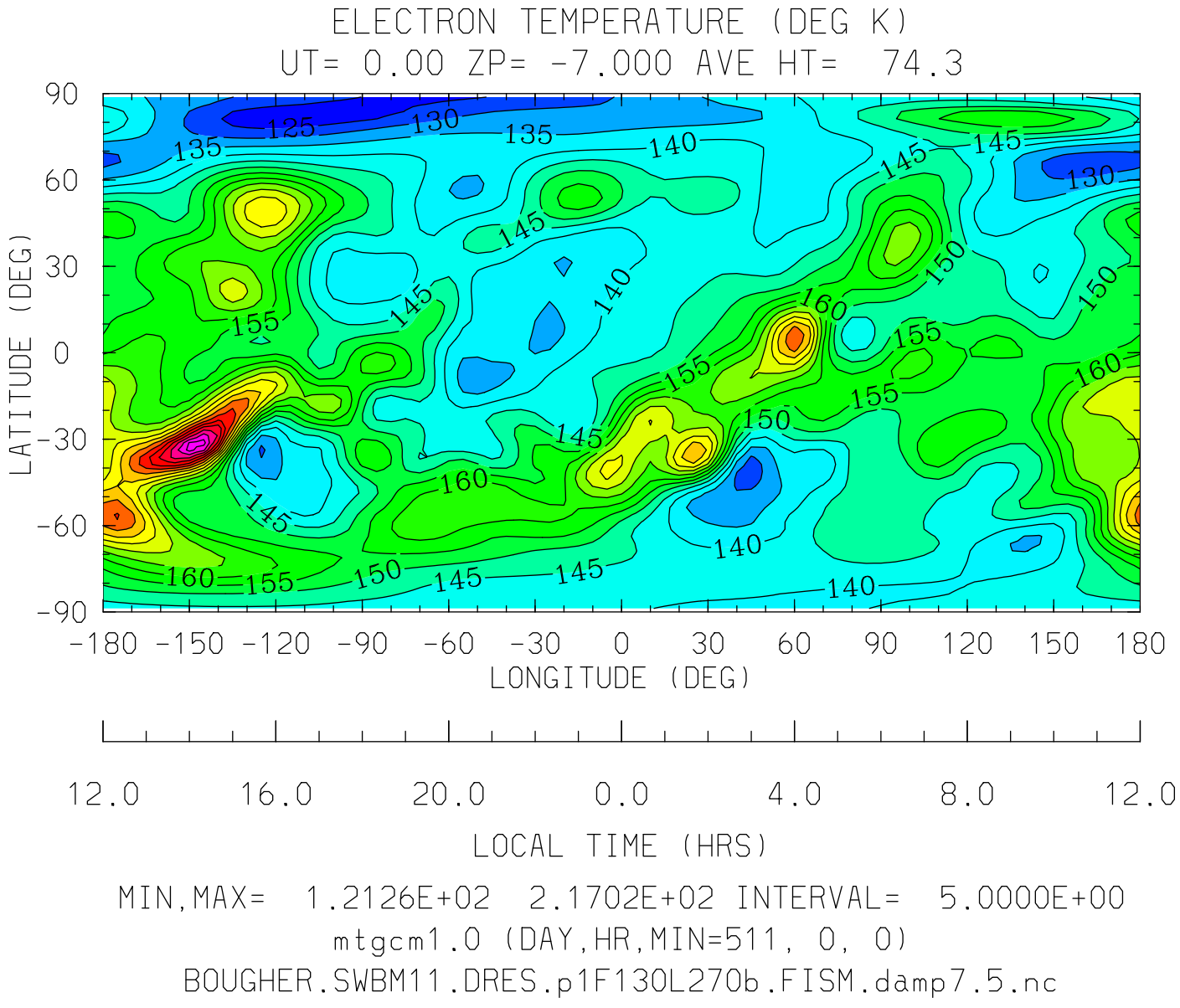

ION TEMPERATURE (DEG K)
UT= 0.00 ZP= 0.000 AVE HT= 125.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 9.5250E+01 2.3453E+02 INTERVAL= 1.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

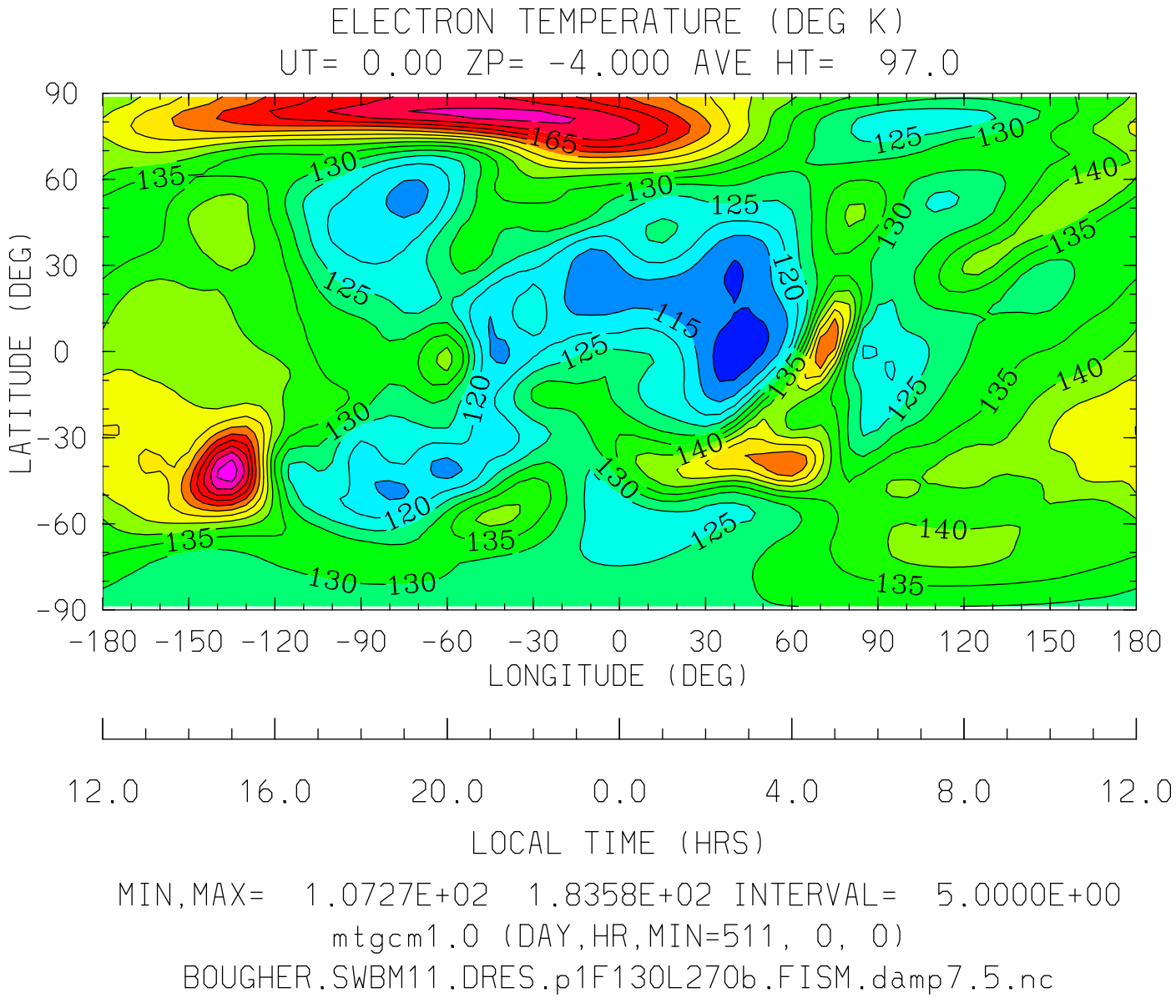


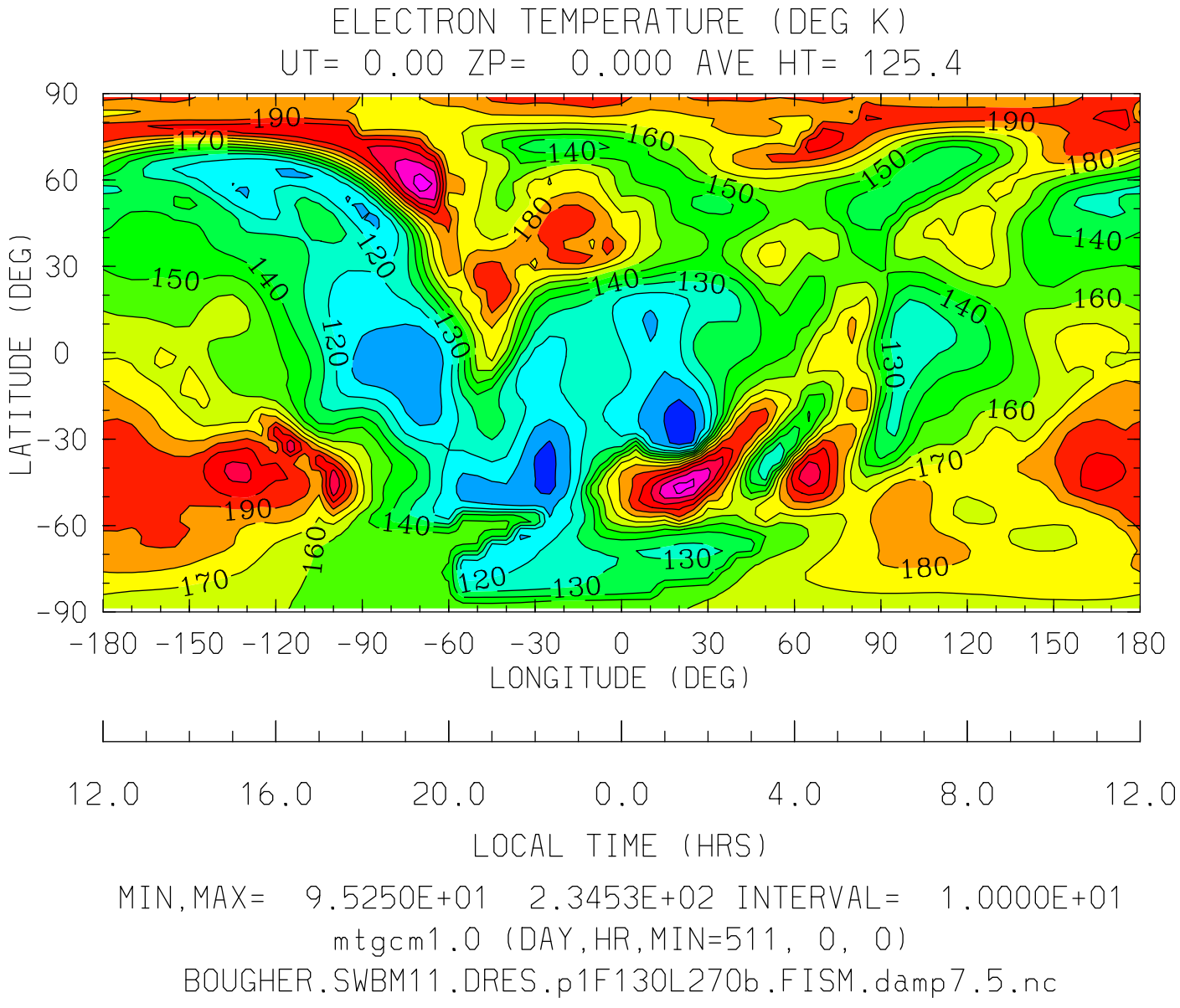
MIN,MAX= 9.2728E+01 3.0099E+02 INTERVAL= 1.0000E+01

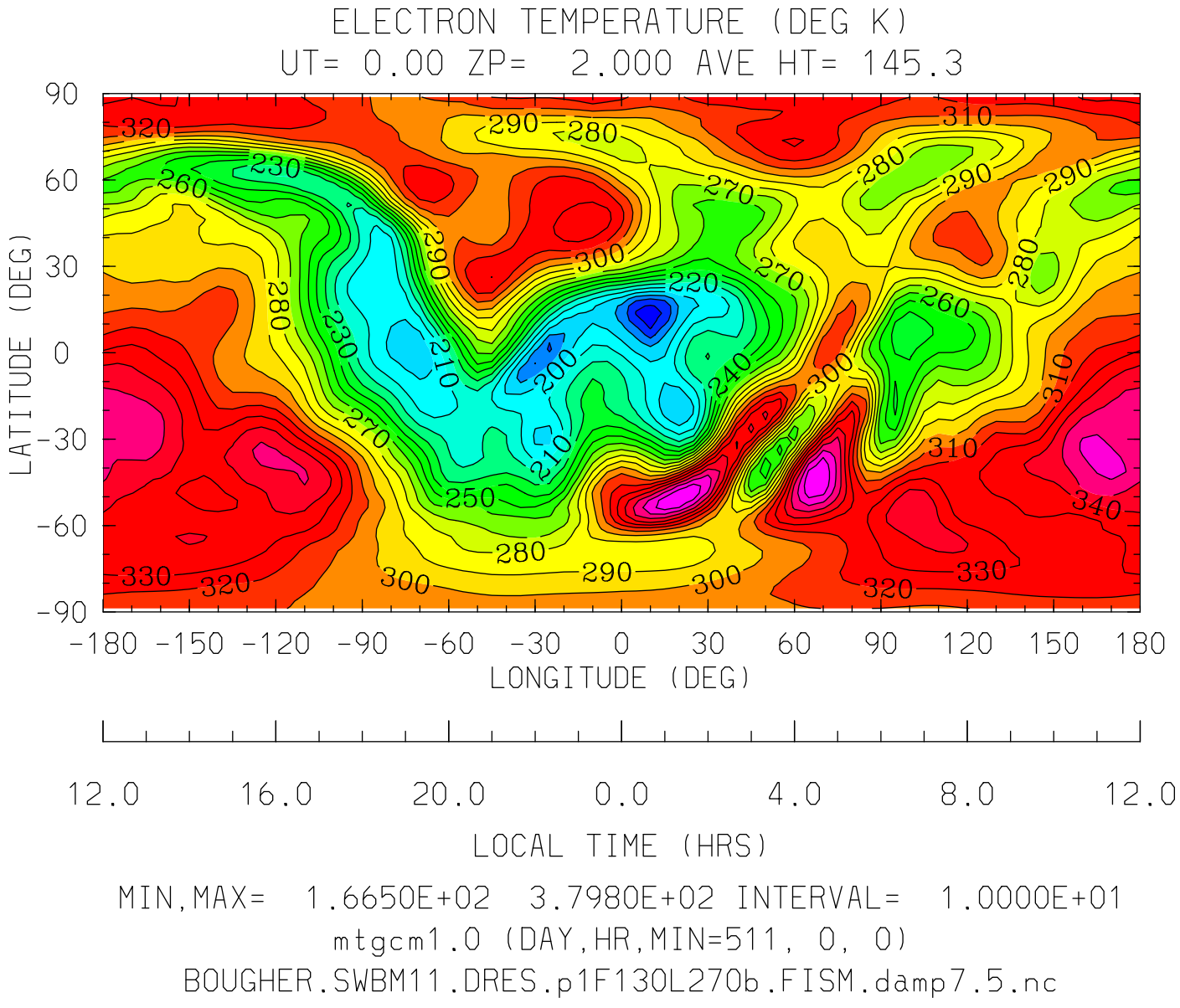
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

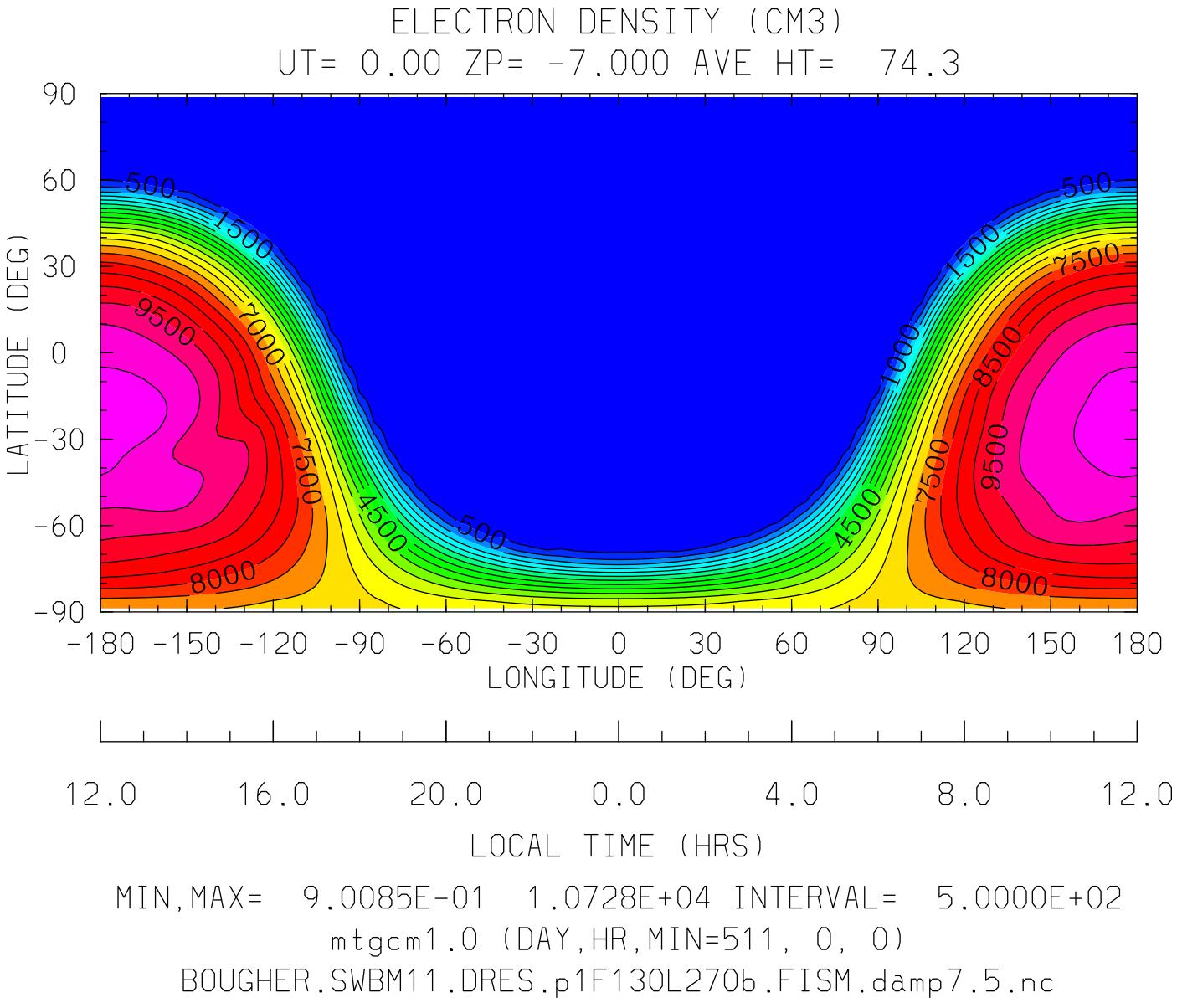
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -7.000 AVE HT= 74.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.2126E+02 2.1702E+02 INTERVAL= 5.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= -4.000 AVE HT= 97.0
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.0727E+02 1.8358E+02 INTERVAL= 5.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= 0.000 AVE HT= 125.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 9.5250E+01 2.3453E+02 INTERVAL= 1.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

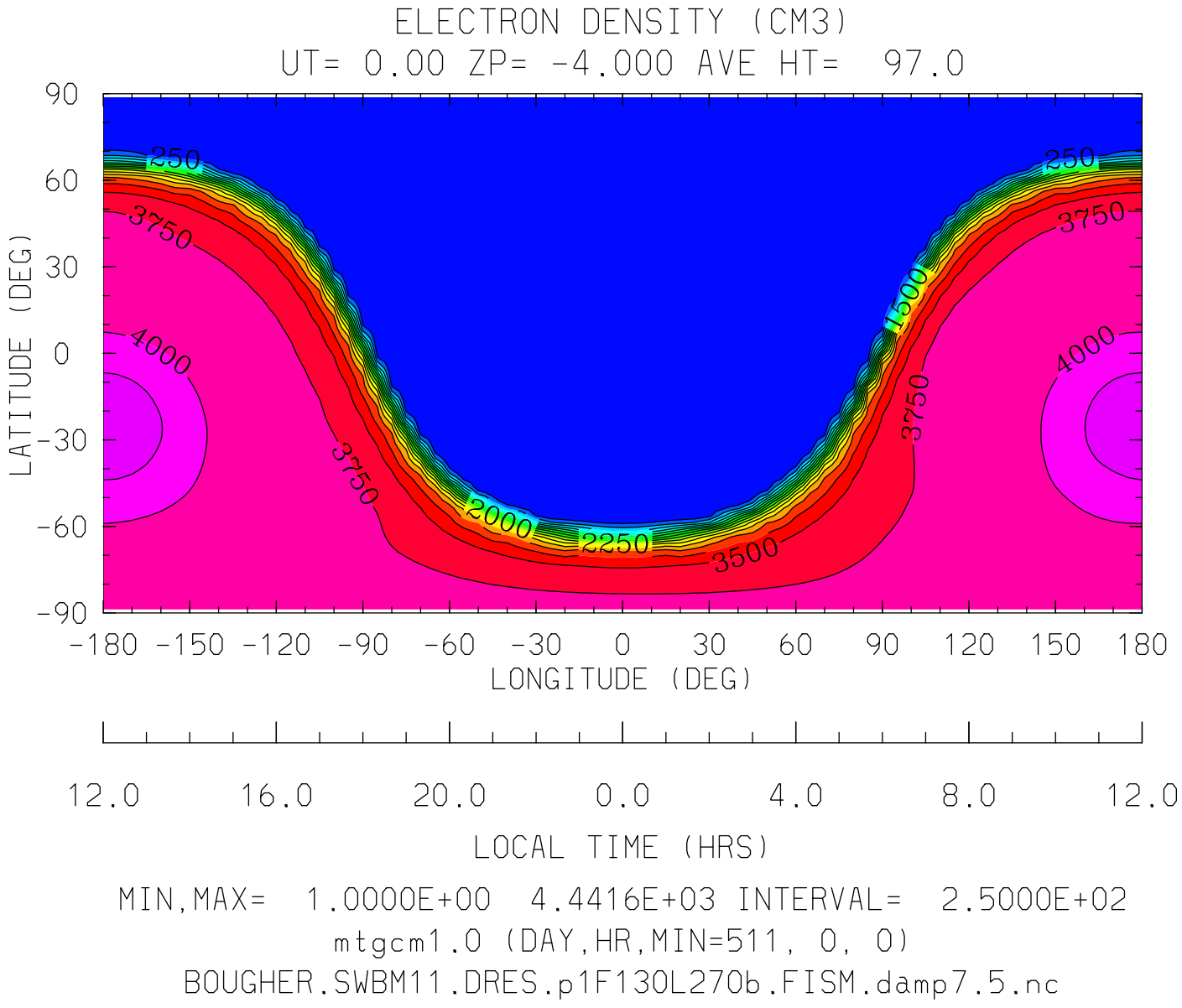

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 ZP= 2.000 AVE HT= 145.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.6650E+02 3.7980E+02 INTERVAL= 1.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 9.0085E-01 1.0728E+04 INTERVAL= 5.0000E+02

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

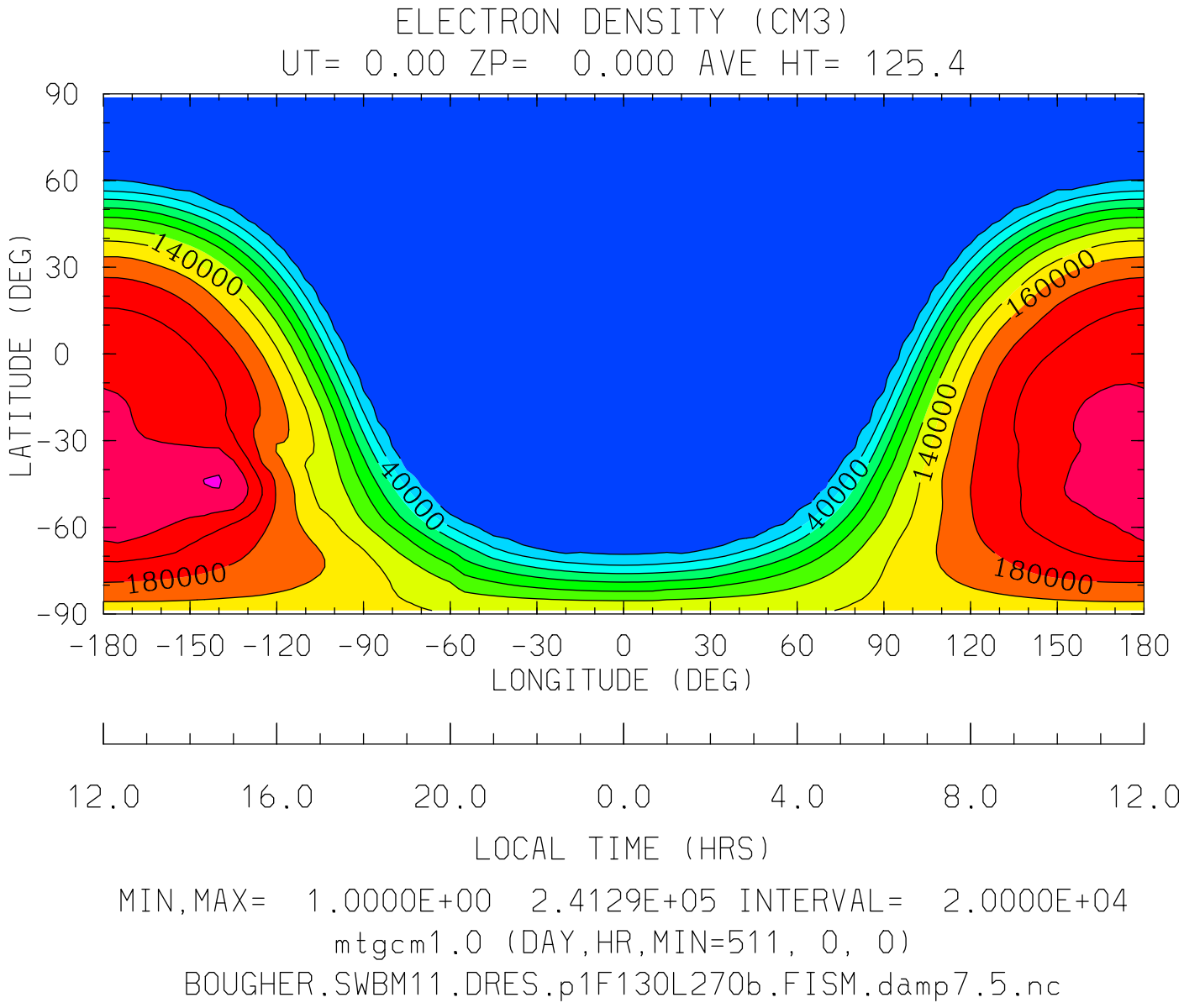
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

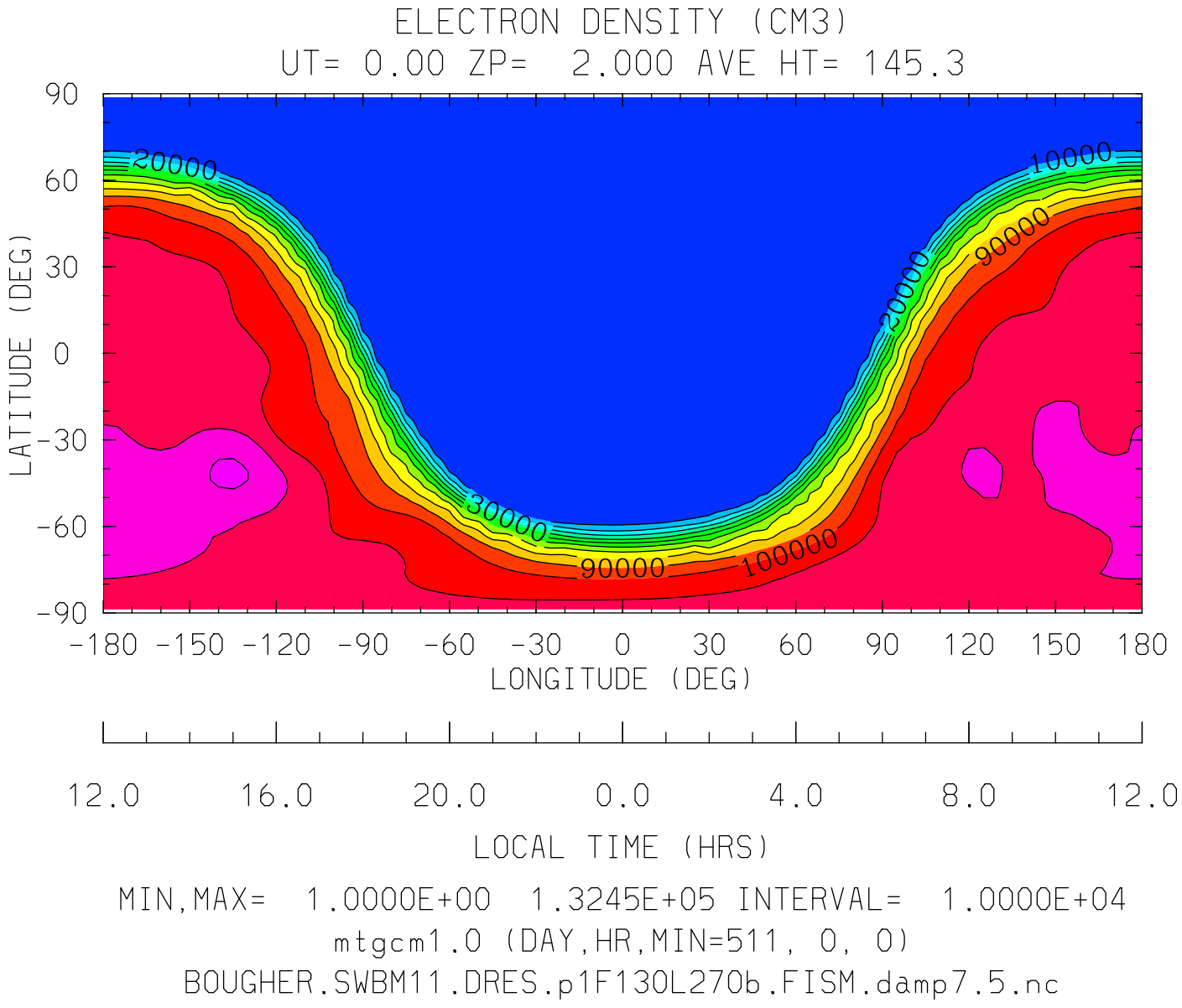


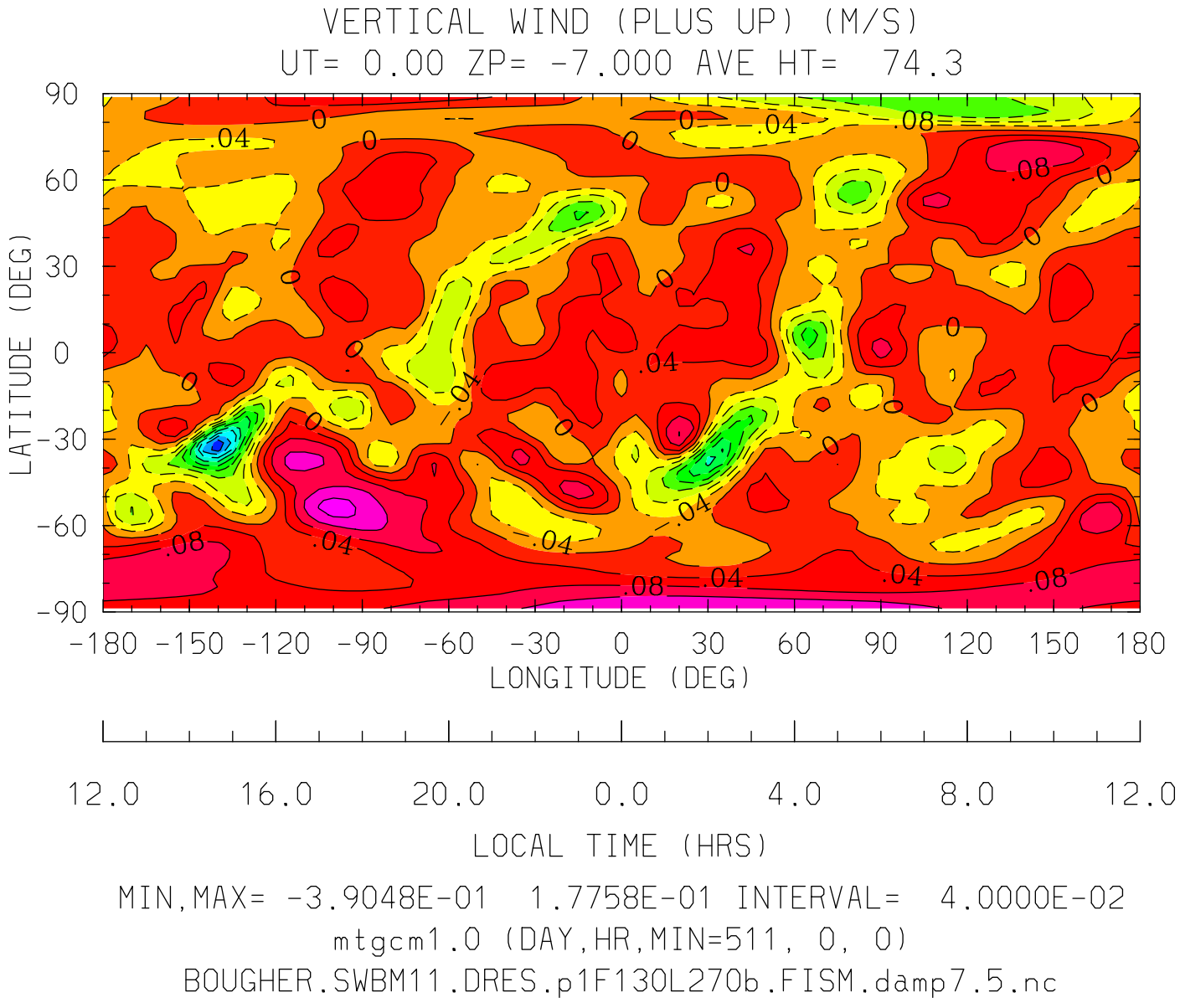
MIN,MAX= 1.0000E+00 4.4416E+03 INTERVAL= 2.5000E+02

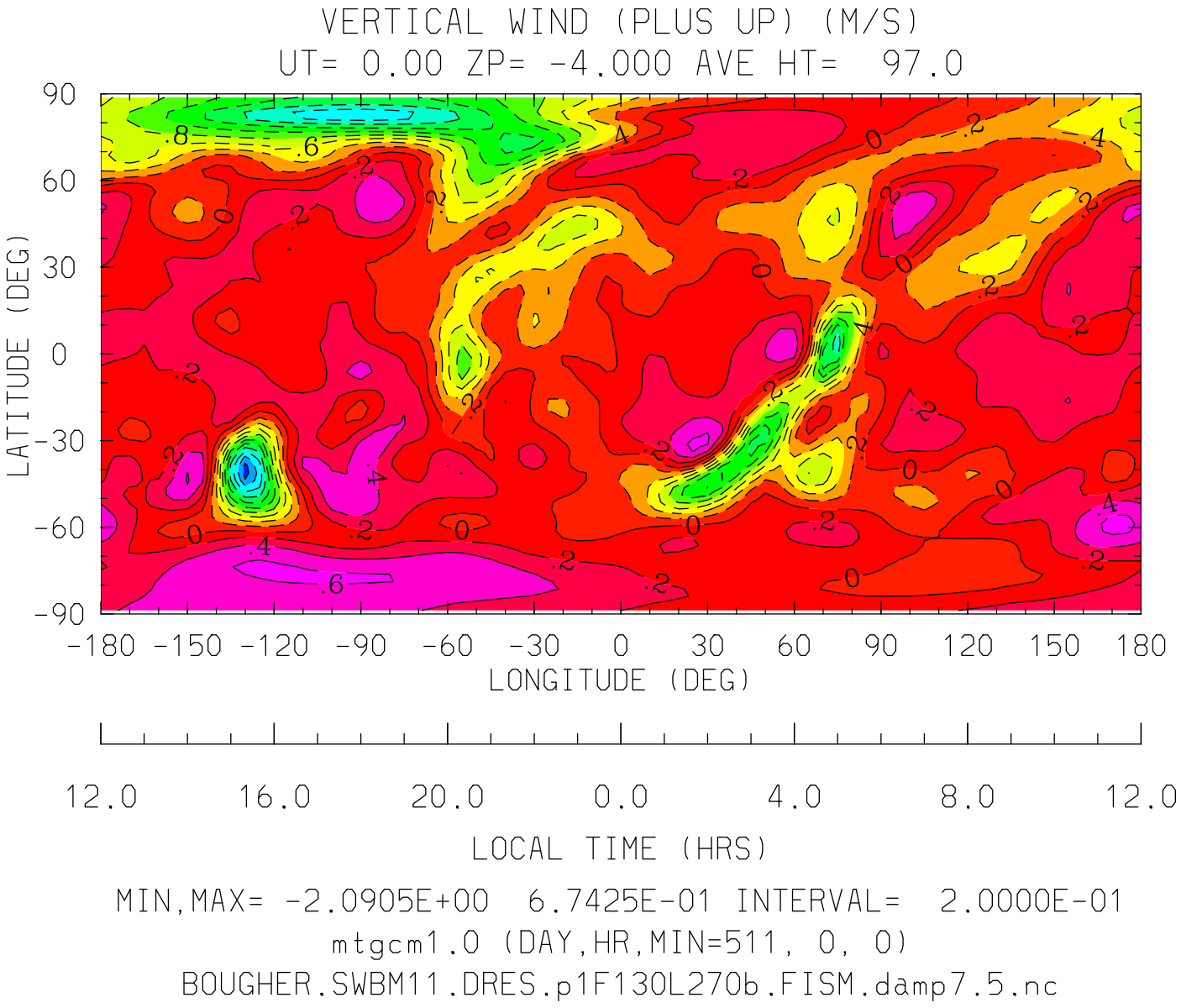
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

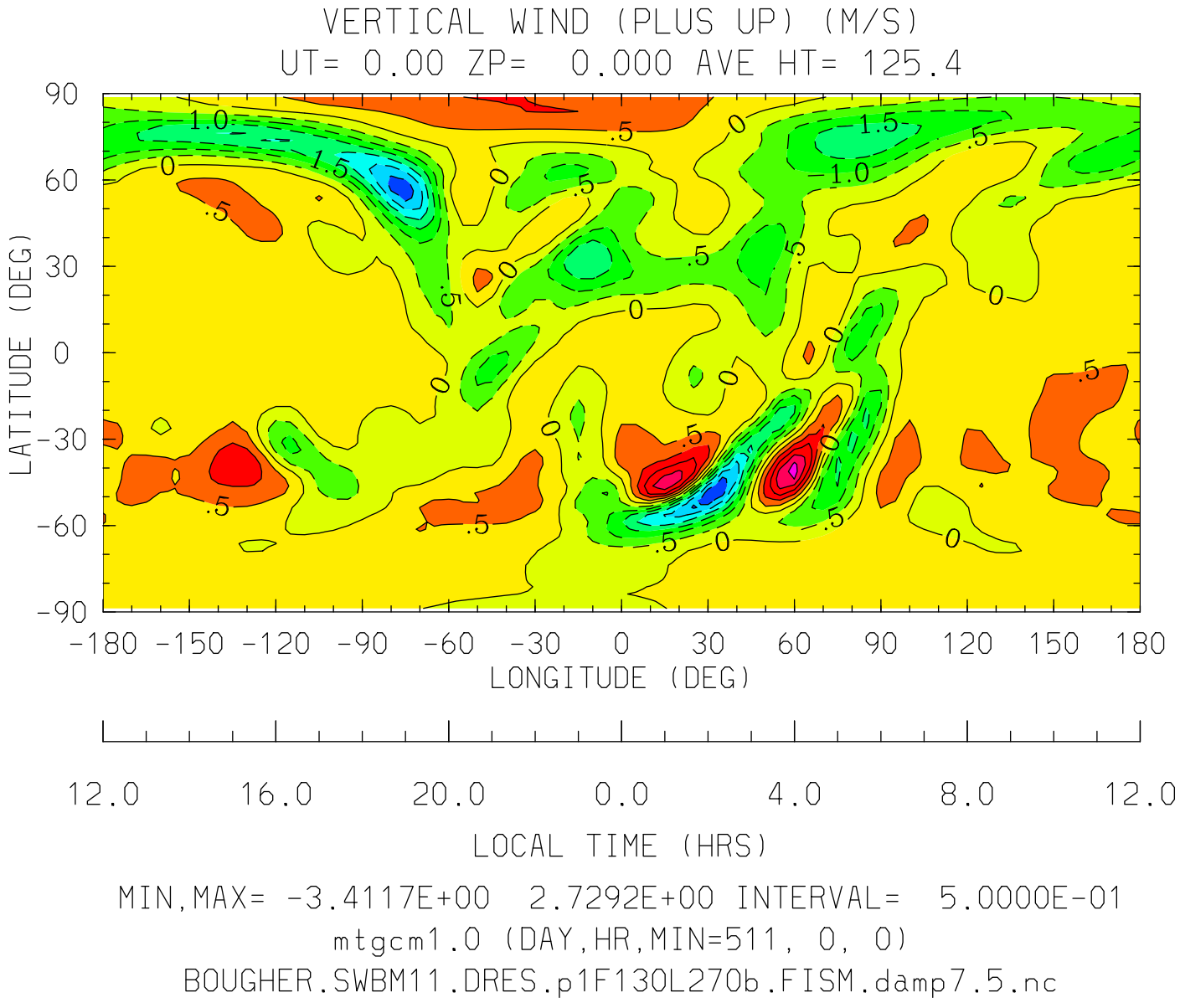
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

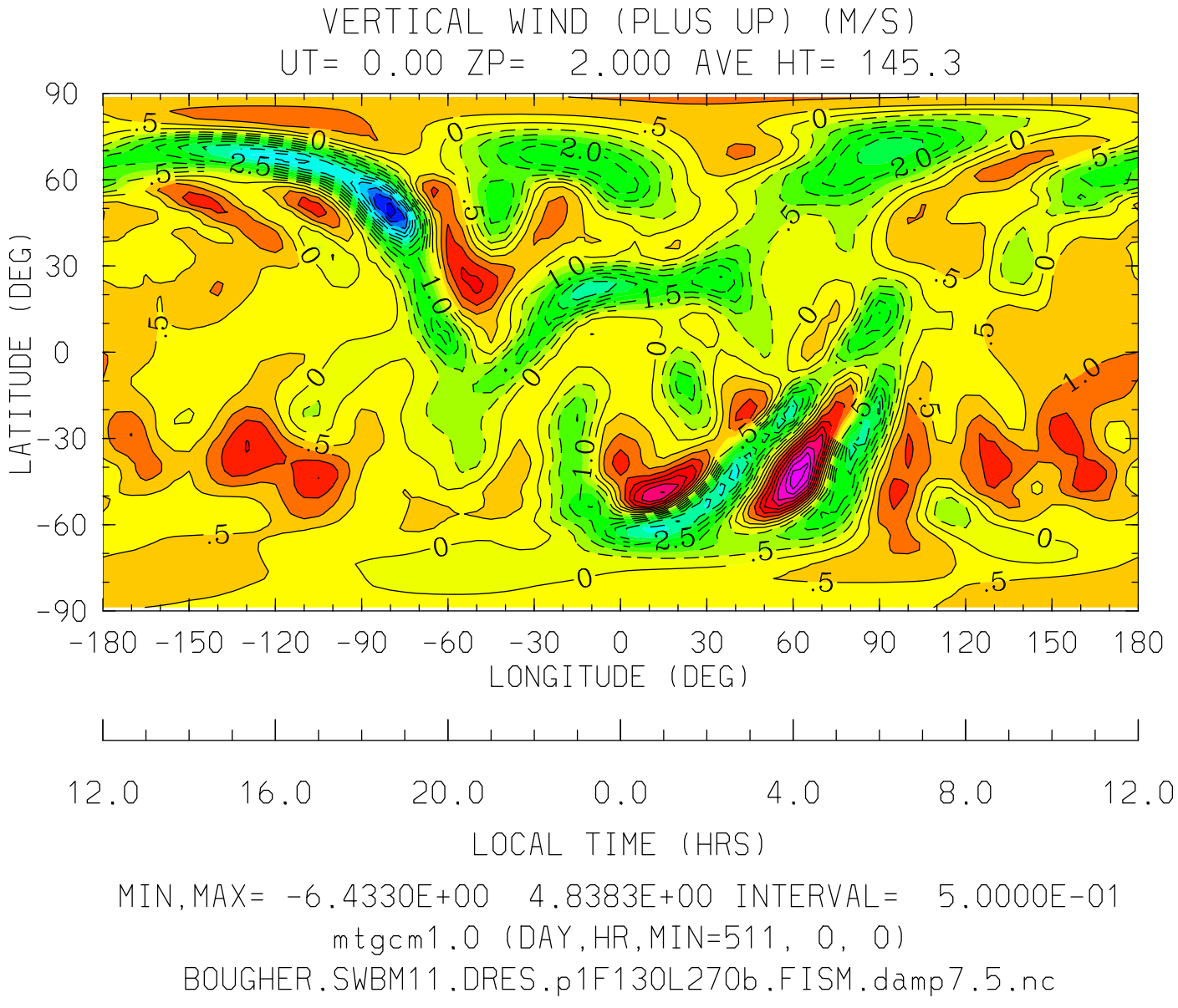

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= 0.000 AVE HT= 125.4
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
140000
40000
160000
140000
40000
180000
180000
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.0000E+00 2.4129E+05 INTERVAL= 2.0000E+04
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

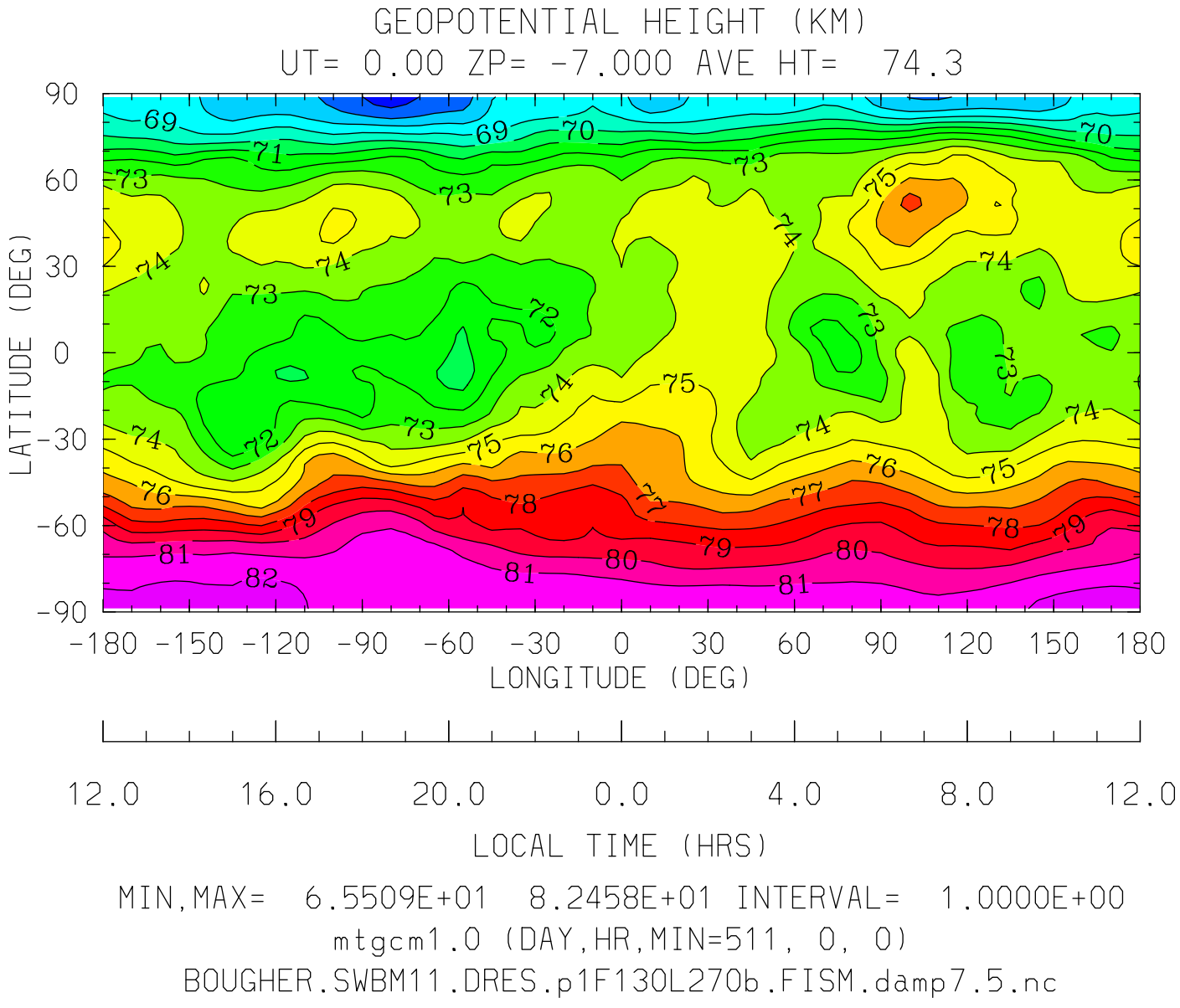

ELECTRON DENSITY (CM3)
UT= 0.00 ZP= 2.000 AVE HT= 145.3
90
60
30
0
-30
-60
-90
LATITUDE (DEG)
20000
10000
90000
20000
30000
90000
100000
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 1.0000E+00 1.3245E+05 INTERVAL= 1.0000E+04
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

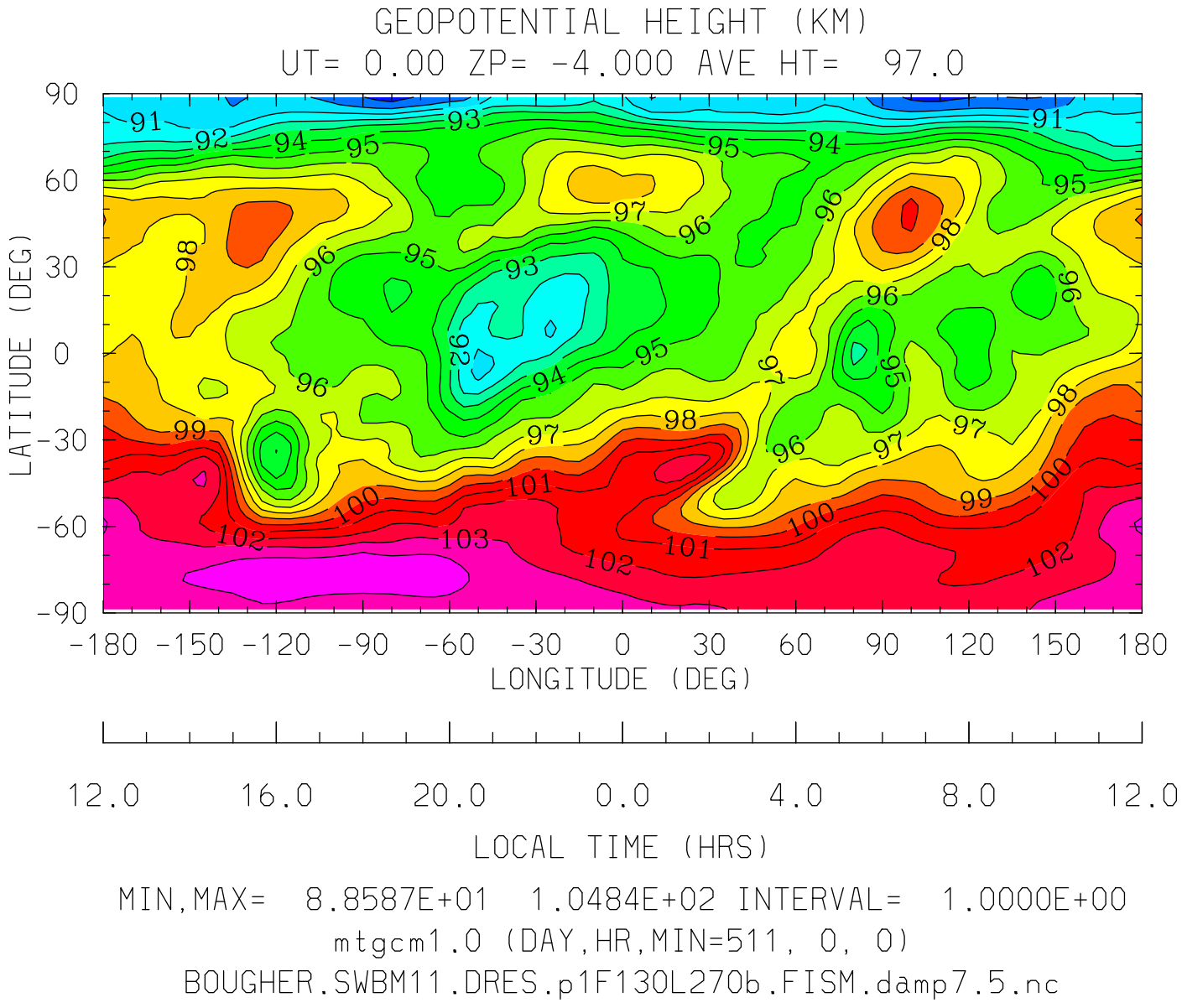

VERTICAL WIND (PLUS UP) (M/S)
UT= 0.00 ZP= -7.000 AVE HT= 74.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -3.9048E-01 1.7758E-01 INTERVAL= 4.0000E-02
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


VERTICAL WIND (PLUS UP) (M/S)
UT= 0.00 ZP= -4.000 AVE HT= 97.0
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -2.0905E+00 6.7425E-01 INTERVAL= 2.0000E-01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


VERTICAL WIND (PLUS UP) (M/S)
UT= 0.00 ZP= 0.000 AVE HT= 125.4
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -3.4117E+00 2.7292E+00 INTERVAL= 5.0000E-01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


VERTICAL WIND (PLUS UP) (M/S)
UT= 0.00 ZP= 2.000 AVE HT= 145.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= -6.4330E+00 4.8383E+00 INTERVAL= 5.0000E-01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

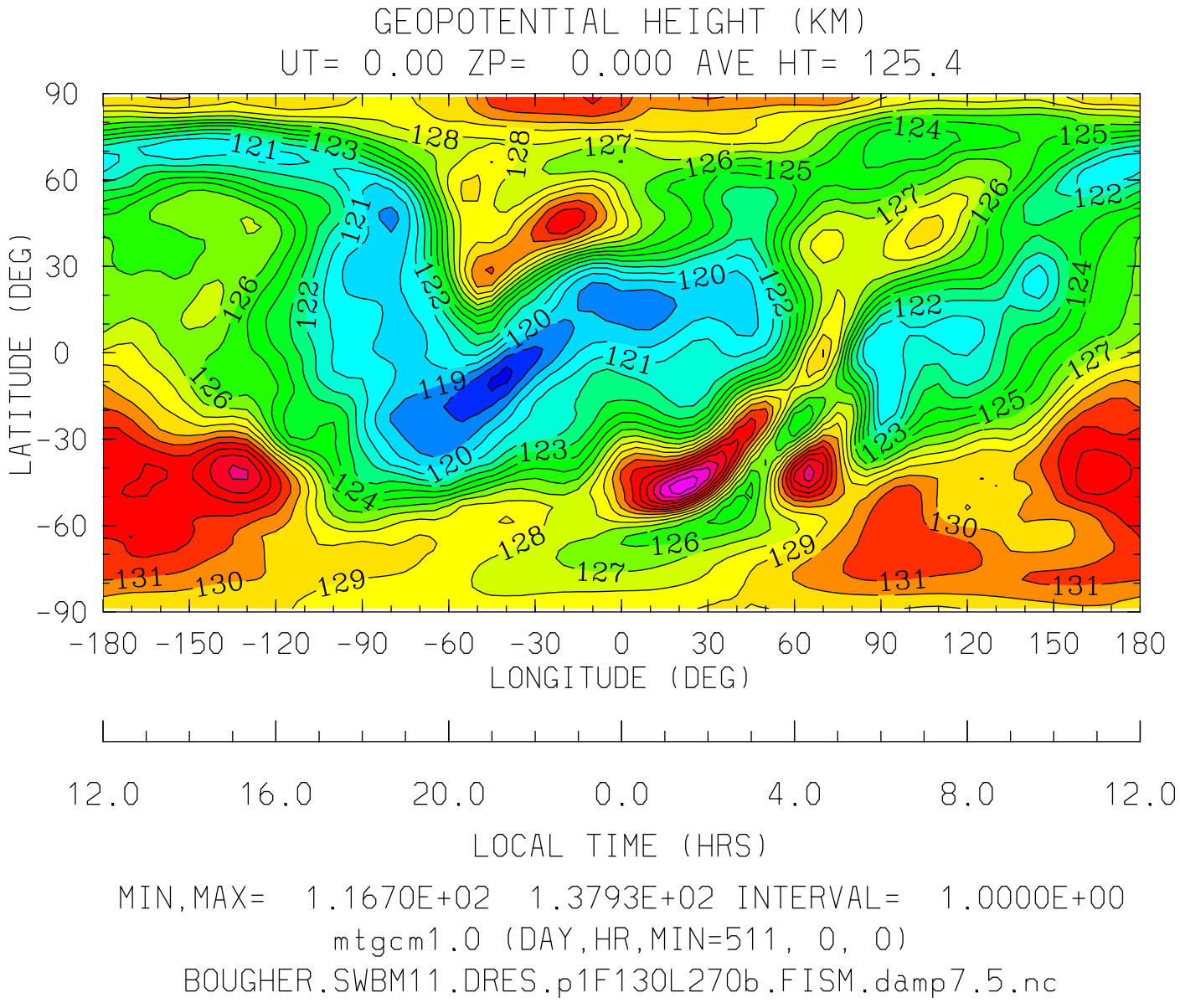

GEOPOTENTIAL HEIGHT (KM)
UT= 0.00 ZP= -7.000 AVE HT= 74.3
LATITUDE (DEG)
90
60
30
0
-30
-60
-90
-180 -150 -120 -90 -60 -30 0 30 60 90 120 150 180
LONGITUDE (DEG)
12.0 16.0 20.0 0.0 4.0 8.0 12.0
LOCAL TIME (HRS)
MIN,MAX= 6.5509E+01 8.2458E+01 INTERVAL= 1.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 8.8587E+01 1.0484E+02 INTERVAL= 1.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

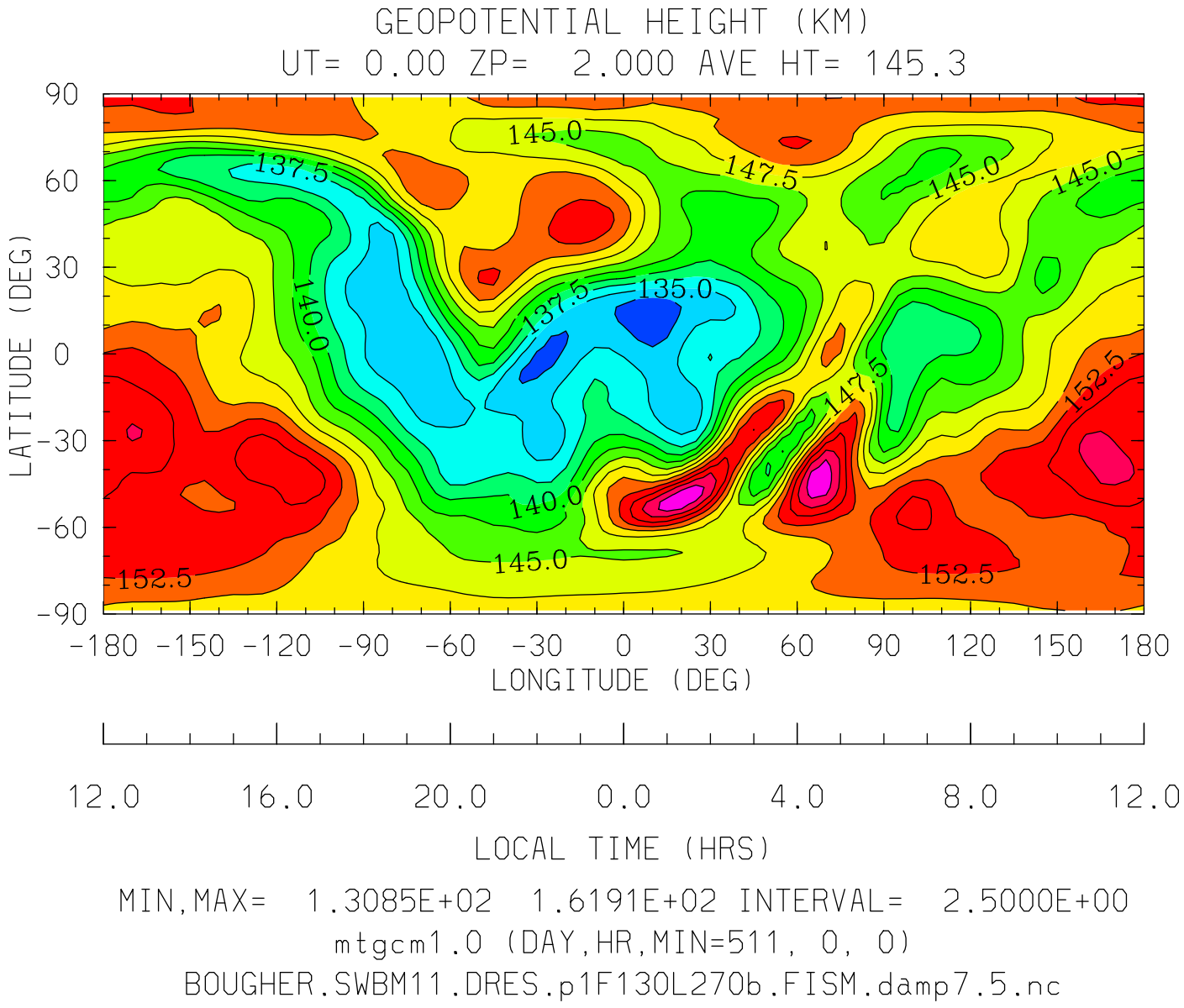
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 1.1670E+02 1.3793E+02 INTERVAL= 1.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

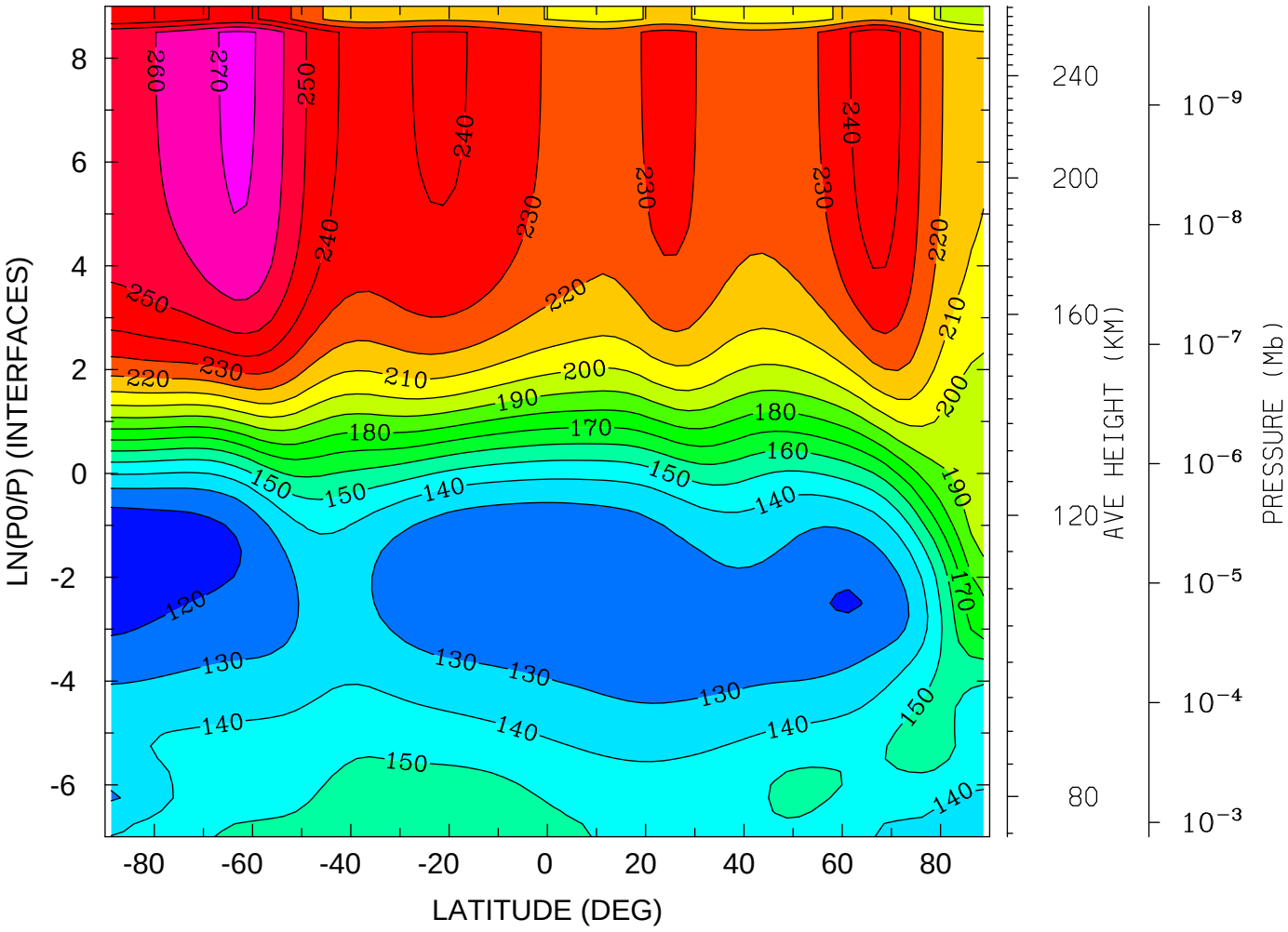


MIN,MAX= 1.3085E+02 1.6191E+02 INTERVAL= 2.5000E+00

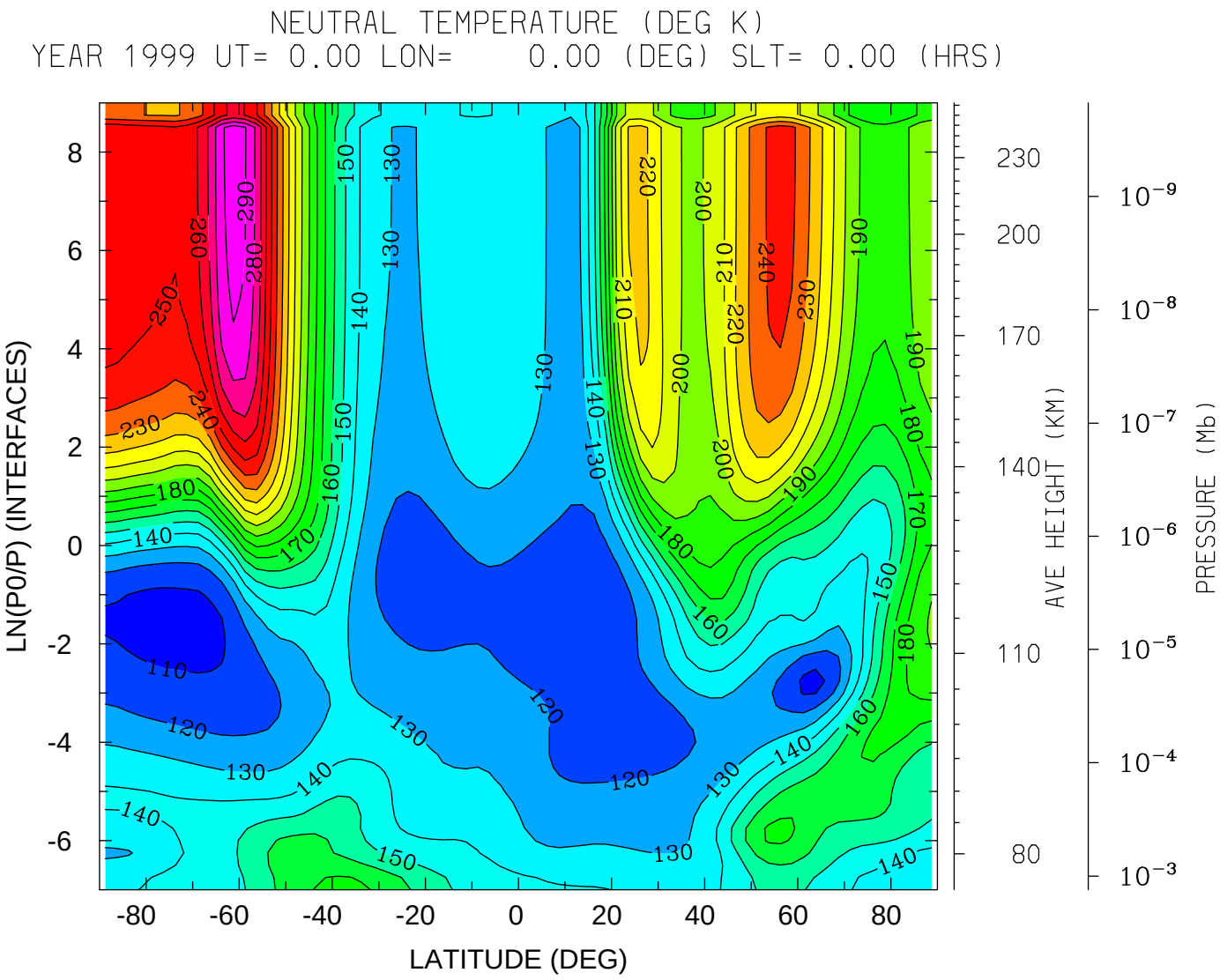
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

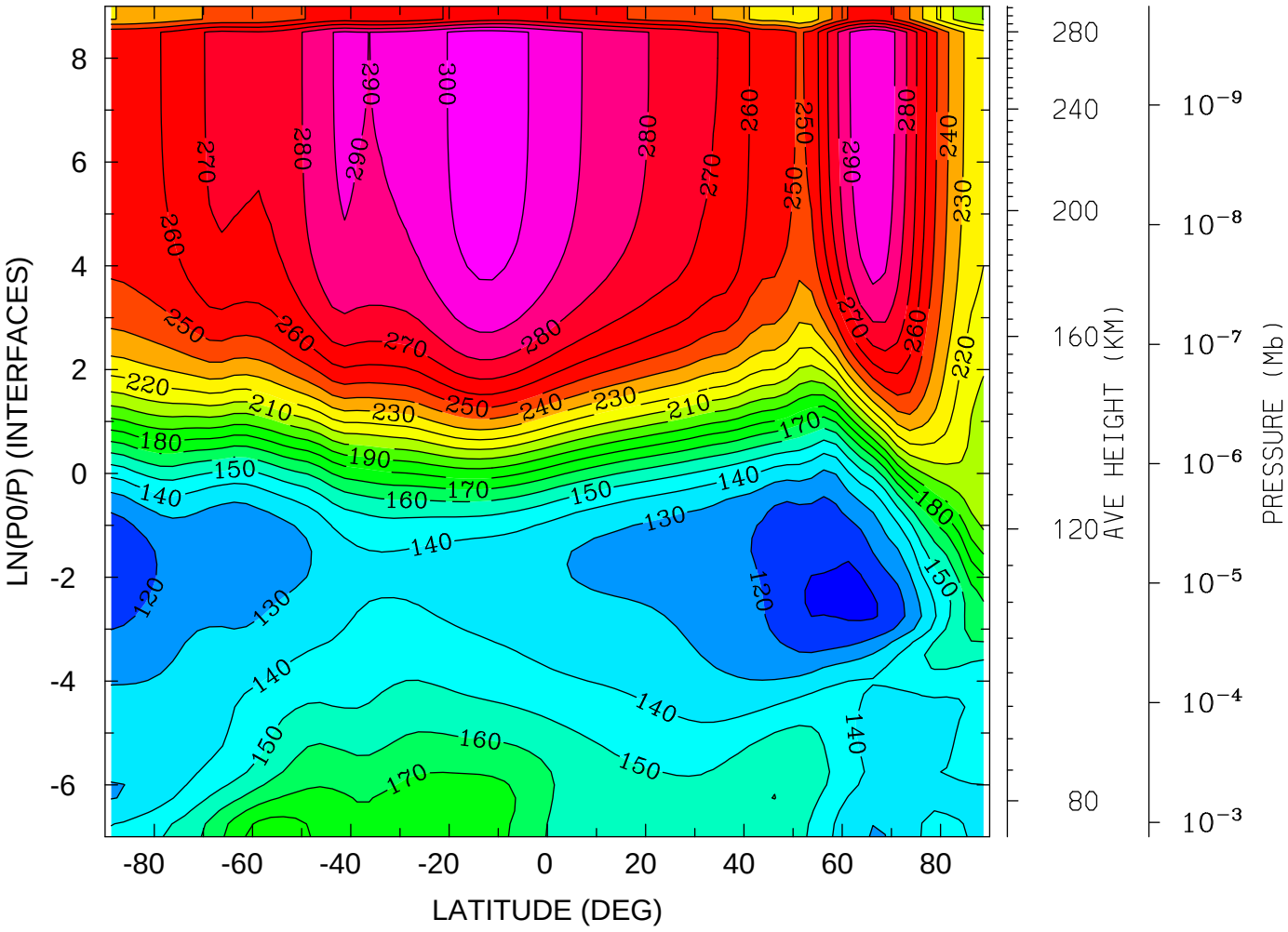
NEUTRAL TEMPERATURE (DEG K)
YEAR 1999 UT= 0.00 ZONAL MEANS



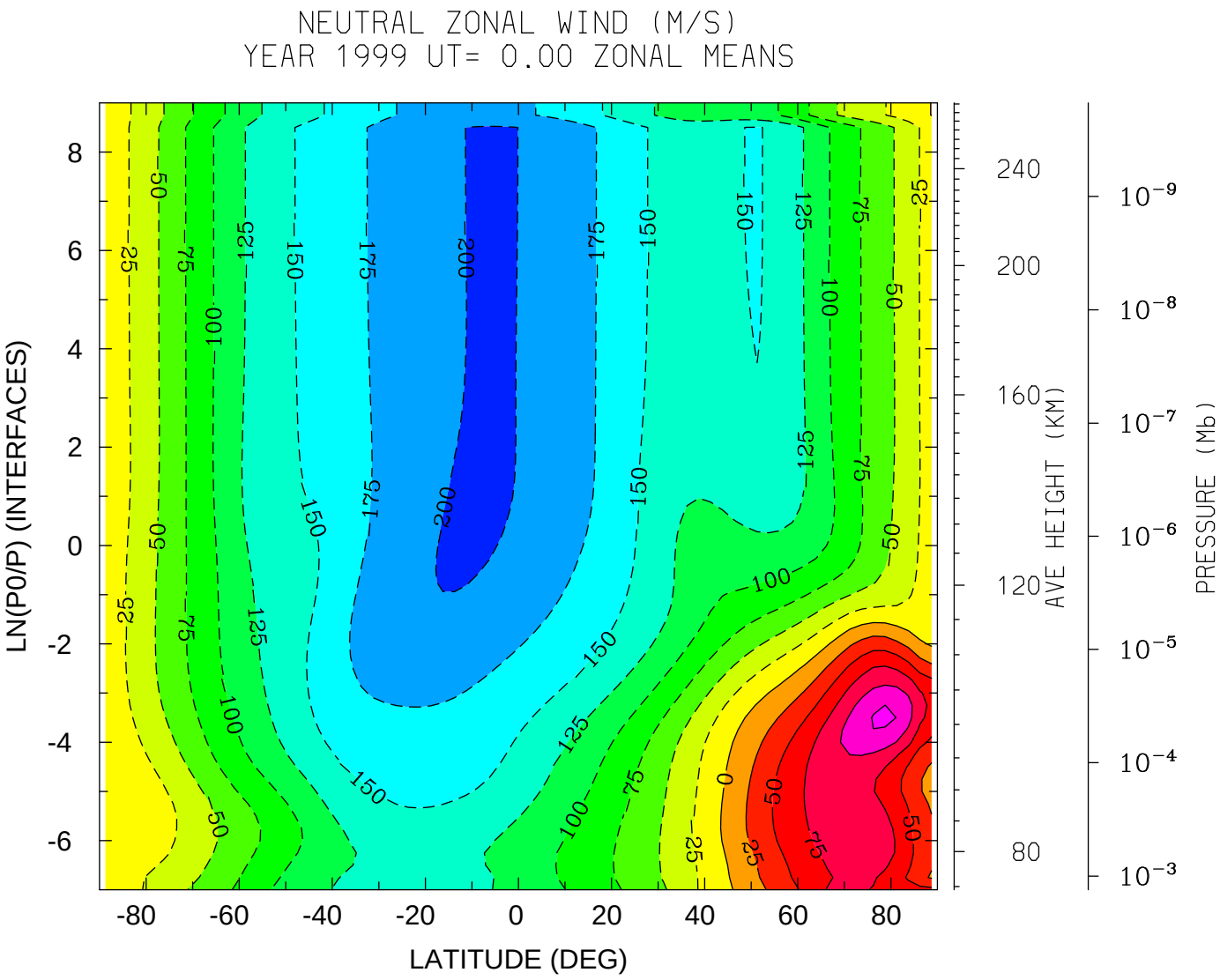
MIN,MAX= 1.1103E+02 2.7202E+02 INTERVAL= 1.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


NEUTRAL TEMPERATURE (DEG K)
YEAR 1999 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (INTERFACES)
8
6
4
2
0
-2
-4
-6
-80 -60 -40 -20 0 20 40 60 80
LATITUDE (DEG)
AVE HEIGHT (KM)
230
200
170
140
110
80
PRESSURE (Mb)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
MIN,MAX= 1.0604E+02 2.9486E+02 INTERVAL= 1.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

NEUTRAL TEMPERATURE (DEG K)
YEAR 1999 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= 1.0704E+02 3.0459E+02 INTERVAL= 1.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

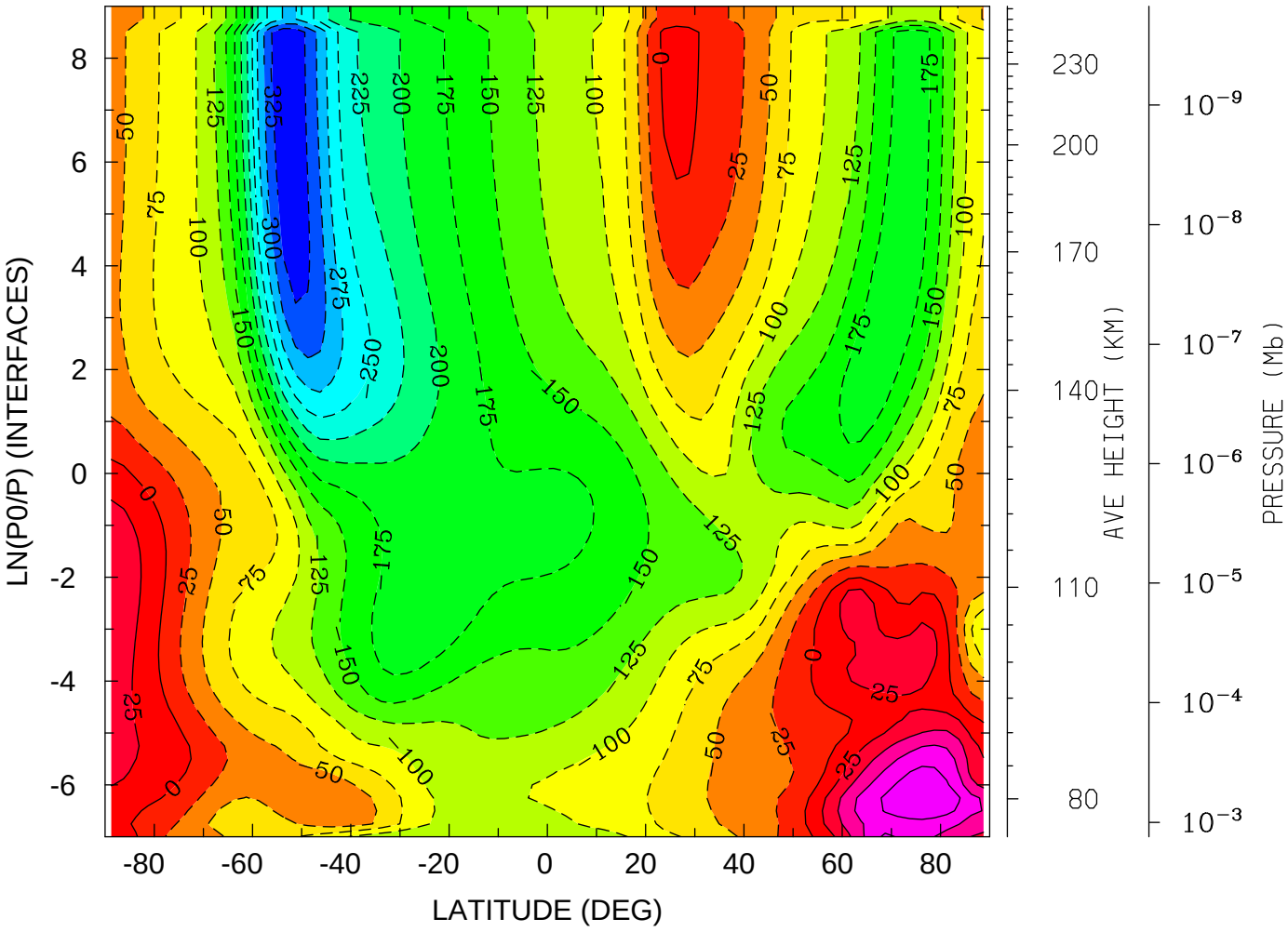


MIN,MAX= -2.0323E+02 1.2961E+02 INTERVAL= 2.5000E+01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

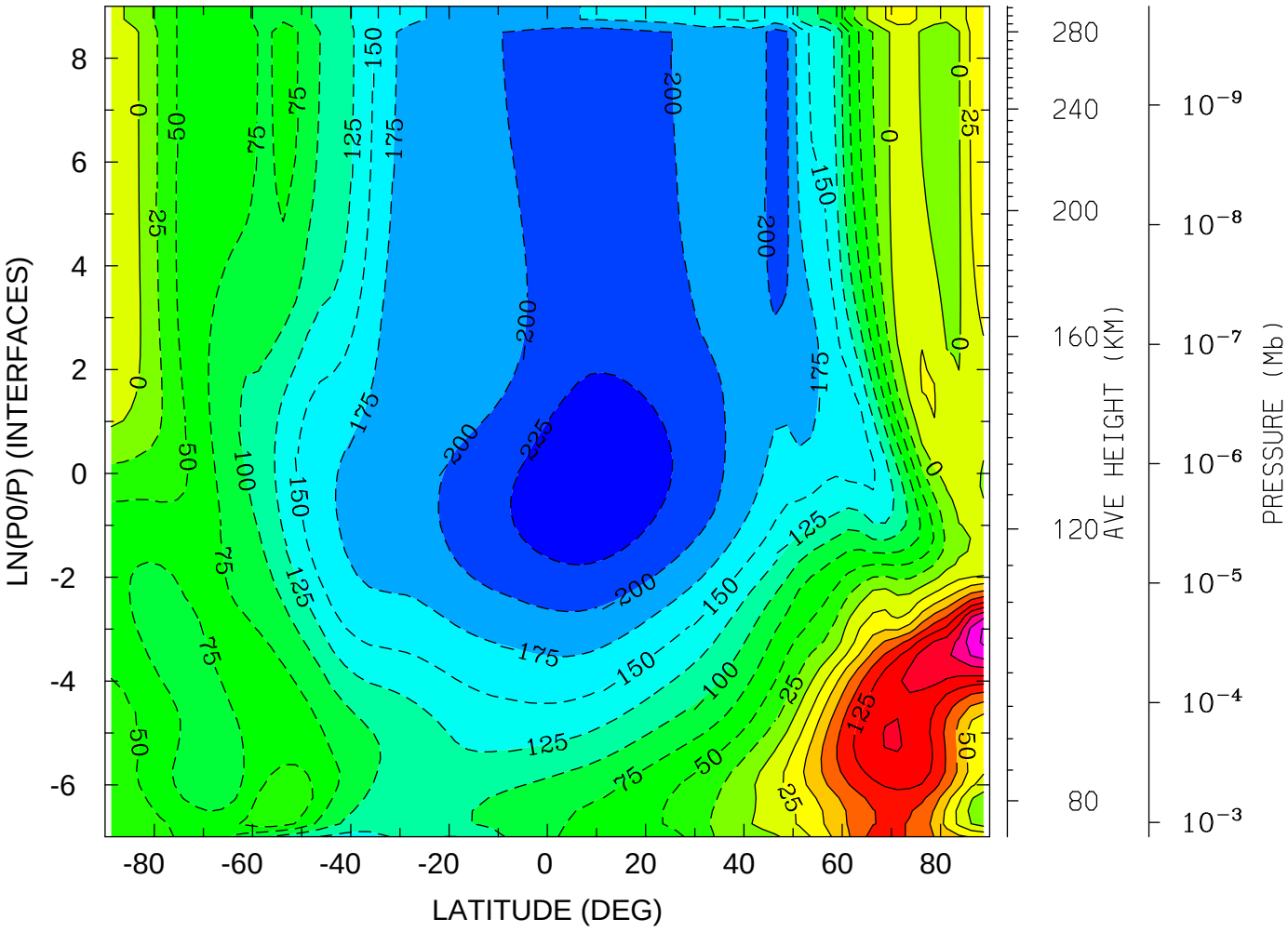
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

NEUTRAL ZONAL WIND (M/S)
YEAR 1999 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



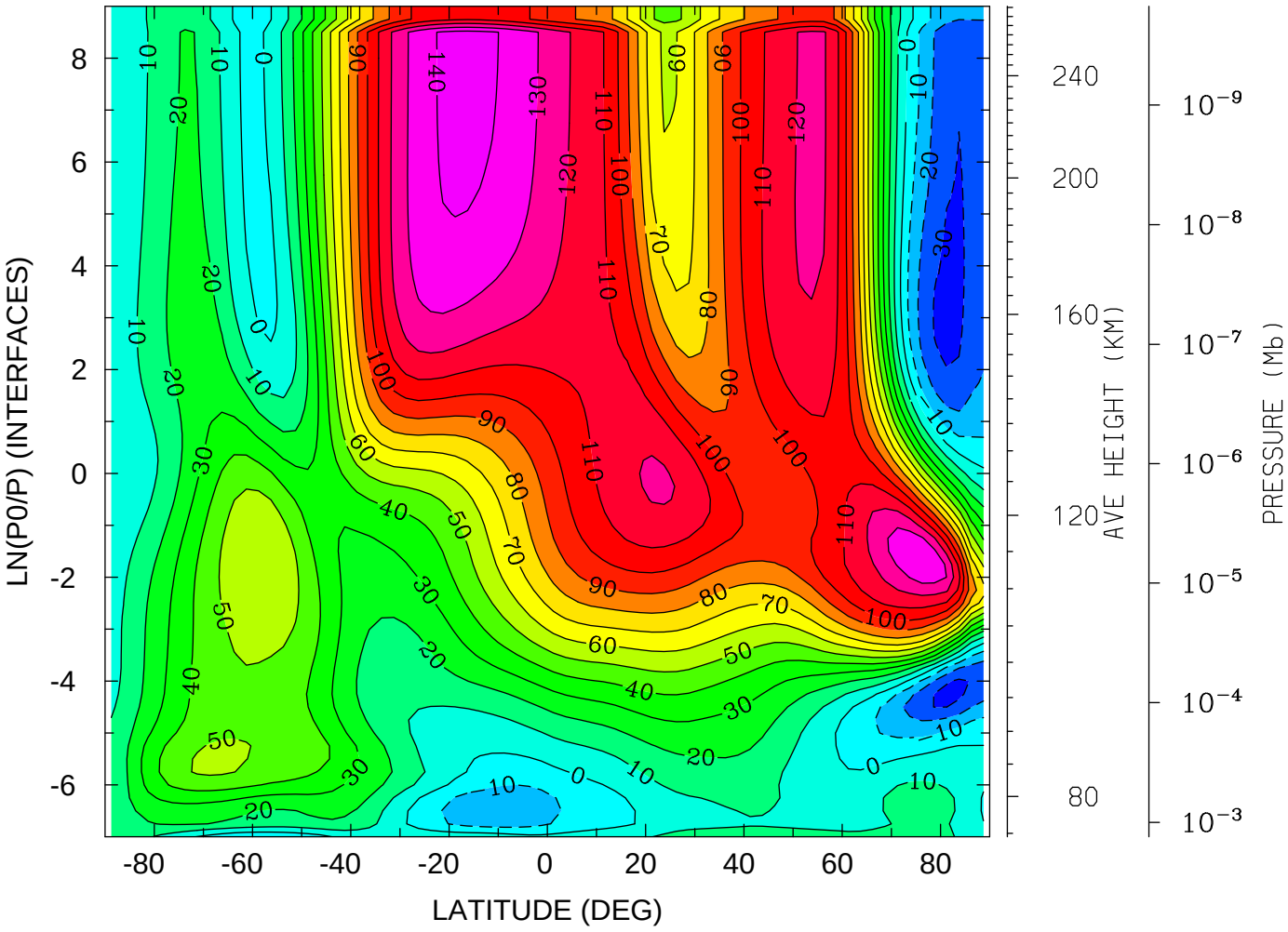
MIN,MAX= -3.4452E+02 1.1963E+02 INTERVAL= 2.5000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

NEUTRAL ZONAL WIND (M/S)
YEAR 1999 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



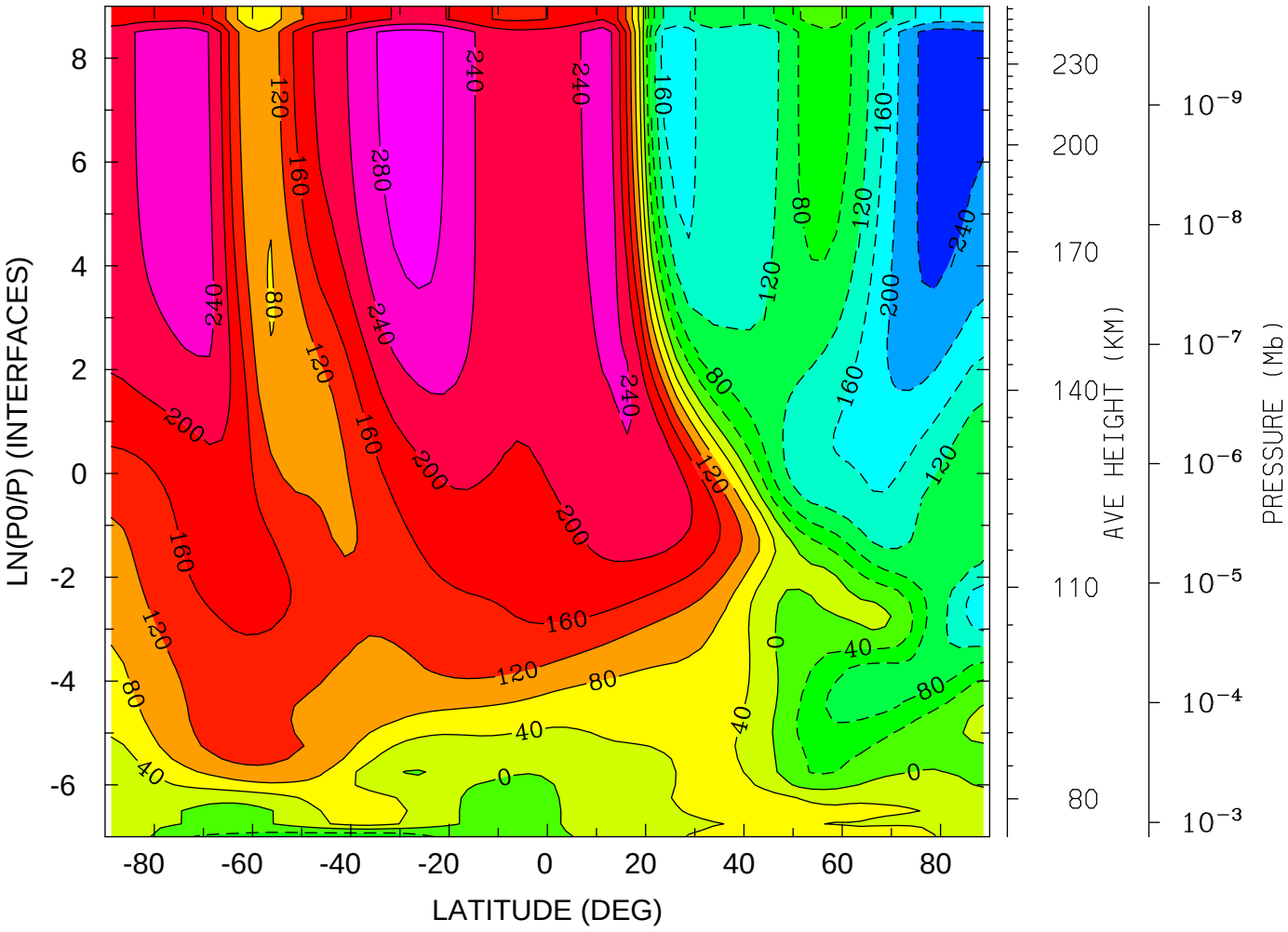
MIN,MAX= -2.4354E+02 2.2924E+02 INTERVAL= 2.5000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

NEUTRAL MERIDIONAL WIND (M/S)
YEAR 1999 UT= 0.00 ZONAL MEANS



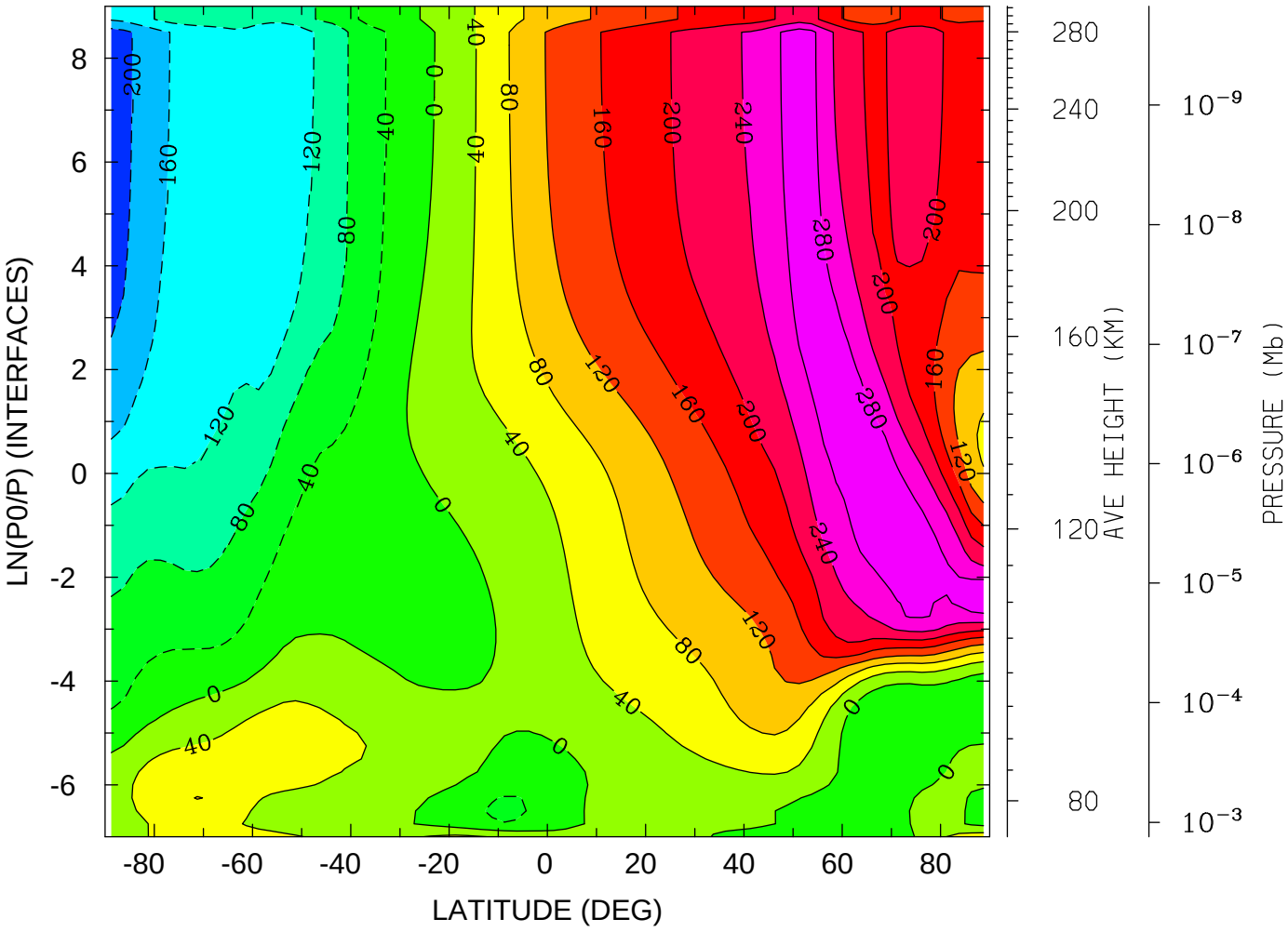
MIN,MAX= -3.3571E+01 1.4305E+02 INTERVAL= 1.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

NEUTRAL MERIDIONAL WIND (M/S)
YEAR 1999 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)

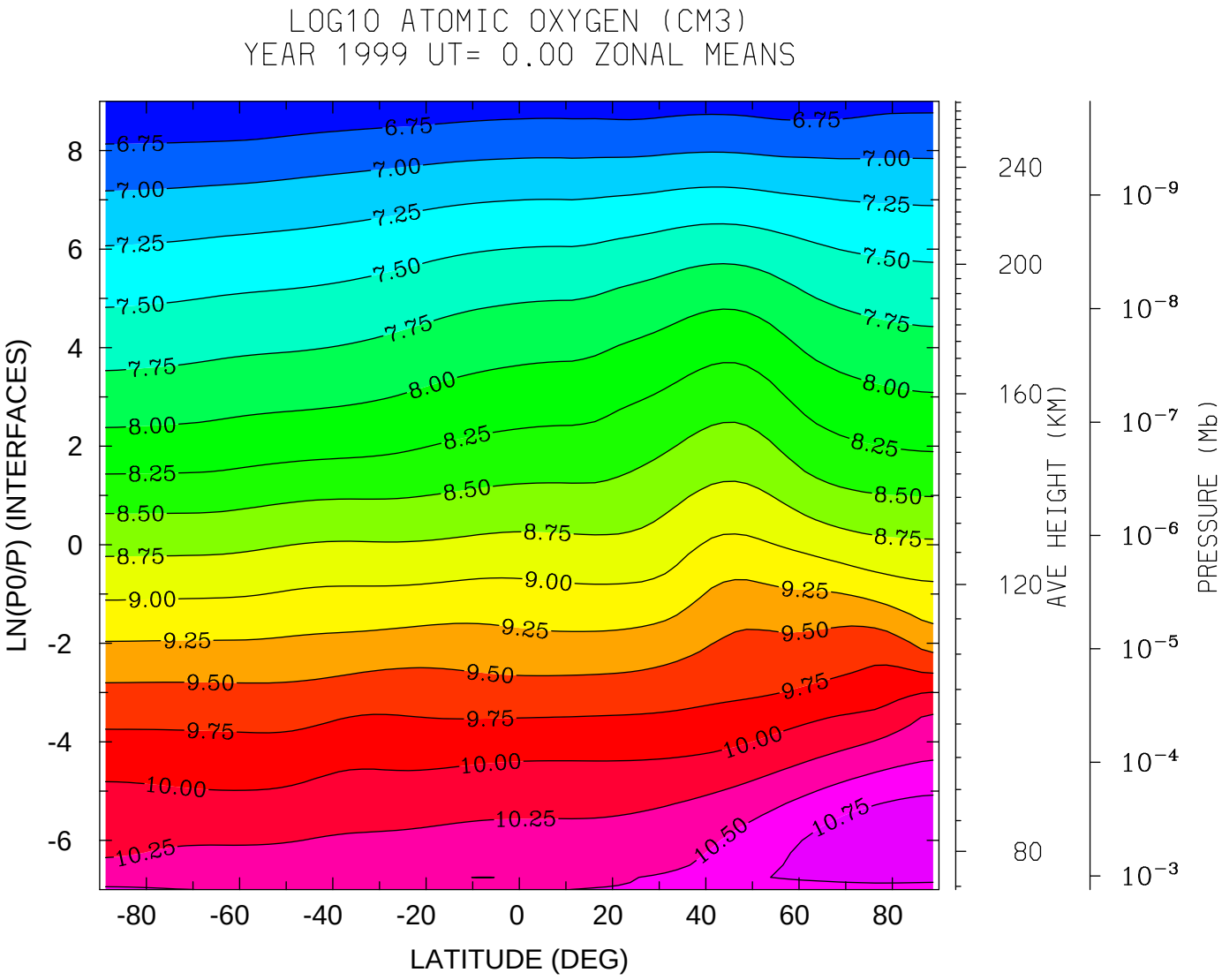


MIN,MAX= -2.5883E+02 2.9656E+02 INTERVAL= 4.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

NEUTRAL MERIDIONAL WIND (M/S)
YEAR 1999 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



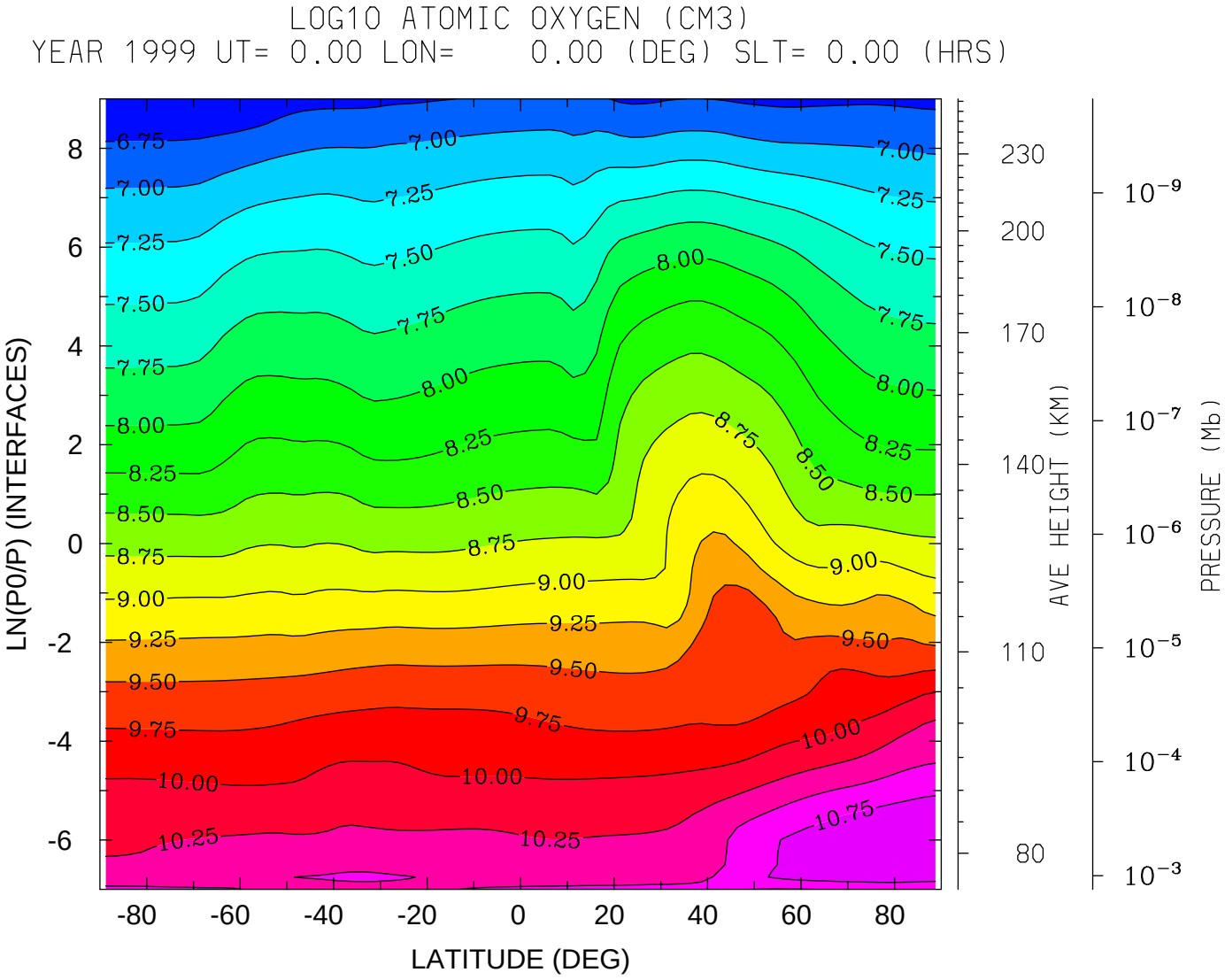
MIN,MAX= -2.1682E+02 3.1632E+02 INTERVAL= 4.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 6.5259E+00 1.0958E+01 INTERVAL= 2.5000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

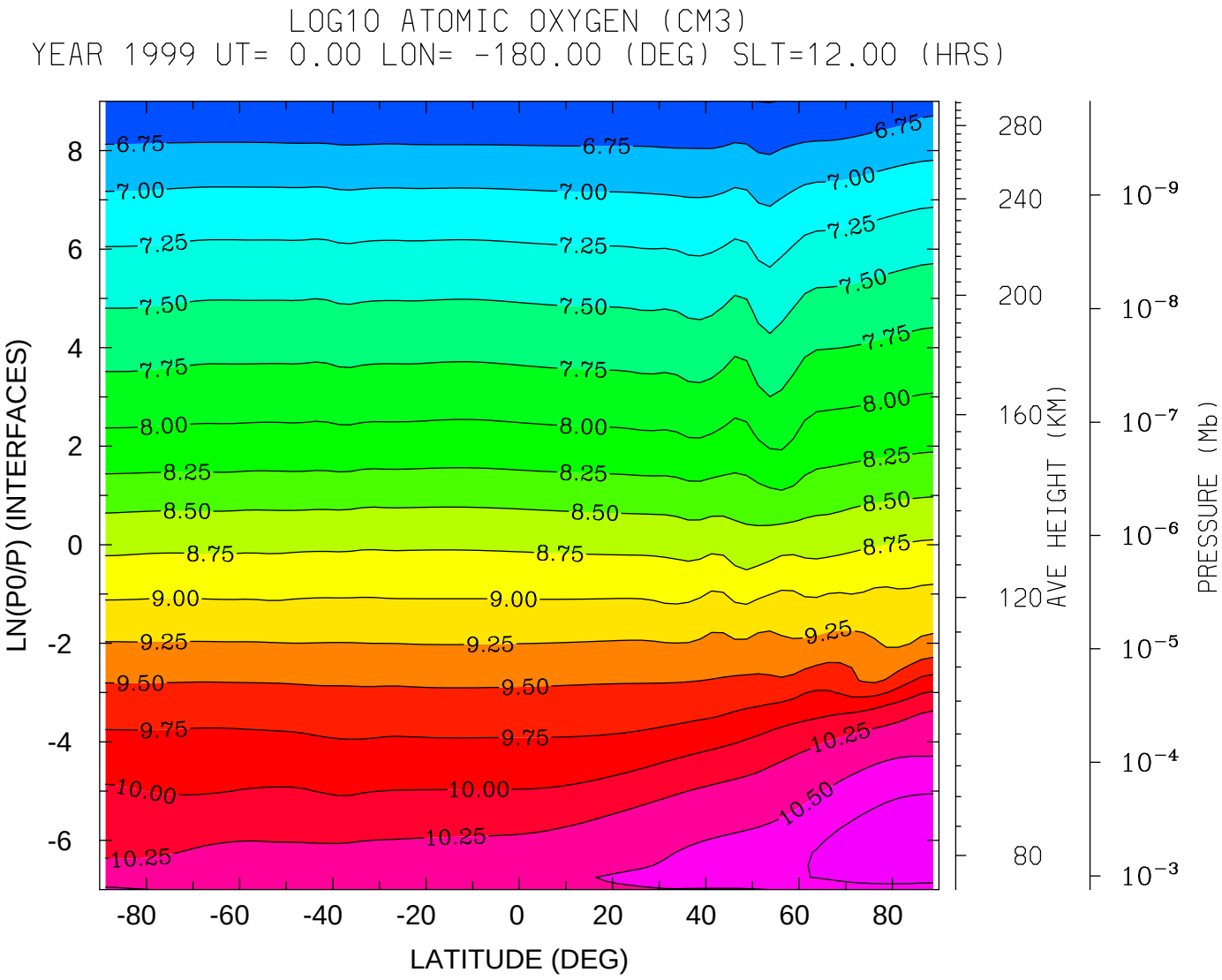
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 6.5256E+00 1.0962E+01 INTERVAL= 2.5000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

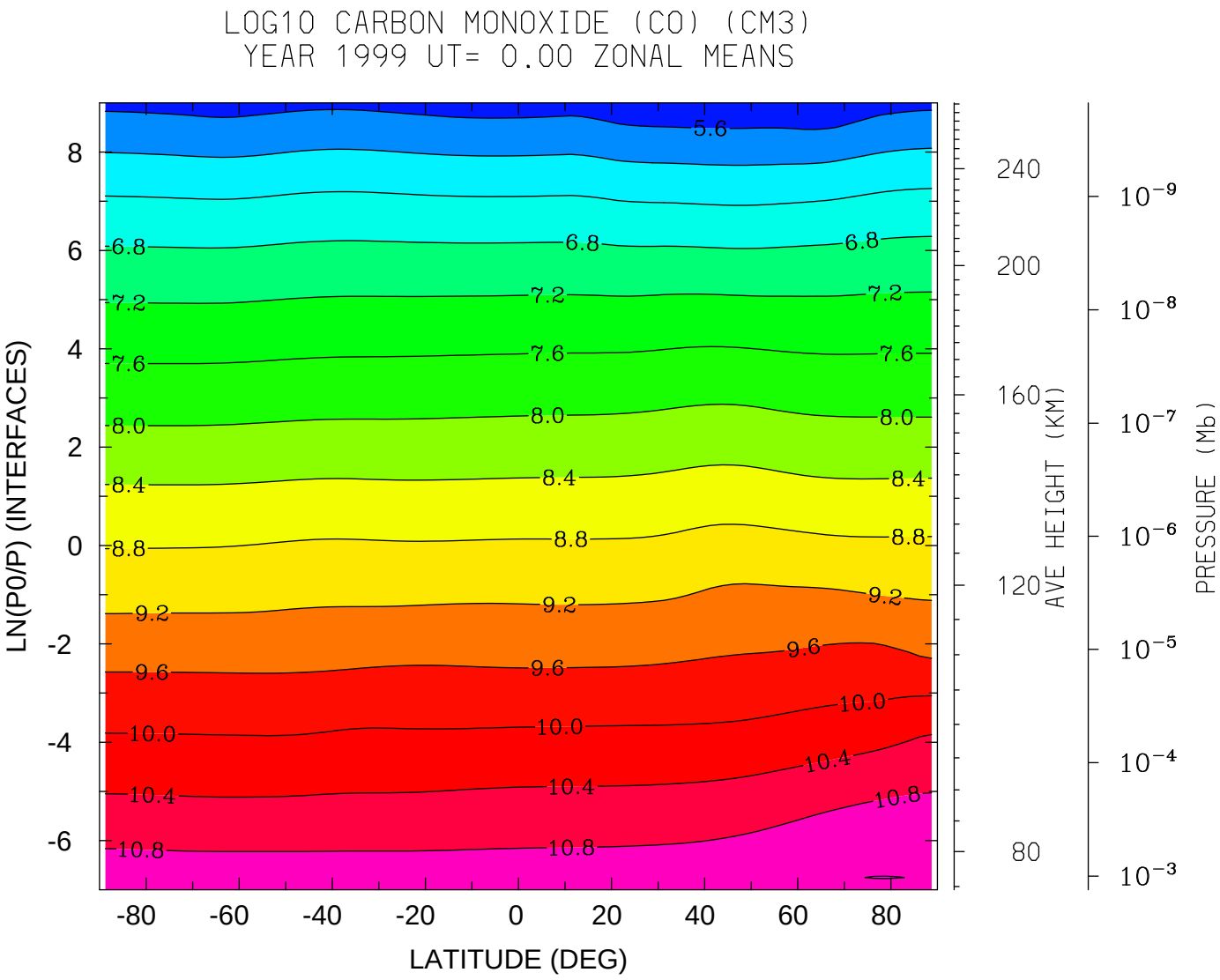
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 6.4906E+00 1.1003E+01 INTERVAL= 2.5000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

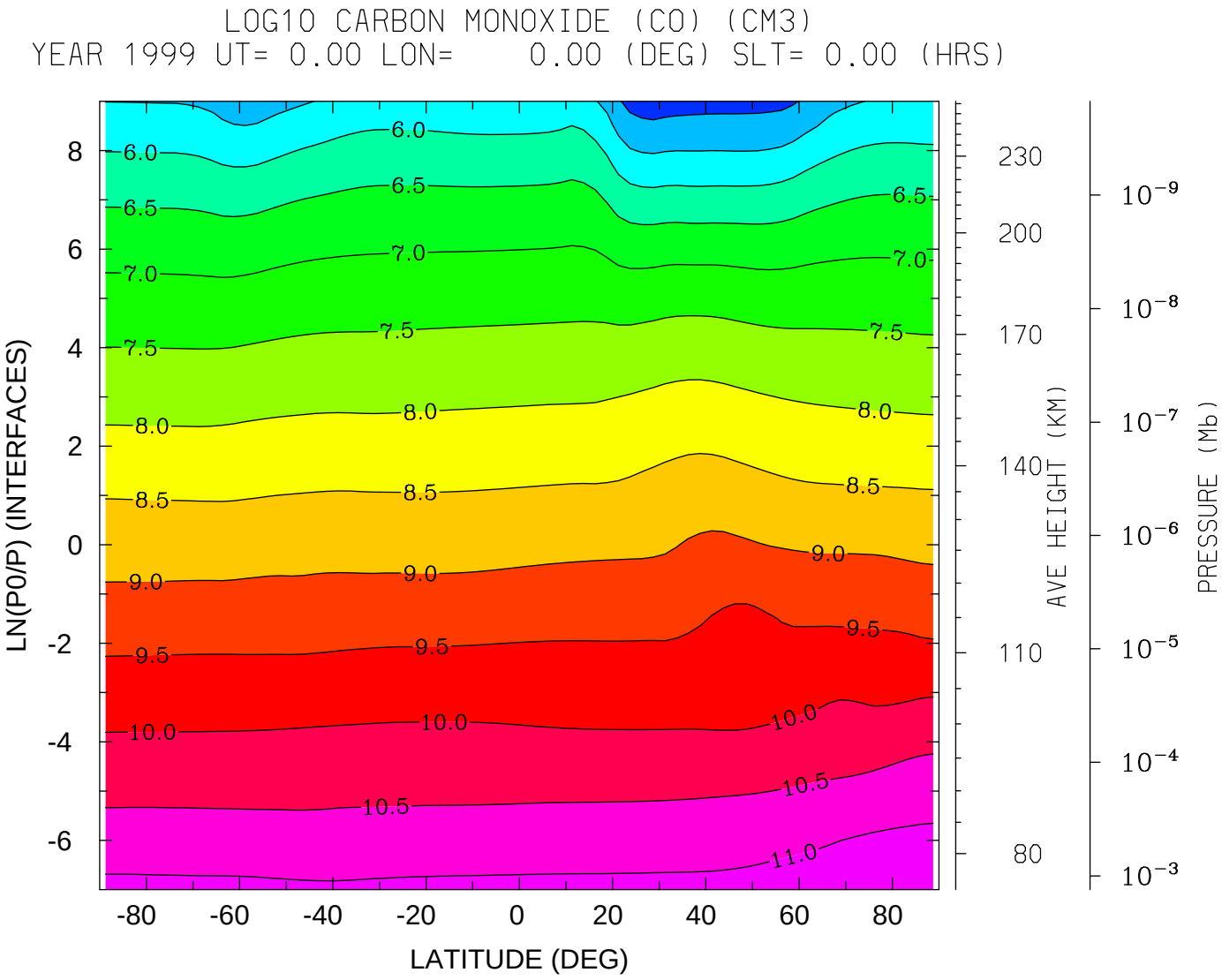
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 5.3065E+00 1.1207E+01 INTERVAL= 4.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

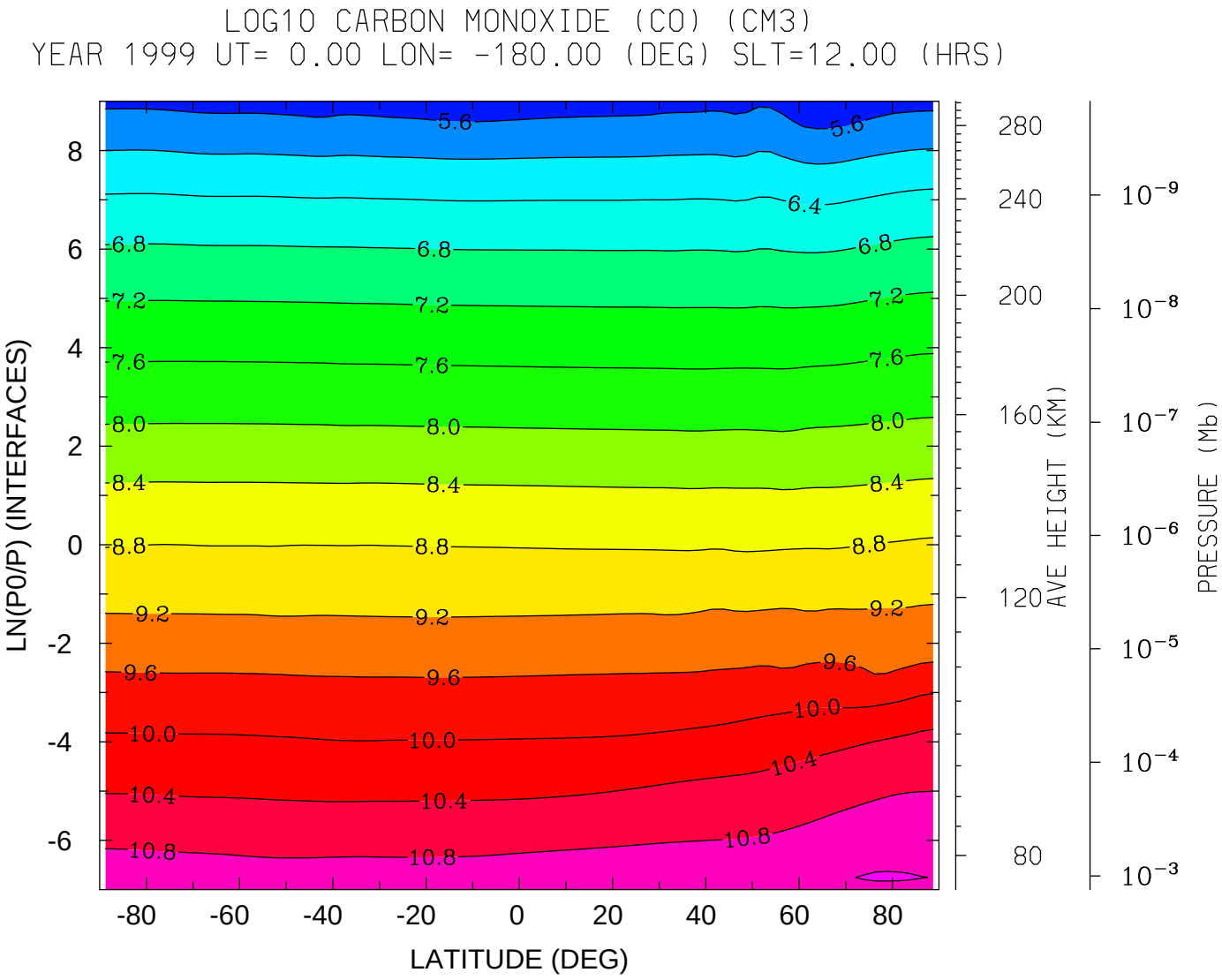
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 4.7295E+00 1.1196E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

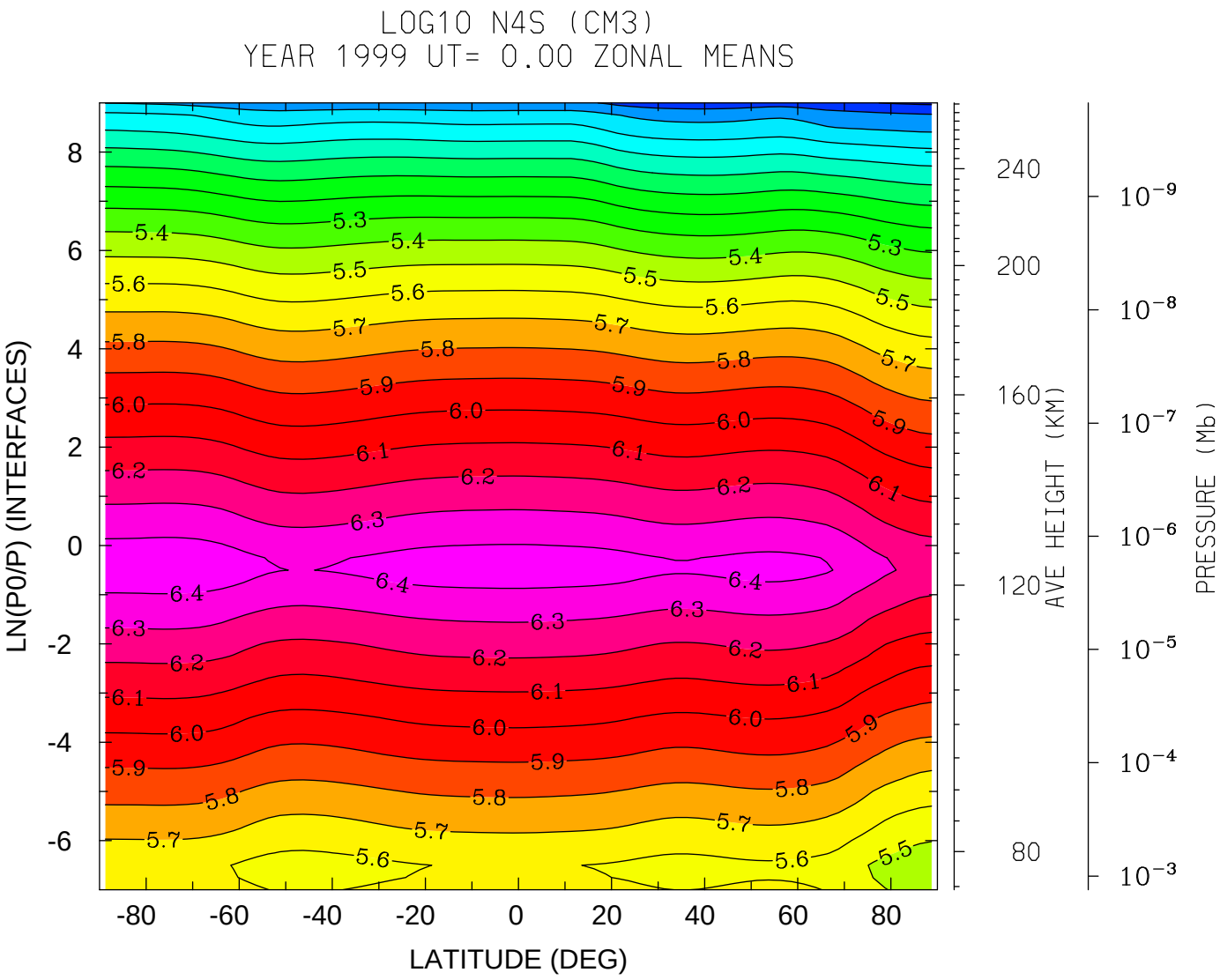
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 5.3186E+00 1.1235E+01 INTERVAL= 4.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

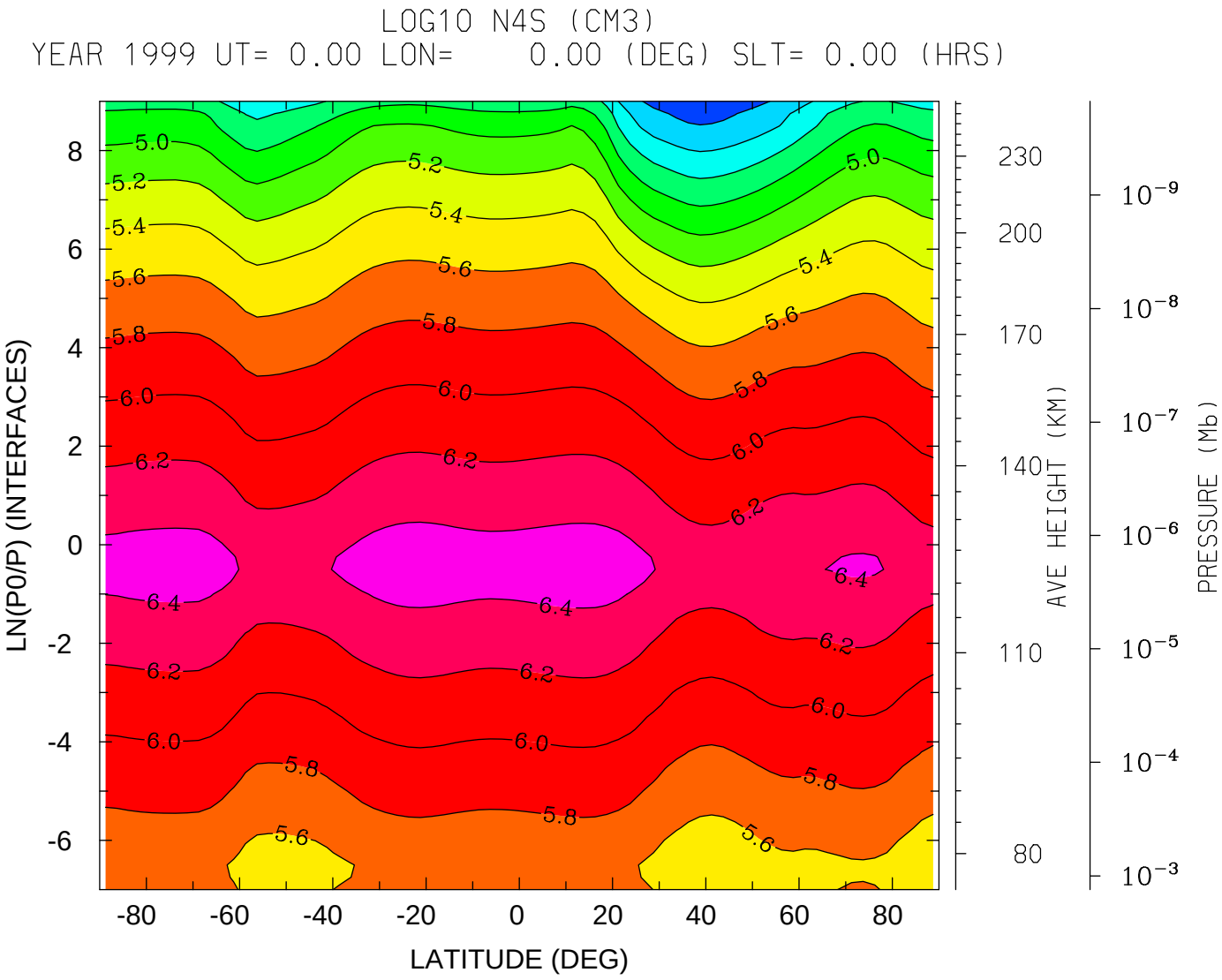
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 4.4817E+00 6.4690E+00 INTERVAL= 1.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

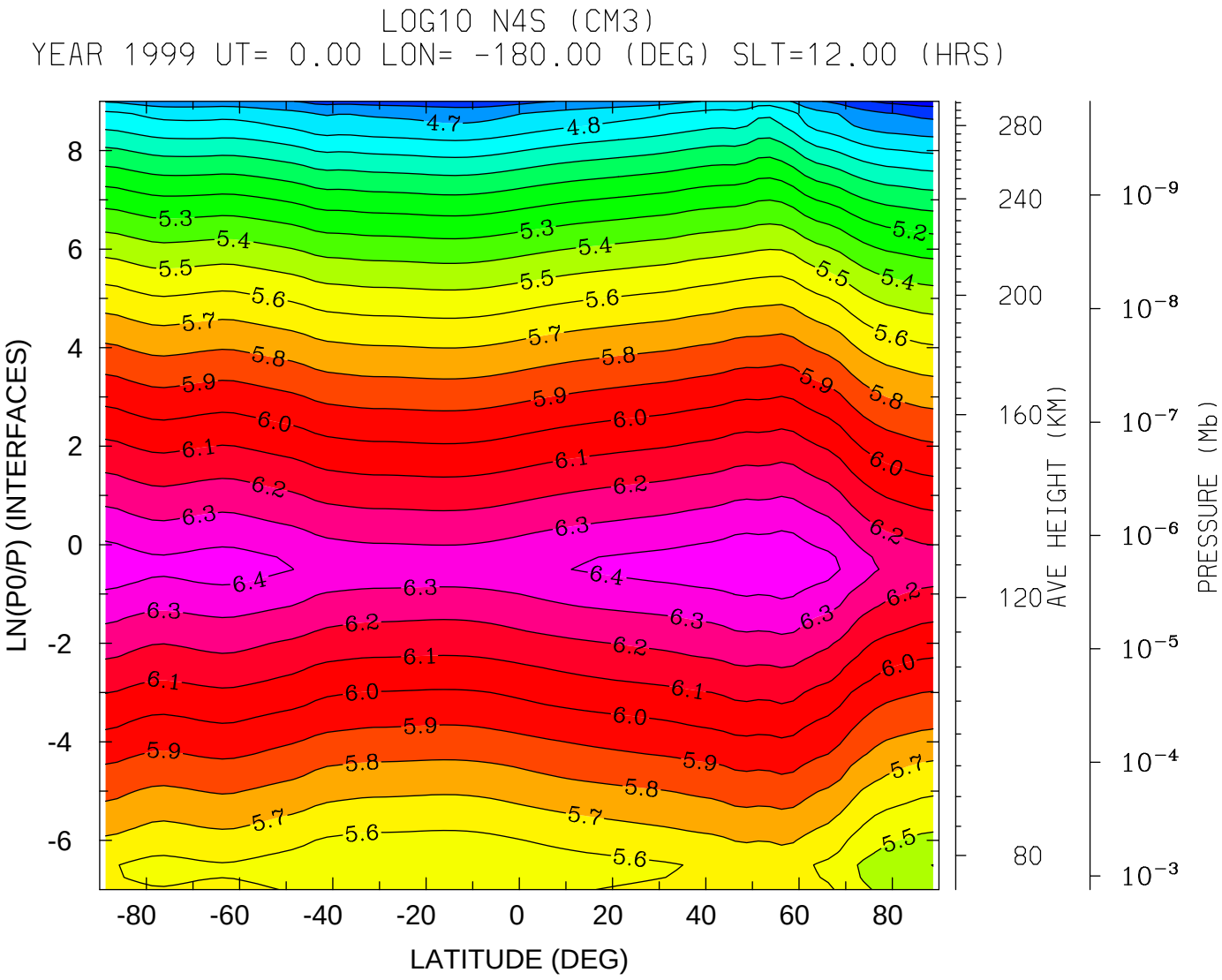
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 4.0210E+00 6.5080E+00 INTERVAL= 2.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

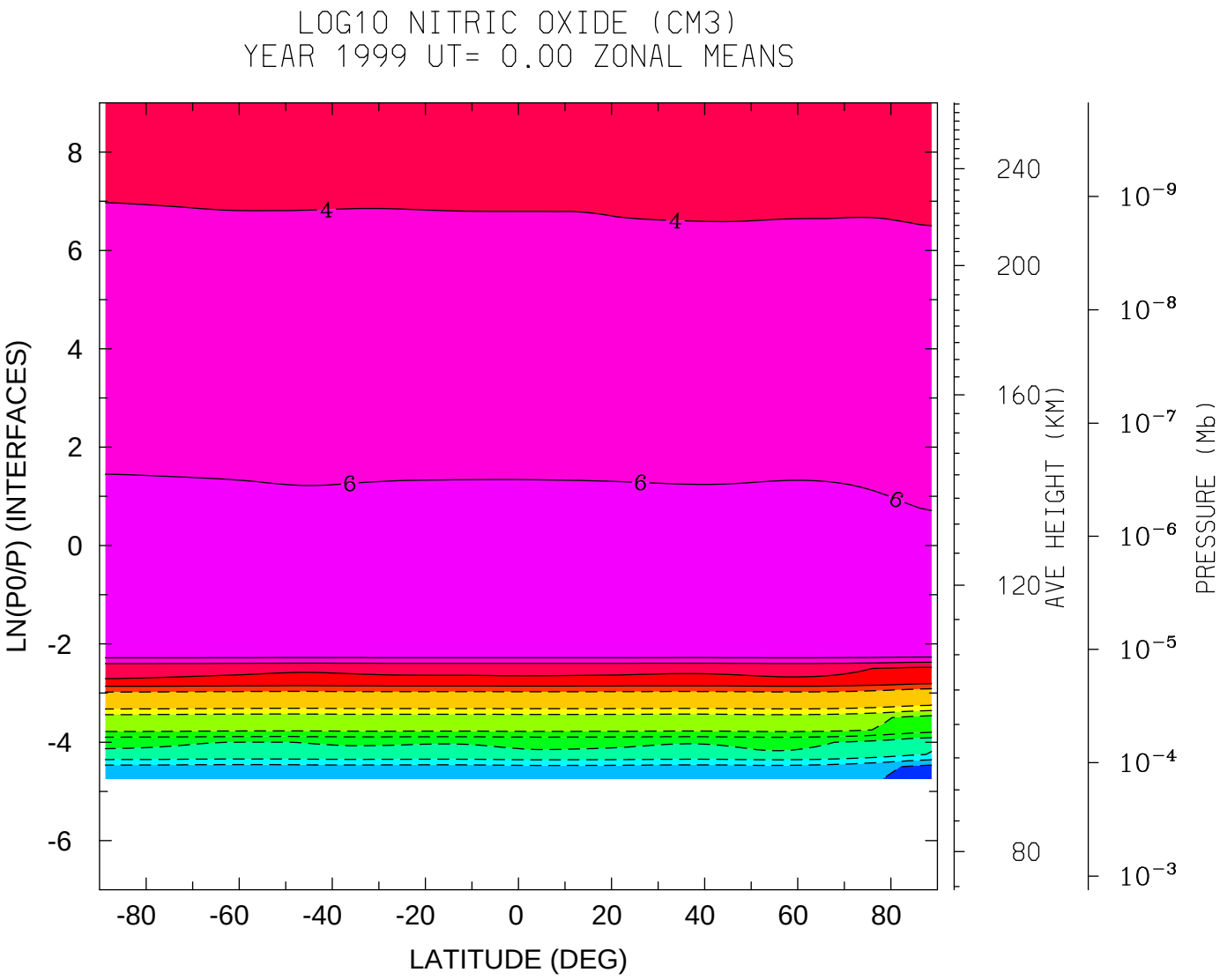
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 4.4461E+00 6.4840E+00 INTERVAL= 1.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

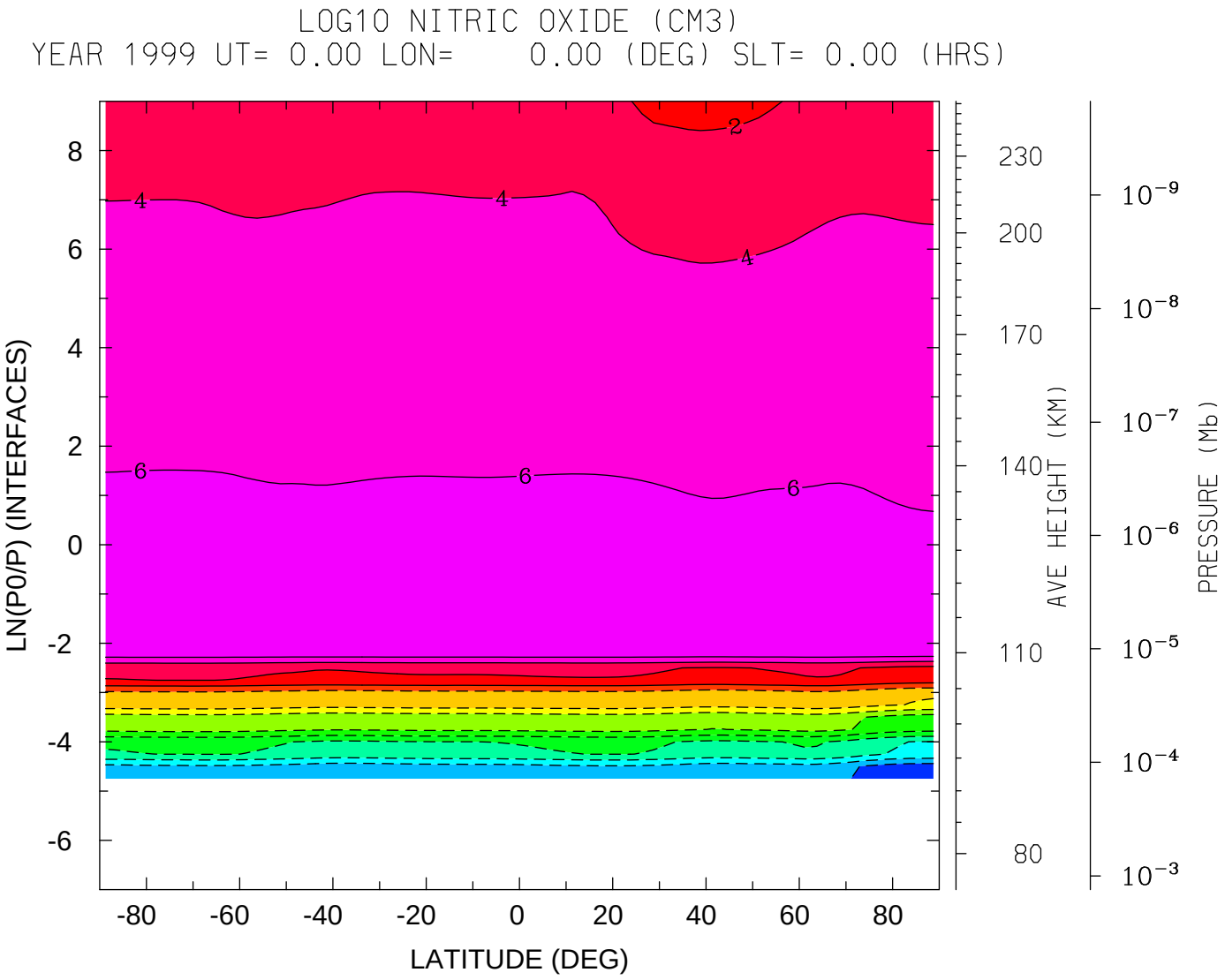
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= -1.9005E+01 6.9705E+00 INTERVAL= 2.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

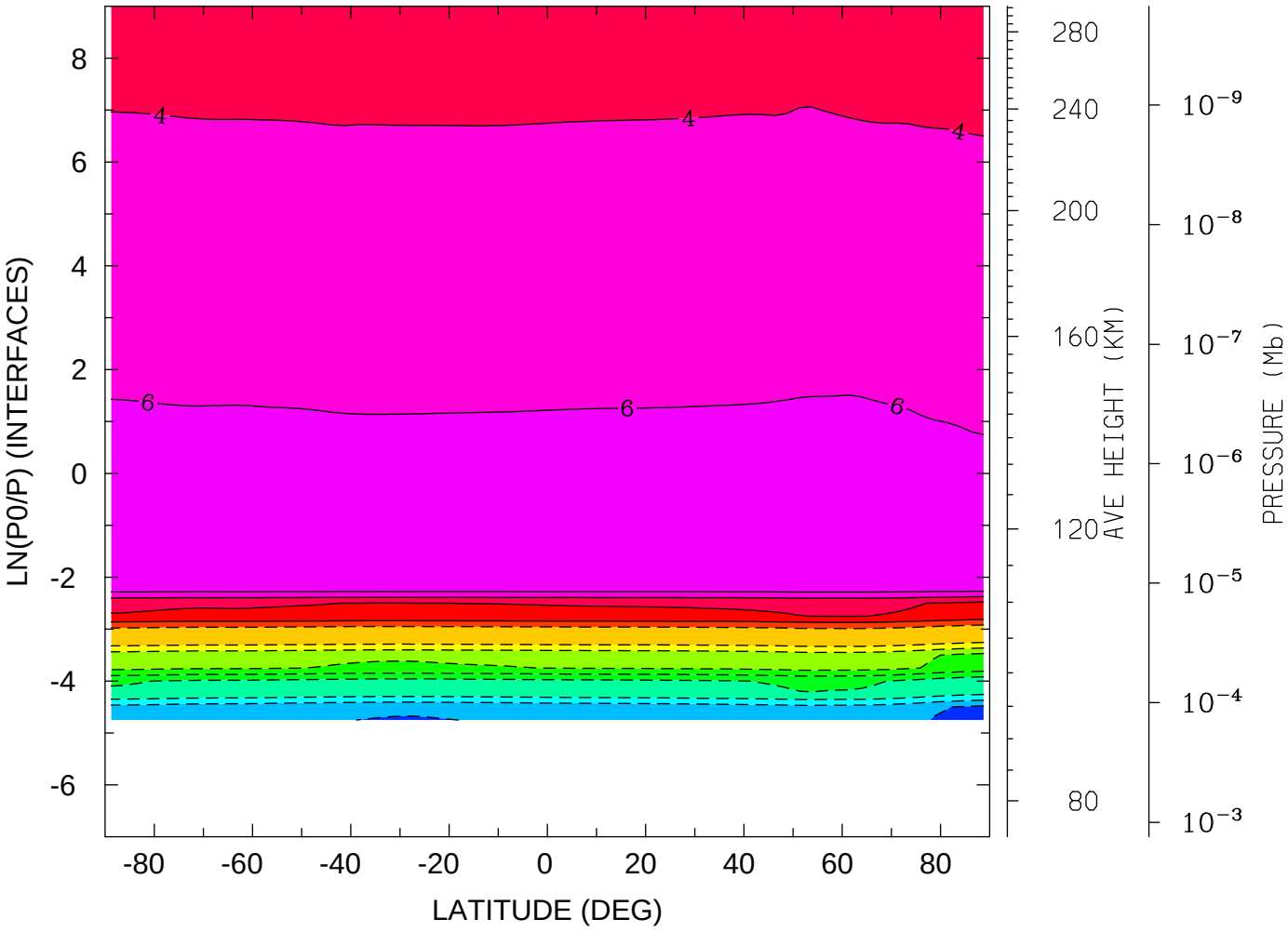


MIN,MAX= -1.9461E+01 6.9895E+00 INTERVAL= 2.0000E+00

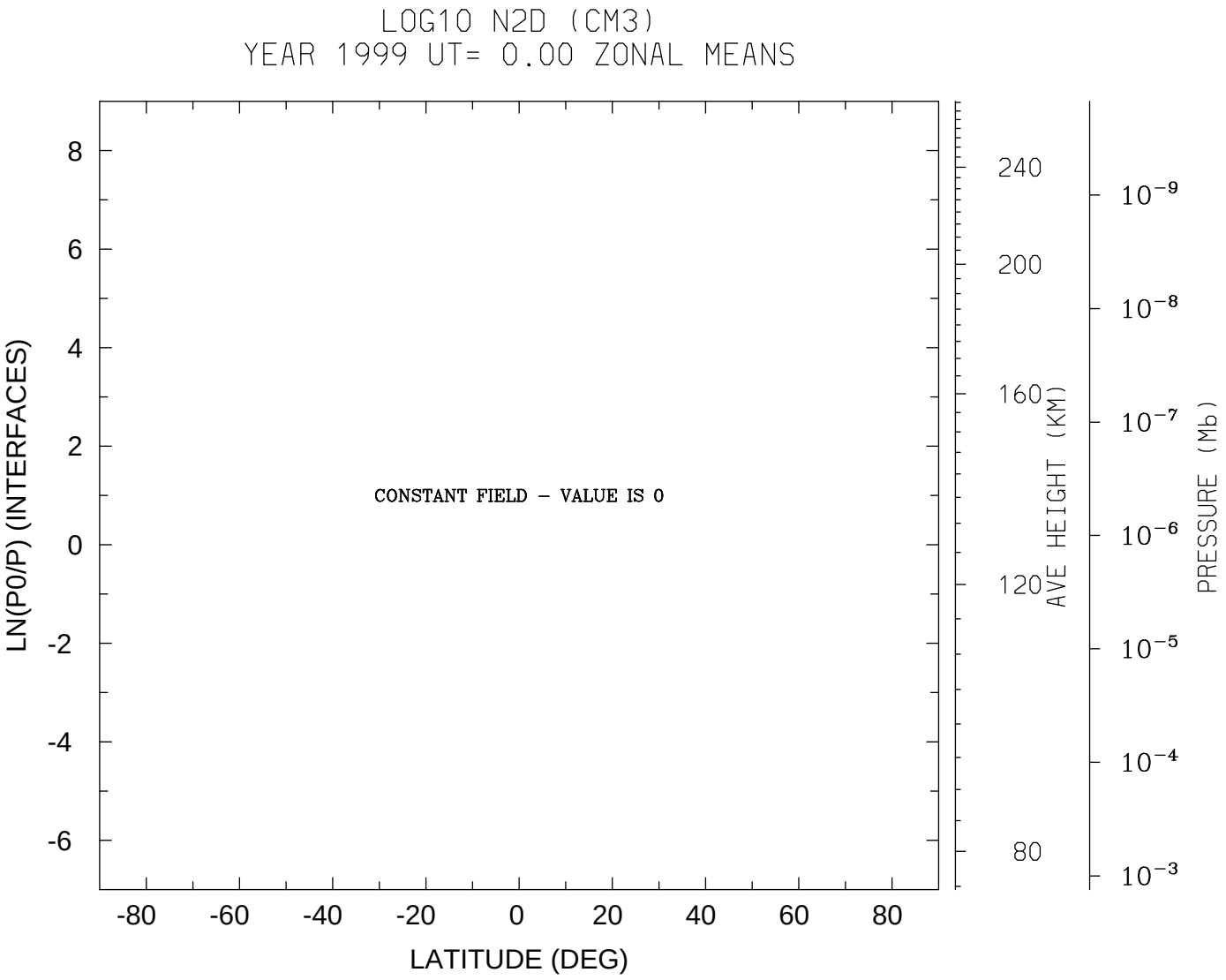
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

LOG10 NITRIC OXIDE (CM3)
YEAR 1999 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



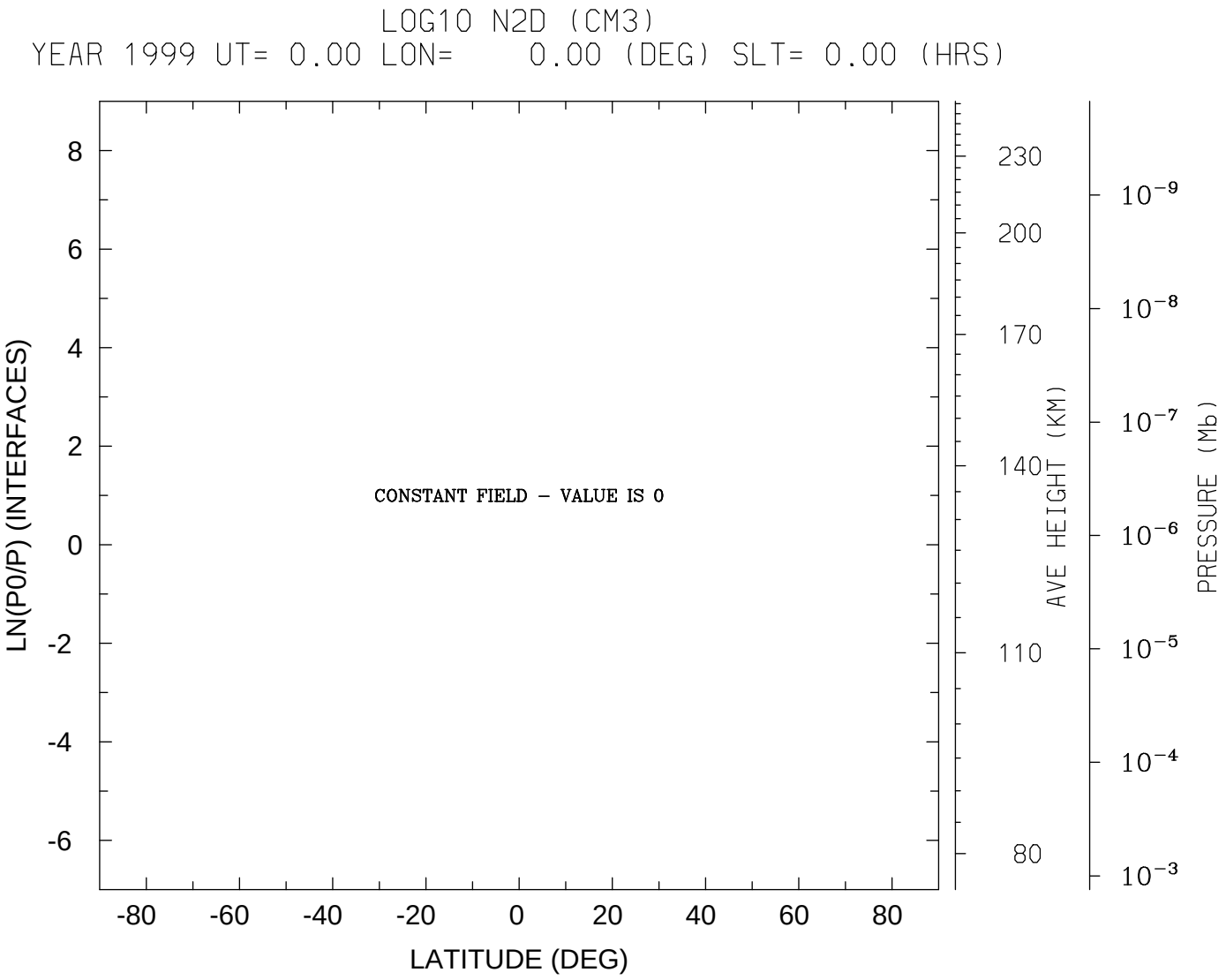
MIN,MAX= -1.8752E+01 6.9835E+00 INTERVAL= 2.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 0.0000E+00 0.0000E+00 INTERVAL= 0.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

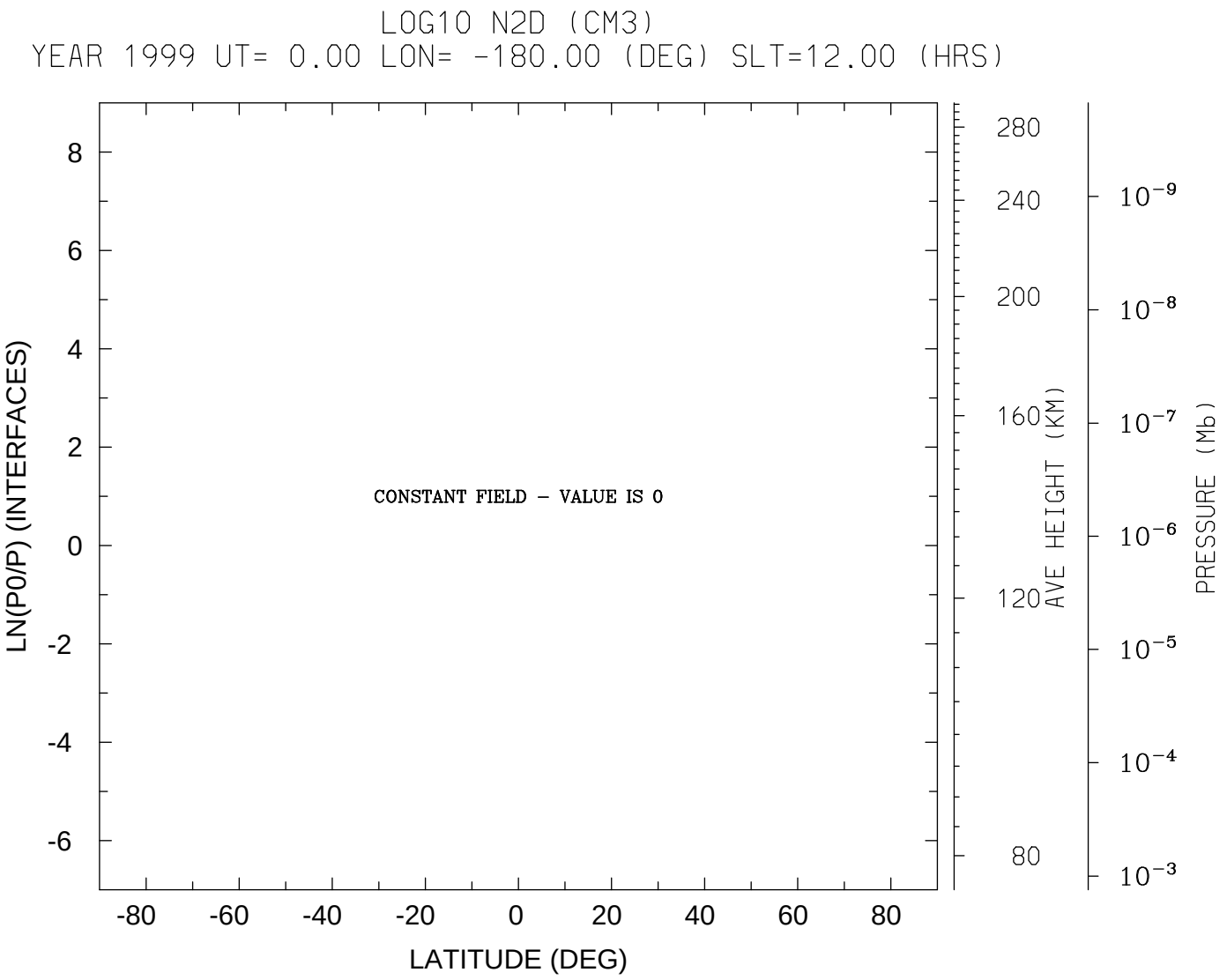
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 0.0000E+00 0.0000E+00 INTERVAL= 0.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

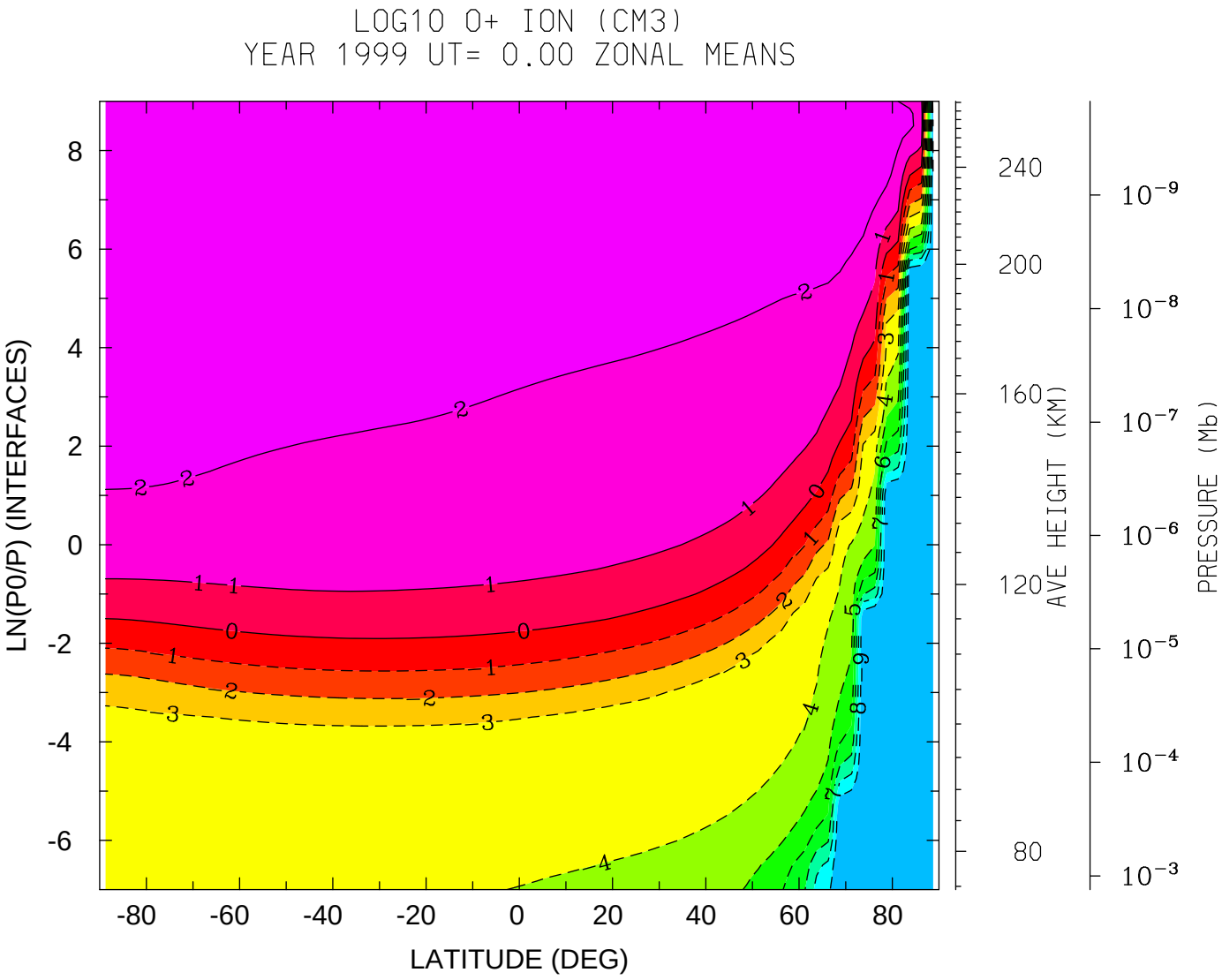
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 0.0000E+00 0.0000E+00 INTERVAL= 0.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

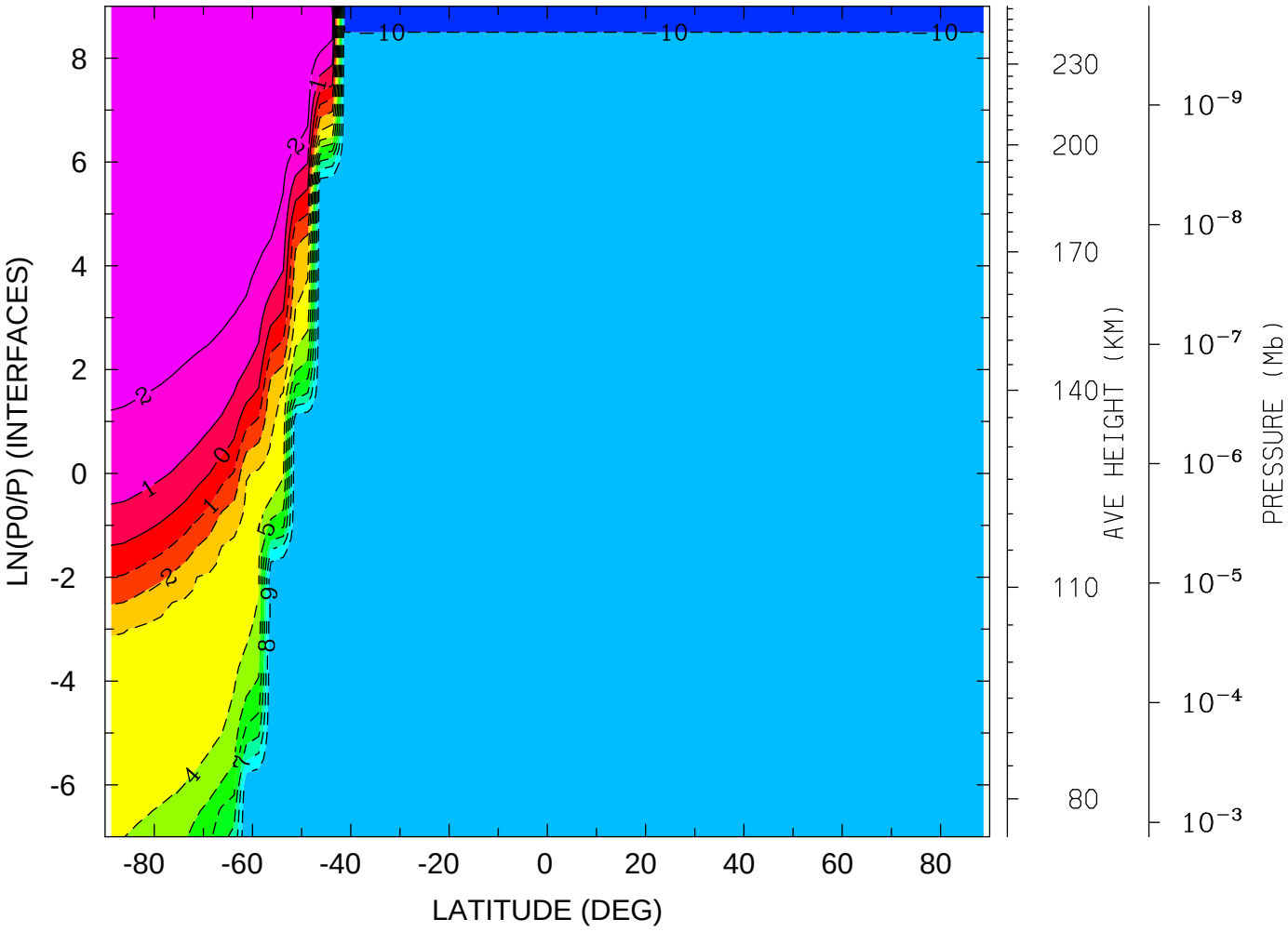


MIN,MAX= -1.0451E+01 3.0000E+00 INTERVAL= 1.0000E+00

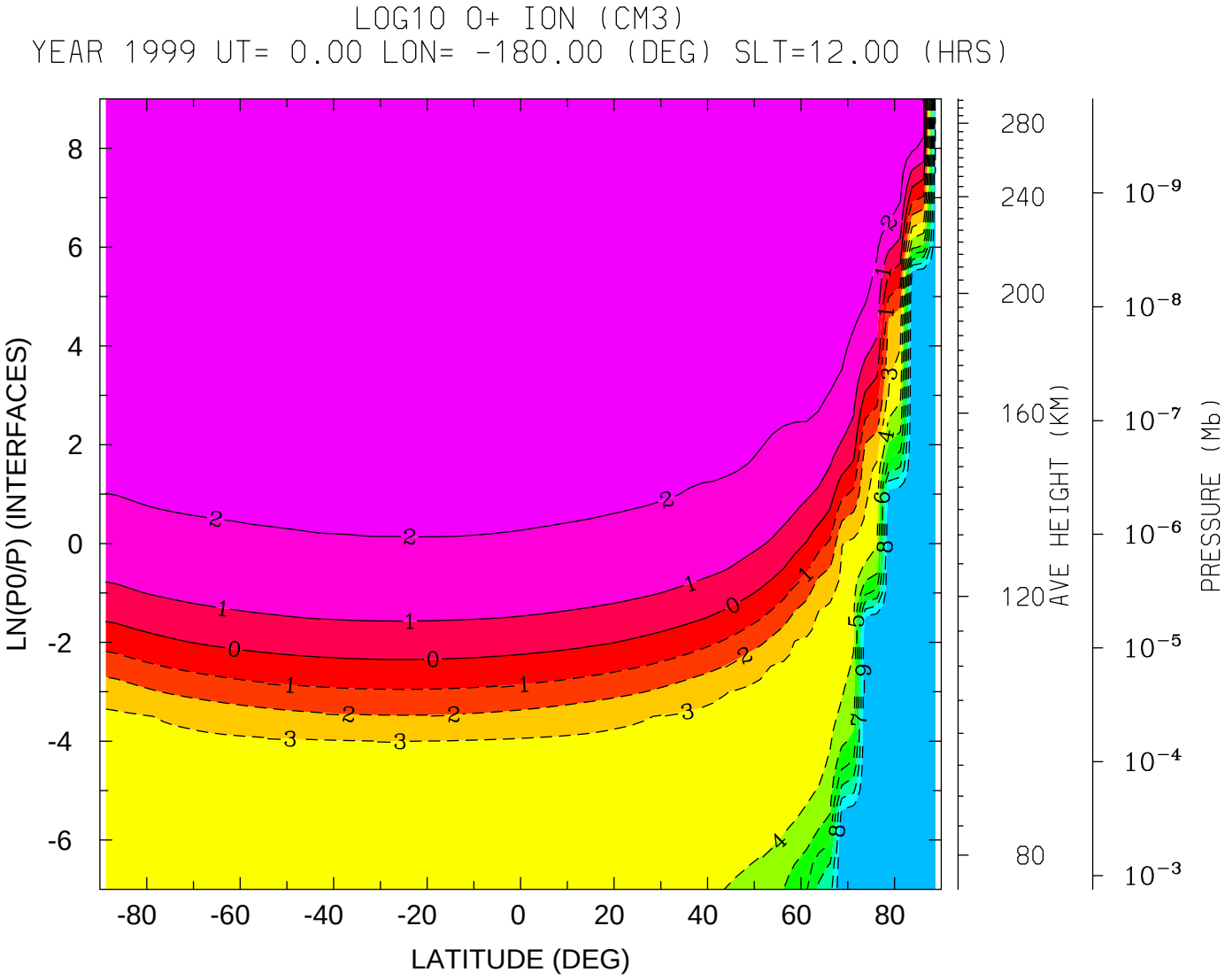
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

LOG10 O+ ION (CM3)
YEAR 1999 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



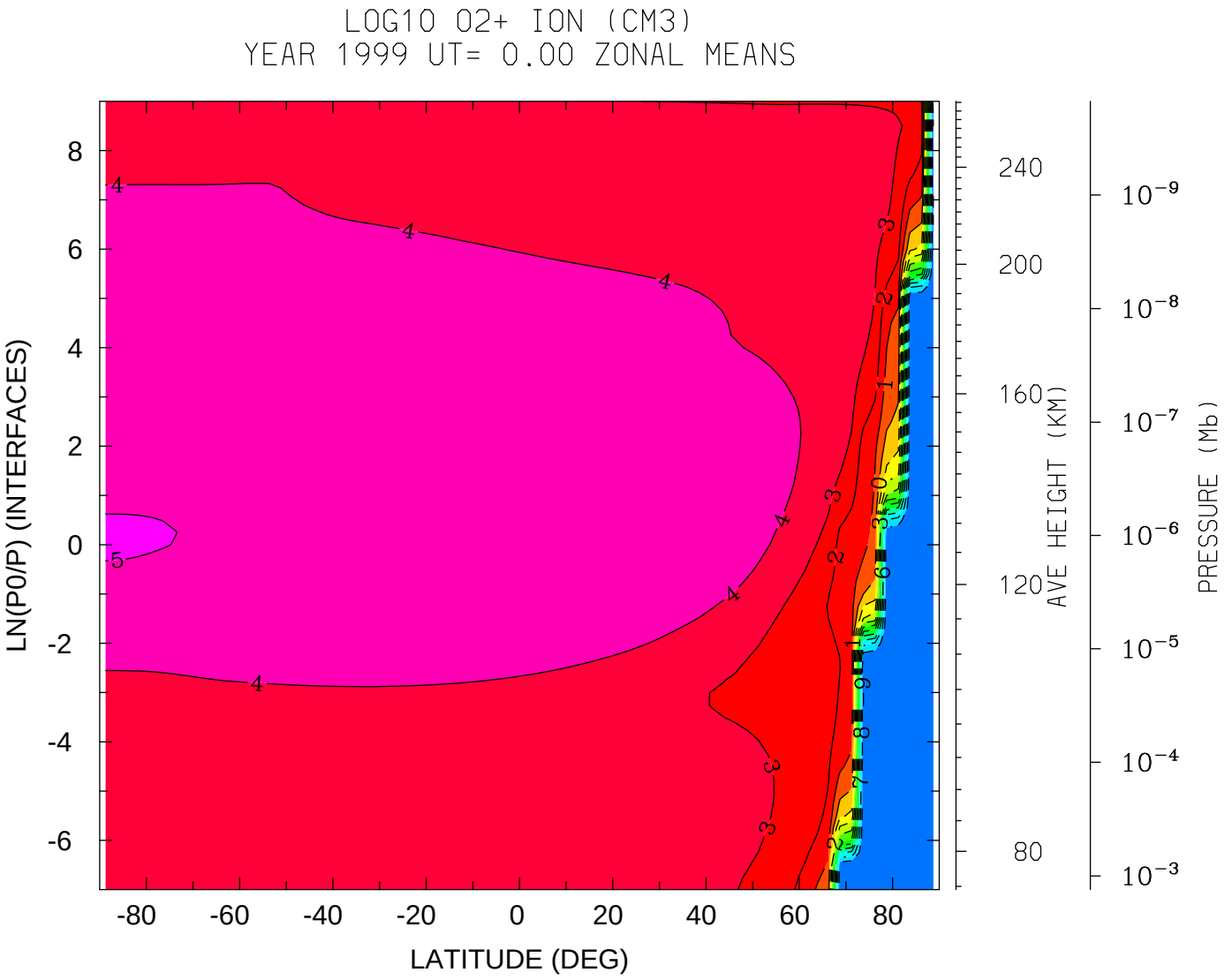
MIN,MAX= -1.0452E+01 3.0000E+00 INTERVAL= 1.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= -1.0451E+01 3.0000E+00 INTERVAL= 1.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

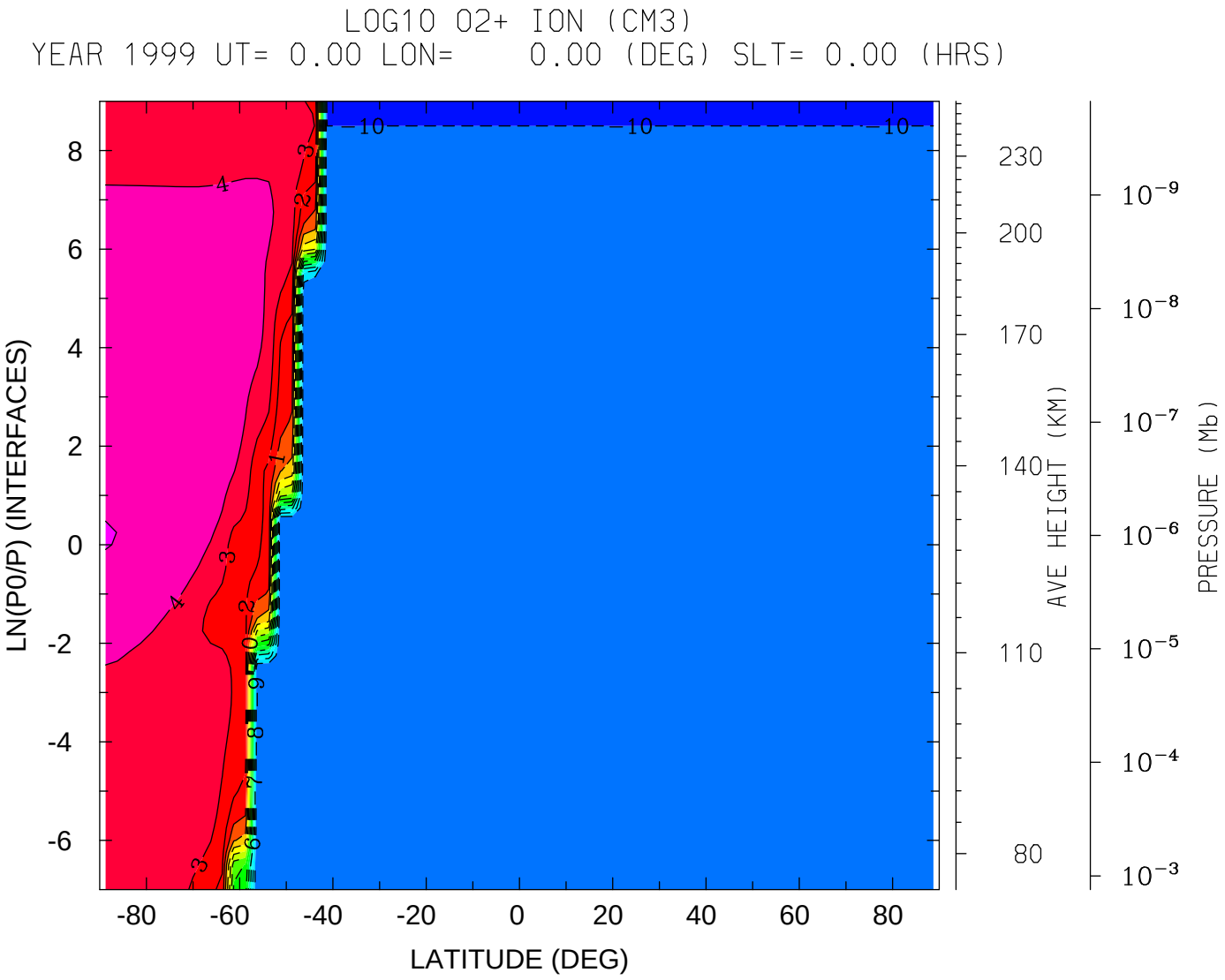
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



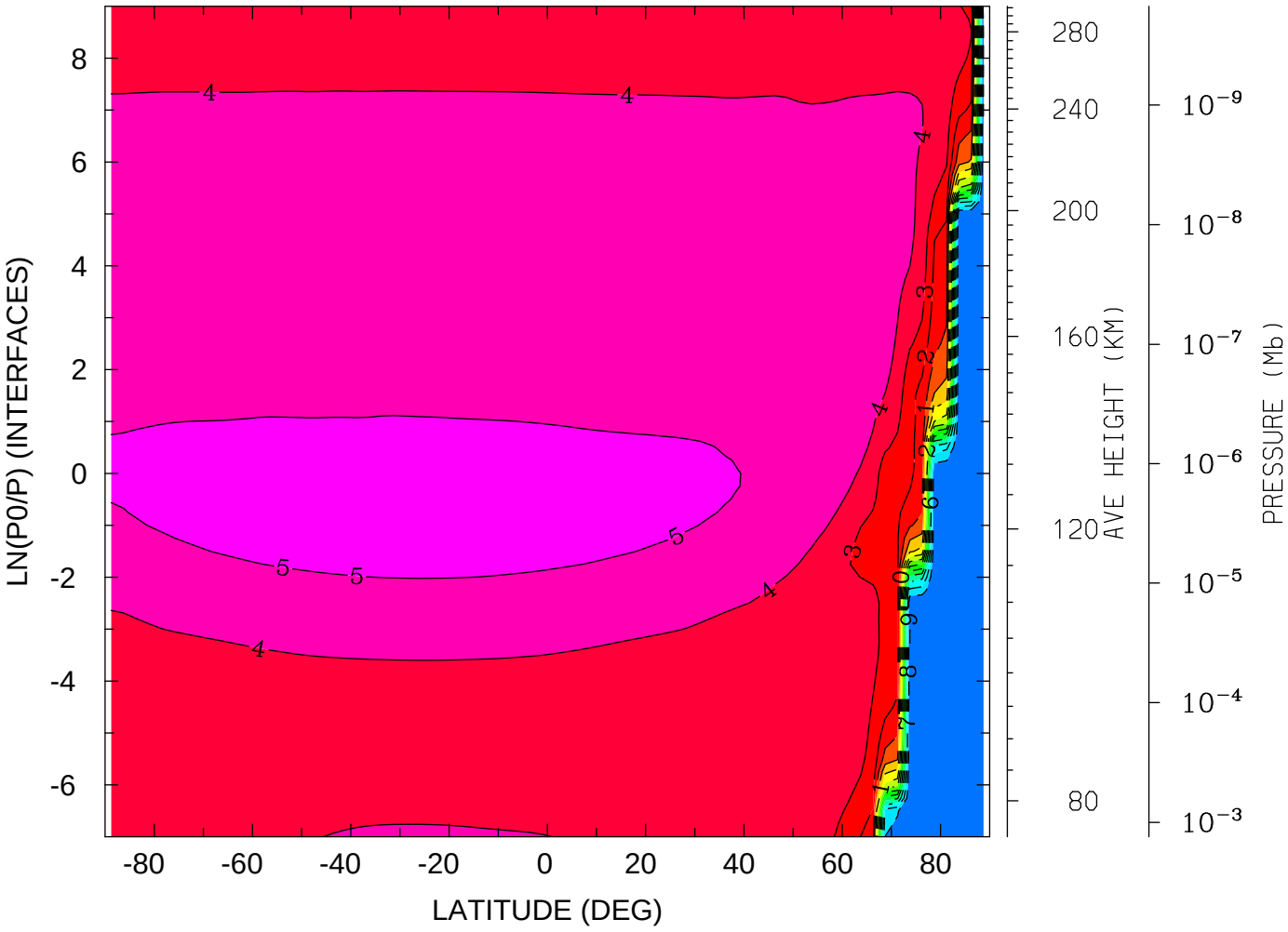
MIN,MAX= -1.0451E+01 5.0361E+00 INTERVAL= 1.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

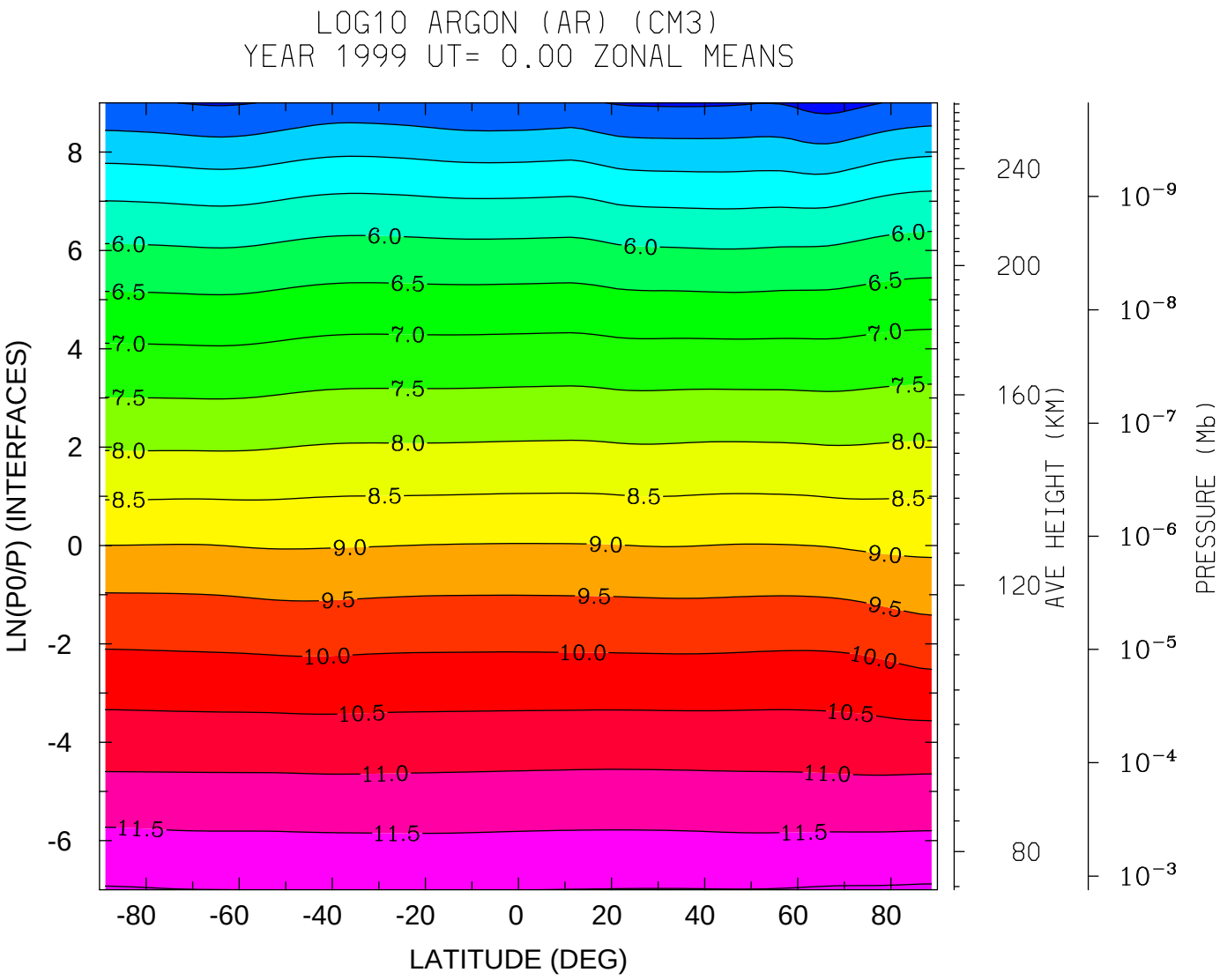
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


LOG10 O2+ ION (CM3)
YEAR 1999 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (INTERFACES)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.0452E+01 5.0178E+00 INTERVAL= 1.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

LOG10 O2+ ION (CM3)
YEAR 1999 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= -1.0452E+01 5.2172E+00 INTERVAL= 1.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

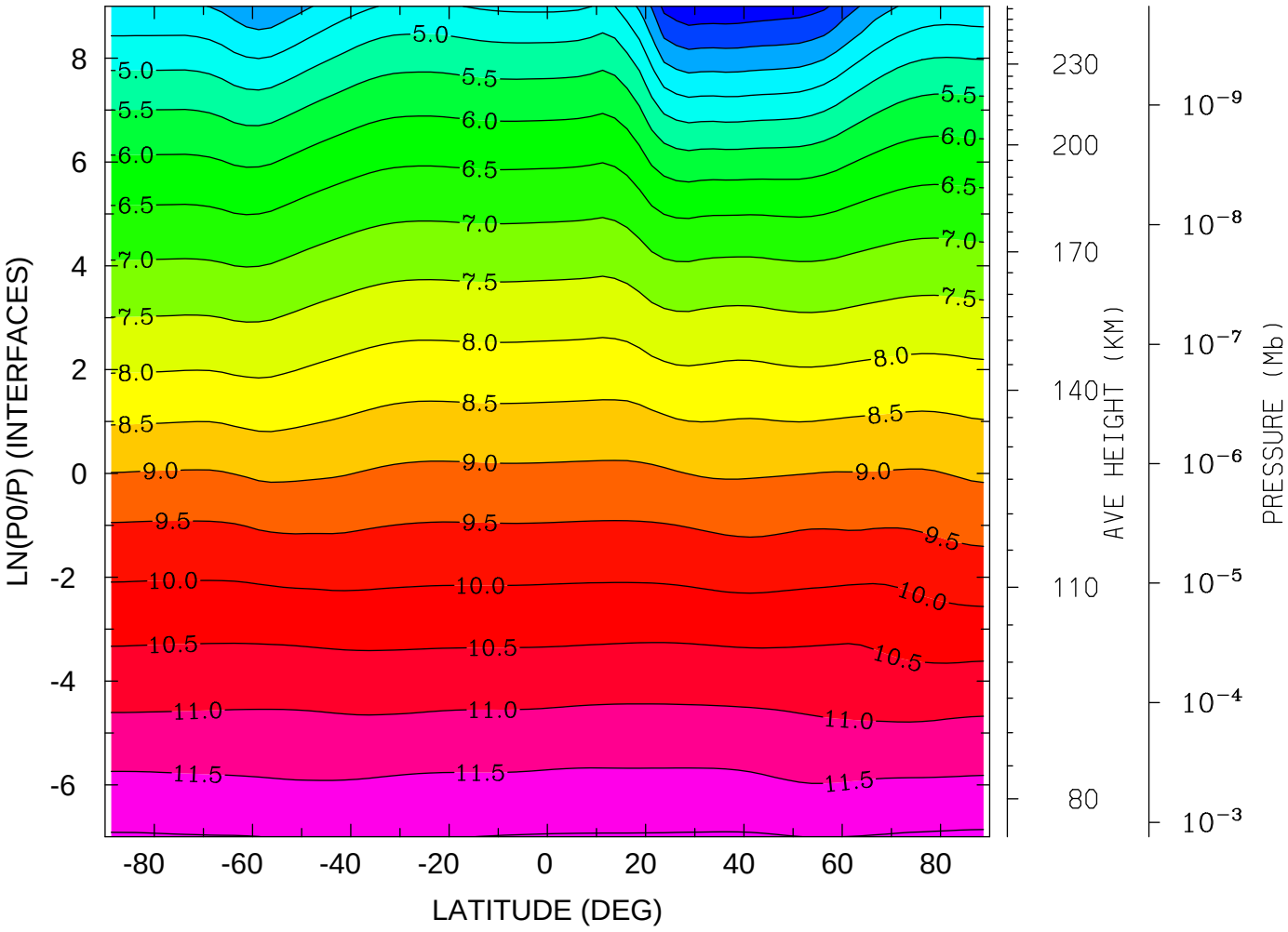


MIN,MAX= 3.7871E+00 1.2052E+01 INTERVAL= 5.0000E-01

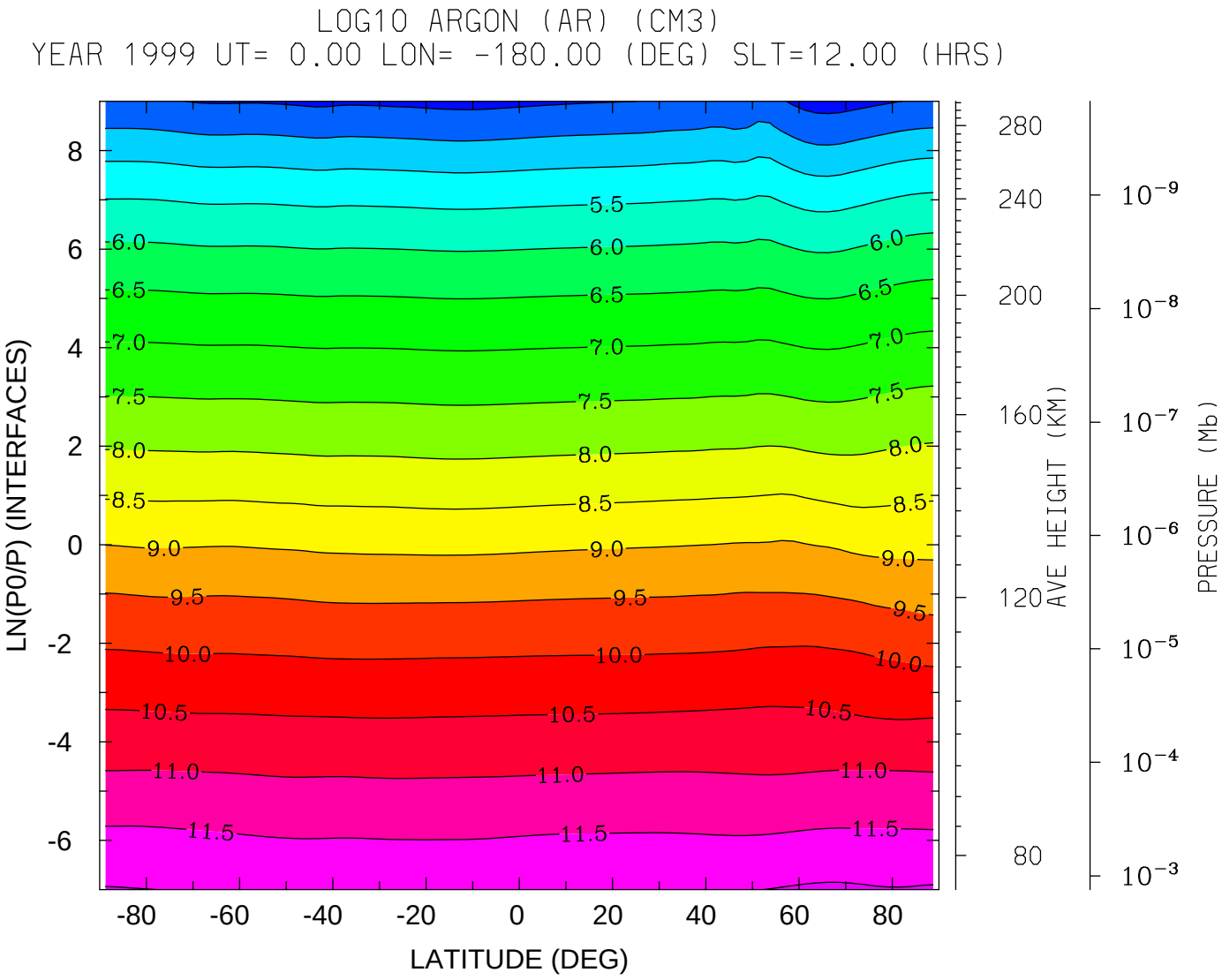
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

LOG10 ARGON (AR) (CM3)
YEAR 1999 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



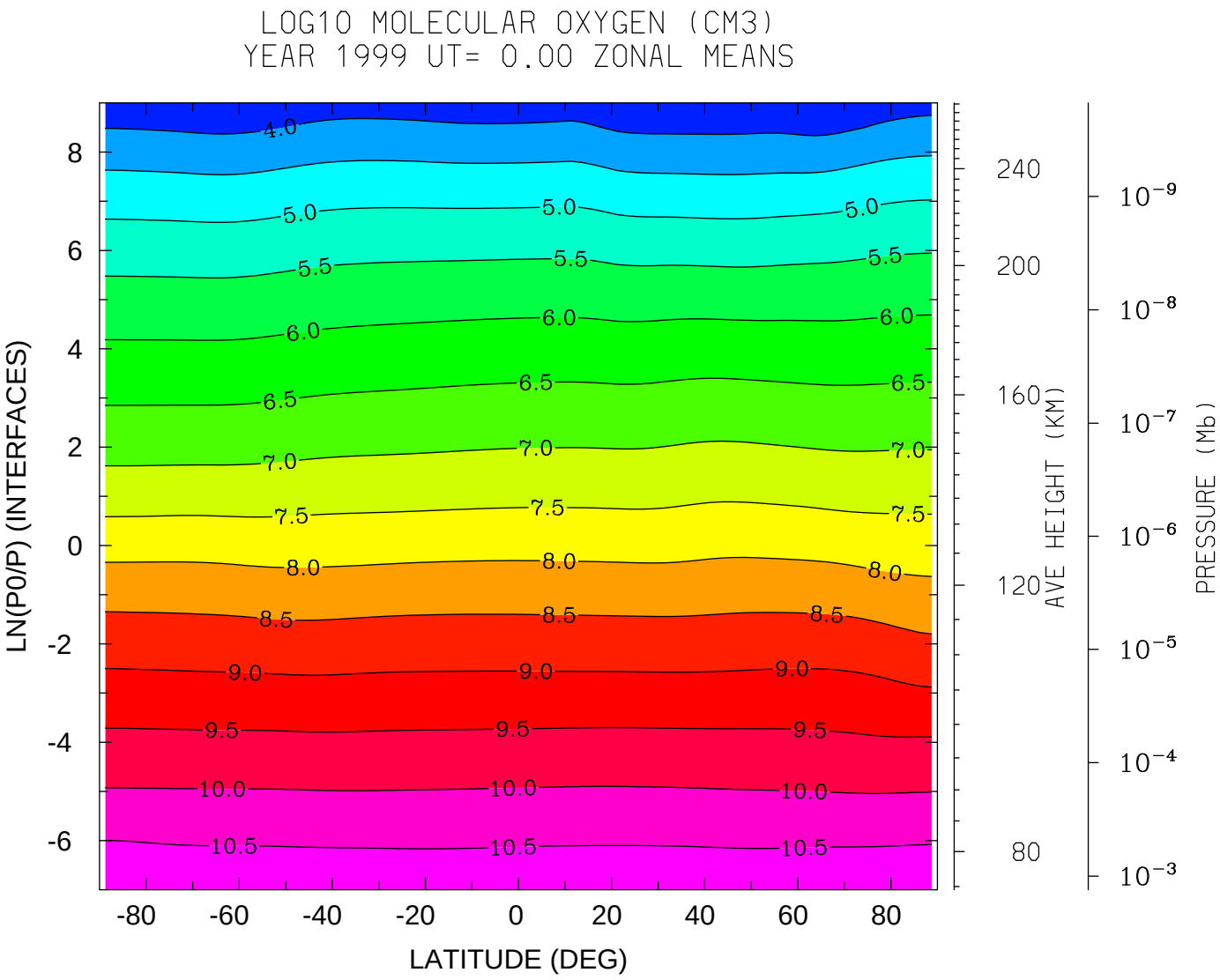
MIN,MAX= 2.6086E+00 1.2061E+01 INTERVAL= 5.0000E-01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 3.7645E+00 1.2066E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

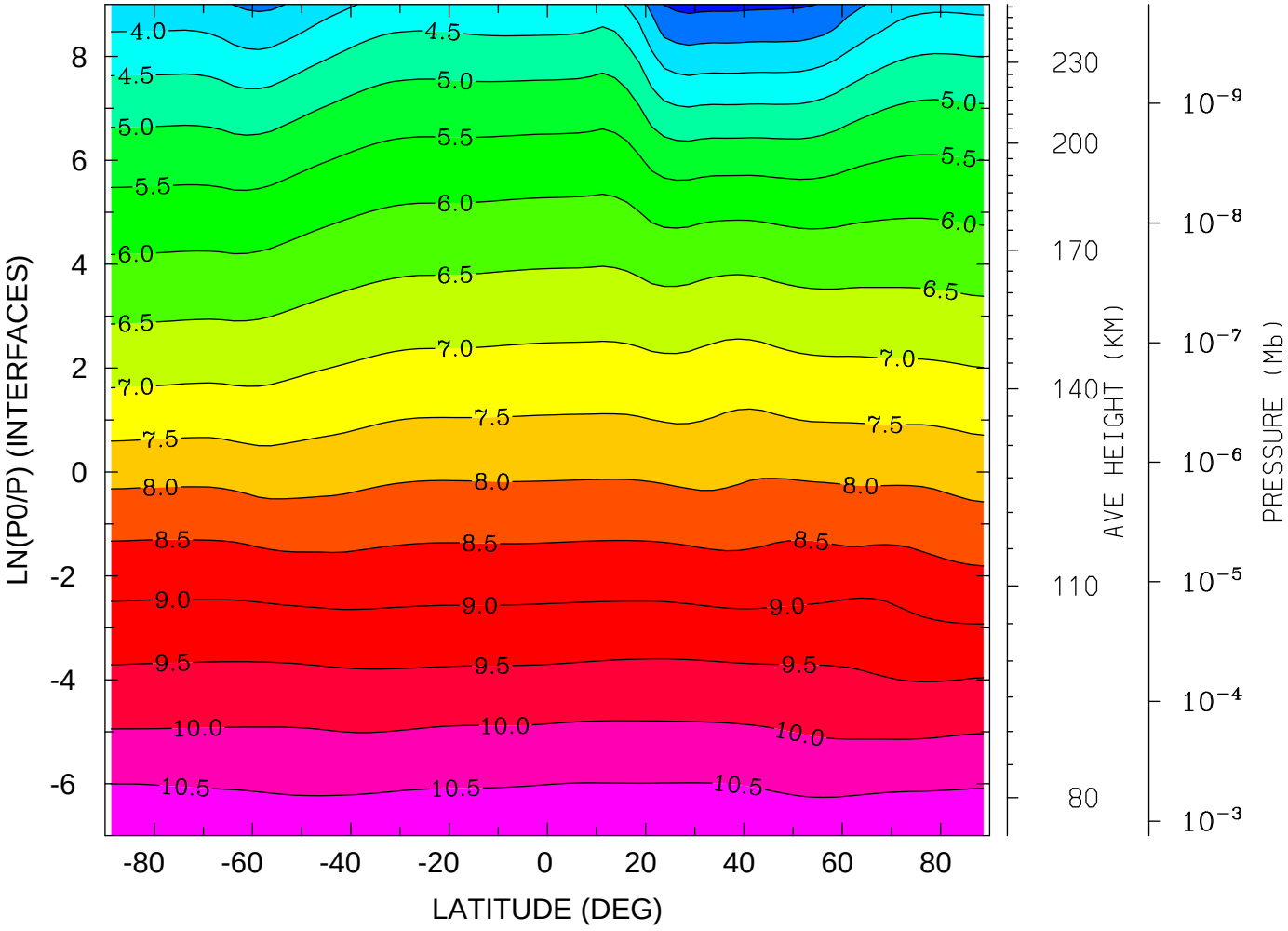


MIN,MAX= 3.5605E+00 1.0927E+01 INTERVAL= 5.0000E-01

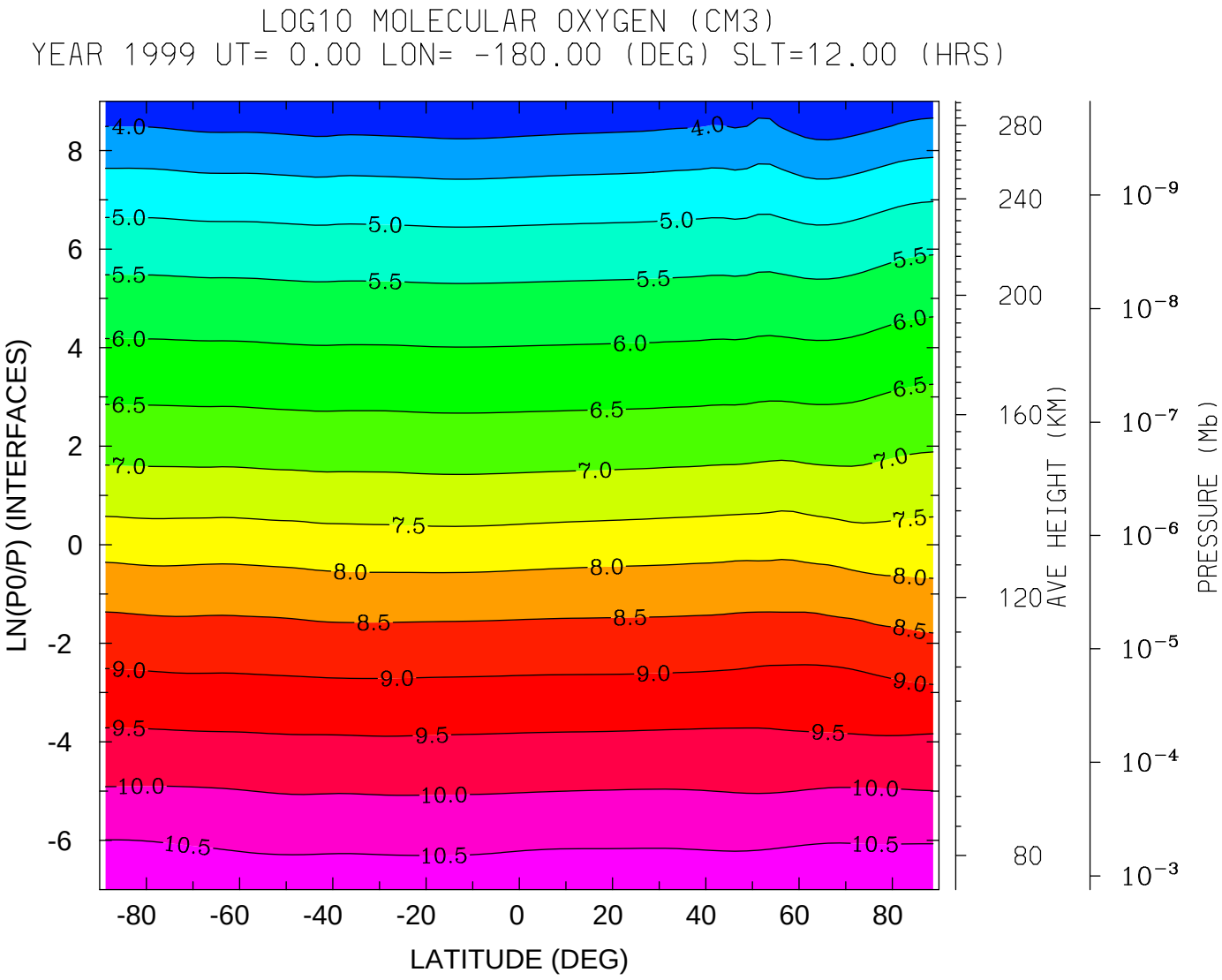
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

LOG10 MOLECULAR OXYGEN (CM3)
YEAR 1999 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



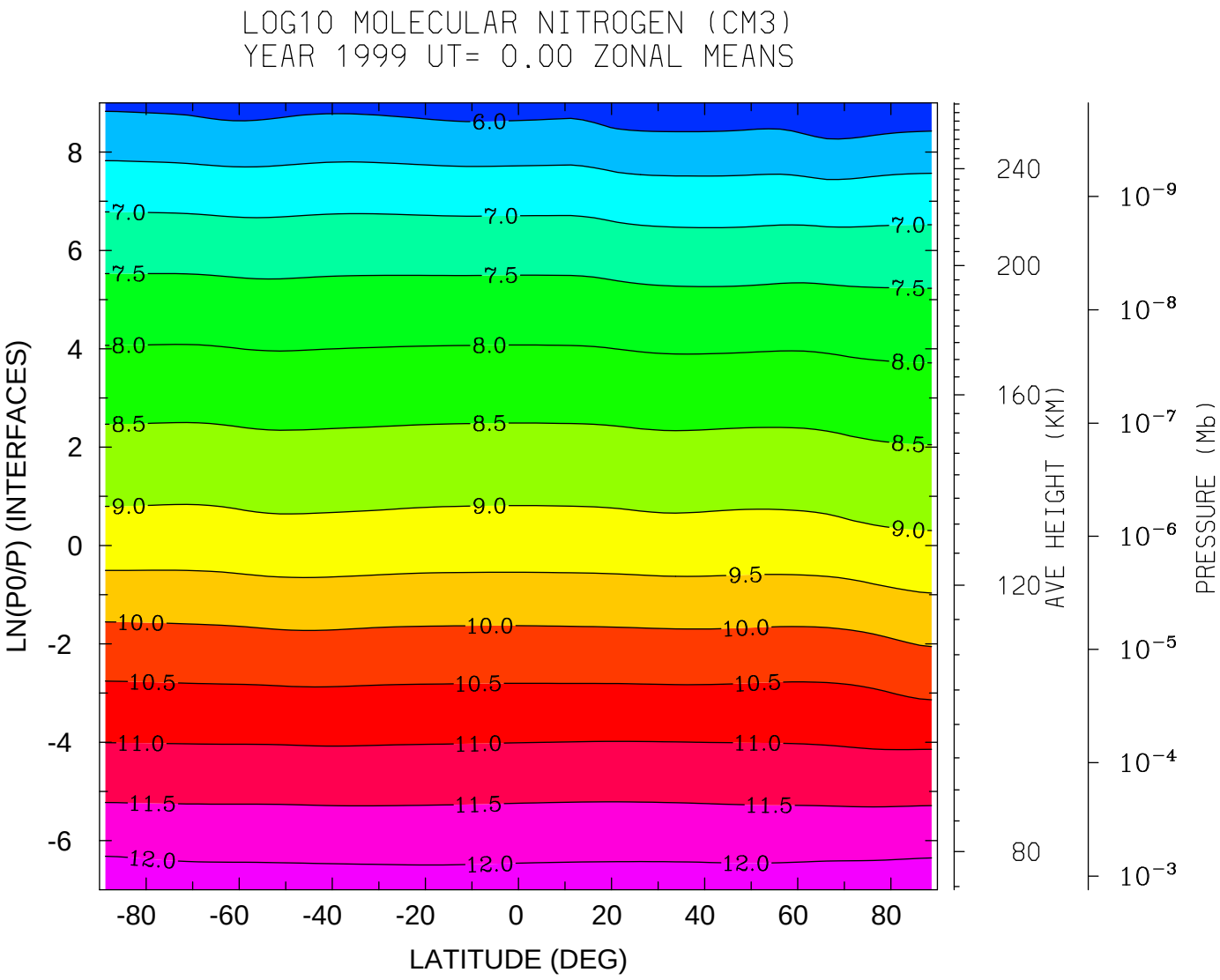
MIN,MAX= 2.8488E+00 1.0936E+01 INTERVAL= 5.0000E-01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 3.5019E+00 1.0940E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

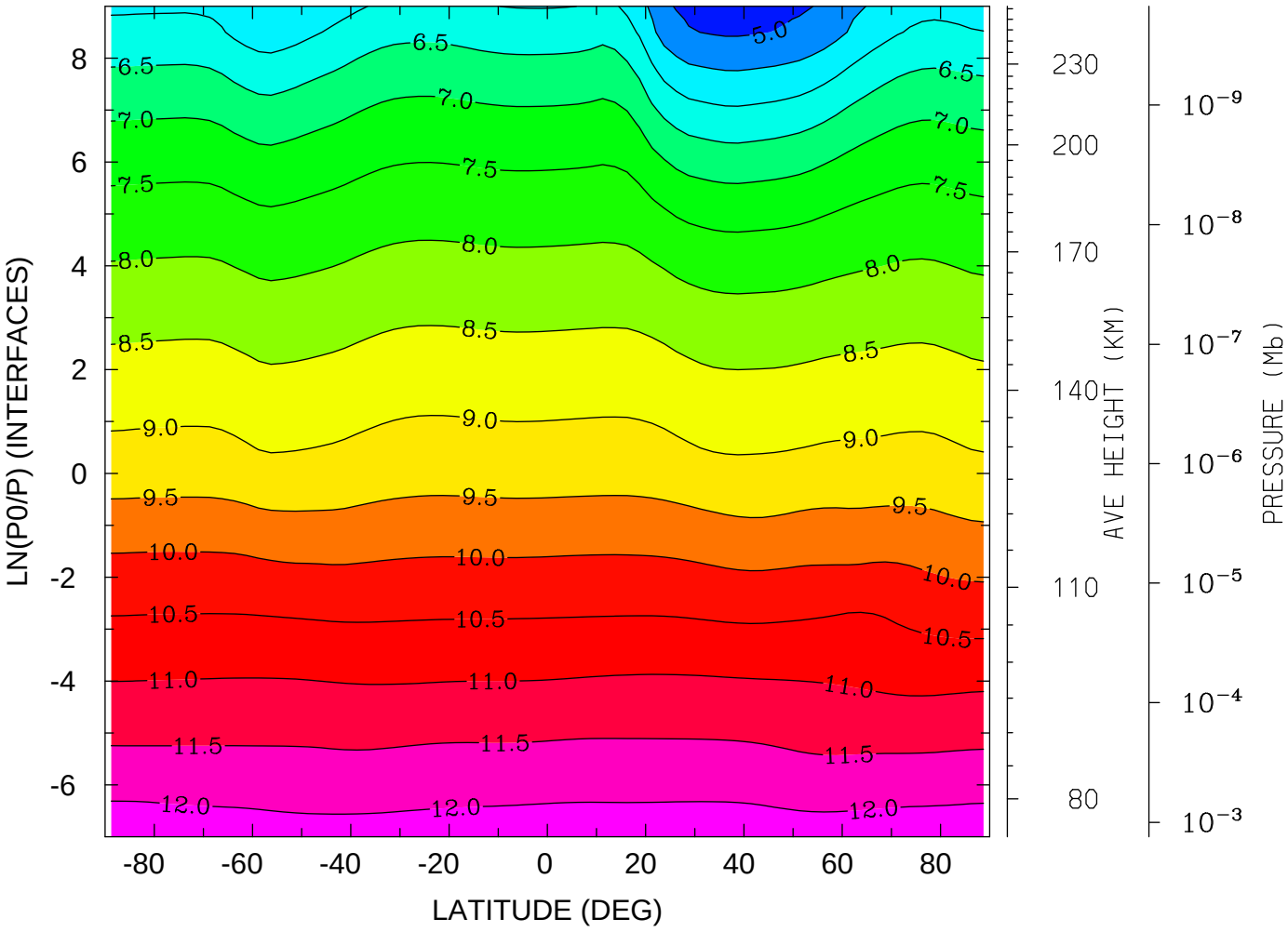


MIN,MAX= 5.6468E+00 1.2285E+01 INTERVAL= 5.0000E-01

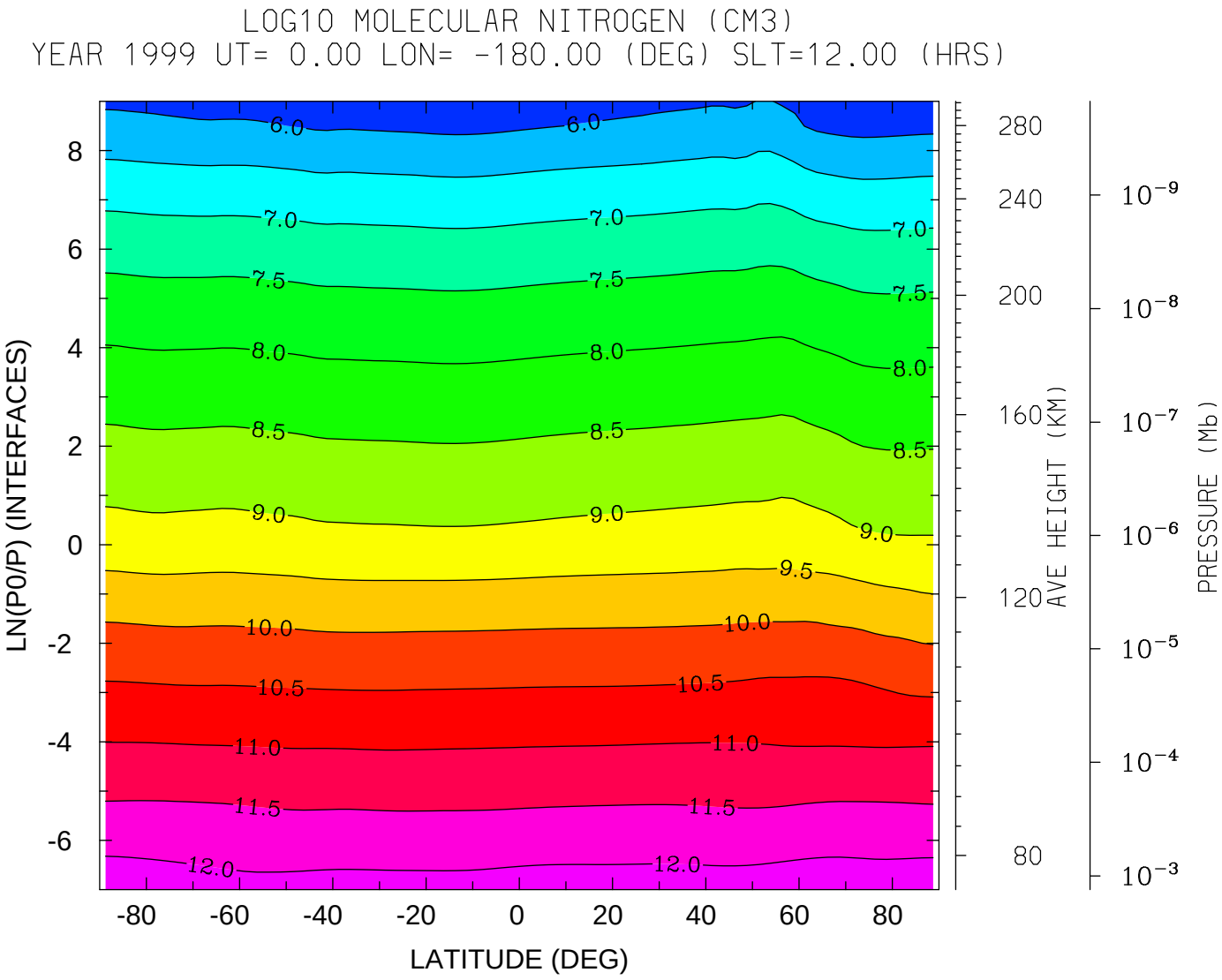
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

LOG10 MOLECULAR NITROGEN (CM3)
YEAR 1999 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



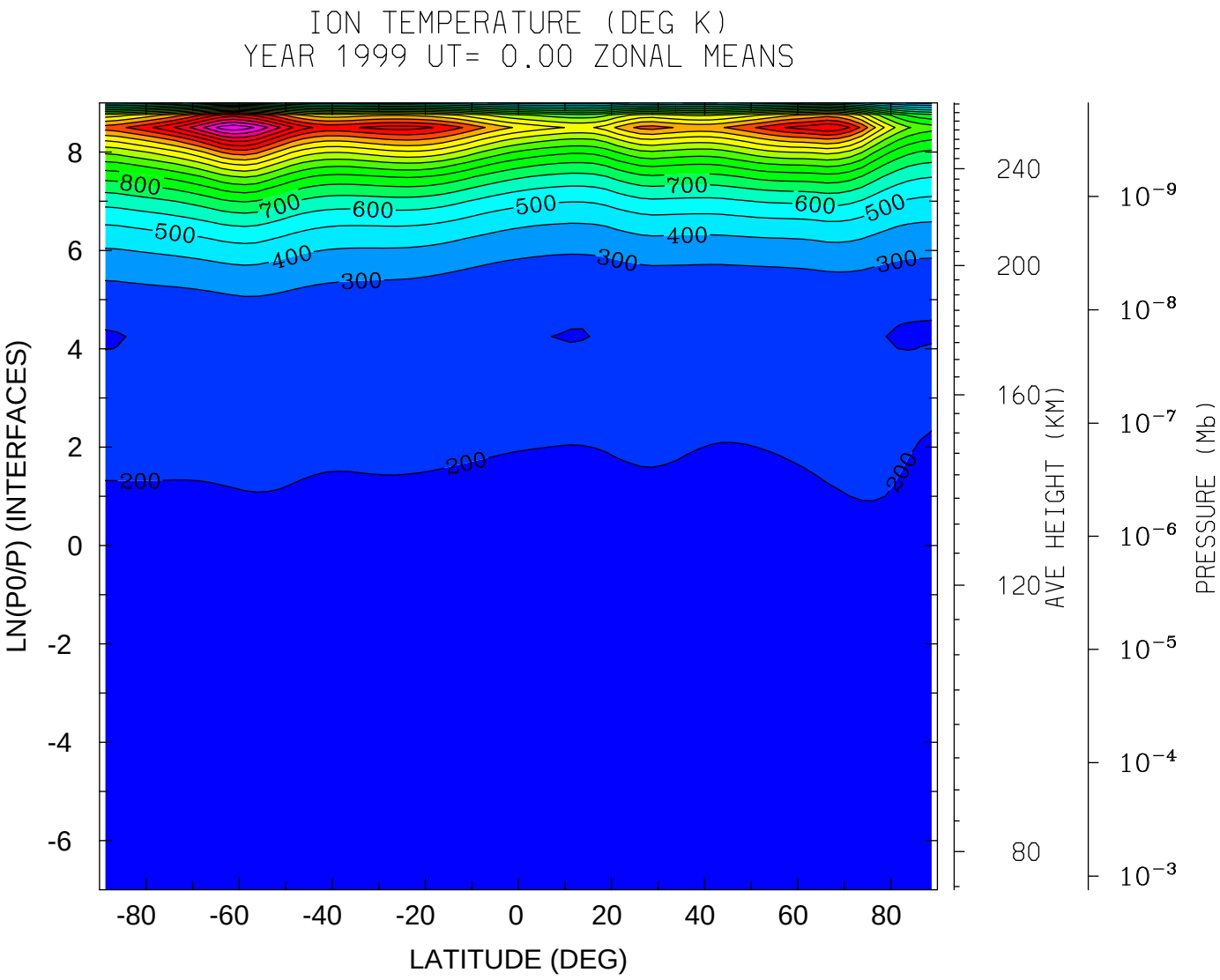
MIN,MAX= 4.7446E+00 1.2294E+01 INTERVAL= 5.0000E-01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 5.6601E+00 1.2298E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

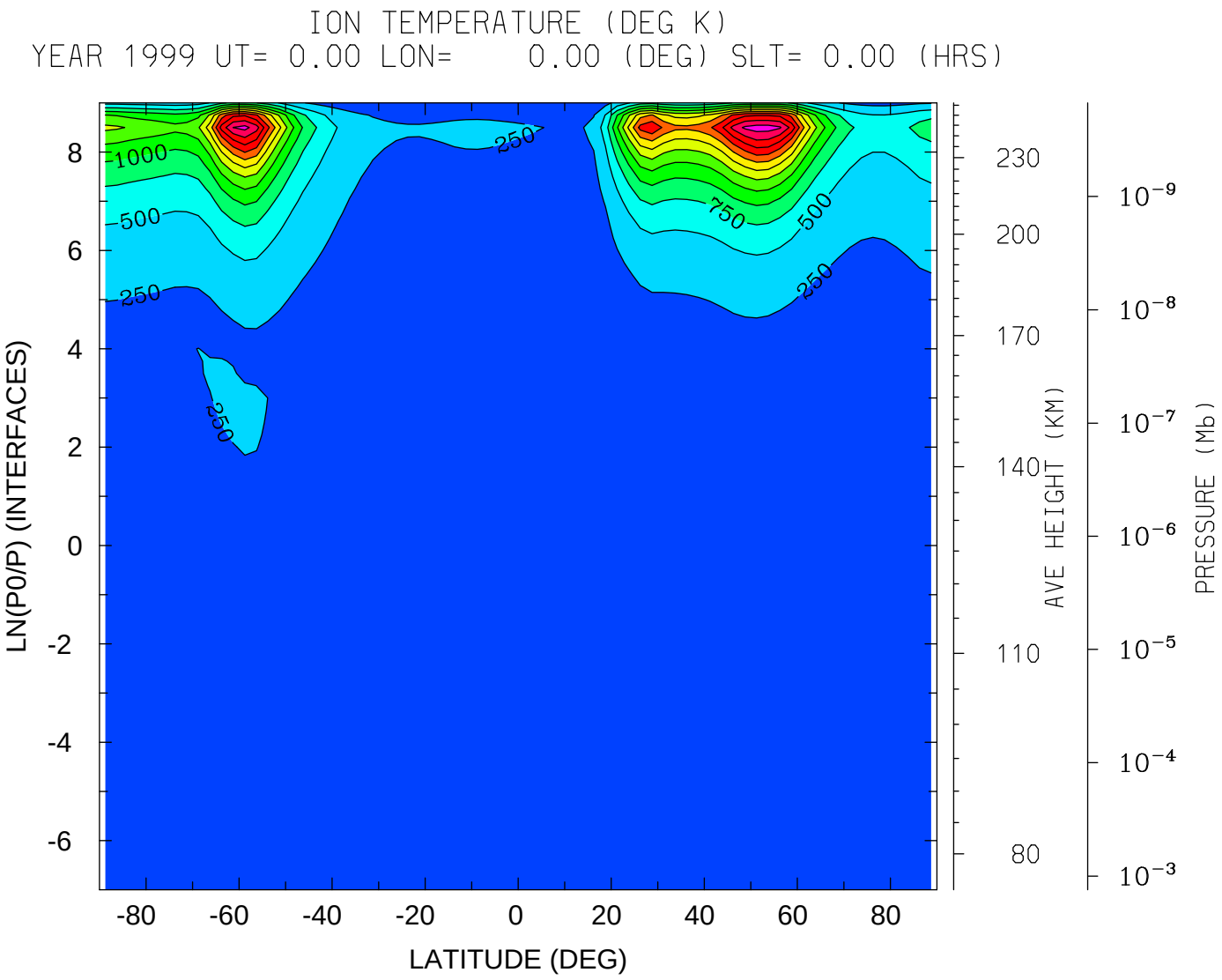
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 1.1091E+02 2.1759E+03 INTERVAL= 1.0000E+02

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

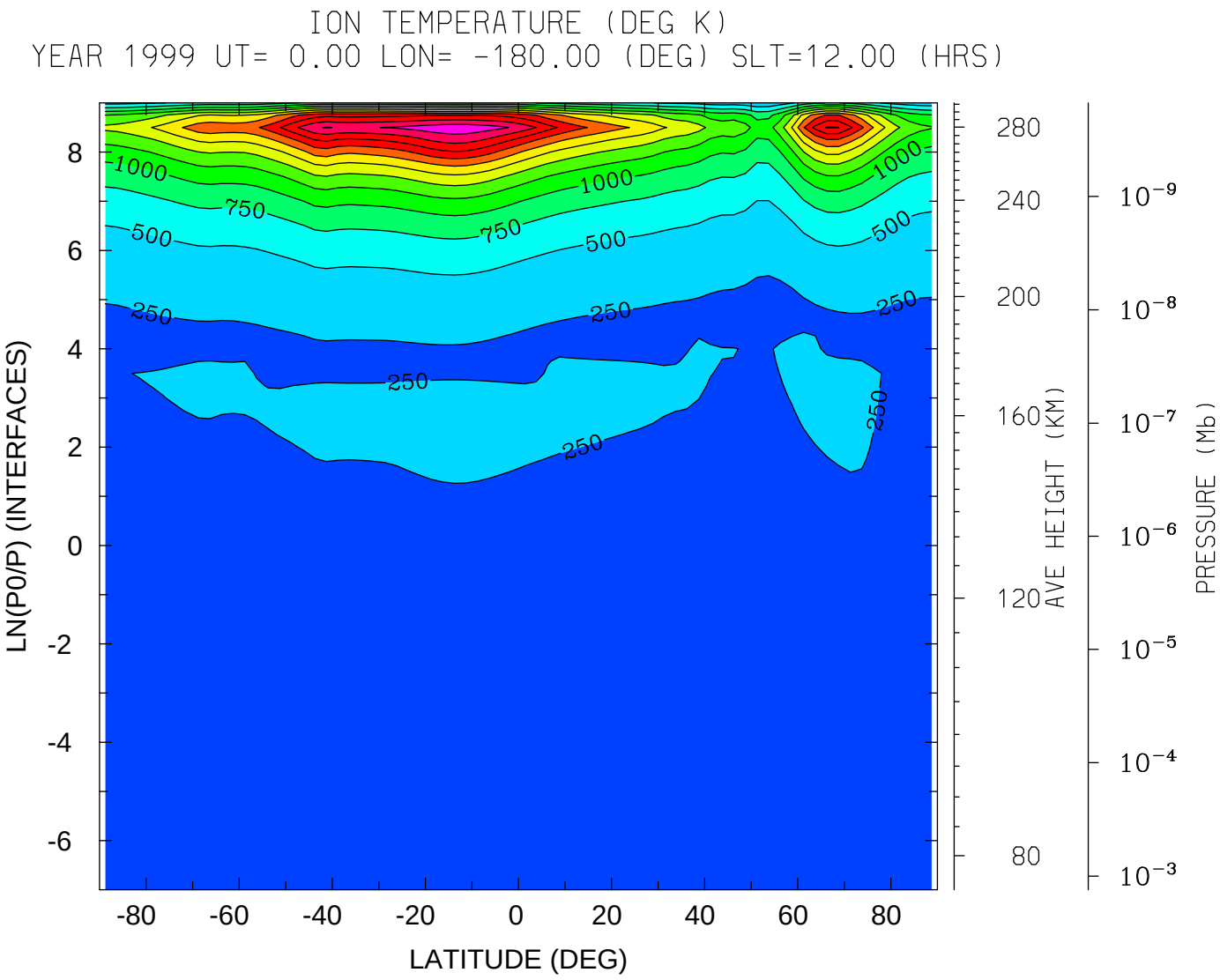
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 5.6466E+01 3.1206E+03 INTERVAL= 2.5000E+02

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

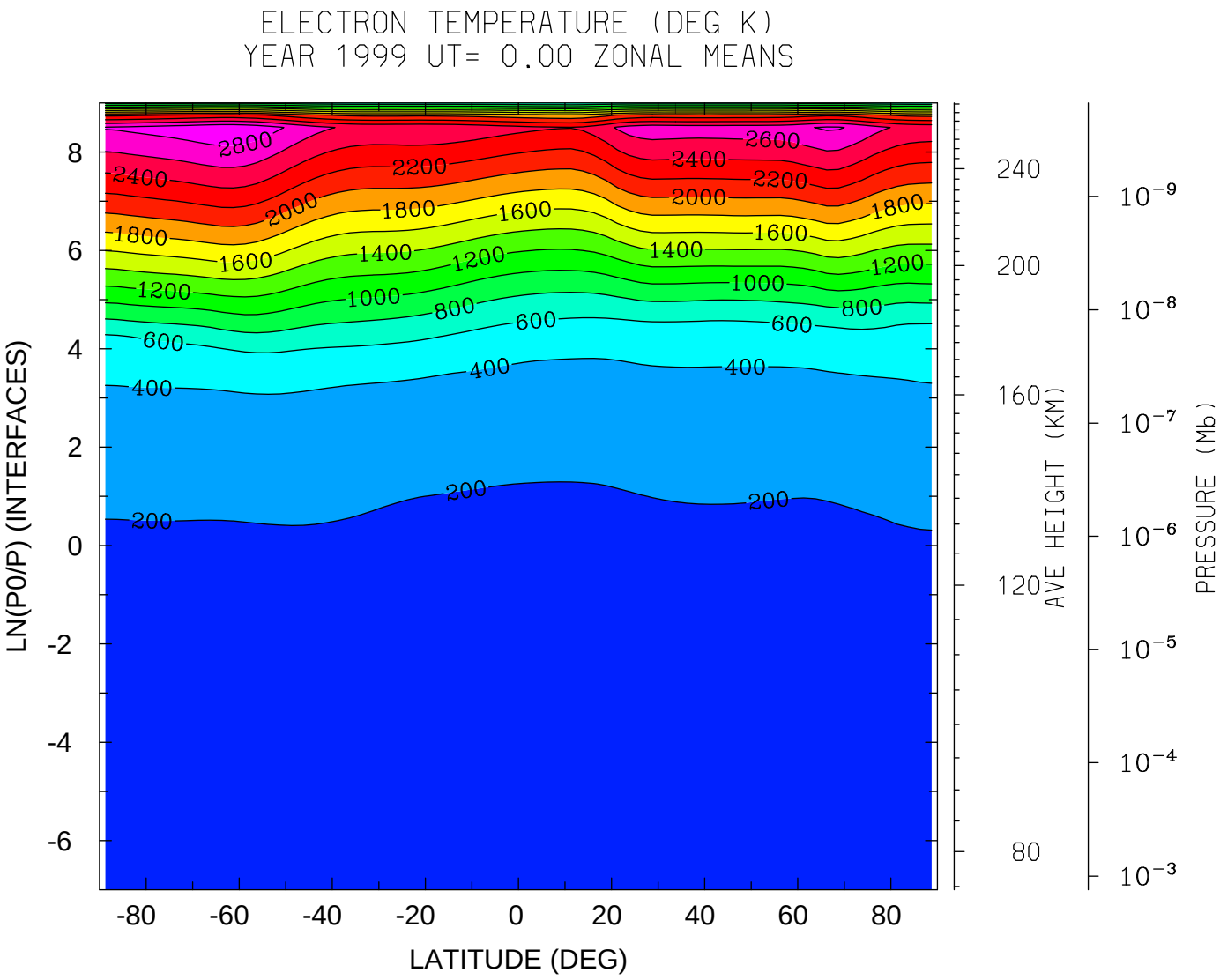
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 1.0679E+02 3.1696E+03 INTERVAL= 2.5000E+02

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

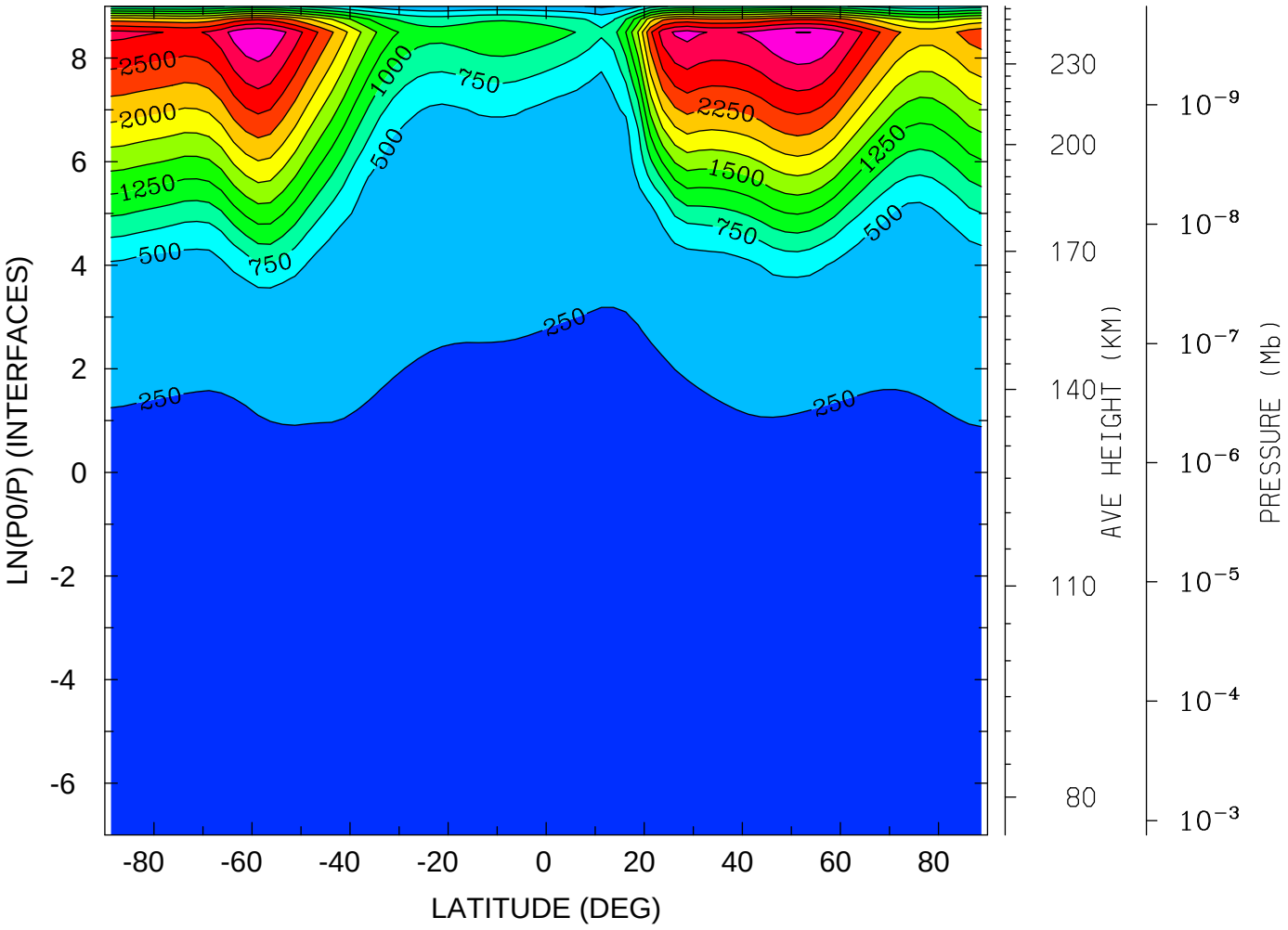


MIN,MAX= 1.1091E+02 2.9628E+03 INTERVAL= 2.0000E+02

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

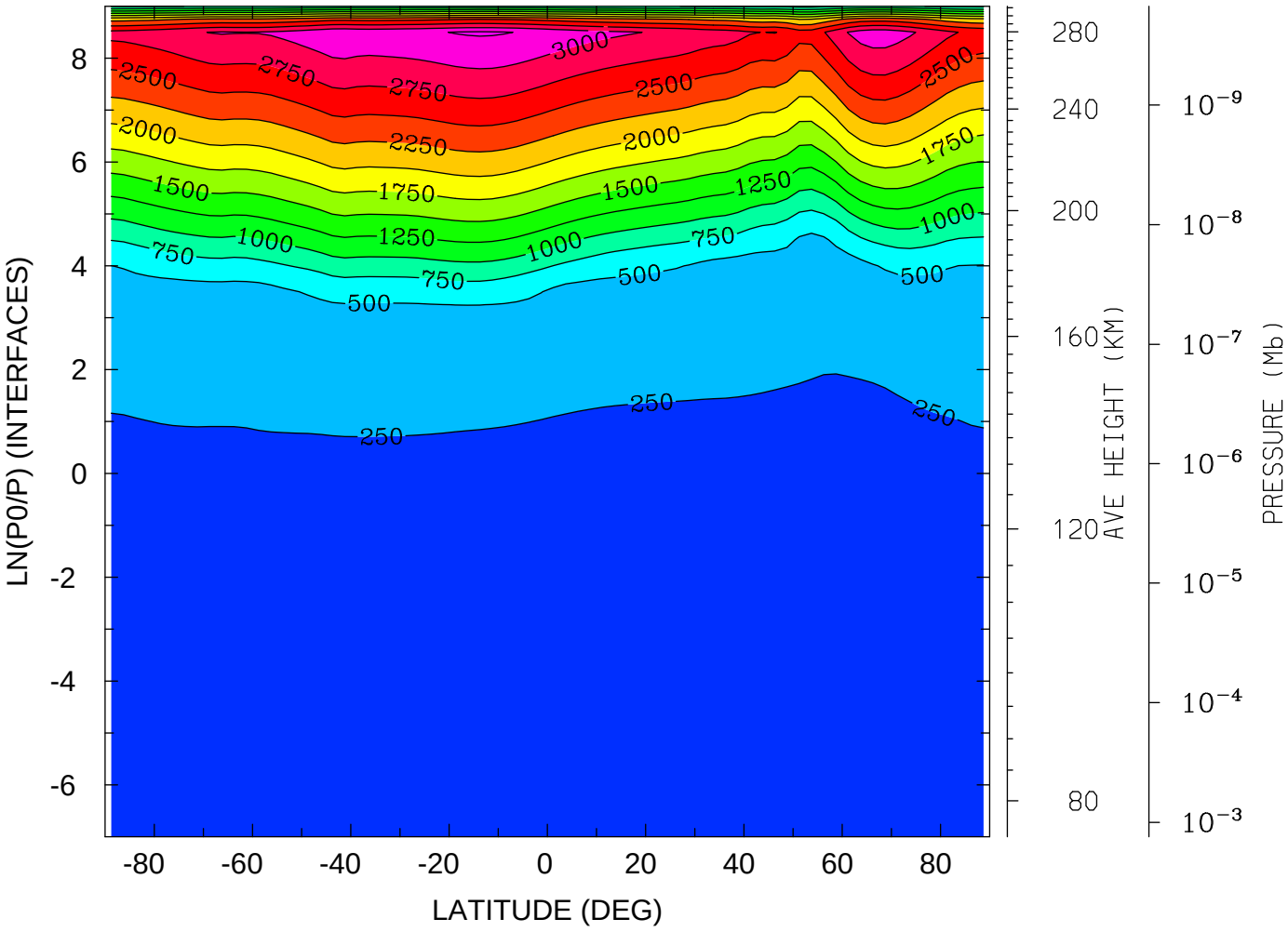
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

ELECTRON TEMPERATURE (DEG K)
YEAR 1999 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)

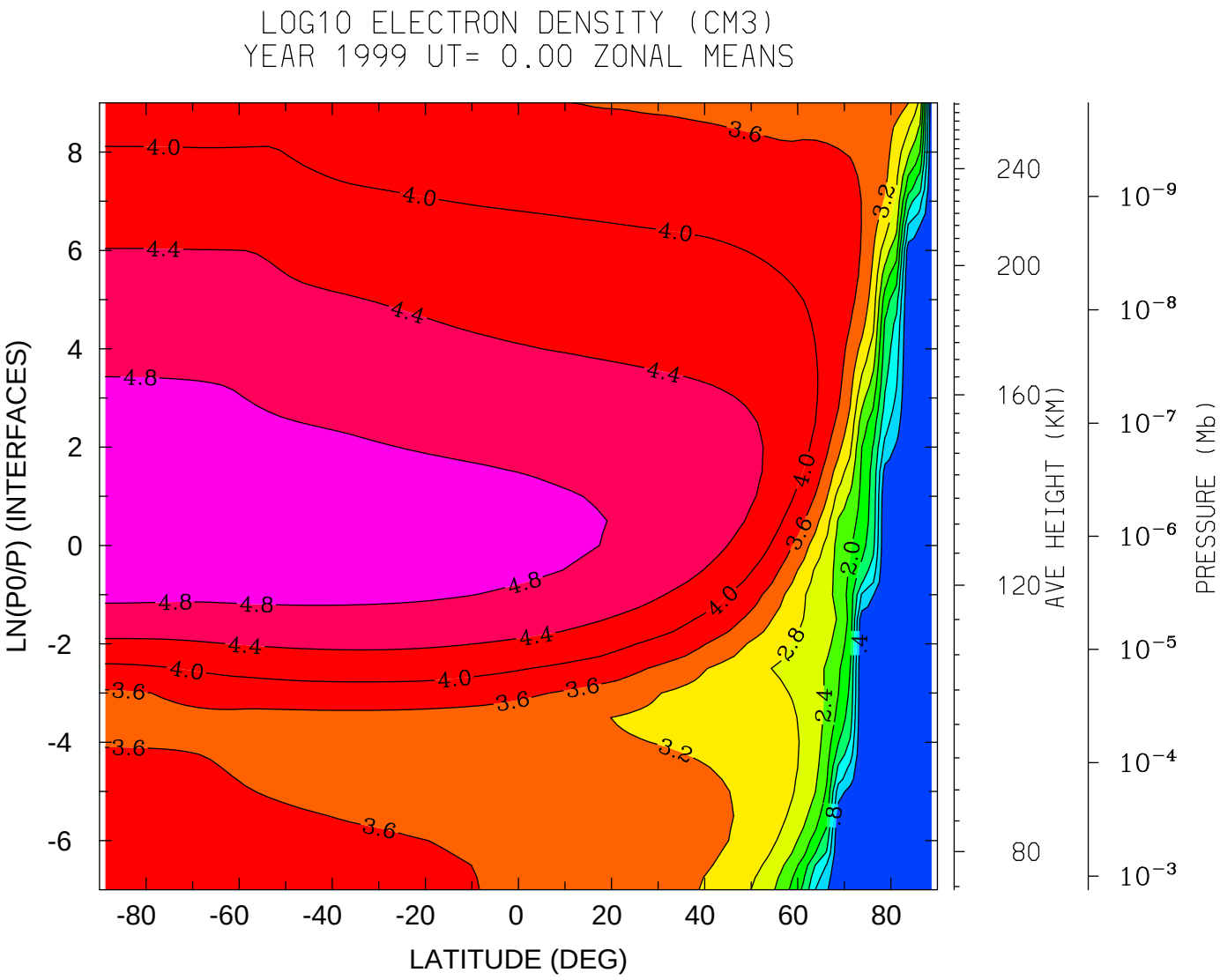


MIN,MAX= 1.0585E+02 3.2545E+03 INTERVAL= 2.5000E+02
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

ELECTRON TEMPERATURE (DEG K)
YEAR 1999 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



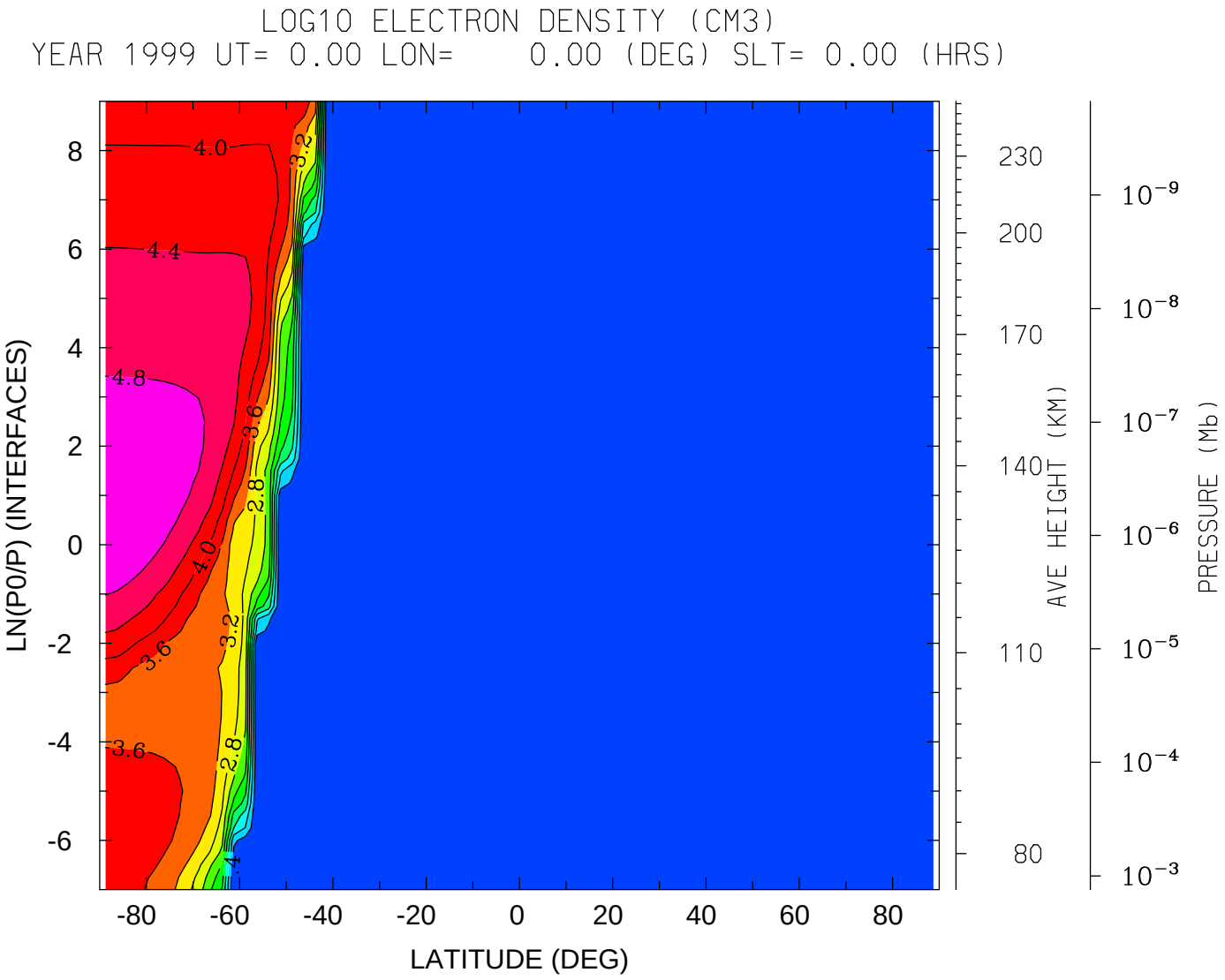
MIN,MAX= 1.0679E+02 3.2784E+03 INTERVAL= 2.5000E+02
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 0.0000E+00 5.1992E+00 INTERVAL= 4.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

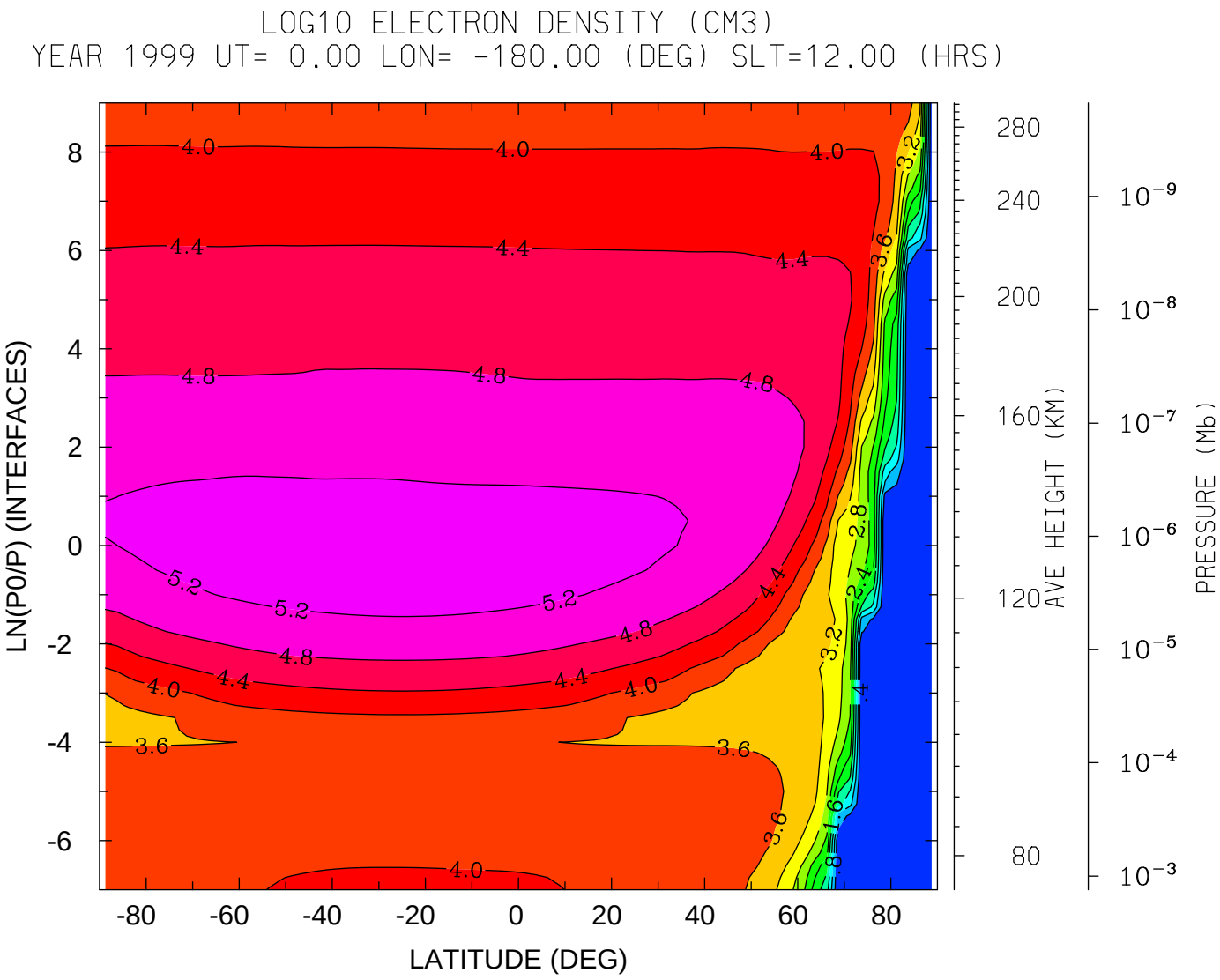
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

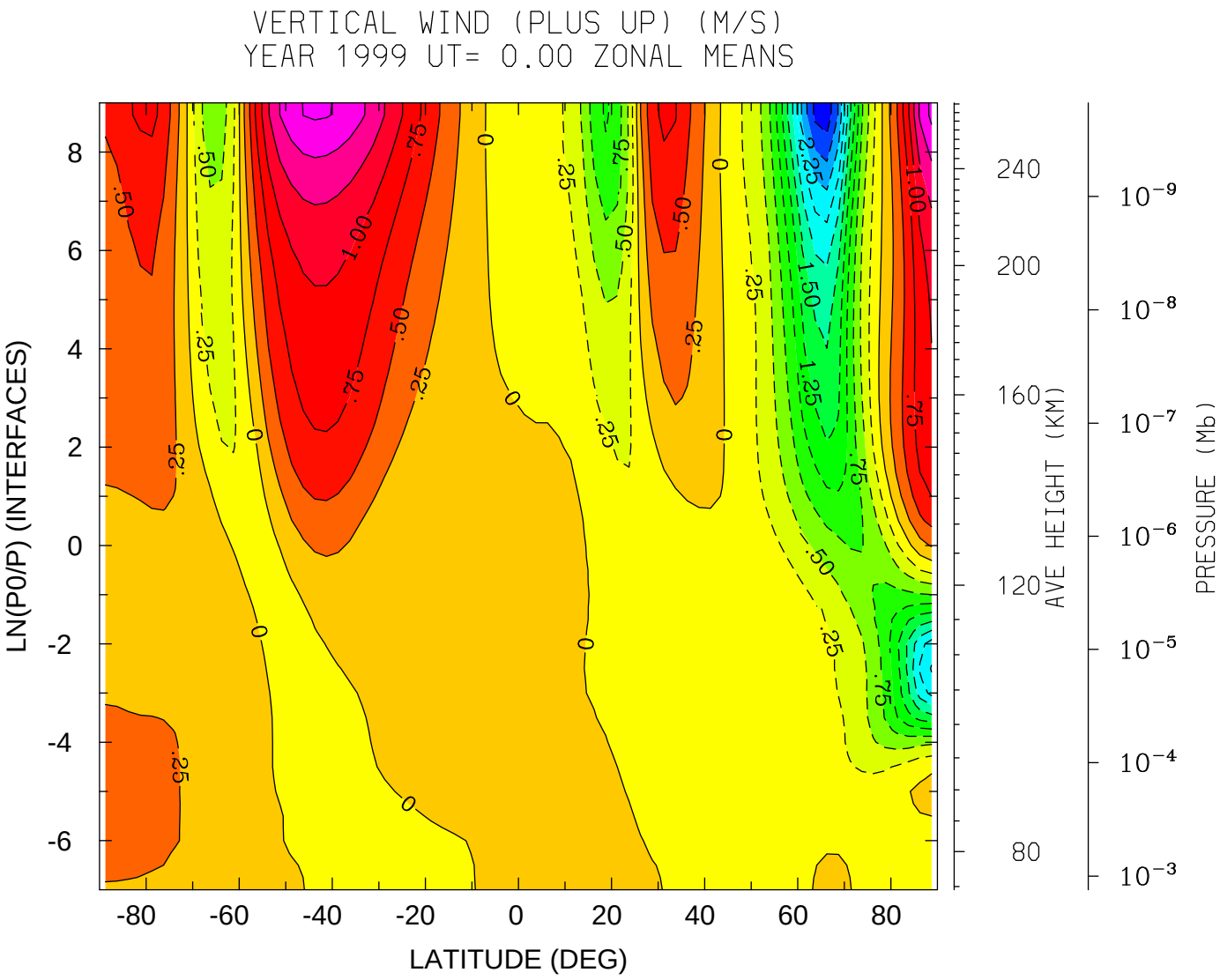


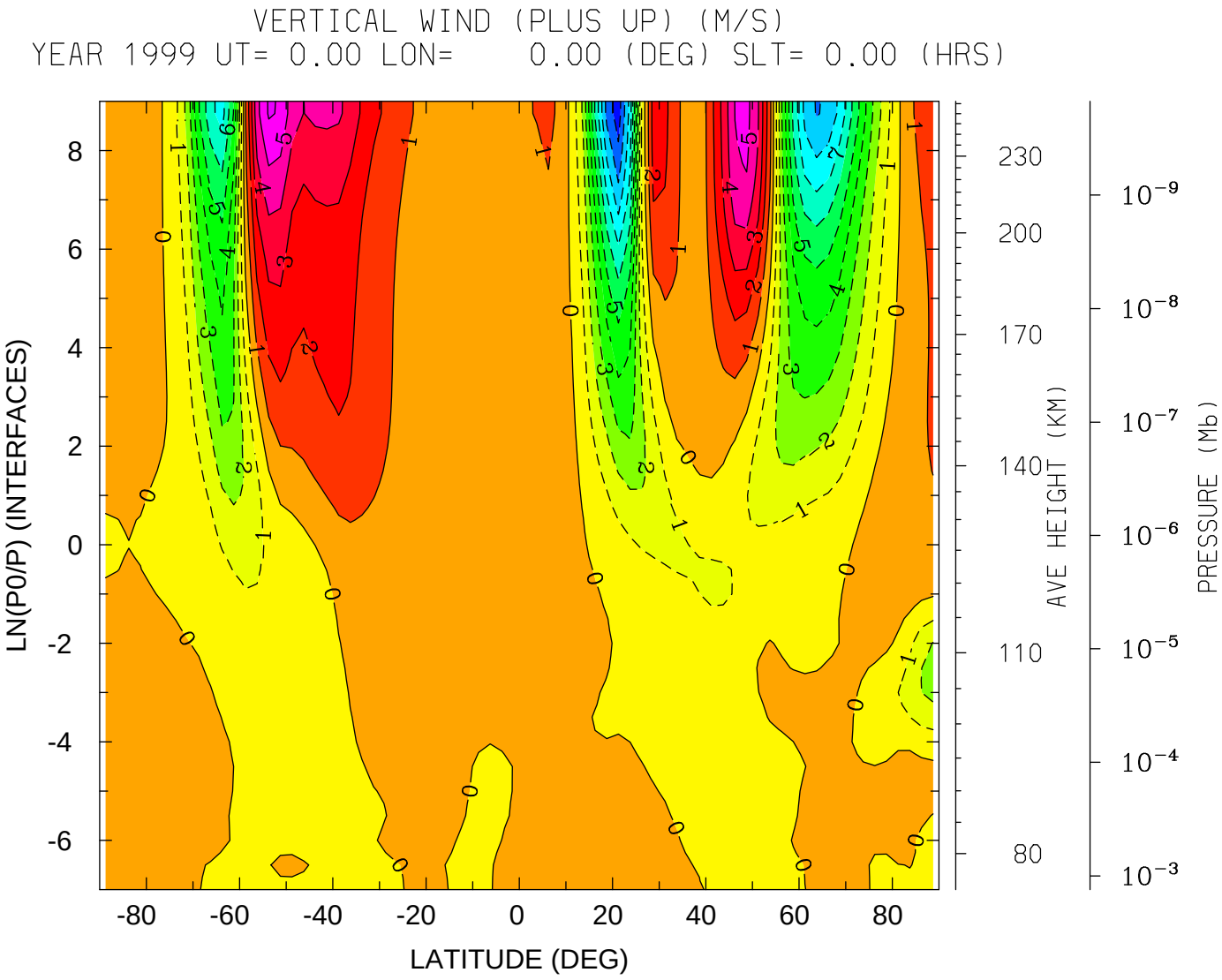
MIN,MAX= 0.0000E+00 5.1760E+00 INTERVAL= 4.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


LOG10 ELECTRON DENSITY (CM3)
YEAR 1999 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)
LN(P0/P) (INTERFACES)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 0.0000E+00 5.3696E+00 INTERVAL= 4.0000E-01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

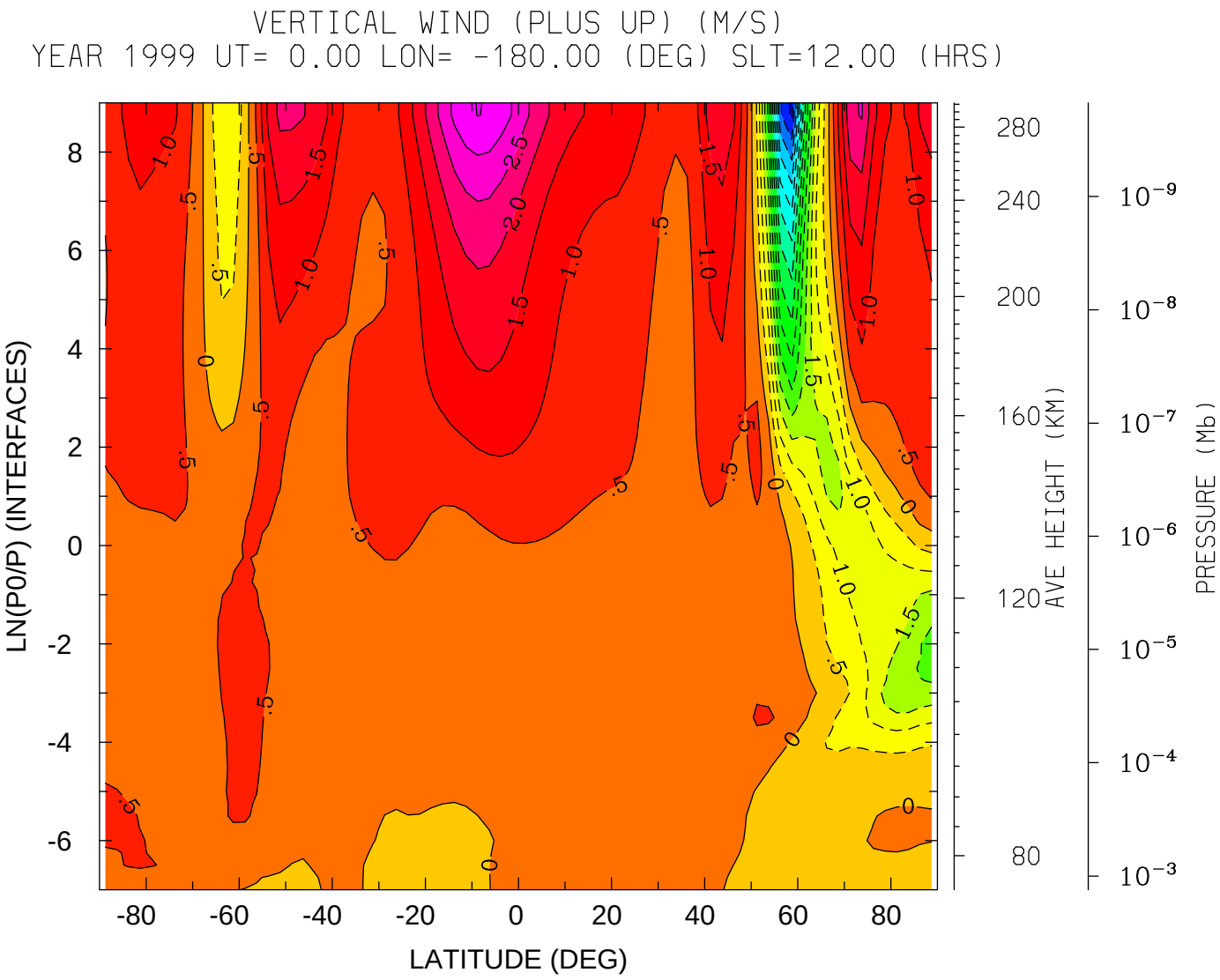

VERTICAL WIND (PLUS UP) (M/S)
YEAR 1999 UT= 0.00 ZONAL MEANS
LN(P0/P) (INTERFACES)
8
6
4
2
0
-2
-4
-6
-80
-60
-40
-20
0
20
40
60
80
LATITUDE (DEG)
240
200
160
120
80
AVE HEIGHT (KM)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
PRESSURE (Mb)
MIN,MAX= -2.9184E+00 1.8196E+00 INTERVAL= 2.5000E-01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= -1.0549E+01 6.1275E+00 INTERVAL= 1.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

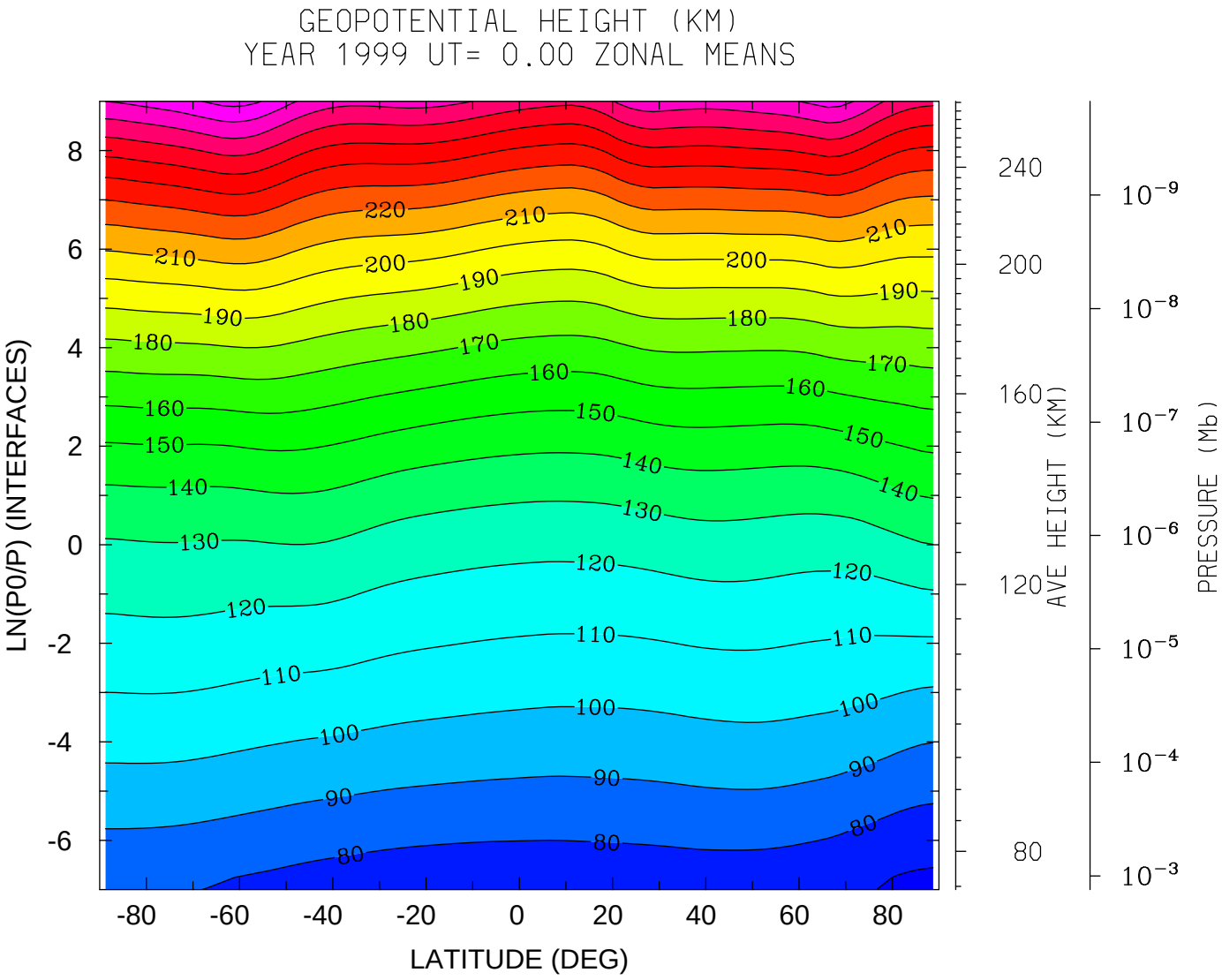
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= -7.1342E+00 3.5178E+00 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

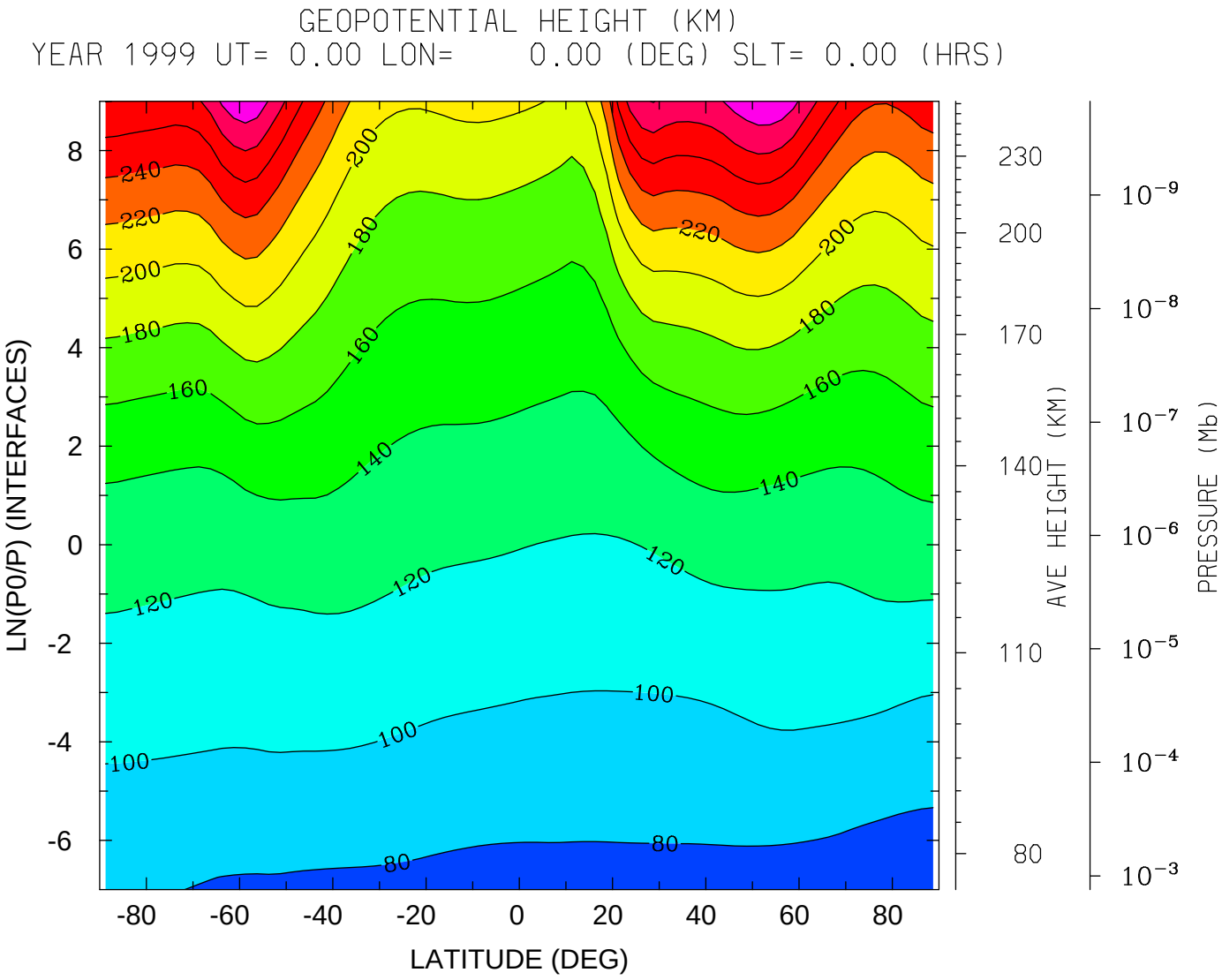
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



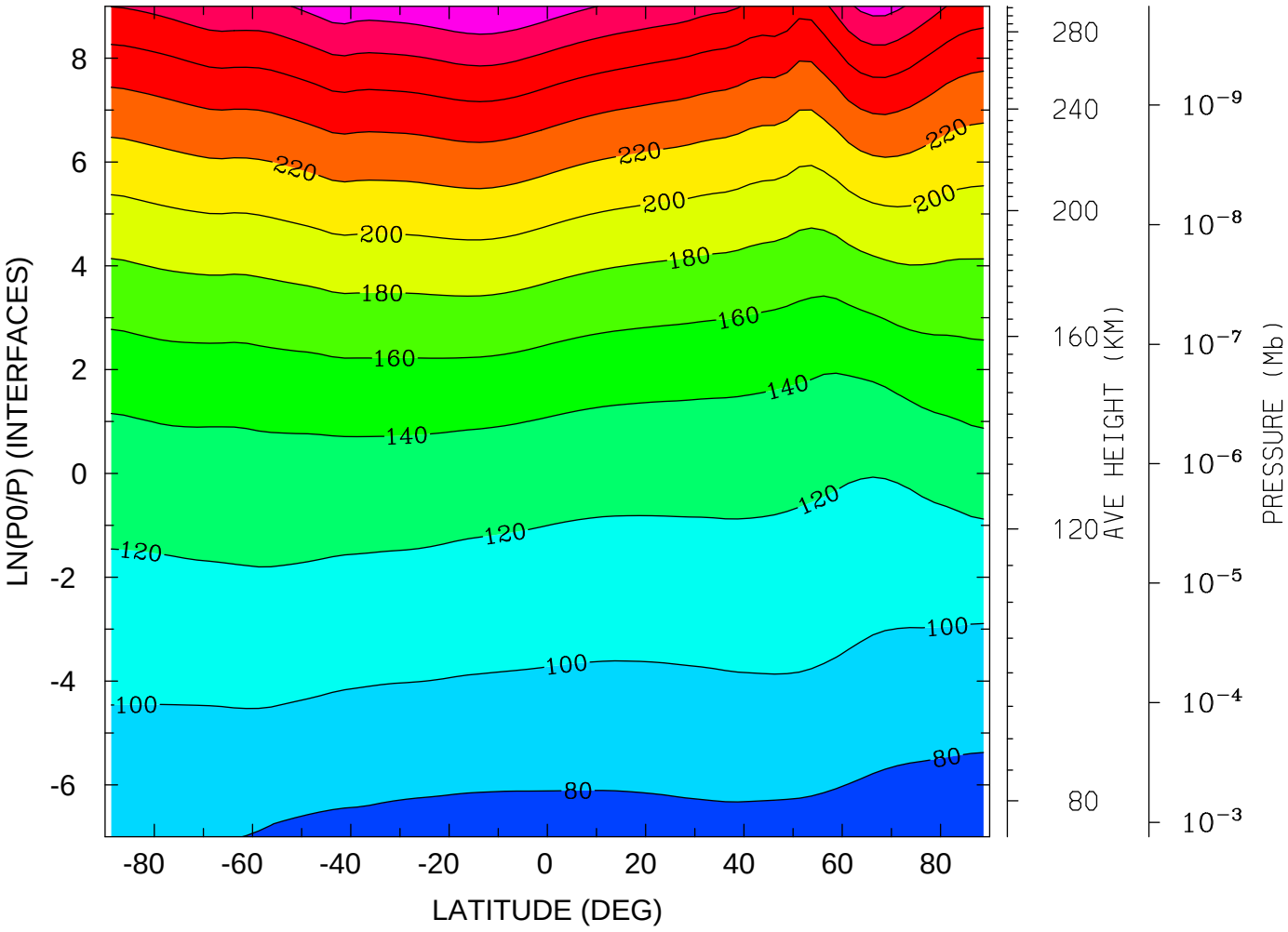
MIN,MAX= 6.7661E+01 2.9339E+02 INTERVAL= 1.0000E+01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

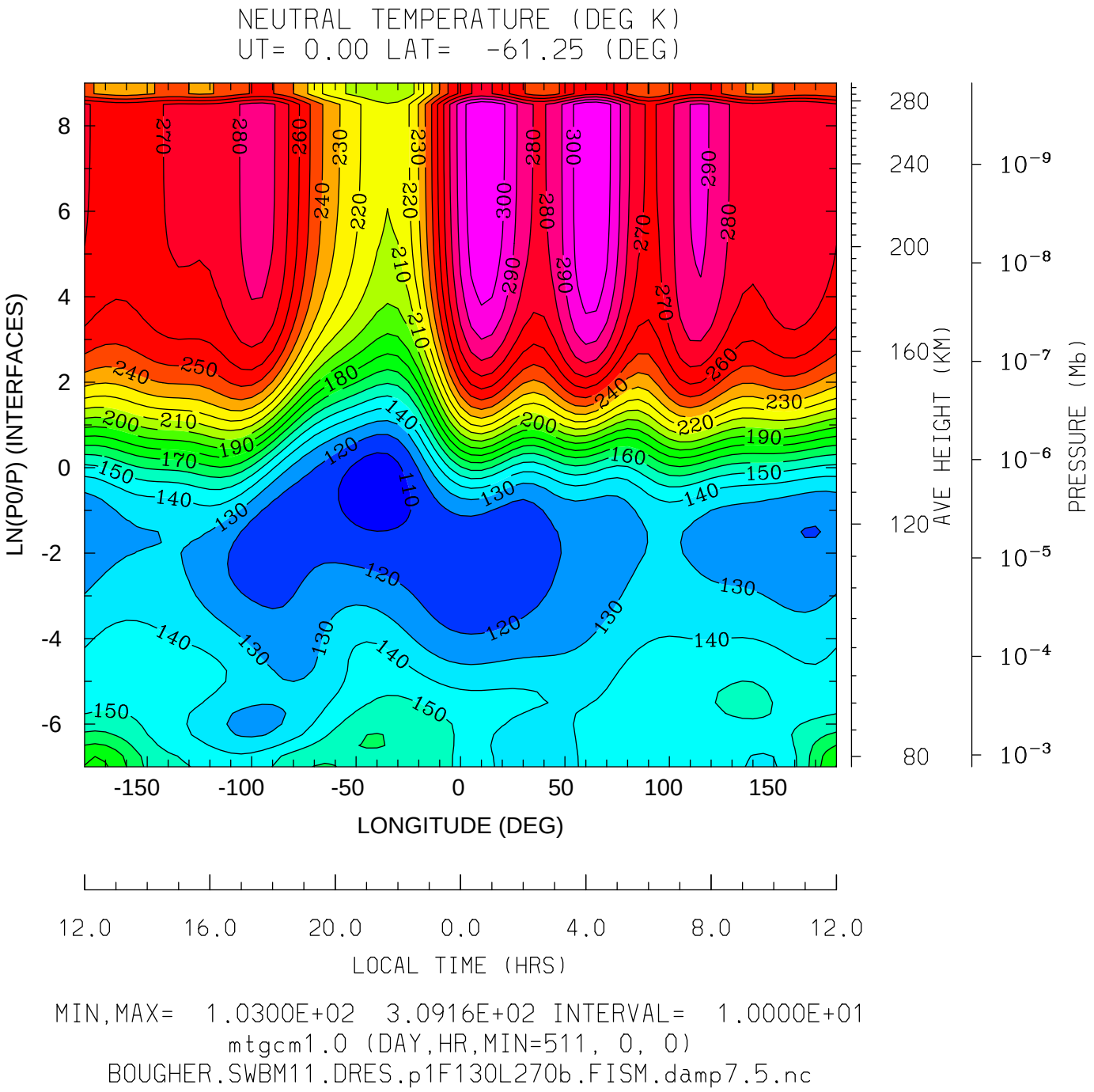
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

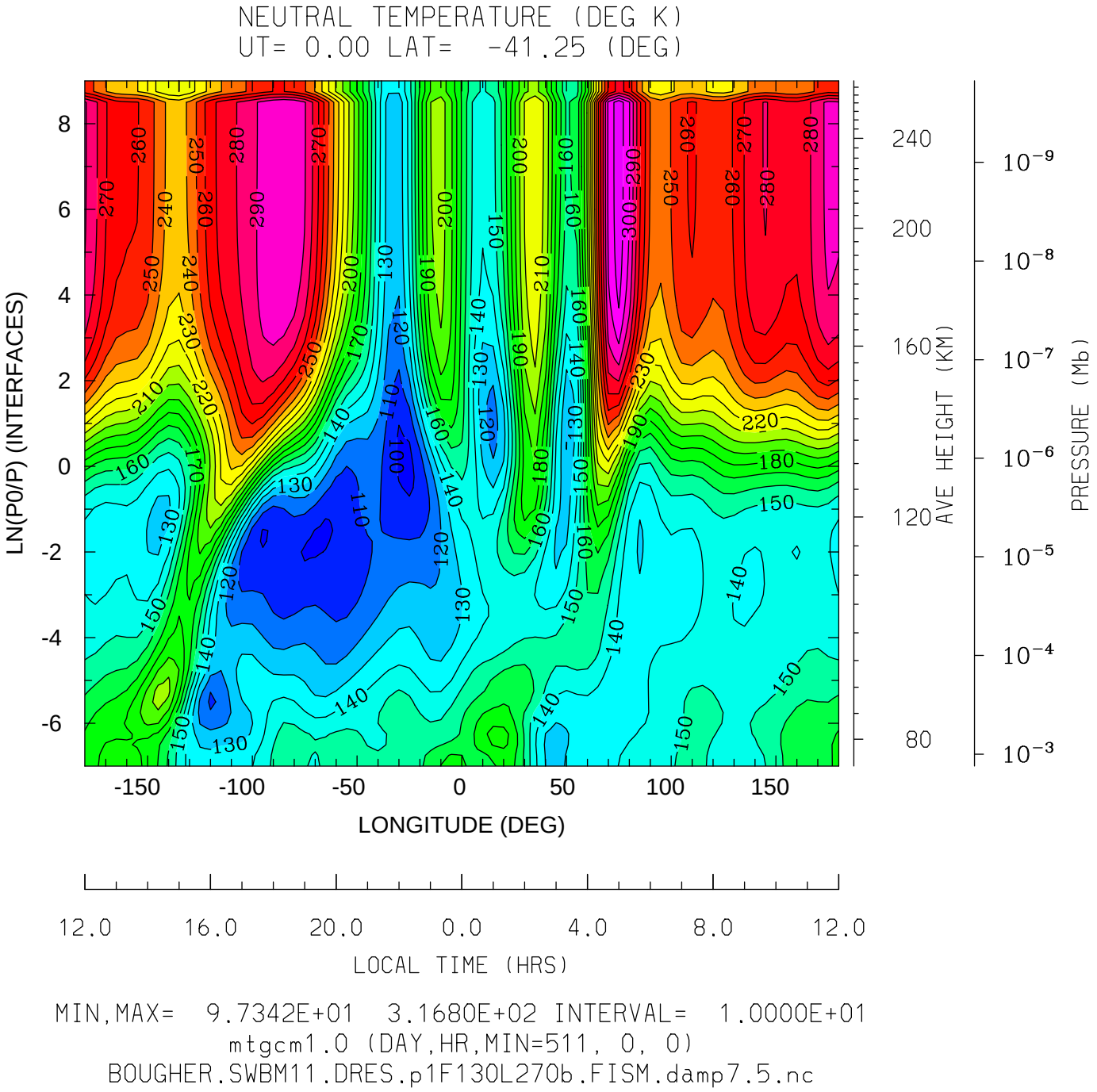

GEOPOTENTIAL HEIGHT (KM)
YEAR 1999 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)
LN(P0/P) (INTERFACES)
LATITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 6.8295E+01 3.1710E+02 INTERVAL= 2.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

GEOPOTENTIAL HEIGHT (KM)
YEAR 1999 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= 6.8681E+01 3.1964E+02 INTERVAL= 2.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

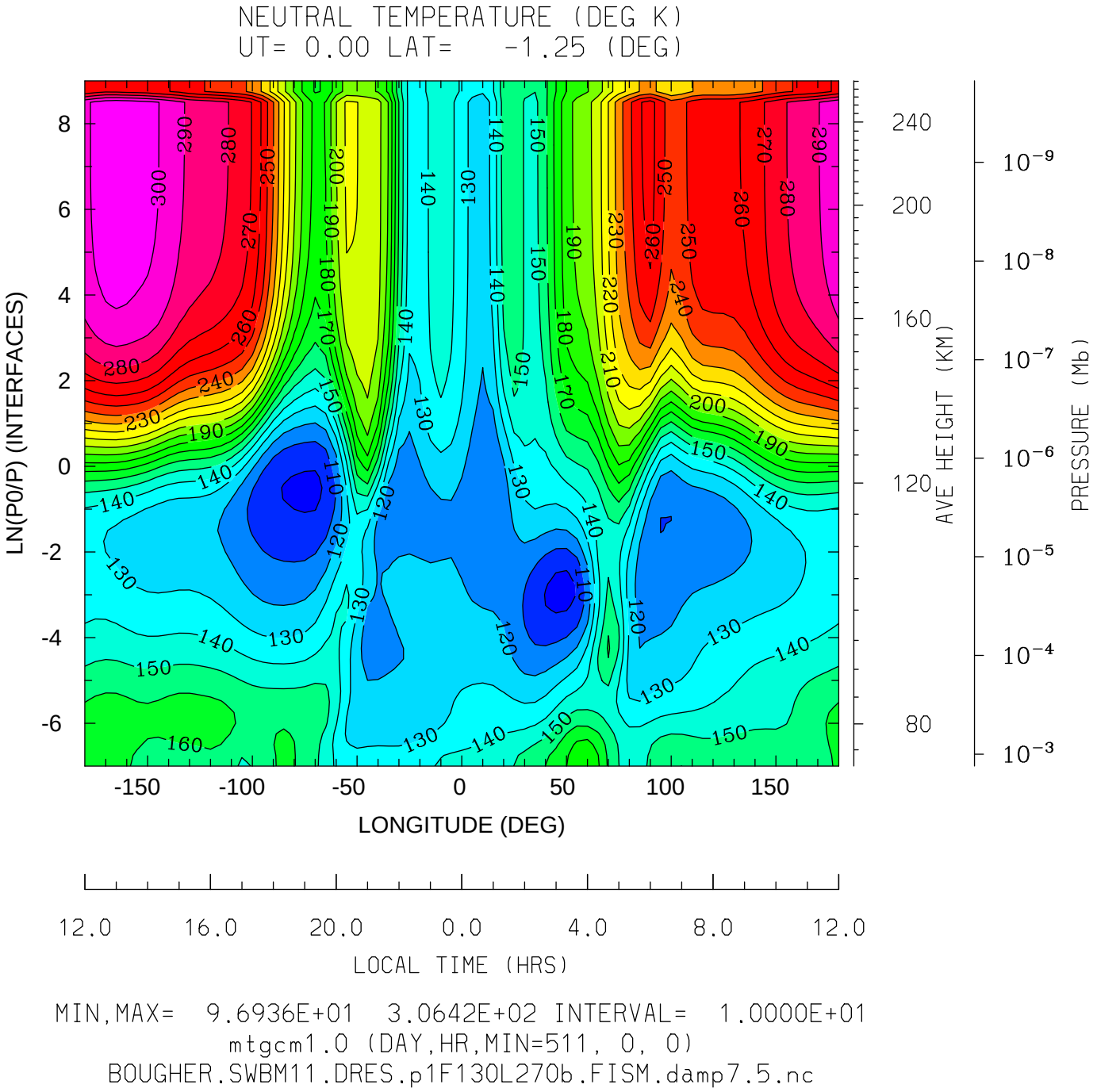

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 LAT= -61.25 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 1.0300E+02 3.0916E+02 INTERVAL= 1.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 9.7342E+01 3.1680E+02 INTERVAL= 1.0000E+01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

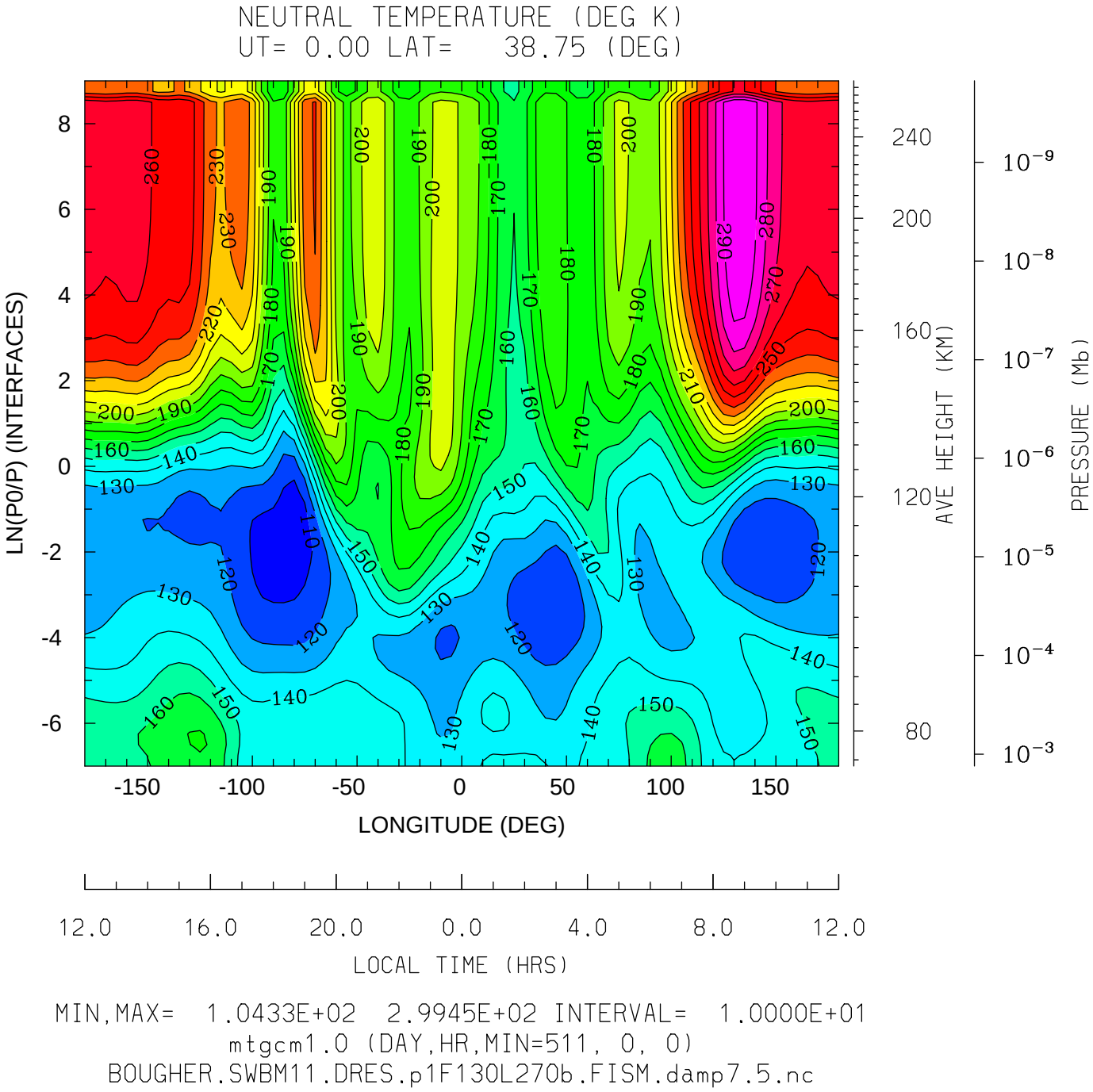
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

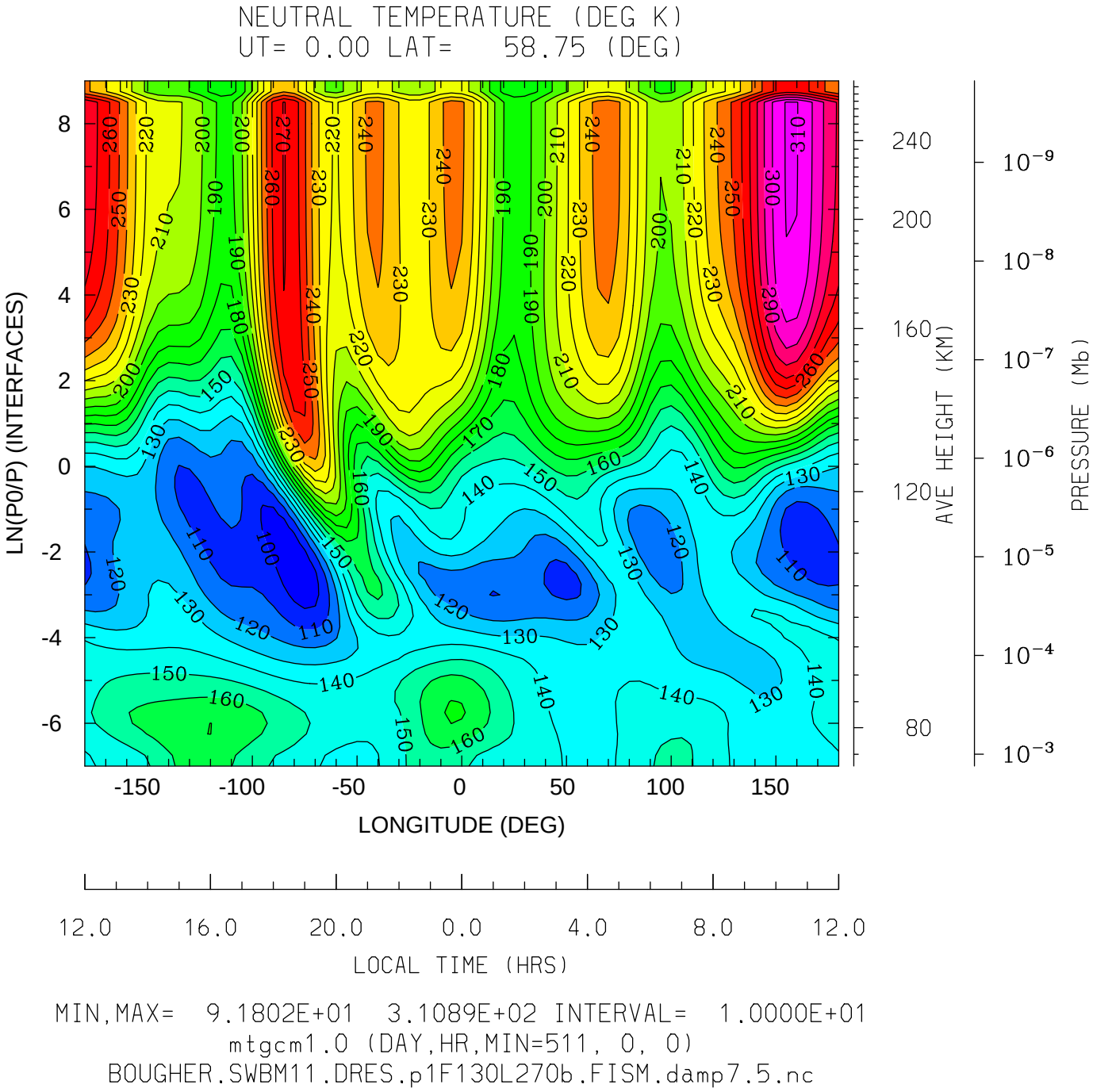


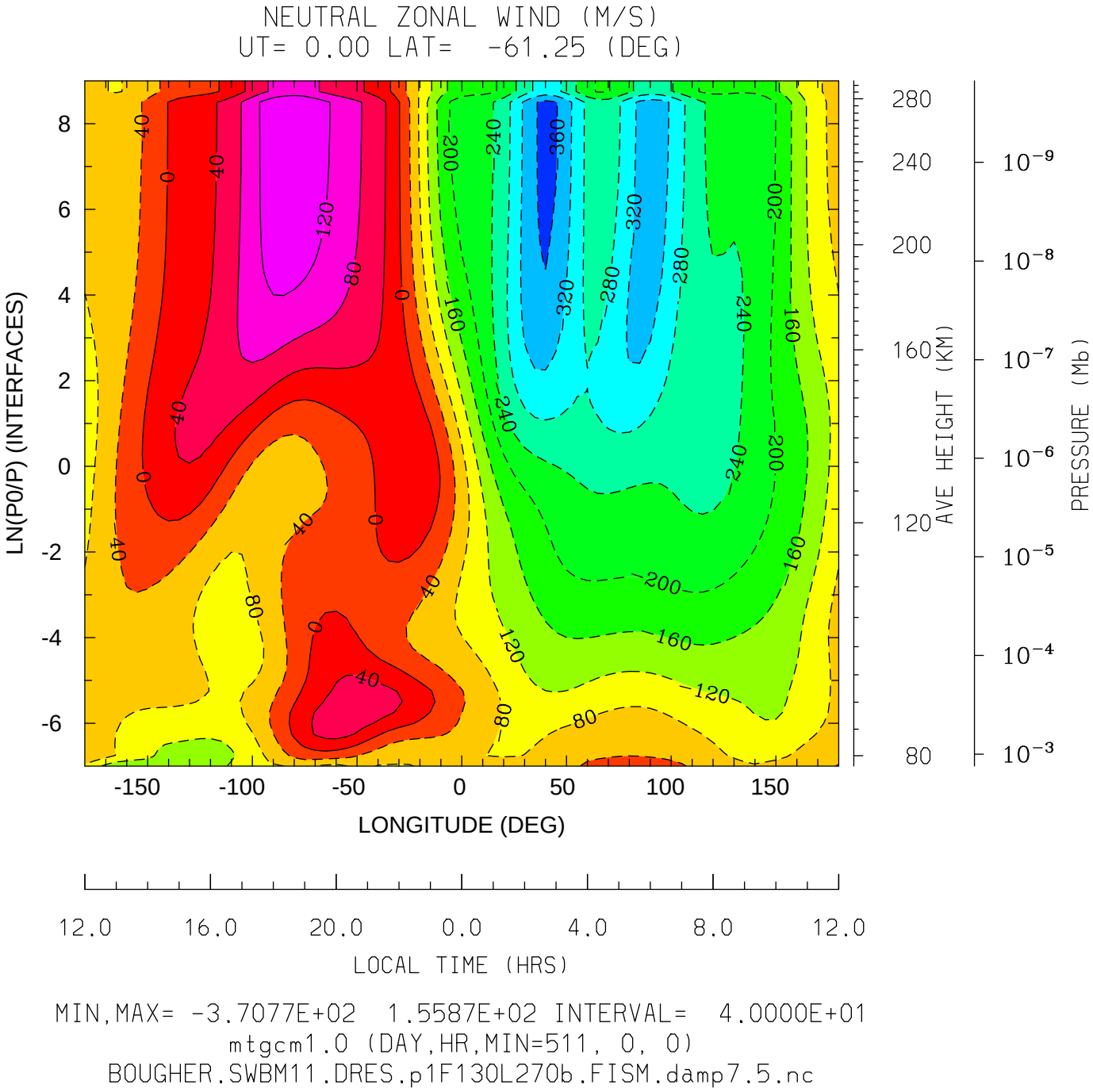
MIN,MAX= 9.6936E+01 3.0642E+02 INTERVAL= 1.0000E+01

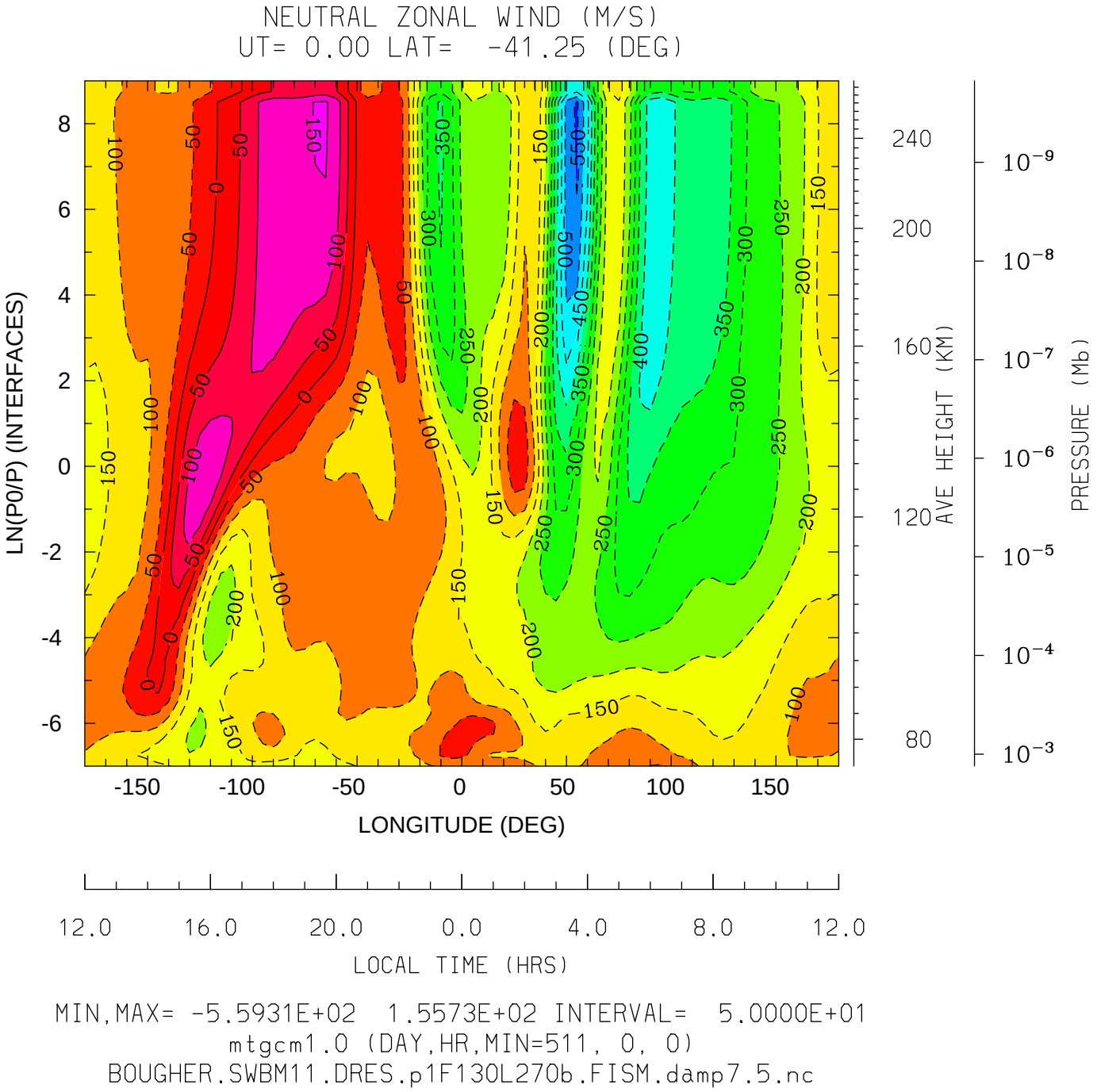
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

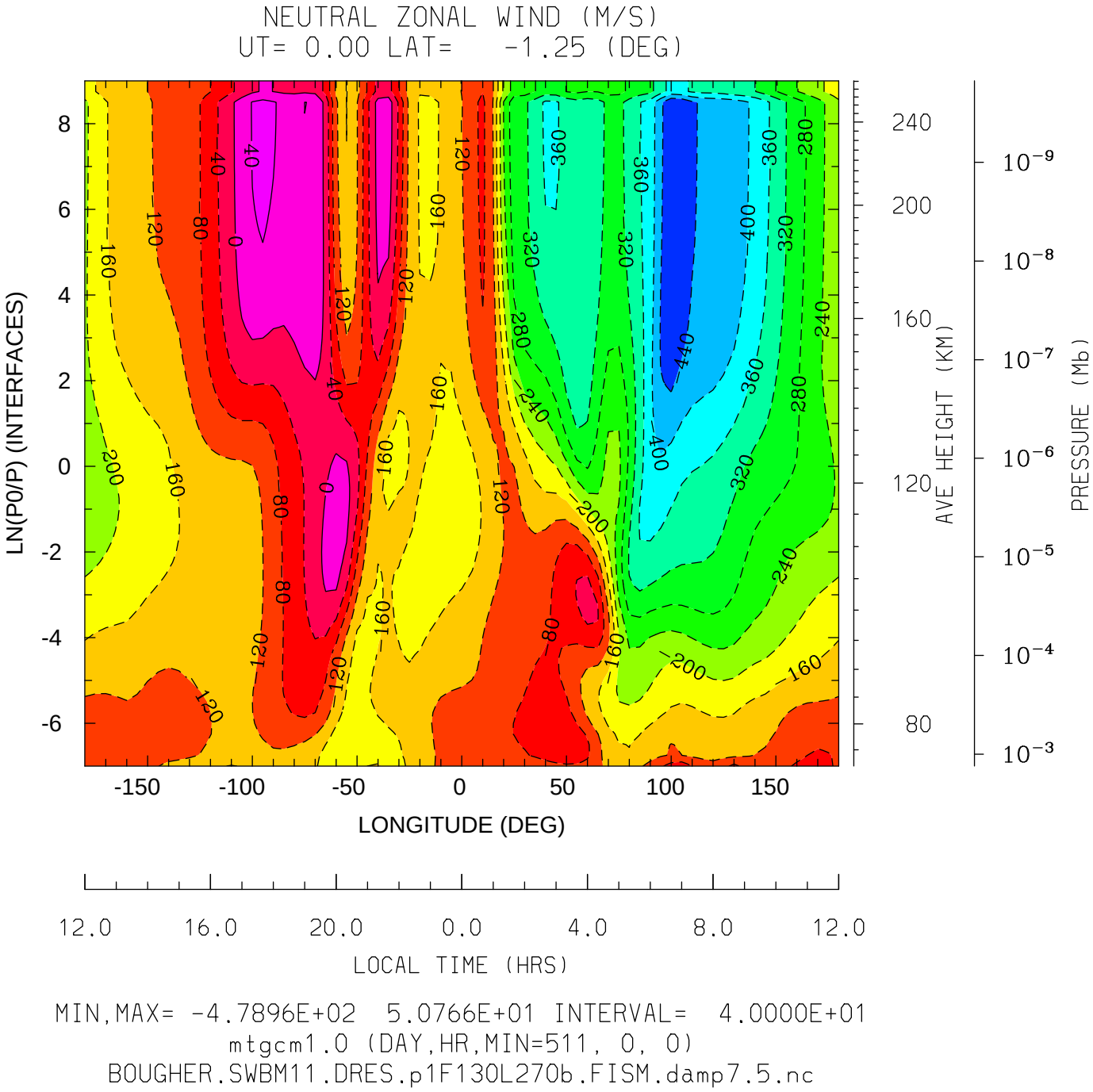
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

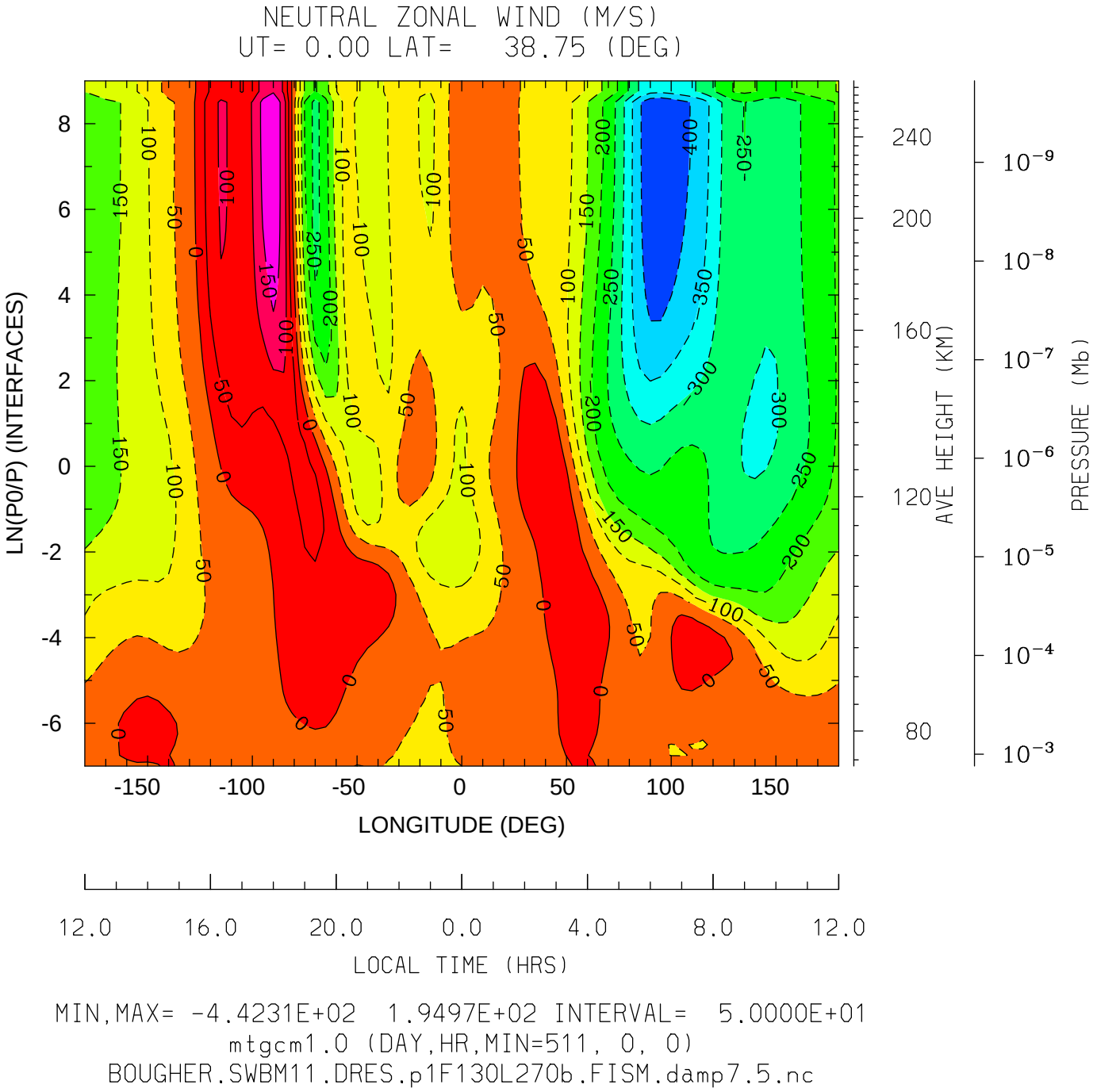

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 LAT= 38.75 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 1.0433E+02 2.9945E+02 INTERVAL= 1.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

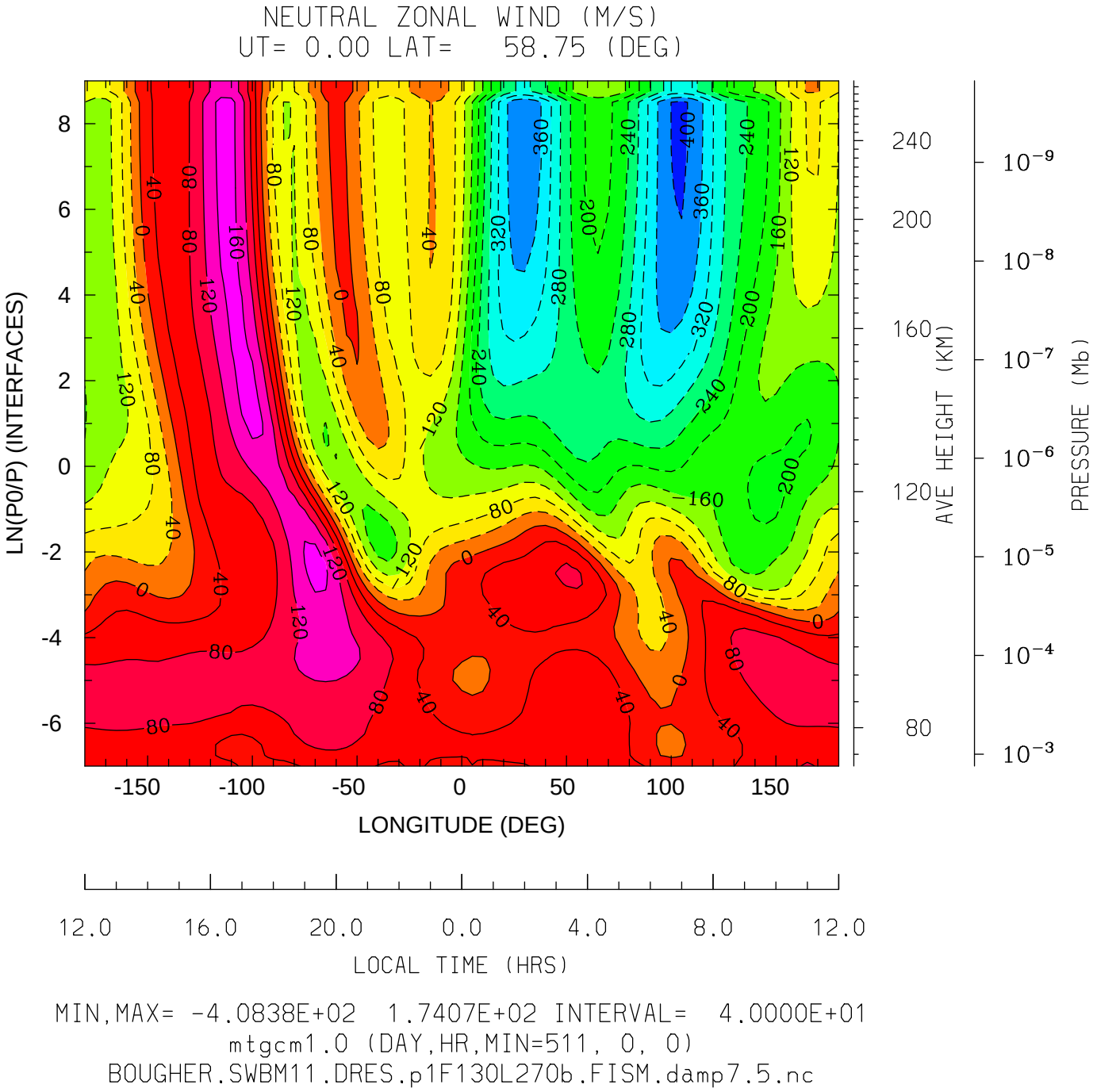

NEUTRAL TEMPERATURE (DEG K)
UT= 0.00 LAT= 58.75 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 9.1802E+01 3.1089E+02 INTERVAL= 1.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

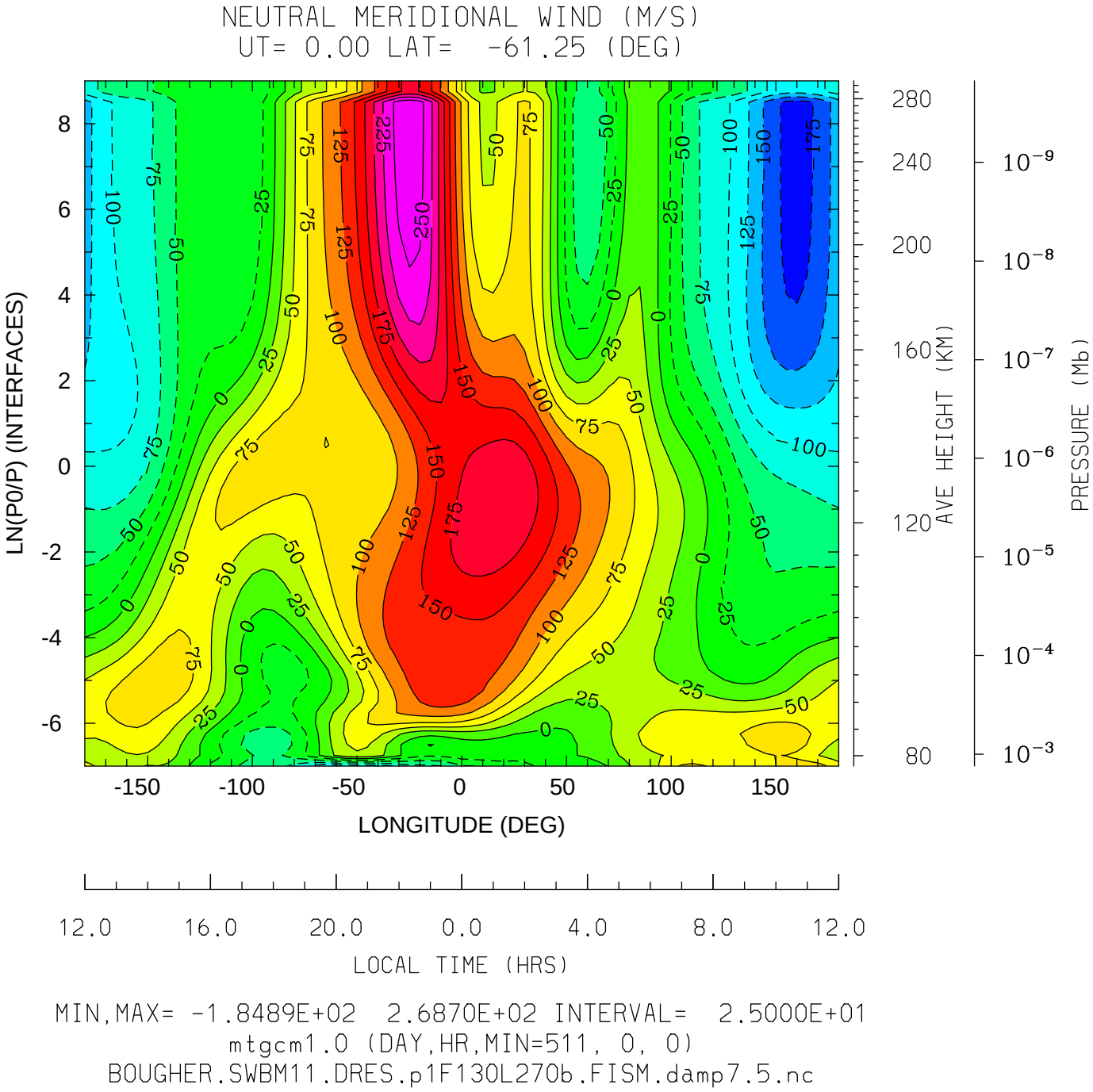

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 LAT= -61.25 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -3.7077E+02 1.5587E+02 INTERVAL= 4.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

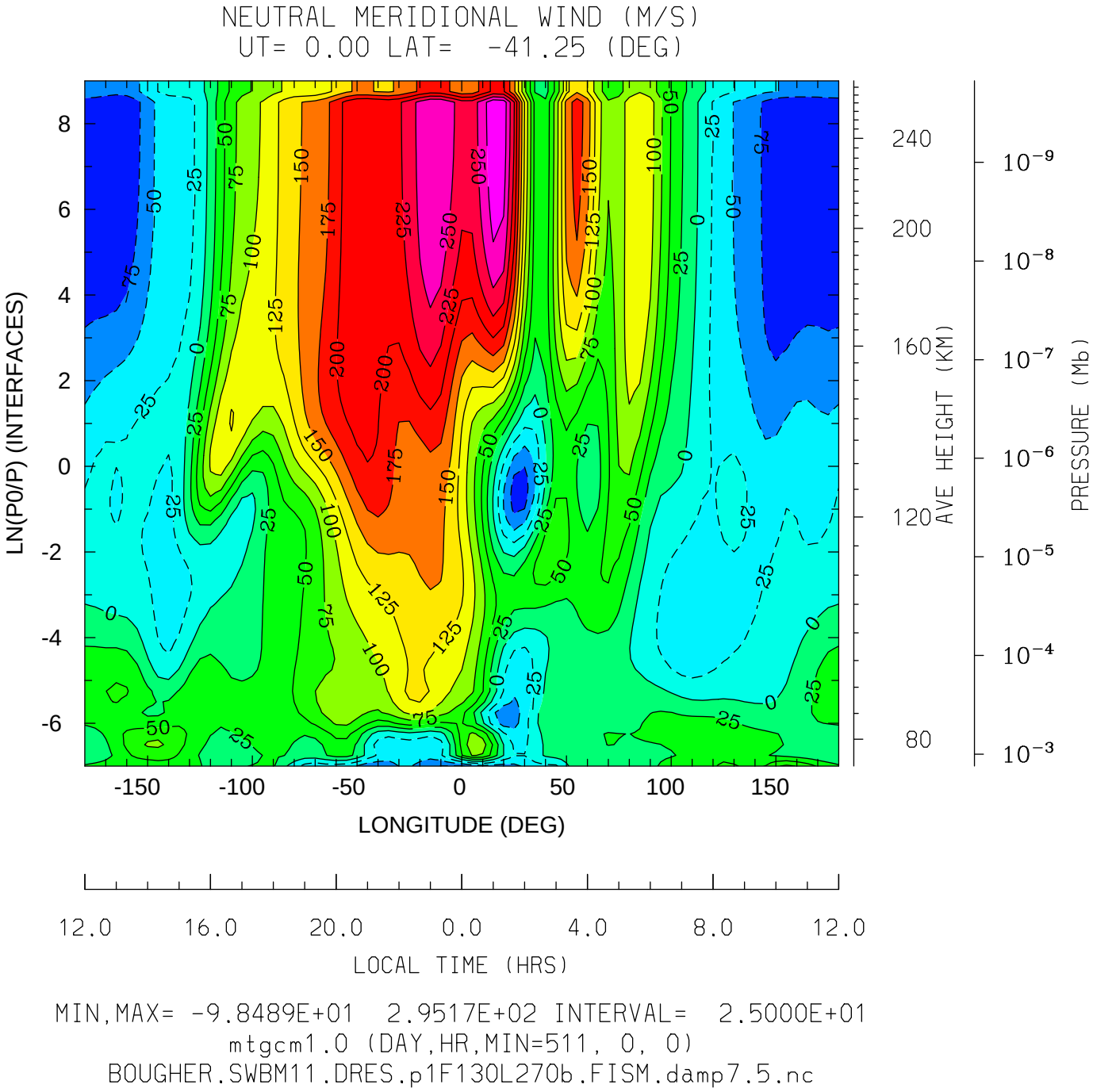

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 LAT= -41.25 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
LOCAL TIME (HRS)
MIN,MAX= -5.5931E+02 1.5573E+02 INTERVAL= 5.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

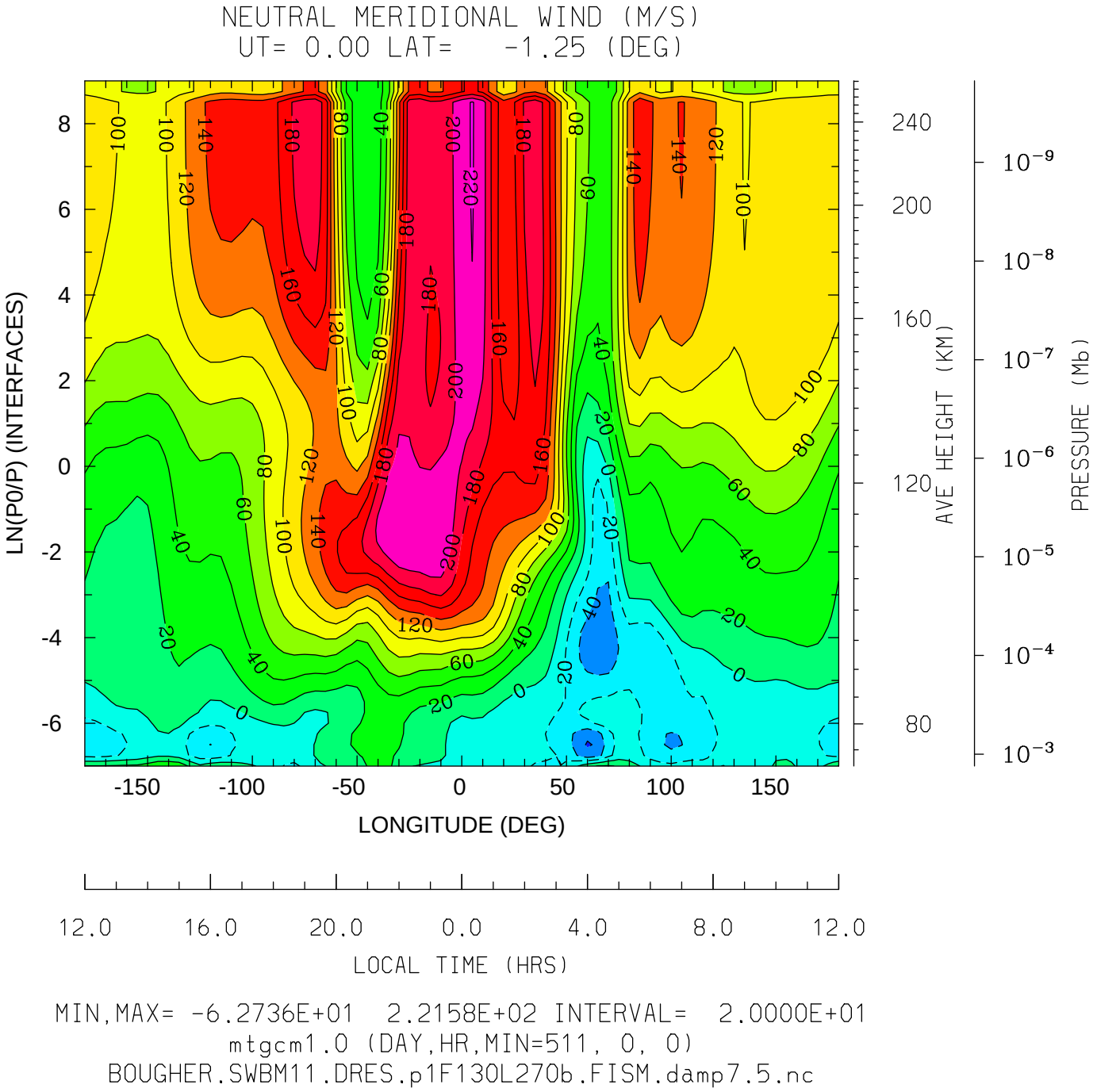

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 LAT= -1.25 (DEG)
LN(P0/P) (INTERFACES)
8
6
4
2
0
-2
-4
-6
-150
-100
-50
0
50
100
150
LONGITUDE (DEG)
240
200
160
120
80
AVE HEIGHT (KM)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
PRESSURE (Mb)
12.0
16.0
20.0
0.0
4.0
8.0
12.0
LOCAL TIME (HRS)
MIN,MAX= -4.7896E+02 5.0766E+01 INTERVAL= 4.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

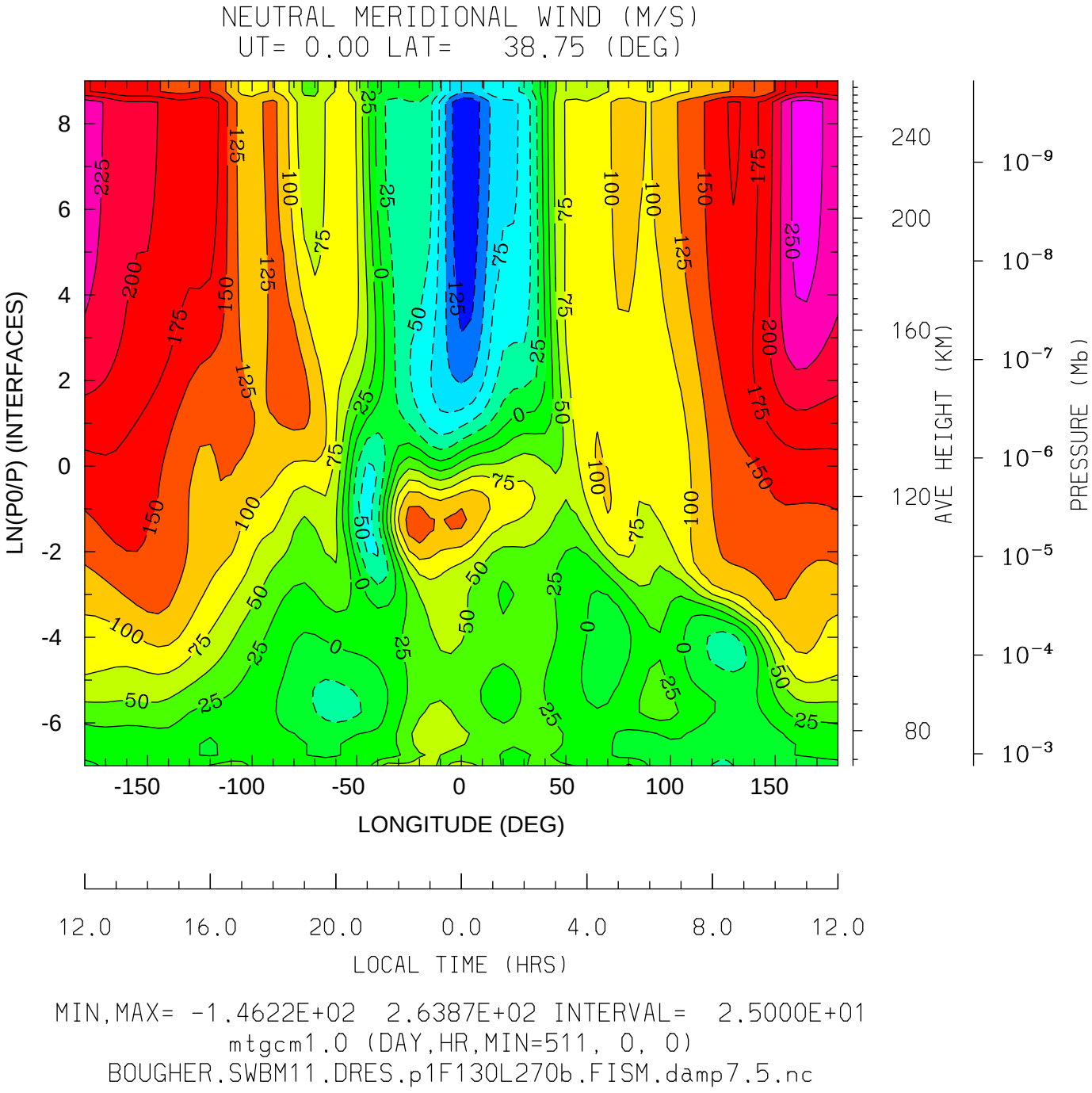

NEUTRAL ZONAL WIND (M/S)
UT= 0.00 LAT= 38.75 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -4.4231E+02 1.9497E+02 INTERVAL= 5.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


NEUTRAL ZONAL WIND (M/S)
UT= 0.00 LAT= 58.75 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -4.0838E+02 1.7407E+02 INTERVAL= 4.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 LAT= -61.25 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.8489E+02 2.6870E+02 INTERVAL= 2.5000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 LAT= -41.25 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -9.8489E+01 2.9517E+02 INTERVAL= 2.5000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

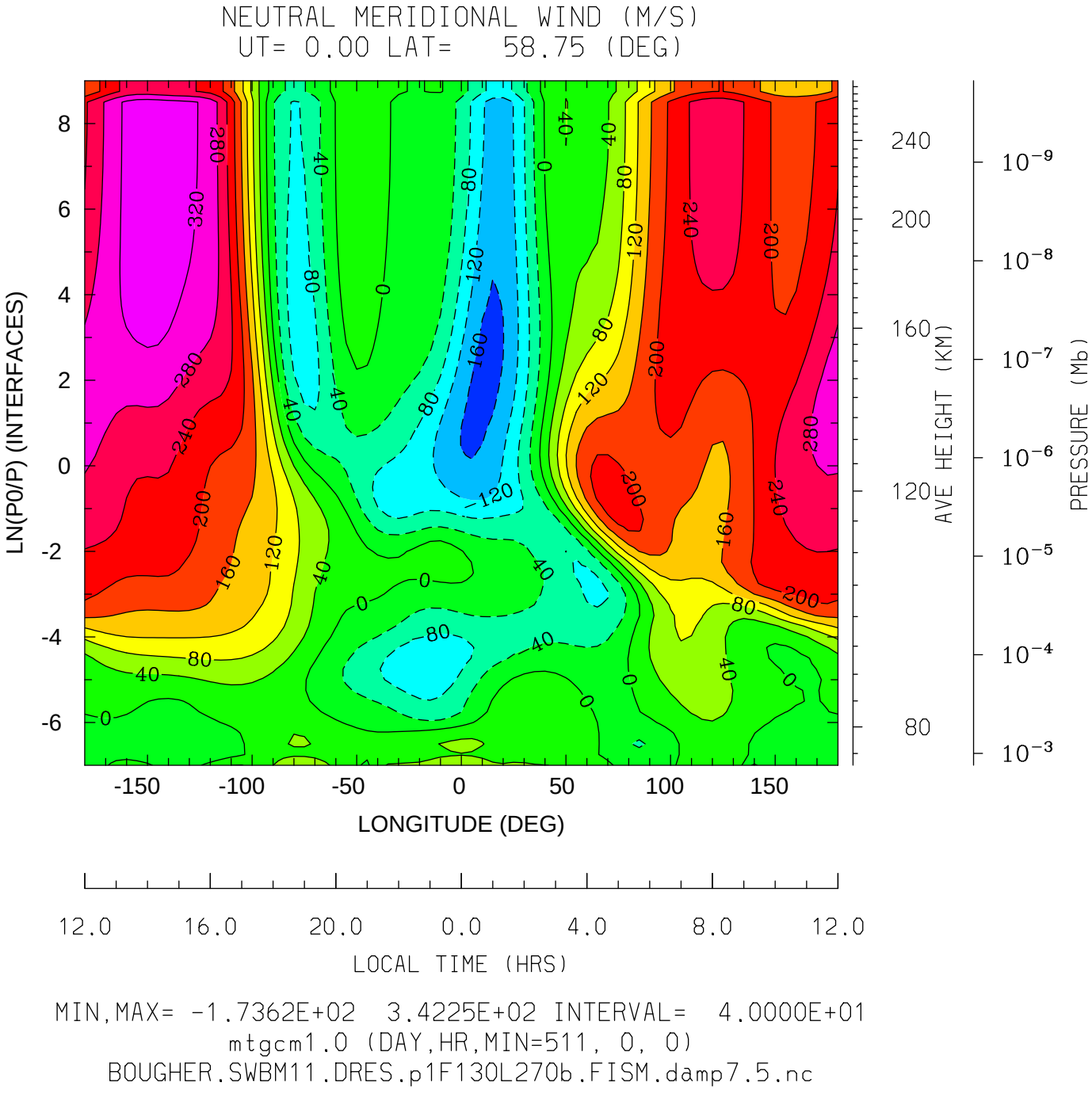

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 LAT= -1.25 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -6.2736E+01 2.2158E+02 INTERVAL= 2.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

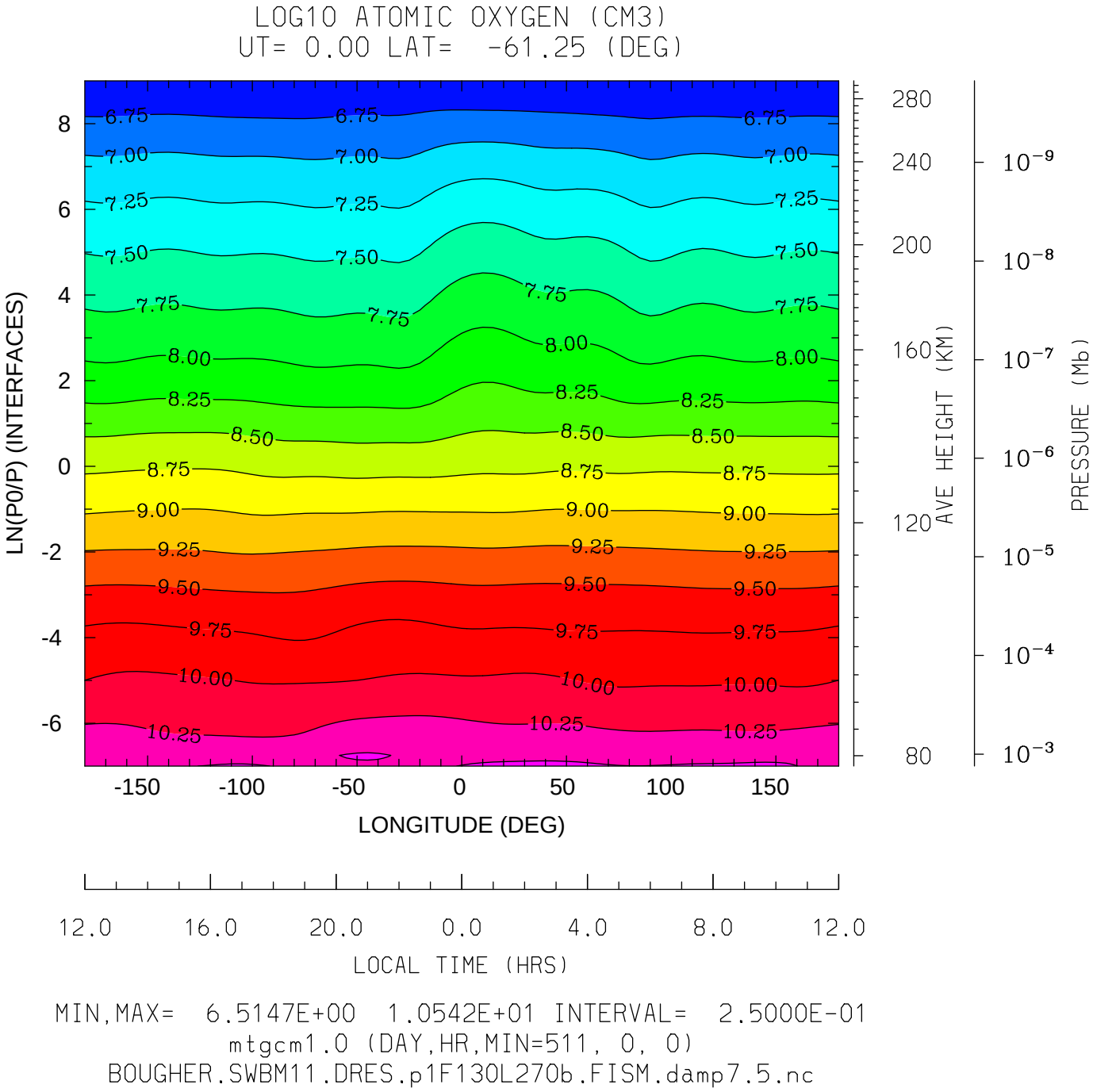


MIN,MAX= -1.4622E+02 2.6387E+02 INTERVAL= 2.5000E+01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

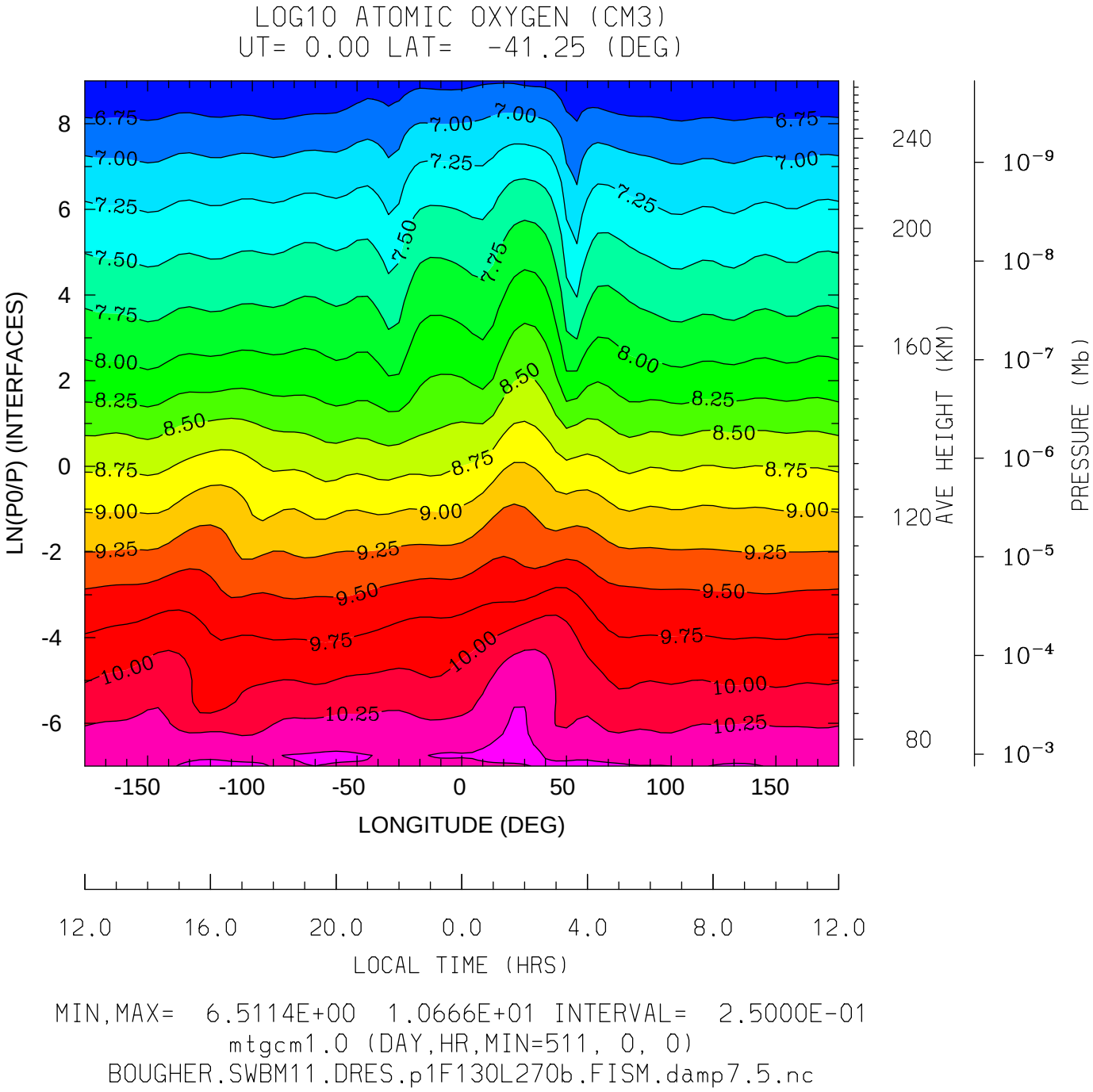

NEUTRAL MERIDIONAL WIND (M/S)
UT= 0.00 LAT= 58.75 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.7362E+02 3.4225E+02 INTERVAL= 4.0000E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 6.5147E+00 1.0542E+01 INTERVAL= 2.5000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

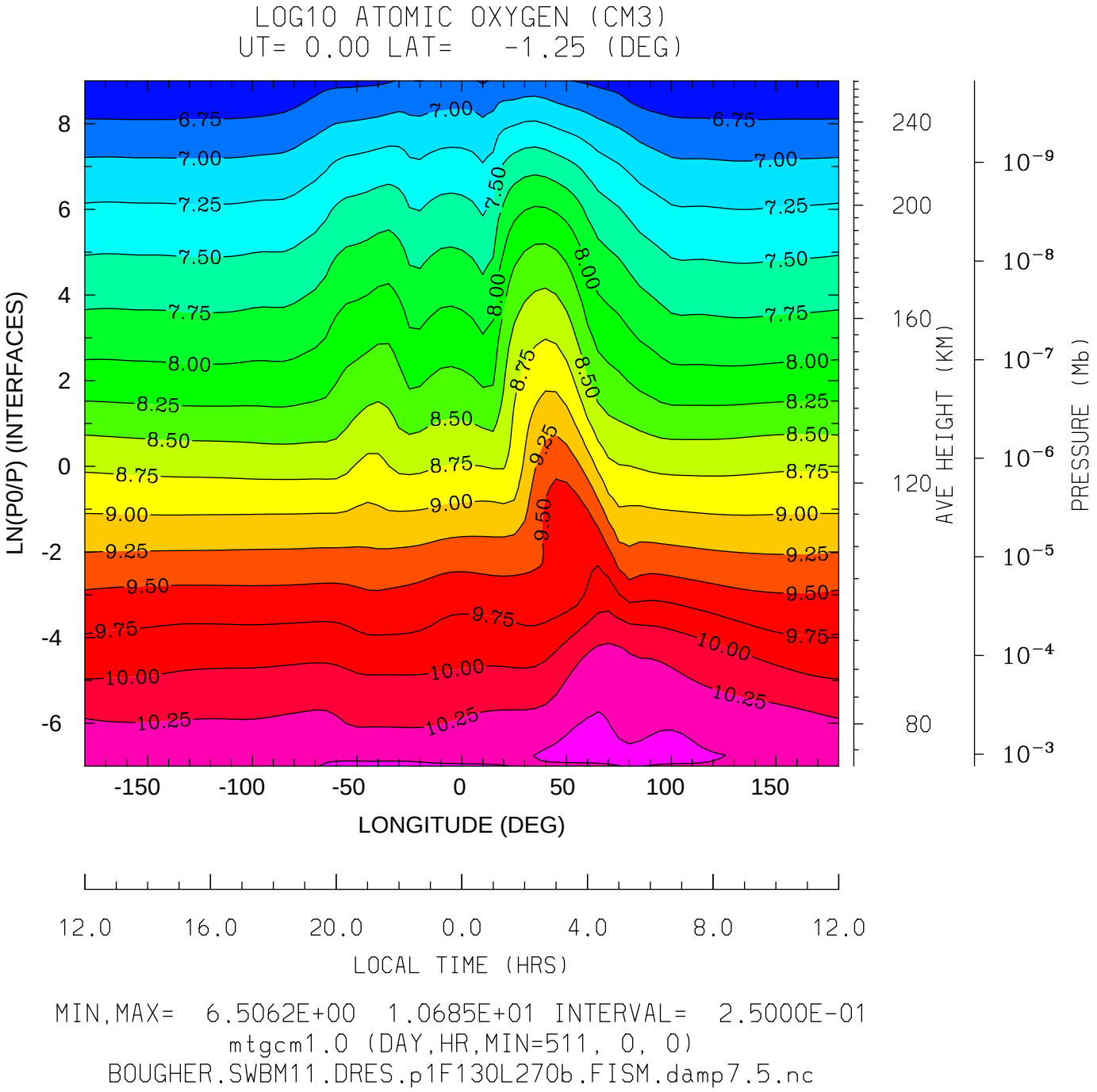
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 6.5114E+00 1.0666E+01 INTERVAL= 2.5000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

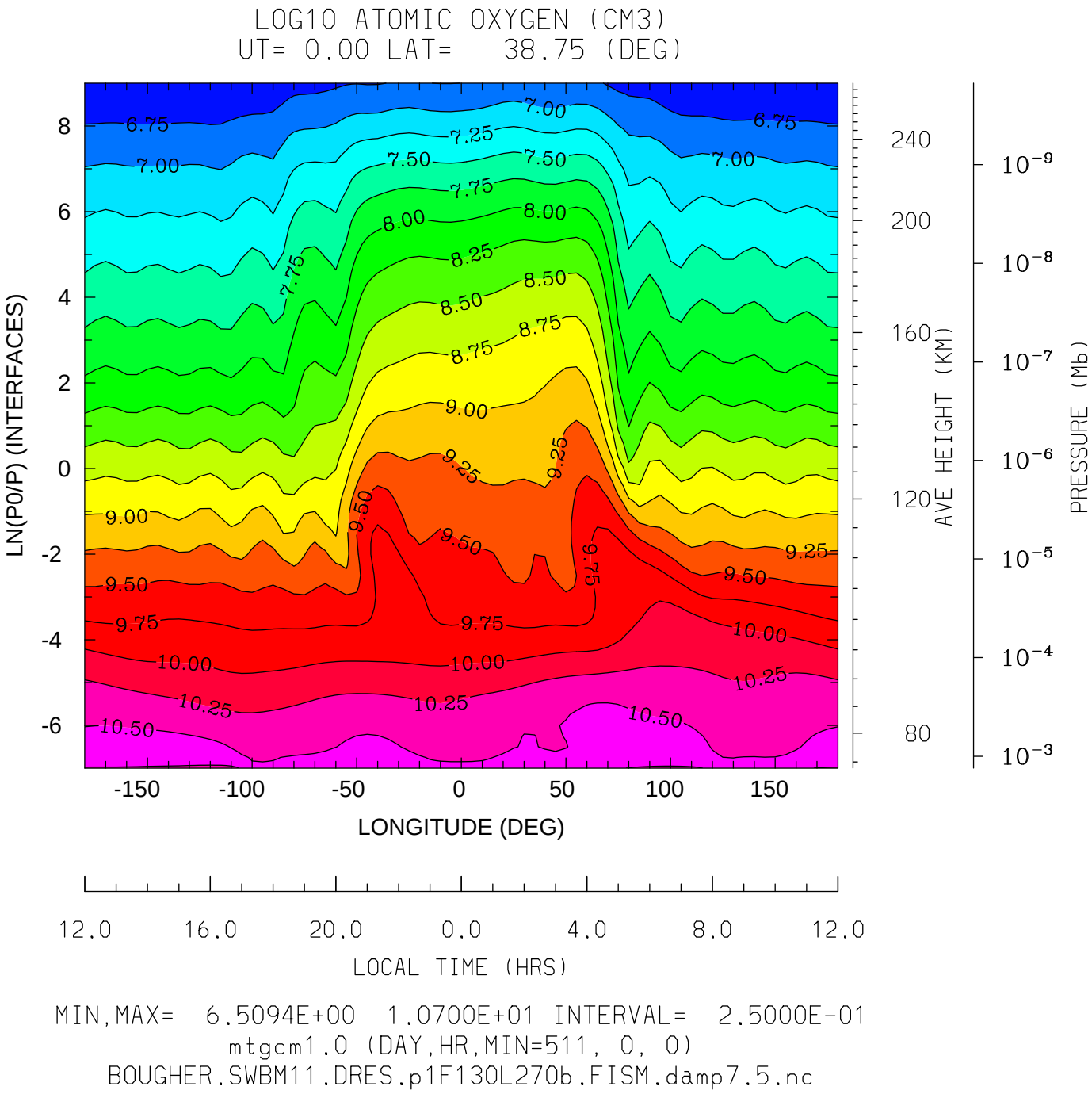
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 6.5062E+00 1.0685E+01 INTERVAL= 2.5000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

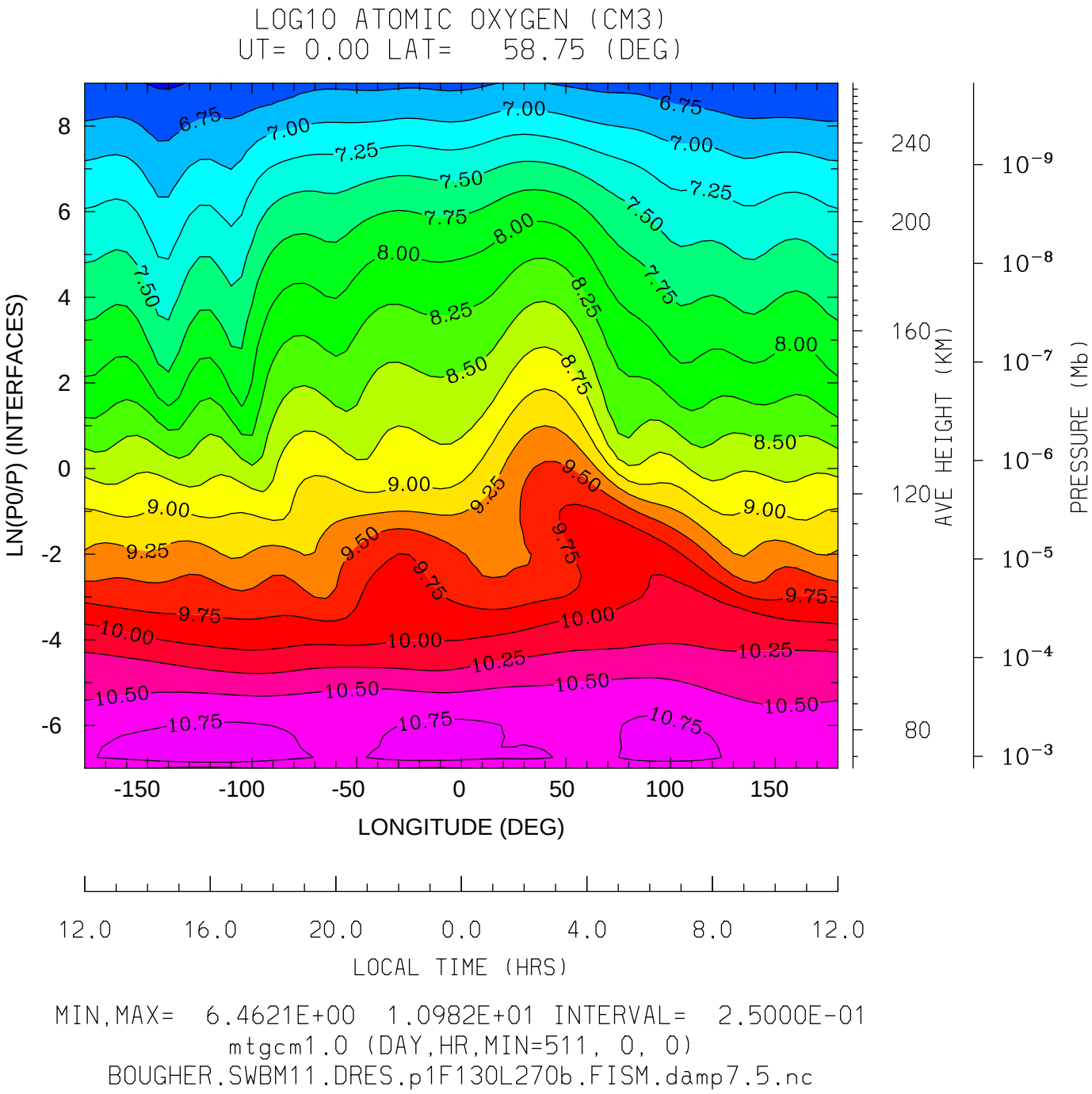
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

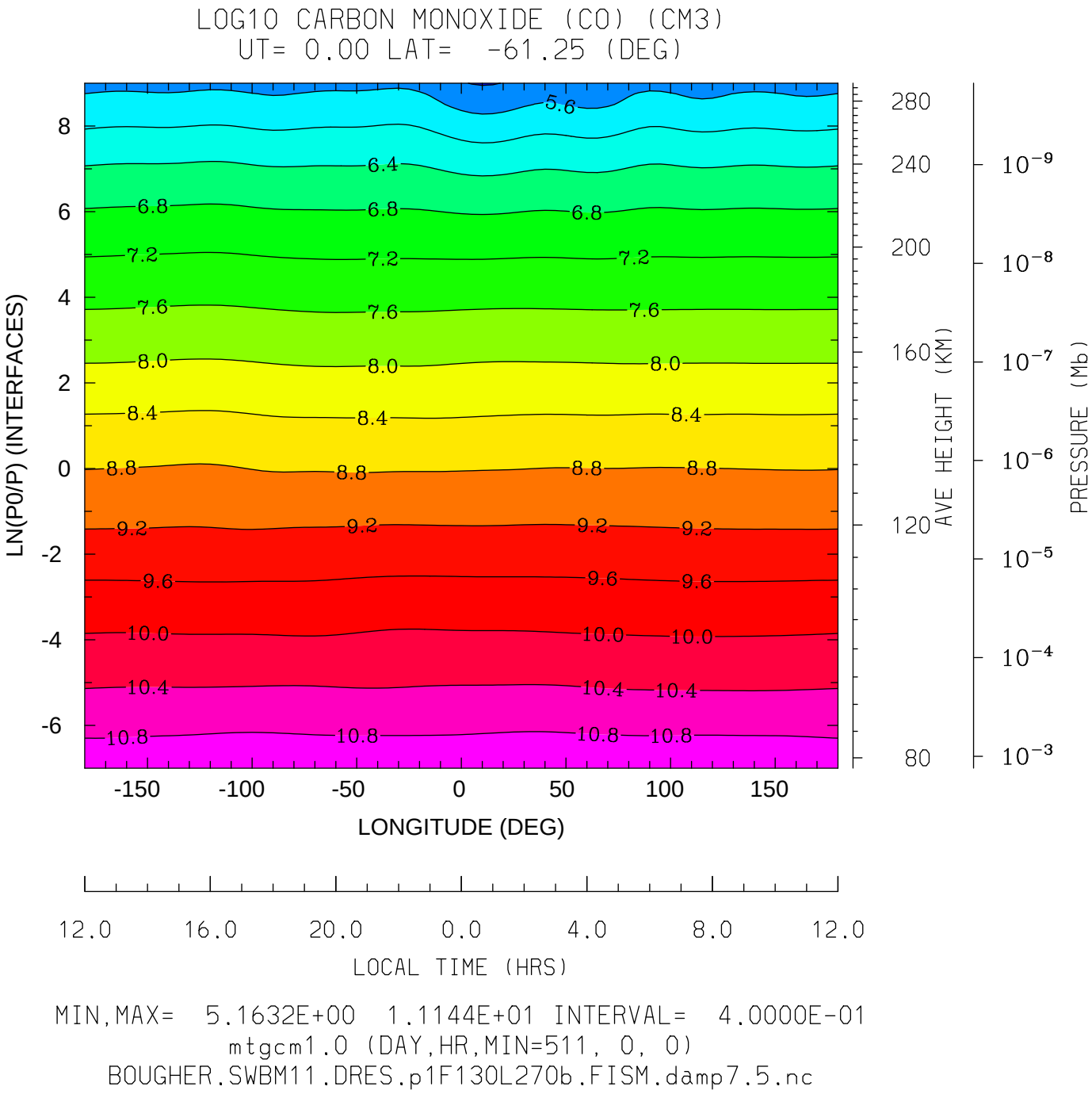


MIN,MAX= 6.5094E+00 1.0700E+01 INTERVAL= 2.5000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

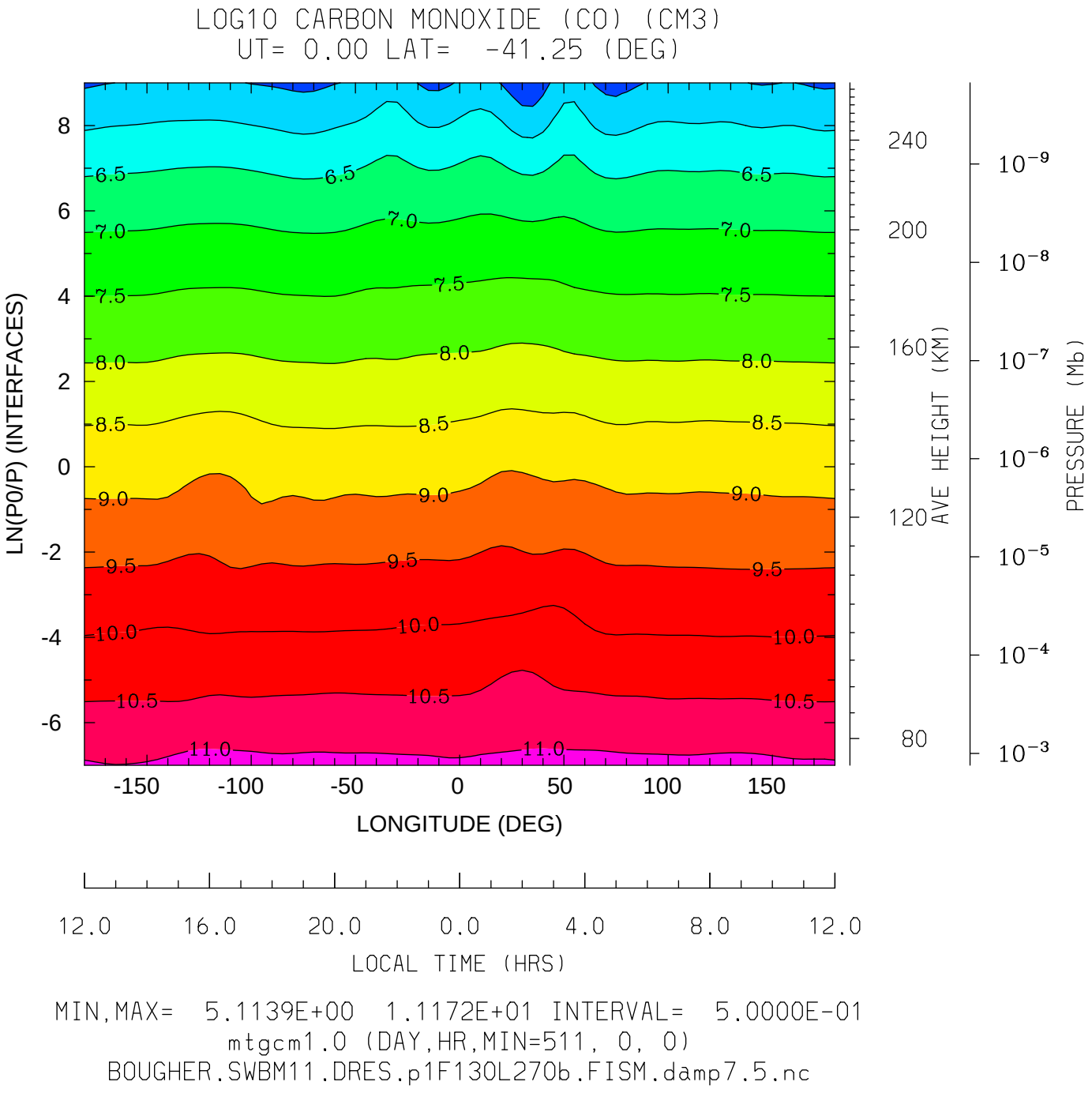

LOG10 ATOMIC OXYGEN (CM3)
UT= 0.00 LAT= 58.75 (DEG)
LN(P0/P) (INTERFACES)
8
6
4
2
0
-2
-4
-6
-150
-100
-50
0
50
100
150
LONGITUDE (DEG)
240
200
160
120
80
AVE HEIGHT (KM)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
PRESSURE (Mb)
12.0
16.0
20.0
0.0
4.0
8.0
12.0
LOCAL TIME (HRS)
MIN,MAX= 6.4621E+00 1.0982E+01 INTERVAL= 2.5000E-01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 5.1632E+00 1.1144E+01 INTERVAL= 4.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

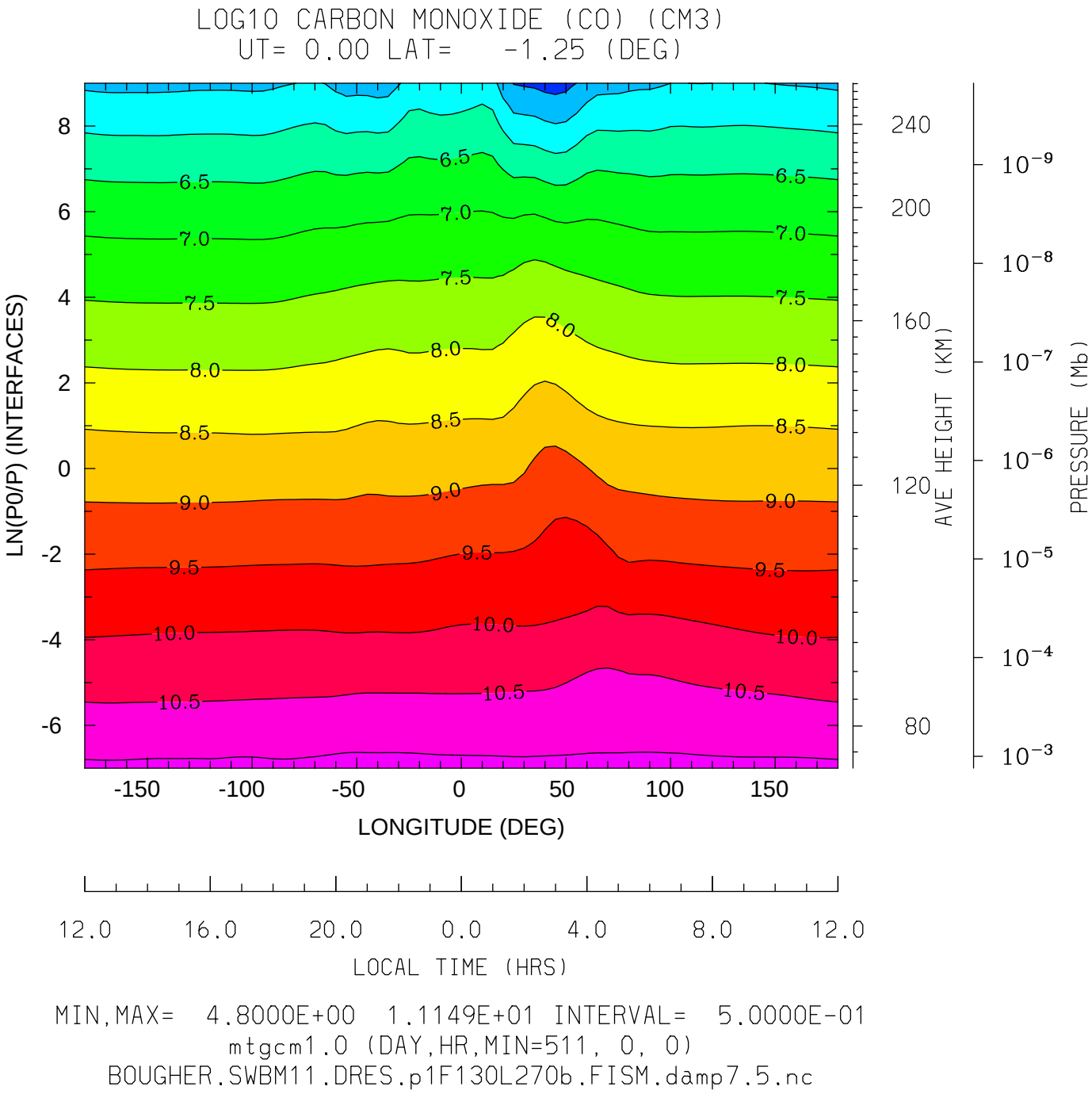
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 5.1139E+00 1.1172E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

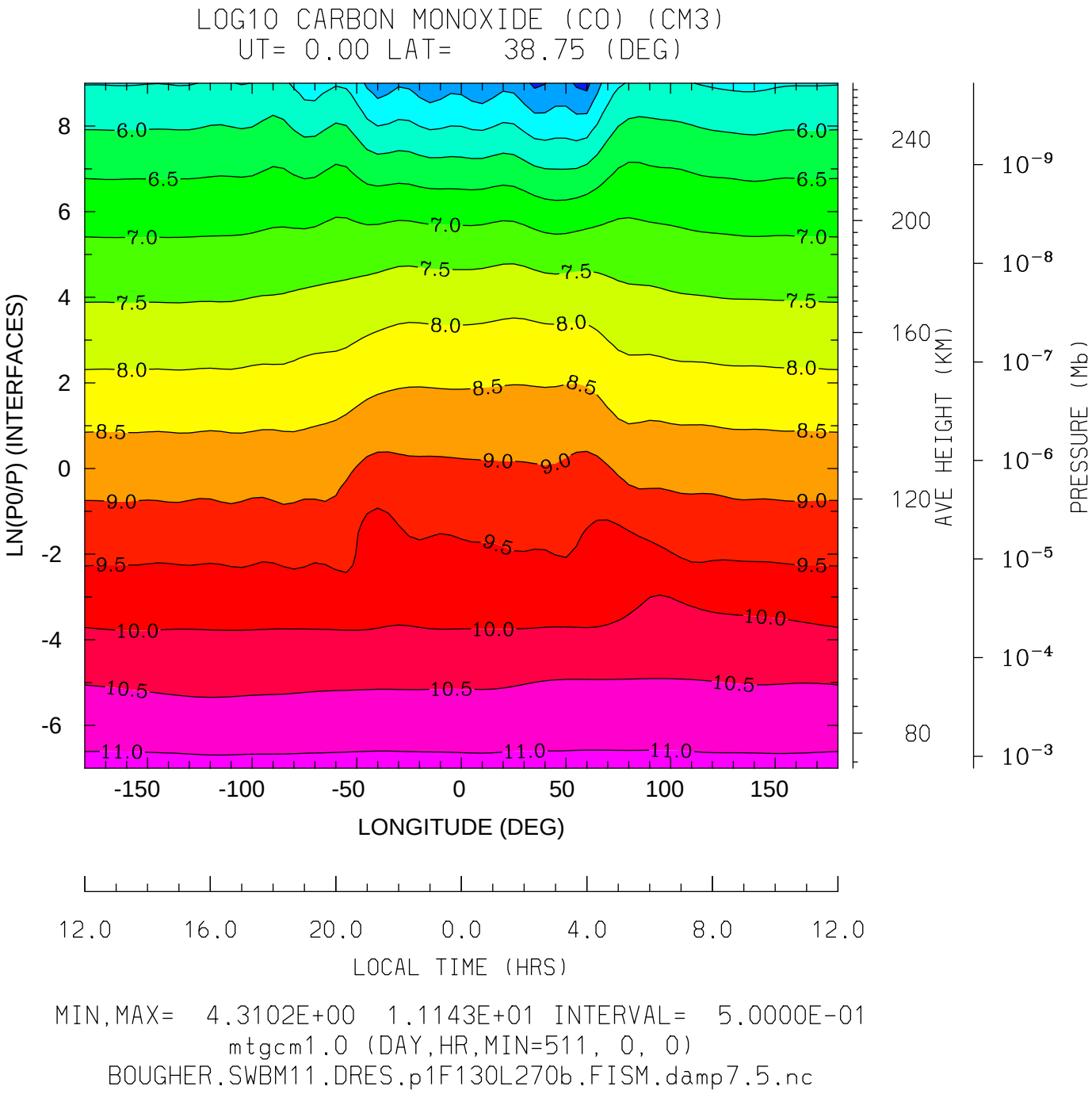
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 4.8000E+00 1.1149E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

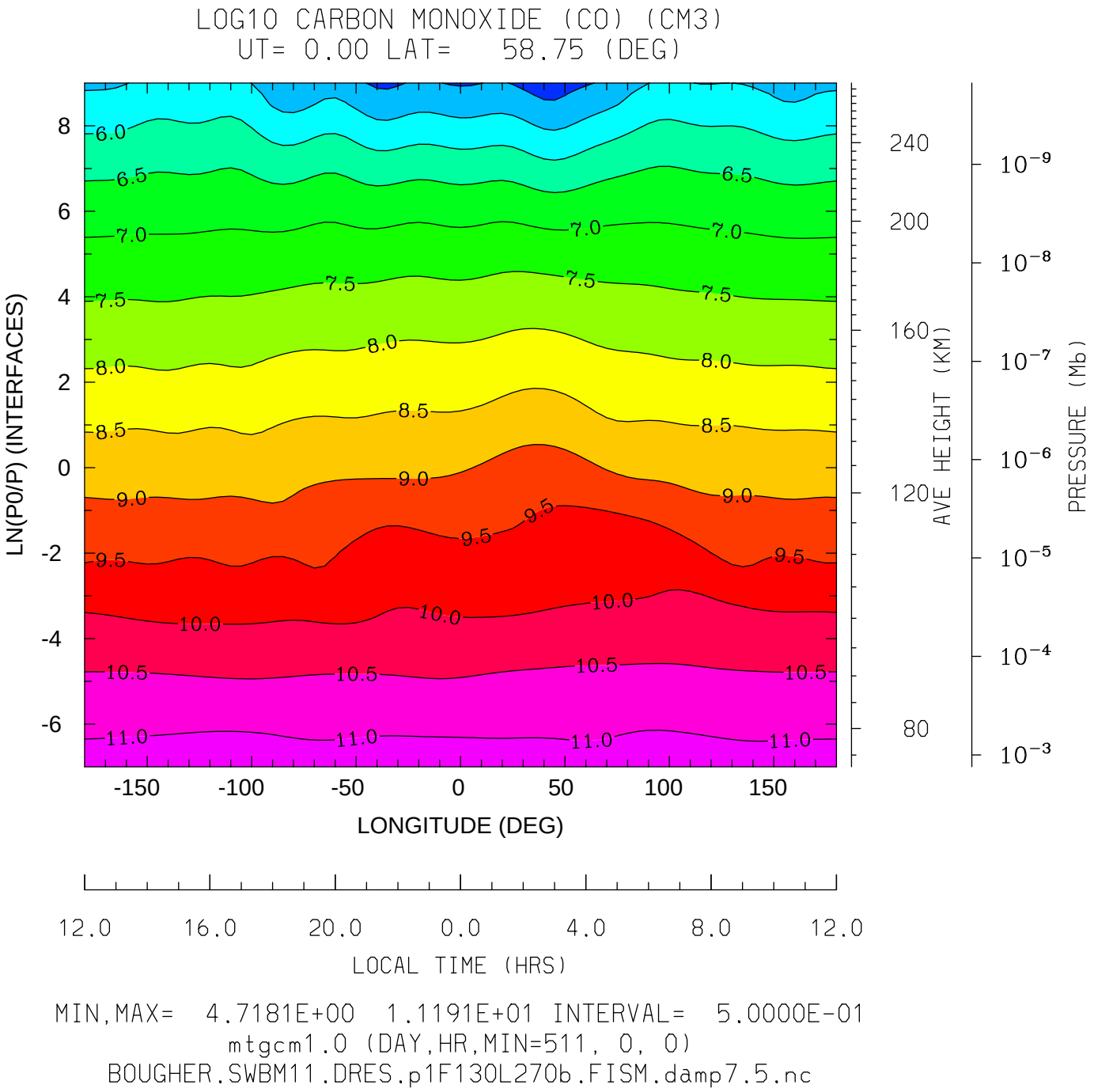
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 4.3102E+00 1.1143E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

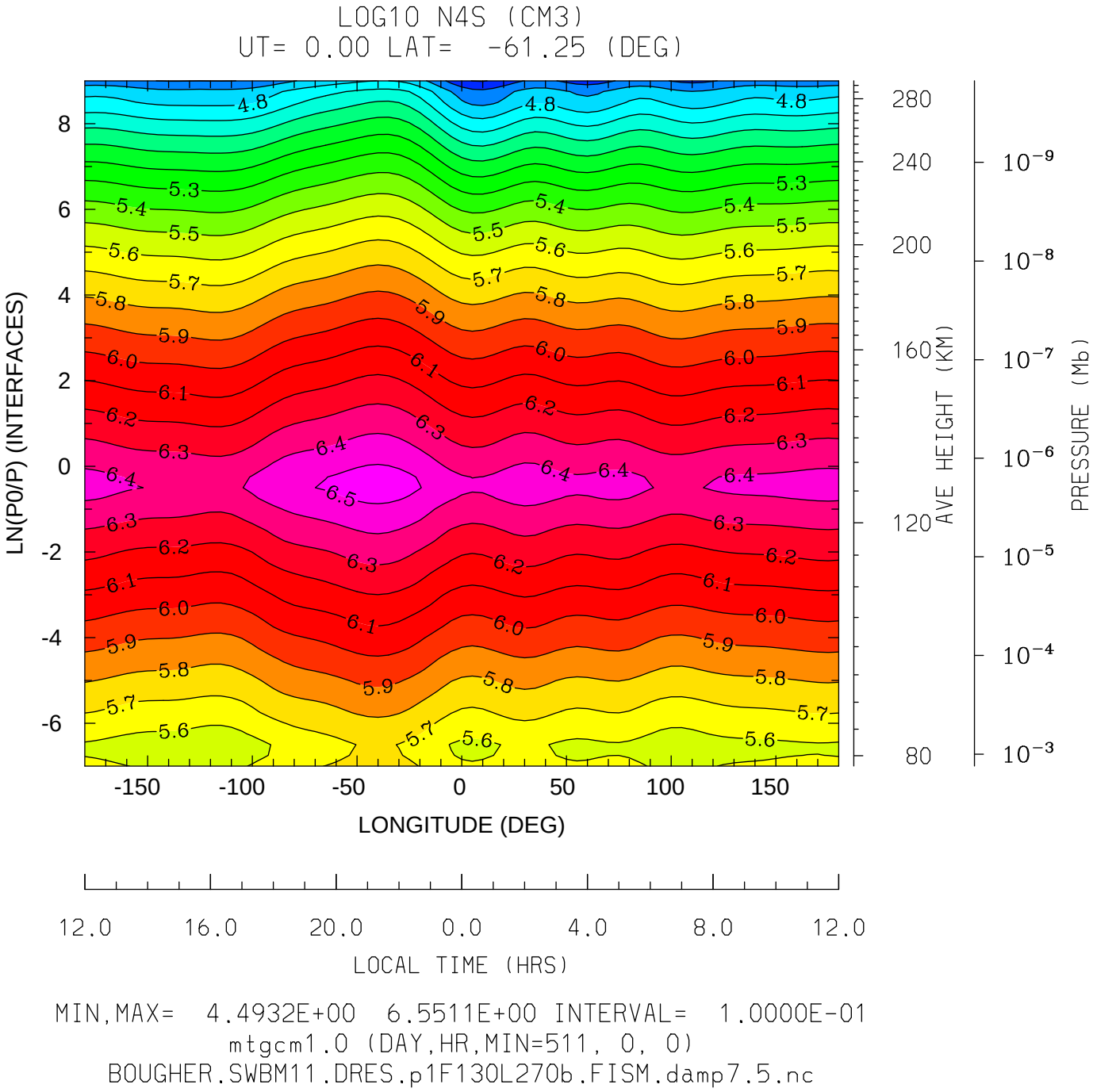
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 4.7181E+00 1.1191E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

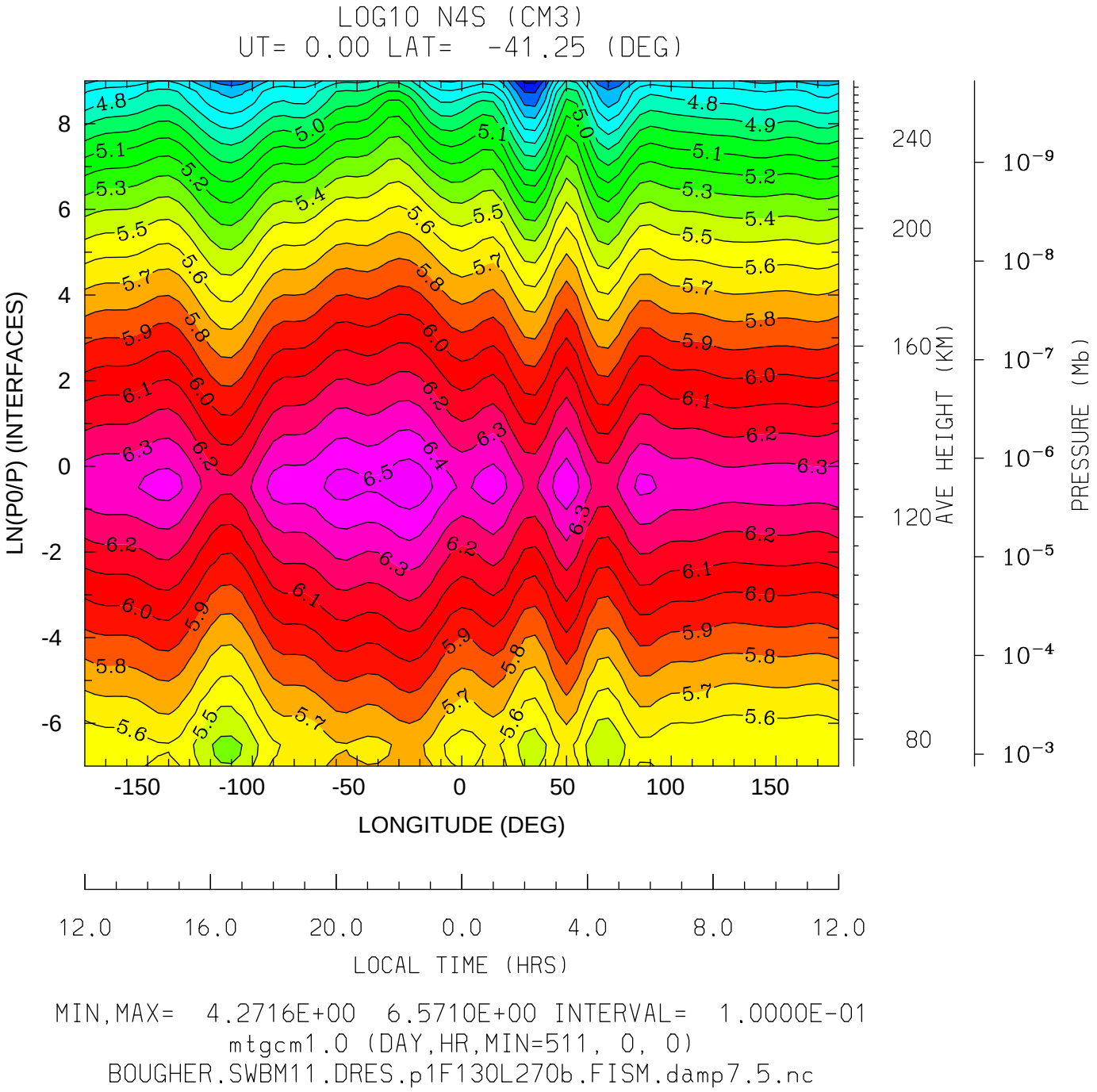
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 4.4932E+00 6.5511E+00 INTERVAL= 1.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

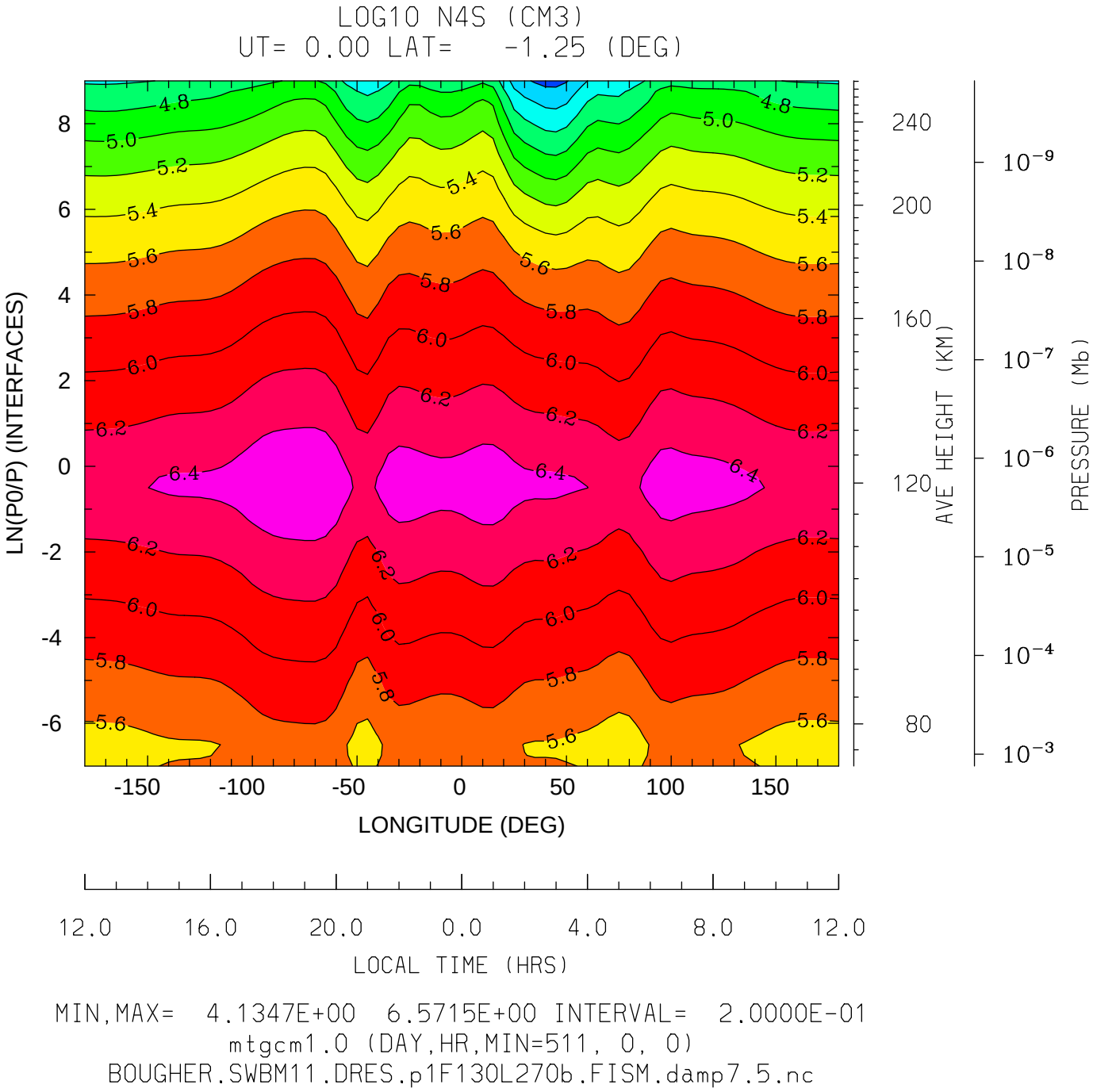
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 4.2716E+00 6.5710E+00 INTERVAL= 1.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

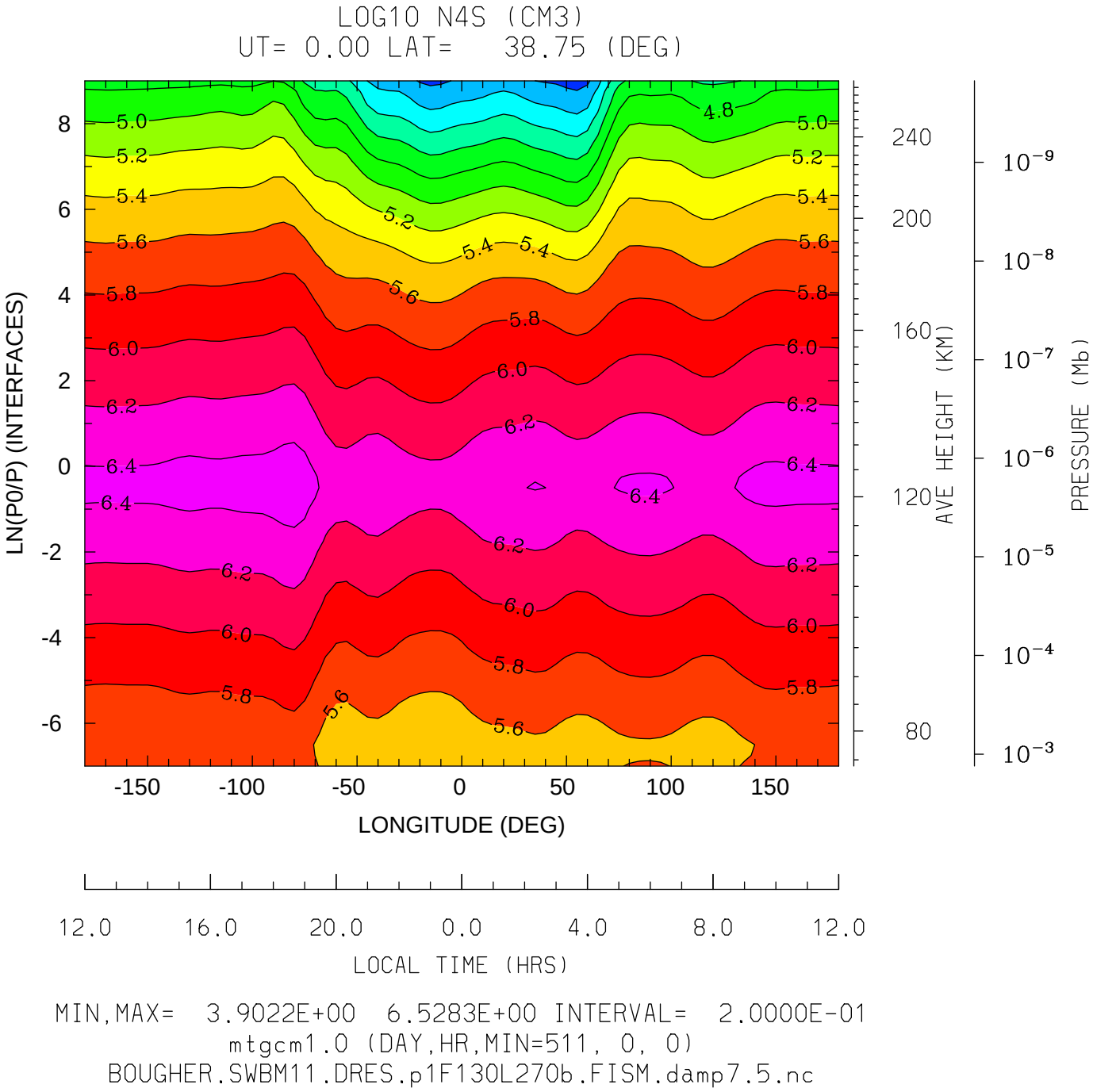
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 4.1347E+00 6.5715E+00 INTERVAL= 2.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

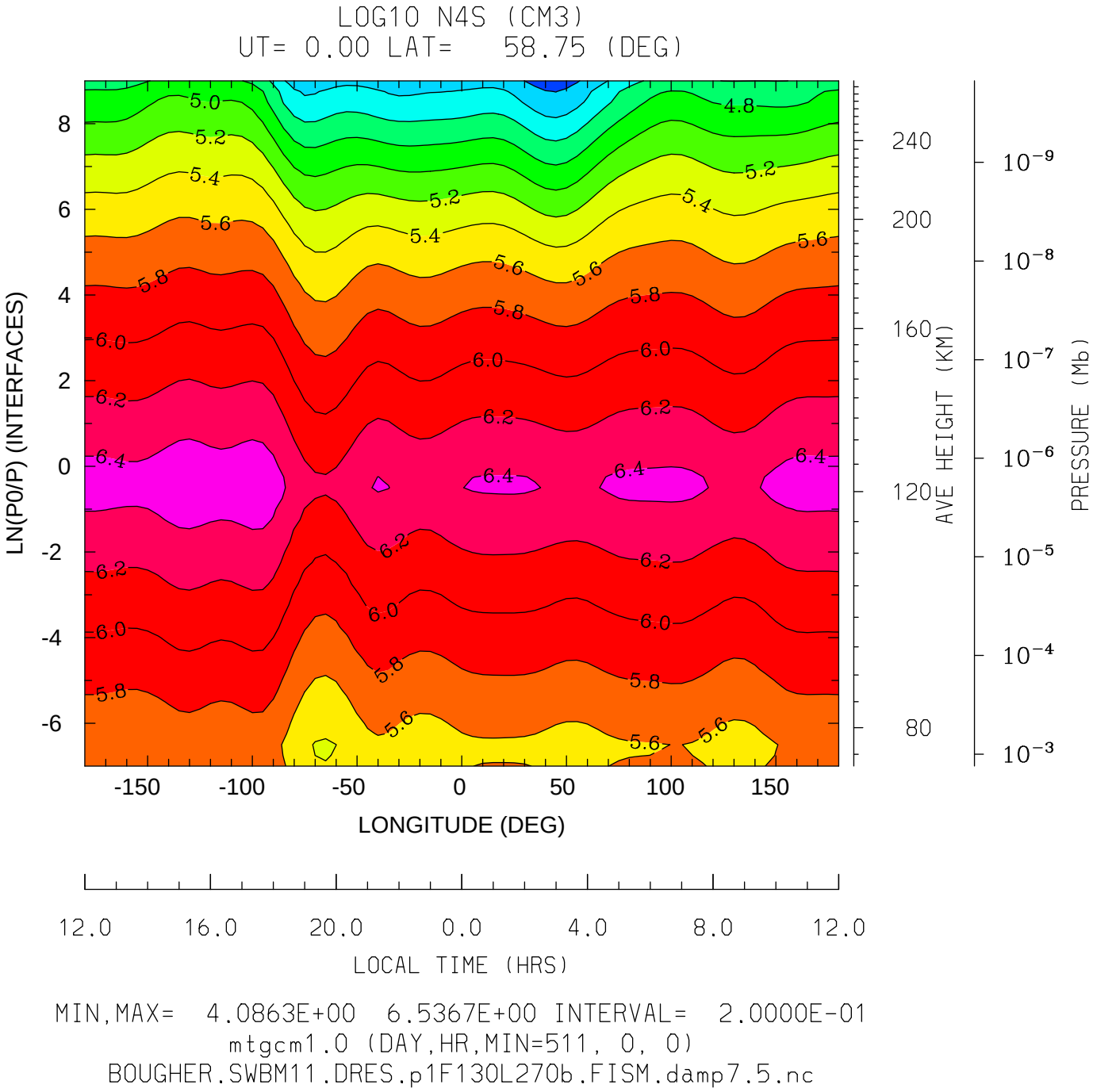
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

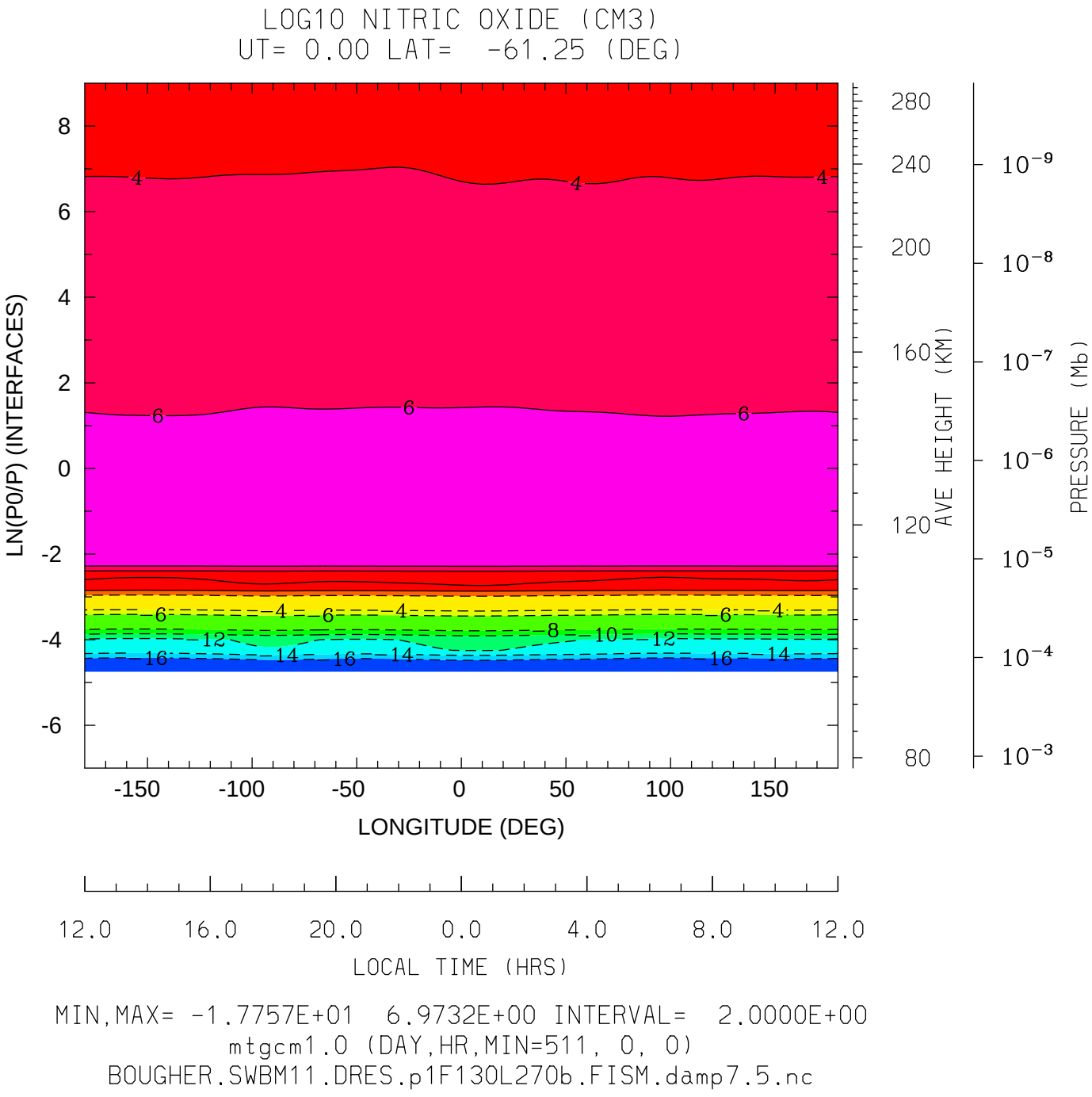


MIN,MAX= 3.9022E+00 6.5283E+00 INTERVAL= 2.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

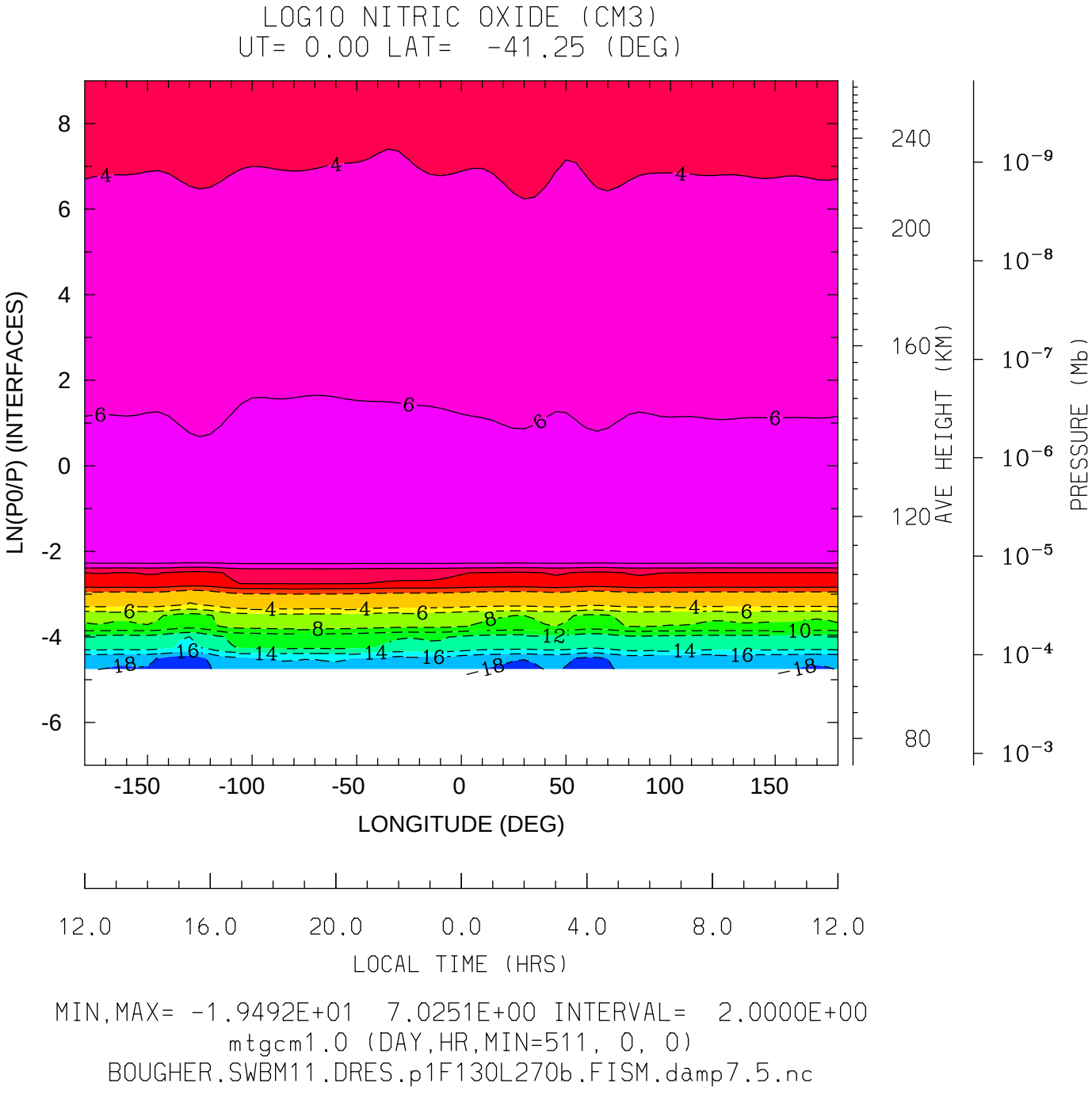

LOG10 N4S (CM3)
UT= 0.00 LAT= 58.75 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
AVE HEIGHT (KM)
PRESSURE (Mb)
LOCAL TIME (HRS)
MIN,MAX= 4.0863E+00 6.5367E+00 INTERVAL= 2.0000E-01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= -1.7757E+01 6.9732E+00 INTERVAL= 2.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

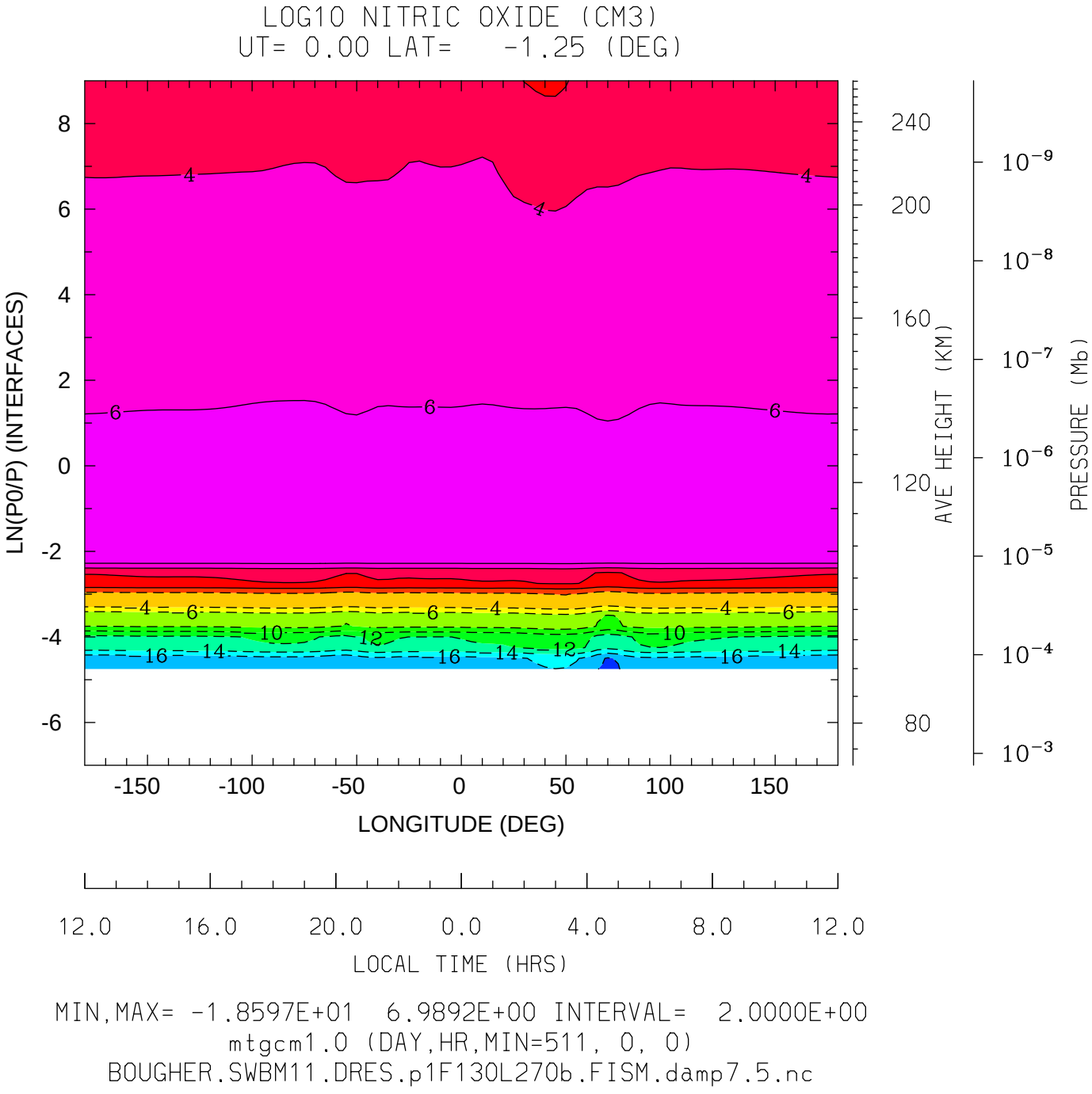
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= -1.9492E+01 7.0251E+00 INTERVAL= 2.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

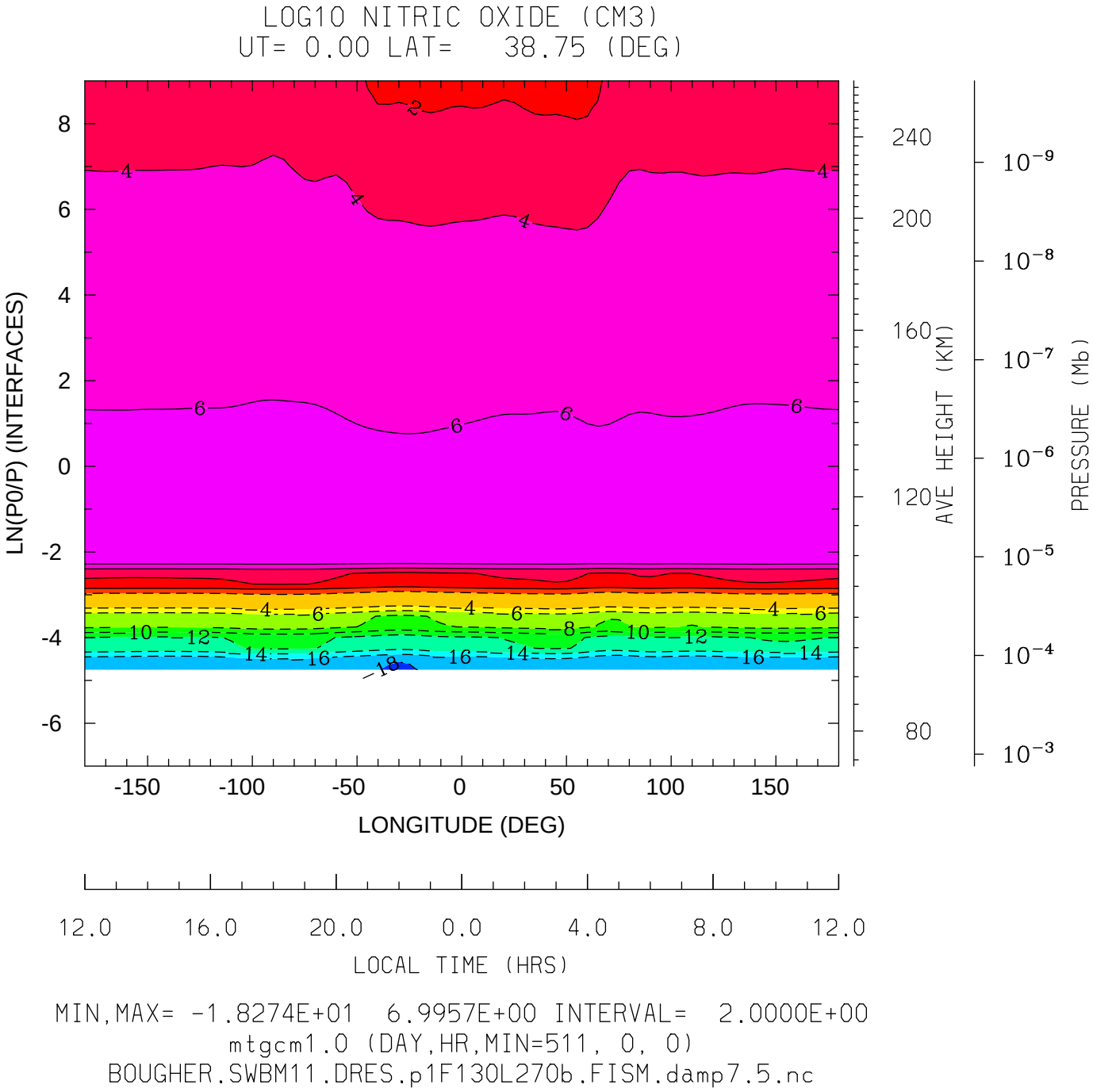
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= -1.8597E+01 6.9892E+00 INTERVAL= 2.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

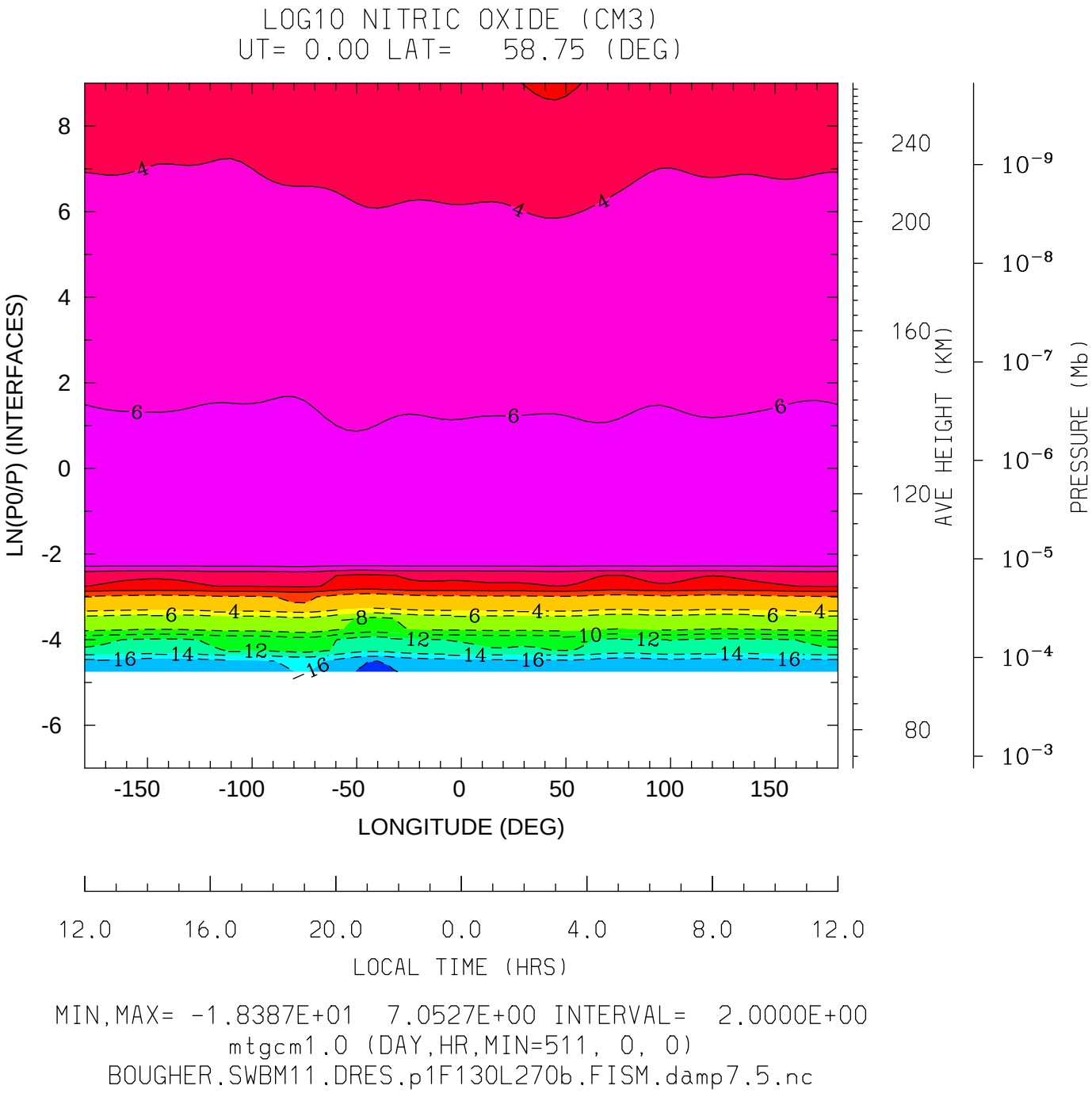
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= -1.8274E+01 6.9957E+00 INTERVAL= 2.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

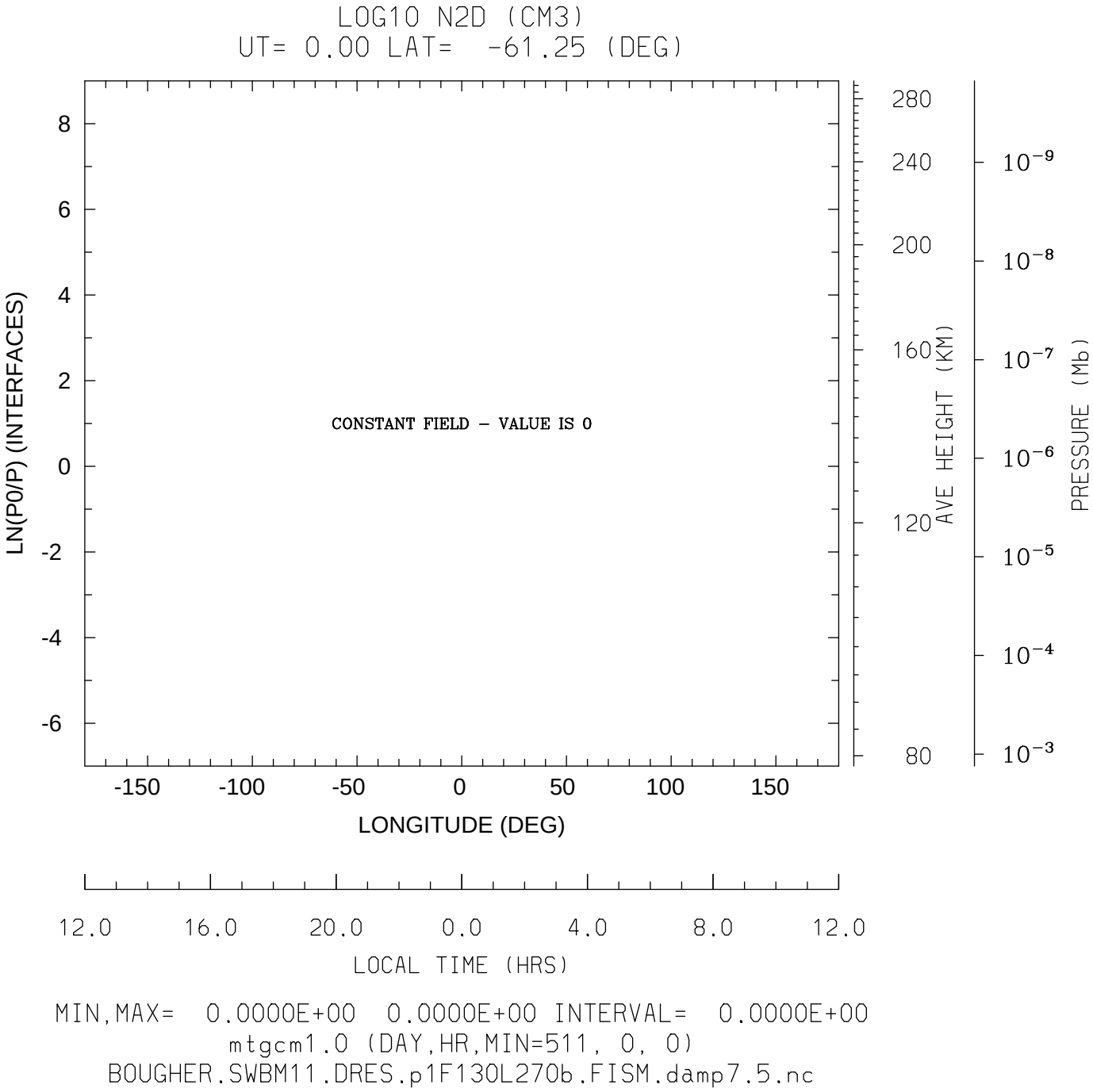
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= -1.8387E+01 7.0527E+00 INTERVAL= 2.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

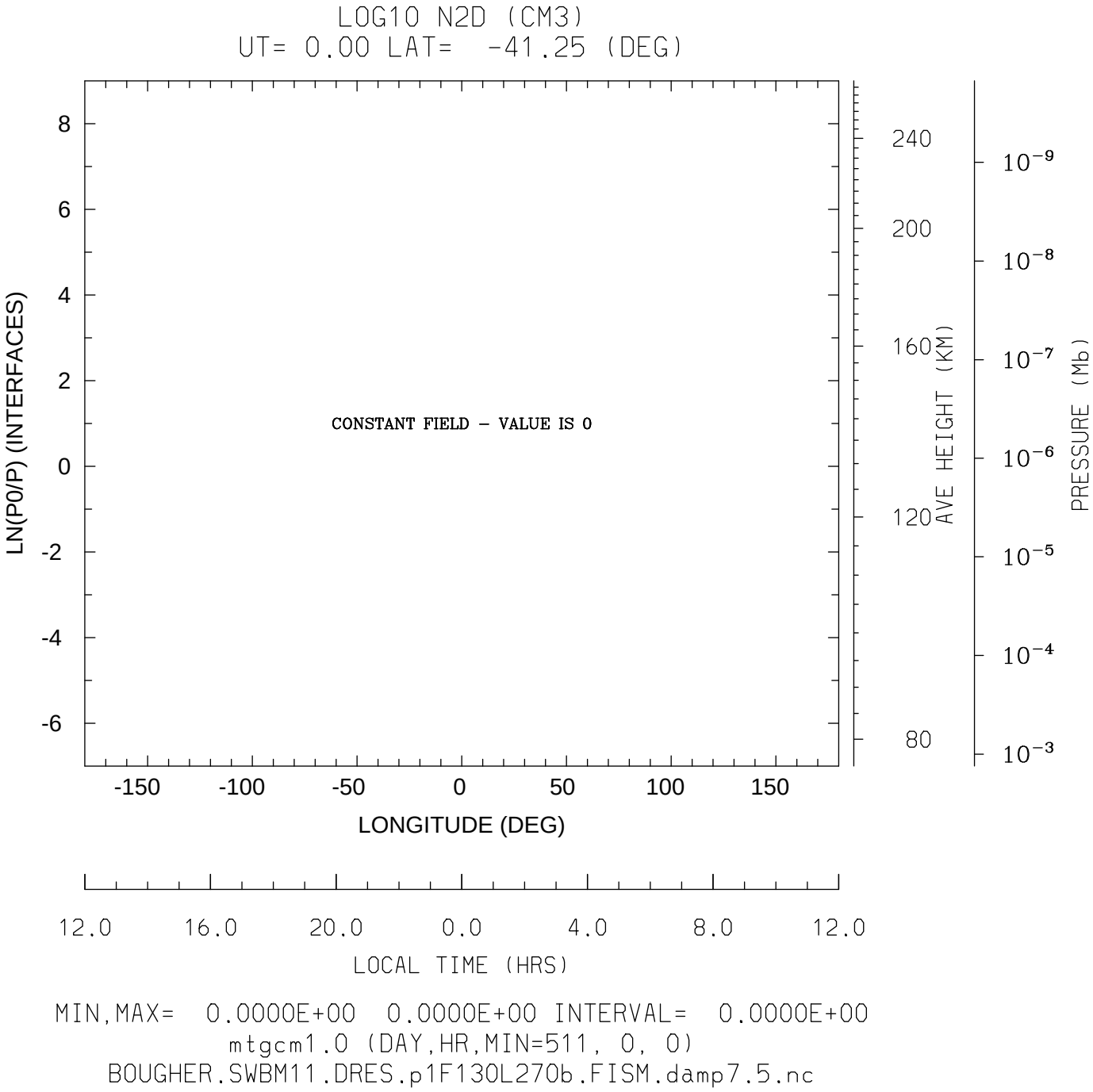
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 0.0000E+00 0.0000E+00 INTERVAL= 0.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

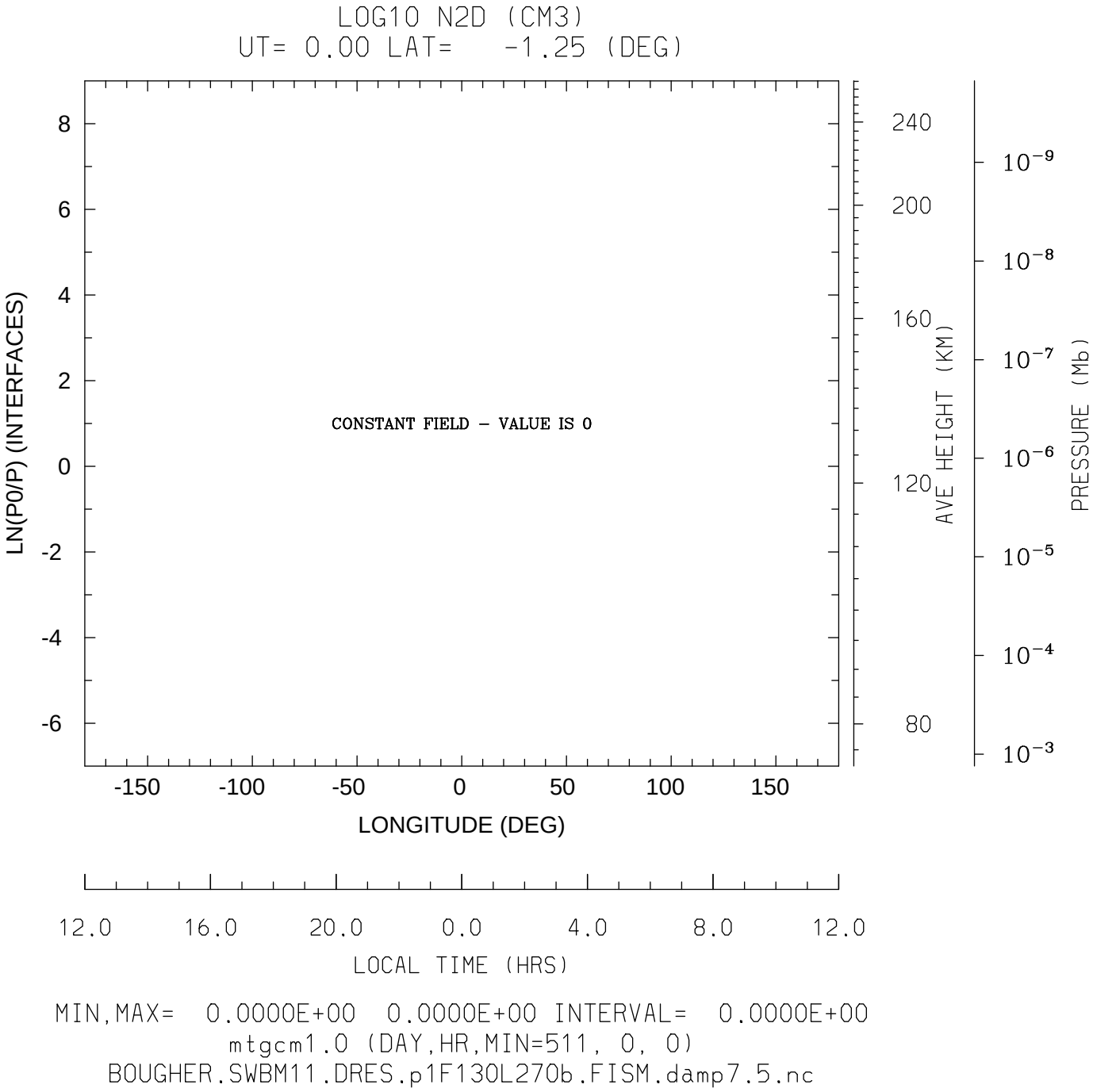
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

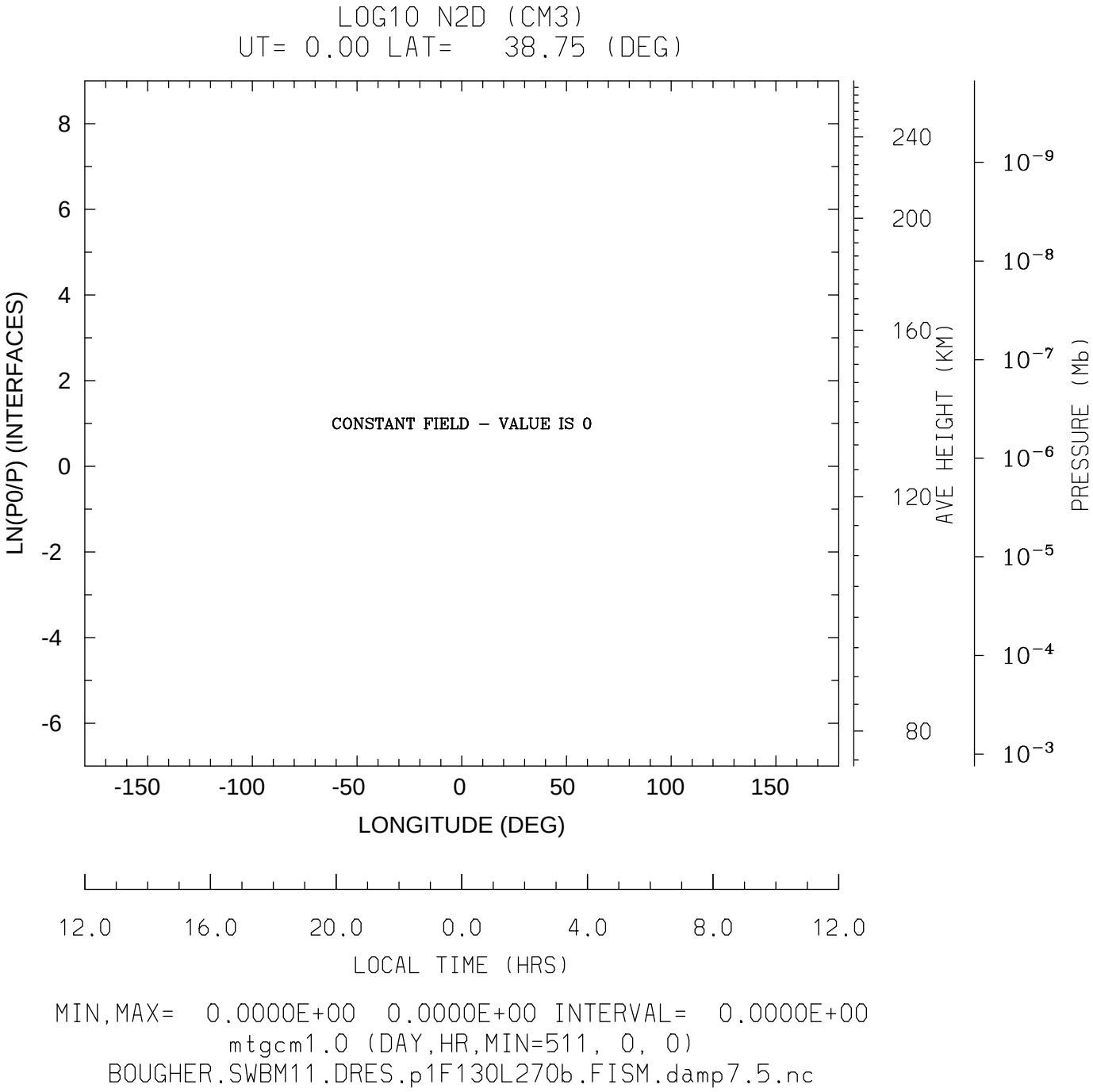


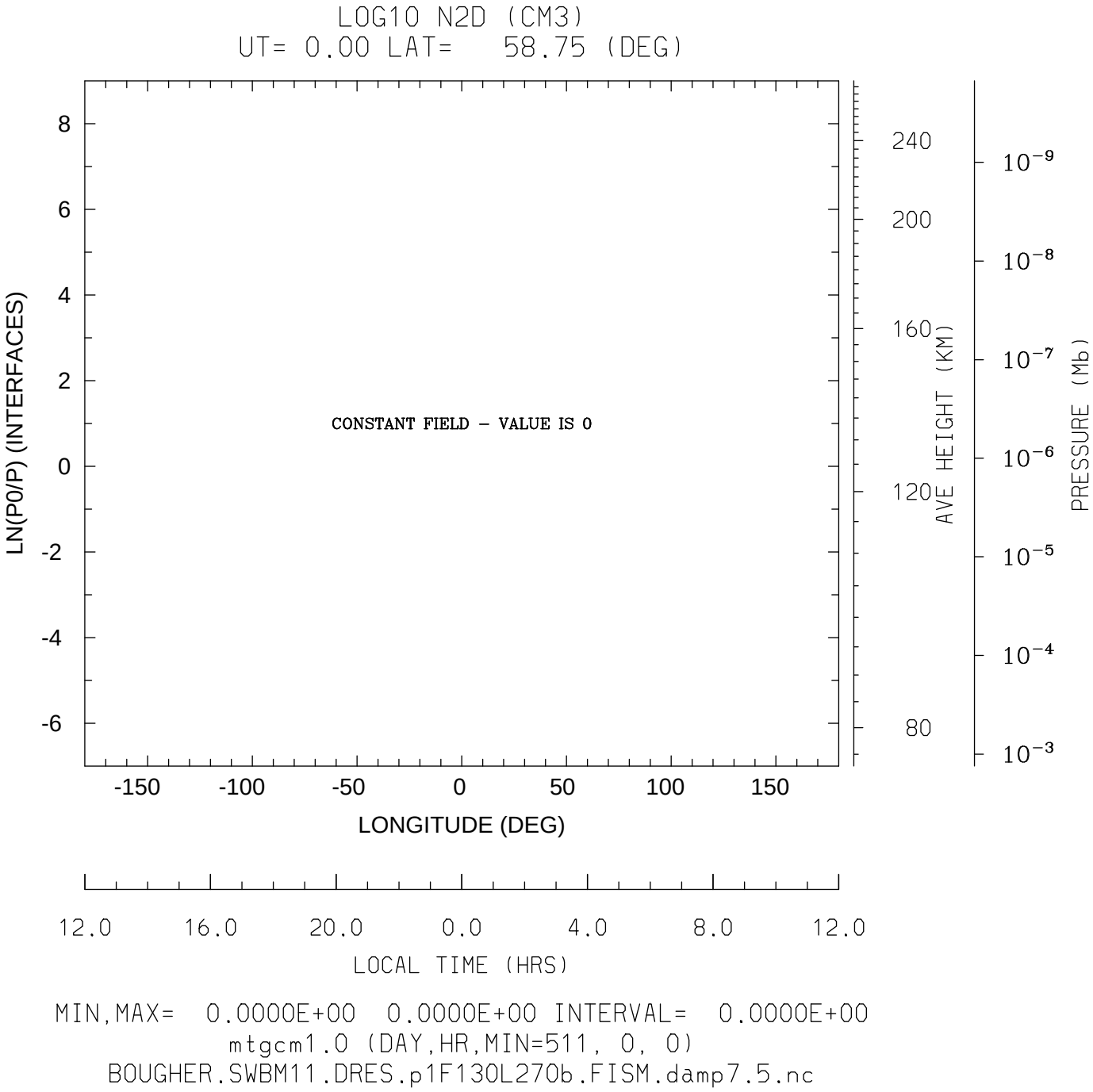
MIN,MAX= 0.0000E+00 0.0000E+00 INTERVAL= 0.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


LOG10 N2D (CM3)
UT= 0.00 LAT= -1.25 (DEG)
LN(P0/P) (INTERFACES)
8
6
4
2
0
-2
-4
-6
CONSTANT FIELD - VALUE IS 0
-150
-100
-50
0
50
100
150
LONGITUDE (DEG)
240
200
160
120
80
AVE HEIGHT (KM)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
PRESSURE (Mb)
12.0
16.0
20.0
0.0
4.0
8.0
12.0
LOCAL TIME (HRS)
MIN,MAX= 0.0000E+00 0.0000E+00 INTERVAL= 0.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

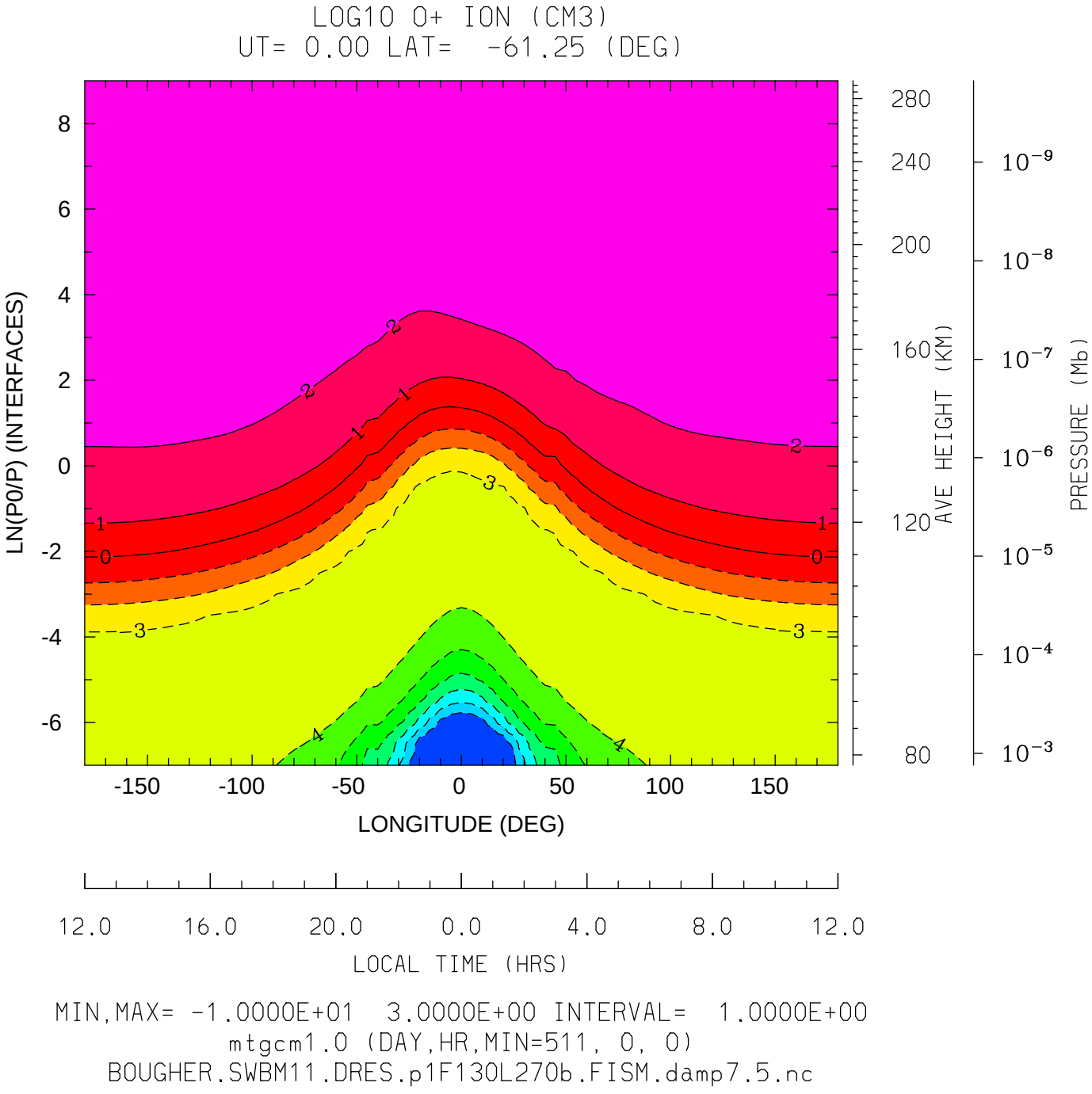

LOG10 N2D (CM3)
UT= 0.00 LAT= 38.75 (DEG)
LN(P0/P) (INTERFACES)
8
6
4
2
0
-2
-4
-6
CONSTANT FIELD - VALUE IS 0
-150
-100
-50
0
50
100
150
LONGITUDE (DEG)
240
200
160
120
80
AVE HEIGHT (KM)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
PRESSURE (Mb)
12.0
16.0
20.0
0.0
4.0
8.0
12.0
LOCAL TIME (HRS)
MIN,MAX= 0.0000E+00 0.0000E+00 INTERVAL= 0.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 0.0000E+00 0.0000E+00 INTERVAL= 0.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

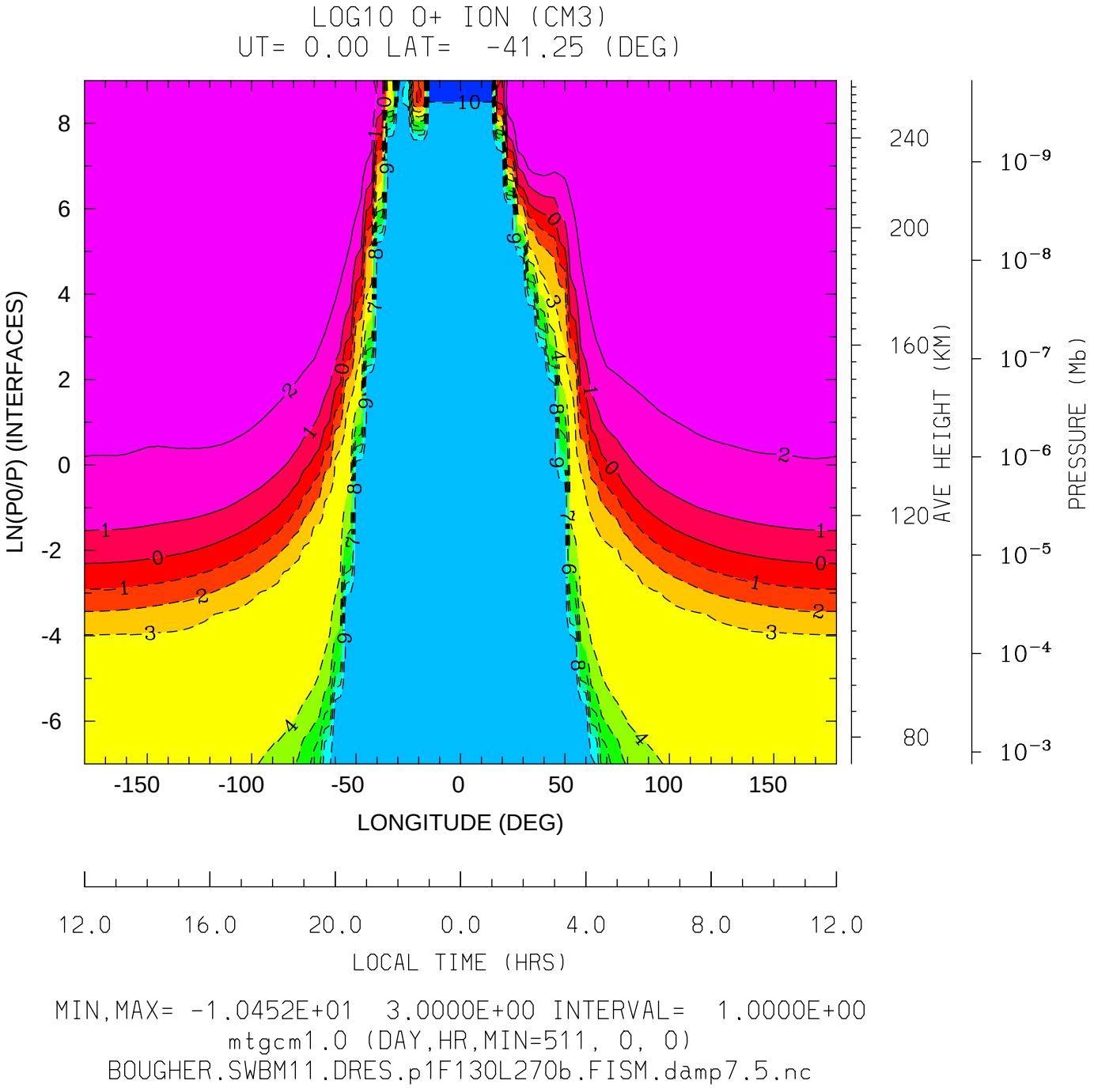
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= -1.0000E+01 3.0000E+00 INTERVAL= 1.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

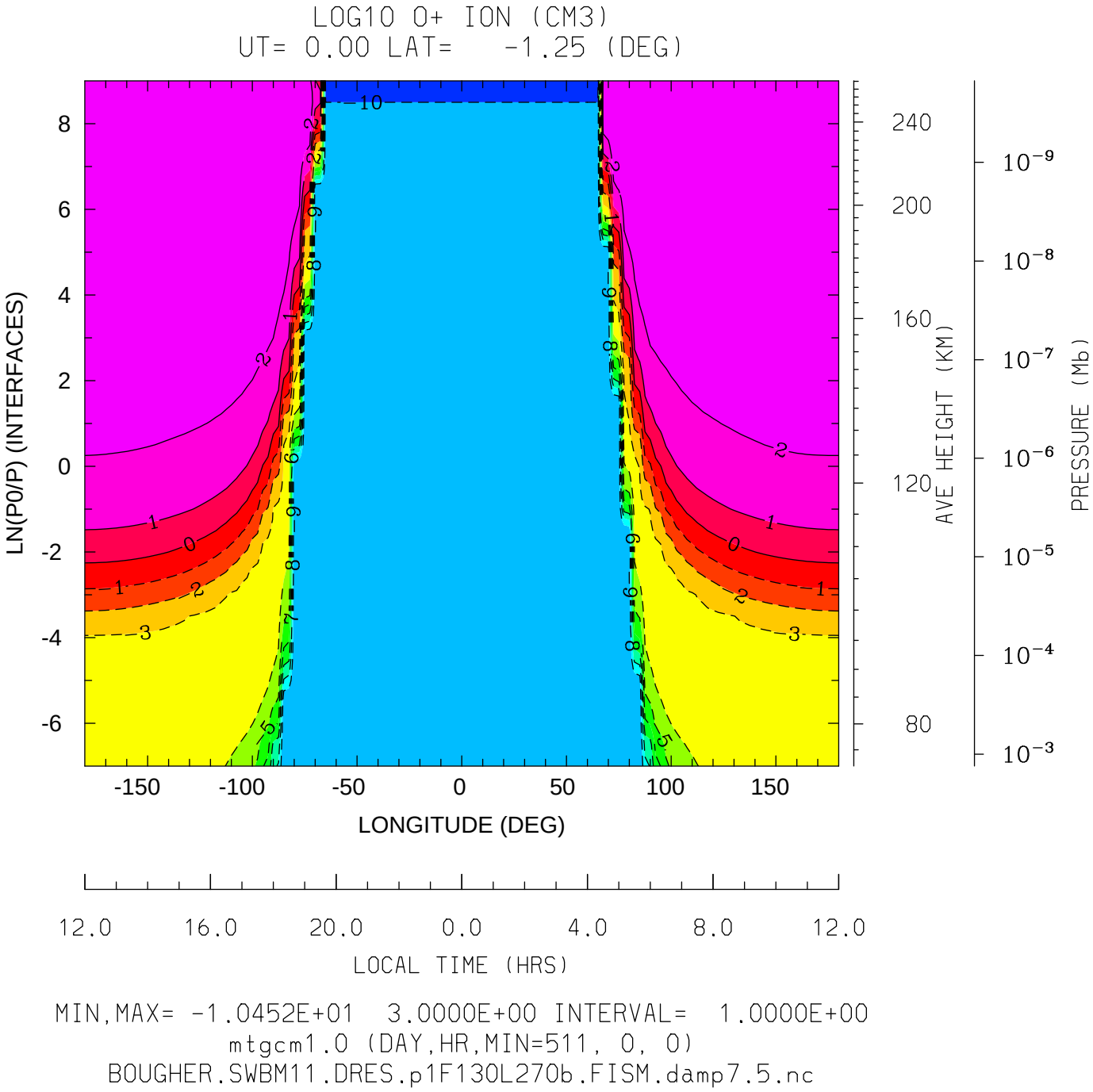
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= -1.0452E+01 3.0000E+00 INTERVAL= 1.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

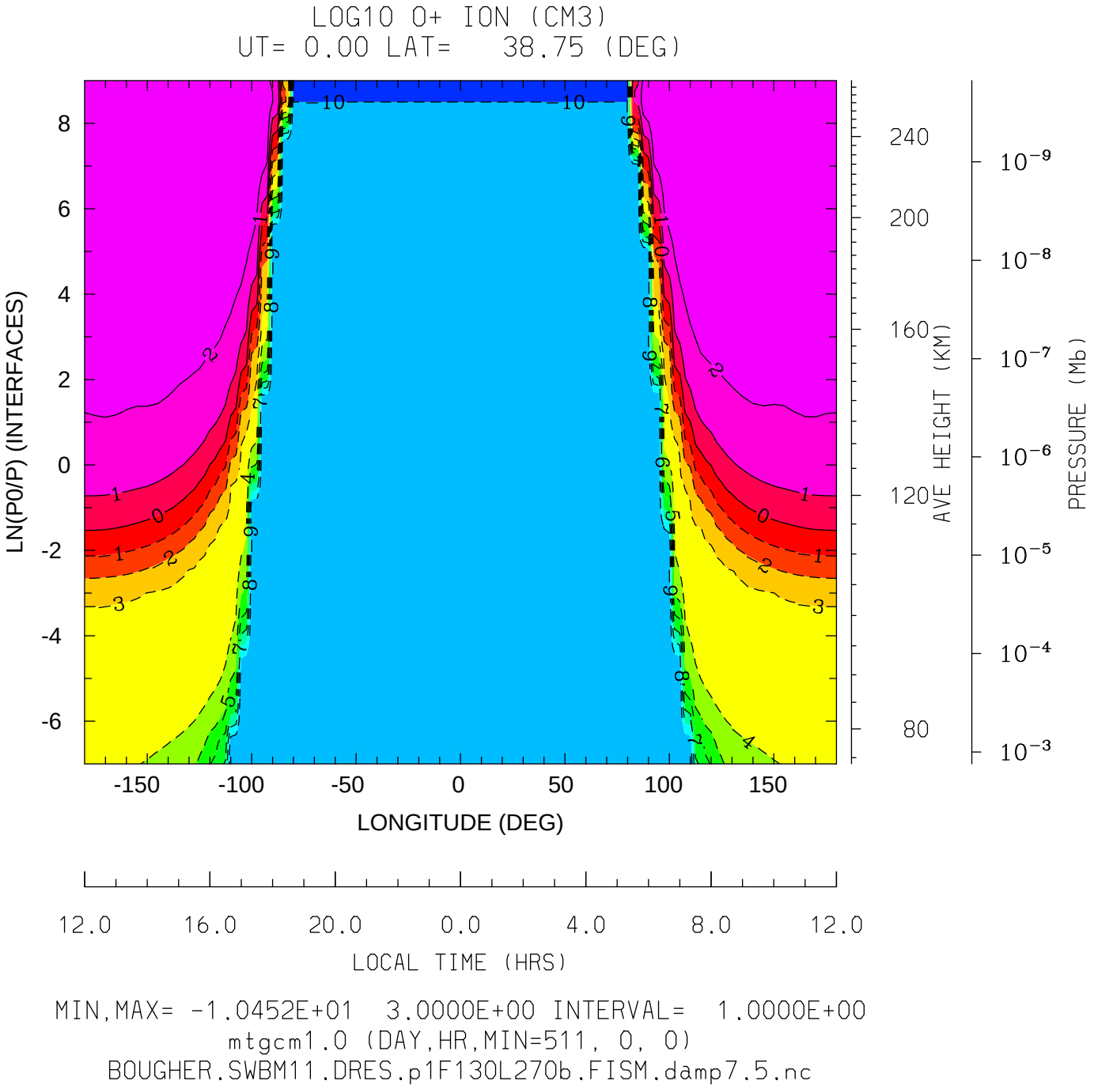
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

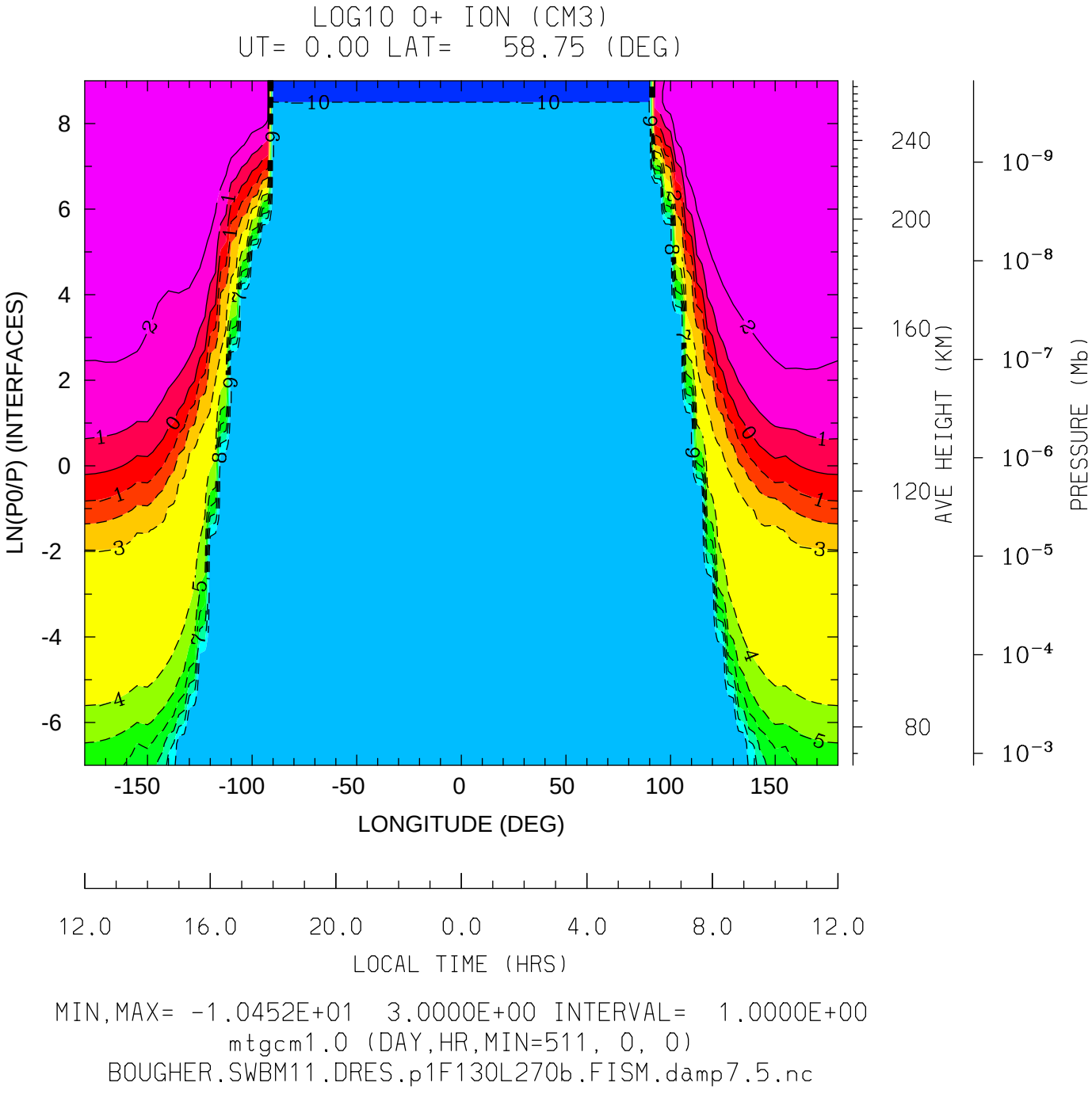


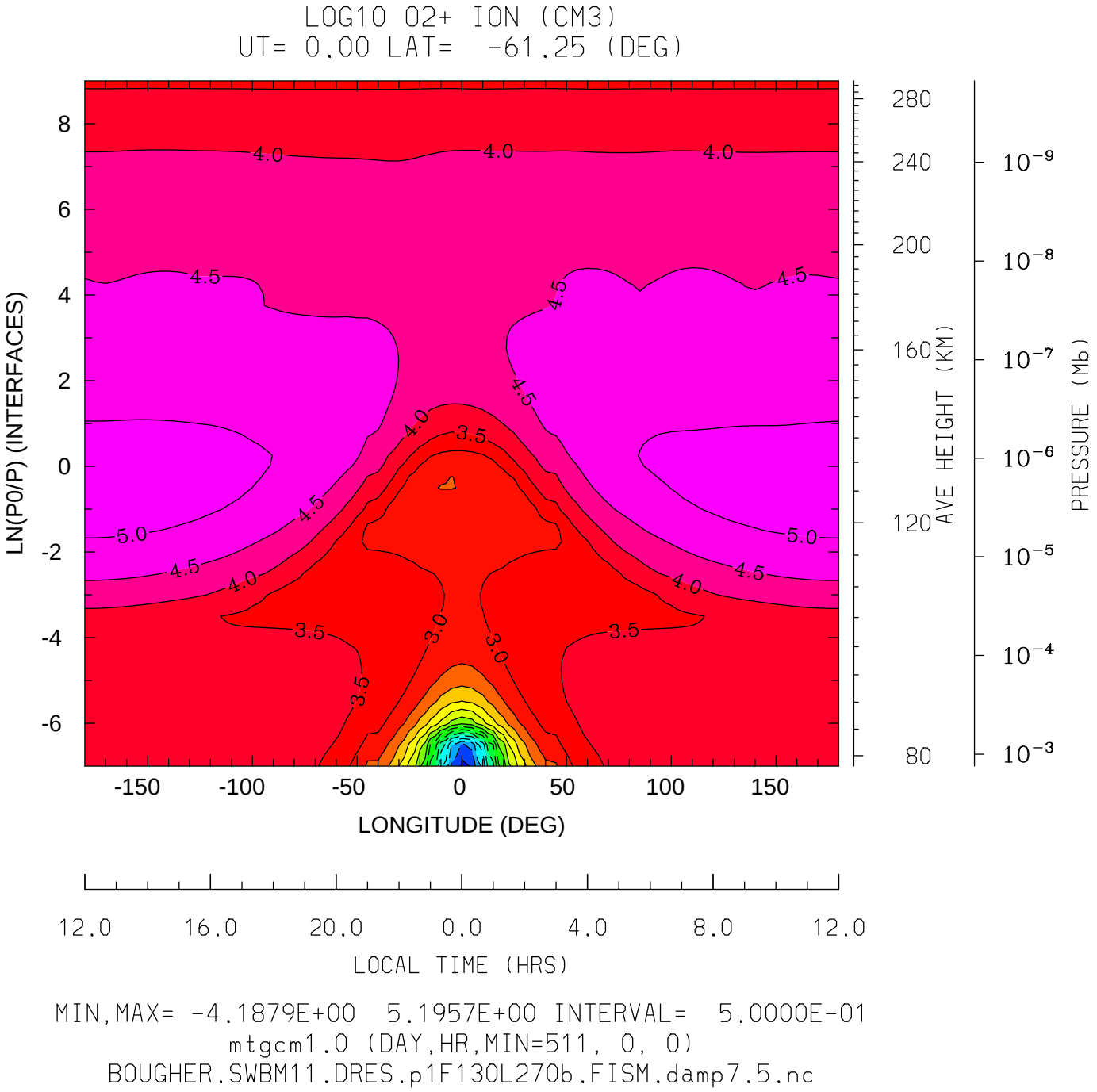
MIN,MAX= -1.0452E+01 3.0000E+00 INTERVAL= 1.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


LOG10 O+ ION (CM3)
UT= 0.00 LAT= 38.75 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.0452E+01 3.0000E+00 INTERVAL= 1.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

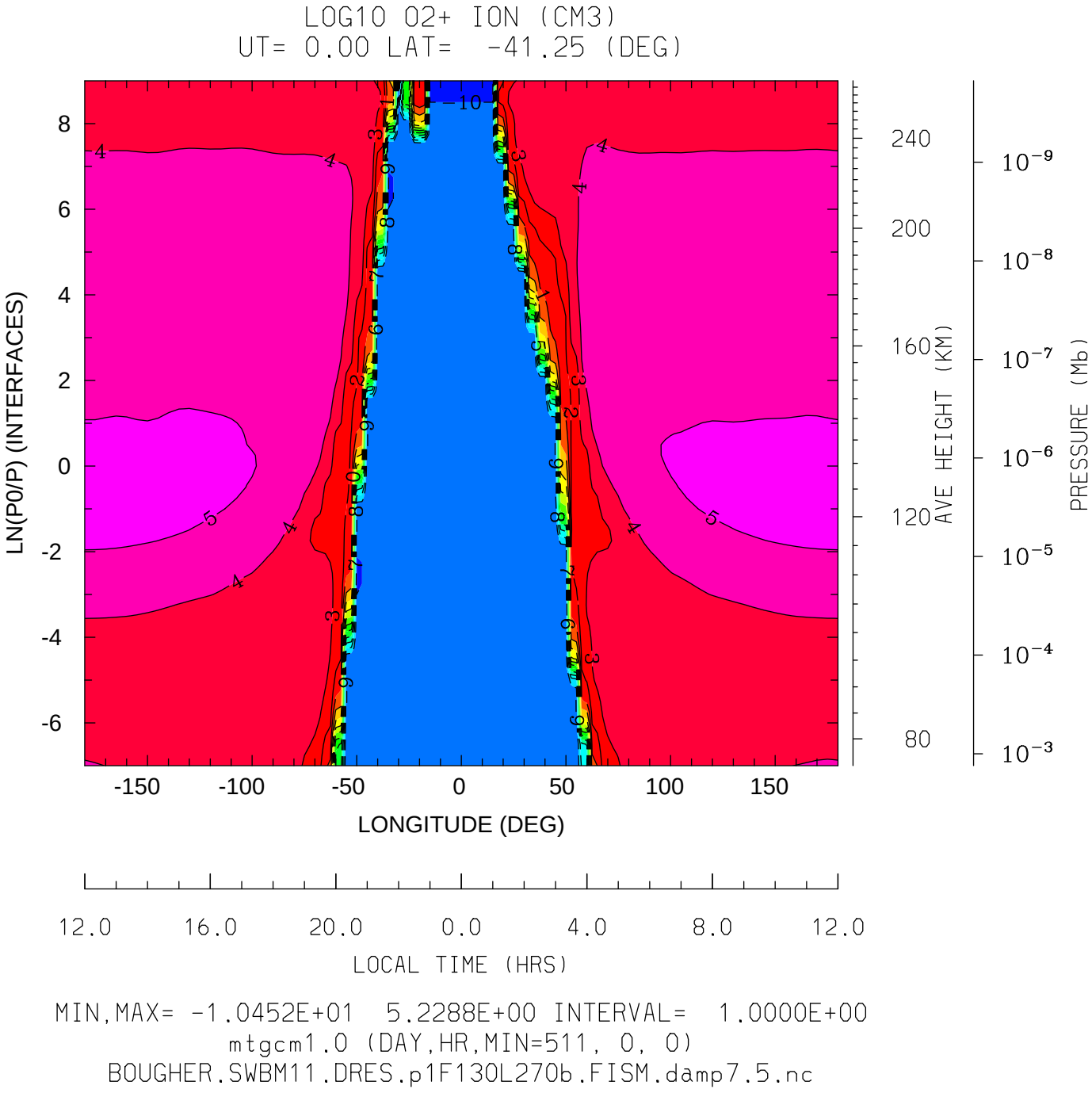

LOG10 O+ ION (CM3)
UT= 0.00 LAT= 58.75 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.0452E+01 3.0000E+00 INTERVAL= 1.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= -4.1879E+00 5.1957E+00 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

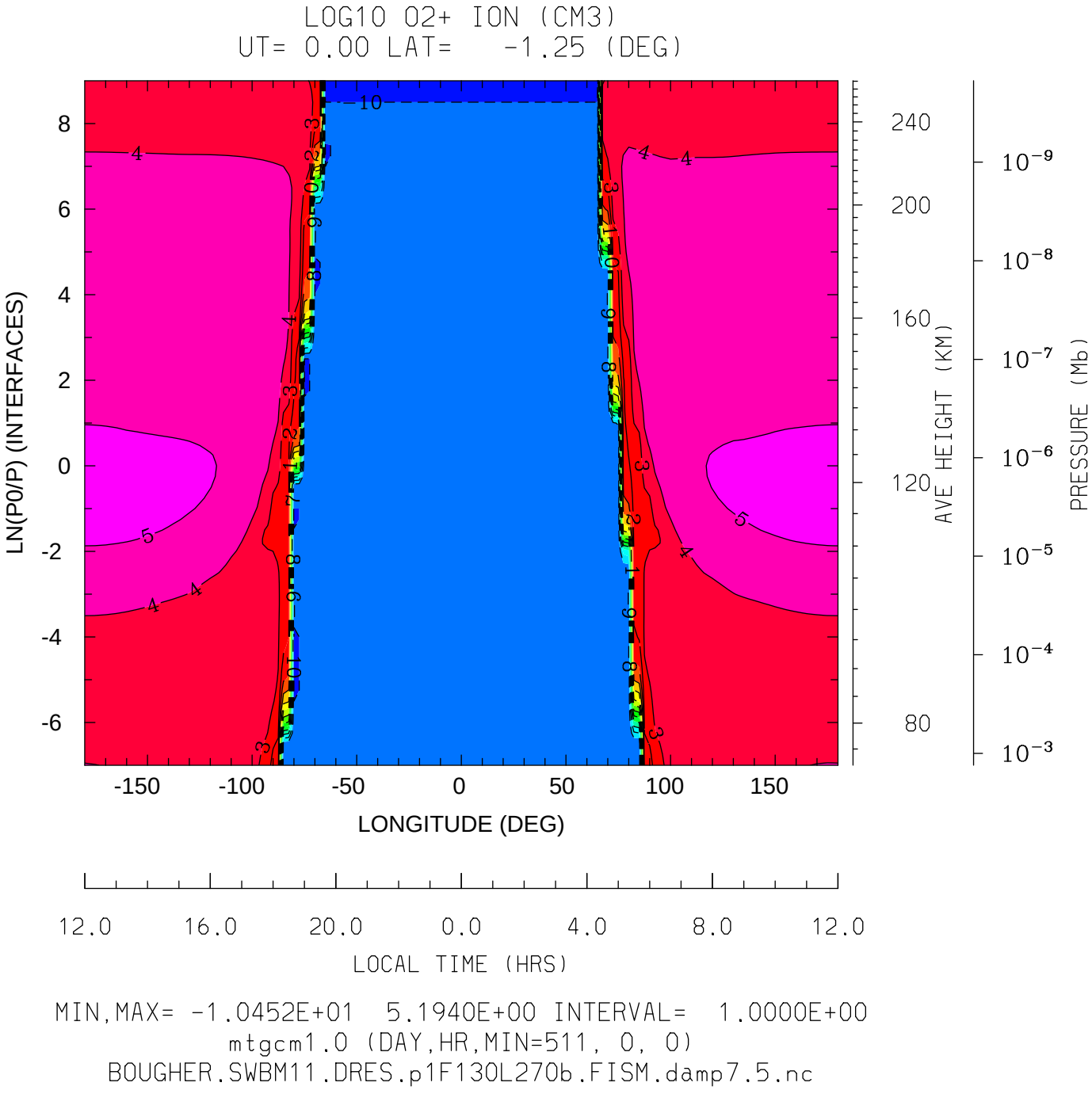
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= -1.0452E+01 5.2288E+00 INTERVAL= 1.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

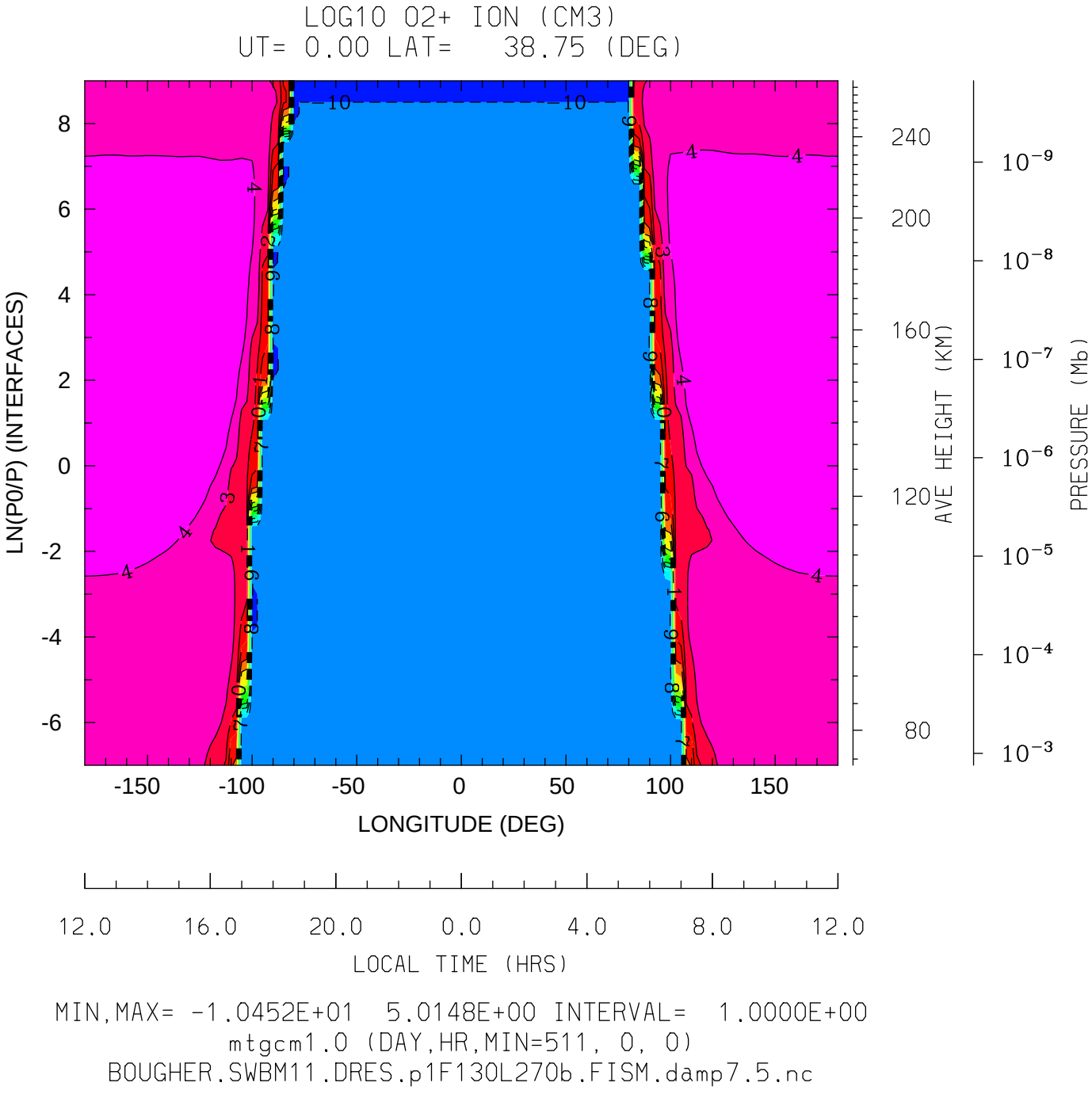
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

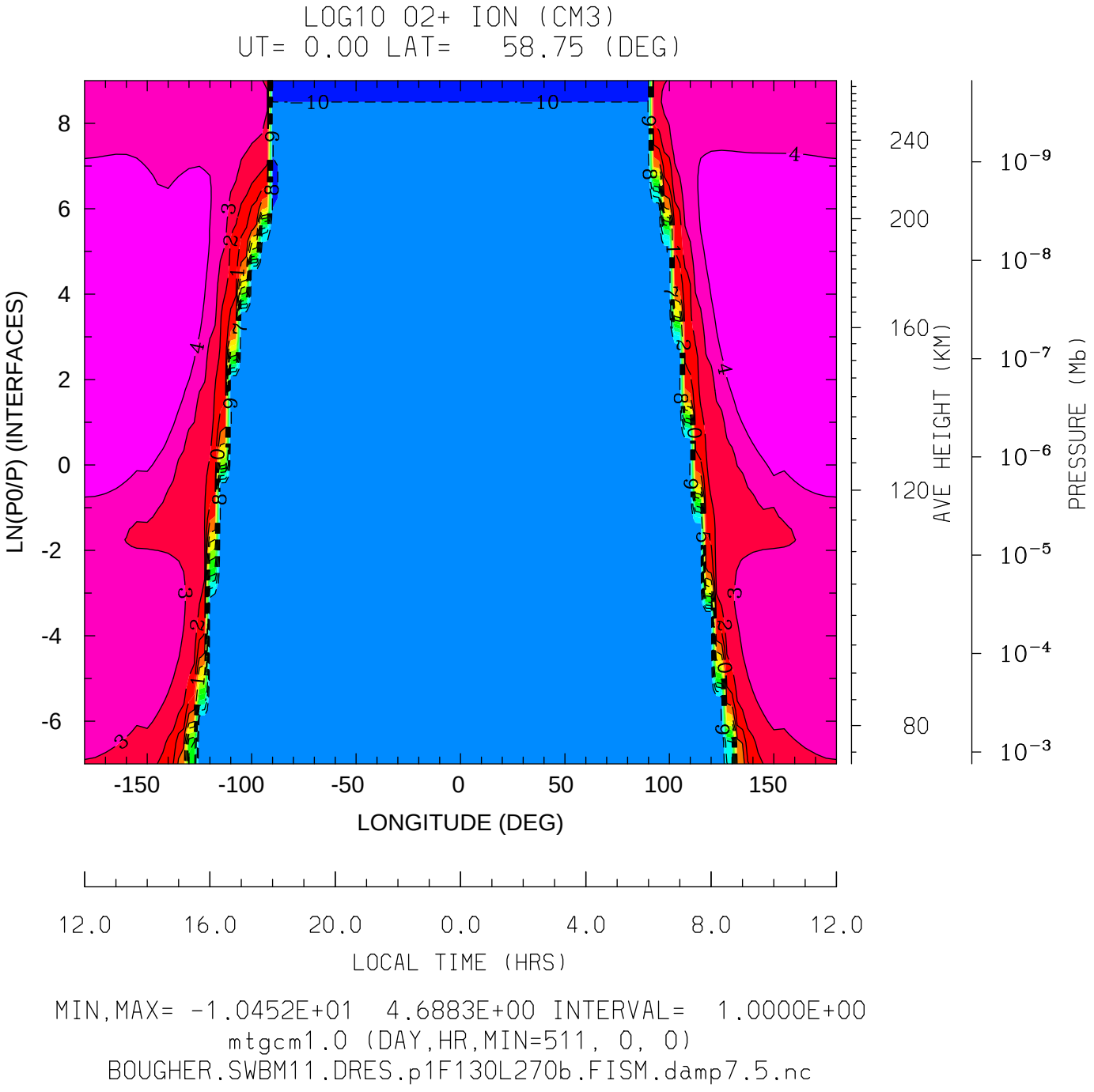


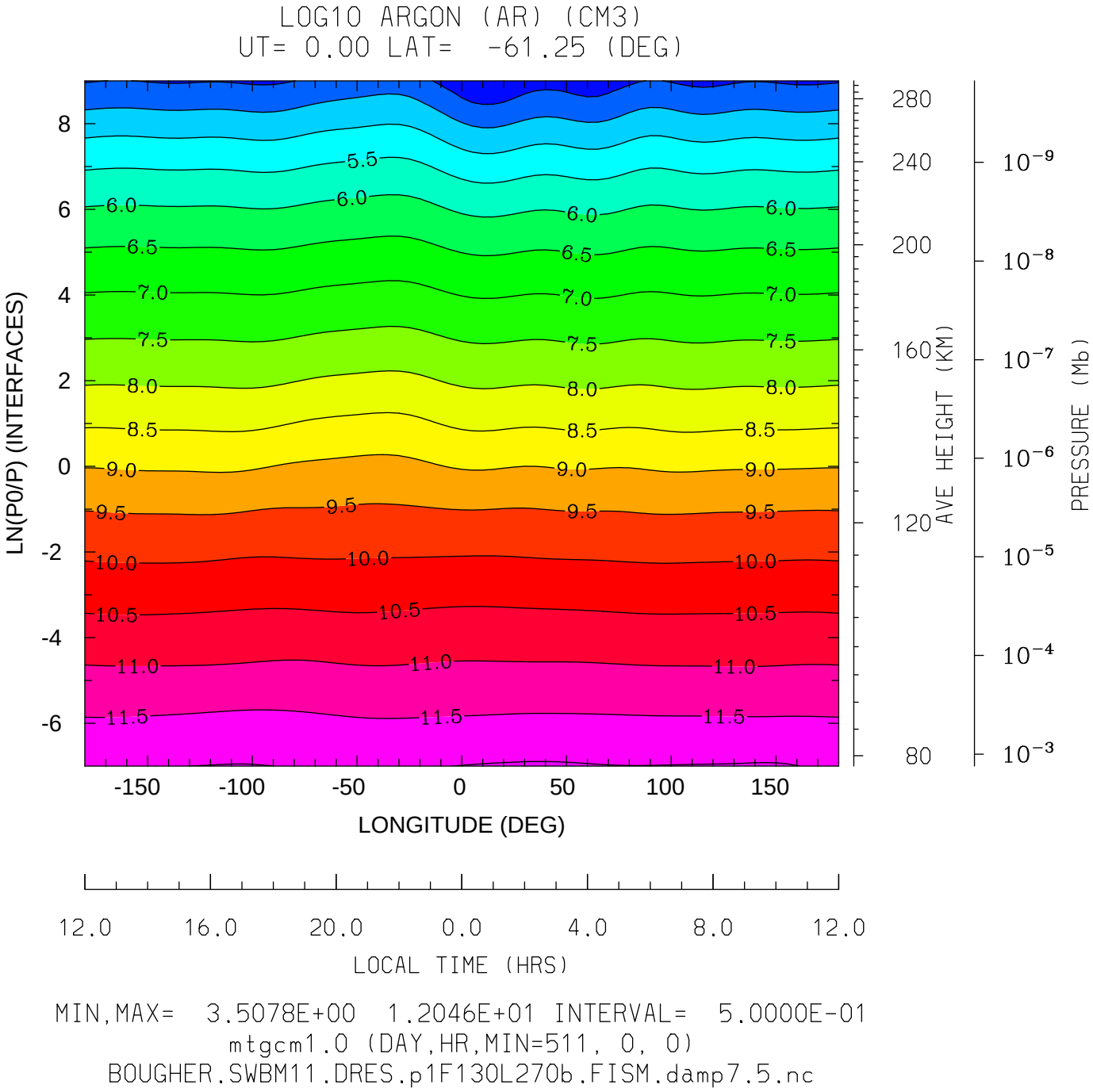
MIN,MAX= -1.0452E+01 5.1940E+00 INTERVAL= 1.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


LOG10 O2+ ION (CM3)
UT= 0.00 LAT= 38.75 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.0452E+01 5.0148E+00 INTERVAL= 1.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

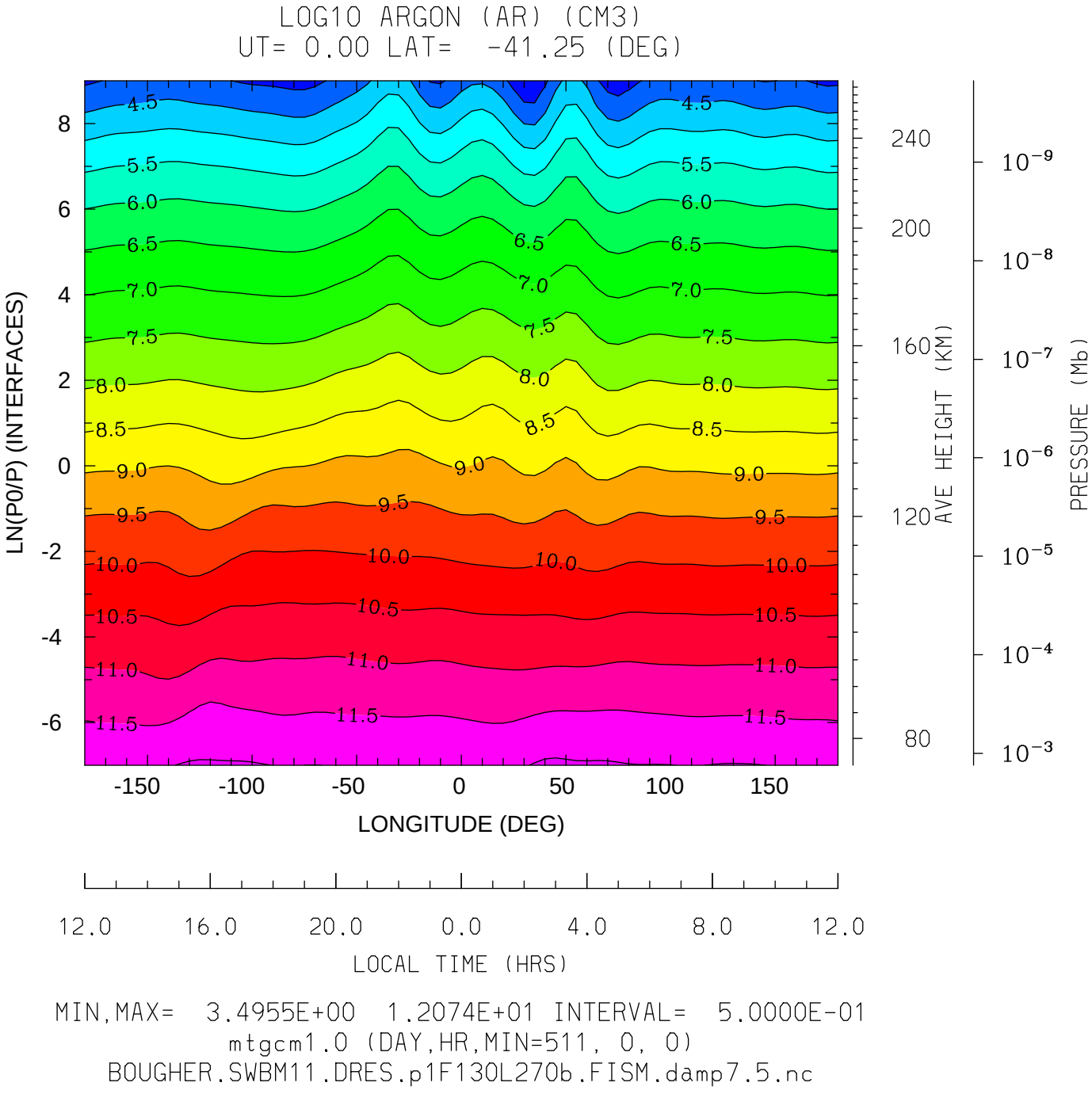

LOG10 O2+ ION (CM3)
UT= 0.00 LAT= 58.75 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= -1.0452E+01 4.6883E+00 INTERVAL= 1.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 3.5078E+00 1.2046E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

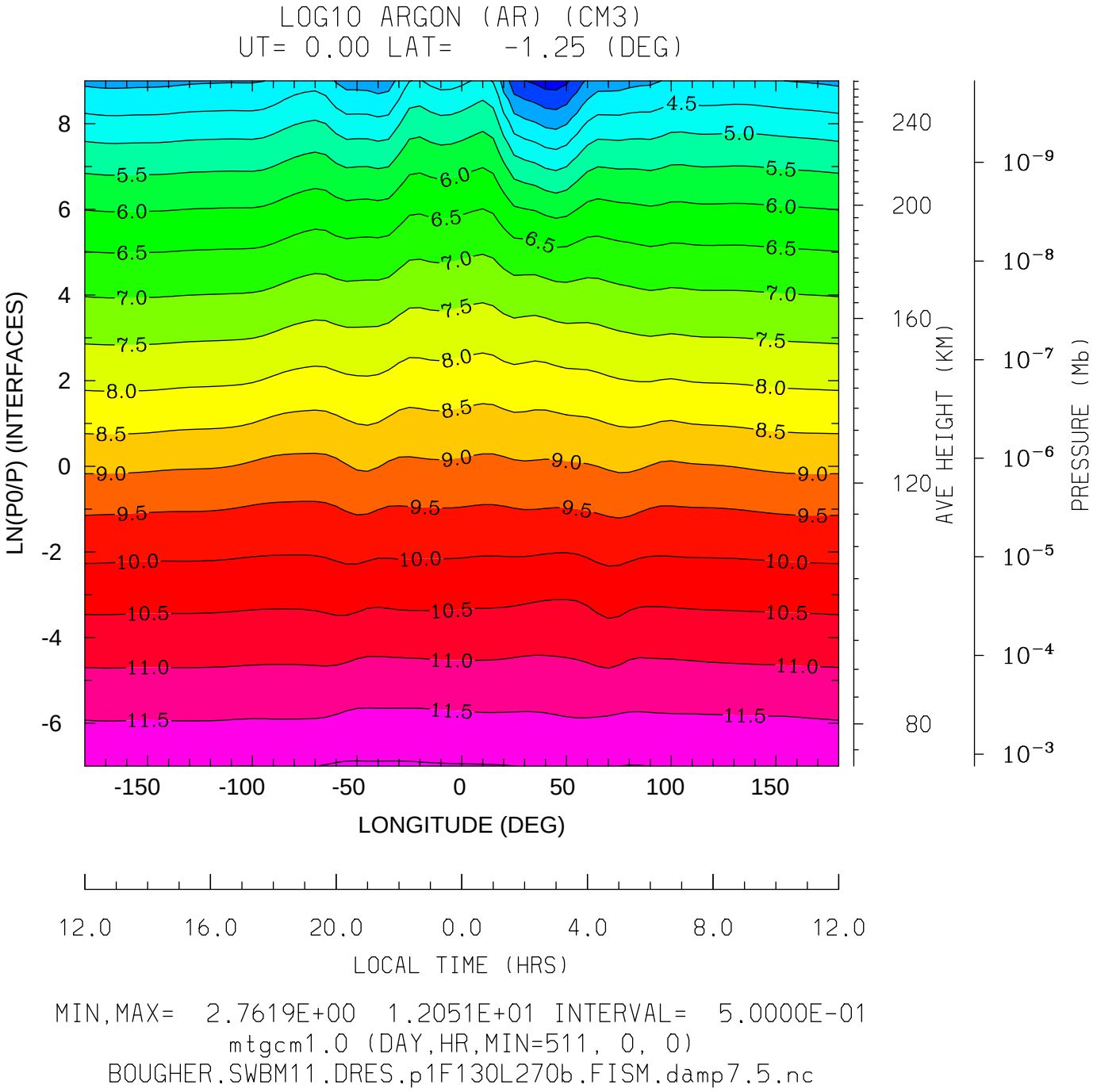
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 3.4955E+00 1.2074E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

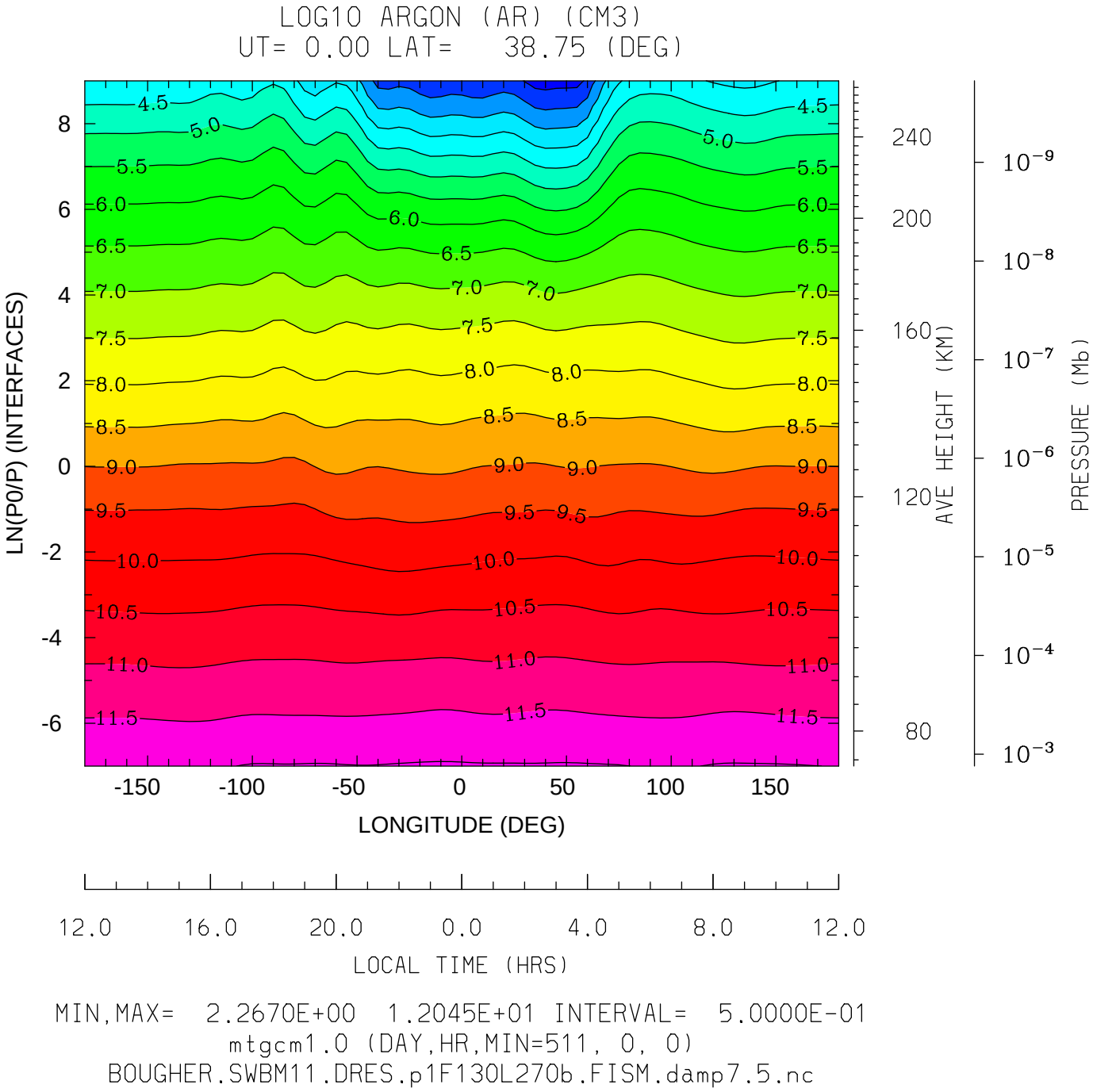
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 2.7619E+00 1.2051E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

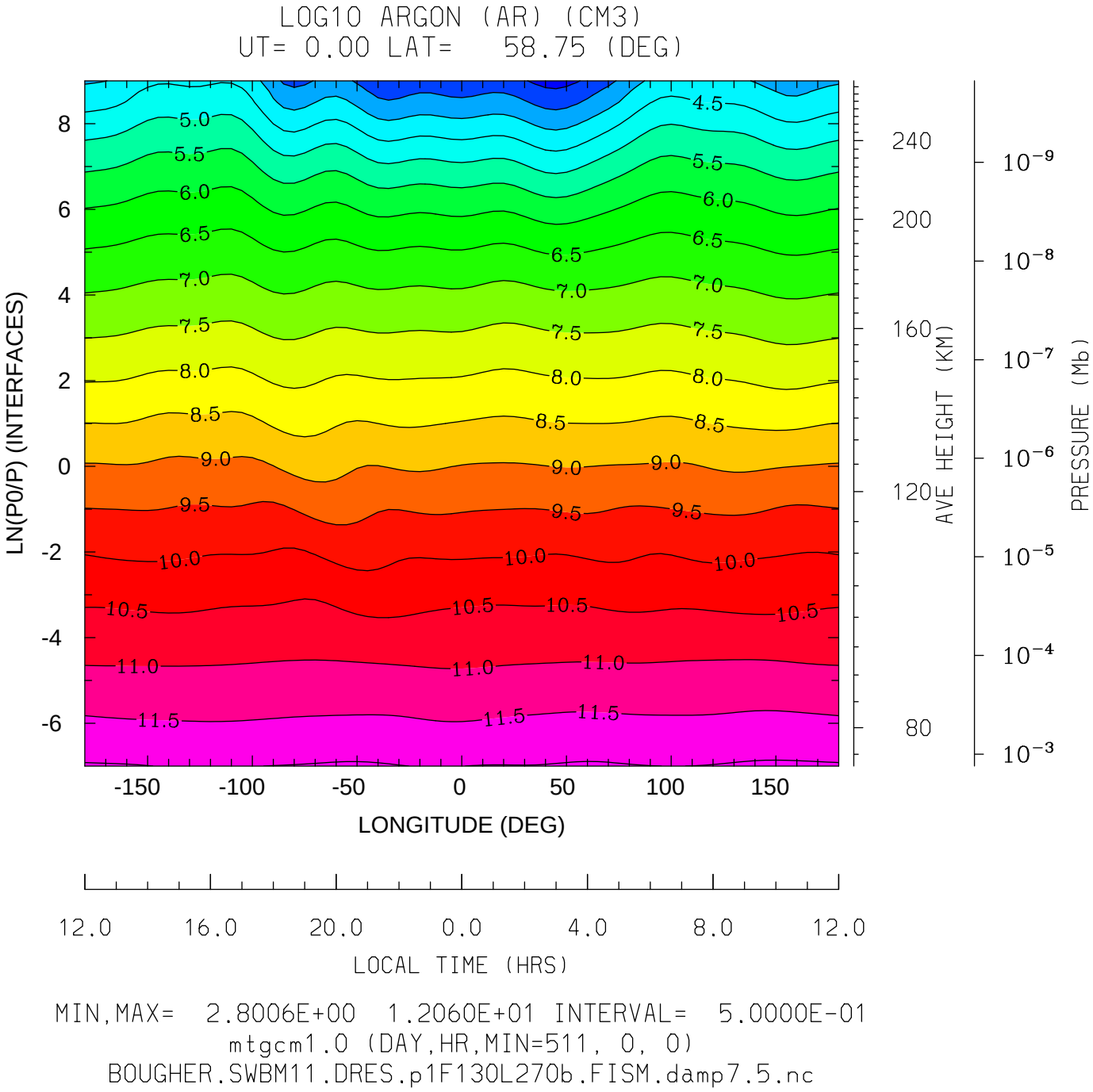
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 2.2670E+00 1.2045E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

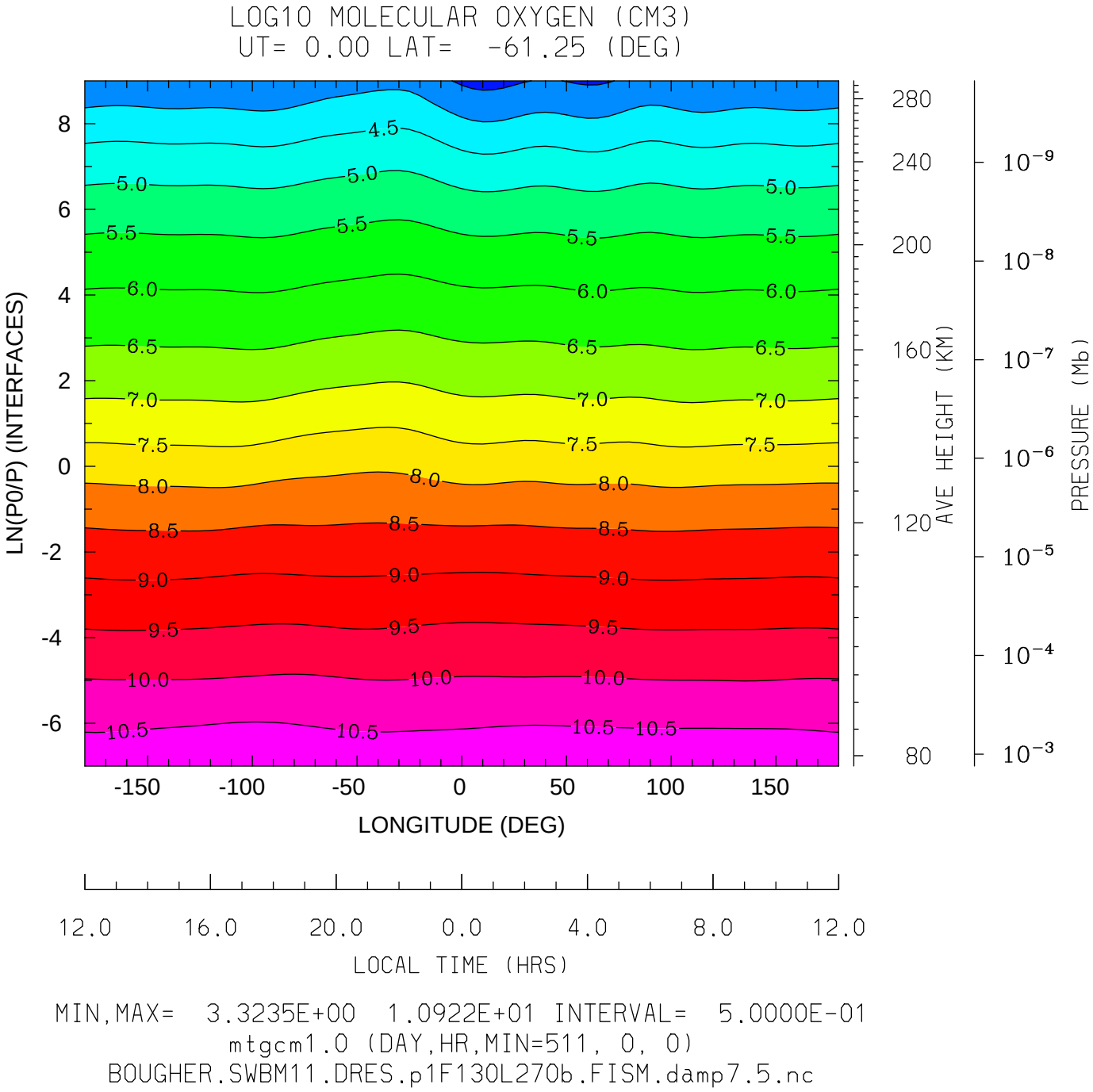
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 2.8006E+00 1.2060E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

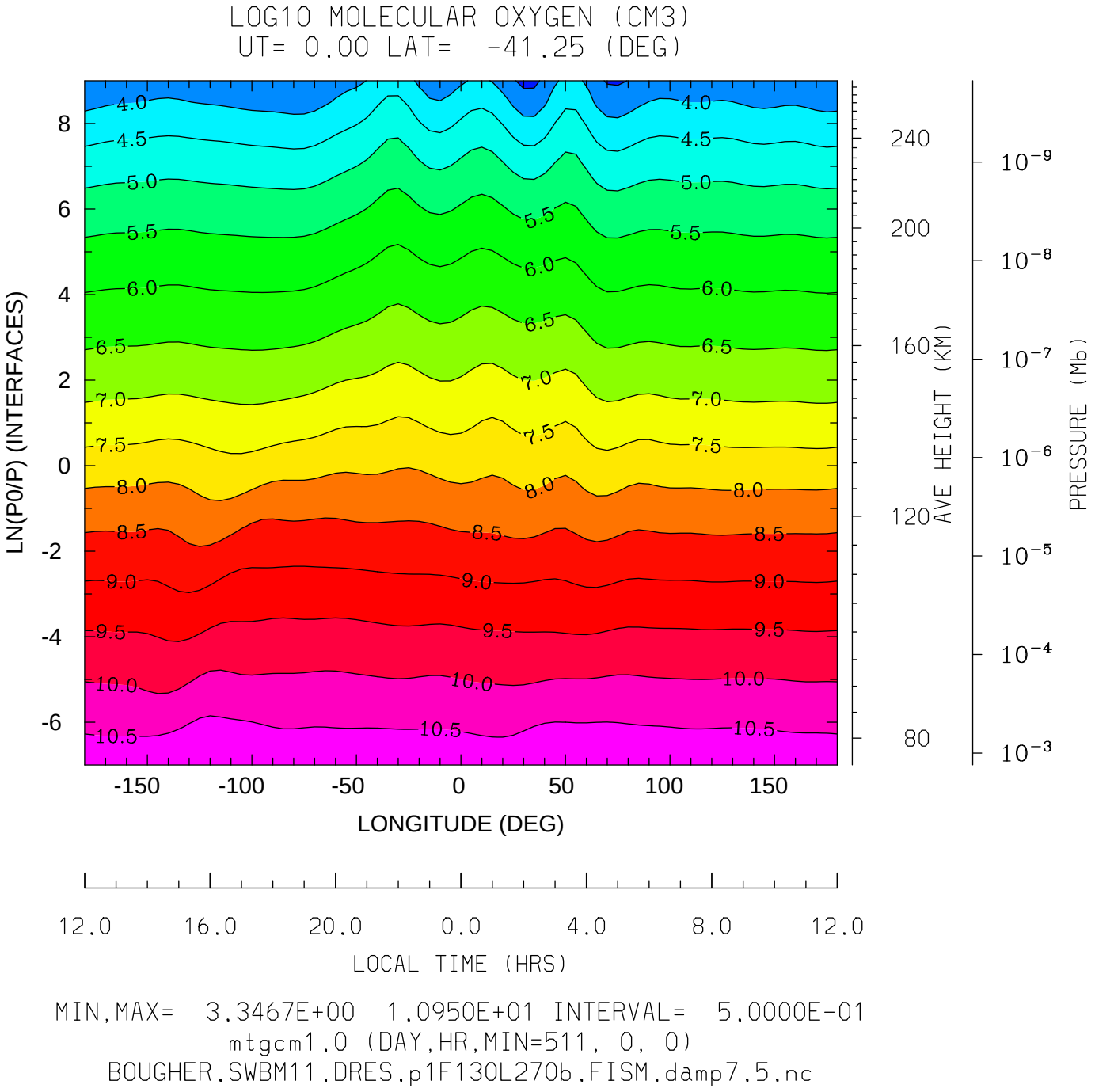
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 3.3235E+00 1.0922E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

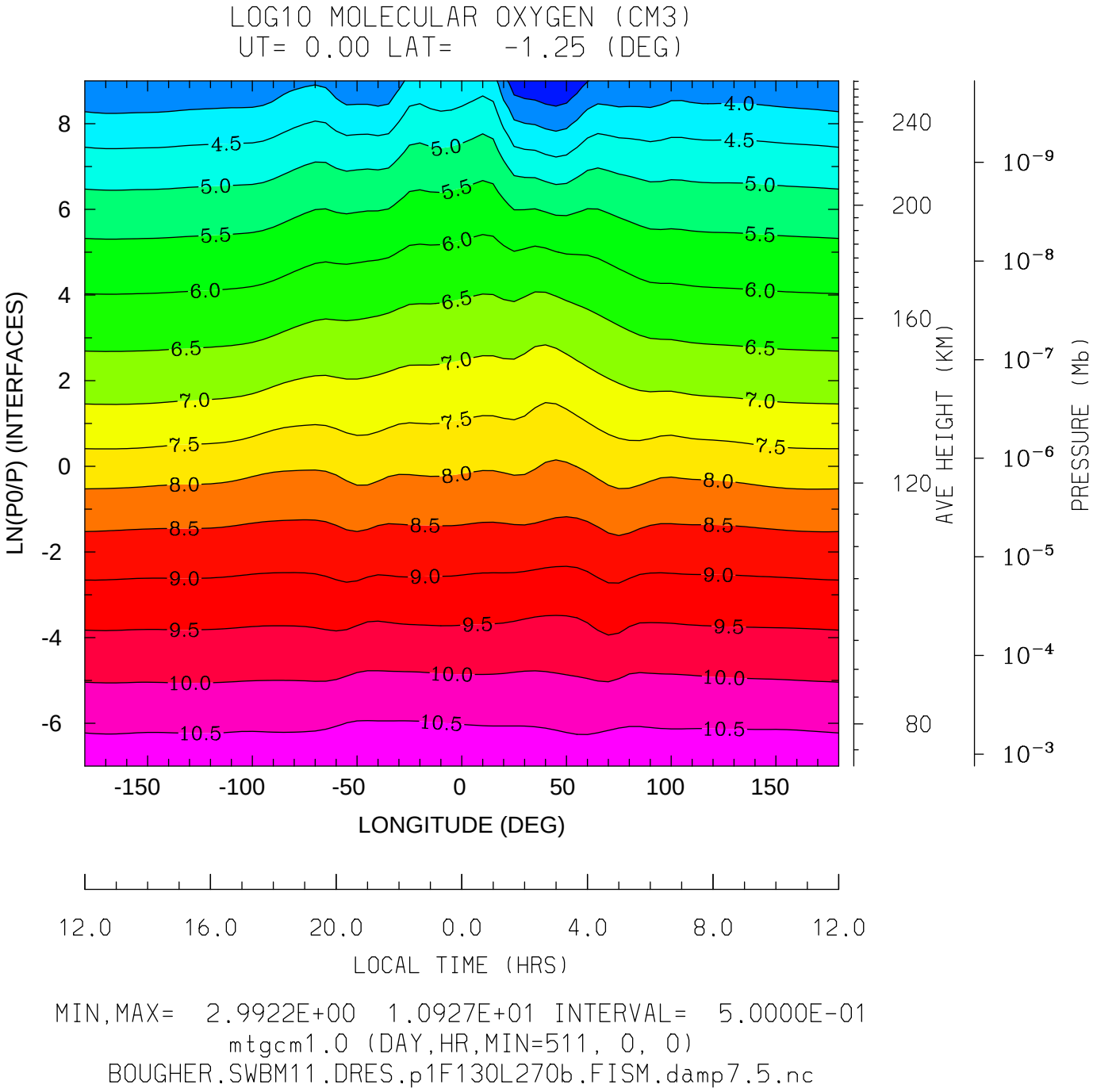
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 3.3467E+00 1.0950E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

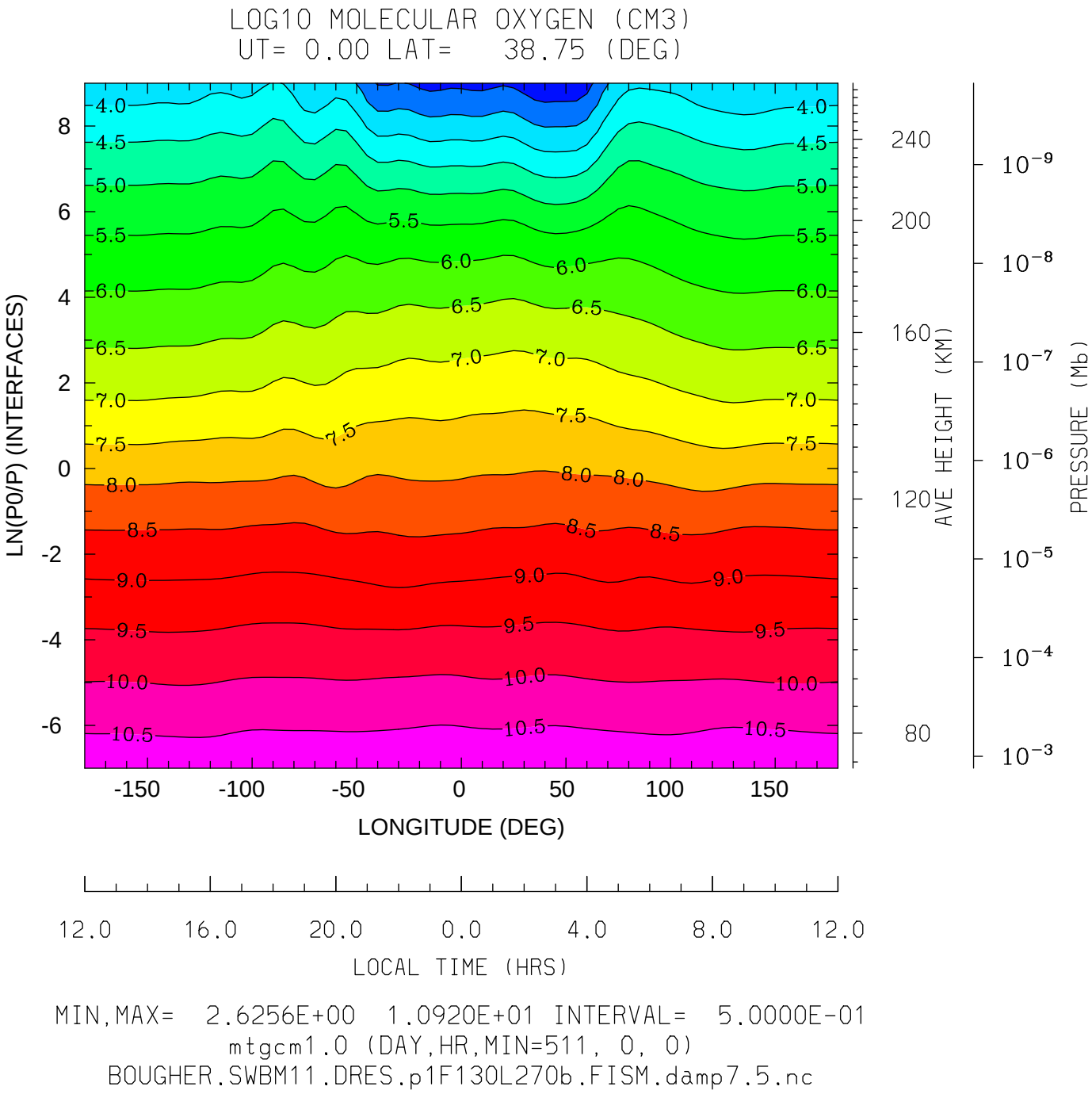
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 2.9922E+00 1.0927E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

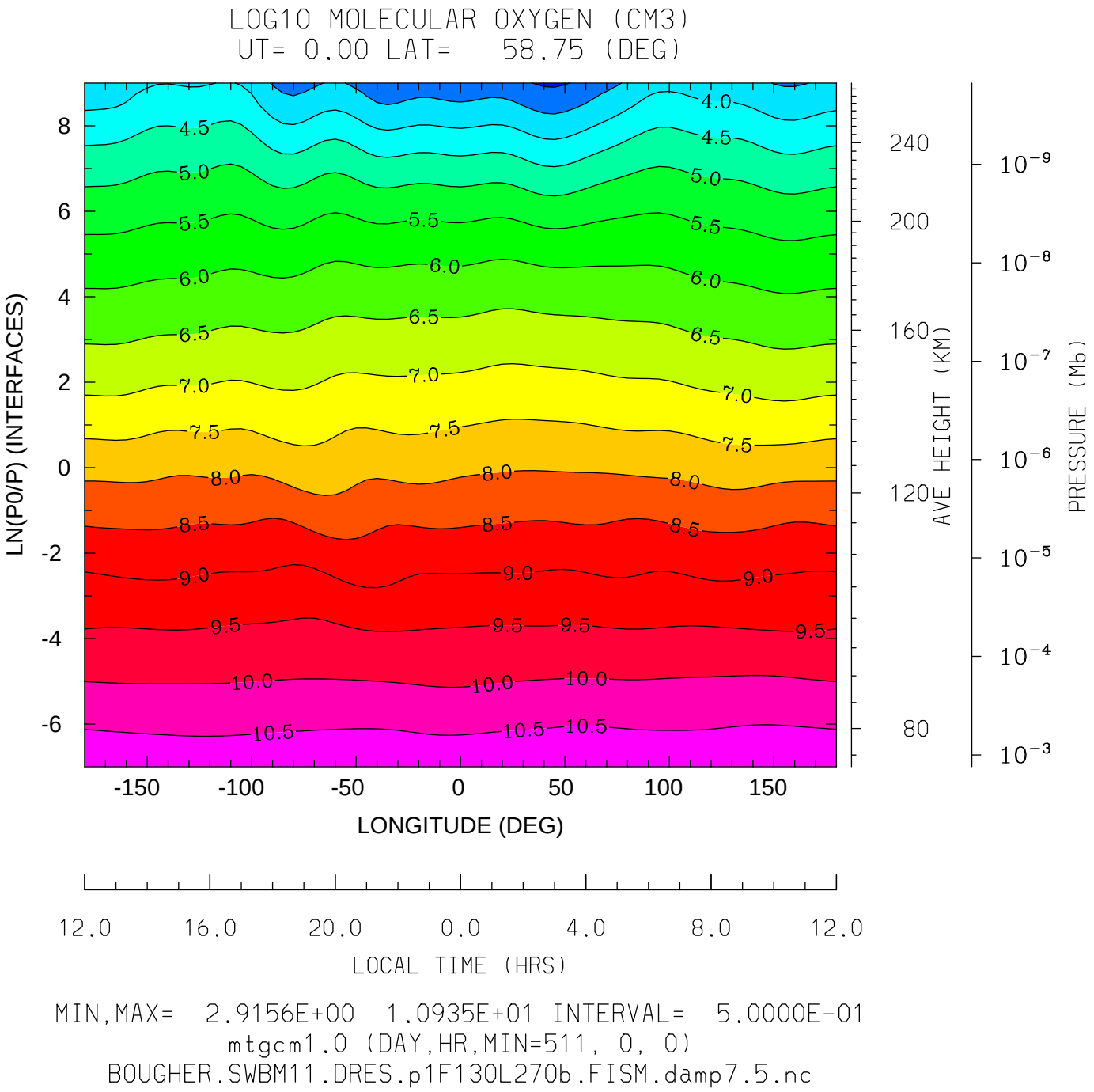
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 2.6256E+00 1.0920E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

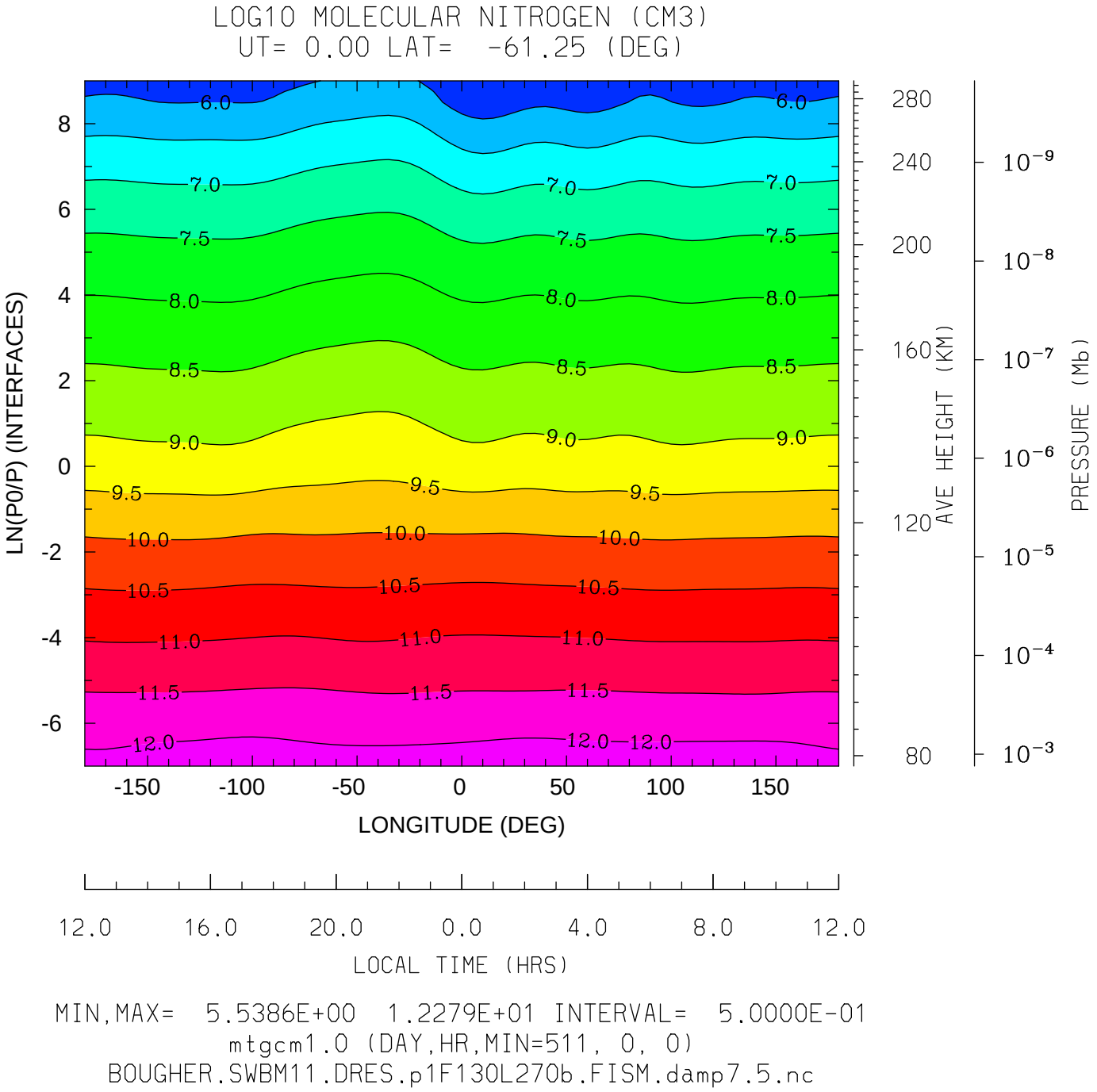
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 2.9156E+00 1.0935E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

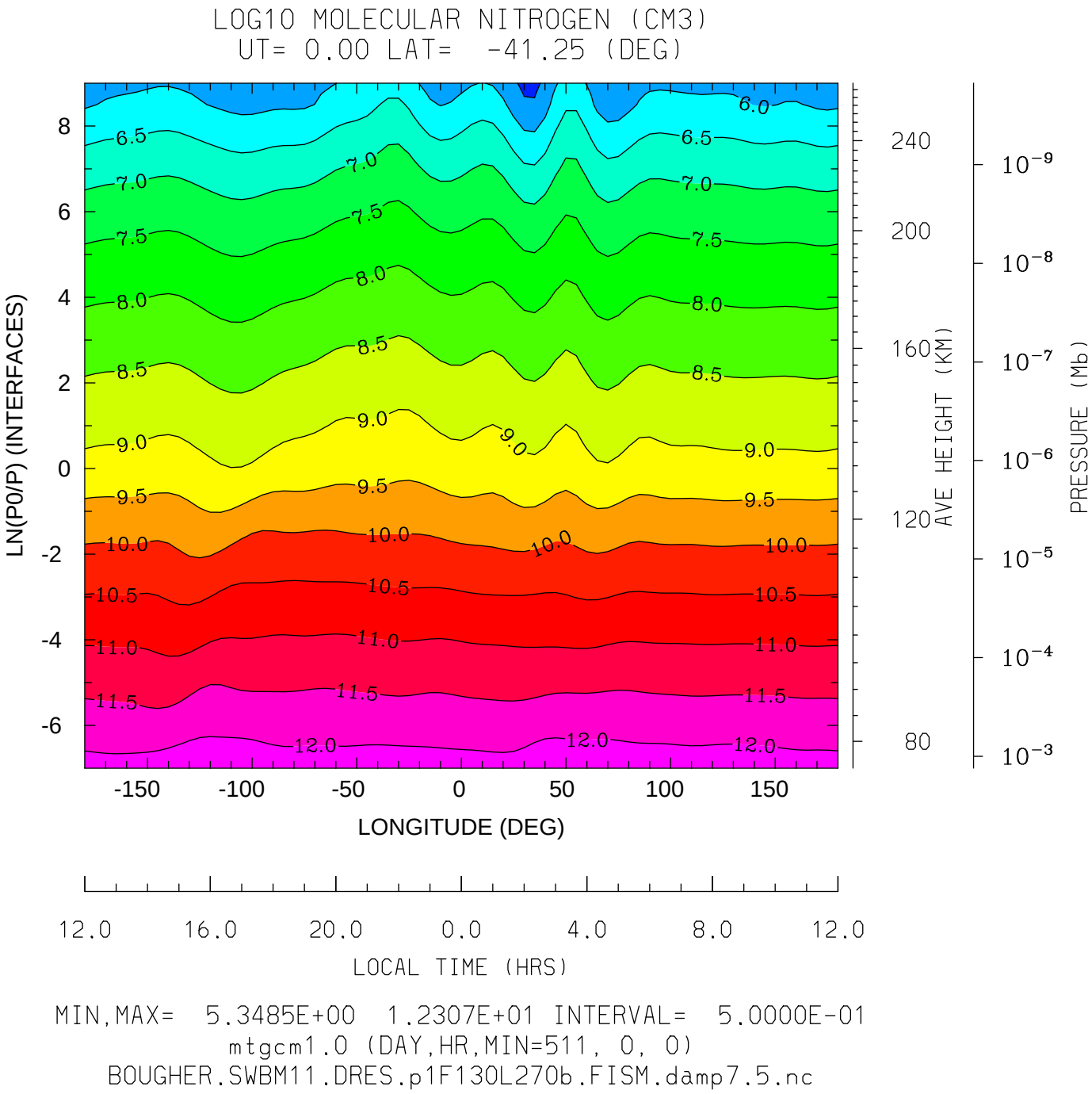
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 5.5386E+00 1.2279E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

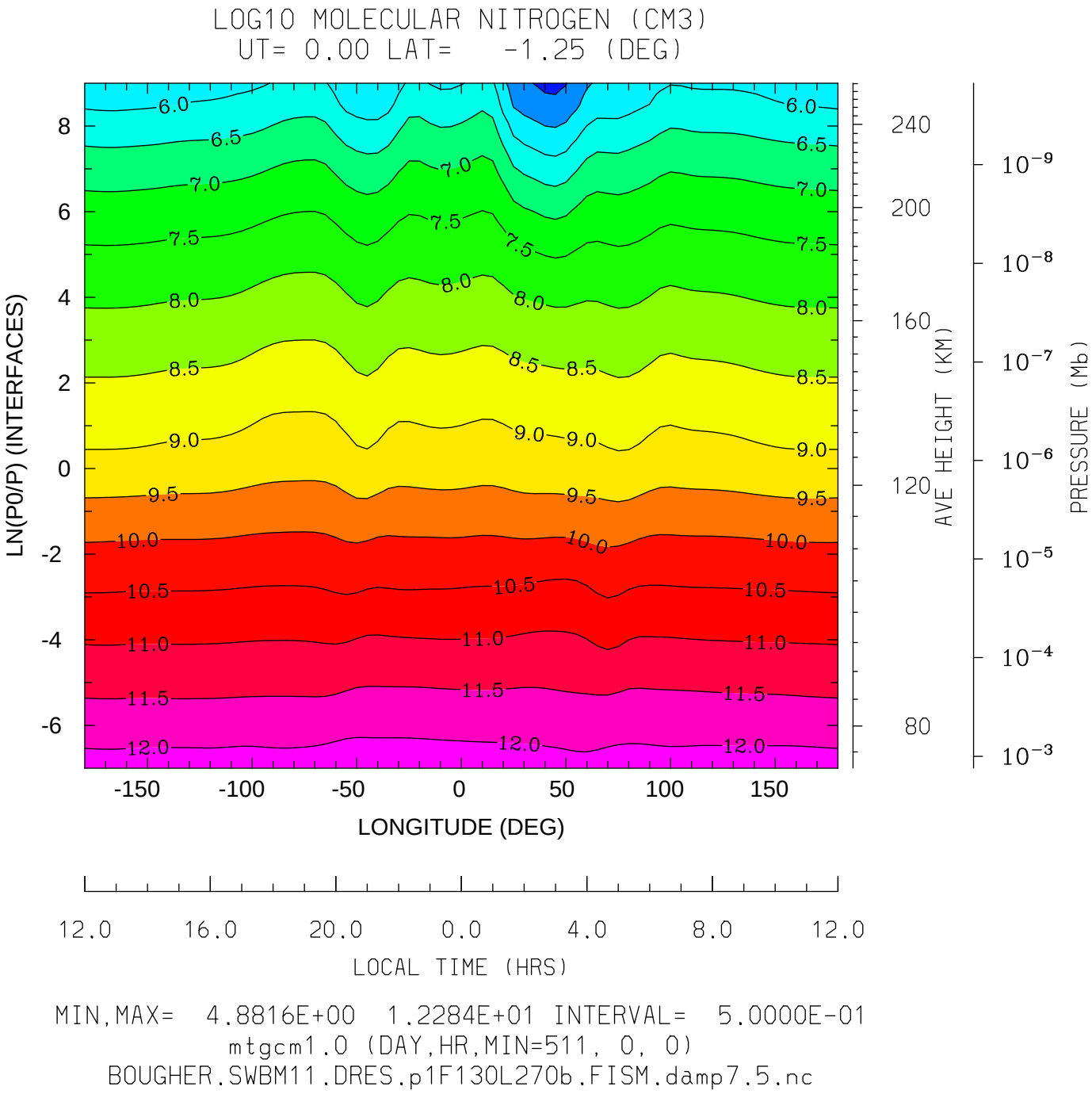
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 5.3485E+00 1.2307E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

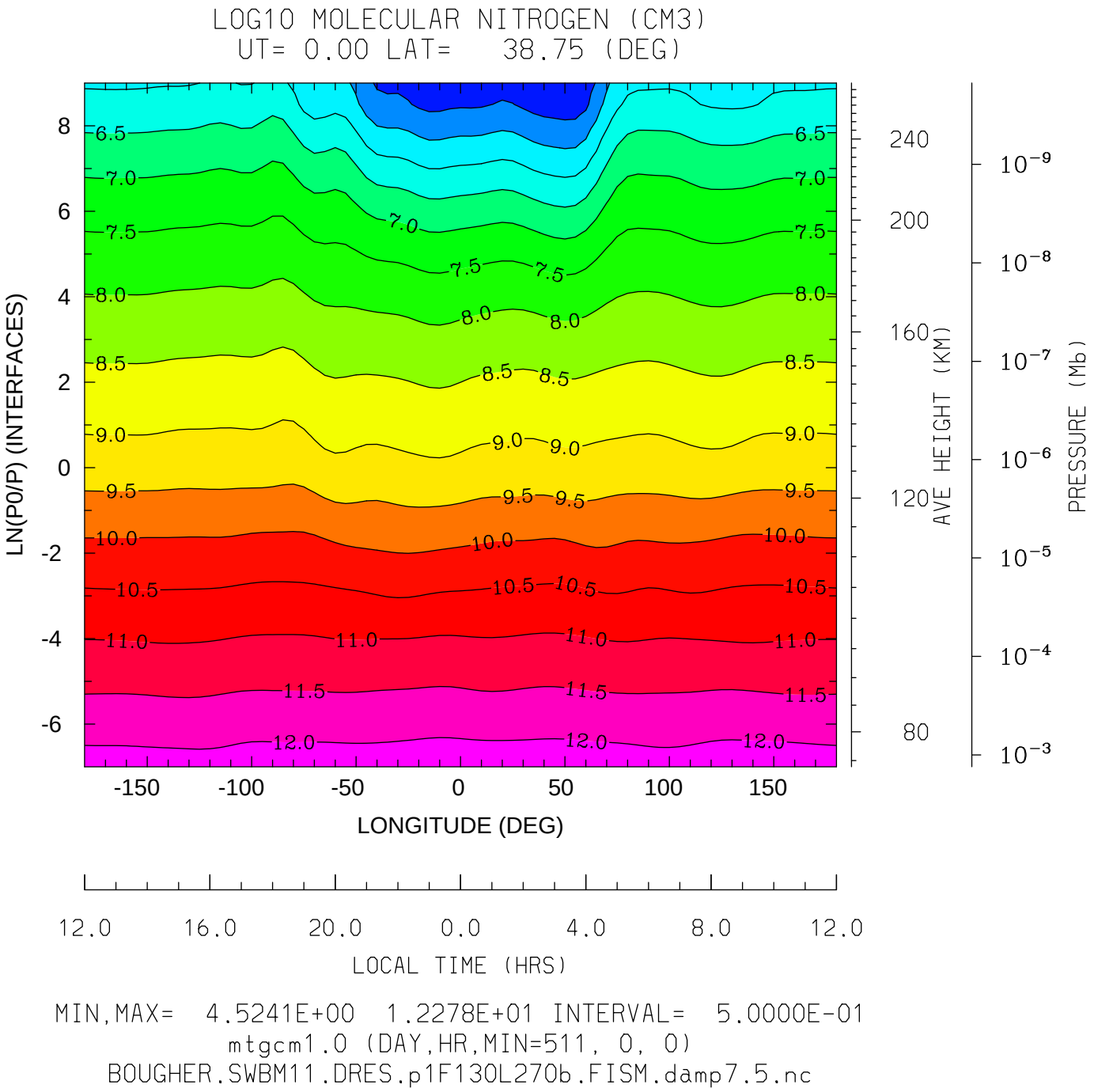
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 4.8816E+00 1.2284E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

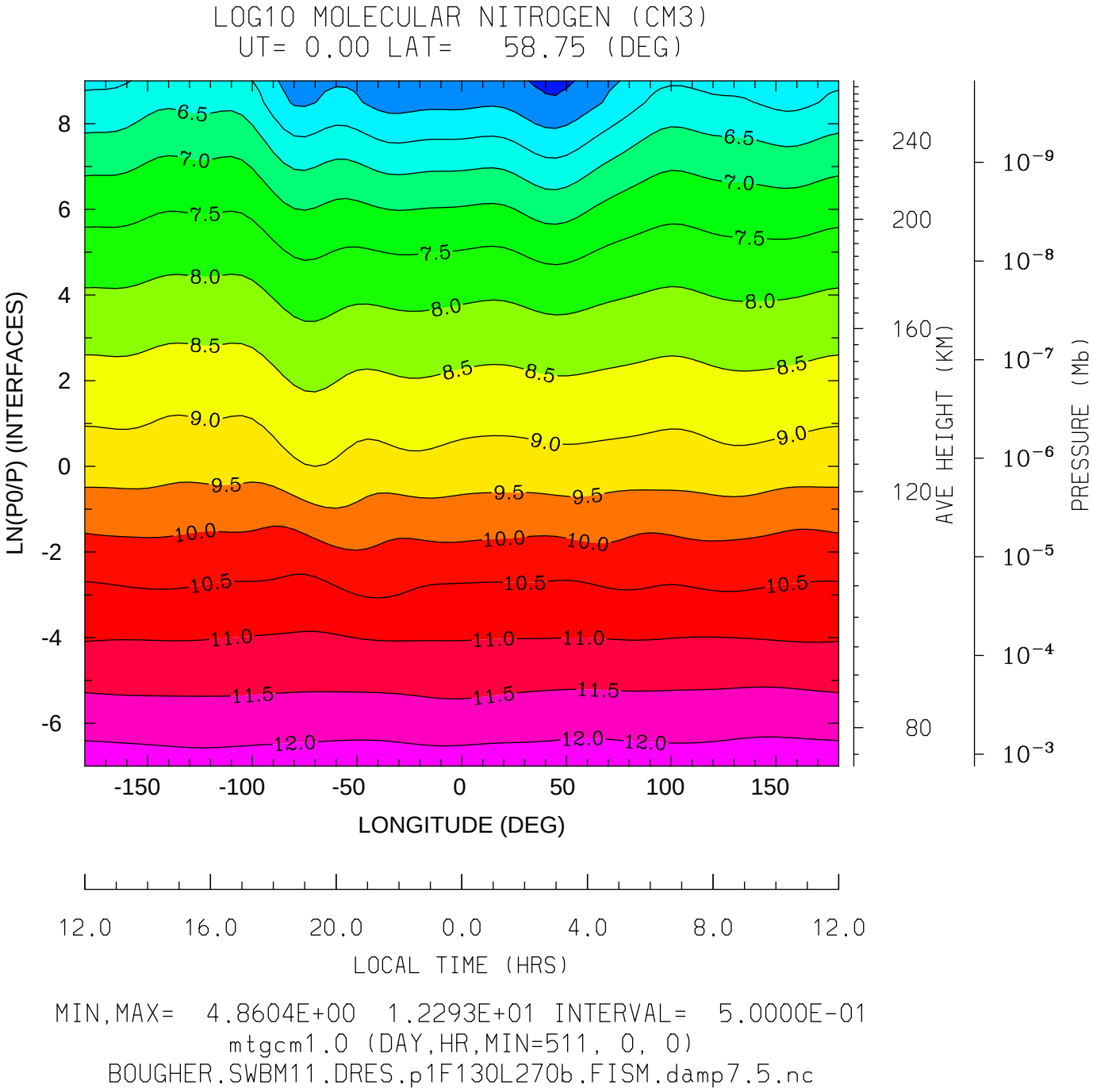
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 4.5241E+00 1.2278E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

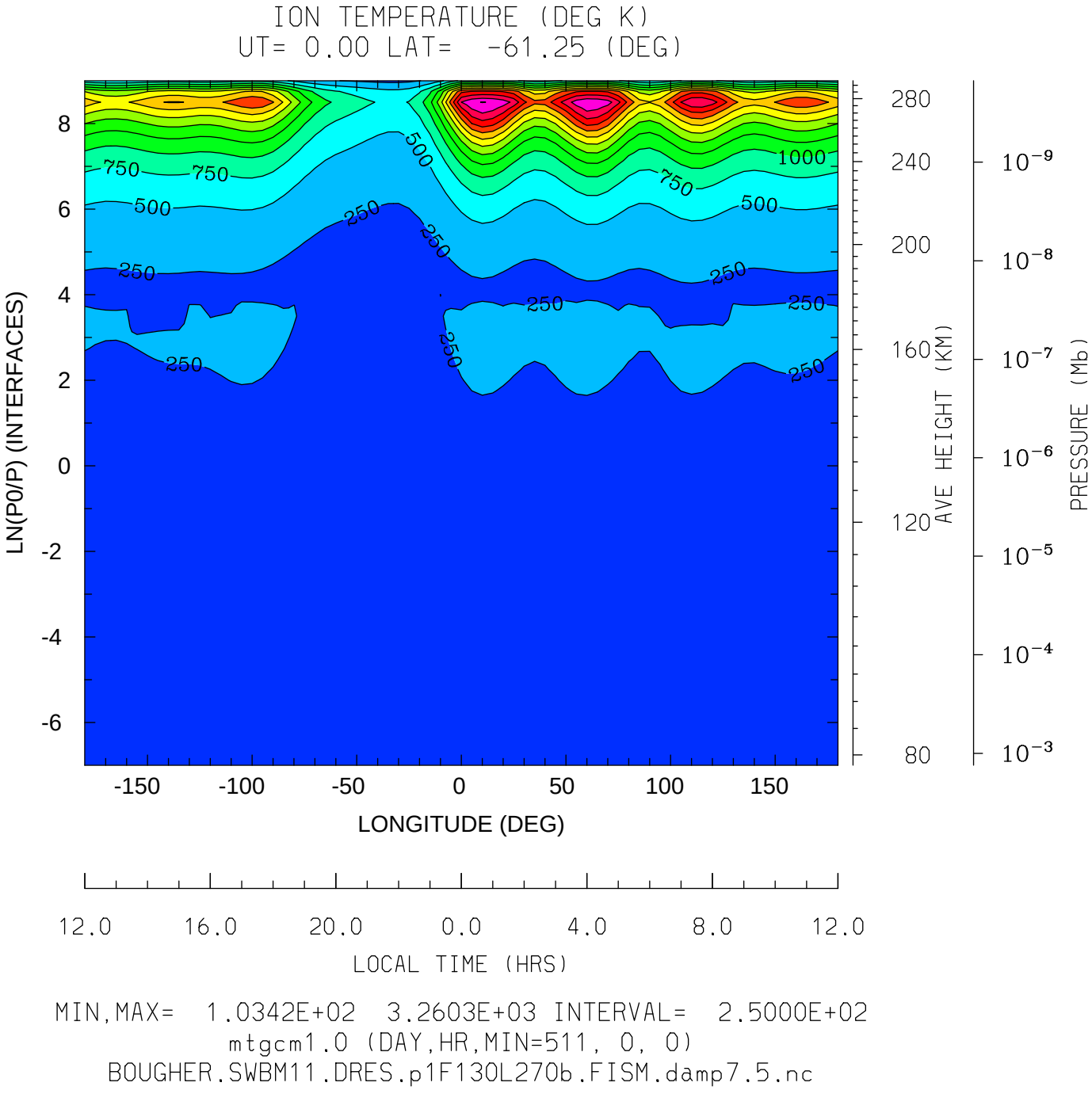
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 4.8604E+00 1.2293E+01 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

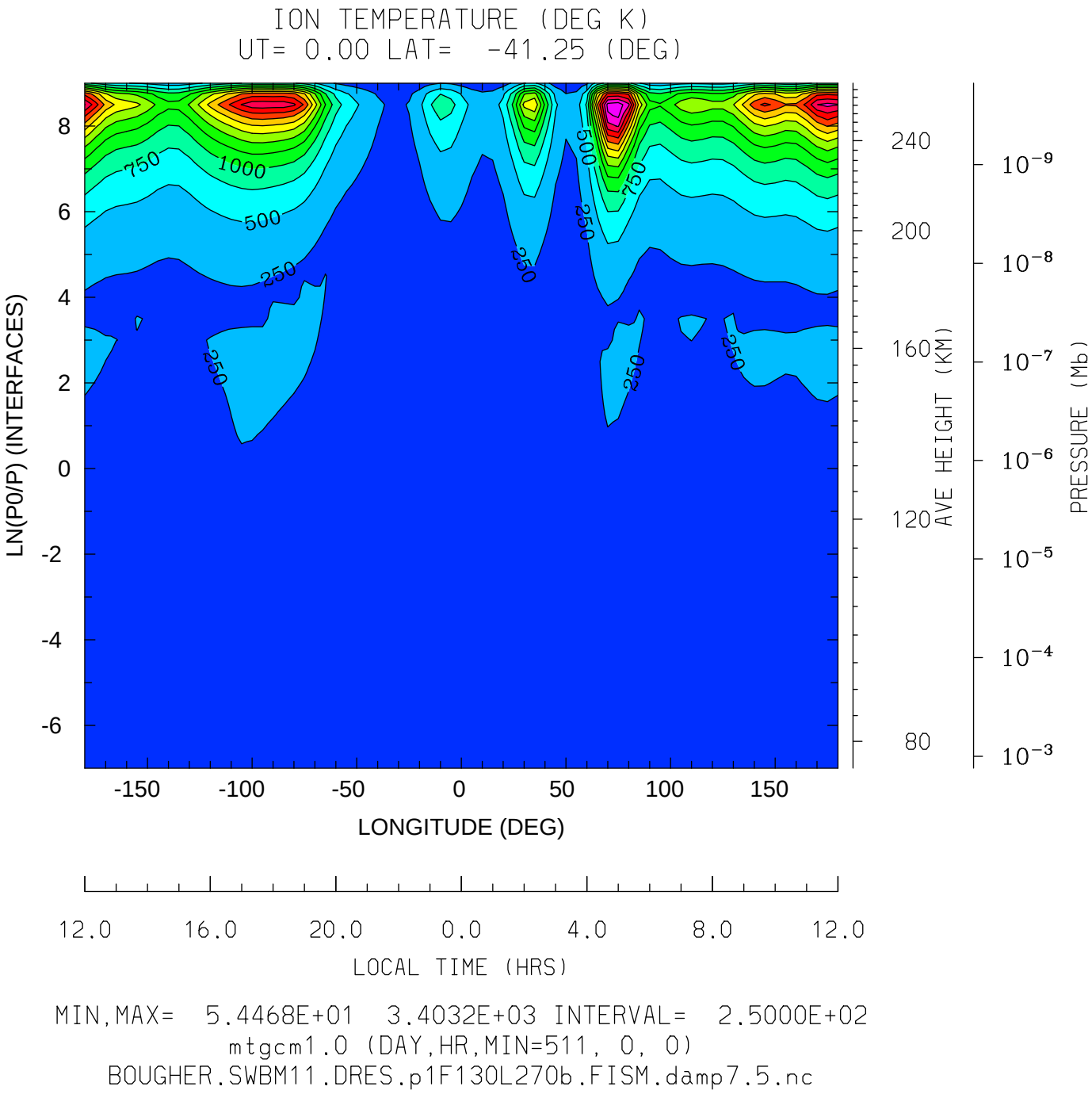
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 1.0342E+02 3.2603E+03 INTERVAL= 2.5000E+02

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

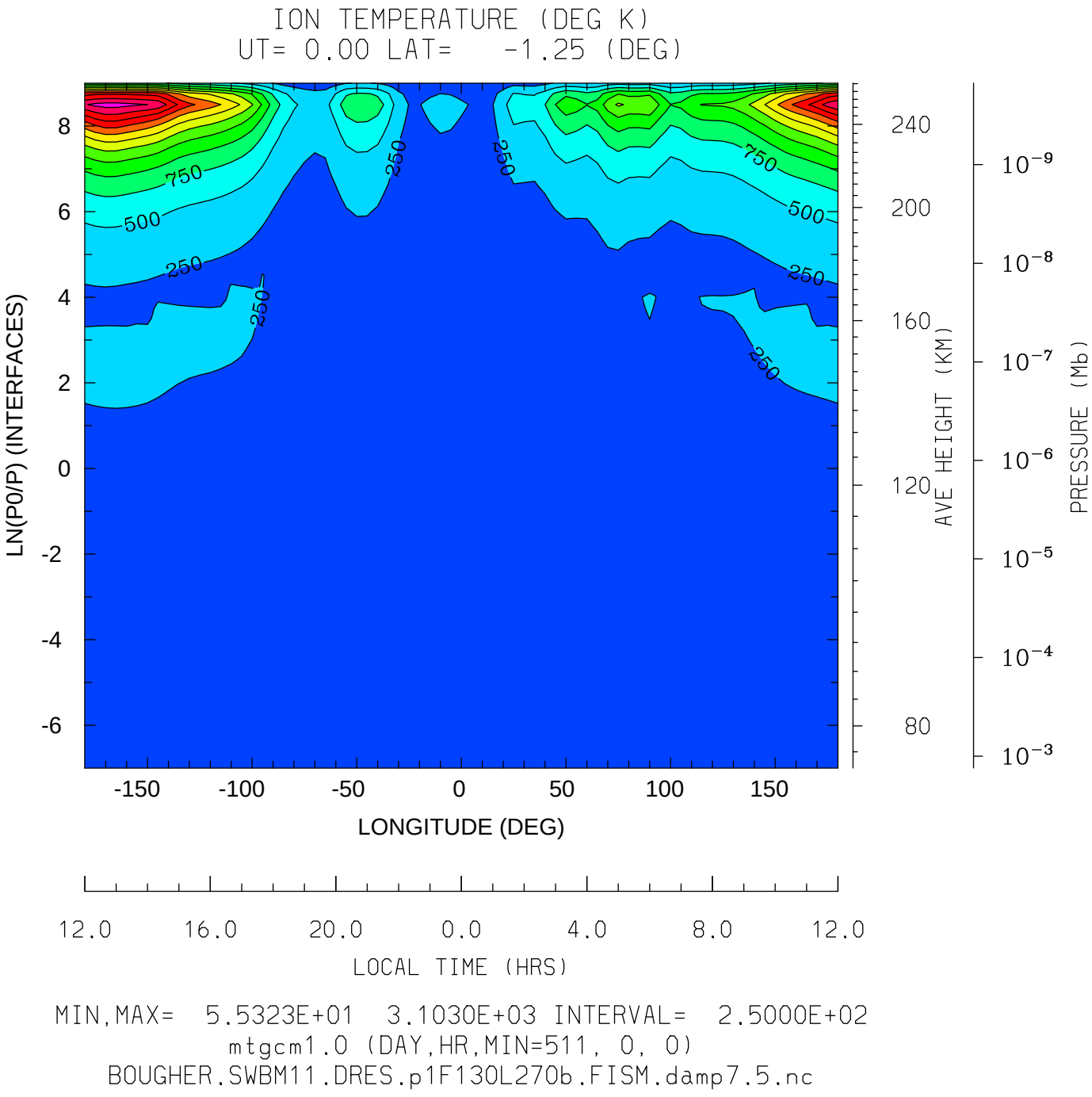
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

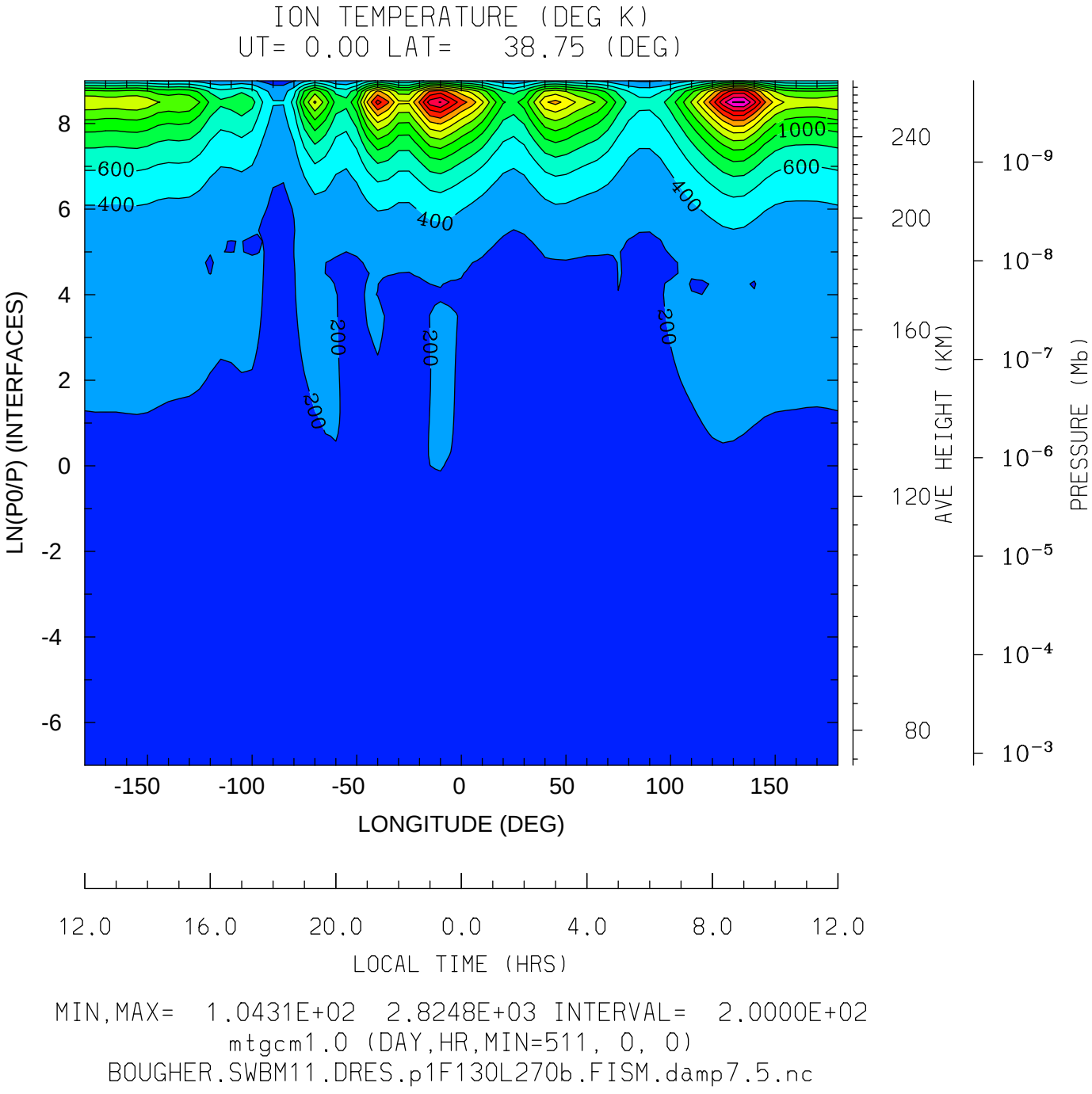


MIN,MAX= 5.4468E+01 3.4032E+03 INTERVAL= 2.5000E+02

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

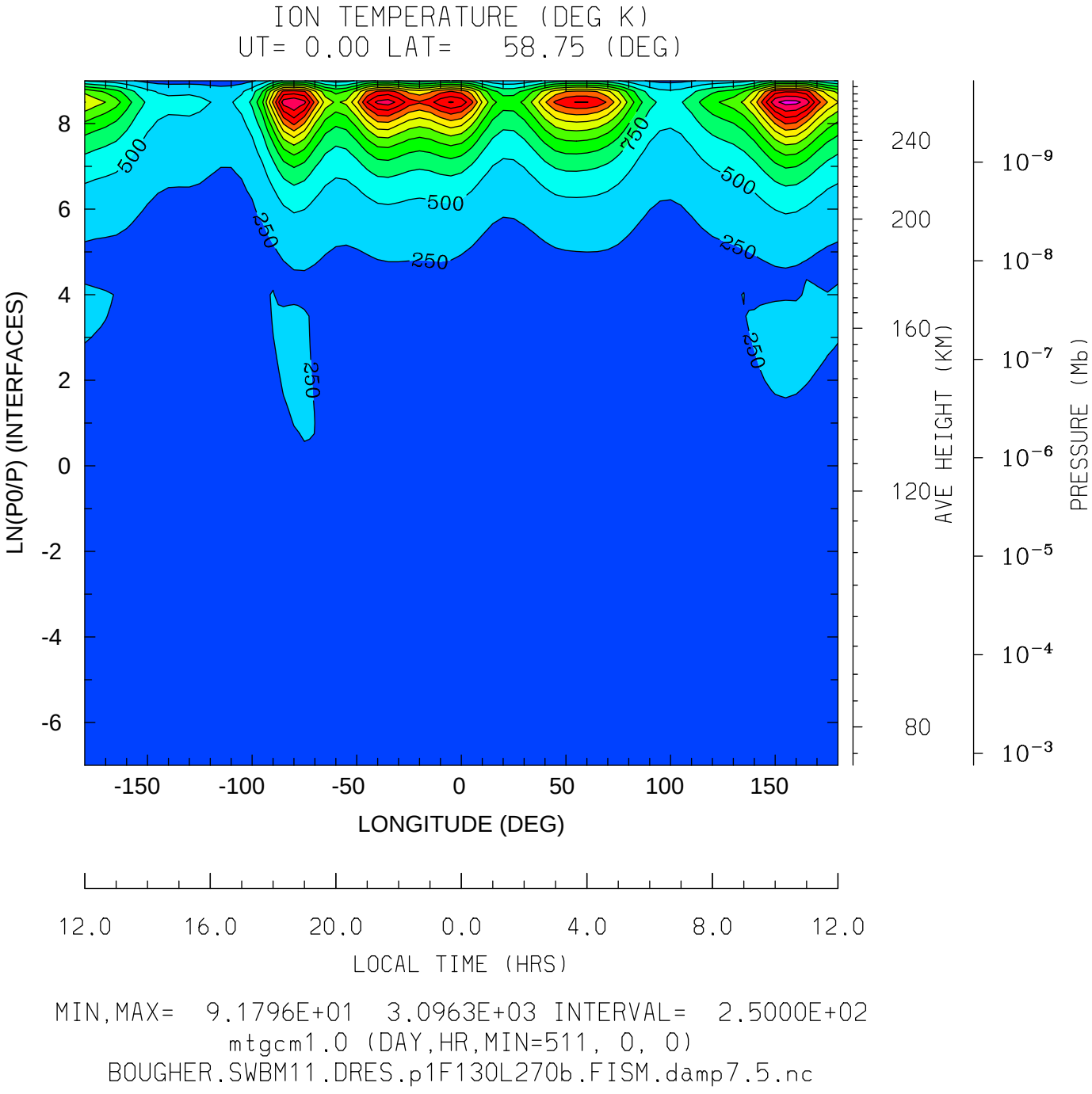

ION TEMPERATURE (DEG K)
UT= 0.00 LAT= -1.25 (DEG)
LN(P0/P) (INTERFACES)
8
6
4
2
0
-2
-4
-6
750
500
250
250
750
500
250
250
250
240
200
160
120
80
AVE HEIGHT (KM)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
PRESSURE (Mb)
-150
-100
-50
0
50
100
150
LONGITUDE (DEG)
12.0
16.0
20.0
0.0
4.0
8.0
12.0
LOCAL TIME (HRS)
MIN,MAX= 5.5323E+01 3.1030E+03 INTERVAL= 2.5000E+02
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 1.0431E+02 2.8248E+03 INTERVAL= 2.0000E+02

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

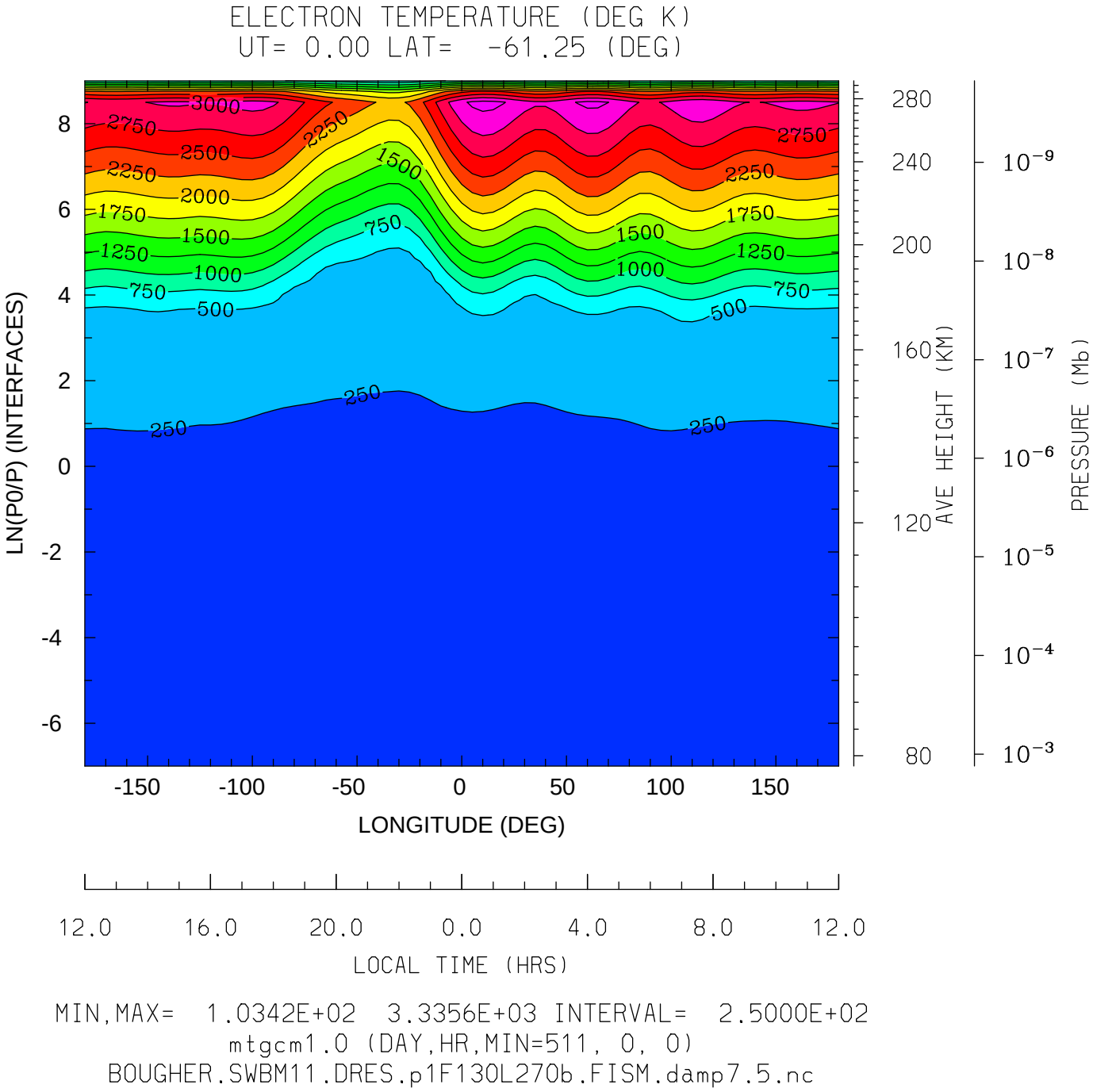
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

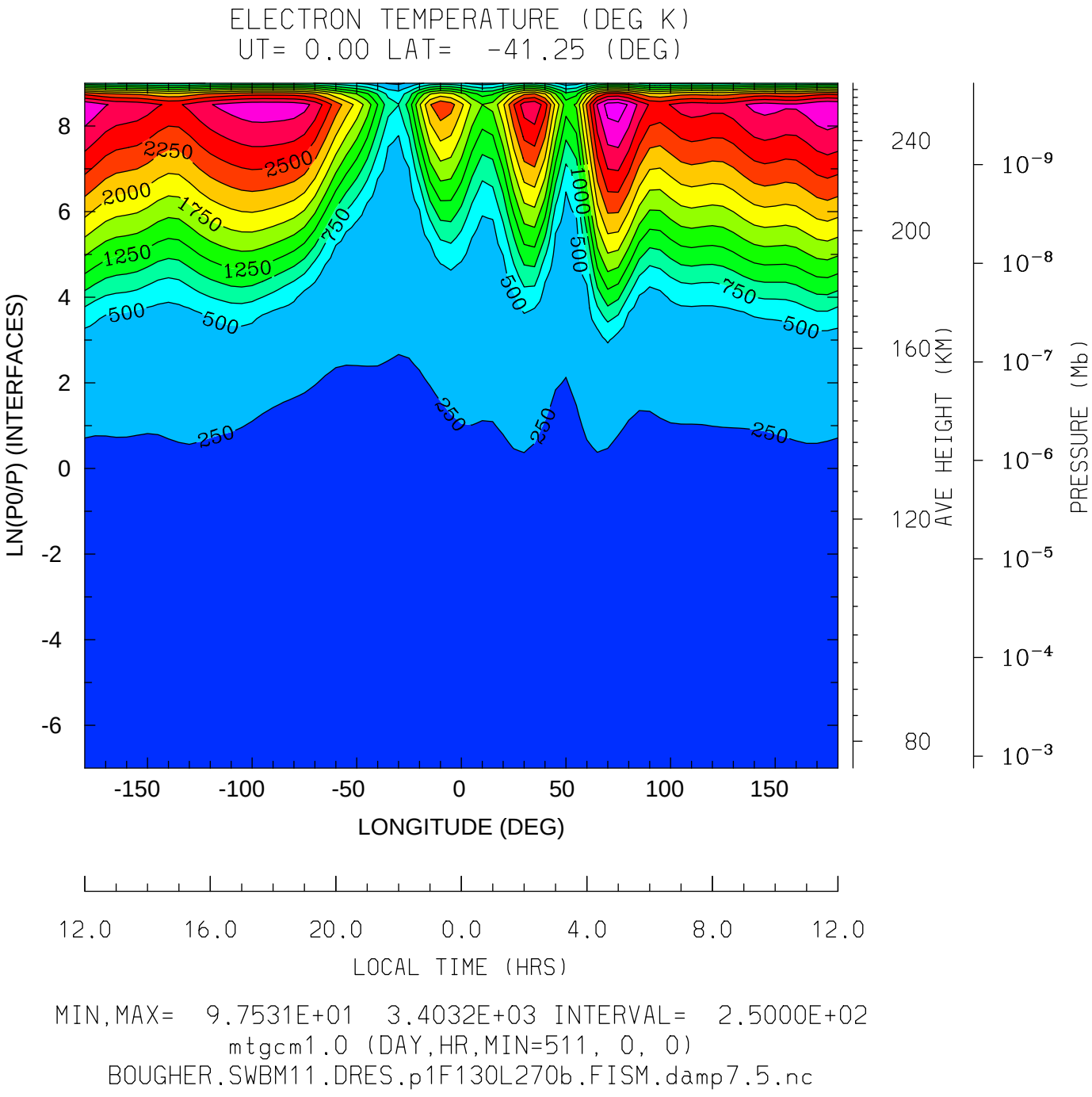


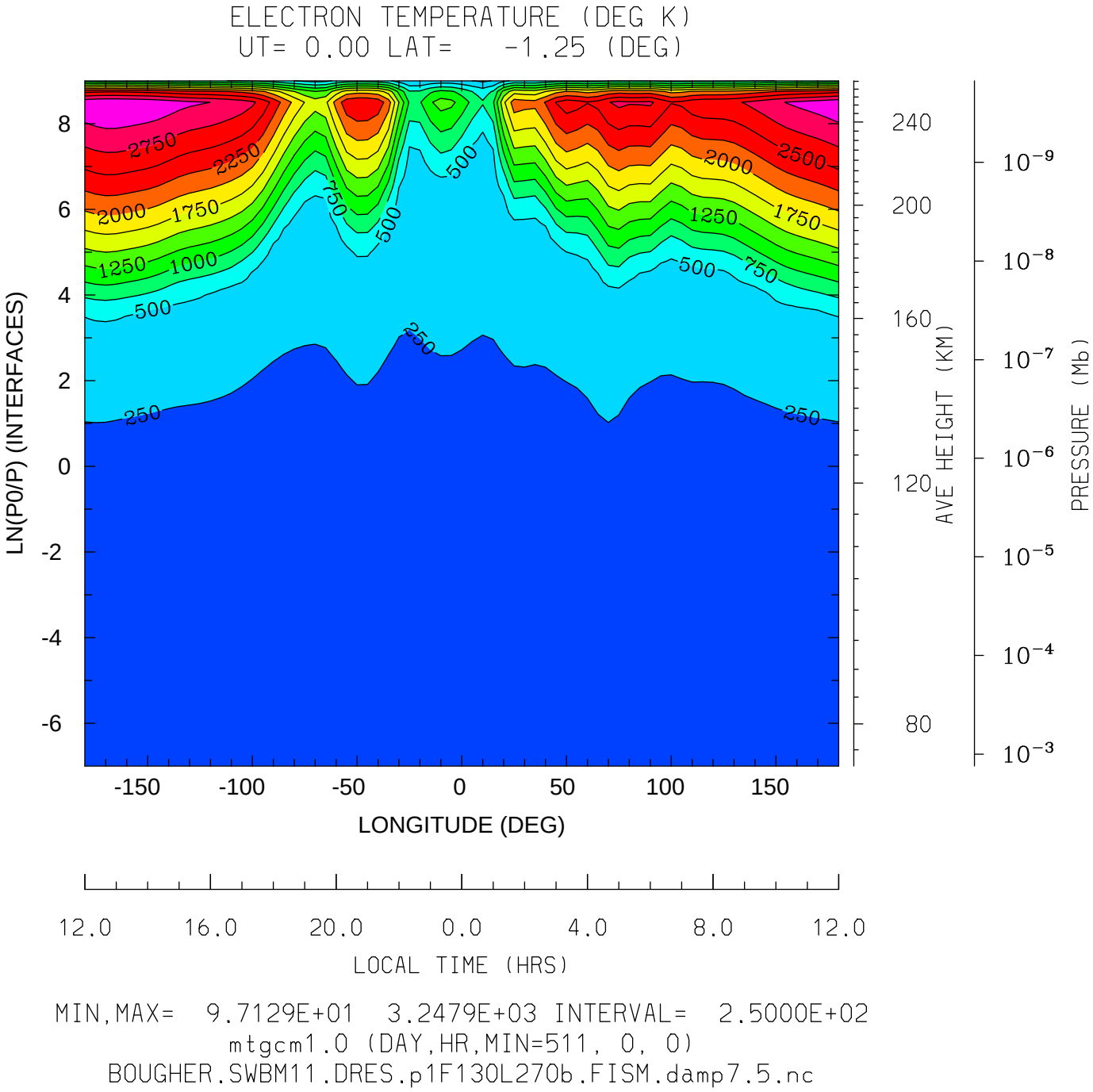
MIN,MAX= 9.1796E+01 3.0963E+03 INTERVAL= 2.5000E+02

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


ELECTRON TEMPERATURE (DEG K)
UT= 0.00 LAT= -61.25 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 1.0342E+02 3.3356E+03 INTERVAL= 2.5000E+02
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

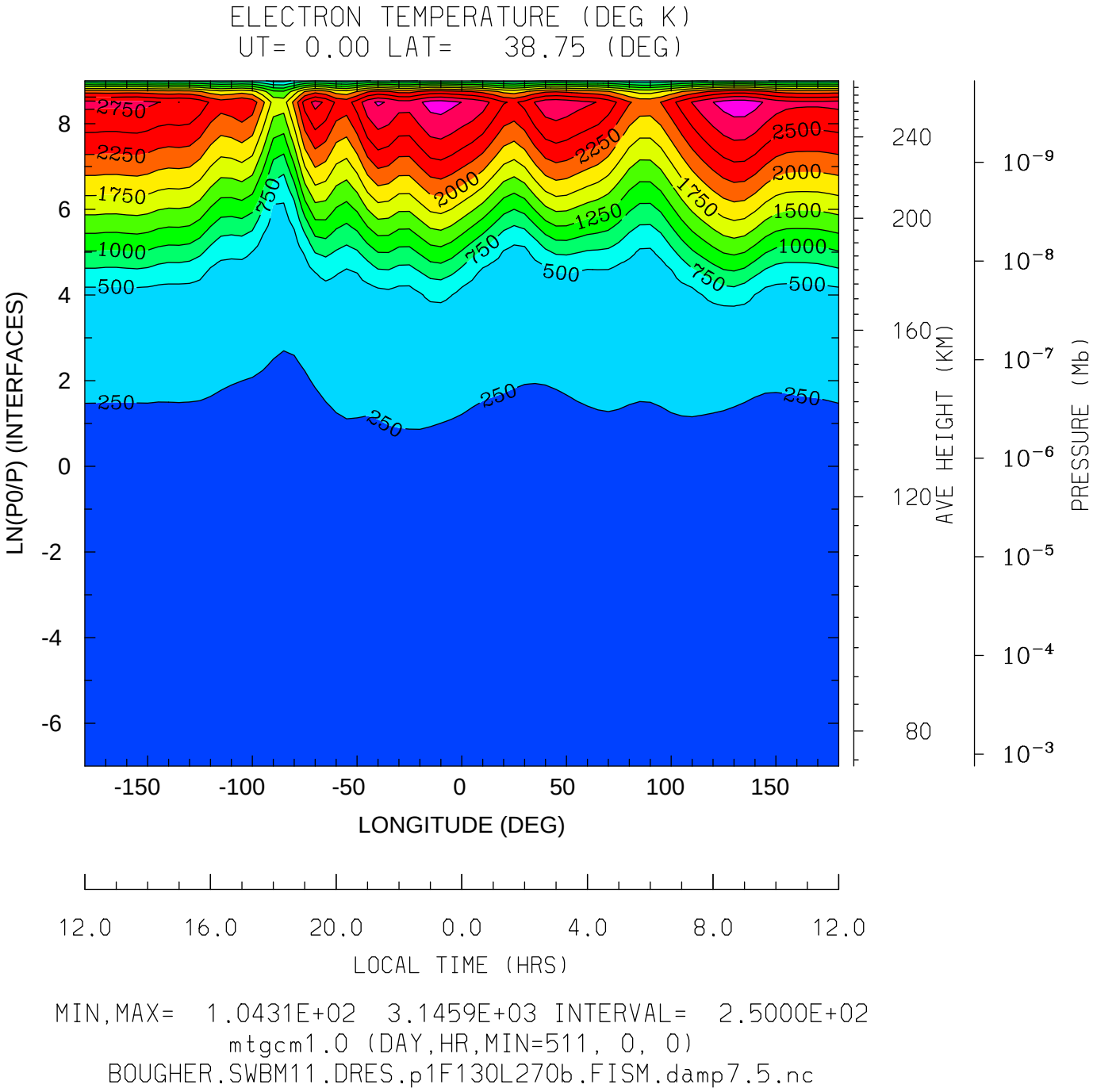

ELECTRON TEMPERATURE (DEG K)
UT= 0.00 LAT= -41.25 (DEG)
LN(P0/P) (INTERFACES)
8
6
4
2
0
-2
-4
-6
2250
2500
2000
1750
1250
1250
750
500
500
500
1000
500
750
500
250
250
250
250
-150
-100
-50
0
50
100
150
LONGITUDE (DEG)
240
200
160
120
80
AVE HEIGHT (KM)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
PRESSURE (Mb)
12.0
16.0
20.0
0.0
4.0
8.0
12.0
LOCAL TIME (HRS)
MIN,MAX= 9.7531E+01 3.4032E+03 INTERVAL= 2.5000E+02
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 9.7129E+01 3.2479E+03 INTERVAL= 2.5000E+02

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

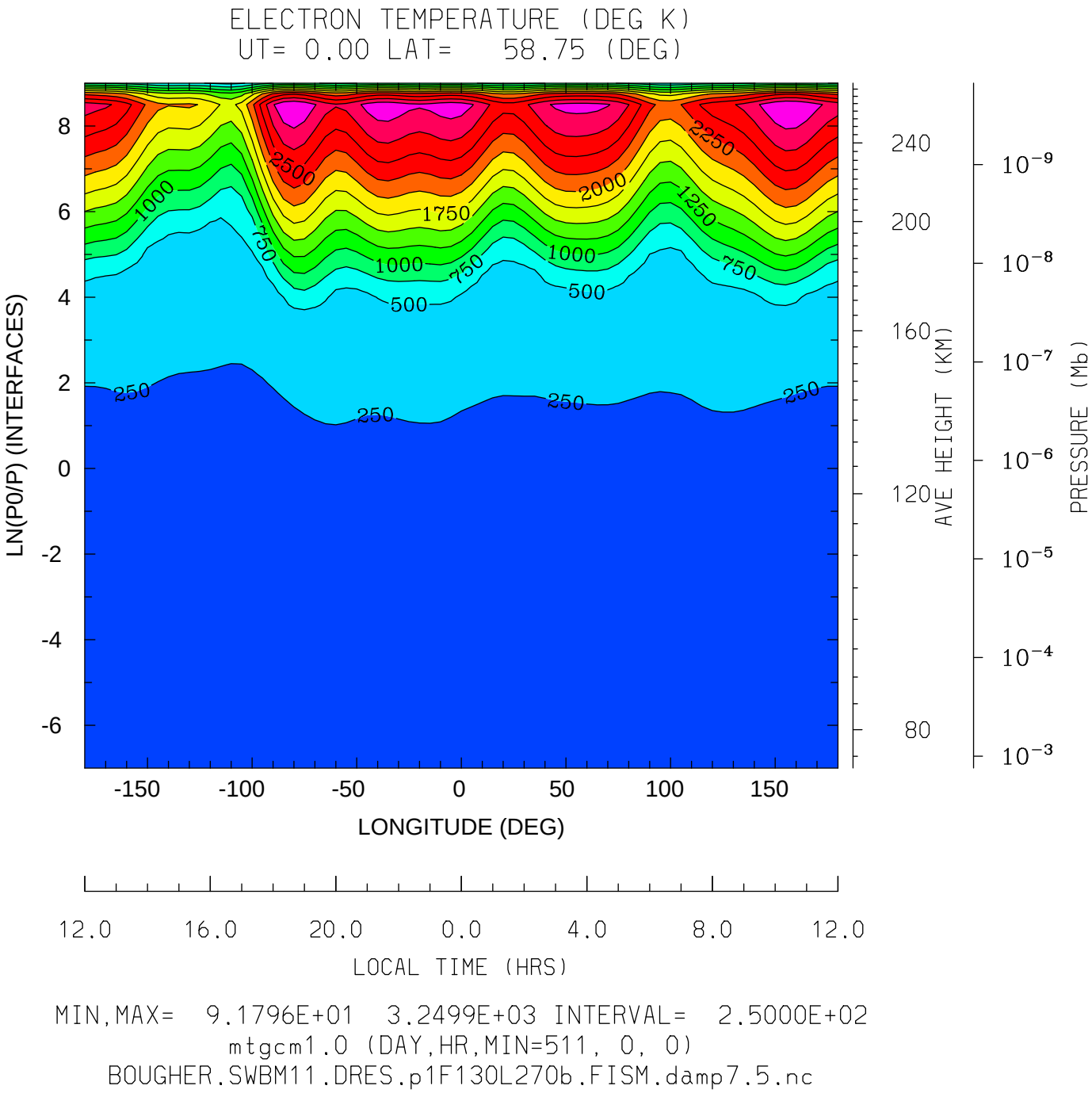
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 1.0431E+02 3.1459E+03 INTERVAL= 2.5000E+02

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

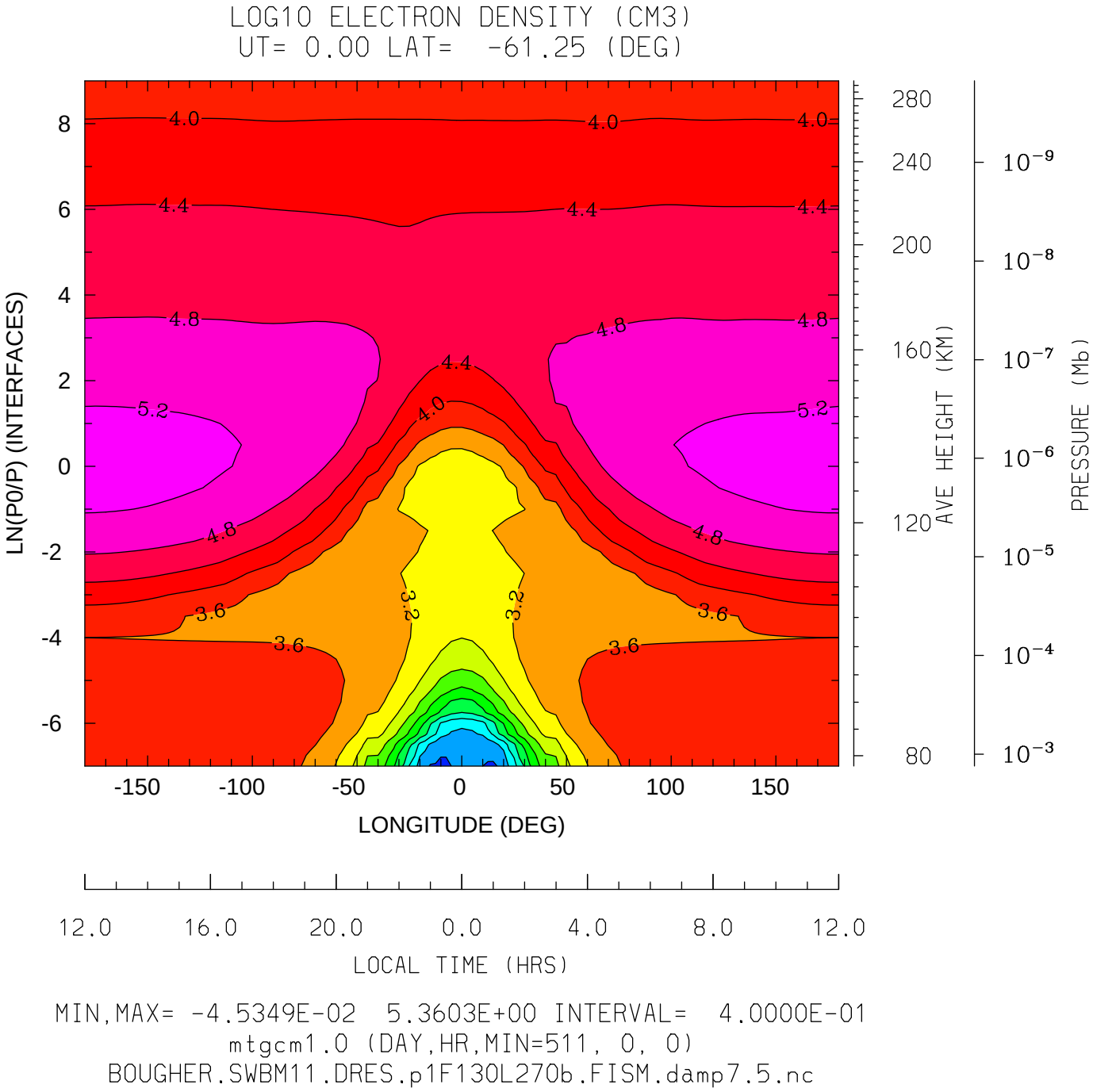
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 9.1796E+01 3.2499E+03 INTERVAL= 2.5000E+02

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

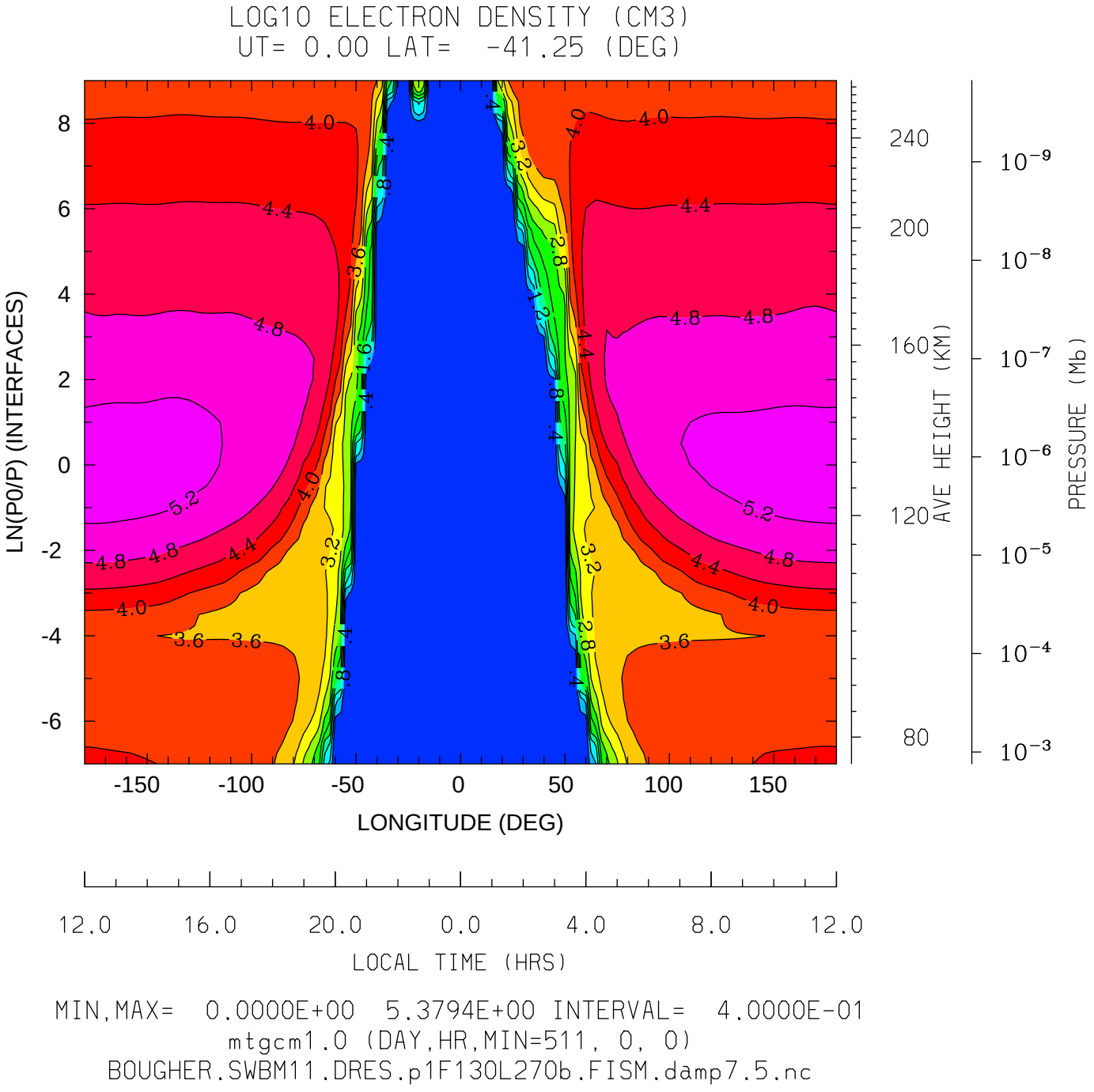
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

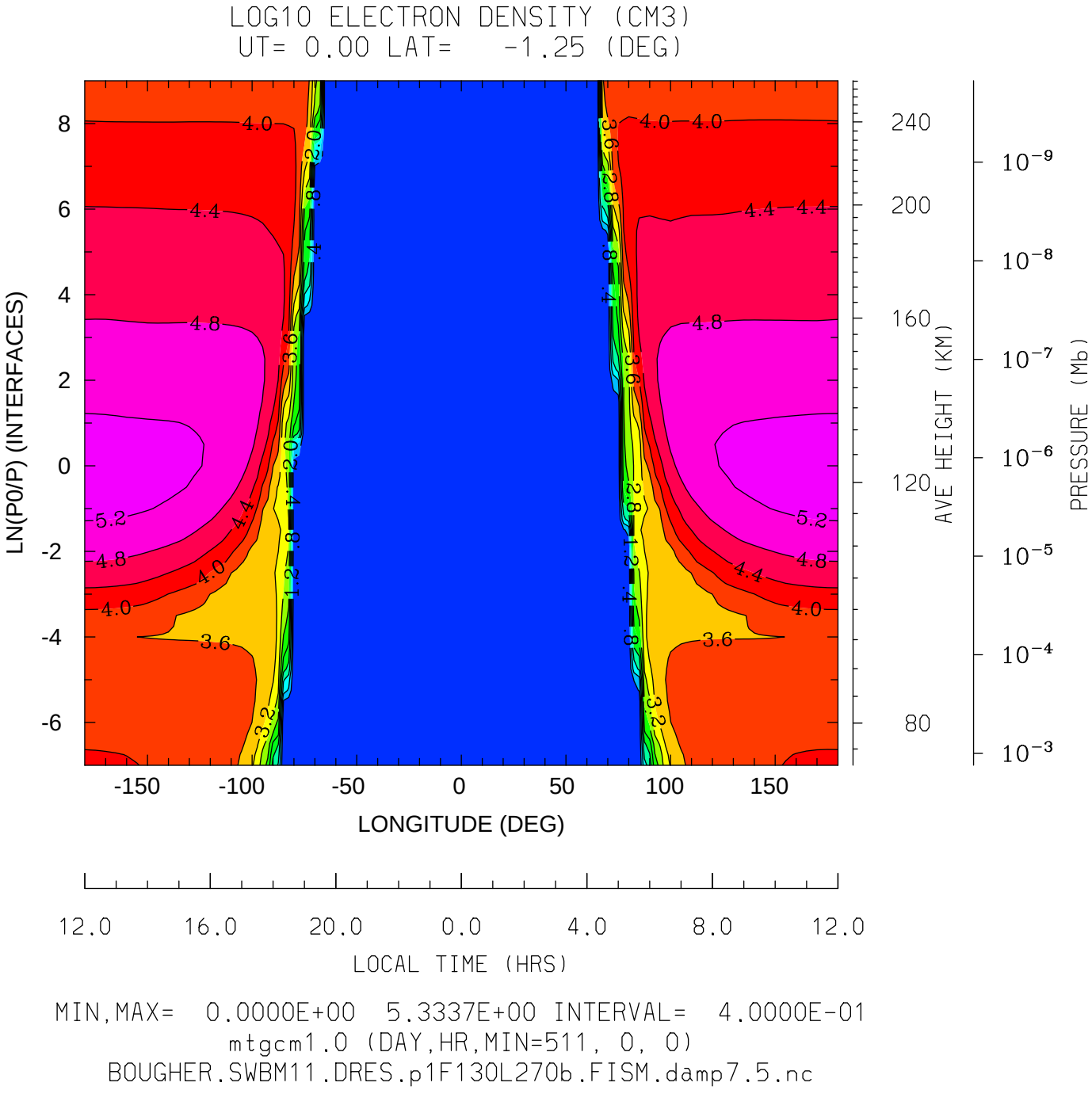


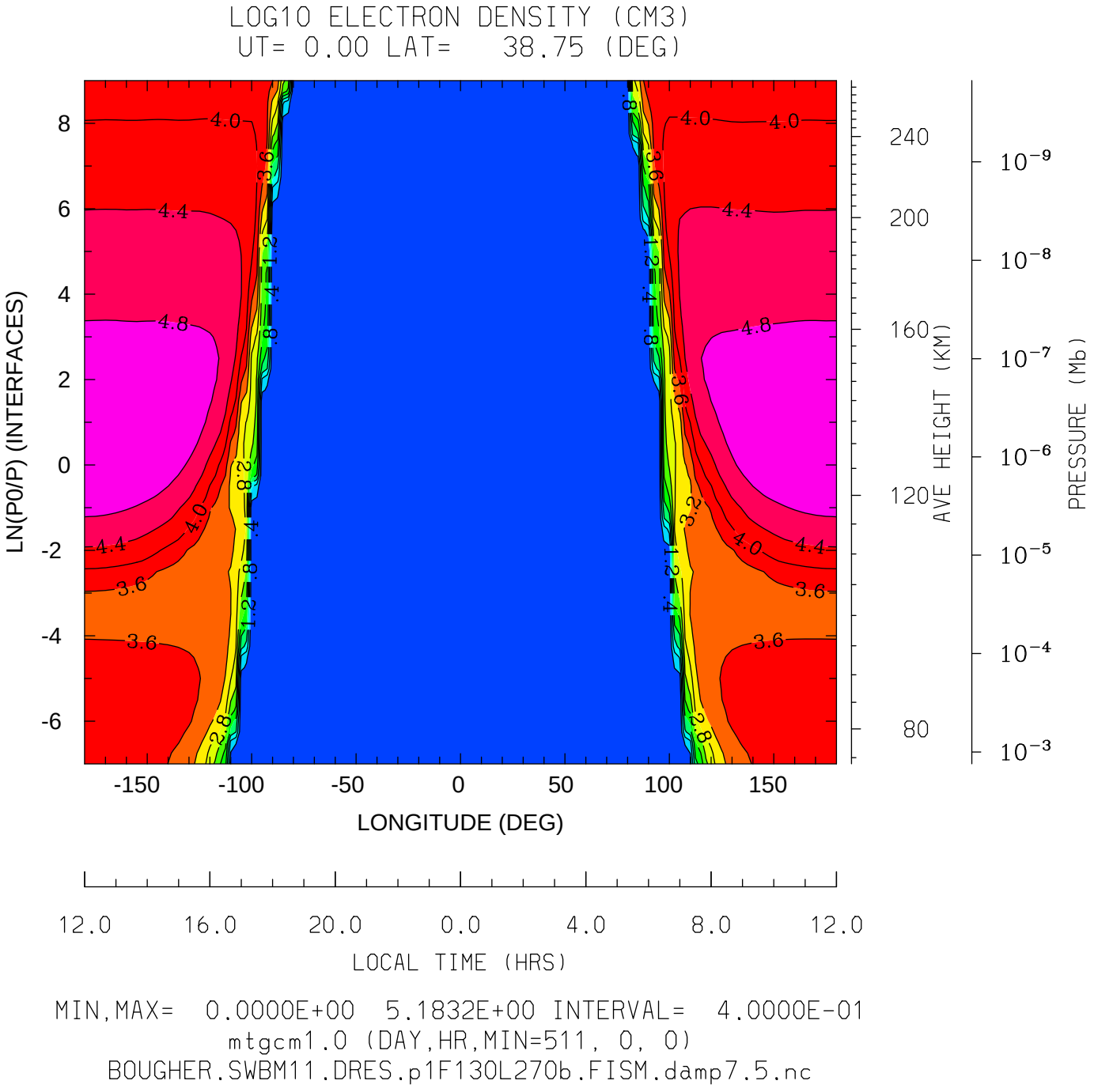
MIN,MAX= -4.5349E-02 5.3603E+00 INTERVAL= 4.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


LOG10 ELECTRON DENSITY (CM3)
UT= 0.00 LAT= -41.25 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 0.0000E+00 5.3794E+00 INTERVAL= 4.0000E-01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

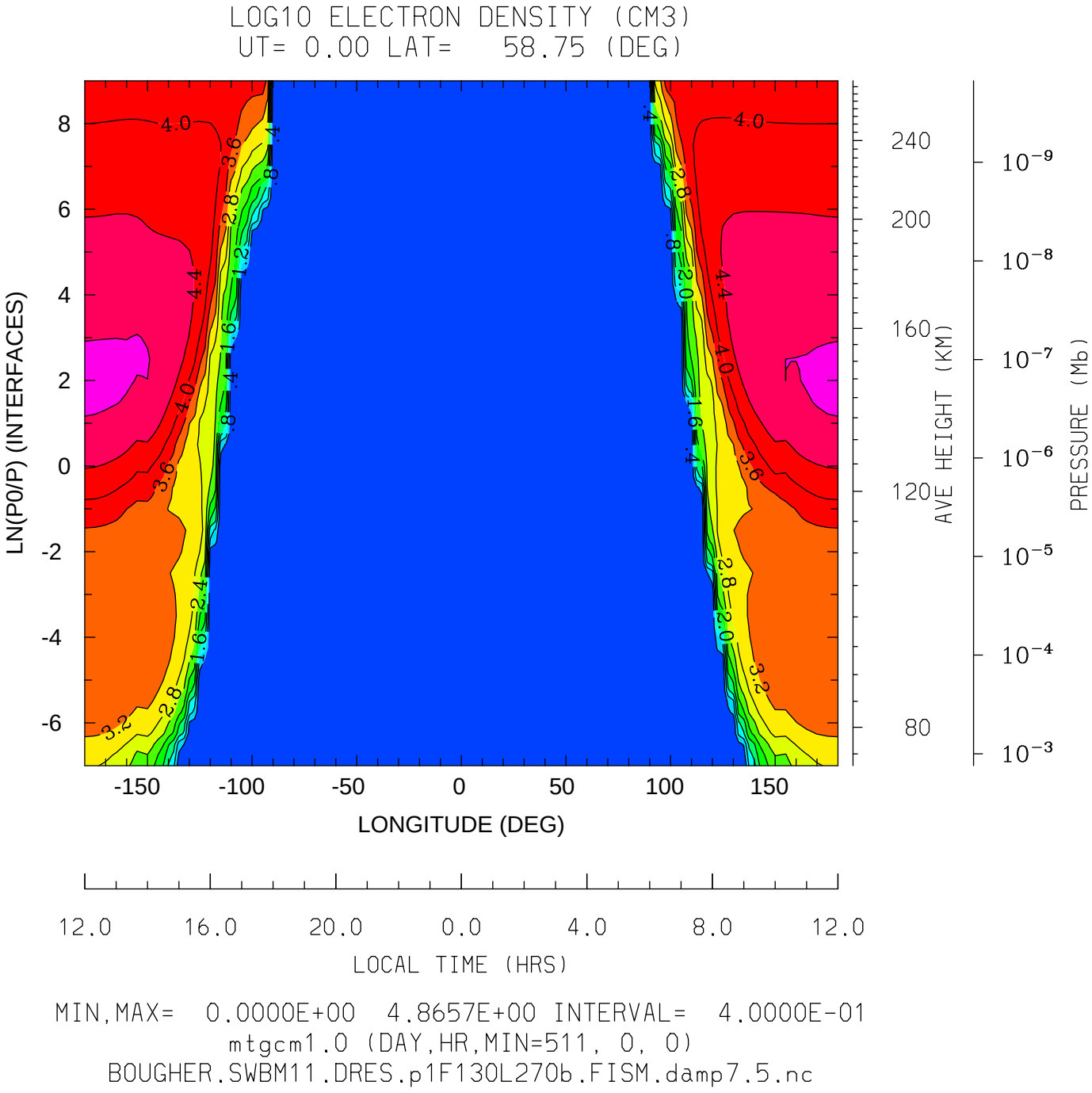

LOG10 ELECTRON DENSITY (CM3)
UT= 0.00 LAT= -1.25 (DEG)
LN(P0/P) (INTERFACES)
LONGITUDE (DEG)
LOCAL TIME (HRS)
AVE HEIGHT (KM)
PRESSURE (Mb)
MIN,MAX= 0.0000E+00 5.3337E+00 INTERVAL= 4.0000E-01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 0.0000E+00 5.1832E+00 INTERVAL= 4.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

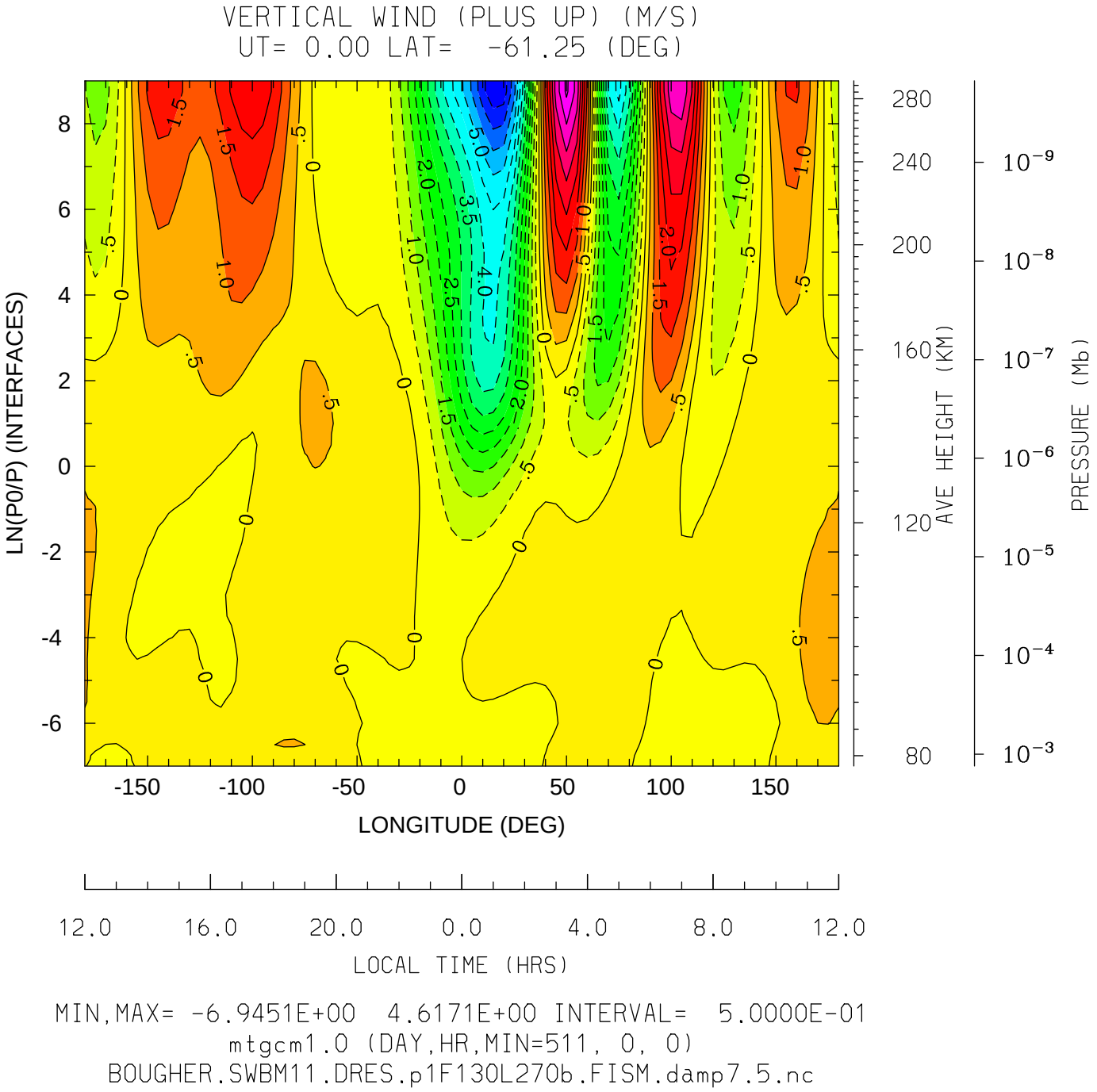
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 0.0000E+00 4.8657E+00 INTERVAL= 4.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

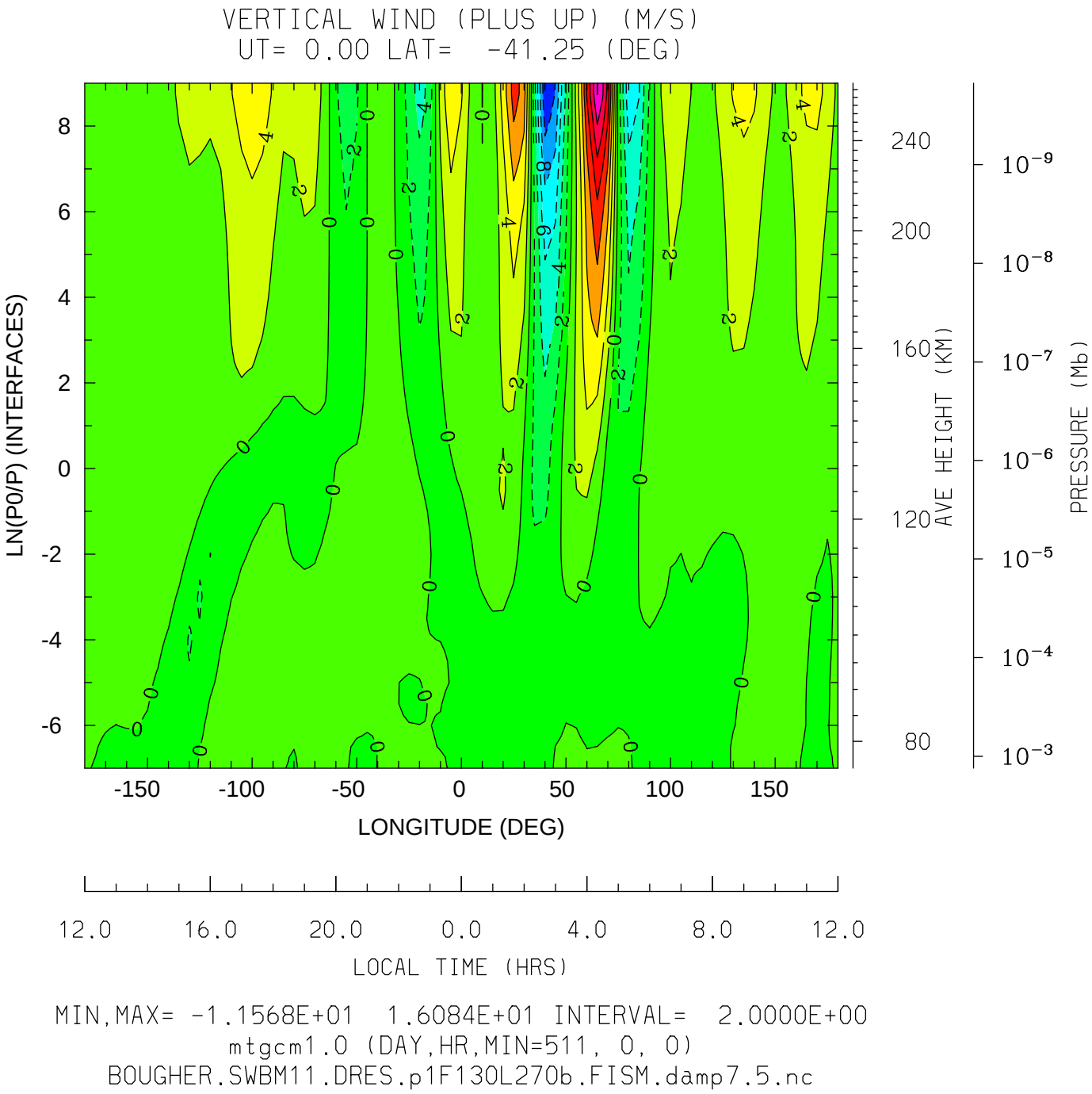
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= -6.9451E+00 4.6171E+00 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

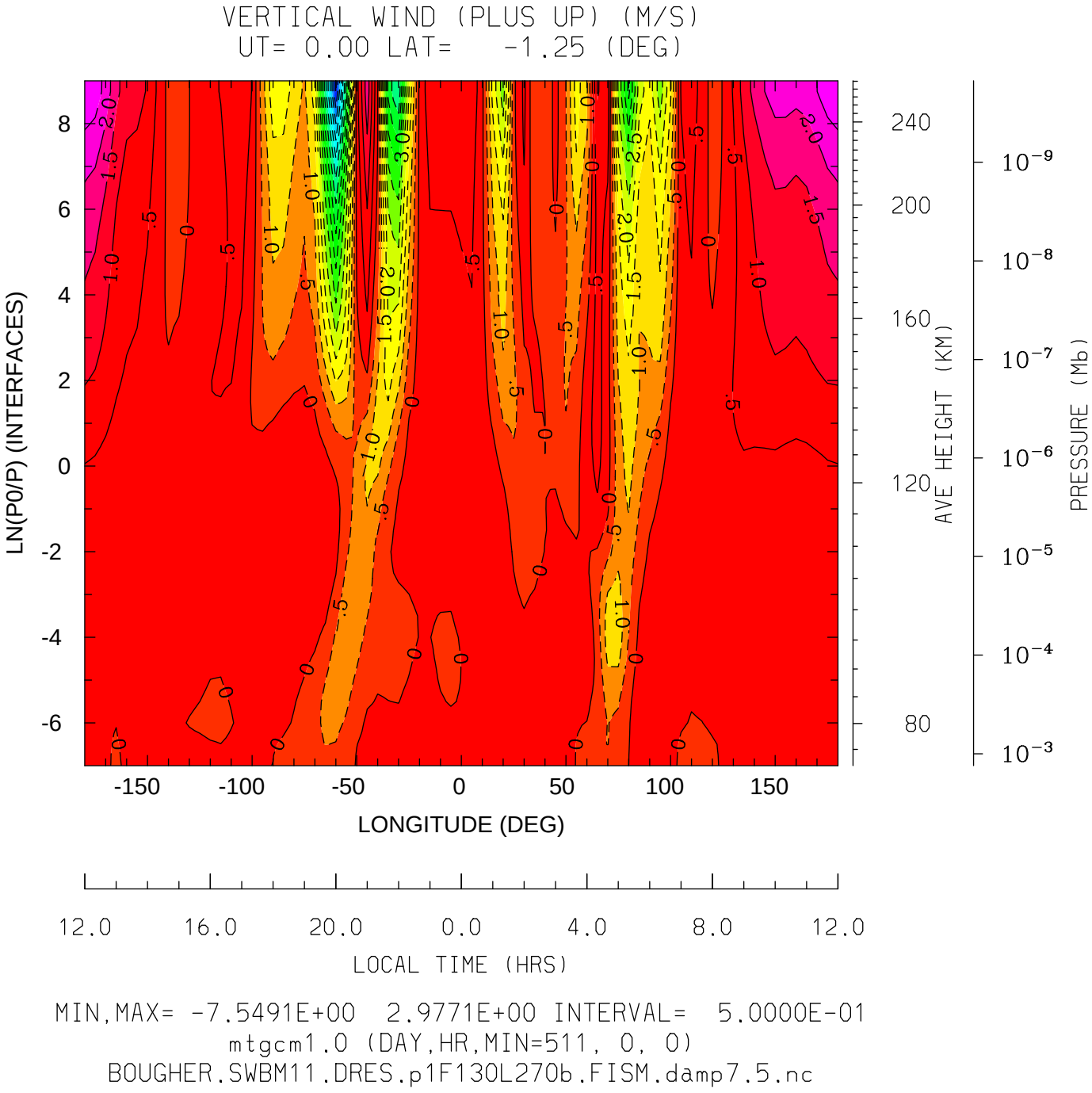
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= -1.1568E+01 1.6084E+01 INTERVAL= 2.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

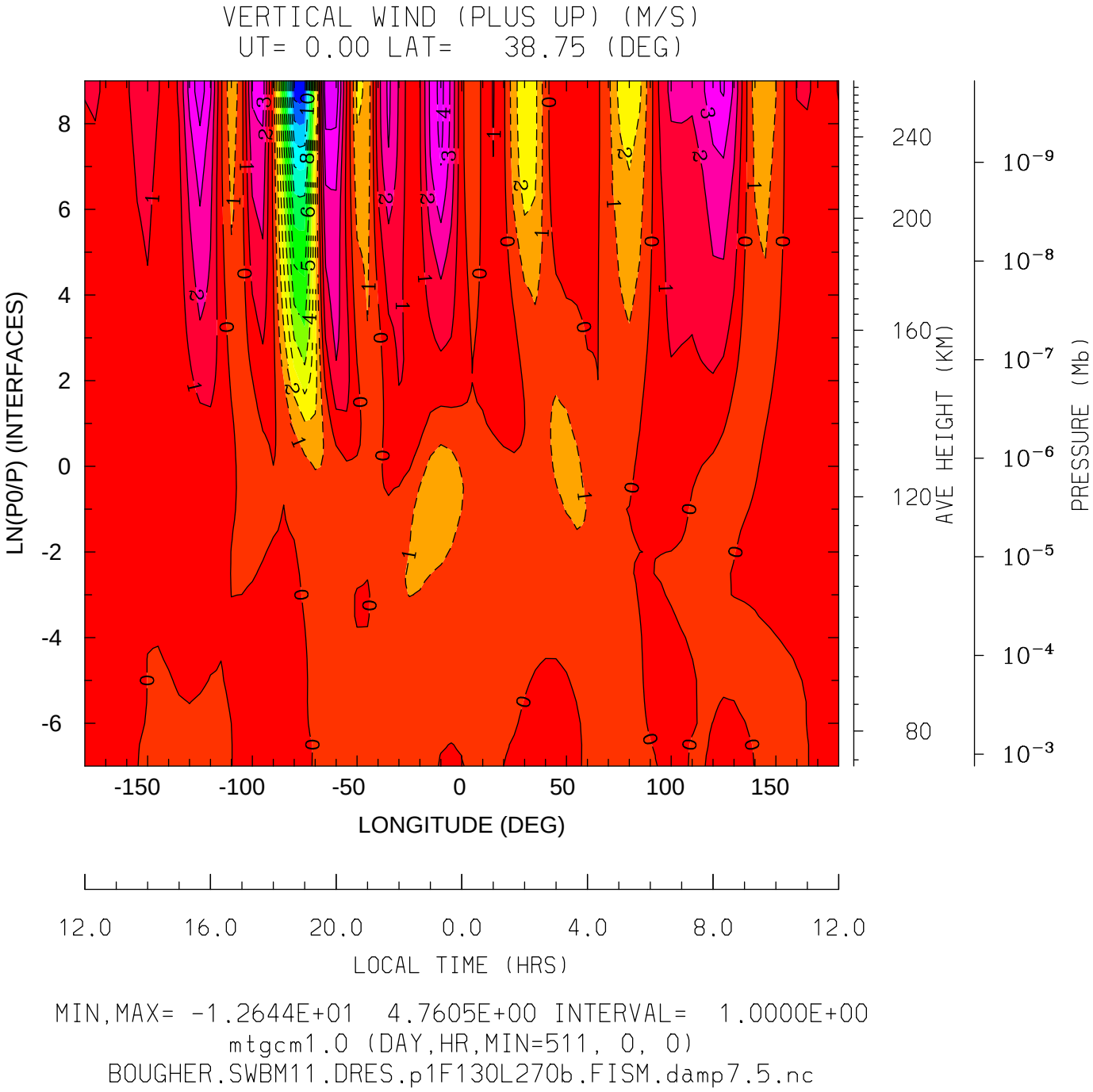
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= -7.5491E+00 2.9771E+00 INTERVAL= 5.0000E-01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

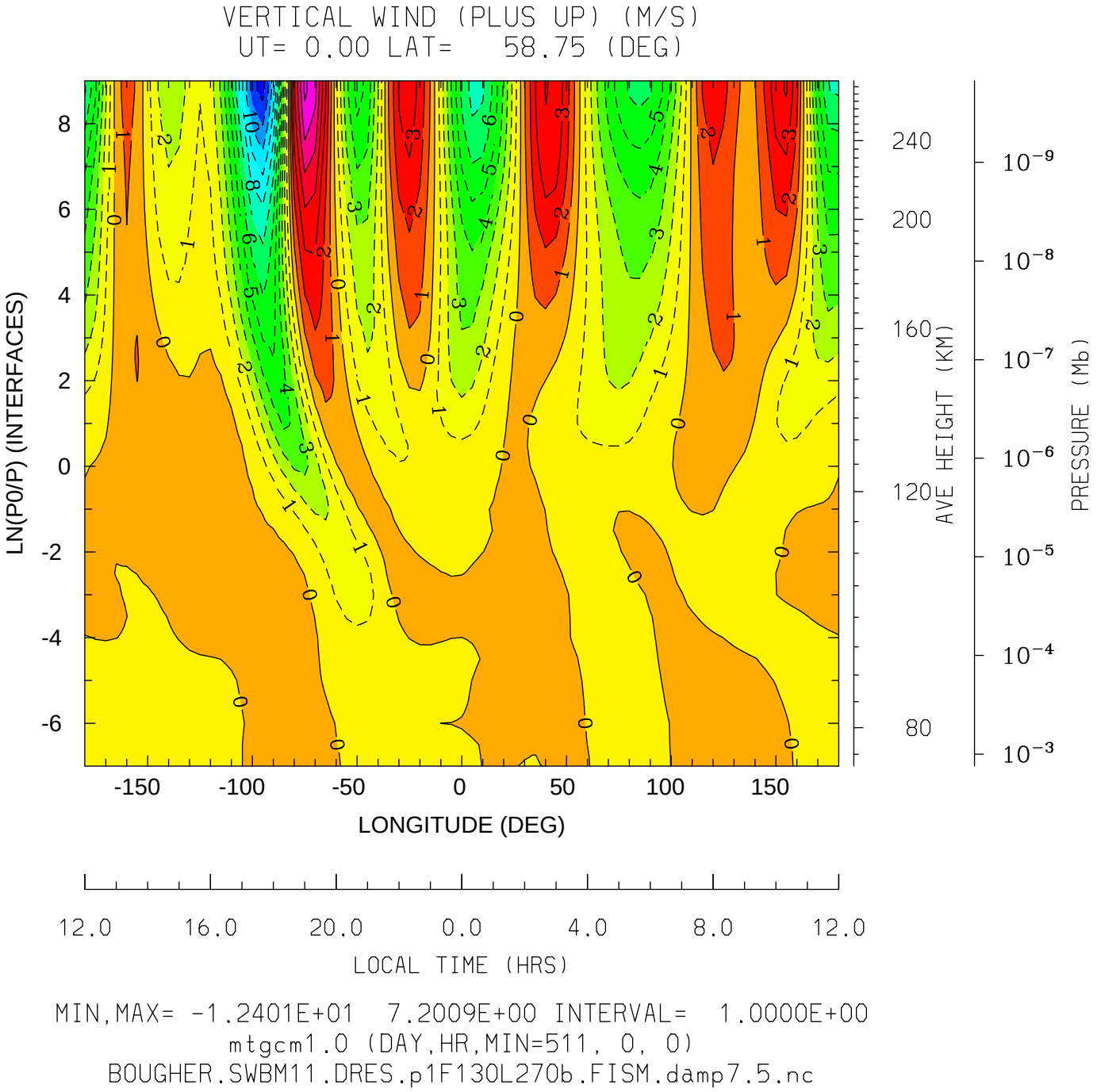
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

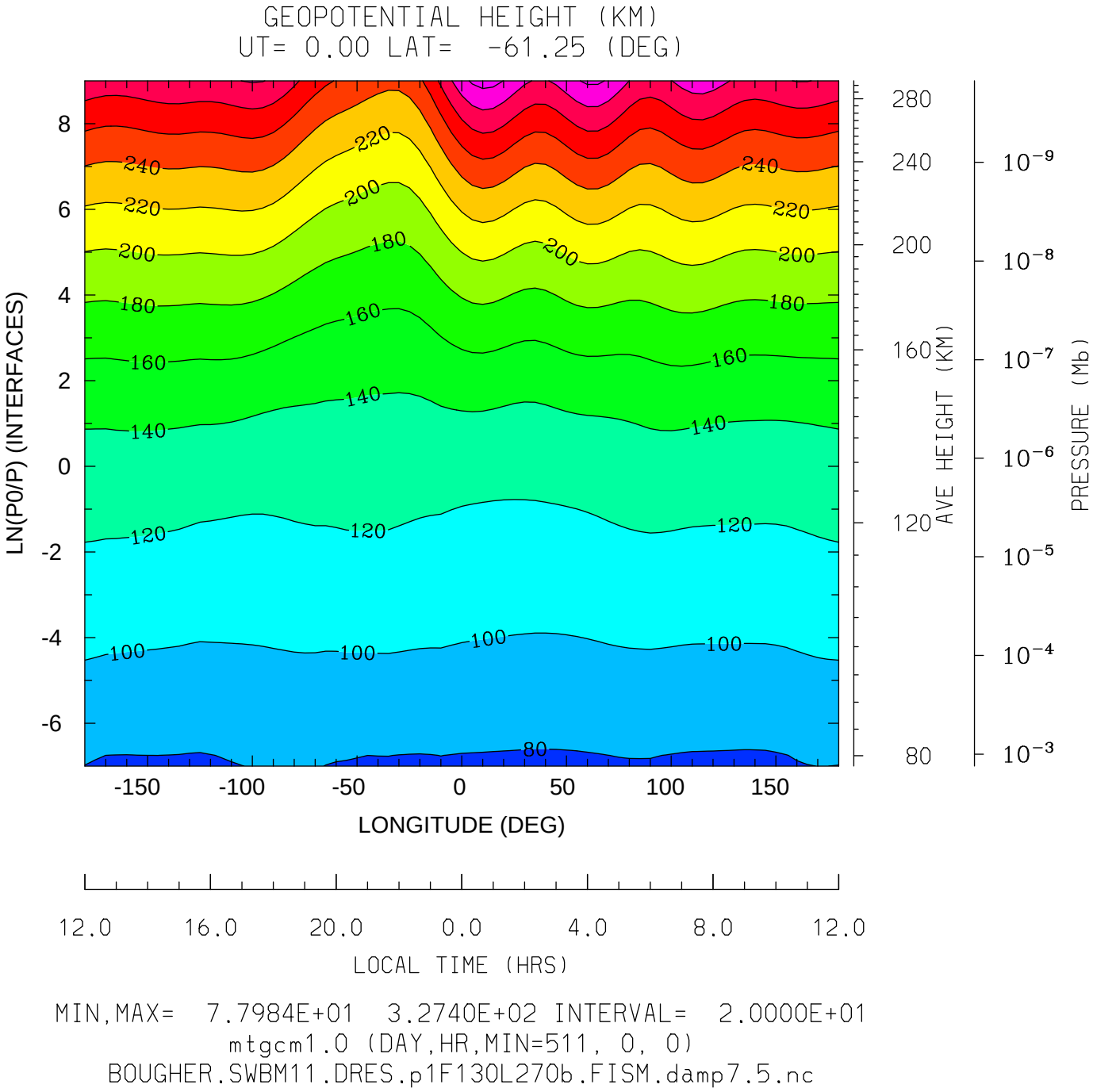


MIN,MAX= -1.2644E+01 4.7605E+00 INTERVAL= 1.0000E+00

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

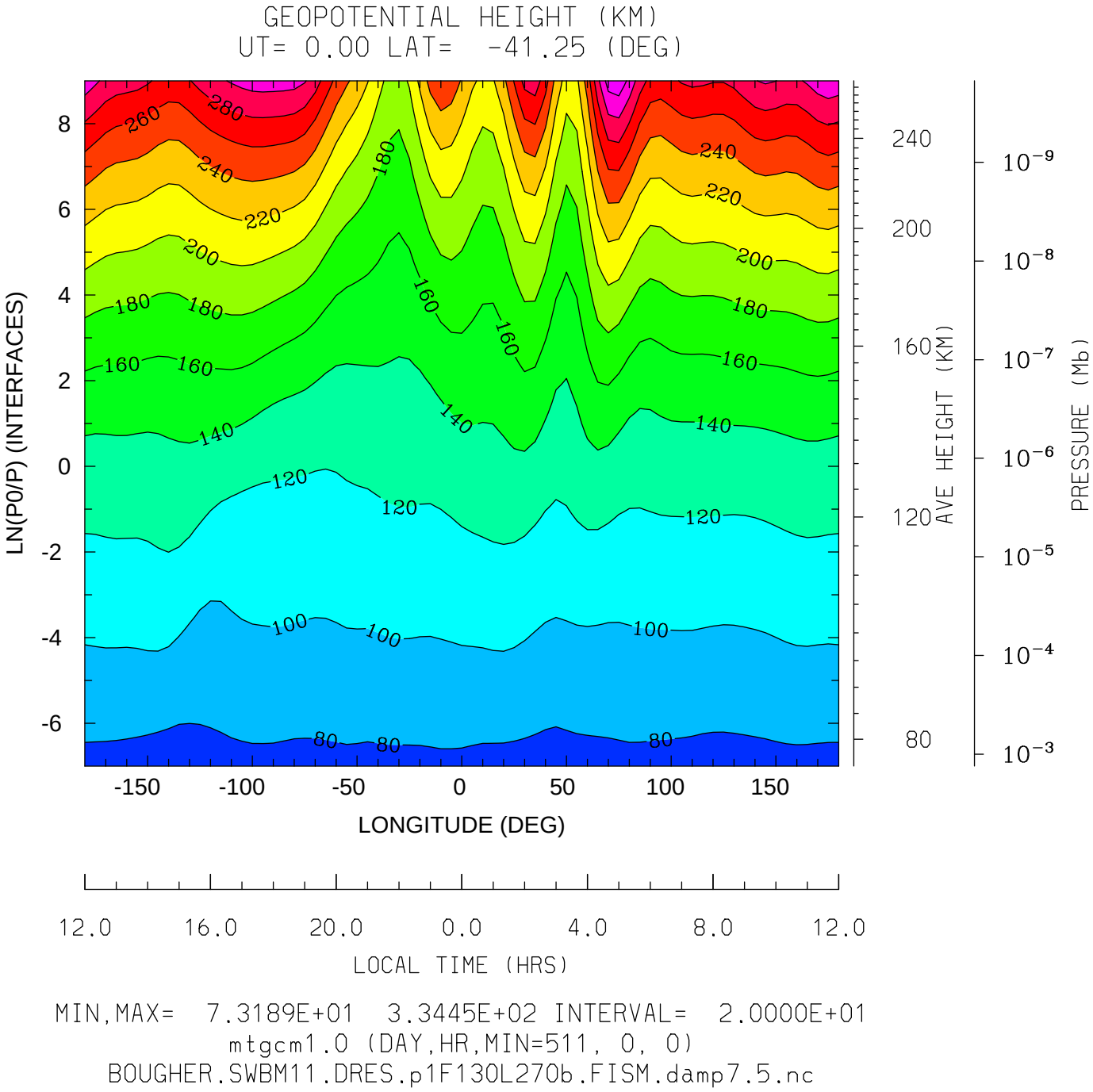

VERTICAL WIND (PLUS UP) (M/S)
UT= 0.00 LAT= 58.75 (DEG)
LN(P0/P) (INTERFACES)
8
6
4
2
0
-2
-4
-6
-150
-100
-50
0
50
100
150
LONGITUDE (DEG)
240
200
160
120
80
AVE HEIGHT (KM)
10^{-9}
10^{-8}
10^{-7}
10^{-6}
10^{-5}
10^{-4}
10^{-3}
PRESSURE (Mb)
12.0
16.0
20.0
0.0
4.0
8.0
12.0
LOCAL TIME (HRS)
MIN,MAX= -1.2401E+01 7.2009E+00 INTERVAL= 1.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 7.7984E+01 3.2740E+02 INTERVAL= 2.0000E+01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

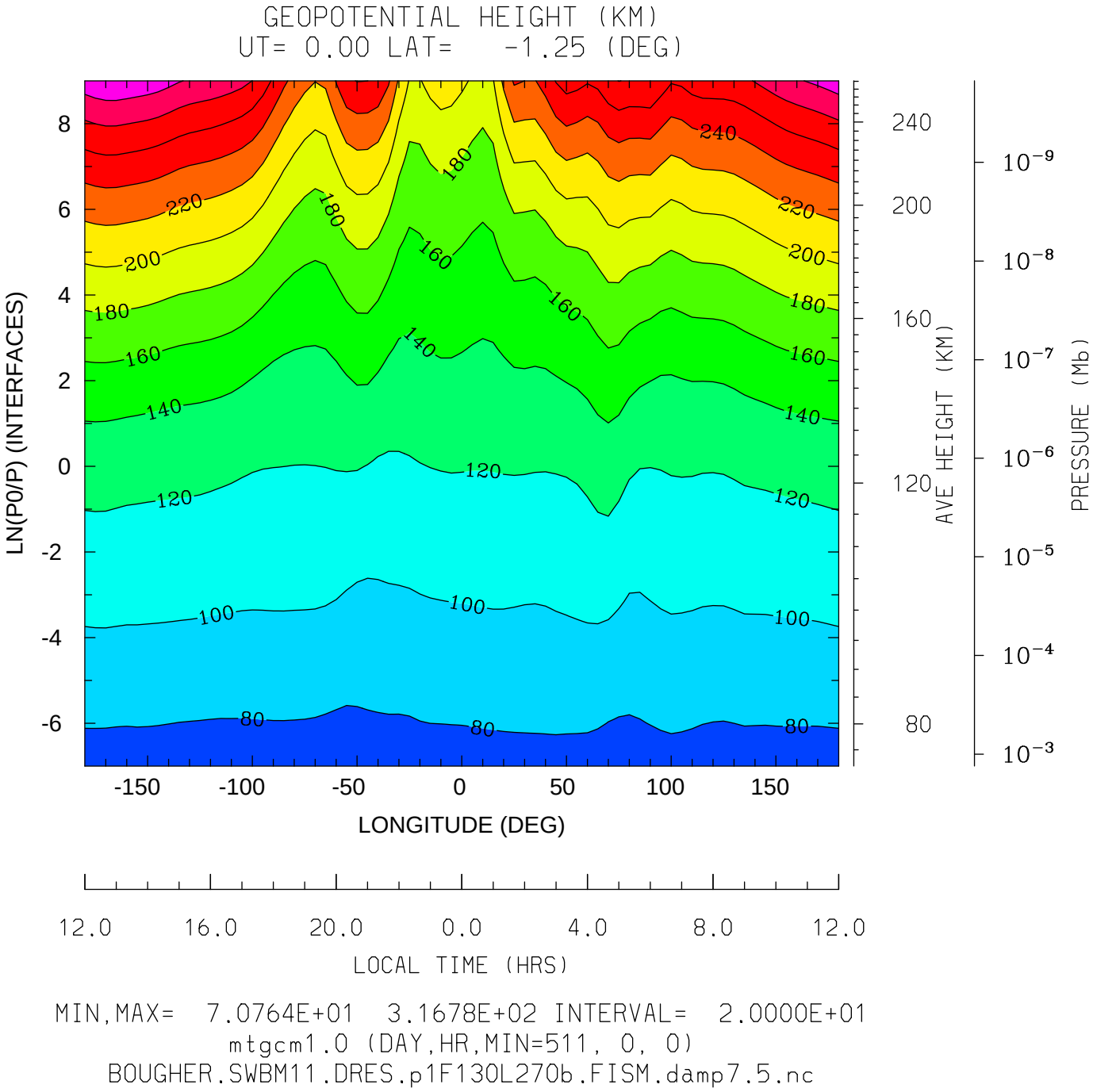
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 7.3189E+01 3.3445E+02 INTERVAL= 2.0000E+01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

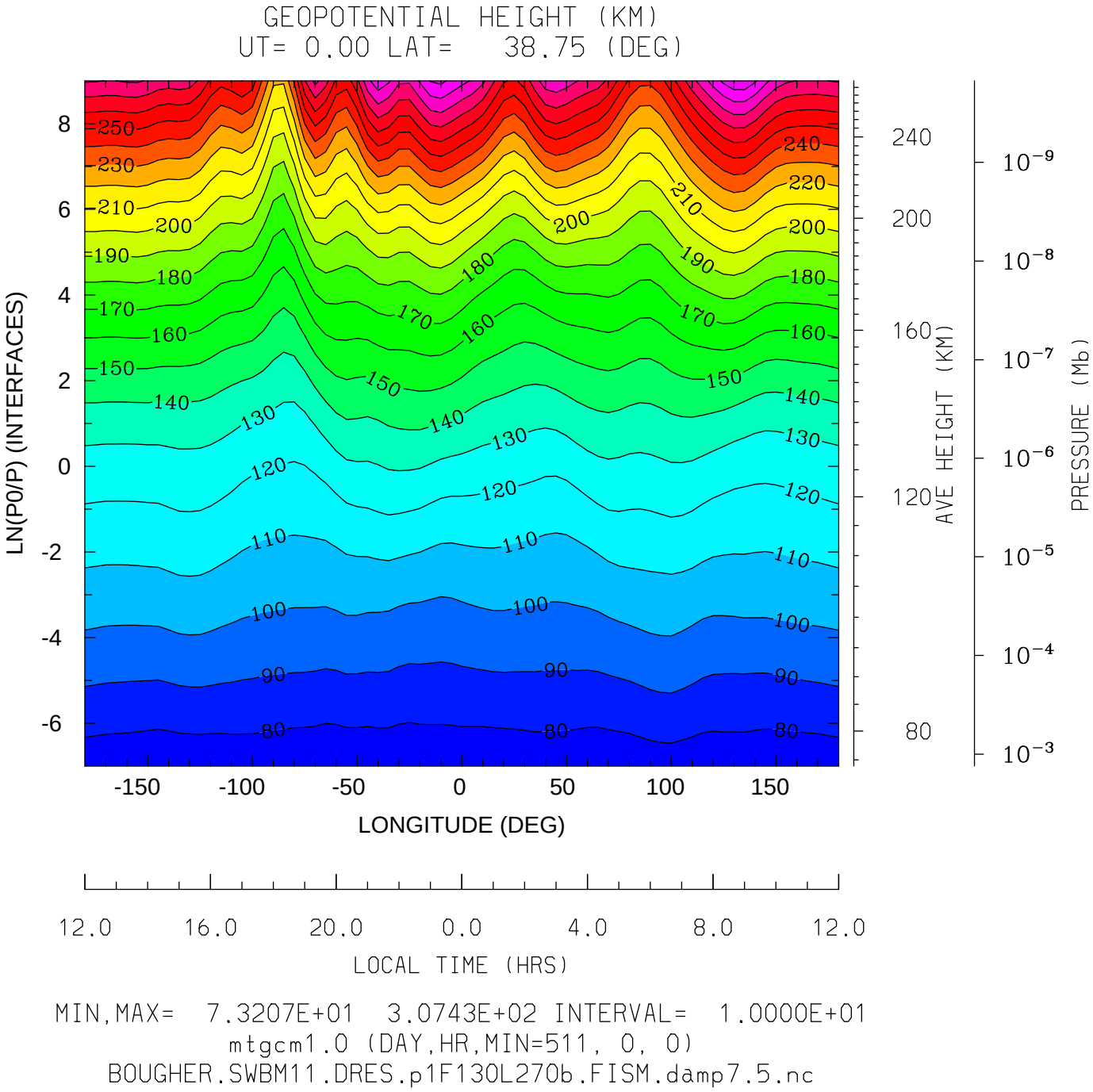
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 7.0764E+01 3.1678E+02 INTERVAL= 2.0000E+01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

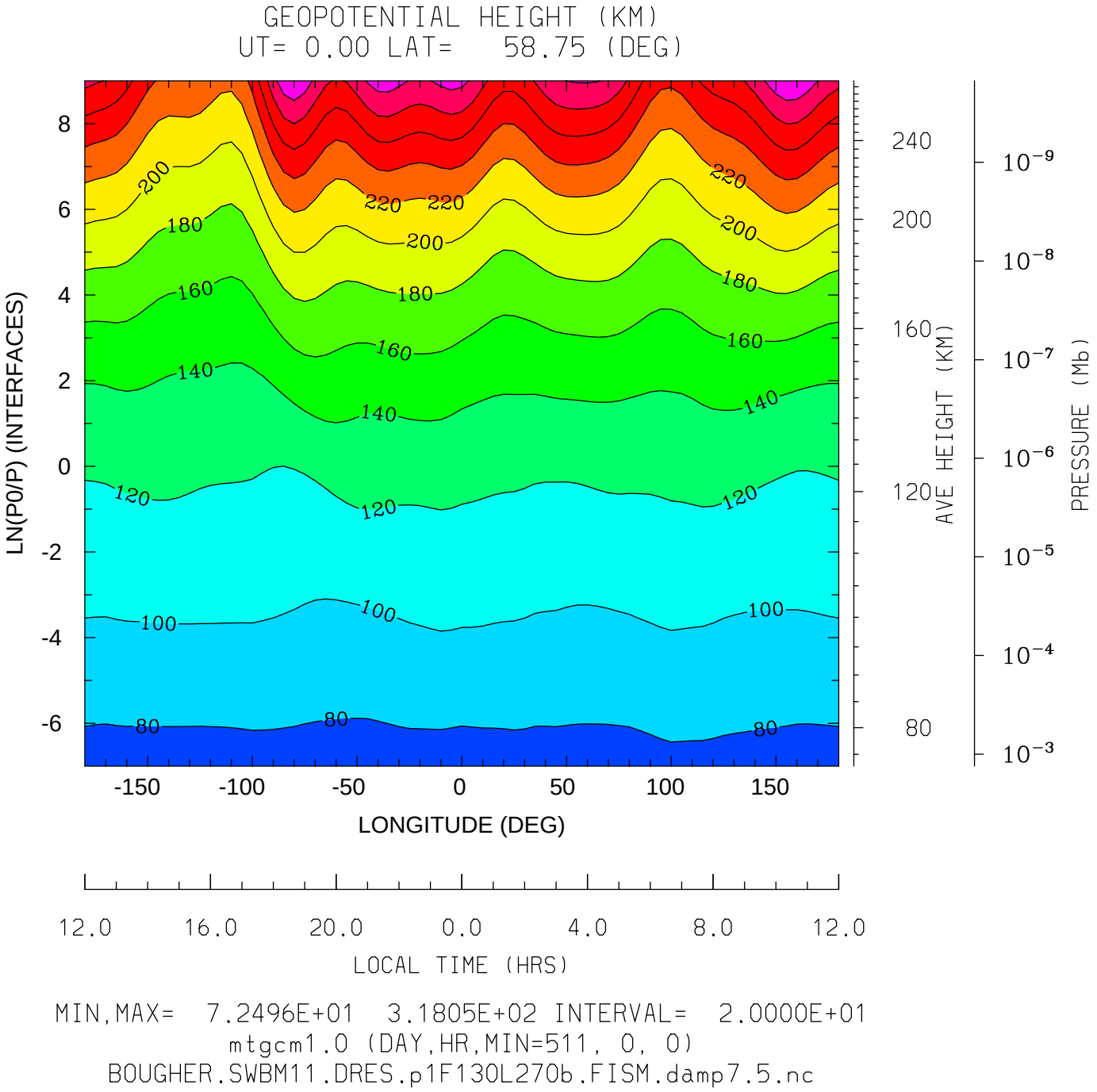
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 7.3207E+01 3.0743E+02 INTERVAL= 1.0000E+01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

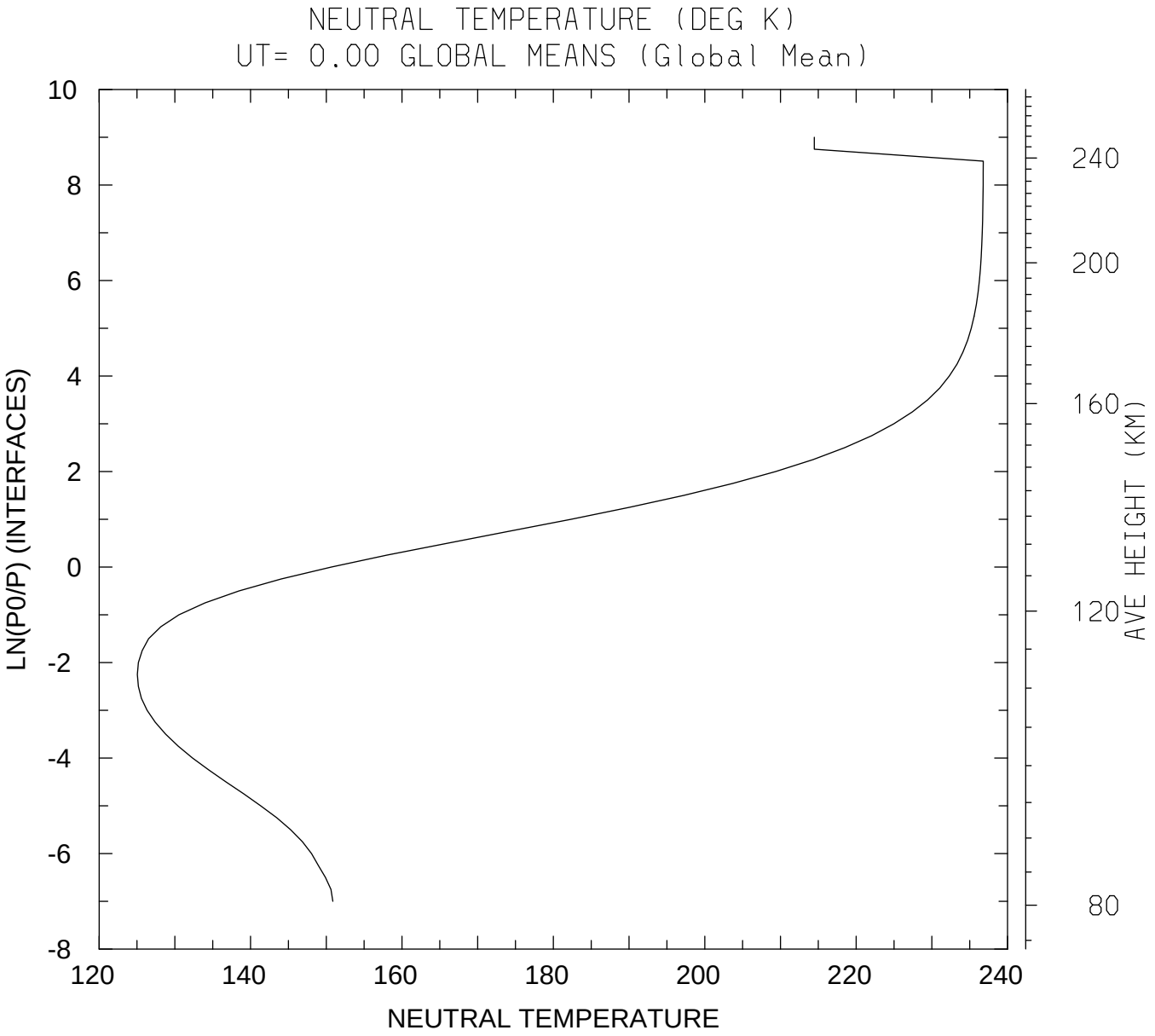
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 7.2496E+01 3.1805E+02 INTERVAL= 2.0000E+01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

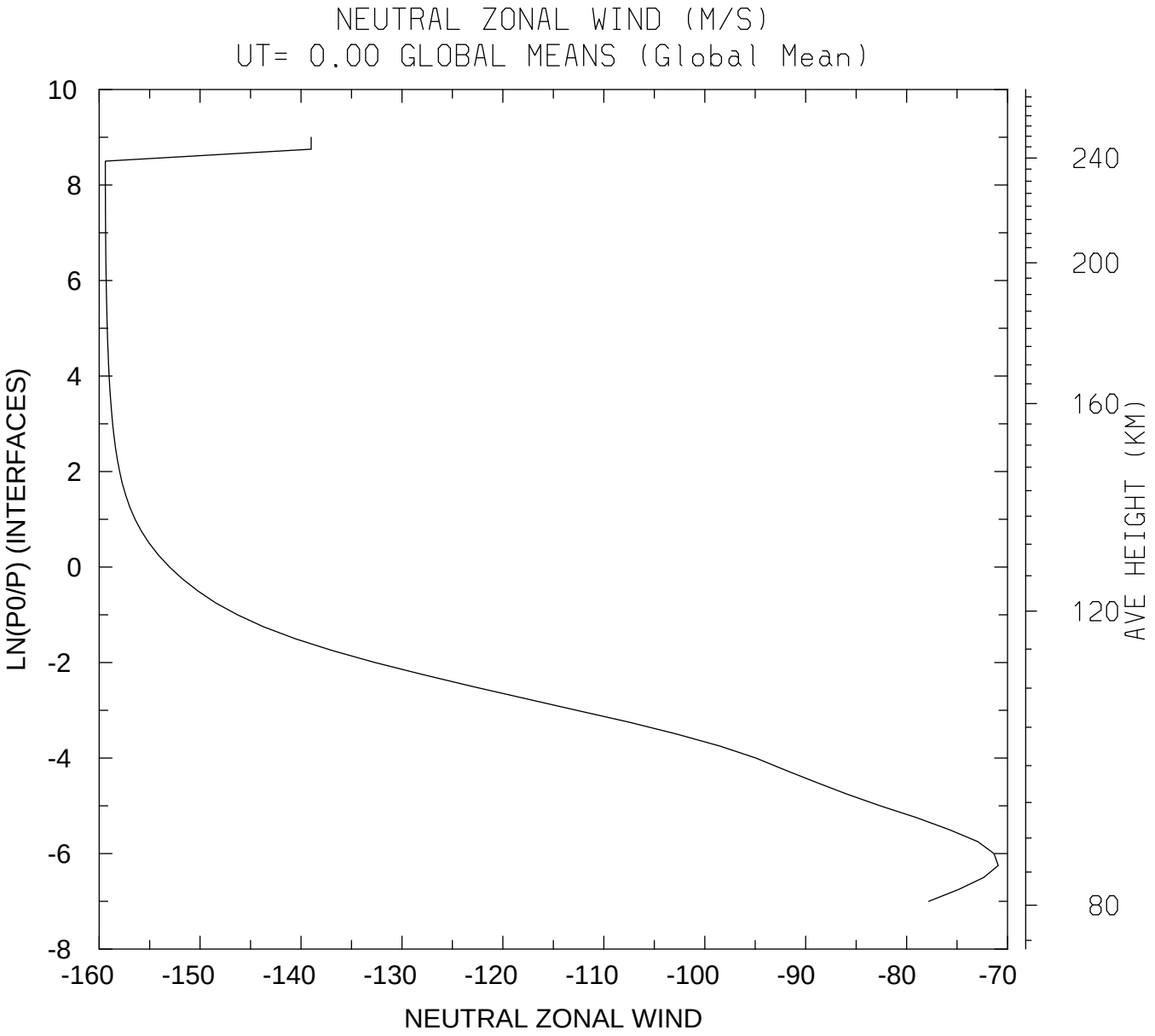
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



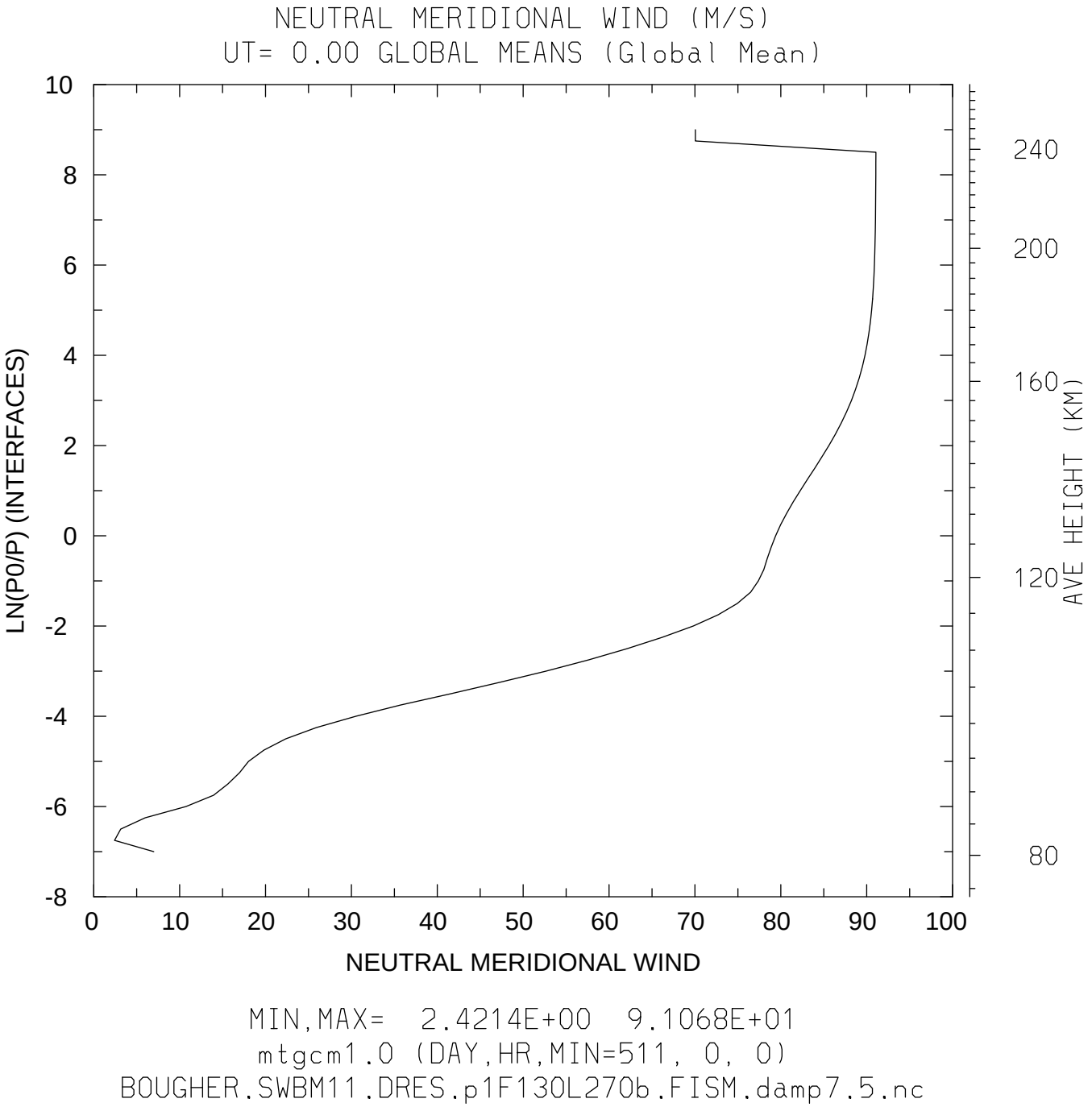
MIN,MAX= 1.2505E+02 2.3679E+02

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



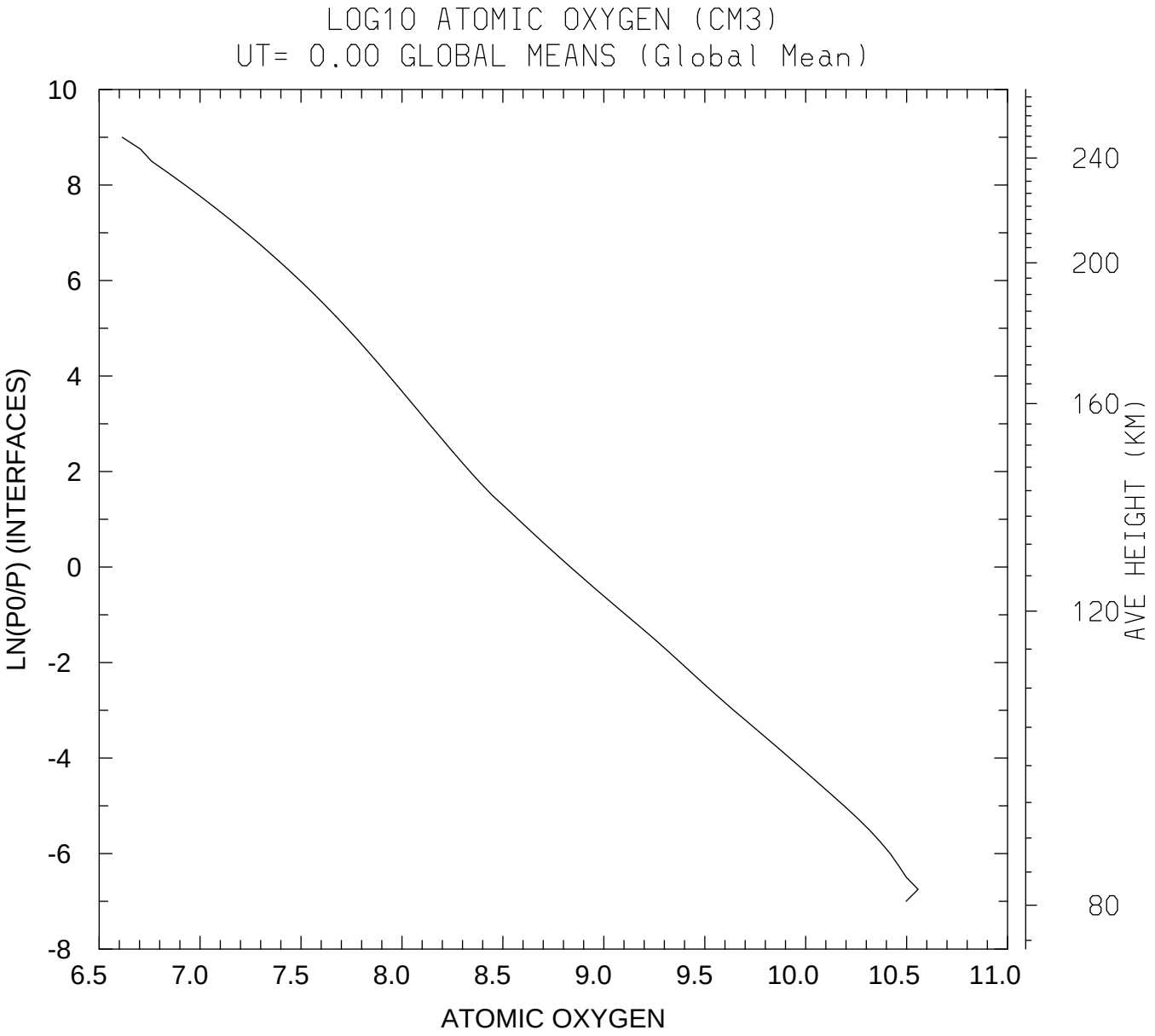
MIN,MAX= -1.5939E+02 -7.0925E+01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 2.4214E+00 9.1068E+01

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

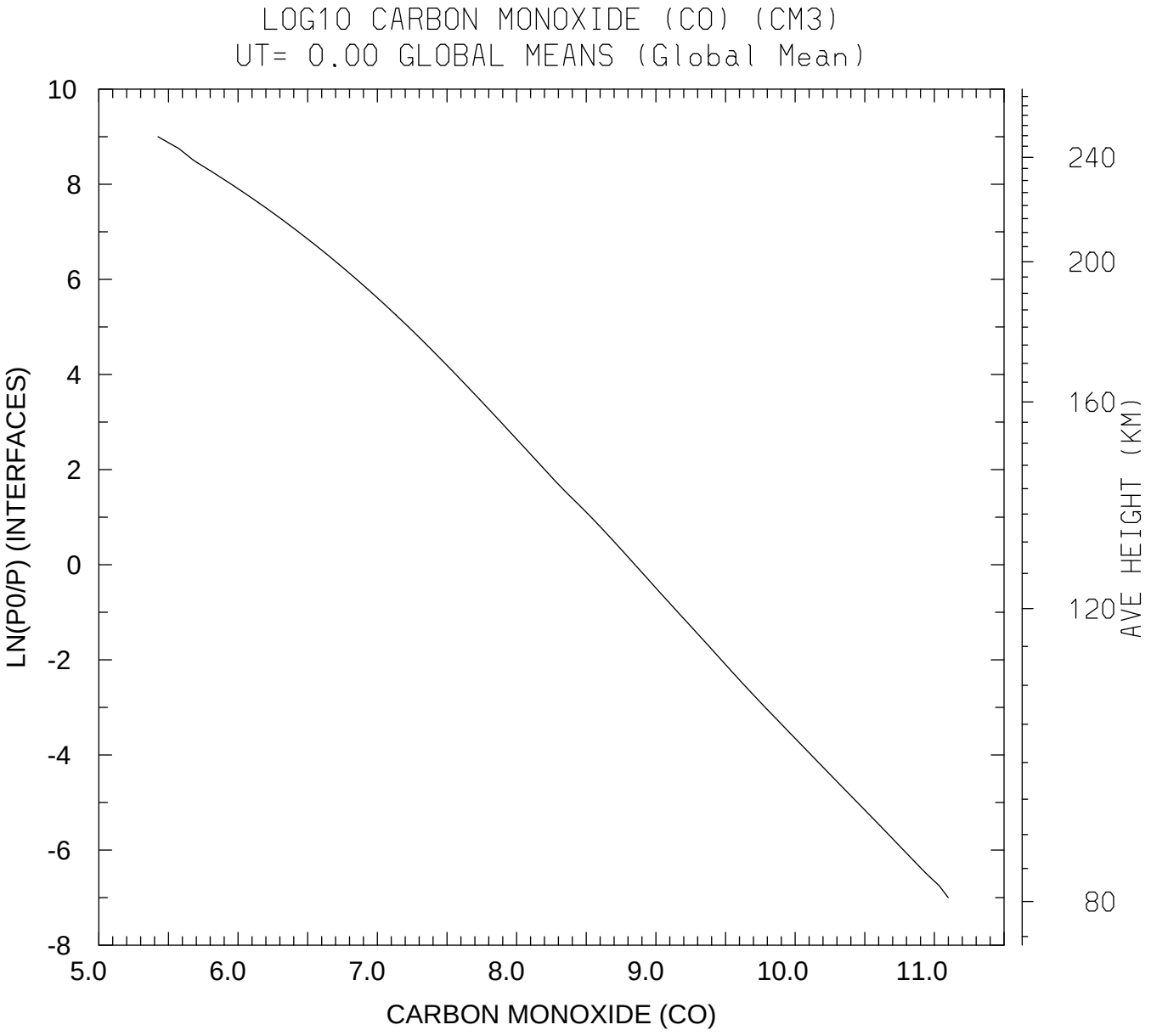
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 4.1157E+06 3.6037E+10

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

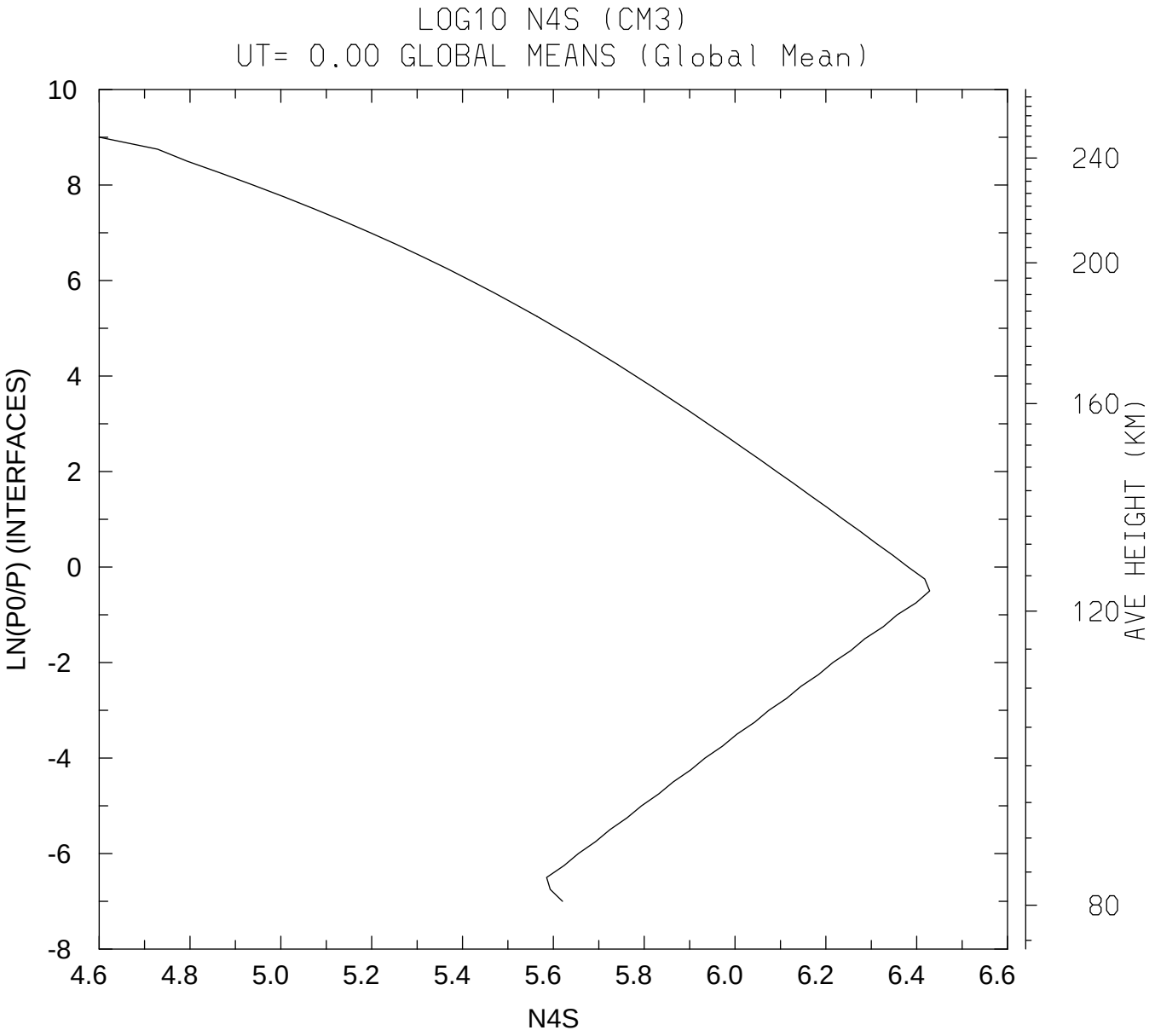
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



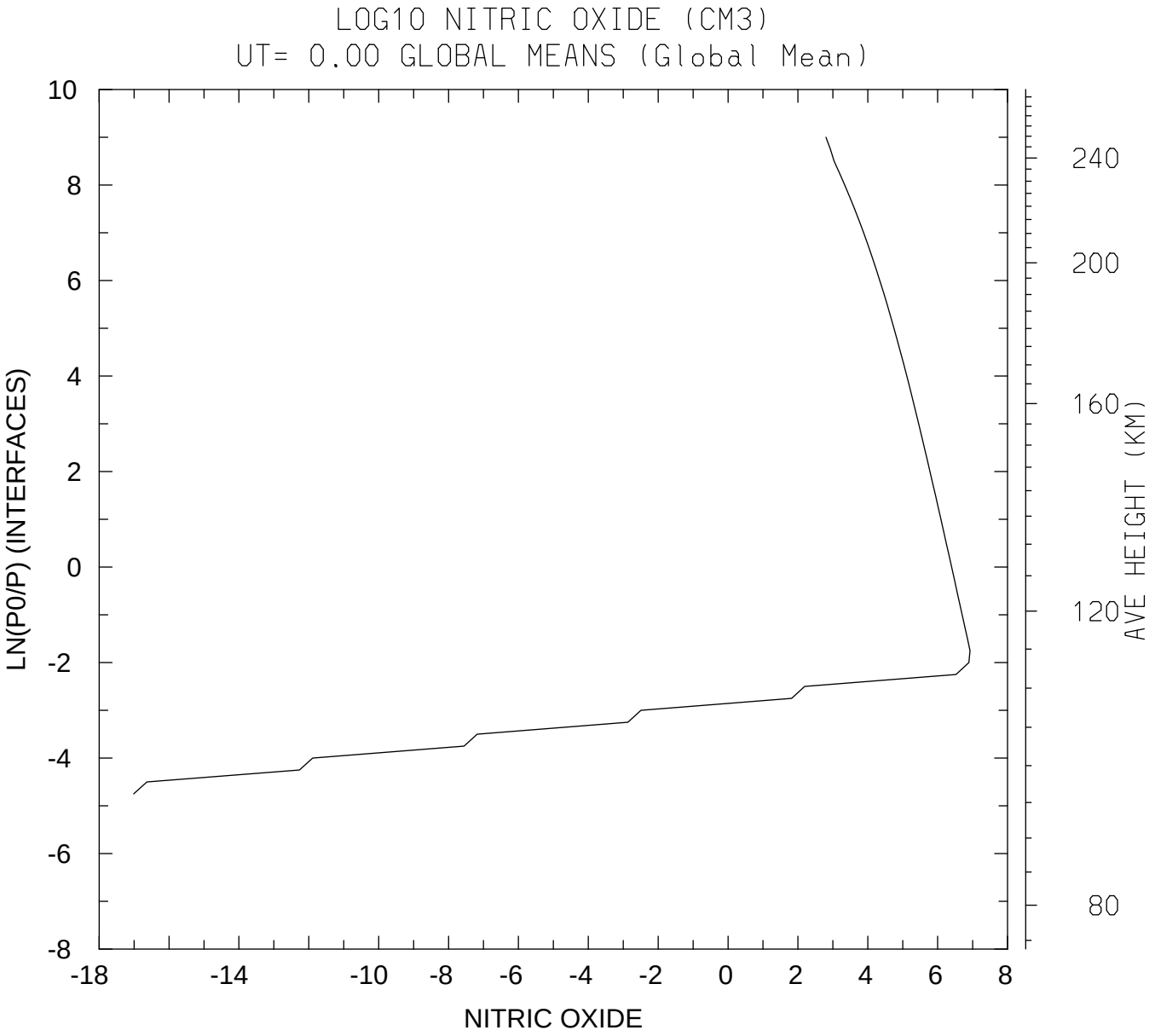
MIN,MAX= 2.6600E+05 1.2573E+11

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 3.9913E+04 2.6824E+06
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

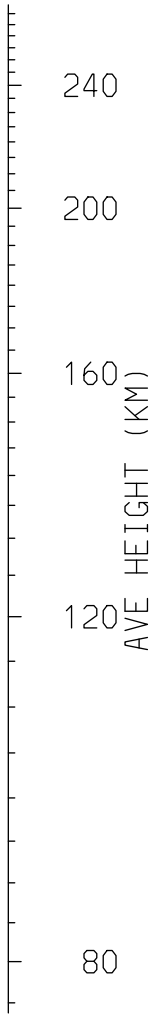


MIN,MAX= 0.0000E+00 8.4421E+06

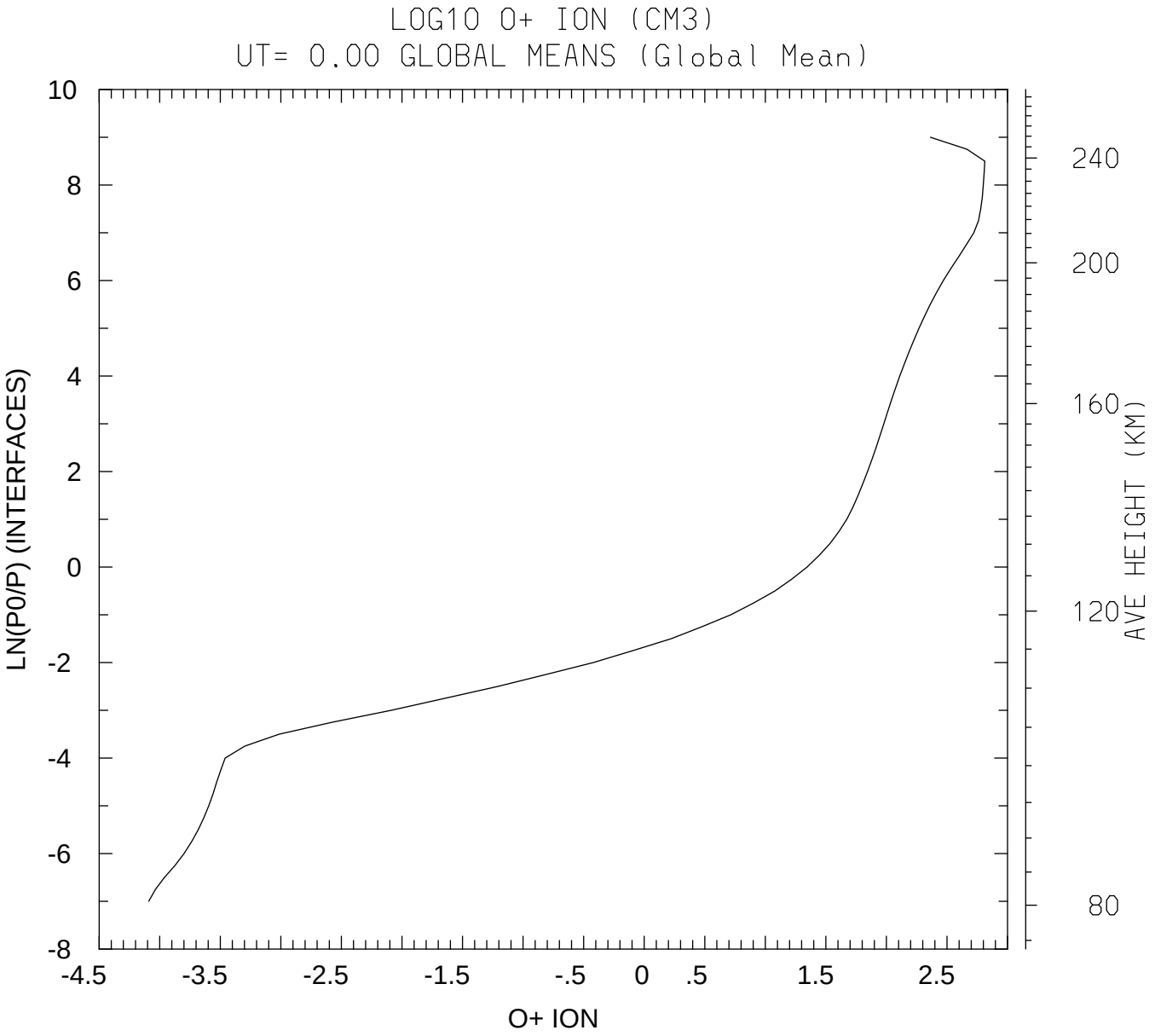
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

LOG10 N2D (CM3)
UT= 0.00 GLOBAL MEANS (Global Mean)



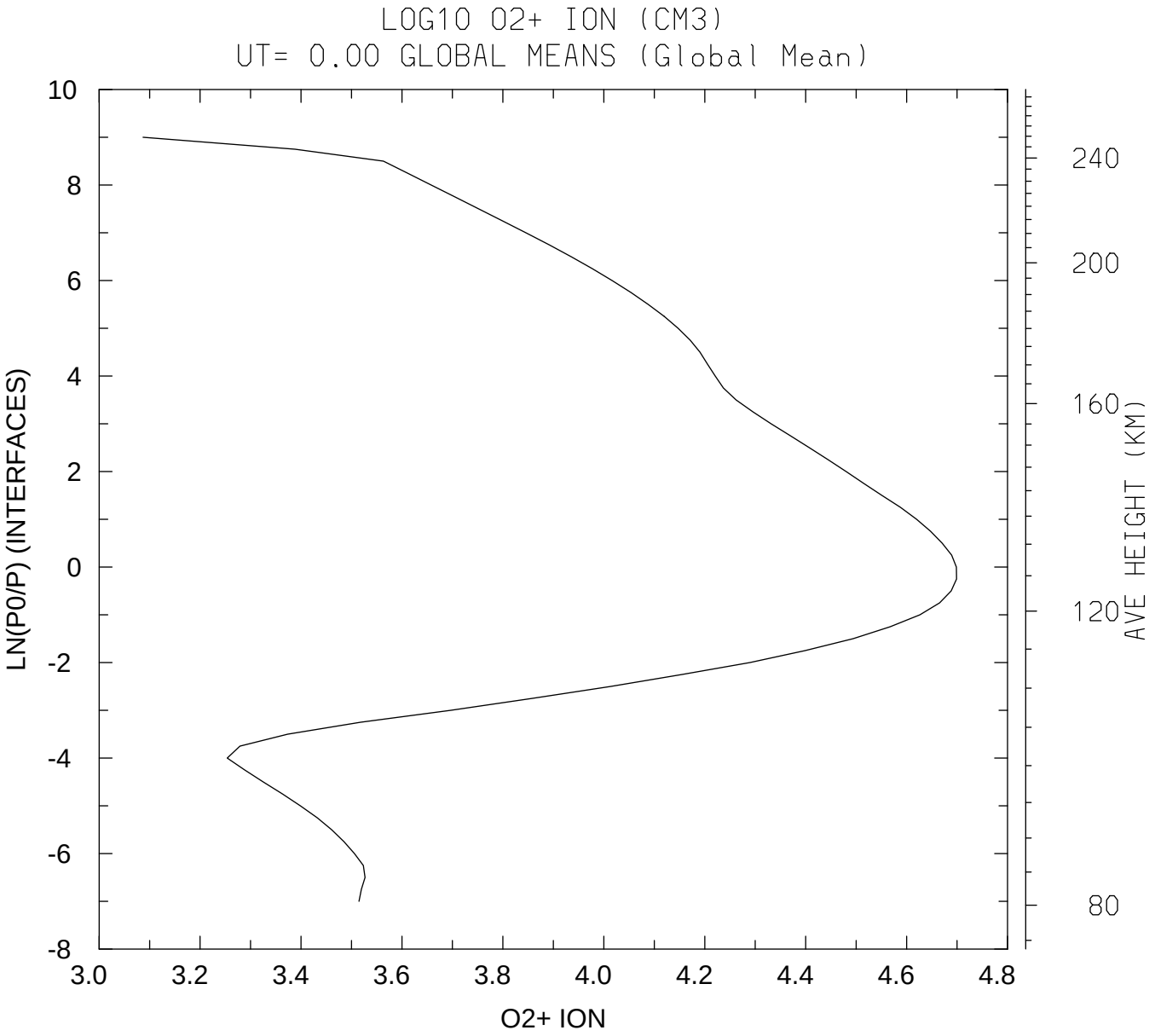
MIN,MAX= 0.0000E+00 0.0000E+00
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 8.1152E-05 6.4854E+02

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

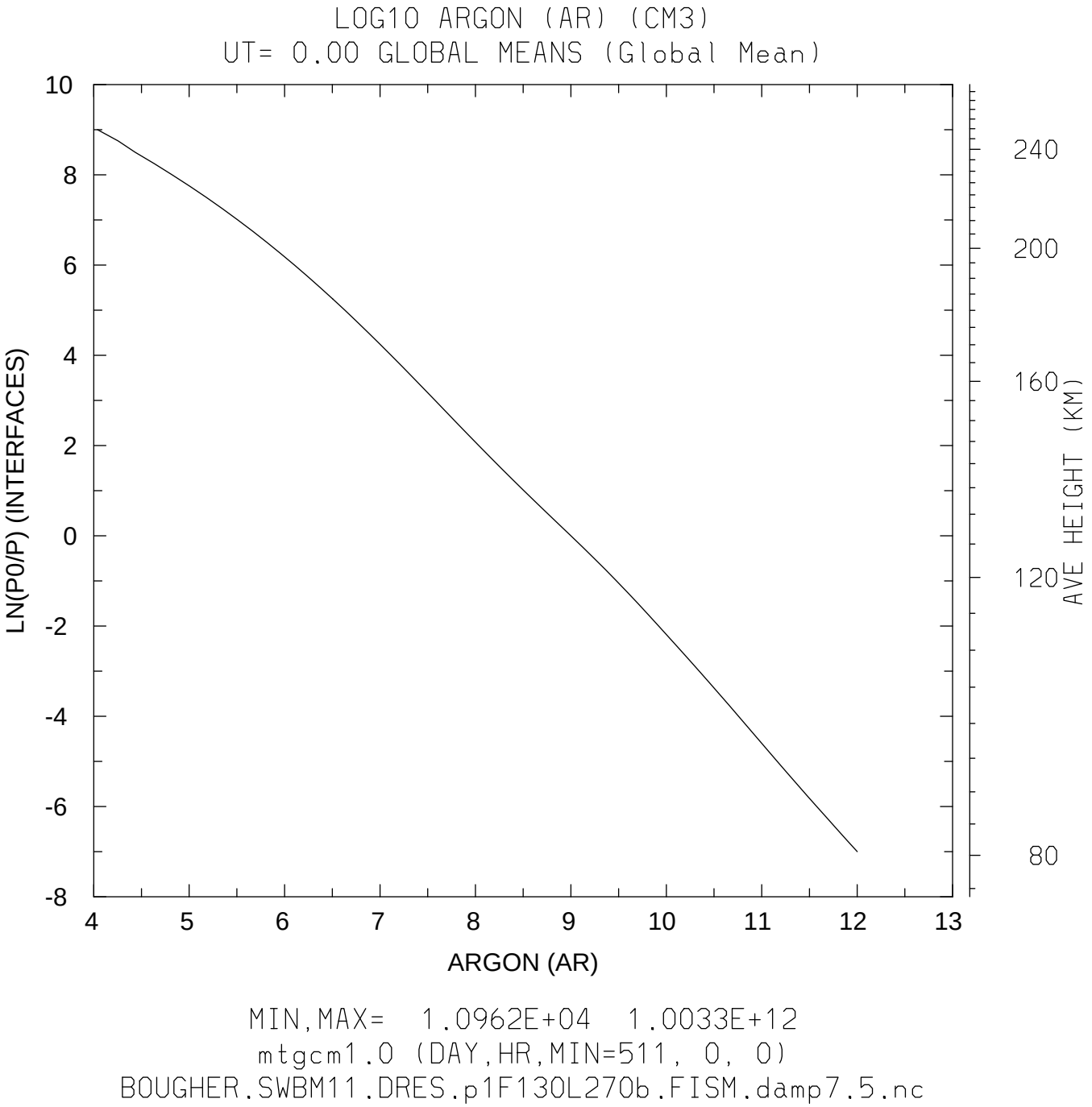
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

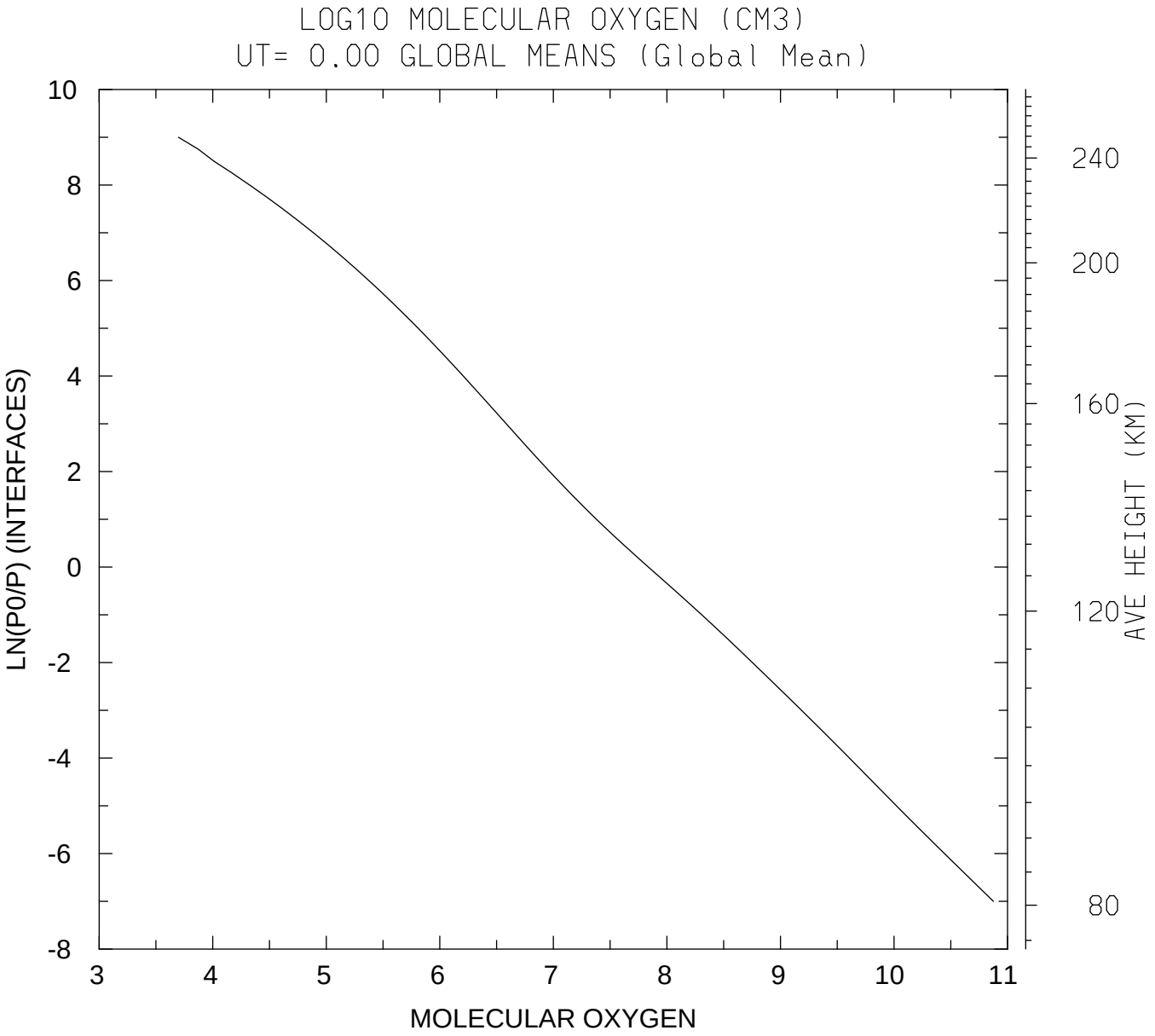


MIN,MAX= 1.2214E+03 5.0001E+04

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

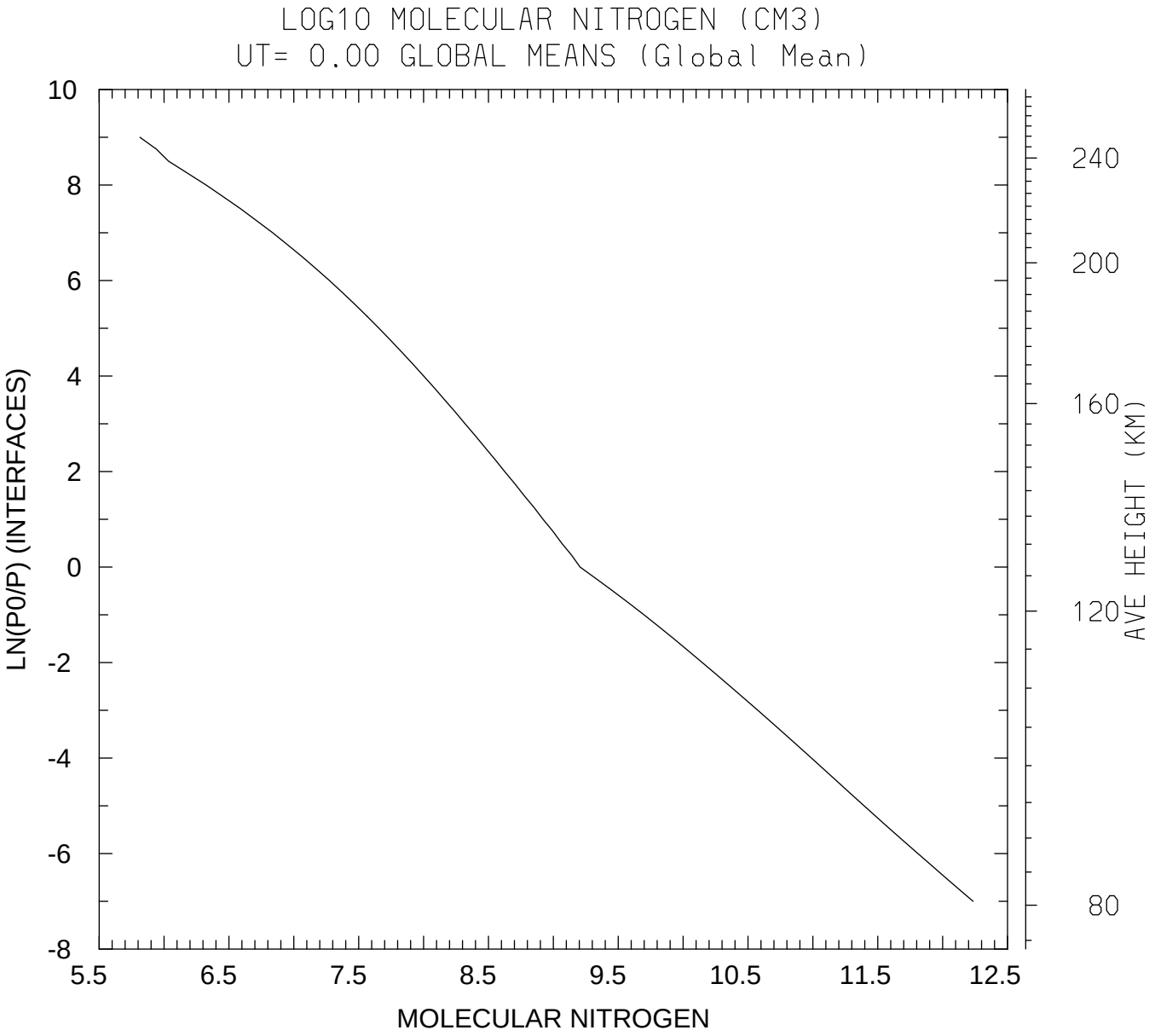

LOG10 ARGON (AR) (CM3)
UT= 0.00 GLOBAL MEANS (Global Mean)
LN(P0/P) (INTERFACES)
10
8
6
4
2
0
-2
-4
-6
-8
4
5
6
7
8
9
10
11
12
13
ARGON (AR)
AVE HEIGHT (KM)
240
200
160
120
80
MIN,MAX= 1.0962E+04 1.0033E+12
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 4.9929E+03 7.5098E+10

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

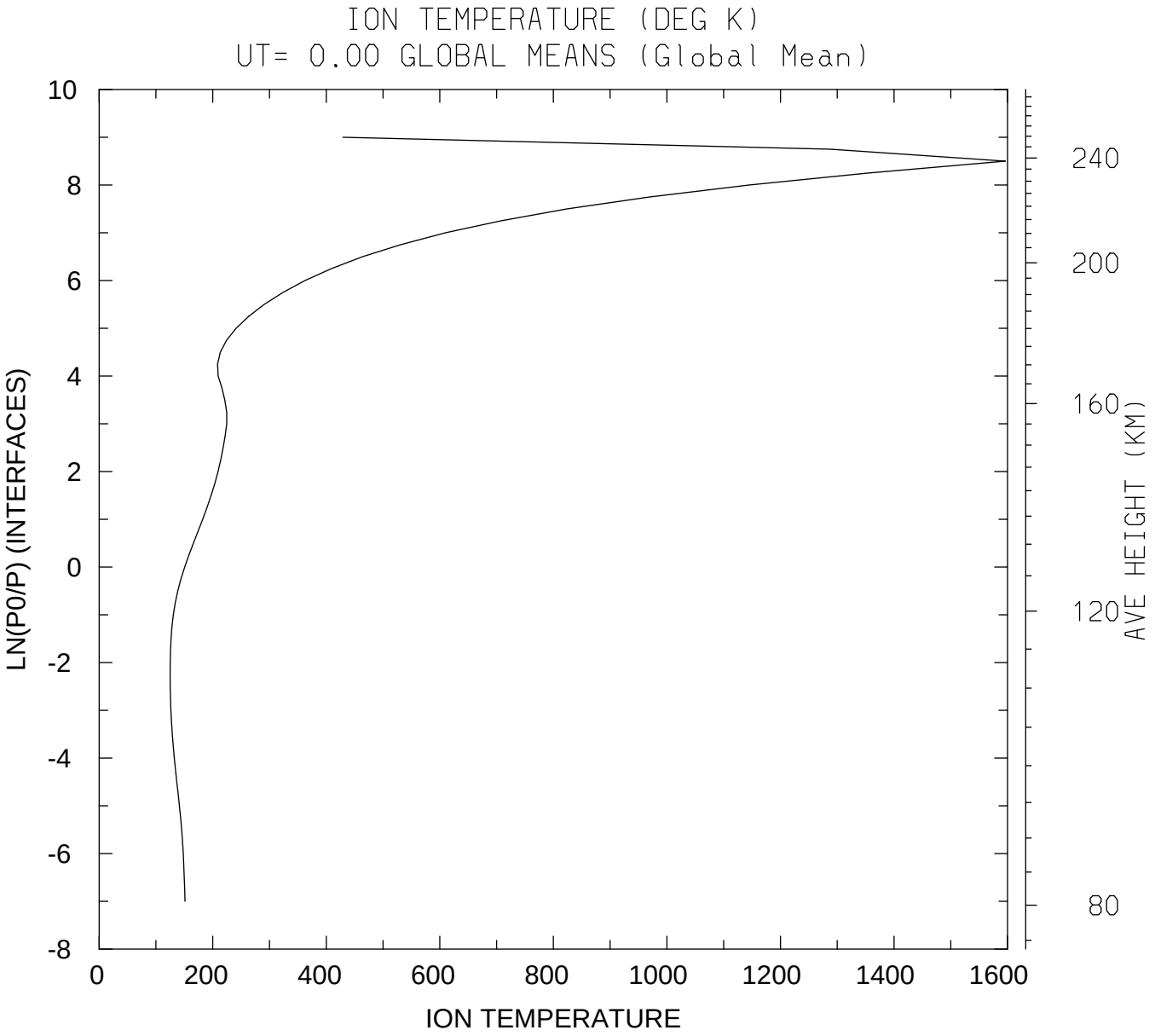
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



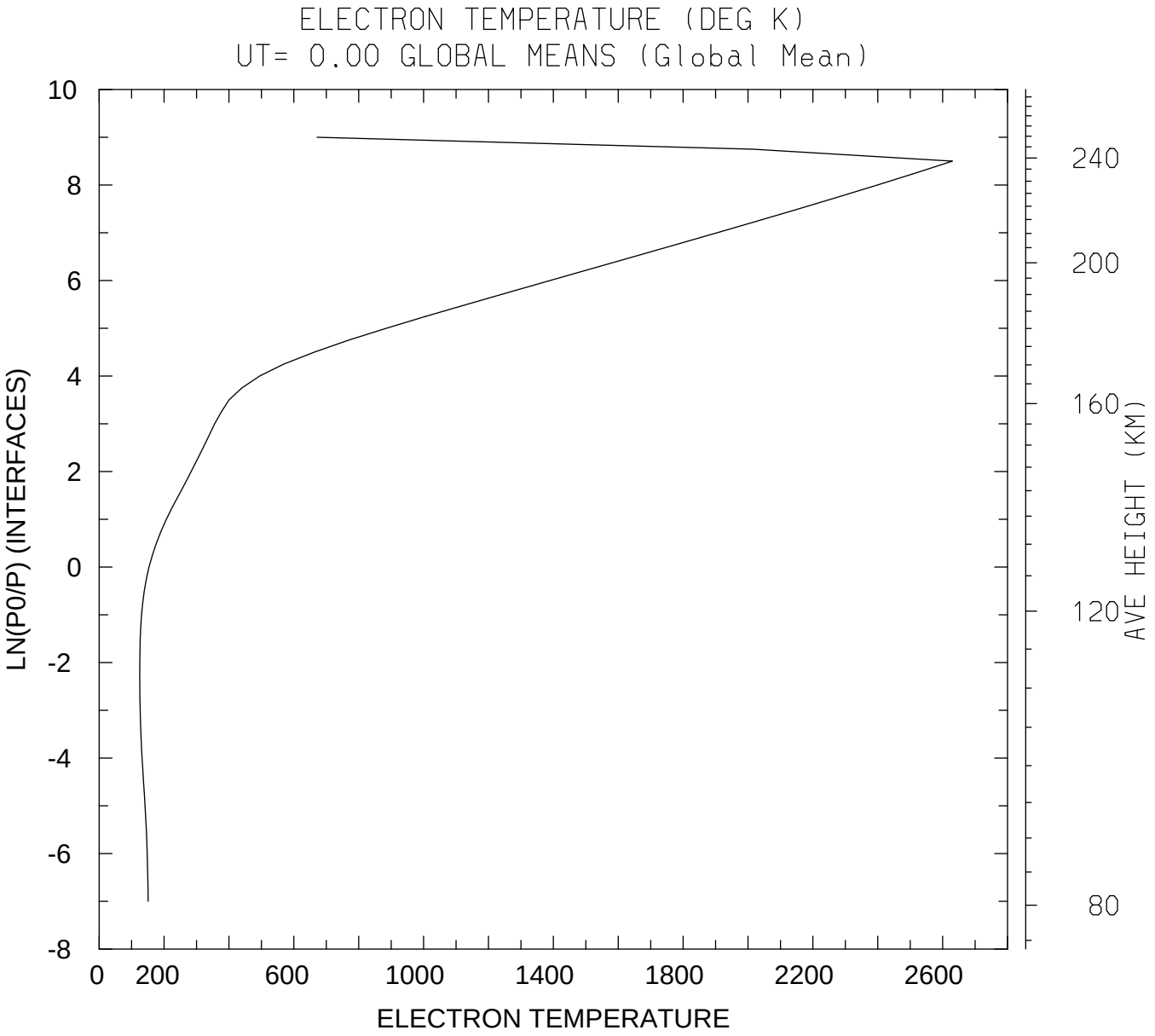
MIN,MAX= 6.5148E+05 1.7161E+12

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



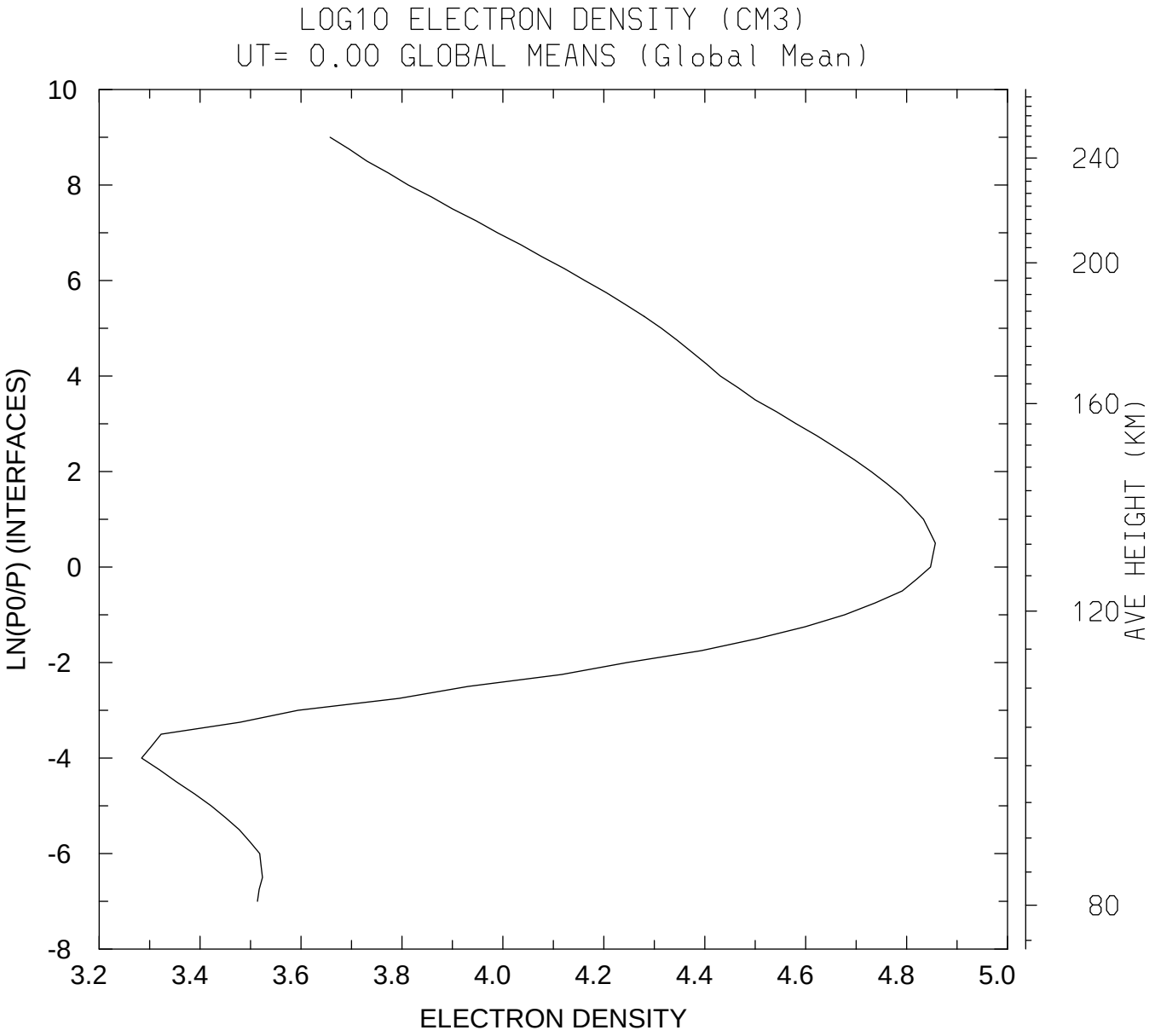
MIN,MAX= 1.2507E+02 1.5961E+03
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 1.2507E+02 2.6300E+03

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

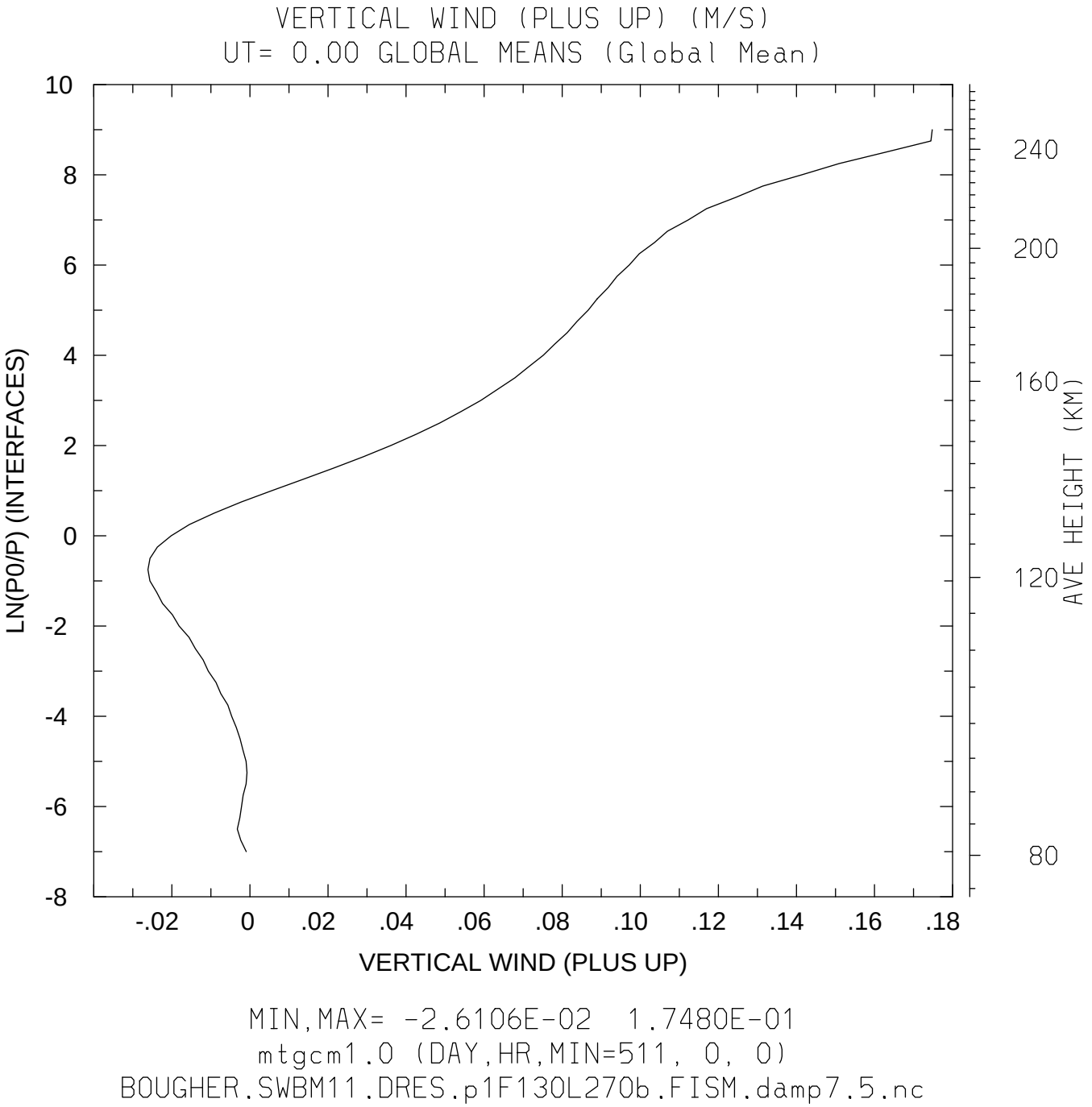
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc

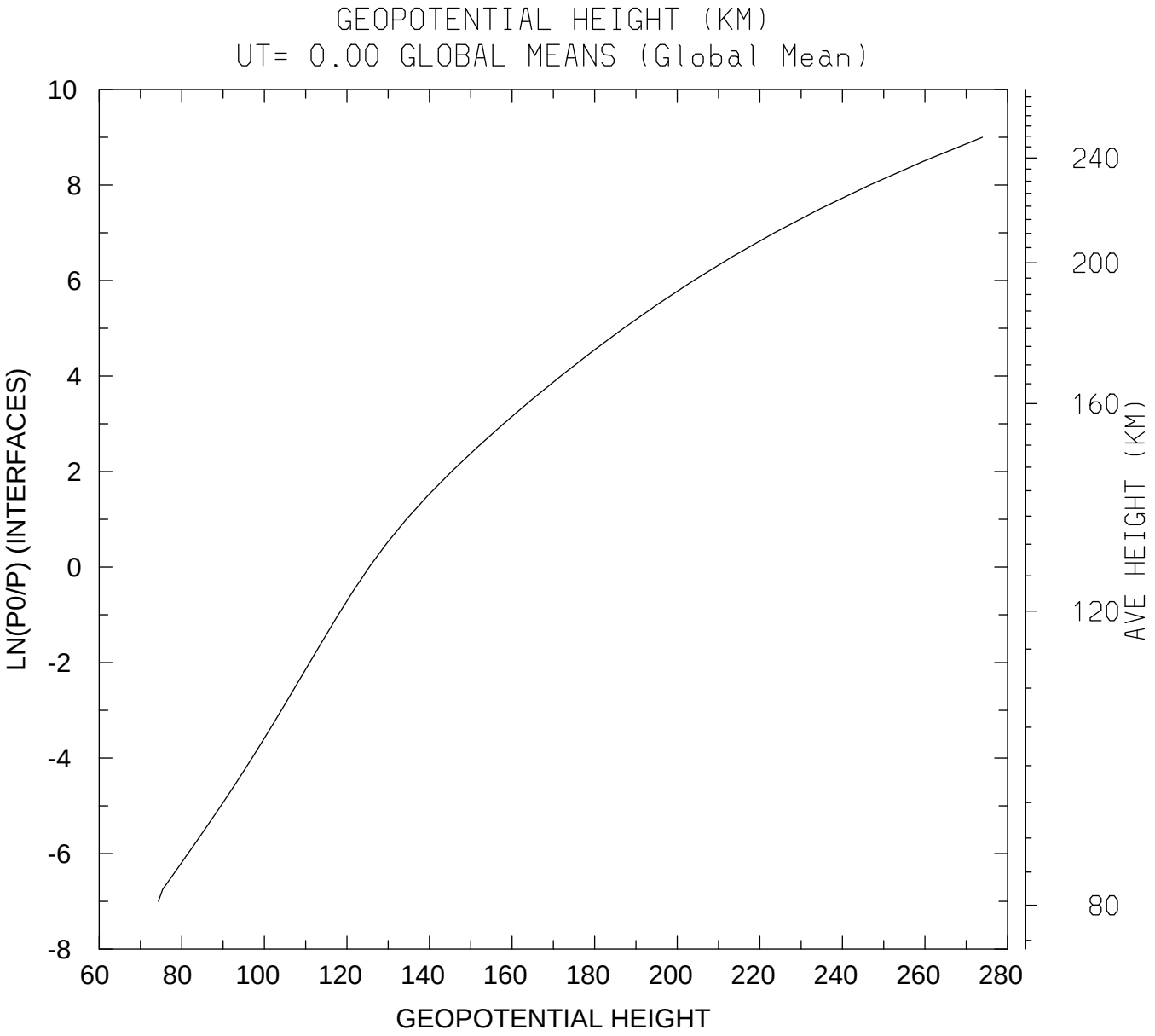


MIN,MAX= 1.9234E+03 7.1927E+04

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc


VERTICAL WIND (PLUS UP) (M/S)
UT= 0.00 GLOBAL MEANS (Global Mean)
LN(P0/P) (INTERFACES)
10
8
6
4
2
0
-2
-4
-6
-8
-.02
0
.02
.04
.06
.08
.10
.12
.14
.16
.18
VERTICAL WIND (PLUS UP)
AVE HEIGHT (KM)
240
200
160
120
80
MIN,MAX= -2.6106E-02 1.7480E-01
mtgcm1.0 (DAY,HR,MIN=511, 0, 0)
BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc



MIN,MAX= 7.4333E+01 2.7391E+02

mtgcm1.0 (DAY,HR,MIN=511, 0, 0)

BOUGHER.SWBM11.DRES.p1F130L270b.FISM.damp7.5.nc