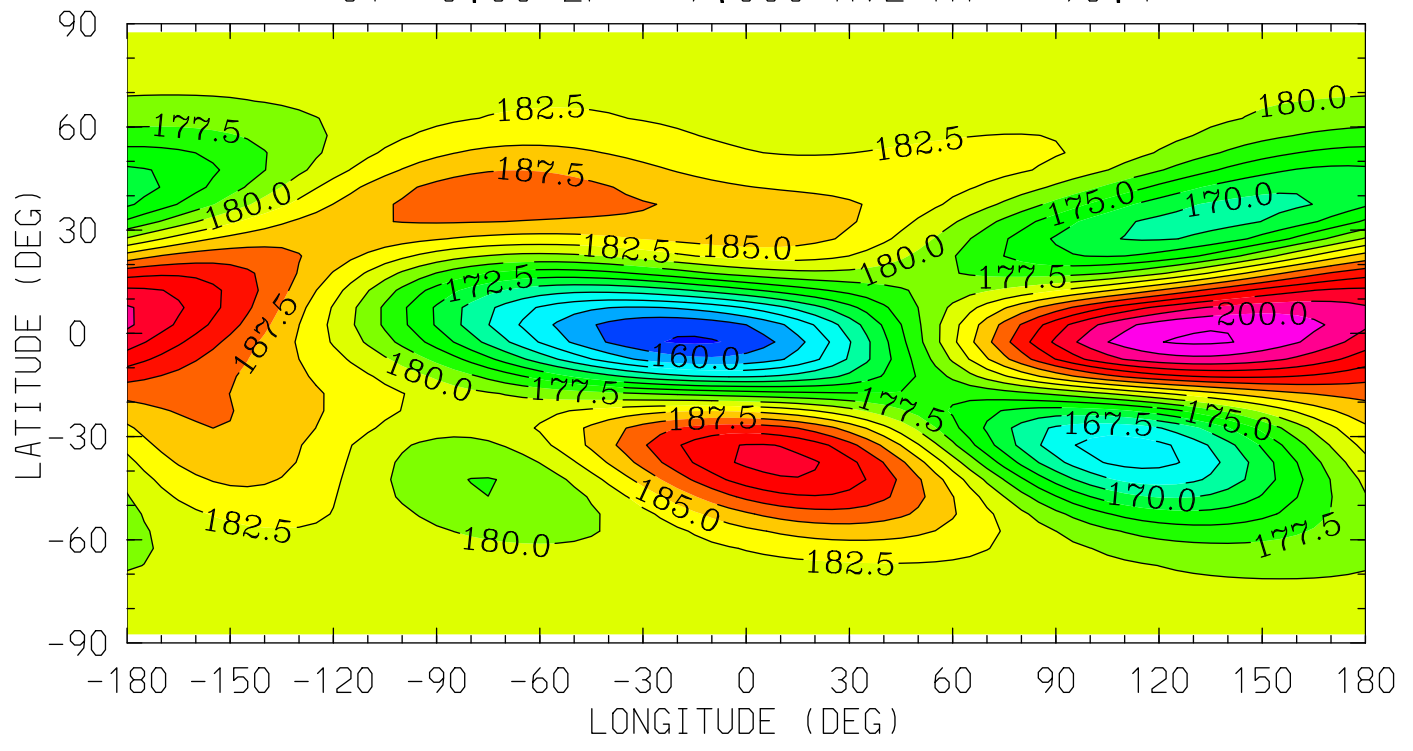


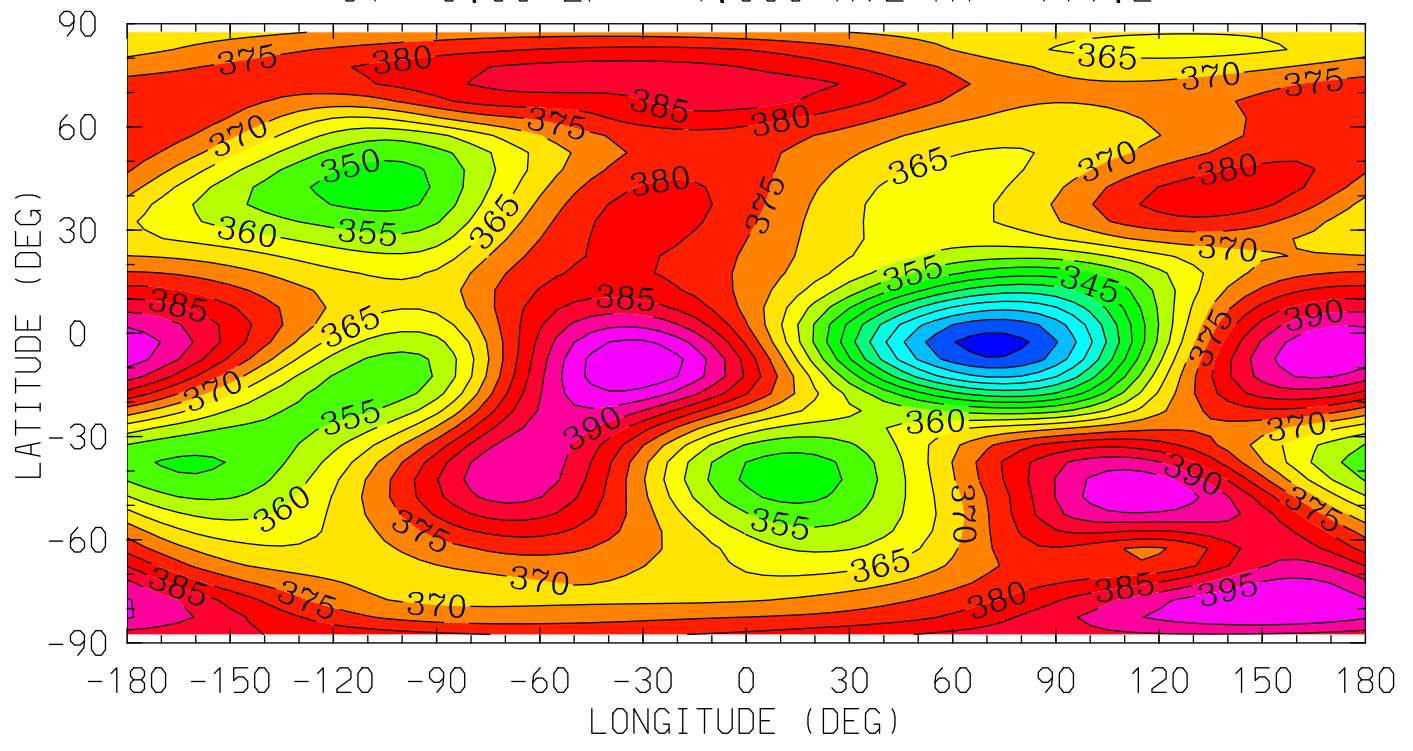
TN (DEG K)  
NEUTRAL TEMPERATURE  
UT= 0.00 ZP= -7.000 AVE HT= 96.4



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.5713E+02 2.0292E+02 INTERVAL= 2.5000E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

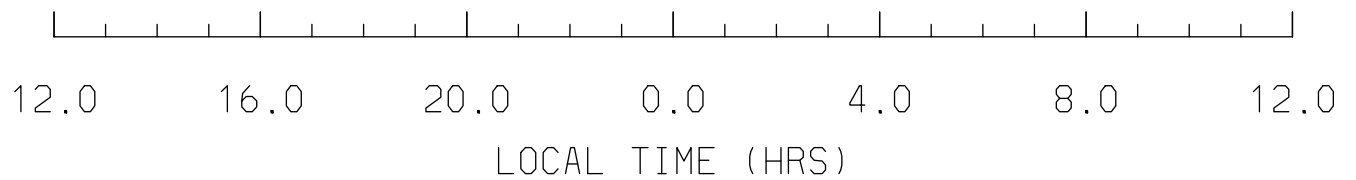
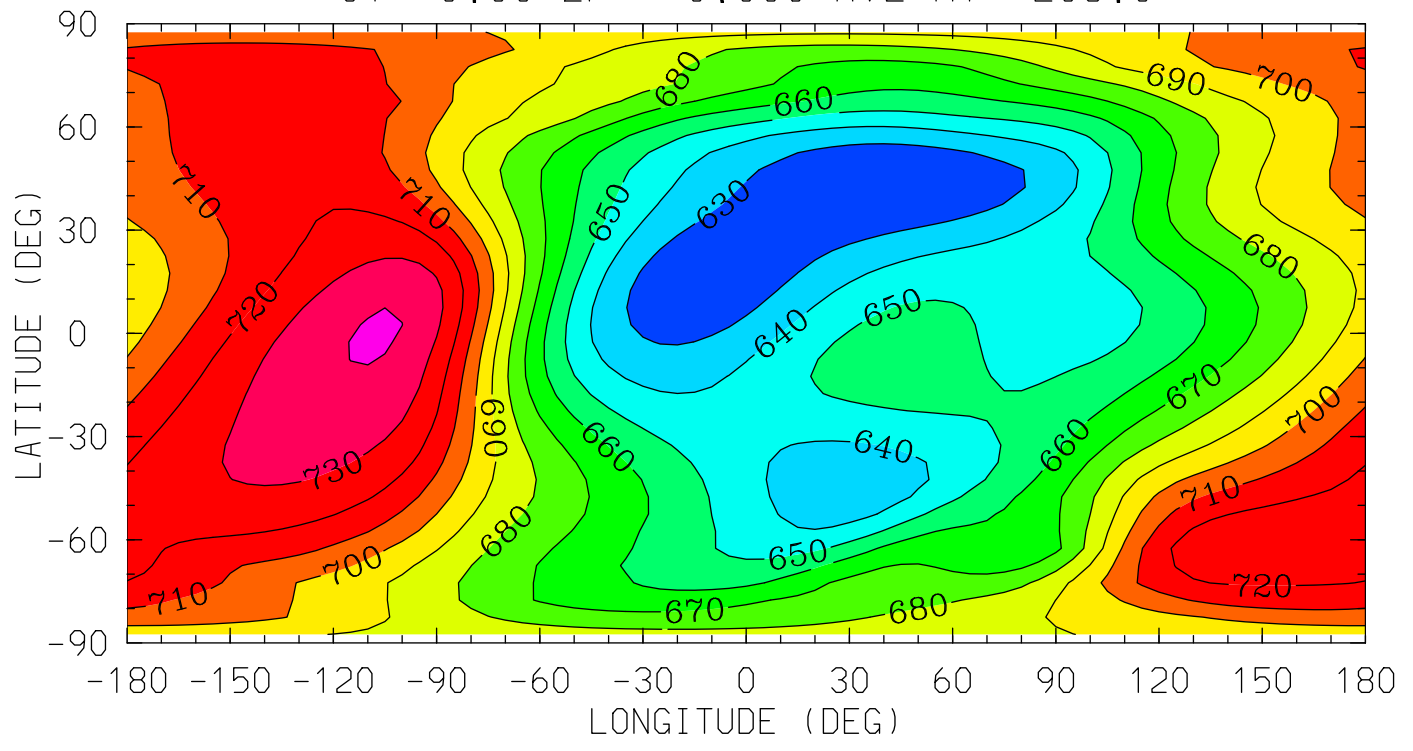
TN (DEG K)  
NEUTRAL TEMPERATURE  
UT= 0.00 ZP= -4.000 AVE HT= 119.2



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

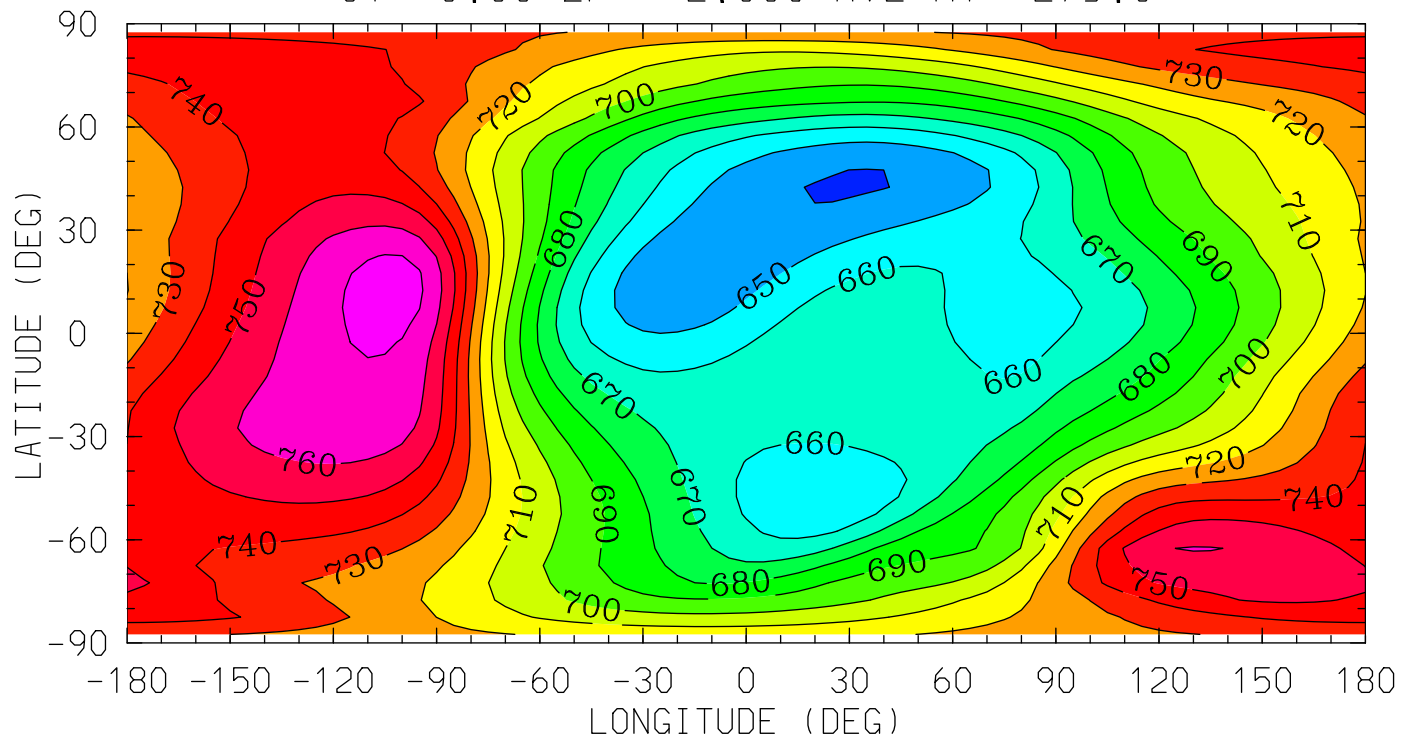
MIN,MAX= 3.1259E+02 4.0465E+02 INTERVAL= 5.0000E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

TN (DEG K)  
NEUTRAL TEMPERATURE  
UT= 0.00 ZP= 0.000 AVE HT= 208.0



MIN,MAX= 6.2045E+02 7.4101E+02 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

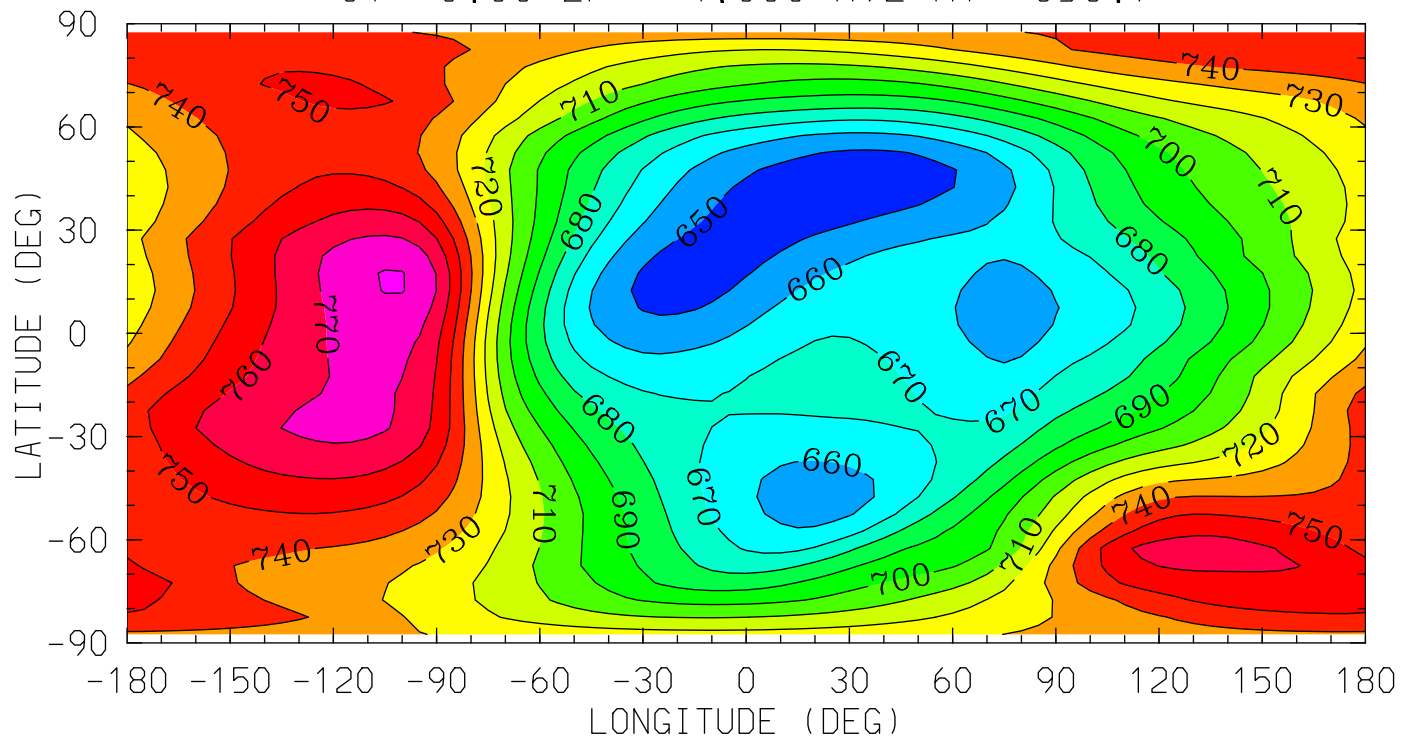
TN (DEG K)  
NEUTRAL TEMPERATURE  
UT= 0.00 ZP= 2.000 AVE HT= 275.0



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

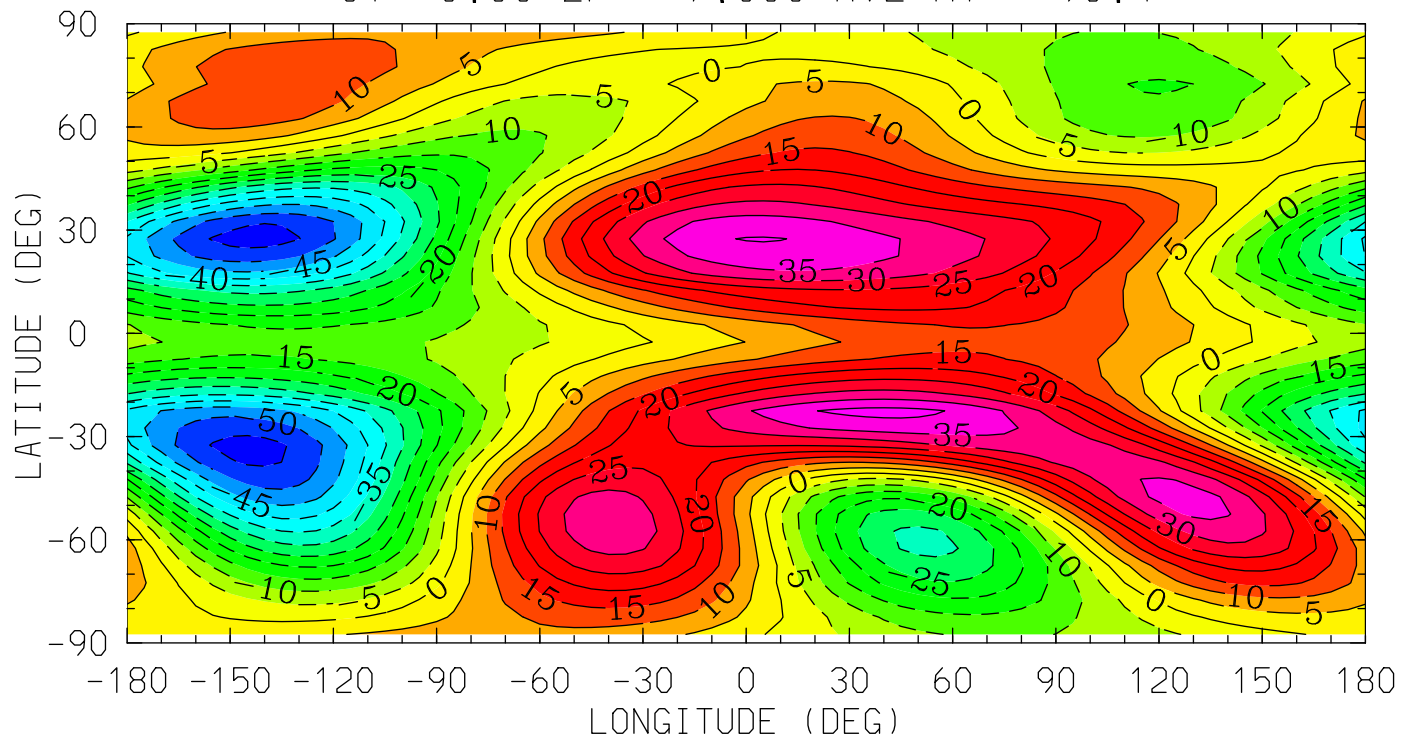
MIN,MAX= 6.3897E+02 7.7469E+02 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

TN (DEG K)  
NEUTRAL TEMPERATURE  
UT= 0.00 ZP= 4.000 AVE HT= 353.7



MIN,MAX= 6.4301E+02 7.8058E+02 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

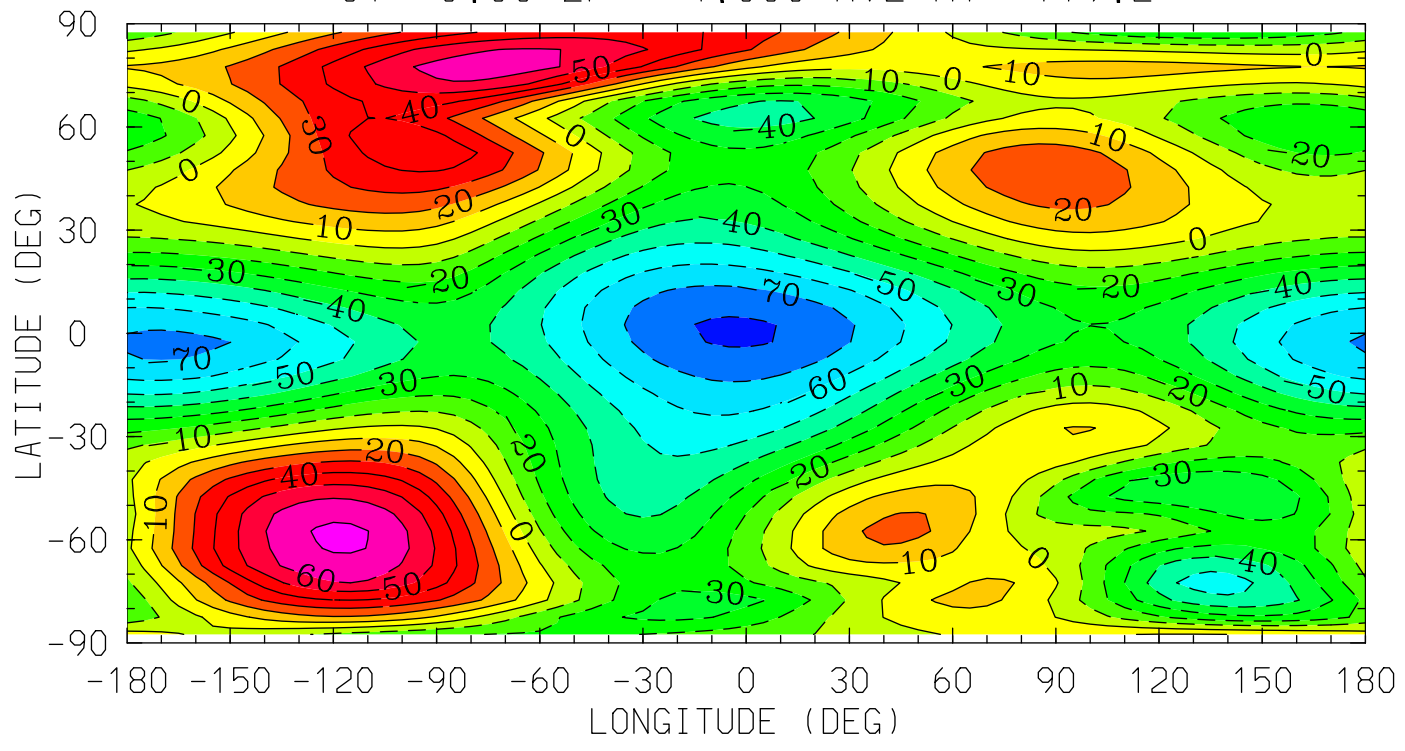
UN (M/S)  
NEUTRAL ZONAL WIND  
UT= 0.00 ZP= -7.000 AVE HT= 96.4



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -5.7321E+01 4.1777E+01 INTERVAL= 5.0000E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

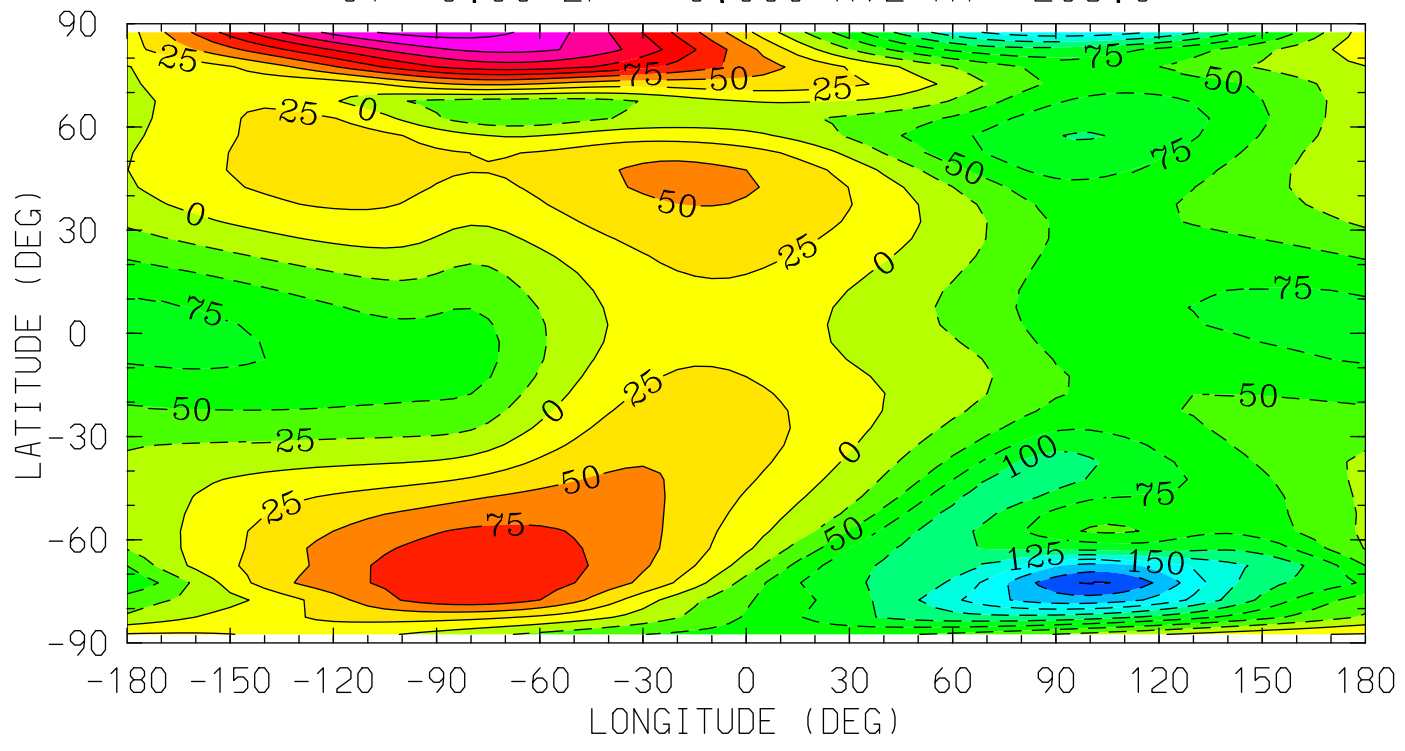
UN (M/S)  
NEUTRAL ZONAL WIND  
UT= 0.00 ZP= -4.000 AVE HT= 119.2



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -8.1563E+01 7.1995E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UN (M/S)  
NEUTRAL ZONAL WIND  
UT= 0.00 ZP= 0.000 AVE HT= 208.0

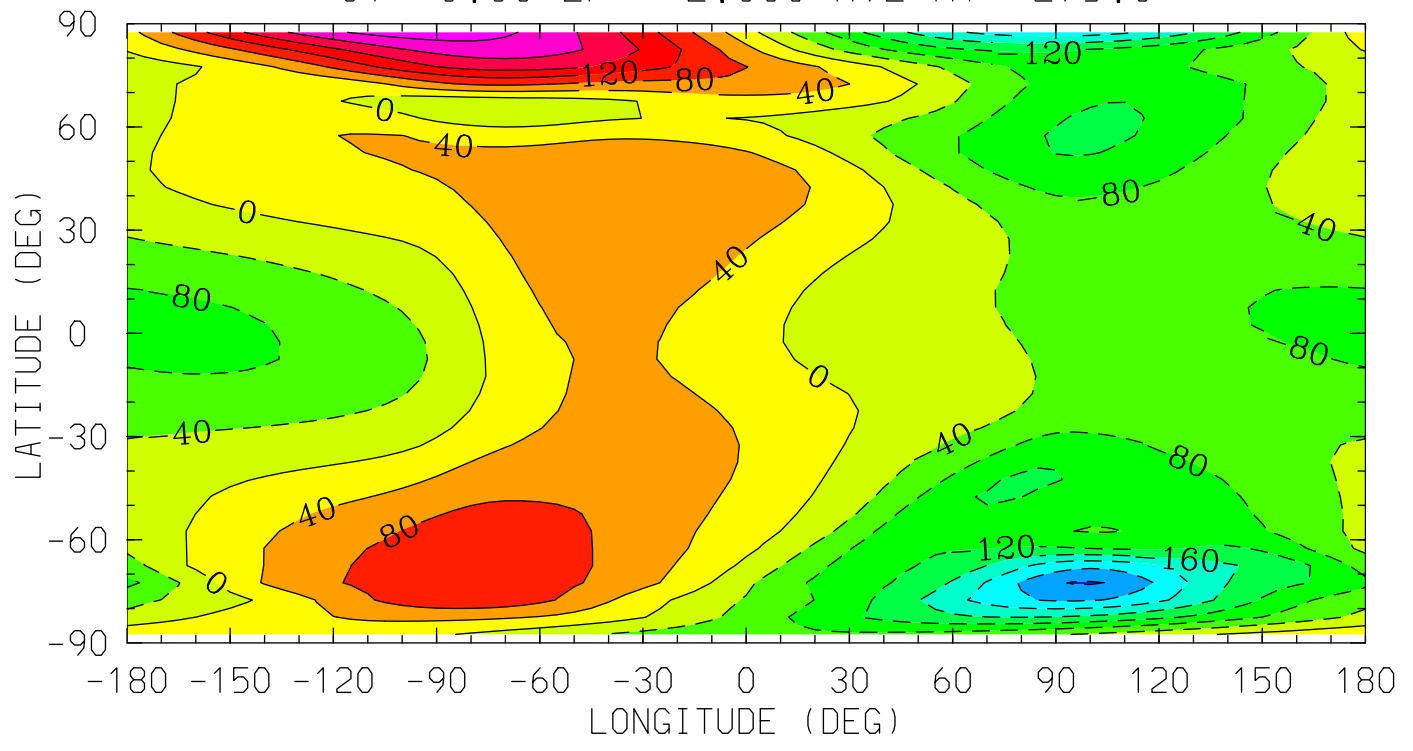


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -2.2735E+02 2.1115E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc



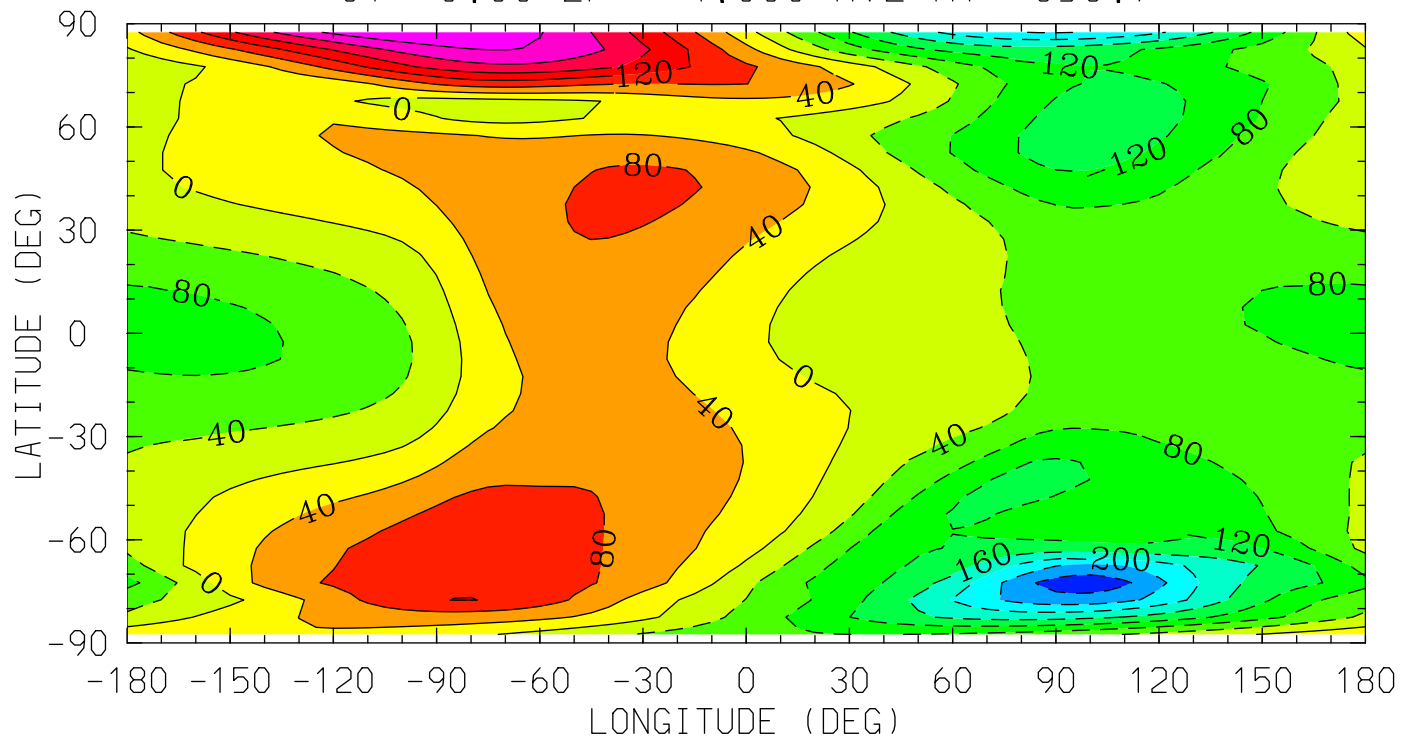
UN (M/S)  
NEUTRAL ZONAL WIND  
UT= 0.00 ZP= 2.000 AVE HT= 275.0



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -2.8419E+02 2.6234E+02 INTERVAL= 4.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

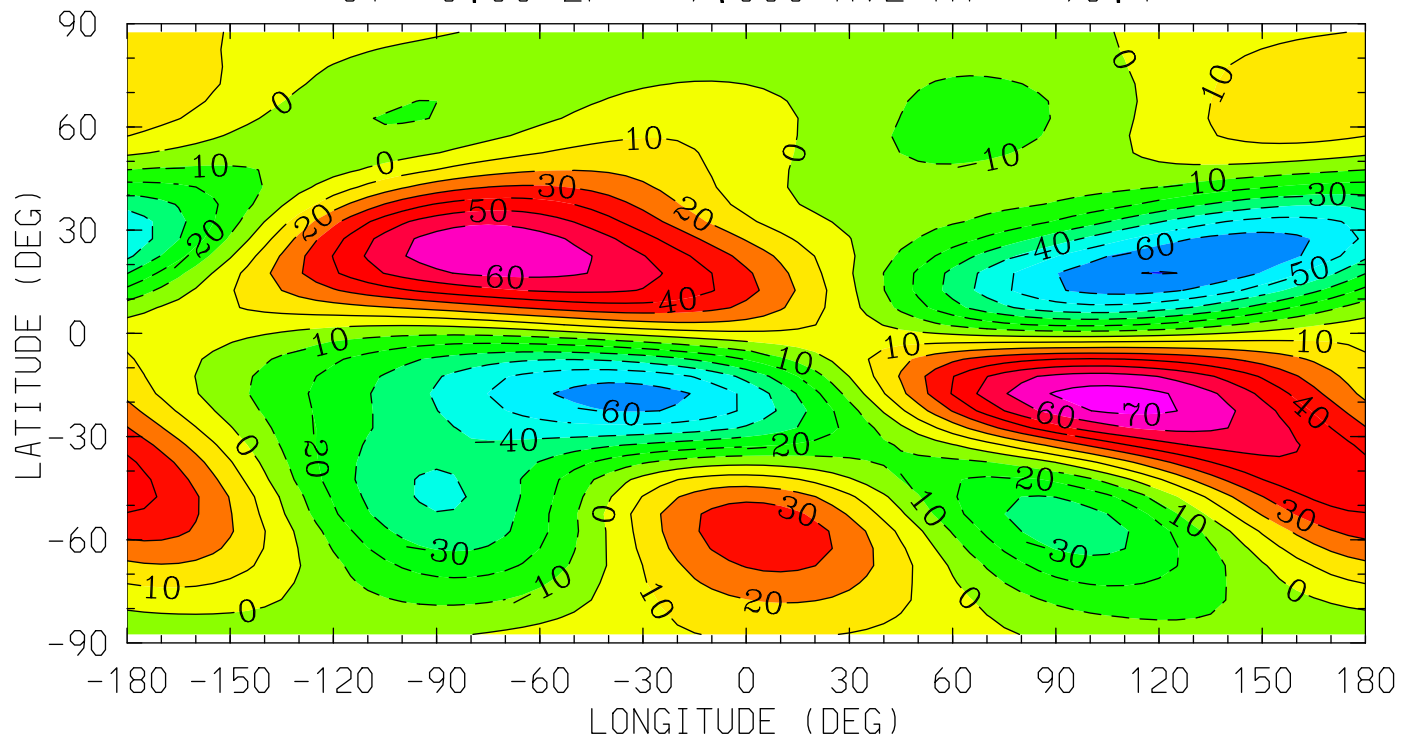
UN (M/S)  
NEUTRAL ZONAL WIND  
UT= 0.00 ZP= 4.000 AVE HT= 353.7



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -3.0506E+02 2.7996E+02 INTERVAL= 4.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

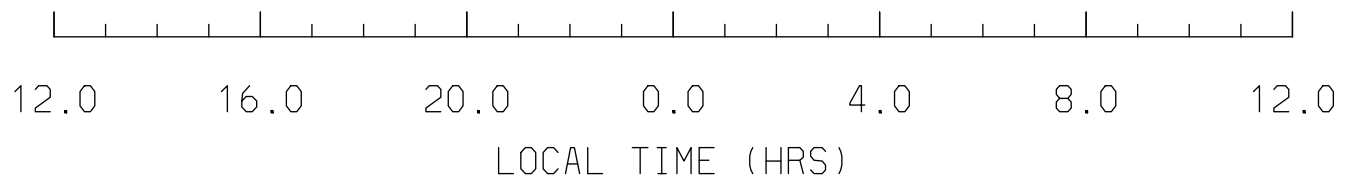
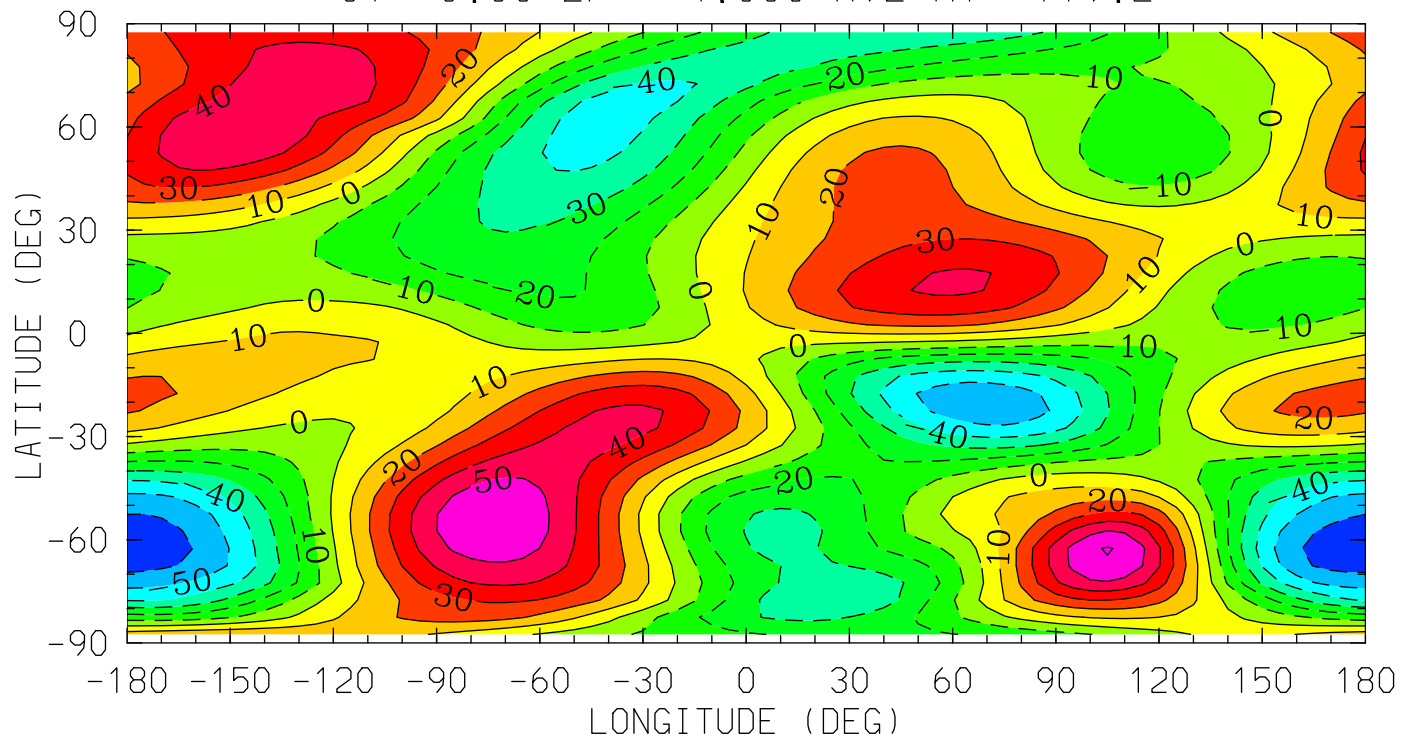
VN (M/S)  
NEUTRAL MERIDIONAL WIND  
UT= 0.00 ZP= -7.000 AVE HT= 96.4



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

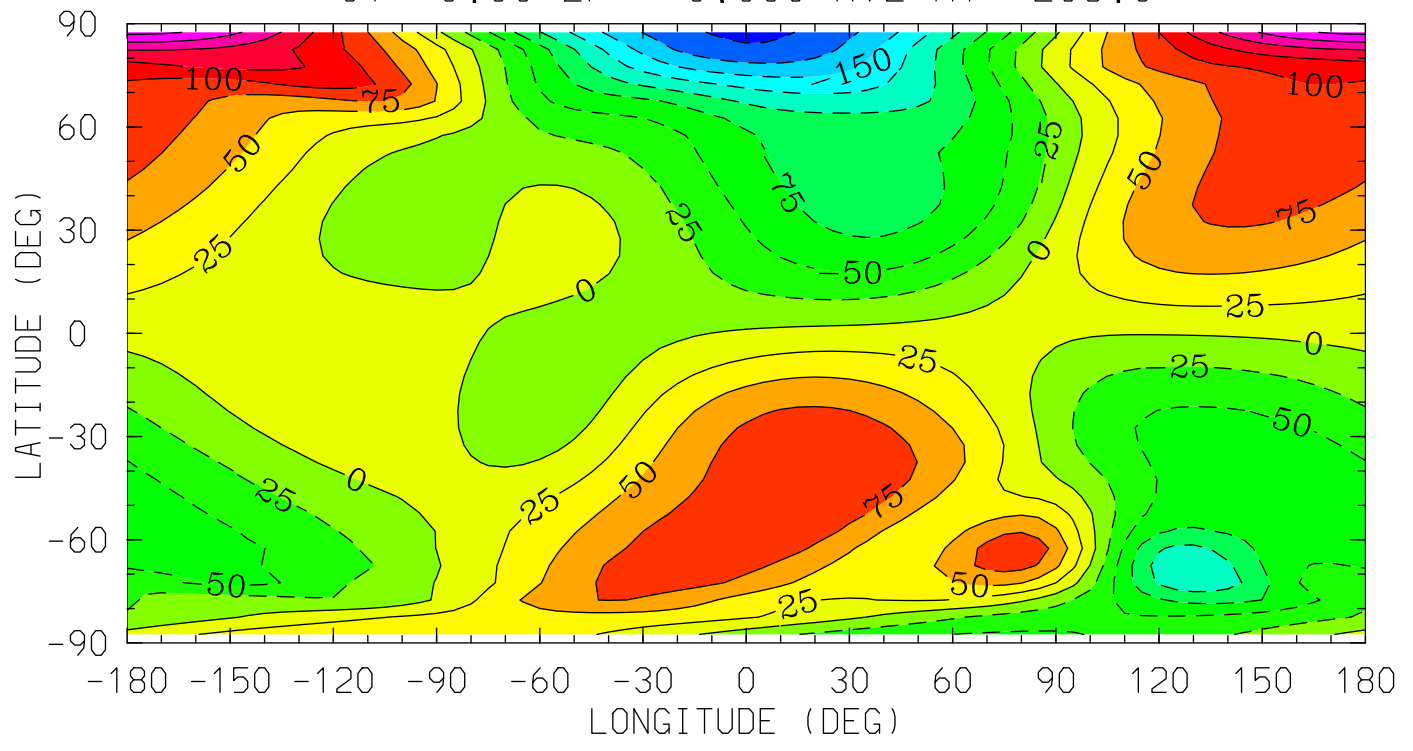
MIN,MAX= -7.0327E+01 7.5053E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

VN (M/S)  
NEUTRAL MERIDIONAL WIND  
UT= 0.00 ZP= -4.000 AVE HT= 119.2



MIN,MAX= -6.6761E+01 6.0724E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

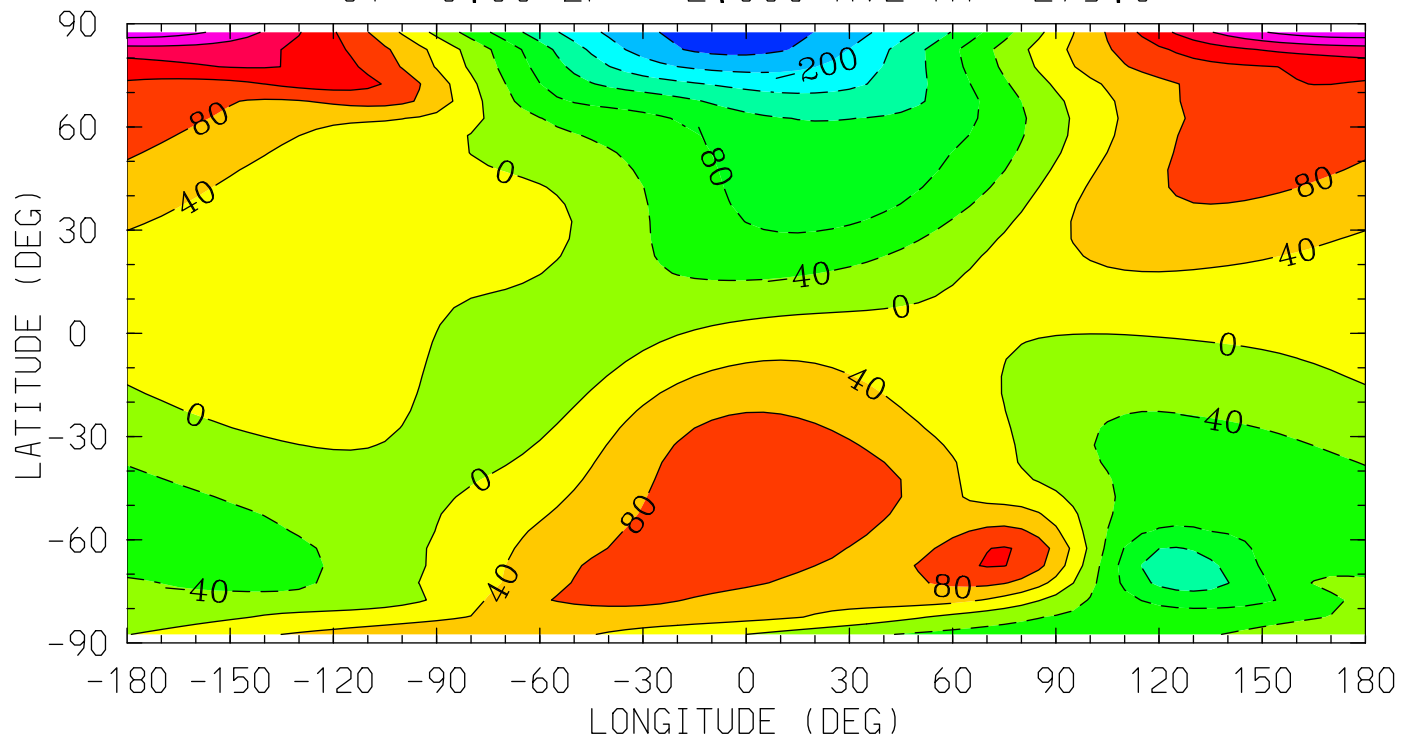
VN (M/S)  
NEUTRAL MERIDIONAL WIND  
UT= 0.00 ZP= 0.000 AVE HT= 208.0



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -2.0524E+02 2.0687E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

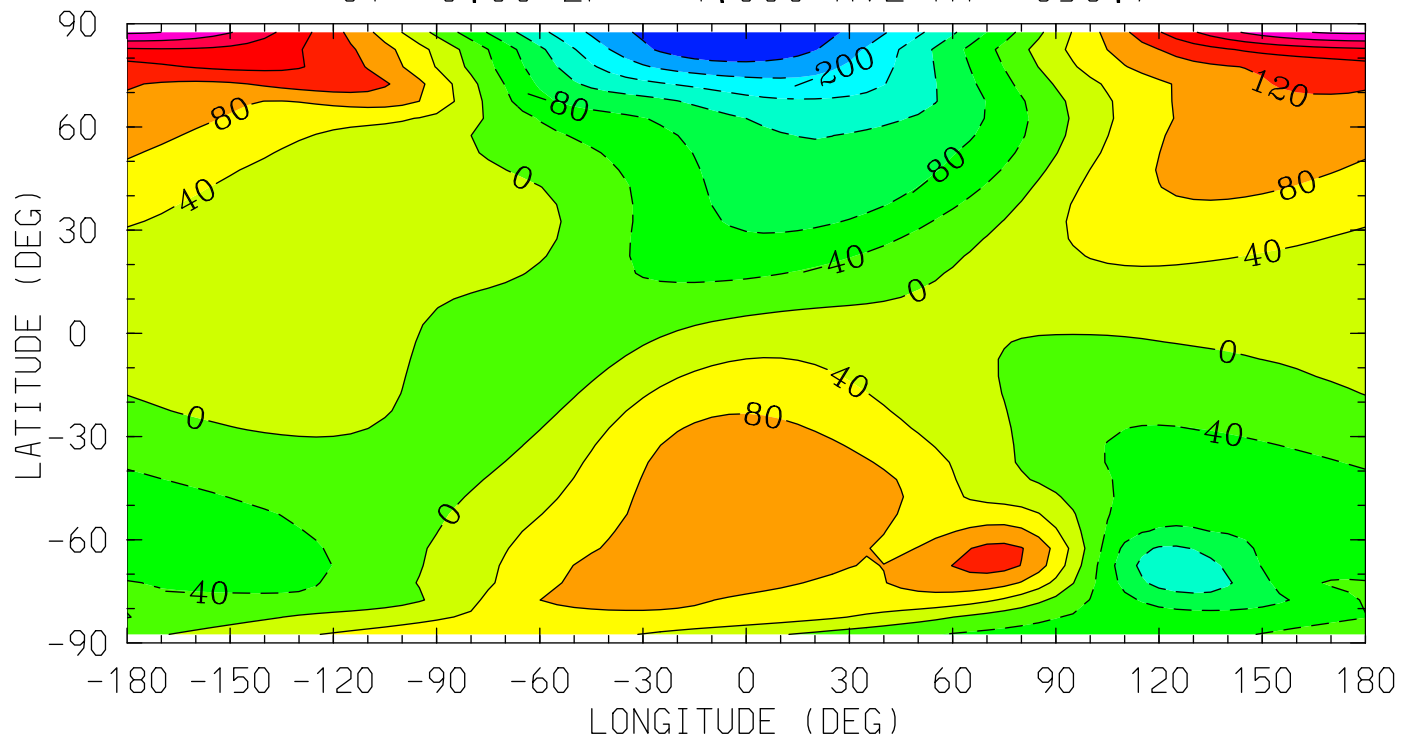
VN (M/S)  
NEUTRAL MERIDIONAL WIND  
UT= 0.00 ZP= 2.000 AVE HT= 275.0



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

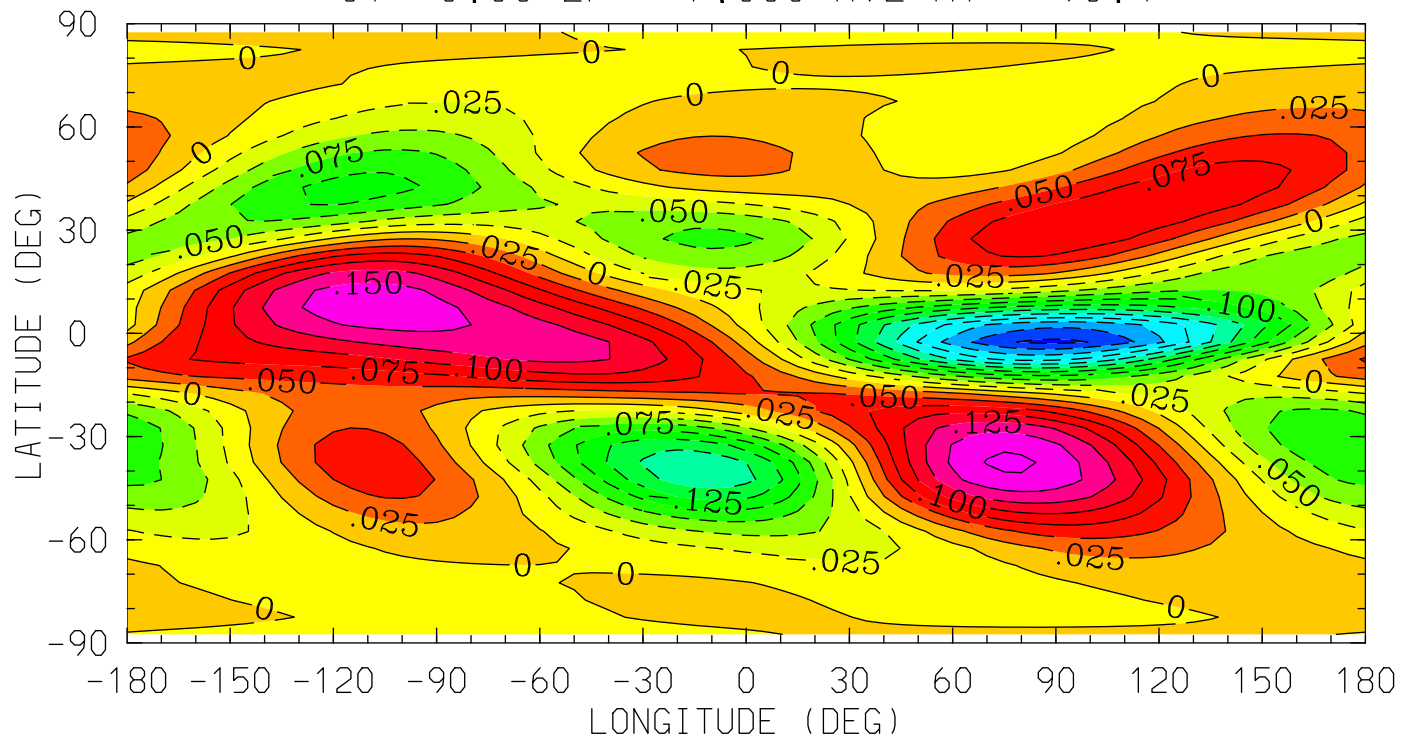
MIN,MAX= -2.5968E+02 2.6585E+02 INTERVAL= 4.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

VN (M/S)  
NEUTRAL MERIDIONAL WIND  
UT= 0.00 ZP= 4.000 AVE HT= 353.7



MIN,MAX= -2.7849E+02 2.8666E+02 INTERVAL= 4.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

WN (M/S)  
NEUTRAL VERTICAL WIND (PLUS UP)  
UT= 0.00 ZP= -7.000 AVE HT= 96.4

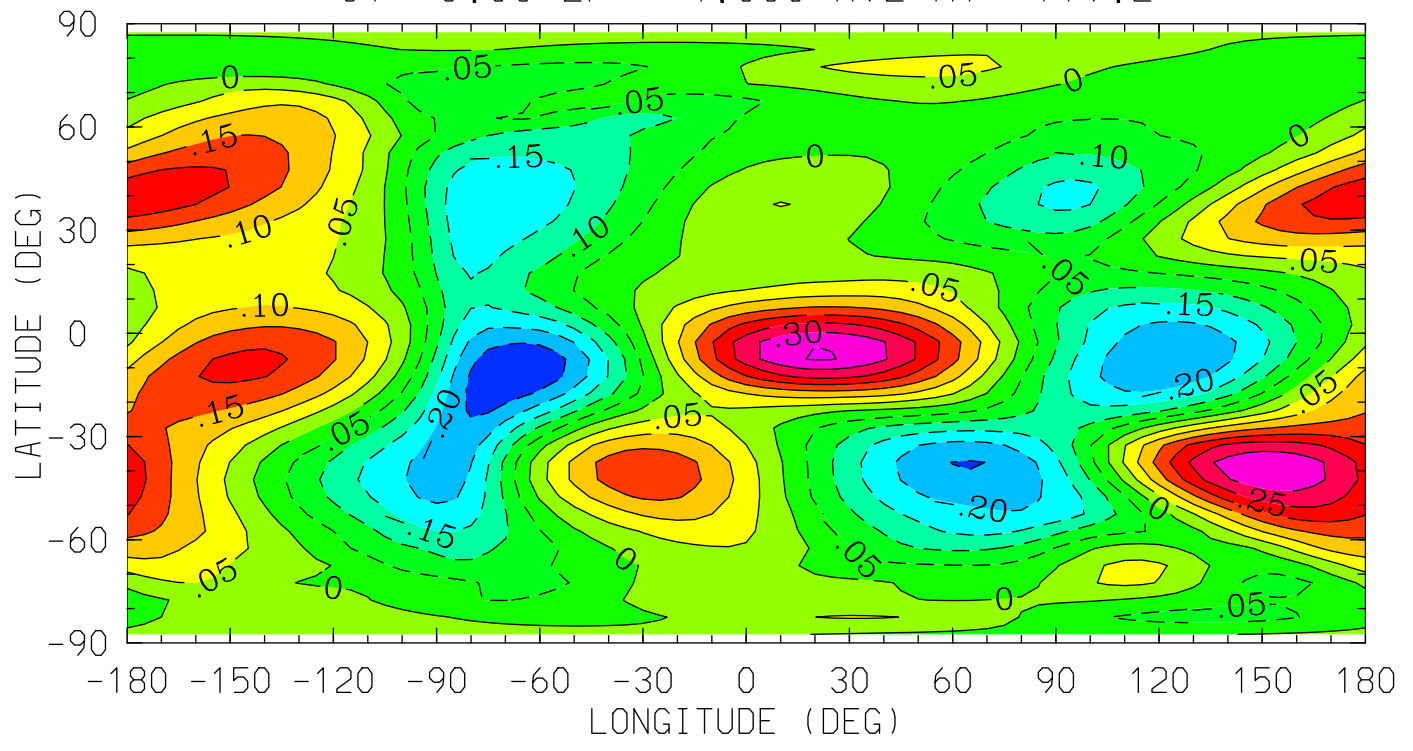


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -2.8110E-01 1.7995E-01 INTERVAL= 2.5000E-02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc



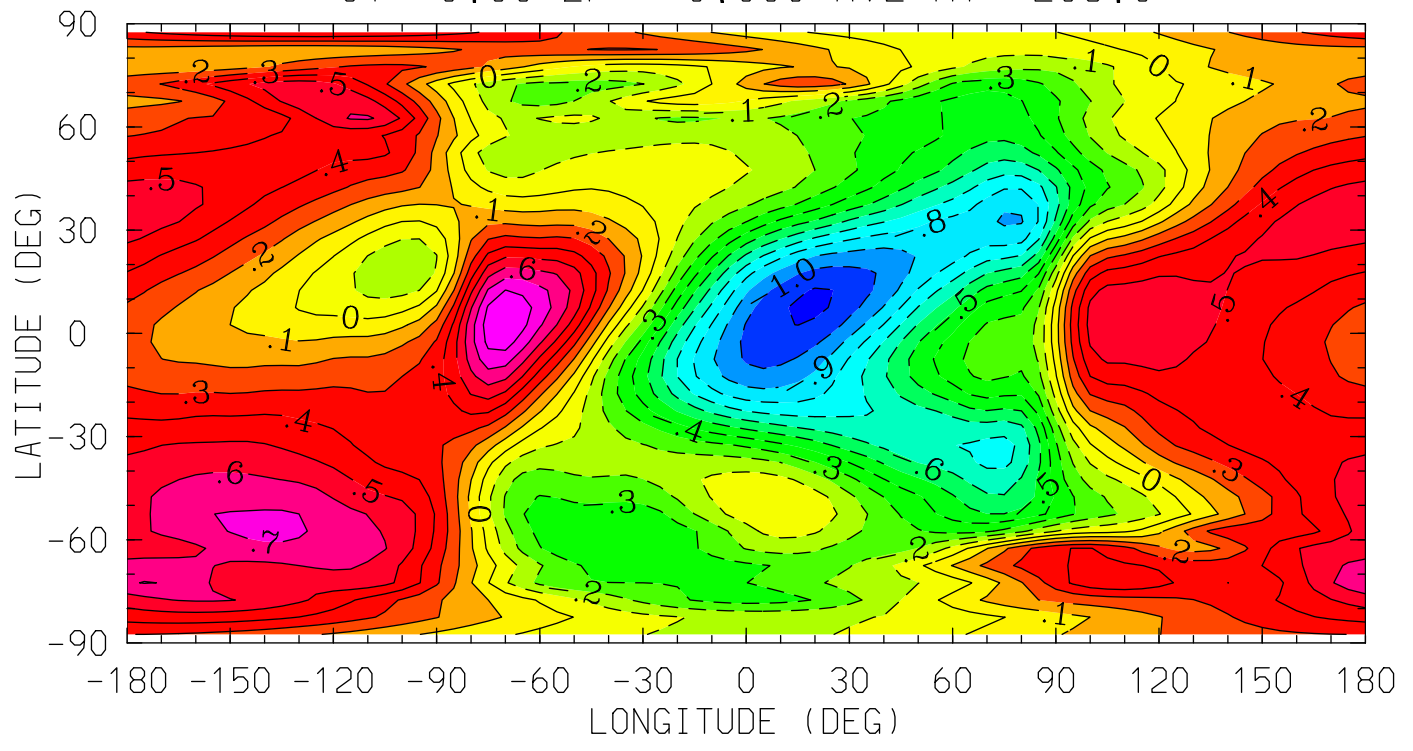
WN (M/S)  
NEUTRAL VERTICAL WIND (PLUS UP)  
UT= 0.00 ZP= -4.000 AVE HT= 119.2



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -2.9104E-01 3.5378E-01 INTERVAL= 5.0000E-02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

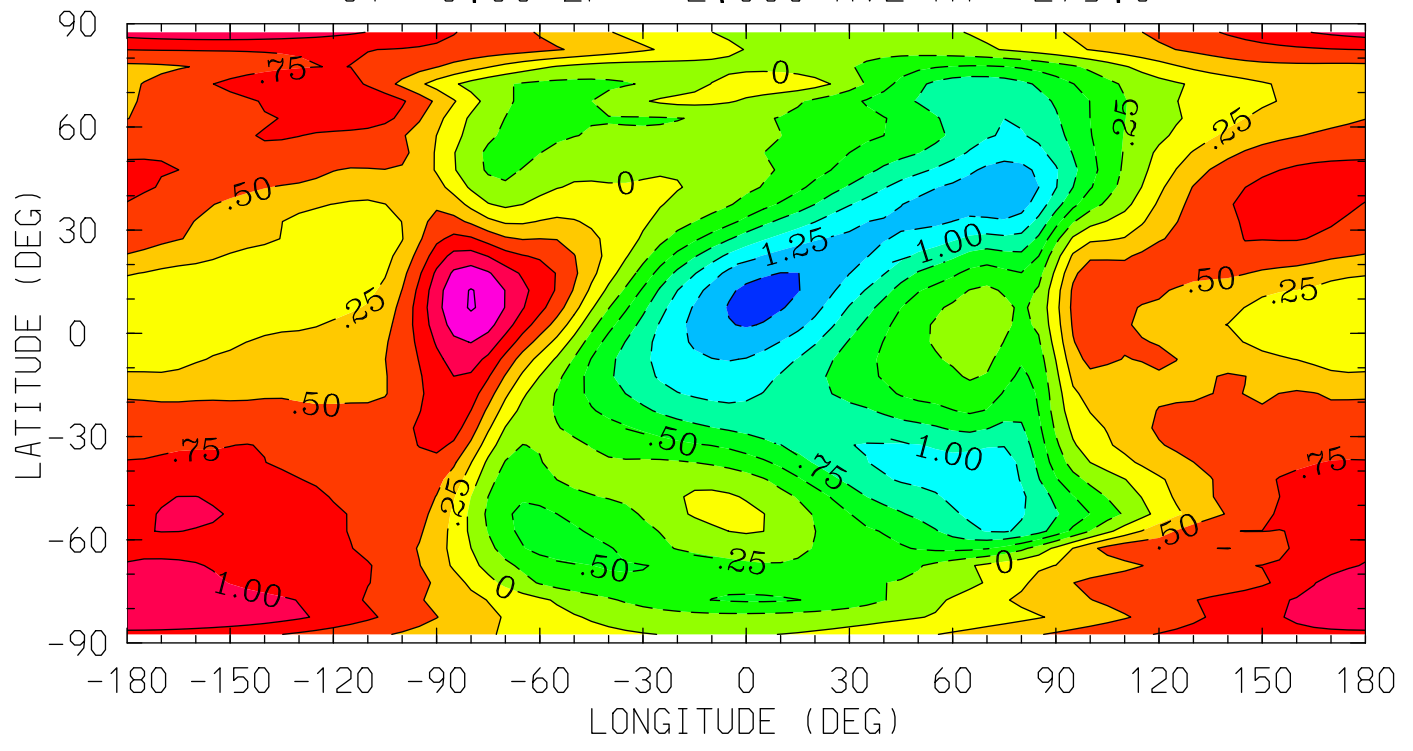
WN (M/S)  
NEUTRAL VERTICAL WIND (PLUS UP)  
UT= 0.00 ZP= 0.000 AVE HT= 208.0



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

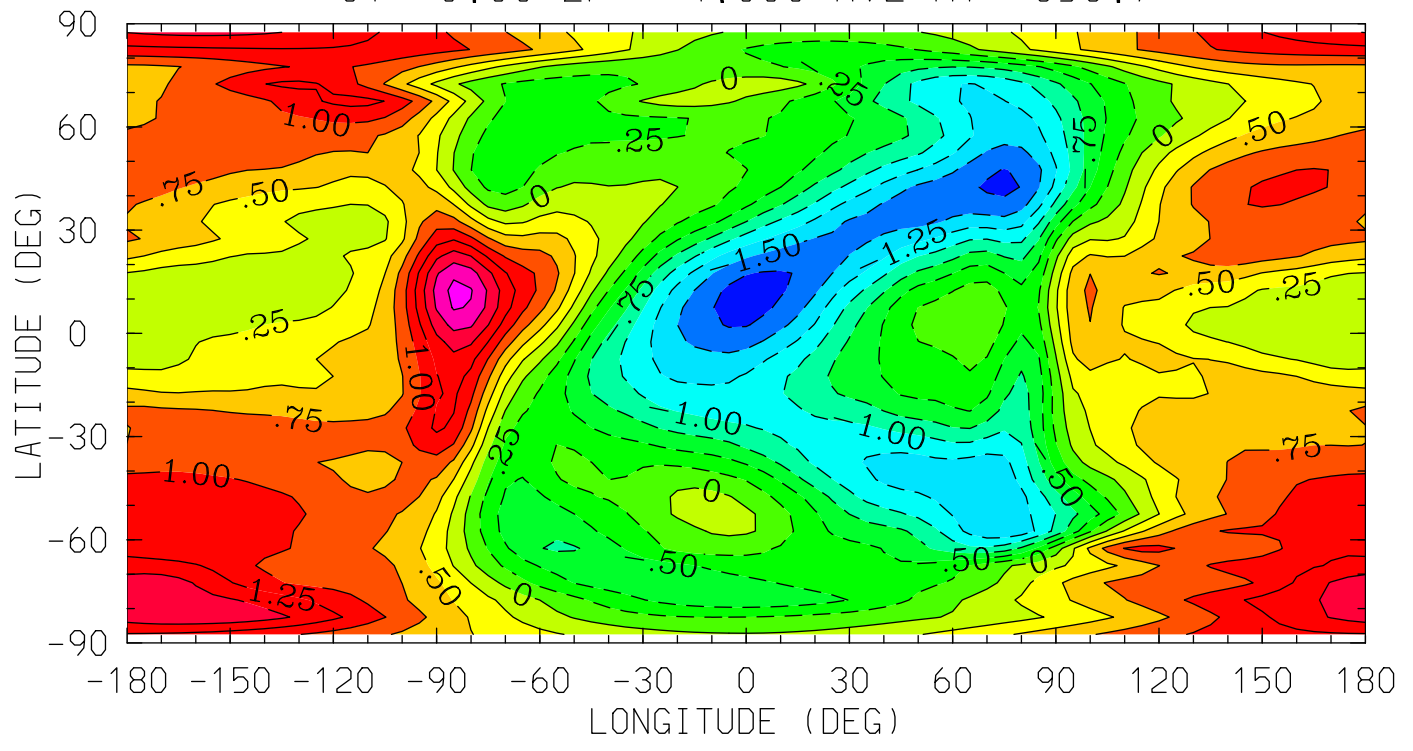
MIN,MAX= -1.1216E+00 9.0175E-01 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

WN (M/S)  
NEUTRAL VERTICAL WIND (PLUS UP)  
UT= 0.00 ZP= 2.000 AVE HT= 275.0



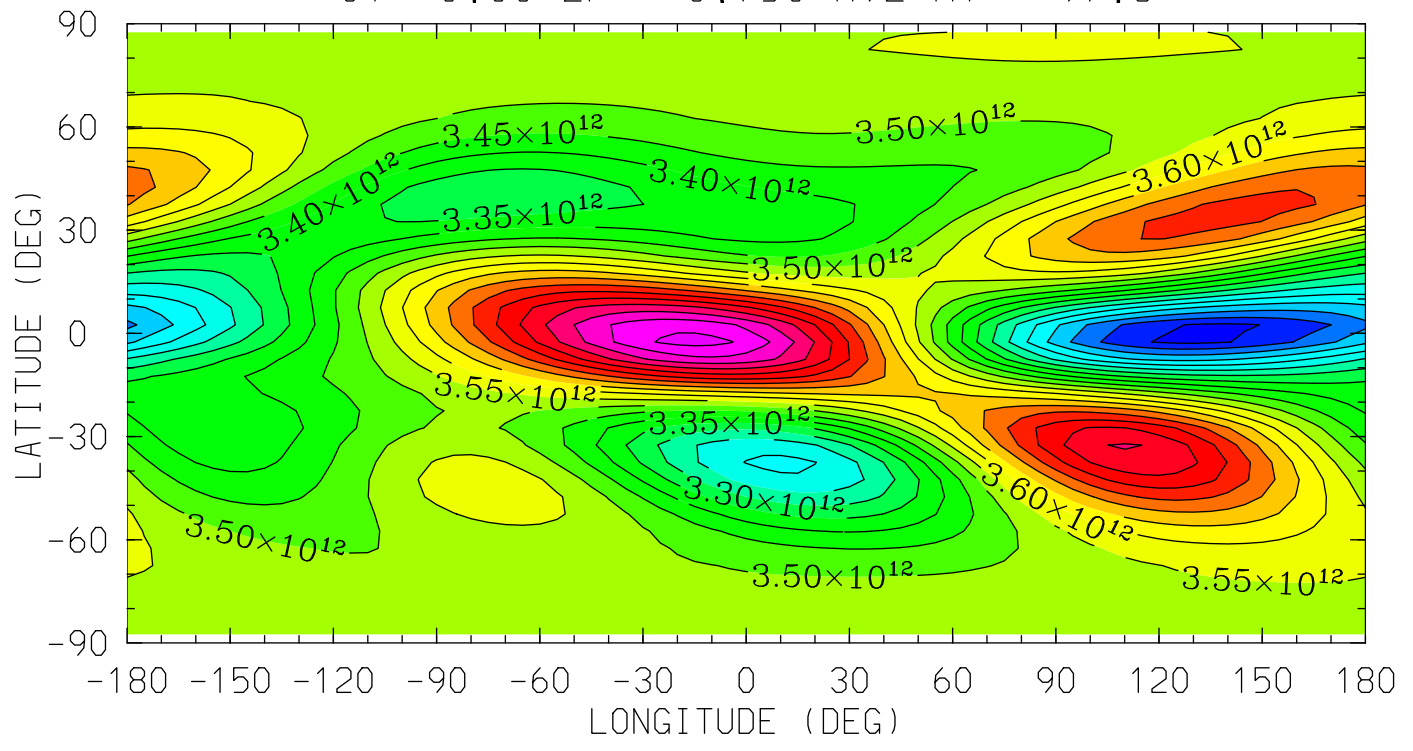
MIN,MAX= -1.5790E+00 1.5206E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

WN (M/S)  
NEUTRAL VERTICAL WIND (PLUS UP)  
UT= 0.00 ZP= 4.000 AVE HT= 353.7



MIN,MAX= -1.8629E+00 2.0862E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

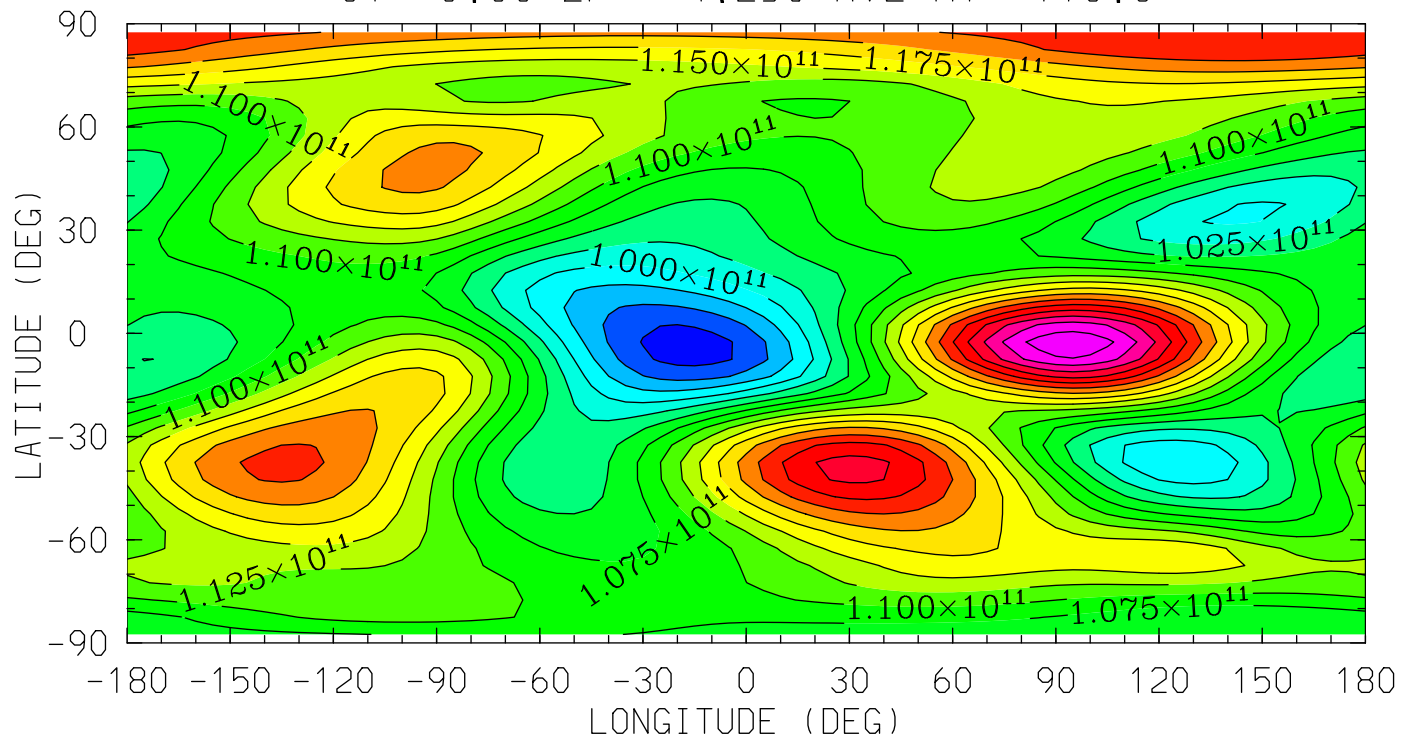
O2 (CM3)  
MOLECULAR OXYGEN  
UT= 0.00 ZP= -6.750 AVE HT= 97.8



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

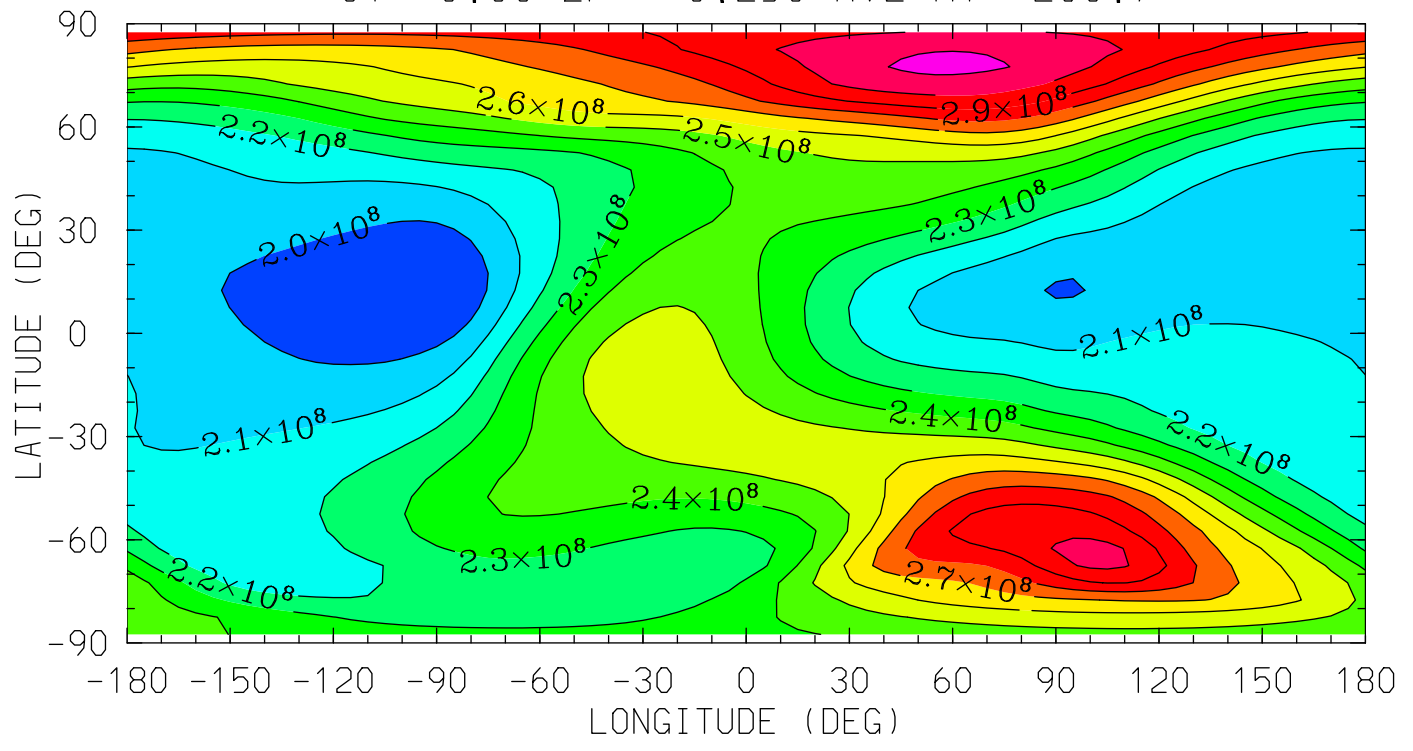
MIN,MAX= 2.9889E+12 4.0680E+12 INTERVAL= 5.0000E+10  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

O2 (CM3)  
MOLECULAR OXYGEN  
UT= 0.00 ZP= -4.250 AVE HT= 116.3



MIN,MAX= 9.1219E+10 1.3711E+11 INTERVAL= 2.5000E+09  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

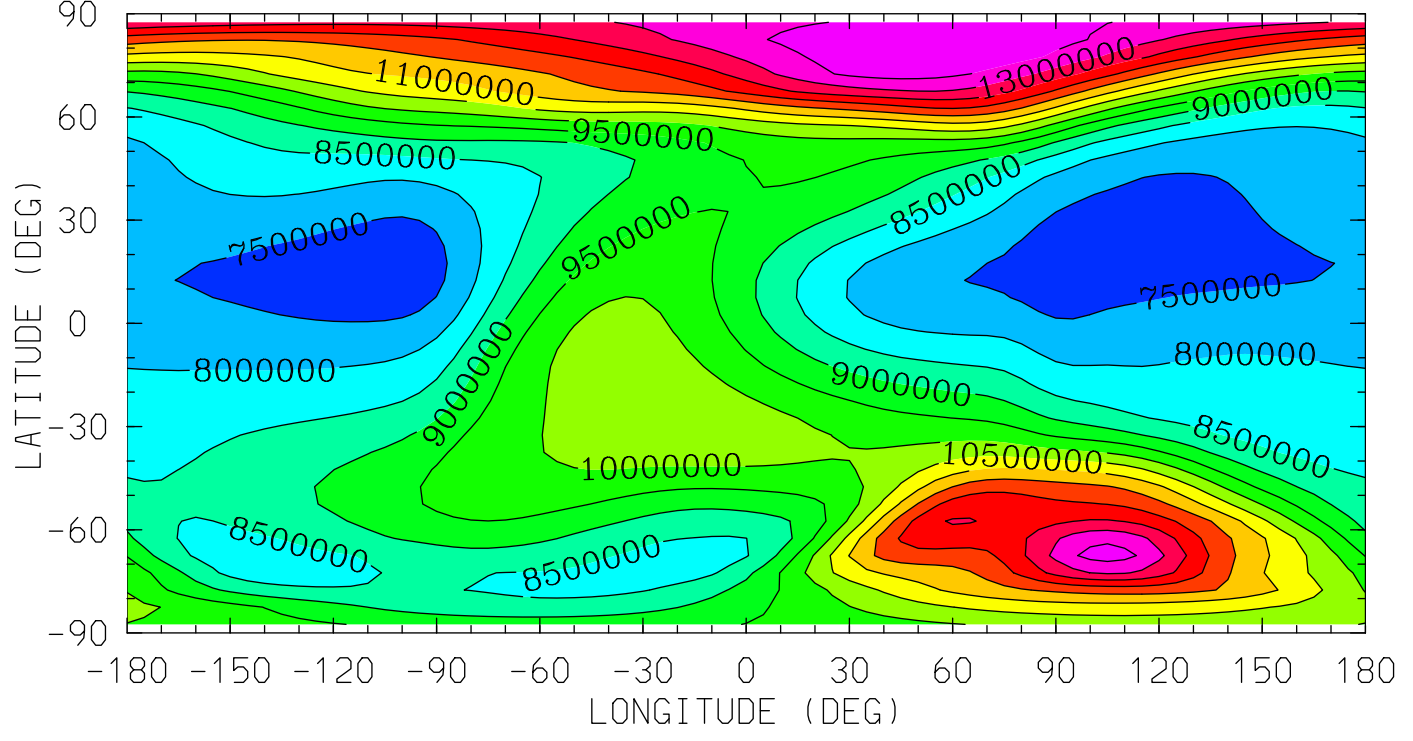
O2 (CM3)  
MOLECULAR OXYGEN  
UT= 0.00 ZP= -0.250 AVE HT= 200.7



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.9058E+08 3.1260E+08 INTERVAL= 1.0000E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

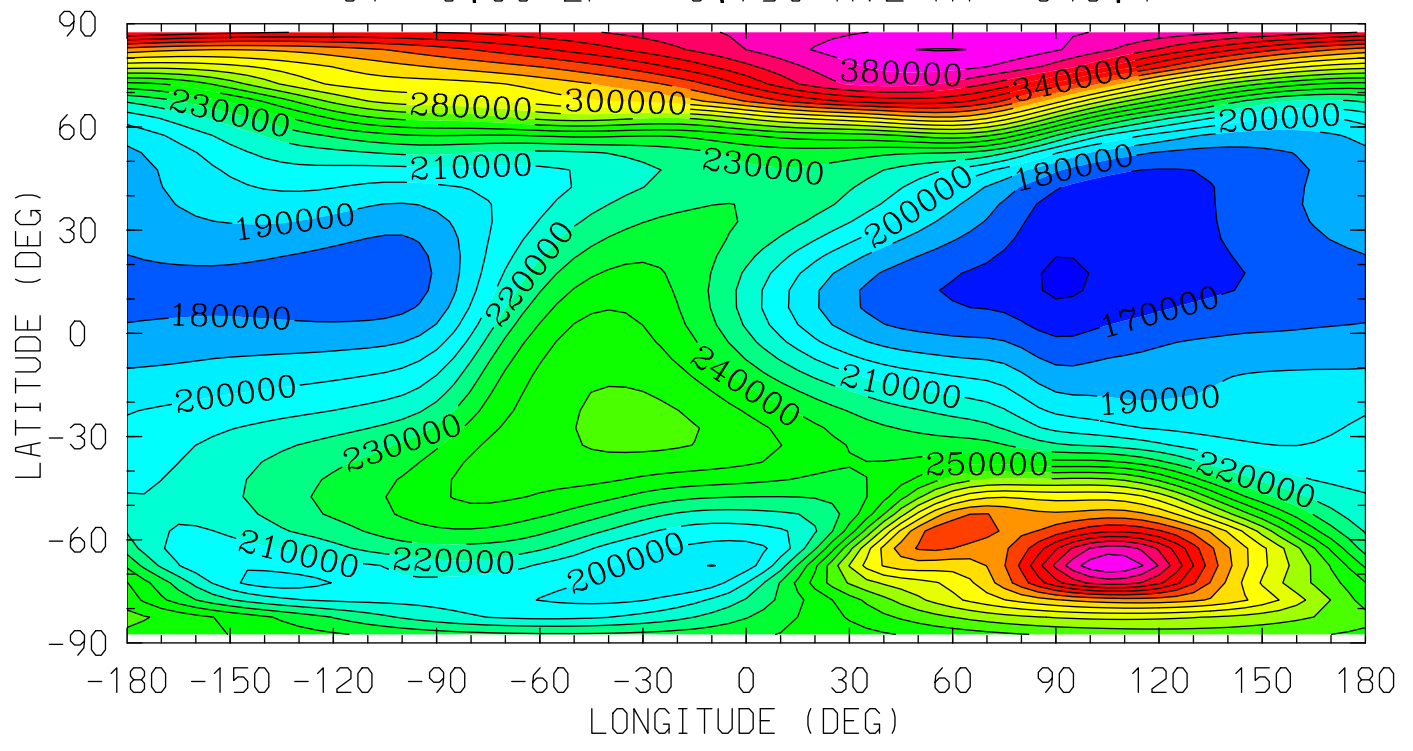
O2 (CM3)  
MOLECULAR OXYGEN  
UT= 0.00 ZP= 1.750 AVE HT= 266.0



MIN,MAX= 7.1643E+06 1.3973E+07 INTERVAL= 5.0000E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc



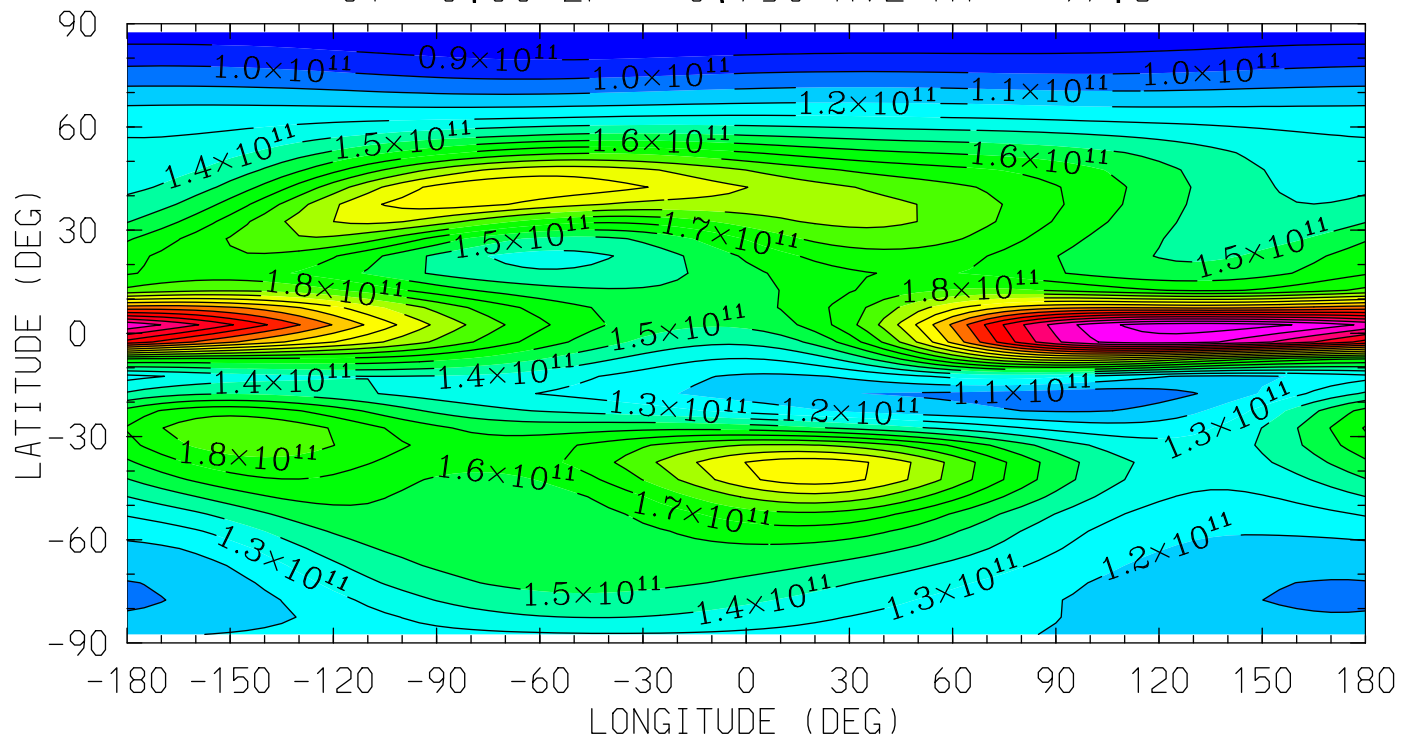
O2 (CM3)  
MOLECULAR OXYGEN  
UT= 0.00 ZP= 3.750 AVE HT= 343.4



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

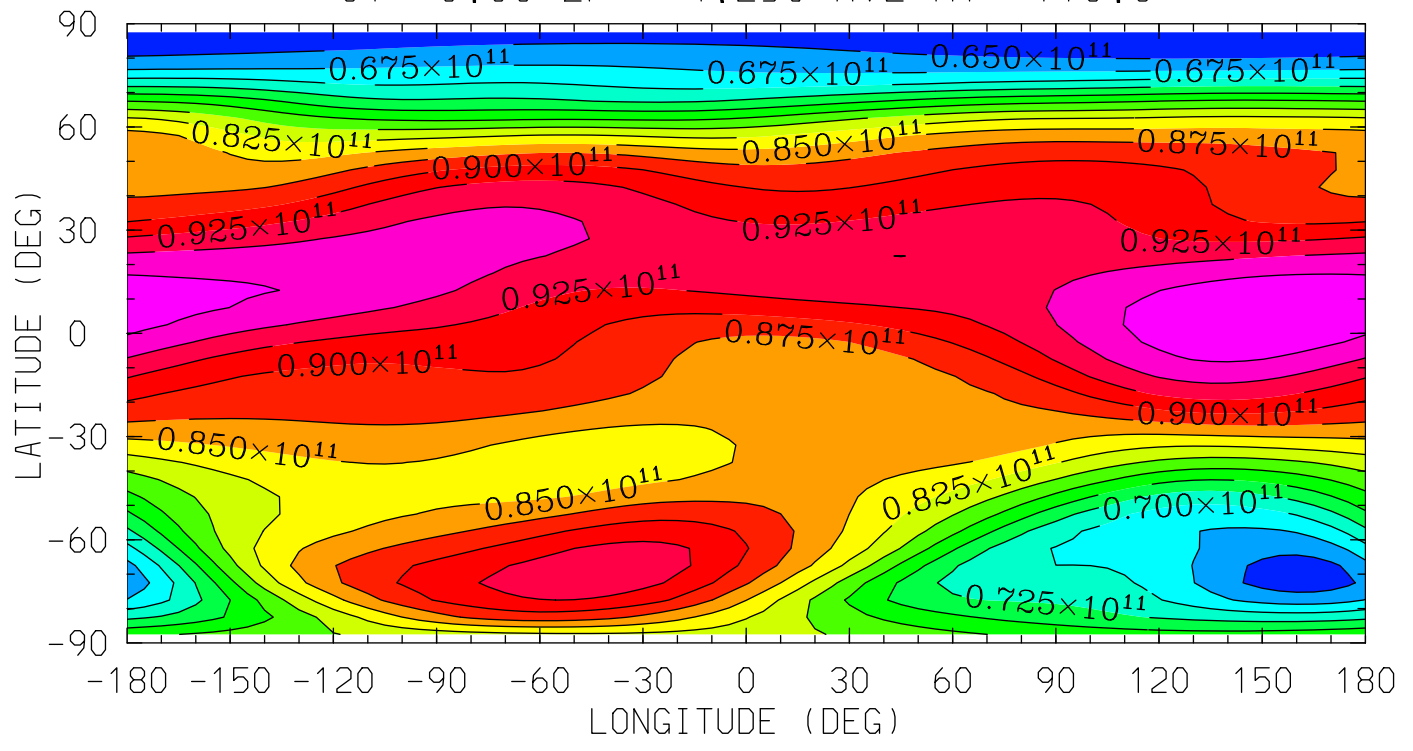
MIN,MAX= 1.5845E+05 3.9044E+05 INTERVAL= 1.0000E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

01 (CM3)  
ATOMIC OXYGEN  
UT= 0.00 ZP= -6.750 AVE HT= 97.8



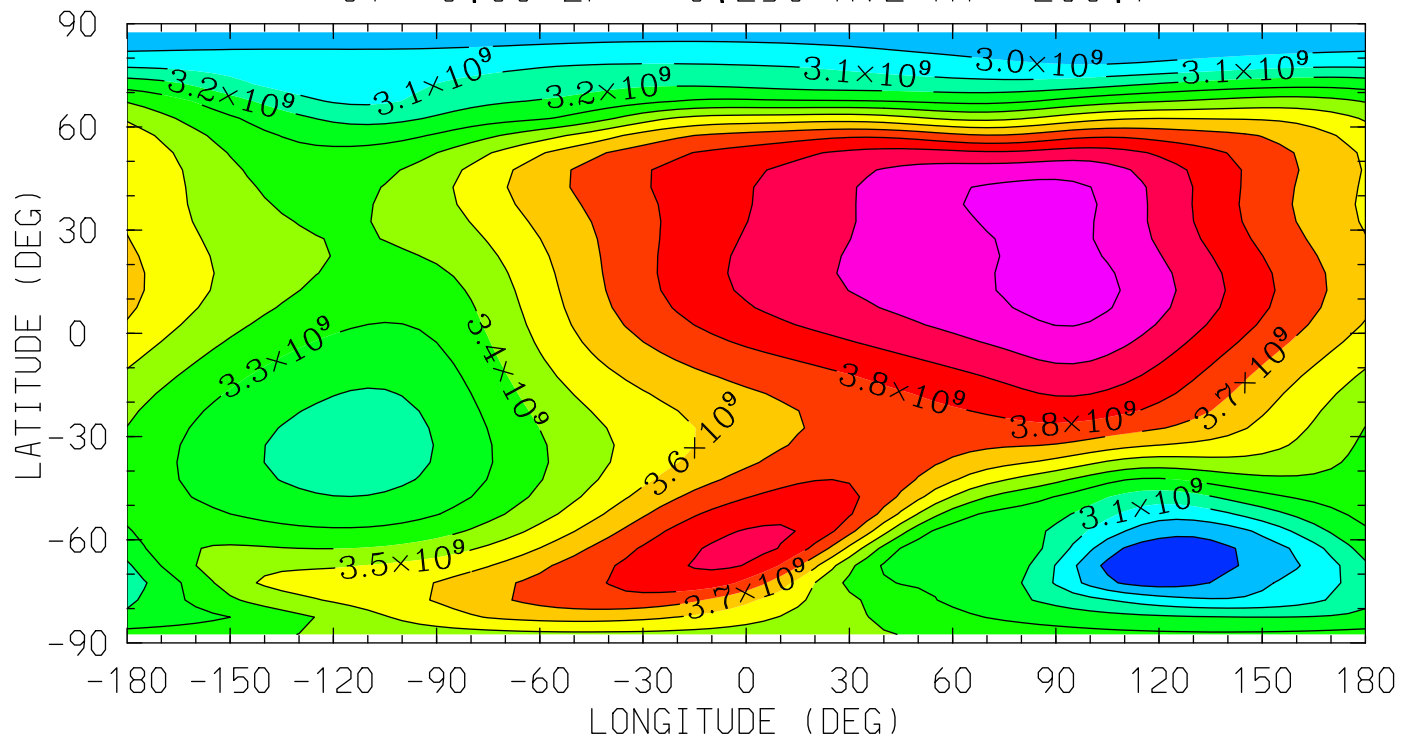
MIN,MAX= 8.3393E+10 3.0613E+11 INTERVAL= 1.0000E+10  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

O1 (CM3)  
ATOMIC OXYGEN  
UT= 0.00 ZP= -4.250 AVE HT= 116.3



MIN,MAX= 6.2919E+10 9.9789E+10 INTERVAL= 2.5000E+09  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

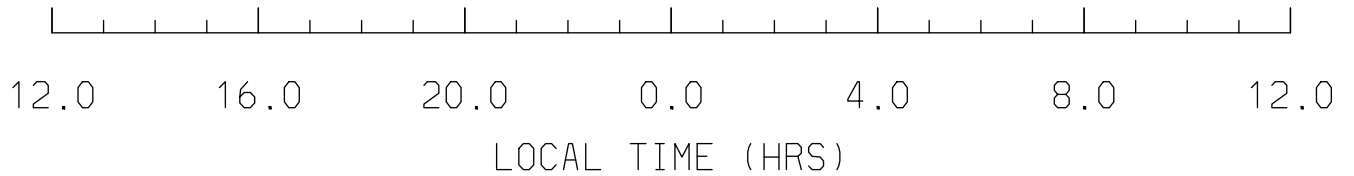
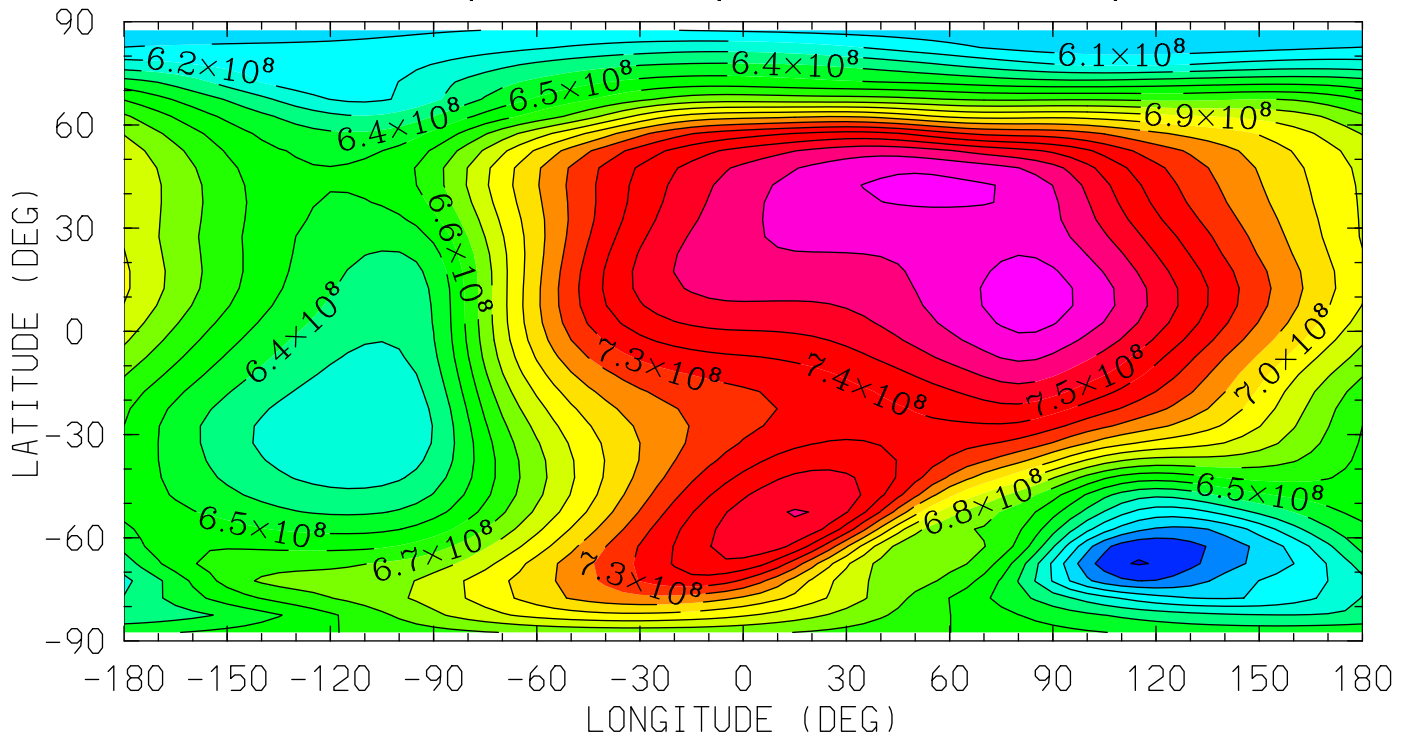
01 (CM3)  
ATOMIC OXYGEN  
UT= 0.00 ZP= -0.250 AVE HT= 200.7



MIN,MAX= 2.8006E+09 4.1442E+09 INTERVAL= 1.0000E+08  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

O1 (CM3)  
ATOMIC OXYGEN

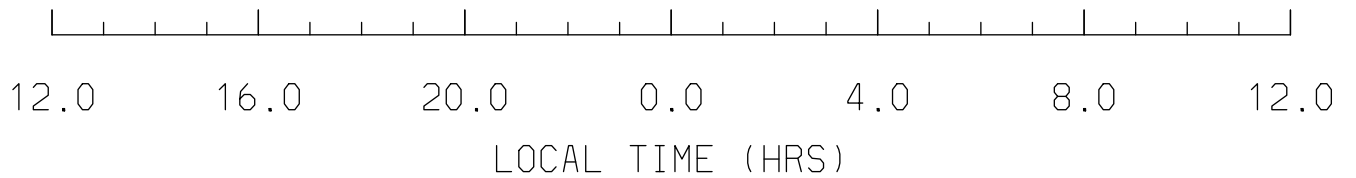
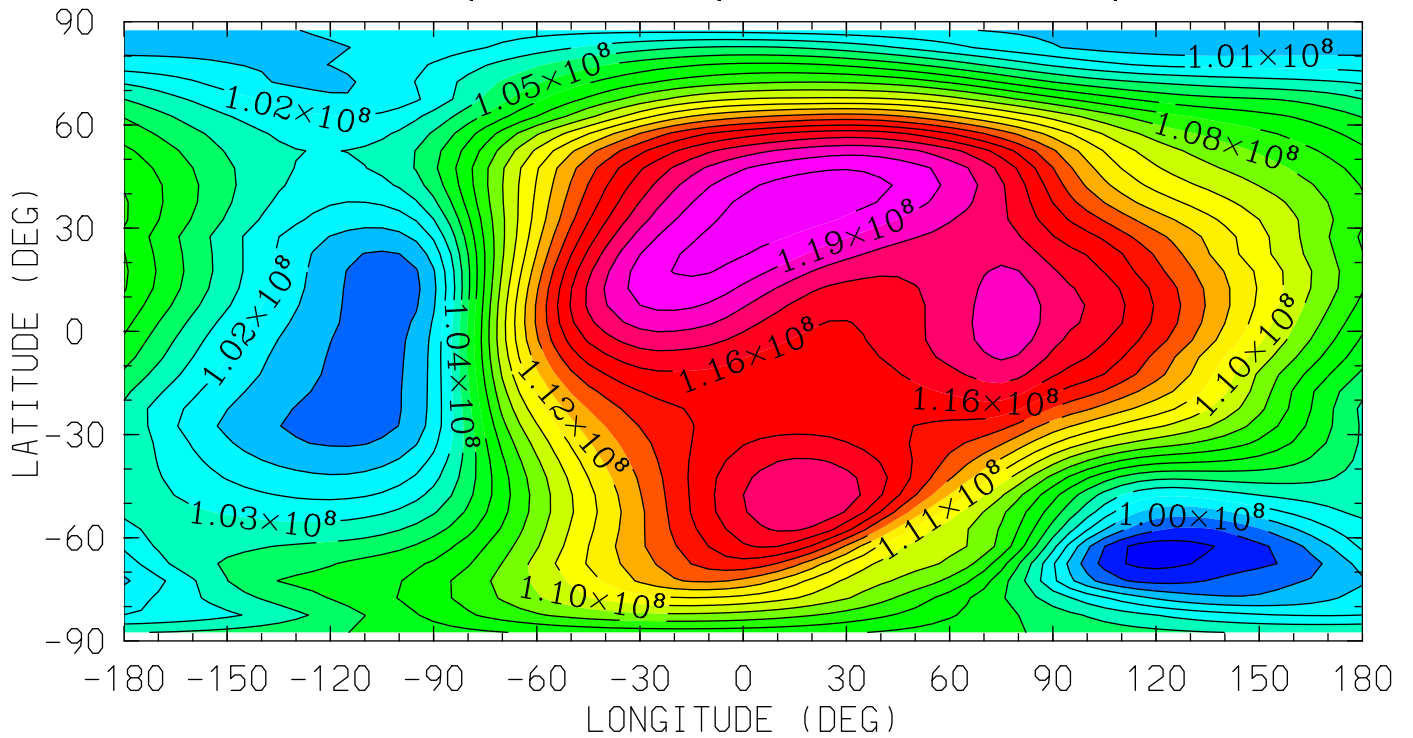
UT= 0.00 ZP= 1.750 AVE HT= 266.0



MIN,MAX= 5.7932E+08 7.8555E+08 INTERVAL= 1.0000E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

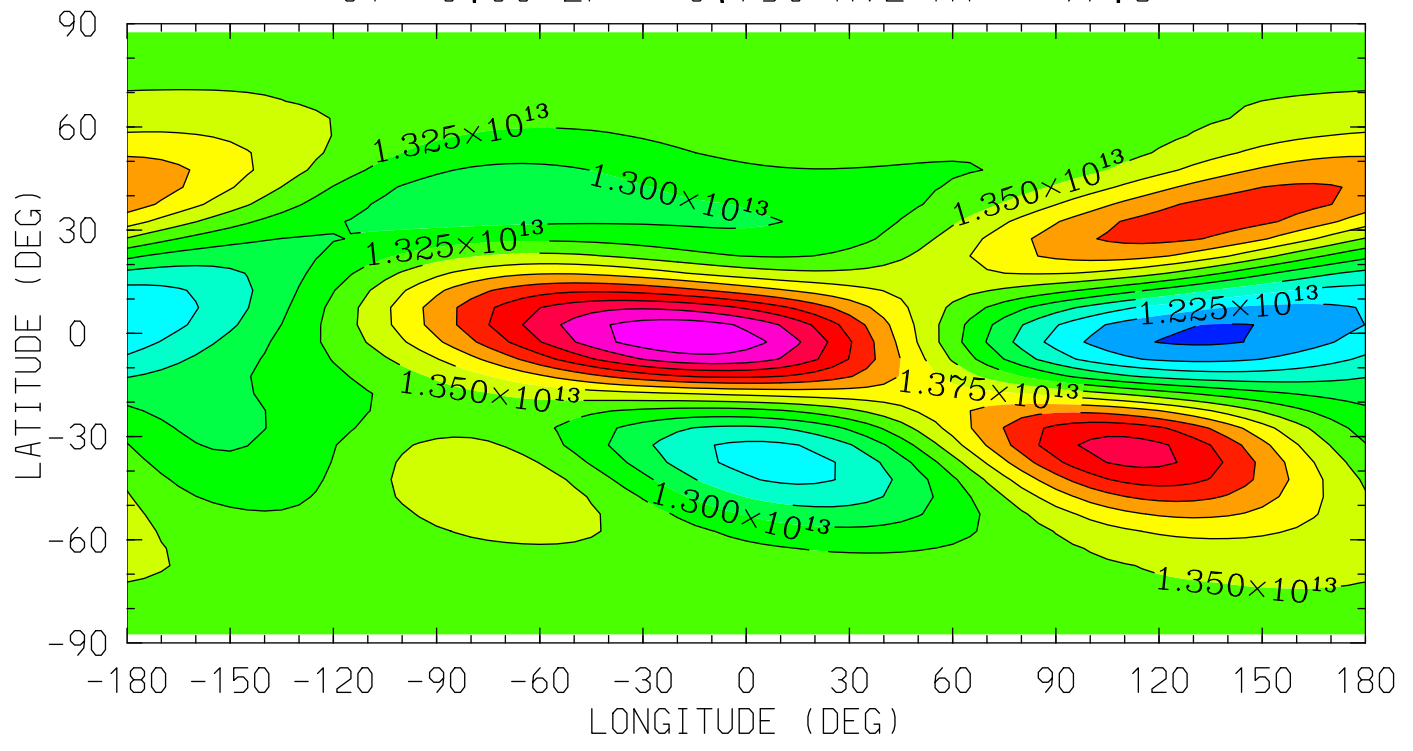
O1 (CM3)  
ATOMIC OXYGEN

UT= 0.00 ZP= 3.750 AVE HT= 343.4



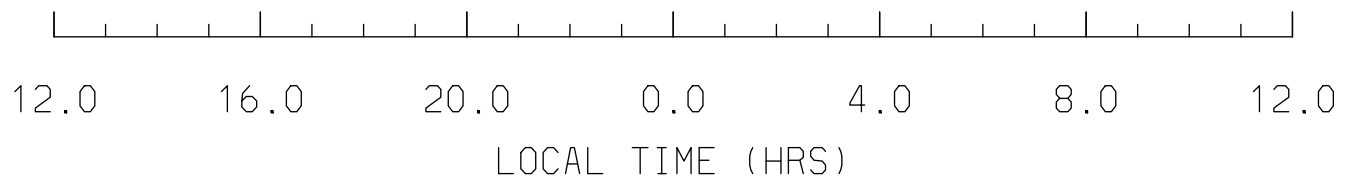
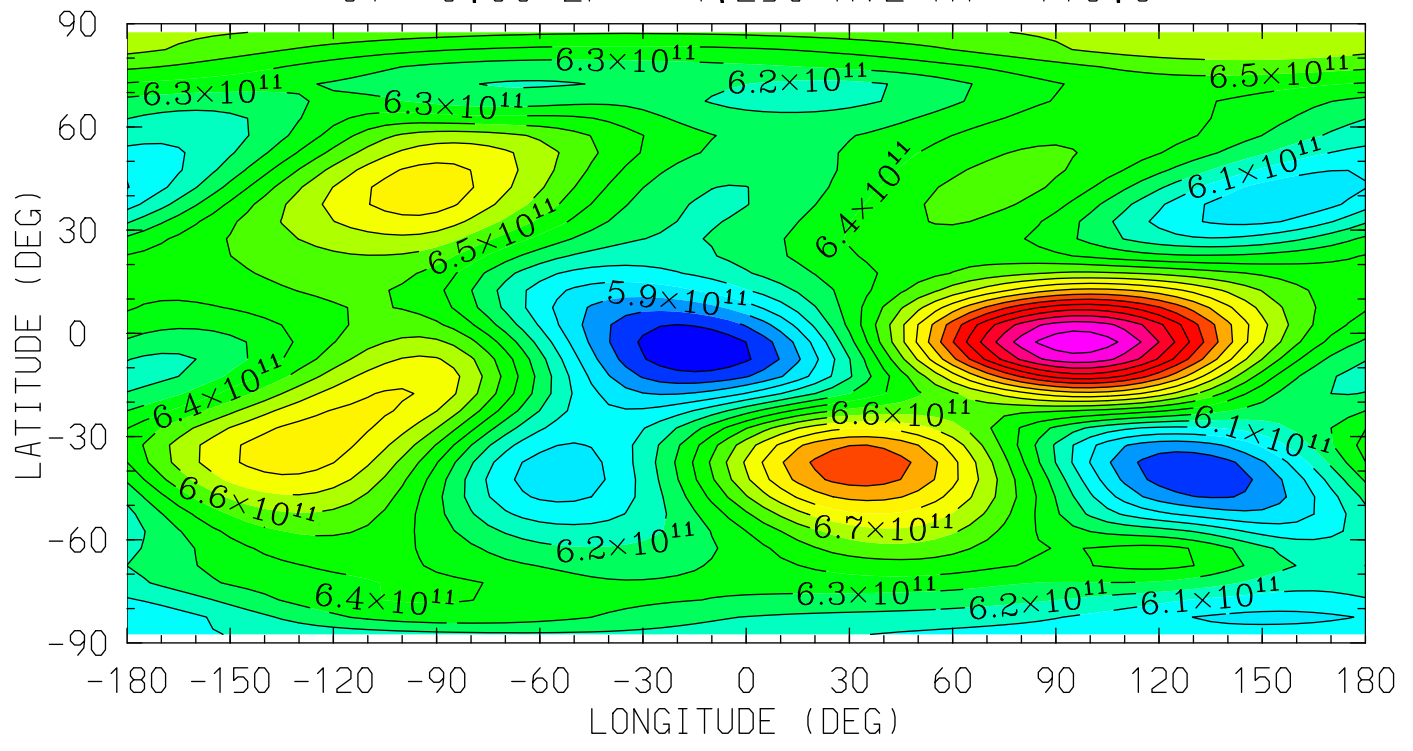
MIN,MAX= 9.7494E+07 1.2065E+08 INTERVAL= 1.0000E+06  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

N2 (CM3)  
MOLECULAR NITROGEN  
UT= 0.00 ZP= -6.750 AVE HT= 97.8



MIN,MAX= 1.1961E+13 1.5475E+13 INTERVAL= 2.5000E+11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

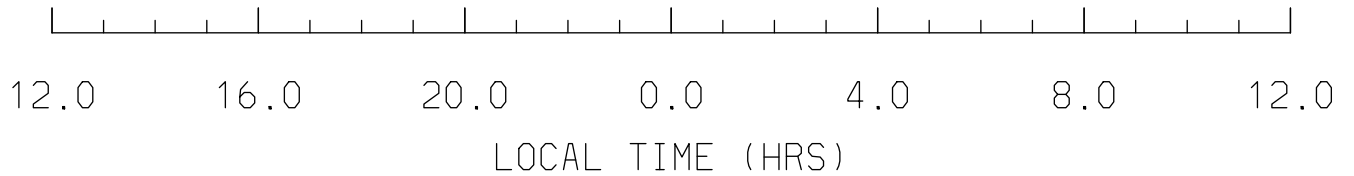
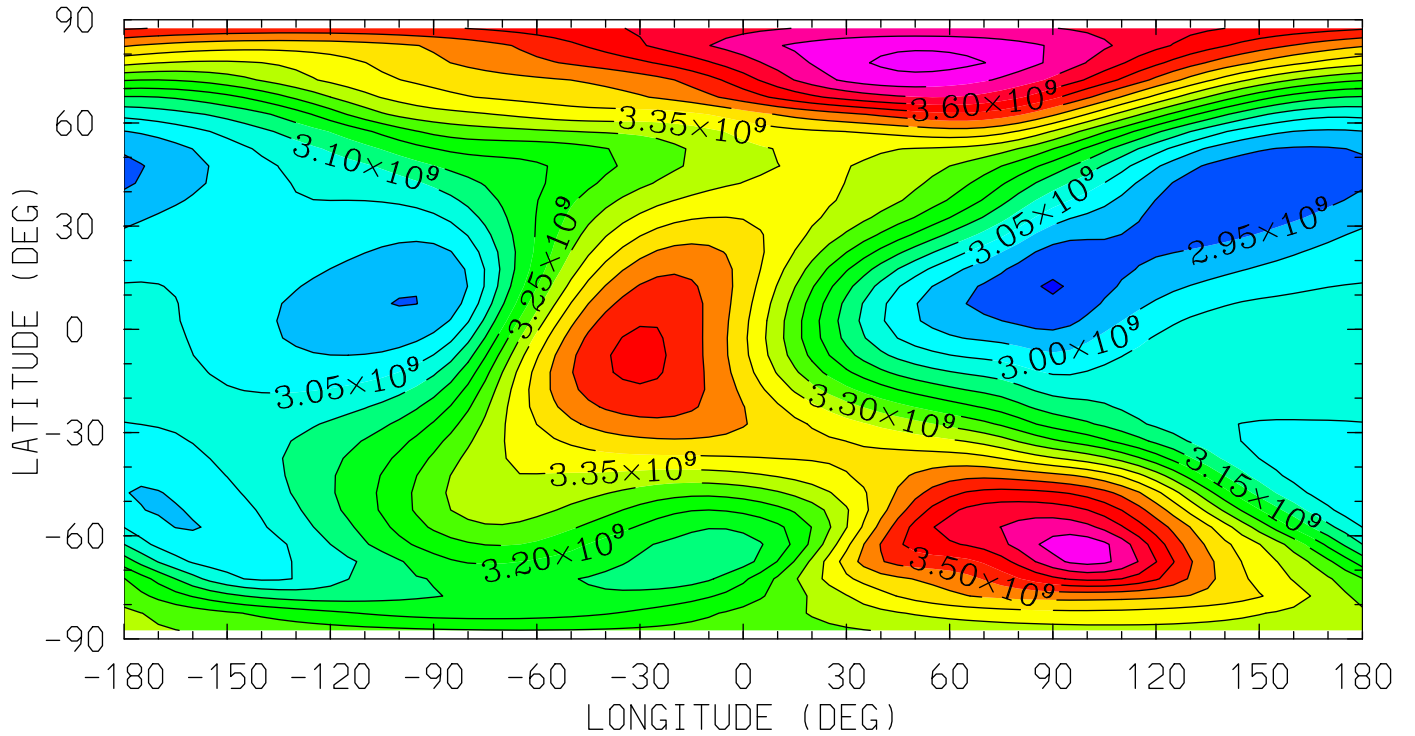
N2 (CM3)  
MOLECULAR NITROGEN  
UT= 0.00 ZP= -4.250 AVE HT= 116.3



MIN,MAX= 5.6181E+11 7.6792E+11 INTERVAL= 1.0000E+10  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

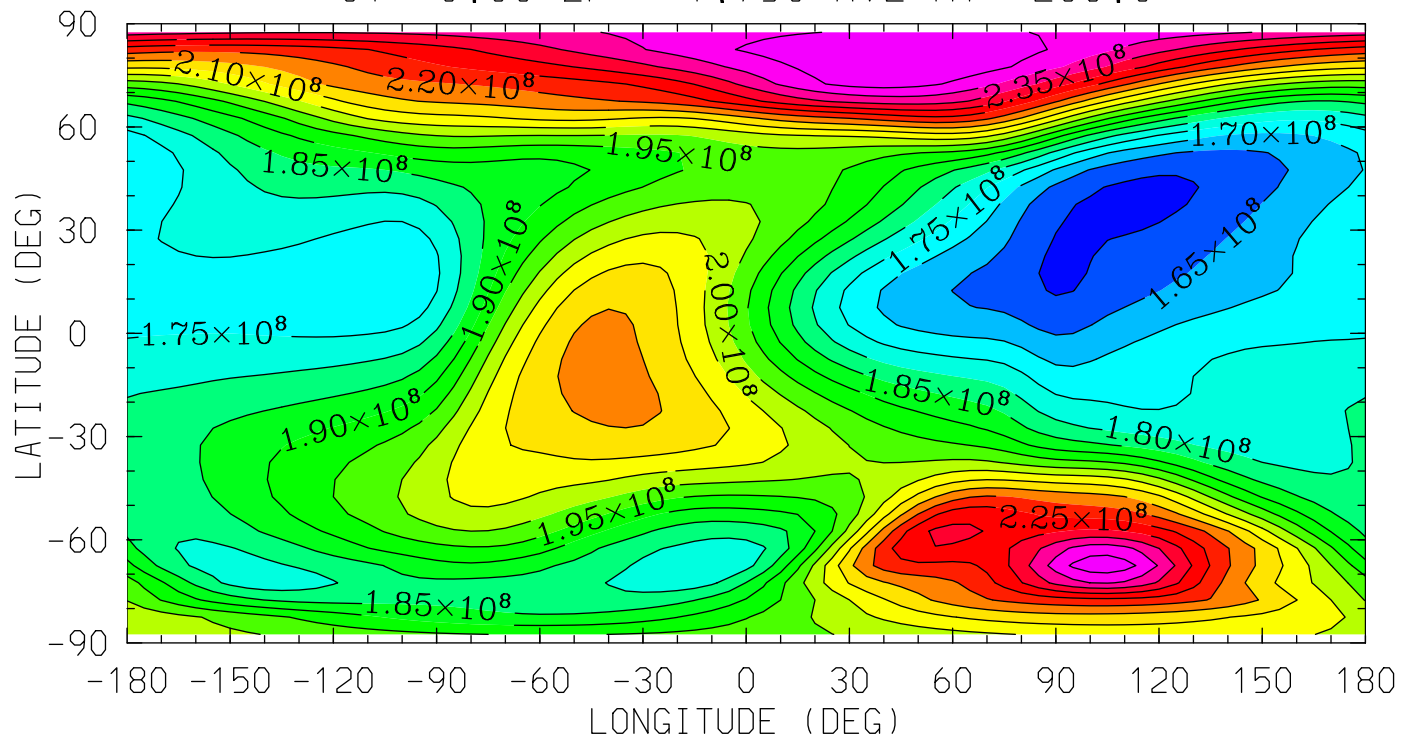


N2 (CM3)  
MOLECULAR NITROGEN  
UT= 0.00 ZP= -0.250 AVE HT= 200.7



MIN,MAX= 2.8959E+09 3.7685E+09 INTERVAL= 5.0000E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

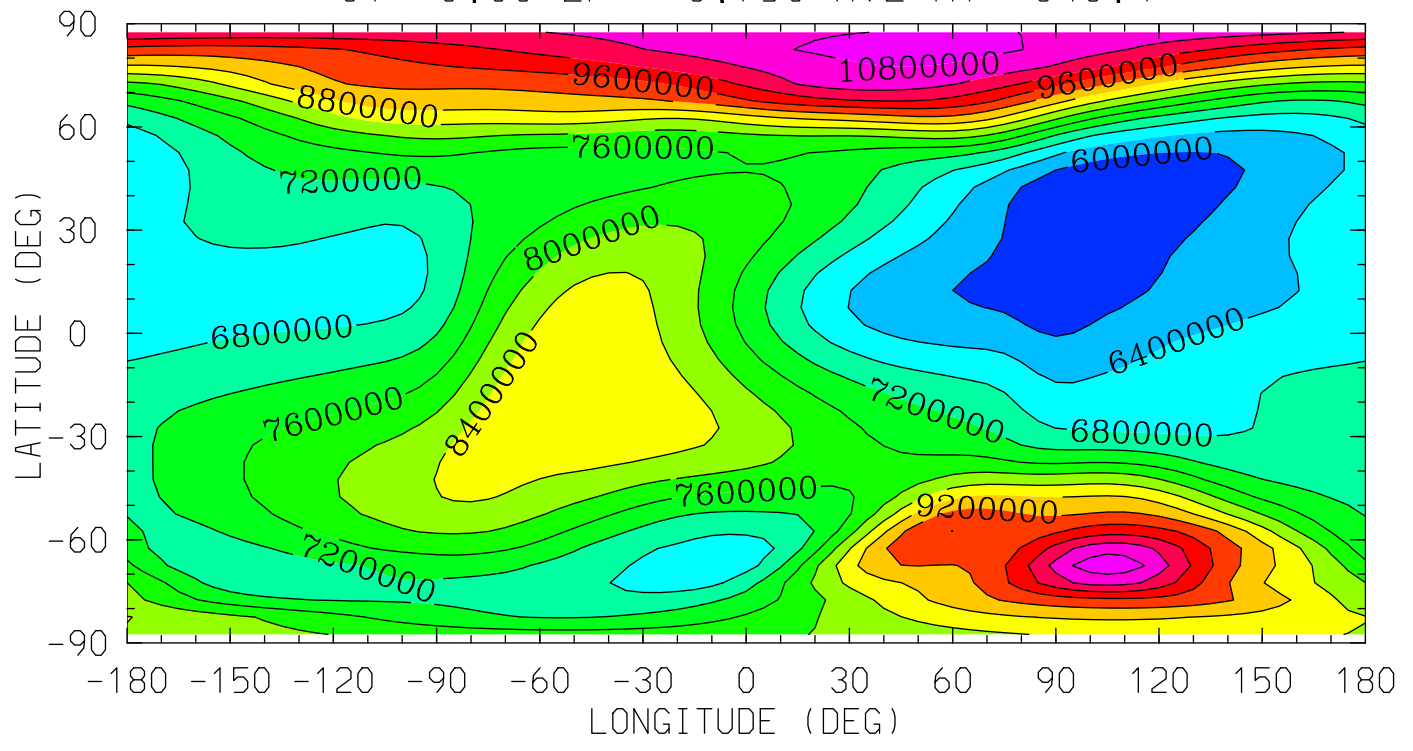
N2 (CM3)  
MOLECULAR NITROGEN  
UT= 0.00 ZP= 1.750 AVE HT= 266.0



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.5851E+08 2.4985E+08 INTERVAL= 5.0000E+06  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

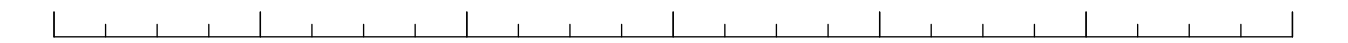
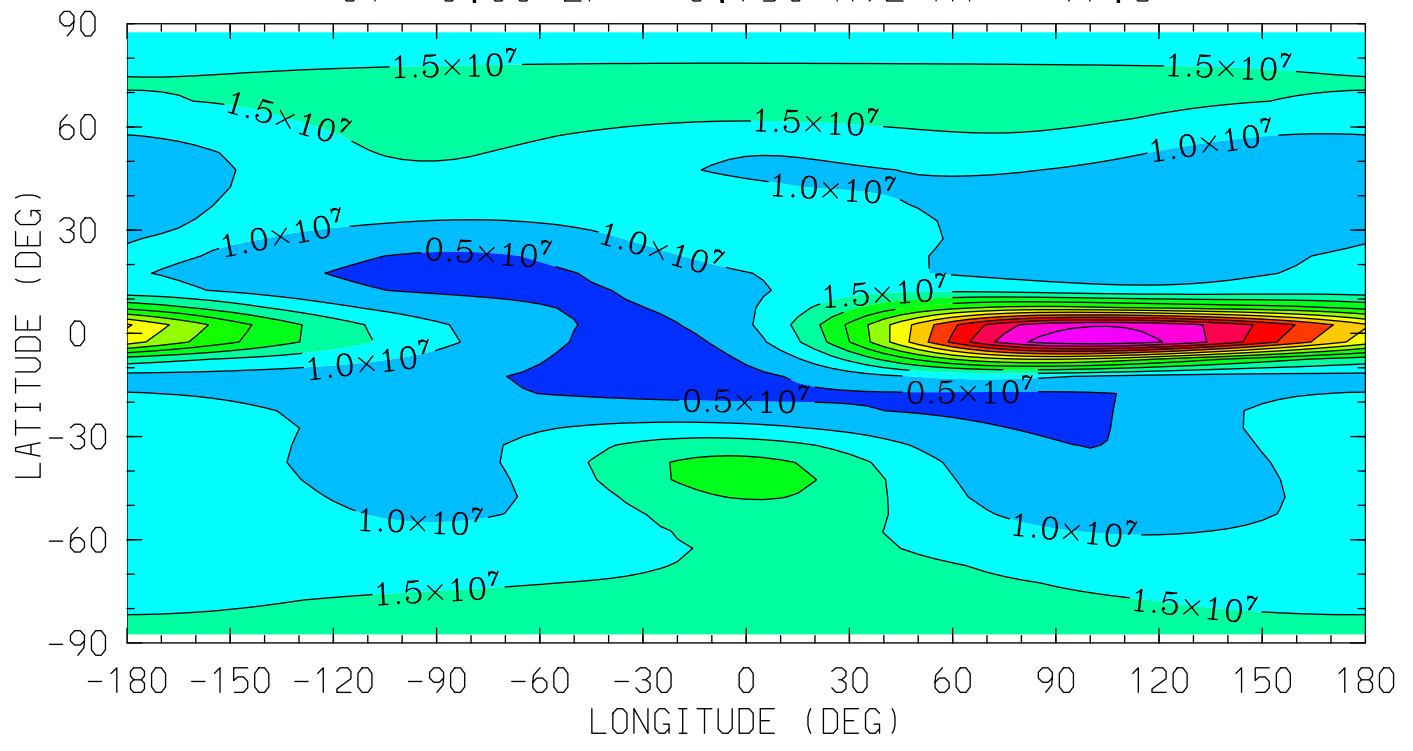
N2 (CM3)  
MOLECULAR NITROGEN  
UT= 0.00 ZP= 3.750 AVE HT= 343.4



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 5.6519E+06 1.1061E+07 INTERVAL= 4.0000E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

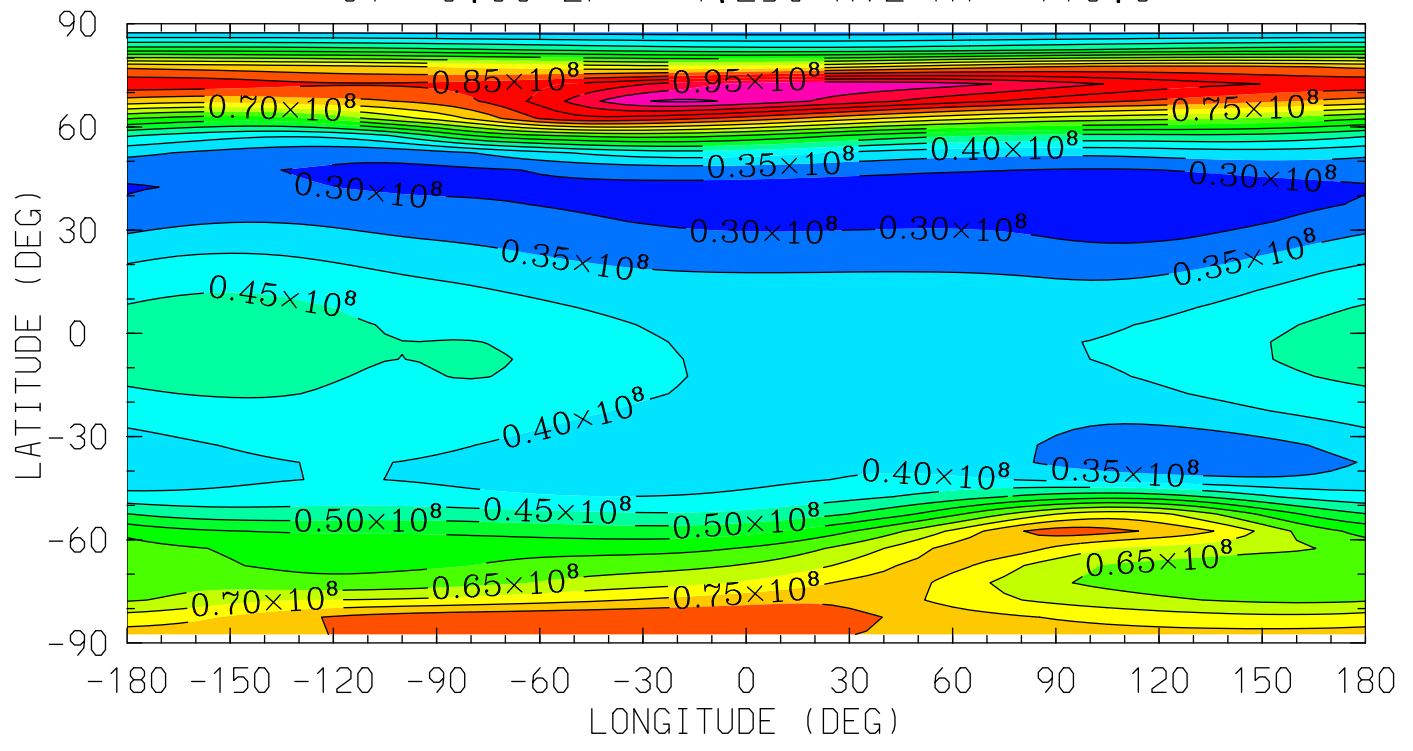
NO (CM3)  
NITRIC OXIDE  
UT= 0.00 ZP= -6.750 AVE HT= 97.8



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 3.0971E+06 6.8655E+07 INTERVAL= 5.0000E+06  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

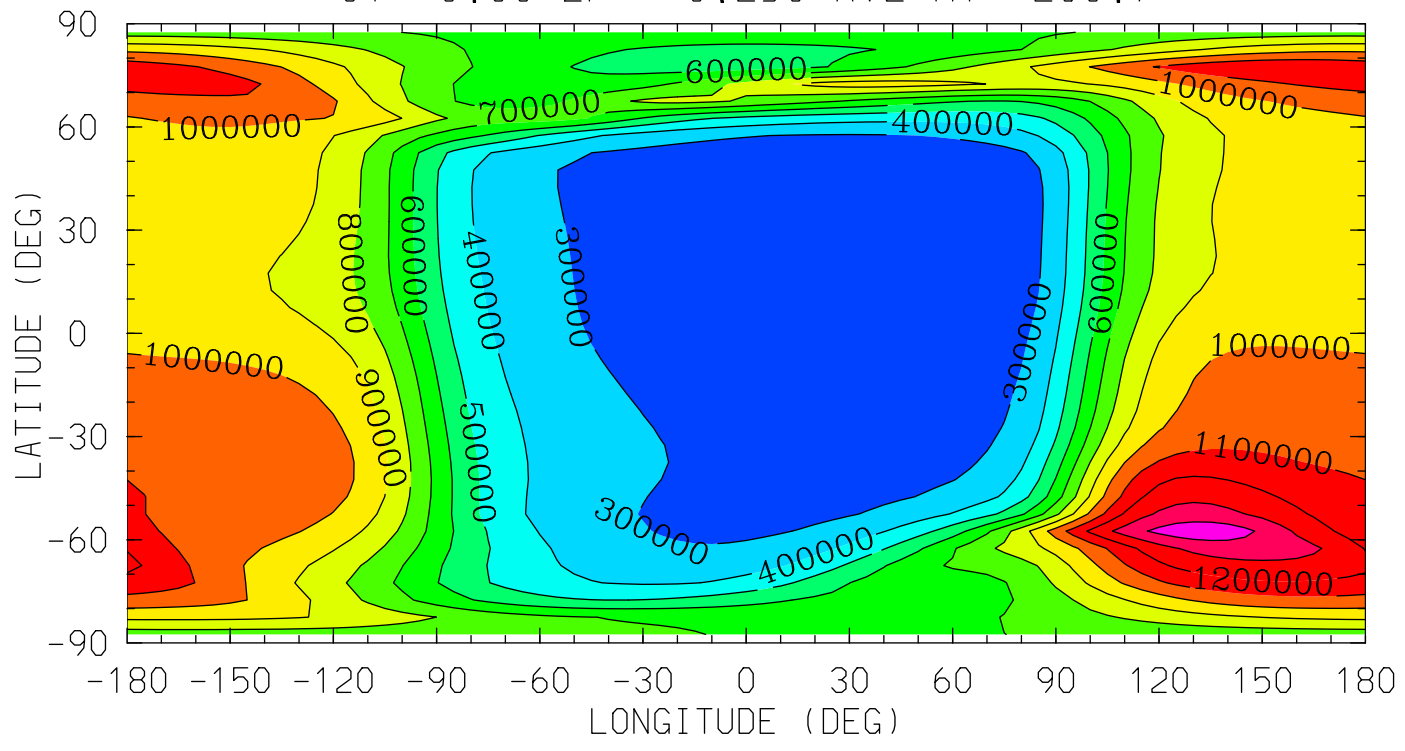
NO (CM3)  
NITRIC OXIDE  
UT= 0.00 ZP= -4.250 AVE HT= 116.3



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

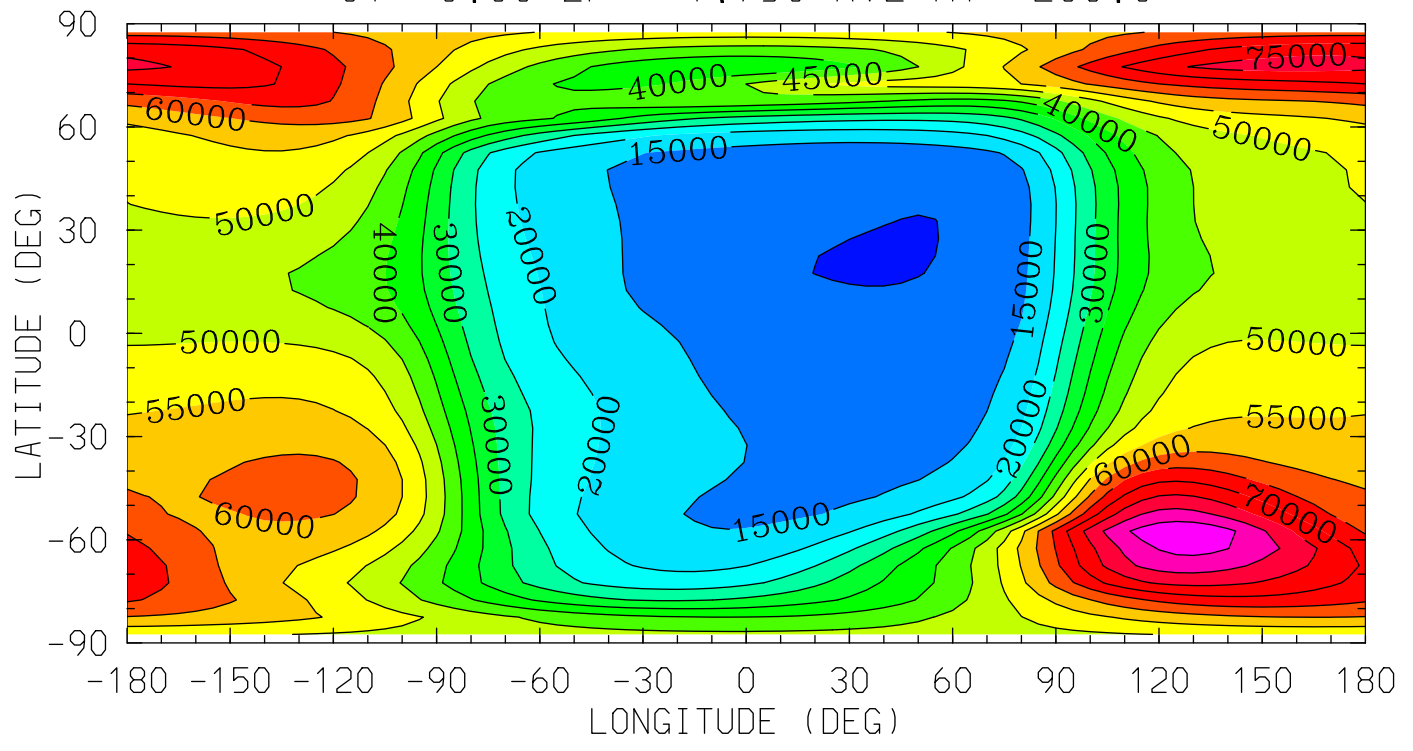
MIN,MAX= 2.6365E+07 1.0586E+08 INTERVAL= 5.0000E+06  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NO (CM3)  
NITRIC OXIDE  
UT= 0.00 ZP= -0.250 AVE HT= 200.7



MIN,MAX= 2.0093E+05 1.4712E+06 INTERVAL= 1.0000E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

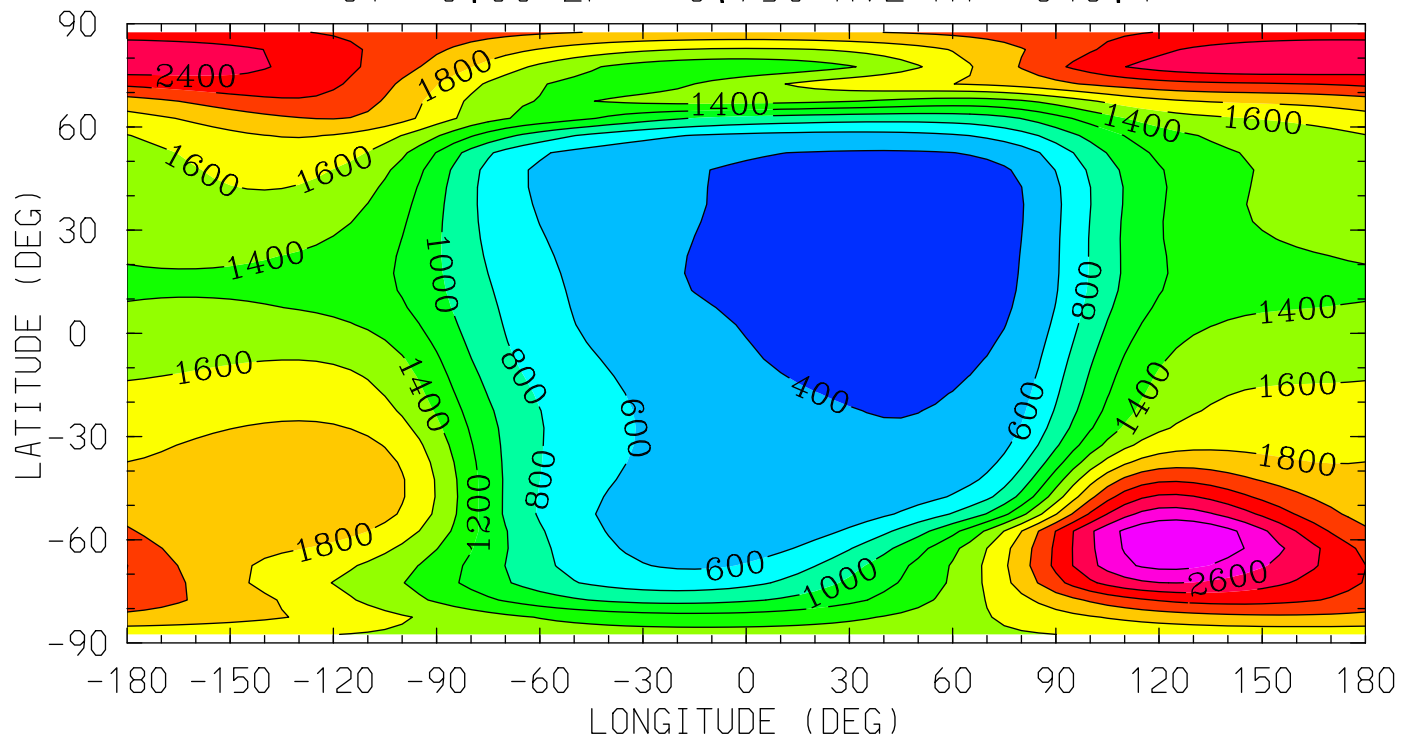
NO (CM3)  
NITRIC OXIDE  
UT= 0.00 ZP= 1.750 AVE HT= 266.0



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 9.6927E+03 8.9076E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NO (CM3)  
NITRIC OXIDE  
UT= 0.00 ZP= 3.750 AVE HT= 343.4



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

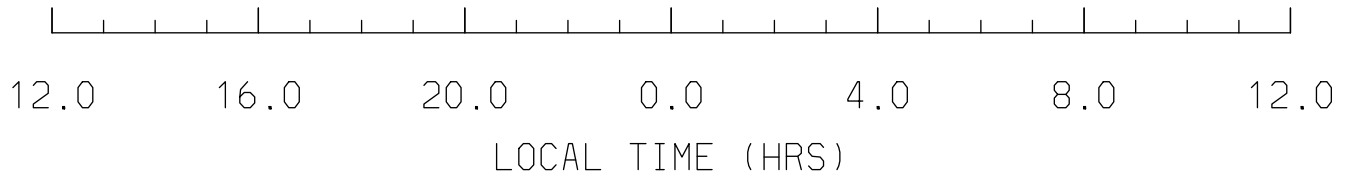
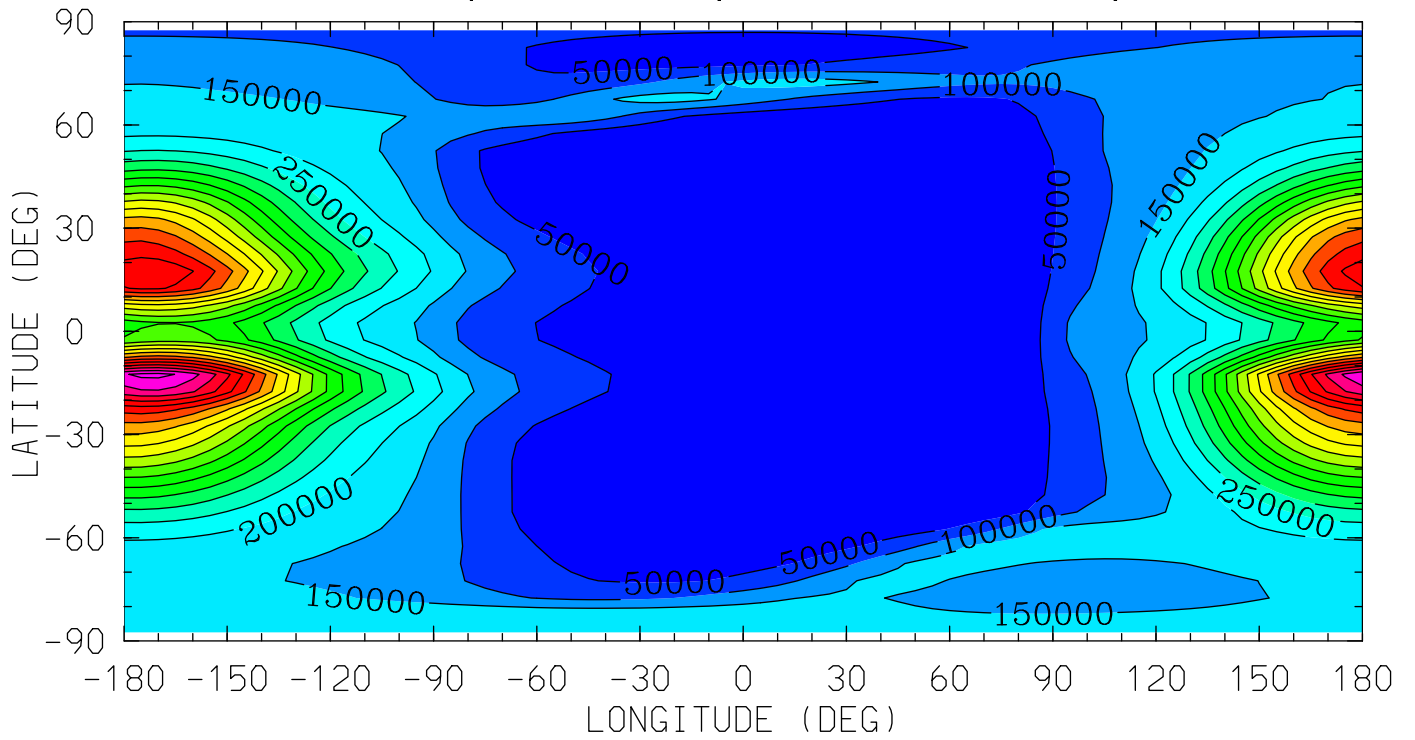
MIN,MAX= 2.8554E+02 2.9932E+03 INTERVAL= 2.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc



N4S (CM3)

N4S

UT= 0.00 ZP= -6.750 AVE HT= 97.8

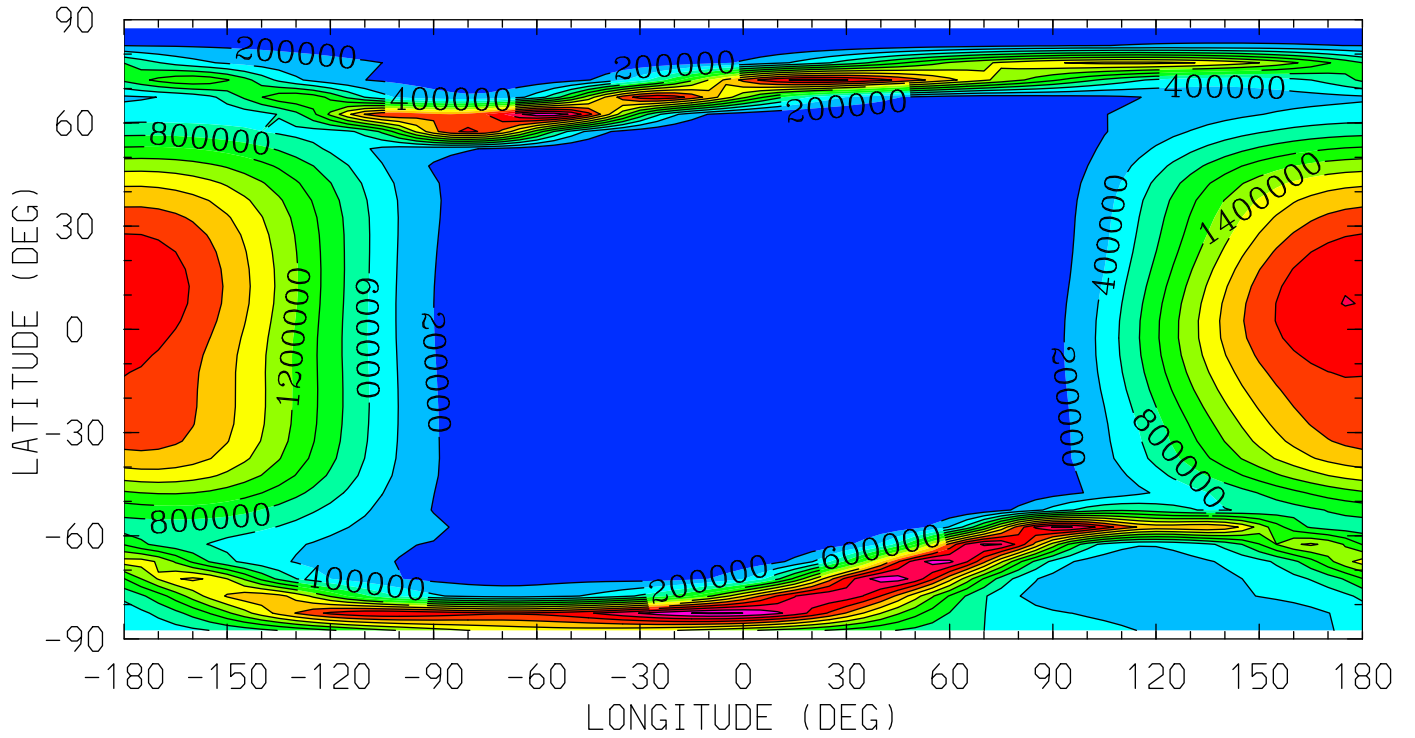


MIN,MAX= 1.8148E+02 1.0147E+06 INTERVAL= 5.0000E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

N4S (CM3)

N4S

UT= 0.00 ZP= -4.250 AVE HT= 116.3

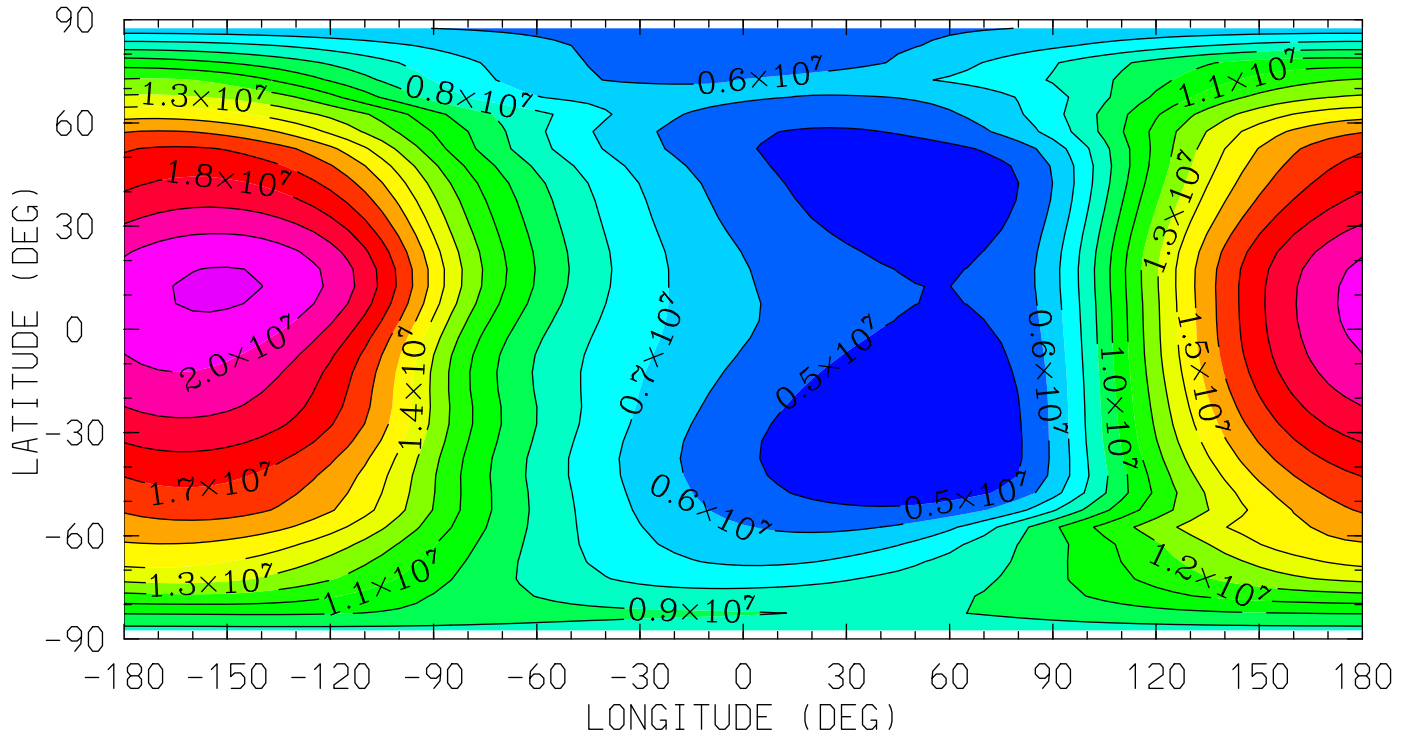


MIN,MAX= 1.5725E+00 2.6296E+06 INTERVAL= 2.0000E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

N4S (CM3)

N4S

UT= 0.00 ZP= -0.250 AVE HT= 200.7



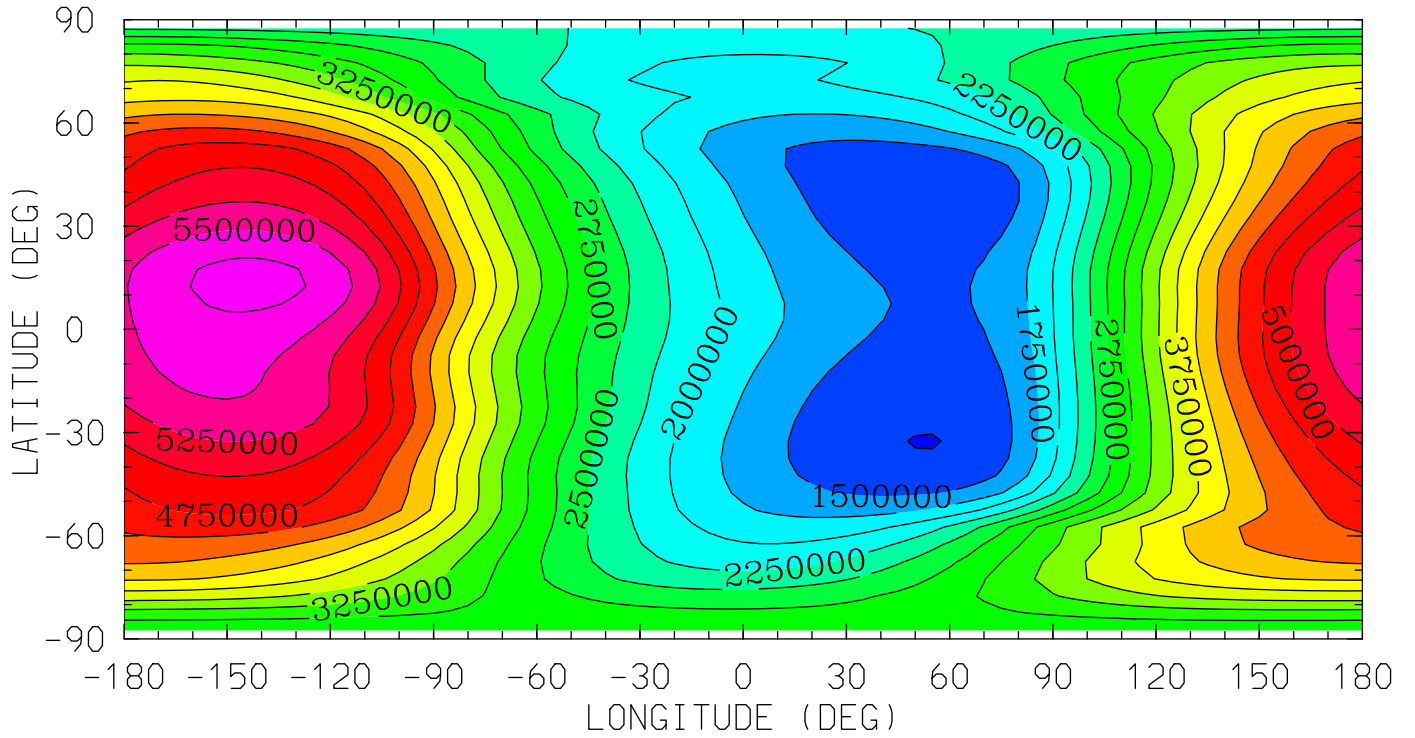
12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 3.9913E+06 2.1179E+07 INTERVAL= 1.0000E+06  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

N4S (CM3)

N4S

UT= 0.00 ZP= 1.750 AVE HT= 266.0

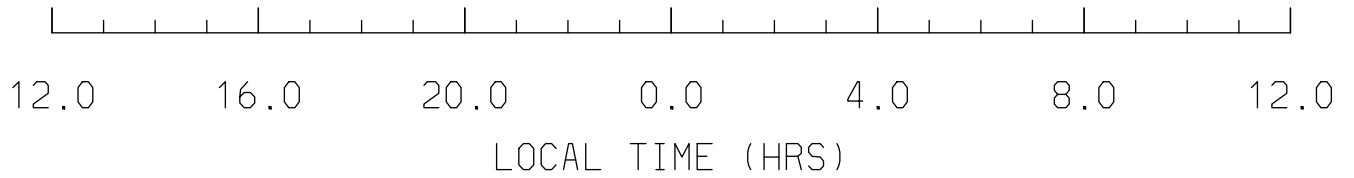
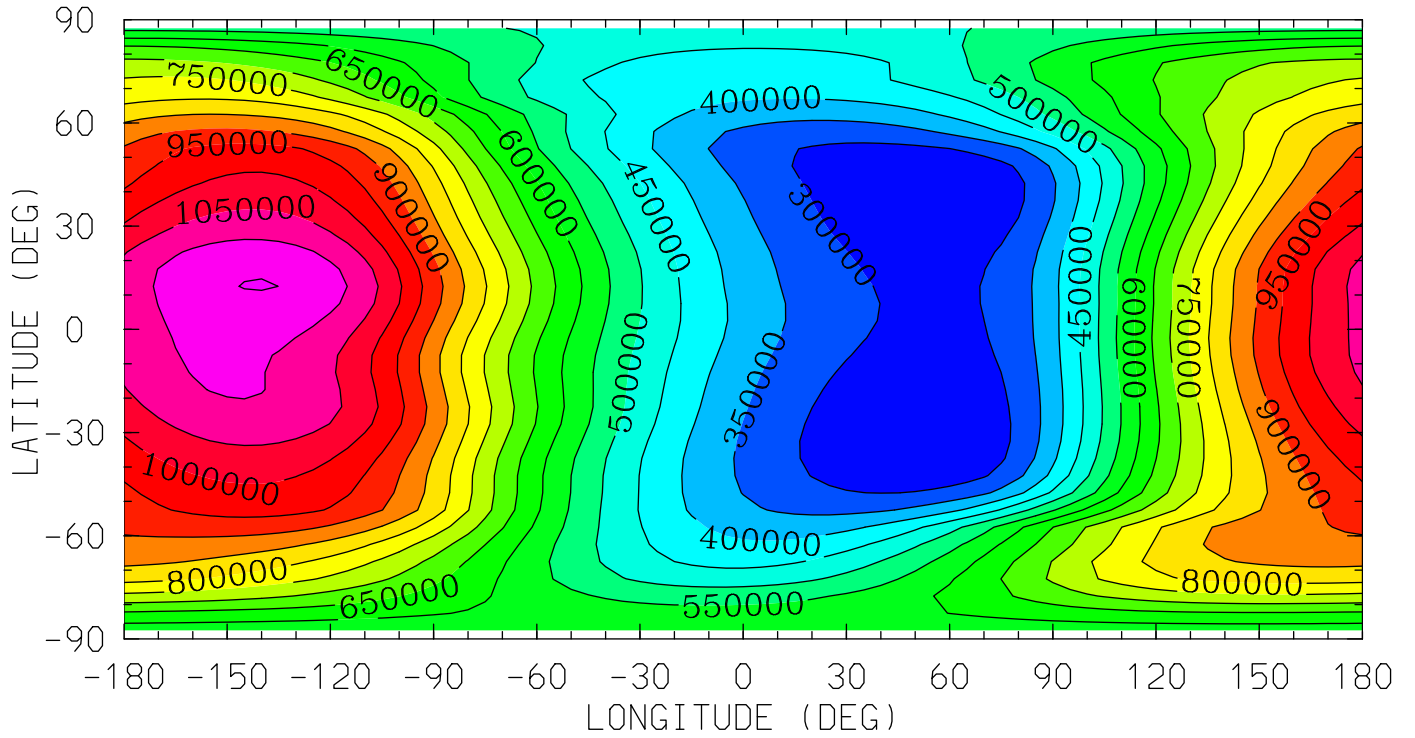


MIN,MAX= 1.2437E+06 5.8366E+06 INTERVAL= 2.5000E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

N4S (CM3)

N4S

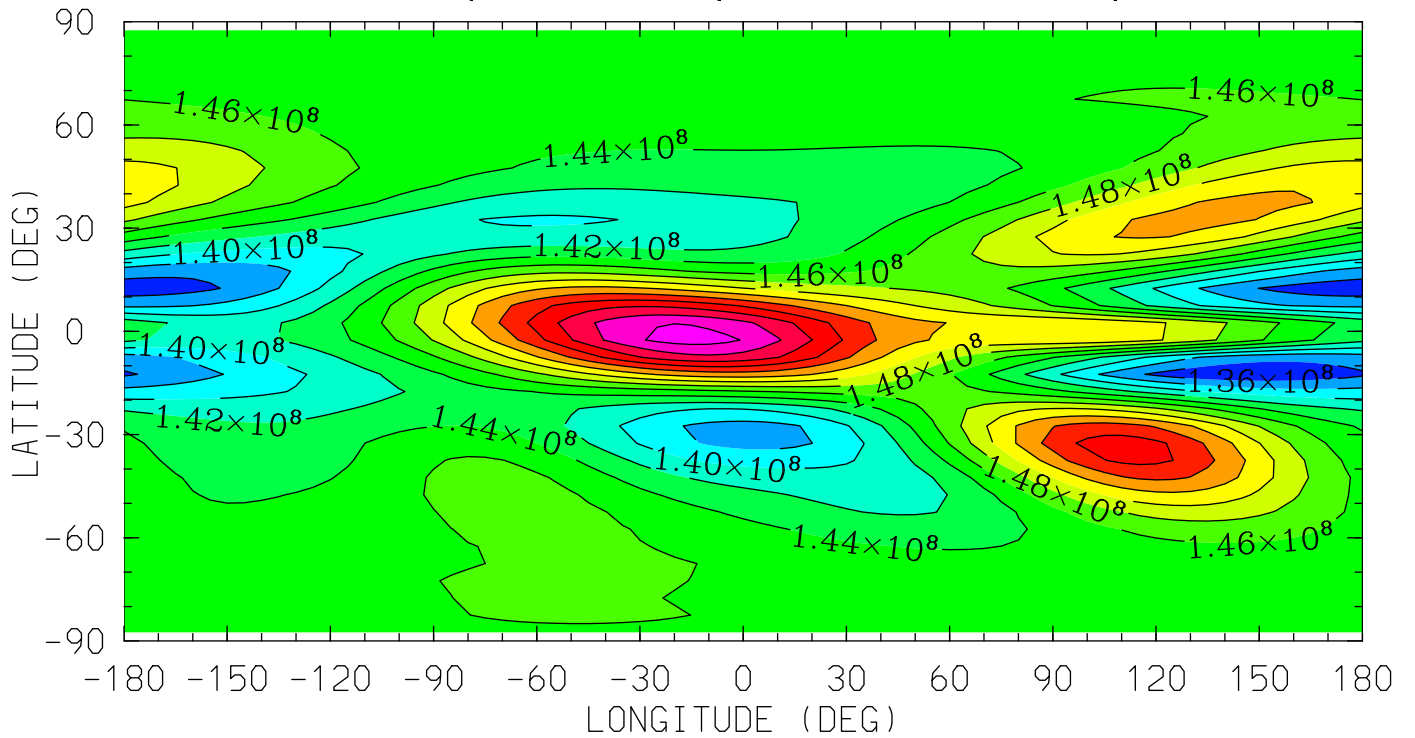
UT= 0.00 ZP= 3.750 AVE HT= 343.4



MIN,MAX= 2.5209E+05 1.1522E+06 INTERVAL= 5.0000E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

HE (CM3)  
HELIUM (HE)

UT= 0.00 ZP= -6.750 AVE HT= 97.8

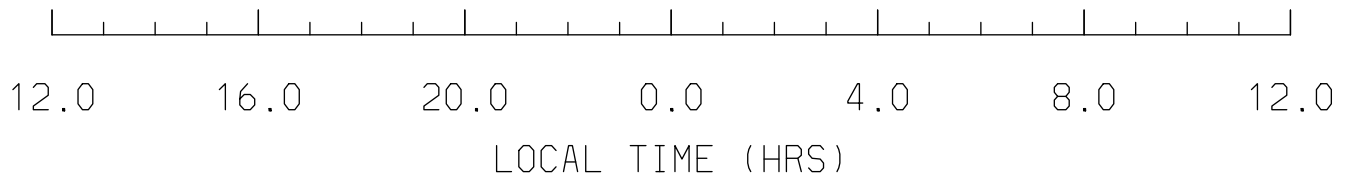
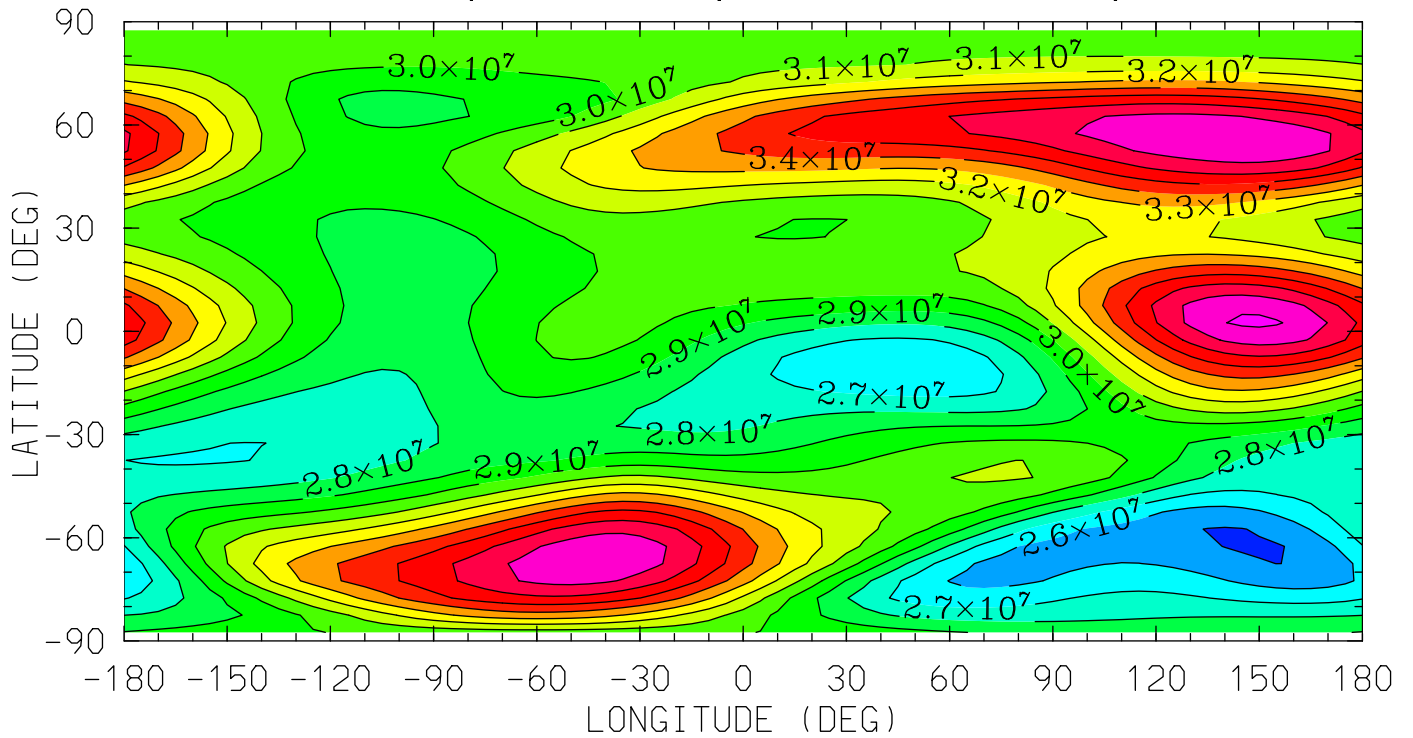


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.3418E+08 1.6289E+08 INTERVAL= 2.0000E+06  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

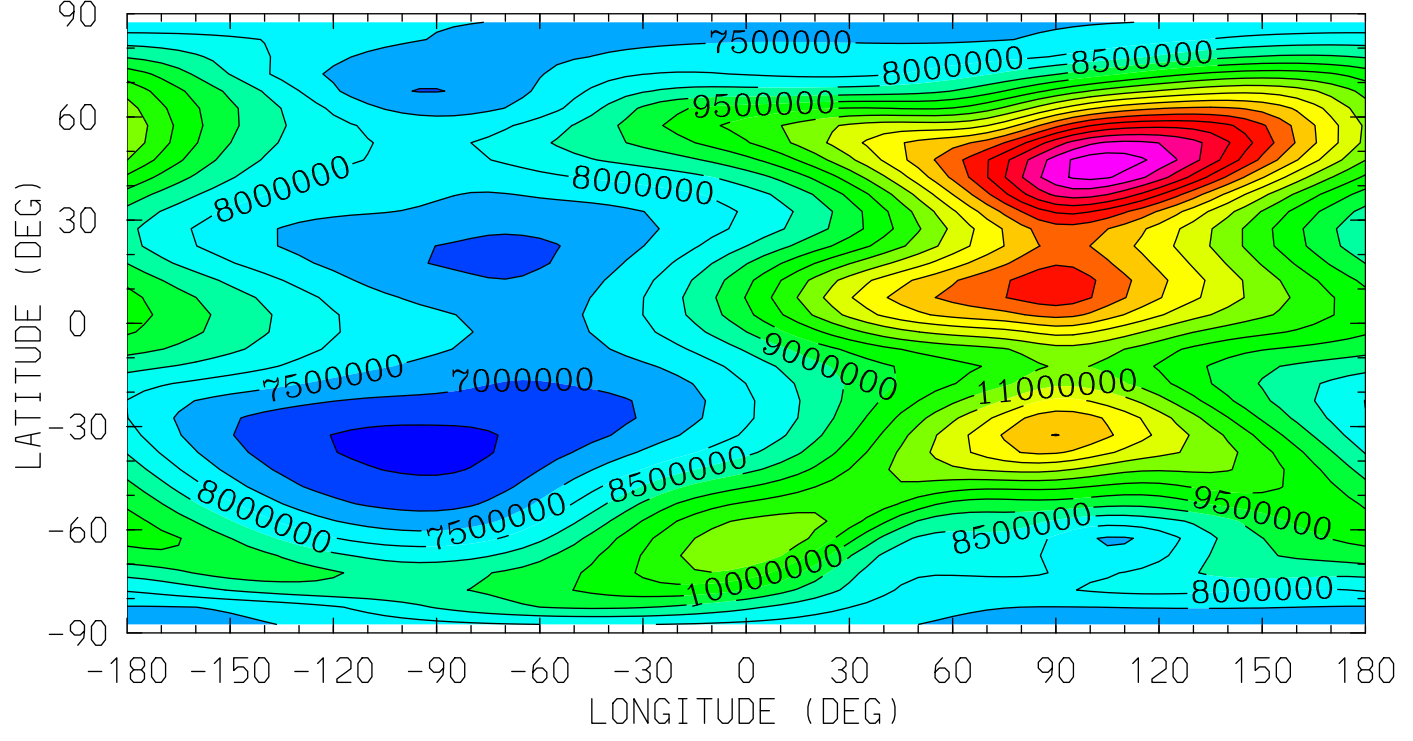
HE (CM3)  
HELIUM (HE)

UT= 0.00 ZP= -4.250 AVE HT= 116.3



MIN,MAX= 2.4866E+07 3.8194E+07 INTERVAL= 1.0000E+06  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

HE (CM3)  
HELIUM (HE)  
UT= 0.00 ZP= -0.250 AVE HT= 200.7



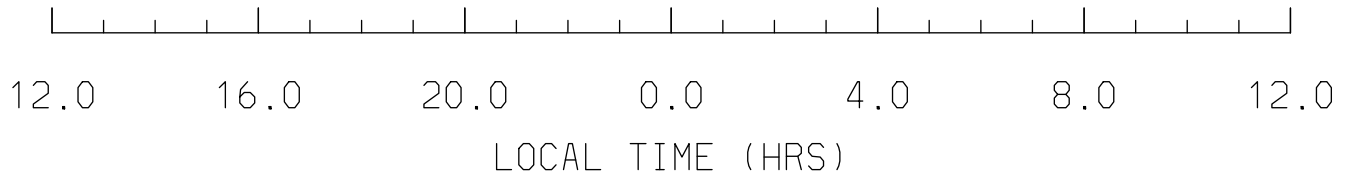
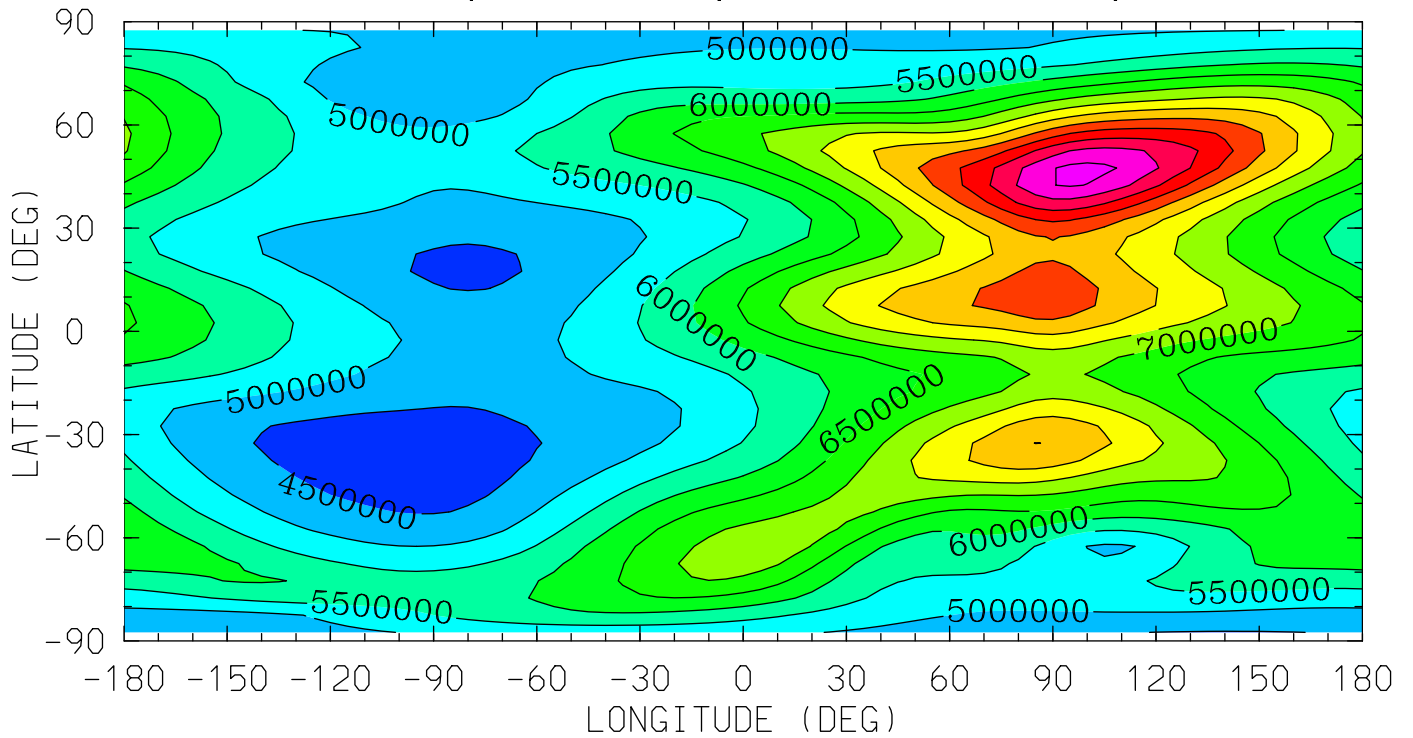
12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 6.3592E+06 1.5807E+07 INTERVAL= 5.0000E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc



HE (CM3)  
HELIUM (HE)

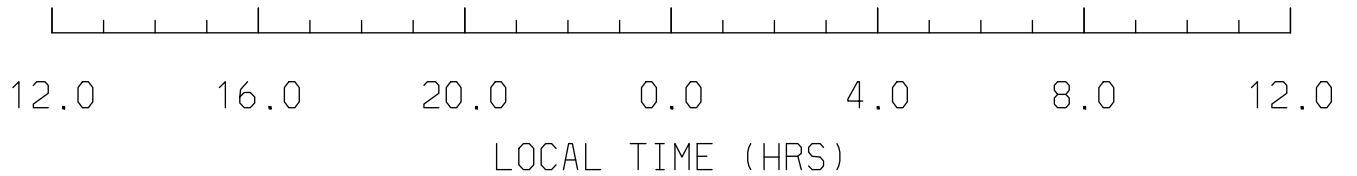
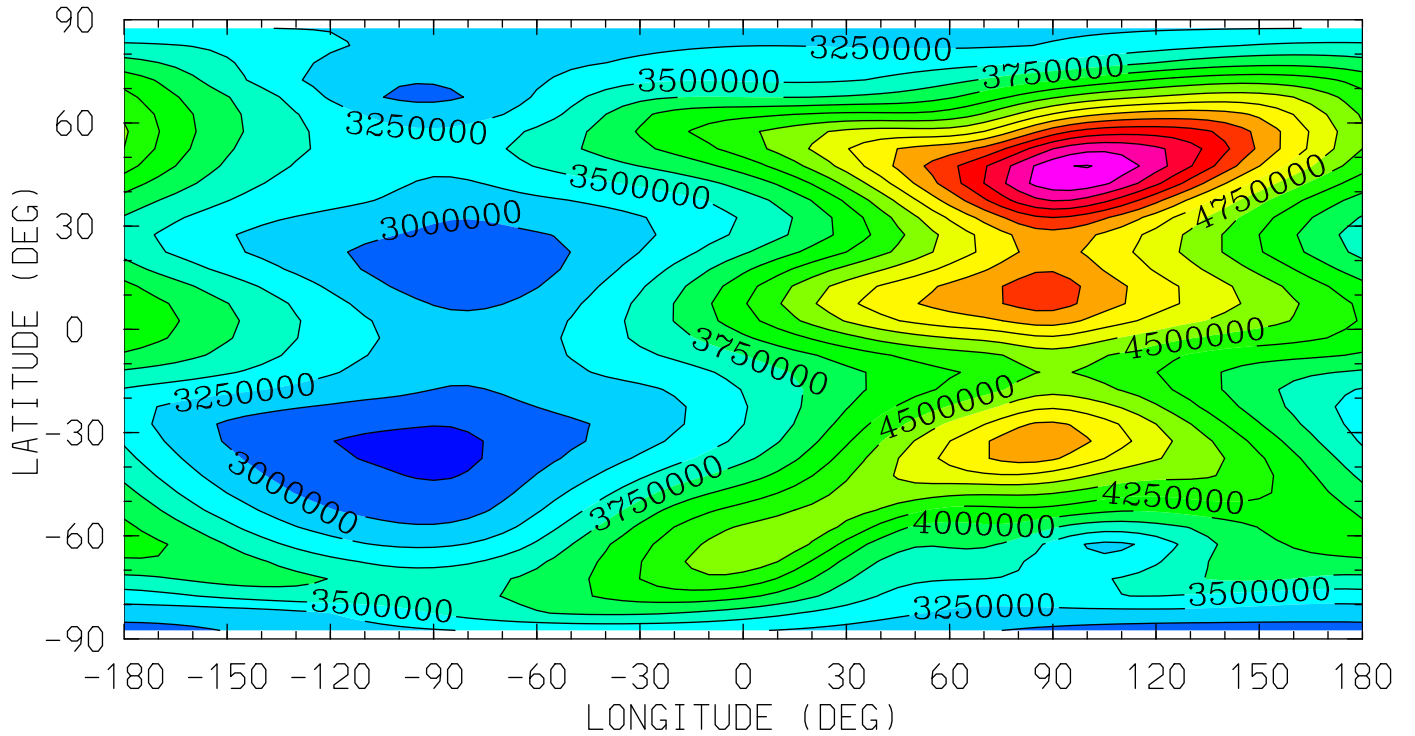
UT= 0.00 ZP= 1.750 AVE HT= 266.0



MIN,MAX= 4.1665E+06 1.0660E+07 INTERVAL= 5.0000E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

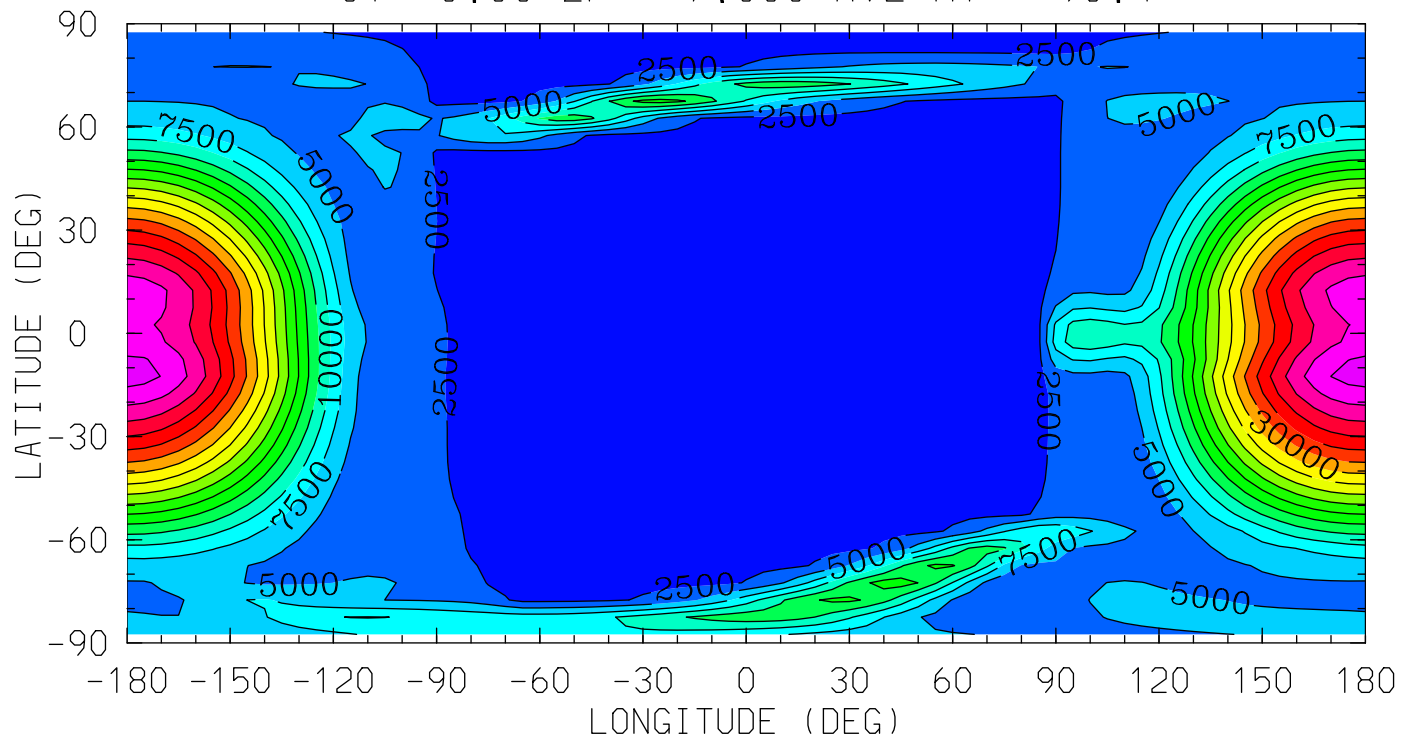
HE (CM3)  
HELIUM (HE)

UT= 0.00 ZP= 3.750 AVE HT= 343.4



MIN,MAX= 2.6832E+06 6.7621E+06 INTERVAL= 2.5000E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

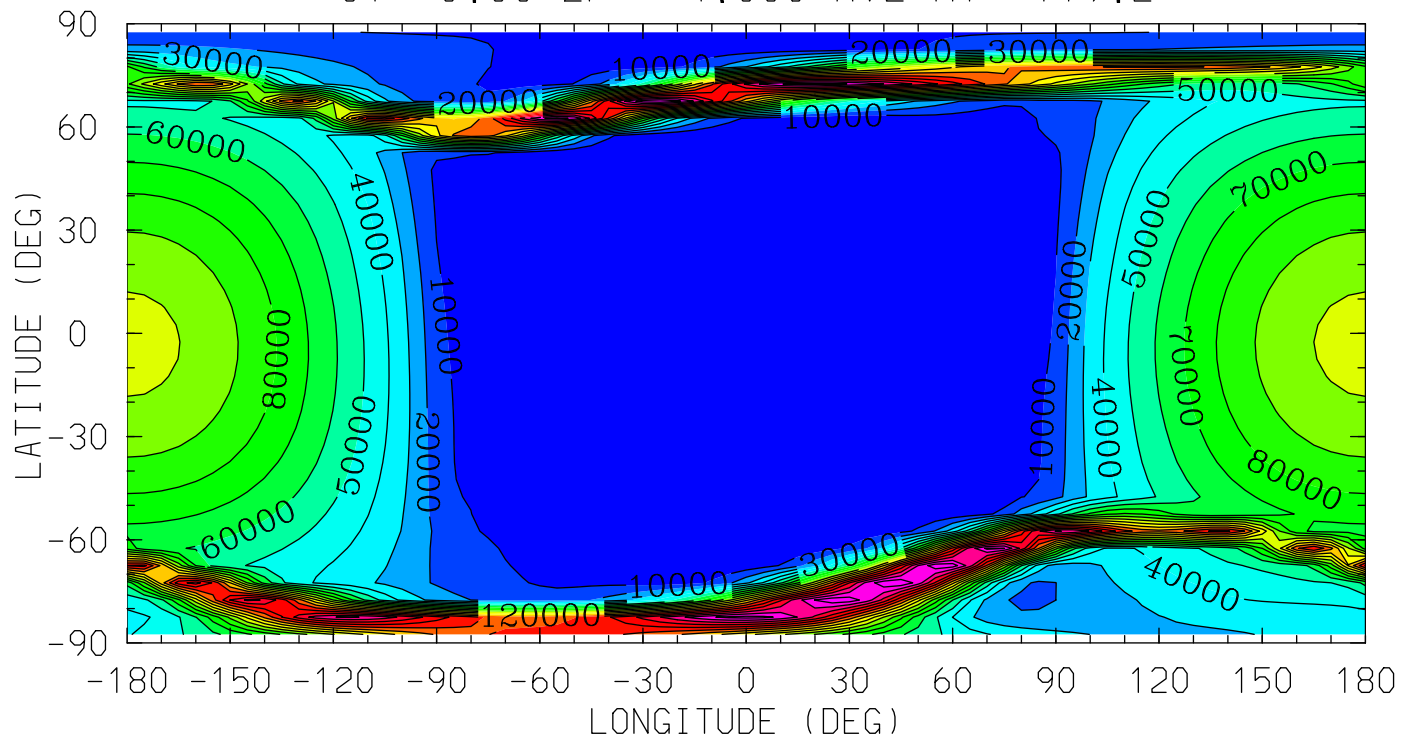
NE (CM3)  
ELECTRON DENSITY  
UT= 0.00 ZP= -7.000 AVE HT= 96.4



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

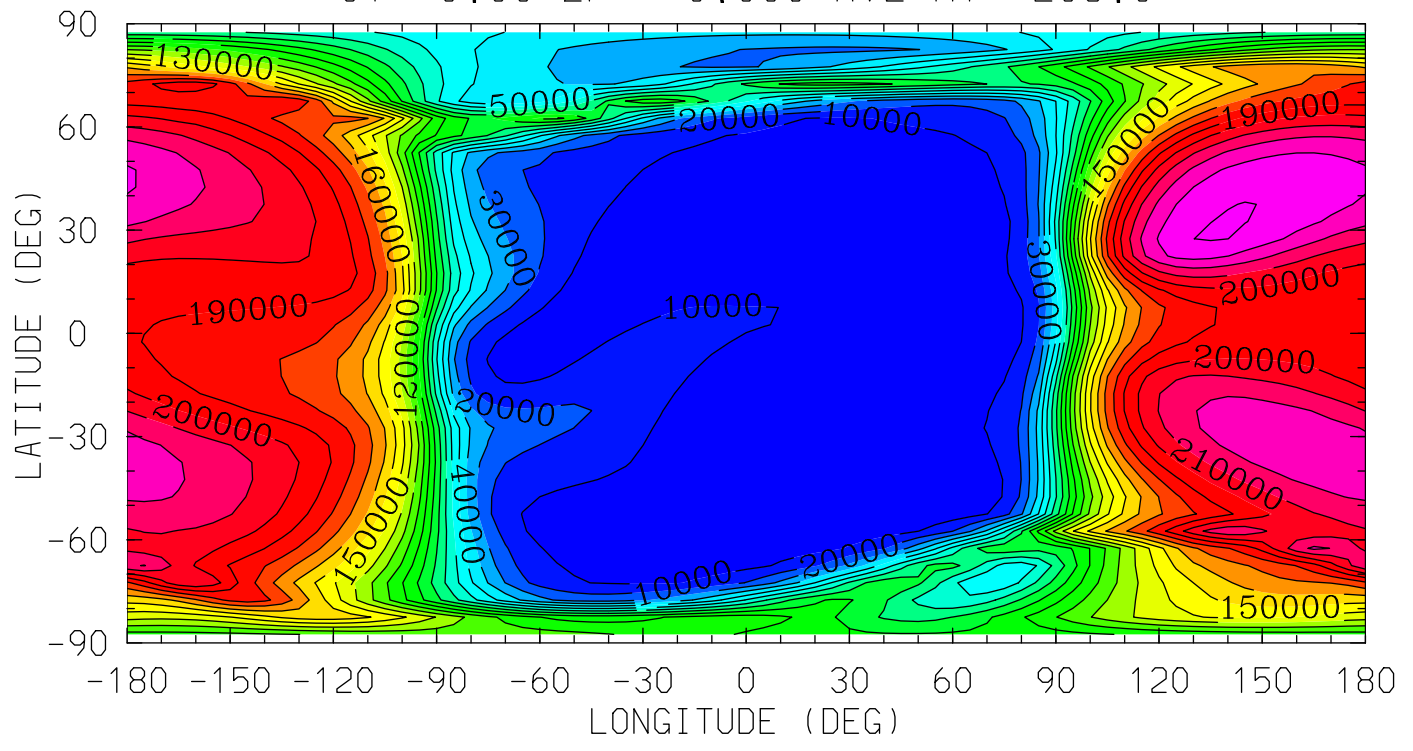
MIN,MAX= 1.6703E+03 4.3637E+04 INTERVAL= 2.5000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NE (CM3)  
ELECTRON DENSITY  
UT= 0.00 ZP= -4.000 AVE HT= 119.2



MIN,MAX= 1.7028E+03 1.9919E+05 INTERVAL= 1.0000E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

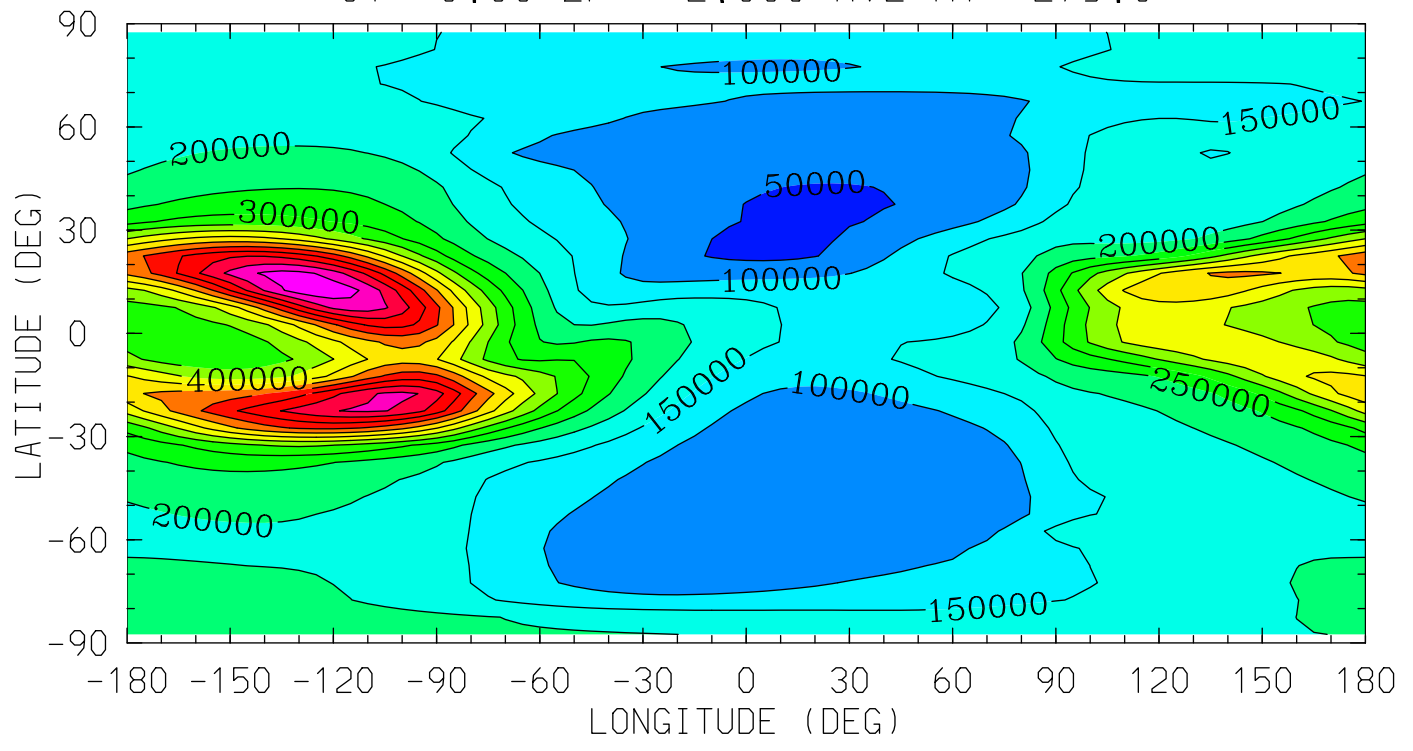
NE (CM3)  
ELECTRON DENSITY  
UT= 0.00 ZP= 0.000 AVE HT= 208.0



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

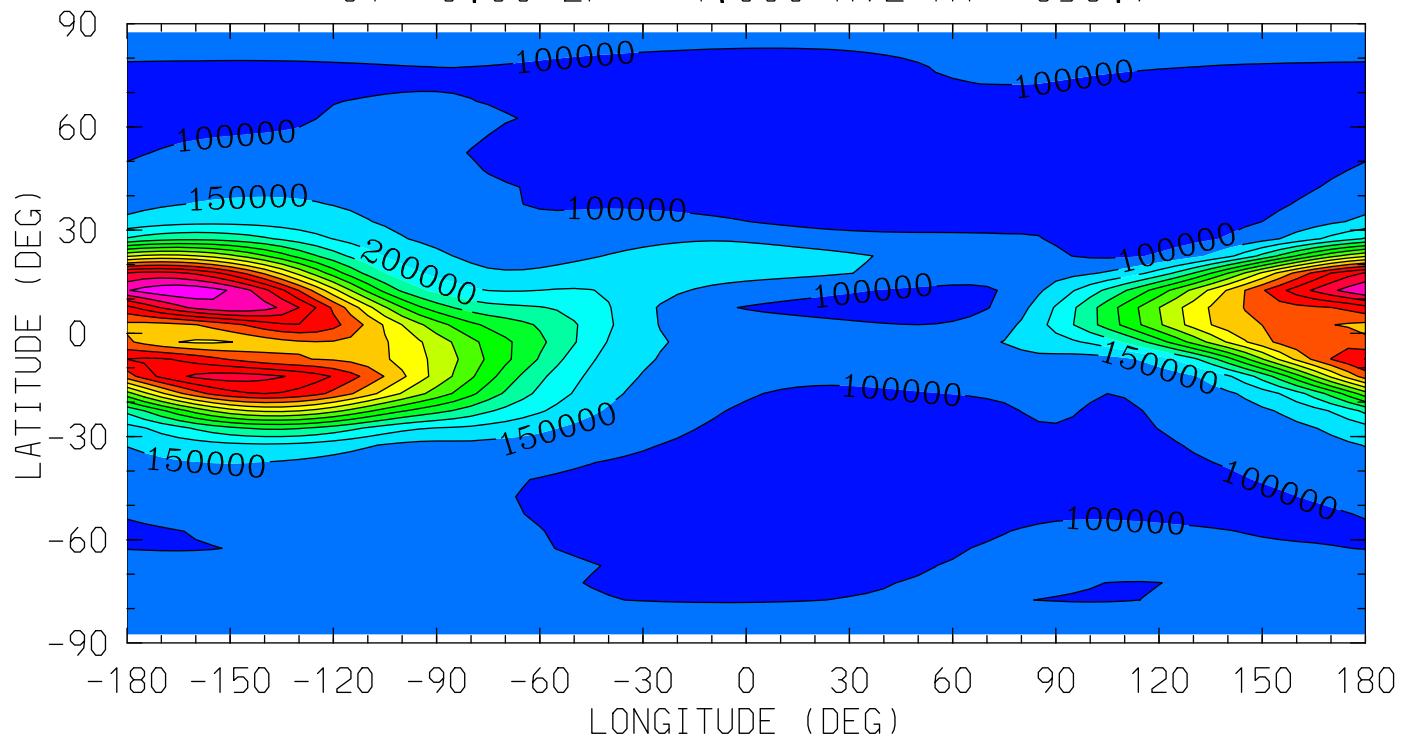
MIN,MAX= 1.3289E+03 2.4082E+05 INTERVAL= 1.0000E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NE (CM3)  
ELECTRON DENSITY  
UT= 0.00 ZP= 2.000 AVE HT= 275.0



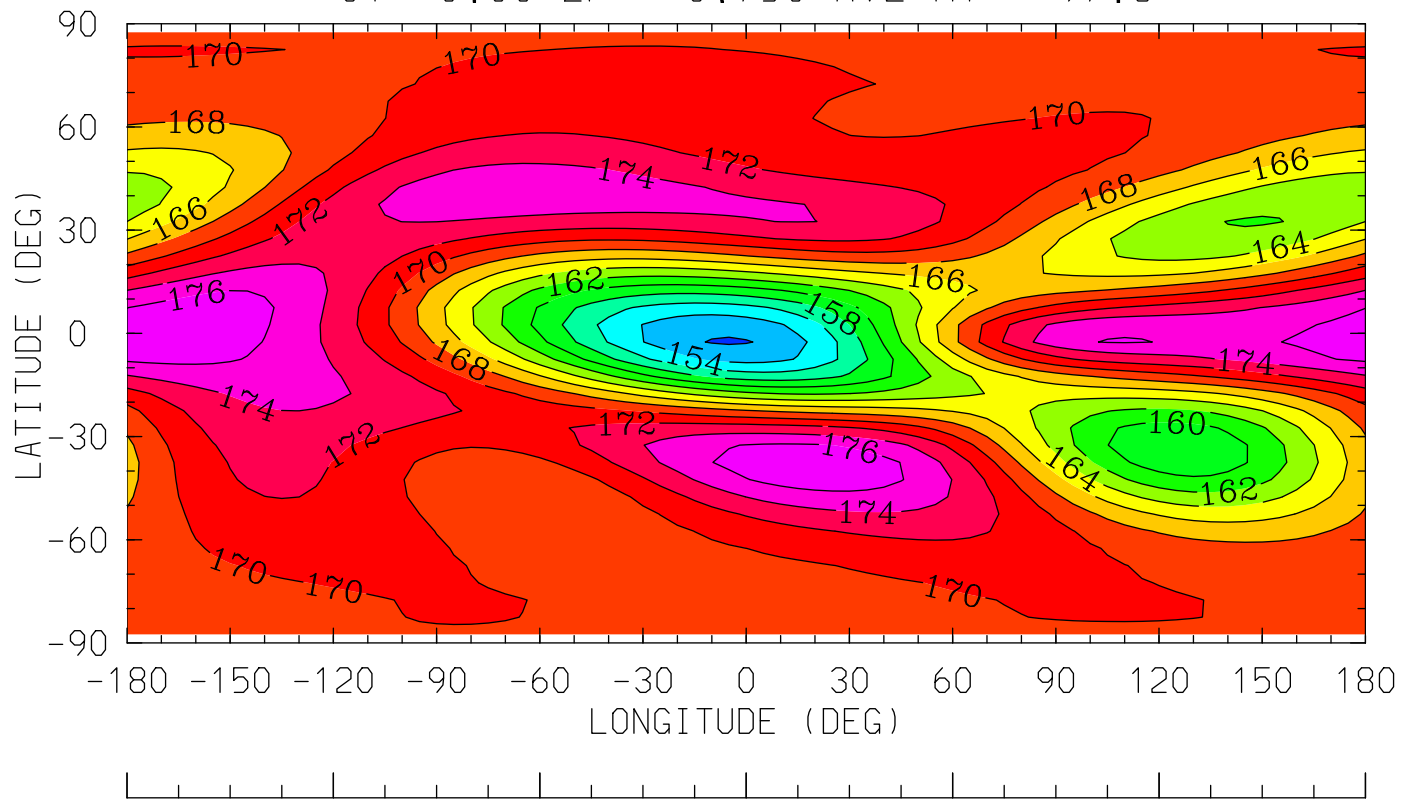
MIN,MAX= 3.8155E+04 7.9000E+05 INTERVAL= 5.0000E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NE (CM3)  
ELECTRON DENSITY  
UT= 0.00 ZP= 4.000 AVE HT= 353.7



MIN,MAX= 6.5664E+04 8.8943E+05 INTERVAL= 5.0000E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

TE (DEG K)  
ELECTRON TEMPERATURE  
UT= 0.00 ZP= -6.750 AVE HT= 97.8

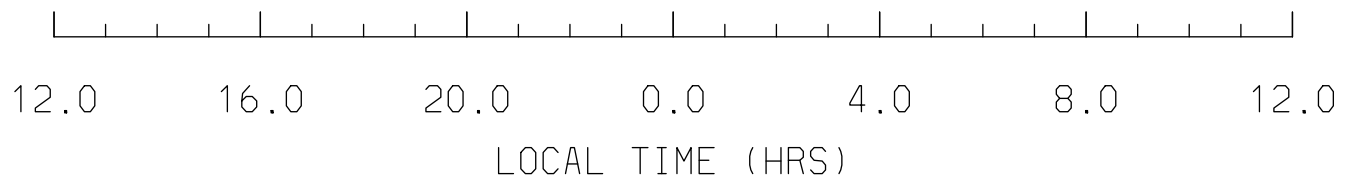
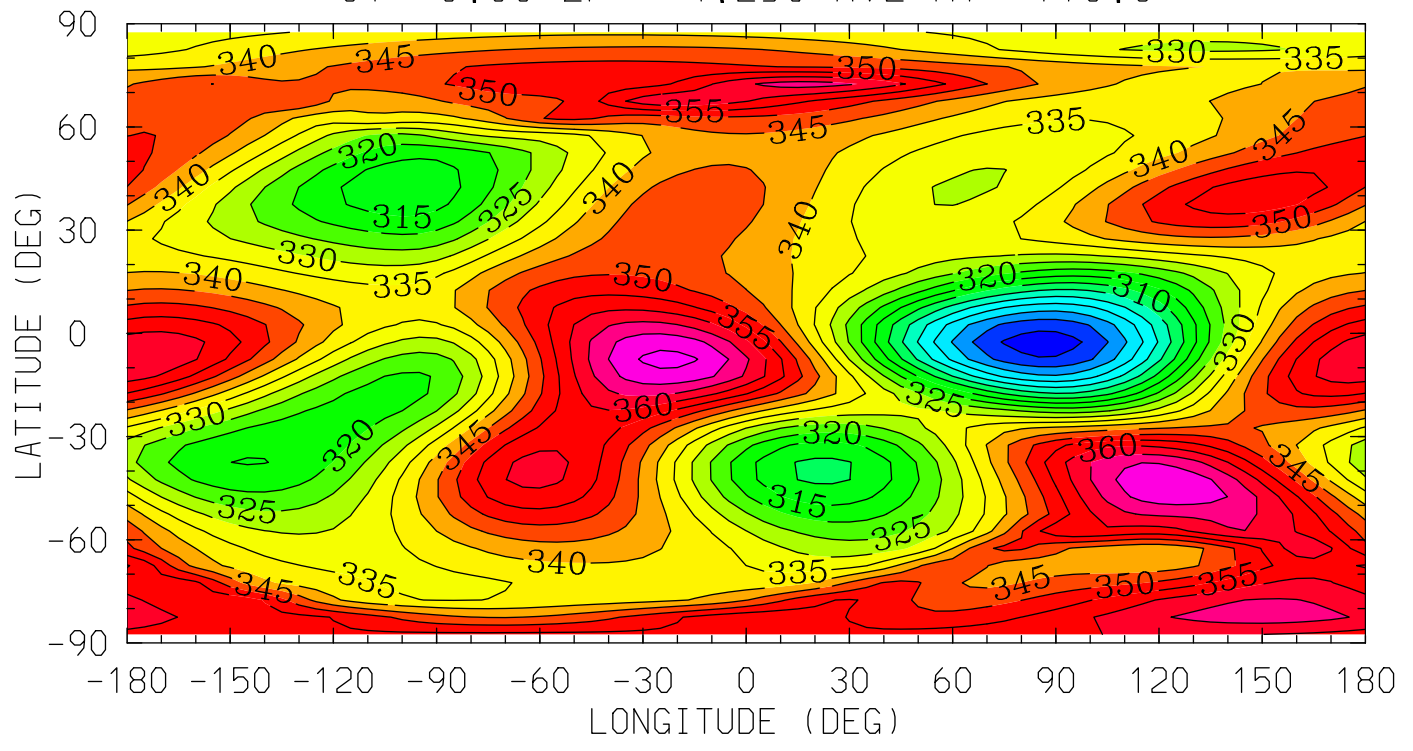


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.5177E+02 1.7755E+02 INTERVAL= 2.0000E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

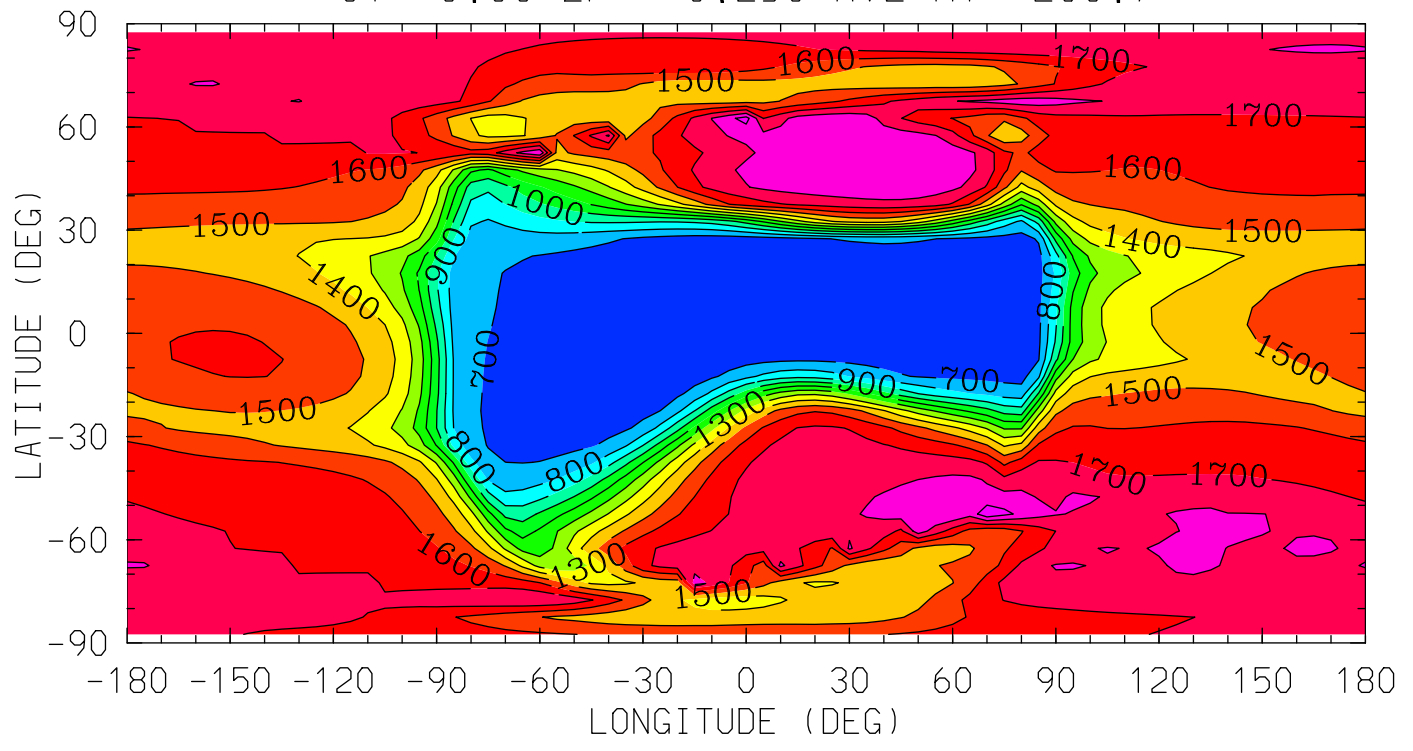


TE (DEG K)  
ELECTRON TEMPERATURE  
UT= 0.00 ZP= -4.250 AVE HT= 116.3



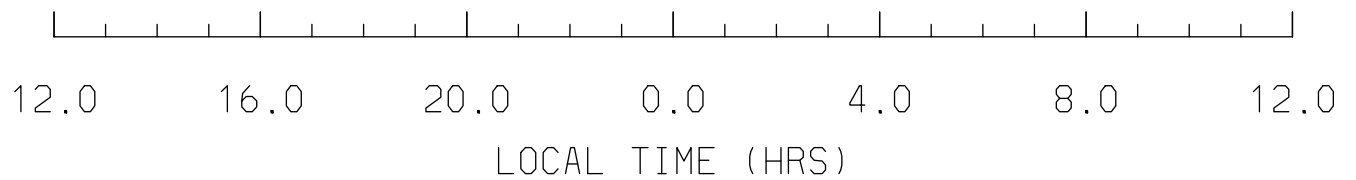
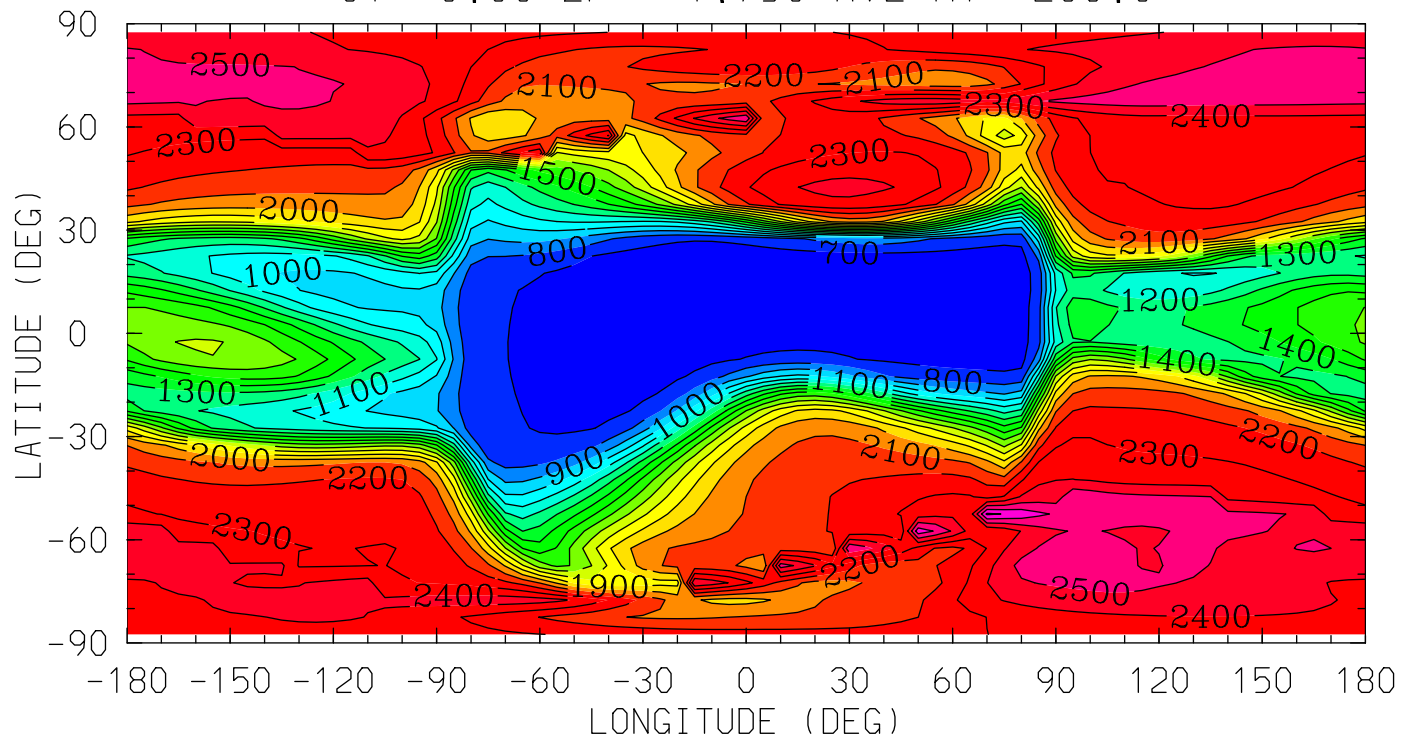
MIN,MAX= 2.7699E+02 3.7659E+02 INTERVAL= 5.0000E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

TE (DEG K)  
ELECTRON TEMPERATURE  
UT= 0.00 ZP= -0.250 AVE HT= 200.7



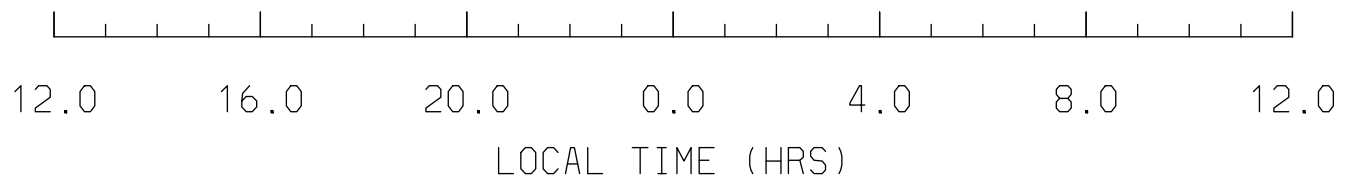
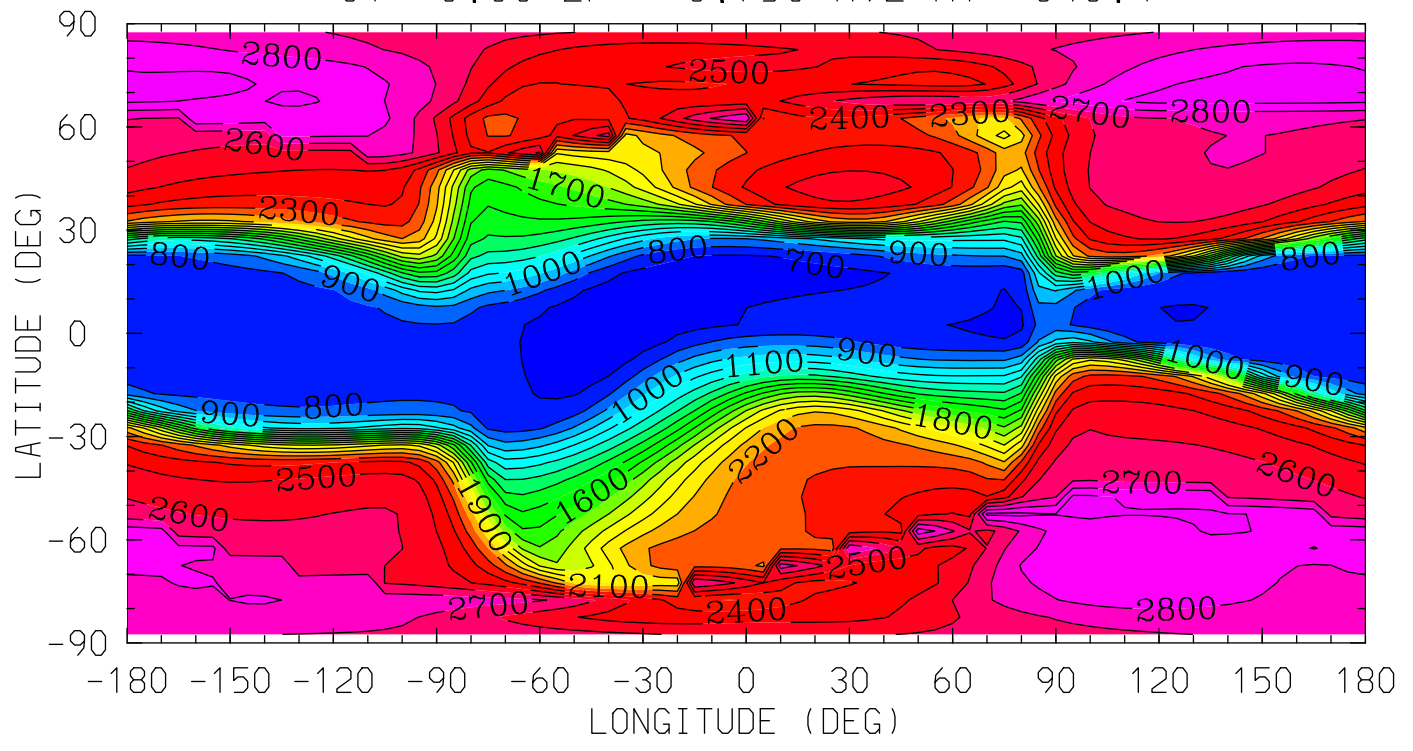
MIN,MAX= 6.2271E+02 1.9778E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

TE (DEG K)  
ELECTRON TEMPERATURE  
UT= 0.00 ZP= 1.750 AVE HT= 266.0



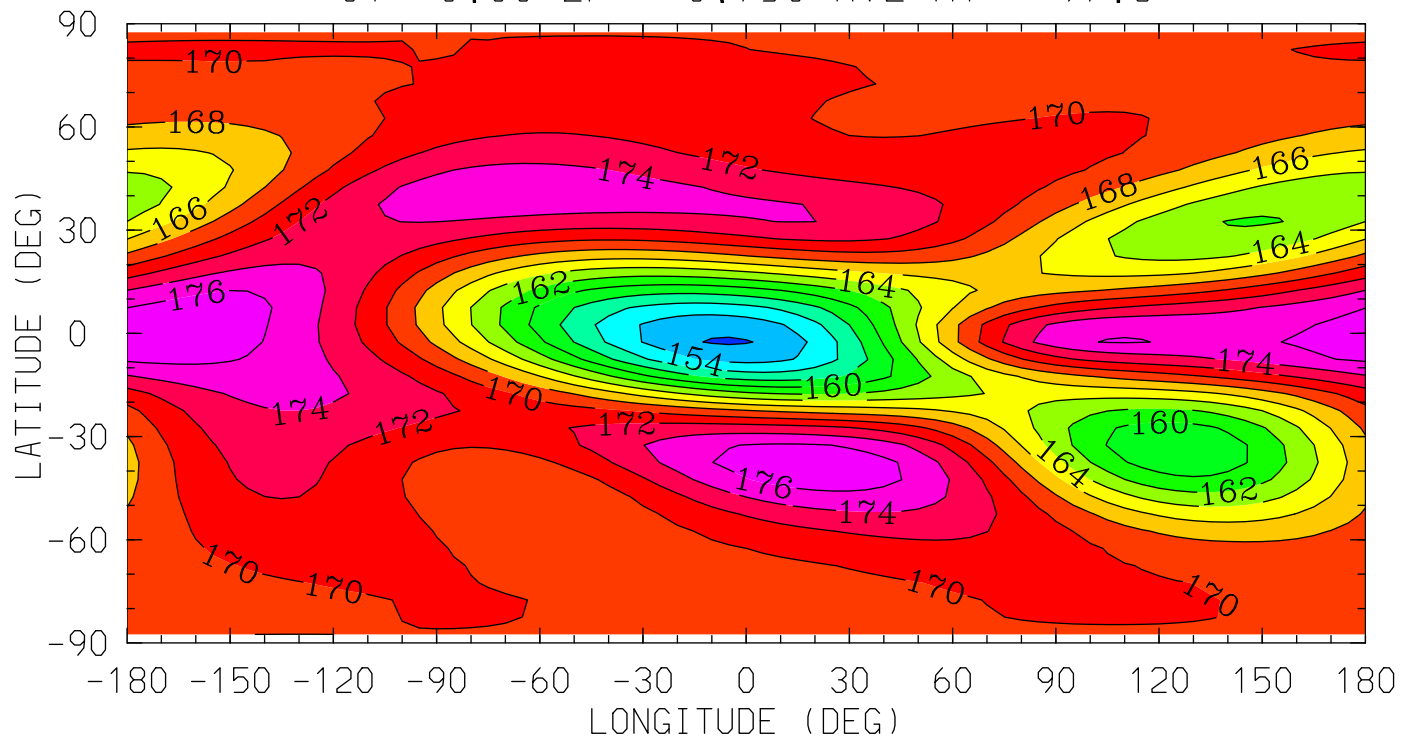
MIN,MAX= 6.4252E+02 2.7176E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

TE (DEG K)  
ELECTRON TEMPERATURE  
UT= 0.00 ZP= 3.750 AVE HT= 343.4



MIN,MAX= 6.5338E+02 2.9507E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

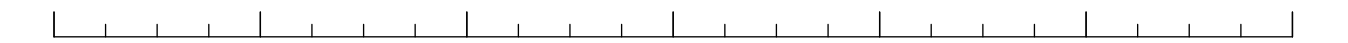
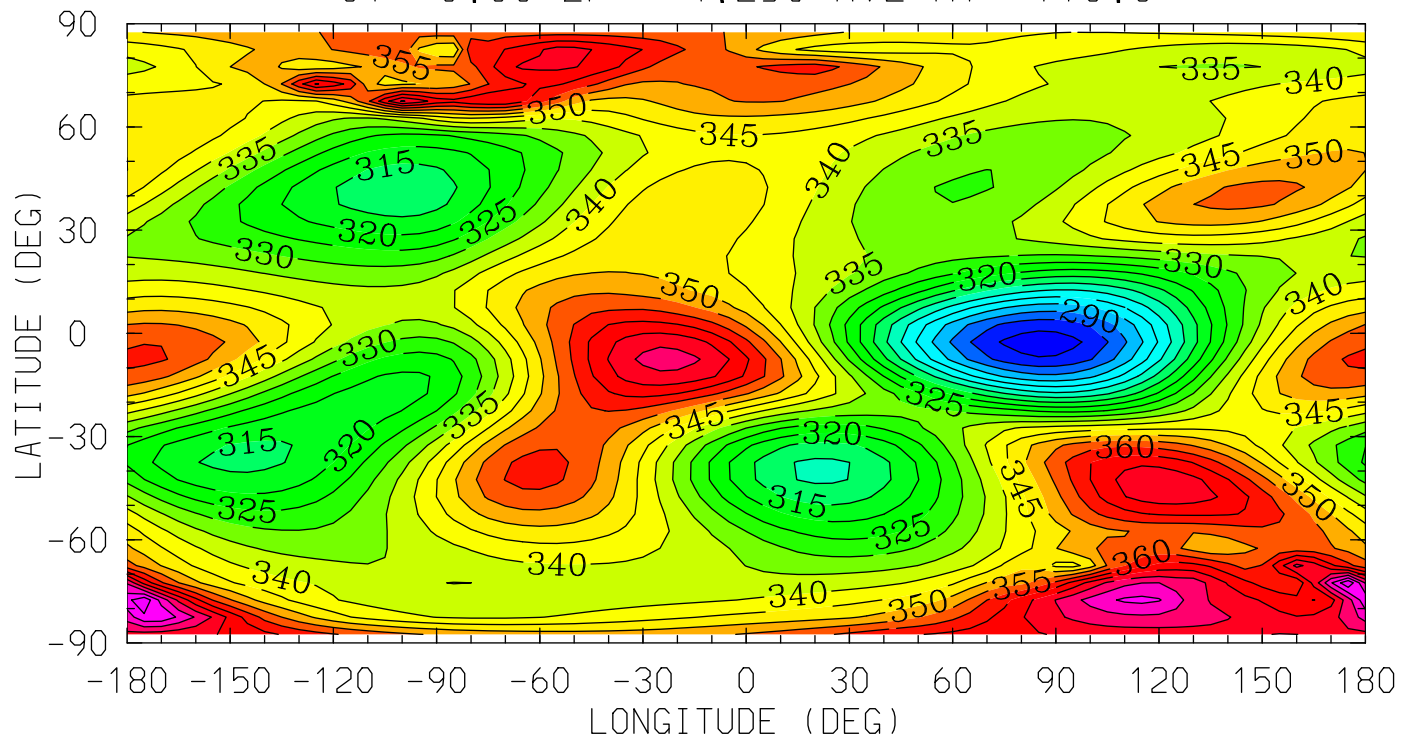
TI (DEG K)  
ION TEMPERATURE  
UT= 0.00 ZP= -6.750 AVE HT= 97.8



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.5177E+02 1.7755E+02 INTERVAL= 2.0000E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

TI (DEG K)  
ION TEMPERATURE  
UT= 0.00 ZP= -4.250 AVE HT= 116.3

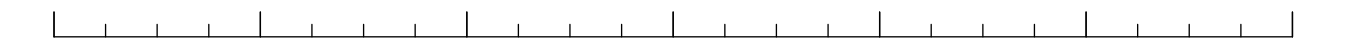
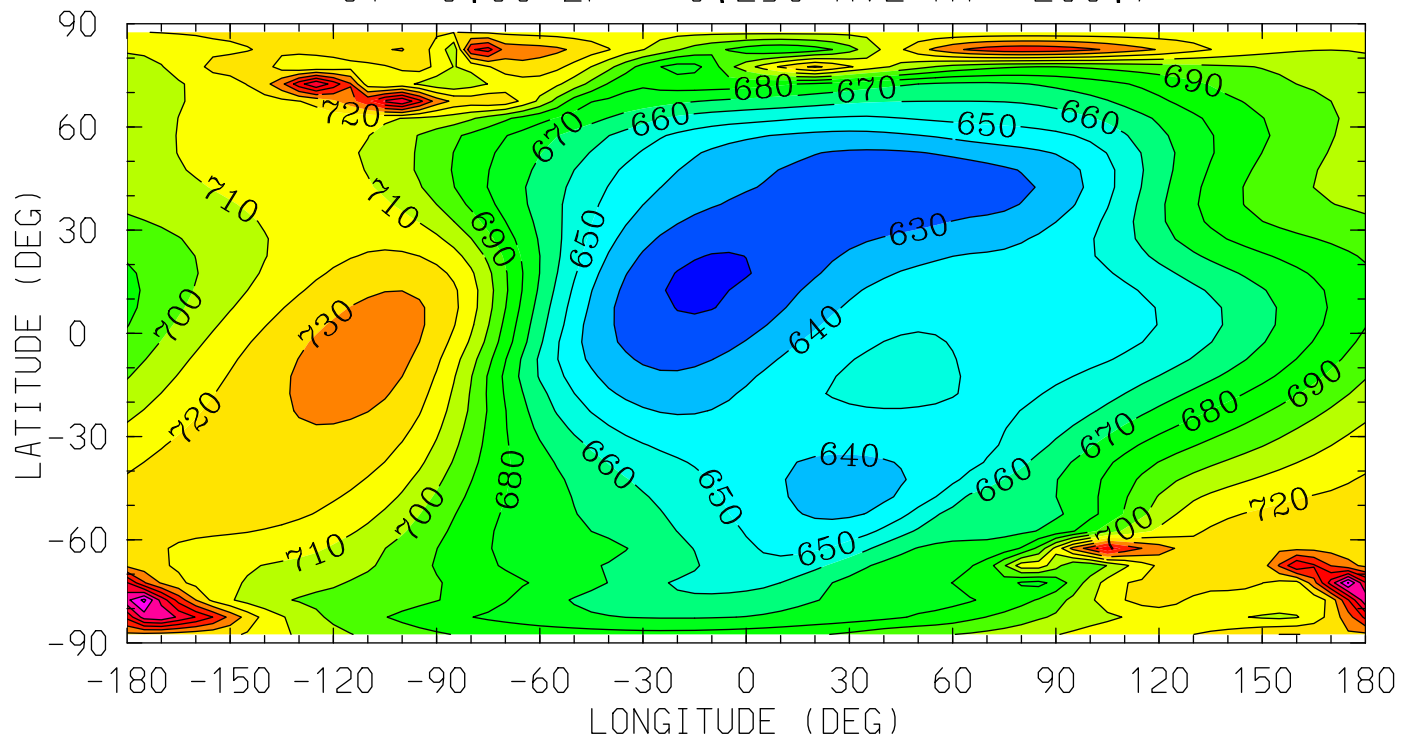


12.0 16.0 20.0 0.0 4.0 8.0 12.0

LOCAL TIME (HRS)

MIN,MAX= 2.7693E+02 3.9439E+02 INTERVAL= 5.0000E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

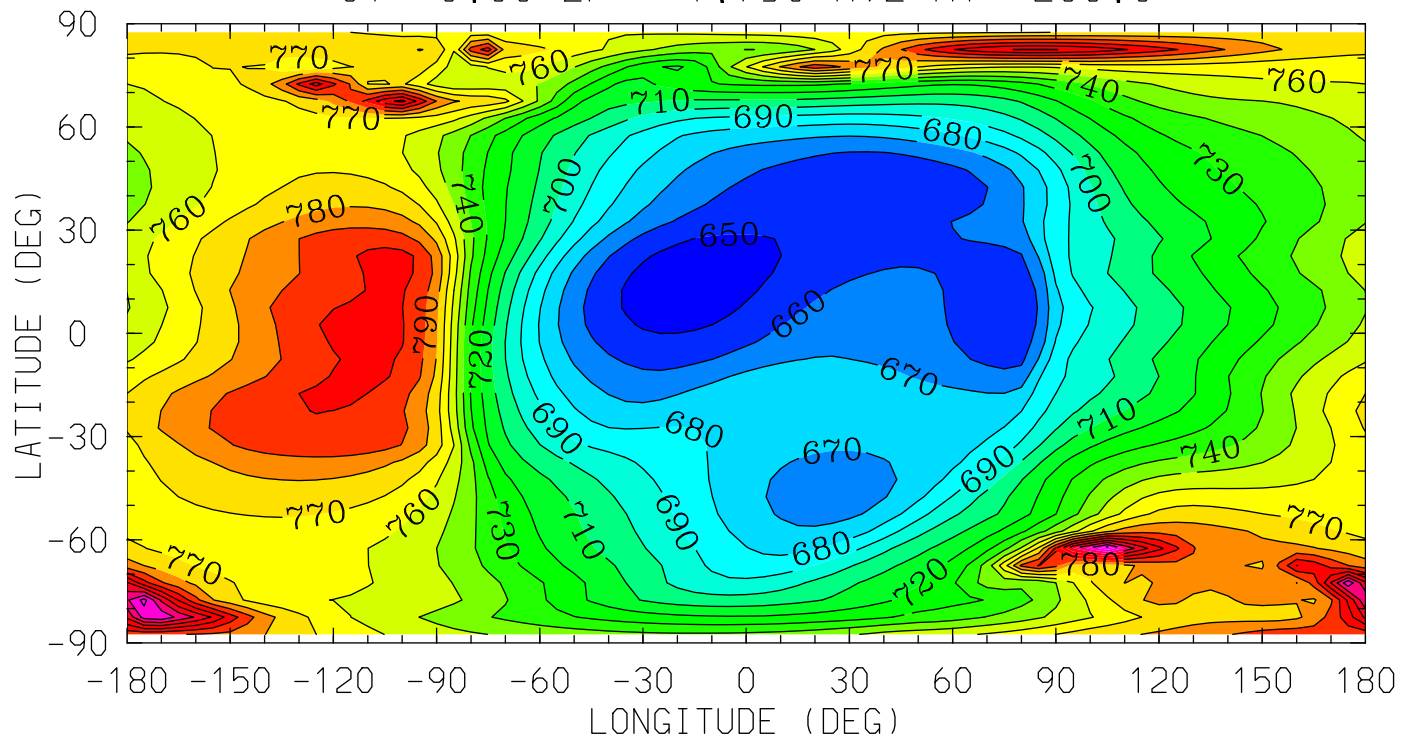
TI (DEG K)  
ION TEMPERATURE  
UT= 0.00 ZP= -0.250 AVE HT= 200.7



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 6.1775E+02 7.9261E+02 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

TI (DEG K)  
ION TEMPERATURE  
UT= 0.00 ZP= 1.750 AVE HT= 266.0

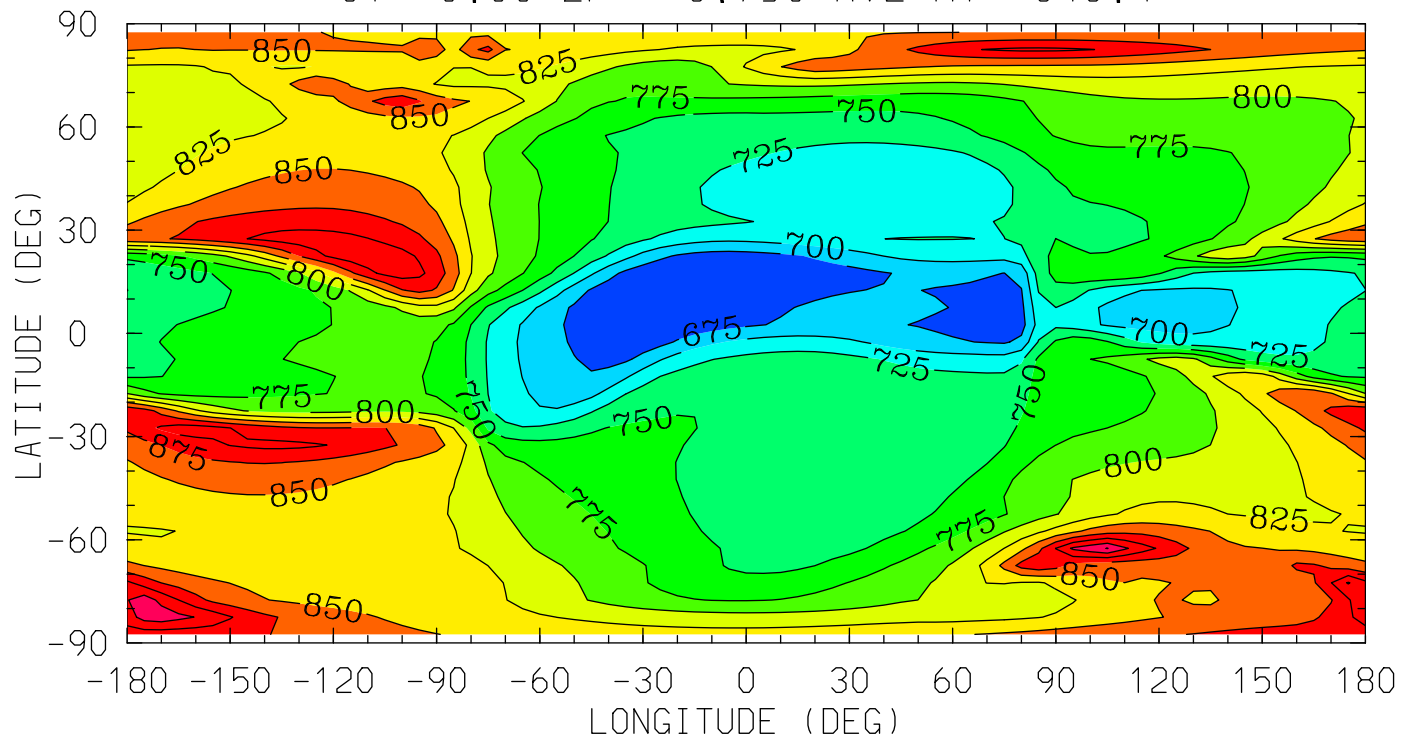


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 6.4354E+02 8.5708E+02 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc



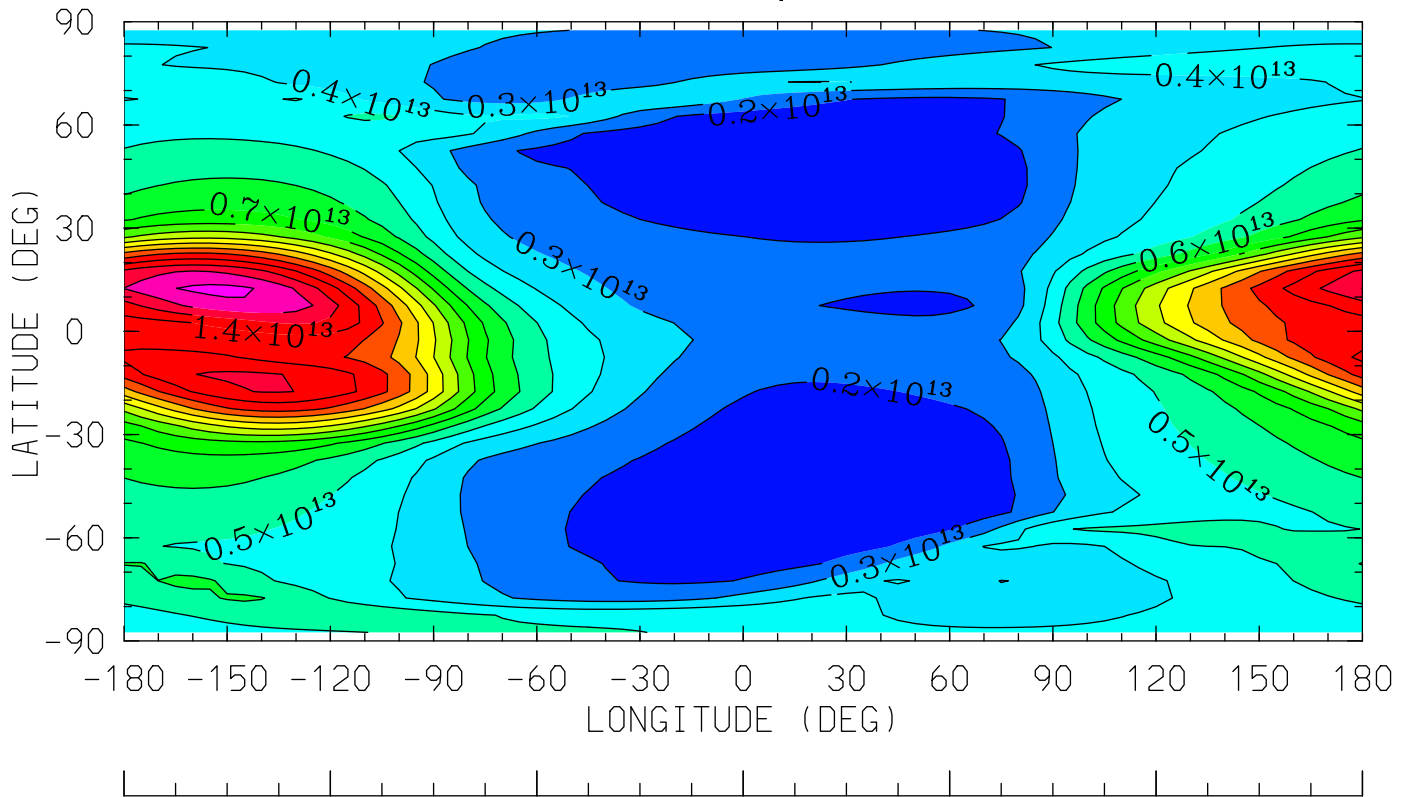
TI (DEG K)  
ION TEMPERATURE  
UT= 0.00 ZP= 3.750 AVE HT= 343.4



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 6.5061E+02 9.5083E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

TEC ( )  
TEC: Total Electron Content  
UT= 0.00



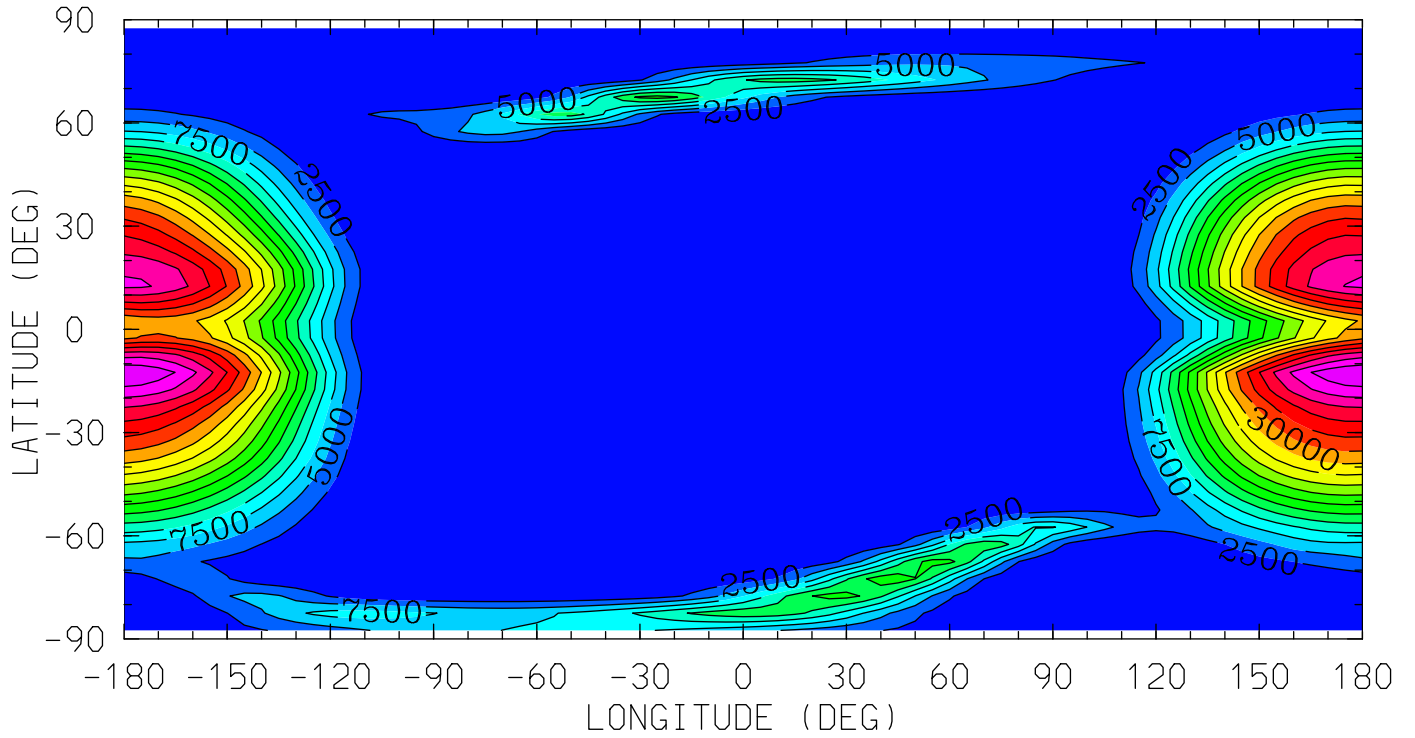
12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.2274E+12 1.7291E+13 INTERVAL= 1.0000E+12  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

02P (CM3)

02+ ION

UT= 0.00 ZP= -6.750 AVE HT= 97.8



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 6.9024E+01 4.4989E+04 INTERVAL= 2.5000E+03

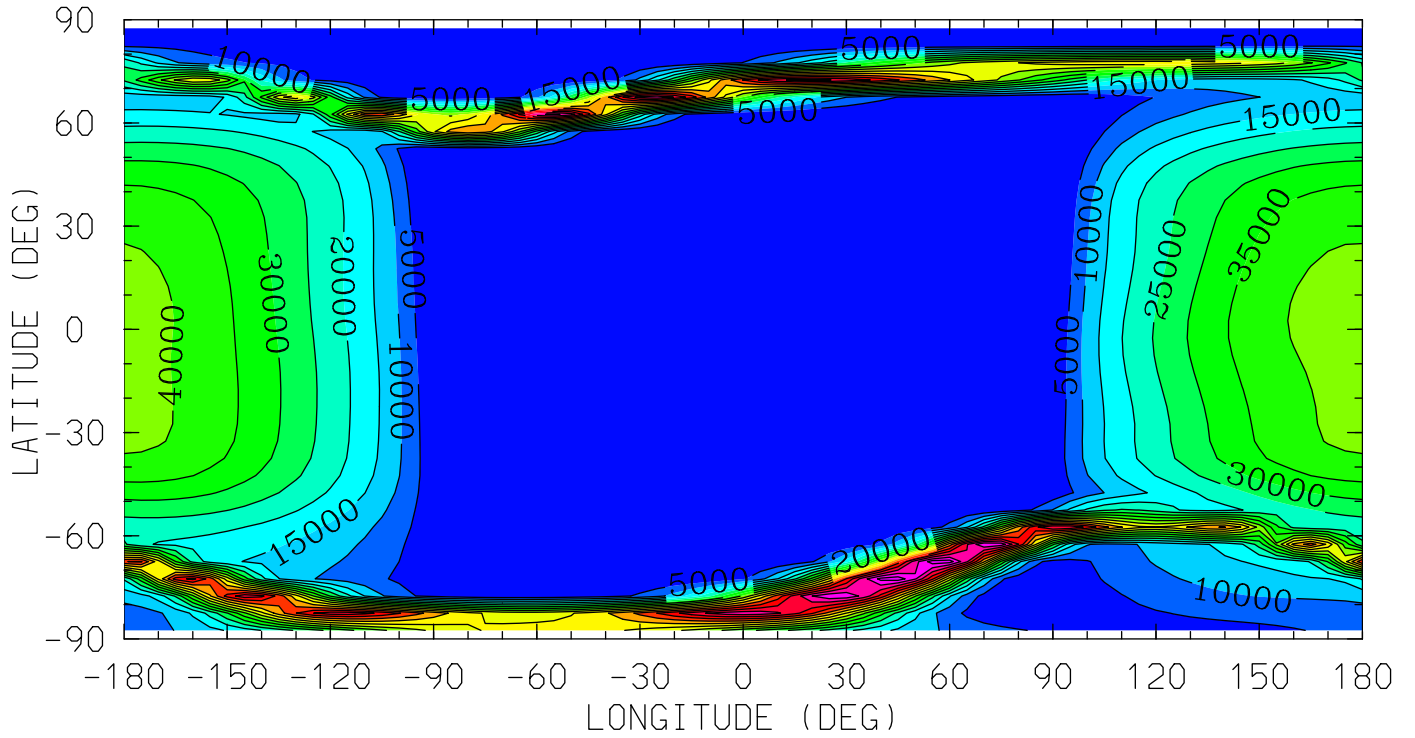
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)

tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

O2P (CM3)

O2+ ION

UT= 0.00 ZP= -4.250 AVE HT= 116.3



MIN,MAX= 3.1703E+01 8.7942E+04 INTERVAL= 5.0000E+03

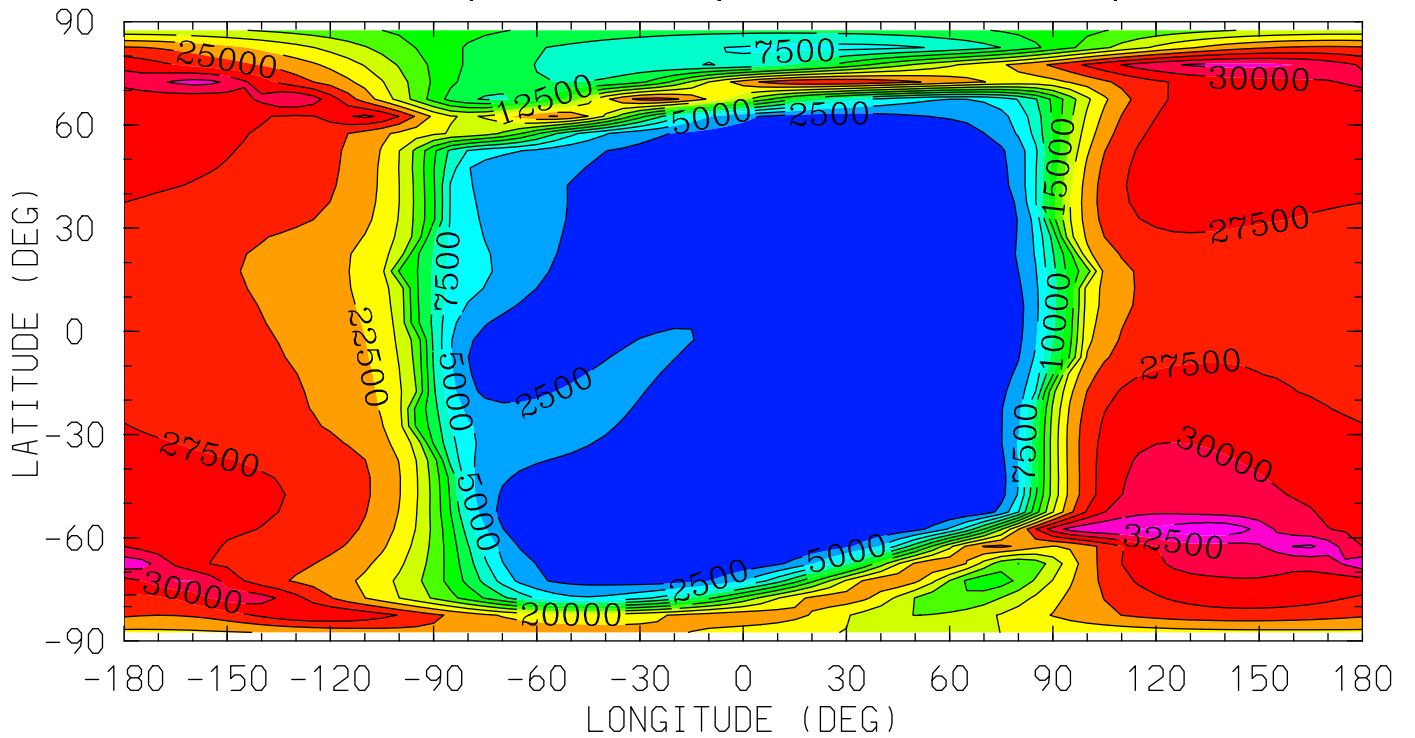
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)

tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

O2P (CM3)

O2+ ION

UT= 0.00 ZP= -0.250 AVE HT= 200.7



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 4.9230E+01 3.7076E+04 INTERVAL= 2.5000E+03

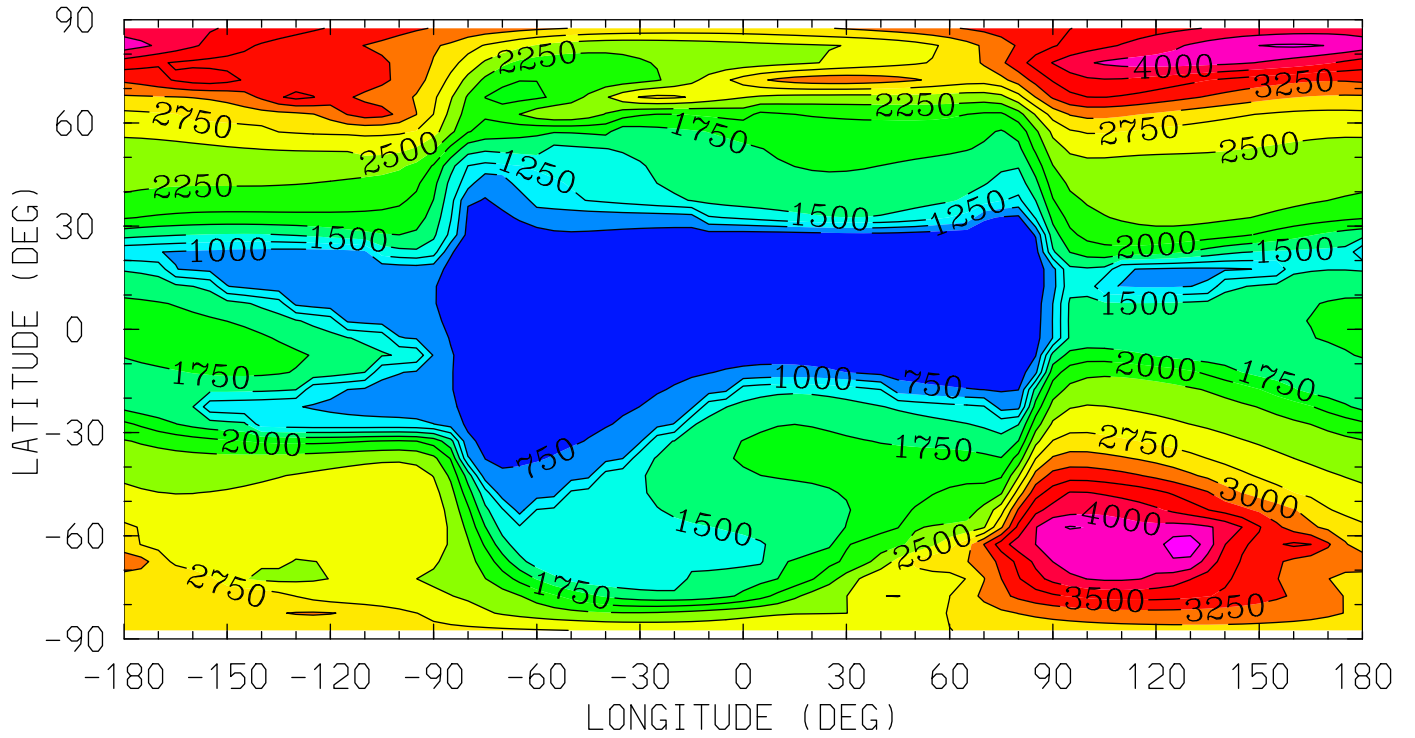
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)

tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

O2P (CM3)

O2+ ION

UT= 0.00 ZP= 1.750 AVE HT= 266.0



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 5.0826E+02 4.4162E+03 INTERVAL= 2.5000E+02

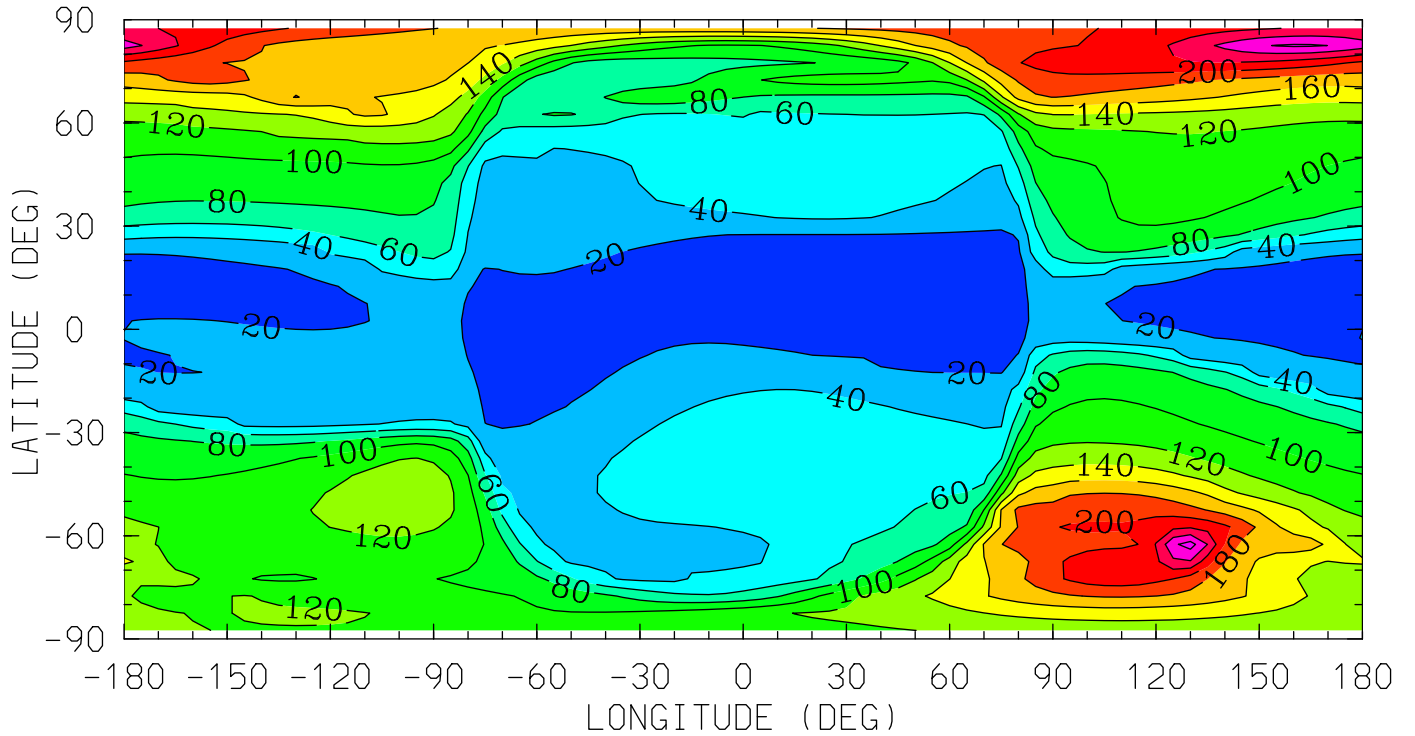
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)

tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

O2P (CM3)

O2+ ION

UT= 0.00 ZP= 3.750 AVE HT= 343.4



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.2312E+01 2.6854E+02 INTERVAL= 2.0000E+01

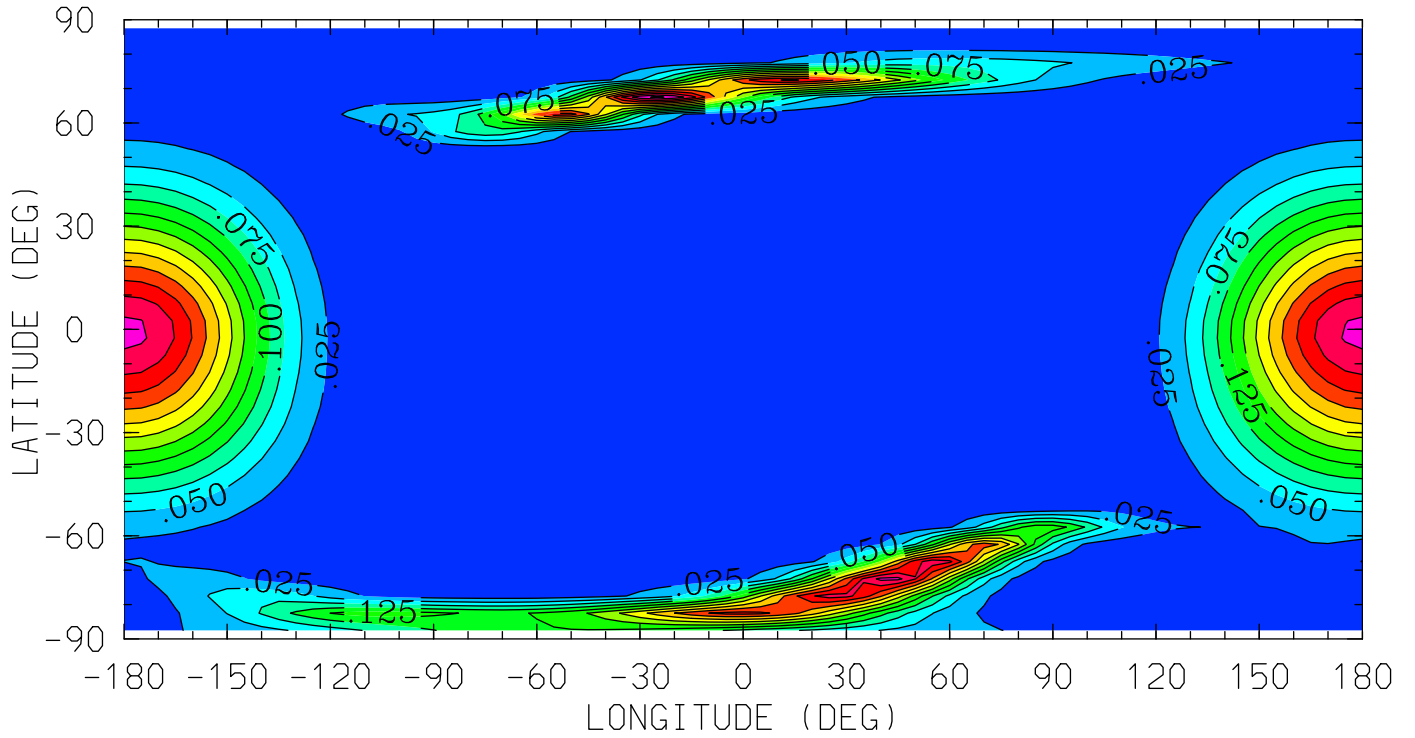
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)

tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

OP (CM3)

0+ ION

UT= 0.00 ZP= -6.750 AVE HT= 97.8



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 8.5170E-03 3.2991E-01 INTERVAL= 2.5000E-02

tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)

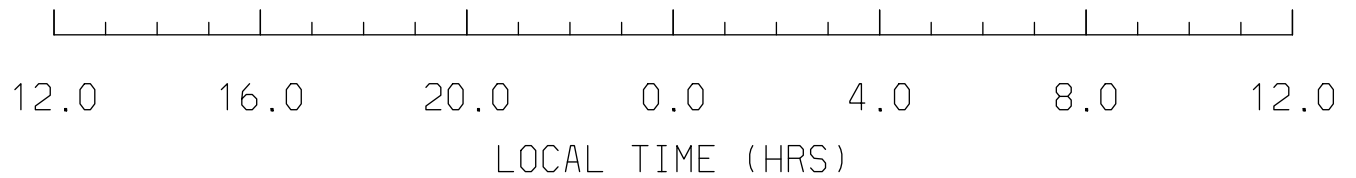
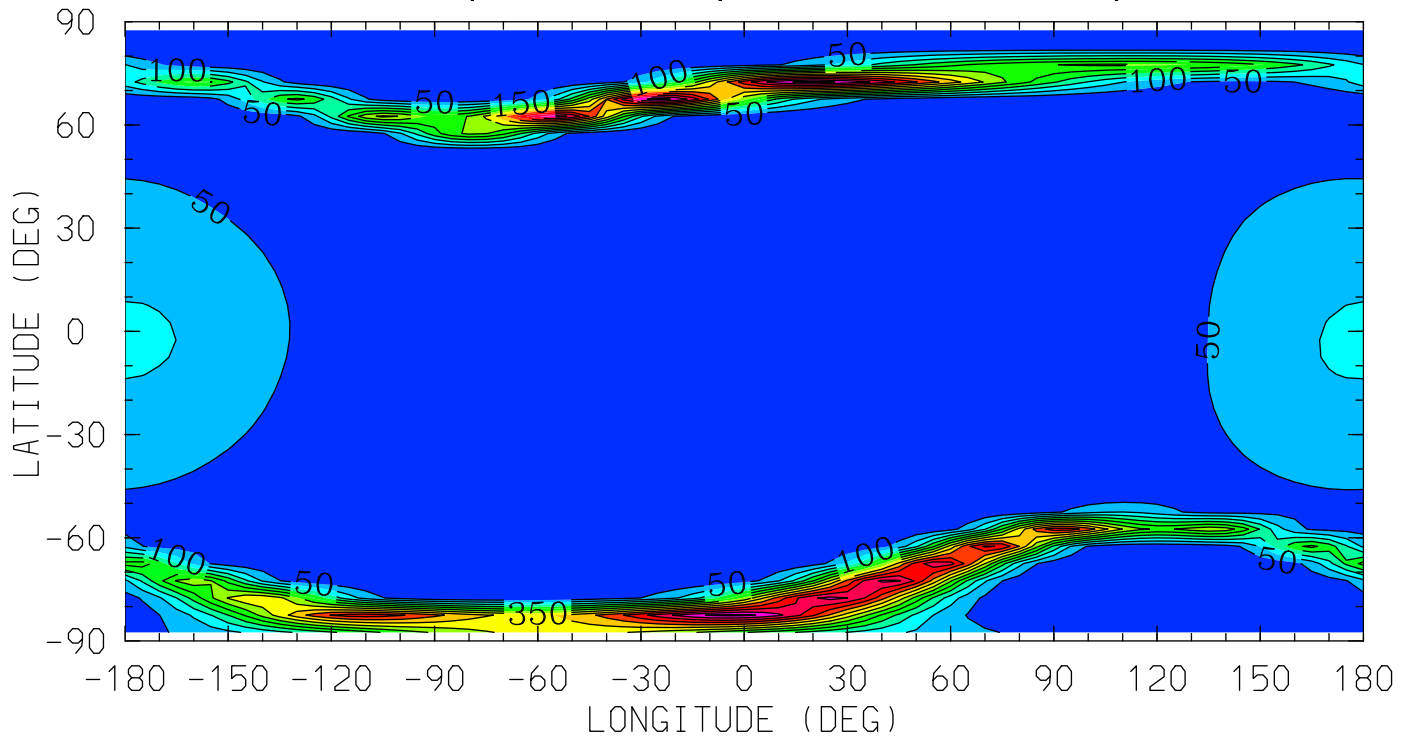
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc



OP (CM3)

O+ ION

UT= 0.00 ZP= -4.250 AVE HT= 116.3

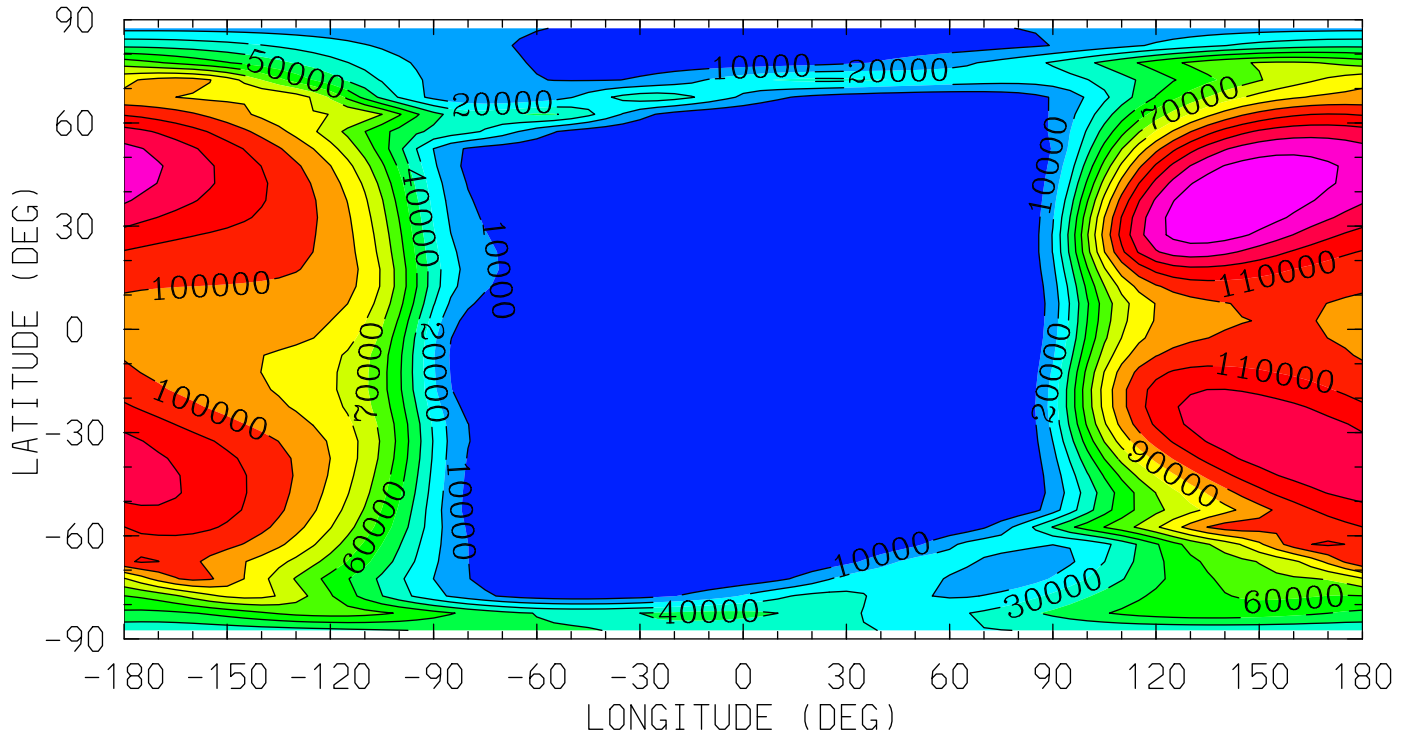


MIN,MAX= 3.6991E-04 6.6719E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

OP (CM3)

O+ ION

UT= 0.00 ZP= -0.250 AVE HT= 200.7



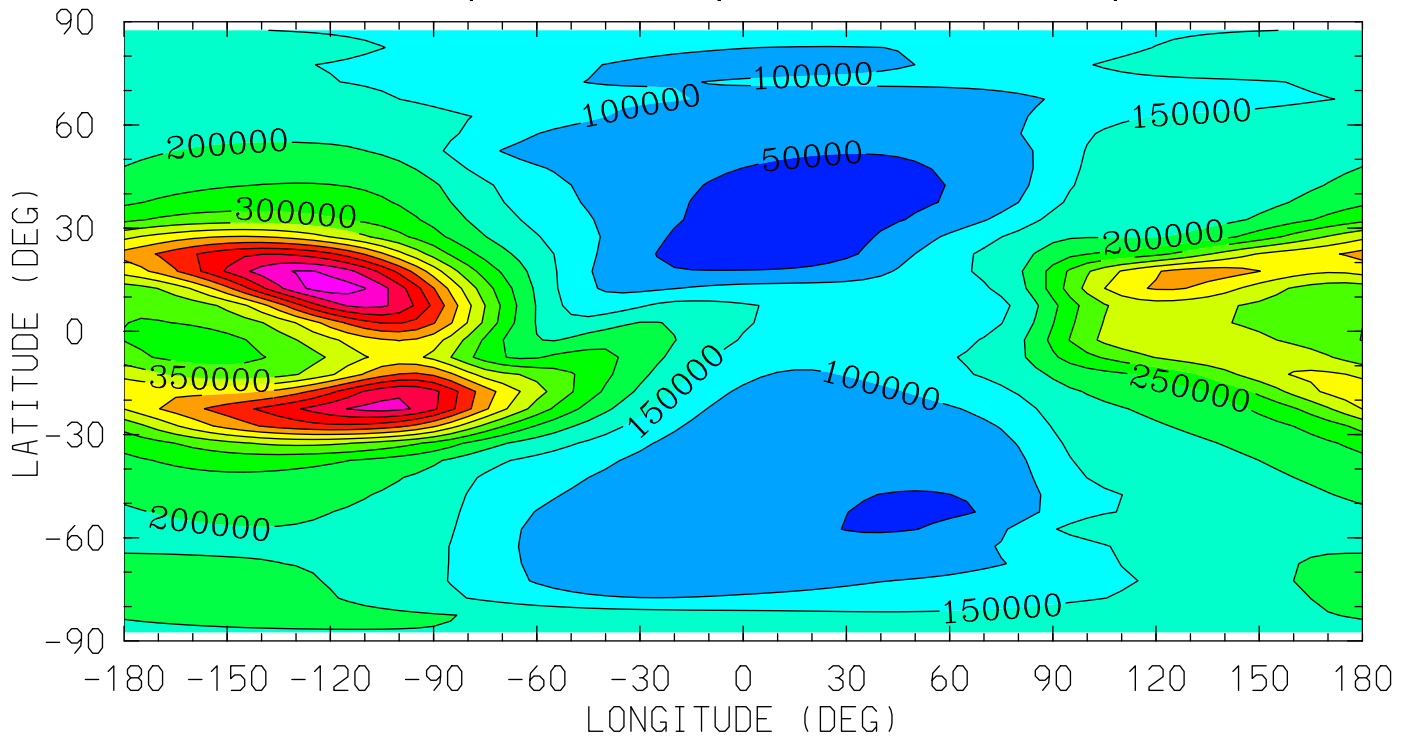
12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 9.7651E+00 1.4958E+05 INTERVAL= 1.0000E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

OP (CM3)

O+ ION

UT= 0.00 ZP= 1.750 AVE HT= 266.0



12.0 16.0 20.0 0.0 4.0 8.0 12.0

LOCAL TIME (HRS)

MIN,MAX= 2.0869E+04 7.2594E+05 INTERVAL= 5.0000E+04

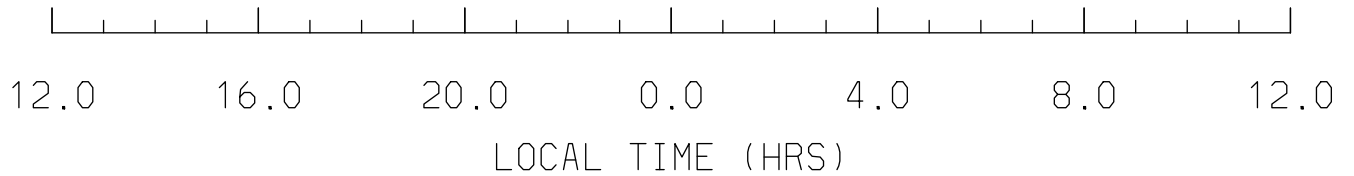
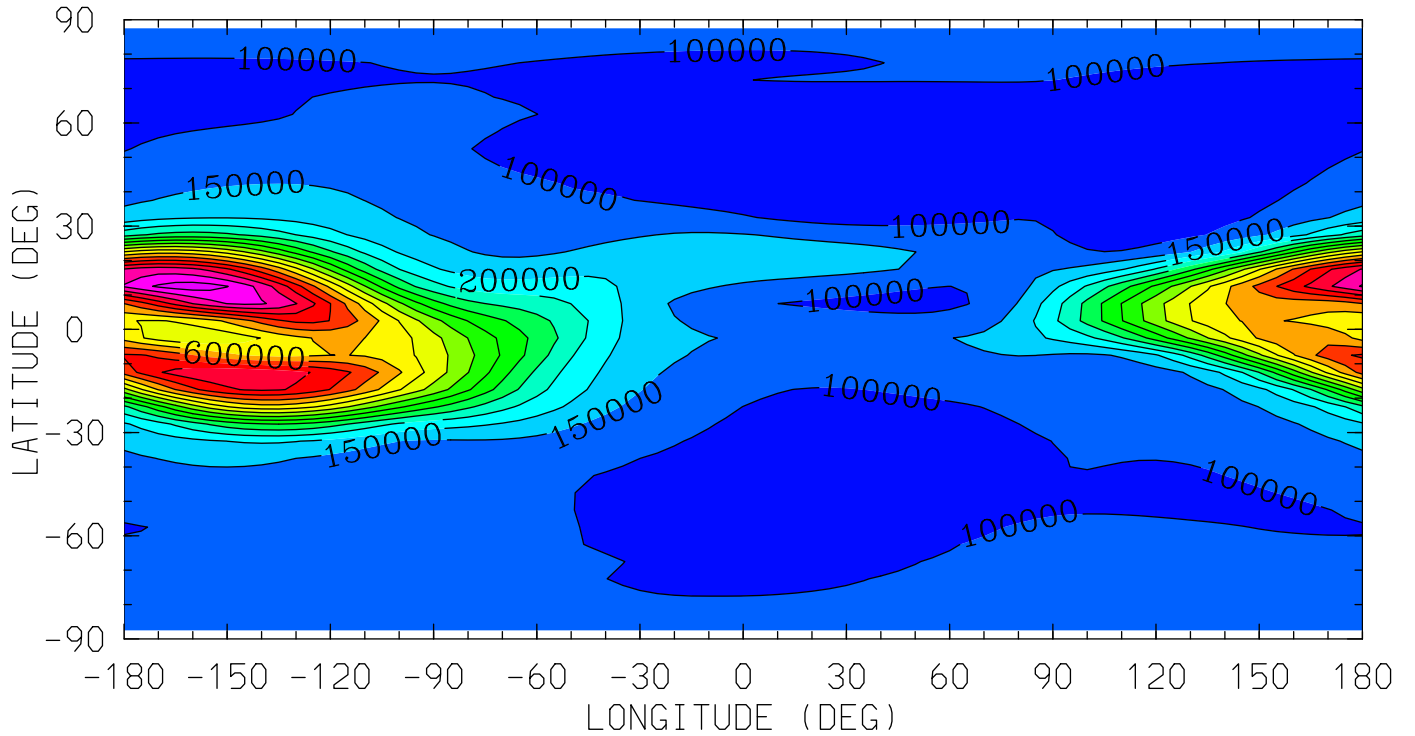
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)

tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

OP (CM3)

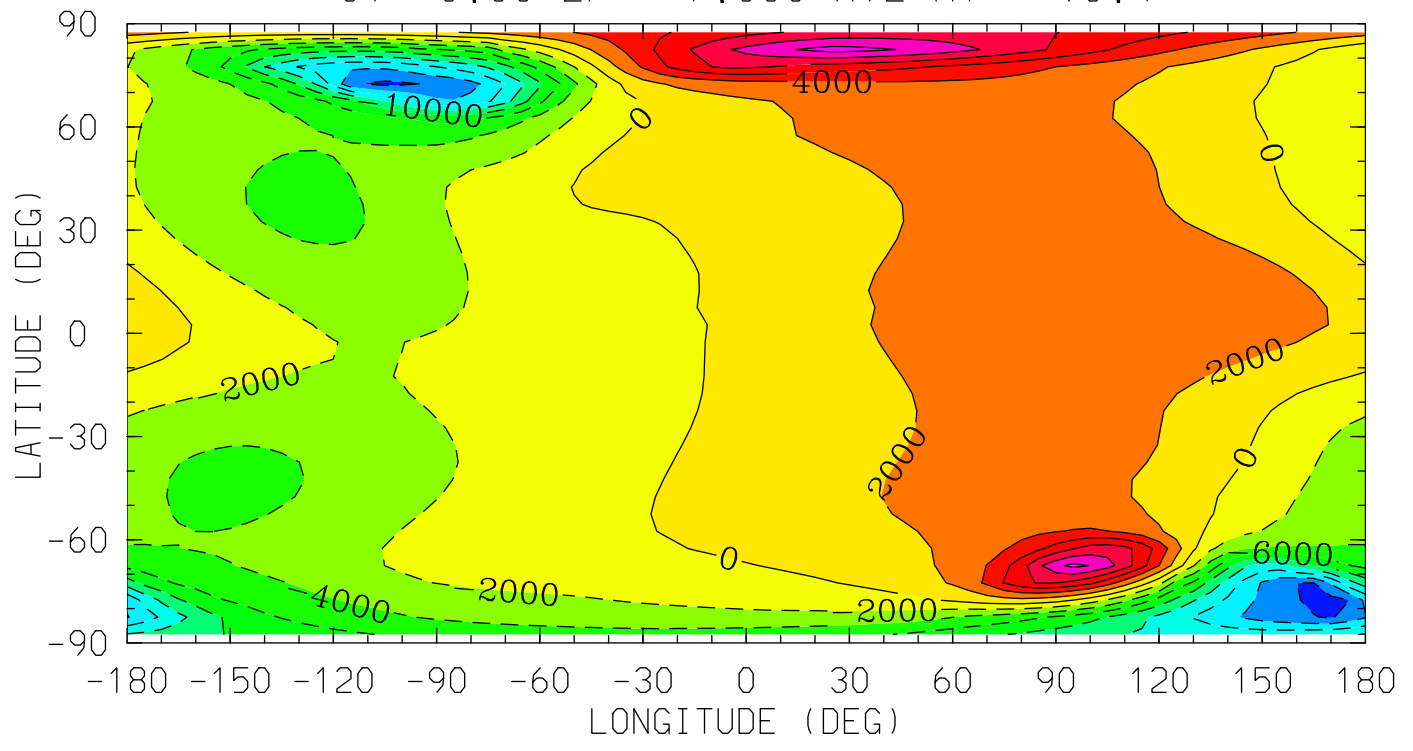
O+ ION

UT= 0.00 ZP= 3.750 AVE HT= 343.4



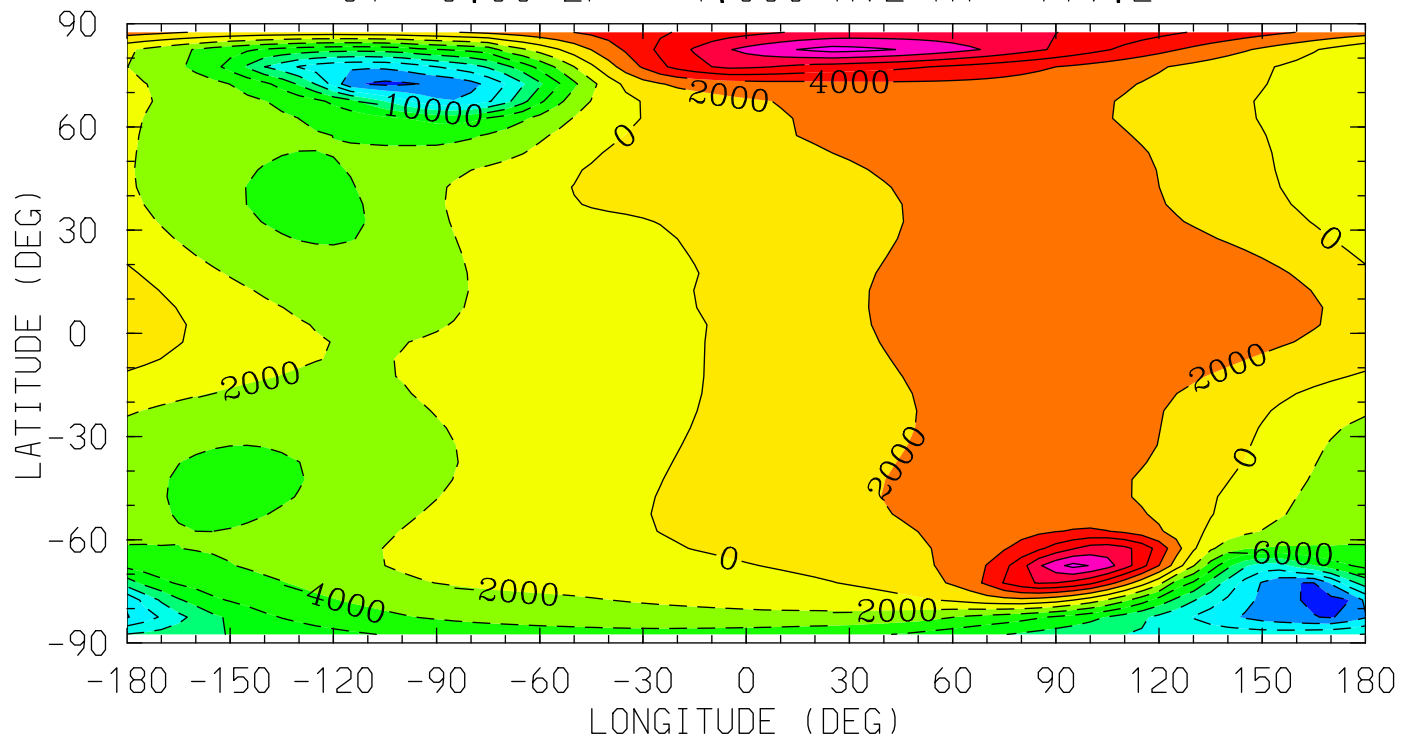
MIN,MAX= 6.7822E+04 9.2734E+05 INTERVAL= 5.0000E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

POTEN (VOLTS)  
ELECTRIC POTENTIAL  
UT= 0.00 ZP= -7.000 AVE HT= 96.4



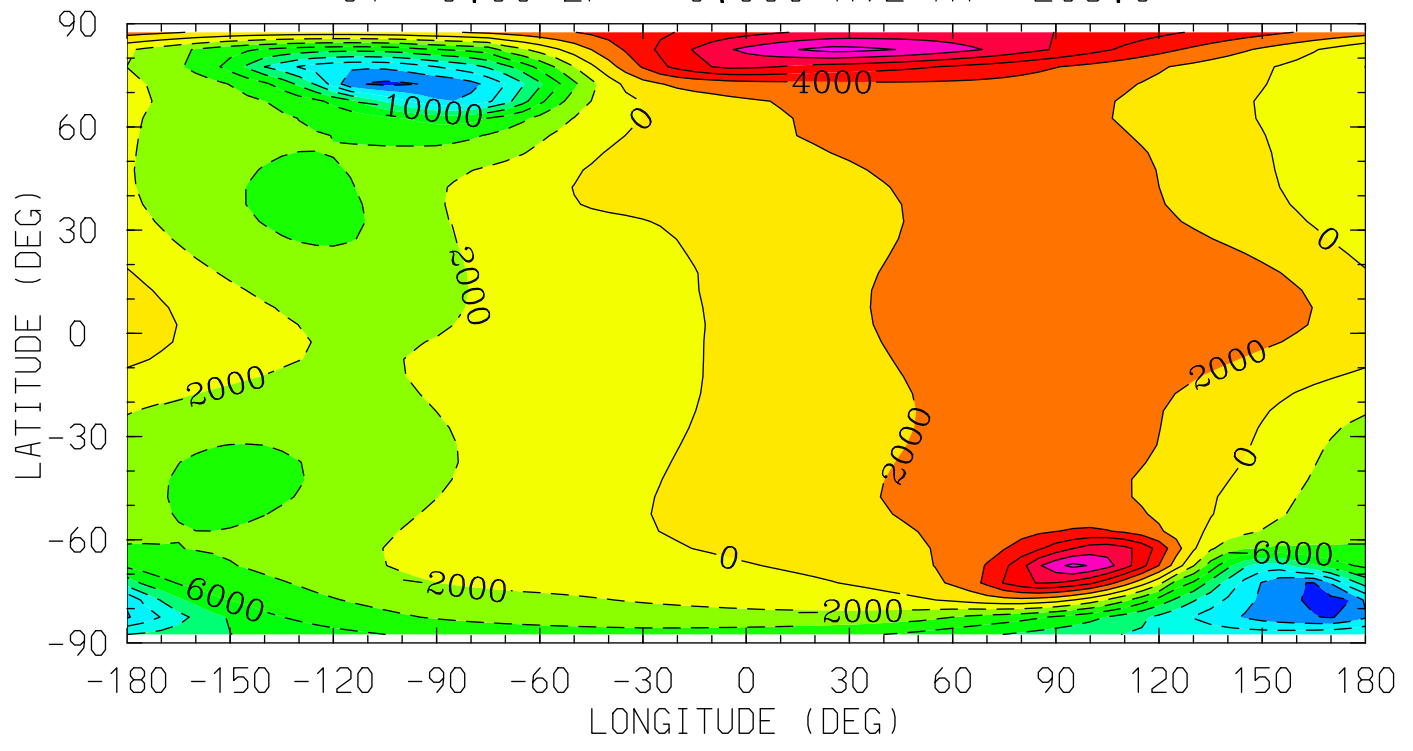
MIN,MAX= -1.6632E+04 1.2785E+04 INTERVAL= 2.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

POTEN (VOLTS)  
ELECTRIC POTENTIAL  
UT= 0.00 ZP= -4.000 AVE HT= 119.2



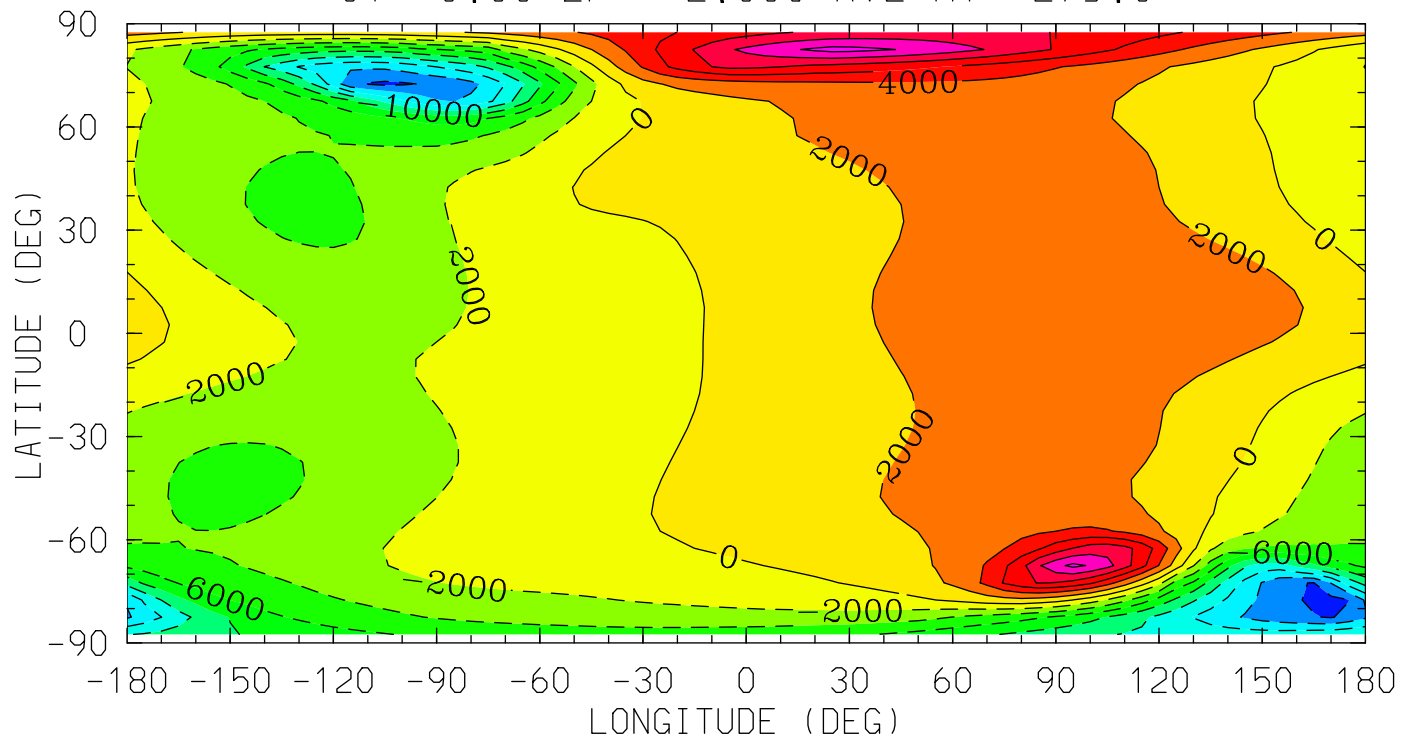
MIN,MAX= -1.6628E+04 1.2774E+04 INTERVAL= 2.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

POTEN (VOLTS)  
ELECTRIC POTENTIAL  
UT= 0.00 ZP= 0.000 AVE HT= 208.0



MIN,MAX= -1.6611E+04 1.2728E+04 INTERVAL= 2.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

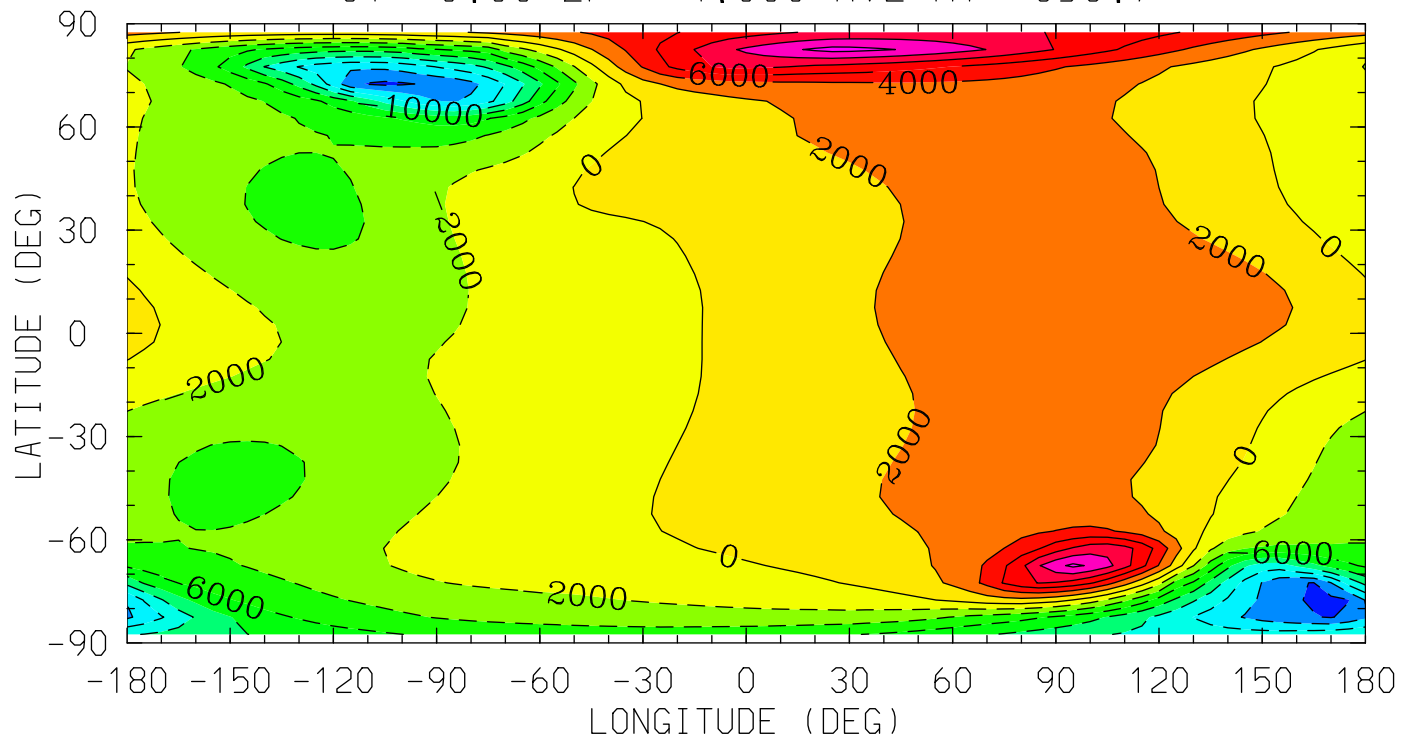
POTEN (VOLTS)  
ELECTRIC POTENTIAL  
UT= 0.00 ZP= 2.000 AVE HT= 275.0



MIN,MAX= -1.6596E+04 1.2689E+04 INTERVAL= 2.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

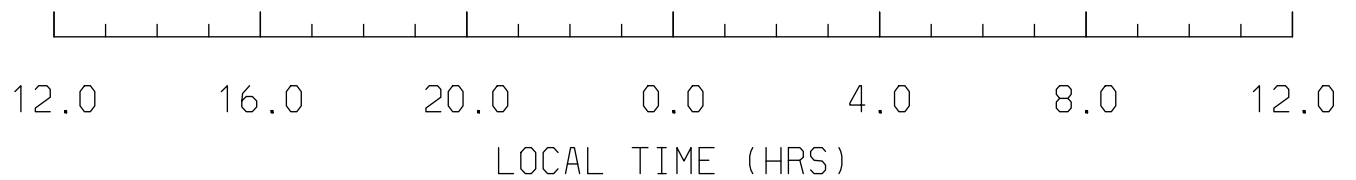
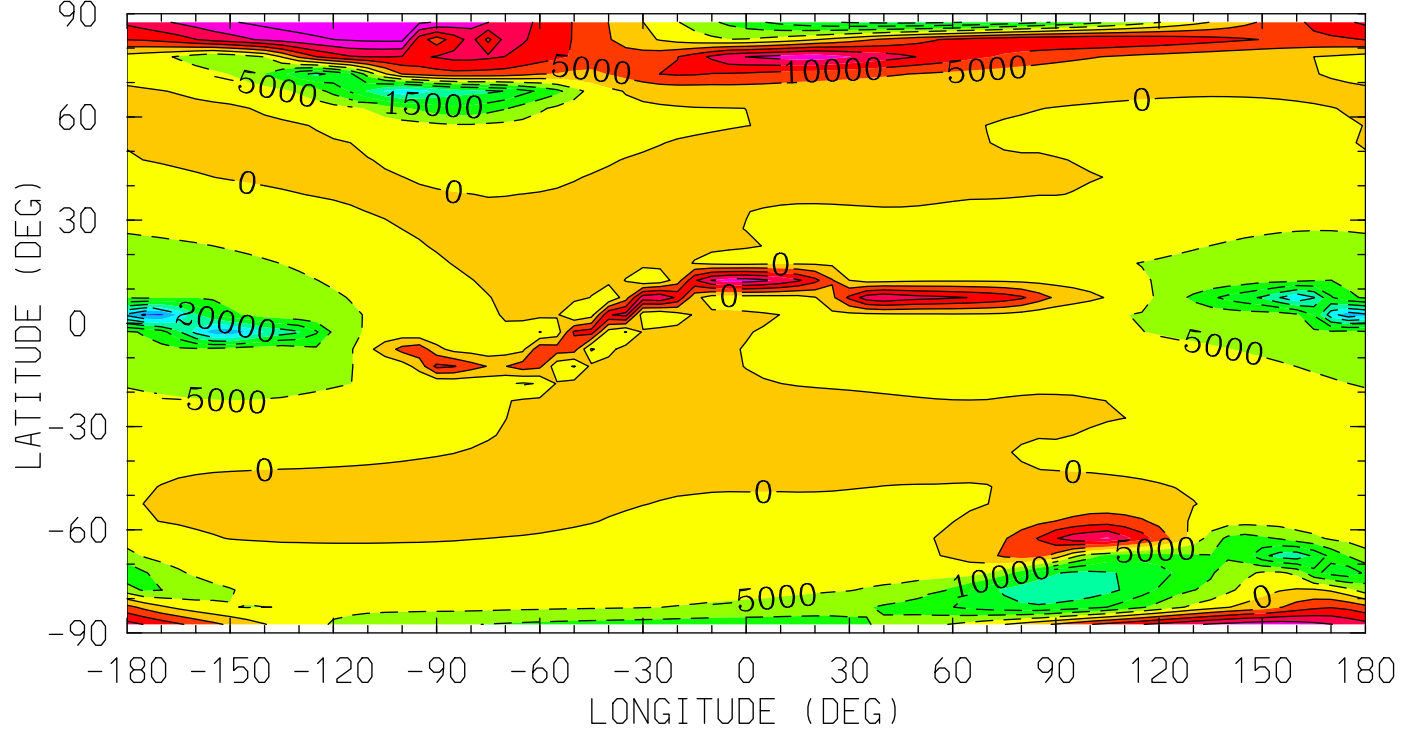


POTEN (VOLTS)  
ELECTRIC POTENTIAL  
UT= 0.00 ZP= 4.000 AVE HT= 353.7



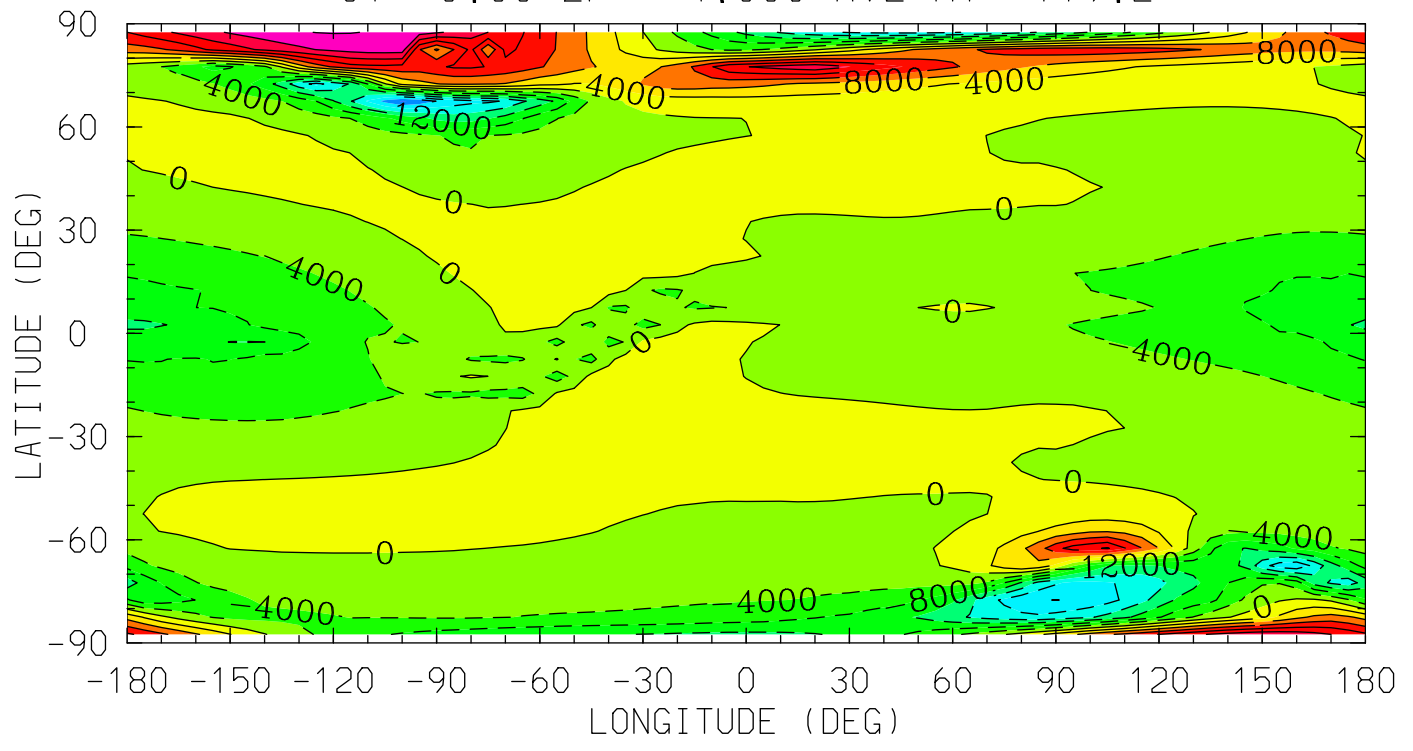
MIN,MAX= -1.6578E+04 1.2639E+04 INTERVAL= 2.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB (cm/s)  
UI: Zonal ExB Velocity  
UT= 0.00 ZP= -7.000 AVE HT= 96.4



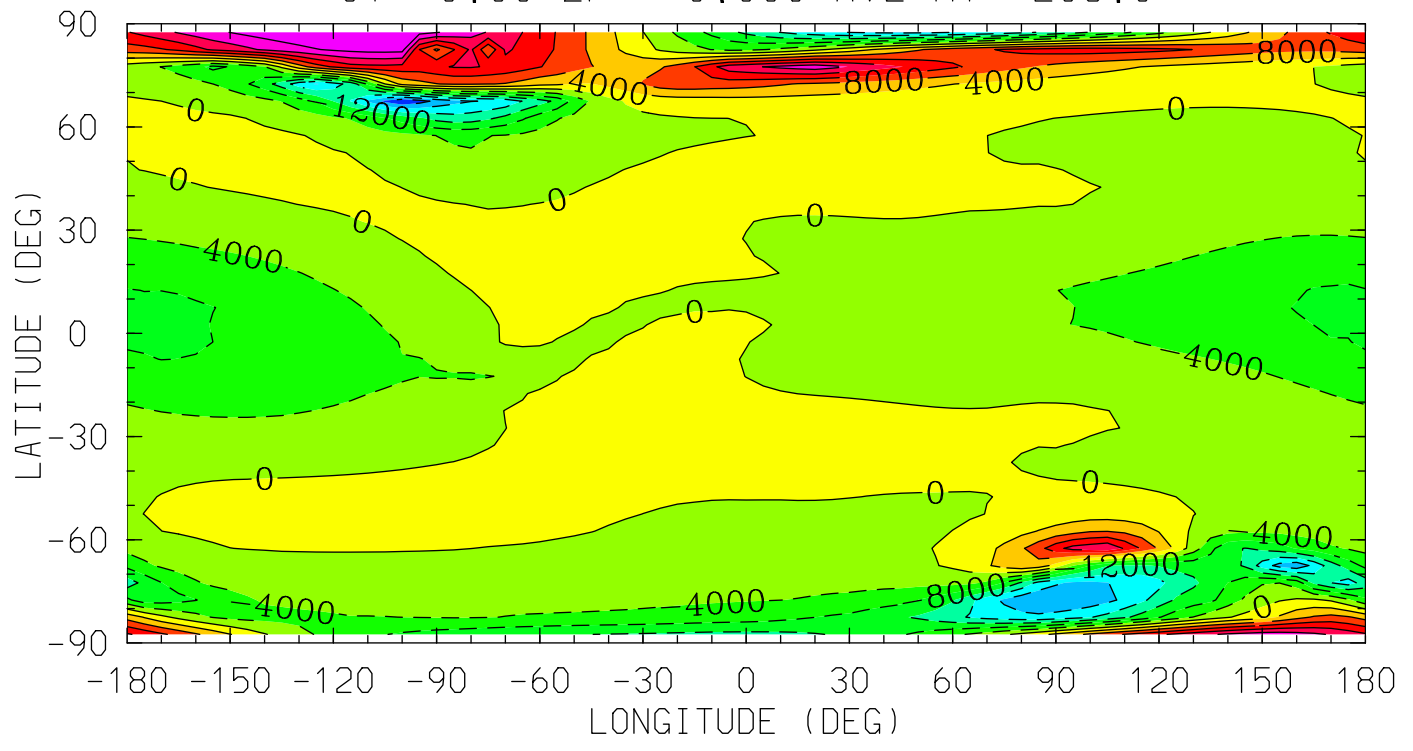
MIN,MAX= -3.6264E+04 2.8320E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB (cm/s)  
UI: Zonal ExB Velocity  
UT= 0.00 ZP= -4.000 AVE HT= 119.2



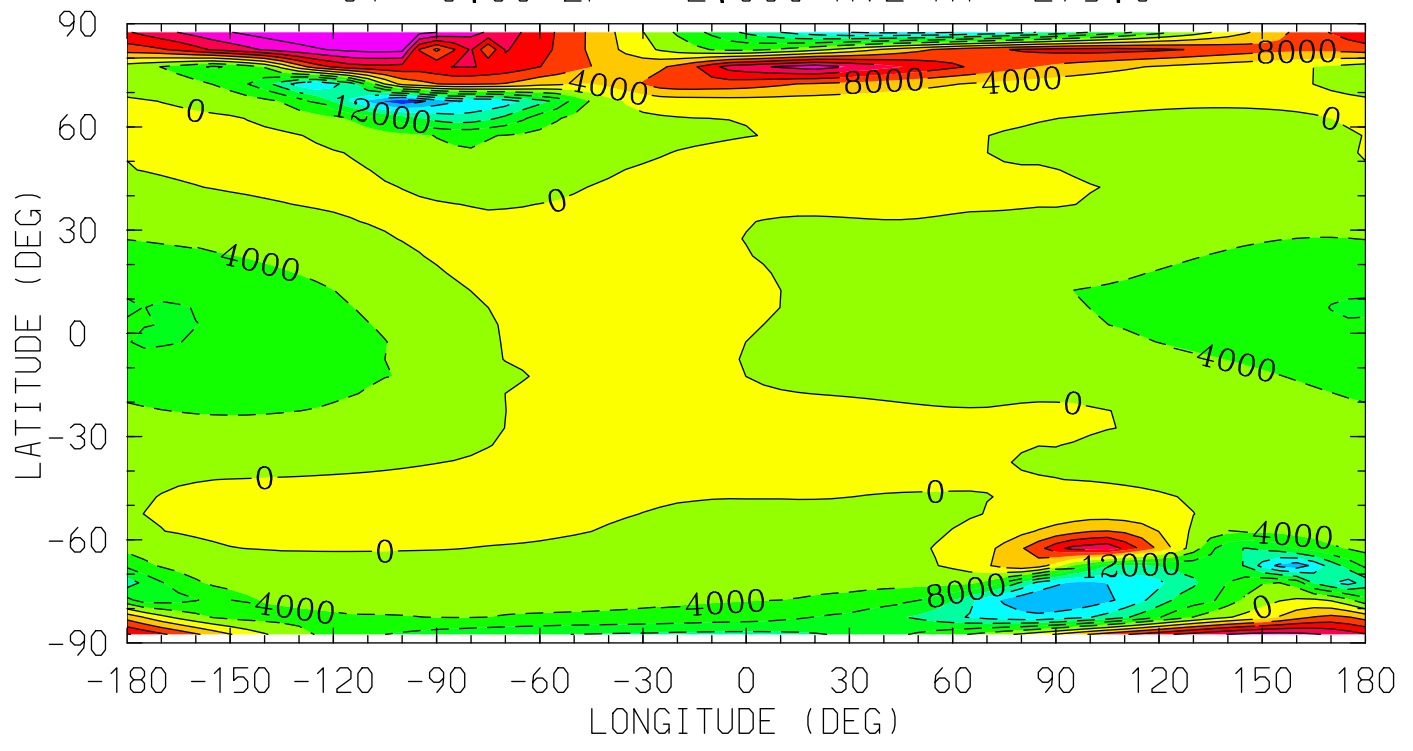
MIN,MAX= -2.8499E+04 2.8228E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB (cm/s)  
UI: Zonal ExB Velocity  
UT= 0.00 ZP= 0.000 AVE HT= 208.0



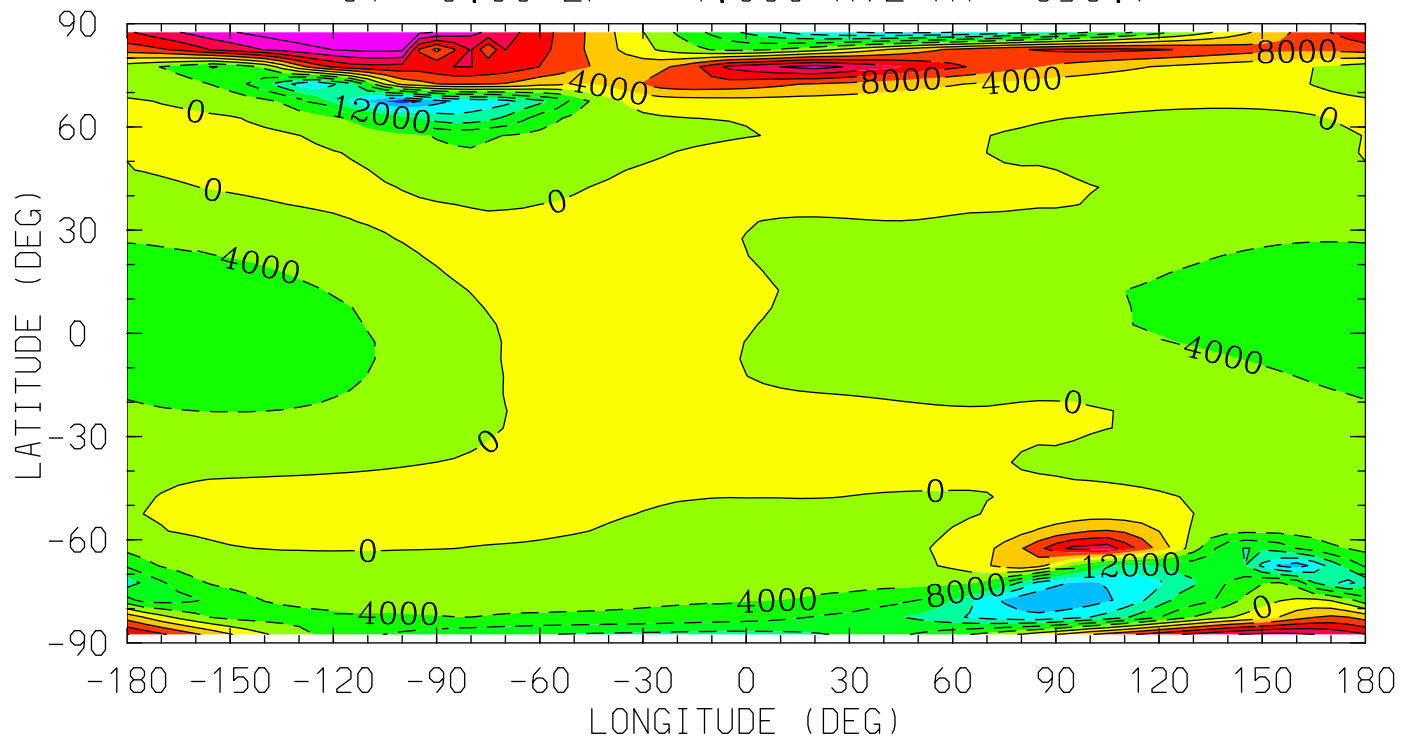
MIN,MAX= -2.7644E+04 2.7873E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB (cm/s)  
UI: Zonal ExB Velocity  
UT= 0.00 ZP= 2.000 AVE HT= 275.0



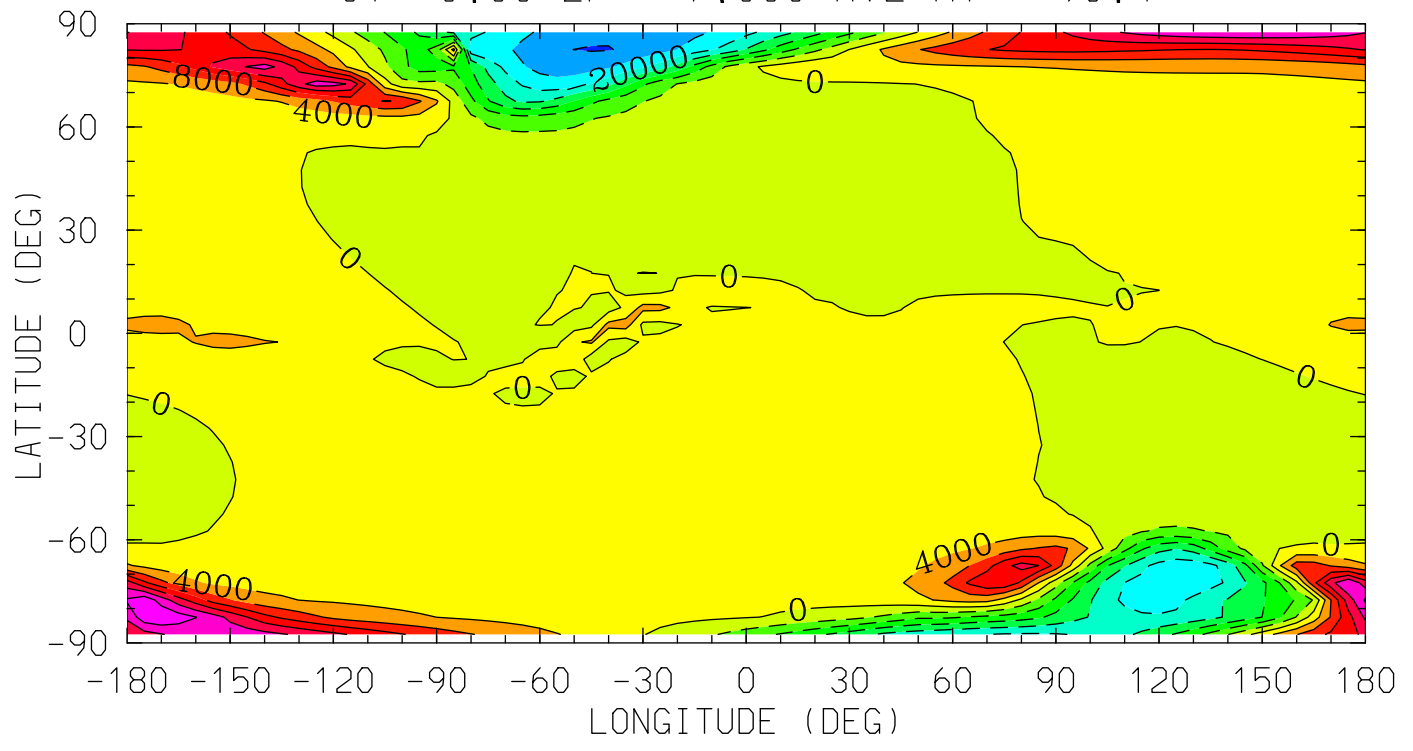
MIN,MAX= -2.7015E+04 2.7610E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB (cm/s)  
UI: Zonal ExB Velocity  
UT= 0.00 ZP= 4.000 AVE HT= 353.7



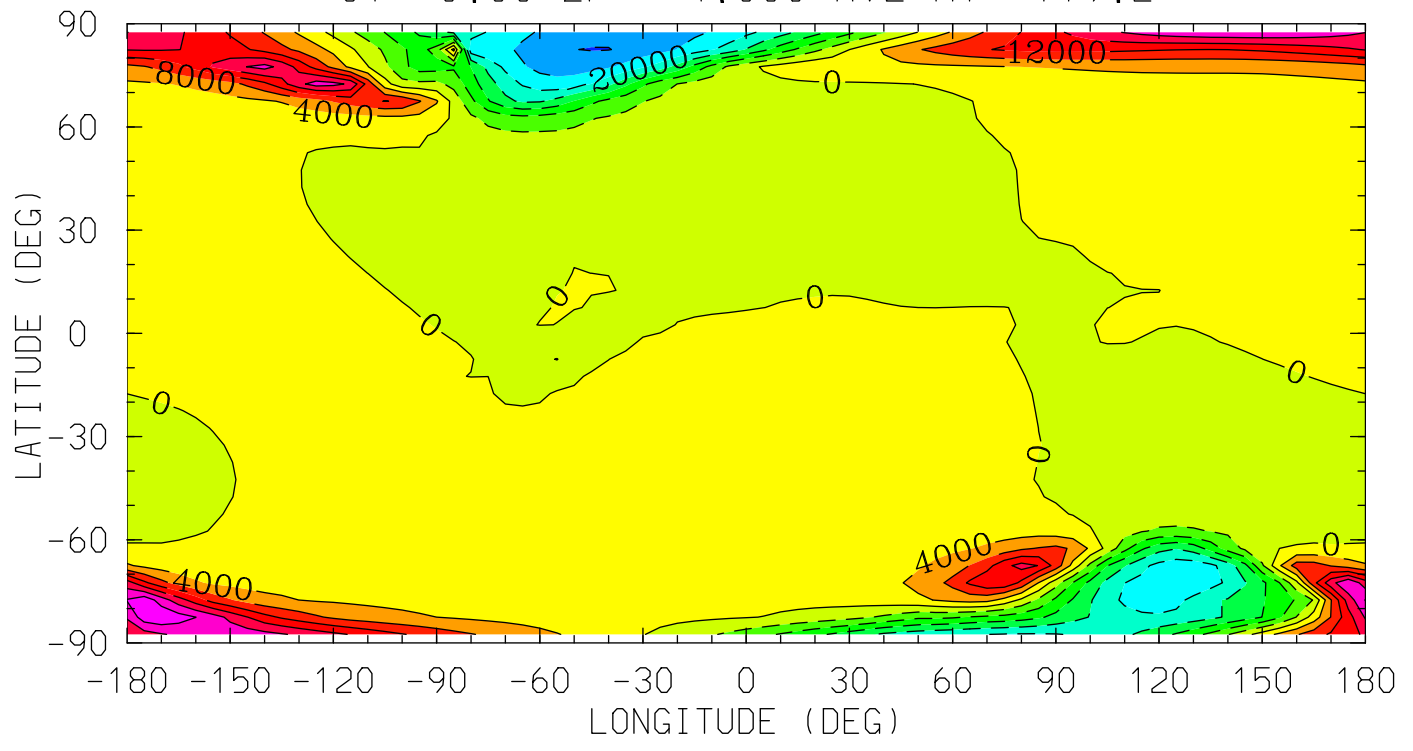
MIN,MAX= -2.6290E+04 2.7302E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

VI\_ExB (cm/s)  
VI: Meridional ExB Velocity  
UT= 0.00 ZP= -7.000 AVE HT= 96.4



MIN,MAX= -2.8288E+04 2.7638E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

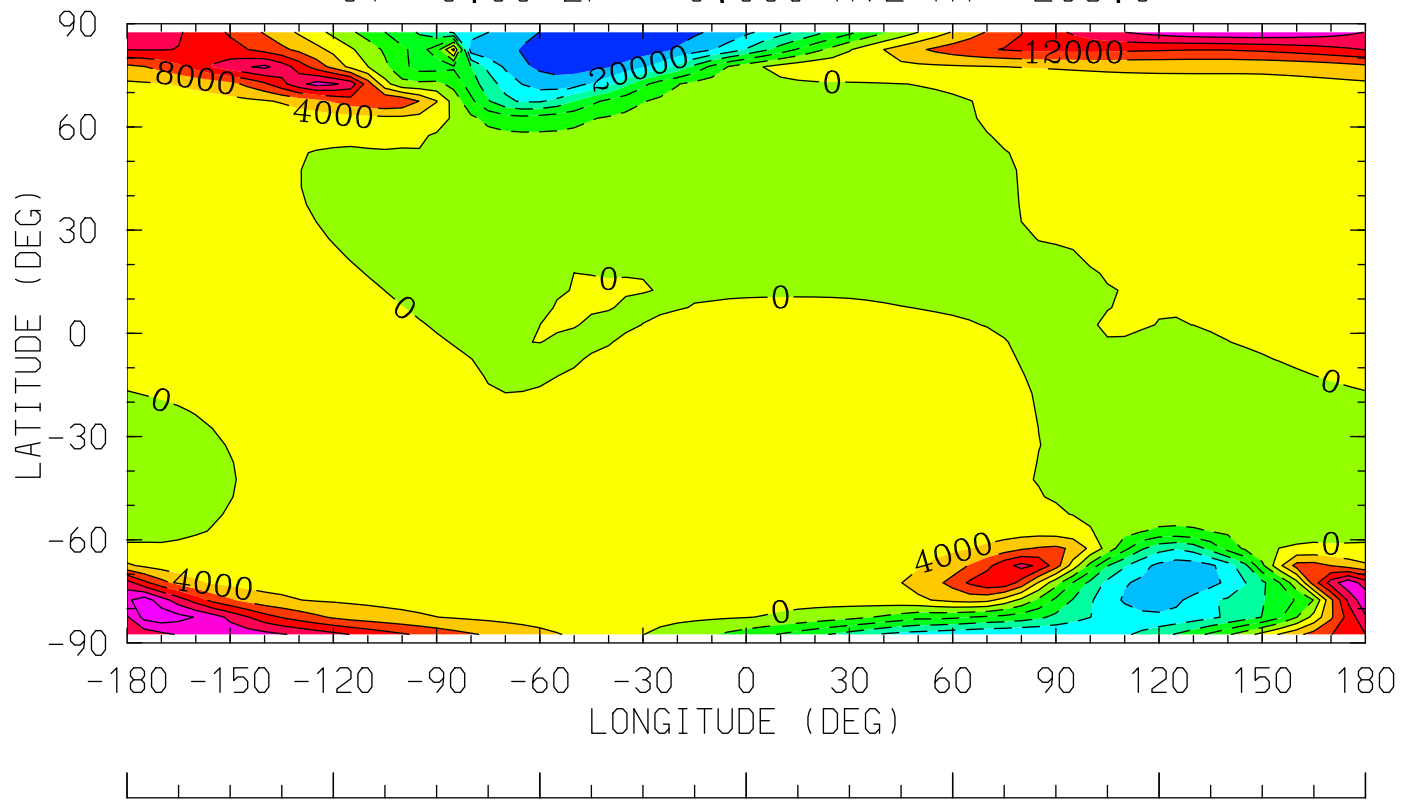
VI\_ExB (cm/s)  
VI: Meridional ExB Velocity  
UT= 0.00 ZP= -4.000 AVE HT= 119.2



MIN,MAX= -2.8194E+04 2.7401E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc



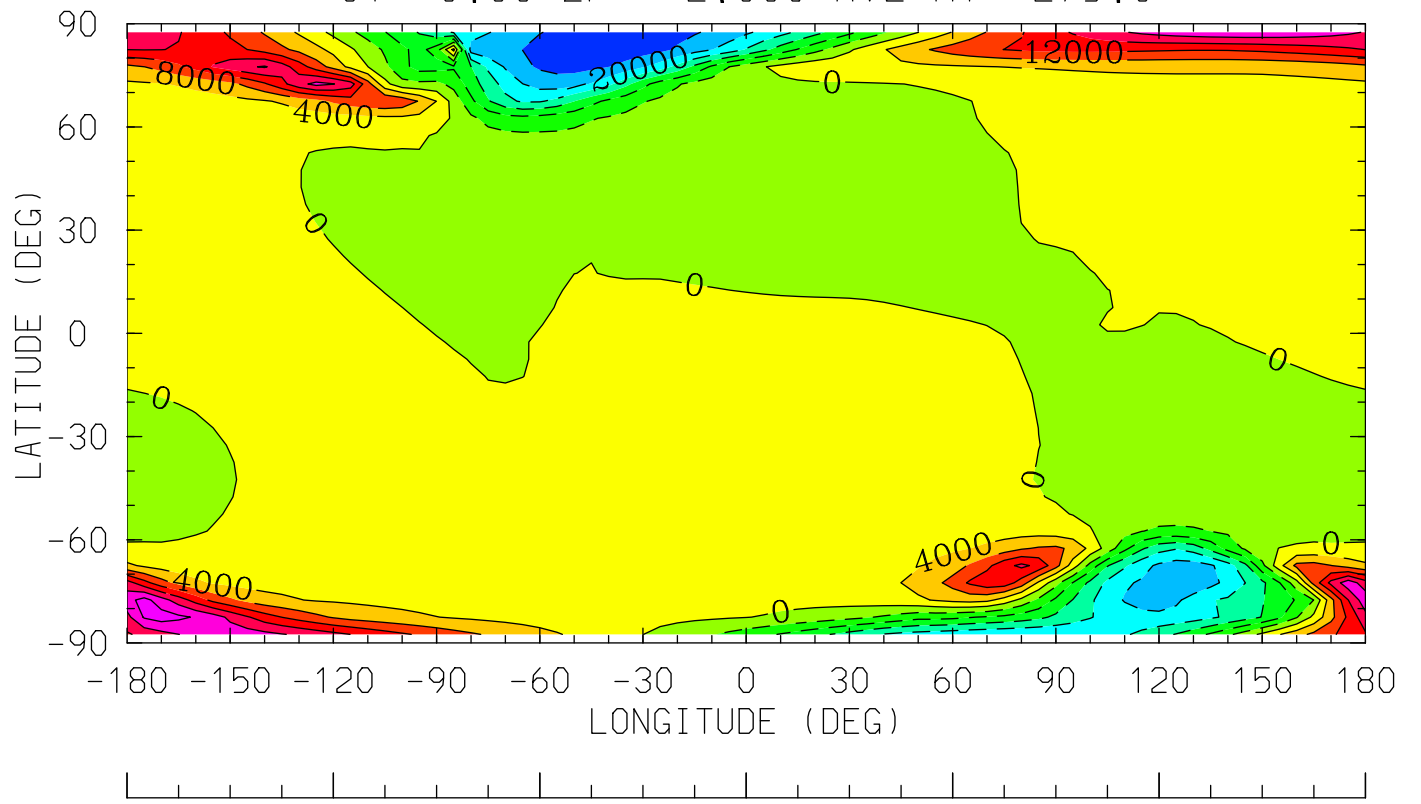
VI\_ExB (cm/s)  
VI: Meridional ExB Velocity  
UT= 0.00 ZP= 0.000 AVE HT= 208.0



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -2.7832E+04 2.6525E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

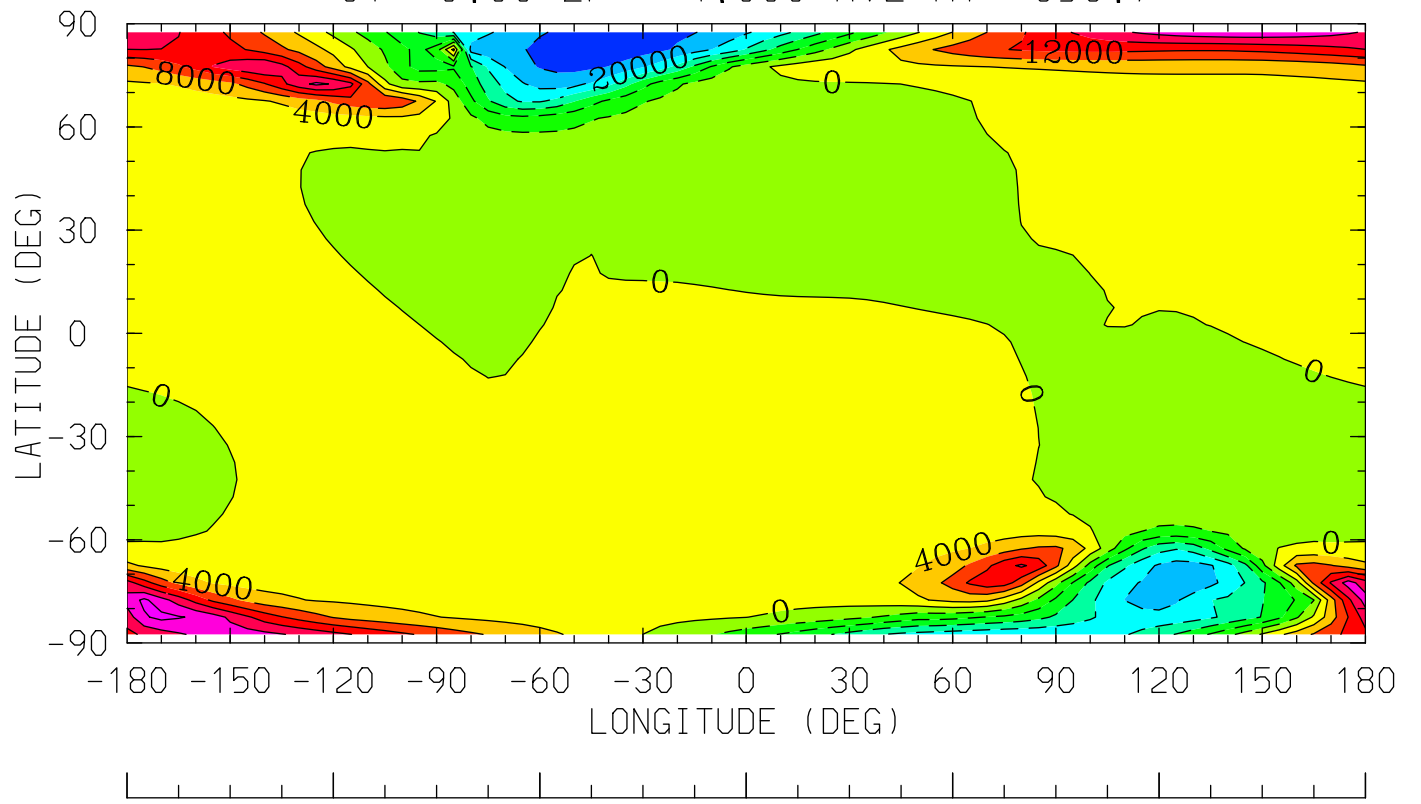
VI\_ExB (cm/s)  
VI: Meridional ExB Velocity  
UT= 0.00 ZP= 2.000 AVE HT= 275.0



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -2.7570E+04 2.5870E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

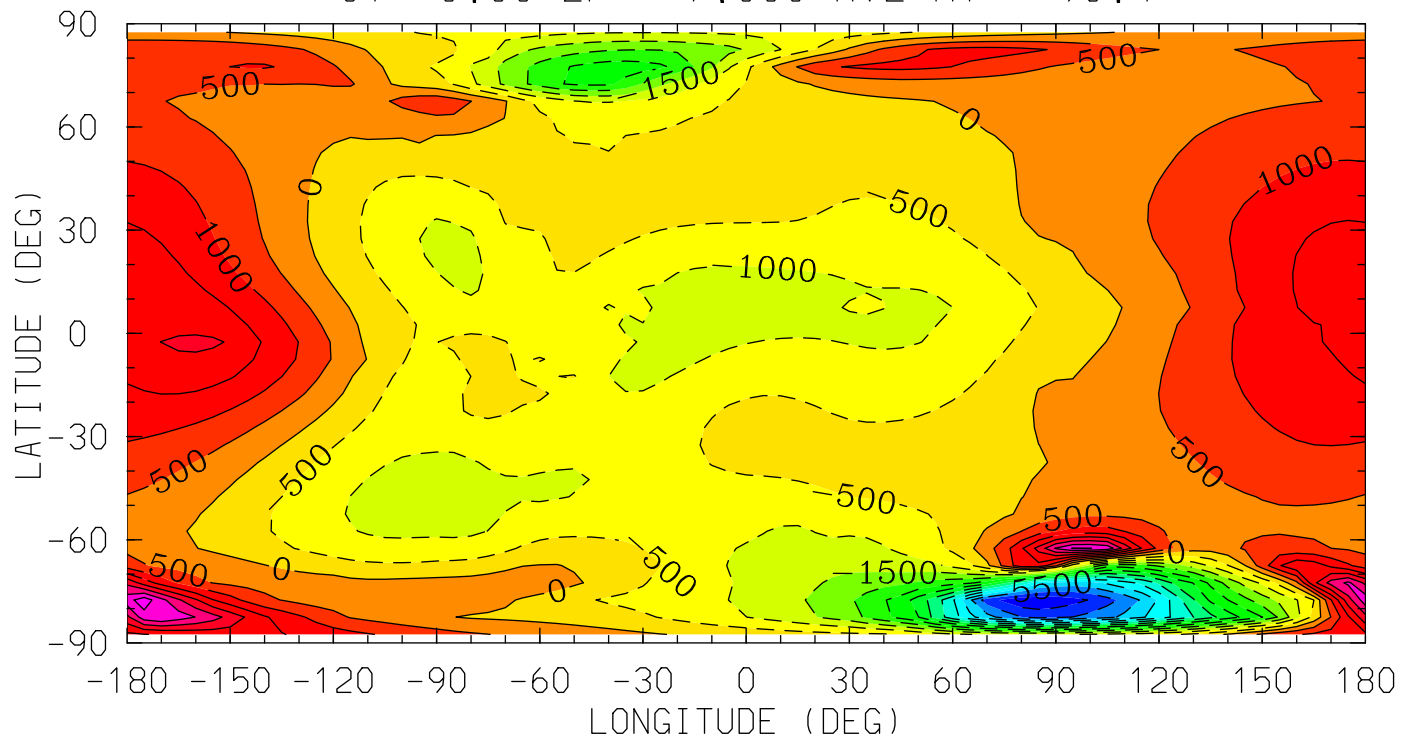
VI\_ExB (cm/s)  
VI: Meridional ExB Velocity  
UT= 0.00 ZP= 4.000 AVE HT= 353.7



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -2.7263E+04 2.5117E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

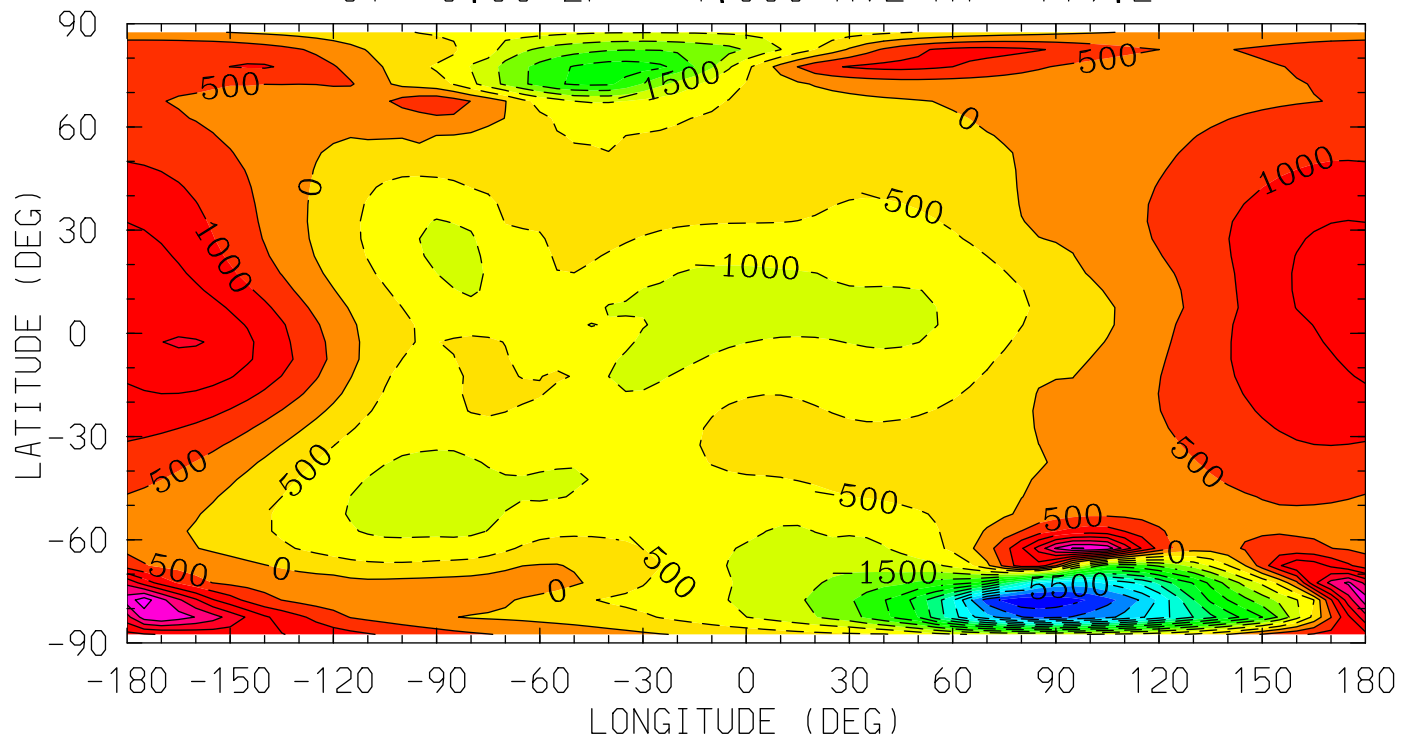
WI\_ExB (cm/s)  
WI: Vertical ExB Velocity  
UT= 0.00 ZP= -7.000 AVE HT= 96.4



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -6.8958E+03 3.7935E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

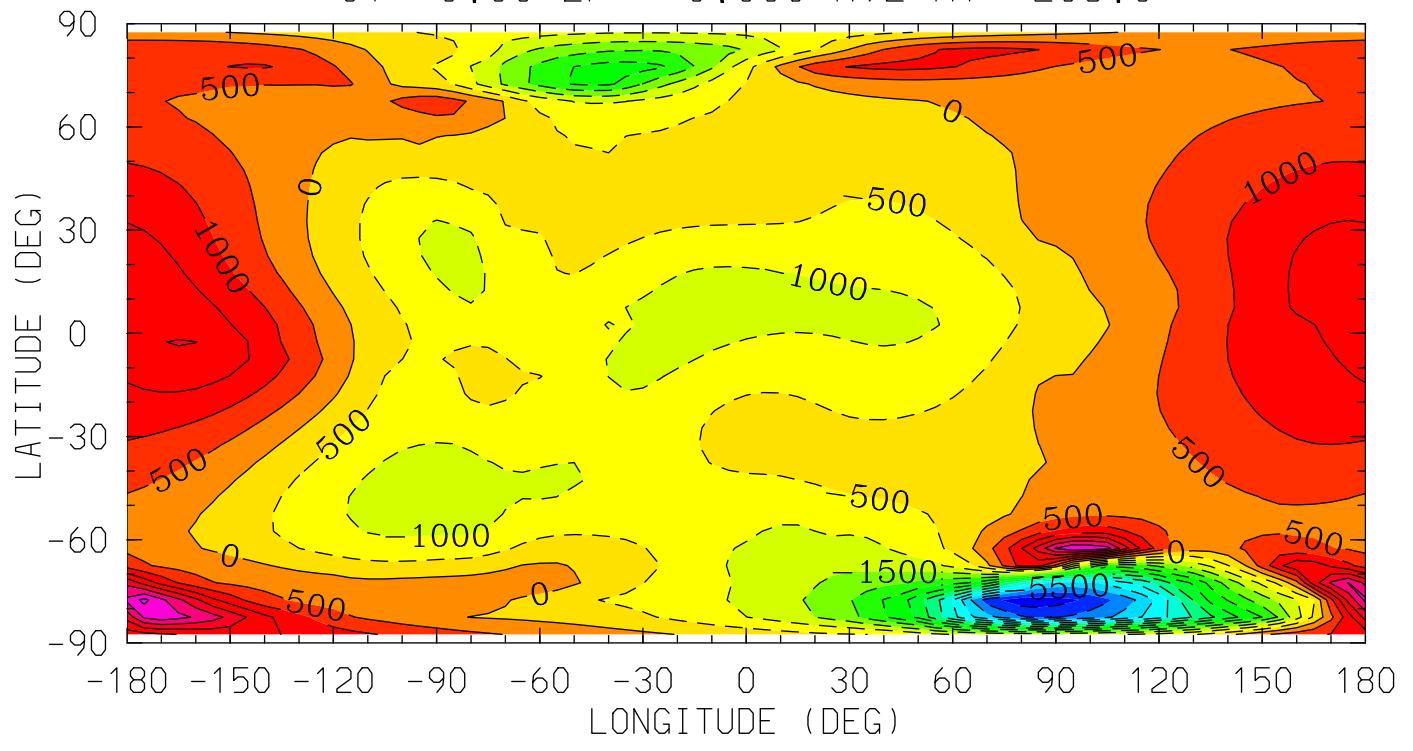
WI\_ExB (cm/s)  
WI: Vertical ExB Velocity  
UT= 0.00 ZP= -4.000 AVE HT= 119.2



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -6.8793E+03 3.7621E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

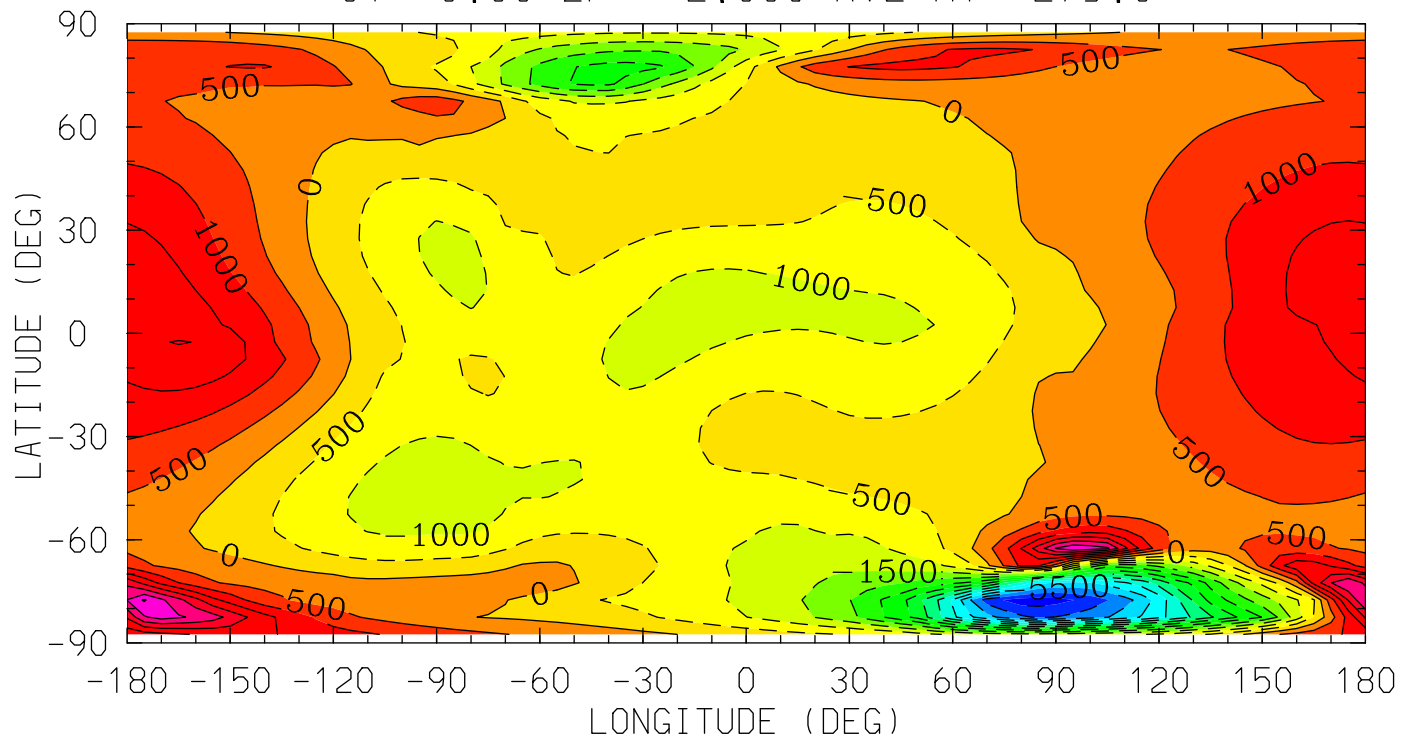
WI\_ExB (cm/s)  
WI: Vertical ExB Velocity  
UT= 0.00 ZP= 0.000 AVE HT= 208.0



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

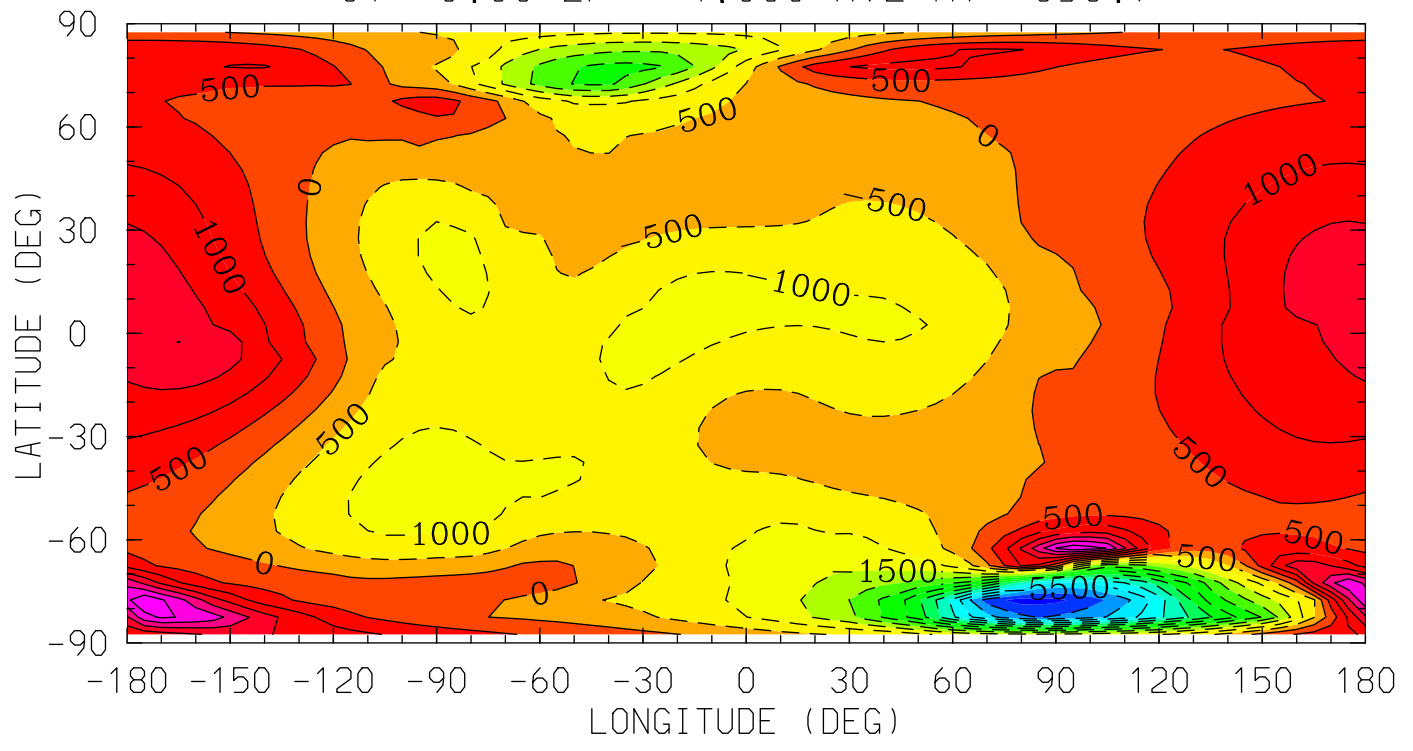
MIN,MAX= -6.8176E+03 3.6439E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

WI\_ExB (cm/s)  
WI: Vertical ExB Velocity  
UT= 0.00 ZP= 2.000 AVE HT= 275.0



MIN,MAX= -6.7720E+03 3.5555E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

WI\_ExB (cm/s)  
WI: Vertical ExB Velocity  
UT= 0.00 ZP= 4.000 AVE HT= 353.7

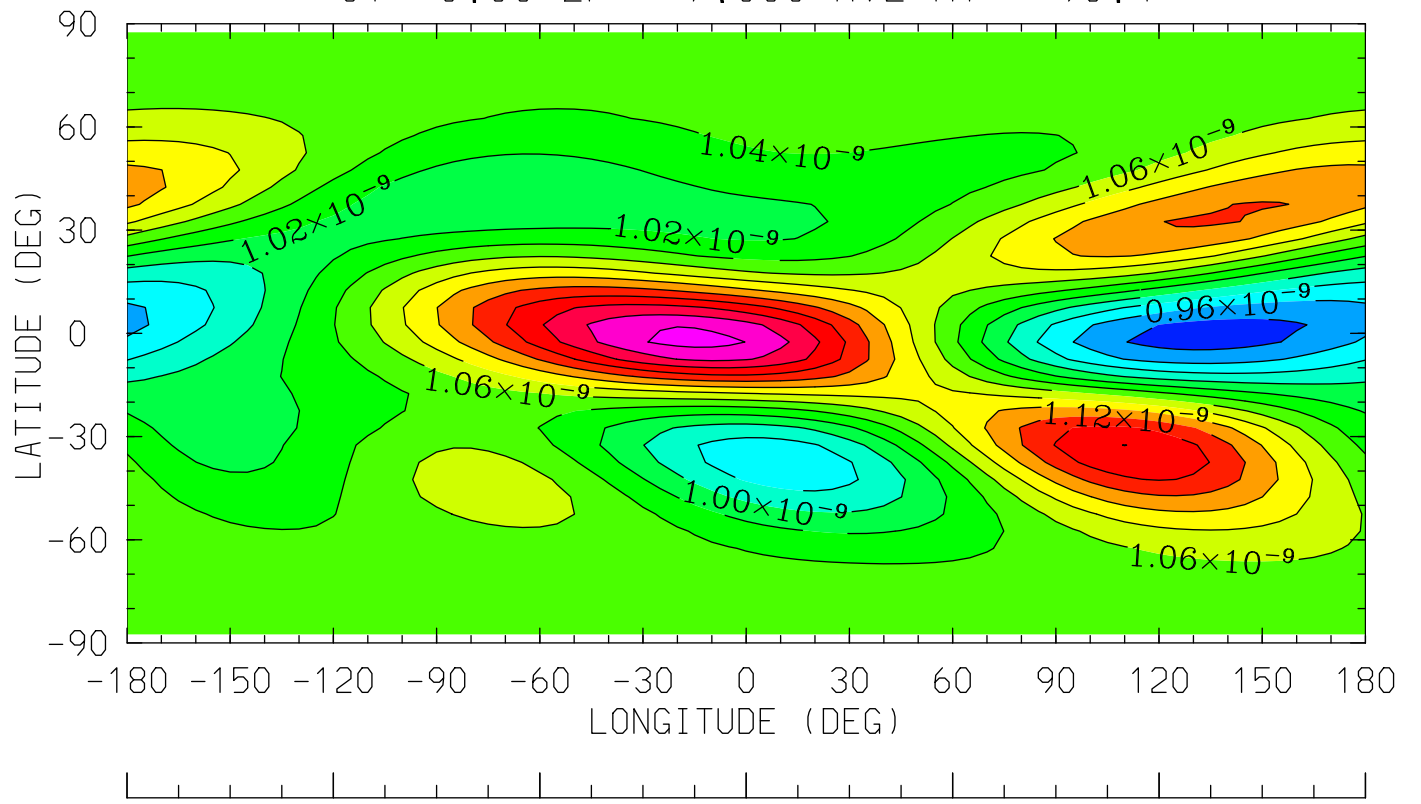


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -6.7183E+03 3.4540E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc



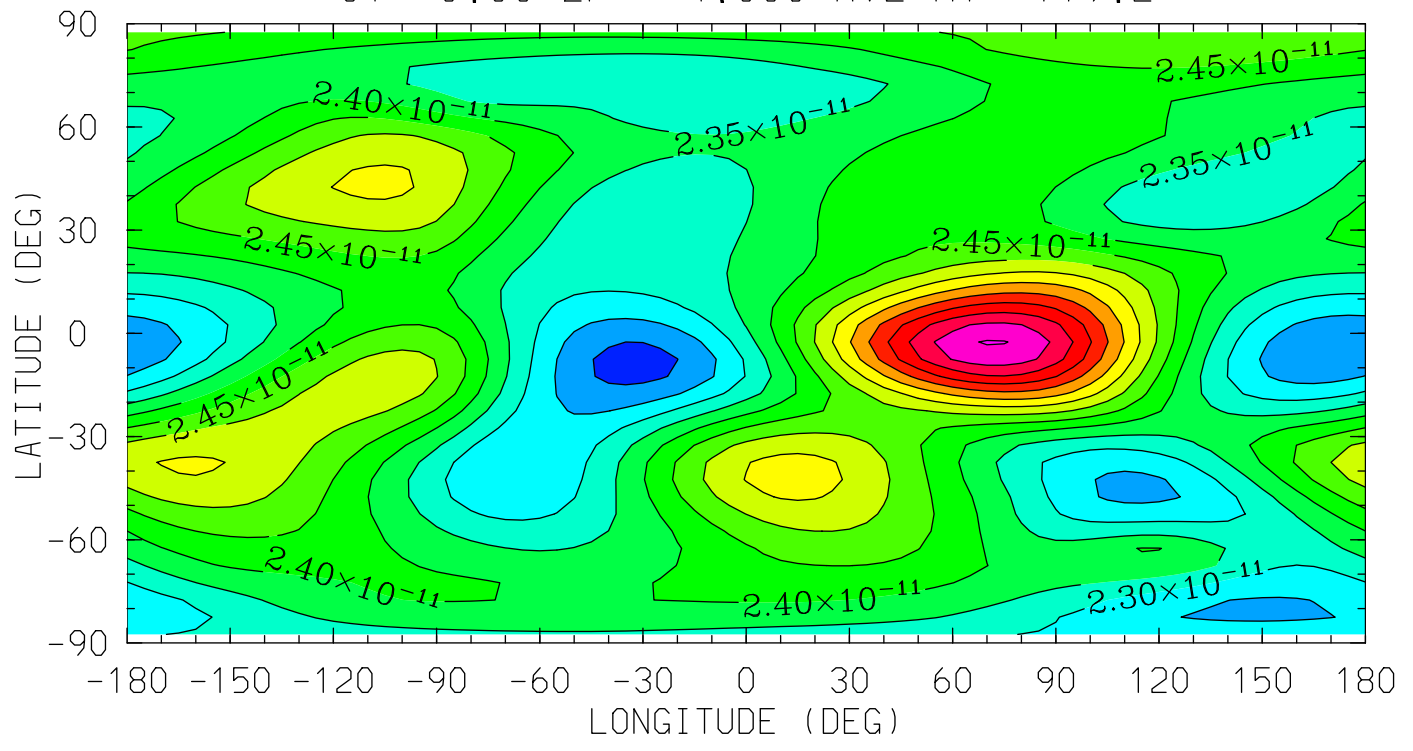
DEN (g/cm<sup>3</sup>)  
Total Density  
UT= 0.00 ZP= -7.000 AVE HT= 96.4



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 9.3074E-10 1.2074E-09 INTERVAL= 2.0000E-11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

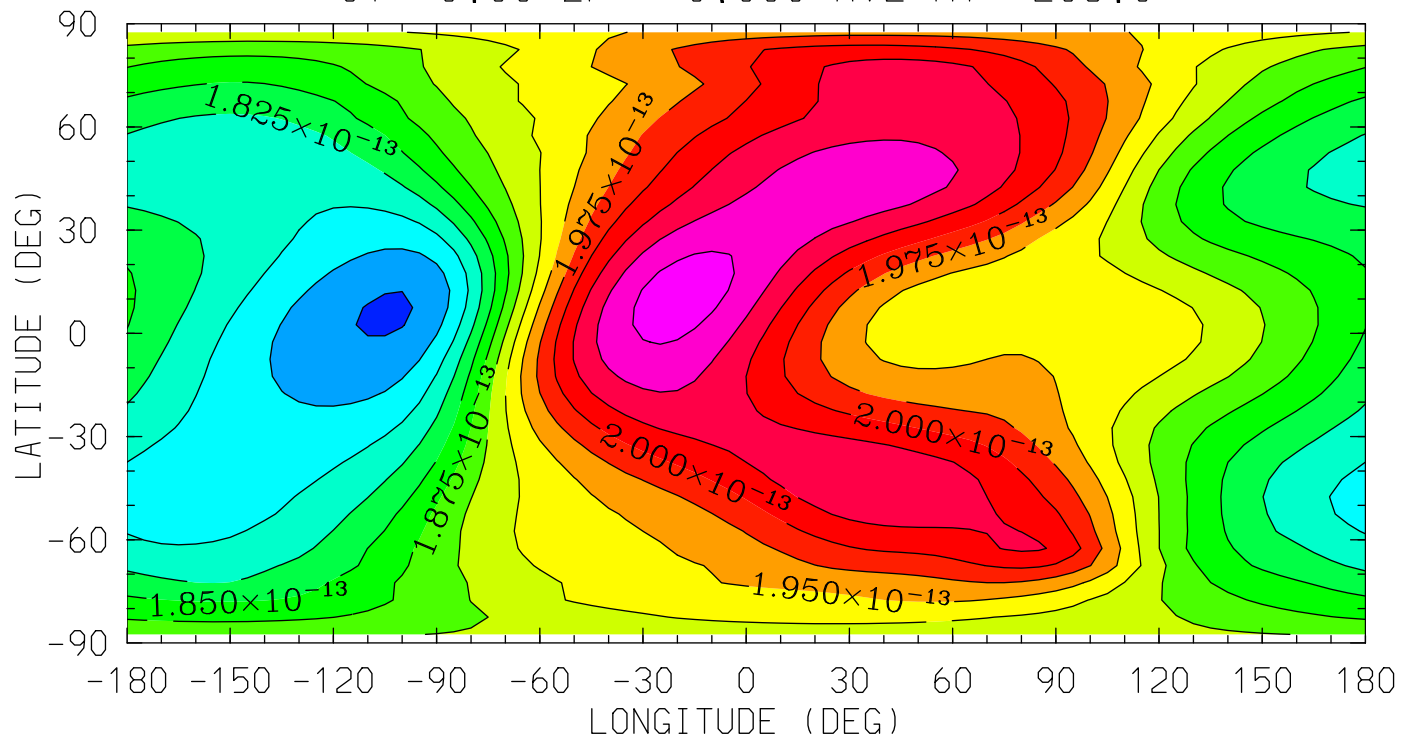
DEN (g/cm<sup>3</sup>)  
Total Density  
UT= 0.00 ZP= -4.000 AVE HT= 119.2



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

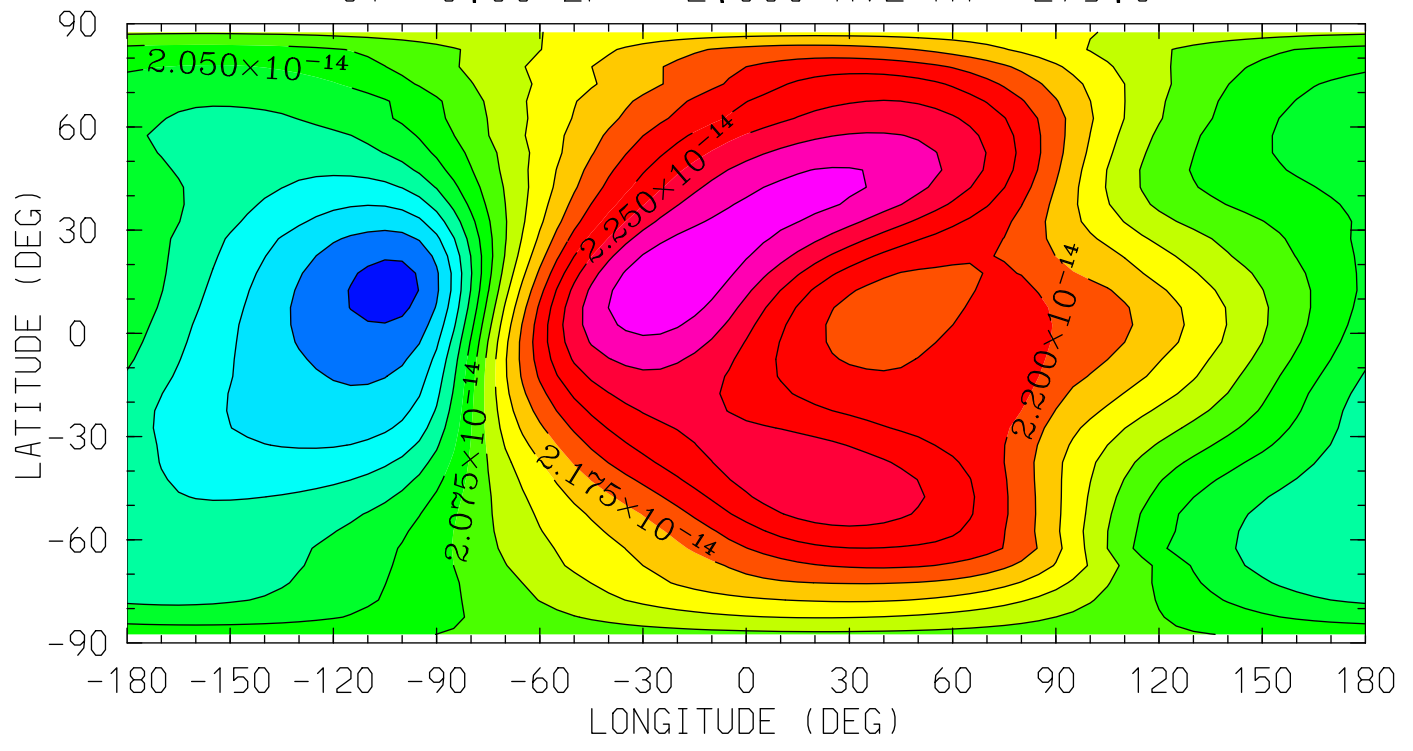
MIN,MAX= 2.1799E-11 2.8539E-11 INTERVAL= 5.0000E-13  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

DEN (g/cm3)  
Total Density  
UT= 0.00 ZP= 0.000 AVE HT= 208.0



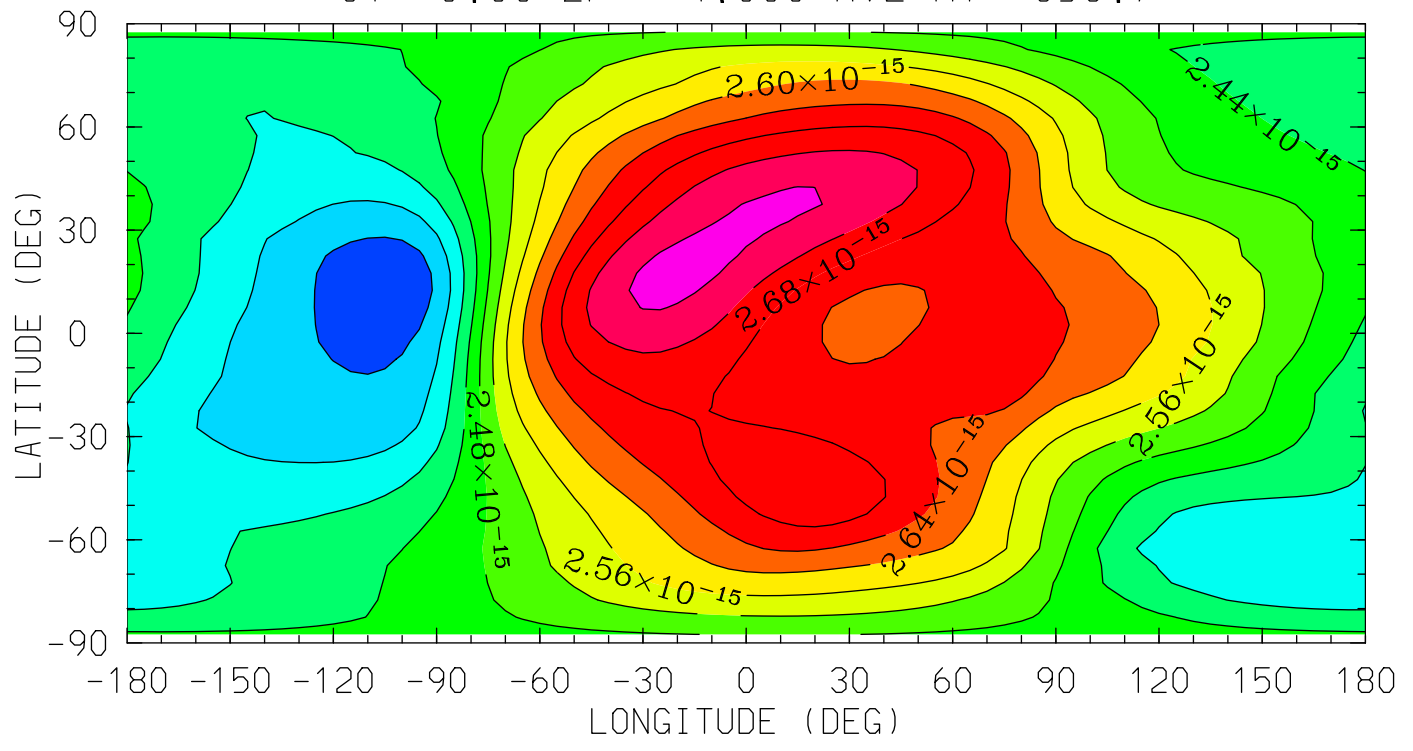
MIN,MAX= 1.7465E-13 2.0873E-13 INTERVAL= 2.5000E-15  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

DEN (g/cm<sup>3</sup>)  
Total Density  
UT= 0.00 ZP= 2.000 AVE HT= 275.0



MIN,MAX= 1.9161E-14 2.3213E-14 INTERVAL= 2.5000E-16  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

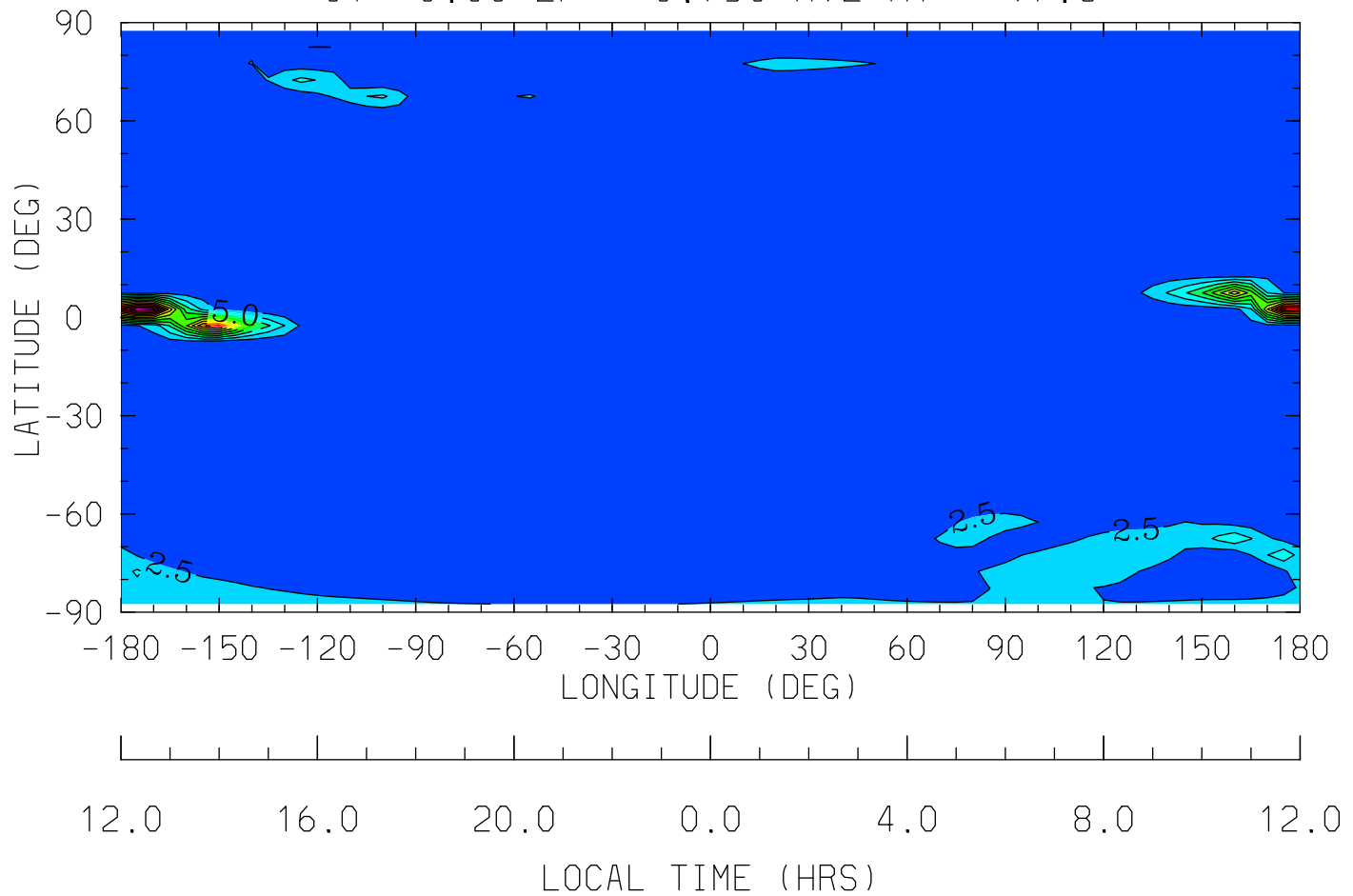
DEN (g/cm<sup>3</sup>)  
Total Density  
UT= 0.00 ZP= 4.000 AVE HT= 353.7



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

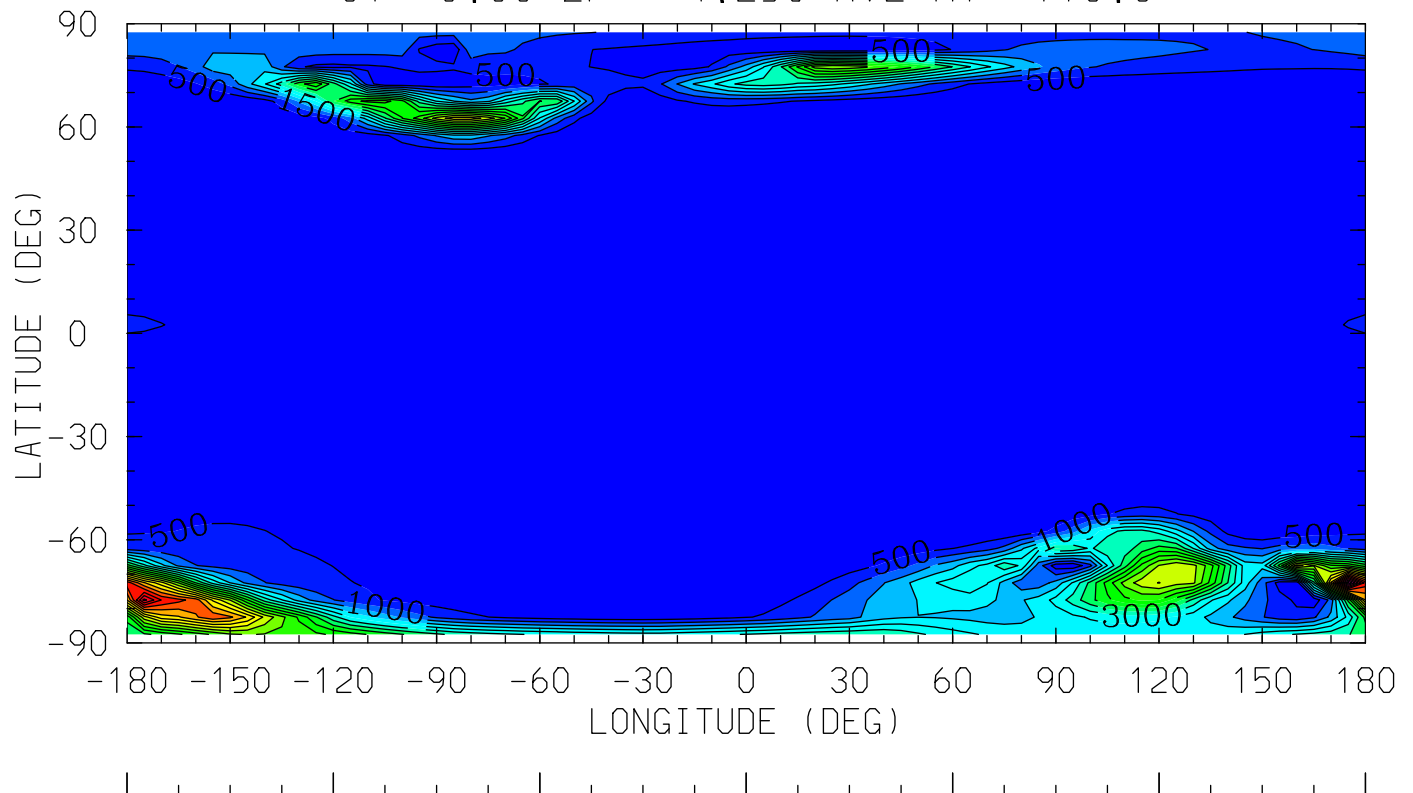
MIN,MAX= 2.2906E-15 2.7733E-15 INTERVAL= 4.0000E-17  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

QJOULE (erg/g/s)  
QJOULE: Joule Heating  
UT= 0.00 ZP= -6.750 AVE HT= 97.8



MIN,MAX= 2.9329E-04 3.2414E+01 INTERVAL= 2.5000E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

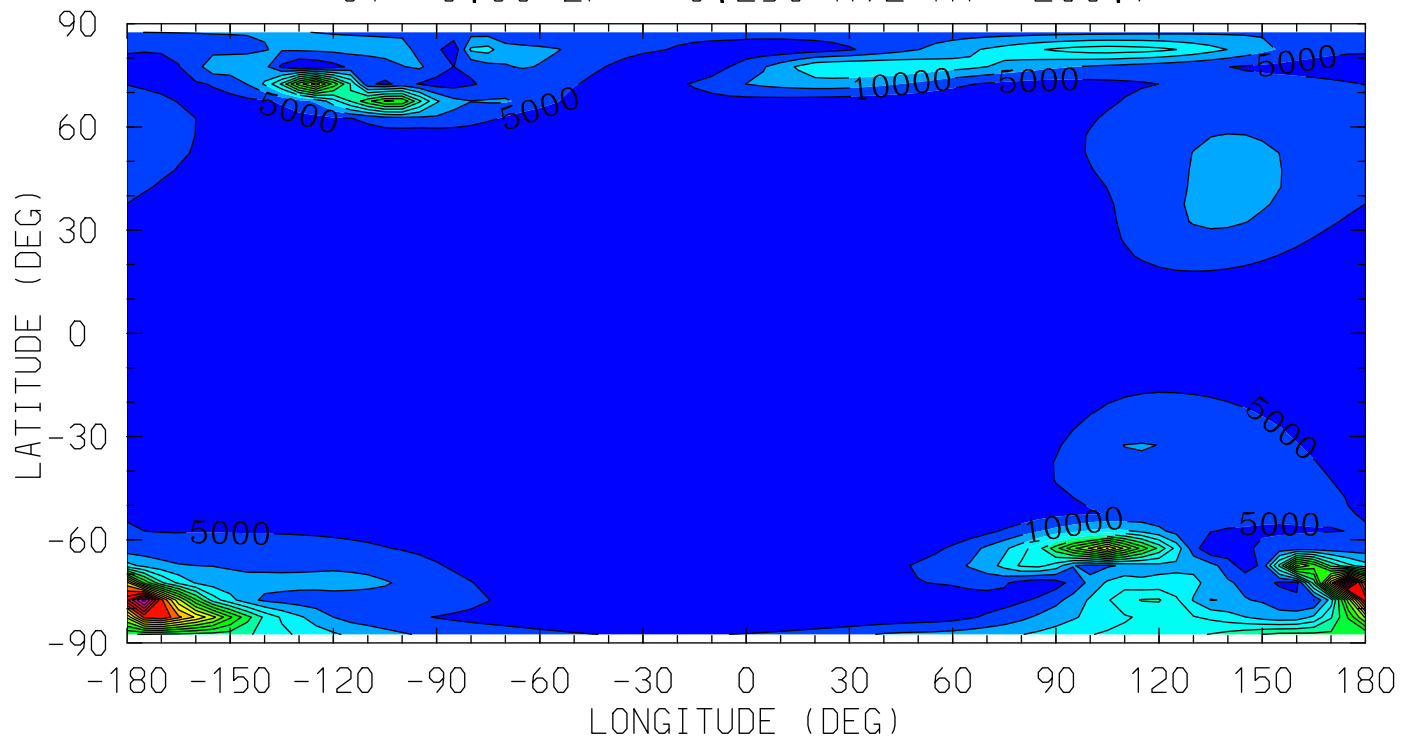
QJOULE (erg/g/s)  
QJOULE: Joule Heating  
UT= 0.00 ZP= -4.250 AVE HT= 116.3



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.4311E-01 1.1574E+04 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

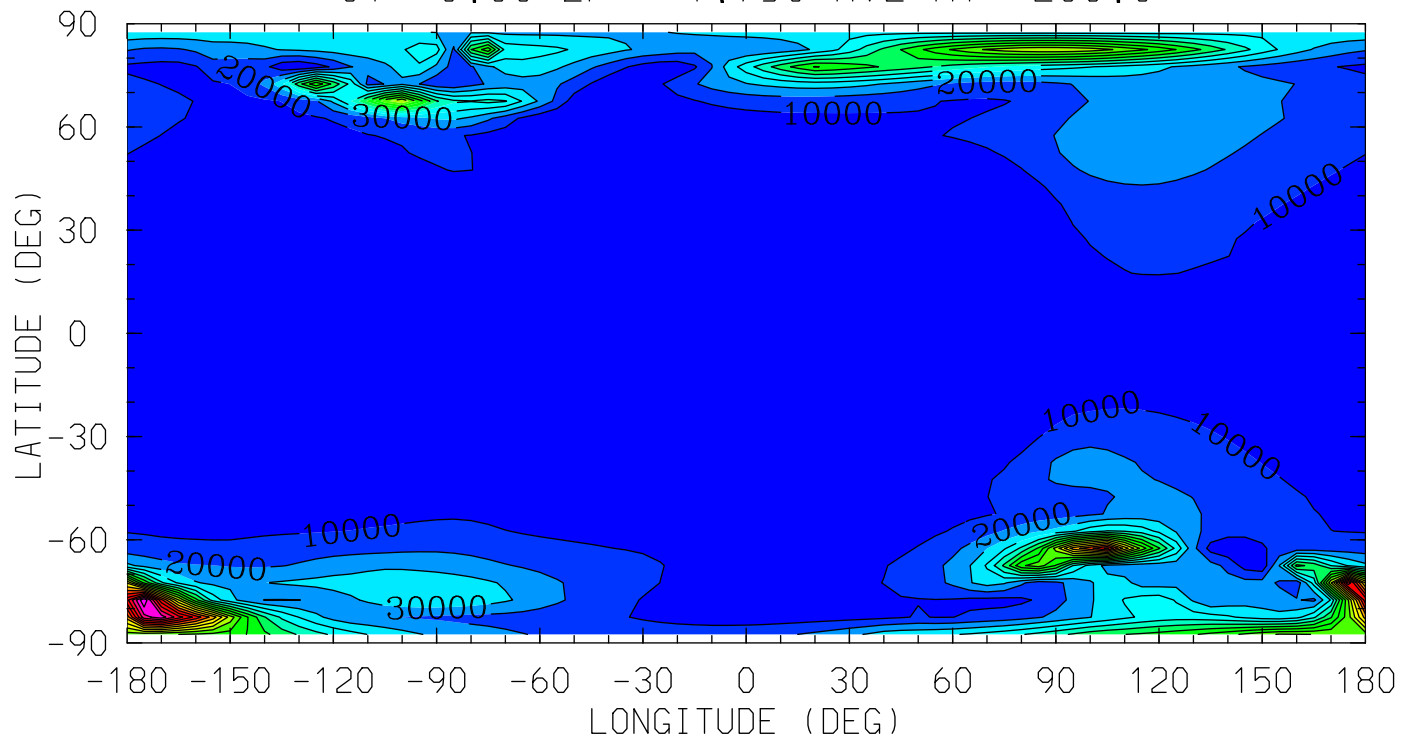
QJOULE (erg/g/s)  
QJOULE: Joule Heating  
UT= 0.00 ZP= -0.250 AVE HT= 200.7



MIN,MAX= 1.0663E+00 9.7764E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc



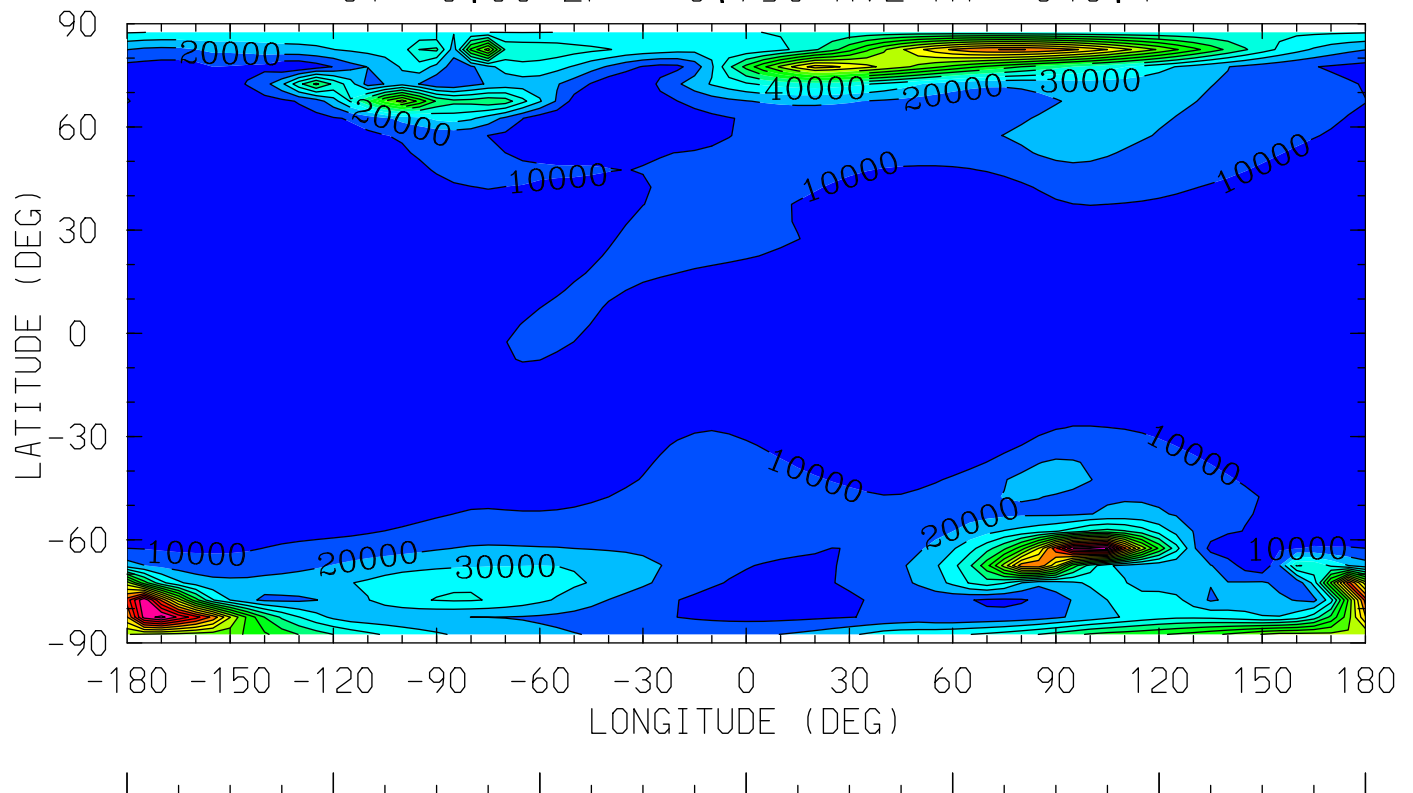
QJOULE (erg/g/s)  
QJOULE: Joule Heating  
UT= 0.00 ZP= 1.750 AVE HT= 266.0



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 8.0695E+01 2.0933E+05 INTERVAL= 1.0000E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

QJOULE (erg/g/s)  
QJOULE: Joule Heating  
UT= 0.00 ZP= 3.750 AVE HT= 343.4



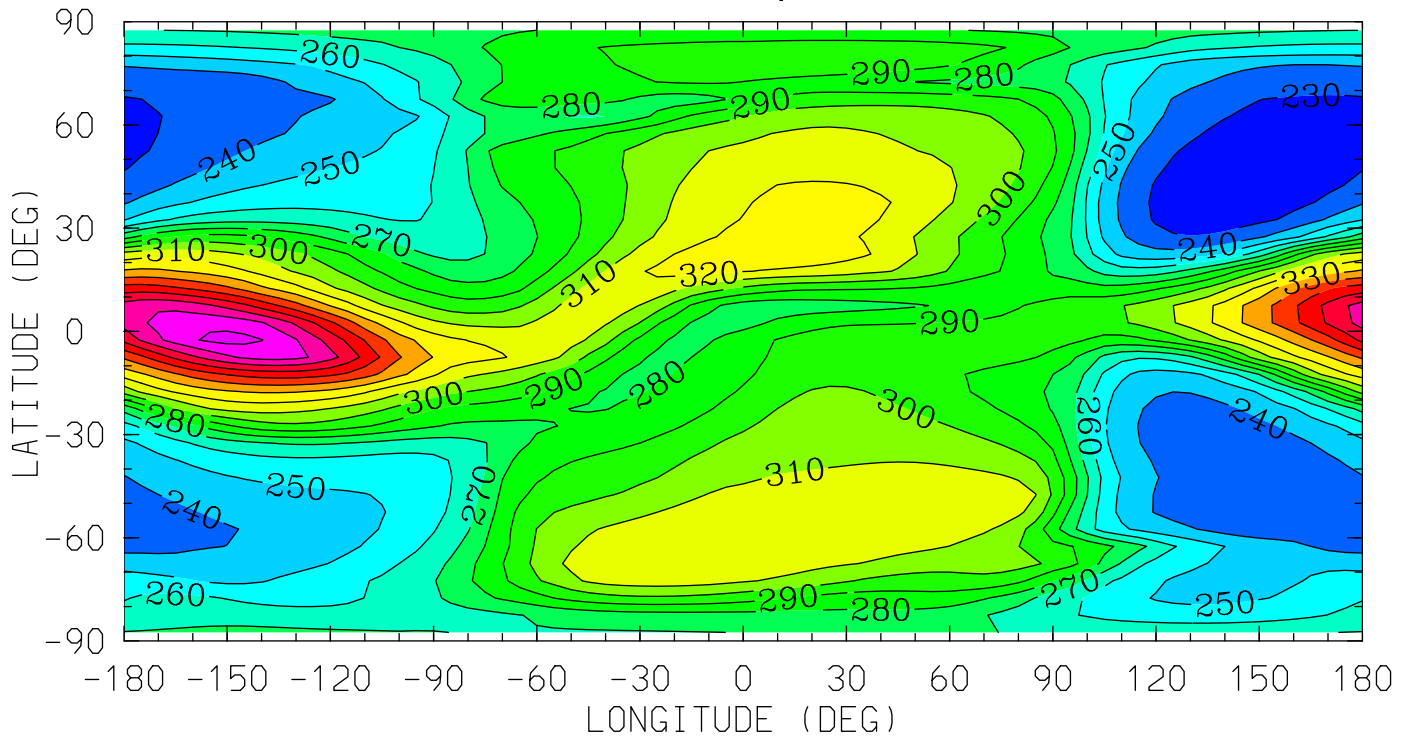
12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.8575E+02 1.8047E+05 INTERVAL= 1.0000E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

HMF2 (KM)

HMF2

UT= 0.00

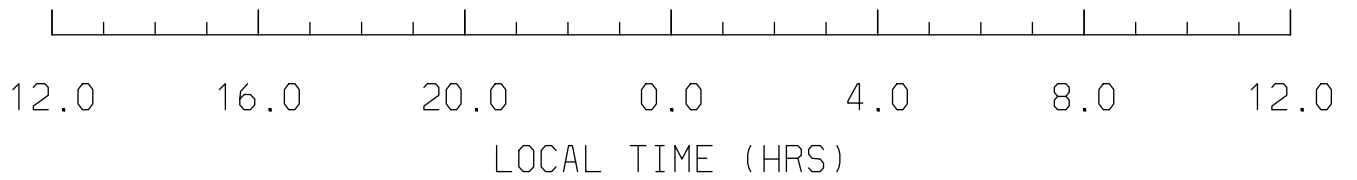
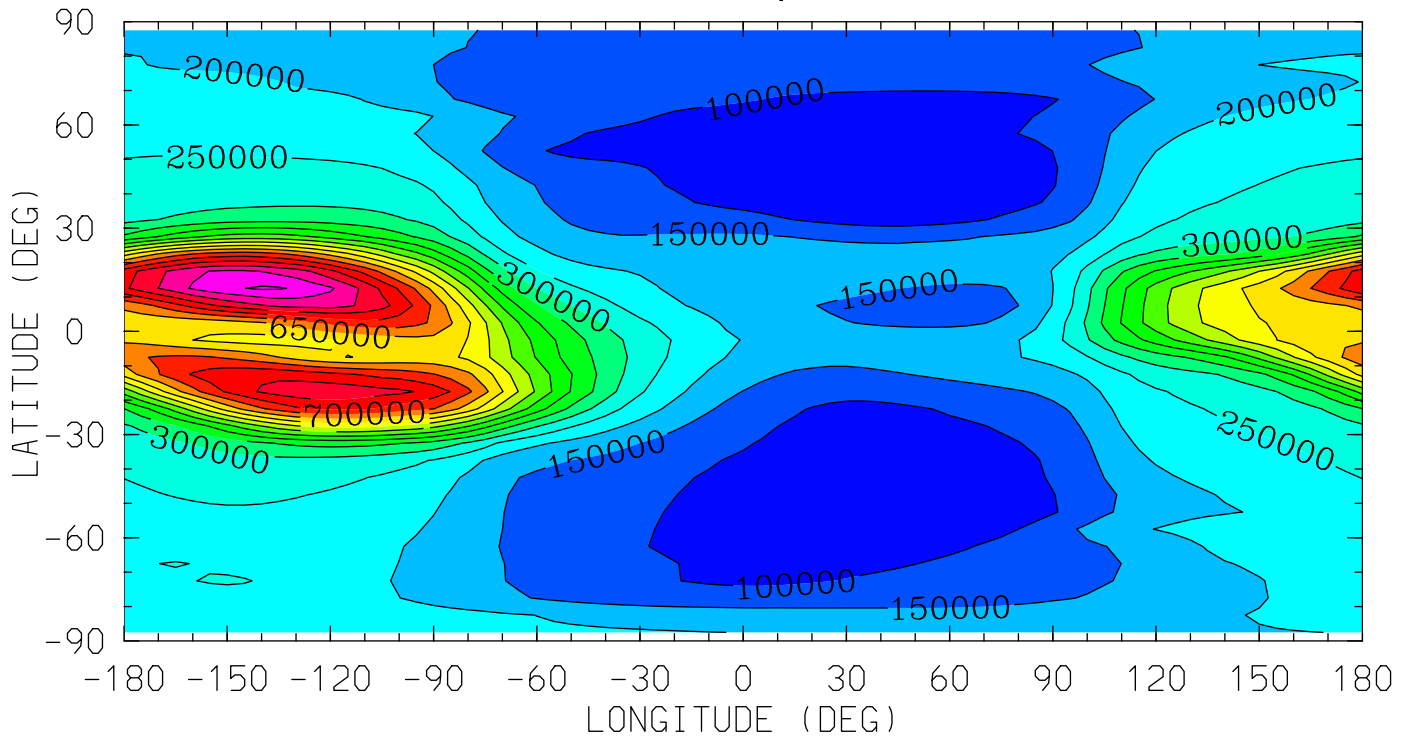


MIN,MAX= 2.2289E+02 3.9332E+02 INTERVAL= 1.0000E+01

tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)

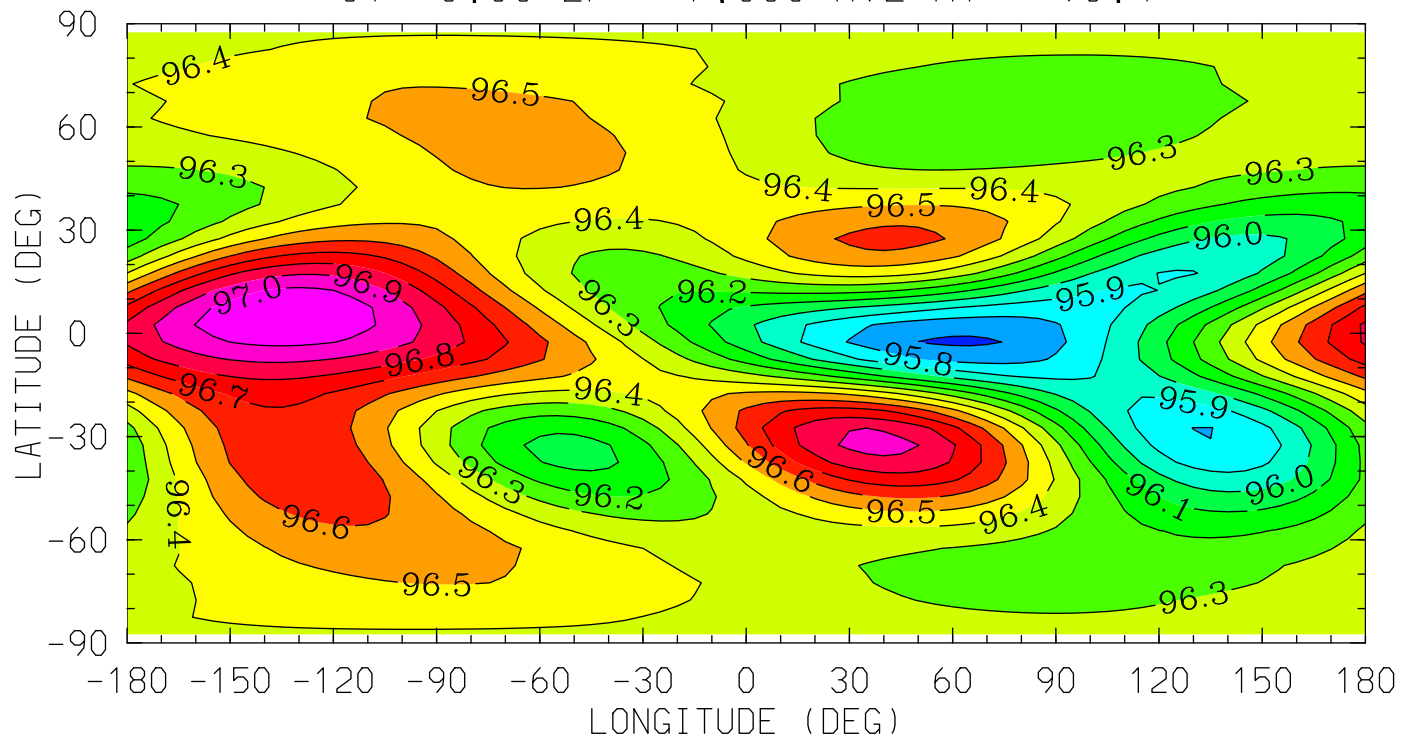
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NMF2 ( )  
NMF2  
UT= 0.00



MIN,MAX= 6.8455E+04 9.5787E+05 INTERVAL= 5.0000E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

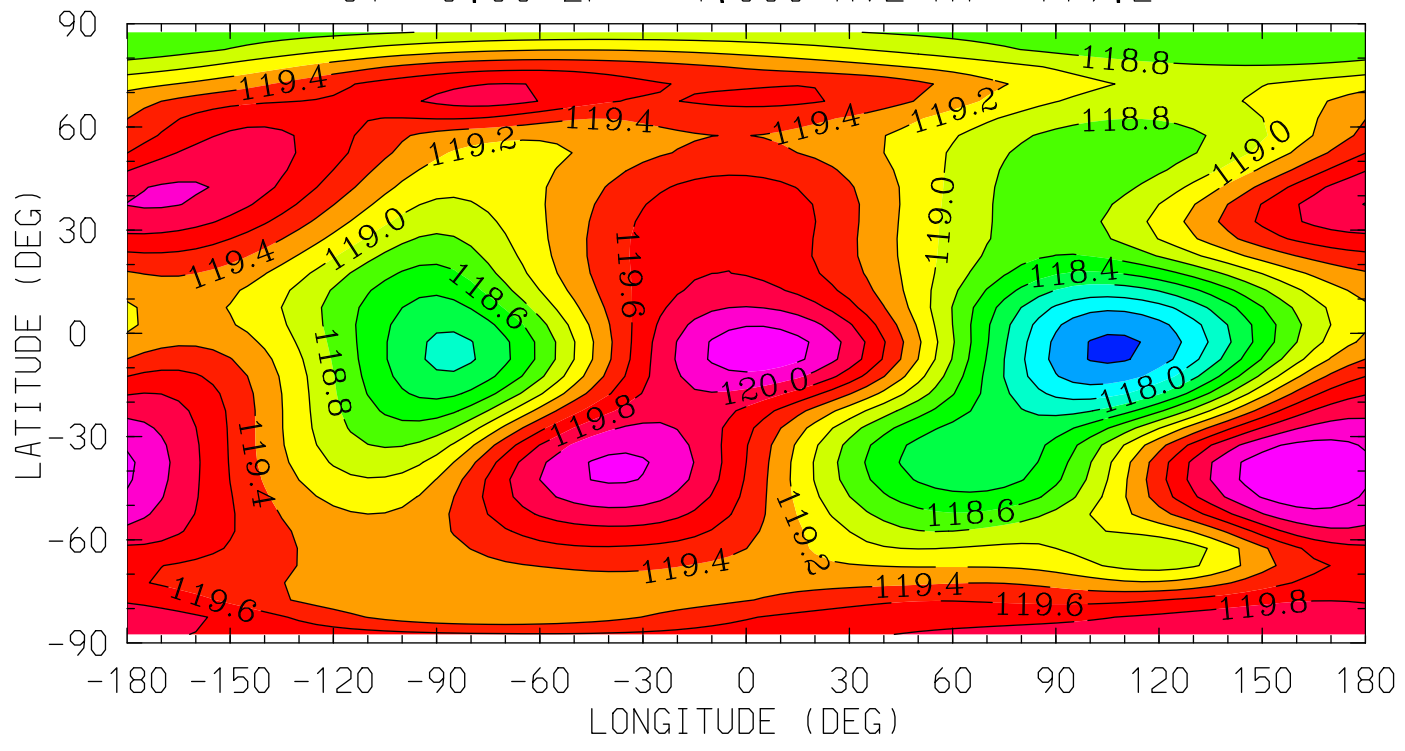
Z (KM)  
GEOPOTENTIAL HEIGHT  
UT= 0.00 ZP= -7.000 AVE HT= 96.4



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

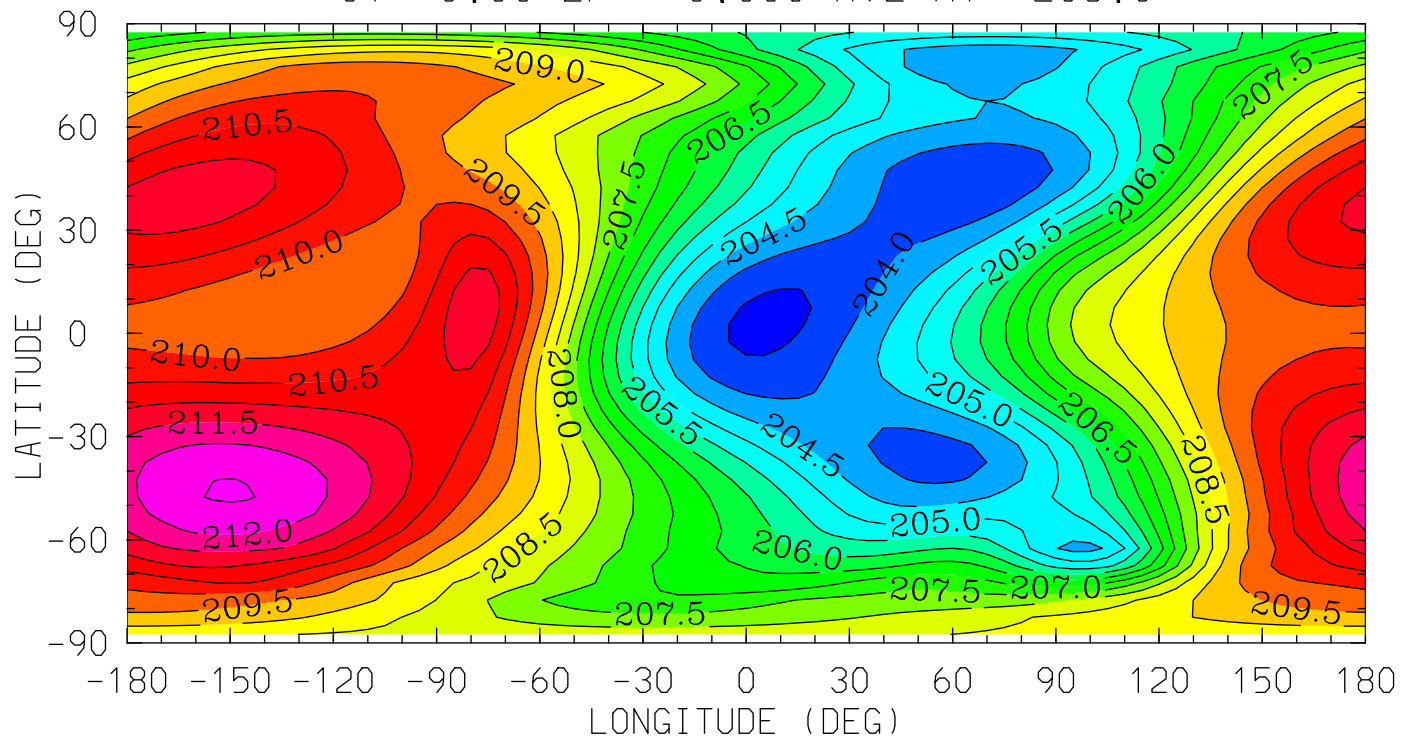
MIN,MAX= 9.5682E+01 9.7092E+01 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

Z (KM)  
GEOPOTENTIAL HEIGHT  
UT= 0.00 ZP= -4.000 AVE HT= 119.2



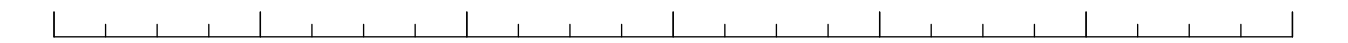
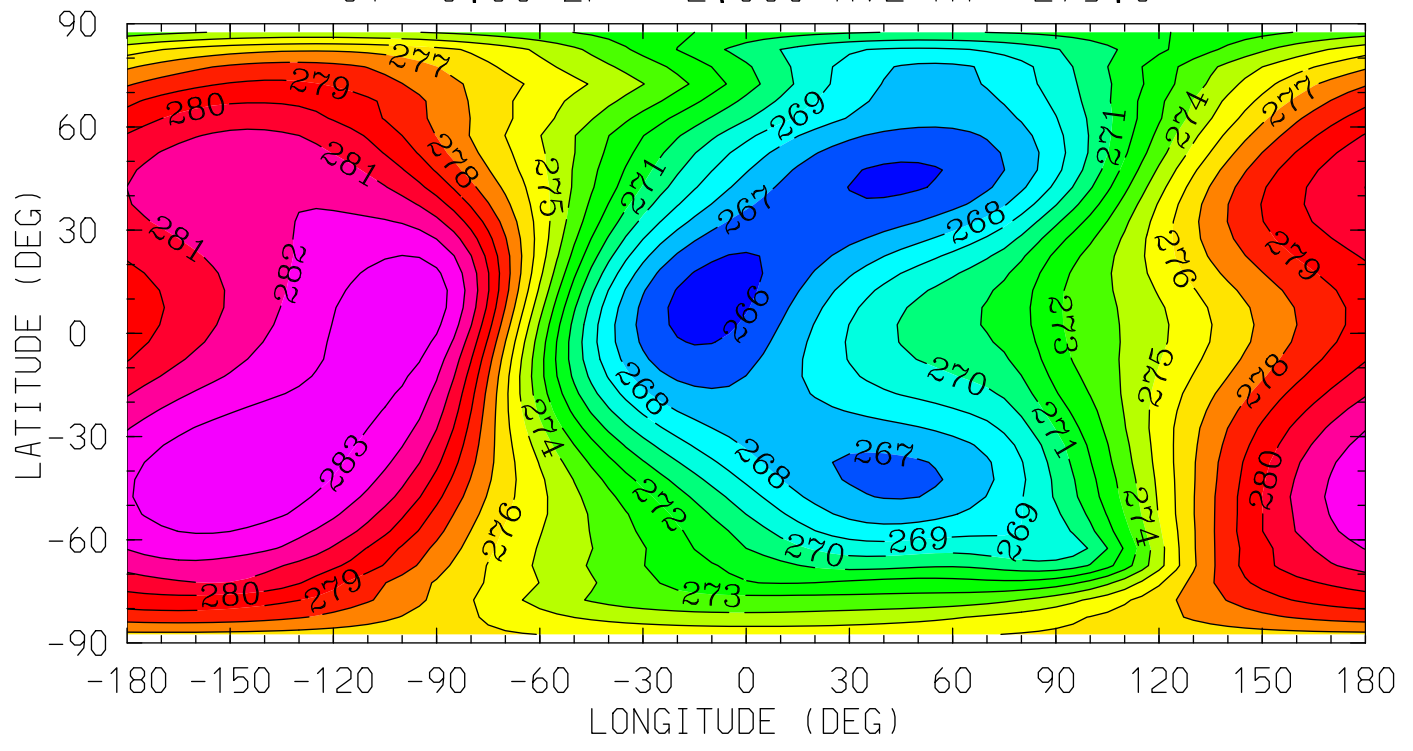
MIN,MAX= 1.1756E+02 1.2039E+02 INTERVAL= 2.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

Z (KM)  
GEOPOTENTIAL HEIGHT  
UT= 0.00 ZP= 0.000 AVE HT= 208.0



MIN,MAX= 2.0335E+02 2.1254E+02 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

Z (KM)  
GEOPOTENTIAL HEIGHT  
UT= 0.00 ZP= 2.000 AVE HT= 275.0

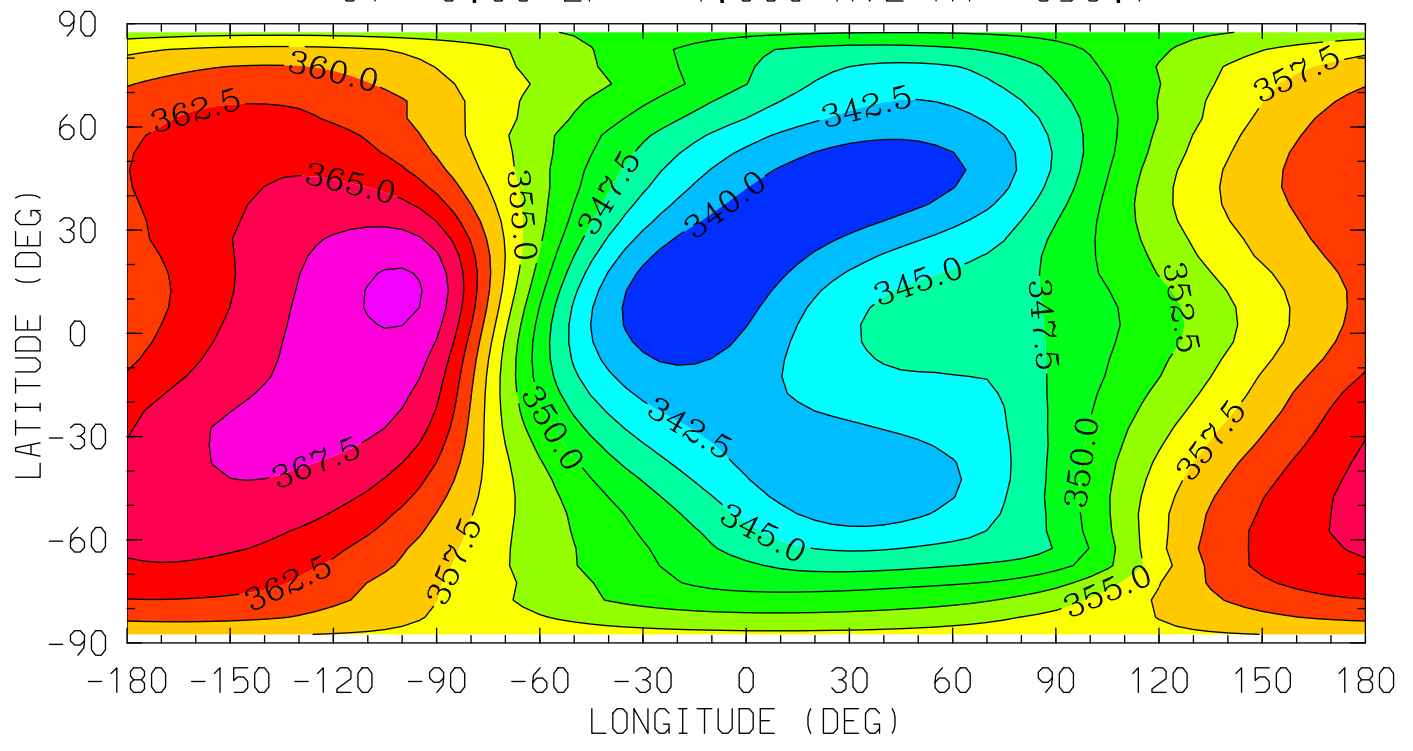


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 2.6554E+02 2.8387E+02 INTERVAL= 1.0000E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

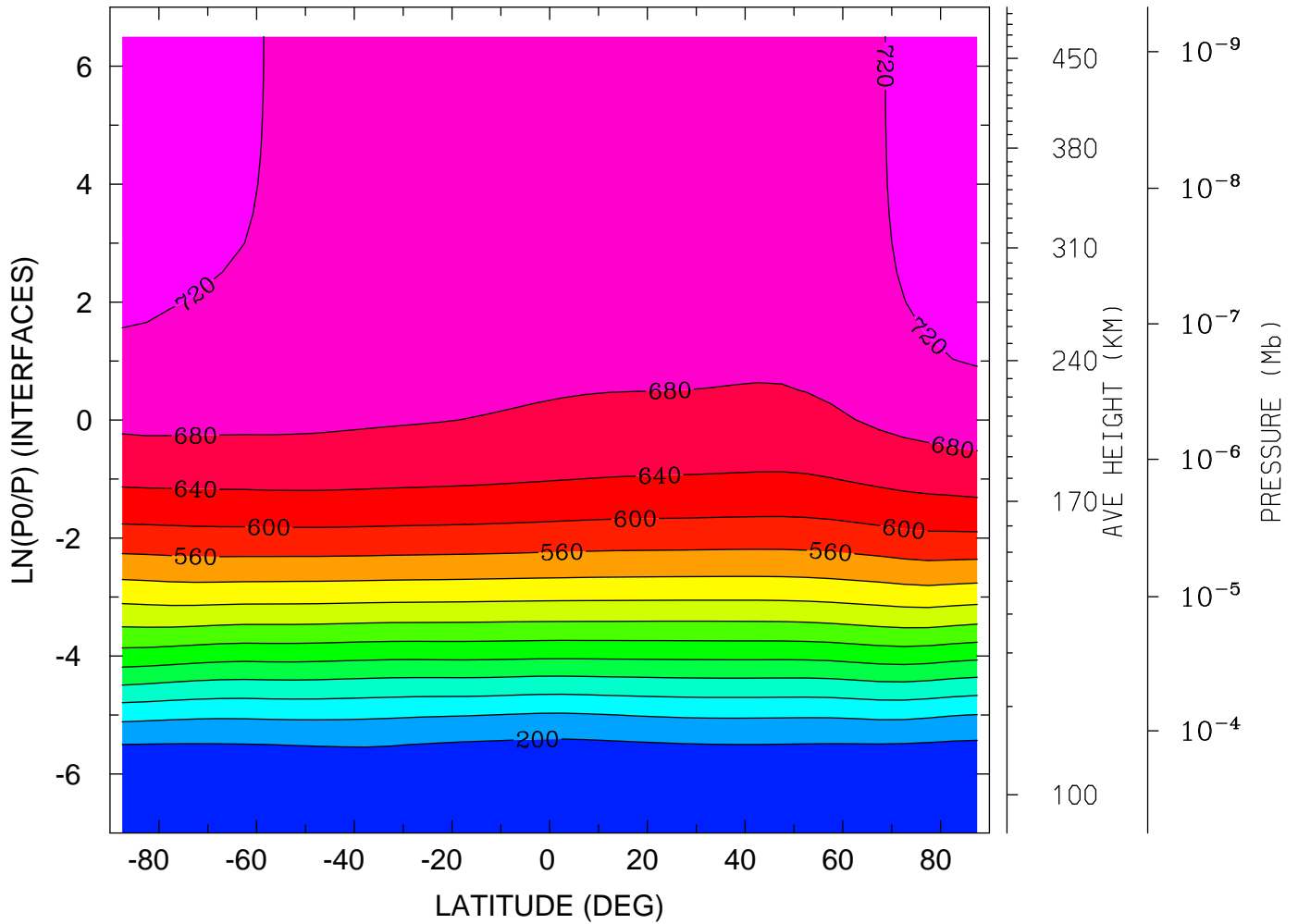


Z (KM)  
GEOPOTENTIAL HEIGHT  
UT= 0.00 ZP= 4.000 AVE HT= 353.7



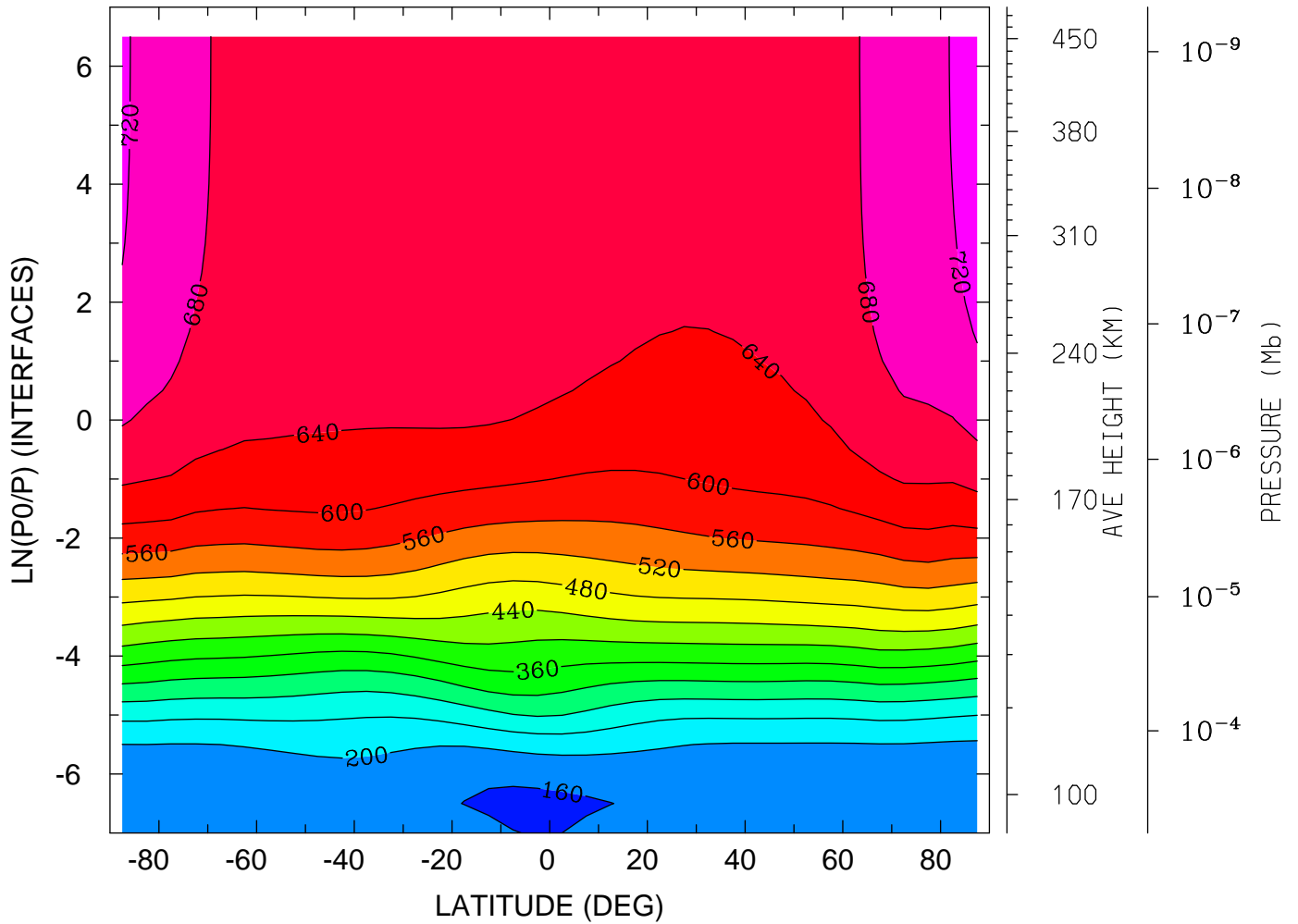
MIN,MAX= 3.3767E+02 3.7057E+02 INTERVAL= 2.5000E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
YEAR 2002 UT= 0.00 ZONAL MEANS



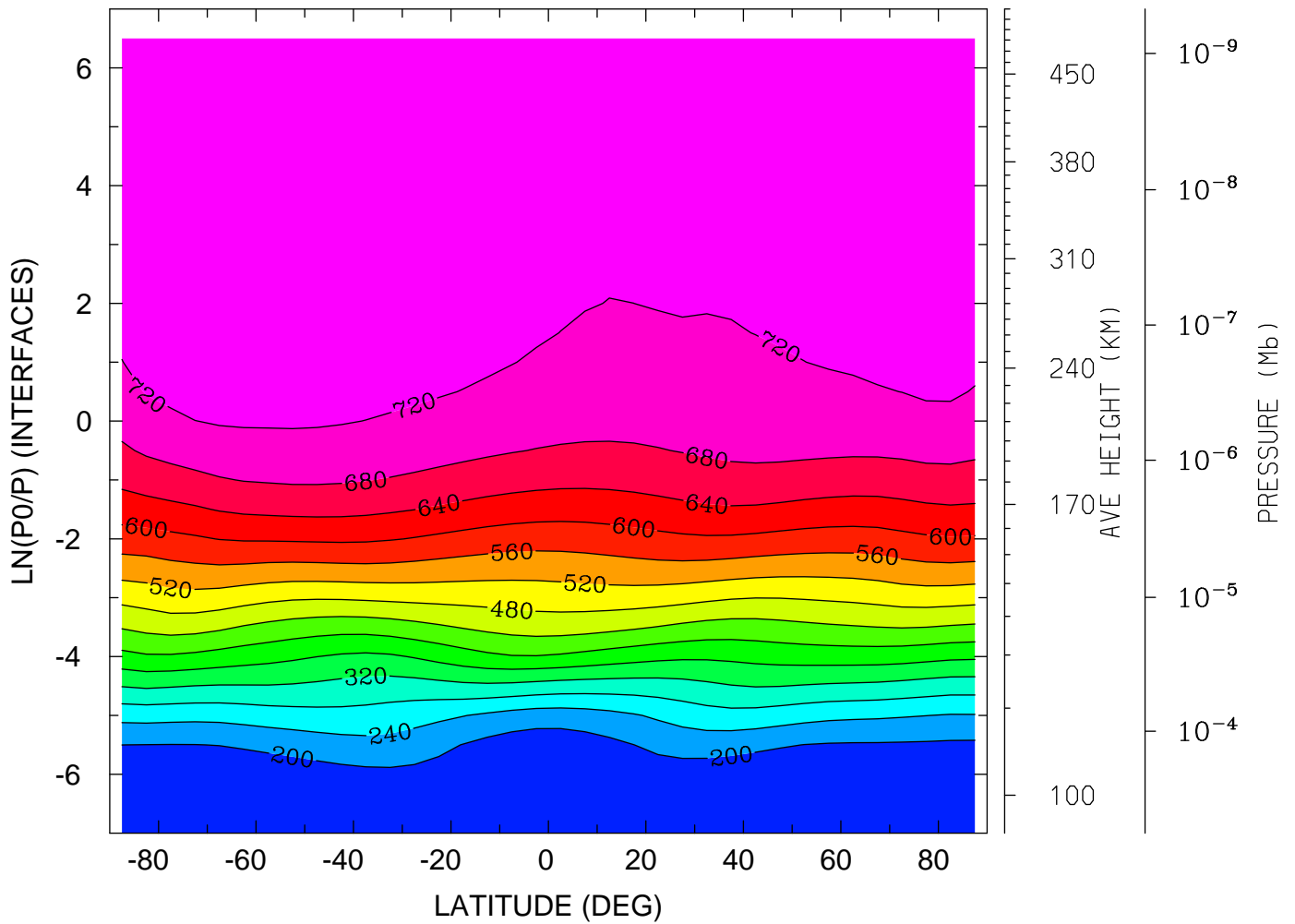
MIN,MAX= 1.6465E+02 7.4110E+02 INTERVAL= 4.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

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



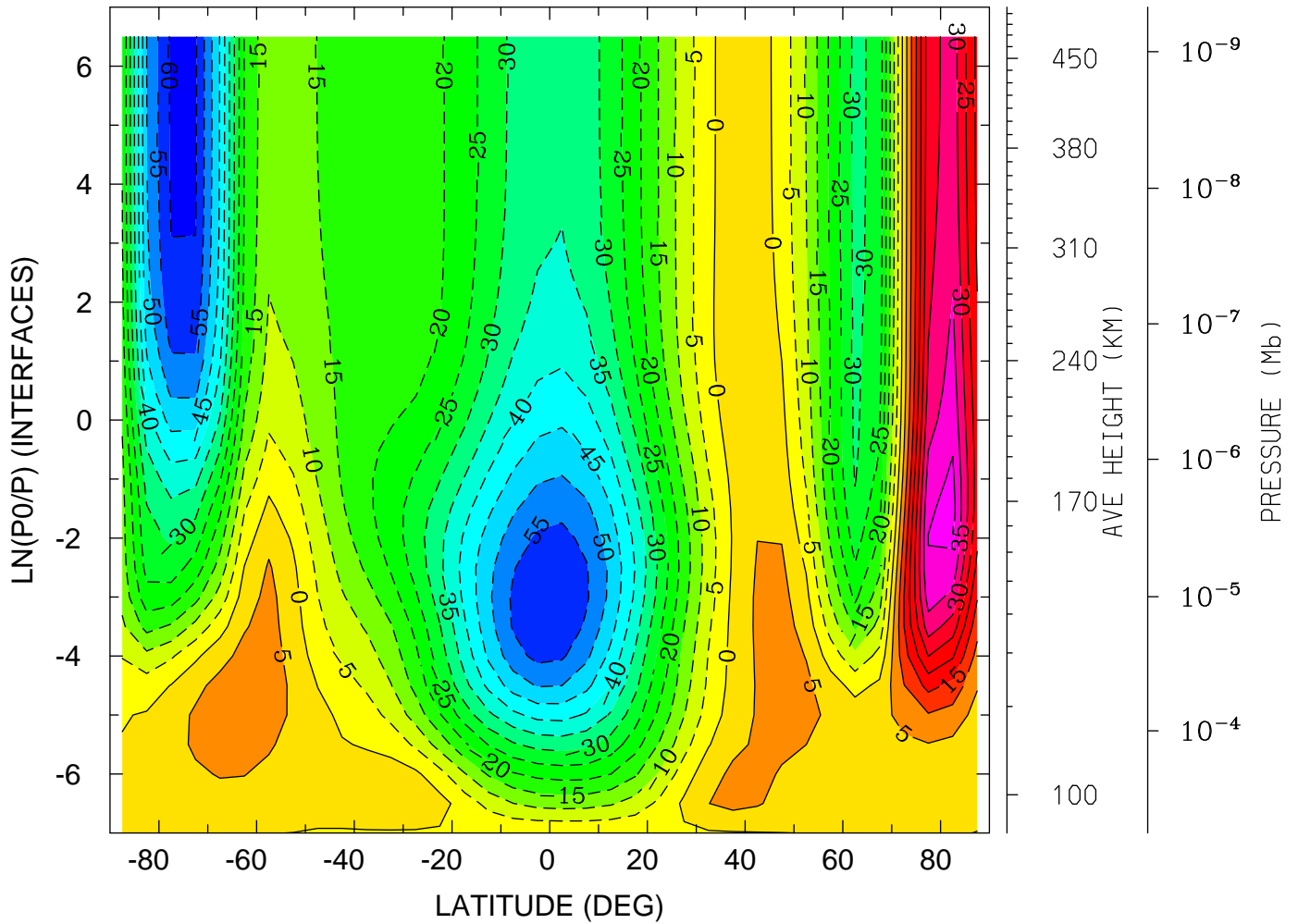
MIN,MAX= 1.5232E+02 7.3691E+02 INTERVAL= 4.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

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



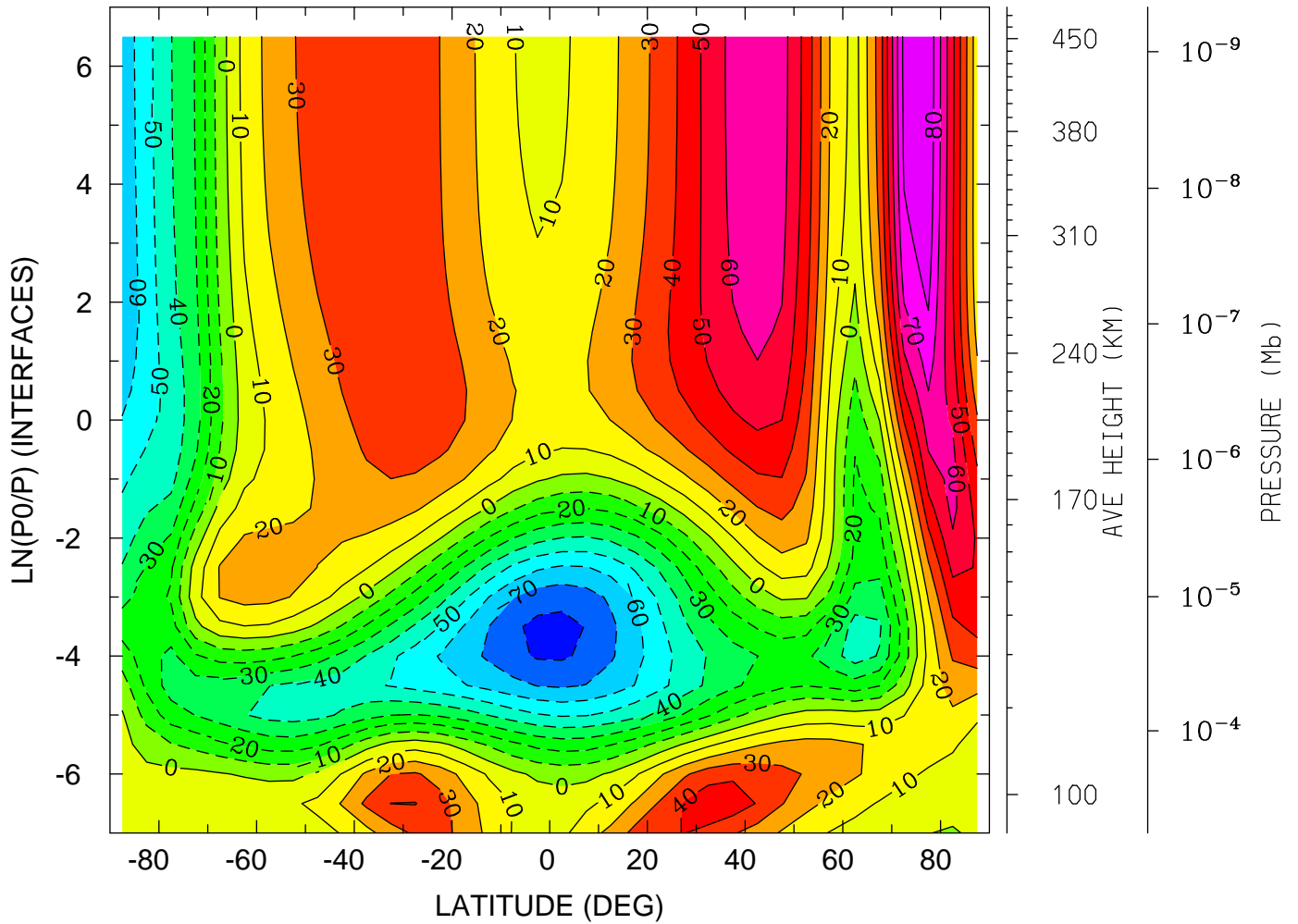
MIN,MAX= 1.6183E+02 7.5574E+02 INTERVAL= 4.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
YEAR 2002 UT= 0.00 ZONAL MEANS



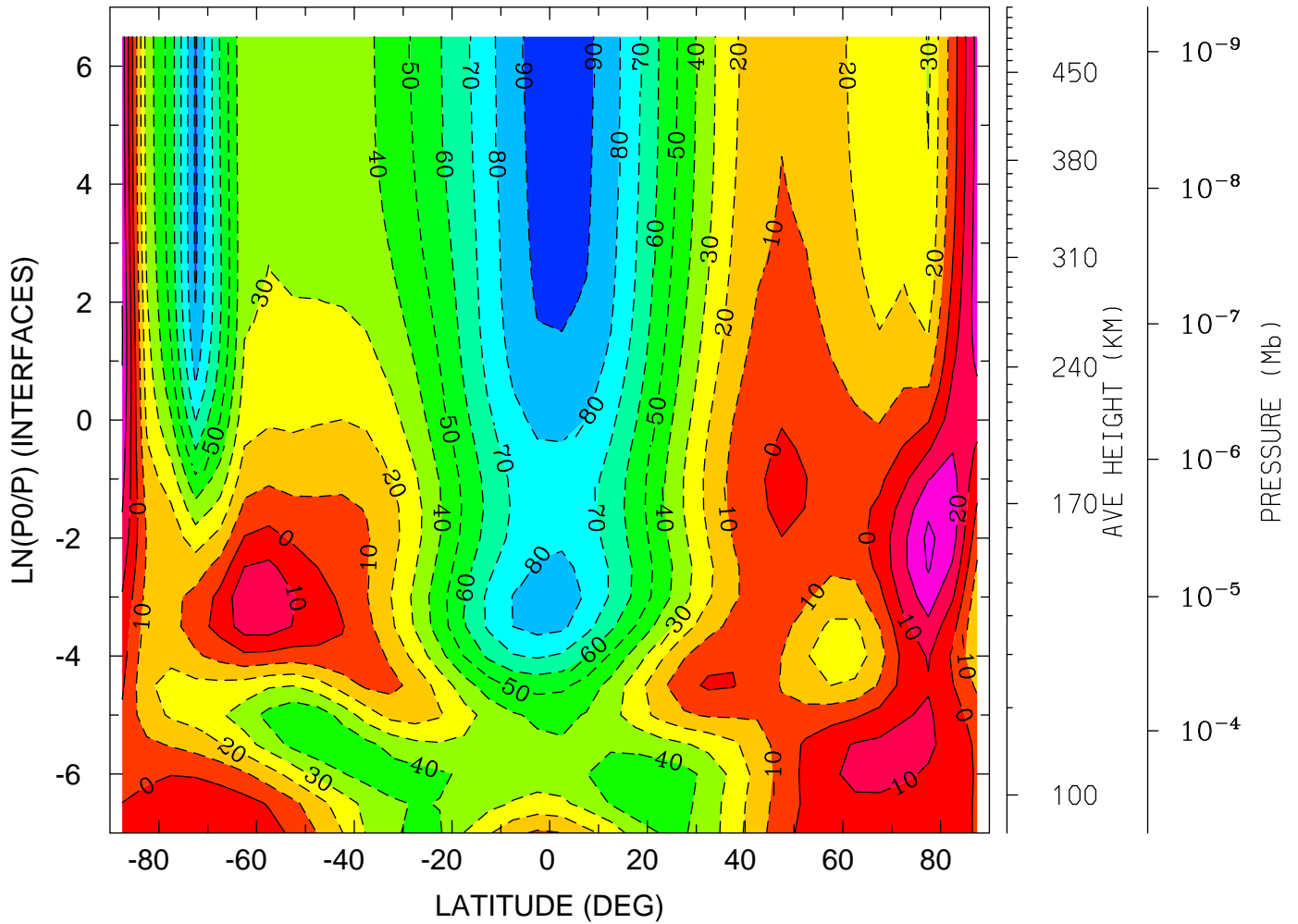
MIN,MAX= -6.0776E+01 4.1786E+01 INTERVAL= 5.0000E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



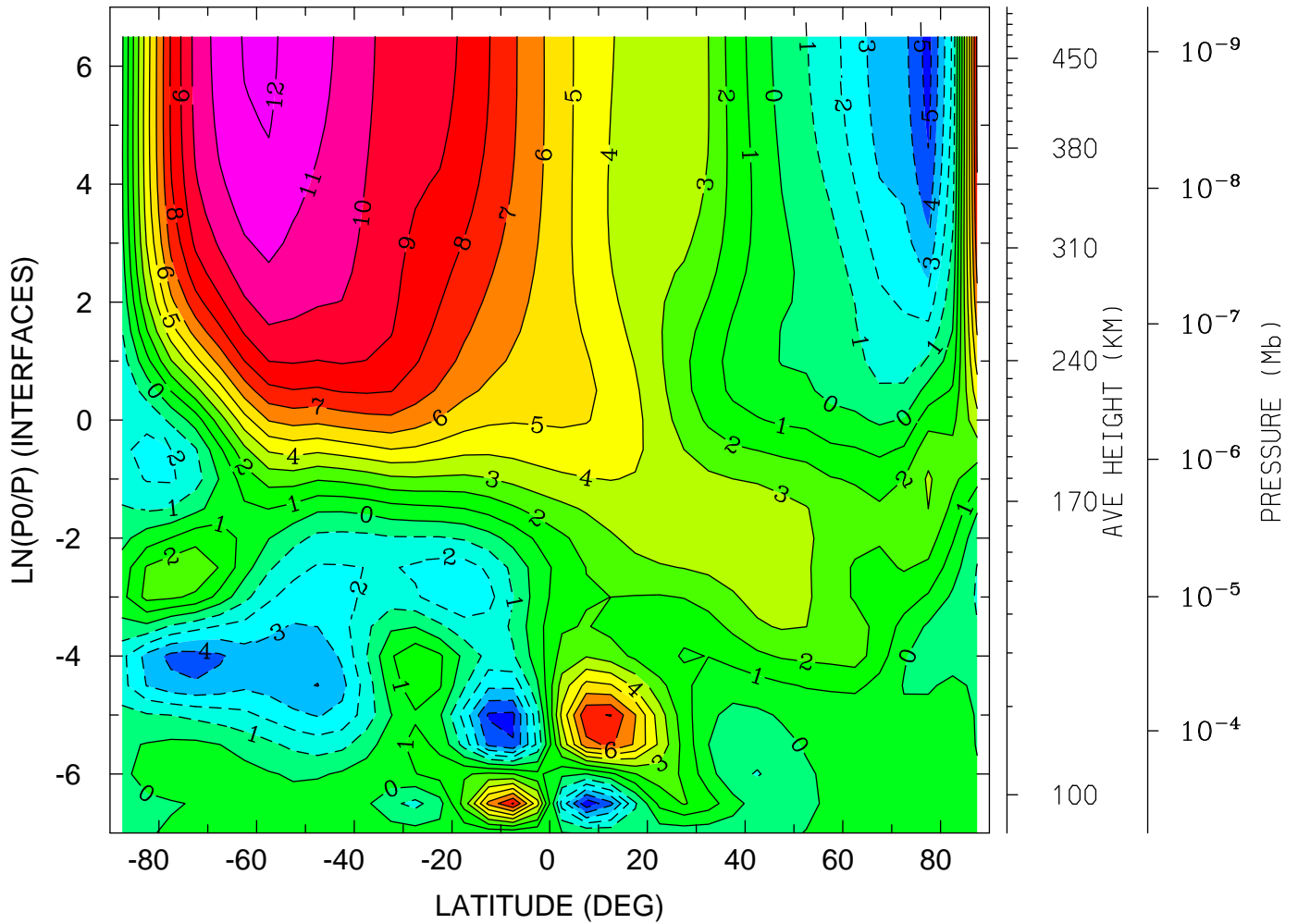
MIN,MAX= -8.3391E+01 8.8039E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

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



MIN,MAX= -9.4413E+01 3.2317E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

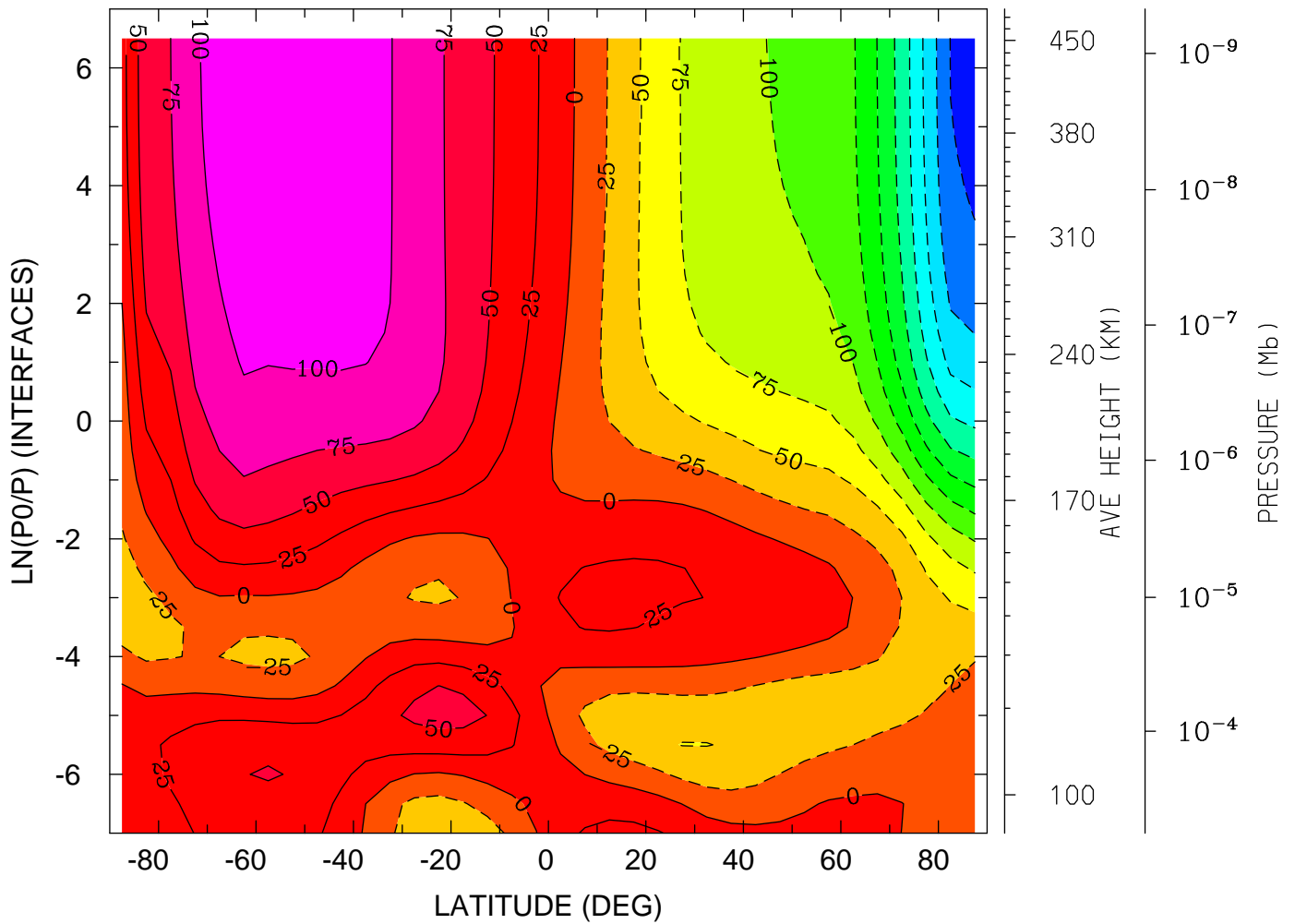
NEUTRAL MERIDIONAL WIND (M/S)  
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= -5.7605E+00 1.2234E+01 INTERVAL= 1.0000E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

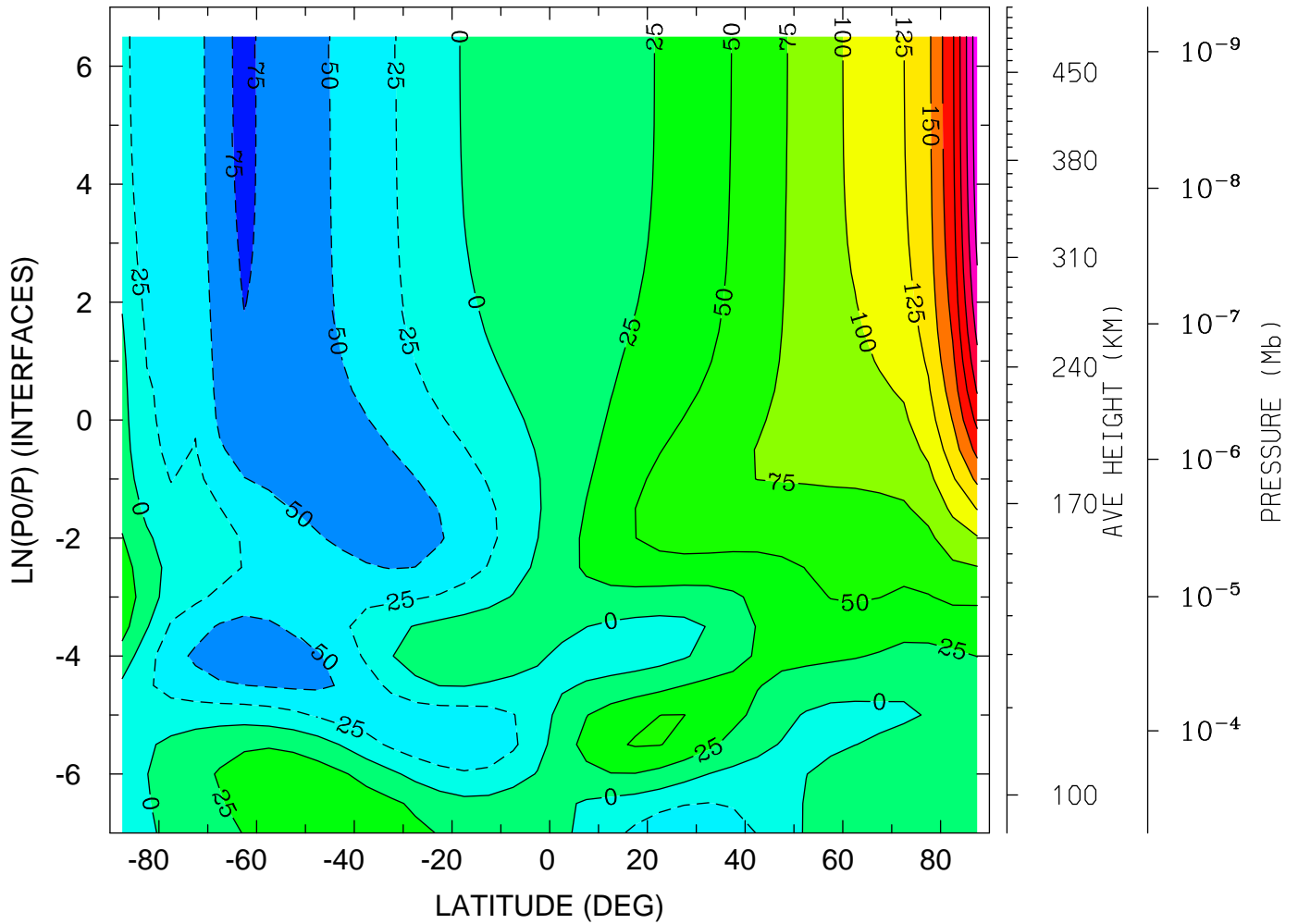


NEUTRAL MERIDIONAL WIND (M/S)  
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



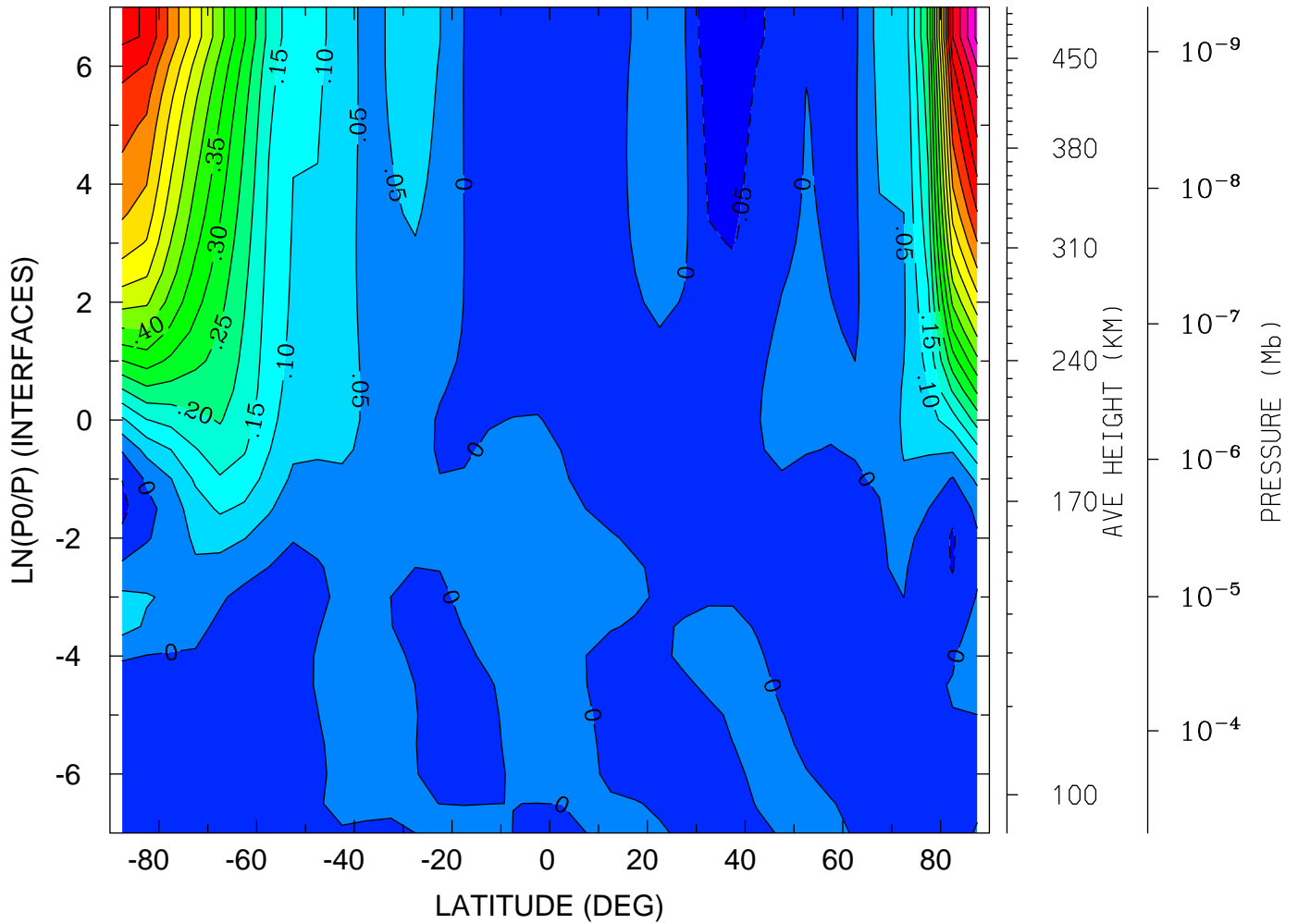
MIN,MAX= -2.8319E+02 1.1773E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

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



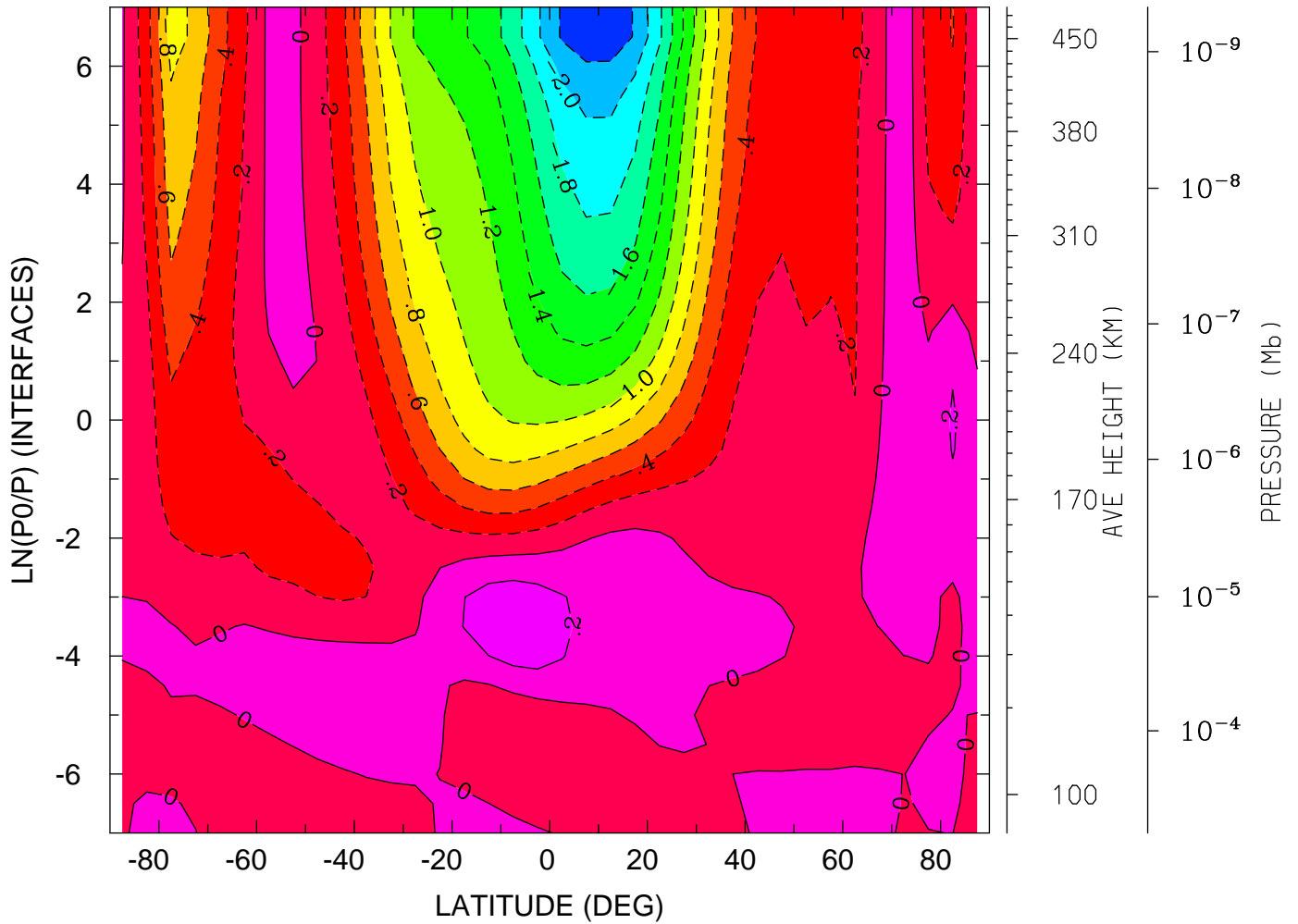
MIN,MAX= -7.8442E+01 2.9176E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
YEAR 2002 UT= 0.00 ZONAL MEANS



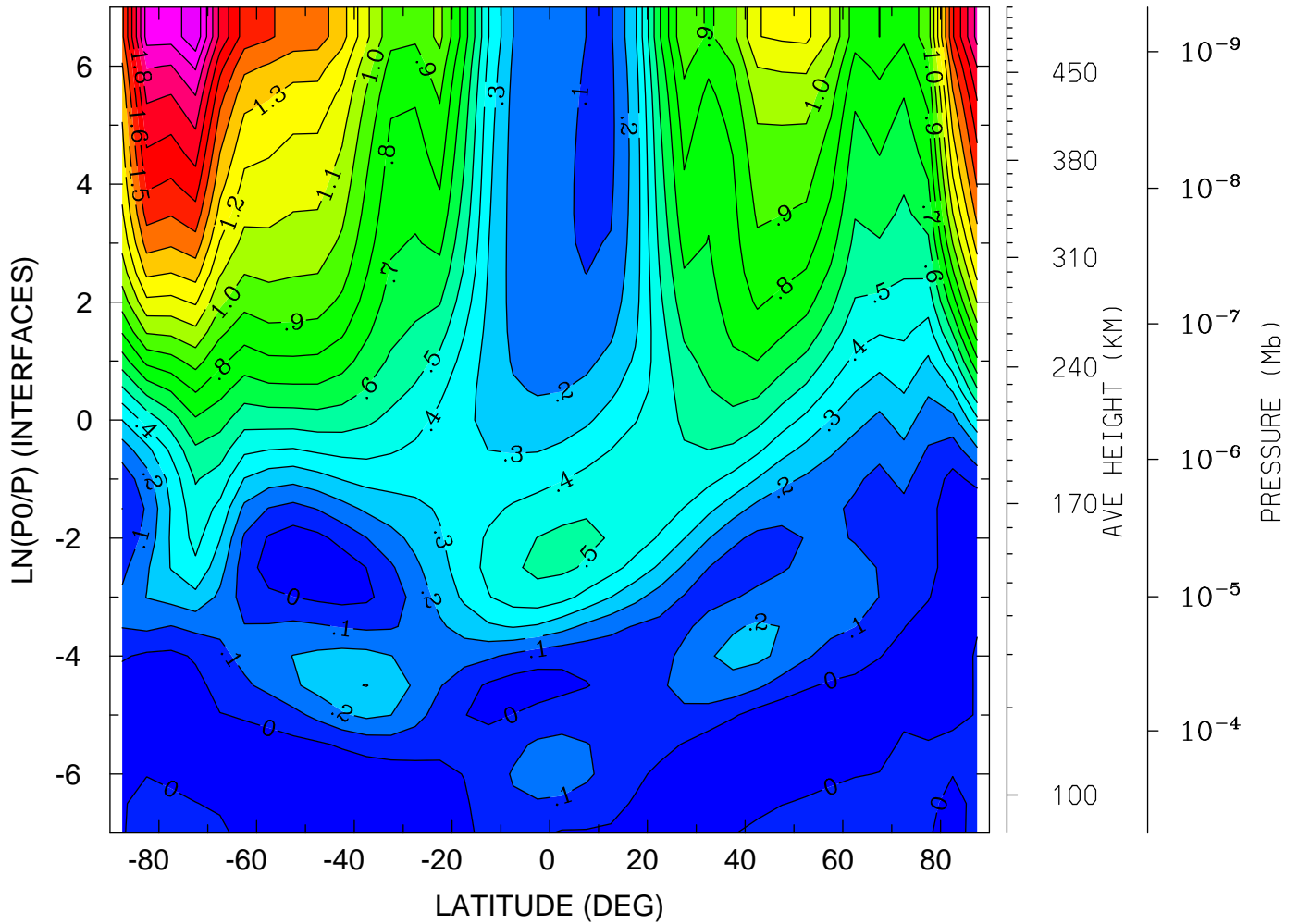
MIN,MAX= -9.9343E-02 9.6553E-01 INTERVAL= 5.0000E-02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



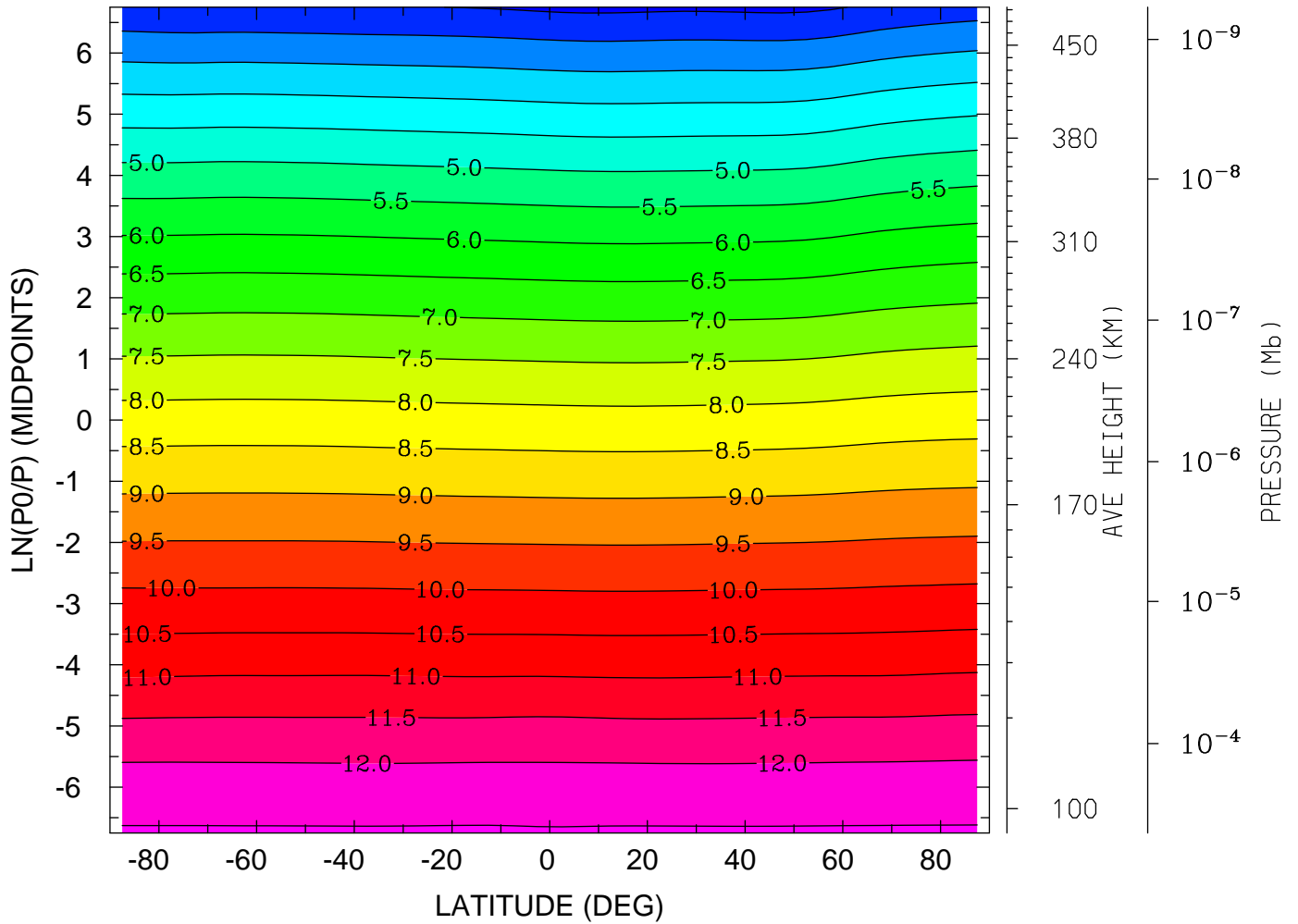
MIN,MAX= -2.3484E+00 3.7150E-01 INTERVAL= 2.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

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



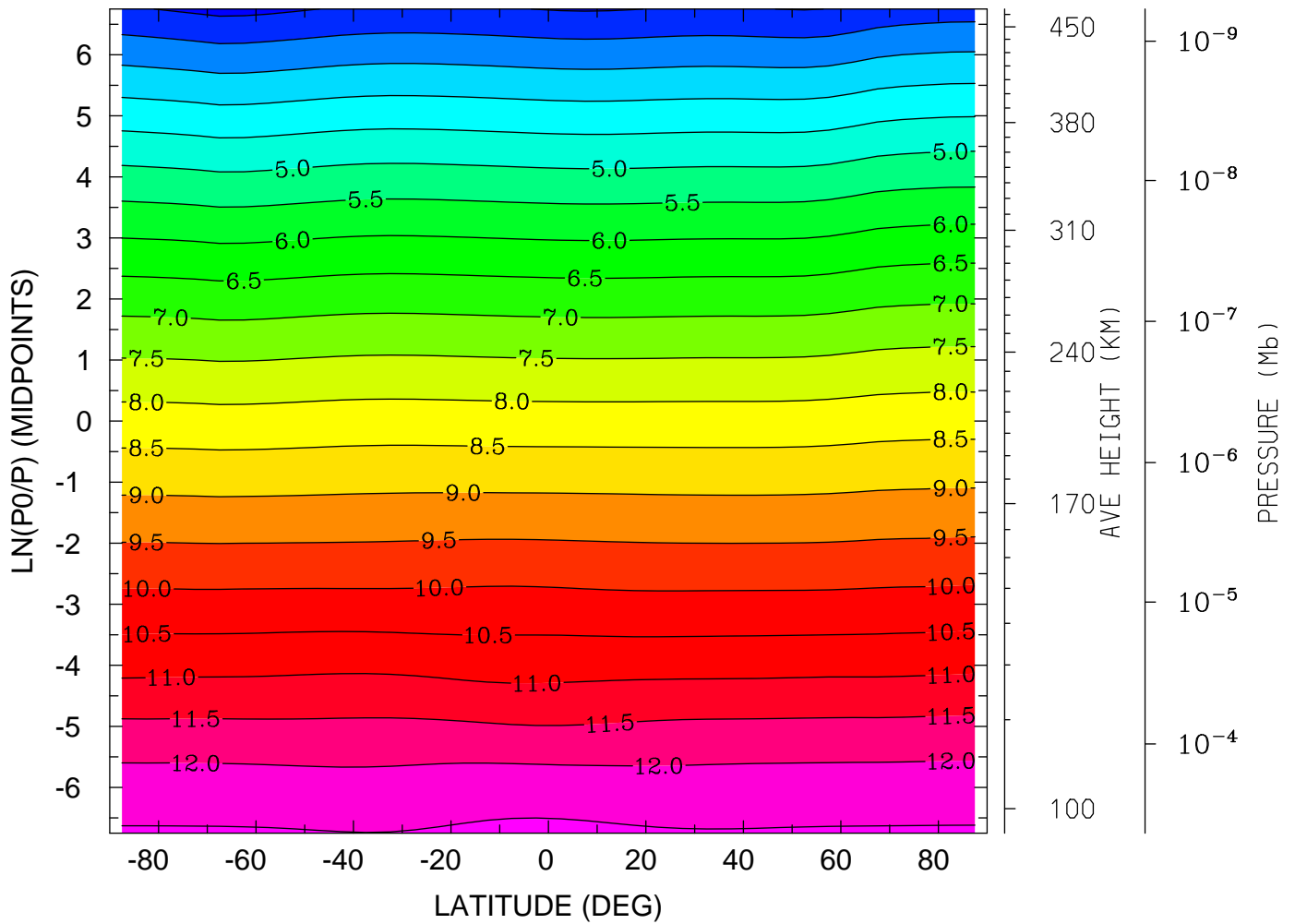
MIN,MAX= -1.0103E-01 2.1819E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
YEAR 2002 UT= 0.00 ZONAL MEANS



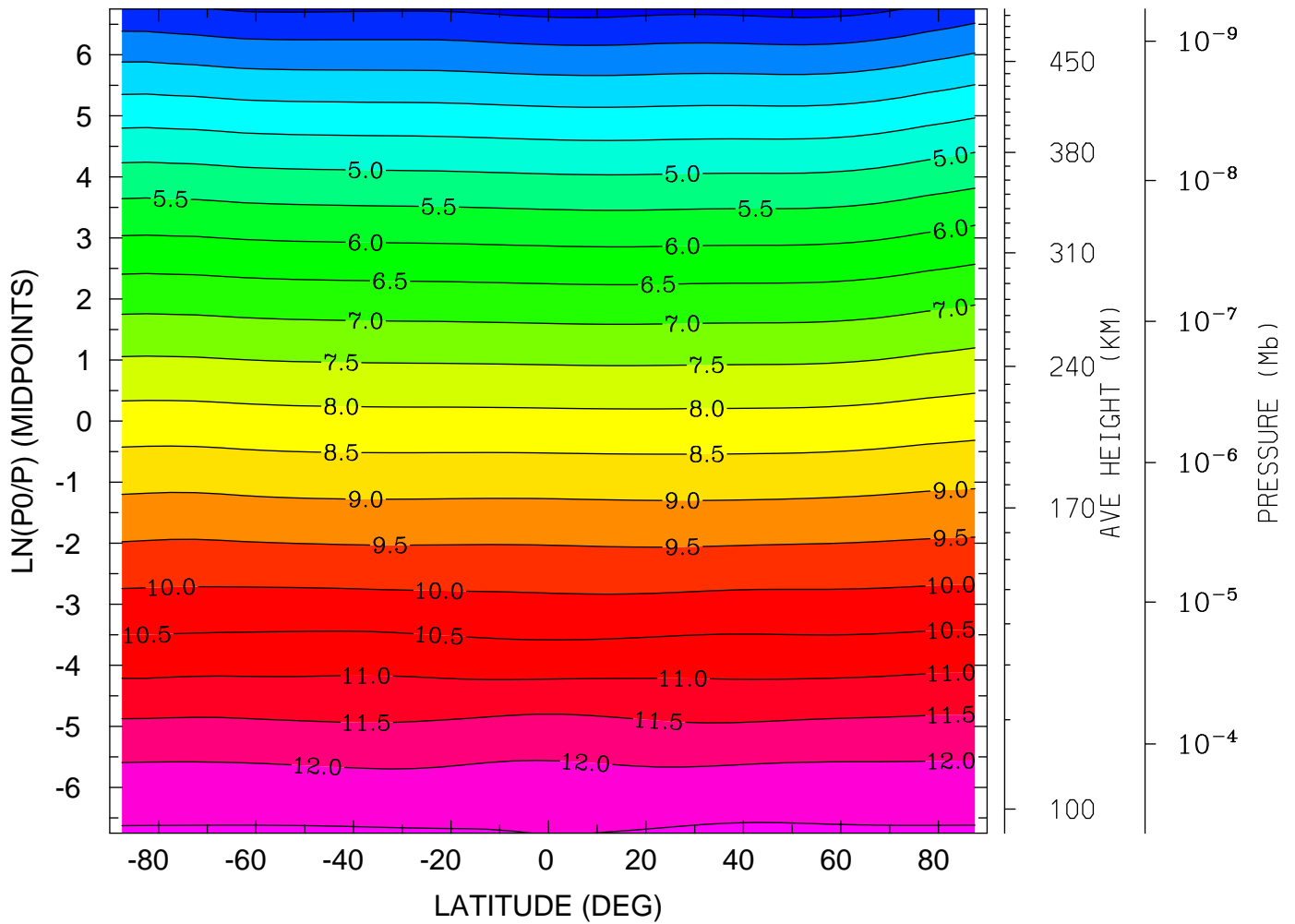
MIN,MAX= 2.3943E+00 1.2550E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

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



MIN,MAX= 2.3665E+00 1.2606E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

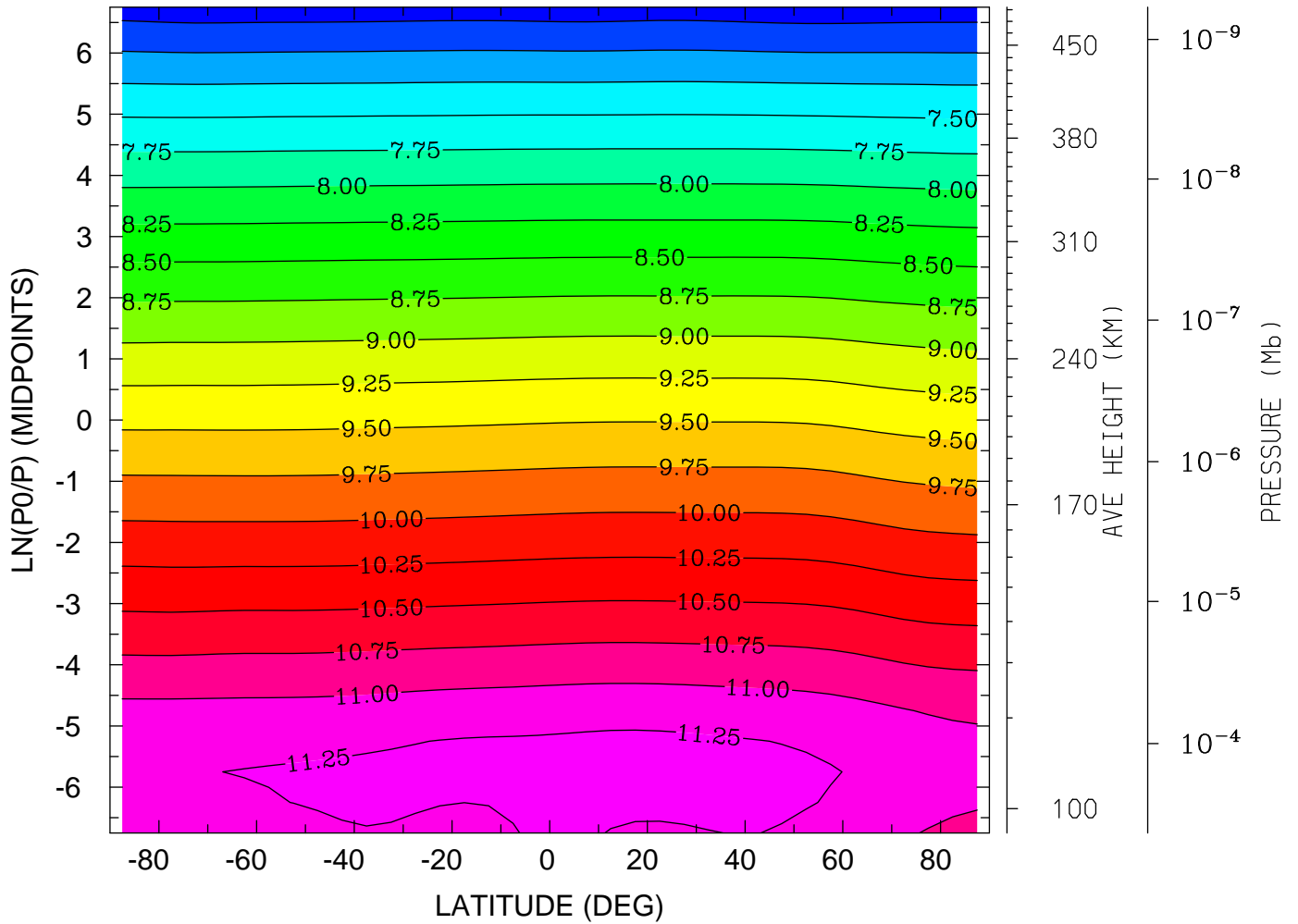
LOG10 MOLECULAR OXYGEN (CM3)  
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= 2.3406E+00 1.2571E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

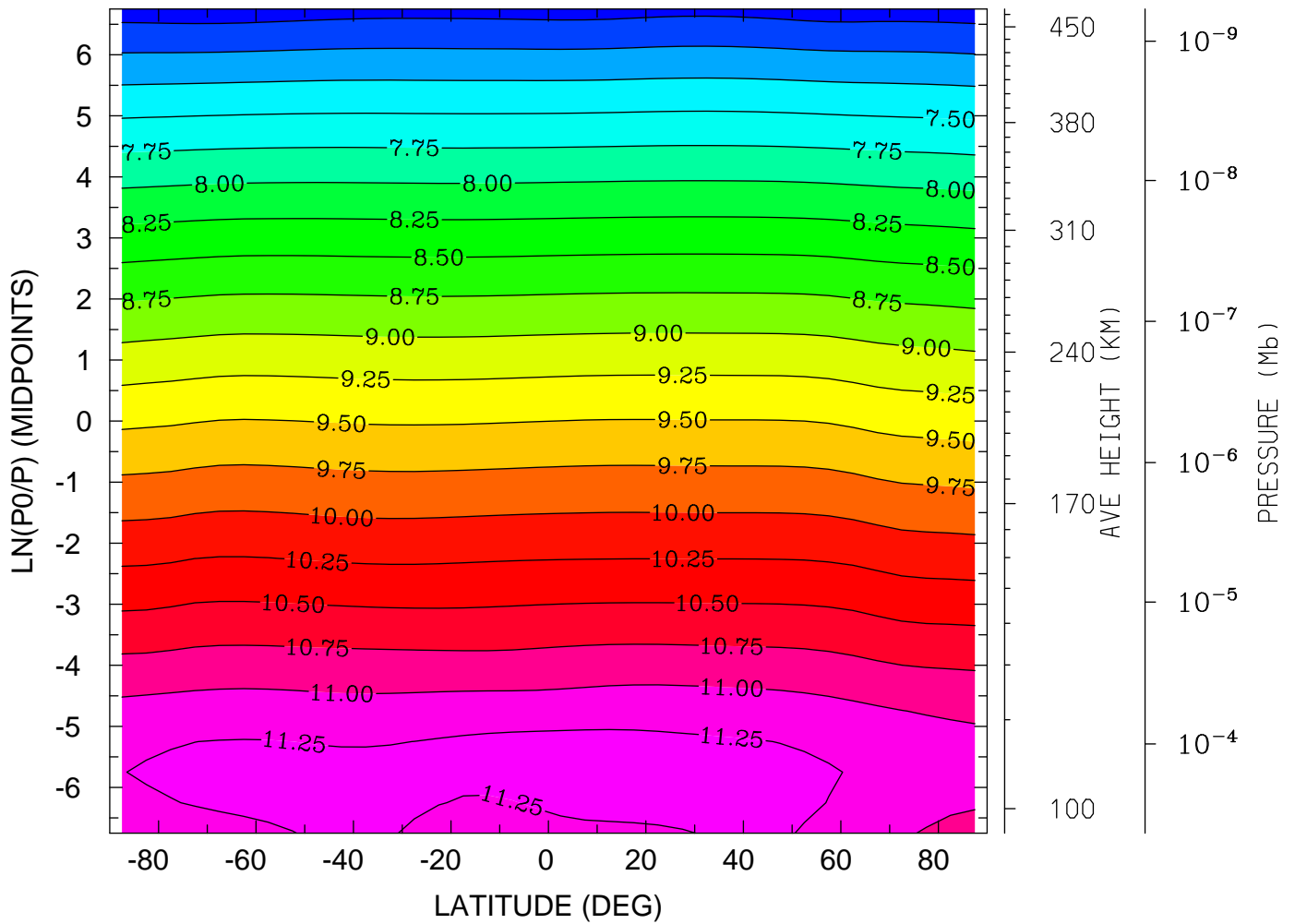


LOG10 ATOMIC OXYGEN (CM3)  
YEAR 2002 UT= 0.00 ZONAL MEANS



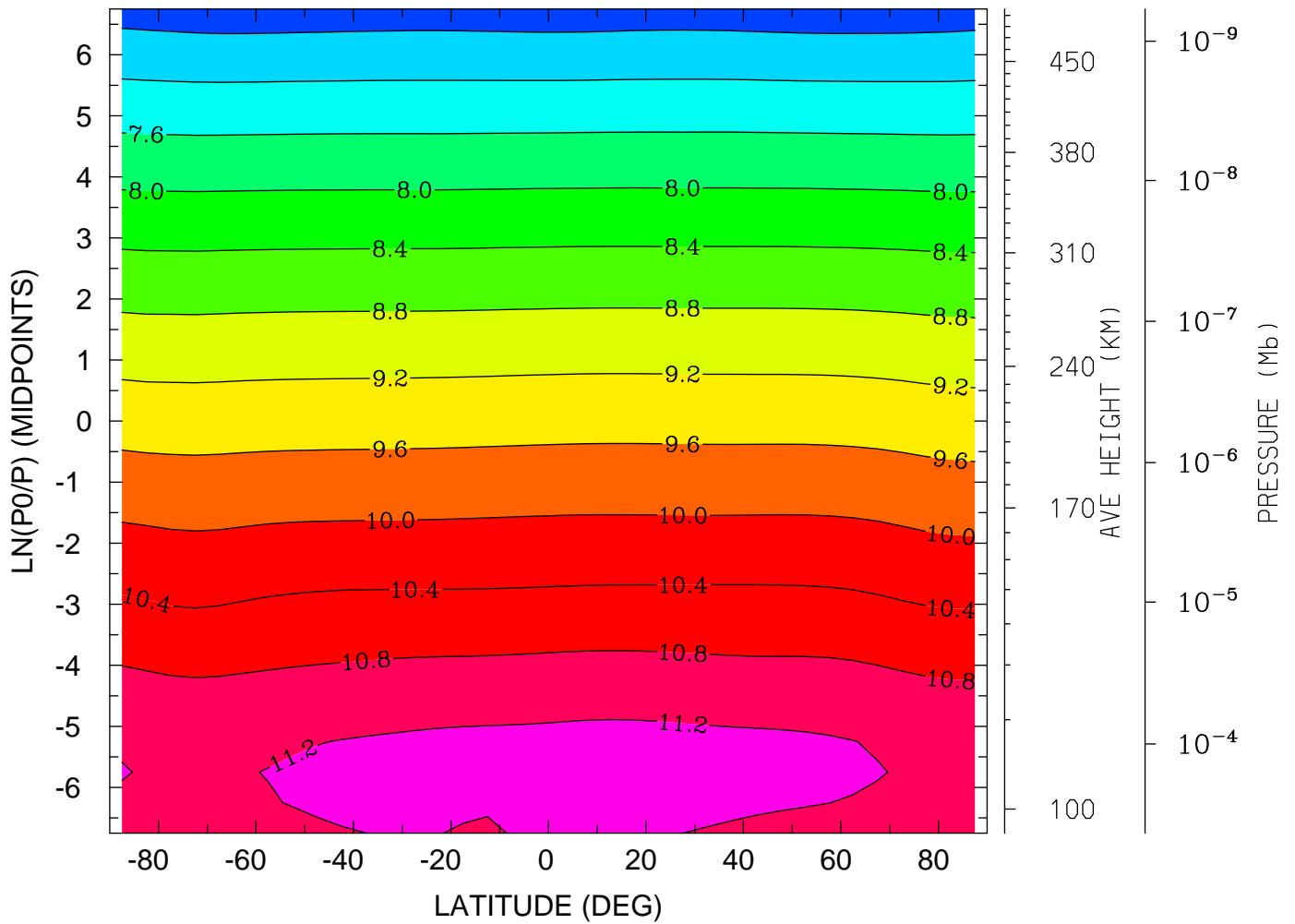
MIN,MAX= 6.6018E+00 1.1397E+01 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

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



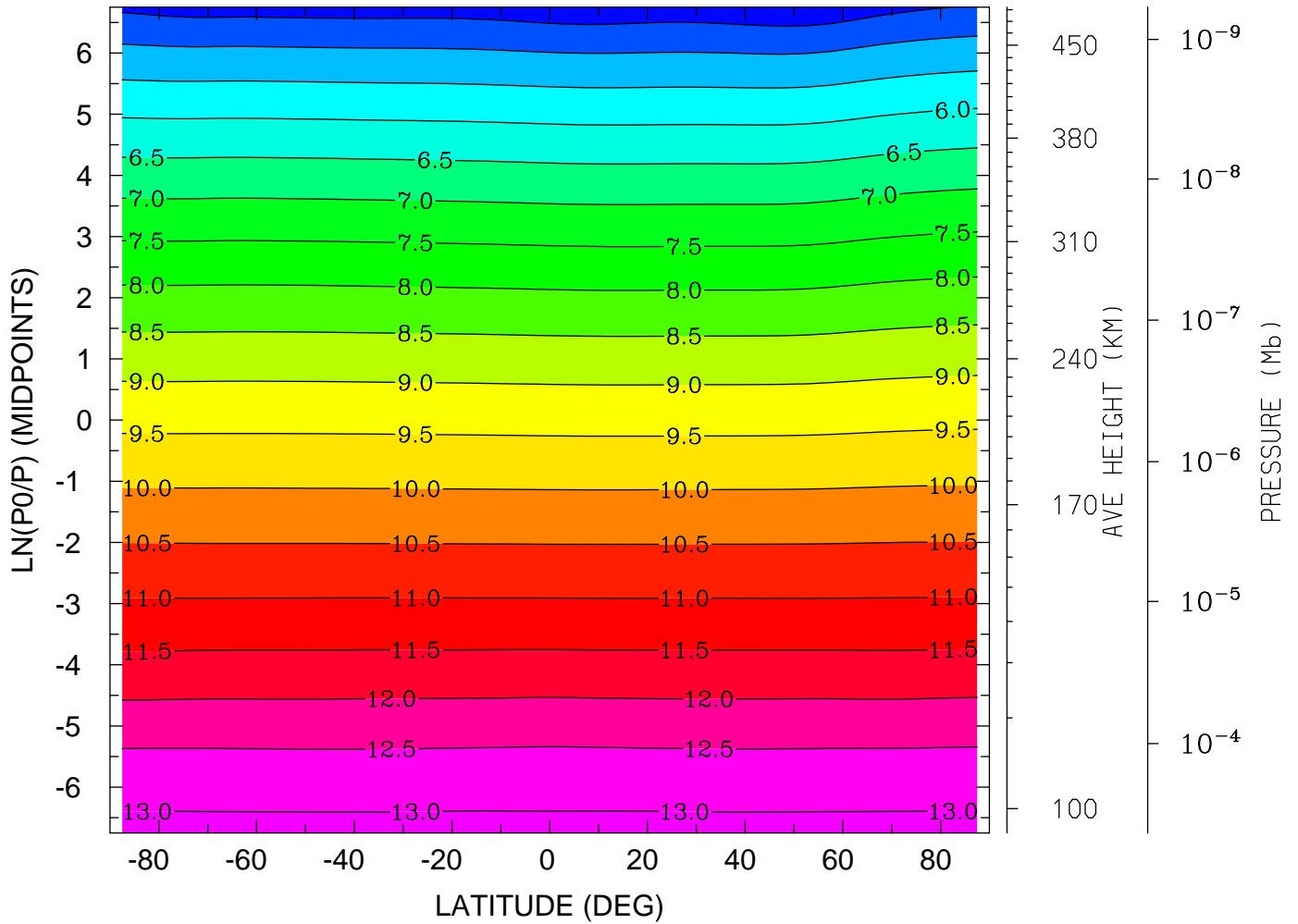
MIN,MAX= 6.6193E+00 1.1400E+01 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

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



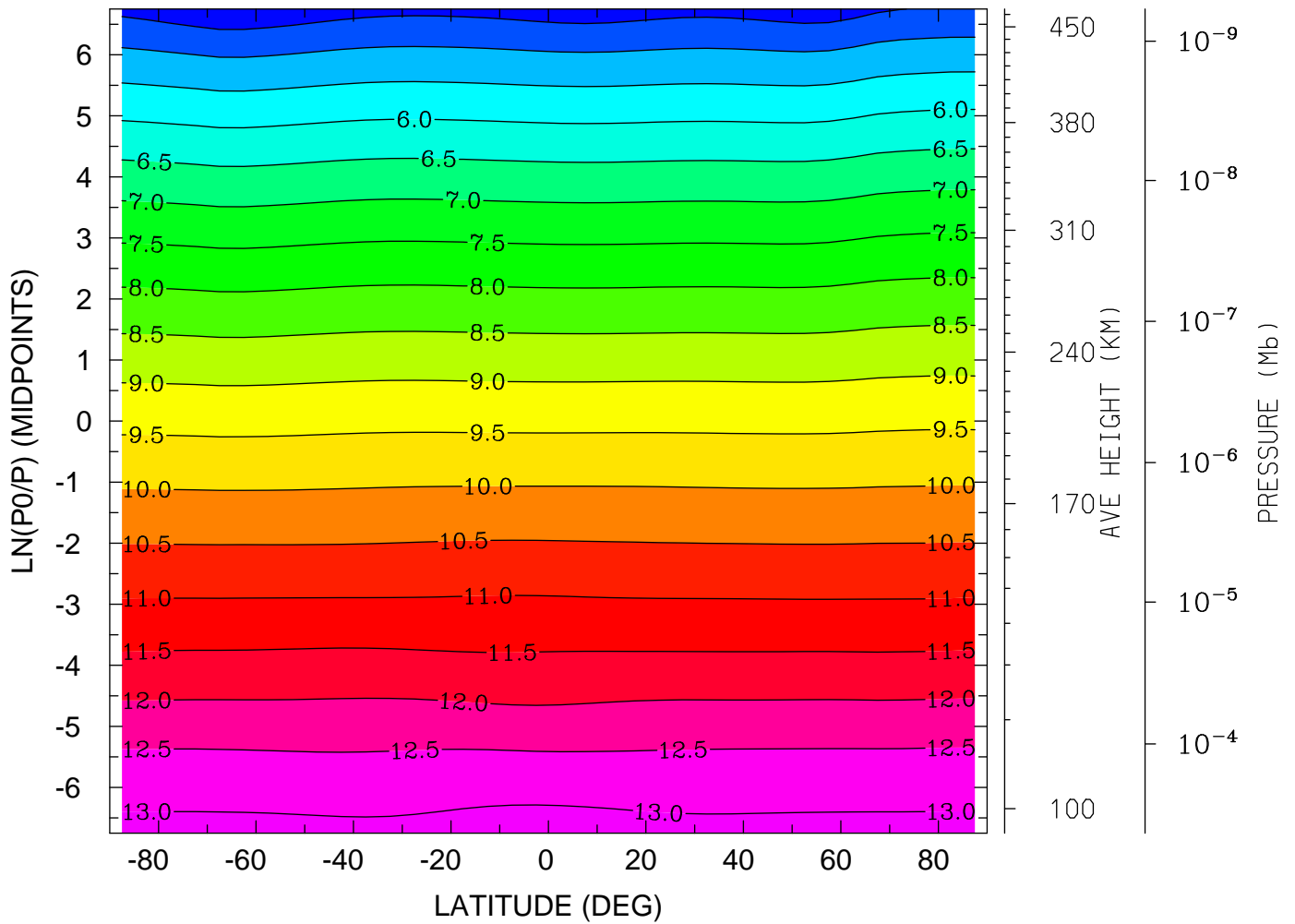
MIN,MAX= 6.5760E+00 1.1459E+01 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
YEAR 2002 UT= 0.00 ZONAL MEANS



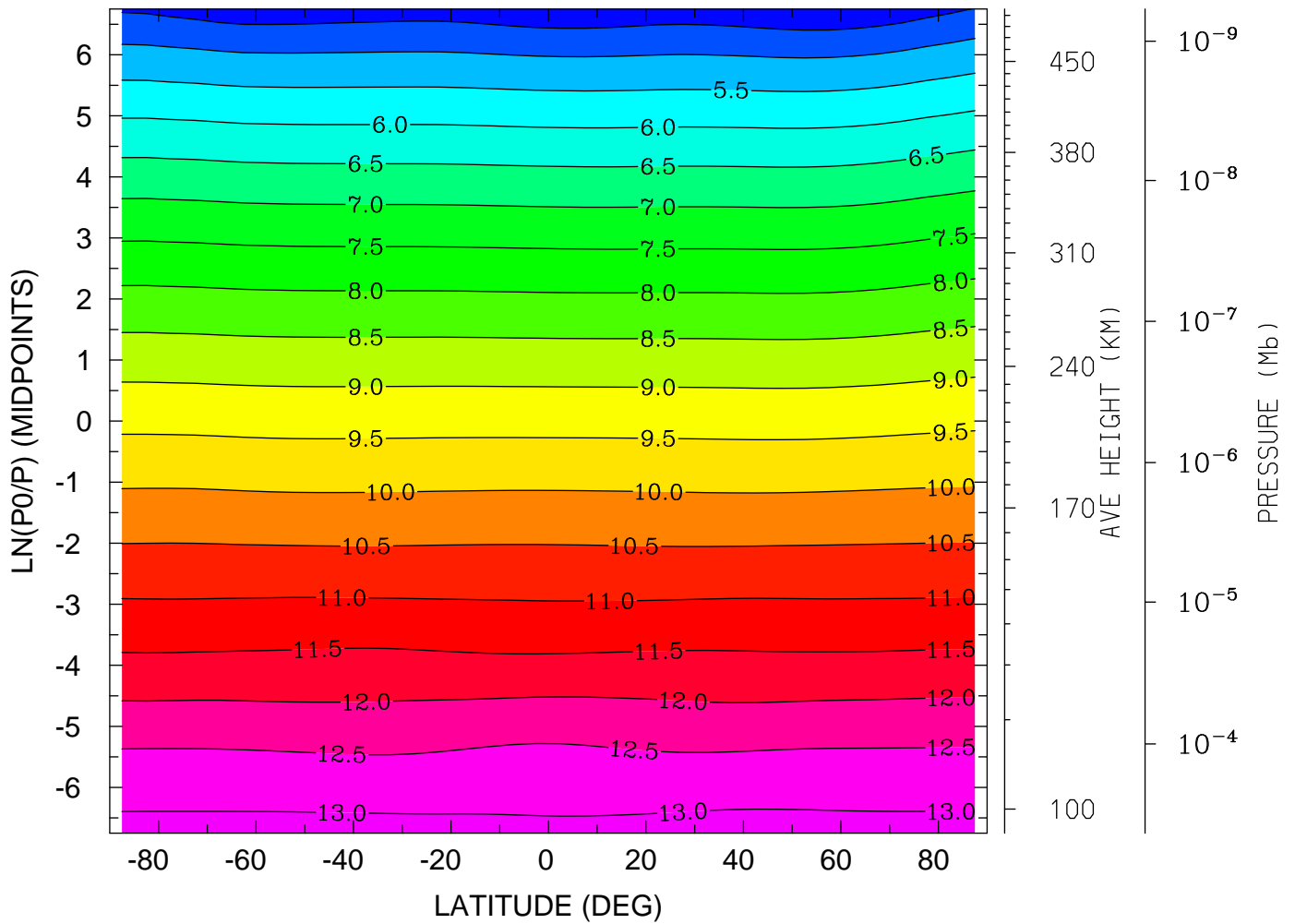
MIN,MAX= 4.1019E+00 1.3130E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



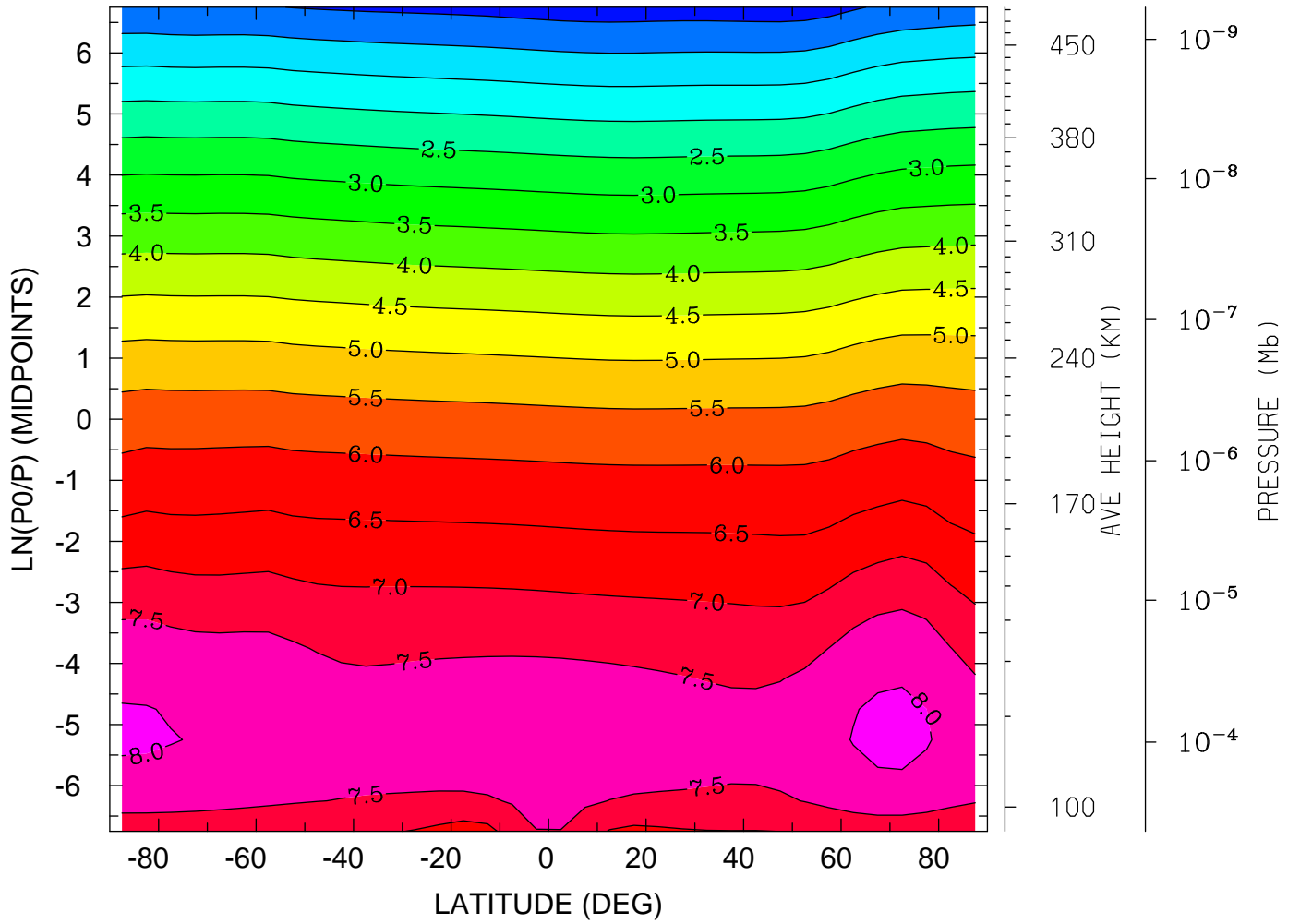
MIN,MAX= 4.0571E+00 1.3186E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

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



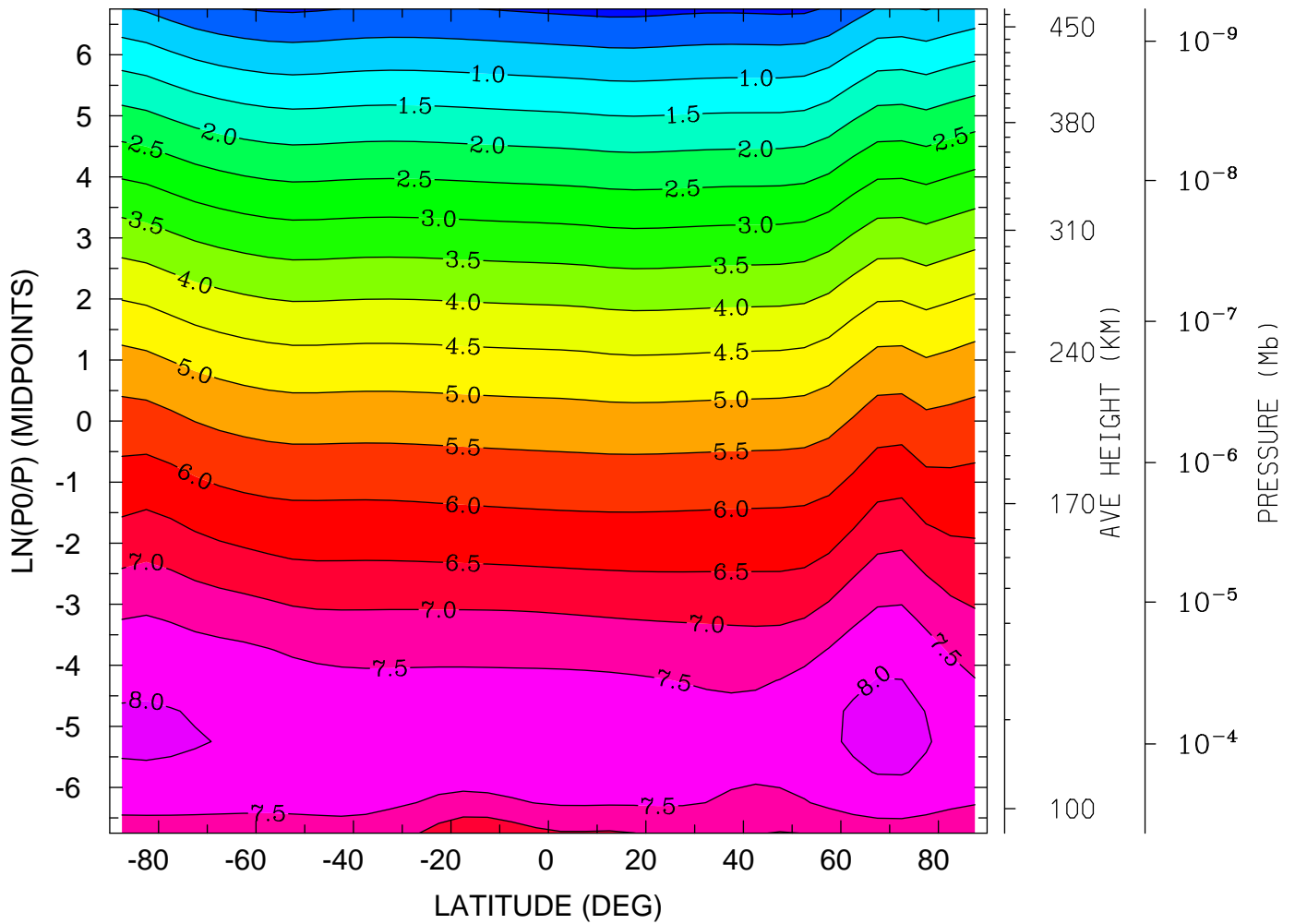
MIN,MAX= 4.0342E+00 1.3152E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= 2.4932E-01 8.1006E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)

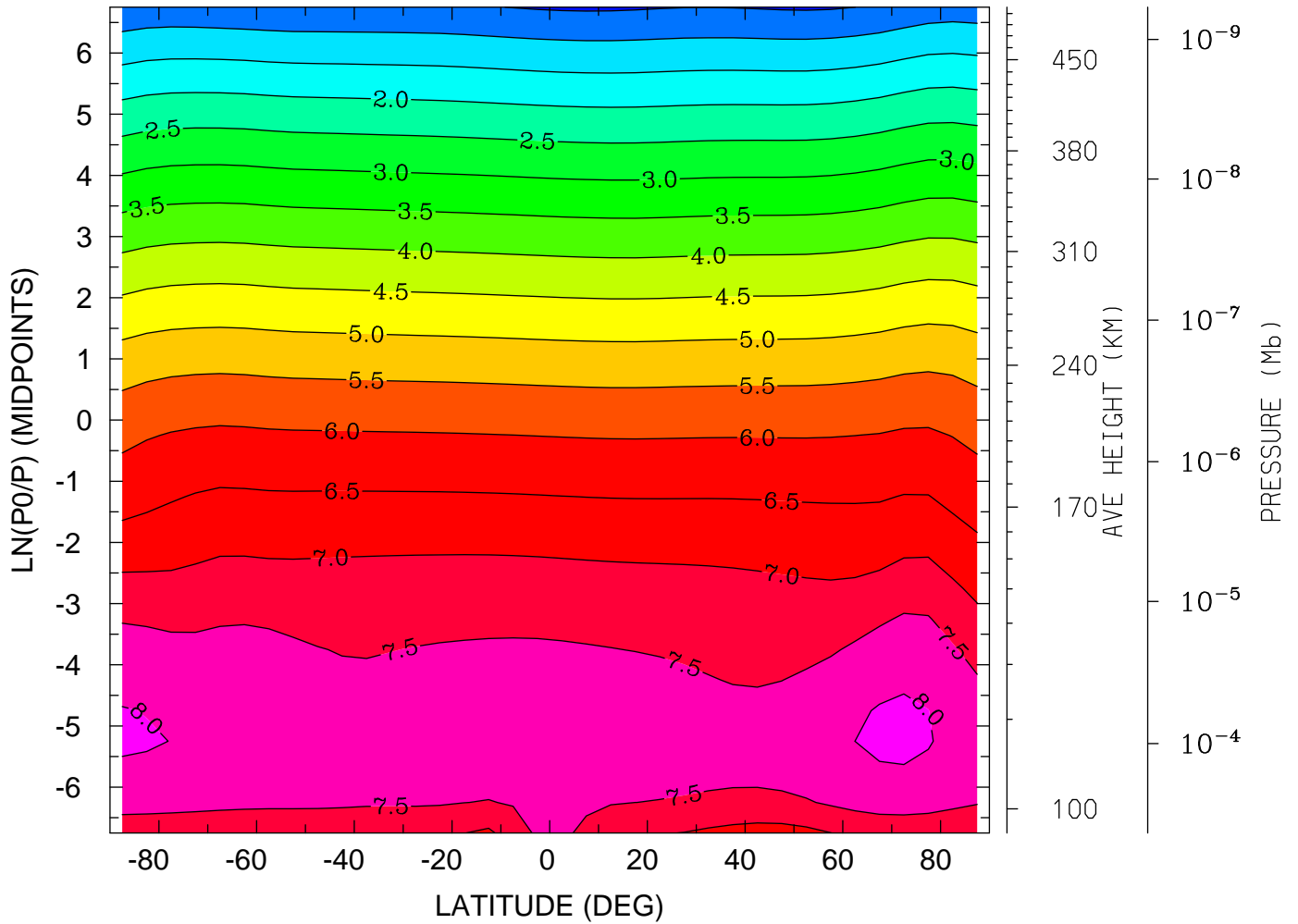


MIN,MAX= -1.3295E-01 8.1364E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc



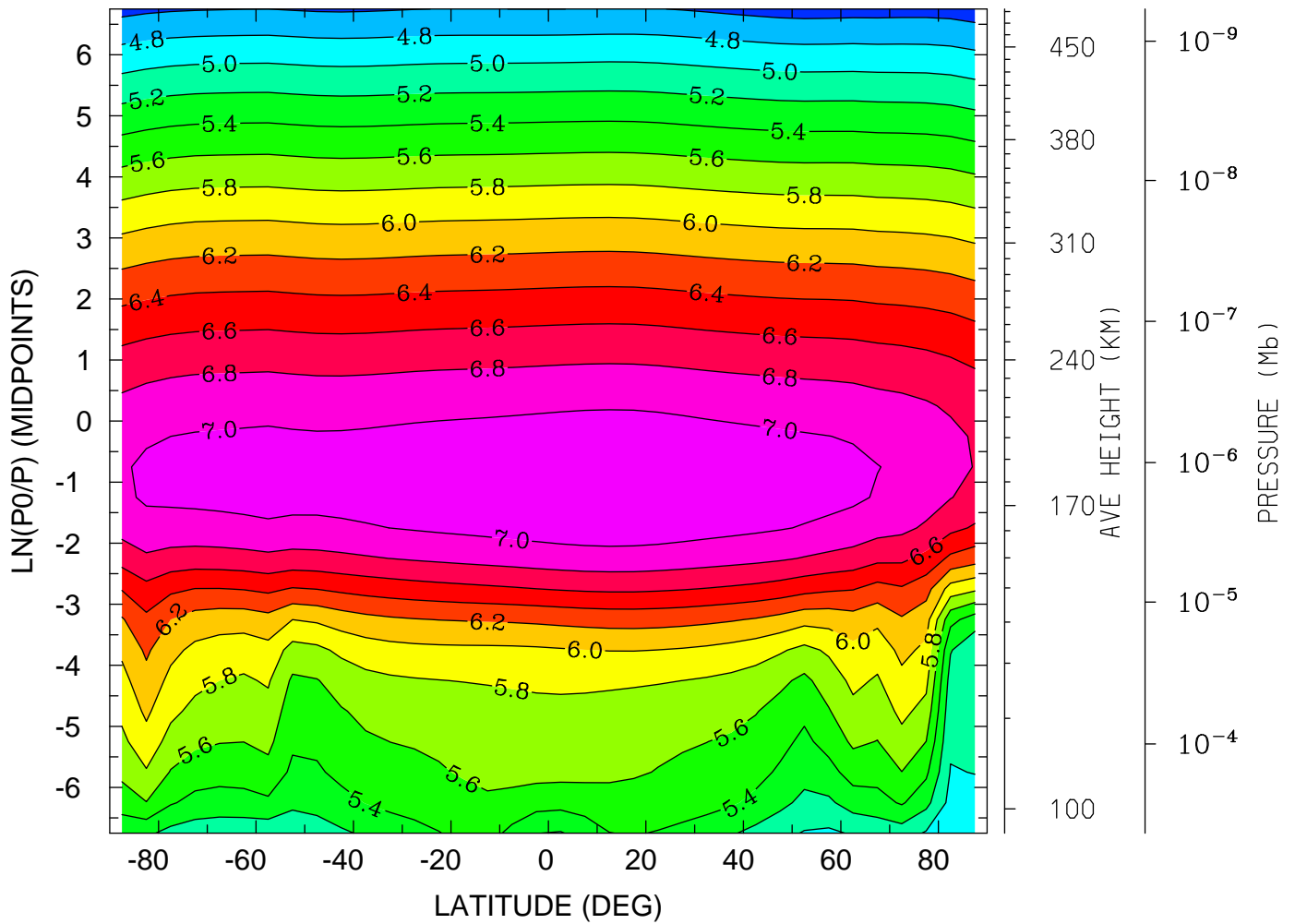
LOG10 NITRIC OXIDE (CM3)

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



MIN,MAX= 4.3367E-01 8.0804E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

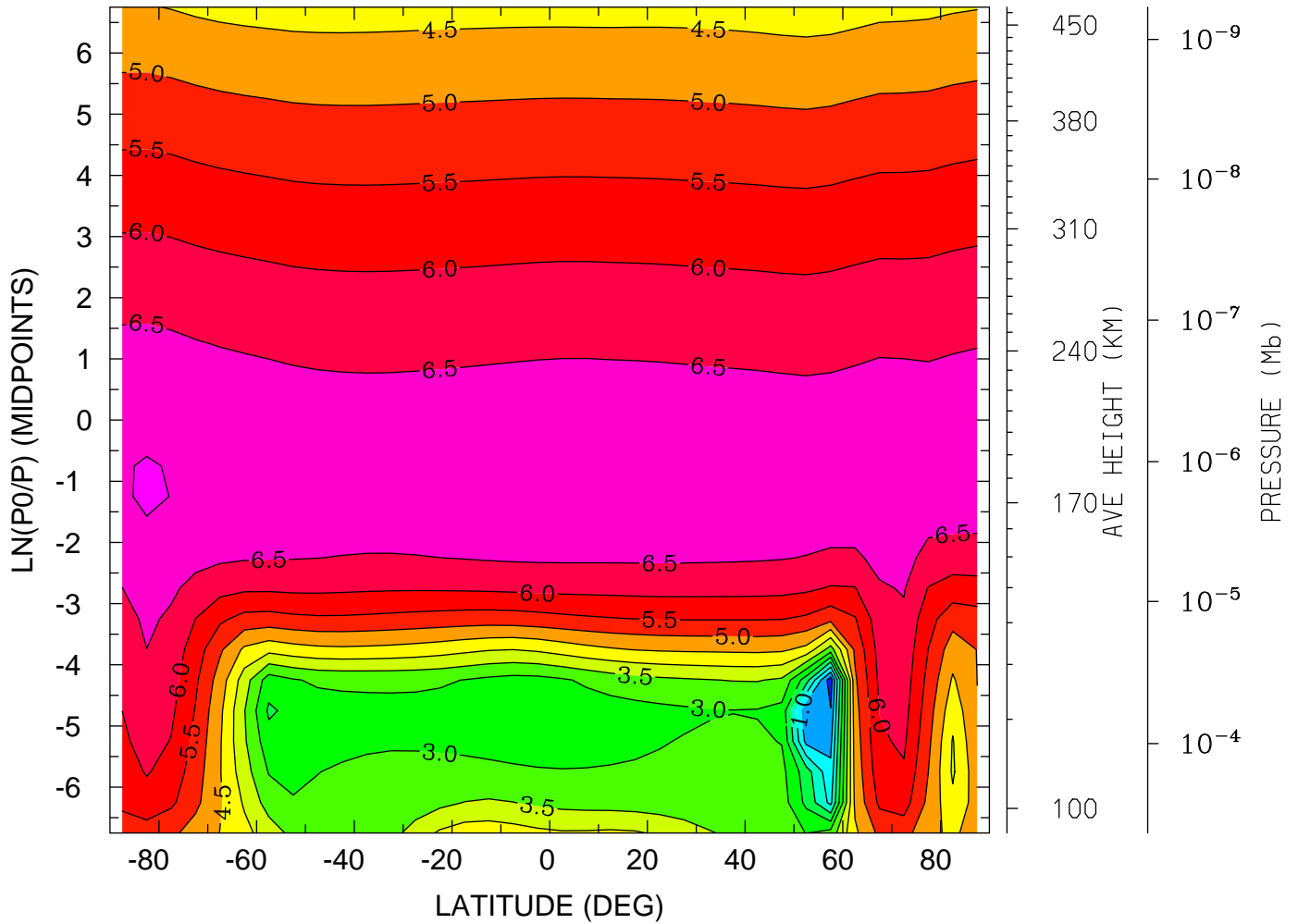
LOG10 N4S (CM3)  
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= 4.4998E+00 7.1749E+00 INTERVAL= 2.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

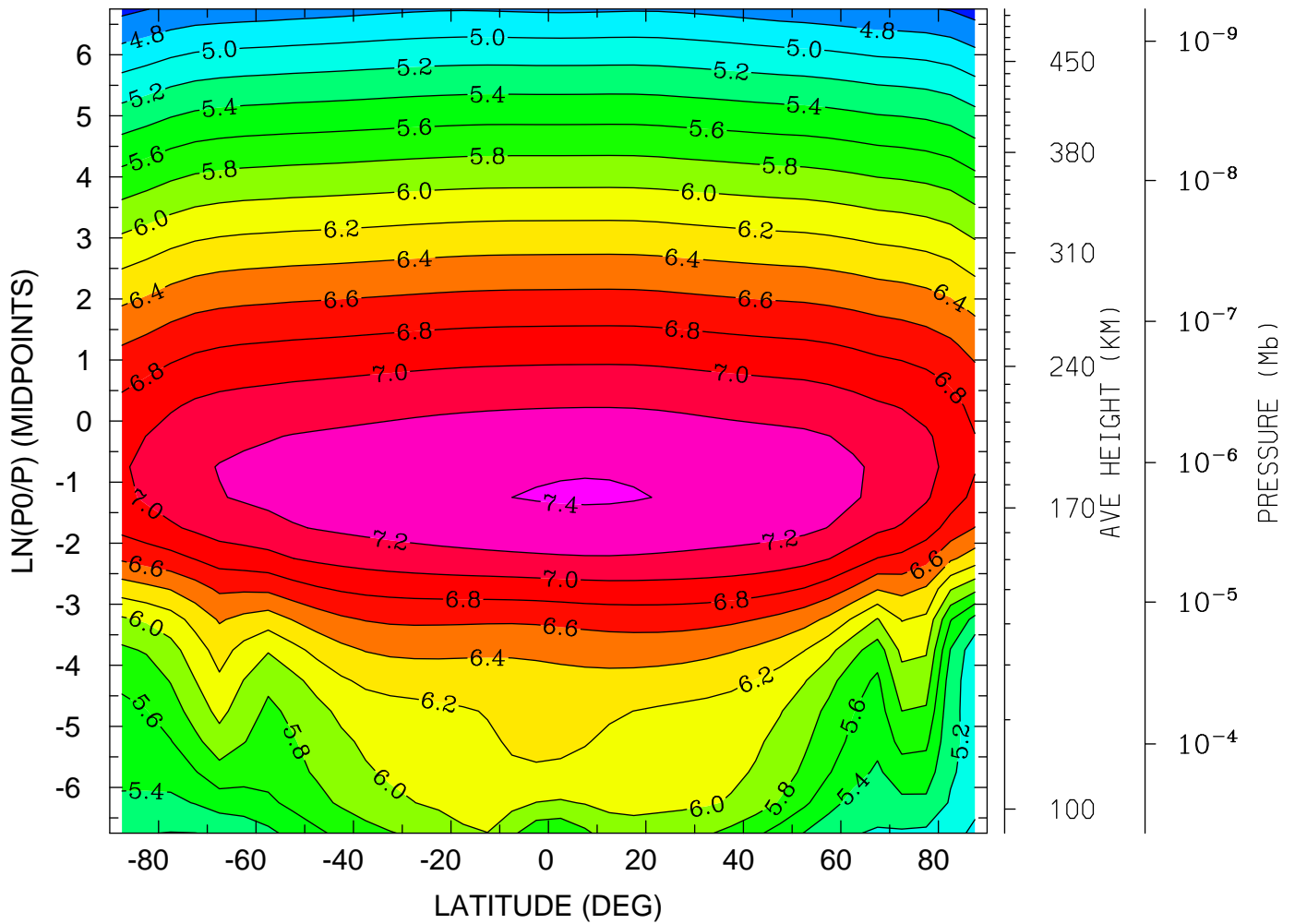
LOG10 N4S (CM3)

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



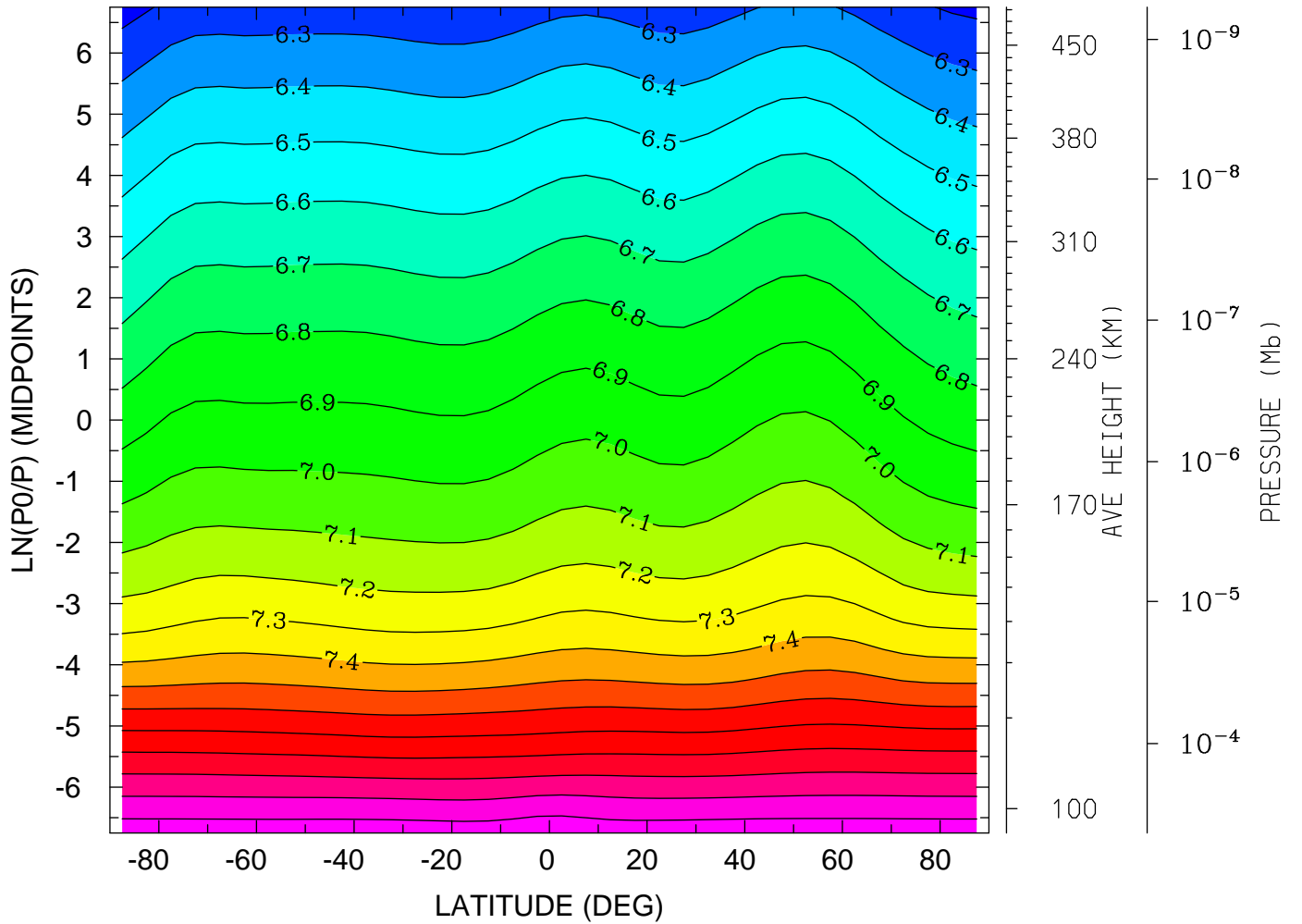
MIN,MAX= 2.0467E-01 7.0329E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



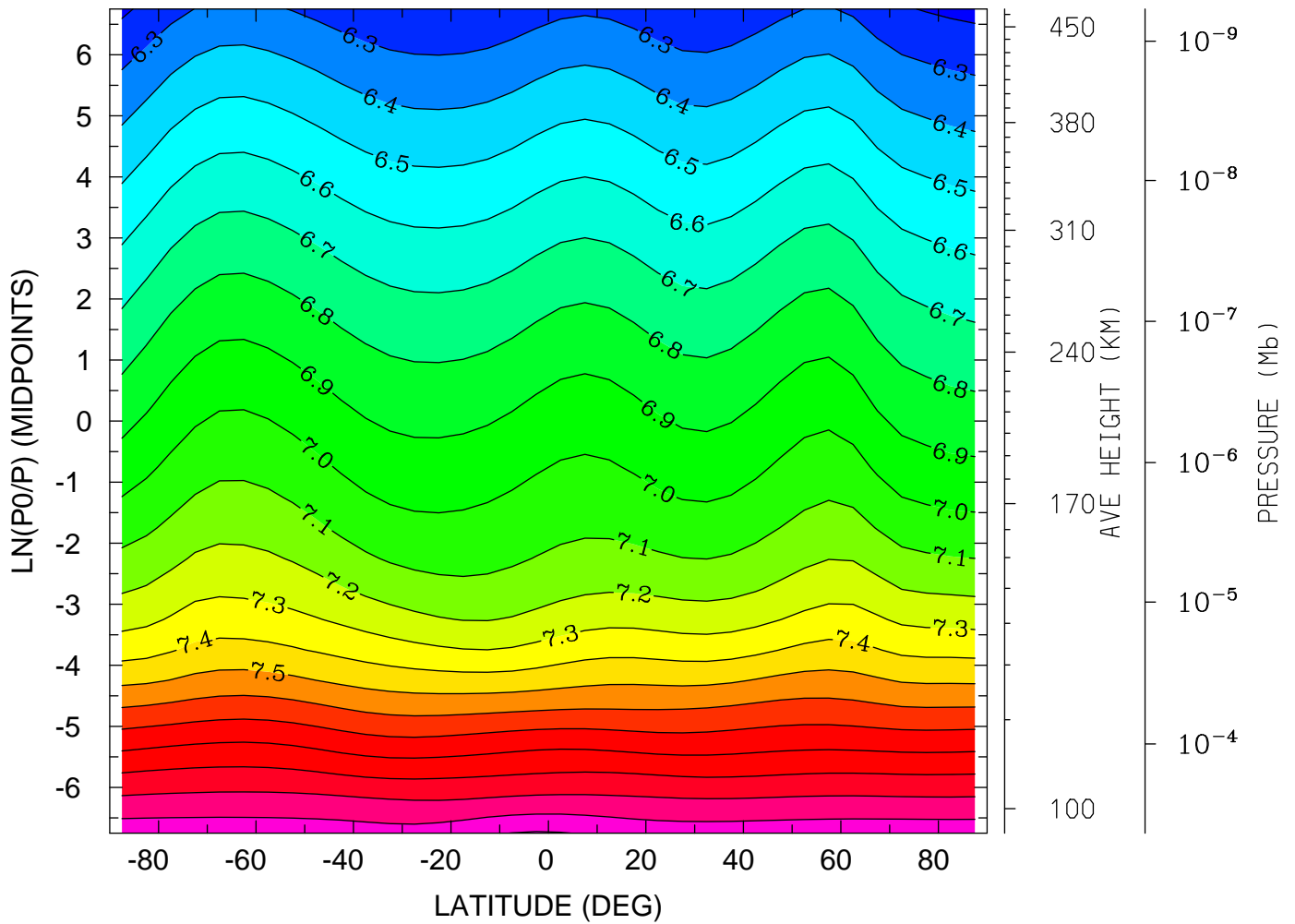
MIN,MAX= 4.5181E+00 7.4147E+00 INTERVAL= 2.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
YEAR 2002 UT= 0.00 ZONAL MEANS



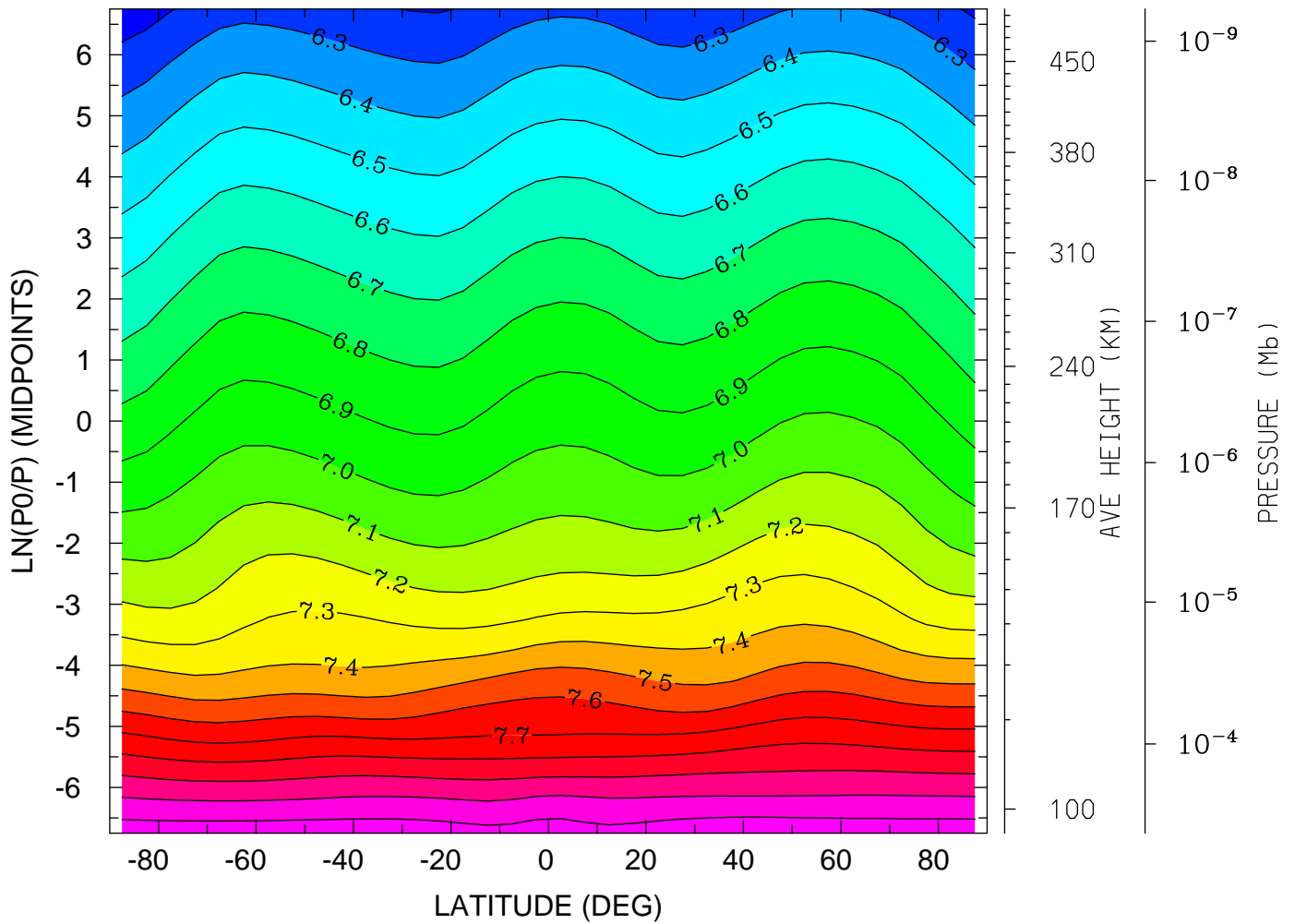
MIN,MAX= 6.1576E+00 8.1786E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



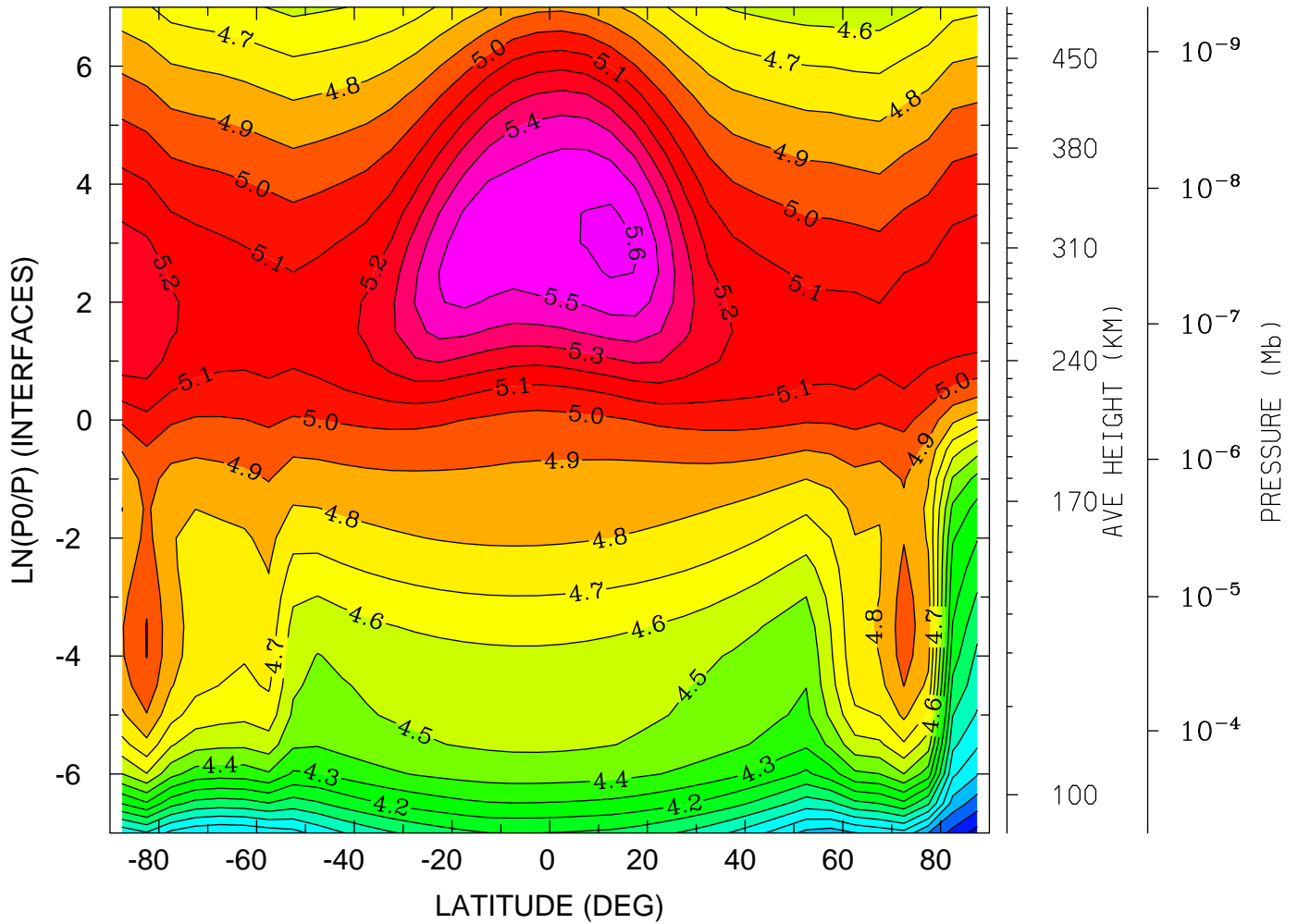
MIN,MAX= 6.1711E+00 8.2092E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

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



MIN,MAX= 6.1340E+00 8.1798E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

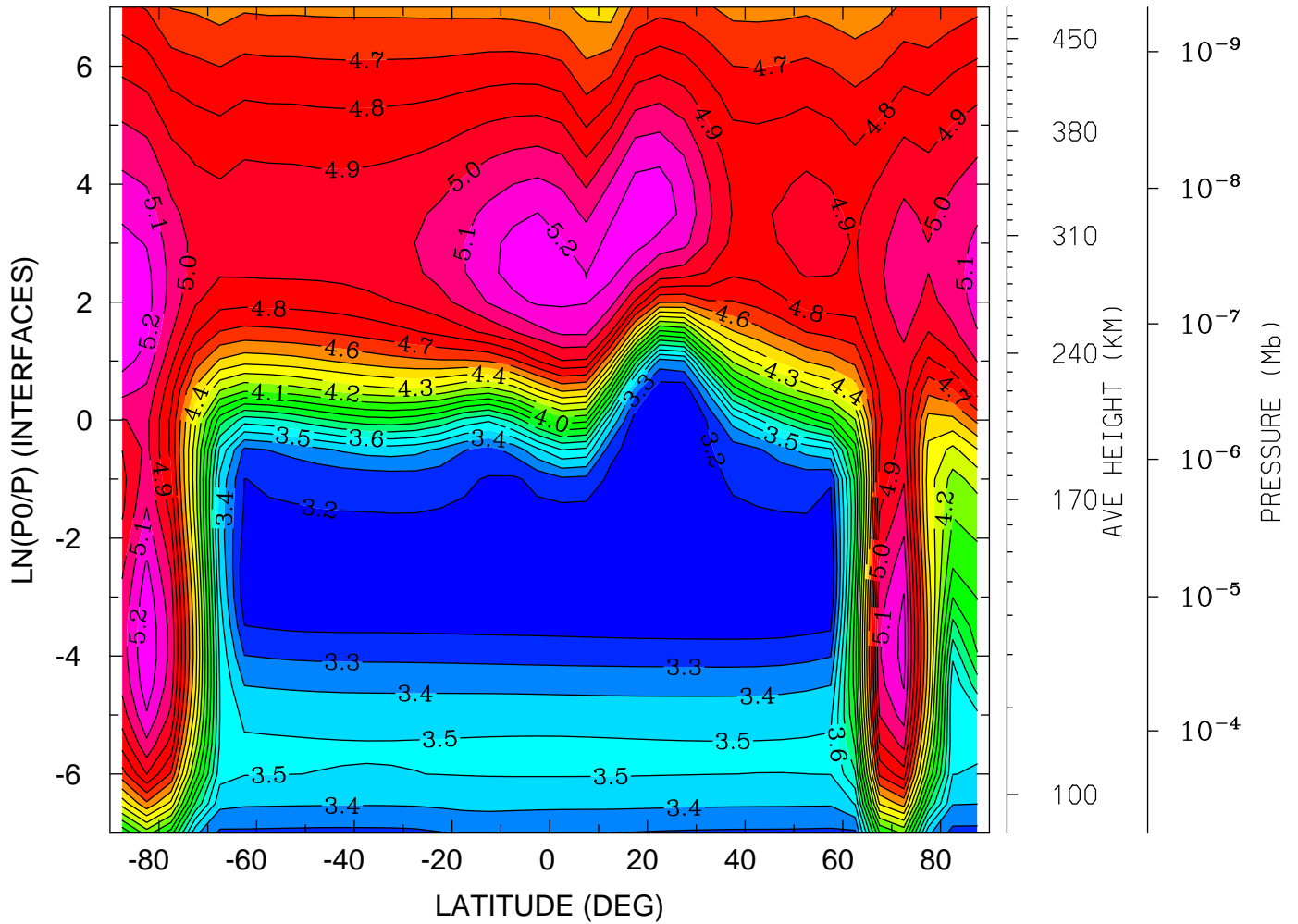
LOG10 ELECTRON DENSITY (CM3)  
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= 3.3589E+00 5.6340E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

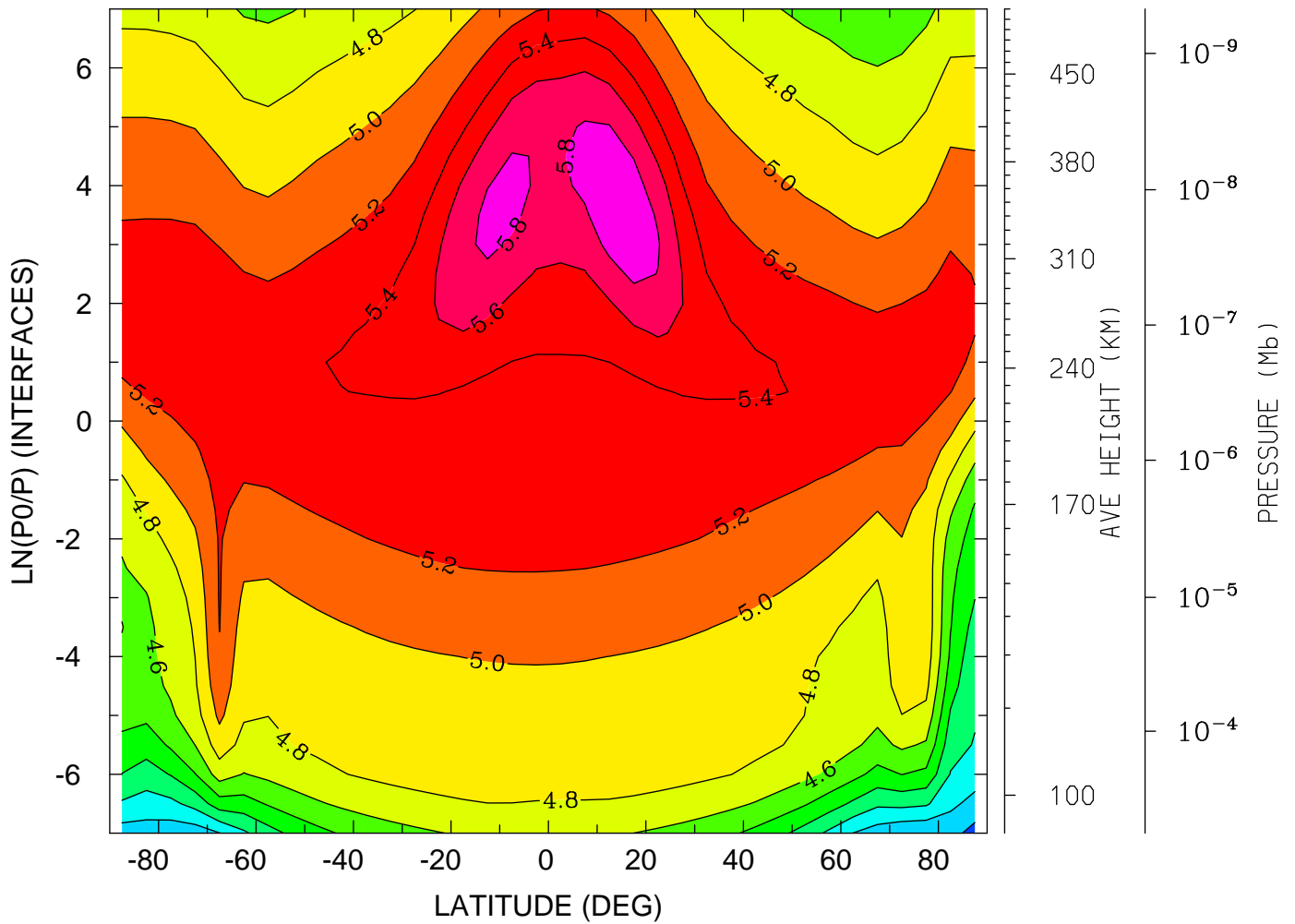


LOG10 ELECTRON DENSITY (CM3)  
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



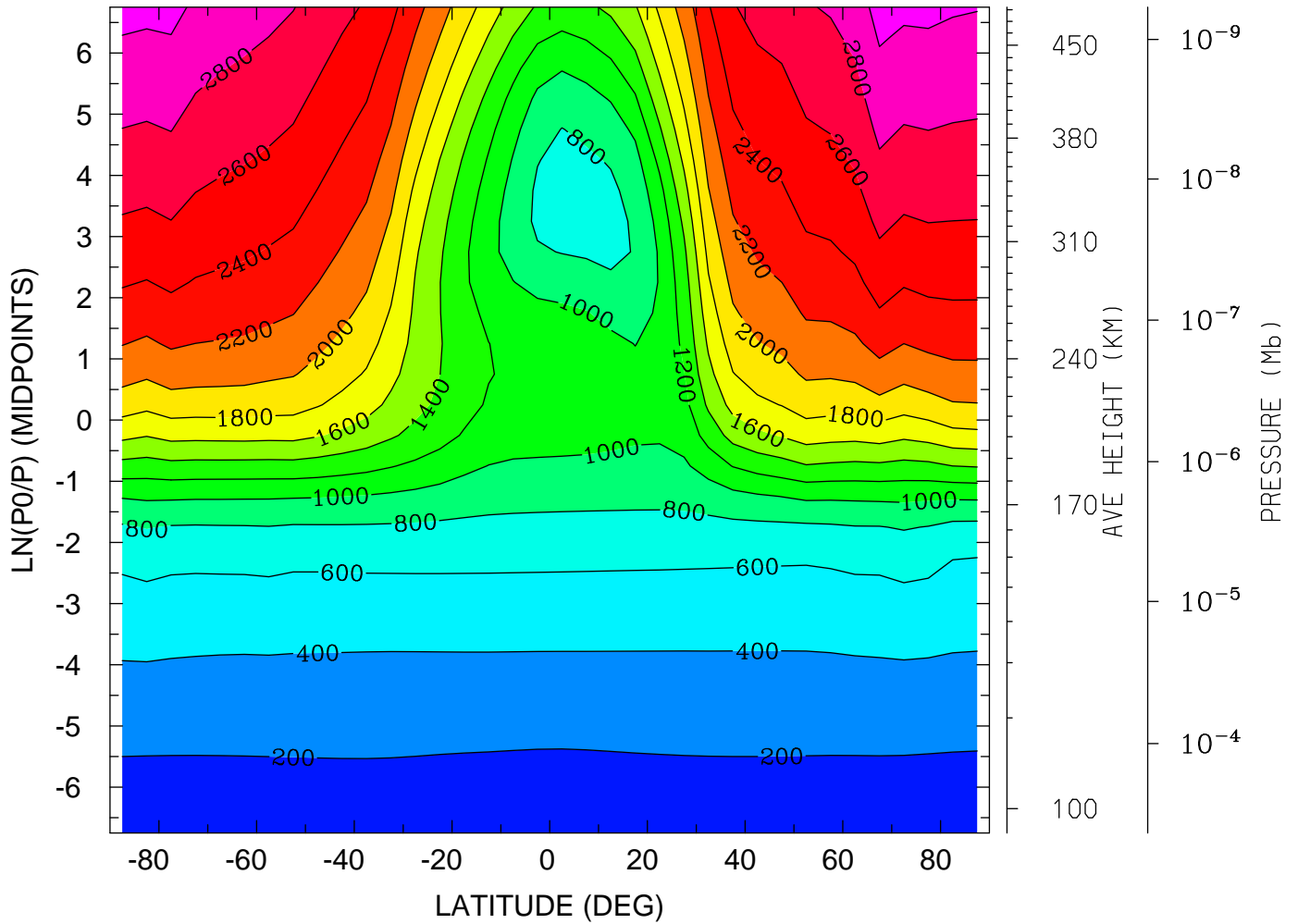
MIN,MAX= 3.0992E+00 5.2955E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

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



MIN,MAX= 3.5252E+00 5.9272E+00 INTERVAL= 2.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

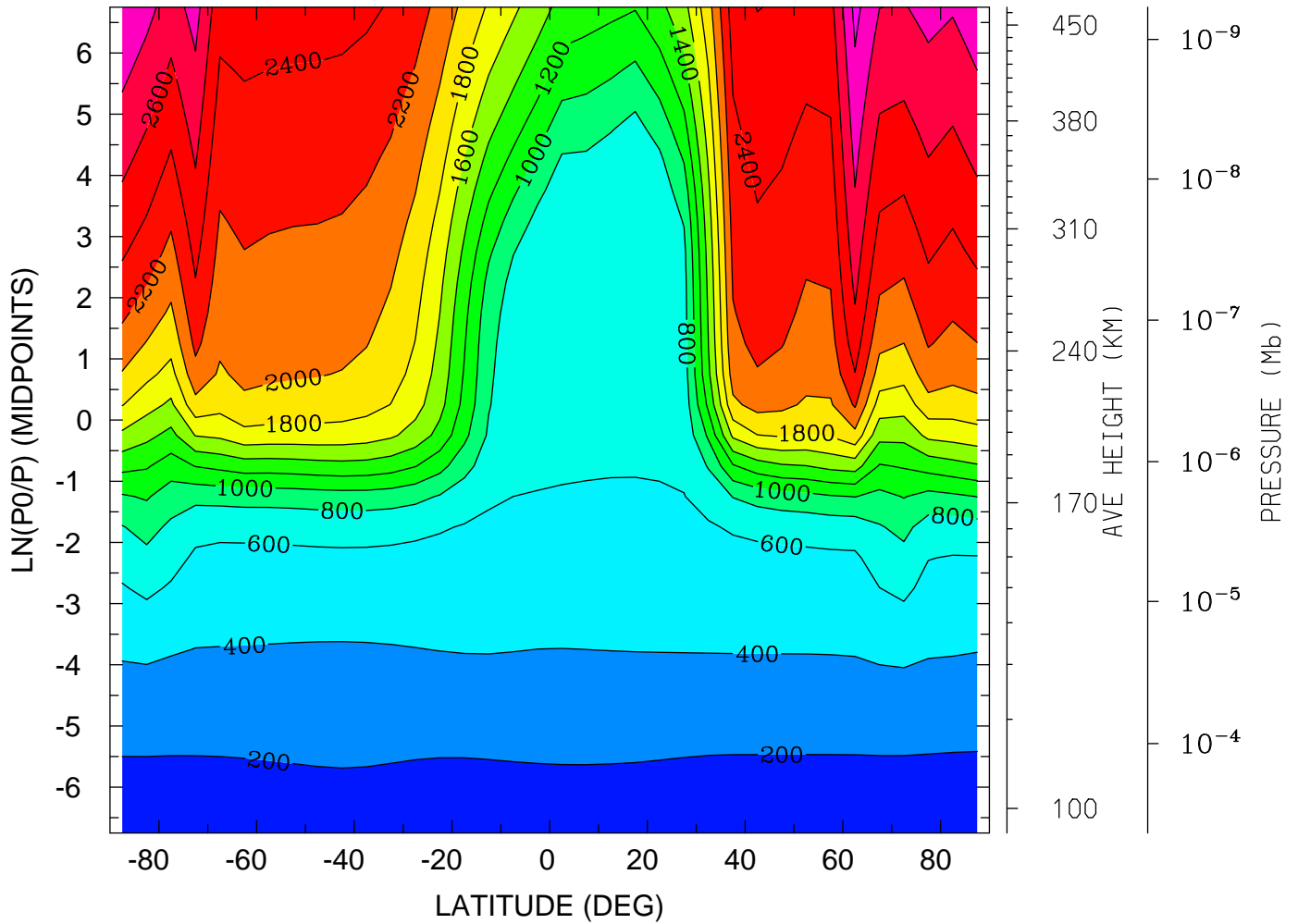
ELECTRON TEMPERATURE (DEG K)  
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= 1.6204E+02 3.0767E+03 INTERVAL= 2.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

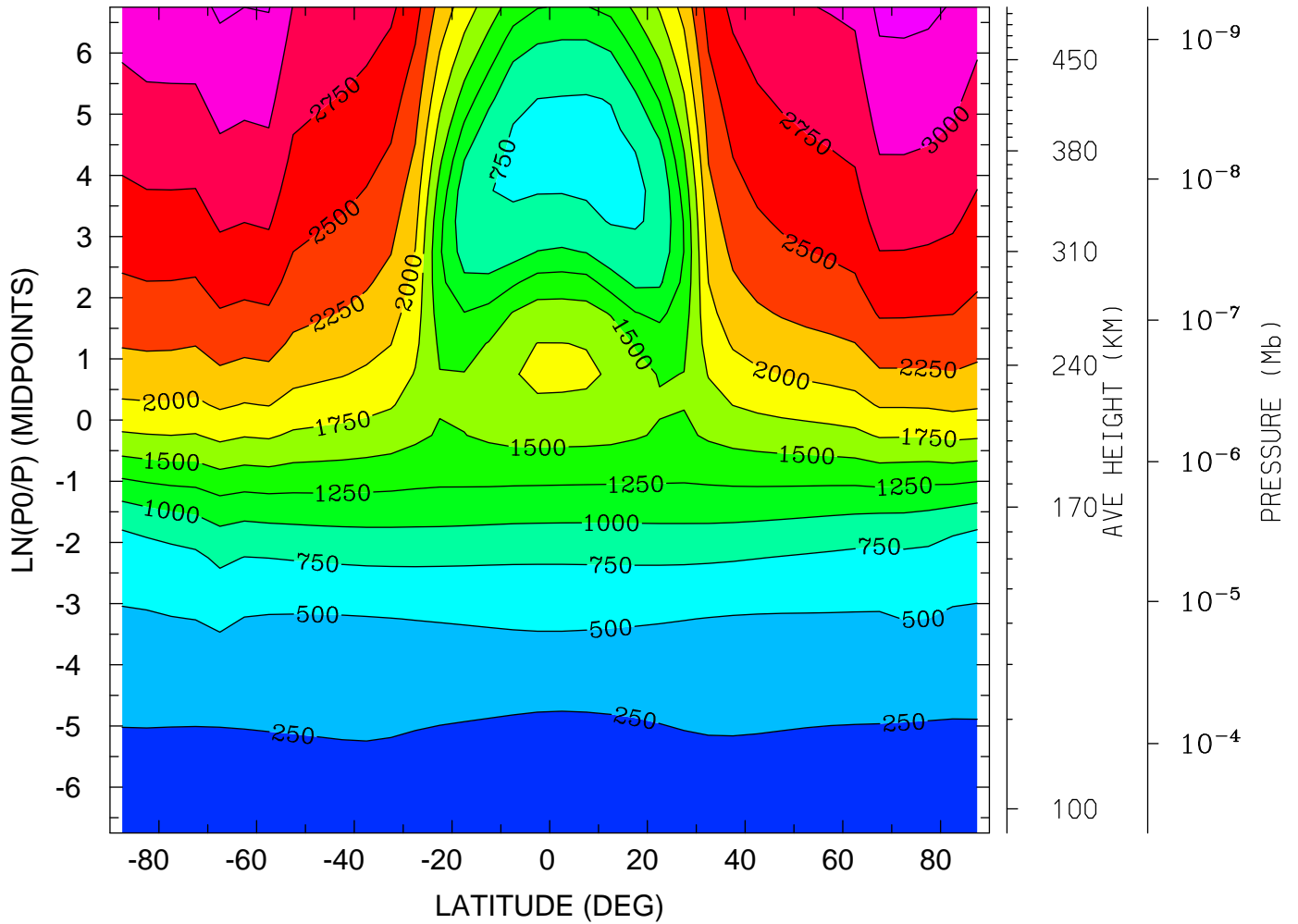
ELECTRON TEMPERATURE (DEG K)

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



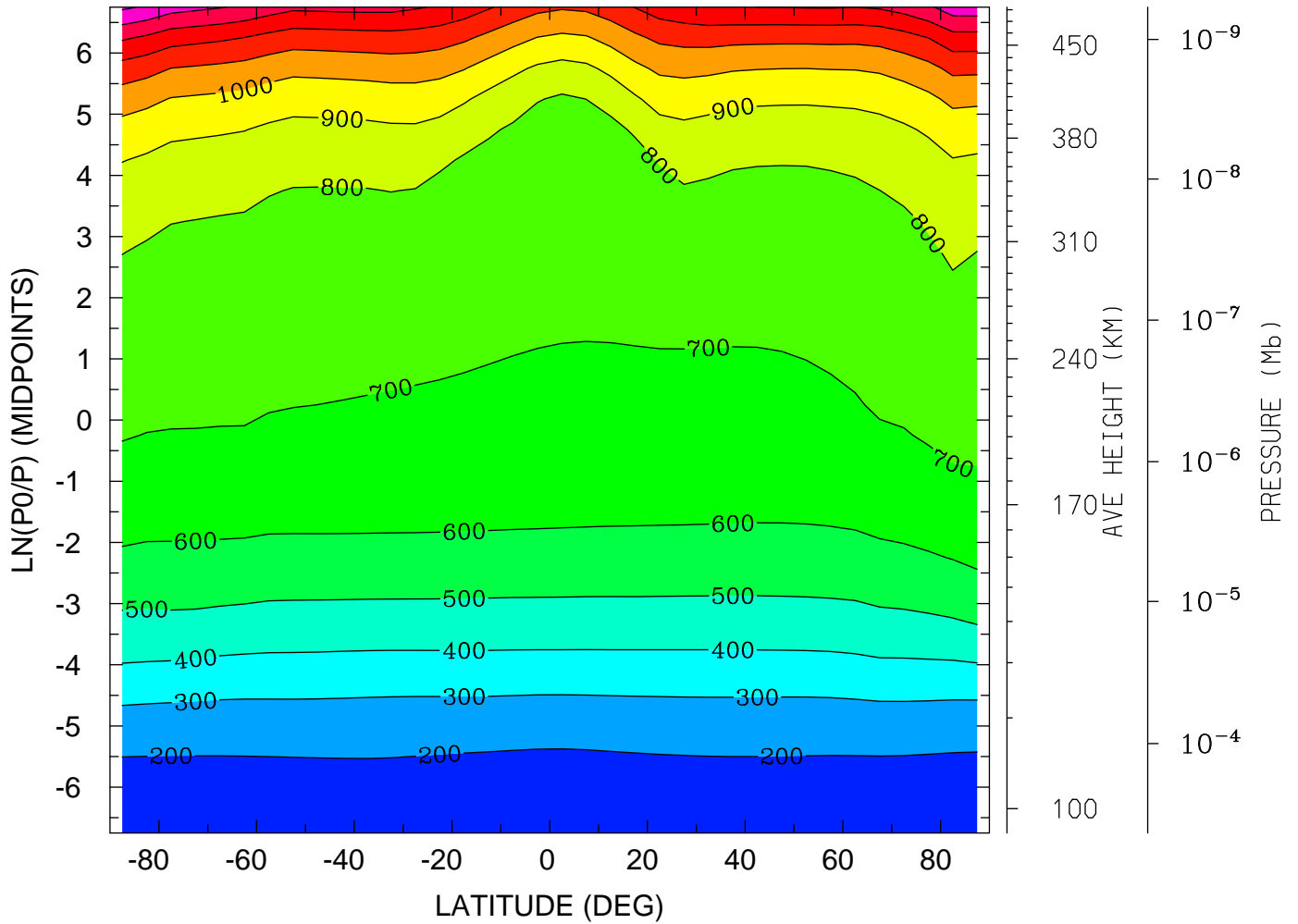
MIN,MAX= 1.5188E+02 3.0580E+03 INTERVAL= 2.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

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



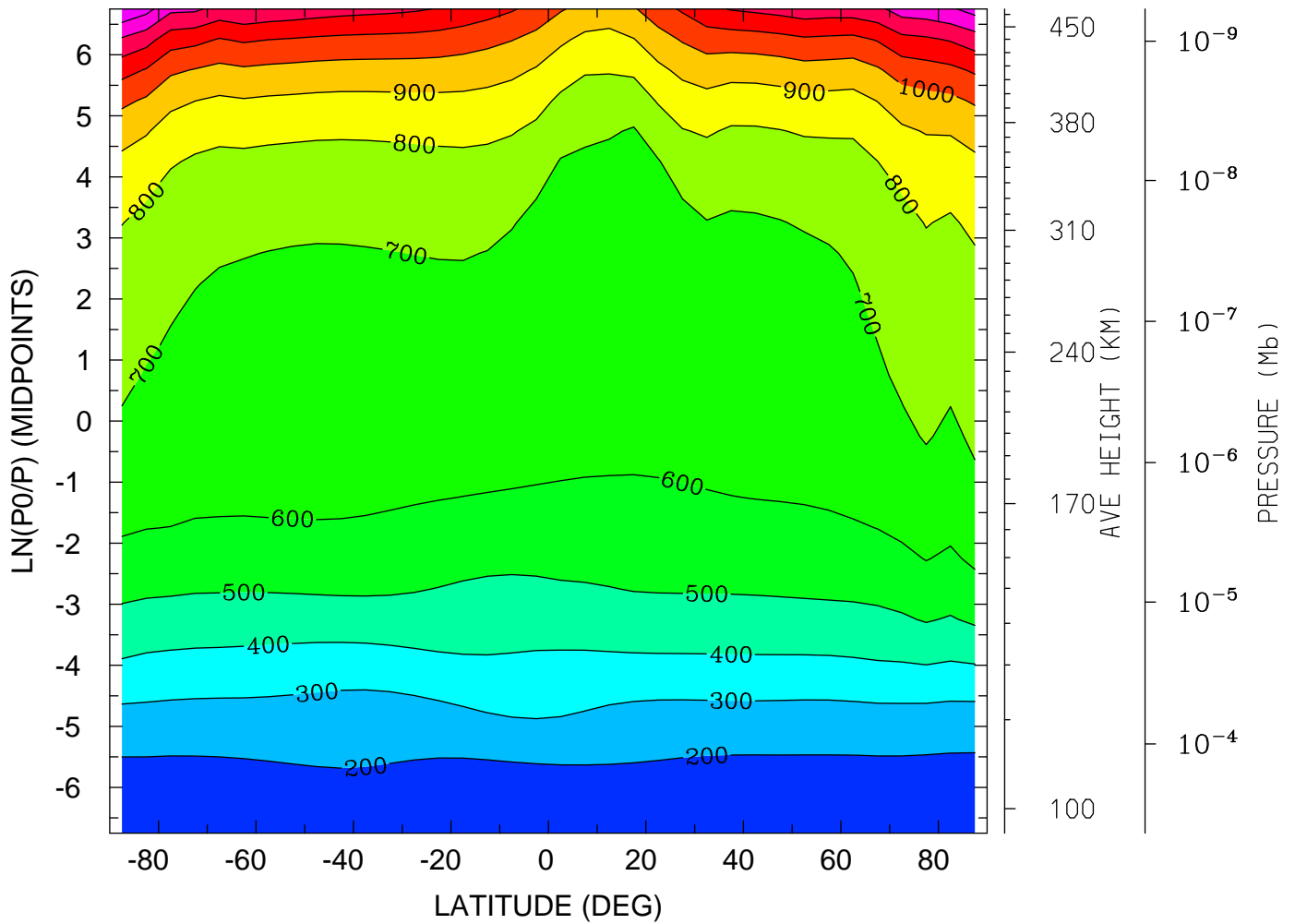
MIN,MAX= 1.5970E+02 3.3166E+03 INTERVAL= 2.5000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
YEAR 2002 UT= 0.00 ZONAL MEANS



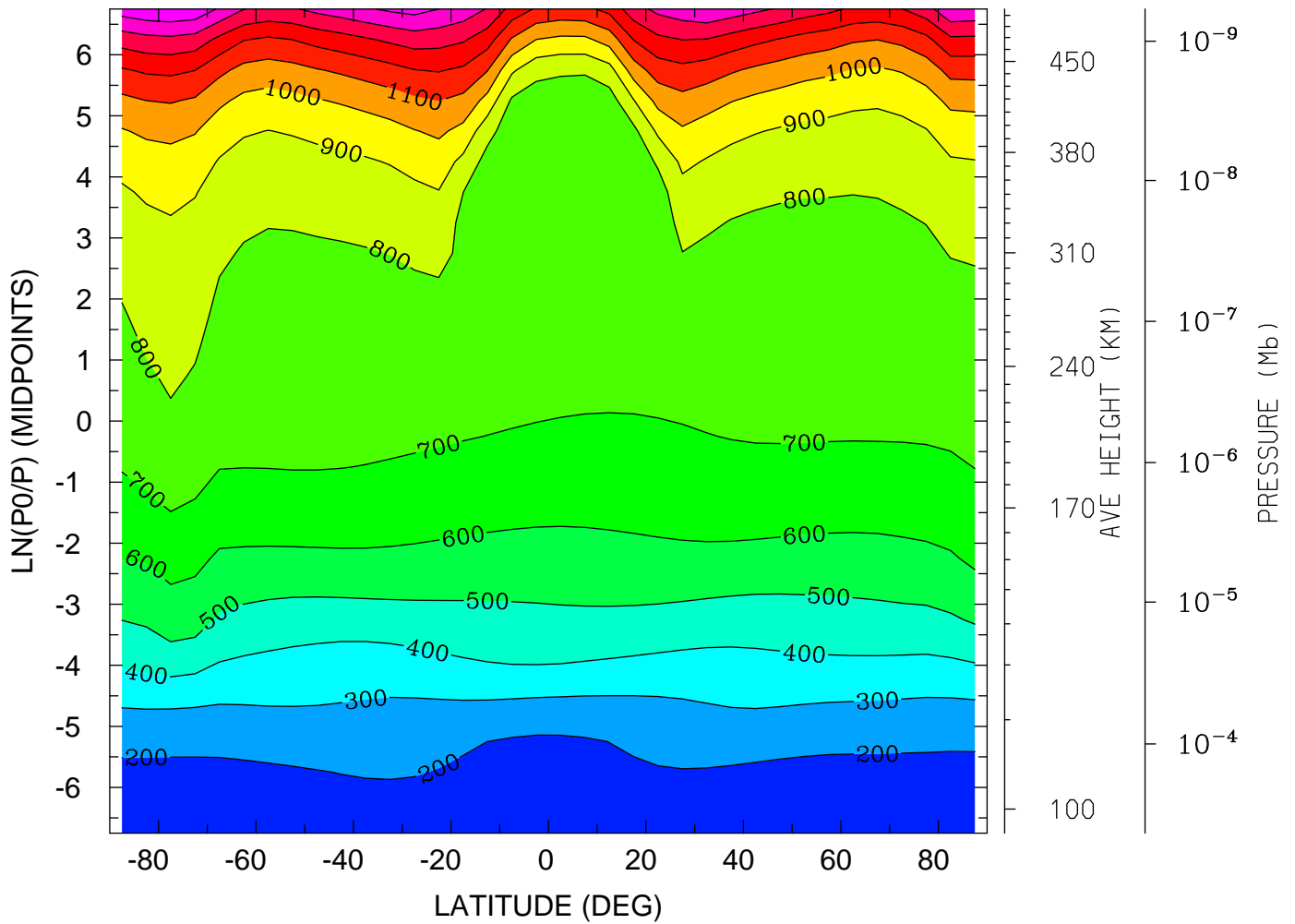
MIN,MAX= 1.6202E+02 1.5179E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



MIN,MAX= 1.5188E+02 1.4898E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

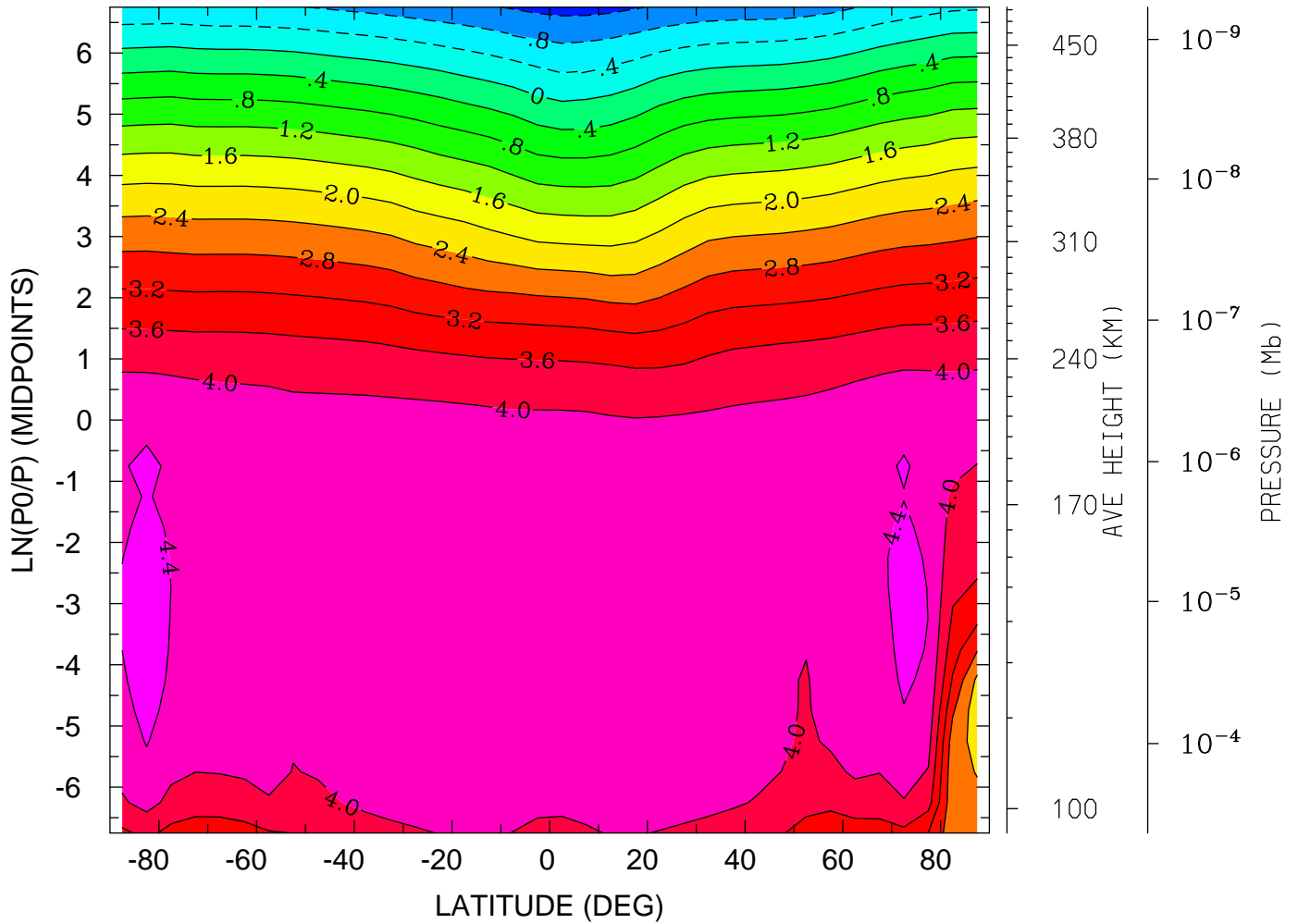
ION TEMPERATURE (DEG K)  
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= 1.5971E+02 1.5903E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

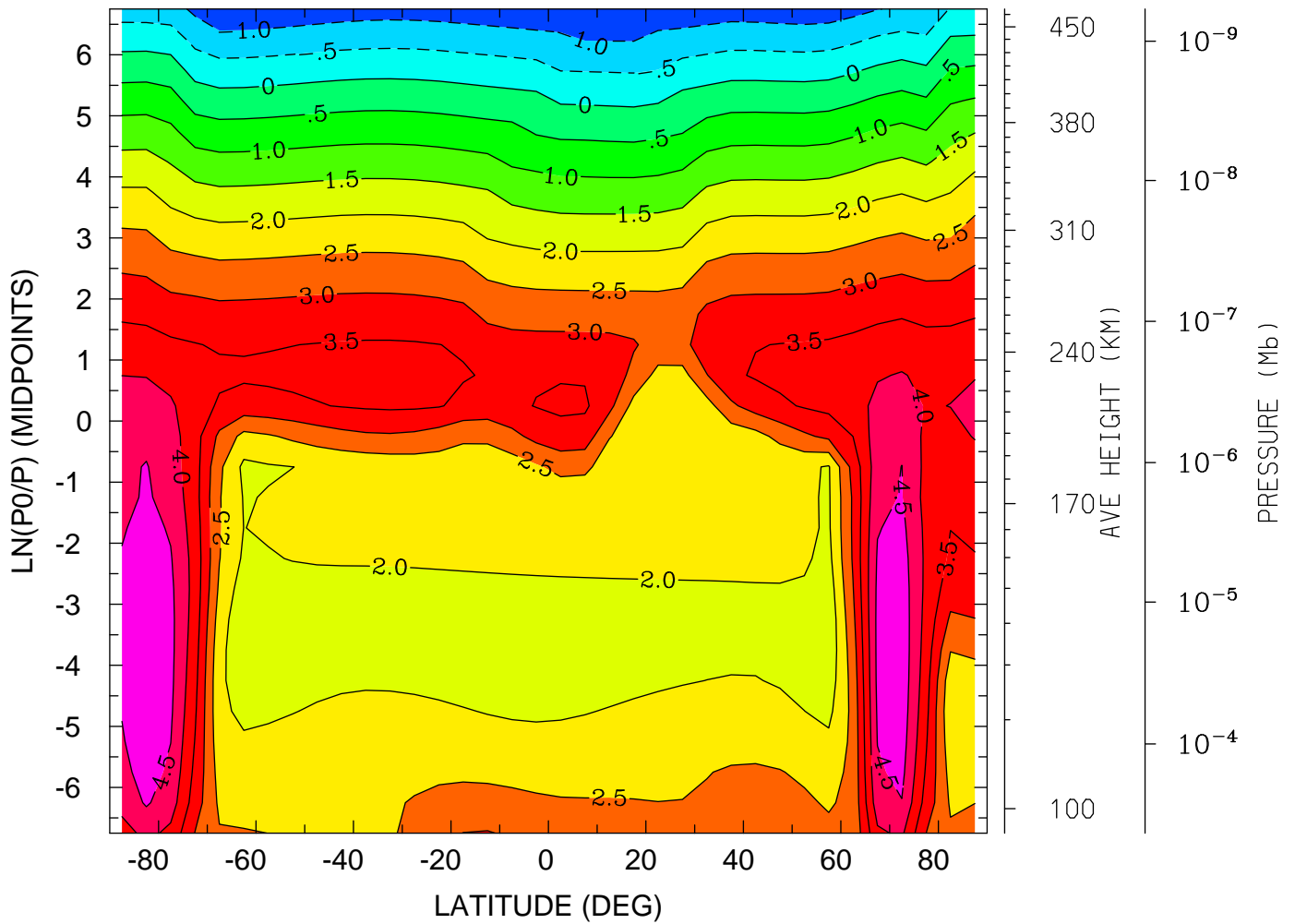


LOG10 O2+ ION (CM3)  
YEAR 2002 UT= 0.00 ZONAL MEANS



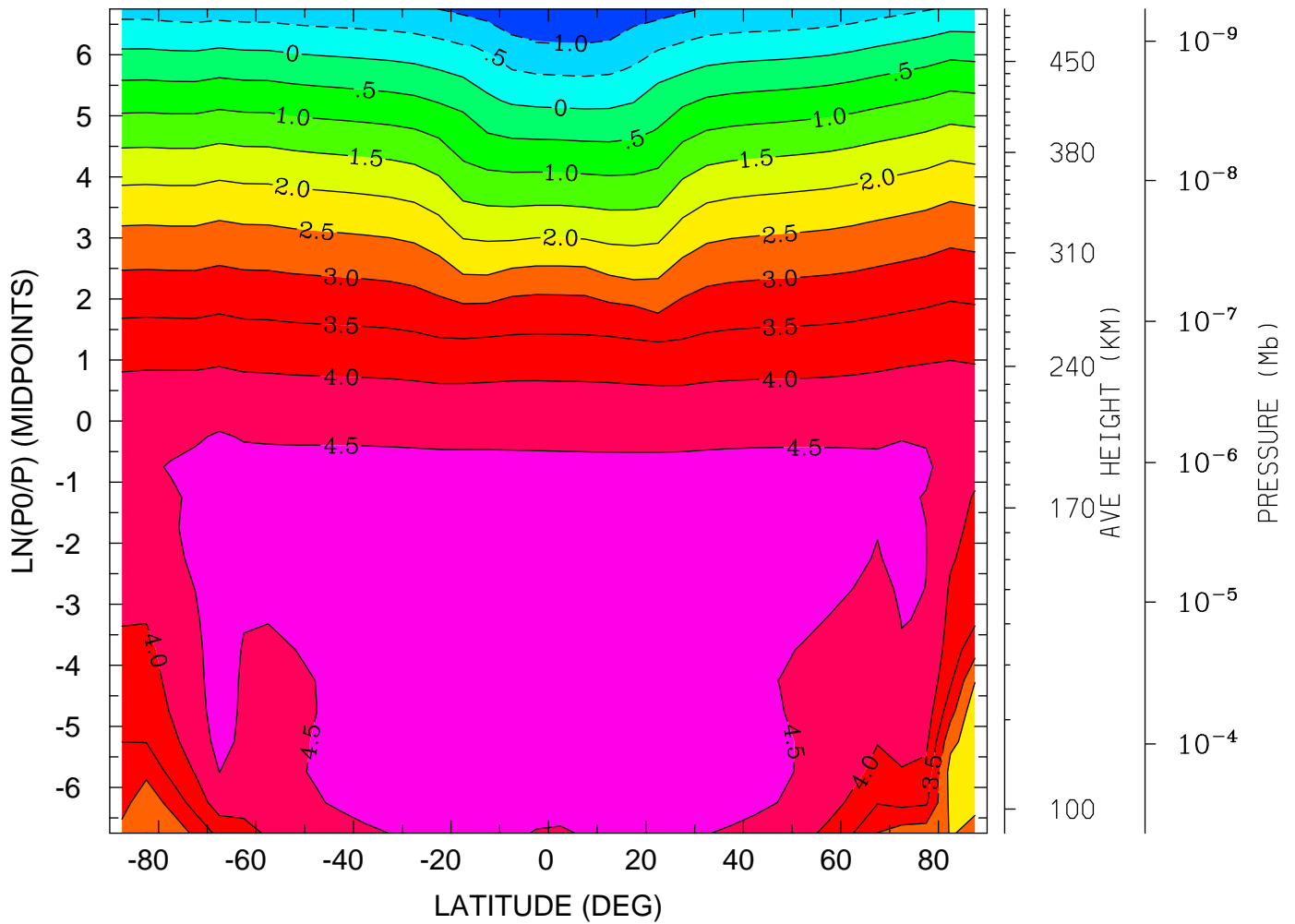
MIN,MAX= -1.3299E+00 4.5633E+00 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O2+ ION (CM3)  
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



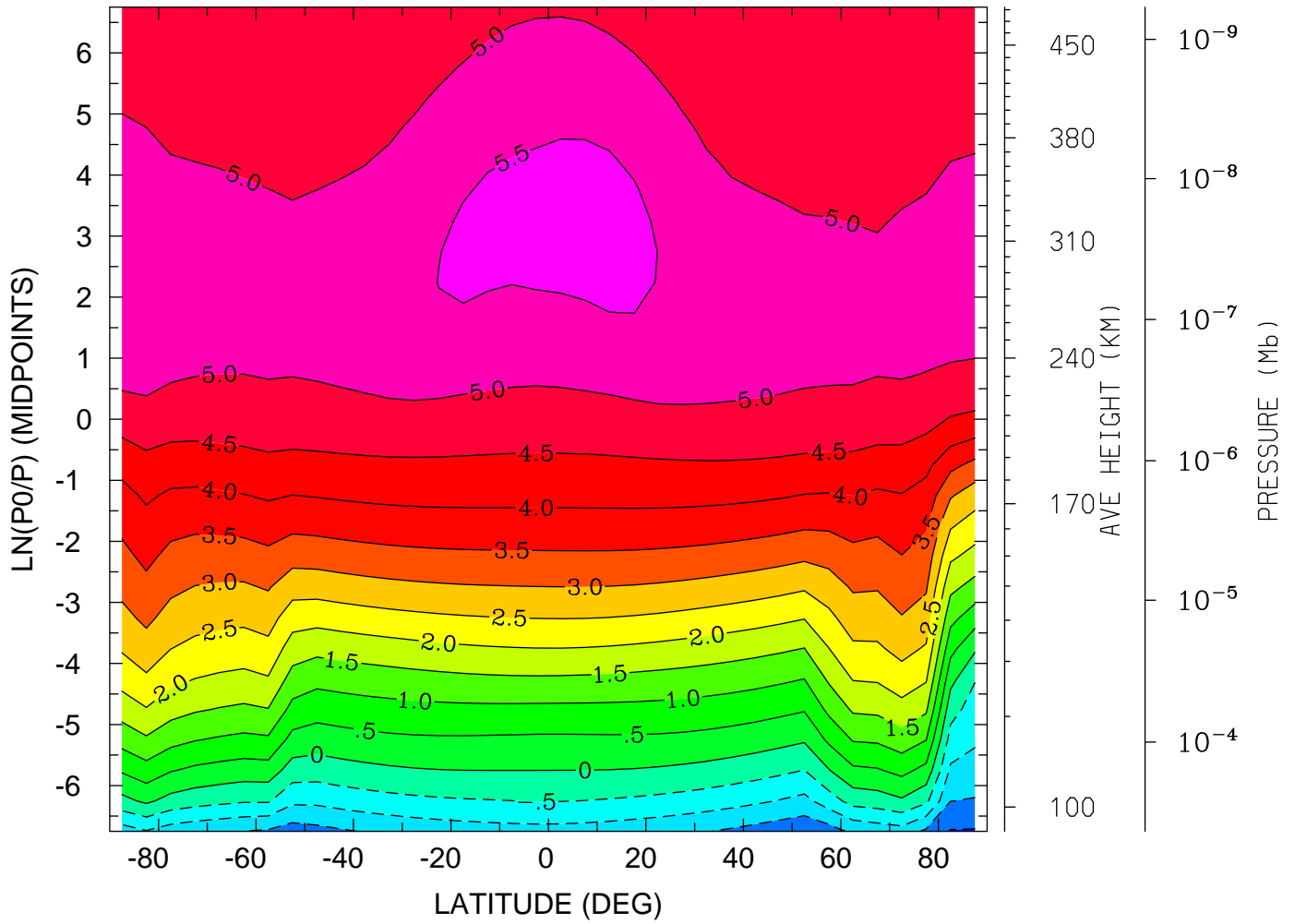
MIN,MAX= -1.4272E+00 4.9003E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O2+ ION (CM3)  
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



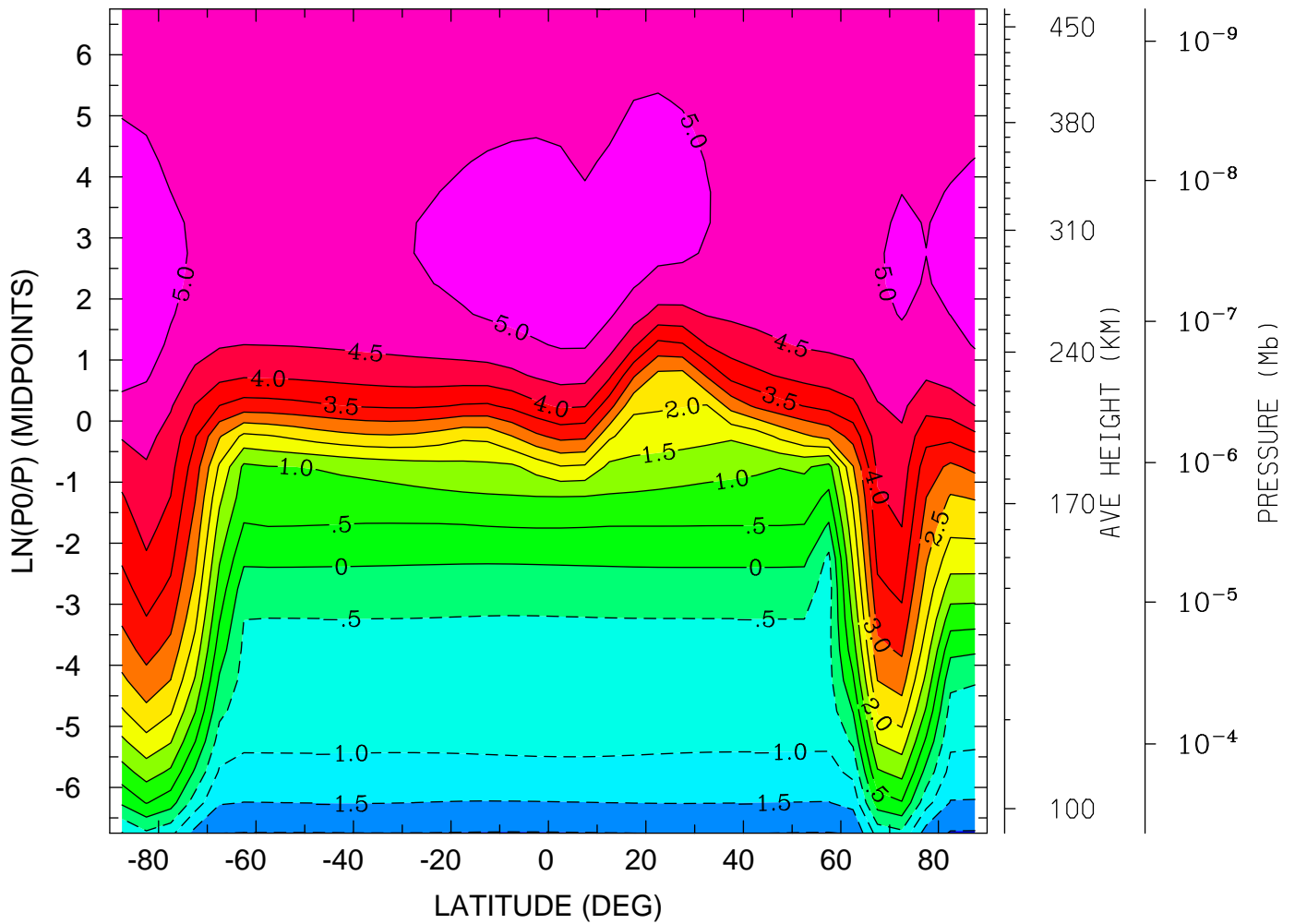
MIN,MAX= -1.4214E+00 4.8467E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O+ ION (CM3)  
YEAR 2002 UT= 0.00 ZONAL MEANS



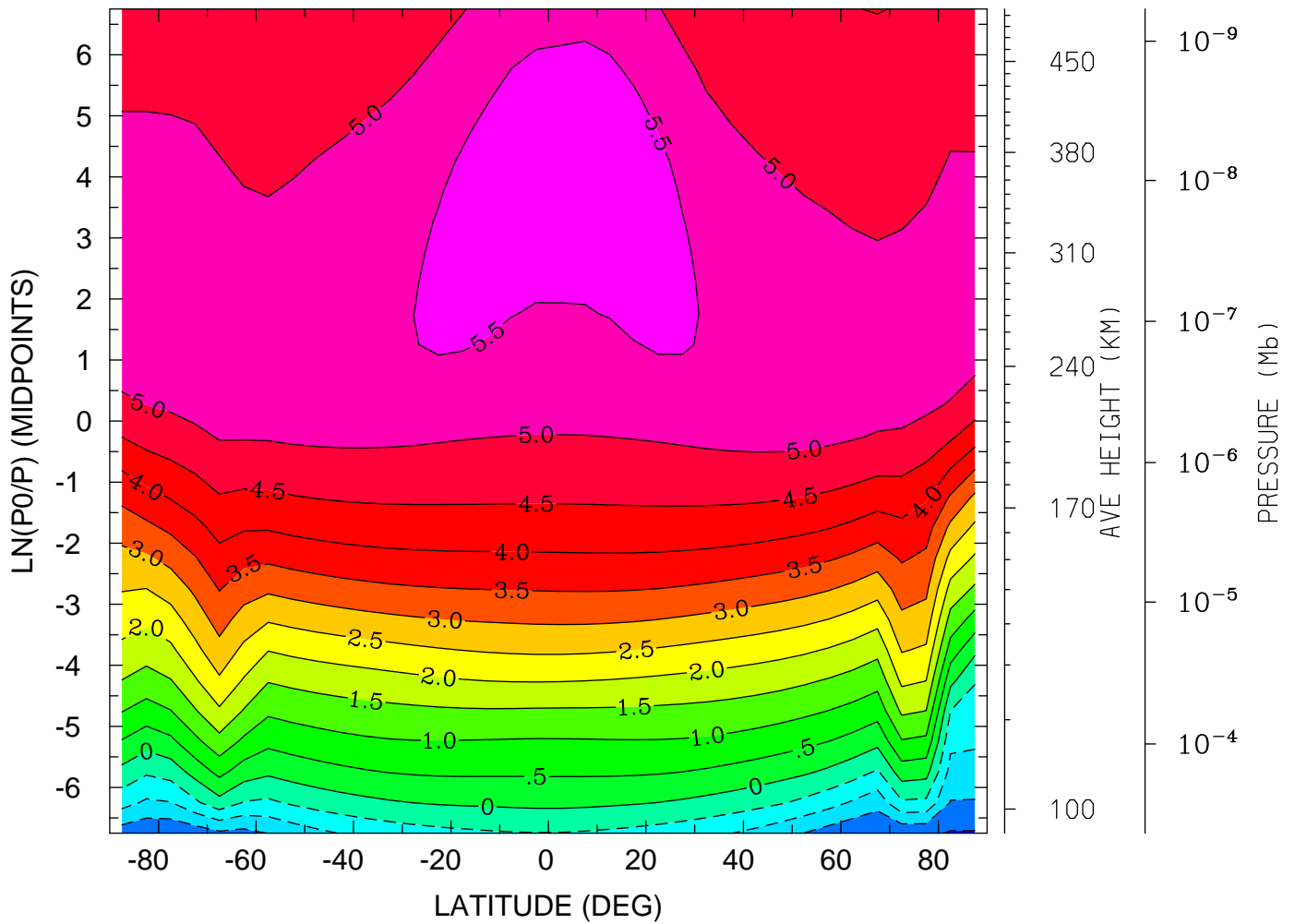
MIN,MAX= -2.0416E+00 5.6311E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O+ ION (CM3)  
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



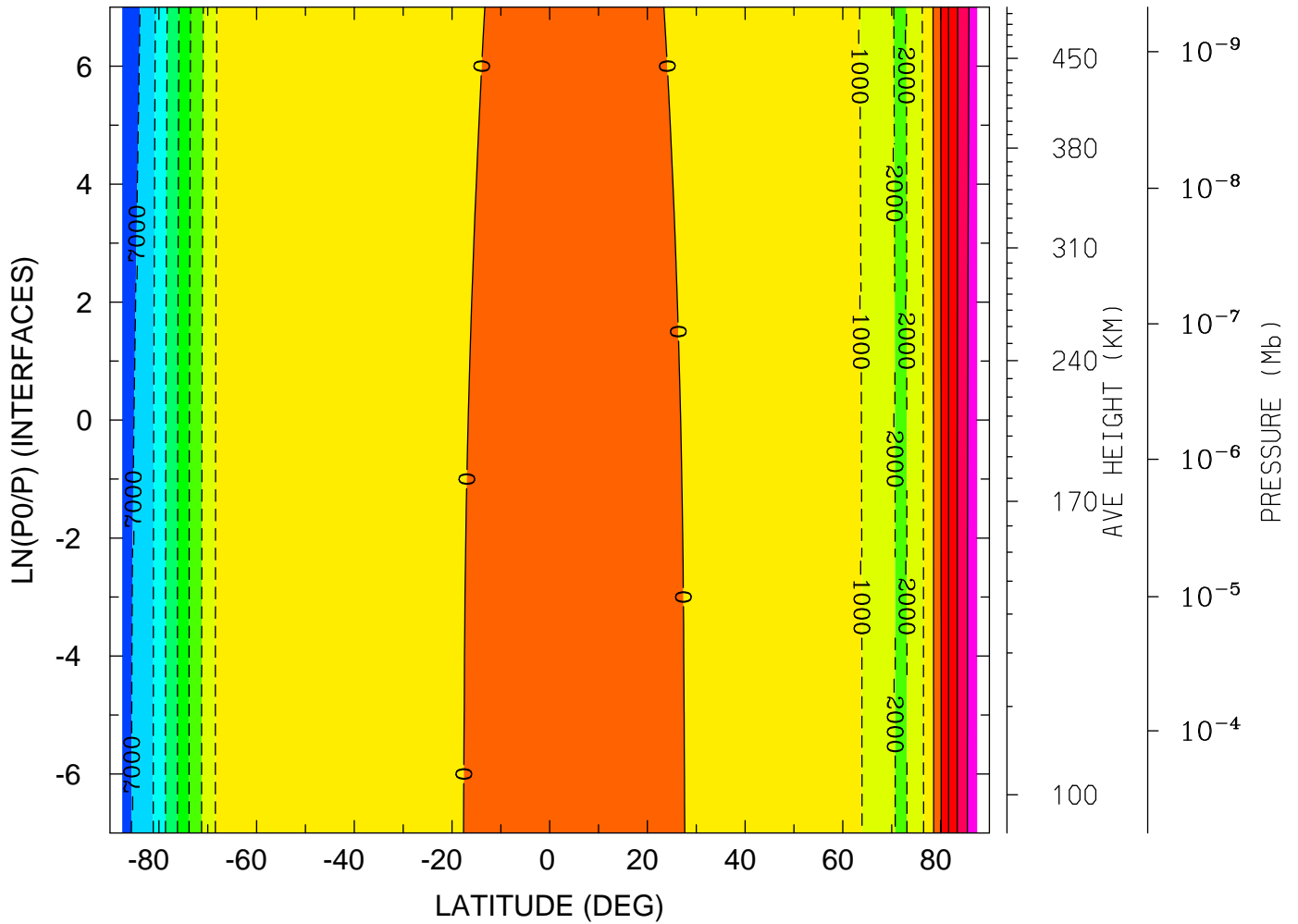
MIN,MAX= -2.0410E+00 5.2811E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O+ ION (CM3)  
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= -2.0423E+00 5.9321E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

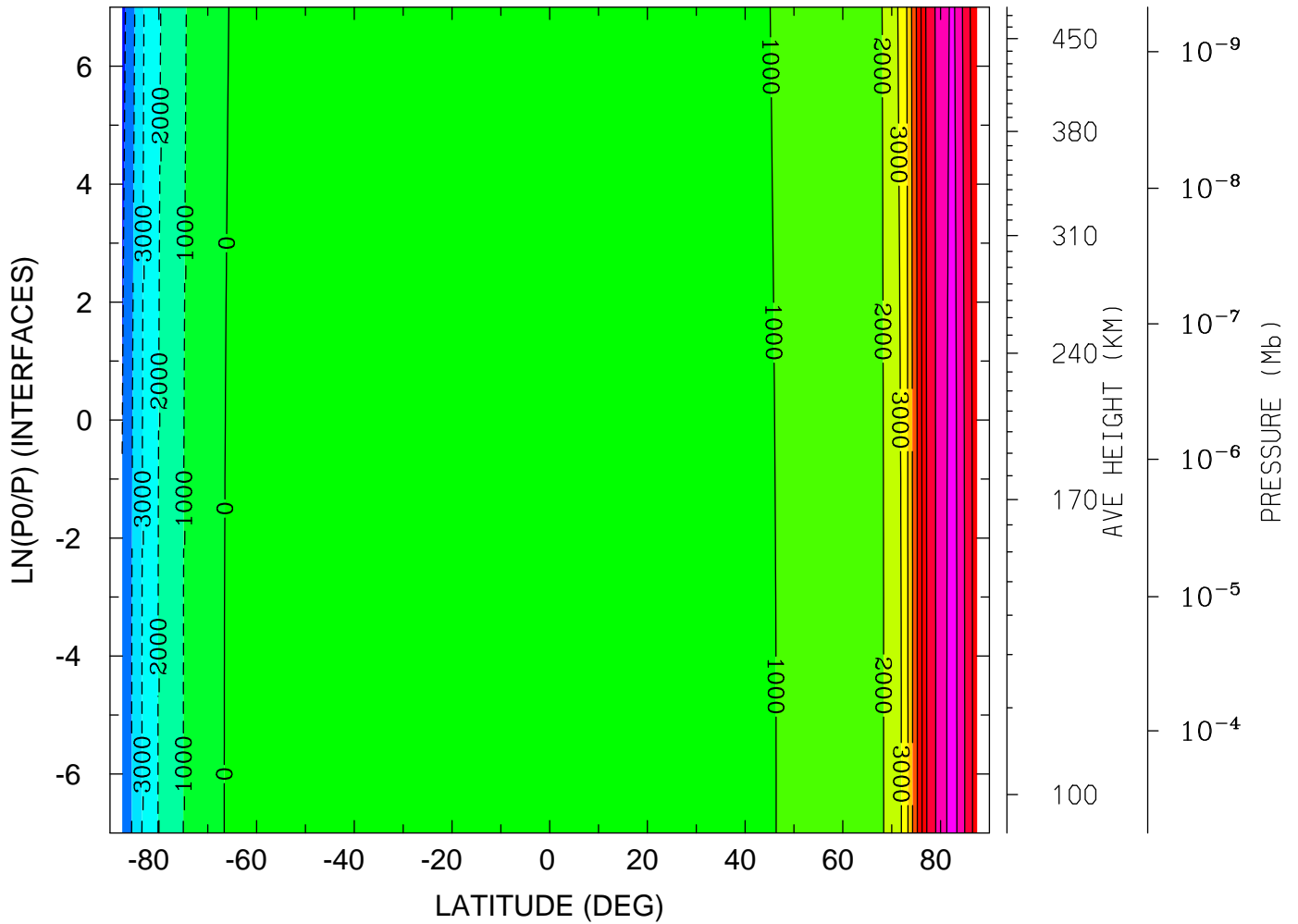
ELECTRIC POTENTIAL (VOLTS)  
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= -7.7209E+03 4.9683E+03 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)

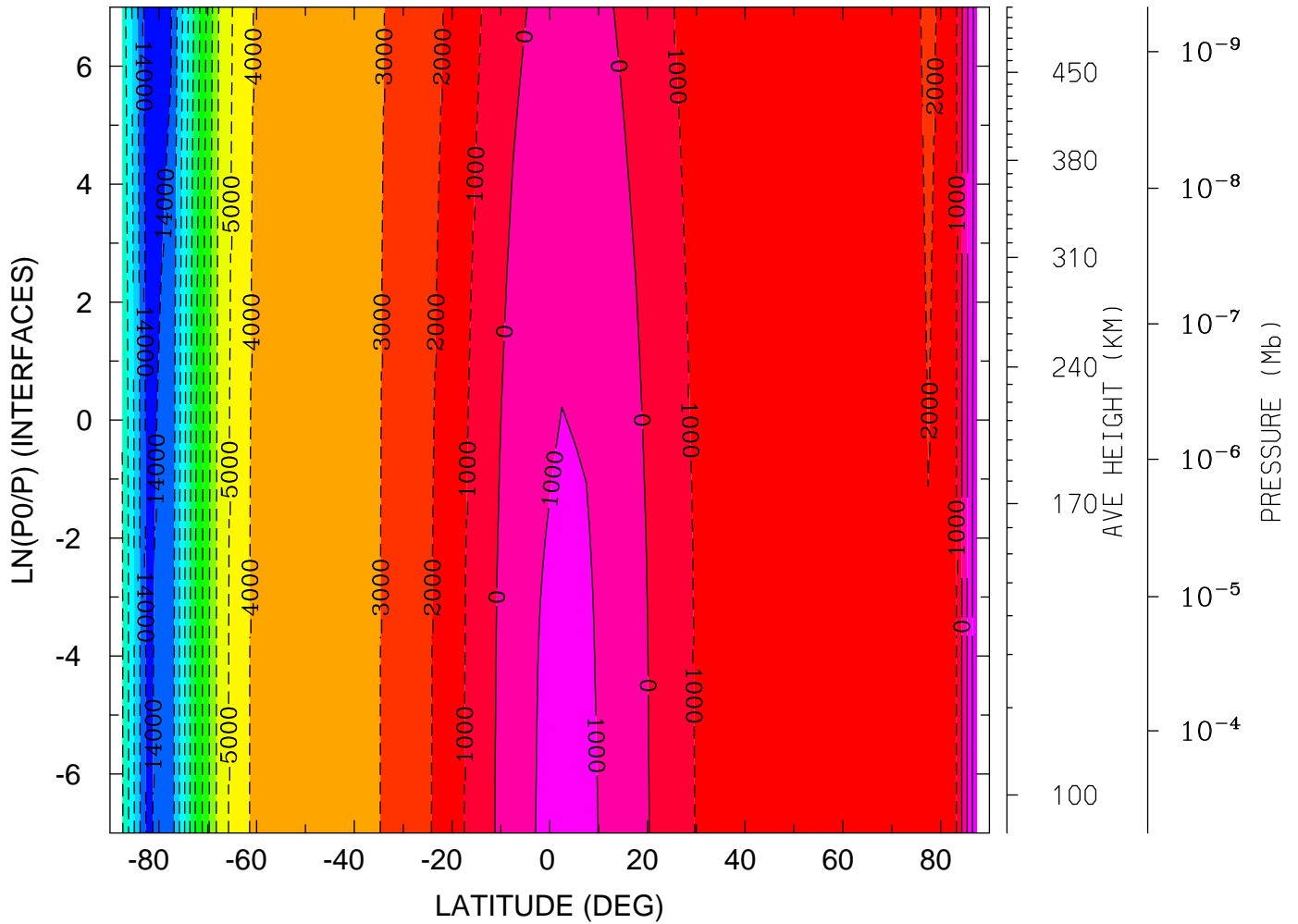
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



MIN,MAX= -5.3490E+03 1.0535E+04 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

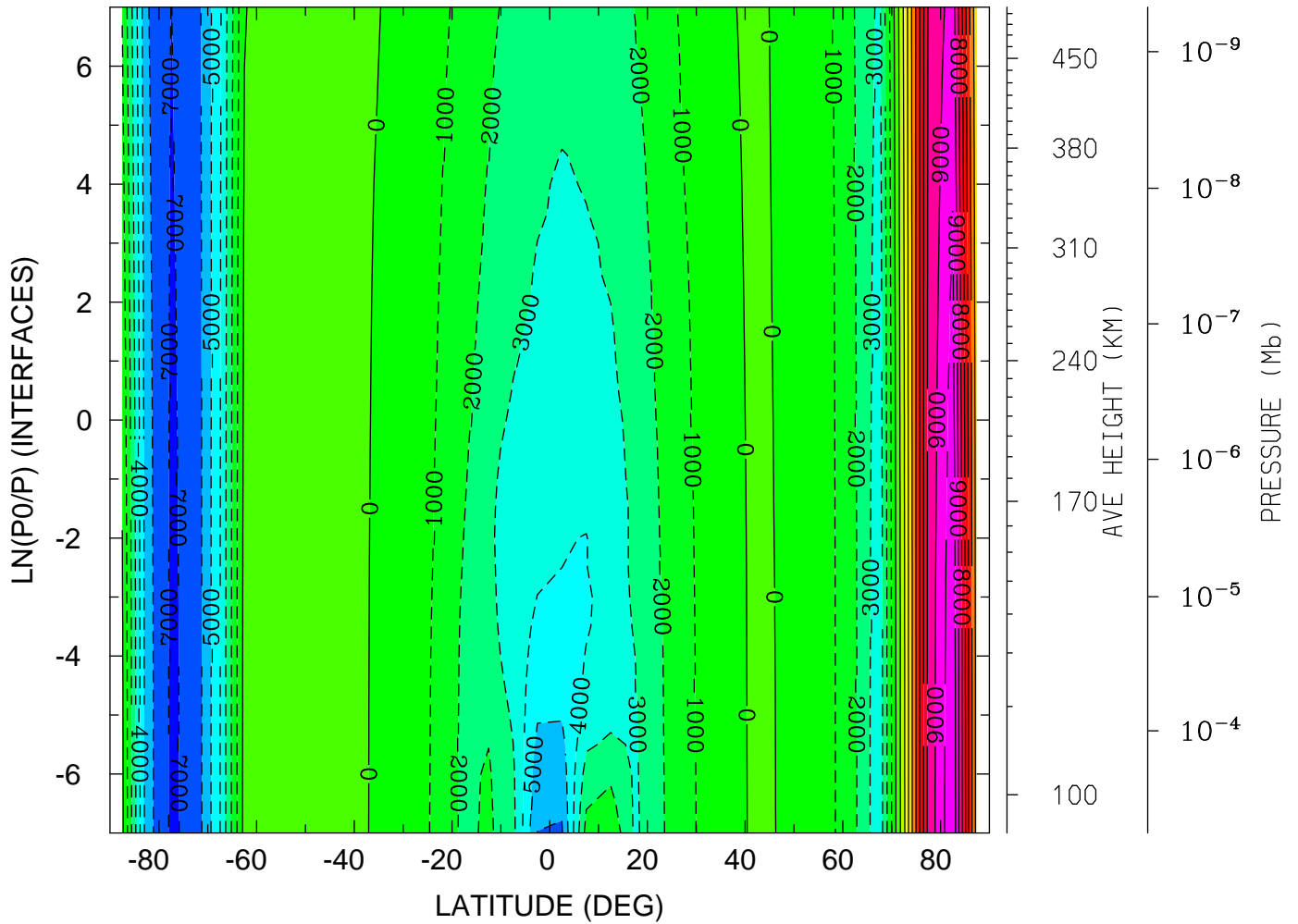


ELECTRIC POTENTIAL (VOLTS)  
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



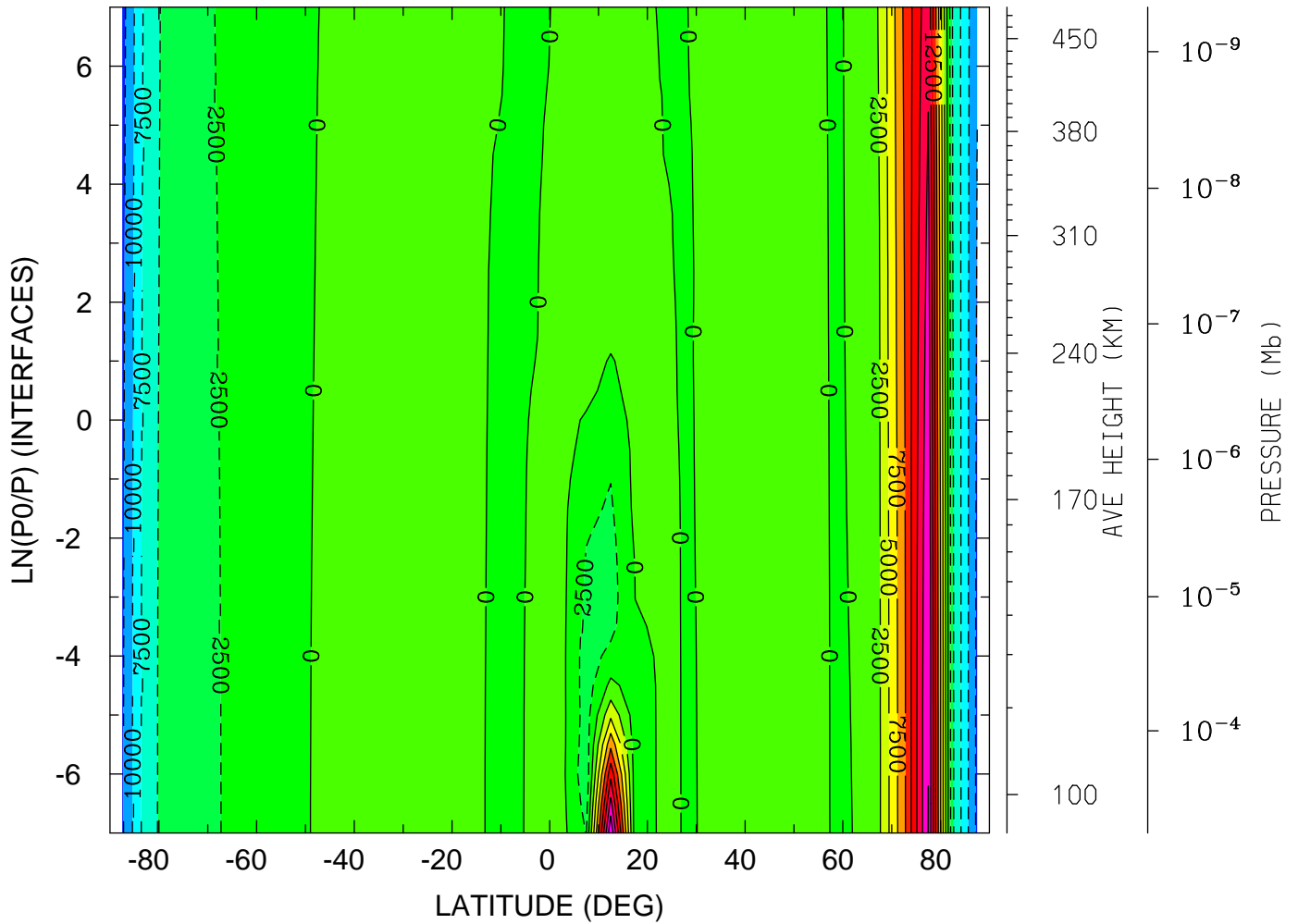
MIN,MAX= -1.4477E+04 2.8549E+03 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
YEAR 2002 UT= 0.00 ZONAL MEANS



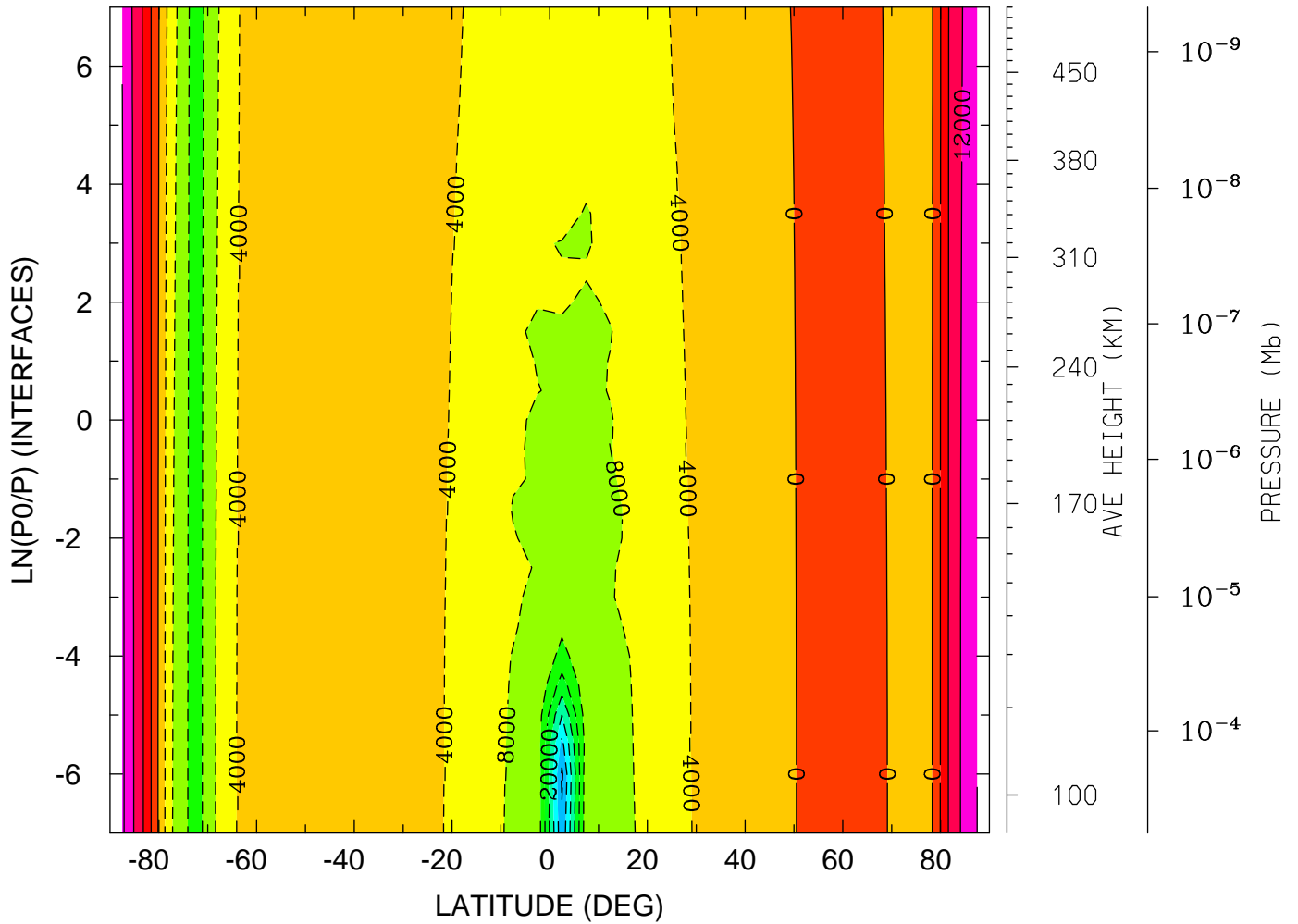
MIN,MAX= -7.1616E+03 1.0847E+04 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
 YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



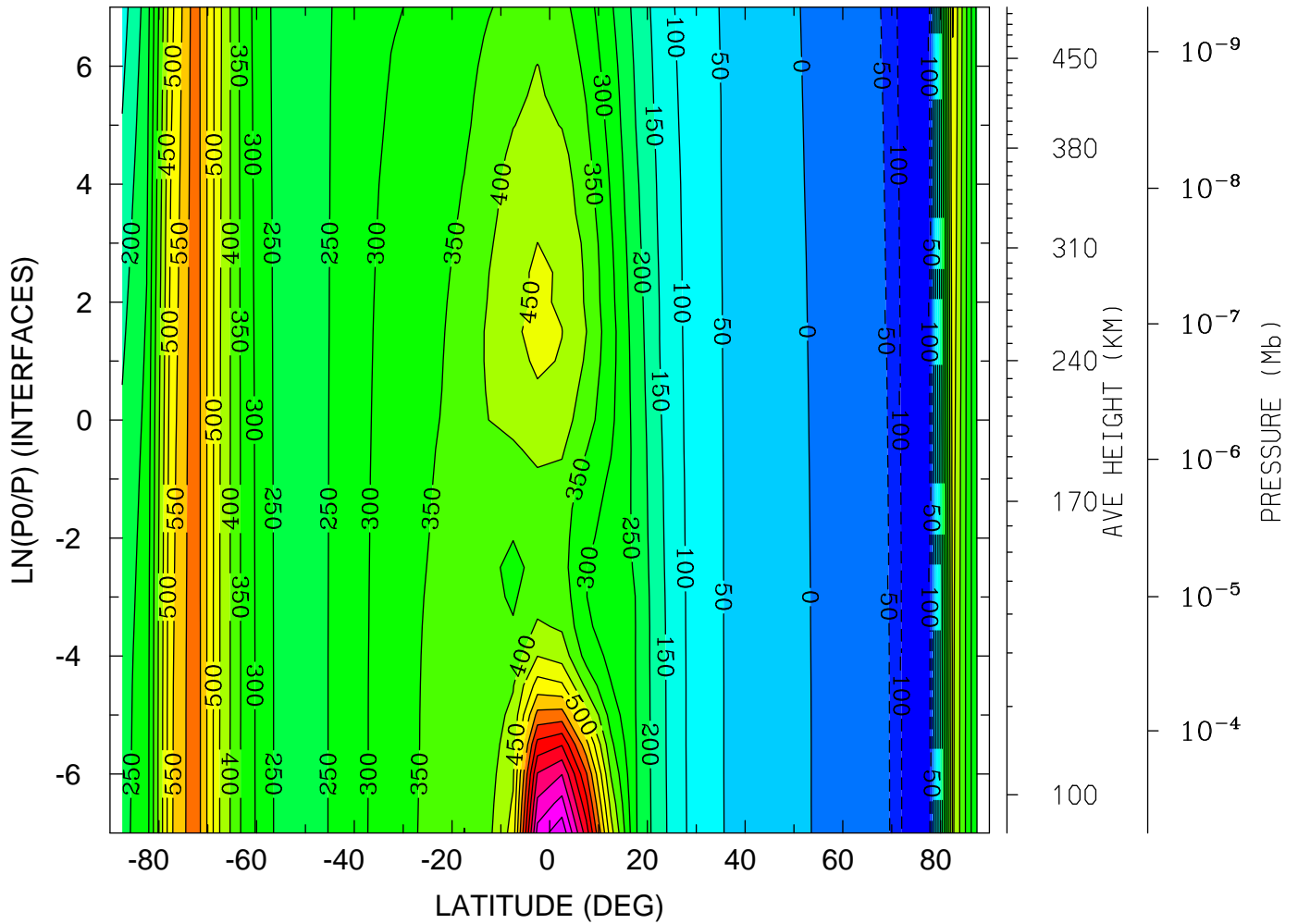
MIN,MAX= -1.3451E+04 2.2310E+04 INTERVAL= 2.5000E+03  
 tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
 tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



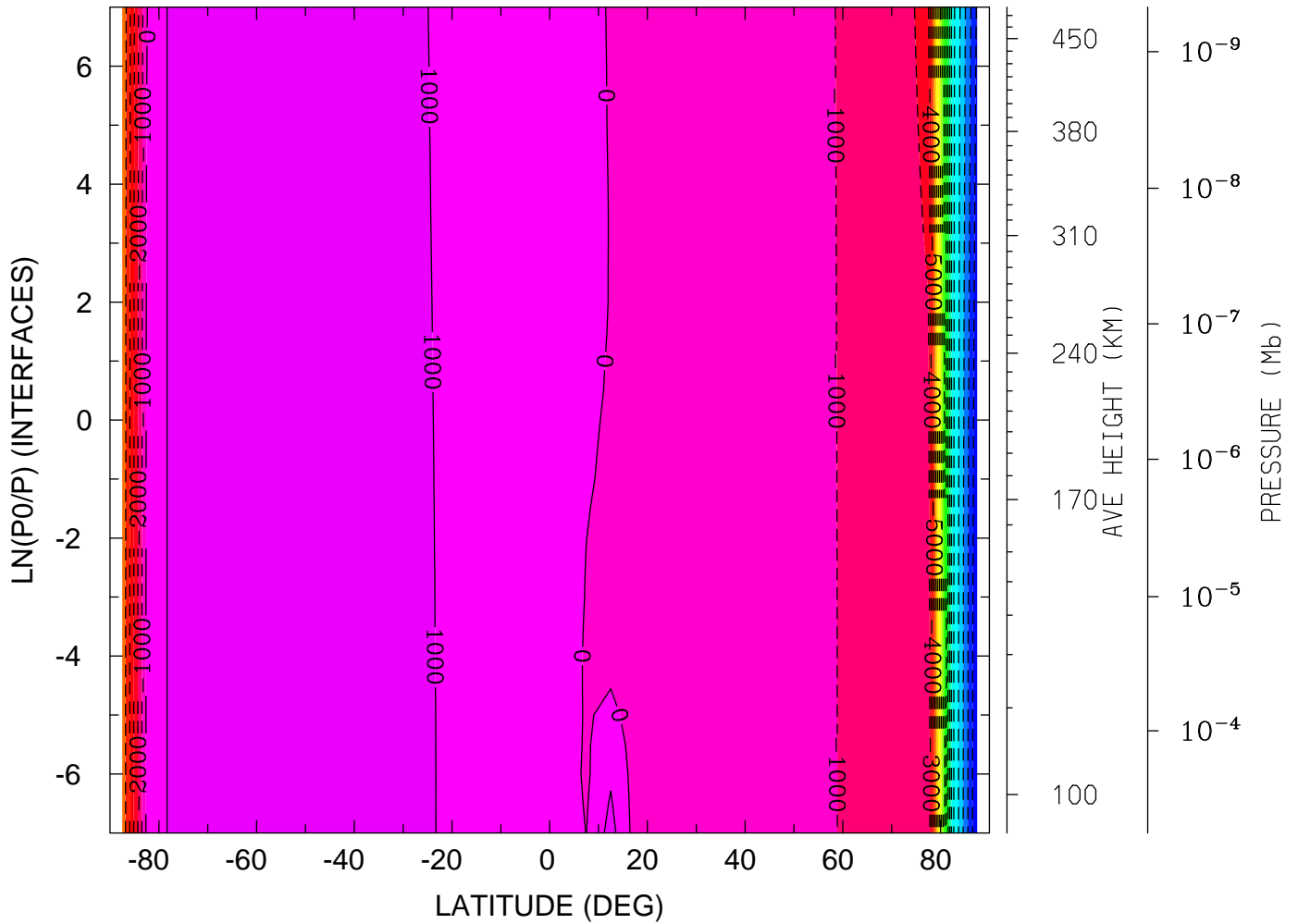
MIN,MAX= -3.2741E+04 1.6797E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
YEAR 2002 UT= 0.00 ZONAL MEANS



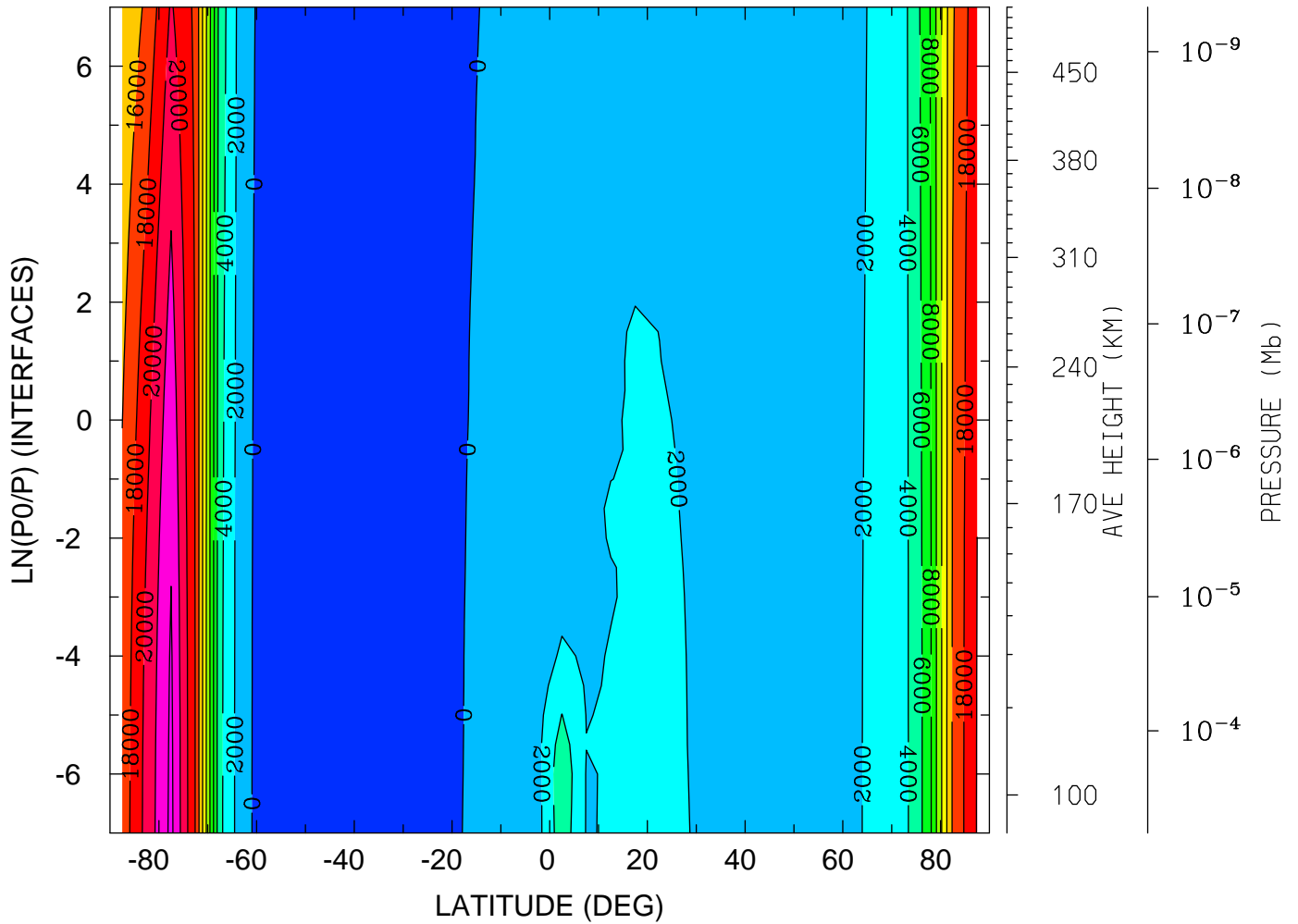
MIN,MAX= -1.4158E+02 9.8704E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
 YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



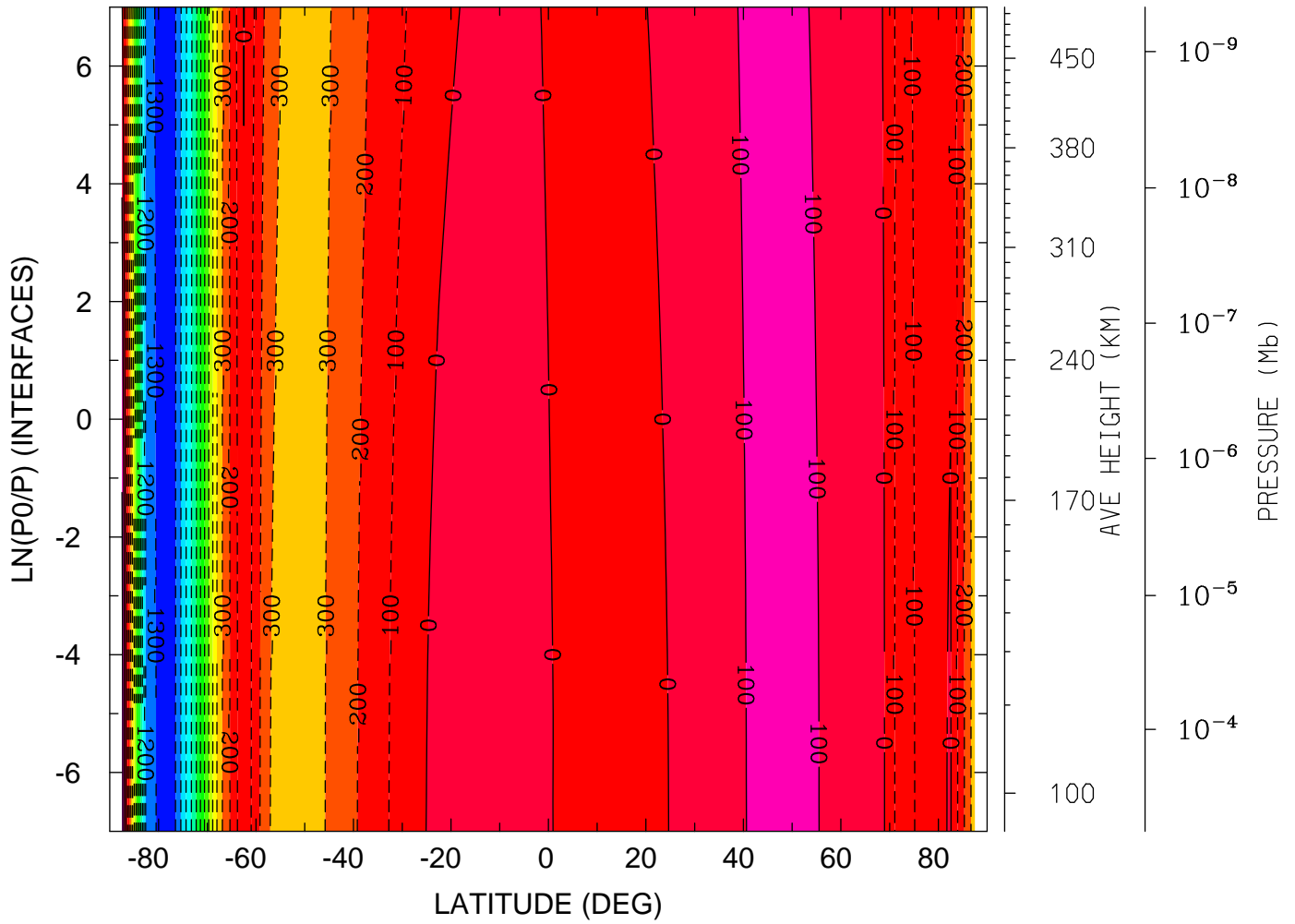
MIN,MAX= -2.0970E+04 1.4677E+03 INTERVAL= 1.0000E+03  
 tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
 tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= -1.4250E+03 2.4482E+04 INTERVAL= 2.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

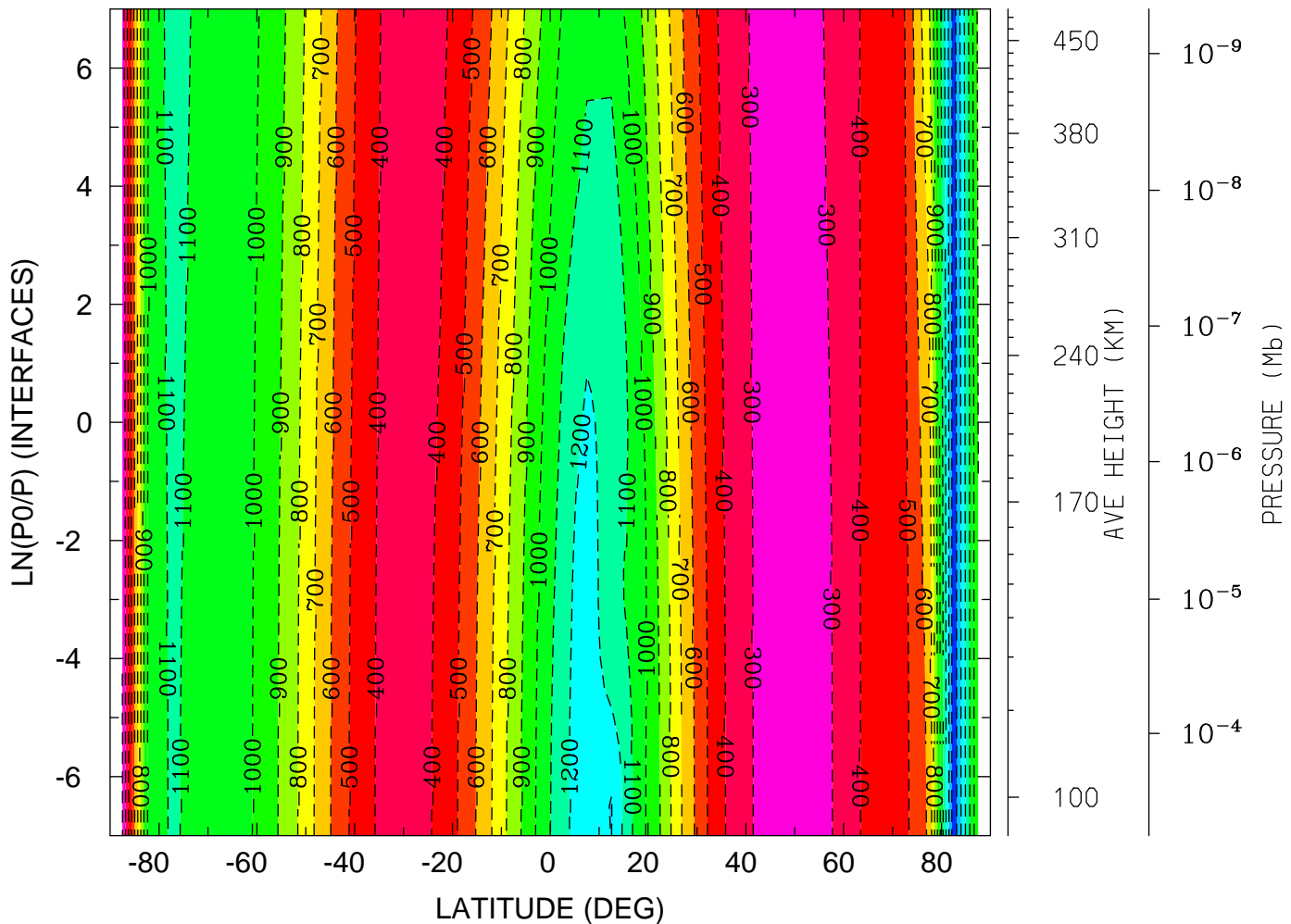
WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= -1.3932E+03 2.4809E+02 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

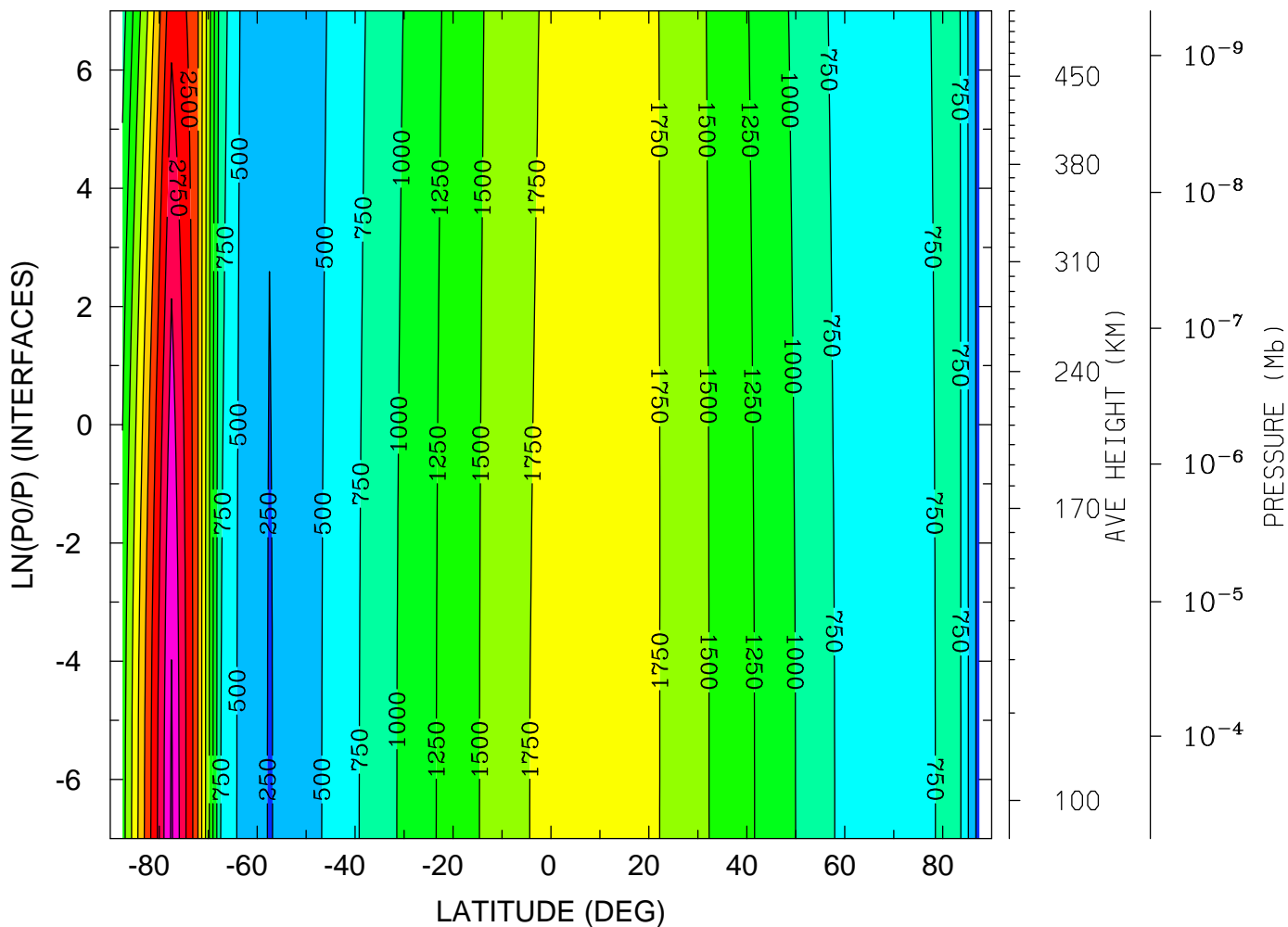


WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



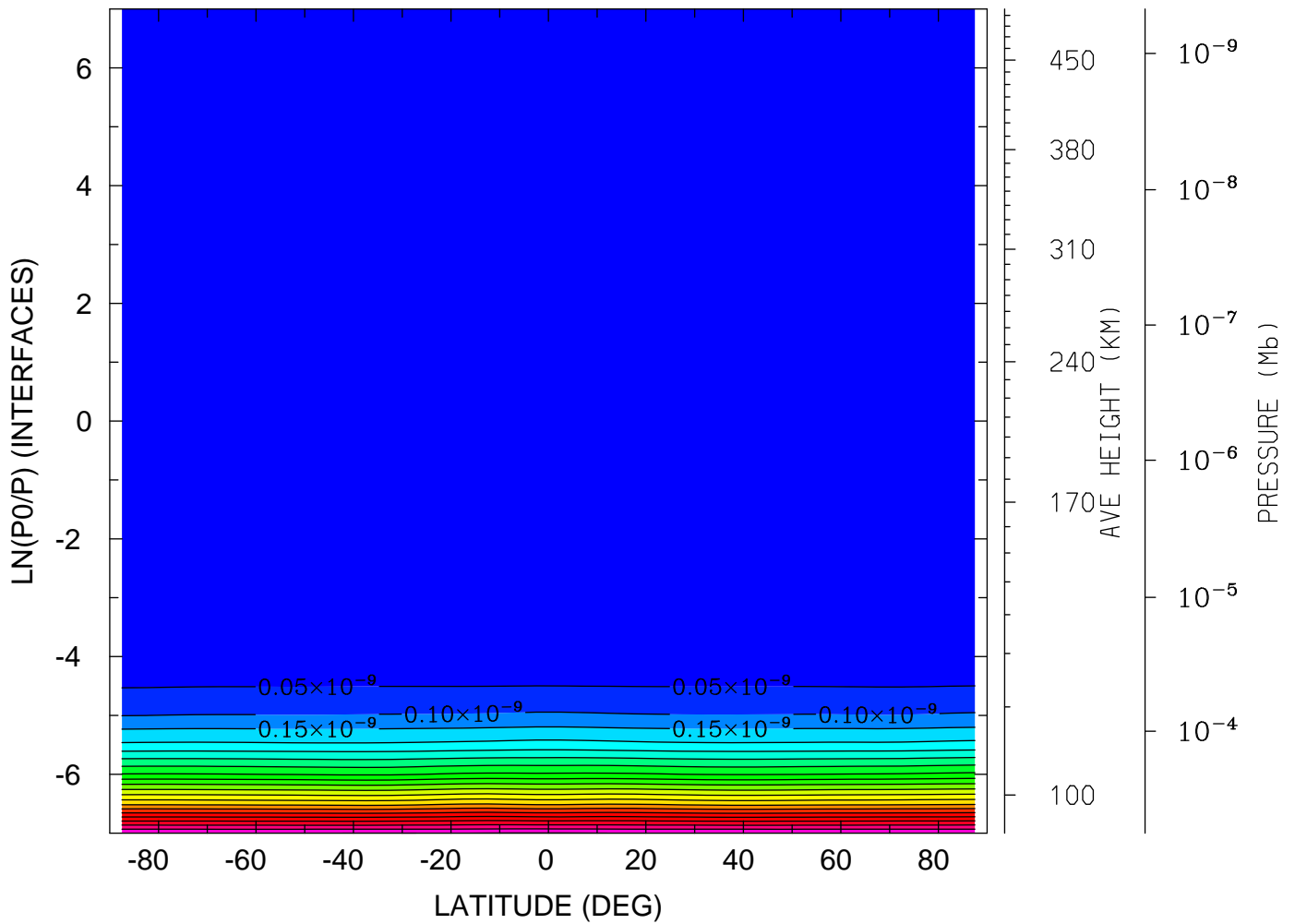
MIN,MAX= -1.4673E+03 -1.9691E+02 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



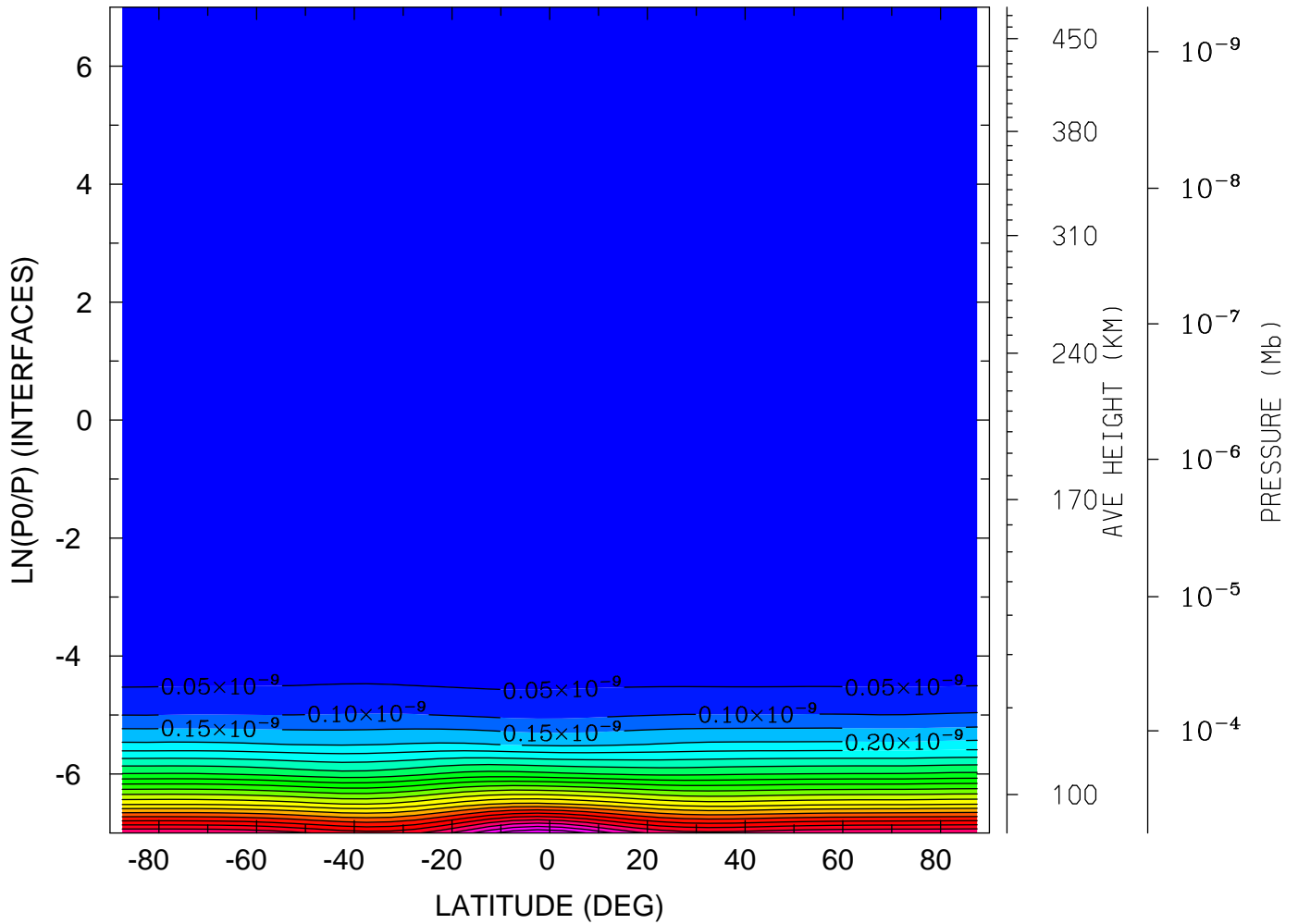
MIN,MAX= 1.2431E+02 3.2876E+03 INTERVAL= 2.5000E+02  
 tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
 tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm<sup>3</sup>)  
YEAR 2002 UT= 0.00 ZONAL MEANS



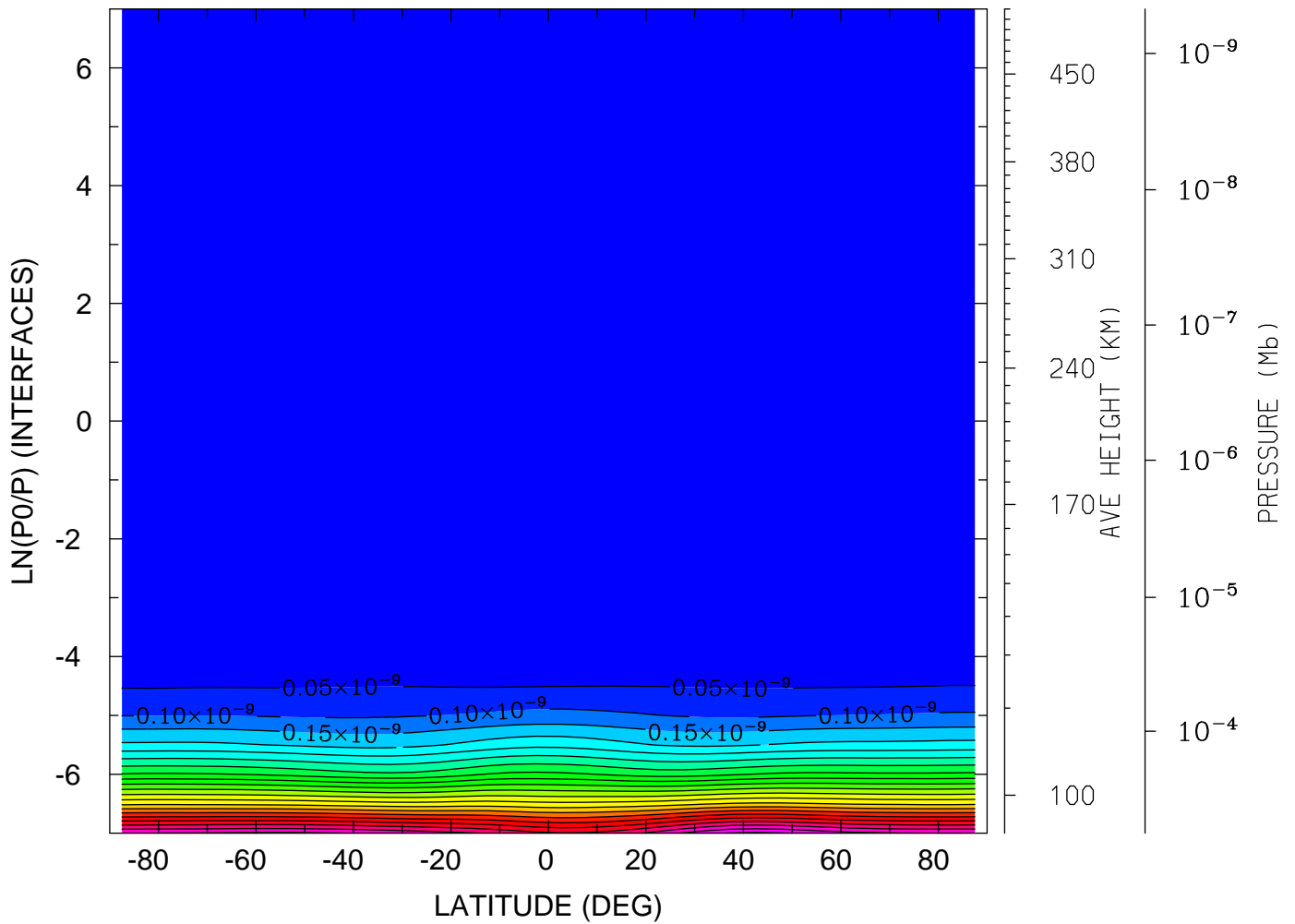
MIN,MAX= 1.4452E-16 1.0532E-09 INTERVAL= 5.0000E-11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm<sup>3</sup>)  
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



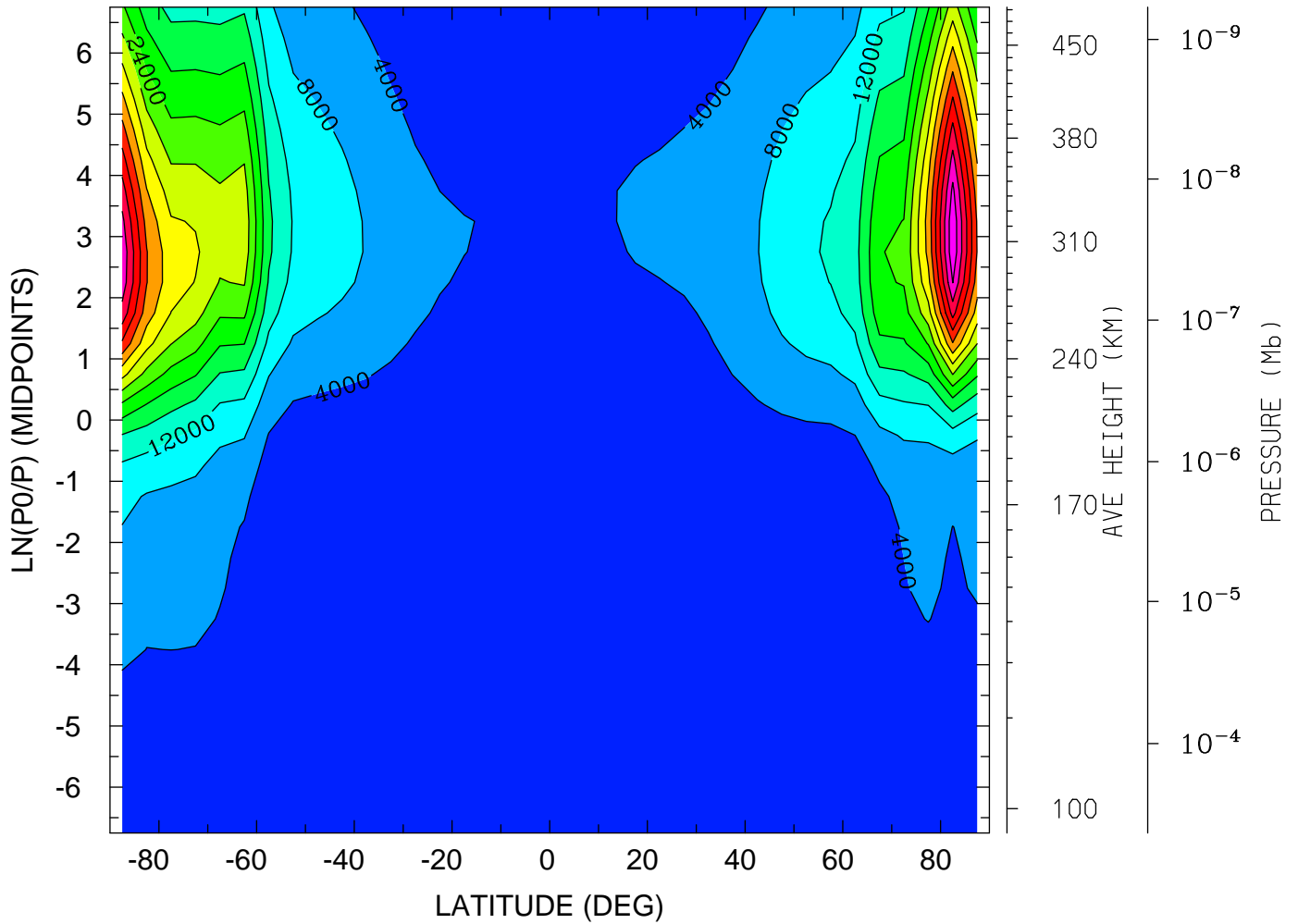
MIN,MAX= 1.4978E-16 1.1997E-09 INTERVAL= 5.0000E-11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm<sup>3</sup>)  
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



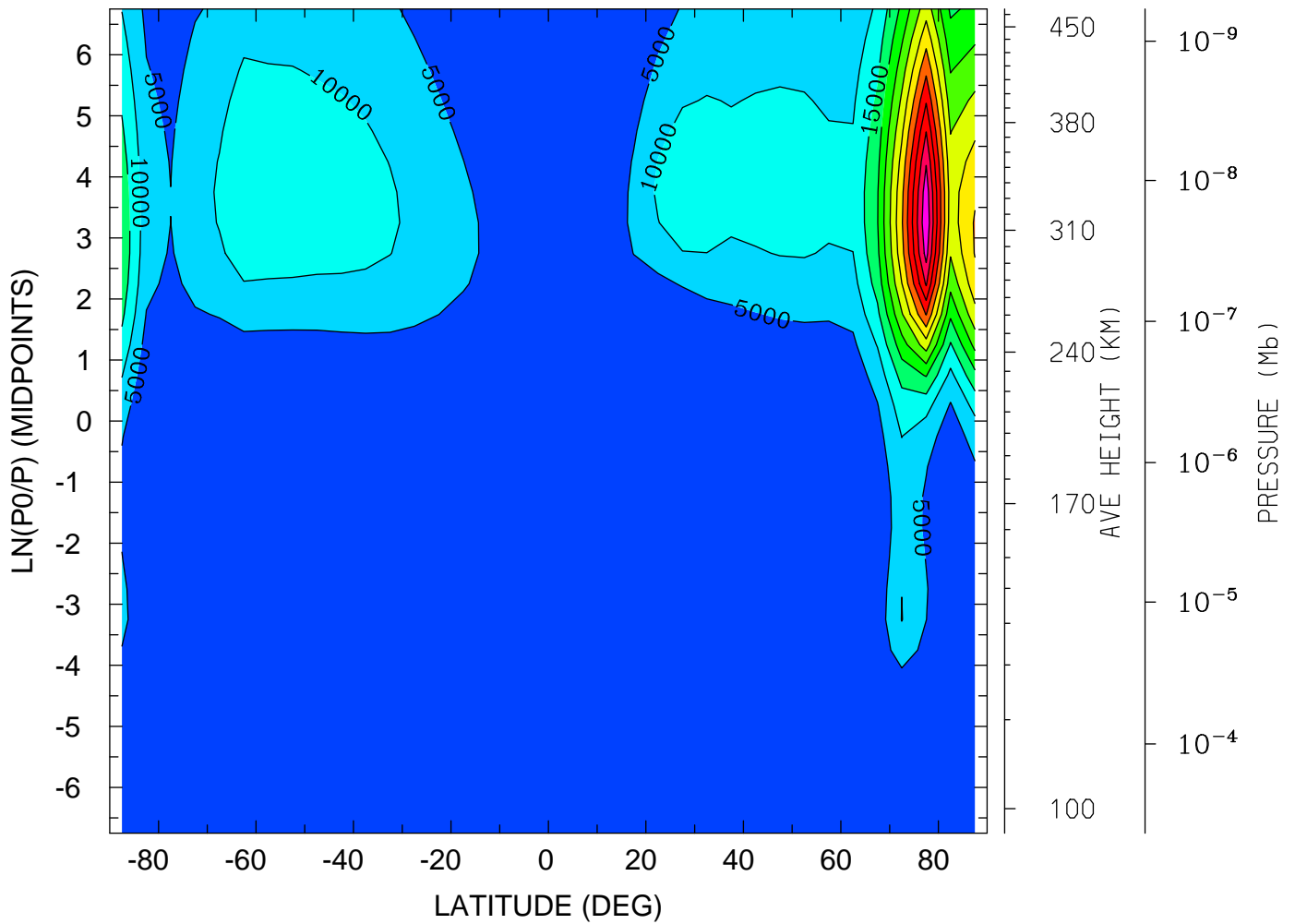
MIN,MAX= 1.3639E-16 1.1096E-09 INTERVAL= 5.0000E-11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
YEAR 2002 UT= 0.00 ZONAL MEANS



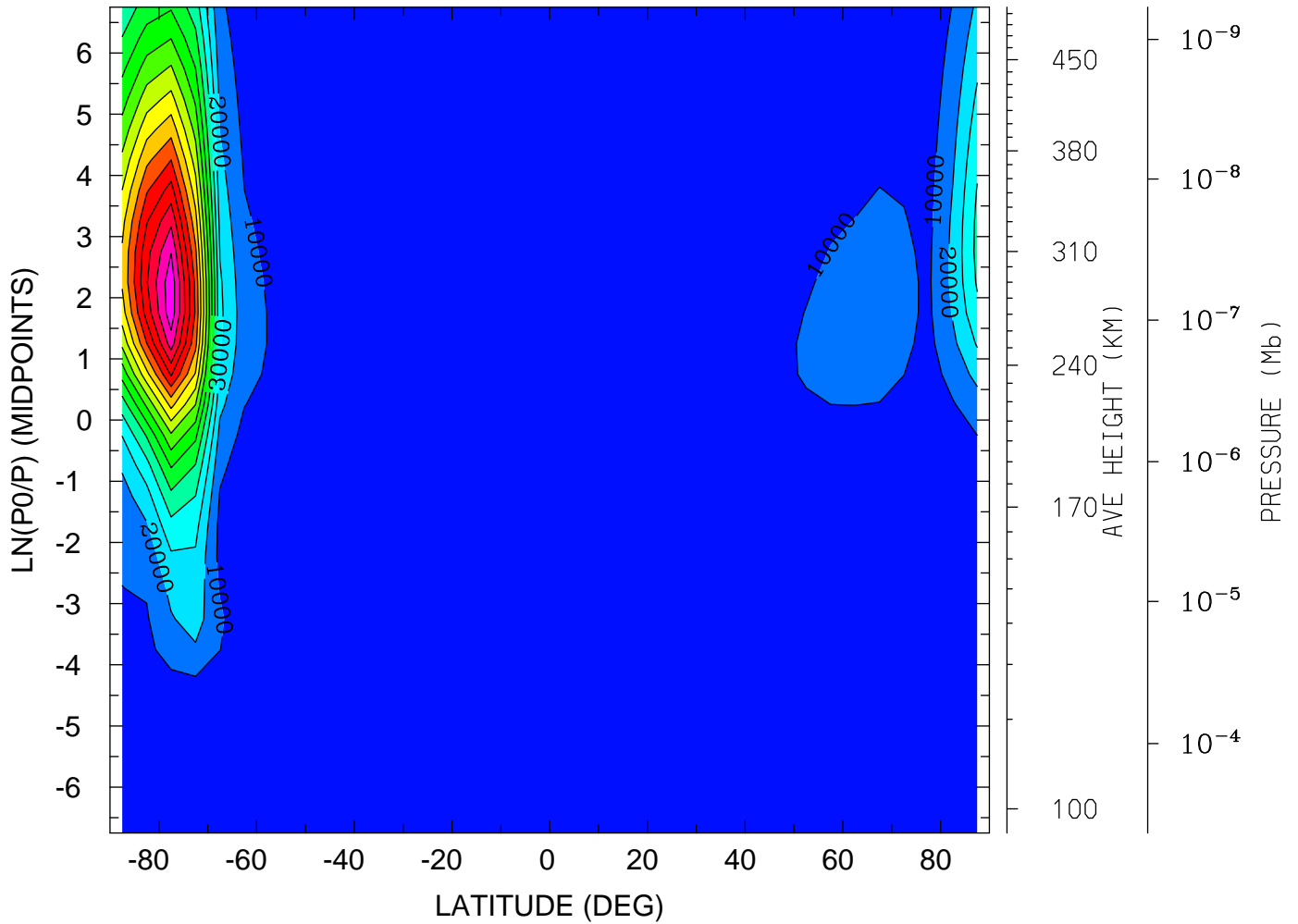
MIN,MAX= 1.7961E-02 5.9116E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



MIN,MAX= 1.7602E-03 6.4074E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

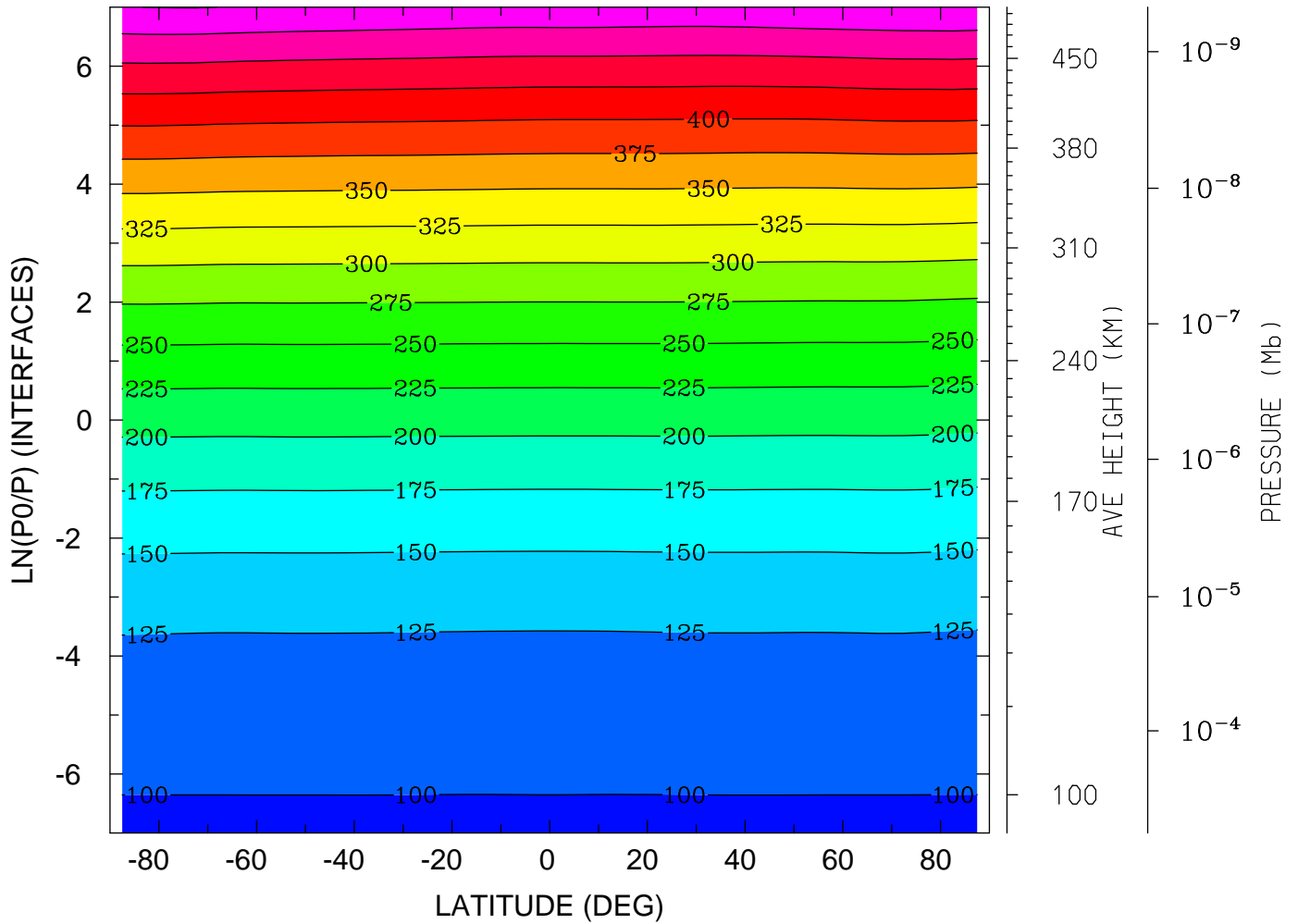
QJOULE: QJOULE: Joule Heating (erg/g/s)  
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= 4.2129E-03 1.6699E+05 INTERVAL= 1.0000E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

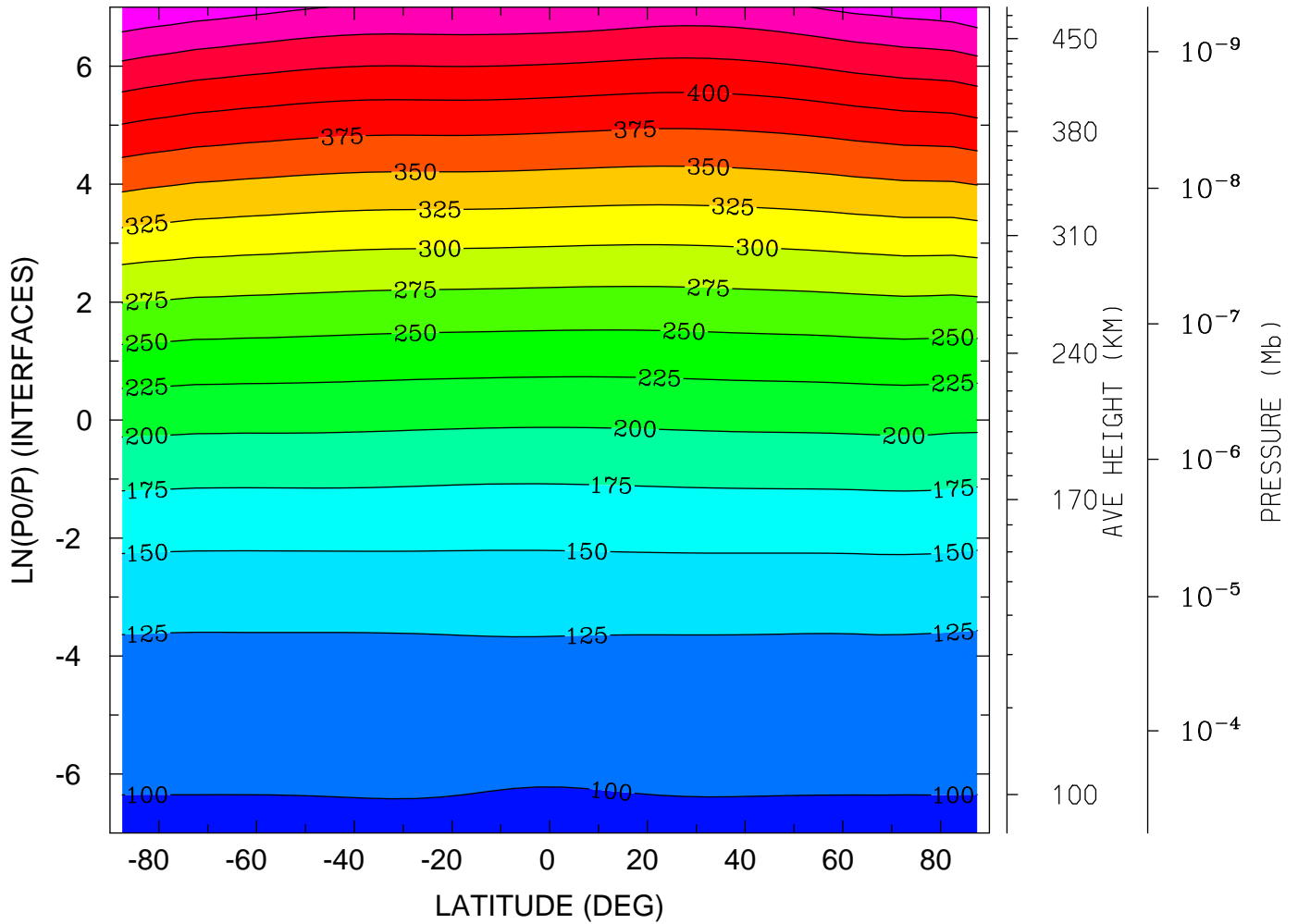


GEOPOTENTIAL HEIGHT (KM)  
YEAR 2002 UT= 0.00 ZONAL MEANS



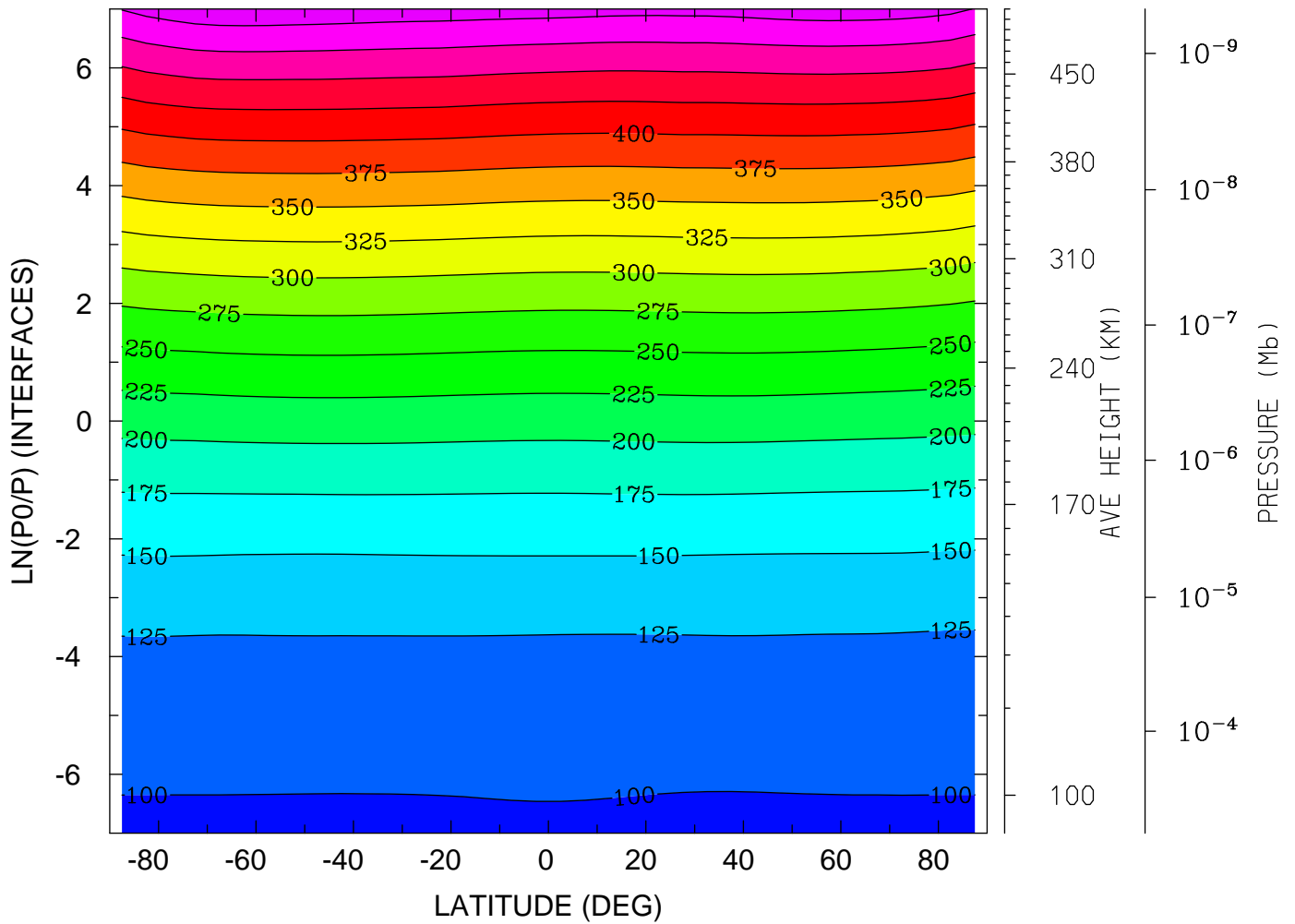
MIN,MAX= 9.6369E+01 5.0071E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



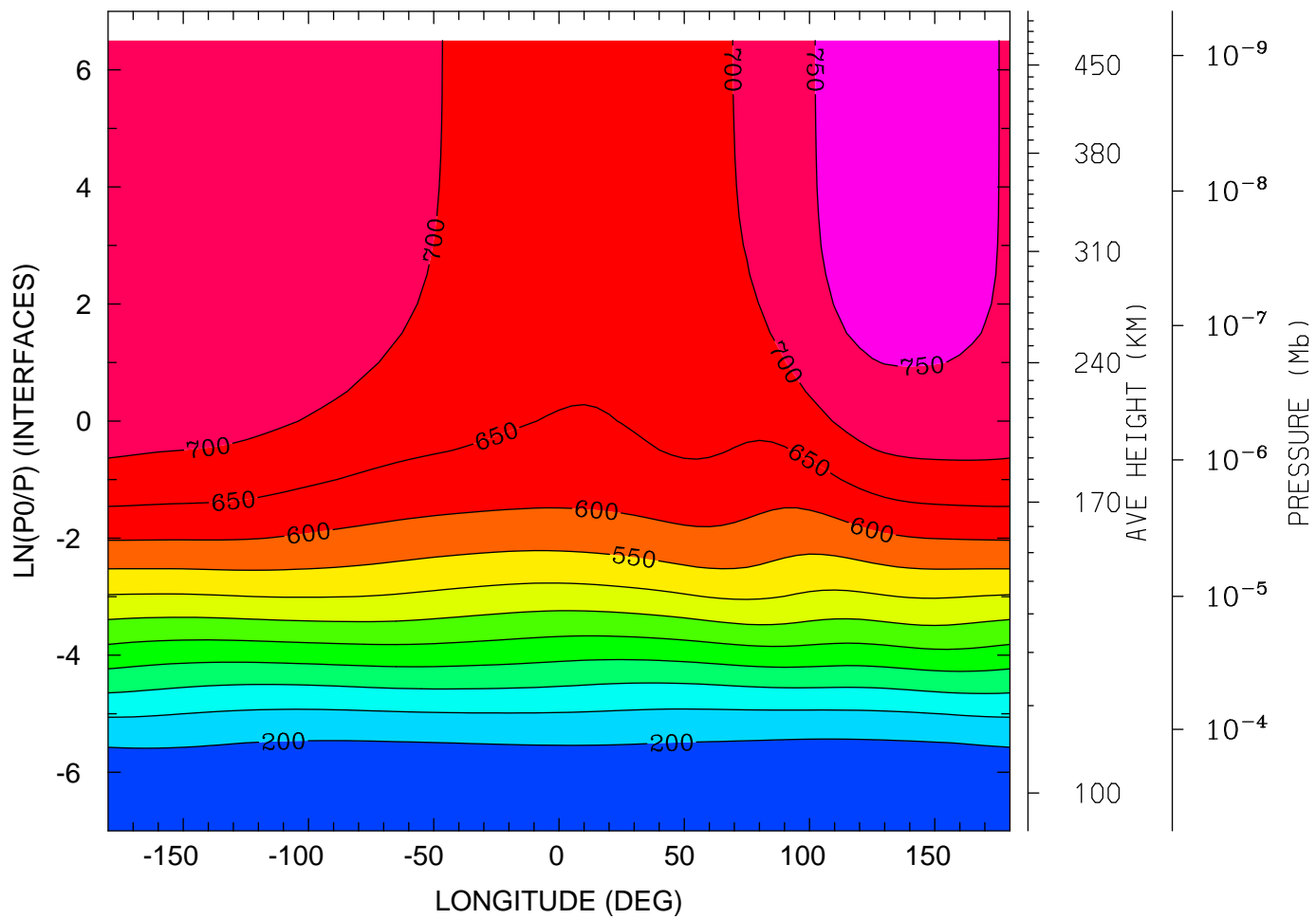
MIN,MAX= 9.6017E+01 4.9750E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= 9.6129E+01 5.1696E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

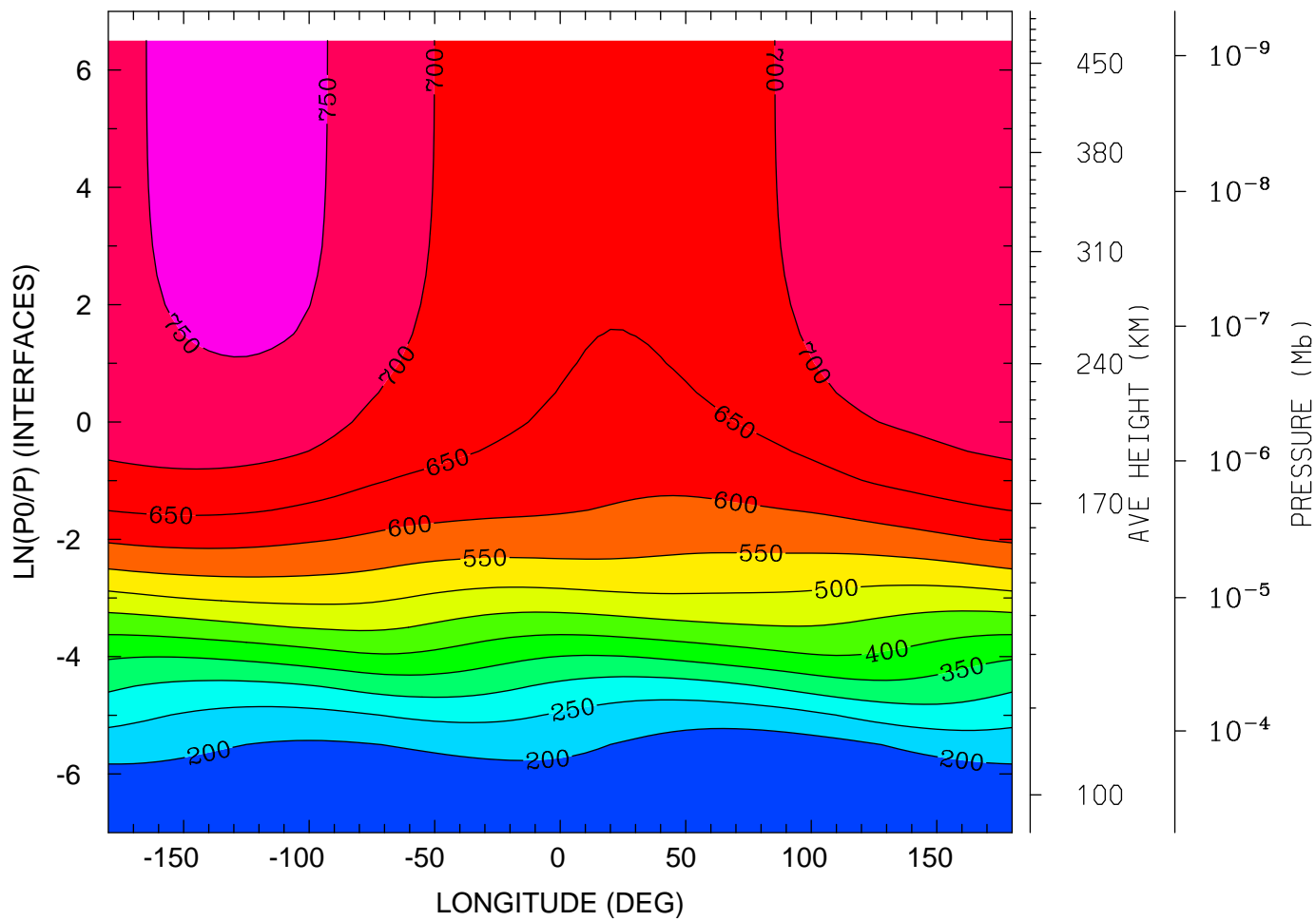
NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= -62.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.6528E+02 7.6538E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

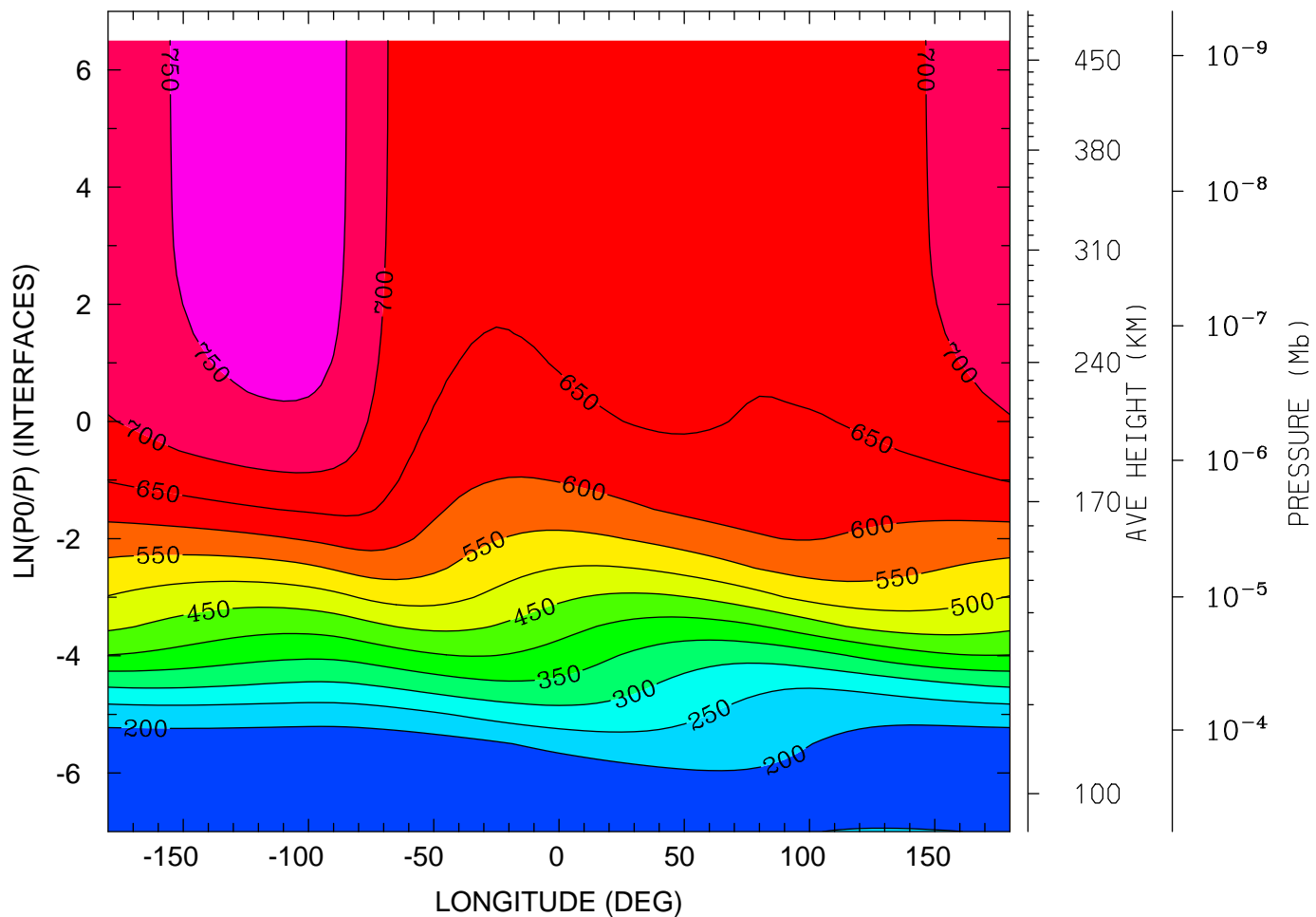
NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= -42.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.5775E+02 7.6022E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

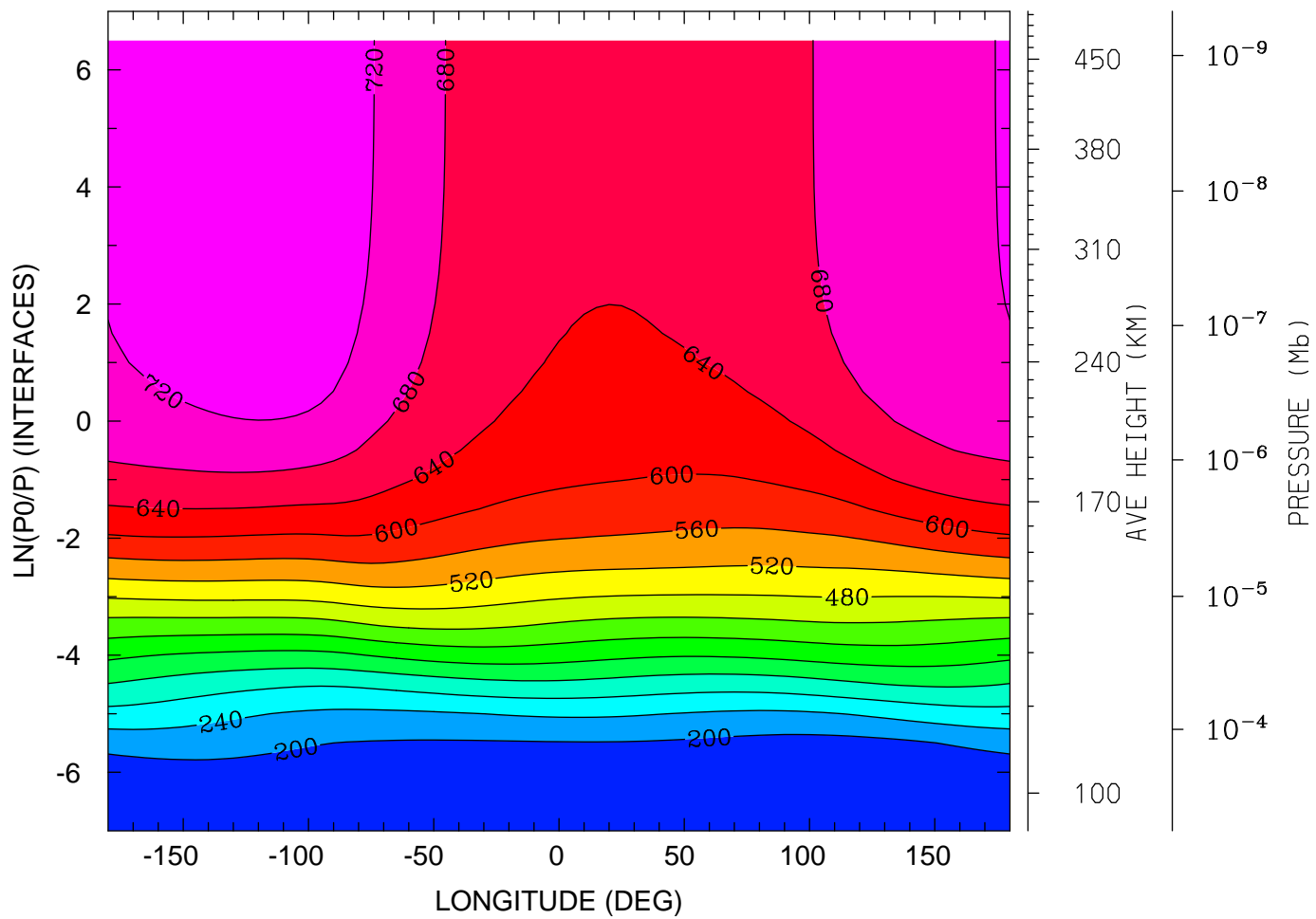
NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= -2.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.5064E+02 7.7447E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

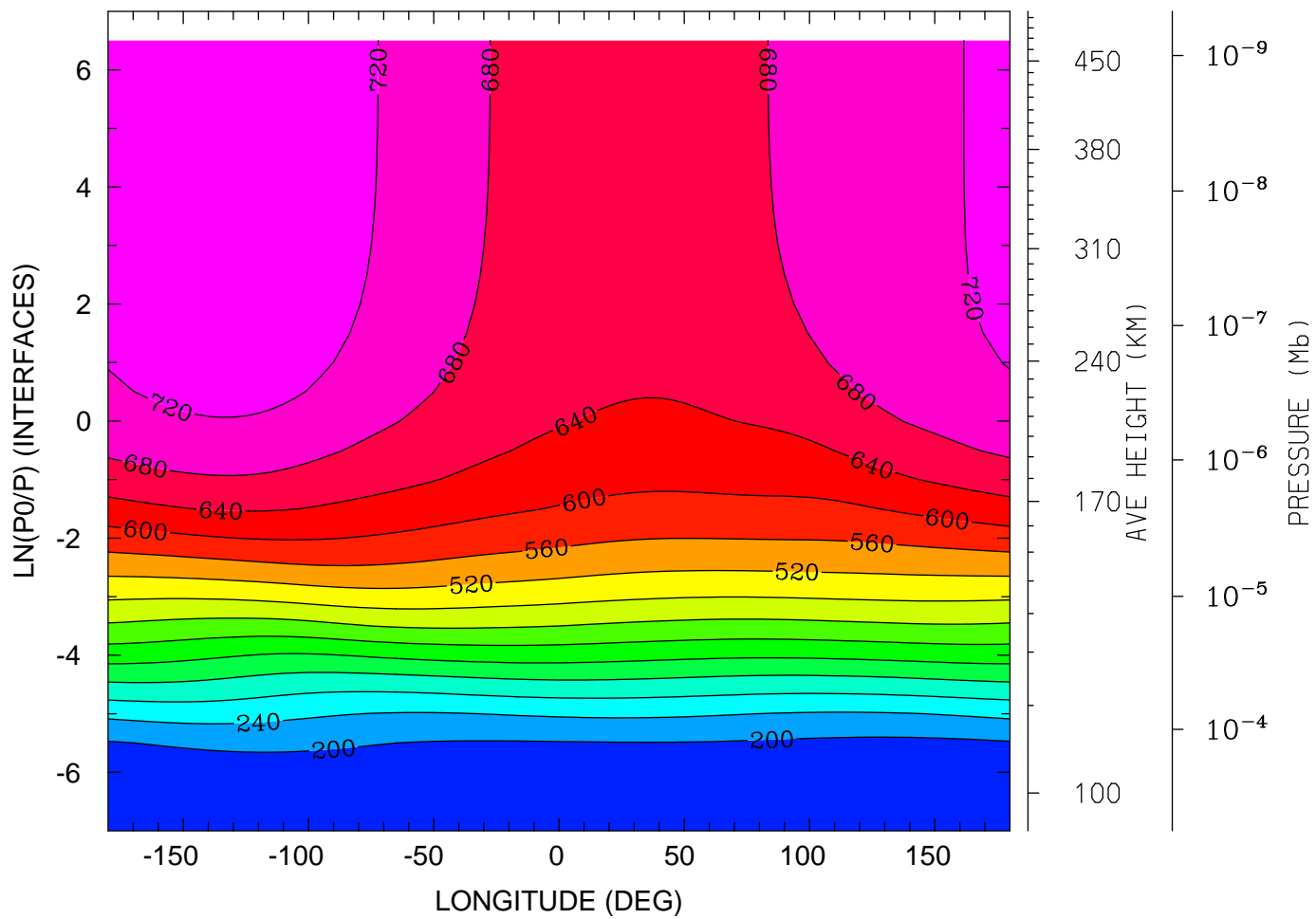
NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.5952E+02 7.5913E+02 INTERVAL= 4.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

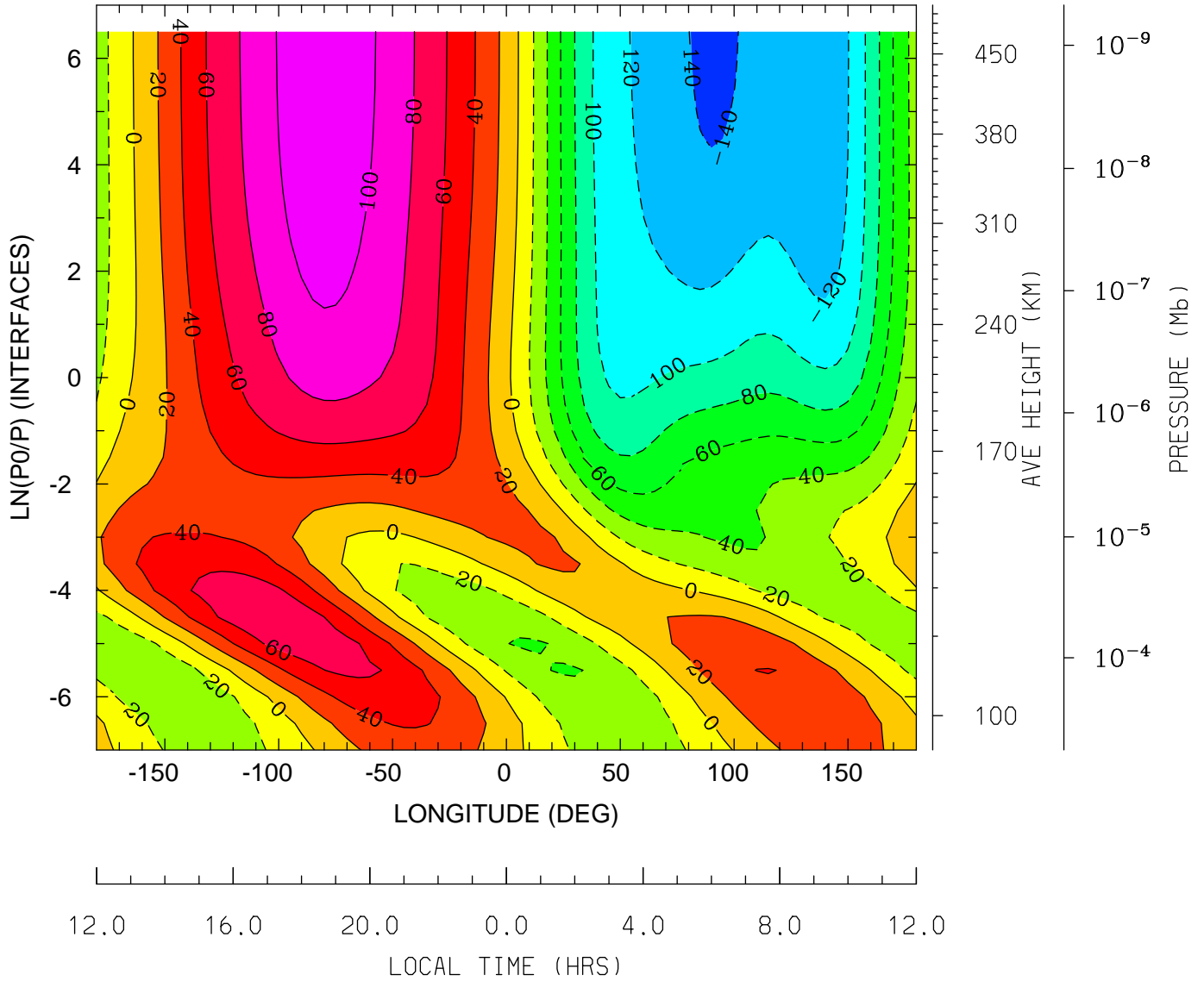
NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= 57.50 (DEG)



MIN,MAX= 1.6394E+02 7.4729E+02 INTERVAL= 4.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

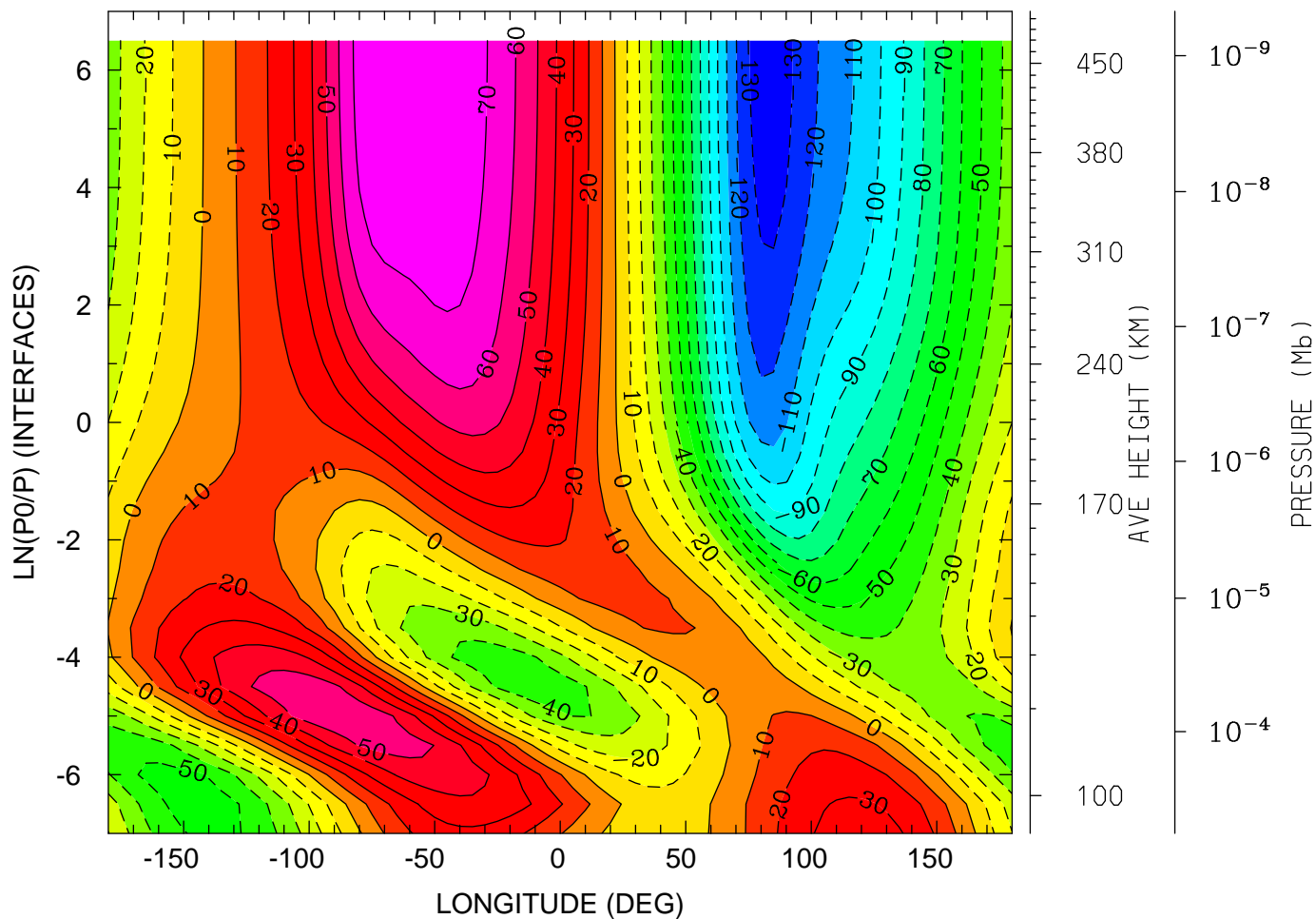


NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= -62.50 (DEG)



MIN,MAX= -1.4415E+02 1.1559E+02 INTERVAL= 2.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

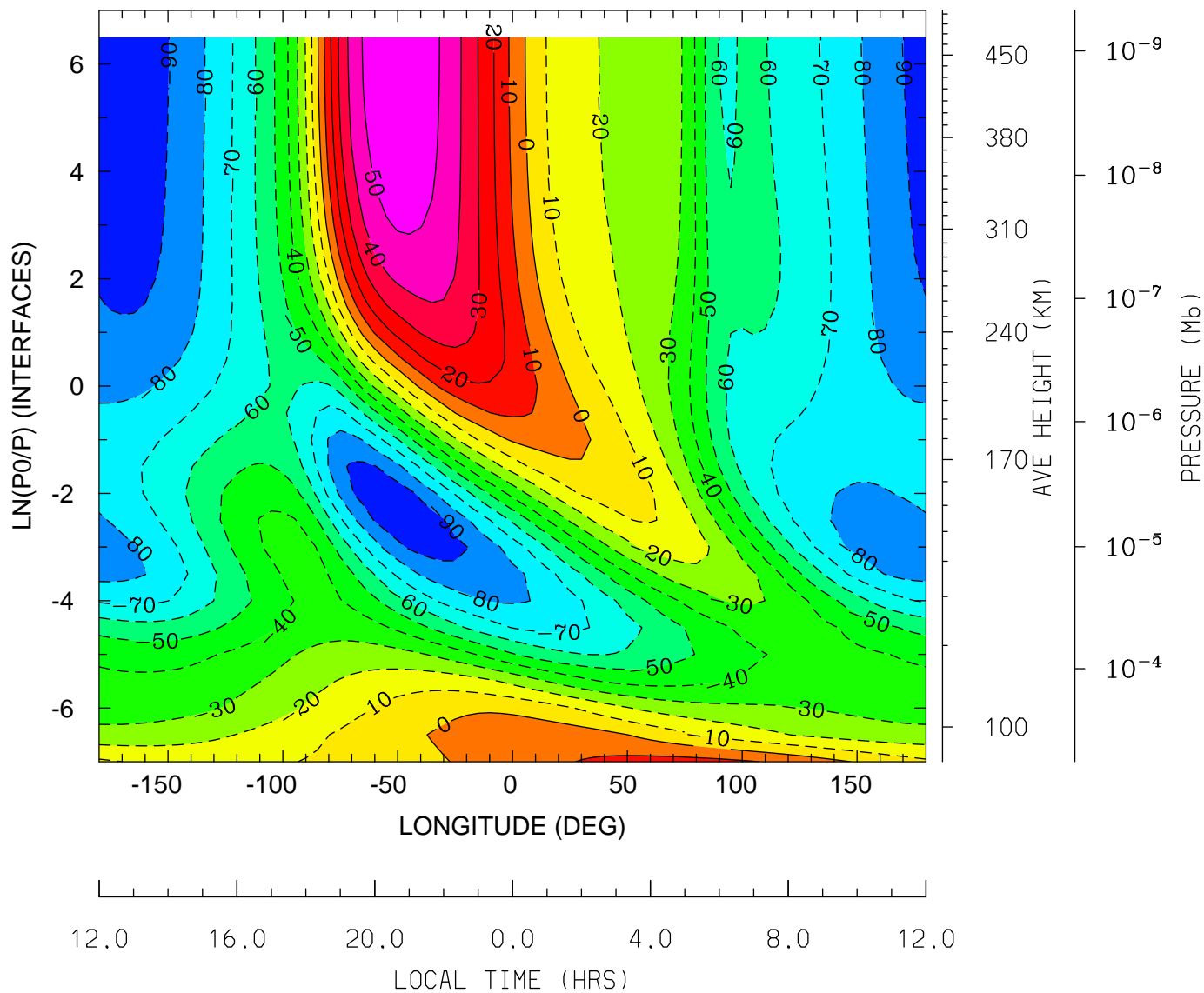
NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= -42.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

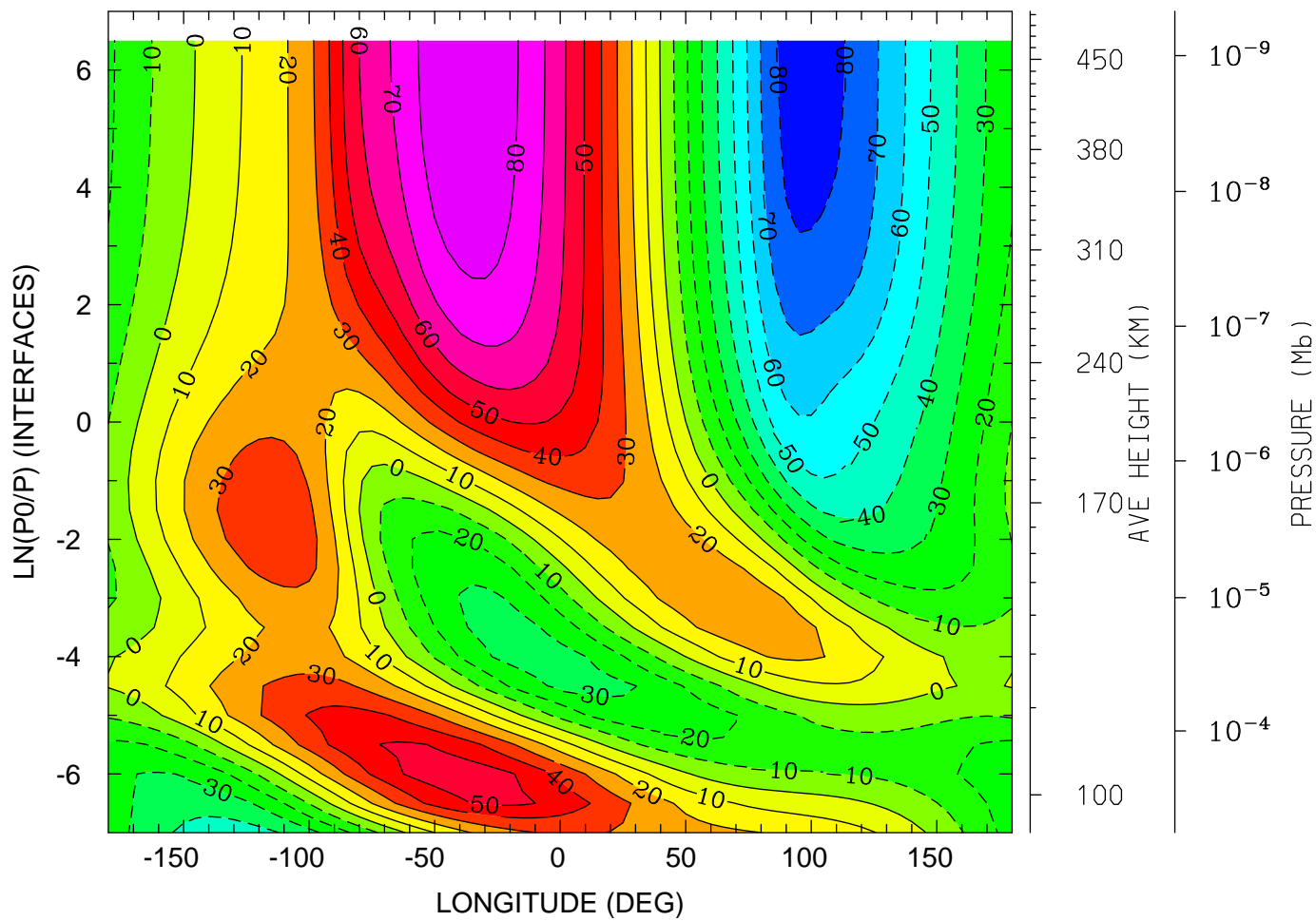
MIN,MAX= -1.3585E+02 8.0125E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= -2.50 (DEG)



MIN,MAX= -9.8012E+01 5.8660E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

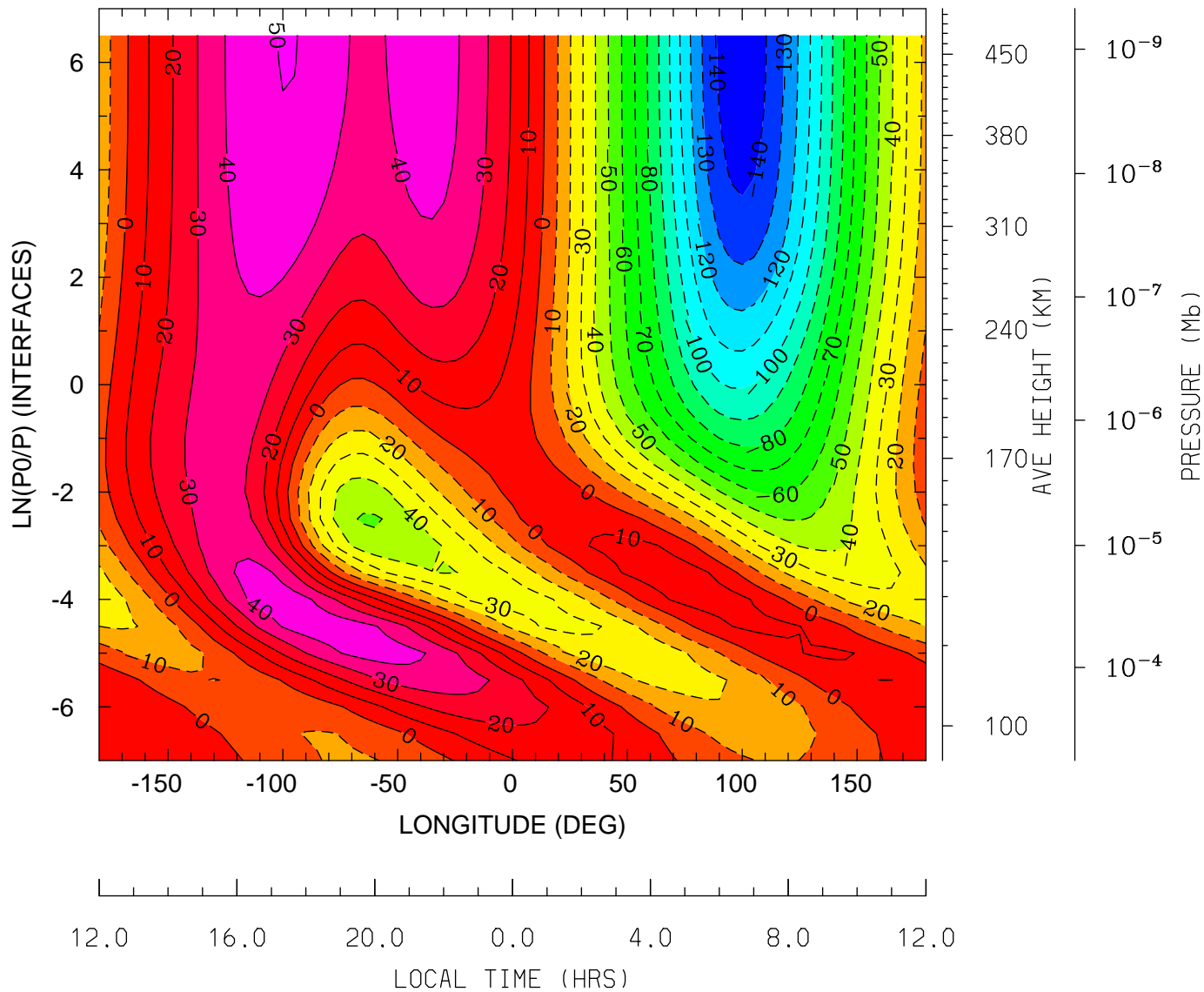
NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= 37.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

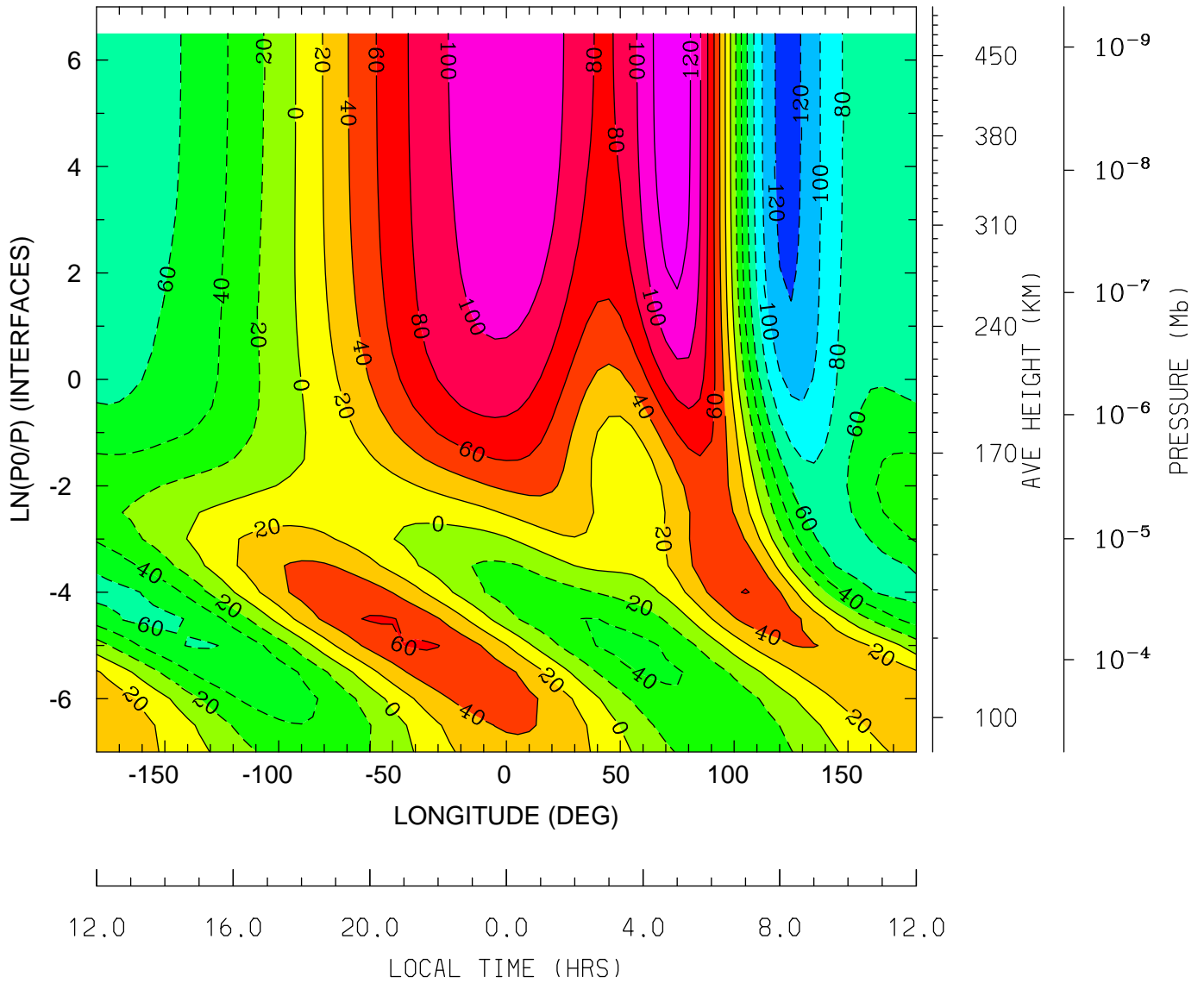
MIN,MAX= -8.4897E+01 8.9140E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= 57.50 (DEG)



MIN,MAX= -1.4653E+02 5.0386E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

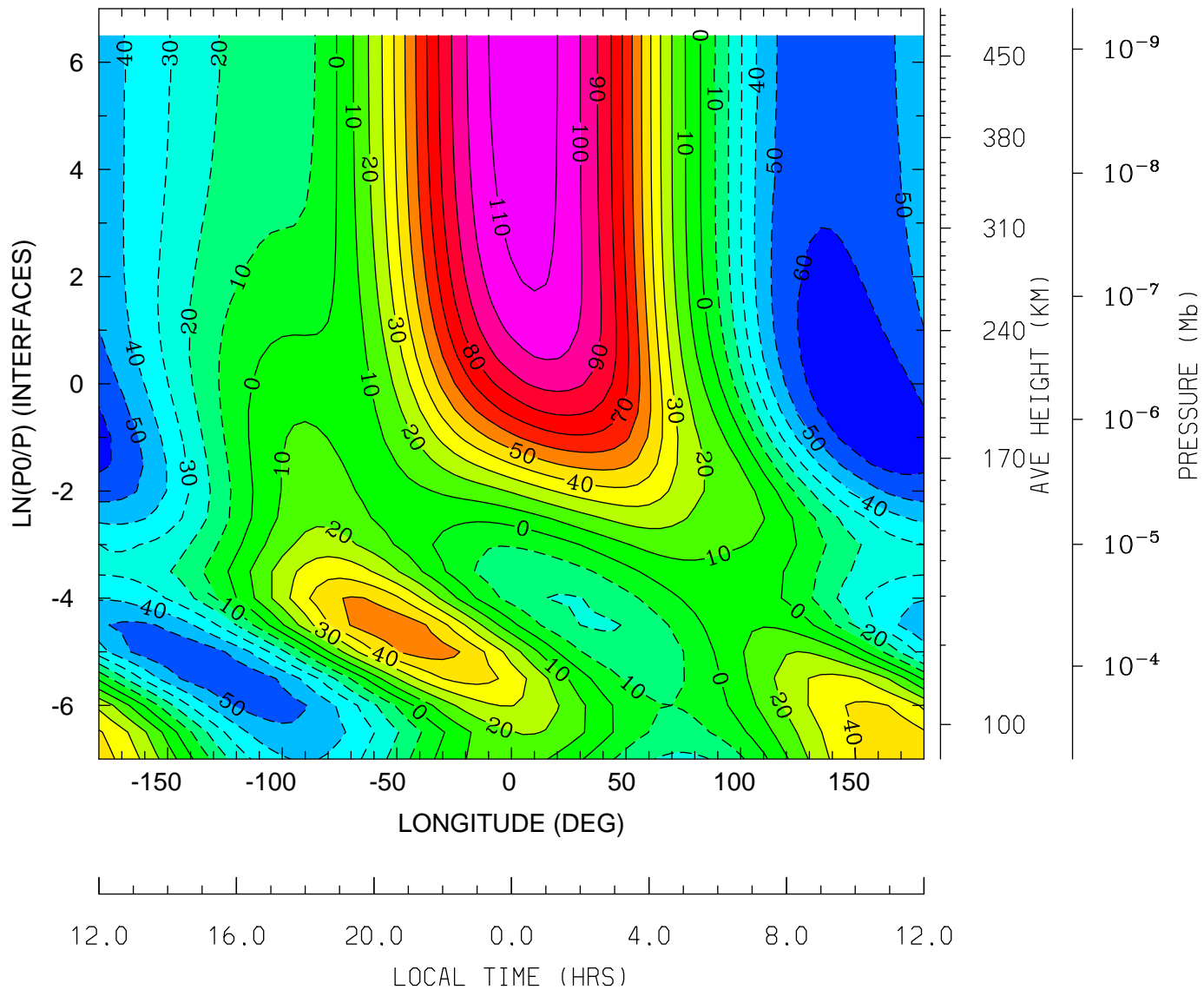
NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= -62.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

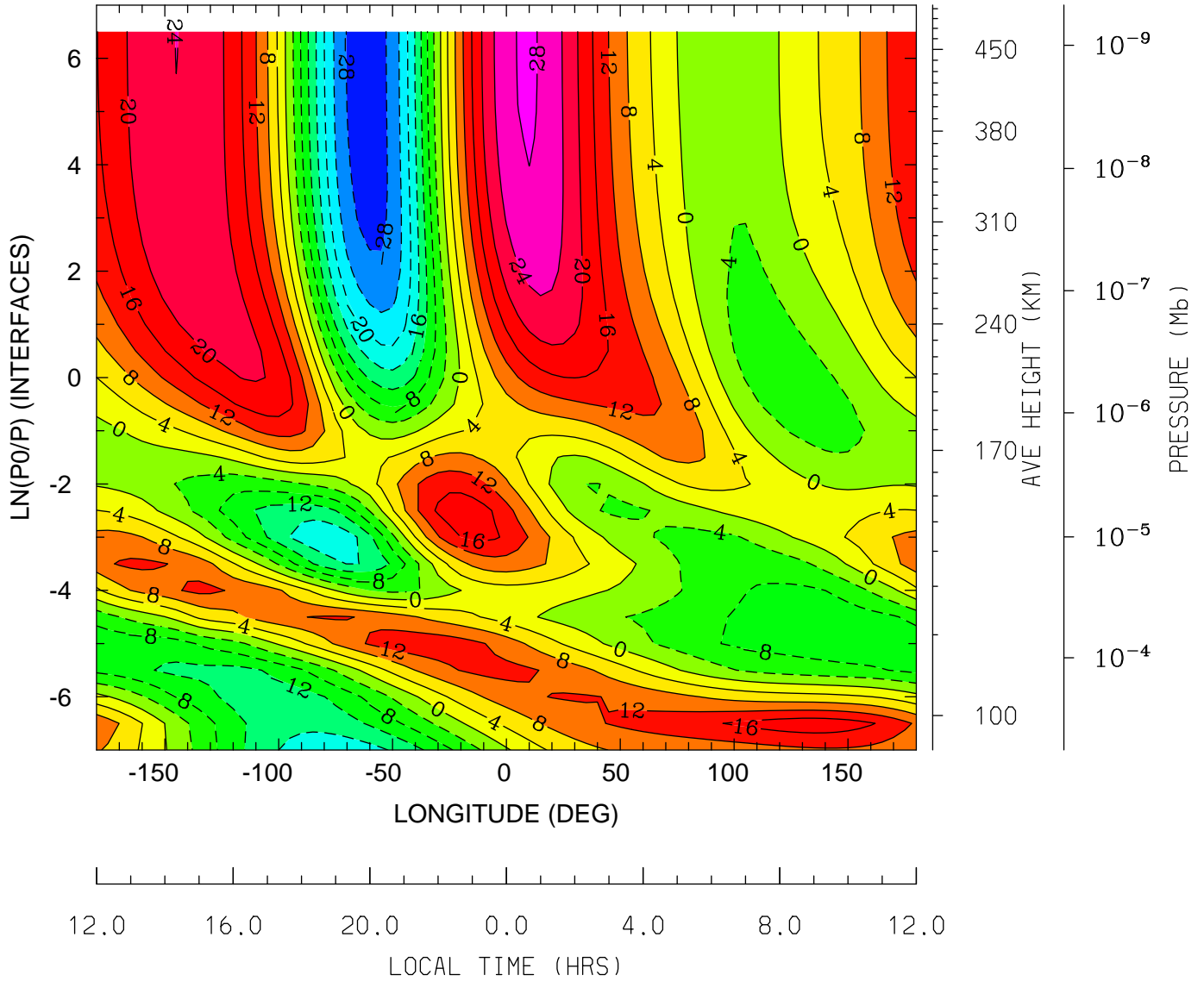
MIN,MAX= -1.2594E+02 1.3281E+02 INTERVAL= 2.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= -42.50 (DEG)



MIN,MAX= -6.8722E+01 1.1537E+02 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

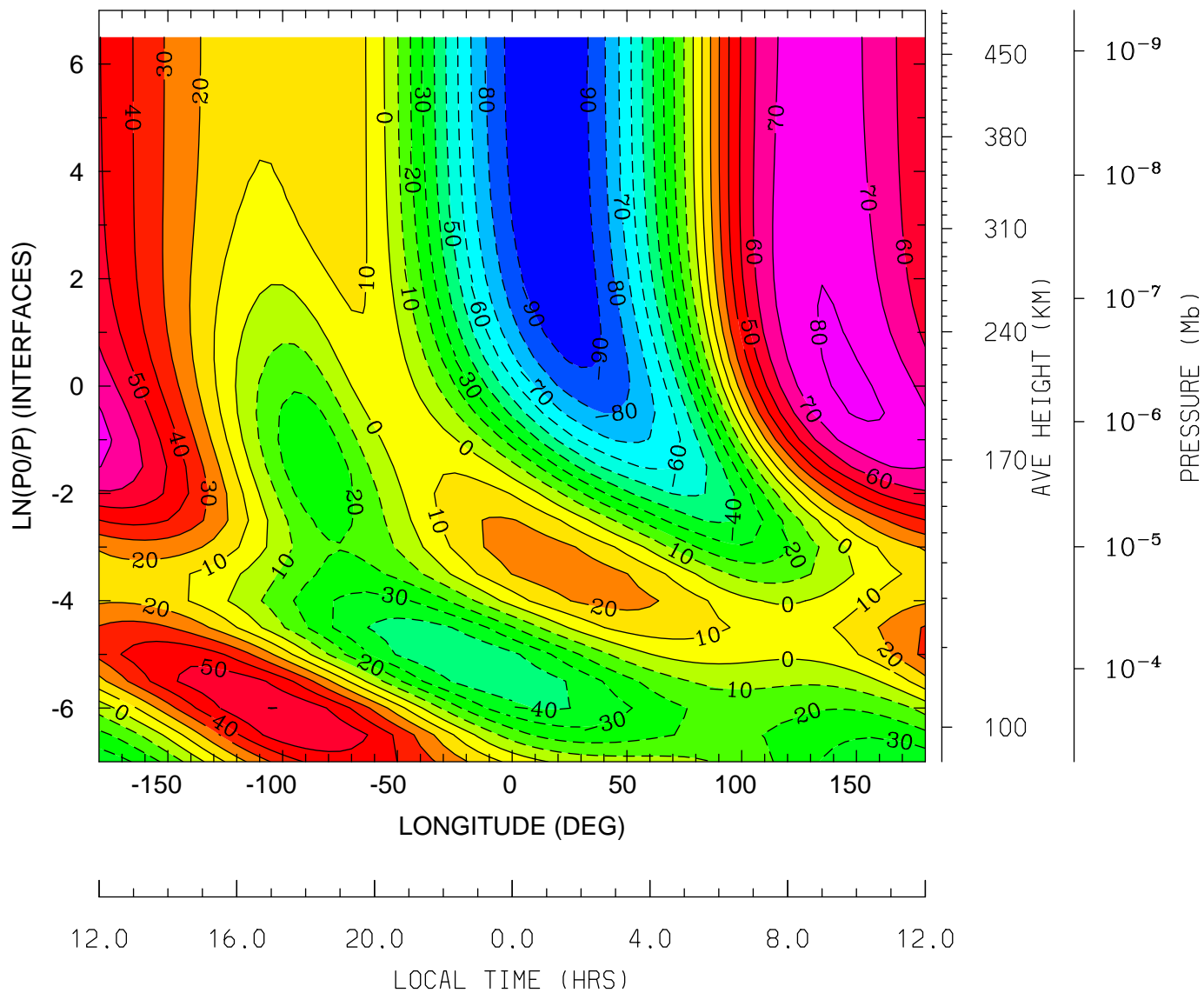
NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= -2.50 (DEG)



MIN,MAX= -3.0163E+01 2.8507E+01 INTERVAL= 4.0000E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

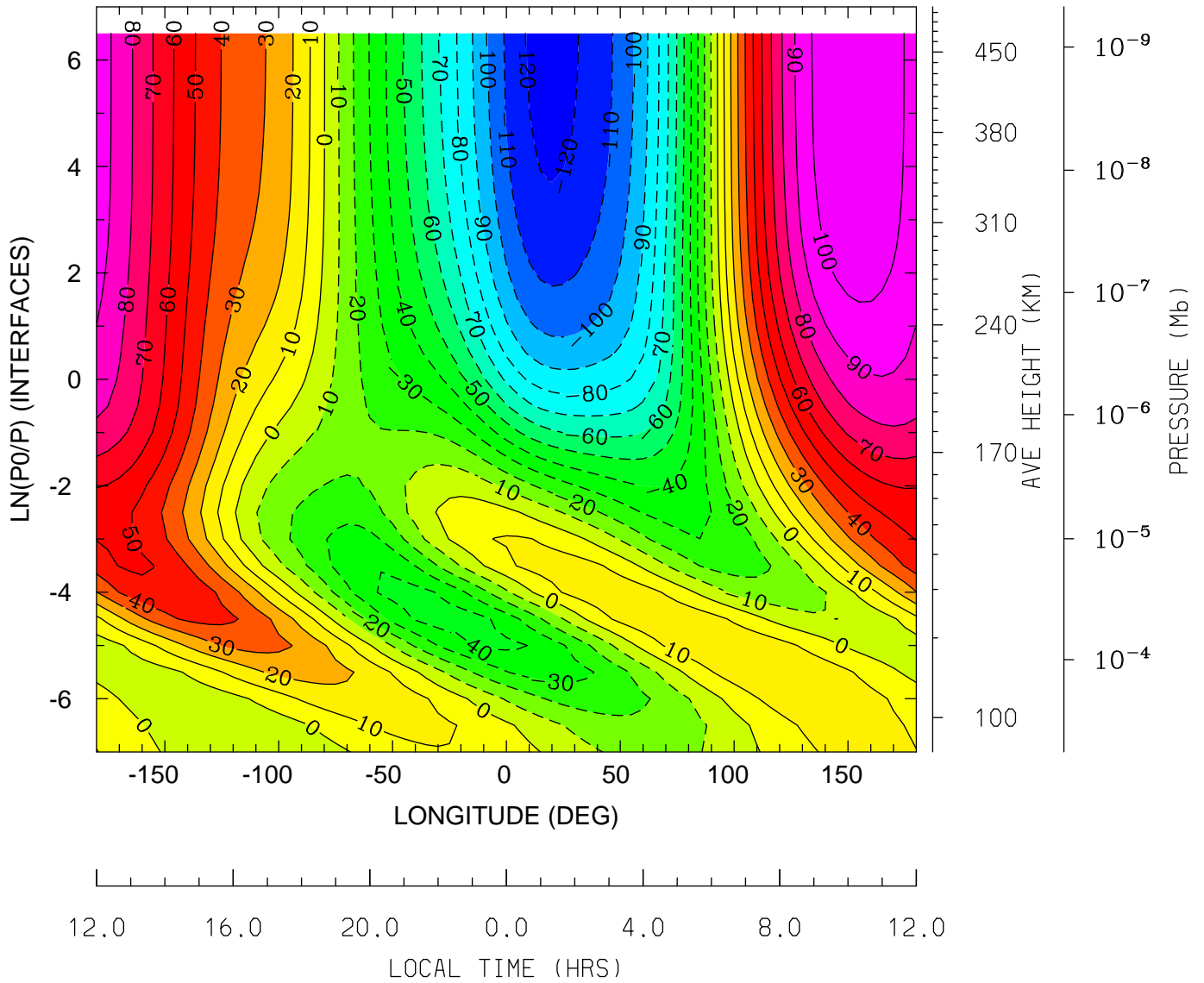


NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= 37.50 (DEG)



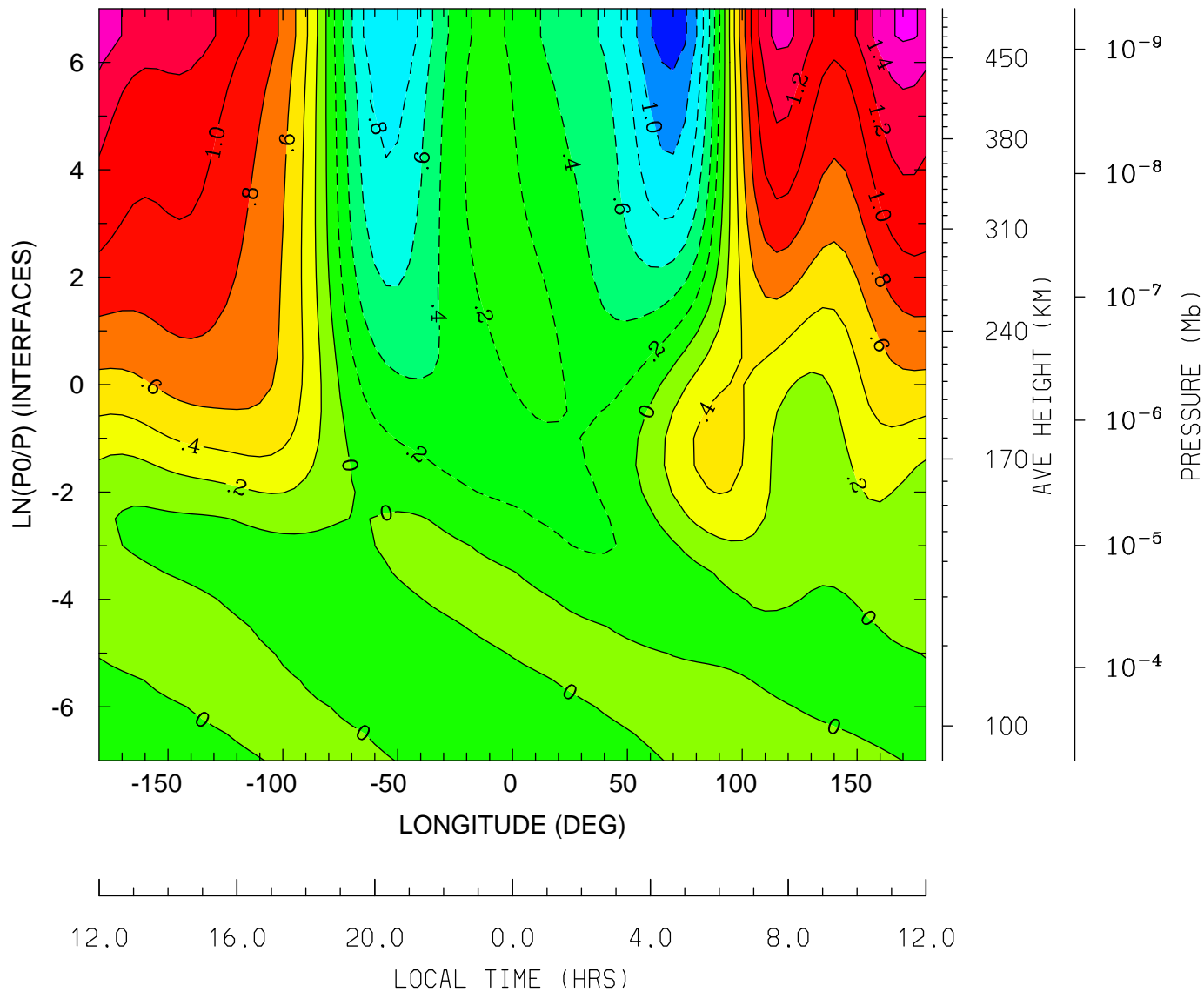
MIN,MAX= -1.0007E+02 8.1428E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= 57.50 (DEG)



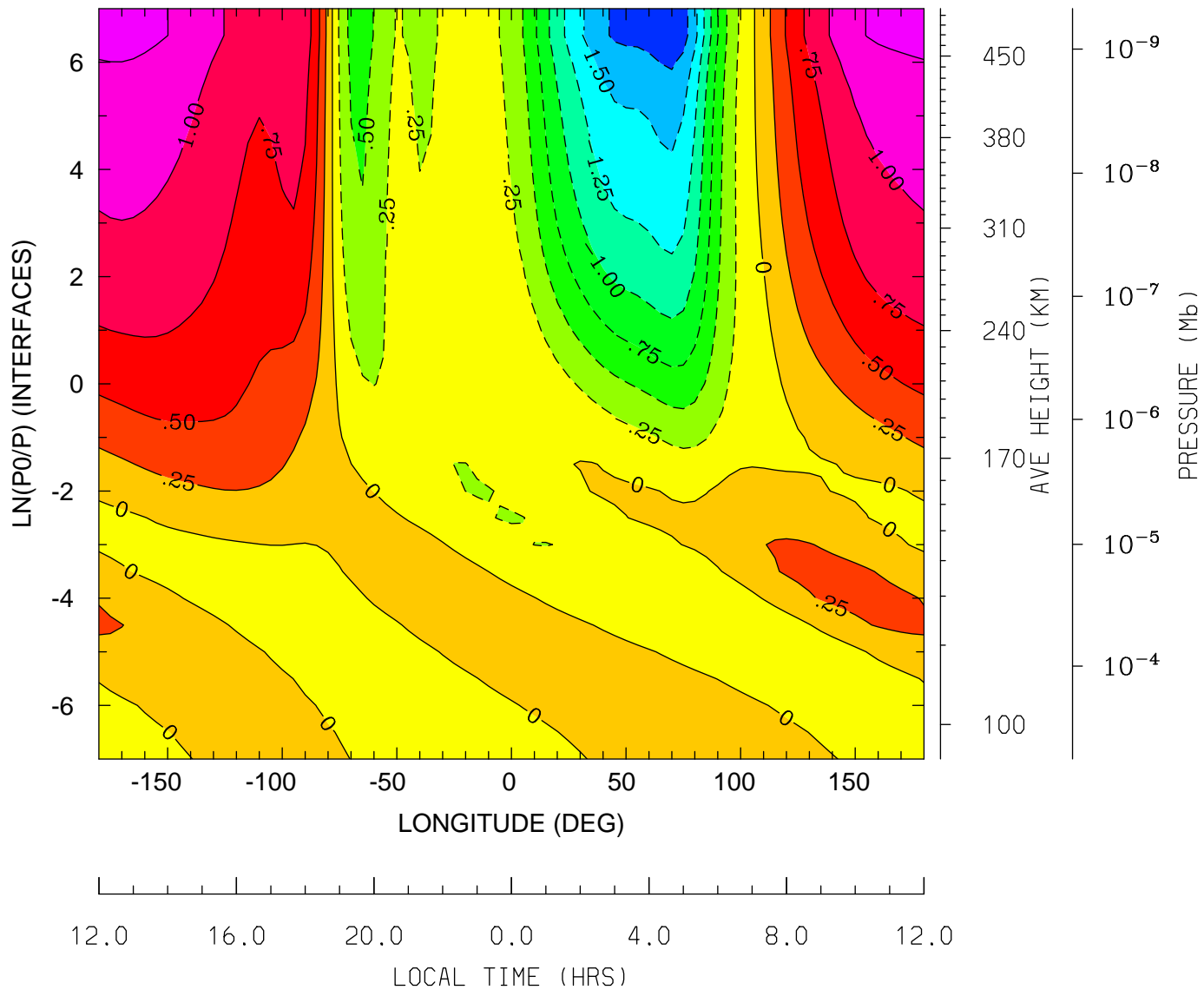
MIN,MAX= -1.2352E+02 1.0859E+02 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= -62.50 (DEG)



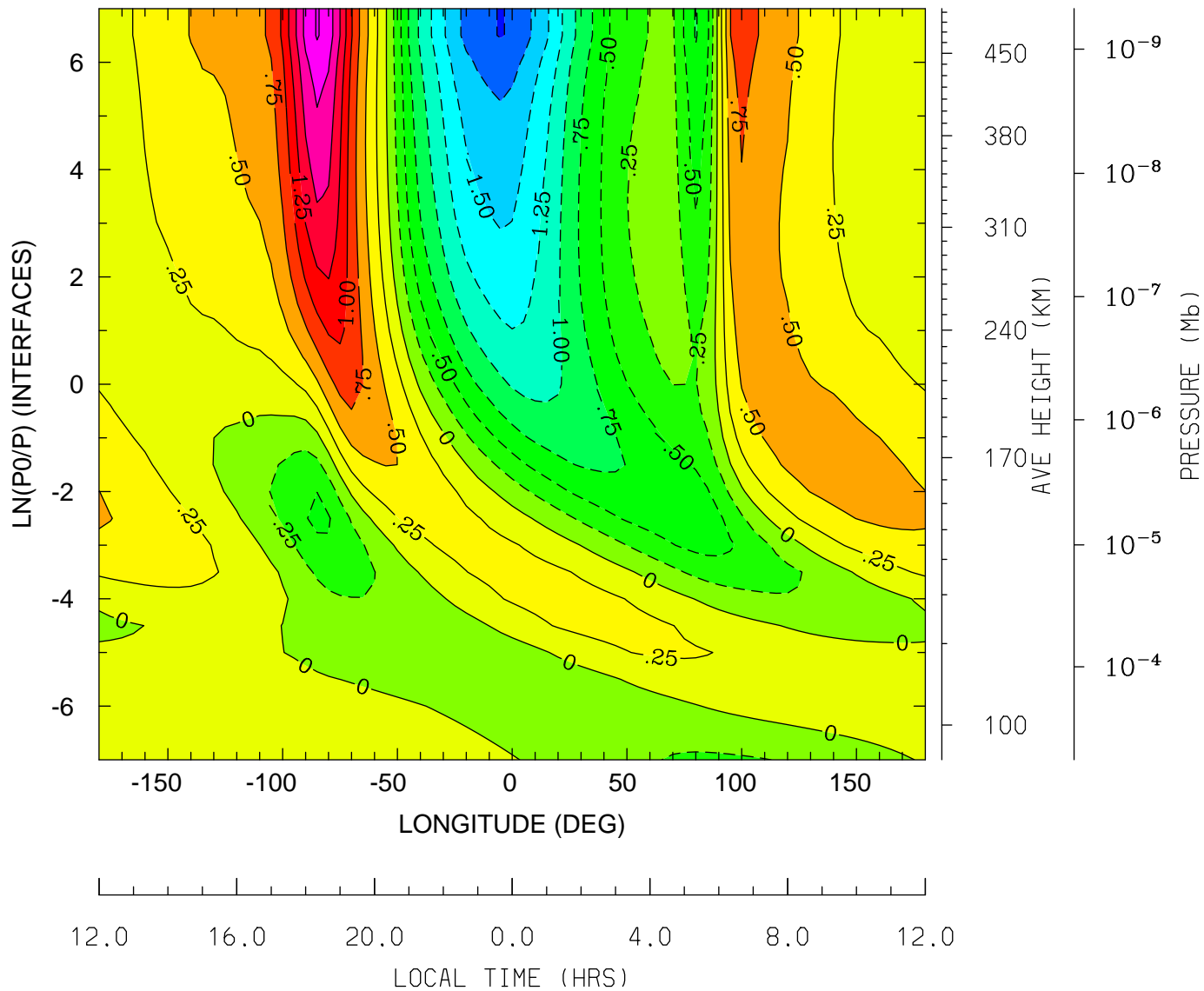
MIN,MAX= -1.3224E+00 1.6304E+00 INTERVAL= 2.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= -42.50 (DEG)



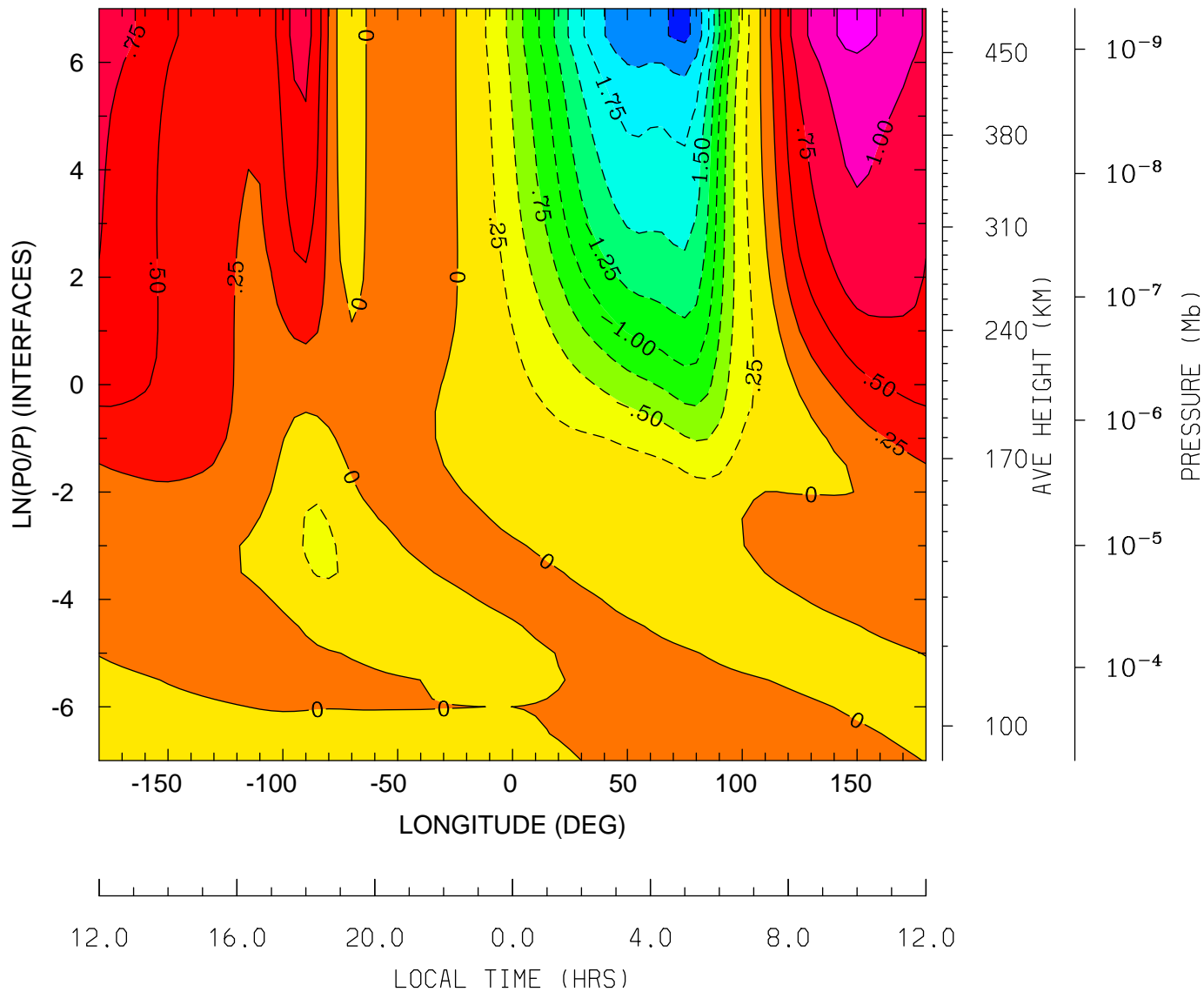
MIN,MAX= -1.9587E+00 1.3457E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= -2.50 (DEG)



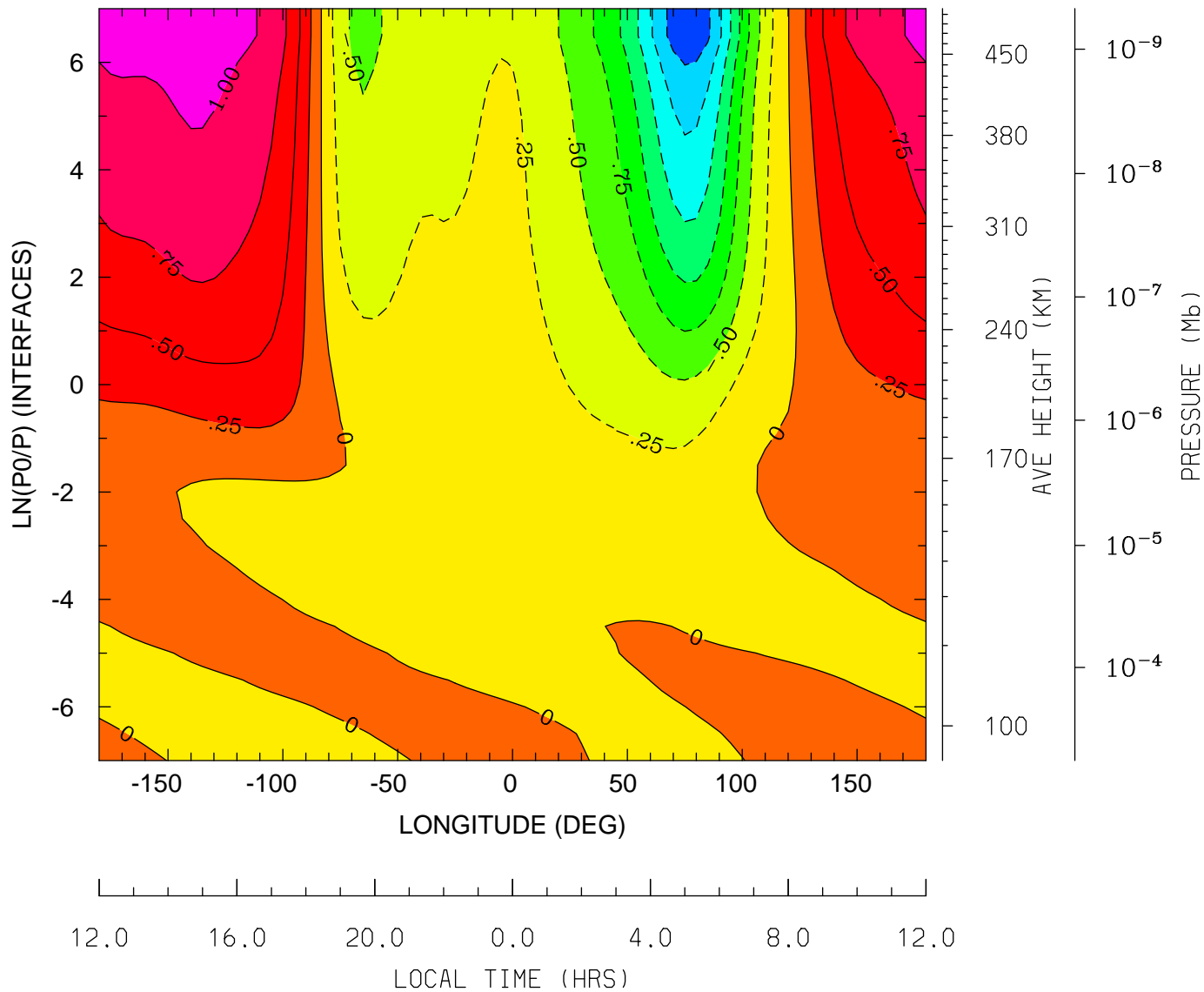
MIN,MAX= -2.0129E+00 2.0218E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= 37.50 (DEG)



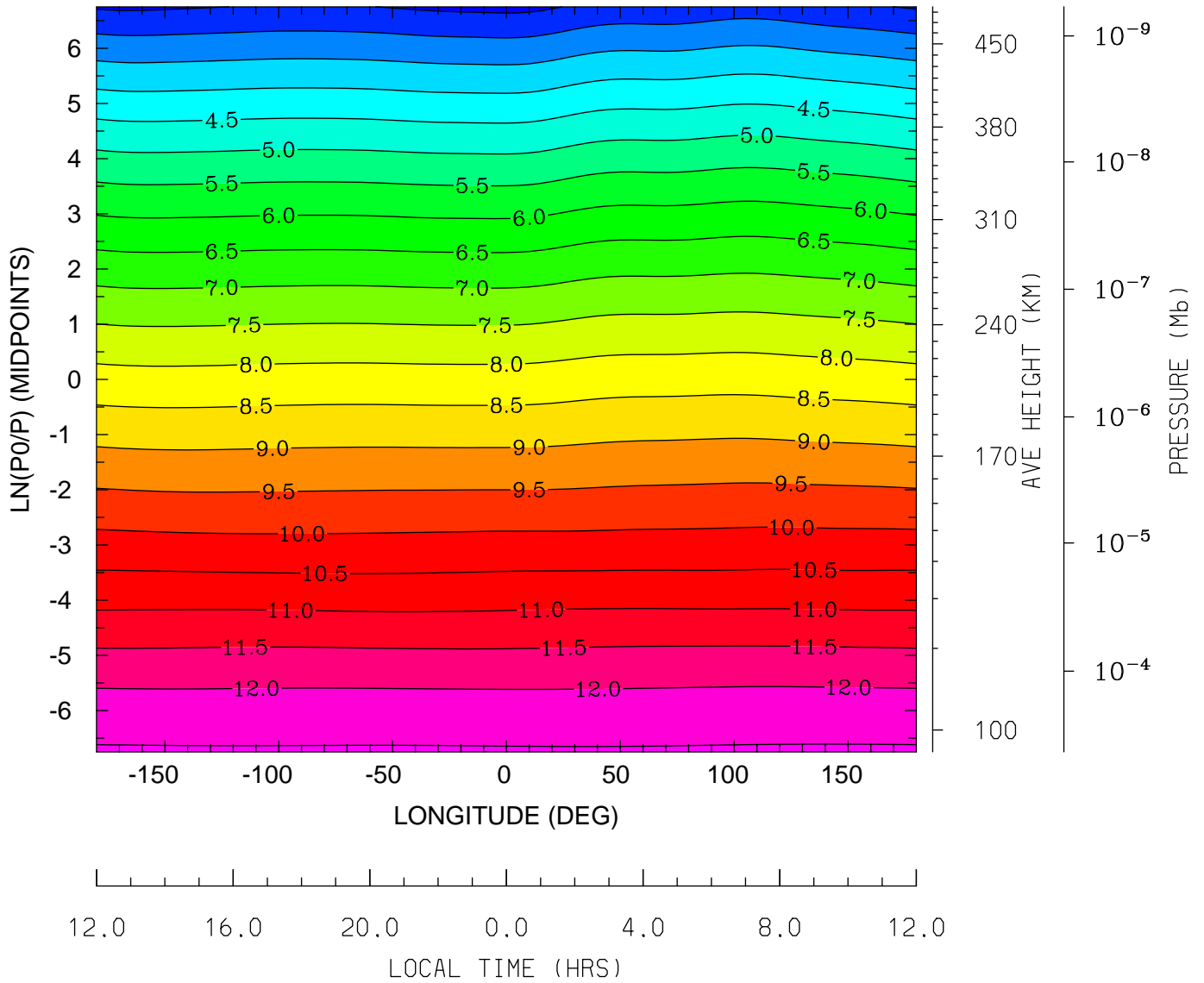
MIN,MAX= -2.3136E+00 1.3245E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= 57.50 (DEG)



MIN,MAX= -1.9431E+00 1.2112E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

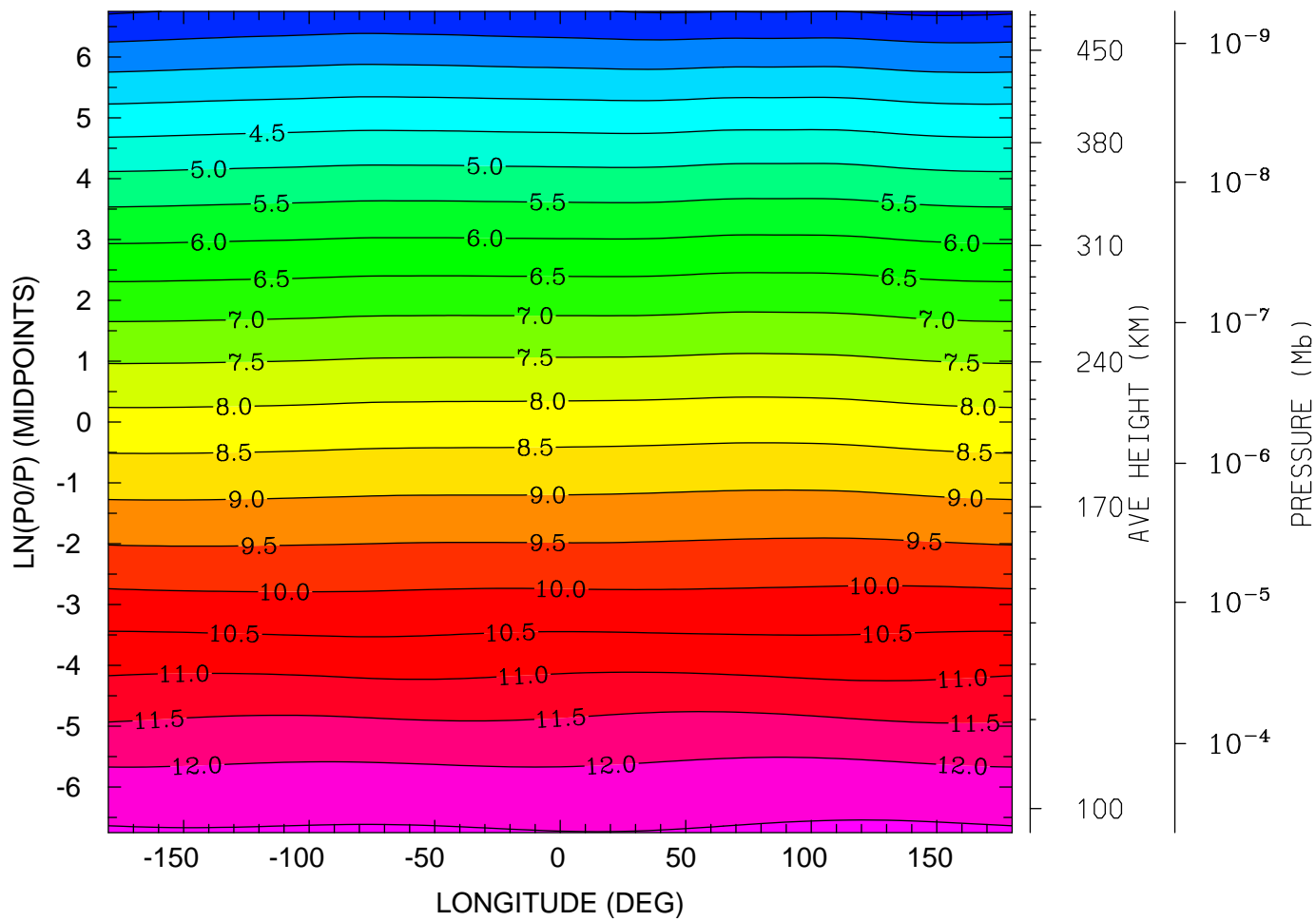
LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



MIN,MAX= 2.3747E+00 1.2555E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc



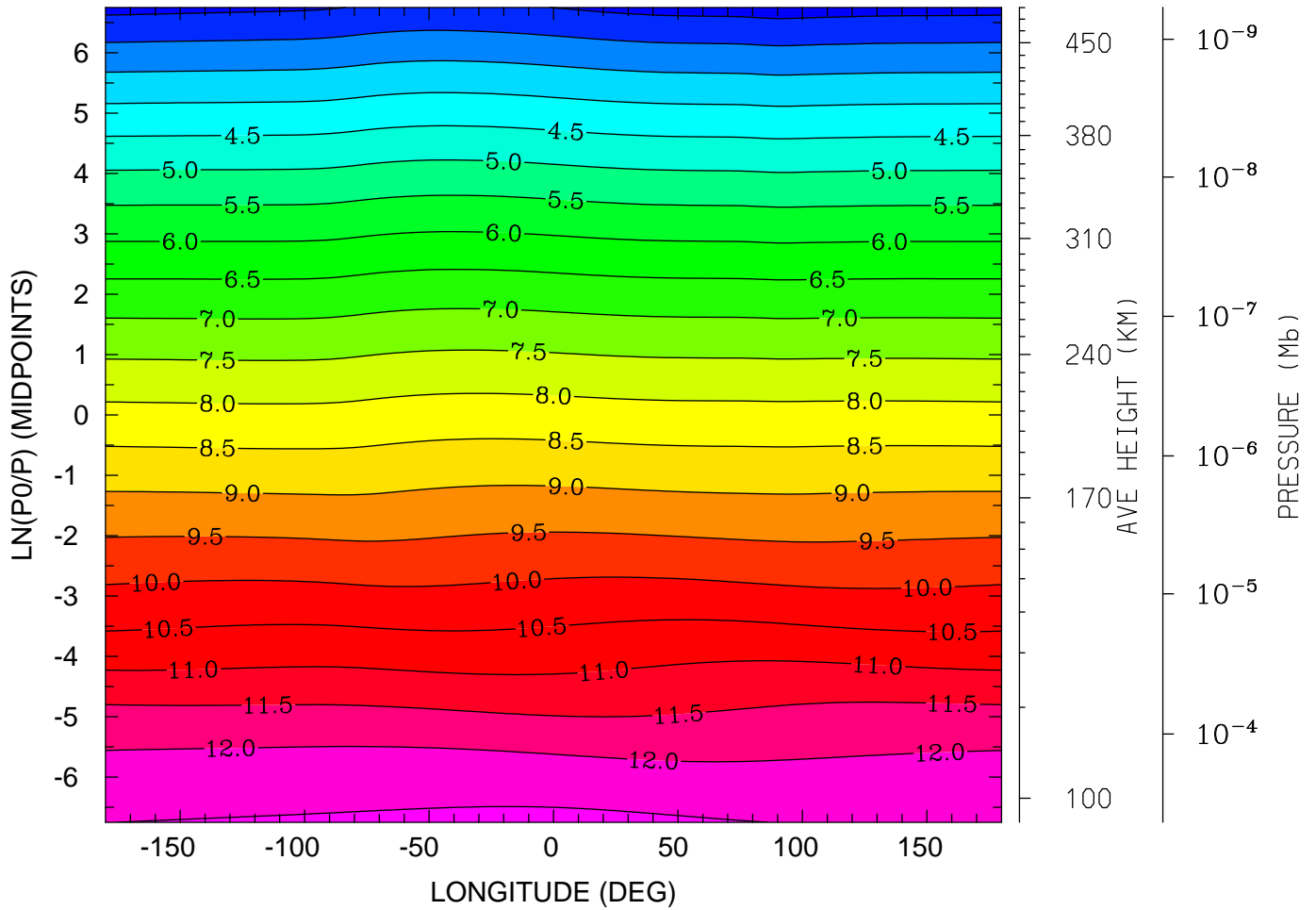
LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= -42.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

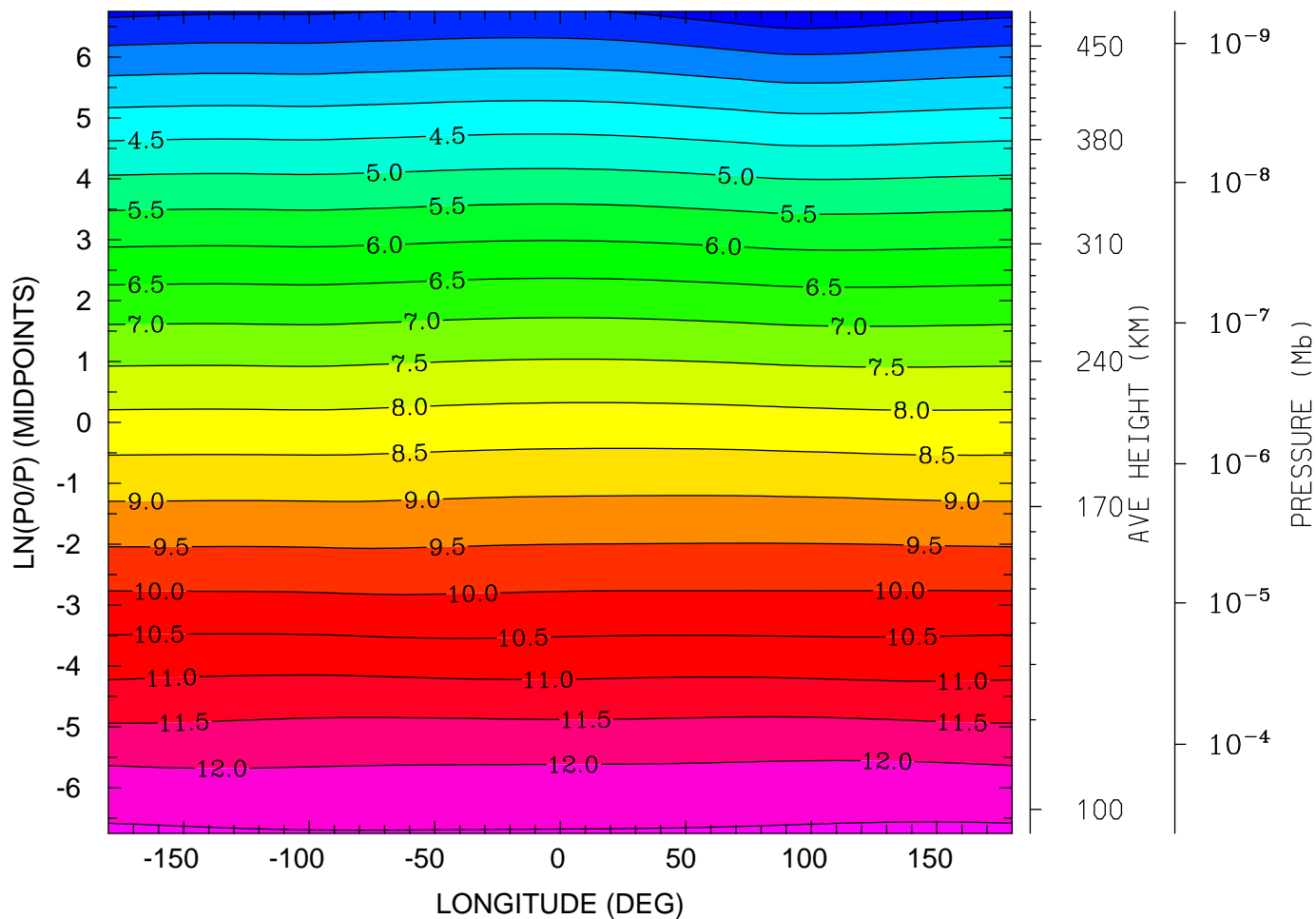
MIN,MAX= 2.4230E+00 1.2584E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= -2.50 (DEG)



MIN,MAX= 2.2905E+00 1.2609E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

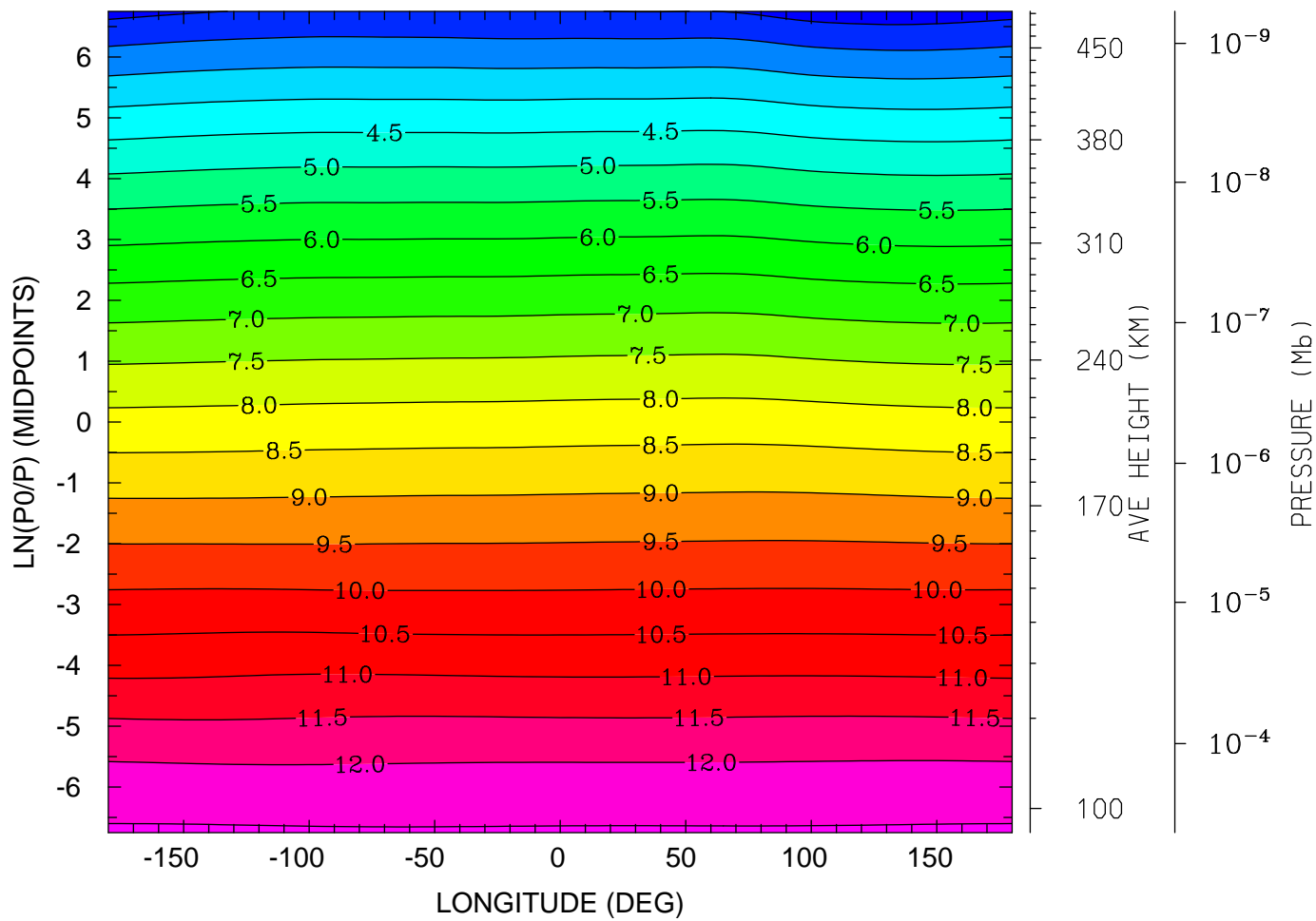
LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= 37.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 2.1518E+00 1.2576E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

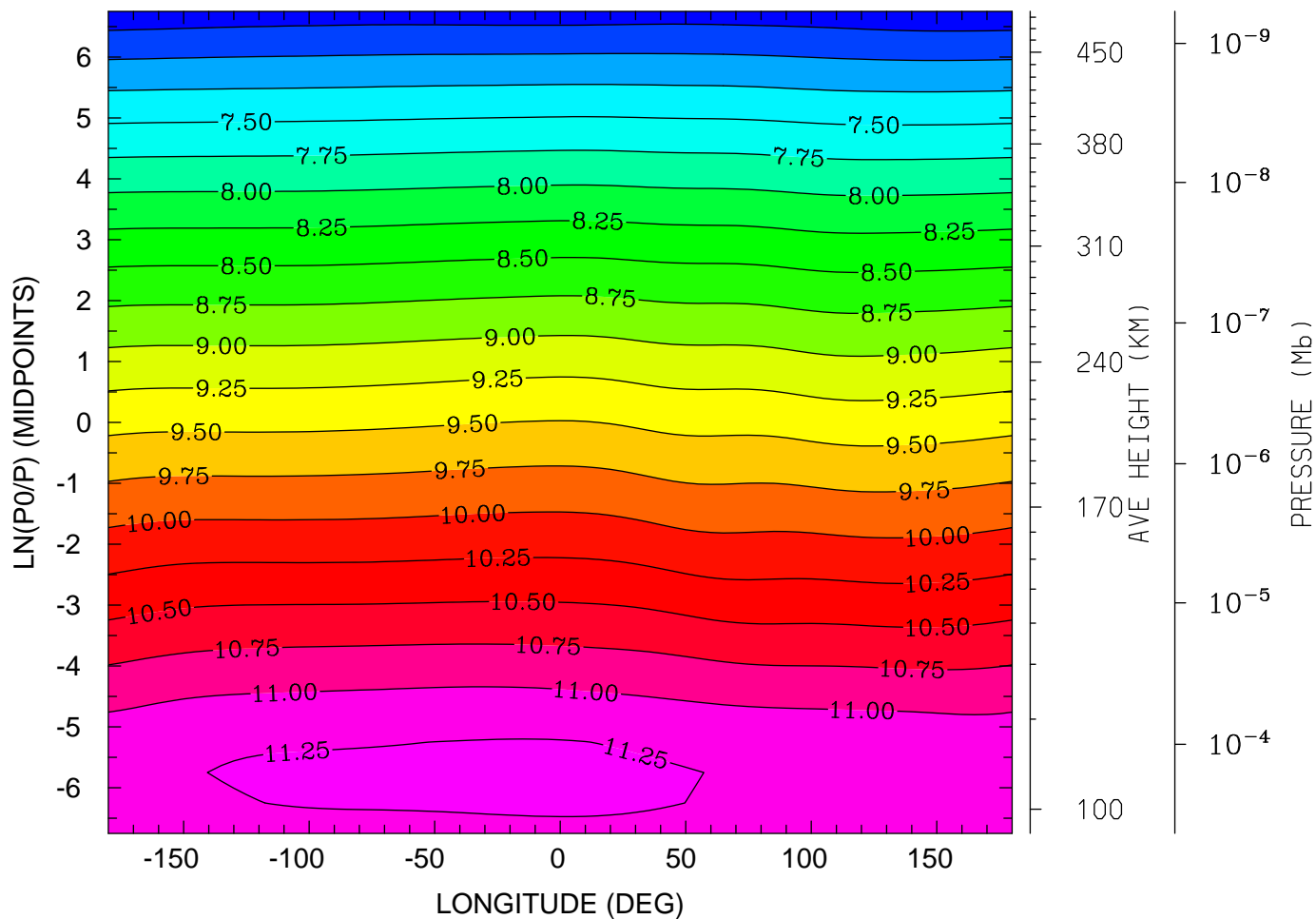
LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= 57.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 2.2333E+00 1.2558E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

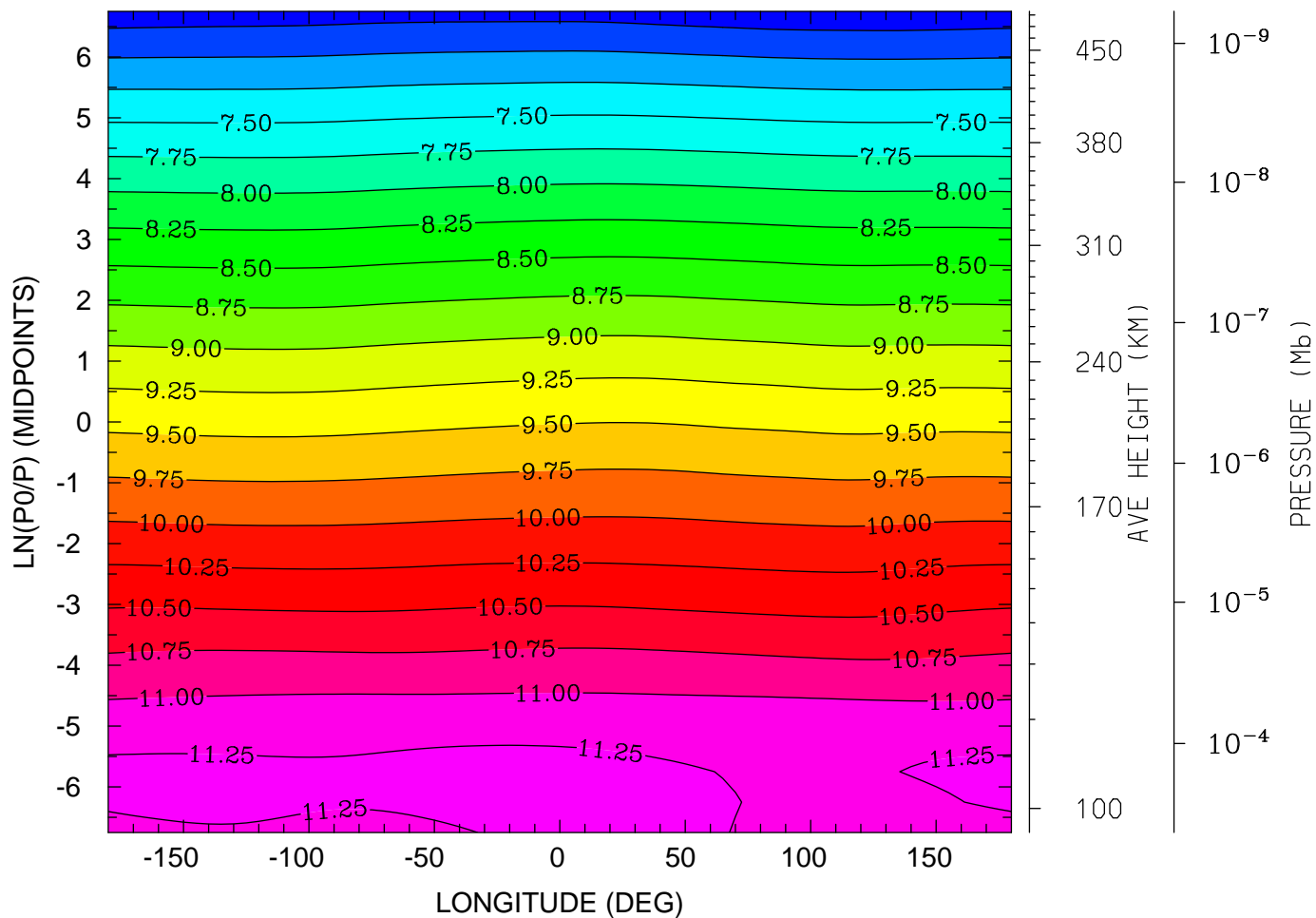
LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

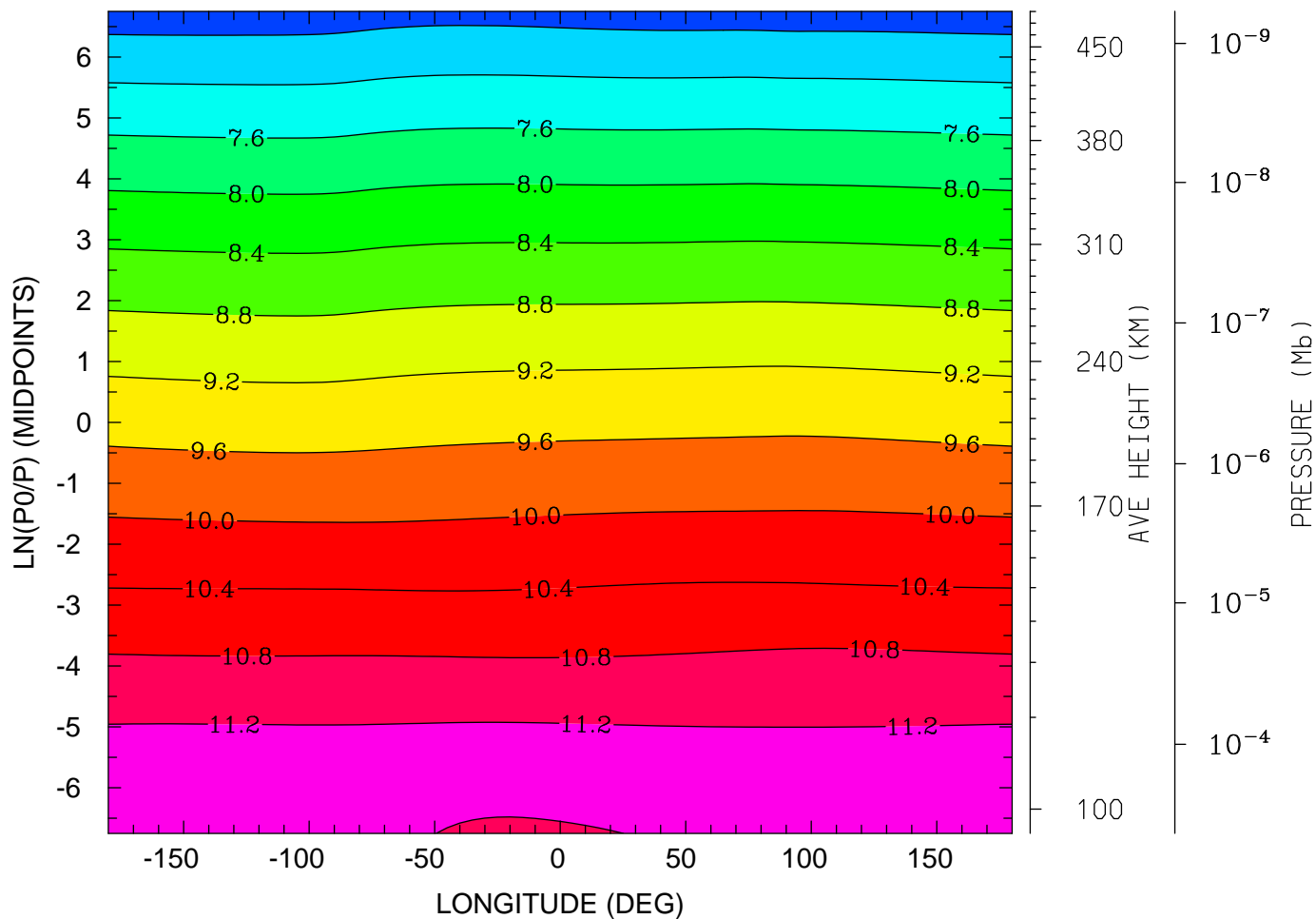
MIN,MAX= 6.5732E+00 1.1321E+01 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= -42.50 (DEG)



MIN,MAX= 6.5733E+00 1.1370E+01 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

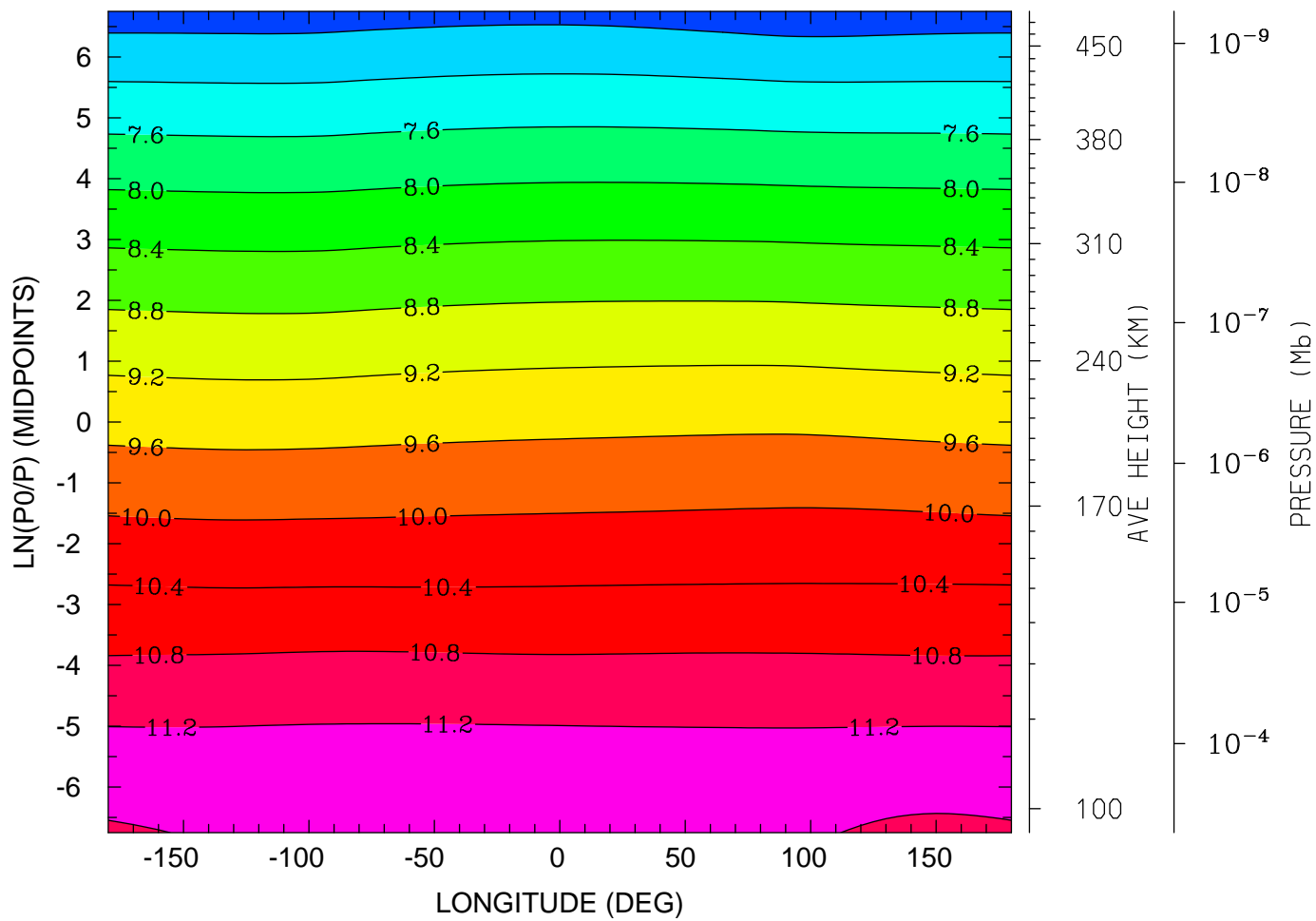
LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= -2.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 6.5894E+00 1.1489E+01 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= 37.50 (DEG)

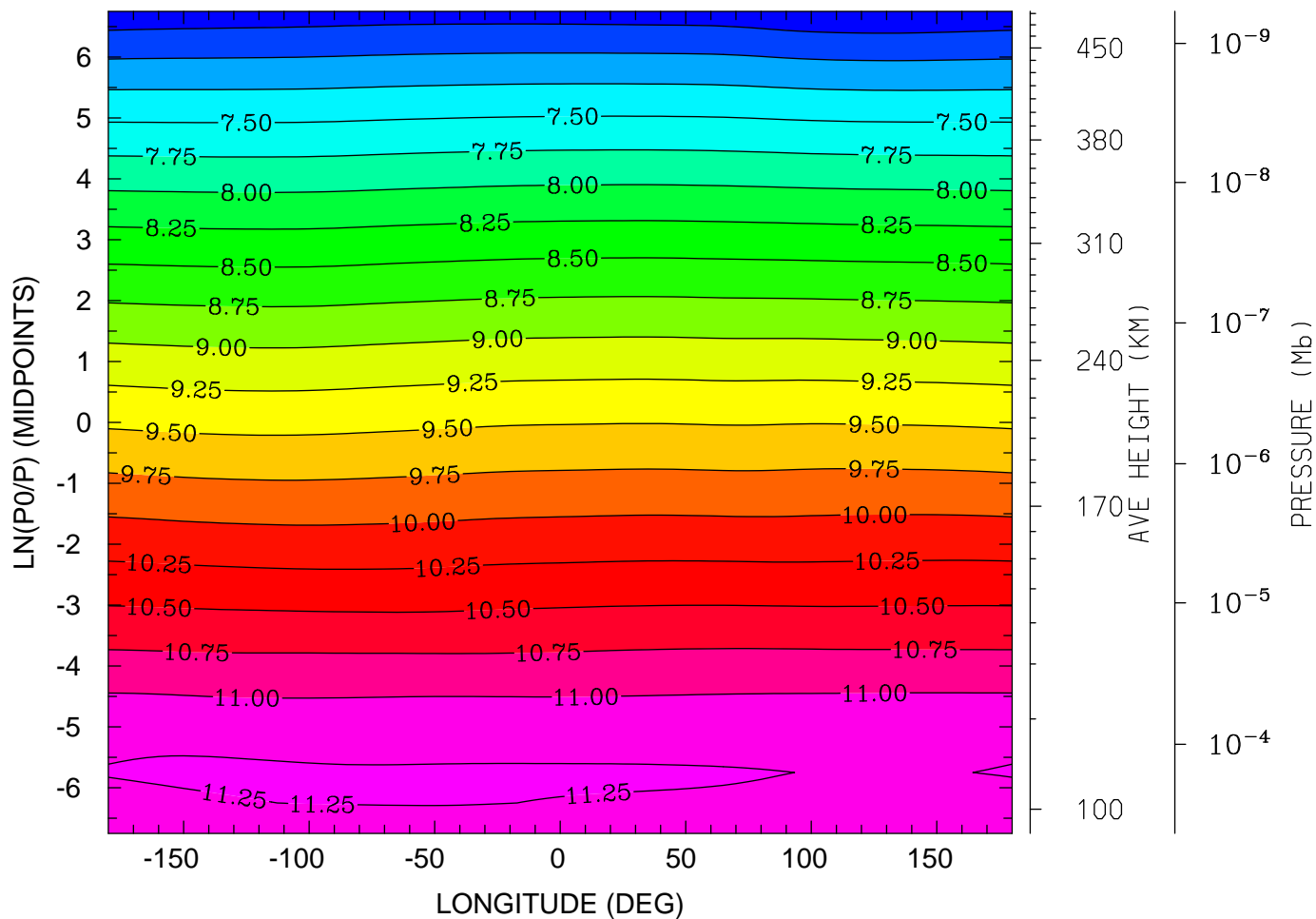


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 6.5505E+00 1.1389E+01 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc



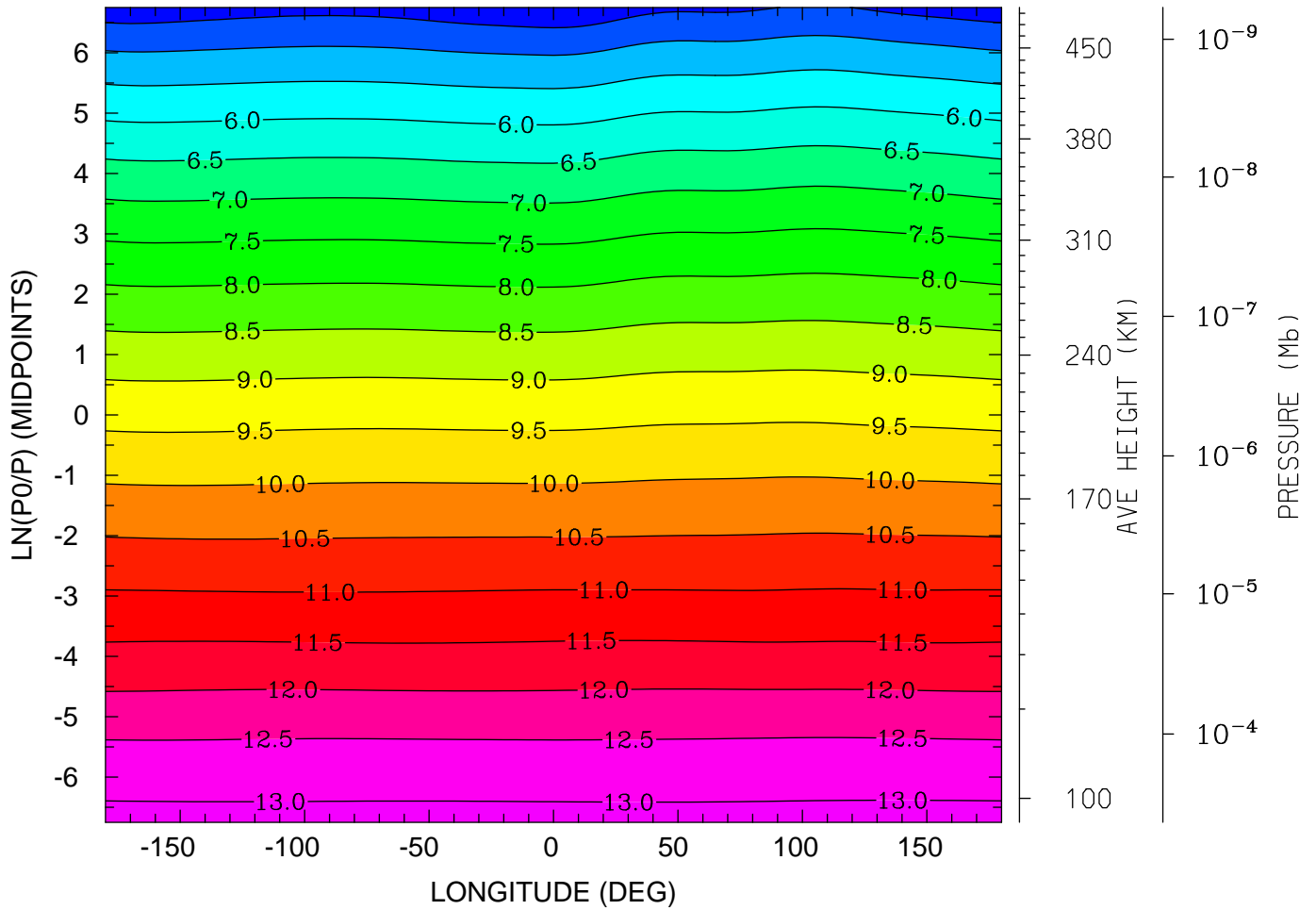
LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= 57.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 6.5355E+00 1.1281E+01 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

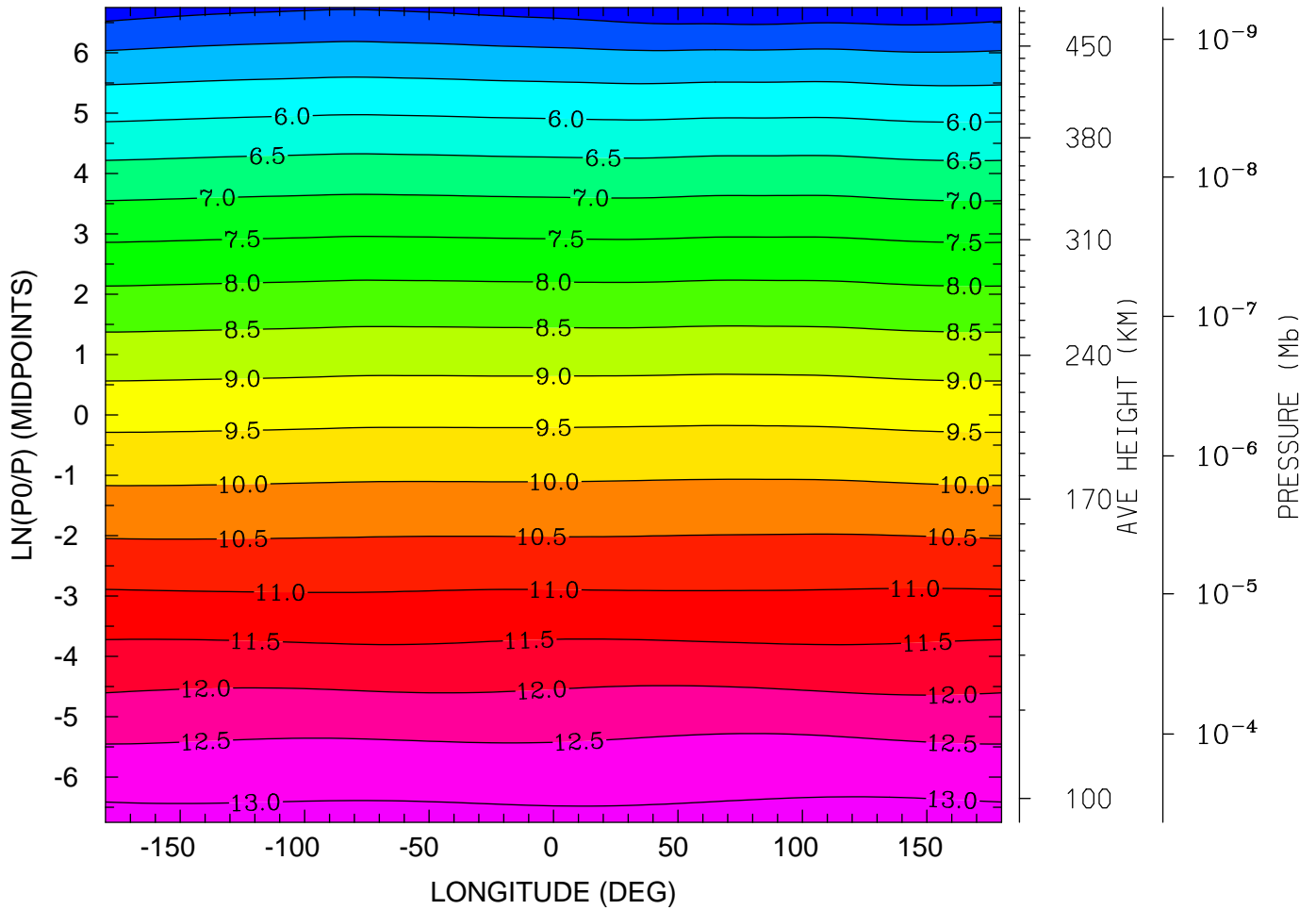
LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

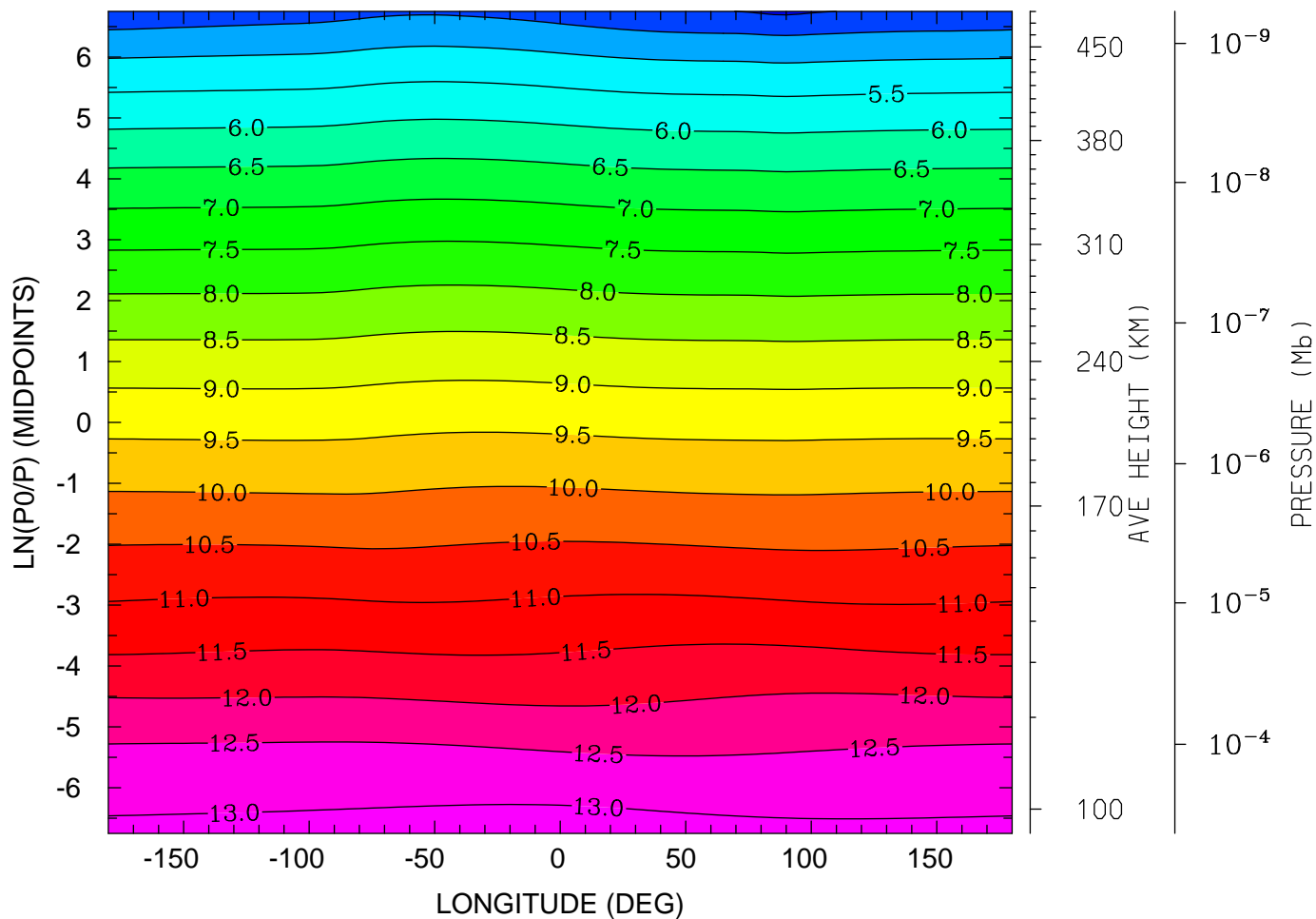
MIN,MAX= 4.0571E+00 1.3135E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= -42.50 (DEG)



MIN,MAX= 4.1144E+00 1.3165E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

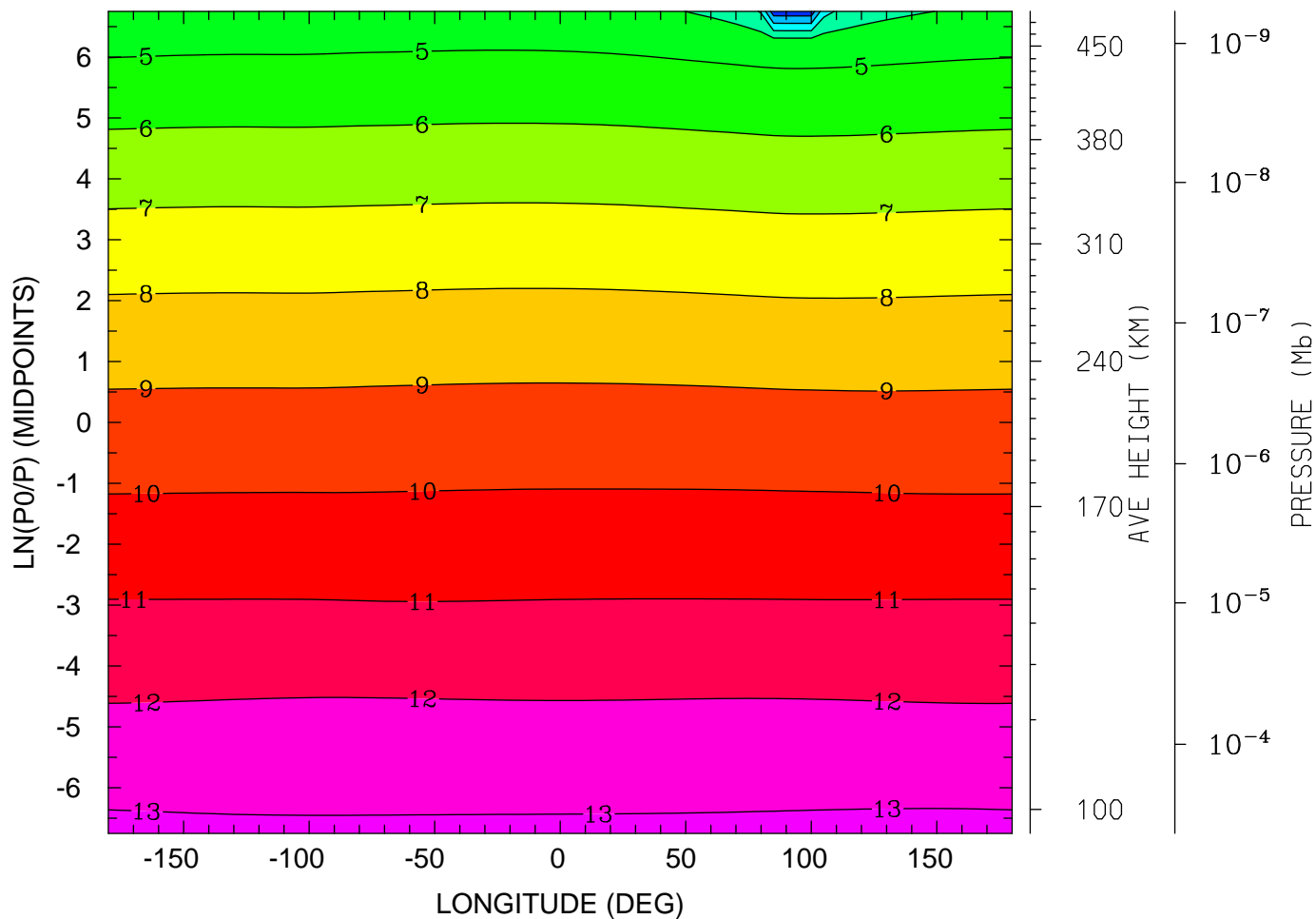
LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= -2.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

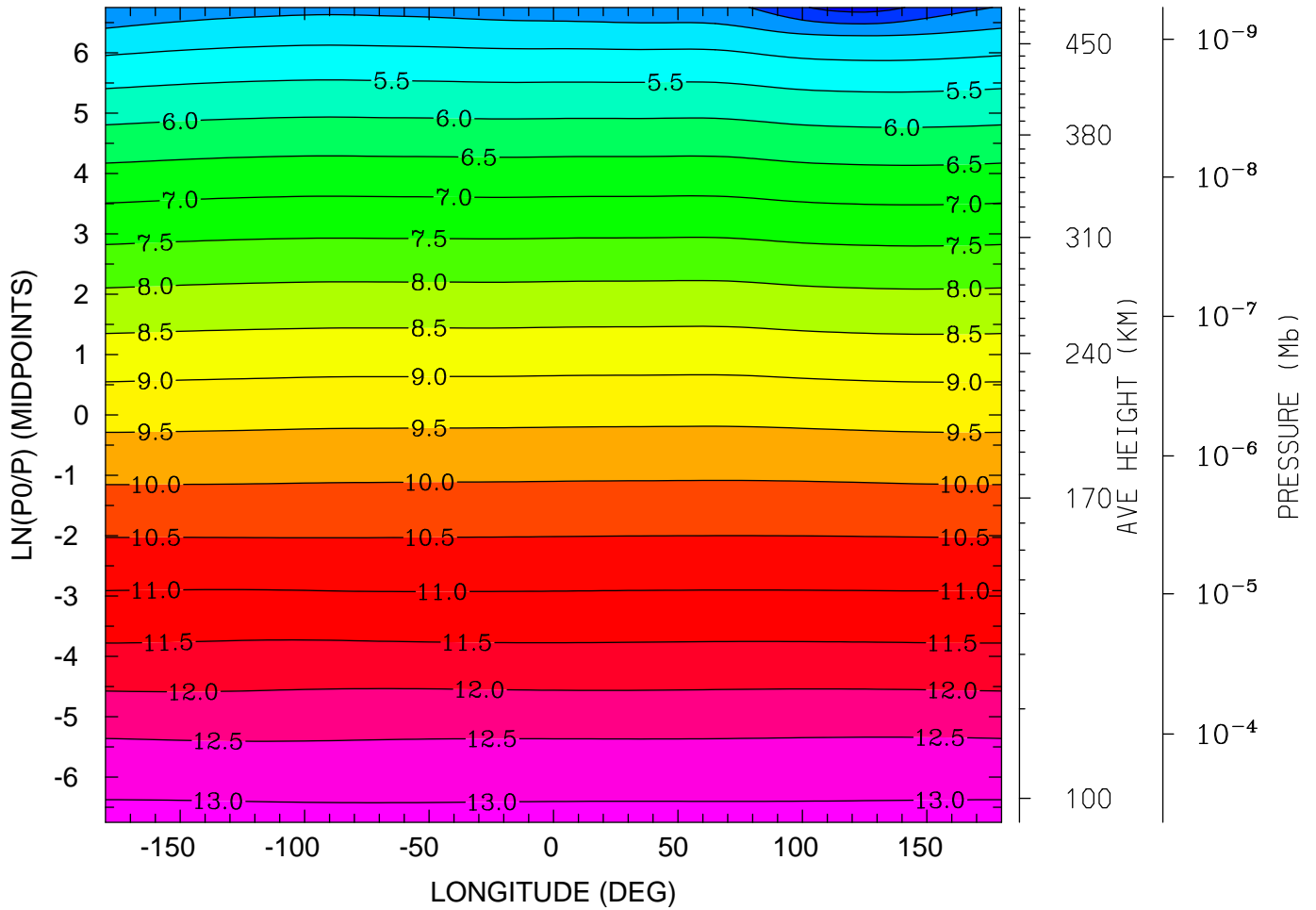
MIN,MAX= 3.9148E+00 1.3190E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= 37.50 (DEG)



MIN,MAX= 3.8289E-01 1.3157E+01 INTERVAL= 1.0000E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

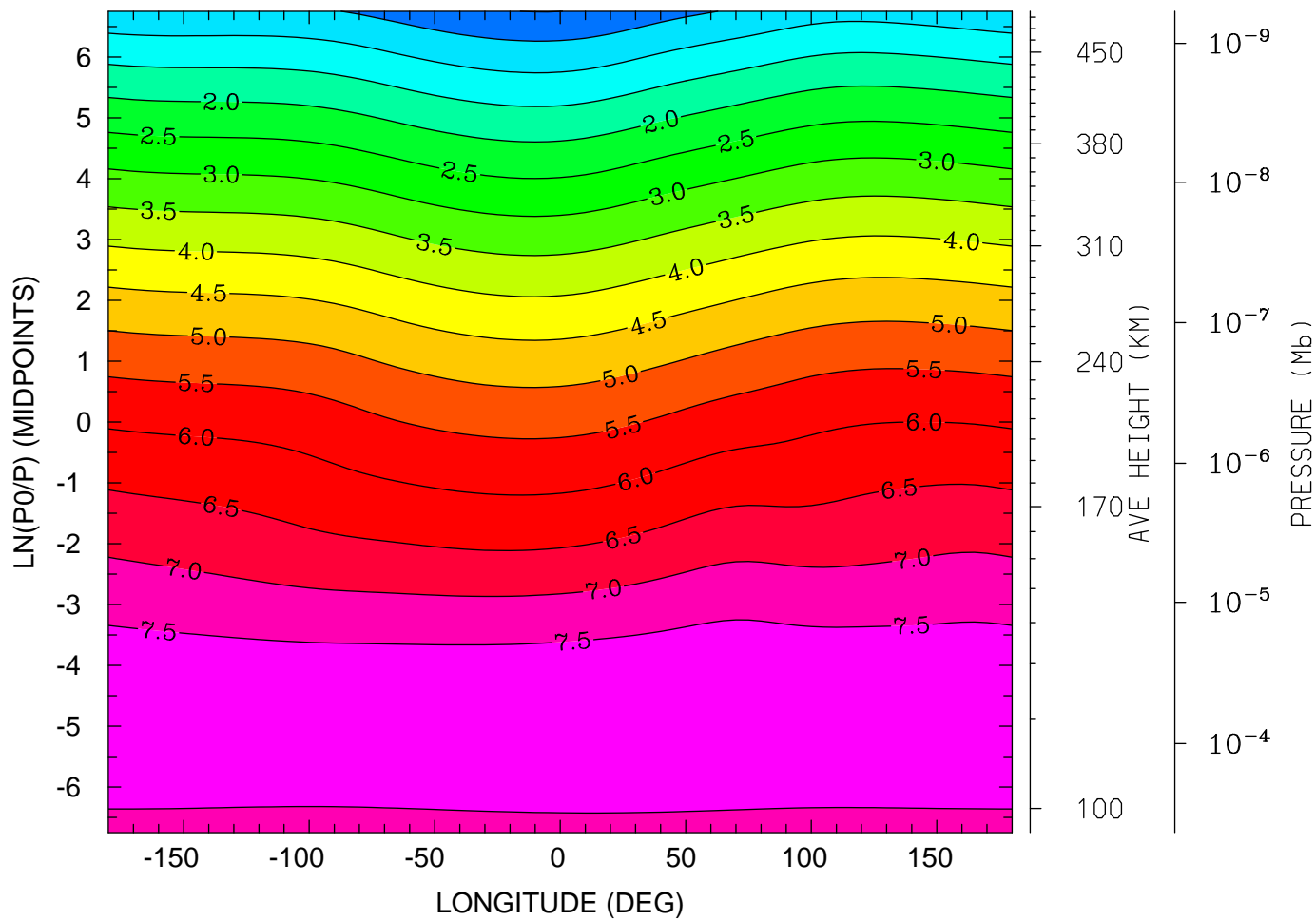
LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= 57.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 3.3051E+00 1.3139E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

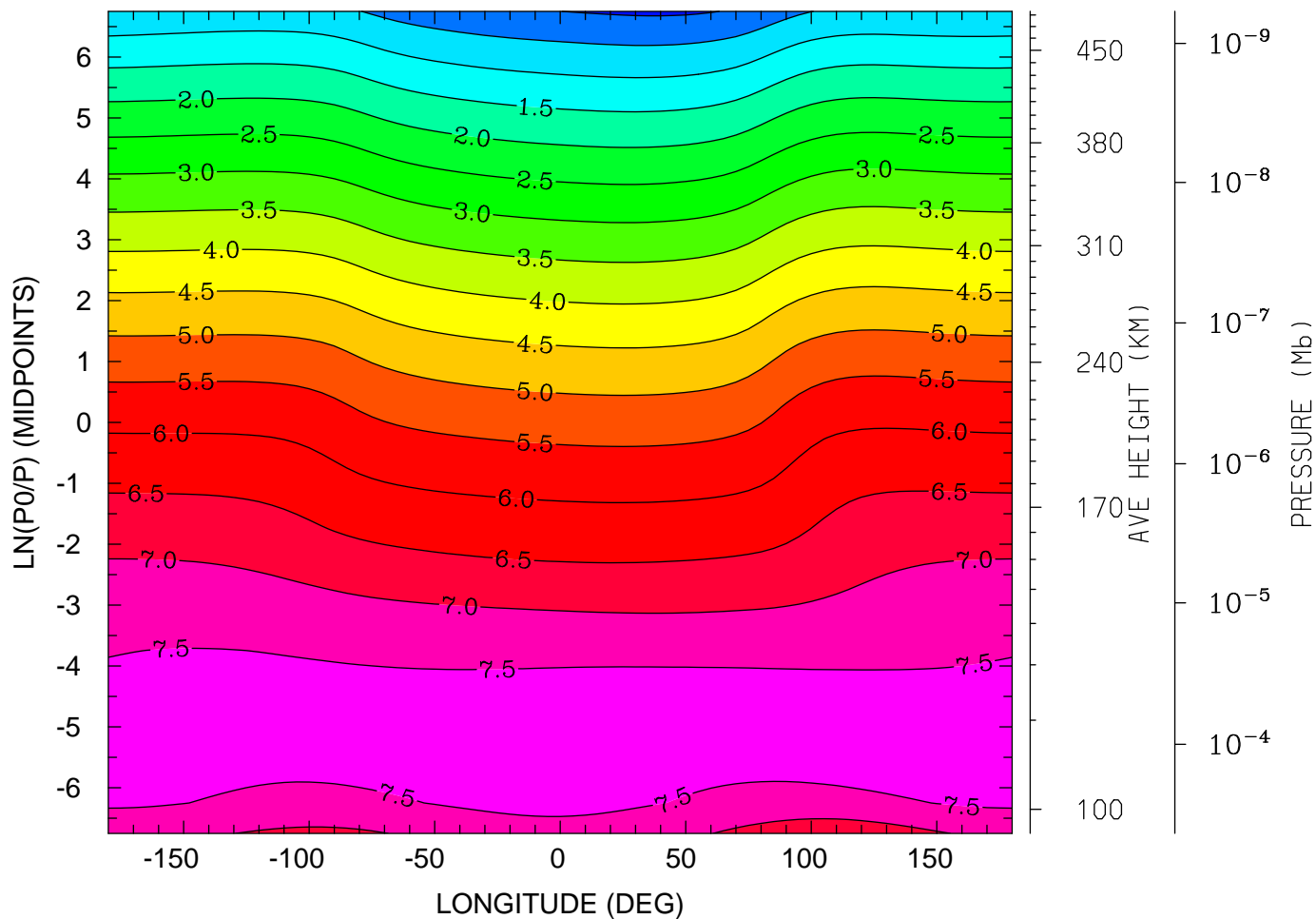
LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -1.0325E-02 7.9938E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

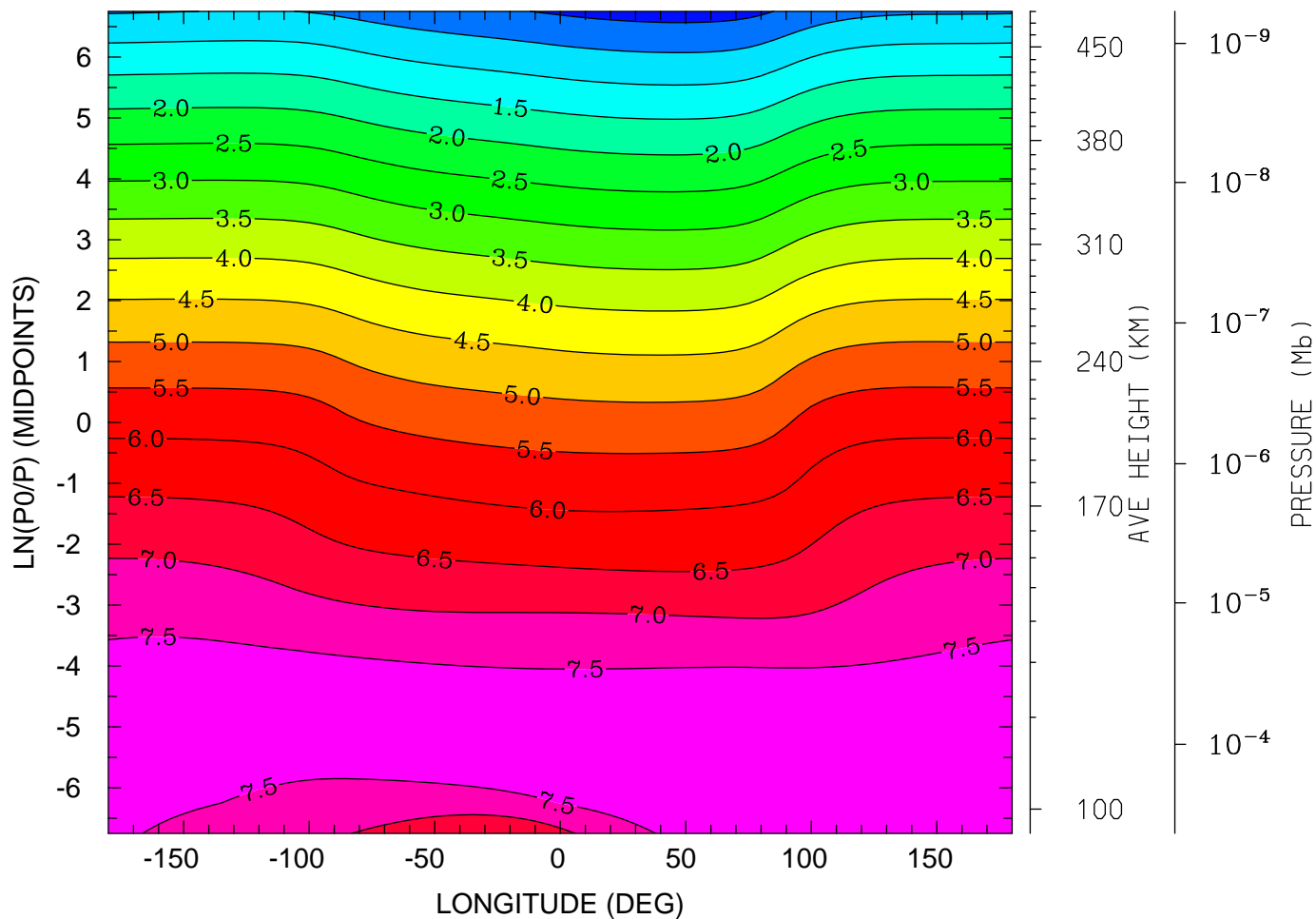
LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= -42.50 (DEG)



MIN,MAX= -7.6820E-02 7.8328E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

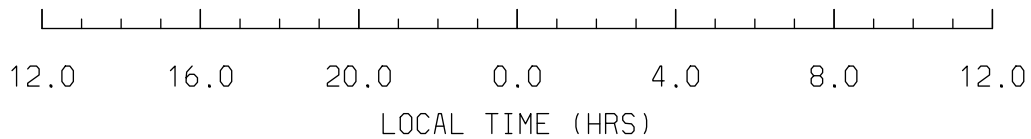
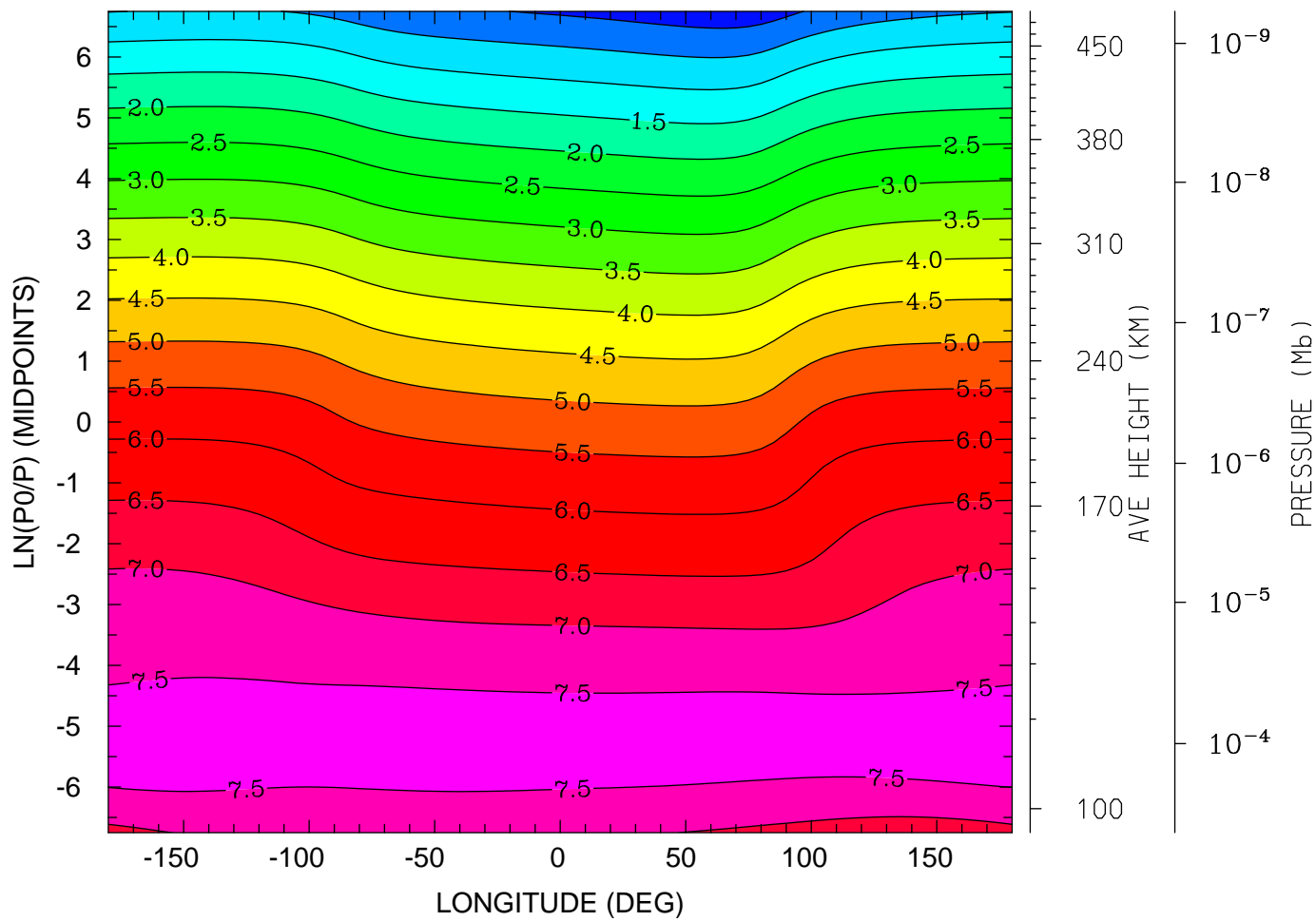


LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= -2.50 (DEG)



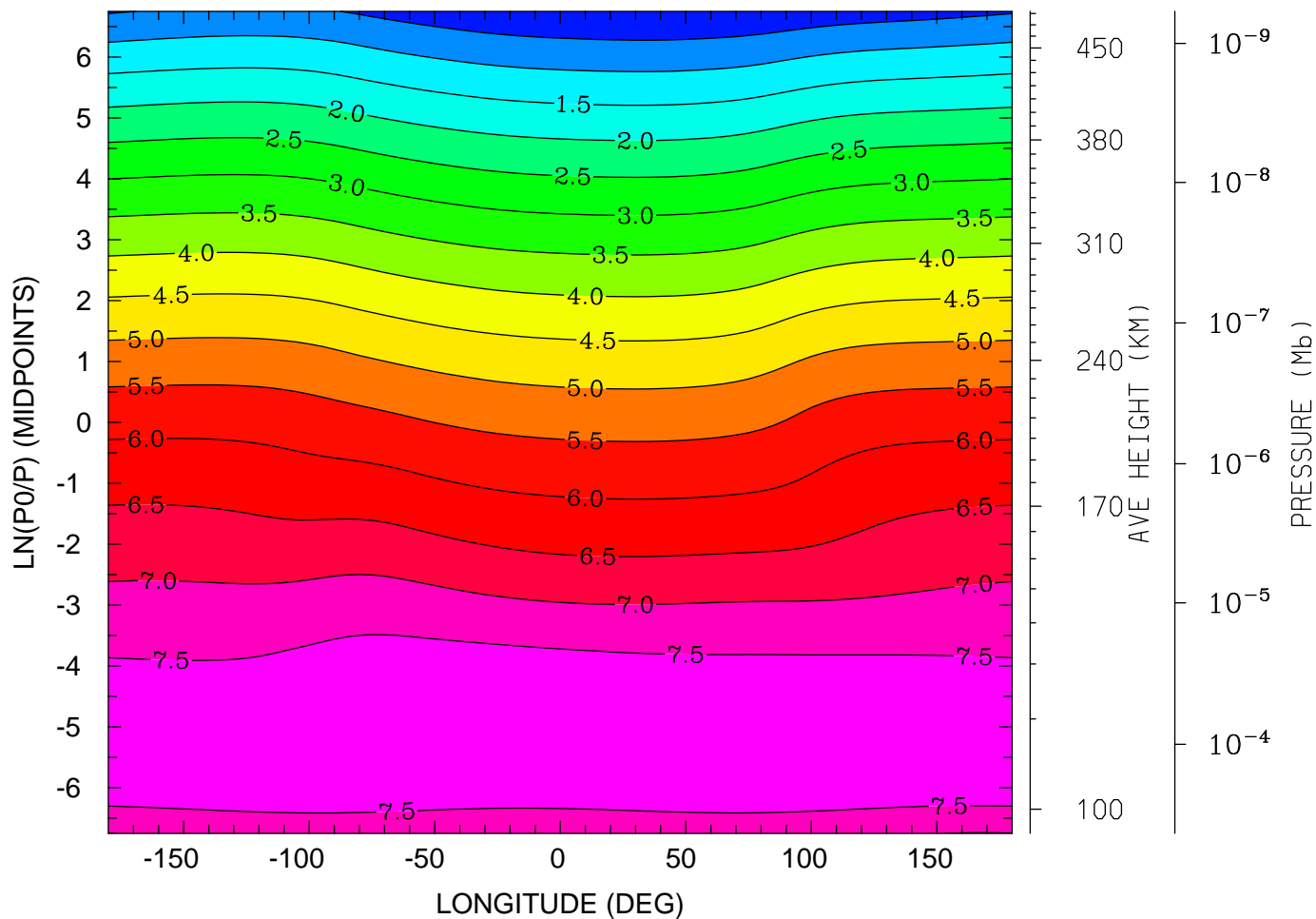
MIN,MAX= -1.9321E-01 7.9039E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 37.50 (DEG)



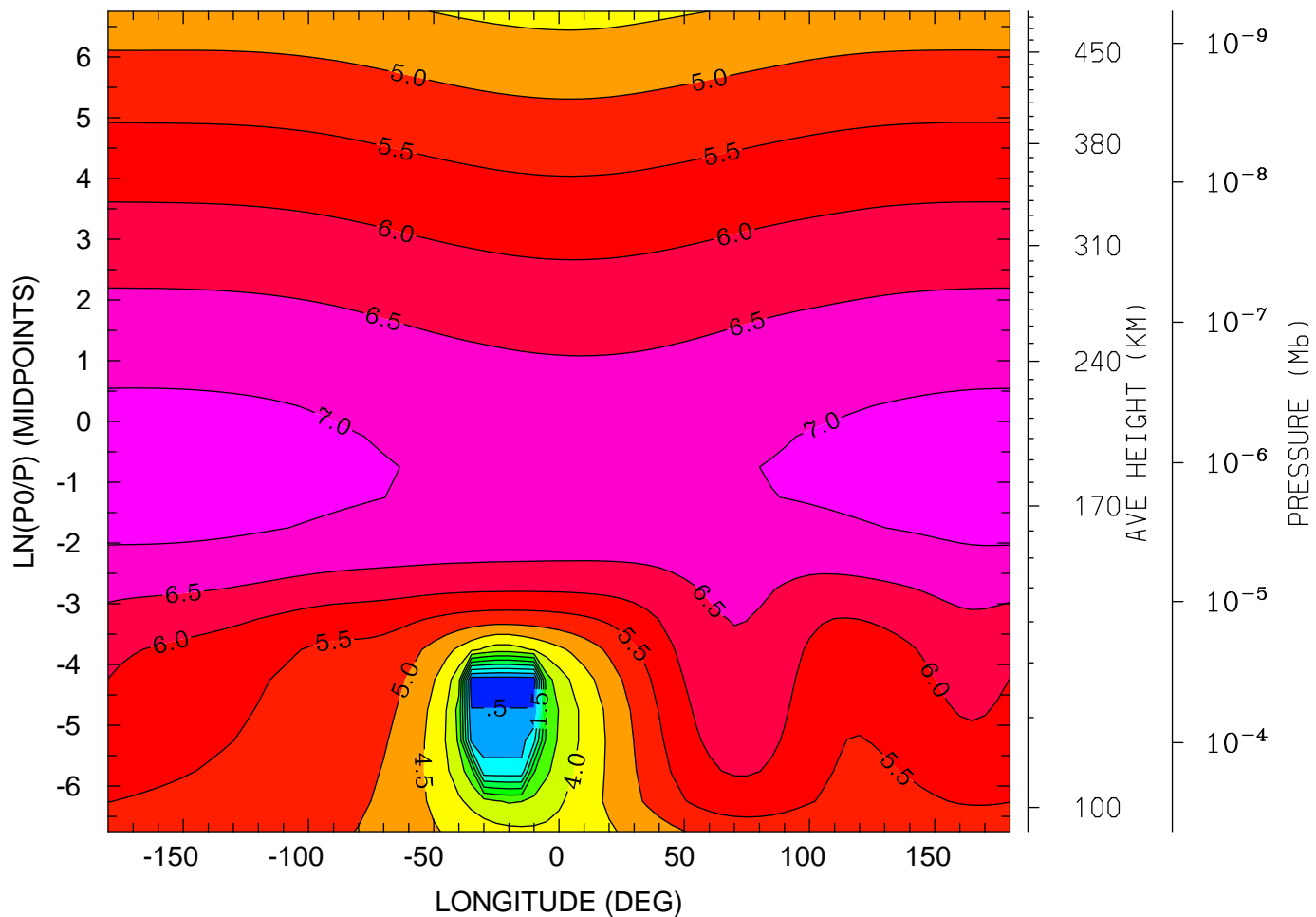
MIN,MAX= -3.0354E-01 7.6861E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 57.50 (DEG)



MIN,MAX= 7.5609E-04 7.9585E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

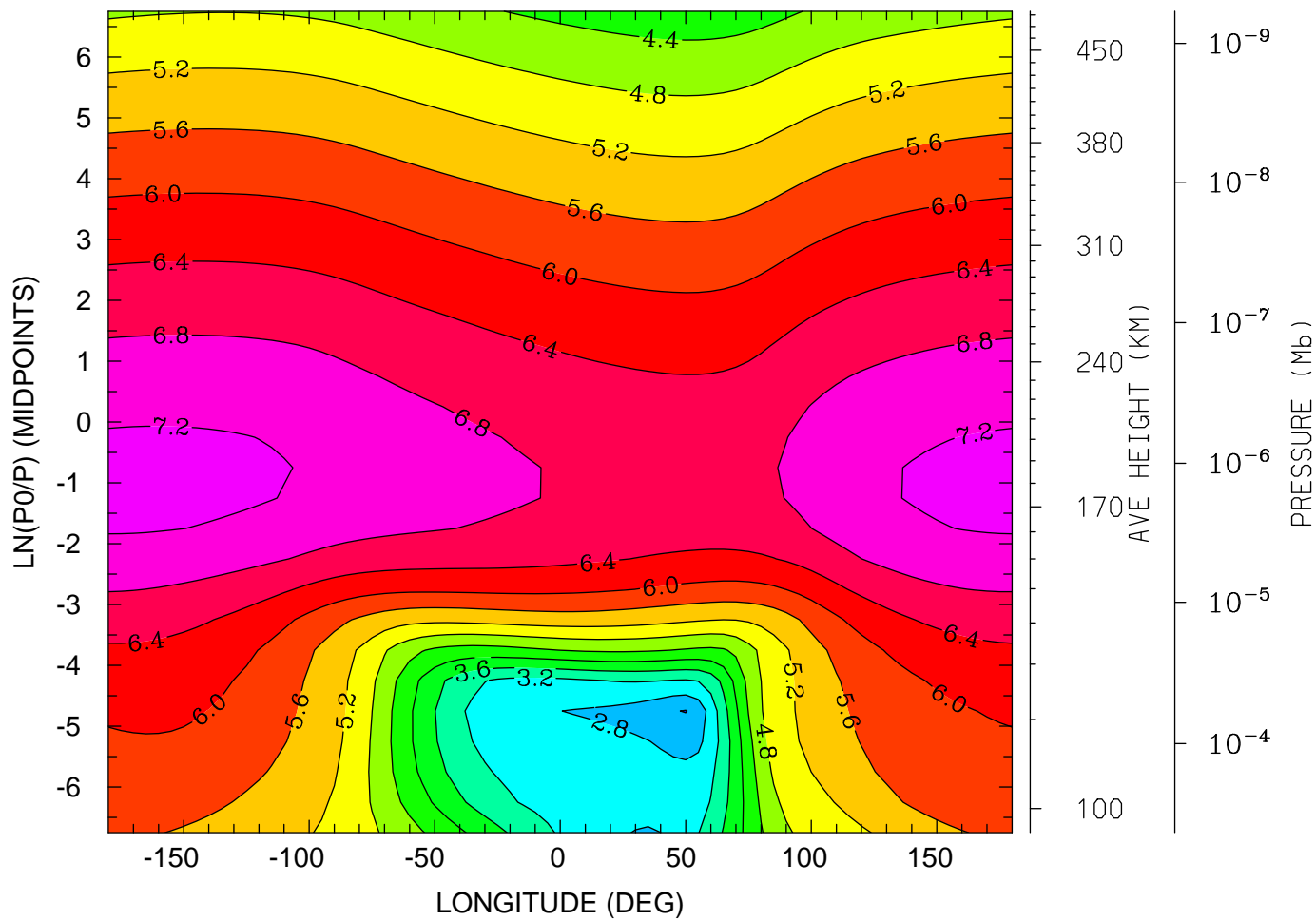
LOG10 N4S (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 2.0245E-01 7.2297E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

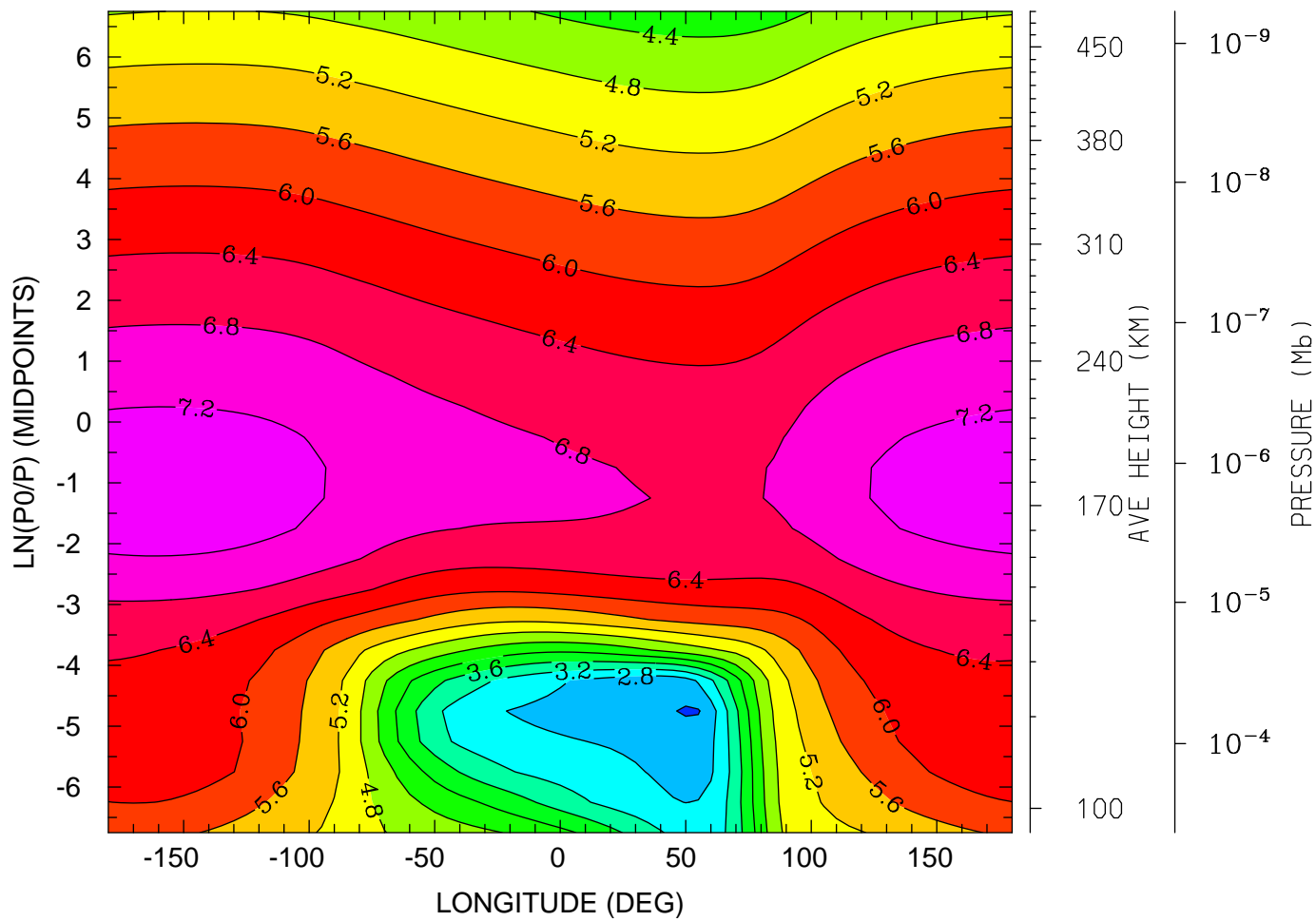
LOG10 N4S (CM3)  
UT= 0.00 LAT= -42.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 2.3827E+00 7.3068E+00 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeq\_smin\_sech\_005.nc

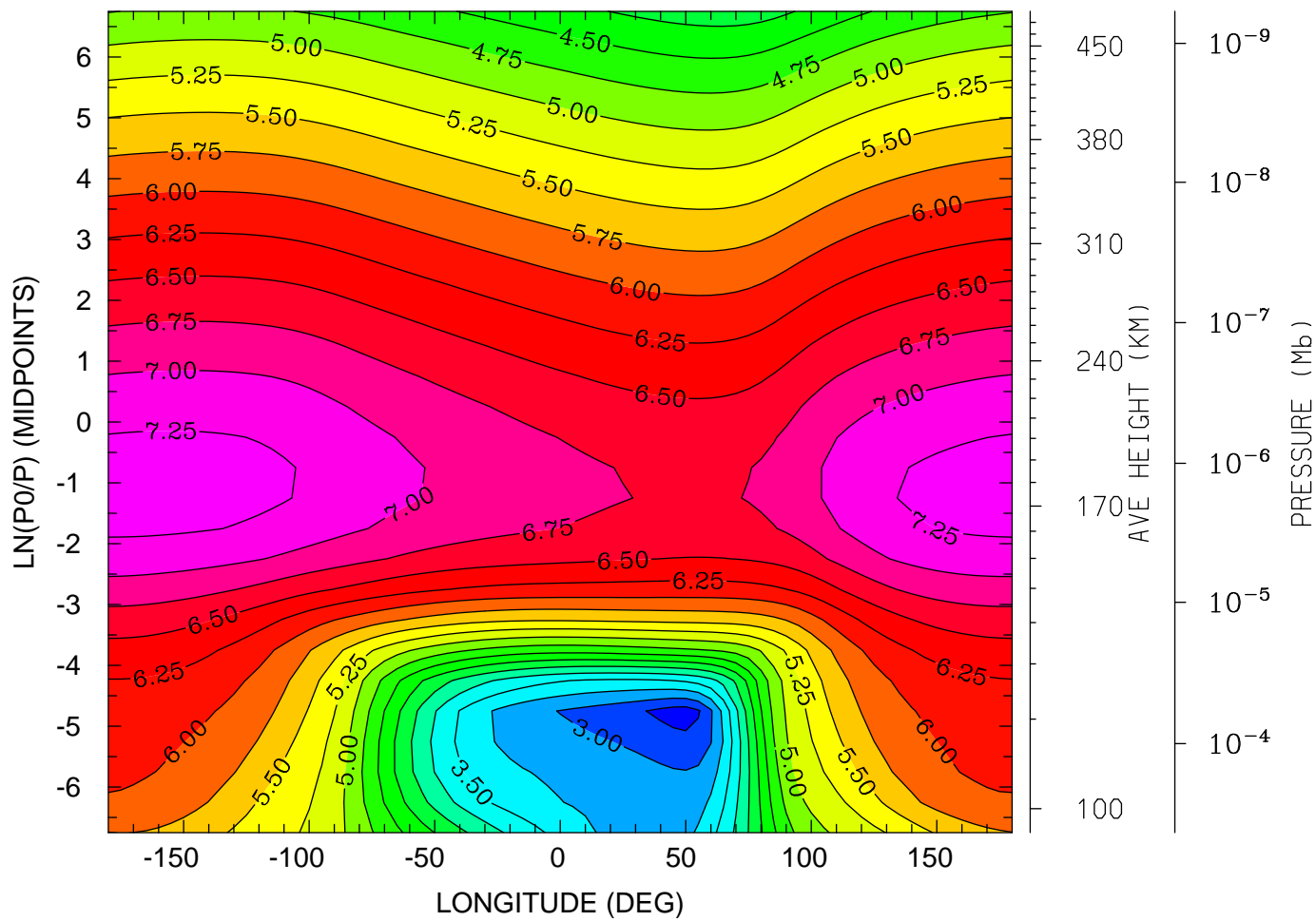
LOG10 N4S (CM3)  
UT= 0.00 LAT= -2.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 2.3543E+00 7.4157E+00 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

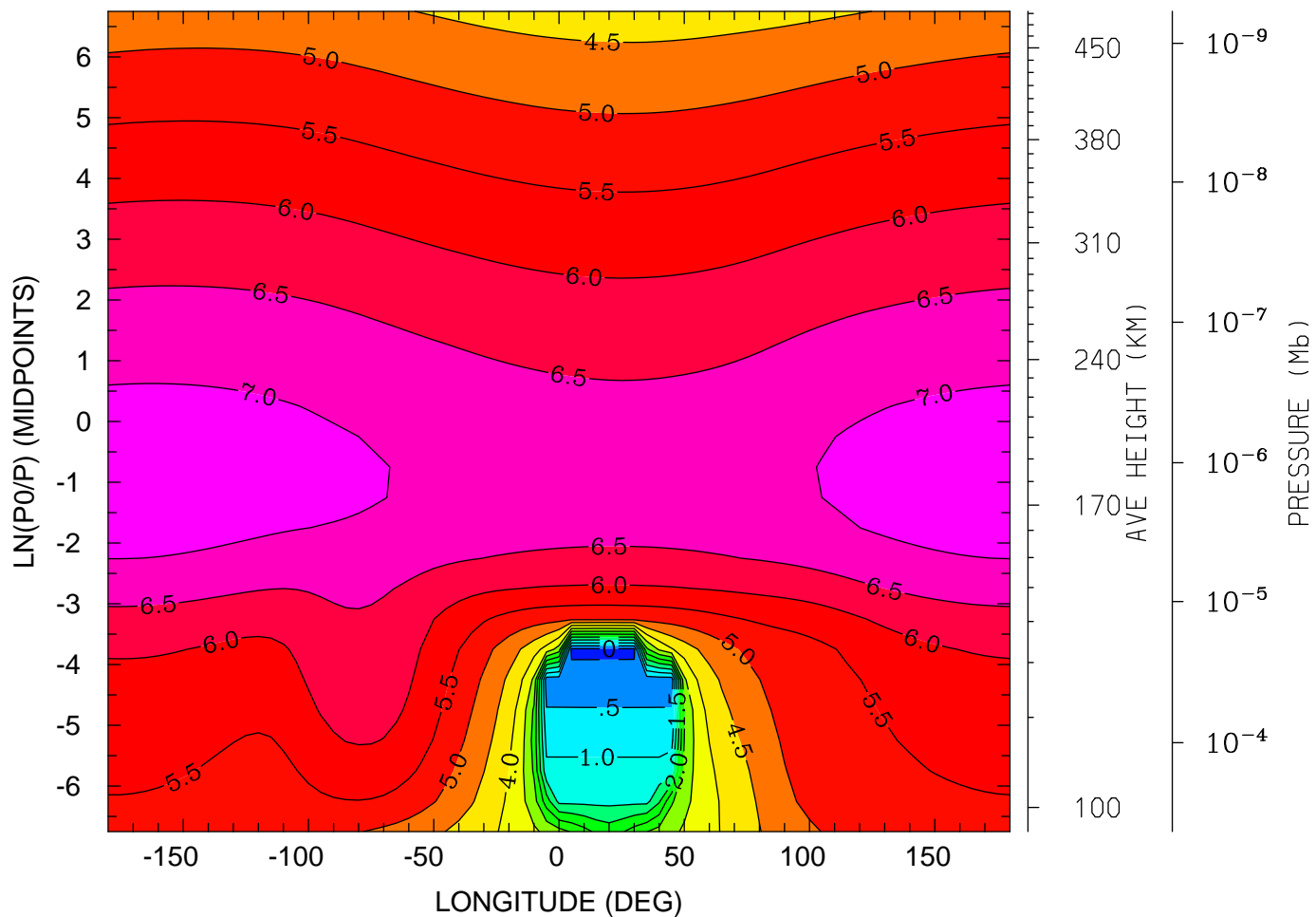
LOG10 N4S (CM3)  
UT= 0.00 LAT= 37.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 2.6258E+00 7.3587E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

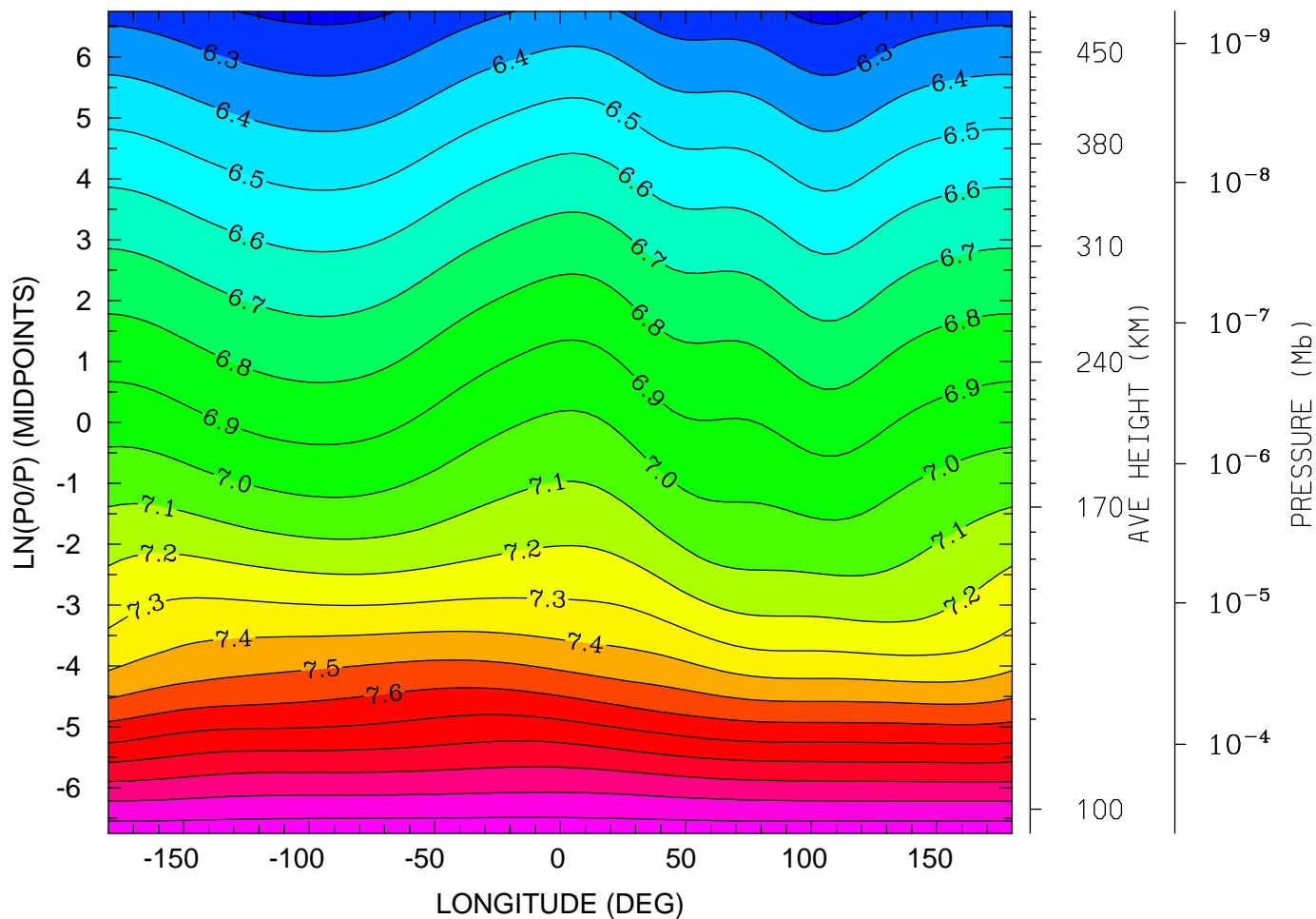
LOG10 N4S (CM3)  
UT= 0.00 LAT= 57.50 (DEG)



MIN,MAX= -1.0663E-01 7.2769E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc



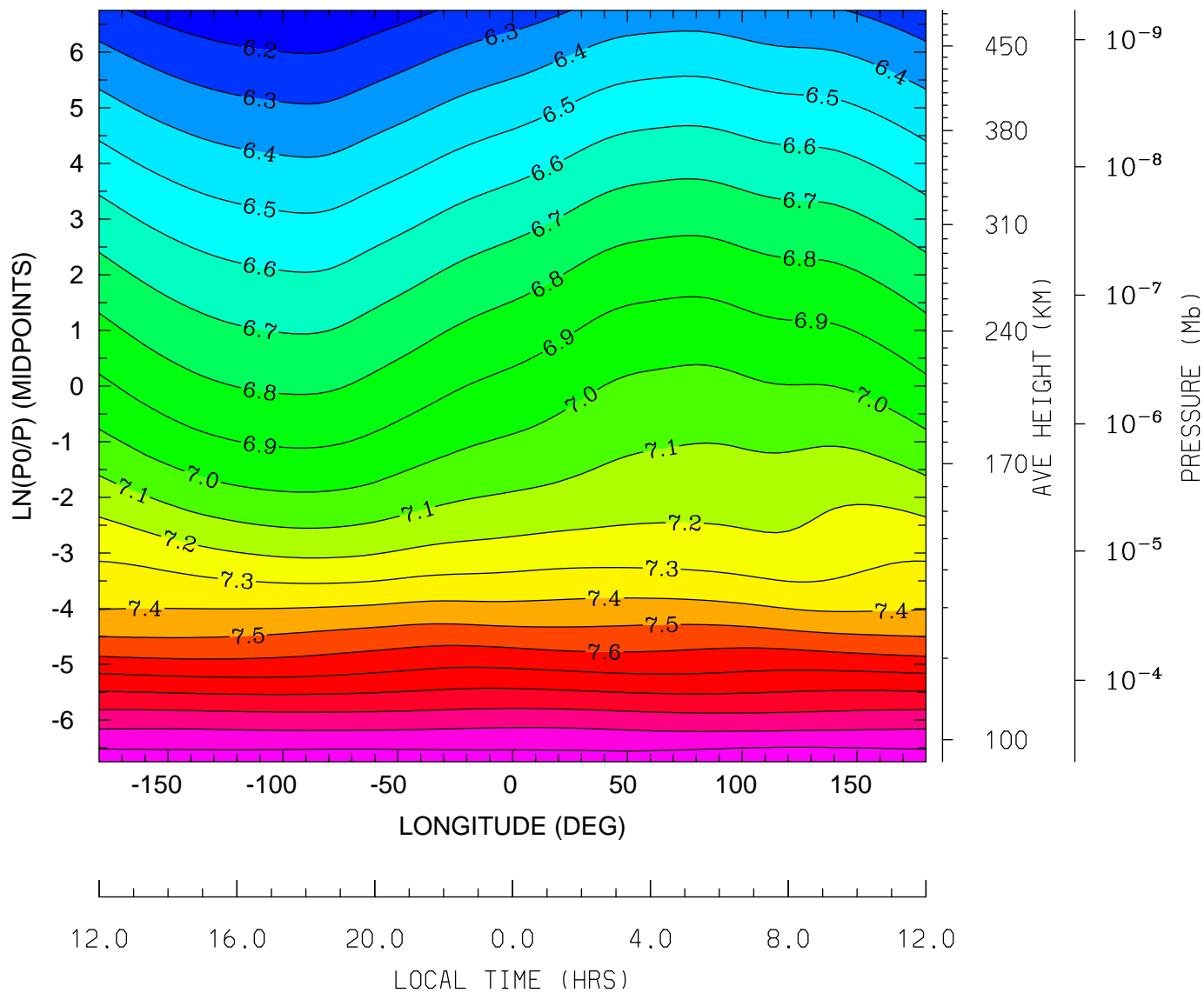
LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

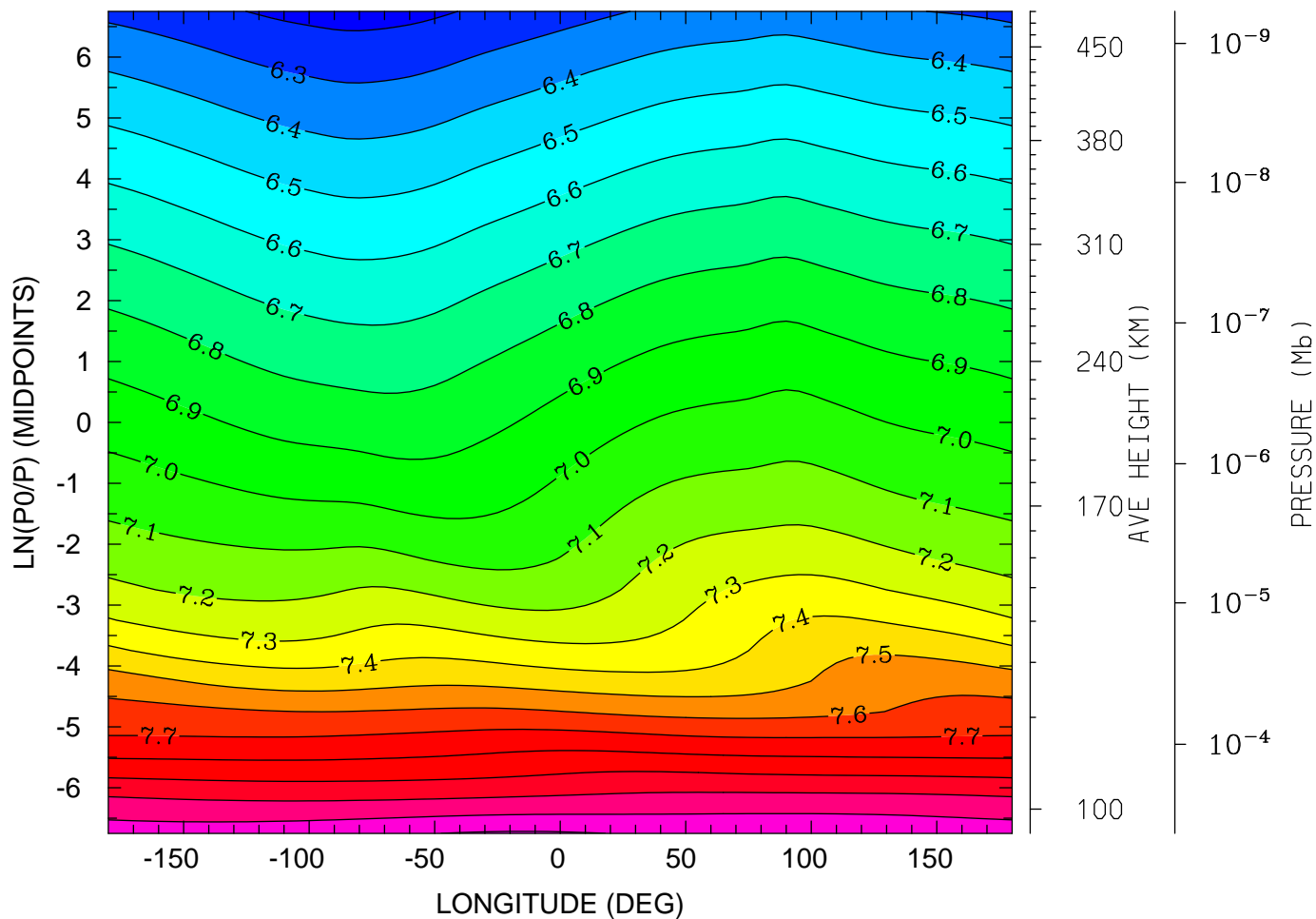
MIN,MAX= 6.1731E+00 8.1649E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= -42.50 (DEG)



MIN,MAX= 6.1080E+00 8.1886E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

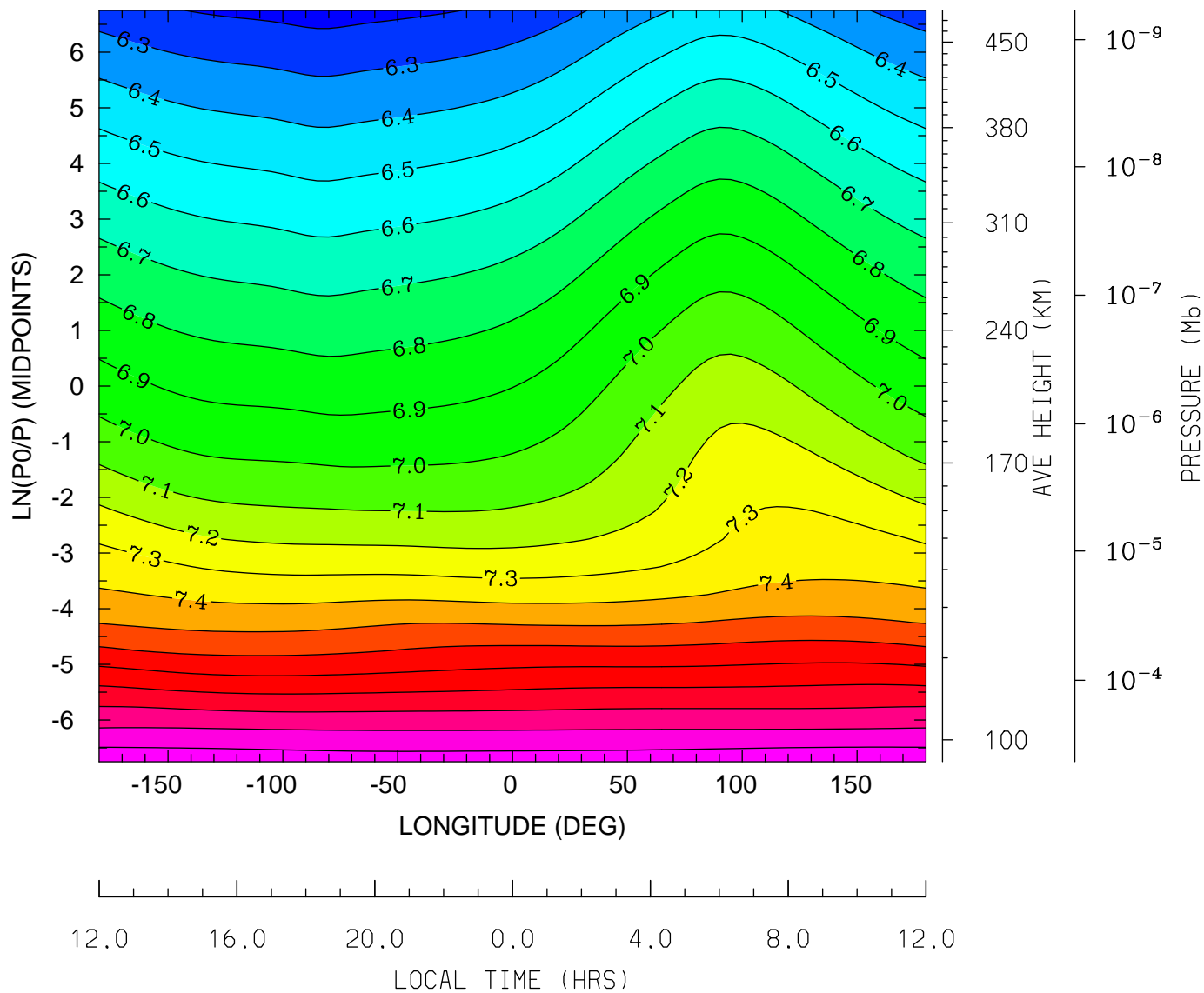
LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= -2.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

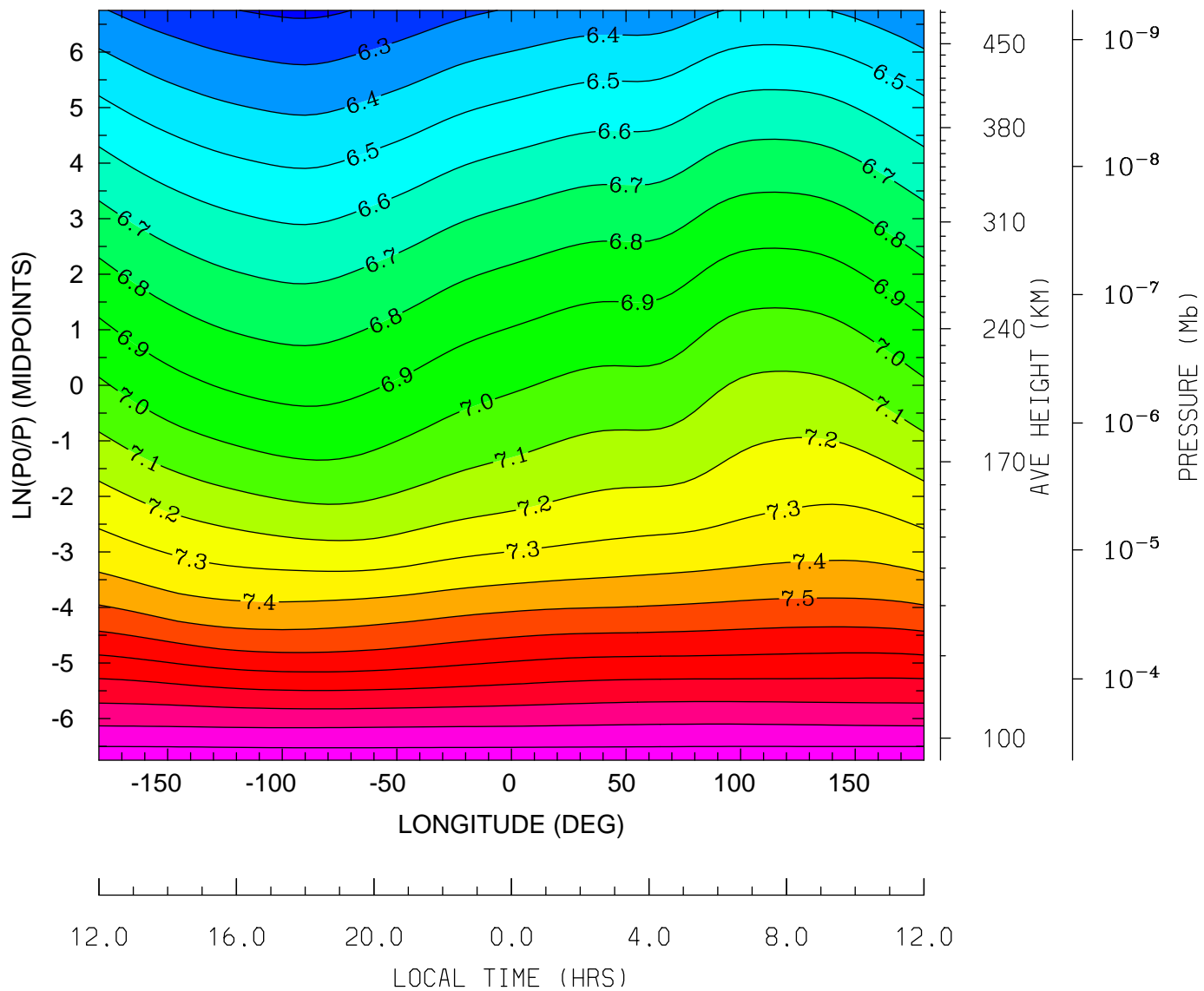
MIN,MAX= 6.1609E+00 8.2119E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 37.50 (DEG)



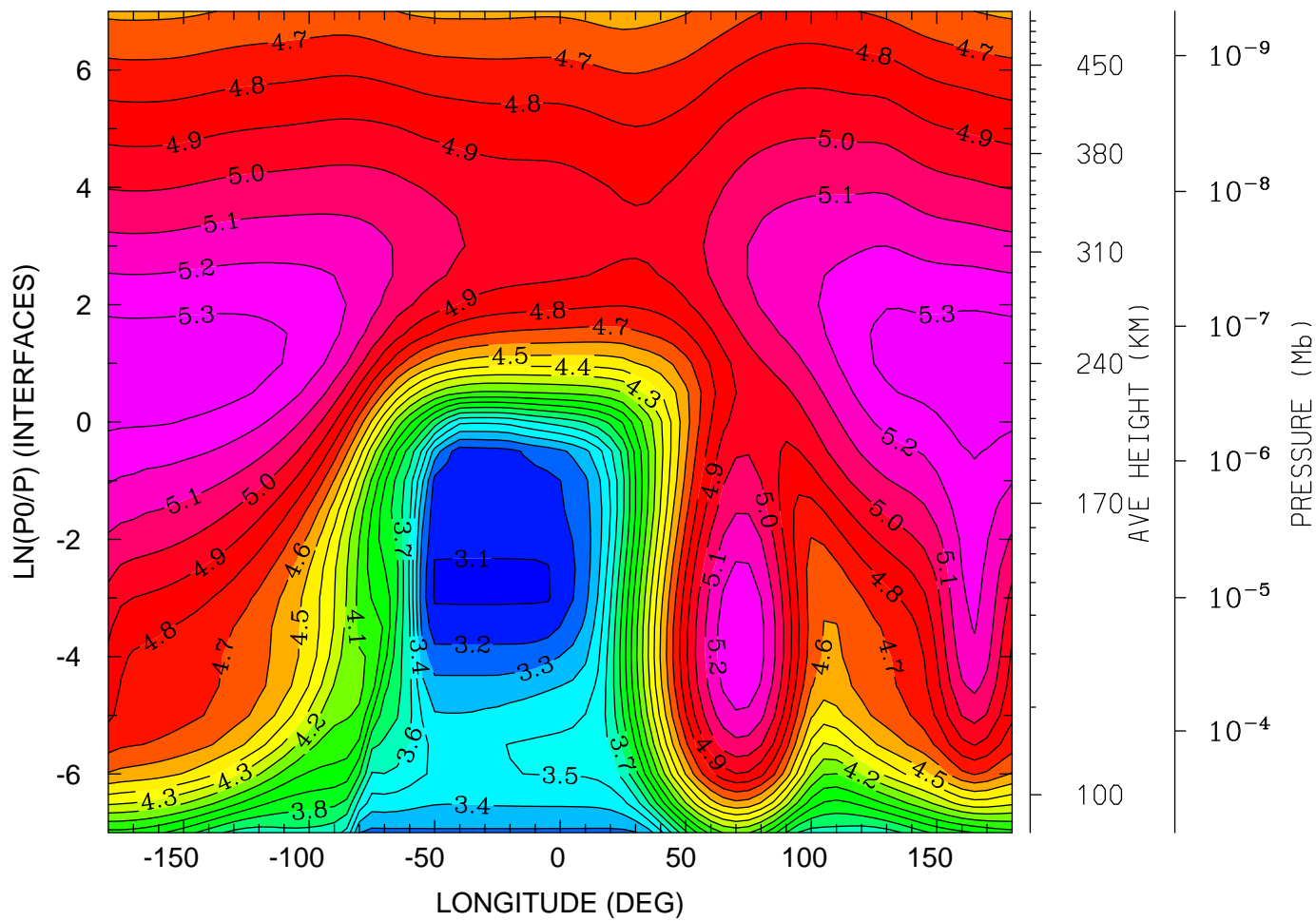
MIN,MAX= 6.1600E+00 8.1836E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 57.50 (DEG)



MIN,MAX= 6.1820E+00 8.1692E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

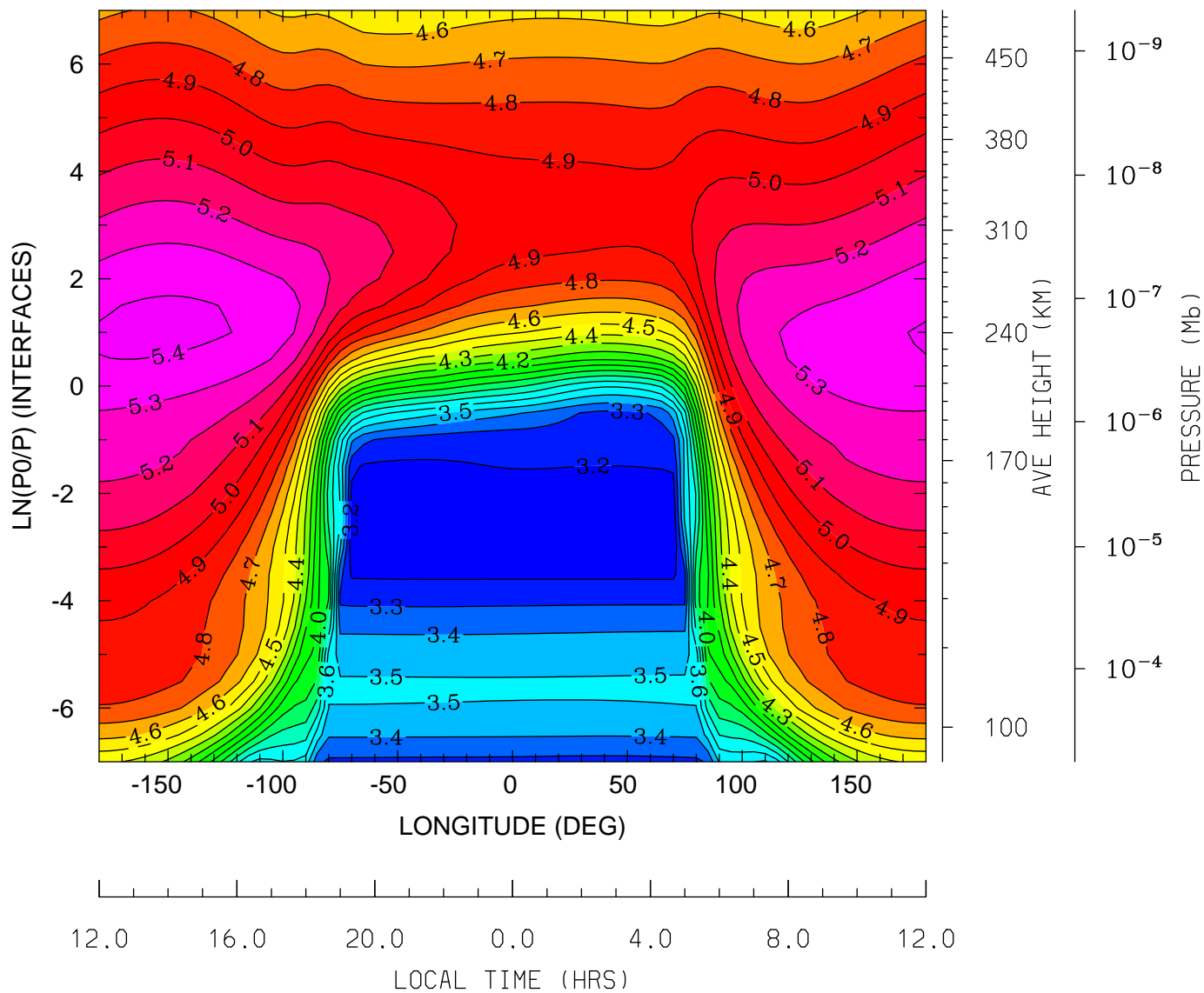
LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

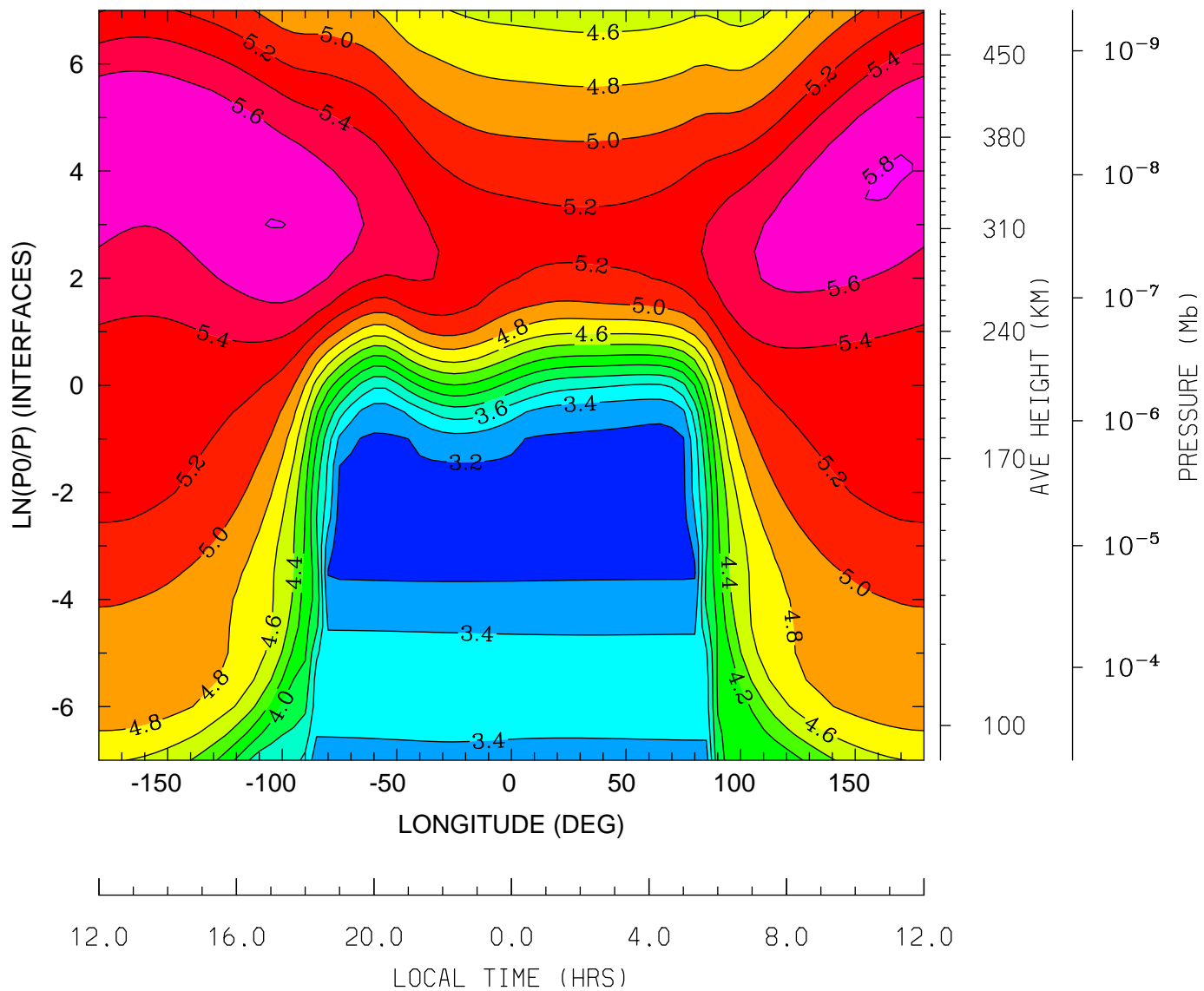
MIN,MAX= 3.0872E+00 5.3807E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= -42.50 (DEG)



MIN,MAX= 3.1208E+00 5.4255E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

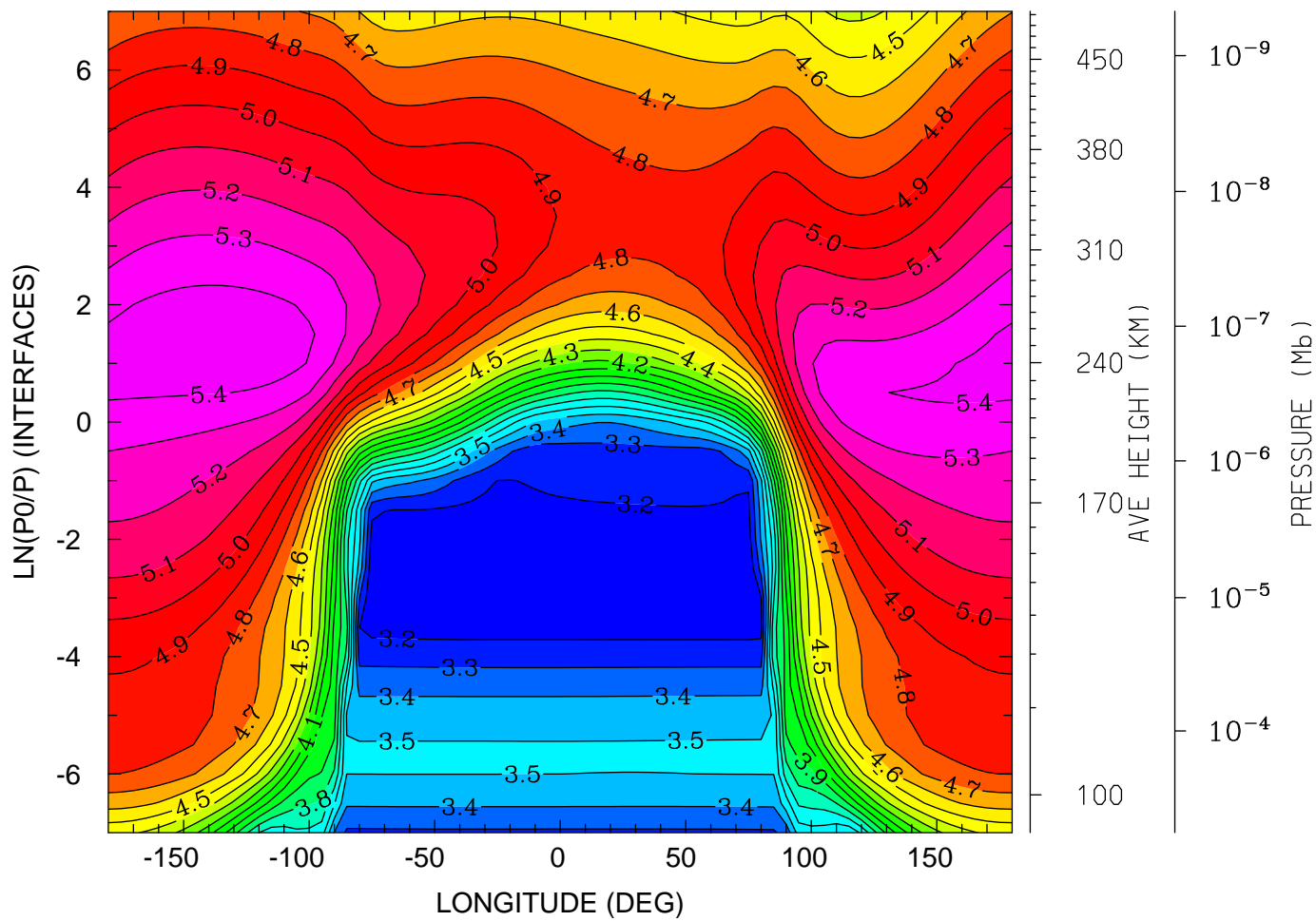
LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= -2.50 (DEG)



MIN,MAX= 3.1119E+00 5.8090E+00 INTERVAL= 2.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeq\_smin\_sech\_005.nc



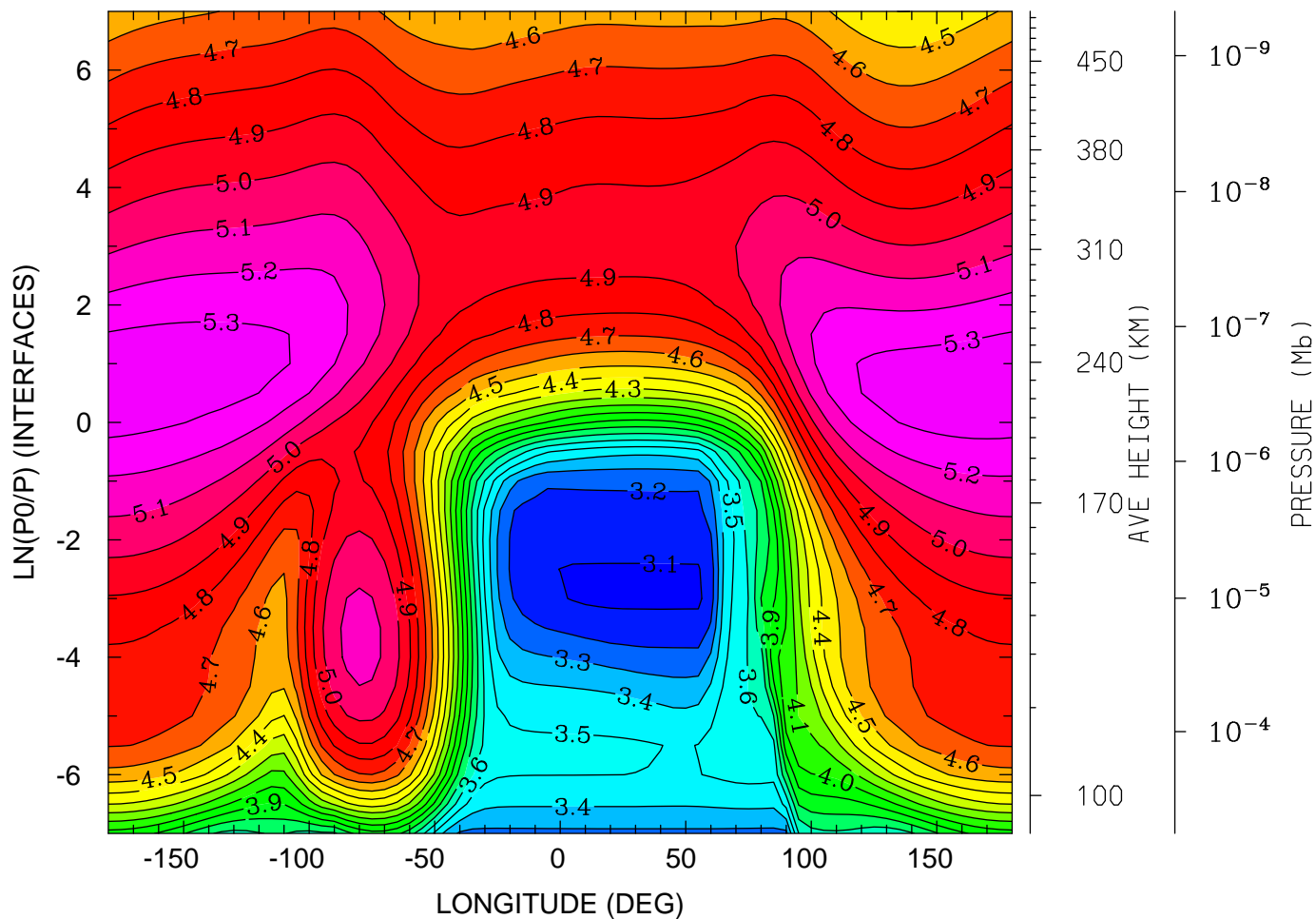
LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 37.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 3.1038E+00 5.4622E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

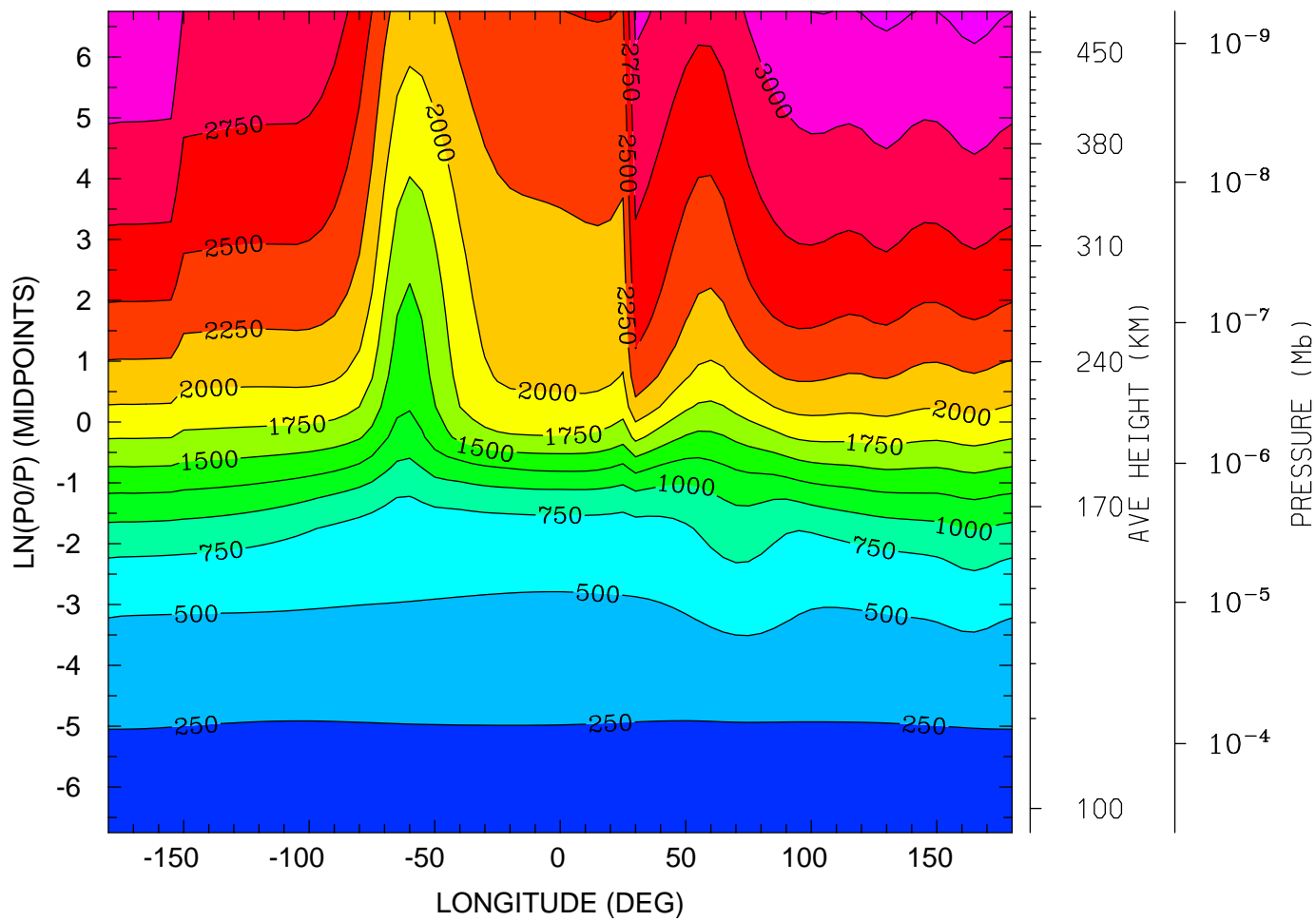
LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 57.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 3.0806E+00 5.3755E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

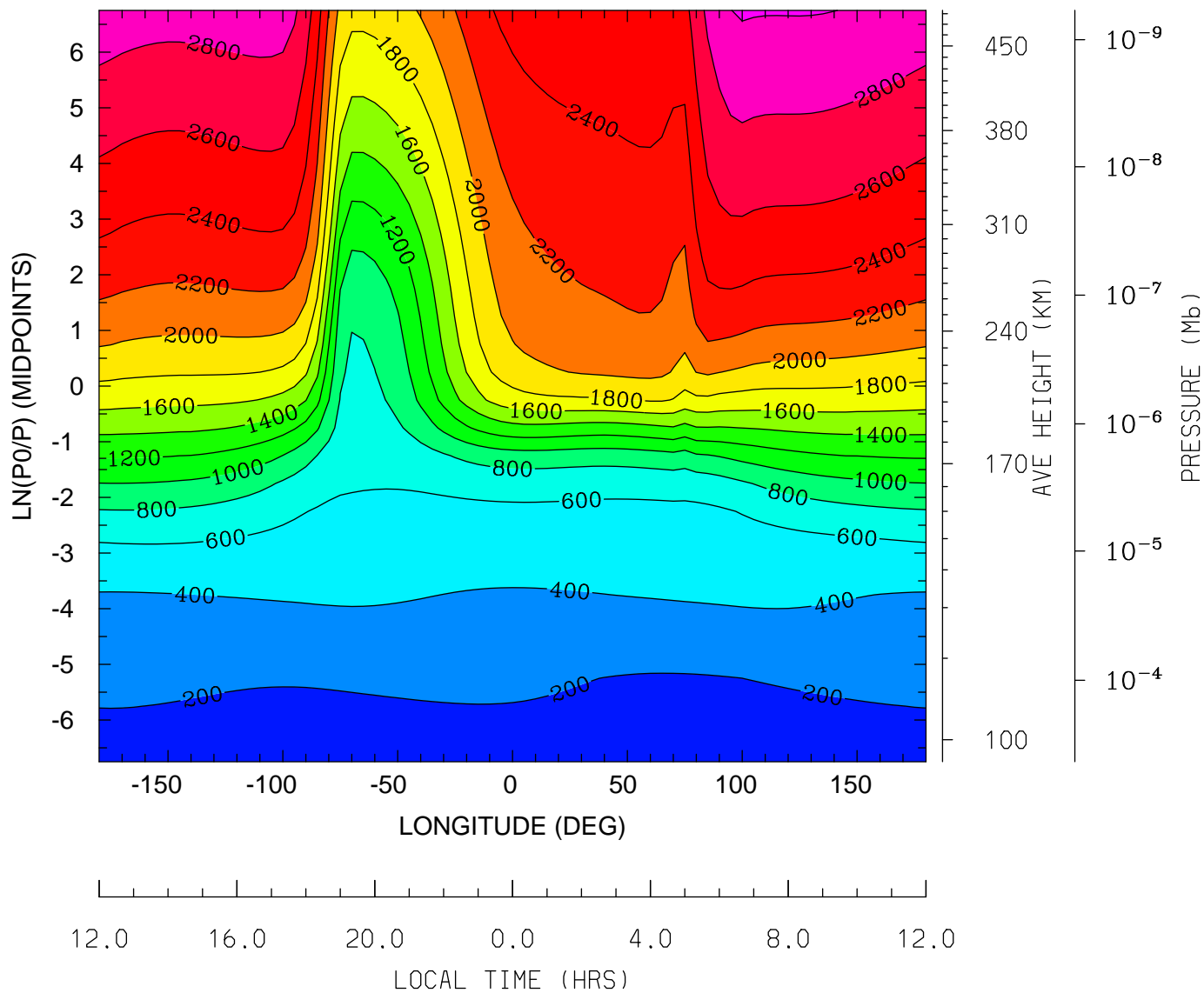
ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= -62.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

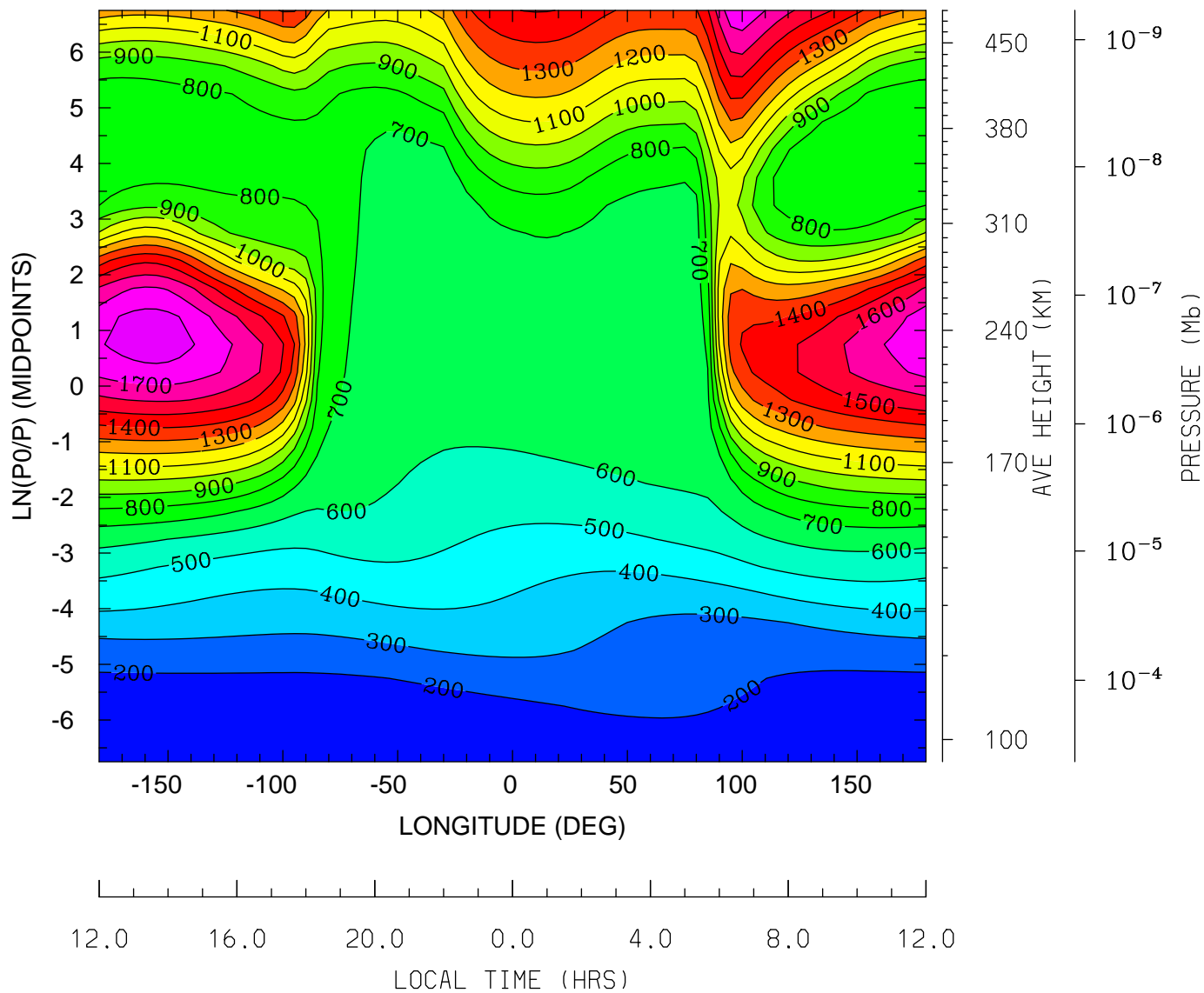
MIN,MAX= 1.6177E+02 3.3234E+03 INTERVAL= 2.5000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= -42.50 (DEG)



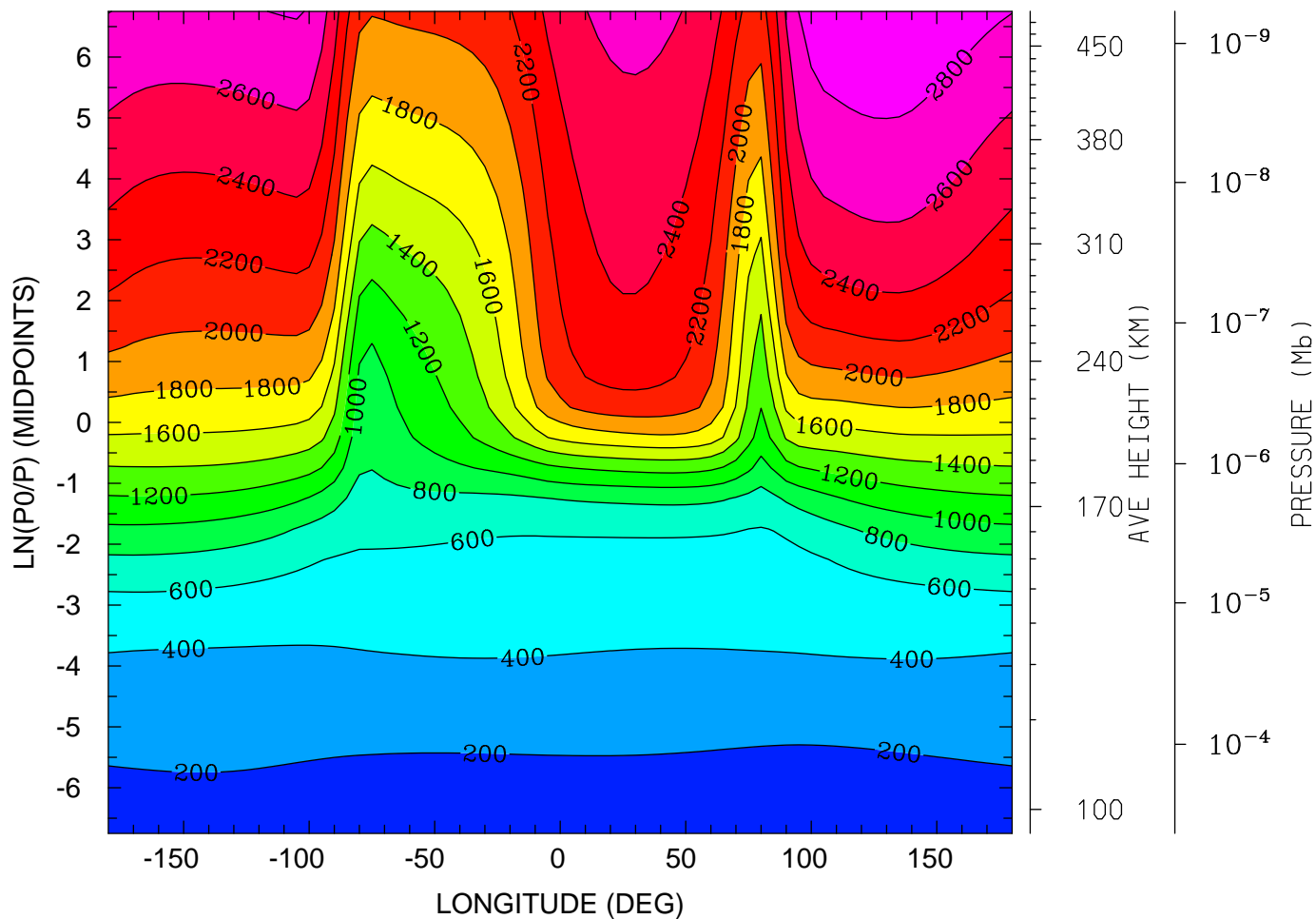
MIN,MAX= 1.5457E+02 3.0217E+03 INTERVAL= 2.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= -2.50 (DEG)



MIN,MAX= 1.4828E+02 1.8532E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

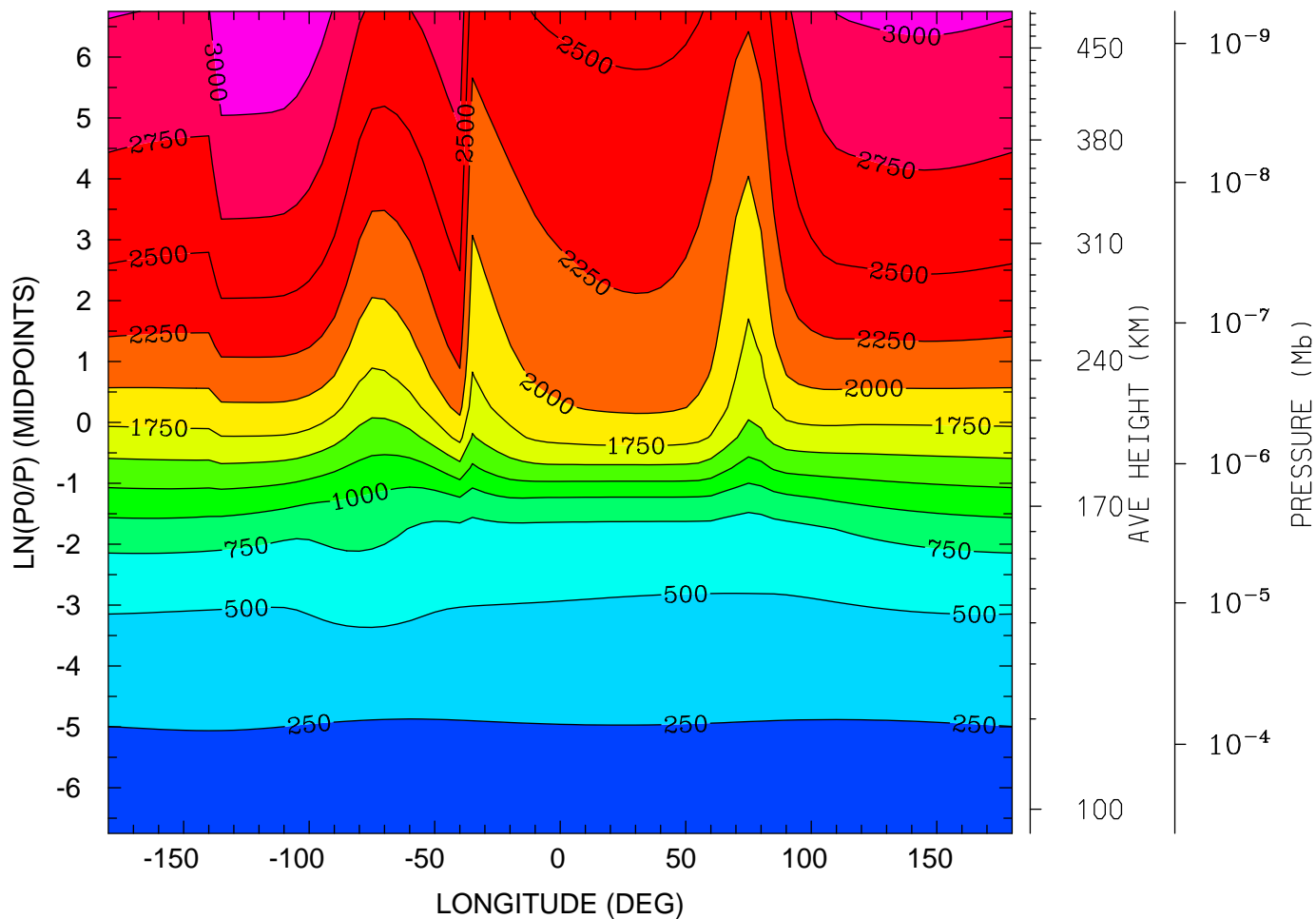
ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.5624E+02 2.9869E+03 INTERVAL= 2.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

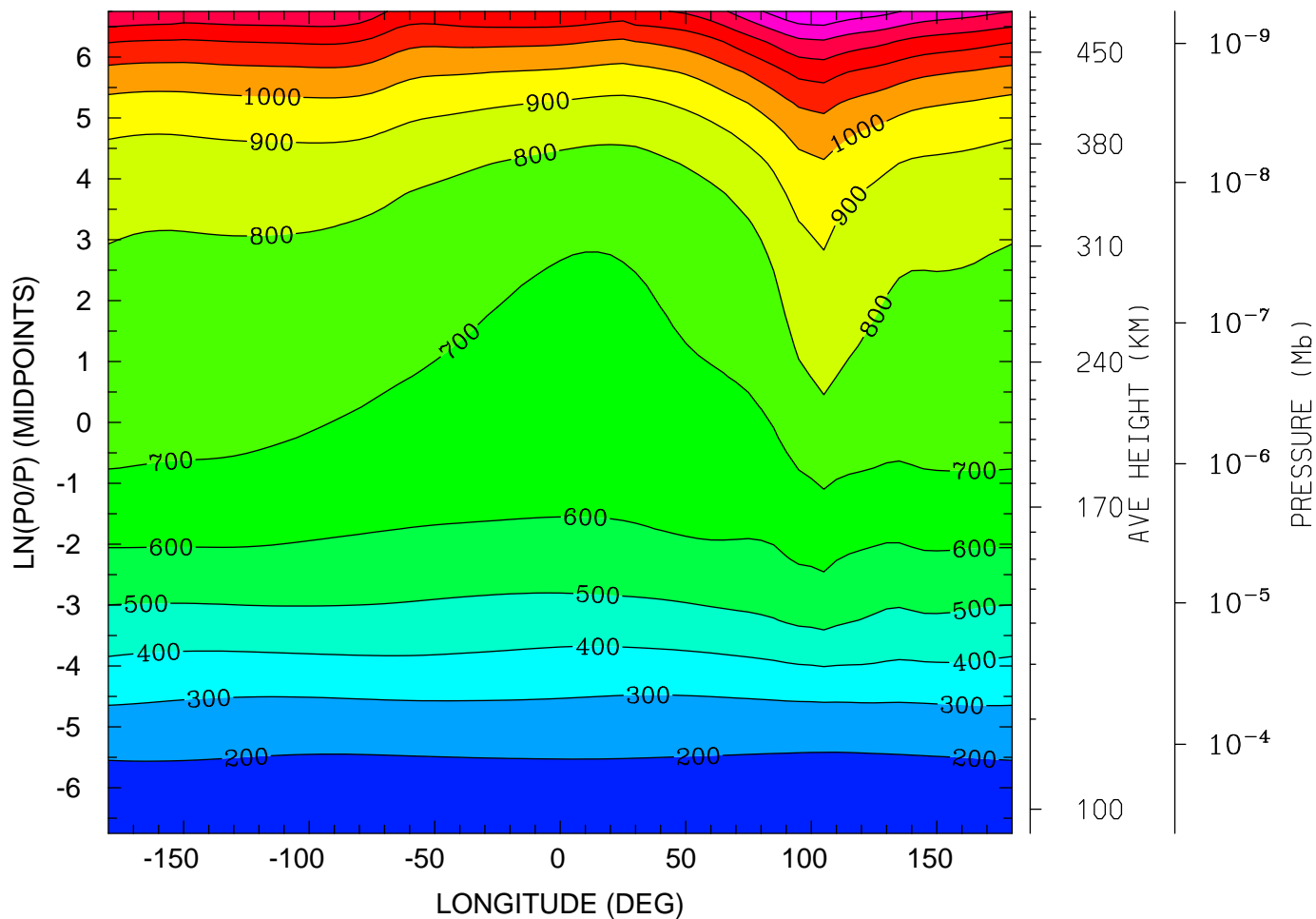
ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= 57.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.6030E+02 3.2279E+03 INTERVAL= 2.5000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

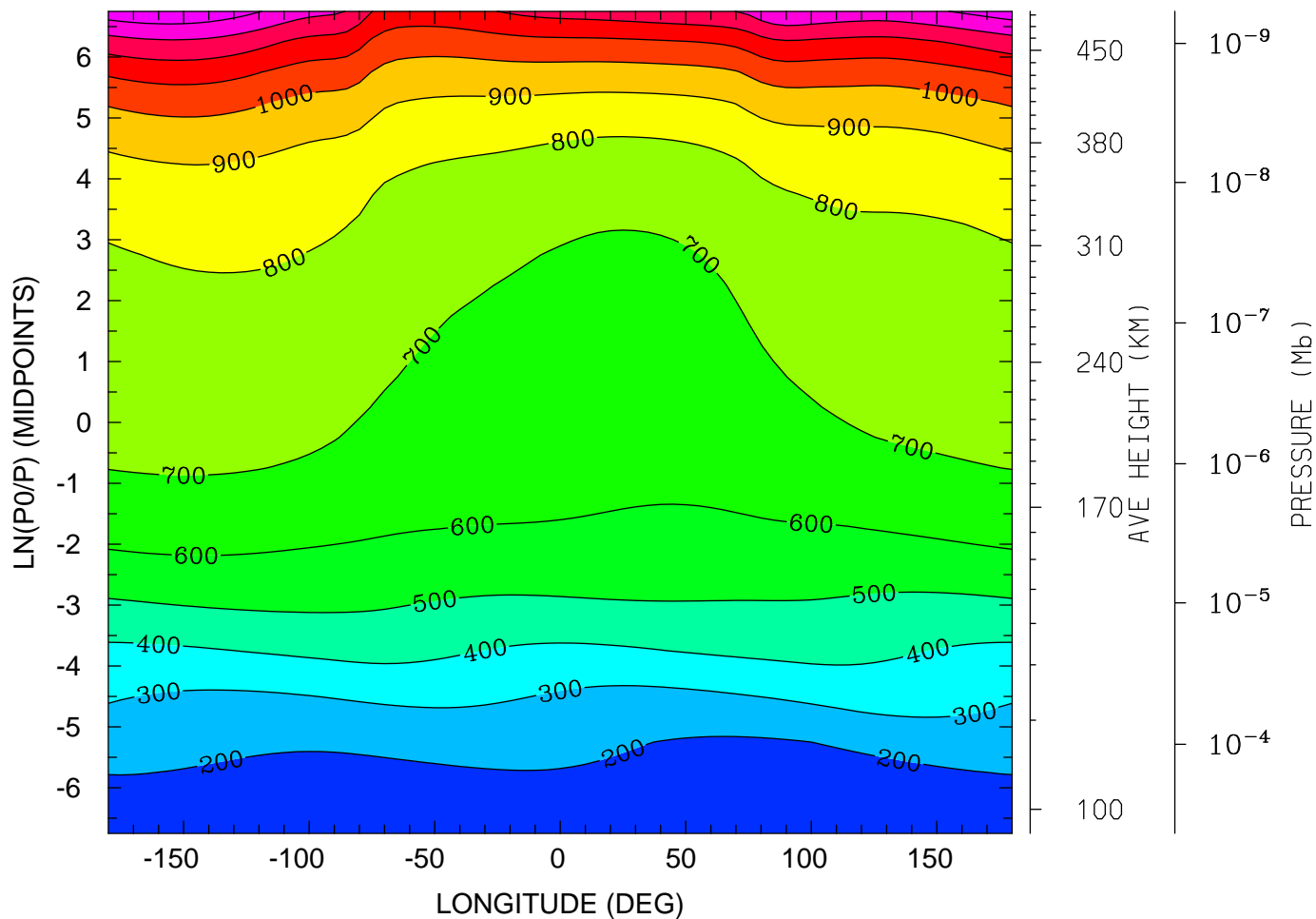
ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= -62.50 (DEG)



MIN,MAX= 1.6185E+02 1.5940E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc



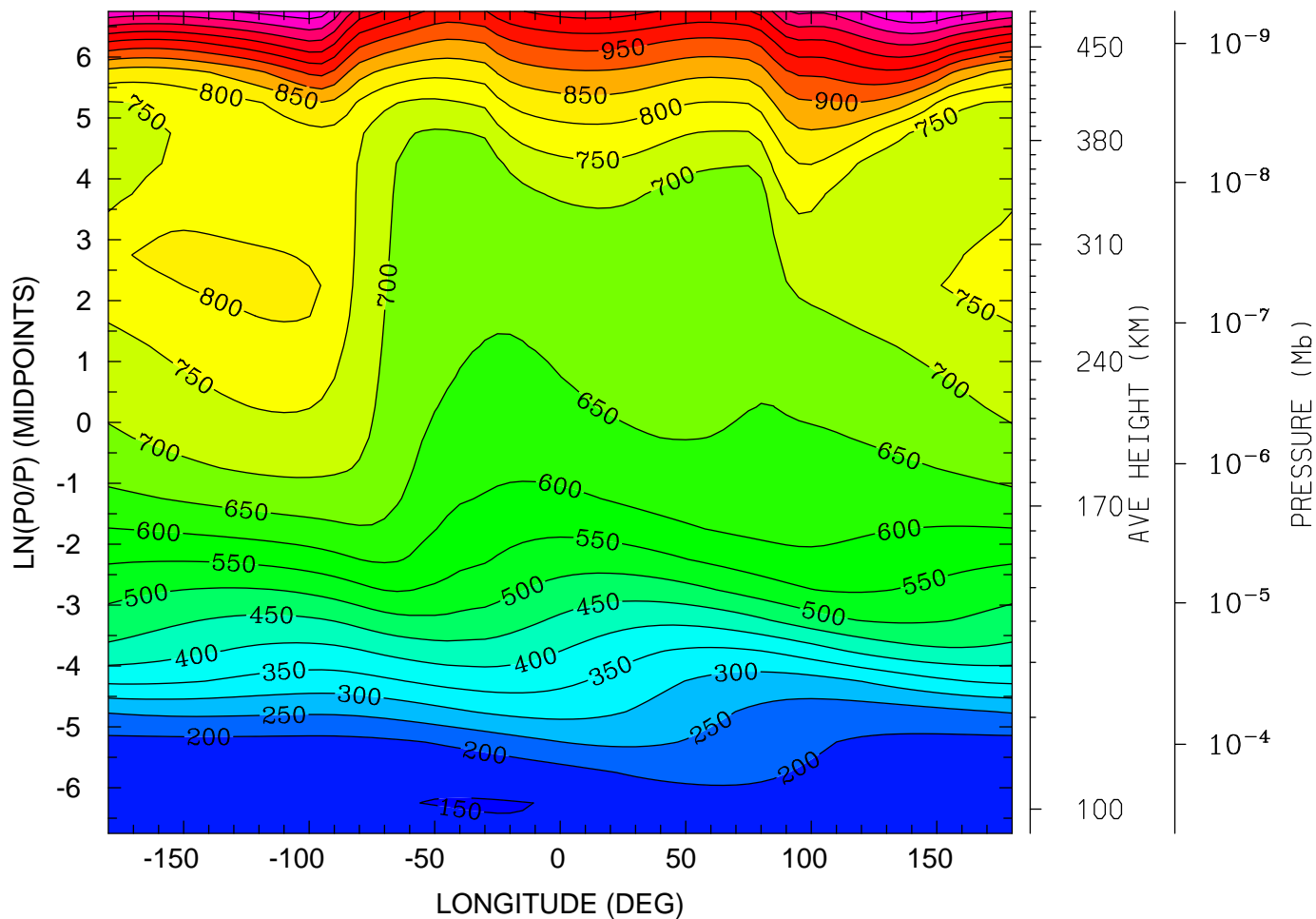
ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= -42.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.5458E+02 1.4796E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

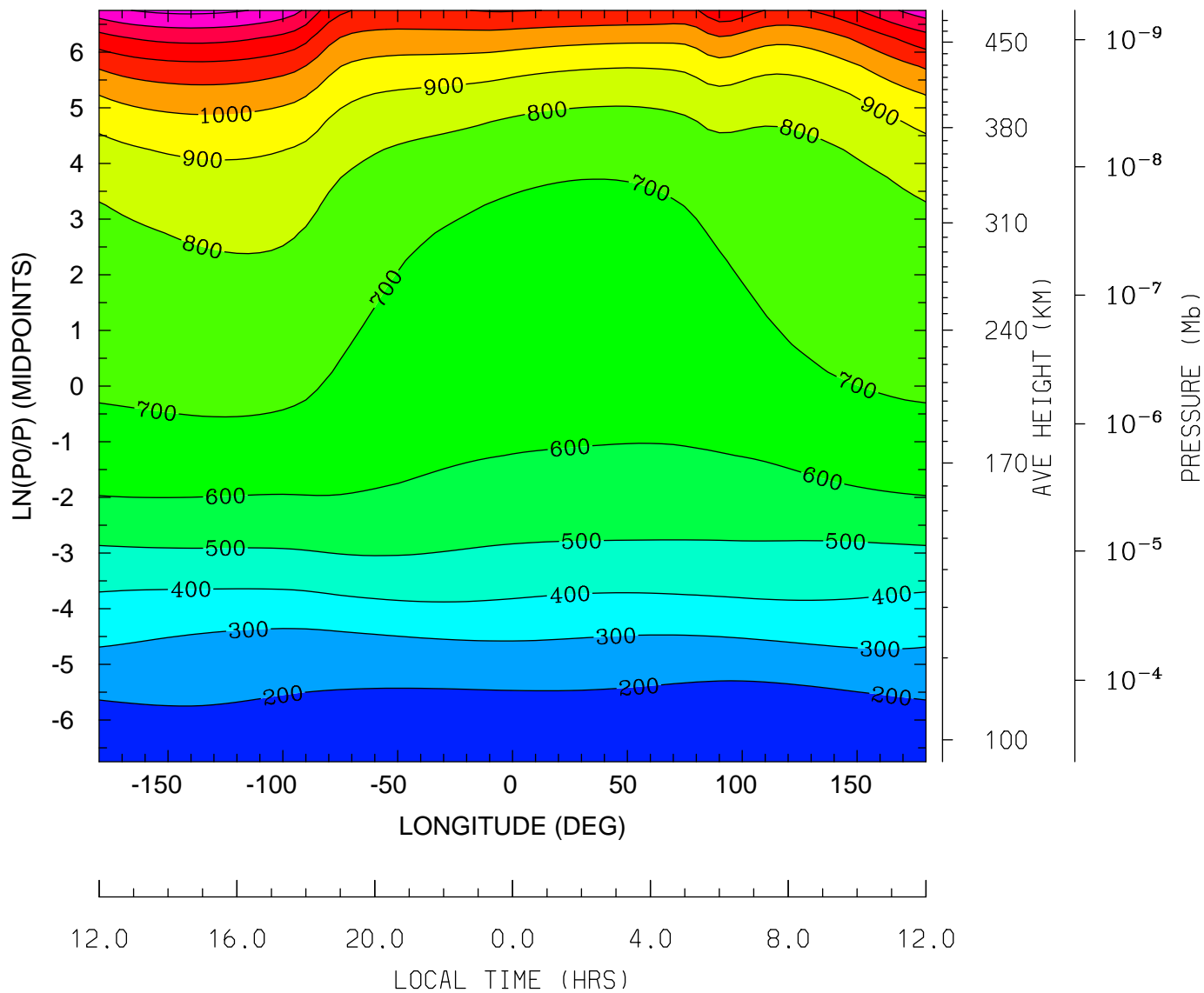
ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= -2.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

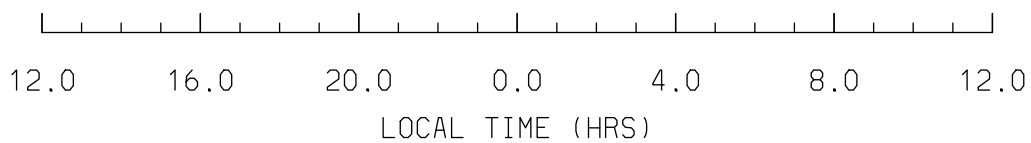
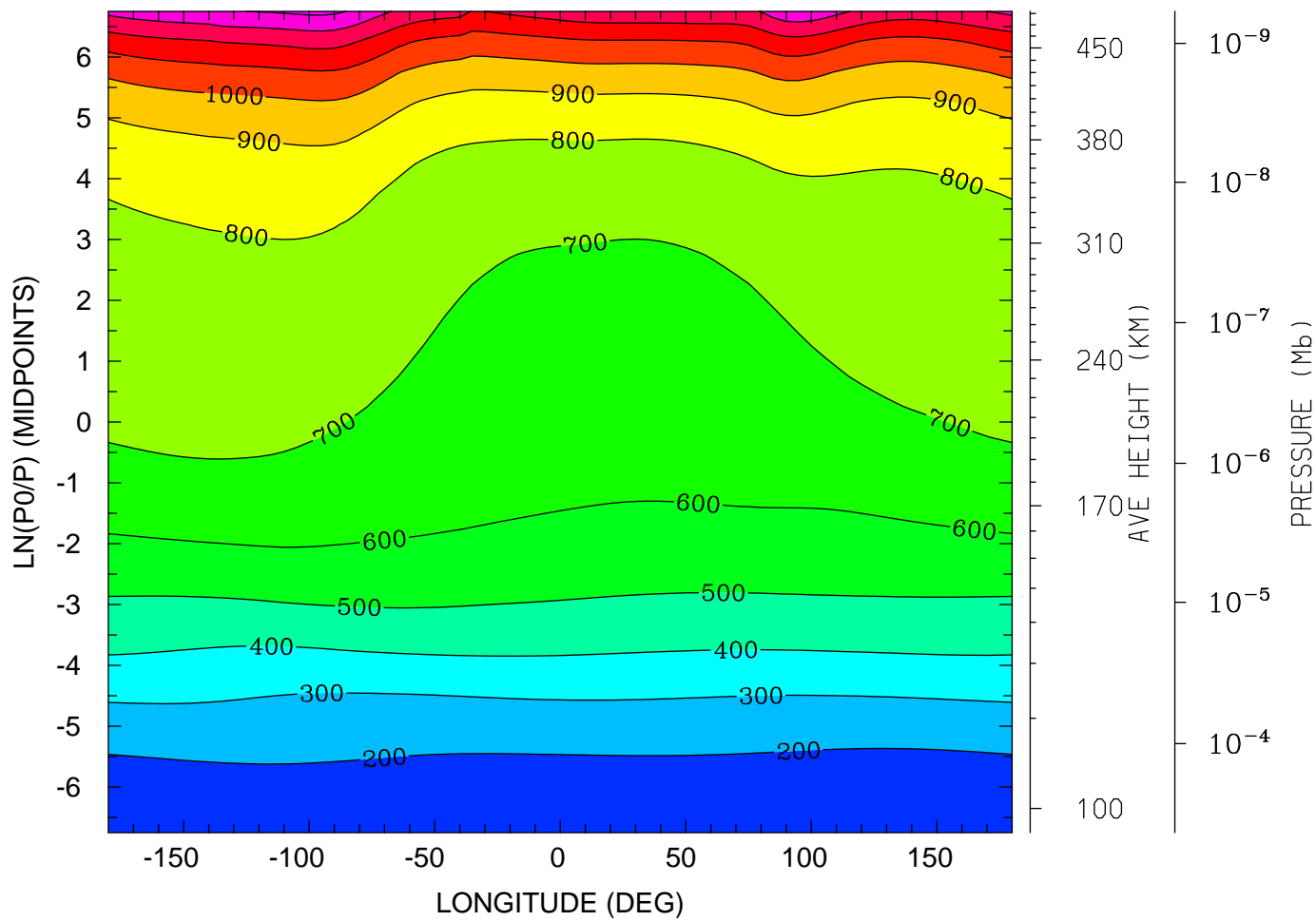
MIN,MAX= 1.4828E+02 1.2534E+03 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 (DEG)



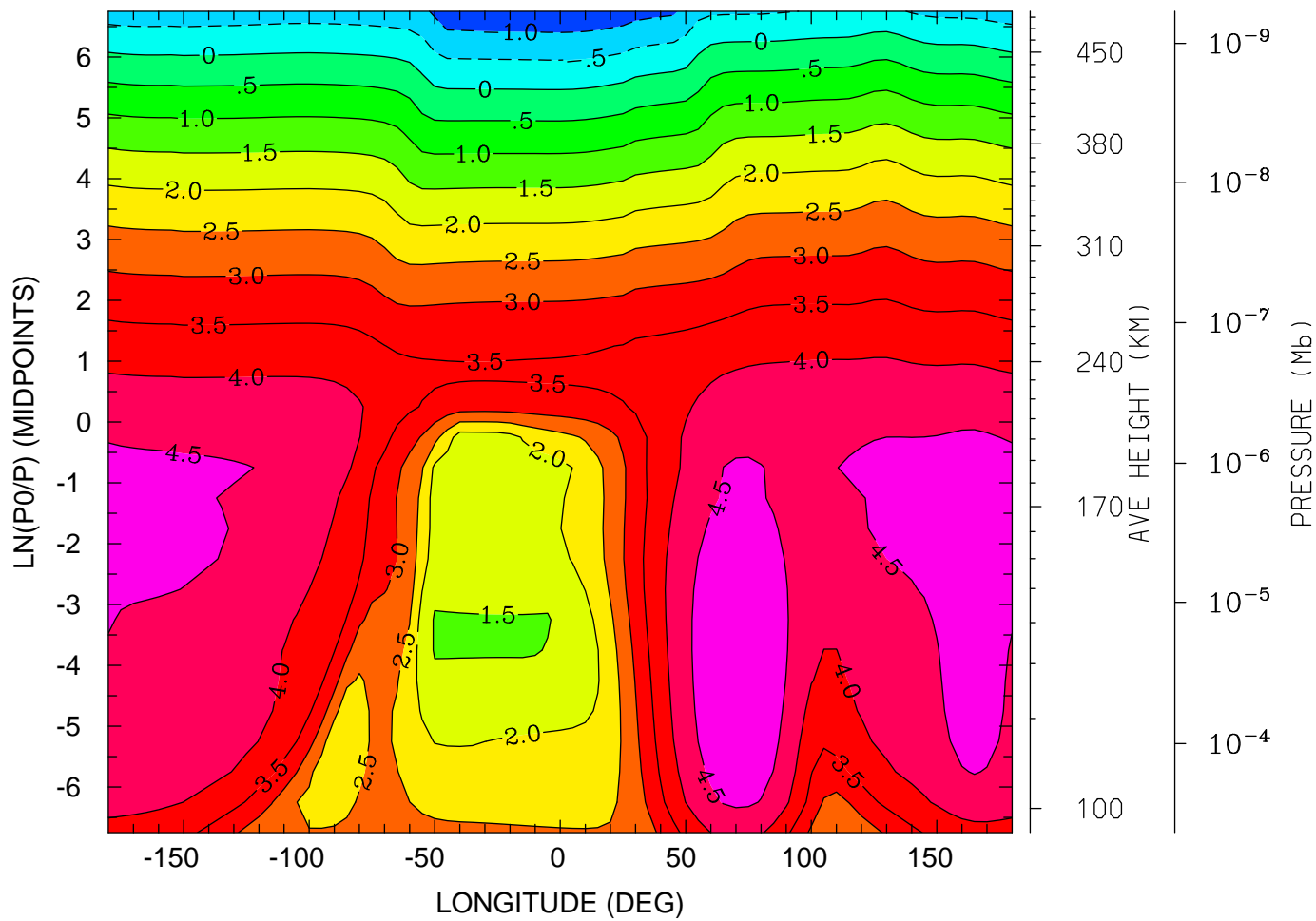
MIN,MAX= 1.5624E+02 1.5250E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= 57.50 (DEG)



MIN,MAX= 1.6030E+02 1.4240E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

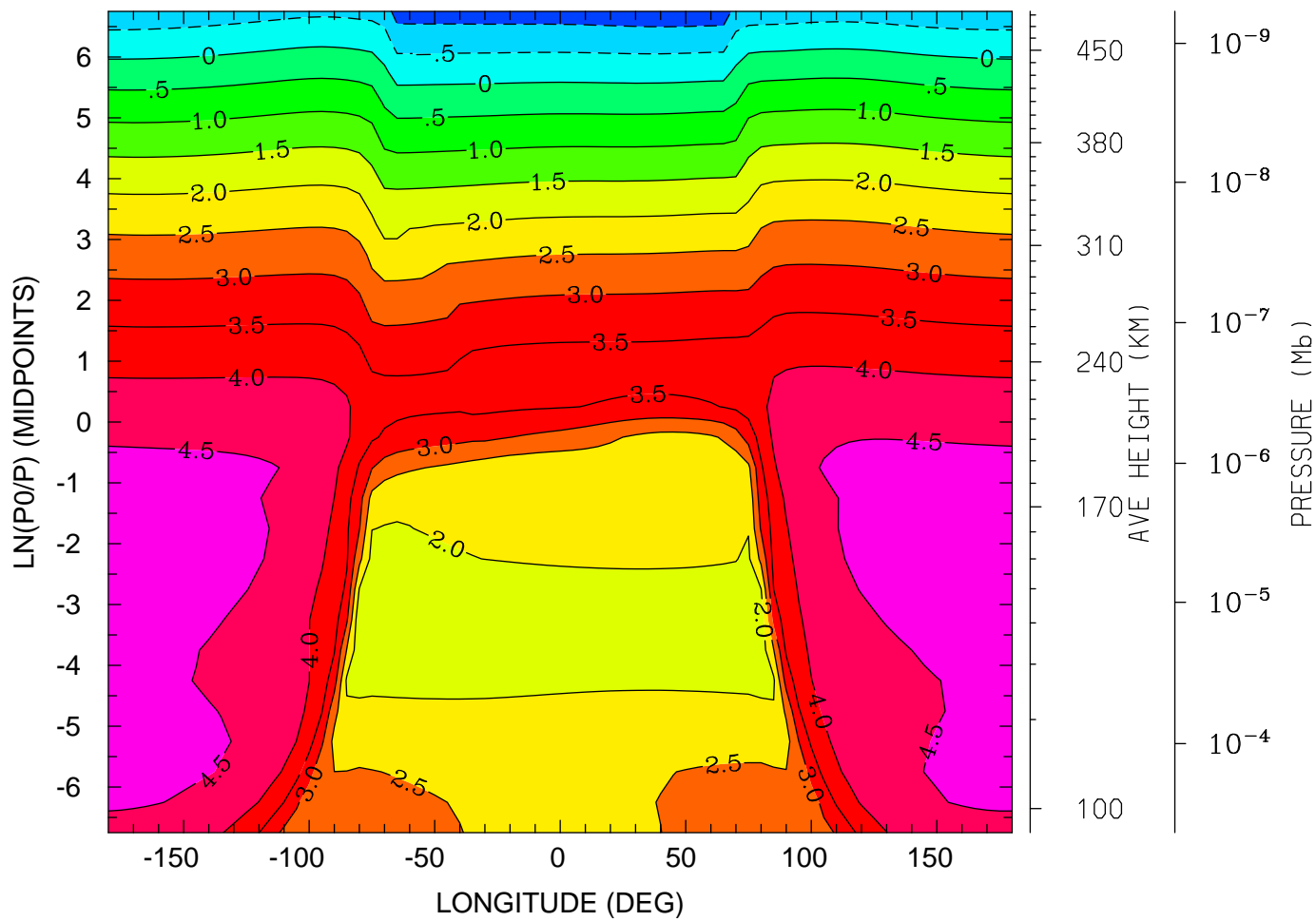
LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -1.4051E+00 4.9278E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

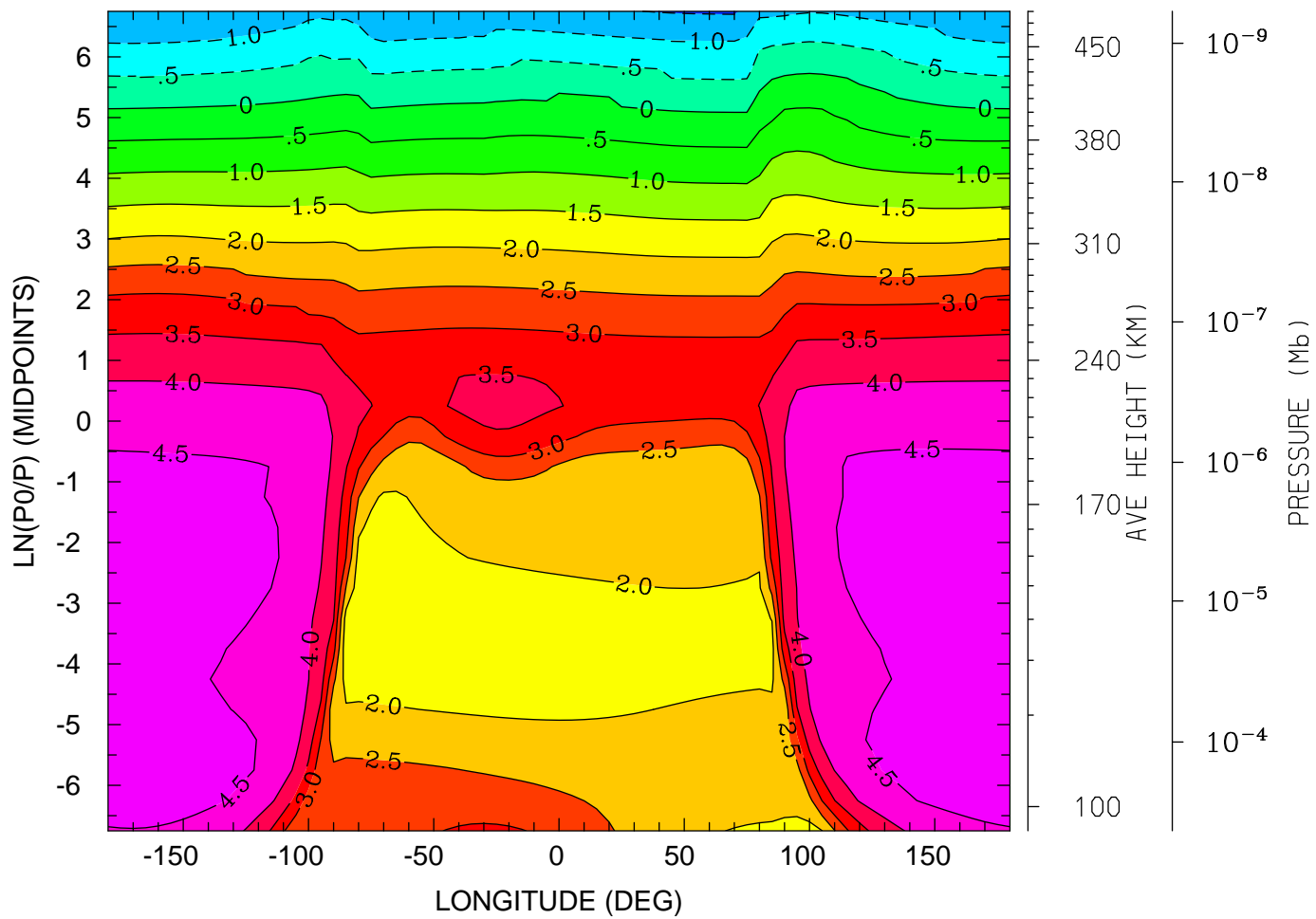
LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= -42.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -1.2966E+00 4.7127E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

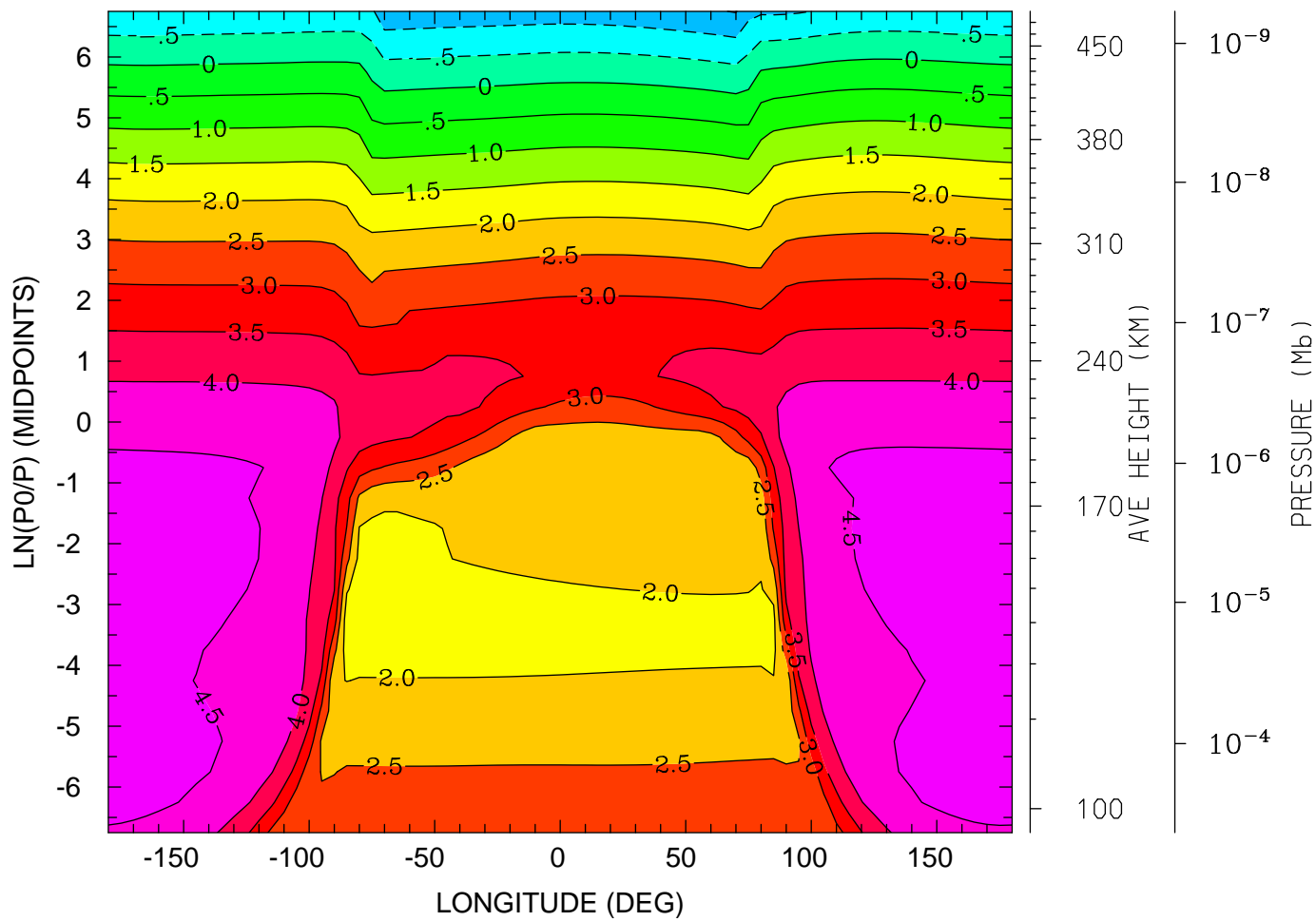
LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= -2.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -1.5553E+00 4.7675E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= 37.50 (DEG)

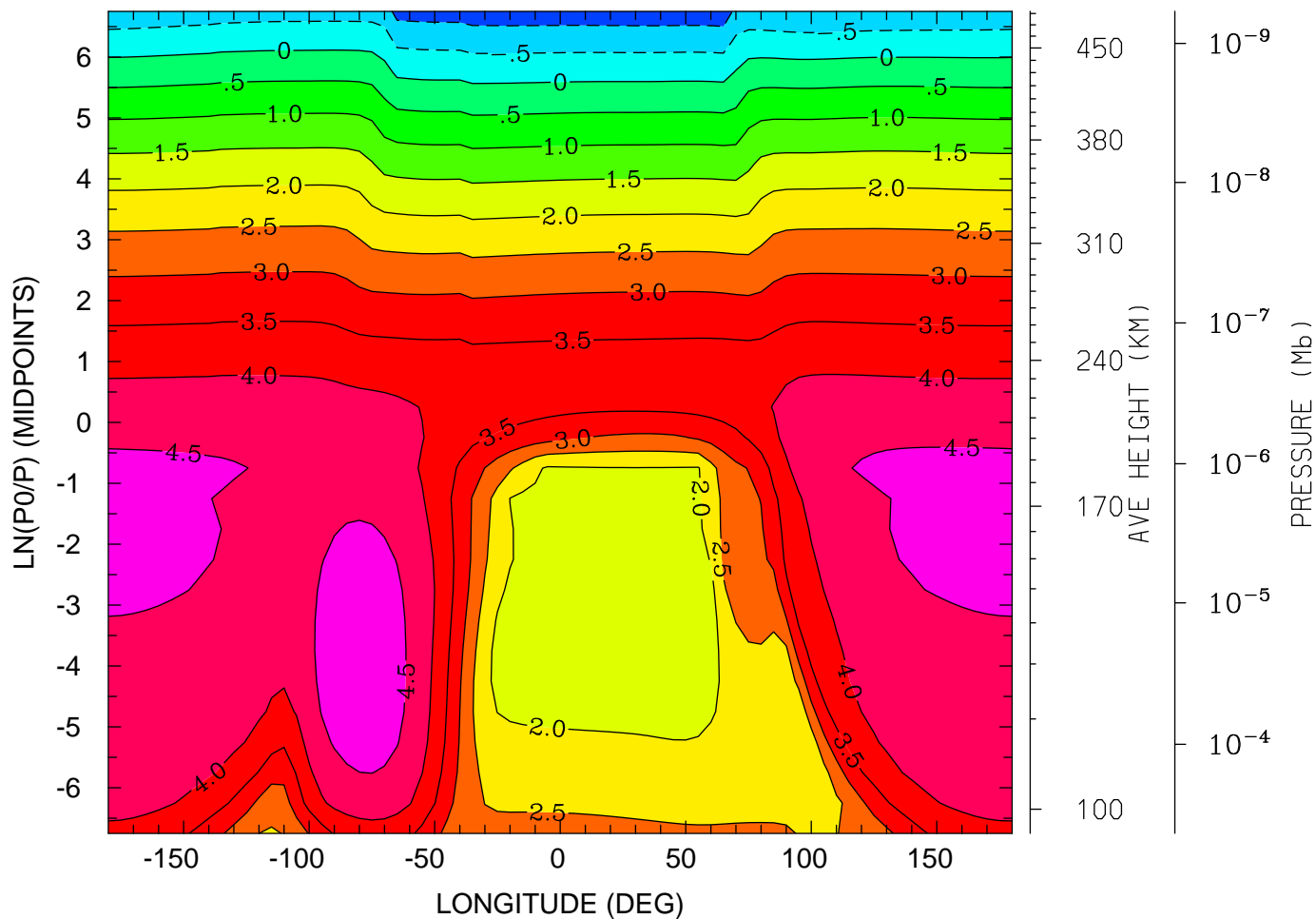


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -1.5270E+00 4.7061E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc



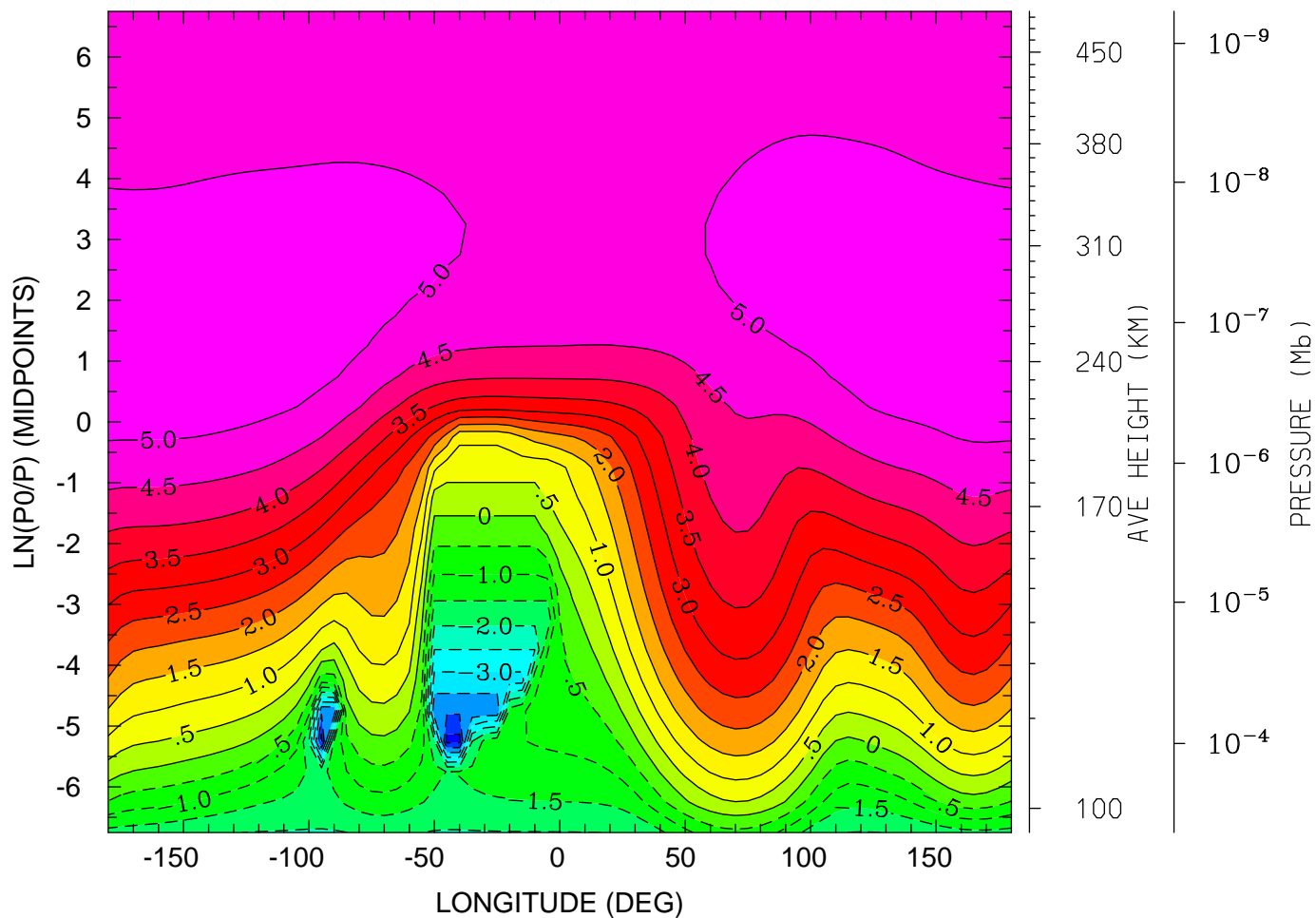
LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= 57.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -1.2915E+00 4.7740E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

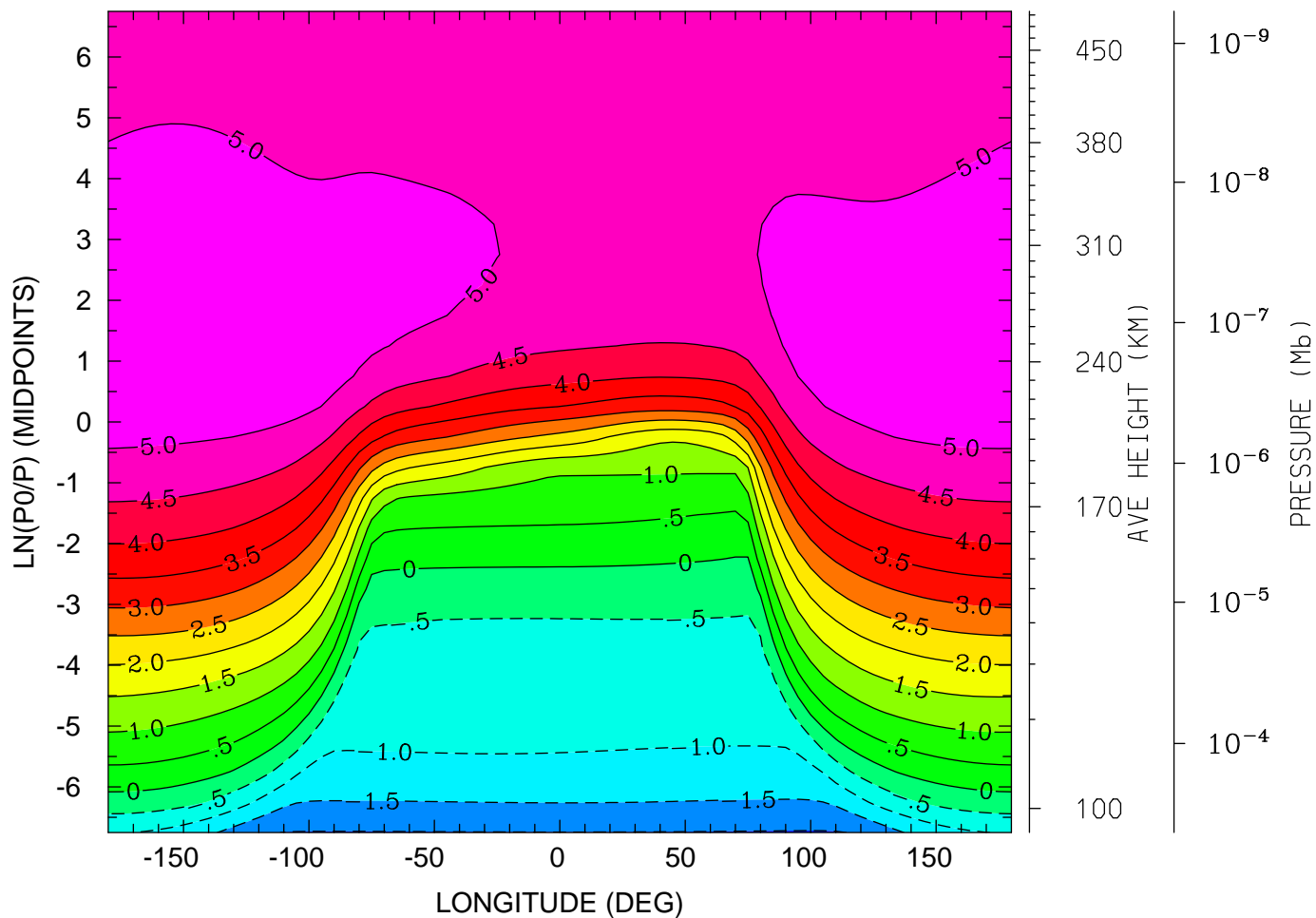
LOG10 O+ ION (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -4.6779E+00 5.3271E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

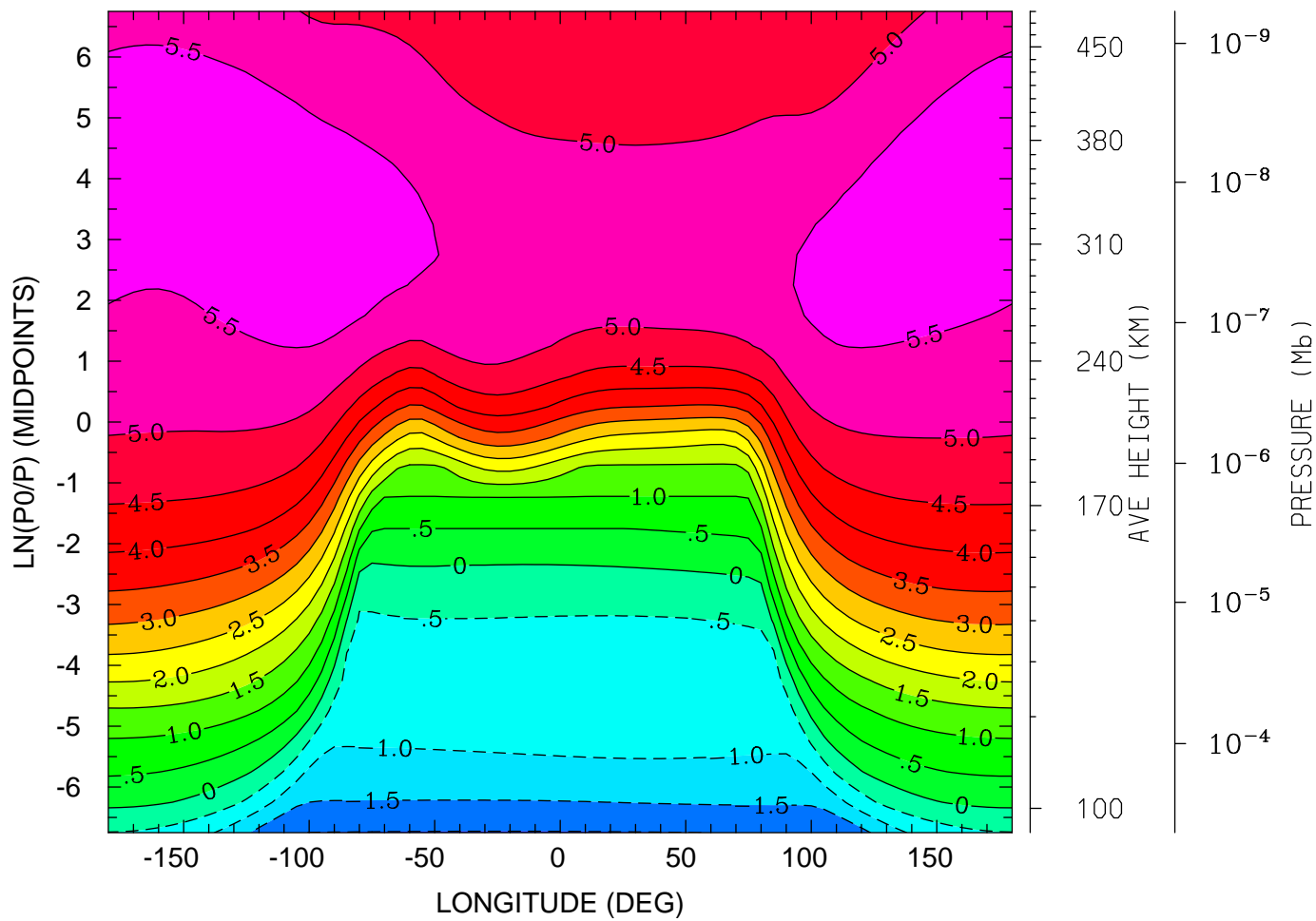
LOG10 O+ ION (CM3)  
UT= 0.00 LAT= -42.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -2.0312E+00 5.4016E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

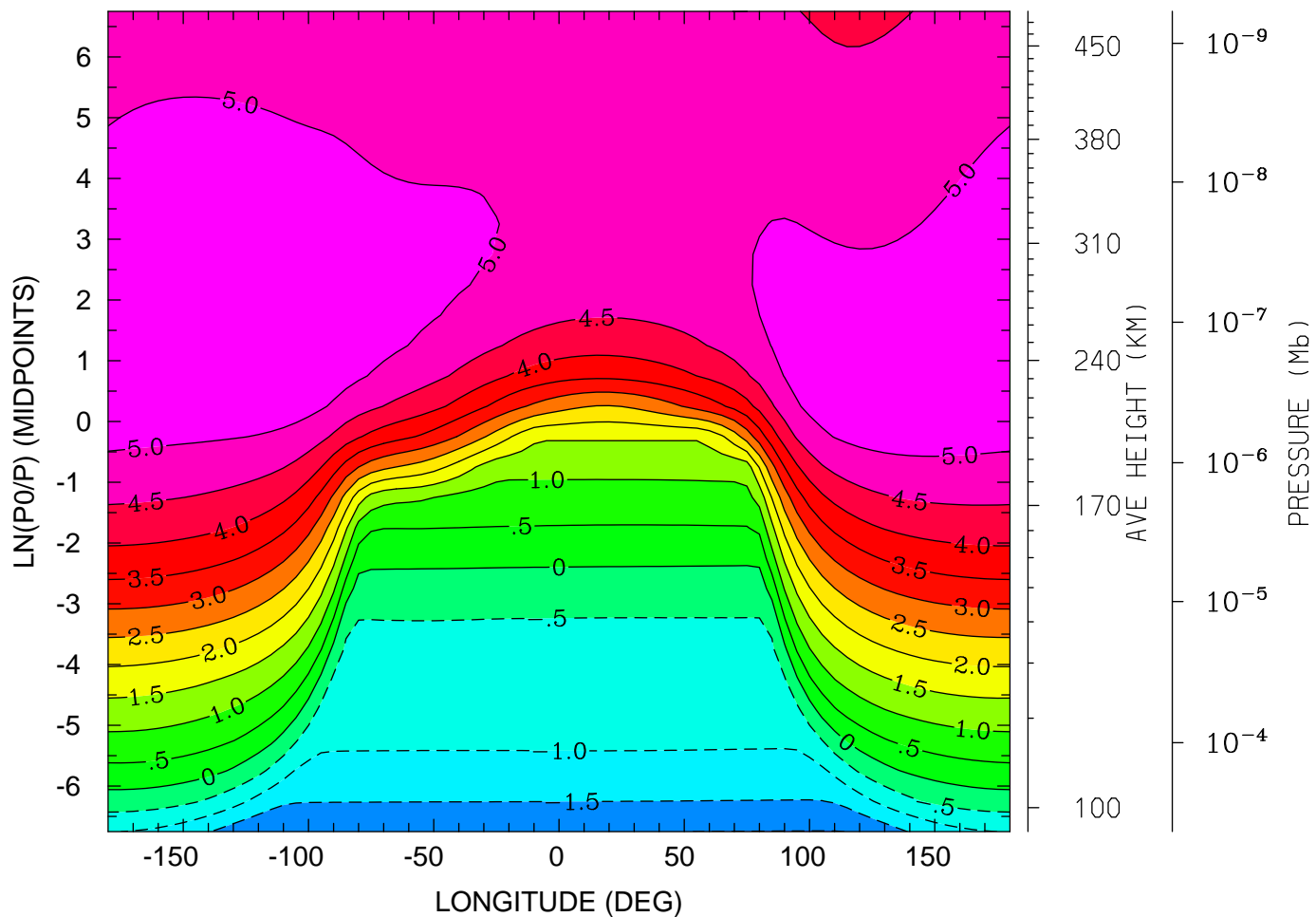
LOG10 O+ ION (CM3)  
UT= 0.00 LAT= -2.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -2.0222E+00 5.8086E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

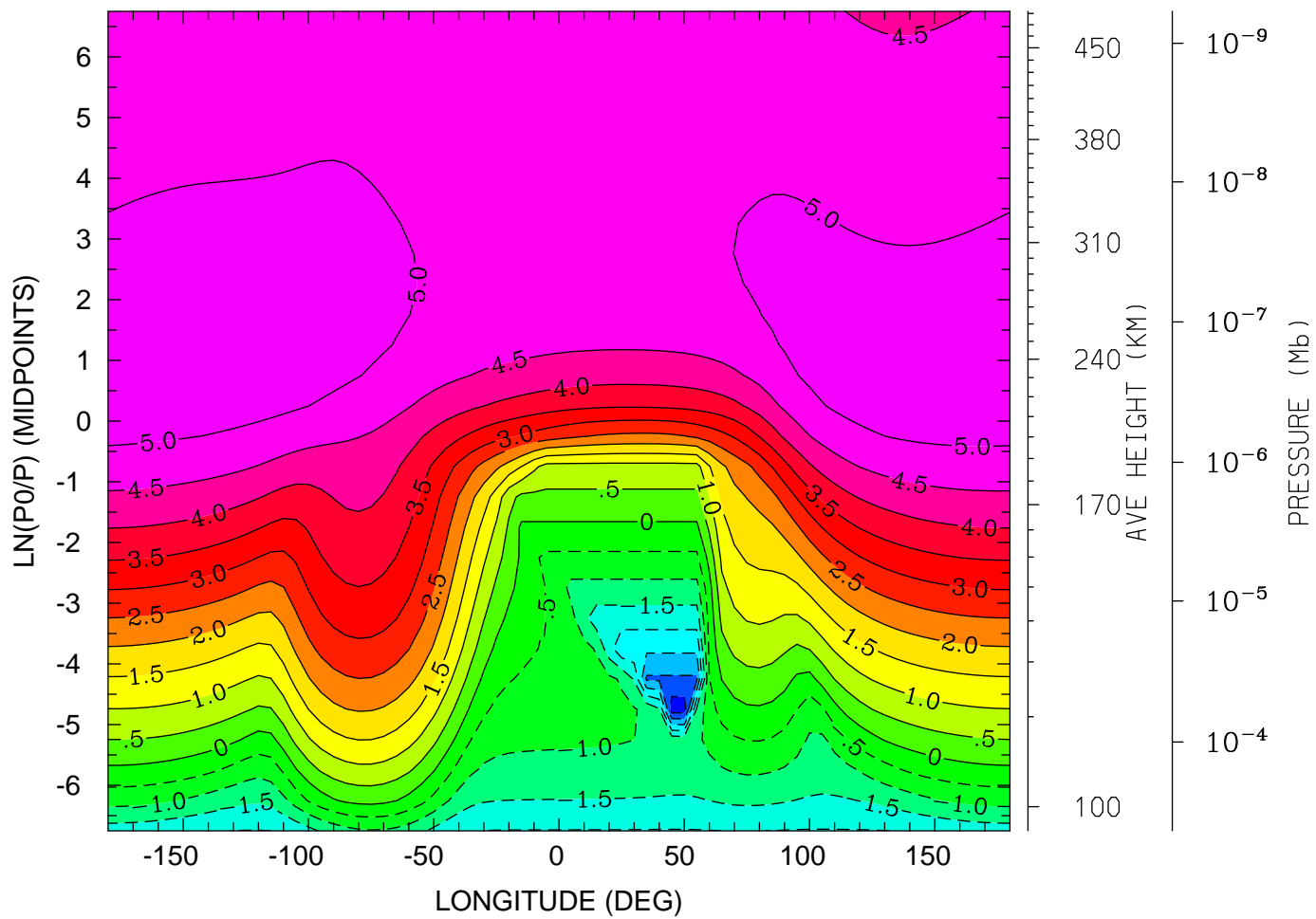
LOG10 O+ ION (CM3)  
UT= 0.00 LAT= 37.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -2.0116E+00 5.4480E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

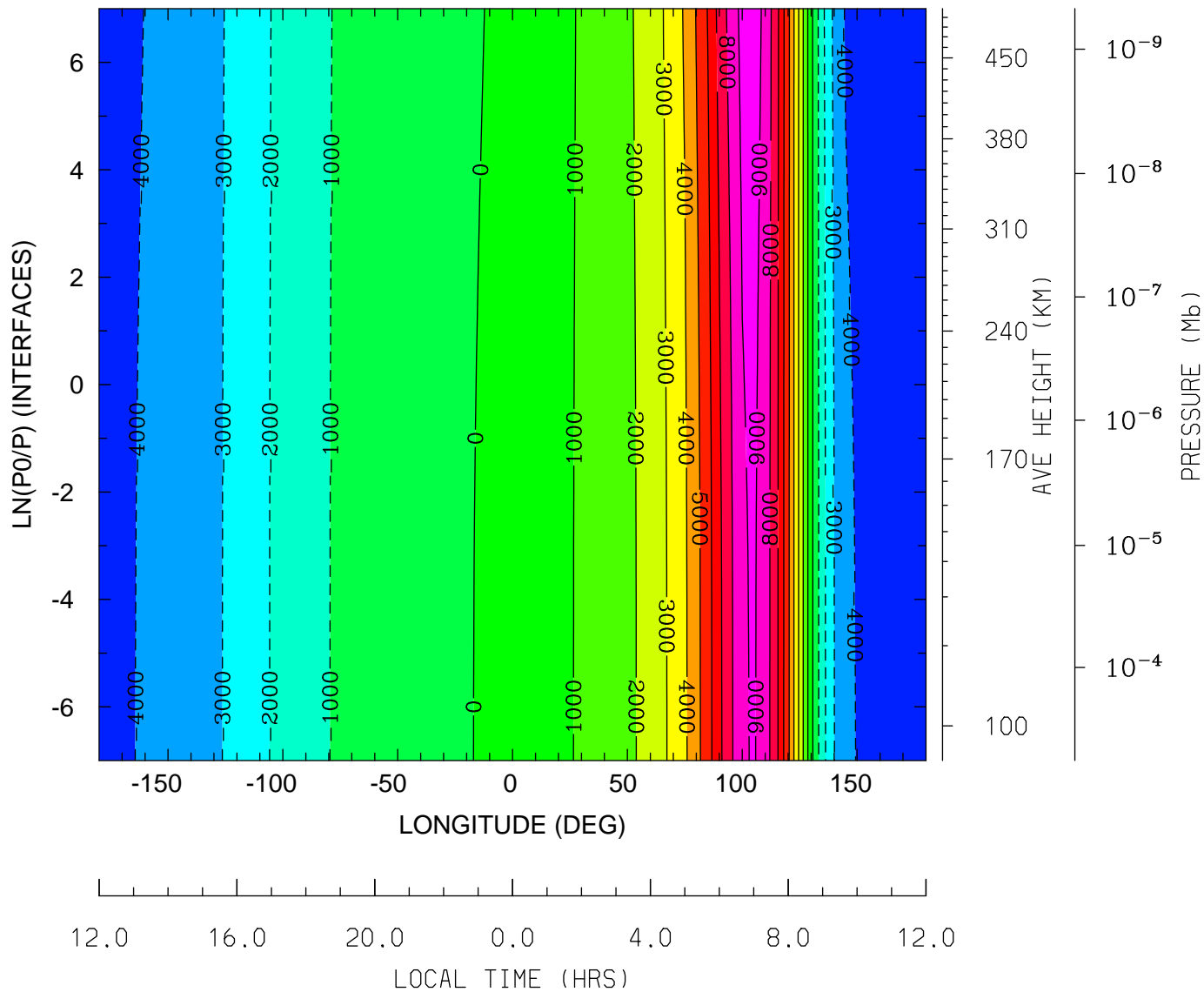
LOG10 O+ ION (CM3)  
UT= 0.00 LAT= 57.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

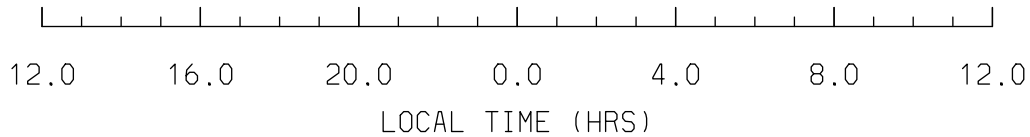
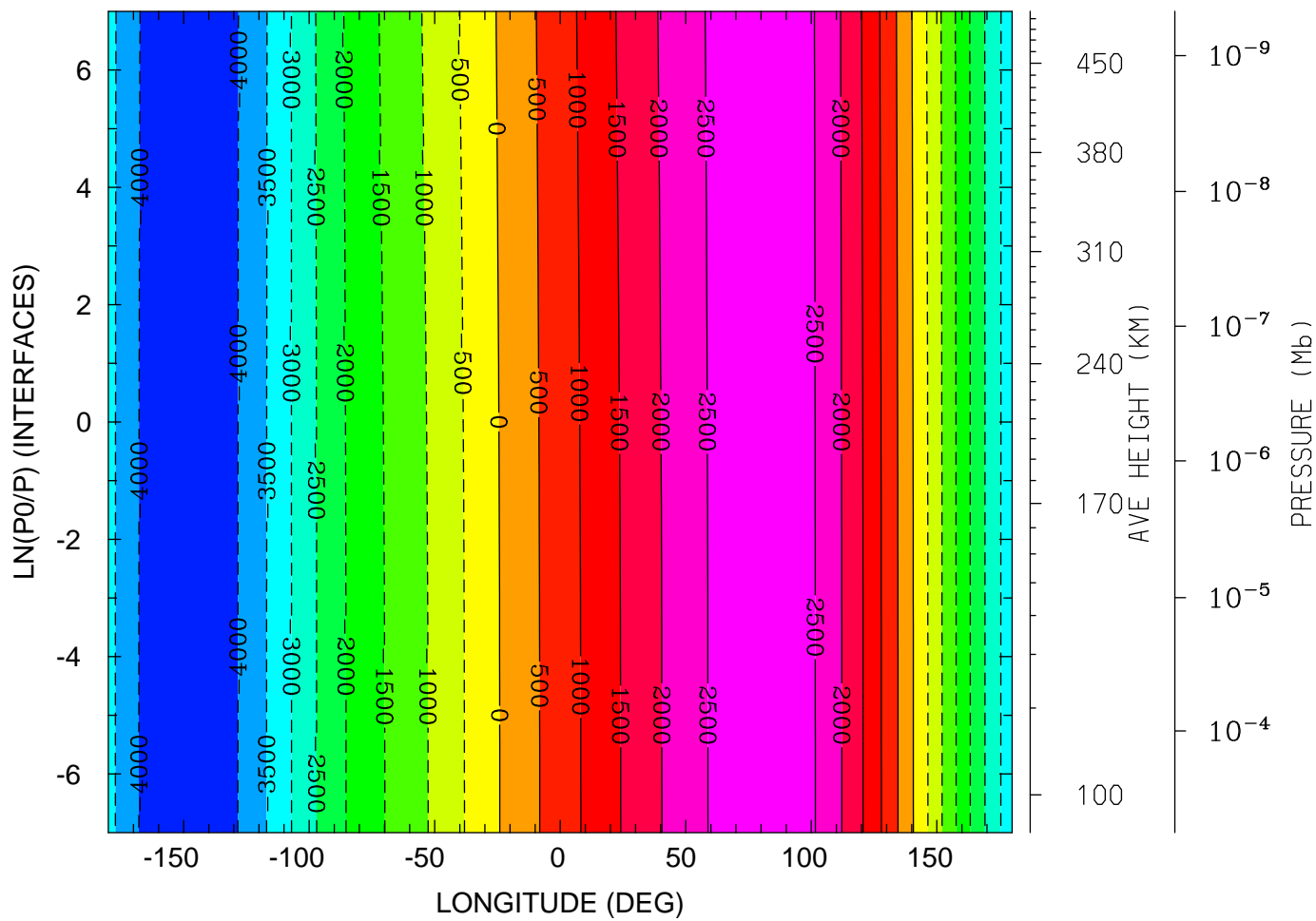
MIN,MAX= -3.8064E+00 5.3231E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -62.50 (DEG)



MIN,MAX= -4.5577E+03 9.4993E+03 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

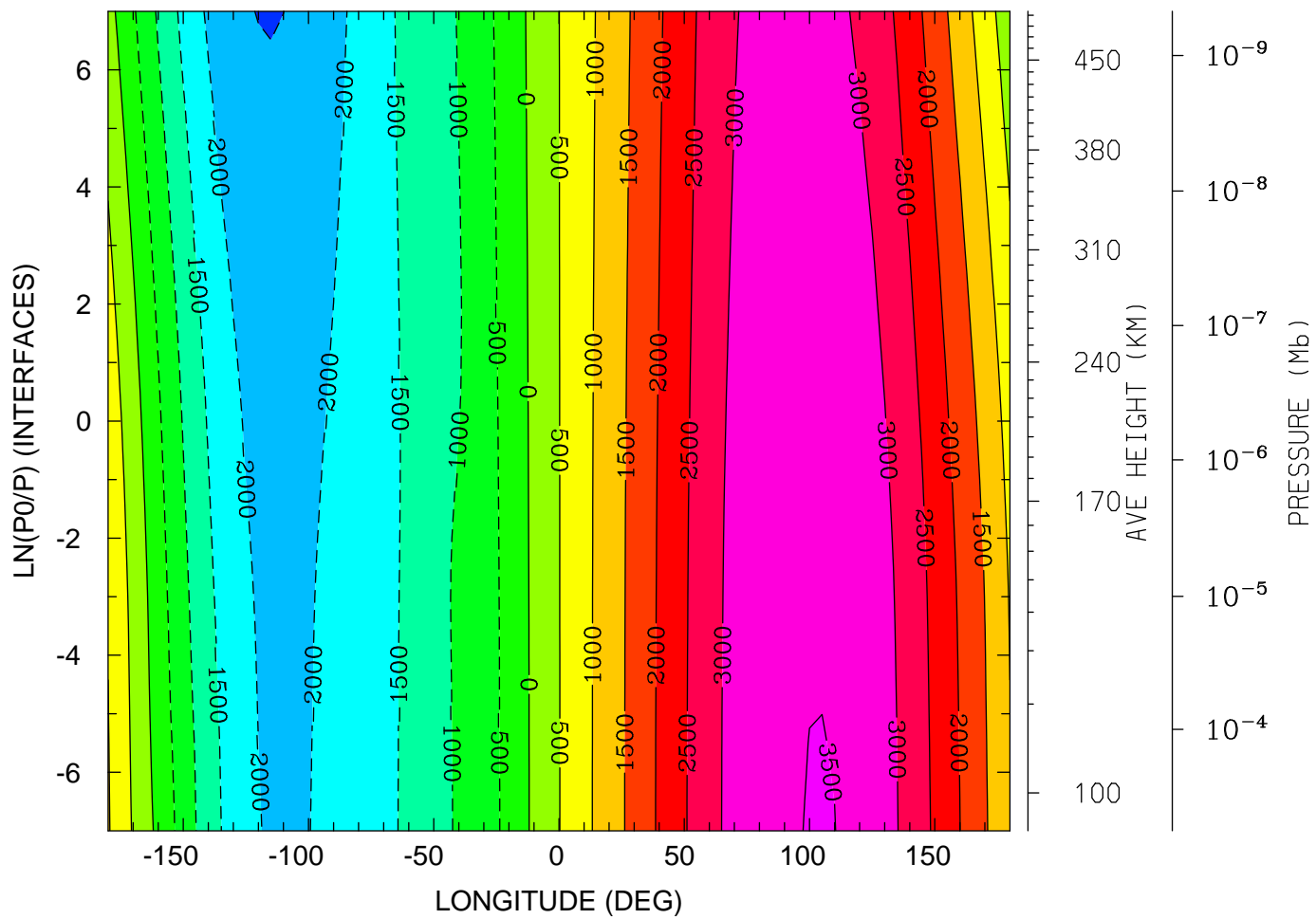
ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -42.50 (DEG)



MIN,MAX= -4.4182E+03 2.8337E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

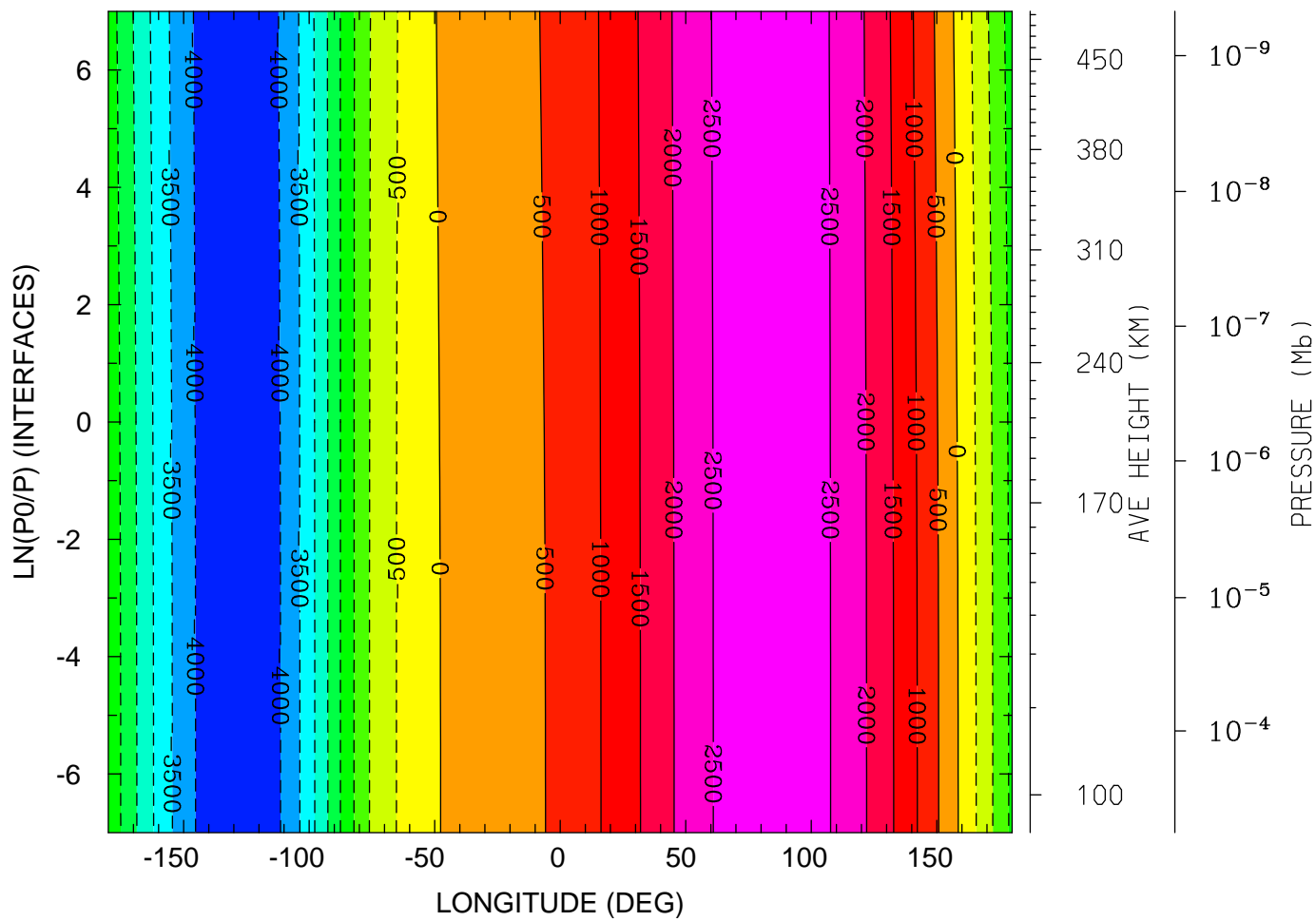


ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -2.50 (DEG)



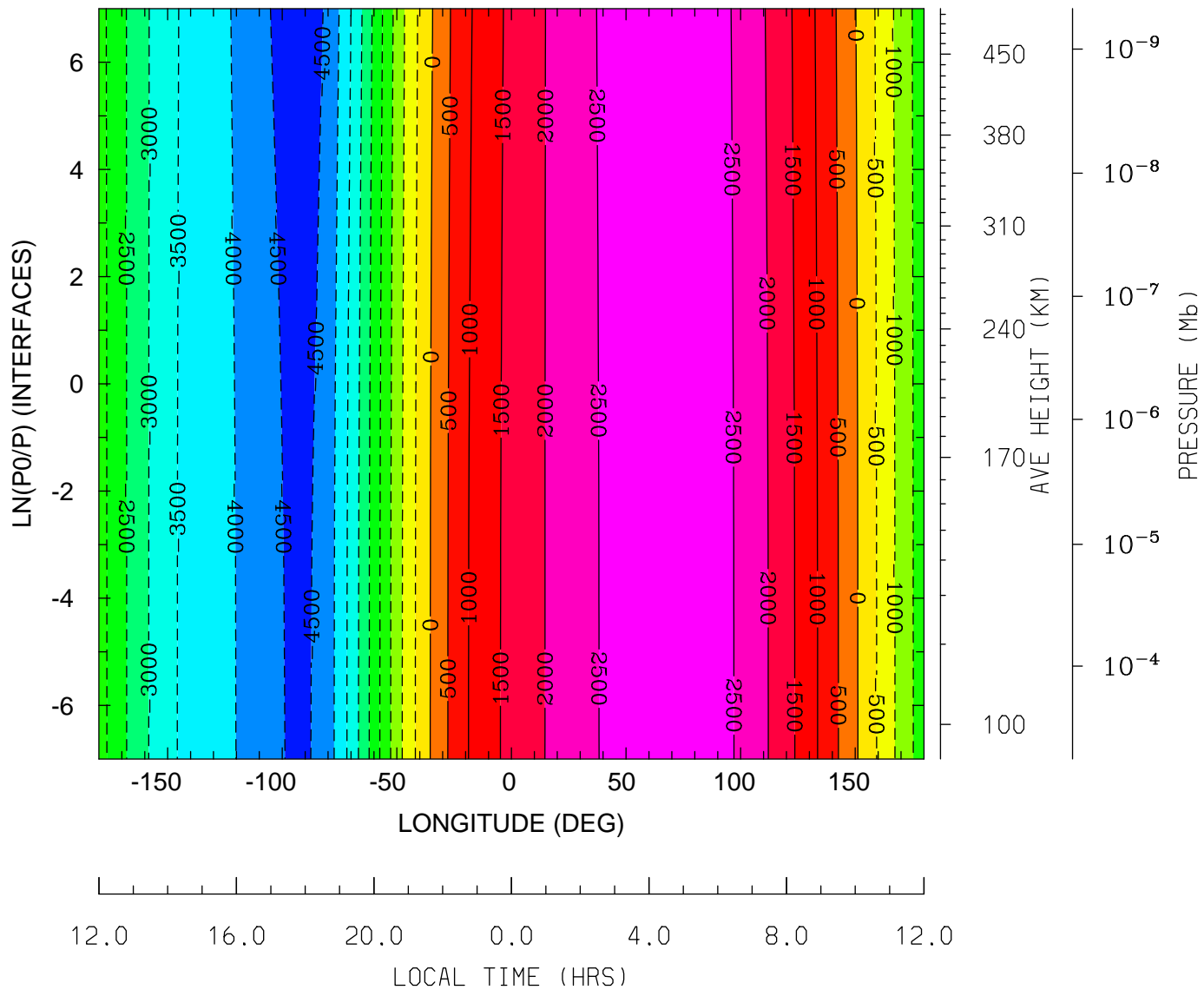
MIN,MAX= -2.5277E+03 3.5140E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= 37.50 (DEG)



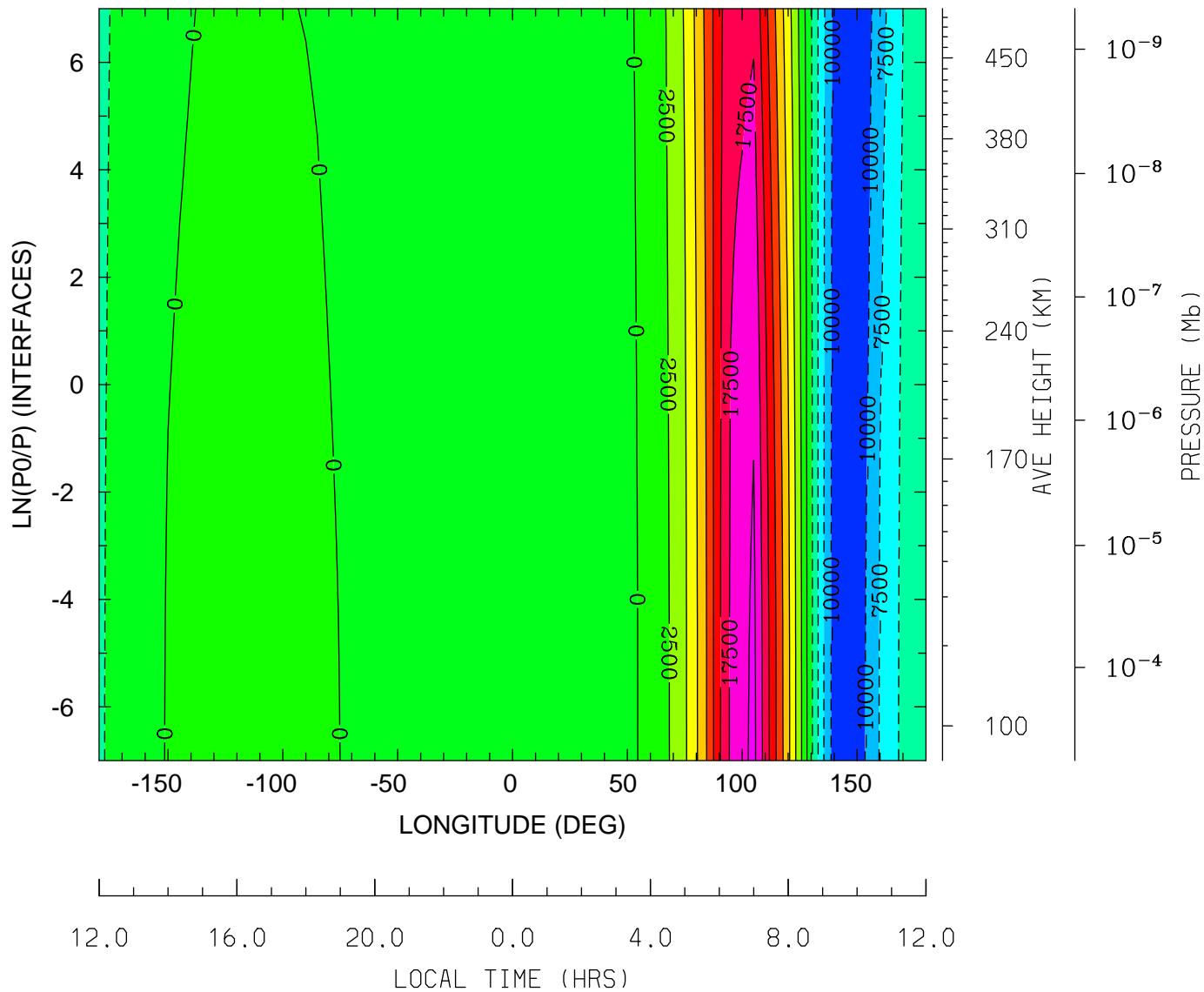
MIN,MAX= -4.4153E+03 2.8174E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
 UT= 0.00 LAT= 57.50 (DEG)



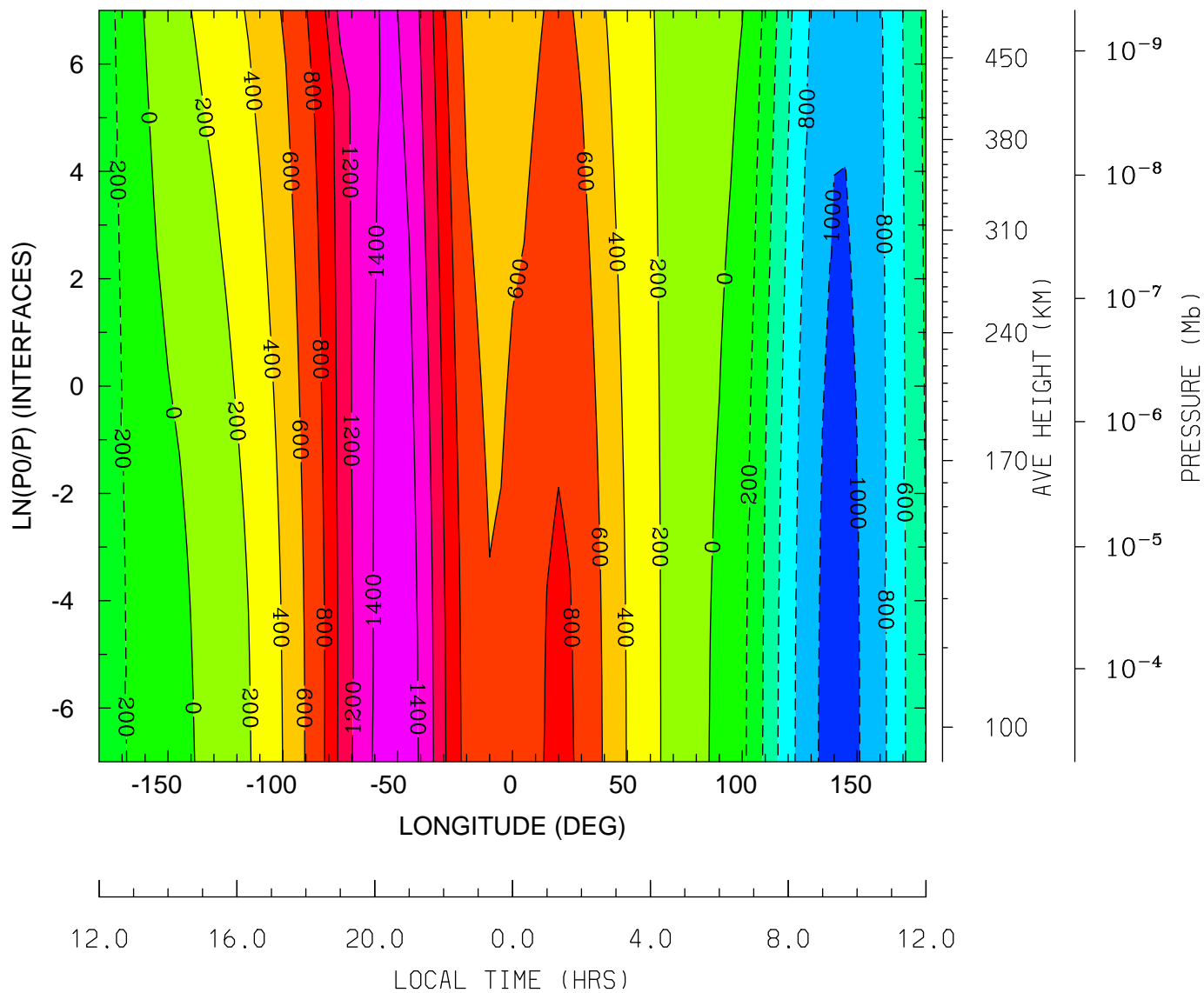
MIN,MAX= -4.7344E+03 2.8391E+03 INTERVAL= 5.0000E+02  
 tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
 tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 (DEG)



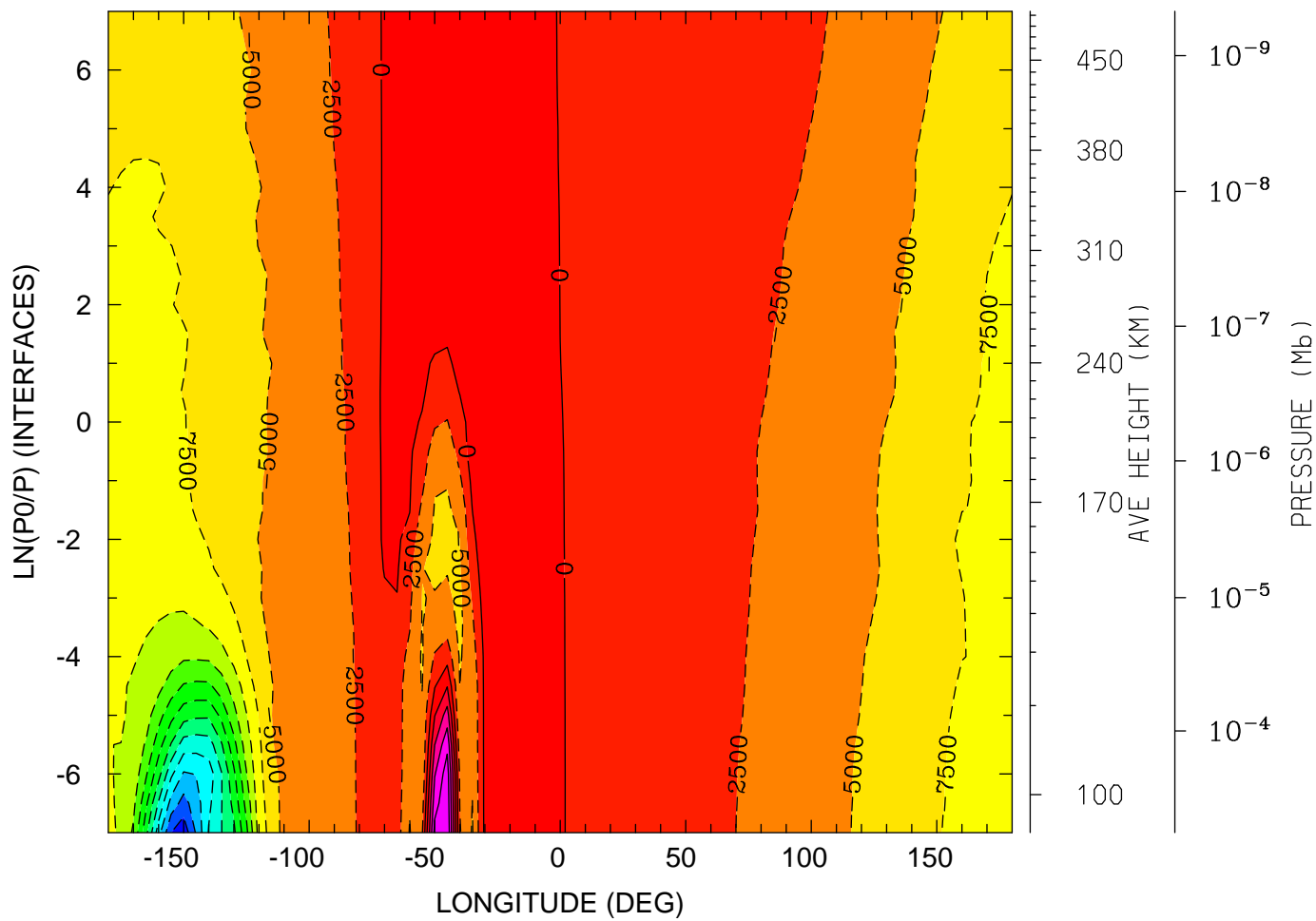
MIN,MAX= -1.2175E+04 2.0688E+04 INTERVAL= 2.5000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
 UT= 0.00 LAT= -42.50 (DEG)



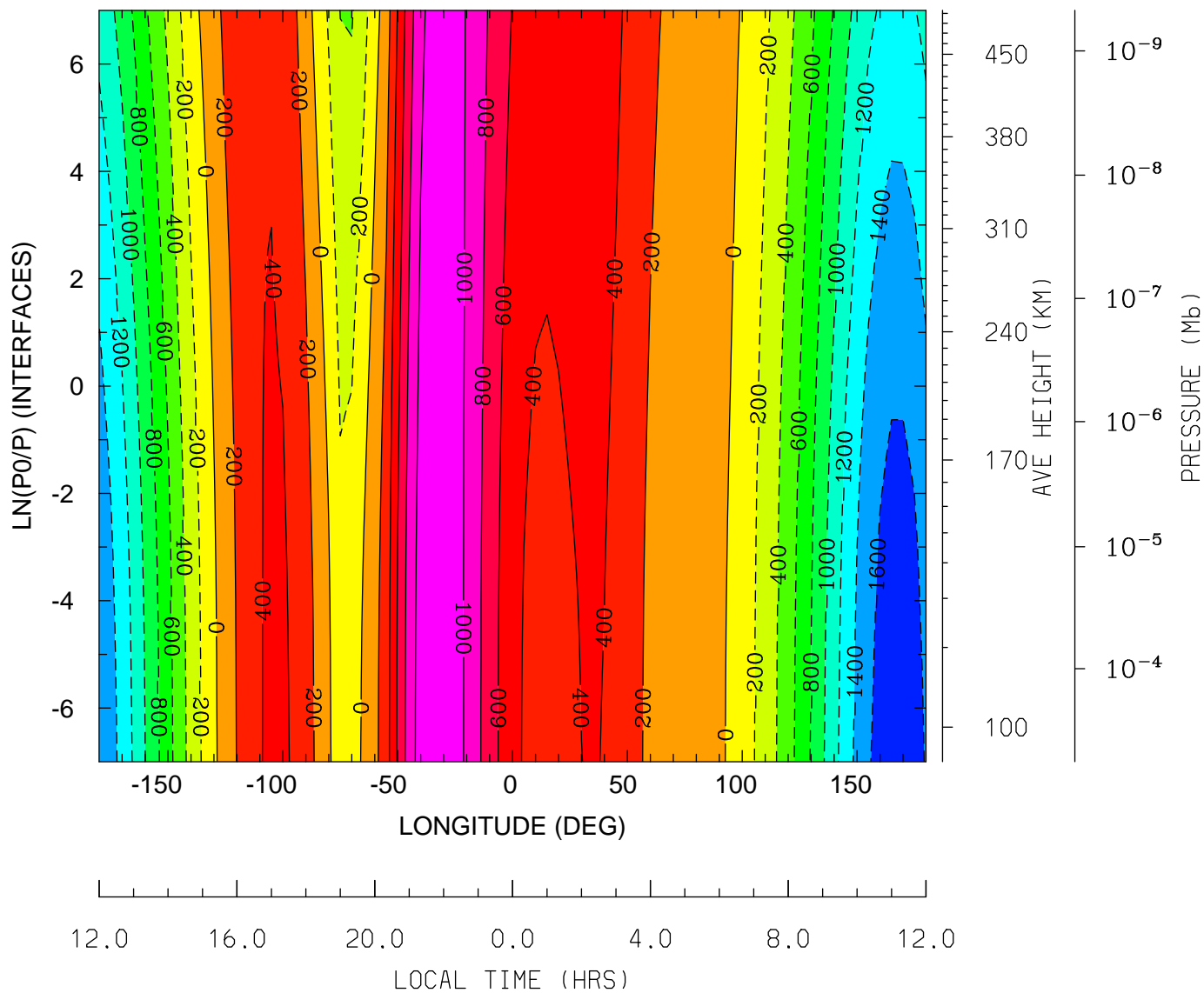
MIN,MAX= -1.0686E+03 1.5485E+03 INTERVAL= 2.0000E+02  
 tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
 tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= -2.50 (DEG)



MIN,MAX= -3.4211E+04 1.2385E+04 INTERVAL= 2.5000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

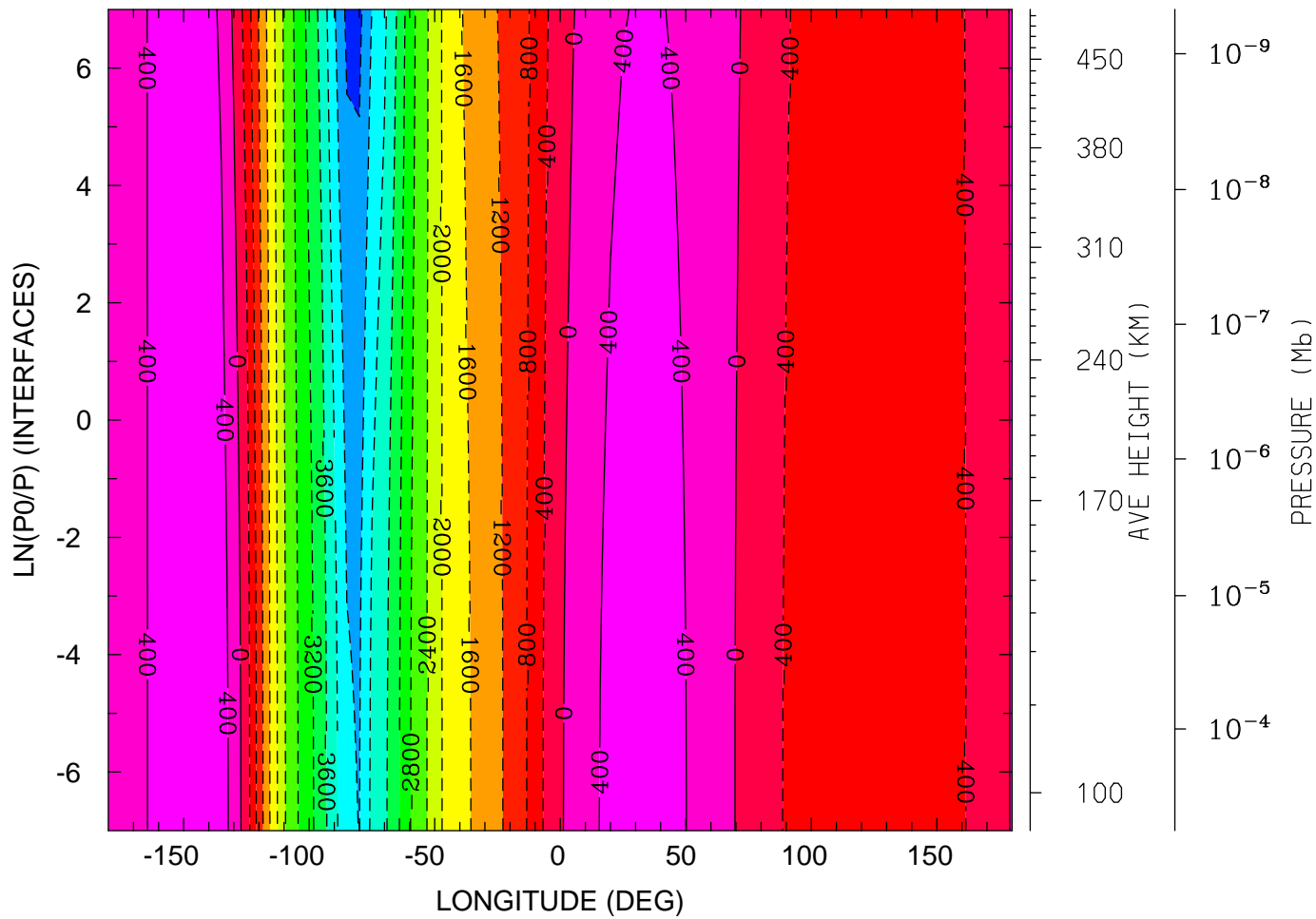
UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= 37.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -1.7277E+03 1.1806E+03 INTERVAL= 2.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeq\_smin\_sech\_005.nc

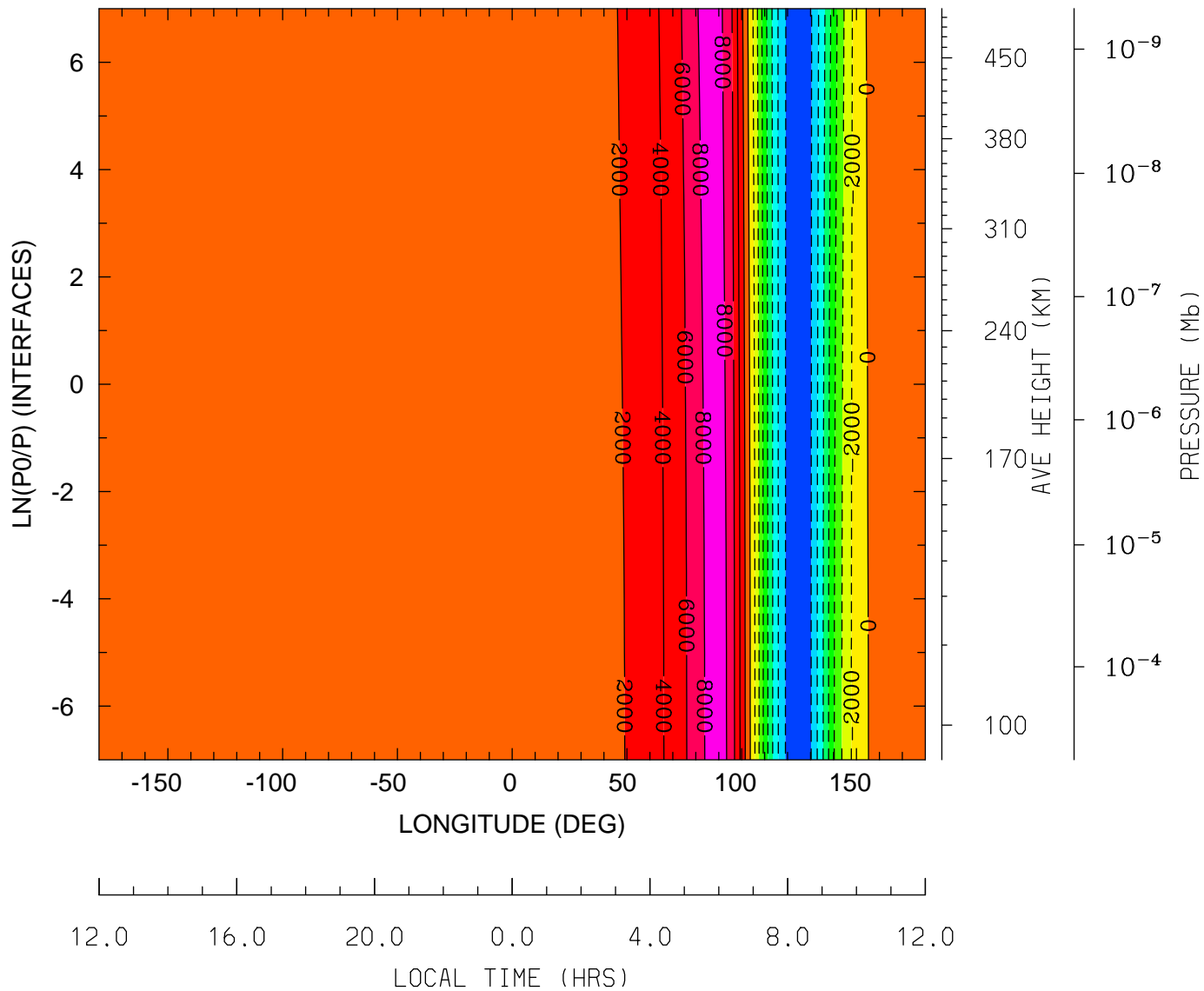
UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
 UT= 0.00 LAT= 57.50 (DEG)



MIN,MAX= -4.9011E+03 7.0430E+02 INTERVAL= 4.0000E+02  
 tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
 tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

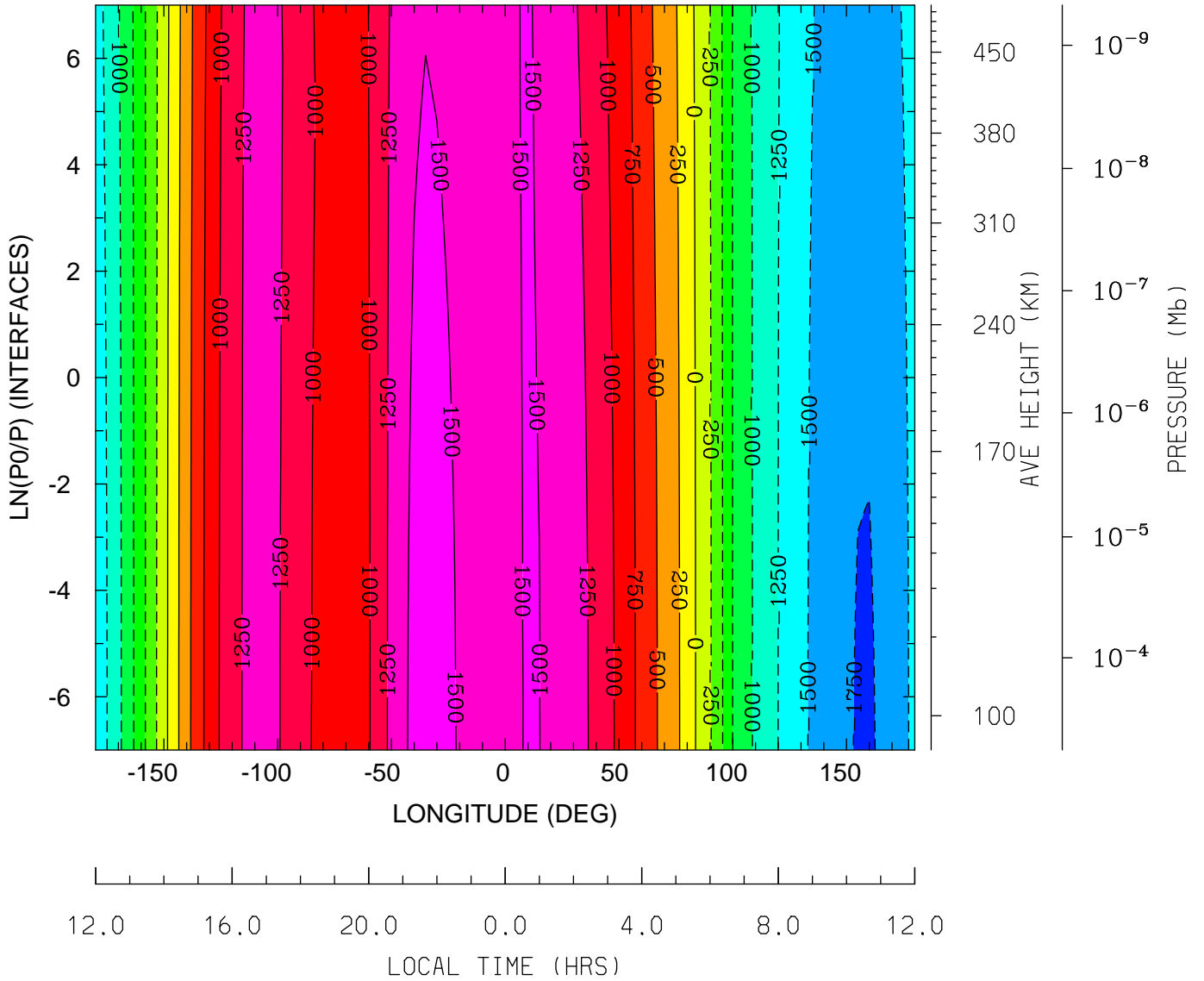


VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 (DEG)



MIN,MAX= -1.5816E+04 8.9765E+03 INTERVAL= 2.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

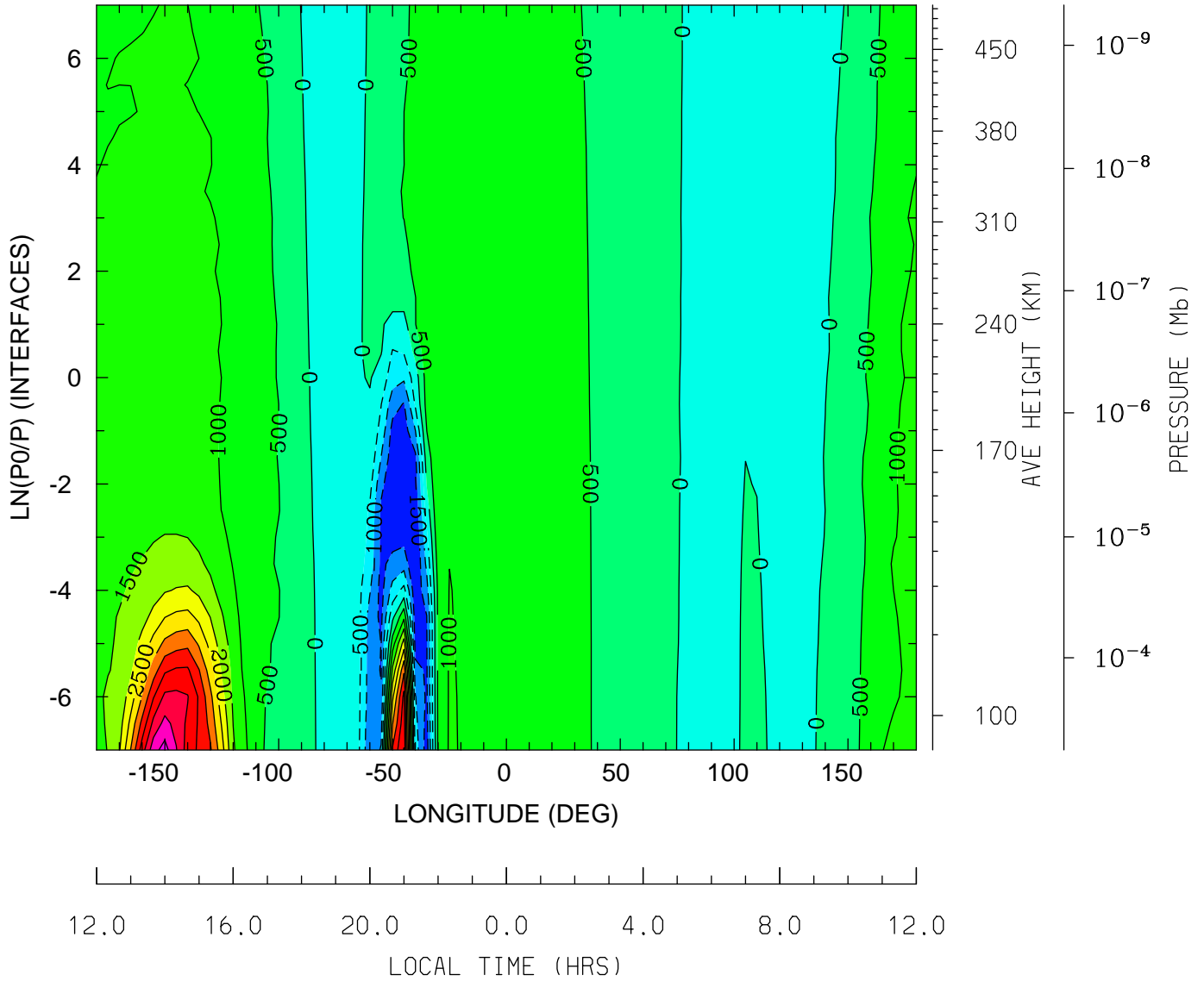
VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
 UT= 0.00 LAT= -42.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
 LOCAL TIME (HRS)

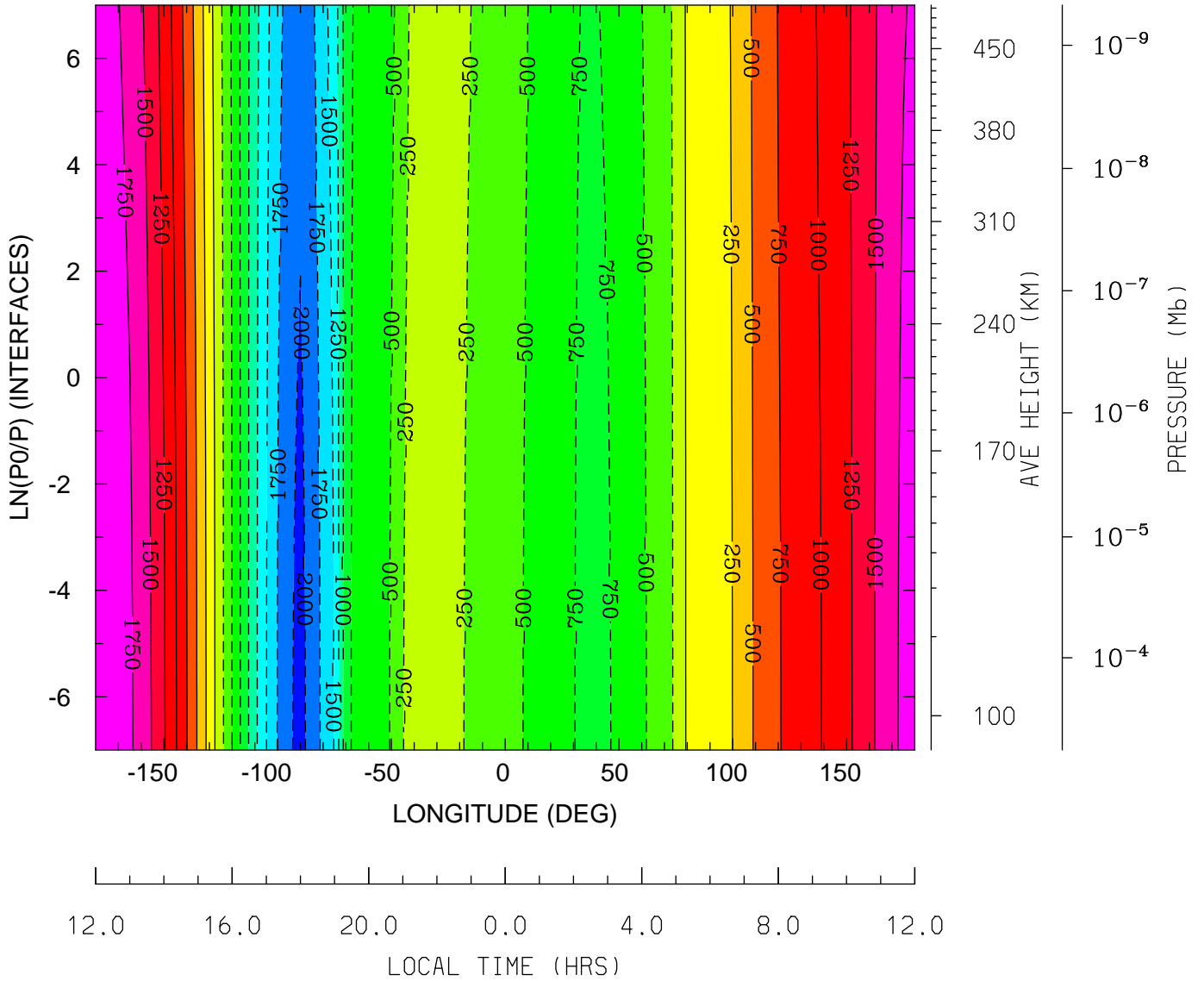
MIN,MAX= -1.7629E+03 1.6050E+03 INTERVAL= 2.5000E+02  
 tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
 tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= -2.50 (DEG)



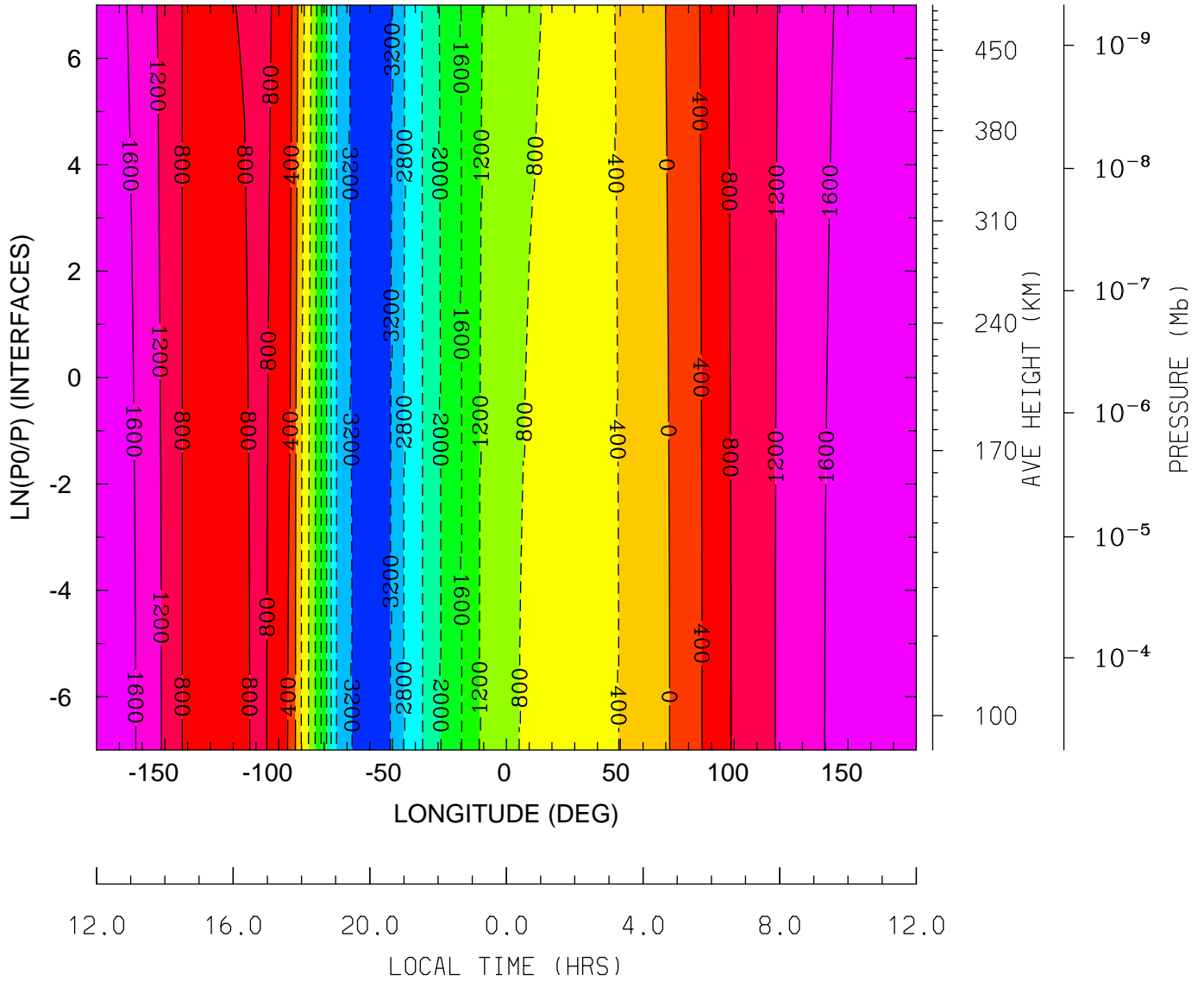
MIN,MAX= -2.0031E+03 5.6995E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= 37.50 (DEG)



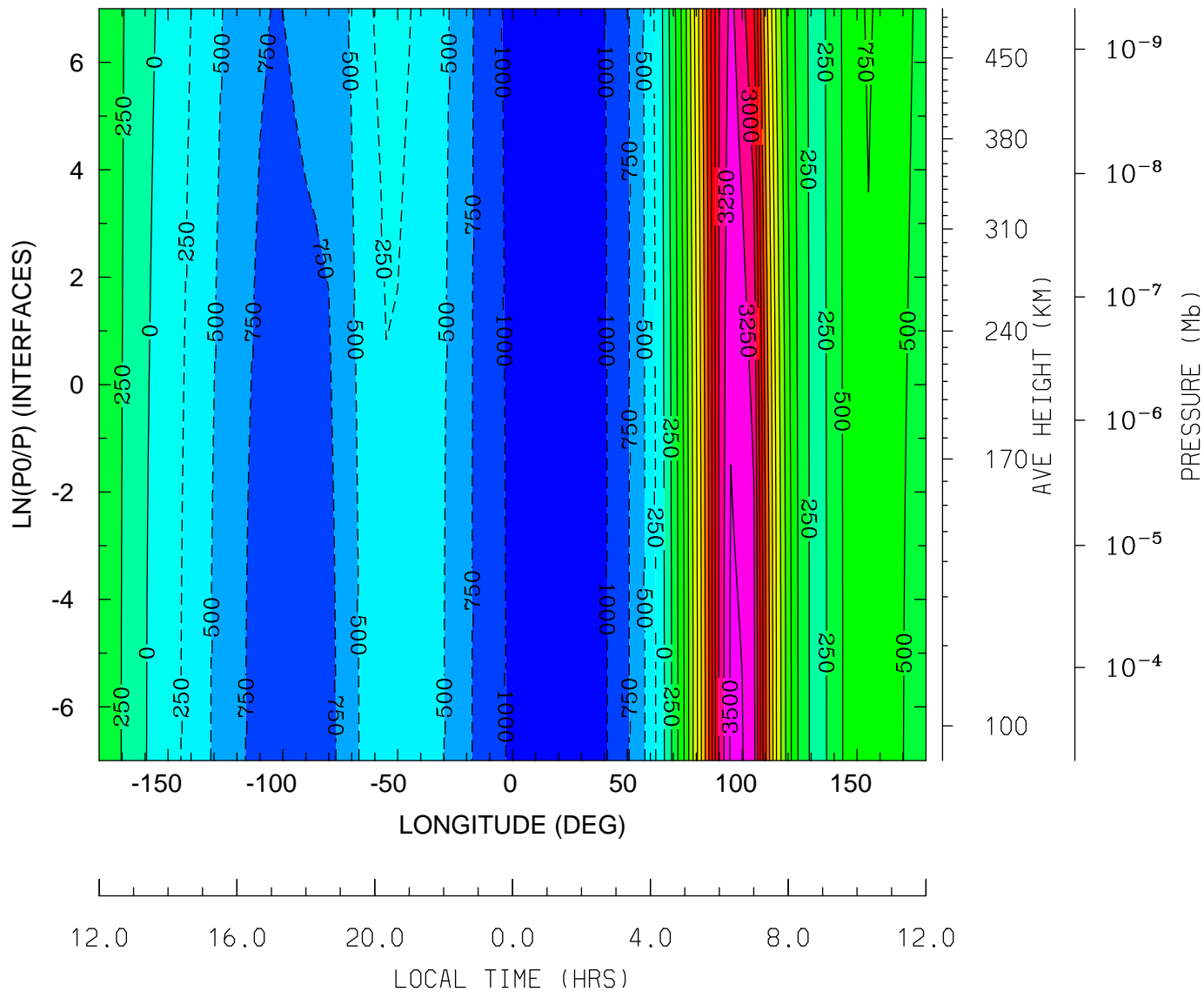
MIN,MAX= -2.0596E+03 1.8930E+03 INTERVAL= 2.5000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
 UT= 0.00 LAT= 57.50 (DEG)



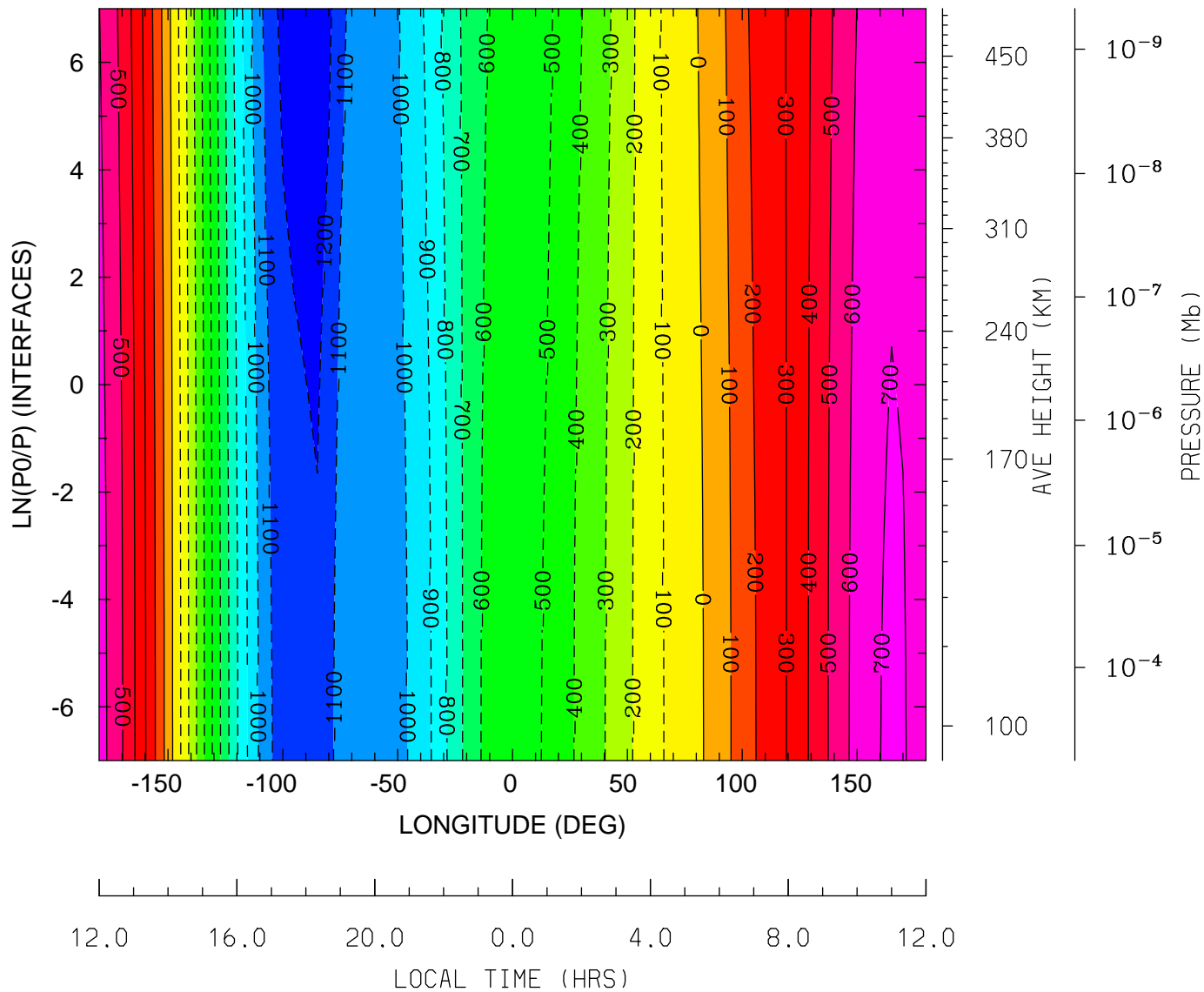
MIN,MAX= -3.3970E+03 1.9323E+03 INTERVAL= 4.0000E+02  
 tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
 tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 UT= 0.00 LAT= -62.50 (DEG)



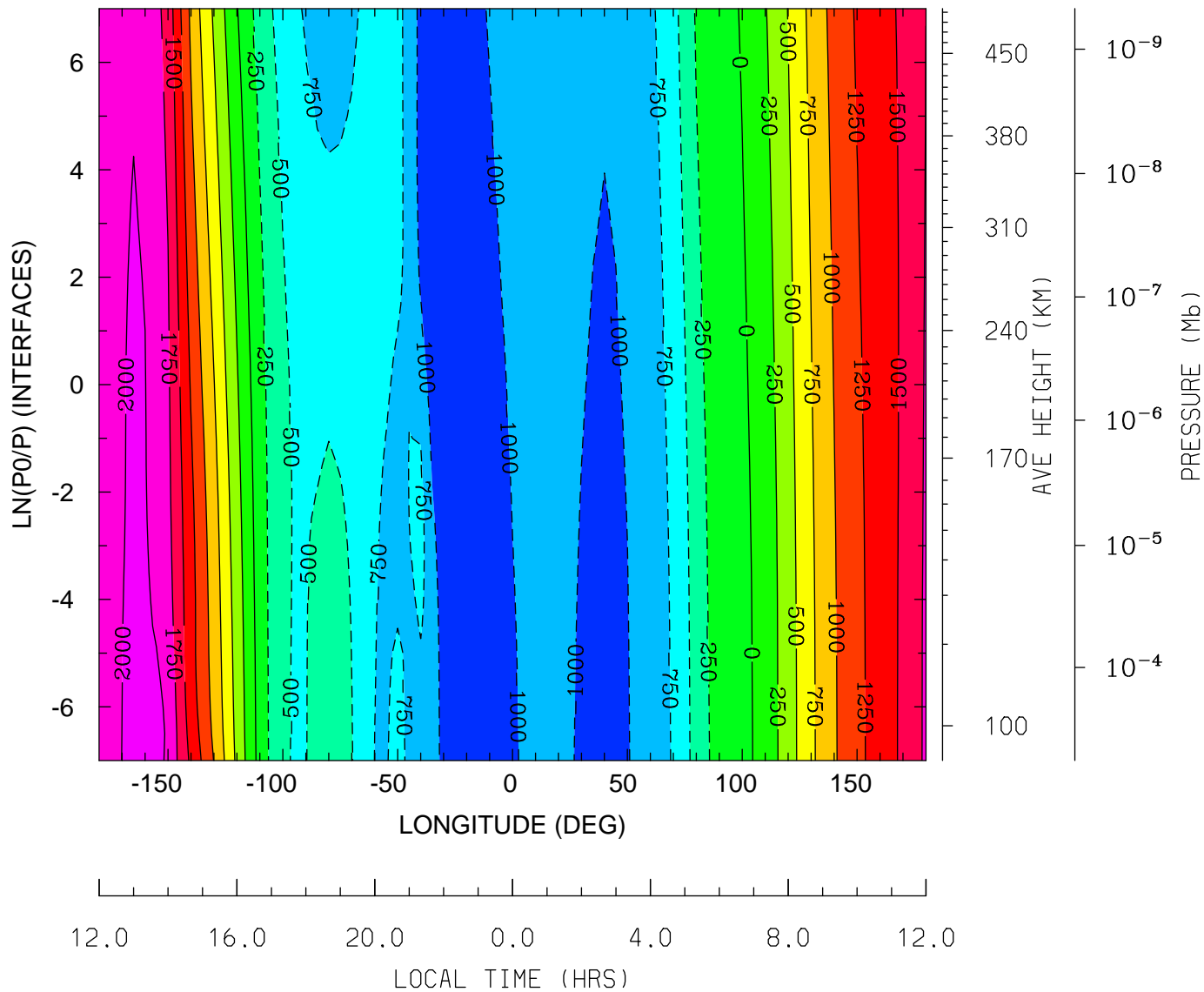
MIN,MAX= -1.1757E+03 3.5405E+03 INTERVAL= 2.5000E+02  
 tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
 tiegcm2.0\_res5.0\_sepeq\_smin\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 UT= 0.00 LAT= -42.50 (DEG)



MIN,MAX= -1.2621E+03 7.1343E+02 INTERVAL= 1.0000E+02  
 tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
 tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

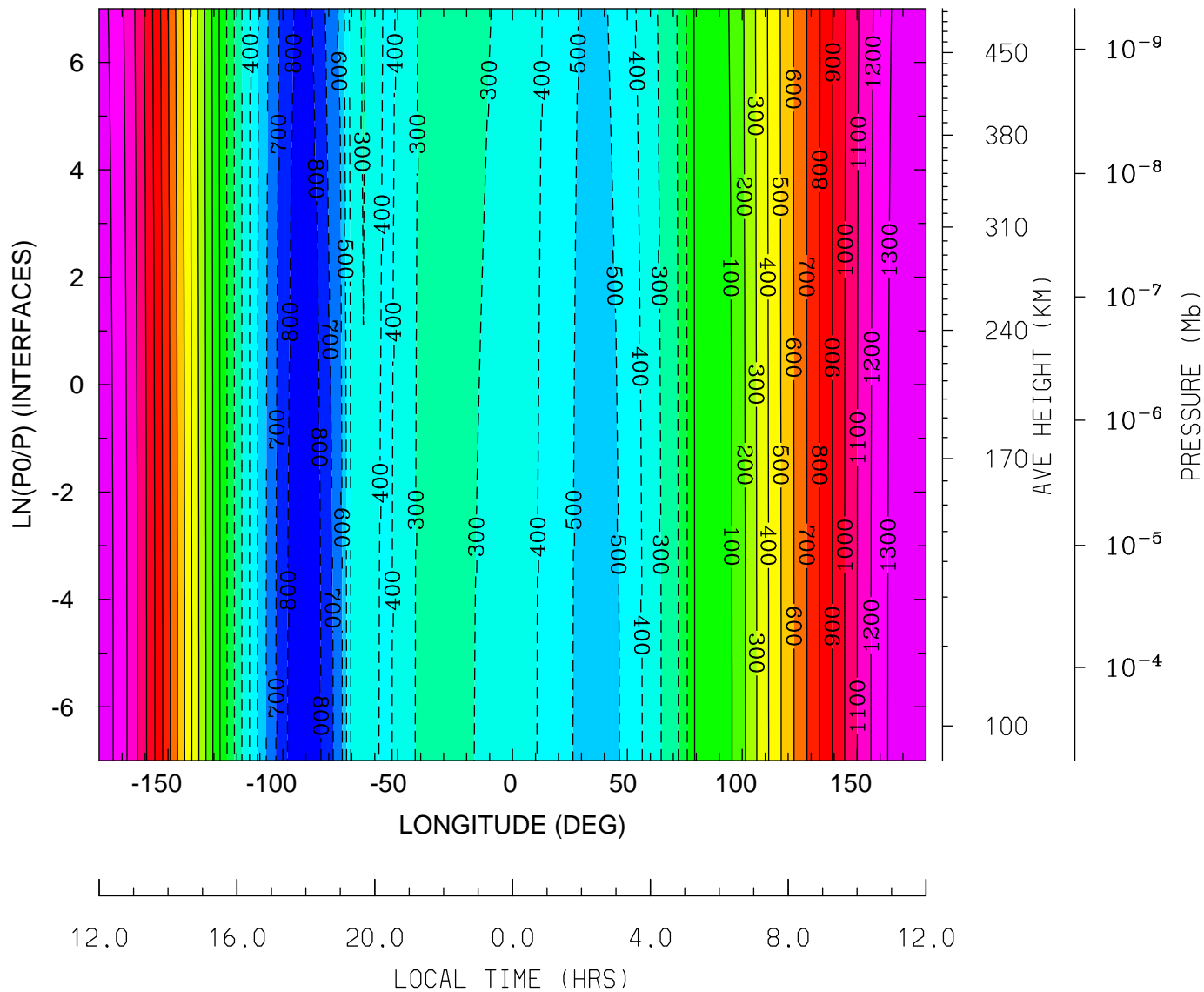
WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 UT= 0.00 LAT= -2.50 (DEG)



MIN,MAX= -1.1831E+03 2.1349E+03 INTERVAL= 2.5000E+02  
 tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
 tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

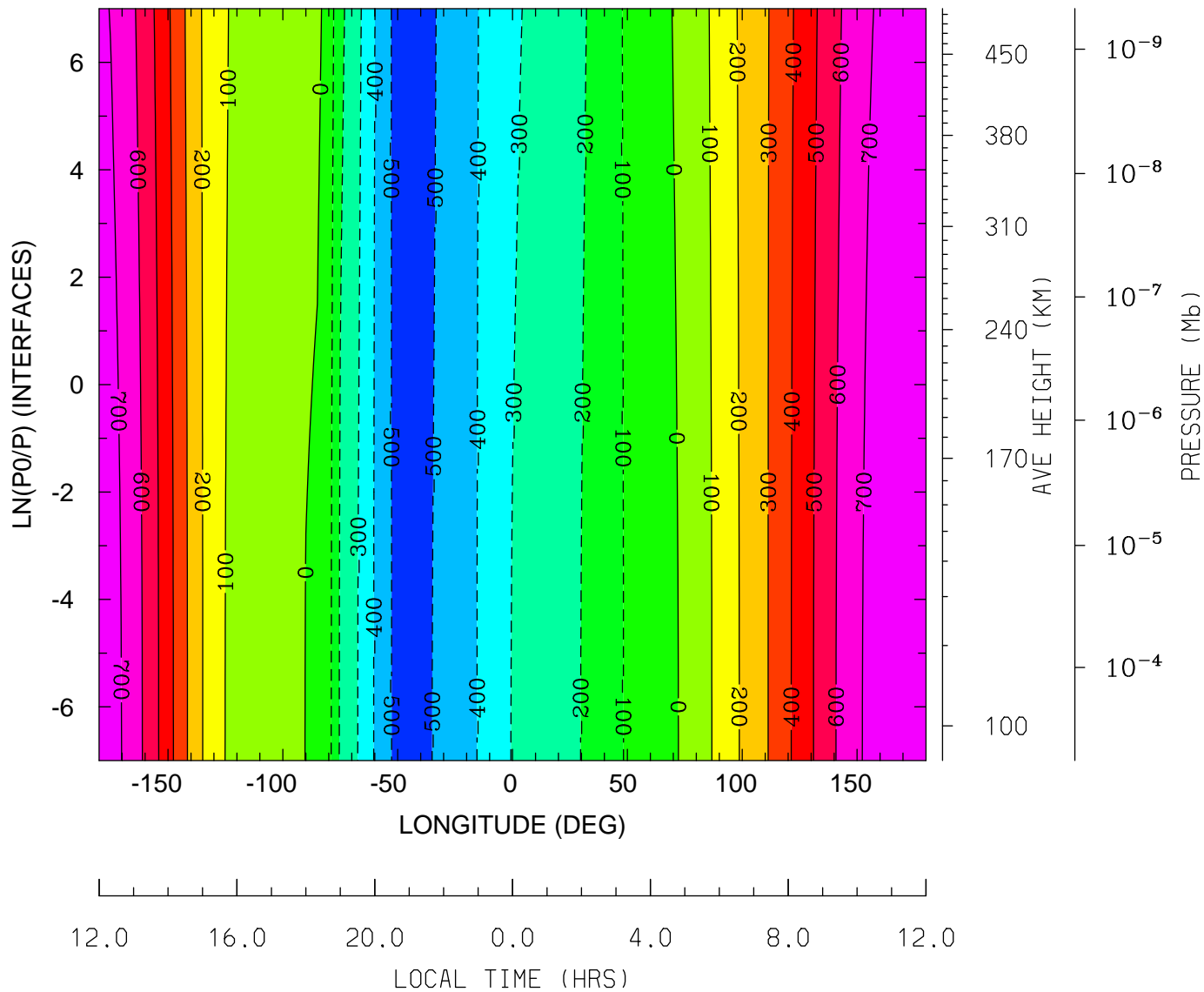


WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 UT= 0.00 LAT= 37.50 (DEG)



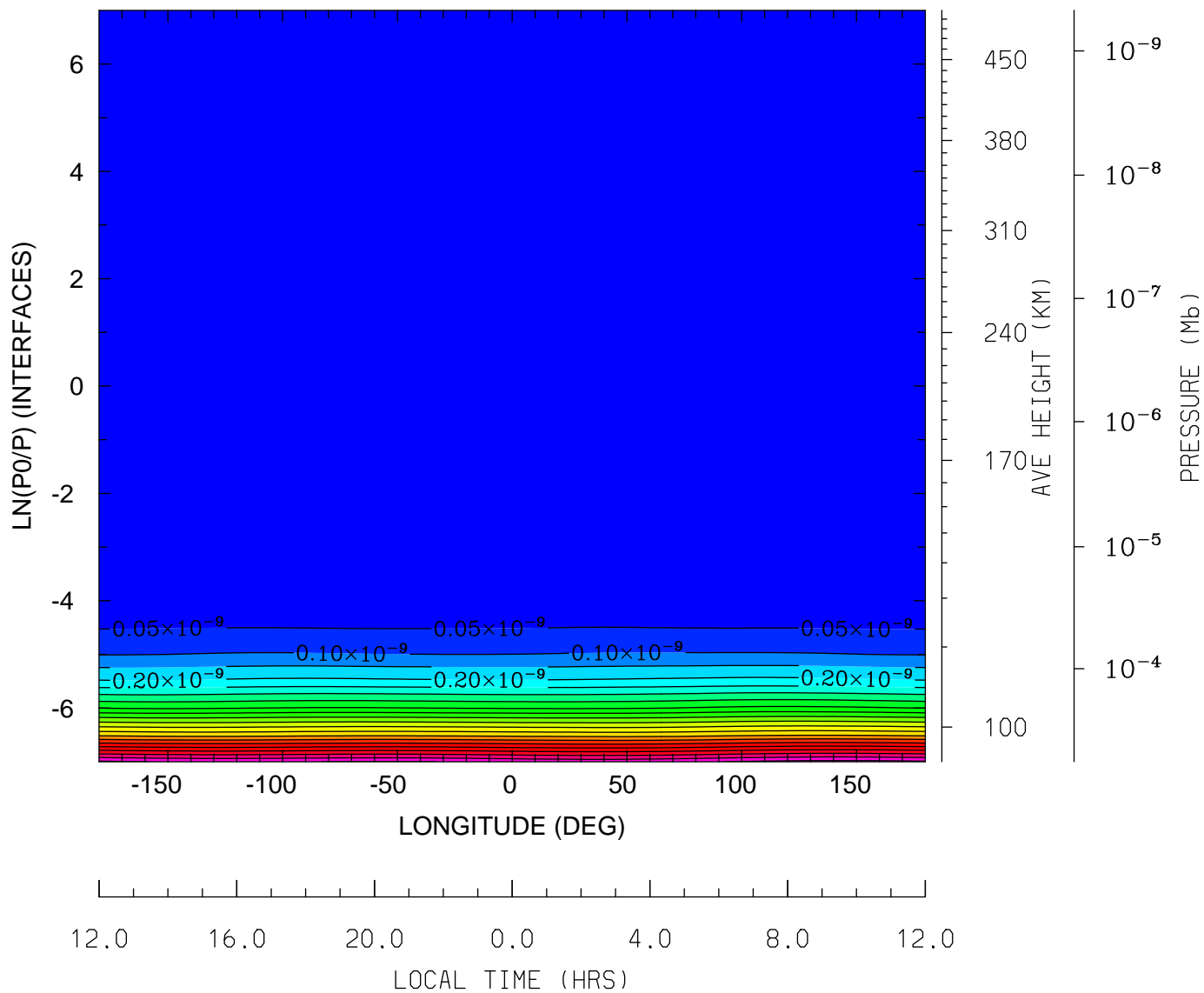
MIN,MAX= -8.8700E+02 1.3776E+03 INTERVAL= 1.0000E+02  
 tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
 tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= 57.50 (DEG)



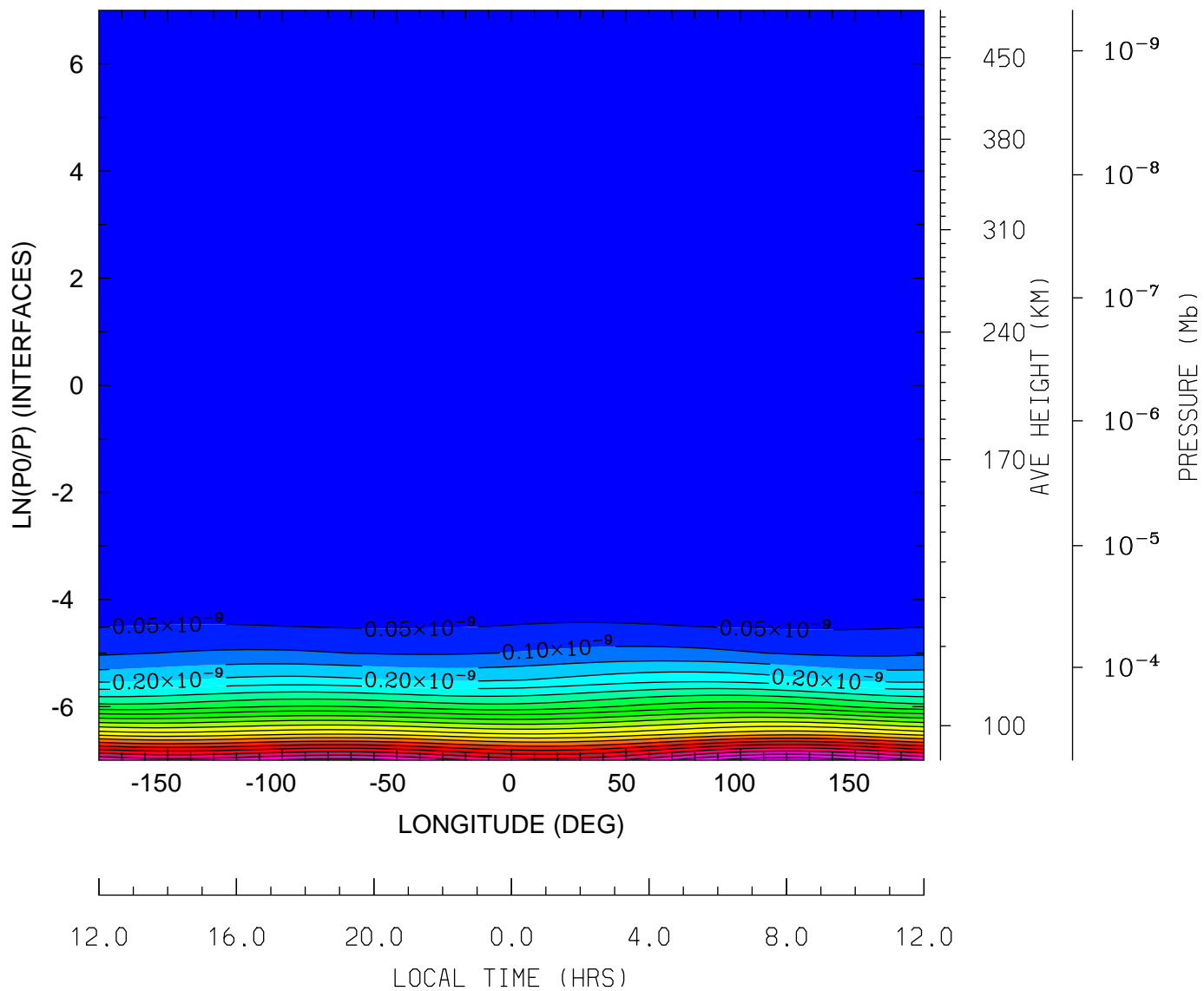
MIN,MAX= -5.2675E+02 7.7789E+02 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 LAT= -62.50 (DEG)



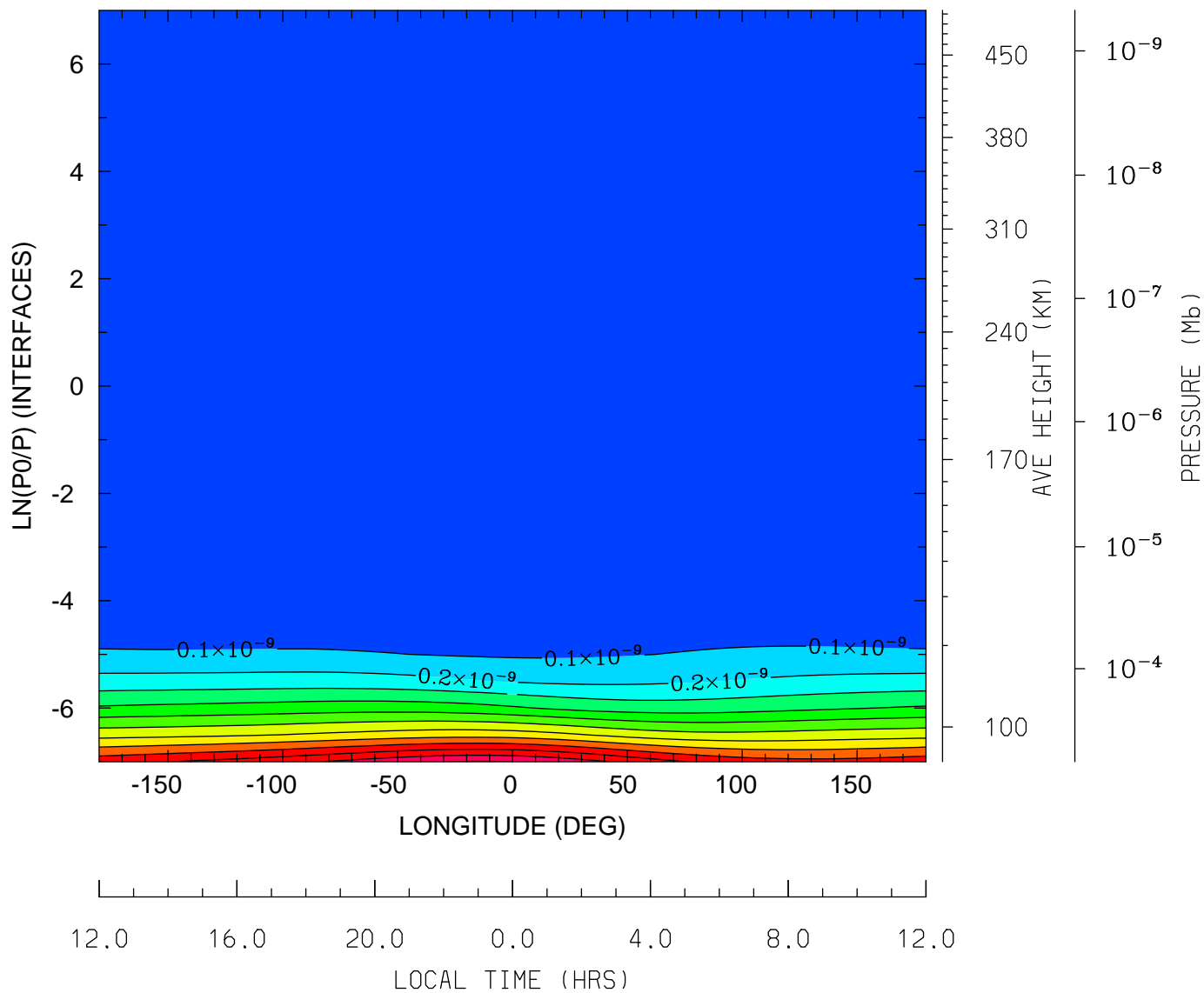
MIN,MAX= 1.3500E-16 1.0661E-09 INTERVAL= 5.0000E-11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 LAT= -42.50 (DEG)



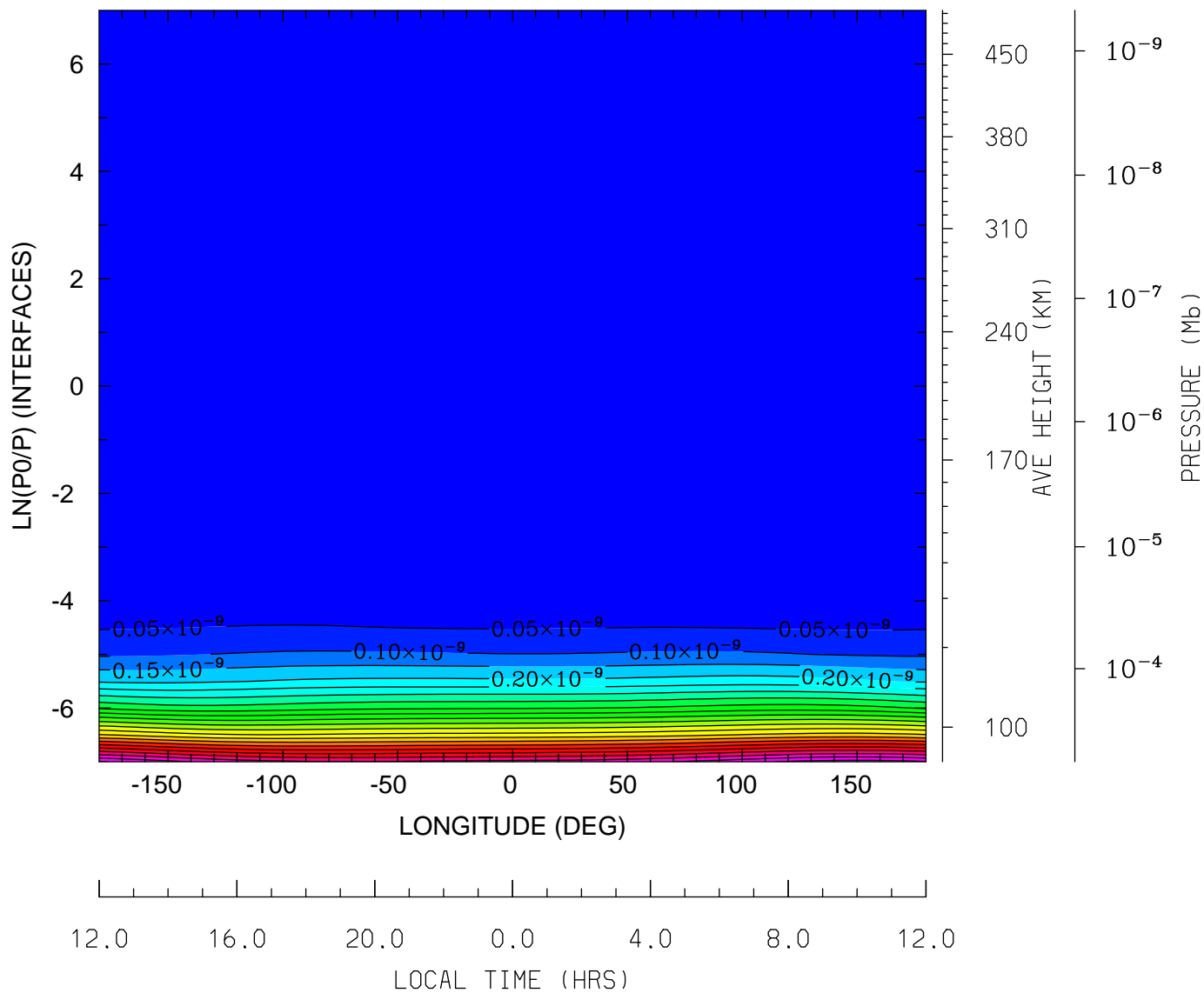
MIN,MAX= 1.3578E-16 1.1408E-09 INTERVAL= 5.0000E-11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm<sup>3</sup>)  
UT= 0.00 LAT= -2.50 (DEG)



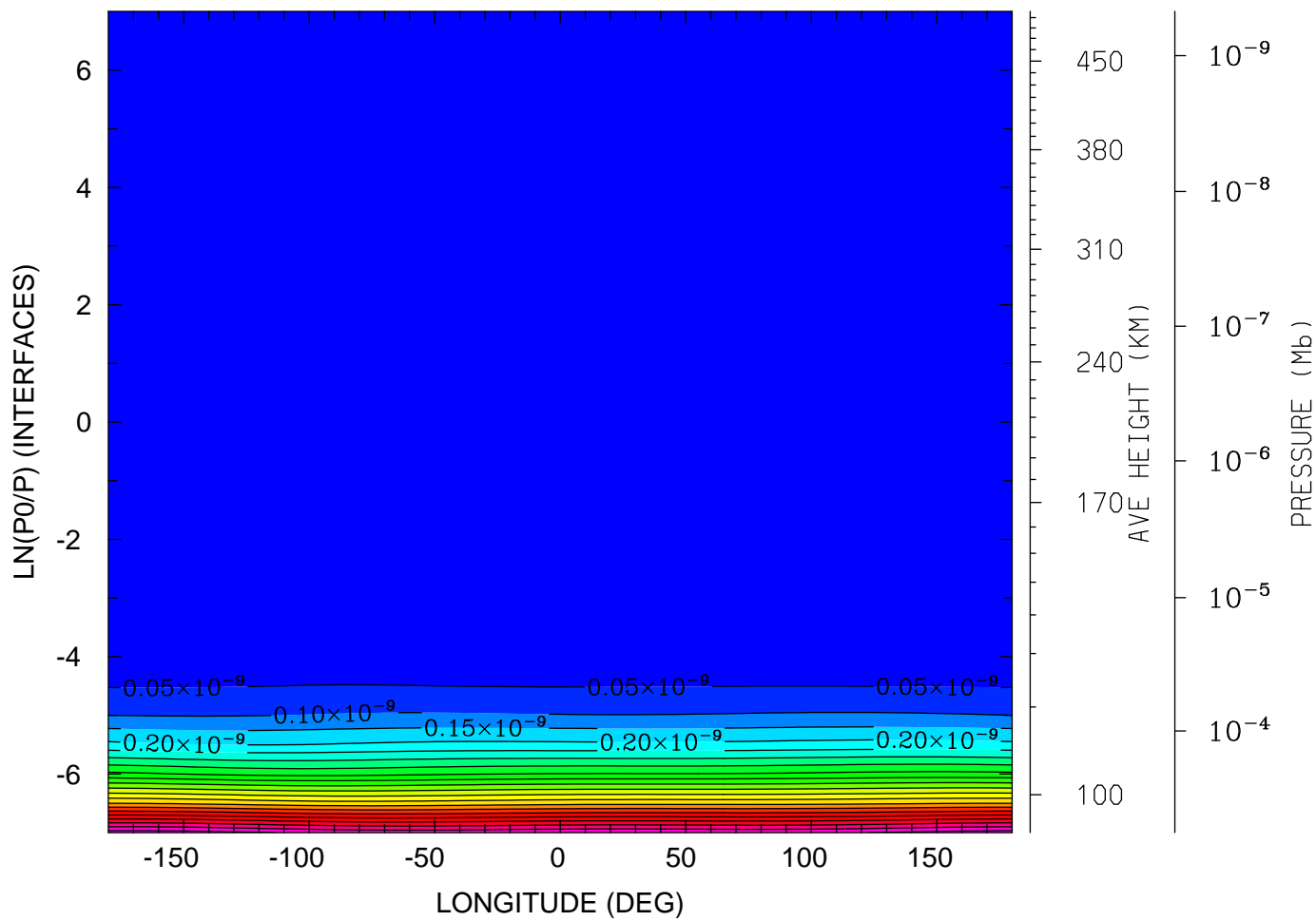
MIN,MAX= 1.3918E-16 1.2074E-09 INTERVAL= 1.0000E-10  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 LAT= 37.50 (DEG)



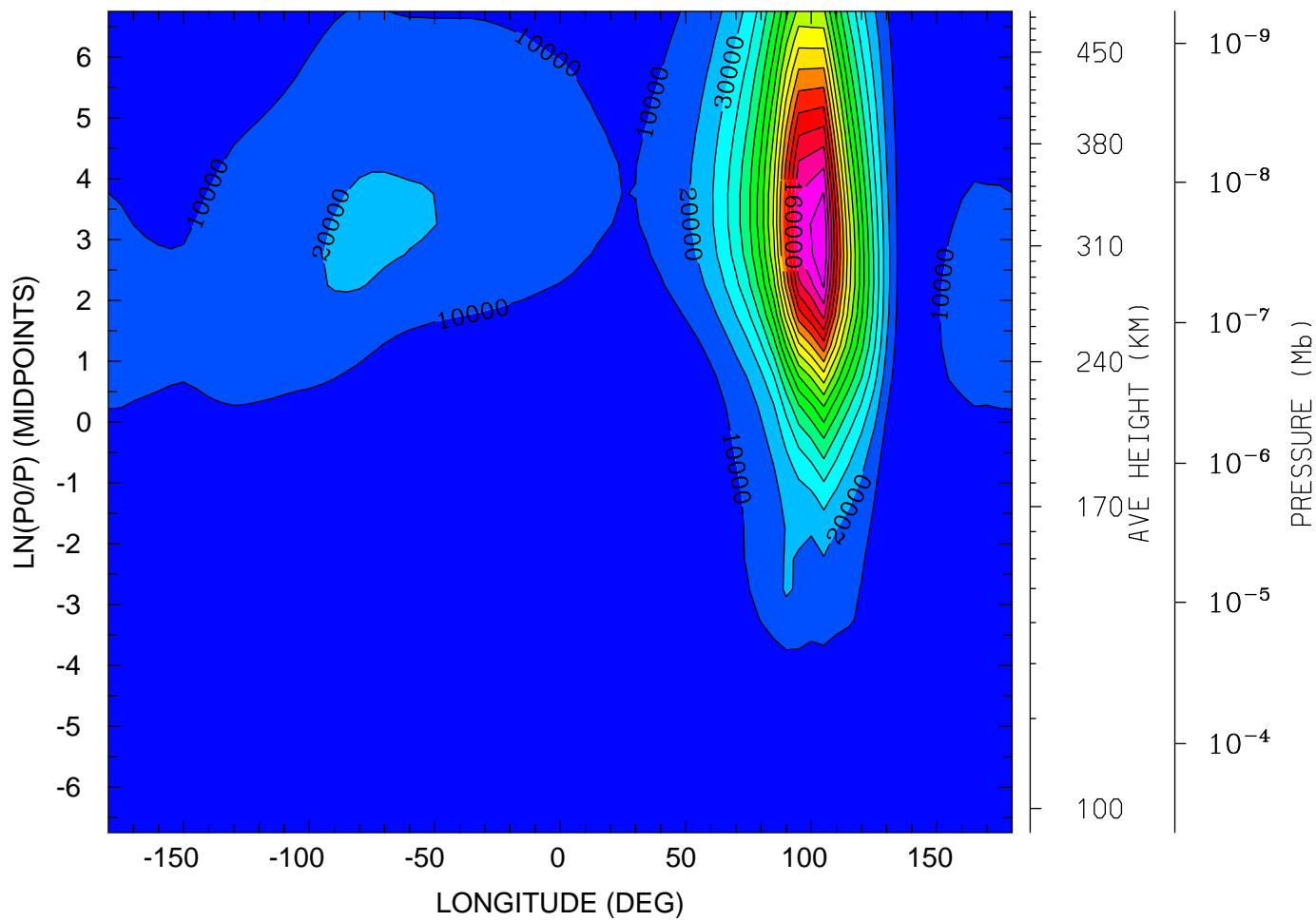
MIN,MAX= 1.3197E-16 1.1214E-09 INTERVAL= 5.0000E-11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 LAT= 57.50 (DEG)



MIN,MAX= 1.2736E-16 1.0760E-09 INTERVAL= 5.0000E-11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= -62.50 (DEG)

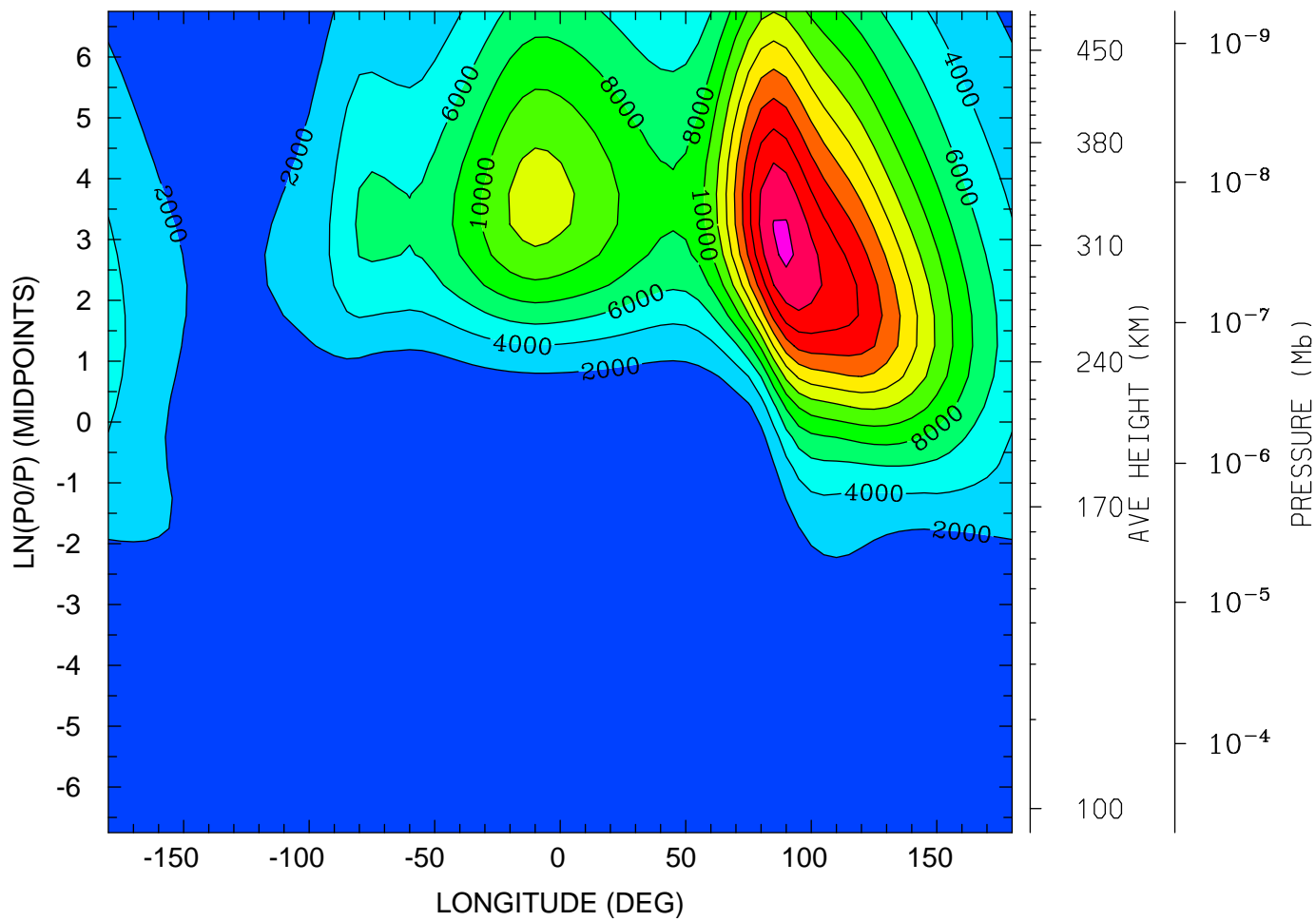


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 5.8622E-03 1.8965E+05 INTERVAL= 1.0000E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc



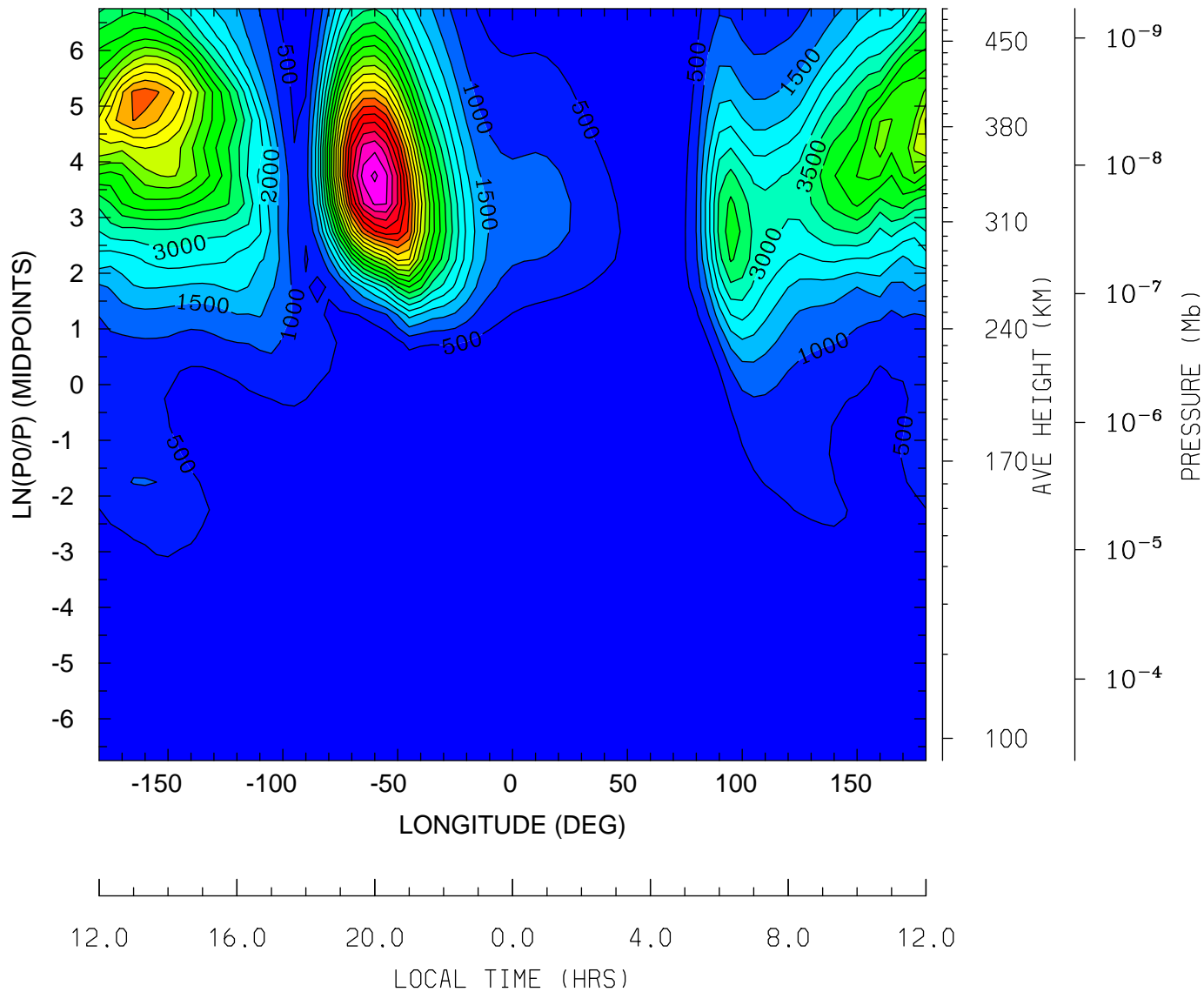
QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= -42.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

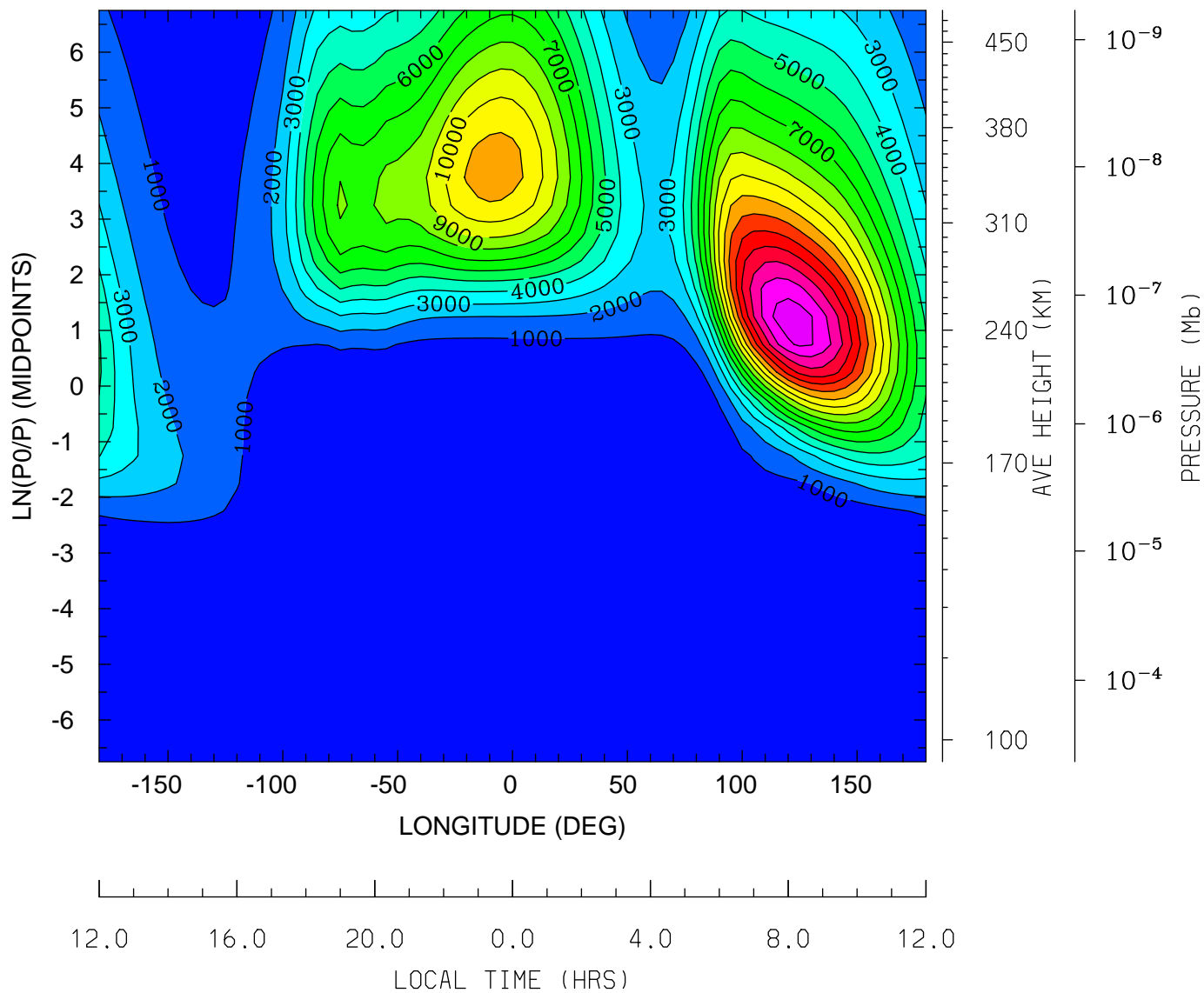
MIN,MAX= 3.0975E-04 2.4396E+04 INTERVAL= 2.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= -2.50 (DEG)



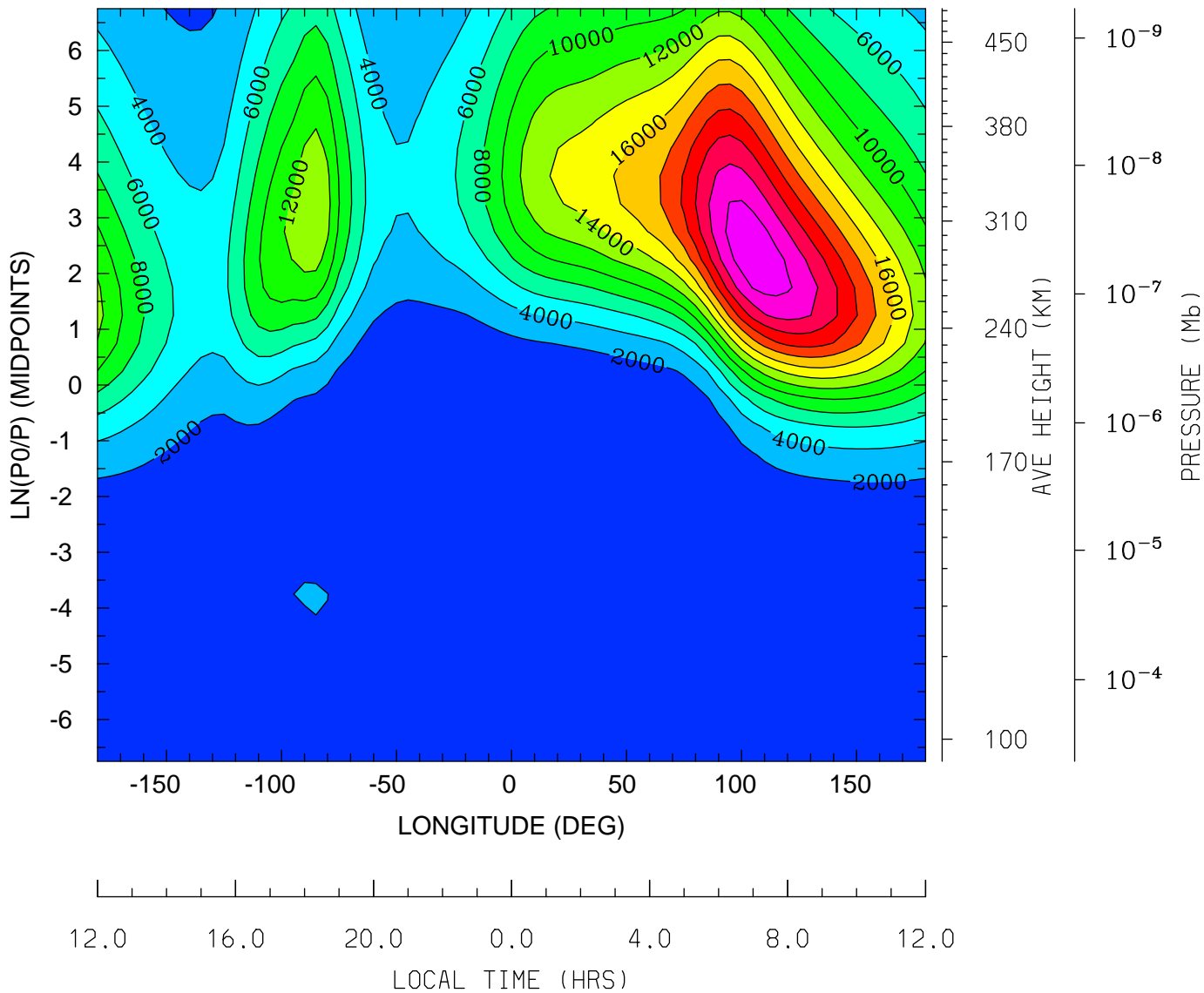
MIN,MAX= 1.7175E-03 1.1616E+04 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= 37.50 (DEG)



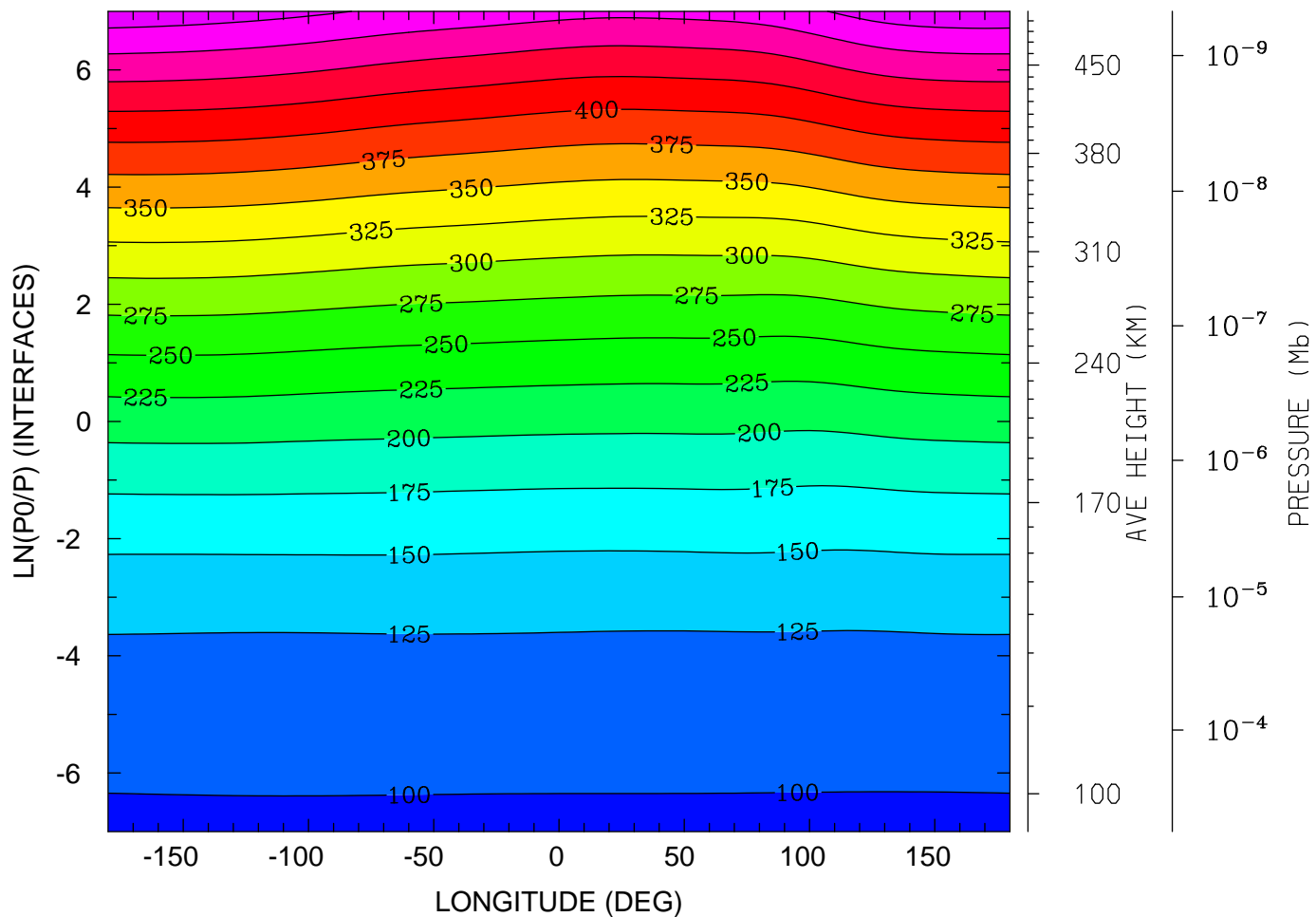
MIN,MAX= 7.1854E-03 1.7685E+04 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= 57.50 (DEG)



MIN,MAX= 1.2432E-03 2.7405E+04 INTERVAL= 2.0000E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

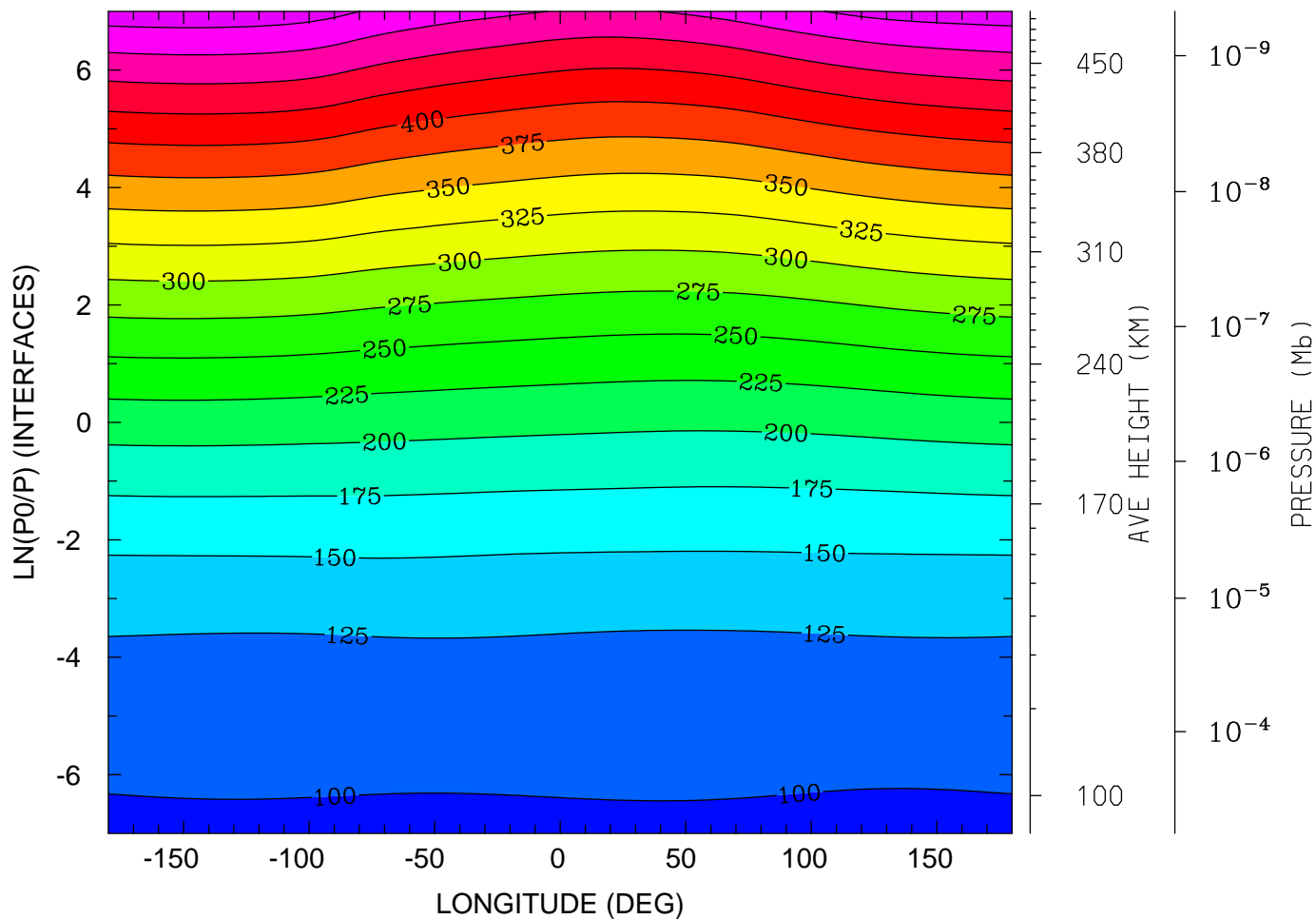
GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -62.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 9.6222E+01 5.1737E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

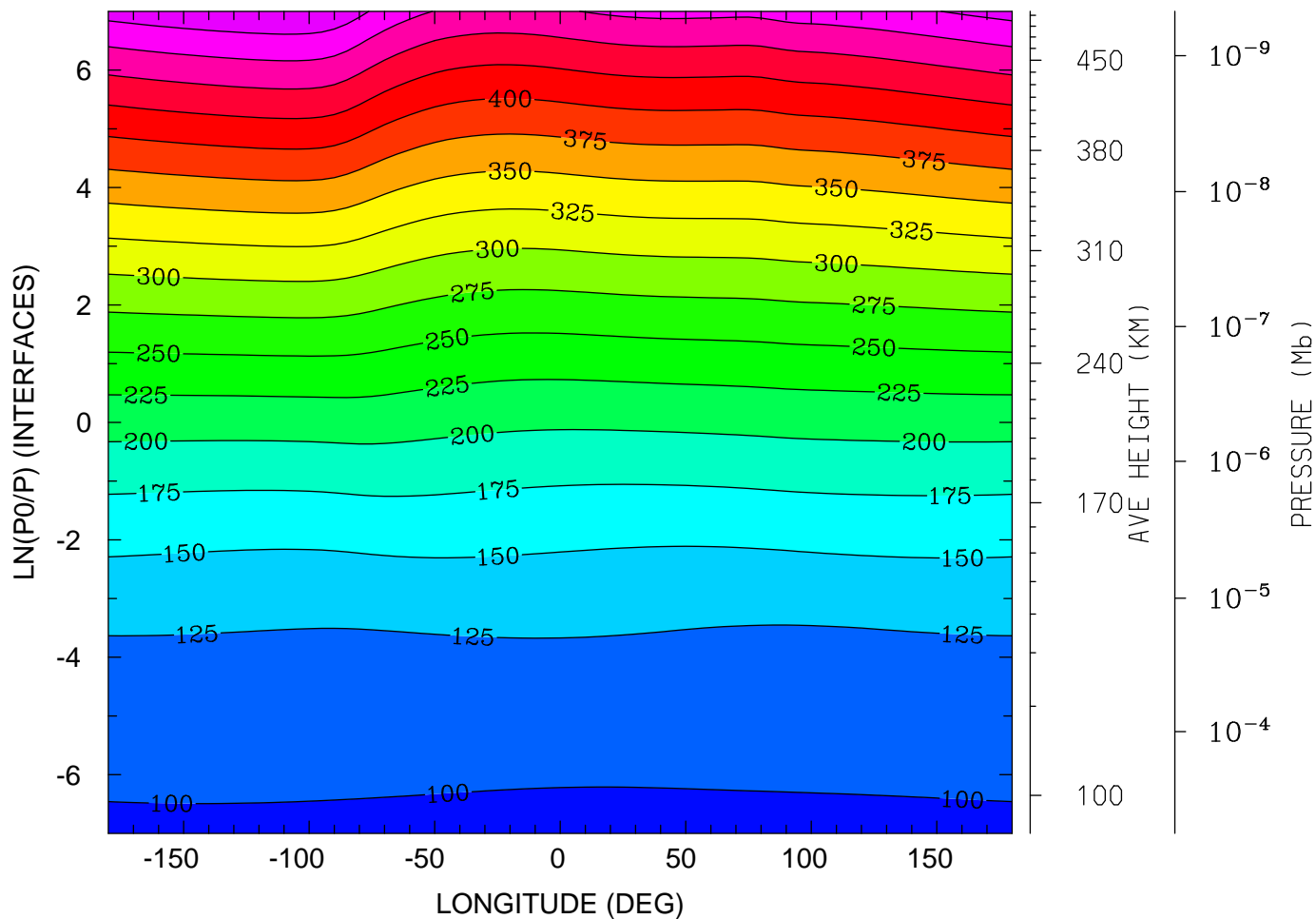
GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -42.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 9.5935E+01 5.1561E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

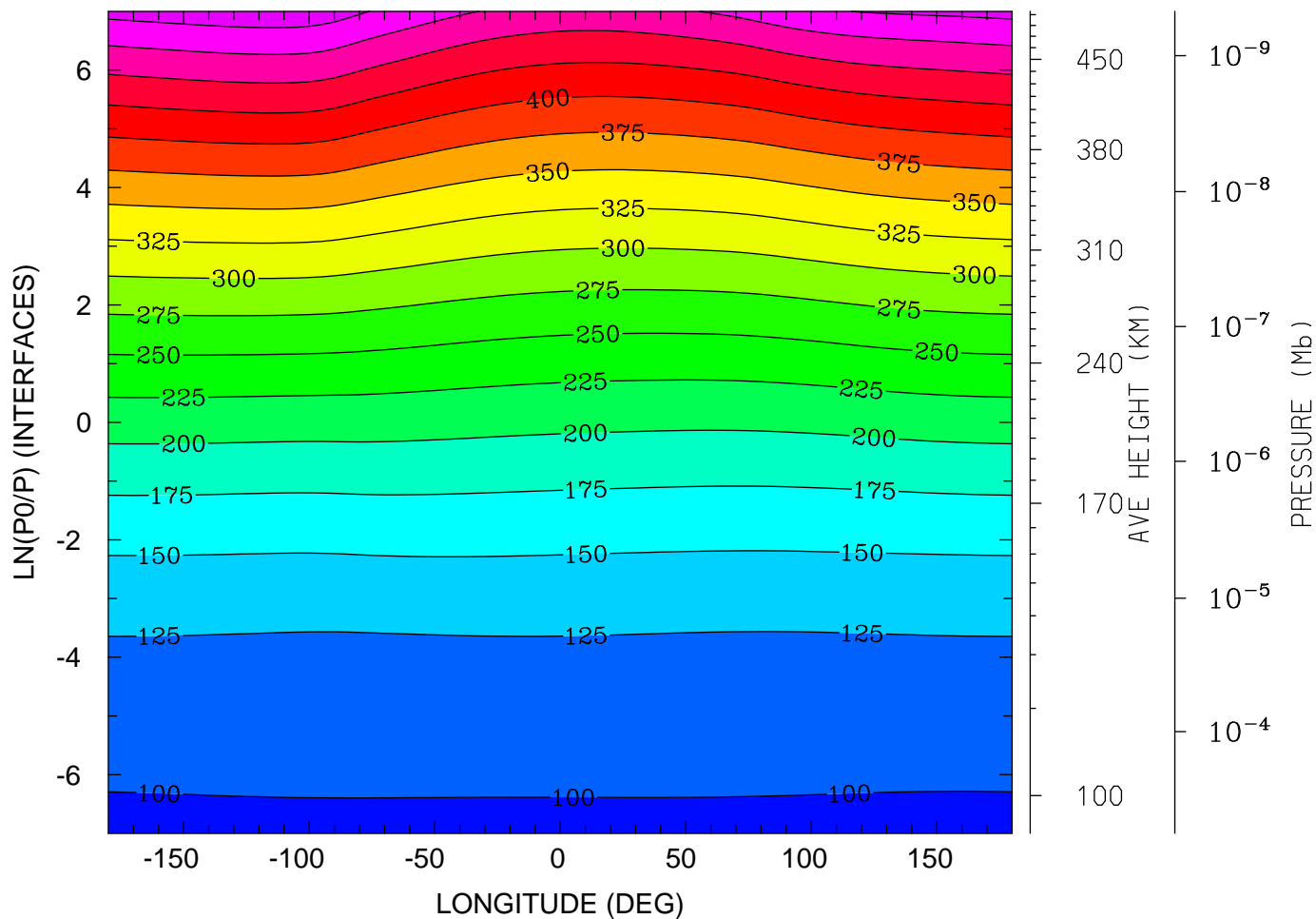
GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -2.50 (DEG)



12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 9.5682E+01 5.2274E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

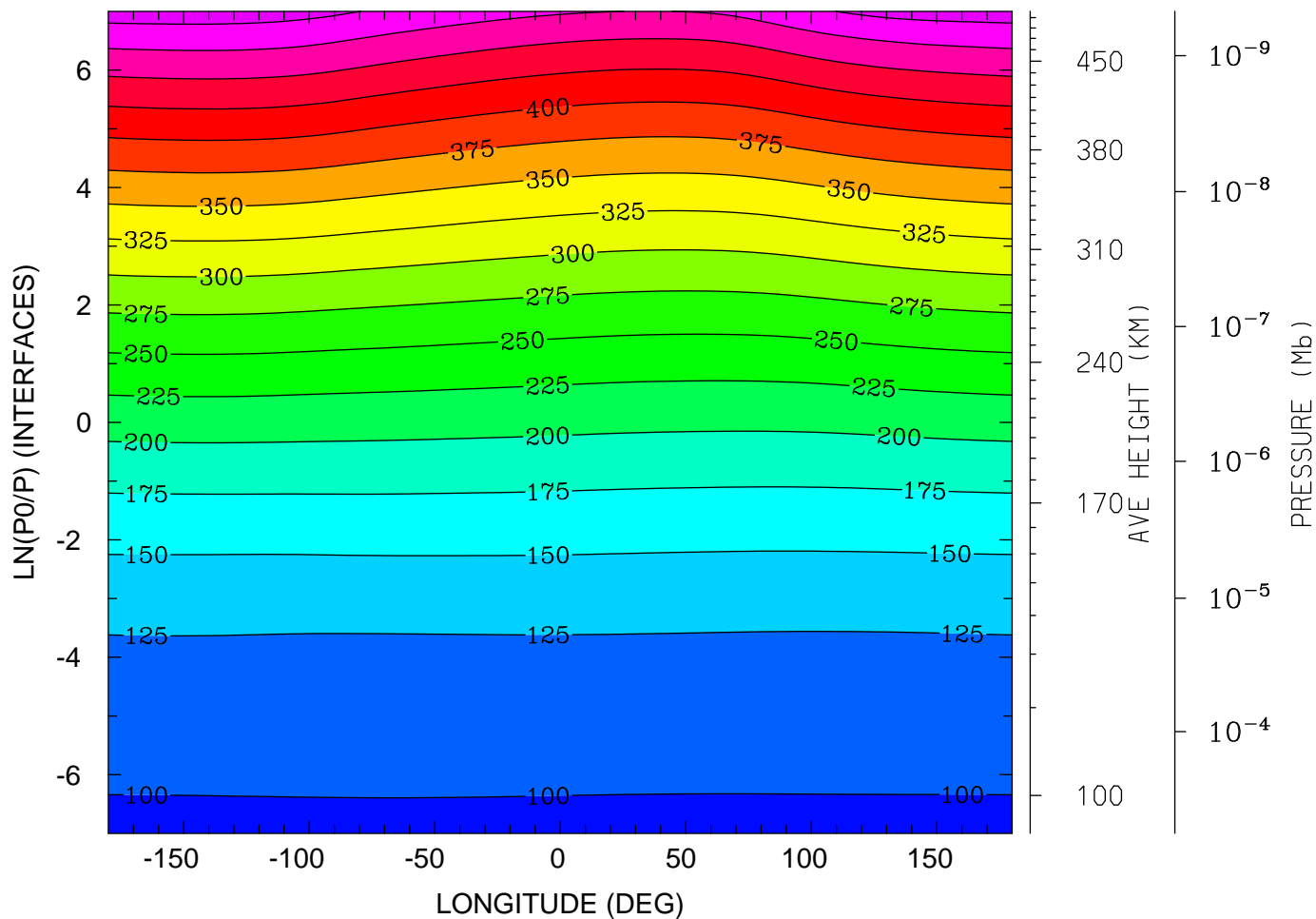
GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 37.50 (DEG)



MIN,MAX= 9.6147E+01 5.1594E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

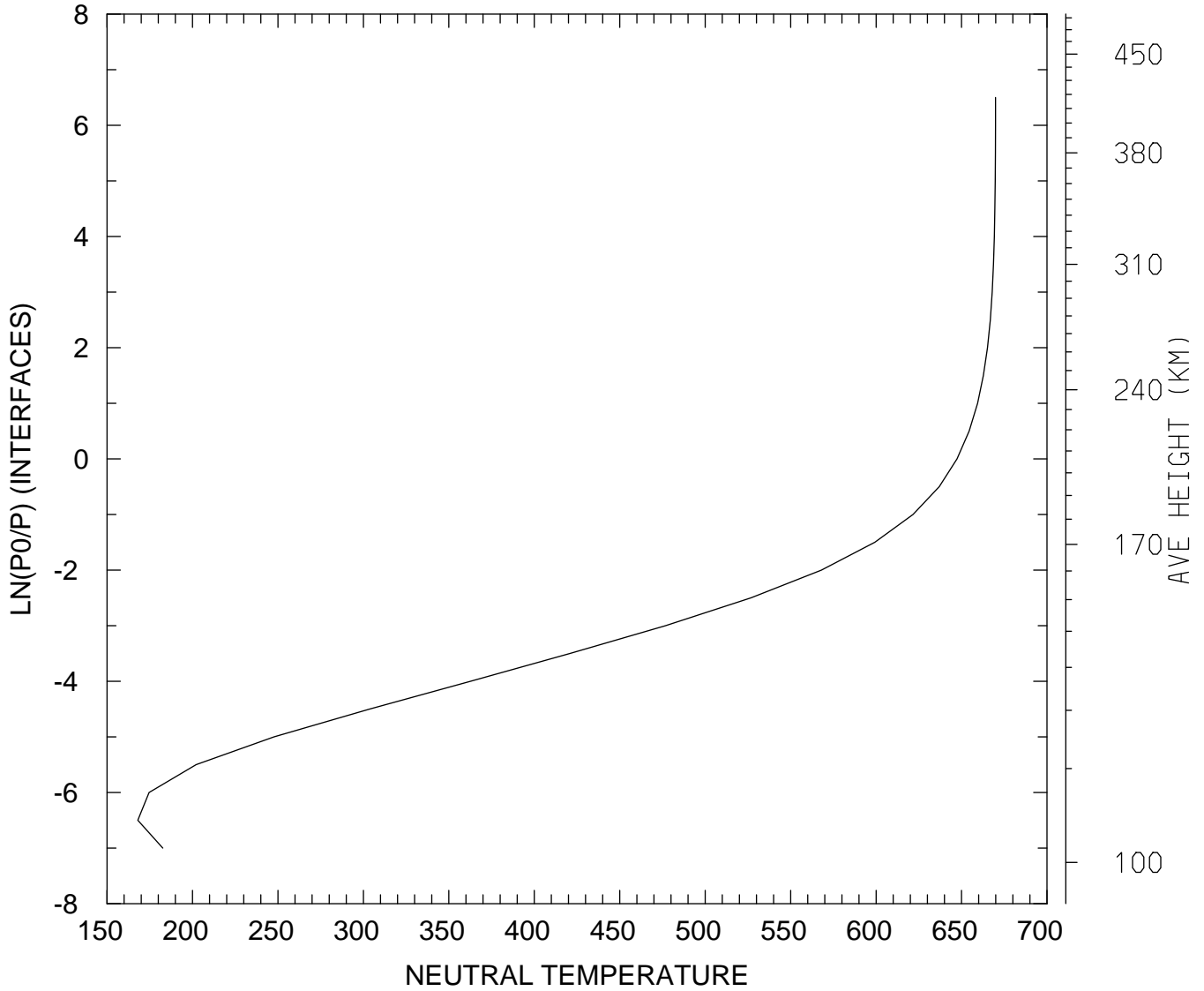


GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 57.50 (DEG)



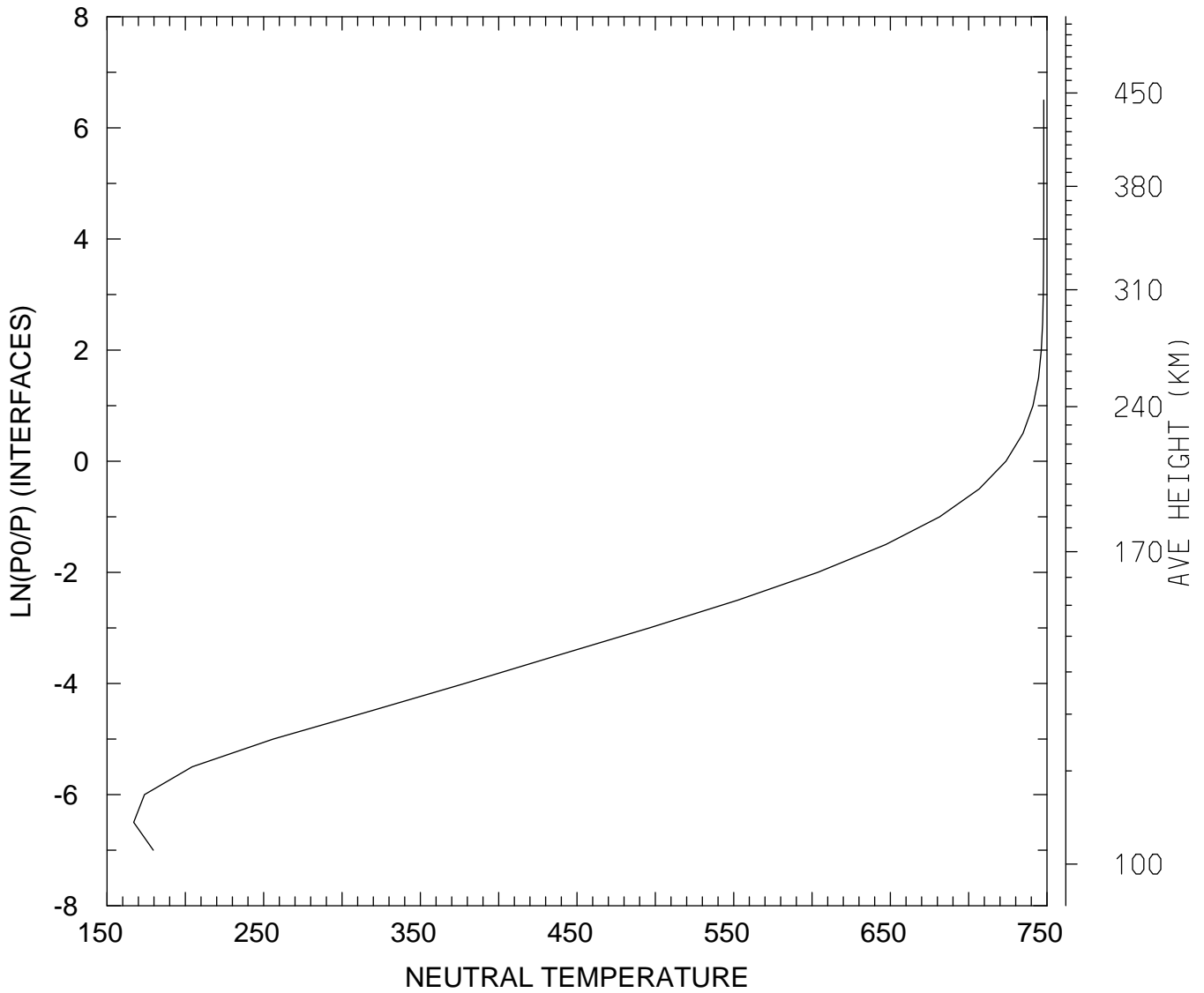
MIN,MAX= 9.6214E+01 5.1258E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



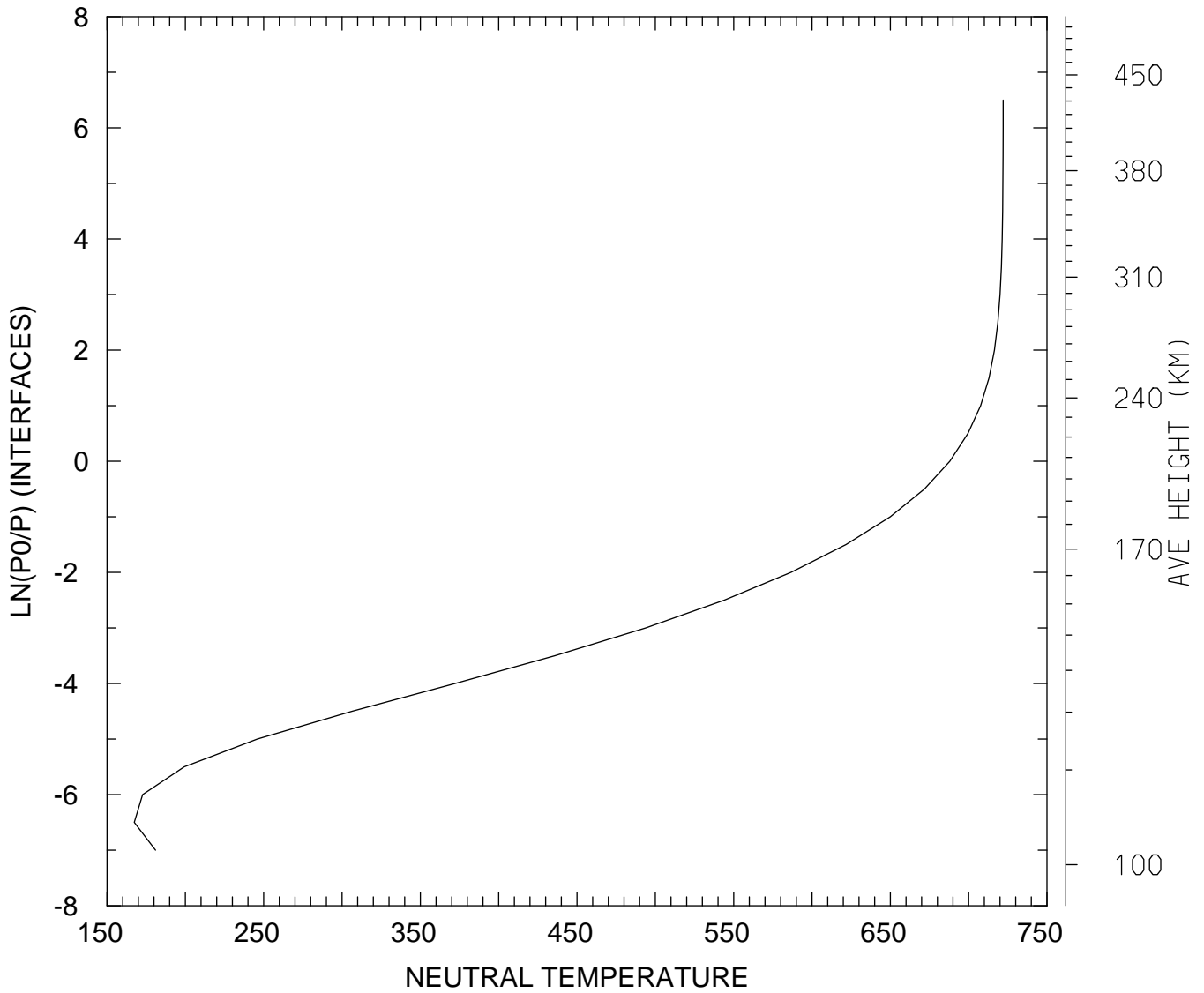
MIN,MAX= 1.6800E+02 6.6989E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



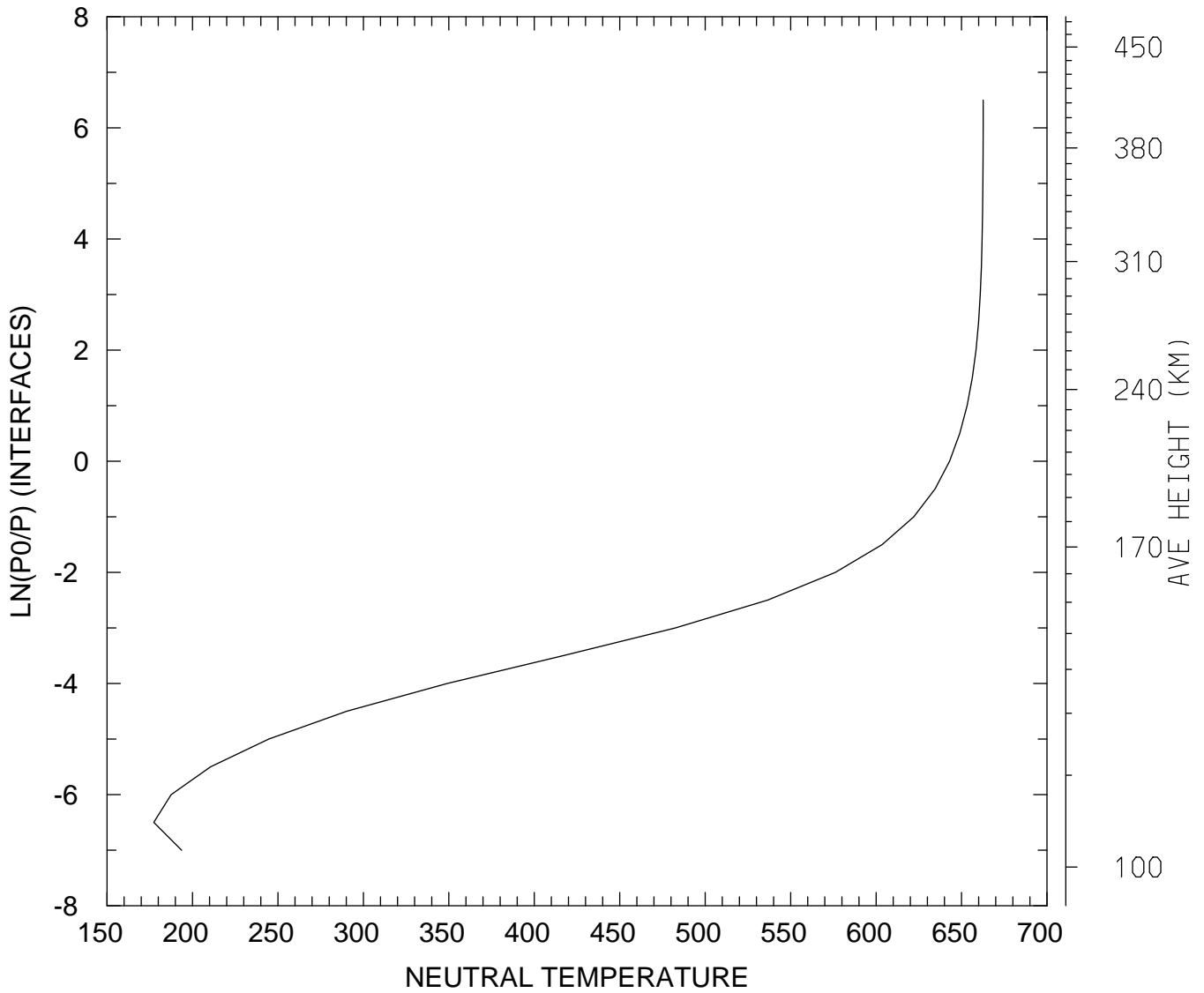
MIN,MAX= 1.6702E+02 7.4792E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



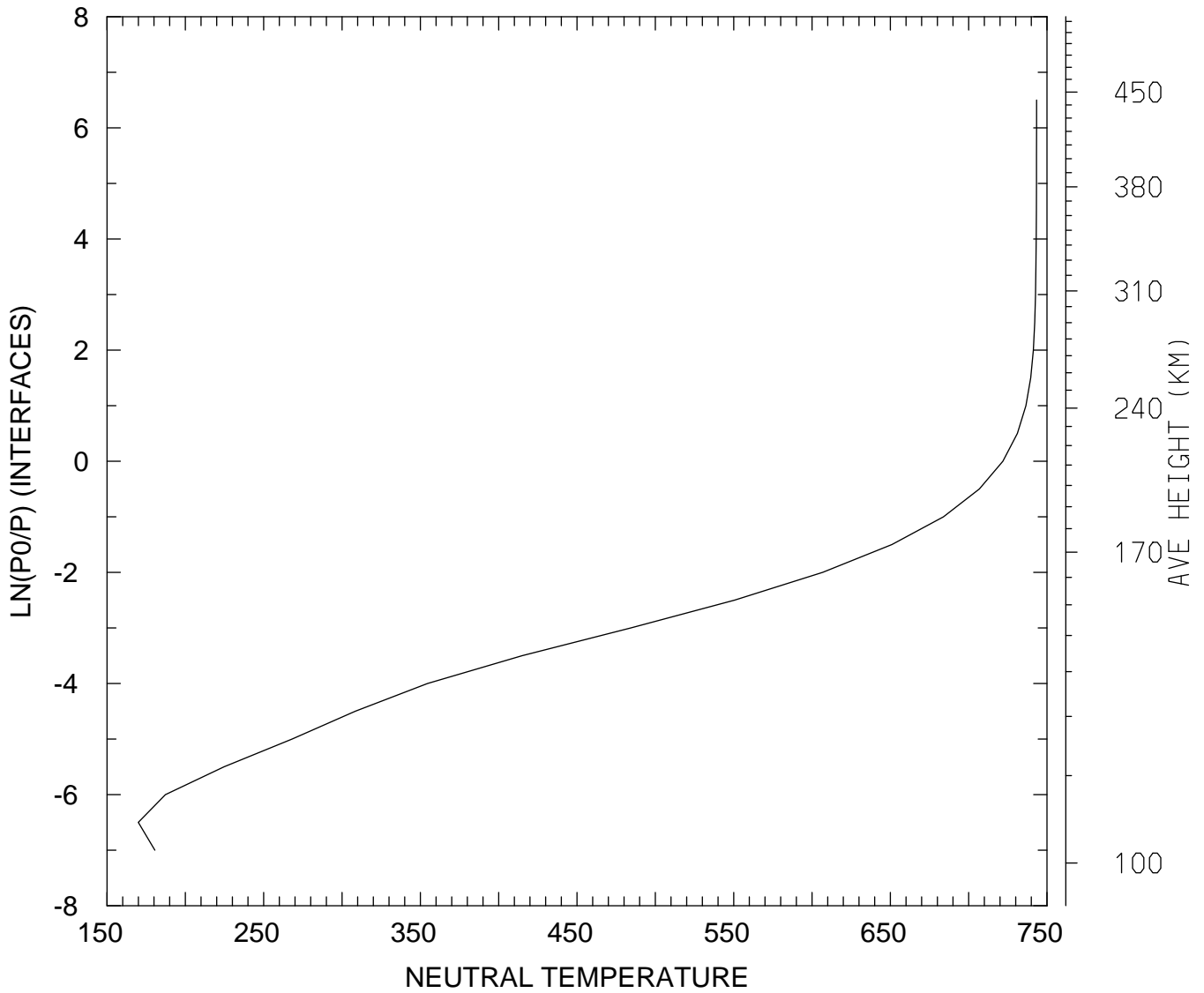
MIN,MAX= 1.6743E+02 7.2203E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



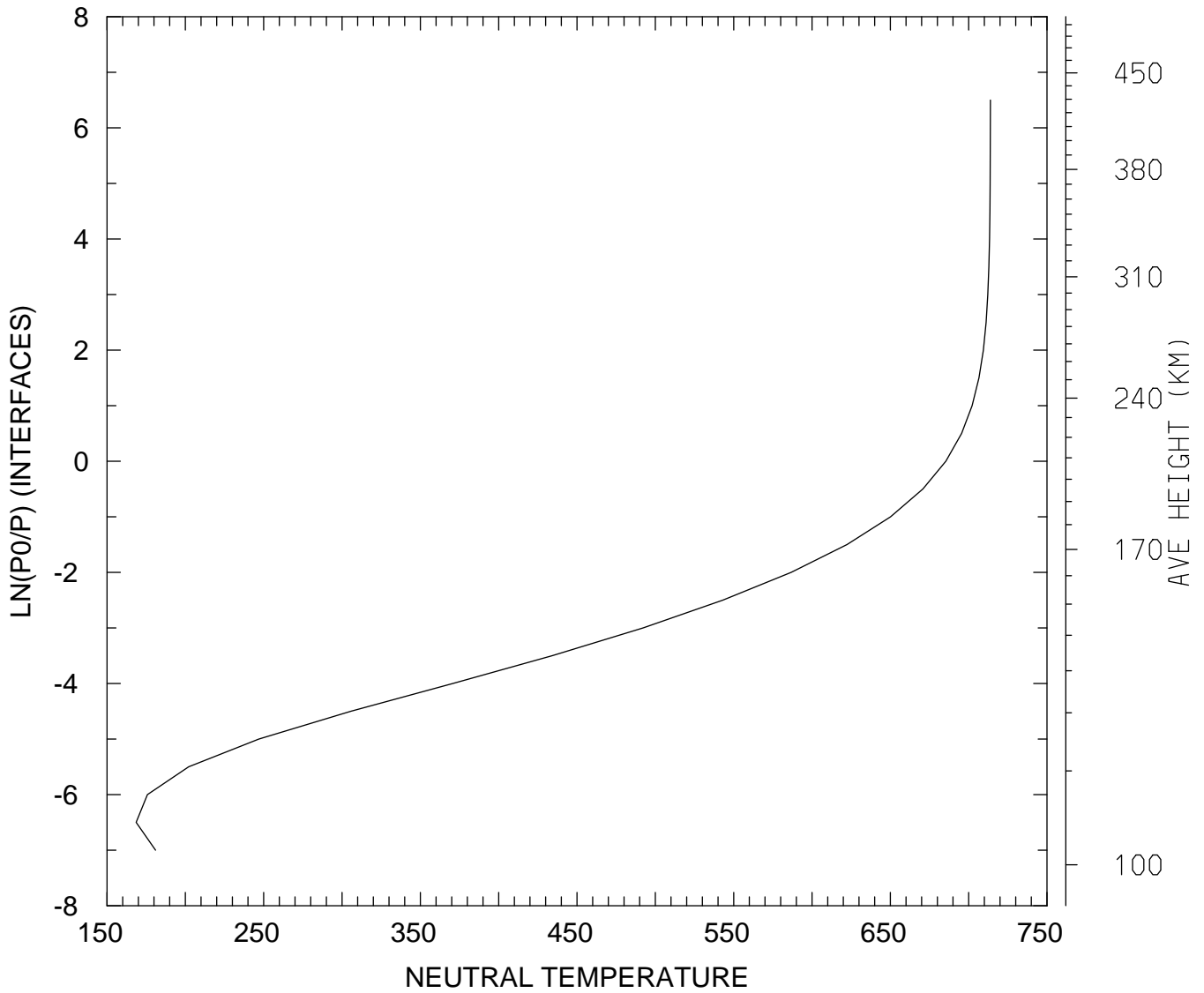
MIN,MAX= 1.7735E+02 6.6266E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



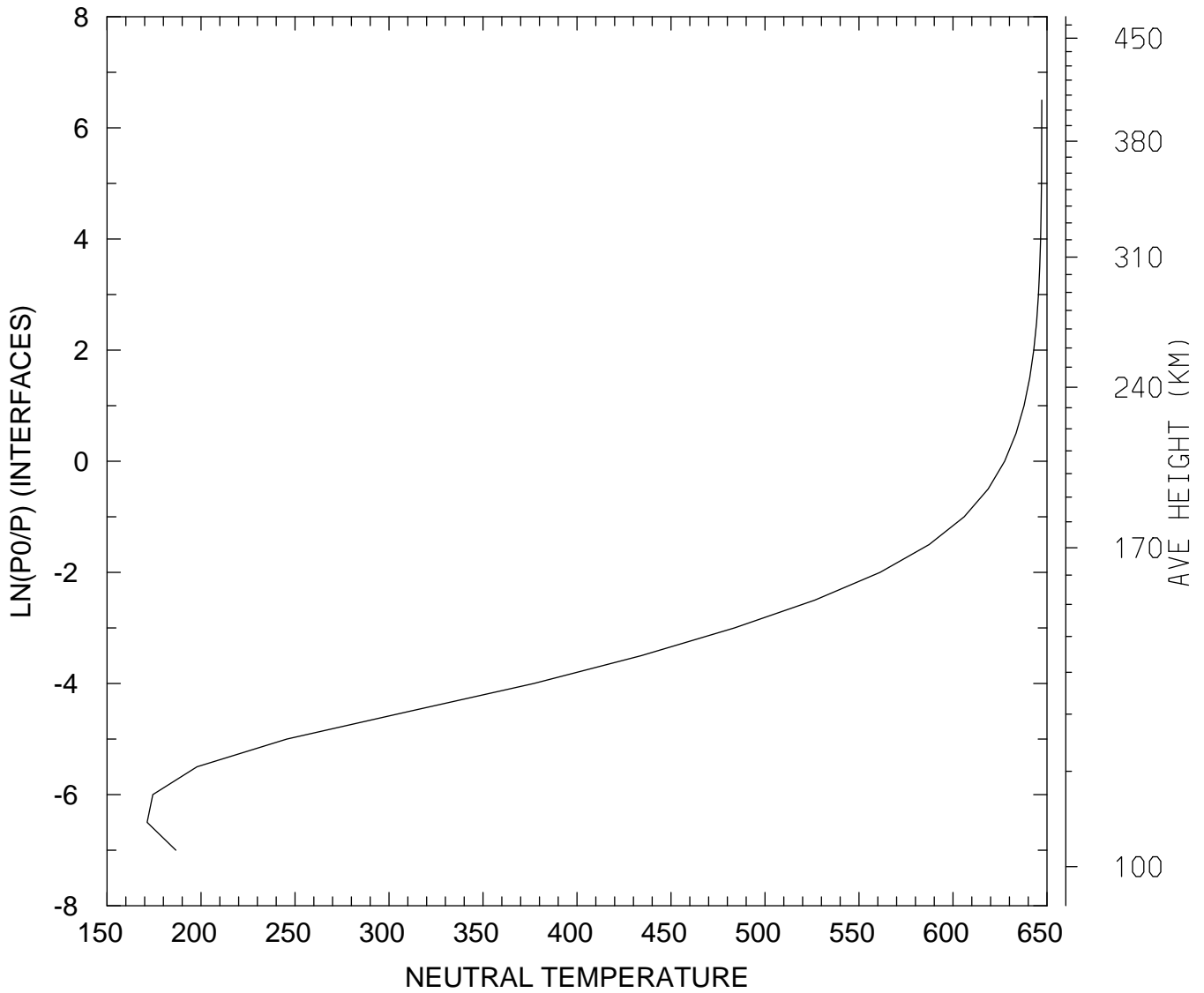
MIN,MAX= 1.6997E+02 7.4334E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



MIN,MAX= 1.6857E+02 7.1386E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

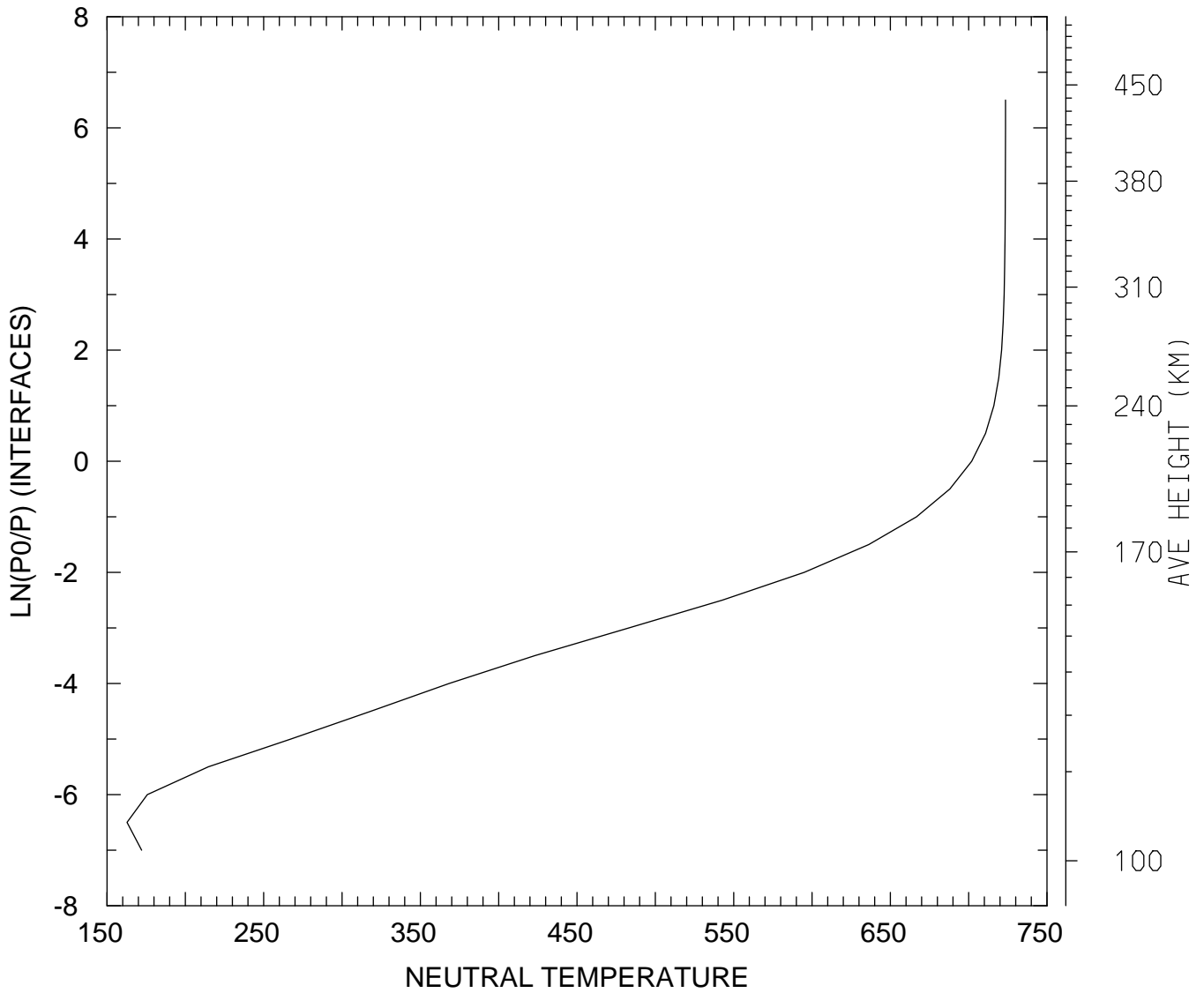
NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



MIN,MAX= 1.7133E+02 6.4721E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

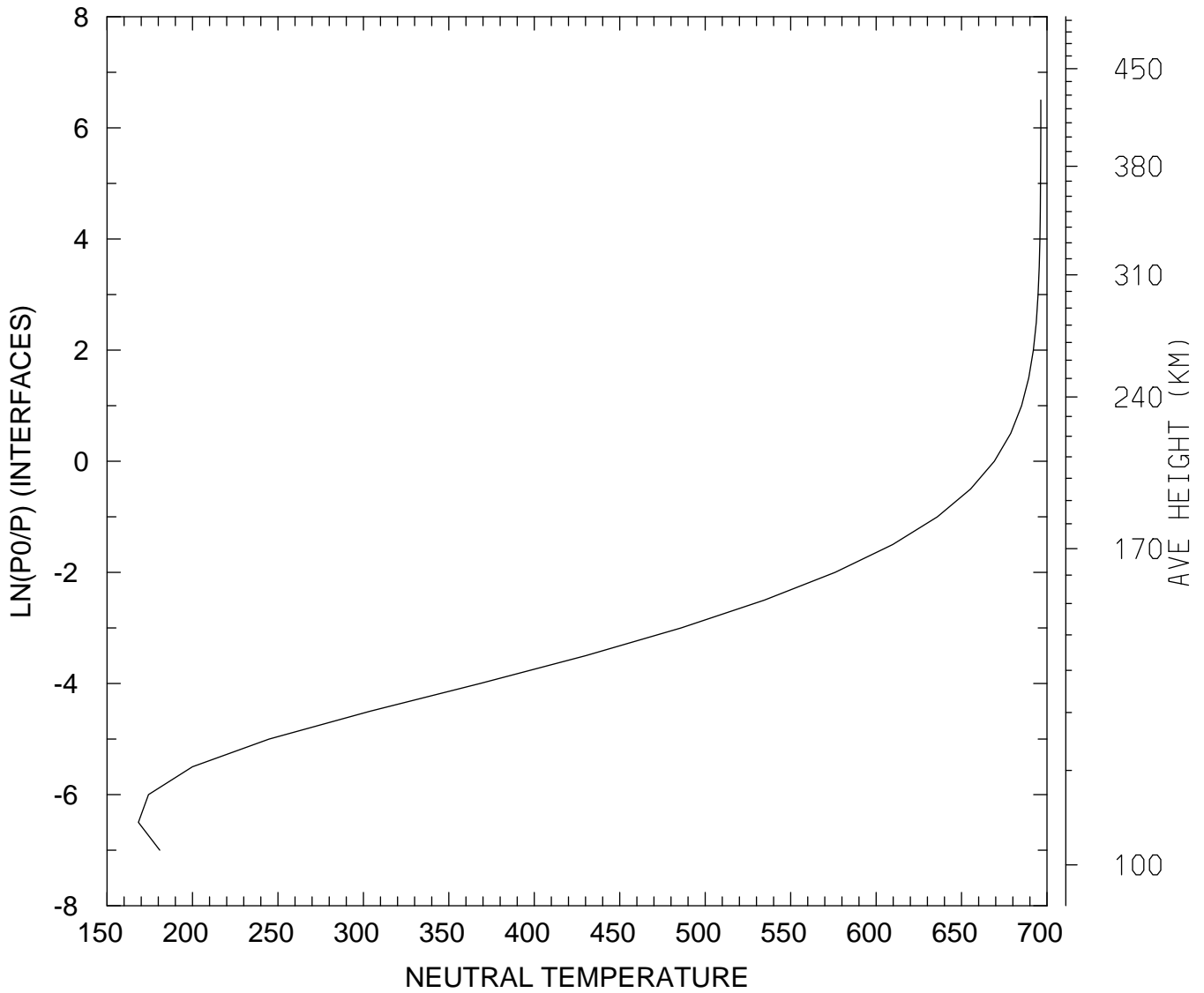


NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



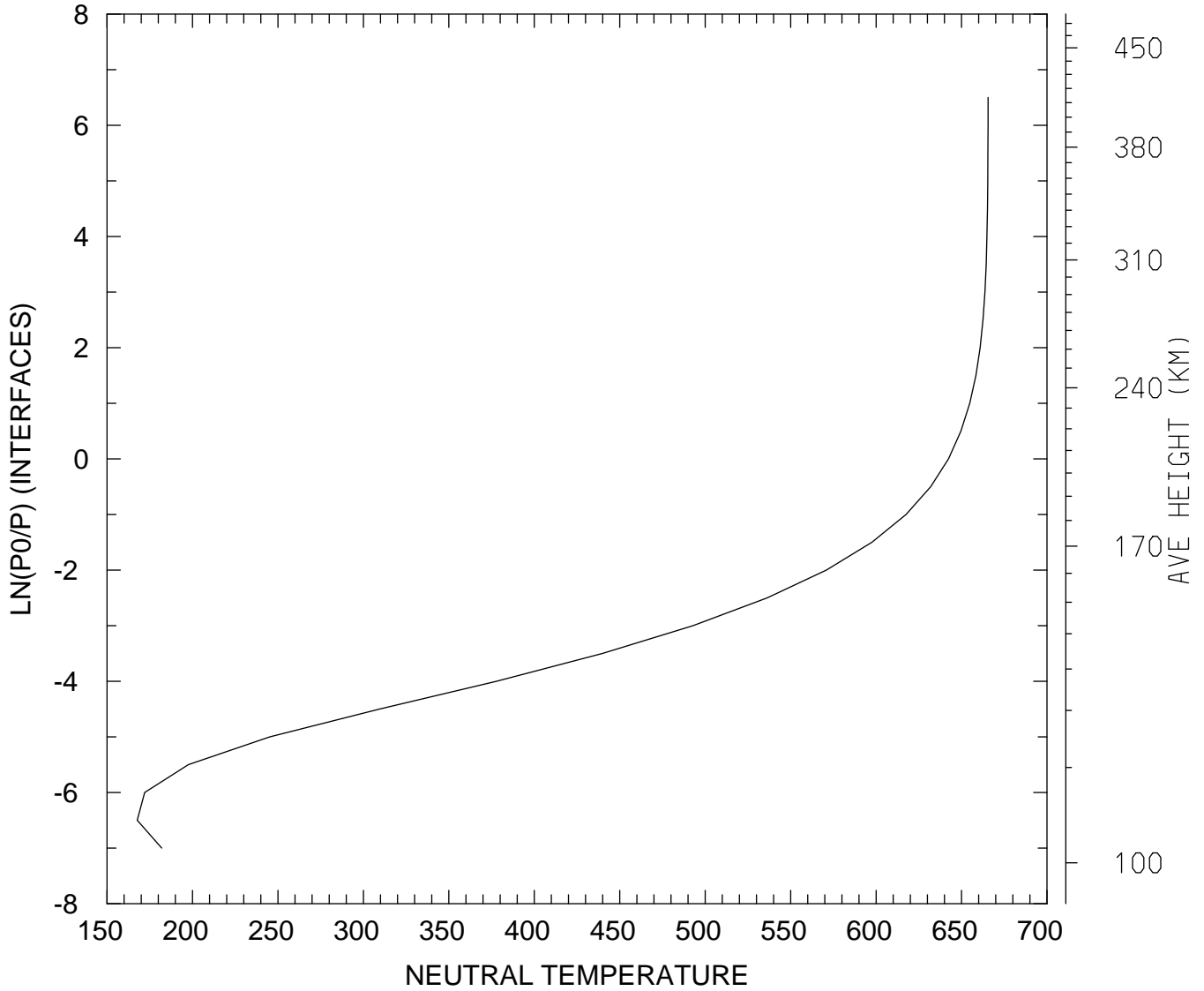
MIN,MAX= 1.6278E+02 7.2351E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



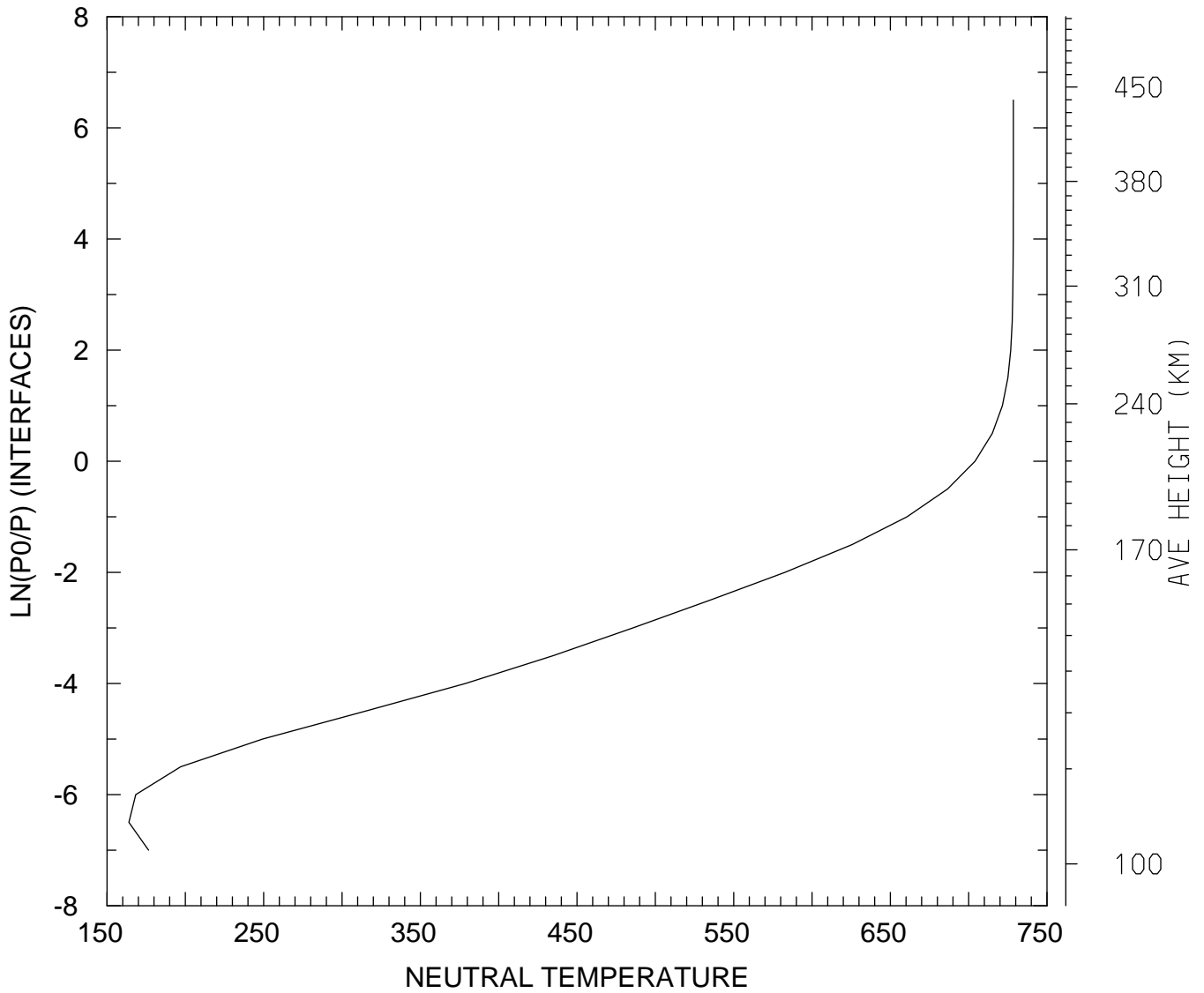
MIN,MAX= 1.6834E+02 6.9638E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



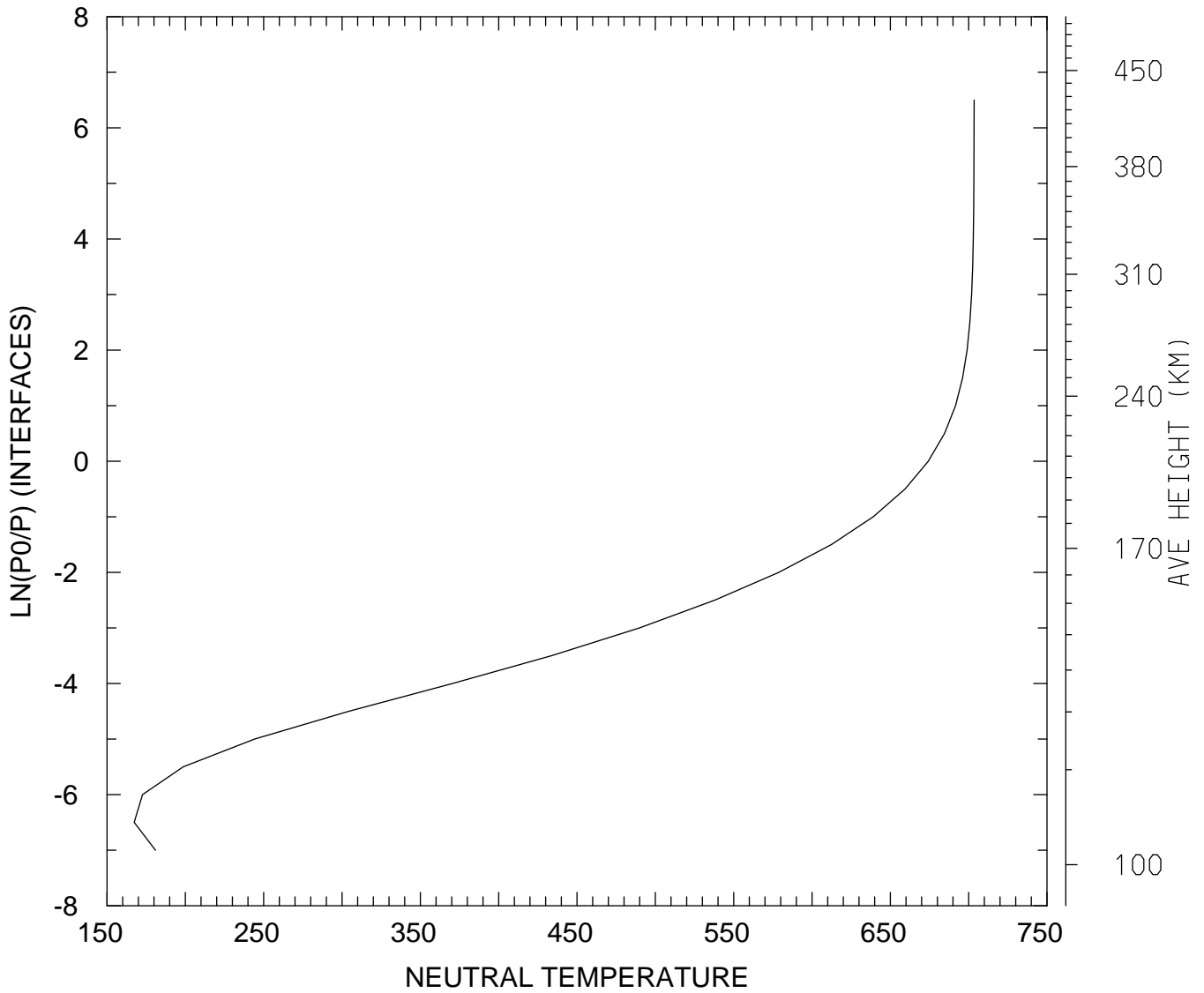
MIN,MAX= 1.6769E+02 6.6551E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



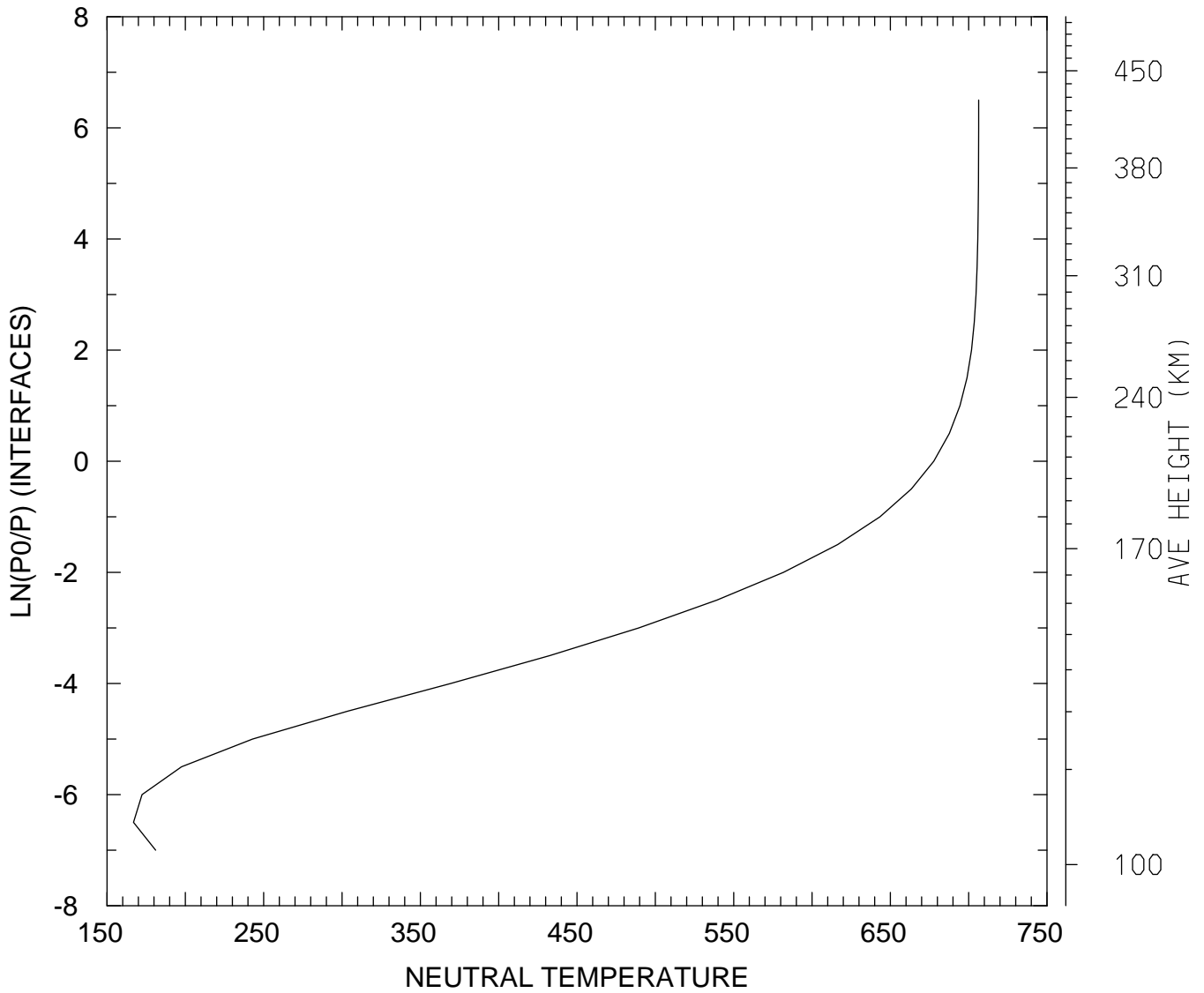
MIN,MAX= 1.6396E+02 7.2853E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



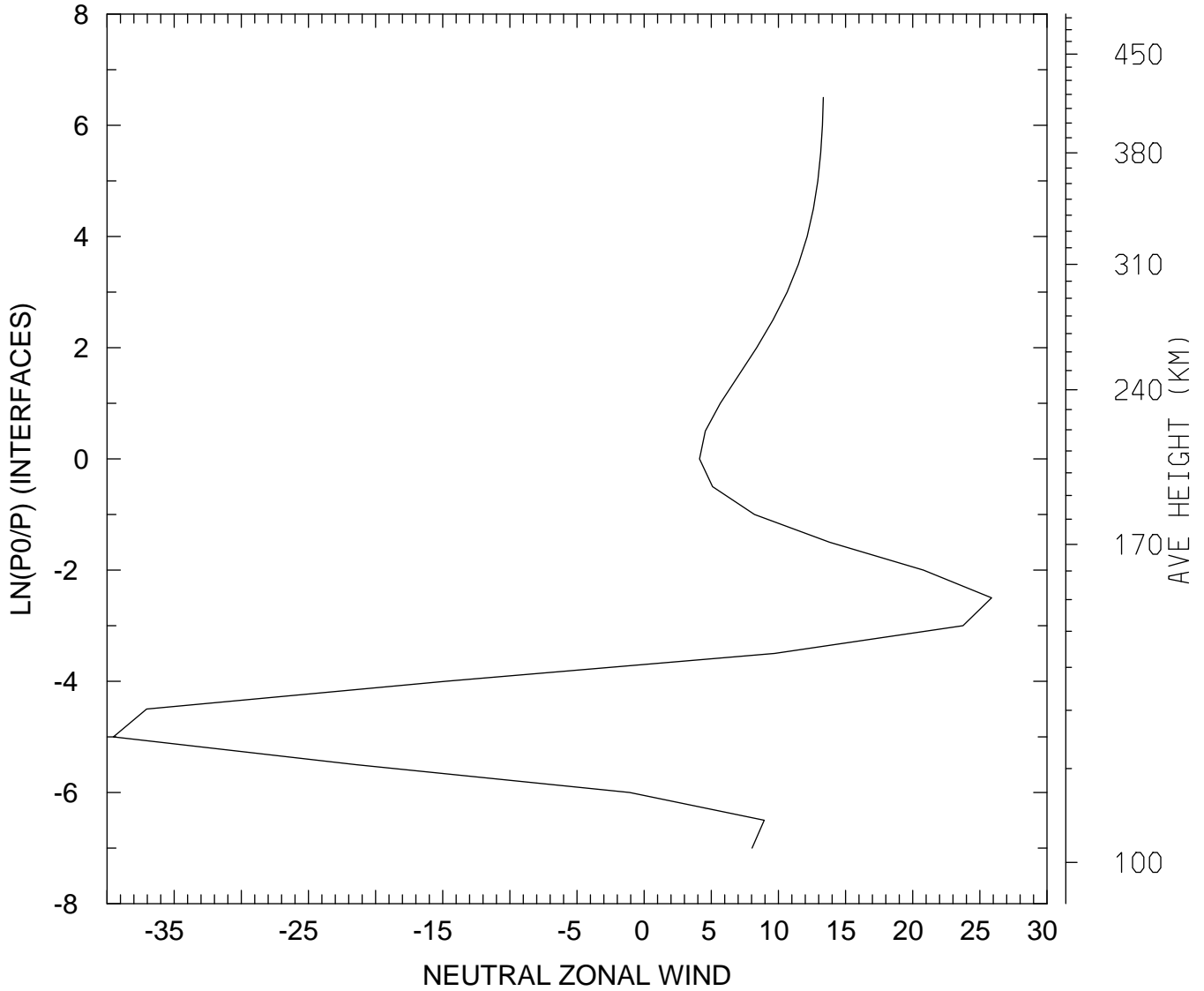
MIN,MAX= 1.6736E+02 7.0346E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 GLOBAL MEANS



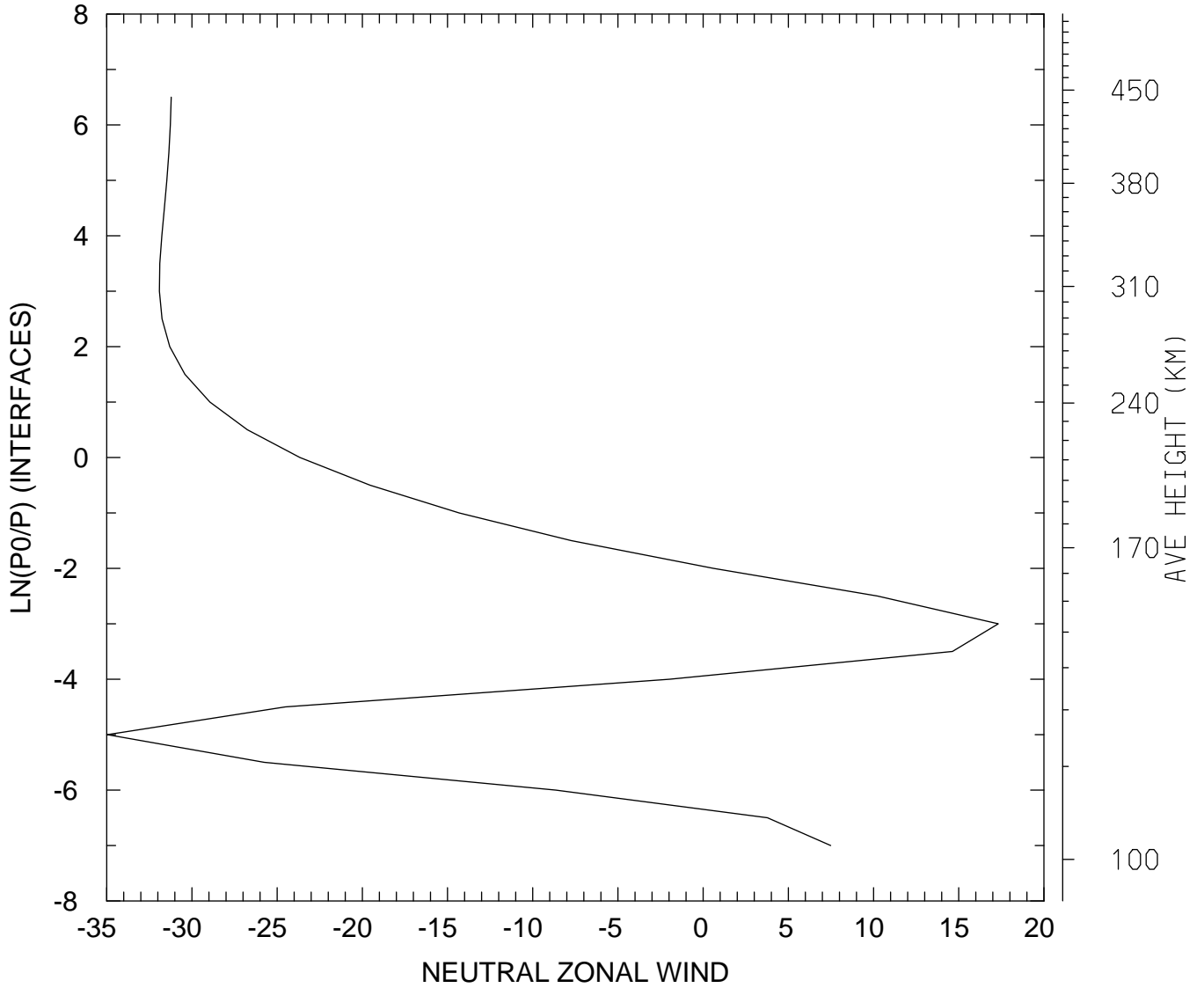
MIN,MAX= 1.6687E+02 7.0640E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS)



MIN,MAX= -3.9526E+01 2.5875E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

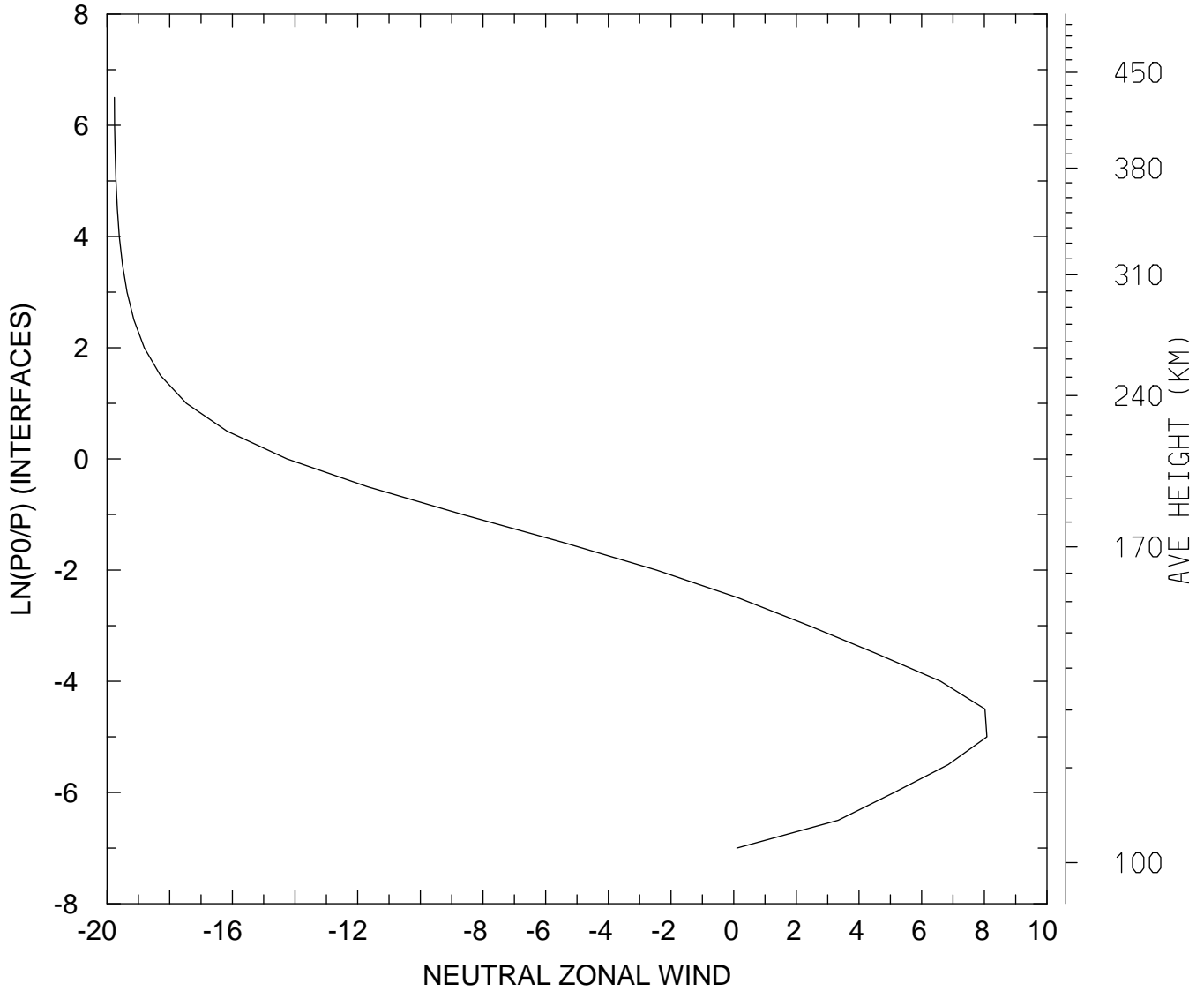
NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



MIN,MAX= -3.4966E+01 1.7323E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

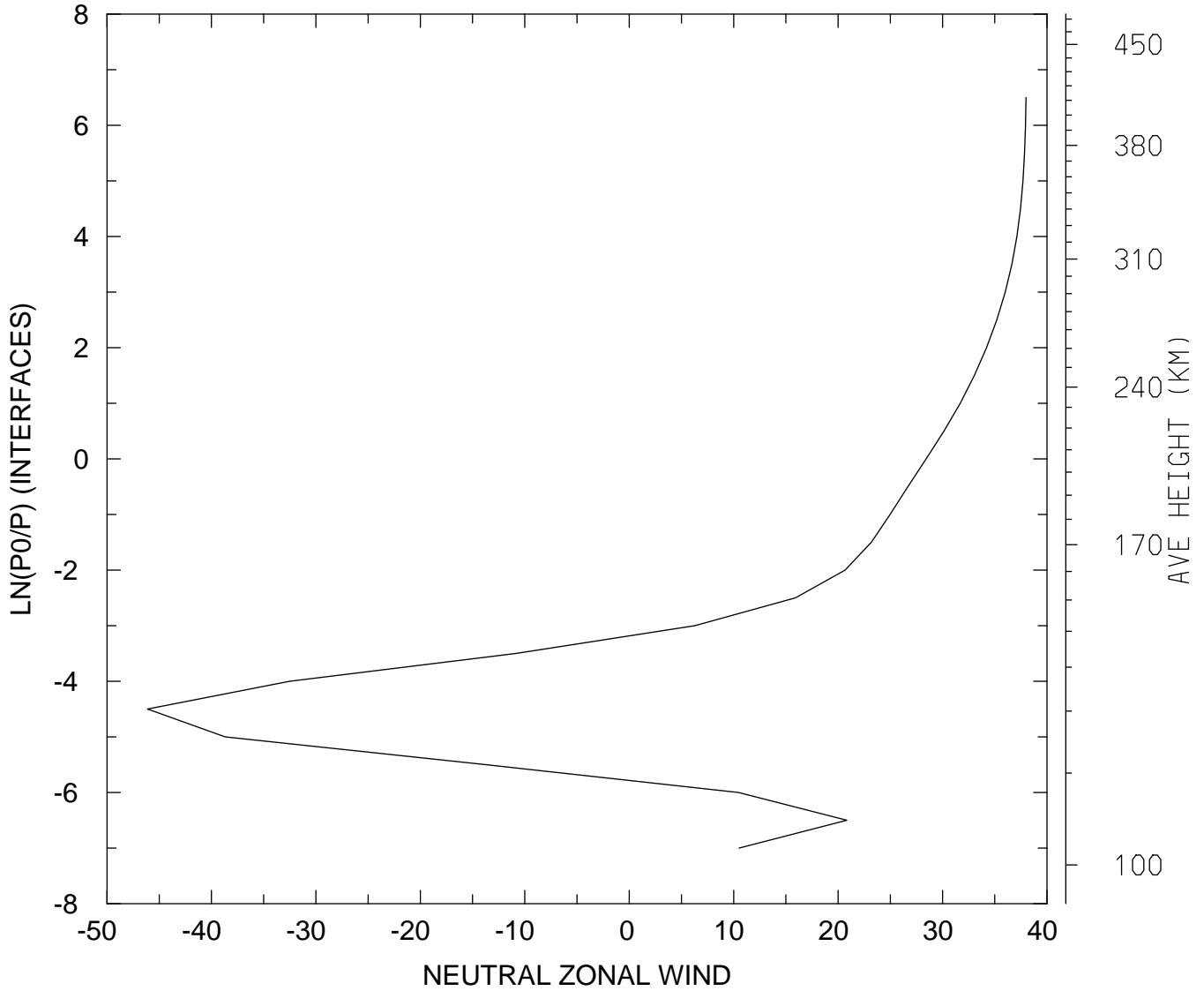


NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



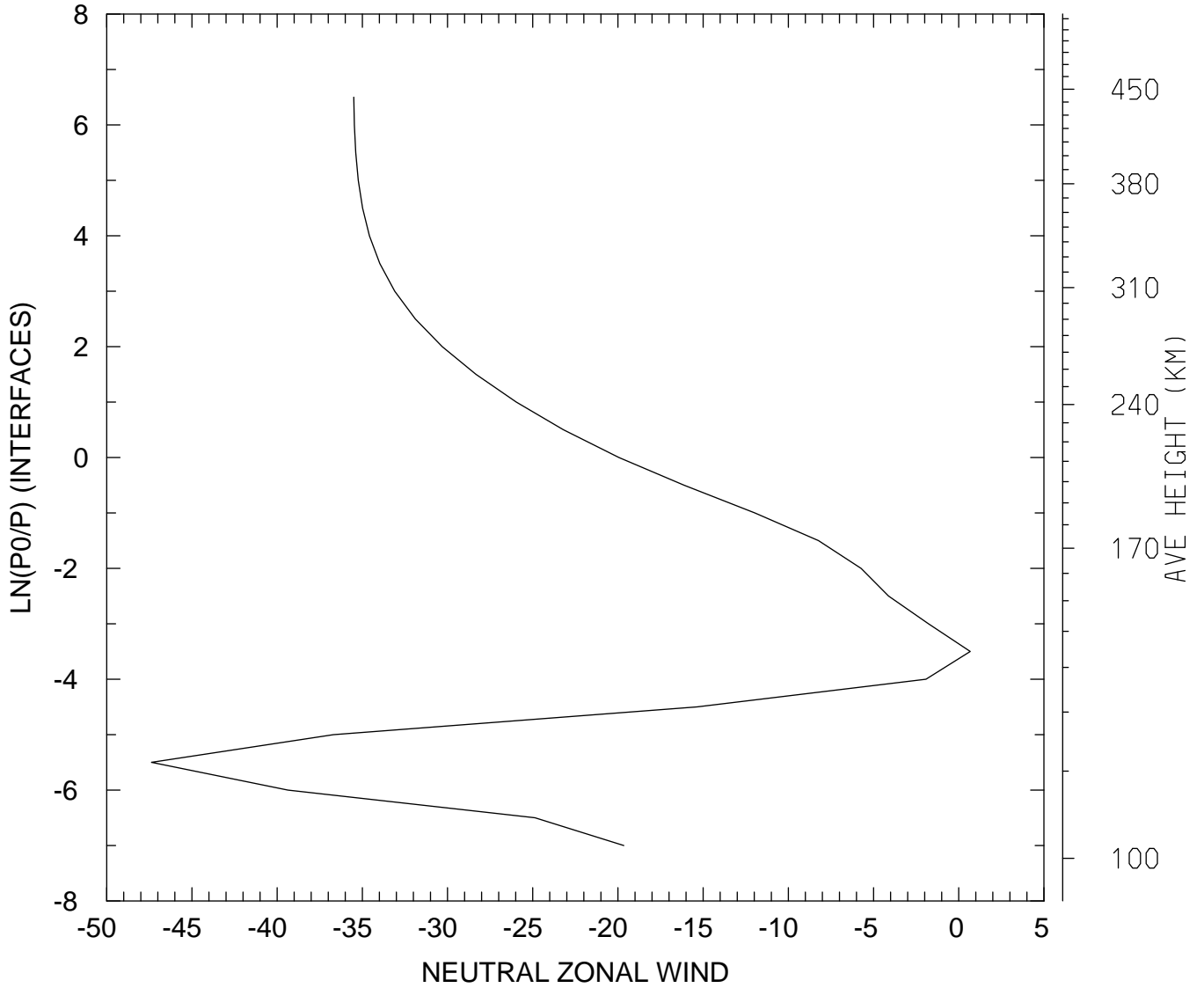
MIN,MAX= -1.9765E+01 8.0828E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



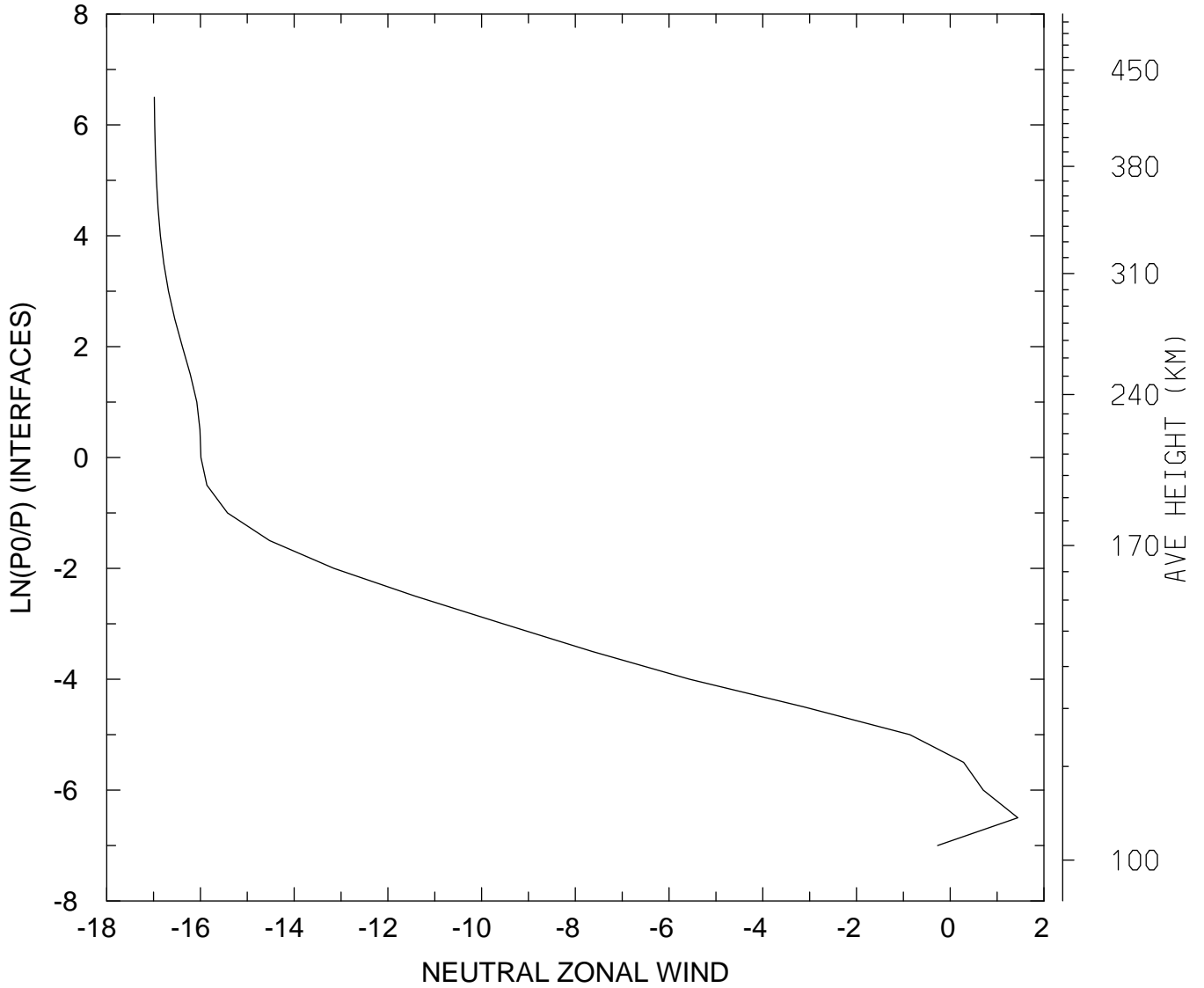
MIN,MAX= -4.6123E+01 3.7987E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



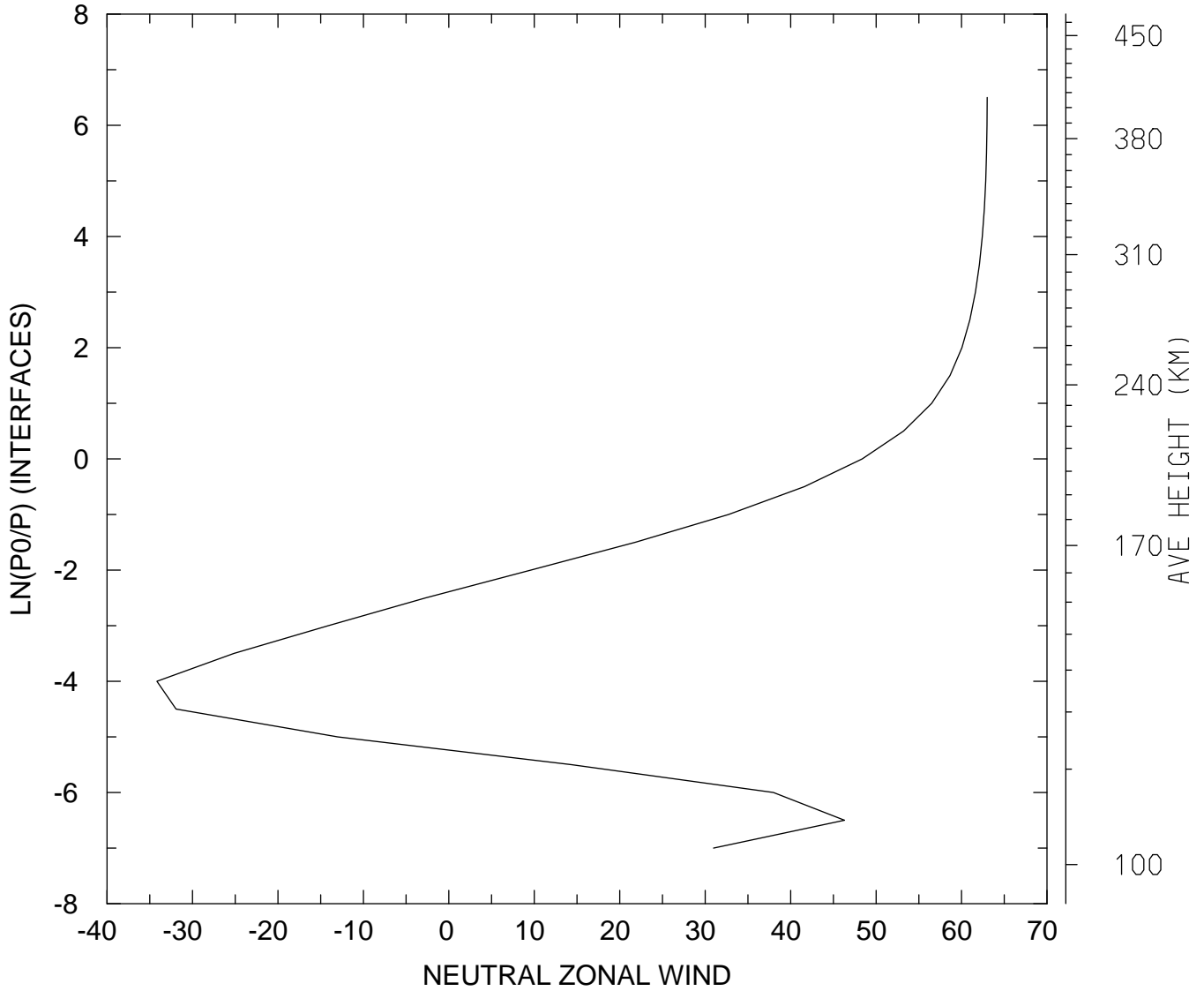
MIN,MAX= -4.7371E+01 6.7408E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



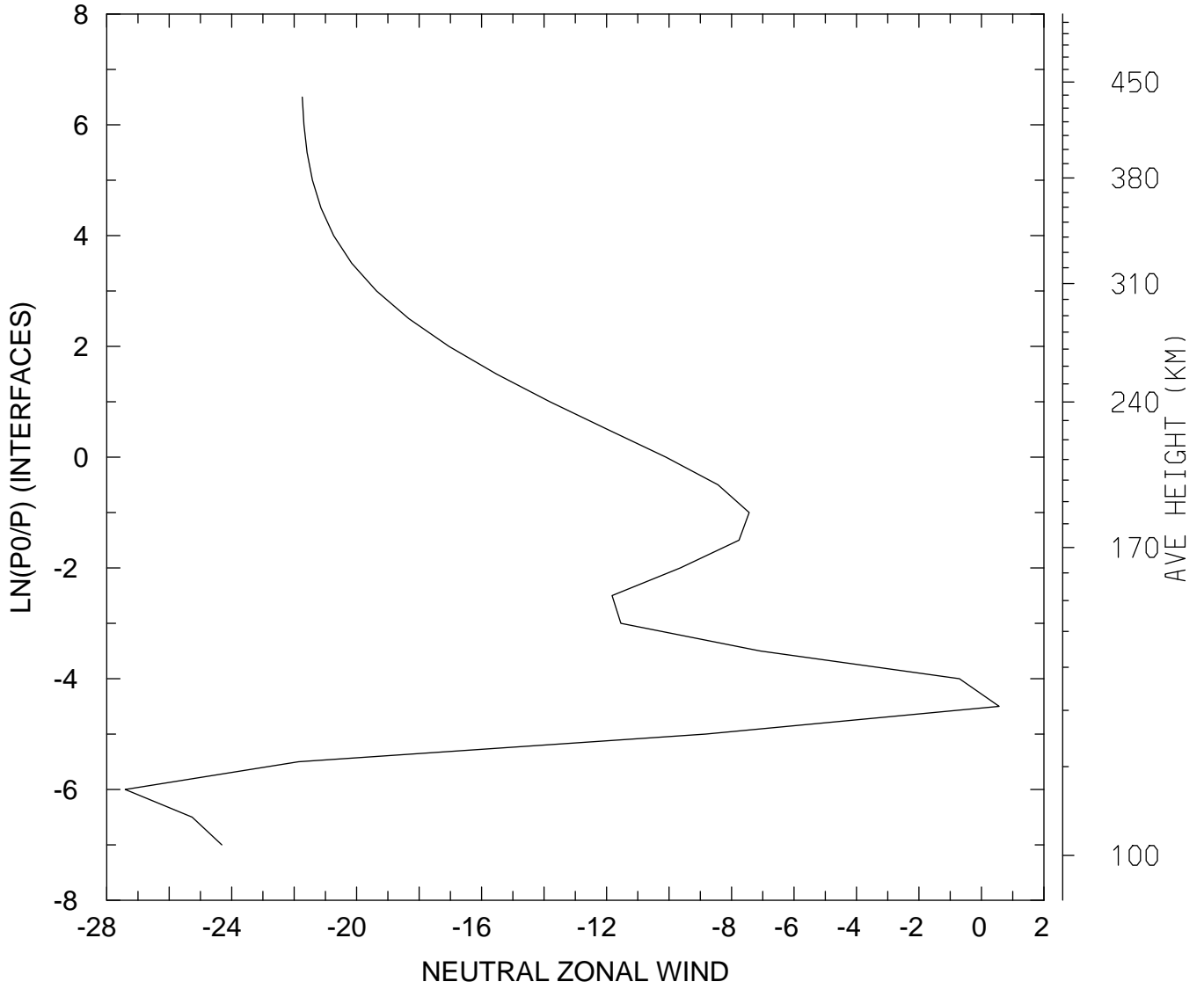
MIN,MAX= -1.6984E+01 1.4430E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS)



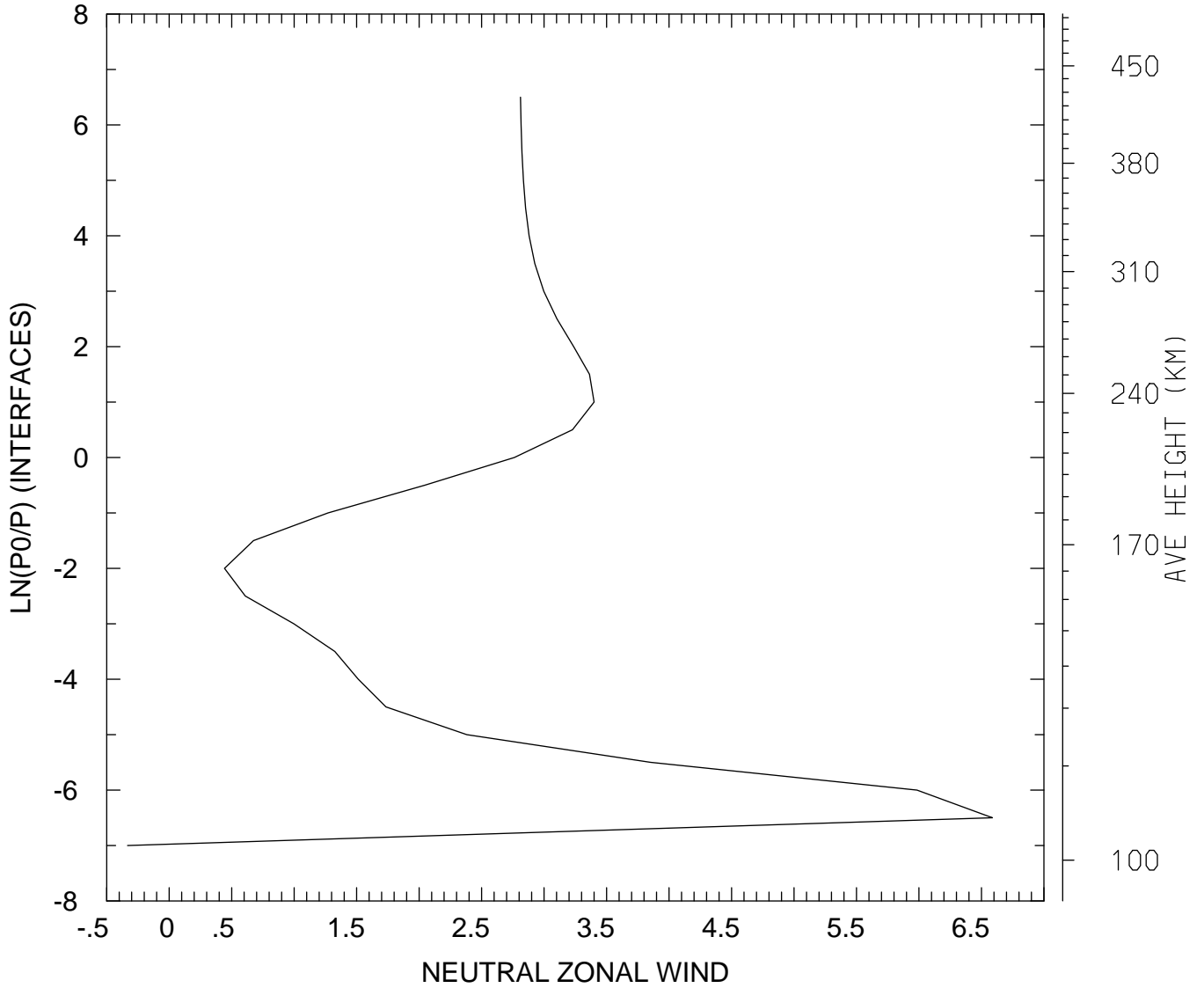
MIN,MAX= -3.4160E+01 6.3005E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



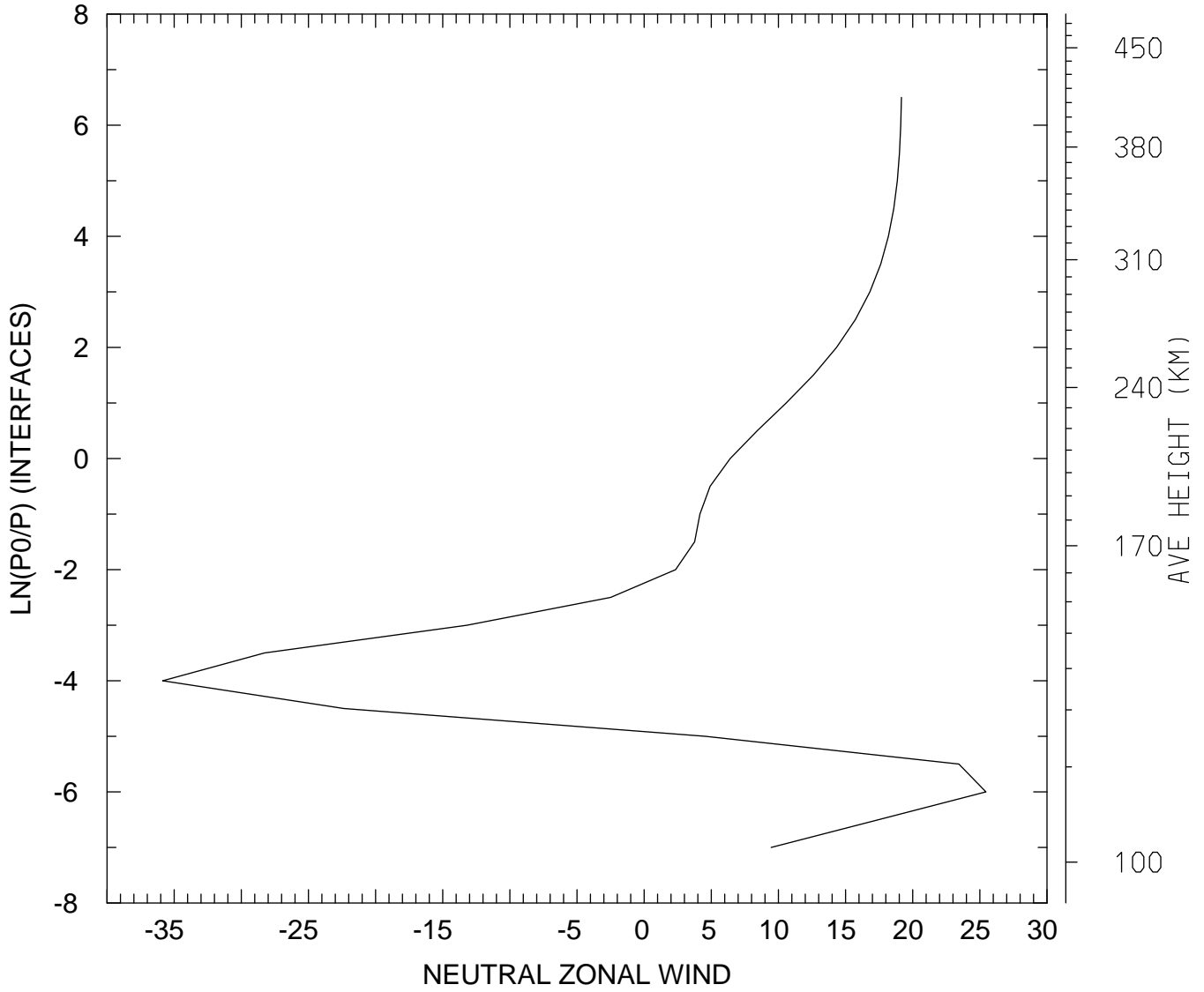
MIN,MAX= -2.7408E+01 5.6620E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



MIN,MAX= -3.3309E-01 6.5879E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

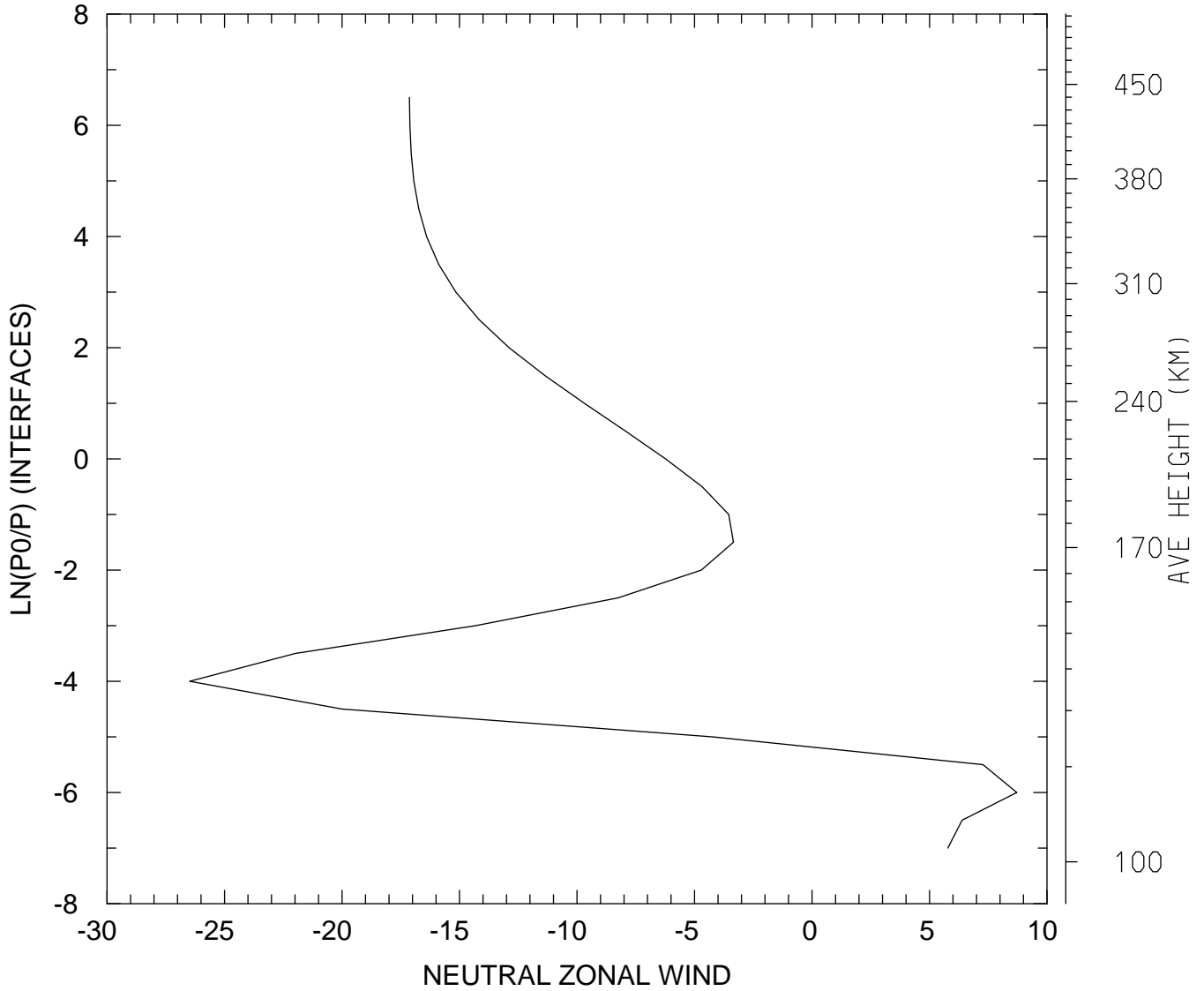
NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS)



MIN,MAX= -3.5858E+01 2.5450E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

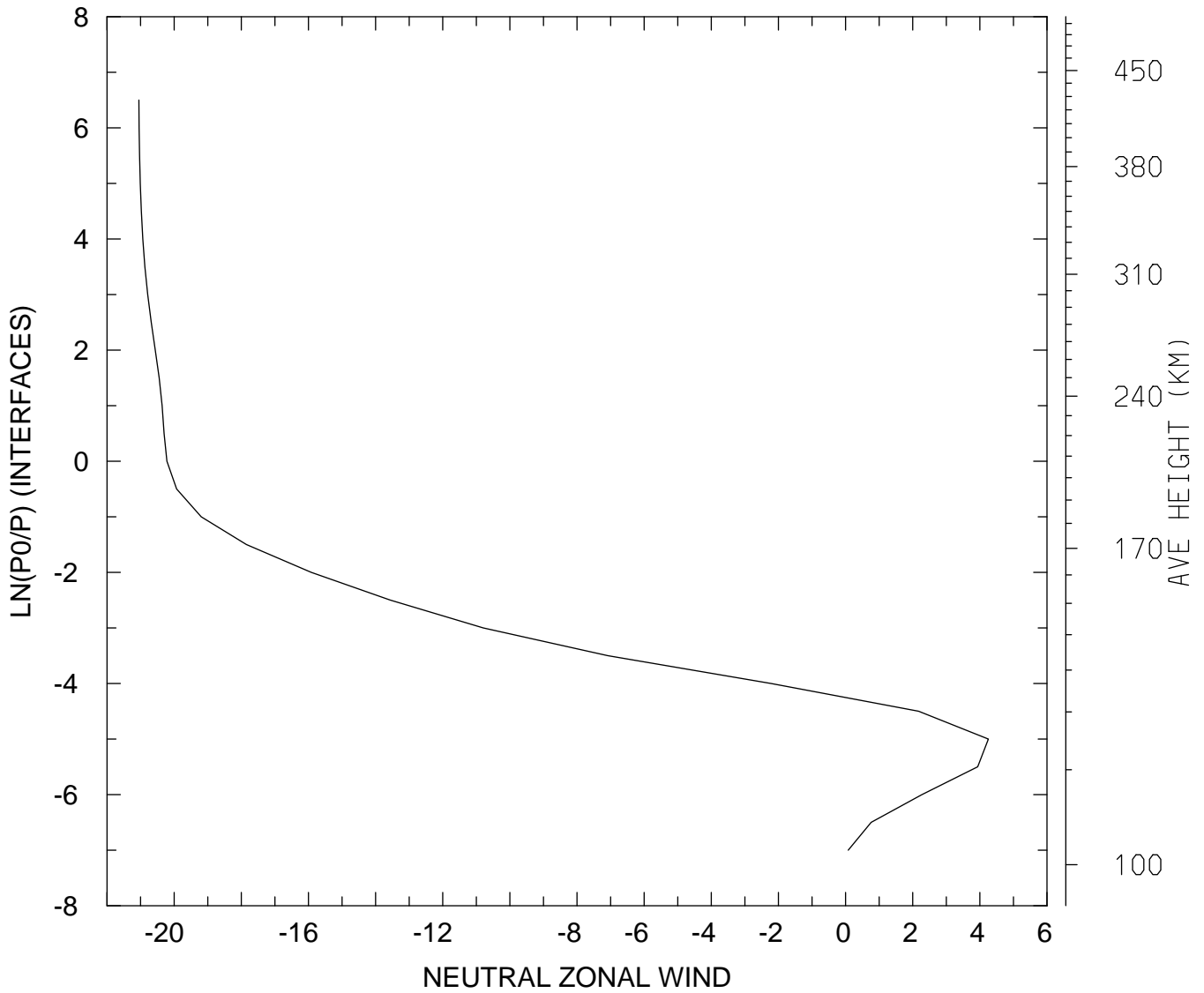


NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



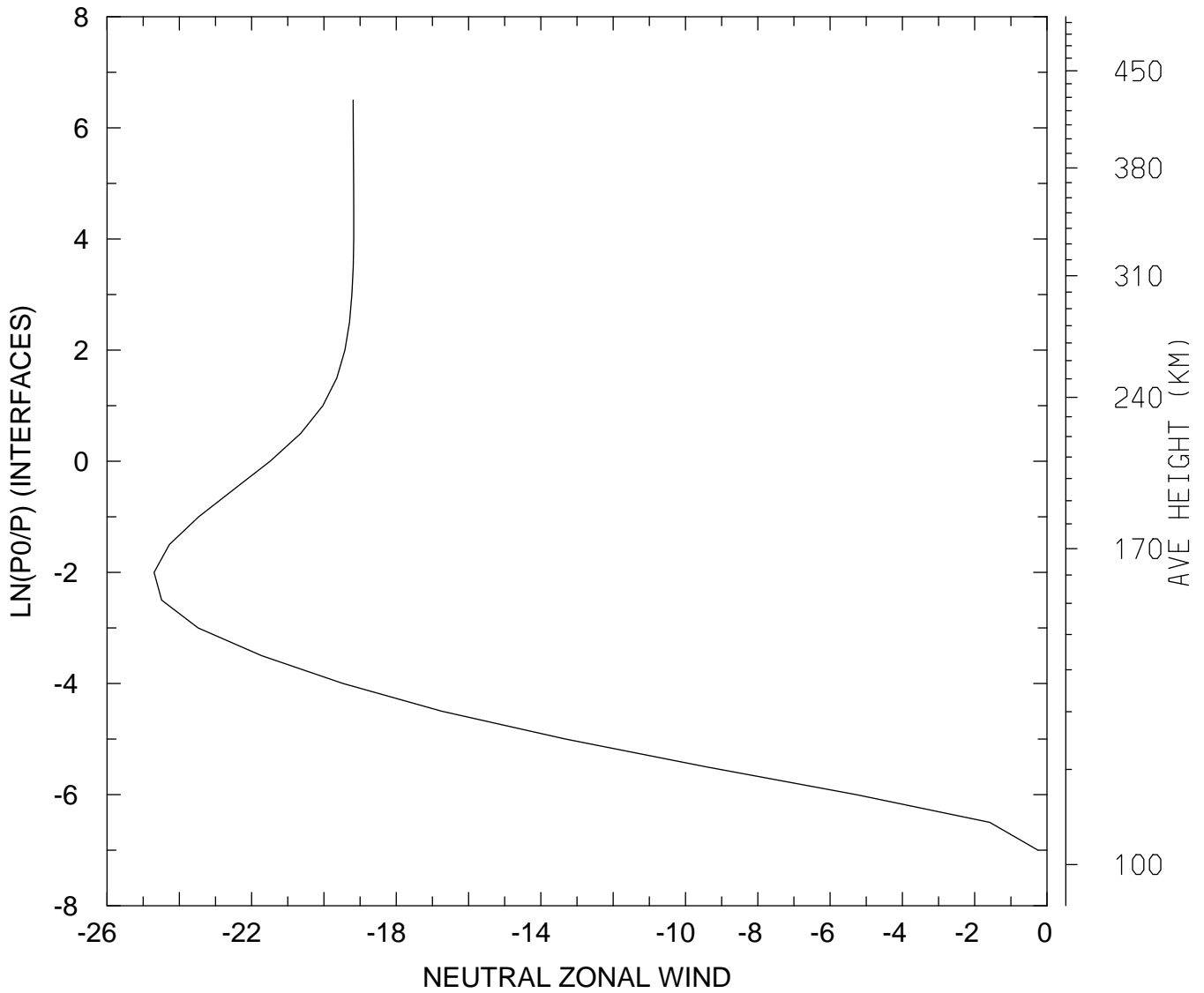
MIN,MAX= -2.6481E+01 8.7130E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



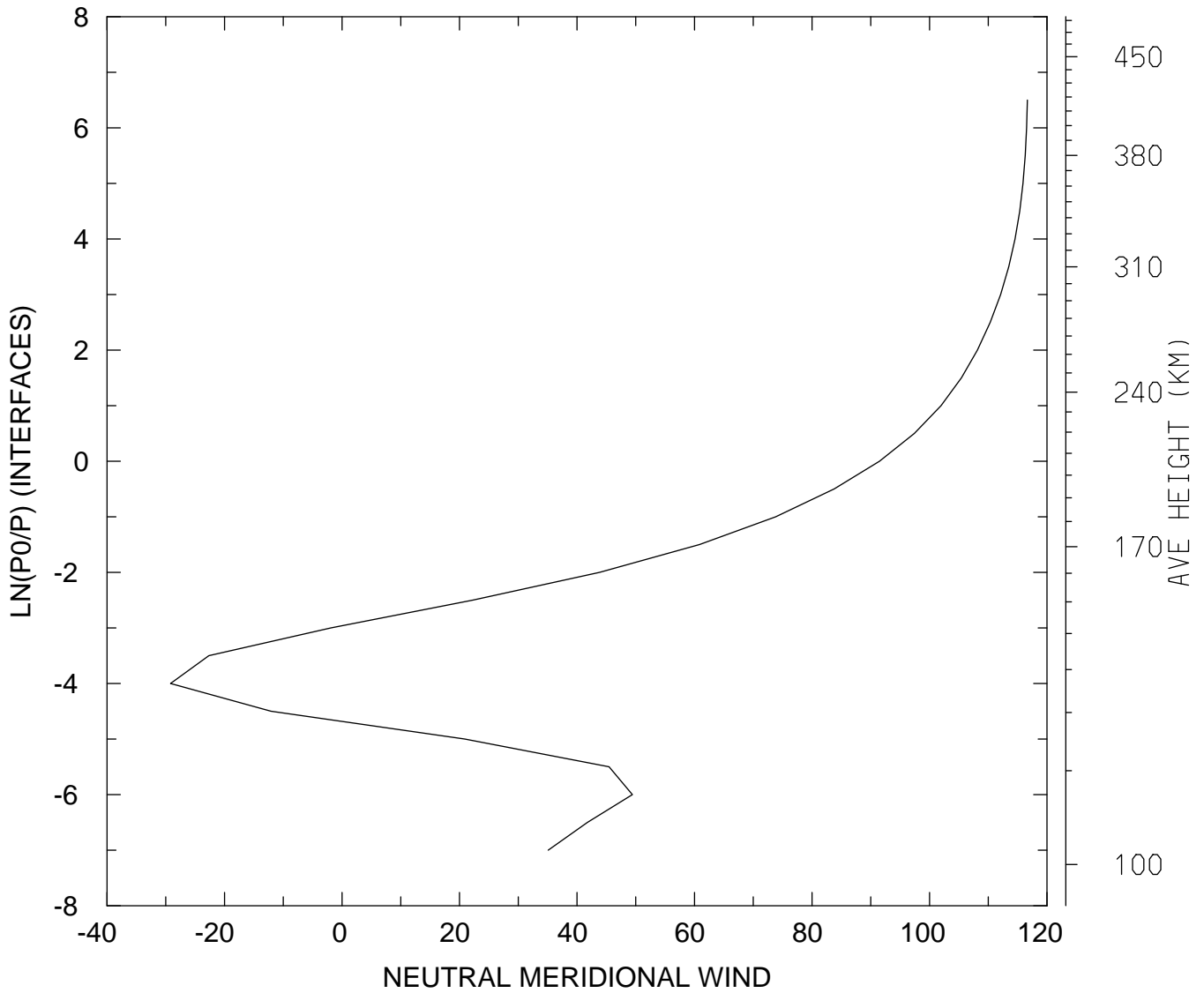
MIN,MAX= -2.1052E+01 4.2550E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 GLOBAL MEANS



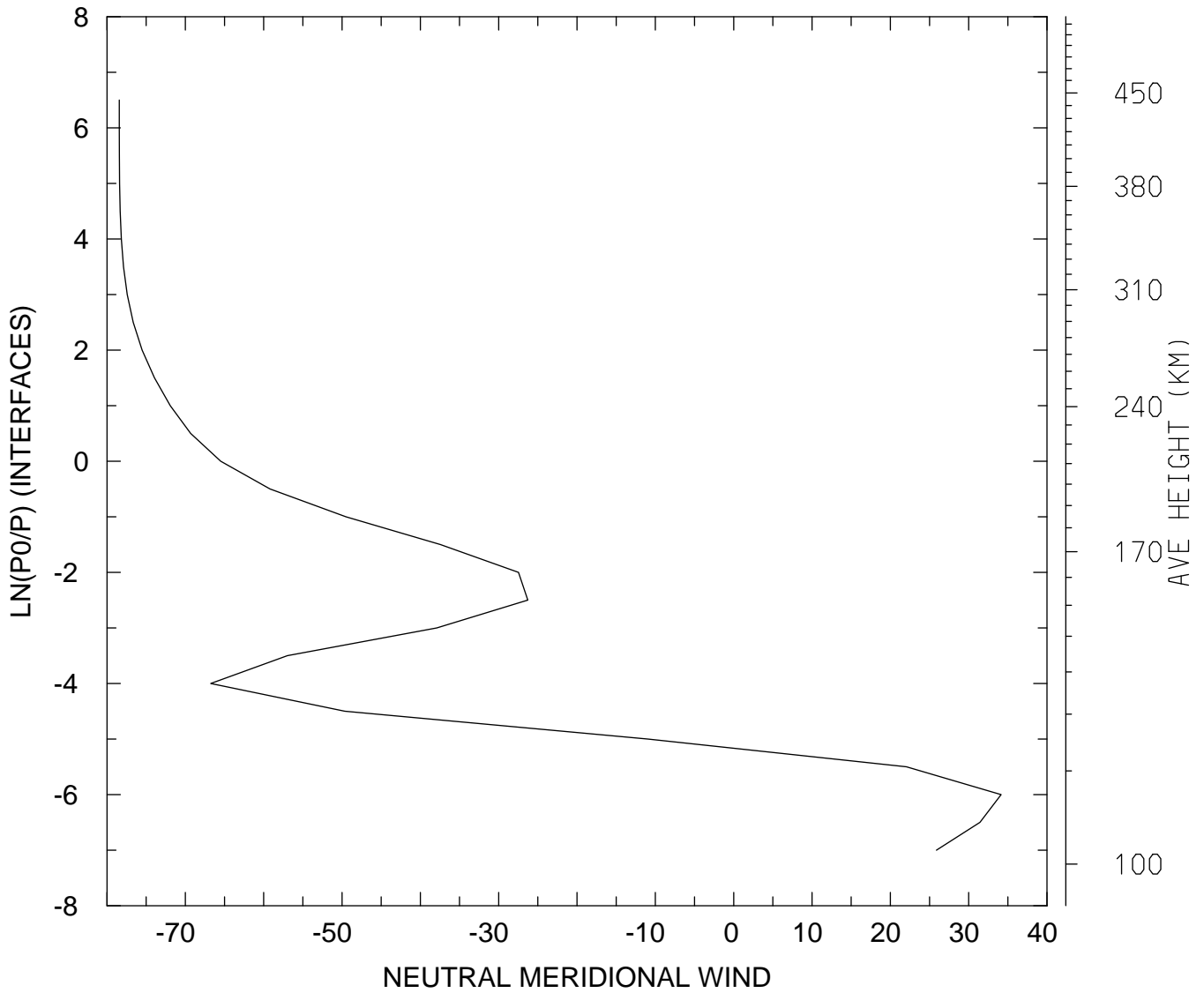
MIN,MAX= -2.4698E+01 -2.4944E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



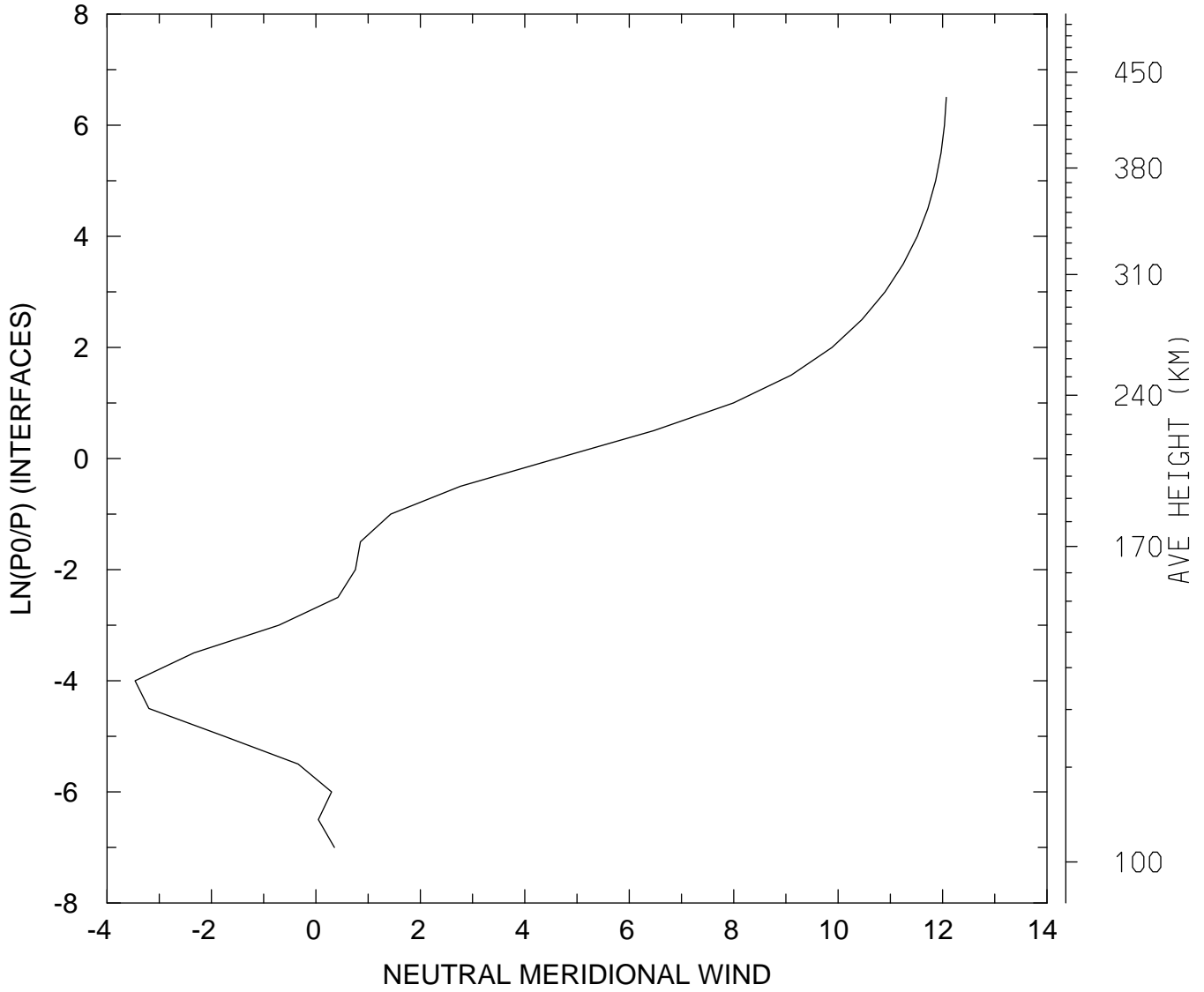
MIN,MAX= -2.9181E+01 1.1665E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



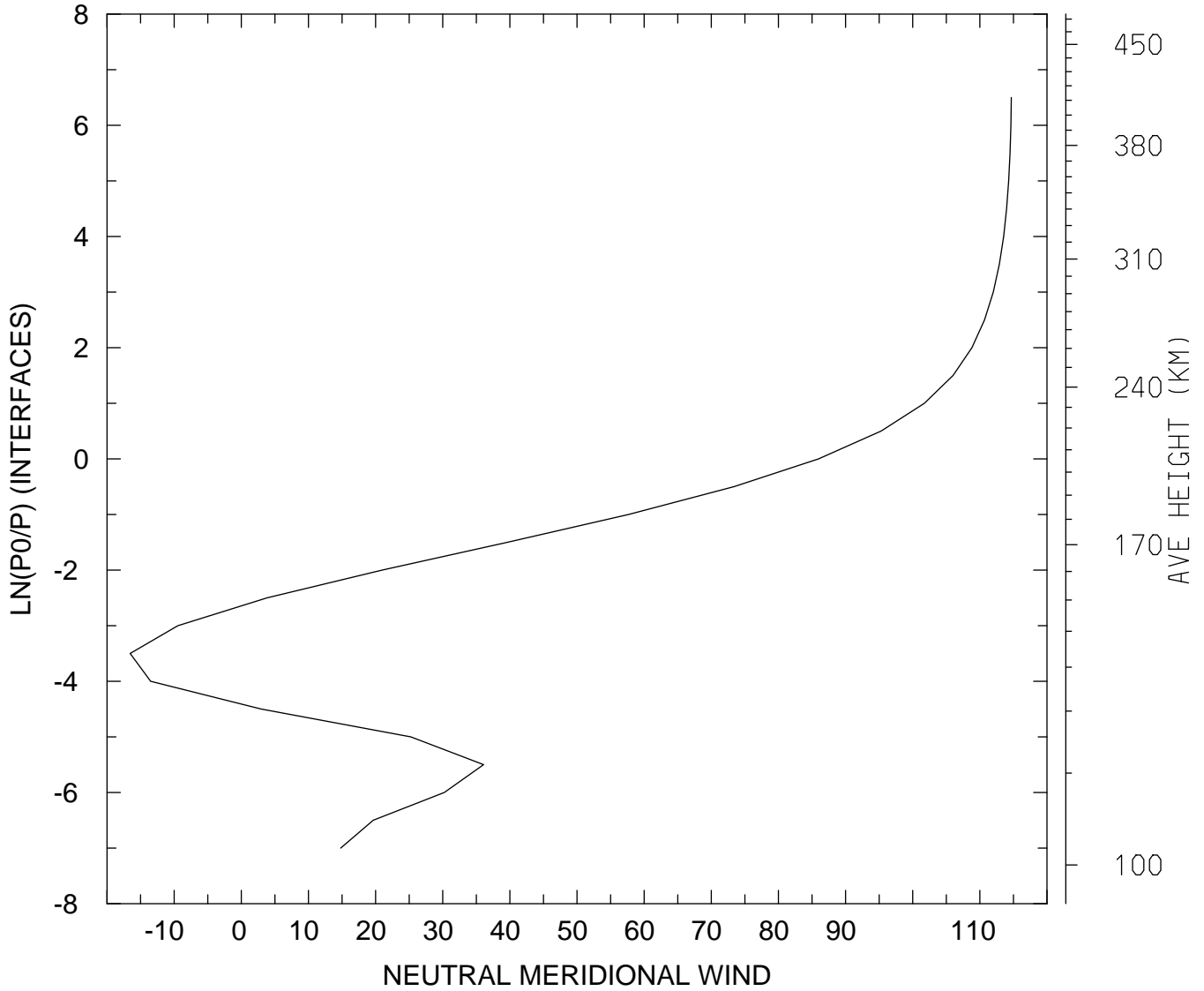
MIN,MAX= -7.8442E+01 3.4140E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



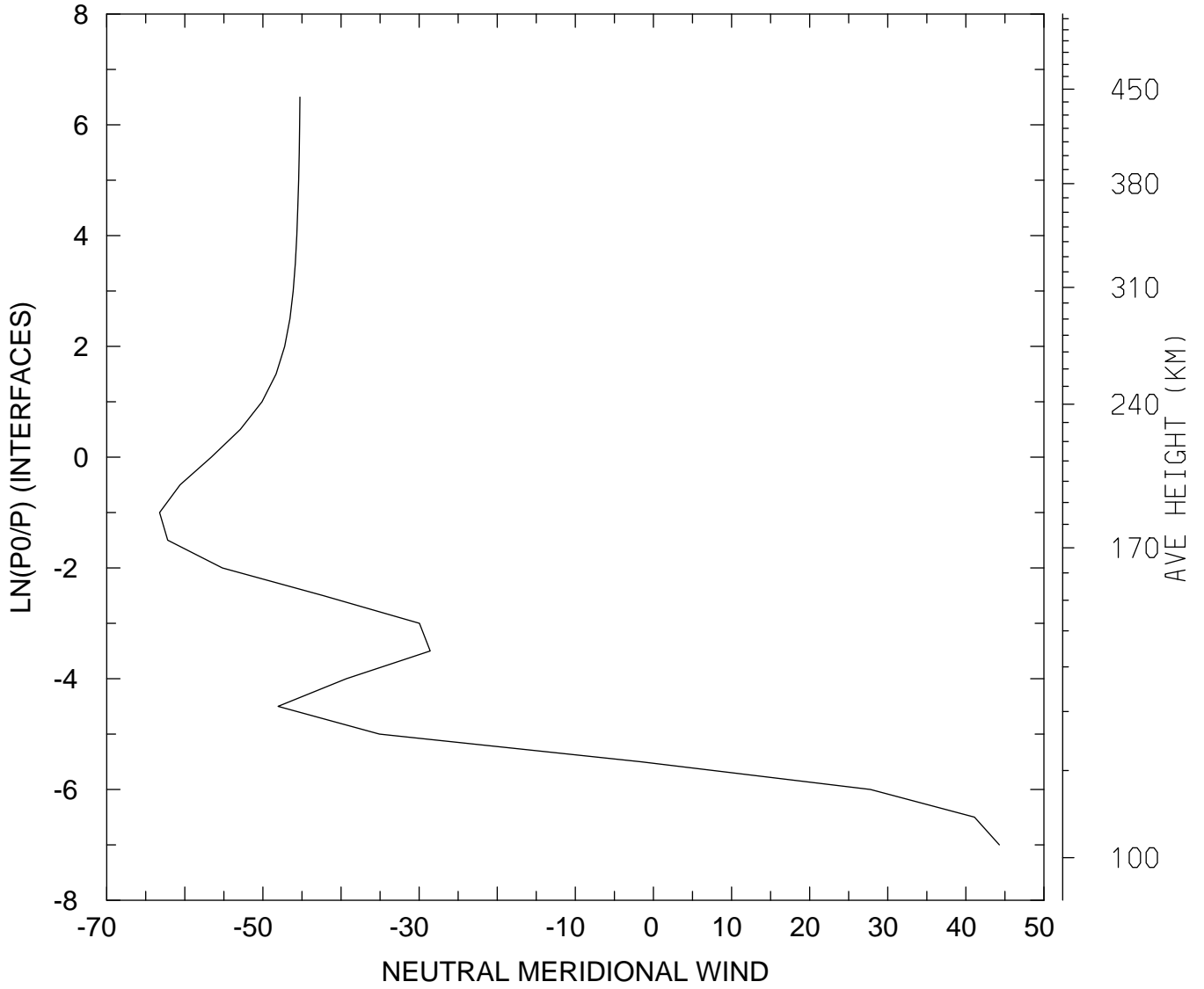
MIN,MAX= -3.4631E+00 1.2073E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



MIN,MAX= -1.6549E+01 1.1469E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

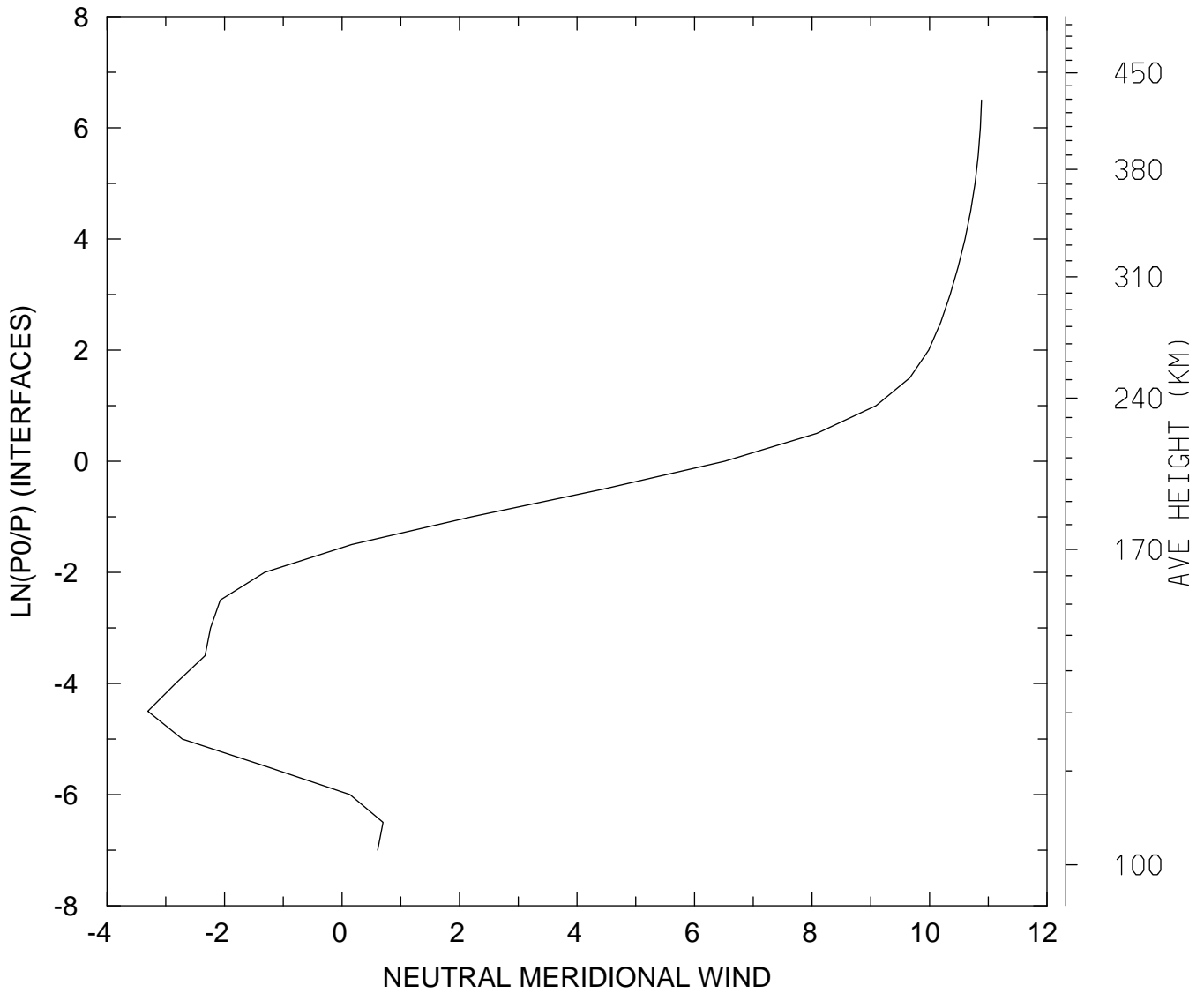
NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



MIN,MAX= -6.3224E+01 4.4286E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

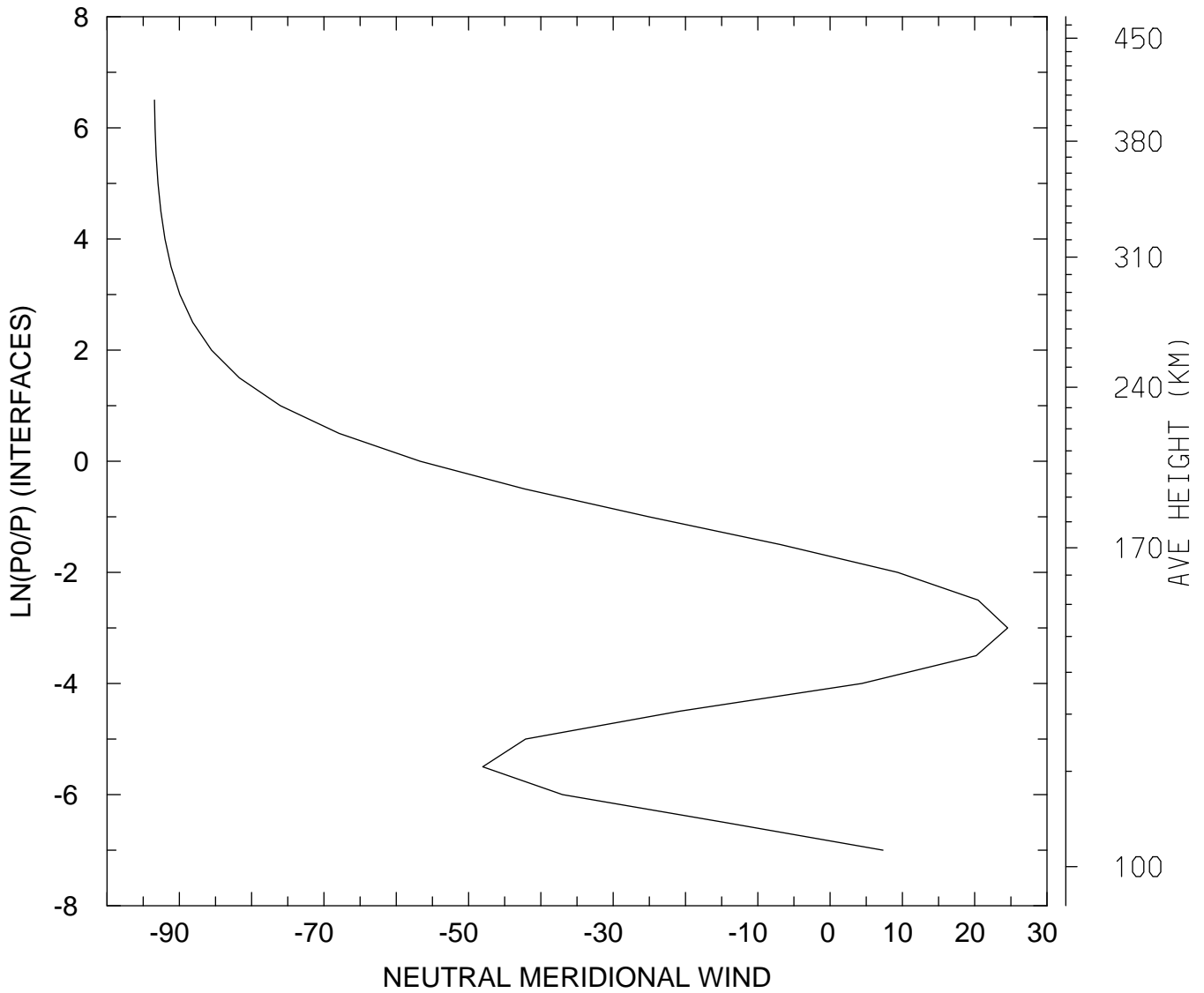


NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



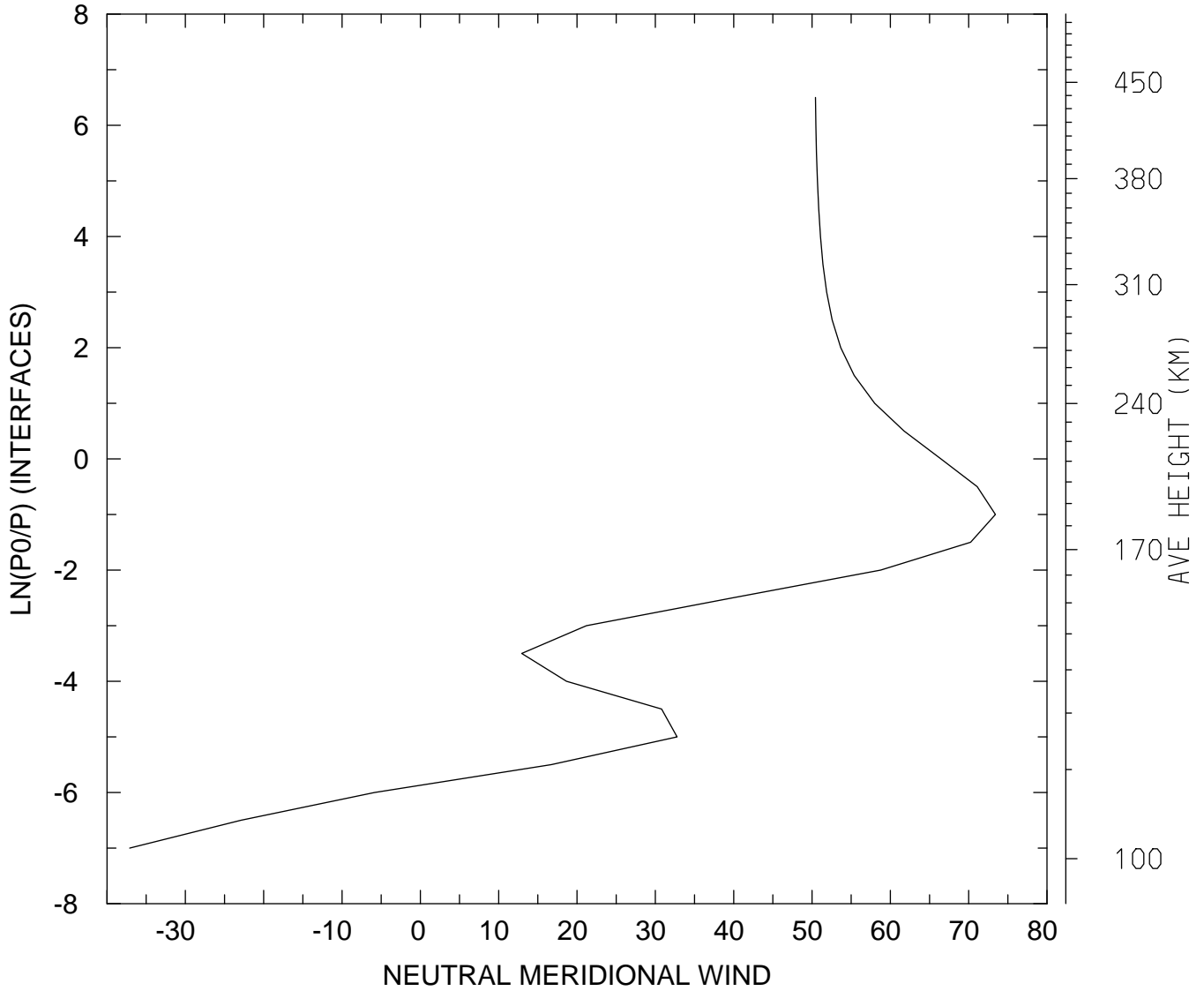
MIN,MAX= -3.3048E+00 1.0885E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



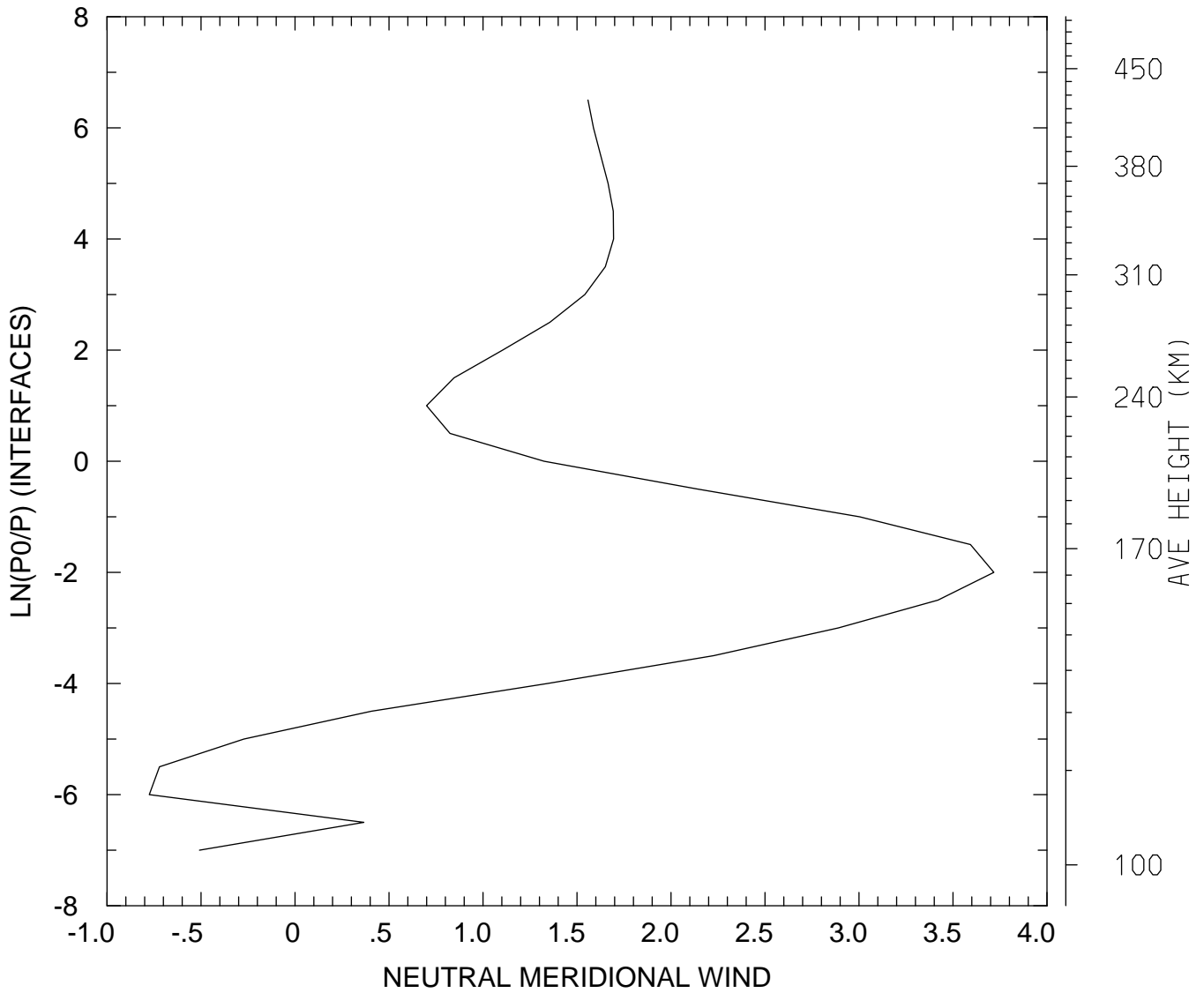
MIN,MAX= -9.3442E+01 2.4566E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



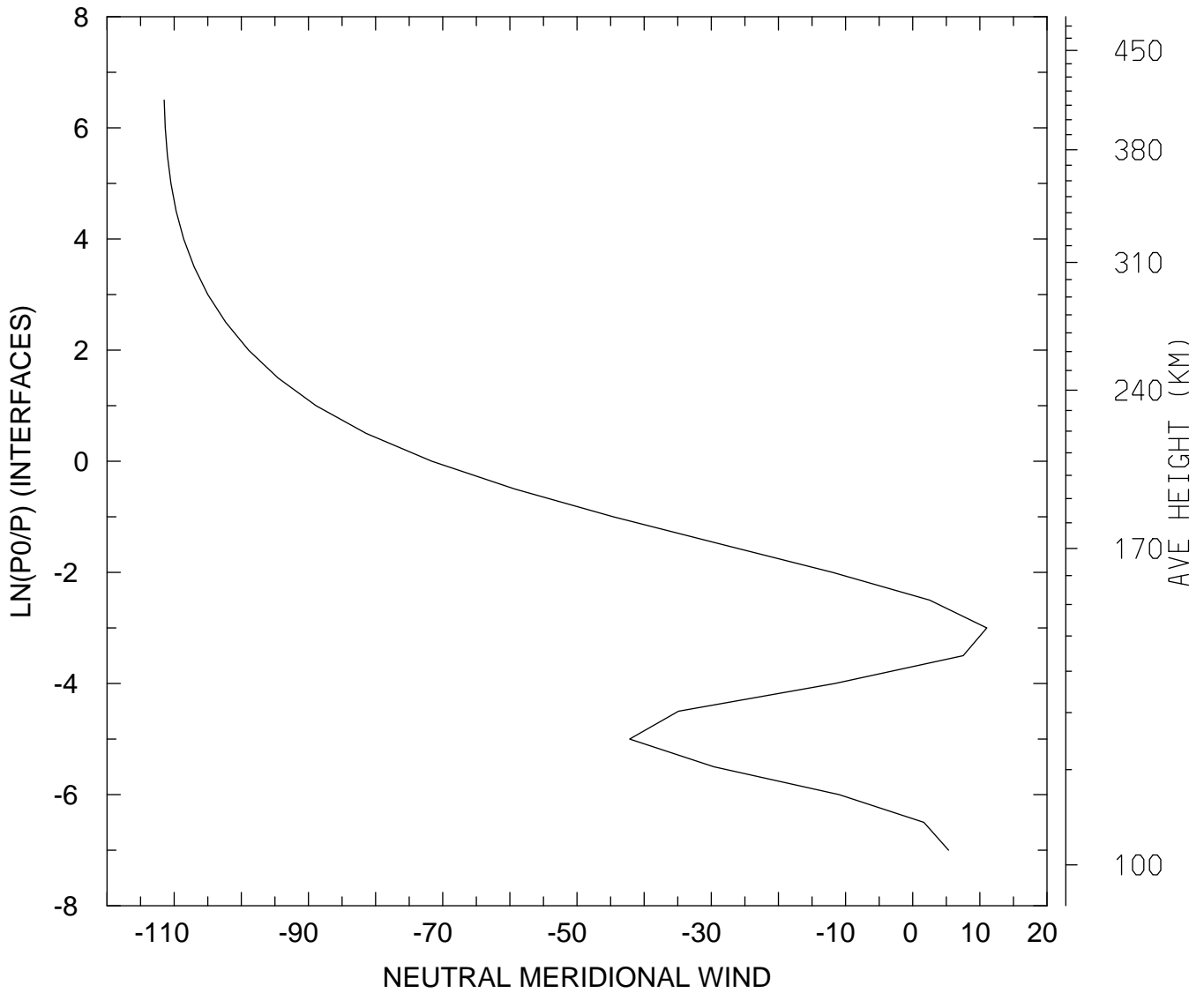
MIN,MAX= -3.7104E+01 7.3417E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



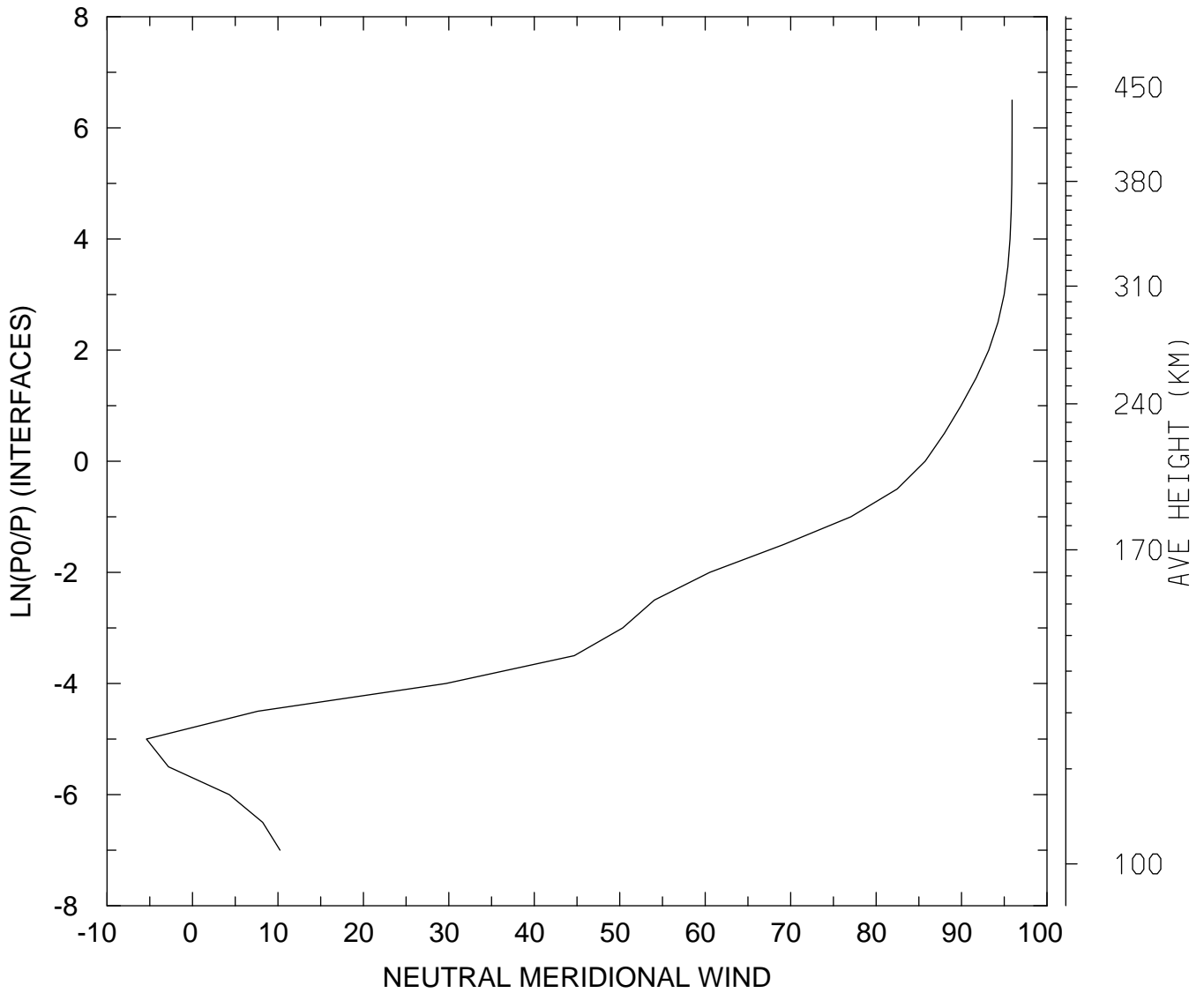
MIN,MAX= -7.7540E-01 3.7171E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



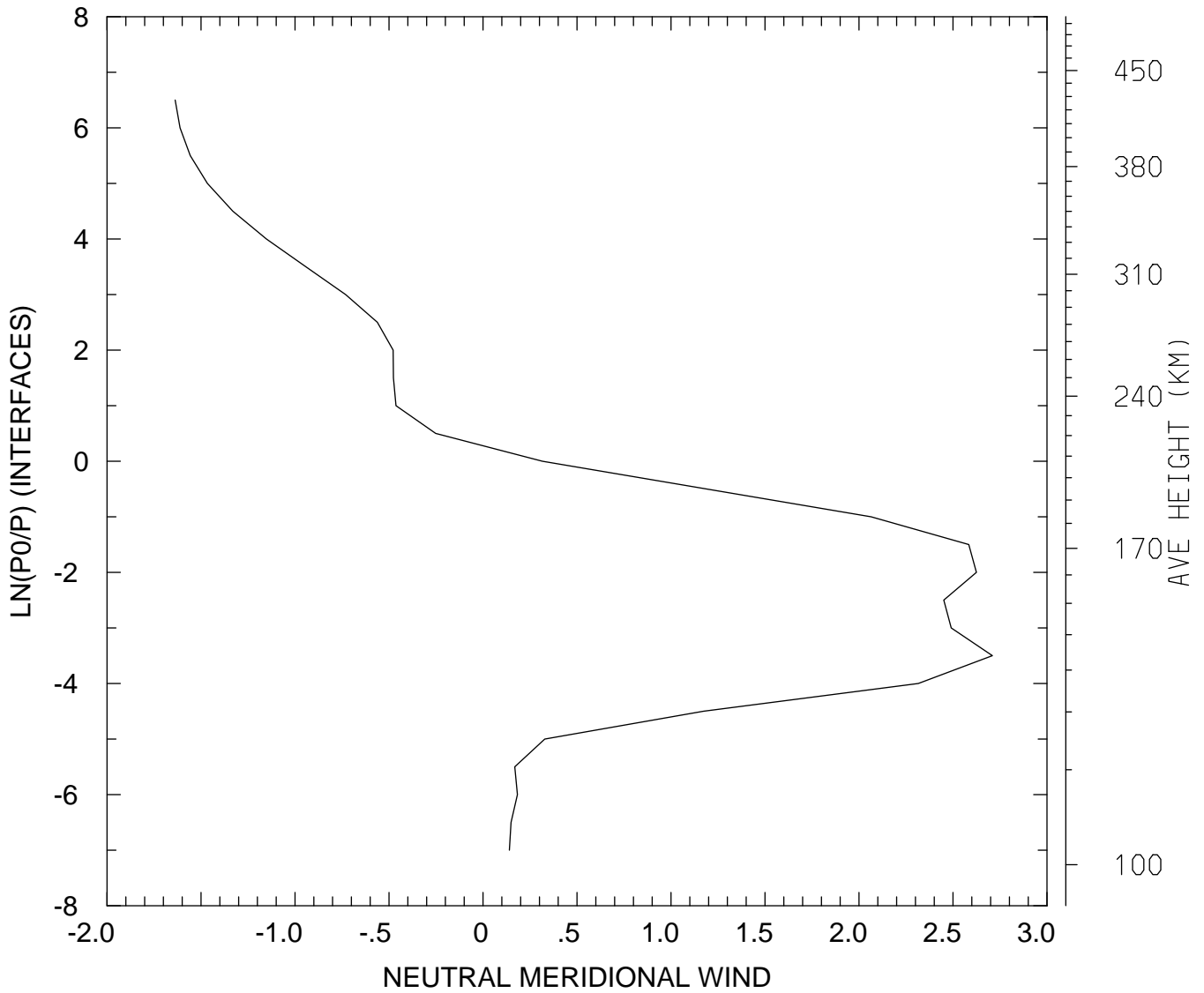
MIN,MAX= -1.1150E+02 1.1033E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



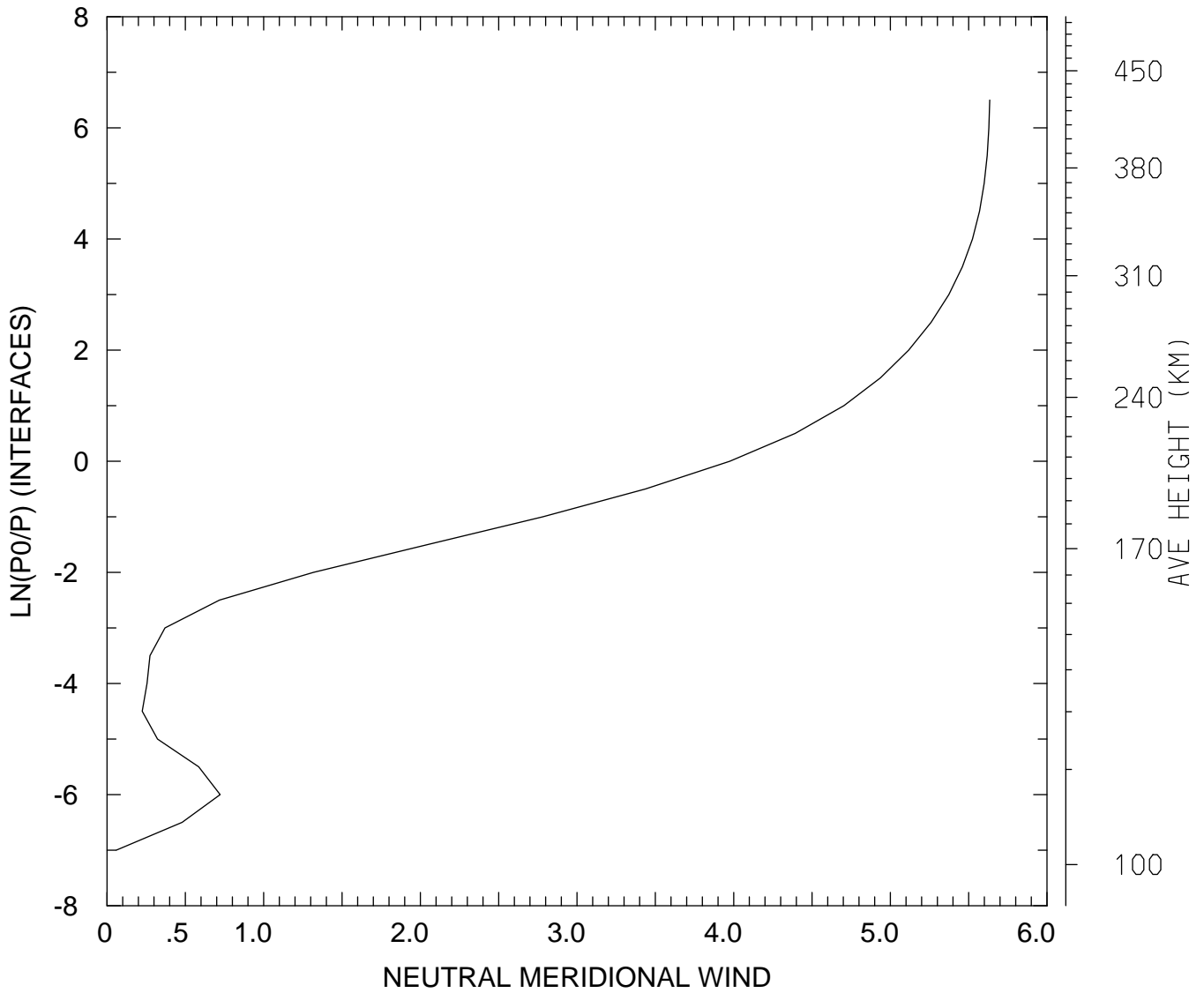
MIN,MAX= -5.3875E+00 9.5912E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



MIN,MAX= -1.6376E+00 2.7093E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

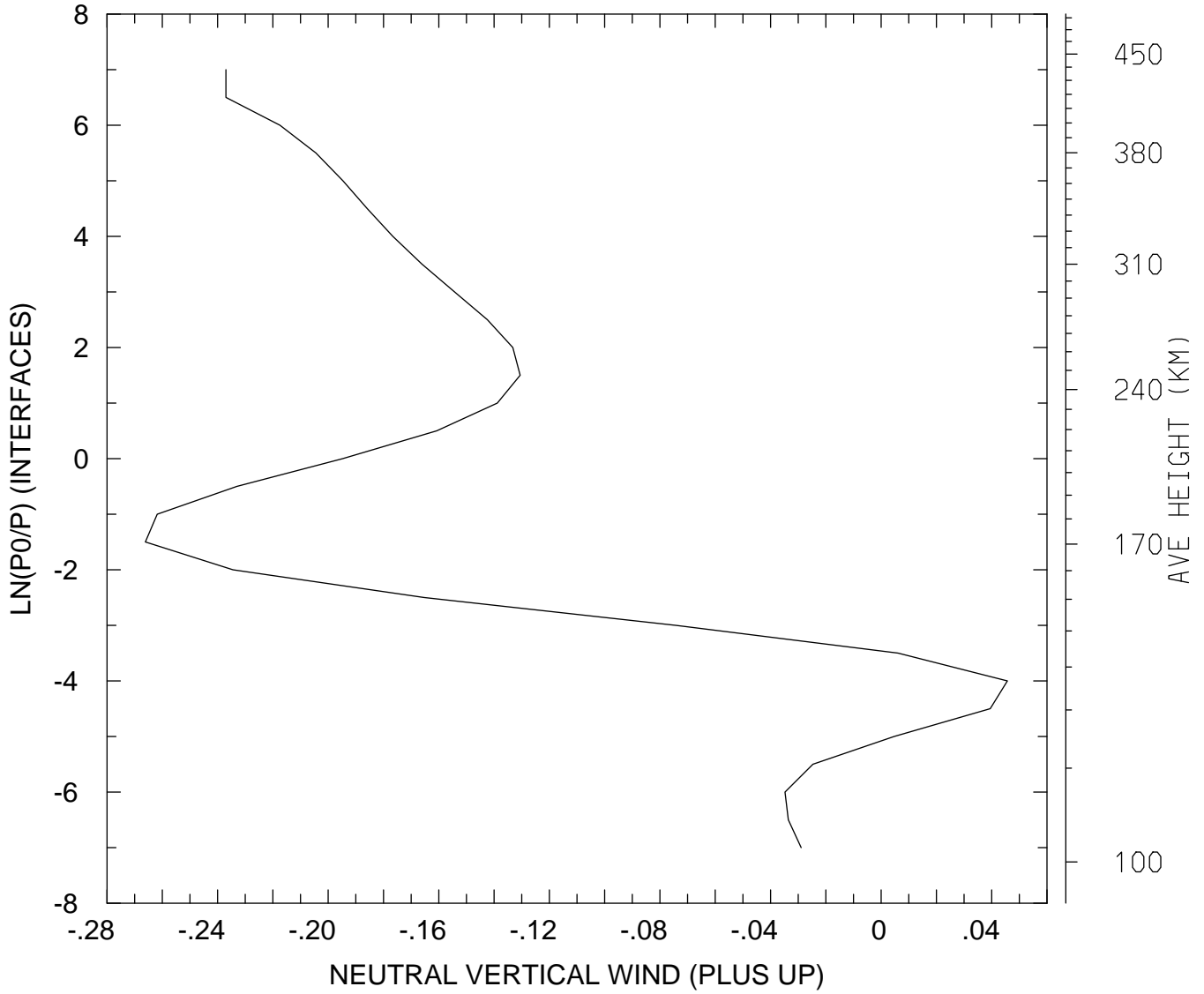
NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 GLOBAL MEANS



MIN,MAX= 5.8737E-02 5.6343E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

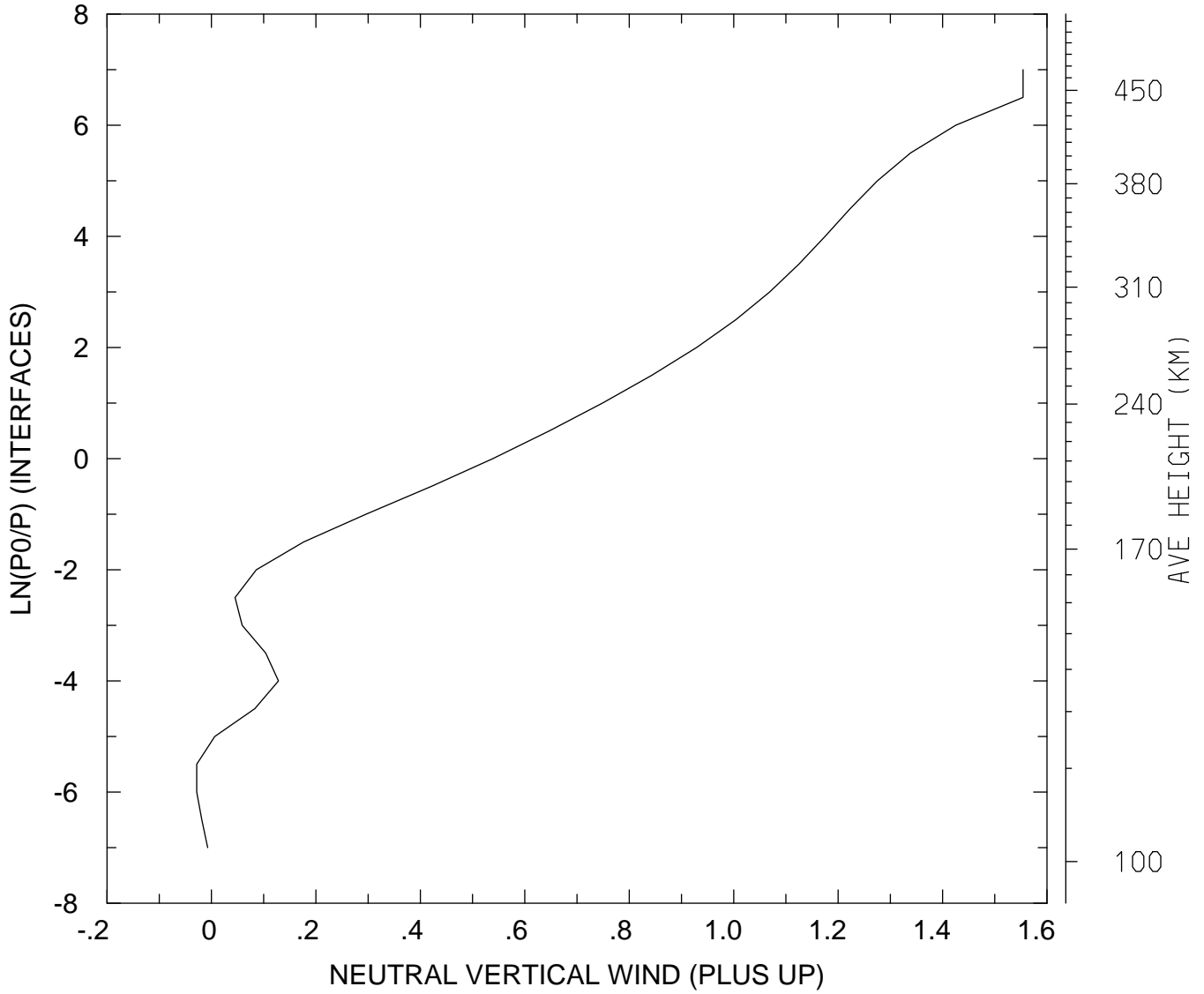


NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



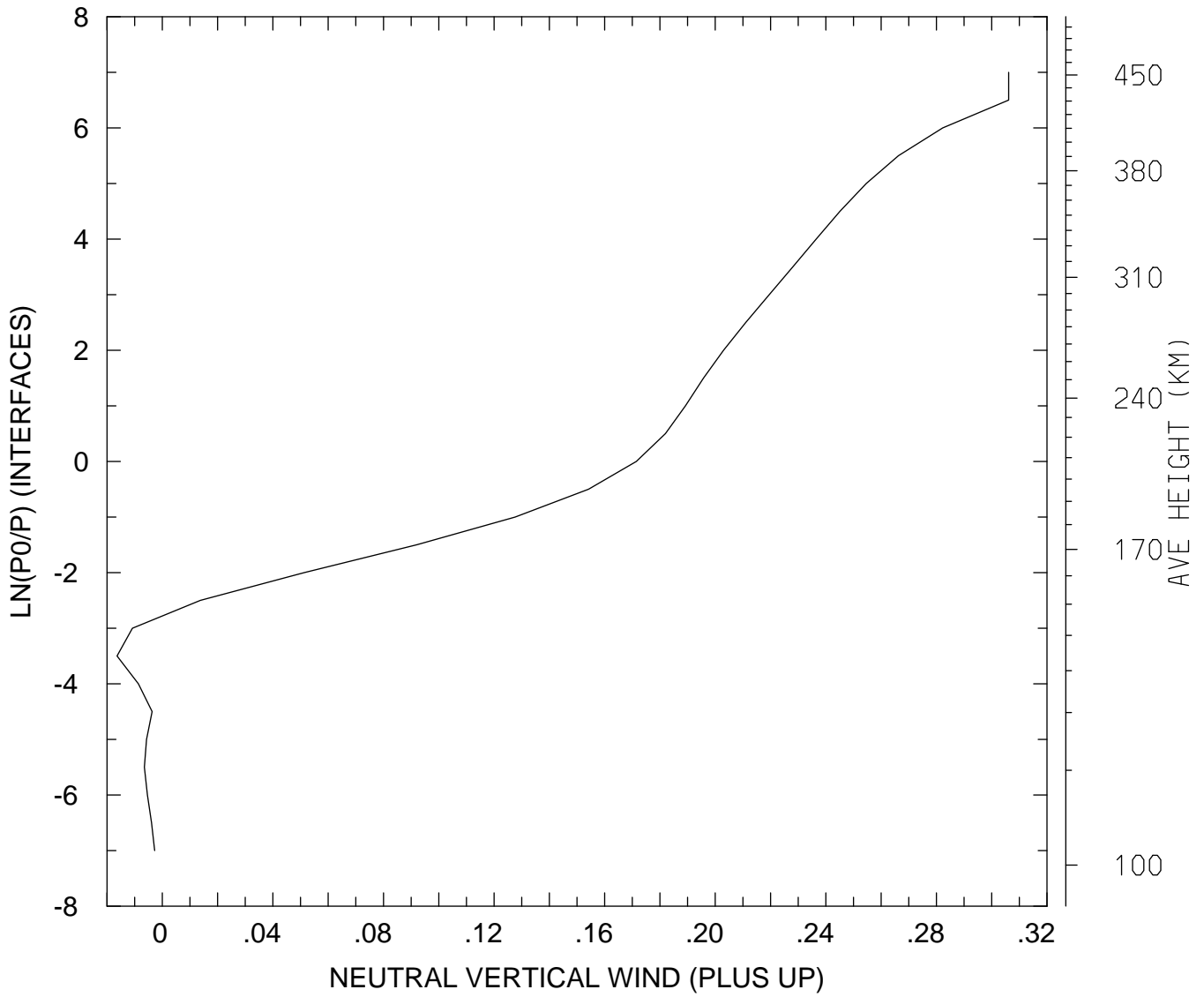
MIN,MAX= -2.6614E-01 4.5669E-02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



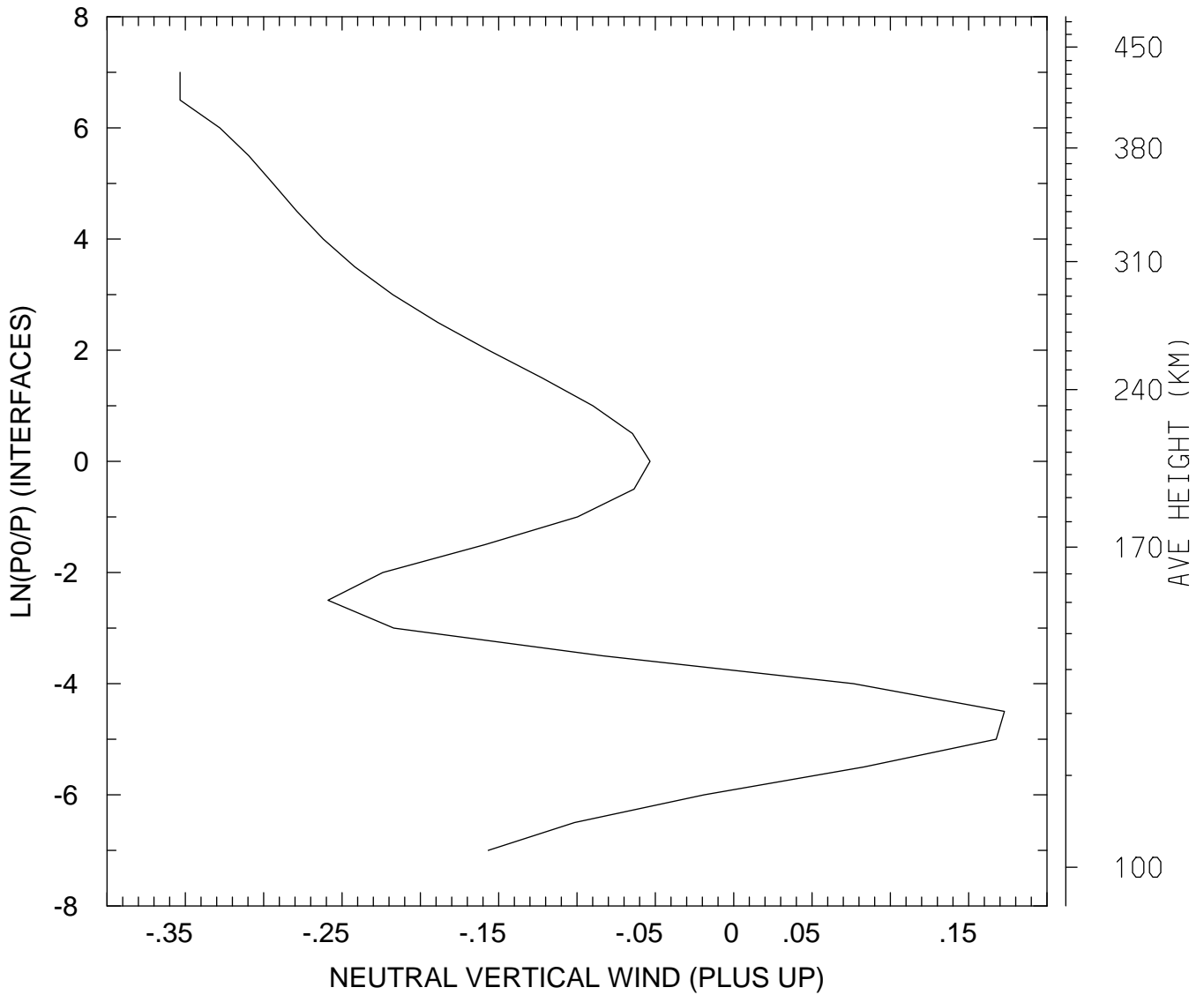
MIN,MAX= -2.8313E-02 1.5542E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



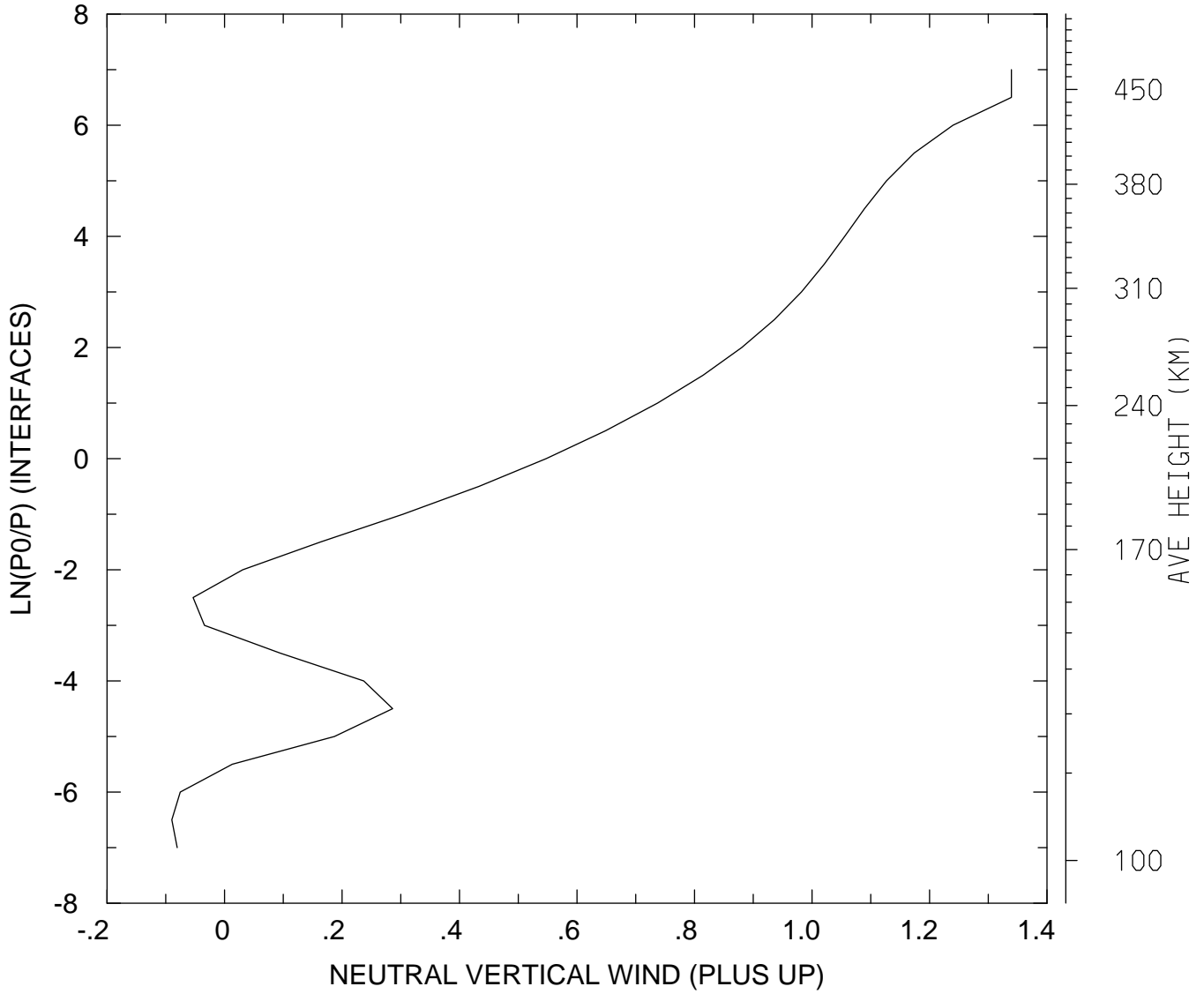
MIN,MAX= -1.6401E-02 3.0615E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS)



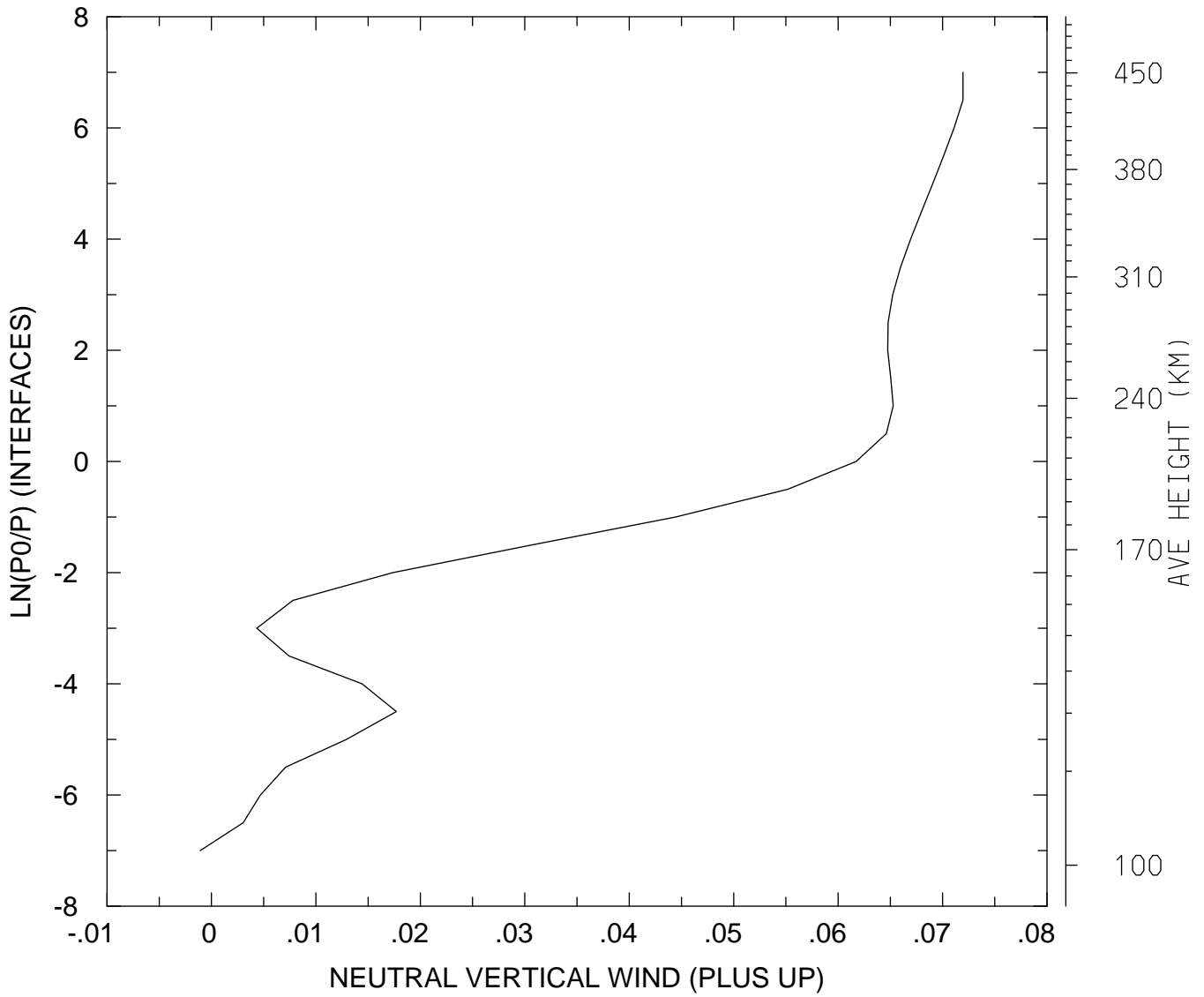
MIN,MAX= -3.5338E-01 1.7283E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



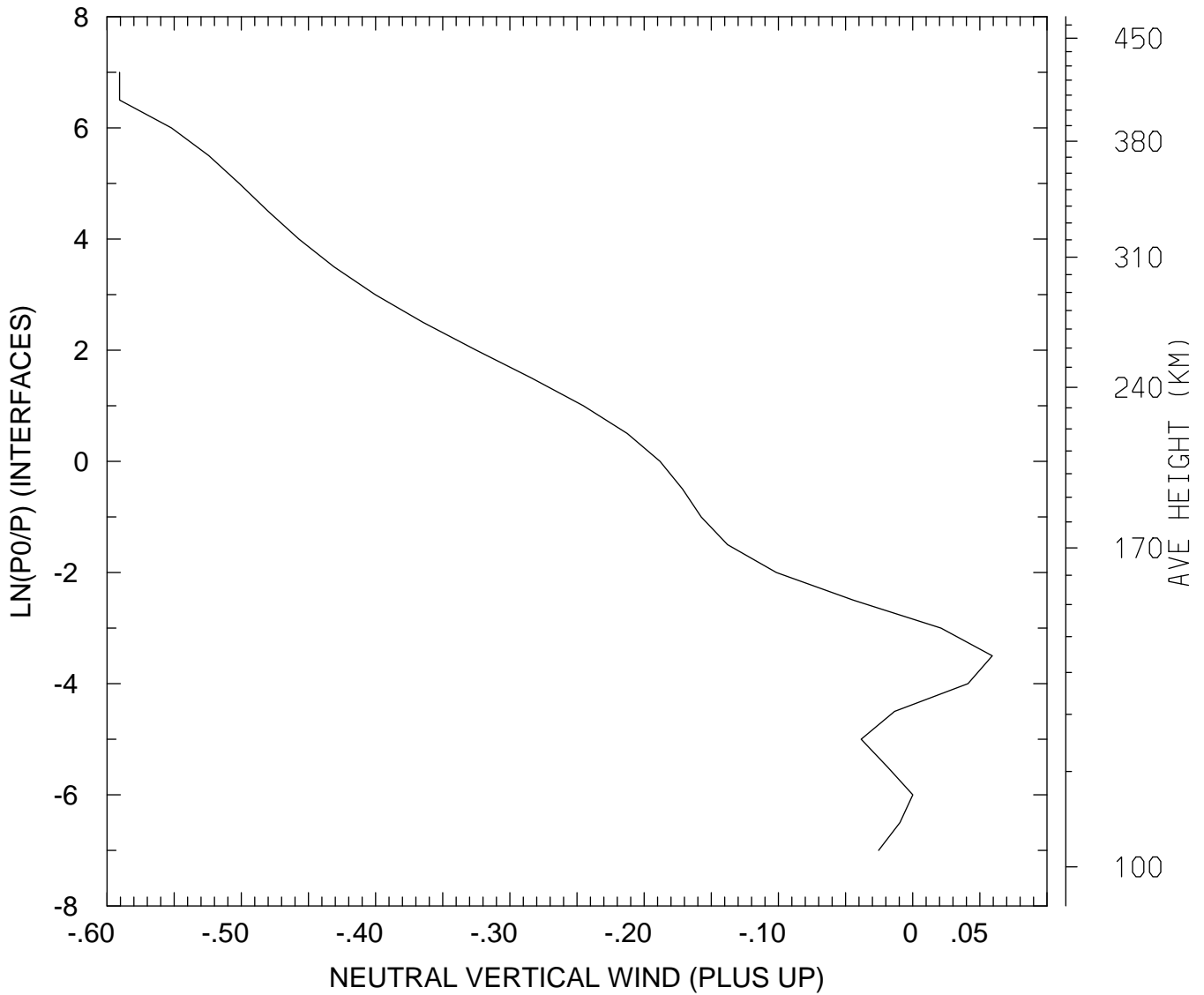
MIN,MAX= -8.9739E-02 1.3394E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



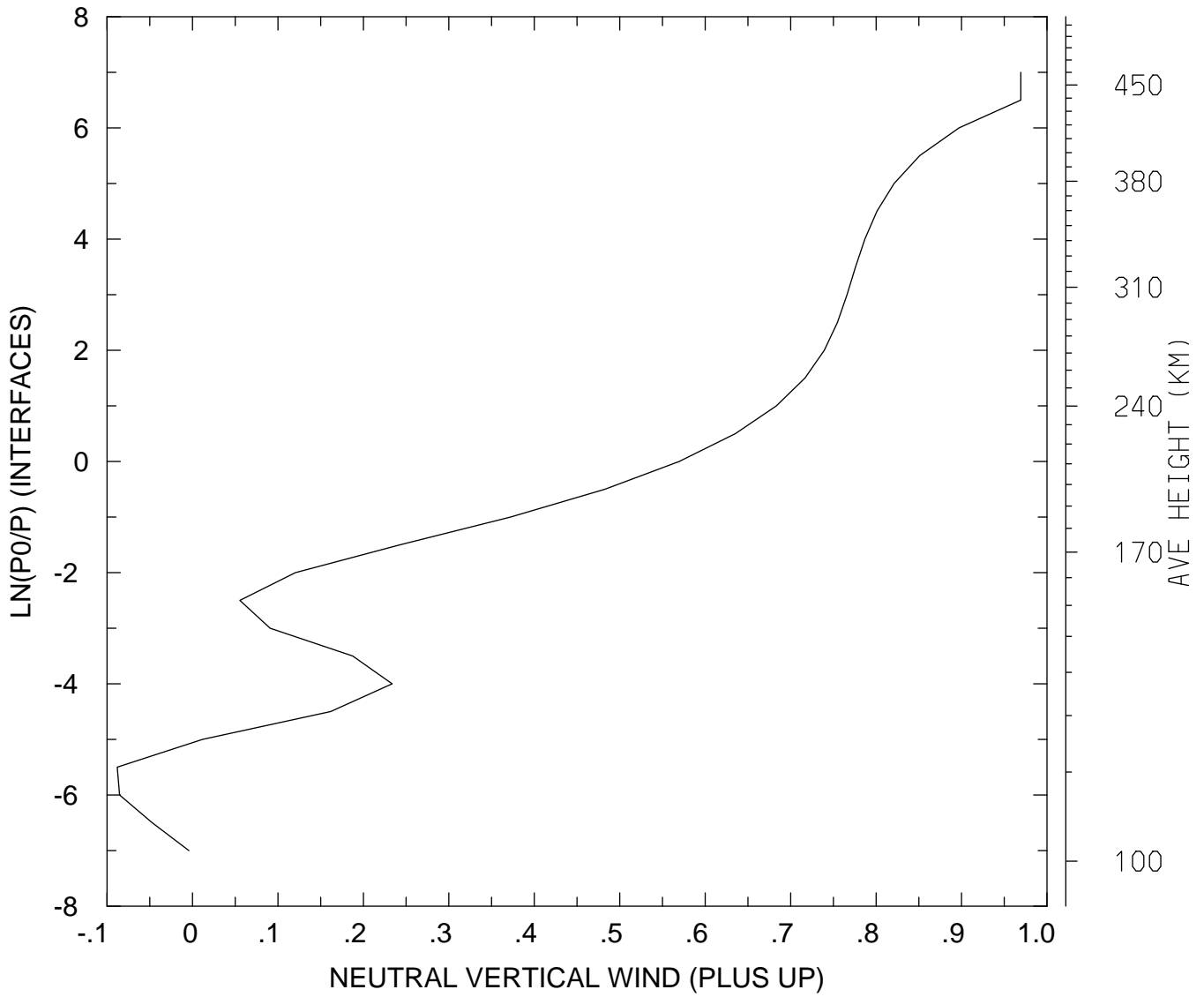
MIN,MAX= -1.0778E-03 7.1957E-02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS)



MIN,MAX= -5.9065E-01 5.9286E-02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

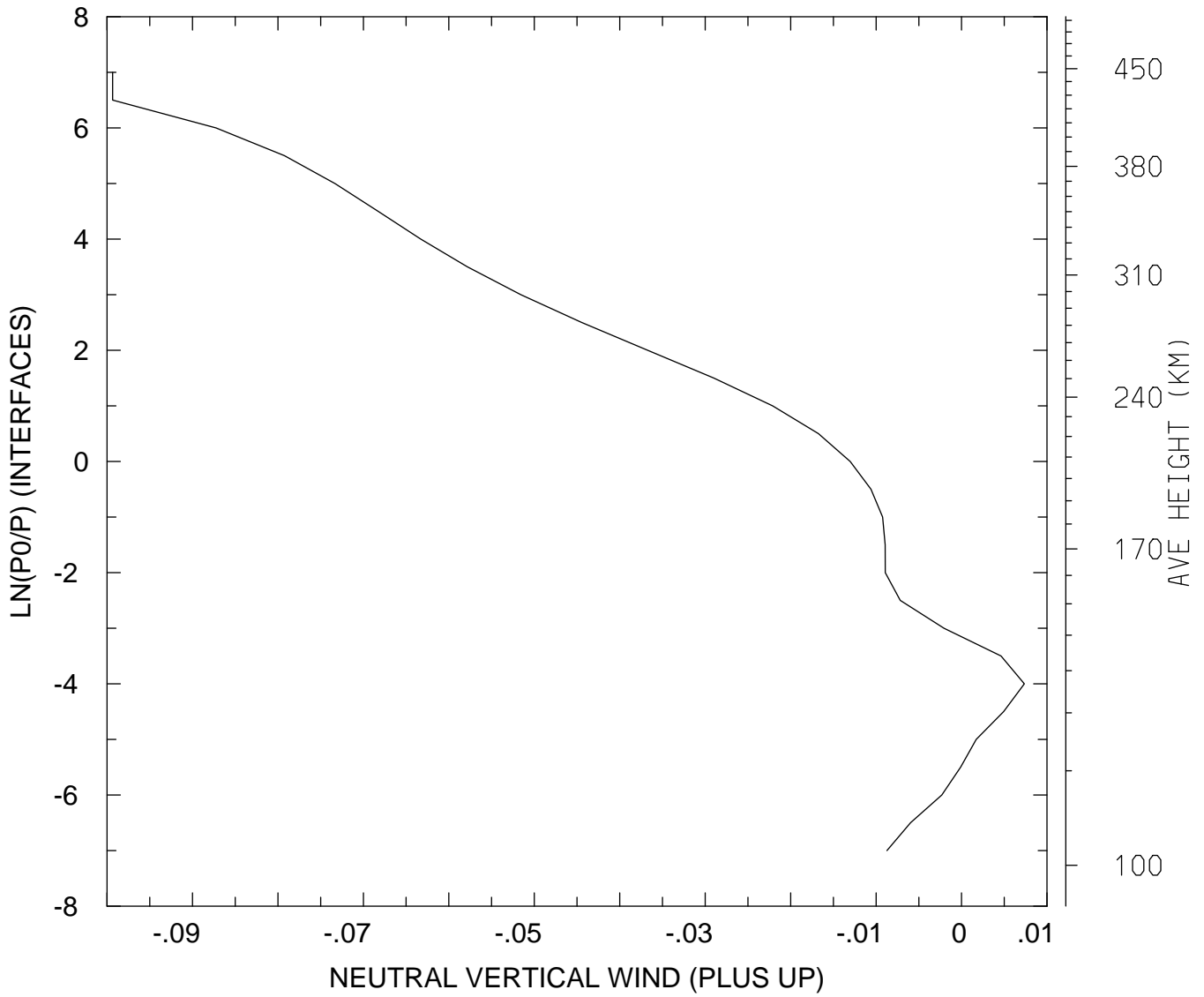
NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



MIN,MAX= -8.8061E-02 9.6931E-01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

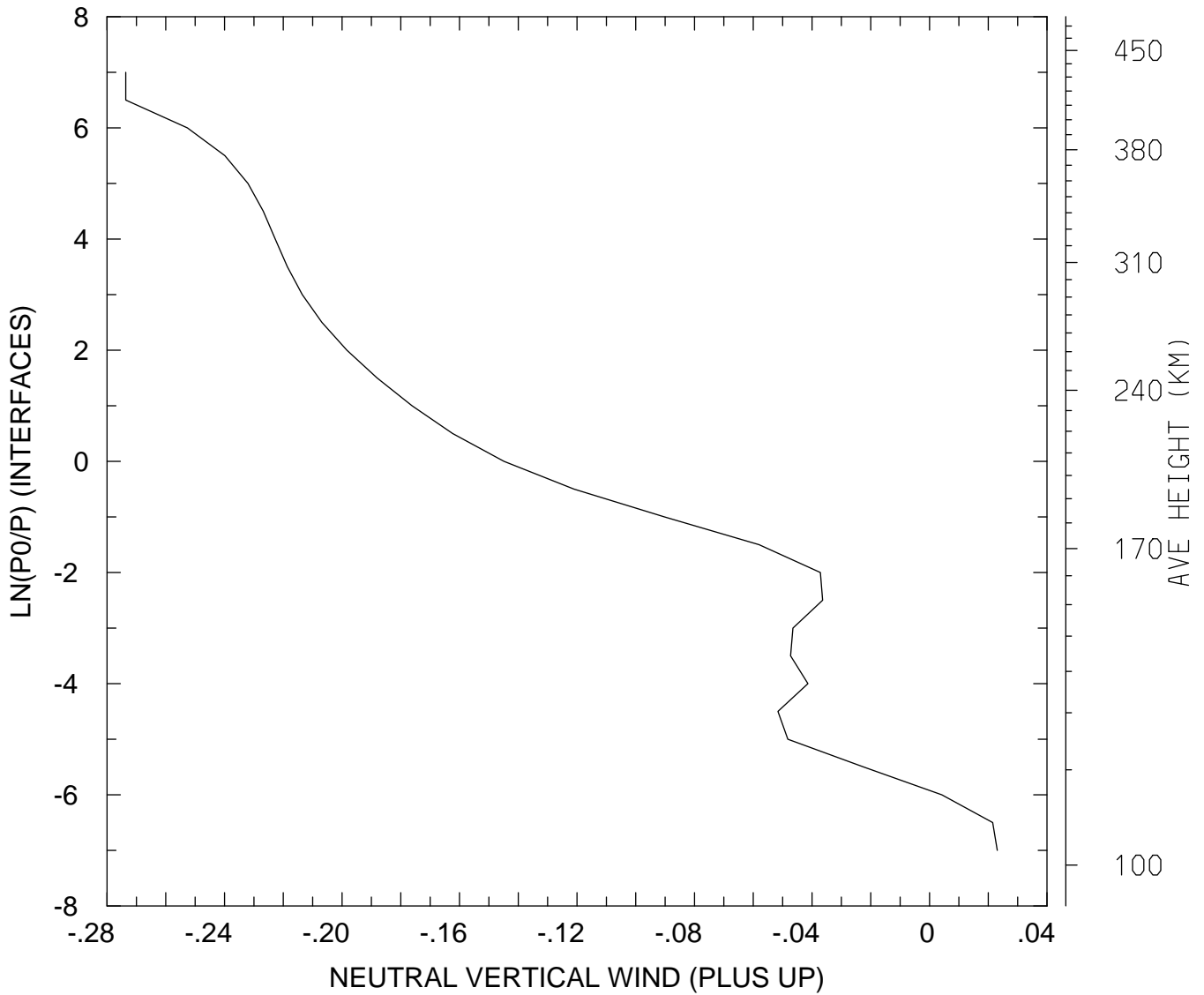


NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



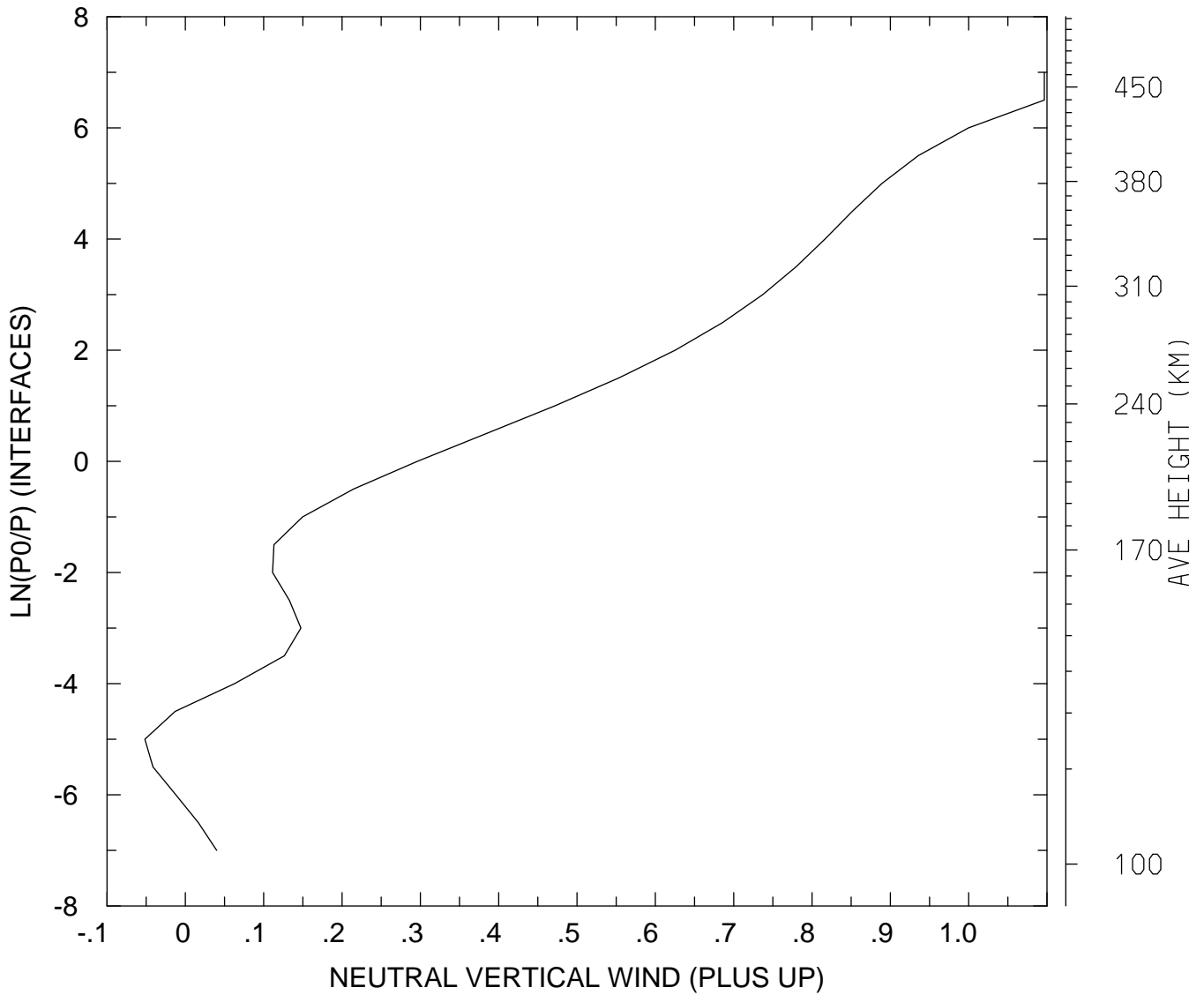
MIN,MAX= -9.9343E-02 7.3436E-03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS)



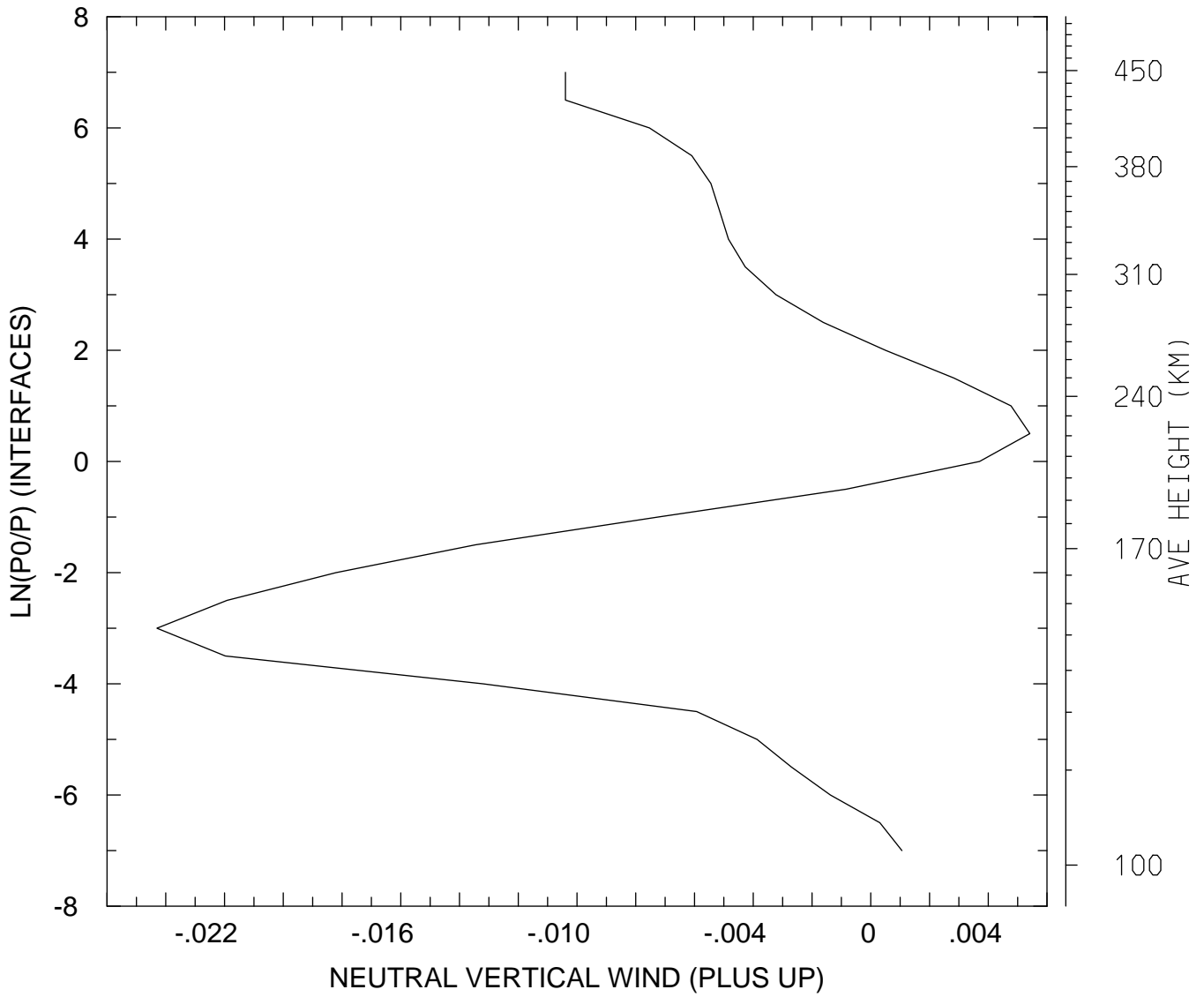
MIN,MAX= -2.7364E-01 2.3060E-02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS)



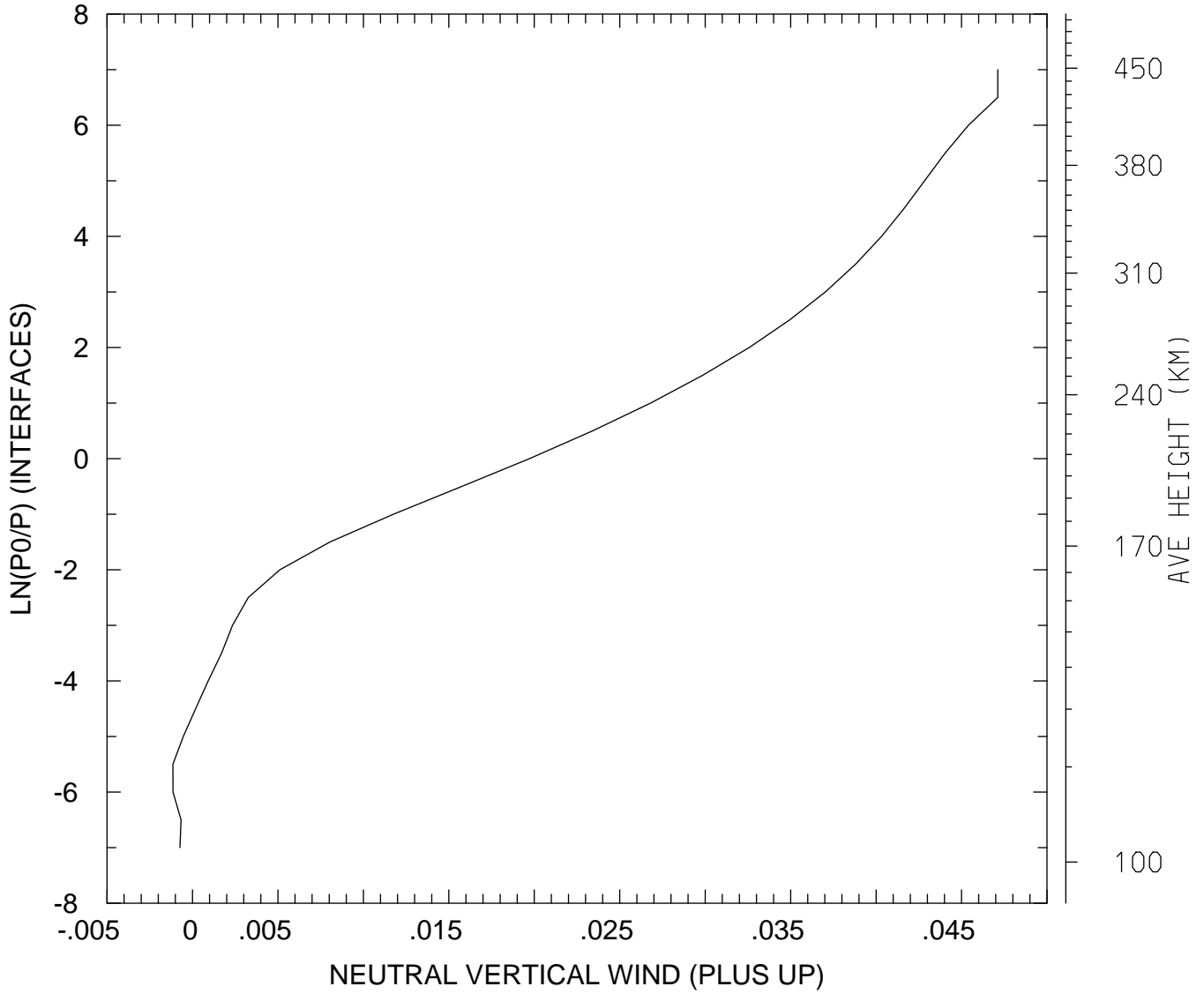
MIN,MAX= -5.1749E-02 1.0966E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



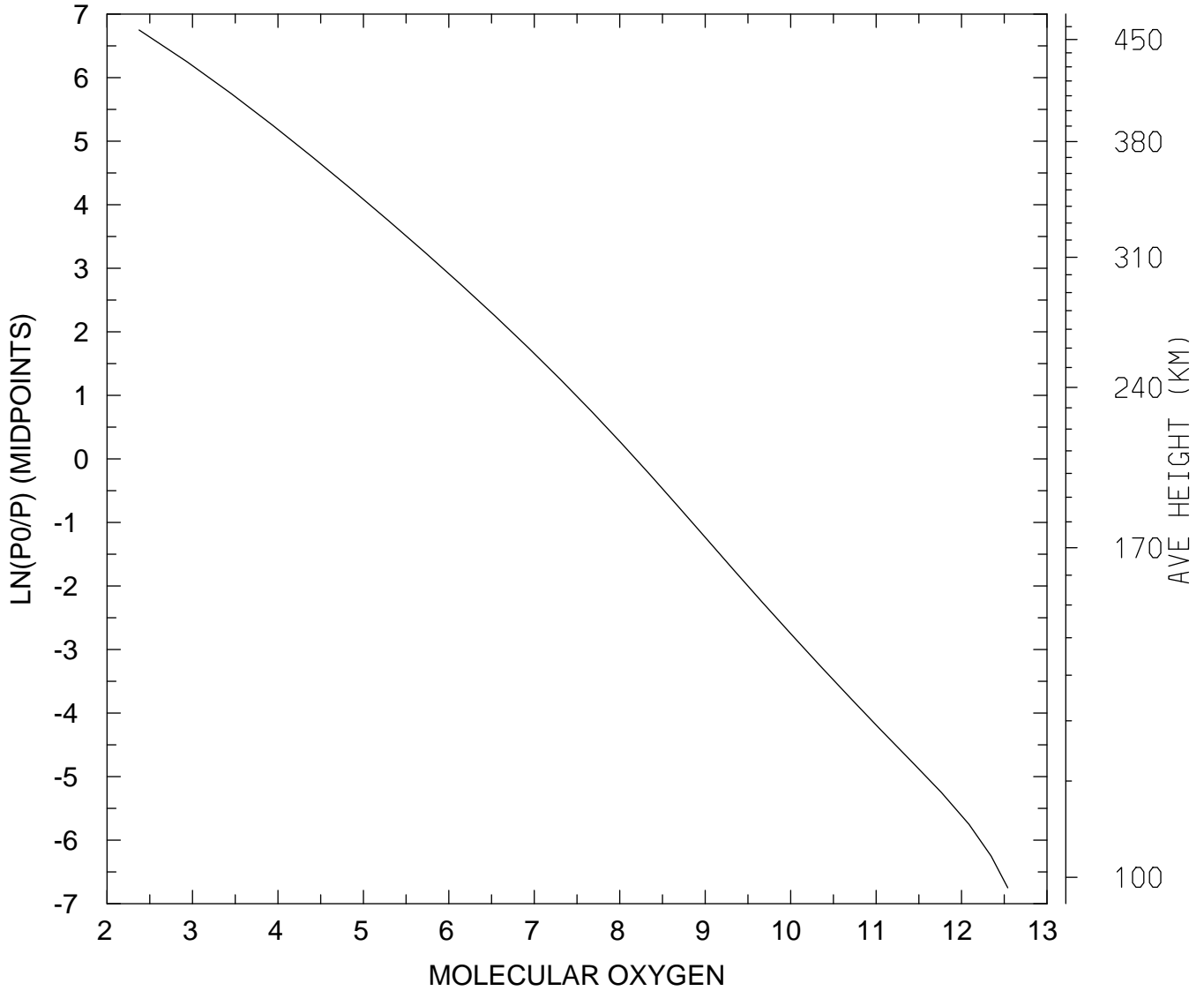
MIN,MAX= -2.4302E-02 5.4164E-03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 GLOBAL MEANS



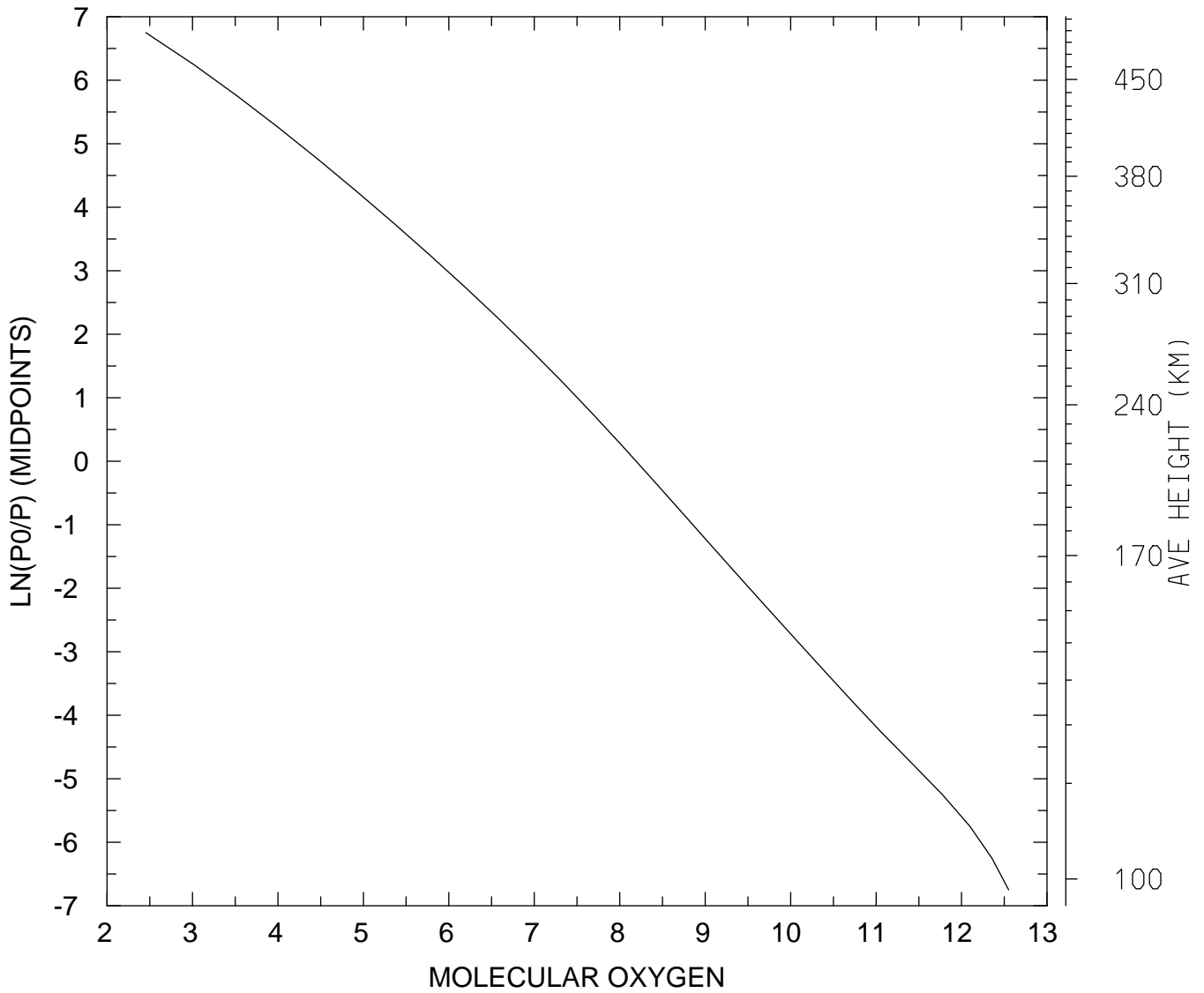
MIN,MAX= -1.1478E-03 4.7121E-02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



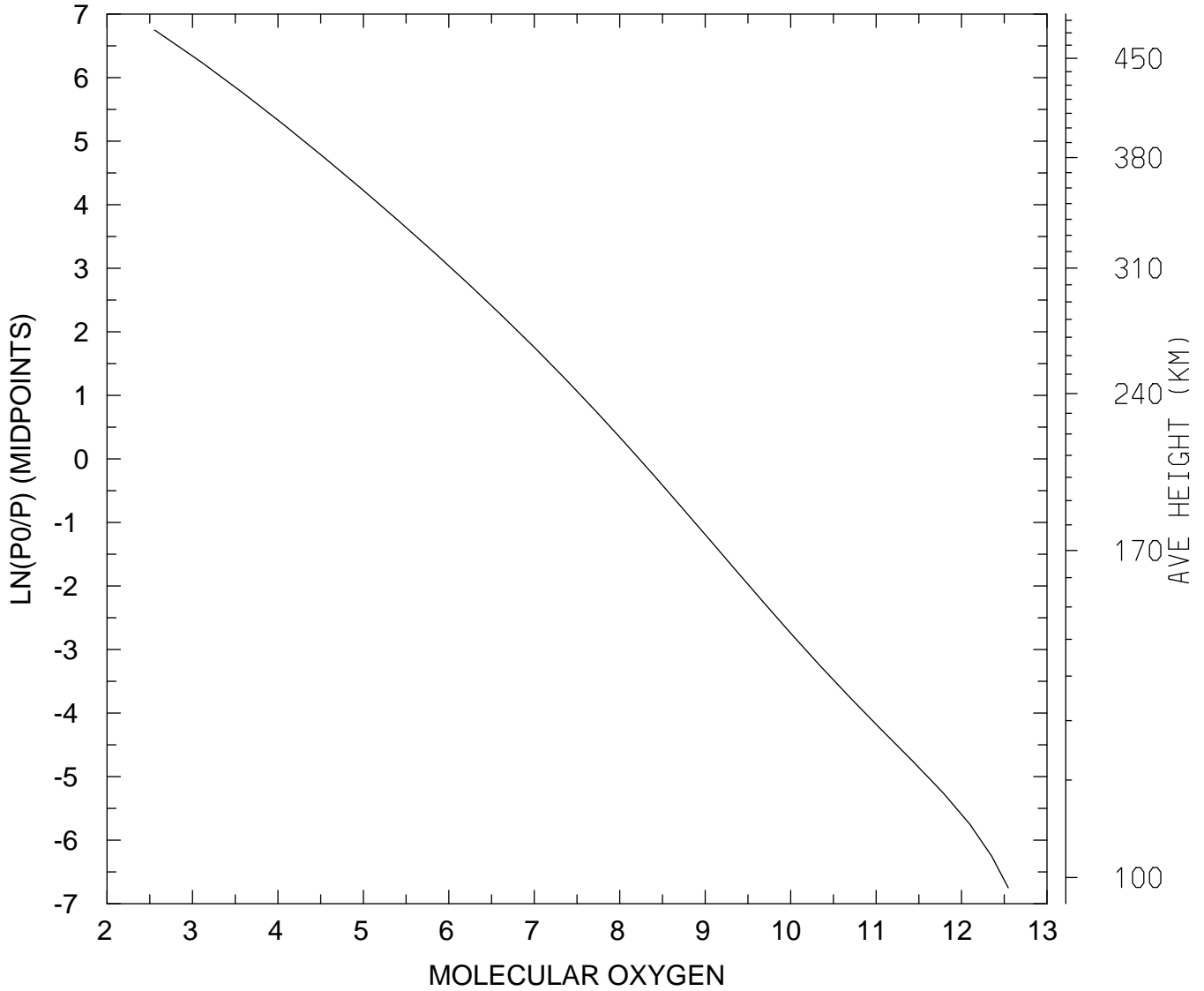
MIN,MAX= 2.3698E+02 3.4721E+12  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



MIN,MAX= 2.8403E+02 3.5595E+12  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

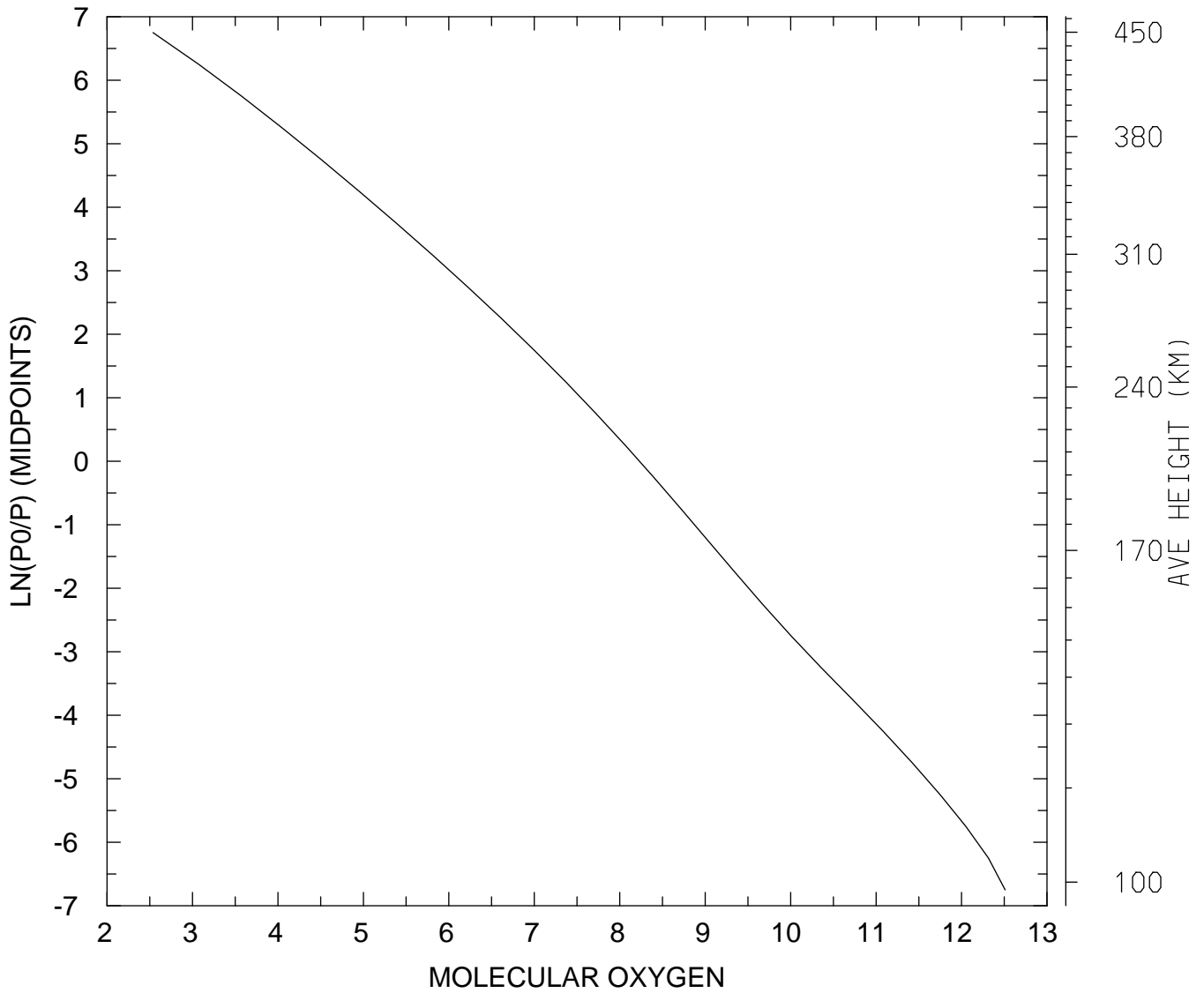
LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



MIN,MAX= 3.6043E+02 3.5165E+12  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

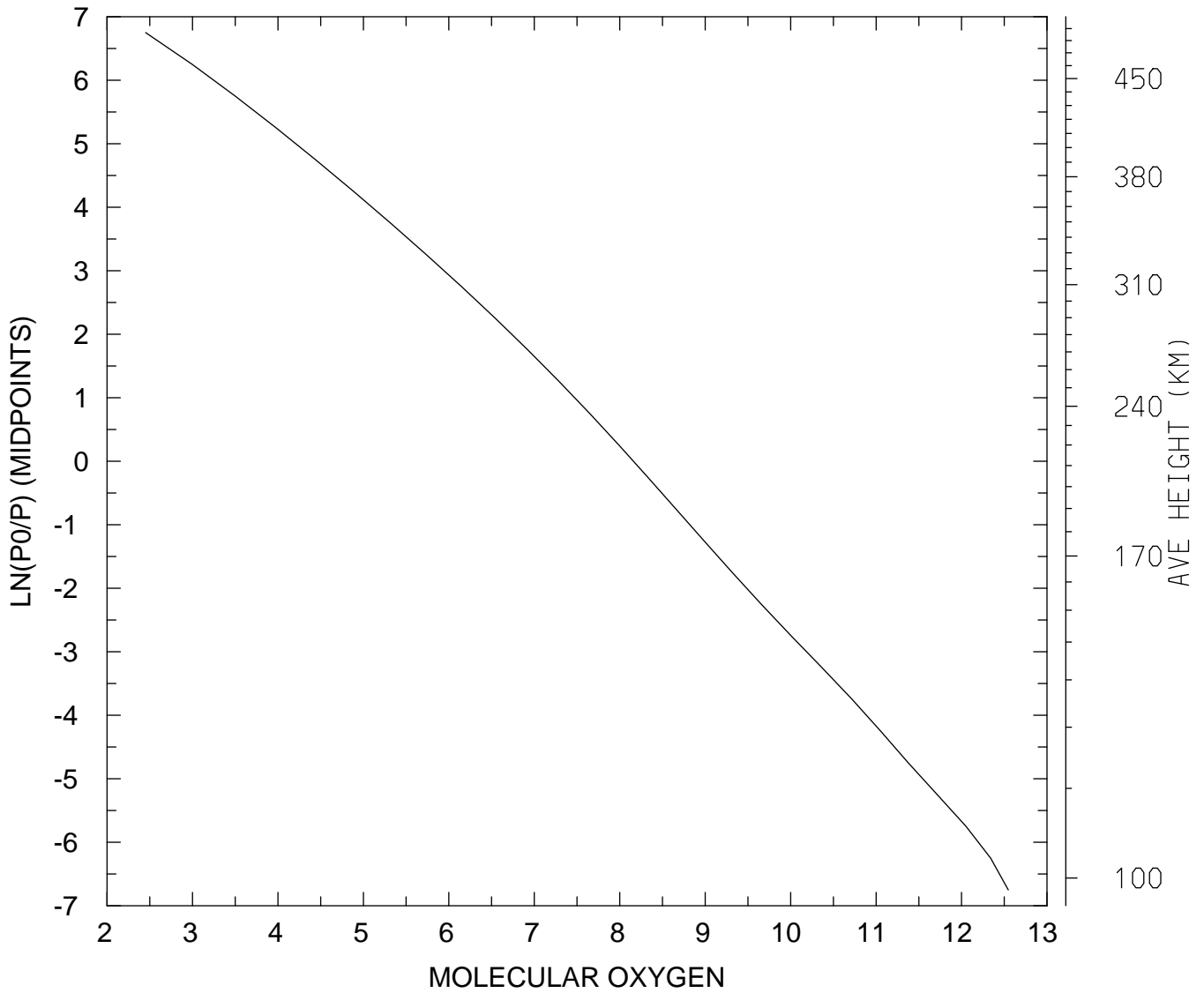


LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



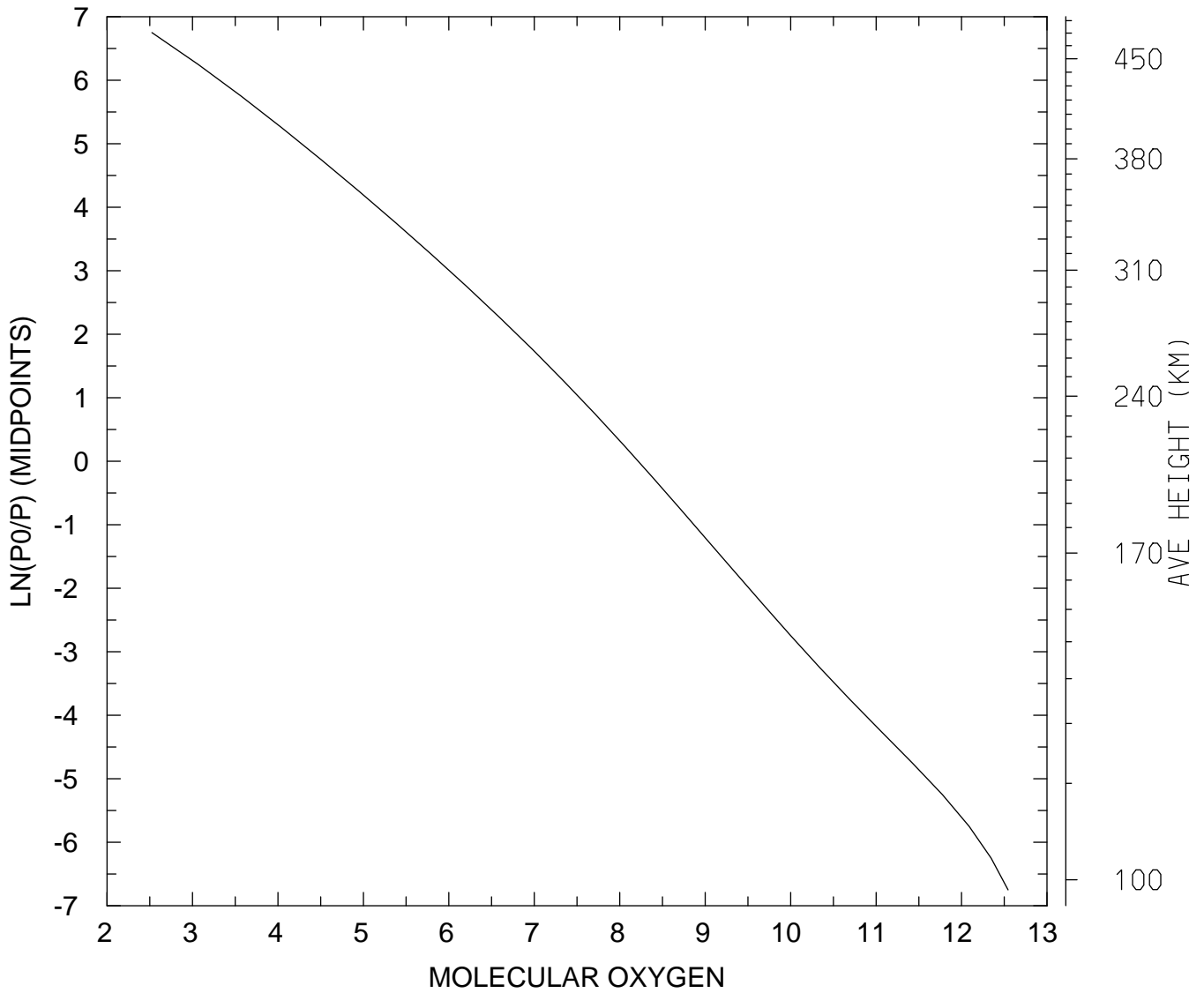
MIN,MAX= 3.4501E+02 3.2329E+12  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



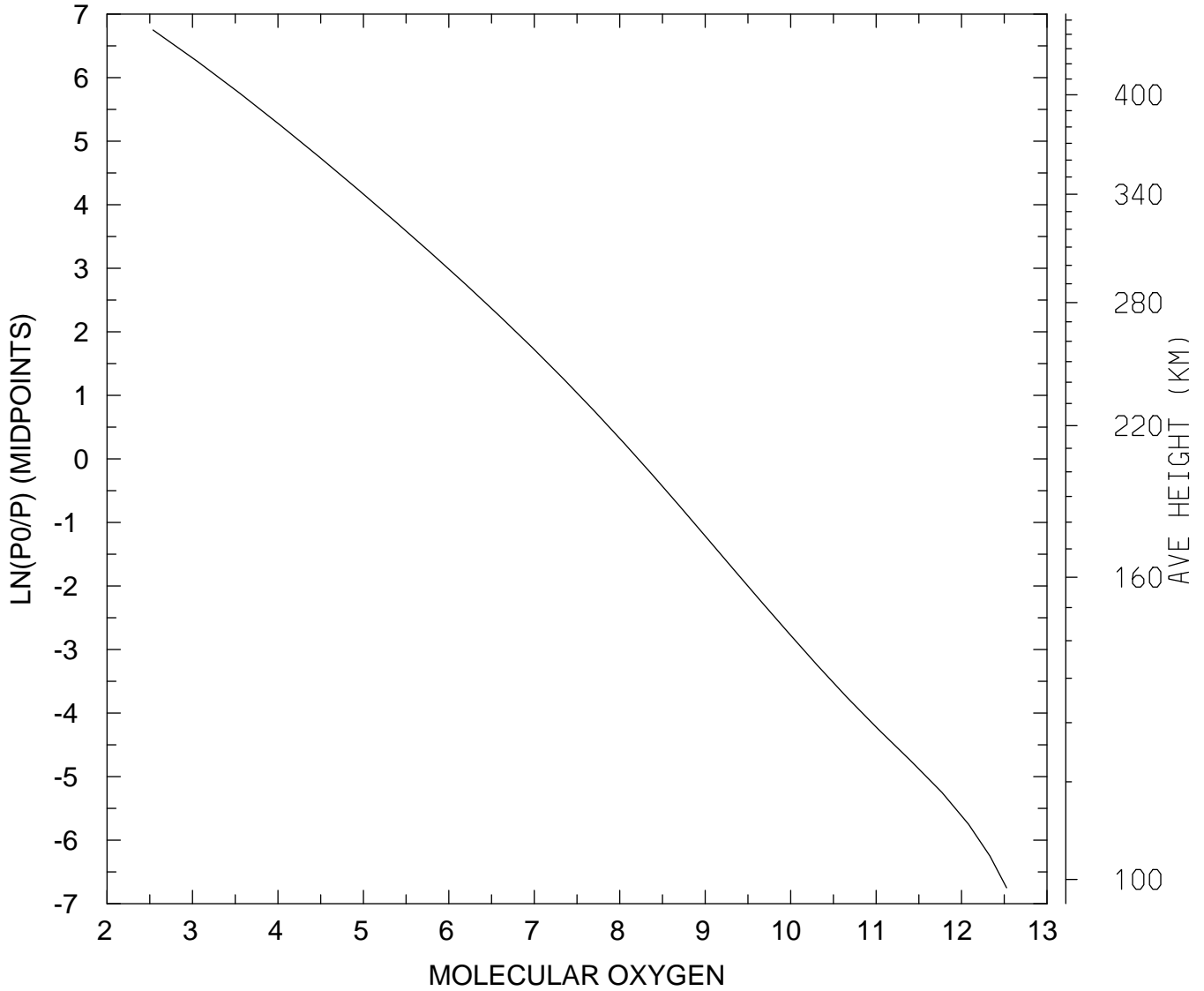
MIN,MAX= 2.8337E+02 3.5187E+12  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



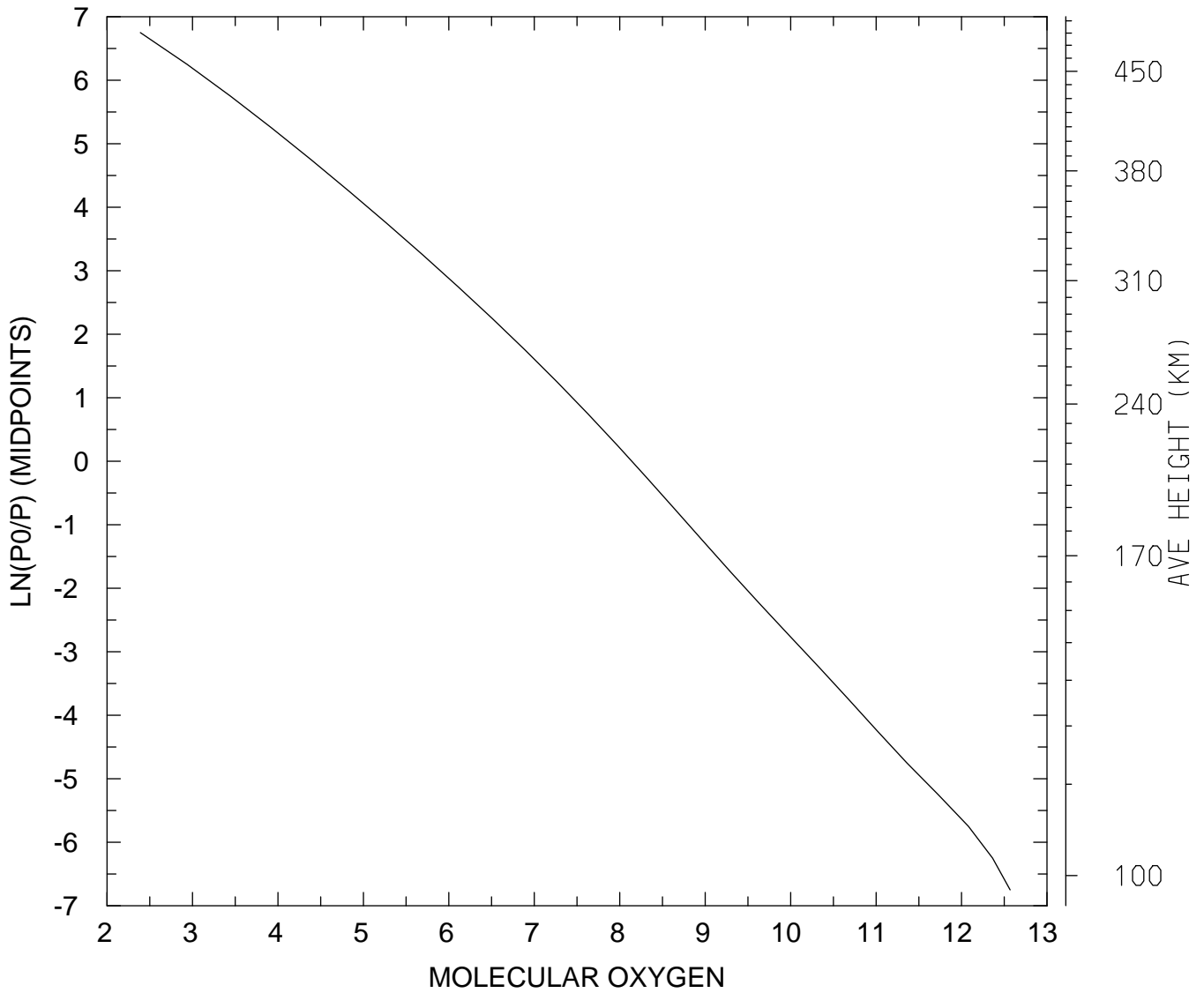
MIN,MAX= 3.3483E+02 3.5059E+12  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



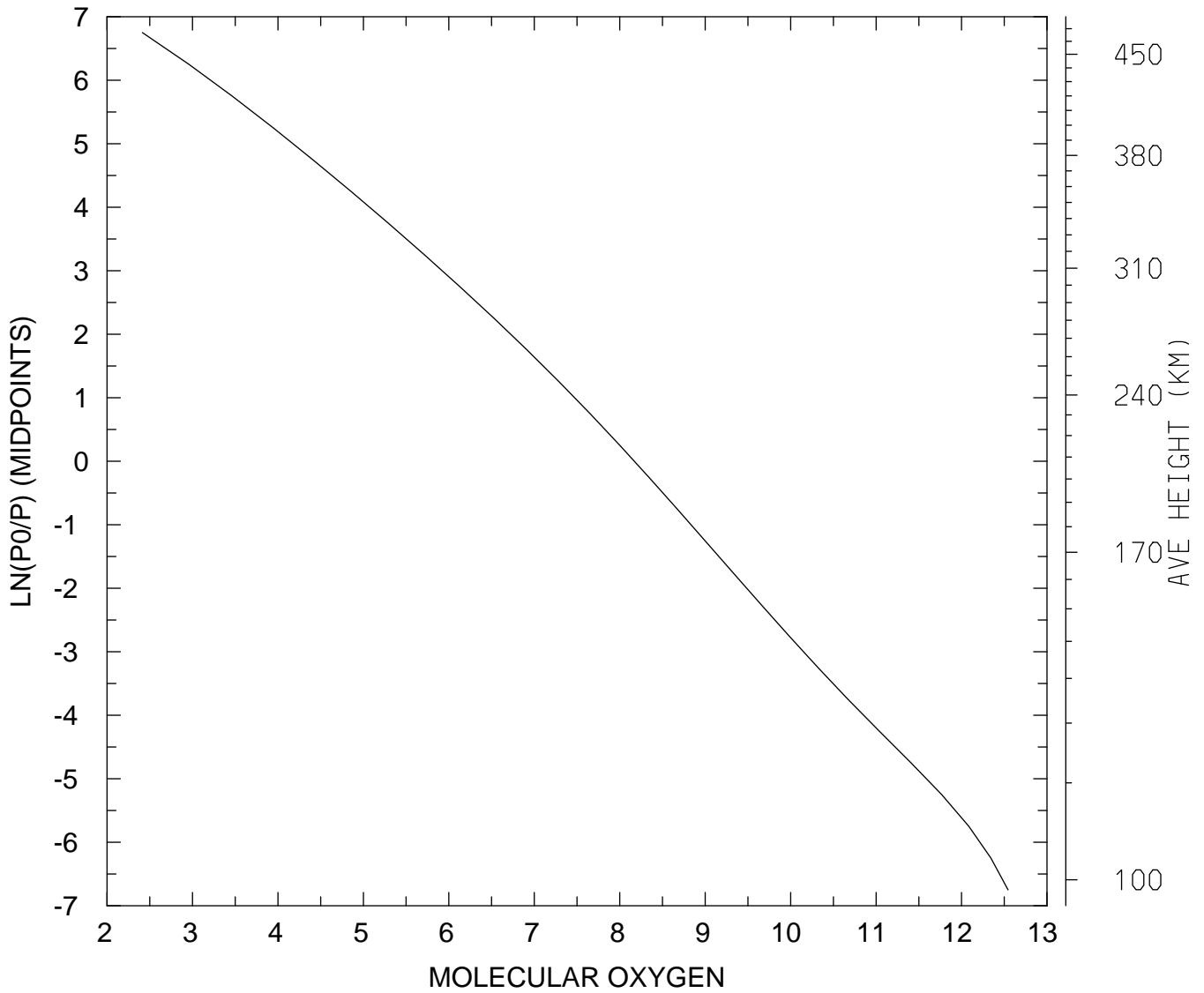
MIN,MAX= 3.4518E+02 3.3699E+12  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



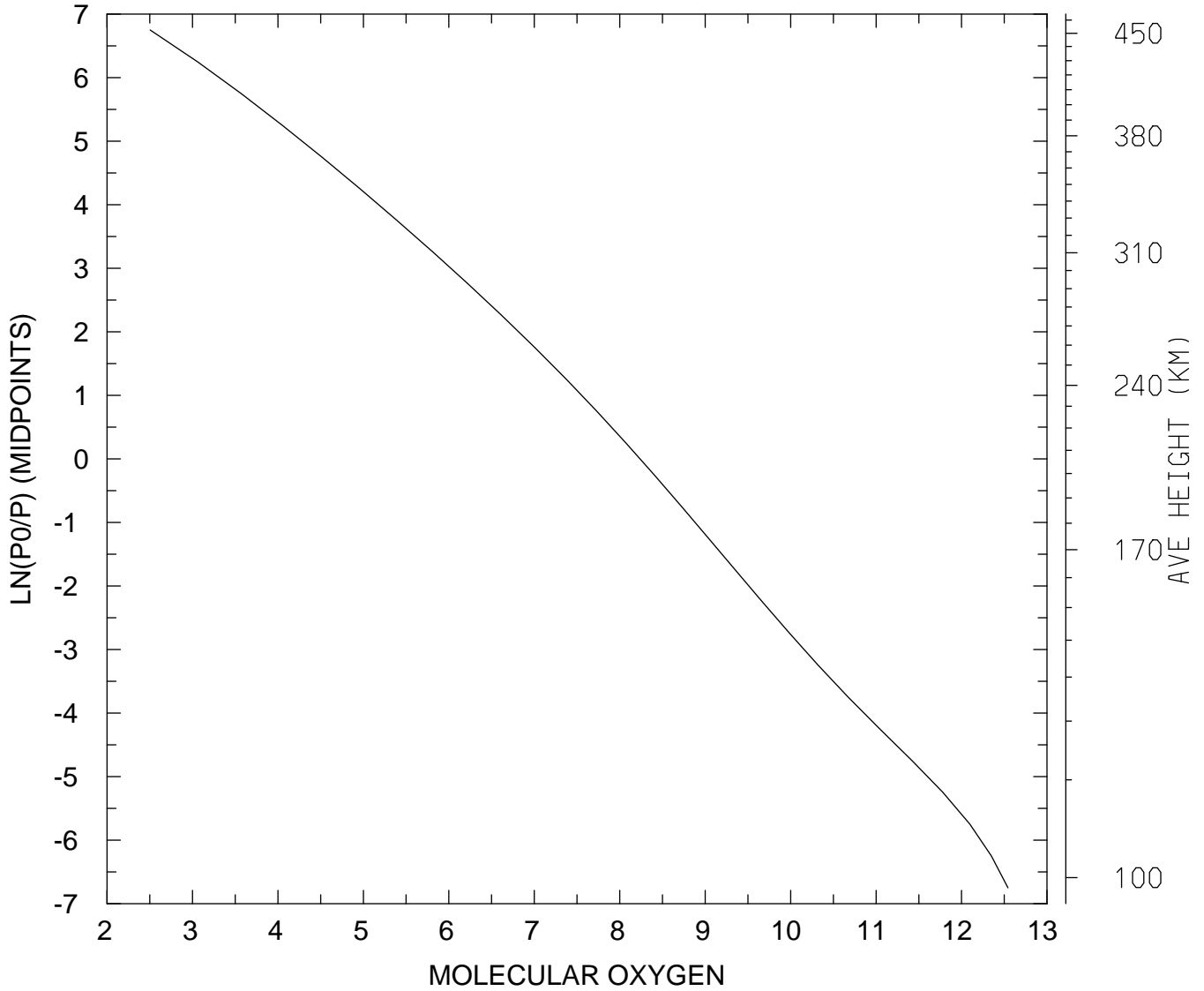
MIN,MAX= 2.4540E+02 3.7033E+12  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



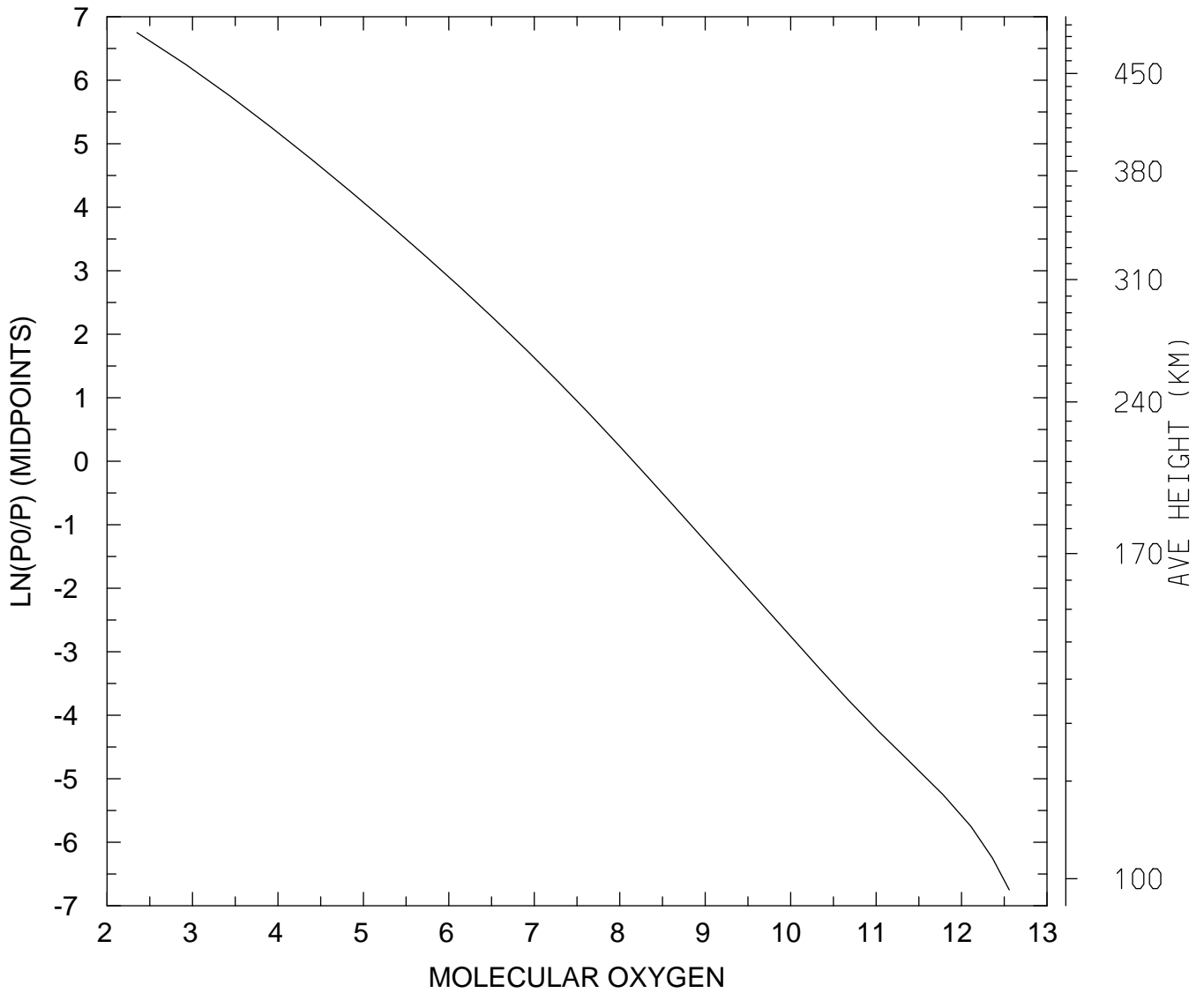
MIN,MAX= 2.5920E+02 3.4981E+12  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



MIN,MAX= 3.1988E+02 3.4898E+12  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

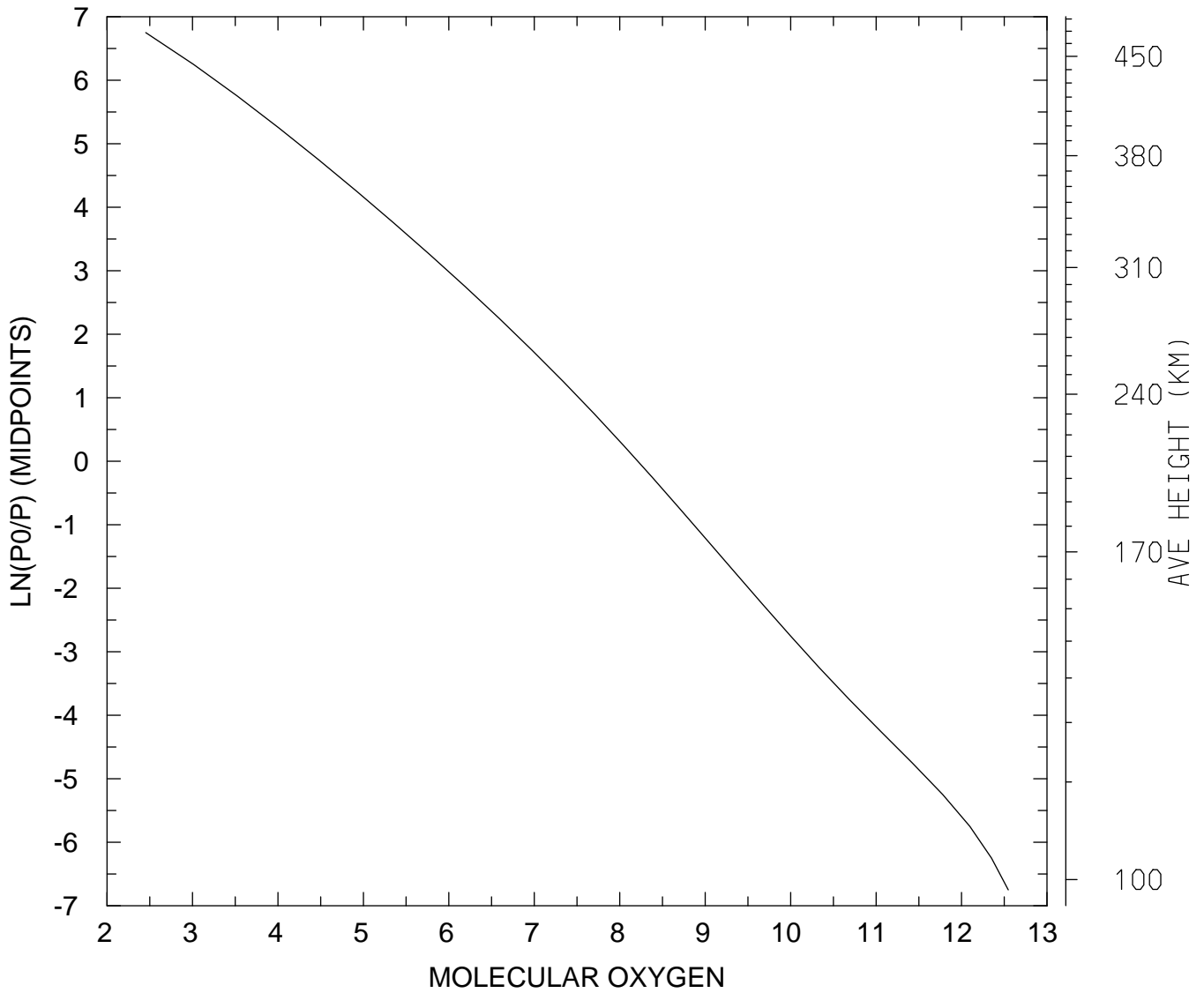
LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



MIN,MAX= 2.2344E+02 3.6155E+12  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

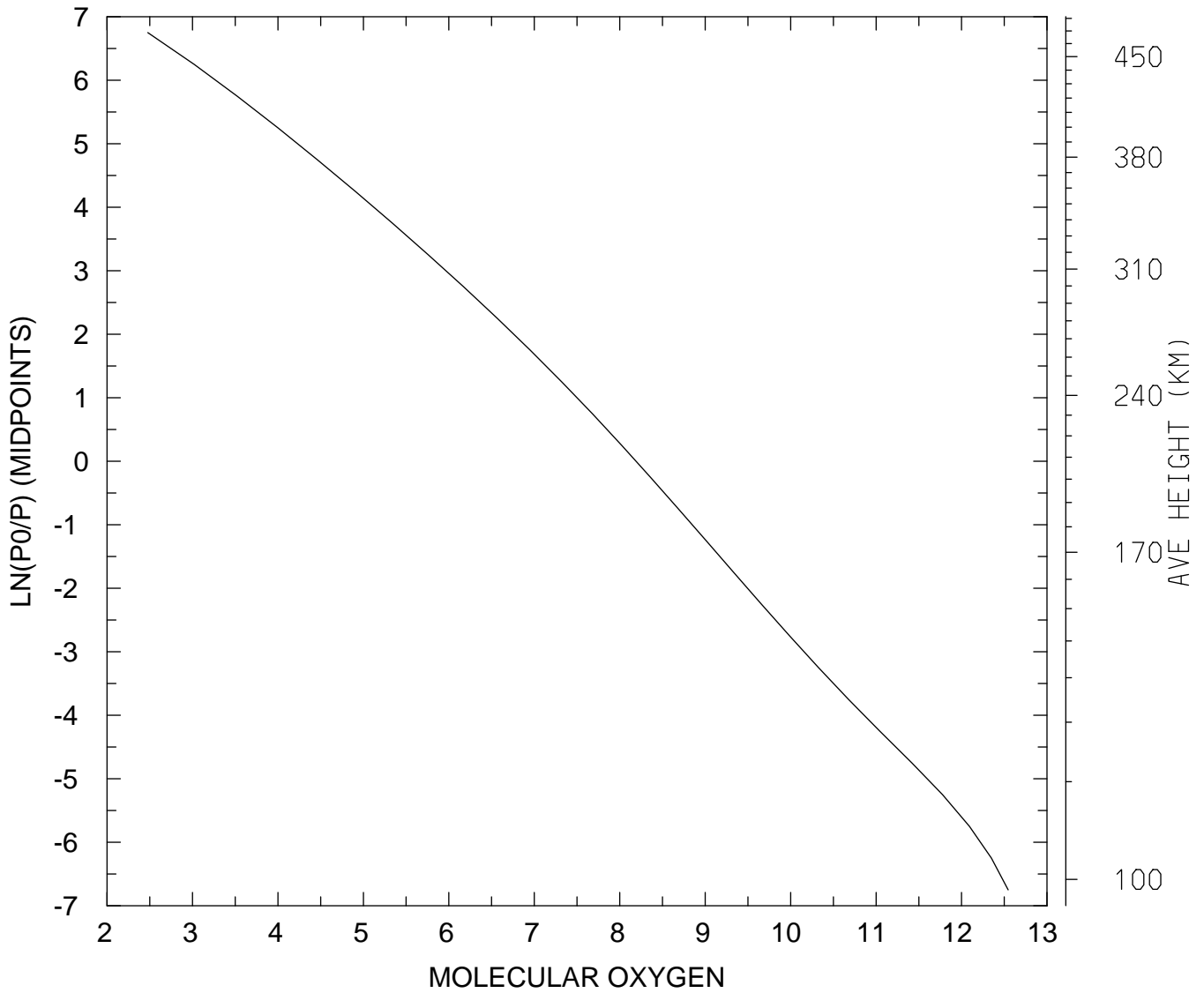


LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



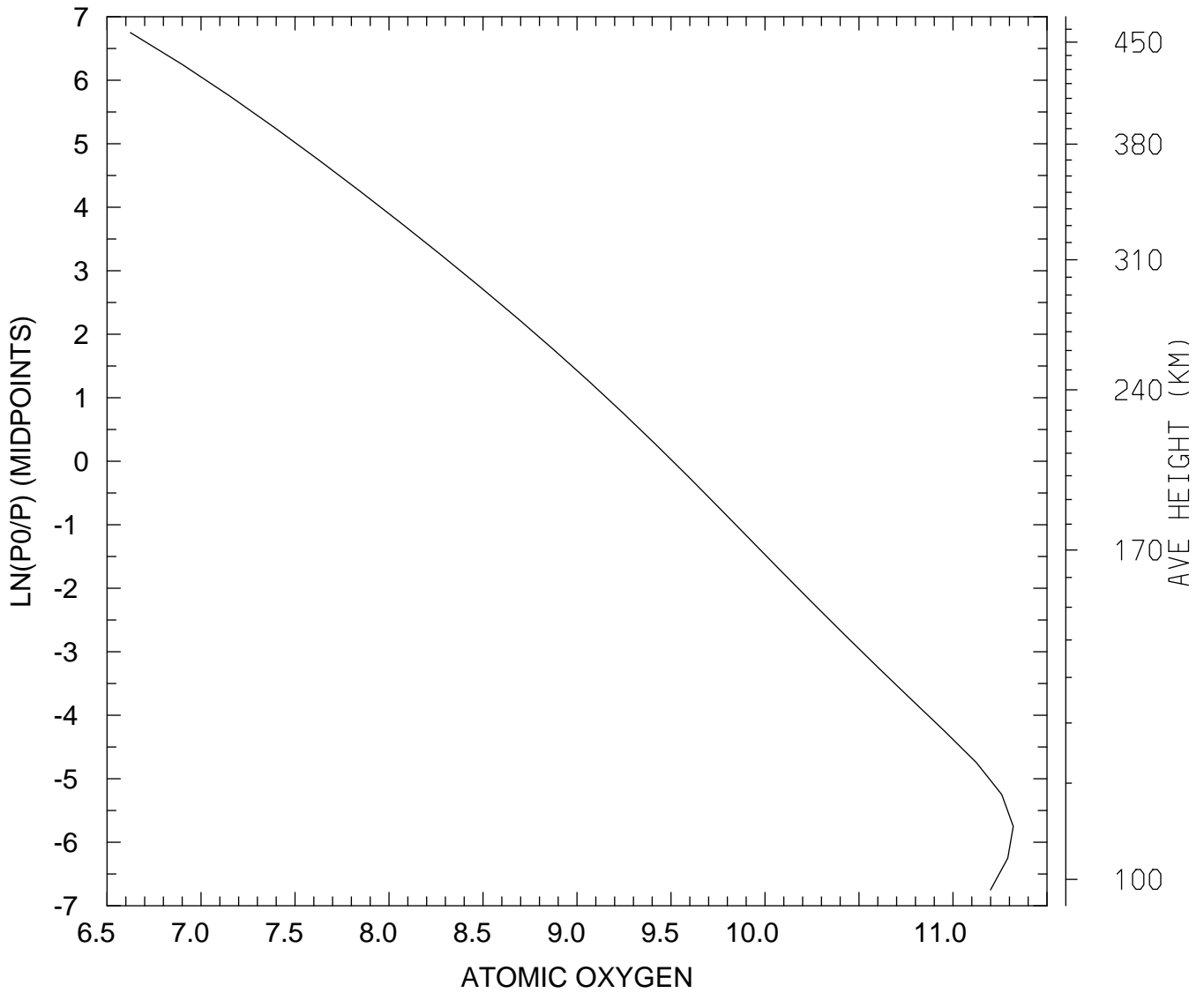
MIN,MAX= 2.8371E+02 3.5161E+12  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 GLOBAL MEANS



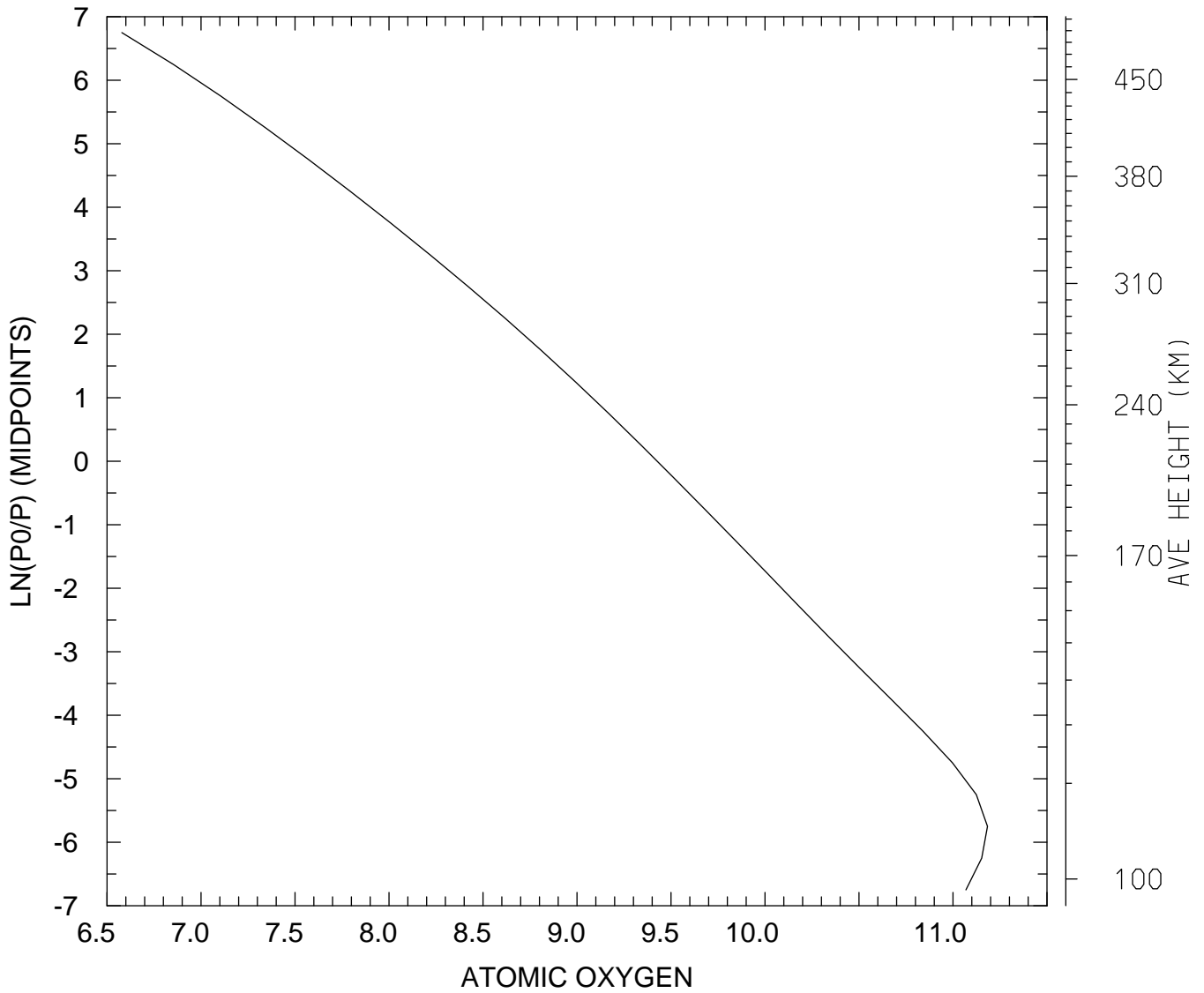
MIN,MAX= 3.0050E+02 3.5078E+12  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS)



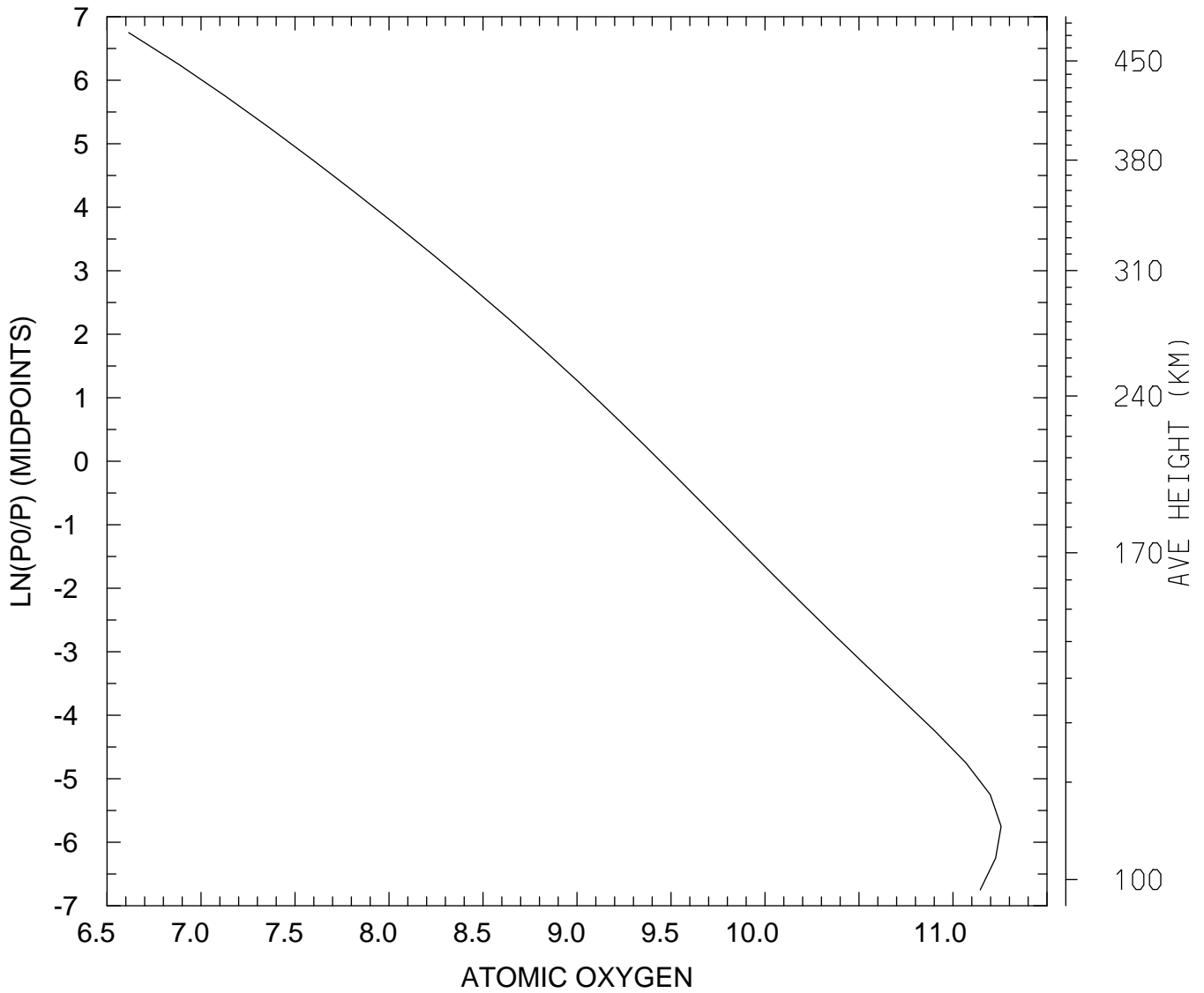
MIN,MAX= 4.2117E+06 2.0928E+11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



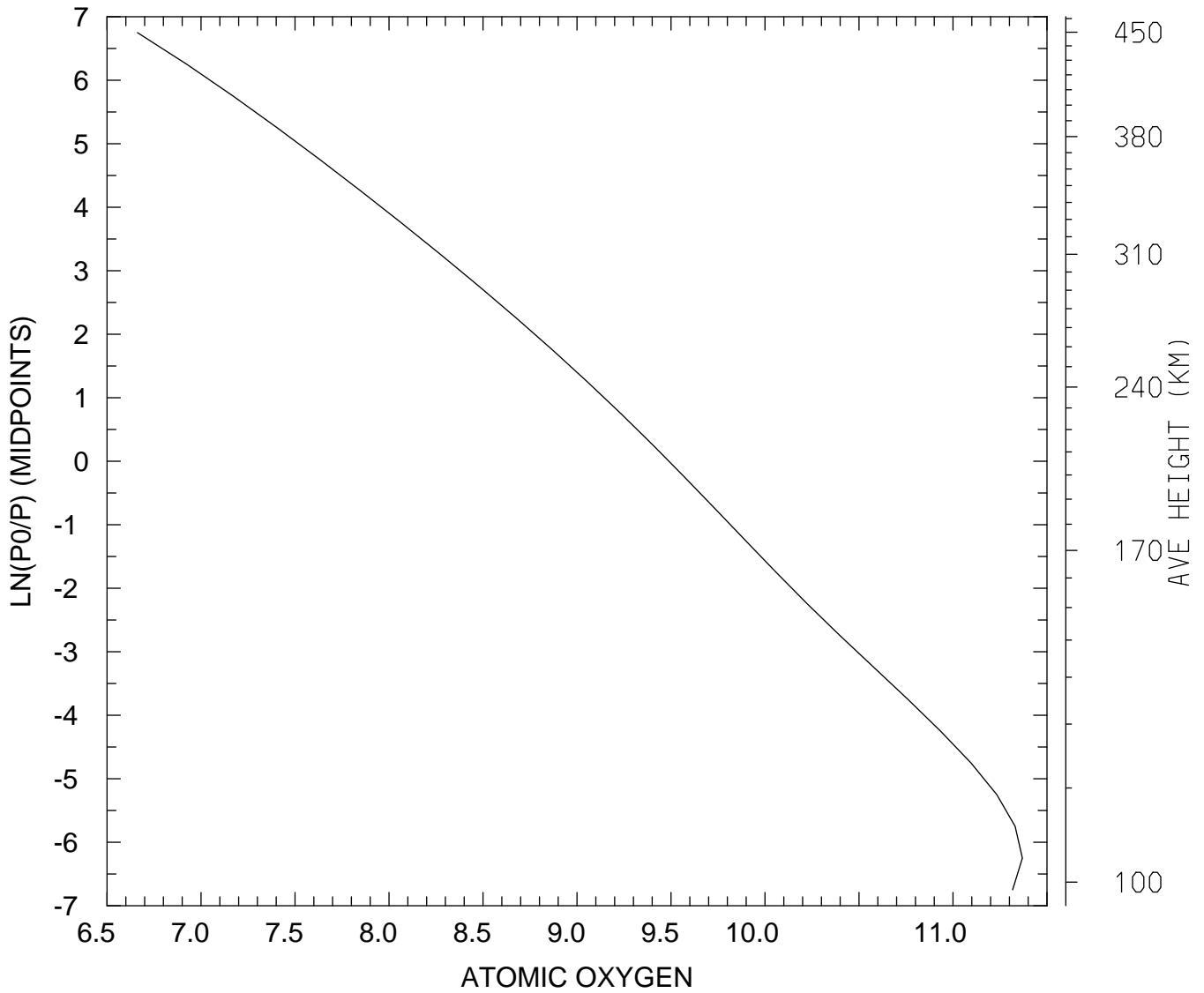
MIN,MAX= 3.7935E+06 1.5263E+11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



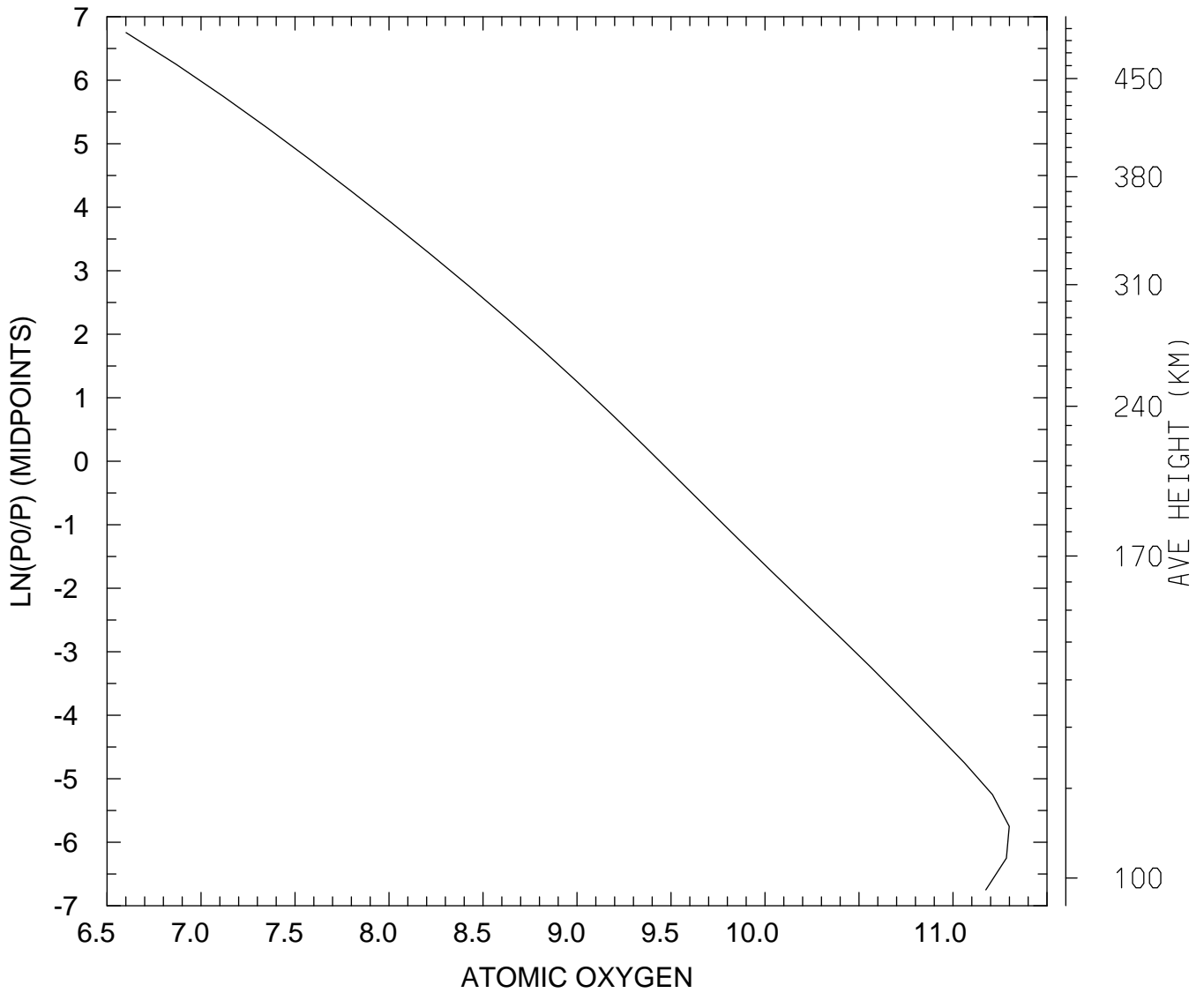
MIN,MAX= 4.1232E+06 1.8019E+11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



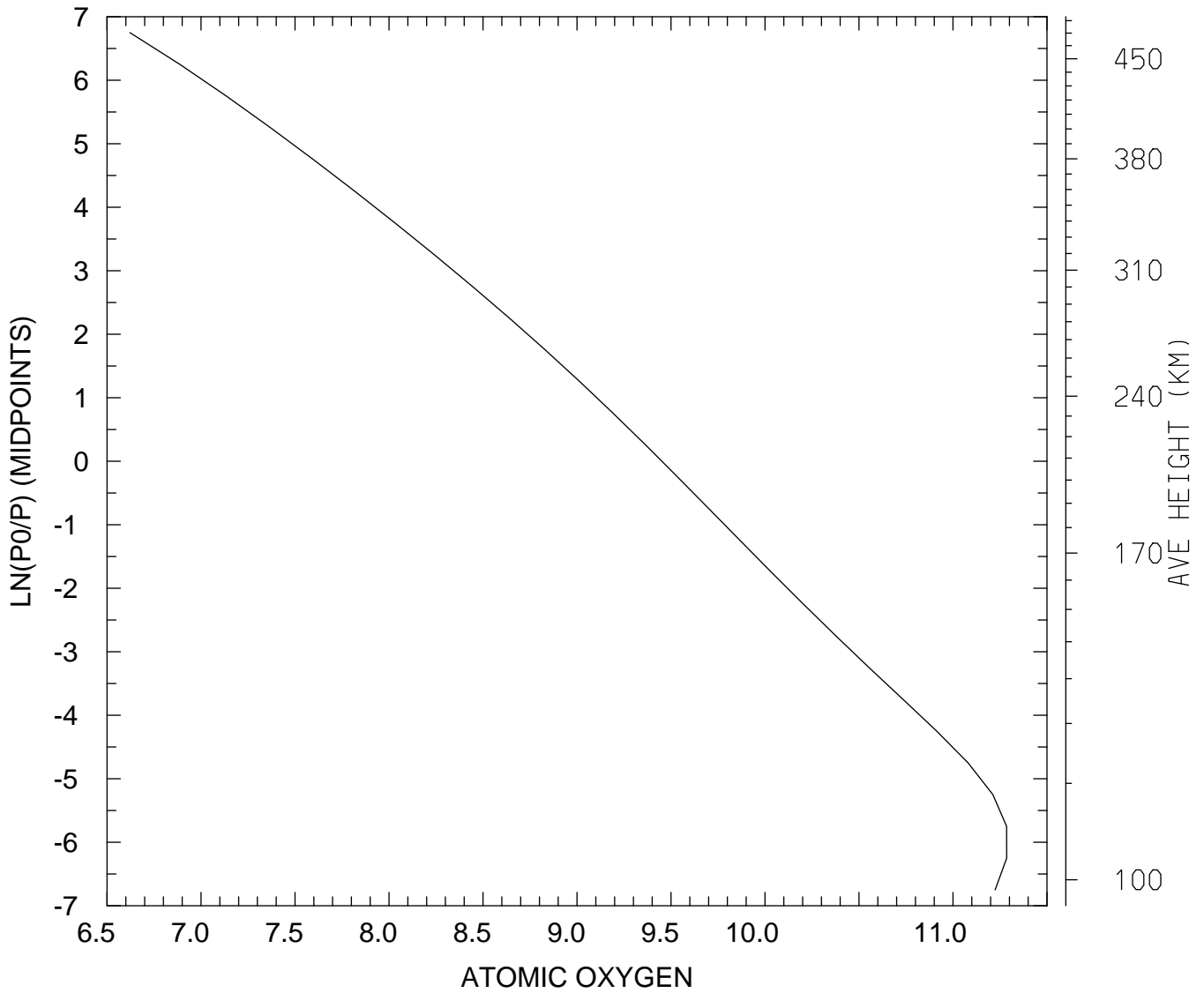
MIN,MAX= 4.5883E+06 2.3387E+11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



MIN,MAX= 3.9912E+06 1.9923E+11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

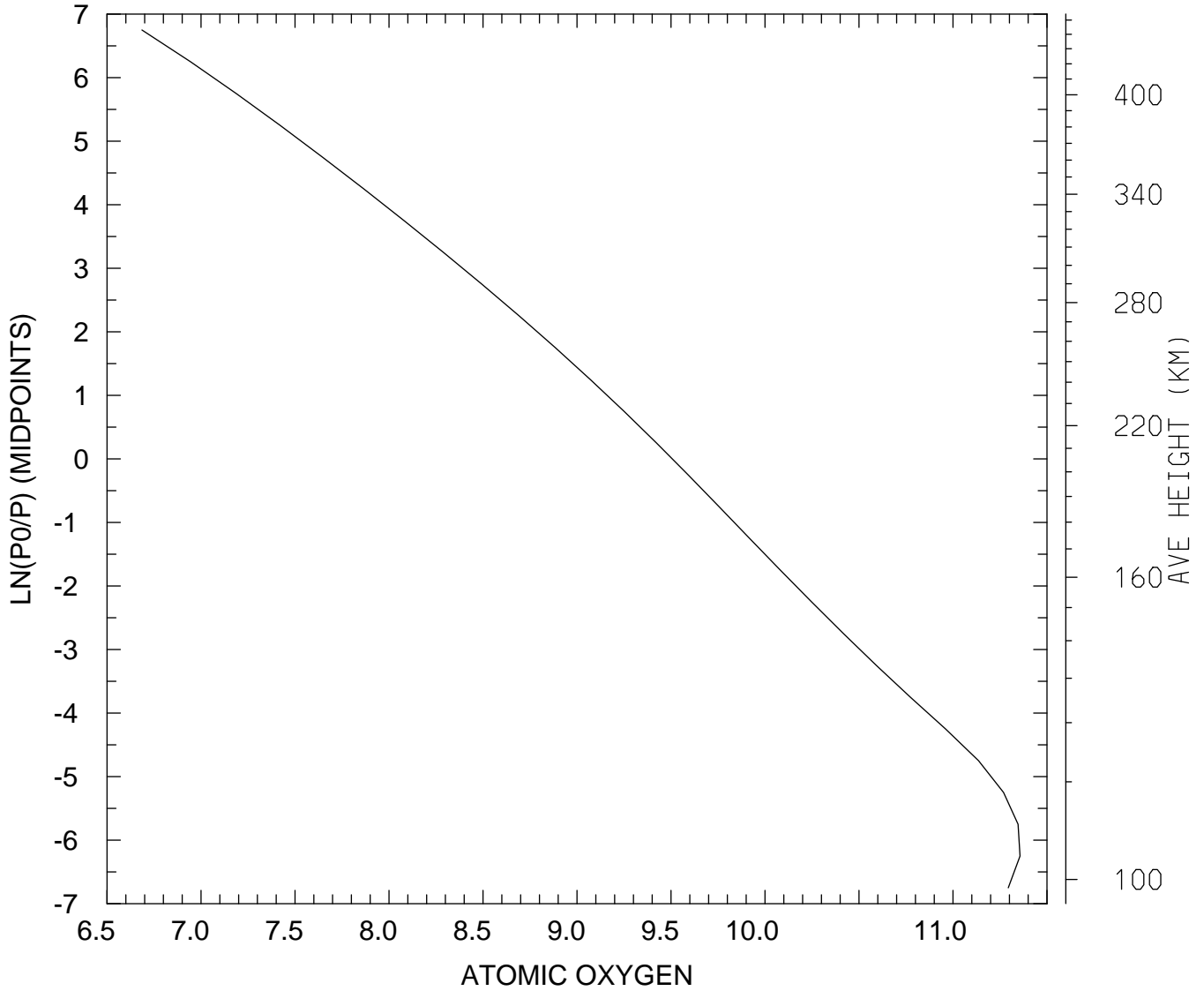
LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



MIN,MAX= 4.1816E+06 1.9291E+11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

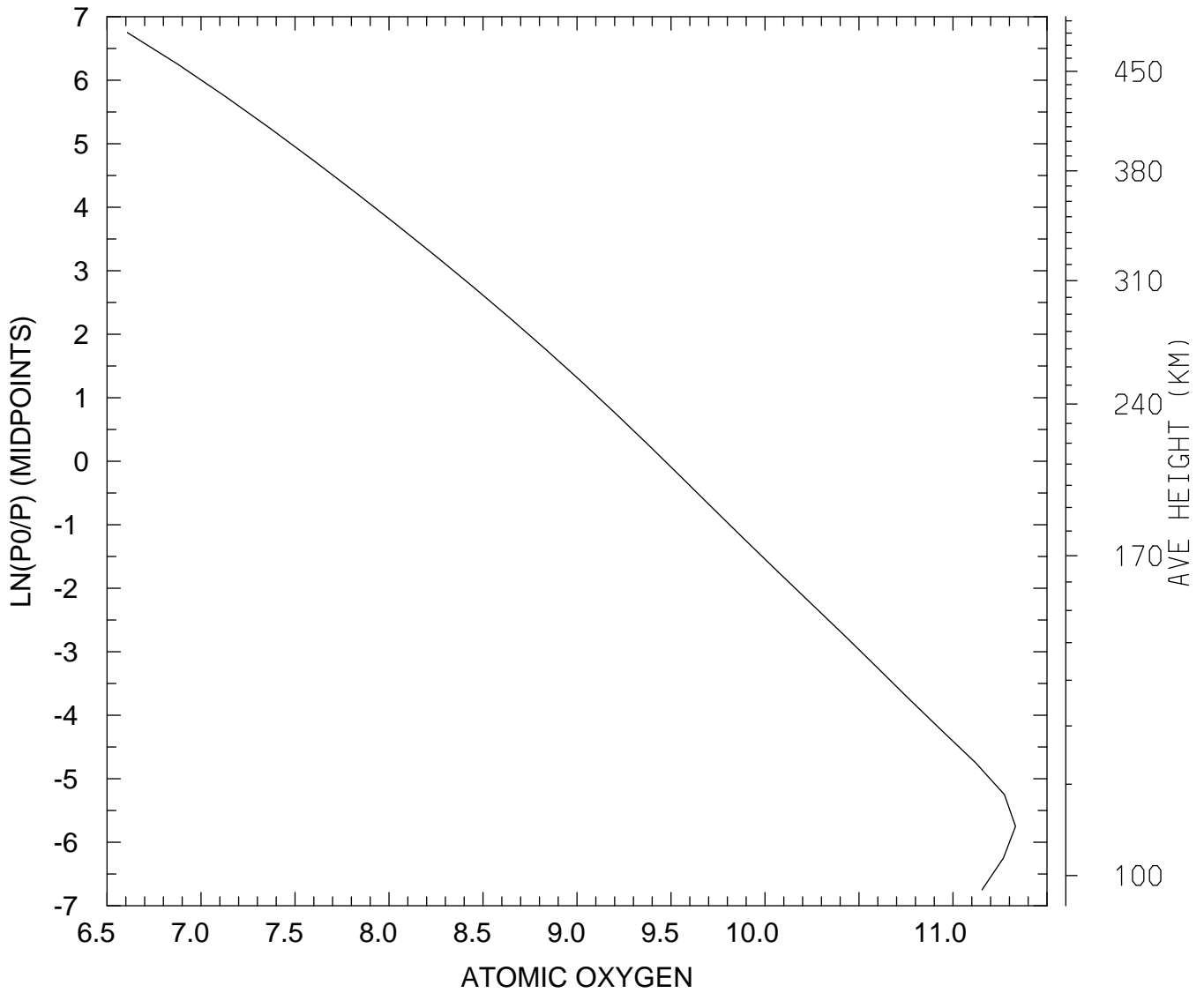


LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



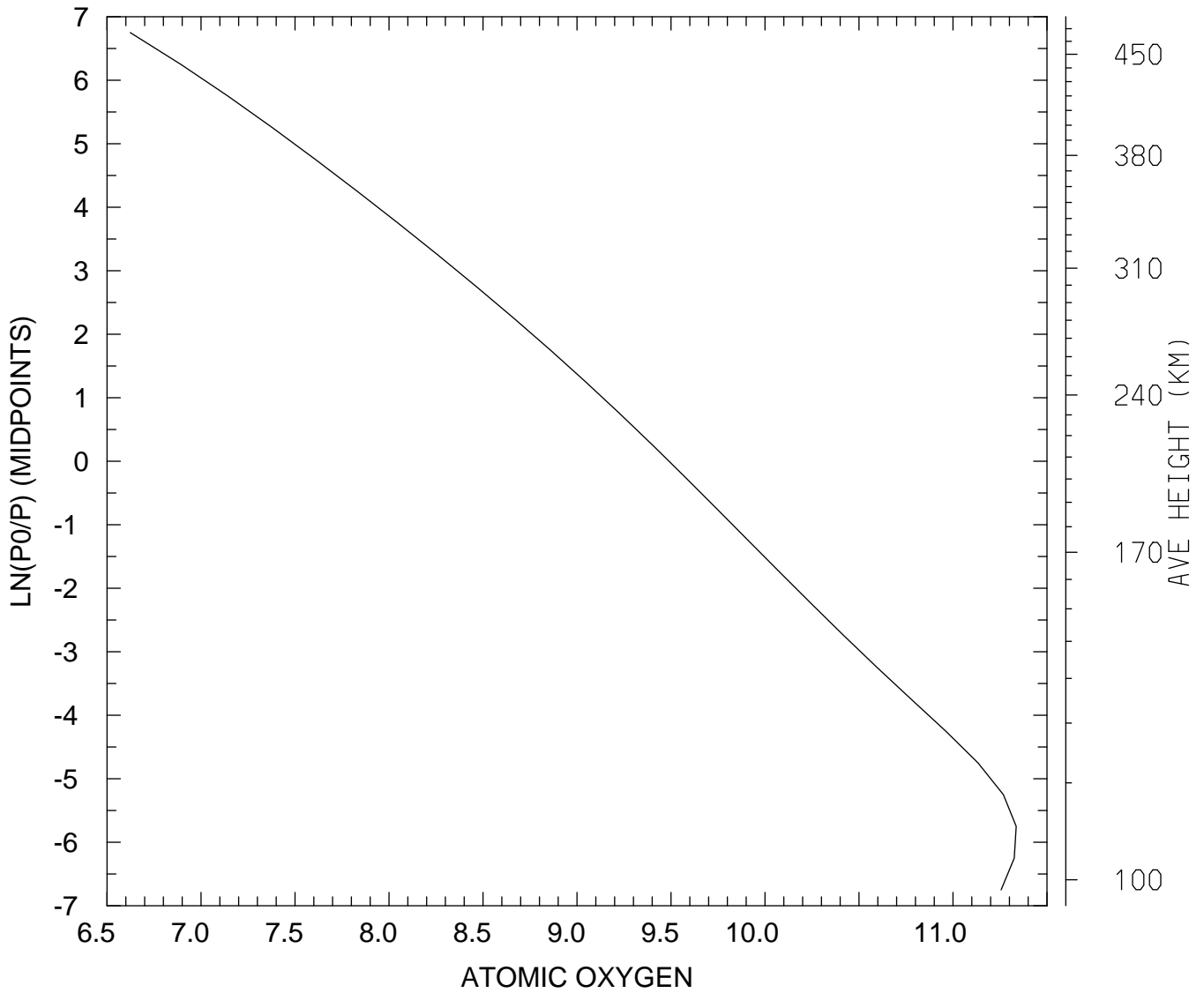
MIN,MAX= 4.8466E+06 2.2715E+11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



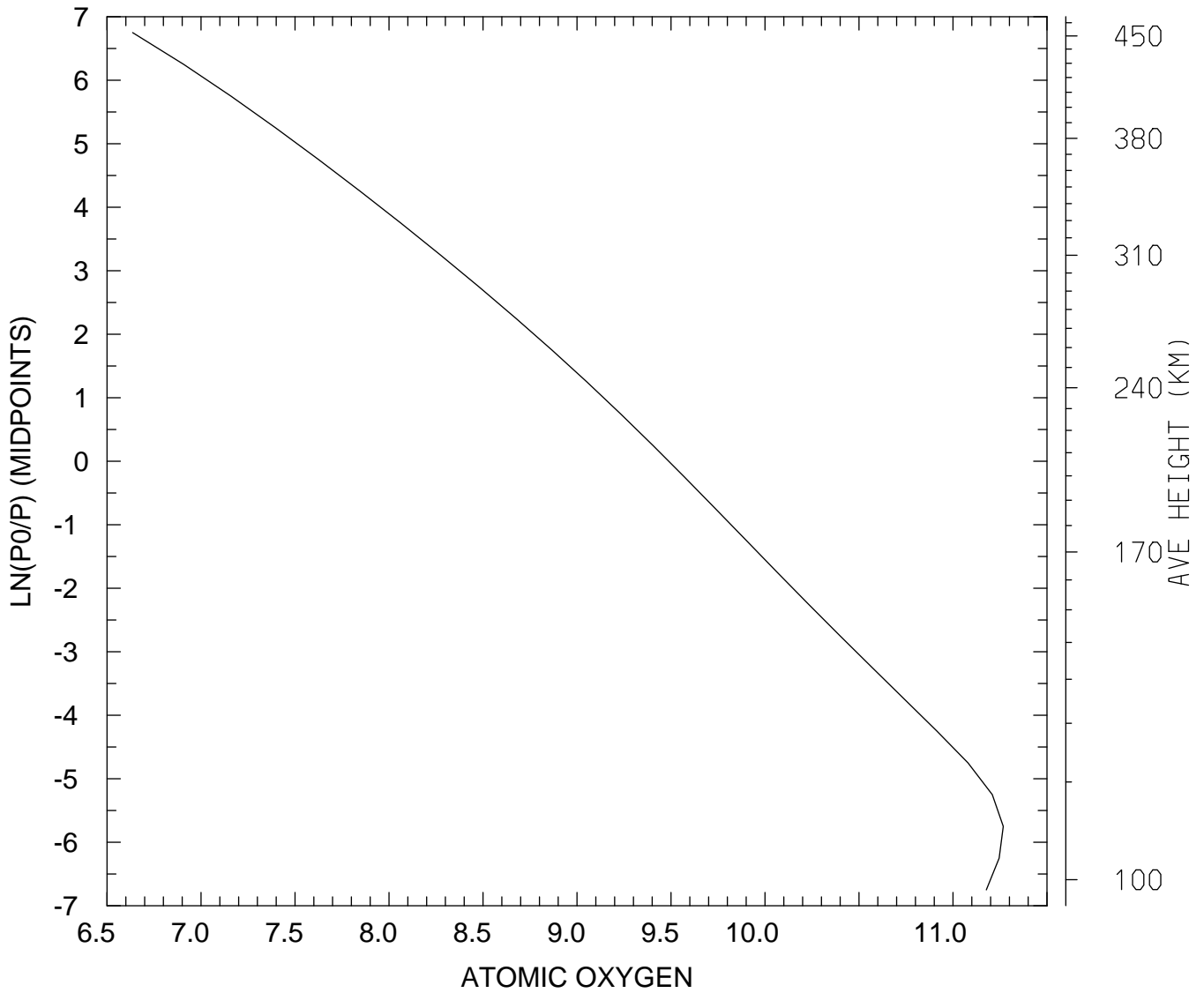
MIN,MAX= 4.0624E+06 2.1502E+11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



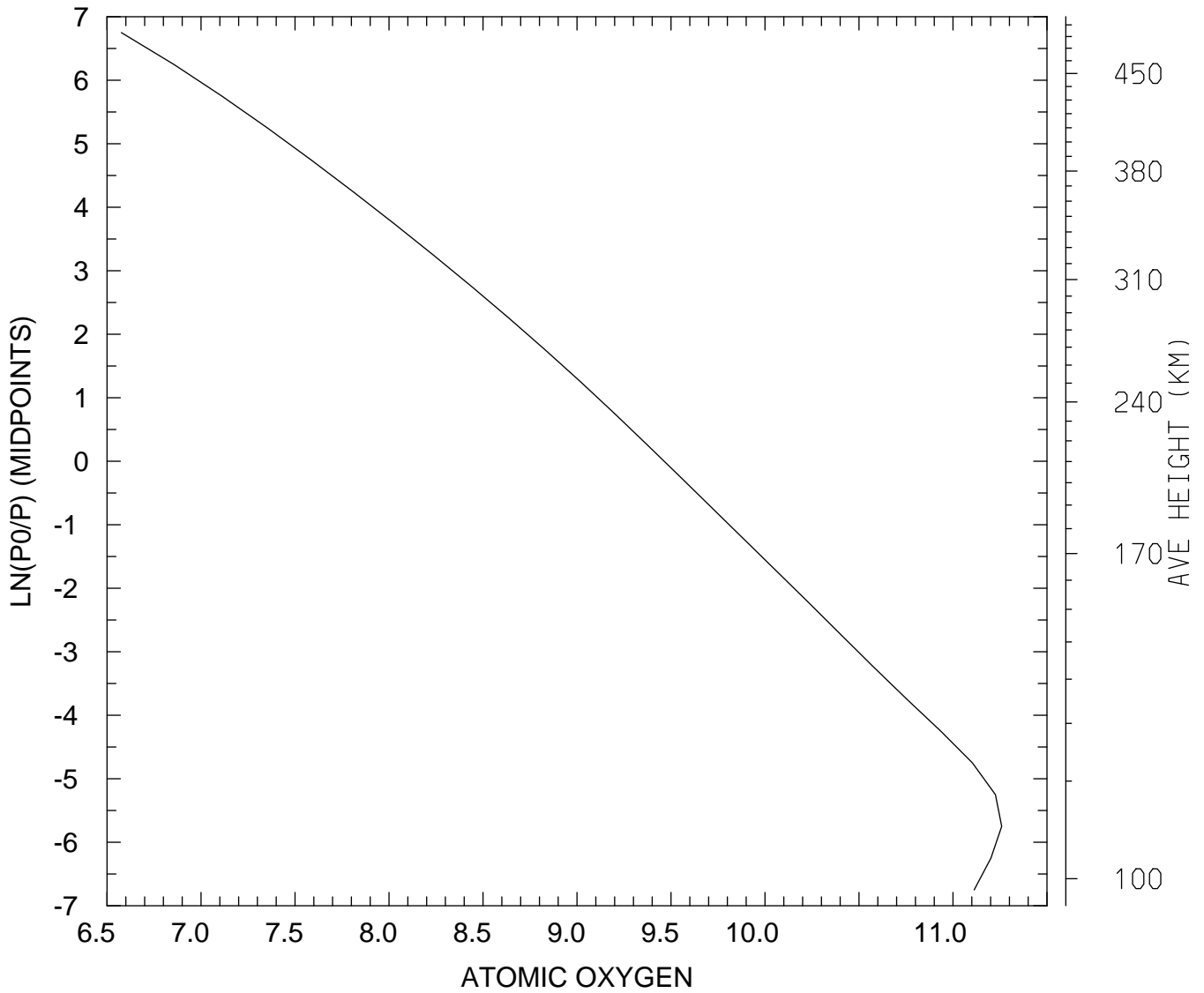
MIN,MAX= 4.2022E+06 2.1687E+11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



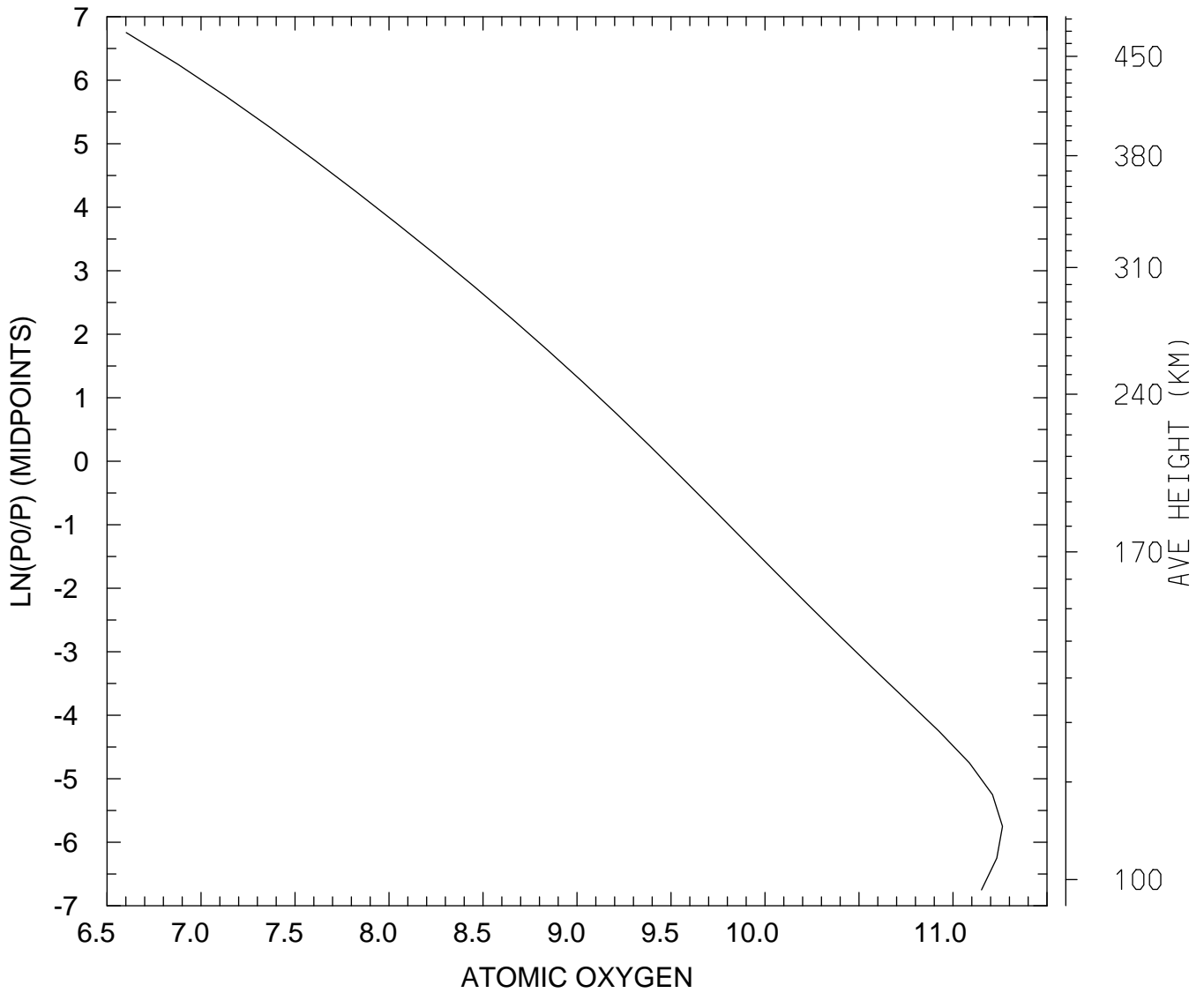
MIN,MAX= 4.3287E+06 1.8495E+11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



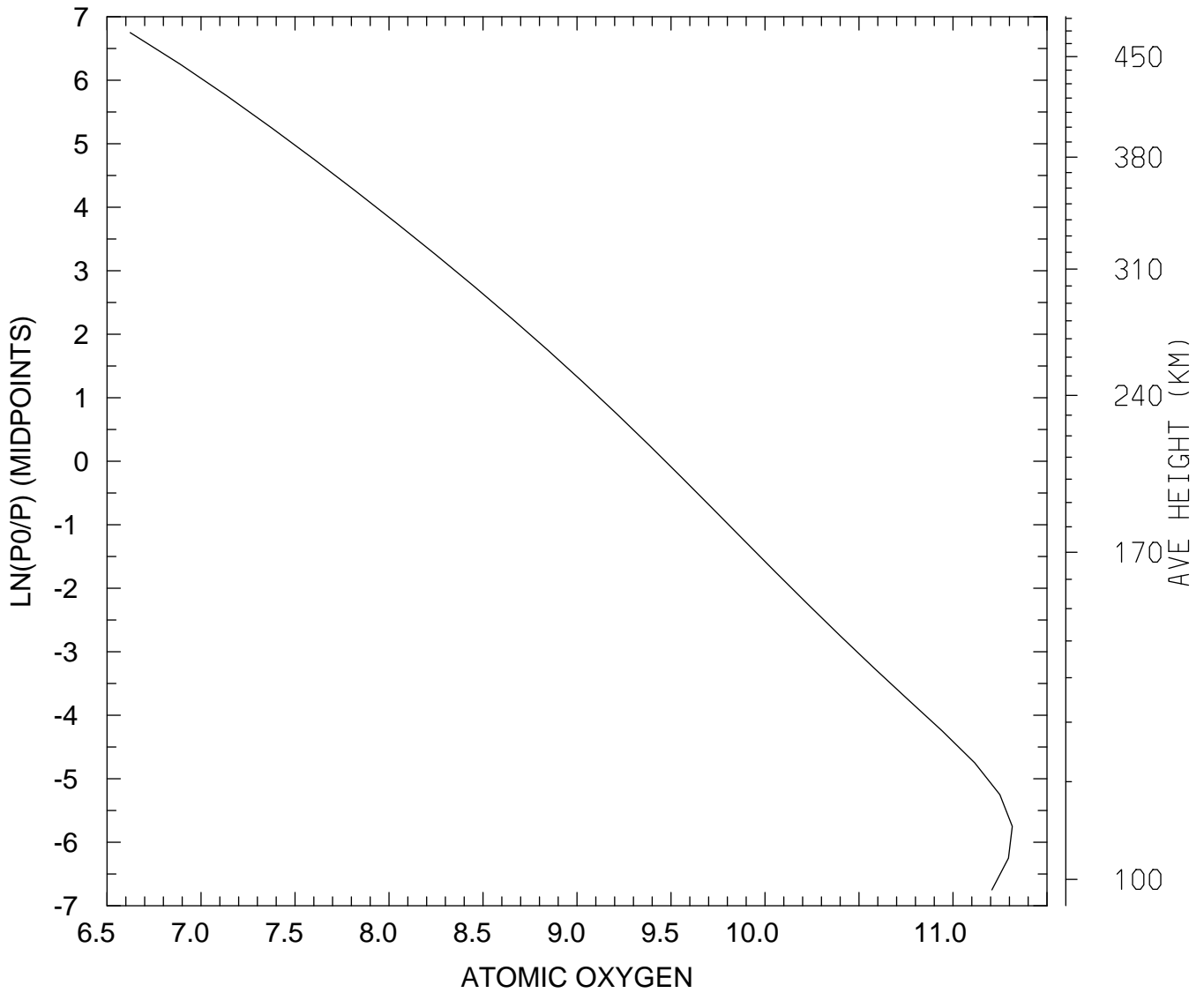
MIN,MAX= 3.7669E+06 1.8161E+11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



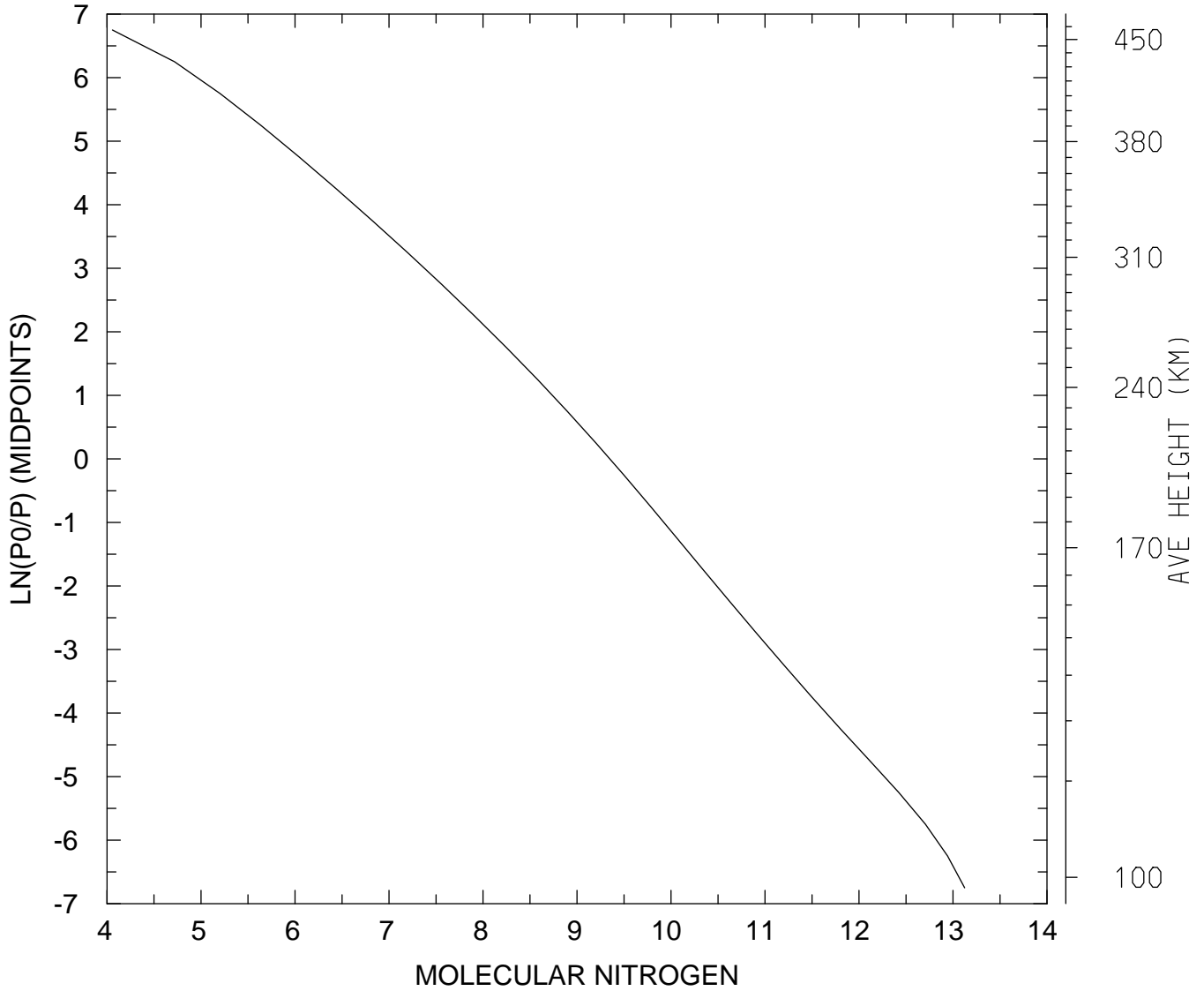
MIN,MAX= 4.0026E+06 1.8323E+11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 GLOBAL MEANS



MIN,MAX= 4.2005E+06 2.0671E+11  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

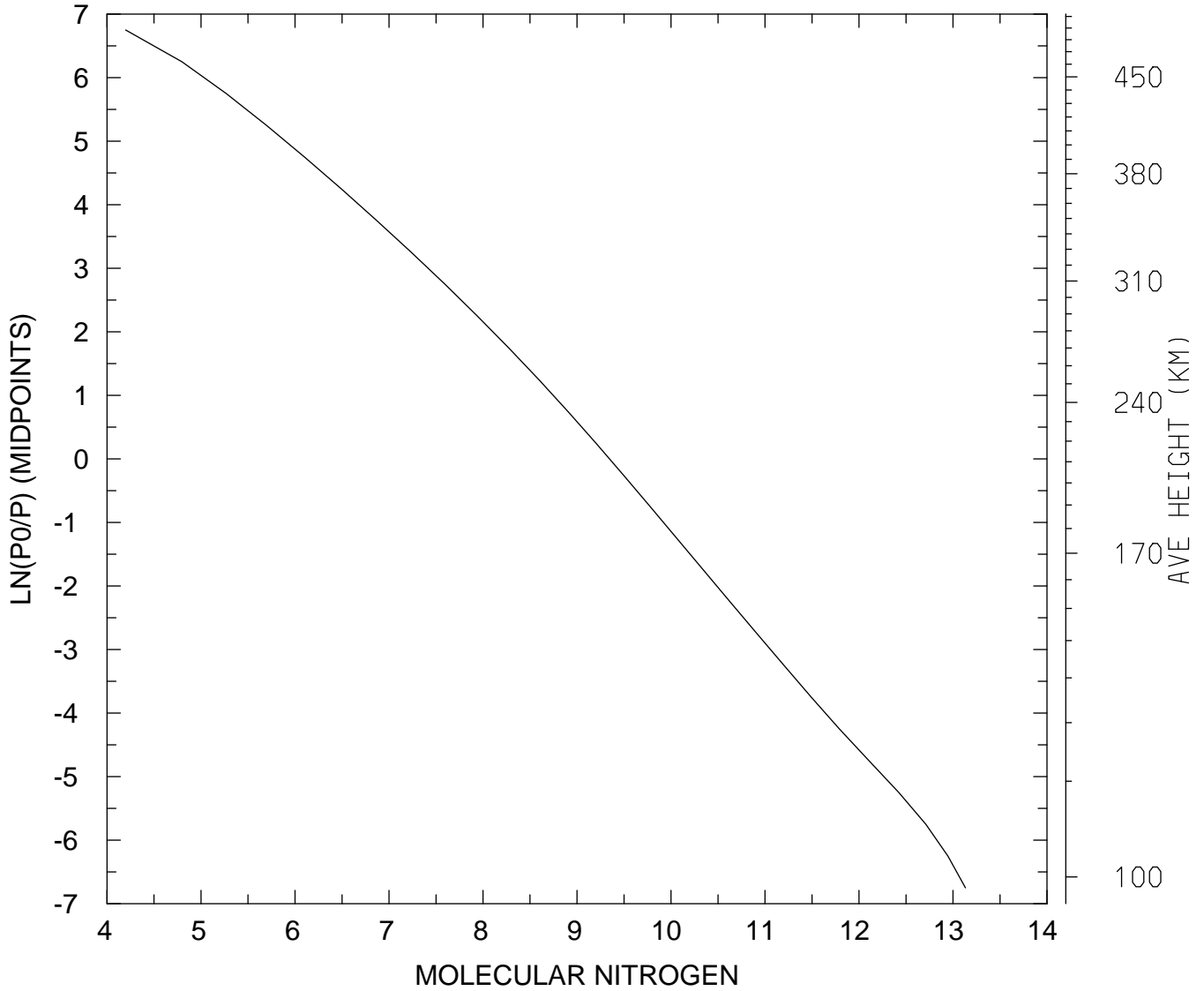
LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



MIN,MAX= 1.1404E+04 1.3306E+13  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

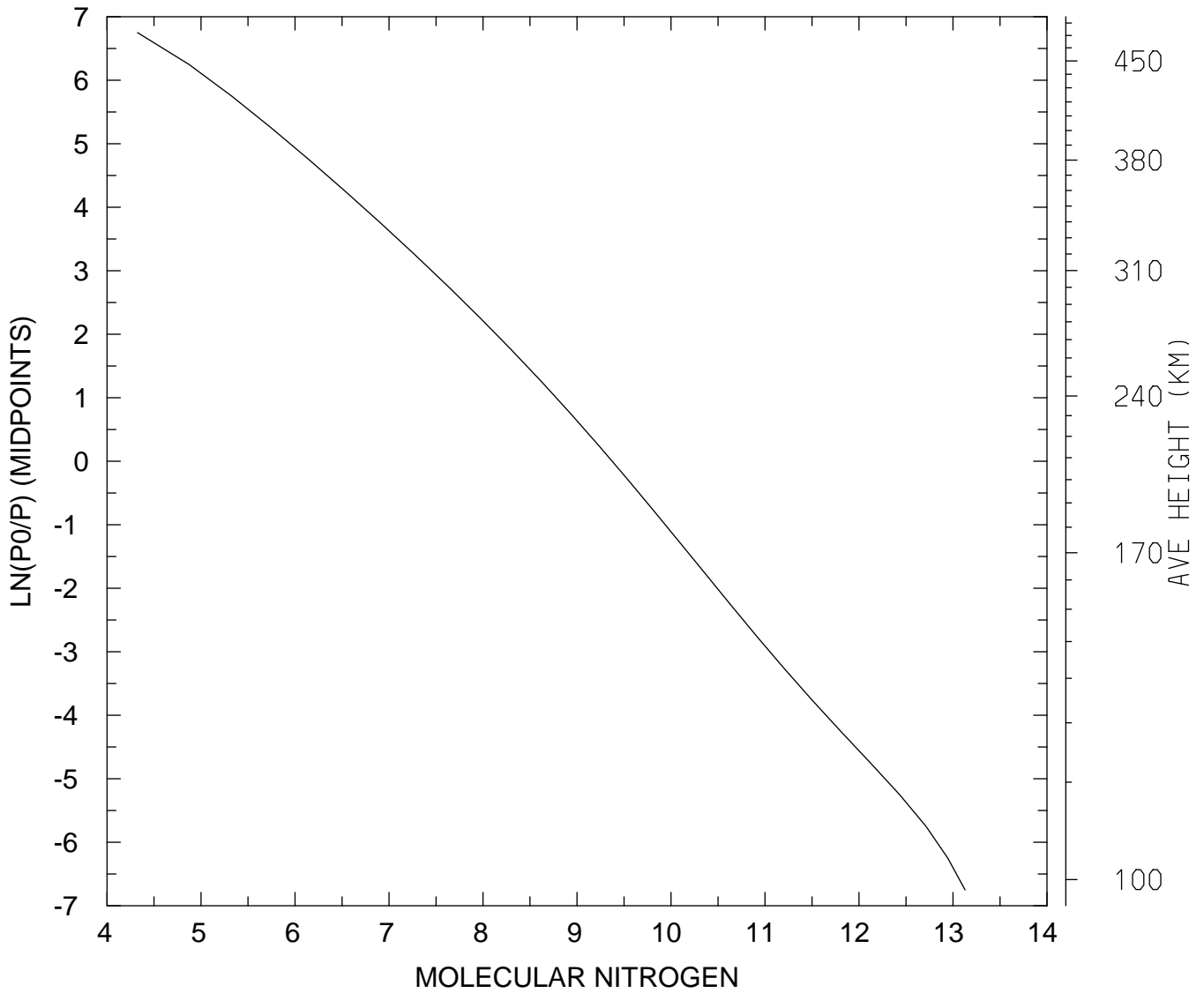


LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



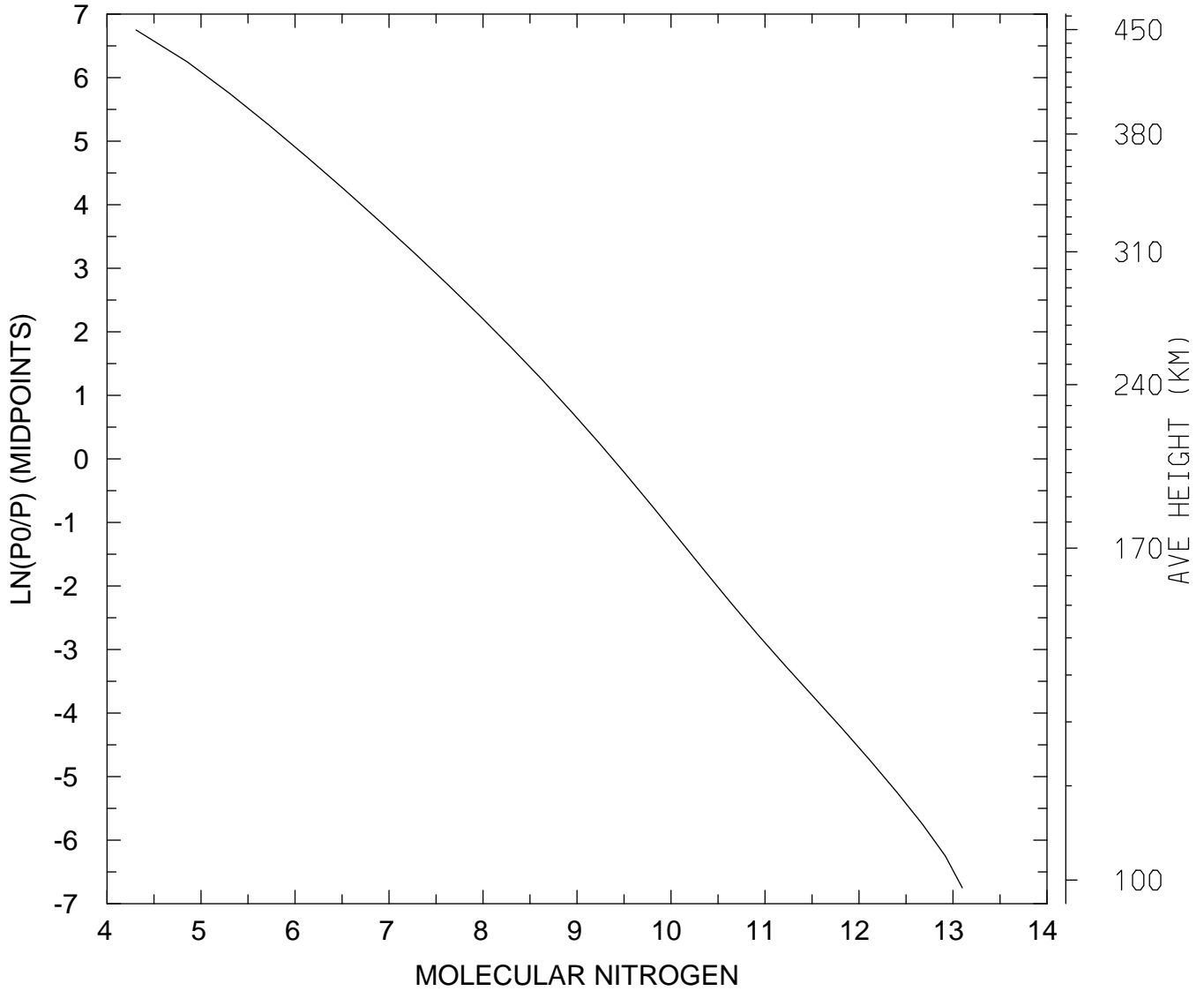
MIN,MAX= 1.5777E+04 1.3553E+13  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



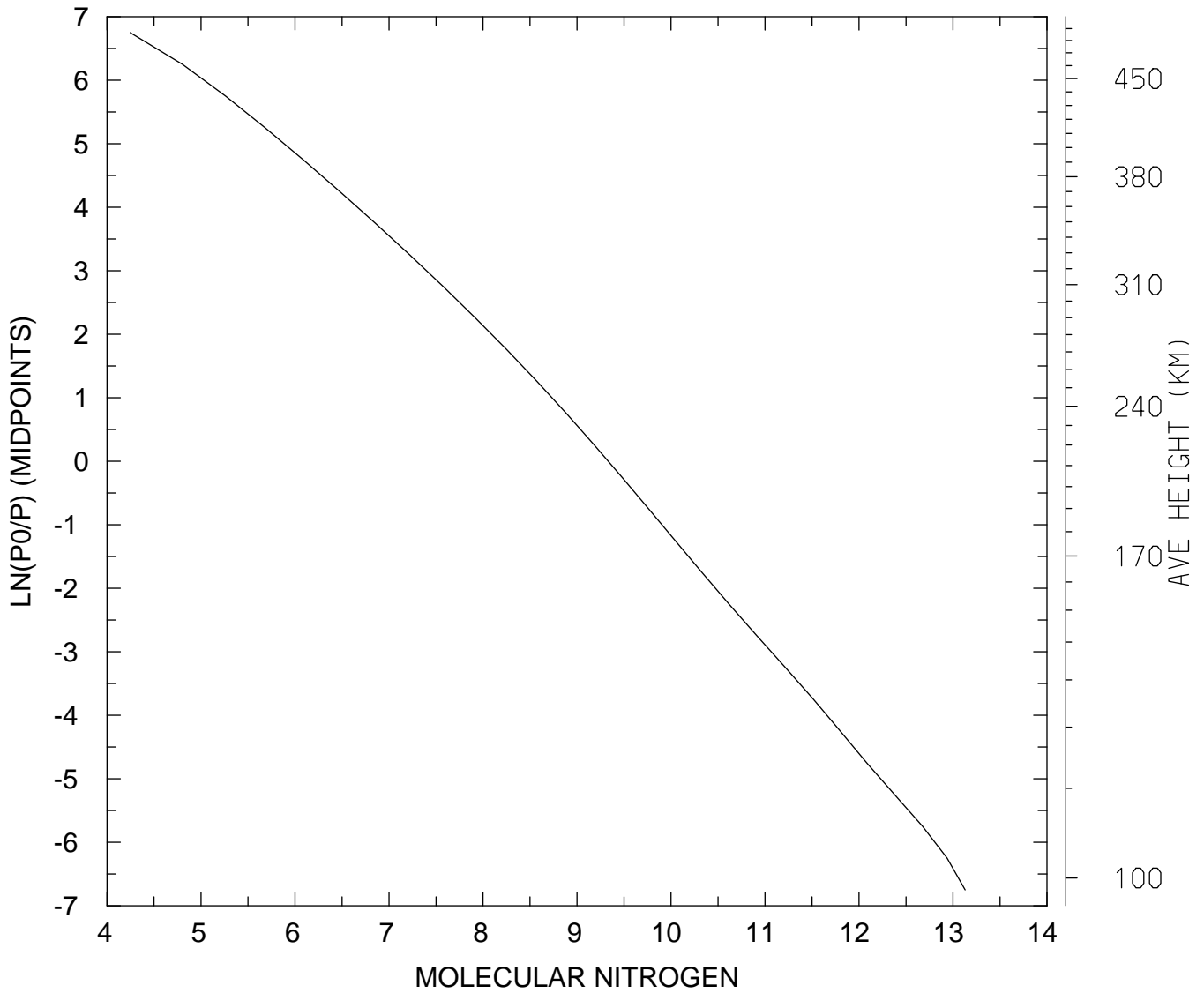
MIN,MAX= 2.1102E+04 1.3437E+13  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



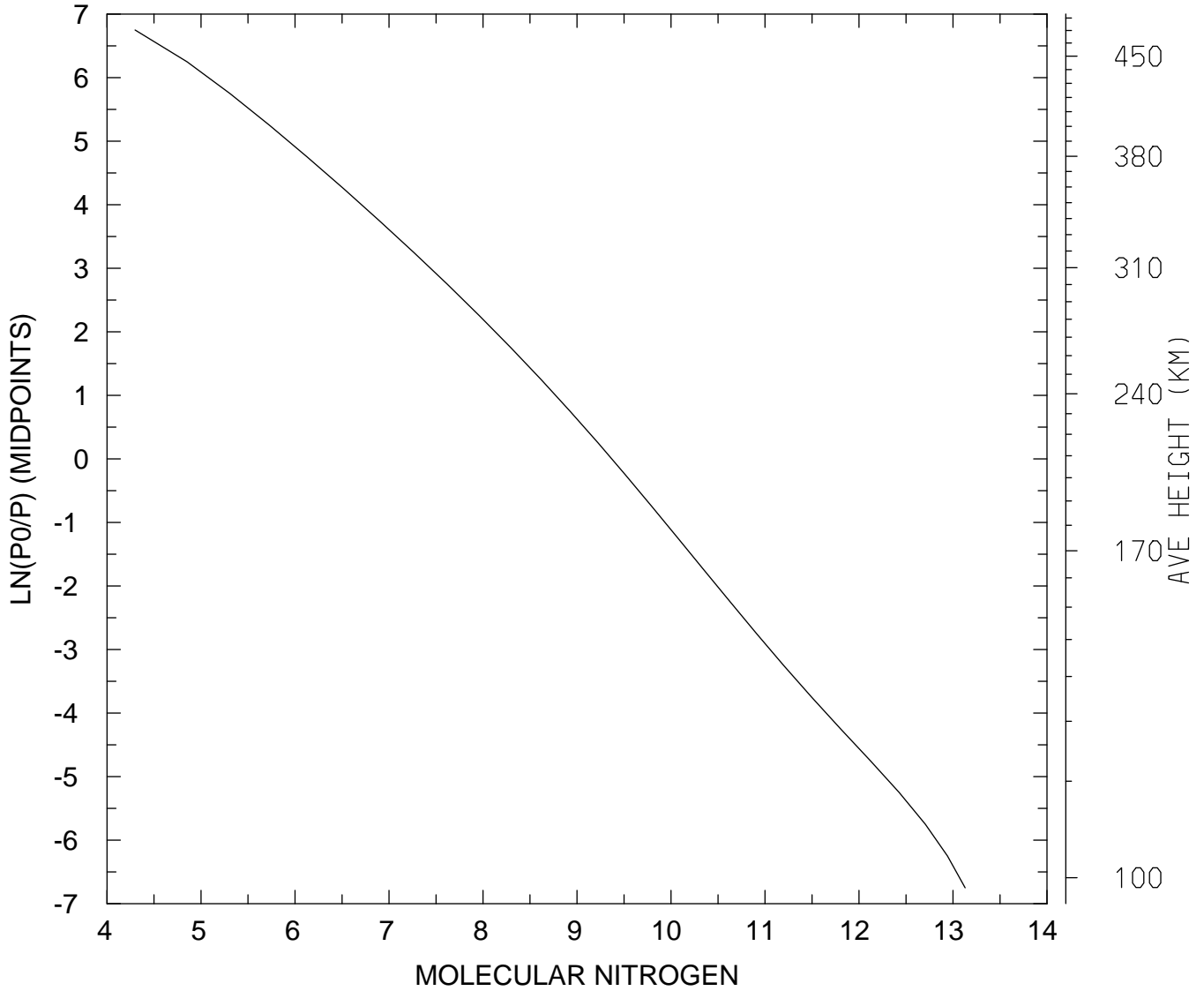
MIN,MAX= 2.0368E+04 1.2535E+13  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



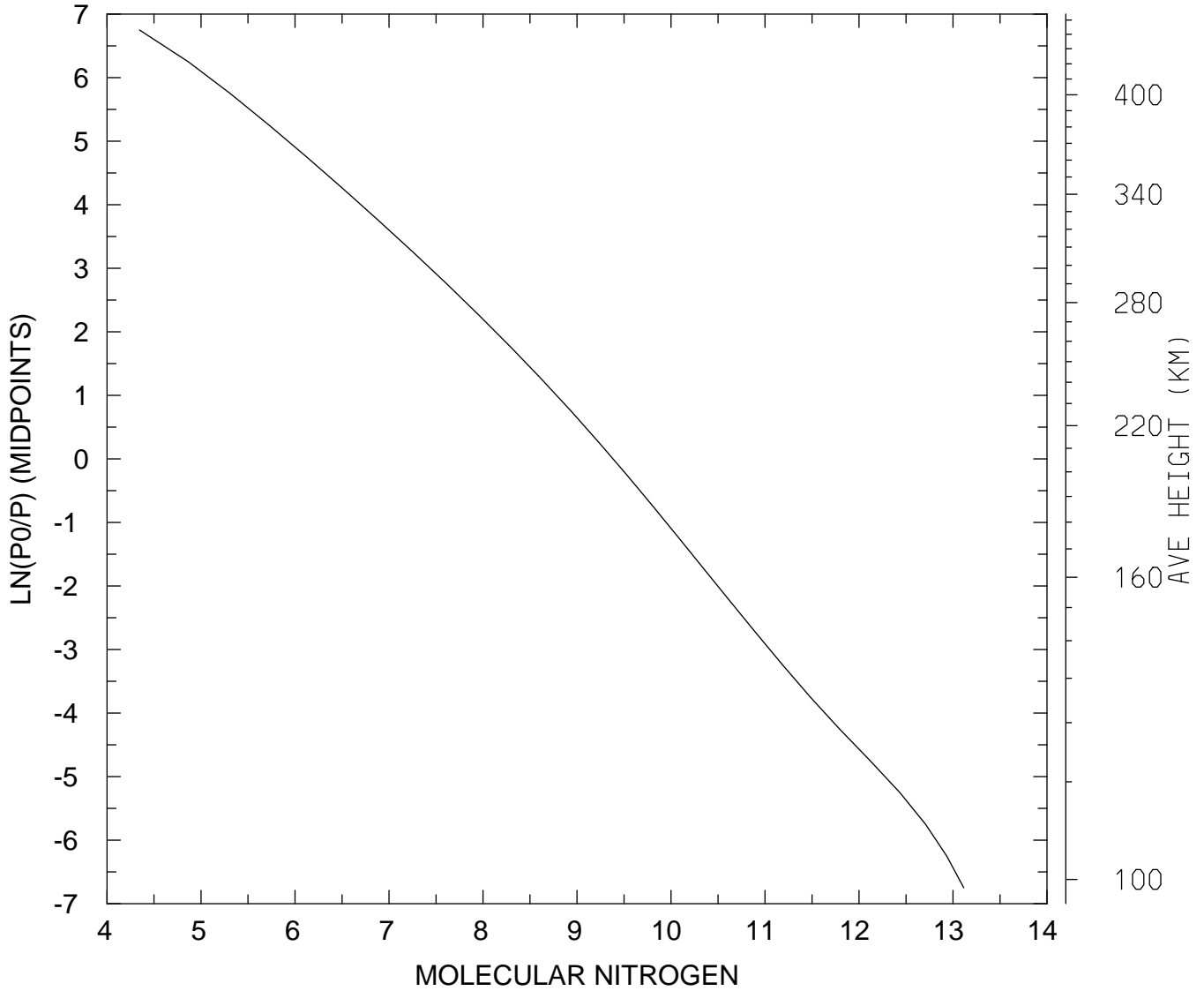
MIN,MAX= 1.7637E+04 1.3464E+13  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



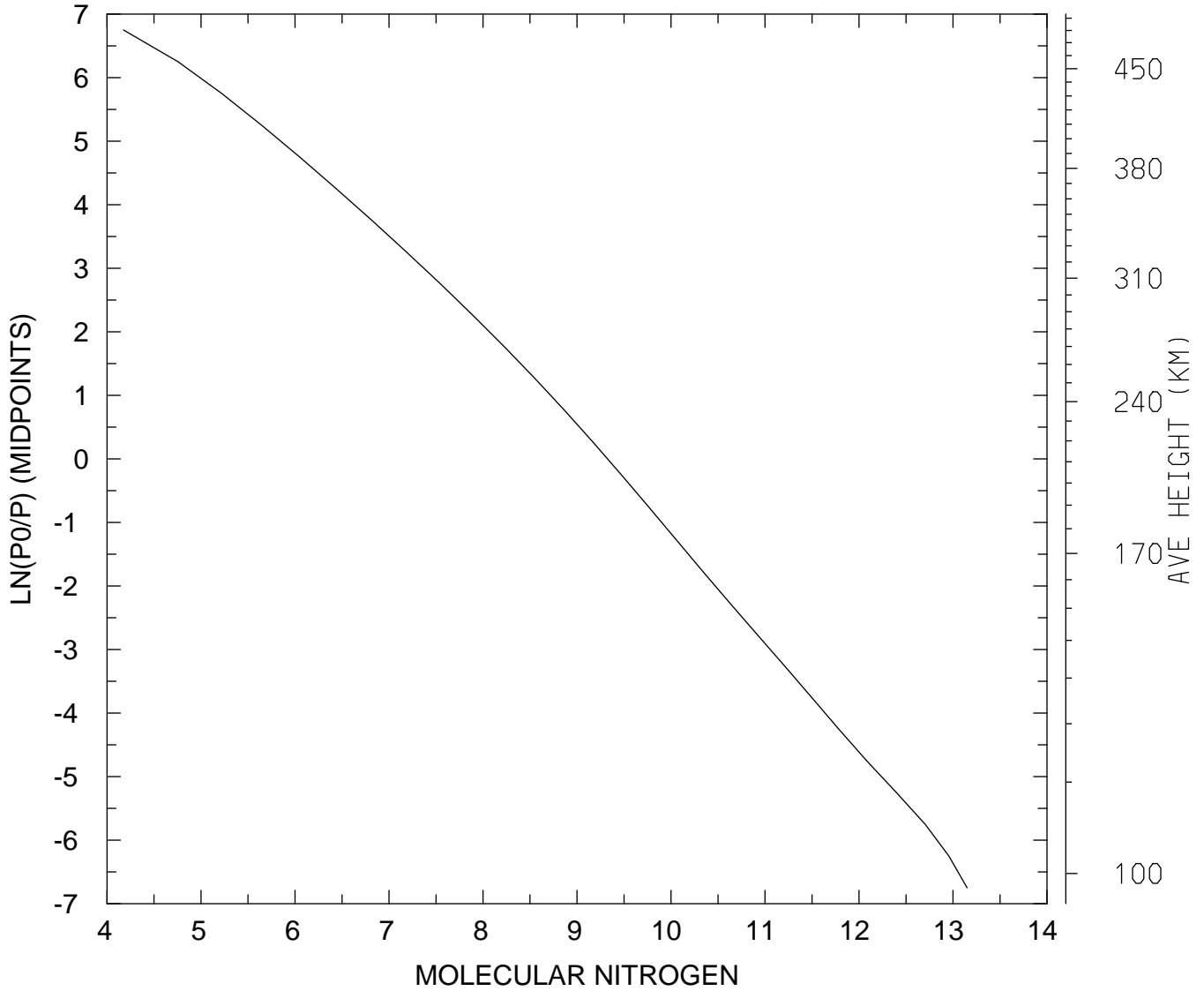
MIN,MAX= 1.9881E+04 1.3450E+13  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



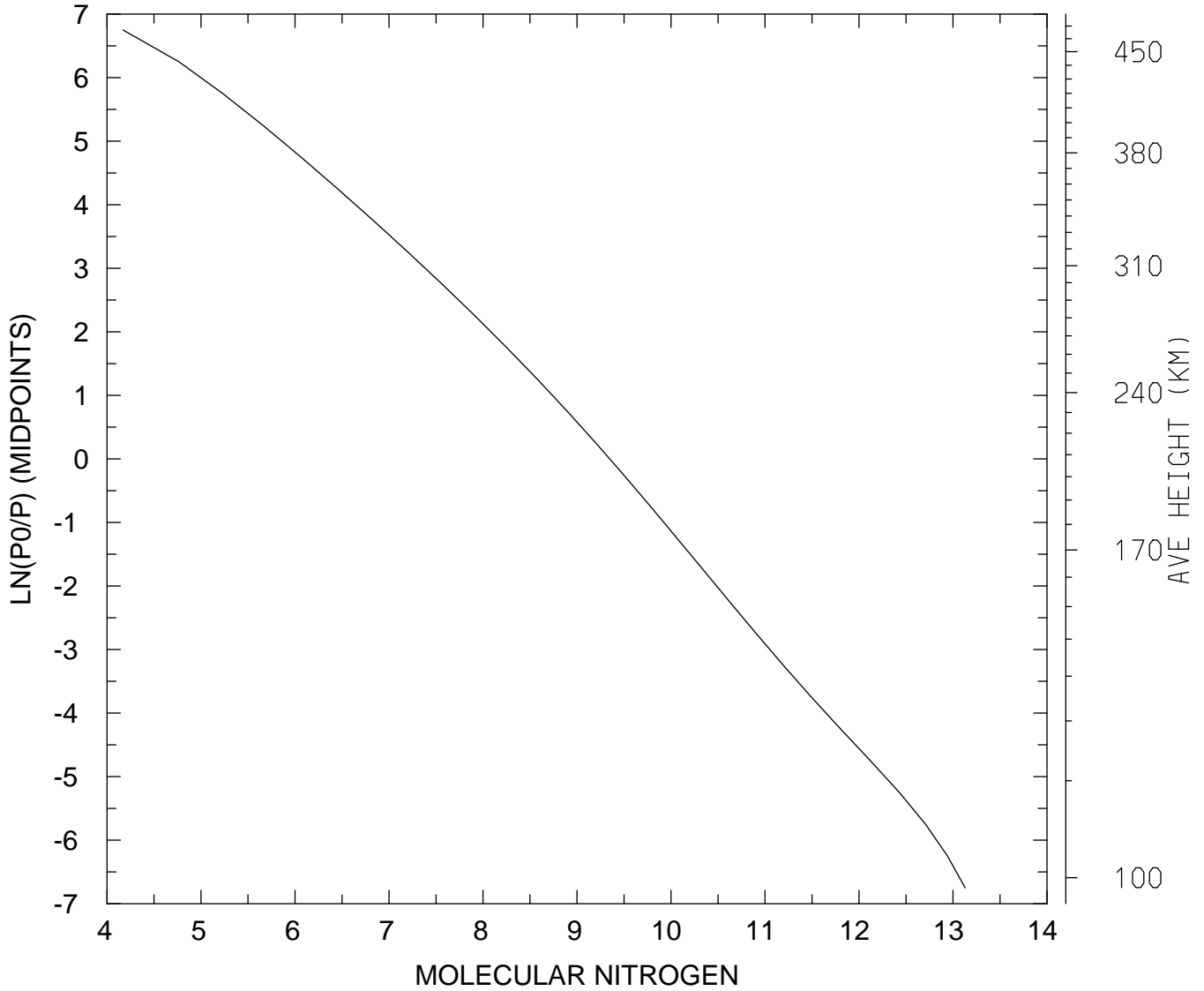
MIN,MAX= 2.2165E+04 1.3009E+13  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



MIN,MAX= 1.4990E+04 1.4127E+13  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

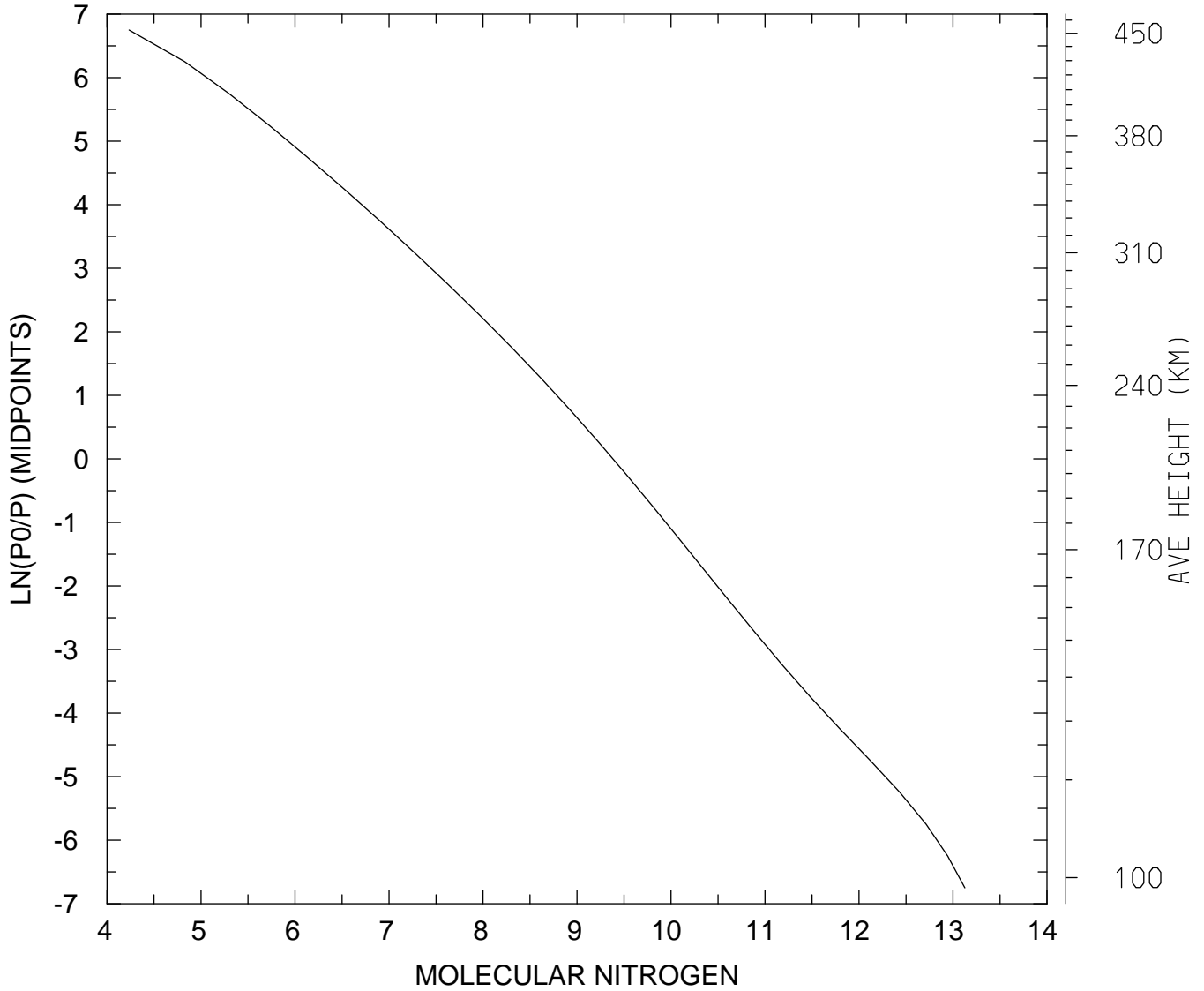
LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



MIN,MAX= 1.4810E+04 1.3448E+13  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

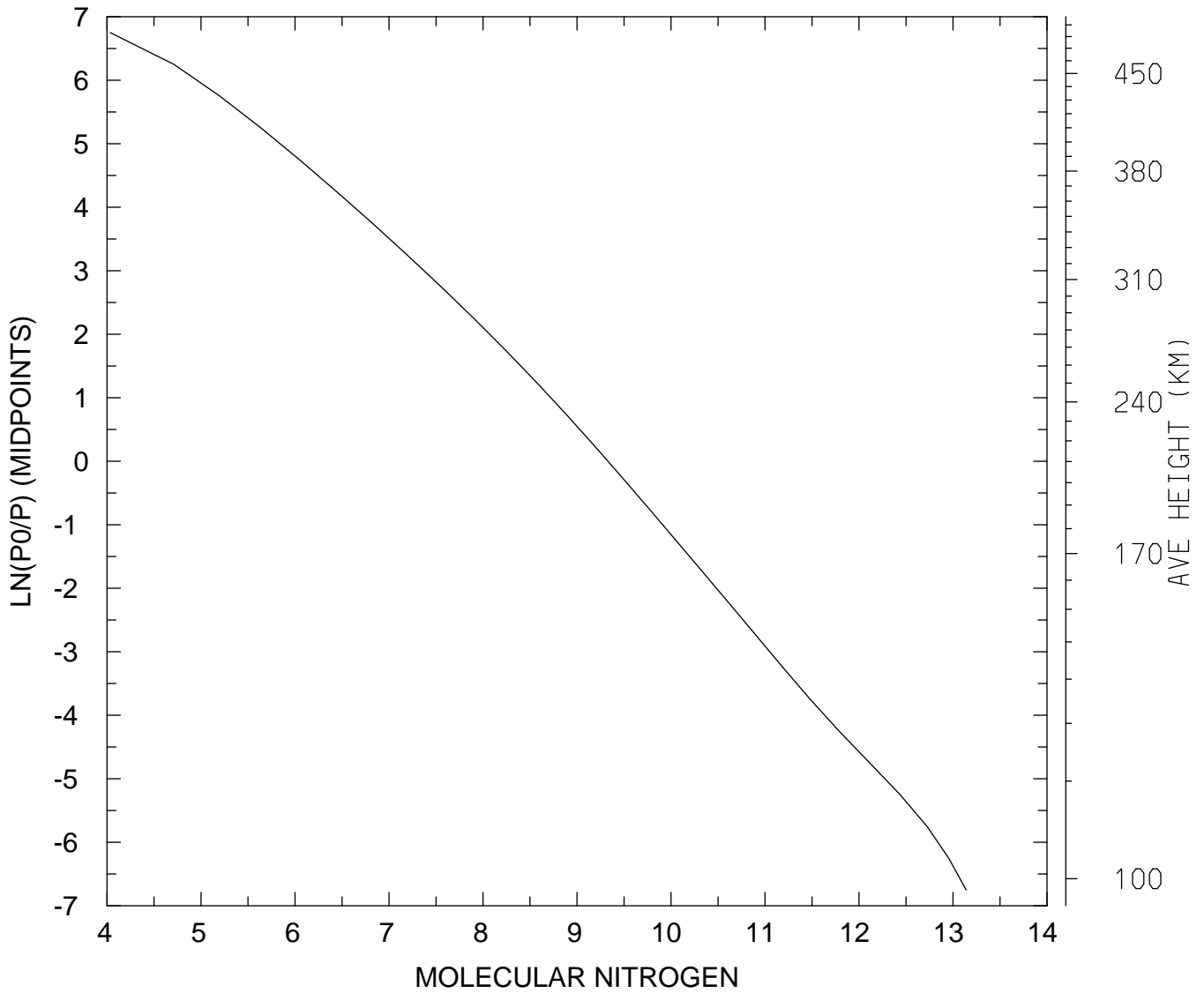


LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



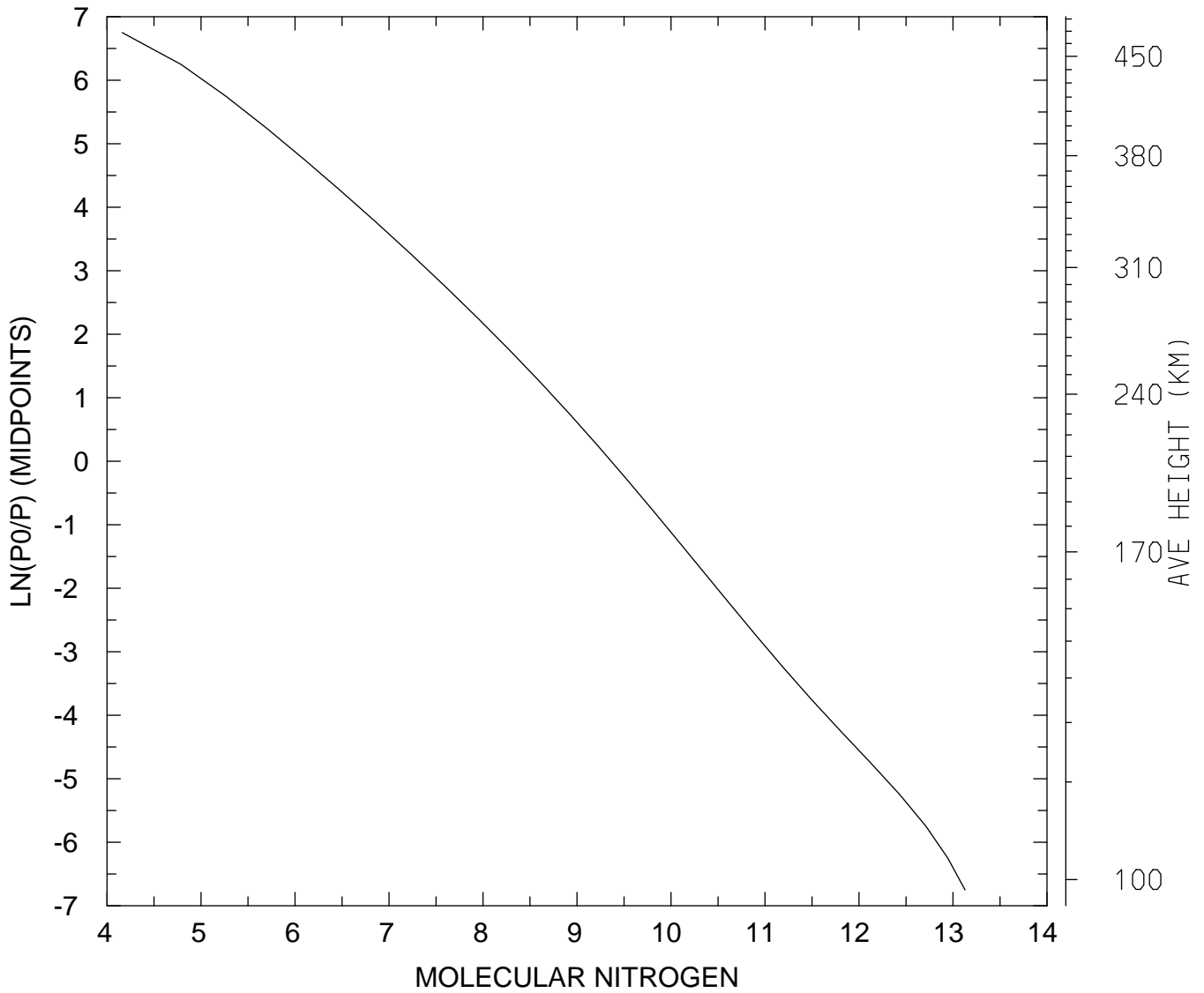
MIN,MAX= 1.7150E+04 1.3358E+13  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



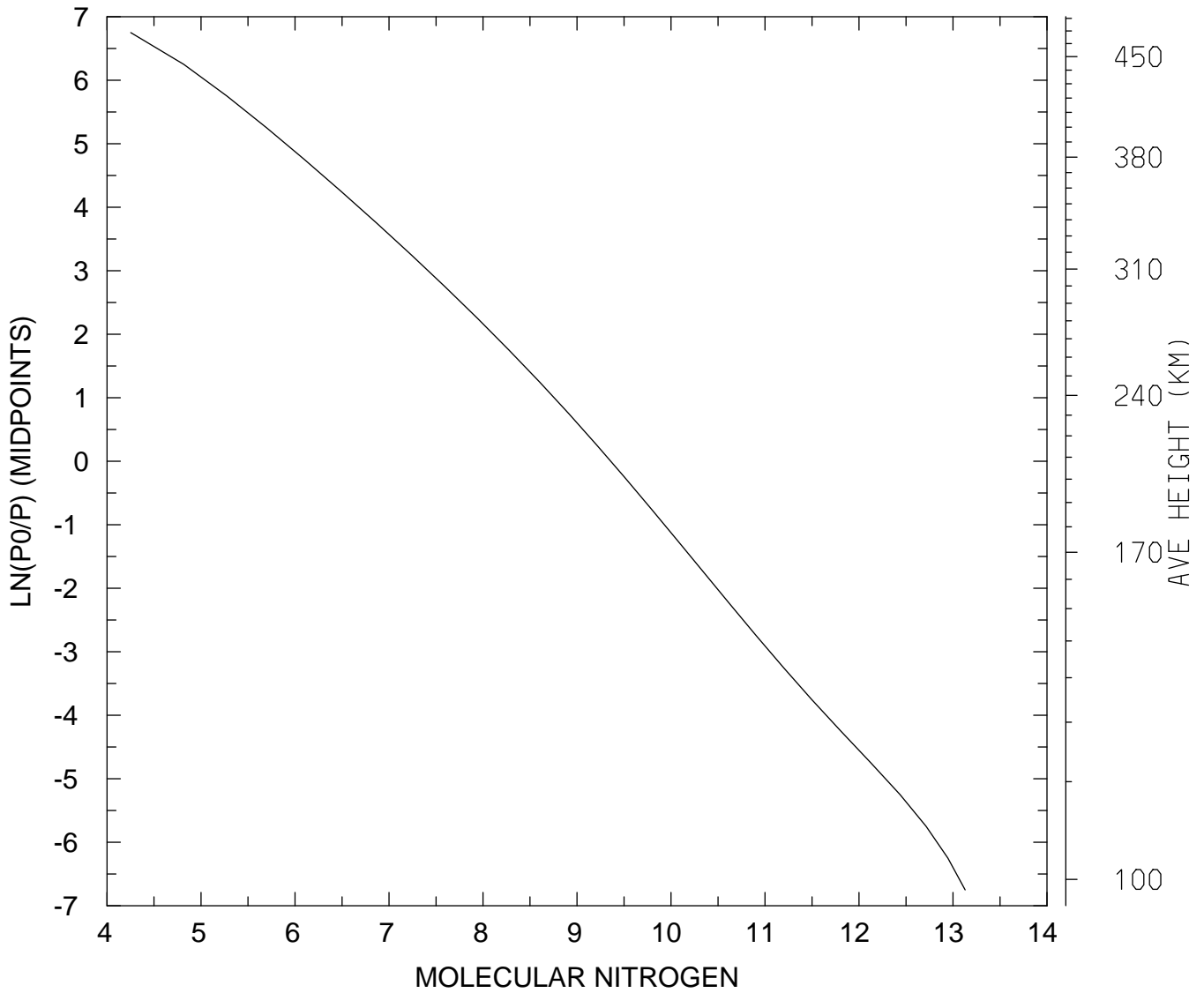
MIN,MAX= 1.0819E+04 1.3778E+13  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



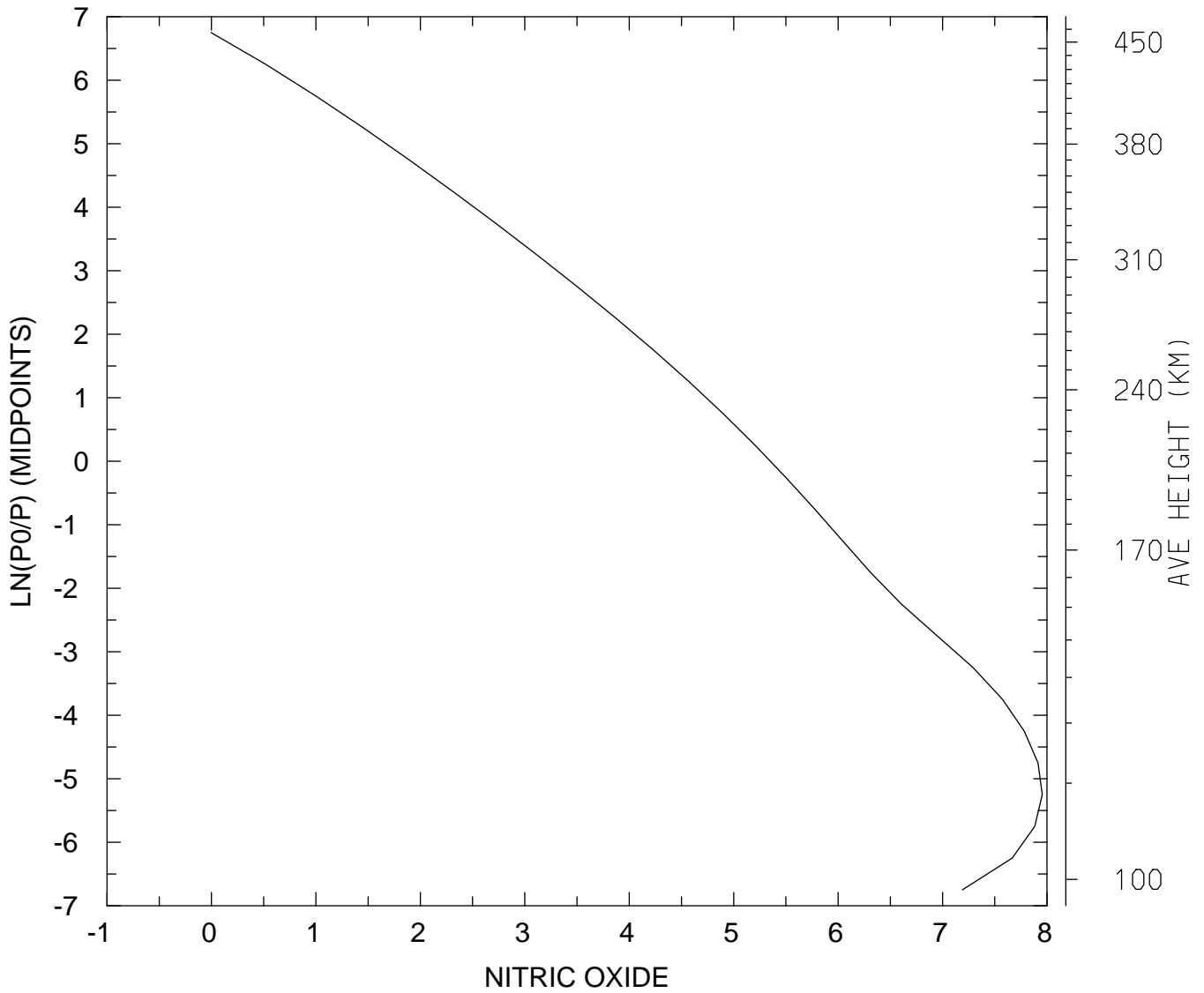
MIN,MAX= 1.4491E+04 1.3441E+13  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 GLOBAL MEANS



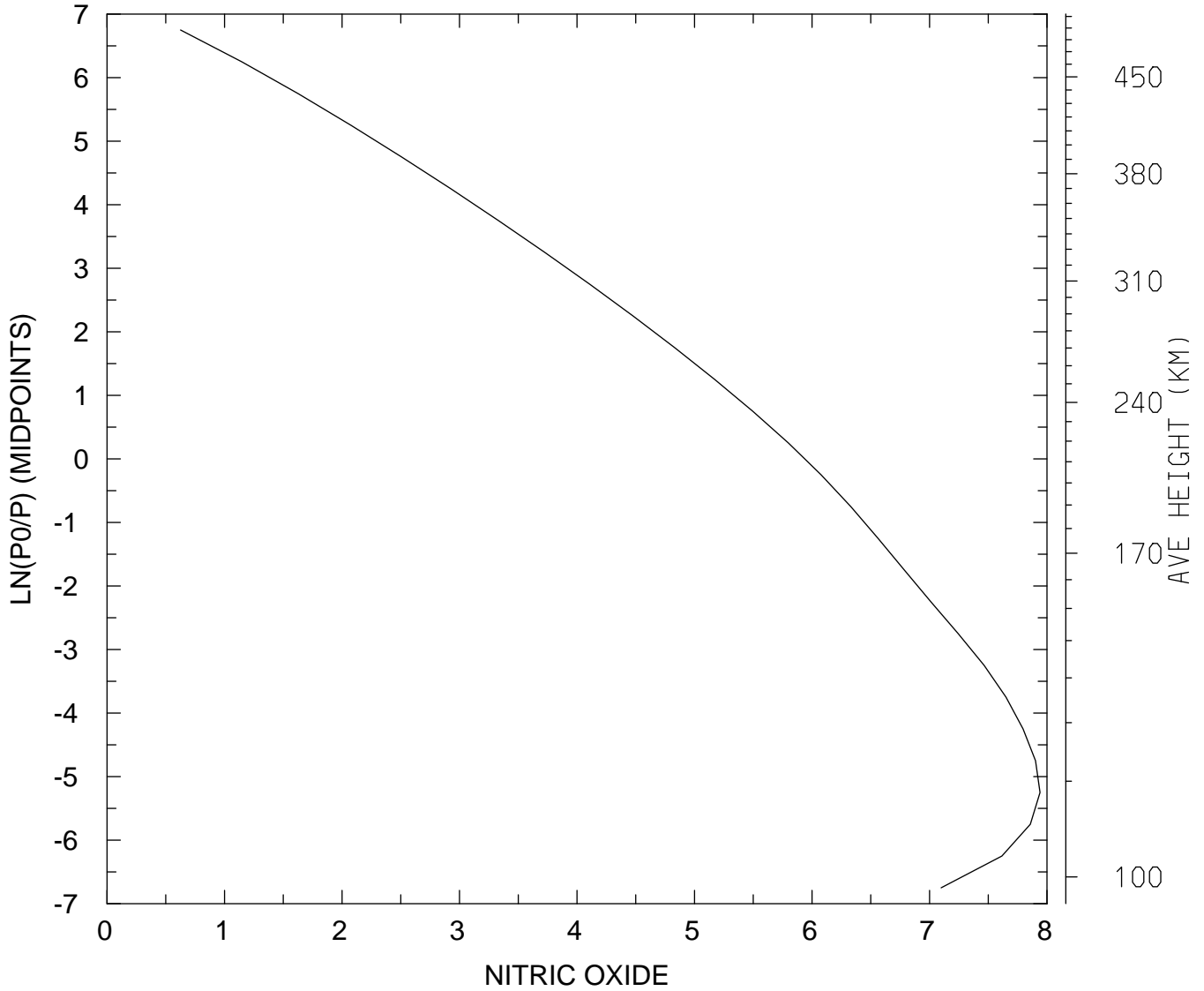
MIN,MAX= 1.7877E+04 1.3452E+13  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



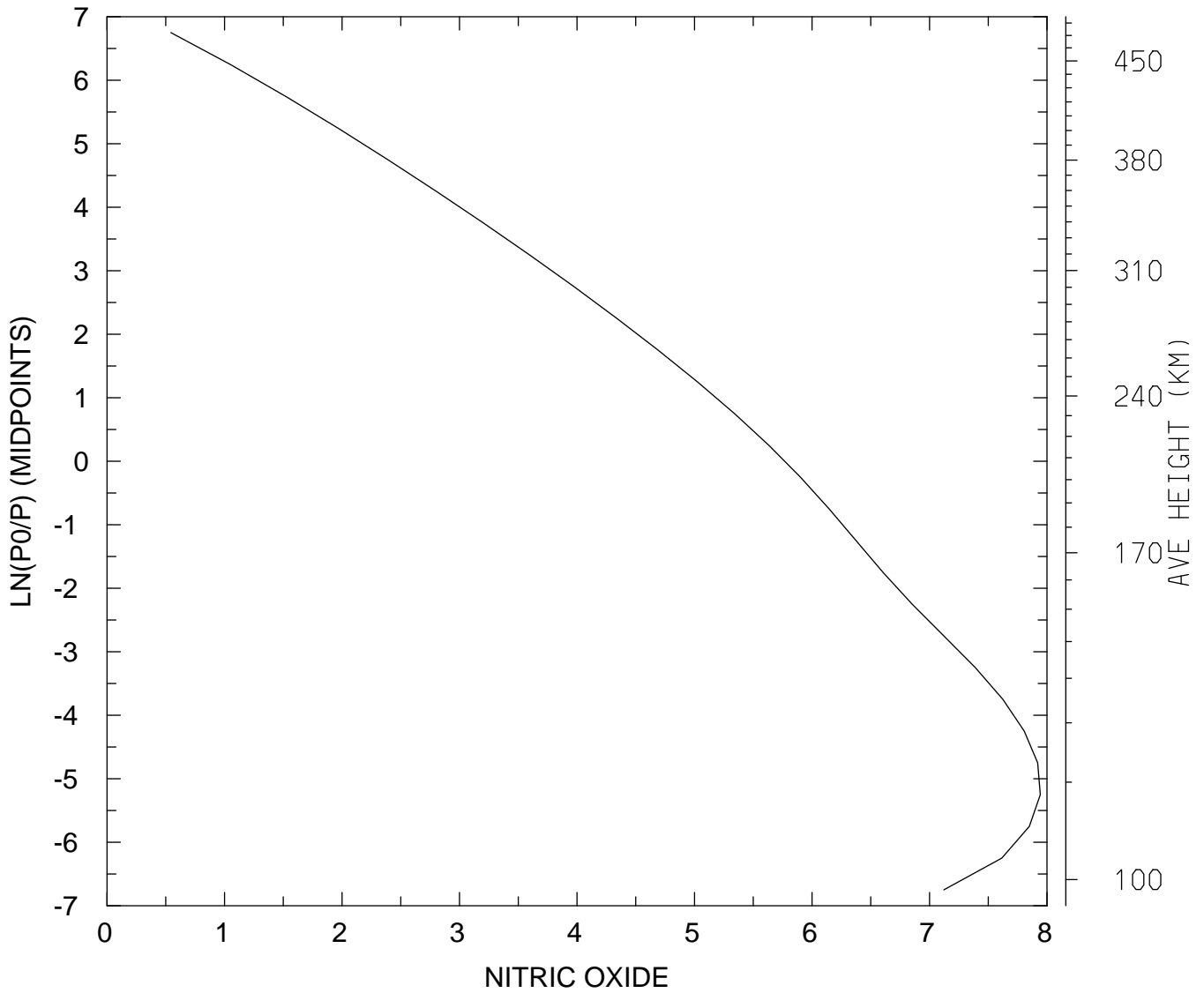
MIN,MAX= 9.9348E-01 9.0074E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



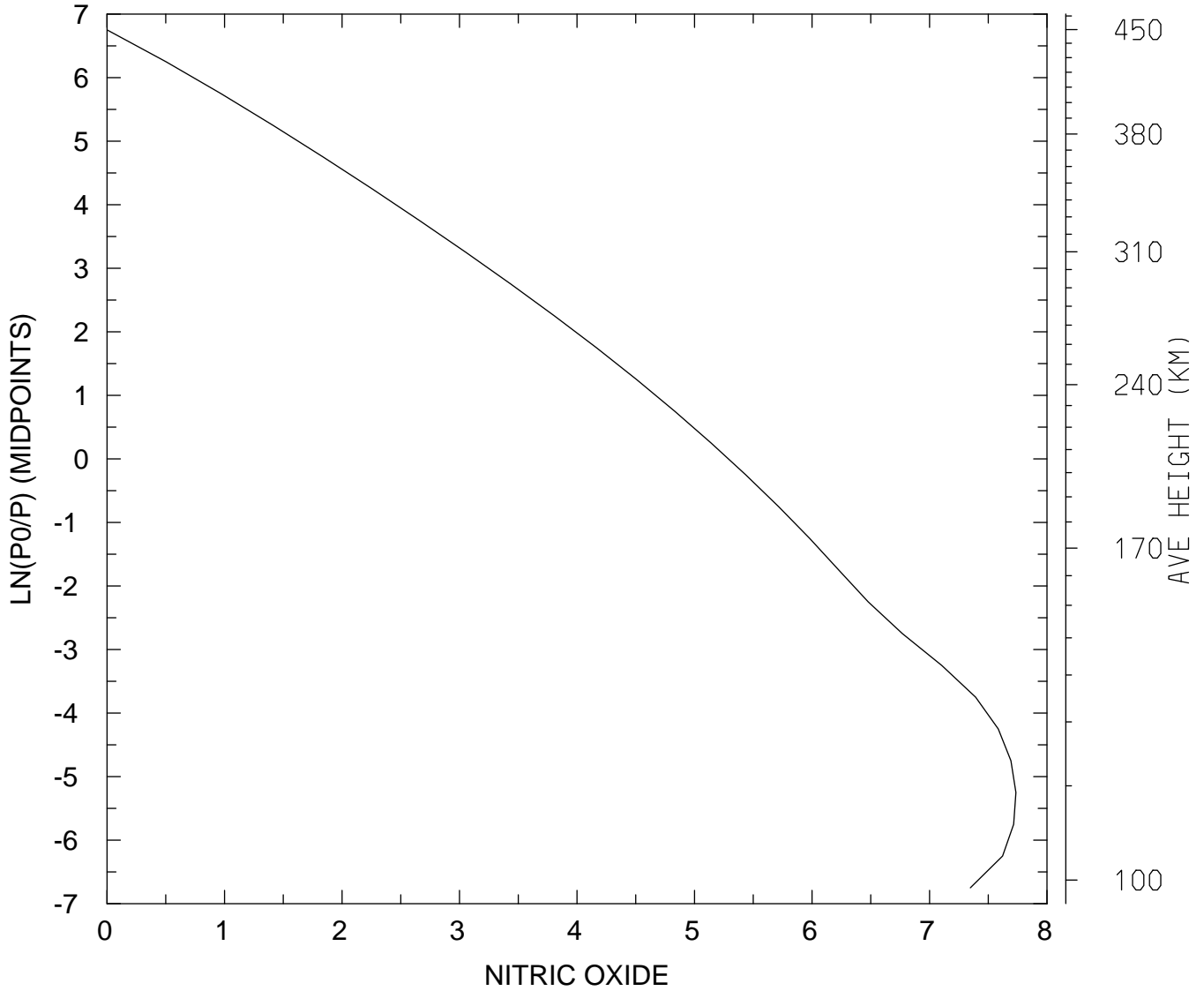
MIN,MAX= 4.2246E+00 8.7191E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



MIN,MAX= 3.4902E+00 8.7666E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

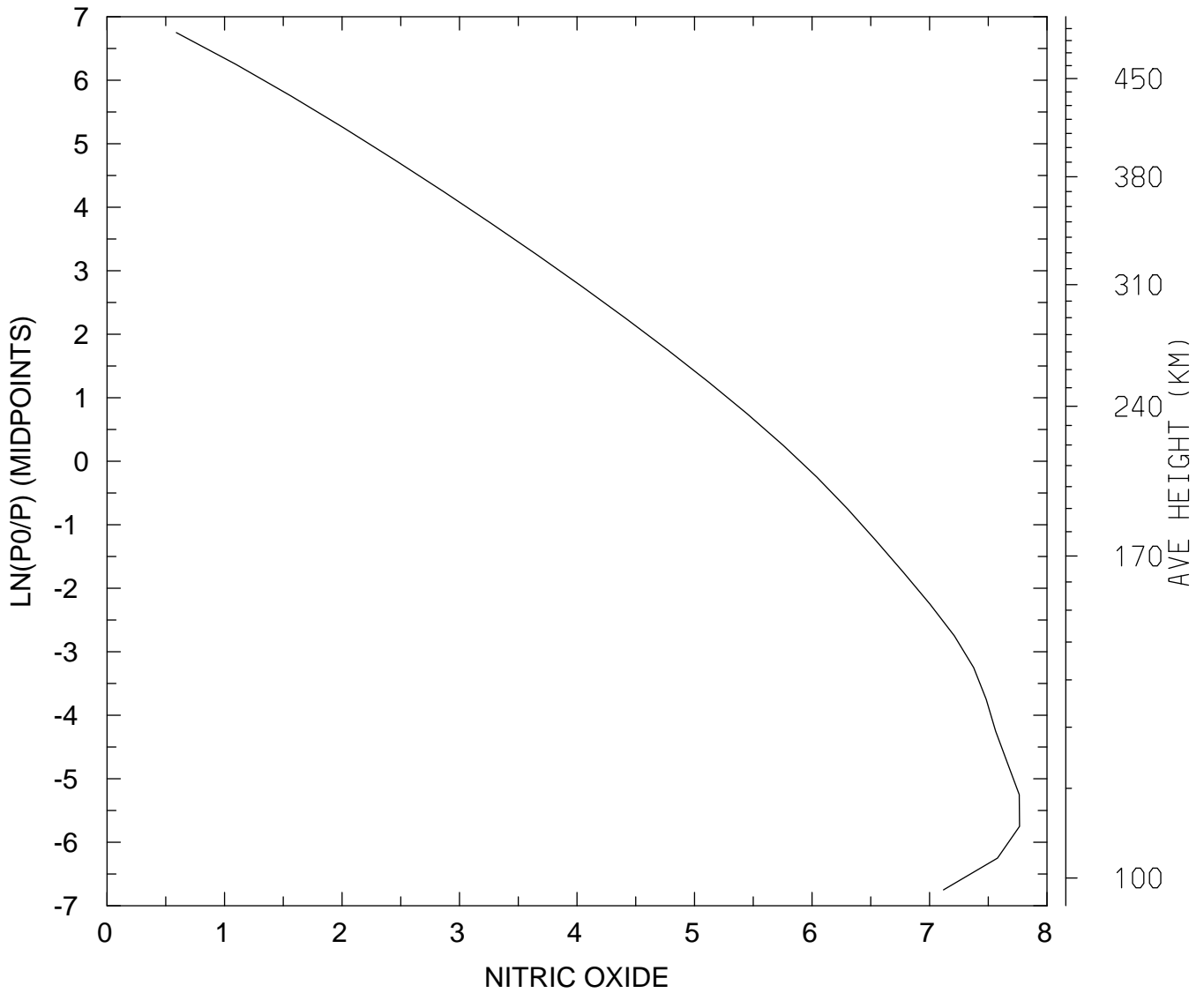
LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



MIN,MAX= 1.0049E+00 5.4335E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

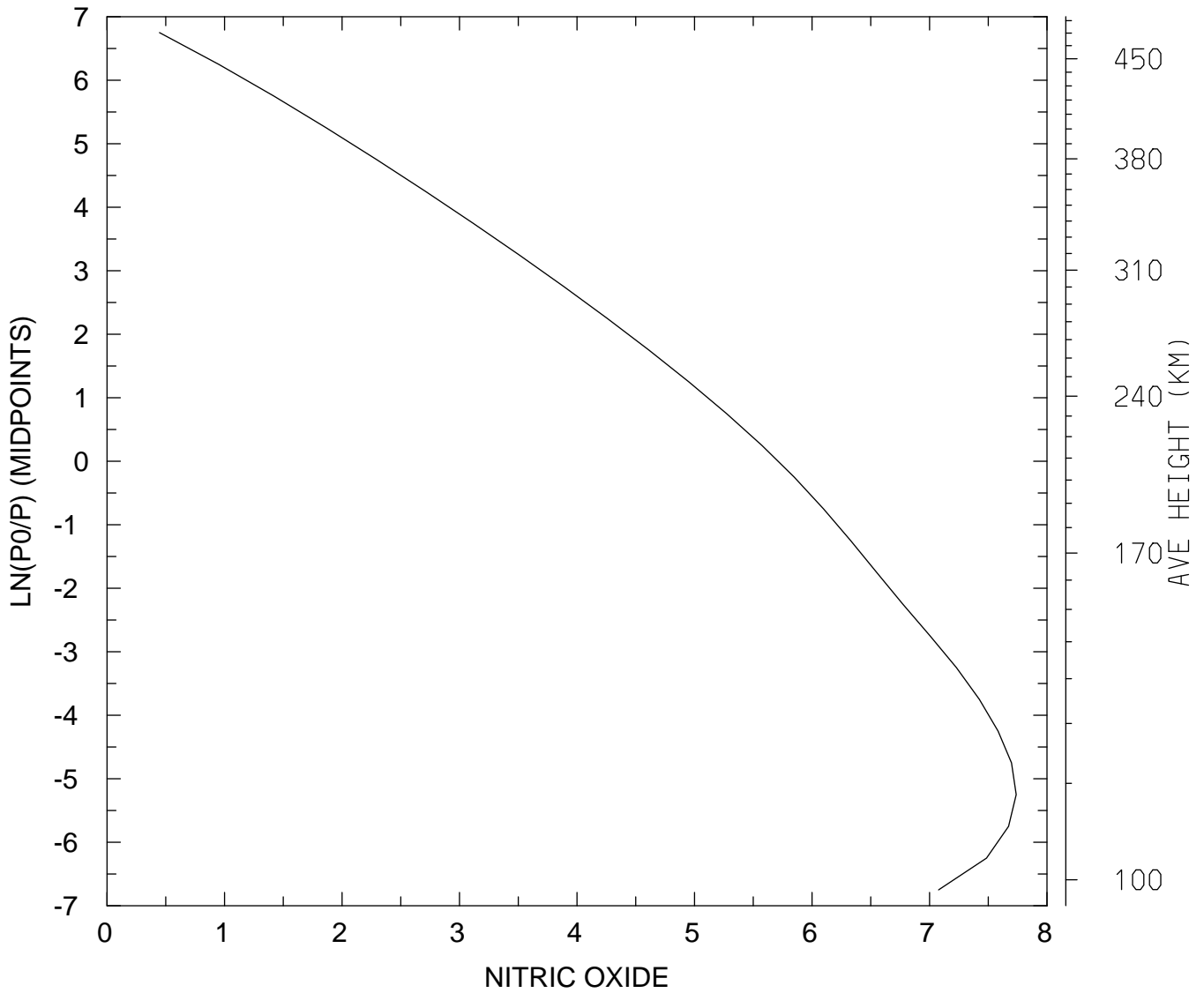


LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



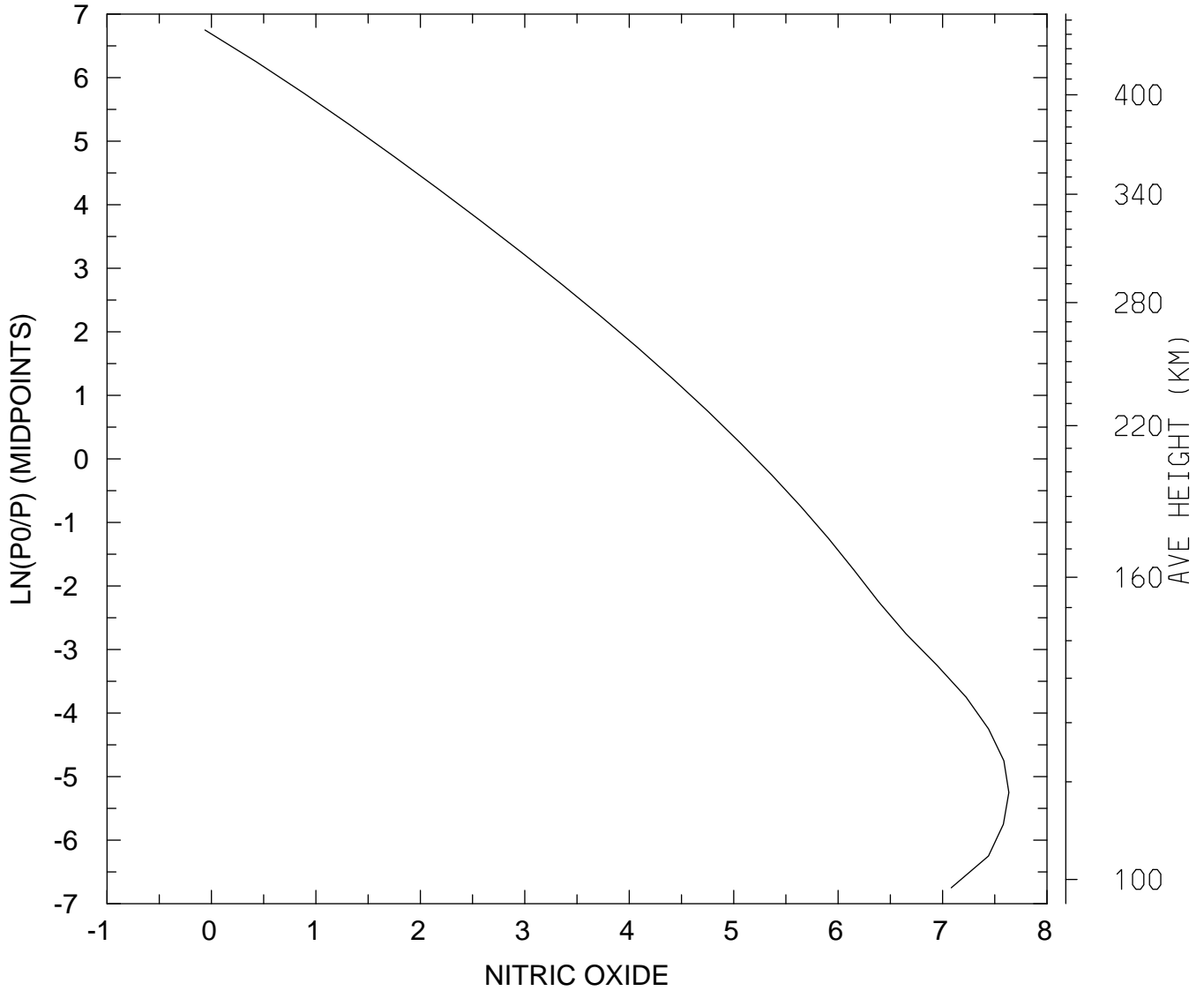
MIN,MAX= 3.8868E+00 5.8374E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



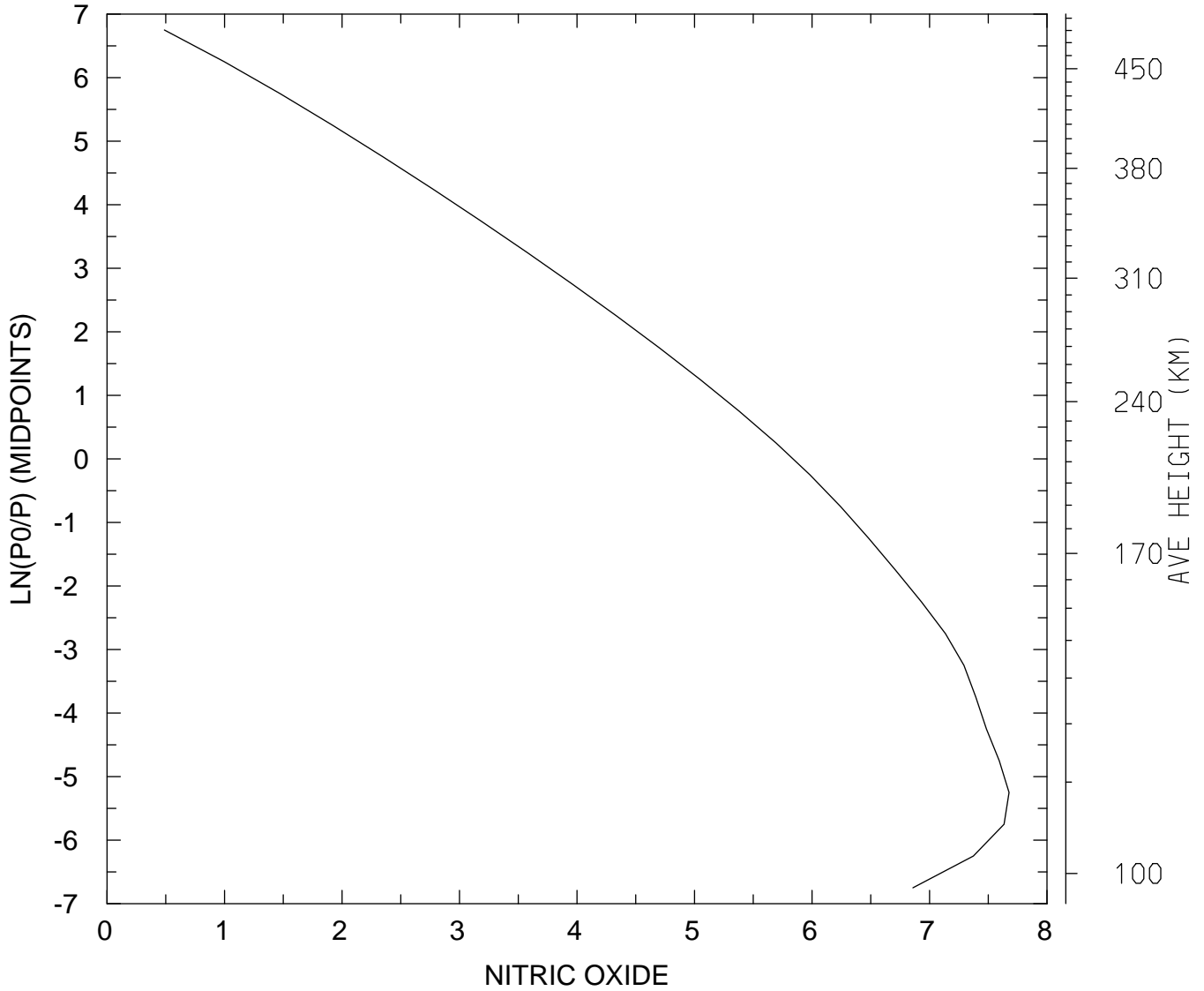
MIN,MAX= 2.7972E+00 5.4645E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



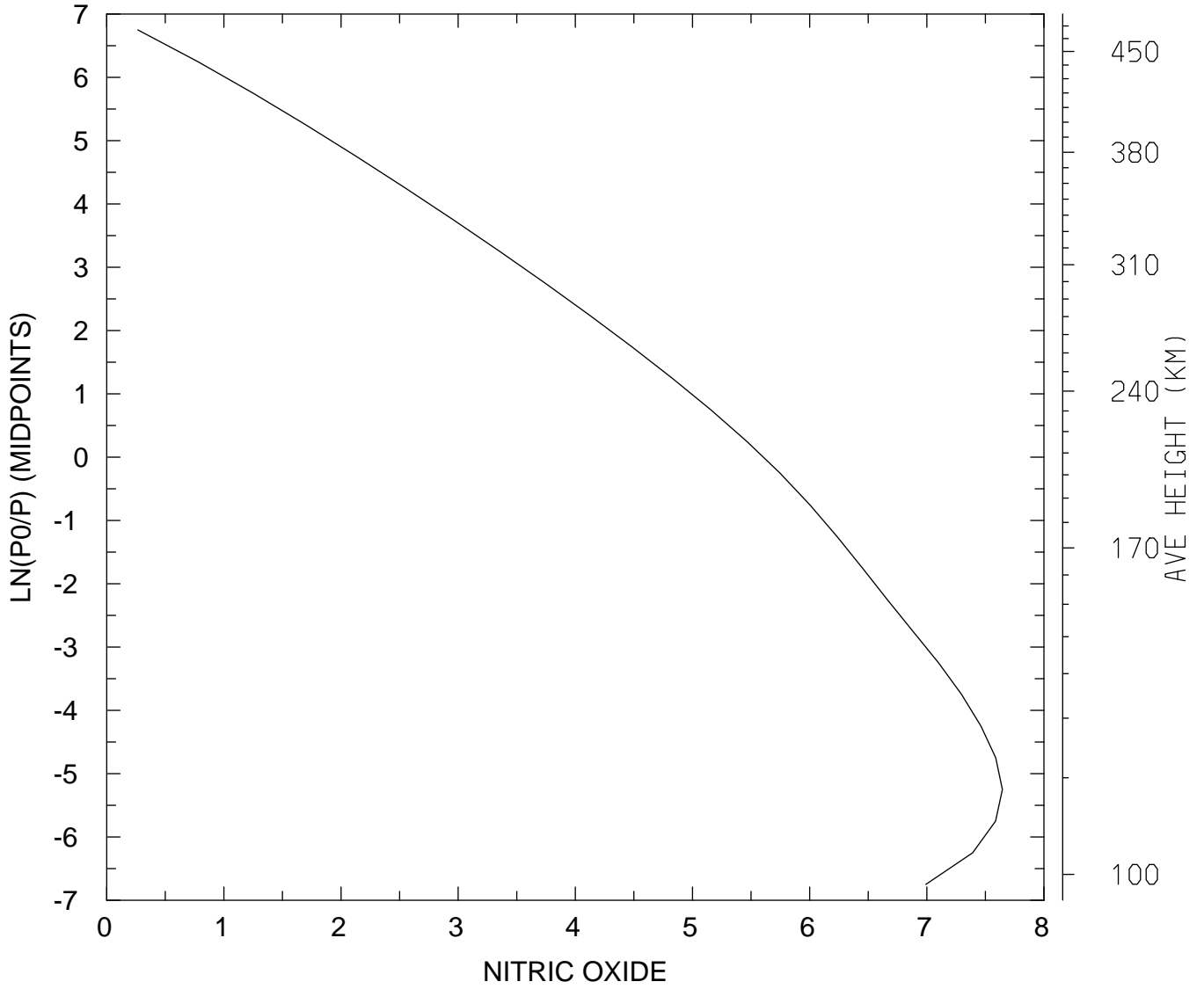
MIN,MAX= 8.6666E-01 4.3157E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



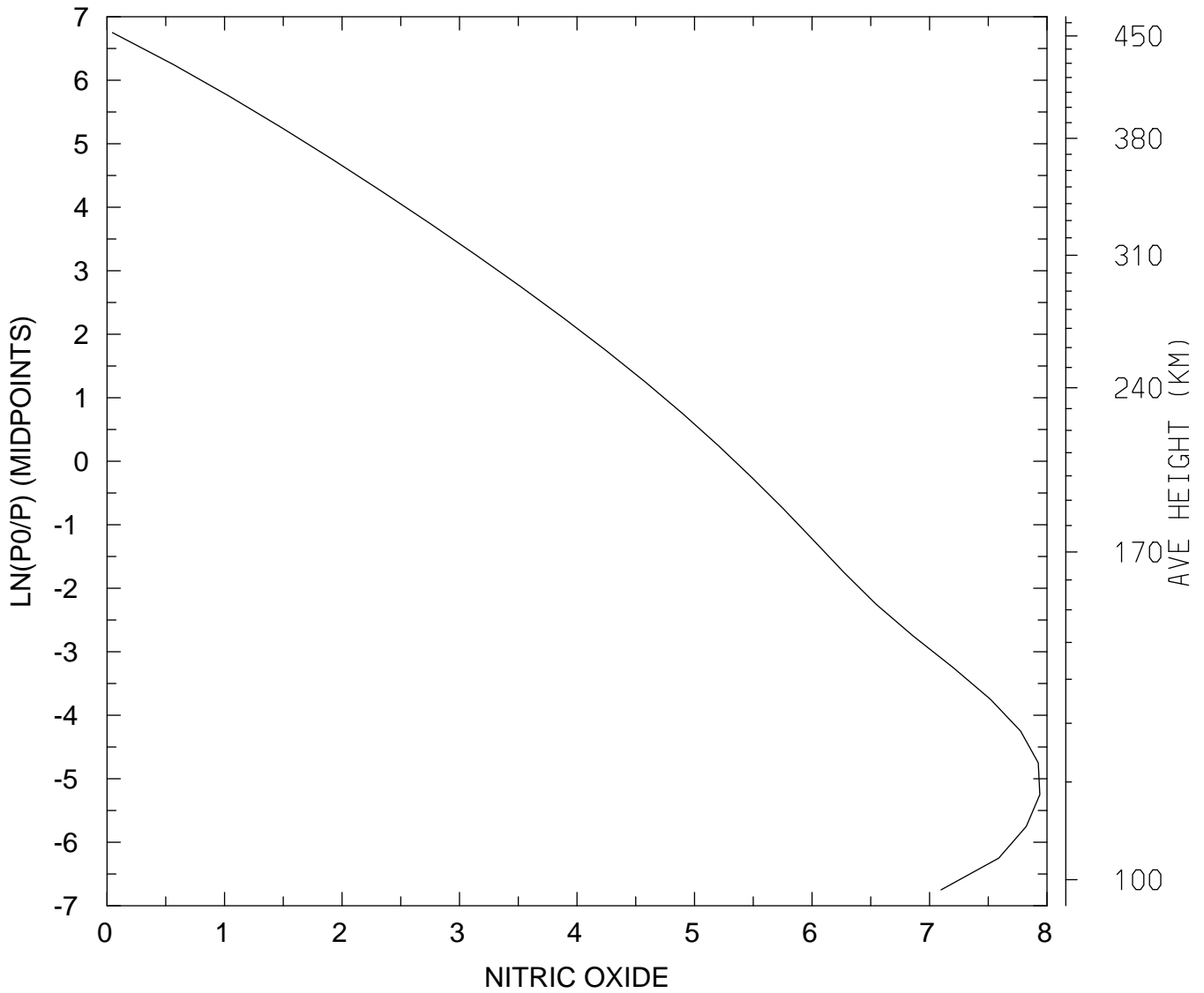
MIN,MAX= 3.0746E+00 4.7496E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



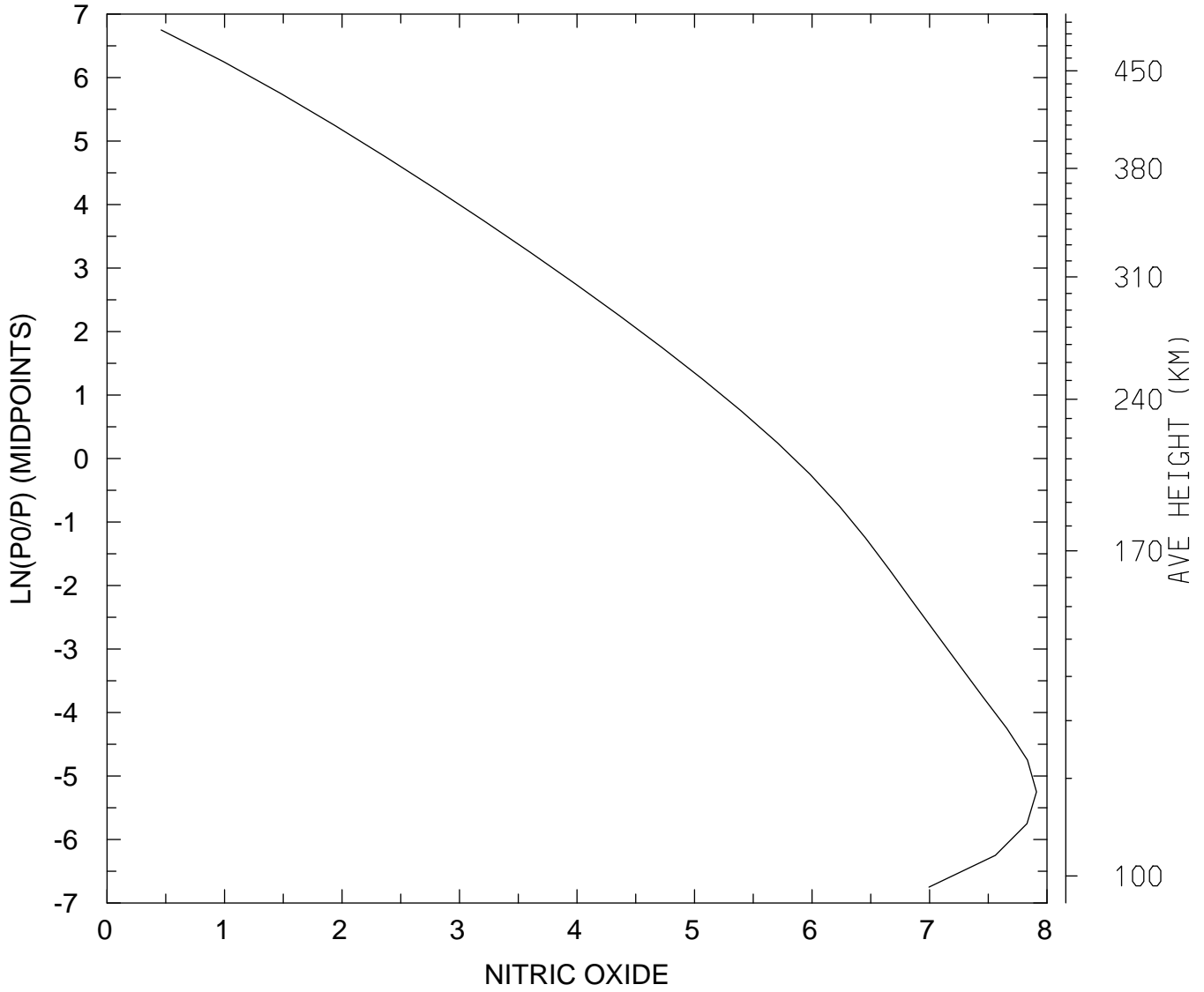
MIN,MAX= 1.8418E+00 4.4152E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



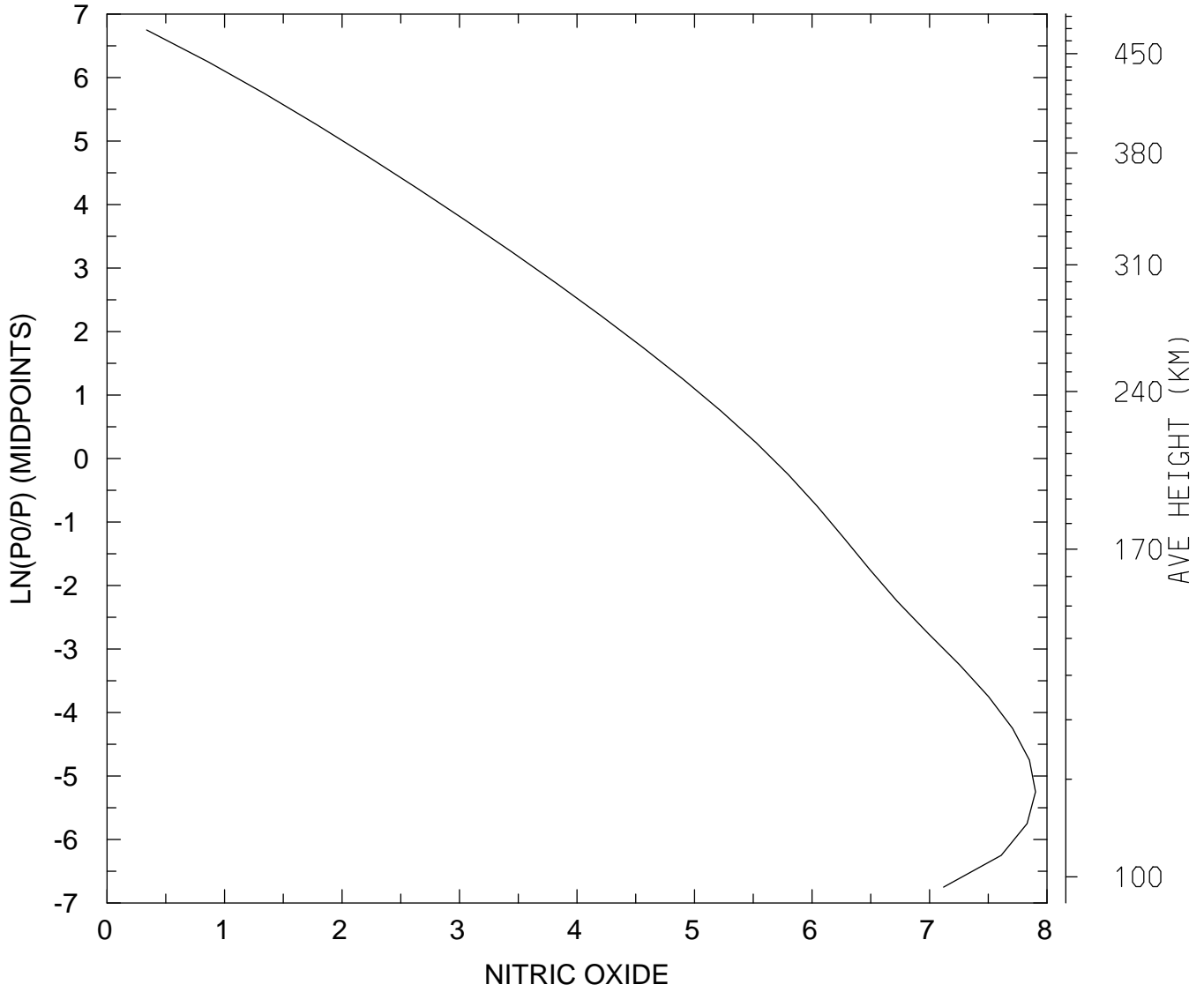
MIN,MAX= 1.1123E+00 8.6763E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



MIN,MAX= 2.8874E+00 8.1361E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

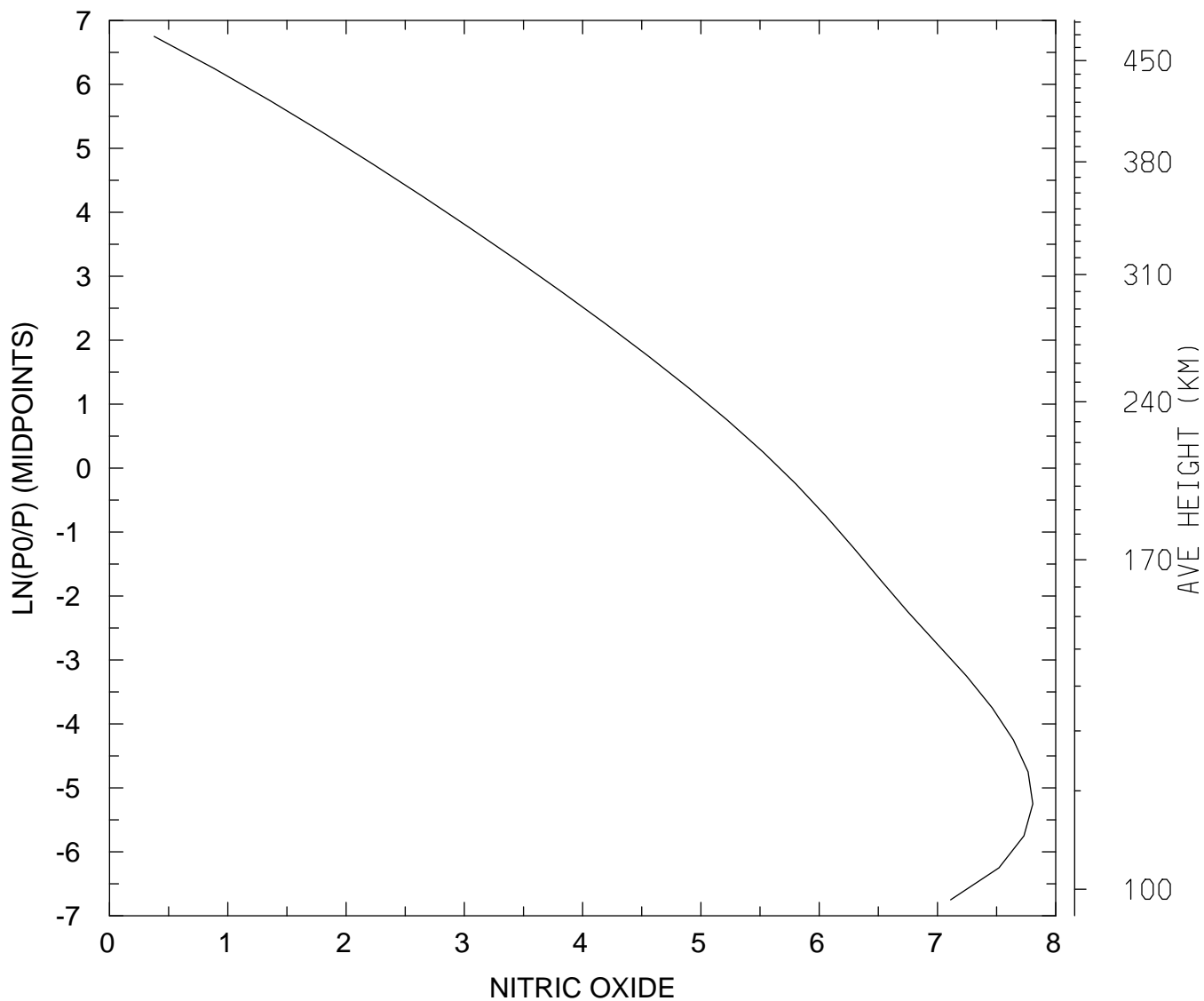
LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



MIN,MAX= 2.1727E+00 7.9772E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

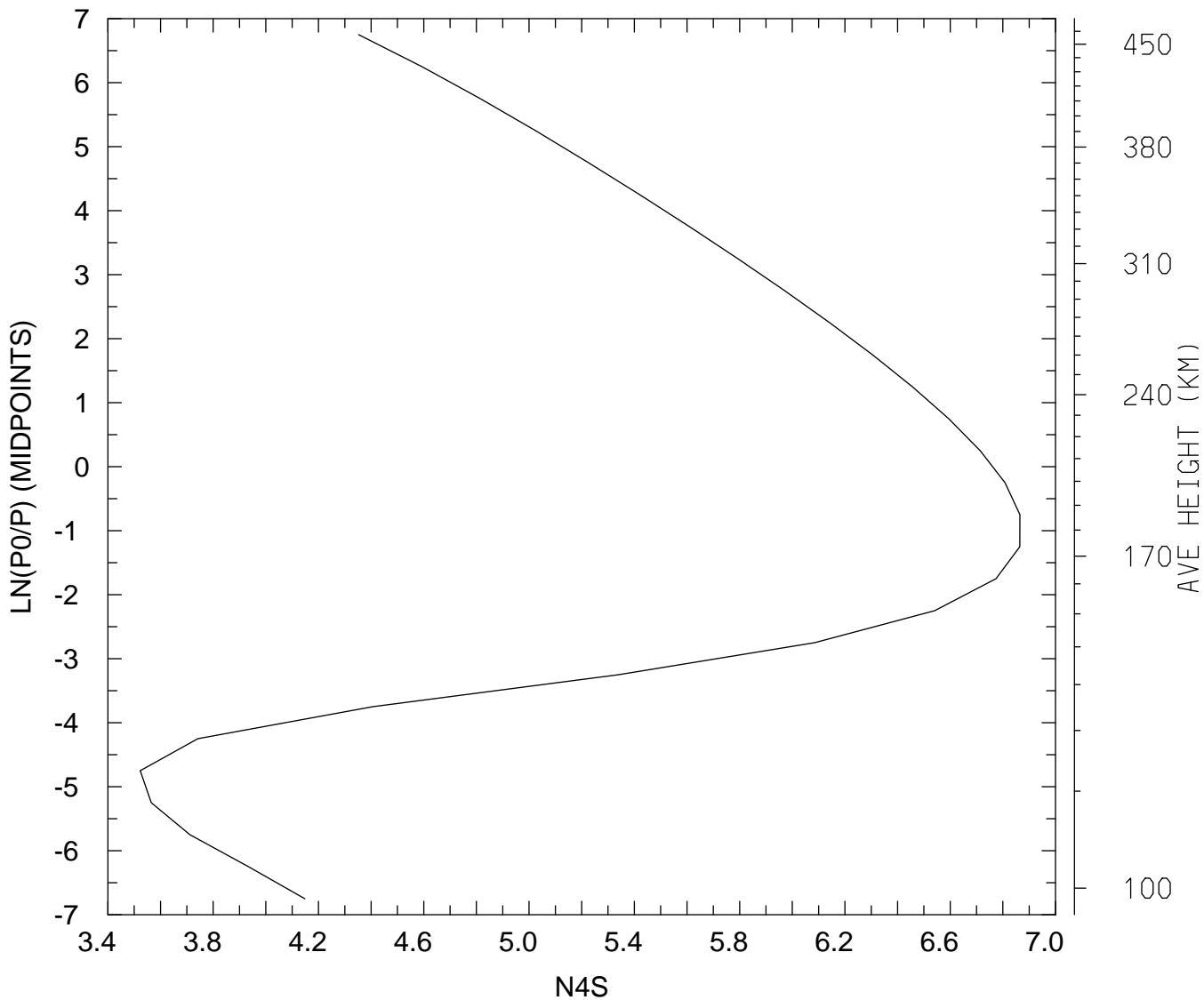


LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 GLOBAL MEANS



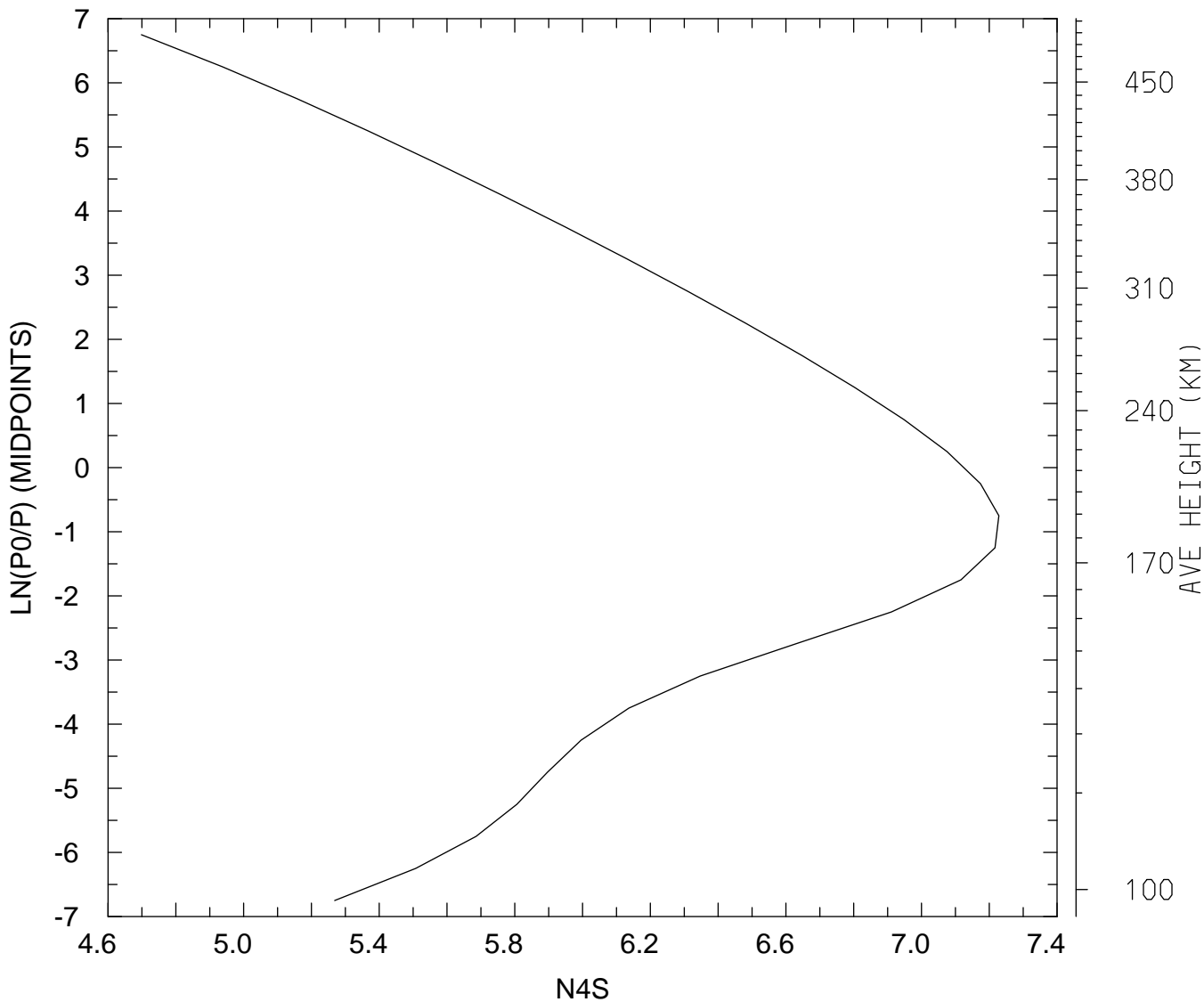
MIN,MAX= 2.3812E+00 6.3930E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



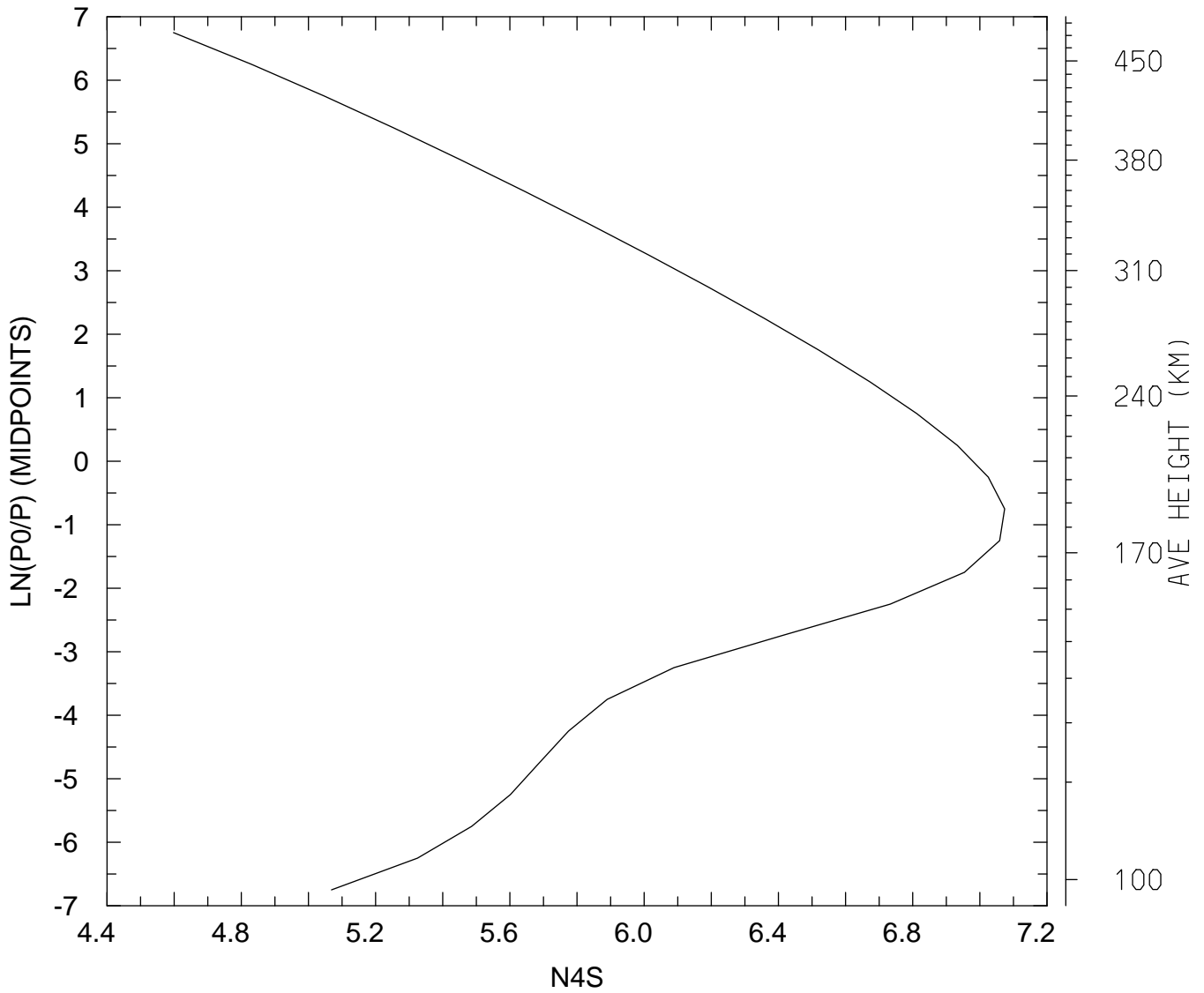
MIN,MAX= 3.3317E+03 7.3249E+06  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



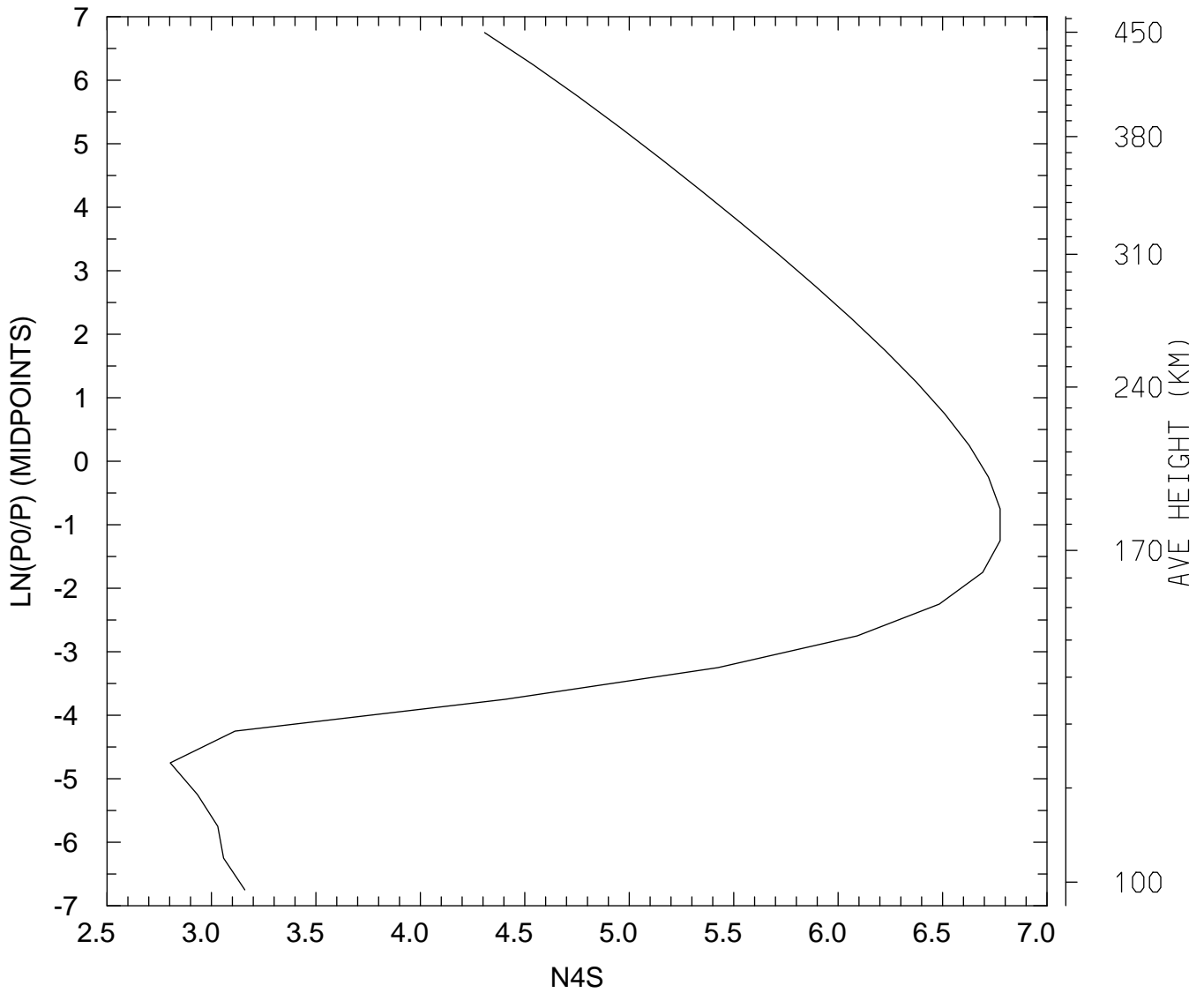
MIN,MAX= 4.9922E+04 1.6917E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



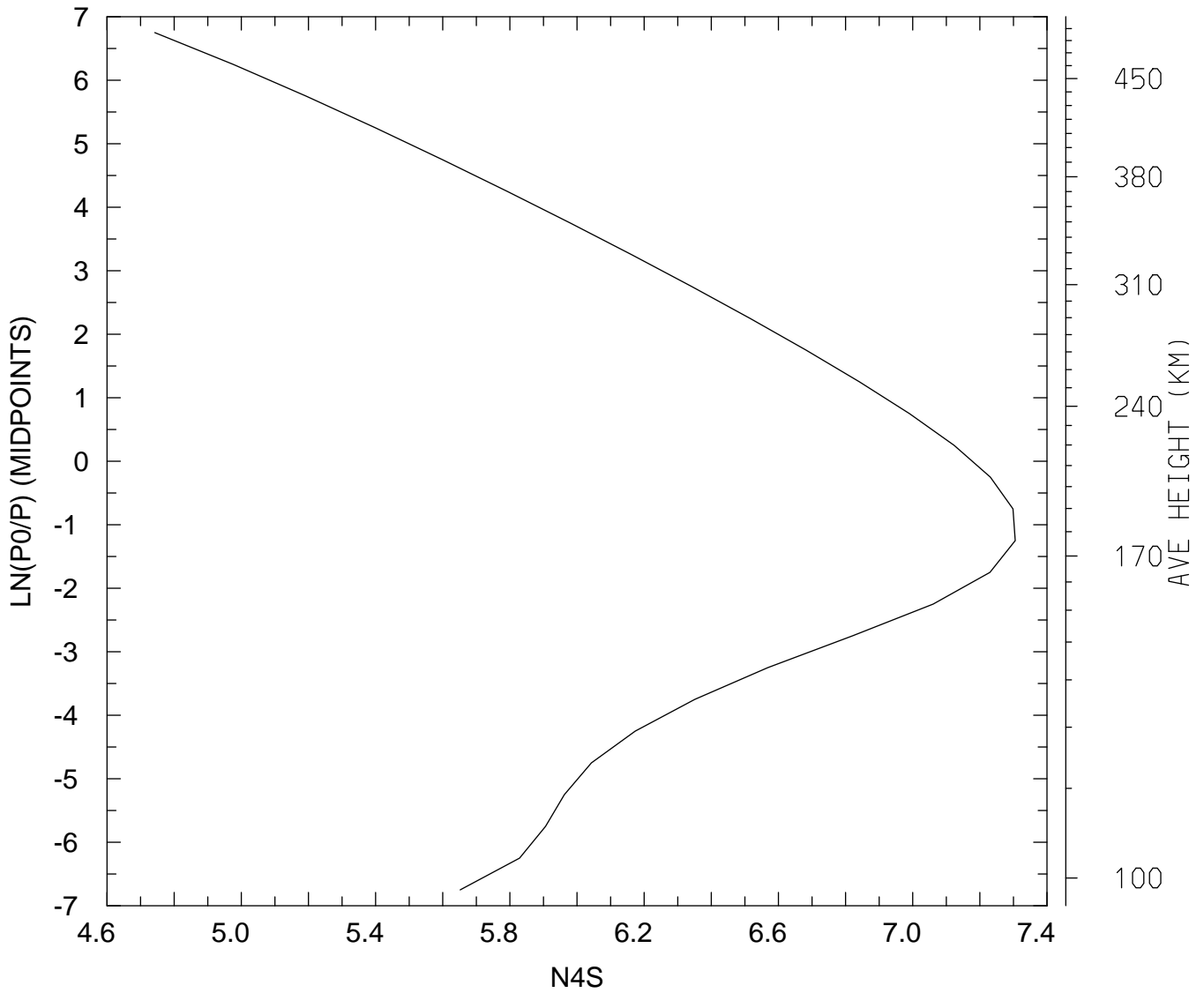
MIN,MAX= 3.9628E+04 1.1854E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



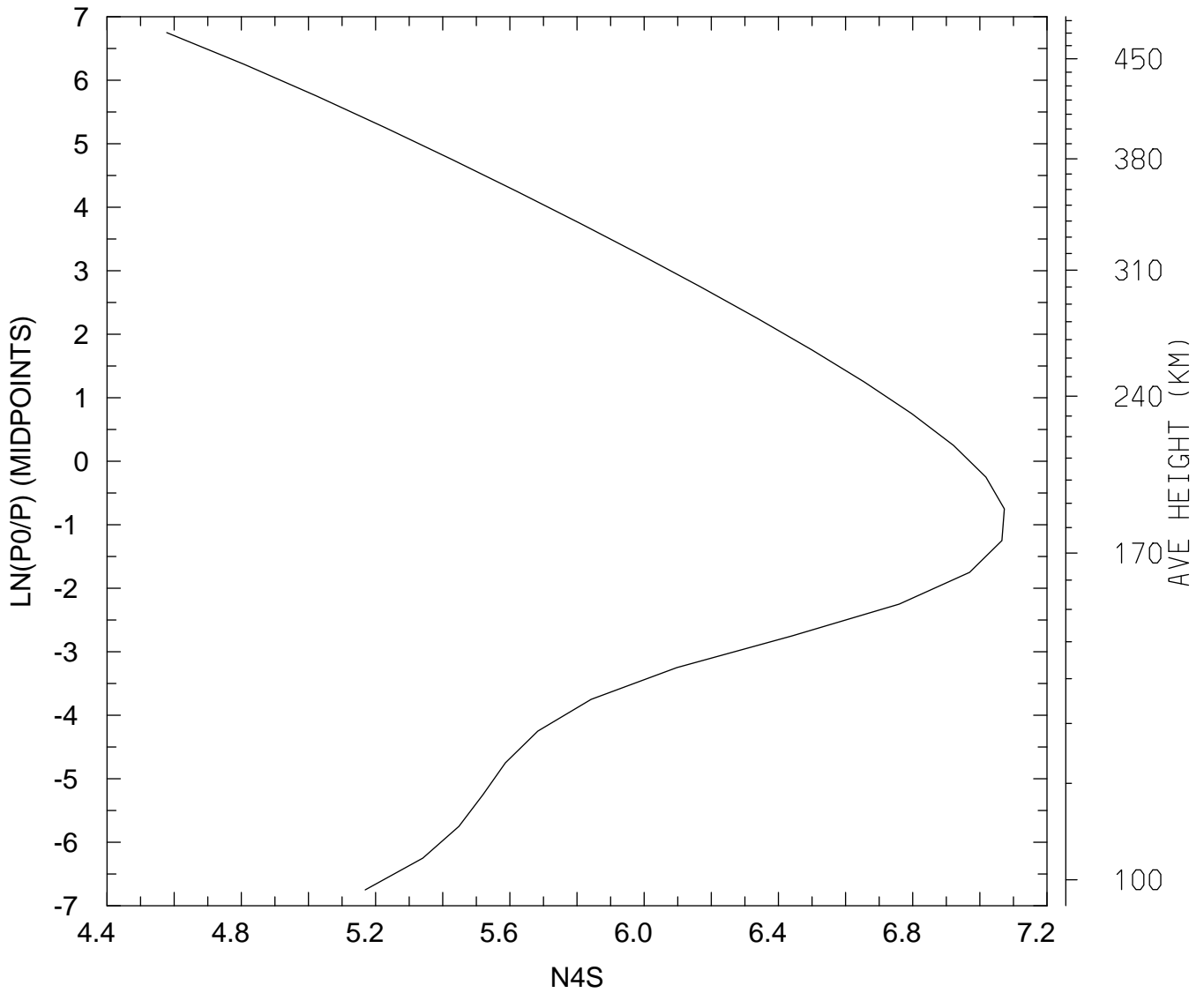
MIN,MAX= 6.3502E+02 5.9669E+06  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



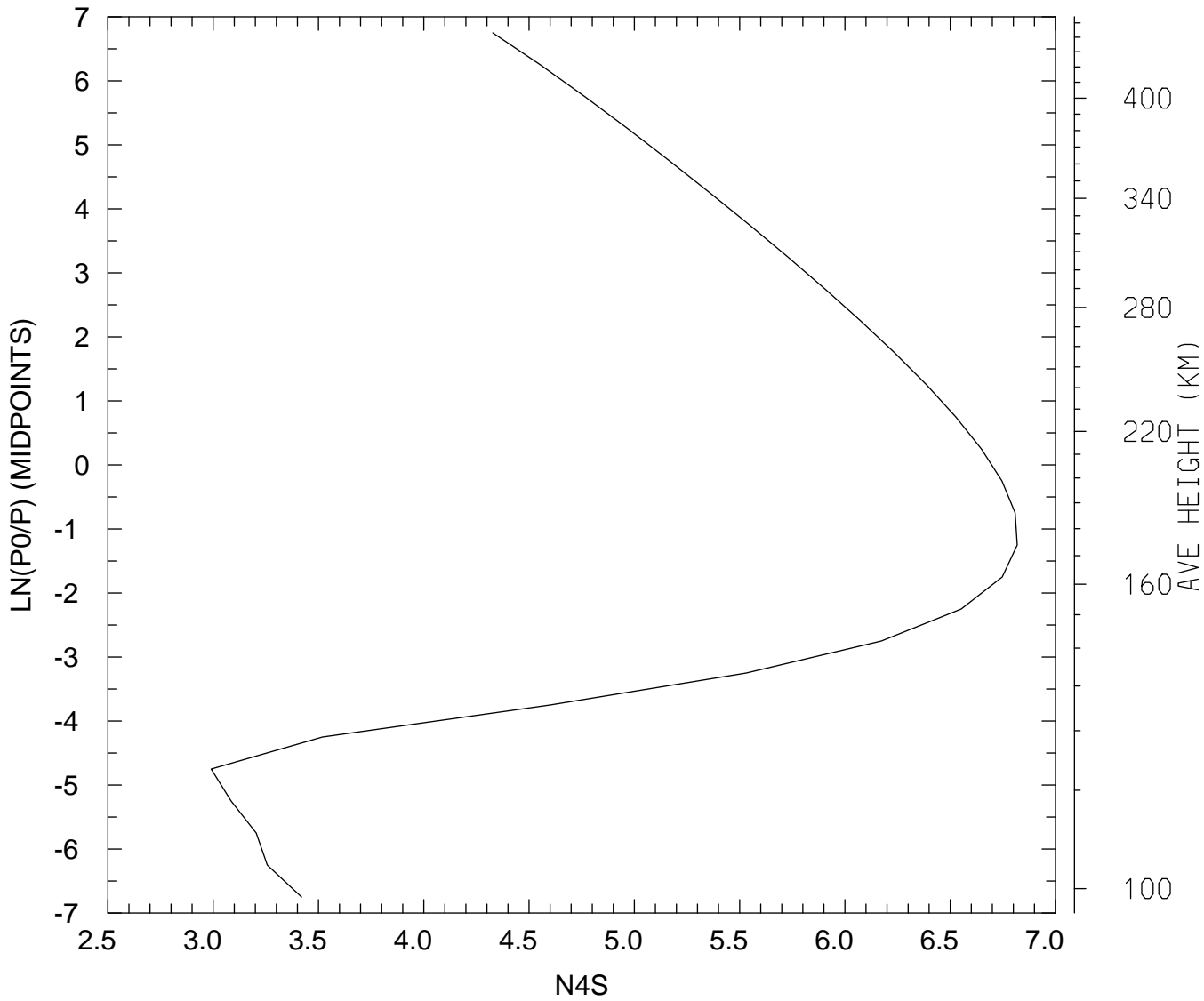
MIN,MAX= 5.5236E+04 2.0194E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



MIN,MAX= 3.7830E+04 1.1832E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

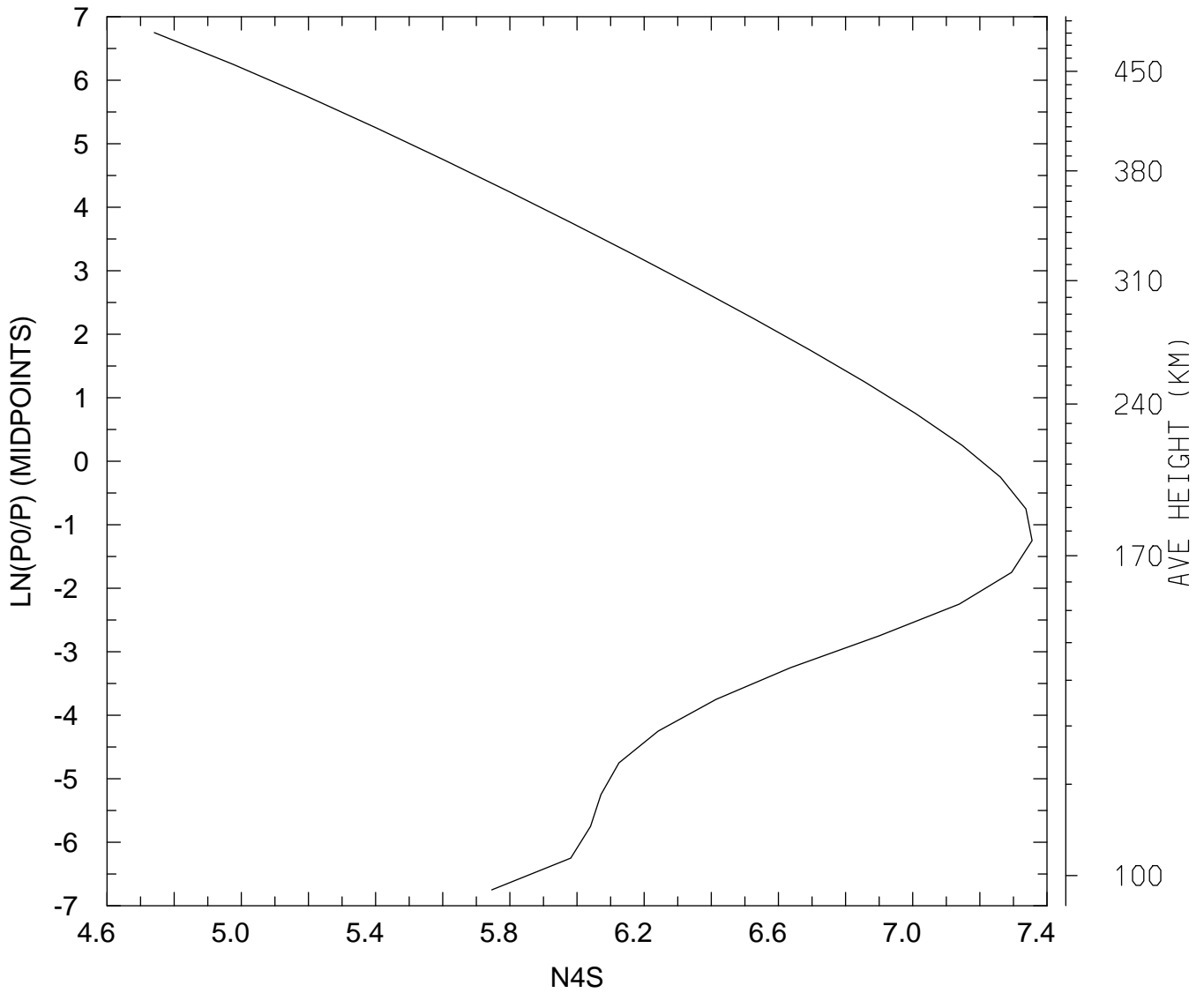
LOG10 N4S (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



MIN,MAX= 9.7813E+02 6.5829E+06  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

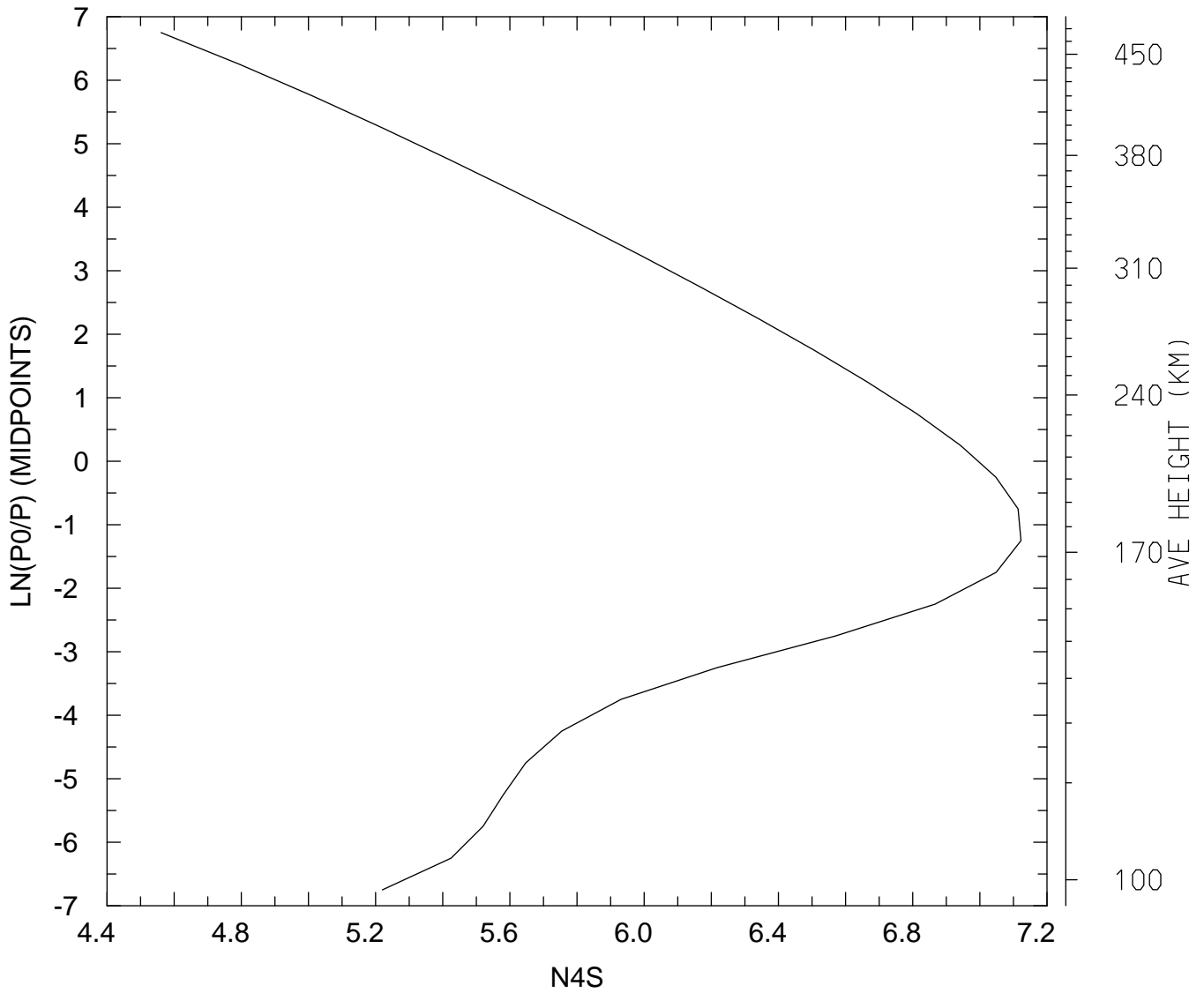


LOG10 N4S (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



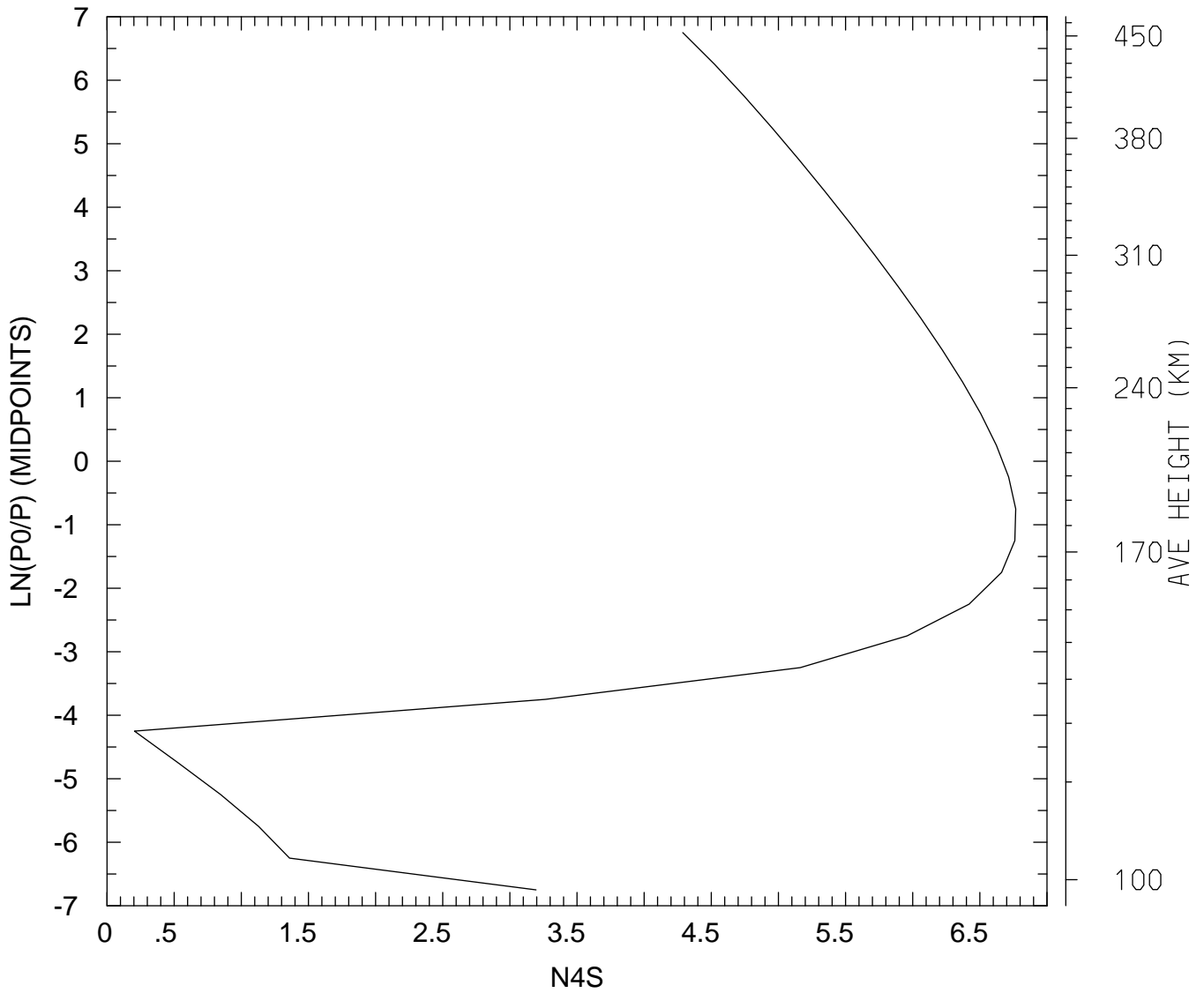
MIN,MAX= 5.5064E+04 2.2674E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



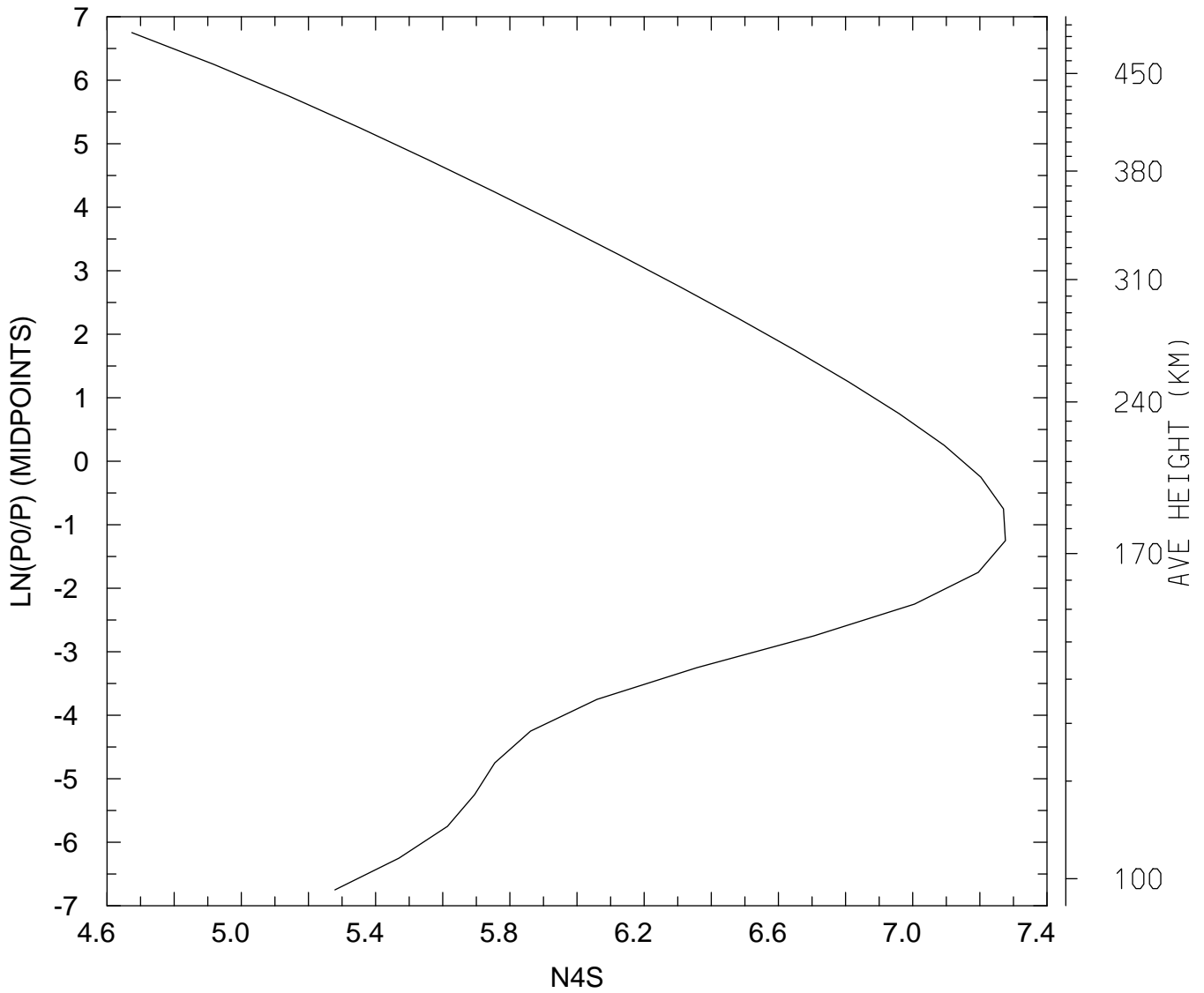
MIN,MAX= 3.6382E+04 1.3260E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



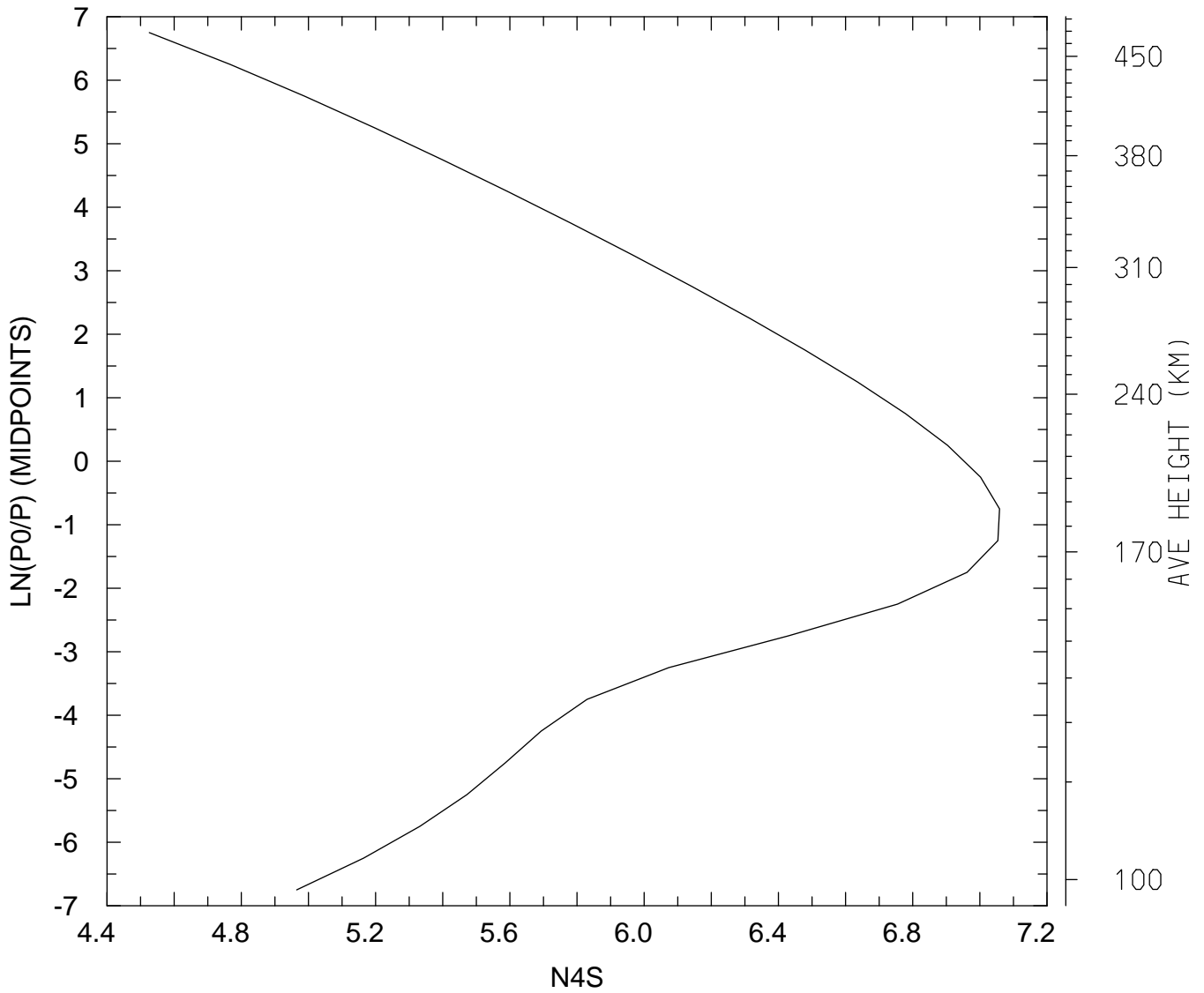
MIN,MAX= 1.6020E+00 5.8453E+06  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



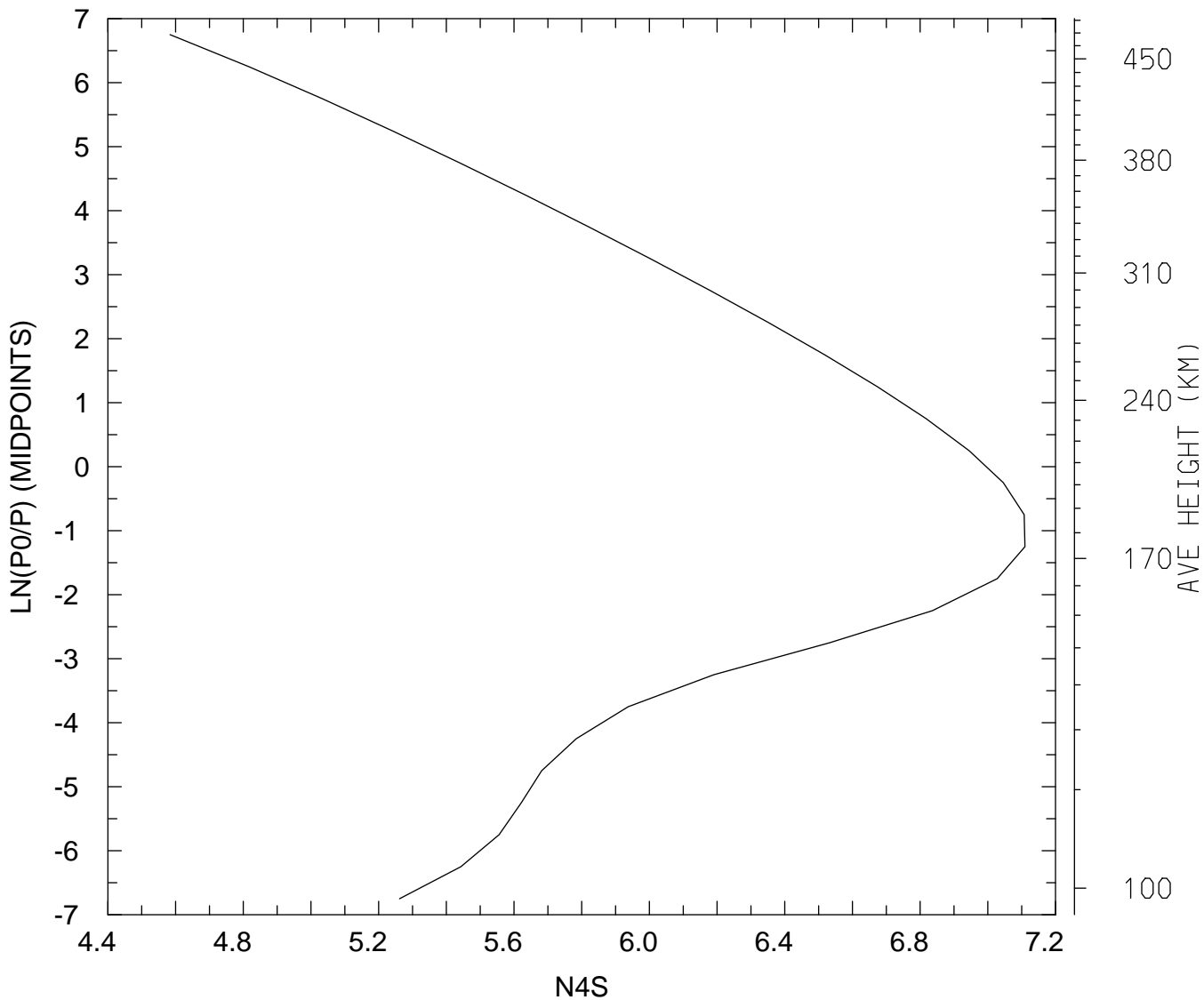
MIN,MAX= 4.7180E+04 1.8883E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



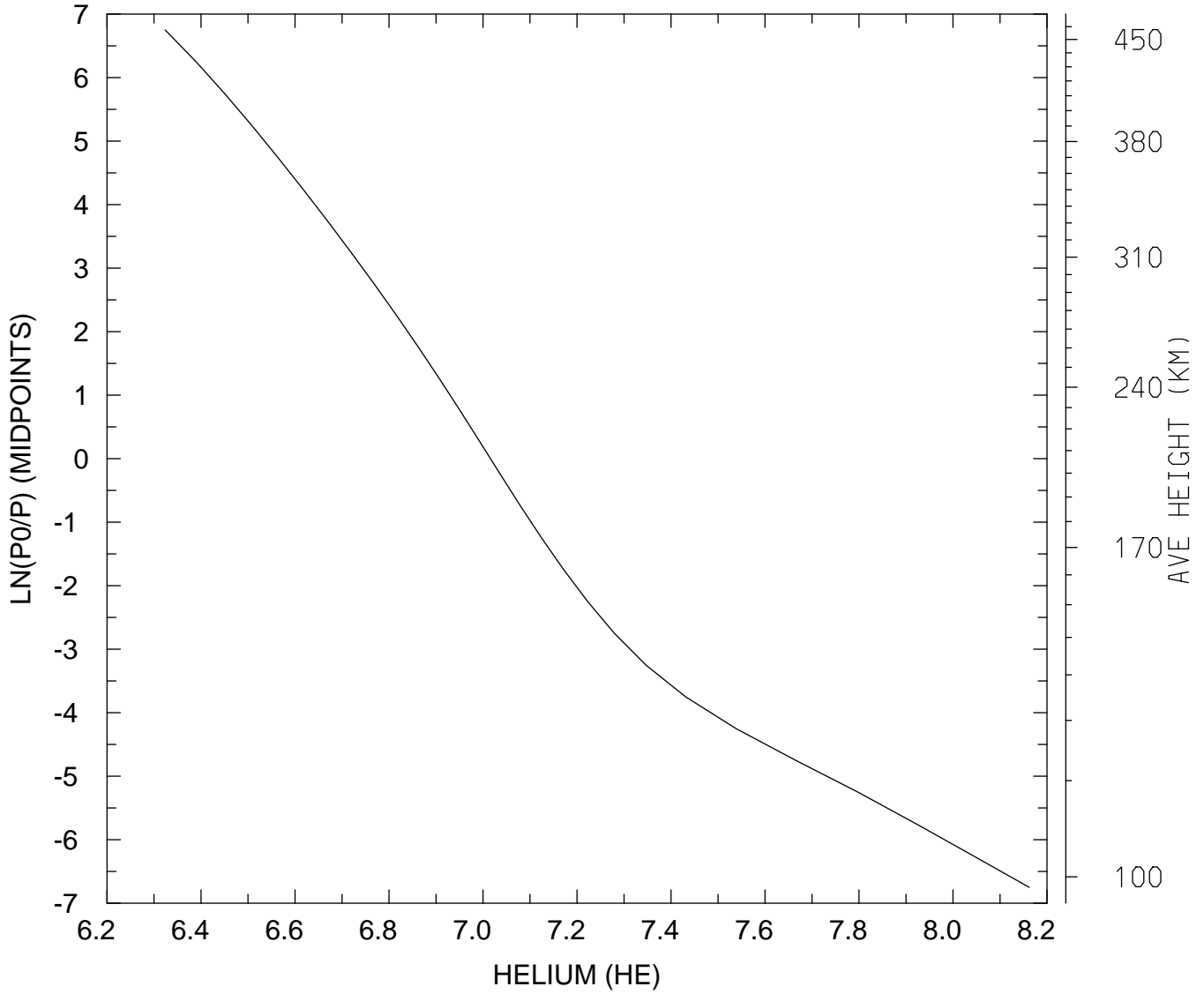
MIN,MAX= 3.3570E+04 1.1442E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 GLOBAL MEANS



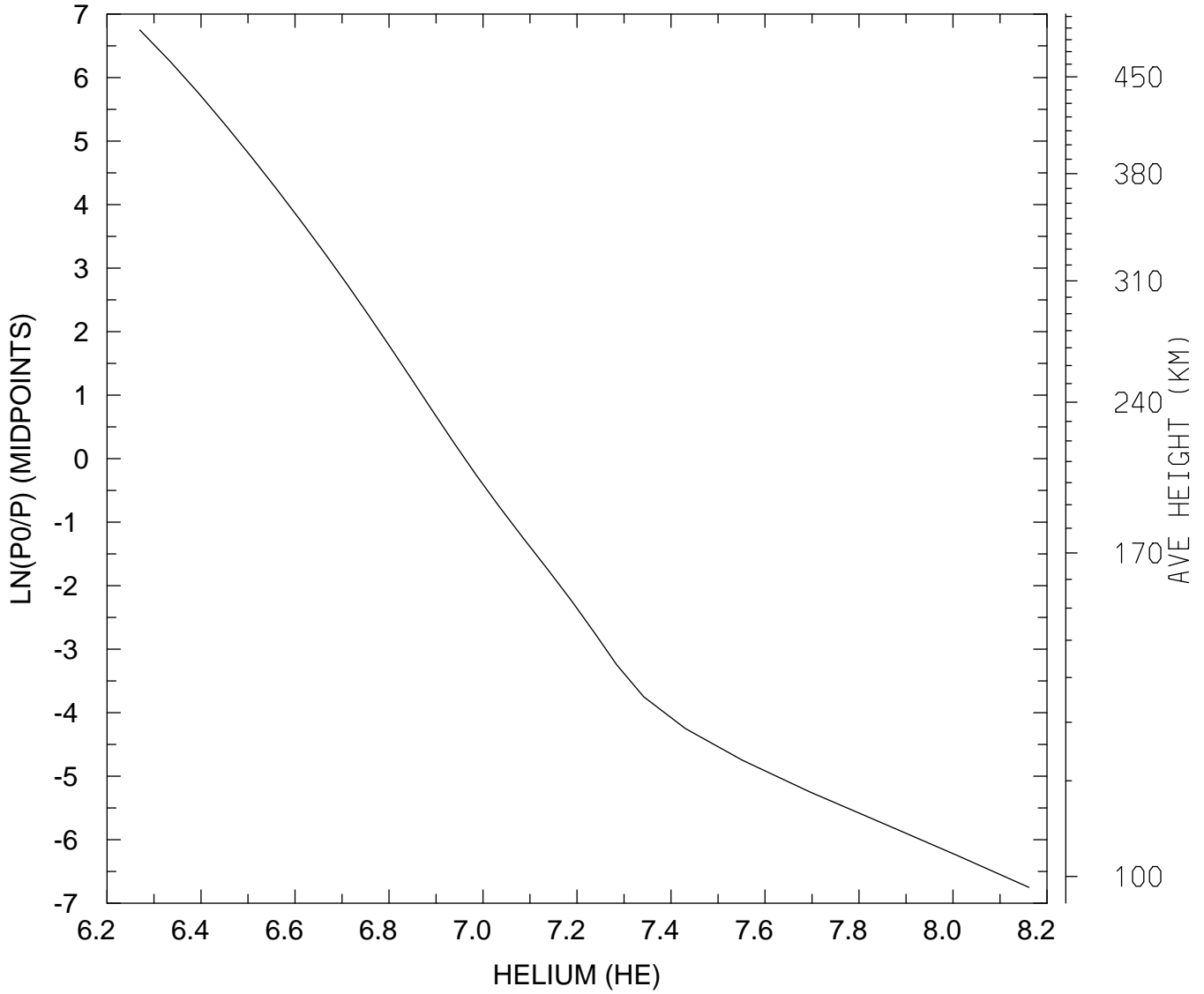
MIN,MAX= 3.8339E+04 1.2875E+07  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



MIN,MAX= 2.1072E+06 1.4527E+08  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

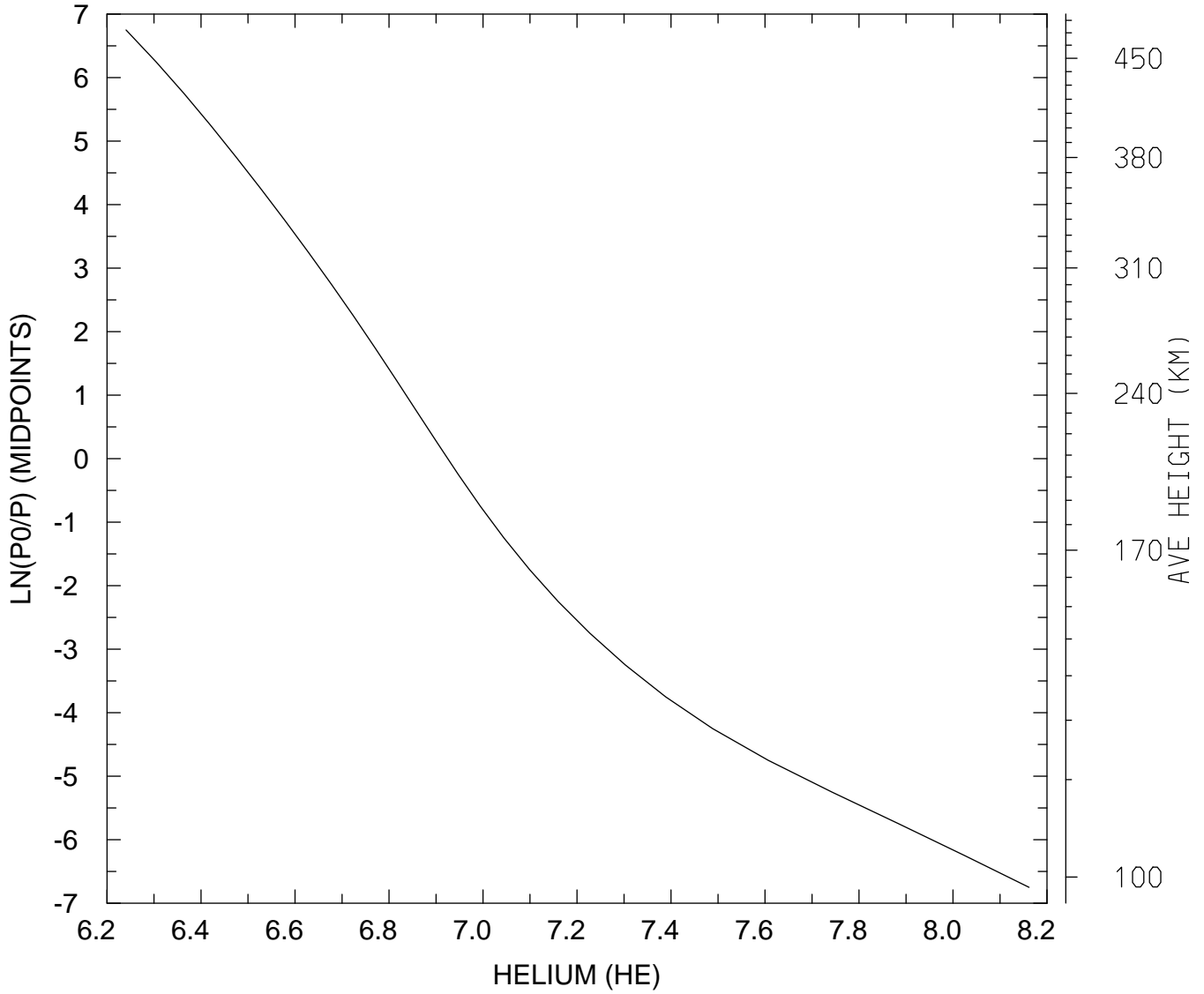
LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



MIN,MAX= 1.8605E+06 1.4502E+08  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

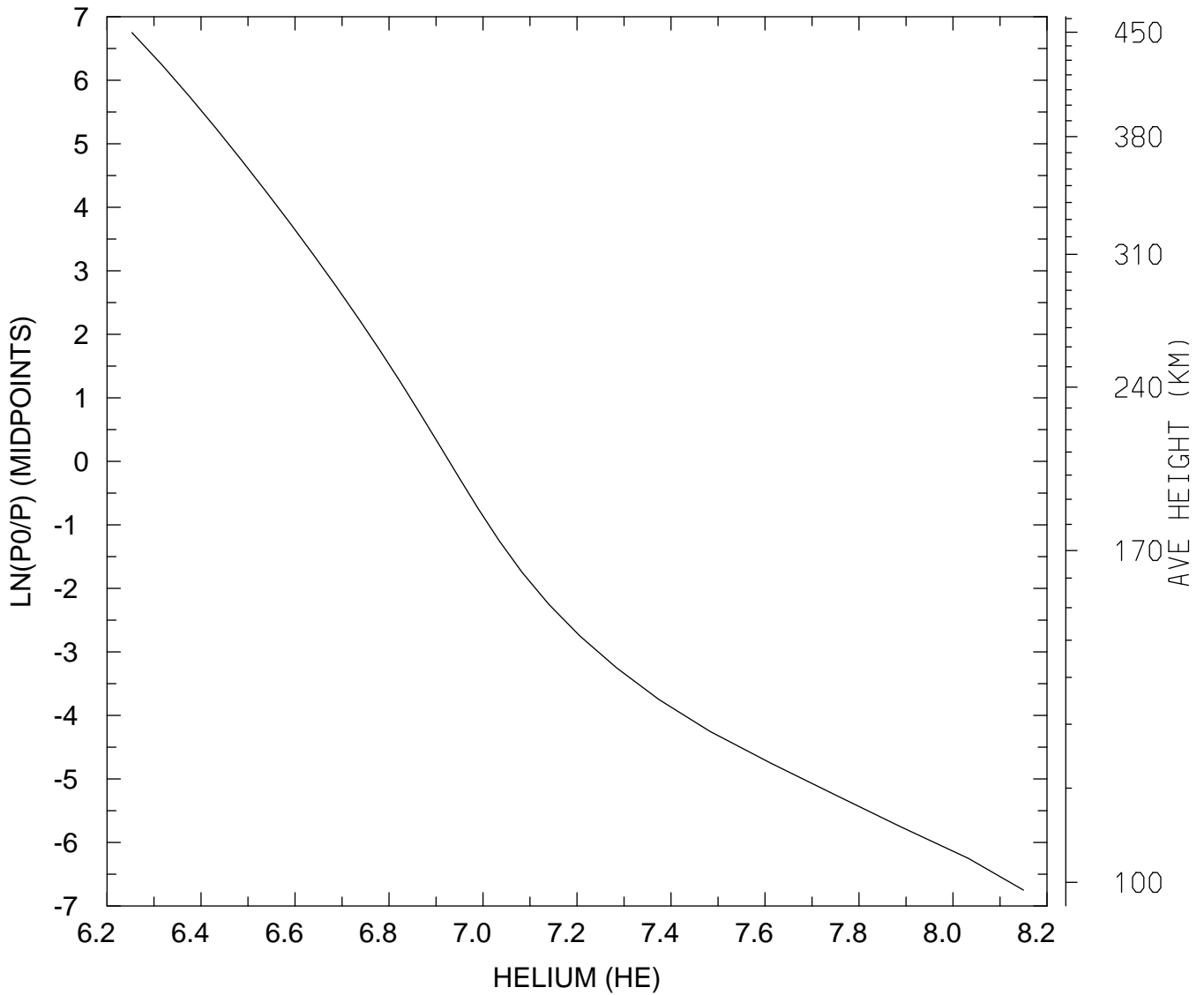


LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



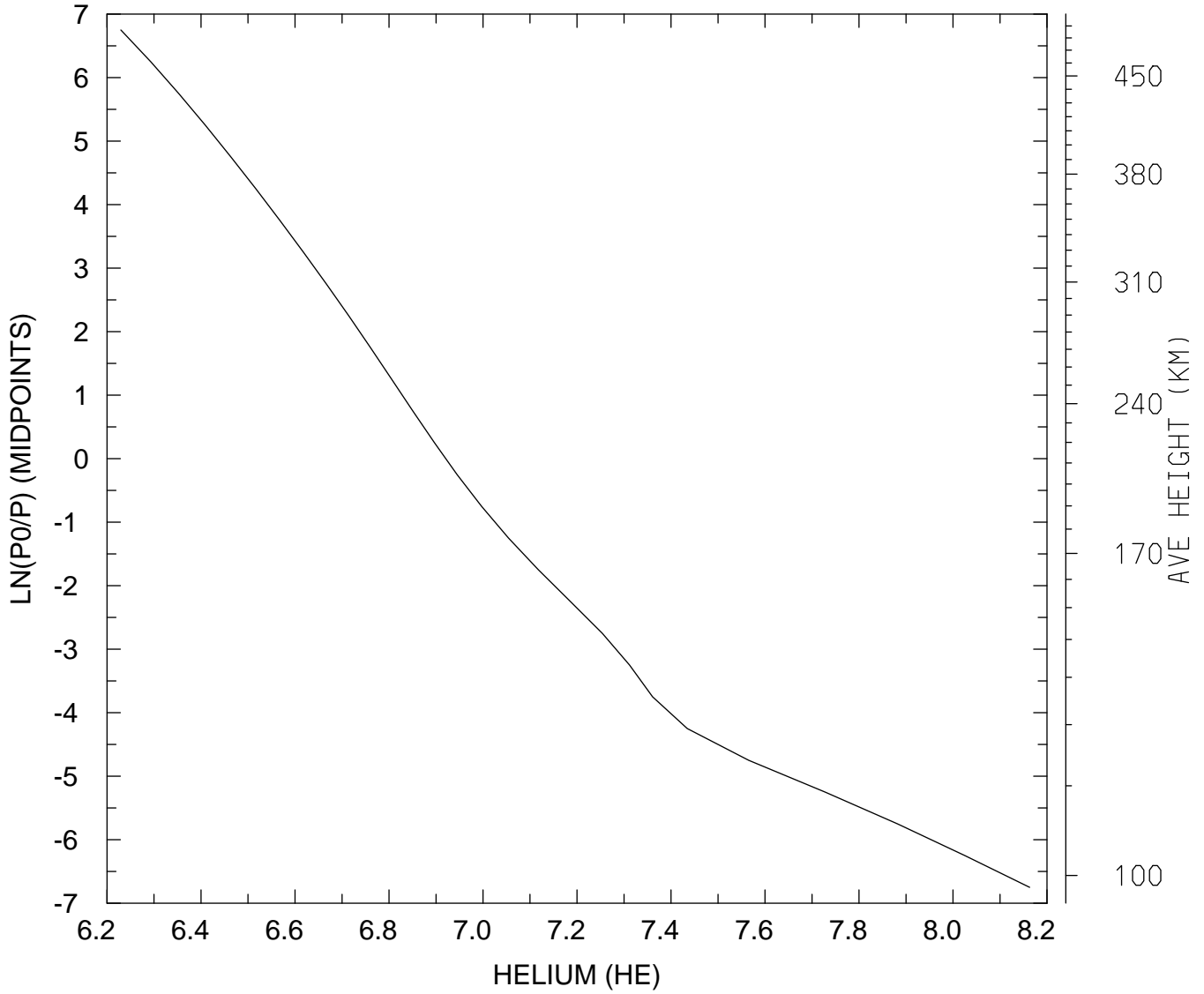
MIN,MAX= 1.7397E+06 1.4517E+08  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



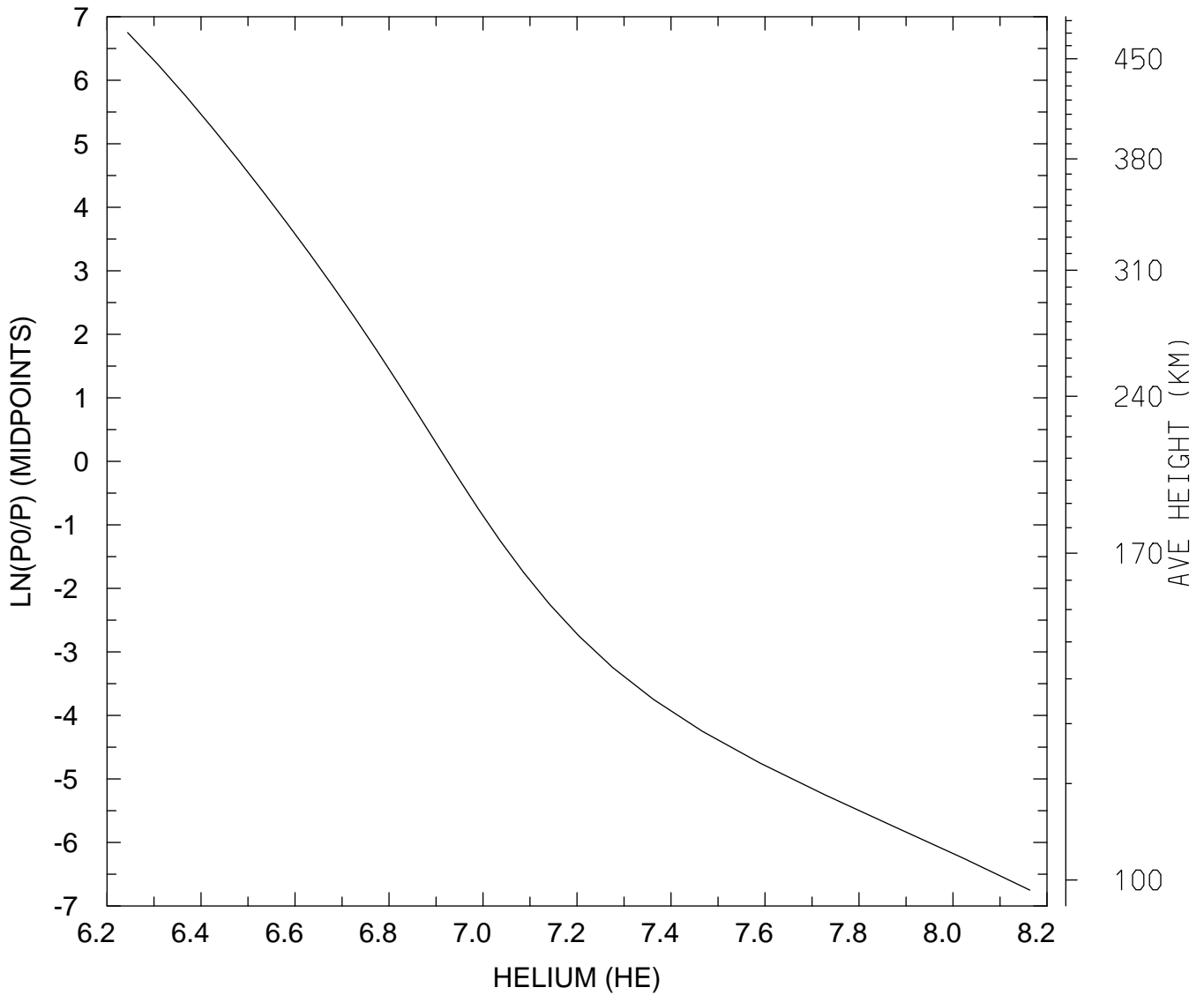
MIN,MAX= 1.7907E+06 1.4123E+08  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



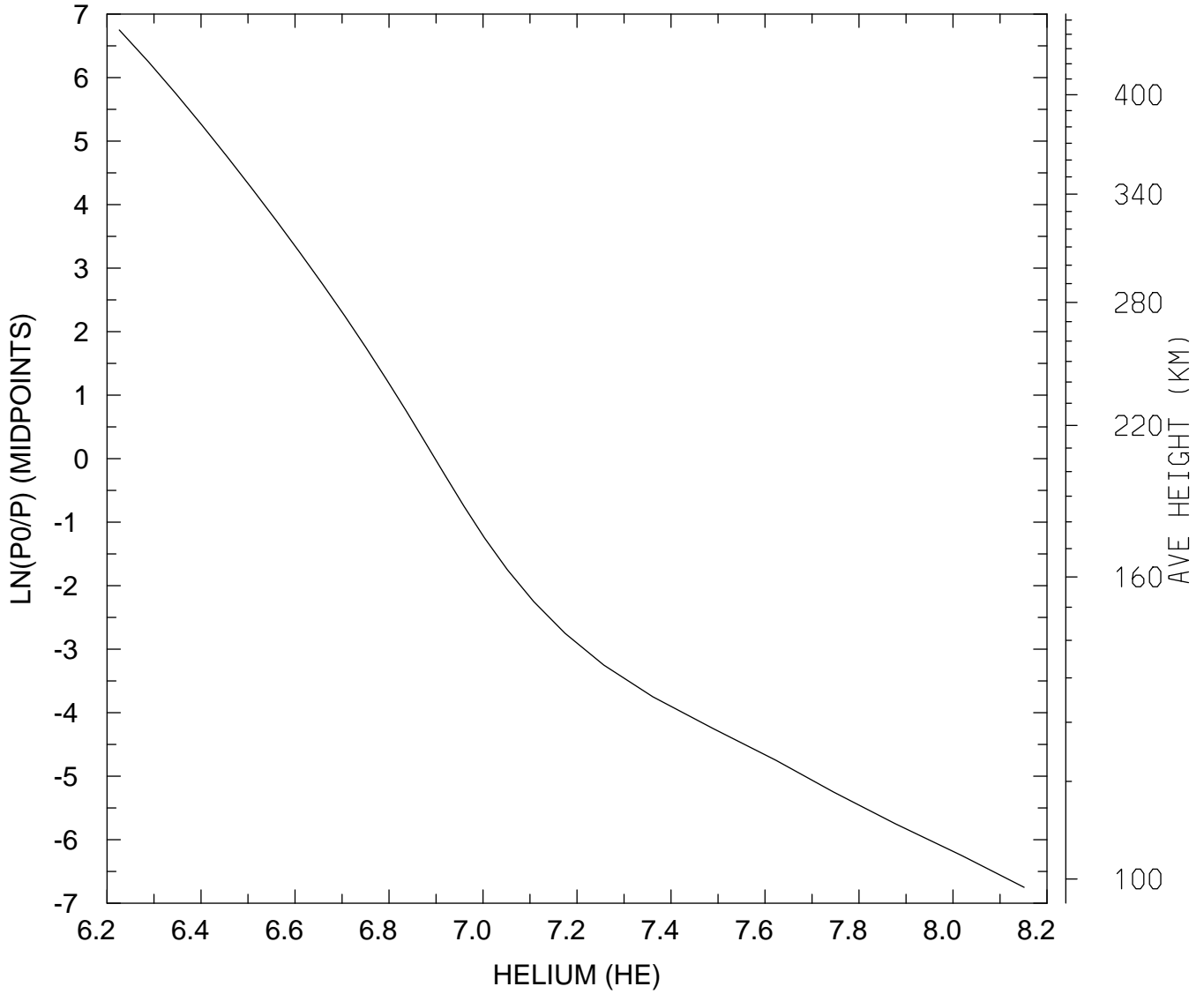
MIN,MAX= 1.6960E+06 1.4552E+08  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



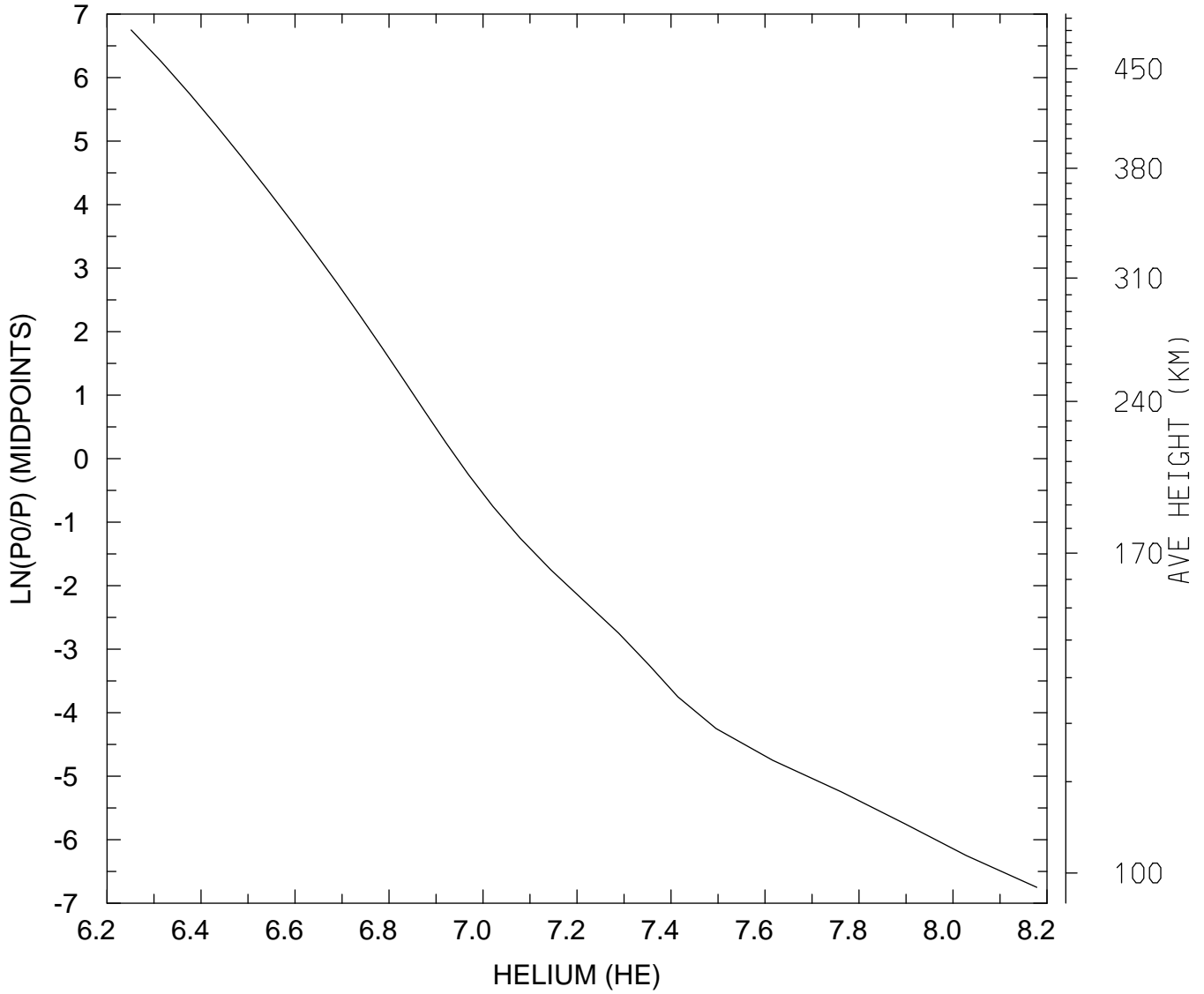
MIN,MAX= 1.7534E+06 1.4571E+08  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



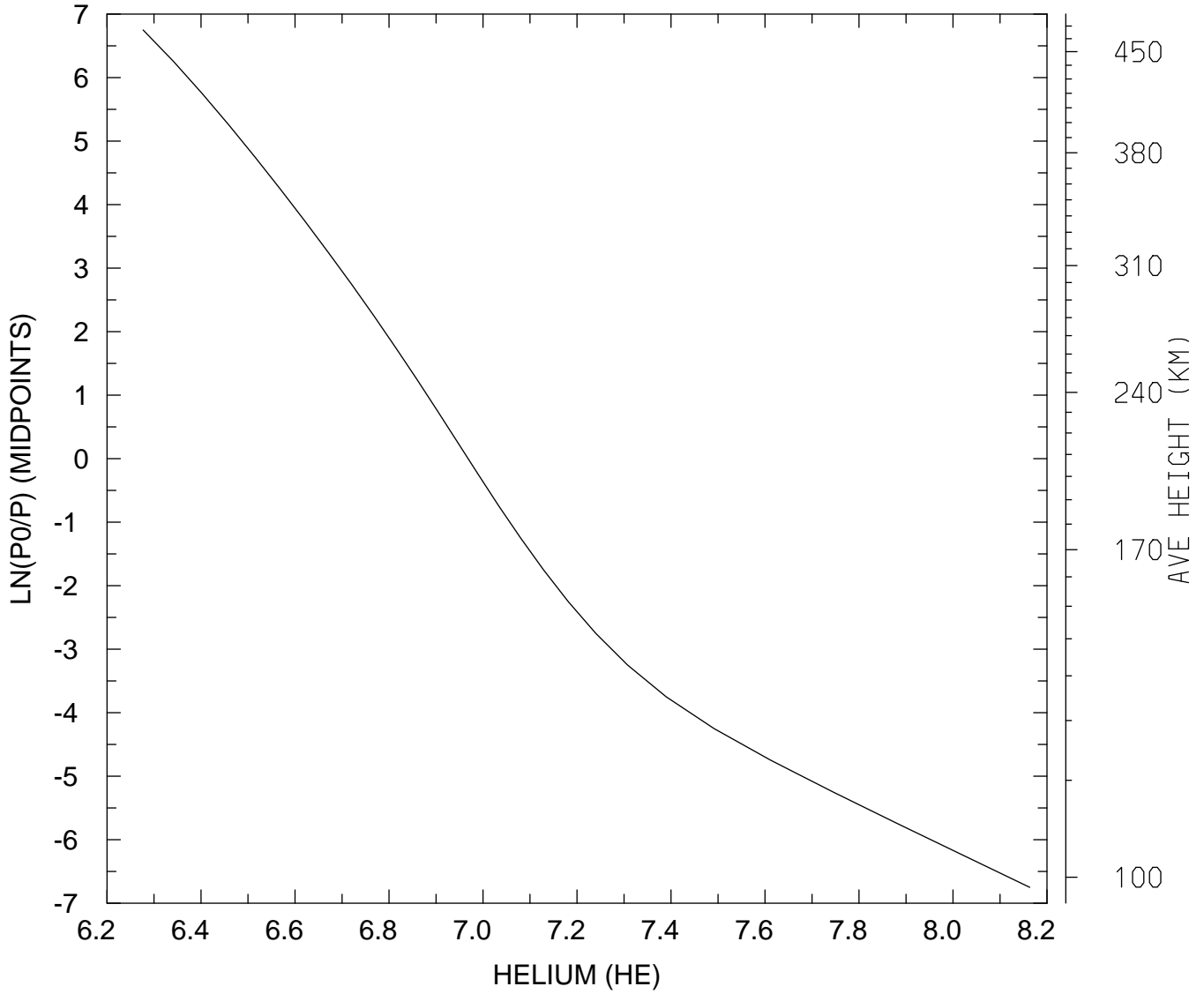
MIN,MAX= 1.6833E+06 1.4171E+08  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



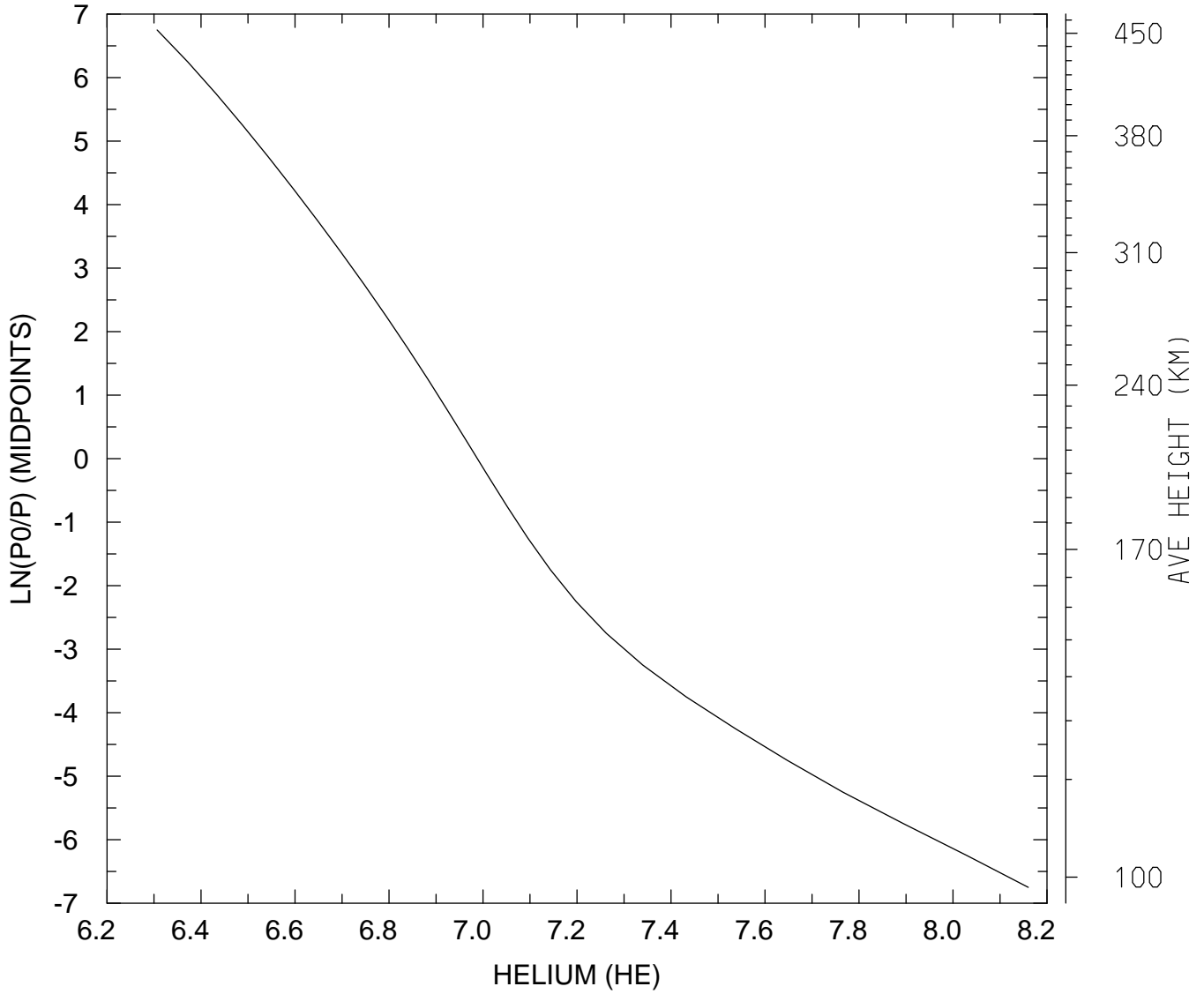
MIN,MAX= 1.7838E+06 1.5073E+08  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



MIN,MAX= 1.8910E+06 1.4563E+08  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

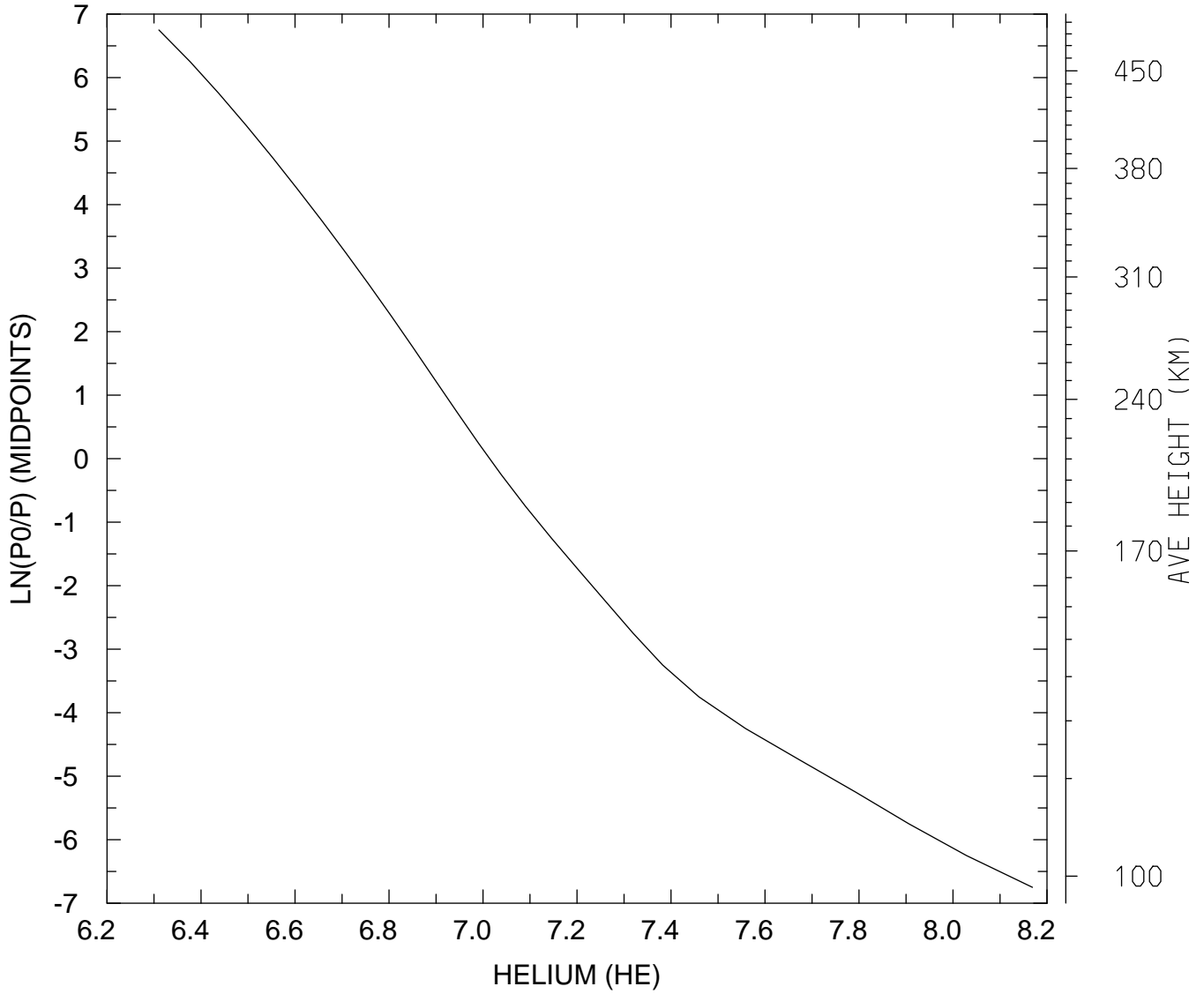
LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



MIN,MAX= 2.0261E+06 1.4462E+08  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

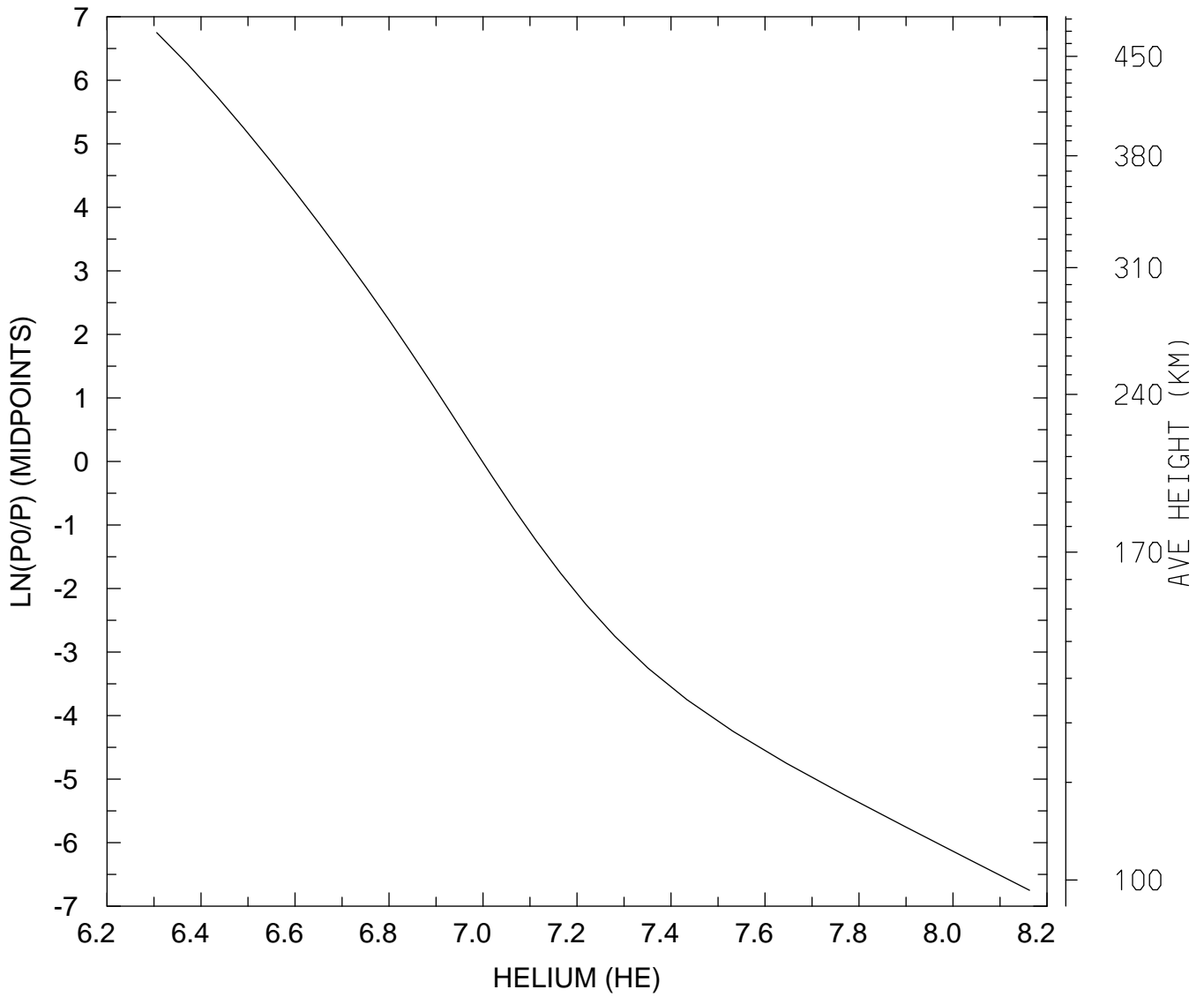


LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



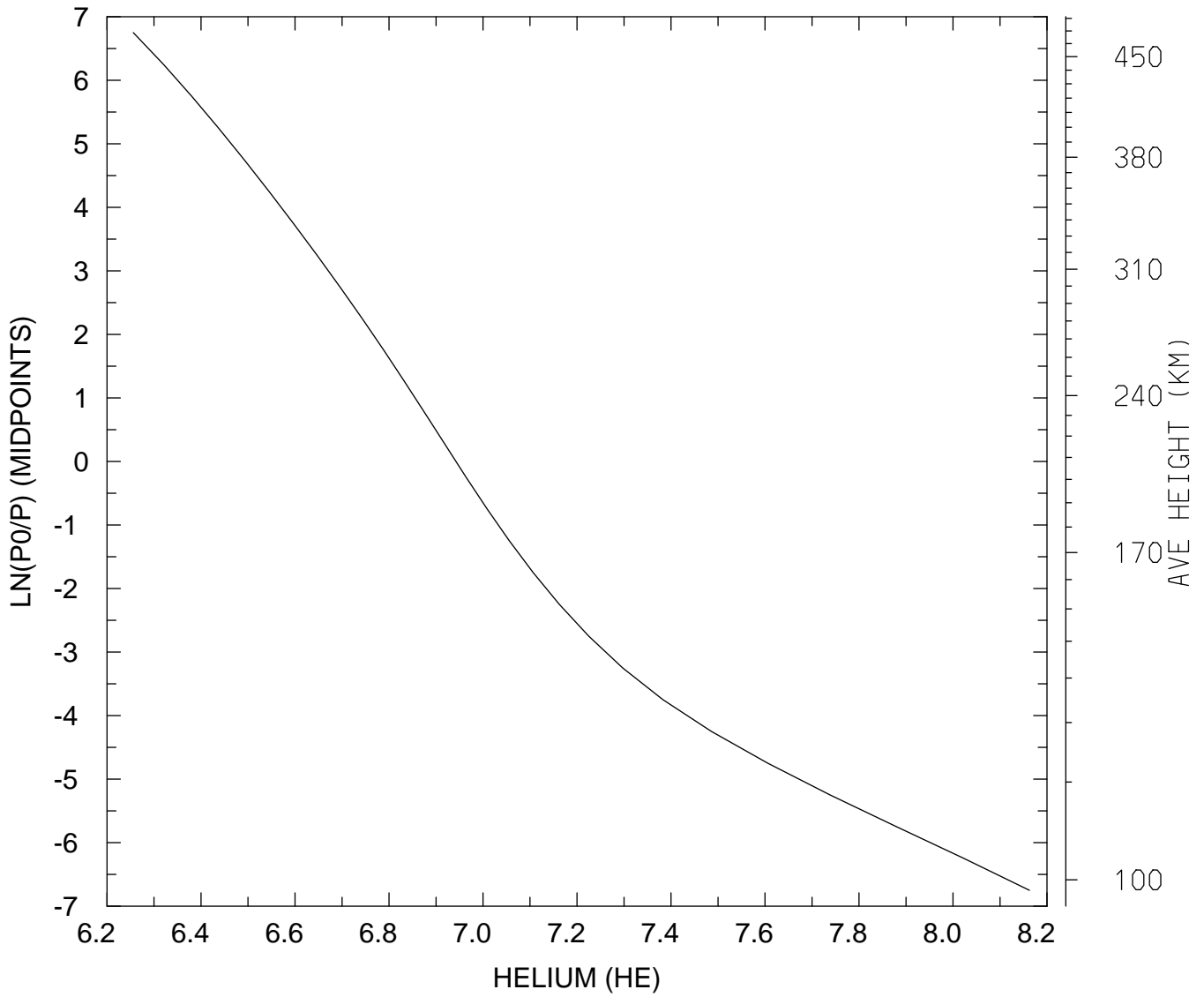
MIN,MAX= 2.0430E+06 1.4759E+08  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



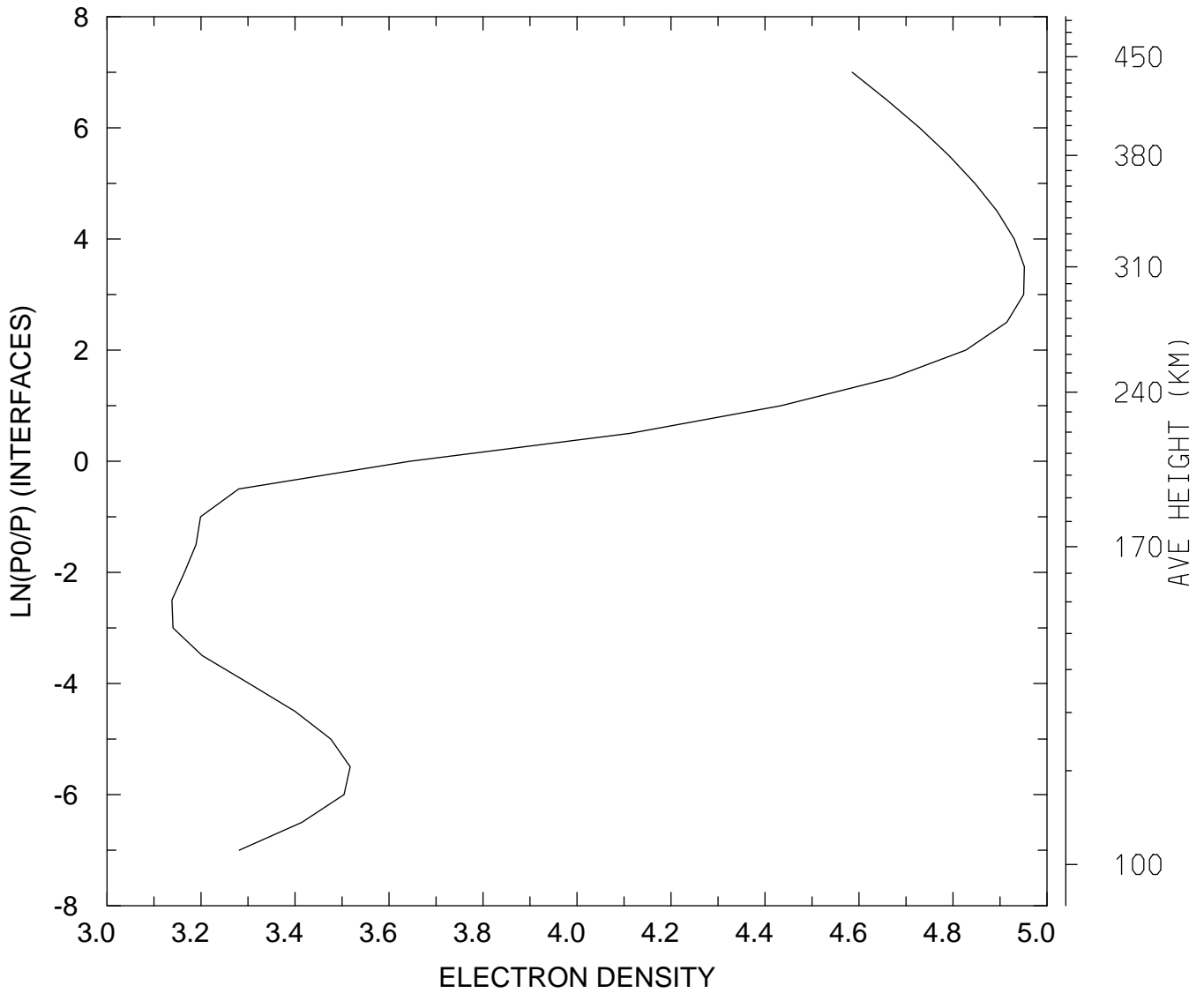
MIN,MAX= 2.0224E+06 1.4550E+08  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 GLOBAL MEANS



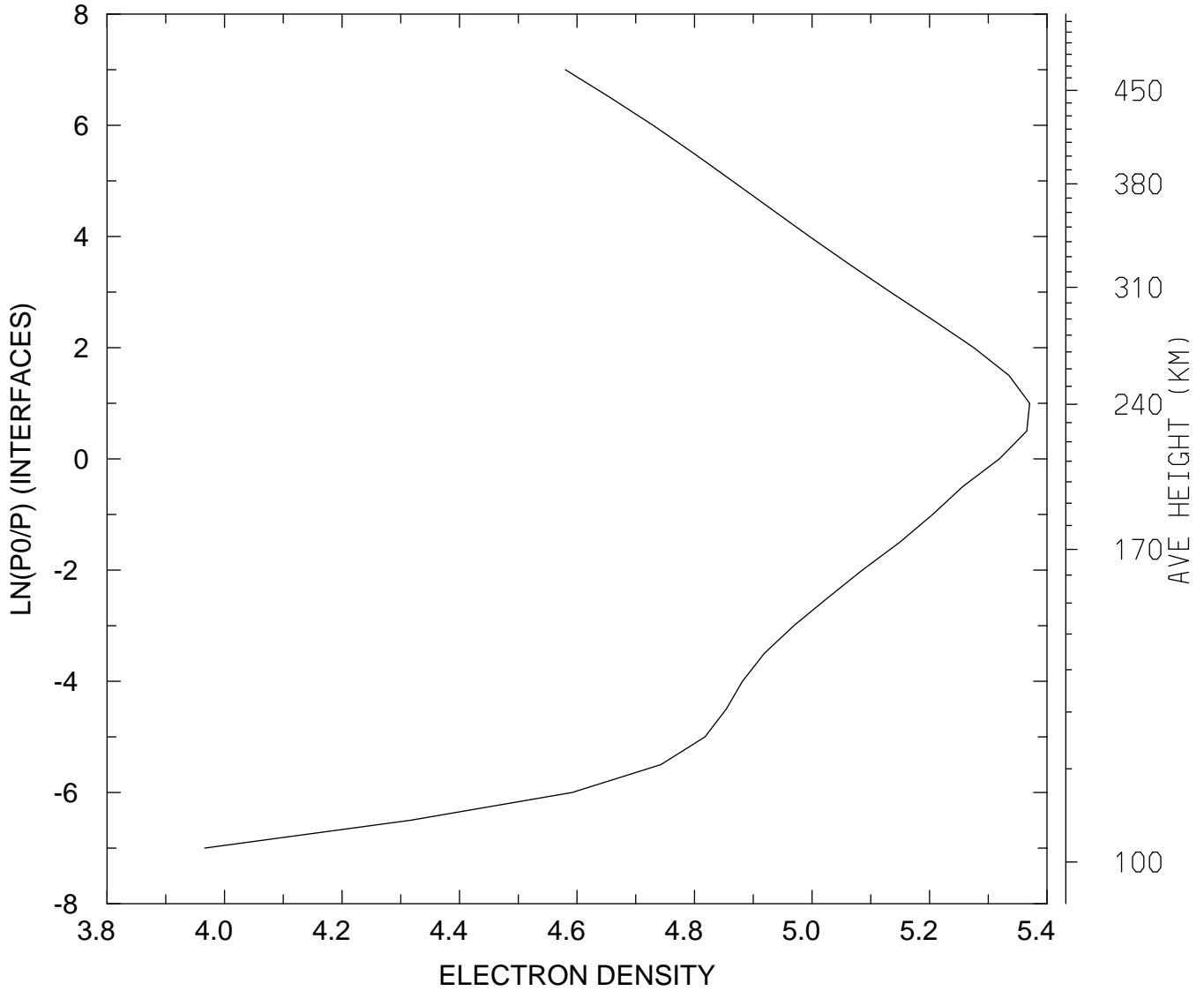
MIN,MAX= 1.8023E+06 1.4543E+08  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



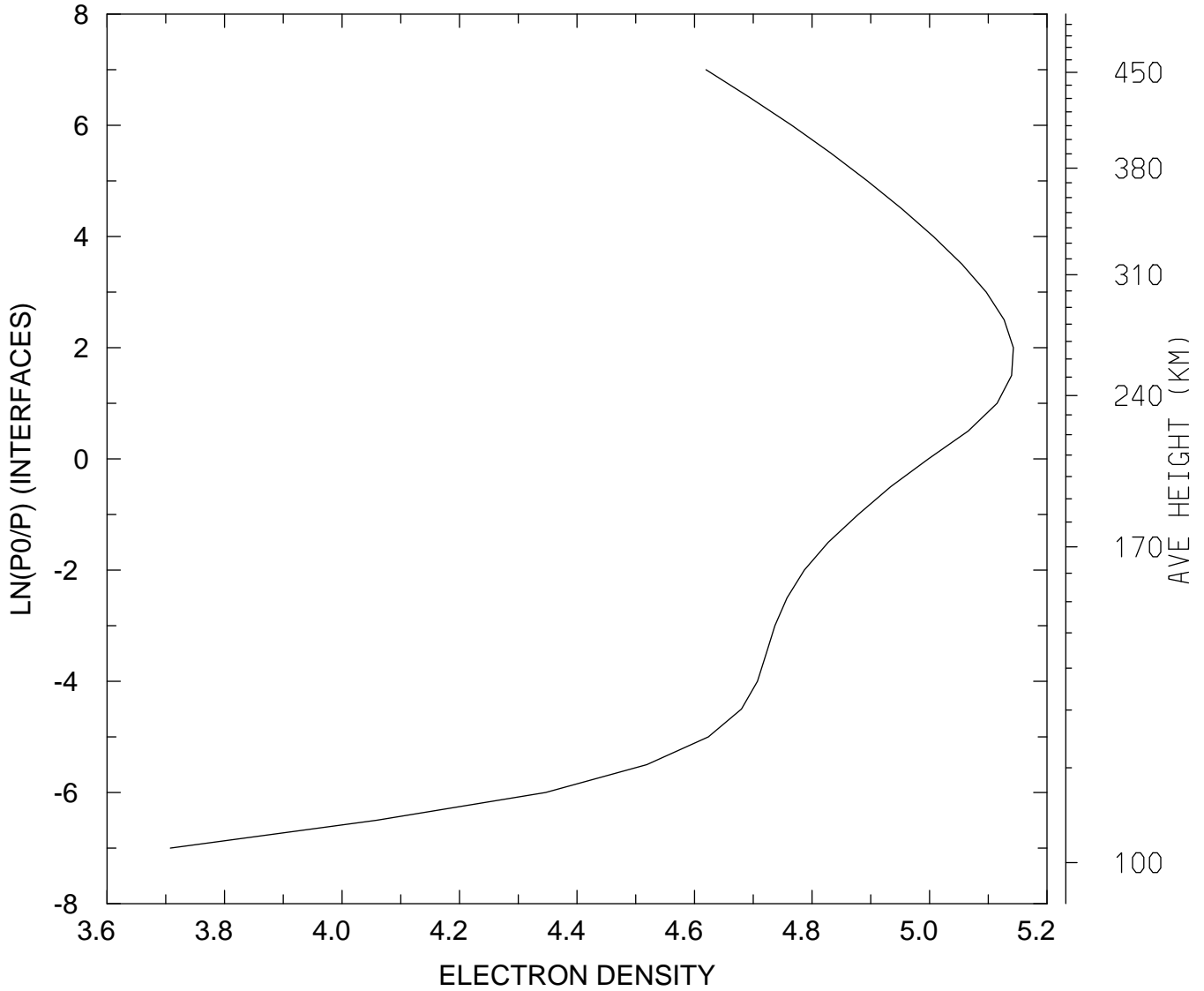
MIN,MAX= 1.3740E+03 8.9479E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



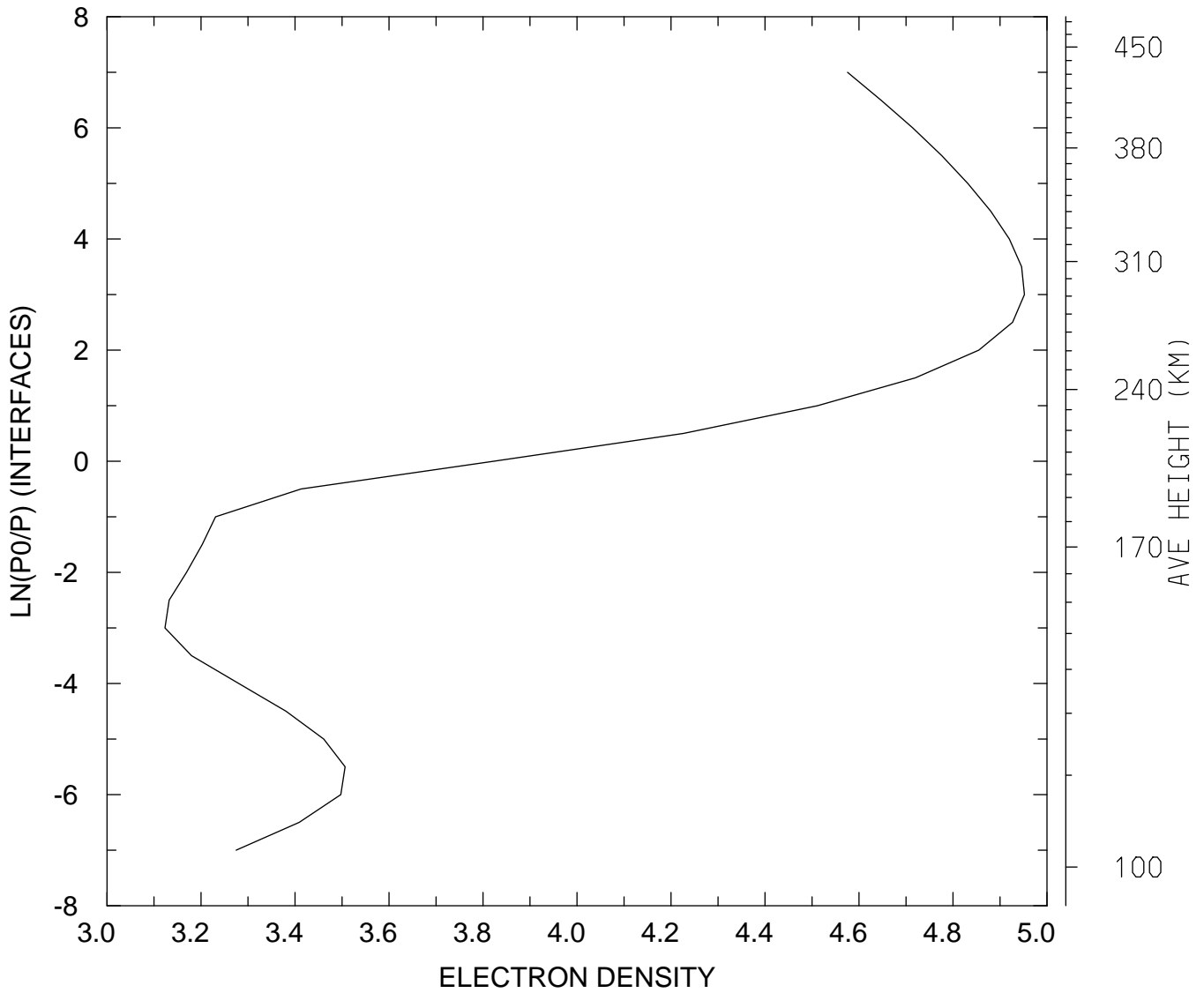
MIN,MAX= 9.2513E+03 2.3465E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



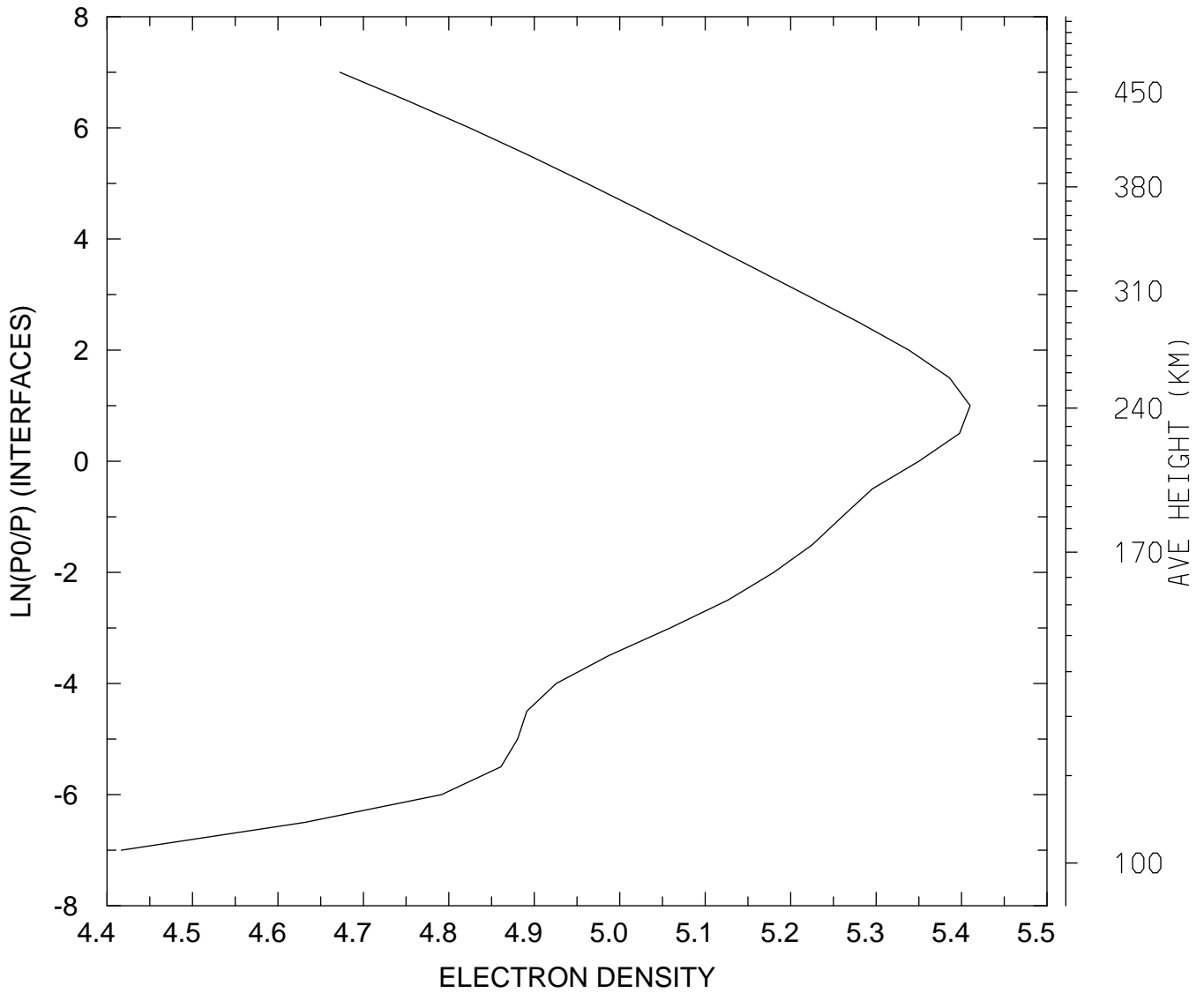
MIN,MAX= 5.1027E+03 1.3891E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



MIN,MAX= 1.3284E+03 8.9507E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

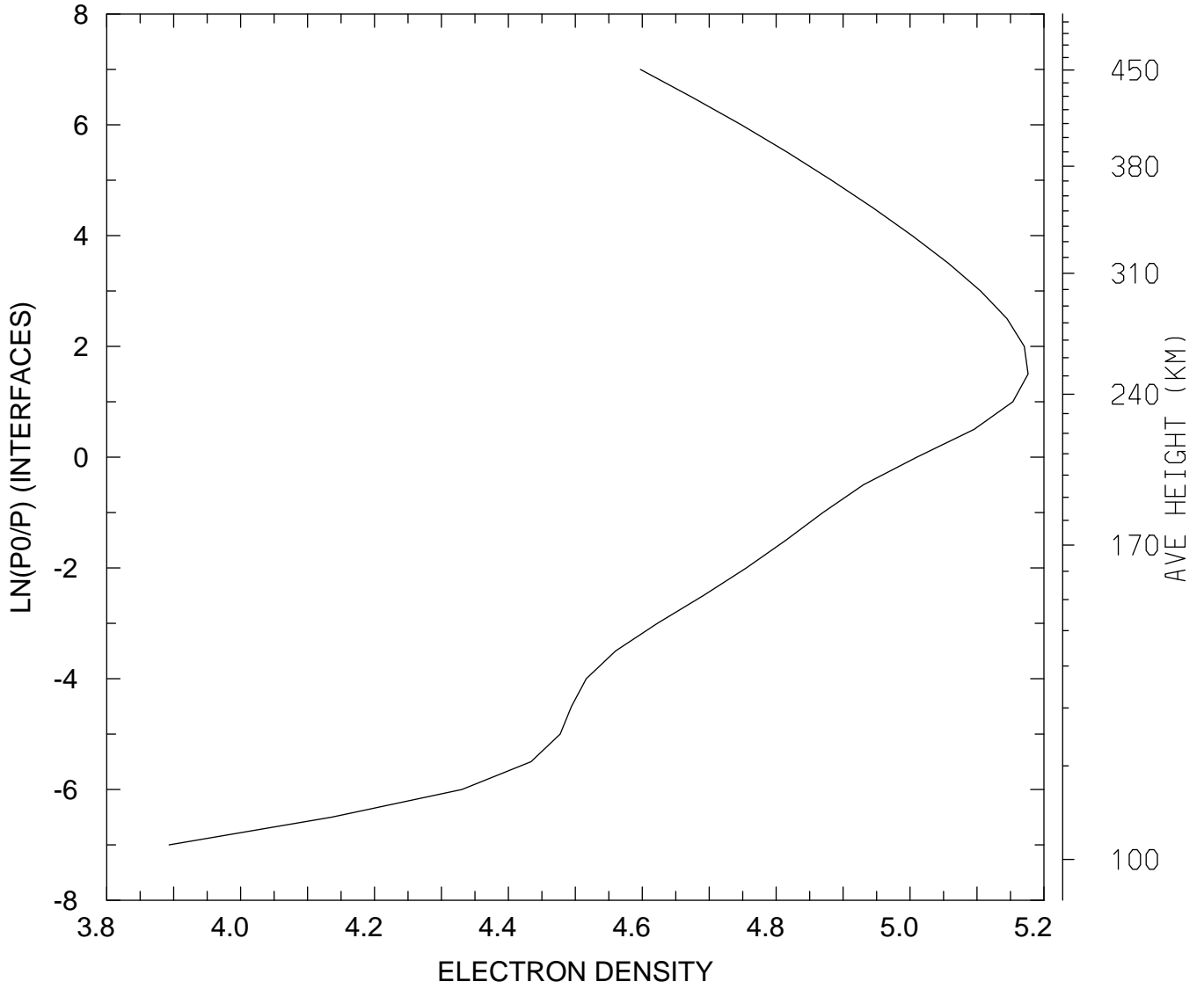
LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



MIN,MAX= 2.6108E+04 2.5706E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

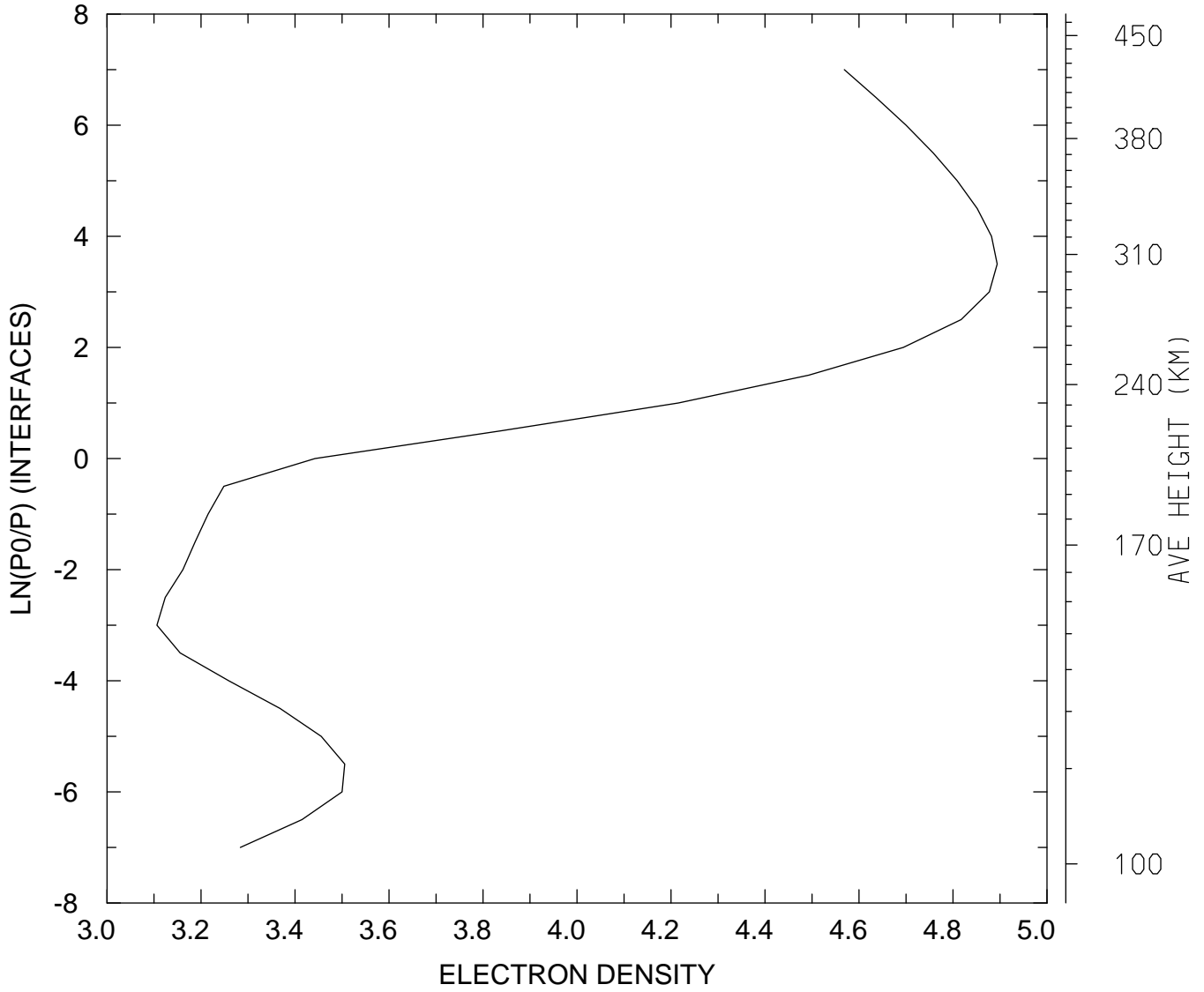


LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



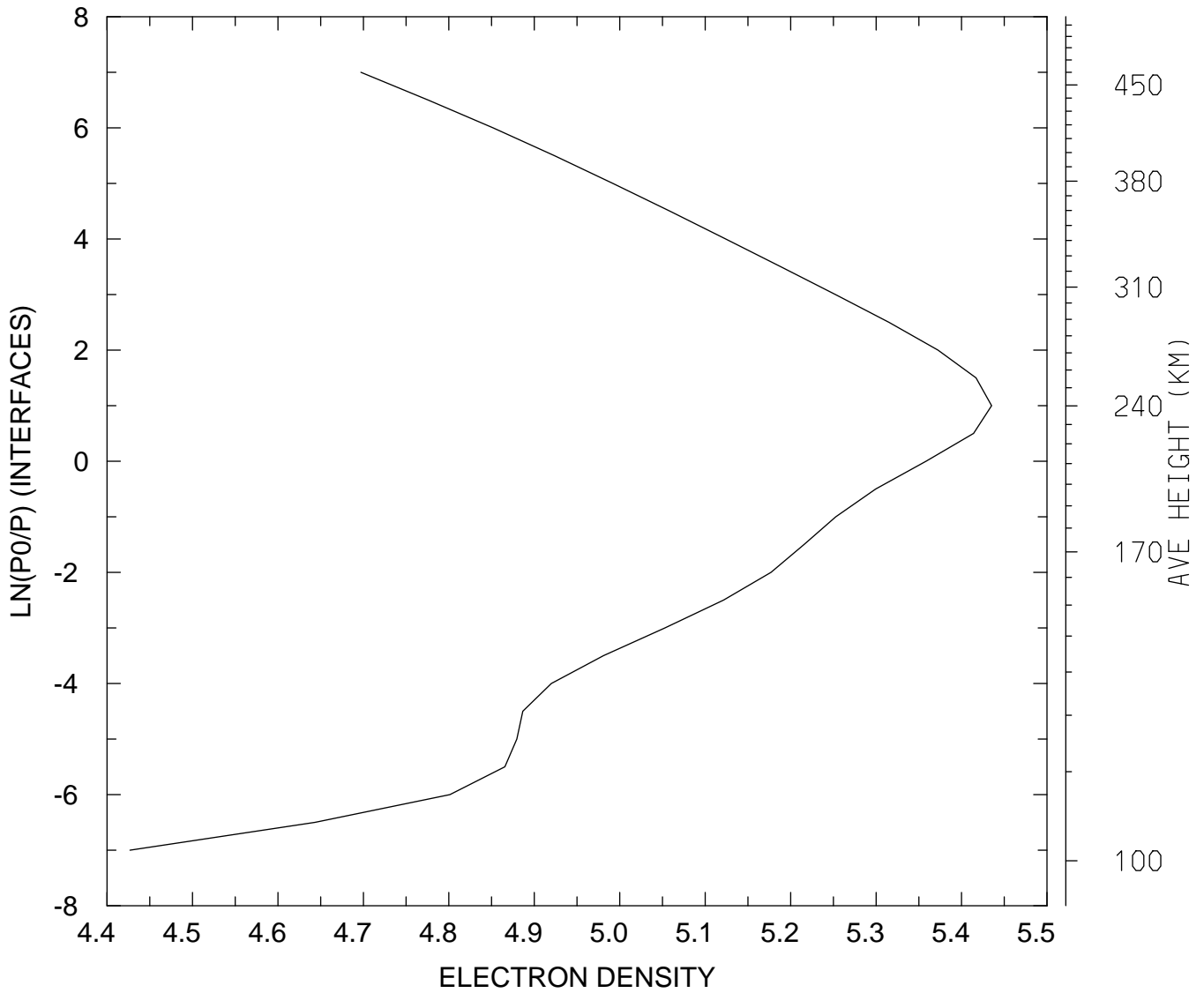
MIN,MAX= 7.8175E+03 1.5006E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



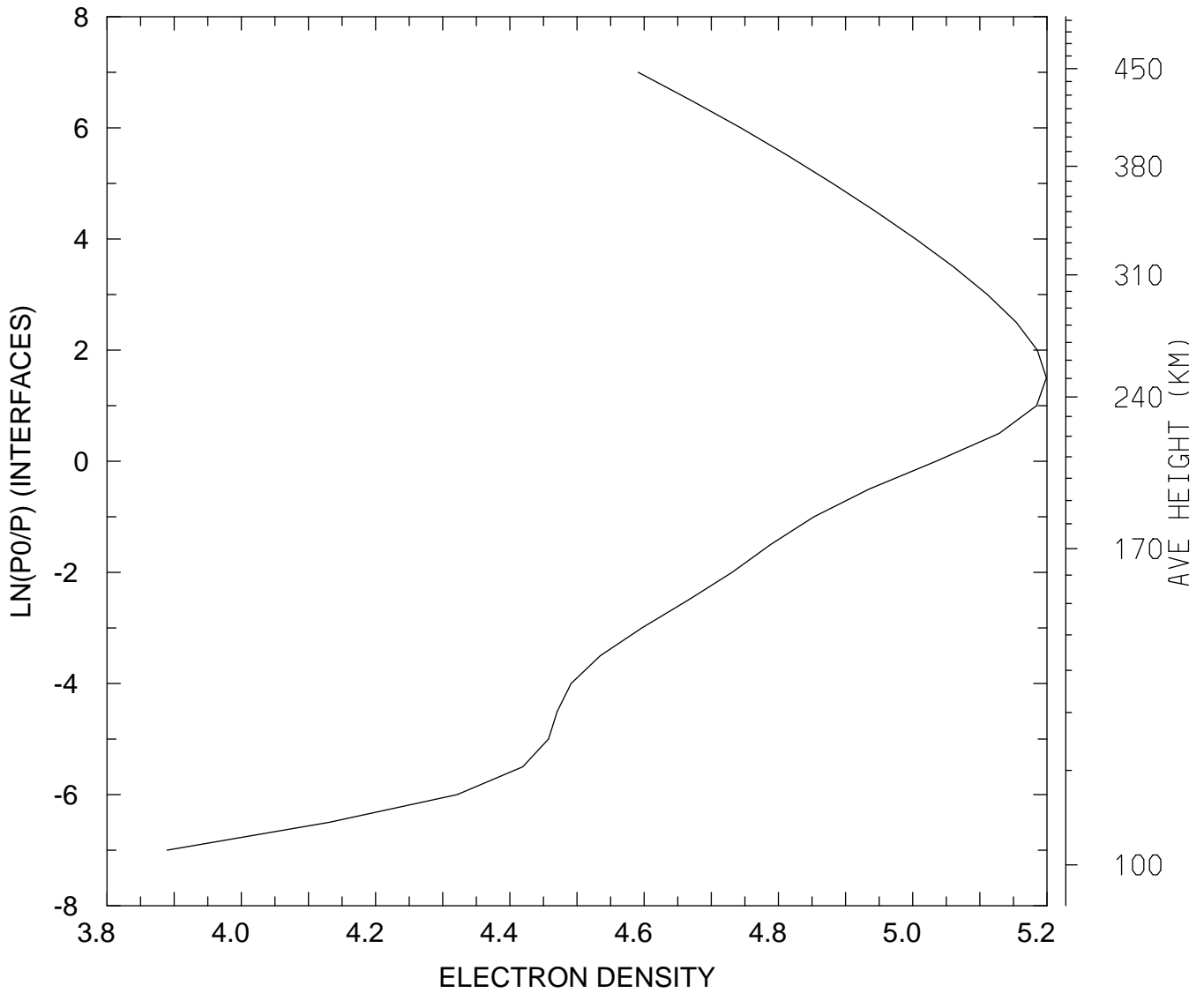
MIN,MAX= 1.2772E+03 7.8331E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



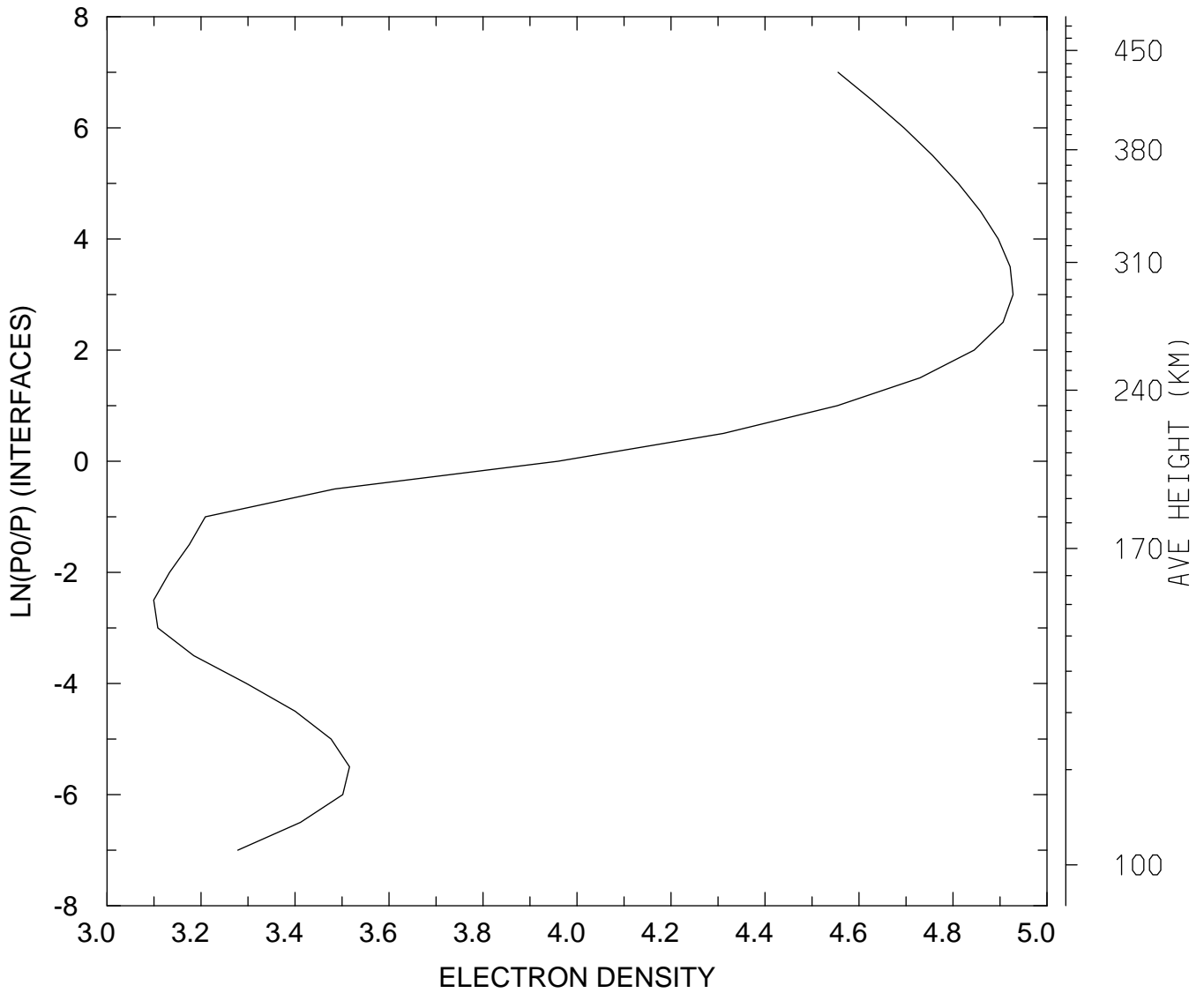
MIN,MAX= 2.6723E+04 2.7234E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



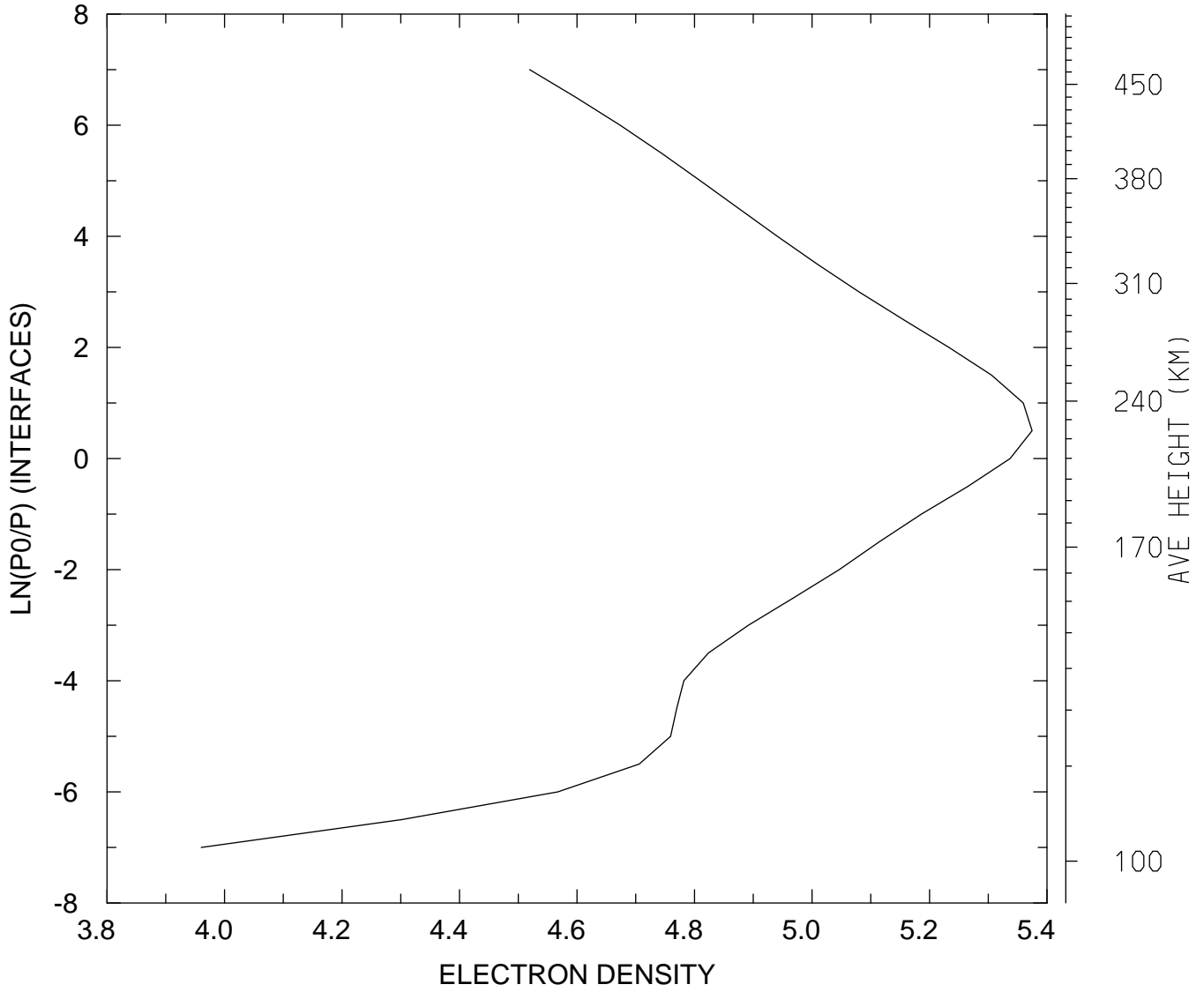
MIN,MAX= 7.7515E+03 1.5815E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



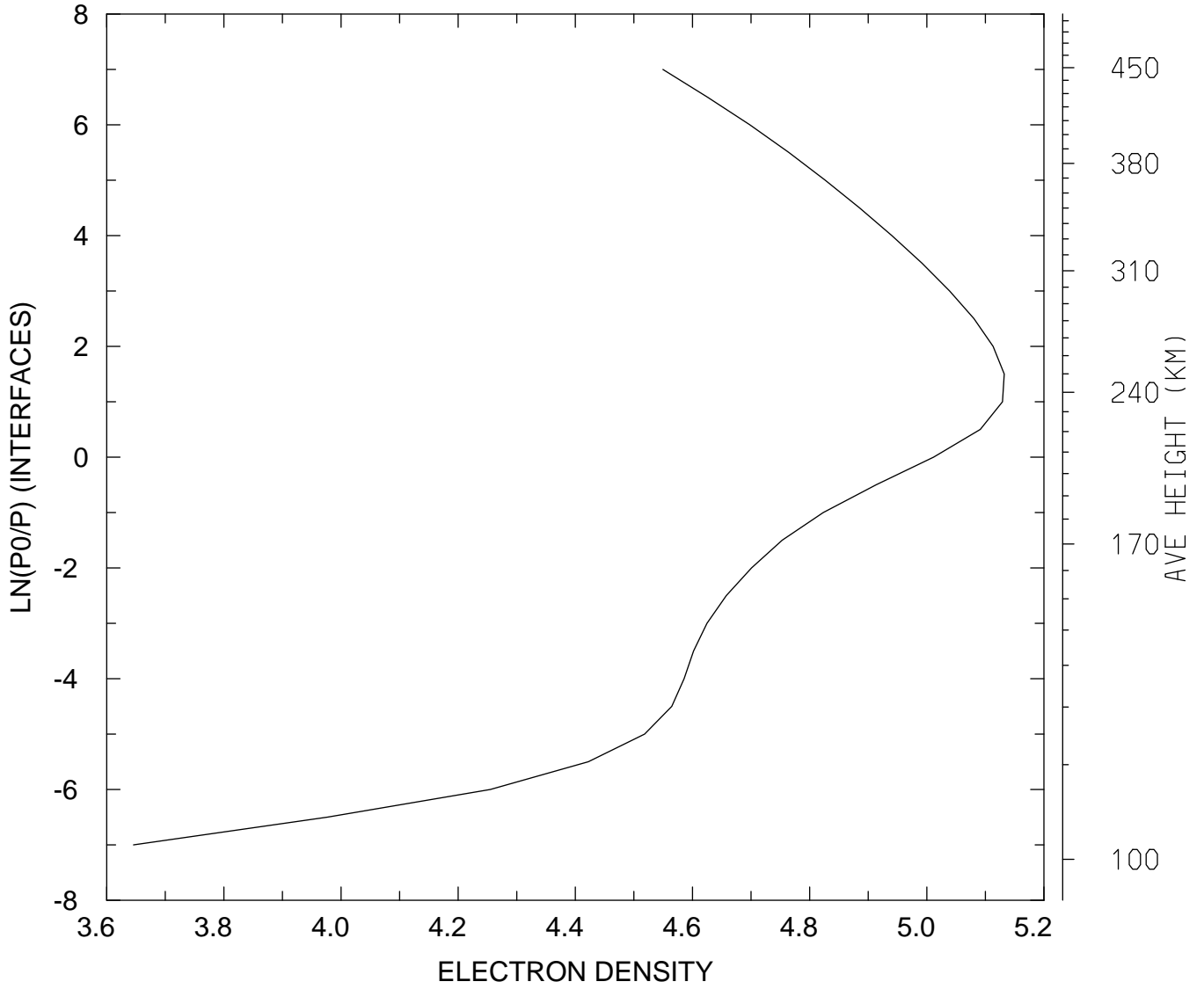
MIN,MAX= 1.2566E+03 8.4679E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



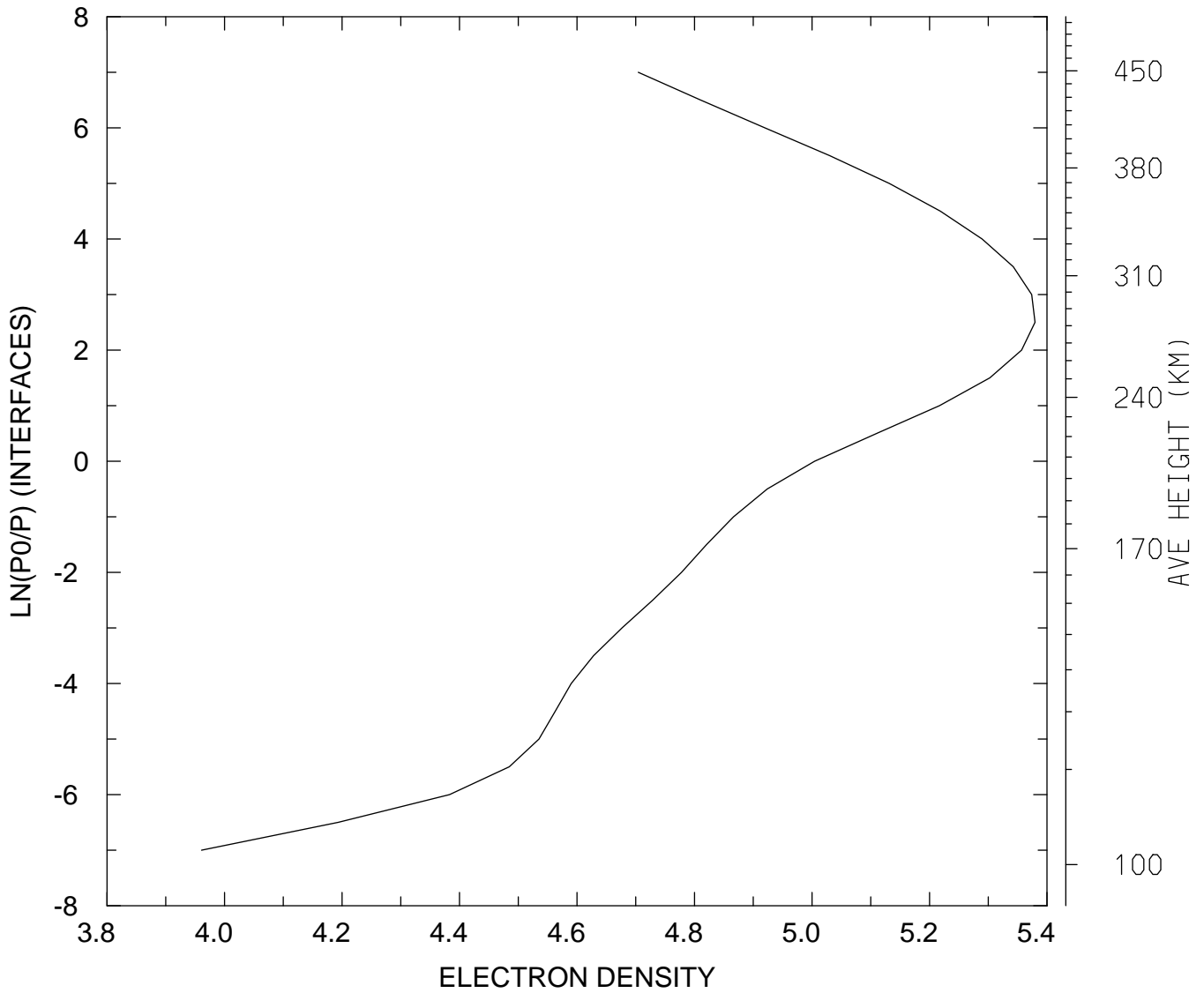
MIN,MAX= 9.1263E+03 2.3690E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



MIN,MAX= 4.4242E+03 1.3557E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

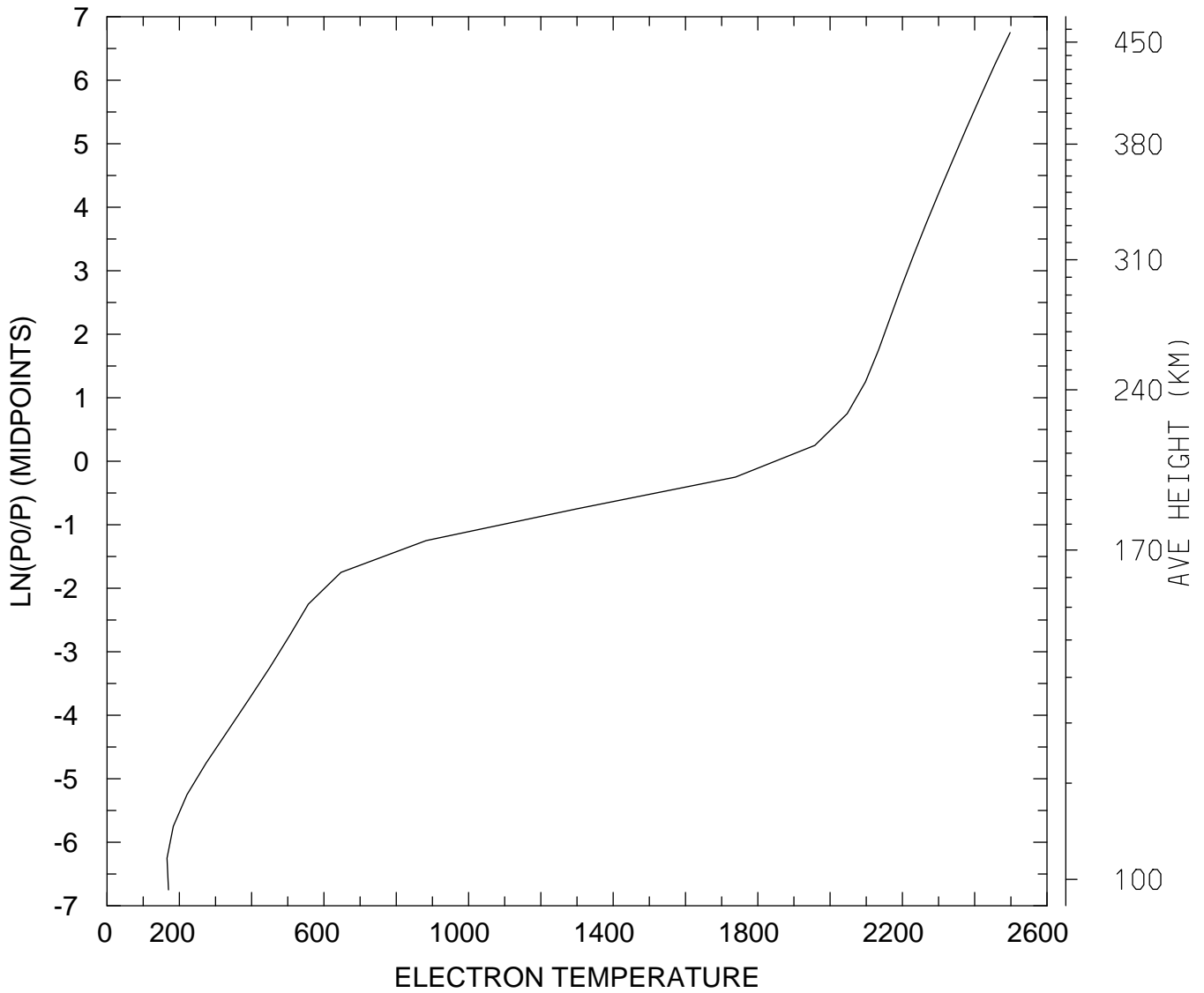
LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 GLOBAL MEANS



MIN,MAX= 9.1392E+03 2.3964E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

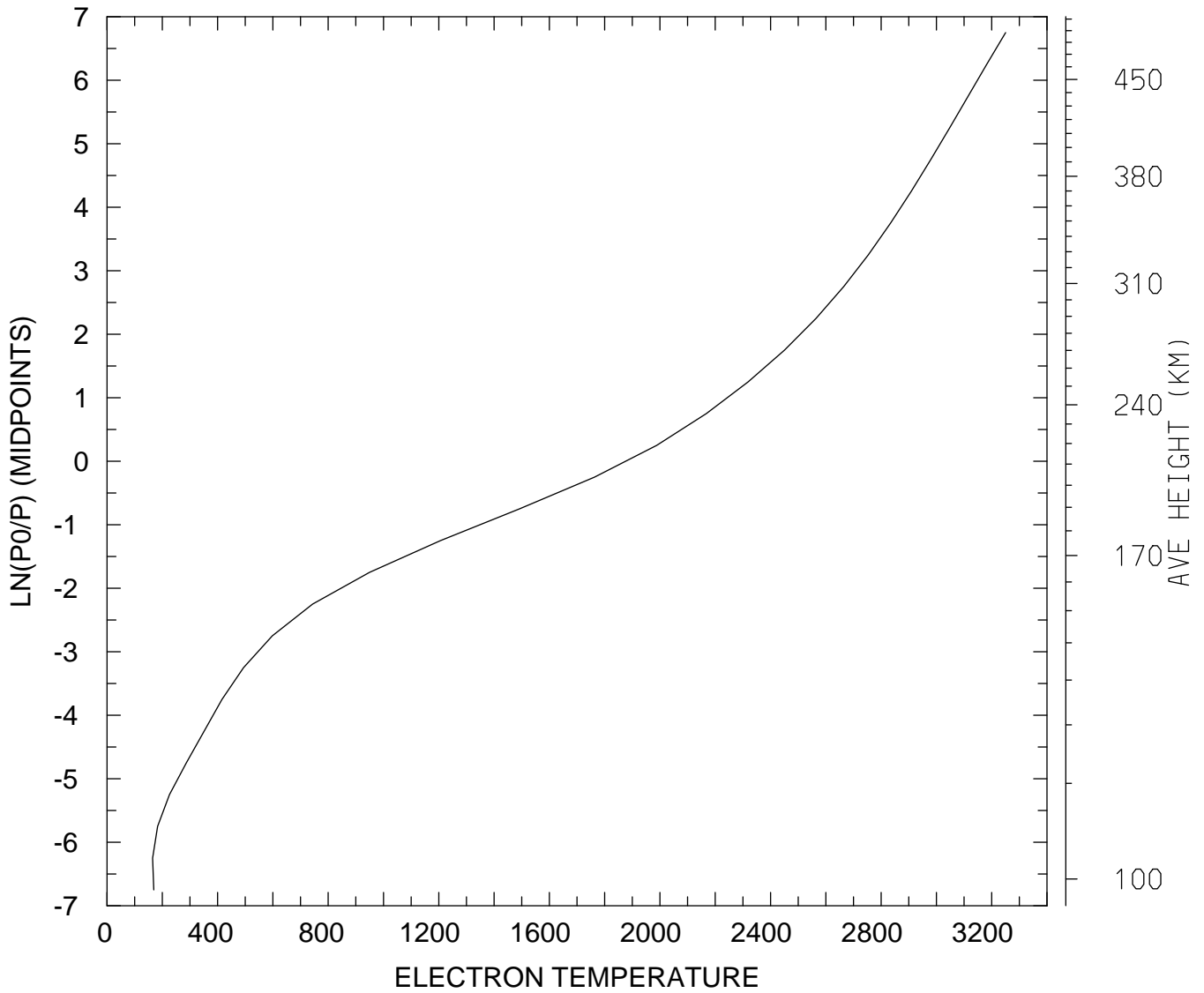


ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



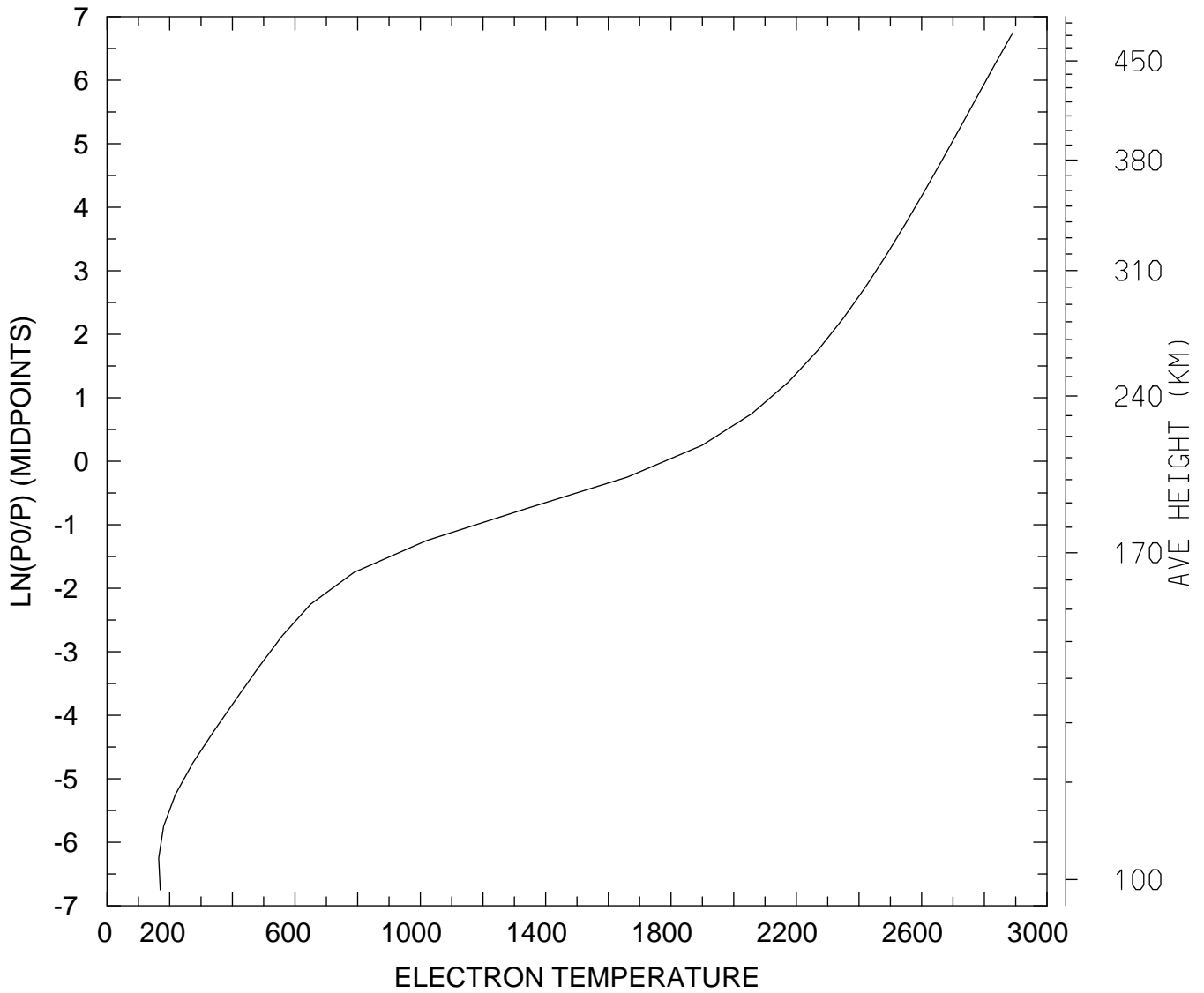
MIN,MAX= 1.6600E+02 2.4978E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



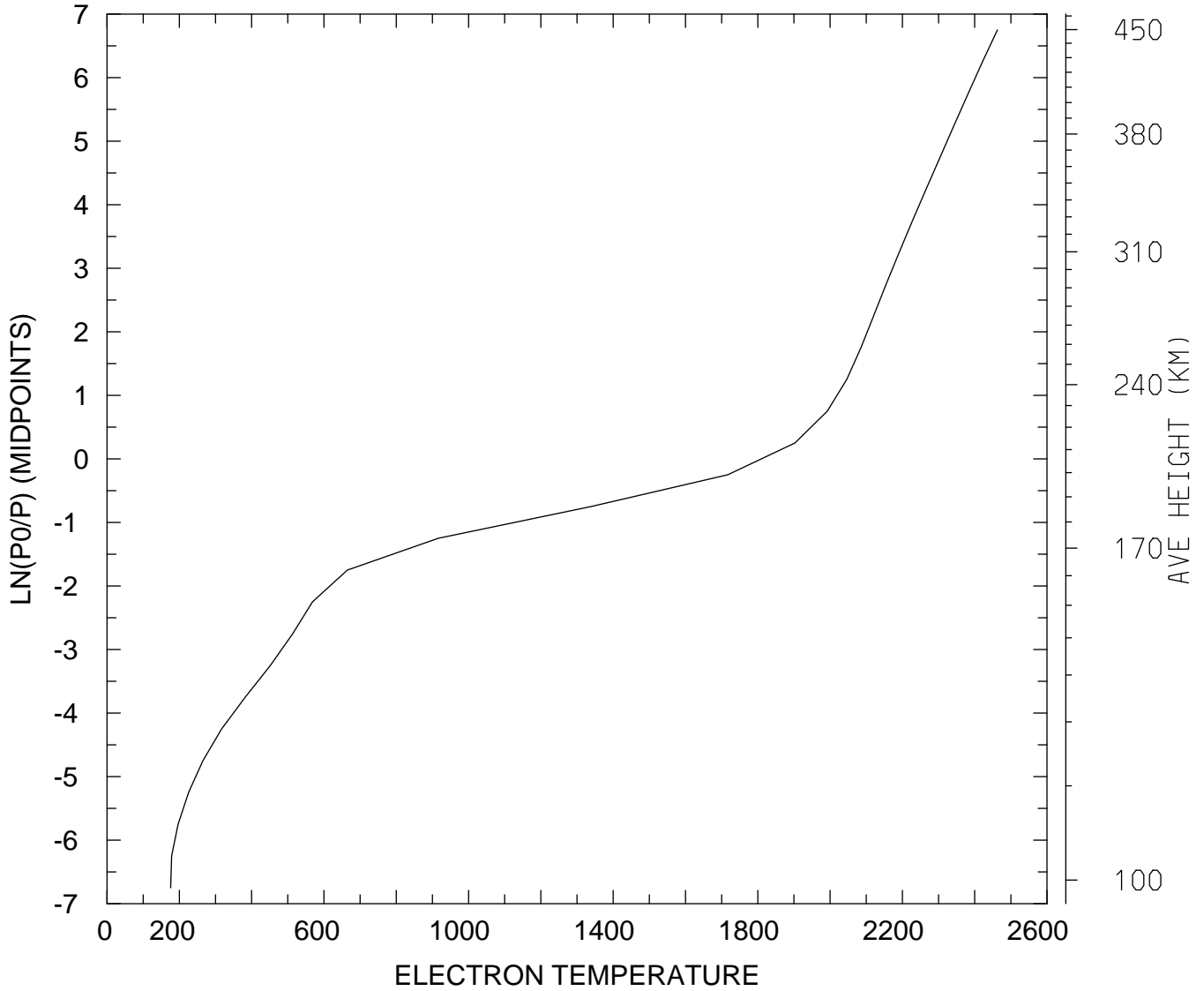
MIN,MAX= 1.6487E+02 3.2503E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



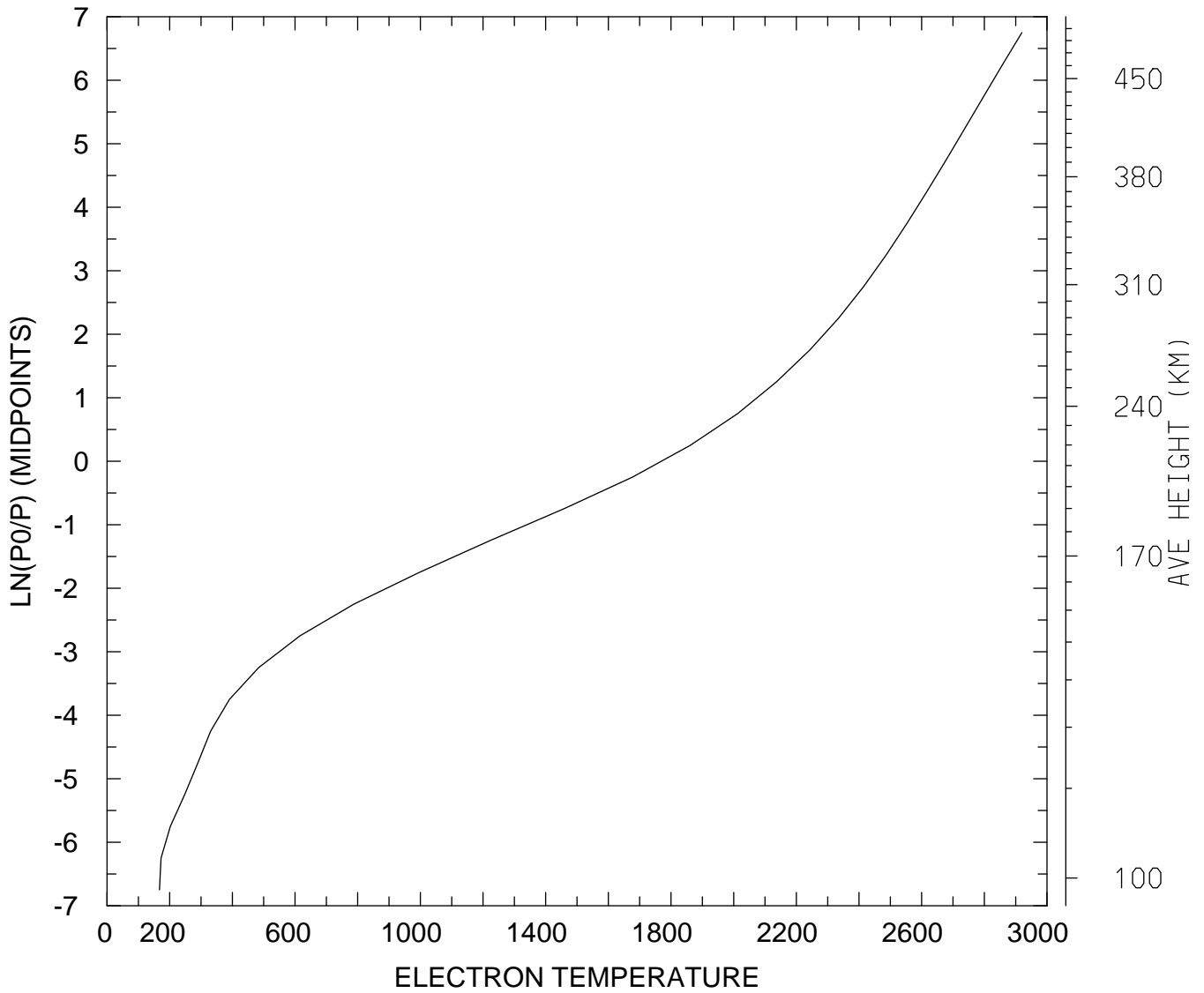
MIN,MAX= 1.6492E+02 2.8910E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



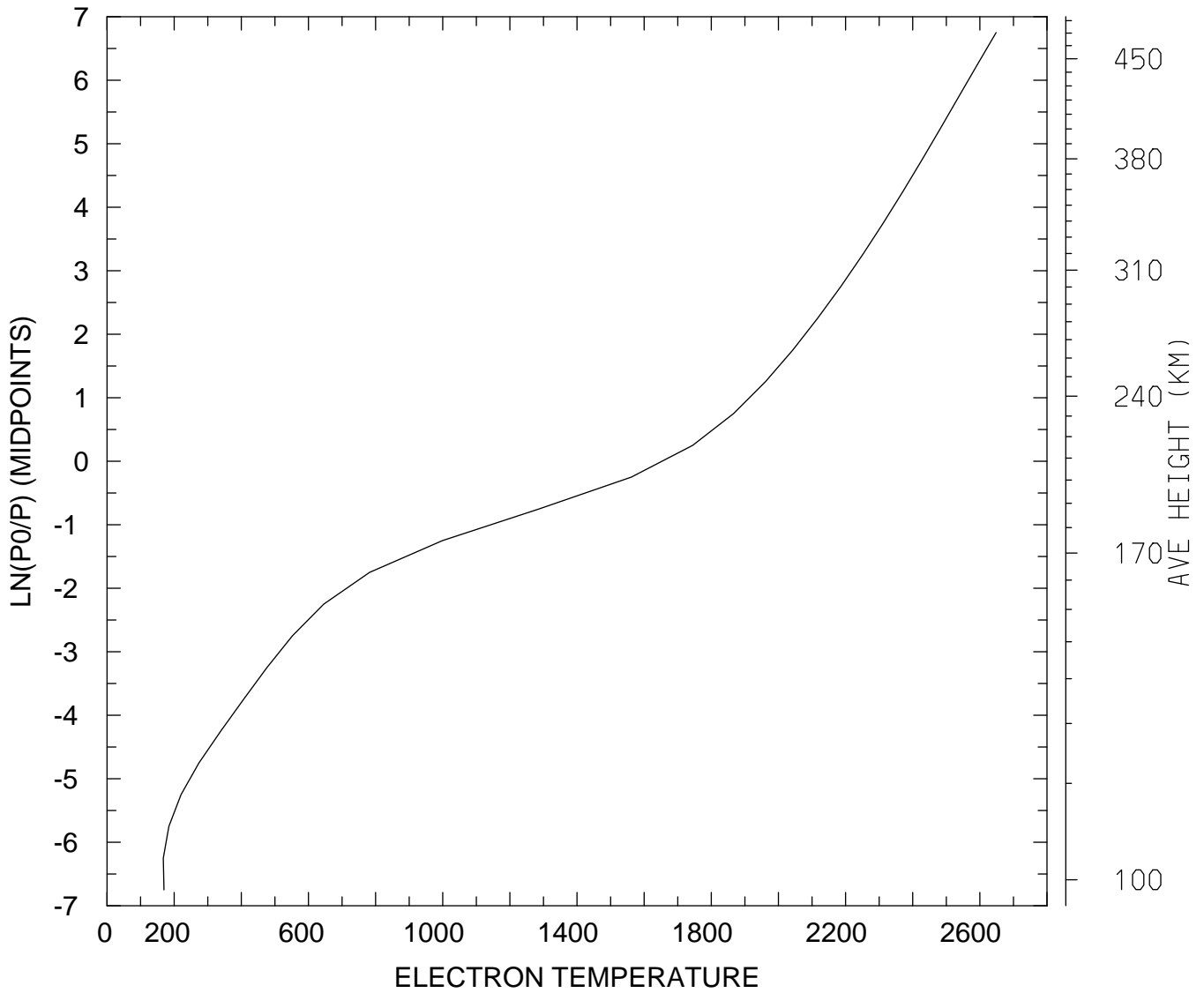
MIN,MAX= 1.7591E+02 2.4627E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



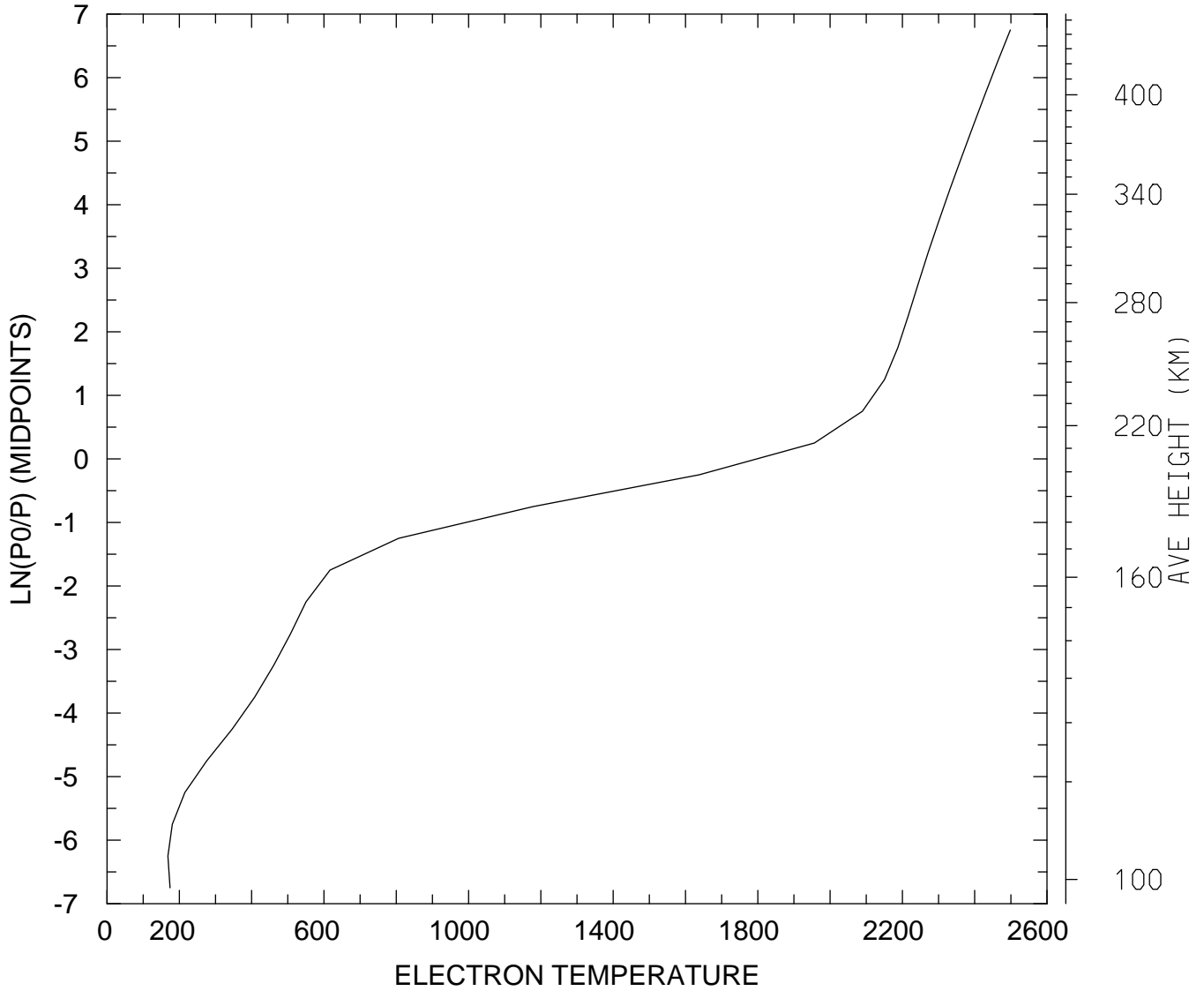
MIN,MAX= 1.6735E+02 2.9199E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



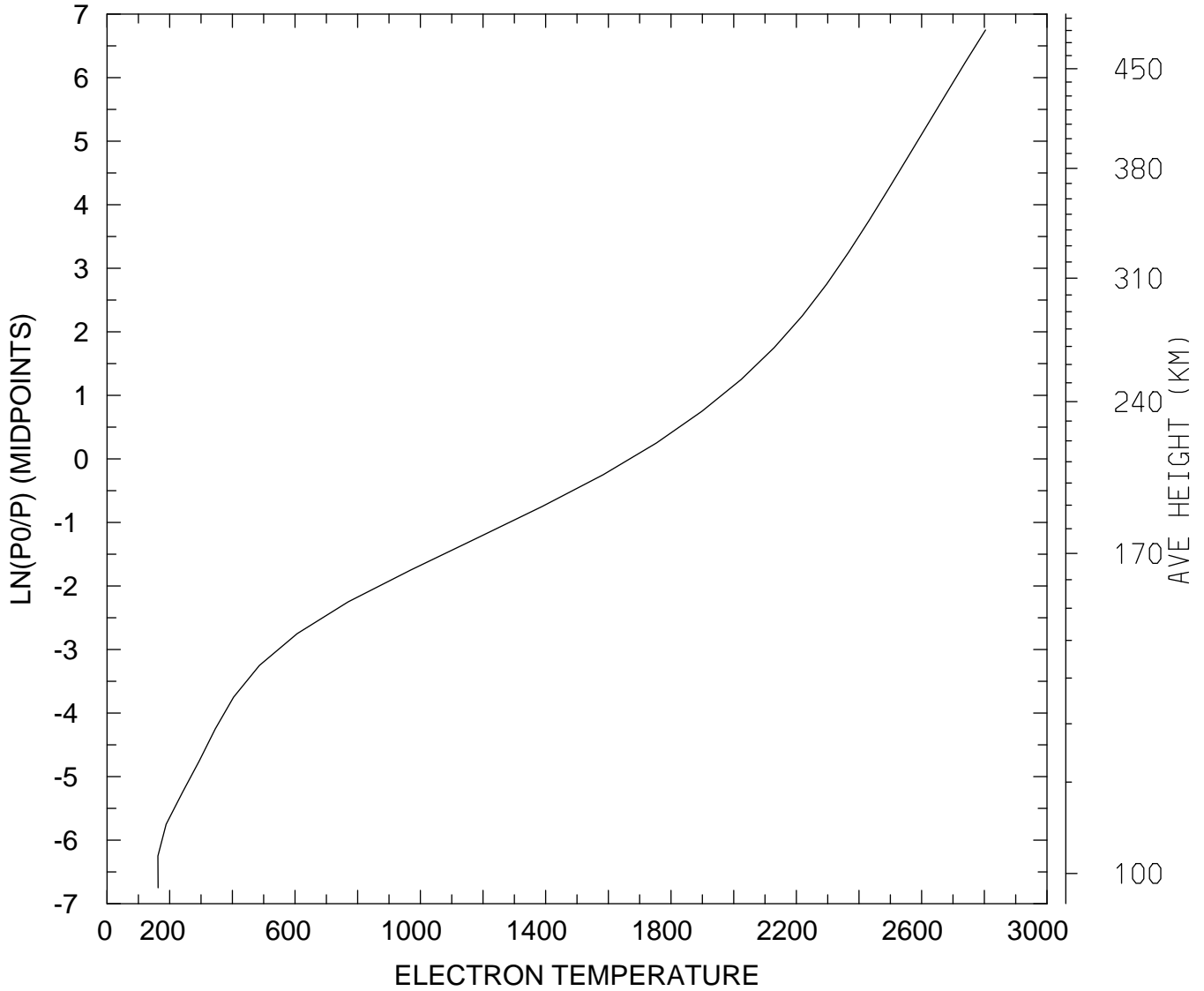
MIN,MAX= 1.6756E+02 2.6484E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



MIN,MAX= 1.6834E+02 2.4984E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

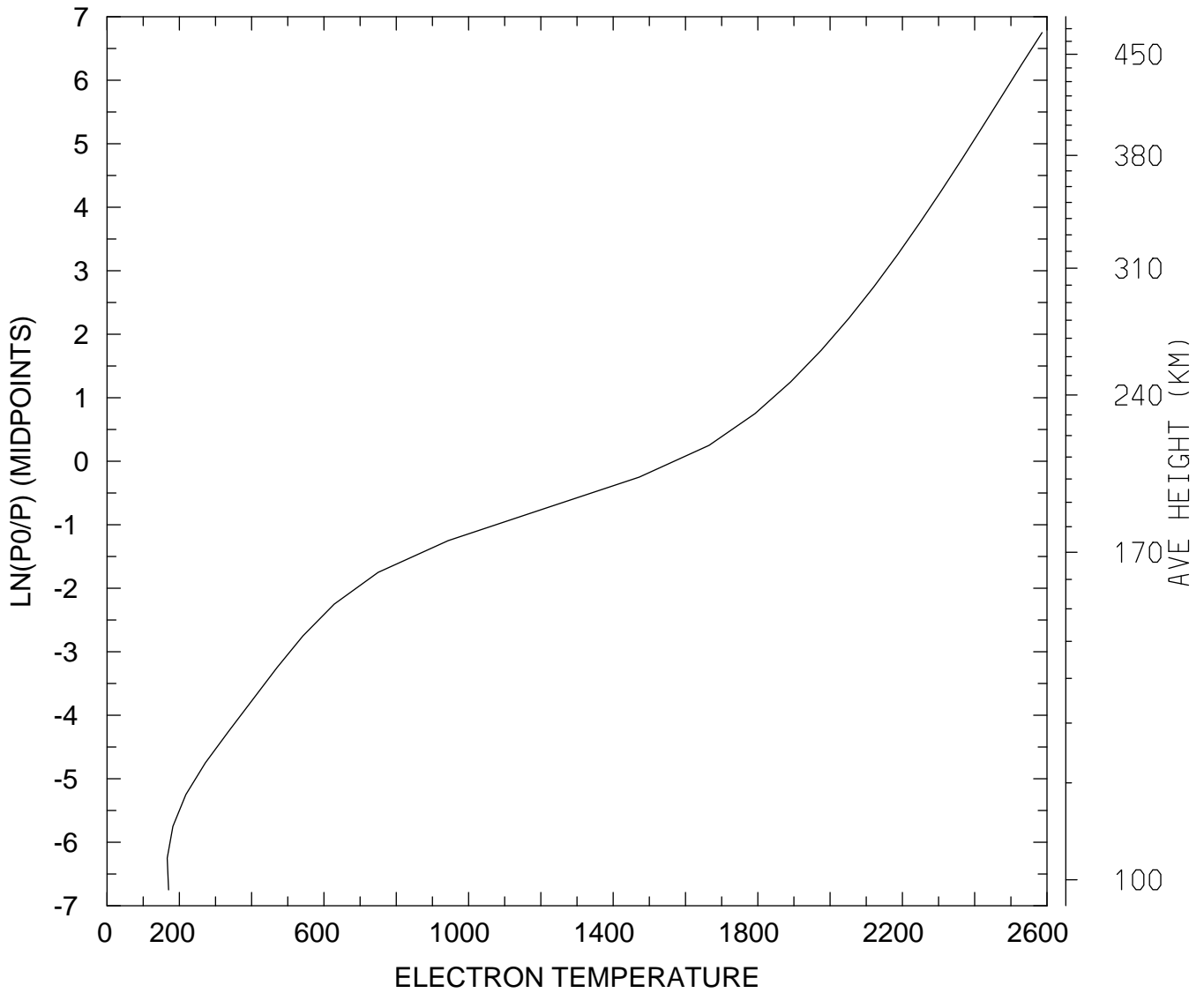
ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



MIN,MAX= 1.6250E+02 2.8037E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

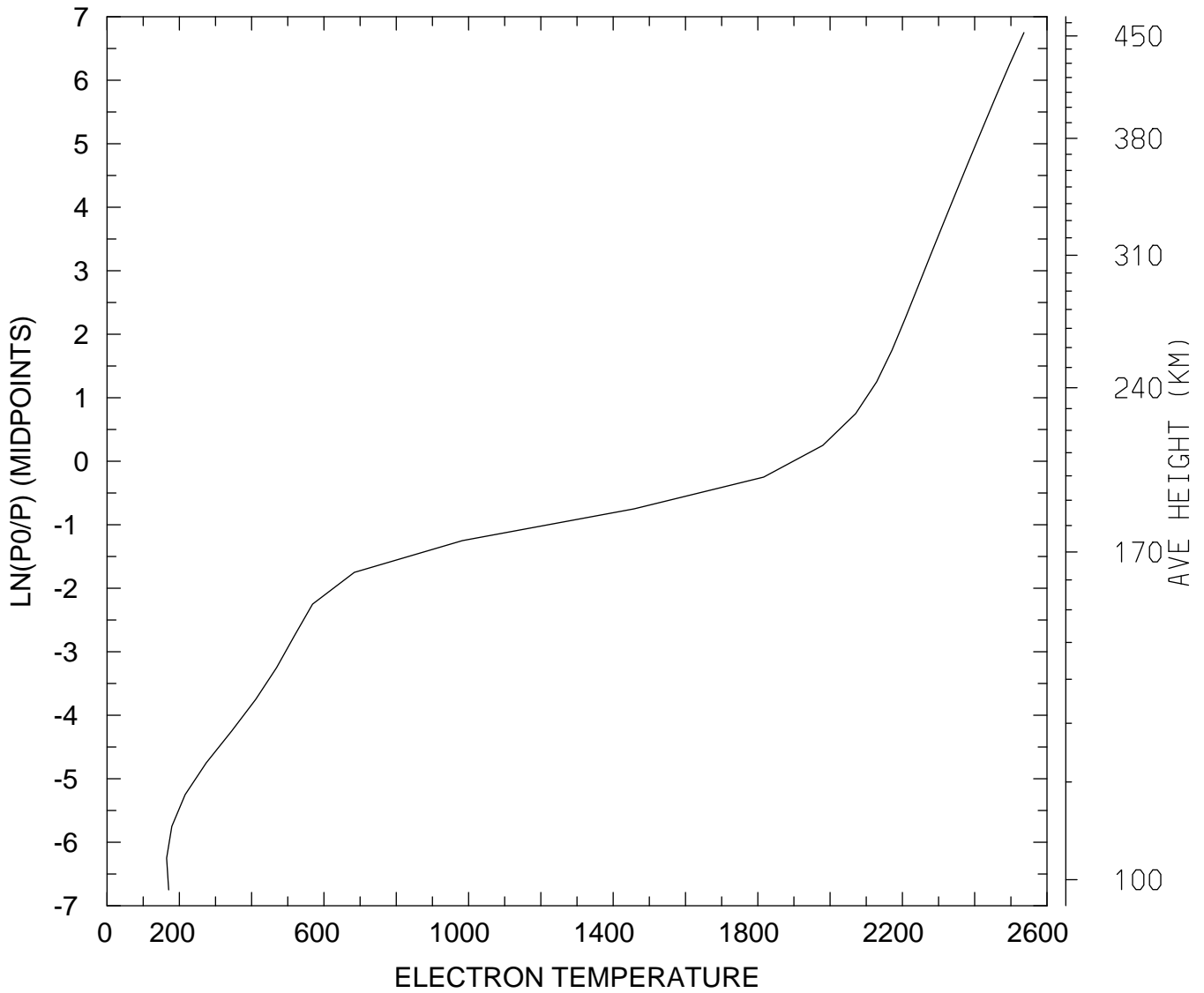


ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



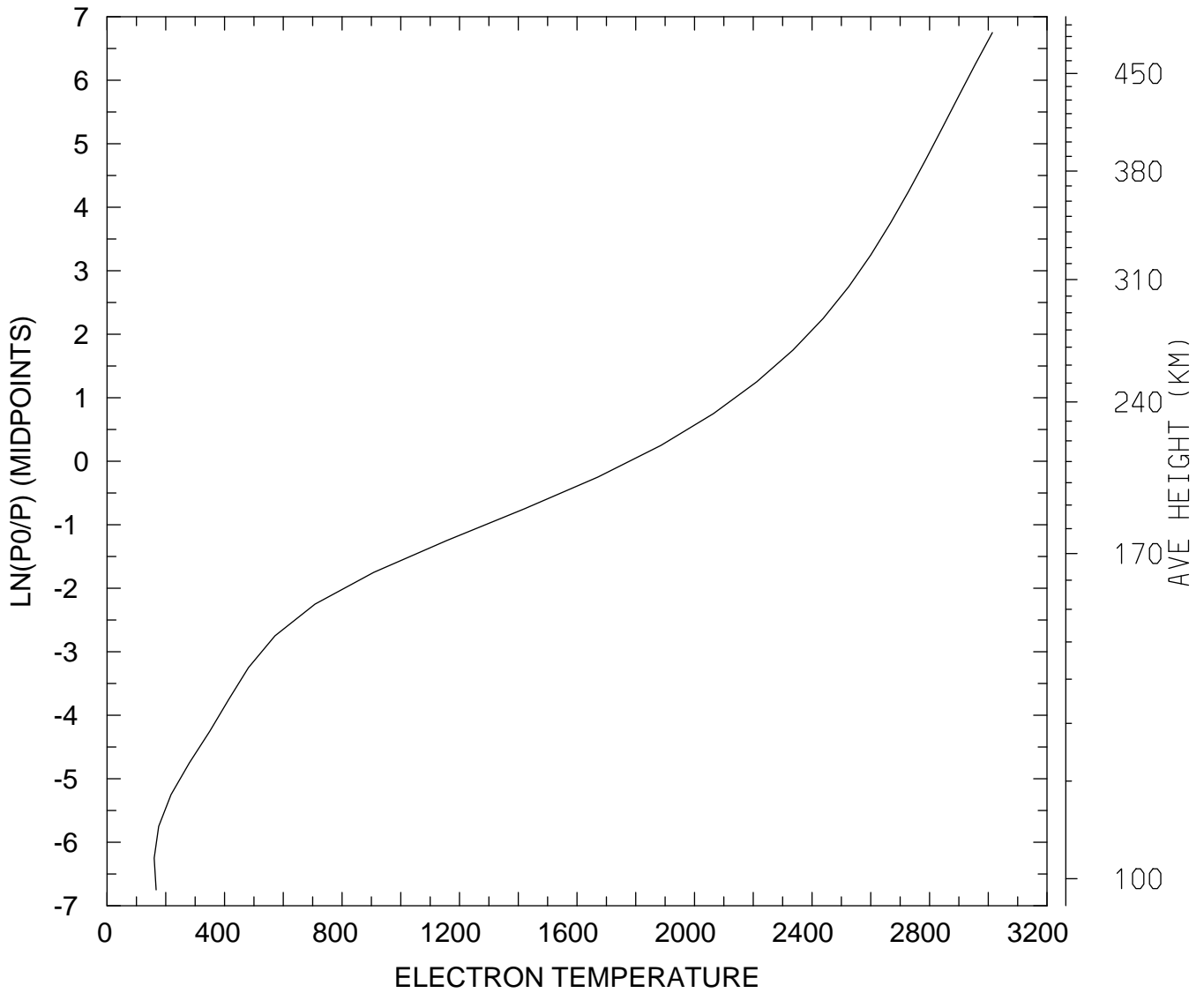
MIN,MAX= 1.6657E+02 2.5864E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



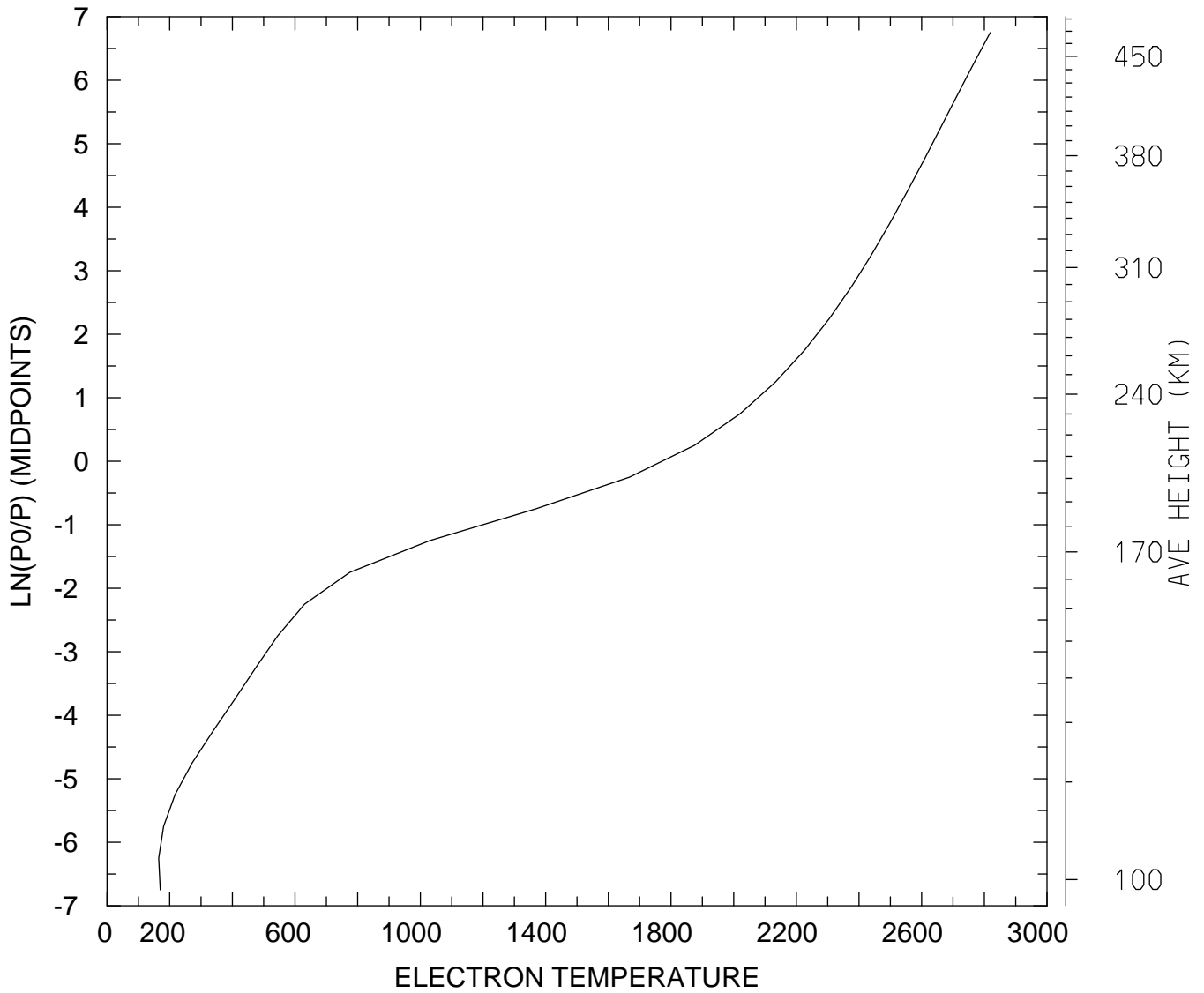
MIN,MAX= 1.6482E+02 2.5362E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



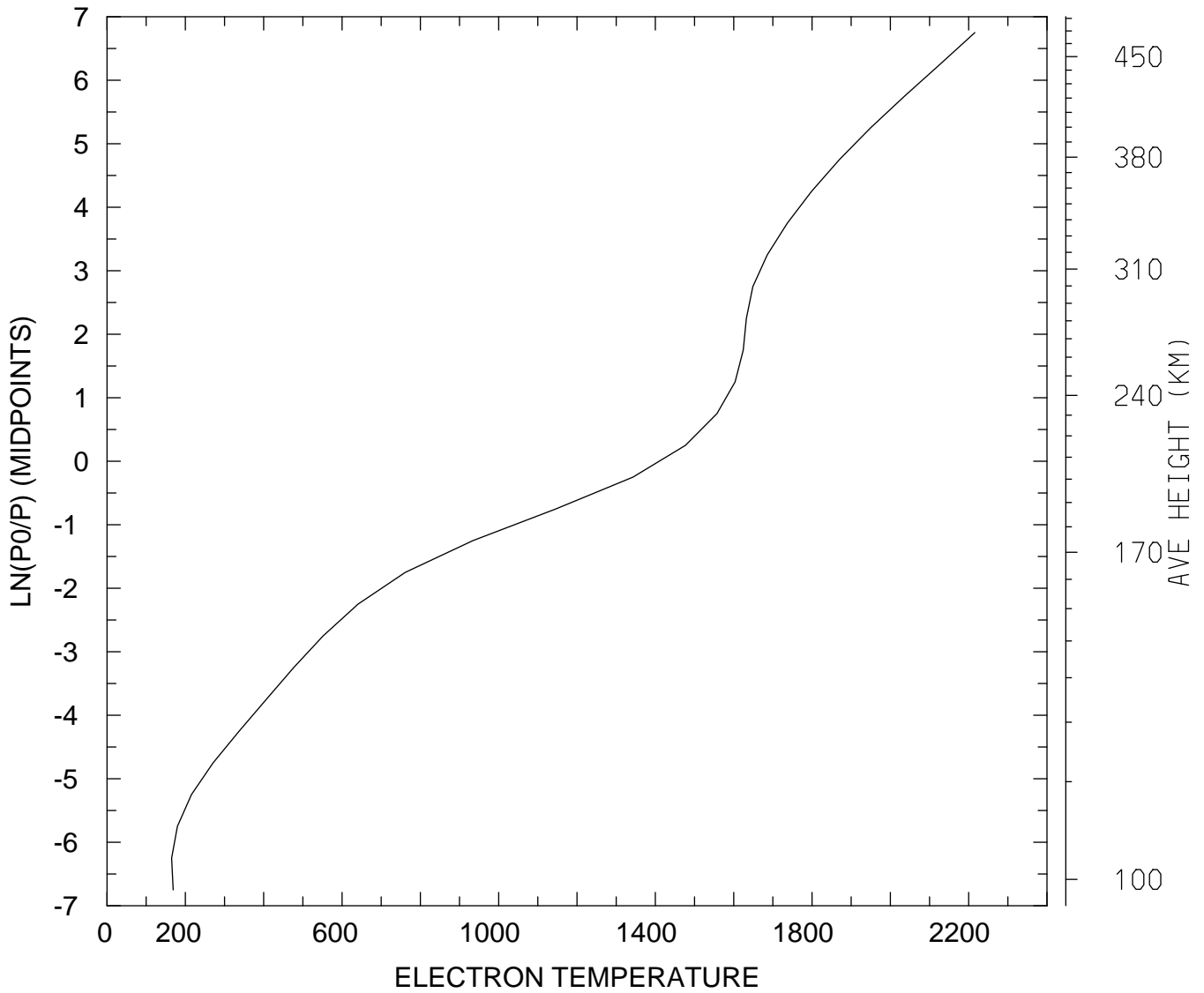
MIN,MAX= 1.6068E+02 3.0140E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



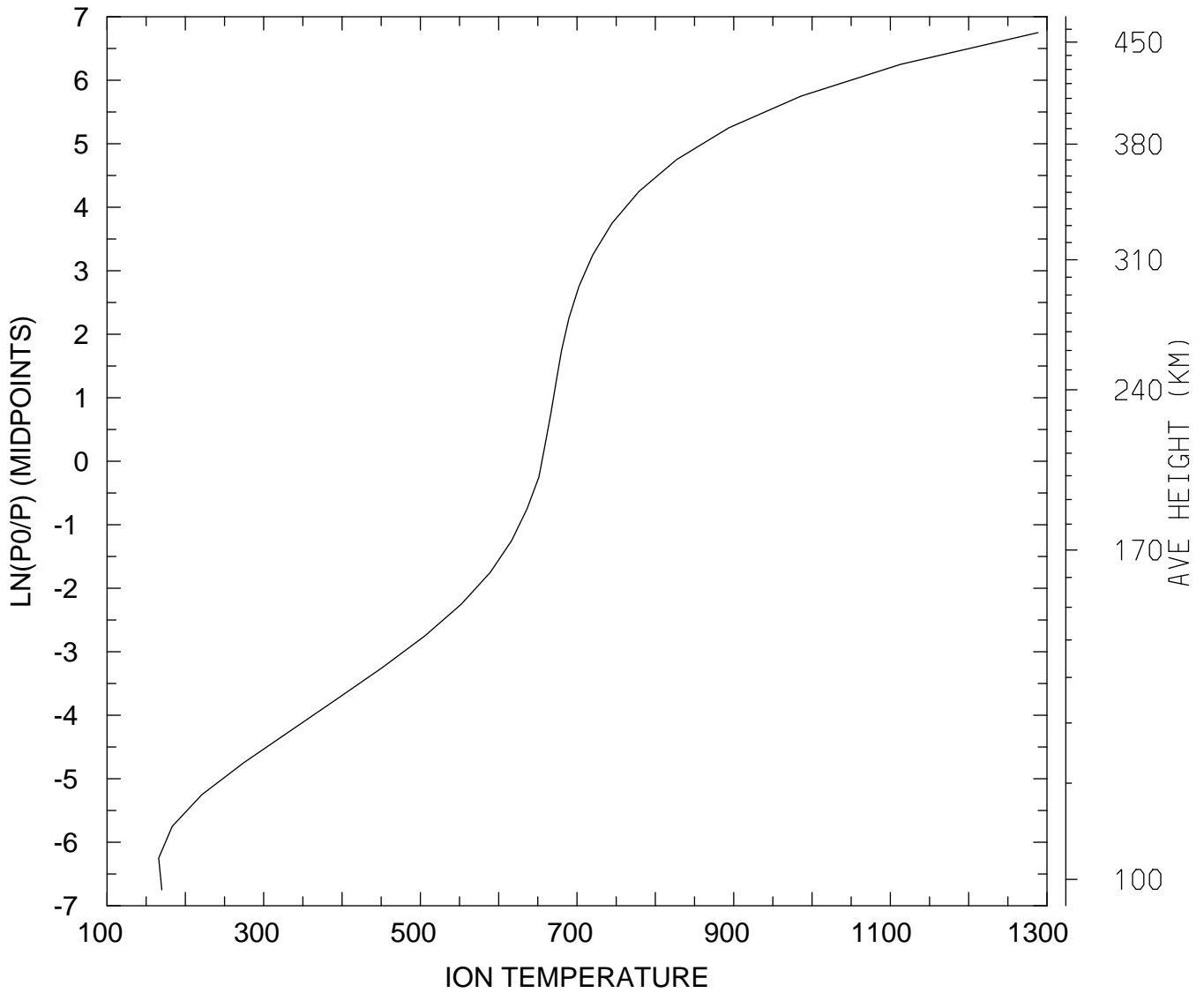
MIN,MAX= 1.6493E+02 2.8187E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 GLOBAL MEANS



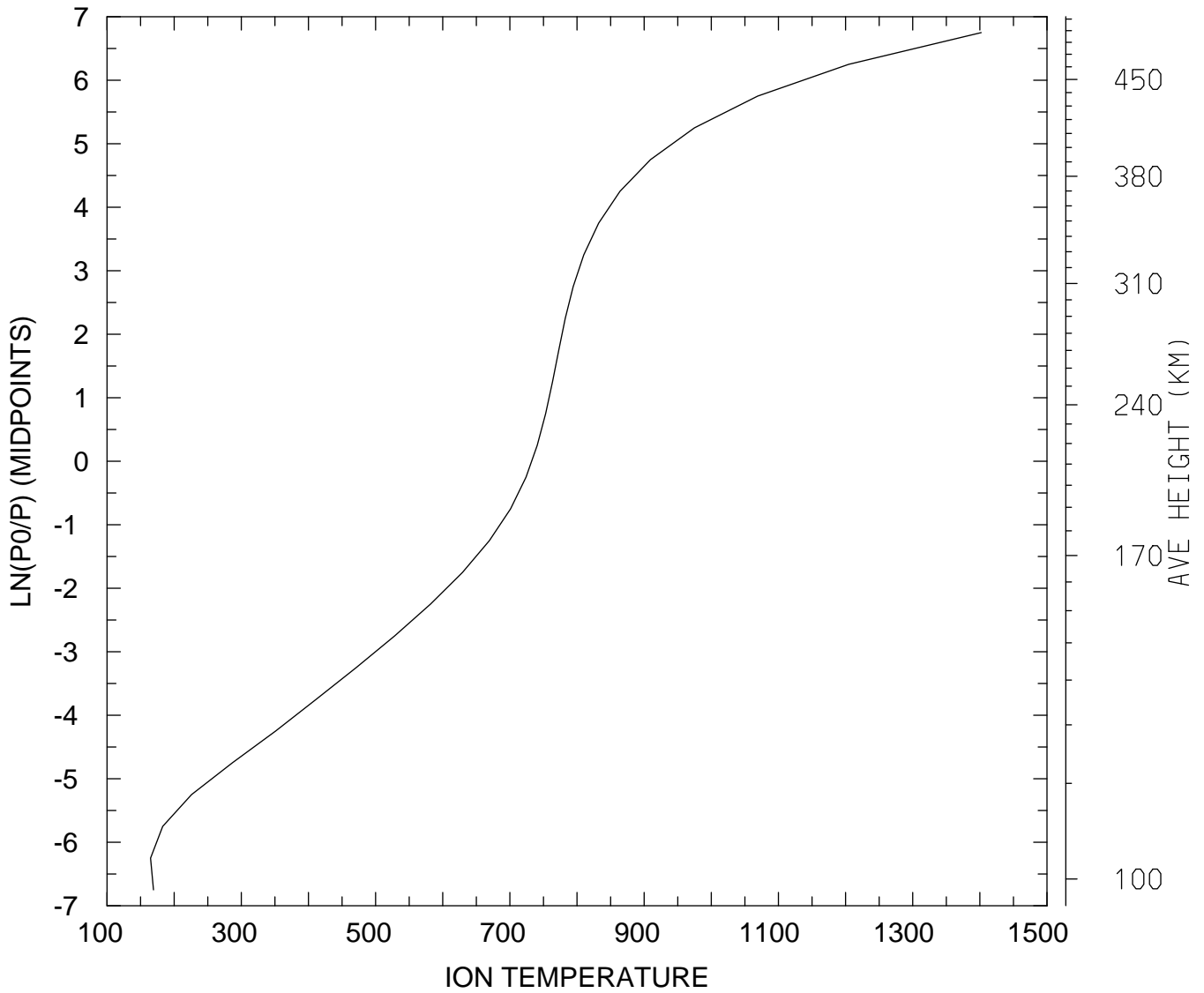
MIN,MAX= 1.6493E+02 2.2158E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



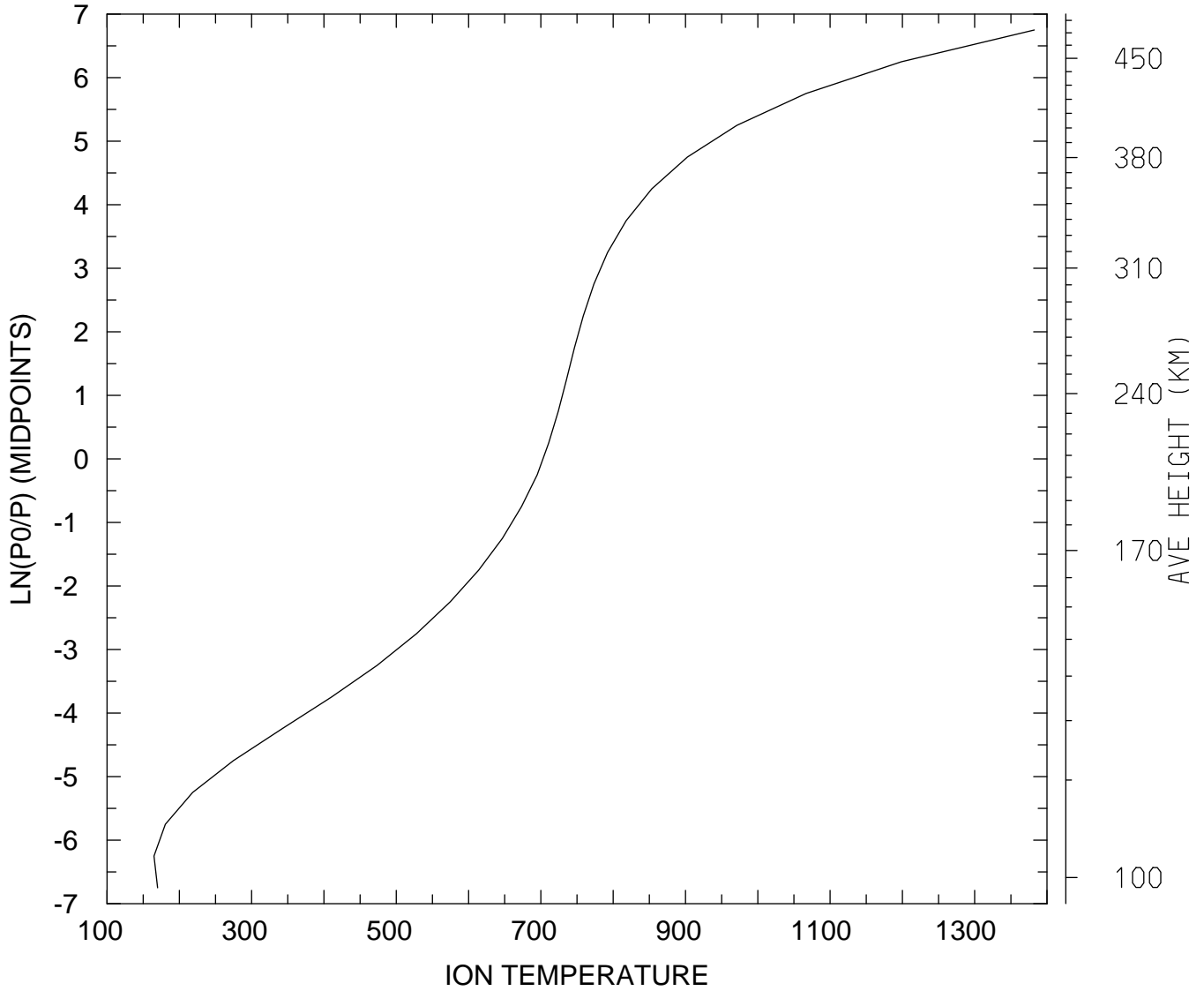
MIN,MAX= 1.6600E+02 1.2886E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



MIN,MAX= 1.6487E+02 1.4021E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

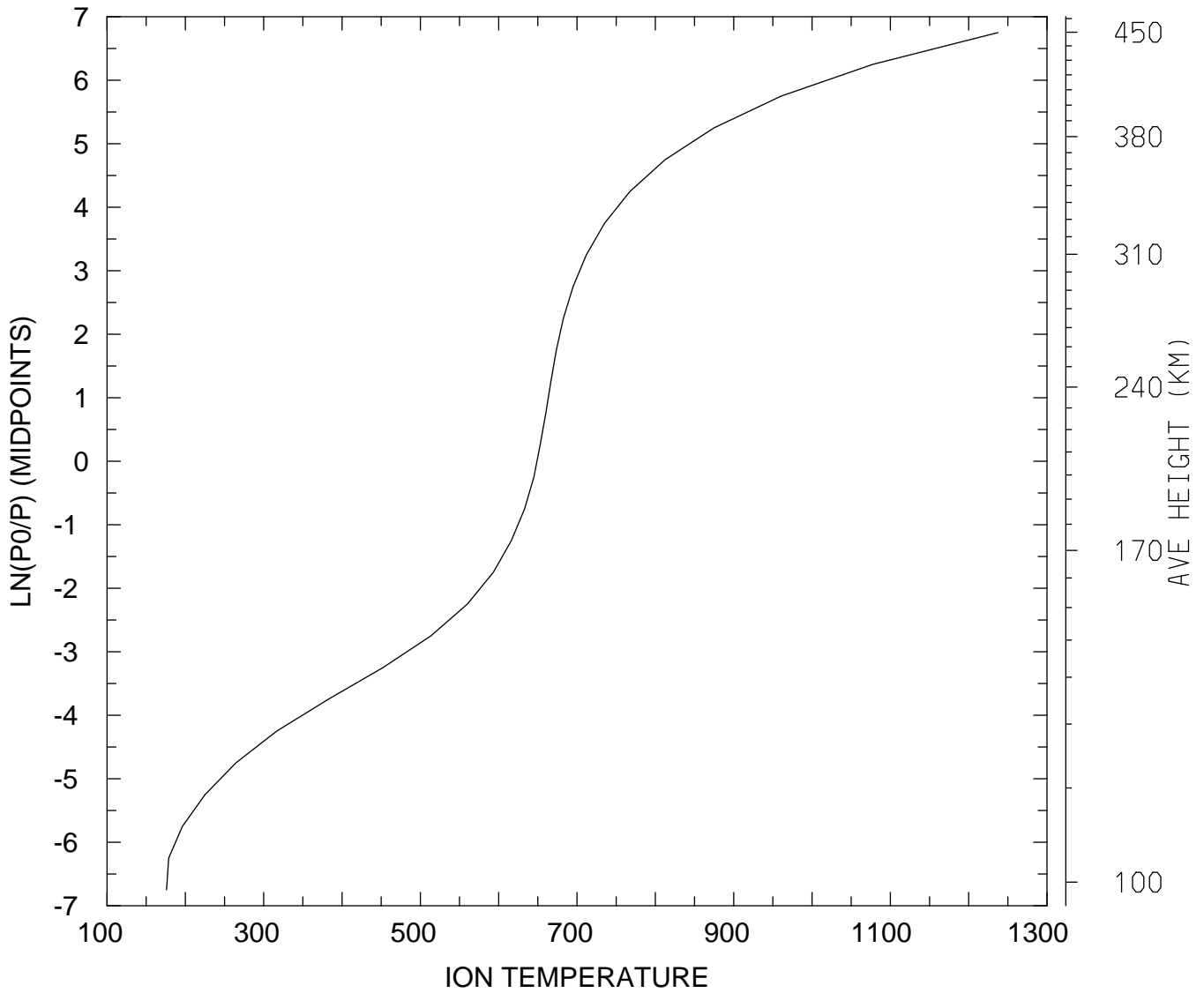
ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



MIN,MAX= 1.6492E+02 1.3825E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

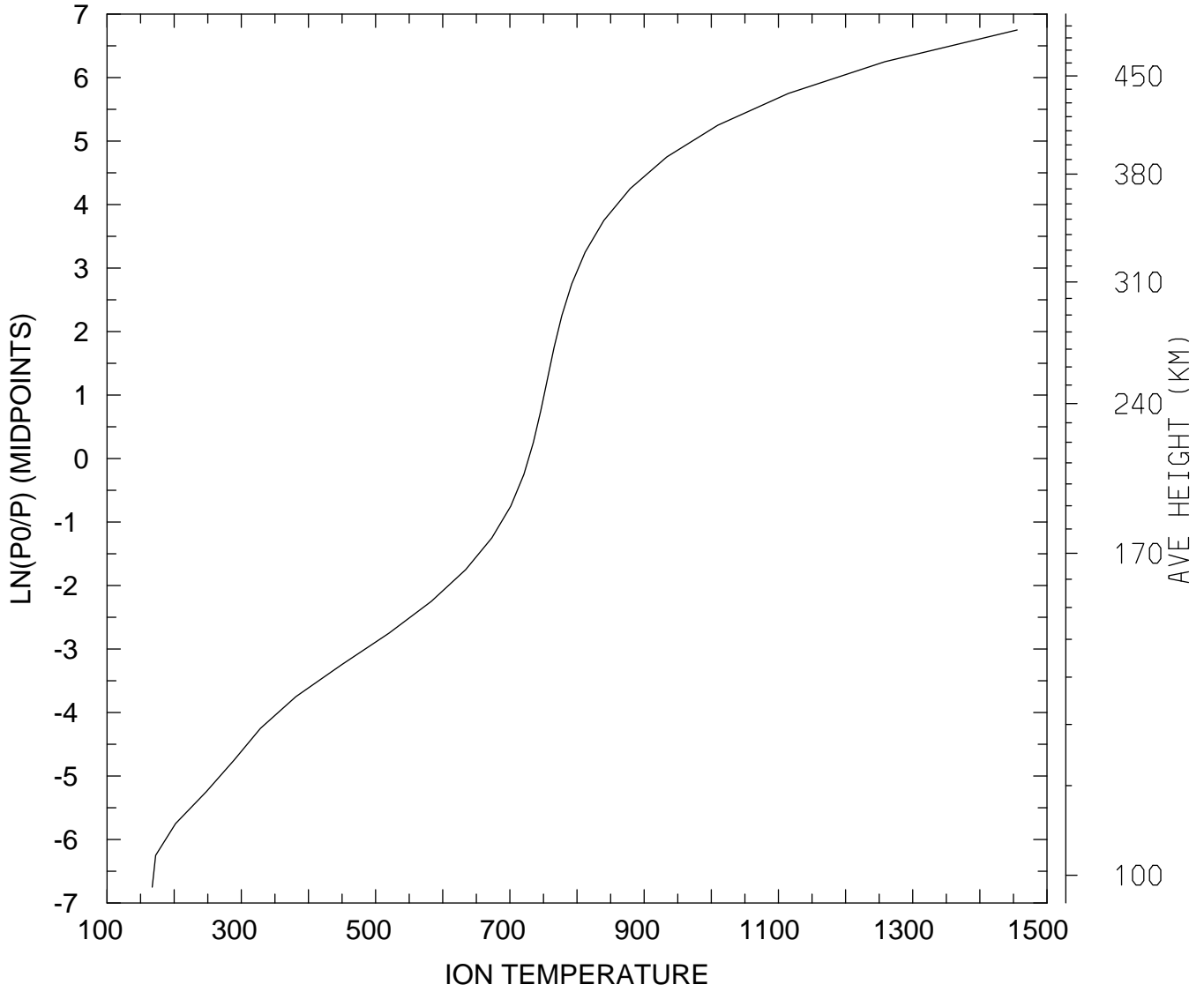


ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



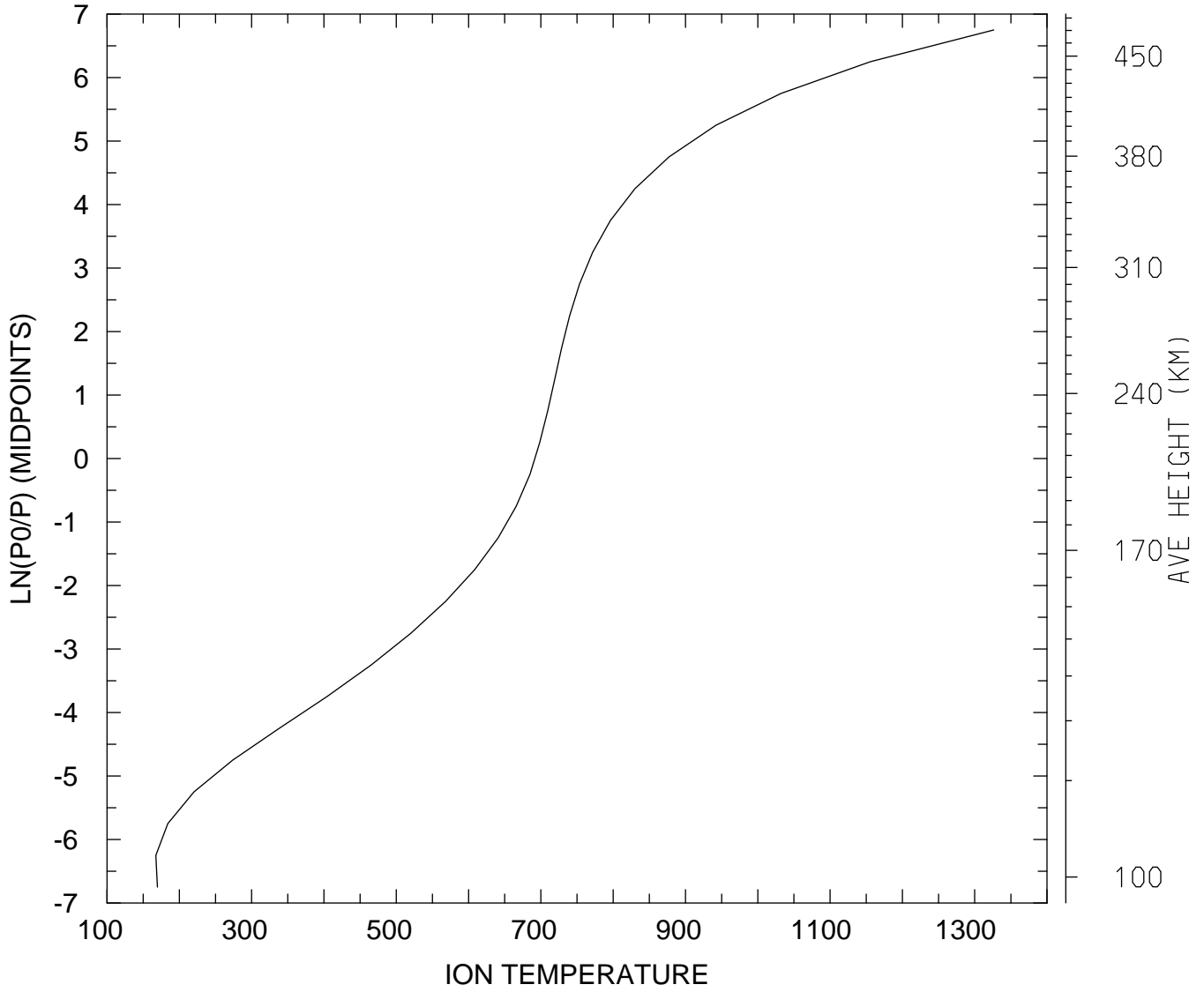
MIN,MAX= 1.7591E+02 1.2373E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



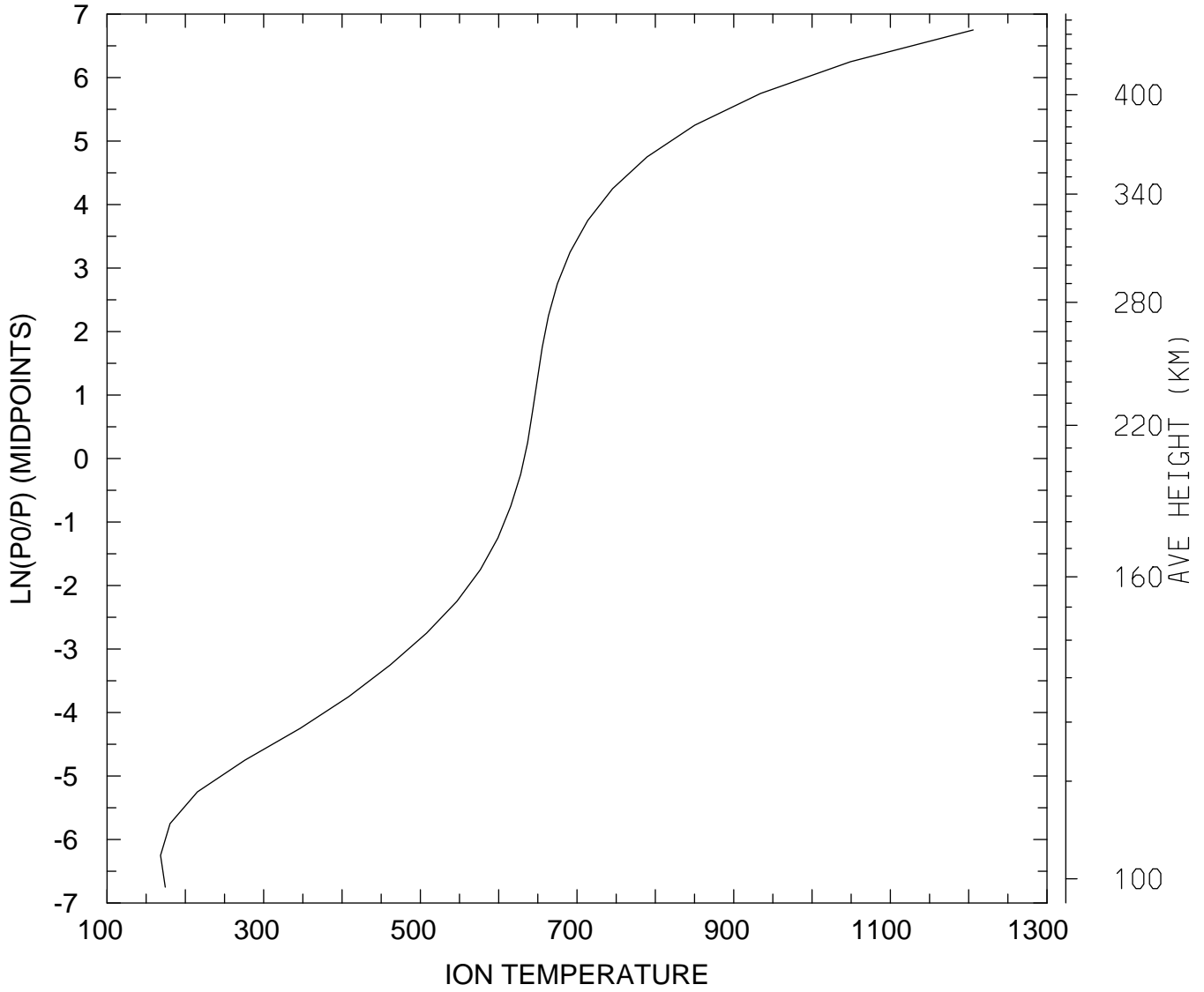
MIN,MAX= 1.6735E+02 1.4555E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



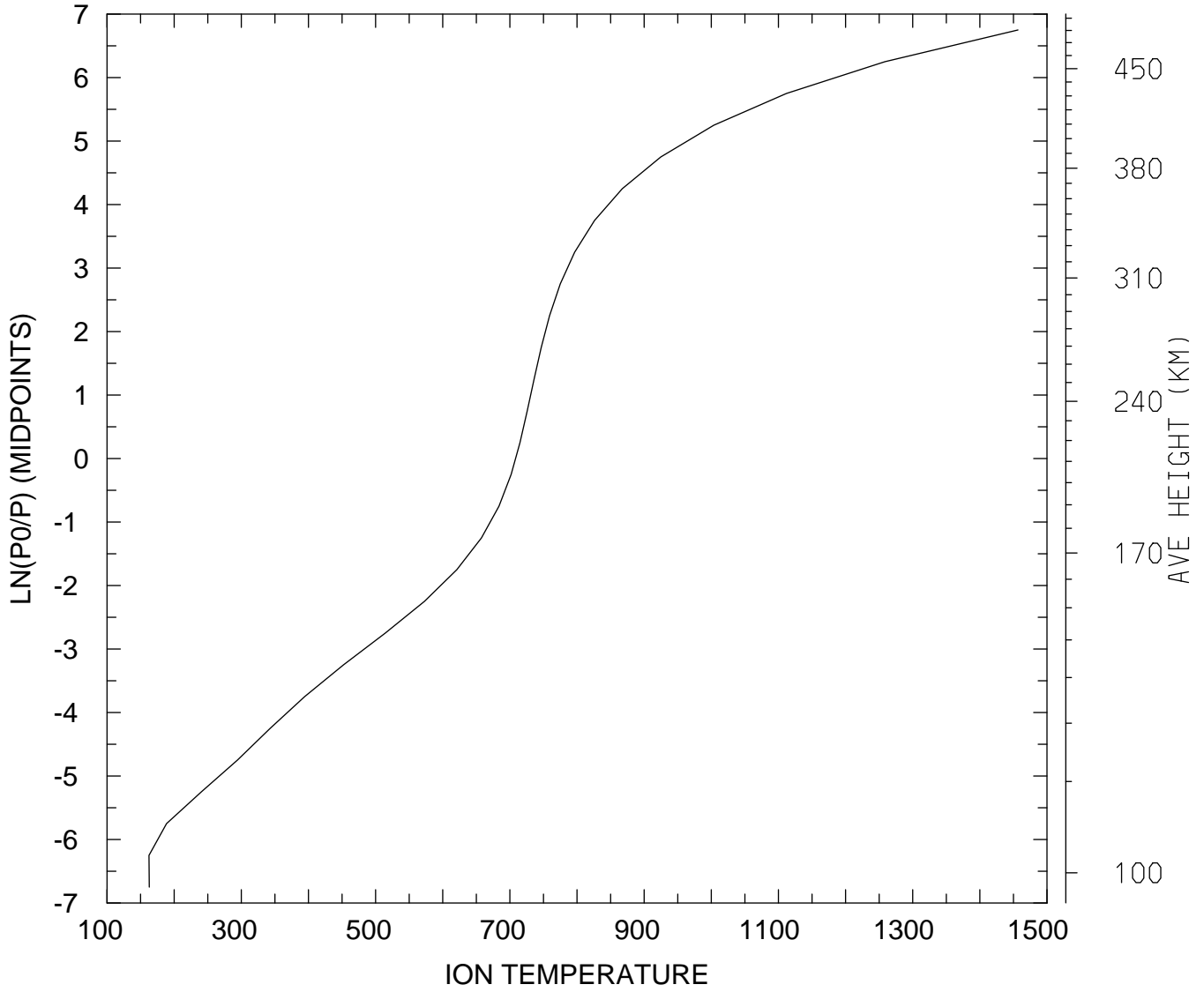
MIN,MAX= 1.6751E+02 1.3263E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



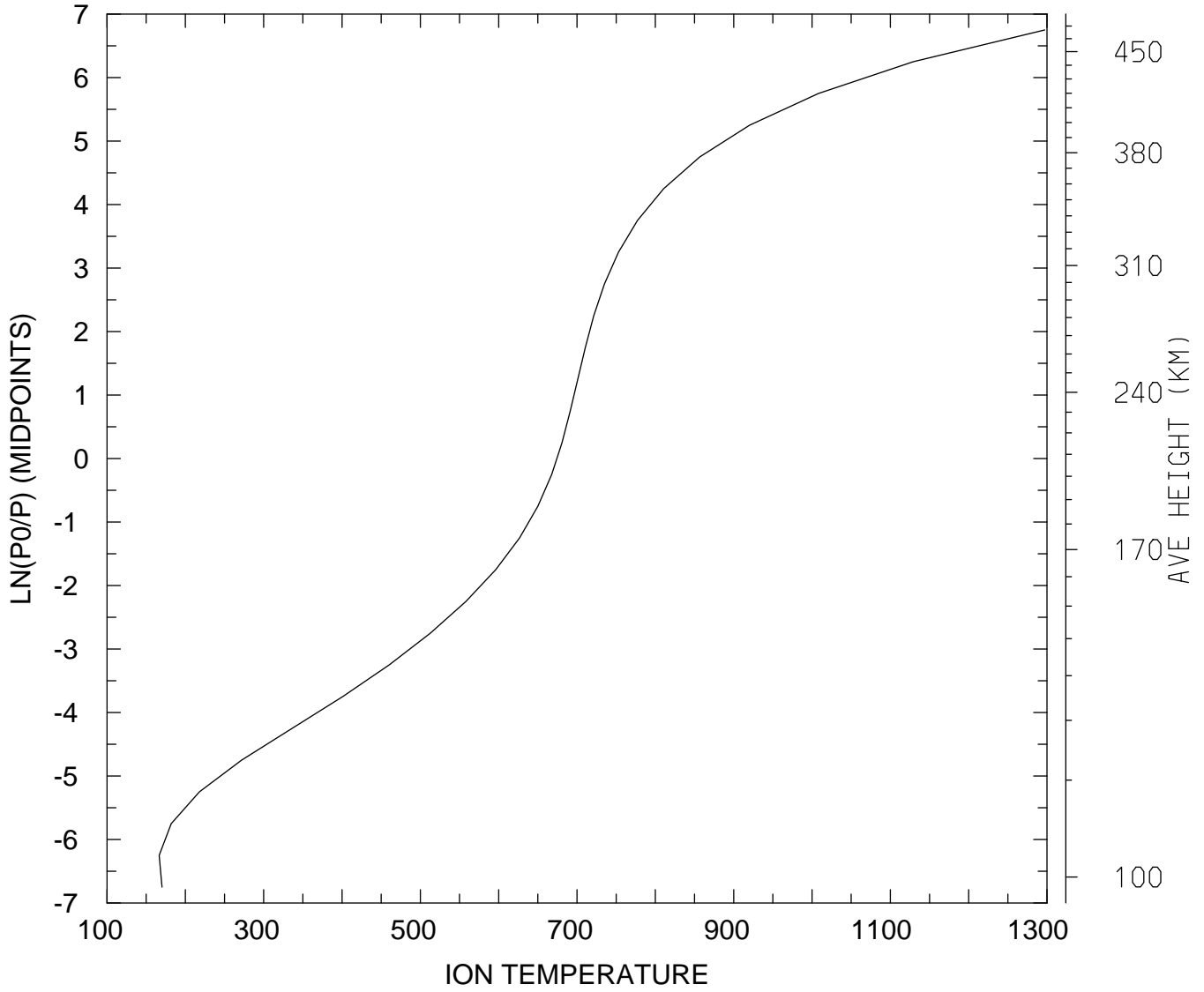
MIN,MAX= 1.6832E+02 1.2057E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



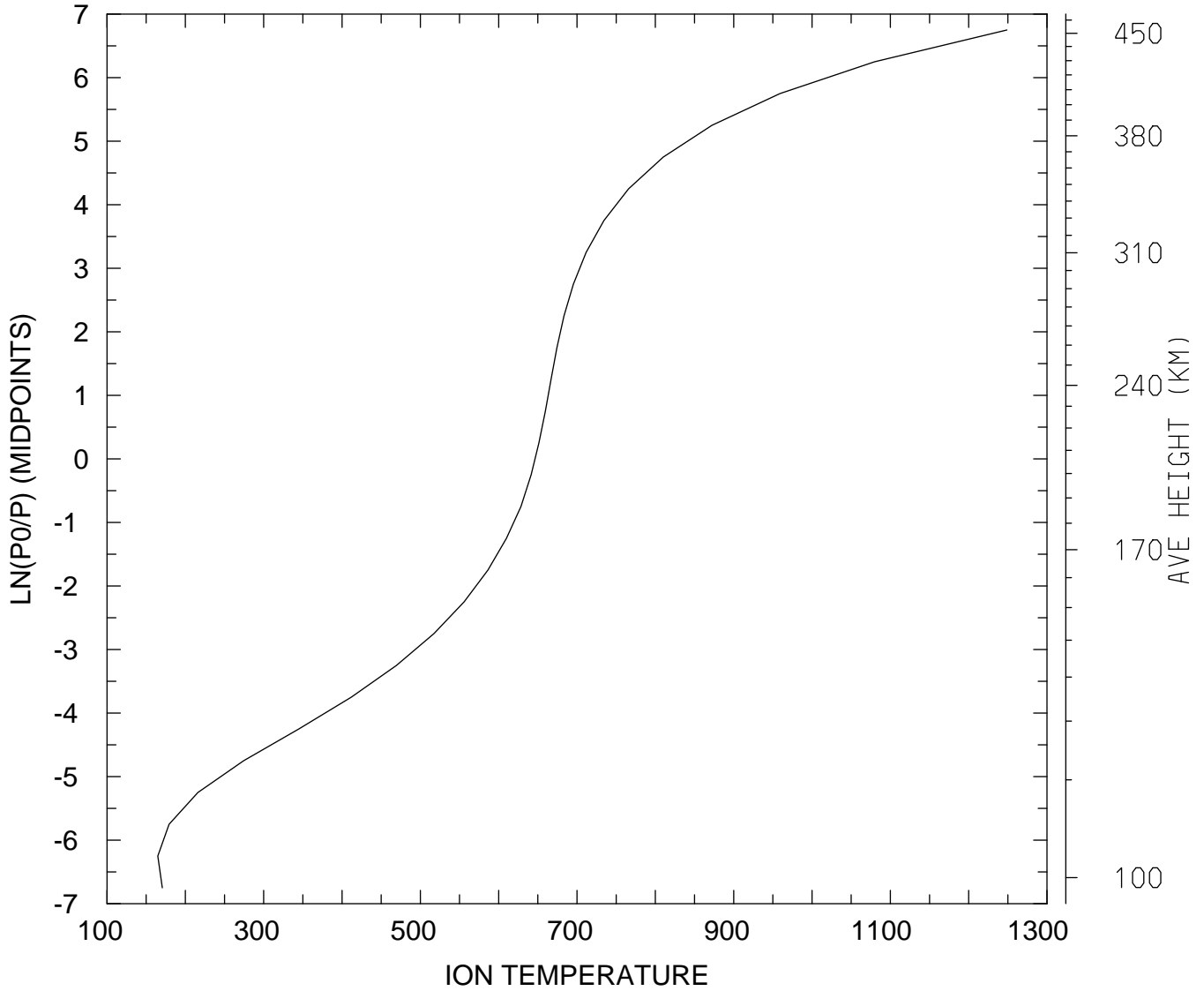
MIN,MAX= 1.6251E+02 1.4568E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



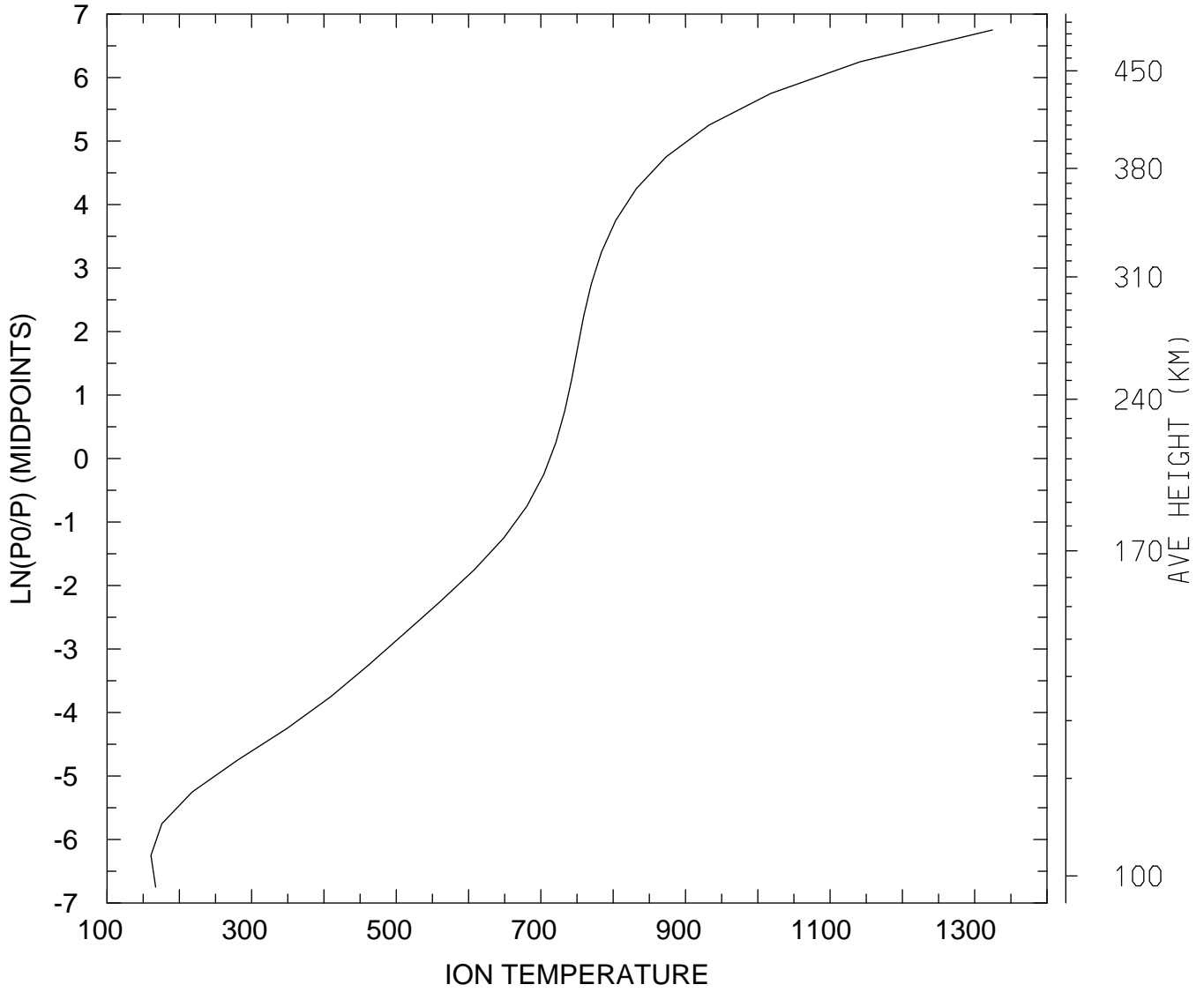
MIN,MAX= 1.6654E+02 1.2971E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



MIN,MAX= 1.6479E+02 1.2488E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

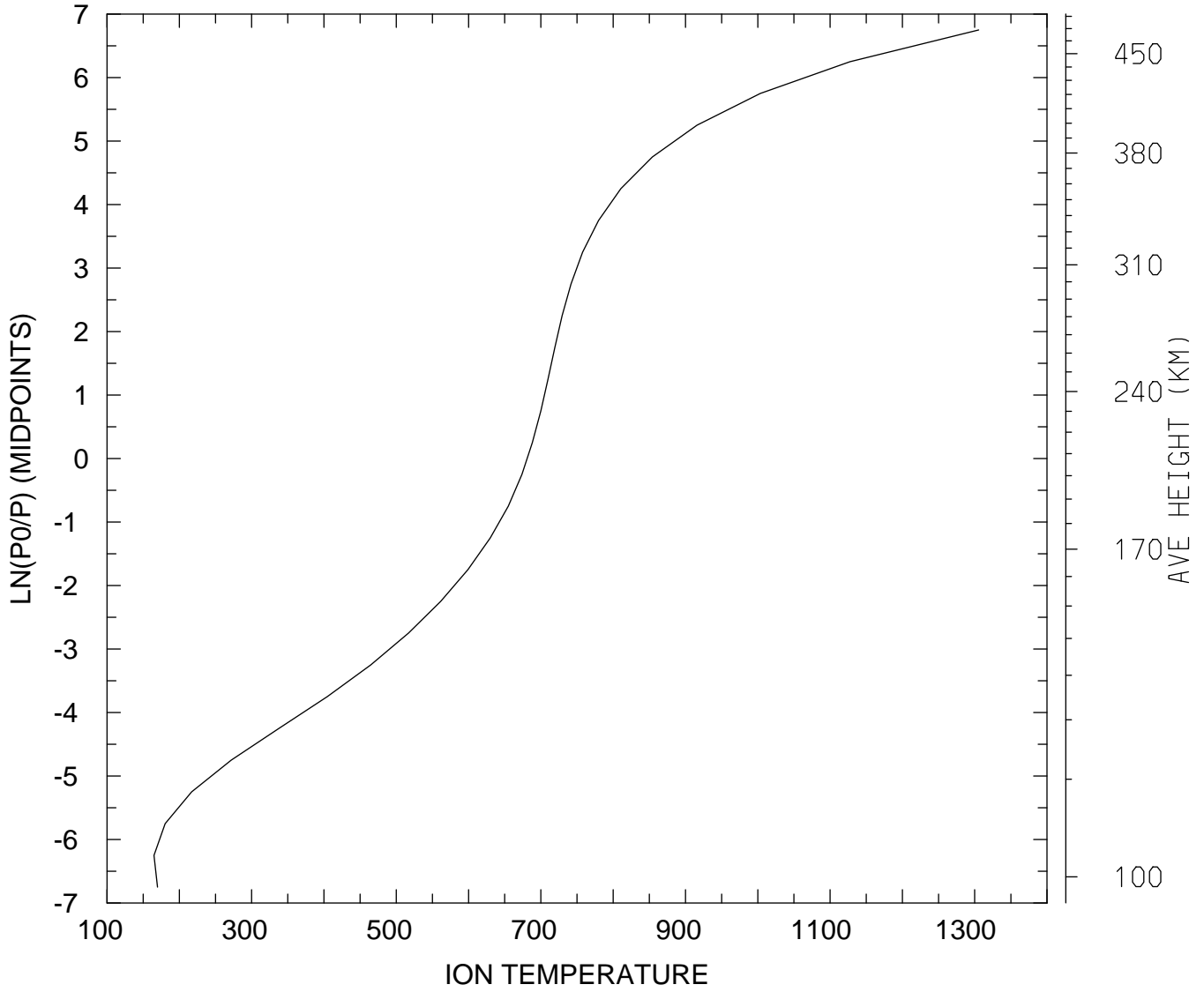
ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



MIN,MAX= 1.6069E+02 1.3244E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

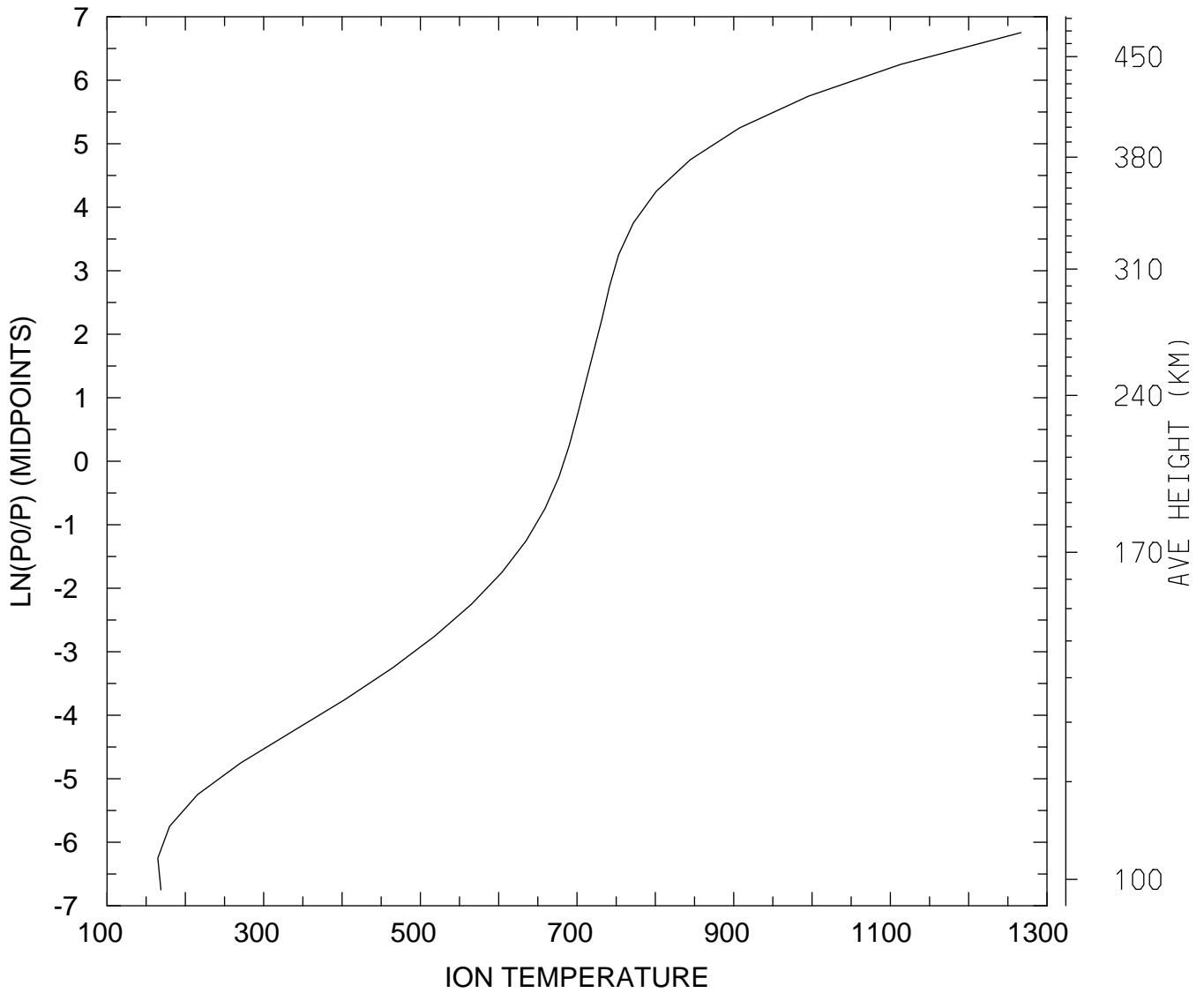


ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



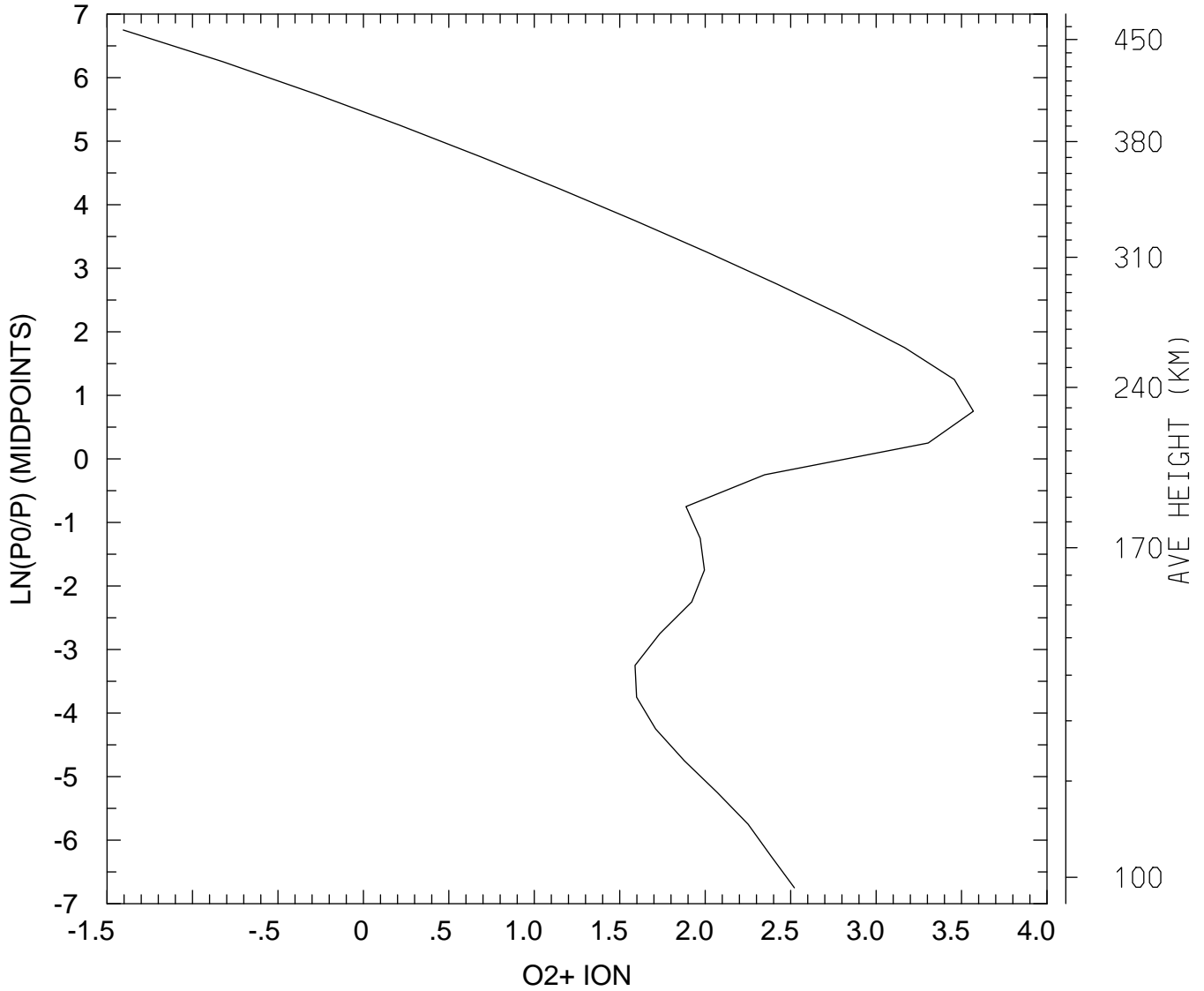
MIN,MAX= 1.6491E+02 1.3055E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
UT= 0.00 GLOBAL MEANS



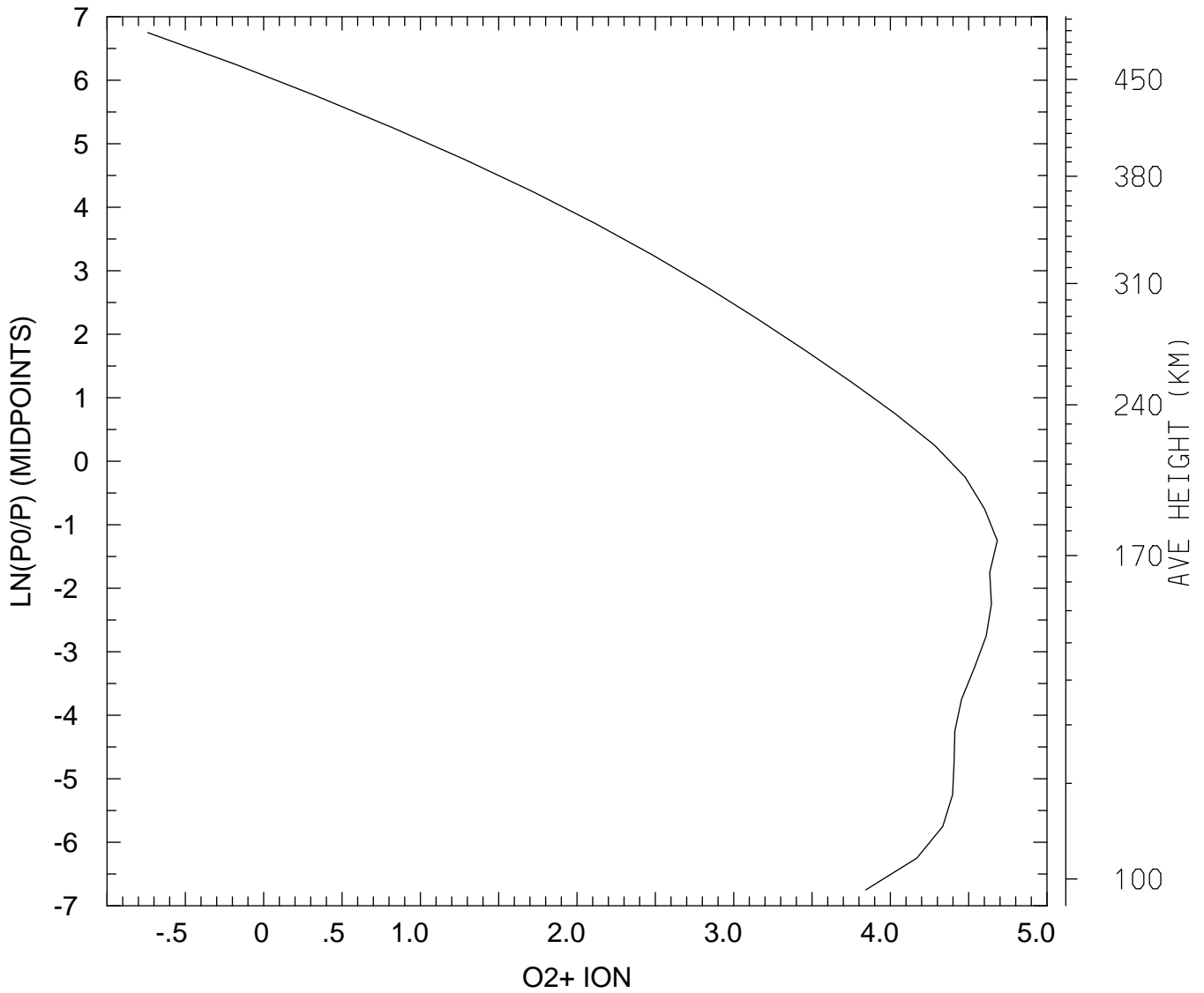
MIN,MAX= 1.6491E+02 1.2668E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



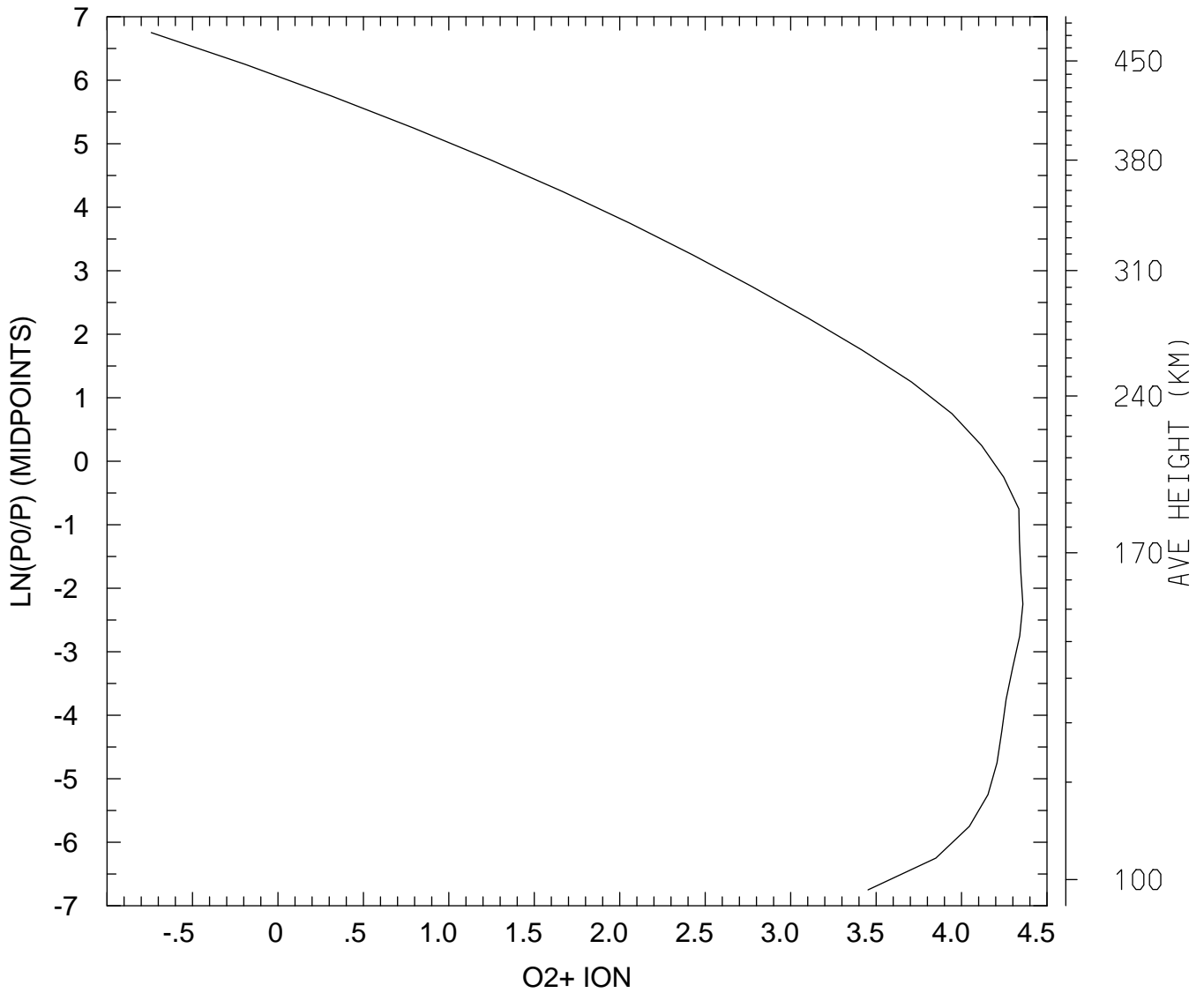
MIN,MAX= 3.9349E-02 3.7087E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



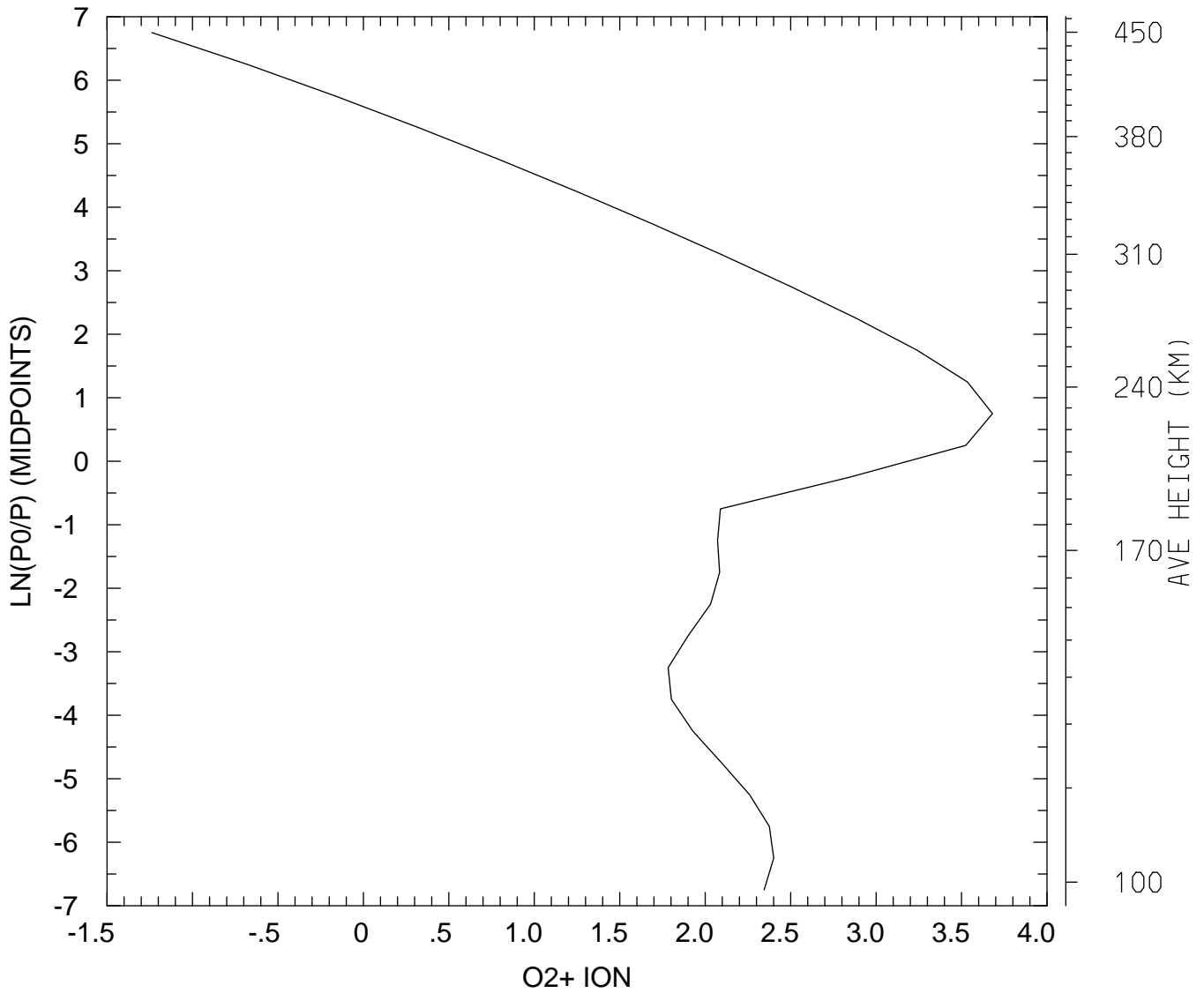
MIN,MAX= 1.8201E-01 4.8116E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



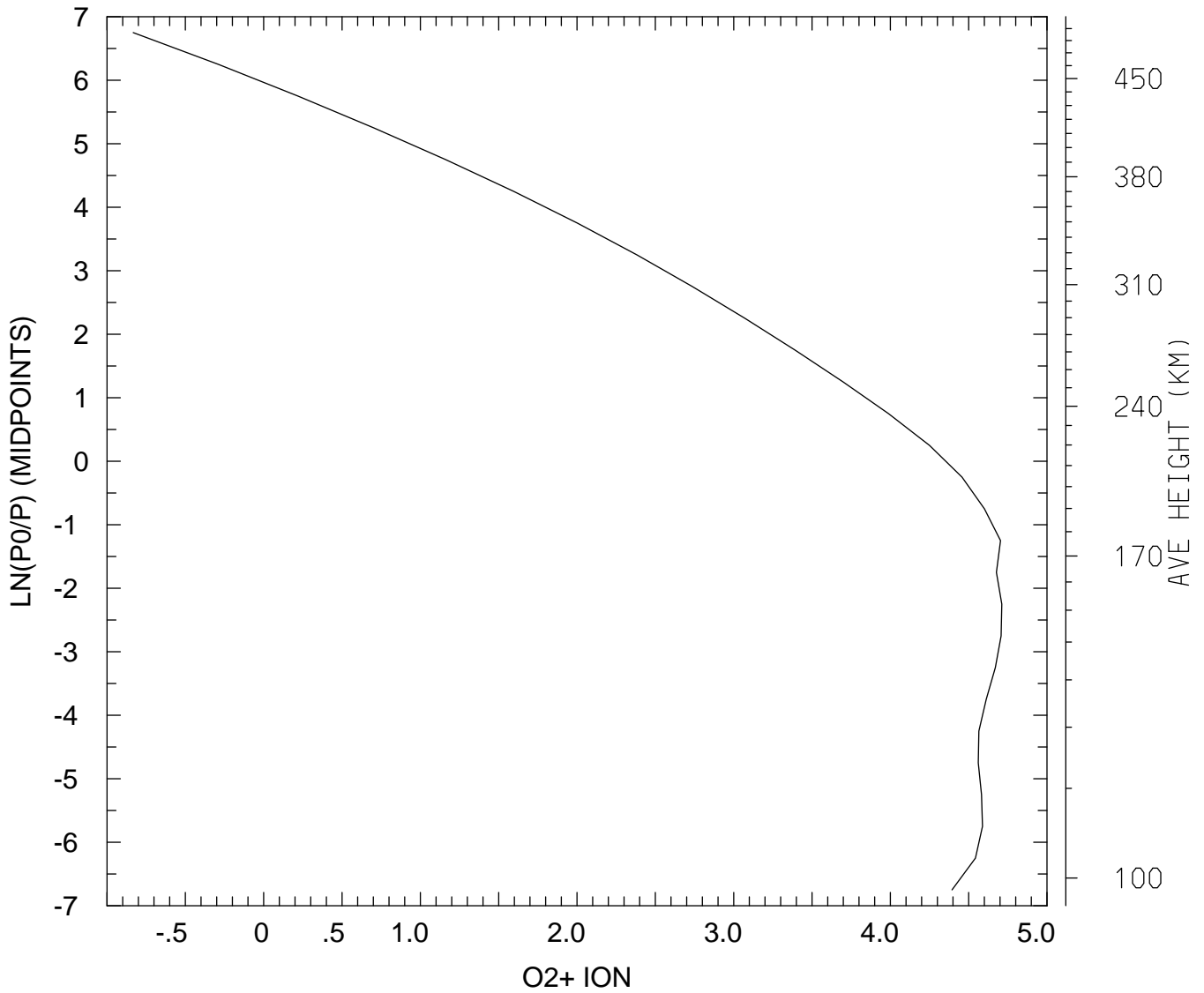
MIN,MAX= 1.8153E-01 2.2846E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



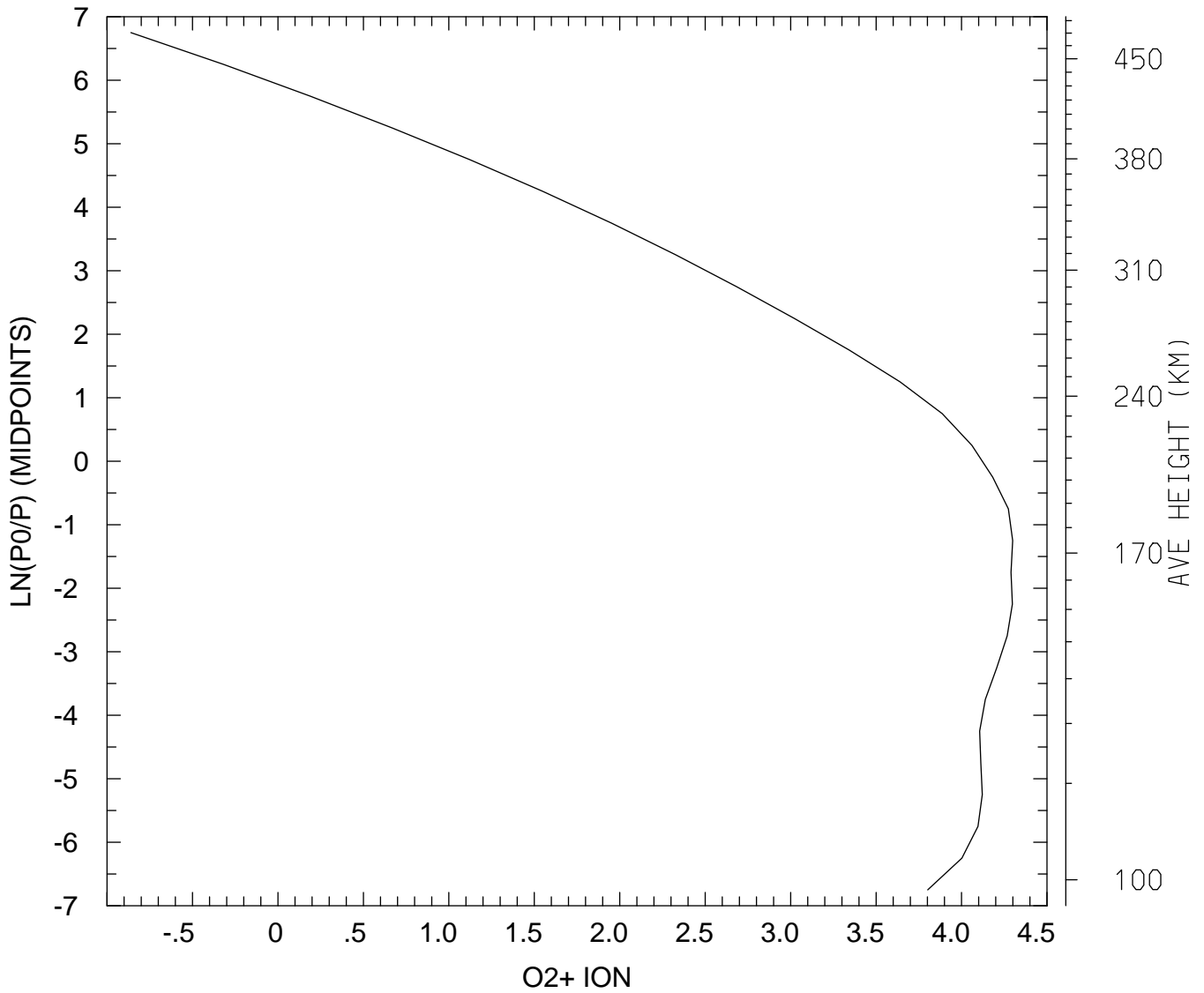
MIN,MAX= 5.7939E-02 4.7980E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



MIN,MAX= 1.4688E-01 5.1432E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

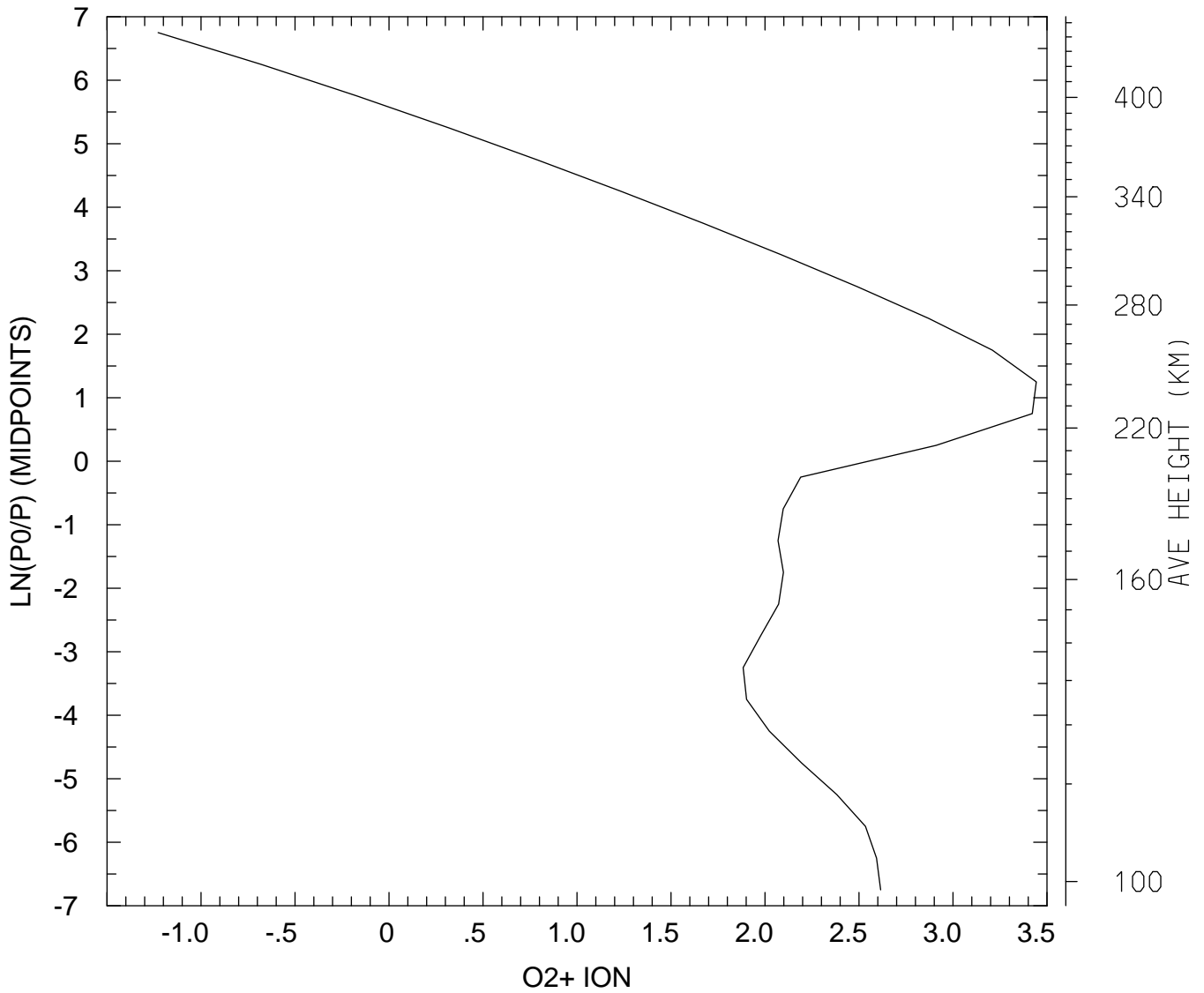
LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



MIN,MAX= 1.3788E-01 1.9918E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

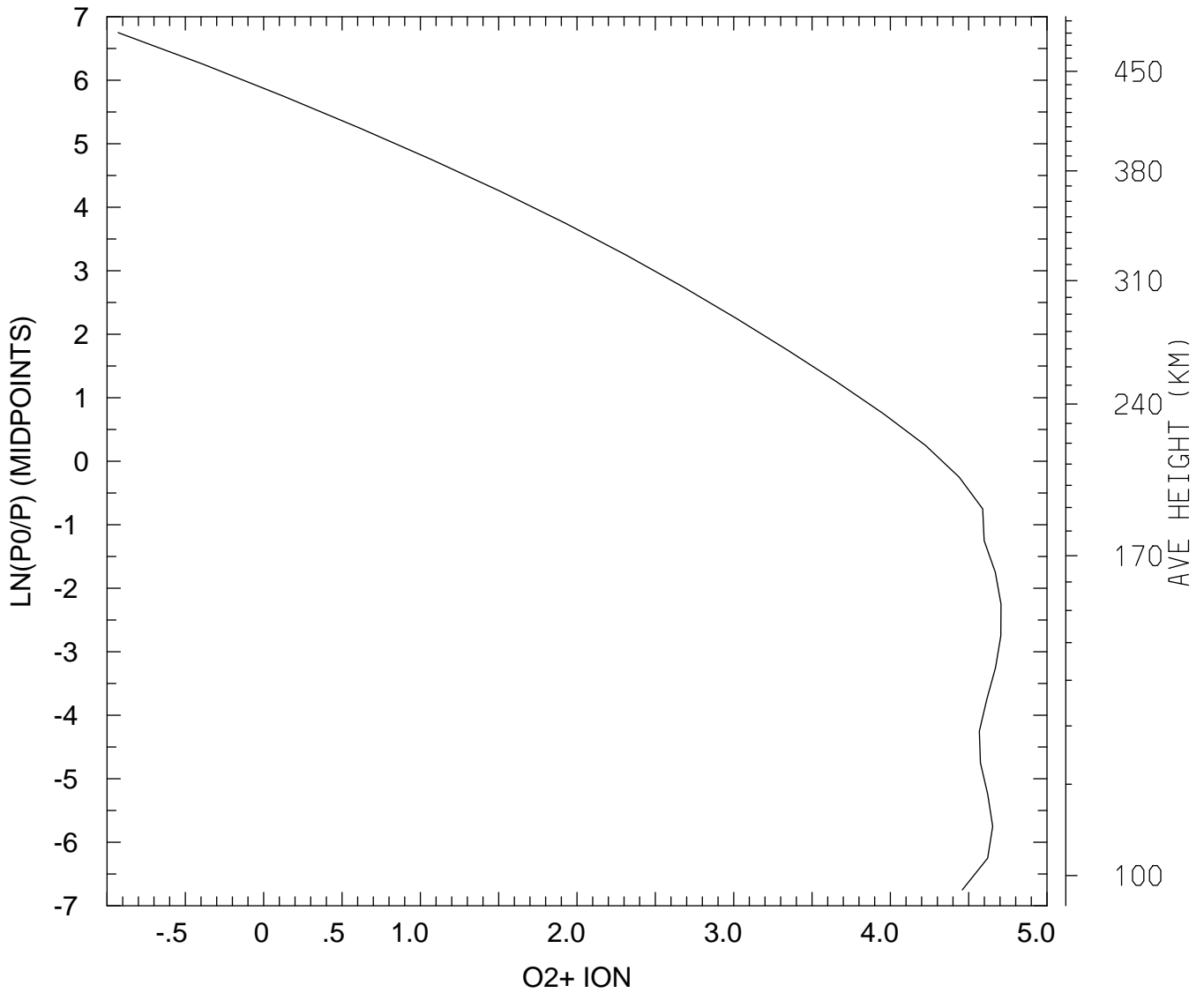


LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



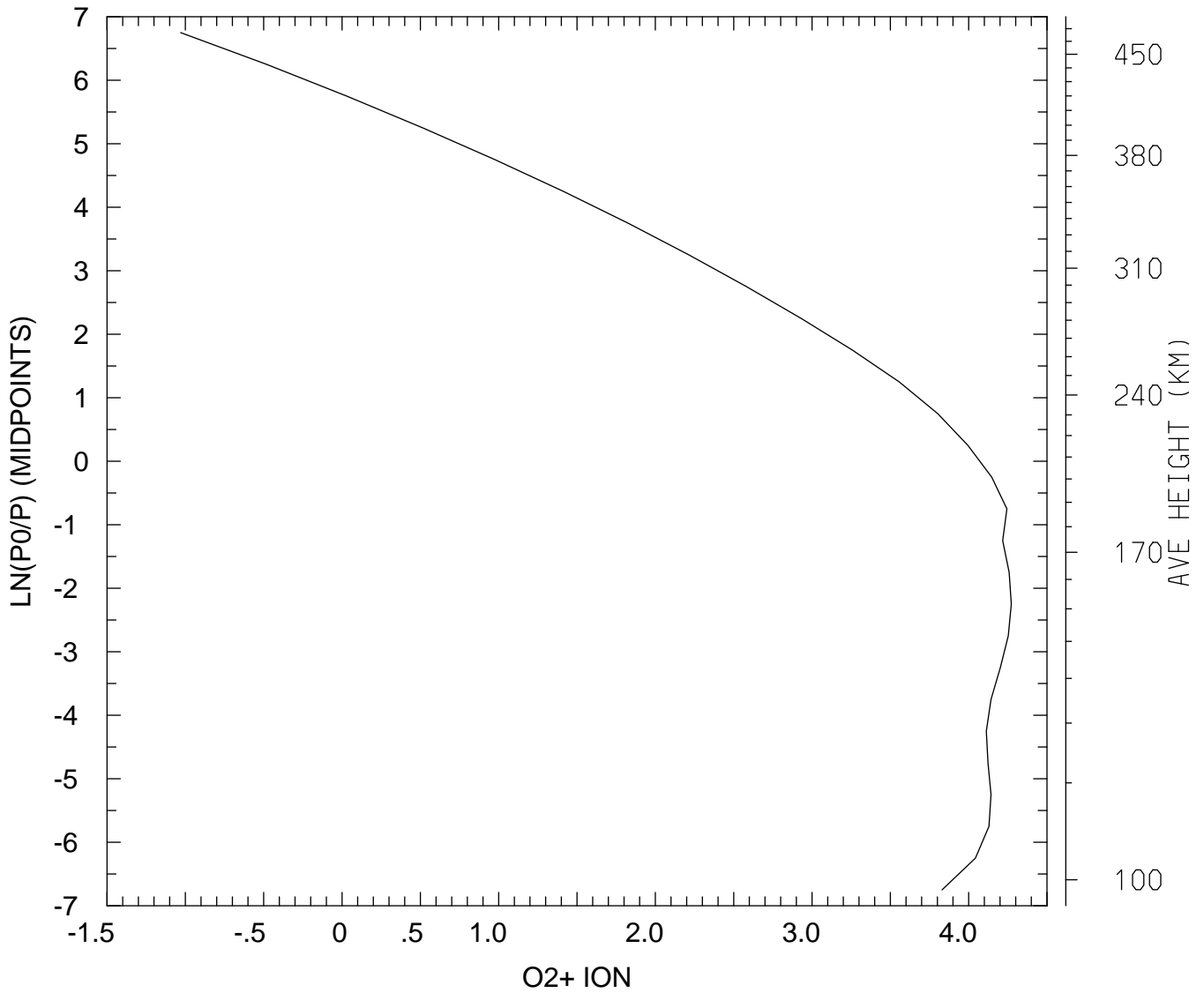
MIN,MAX= 5.9098E-02 2.7743E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



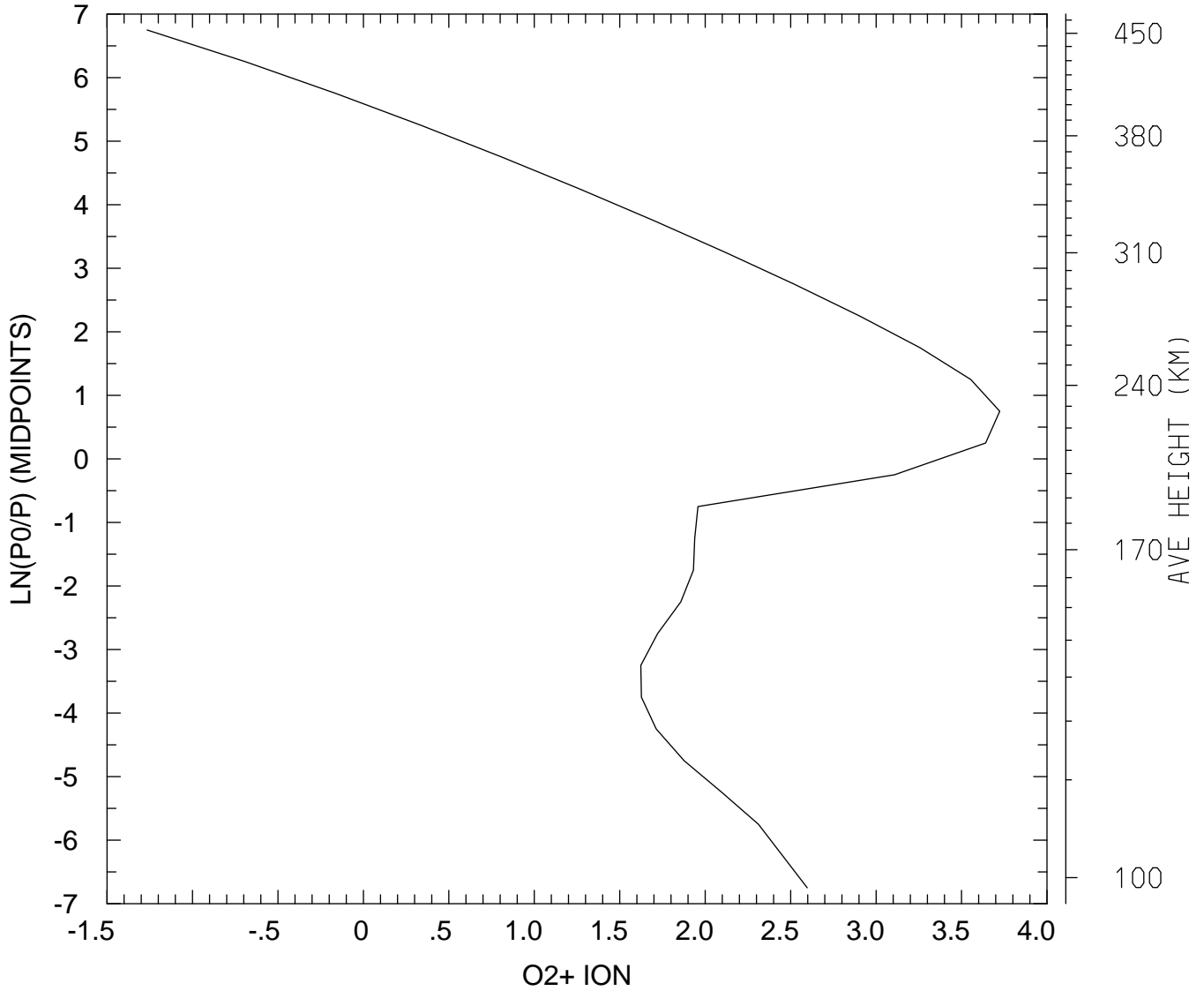
MIN,MAX= 1.1762E-01 5.0831E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



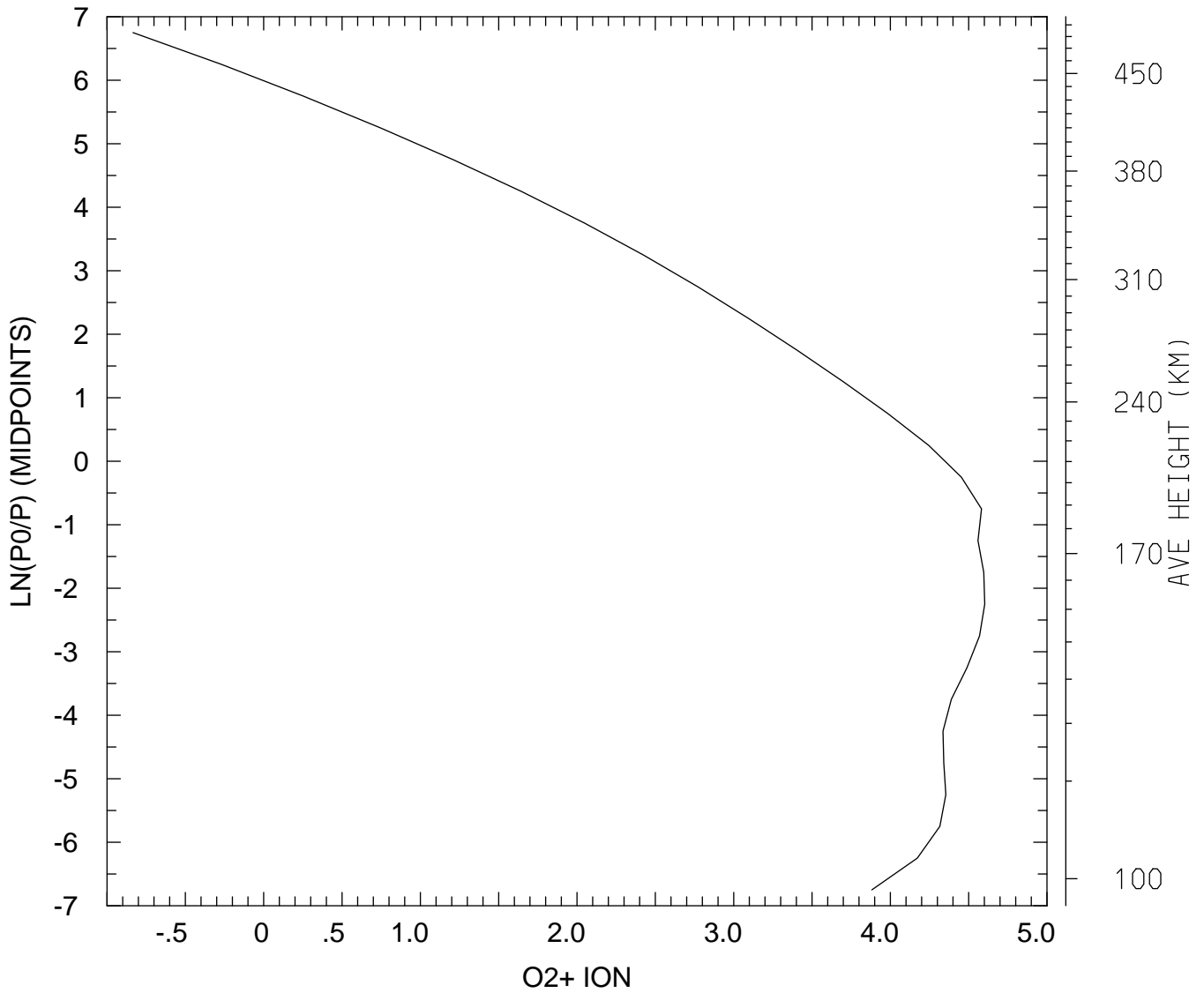
MIN,MAX= 9.3238E-02 1.8715E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



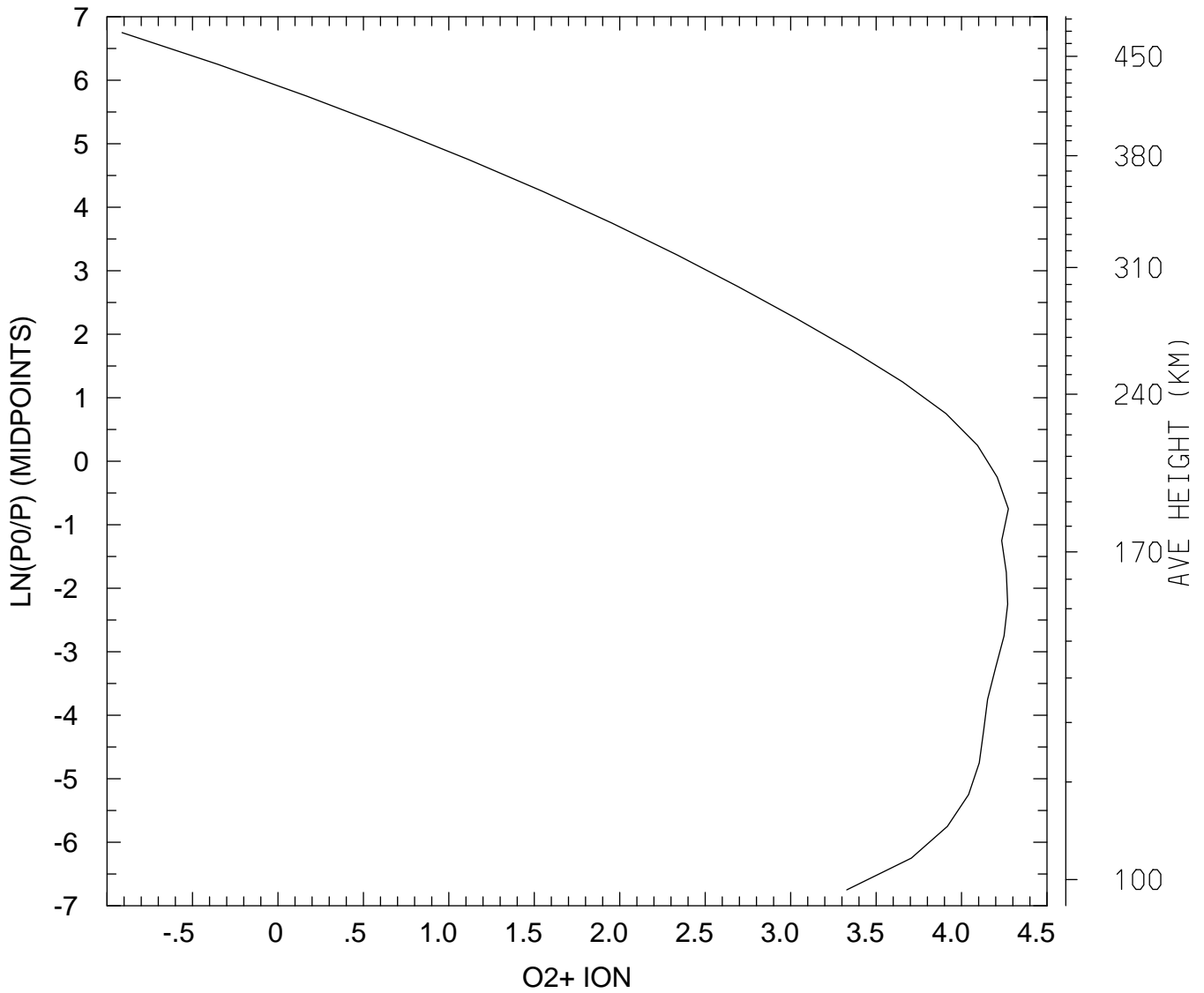
MIN,MAX= 5.4235E-02 5.2907E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



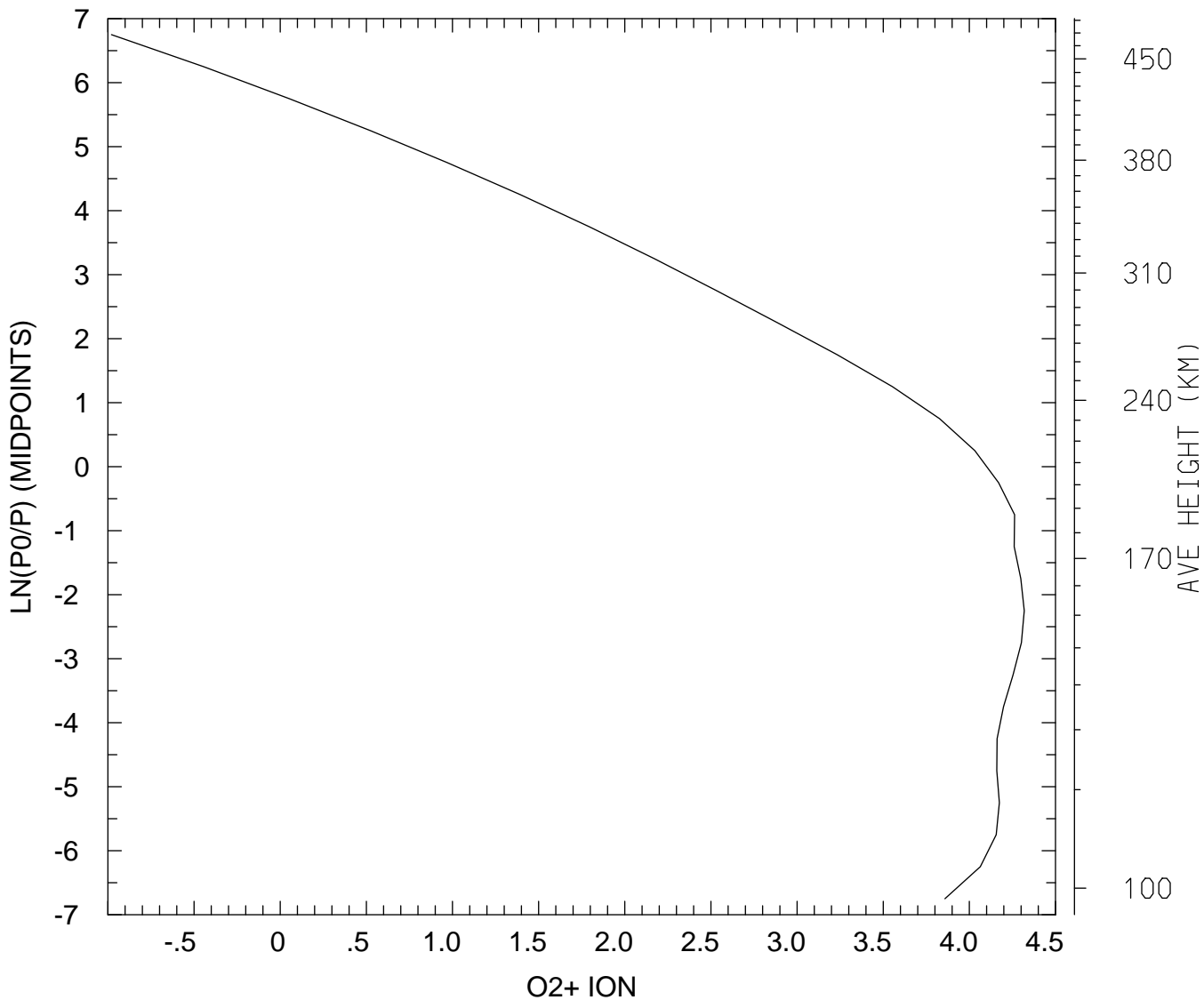
MIN,MAX= 1.4655E-01 4.0026E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



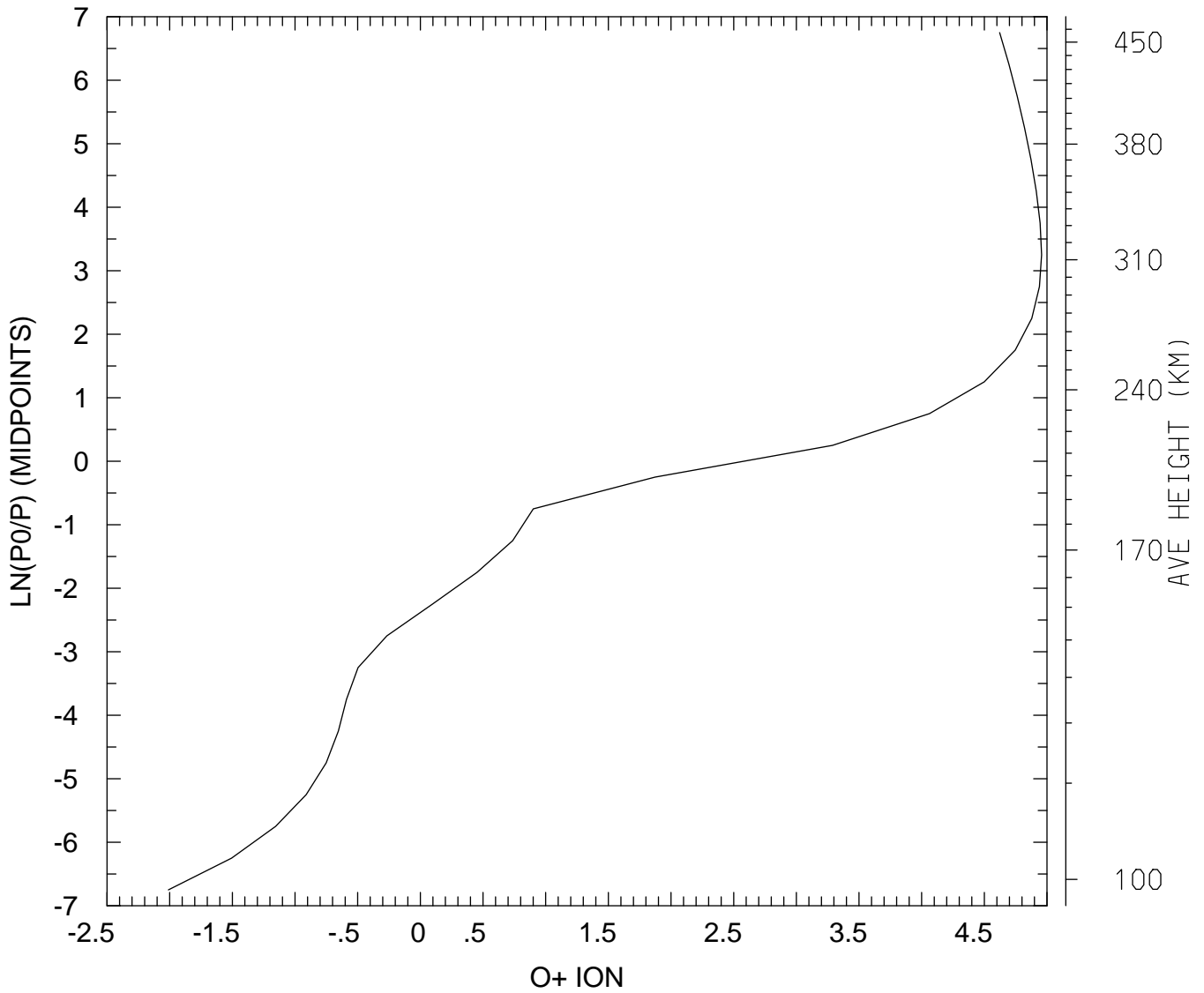
MIN,MAX= 1.2237E-01 1.8785E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 GLOBAL MEANS



MIN,MAX= 1.0481E-01 2.0826E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

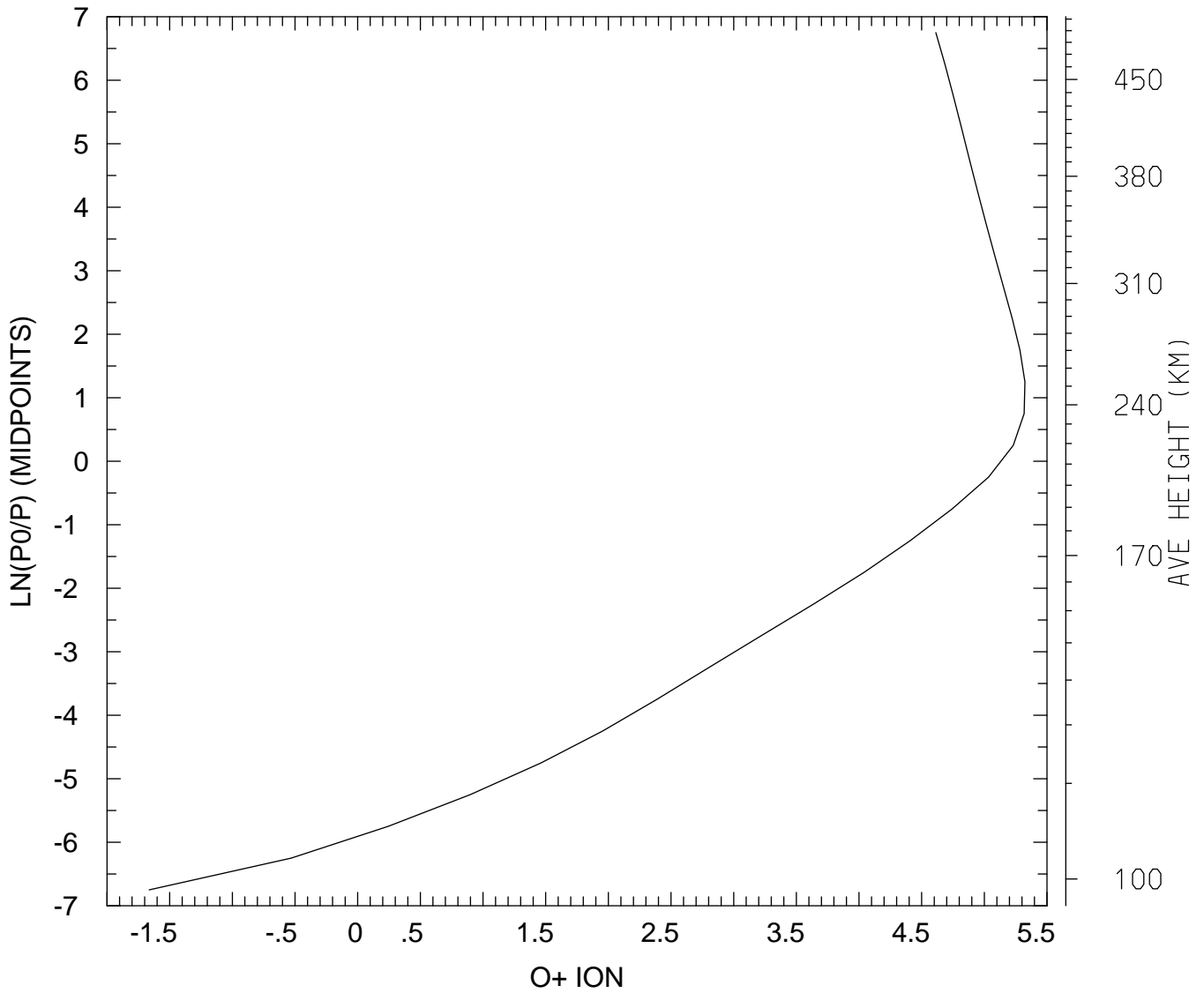
LOG10 O+ ION (CM3)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS)



MIN,MAX= 9.7696E-03 9.0460E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

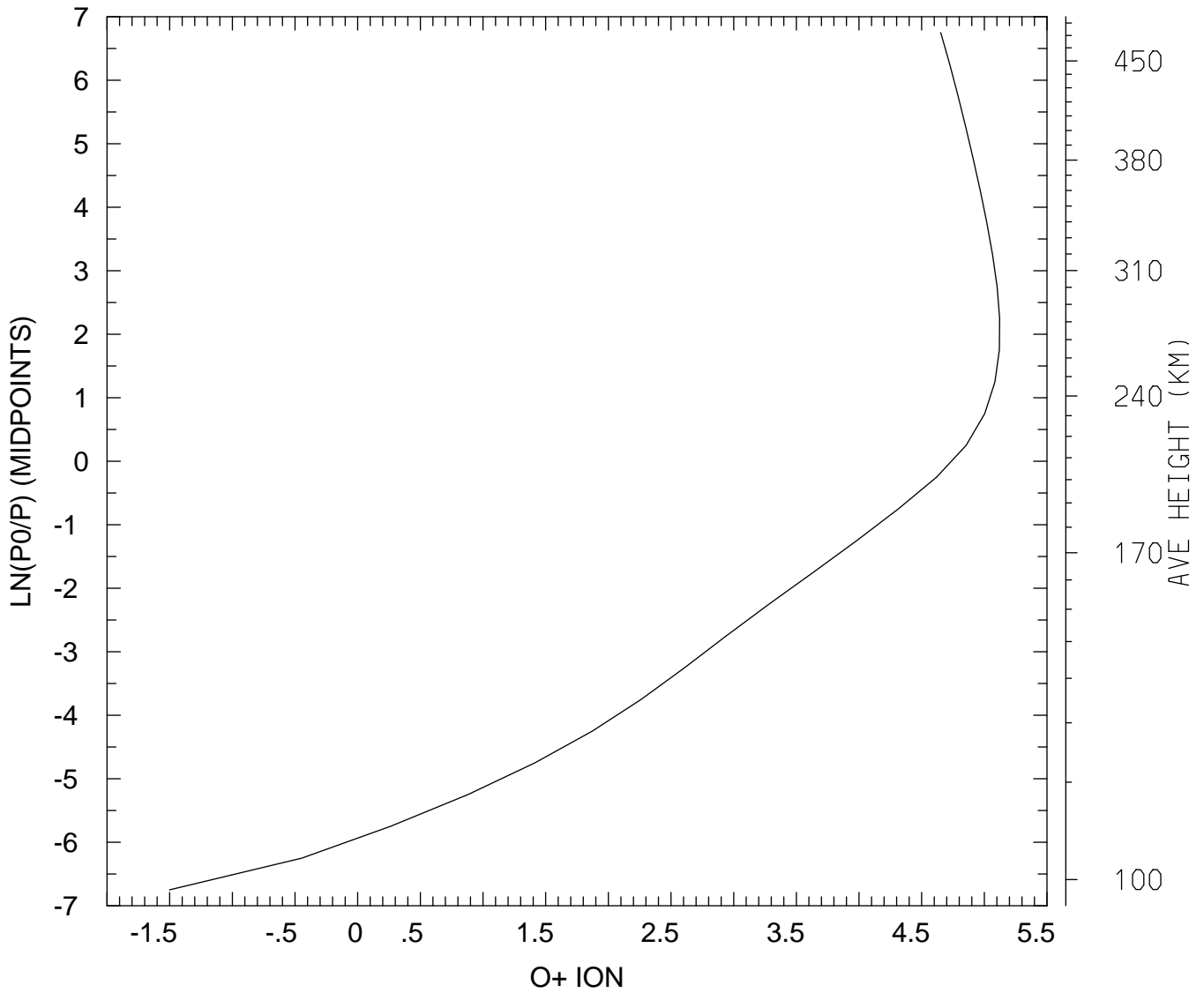


LOG10 O+ ION (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



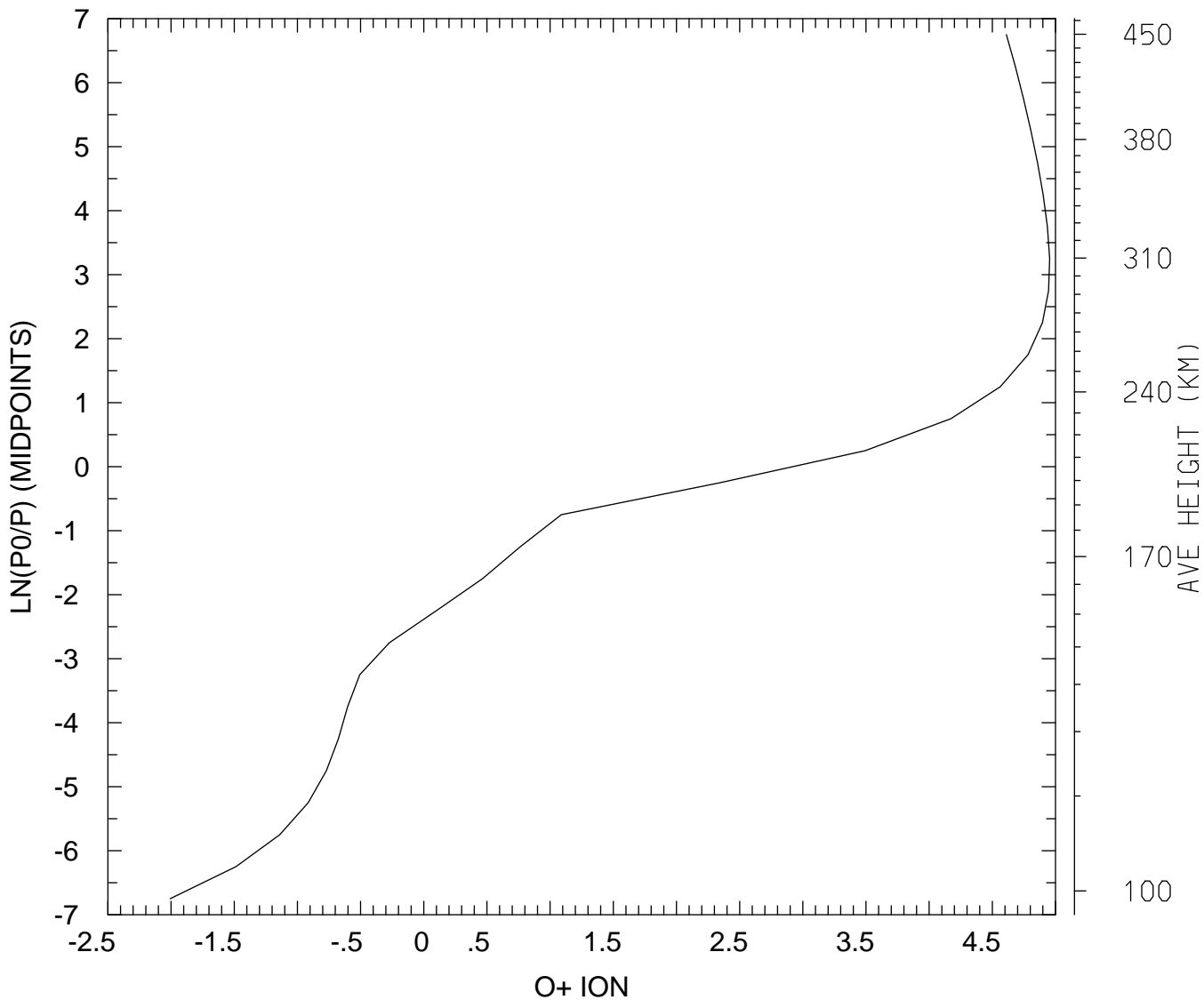
MIN,MAX= 2.1705E-02 2.1062E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O+ ION (CM3)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



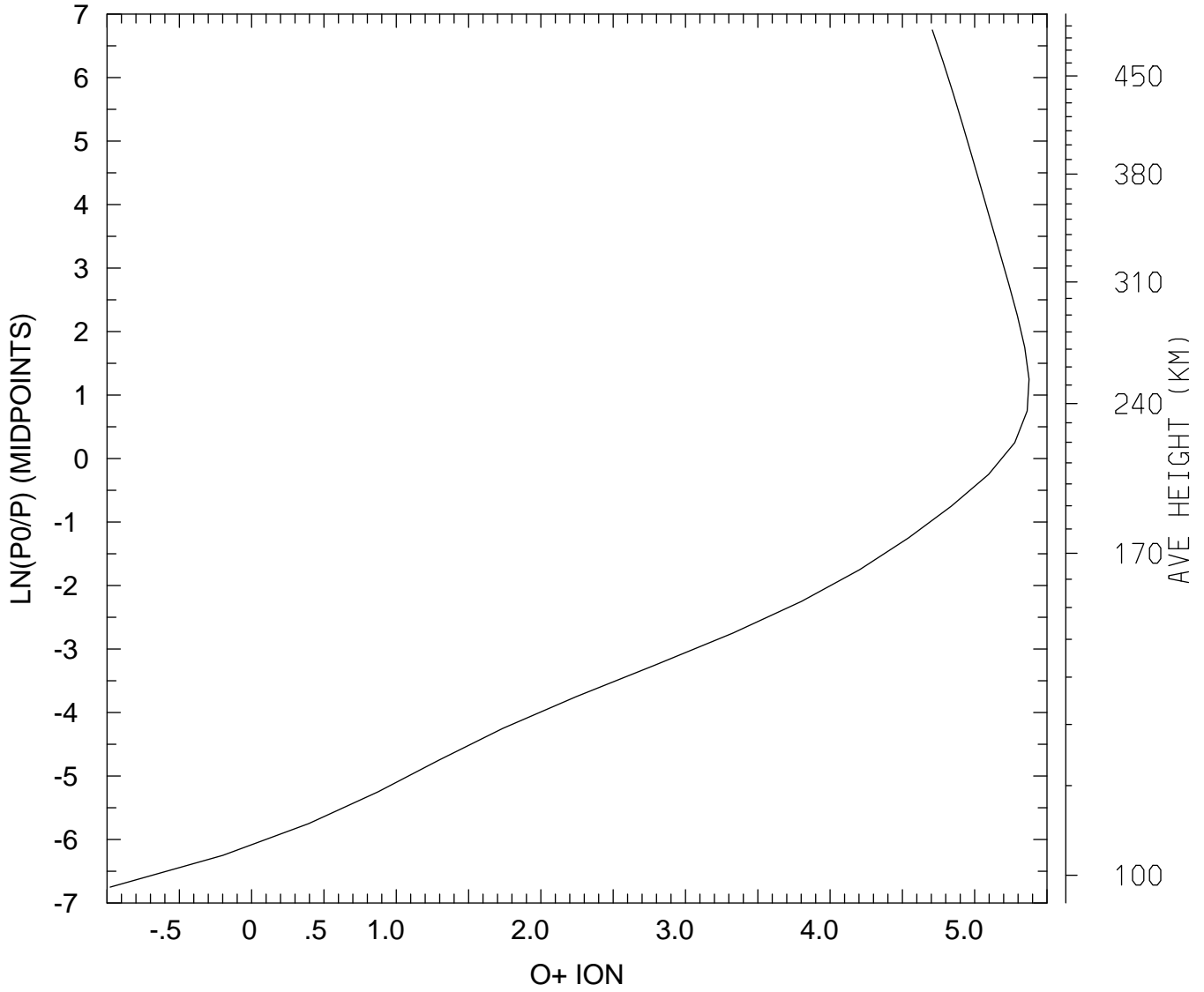
MIN,MAX= 3.1473E-02 1.3237E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O+ ION (CM3)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS)



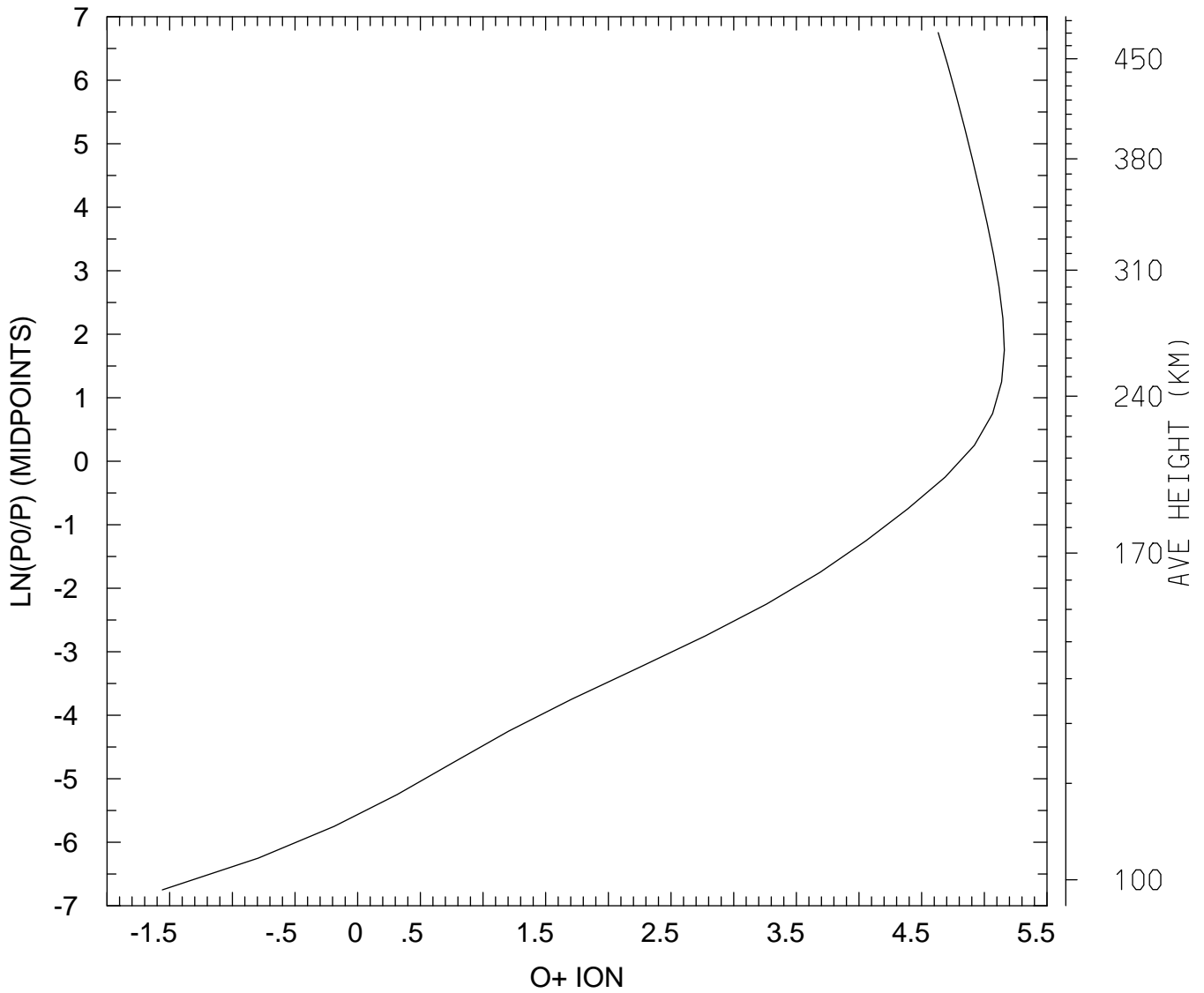
MIN,MAX= 9.8322E-03 8.9816E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O+ ION (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



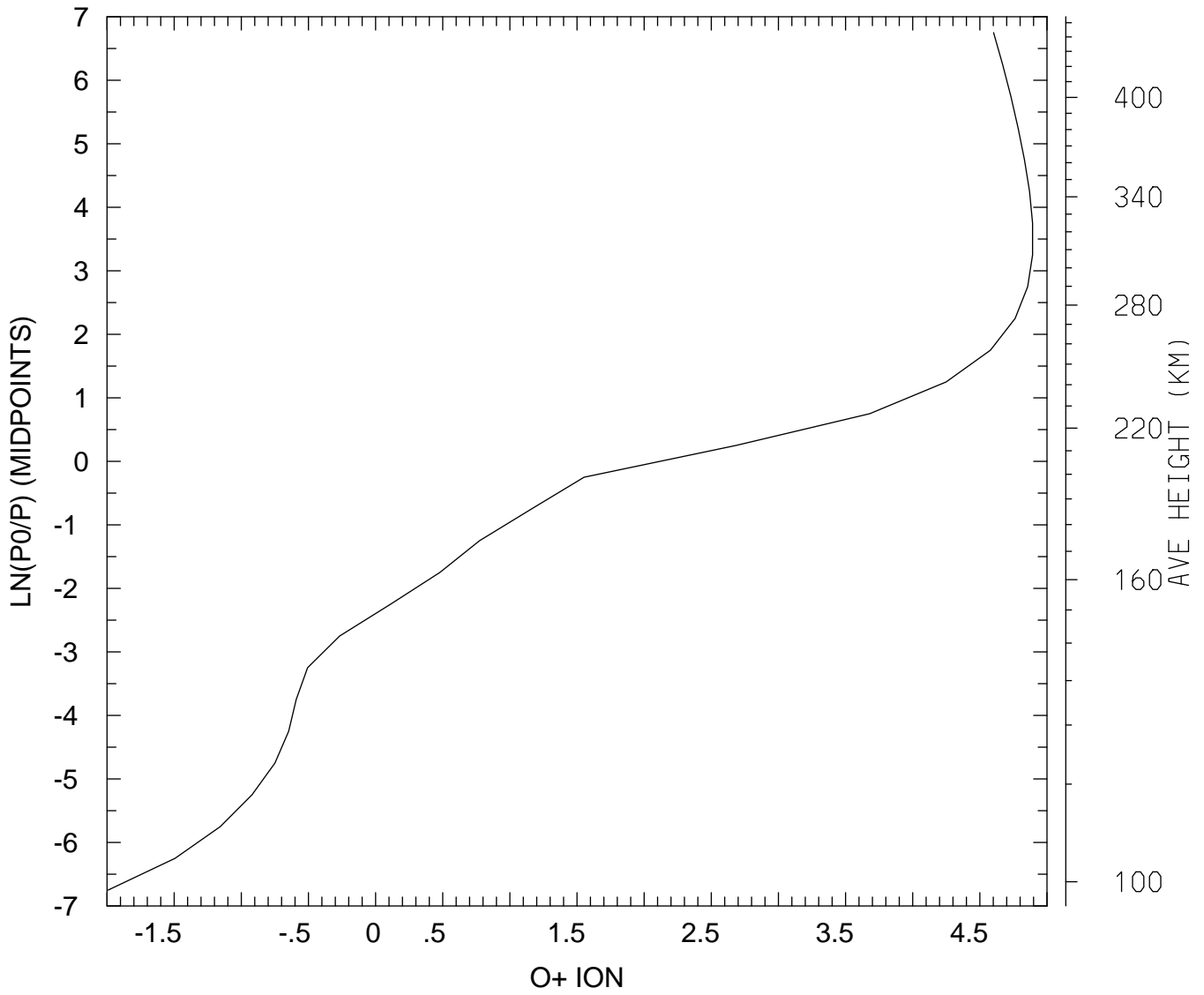
MIN,MAX= 1.0522E-01 2.3760E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O+ ION (CM3)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



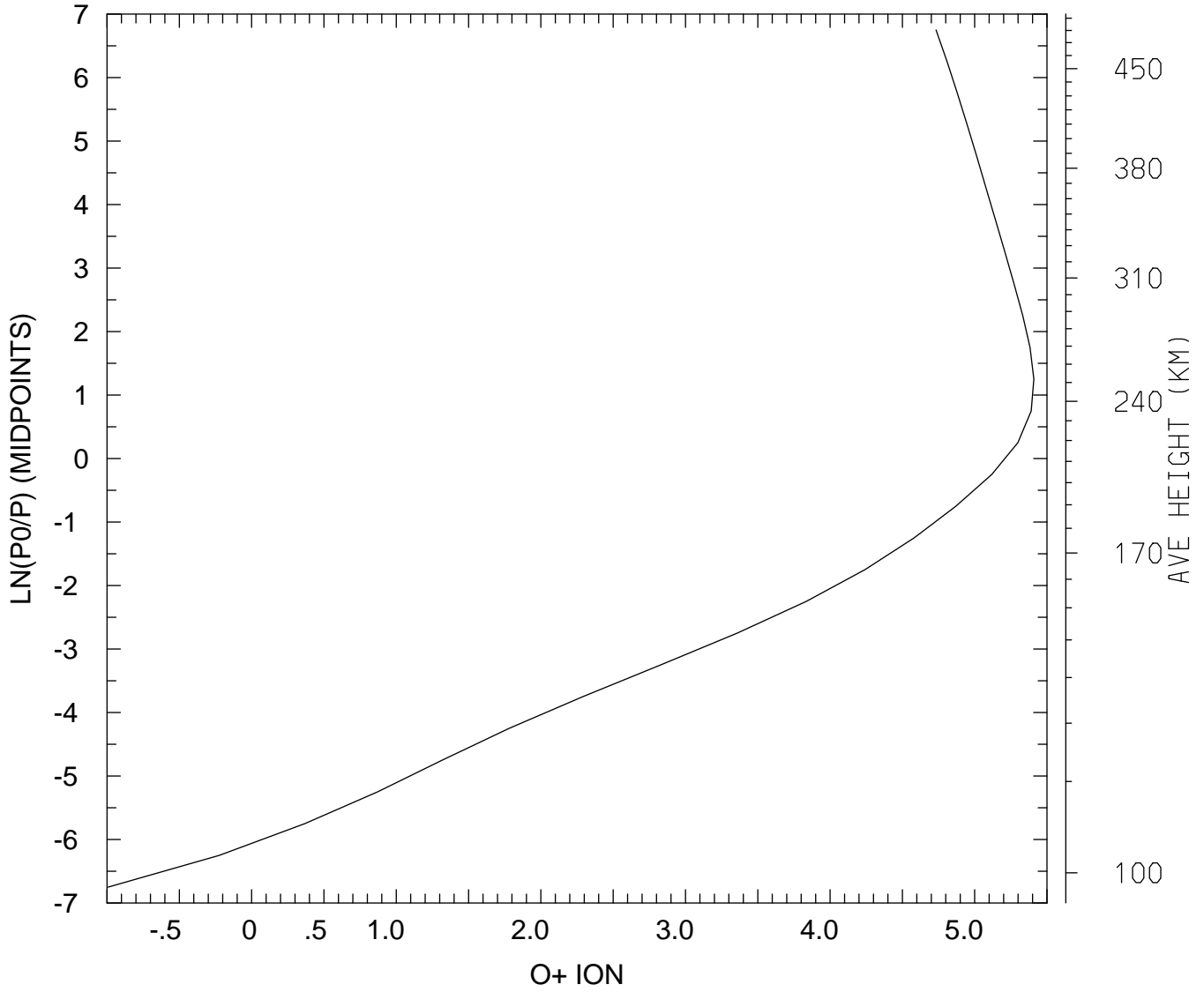
MIN,MAX= 2.7621E-02 1.4430E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O+ ION (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



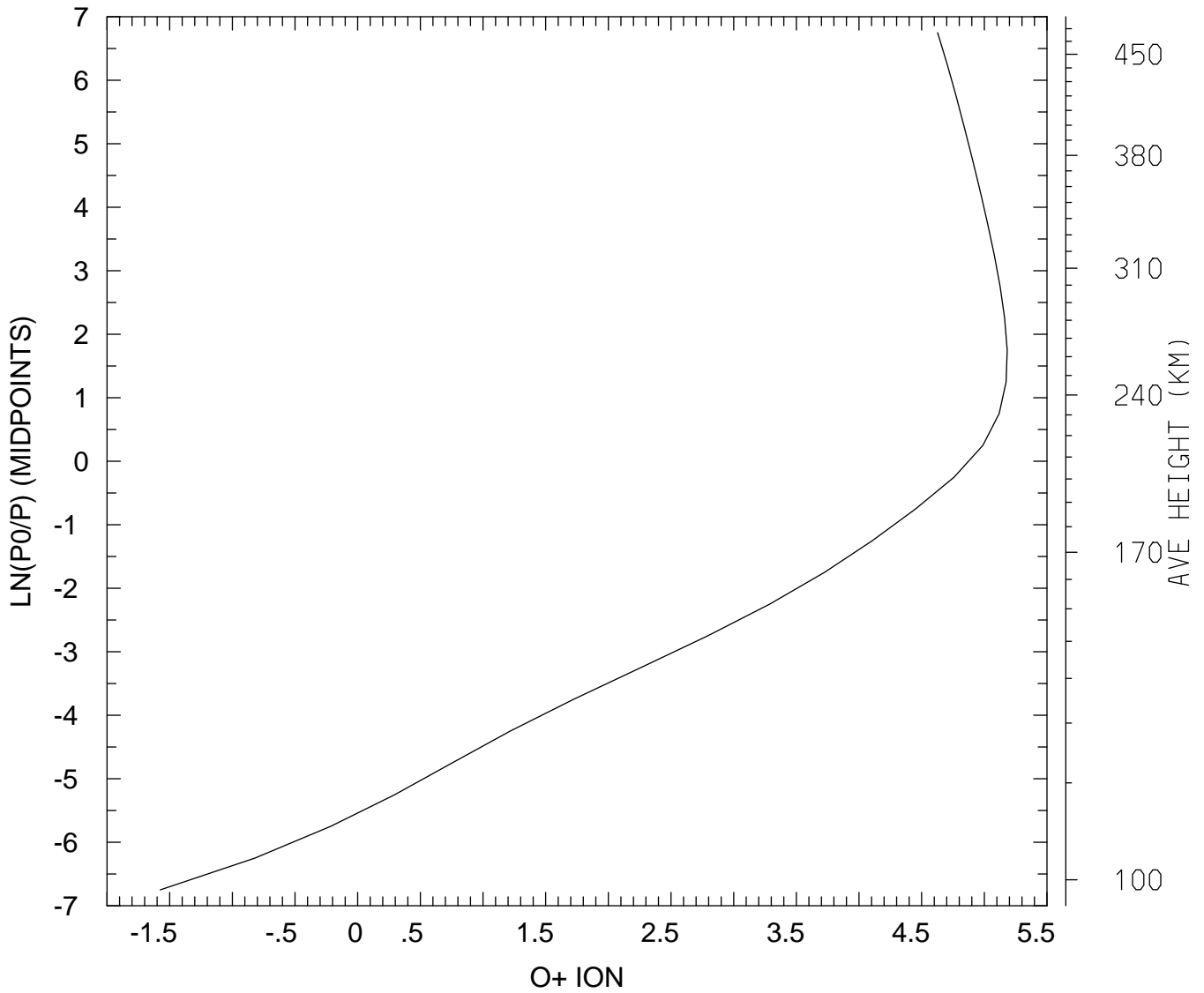
MIN,MAX= 1.0185E-02 7.8073E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O+ ION (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



MIN,MAX= 1.0181E-01 2.5653E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

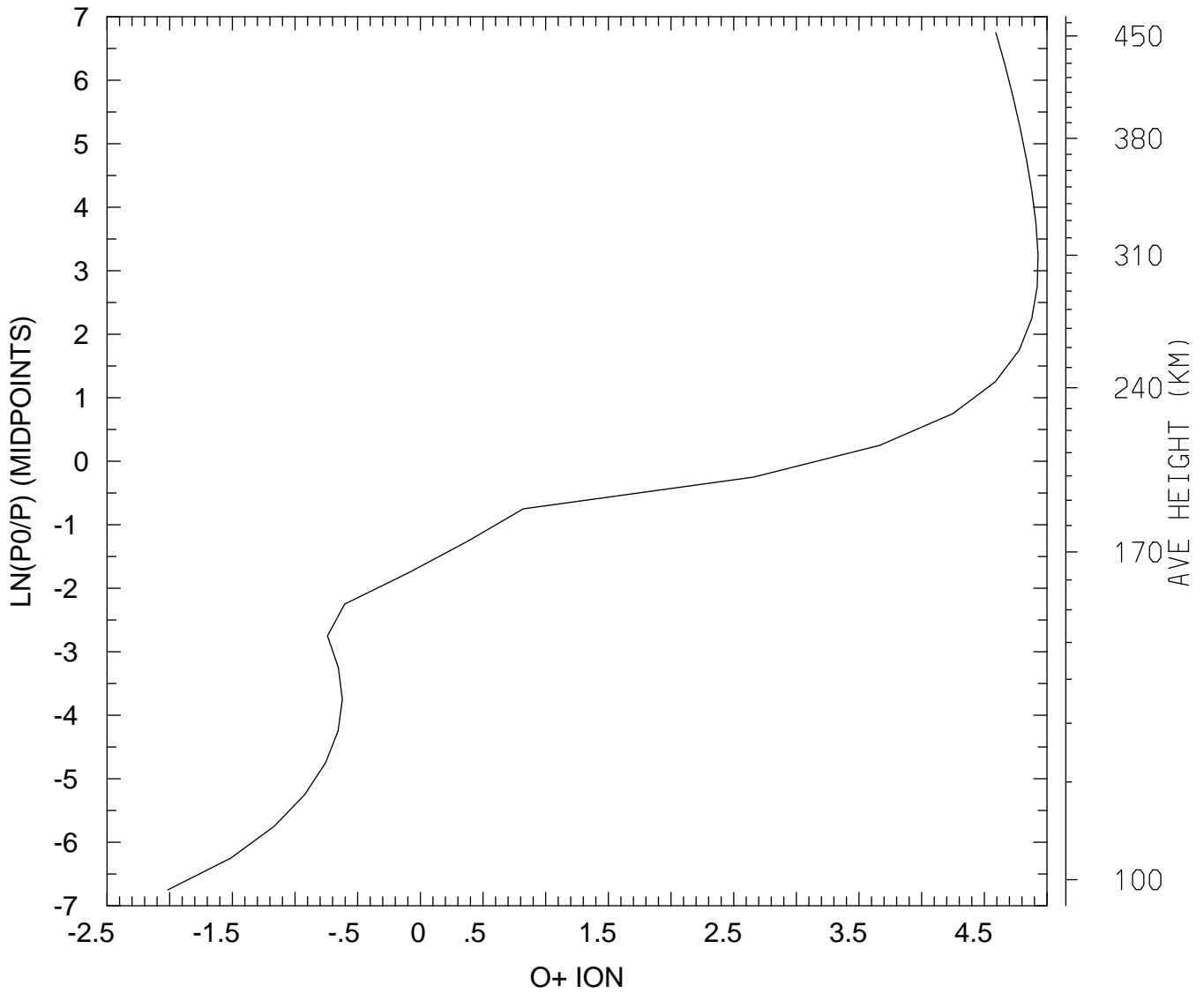
LOG10 O+ ION (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



MIN,MAX= 2.6612E-02 1.5200E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

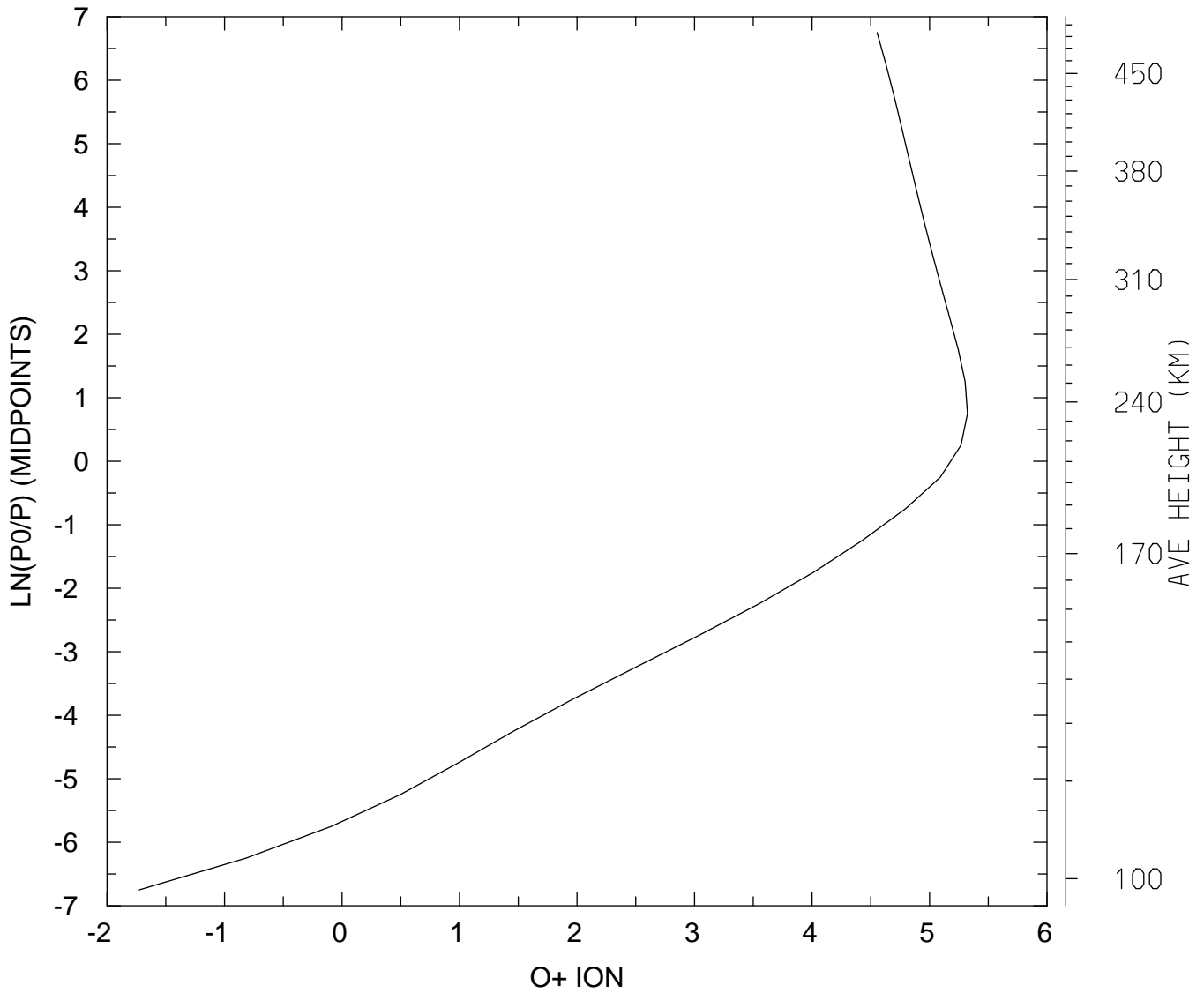


LOG10 O+ ION (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS)



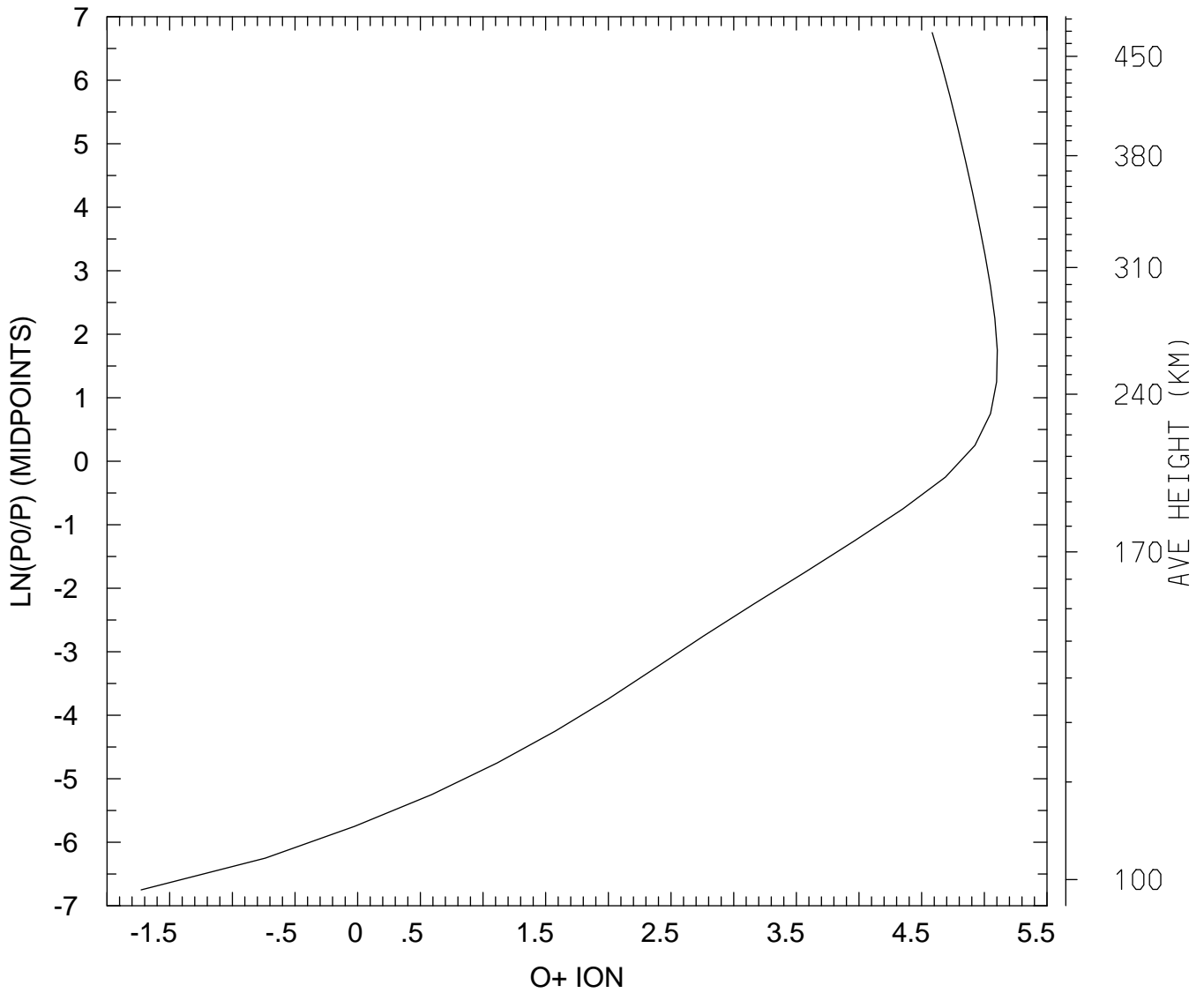
MIN,MAX= 9.6542E-03 8.4797E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O+ ION (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



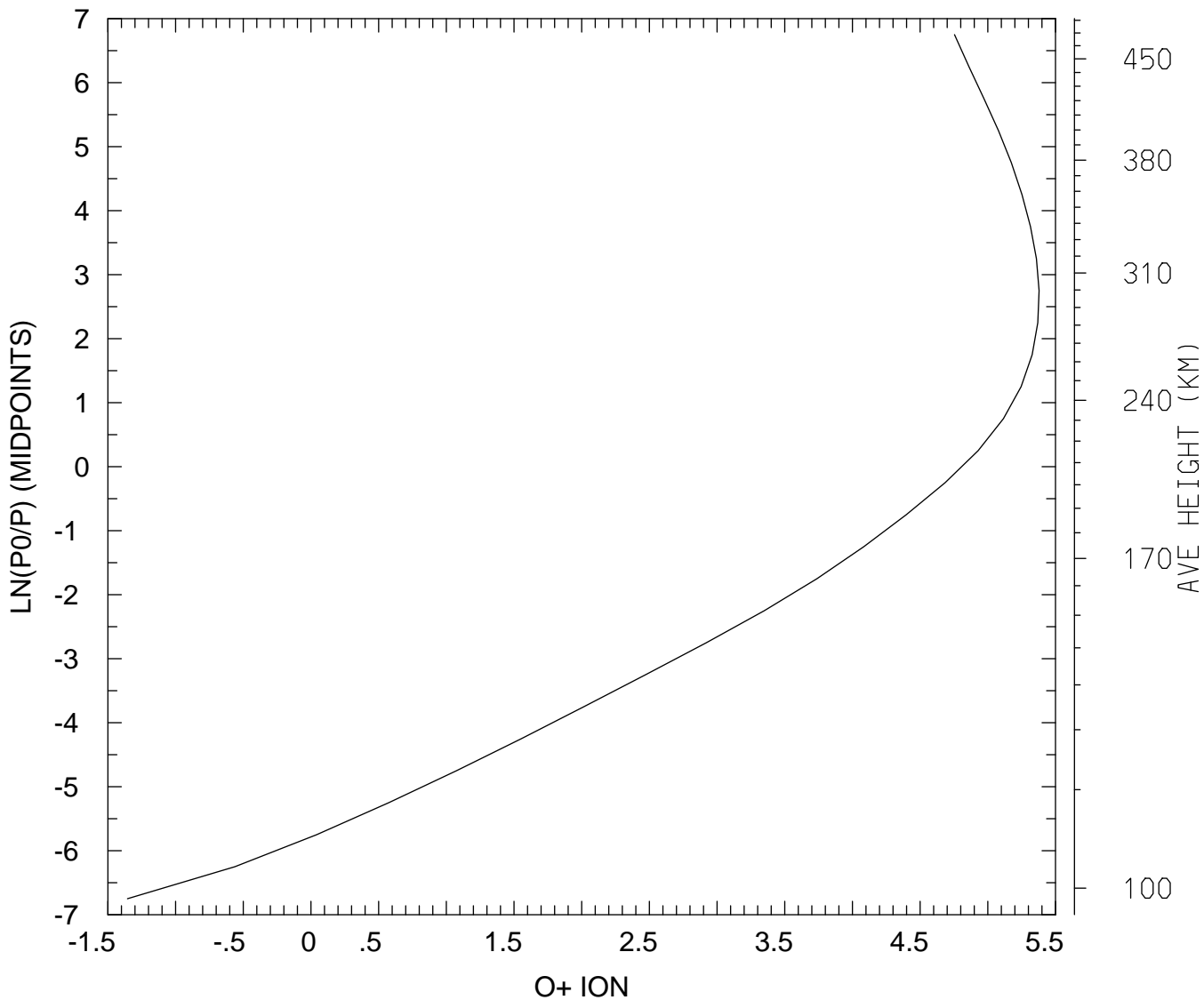
MIN,MAX= 1.8812E-02 2.1044E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O+ ION (CM3)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



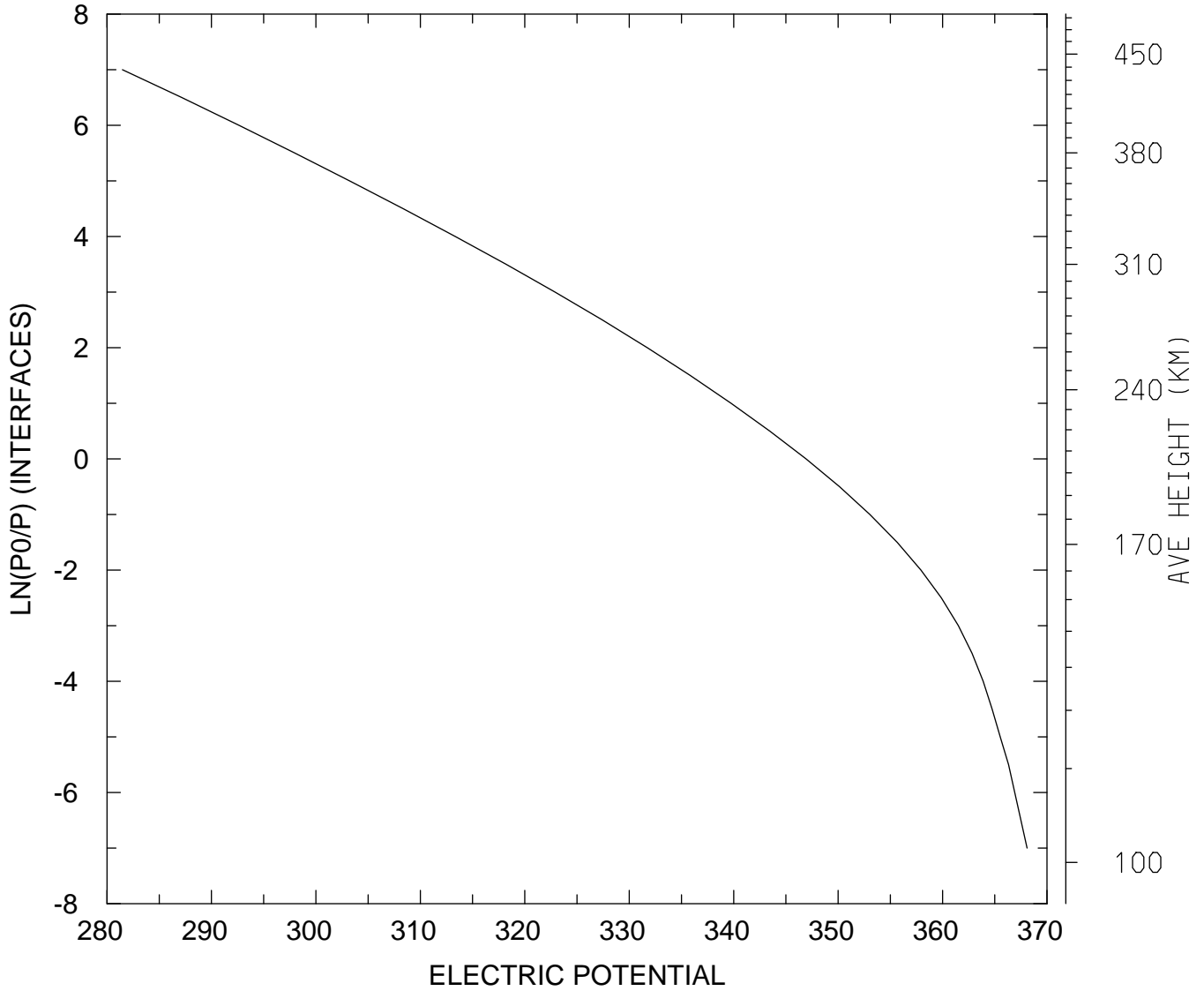
MIN,MAX= 1.8714E-02 1.2689E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

LOG10 O+ ION (CM3)  
UT= 0.00 GLOBAL MEANS



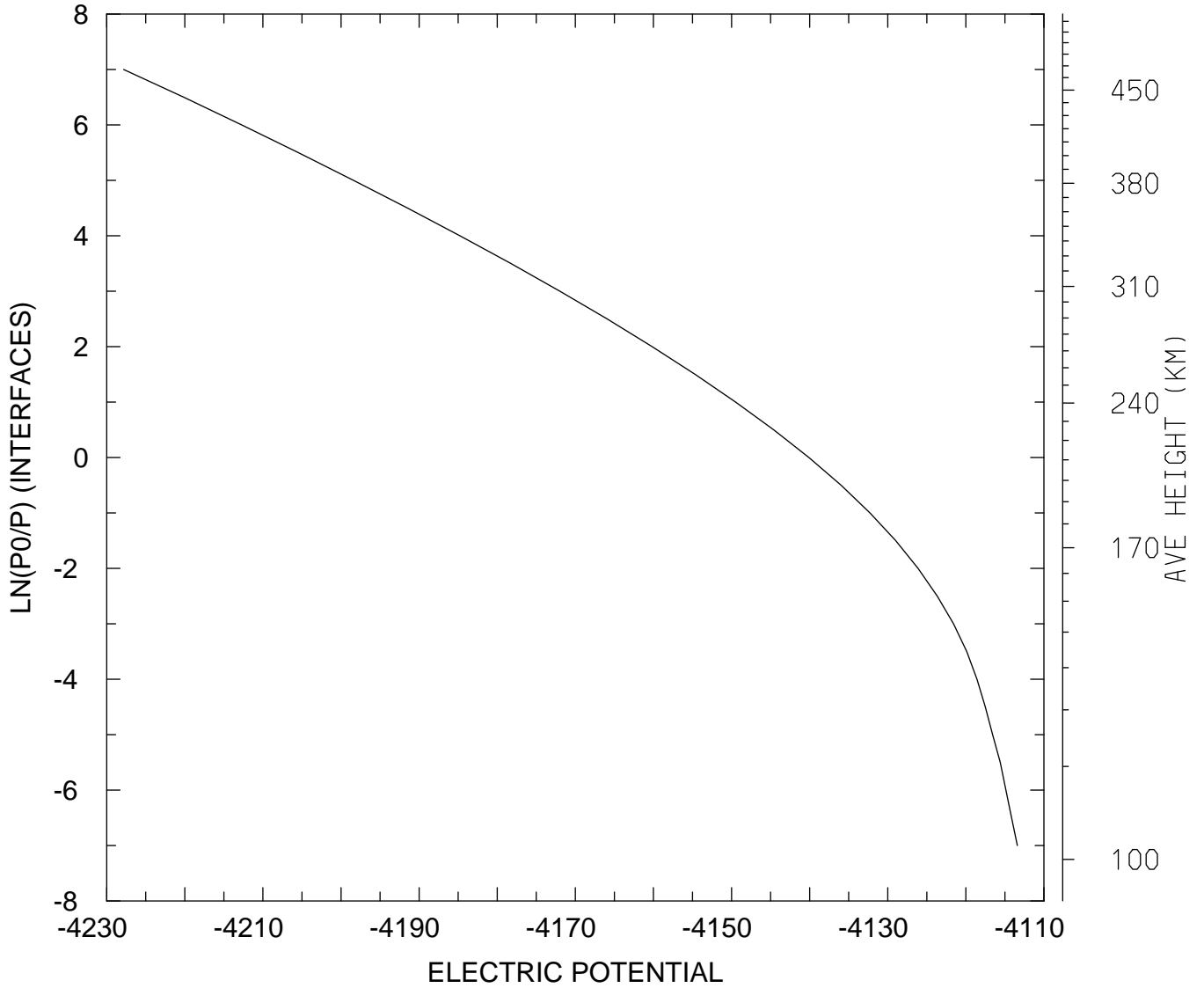
MIN,MAX= 4.4132E-02 2.3888E+05  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



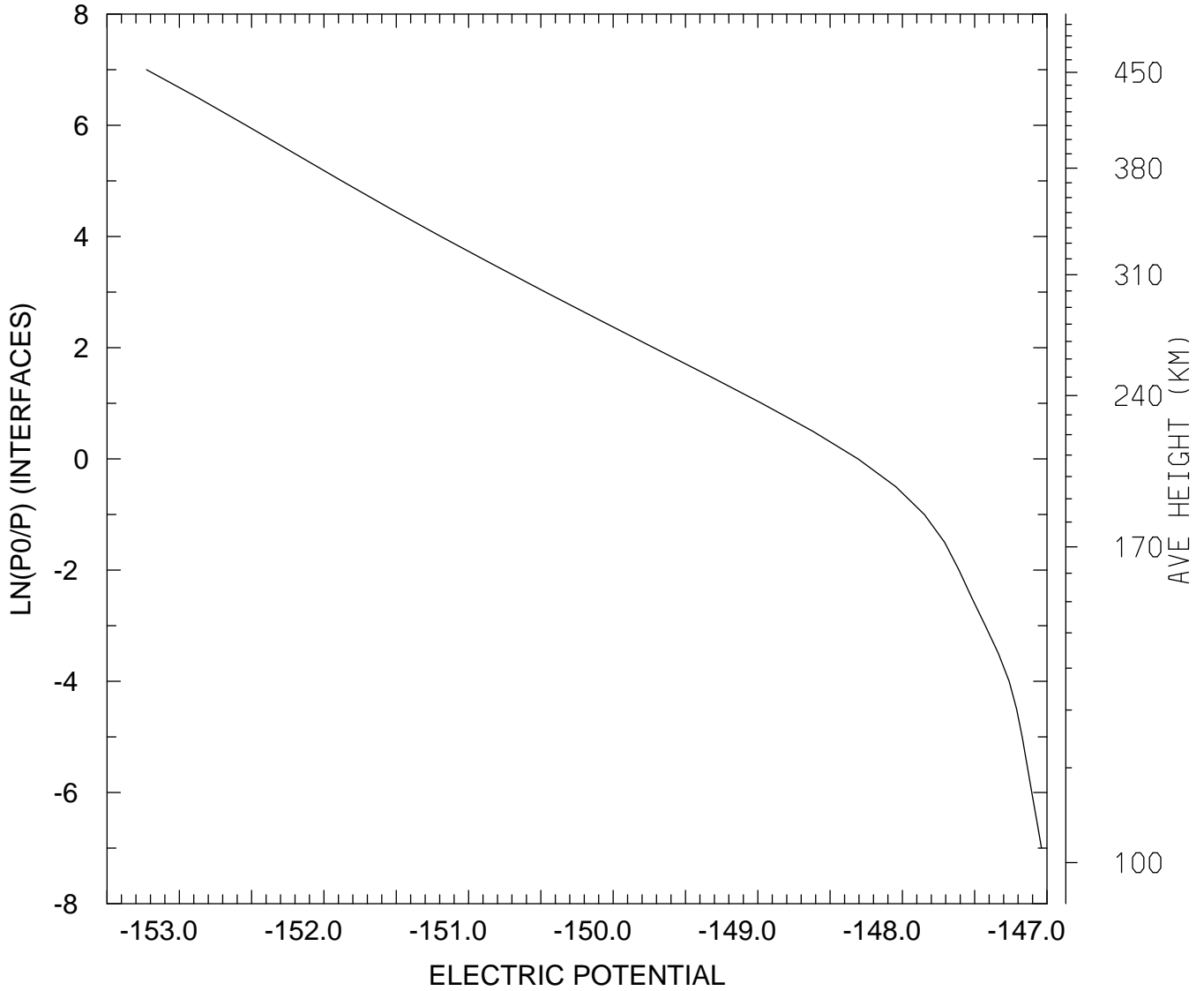
MIN,MAX= 2.8148E+02 3.6809E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



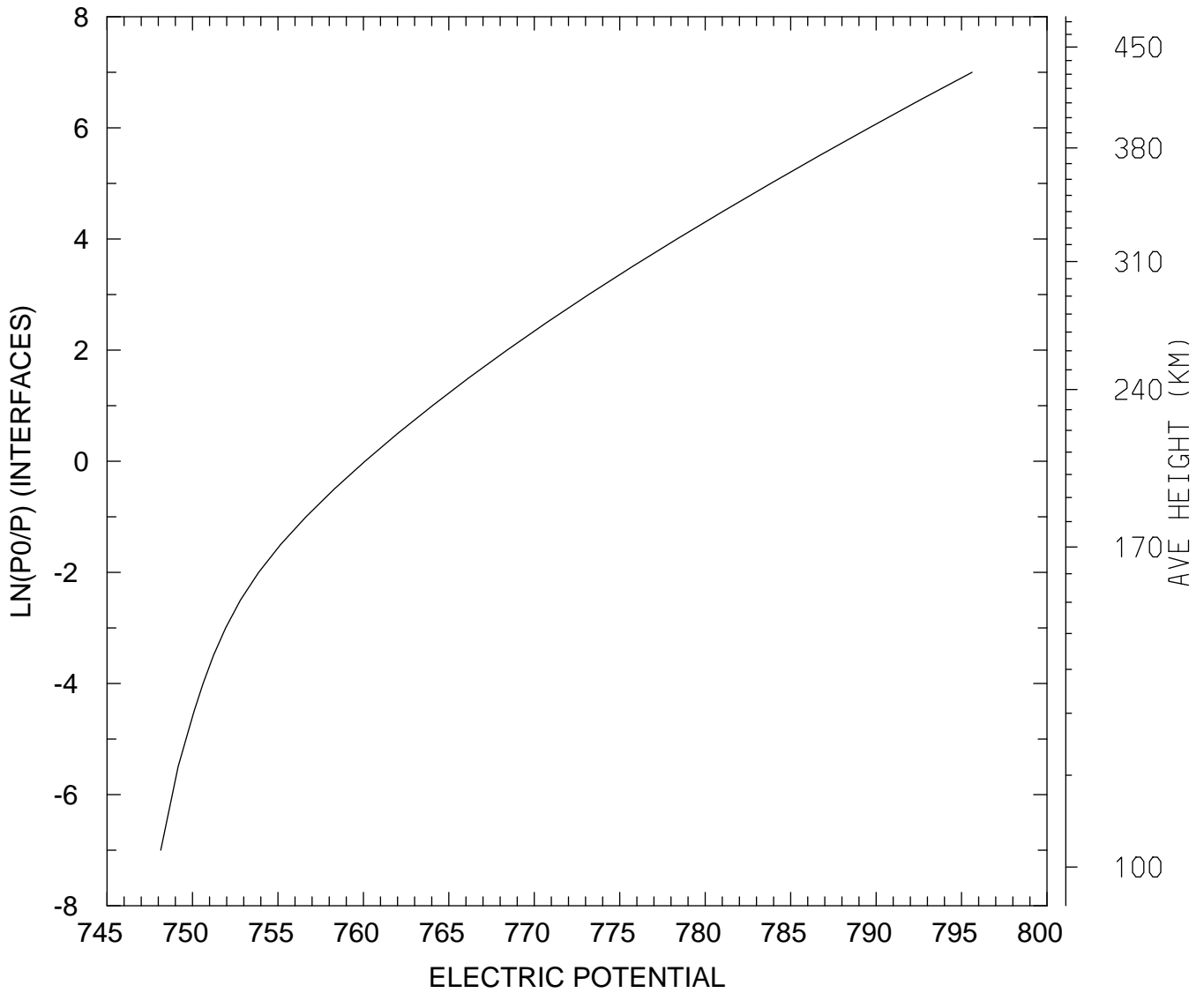
MIN,MAX= -4.2278E+03 -4.1134E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



MIN,MAX= -1.5323E+02 -1.4704E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

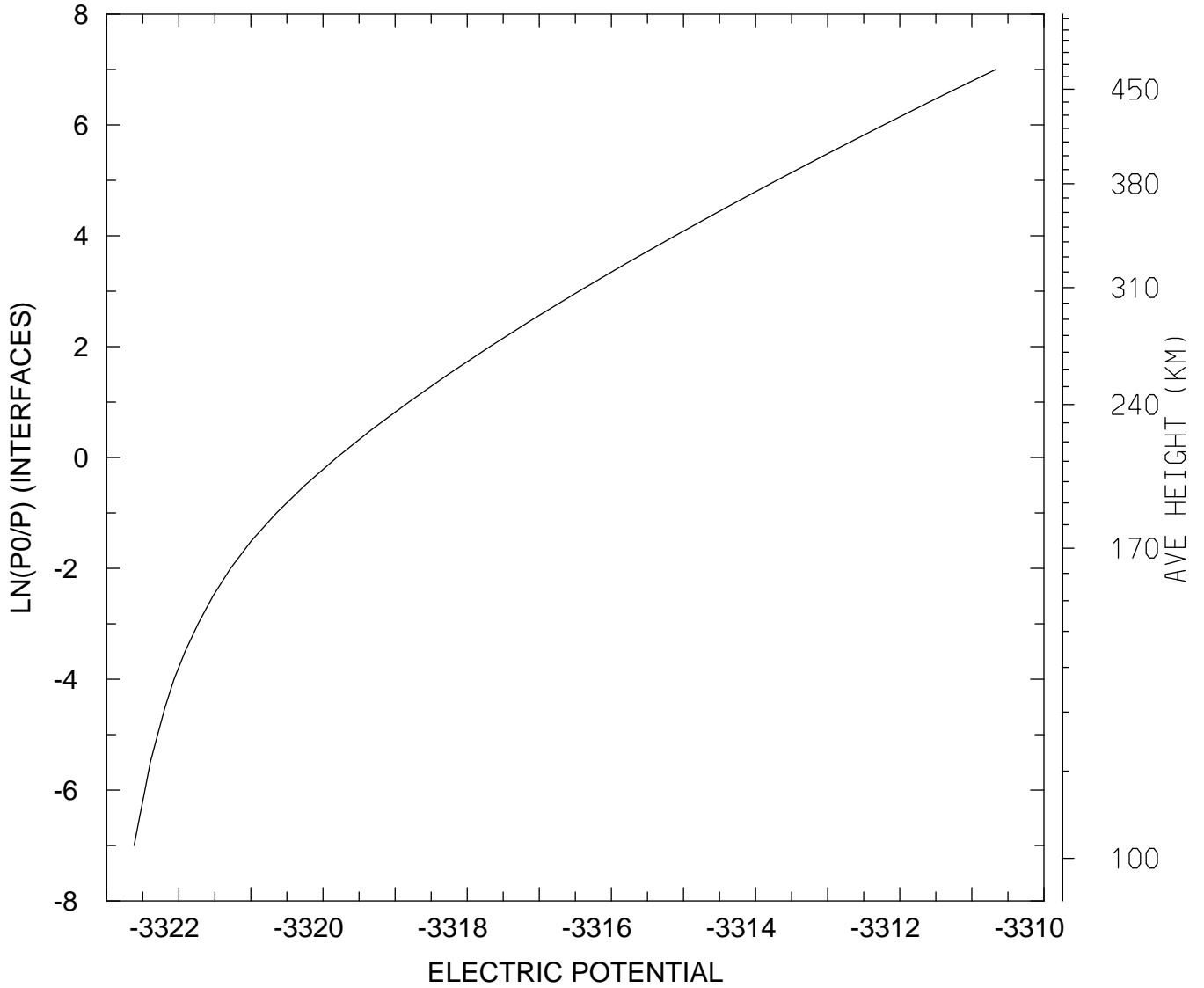
ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



MIN,MAX= 7.4814E+02 7.9562E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

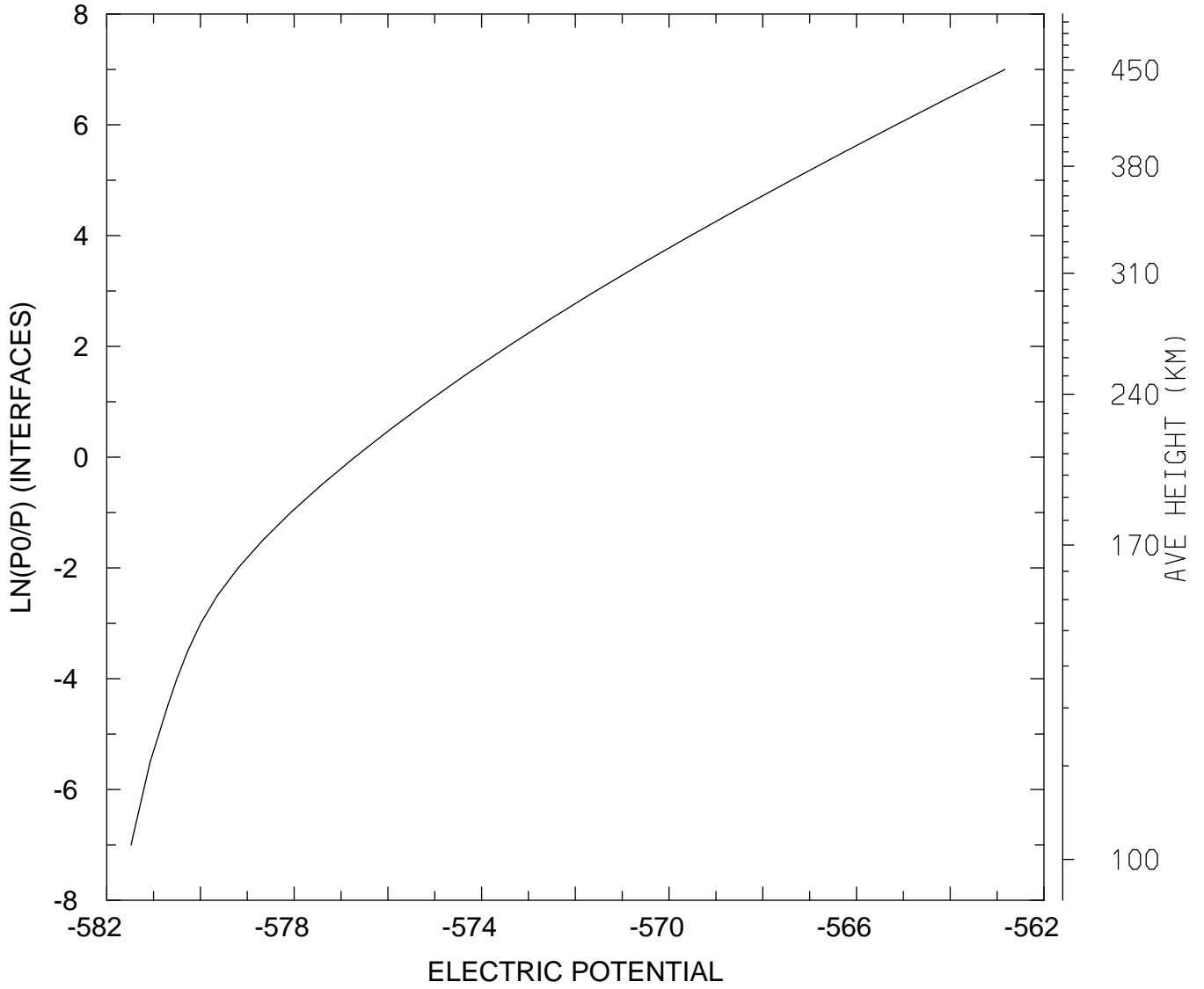


ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



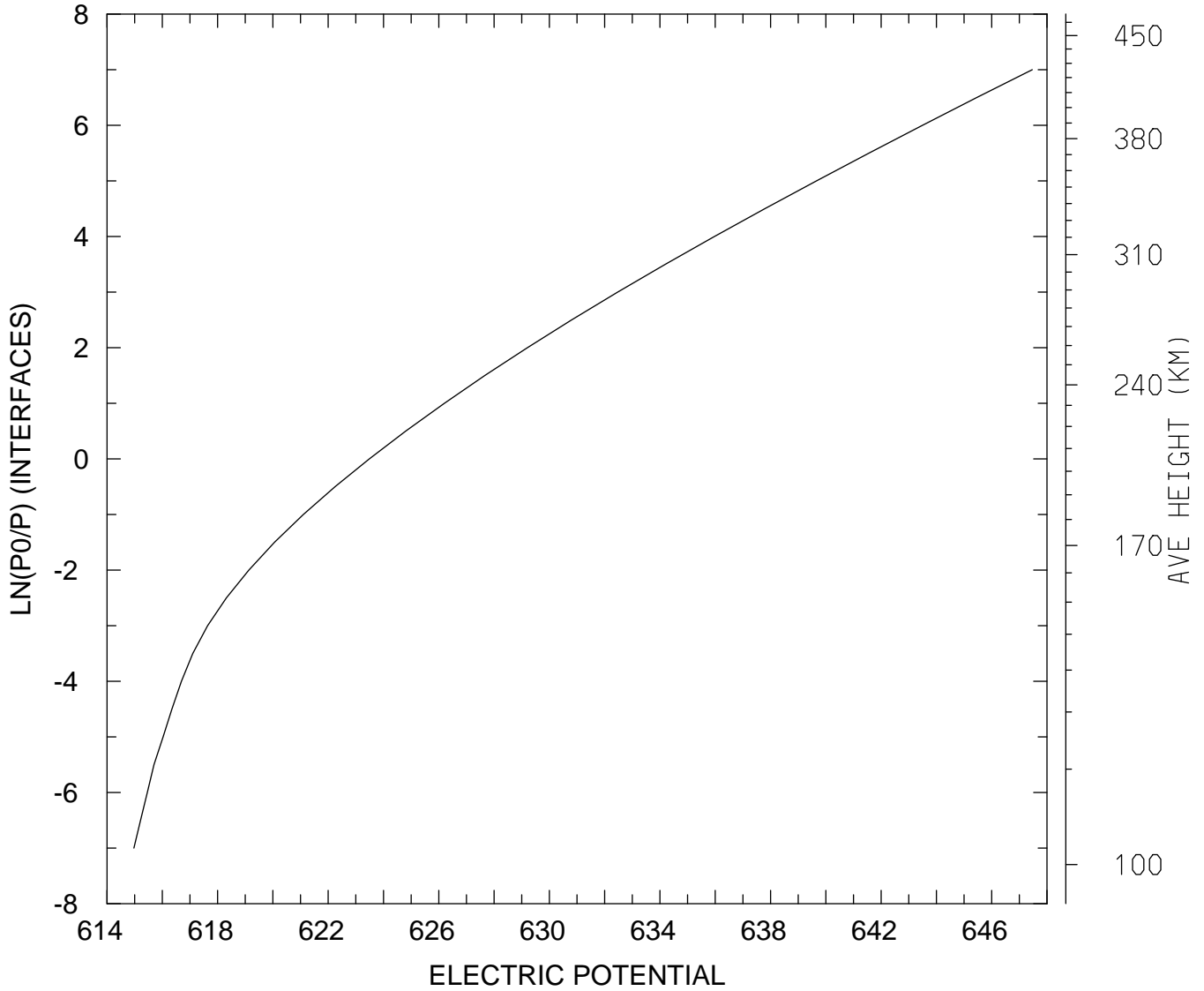
MIN,MAX= -3.3226E+03 -3.3107E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



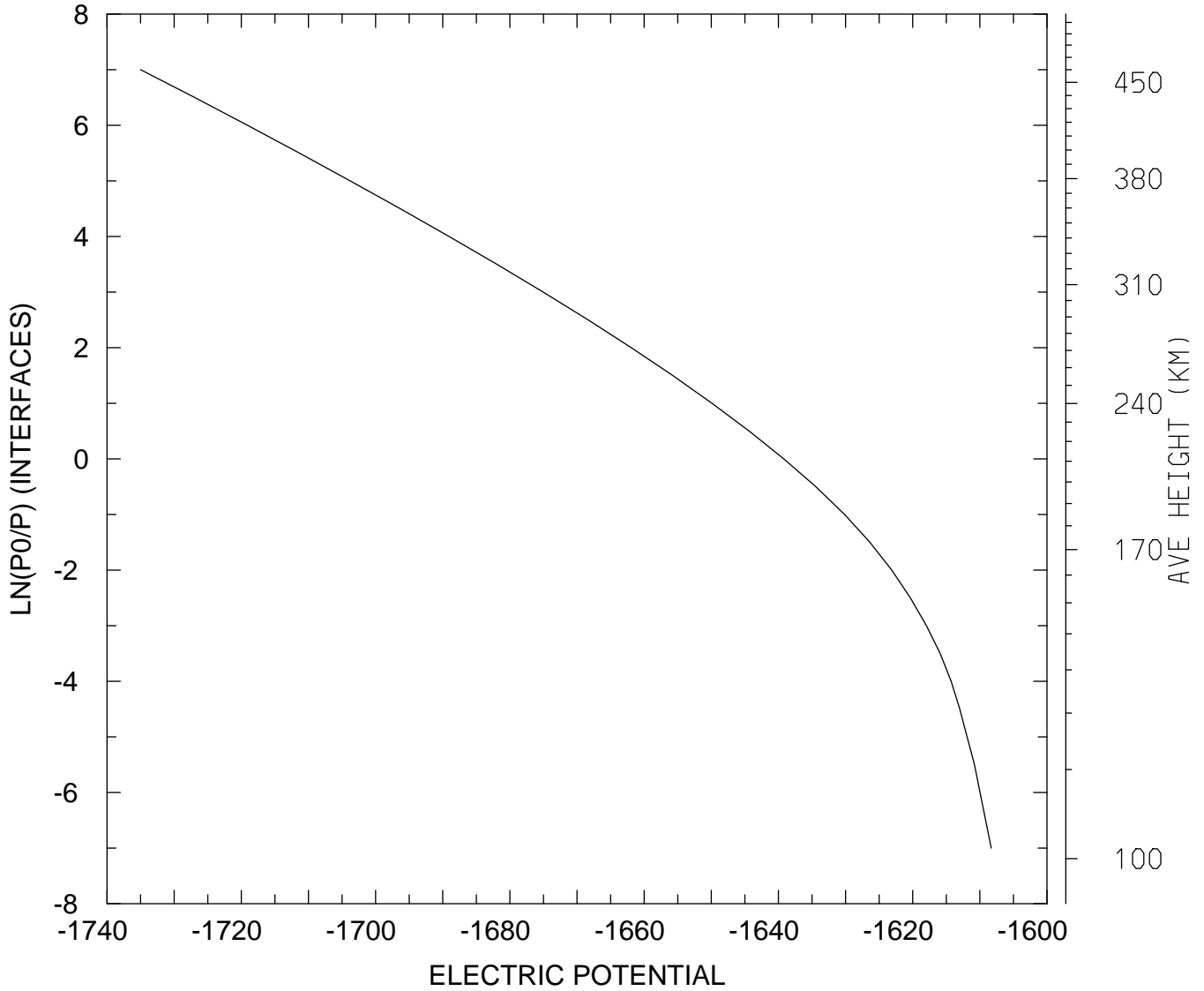
MIN,MAX= -5.8148E+02 -5.6283E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS)



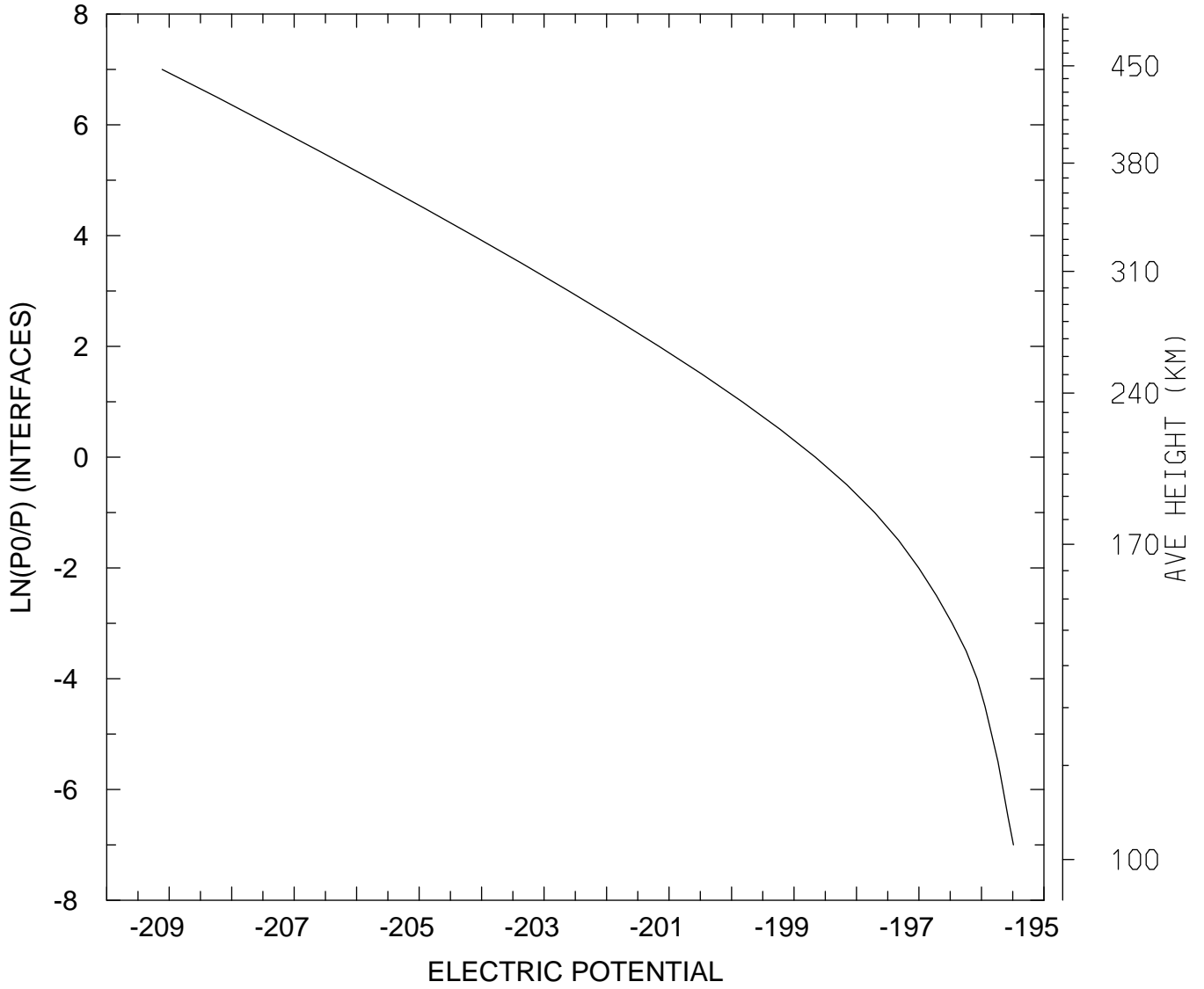
MIN,MAX= 6.1497E+02 6.4747E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



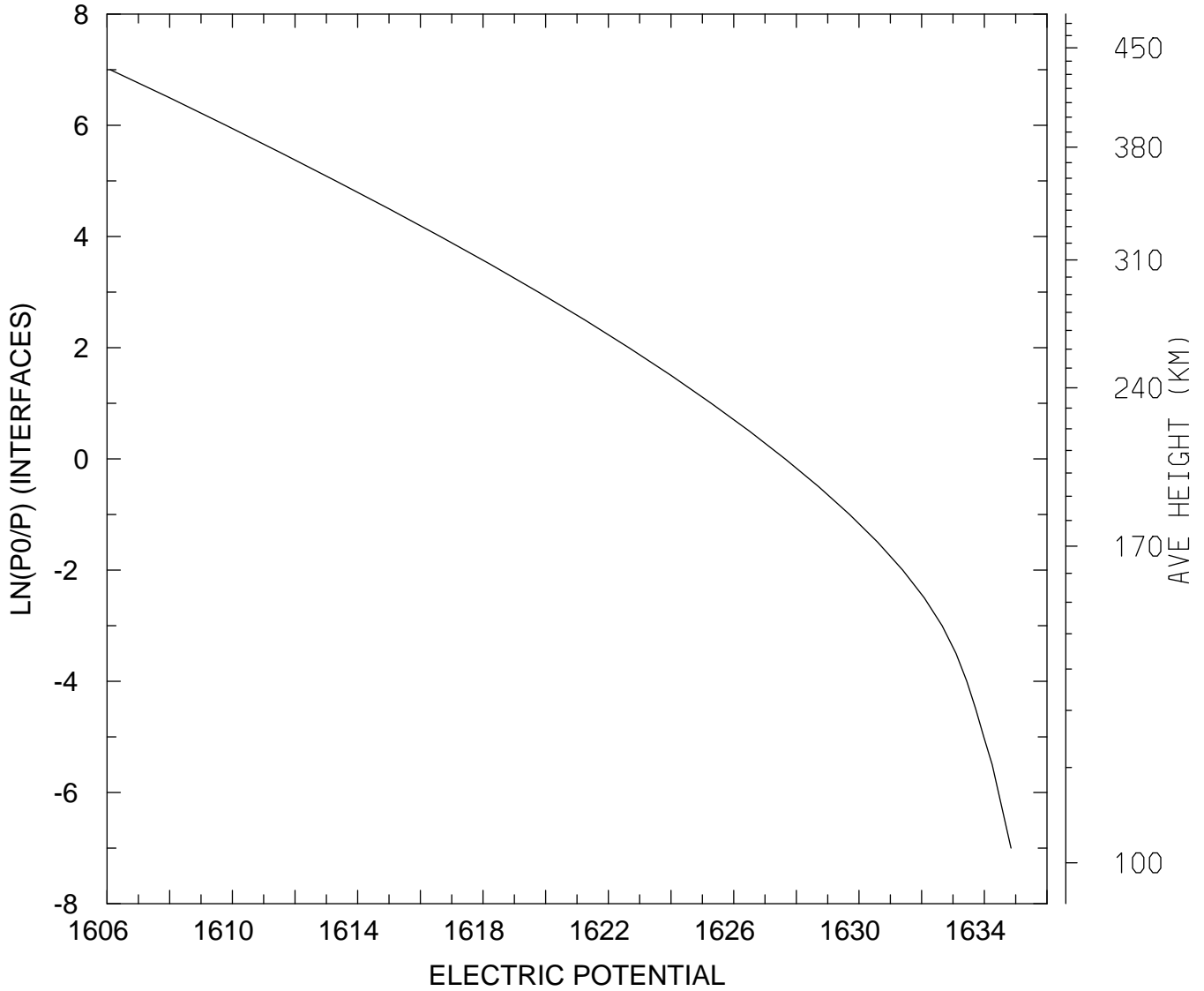
MIN,MAX= -1.7350E+03 -1.6083E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



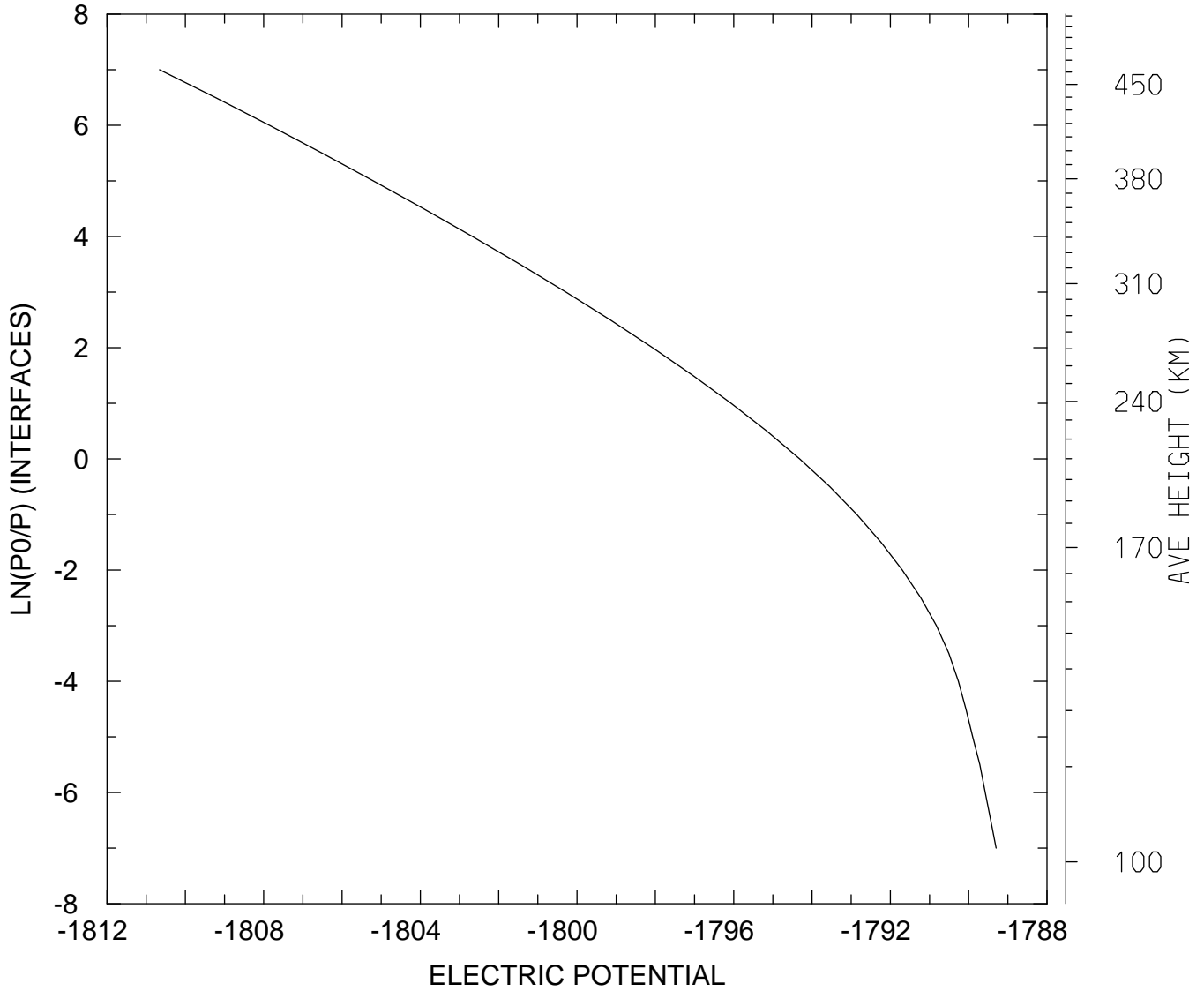
MIN,MAX= -2.0911E+02 -1.9549E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



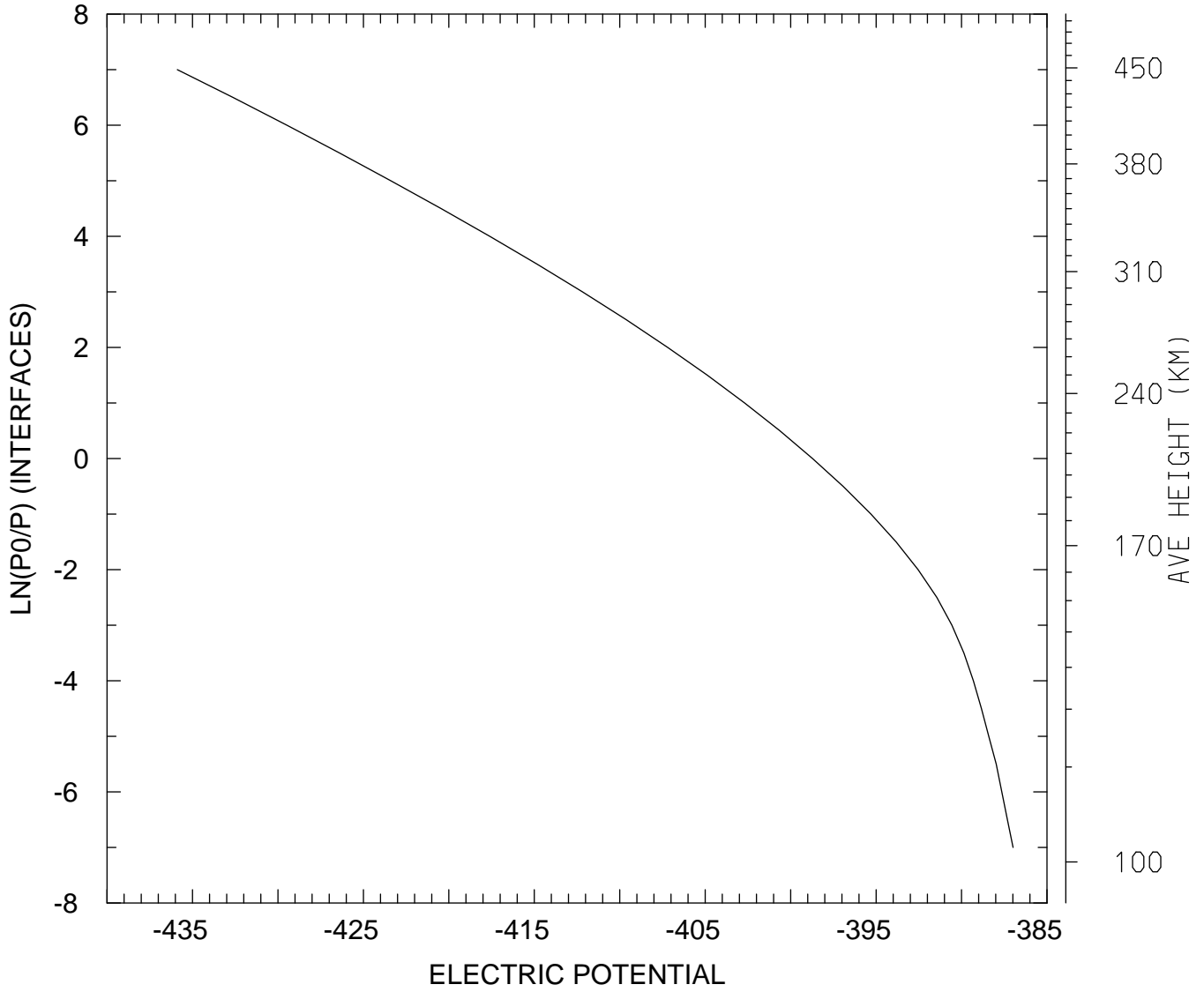
MIN,MAX= 1.6061E+03 1.6348E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



MIN,MAX= -1.8107E+03 -1.7893E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

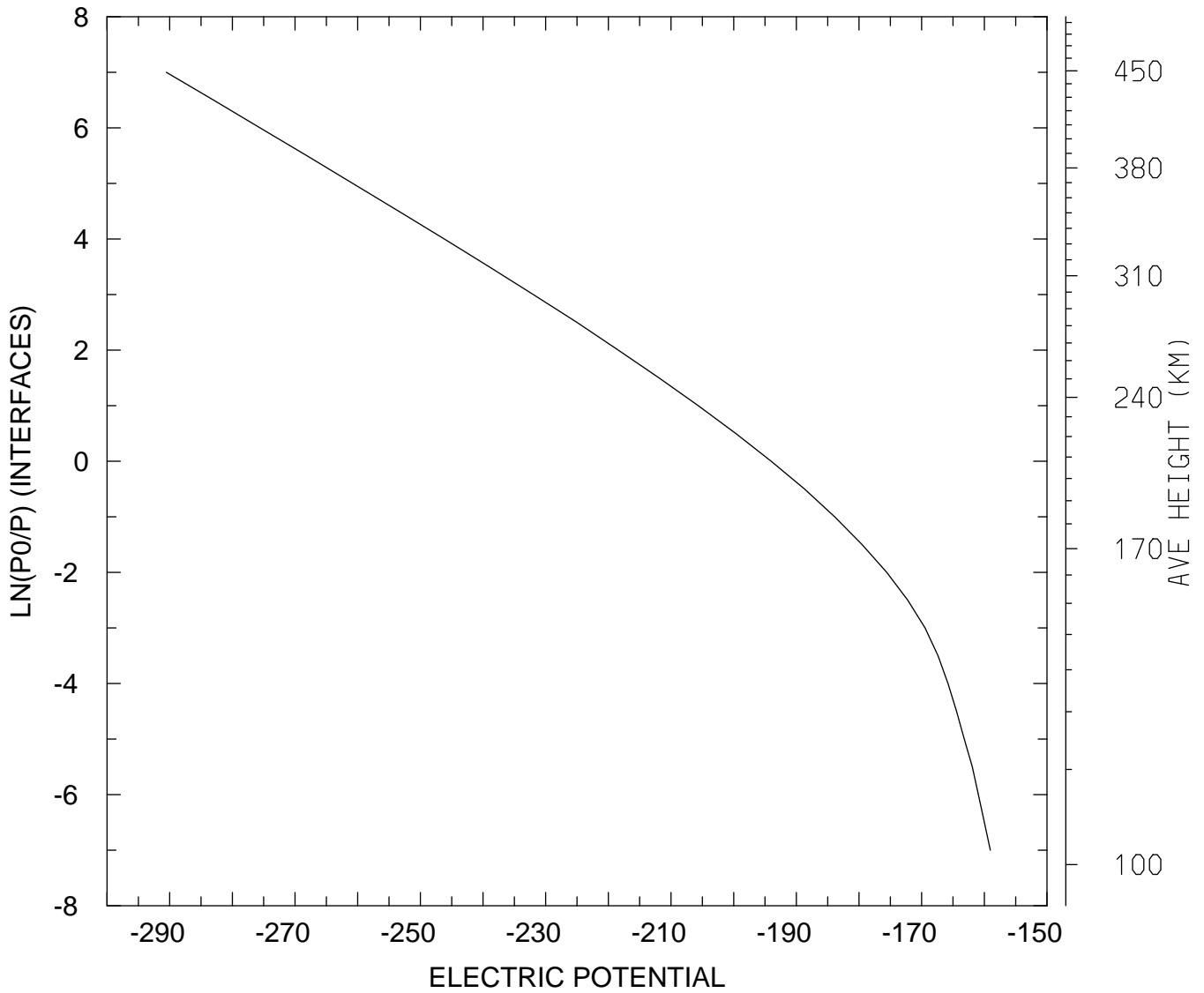
ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



MIN,MAX= -4.3589E+02 -3.8699E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

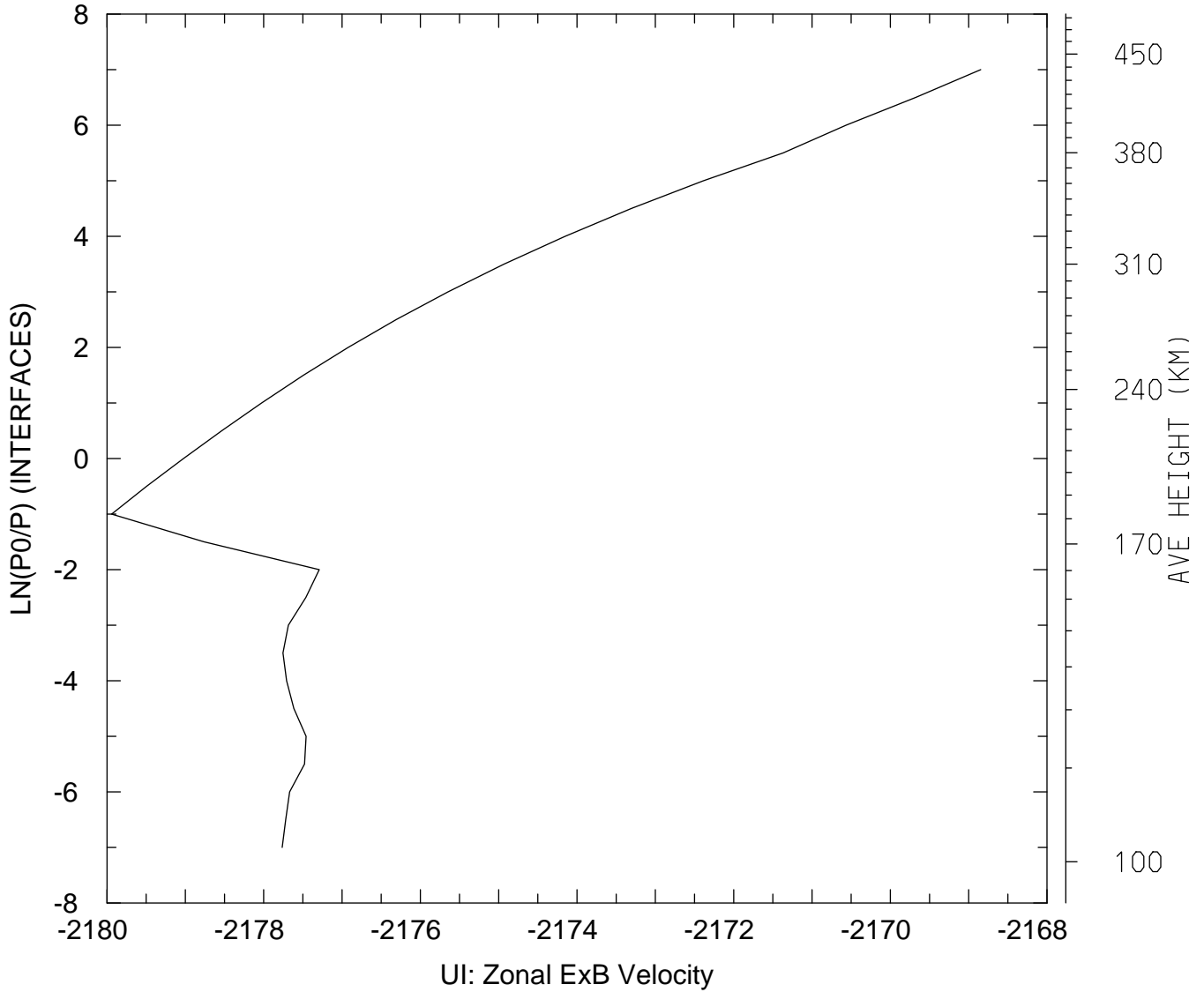


ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 GLOBAL MEANS



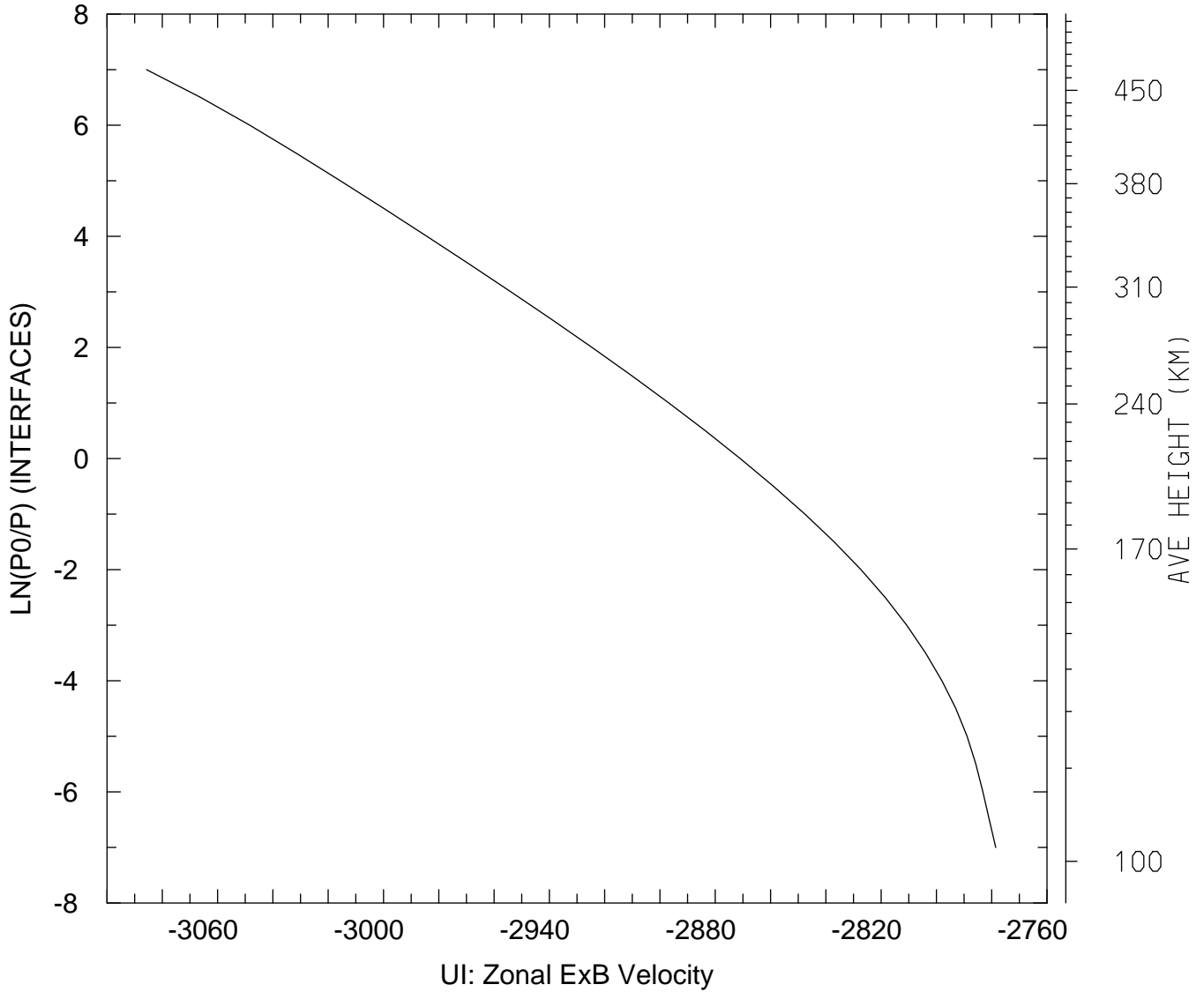
MIN,MAX= -2.9053E+02 -1.5904E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS)



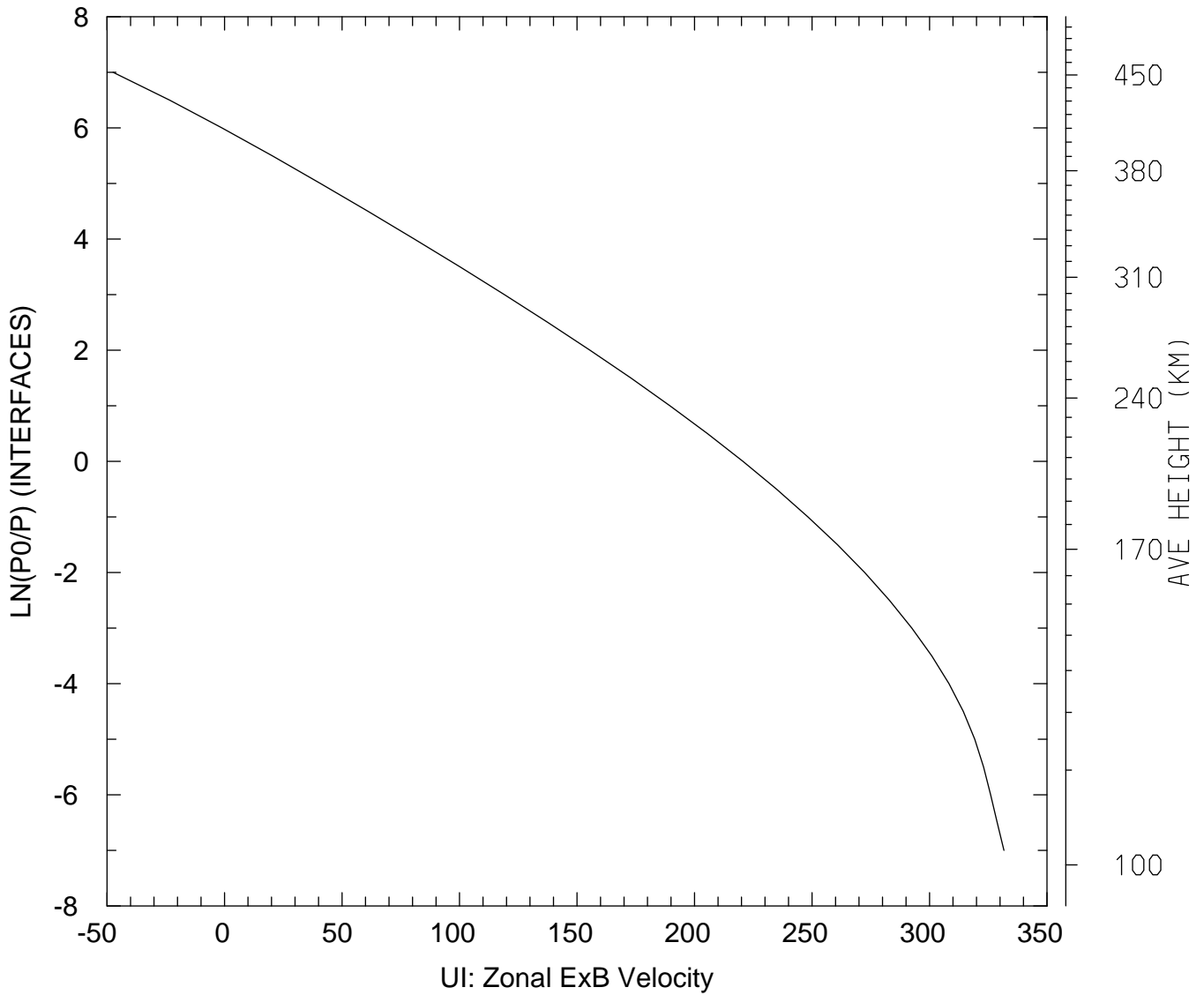
MIN,MAX= -2.1799E+03 -2.1688E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



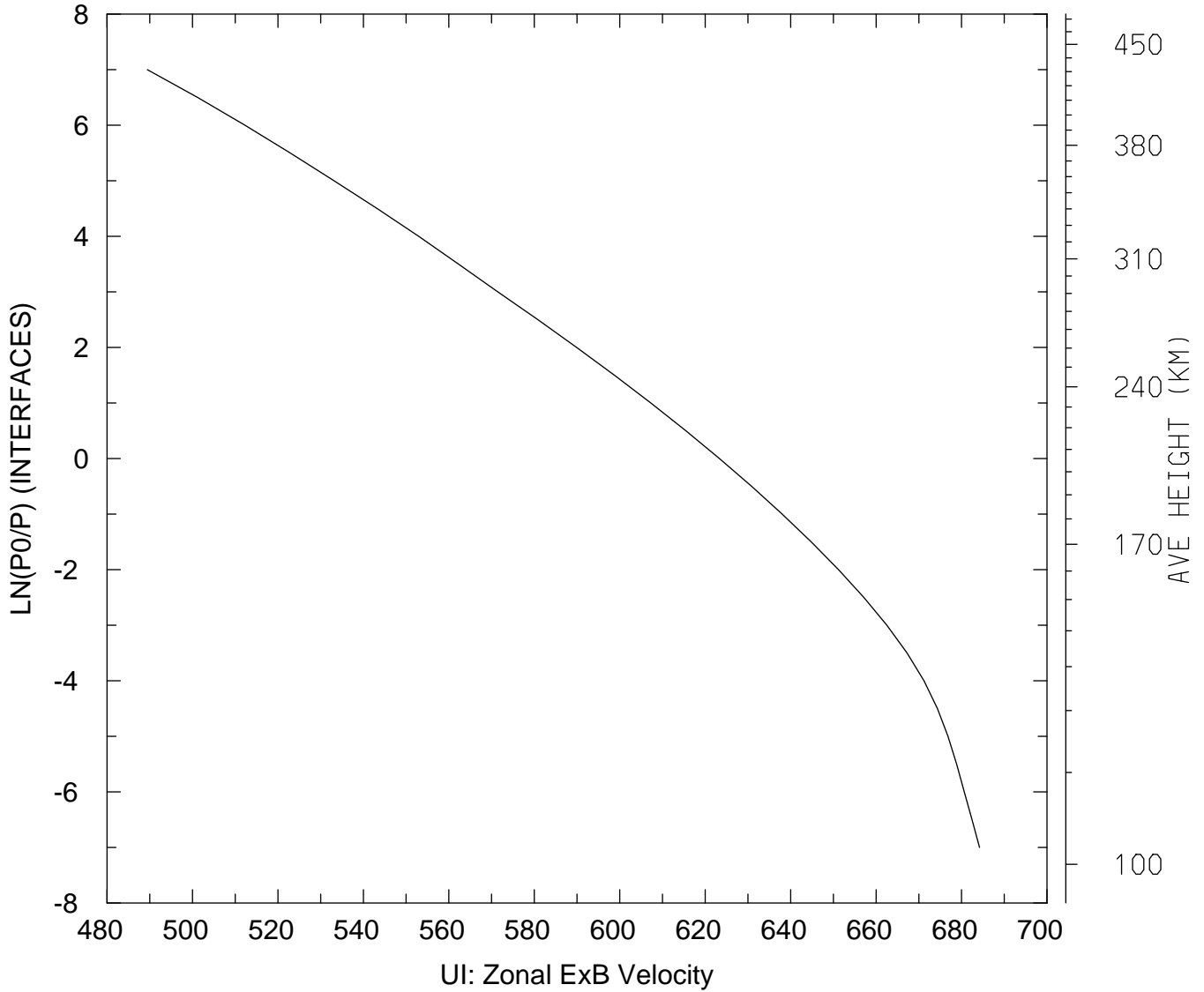
MIN,MAX= -3.0857E+03 -2.7786E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



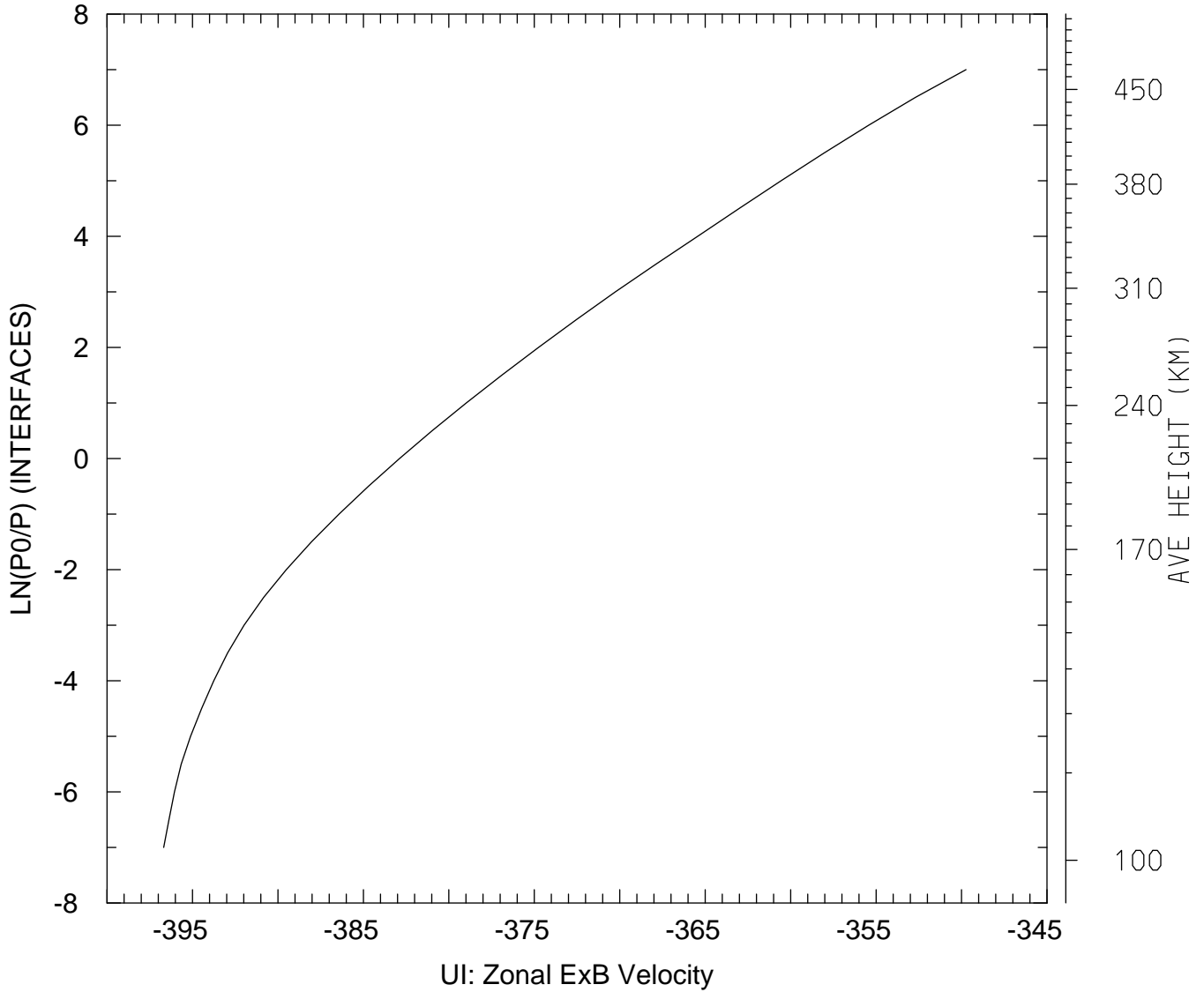
MIN,MAX= -4.7384E+01 3.3167E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS)



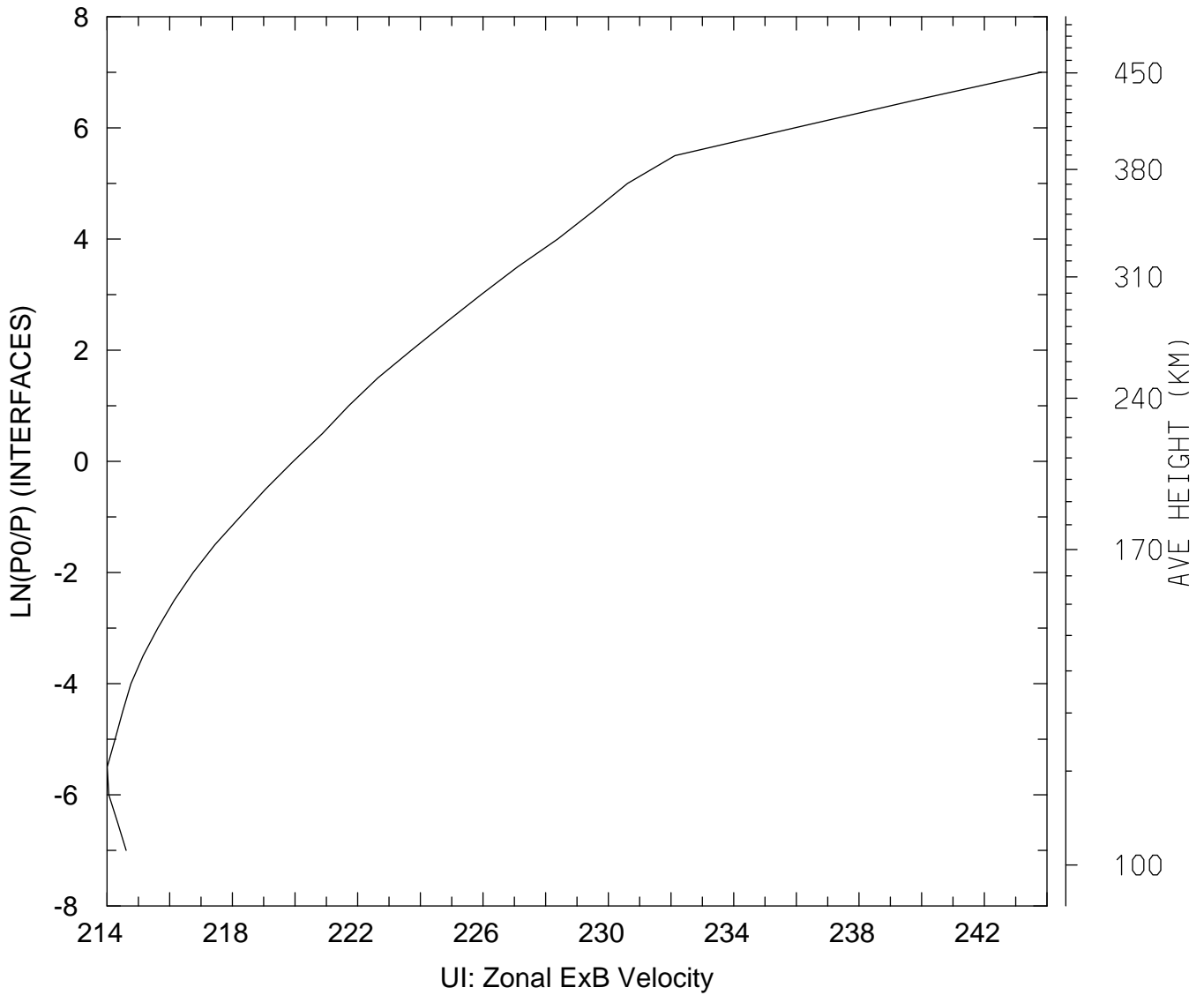
MIN,MAX= 4.8944E+02 6.8420E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS)



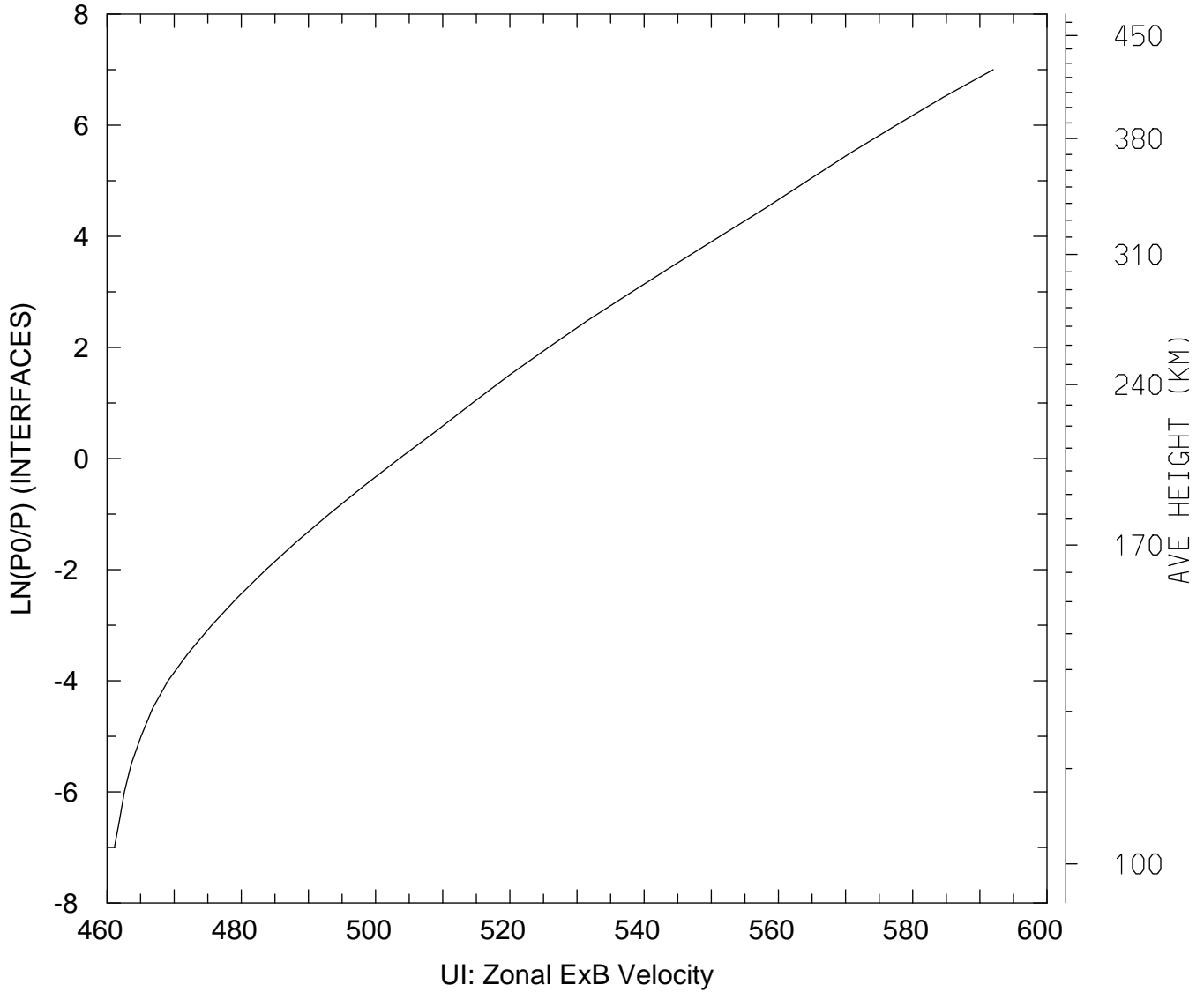
MIN,MAX= -3.9669E+02 -3.4974E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



MIN,MAX= 2.1401E+02 2.4382E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

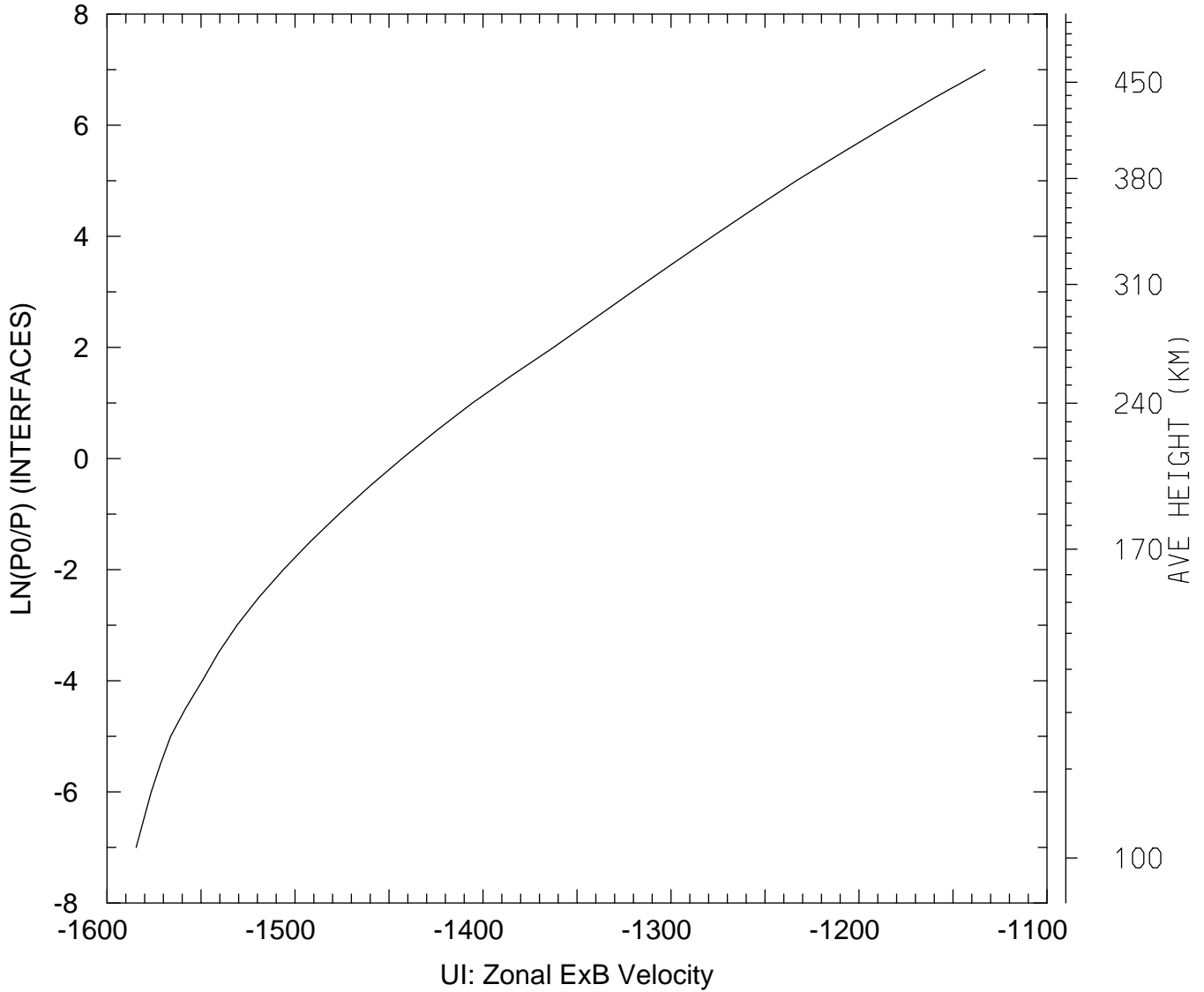
UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS)



MIN,MAX= 4.6110E+02 5.9200E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

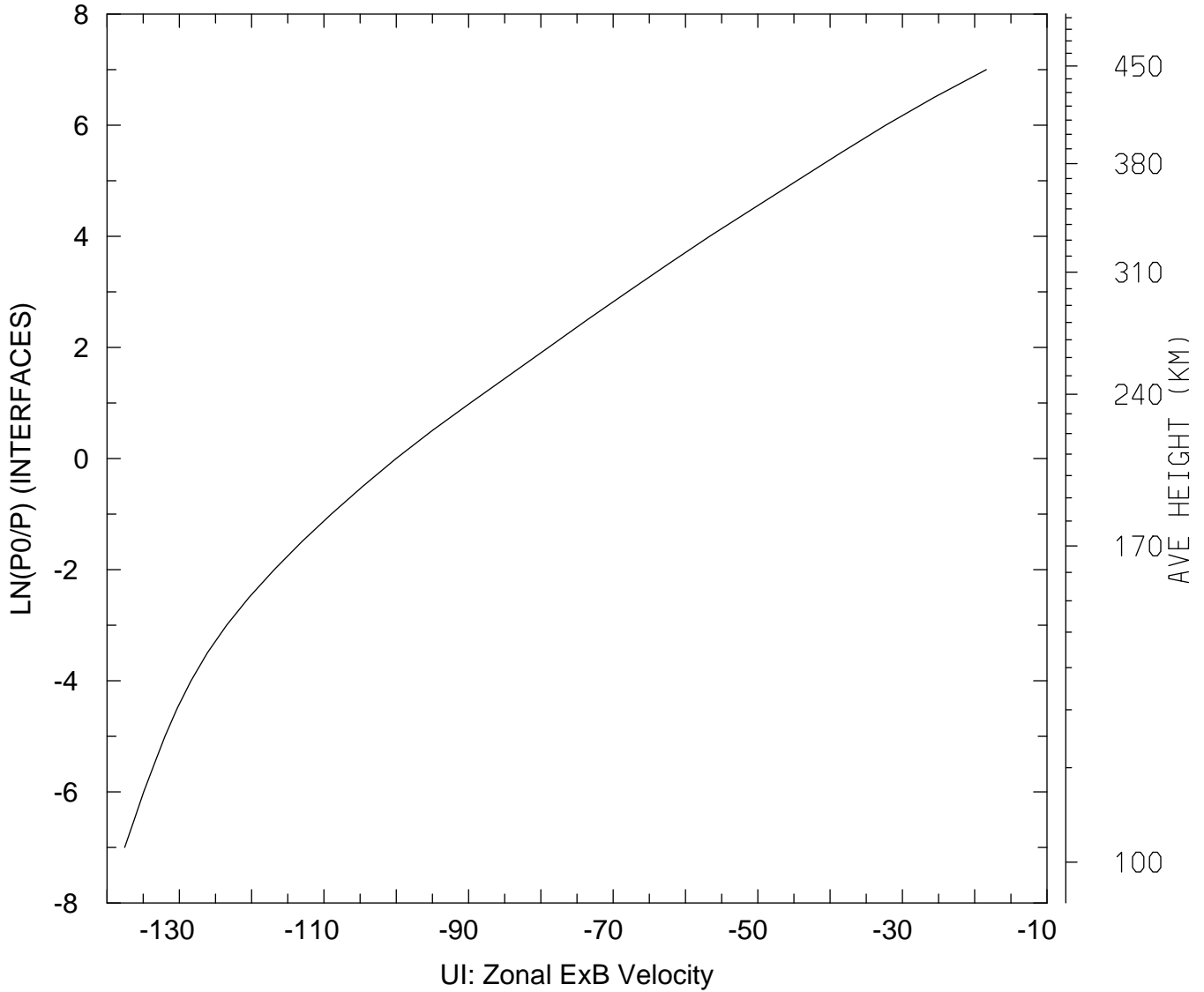


UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS)



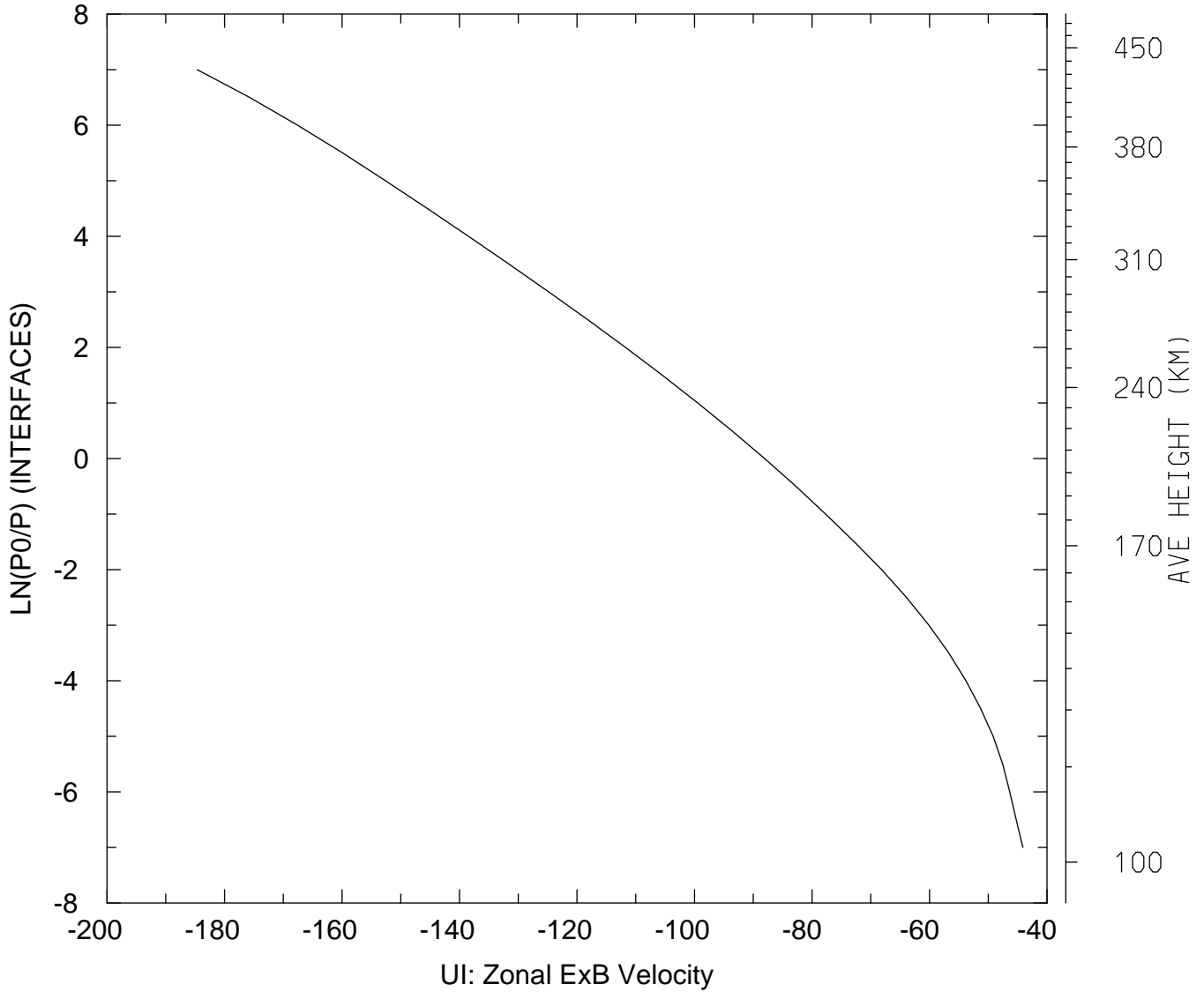
MIN,MAX= -1.5845E+03 -1.1330E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



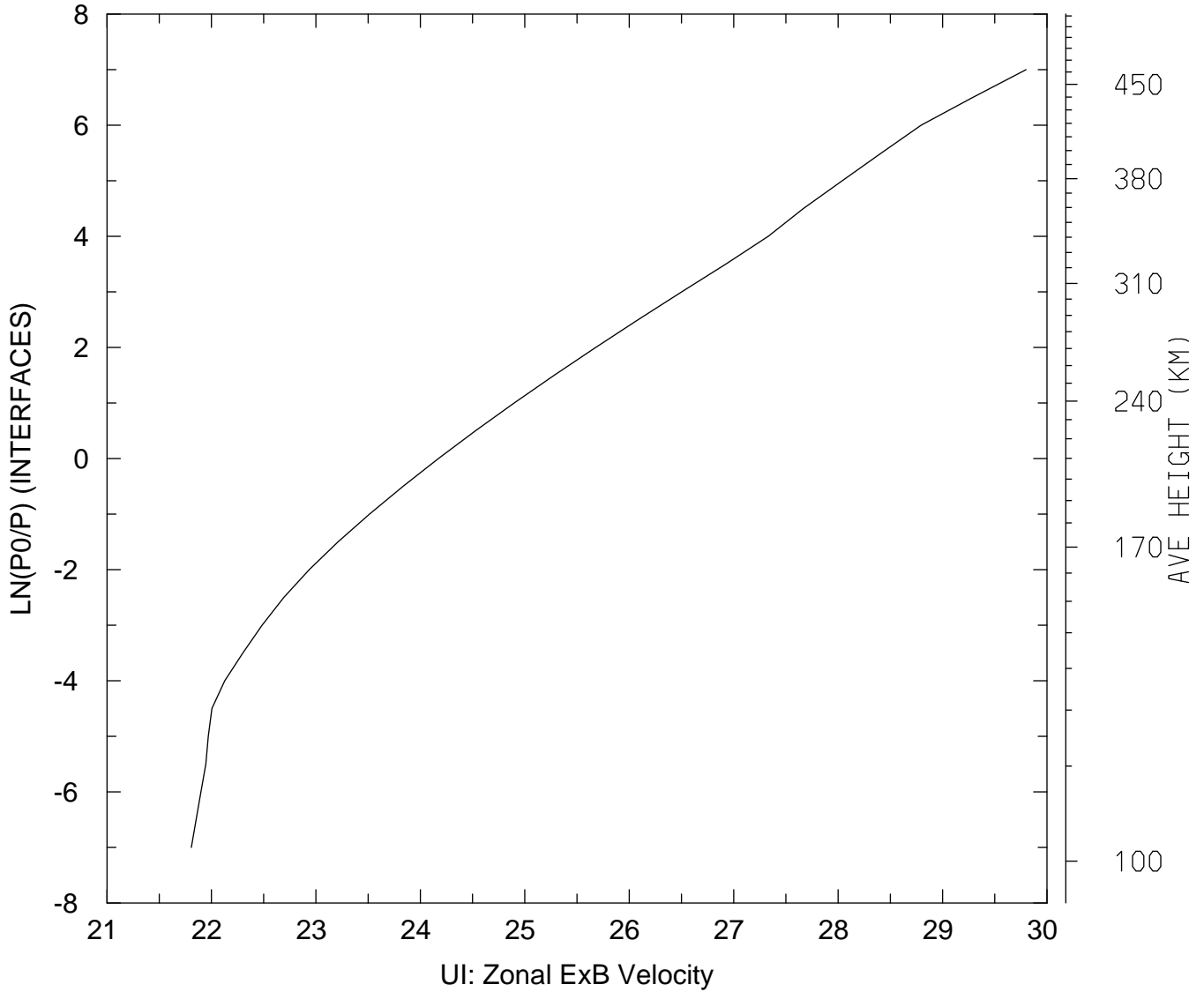
MIN,MAX= -1.3756E+02 -1.8393E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS)



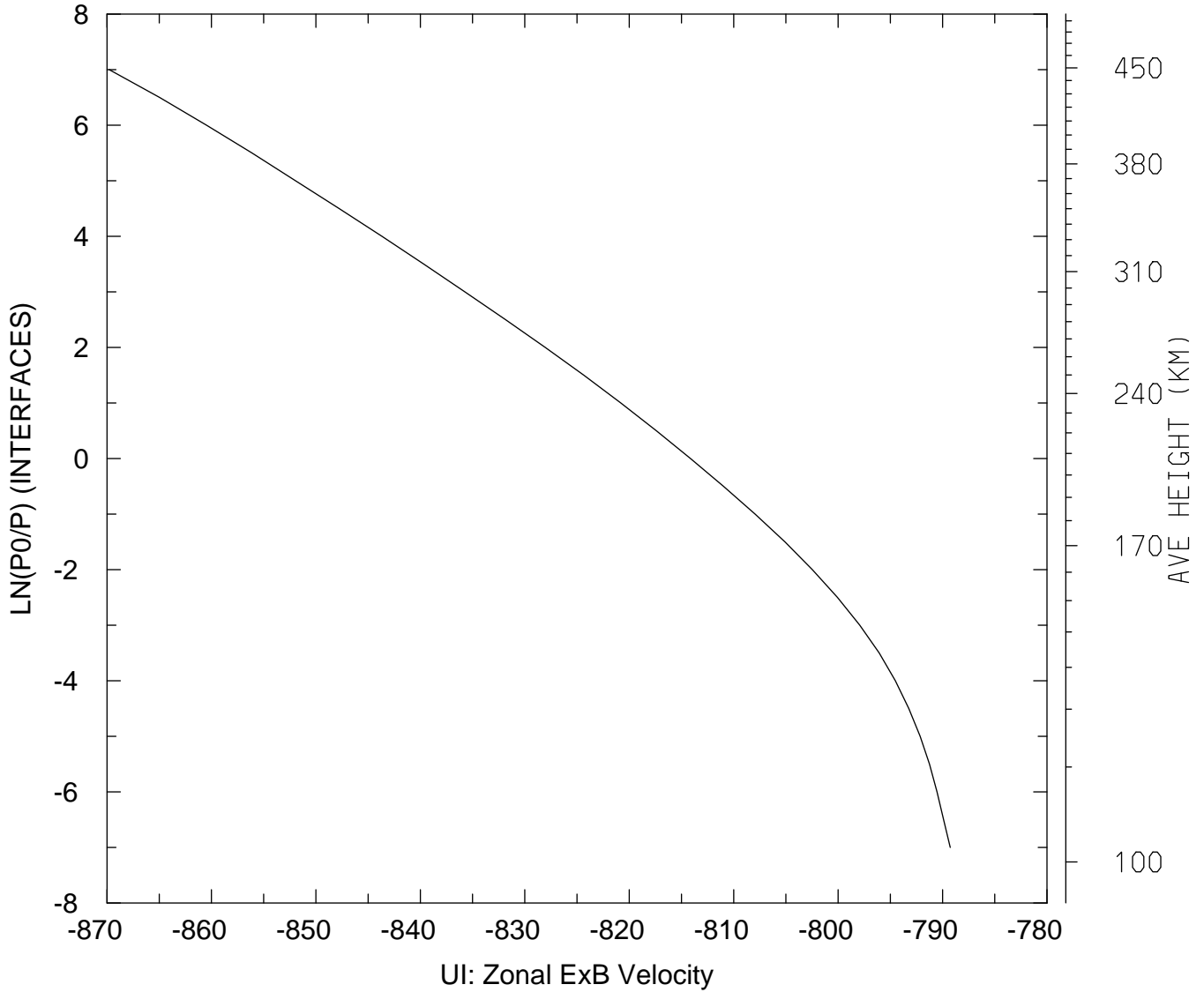
MIN,MAX= -1.8466E+02 -4.4105E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS)



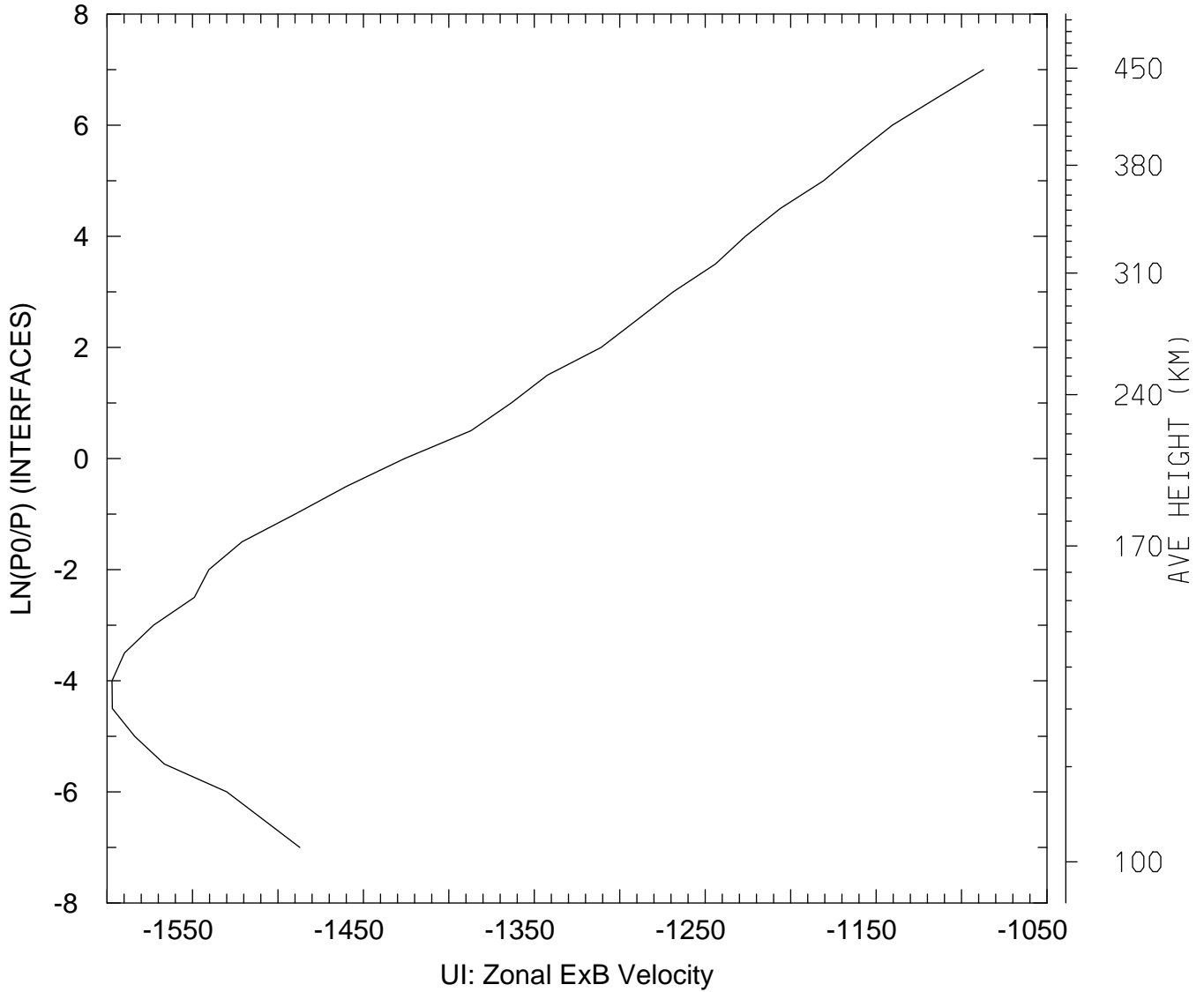
MIN,MAX= 2.1807E+01 2.9800E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



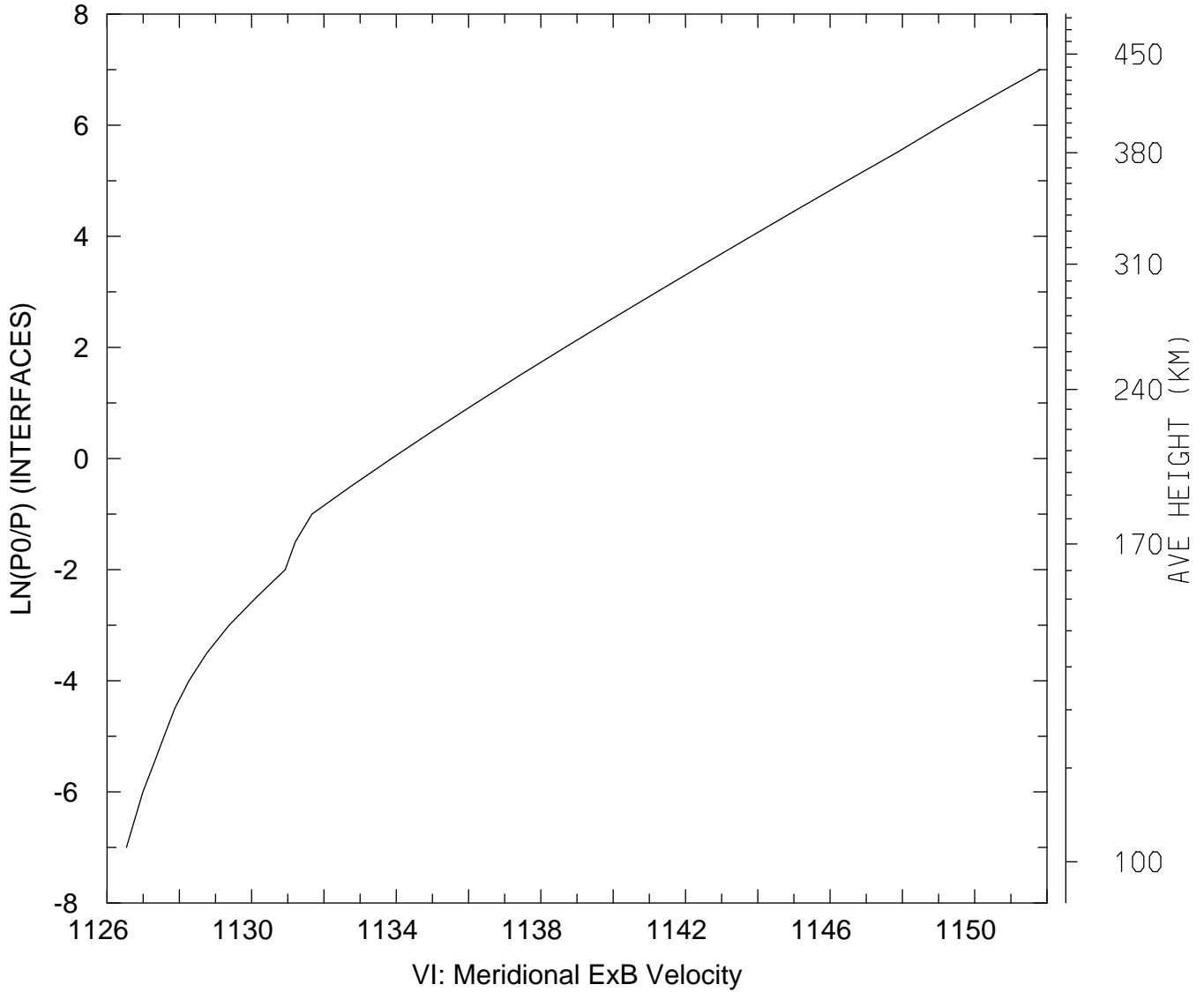
MIN,MAX= -8.6980E+02 -7.8927E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 GLOBAL MEANS



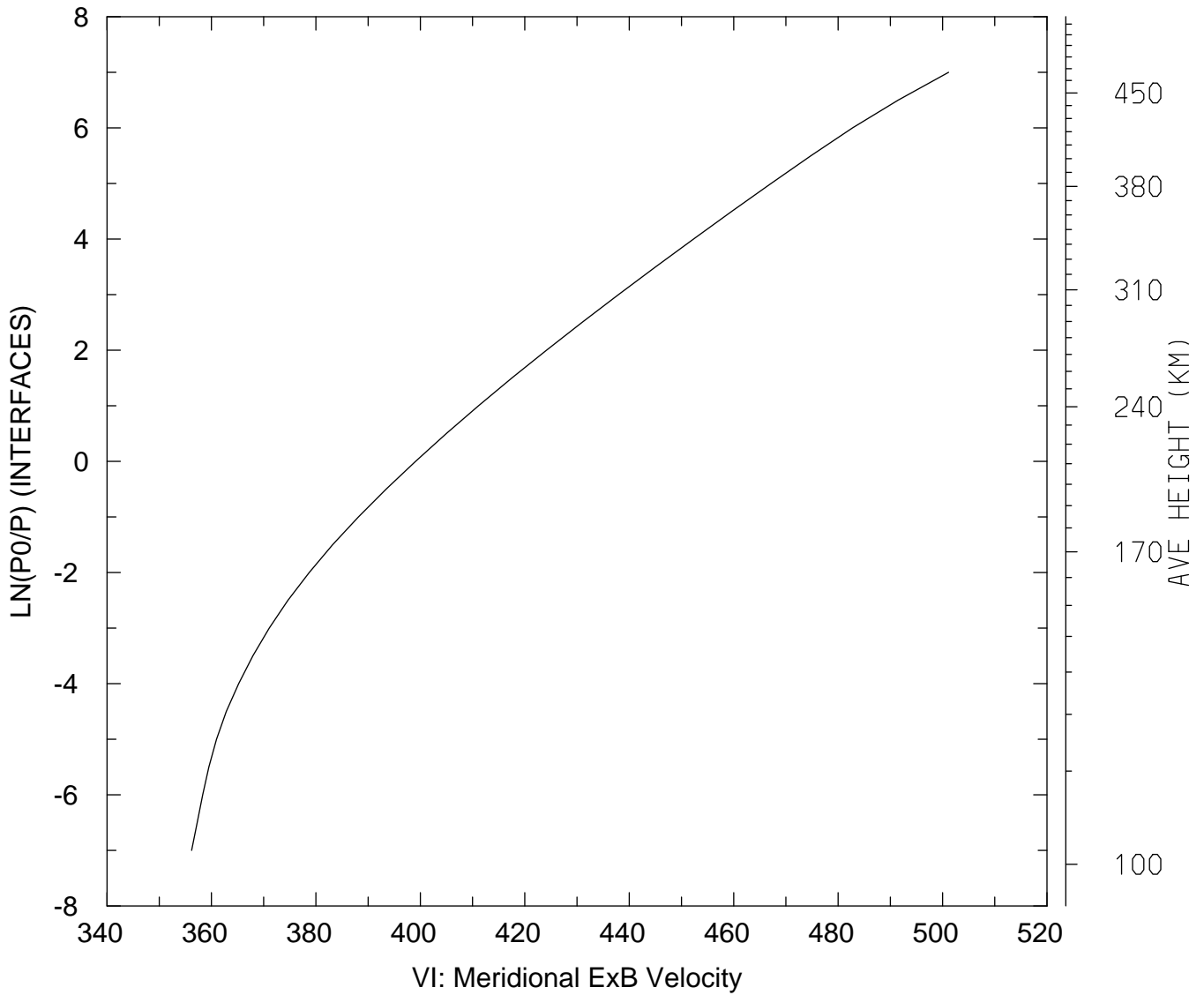
MIN,MAX= -1.5971E+03 -1.0871E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



MIN,MAX= 1.1265E+03 1.1518E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

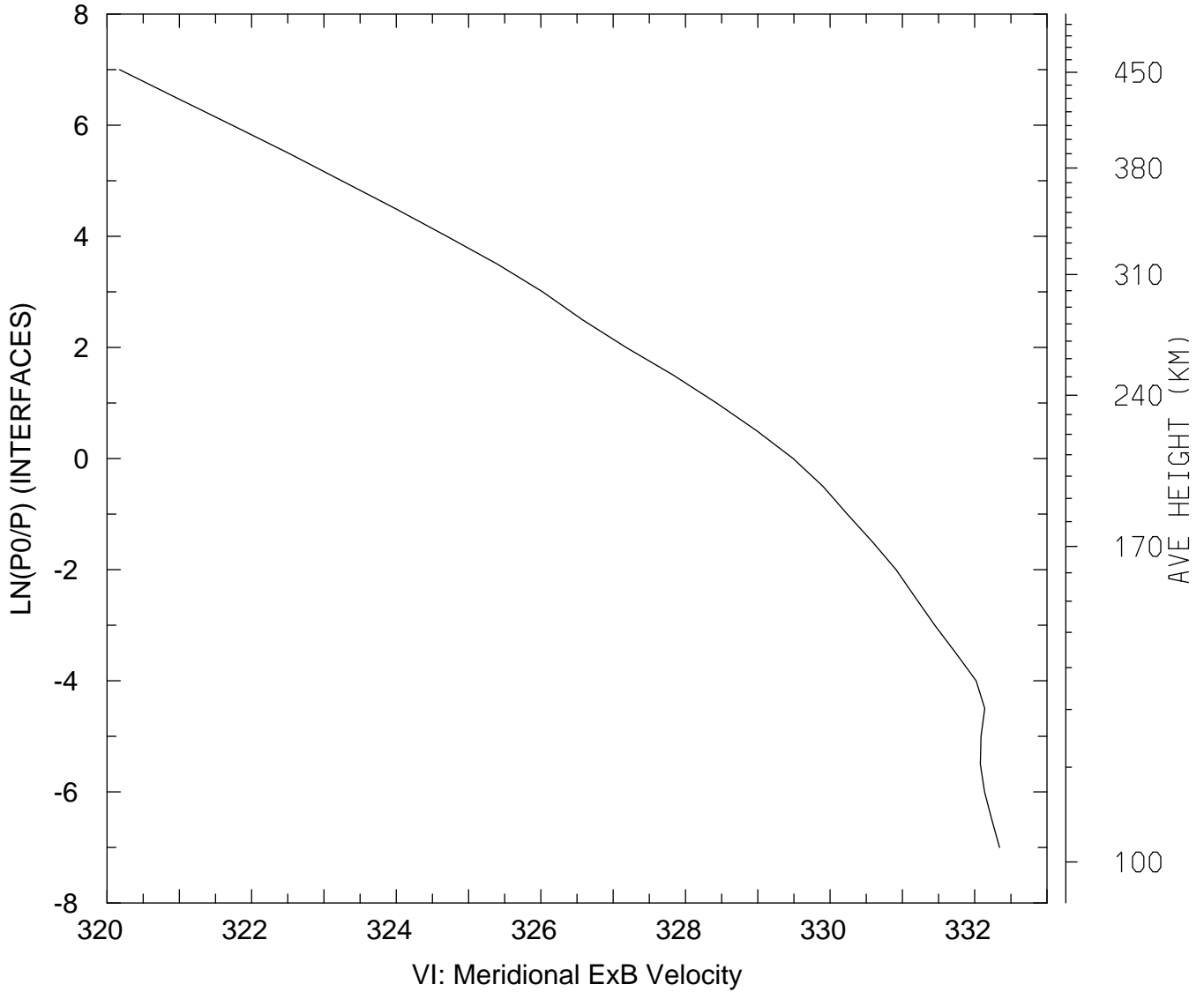
VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



MIN,MAX= 3.5619E+02 5.0114E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

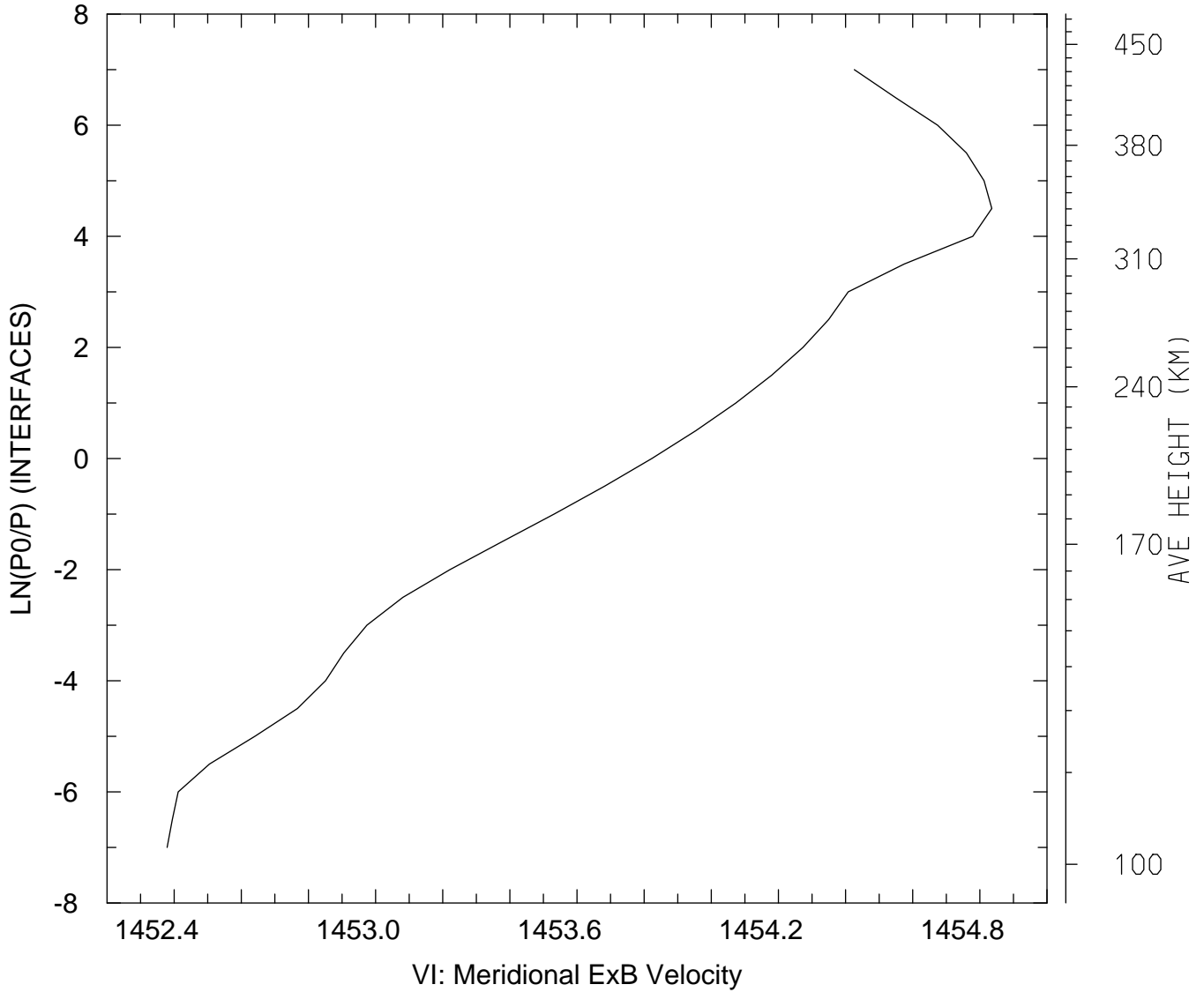


VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



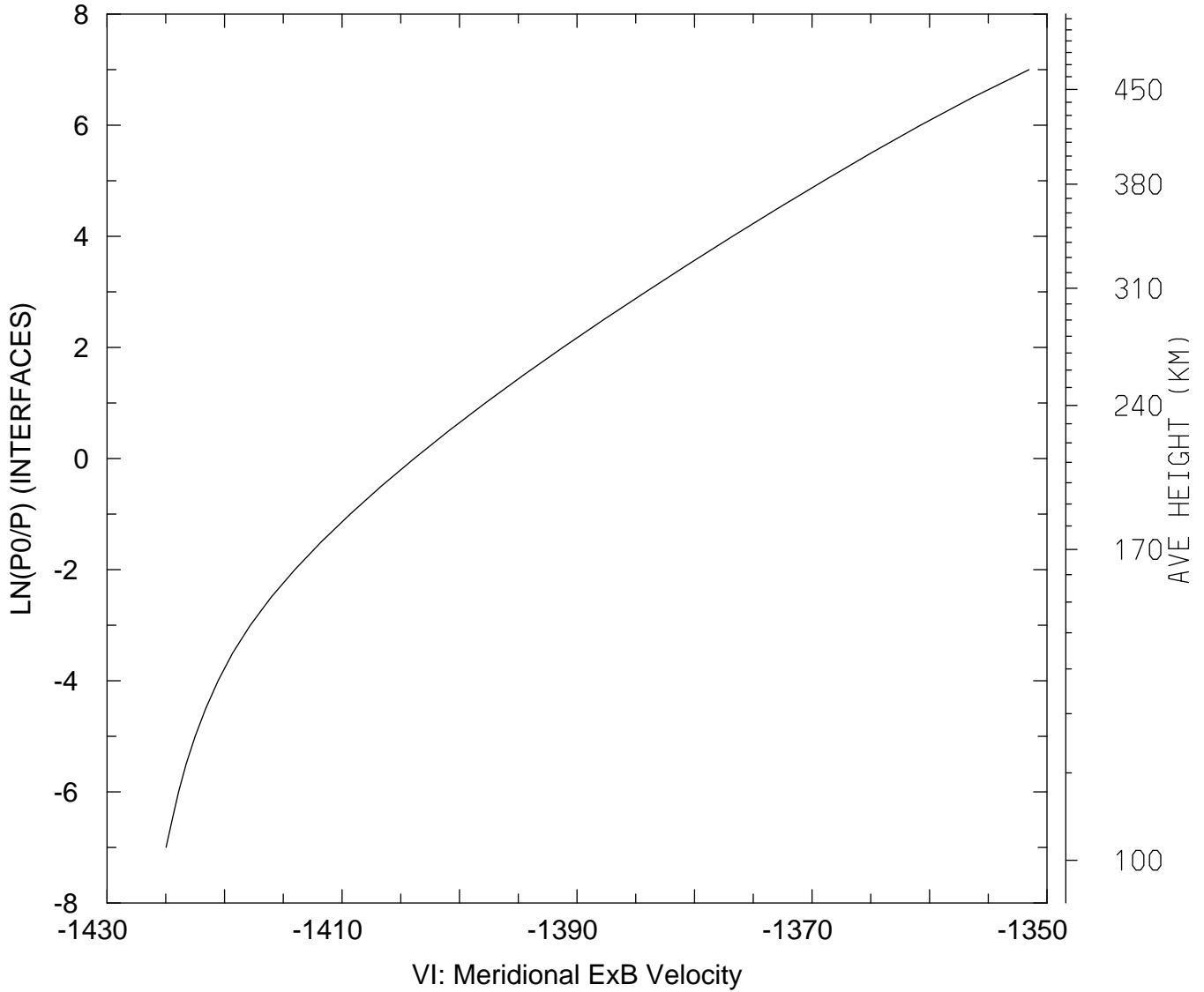
MIN,MAX= 3.2017E+02 3.3234E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



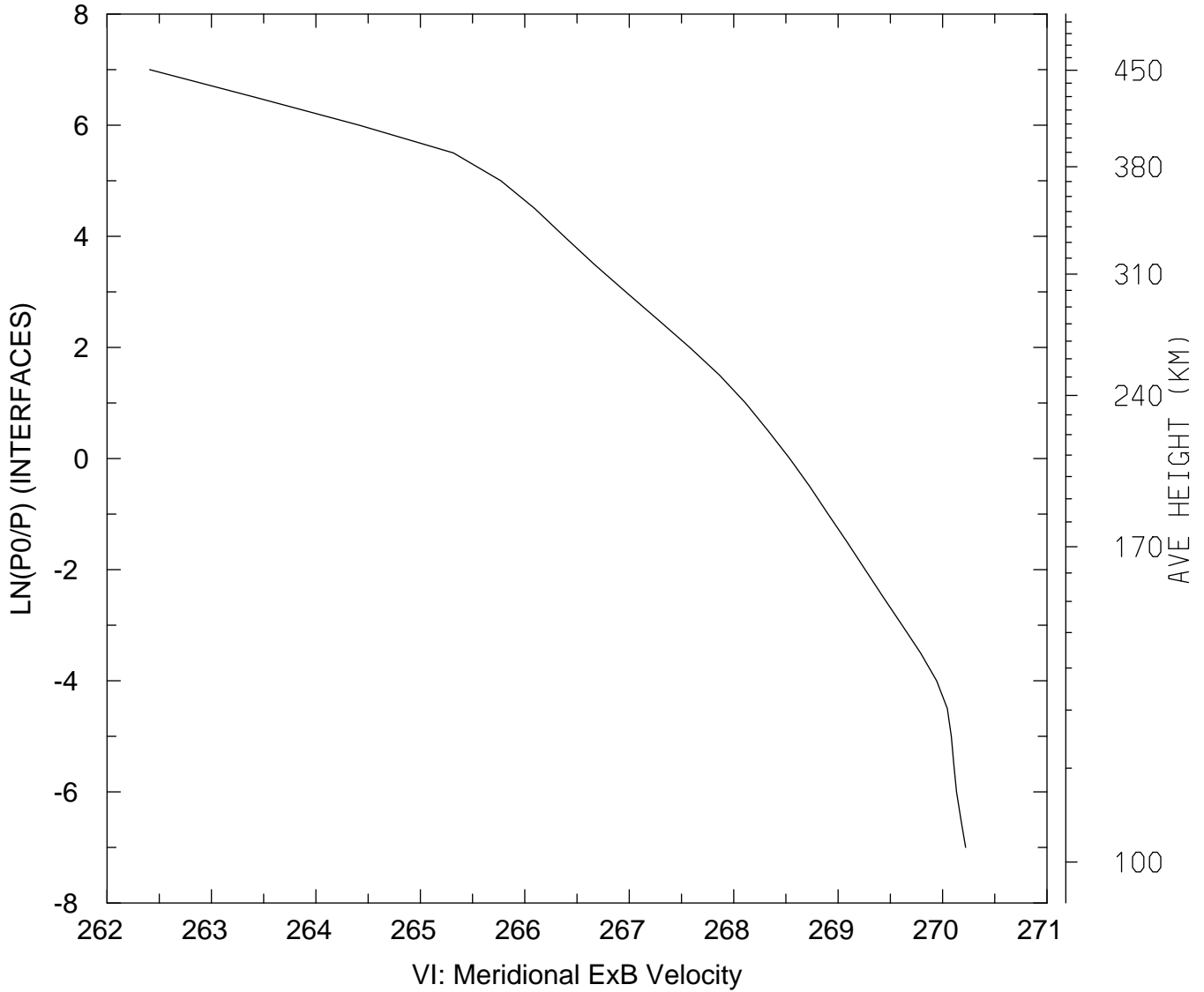
MIN,MAX= 1.4524E+03 1.4548E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



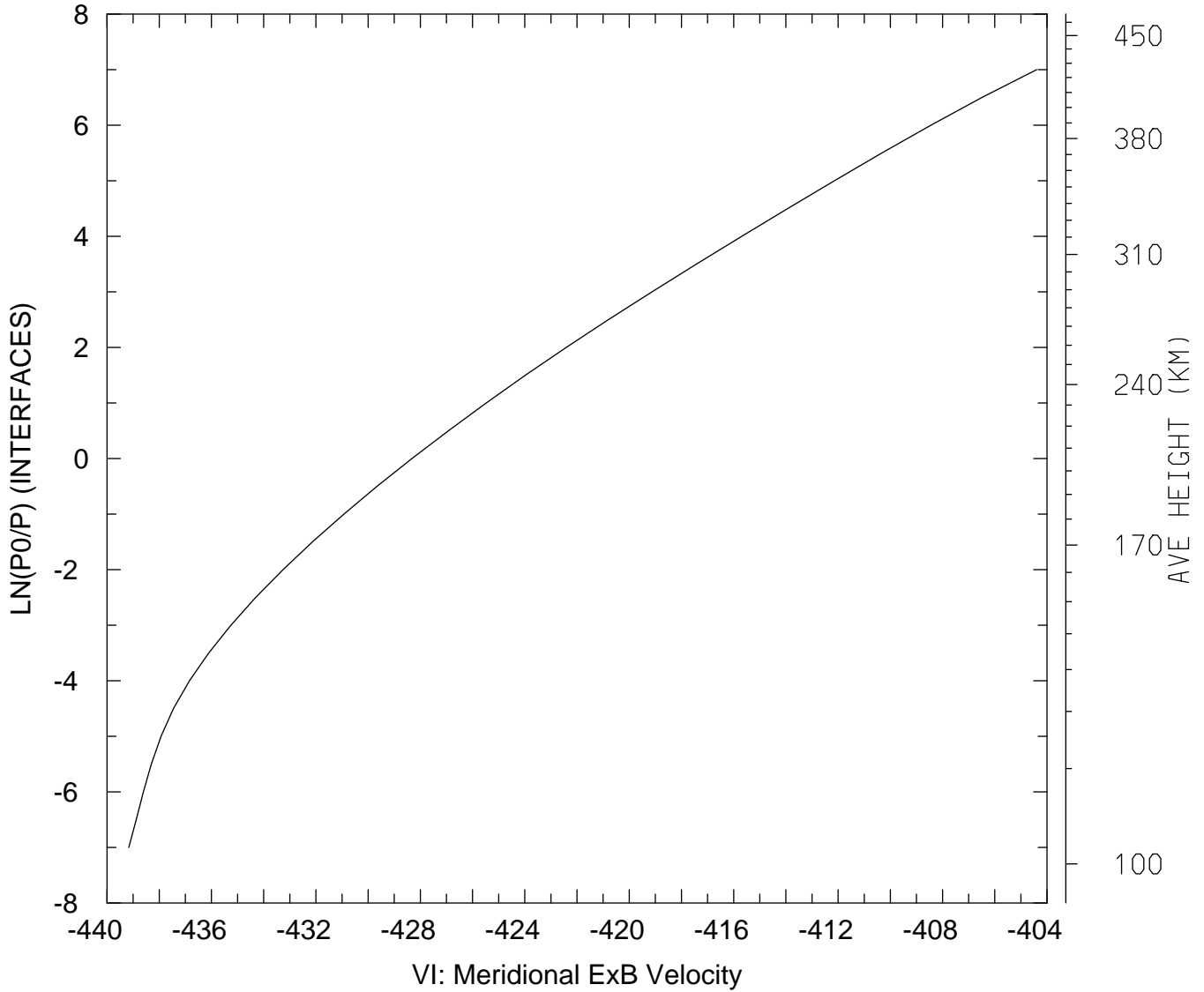
MIN,MAX= -1.4250E+03 -1.3515E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



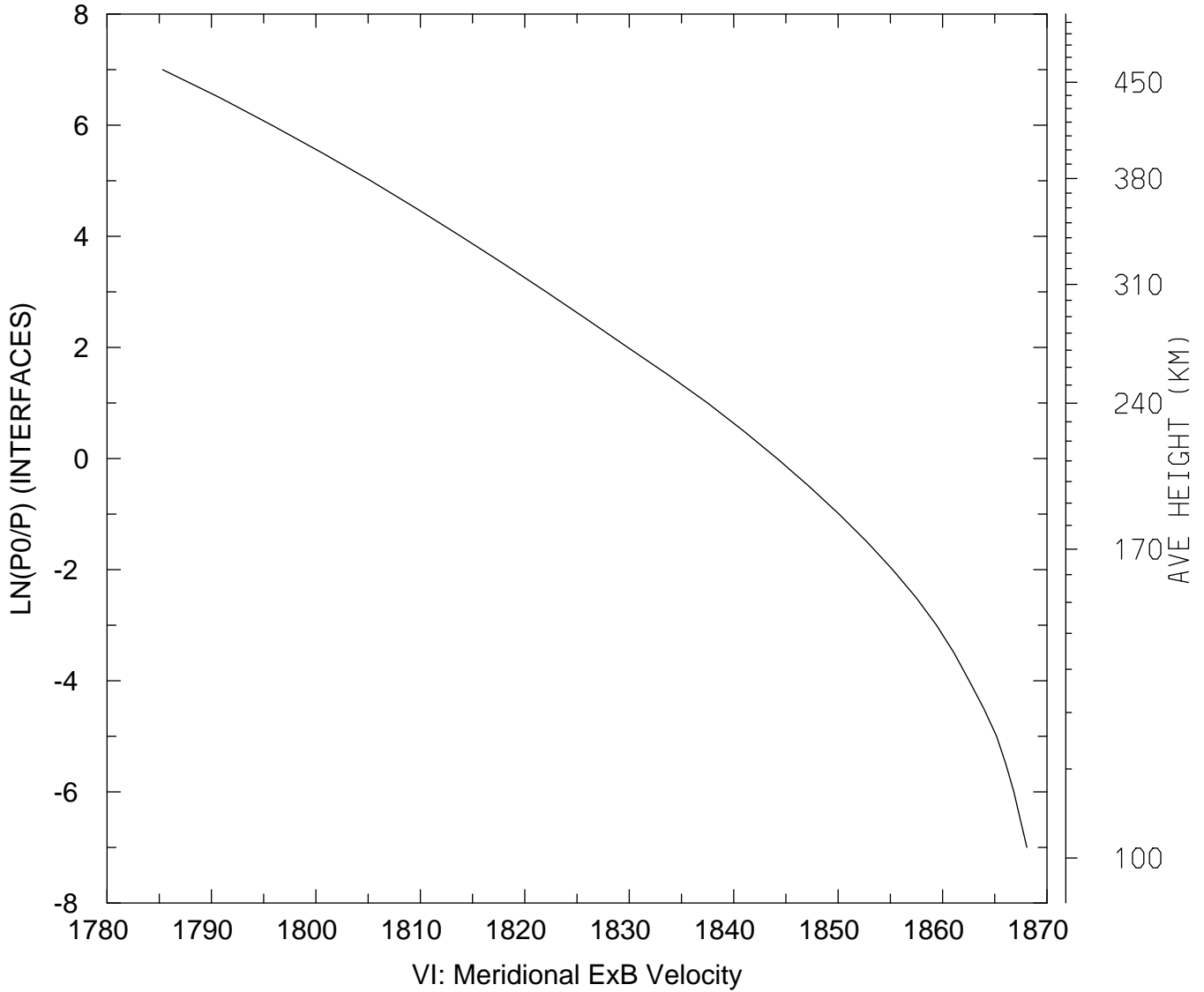
MIN,MAX= 2.6241E+02 2.7022E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



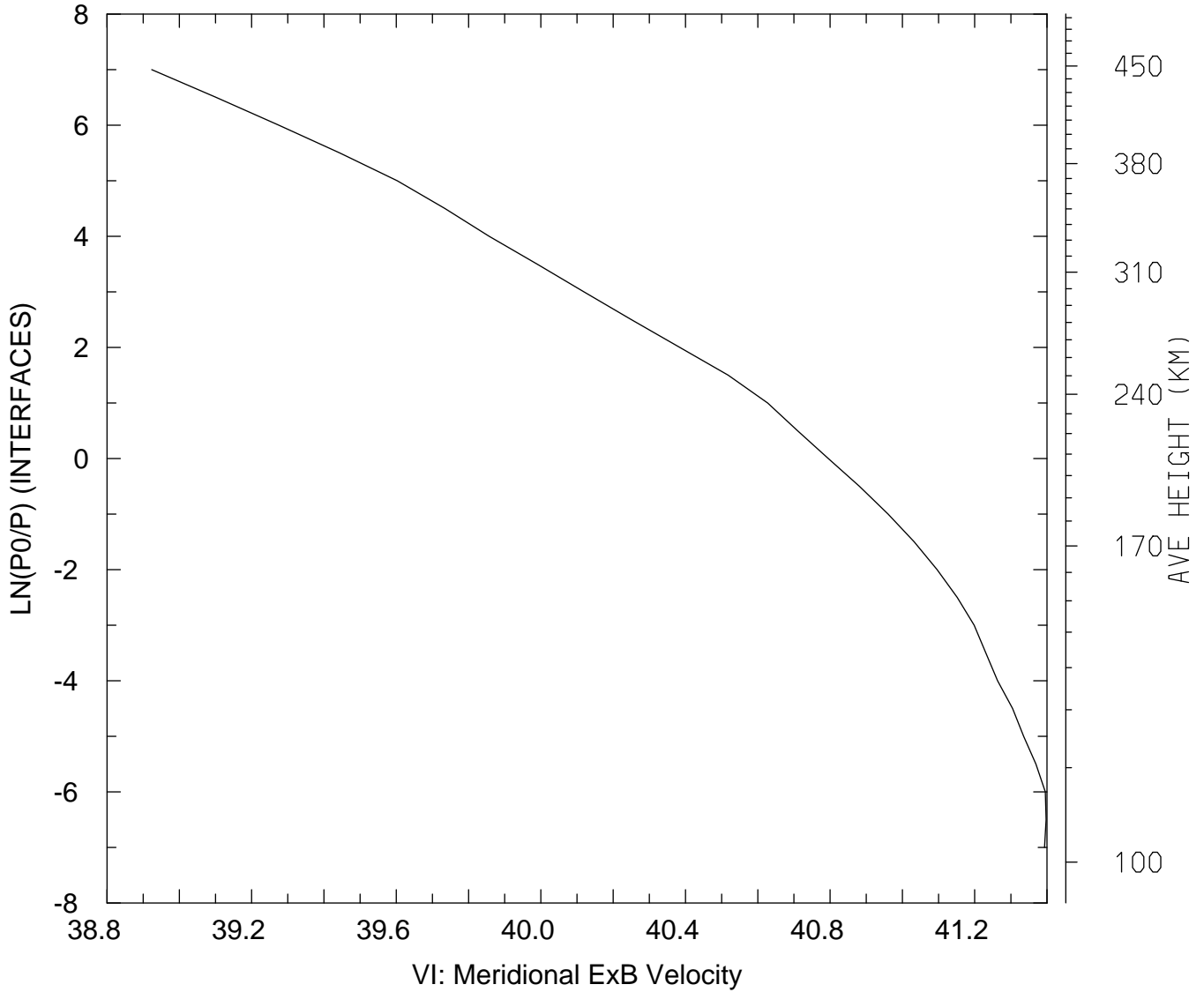
MIN,MAX= -4.3917E+02 -4.0440E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



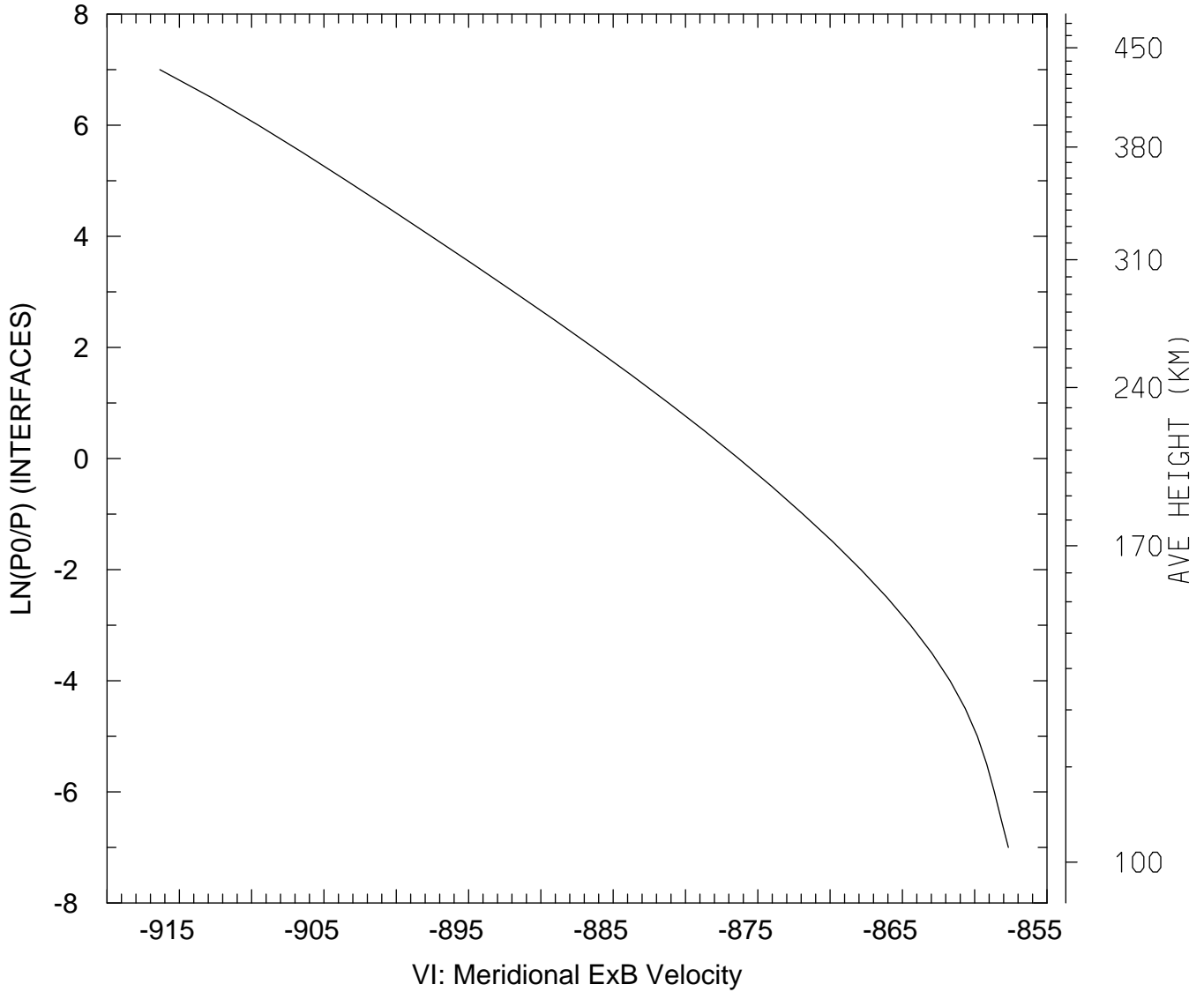
MIN,MAX= 1.7853E+03 1.8681E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



MIN,MAX= 3.8924E+01 4.1397E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

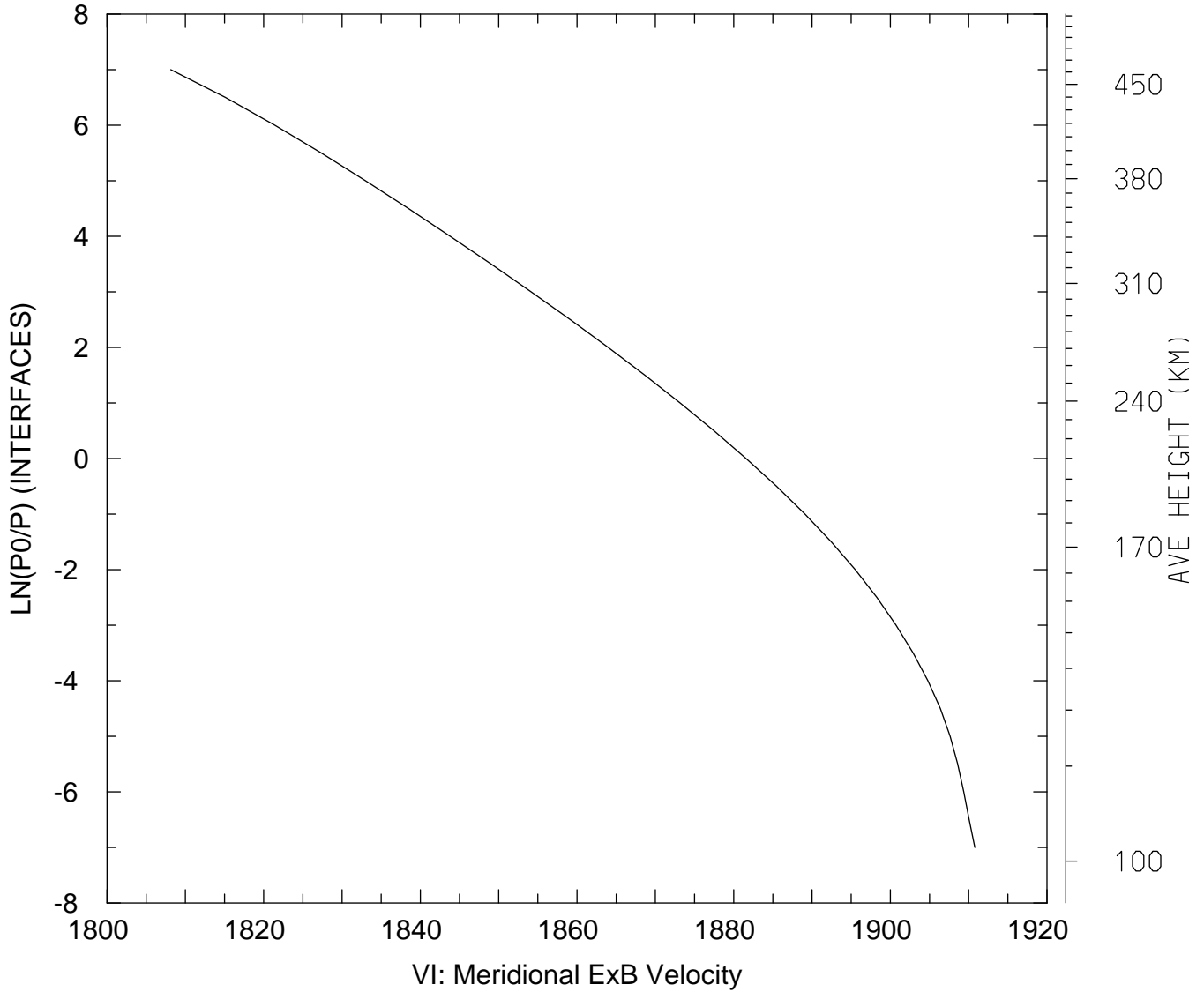
VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



MIN,MAX= -9.1635E+02 -8.5767E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

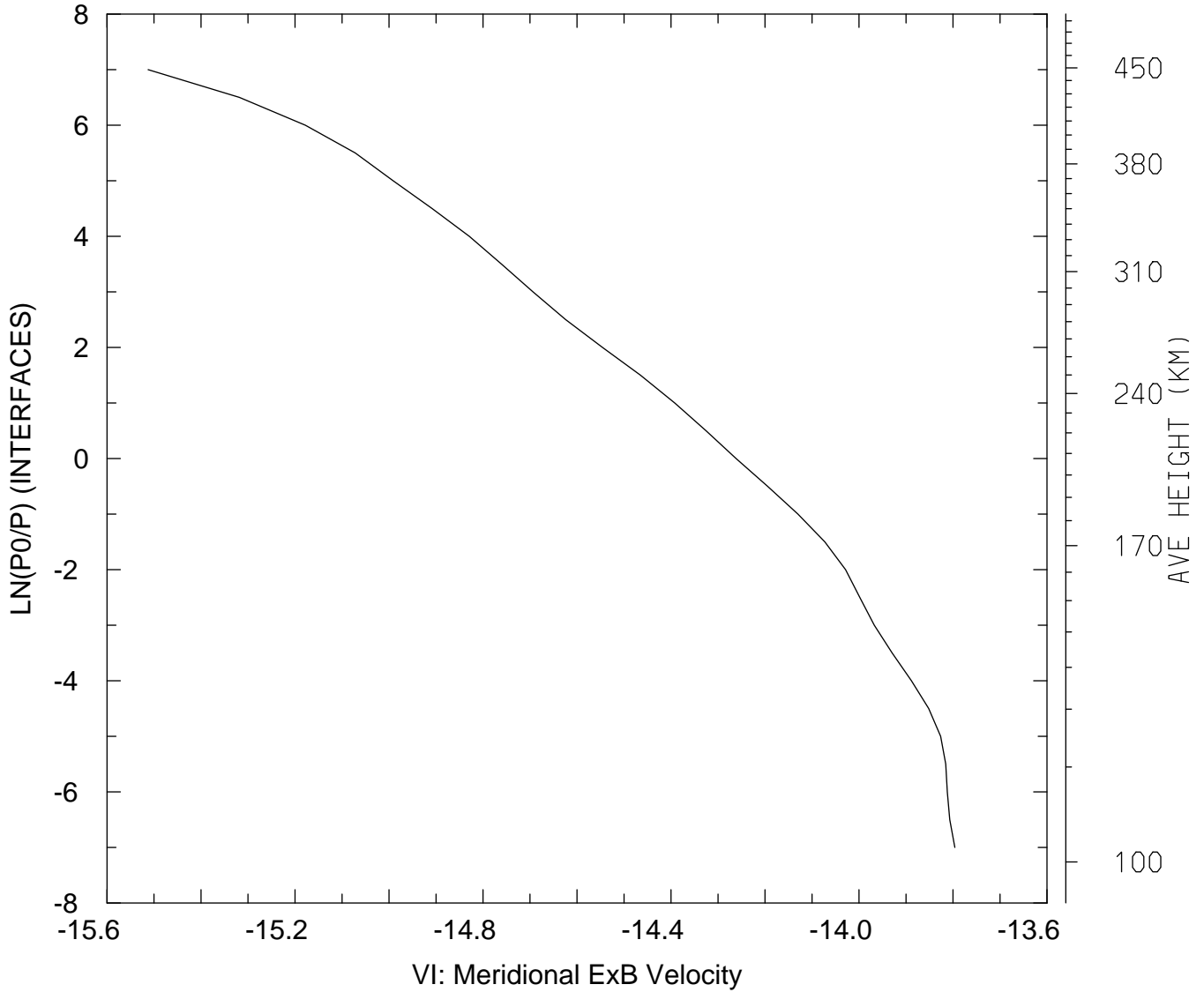


VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



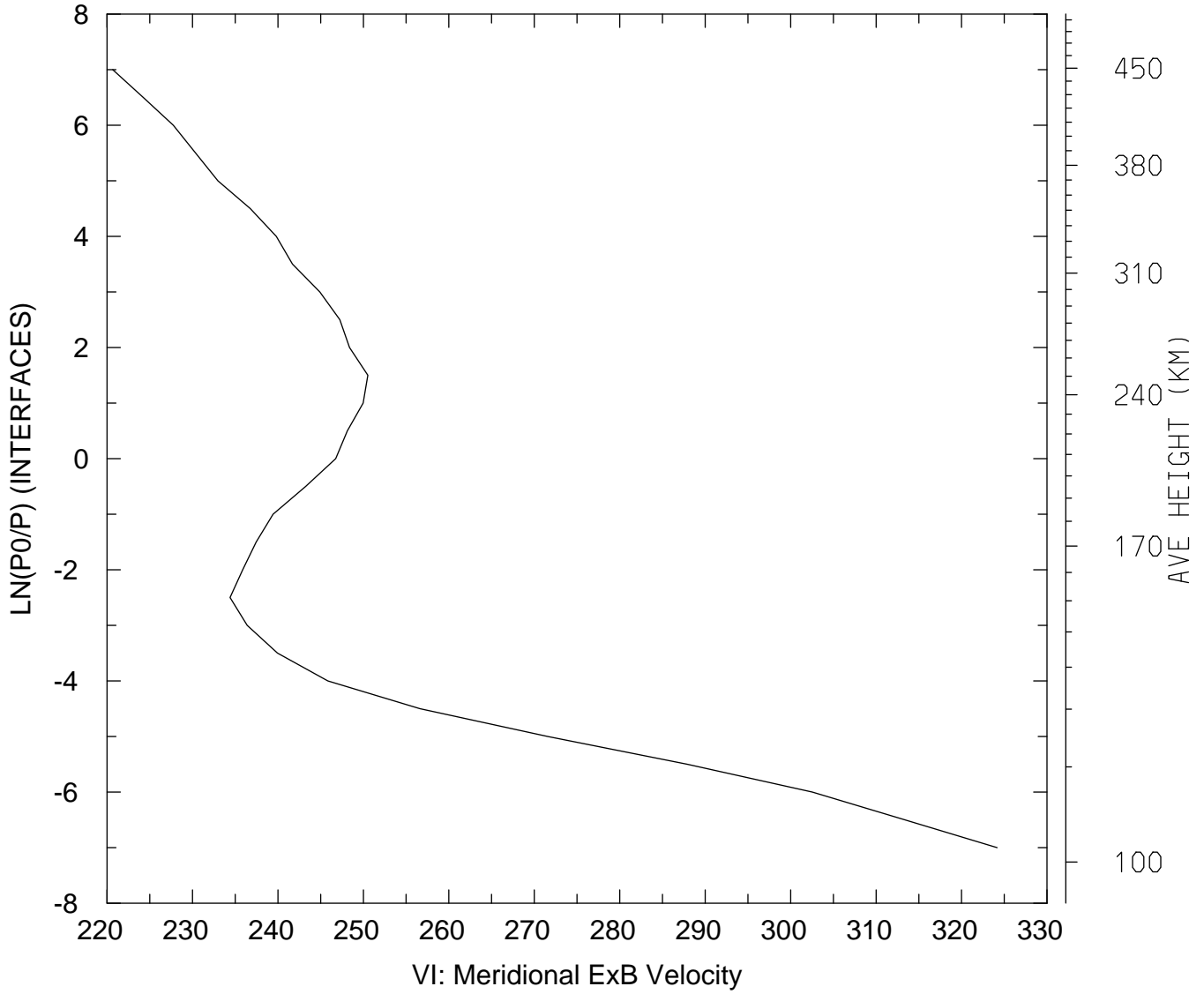
MIN,MAX= 1.8081E+03 1.9108E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



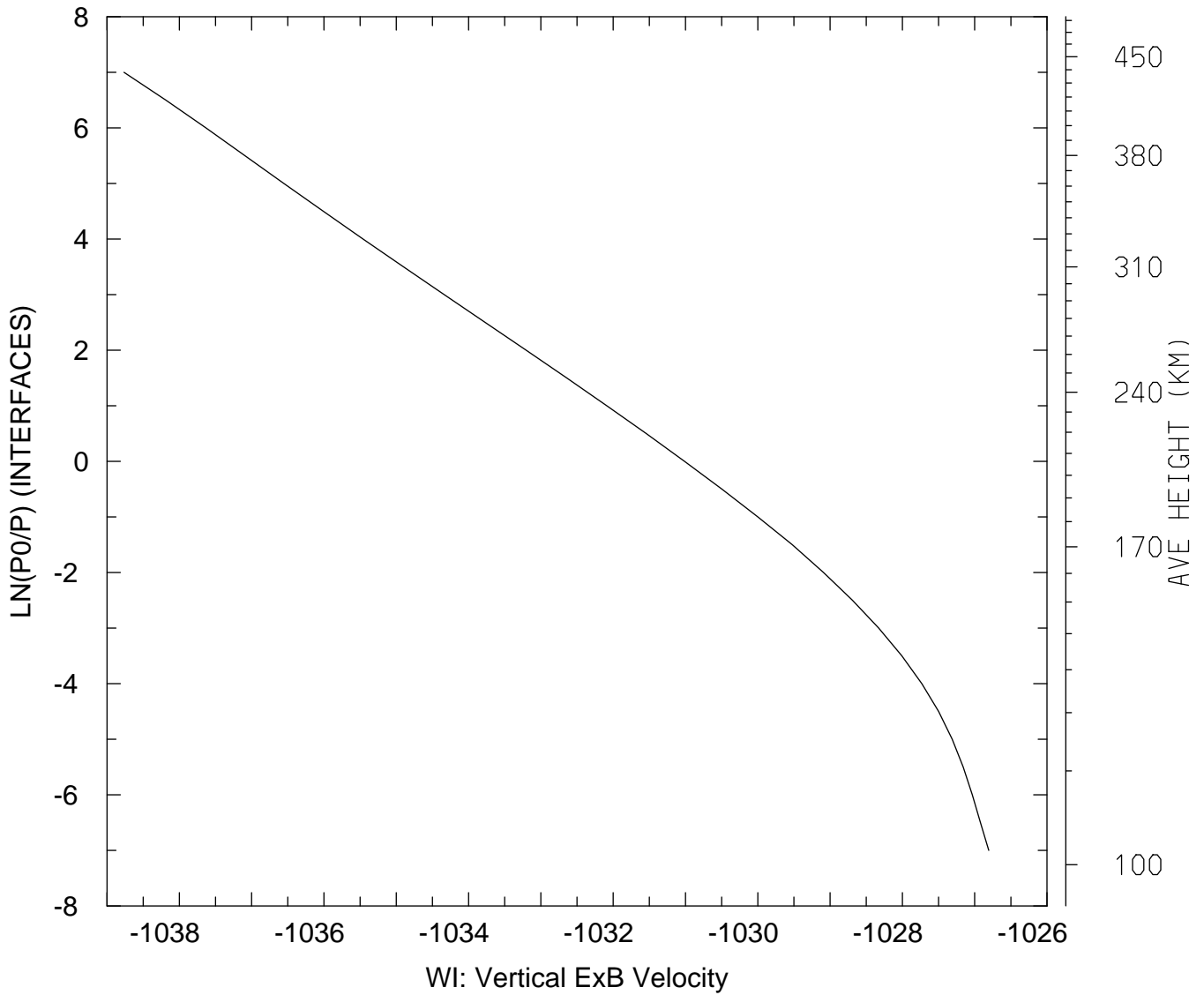
MIN,MAX= -1.5513E+01 -1.3796E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 GLOBAL MEANS



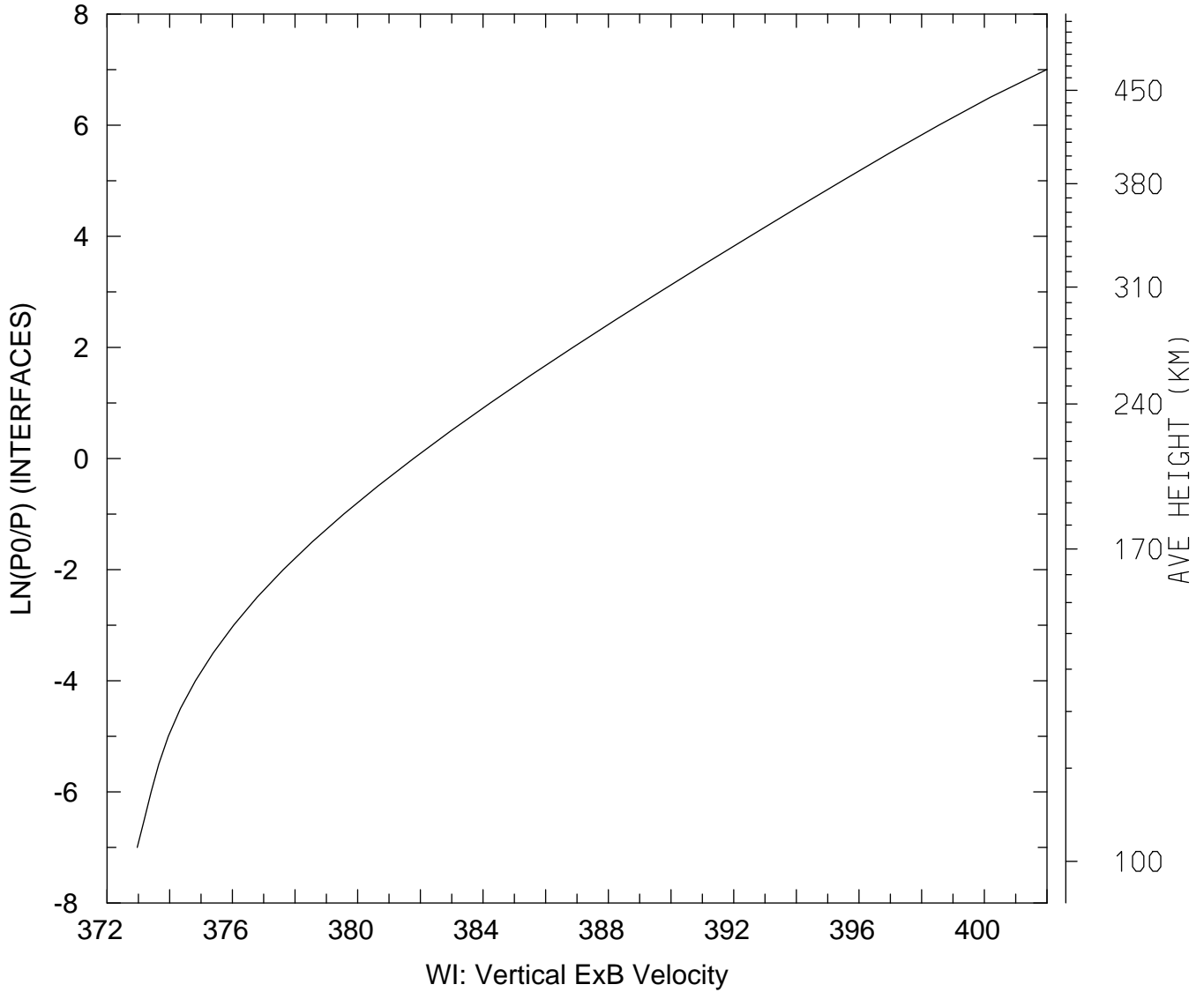
MIN,MAX= 2.2066E+02 3.2415E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



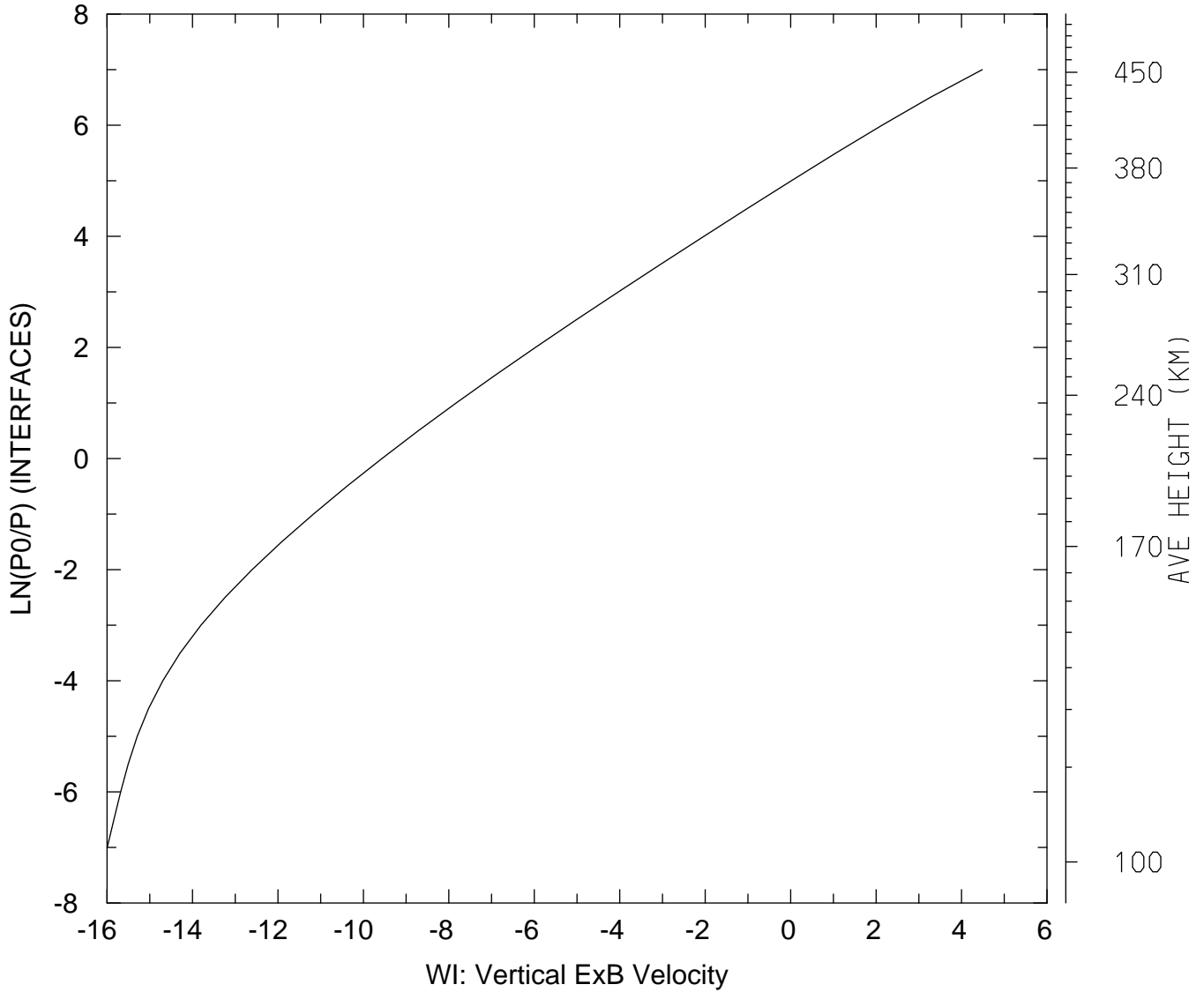
MIN,MAX= -1.0388E+03 -1.0268E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



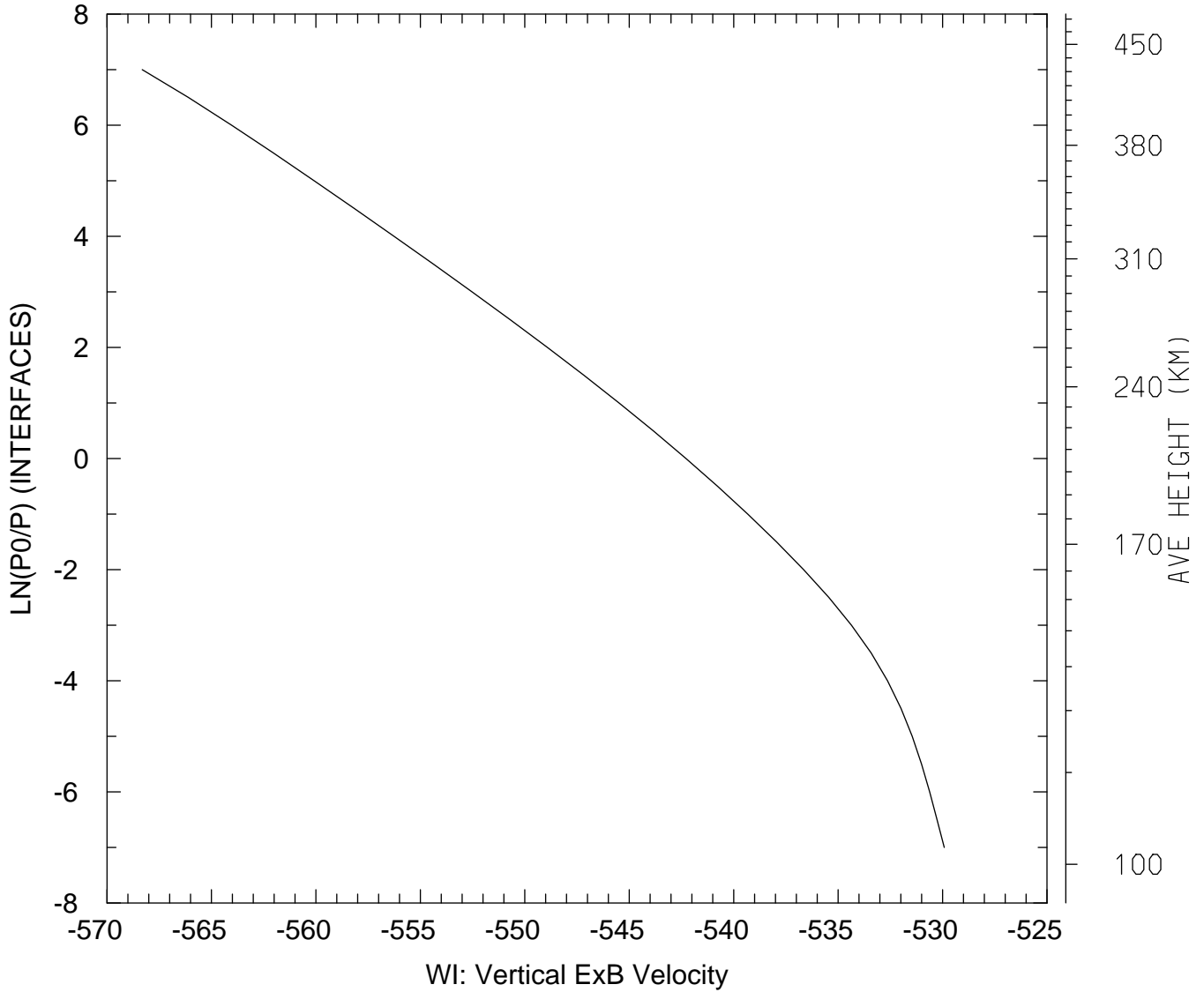
MIN,MAX= 3.7296E+02 4.0199E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



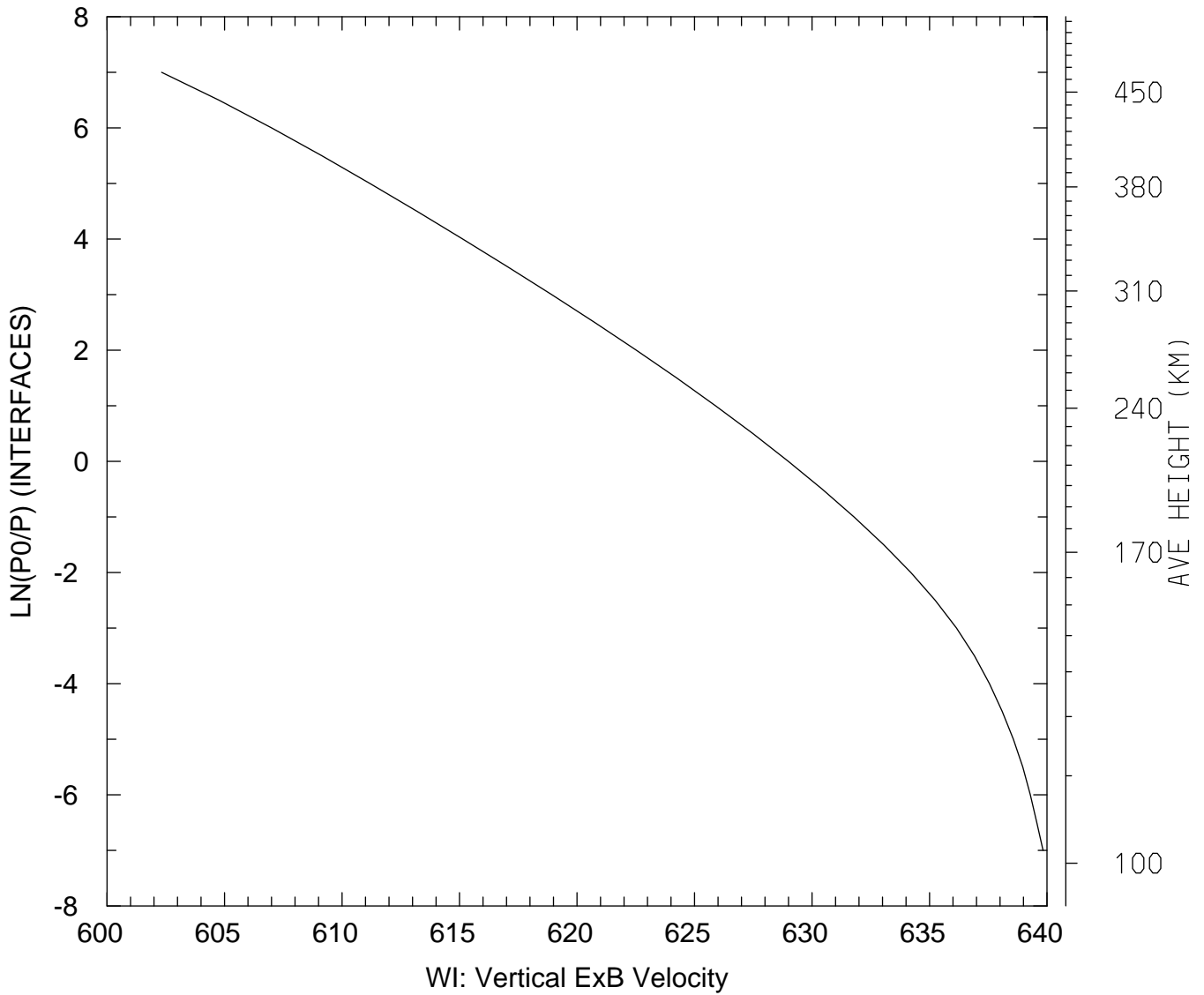
MIN,MAX= -1.5996E+01 4.4850E+00  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS)



MIN,MAX= -5.6831E+02 -5.2992E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

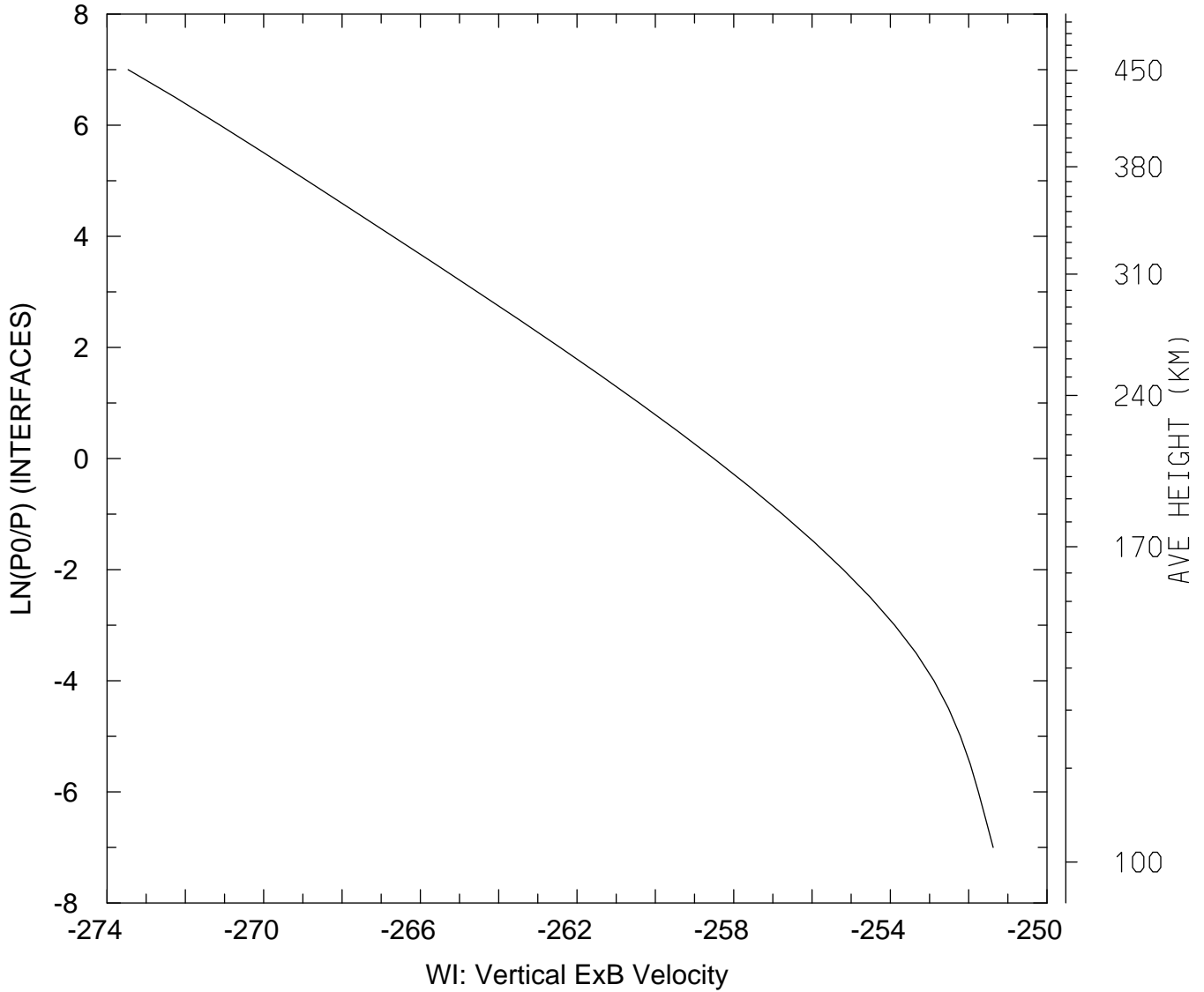
WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



MIN,MAX= 6.0232E+02 6.3983E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

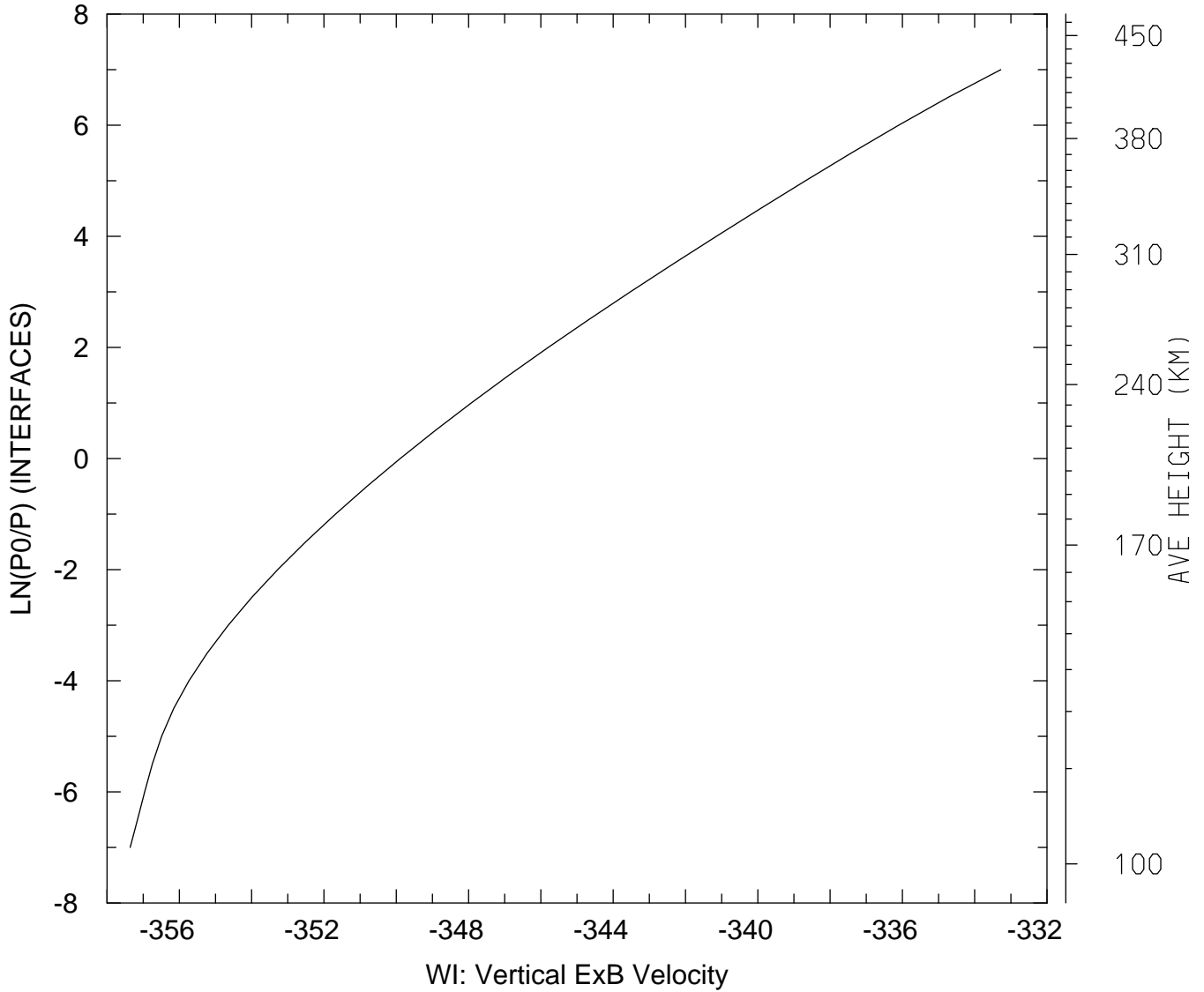


WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



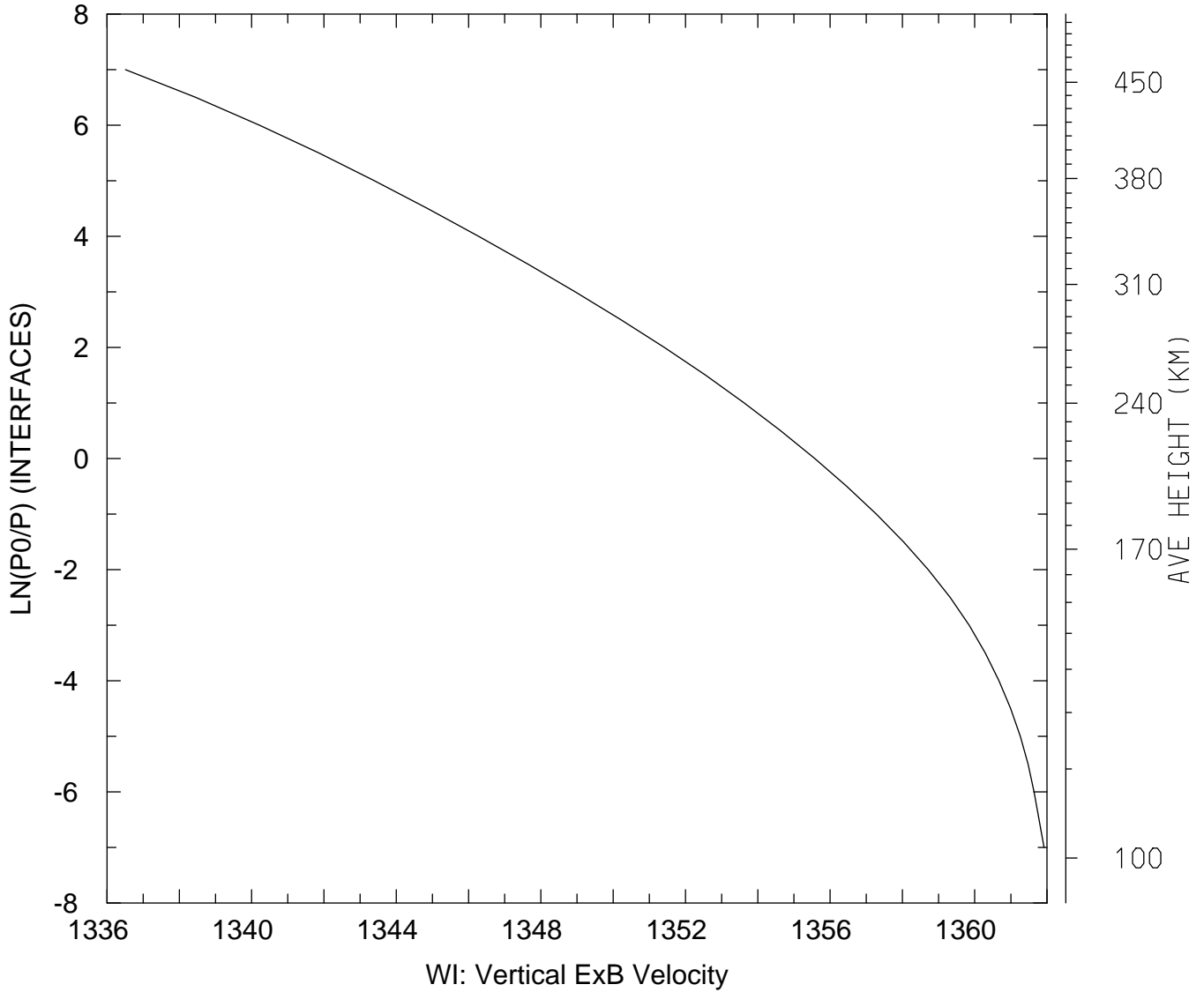
MIN,MAX= -2.7346E+02 -2.5137E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS)



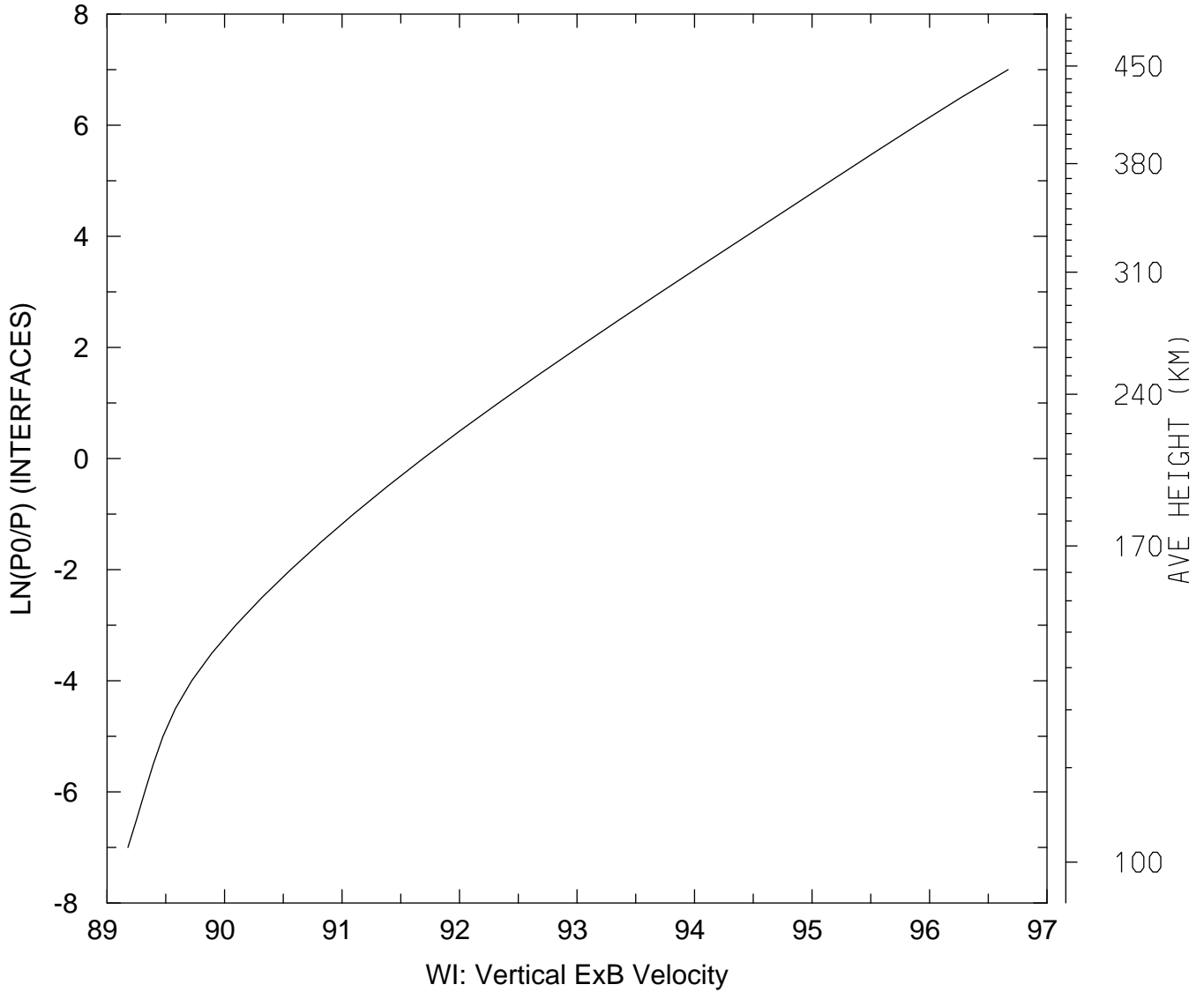
MIN,MAX= -3.5736E+02 -3.3328E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



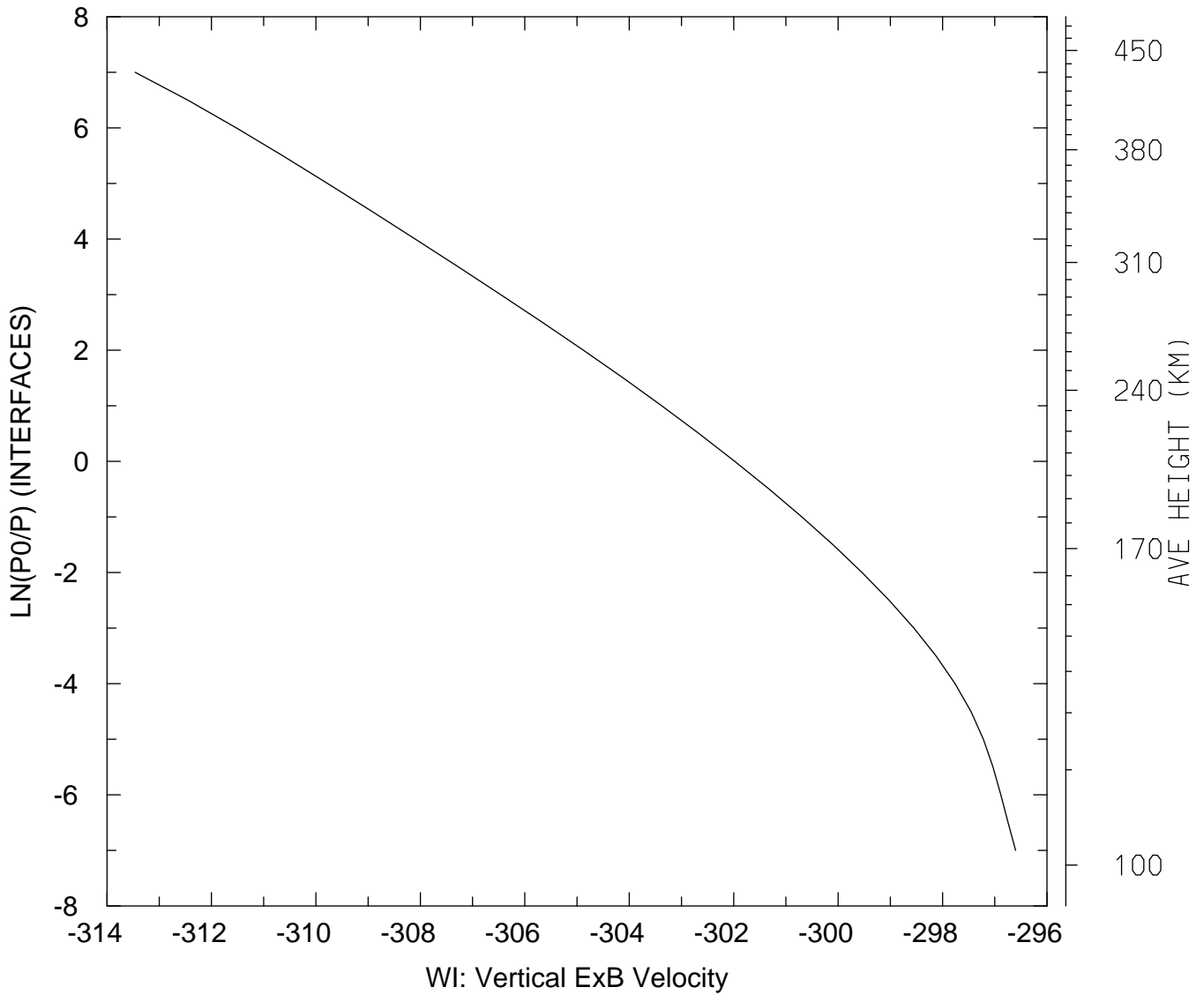
MIN,MAX= 1.3365E+03 1.3619E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



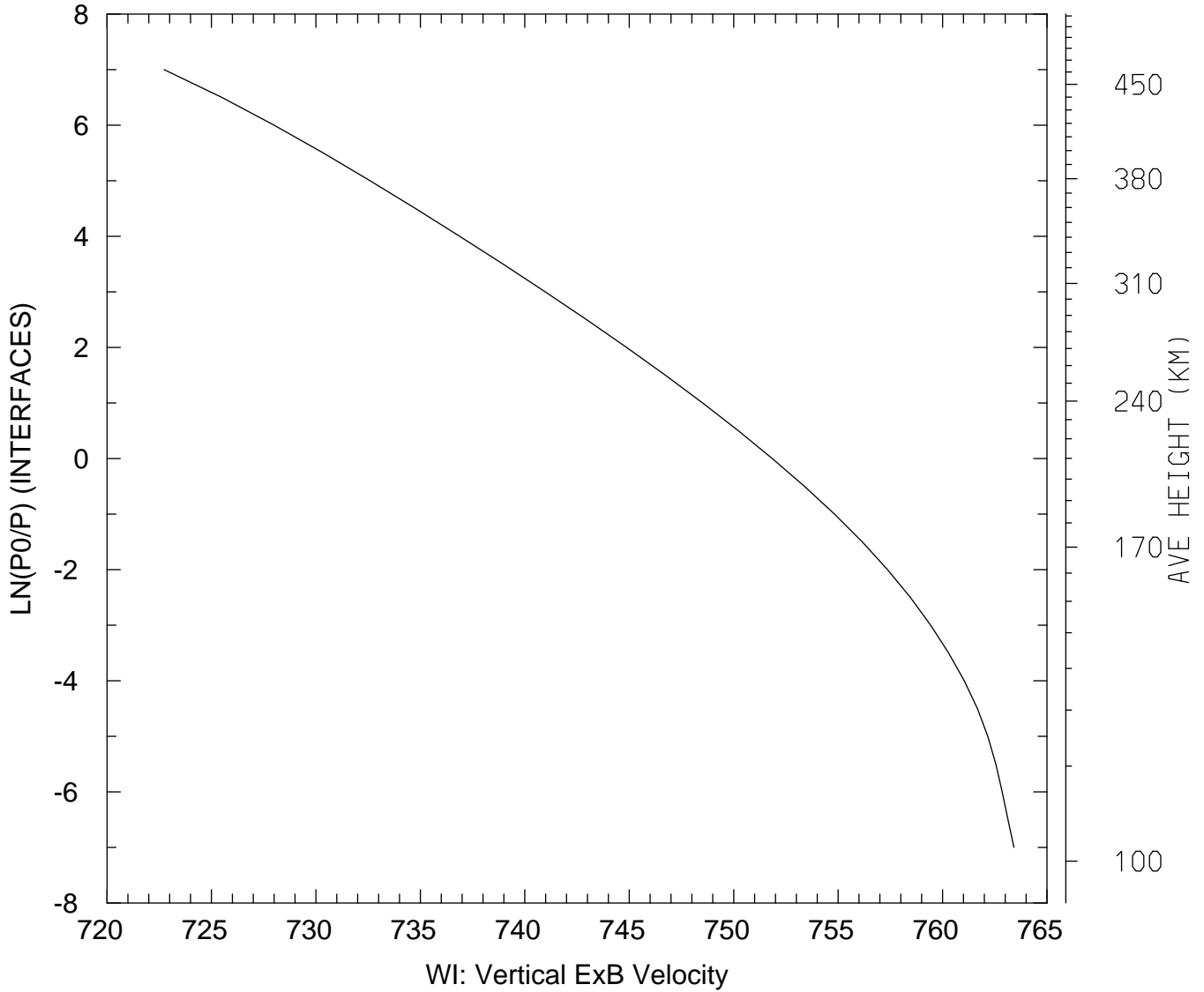
MIN,MAX= 8.9177E+01 9.6669E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



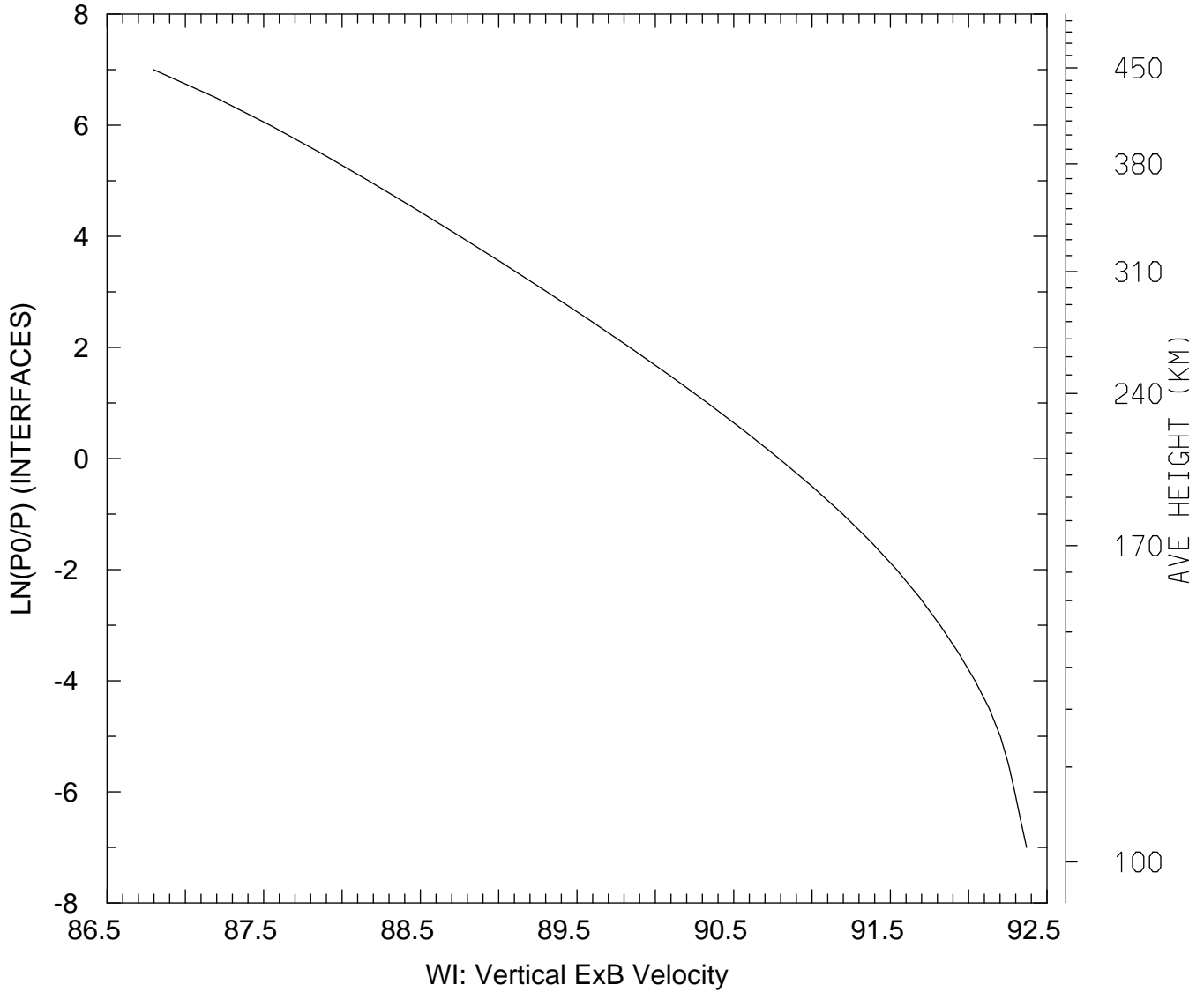
MIN,MAX= -3.1346E+02 -2.9660E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



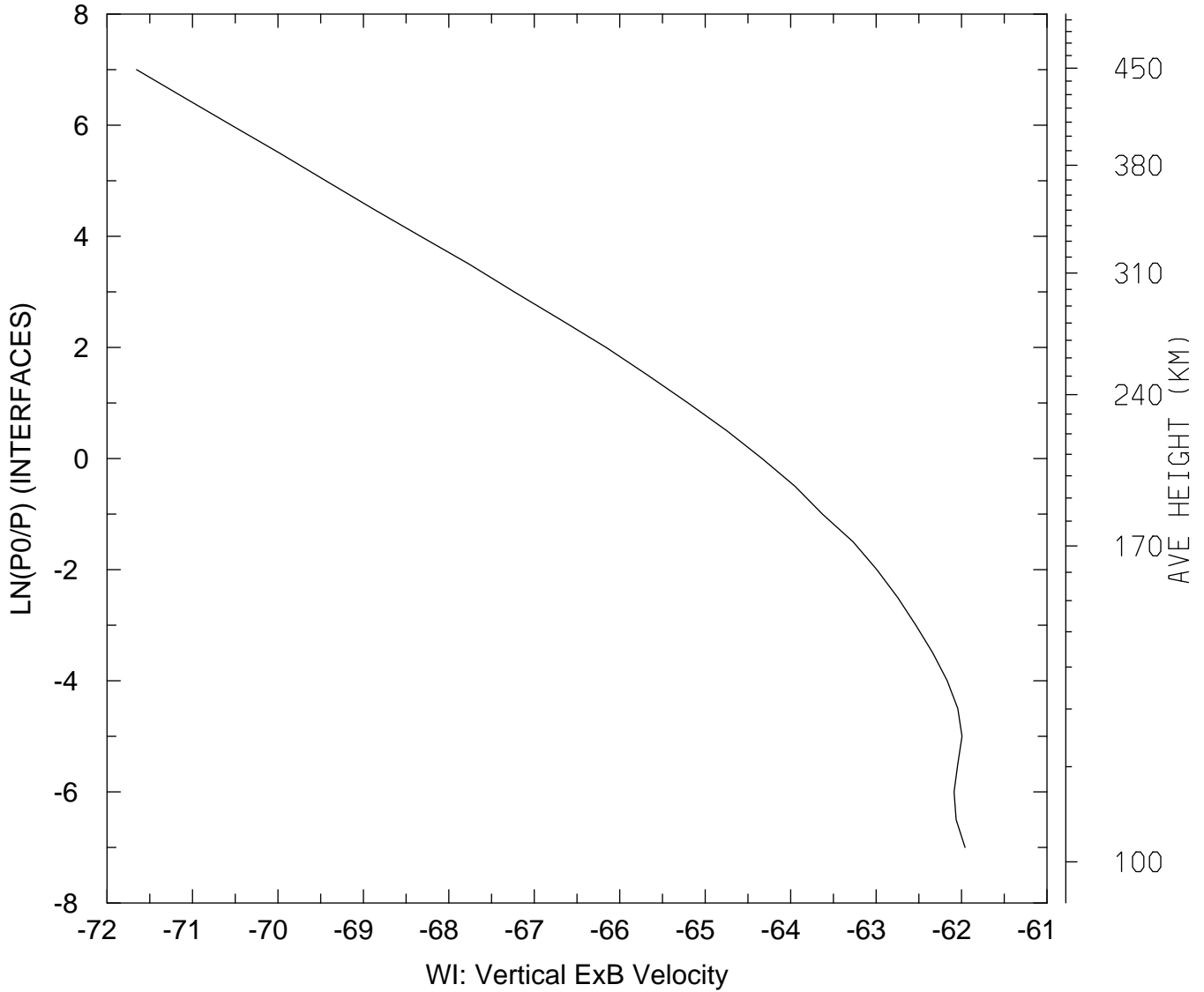
MIN,MAX= 7.2273E+02 7.6342E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



MIN,MAX= 8.6797E+01 9.2370E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

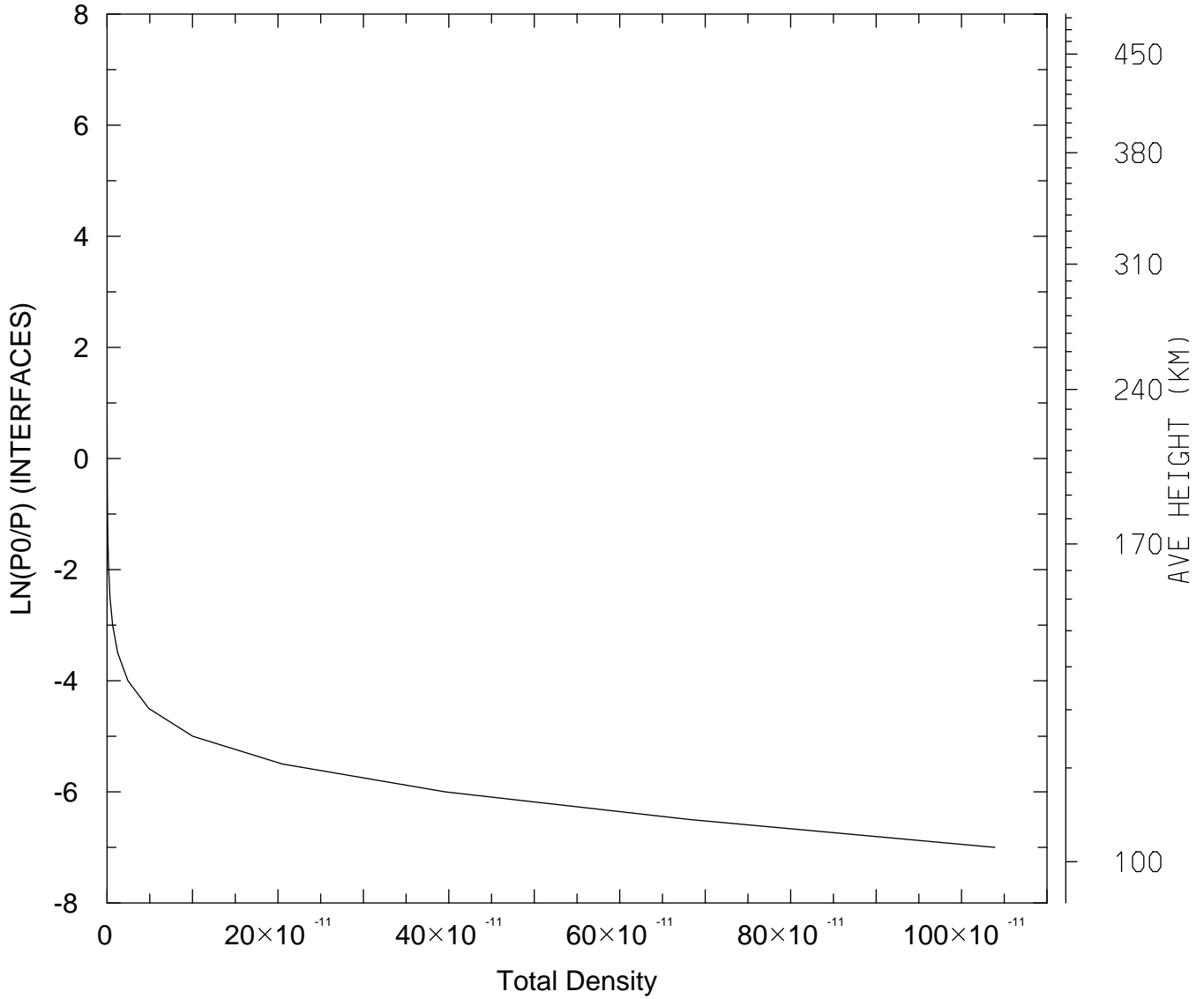
WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 GLOBAL MEANS



MIN,MAX= -7.1655E+01 -6.1959E+01  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

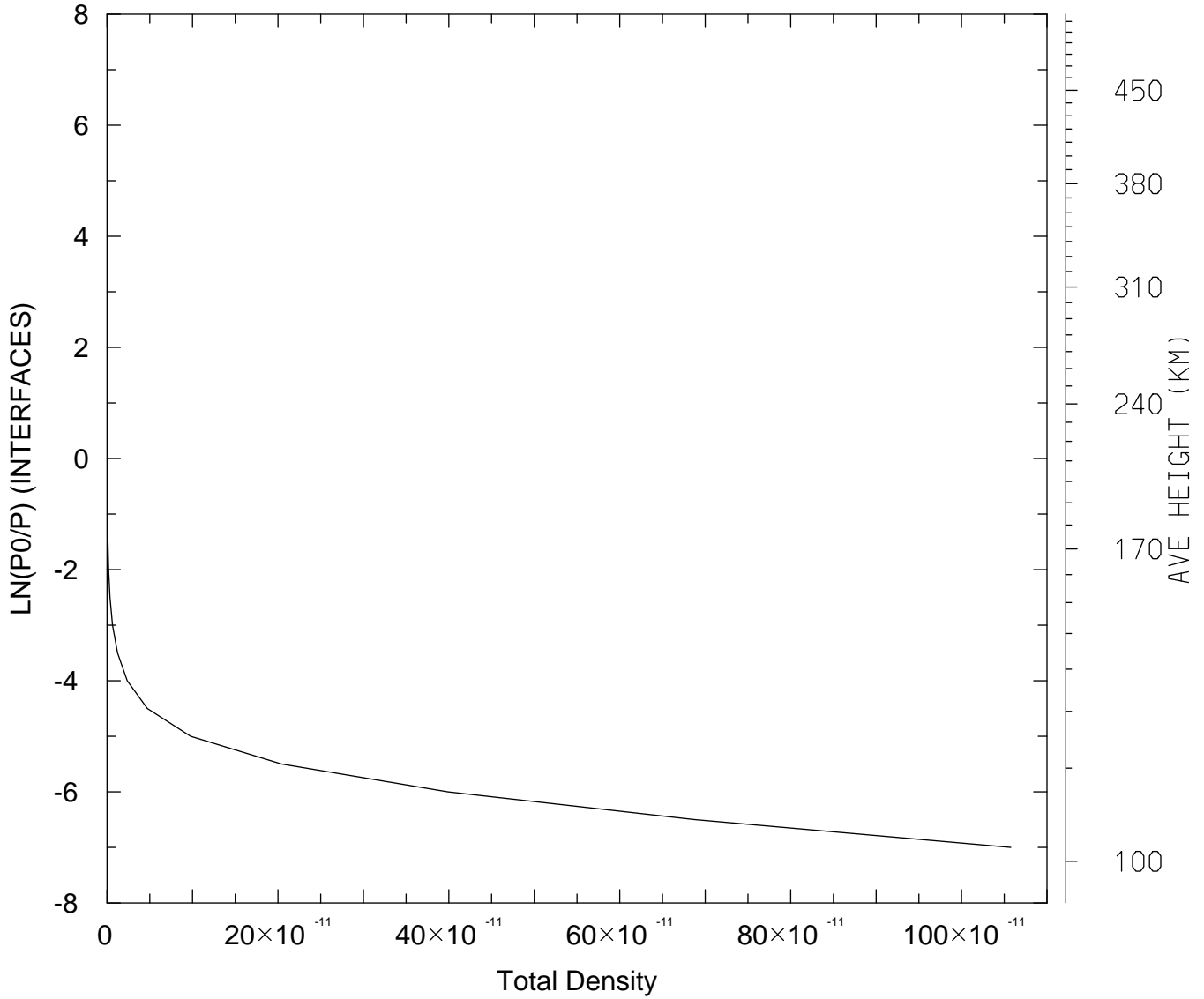


DEN: Total Density (g/cm3)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



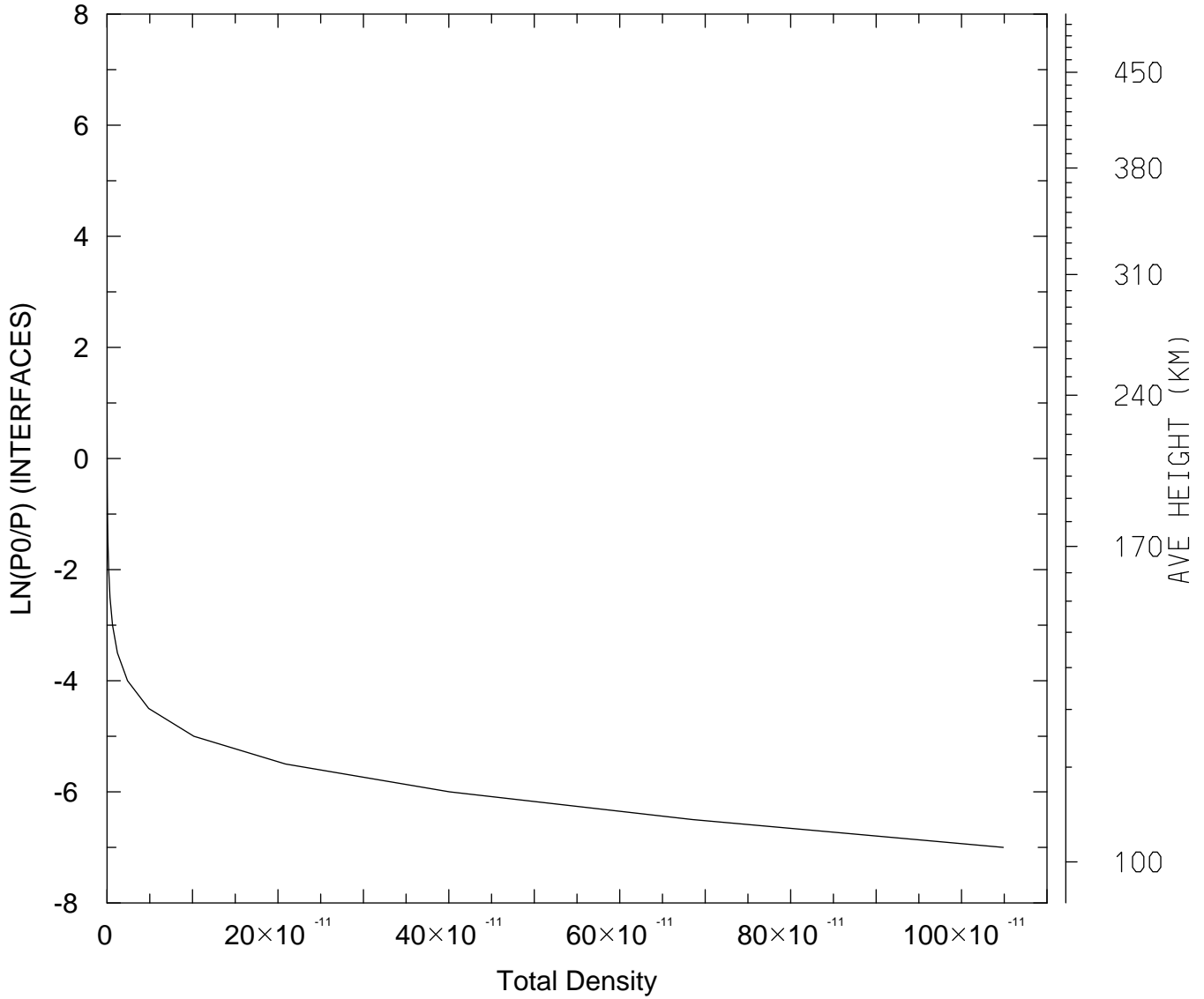
MIN,MAX= 1.5168E-16 1.0390E-09  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



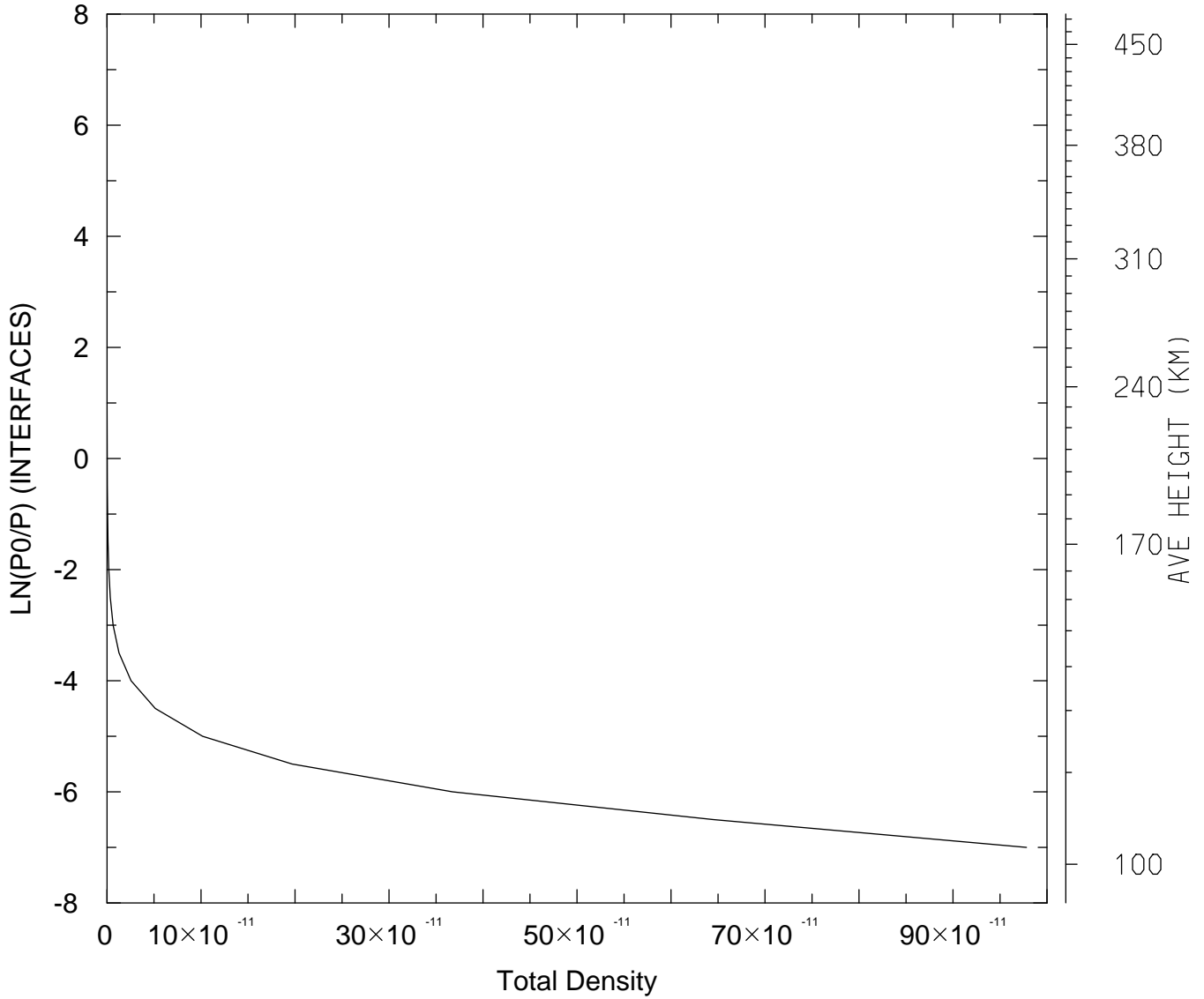
MIN,MAX= 1.3666E-16 1.0576E-09  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



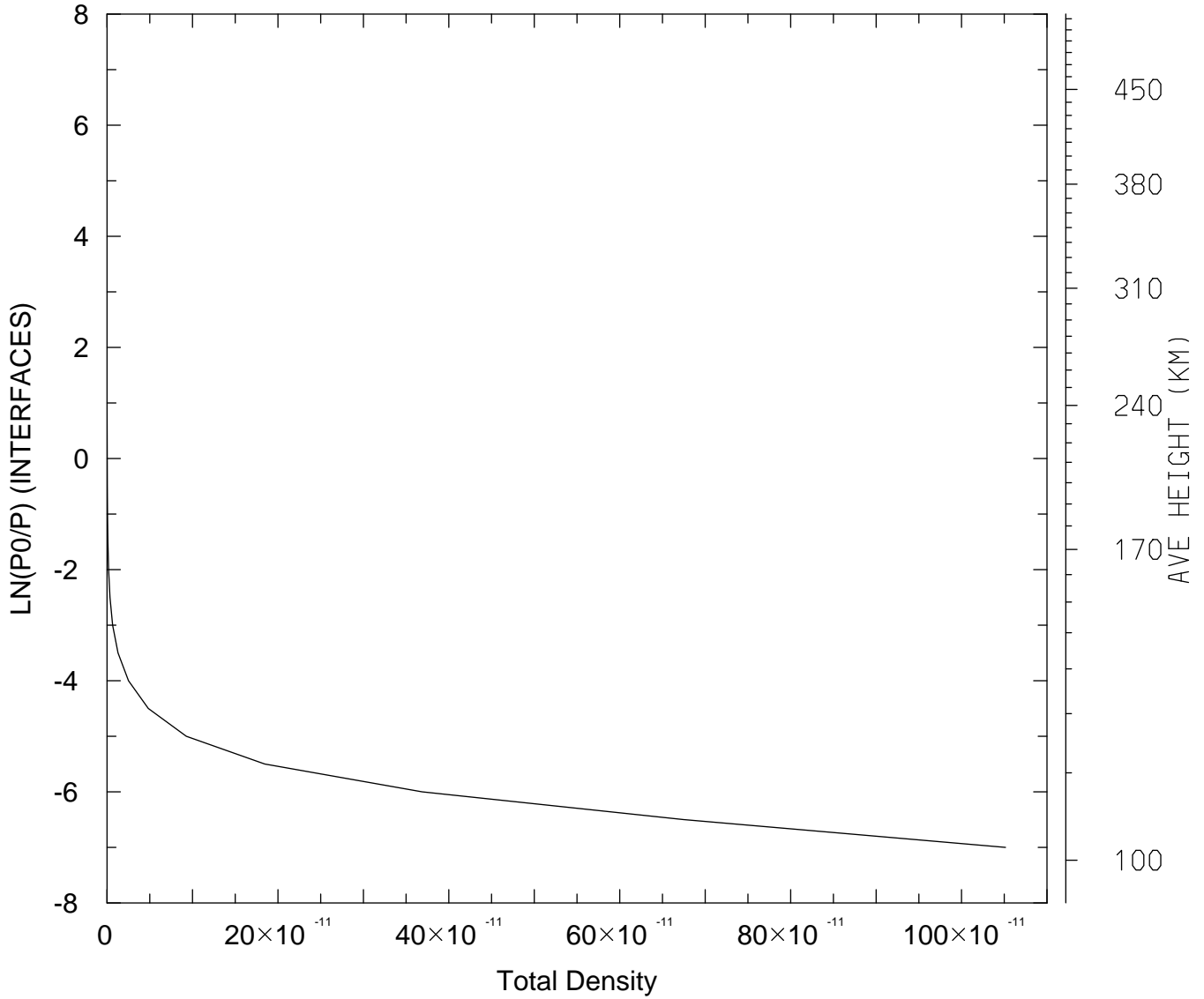
MIN,MAX= 1.4761E-16 1.0487E-09  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



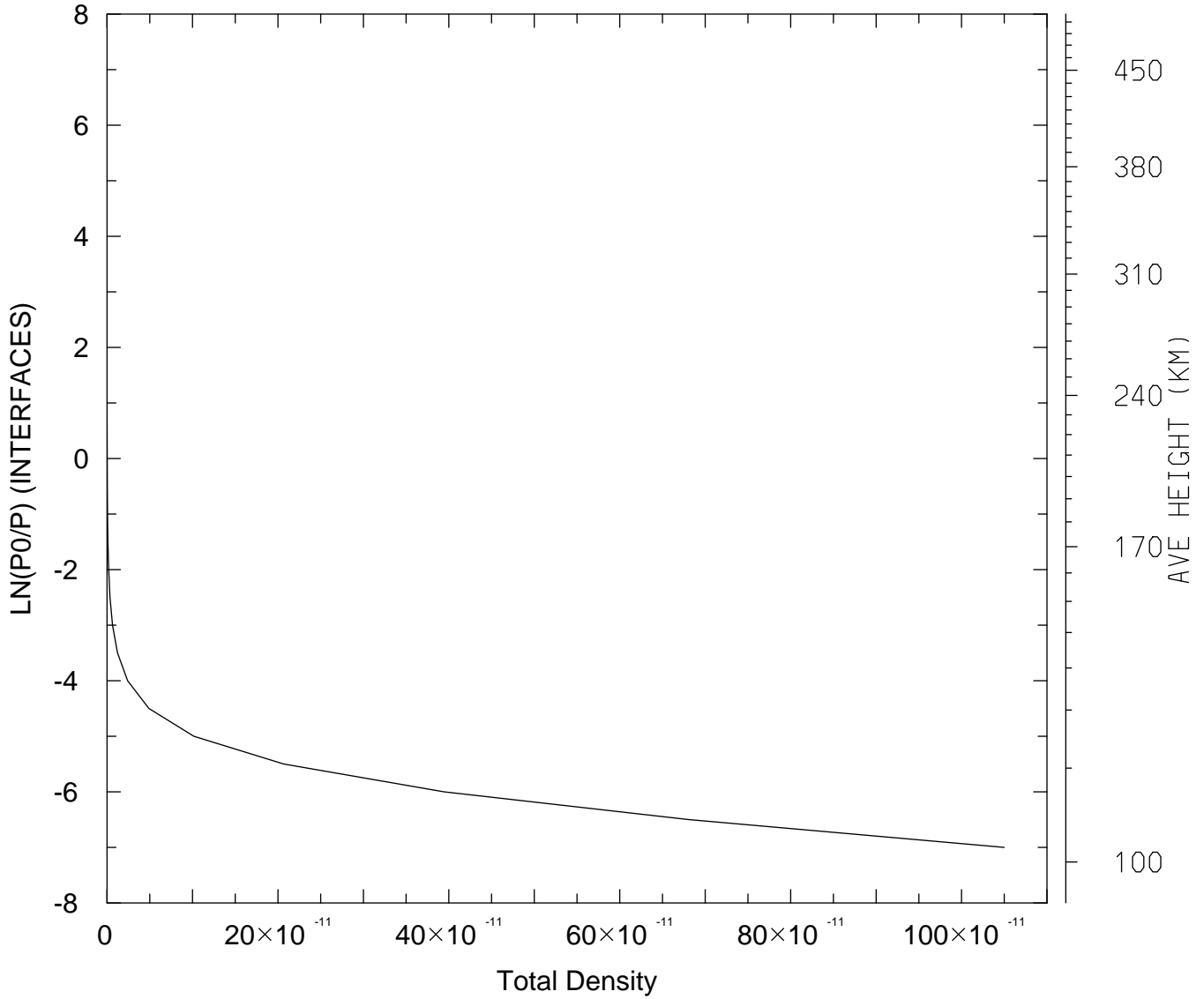
MIN,MAX= 1.6350E-16 9.7815E-10  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



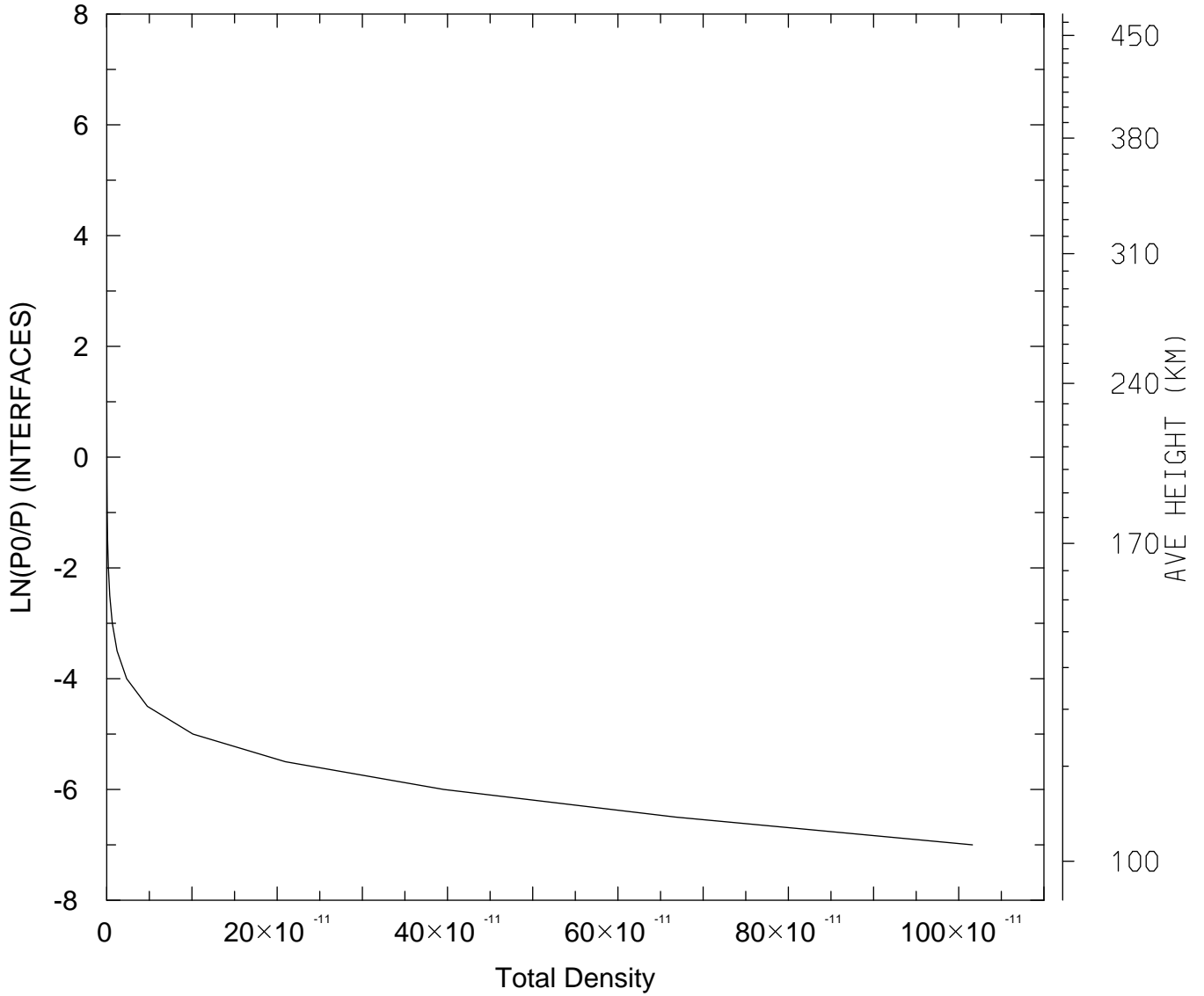
MIN,MAX= 1.4272E-16 1.0514E-09  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



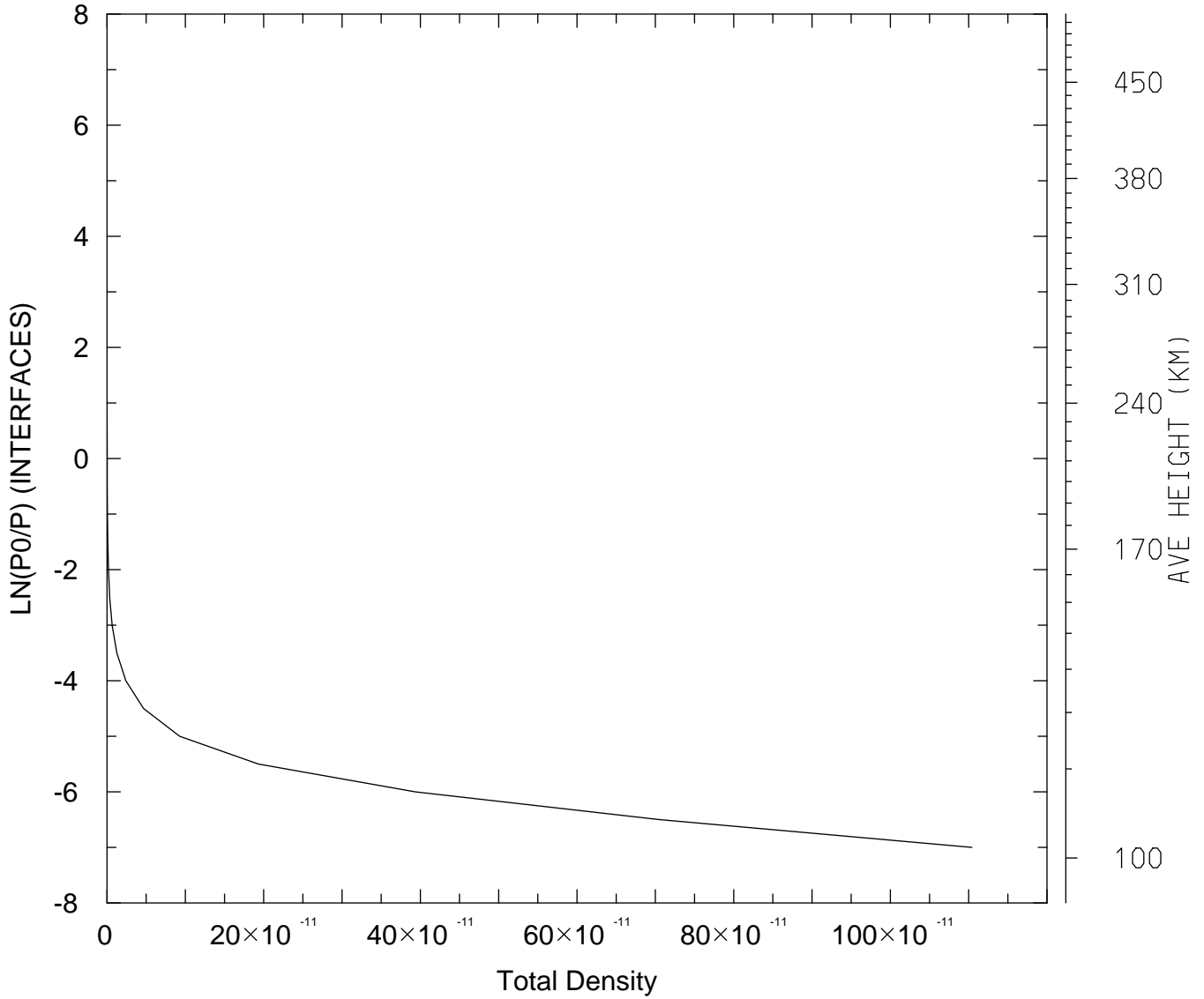
MIN,MAX= 1.4965E-16 1.0500E-09  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



MIN,MAX= 1.7196E-16 1.0161E-09  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

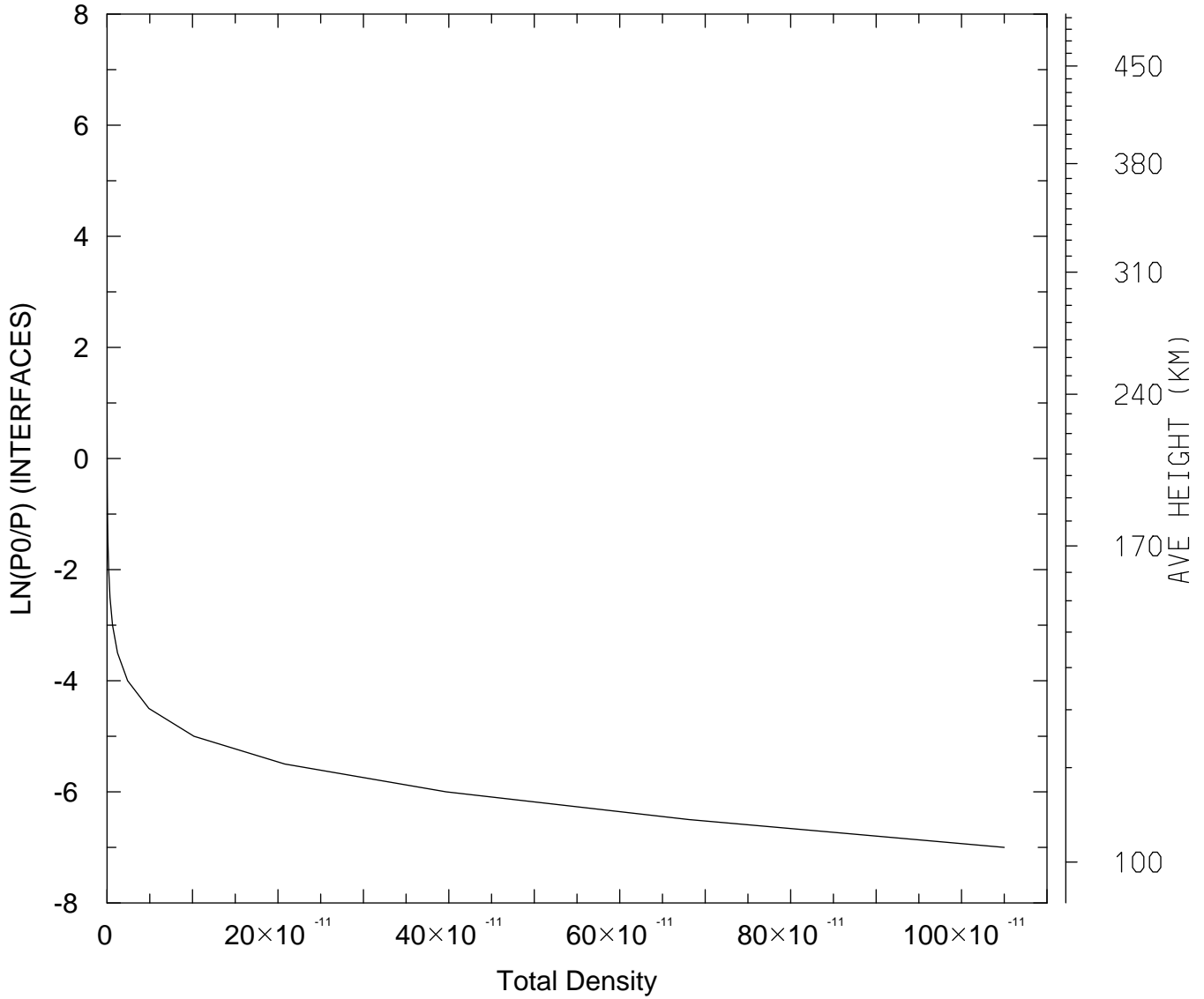
DEN: Total Density (g/cm3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



MIN,MAX= 1.4539E-16 1.1041E-09  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

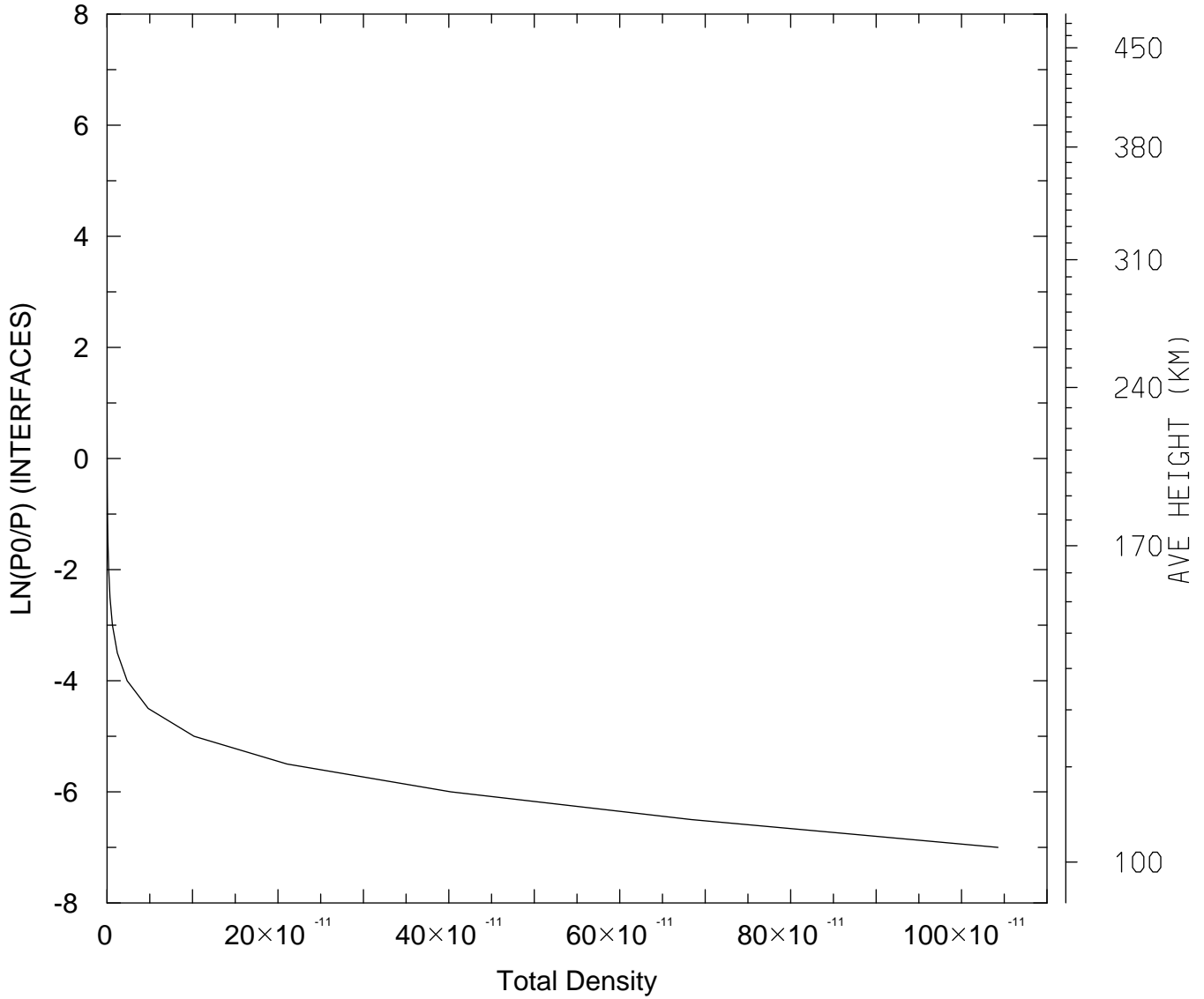


DEN: Total Density (g/cm3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



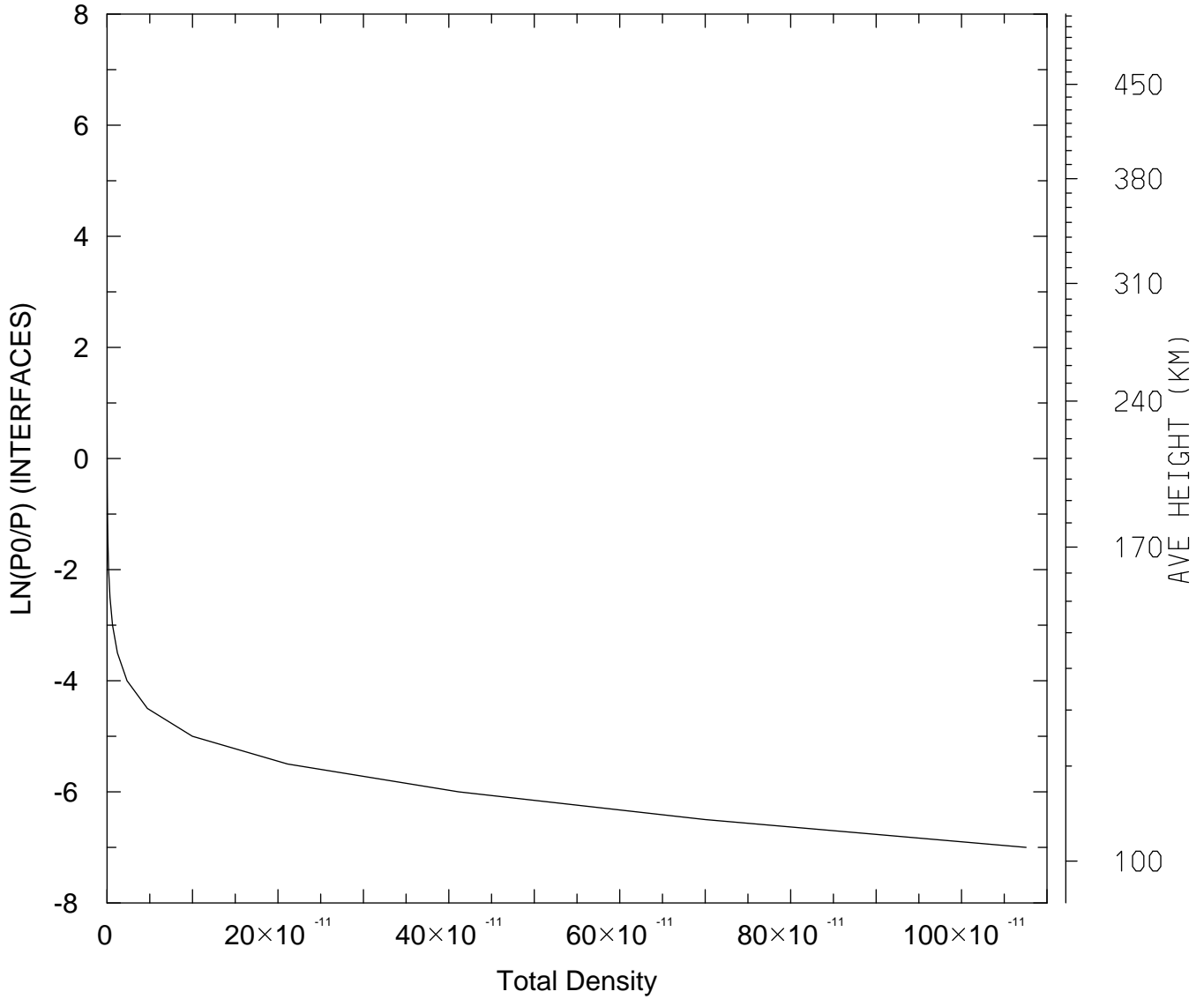
MIN,MAX= 1.5074E-16 1.0500E-09  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



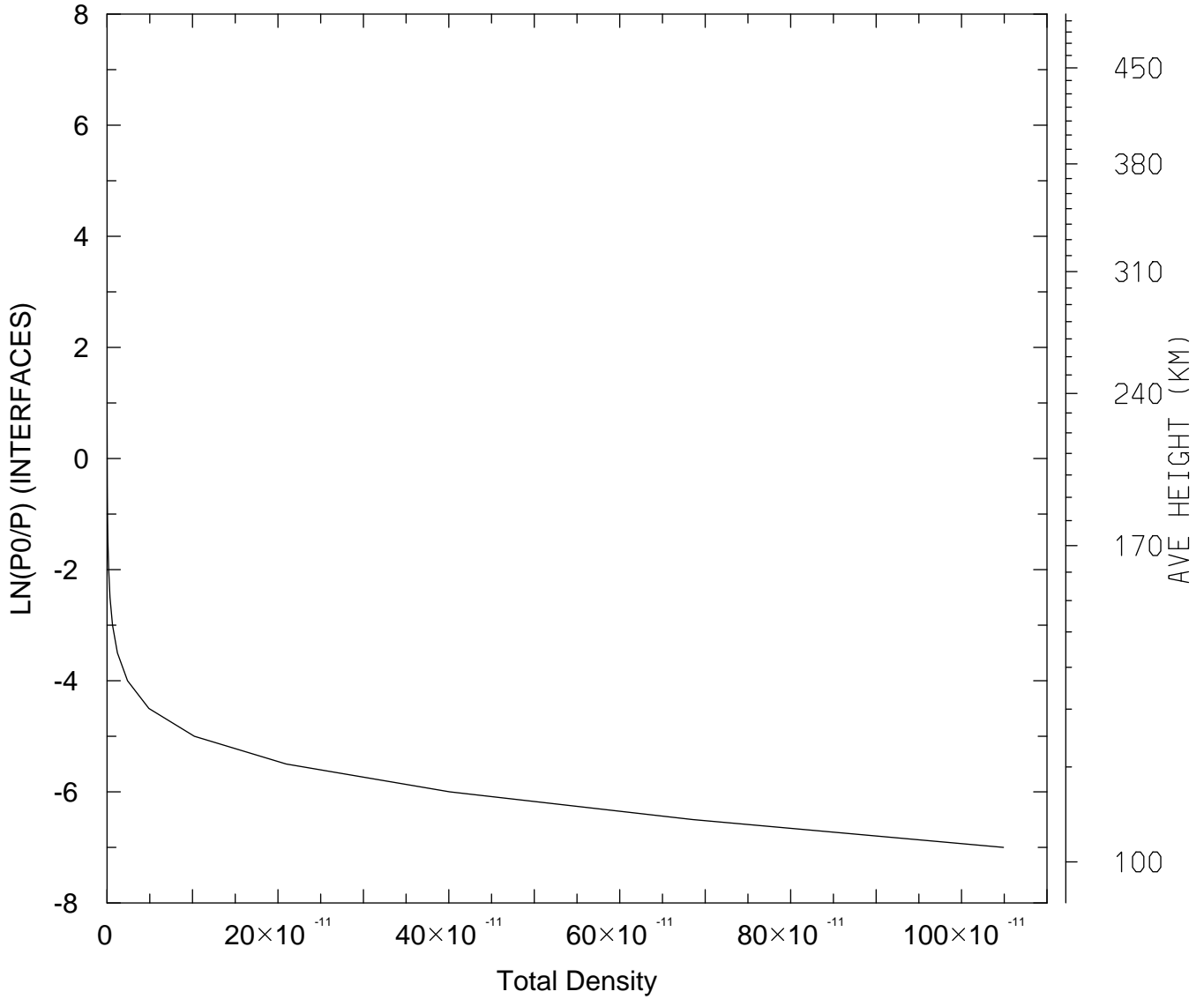
MIN,MAX= 1.5552E-16 1.0426E-09  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



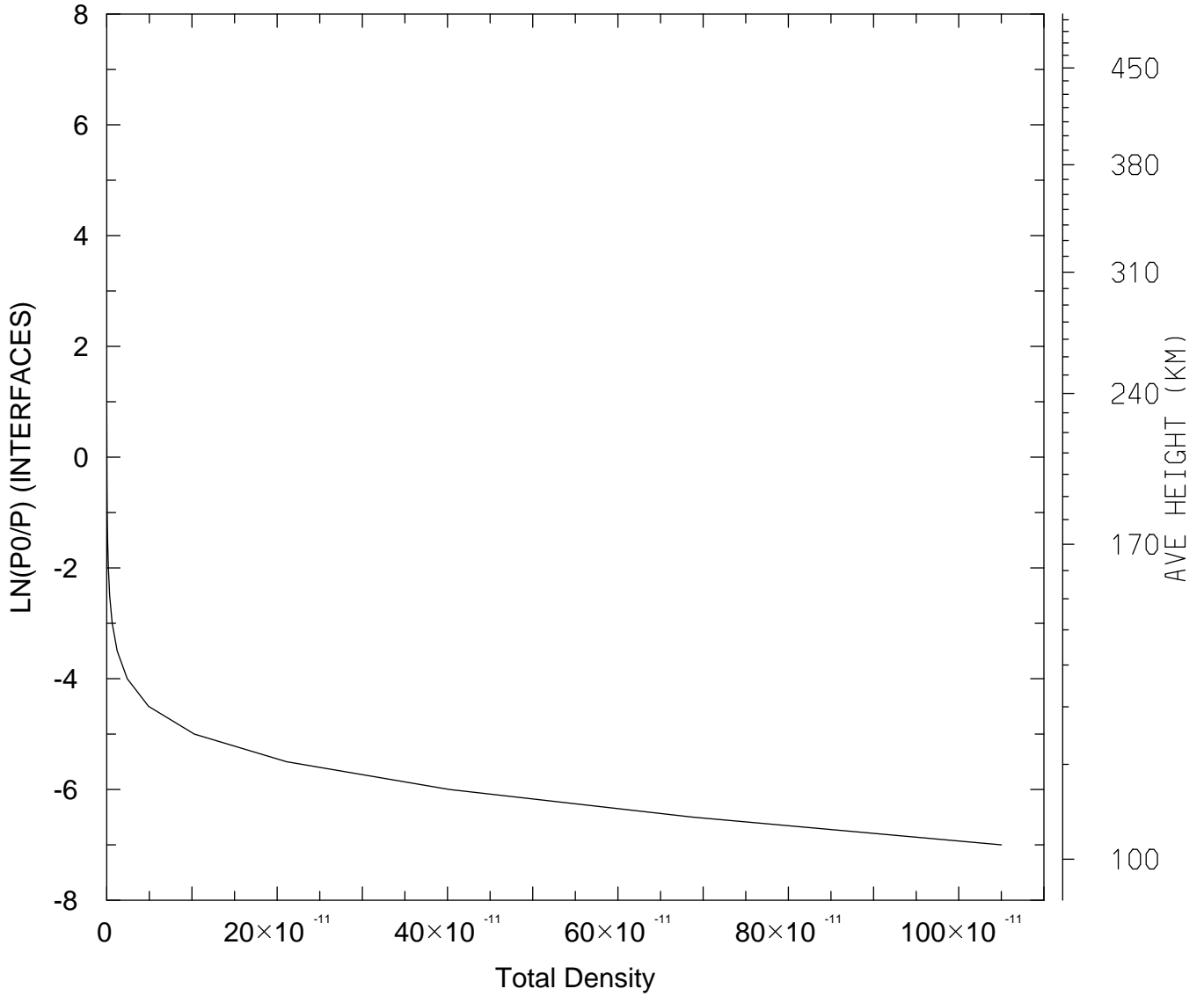
MIN,MAX= 1.3639E-16 1.0755E-09  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



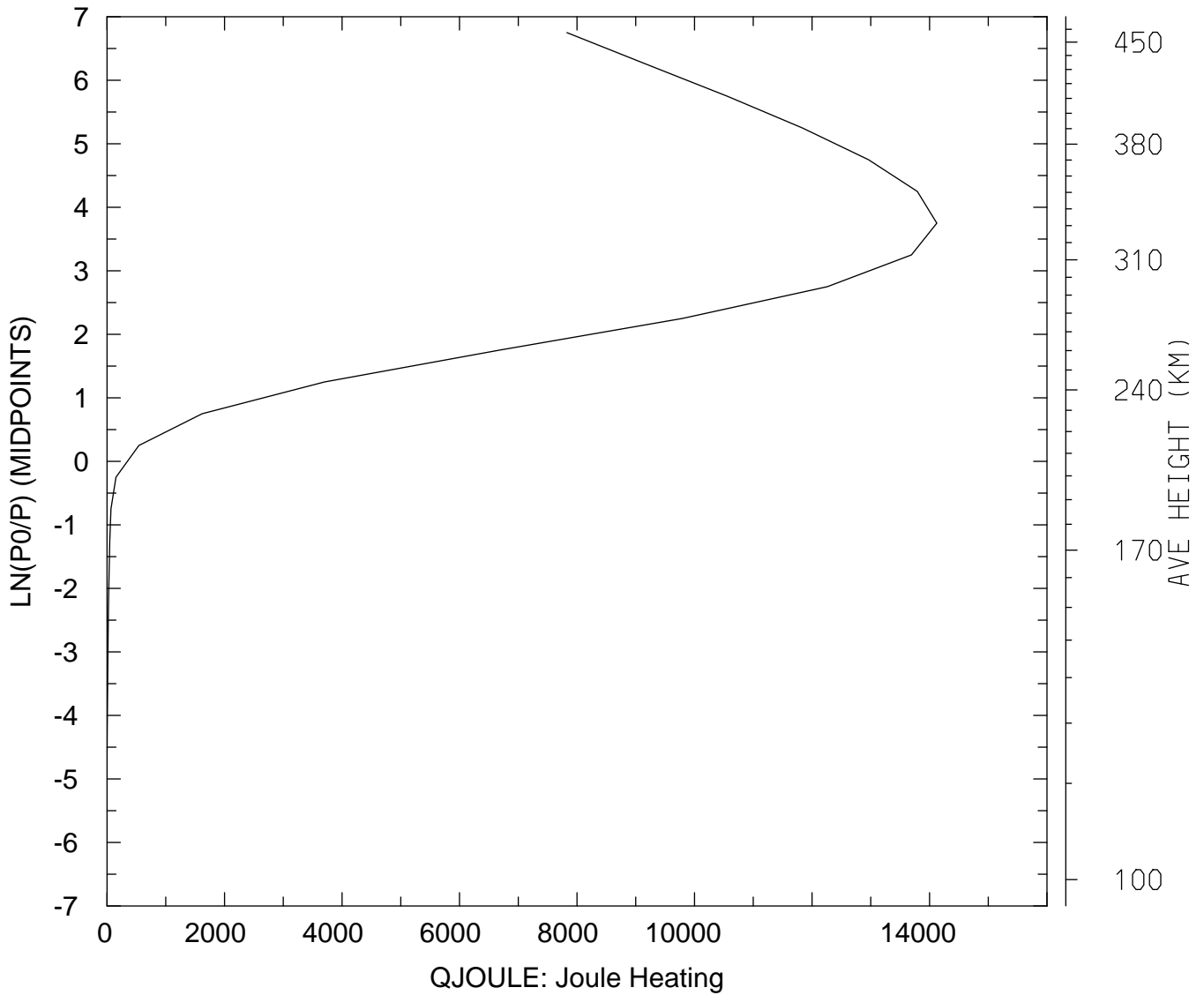
MIN,MAX= 1.4452E-16 1.0491E-09  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 GLOBAL MEANS



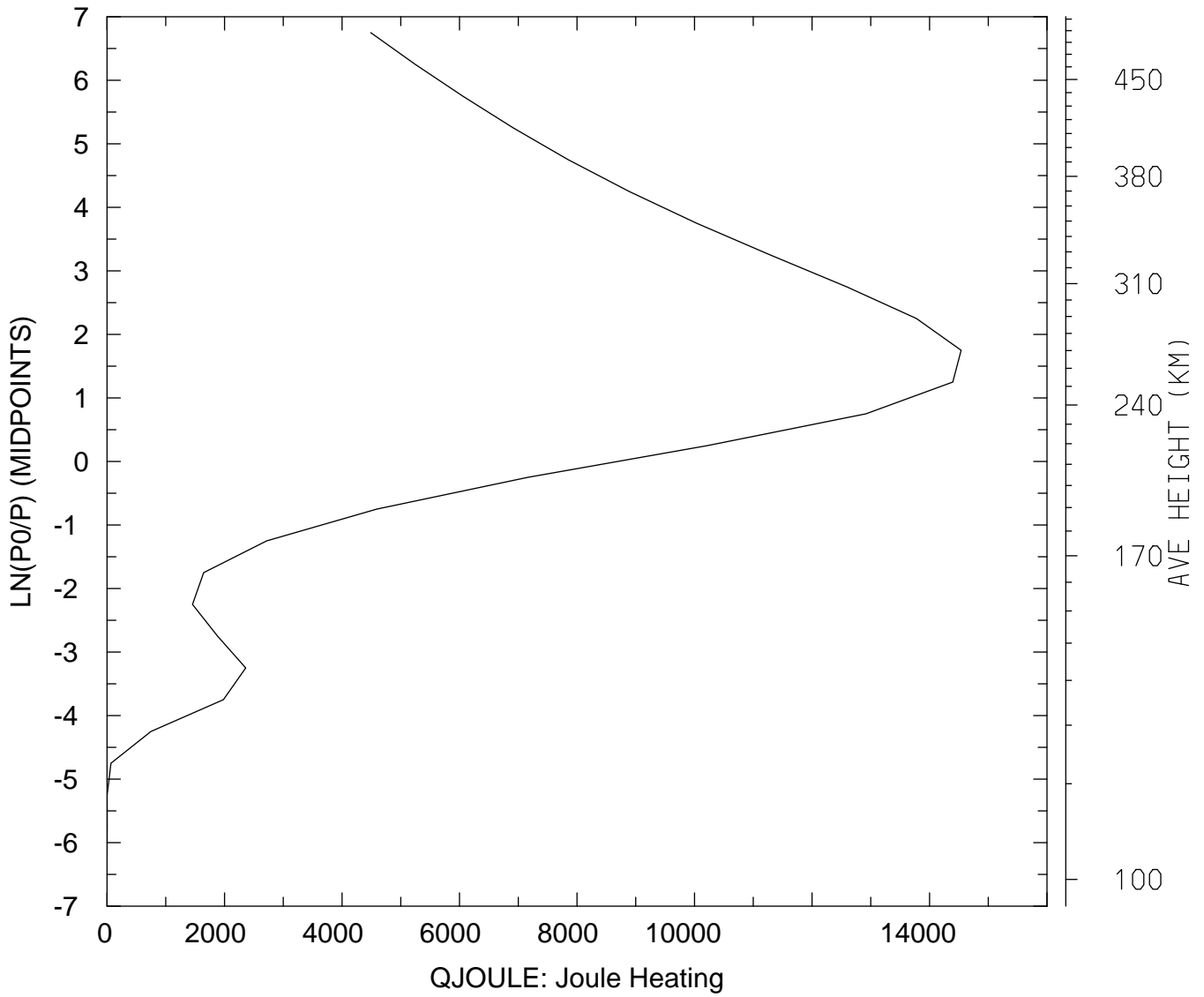
MIN,MAX= 1.5040E-16 1.0501E-09  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



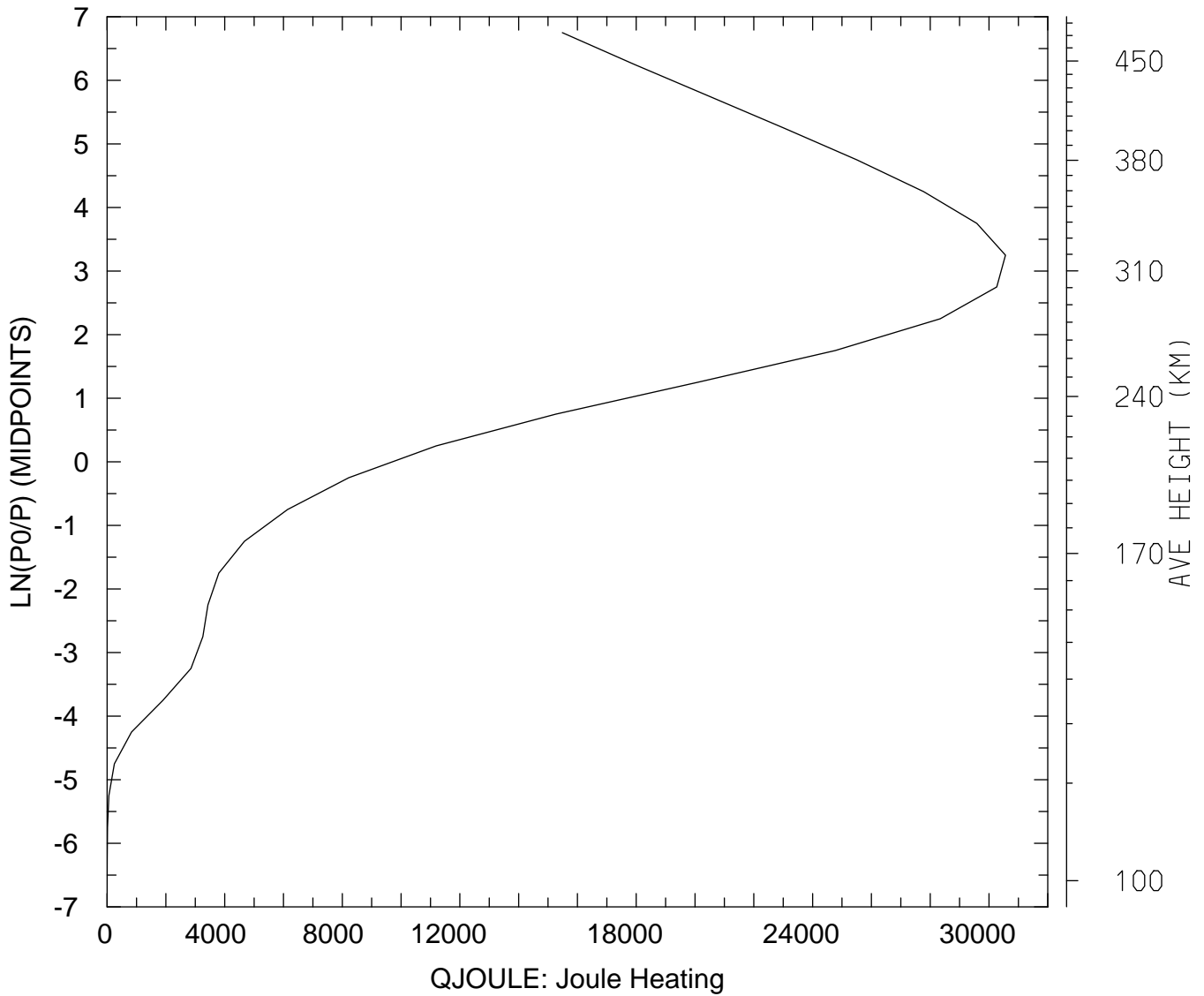
MIN,MAX= 2.3457E-02 1.4125E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



MIN,MAX= 2.7025E-01 1.4538E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

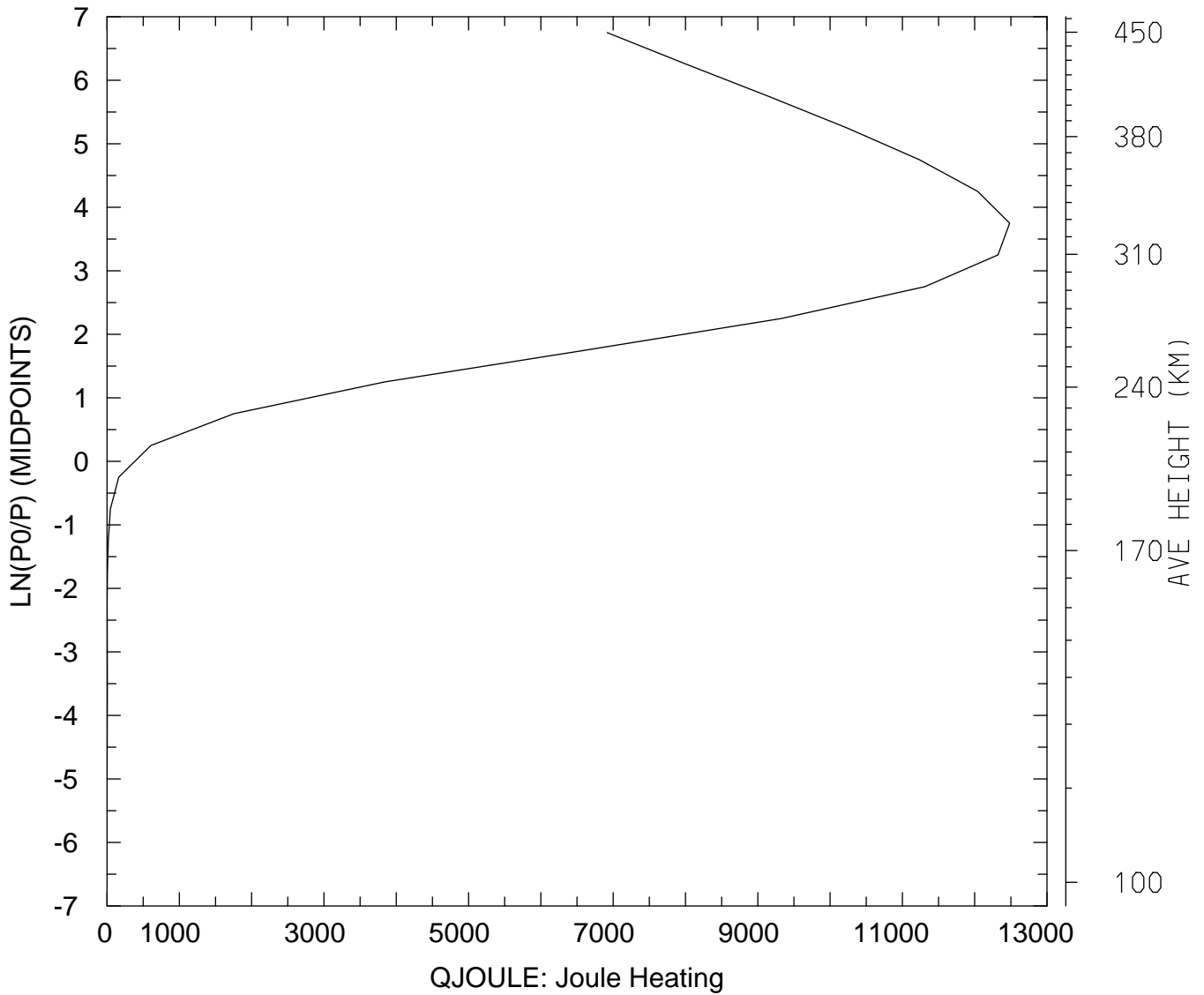
QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



MIN,MAX= 6.6249E-01 3.0561E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

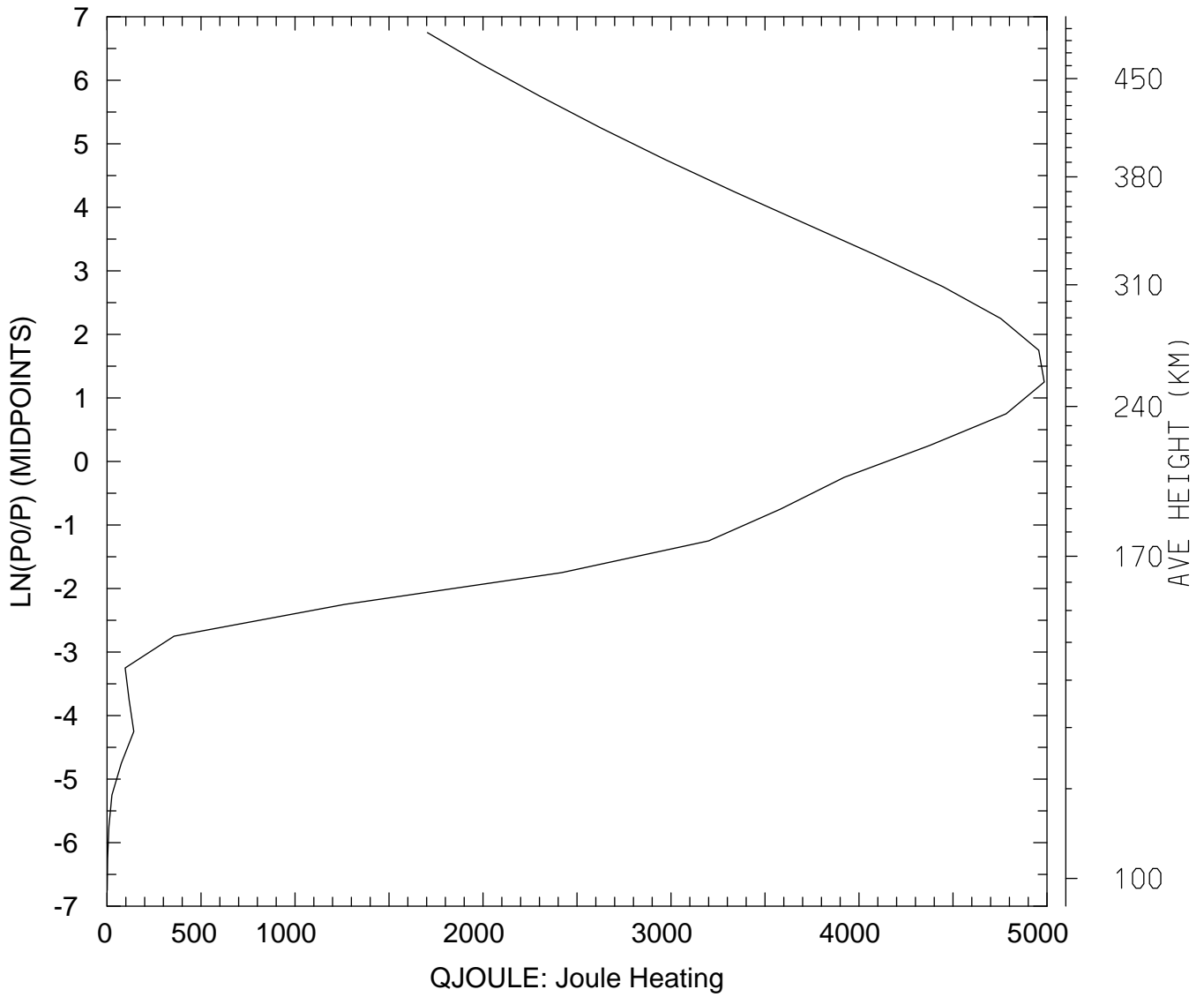


QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



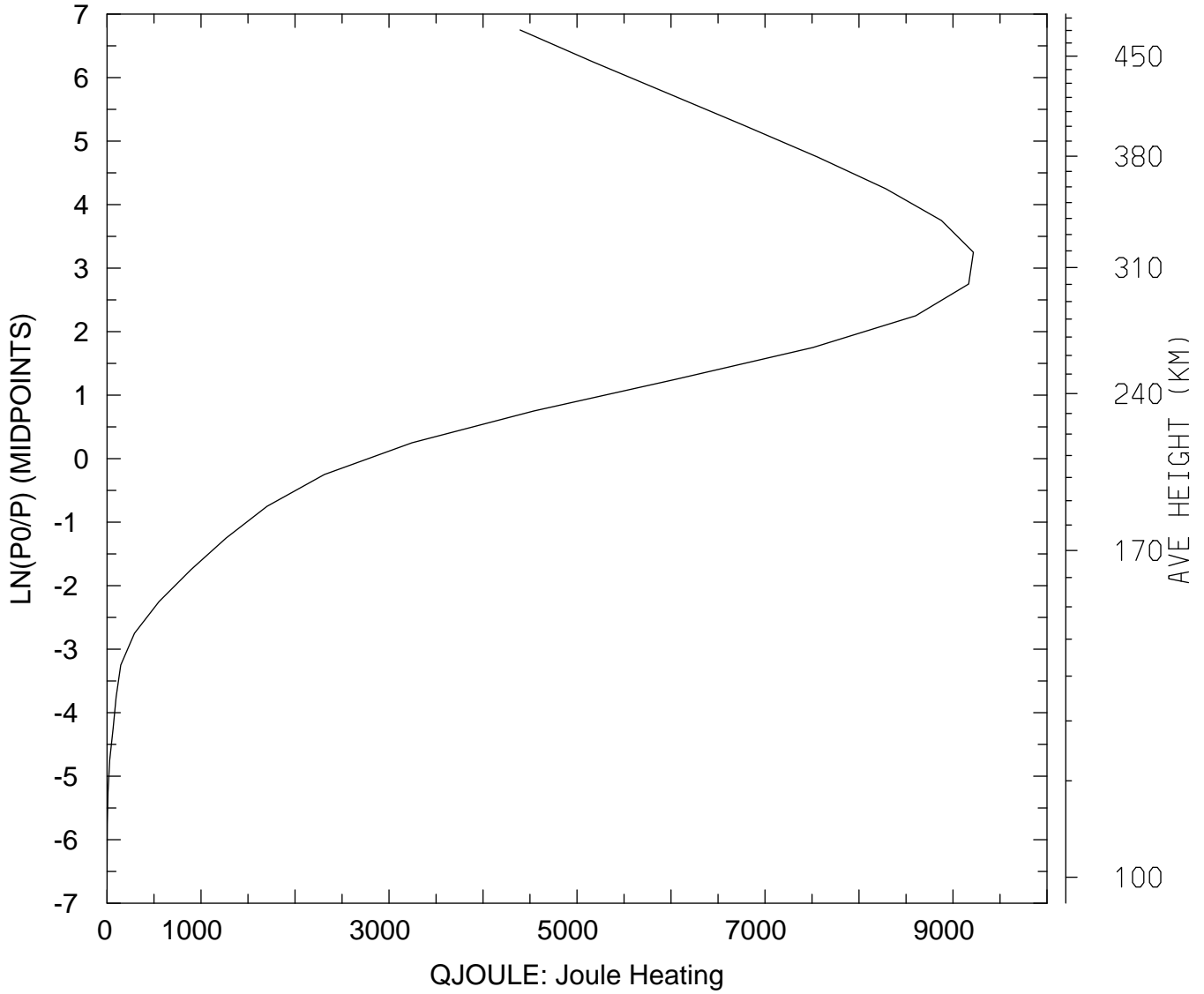
MIN,MAX= 3.0893E-03 1.2484E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



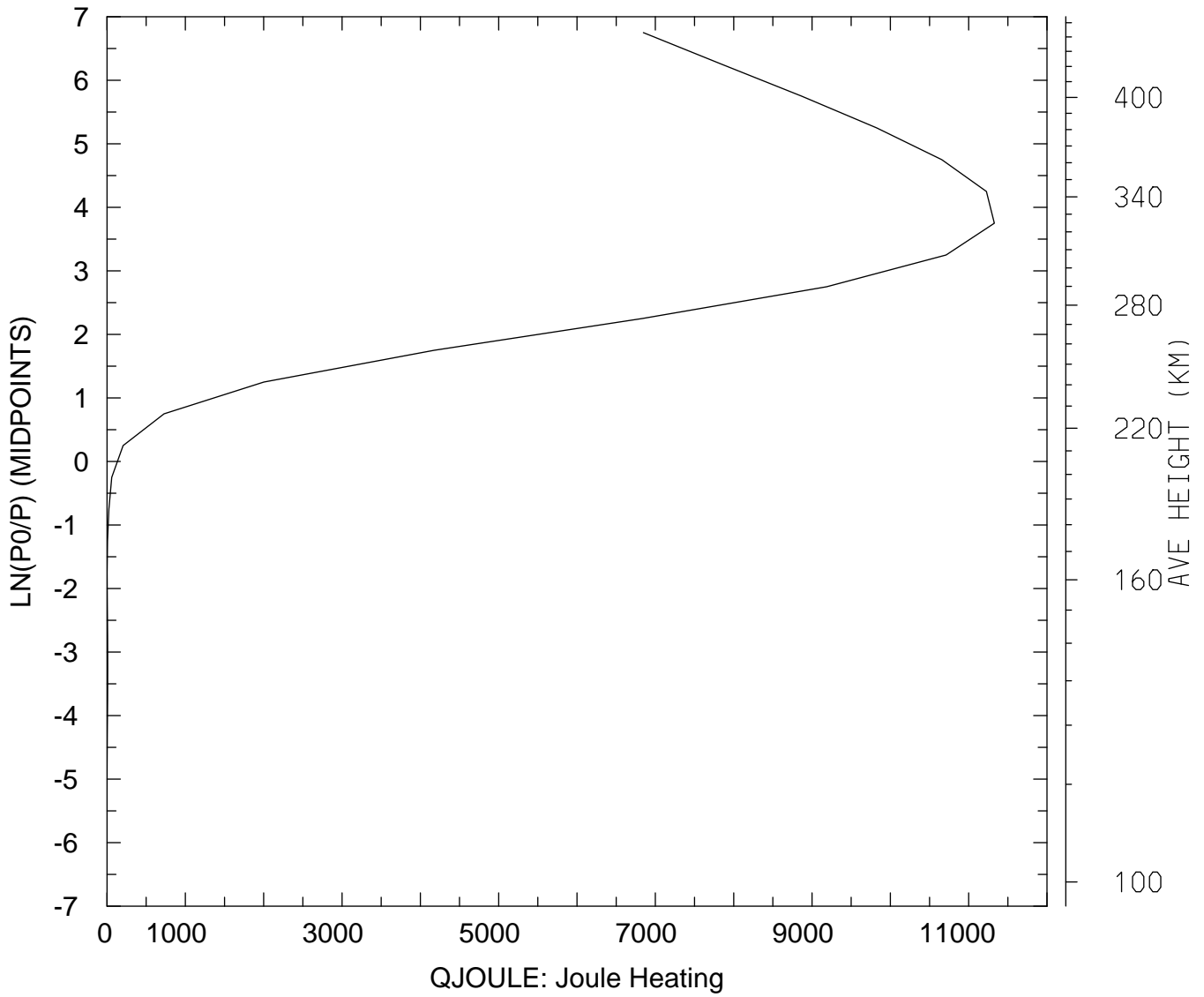
MIN,MAX= 1.0381E+00 4.9853E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



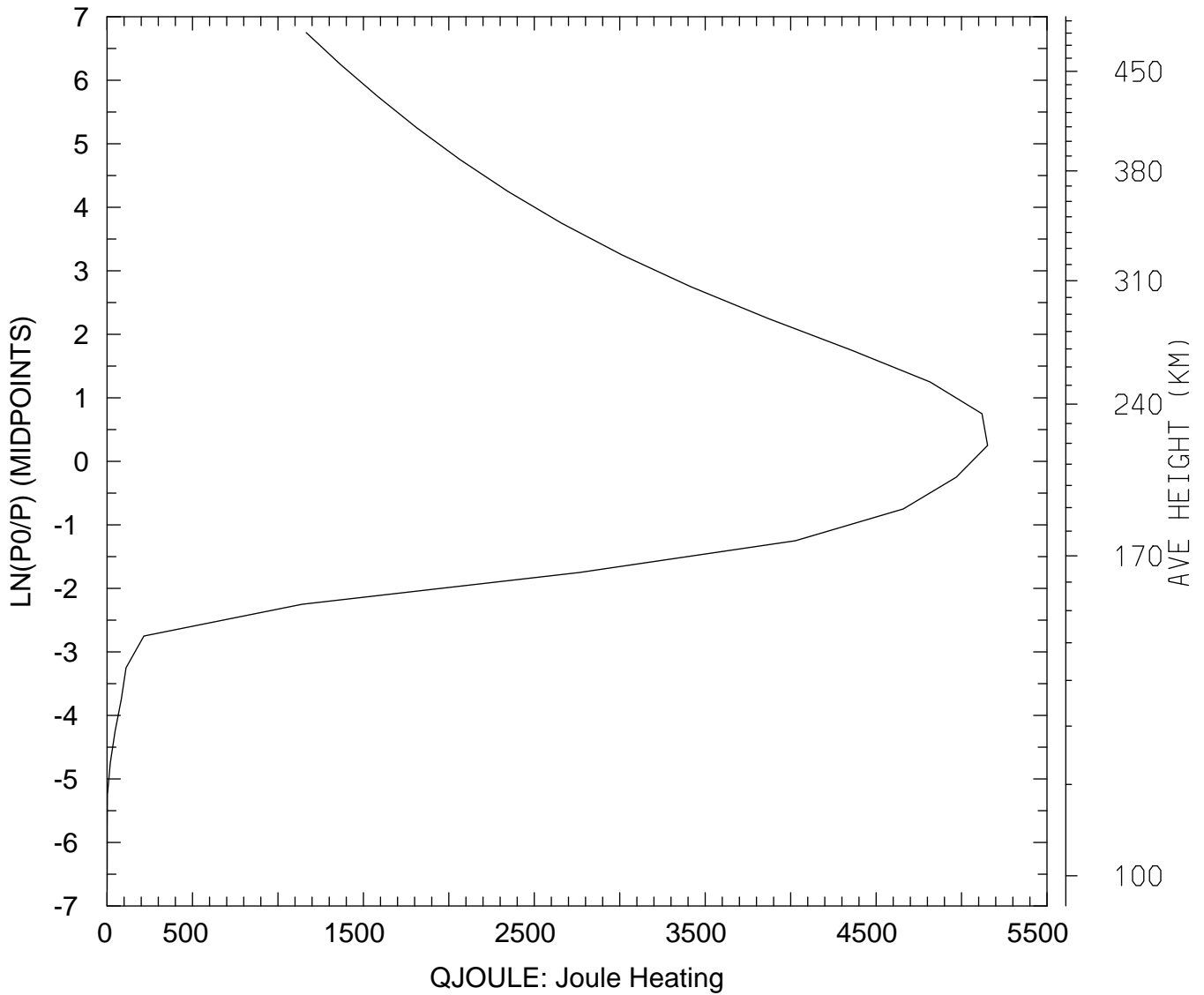
MIN,MAX= 2.7145E-01 9.2172E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



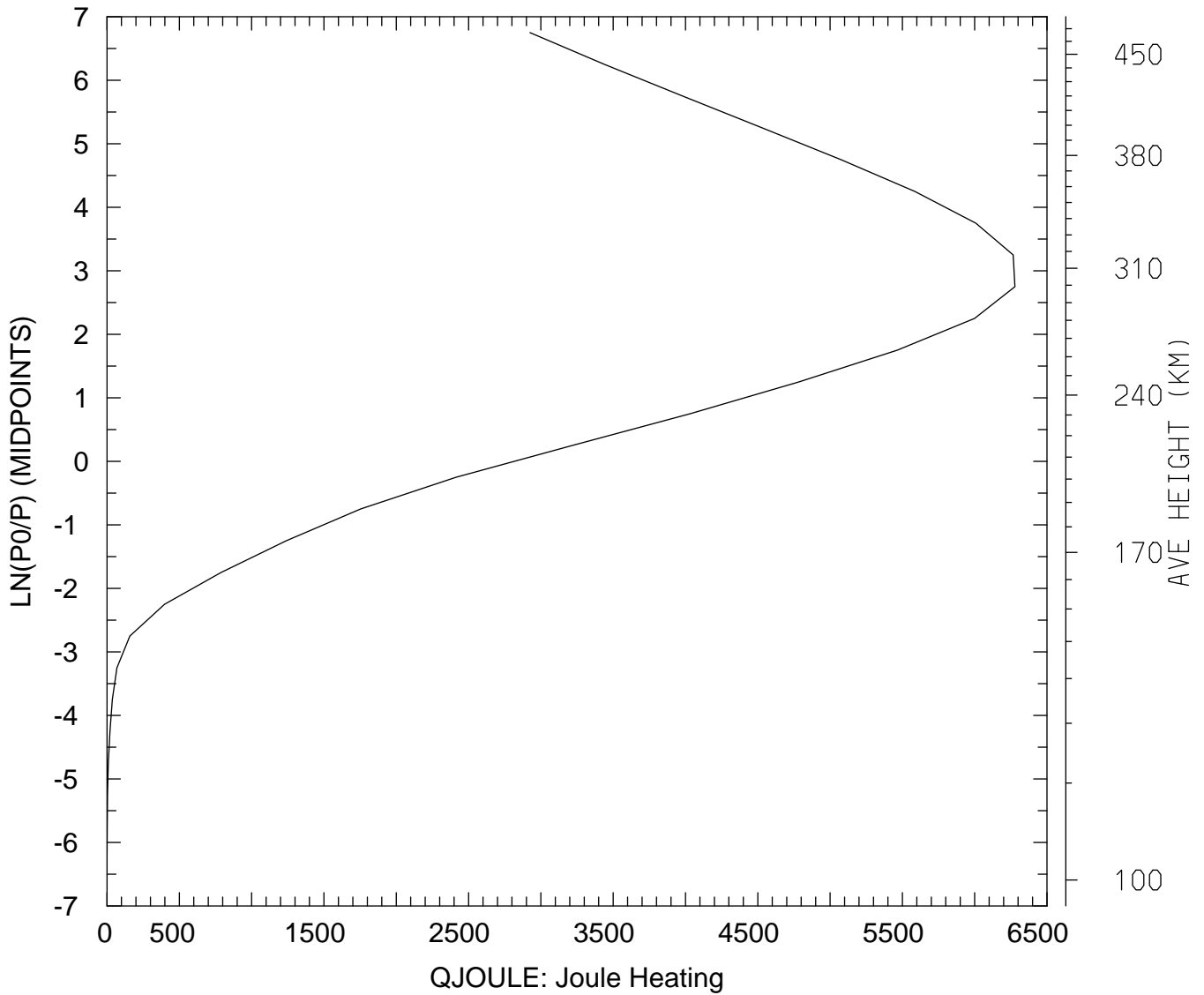
MIN,MAX= 2.5238E-02 1.1328E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



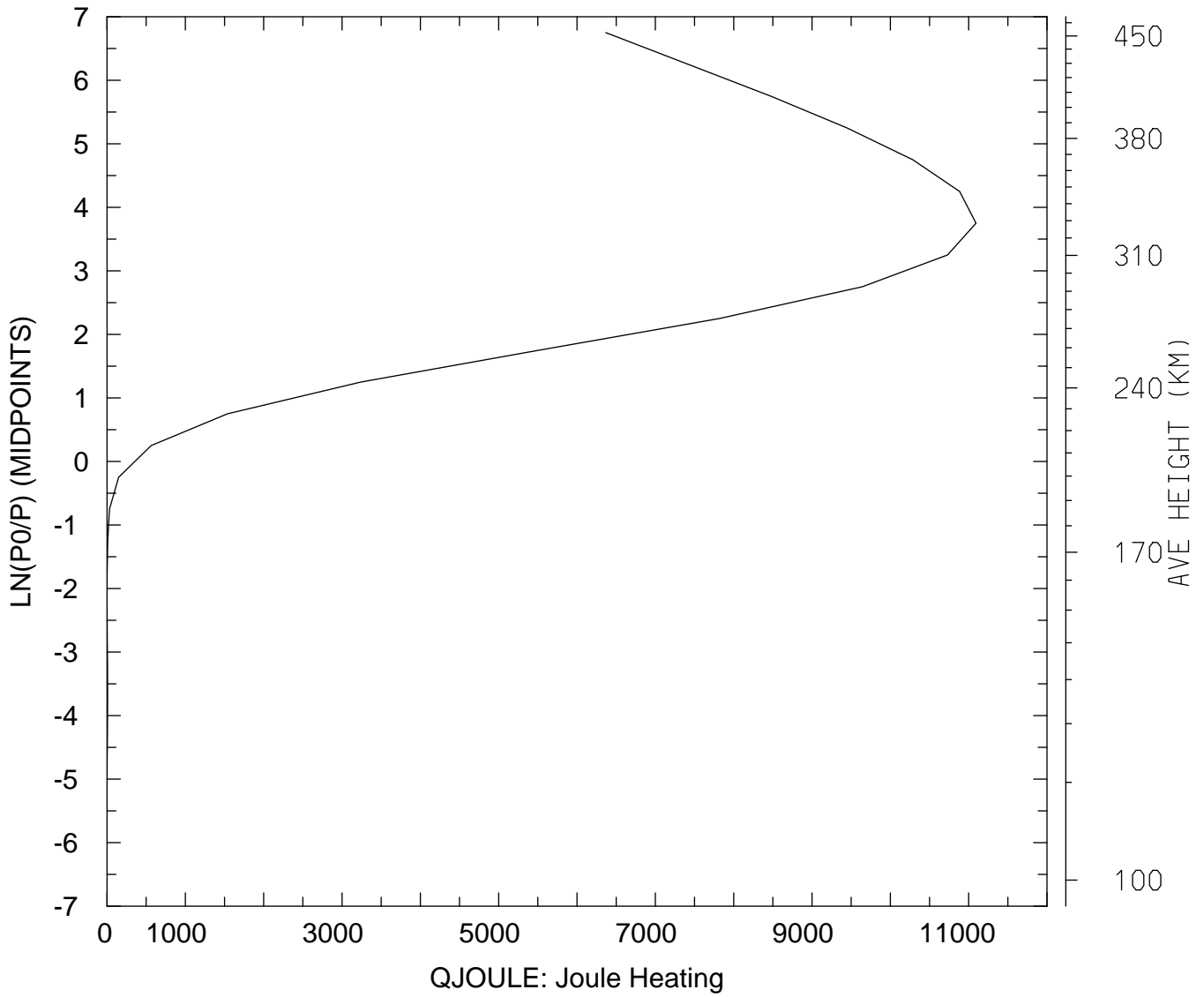
MIN,MAX= 5.6601E-01 5.1523E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



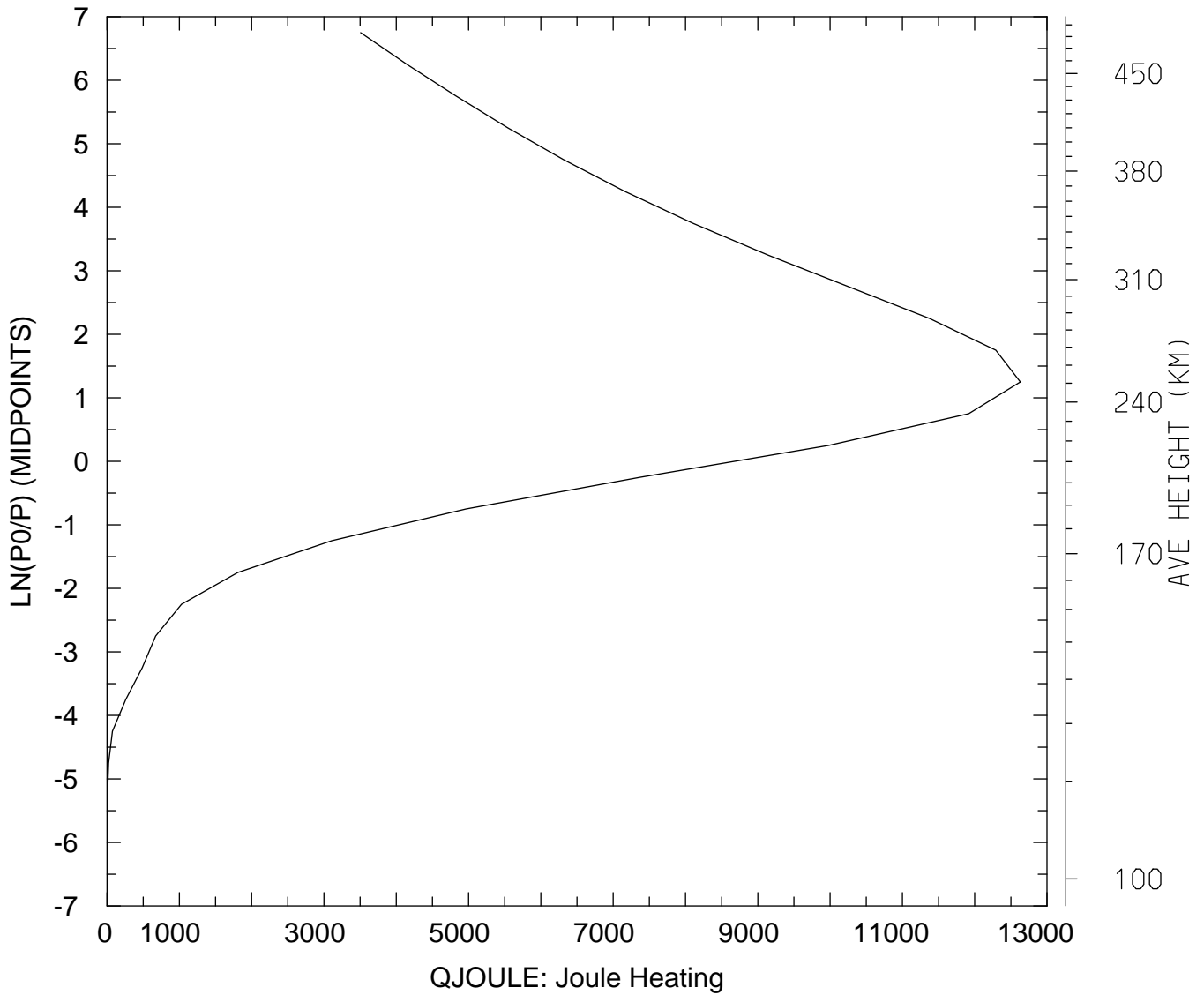
MIN,MAX= 1.5530E-01 6.2781E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



MIN,MAX= 6.1956E-03 1.1094E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

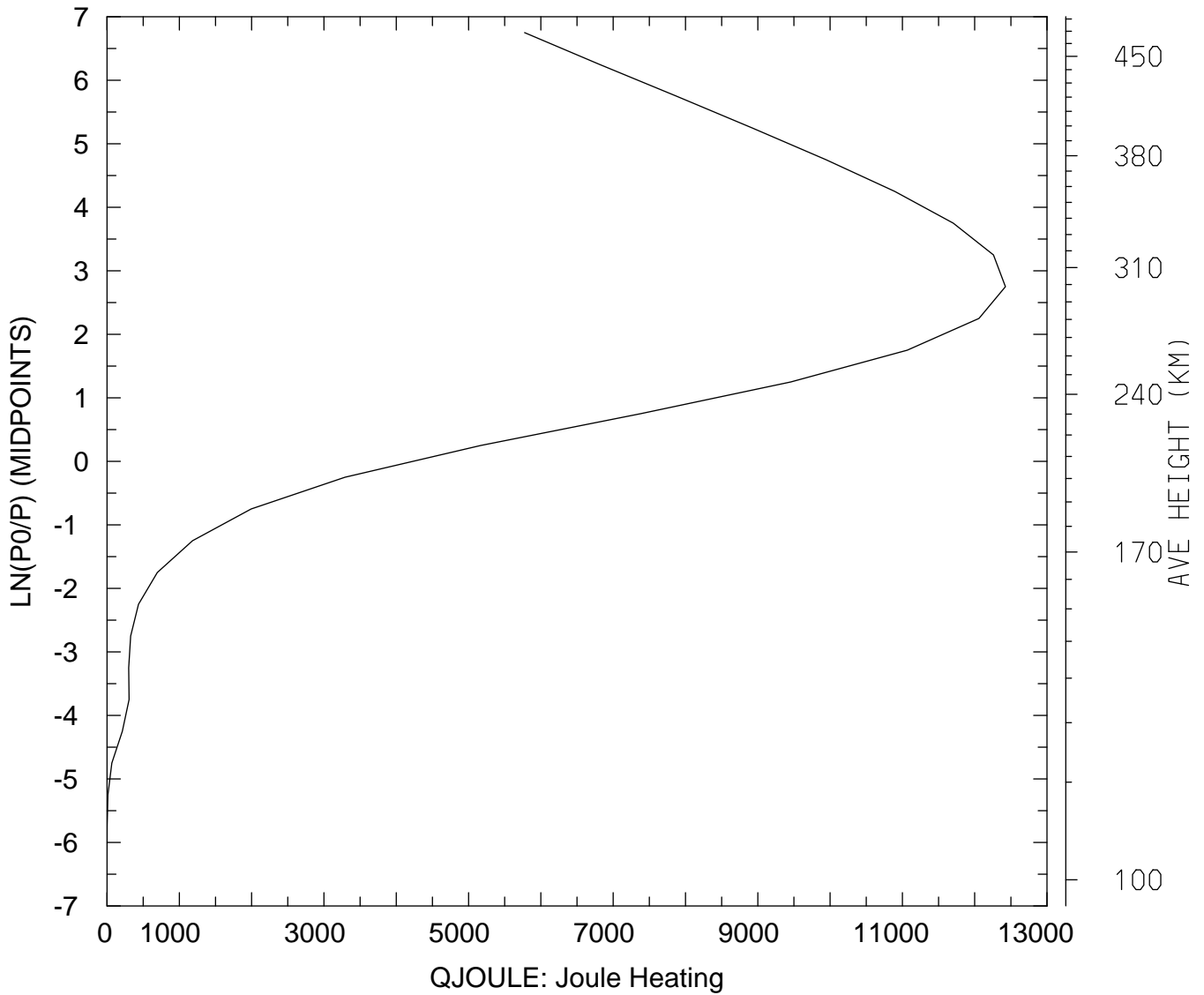
QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



MIN,MAX= 2.0752E-02 1.2631E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

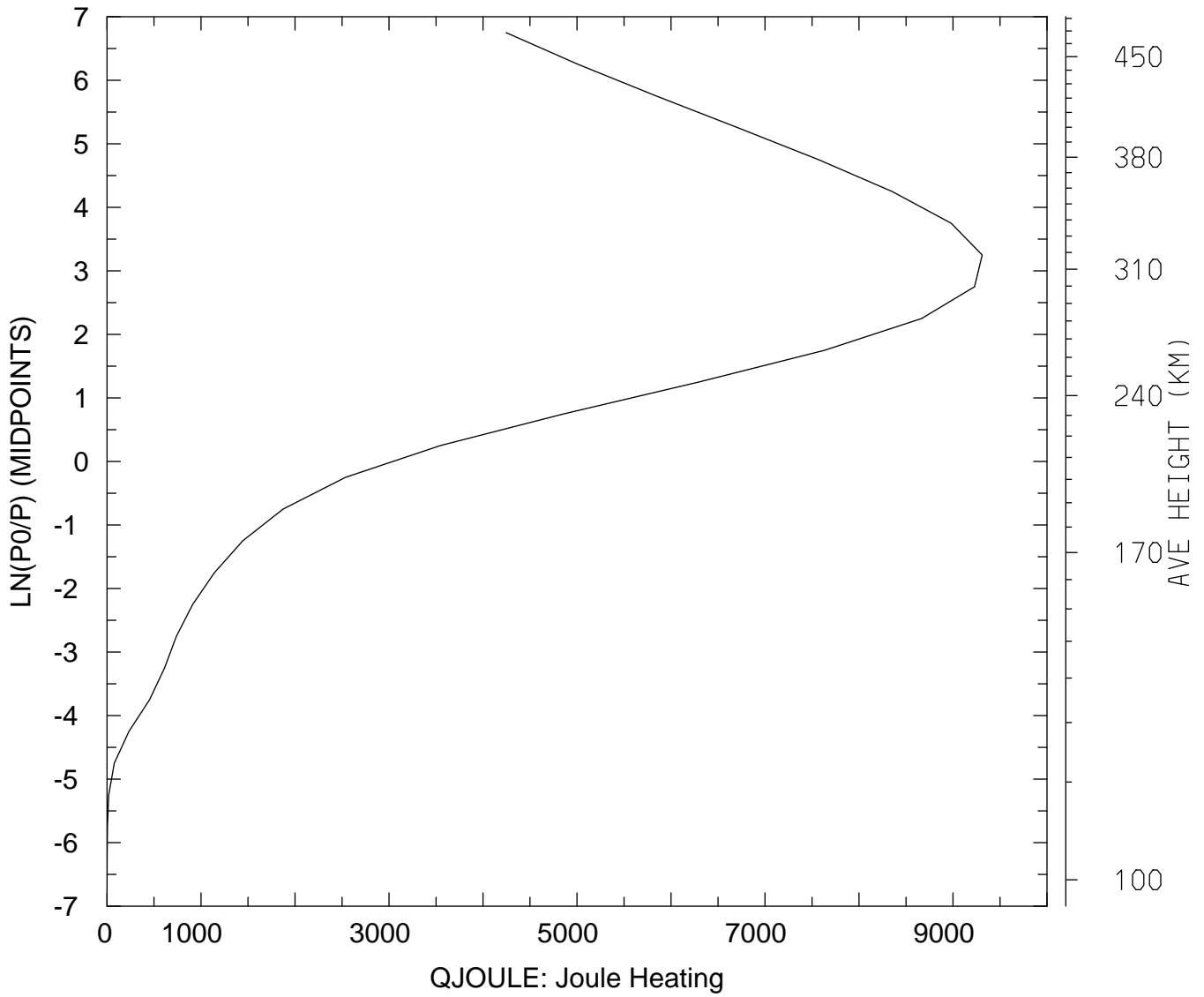


QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



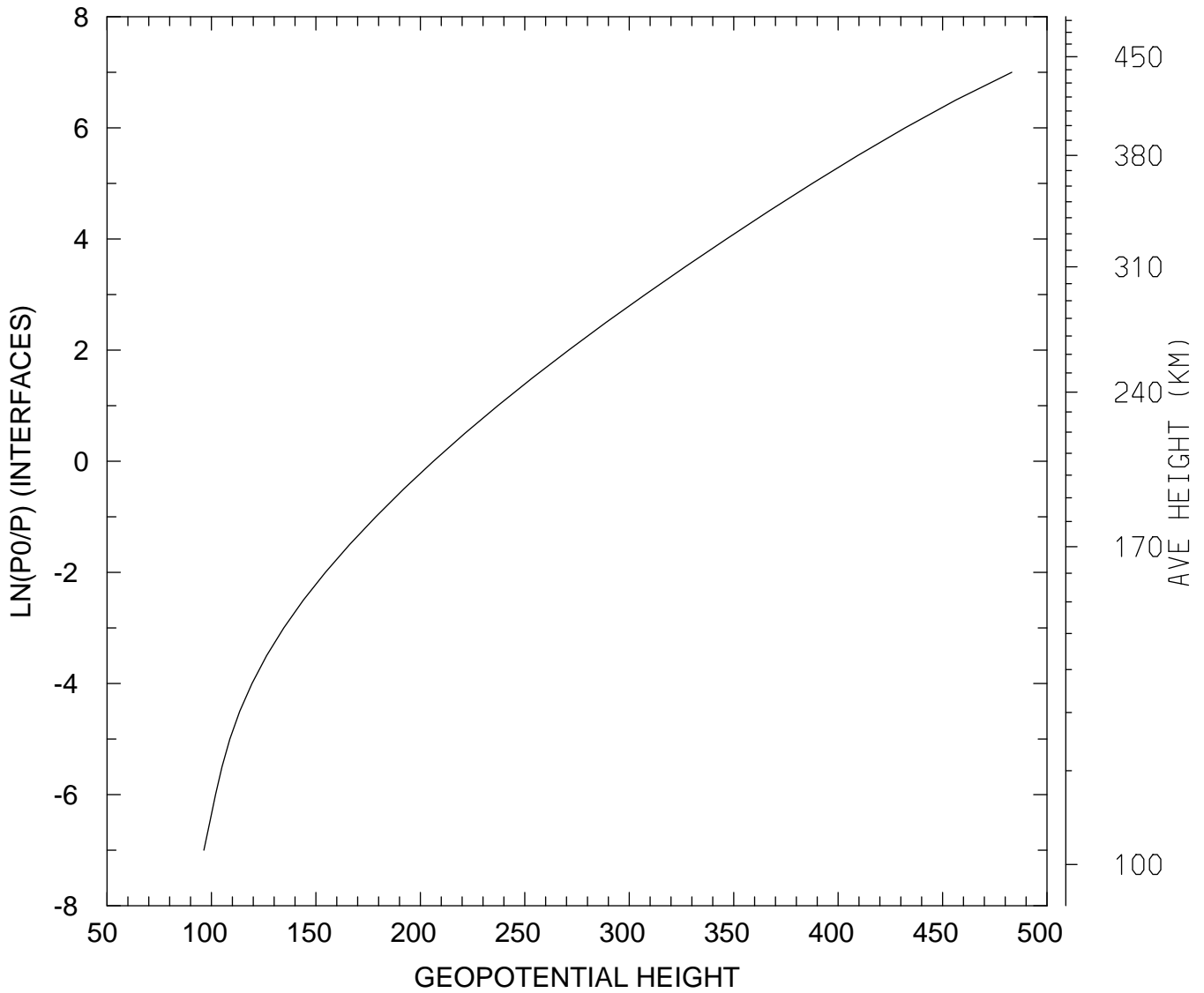
MIN,MAX= 3.2097E-02 1.2425E+04  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 GLOBAL MEANS



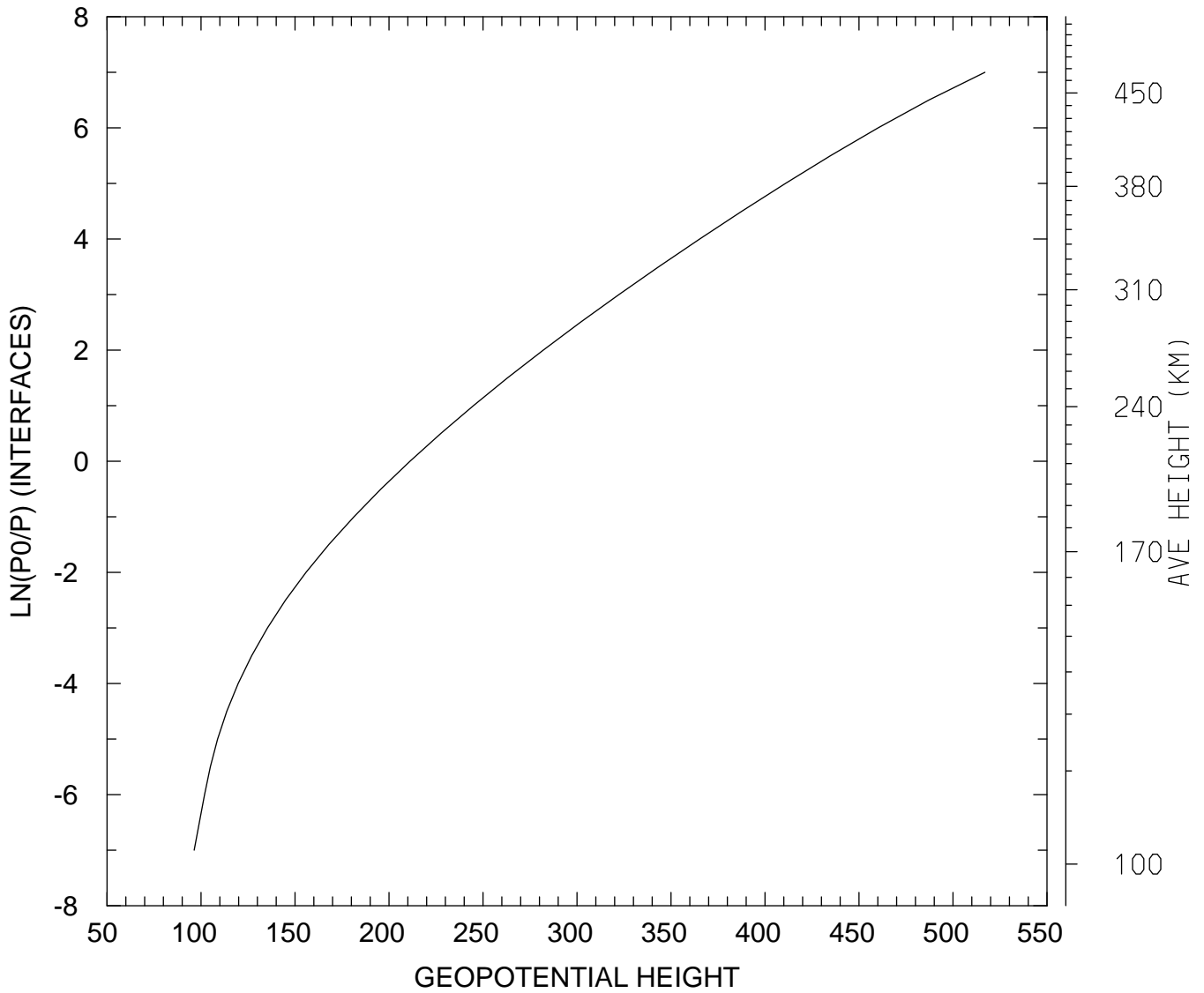
MIN,MAX= 5.6640E-01 9.3107E+03  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



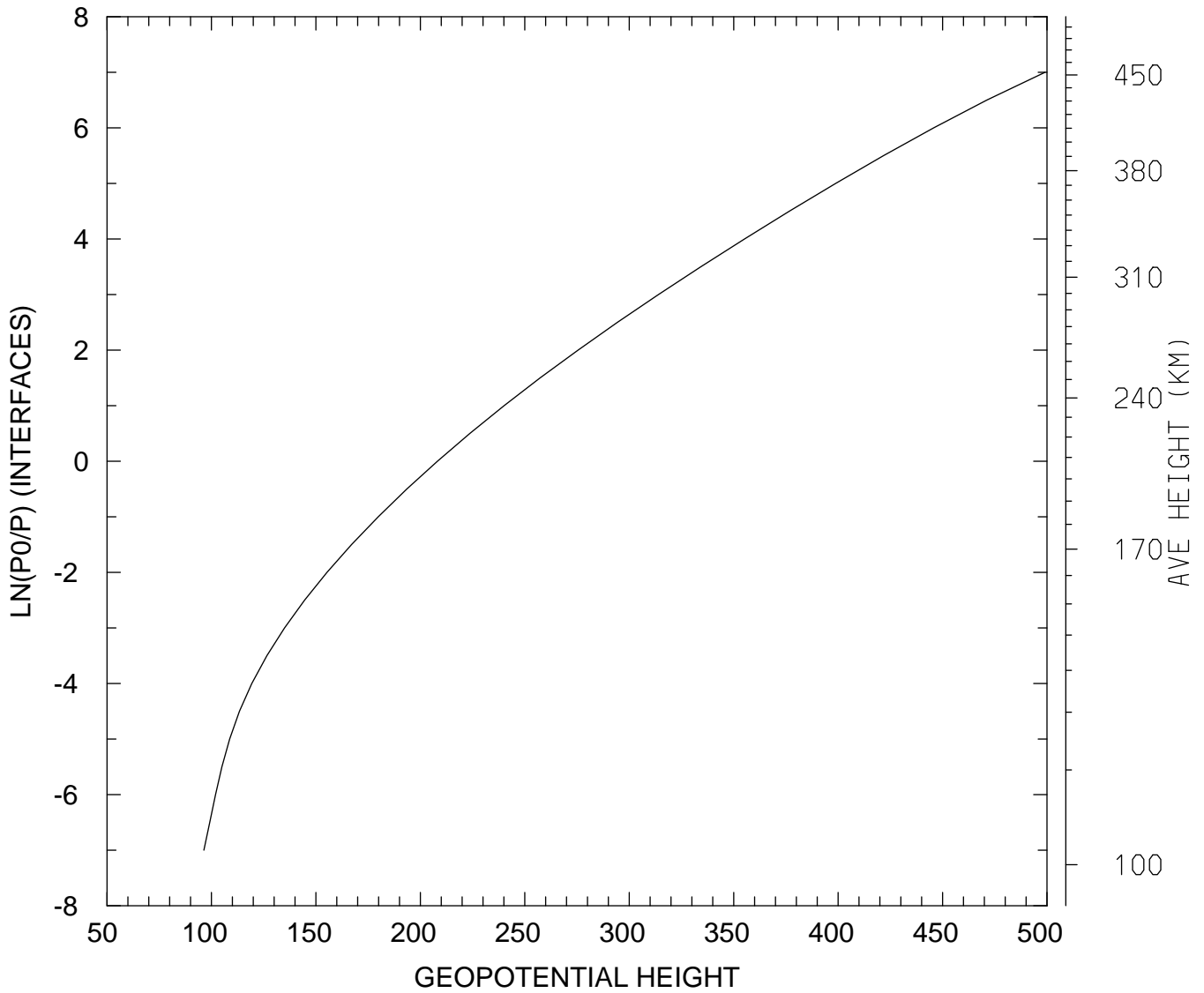
MIN,MAX= 9.6345E+01 4.8316E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



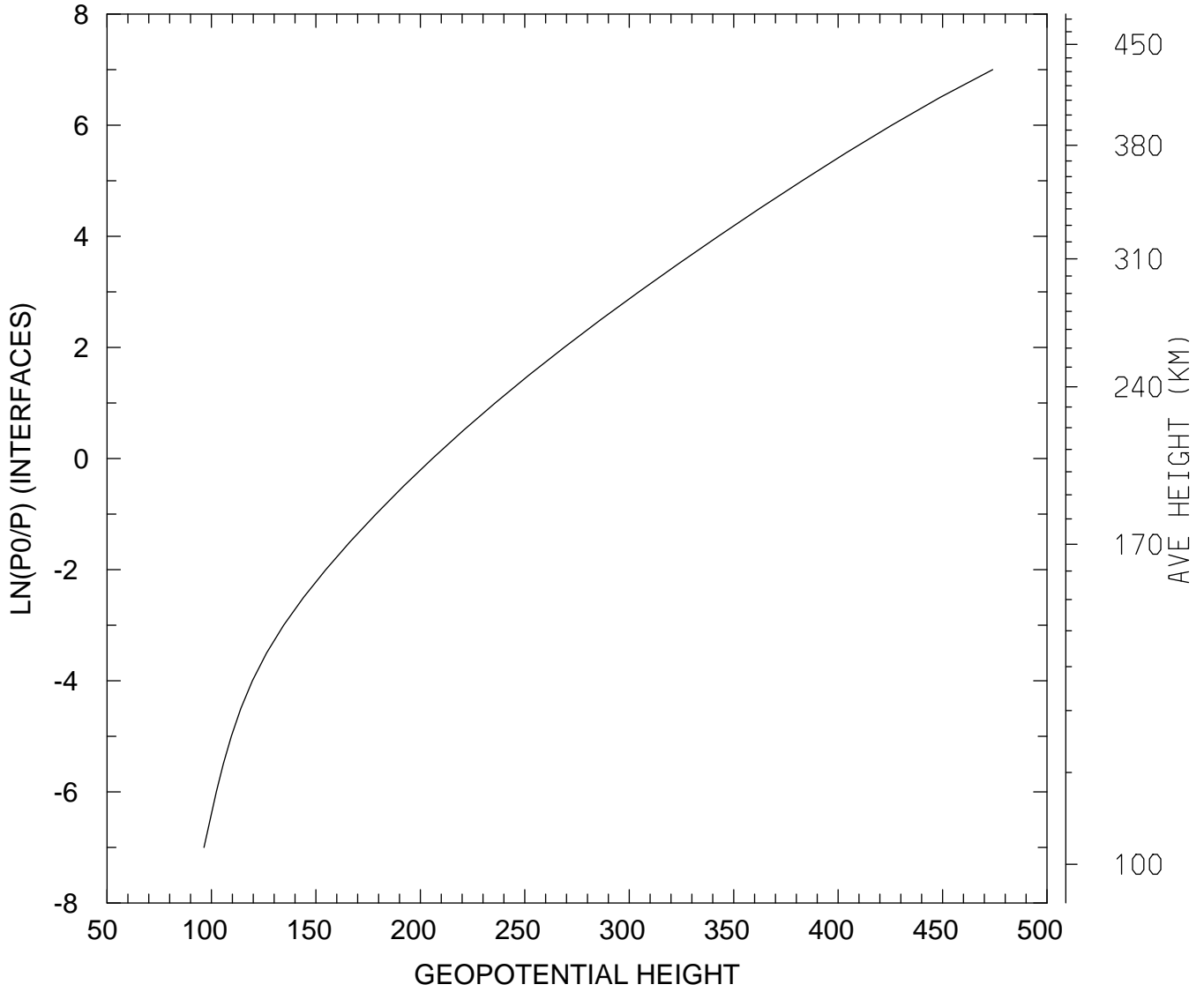
MIN,MAX= 9.6335E+01 5.1696E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



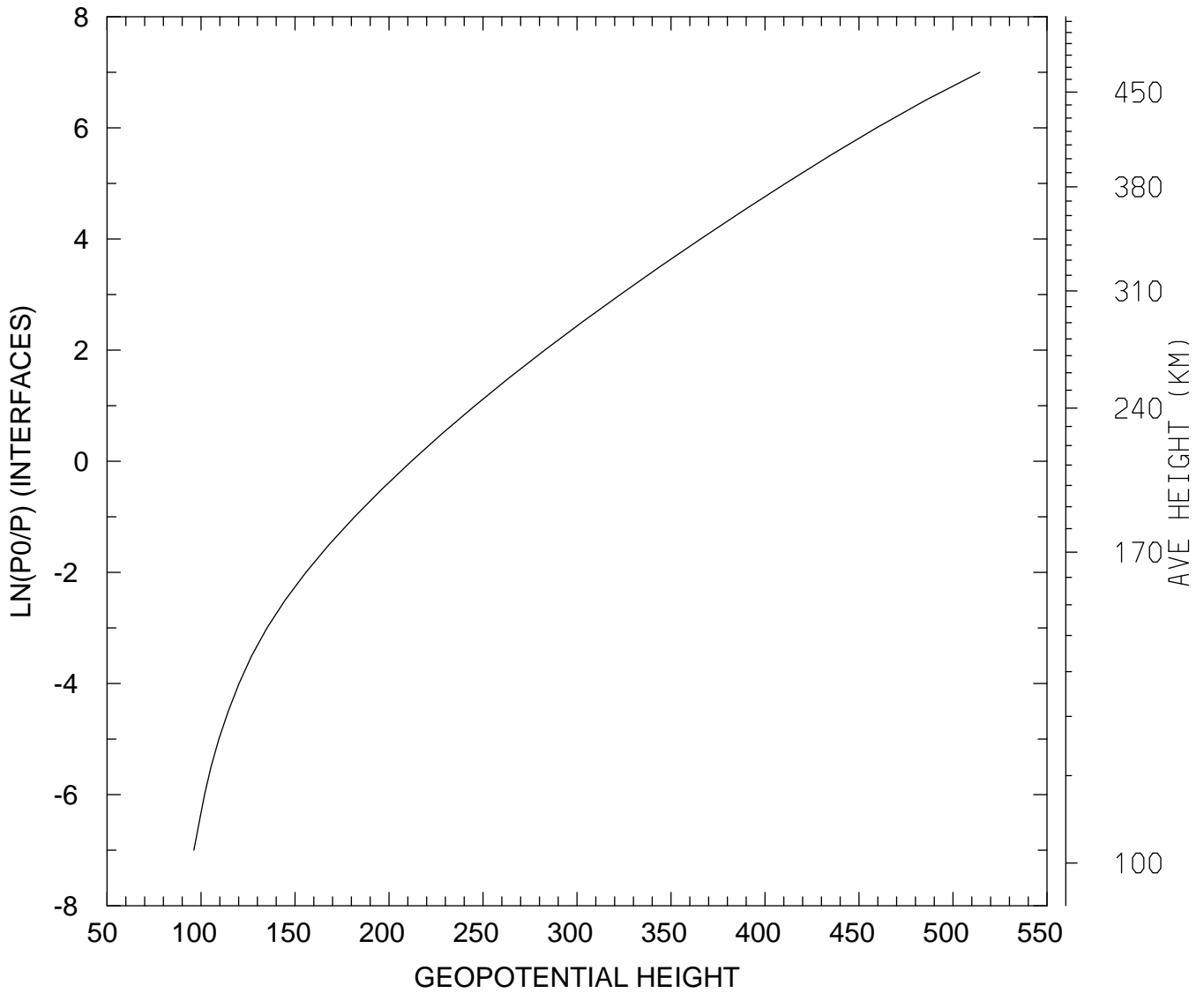
MIN,MAX= 9.6372E+01 4.9906E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



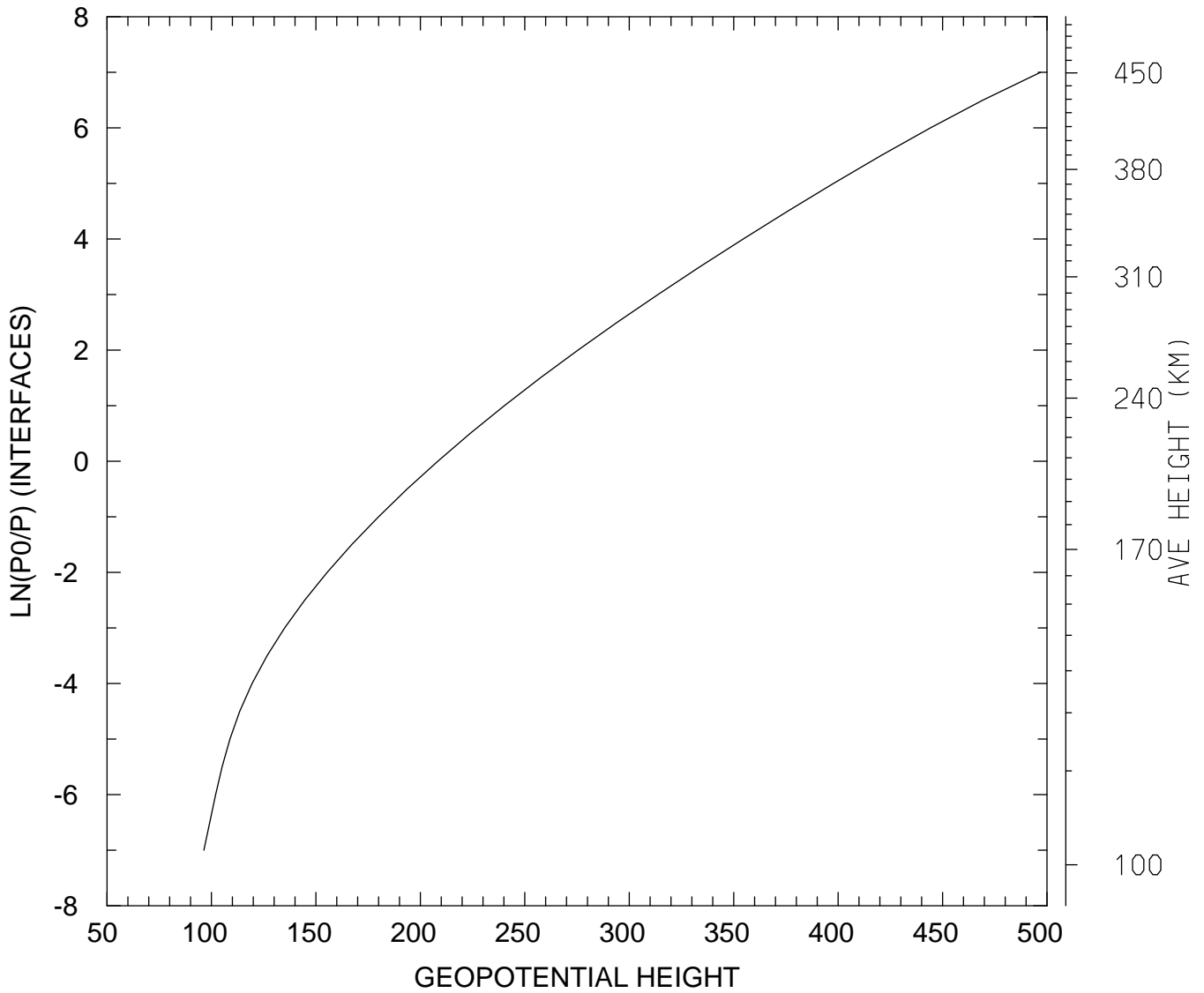
MIN,MAX= 9.6415E+01 4.7399E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



MIN,MAX= 9.6221E+01 5.1428E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

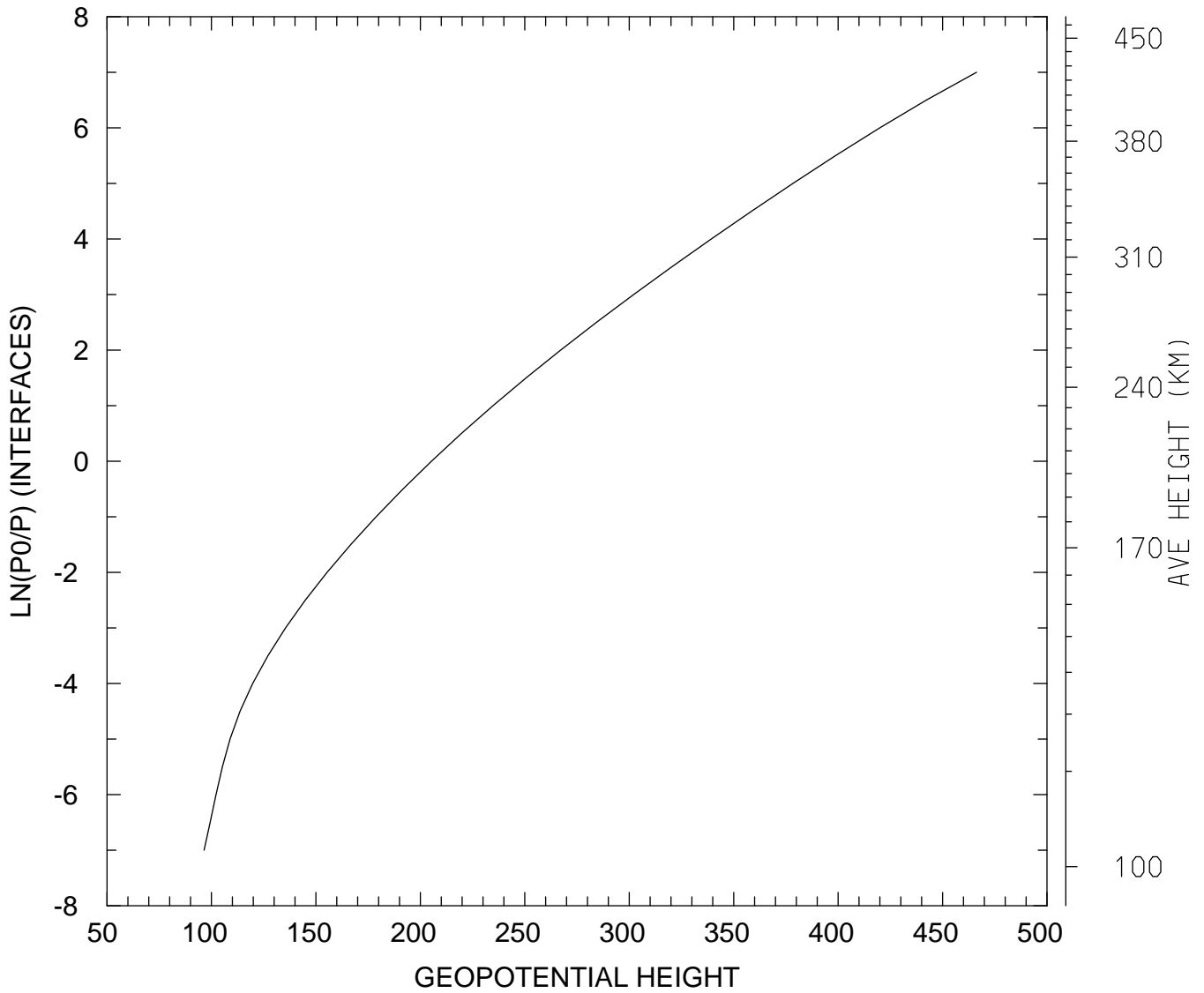
GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



MIN,MAX= 9.6370E+01 4.9689E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

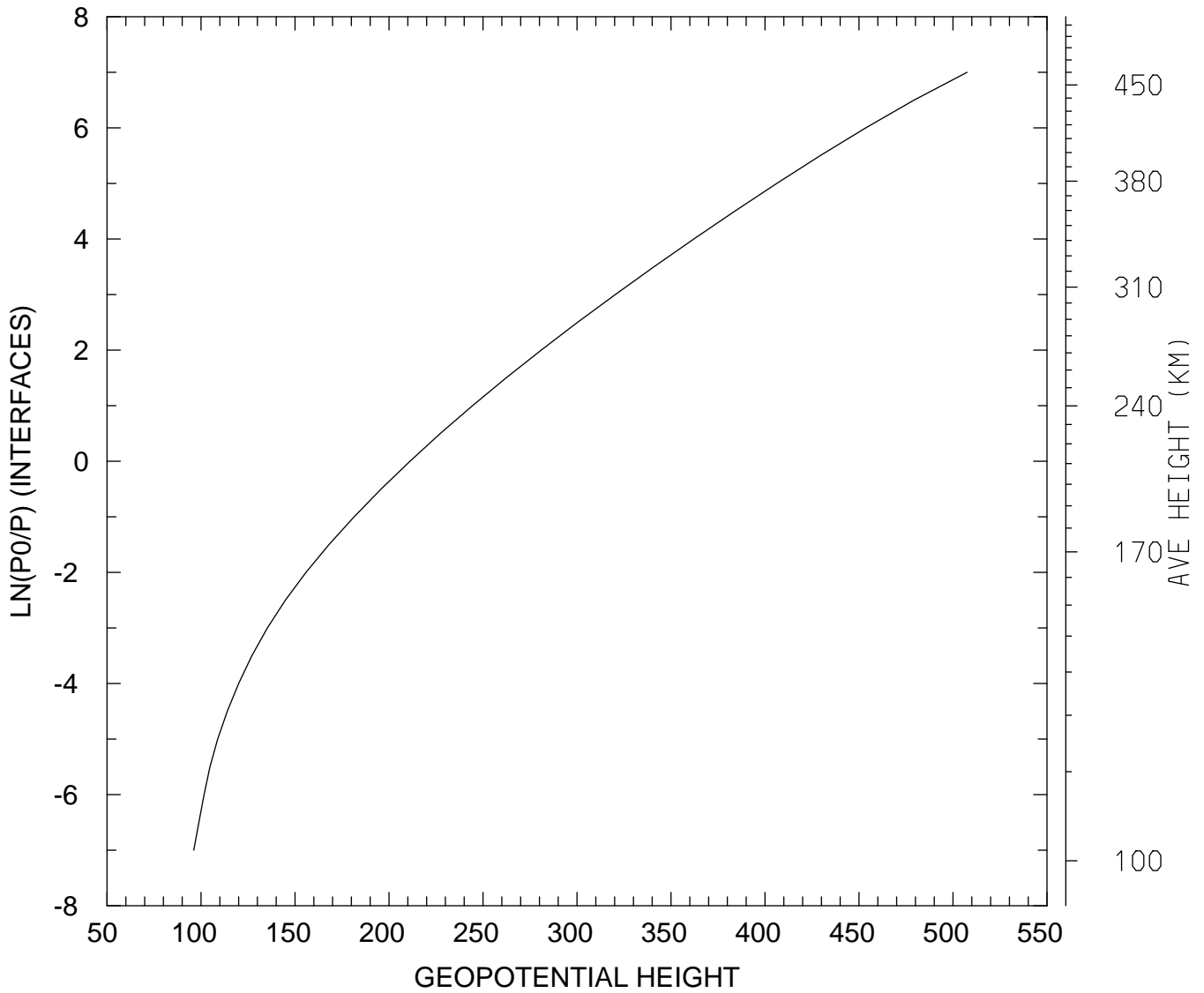


GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



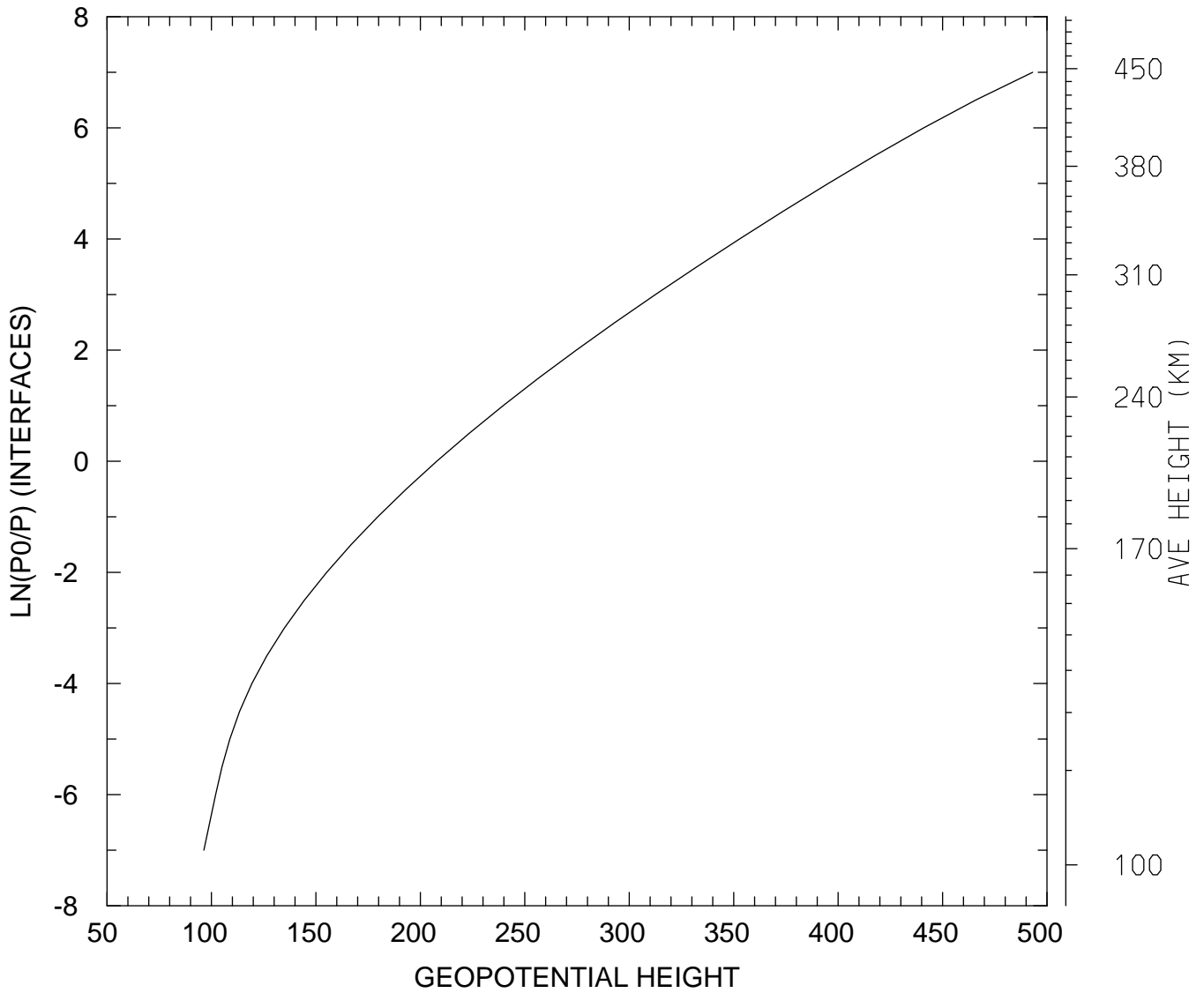
MIN,MAX= 9.6445E+01 4.6627E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



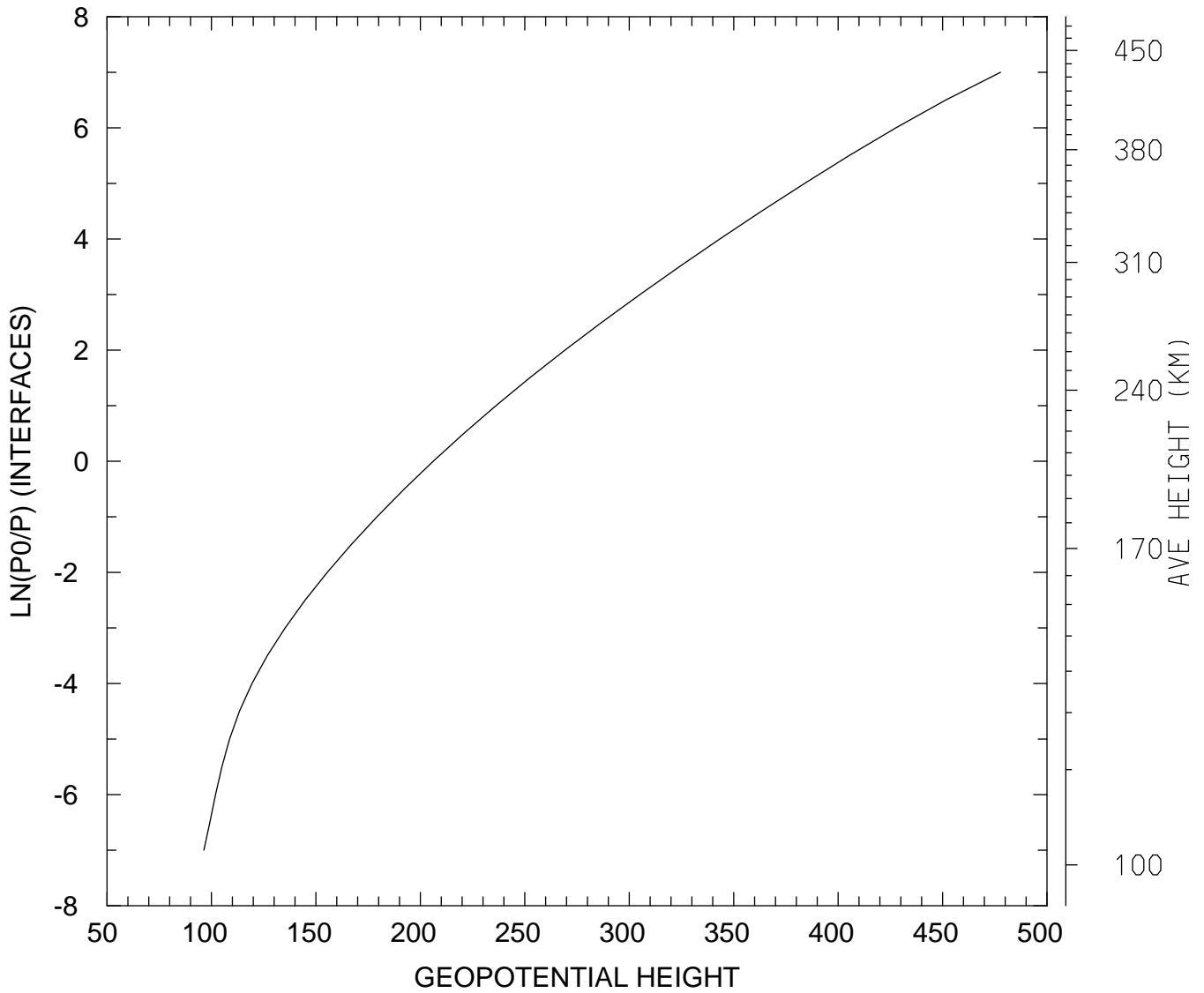
MIN,MAX= 9.6159E+01 5.0746E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



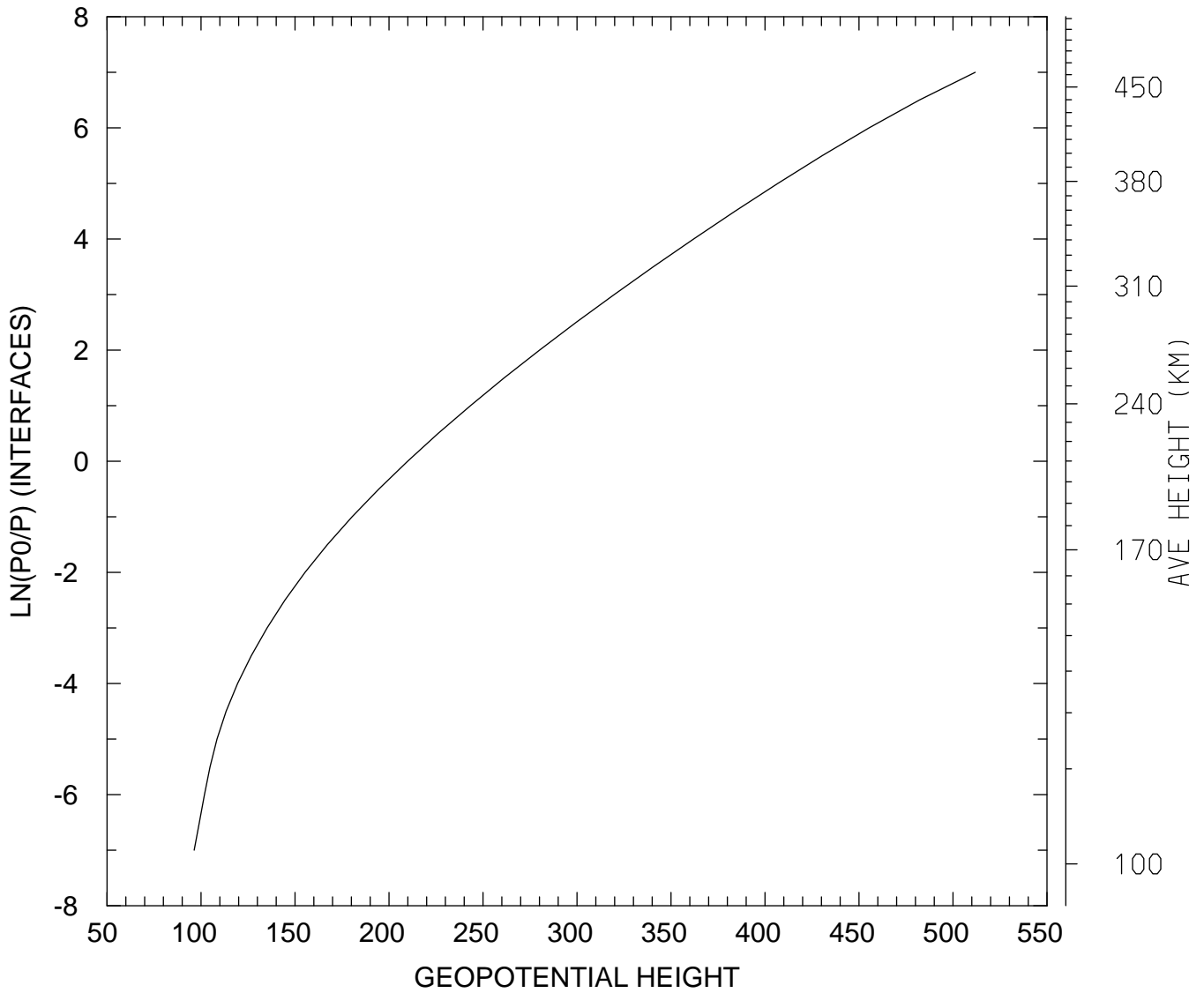
MIN,MAX= 9.6369E+01 4.9313E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



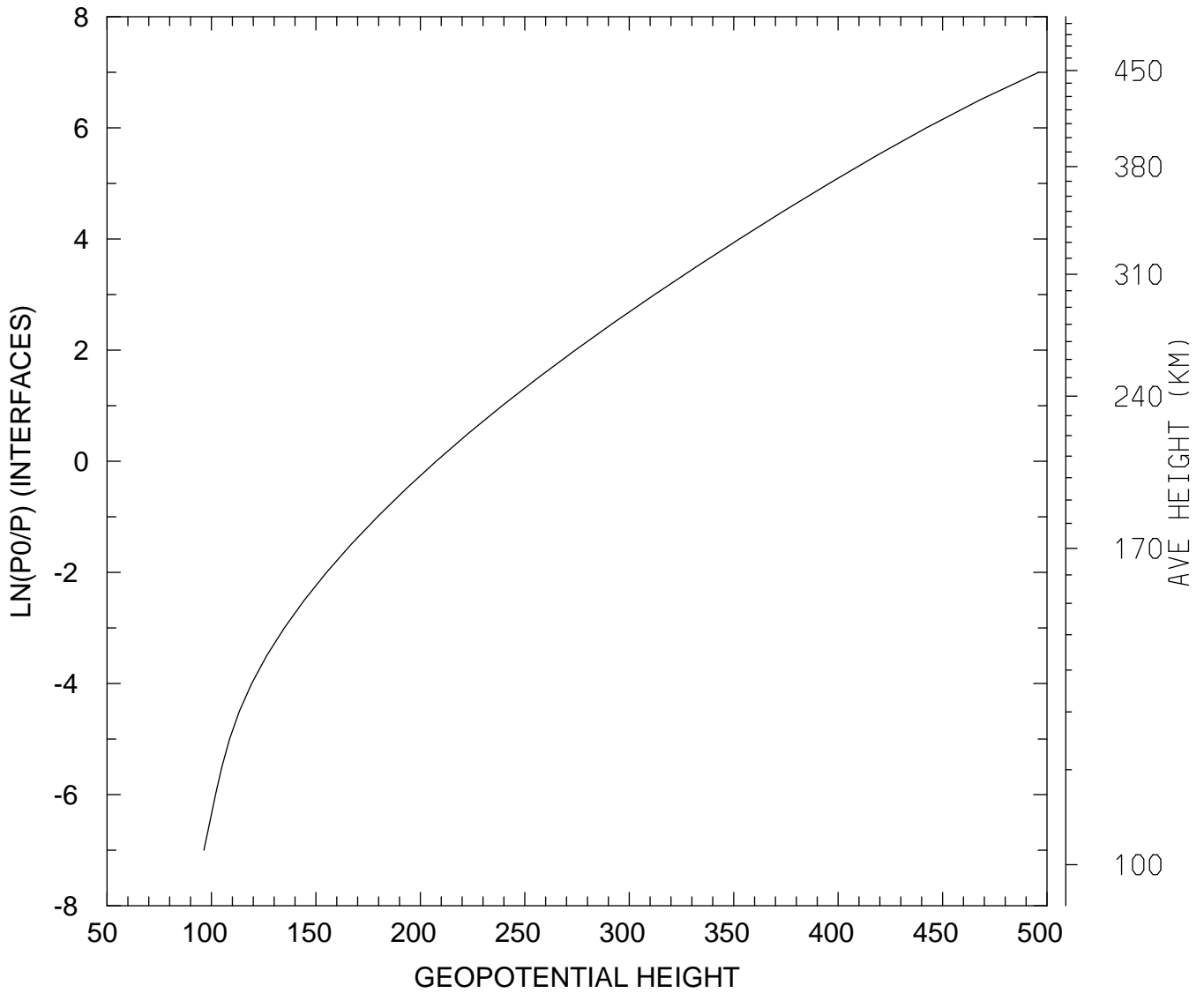
MIN,MAX= 9.6375E+01 4.7773E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



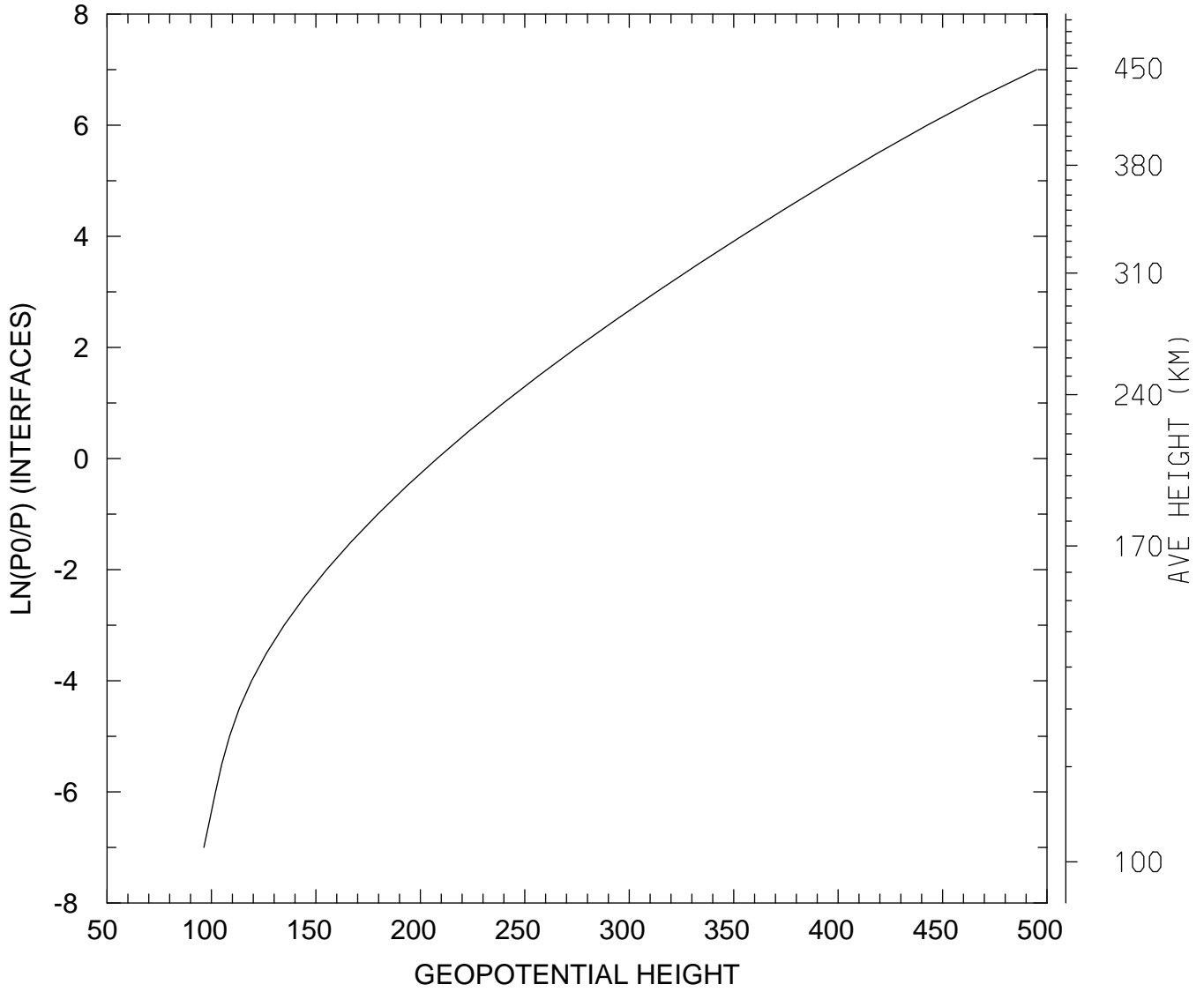
MIN,MAX= 9.6369E+01 5.1183E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



MIN,MAX= 9.6372E+01 4.9603E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 GLOBAL MEANS



MIN,MAX= 9.6372E+01 4.9502E+02  
tiegcm\_trunk (DAY,HR,MIN=269, 0, 0)  
tiegcm2.0\_res5.0\_sepeqx\_smin\_sech\_005.nc