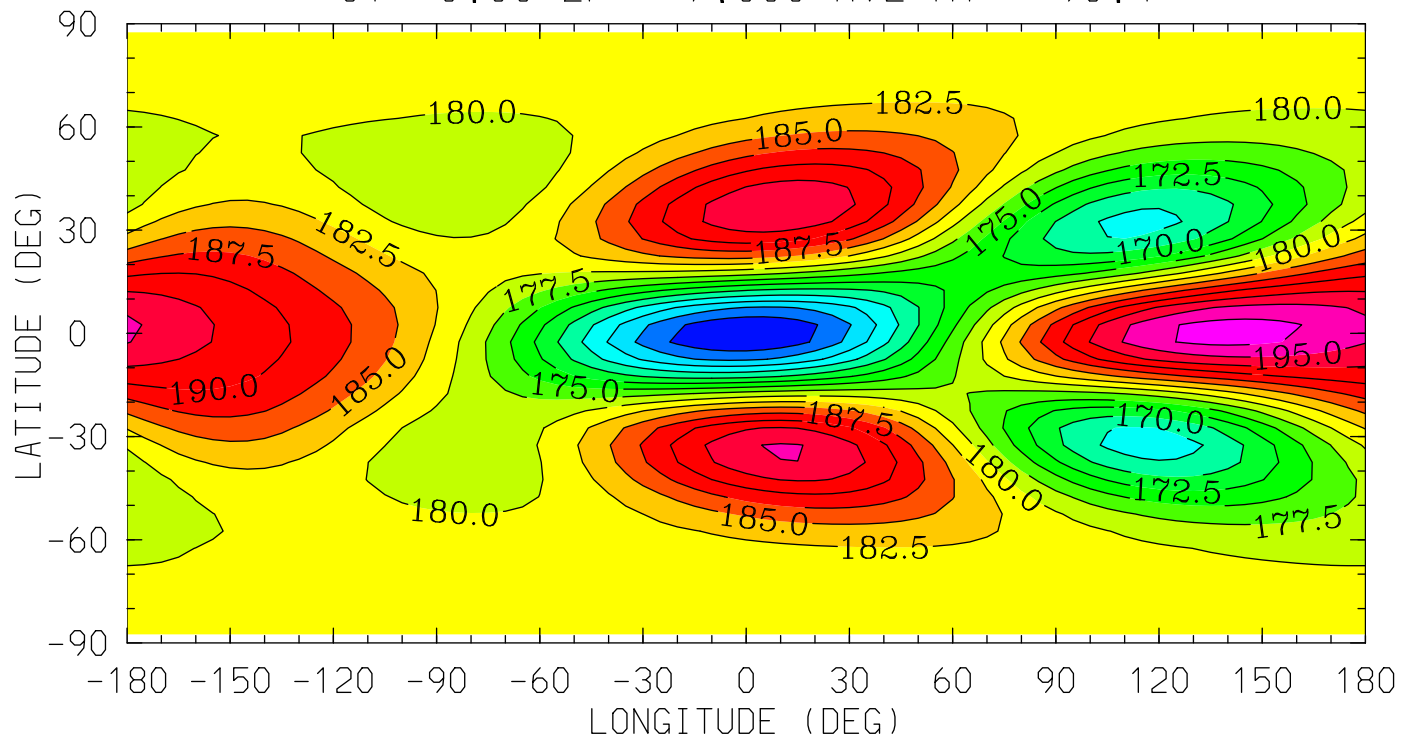
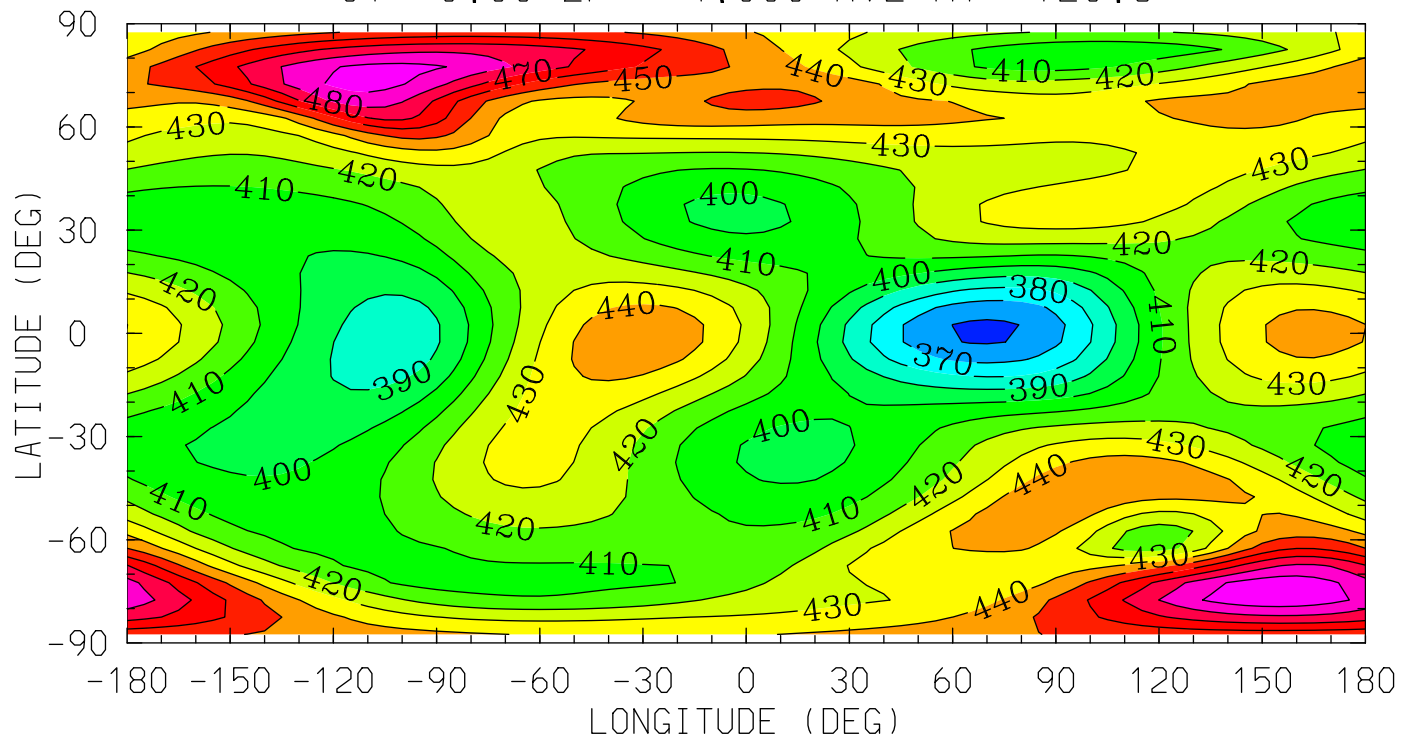


TN (DEG K)  
NEUTRAL TEMPERATURE  
UT= 0.00 ZP= -7.000 AVE HT= 96.4



MIN,MAX= 1.5774E+02 1.9842E+02 INTERVAL= 2.5000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

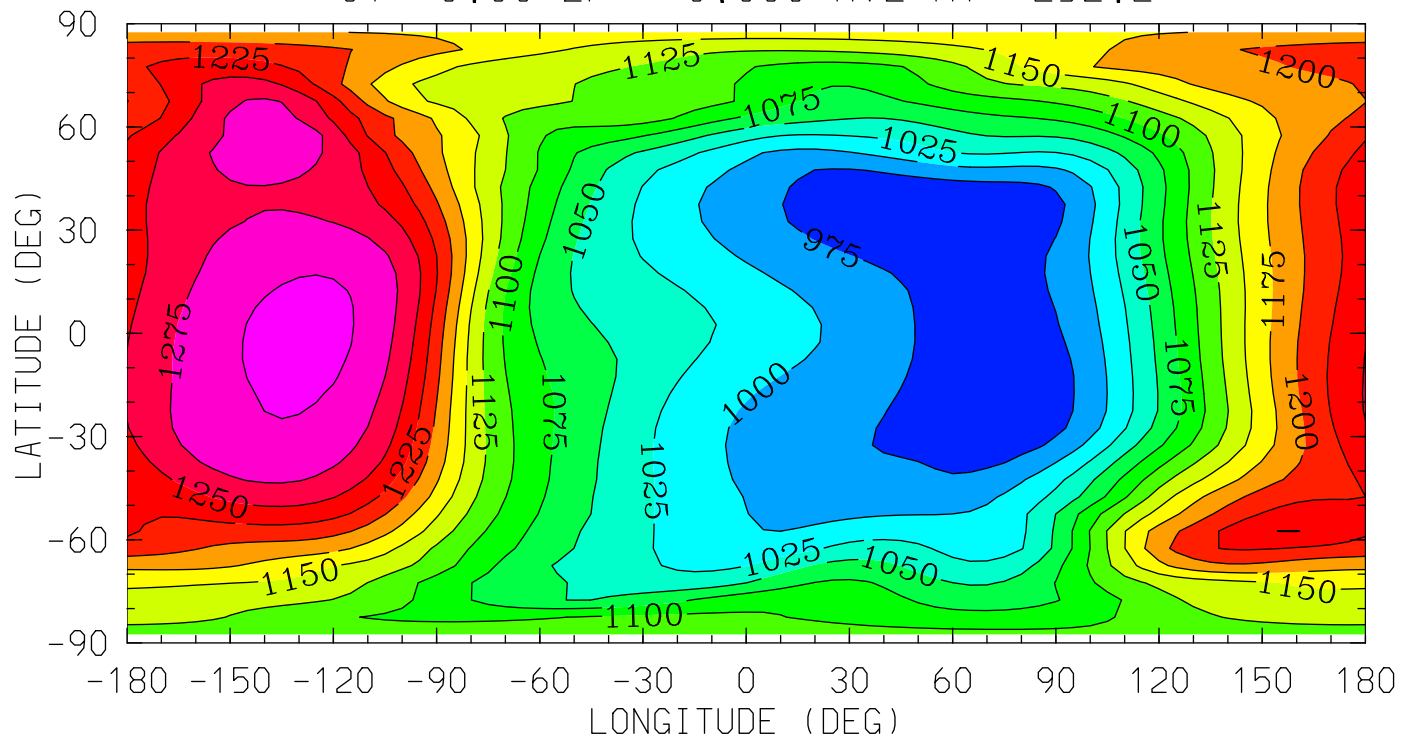
TN (DEG K)  
NEUTRAL TEMPERATURE  
UT= 0.00 ZP= -4.000 AVE HT= 120.8



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

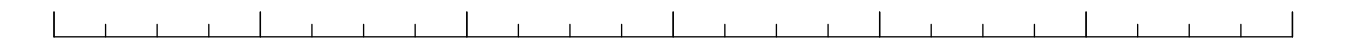
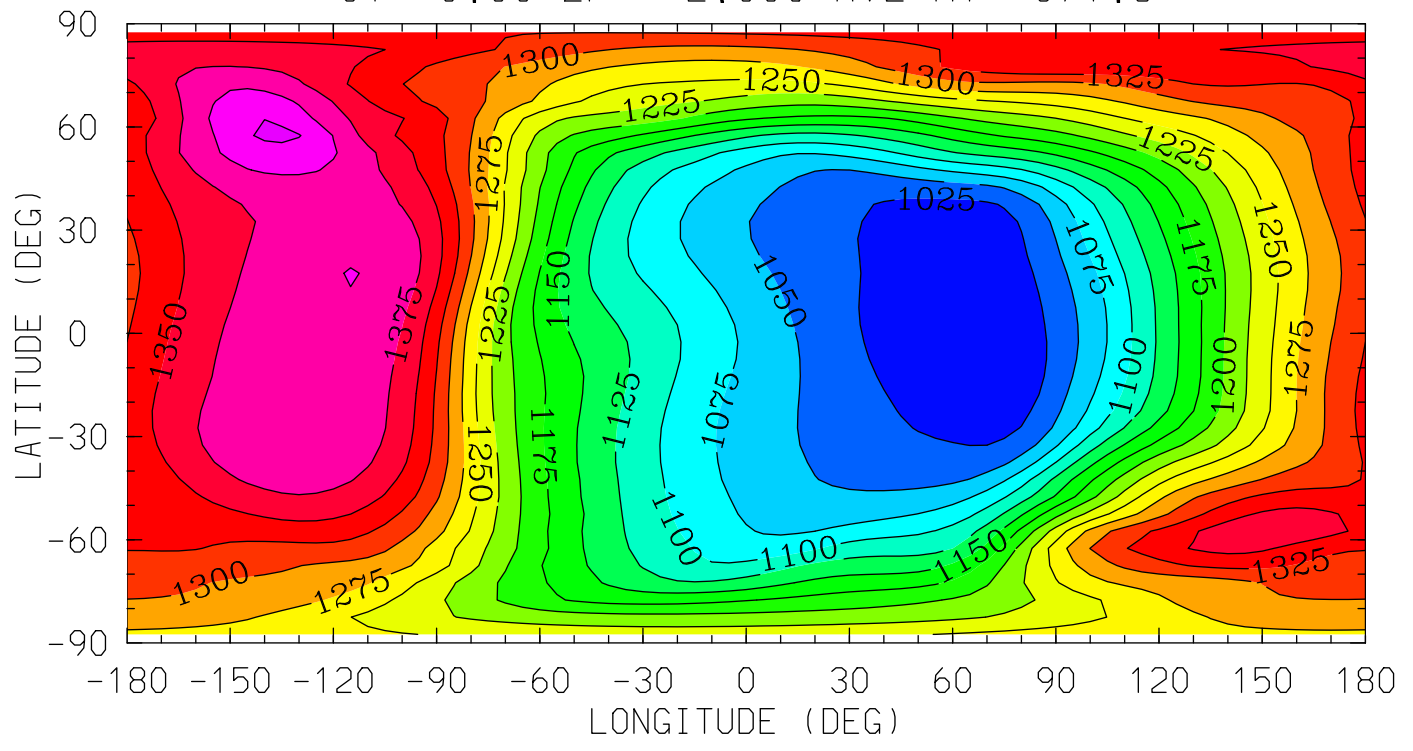
MIN,MAX= 3.5799E+02 4.9727E+02 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

TN (DEG K)  
NEUTRAL TEMPERATURE  
UT= 0.00 ZP= 0.000 AVE HT= 252.2



MIN,MAX= 9.5117E+02 1.3082E+03 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

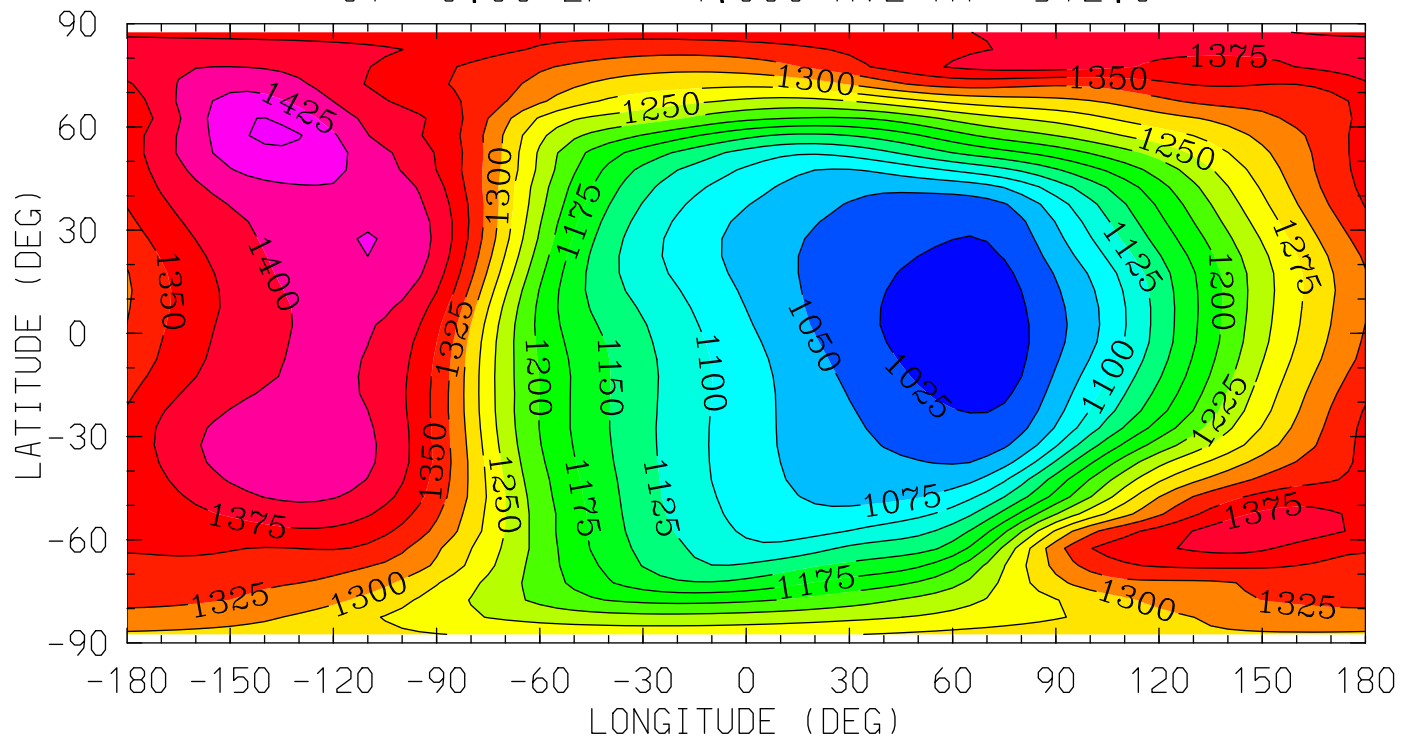
TN (DEG K)  
NEUTRAL TEMPERATURE  
UT= 0.00 ZP= 2.000 AVE HT= 371.8



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

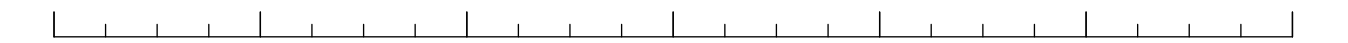
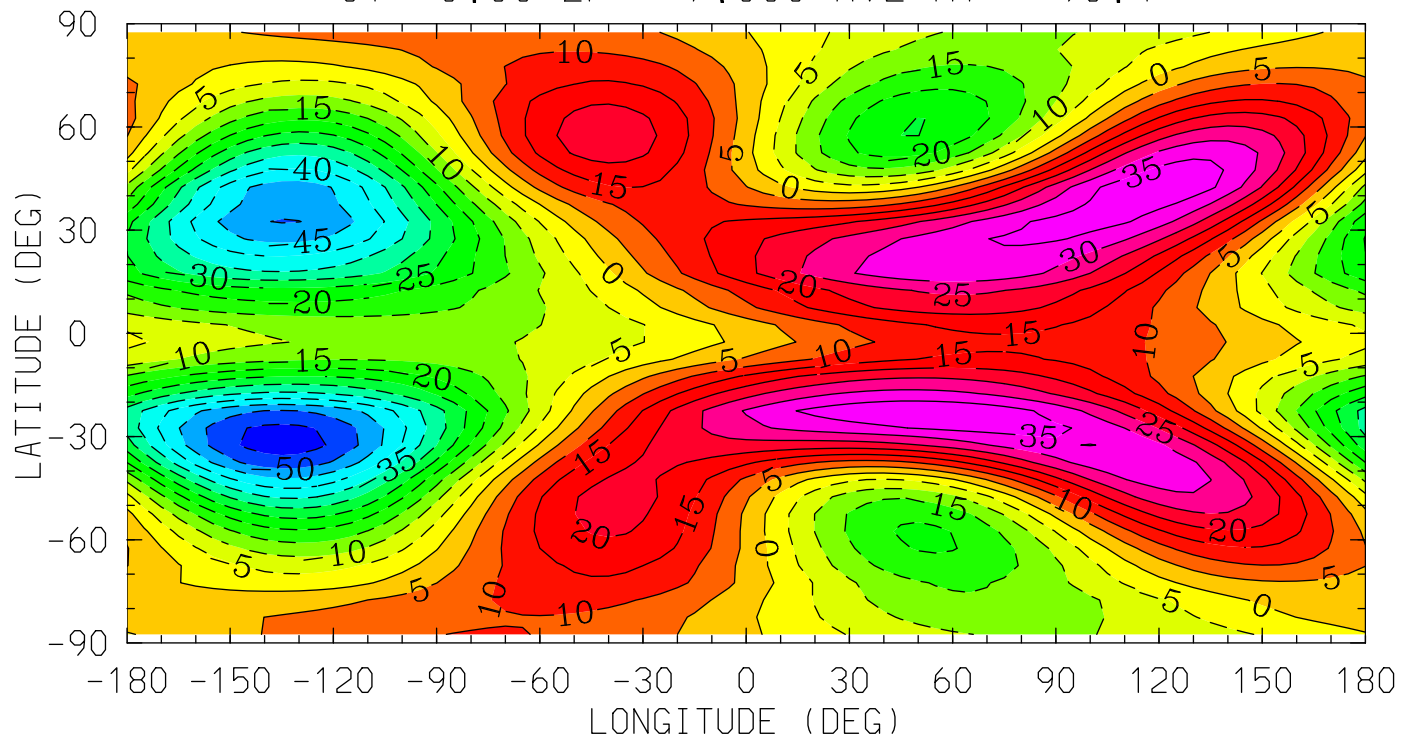
MIN,MAX= 1.0001E+03 1.4312E+03 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

TN (DEG K)  
NEUTRAL TEMPERATURE  
UT= 0.00 ZP= 4.000 AVE HT= 512.0



MIN,MAX= 1.0081E+03 1.4566E+03 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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

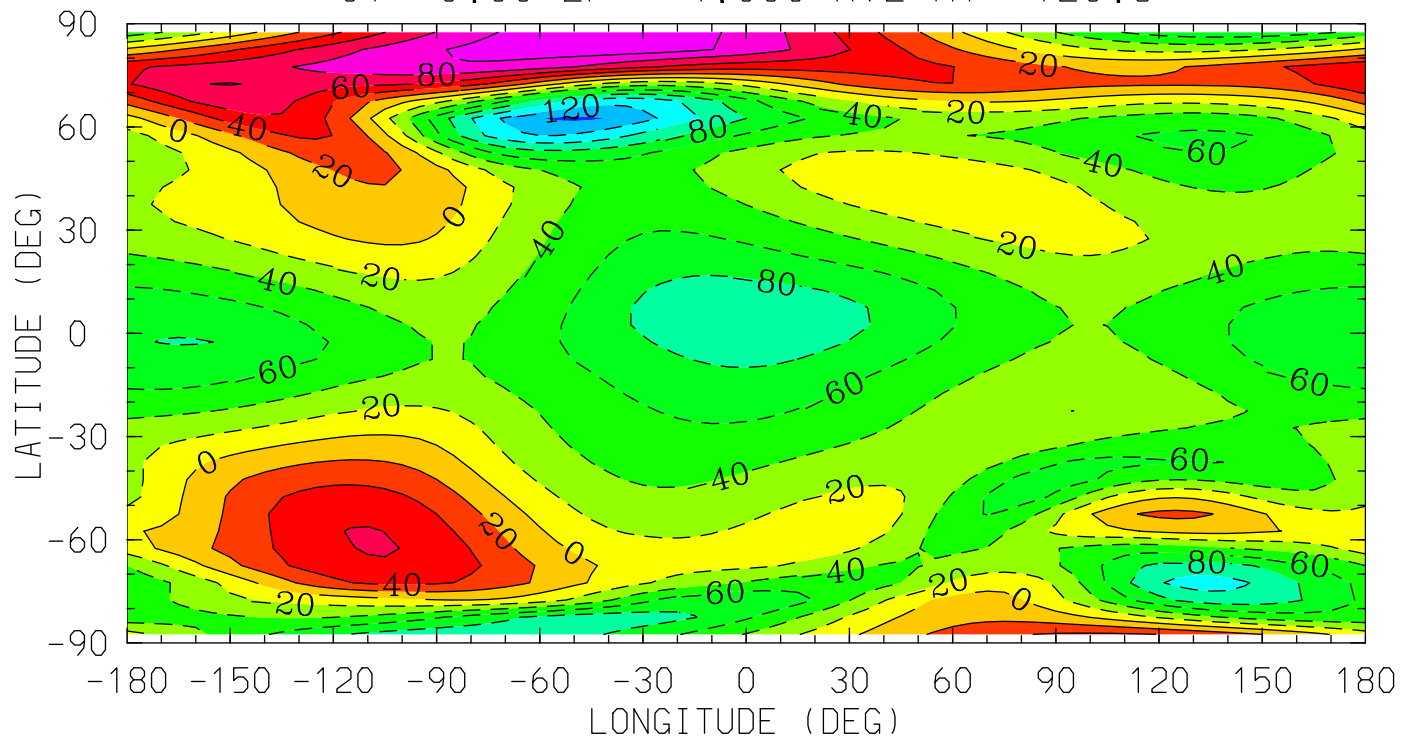


12.0 16.0 20.0 0.0 4.0 8.0 12.0

LOCAL TIME (HRS)

MIN,MAX= -5.7660E+01 3.9553E+01 INTERVAL= 5.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

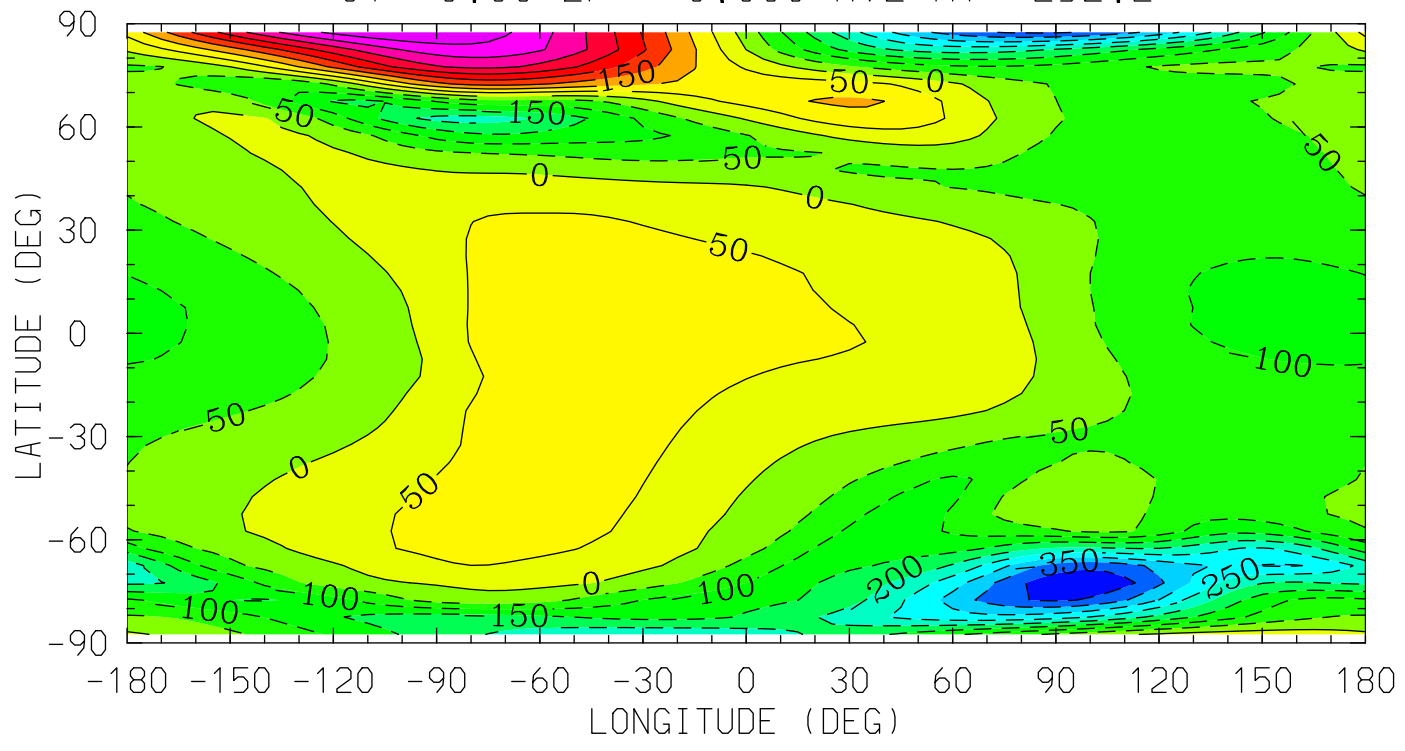
UN (M/S)  
NEUTRAL ZONAL WIND  
UT= 0.00 ZP= -4.000 AVE HT= 120.8



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

MIN,MAX= -1.4411E+02 1.1482E+02 INTERVAL= 2.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

UN (M/S)  
NEUTRAL ZONAL WIND  
UT= 0.00 ZP= 0.000 AVE HT= 252.2

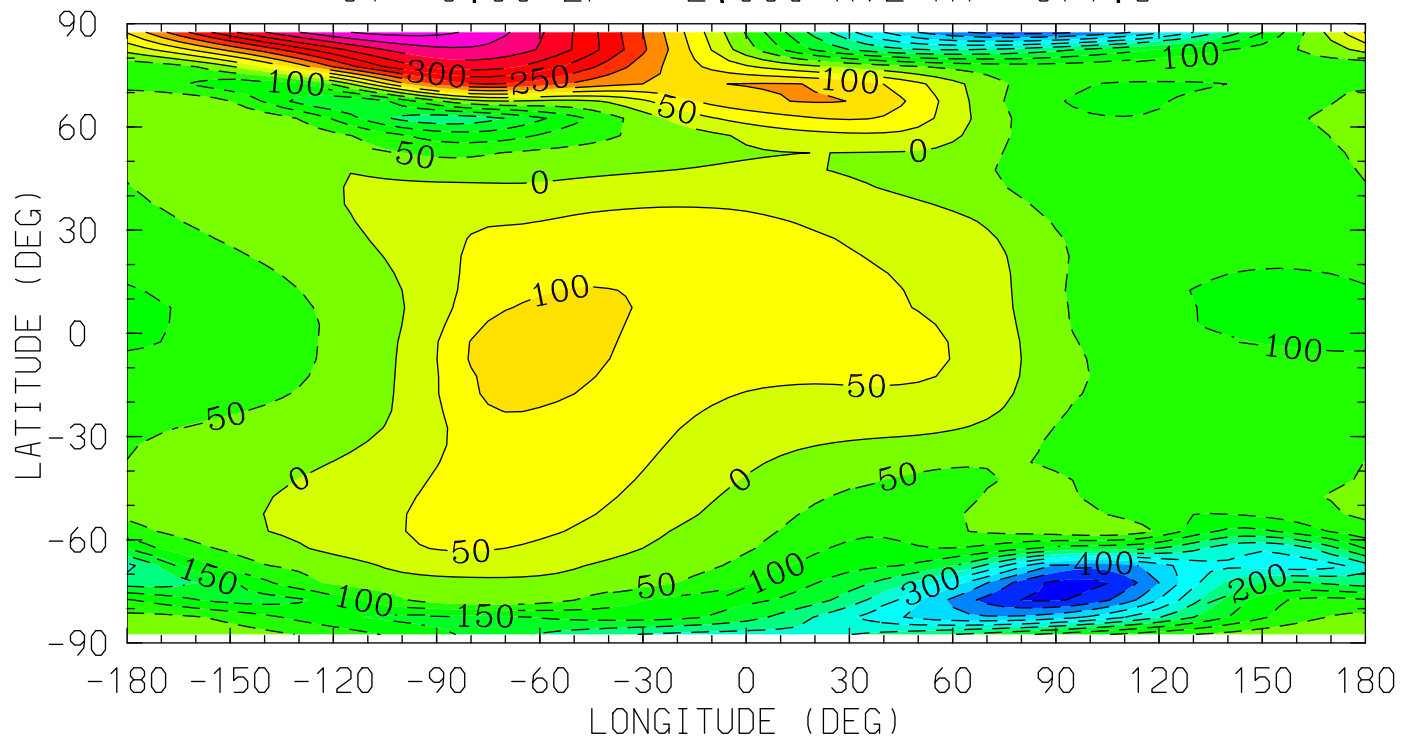


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -4.4304E+02 4.4908E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc



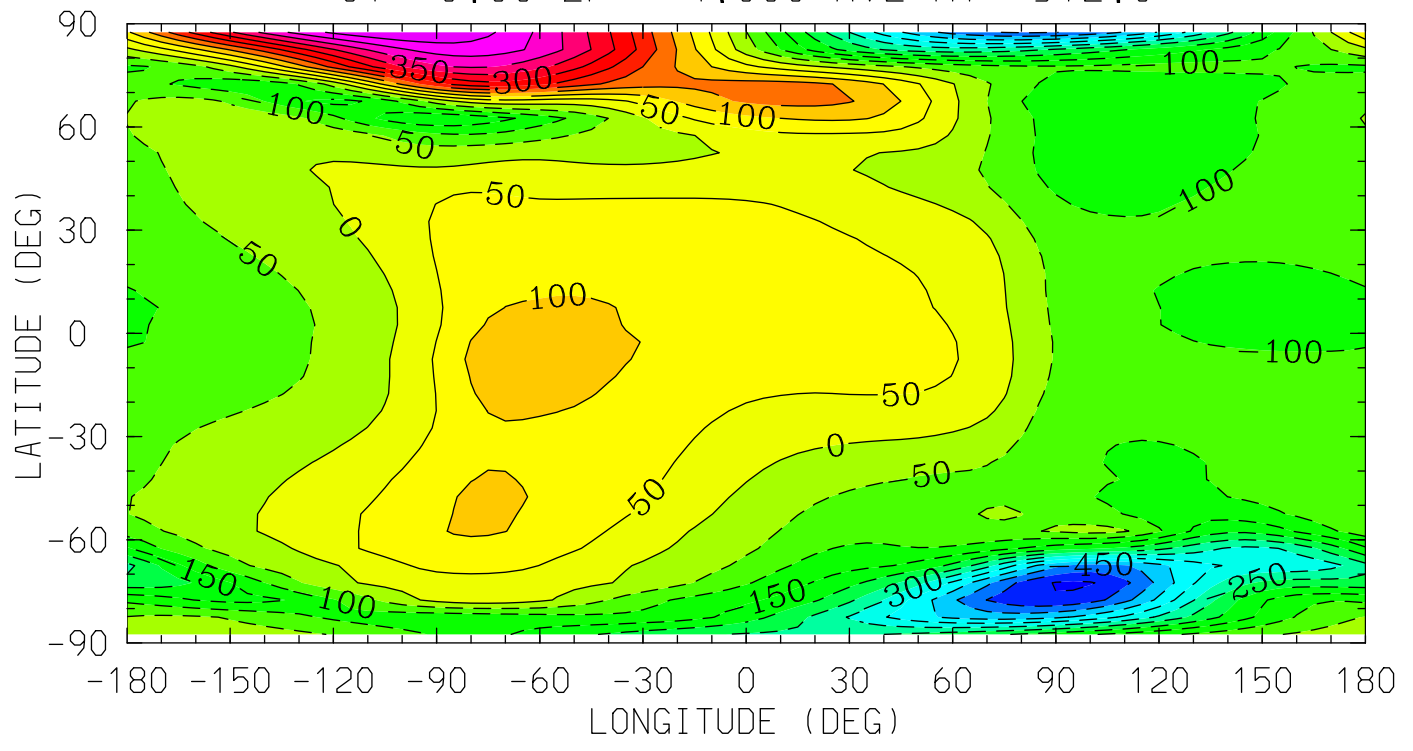
UN (M/S)  
NEUTRAL ZONAL WIND  
UT= 0.00 ZP= 2.000 AVE HT= 371.8



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

MIN,MAX= -5.1939E+02 5.1818E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

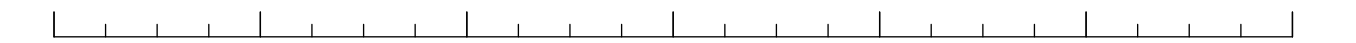
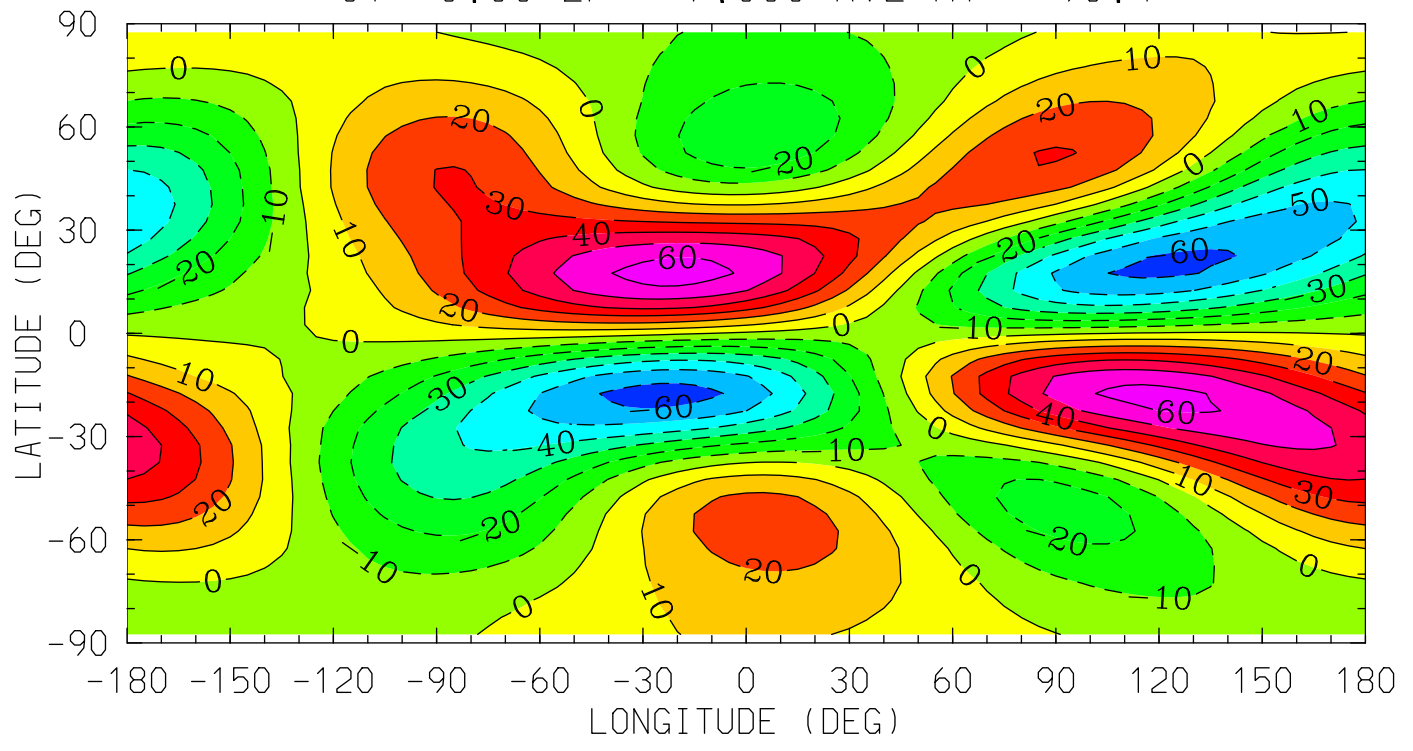
UN (M/S)  
NEUTRAL ZONAL WIND  
UT= 0.00 ZP= 4.000 AVE HT= 512.0



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

MIN,MAX= -5.5962E+02 5.4814E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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

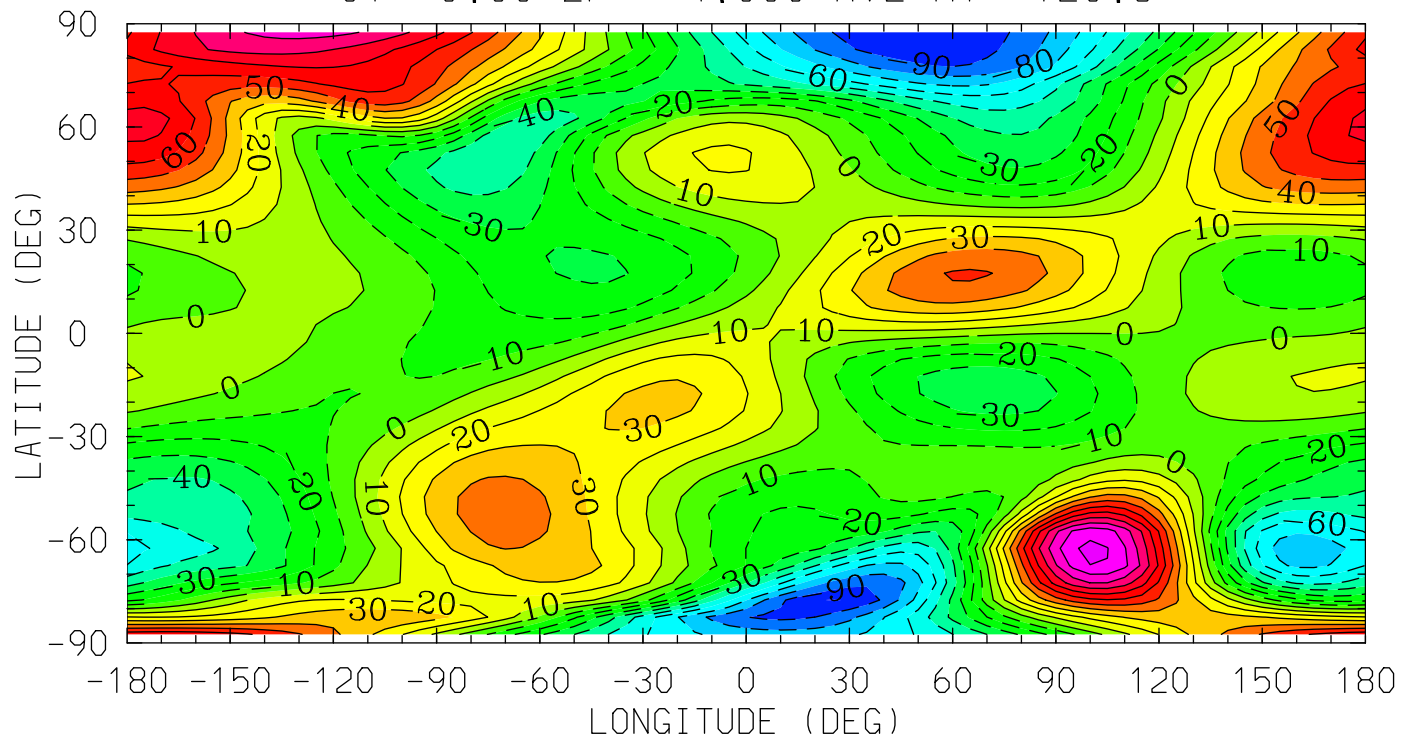


12.0 16.0 20.0 0.0 4.0 8.0 12.0

LOCAL TIME (HRS)

MIN,MAX= -6.4378E+01 6.4396E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

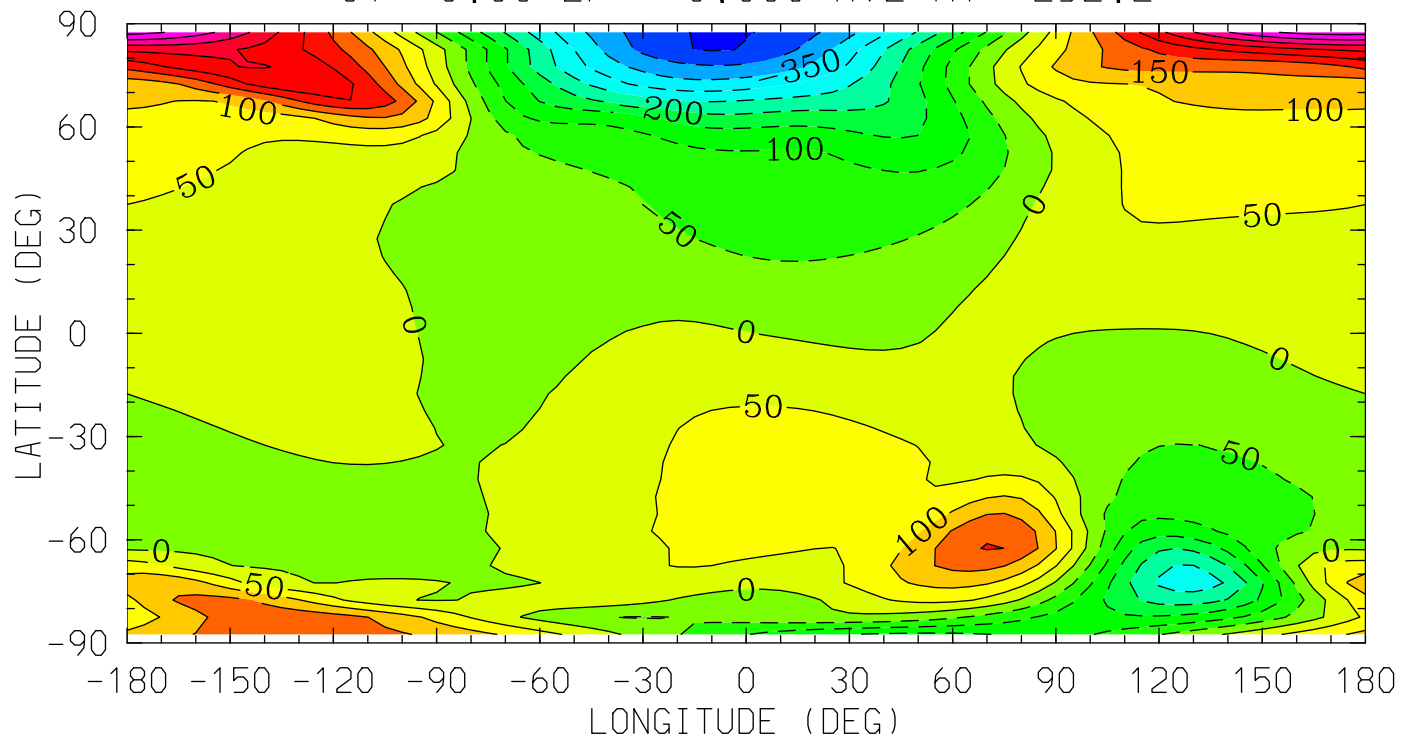
VN (M/S)  
NEUTRAL MERIDIONAL WIND  
UT= 0.00 ZP= -4.000 AVE HT= 120.8



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

MIN,MAX= -1.0063E+02 1.1304E+02 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

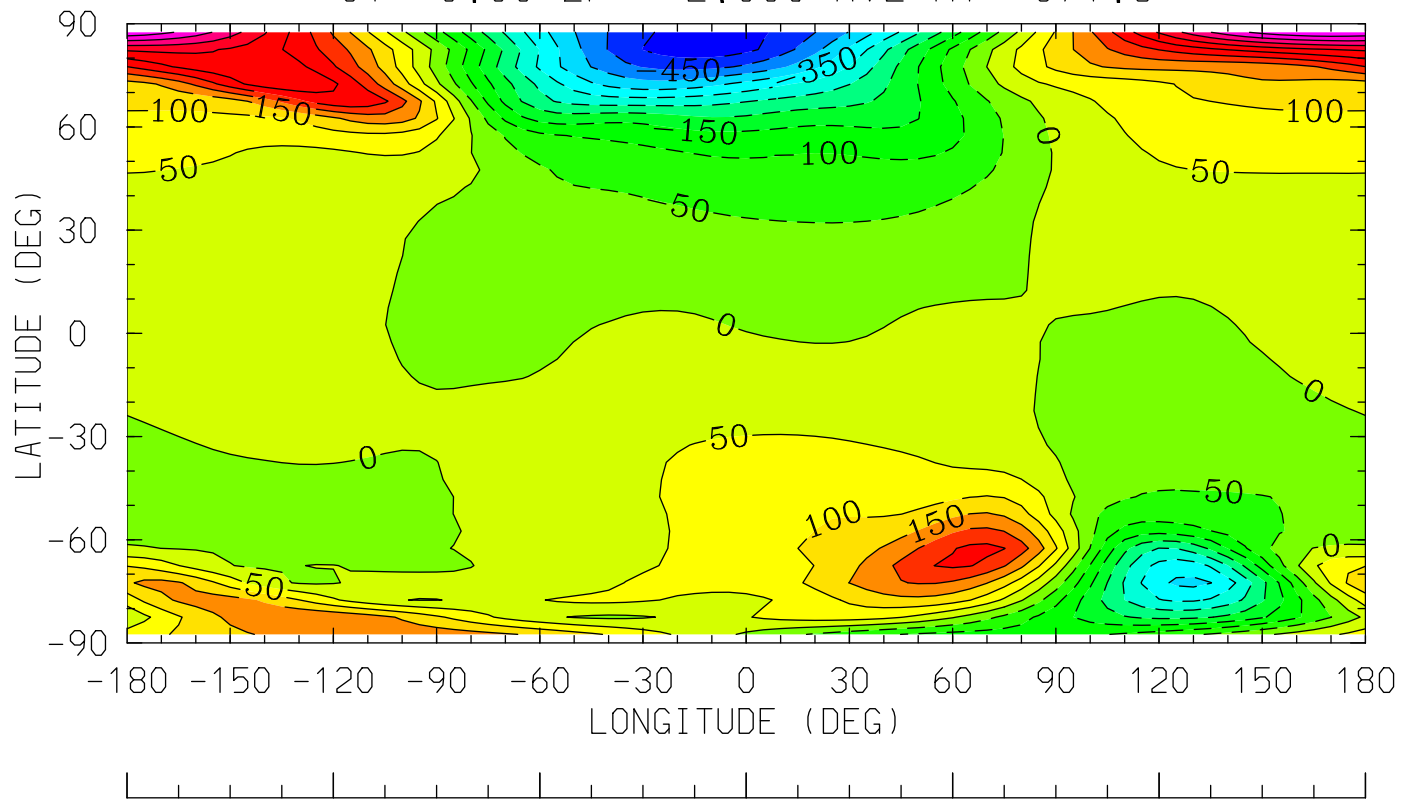
VN (M/S)  
NEUTRAL MERIDIONAL WIND  
UT= 0.00 ZP= 0.000 AVE HT= 252.2



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

MIN,MAX= -4.5628E+02 4.7241E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

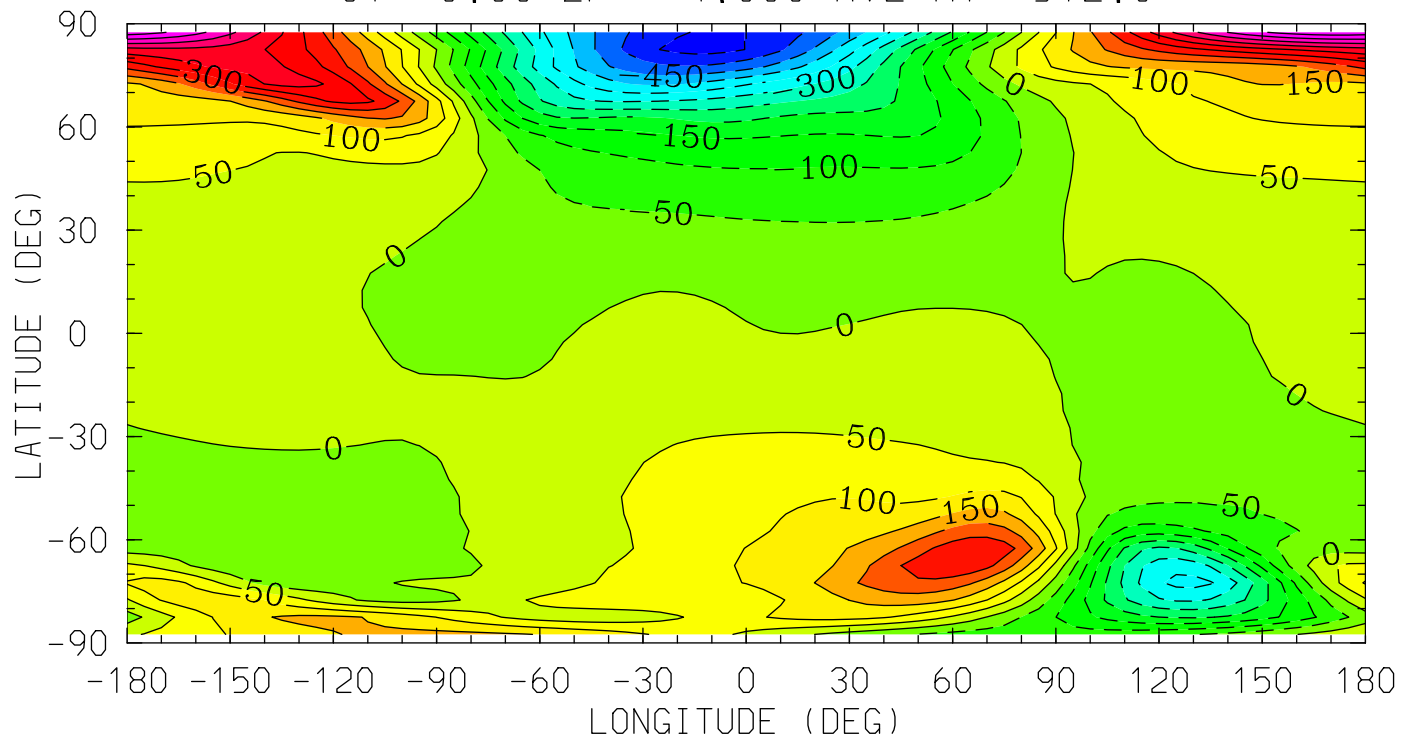
VN (M/S)  
NEUTRAL MERIDIONAL WIND  
UT= 0.00 ZP= 2.000 AVE HT= 371.8



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

MIN,MAX= -5.3304E+02 5.4519E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

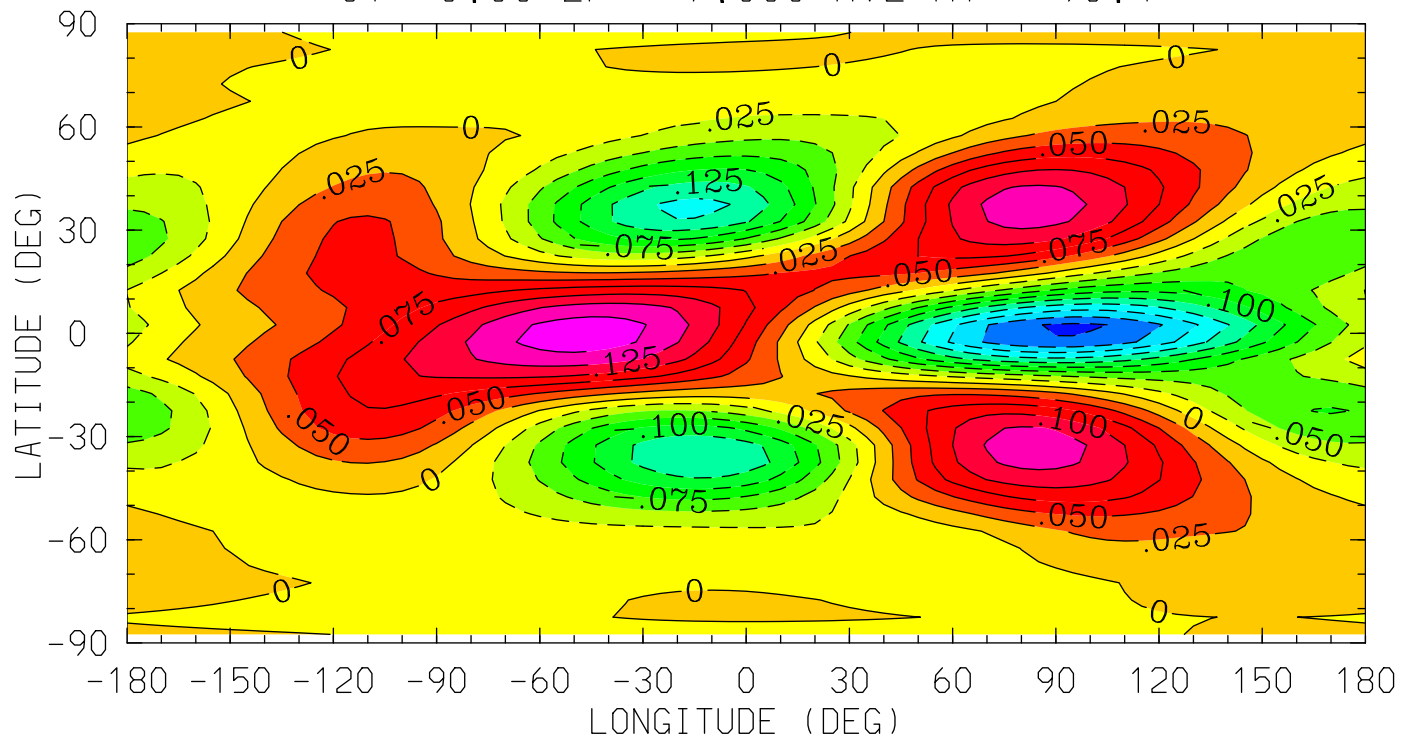
VN (M/S)  
NEUTRAL MERIDIONAL WIND  
UT= 0.00 ZP= 4.000 AVE HT= 512.0



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

MIN,MAX= -5.6894E+02 5.8423E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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

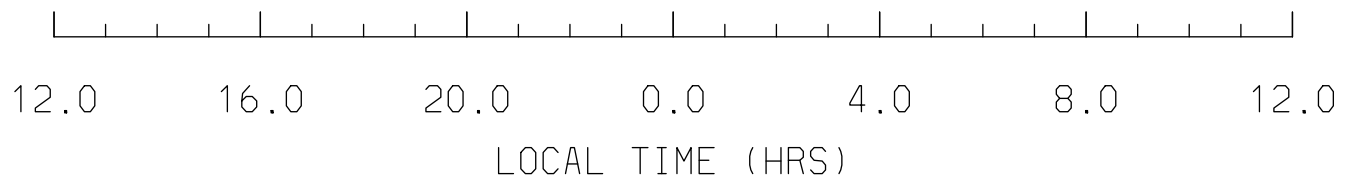
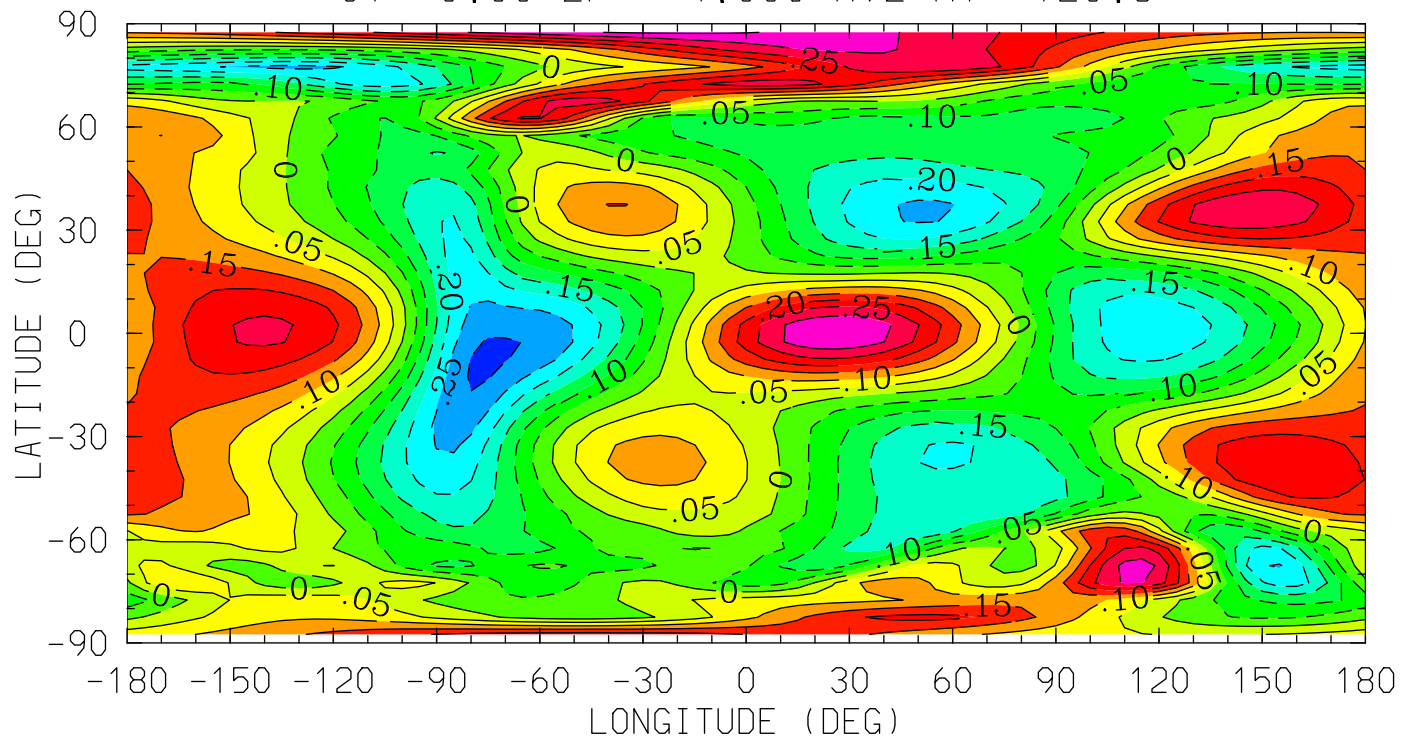


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -2.2947E-01 1.6281E-01 INTERVAL= 2.5000E-02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

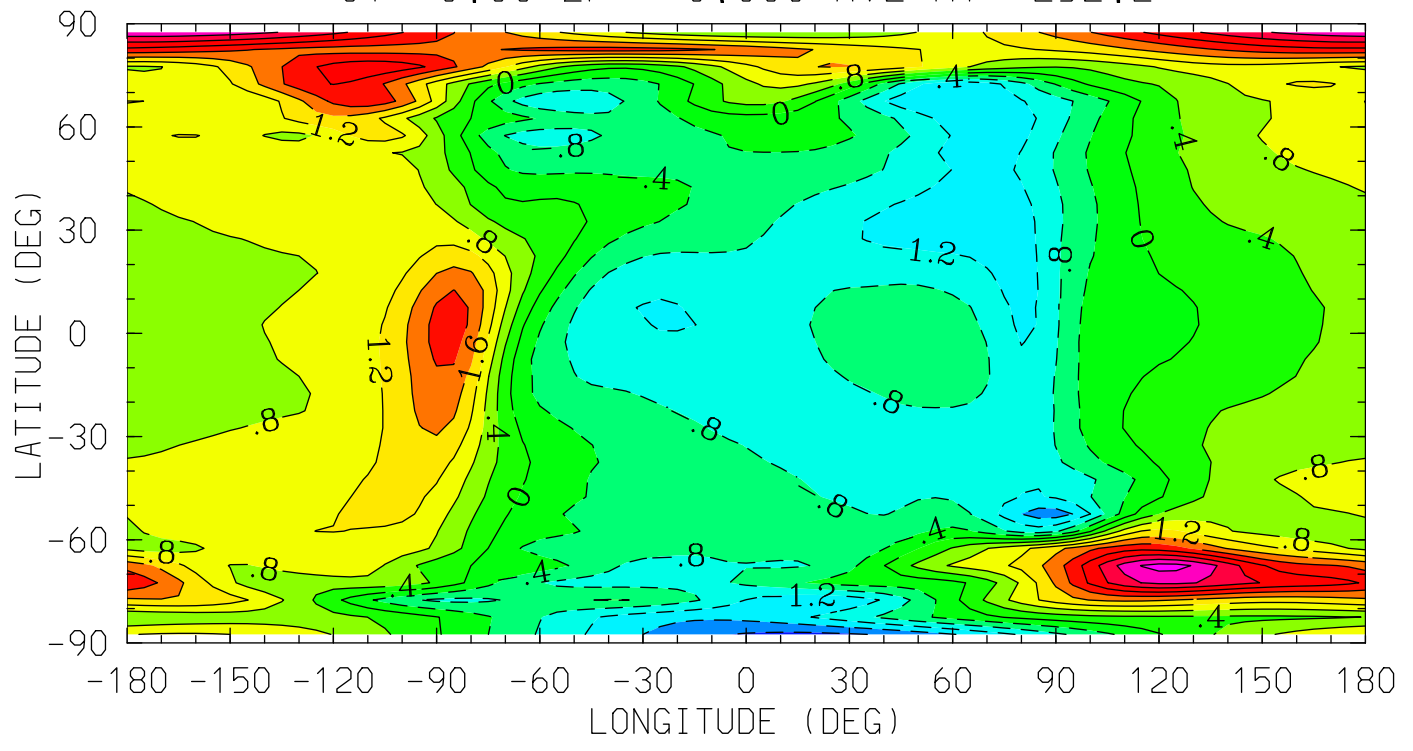


WN (M/S)  
NEUTRAL VERTICAL WIND (PLUS UP)  
UT= 0.00 ZP= -4.000 AVE HT= 120.8



MIN,MAX= -3.1150E-01 3.5845E-01 INTERVAL= 5.0000E-02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

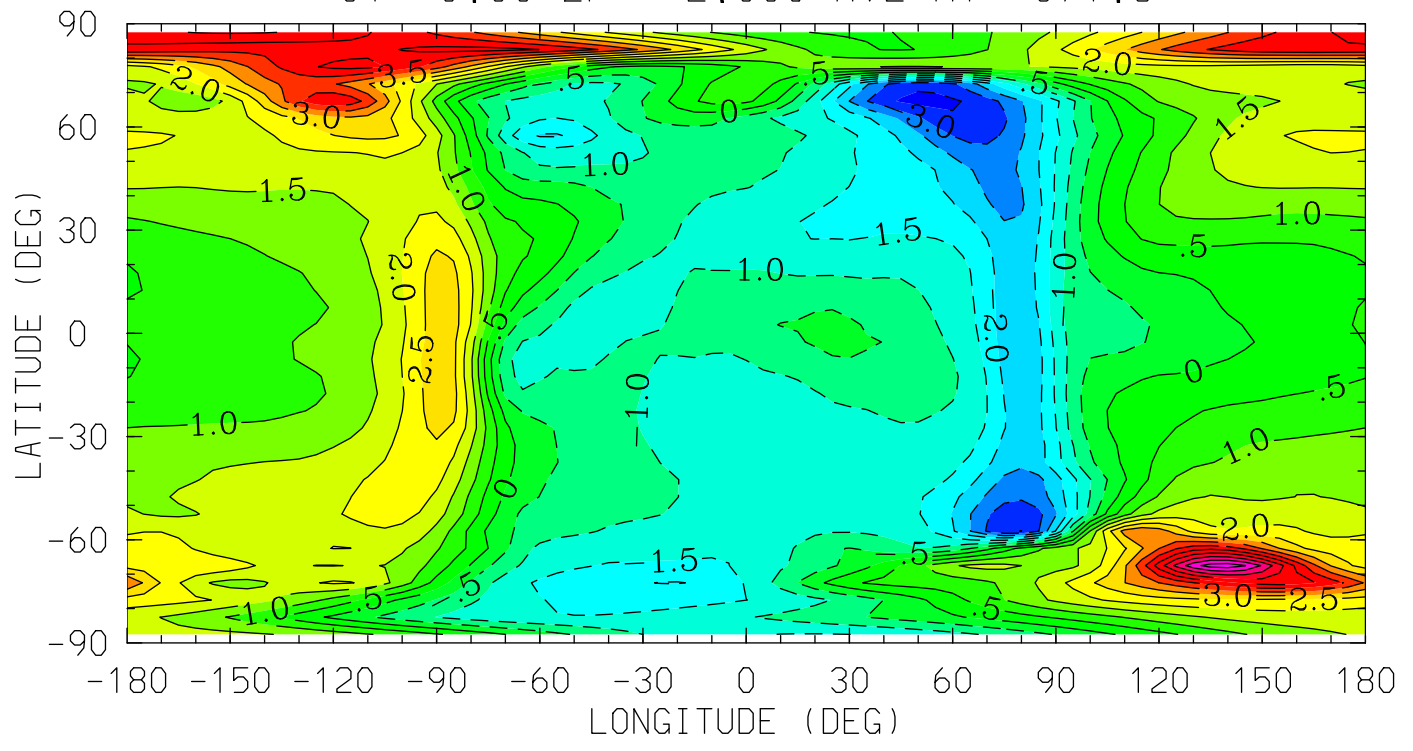
WN (M/S)  
NEUTRAL VERTICAL WIND (PLUS UP)  
UT= 0.00 ZP= 0.000 AVE HT= 252.2



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

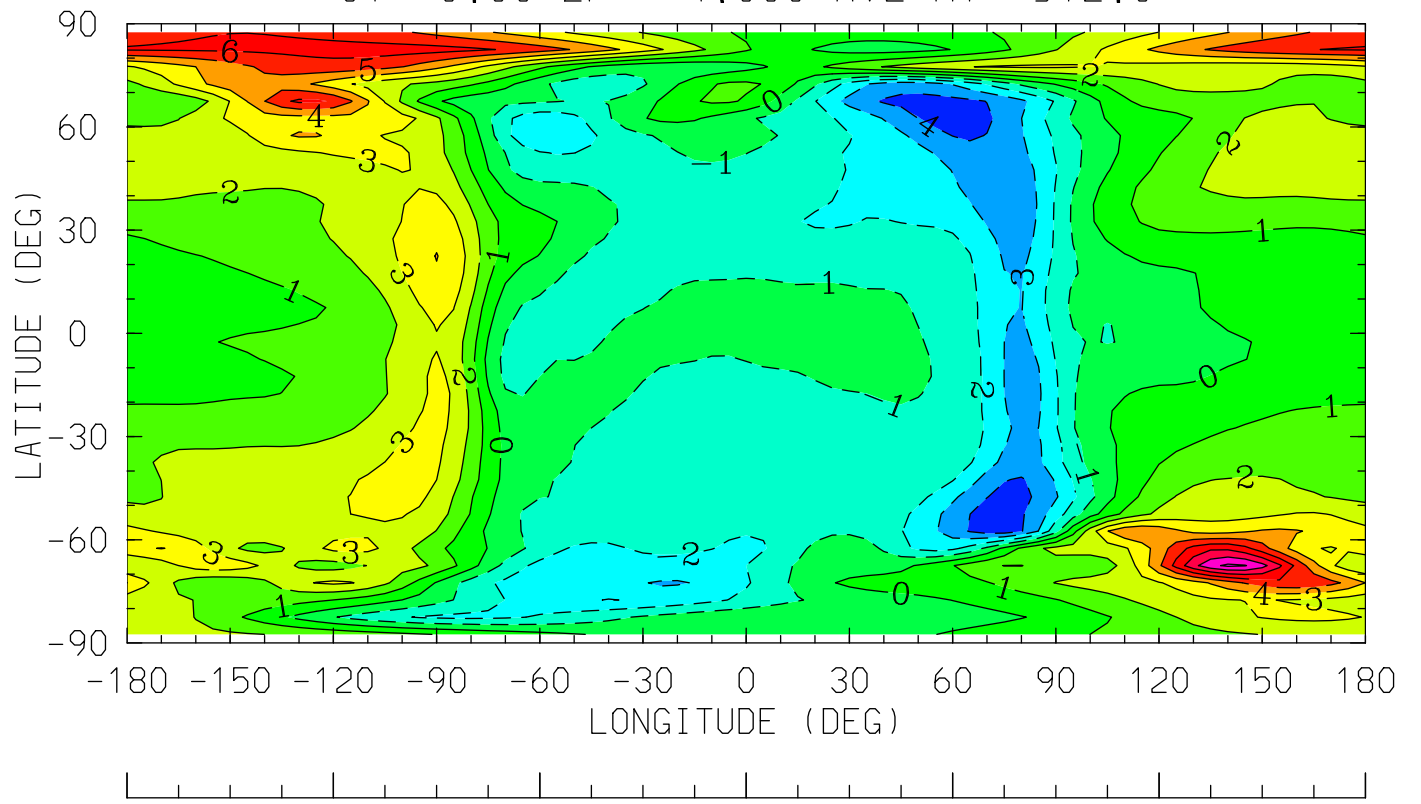
MIN,MAX= -2.0998E+00 3.7495E+00 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

WN (M/S)  
NEUTRAL VERTICAL WIND (PLUS UP)  
UT= 0.00 ZP= 2.000 AVE HT= 371.8



MIN,MAX= -3.6691E+00 6.7976E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

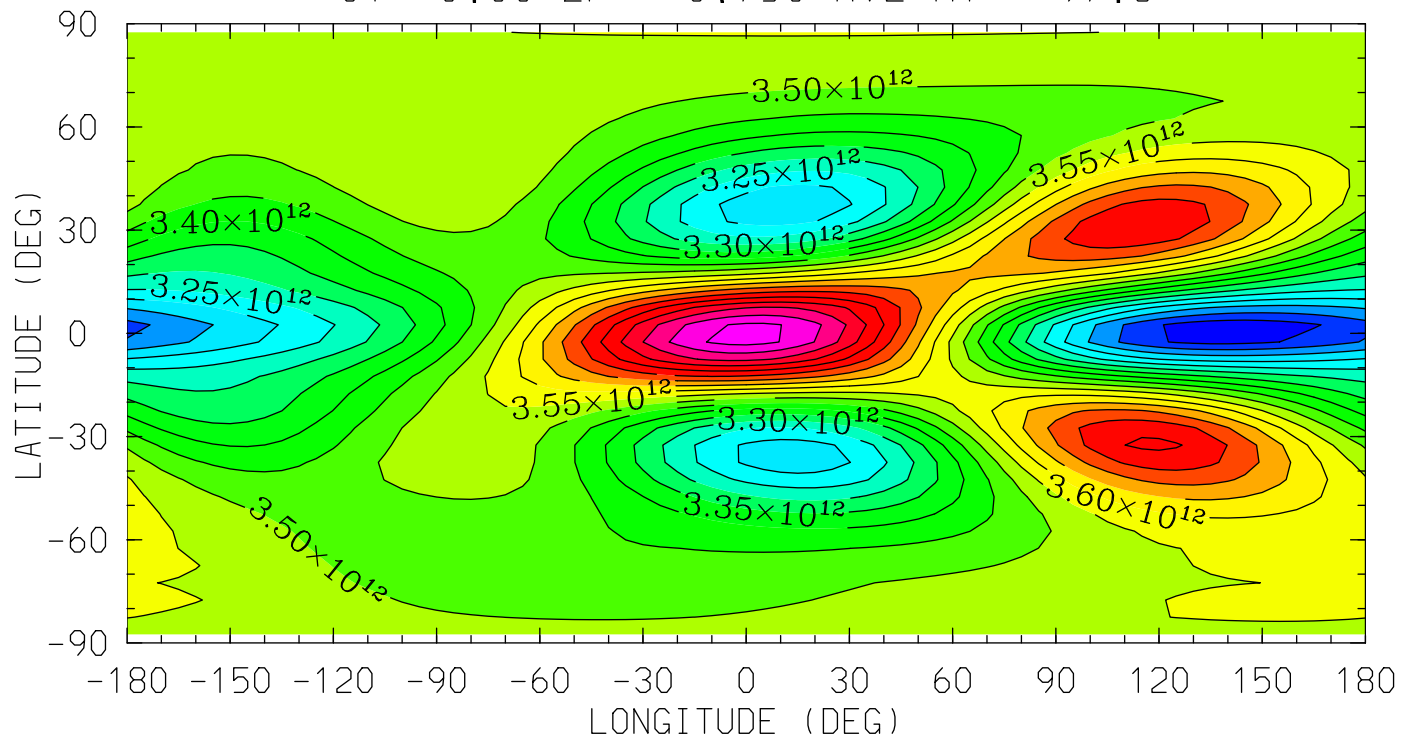
WN (M/S)  
NEUTRAL VERTICAL WIND (PLUS UP)  
UT= 0.00 ZP= 4.000 AVE HT= 512.0



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

MIN,MAX= -4.5413E+00 9.2017E+00 INTERVAL= 1.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

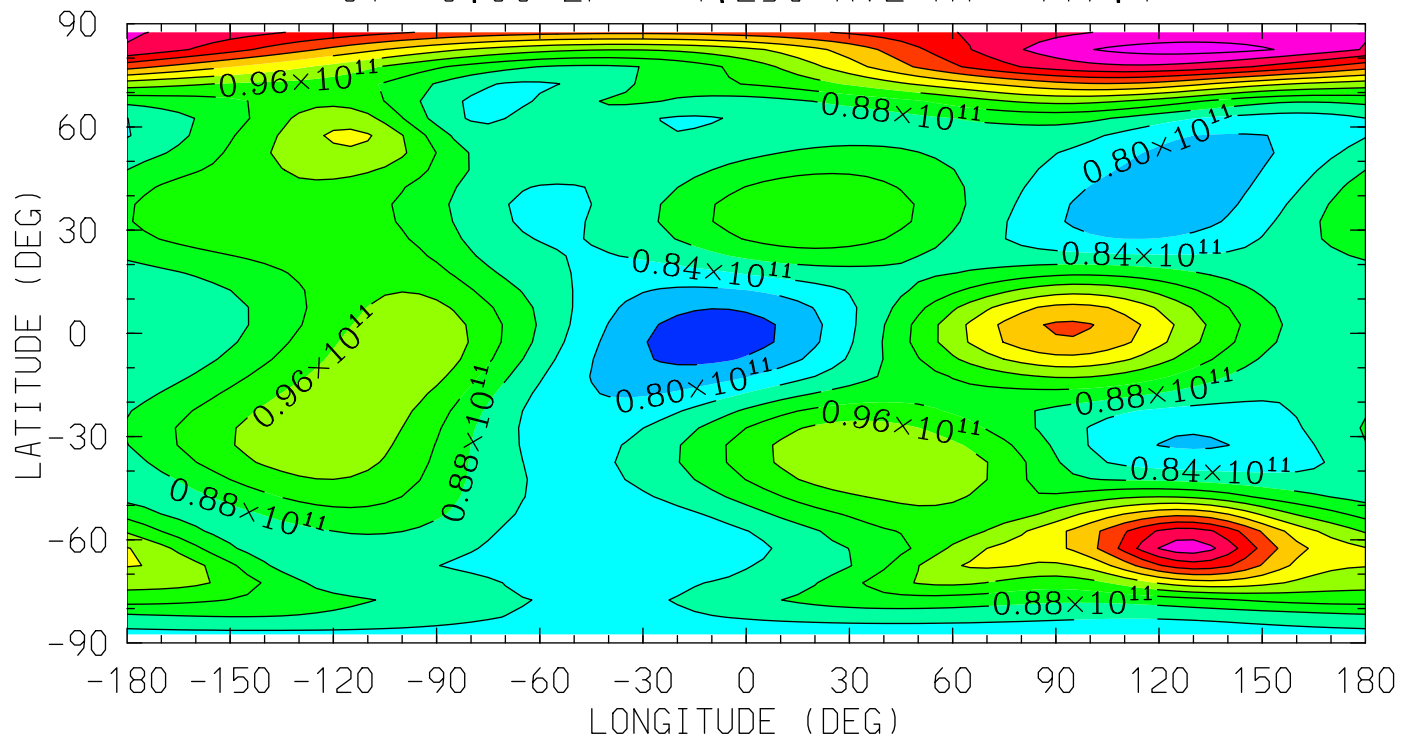
O2 (CM3)  
MOLECULAR OXYGEN  
UT= 0.00 ZP= -6.750 AVE HT= 97.8



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

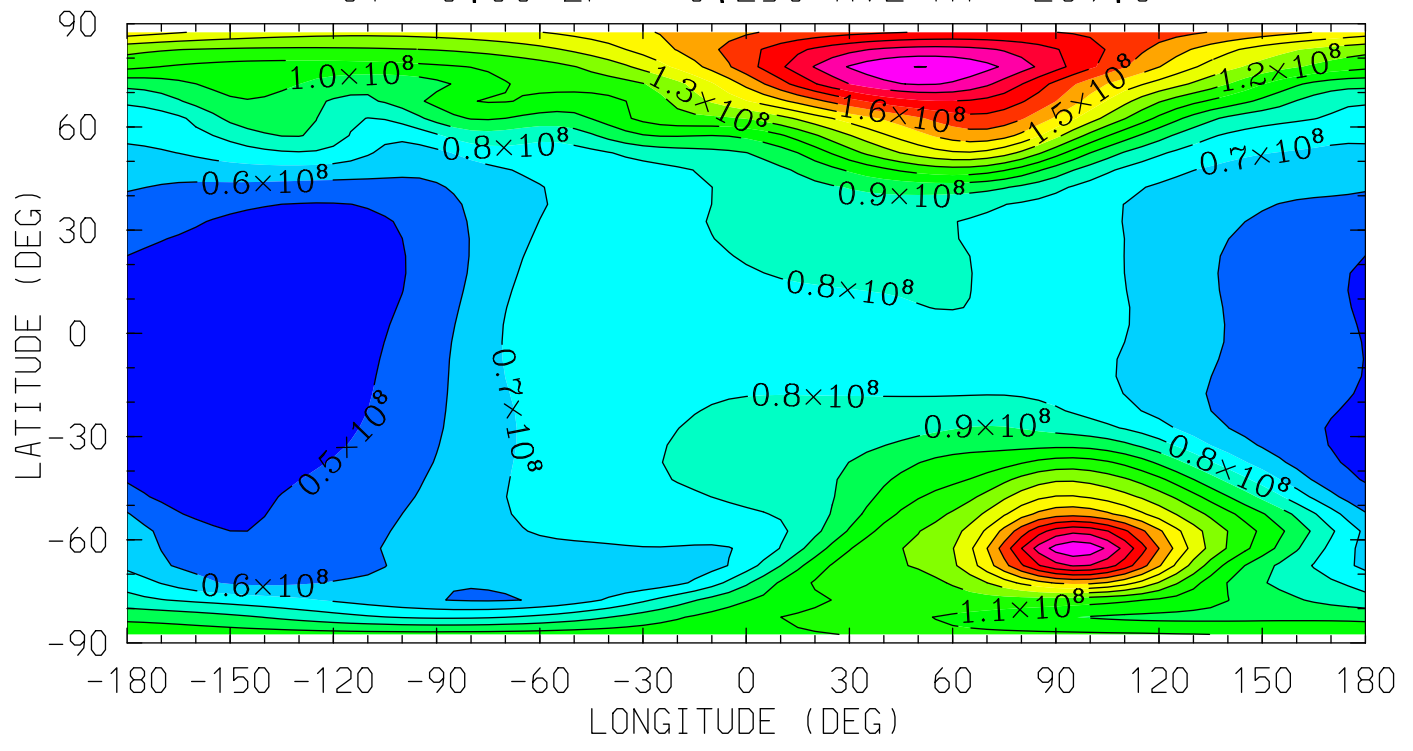
MIN,MAX= 3.0179E+12 4.0177E+12 INTERVAL= 5.0000E+10  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

O2 (CM3)  
MOLECULAR OXYGEN  
UT= 0.00 ZP= -4.250 AVE HT= 117.4



MIN,MAX= 7.3880E+10 1.2581E+11 INTERVAL= 4.0000E+09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

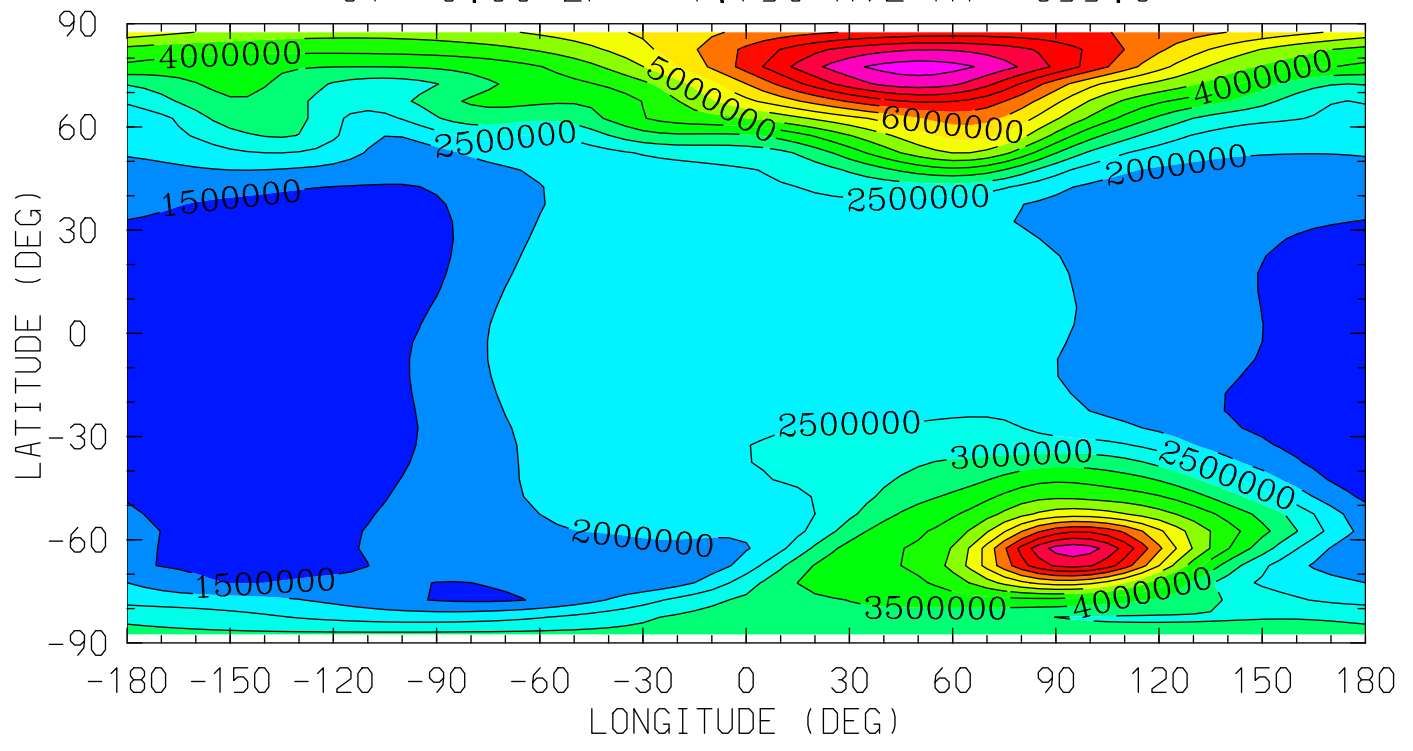
O2 (CM3)  
MOLECULAR OXYGEN  
UT= 0.00 ZP= -0.250 AVE HT= 239.6



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

MIN,MAX= 4.5212E+07 2.1017E+08 INTERVAL= 1.0000E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

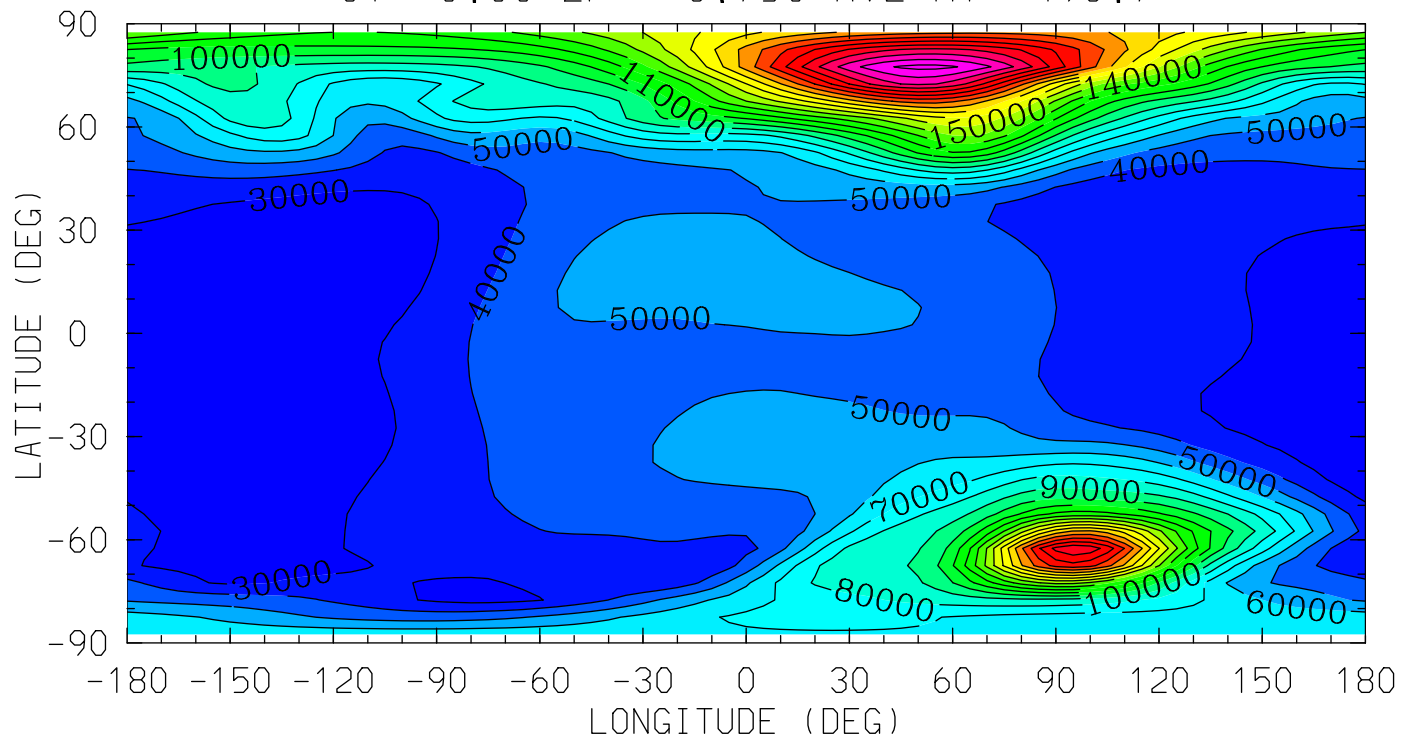
O2 (CM3)  
MOLECULAR OXYGEN  
UT= 0.00 ZP= 1.750 AVE HT= 355.6



MIN,MAX= 1.1708E+06 8.7563E+06 INTERVAL= 5.0000E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

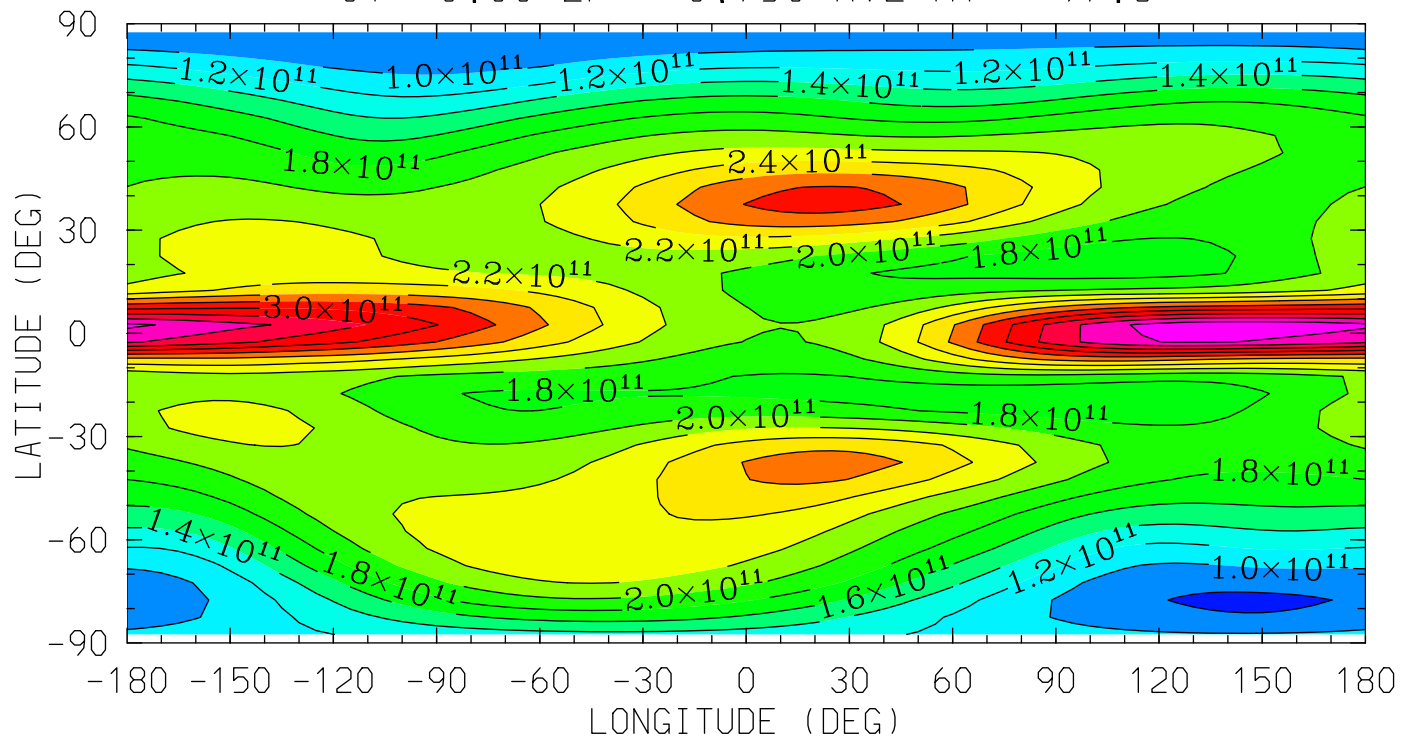


O2 (CM3)  
MOLECULAR OXYGEN  
UT= 0.00 ZP= 3.750 AVE HT= 493.7



MIN,MAX= 2.3953E+04 2.6324E+05 INTERVAL= 1.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

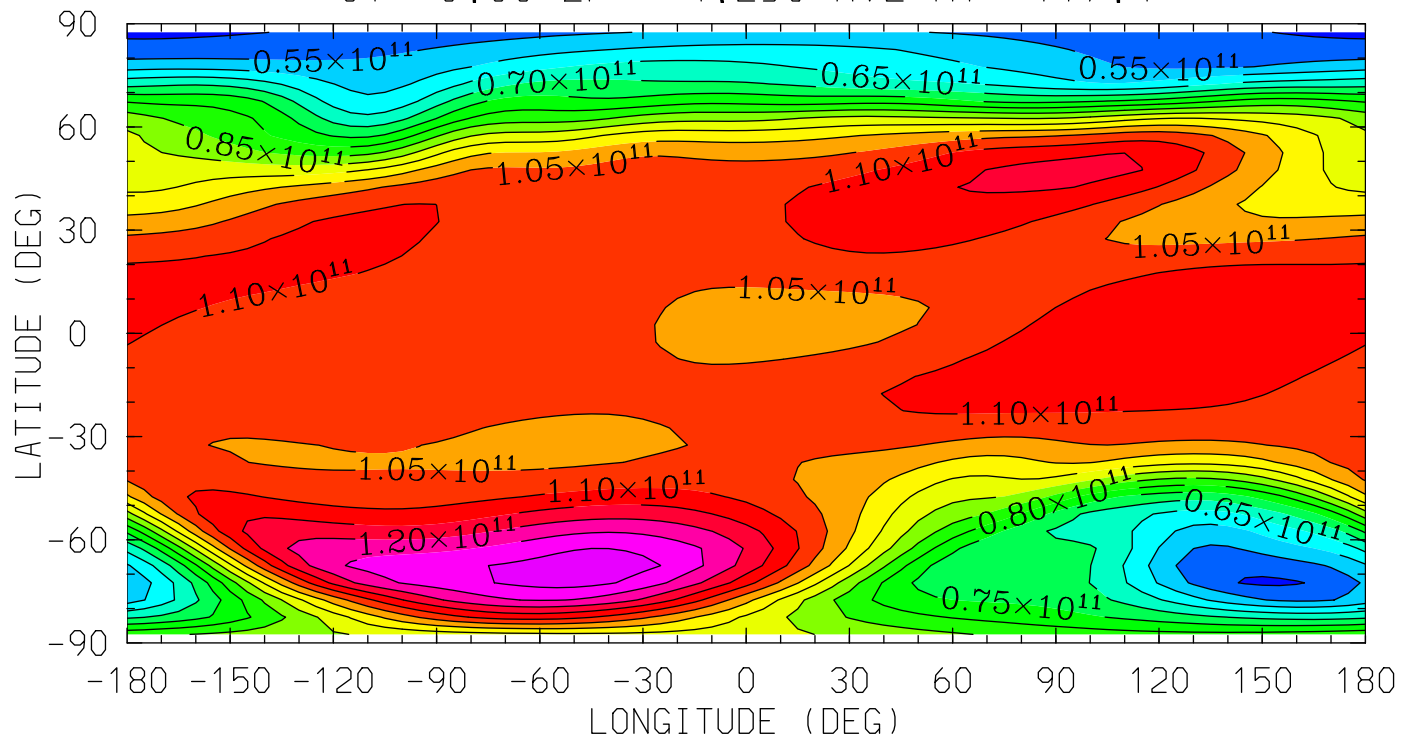
O1 (CM3)  
ATOMIC OXYGEN  
UT= 0.00 ZP= -6.750 AVE HT= 97.8



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

MIN,MAX= 7.6158E+10 3.7591E+11 INTERVAL= 2.0000E+10  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

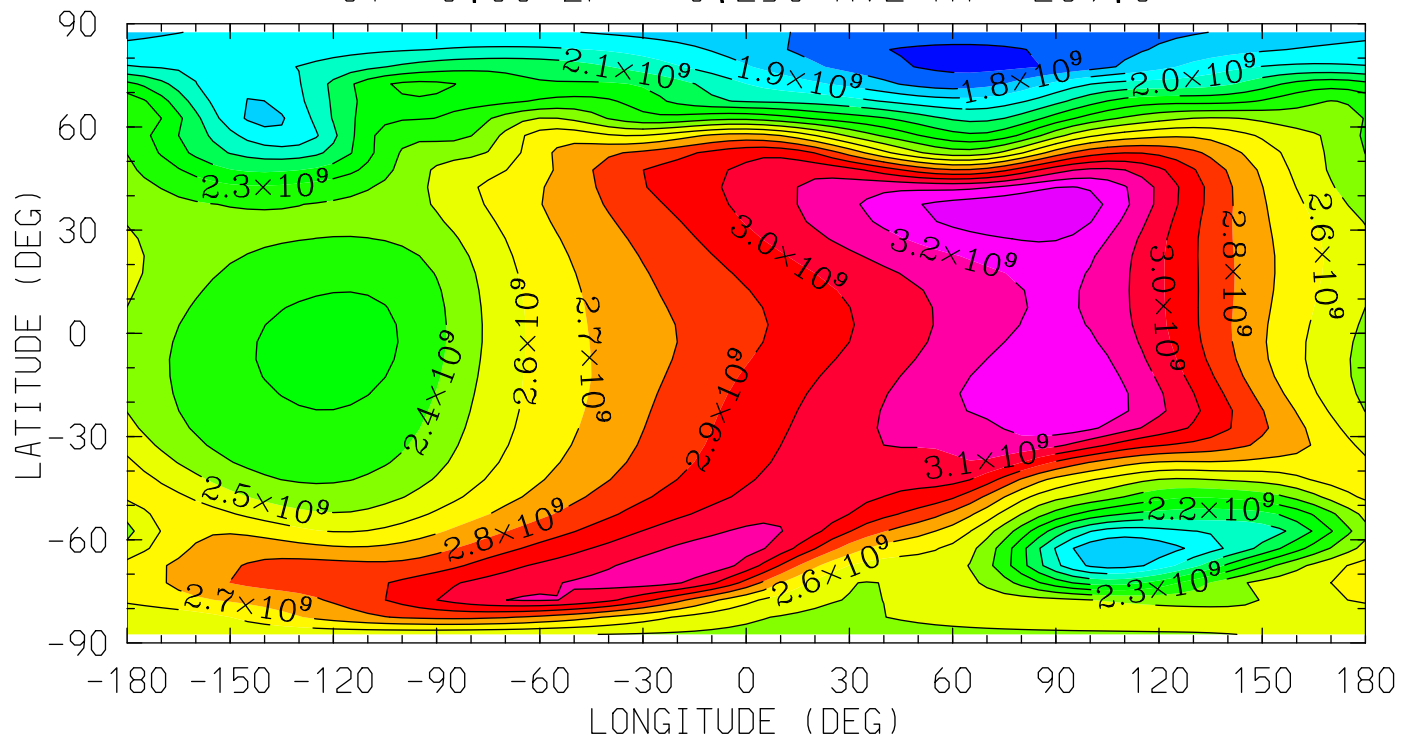
O1 (CM3)  
ATOMIC OXYGEN  
UT= 0.00 ZP= -4.250 AVE HT= 117.4



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

MIN,MAX= 4.9132E+10 1.3263E+11 INTERVAL= 5.0000E+09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

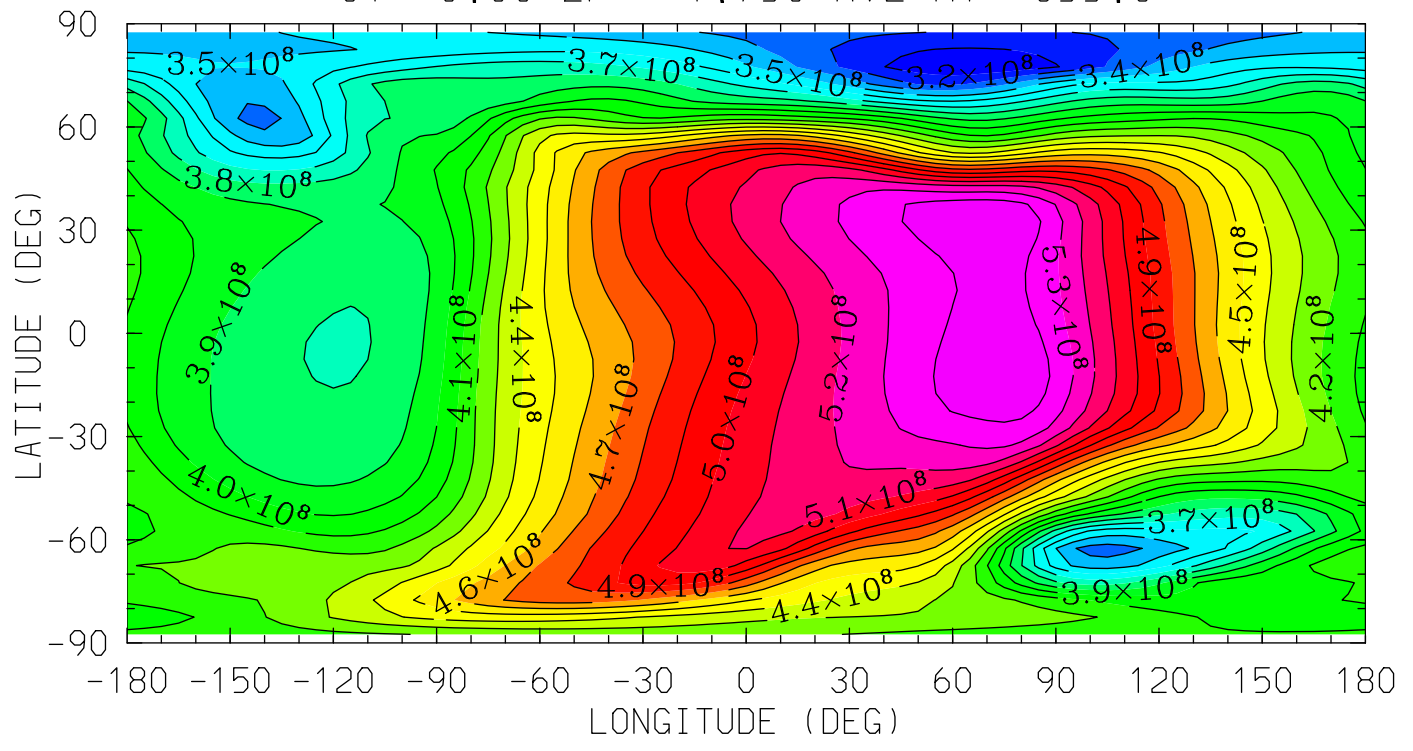
O1 (CM3)  
ATOMIC OXYGEN  
UT= 0.00 ZP= -0.250 AVE HT= 239.6



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

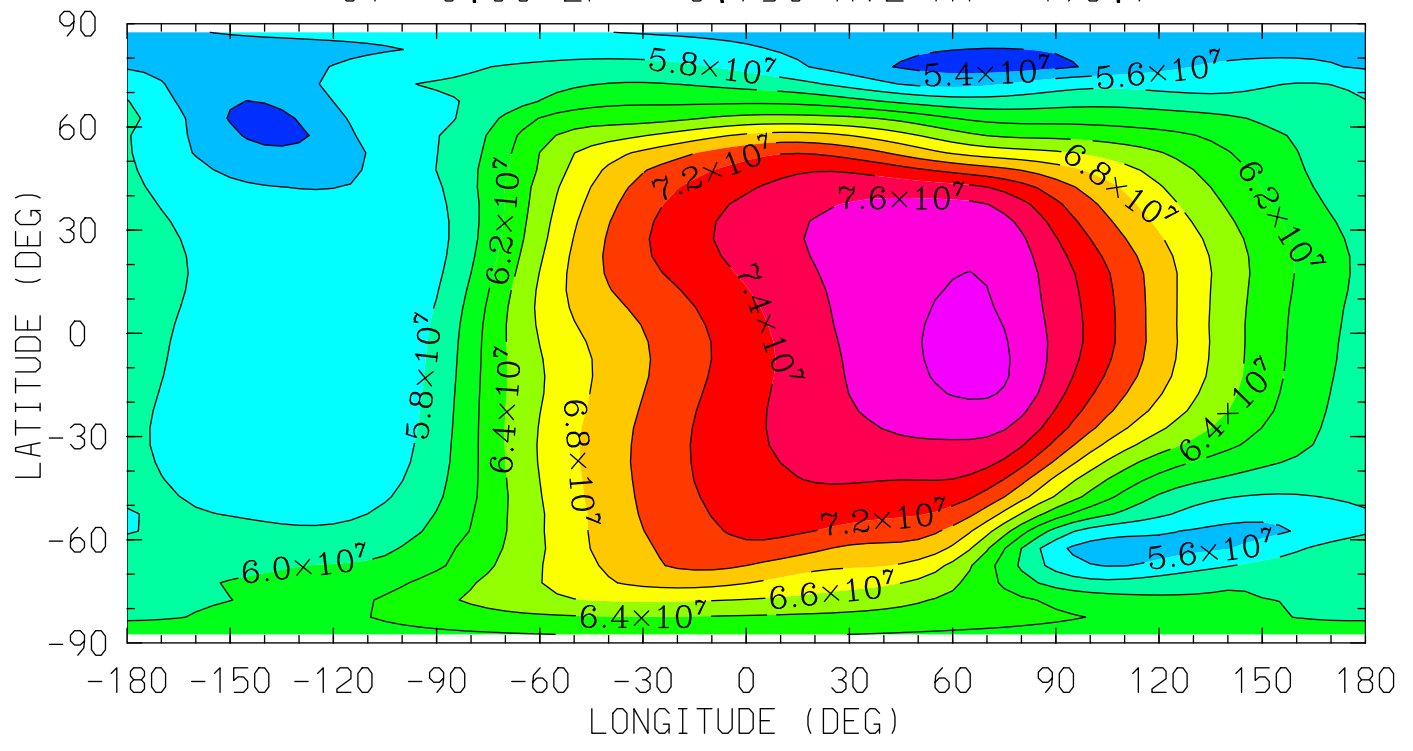
MIN,MAX= 1.6722E+09 3.4010E+09 INTERVAL= 1.0000E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

01 (CM3)  
ATOMIC OXYGEN  
UT= 0.00 ZP= 1.750 AVE HT= 355.6



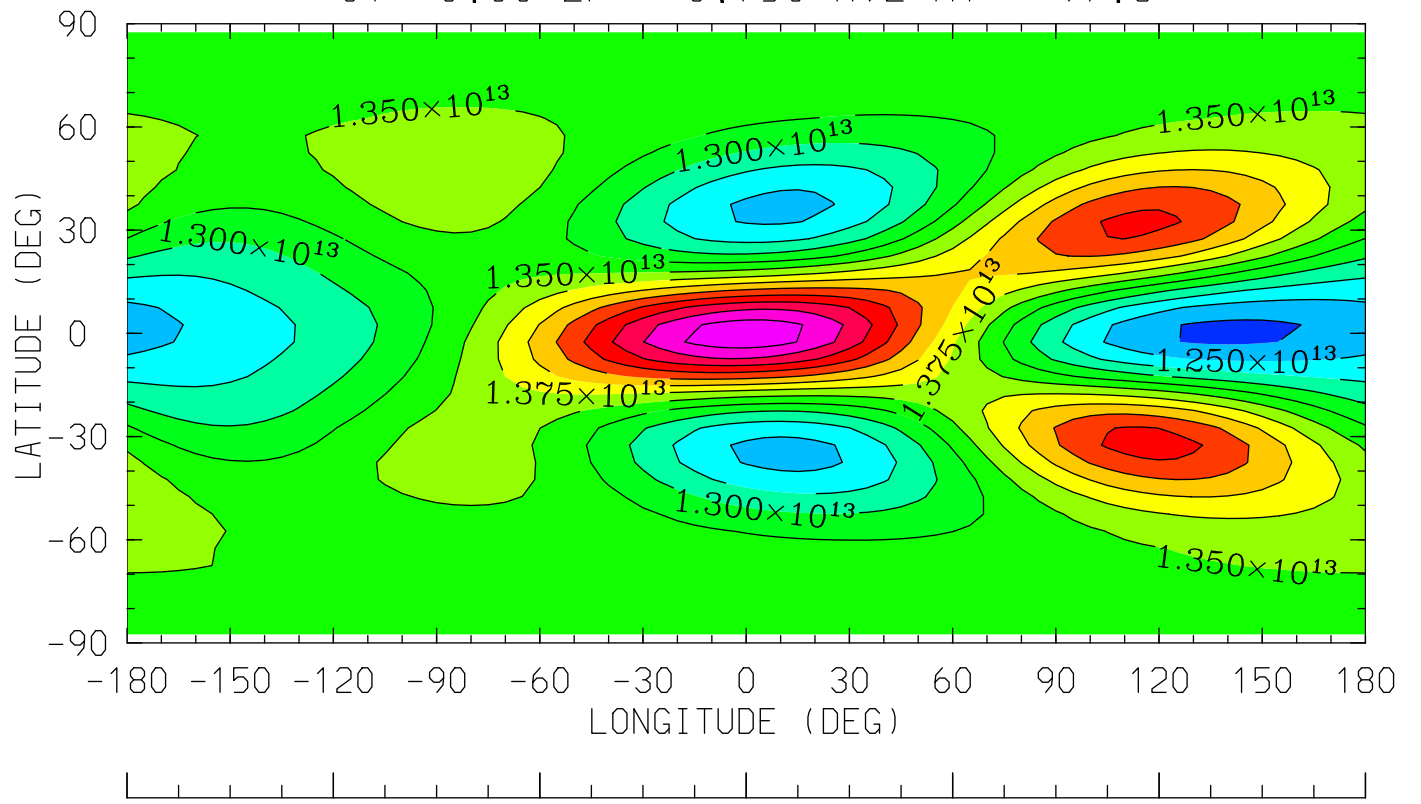
MIN,MAX= 3.1114E+08 5.4962E+08 INTERVAL= 1.0000E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

01 (CM3)  
ATOMIC OXYGEN  
UT= 0.00 ZP= 3.750 AVE HT= 493.7



MIN,MAX= 5.3039E+07 7.8530E+07 INTERVAL= 2.0000E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

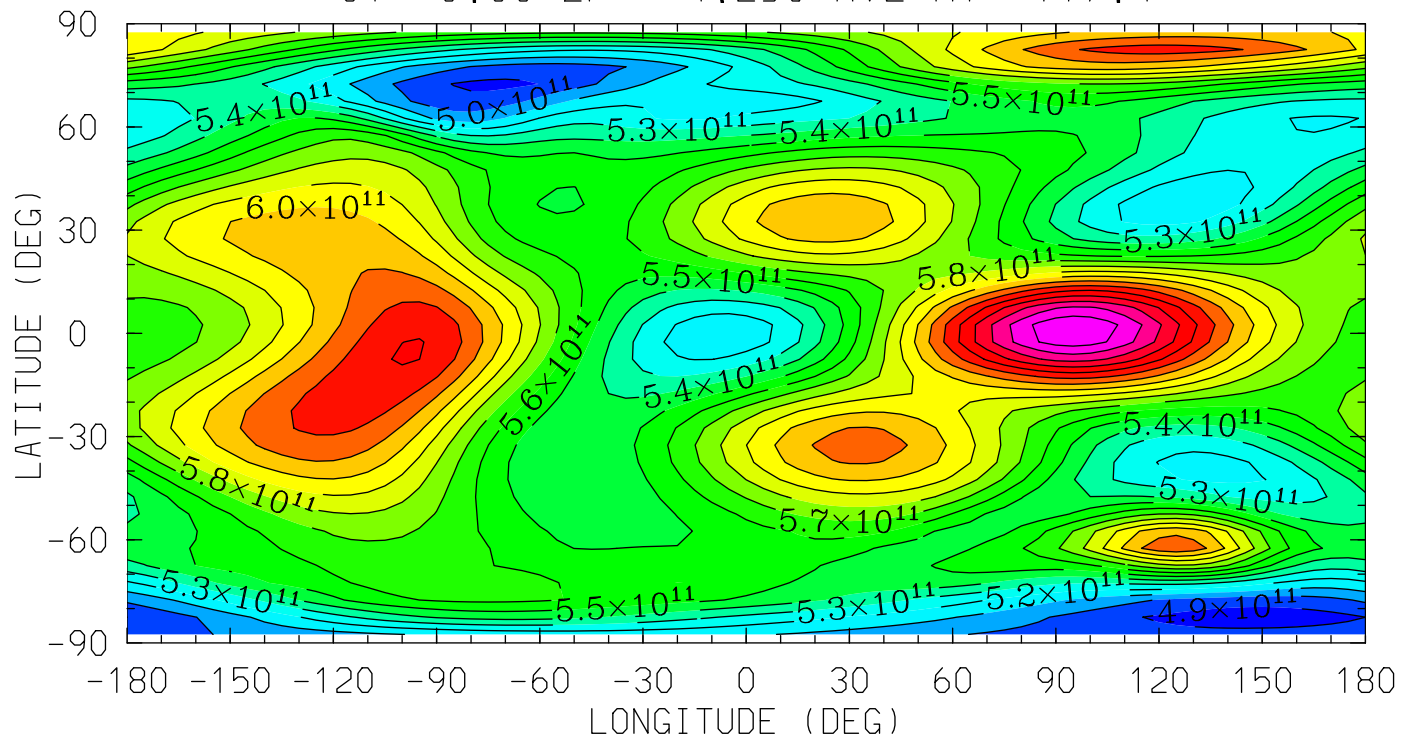
N2 (CM3)  
MOLECULAR NITROGEN  
UT= 0.00 ZP= -6.750 AVE HT= 97.8



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

MIN,MAX= 1.2195E+13 1.5393E+13 INTERVAL= 2.5000E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

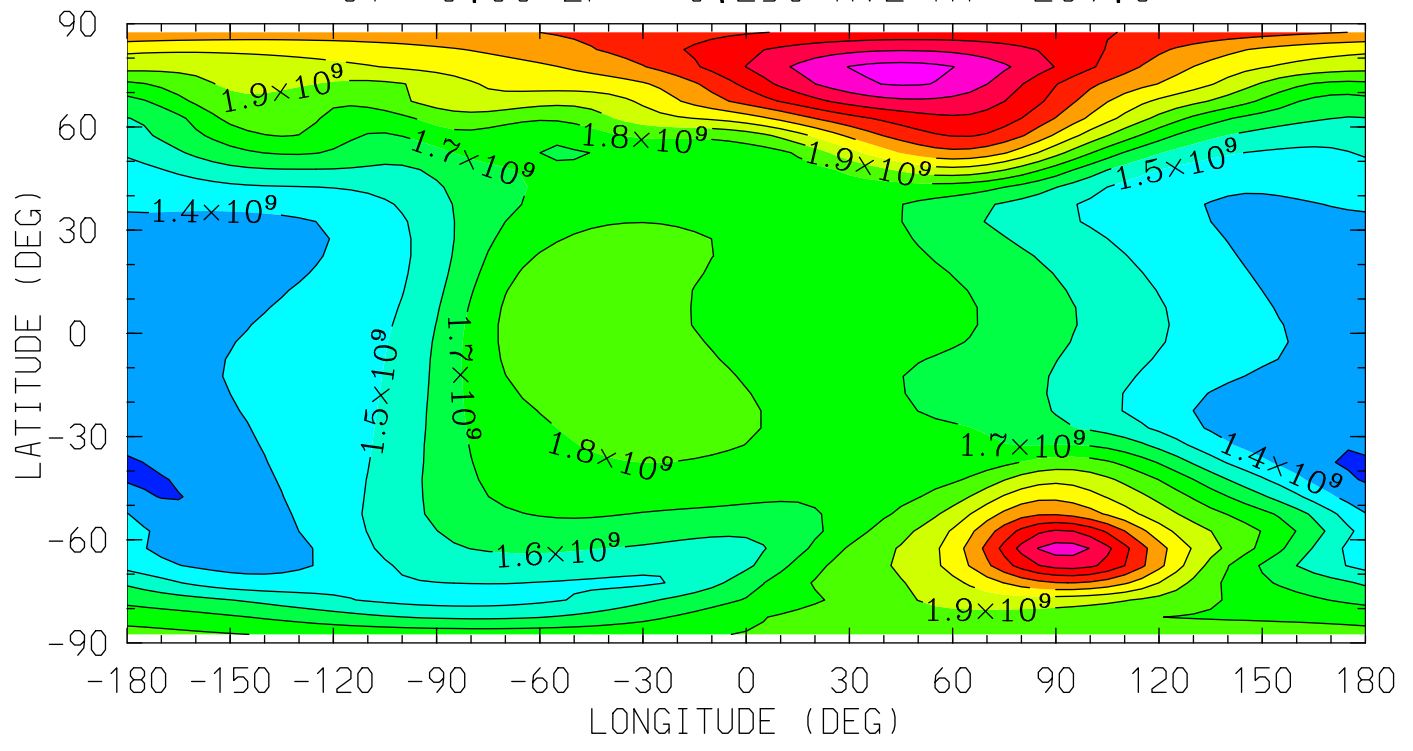
N2 (CM3)  
MOLECULAR NITROGEN  
UT= 0.00 ZP= -4.250 AVE HT= 117.4



MIN,MAX= 4.8399E+11 6.7860E+11 INTERVAL= 1.0000E+10  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

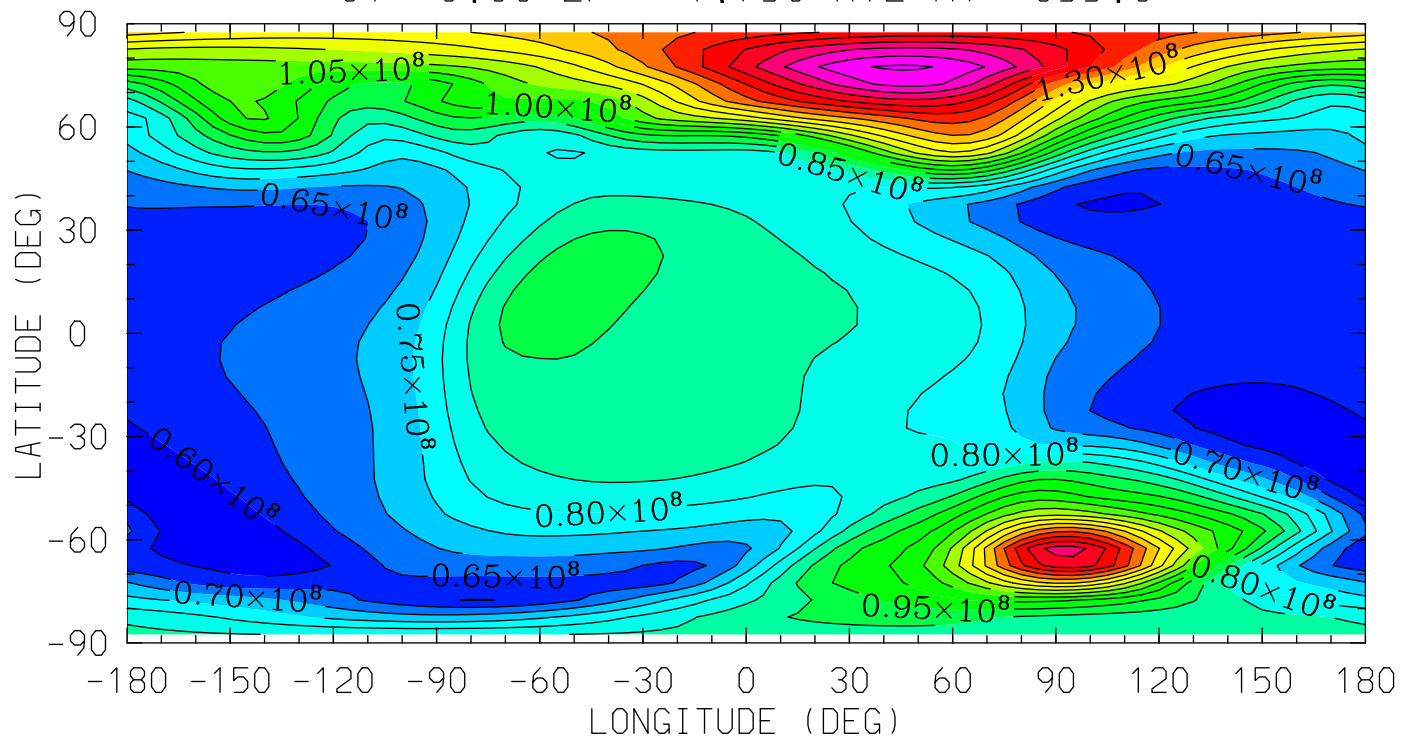


N2 (CM3)  
MOLECULAR NITROGEN  
UT= 0.00 ZP= -0.250 AVE HT= 239.6



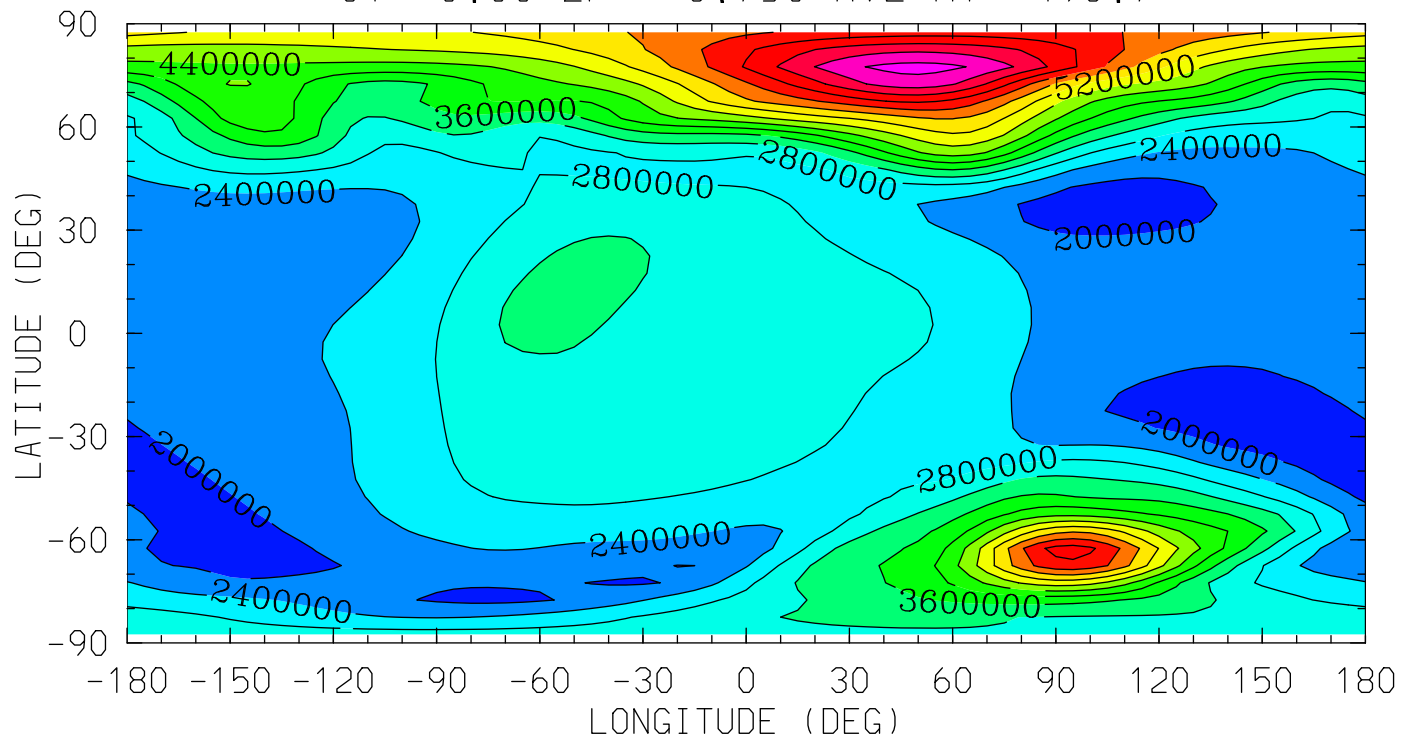
MIN,MAX= 1.2898E+09 2.6353E+09 INTERVAL= 1.0000E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

N2 (CM3)  
MOLECULAR NITROGEN  
UT= 0.00 ZP= 1.750 AVE HT= 355.6



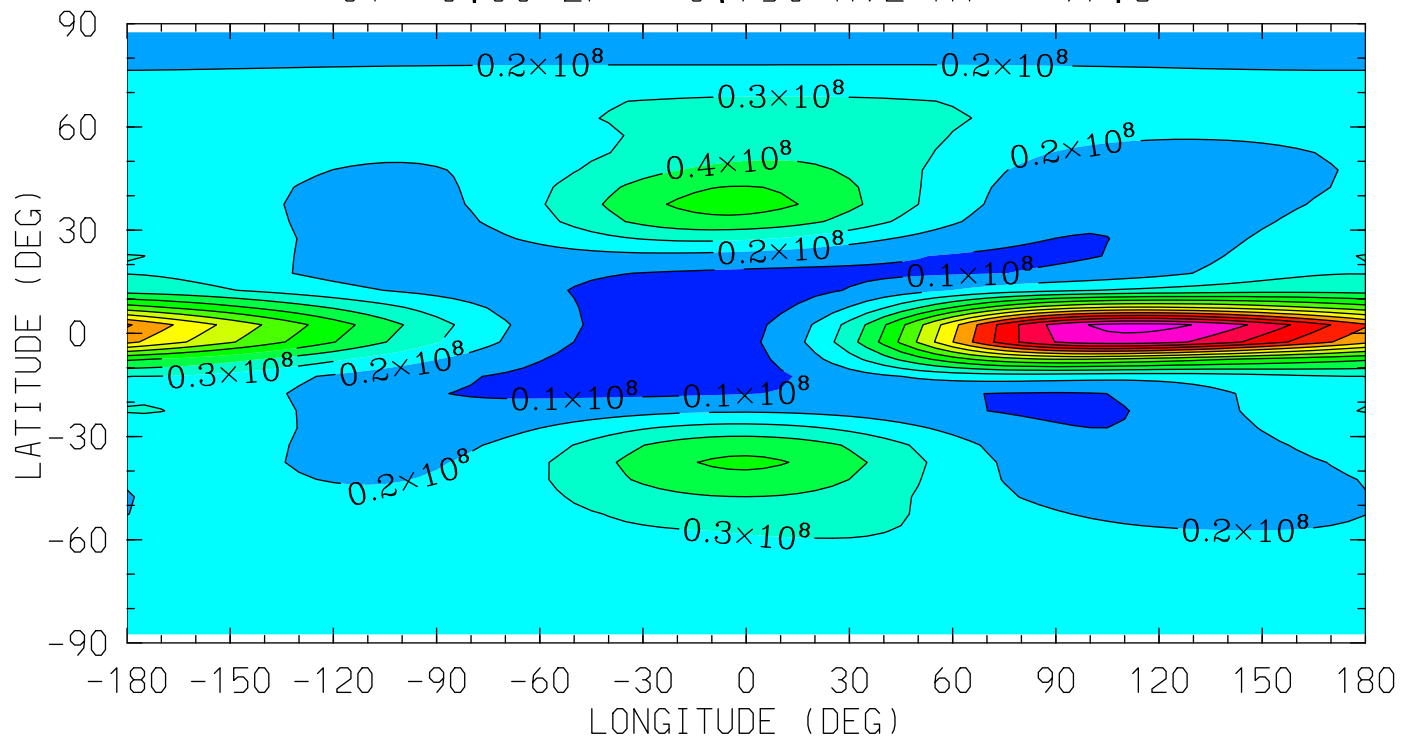
MIN,MAX= 5.6059E+07 1.6585E+08 INTERVAL= 5.0000E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

N2 (CM3)  
MOLECULAR NITROGEN  
UT= 0.00 ZP= 3.750 AVE HT= 493.7



MIN,MAX= 1.8162E+06 7.7512E+06 INTERVAL= 4.0000E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

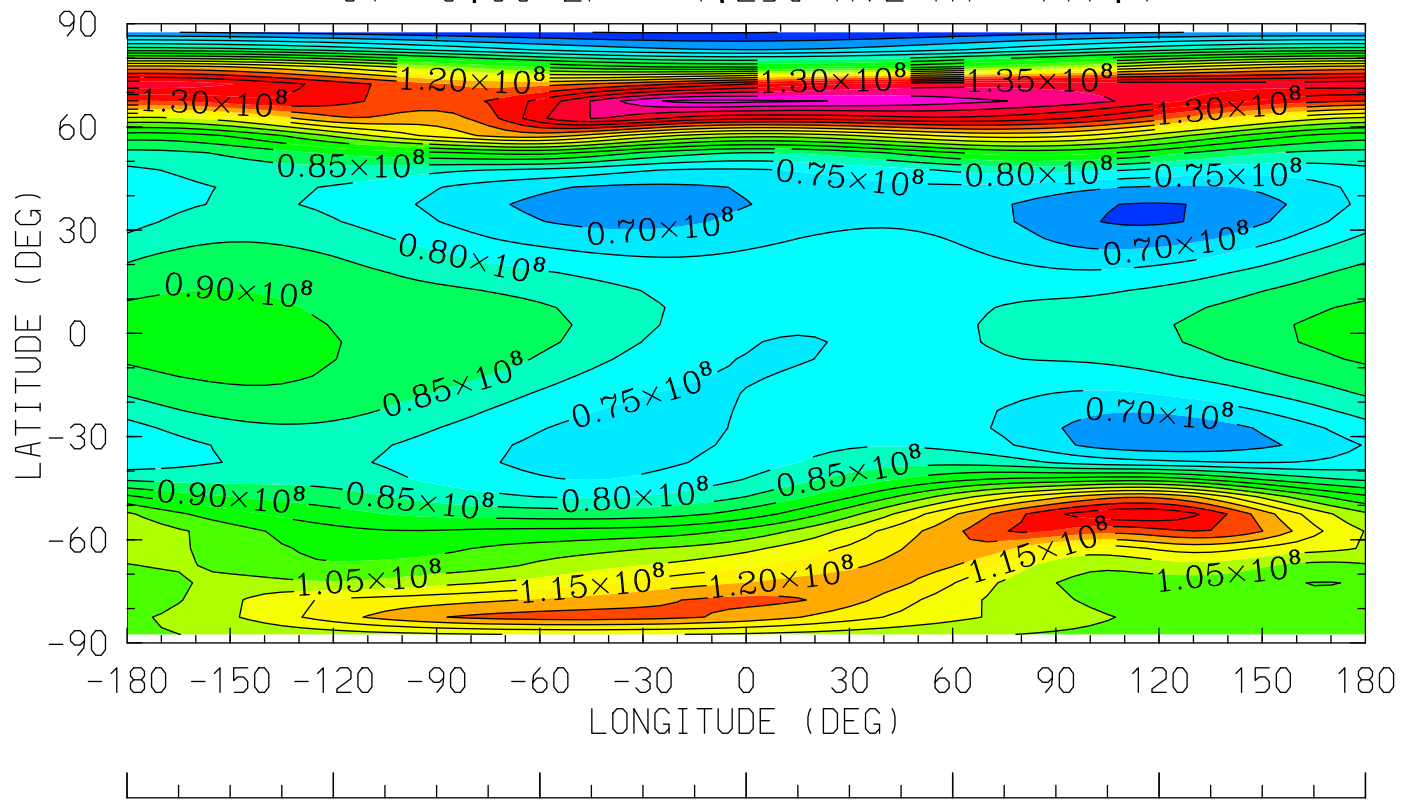
NO (CM3)  
NITRIC OXIDE  
UT= 0.00 ZP= -6.750 AVE HT= 97.8



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

MIN,MAX= 3.7606E+06 1.4381E+08 INTERVAL= 1.0000E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

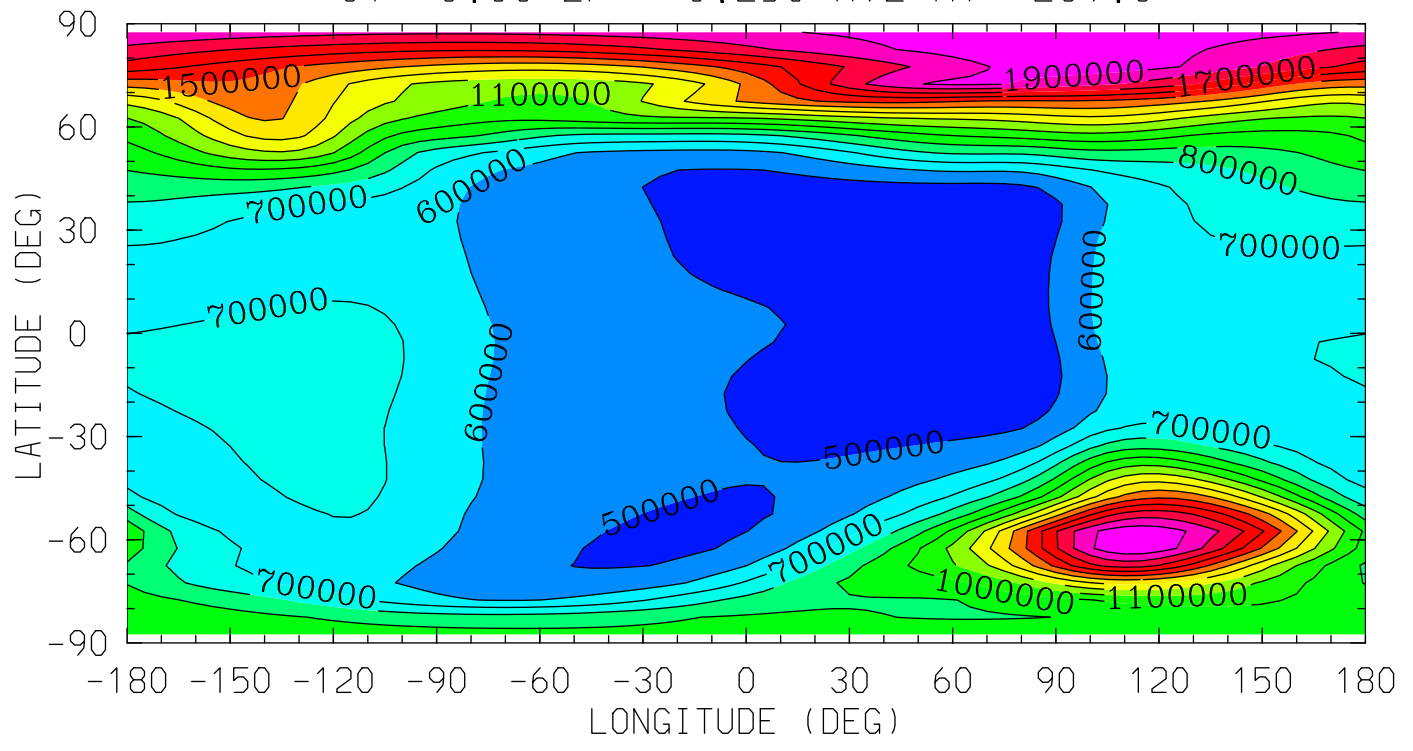
NO (CM3)  
NITRIC OXIDE  
UT= 0.00 ZP= -4.250 AVE HT= 117.4



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

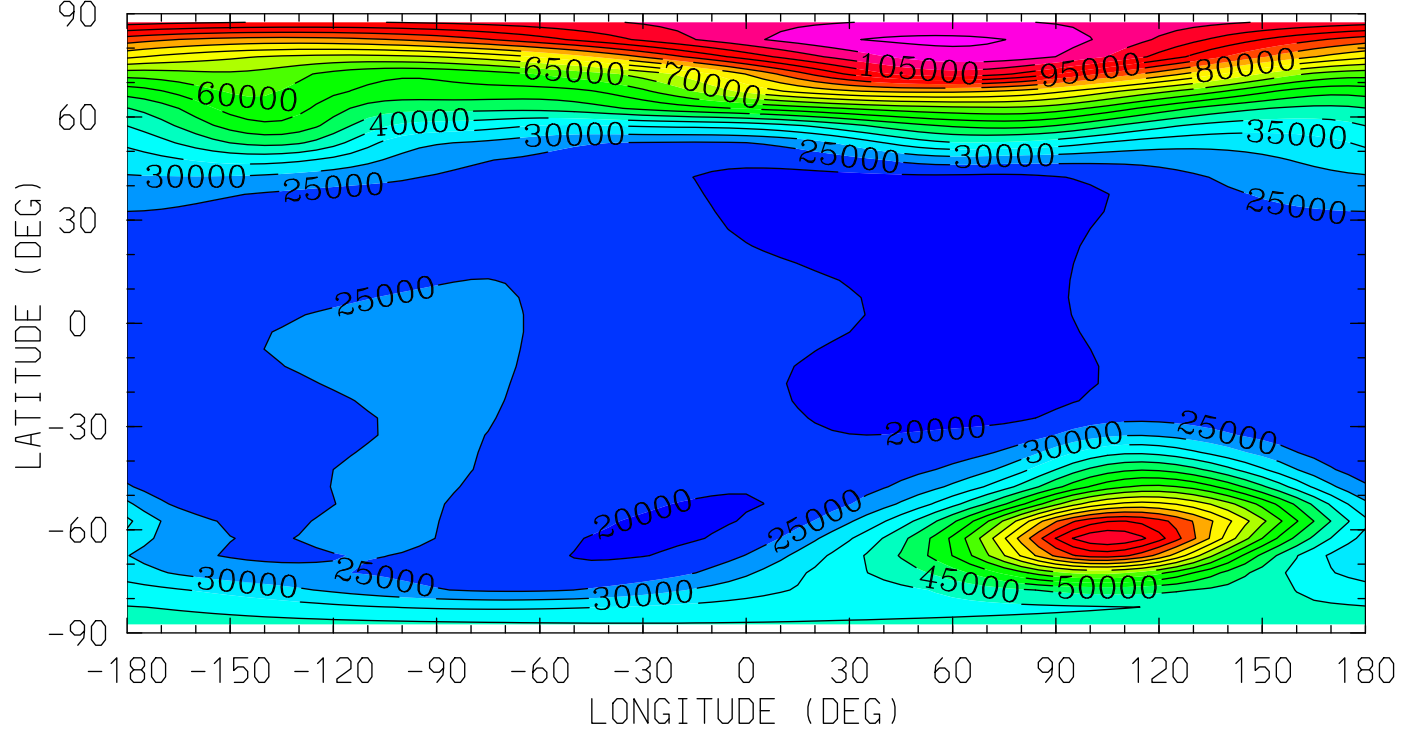
MIN,MAX= 5.9701E+07 1.5685E+08 INTERVAL= 5.0000E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

NO (CM3)  
NITRIC OXIDE  
UT= 0.00 ZP= -0.250 AVE HT= 239.6



MIN,MAX= 4.0237E+05 1.9782E+06 INTERVAL= 1.0000E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

NO (CM3)  
NITRIC OXIDE  
UT= 0.00 ZP= 1.750 AVE HT= 355.6



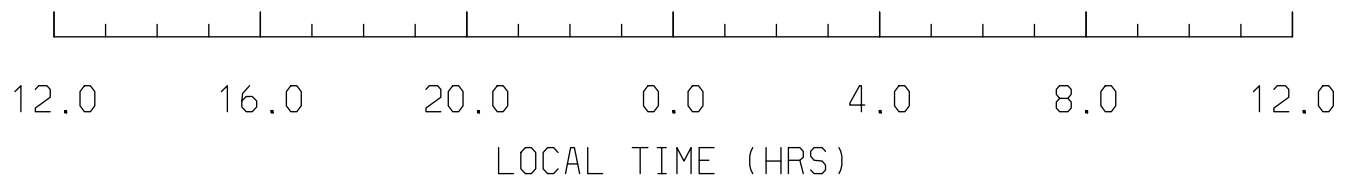
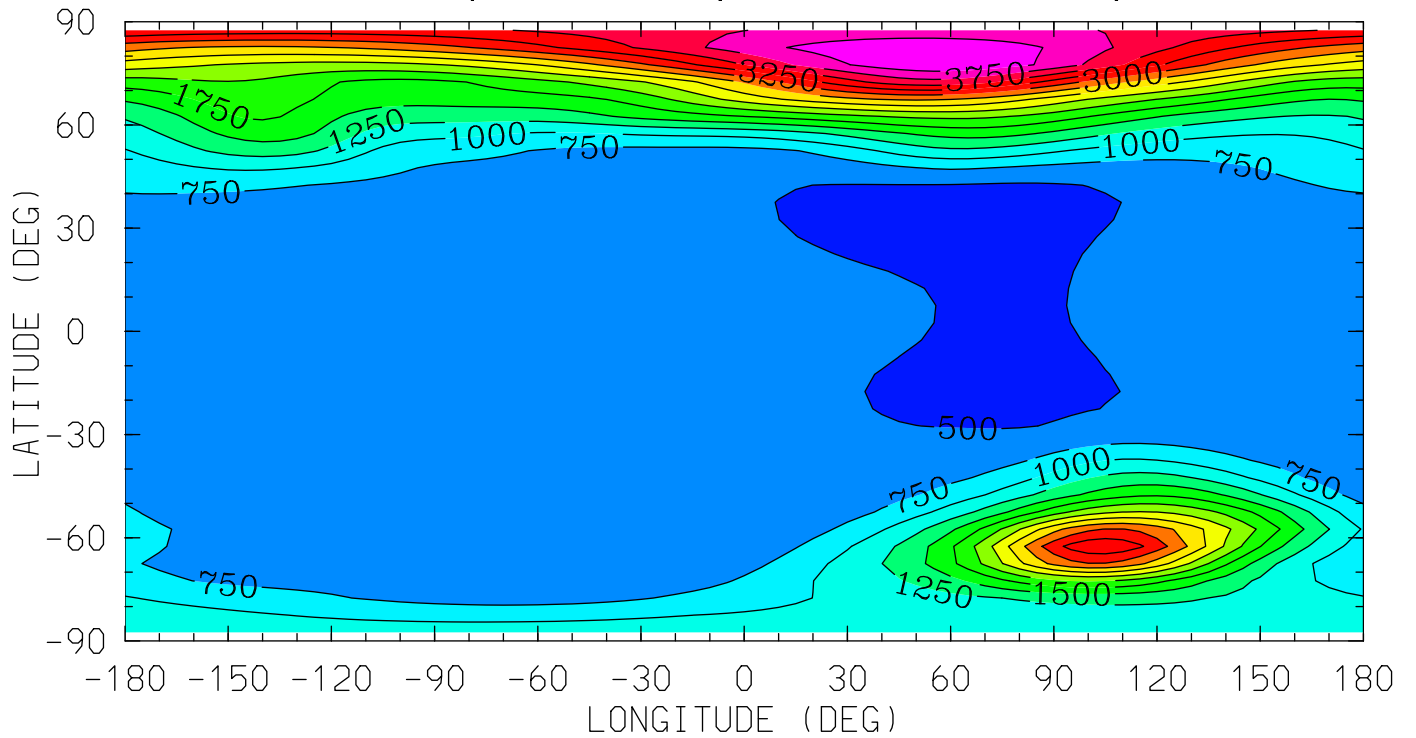
12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.5174E+04 1.1633E+05 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

NO (CM3)

NITRIC OXIDE

UT= 0.00 ZP= 3.750 AVE HT= 493.7



MIN,MAX= 3.7891E+02 4.1983E+03 INTERVAL= 2.5000E+02

tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)

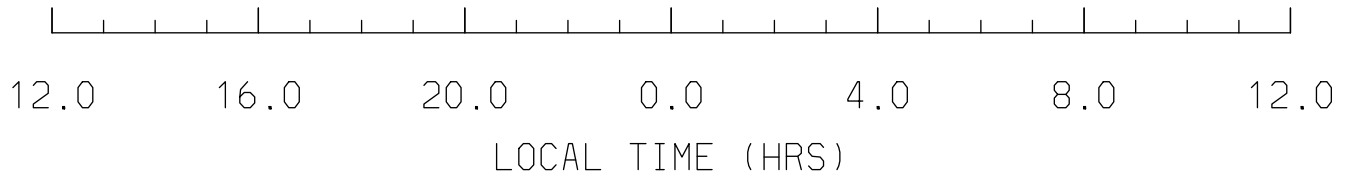
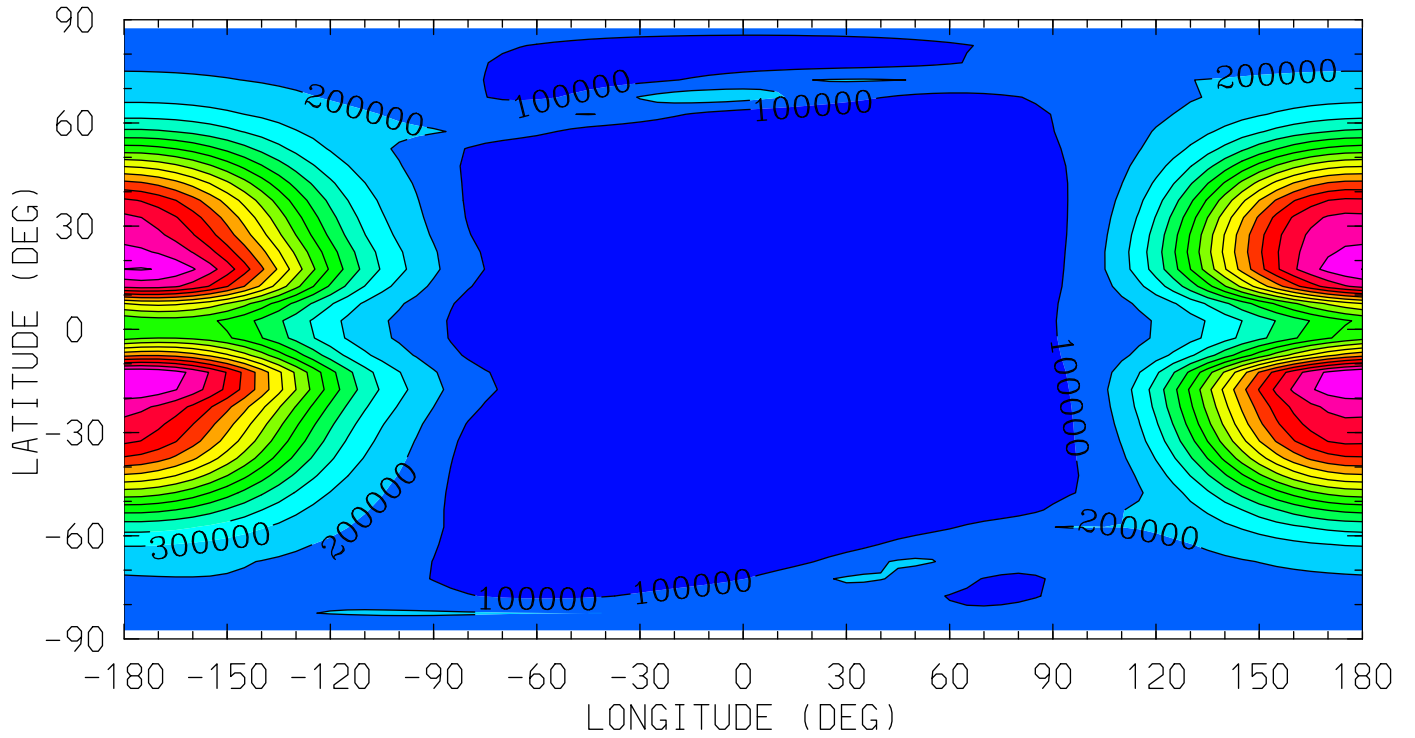
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc



N4S (CM3)

N4S

UT= 0.00 ZP= -6.750 AVE HT= 97.8

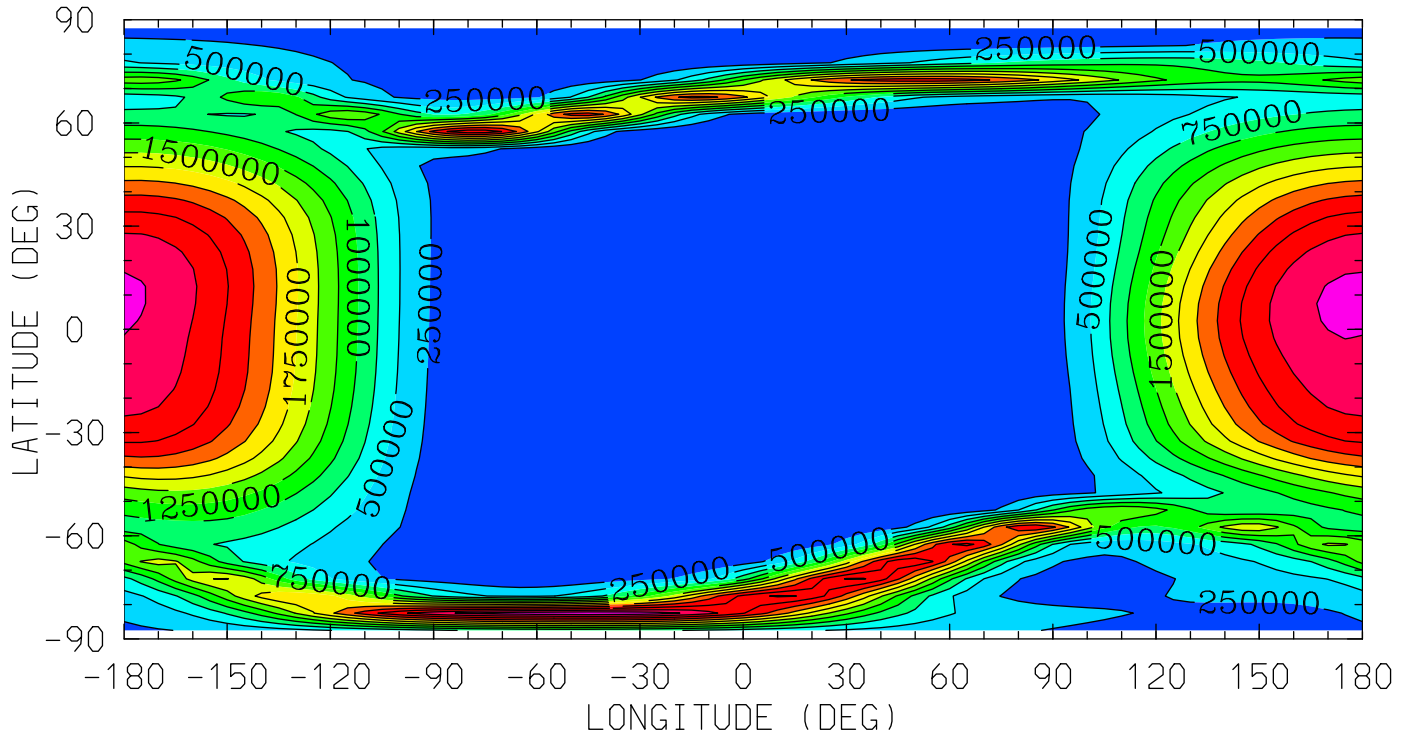


MIN,MAX= 3.3638E+01 1.7077E+06 INTERVAL= 1.0000E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

N4S (CM3)

N4S

UT= 0.00 ZP= -4.250 AVE HT= 117.4



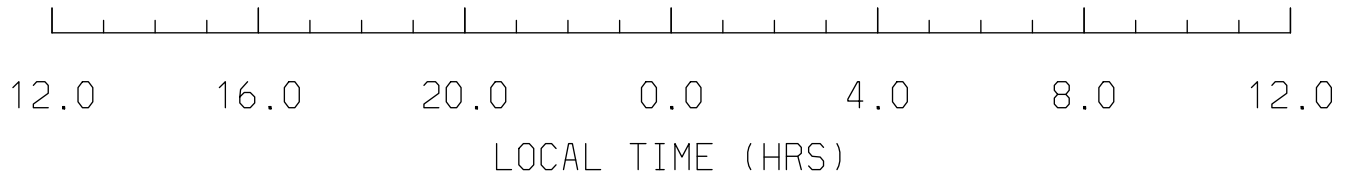
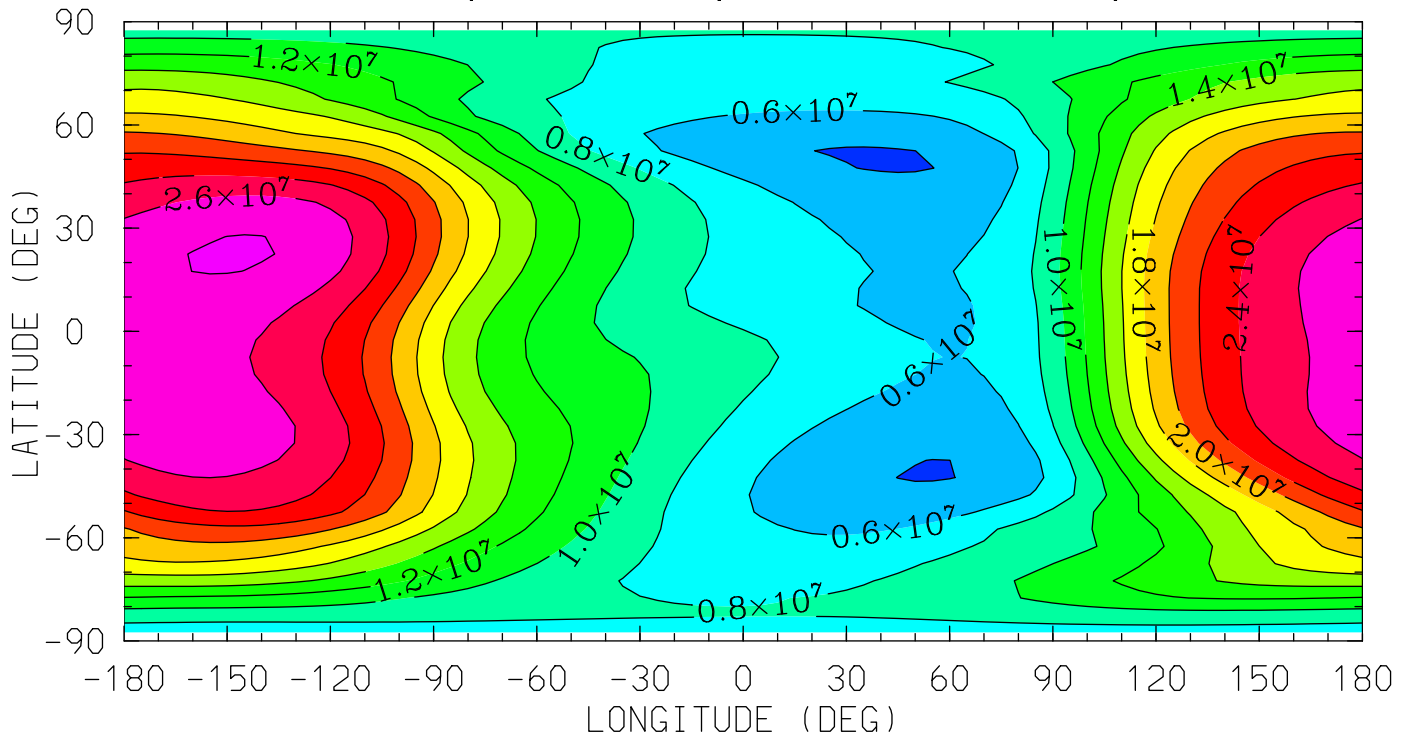
12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.3837E+00 3.1808E+06 INTERVAL= 2.5000E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

N4S (CM3)

N4S

UT= 0.00 ZP= -0.250 AVE HT= 239.6

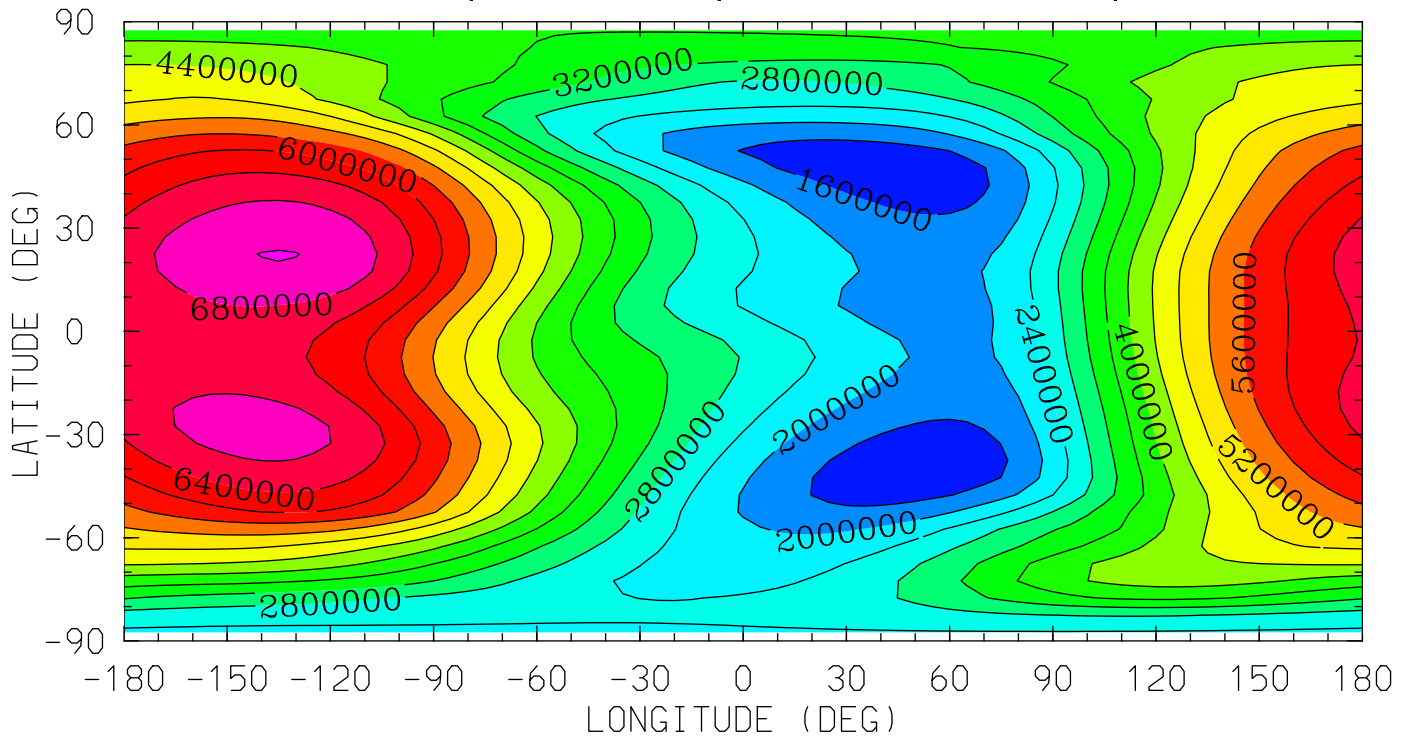


MIN,MAX= 3.8518E+06 2.8209E+07 INTERVAL= 2.0000E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

N4S (CM3)

N4S

UT= 0.00 ZP= 1.750 AVE HT= 355.6



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

MIN,MAX= 1.3264E+06 7.2165E+06 INTERVAL= 4.0000E+05

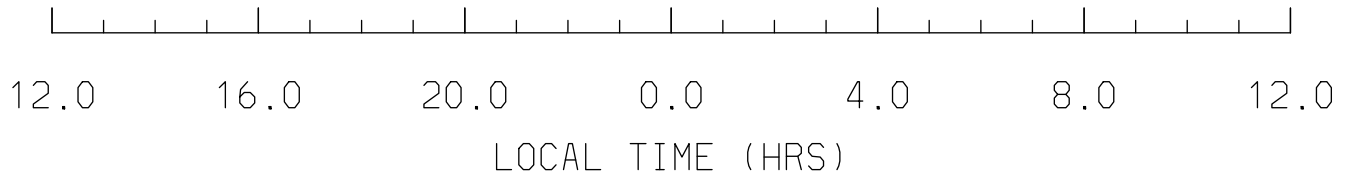
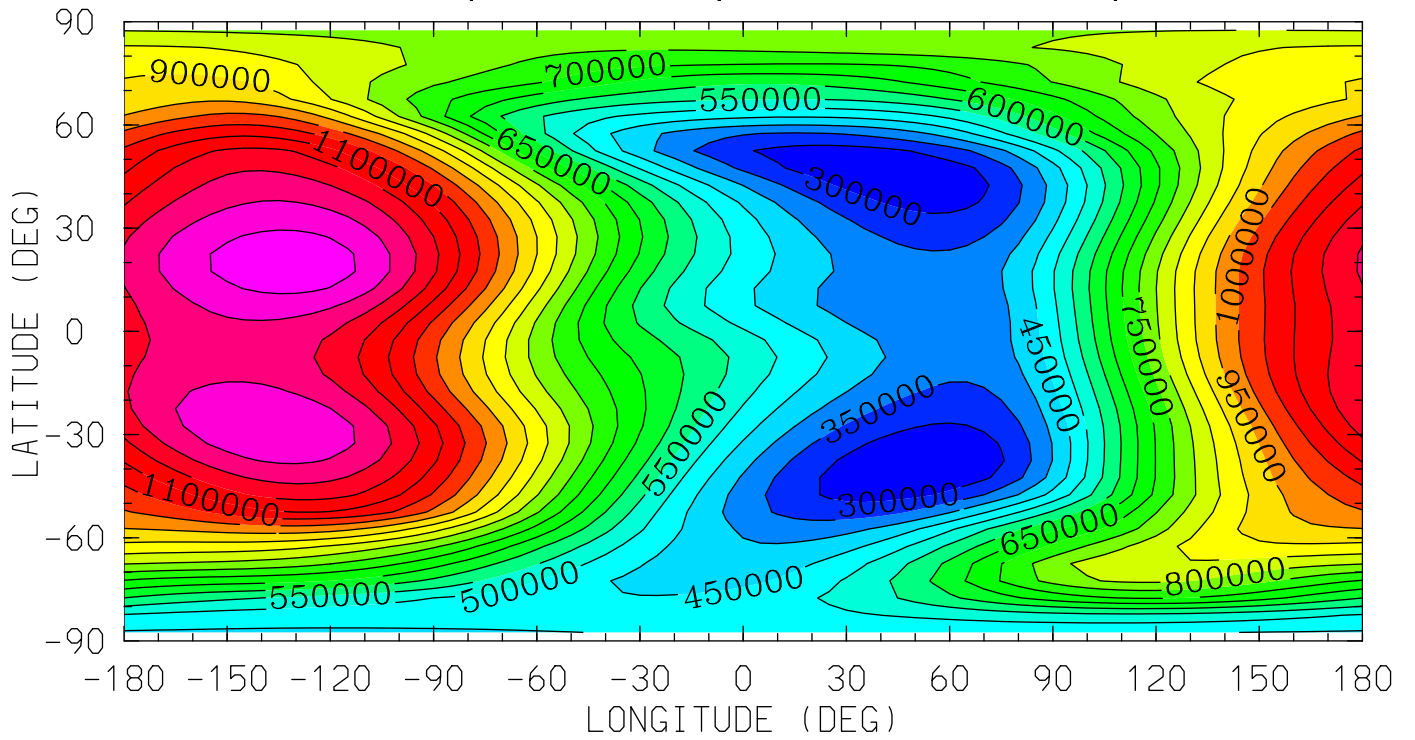
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)

tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

N4S (CM3)

N4S

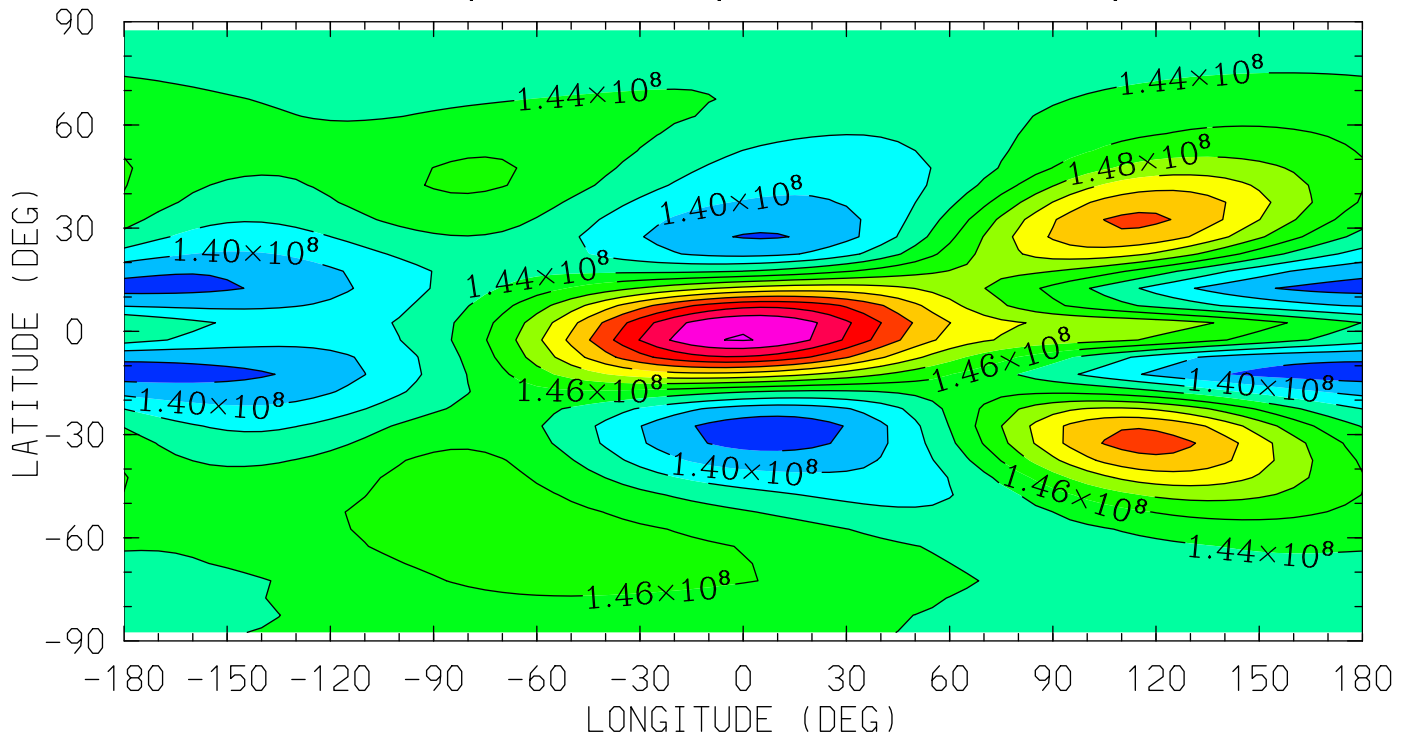
UT= 0.00 ZP= 3.750 AVE HT= 493.7



MIN,MAX= 2.5436E+05 1.3342E+06 INTERVAL= 5.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

HE (CM3)  
HELIUM (HE)

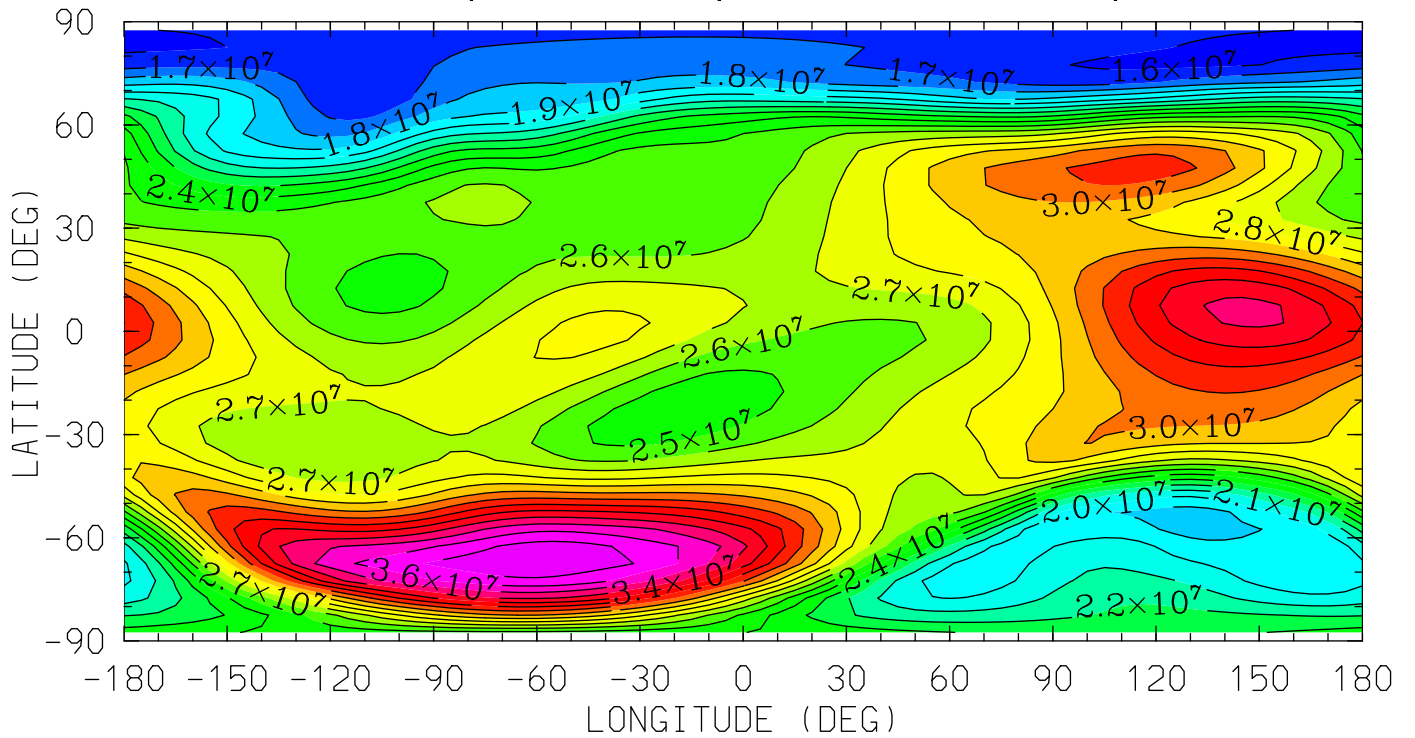
UT= 0.00 ZP= -6.750 AVE HT= 97.8



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

MIN,MAX= 1.3676E+08 1.6211E+08 INTERVAL= 2.0000E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

HE (CM3)  
HELIUM (HE)  
UT= 0.00 ZP= -4.250 AVE HT= 117.4

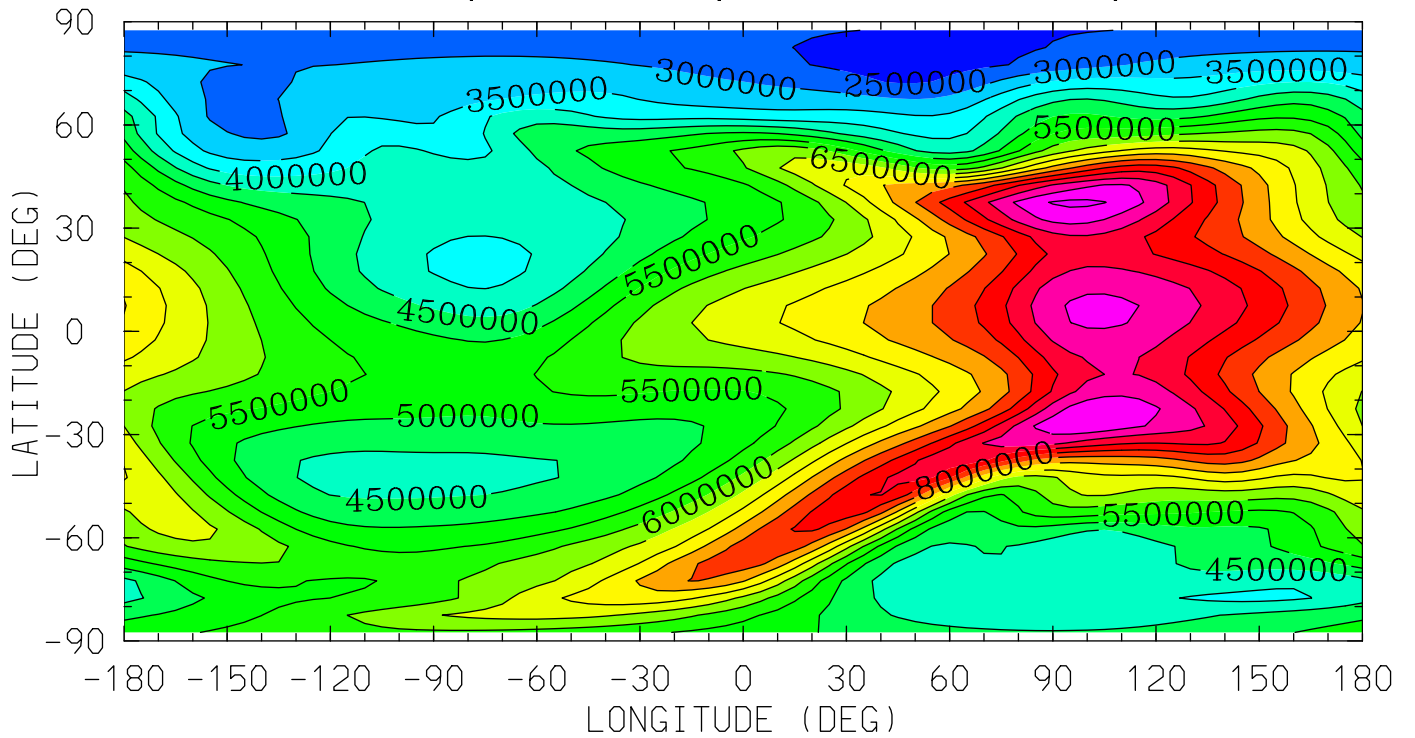


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.5709E+07 3.7762E+07 INTERVAL= 1.0000E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

HE (CM3)  
HELIUM (HE)

UT= 0.00 ZP= -0.250 AVE HT= 239.6



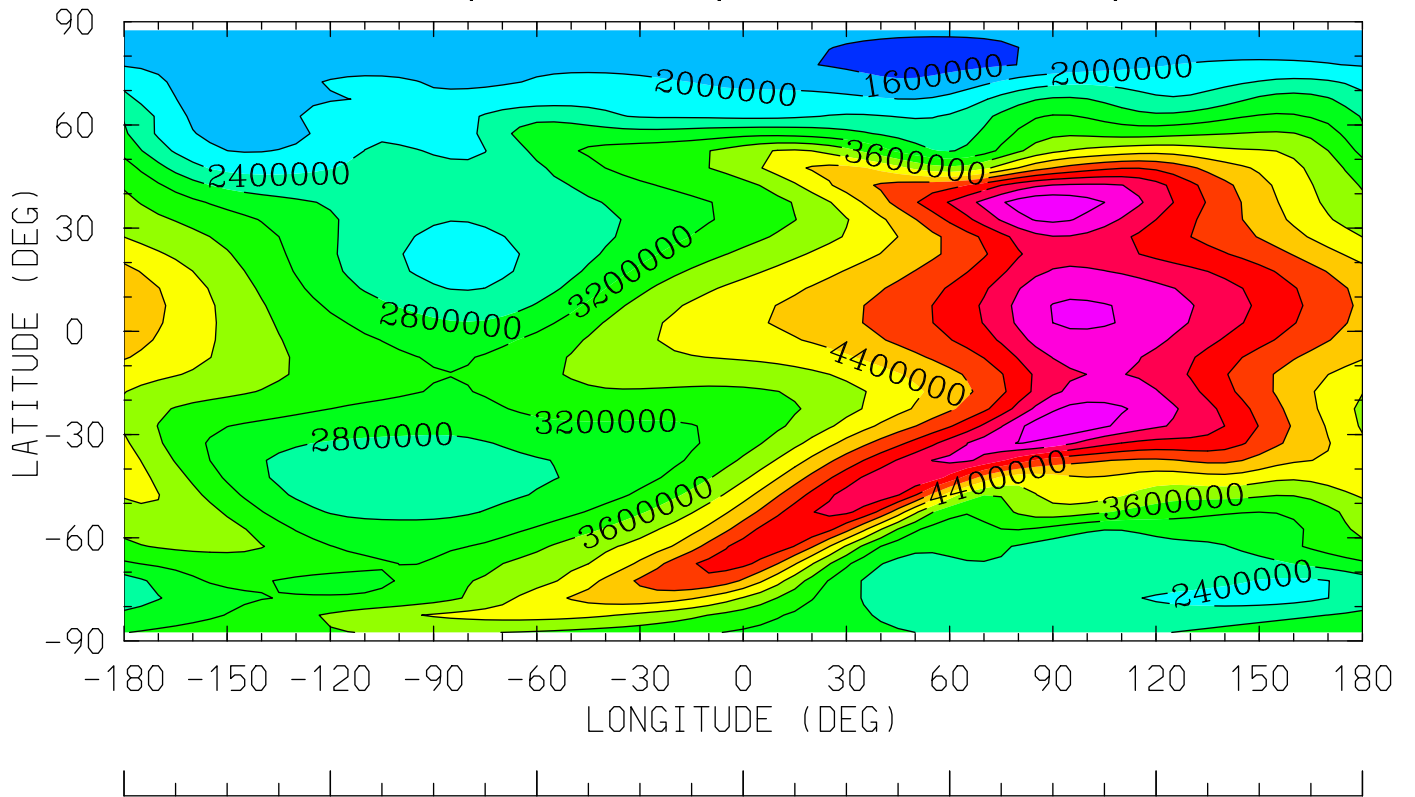
12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 2.3113E+06 1.0619E+07 INTERVAL= 5.0000E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc



HE (CM3)  
HELIUM (HE)

UT= 0.00 ZP= 1.750 AVE HT= 355.6

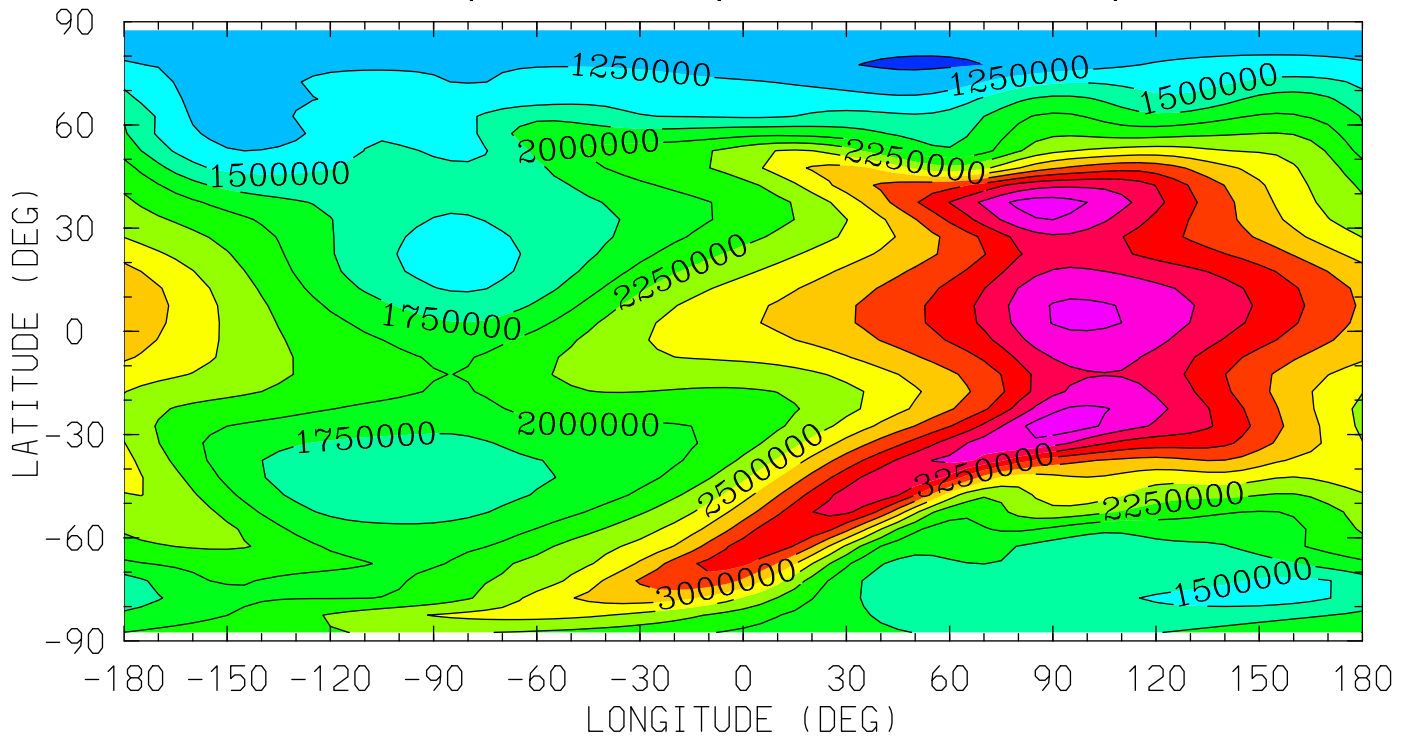


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.4821E+06 6.7159E+06 INTERVAL= 4.0000E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

HE (CM3)  
HELIUM (HE)

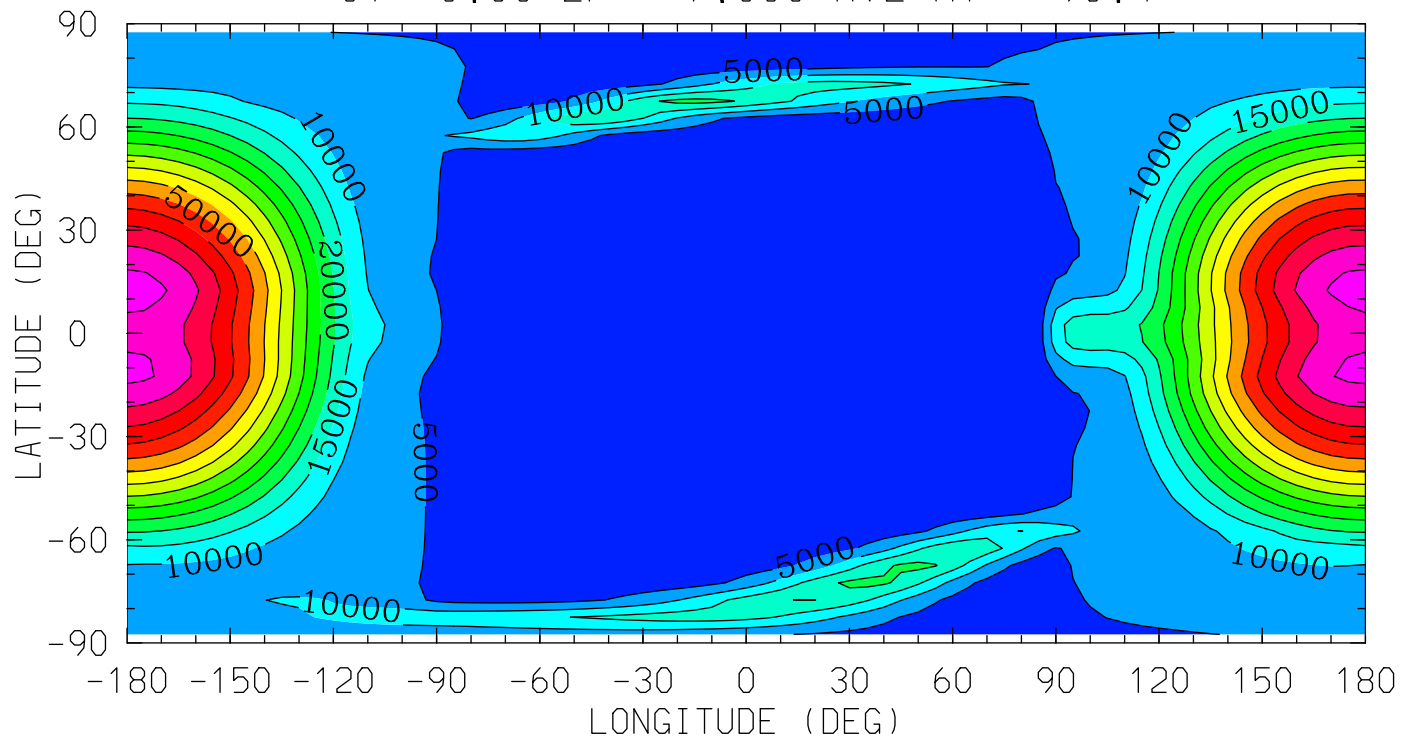
UT= 0.00 ZP= 3.750 AVE HT= 493.7



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

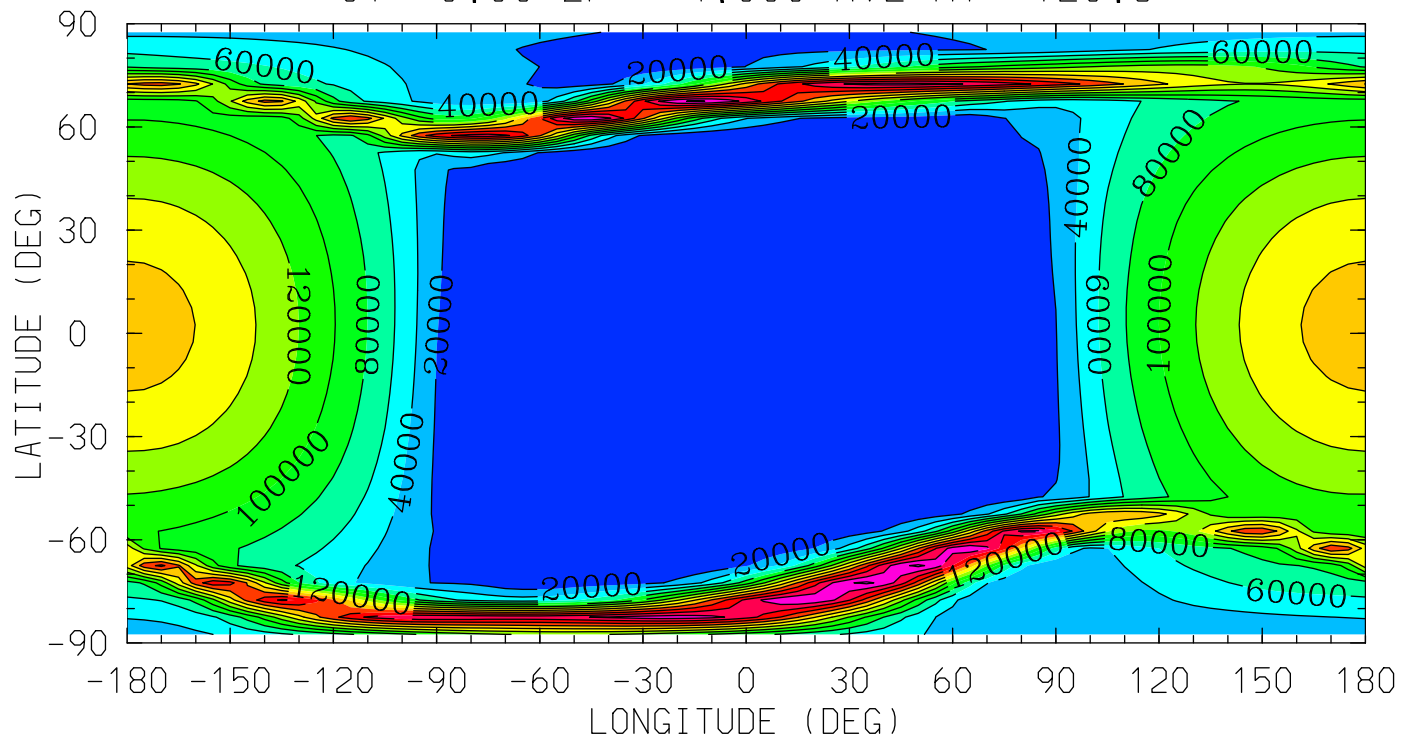
MIN,MAX= 9.6881E+05 4.1626E+06 INTERVAL= 2.5000E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 1.7047E+03 7.2302E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

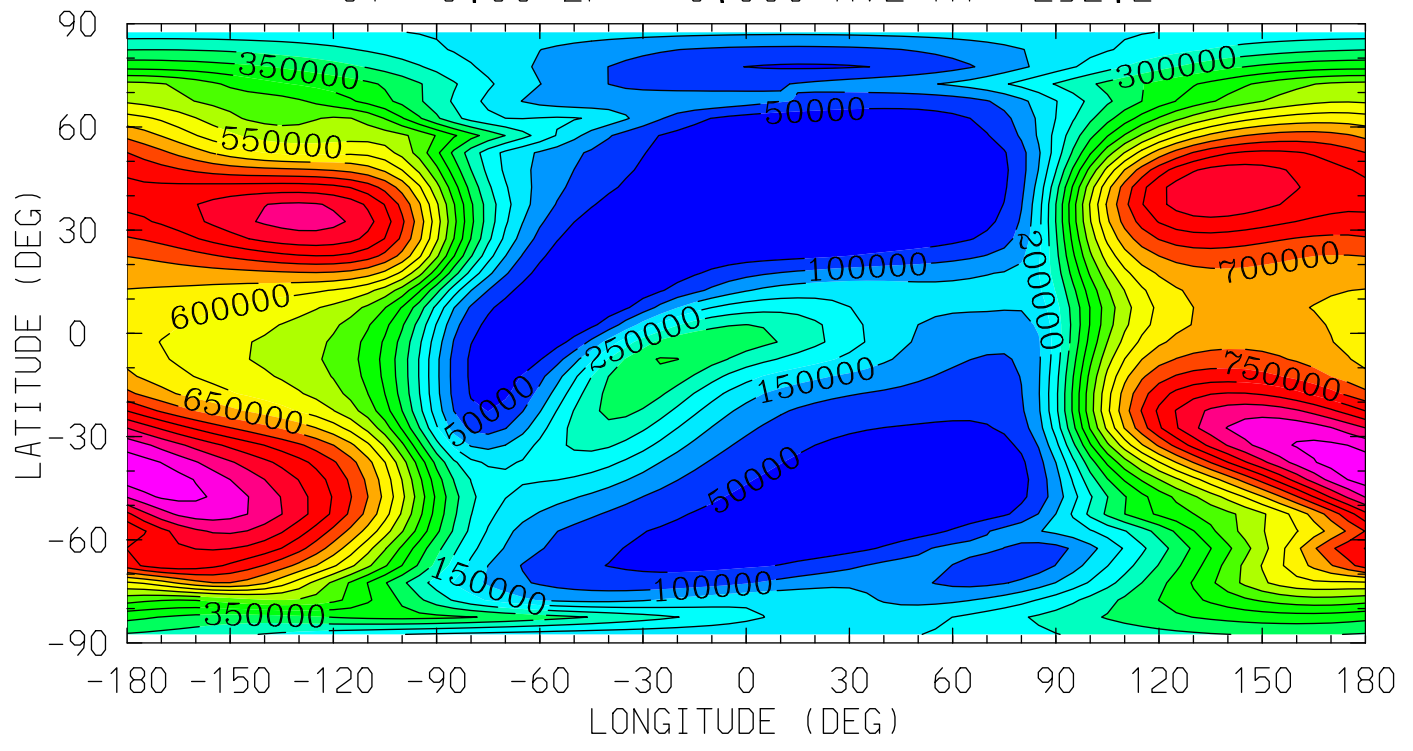
NE (CM3)  
ELECTRON DENSITY  
UT= 0.00 ZP= -4.000 AVE HT= 120.8



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

MIN,MAX= 2.0075E+03 2.6449E+05 INTERVAL= 2.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

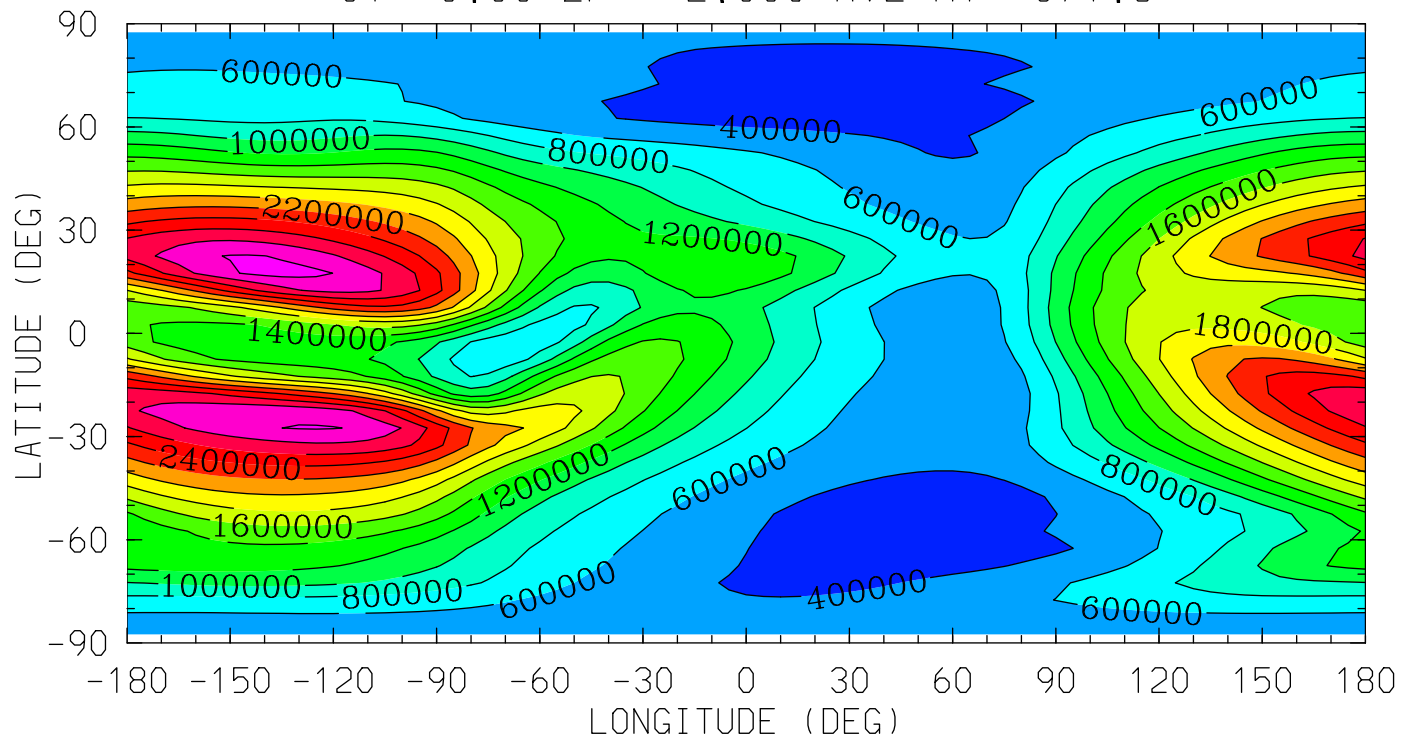
NE (CM3)  
ELECTRON DENSITY  
UT= 0.00 ZP= 0.000 AVE HT= 252.2



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

MIN,MAX= 2.7525E+03 1.0330E+06 INTERVAL= 5.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

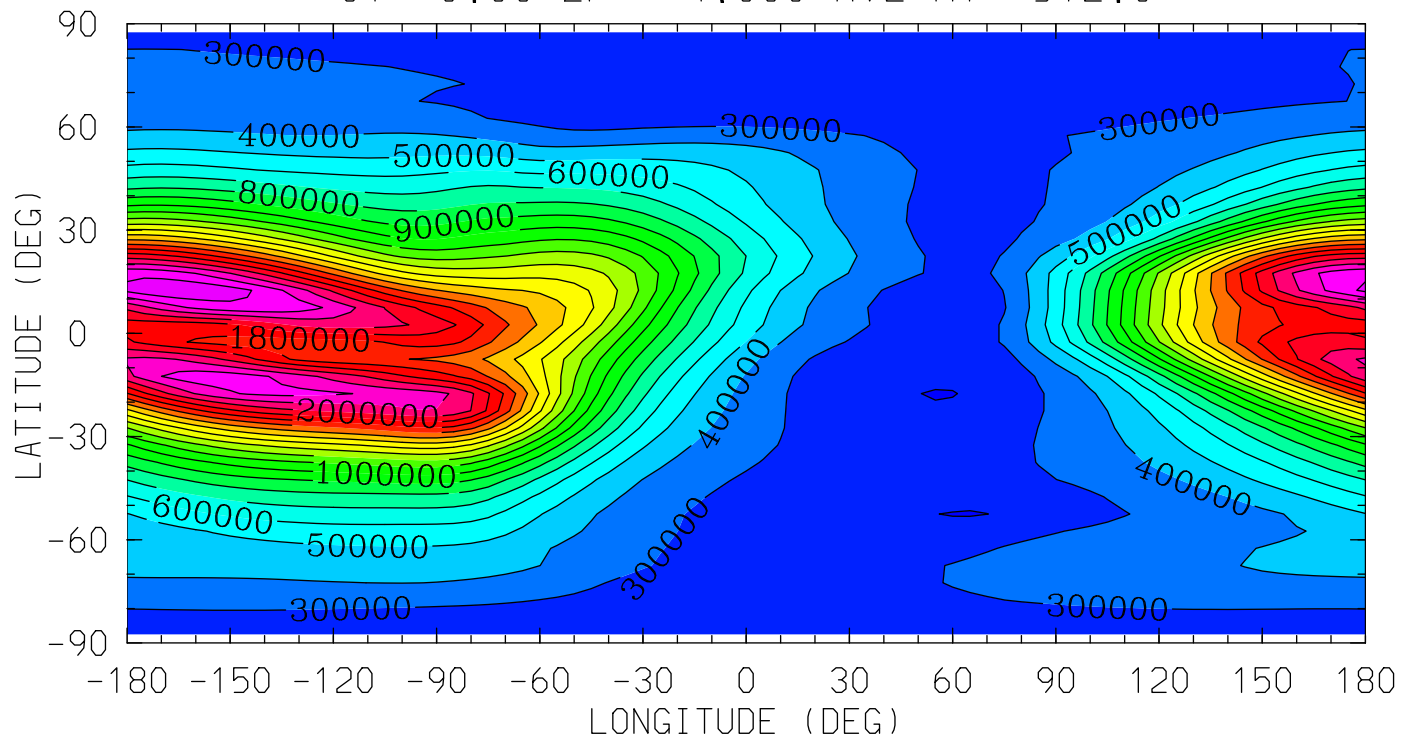
NE (CM3)  
ELECTRON DENSITY  
UT= 0.00 ZP= 2.000 AVE HT= 371.8



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

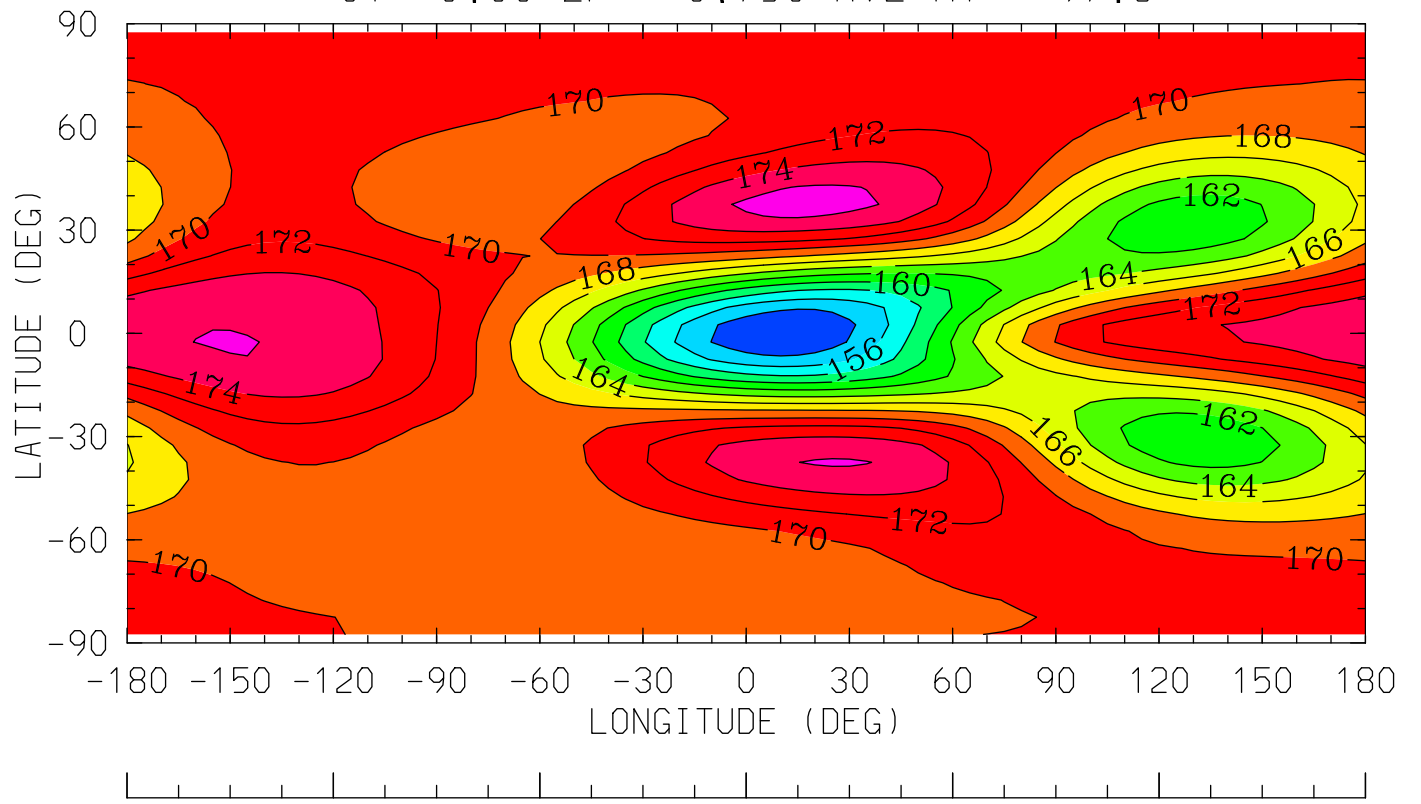
MIN,MAX= 2.2813E+05 3.0714E+06 INTERVAL= 2.0000E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

NE (CM3)  
ELECTRON DENSITY  
UT= 0.00 ZP= 4.000 AVE HT= 512.0



MIN,MAX= 1.9549E+05 2.3955E+06 INTERVAL= 1.0000E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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

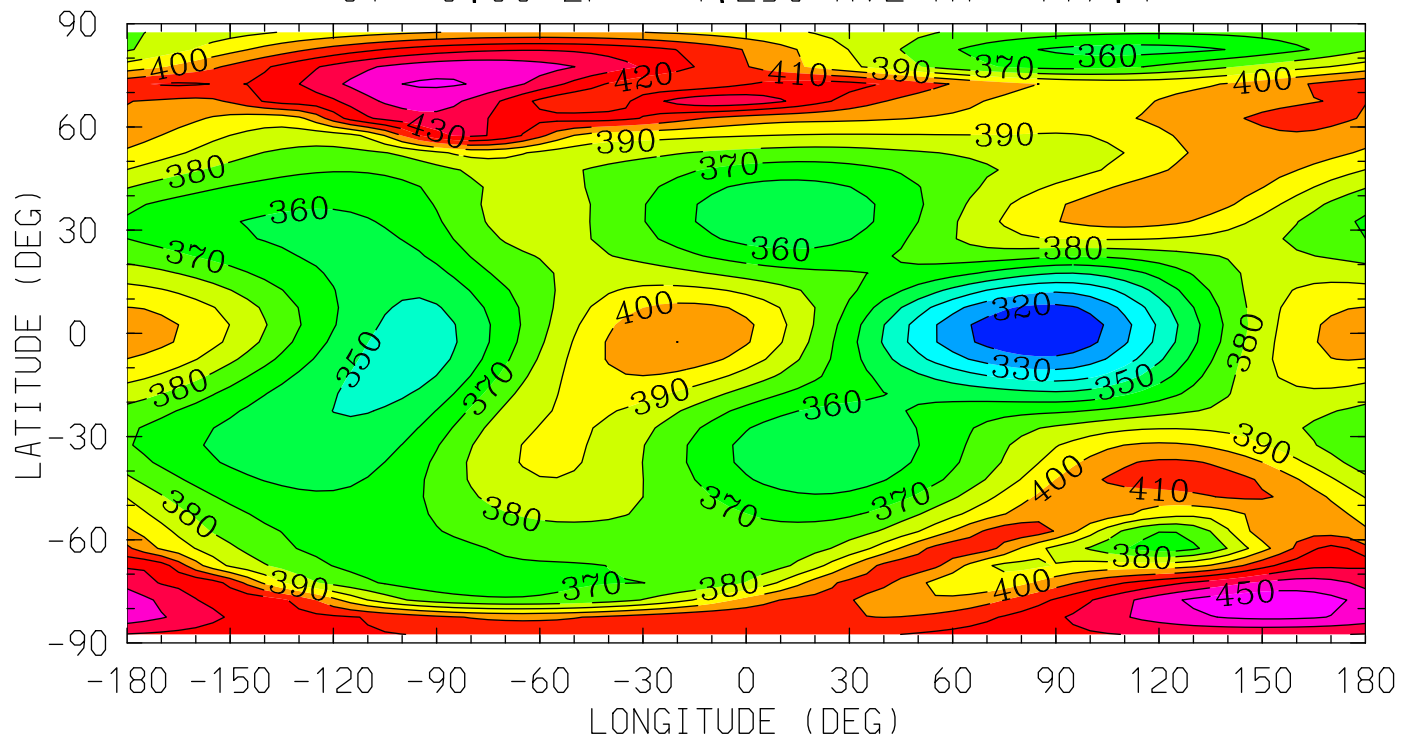


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.5227E+02 1.7688E+02 INTERVAL= 2.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

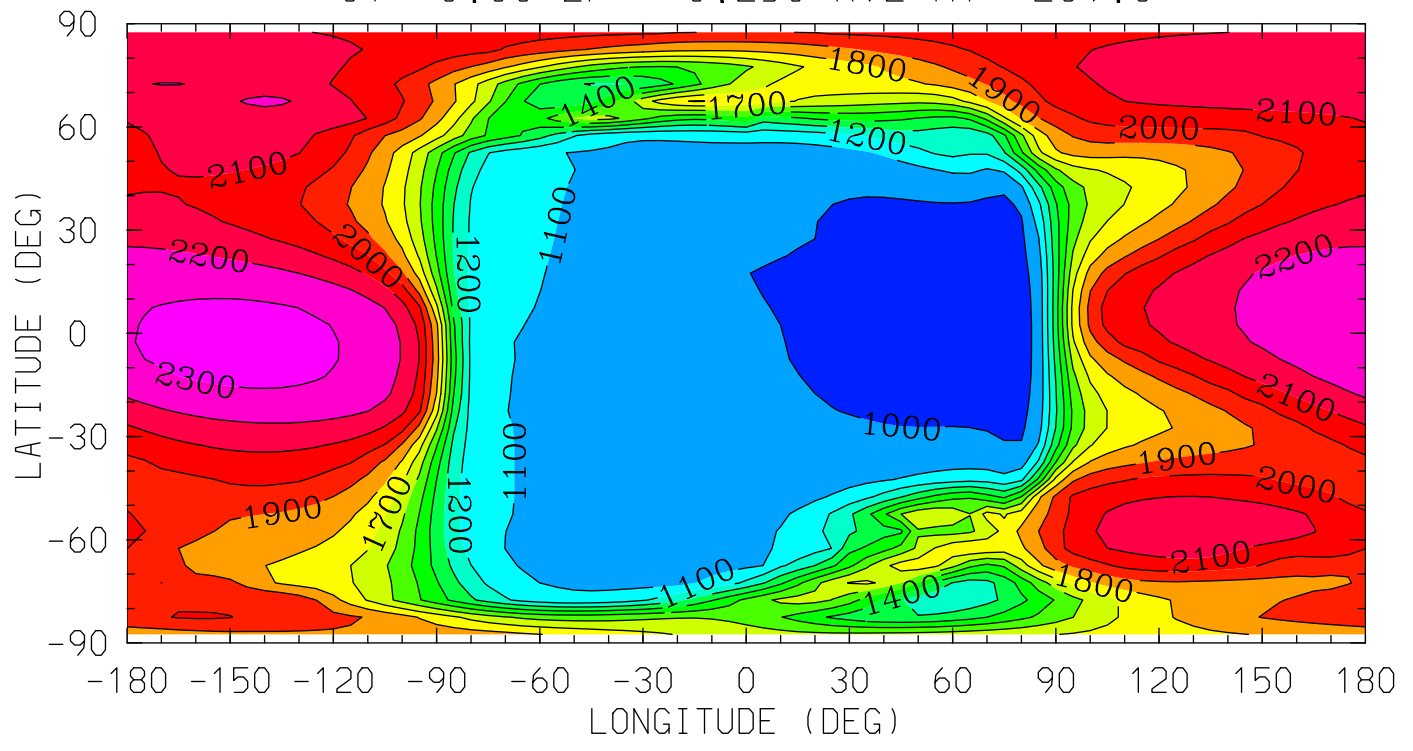


TE (DEG K)  
ELECTRON TEMPERATURE  
UT= 0.00 ZP= -4.250 AVE HT= 117.4



MIN,MAX= 3.1043E+02 4.5793E+02 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

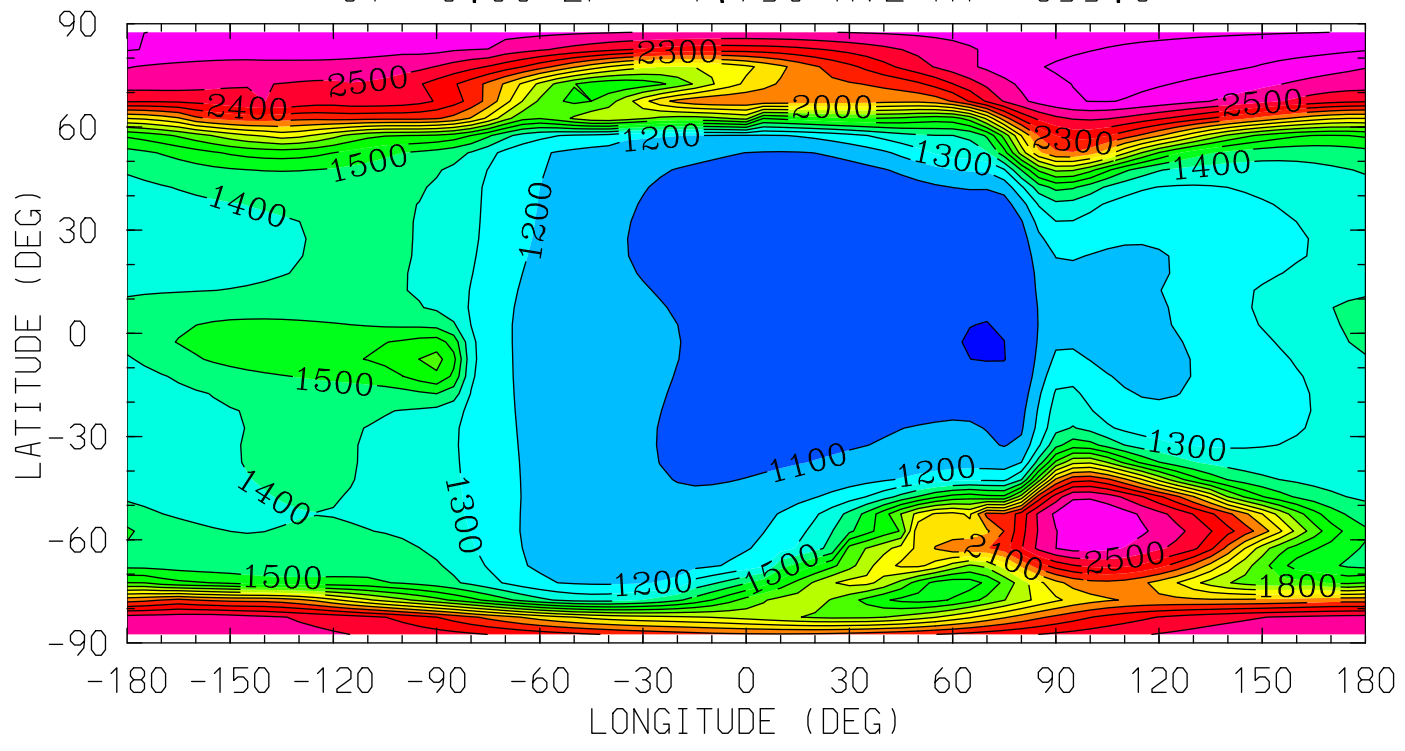
TE (DEG K)  
ELECTRON TEMPERATURE  
UT= 0.00 ZP= -0.250 AVE HT= 239.6



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

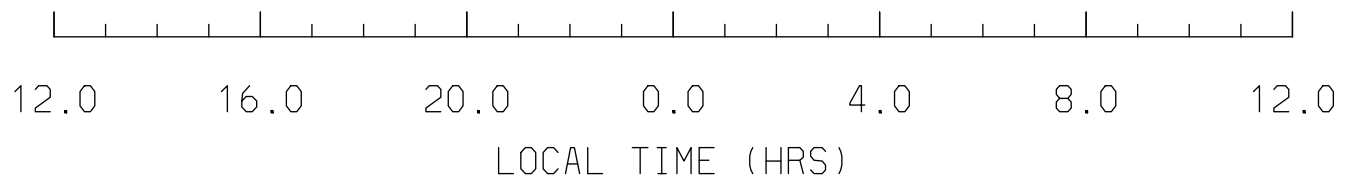
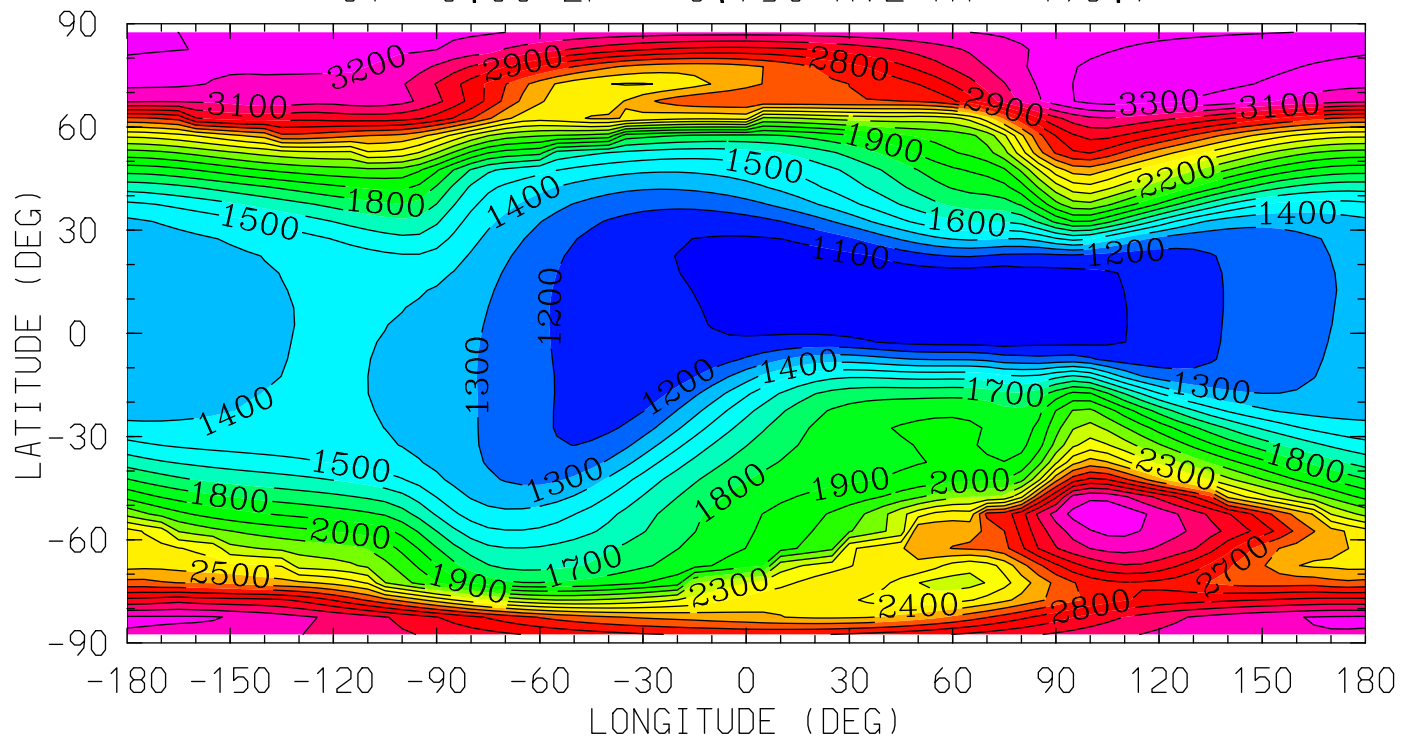
MIN,MAX= 9.5561E+02 2.3320E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

TE (DEG K)  
ELECTRON TEMPERATURE  
UT= 0.00 ZP= 1.750 AVE HT= 355.6



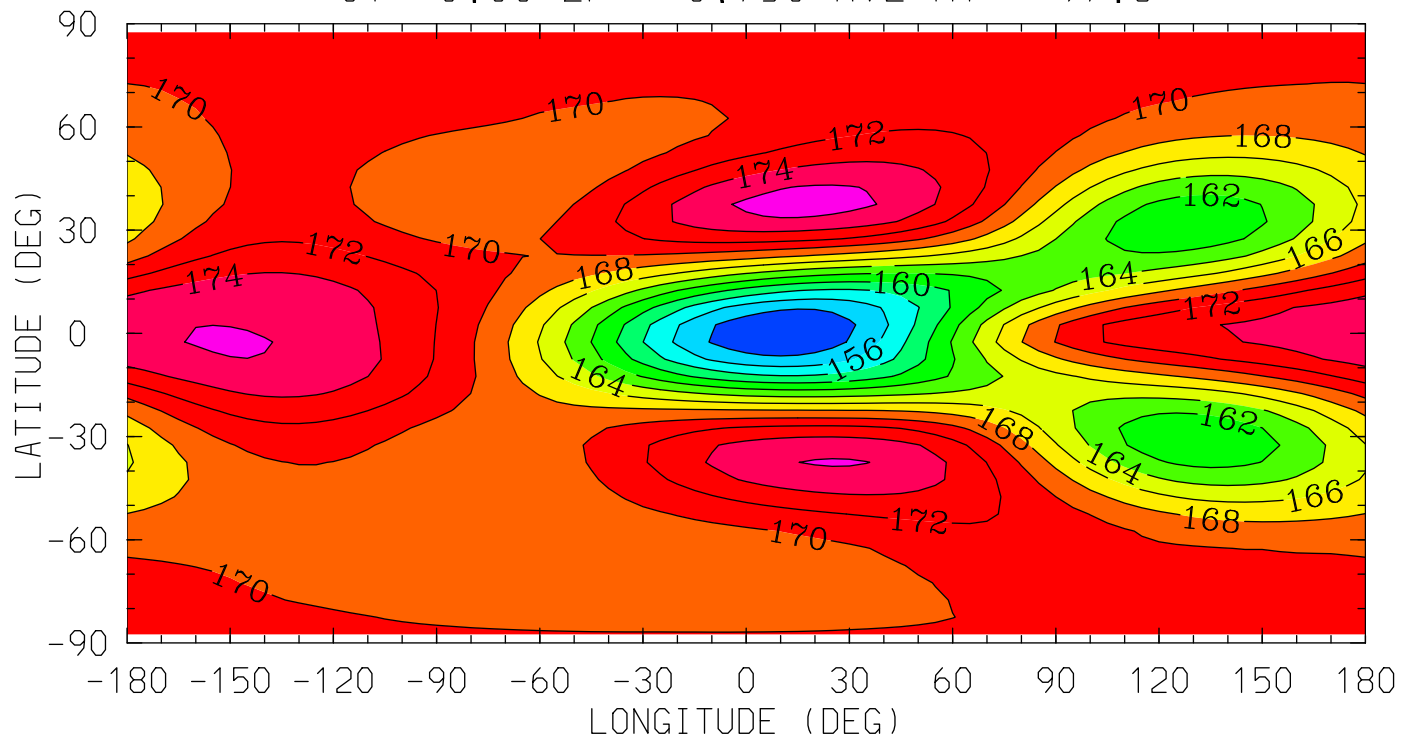
MIN,MAX= 9.9817E+02 2.7488E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

TE (DEG K)  
ELECTRON TEMPERATURE  
UT= 0.00 ZP= 3.750 AVE HT= 493.7



MIN,MAX= 1.0183E+03 3.3751E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

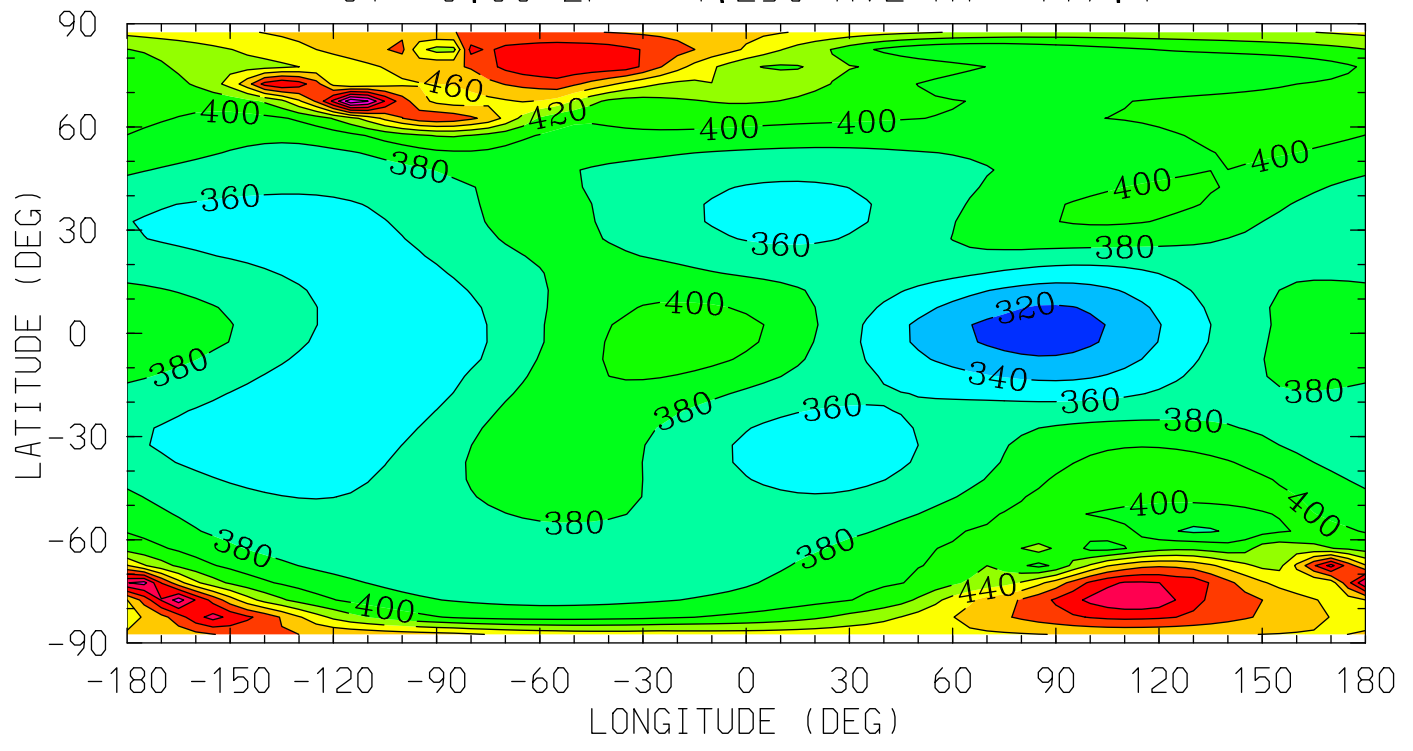
TI (DEG K)  
ION TEMPERATURE  
UT= 0.00 ZP= -6.750 AVE HT= 97.8



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

MIN,MAX= 1.5226E+02 1.7688E+02 INTERVAL= 2.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

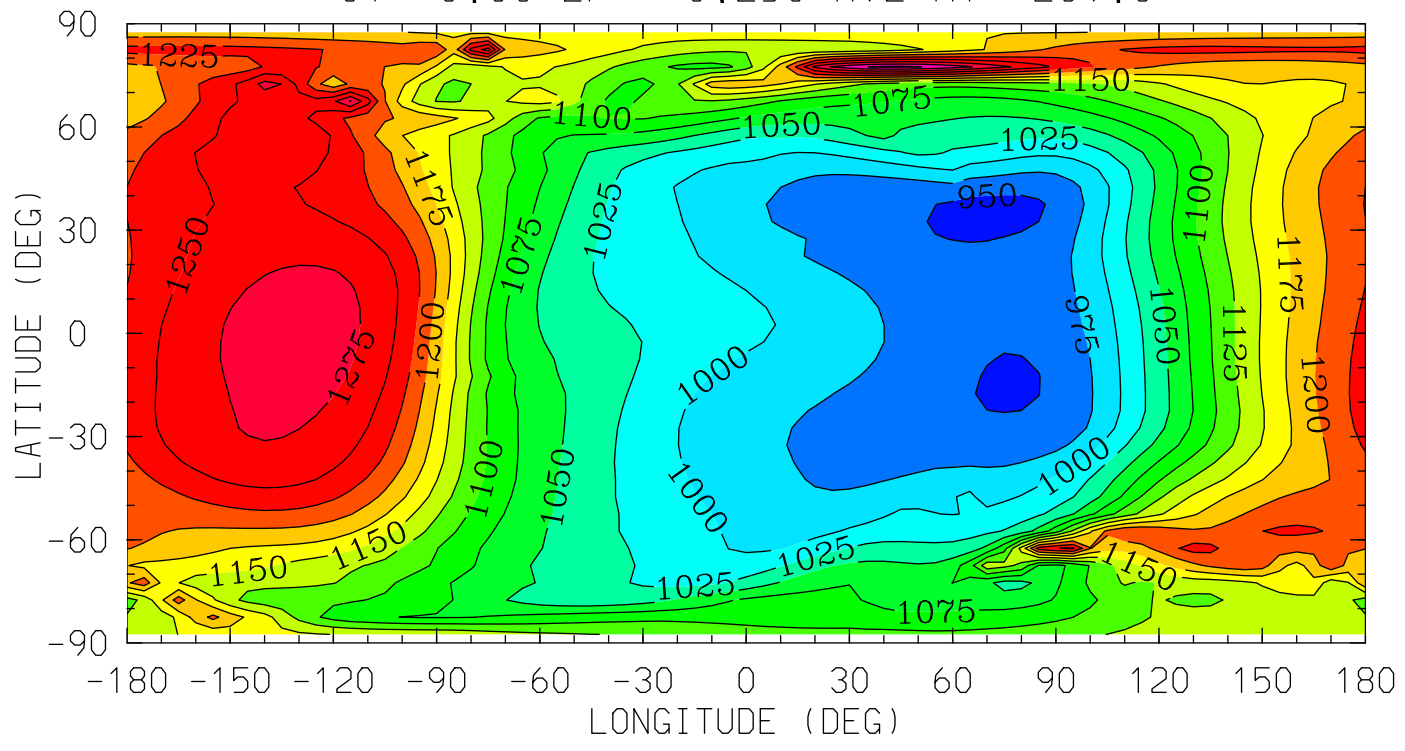
TI (DEG K)  
ION TEMPERATURE  
UT= 0.00 ZP= -4.250 AVE HT= 117.4



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

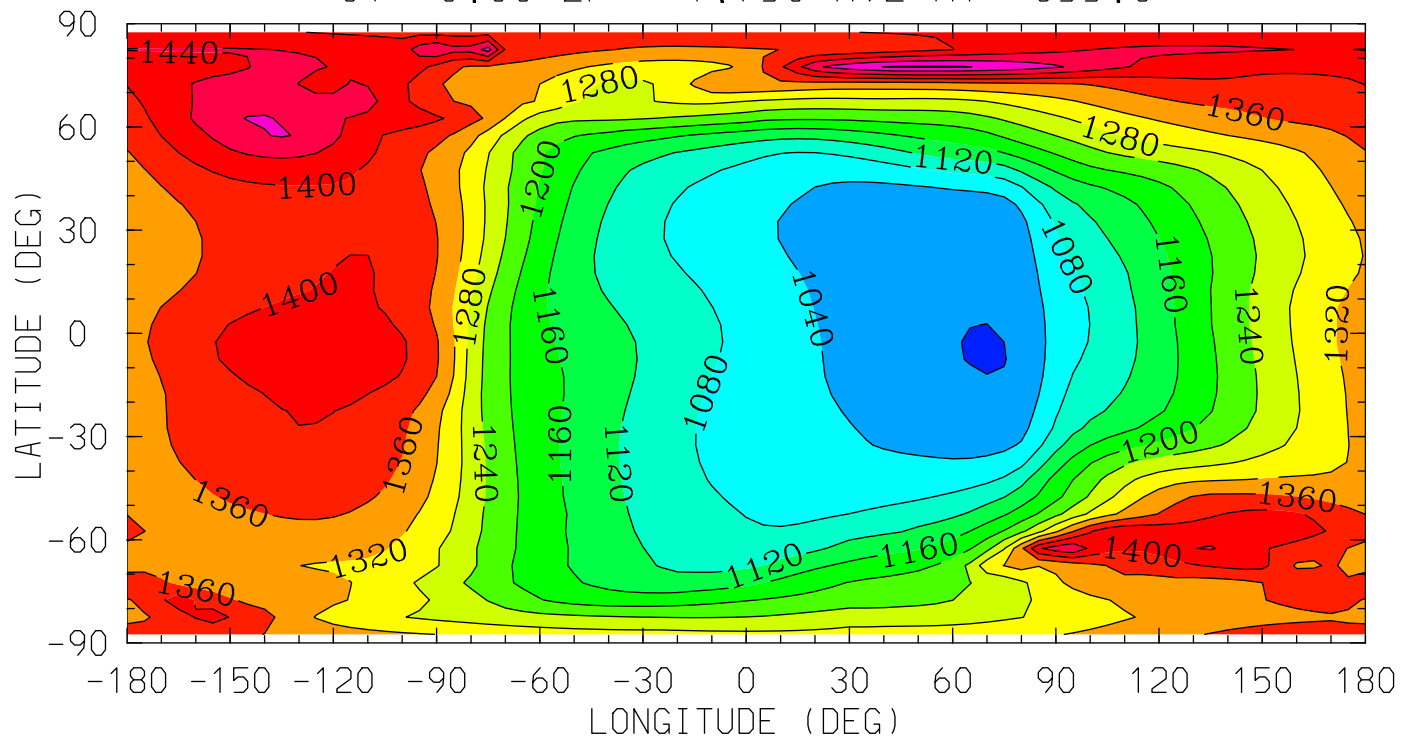
MIN,MAX= 3.1053E+02 5.7394E+02 INTERVAL= 2.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

TI (DEG K)  
ION TEMPERATURE  
UT= 0.00 ZP= -0.250 AVE HT= 239.6



MIN,MAX= 9.4259E+02 1.3292E+03 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

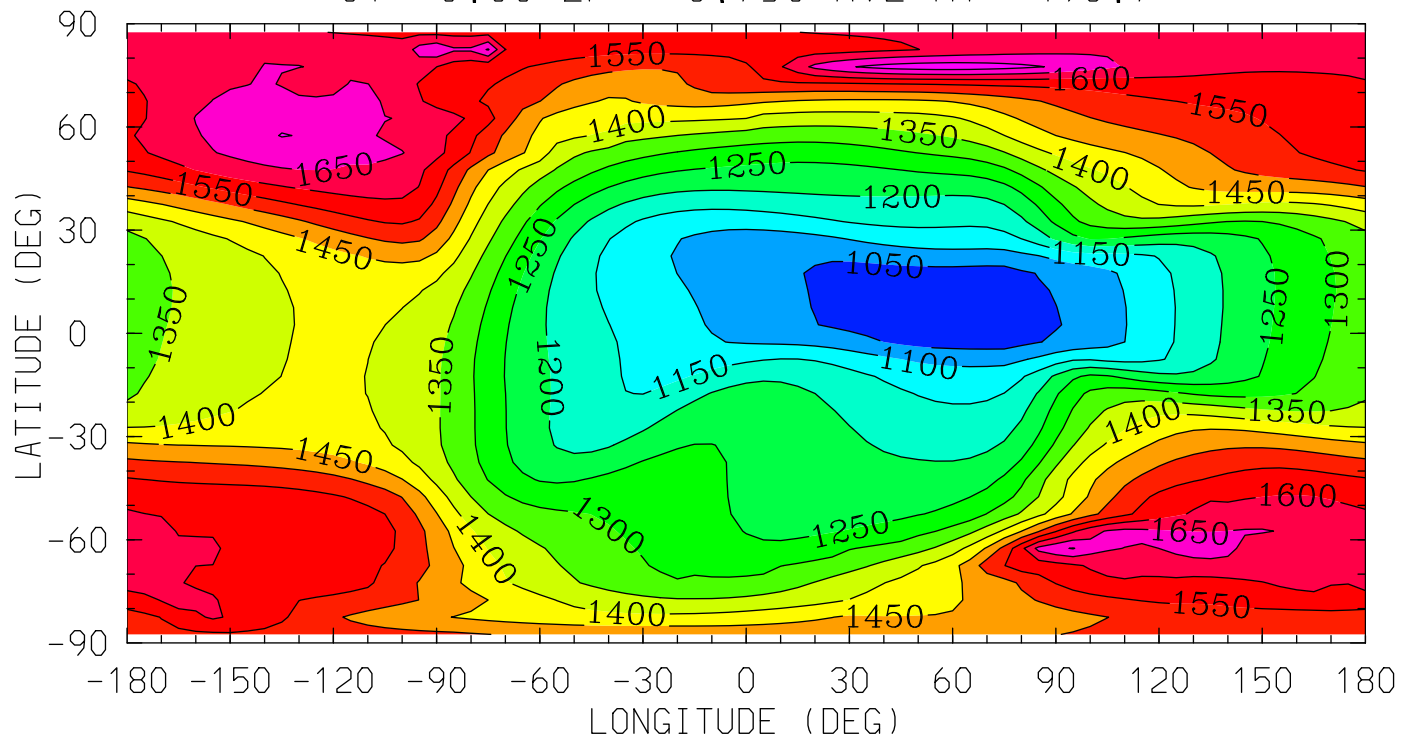
TI (DEG K)  
ION TEMPERATURE  
UT= 0.00 ZP= 1.750 AVE HT= 355.6



MIN,MAX= 9.9814E+02 1.5262E+03 INTERVAL= 4.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc



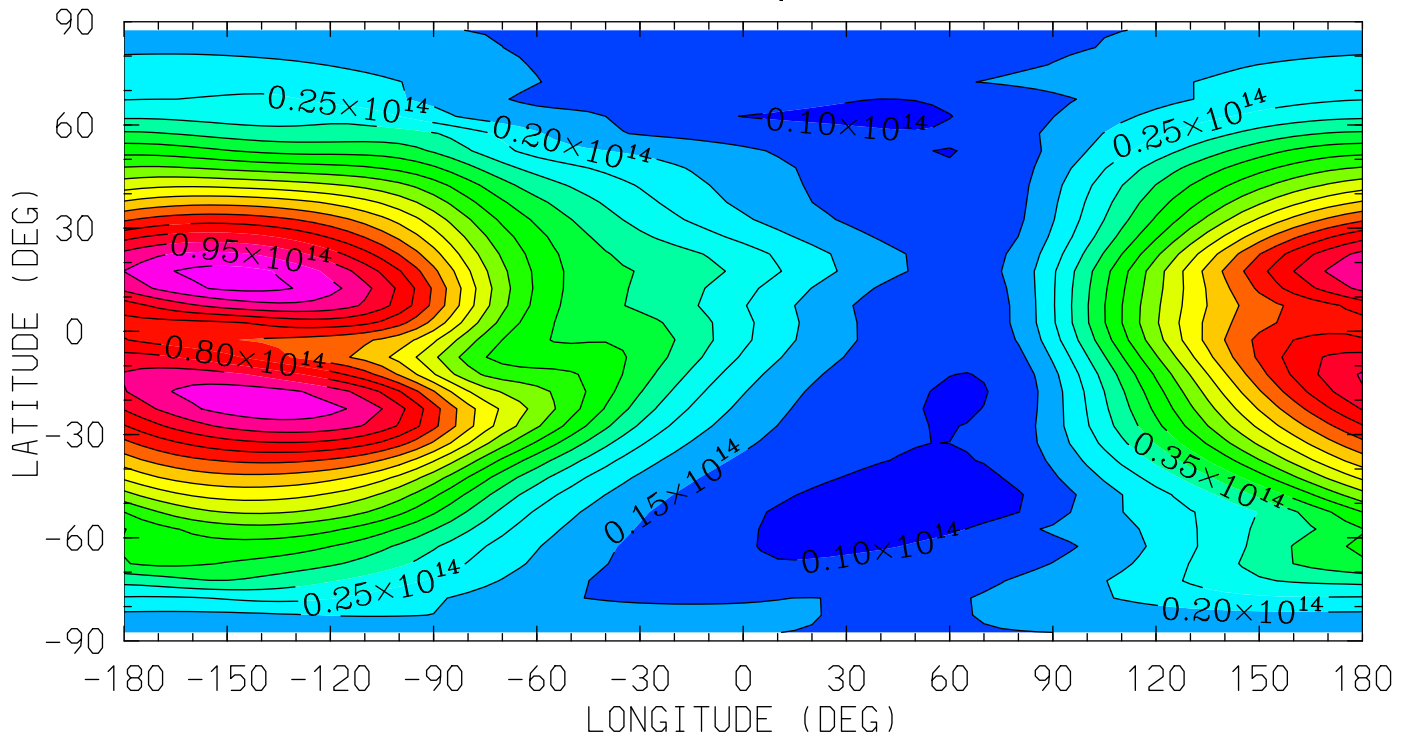
TI (DEG K)  
ION TEMPERATURE  
UT= 0.00 ZP= 3.750 AVE HT= 493.7



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

MIN,MAX= 1.0126E+03 1.7281E+03 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

TEC ( )  
TEC: Total Electron Content  
UT= 0.00



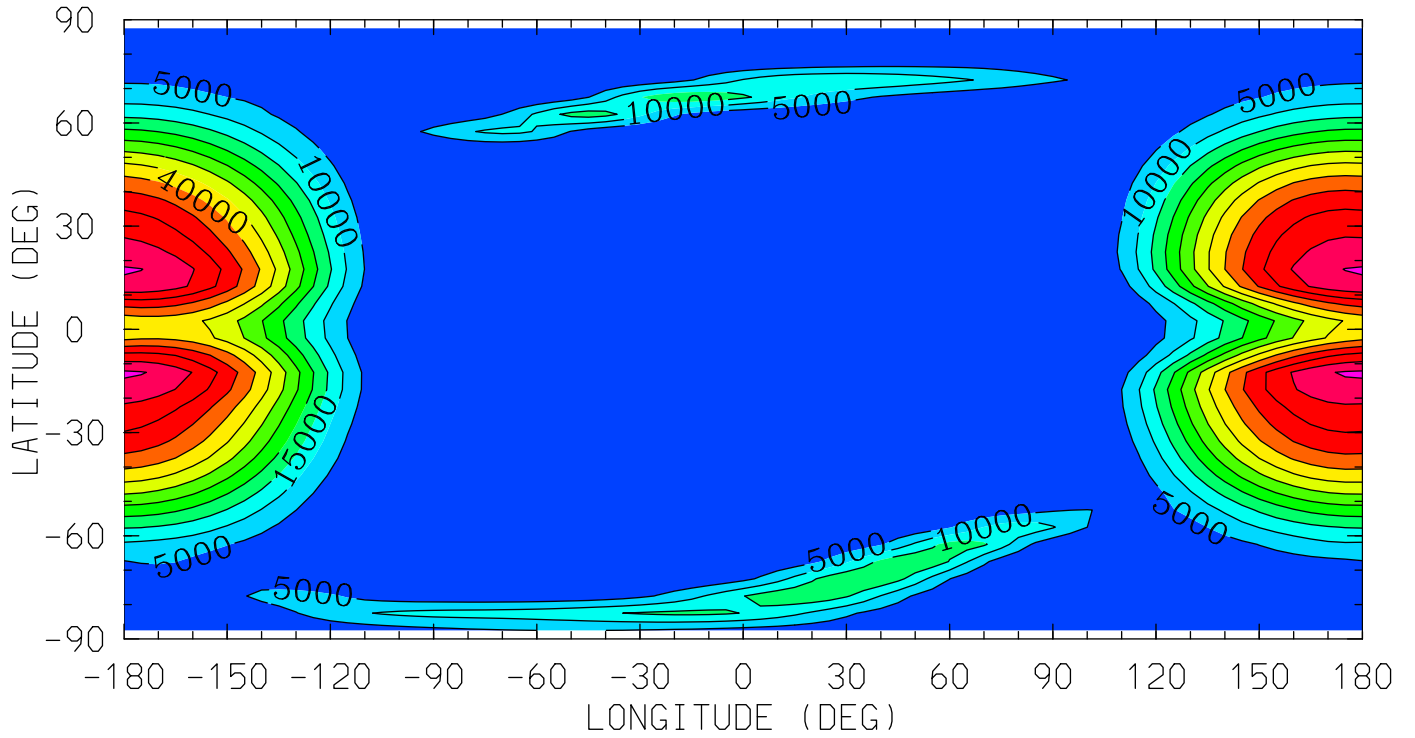
12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 6.8077E+12 1.0178E+14 INTERVAL= 5.0000E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

O2P (CM3)

O2+ ION

UT= 0.00 ZP= -6.750 AVE HT= 97.8



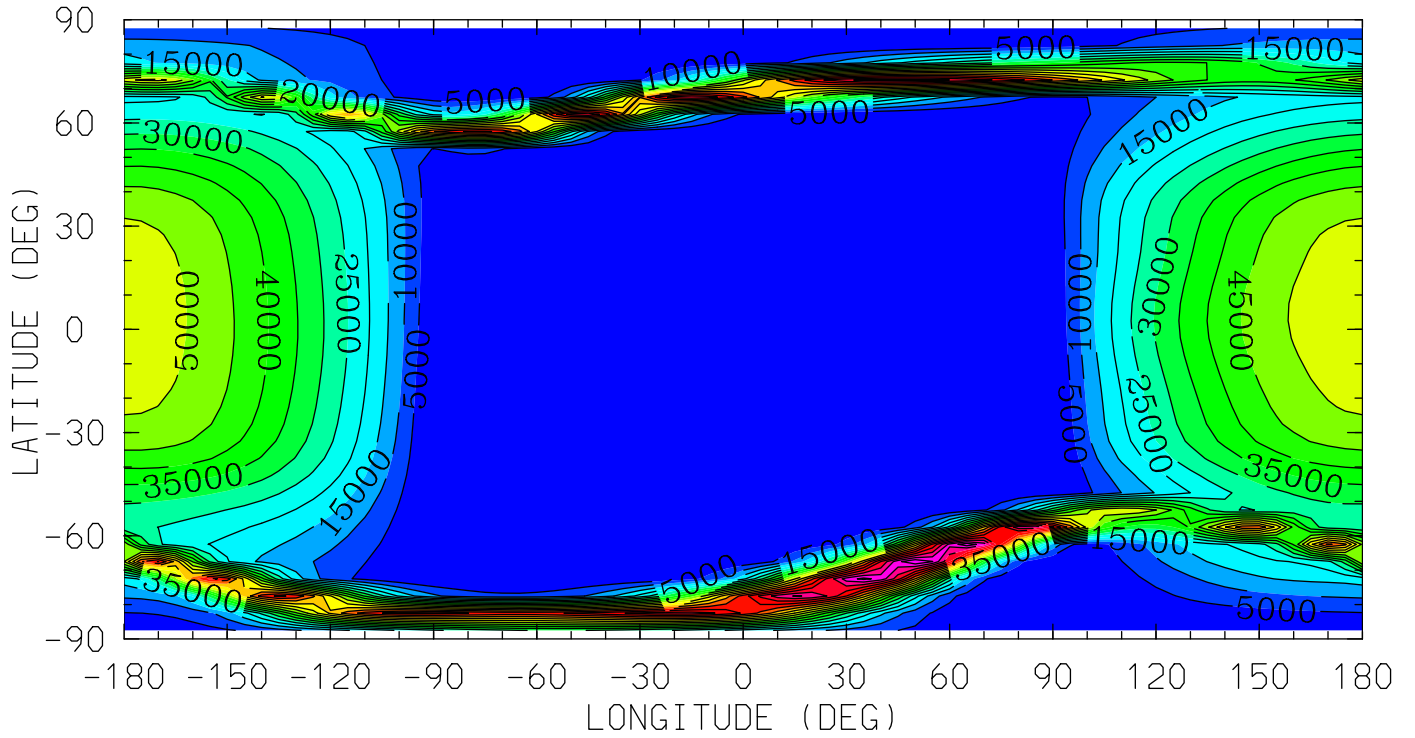
12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 4.3159E+01 6.0801E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

O2P (CM3)

O2+ ION

UT= 0.00 ZP= -4.250 AVE HT= 117.4



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

MIN,MAX= 1.6514E+01 9.9729E+04 INTERVAL= 5.0000E+03

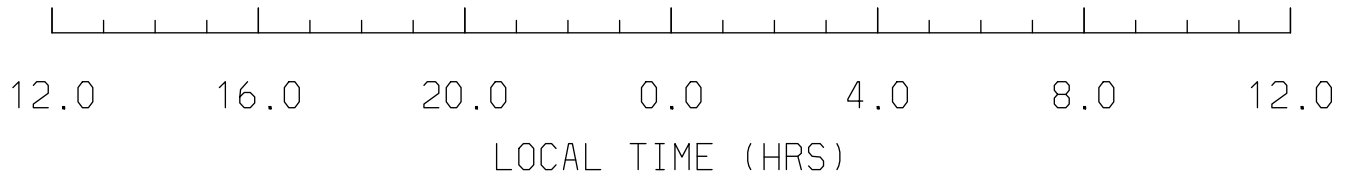
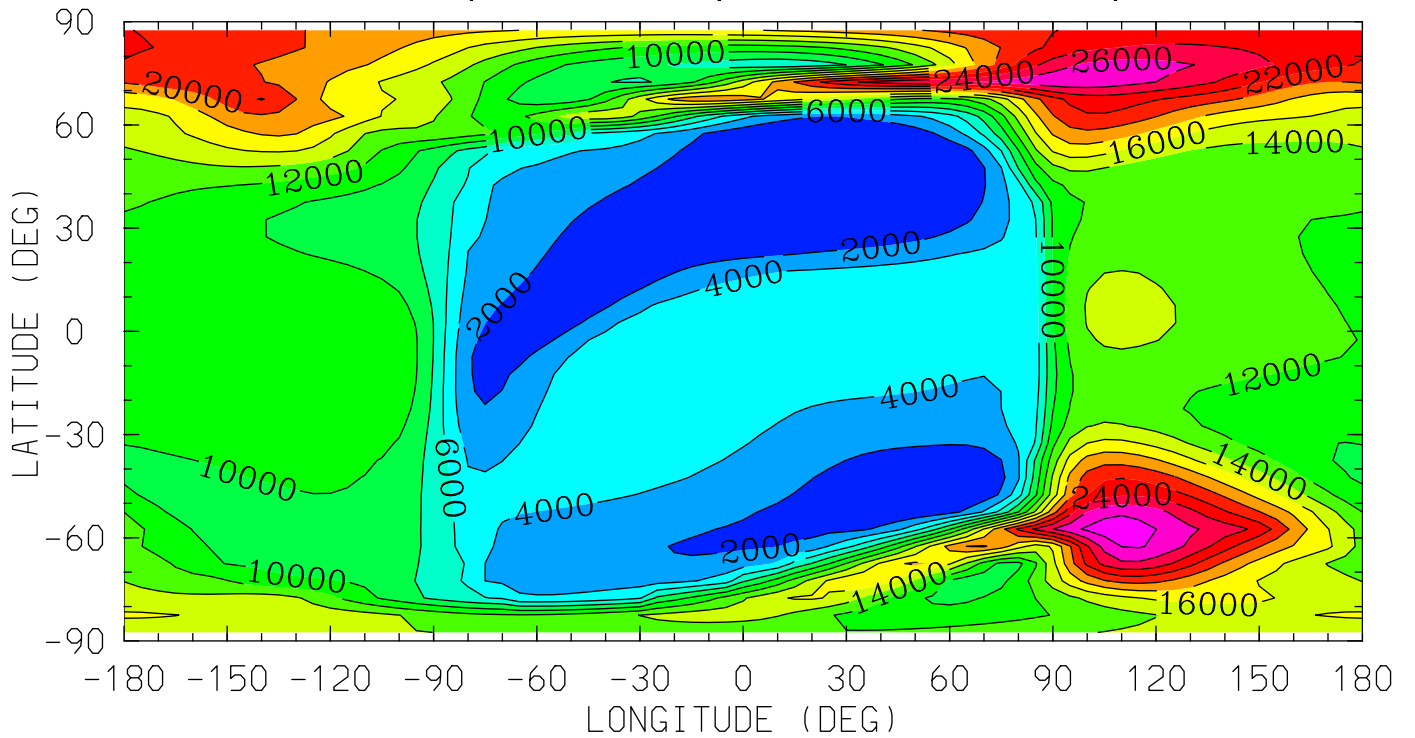
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)

tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

O2P (CM3)

O2+ ION

UT= 0.00 ZP= -0.250 AVE HT= 239.6

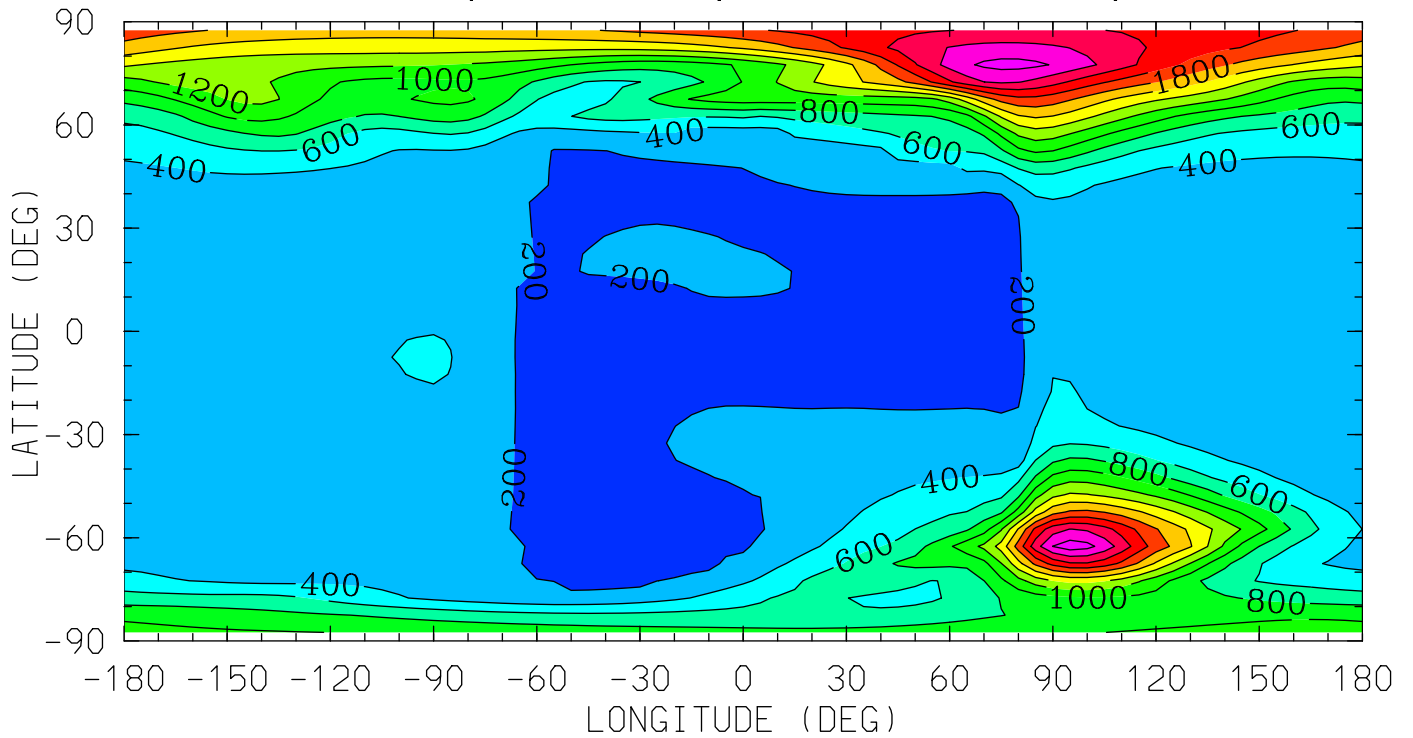


MIN,MAX= 3.0270E+01 2.9087E+04 INTERVAL= 2.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

O2P (CM3)

O2+ ION

UT= 0.00 ZP= 1.750 AVE HT= 355.6



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

MIN,MAX= 1.3661E+02 2.7098E+03 INTERVAL= 2.0000E+02

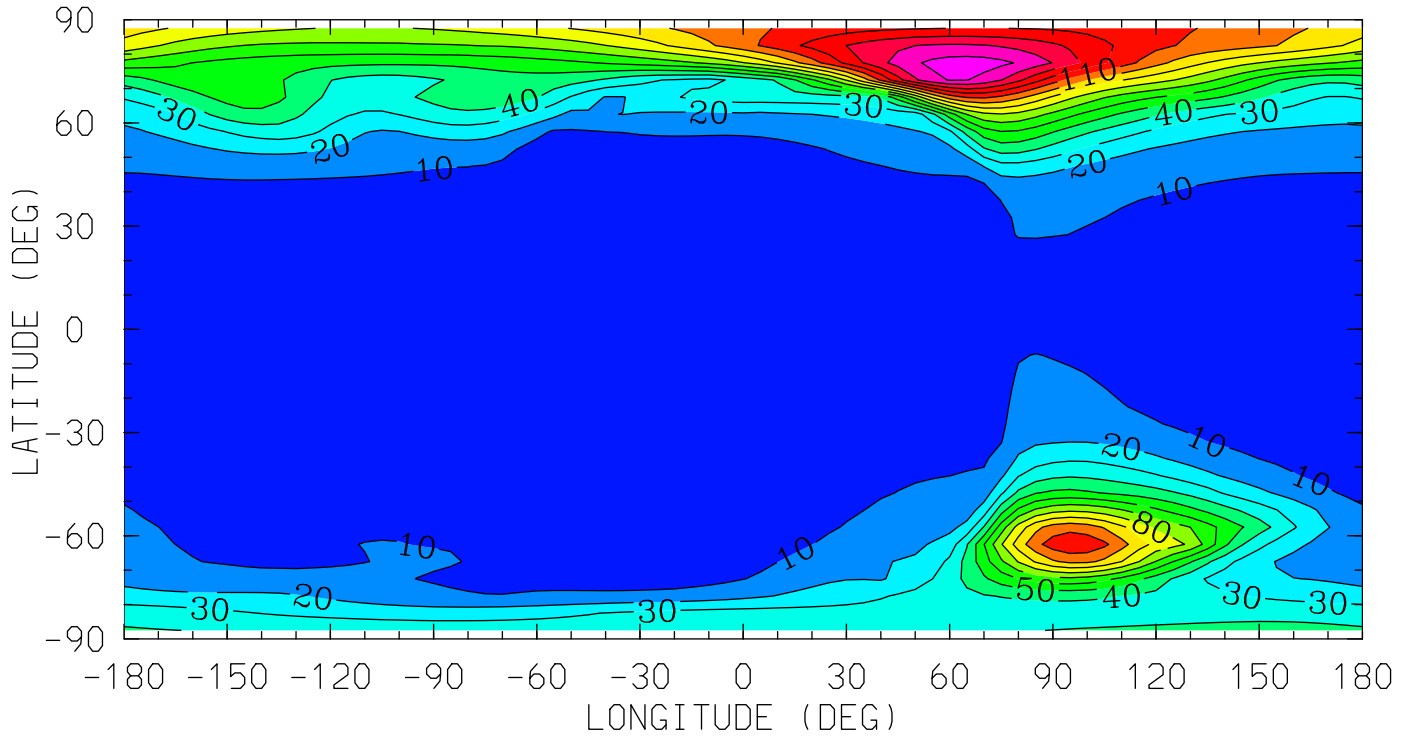
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)

tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

O2P (CM3)

O2+ ION

UT= 0.00 ZP= 3.750 AVE HT= 493.7



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

MIN,MAX= 3.6181E+00 1.5509E+02 INTERVAL= 1.0000E+01

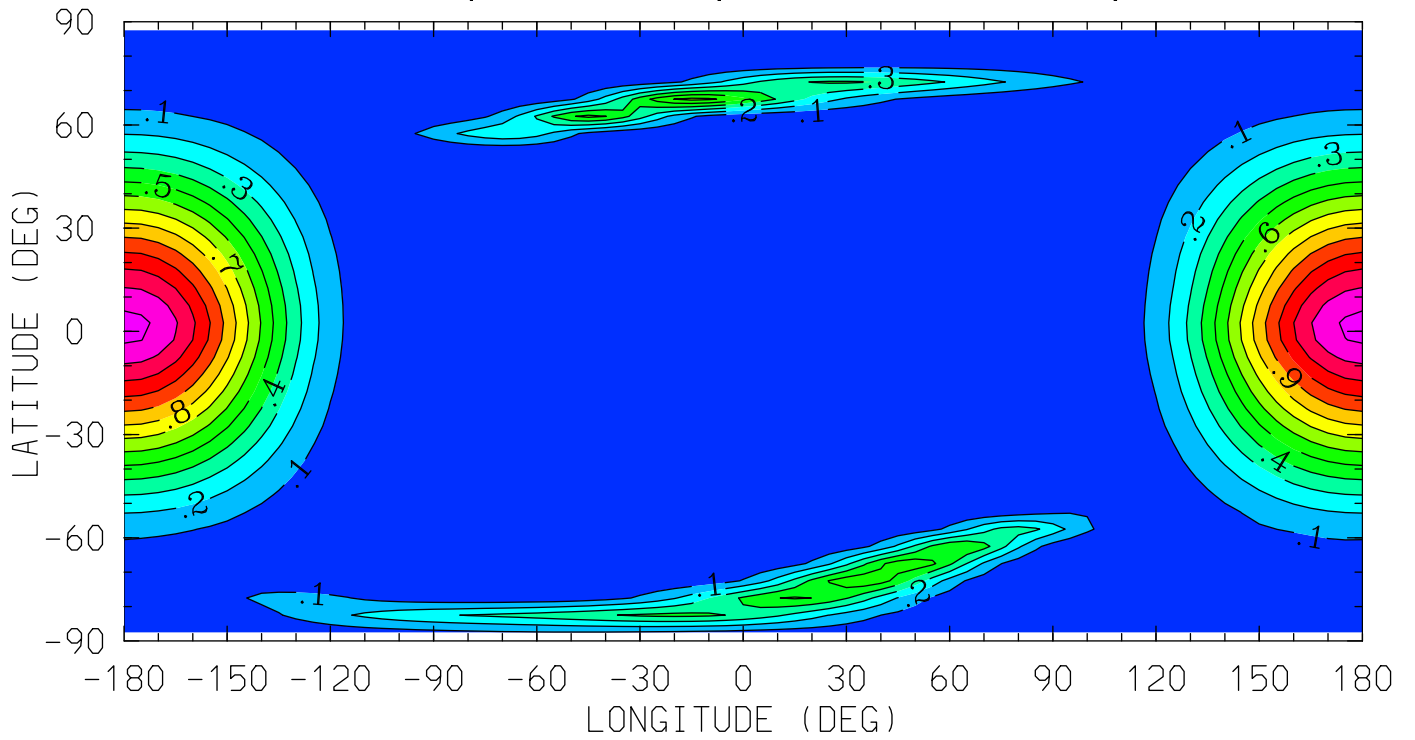
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)

tiegcm2.0\_res5.0\_mareqx\_smax\_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= 8.0452E-03 1.3335E+00 INTERVAL= 1.0000E-01

tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)

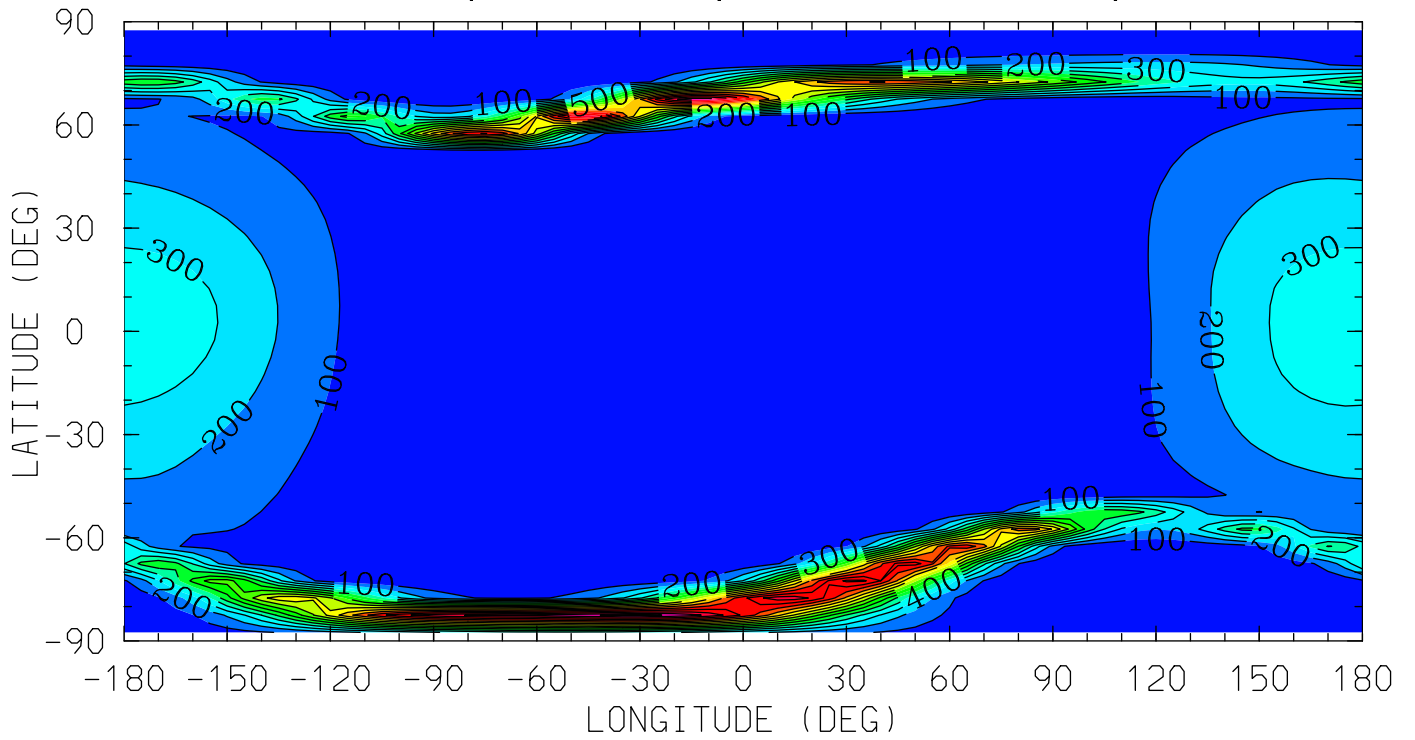
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc



OP (CM3)

O+ ION

UT= 0.00 ZP= -4.250 AVE HT= 117.4



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

MIN,MAX= 1.9547E-04 1.6170E+03 INTERVAL= 1.0000E+02

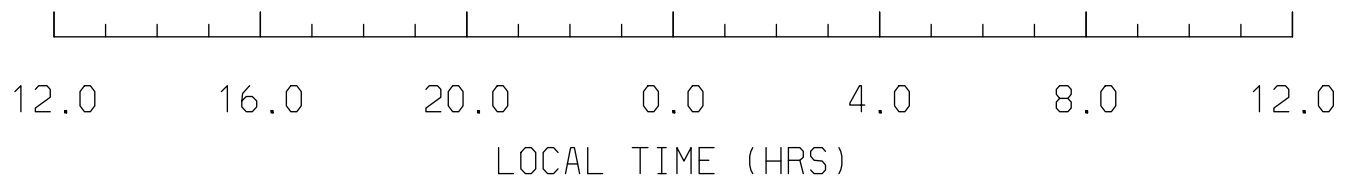
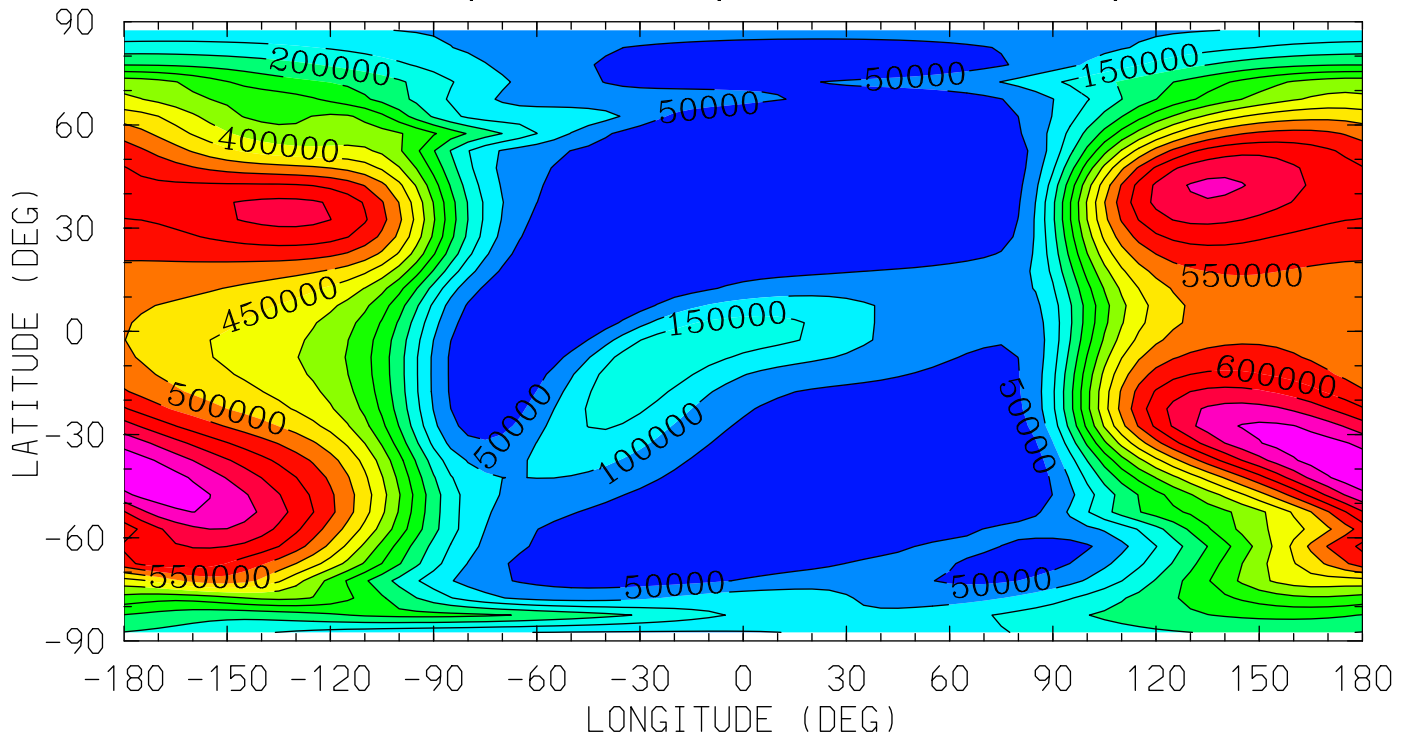
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)

tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

OP (CM3)

O+ ION

UT= 0.00 ZP= -0.250 AVE HT= 239.6



MIN,MAX= 1.6333E+01 7.8953E+05 INTERVAL= 5.0000E+04

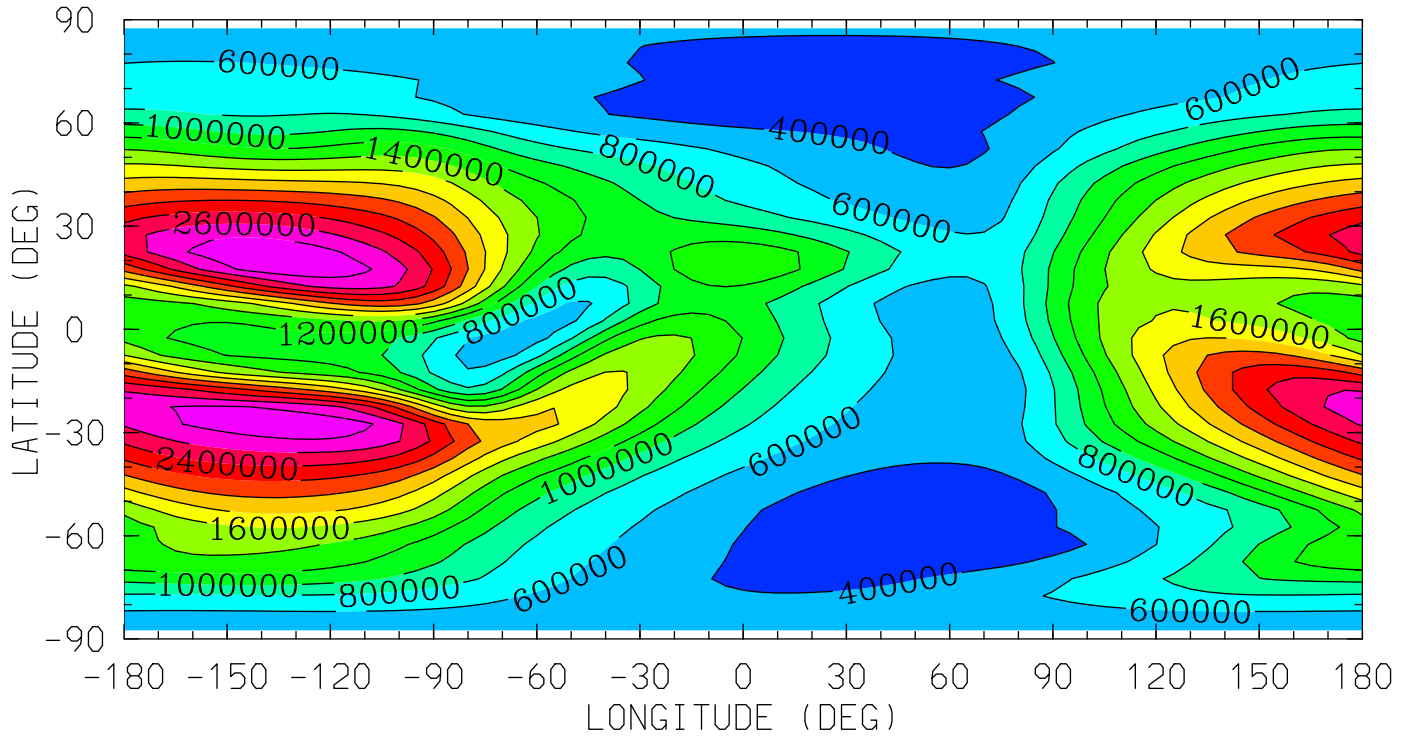
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)

tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

OP (CM3)

0+ ION

UT= 0.00 ZP= 1.750 AVE HT= 355.6



12.0 16.0 20.0 0.0 4.0 8.0 12.0

LOCAL TIME (HRS)

MIN,MAX= 2.0486E+05 2.9586E+06 INTERVAL= 2.0000E+05

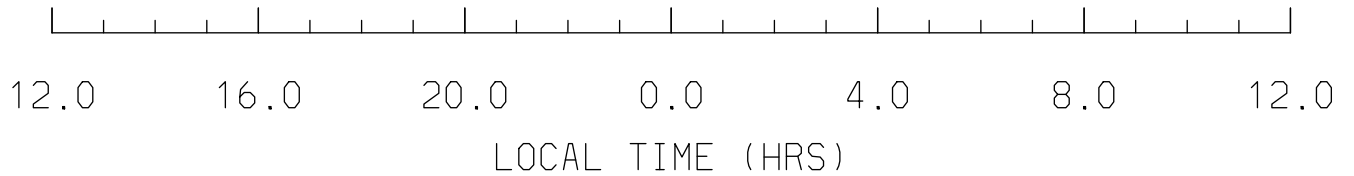
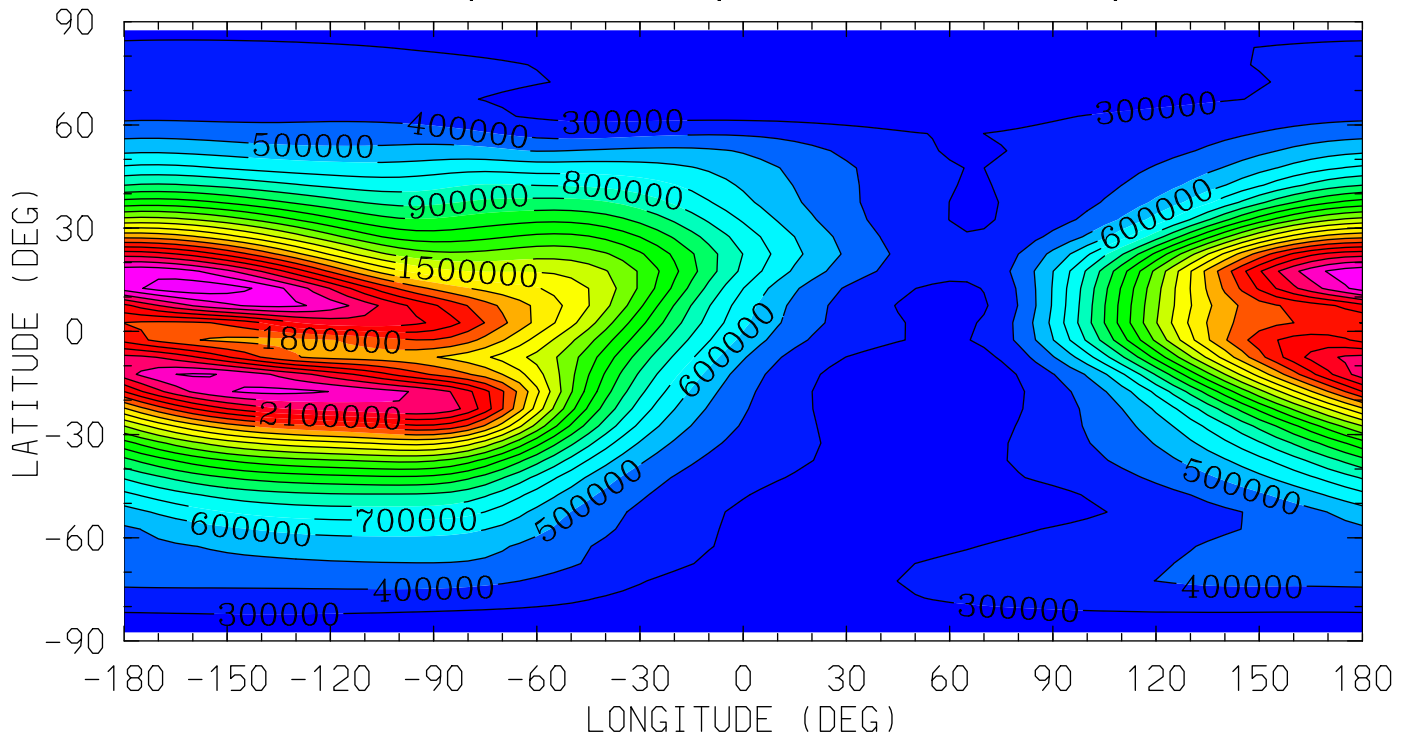
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)

tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

OP (CM3)

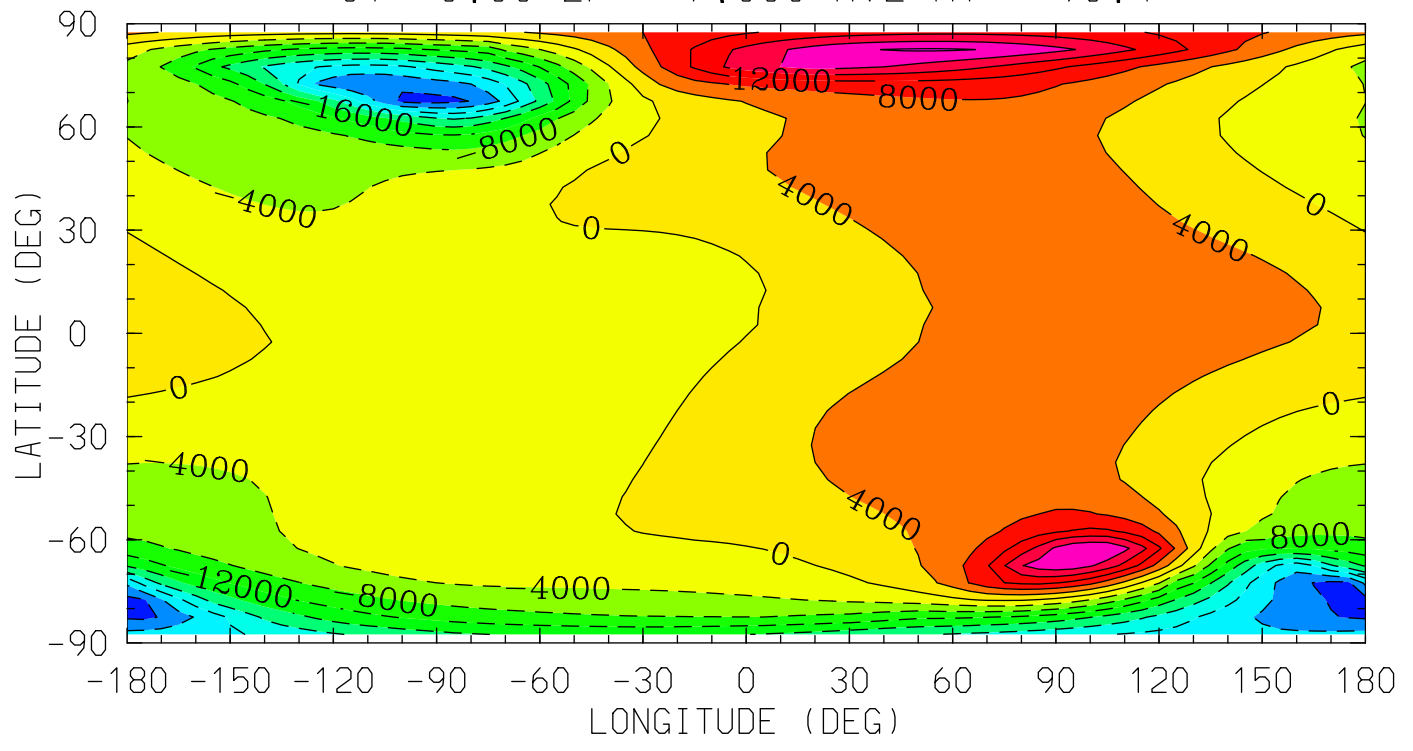
O+ ION

UT= 0.00 ZP= 3.750 AVE HT= 493.7



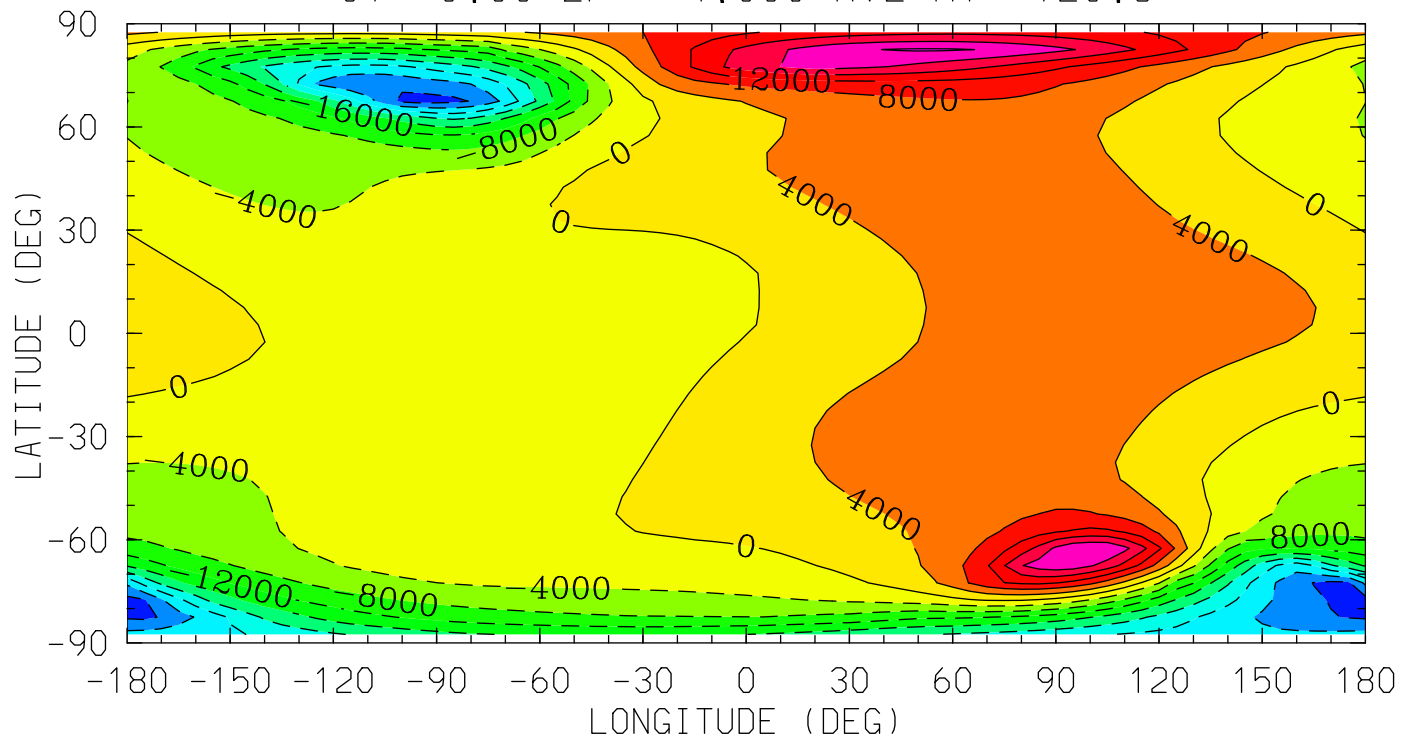
MIN,MAX= 2.1084E+05 2.5720E+06 INTERVAL= 1.0000E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



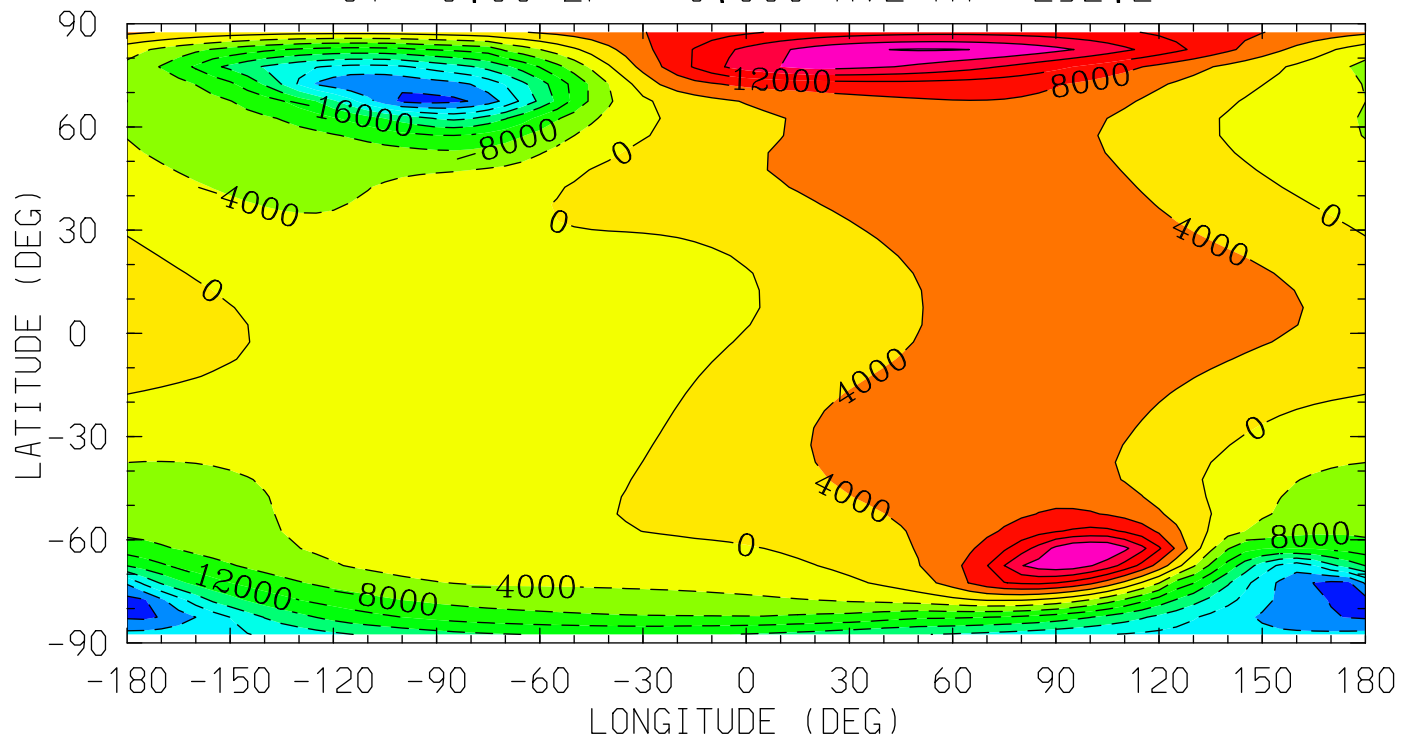
MIN,MAX= -3.3469E+04 2.4476E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

POTEN (VOLTS)  
ELECTRIC POTENTIAL  
UT= 0.00 ZP= -4.000 AVE HT= 120.8



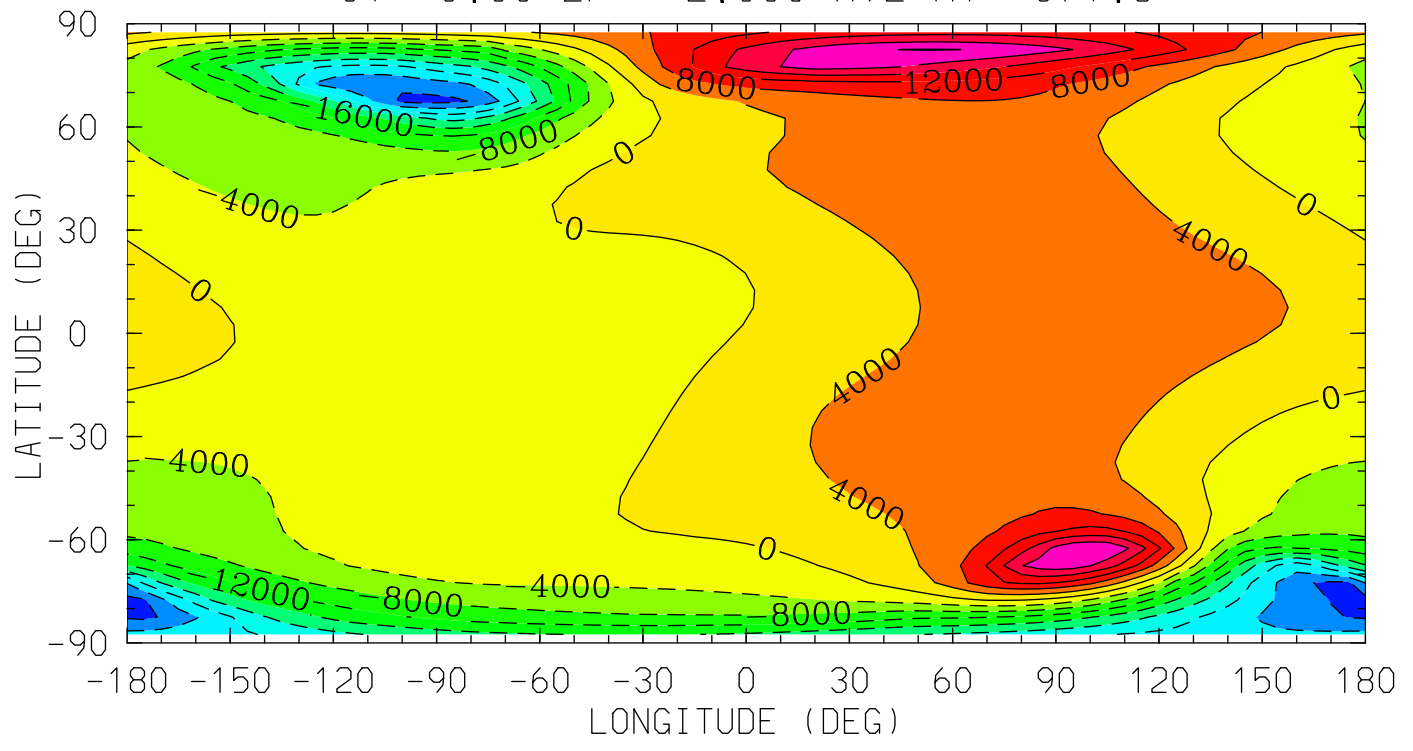
MIN,MAX= -3.3463E+04 2.4453E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

POTEN (VOLTS)  
ELECTRIC POTENTIAL  
UT= 0.00 ZP= 0.000 AVE HT= 252.2



MIN,MAX= -3.3429E+04 2.4341E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

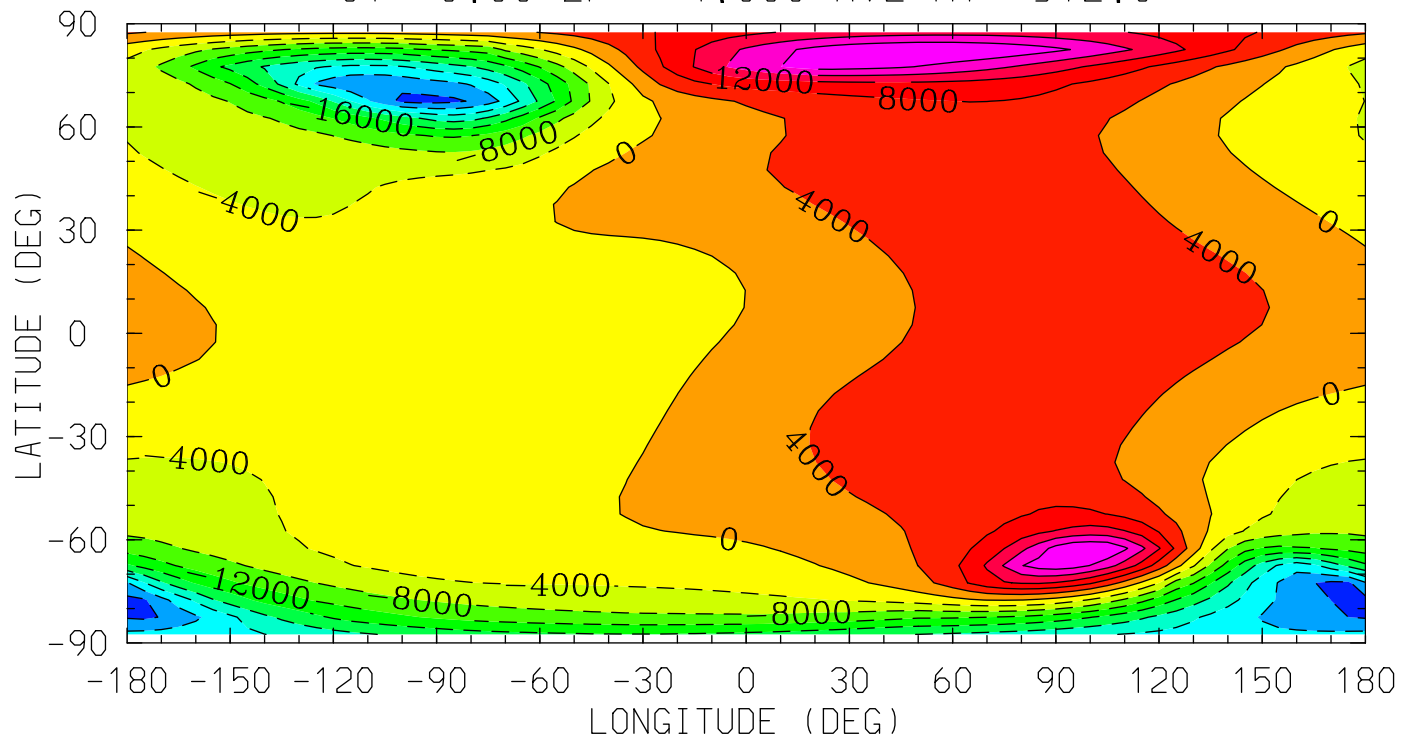
POTEN (VOLTS)  
ELECTRIC POTENTIAL  
UT= 0.00 ZP= 2.000 AVE HT= 371.8



MIN,MAX= -3.3391E+04 2.4213E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

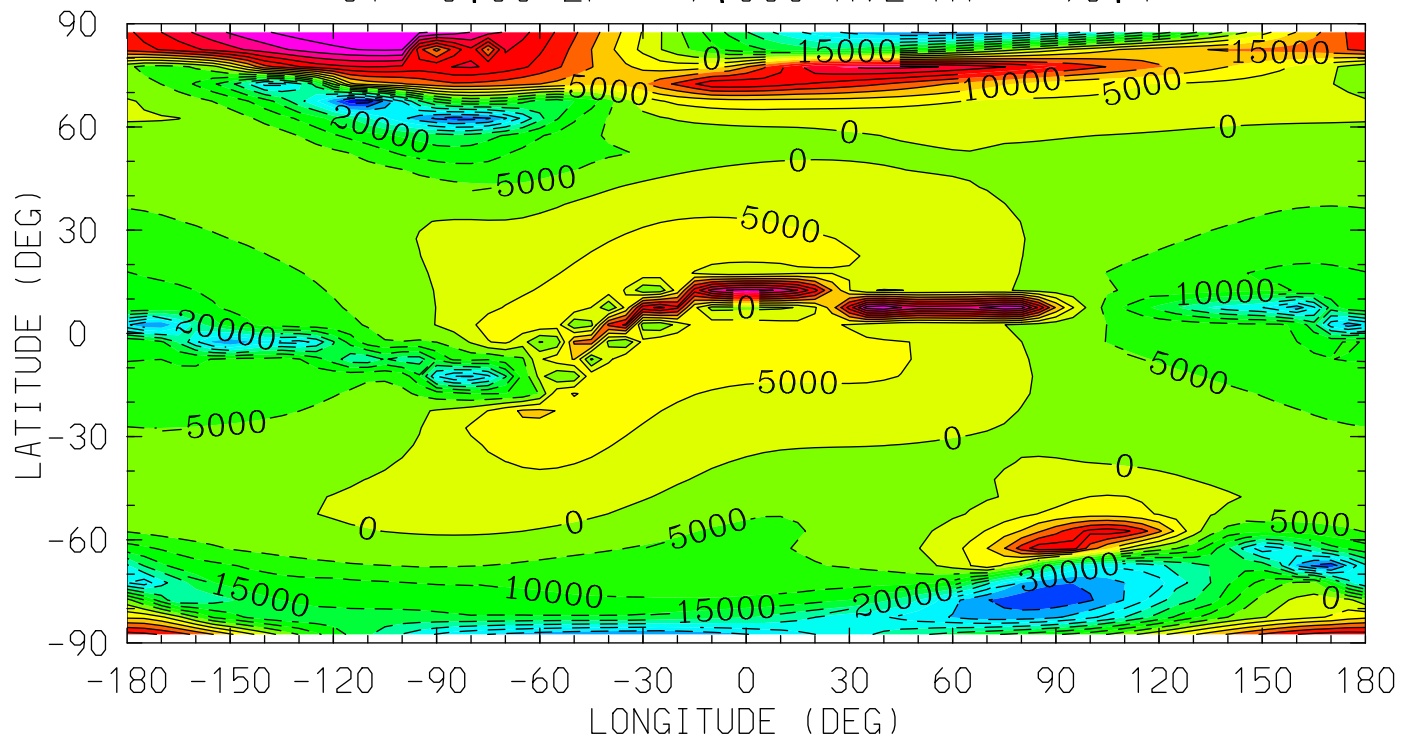


POTEN (VOLTS)  
ELECTRIC POTENTIAL  
UT= 0.00 ZP= 4.000 AVE HT= 512.0



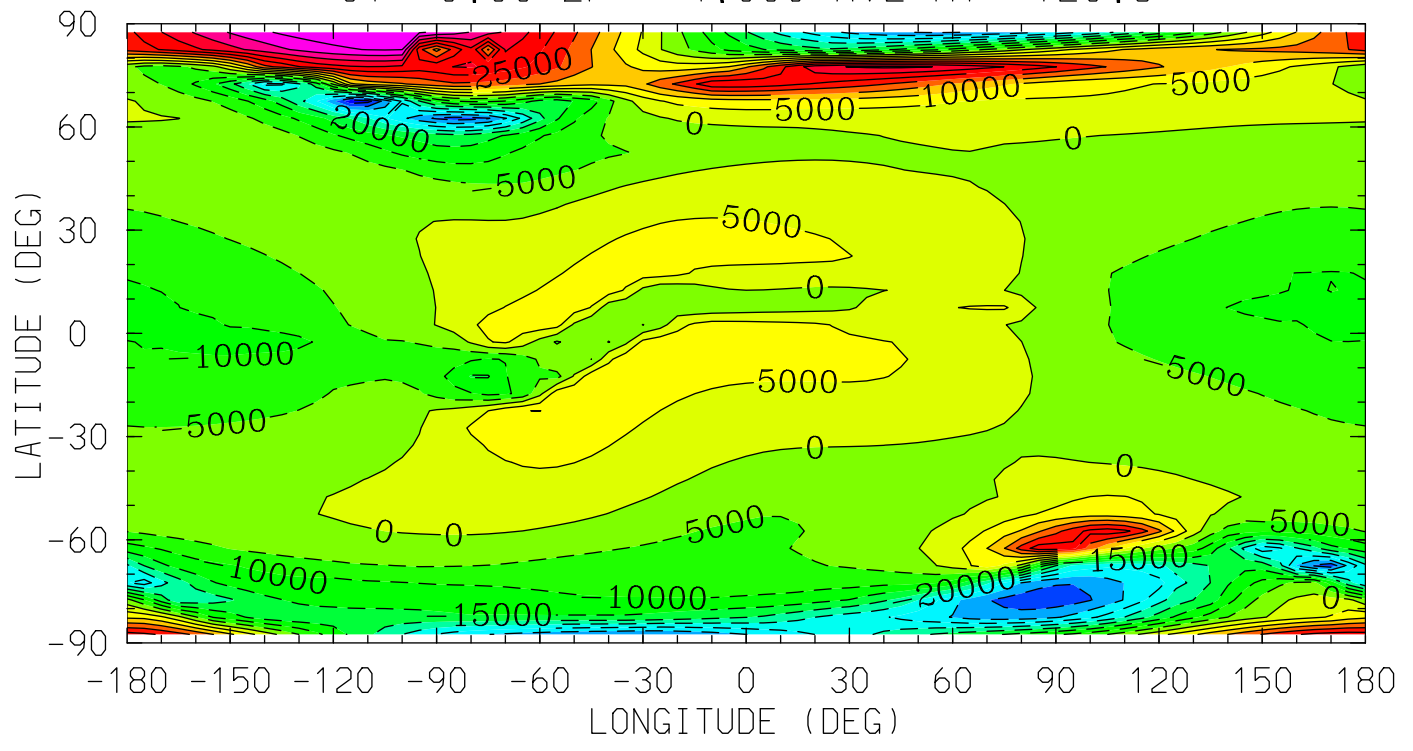
MIN,MAX= -3.3338E+04 2.4036E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



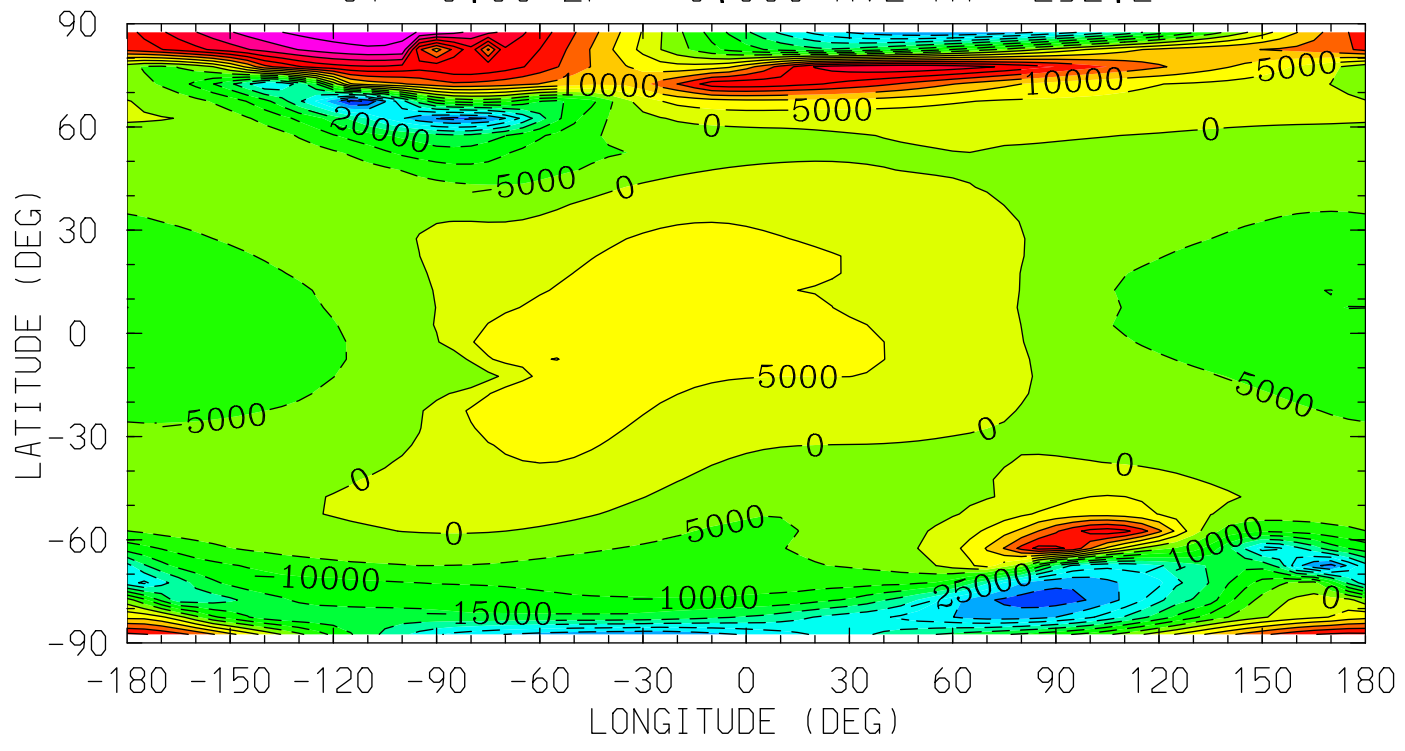
MIN,MAX= -4.9203E+04 4.8850E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

UI\_ExB (cm/s)  
UI: Zonal ExB Velocity  
UT= 0.00 ZP= -4.000 AVE HT= 120.8



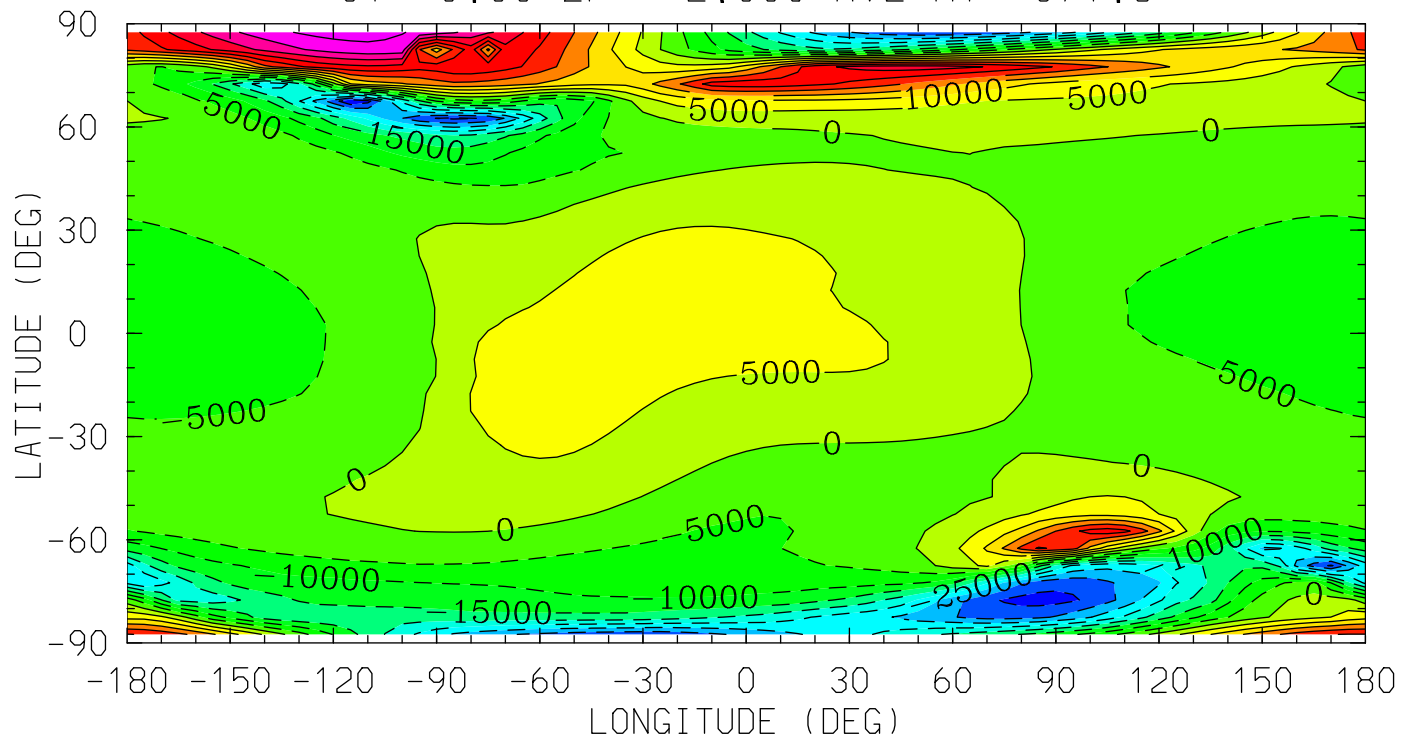
MIN,MAX= -4.8769E+04 4.8676E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

UI\_ExB (cm/s)  
UI: Zonal ExB Velocity  
UT= 0.00 ZP= 0.000 AVE HT= 252.2



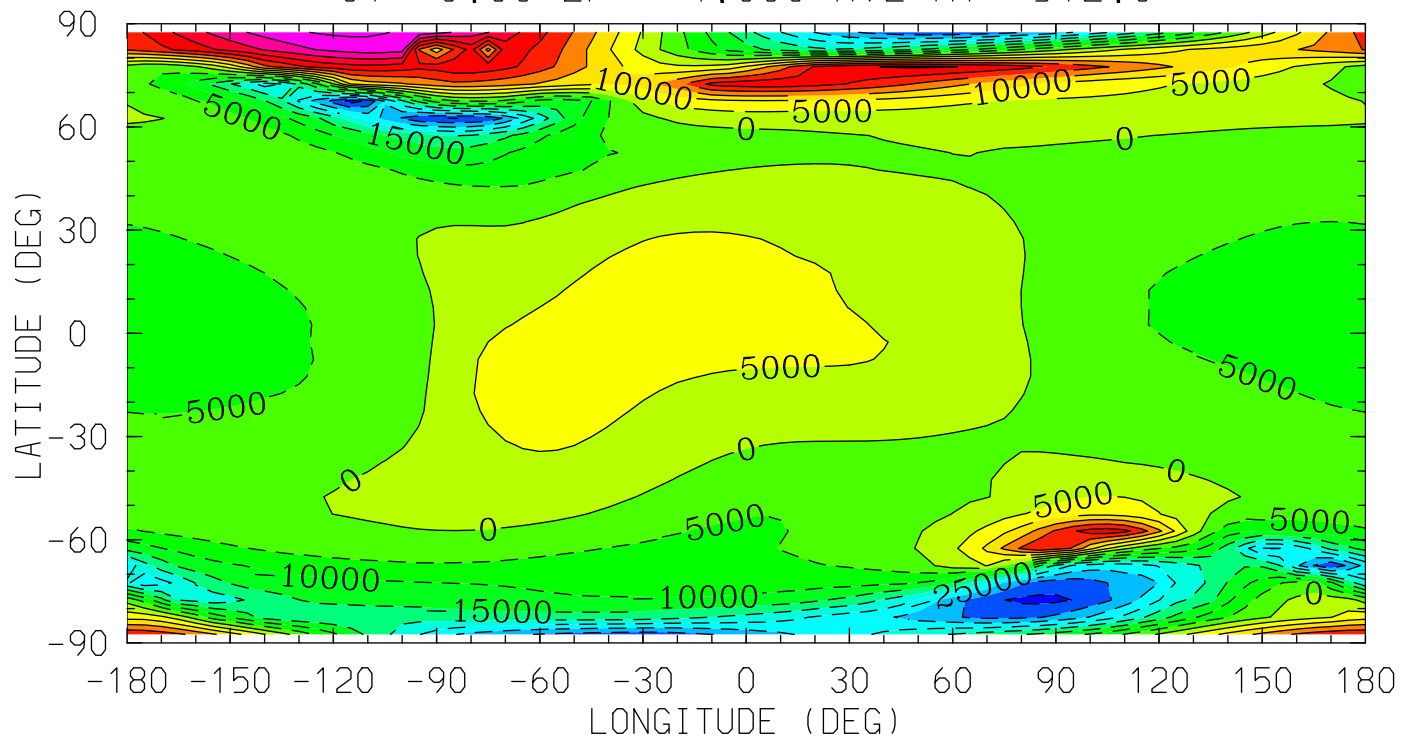
MIN,MAX= -4.6621E+04 4.7771E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

UI\_ExB (cm/s)  
UI: Zonal ExB Velocity  
UT= 0.00 ZP= 2.000 AVE HT= 371.8



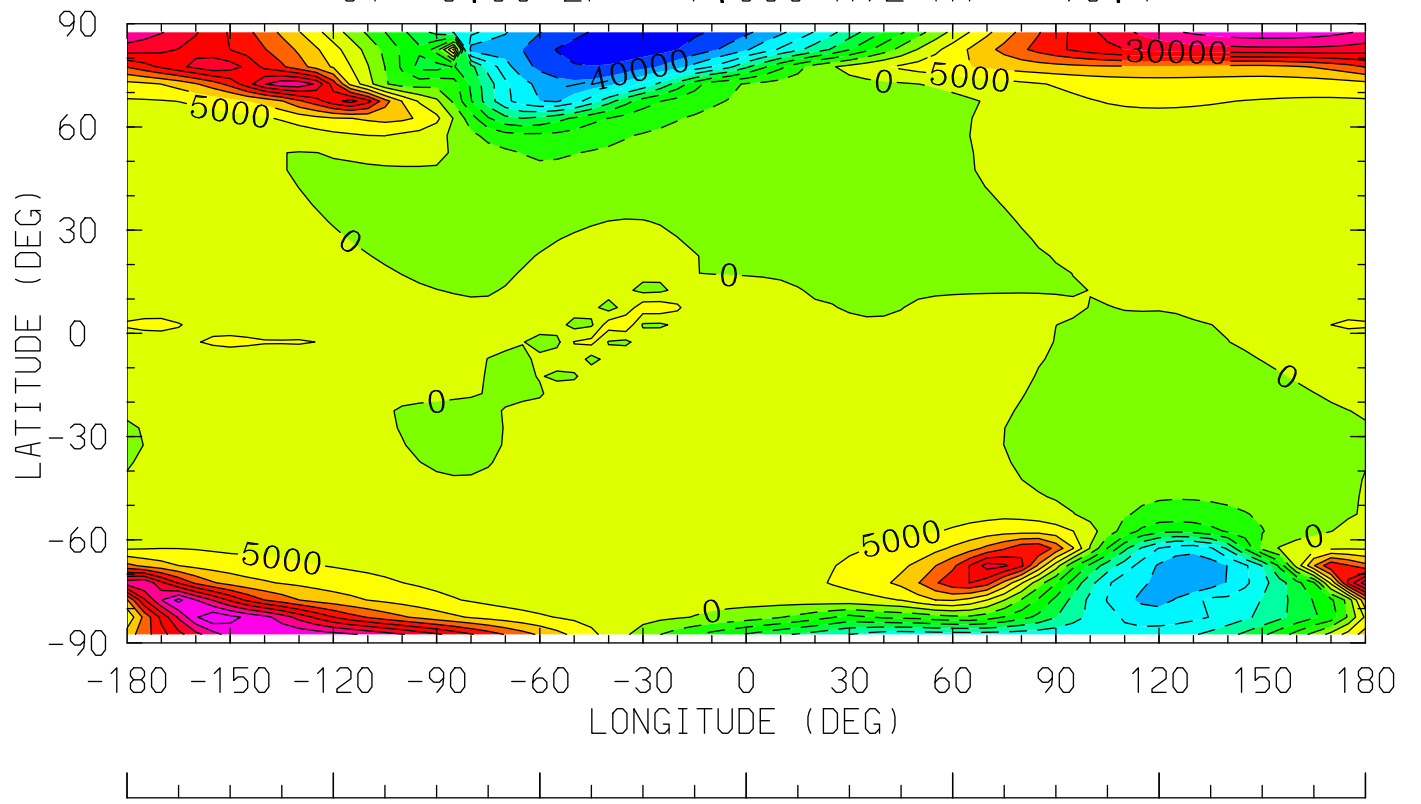
MIN,MAX= -4.4674E+04 4.6956E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

UI\_ExB (cm/s)  
UI: Zonal ExB Velocity  
UT= 0.00 ZP= 4.000 AVE HT= 512.0



MIN,MAX= -4.2456E+04 4.5988E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

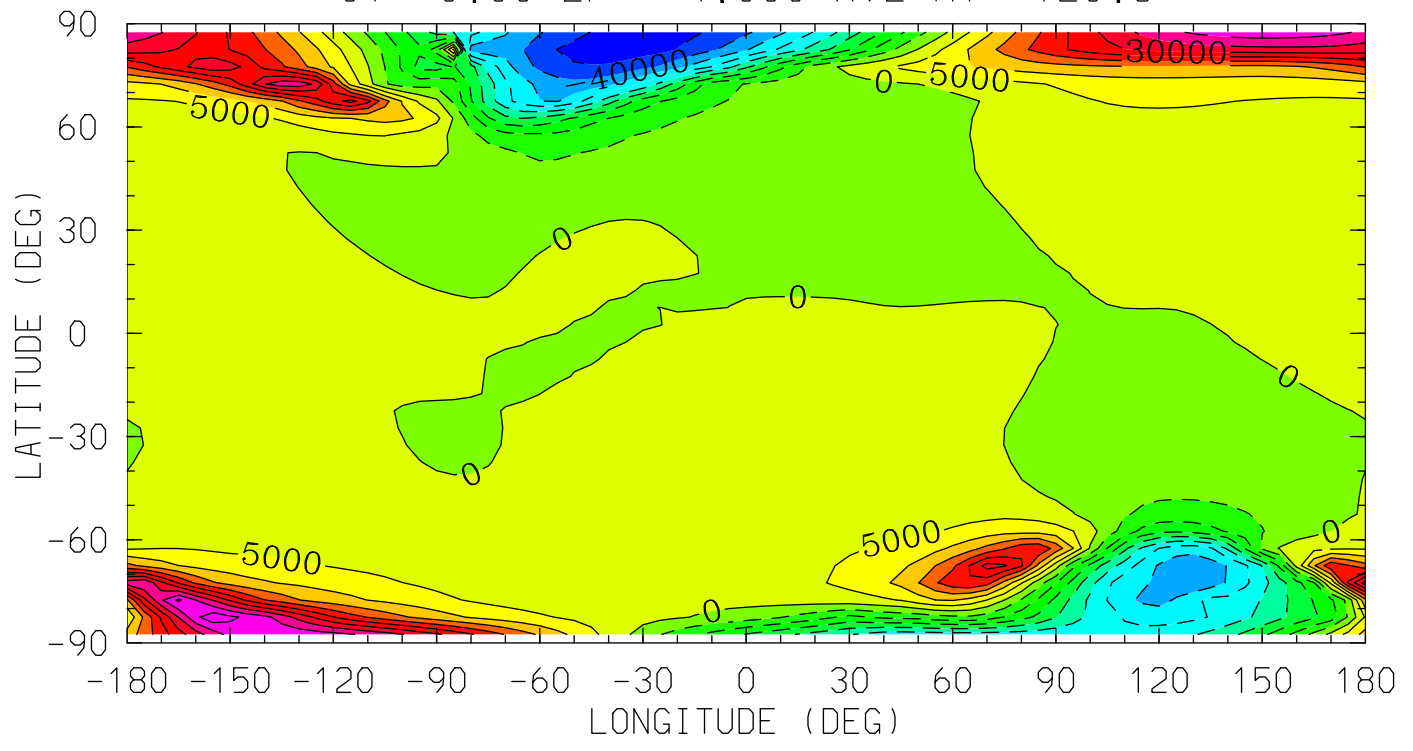
VI\_ExB (cm/s)  
VI: Meridional ExB Velocity  
UT= 0.00 ZP= -7.000 AVE HT= 96.4



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

MIN,MAX= -4.8387E+04 4.9123E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

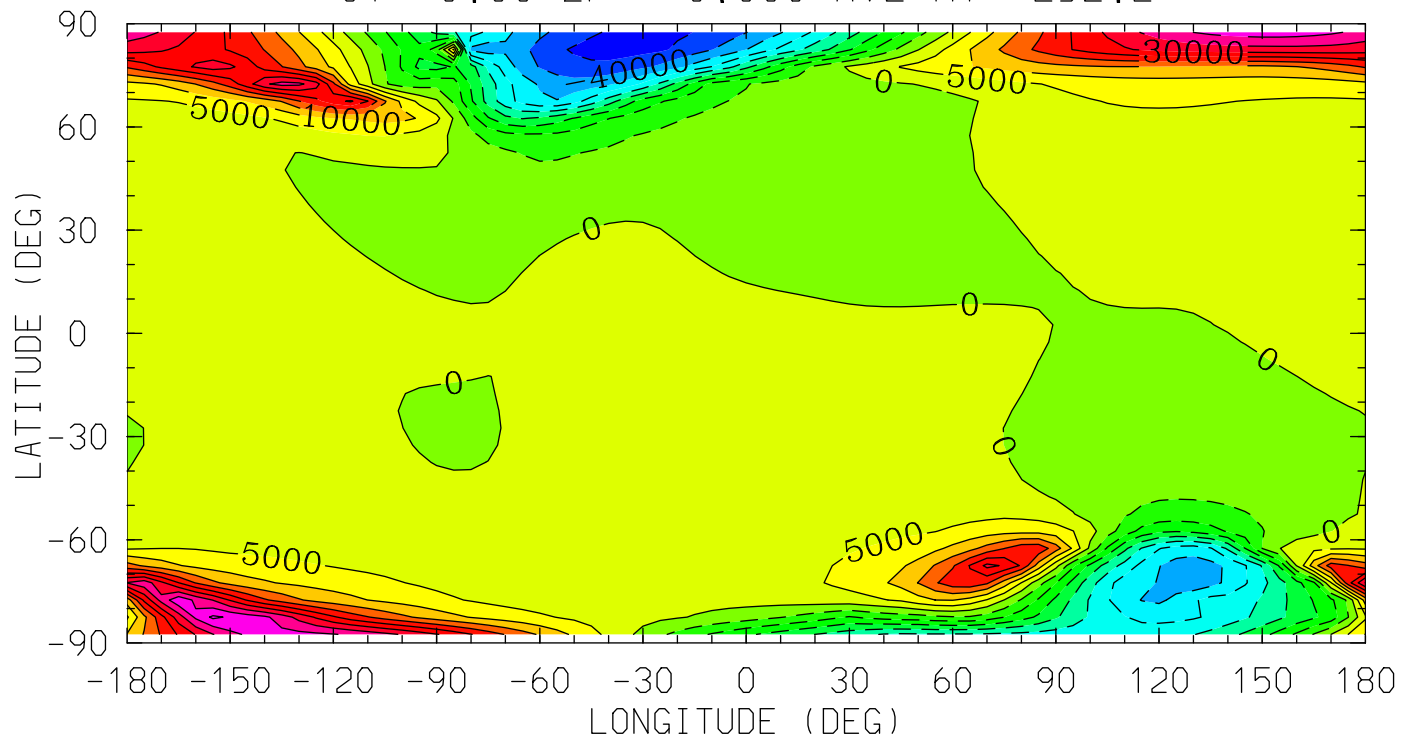
VI\_ExB (cm/s)  
VI: Meridional ExB Velocity  
UT= 0.00 ZP= -4.000 AVE HT= 120.8



MIN,MAX= -4.8205E+04 4.8578E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

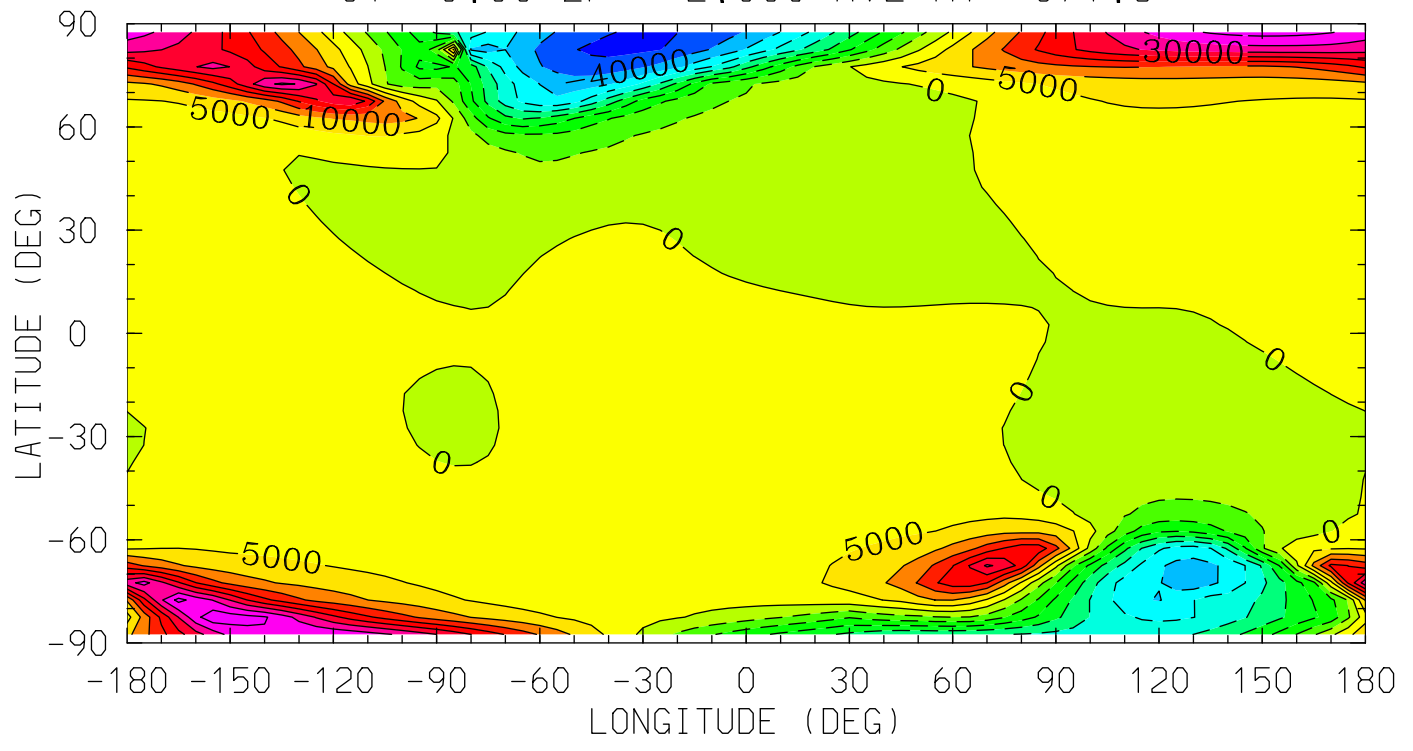


VI\_ExB (cm/s)  
VI: Meridional ExB Velocity  
UT= 0.00 ZP= 0.000 AVE HT= 252.2



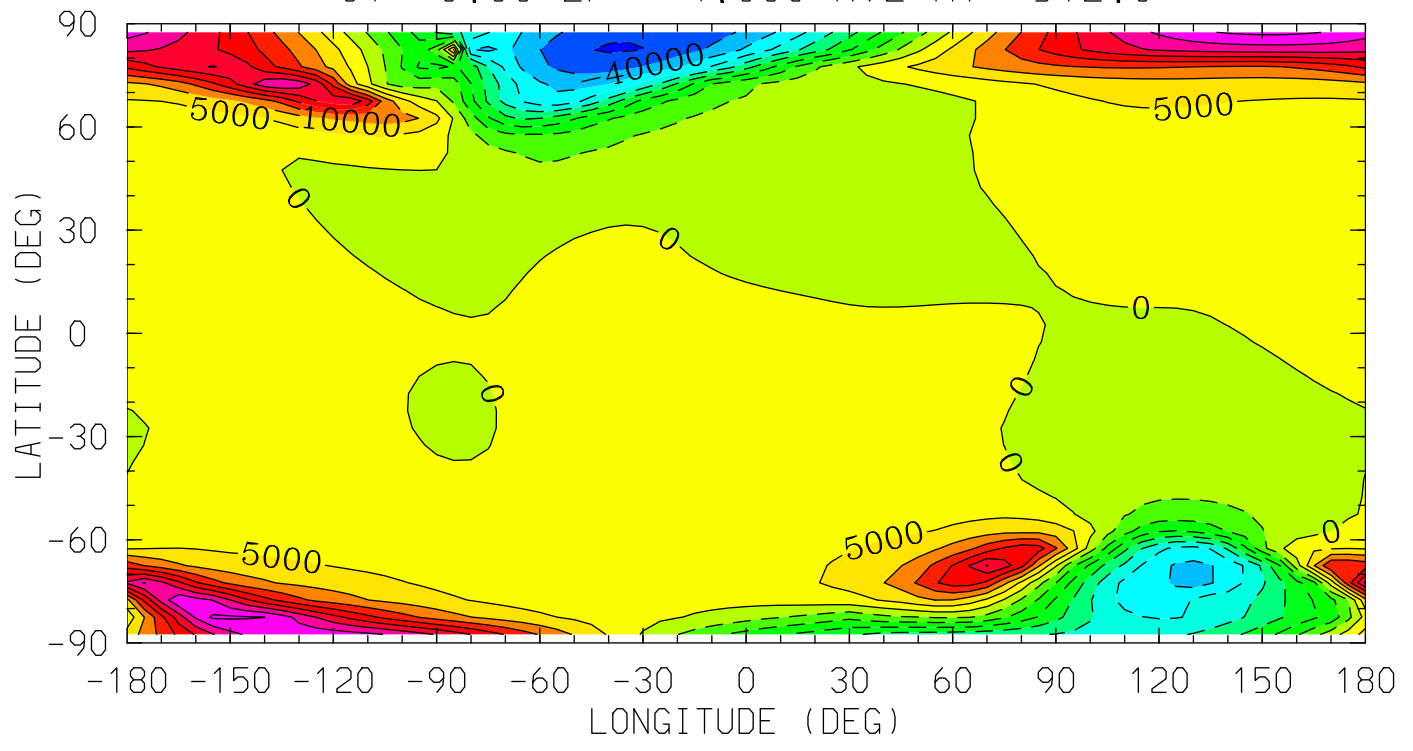
MIN,MAX= -4.7334E+04 4.5962E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

VI\_ExB (cm/s)  
VI: Meridional ExB Velocity  
UT= 0.00 ZP= 2.000 AVE HT= 371.8



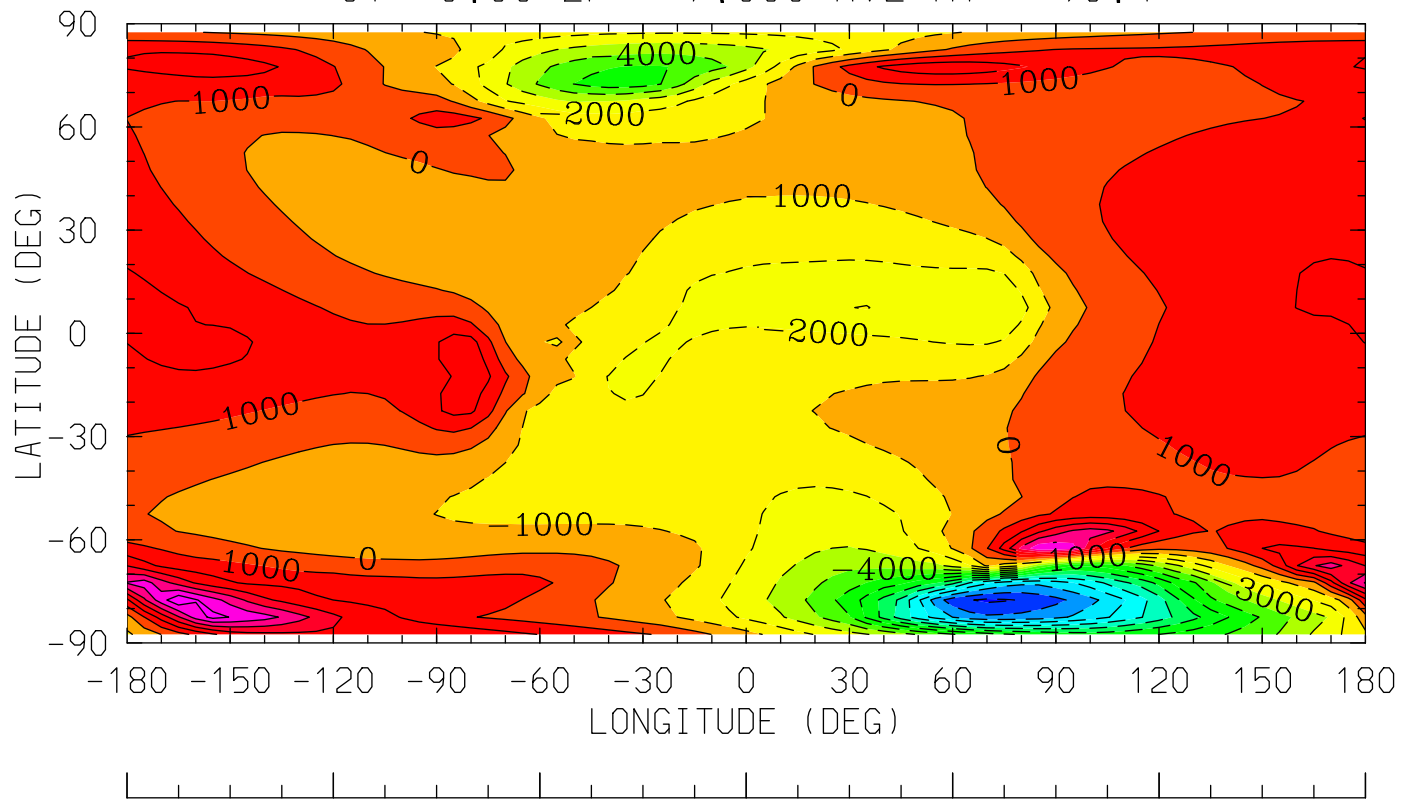
MIN,MAX= -4.6553E+04 4.3600E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

VI\_ExB (cm/s)  
VI: Meridional ExB Velocity  
UT= 0.00 ZP= 4.000 AVE HT= 512.0



MIN,MAX= -4.5620E+04 4.1240E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

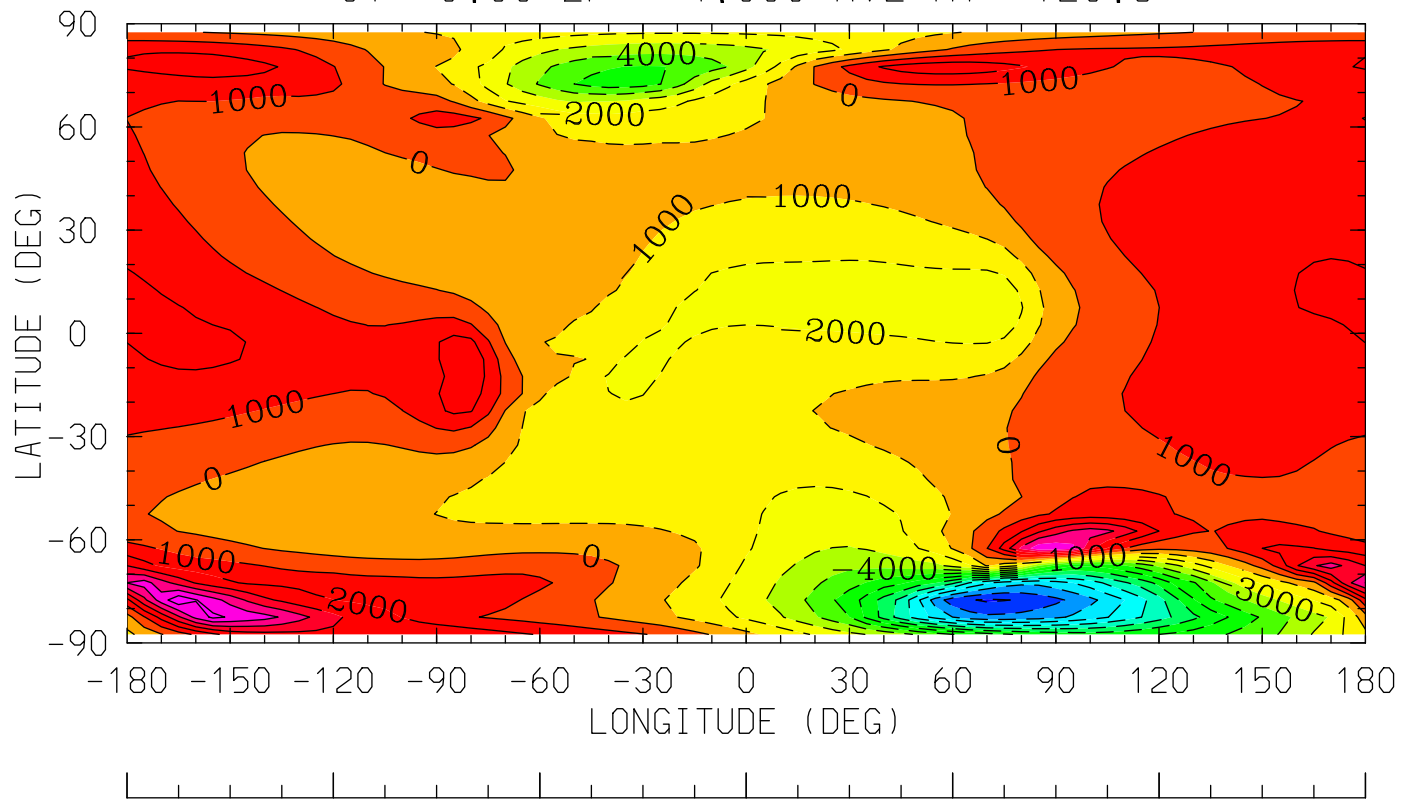
WI\_ExB (cm/s)  
WI: Vertical ExB Velocity  
UT= 0.00 ZP= -7.000 AVE HT= 96.4



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

MIN,MAX= -1.3196E+04 6.8708E+03 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

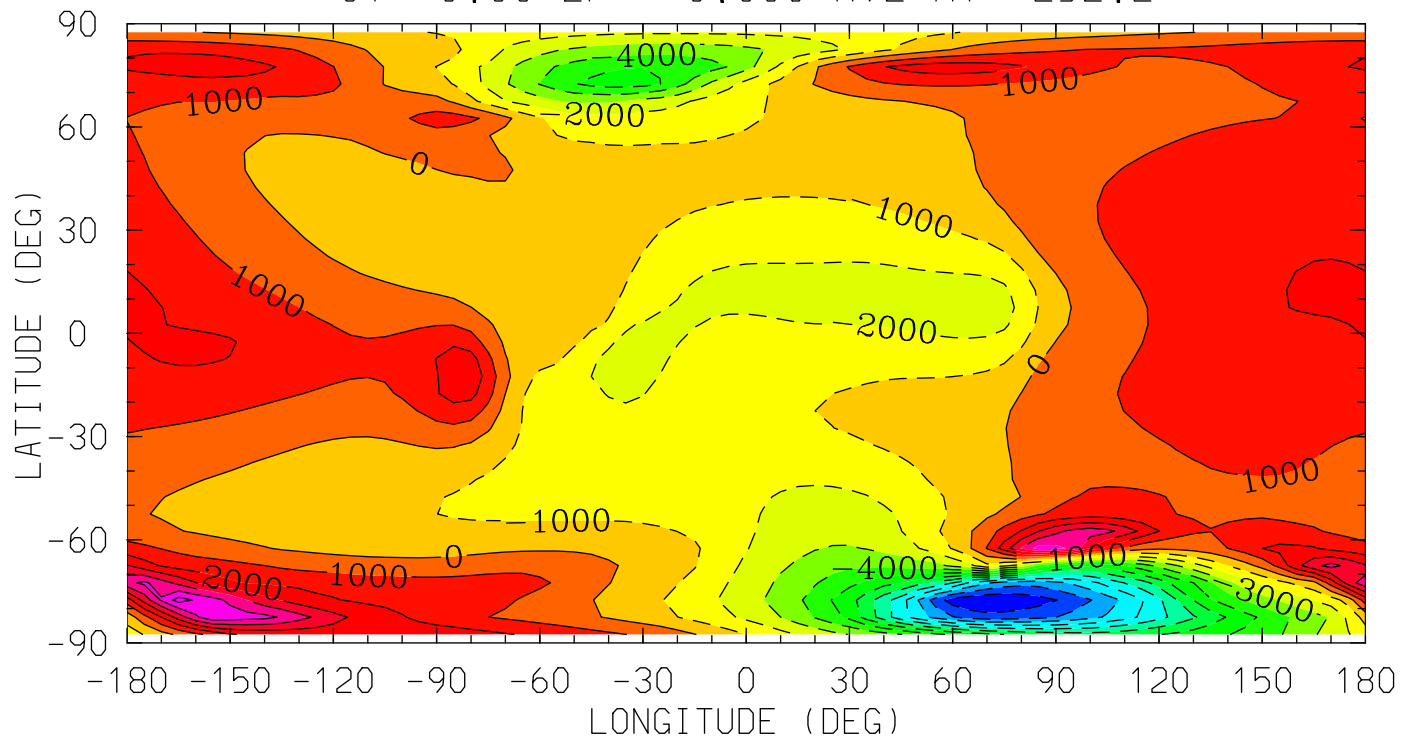
WI\_ExB (cm/s)  
WI: Vertical ExB Velocity  
UT= 0.00 ZP= -4.000 AVE HT= 120.8



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

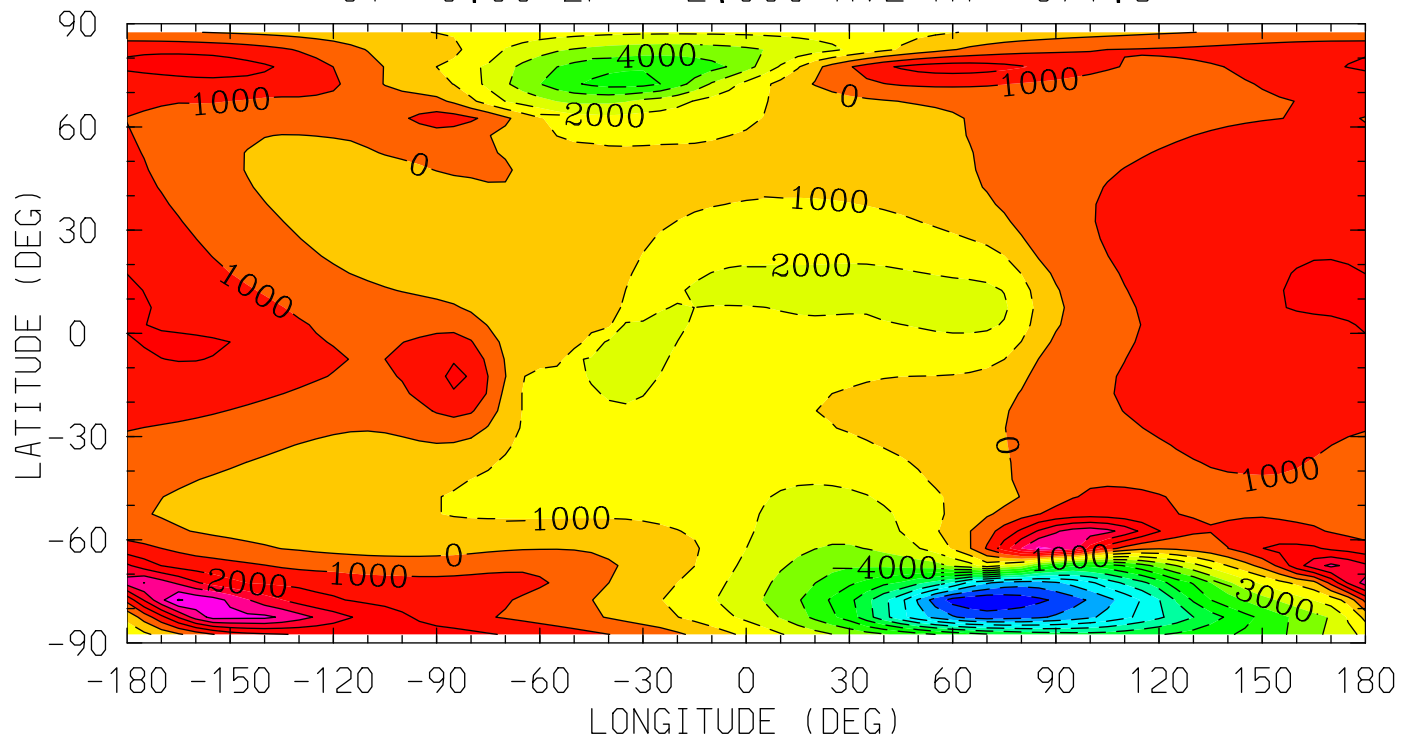
MIN,MAX= -1.3161E+04 6.7947E+03 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

WI\_ExB (cm/s)  
WI: Vertical ExB Velocity  
UT= 0.00 ZP= 0.000 AVE HT= 252.2



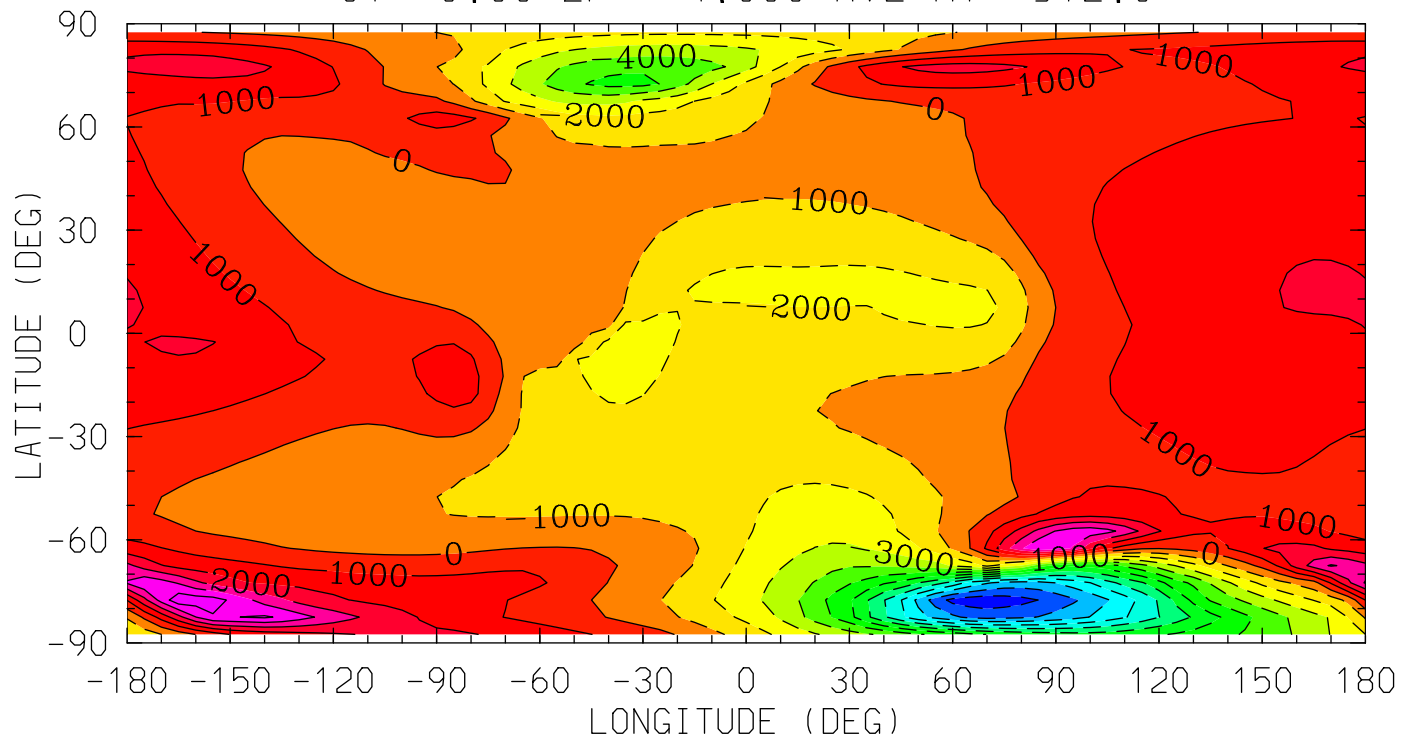
MIN,MAX= -1.2990E+04 6.4233E+03 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

WI\_ExB (cm/s)  
WI: Vertical ExB Velocity  
UT= 0.00 ZP= 2.000 AVE HT= 371.8



MIN,MAX= -1.2841E+04 6.0864E+03 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

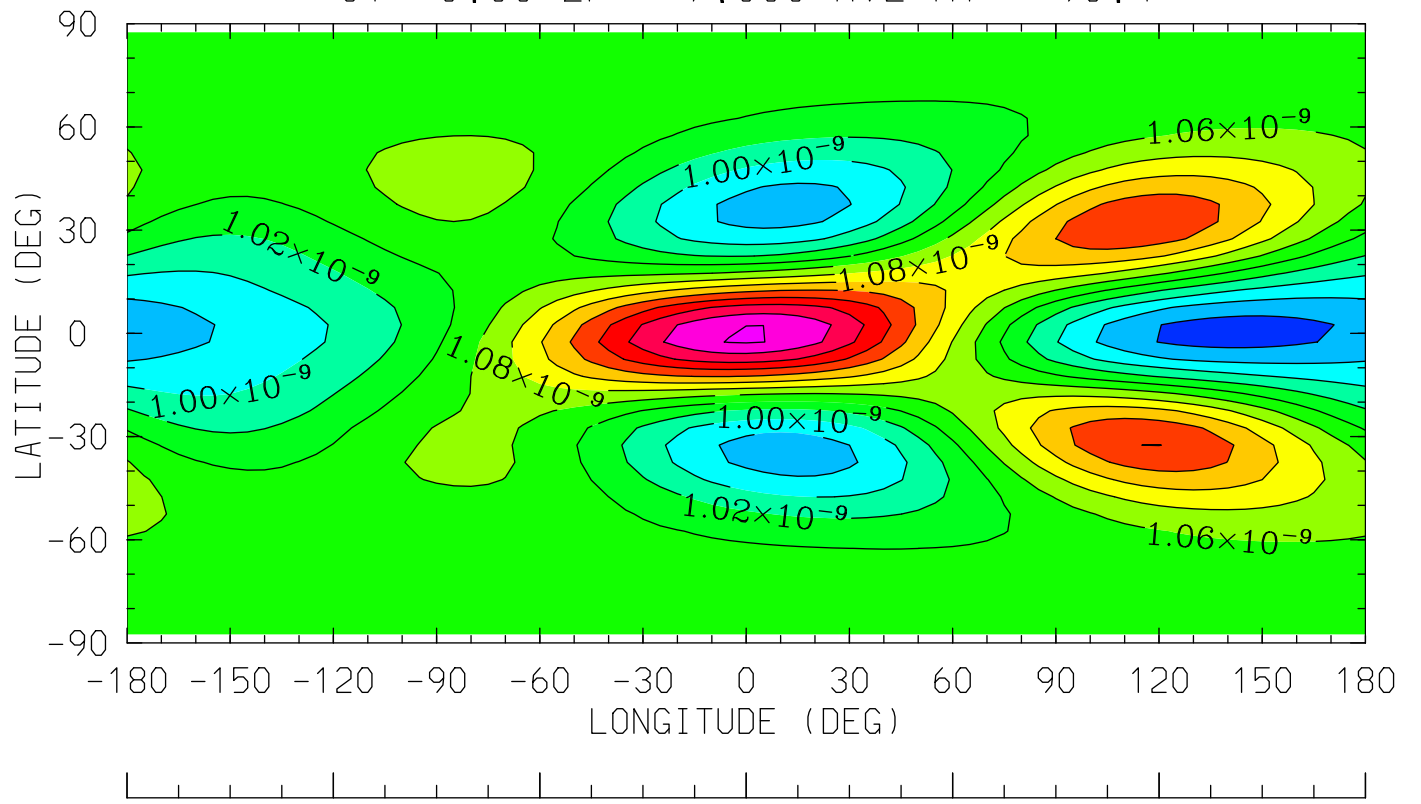
WI\_ExB (cm/s)  
WI: Vertical ExB Velocity  
UT= 0.00 ZP= 4.000 AVE HT= 512.0



MIN,MAX= -1.2663E+04 5.7057E+03 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc



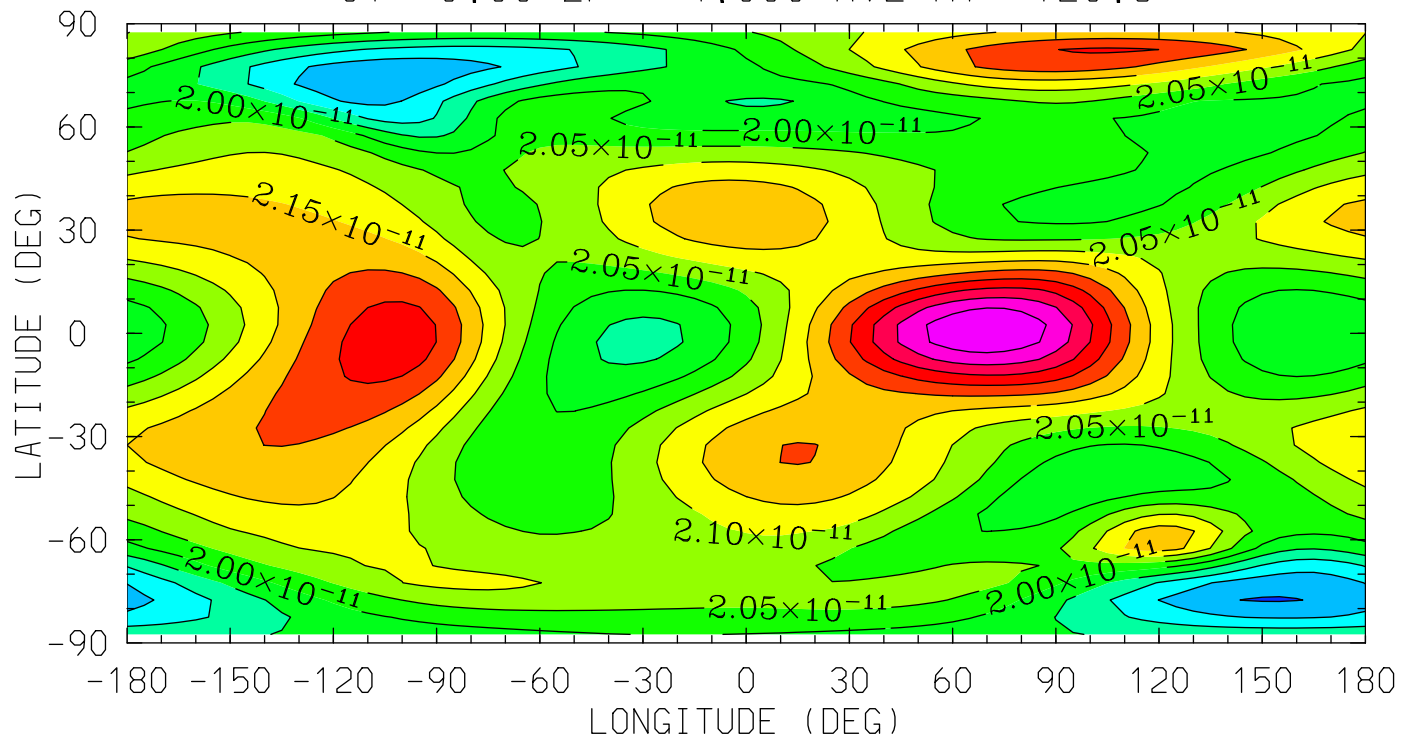
DEN (g/cm<sup>3</sup>)  
Total Density  
UT= 0.00 ZP= -7.000 AVE HT= 96.4



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

MIN,MAX= 9.5126E-10 1.2016E-09 INTERVAL= 2.0000E-11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

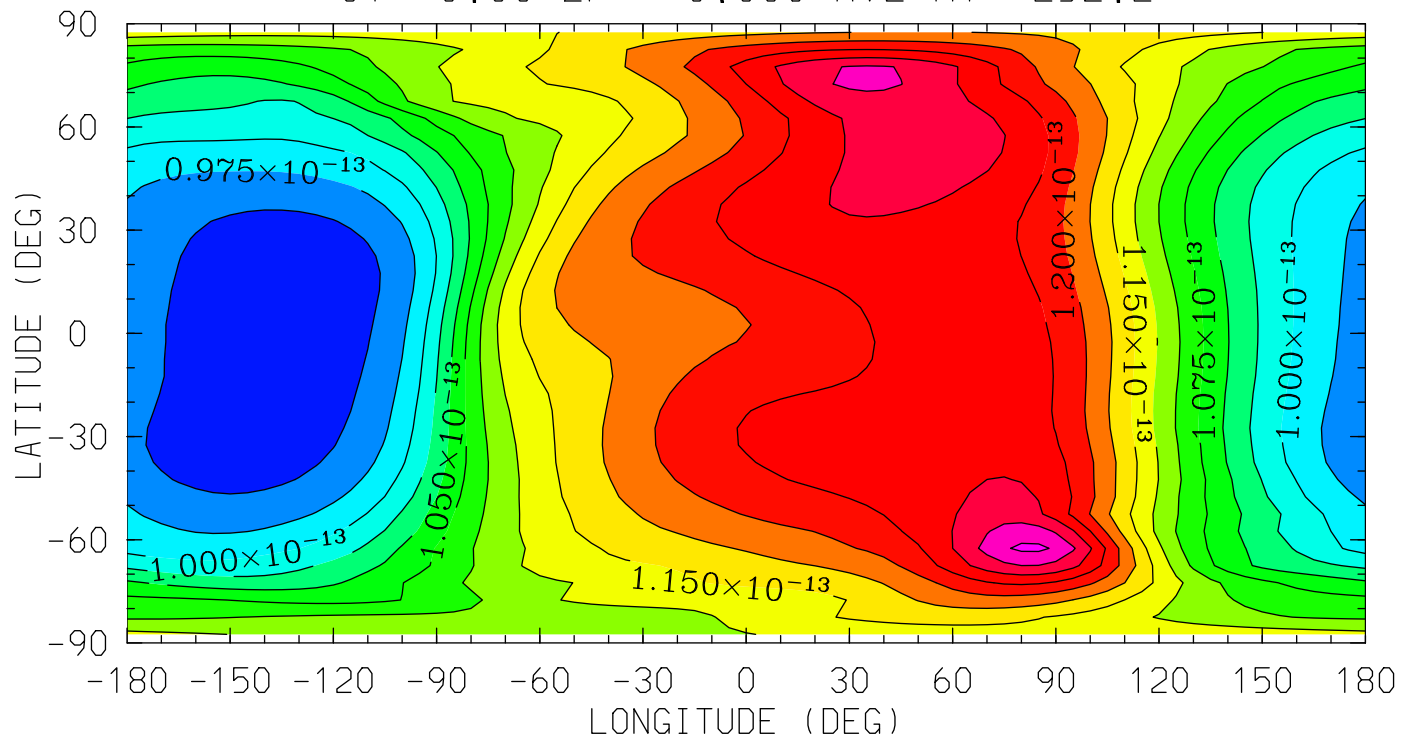
DEN (g/cm<sup>3</sup>)  
Total Density  
UT= 0.00 ZP= -4.000 AVE HT= 120.8



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

MIN,MAX= 1.7958E-11 2.4466E-11 INTERVAL= 5.0000E-13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

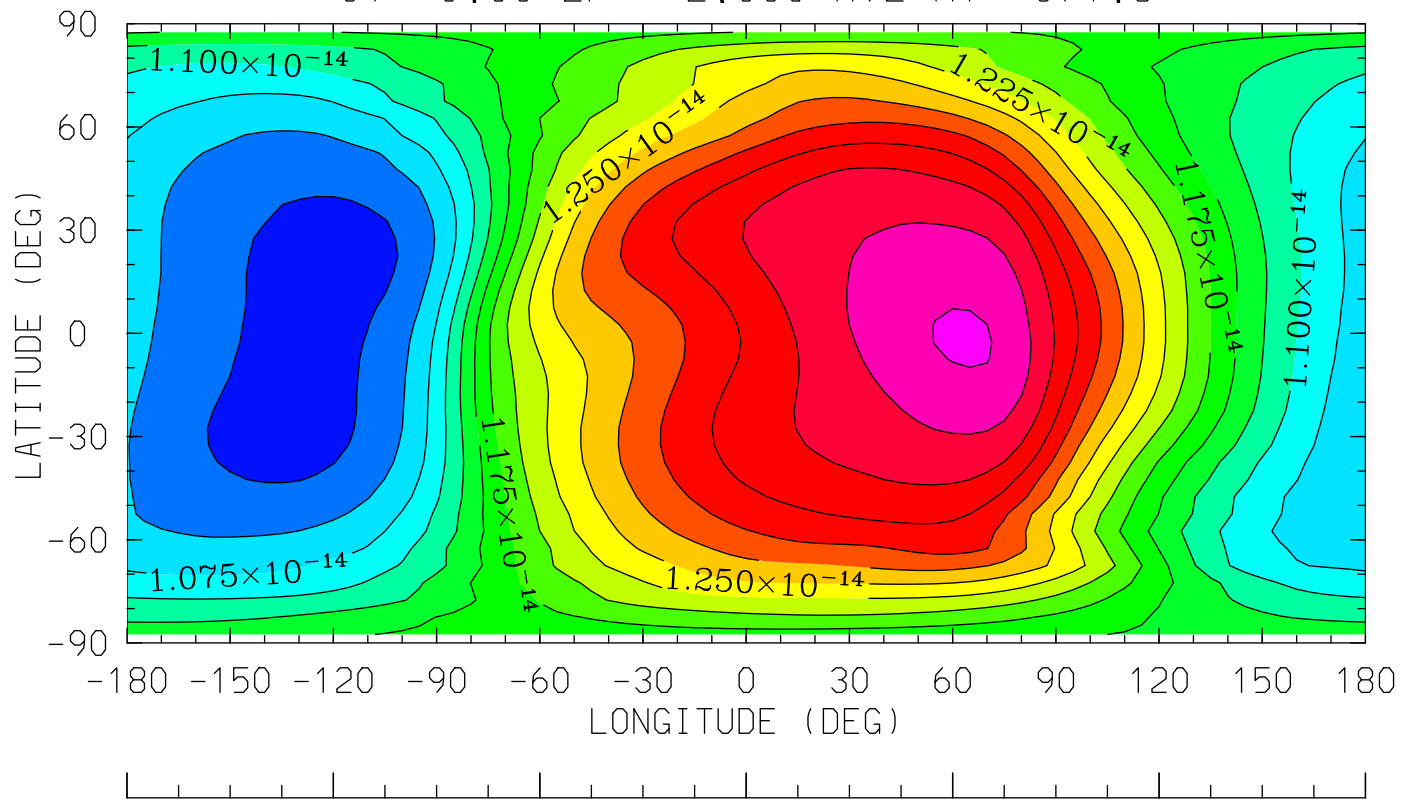
DEN (g/cm<sup>3</sup>)  
Total Density  
UT= 0.00 ZP= 0.000 AVE HT= 252.2



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

MIN,MAX= 9.3265E-14 1.3055E-13 INTERVAL= 2.5000E-15  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

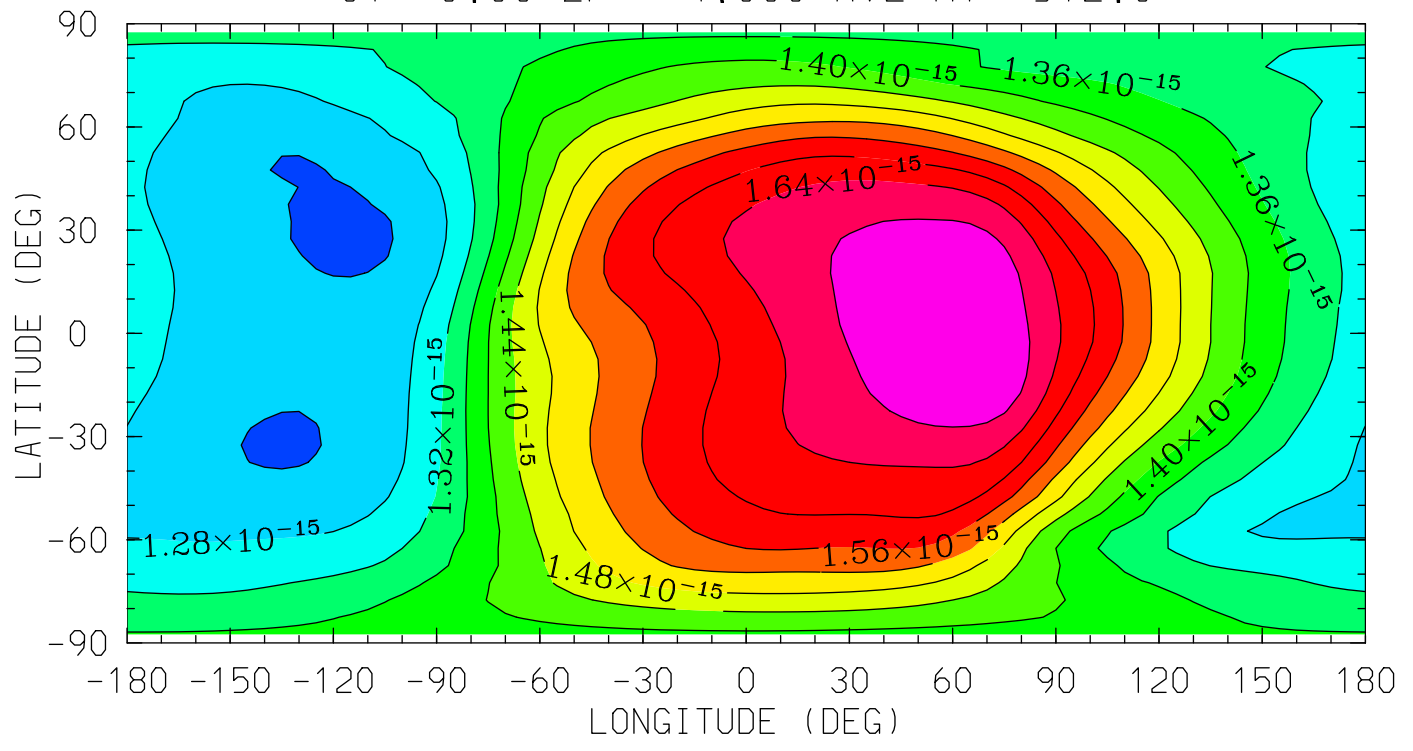
DEN (g/cm<sup>3</sup>)  
Total Density  
UT= 0.00 ZP= 2.000 AVE HT= 371.8



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

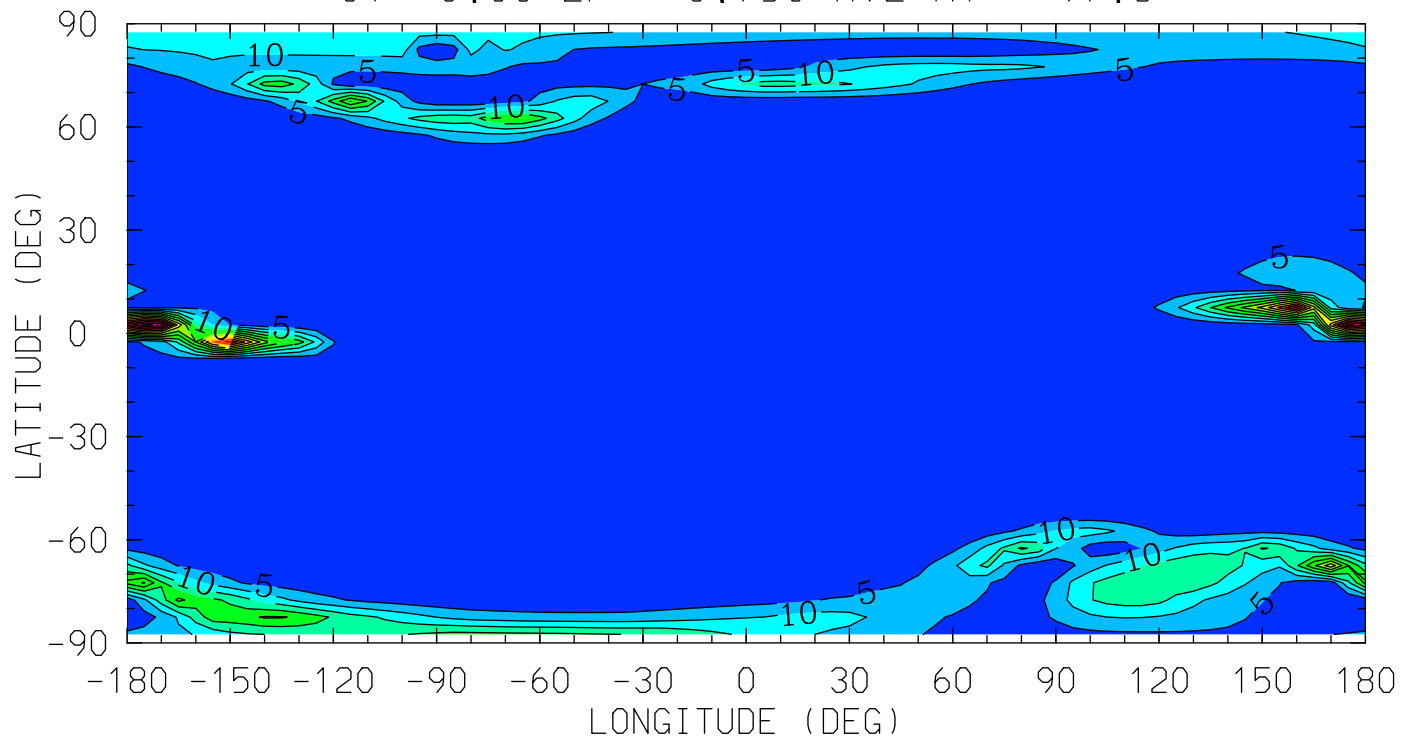
MIN,MAX= 1.0145E-14 1.4030E-14 INTERVAL= 2.5000E-16  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

DEN (g/cm<sup>3</sup>)  
Total Density  
UT= 0.00 ZP= 4.000 AVE HT= 512.0



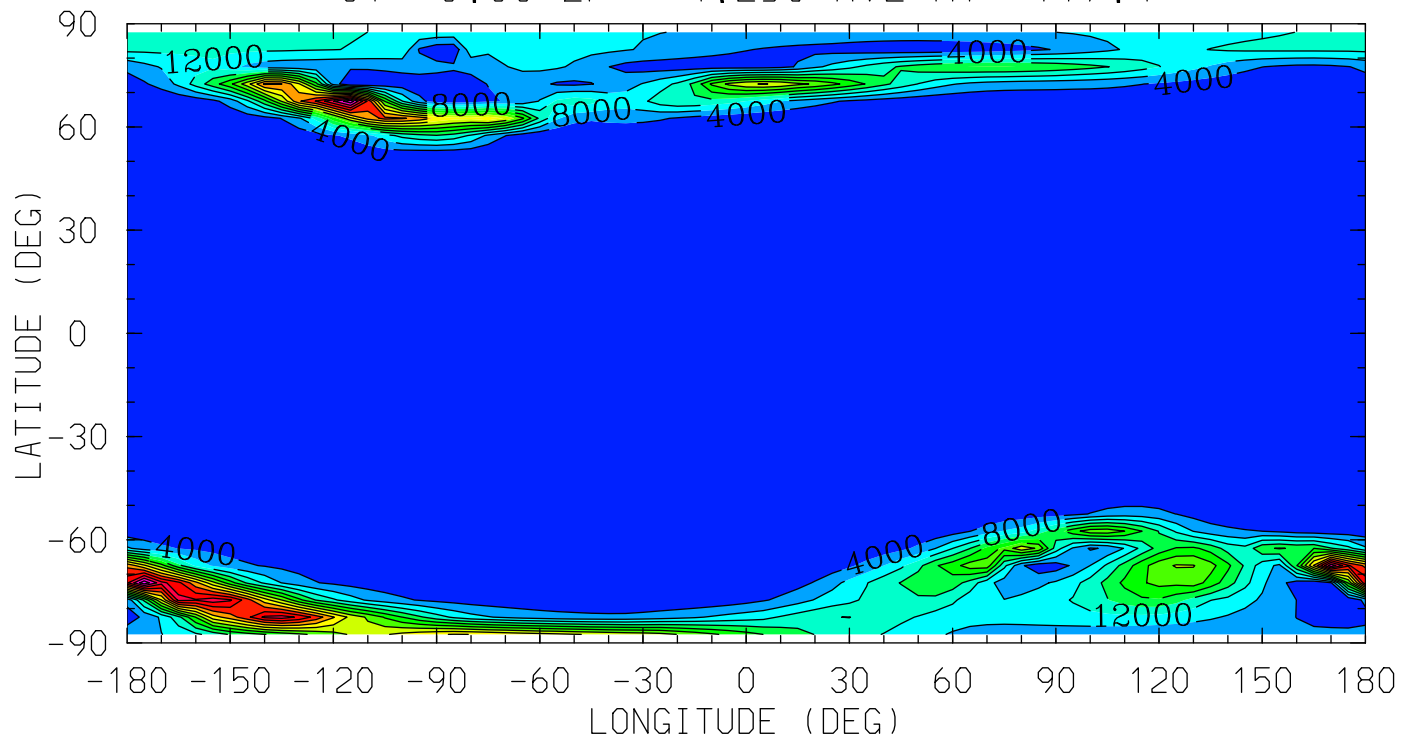
MIN,MAX= 1.2339E-15 1.7200E-15 INTERVAL= 4.0000E-17  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



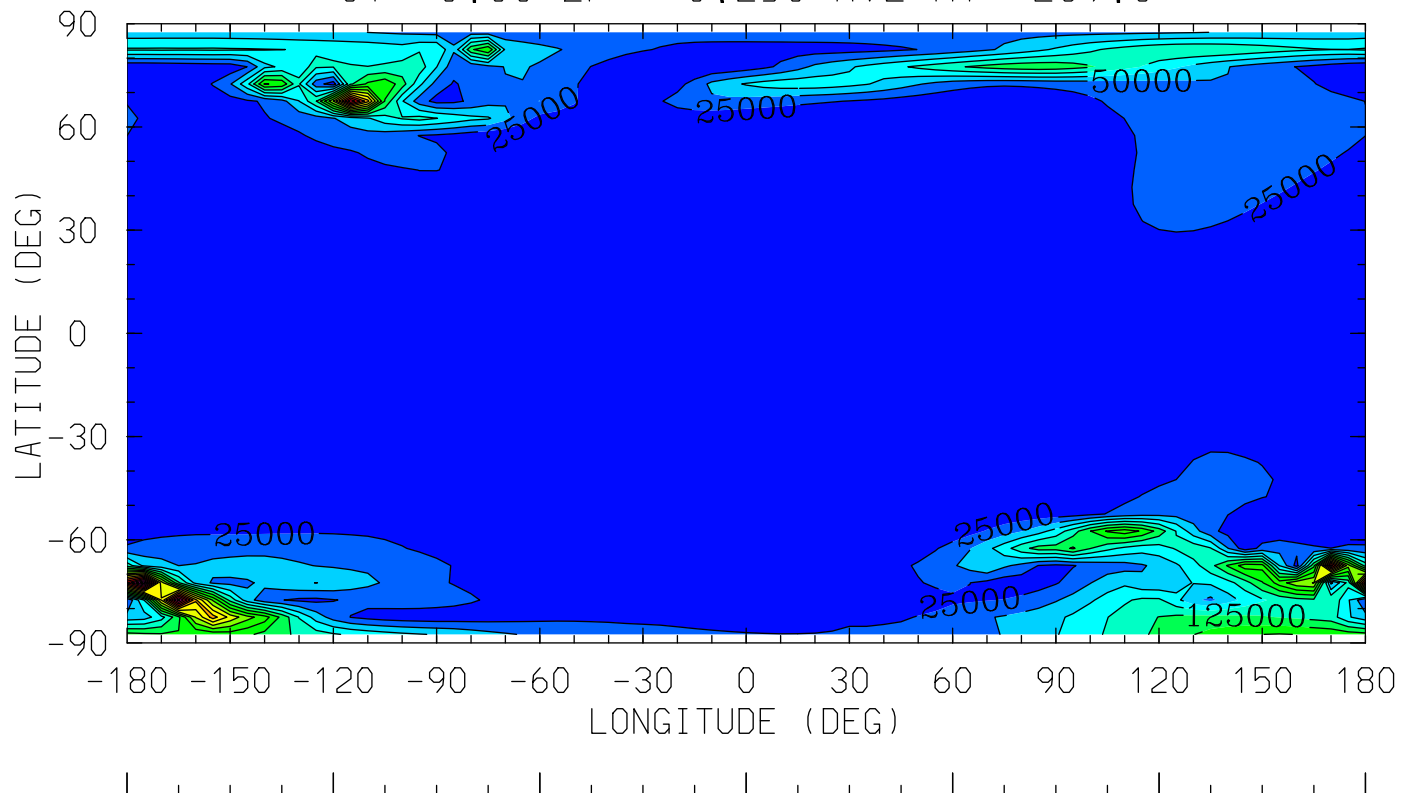
MIN,MAX= 9.1692E-04 6.6819E+01 INTERVAL= 5.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

QJOULE (erg/g/s)  
QJOULE: Joule Heating  
UT= 0.00 ZP= -4.250 AVE HT= 117.4



MIN,MAX= 6.8481E-02 5.8894E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

QJOULE (erg/g/s)  
QJOULE: Joule Heating  
UT= 0.00 ZP= -0.250 AVE HT= 239.6

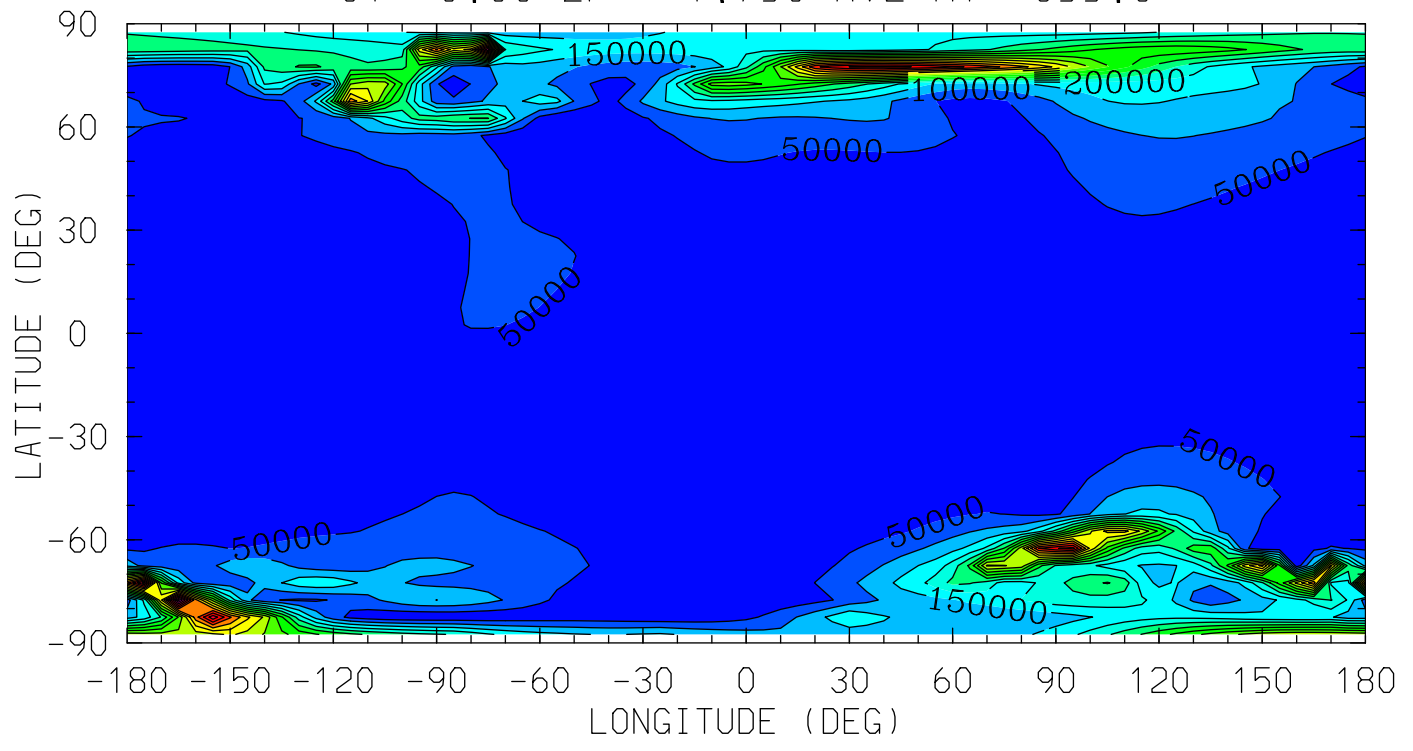


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 9.5383E+00 4.4501E+05 INTERVAL= 2.5000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc



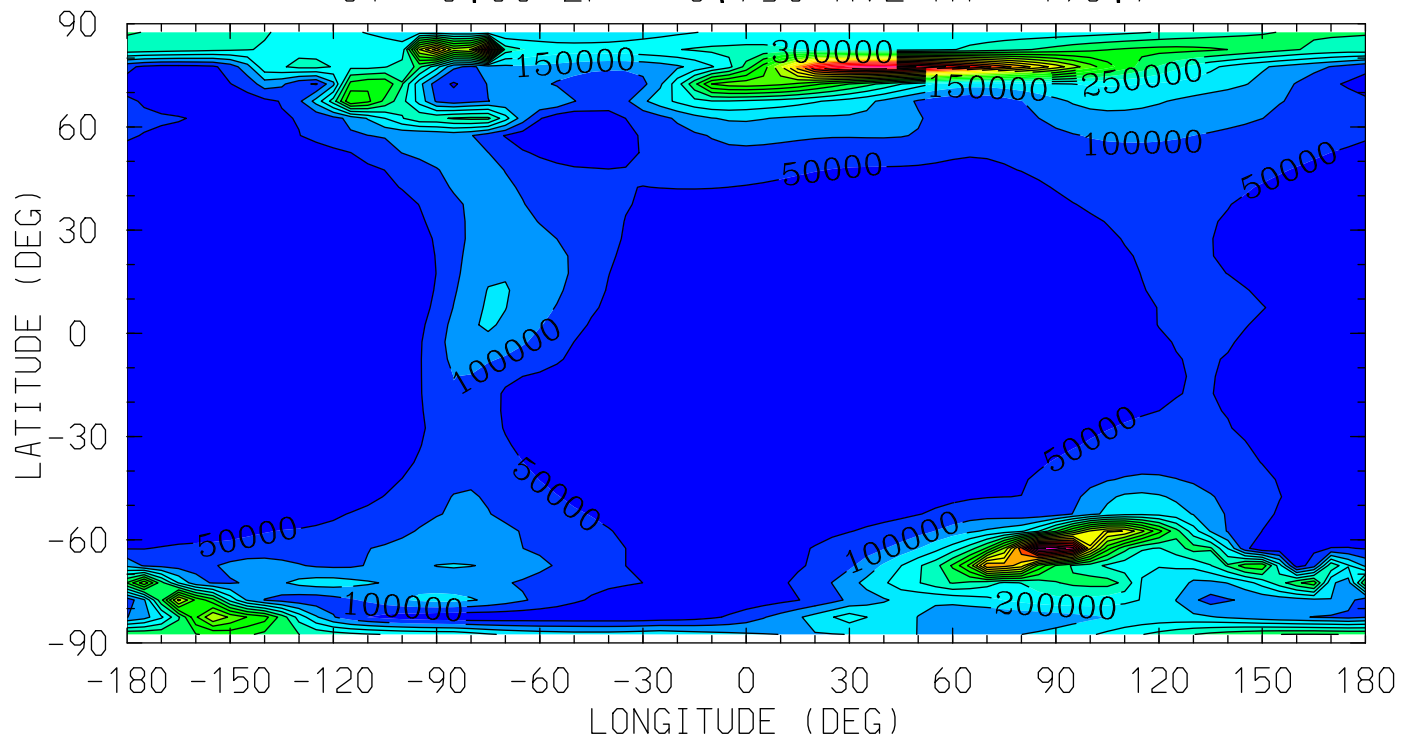
QJOULE (erg/g/s)  
QJOULE: Joule Heating  
UT= 0.00 ZP= 1.750 AVE HT= 355.6



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

MIN,MAX= 1.5360E+02 9.1646E+05 INTERVAL= 5.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

QJOULE (erg/g/s)  
QJOULE: Joule Heating  
UT= 0.00 ZP= 3.750 AVE HT= 493.7

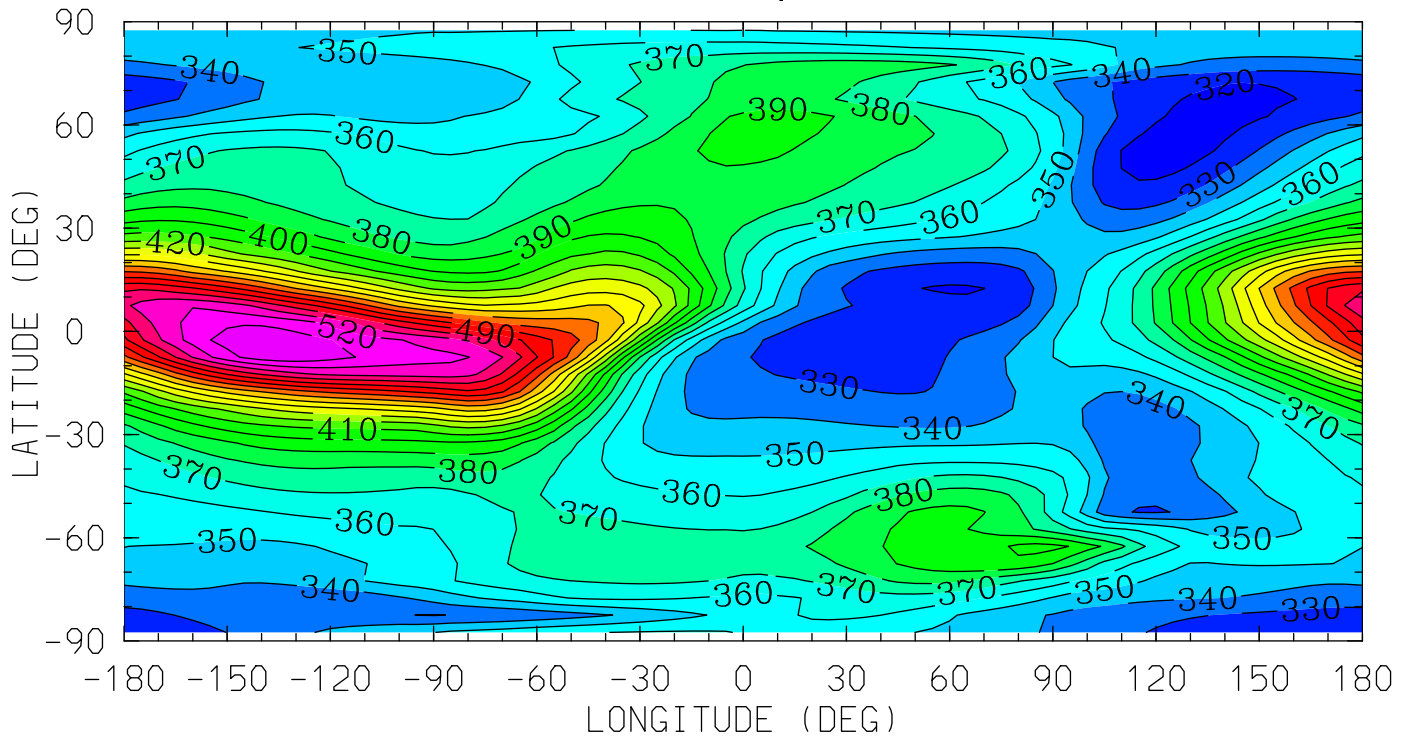


MIN,MAX= 1.2006E+02 1.0106E+06 INTERVAL= 5.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

HMF2 (KM)

HMF2

UT= 0.00



12.0 16.0 20.0 0.0 4.0 8.0 12.0

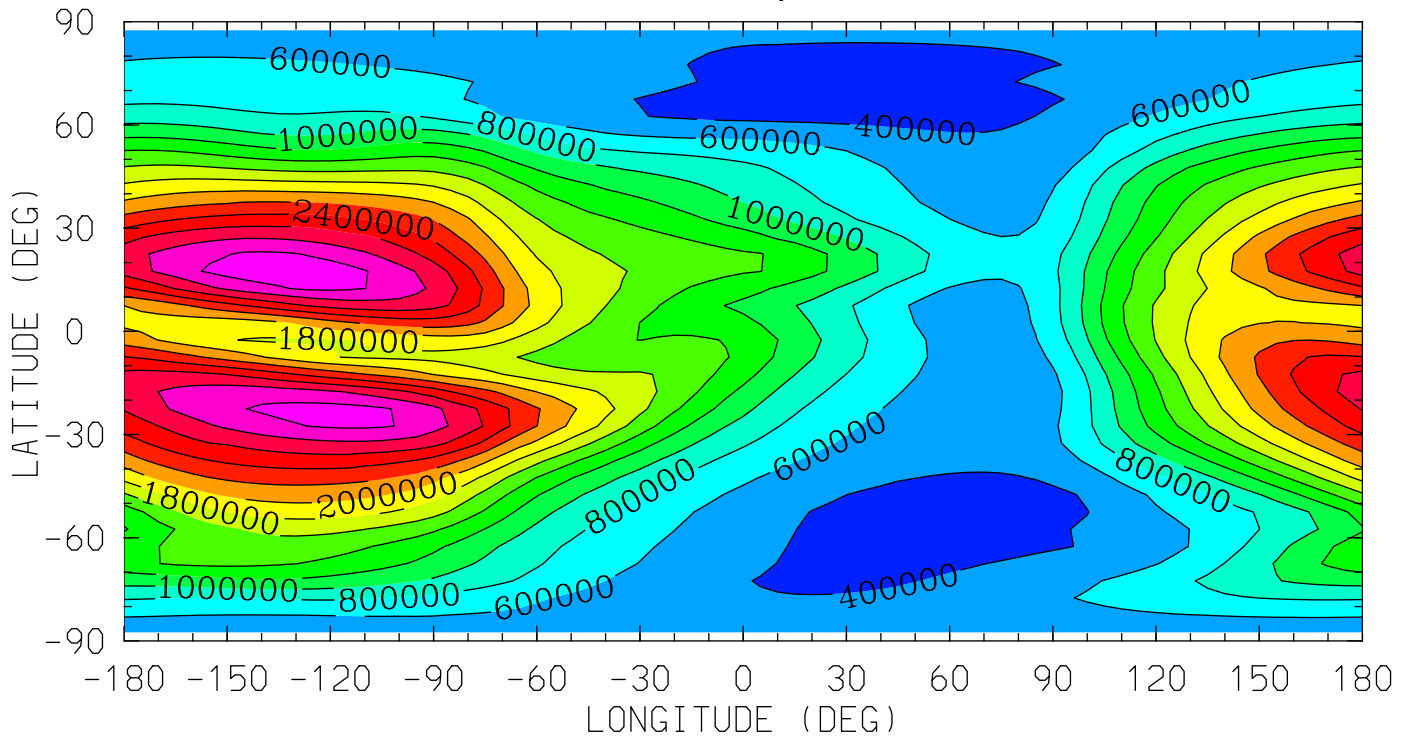
LOCAL TIME (HRS)

MIN,MAX= 3.1364E+02 5.3744E+02 INTERVAL= 1.0000E+01

tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)

tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

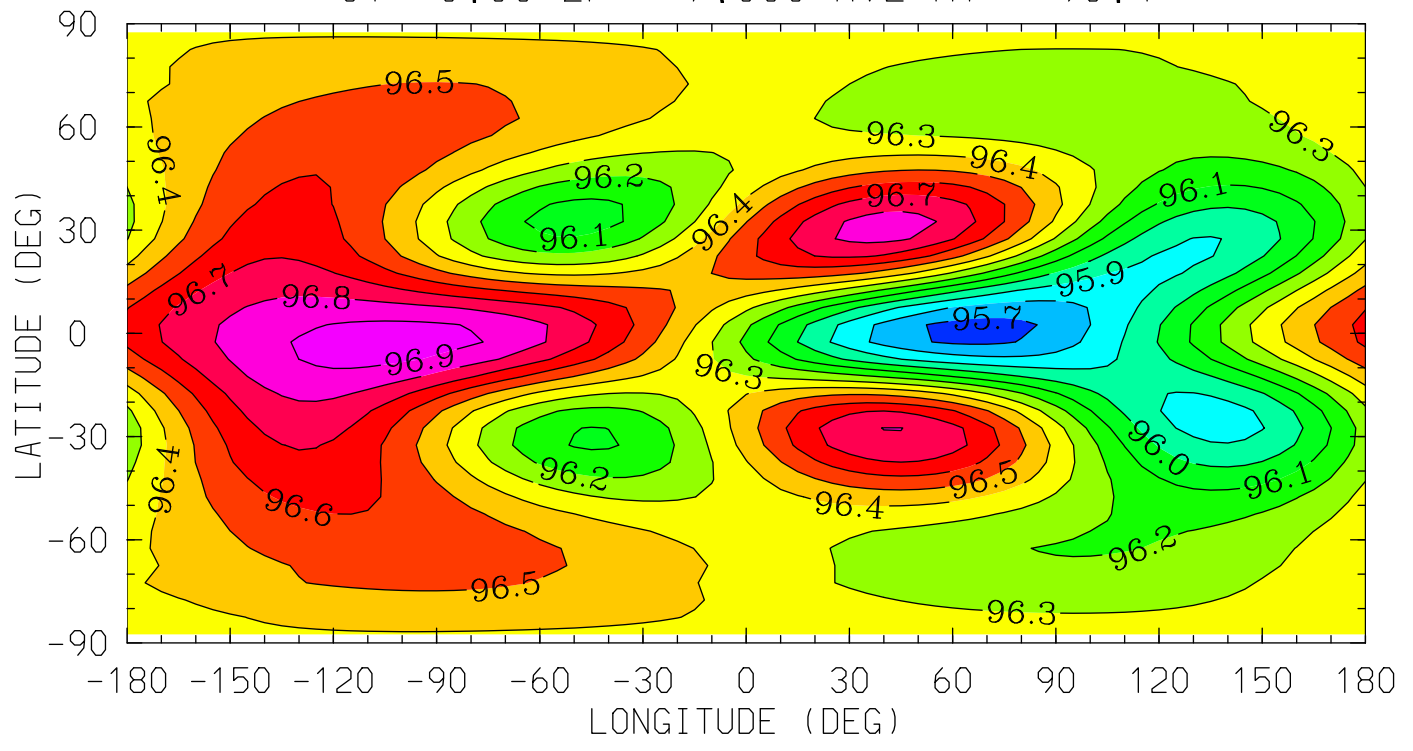
NMF2 ( )  
NMF2  
UT= 0.00



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

MIN,MAX= 2.5632E+05 3.1357E+06 INTERVAL= 2.0000E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

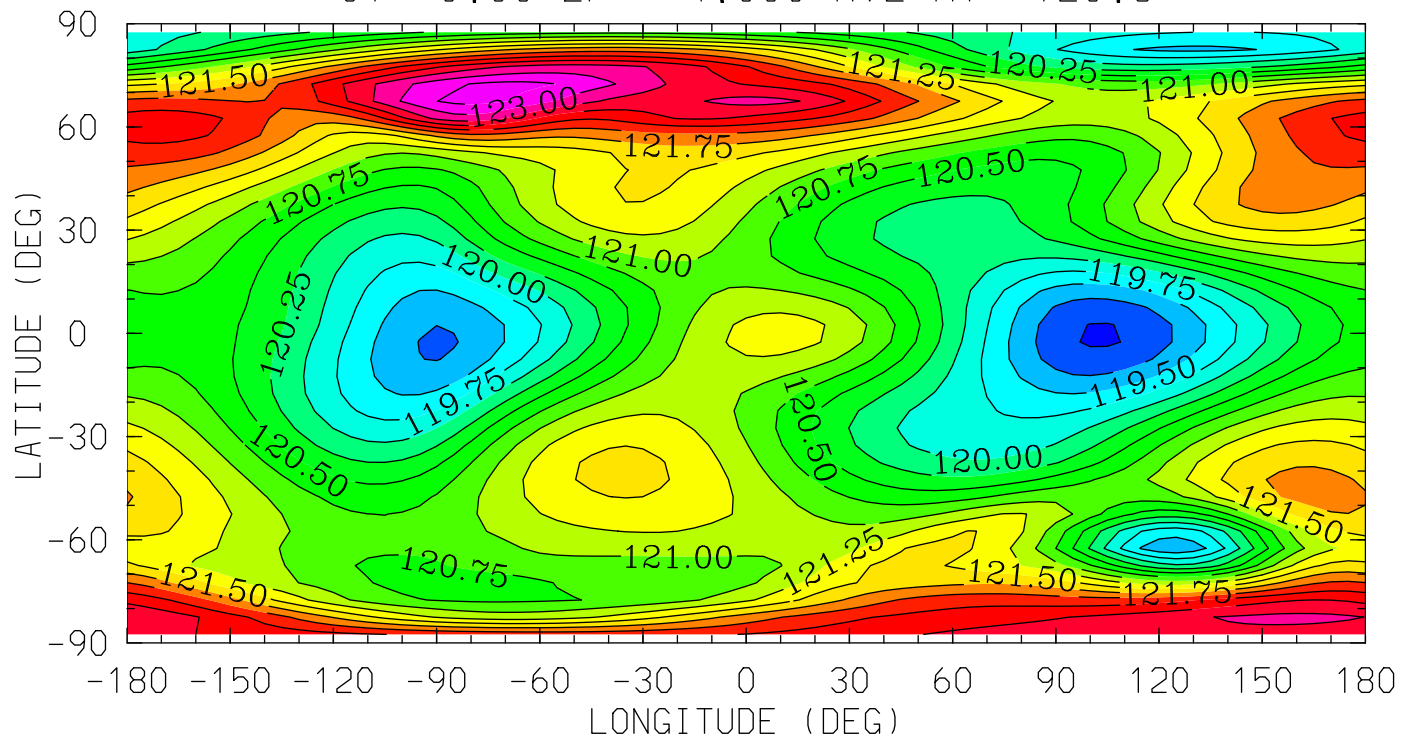
Z (KM)  
GEOPOTENTIAL HEIGHT  
UT= 0.00 ZP= -7.000 AVE HT= 96.4



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

MIN,MAX= 9.5662E+01 9.6951E+01 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

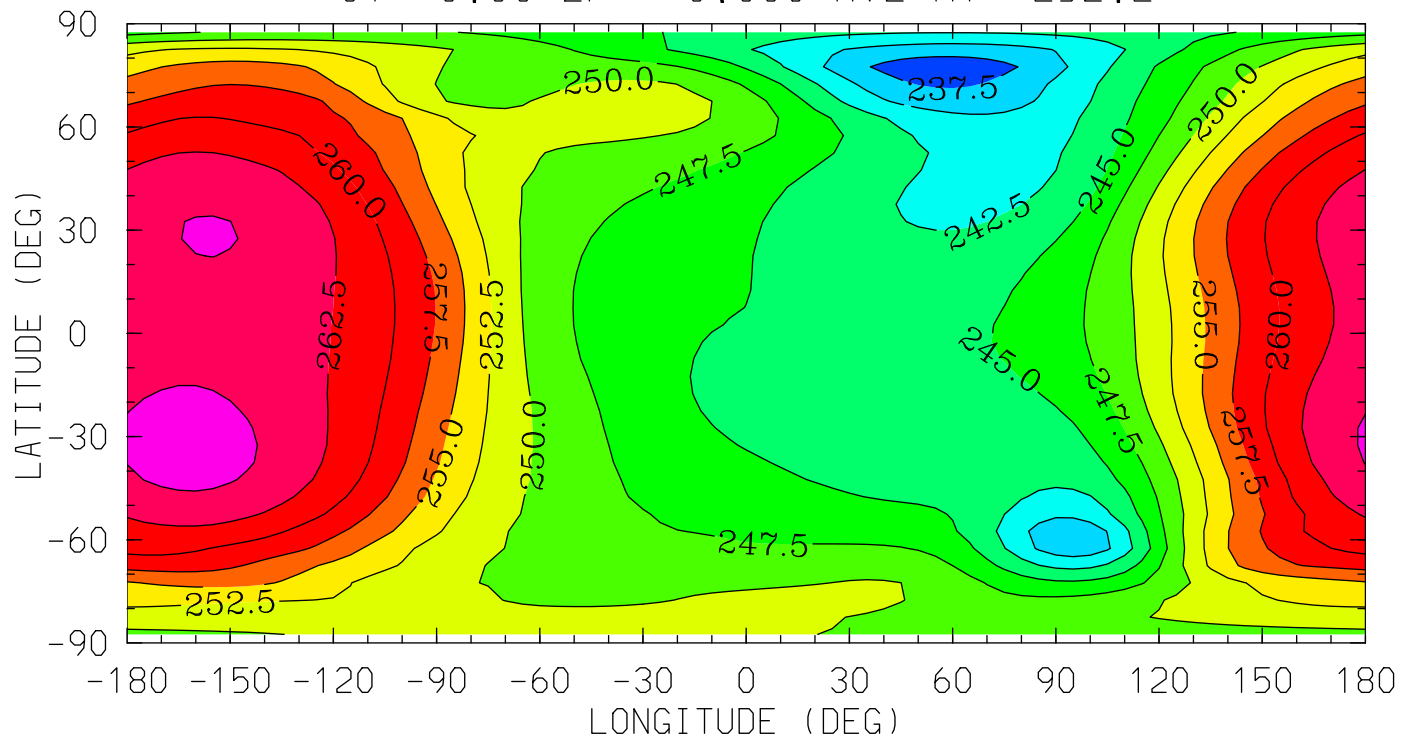
Z (KM)  
GEOPOTENTIAL HEIGHT  
UT= 0.00 ZP= -4.000 AVE HT= 120.8



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

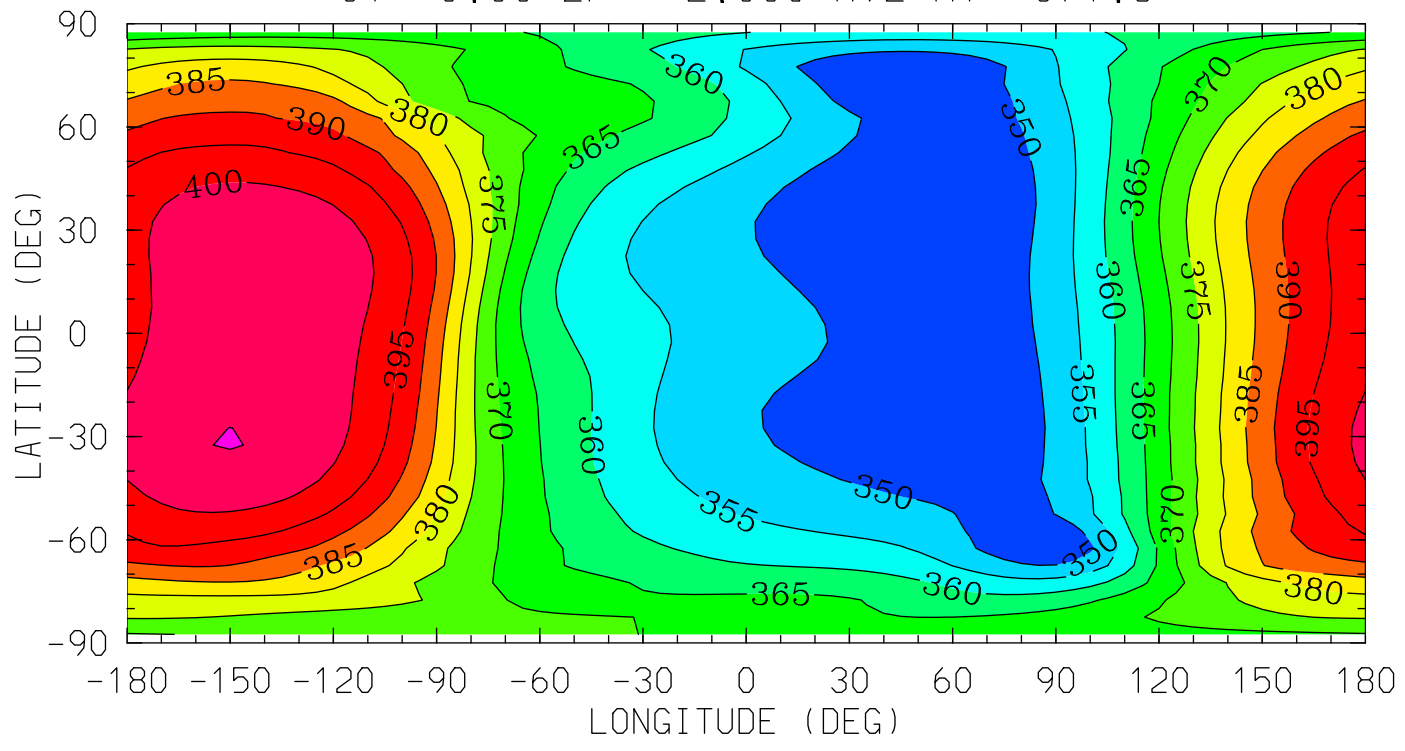
MIN,MAX= 1.1897E+02 1.2333E+02 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

Z (KM)  
GEOPOTENTIAL HEIGHT  
UT= 0.00 ZP= 0.000 AVE HT= 252.2



MIN,MAX= 2.3582E+02 2.6601E+02 INTERVAL= 2.5000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

Z (KM)  
GEOPOTENTIAL HEIGHT  
UT= 0.00 ZP= 2.000 AVE HT= 371.8

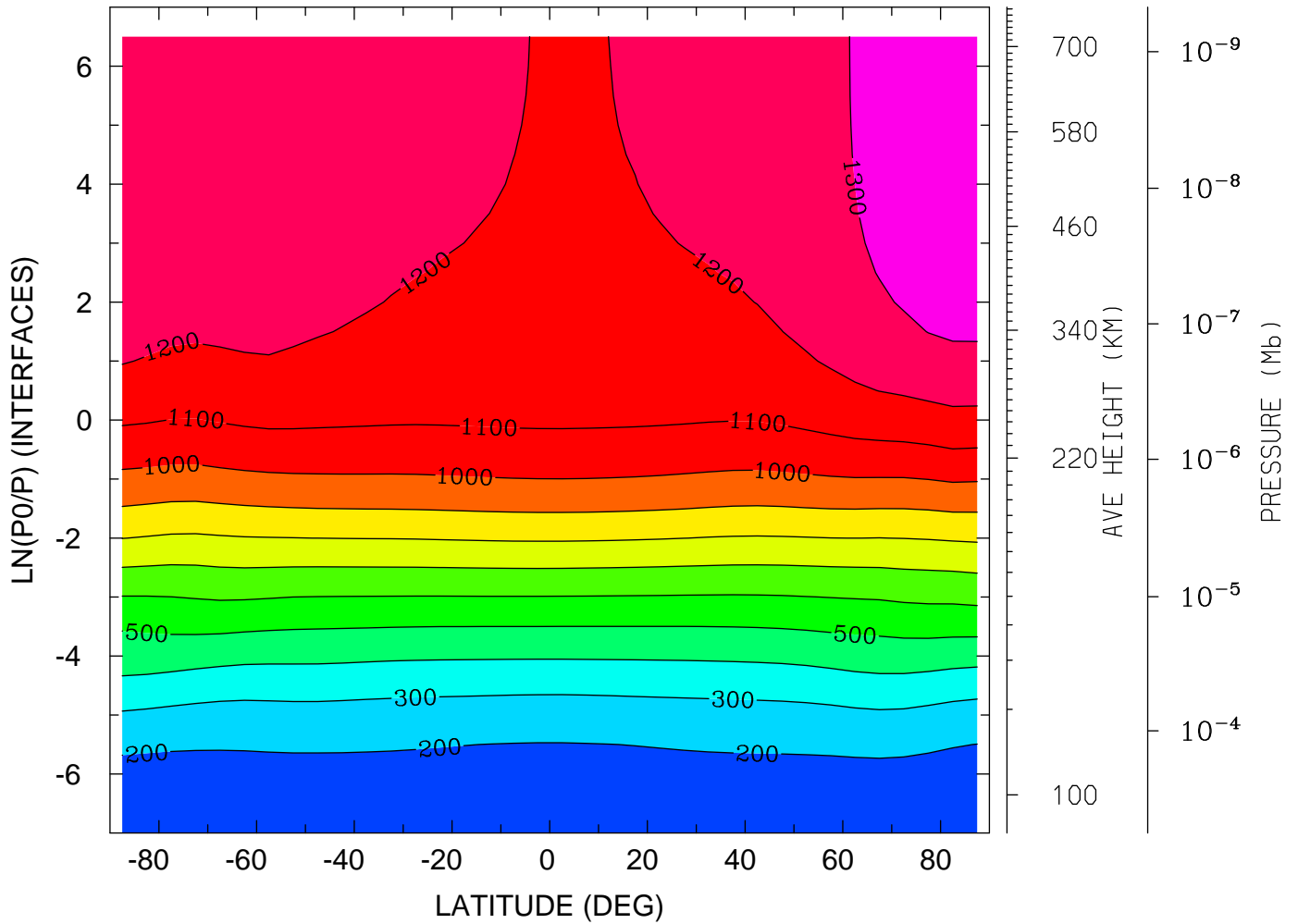


MIN,MAX= 3.4508E+02 4.0509E+02 INTERVAL= 5.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc



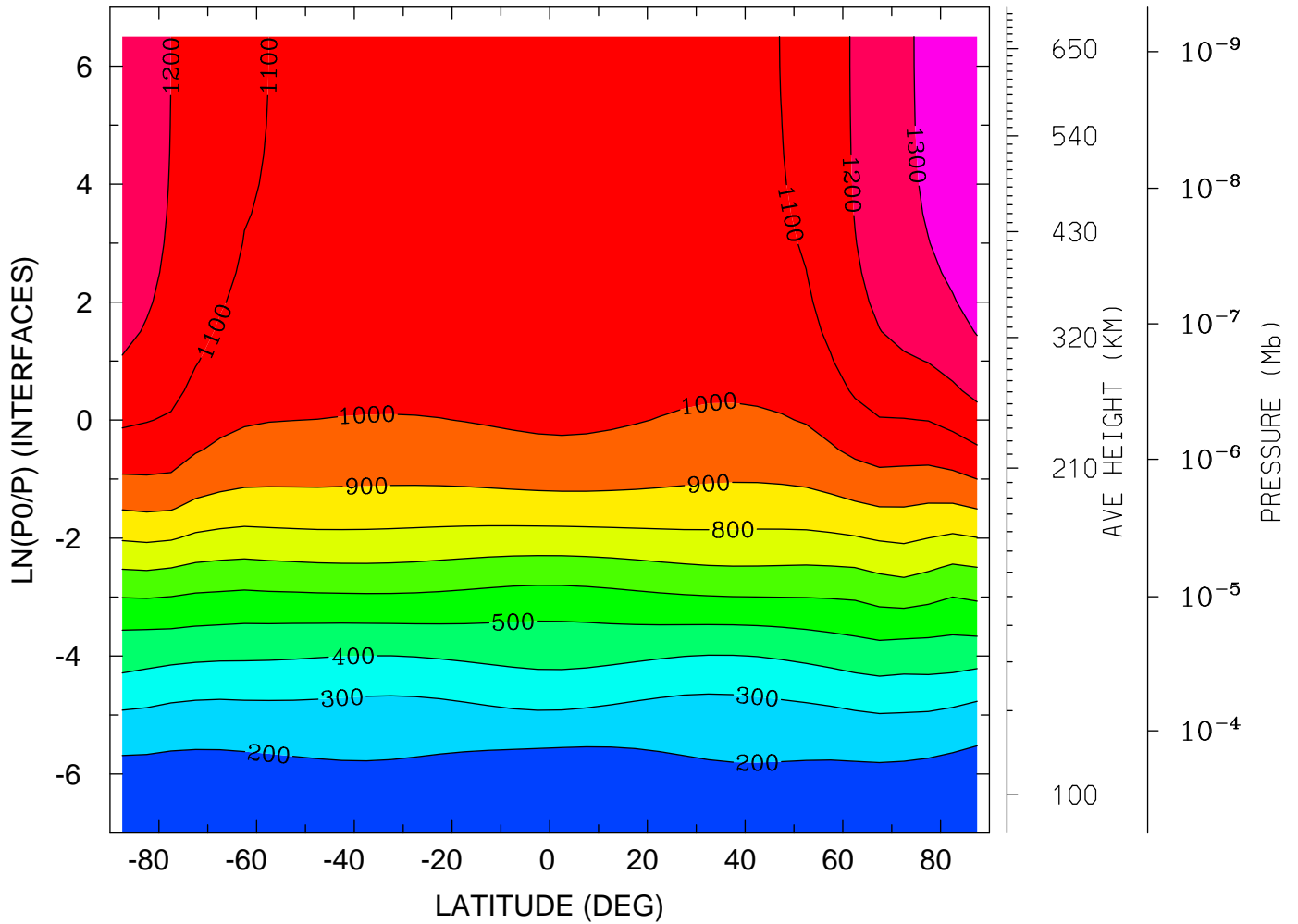


NEUTRAL TEMPERATURE (DEG K)  
YEAR 2002 UT= 0.00 ZONAL MEANS



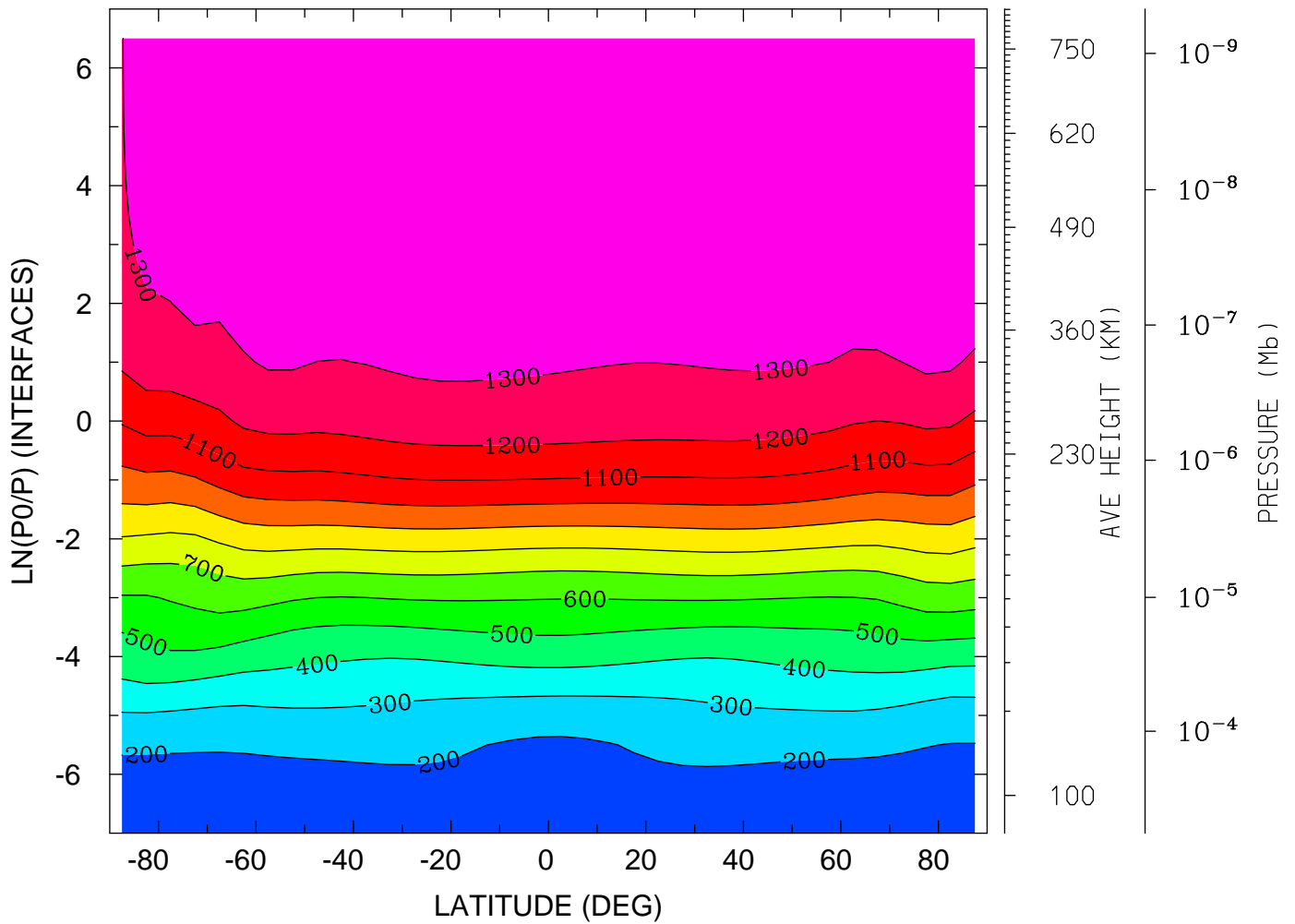
MIN,MAX= 1.6488E+02 1.3729E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



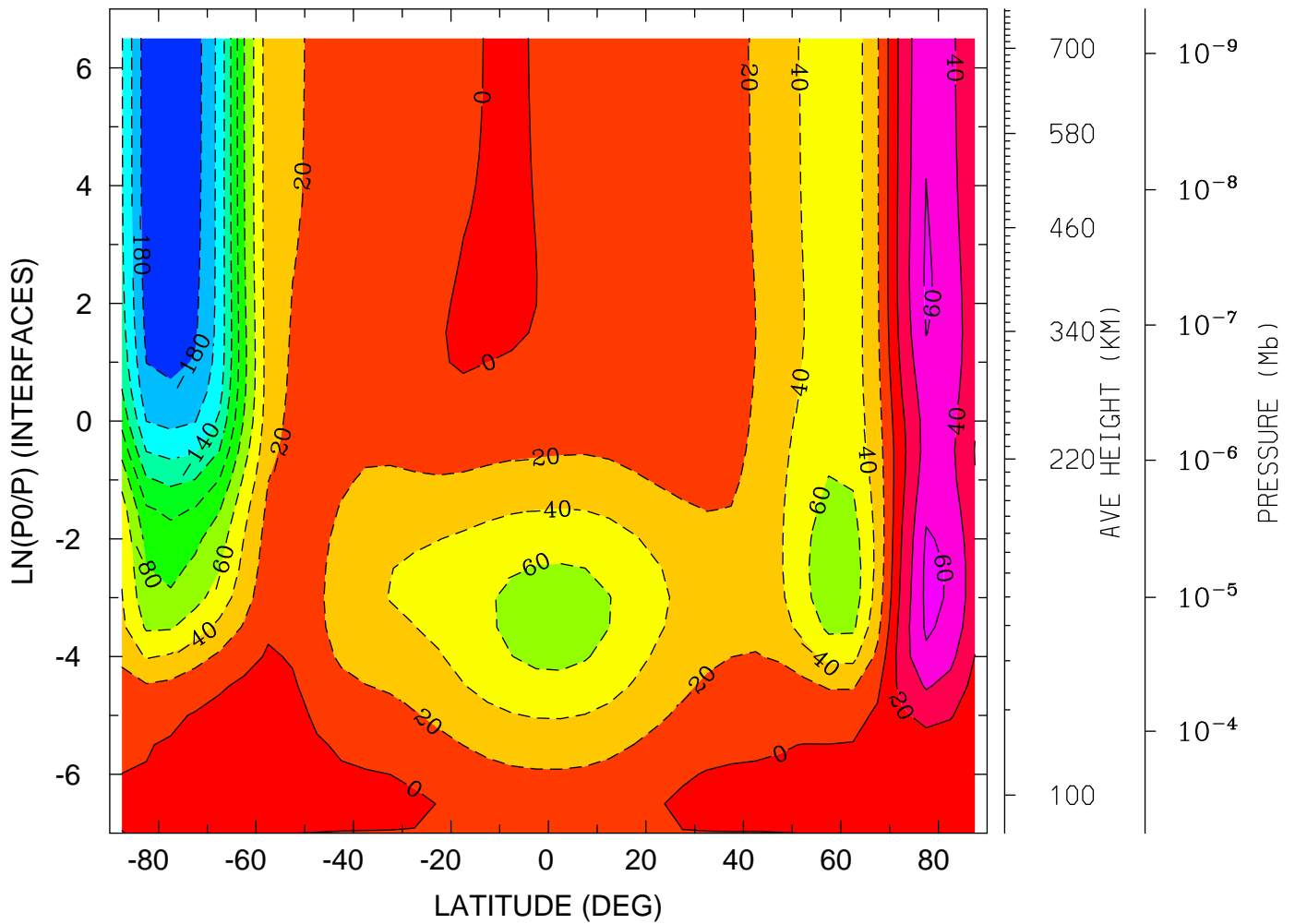
MIN,MAX= 1.5079E+02 1.3695E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



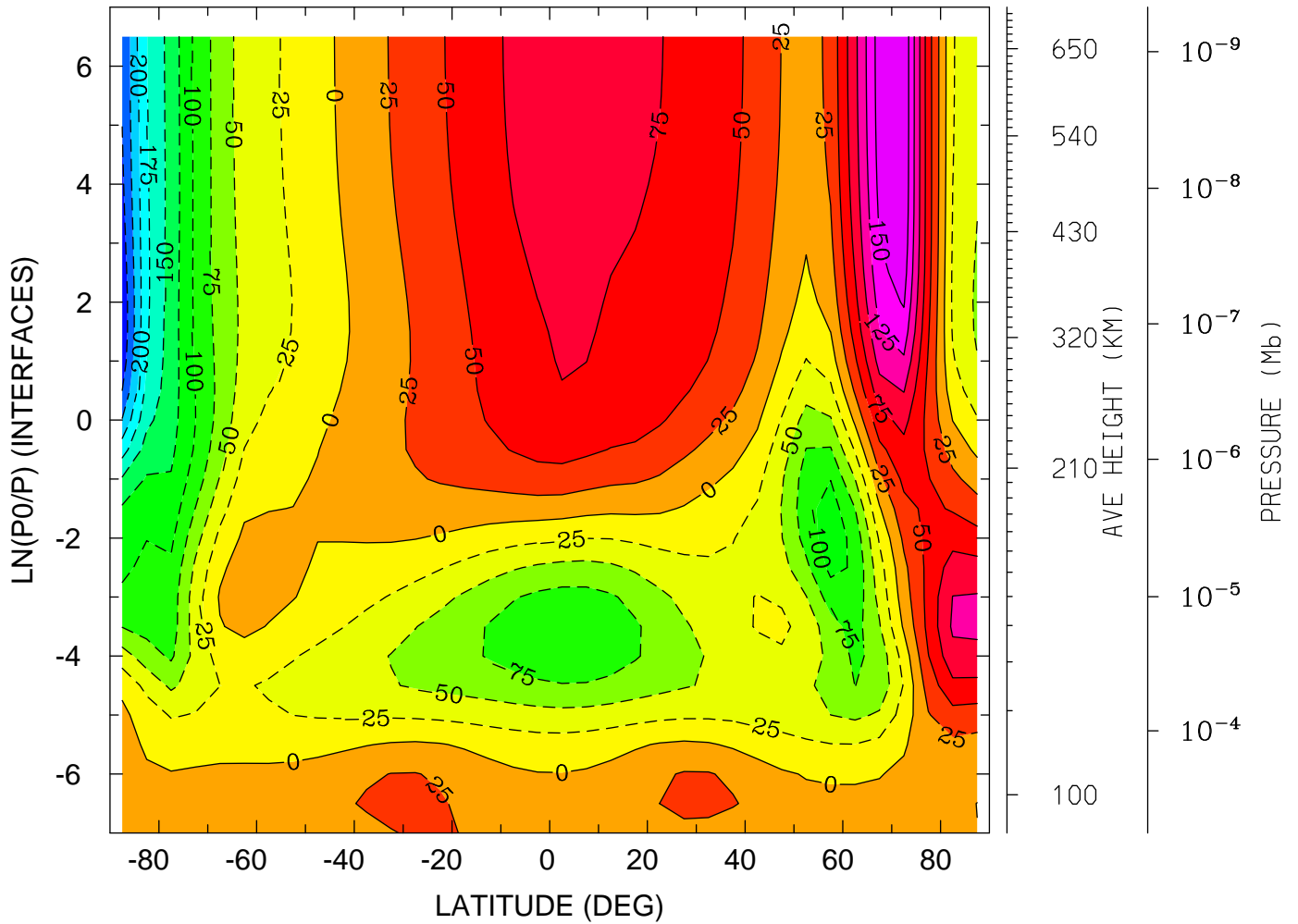
MIN,MAX= 1.6670E+02 1.3927E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



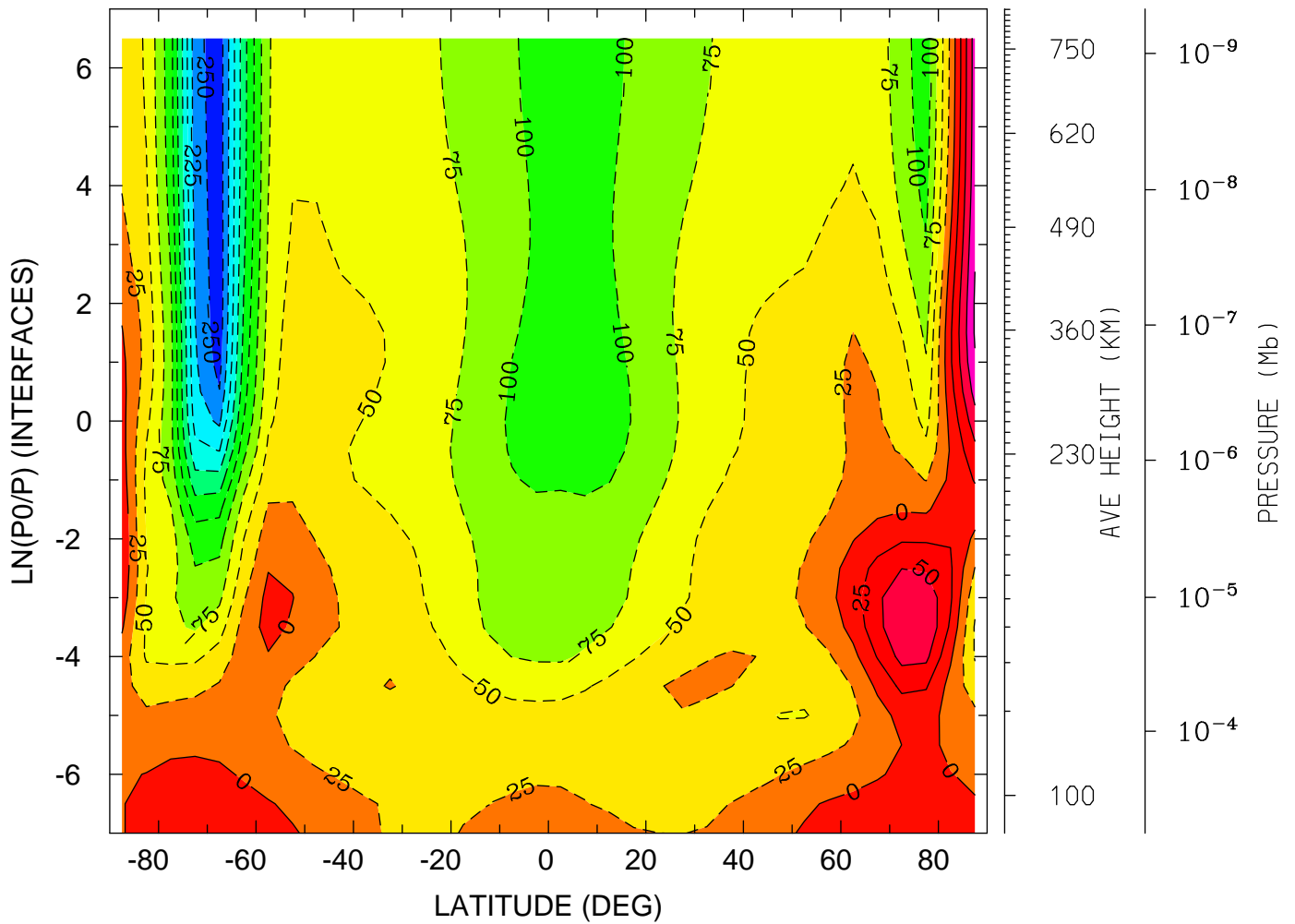
MIN,MAX= -1.9581E+02 6.4416E+01 INTERVAL= 2.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



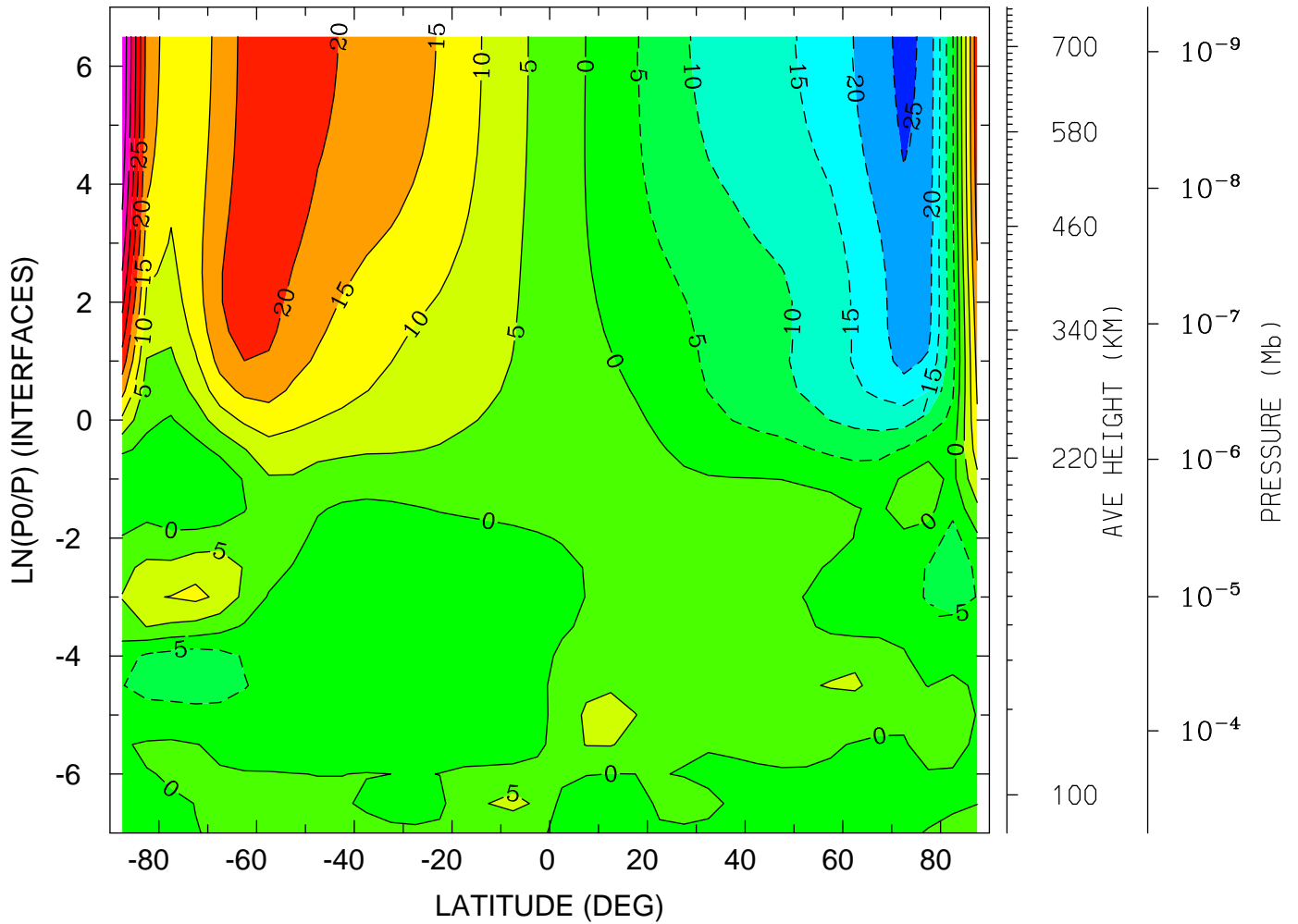
MIN,MAX= -2.6962E+02 1.7190E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= -2.6687E+02 1.0298E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

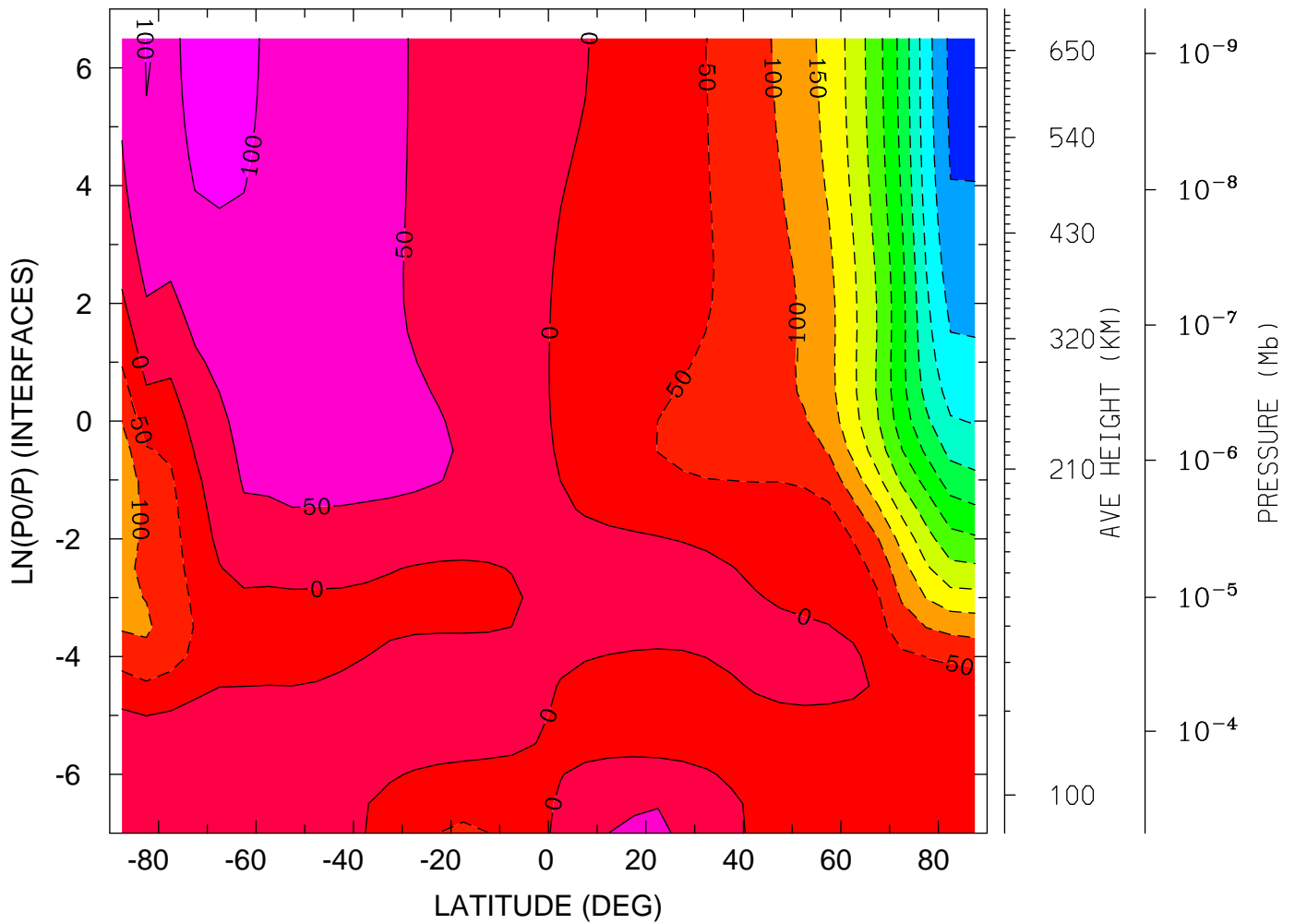
NEUTRAL MERIDIONAL WIND (M/S)  
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= -2.6512E+01 4.4414E+01 INTERVAL= 5.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

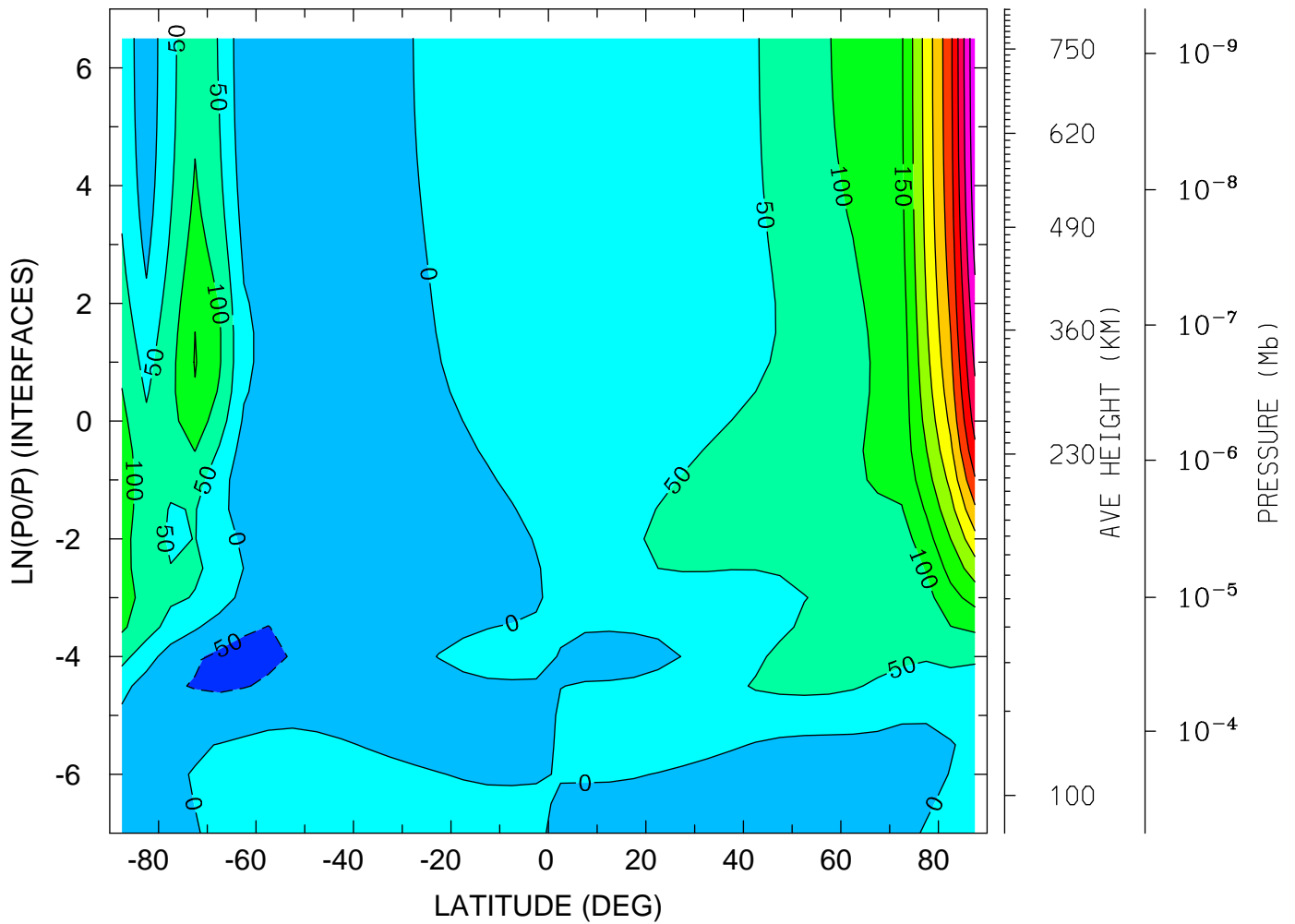


NEUTRAL MERIDIONAL WIND (M/S)  
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



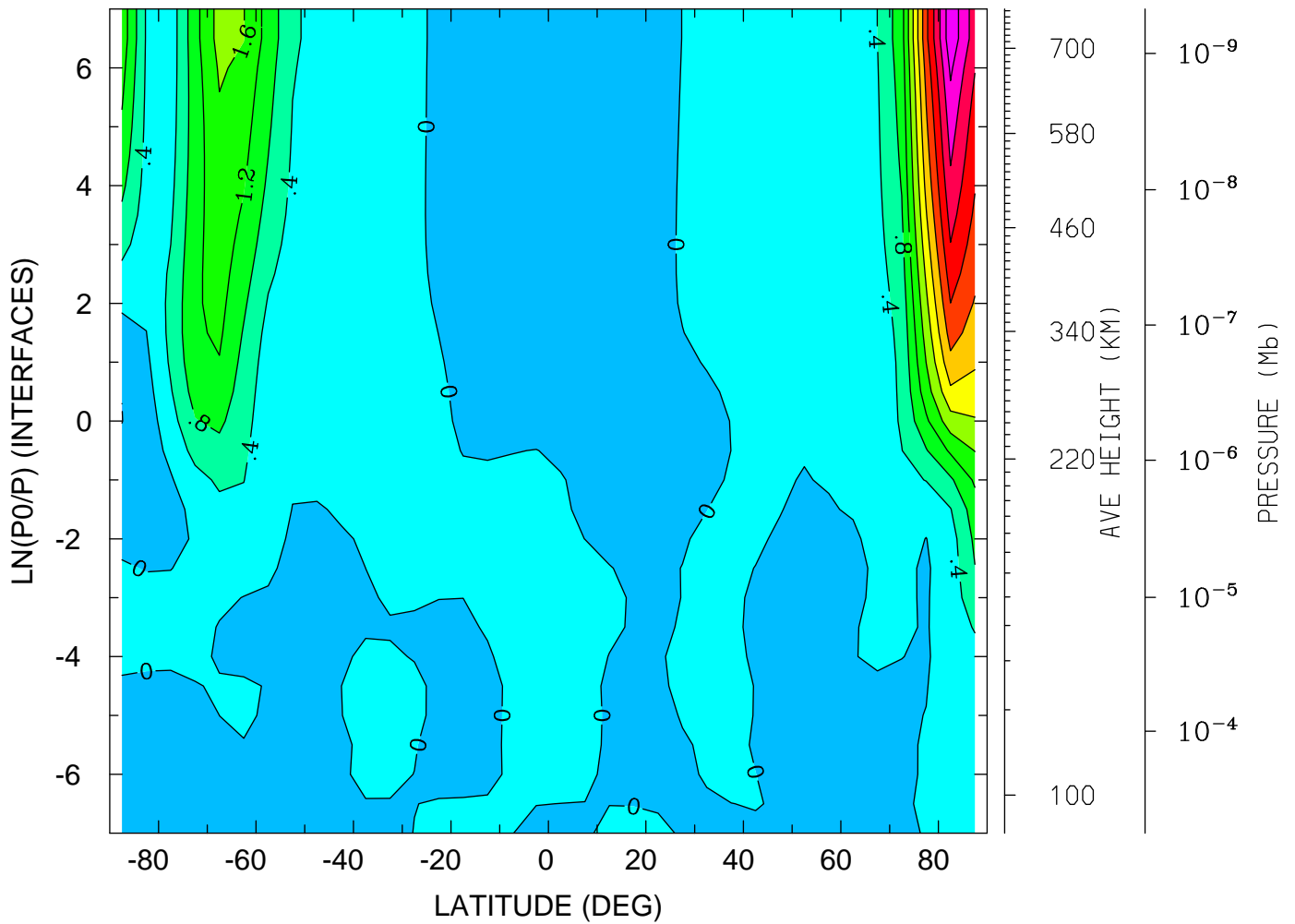
MIN,MAX= -5.6123E+02 1.1199E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



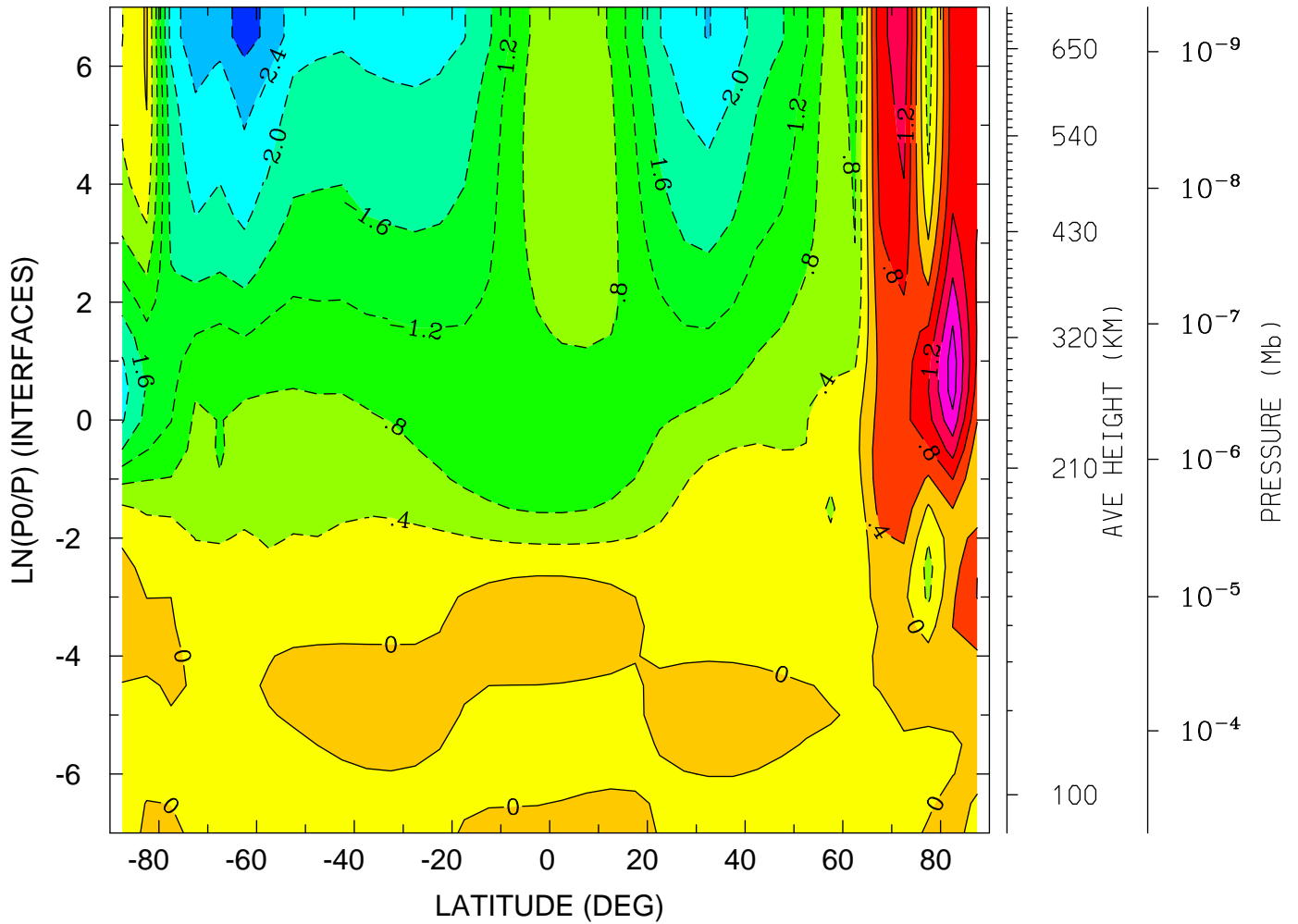
MIN,MAX= -6.4938E+01 5.9080E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



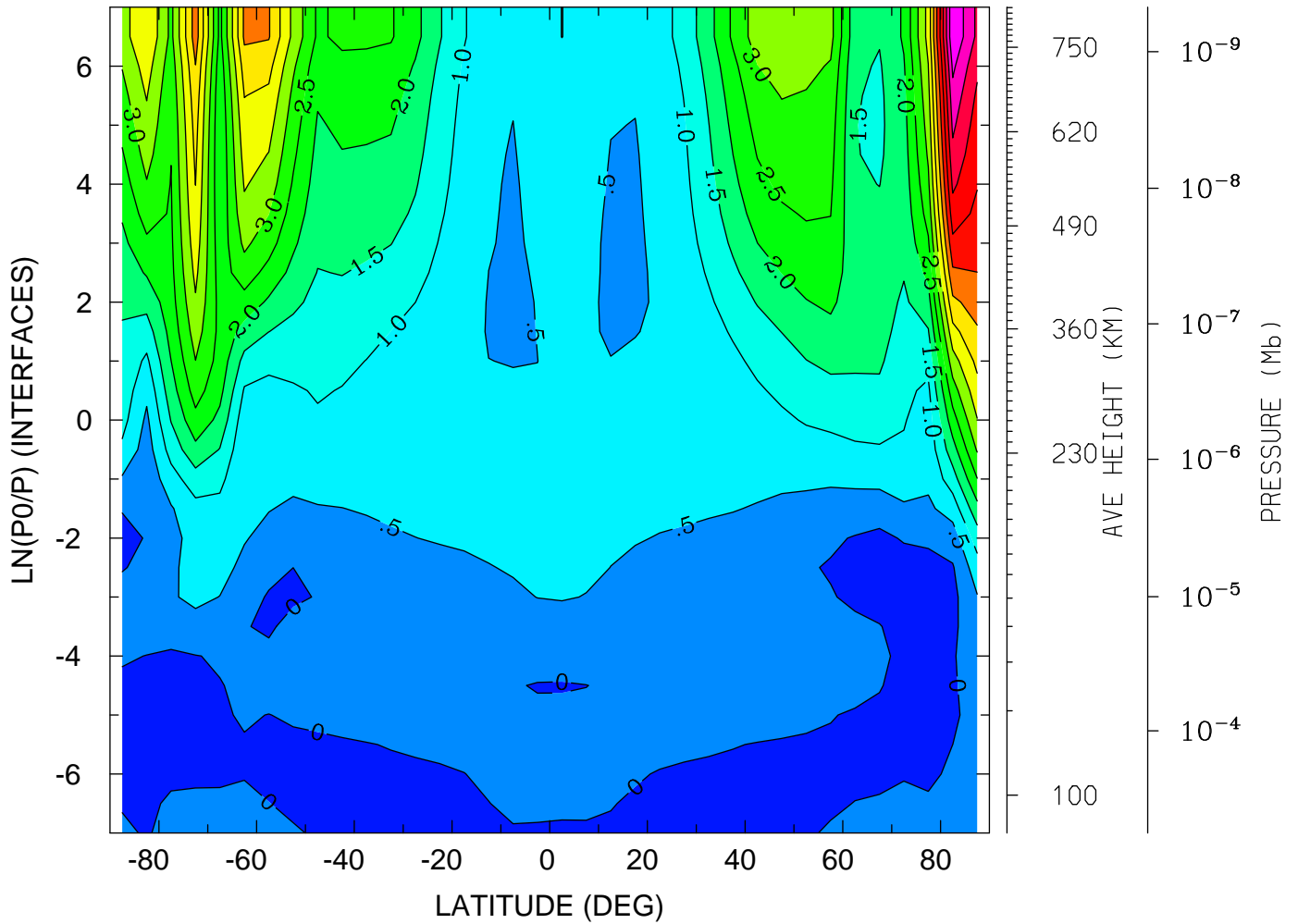
MIN,MAX= -4.0538E-01 4.6922E+00 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



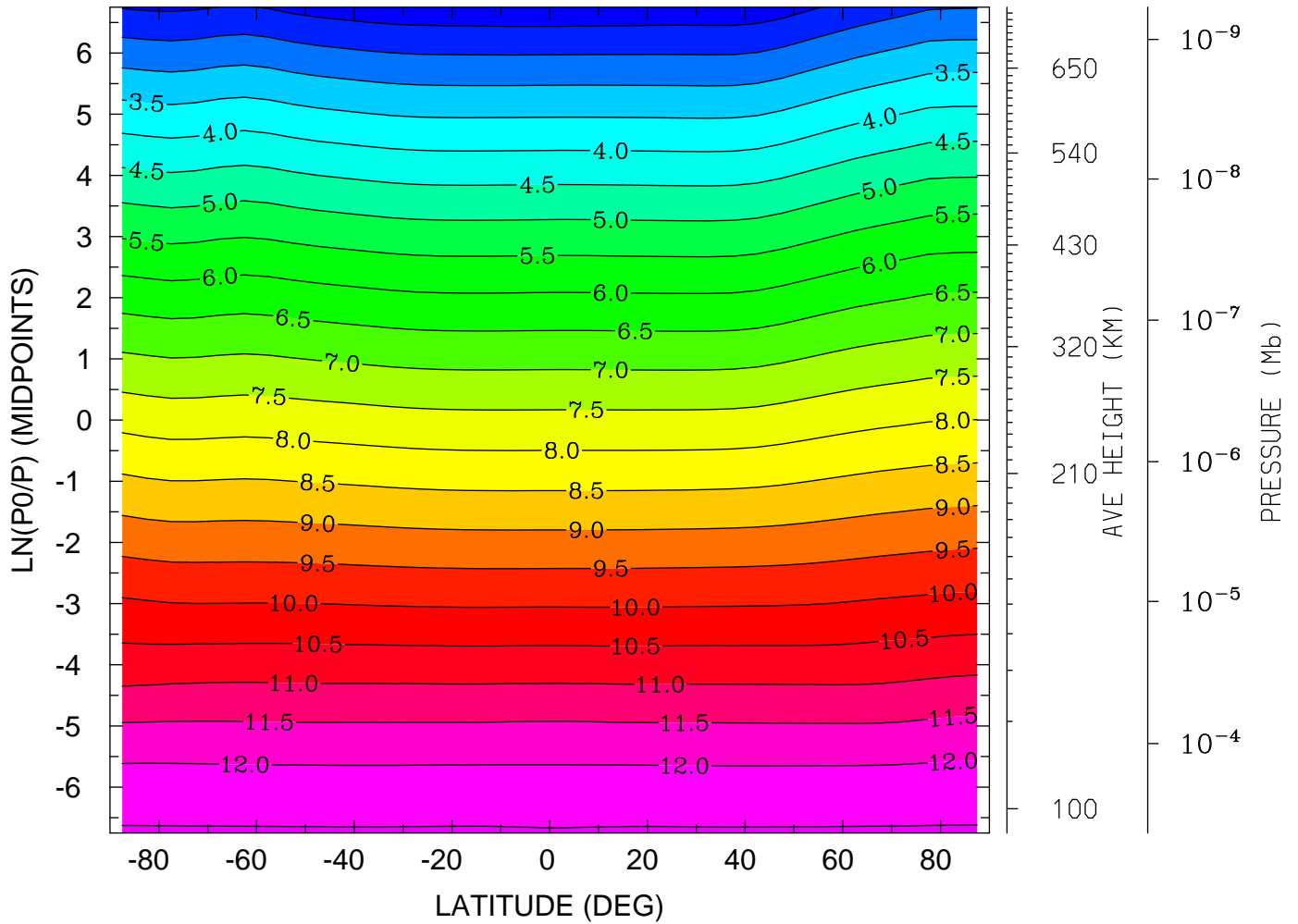
MIN,MAX= -3.0012E+00 2.2174E+00 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



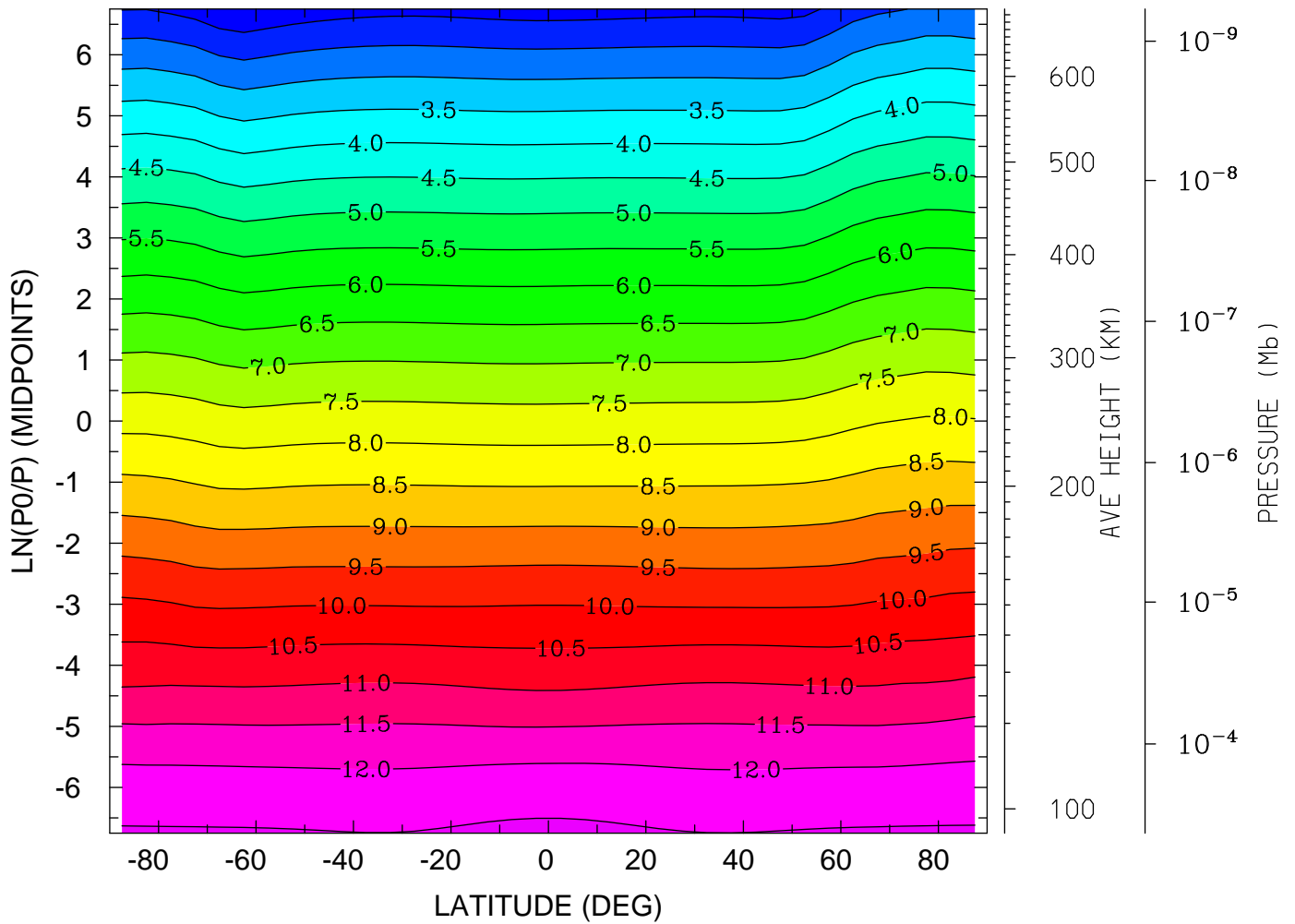
MIN,MAX= -3.4082E-01 7.4702E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



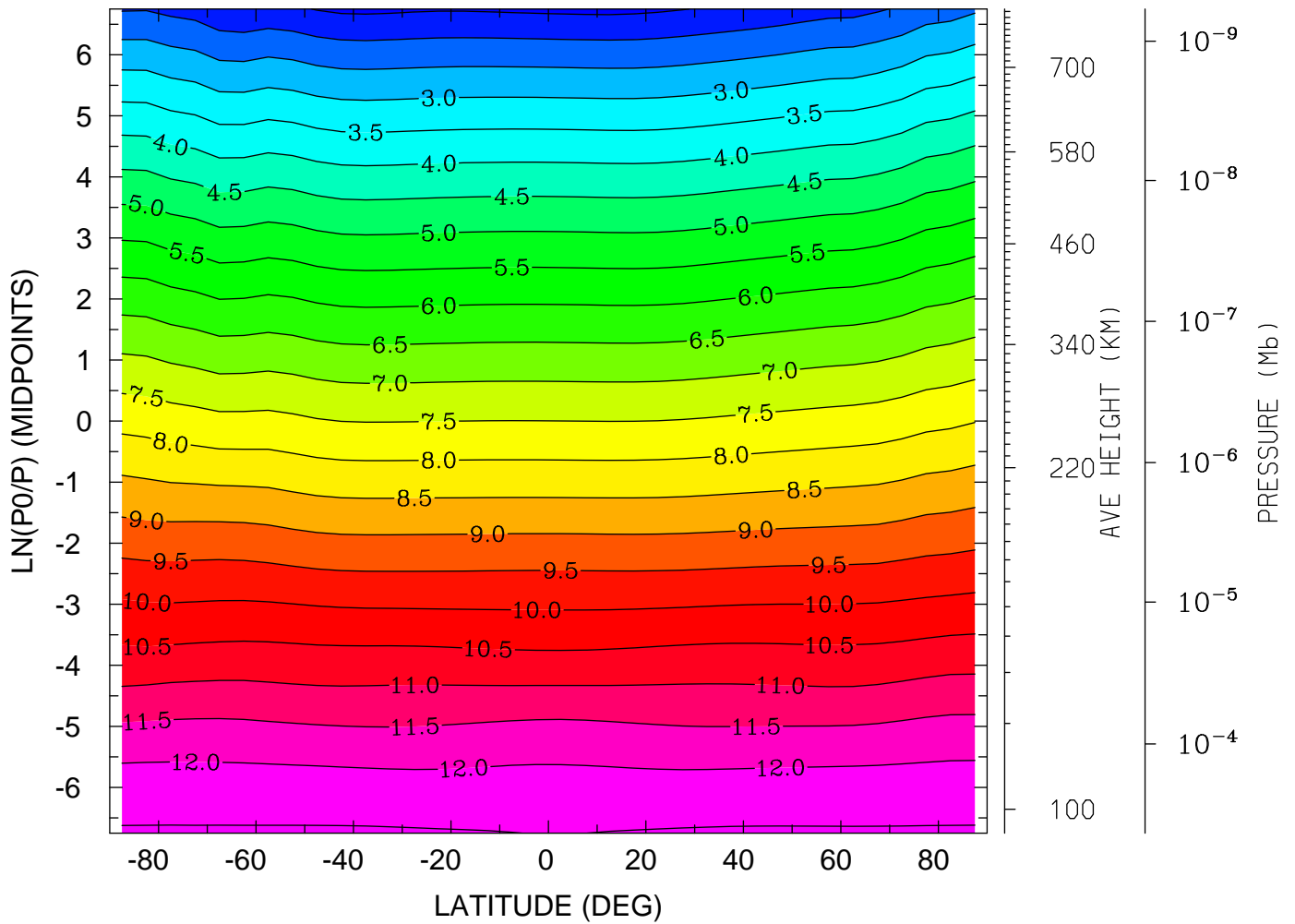
MIN,MAX= 1.6422E+00 1.2550E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 1.5393E+00 1.2604E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

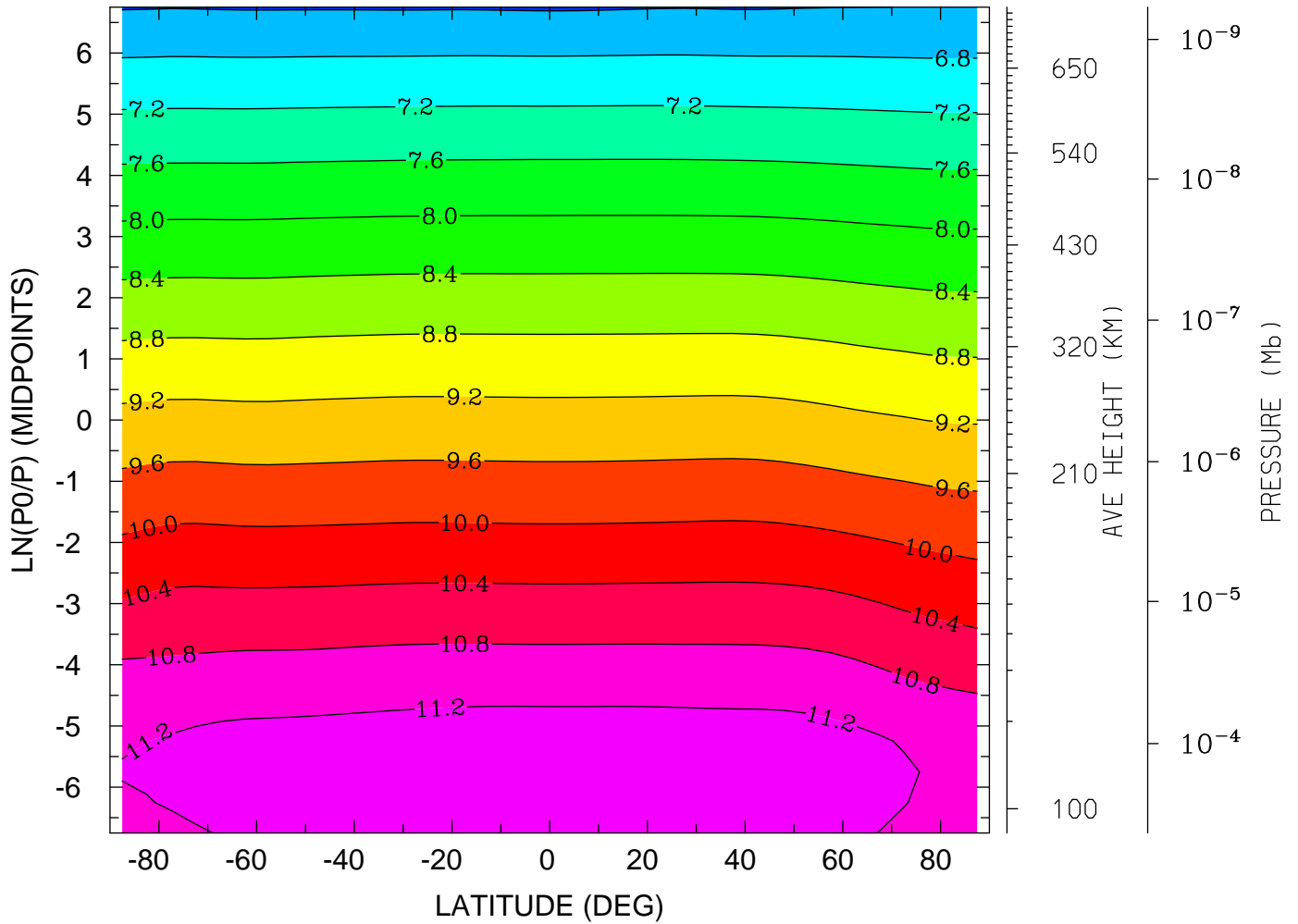
LOG10 MOLECULAR OXYGEN (CM3)  
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= 1.3894E+00 1.2552E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

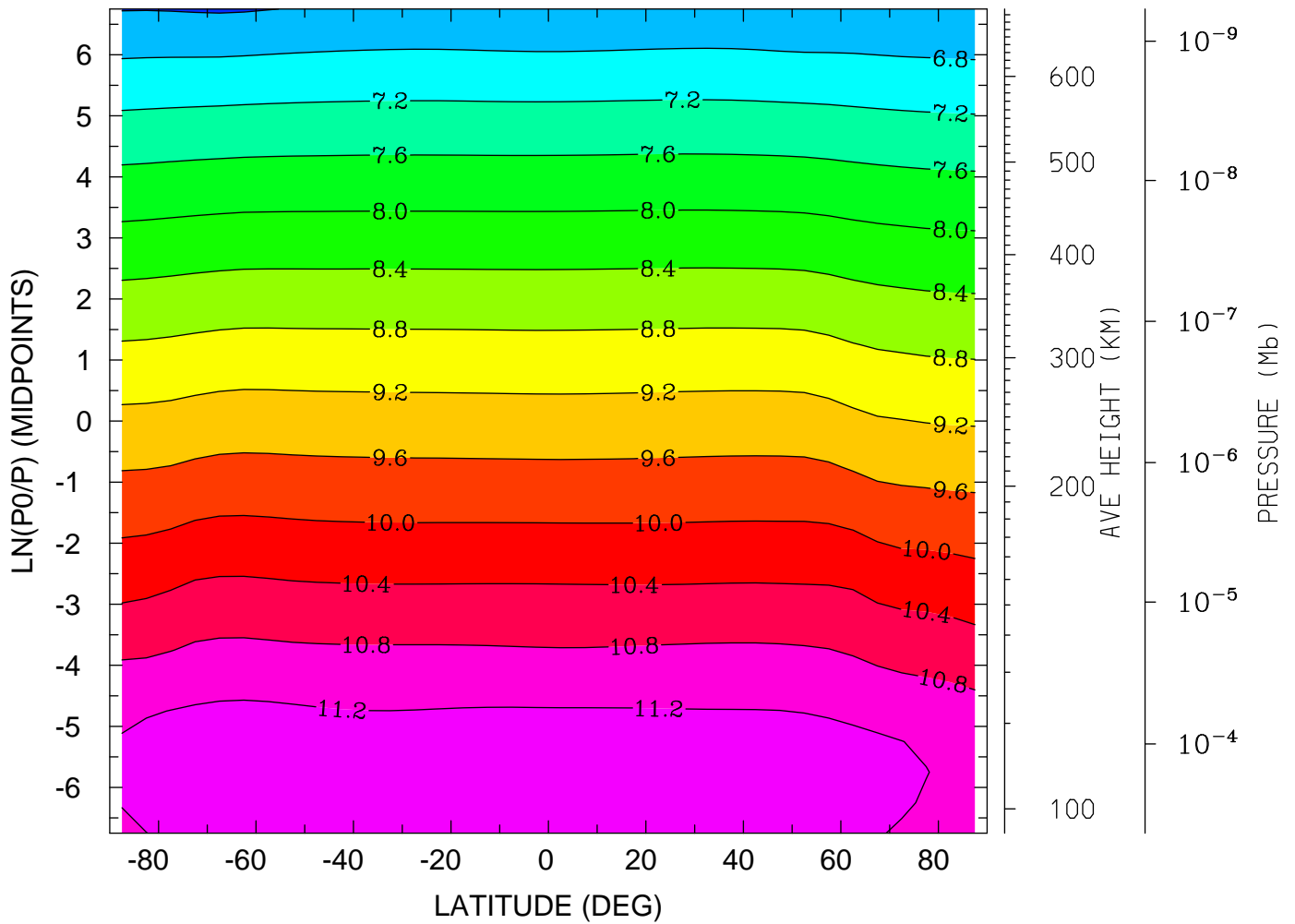


LOG10 ATOMIC OXYGEN (CM3)  
YEAR 2002 UT= 0.00 ZONAL MEANS



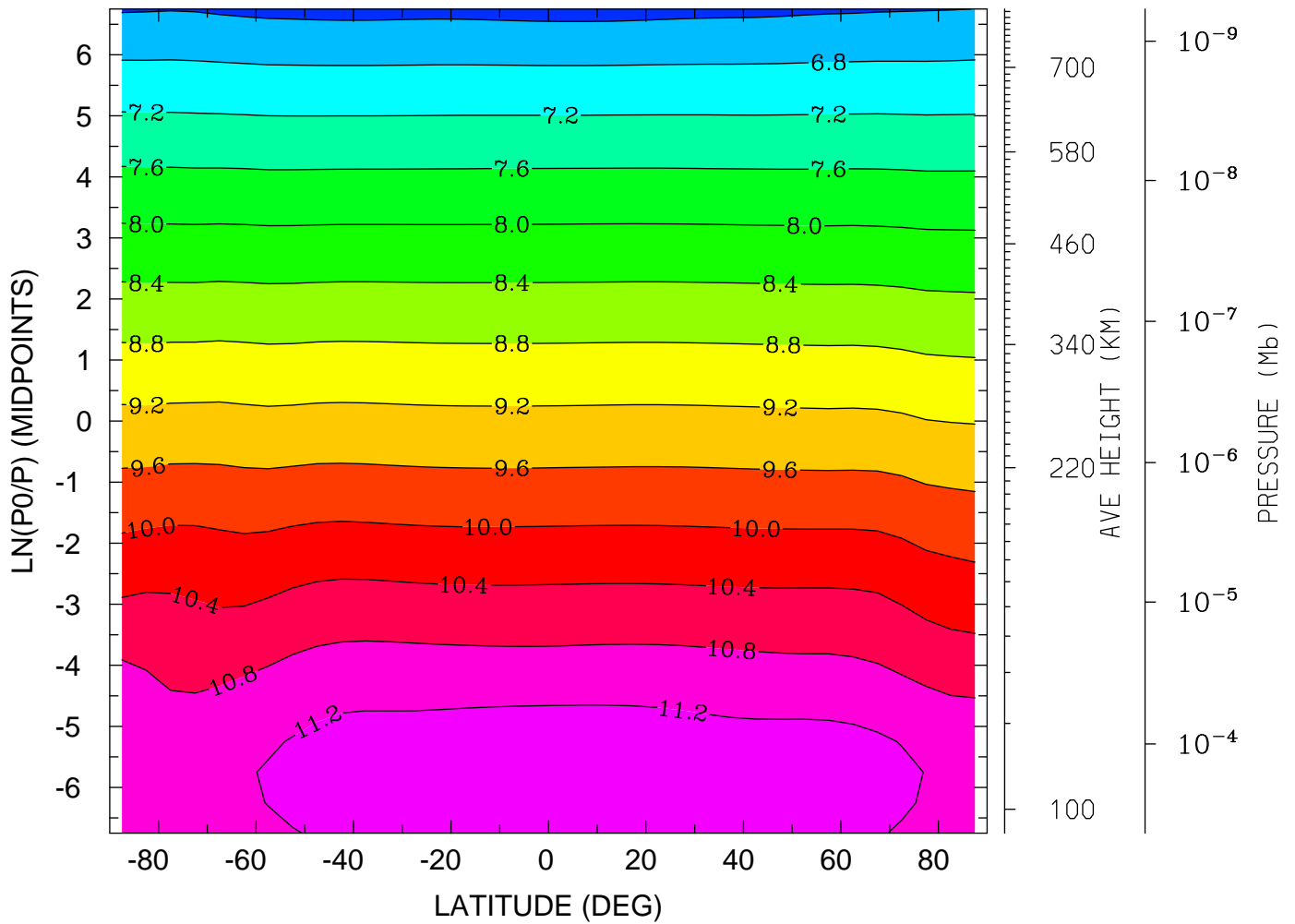
MIN,MAX= 6.3665E+00 1.1507E+01 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



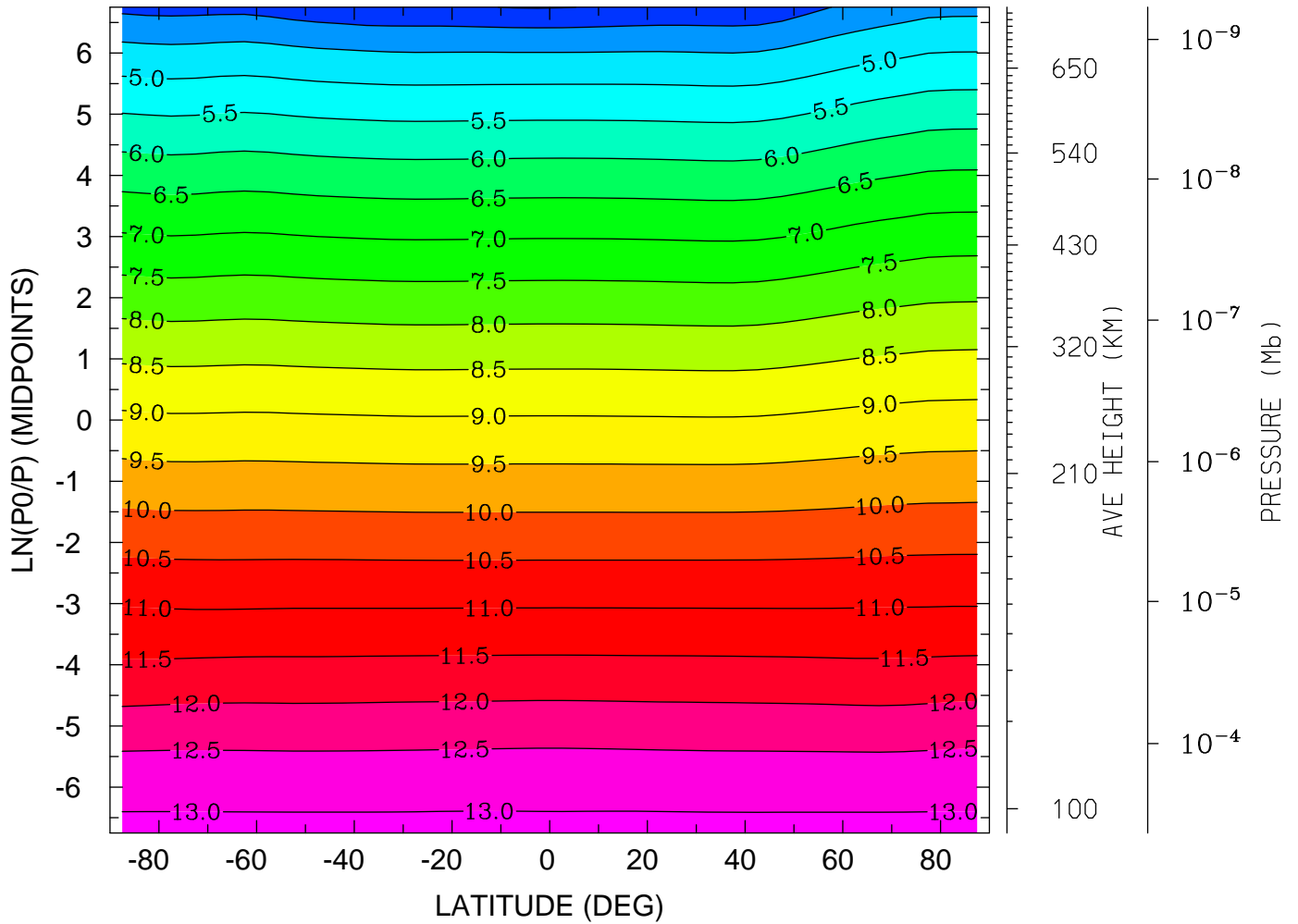
MIN,MAX= 6.3614E+00 1.1503E+01 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



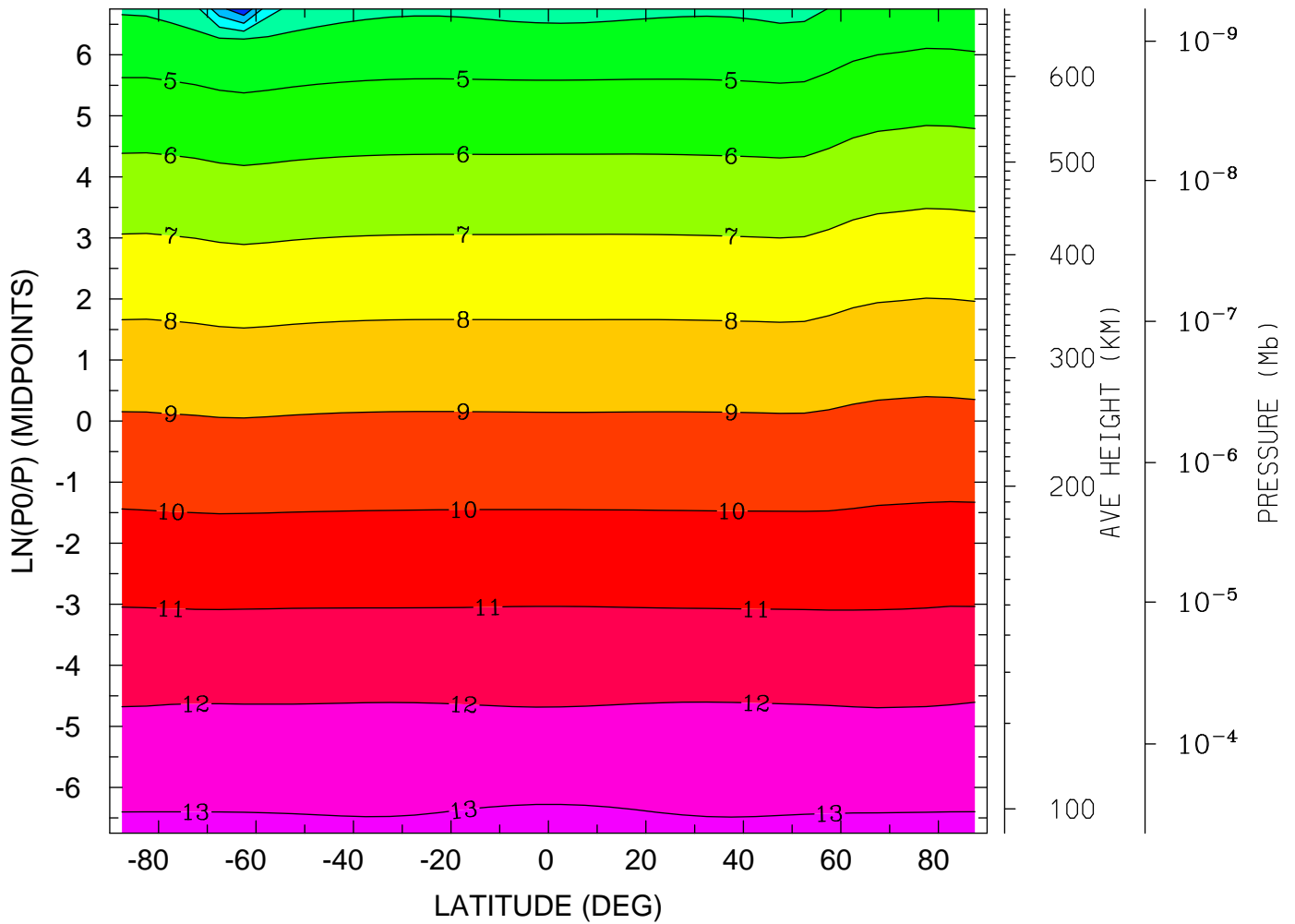
MIN,MAX= 6.2790E+00 1.1562E+01 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



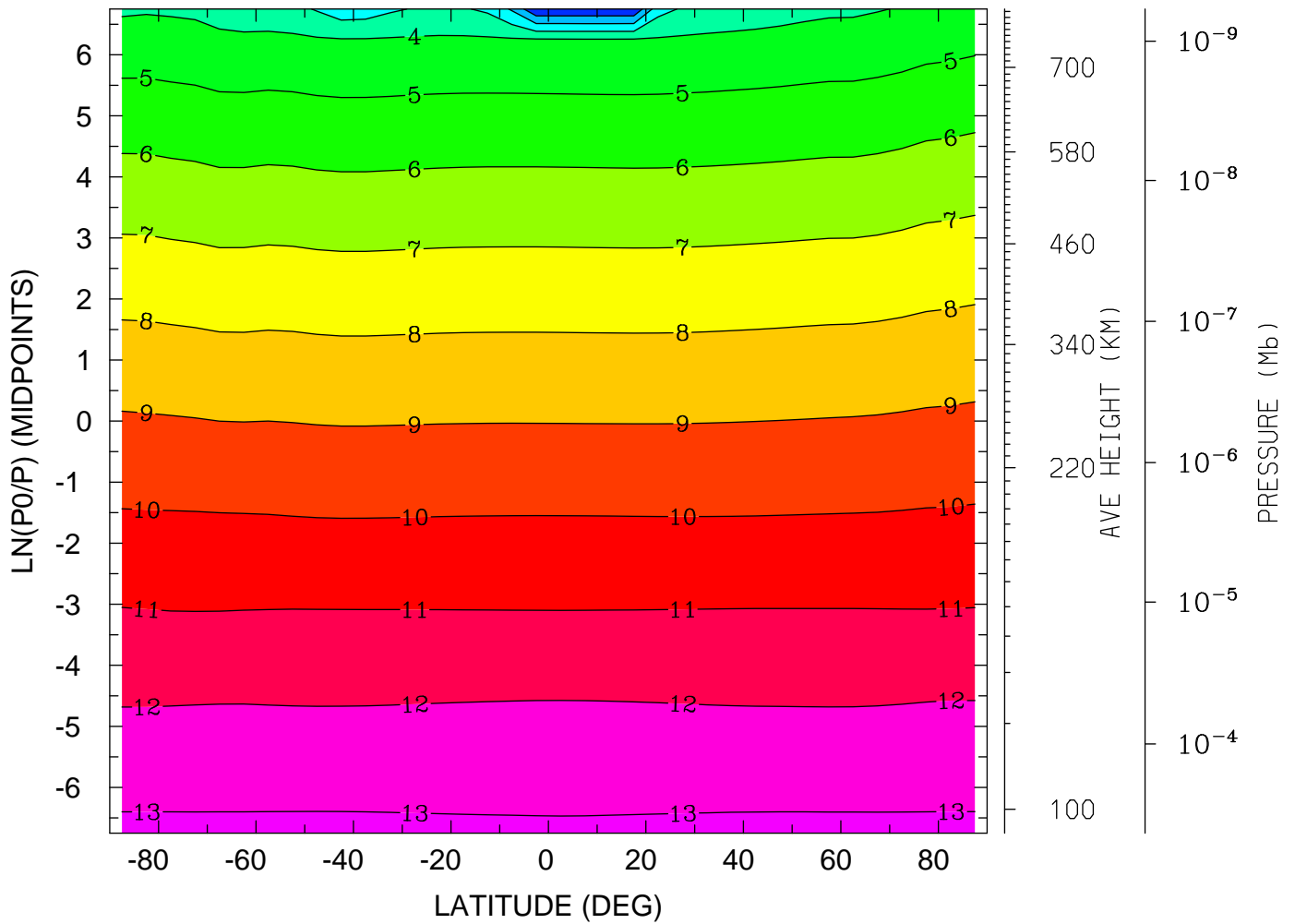
MIN,MAX= 3.4724E+00 1.3129E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



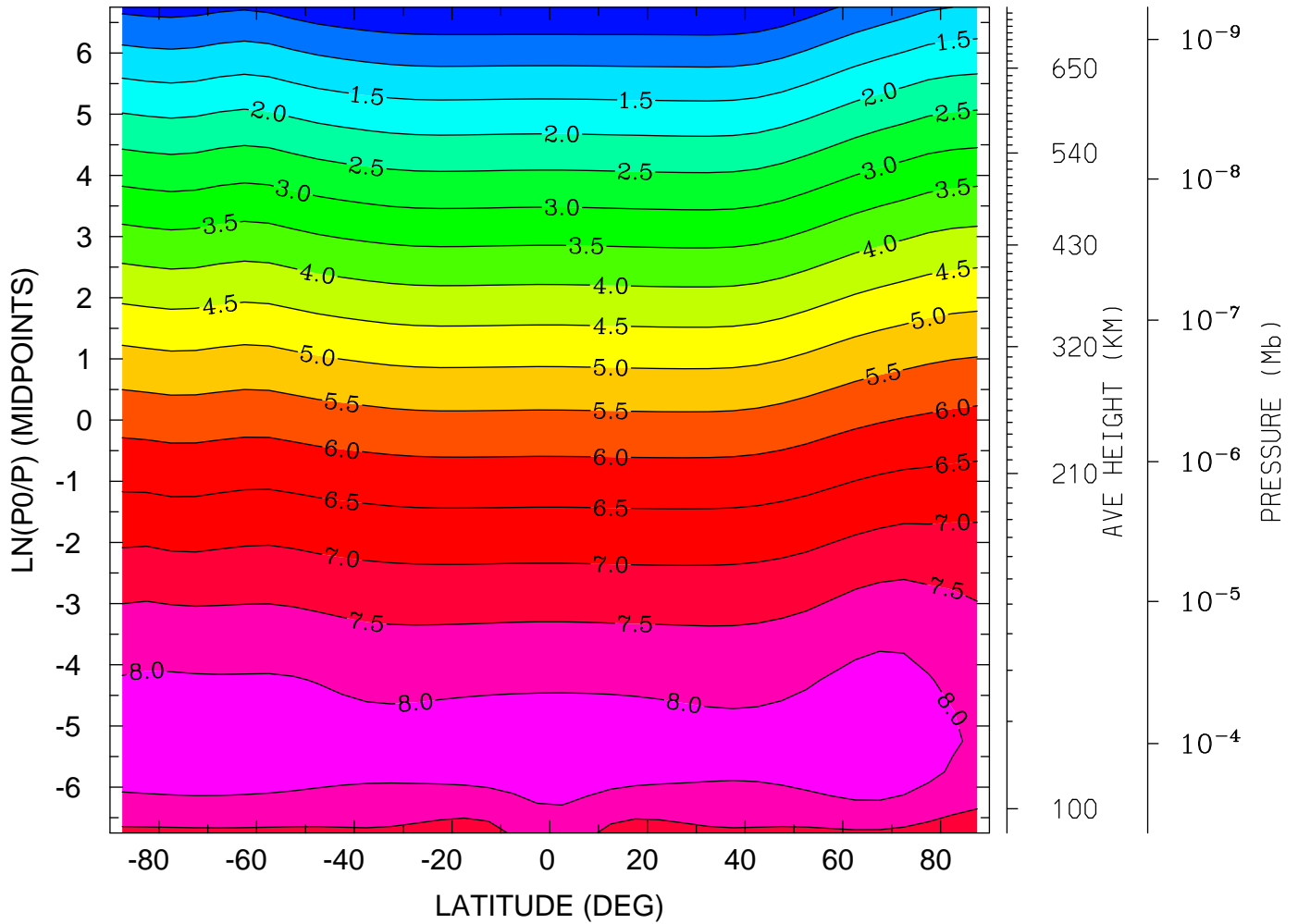
MIN,MAX= 1.9132E-01 1.3187E+01 INTERVAL= 1.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



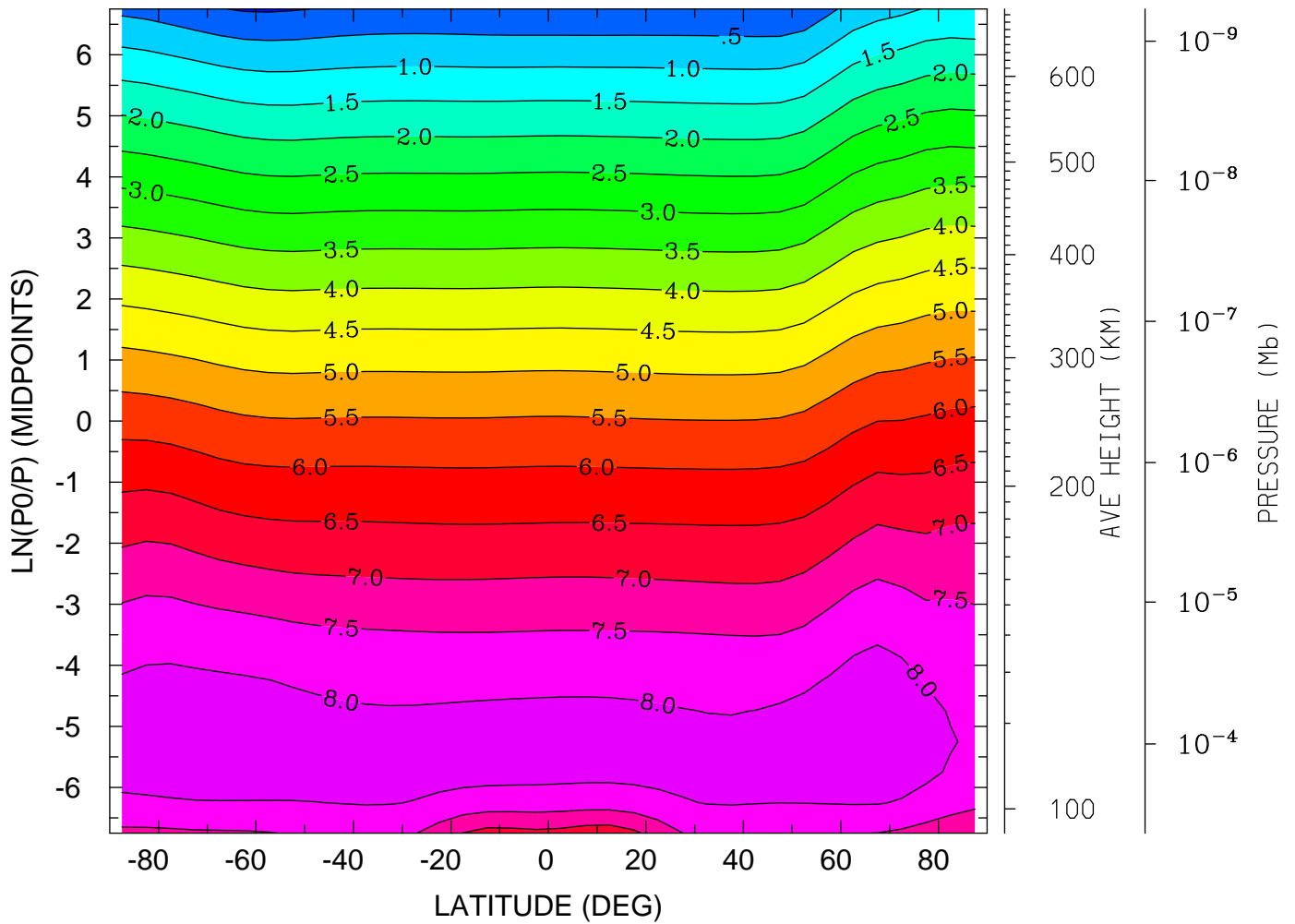
MIN,MAX= 1.0452E-01 1.3135E+01 INTERVAL= 1.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 2.8626E-02 8.3106E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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

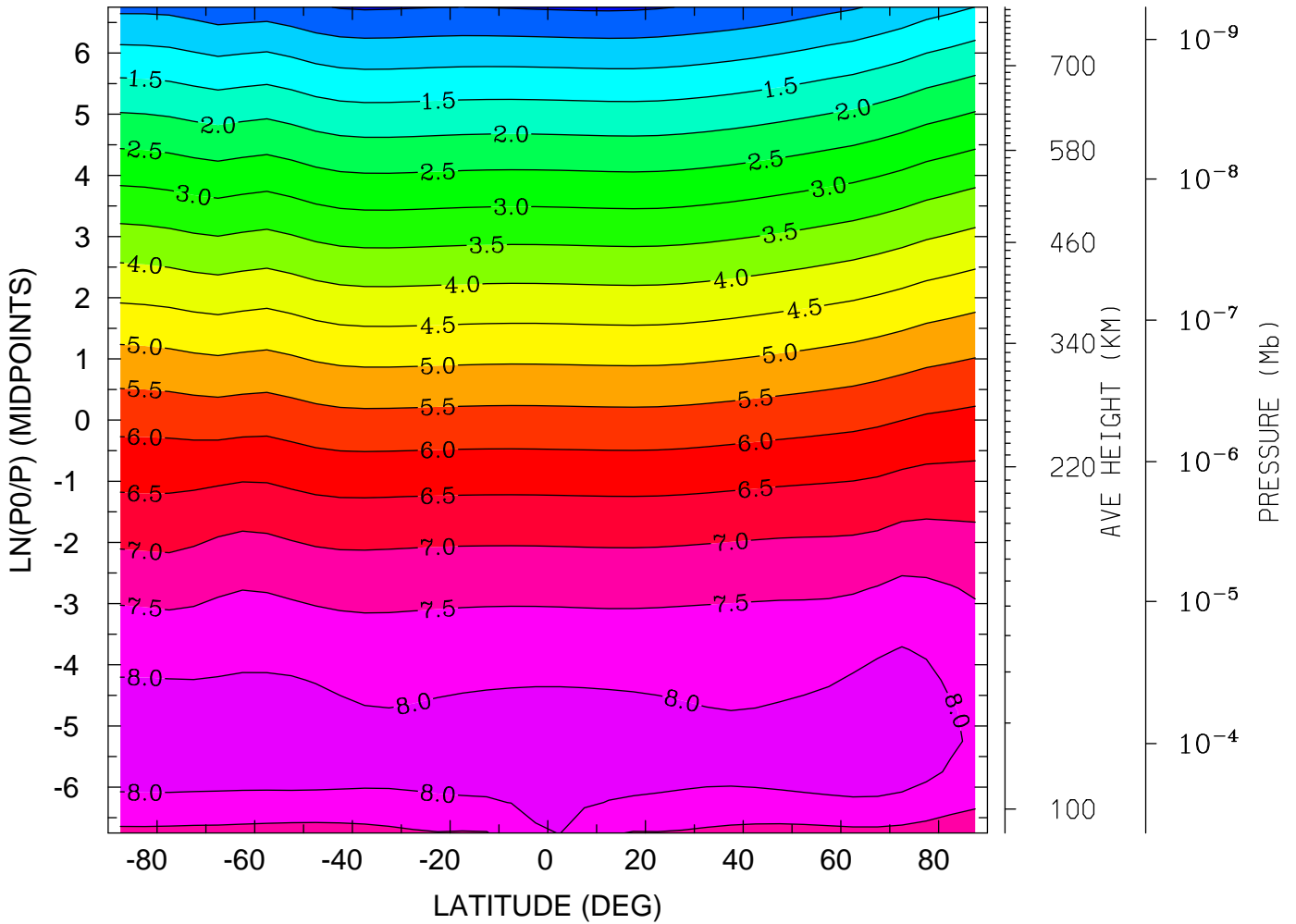


MIN,MAX= -5.4224E-02 8.3472E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc



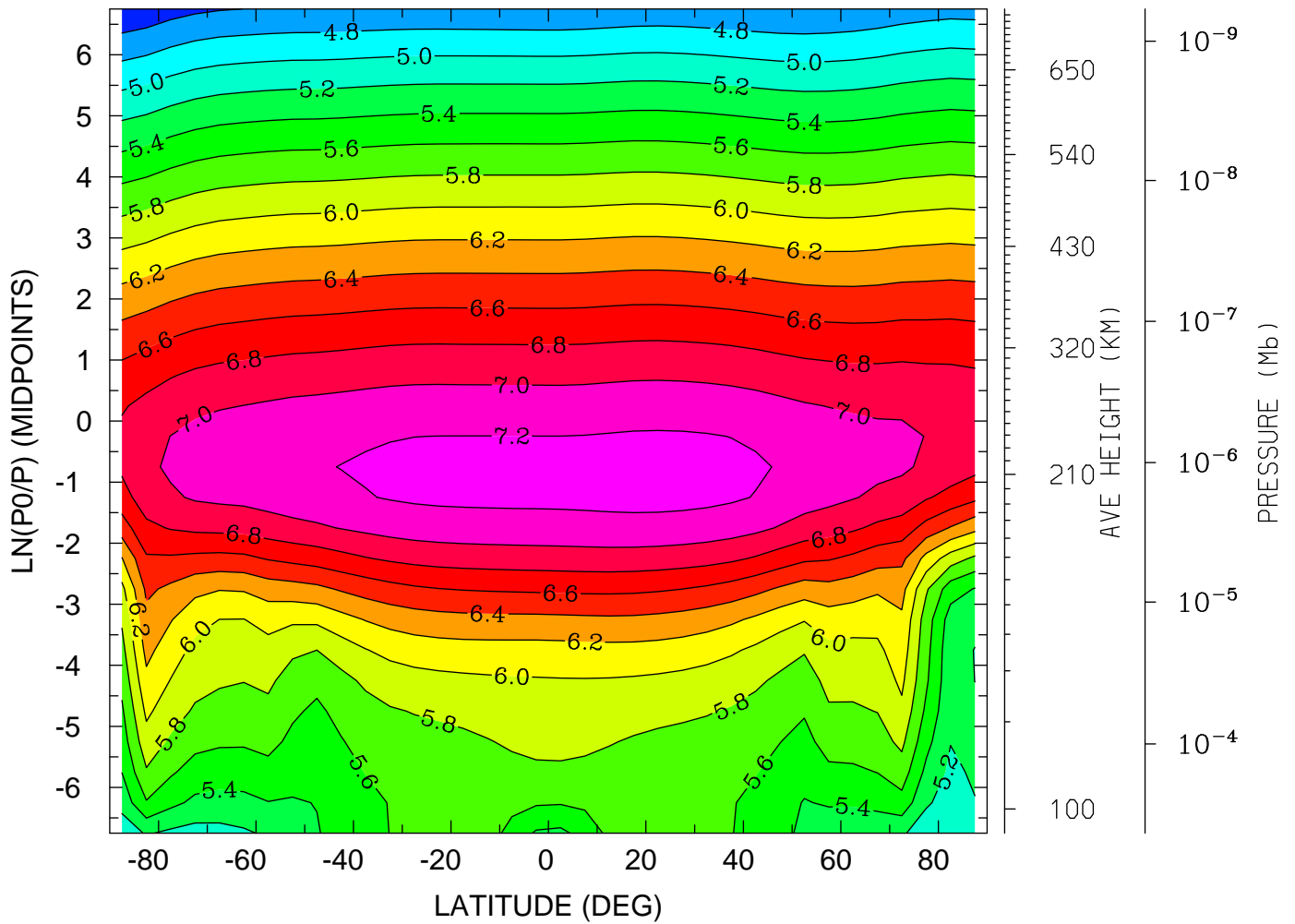
LOG10 NITRIC OXIDE (CM3)

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



MIN,MAX= -6.8320E-02 8.2853E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

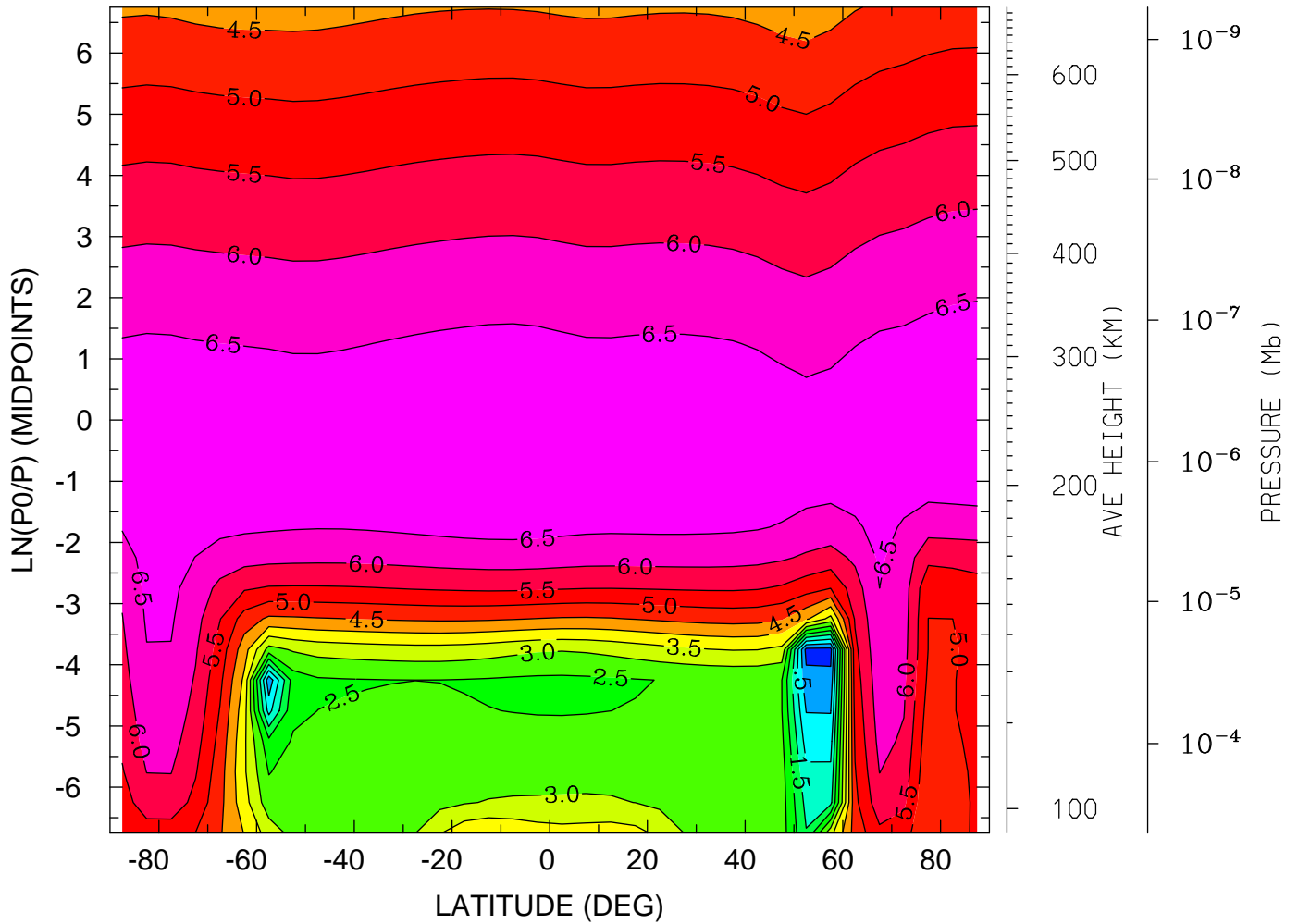
LOG10 N4S (CM3)  
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= 4.4189E+00 7.2785E+00 INTERVAL= 2.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

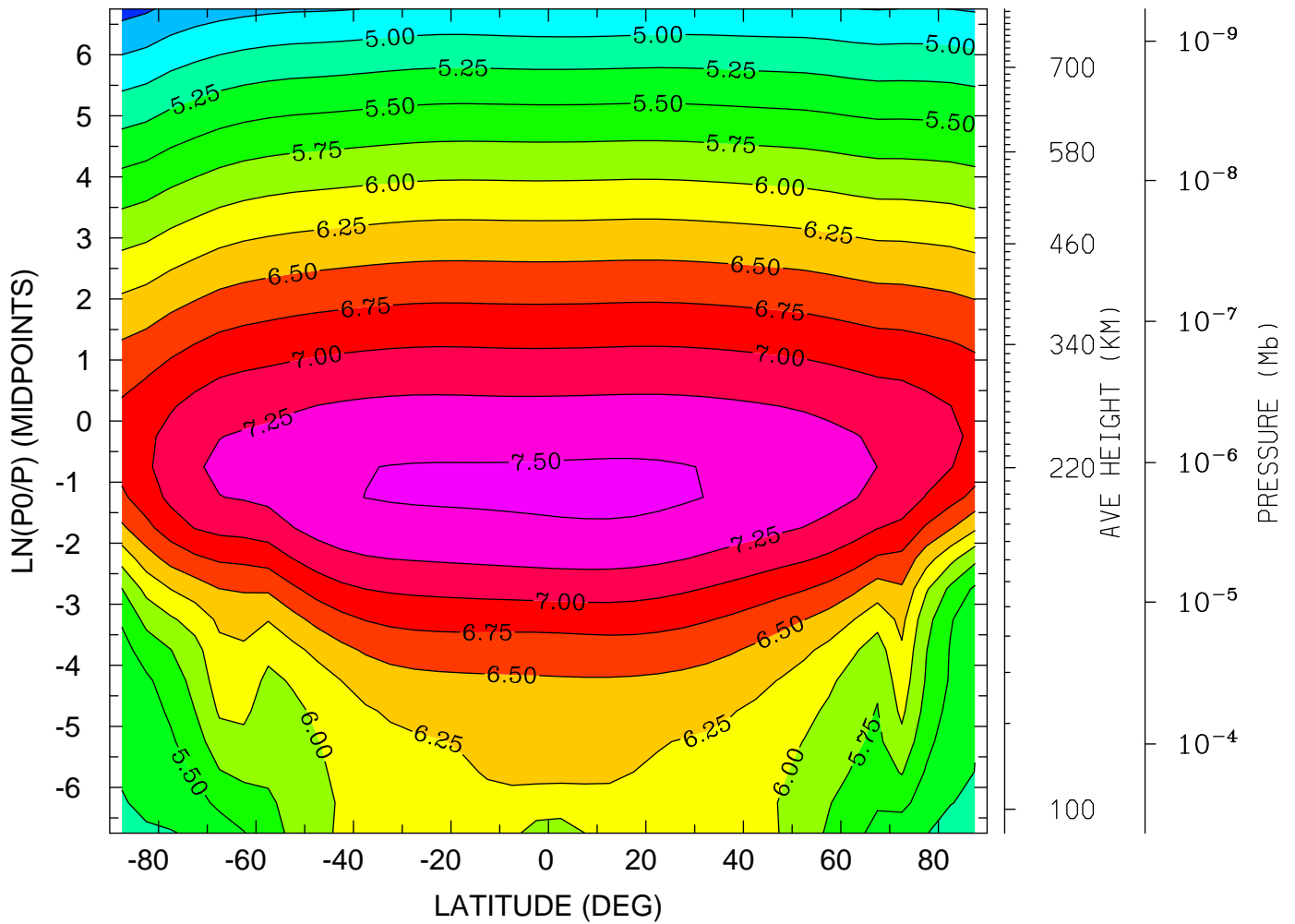
LOG10 N4S (CM3)

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



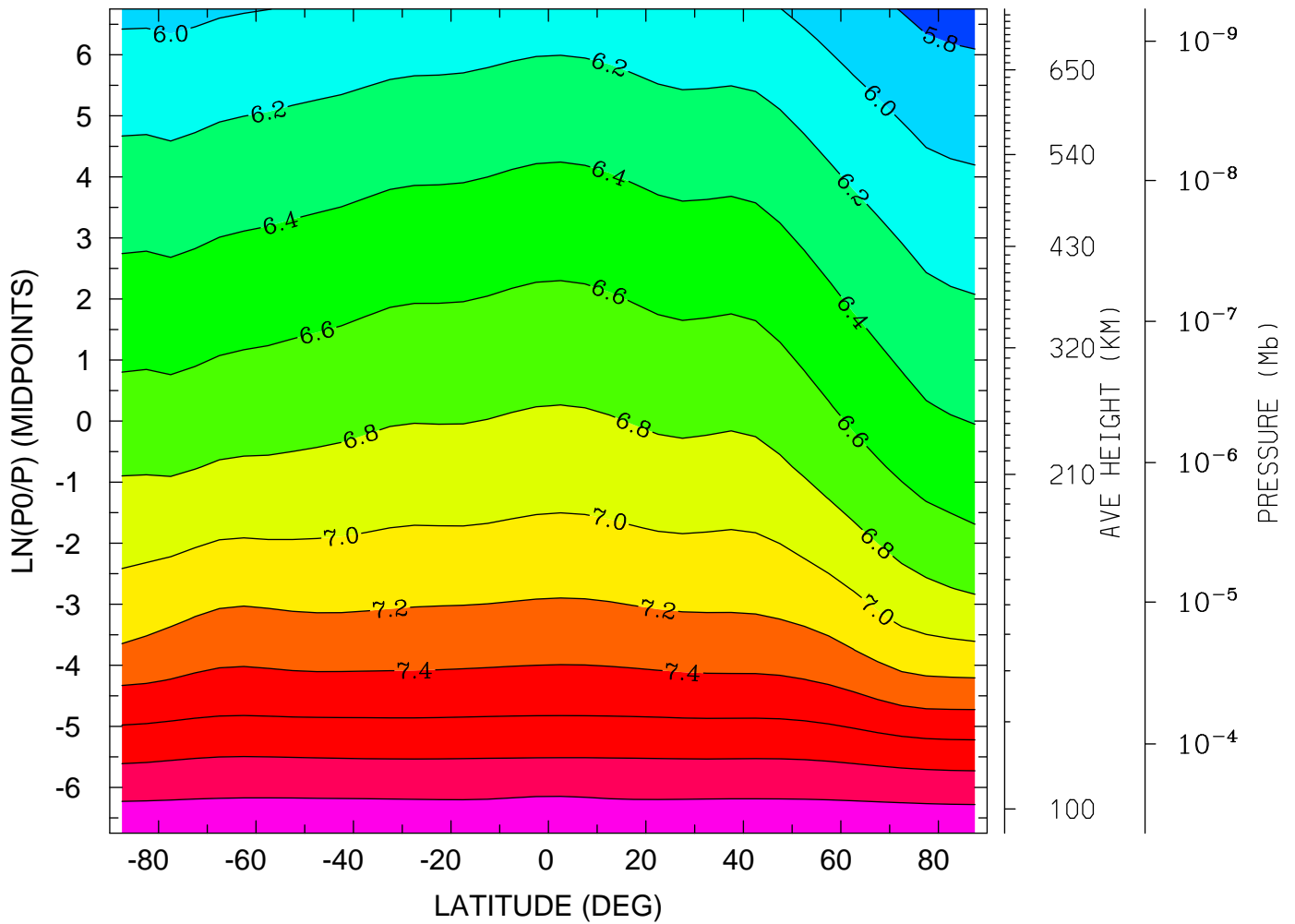
MIN,MAX= -1.7606E-01 6.9448E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



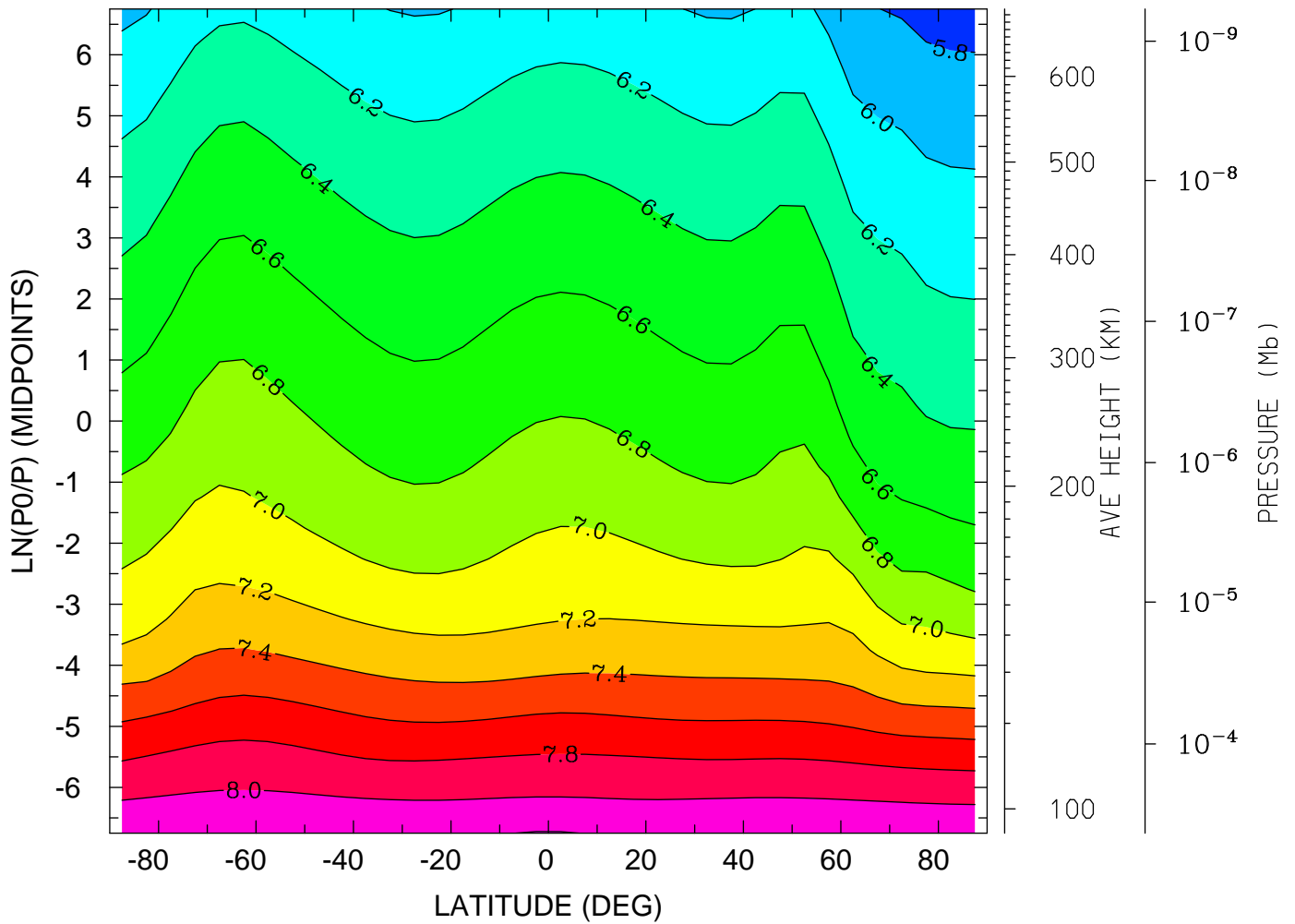
MIN,MAX= 4.4112E+00 7.5471E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



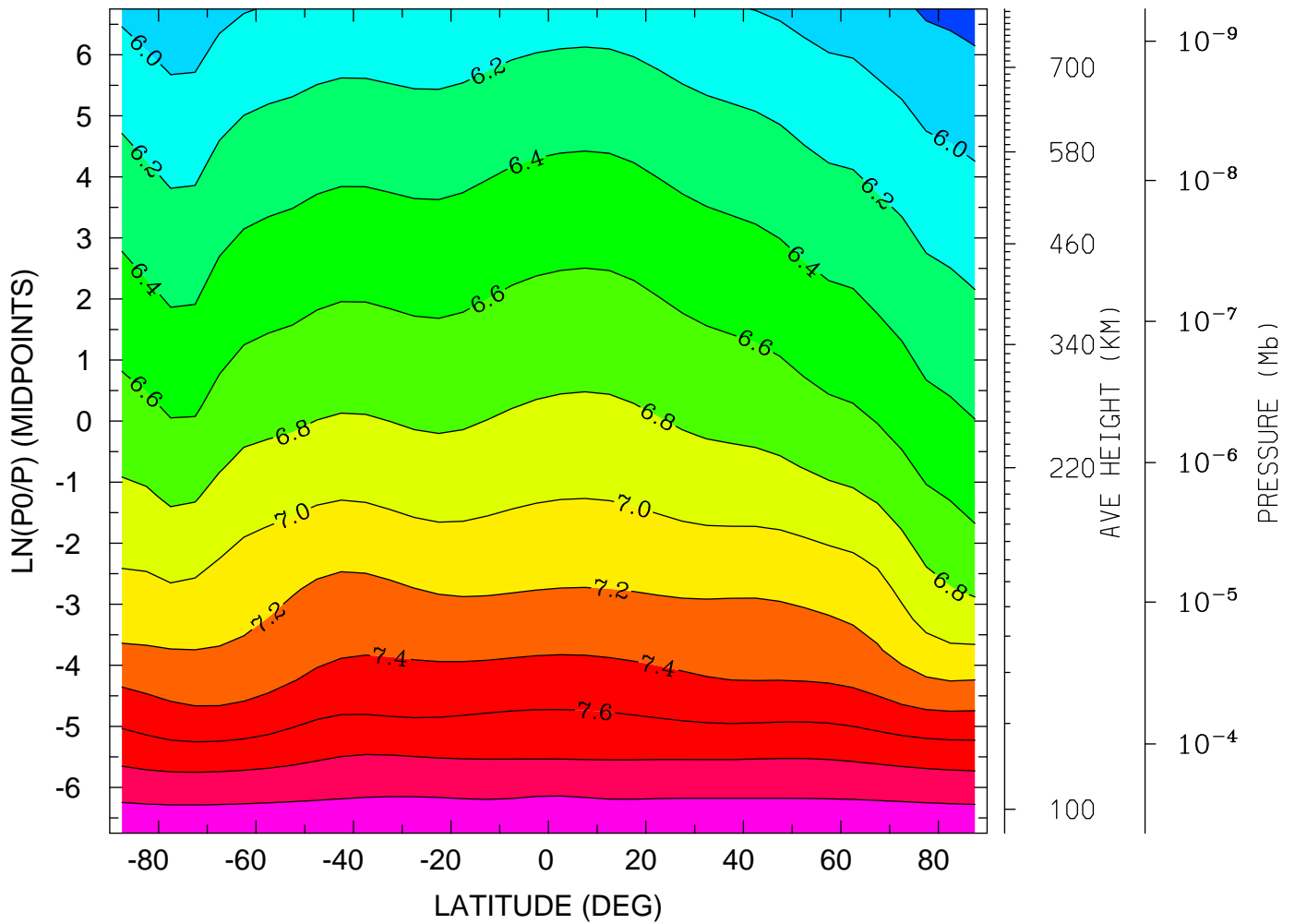
MIN,MAX= 5.7250E+00 8.1744E+00 INTERVAL= 2.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



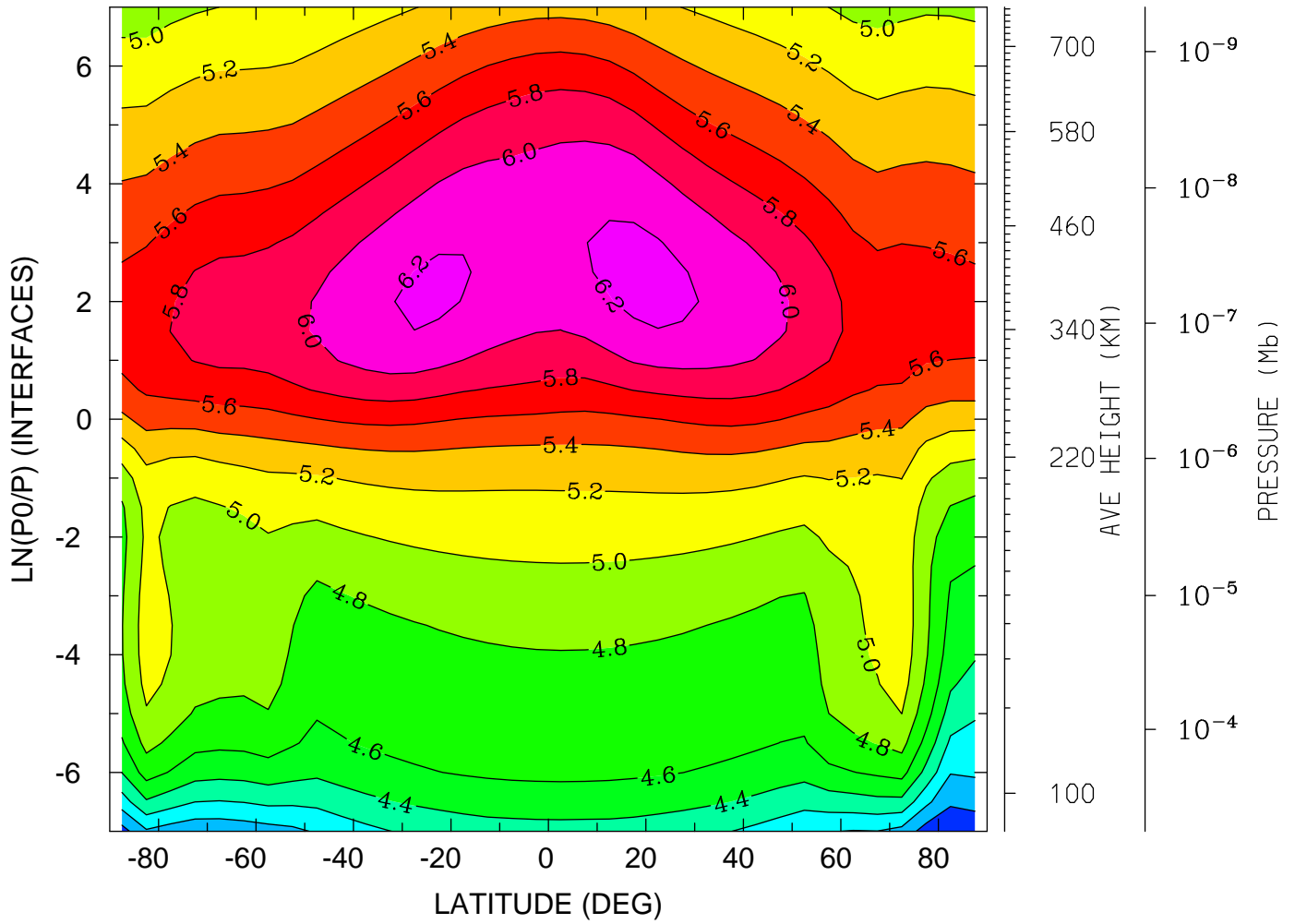
MIN,MAX= 5.7191E+00 8.2098E+00 INTERVAL= 2.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 5.7306E+00 8.1649E+00 INTERVAL= 2.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

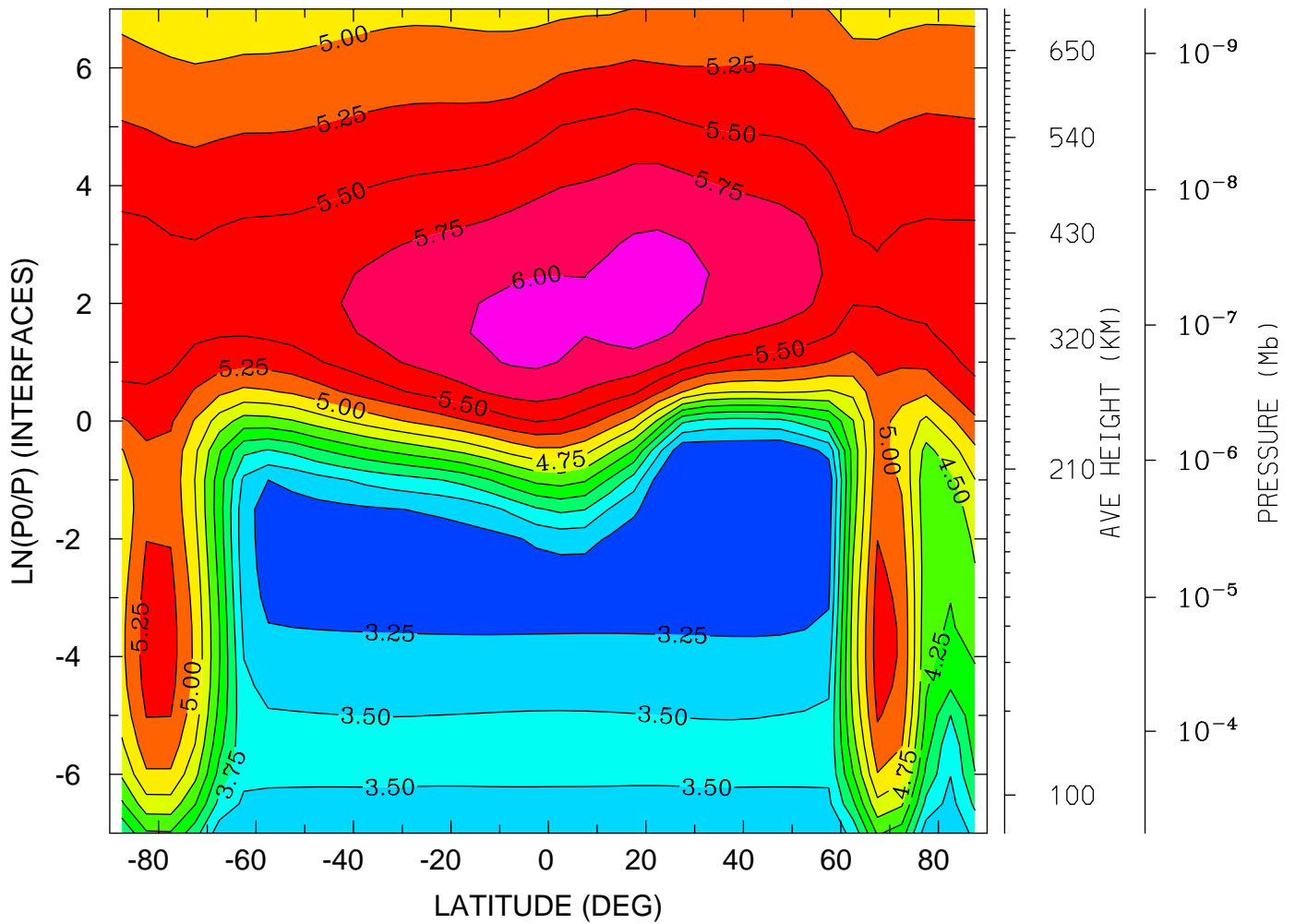
LOG10 ELECTRON DENSITY (CM3)  
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= 3.6314E+00 6.2622E+00 INTERVAL= 2.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

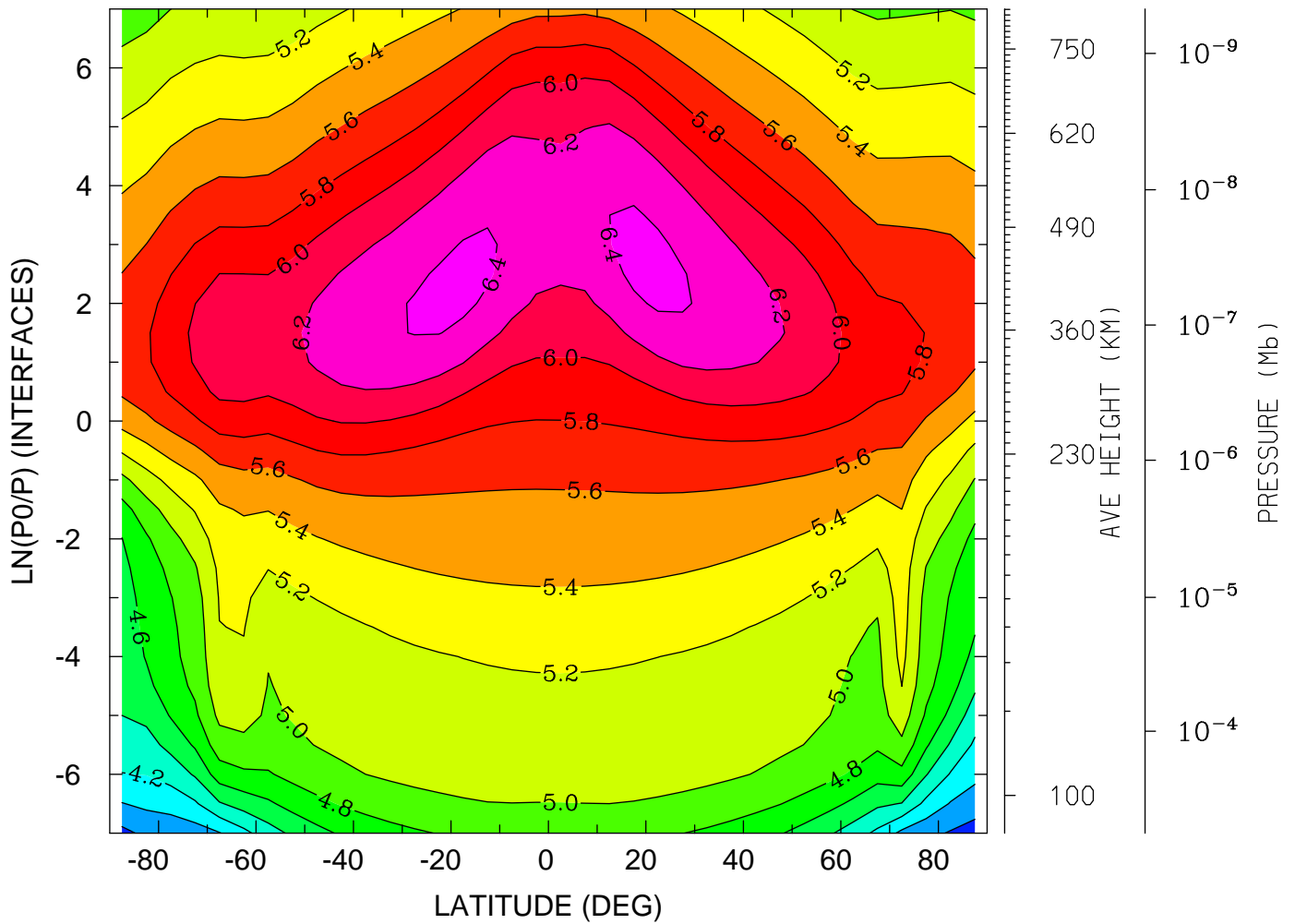


LOG10 ELECTRON DENSITY (CM3)  
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



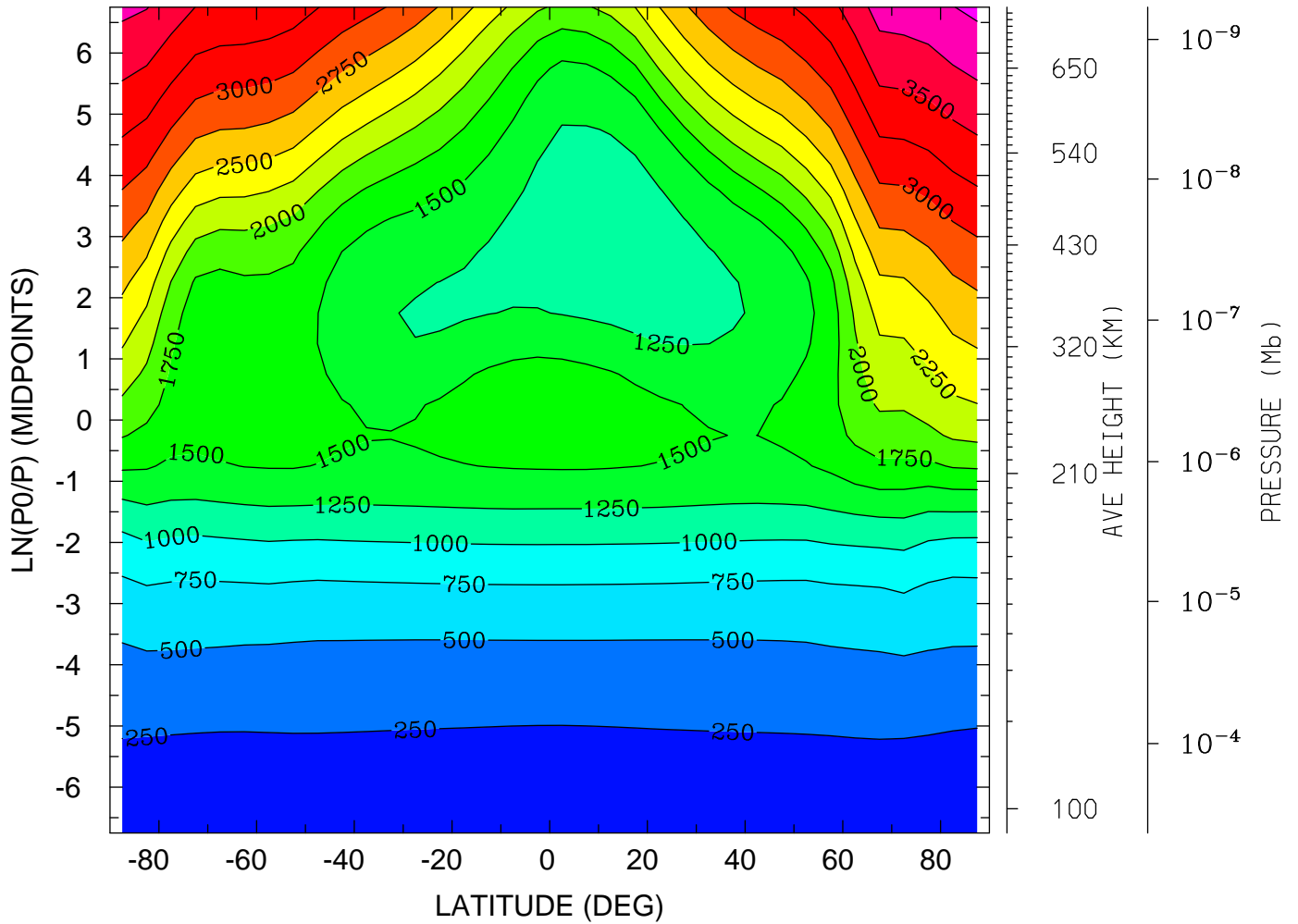
MIN,MAX= 3.0159E+00 6.1328E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



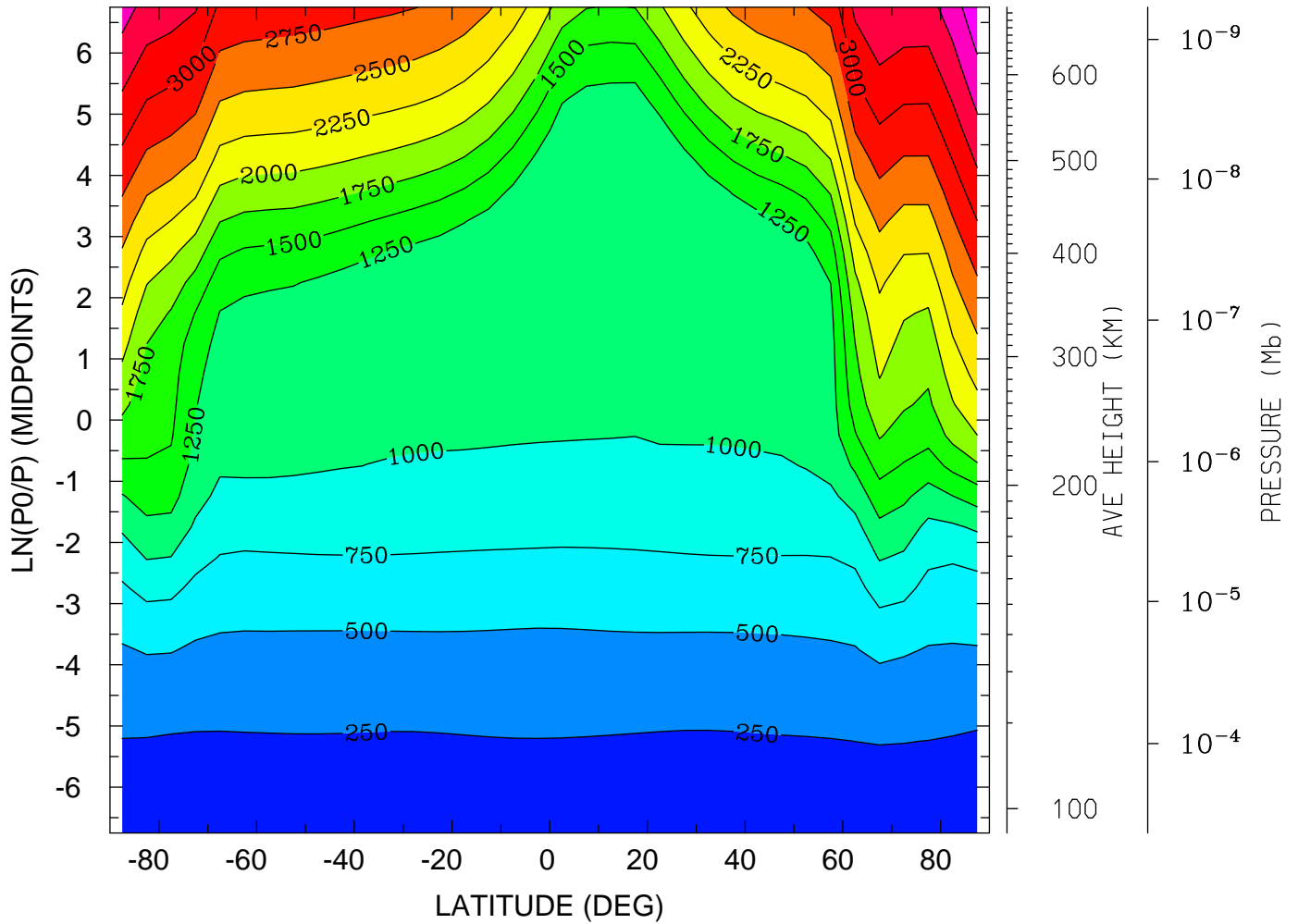
MIN,MAX= 3.7129E+00 6.4521E+00 INTERVAL= 2.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



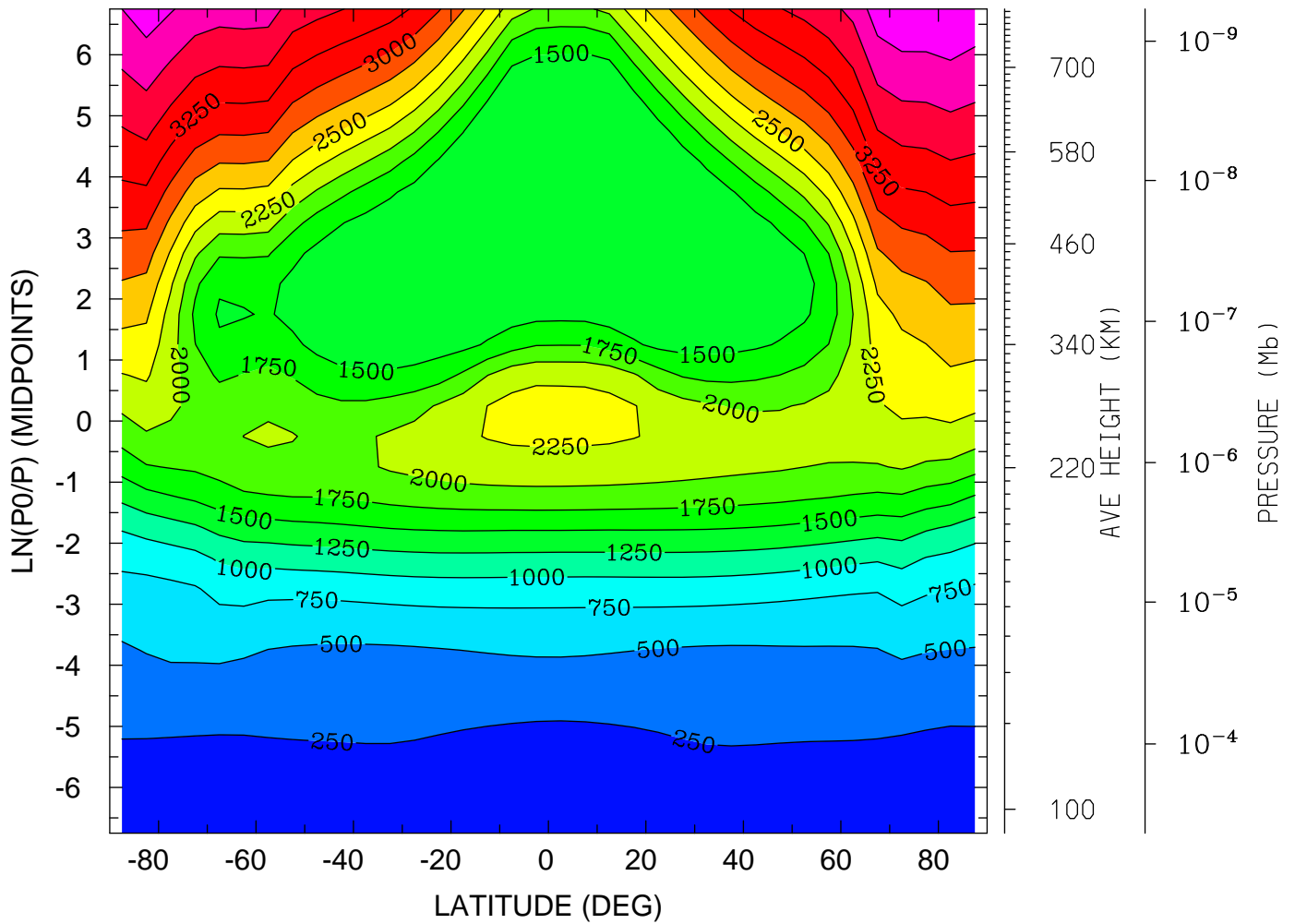
MIN,MAX= 1.6257E+02 4.0581E+03 INTERVAL= 2.5000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



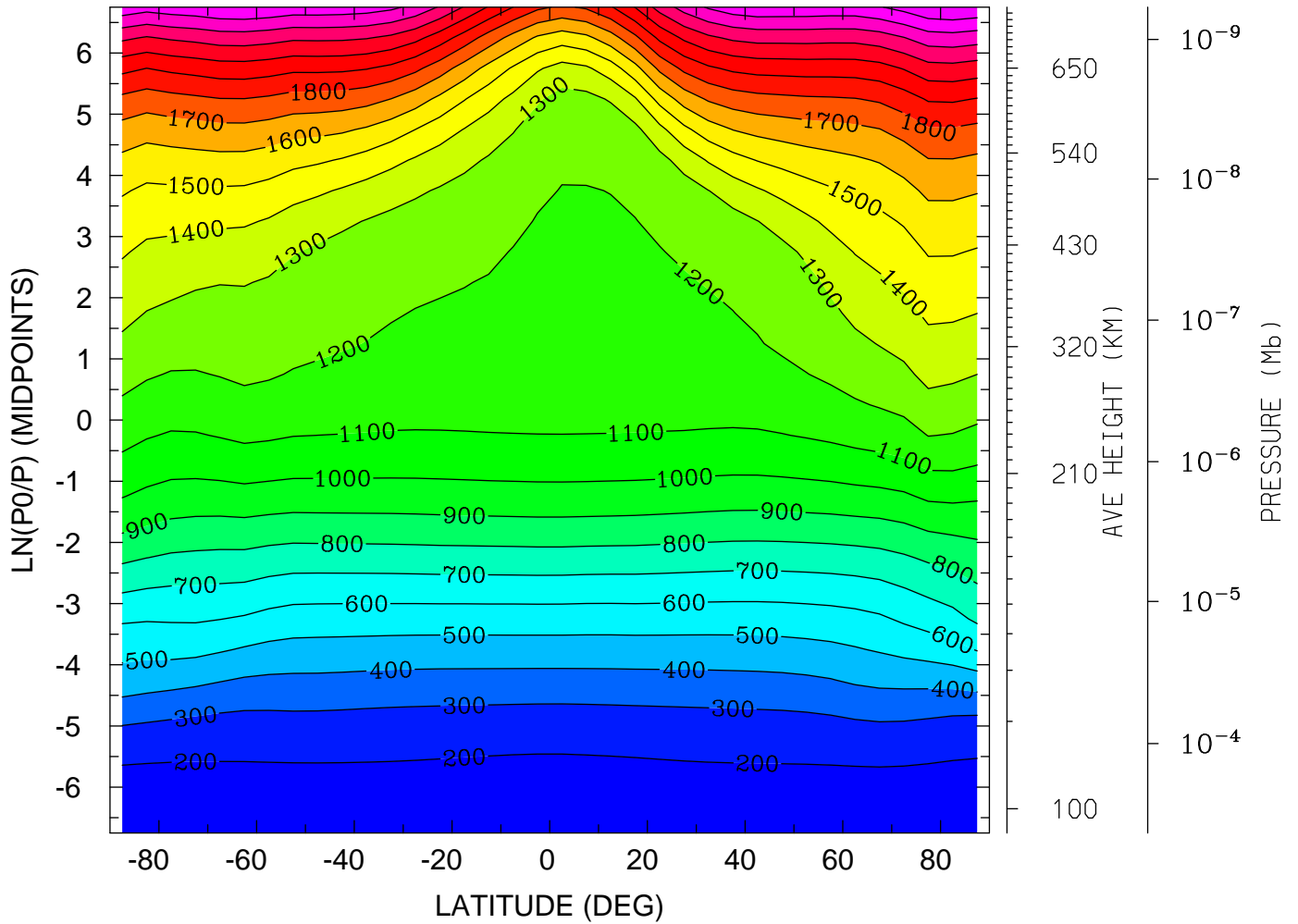
MIN,MAX= 1.4875E+02 3.9395E+03 INTERVAL= 2.5000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



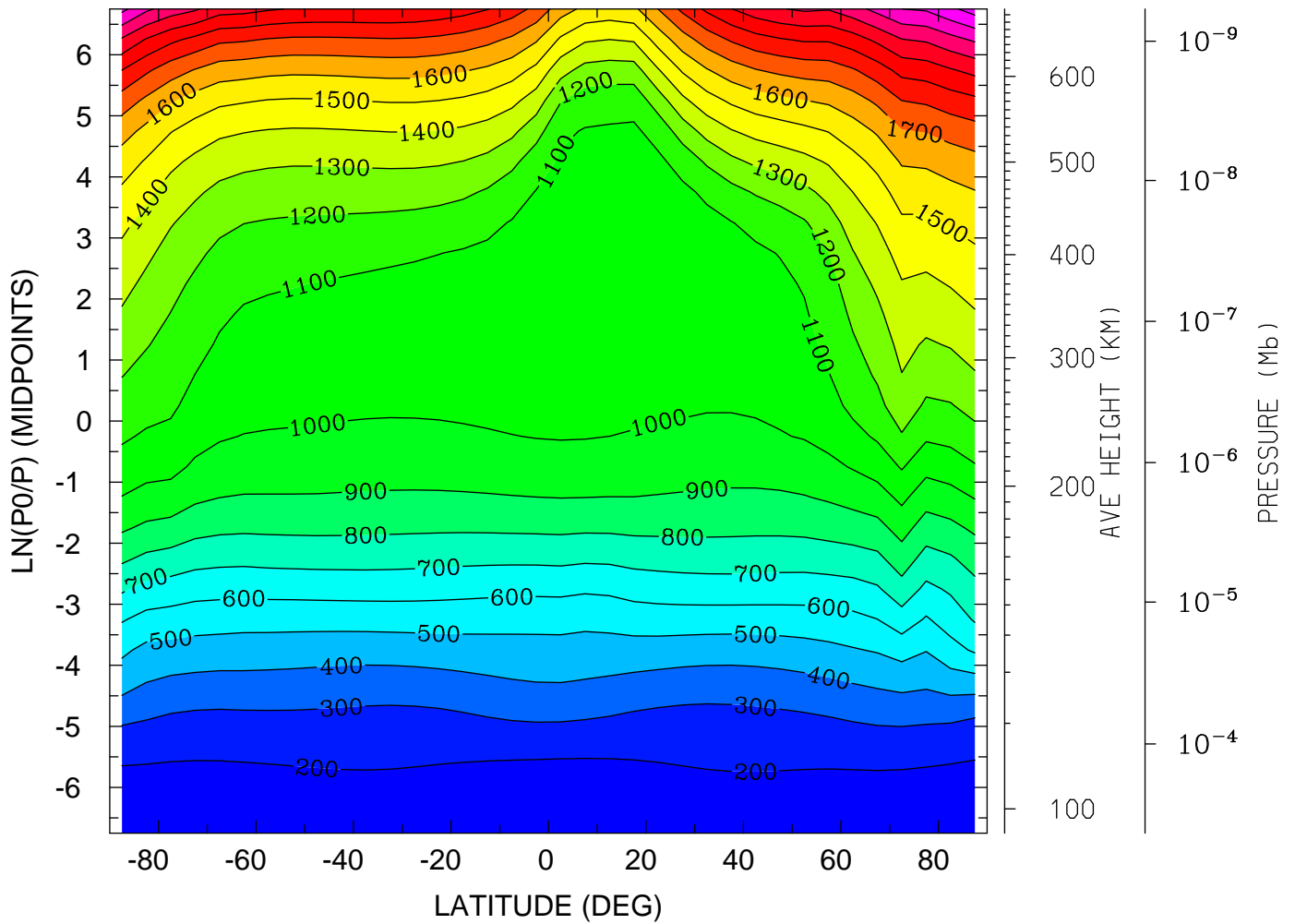
MIN,MAX= 1.6364E+02 4.2328E+03 INTERVAL= 2.5000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



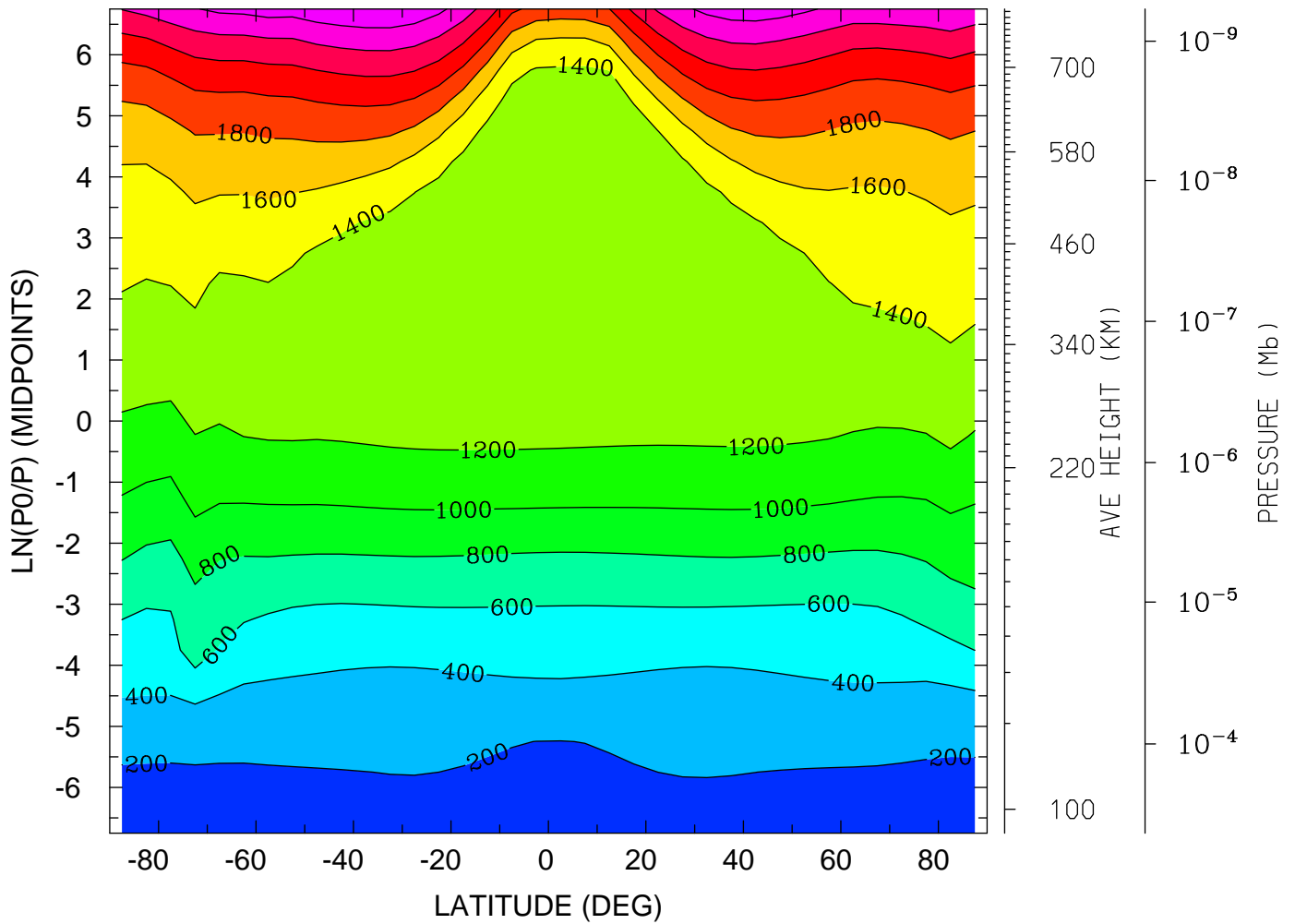
MIN,MAX= 1.6256E+02 2.4995E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 1.4875E+02 2.4463E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

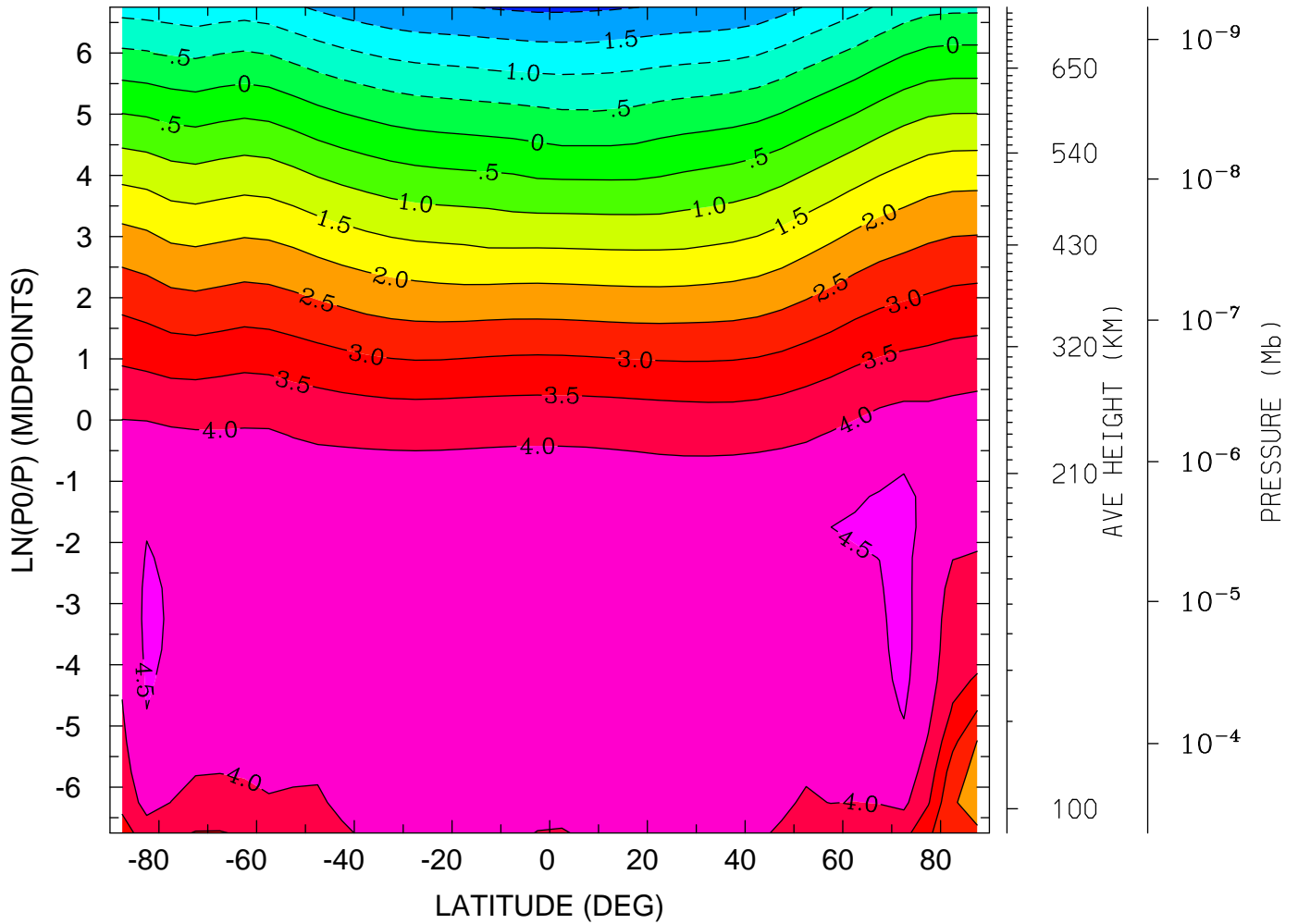
ION TEMPERATURE (DEG K)  
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= 1.6406E+02 2.7773E+03 INTERVAL= 2.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

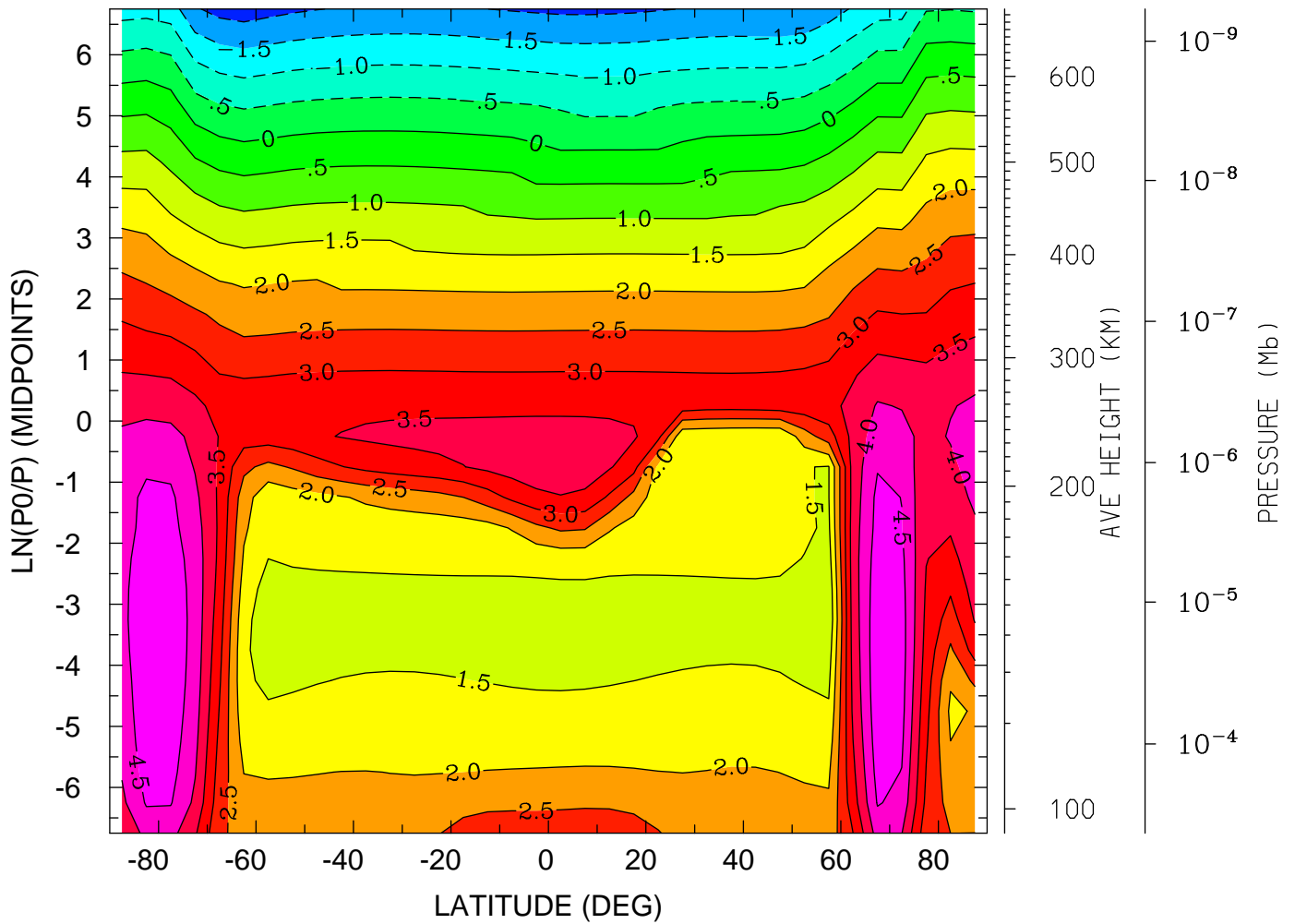


LOG10 O2+ ION (CM3)  
YEAR 2002 UT= 0.00 ZONAL MEANS



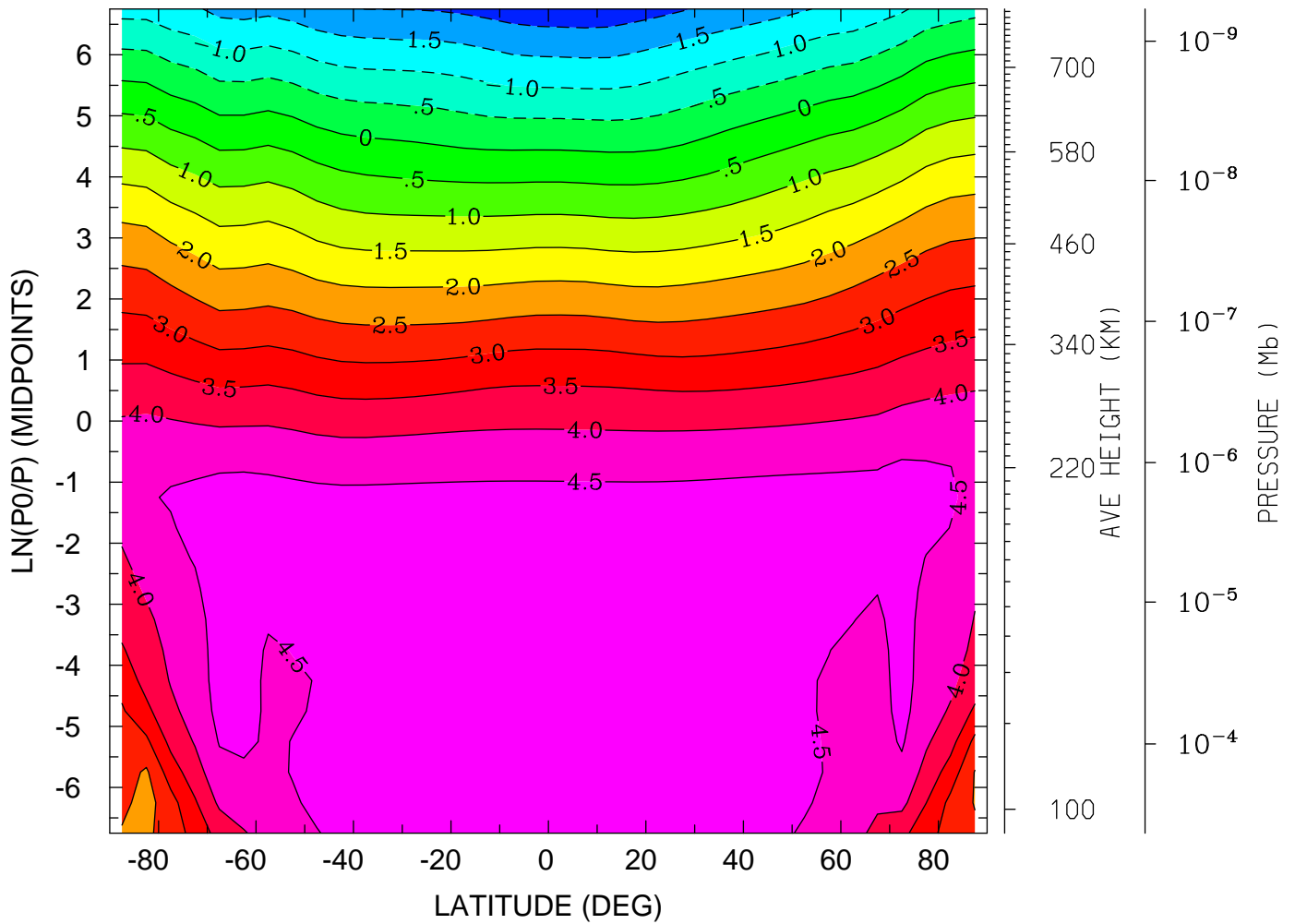
MIN,MAX= -2.0876E+00 4.6299E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



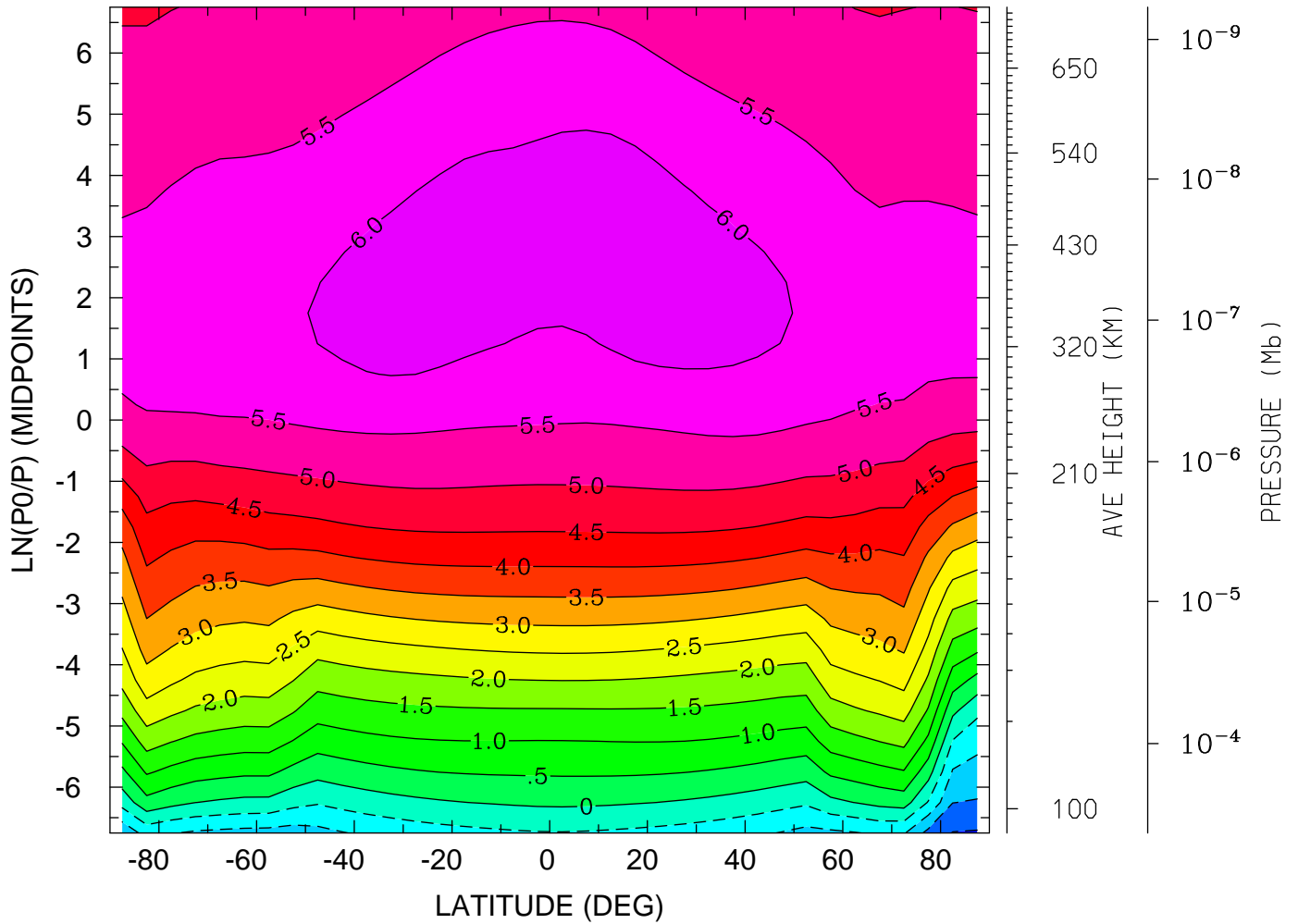
MIN,MAX= -2.2501E+00 4.9035E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



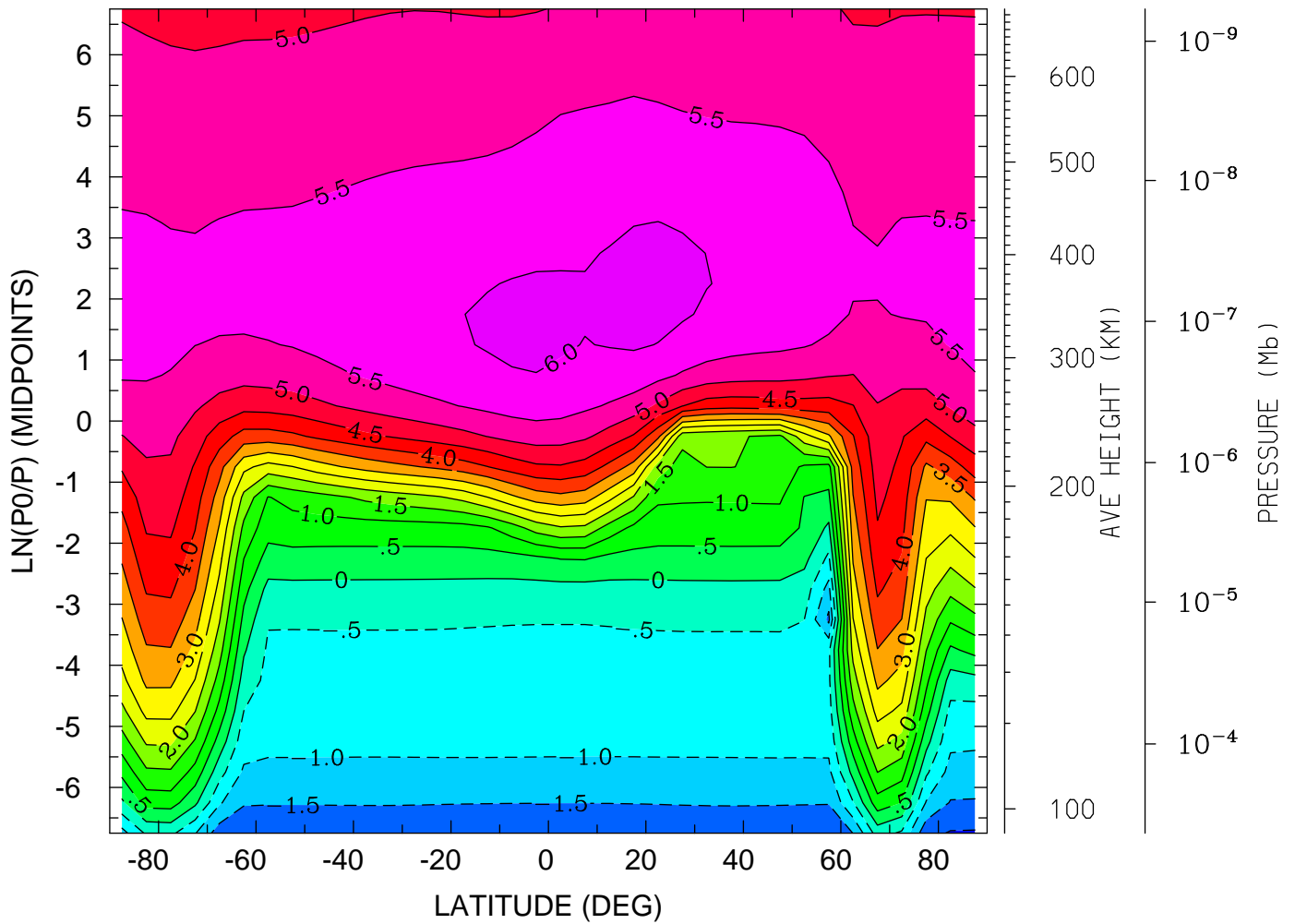
MIN,MAX= -2.3240E+00 4.8894E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



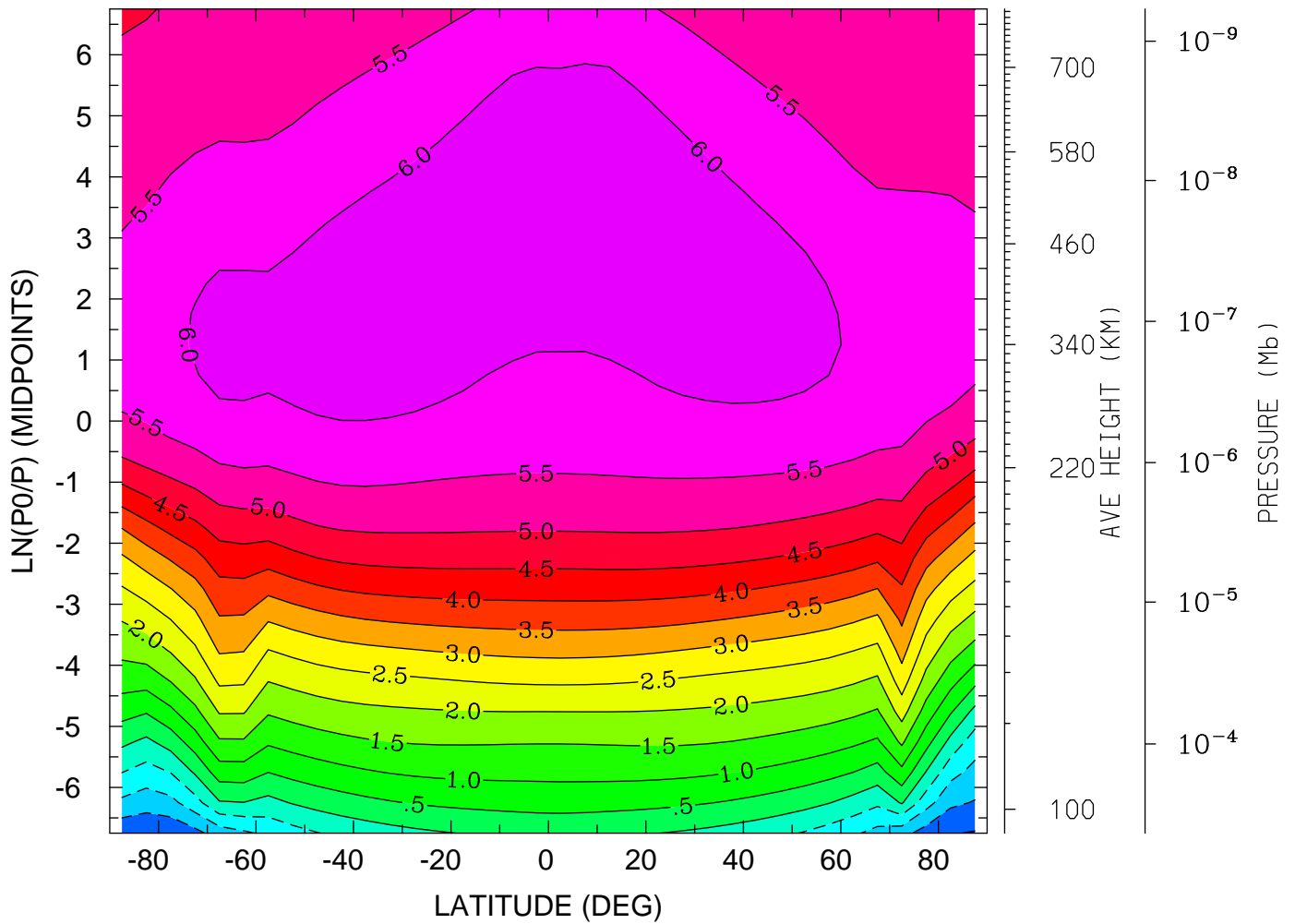
MIN,MAX= -2.0478E+00 6.2622E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



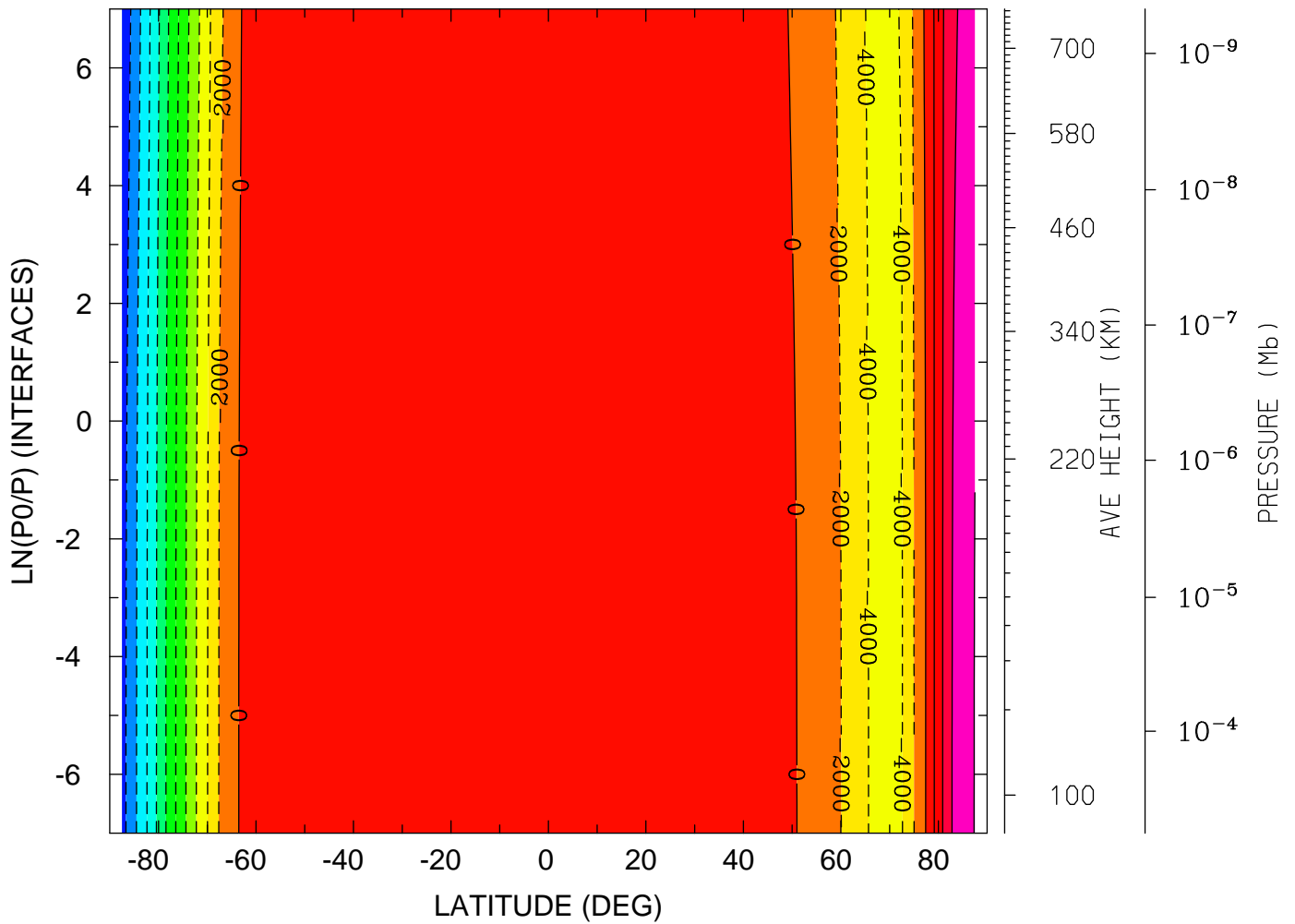
MIN,MAX= -2.0528E+00 6.1351E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= -2.0383E+00 6.4520E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

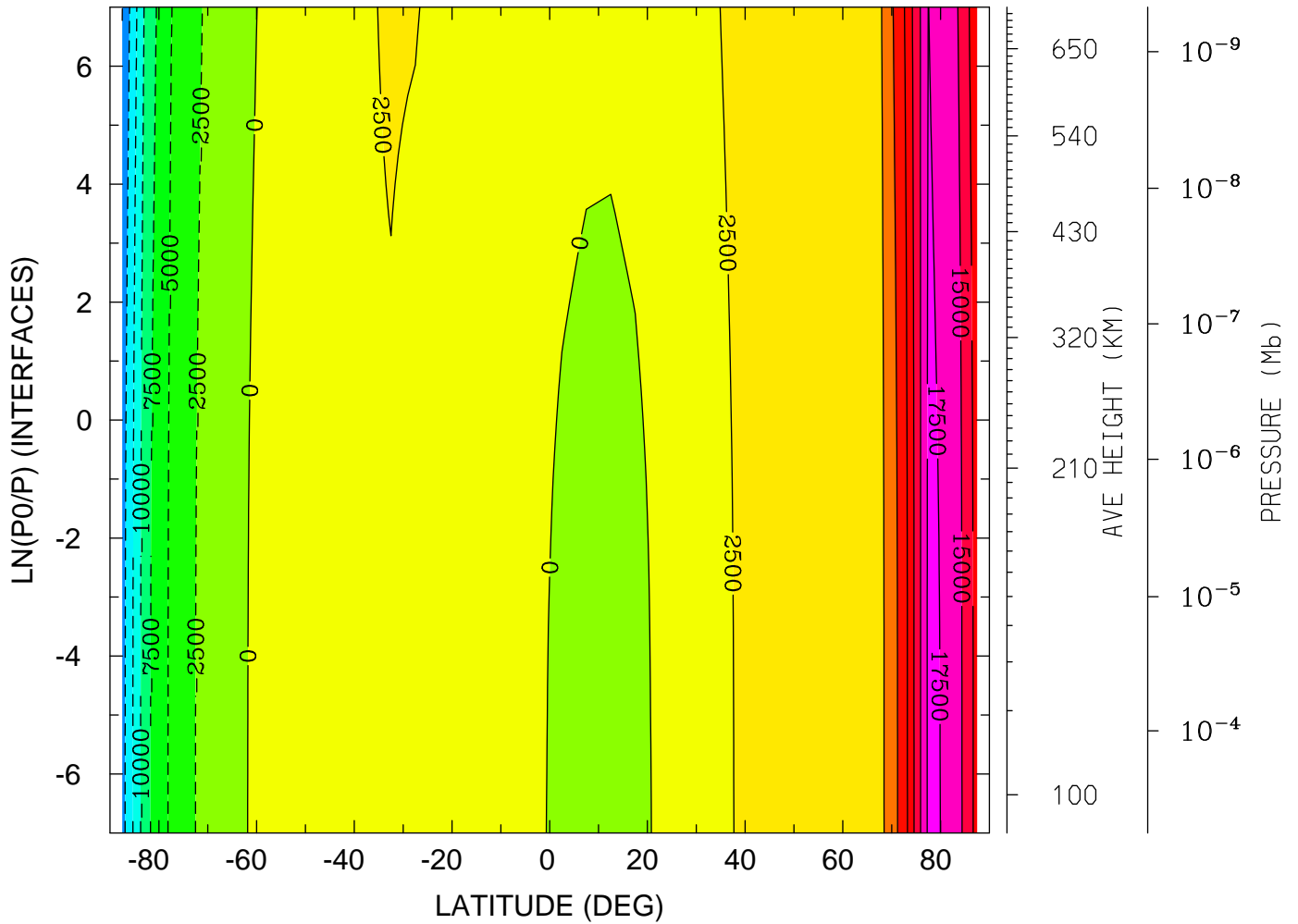
ELECTRIC POTENTIAL (VOLTS)  
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= -2.1782E+04 8.0777E+03 INTERVAL= 2.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)

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

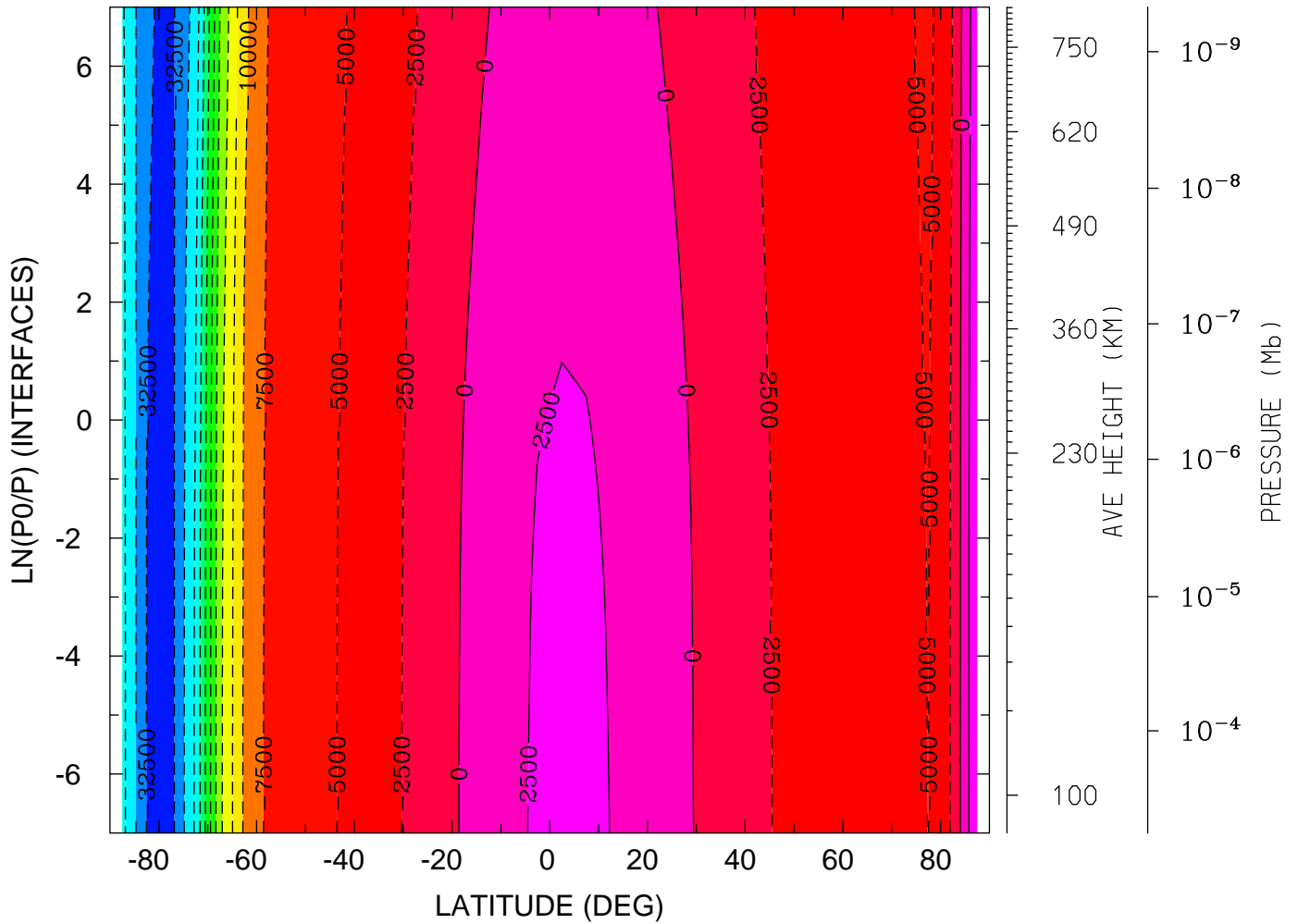


MIN,MAX= -1.7552E+04 1.7920E+04 INTERVAL= 2.5000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc



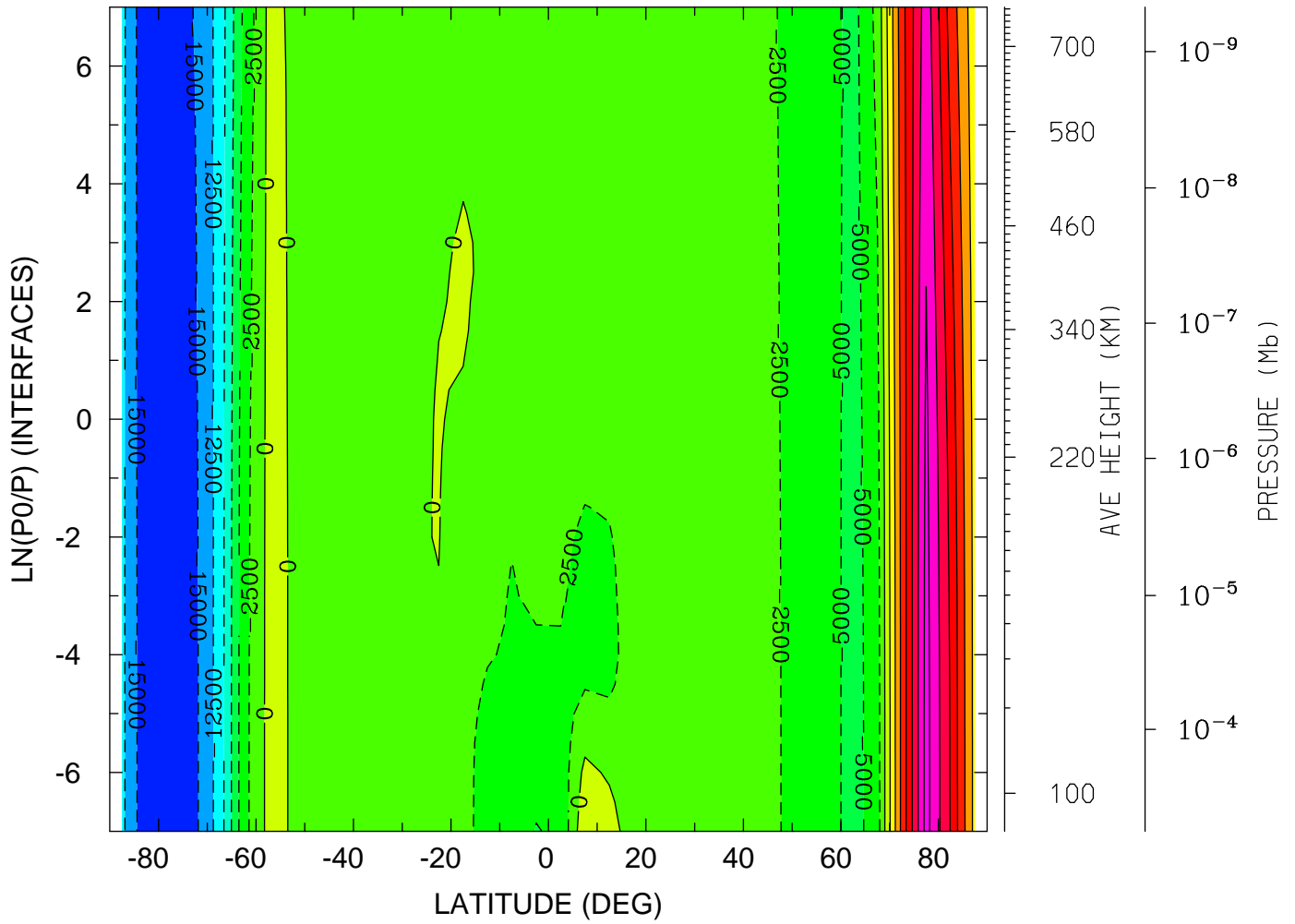
ELECTRIC POTENTIAL (VOLTS)

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



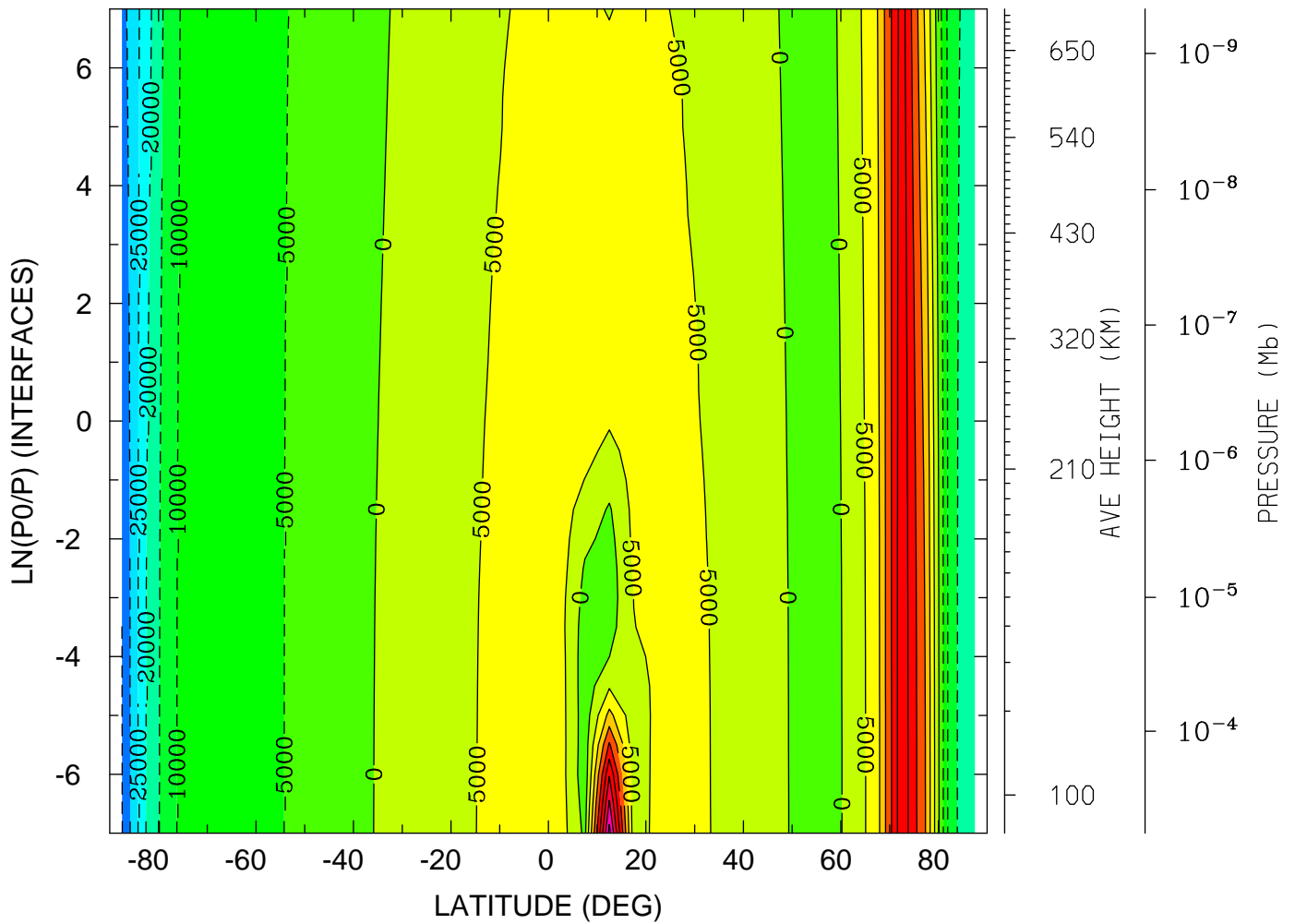
MIN,MAX= -3.3336E+04 4.8722E+03 INTERVAL= 2.5000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



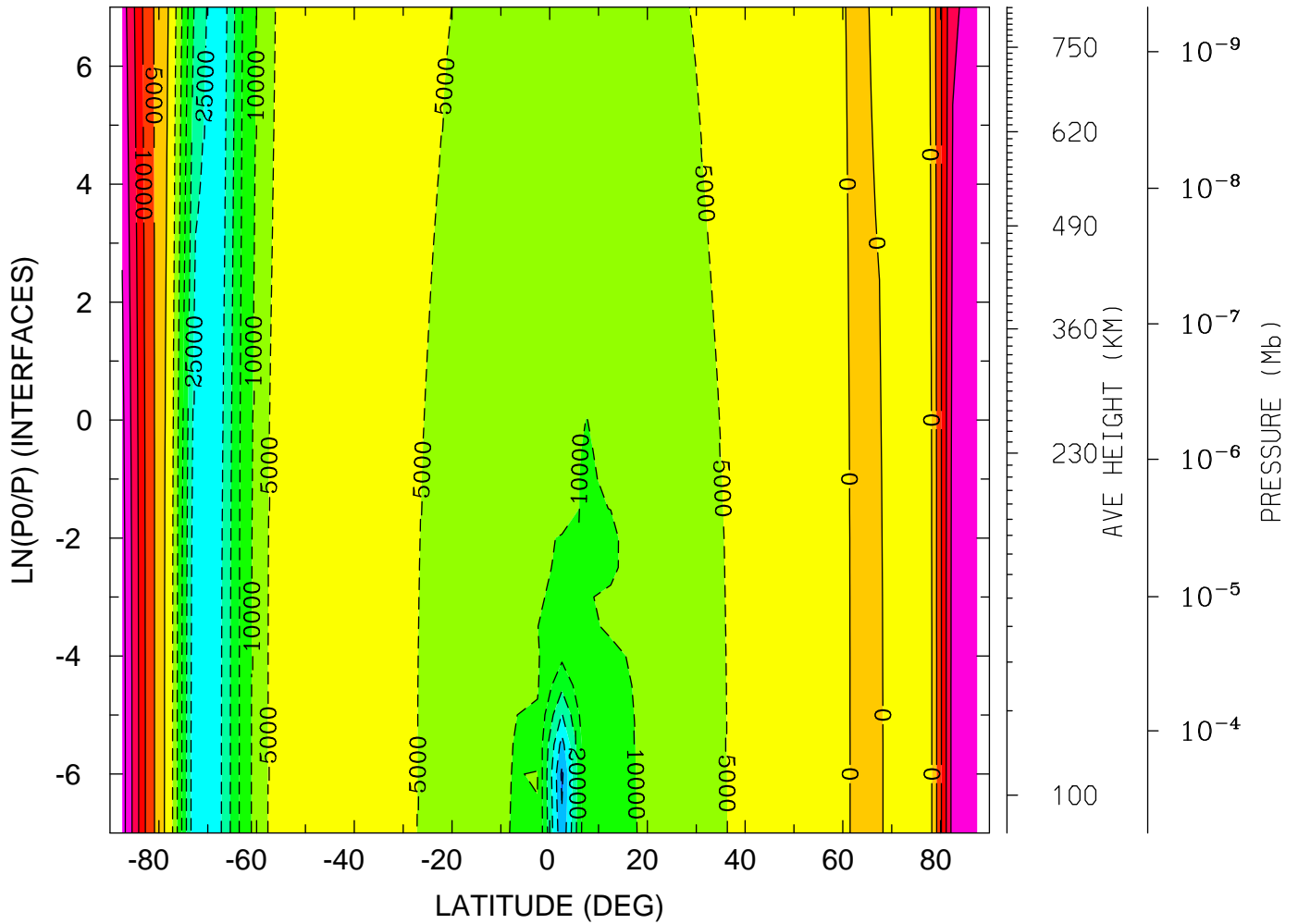
MIN,MAX= -1.7219E+04 1.8377E+04 INTERVAL= 2.5000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



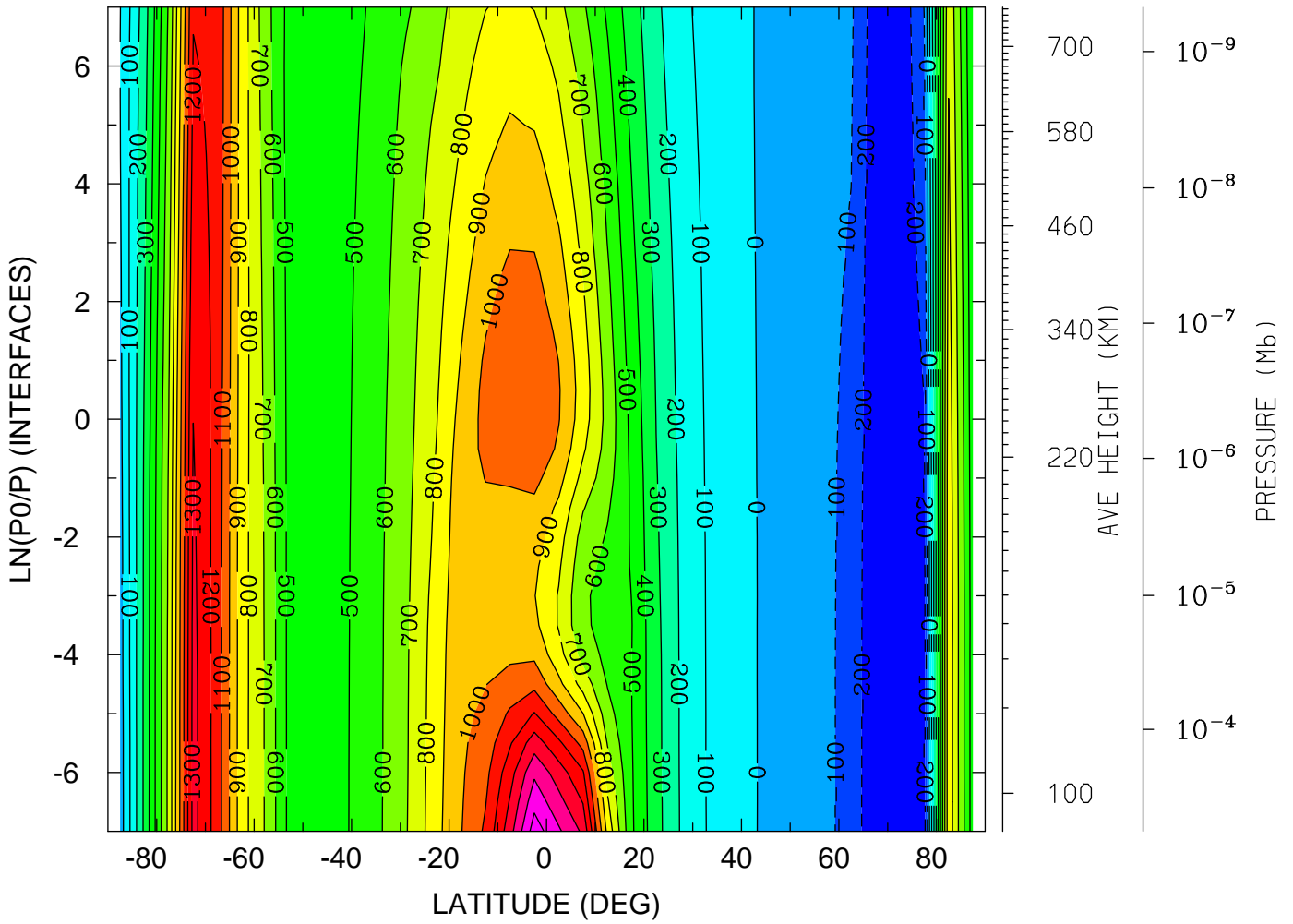
MIN,MAX= -3.5166E+04 4.1827E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



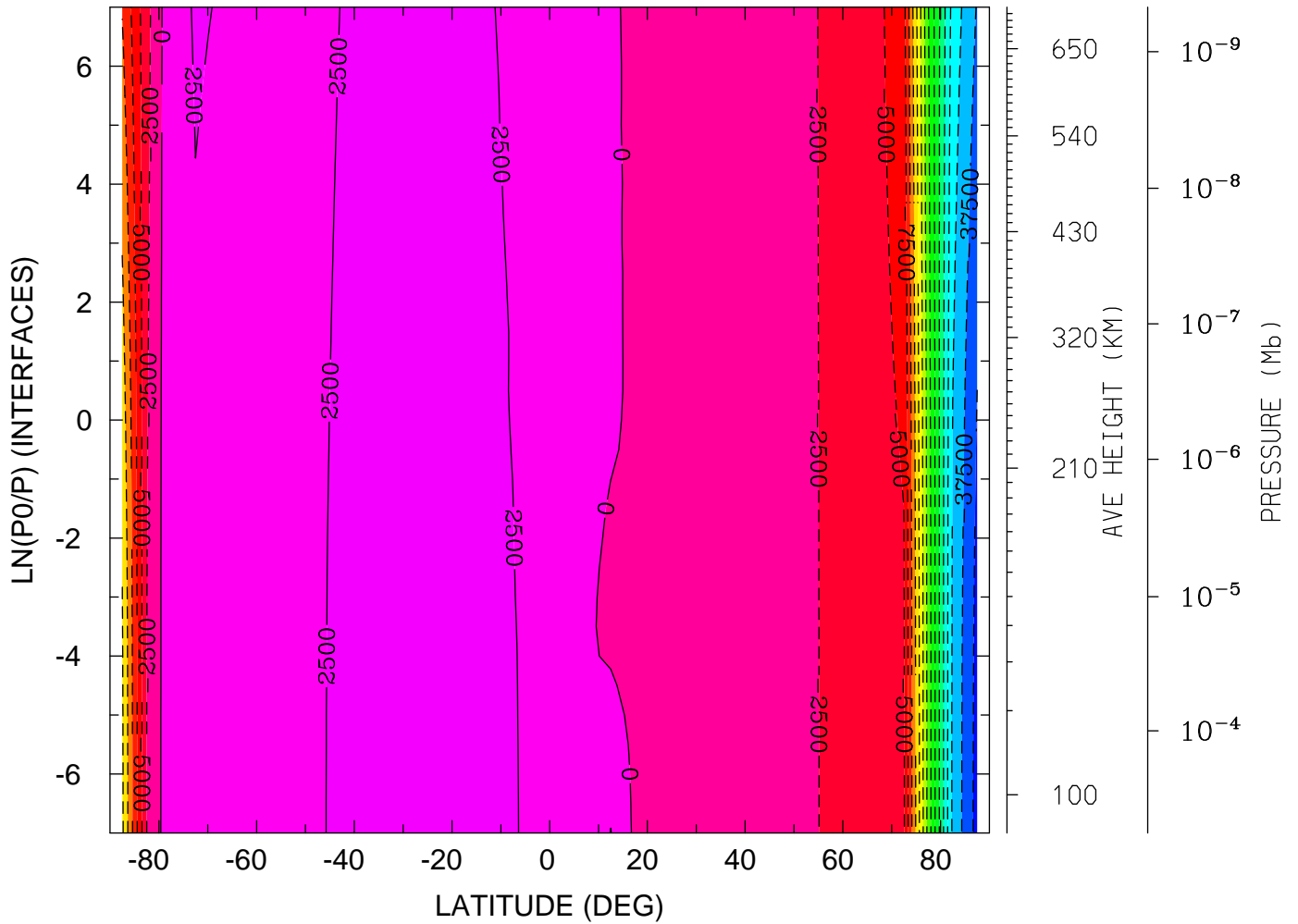
MIN,MAX= -3.6021E+04 2.7341E+04 INTERVAL= 5.0000E+03  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



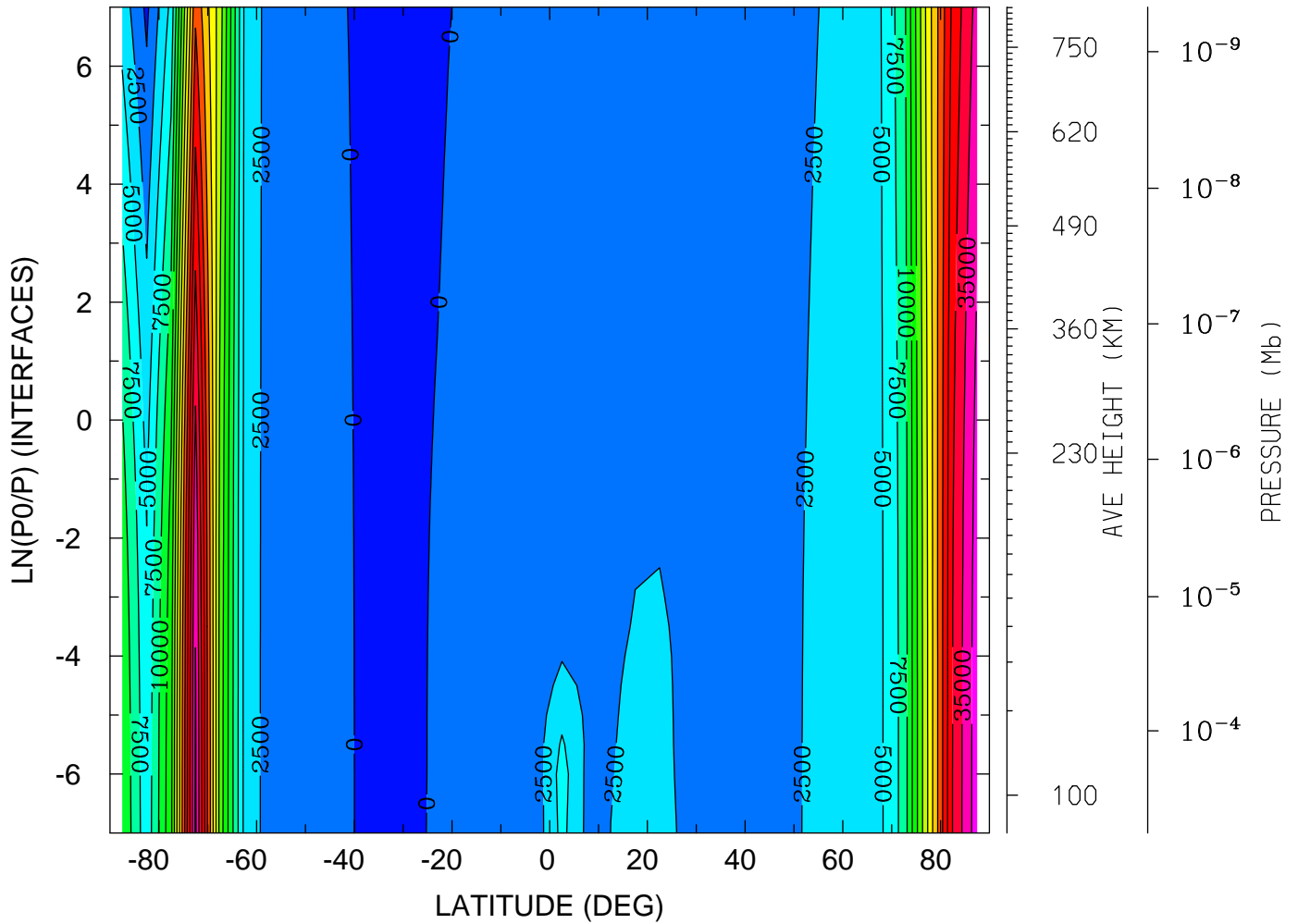
MIN,MAX= -2.8985E+02 1.6539E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



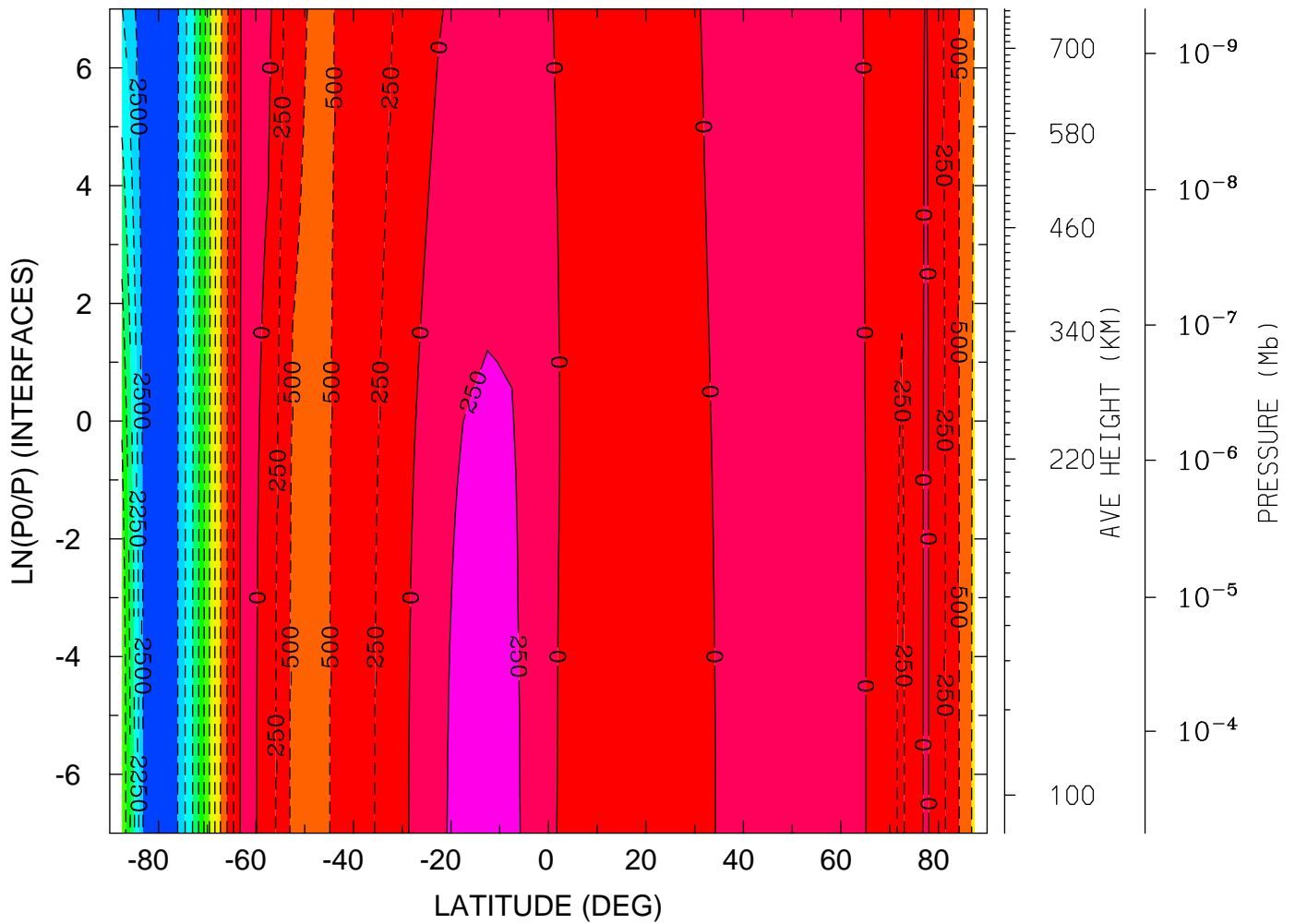
MIN,MAX= -4.0882E+04 3.5375E+03 INTERVAL= 2.5000E+03  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= -5.1213E+02 3.8936E+04 INTERVAL= 2.5000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

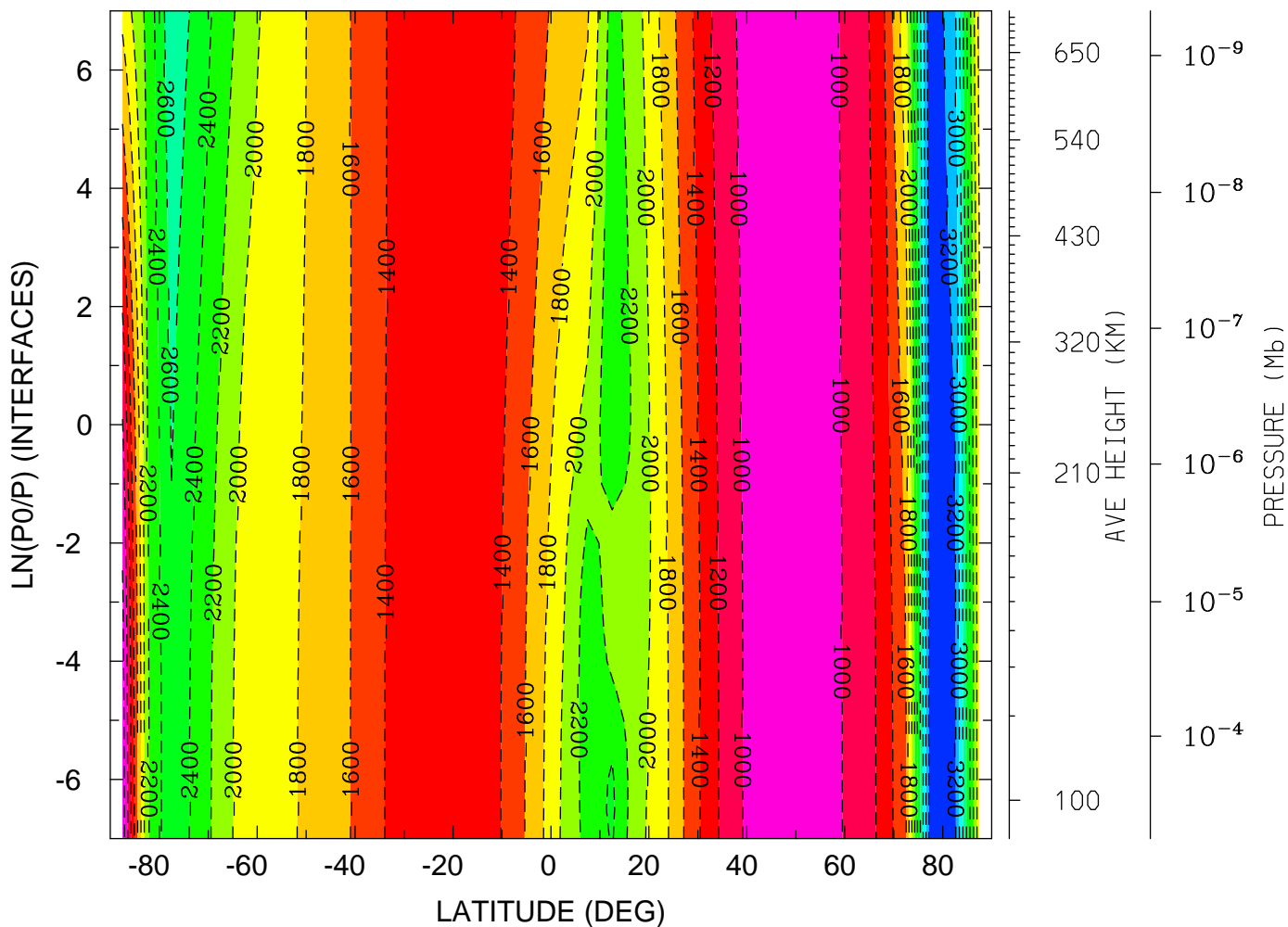
WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= -2.7421E+03 3.4475E+02 INTERVAL= 2.5000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

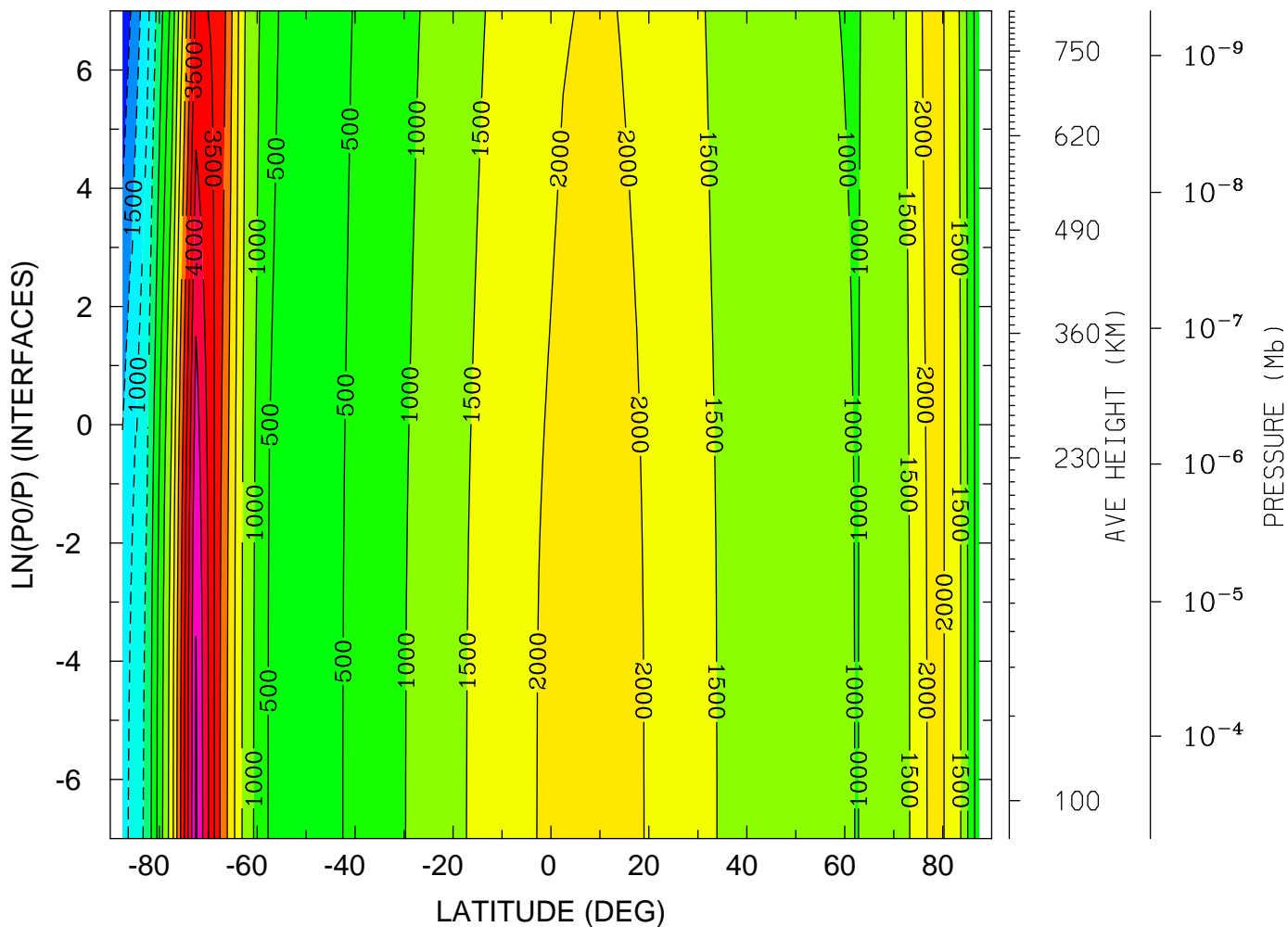


WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



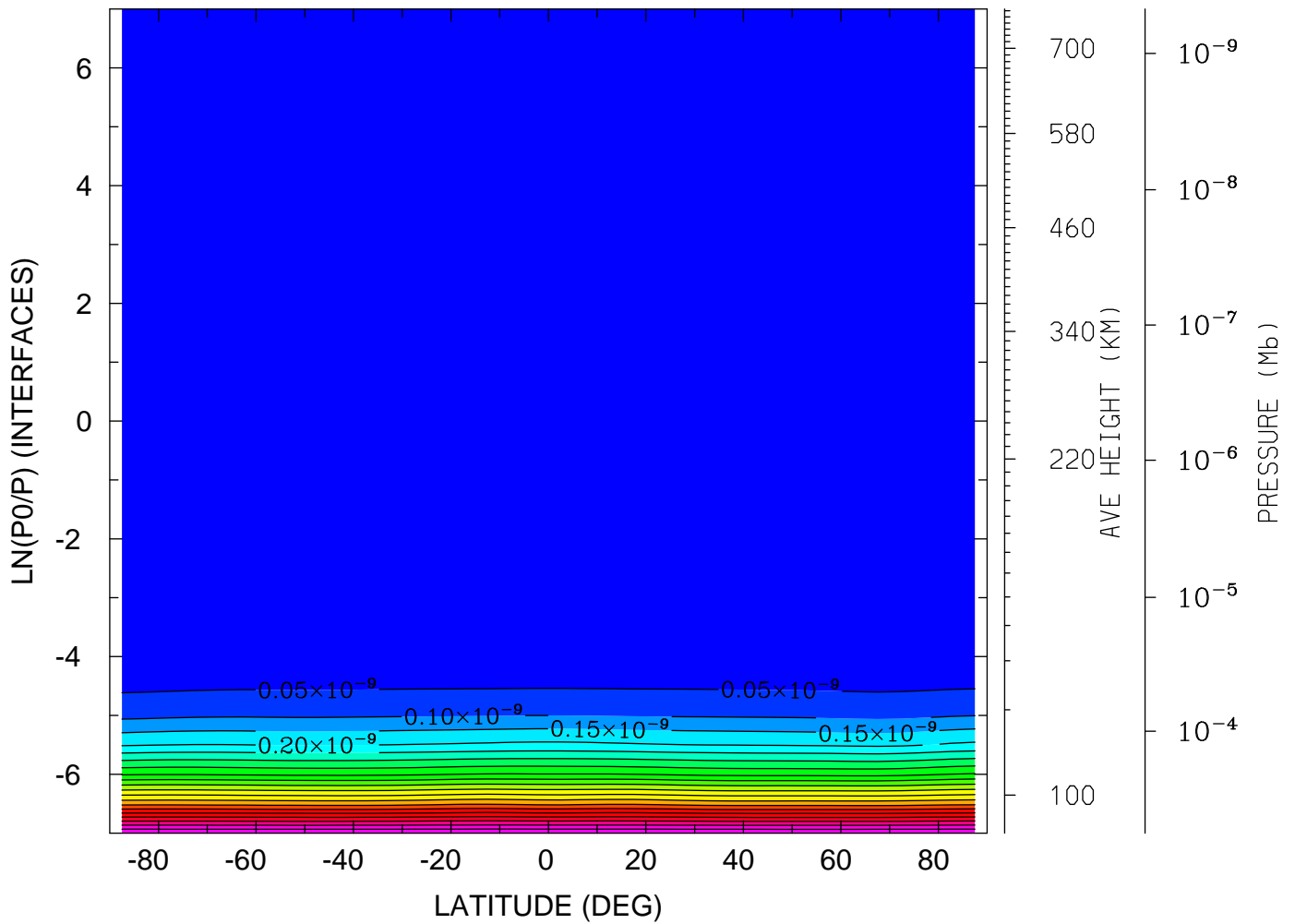
MIN,MAX= -3.3837E+03 -6.8137E+02 INTERVAL= 2.0000E+02  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



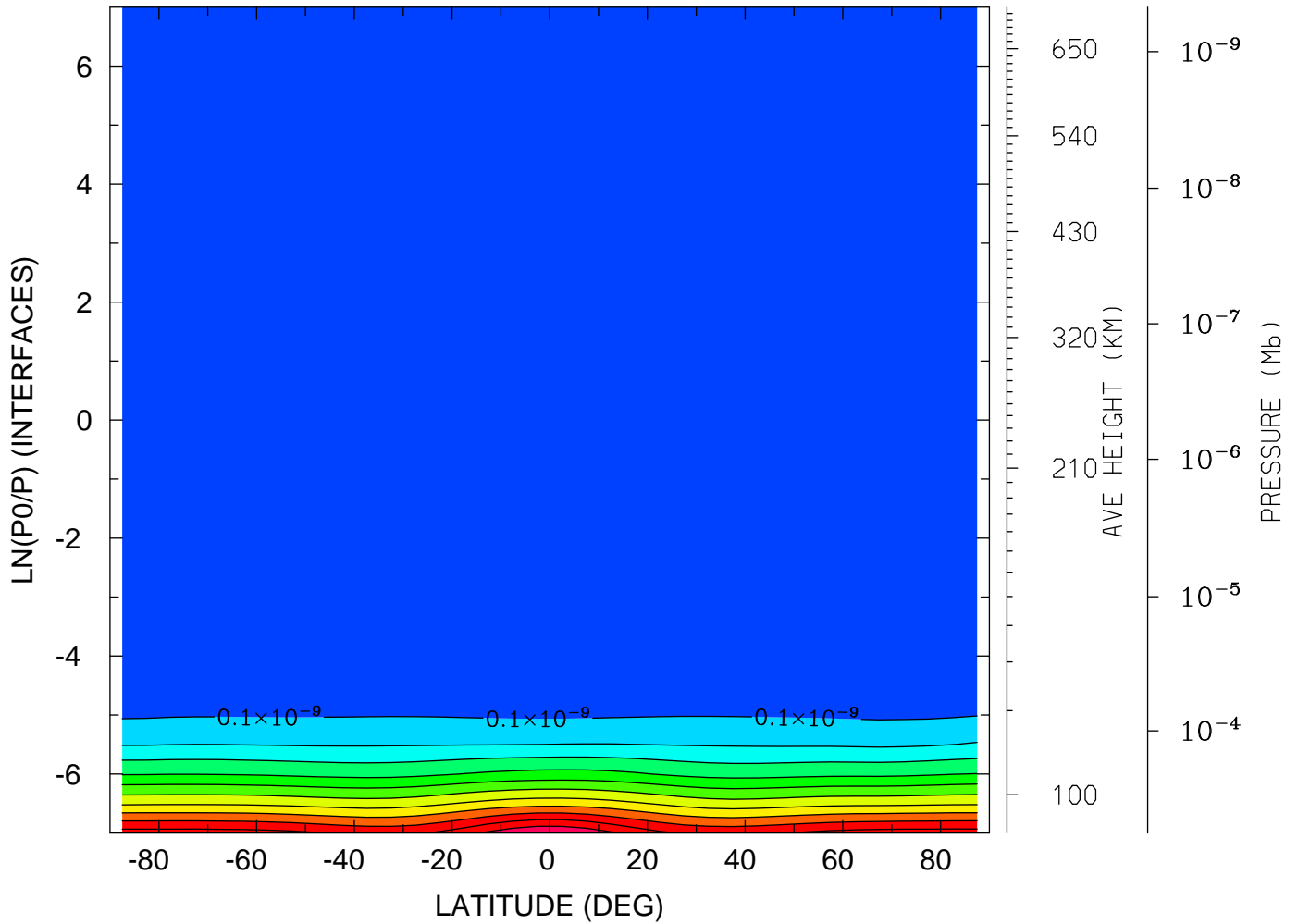
MIN,MAX= -2.4162E+03 5.0816E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



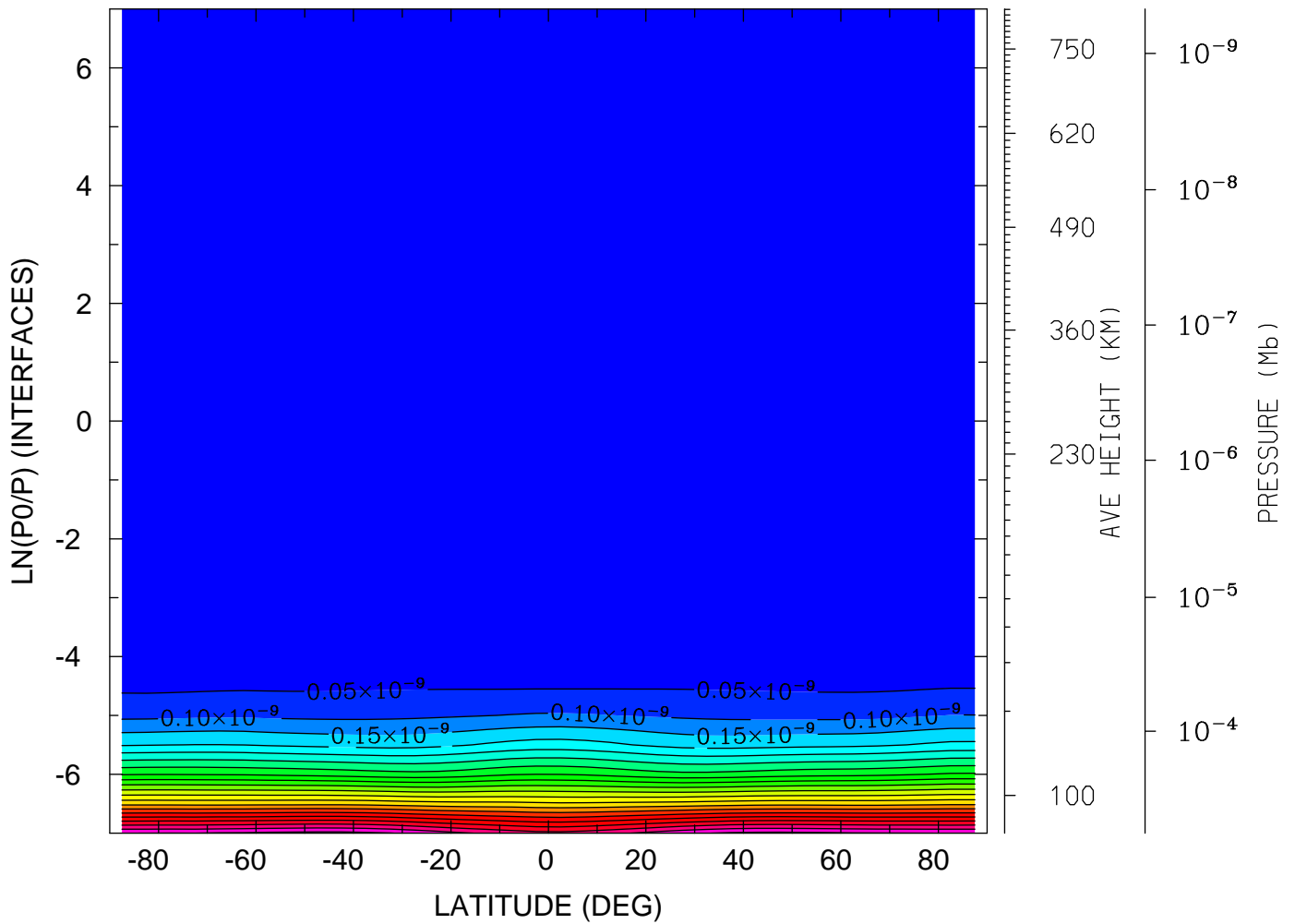
MIN,MAX= 8.4133E-17 1.0502E-09 INTERVAL= 5.0000E-11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



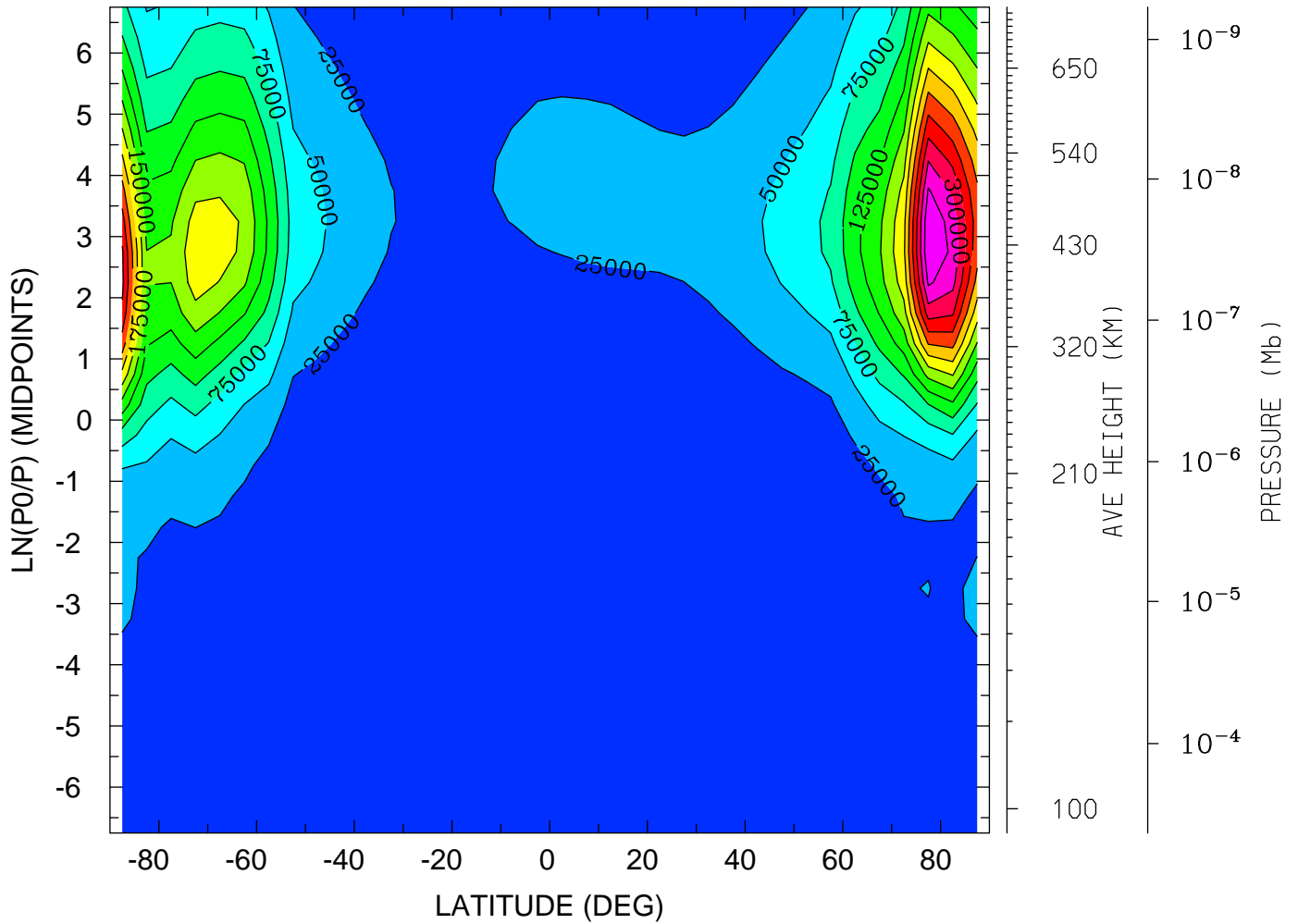
MIN,MAX= 8.3911E-17 1.2016E-09 INTERVAL= 1.0000E-10  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



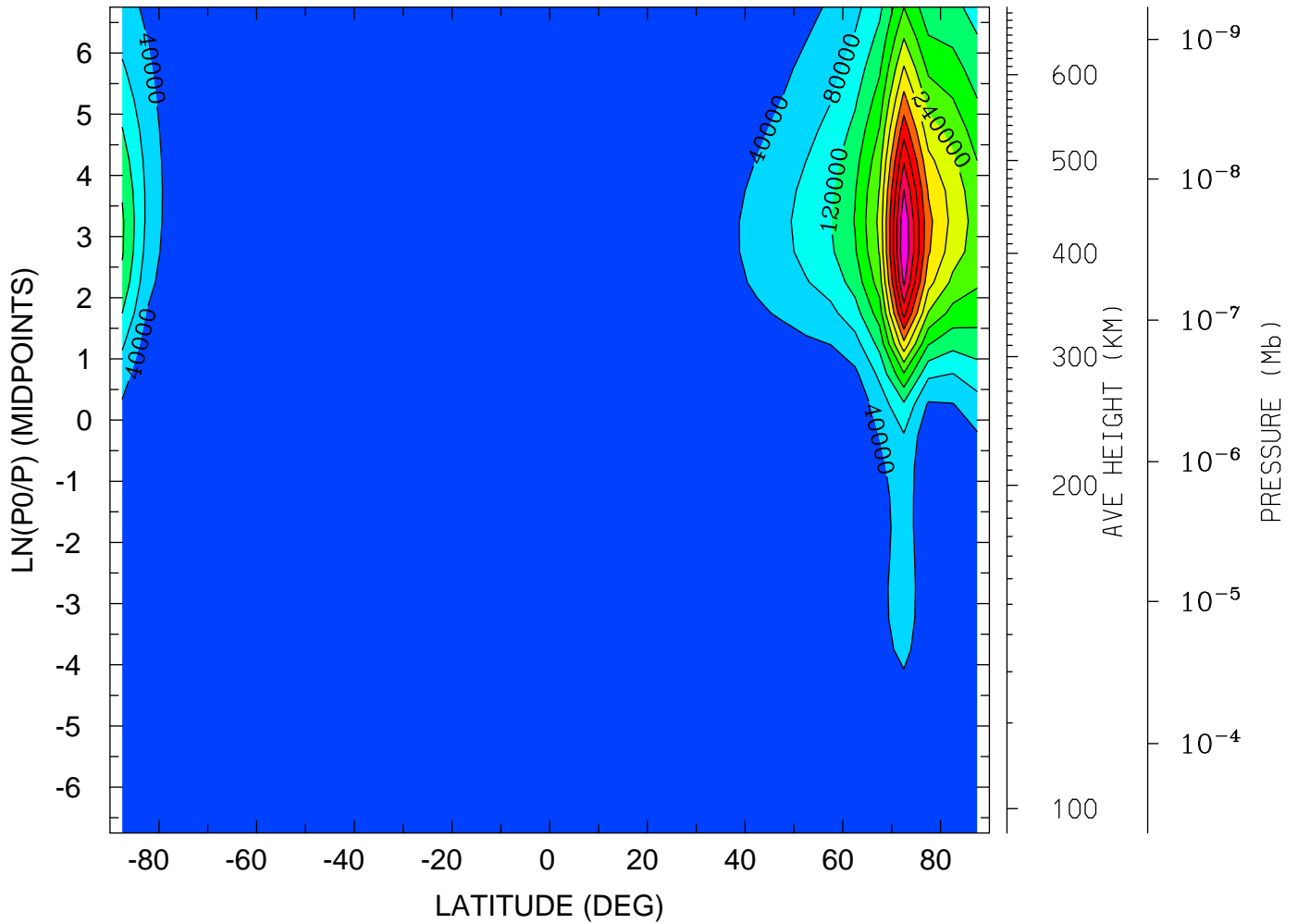
MIN,MAX= 6.9900E-17 1.0673E-09 INTERVAL= 5.0000E-11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



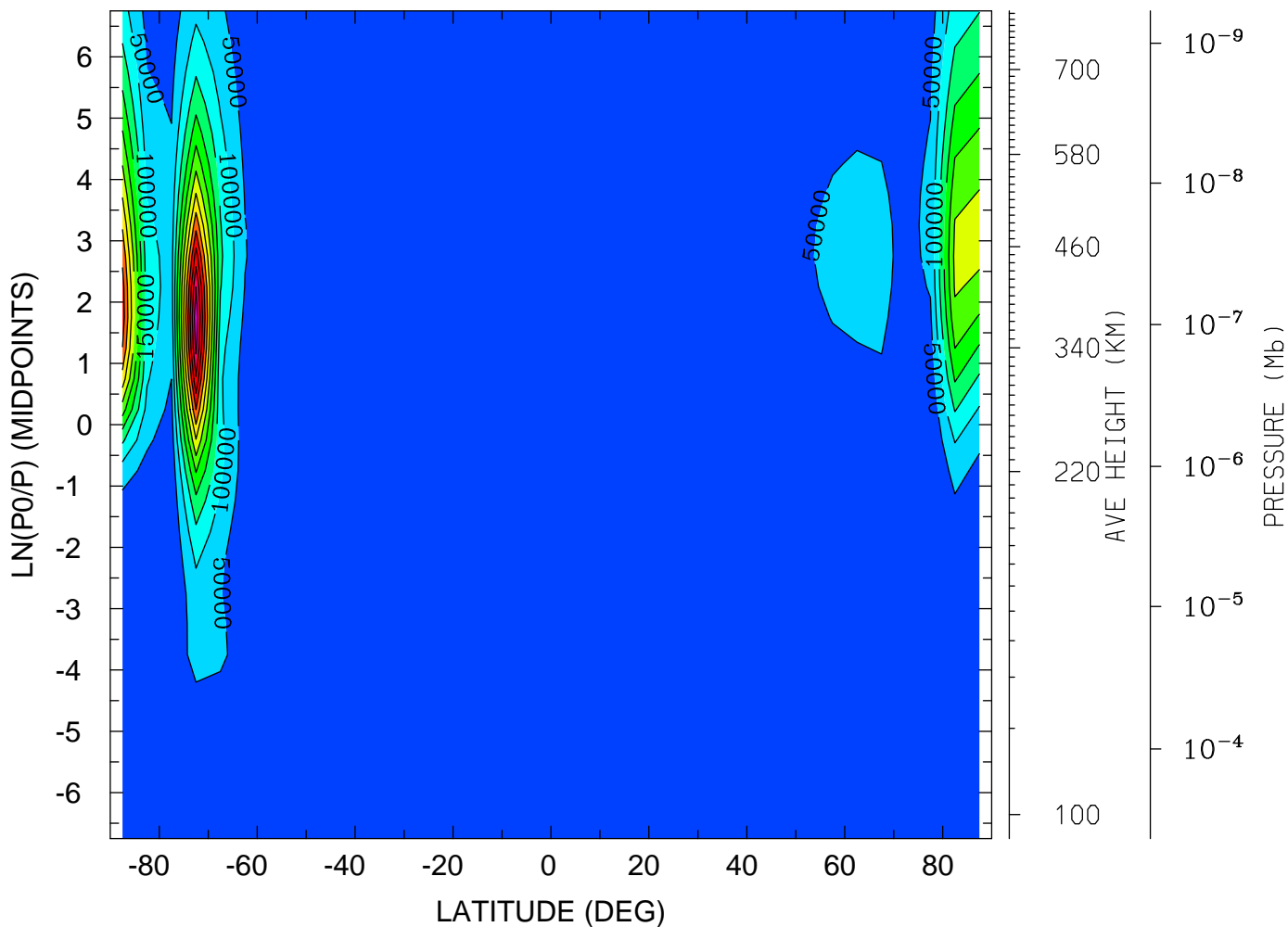
MIN,MAX= 2.0616E-01 3.4827E+05 INTERVAL= 2.5000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 1.5721E-03 5.1823E+05 INTERVAL= 4.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

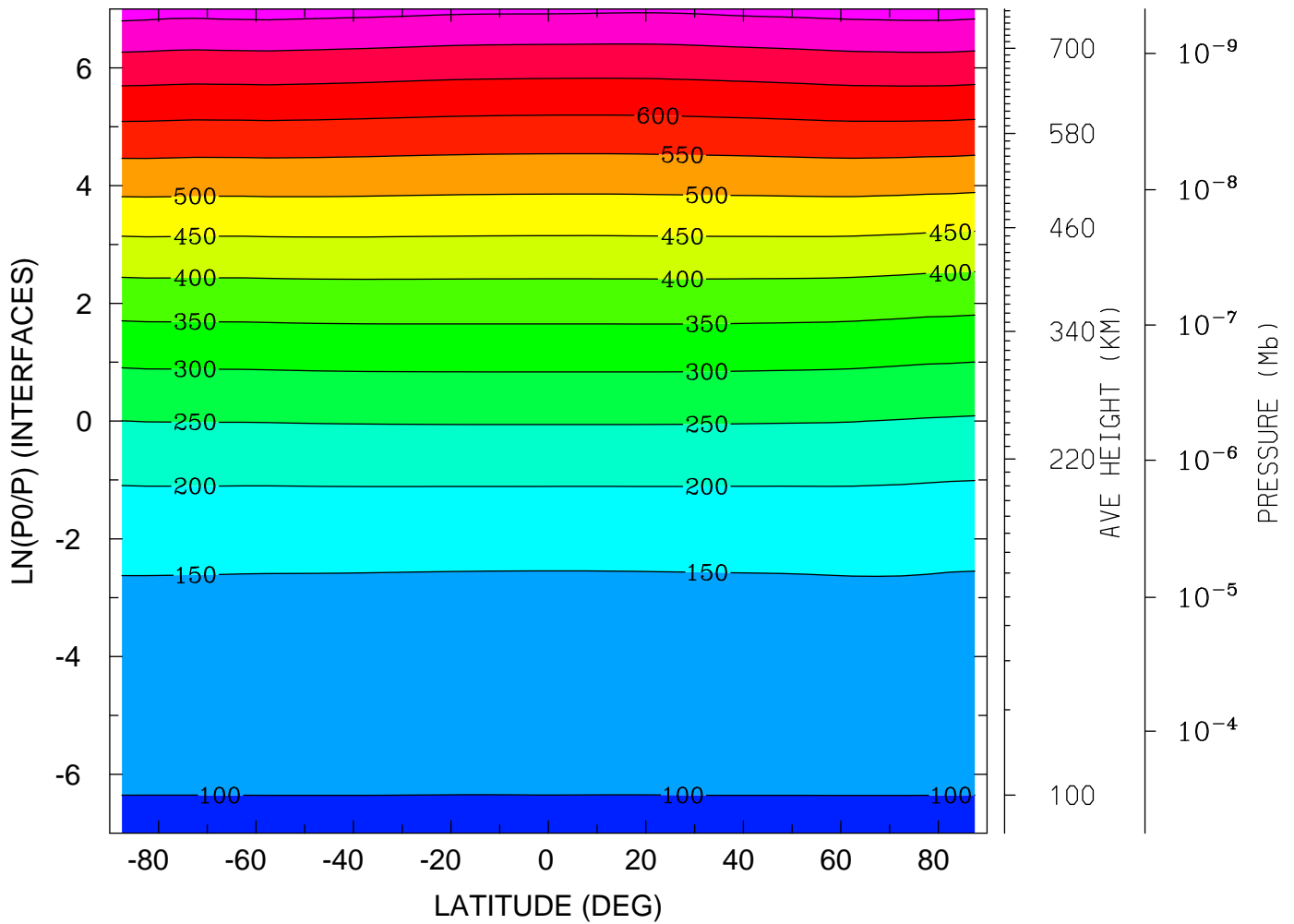
QJOULE: QJOULE: Joule Heating (erg/g/s)  
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= 2.4952E-01 6.3460E+05 INTERVAL= 5.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

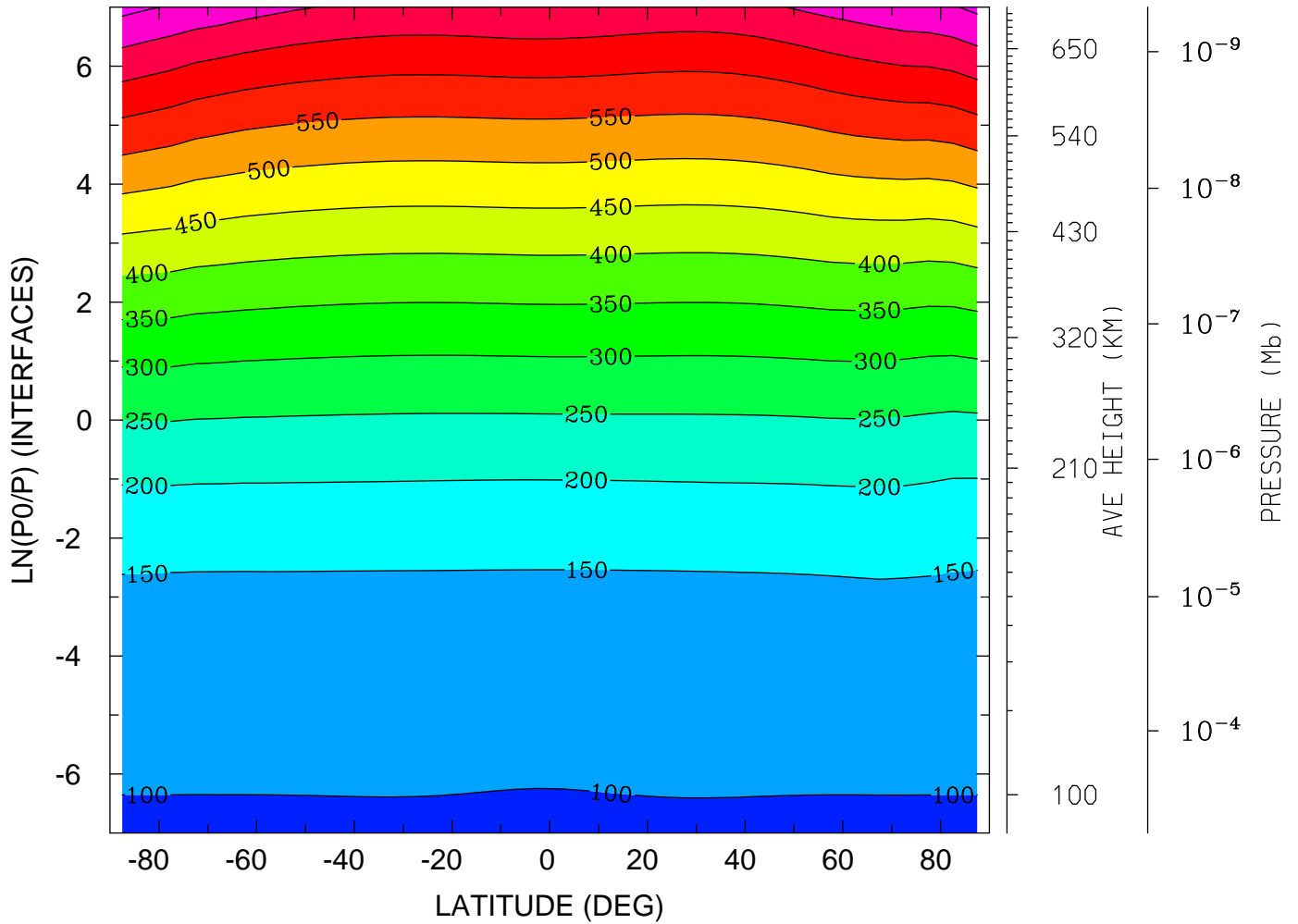


GEOPOTENTIAL HEIGHT (KM)  
YEAR 2002 UT= 0.00 ZONAL MEANS



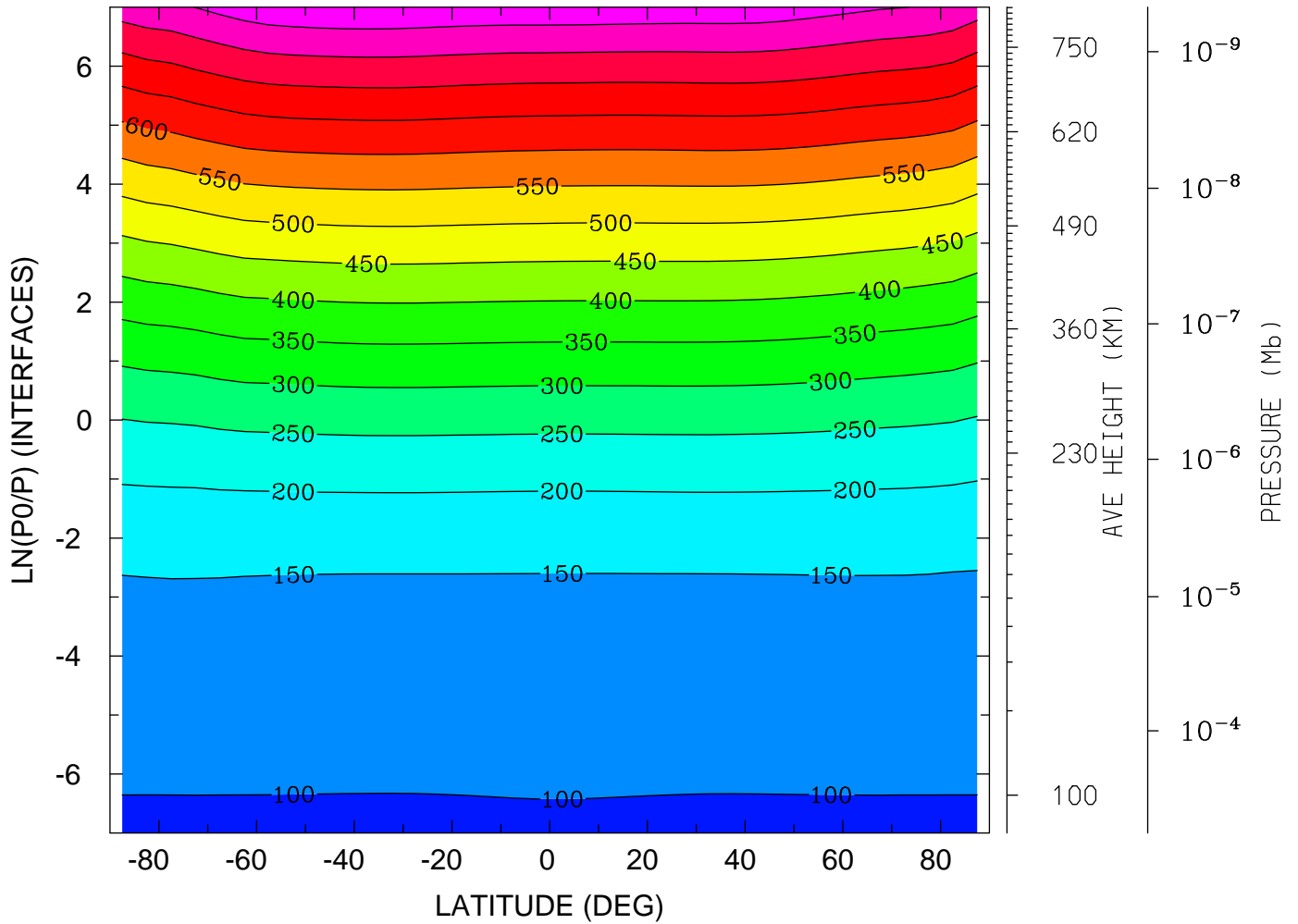
MIN,MAX= 9.6370E+01 7.6965E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



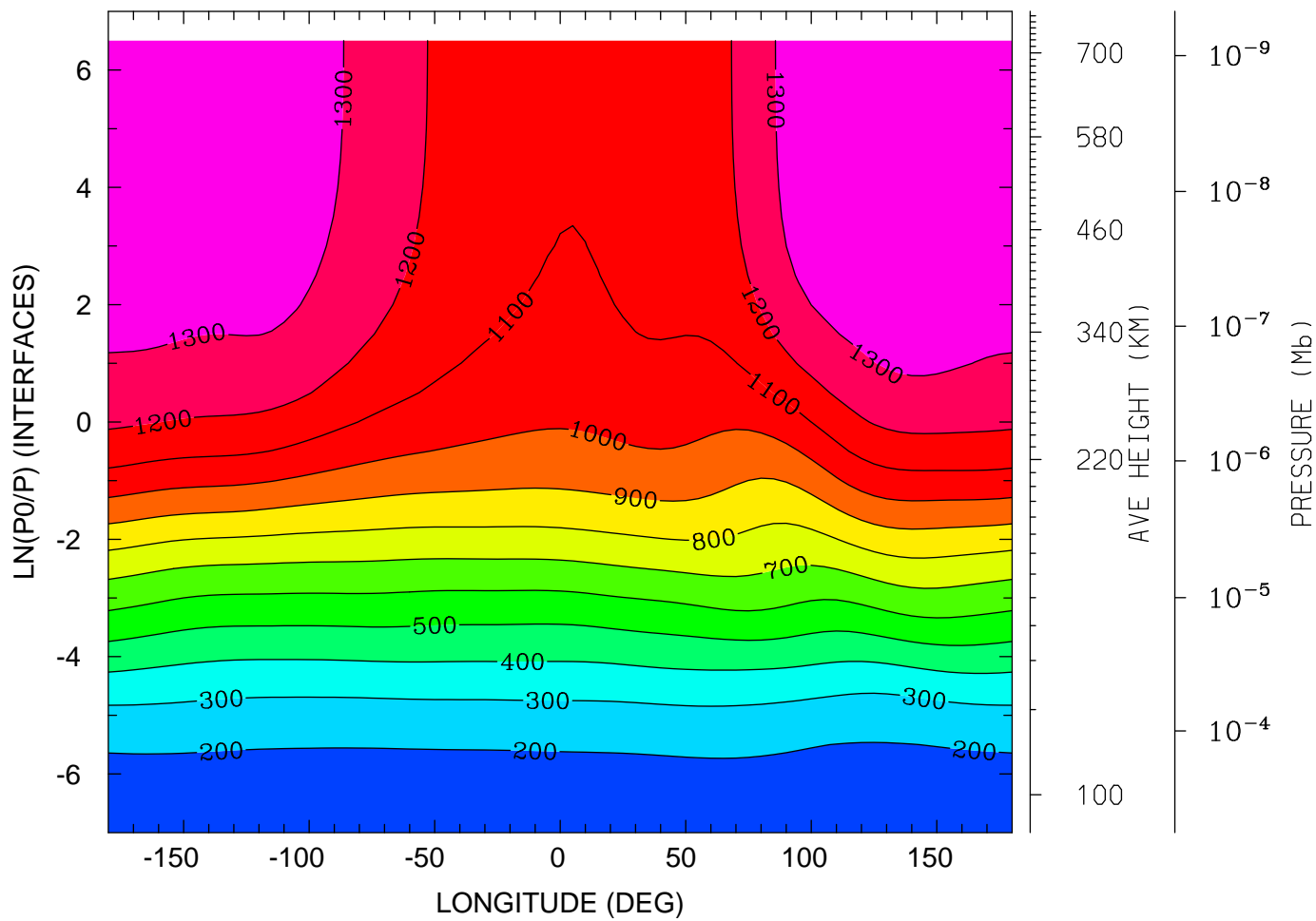
MIN,MAX= 9.6177E+01 7.6462E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



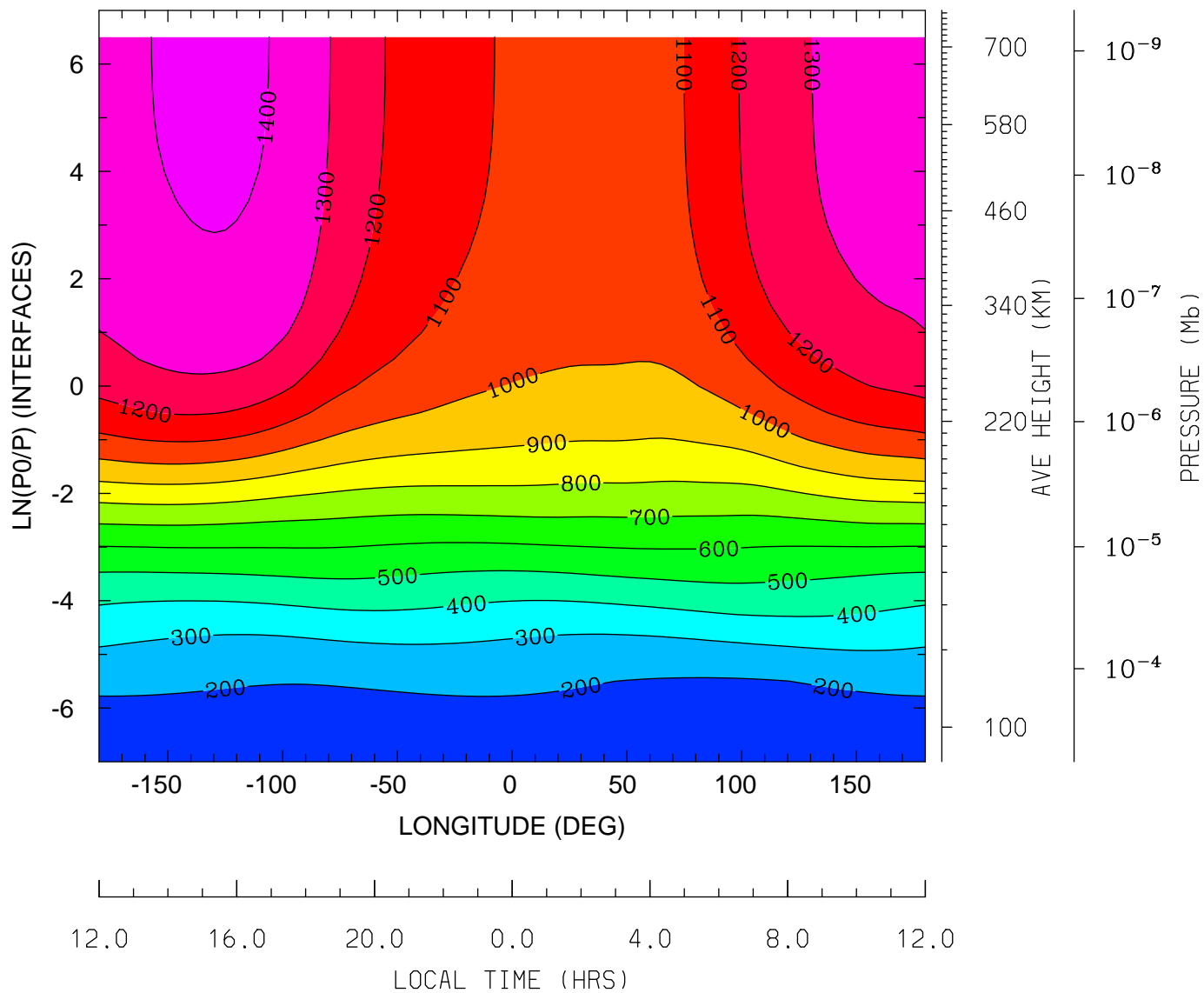
MIN,MAX= 9.6241E+01 8.4182E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



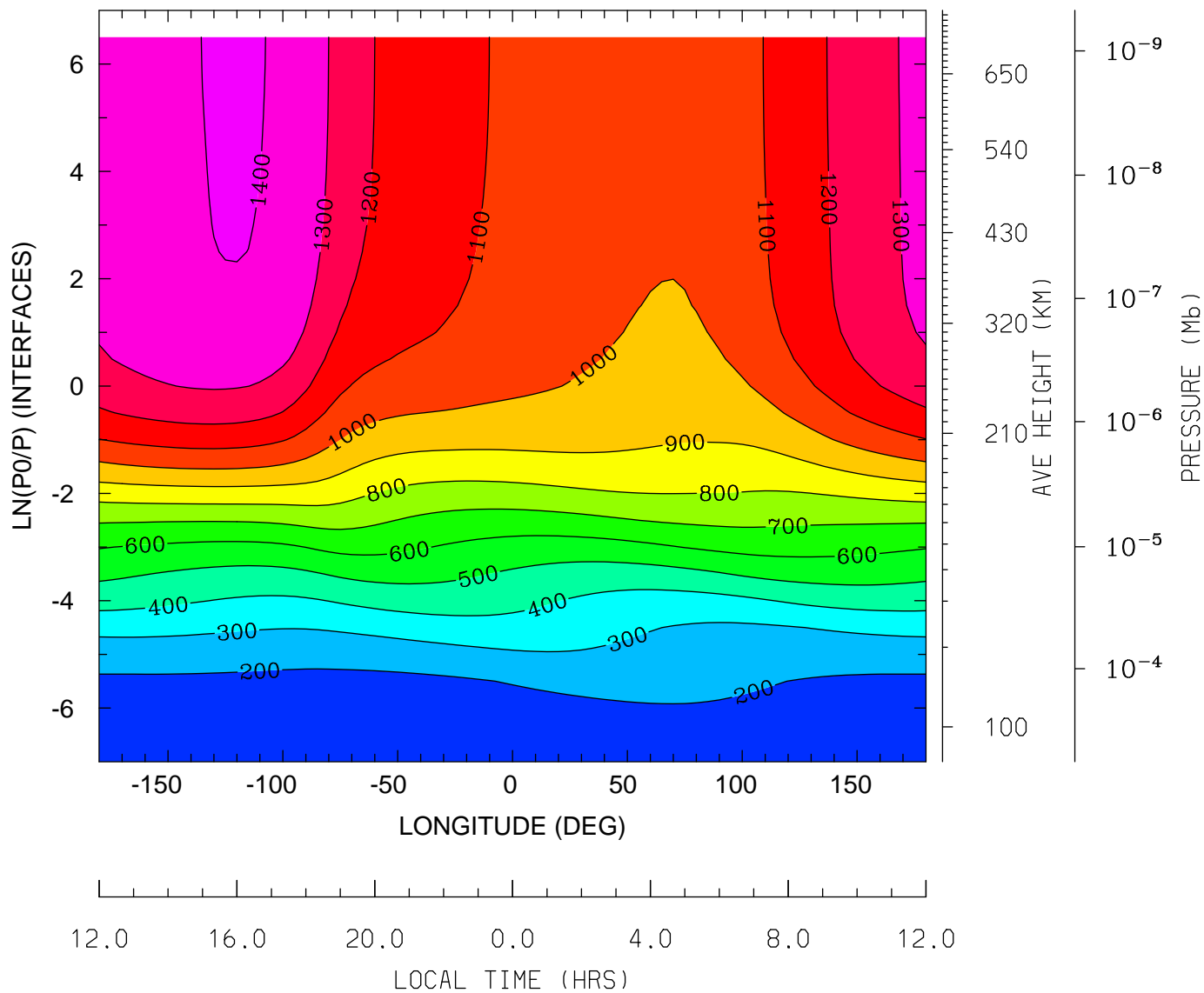
MIN,MAX= 1.6679E+02 1.3862E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



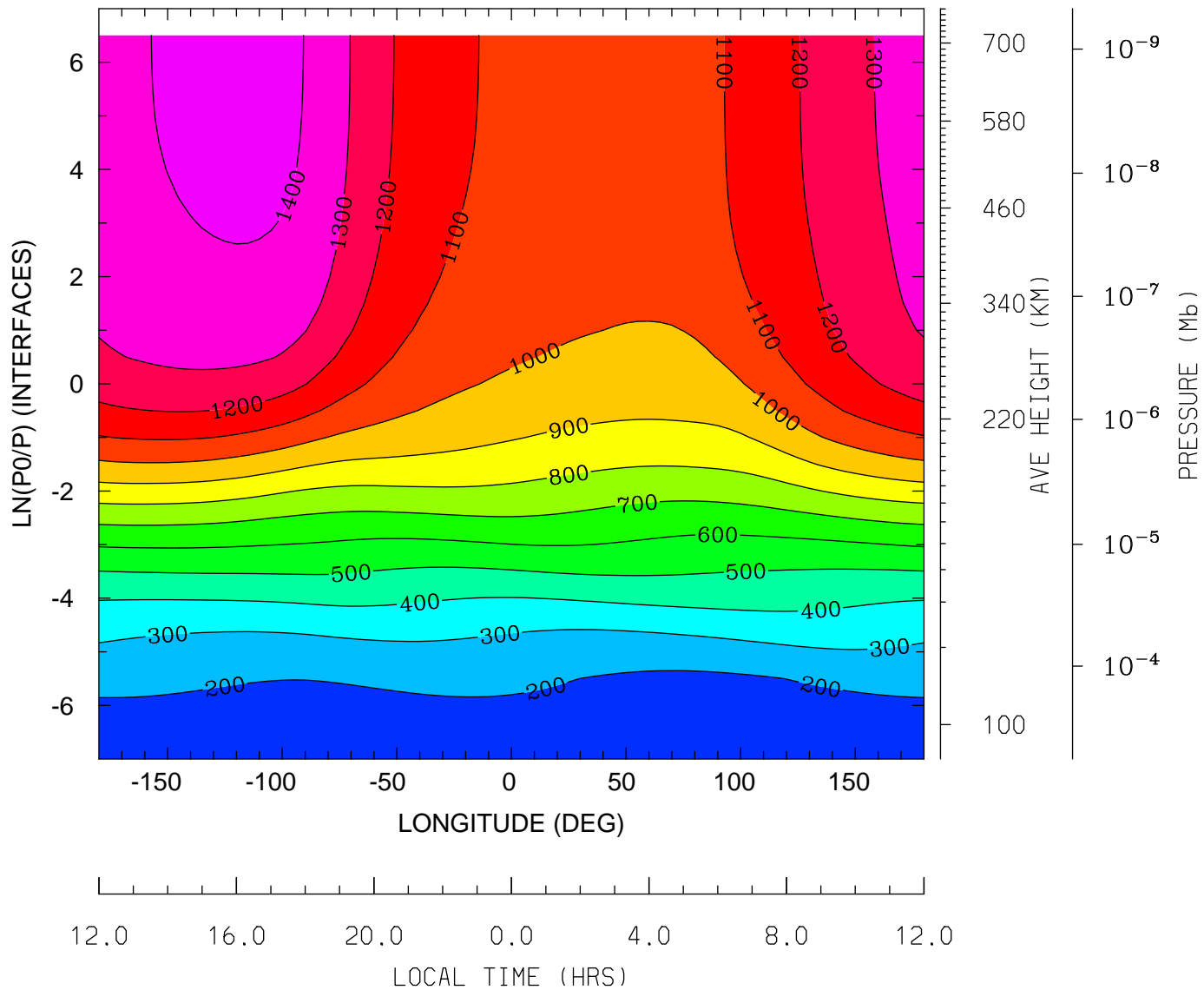
MIN,MAX= 1.6102E+02 1.4239E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



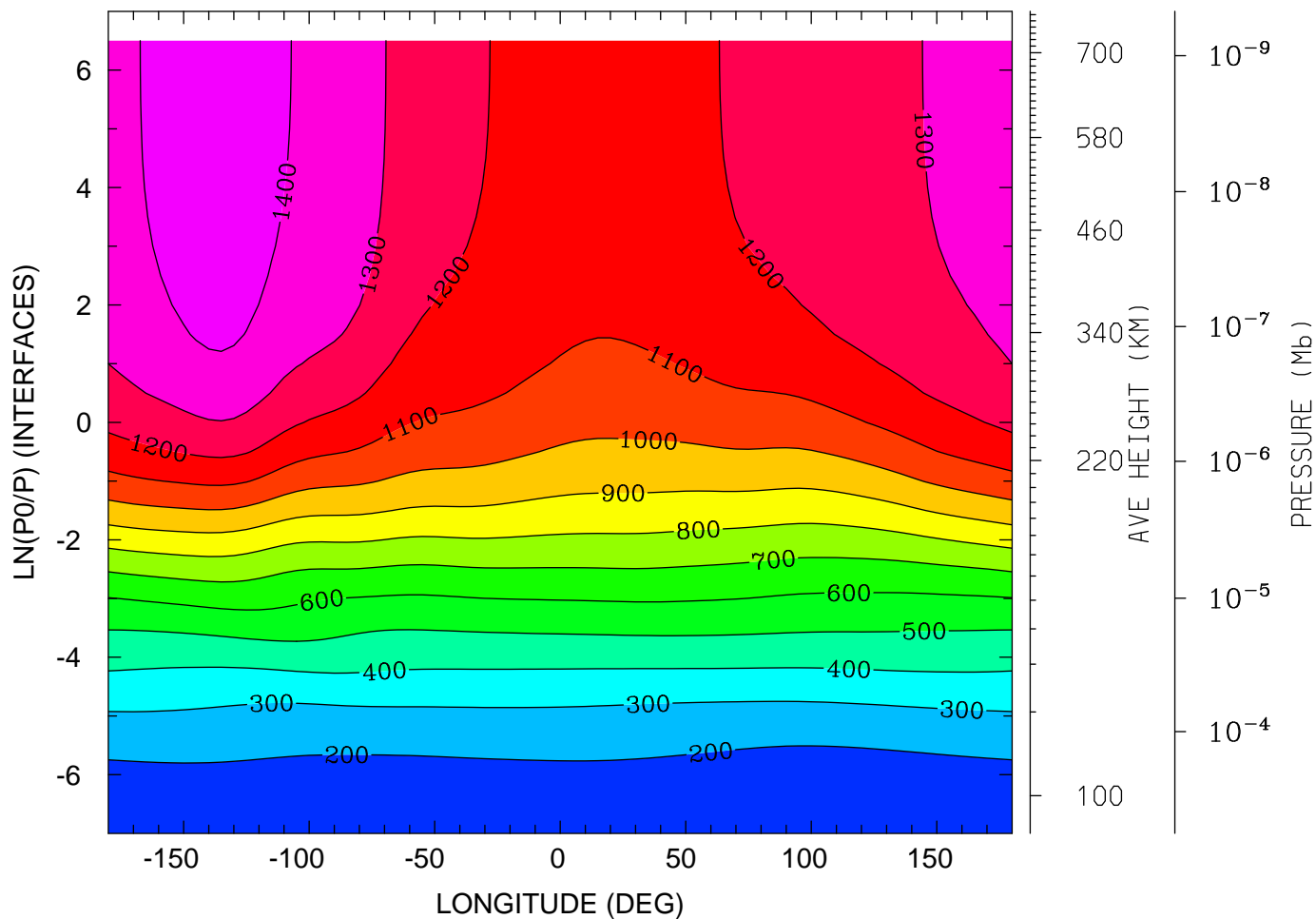
MIN,MAX= 1.5092E+02 1.4065E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 1.5868E+02 1.4298E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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

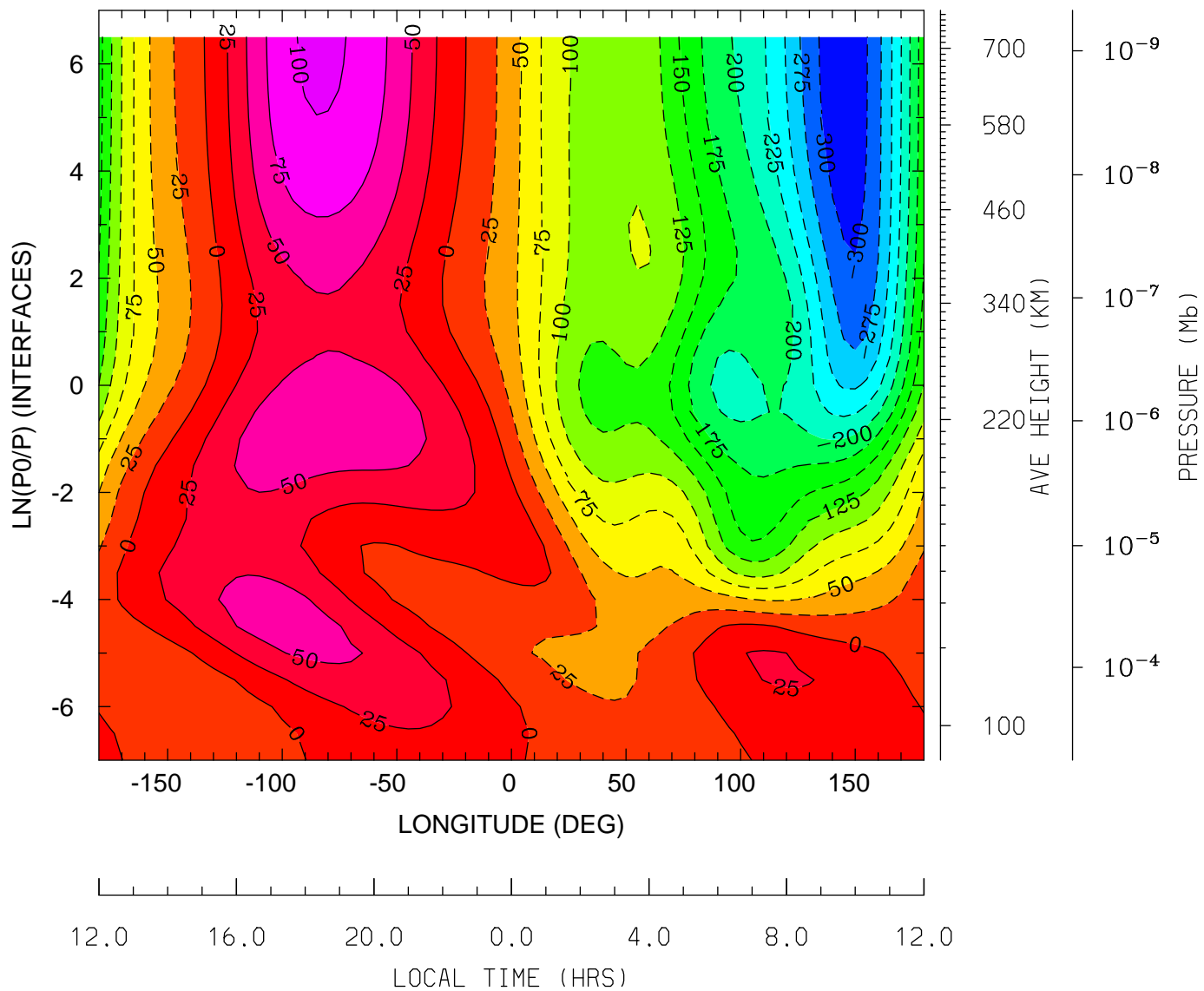


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.6535E+02 1.4603E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

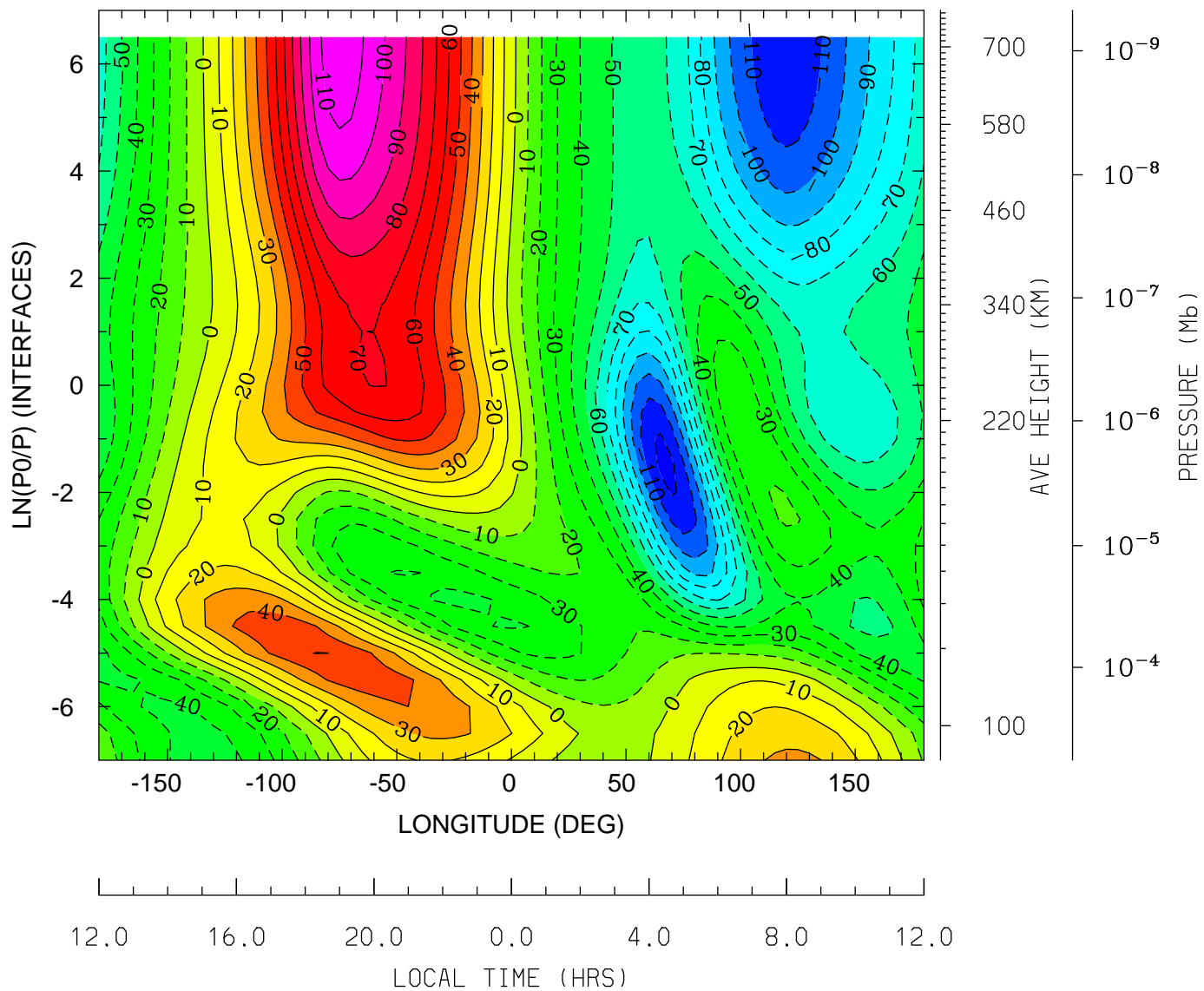


NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= -62.50 (DEG)



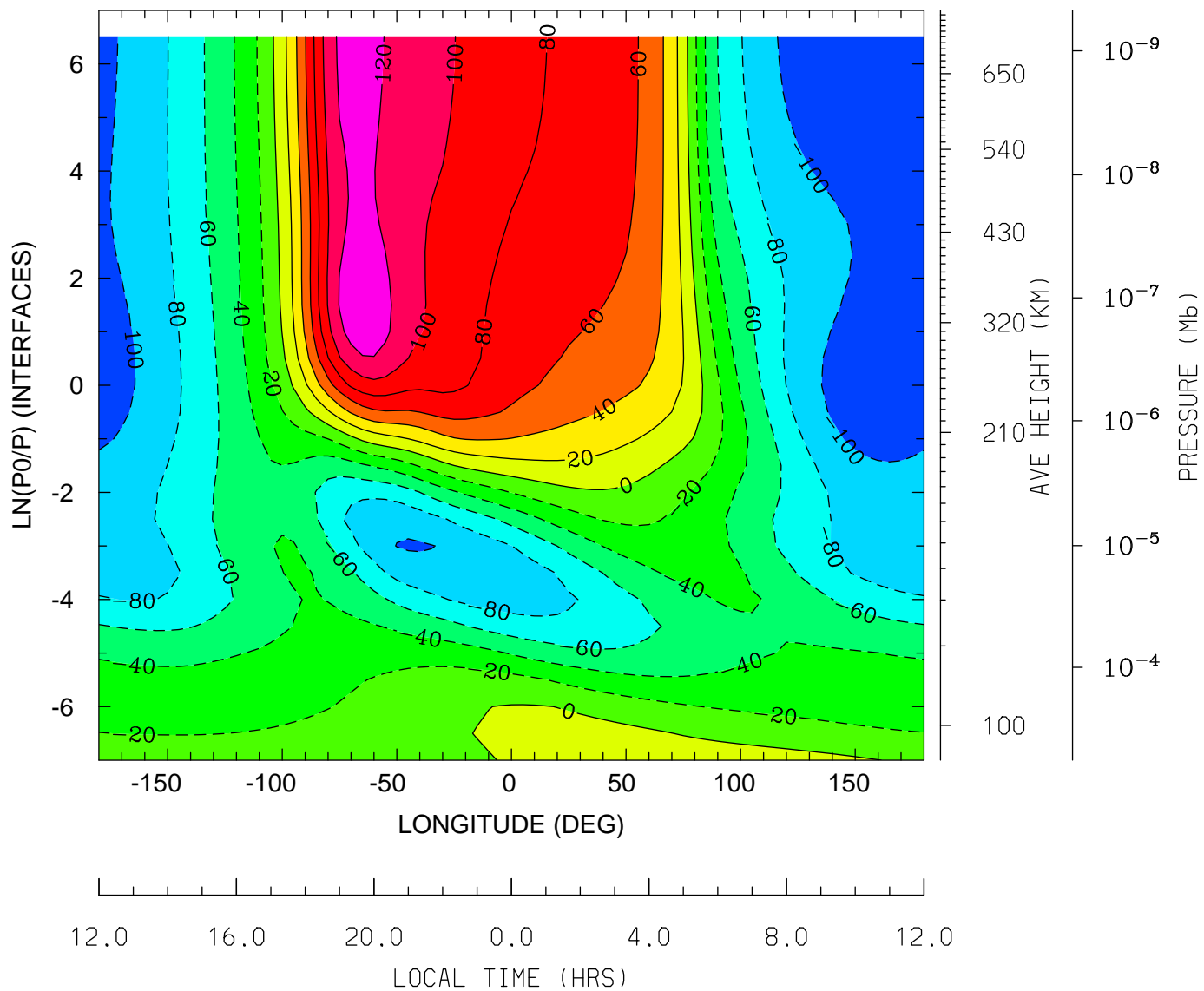
MIN,MAX= -3.1684E+02 1.0509E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



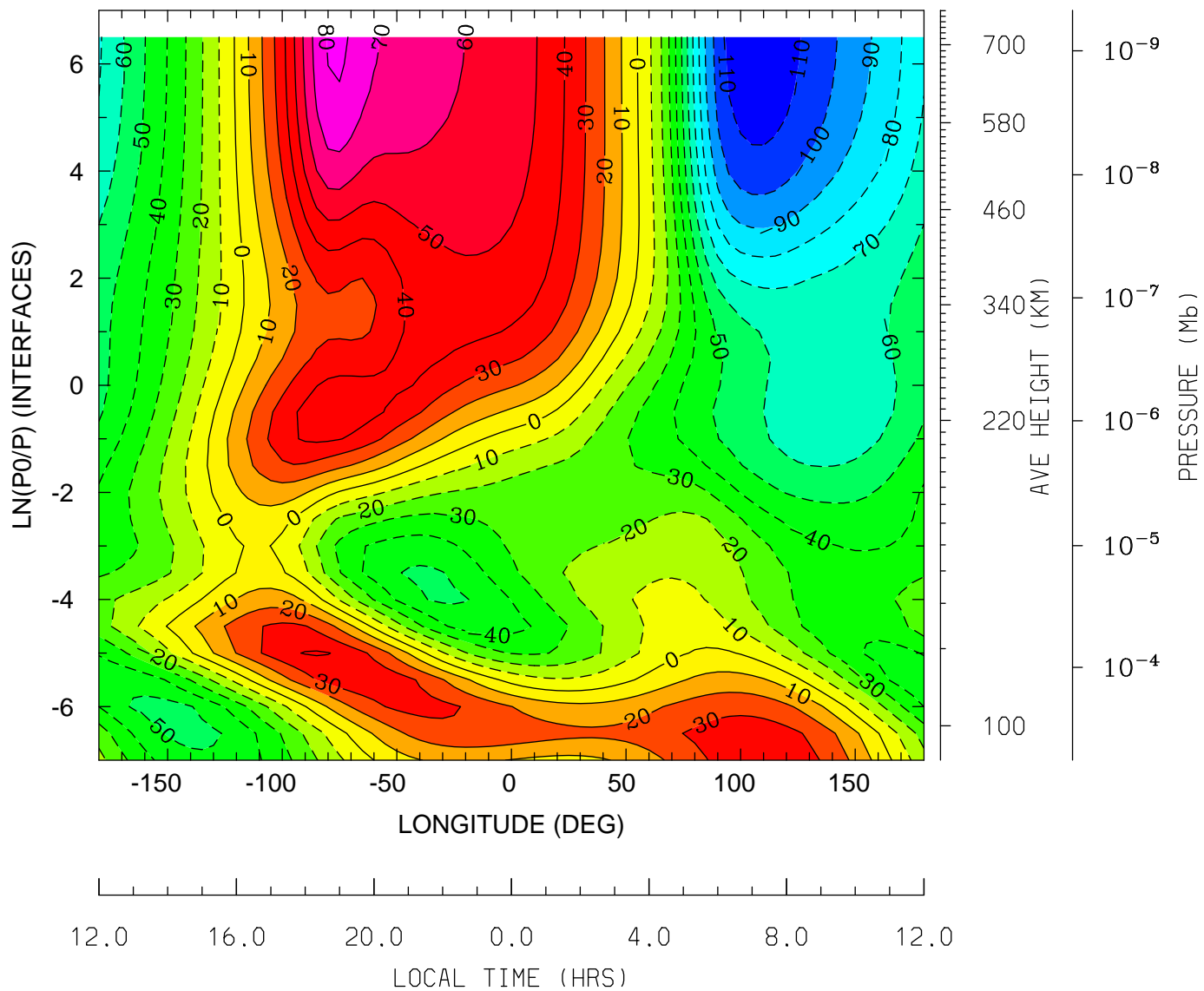
MIN,MAX= -1.2236E+02 1.1681E+02 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



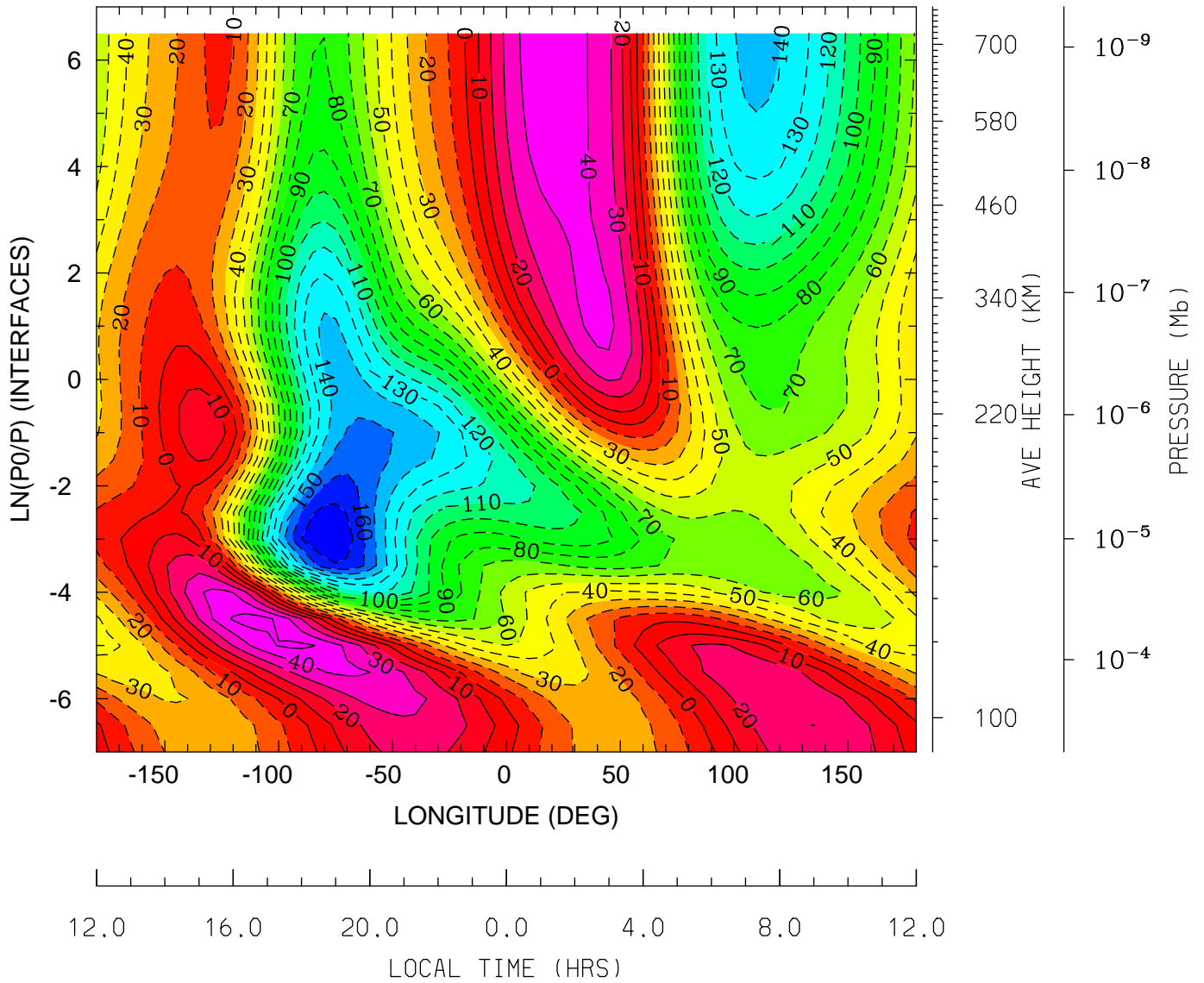
MIN,MAX= -1.1195E+02 1.3450E+02 INTERVAL= 2.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



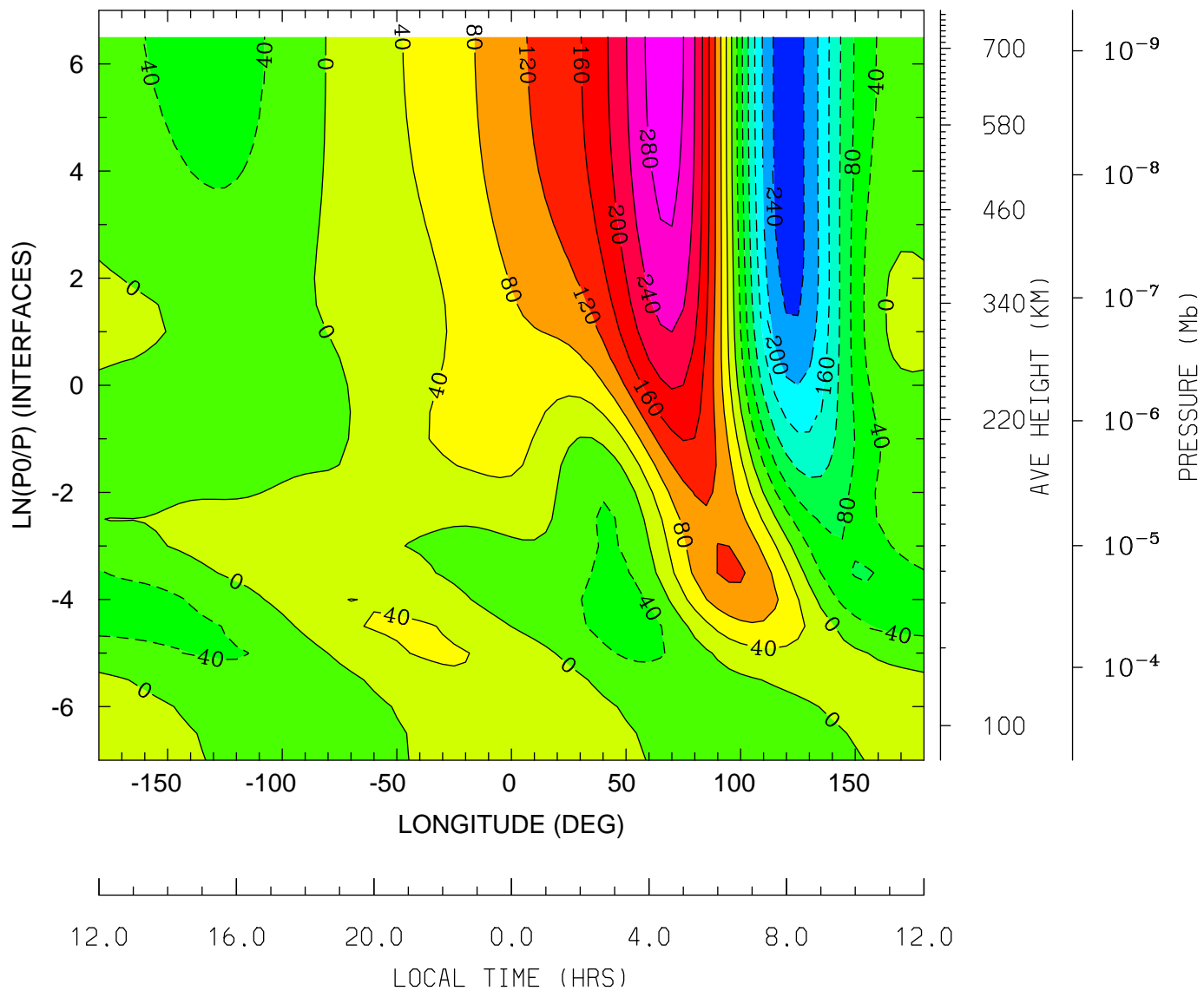
MIN,MAX= -1.1718E+02 8.2219E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



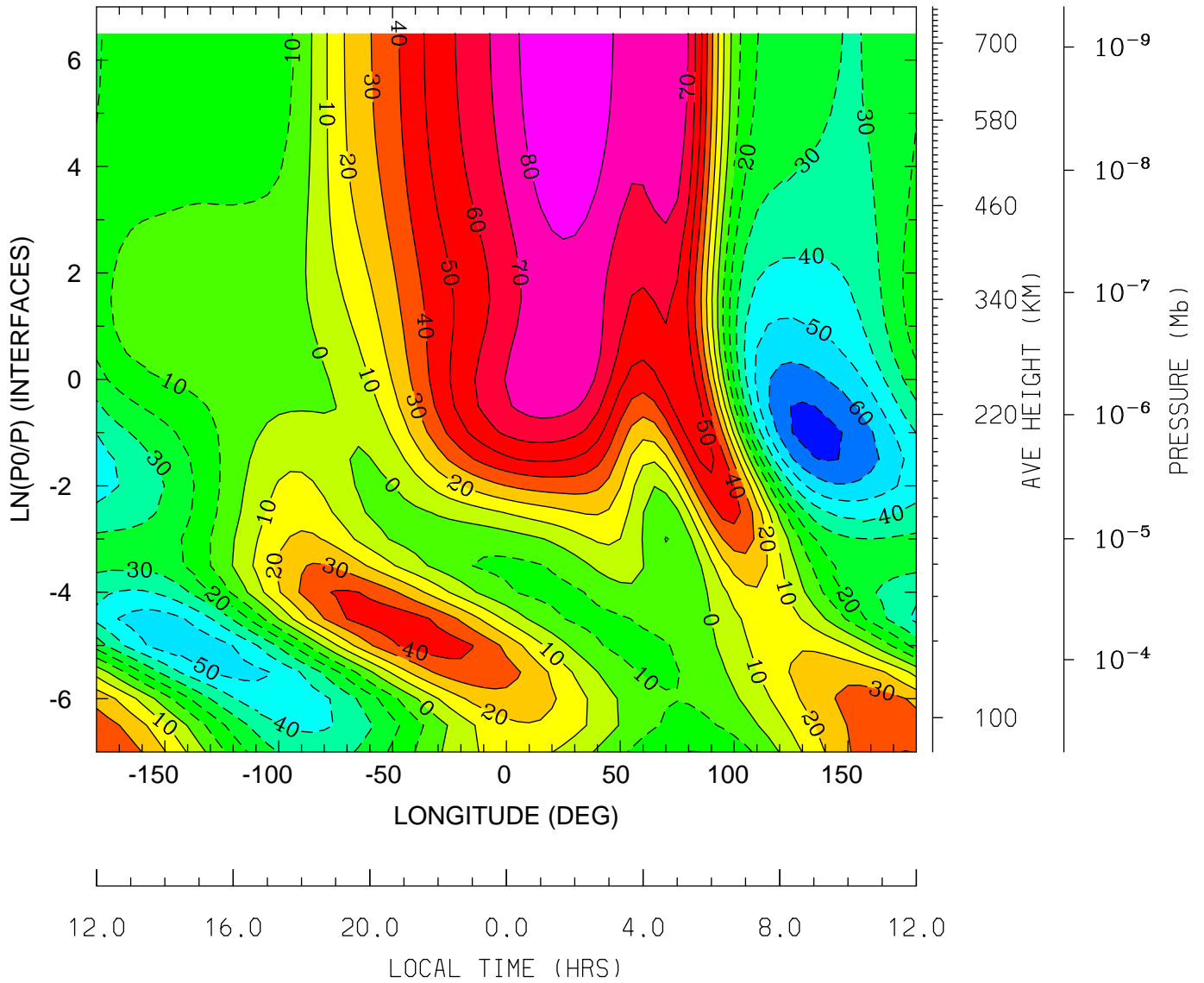
MIN,MAX= -1.8021E+02 5.4798E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



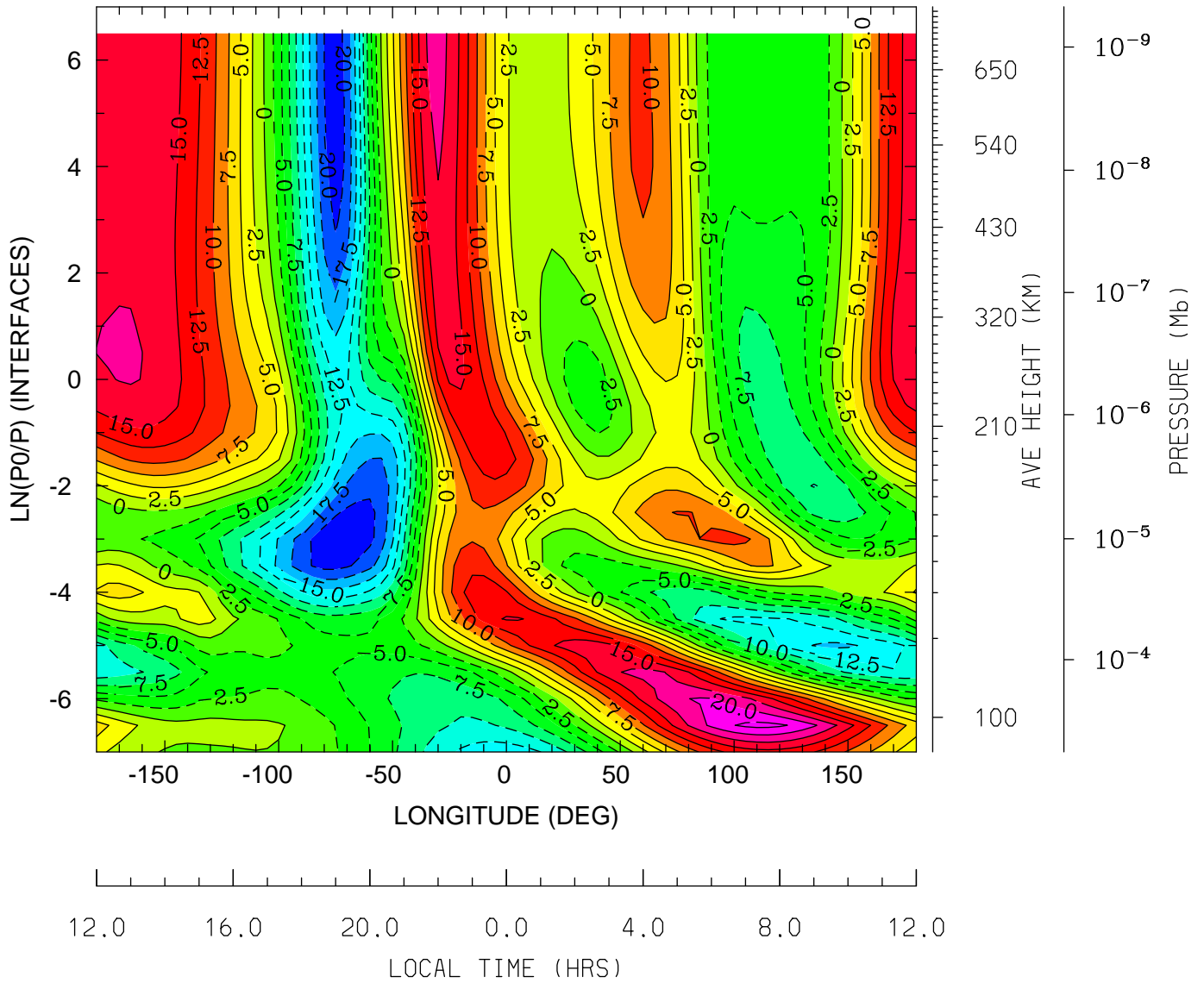
MIN,MAX= -2.6081E+02 3.0088E+02 INTERVAL= 4.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= -7.4203E+01 8.9825E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

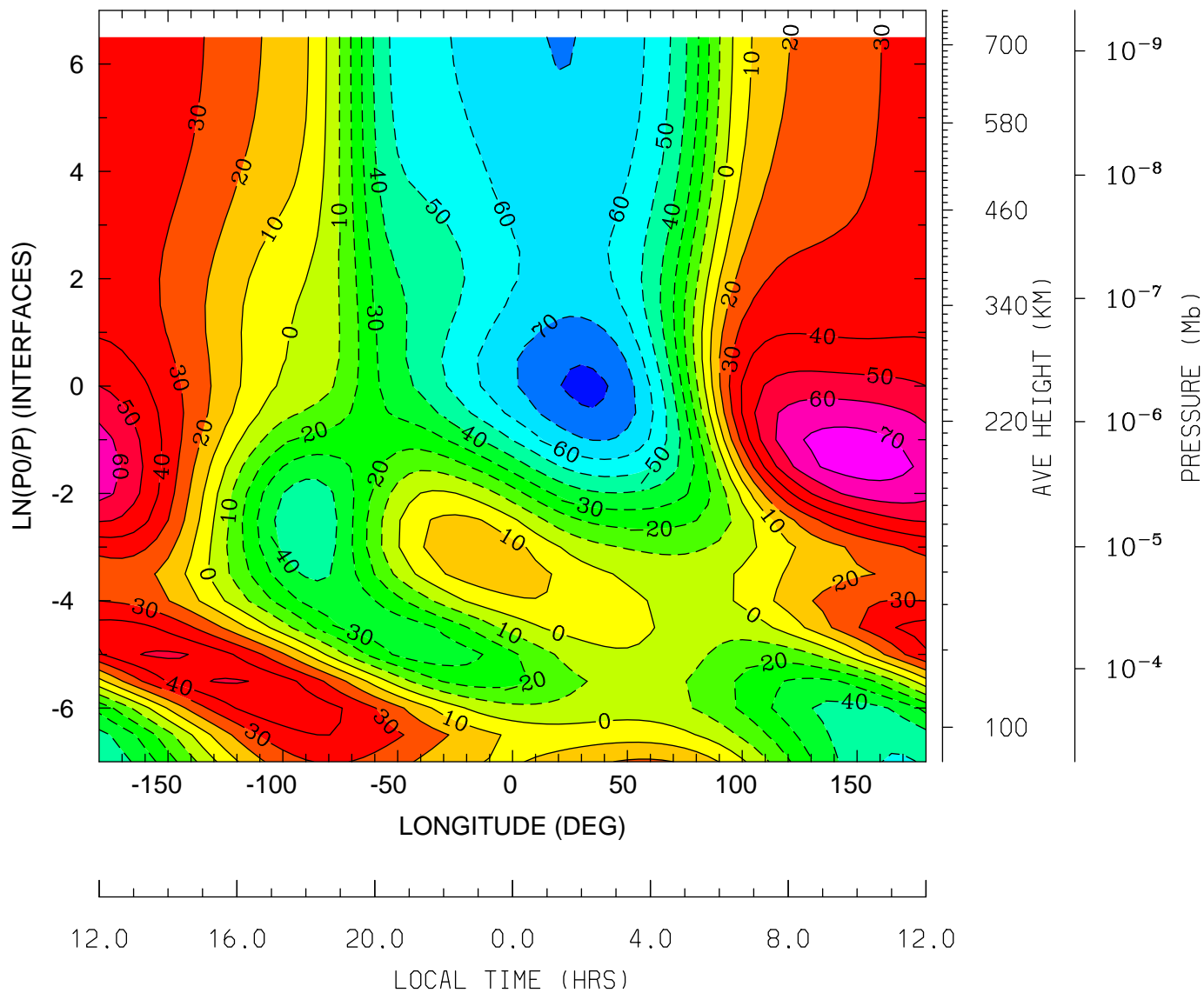
NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= -2.50 (DEG)



MIN,MAX= -2.2273E+01 2.3243E+01 INTERVAL= 2.5000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

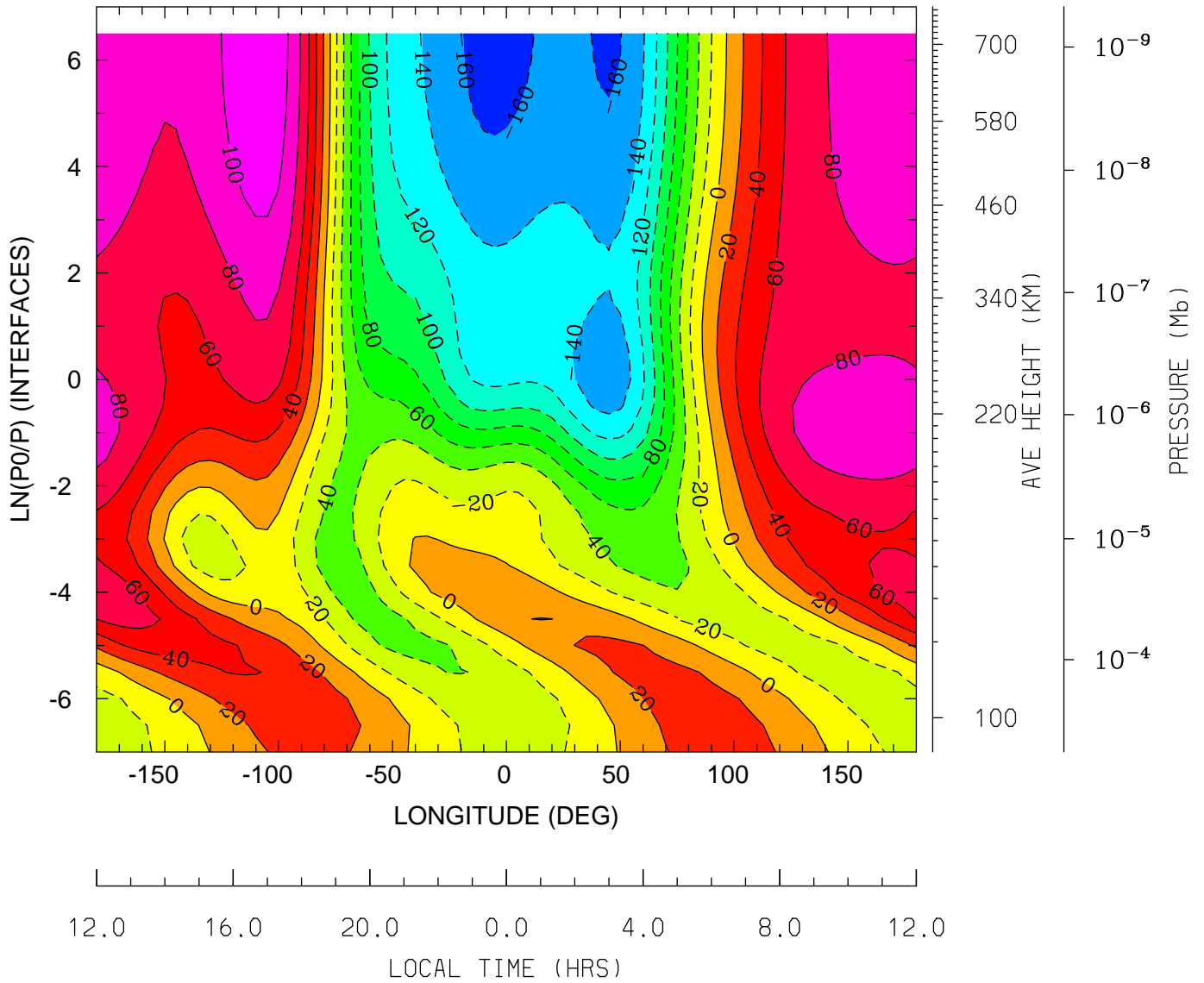


NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= 37.50 (DEG)



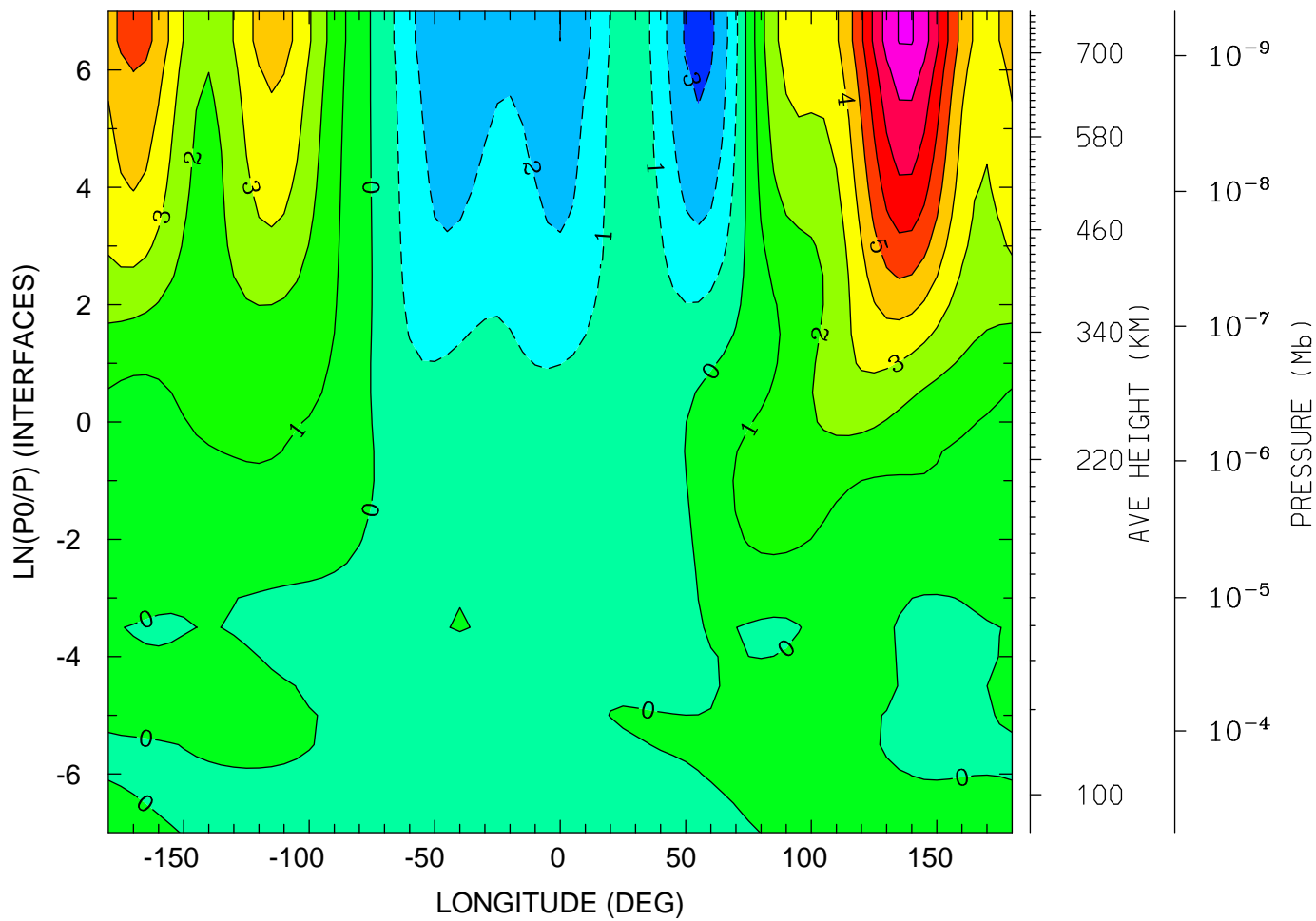
MIN,MAX= -8.2242E+01 7.5093E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= -1.6579E+02 1.1515E+02 INTERVAL= 2.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

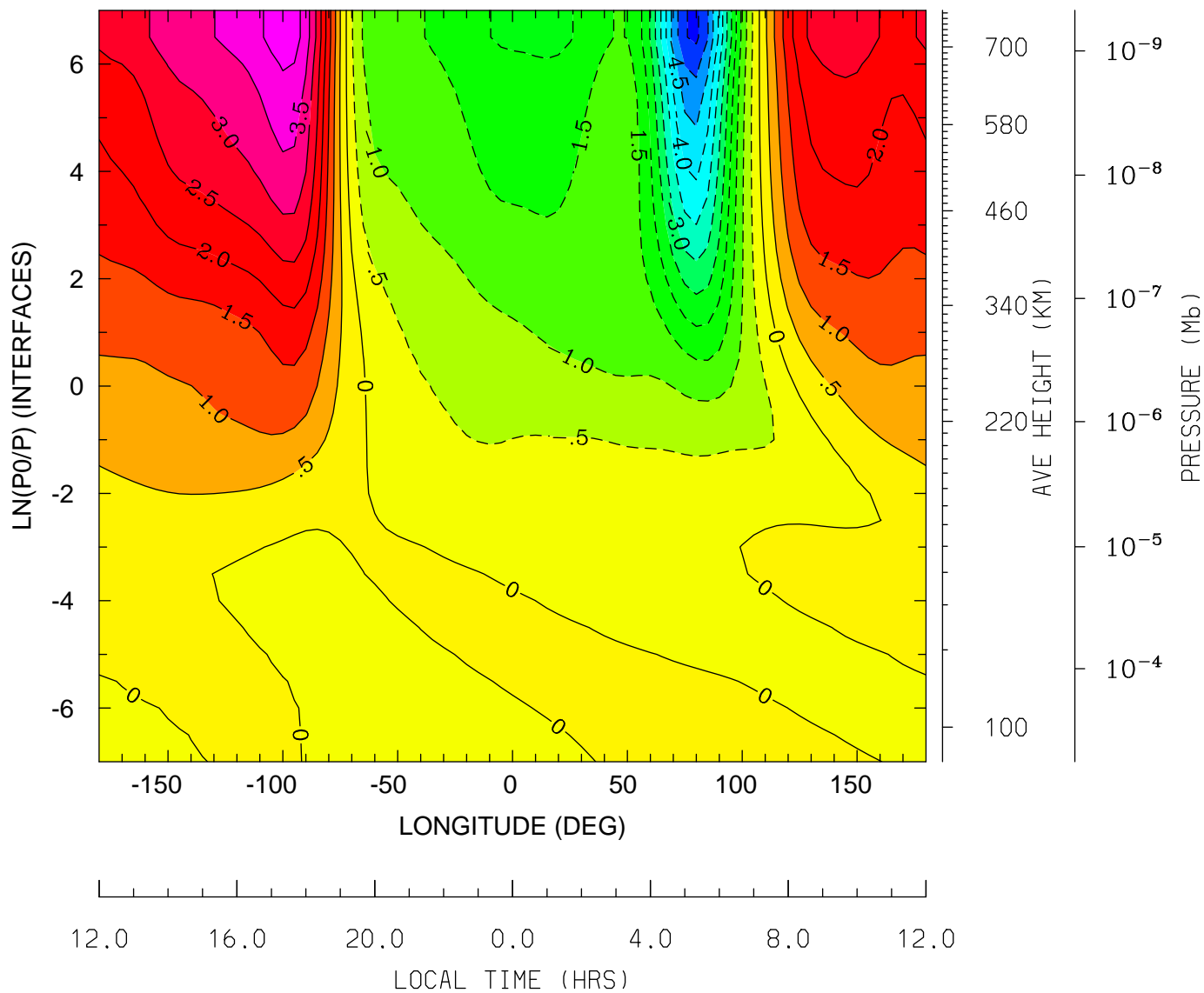
NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= -62.50 (DEG)



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

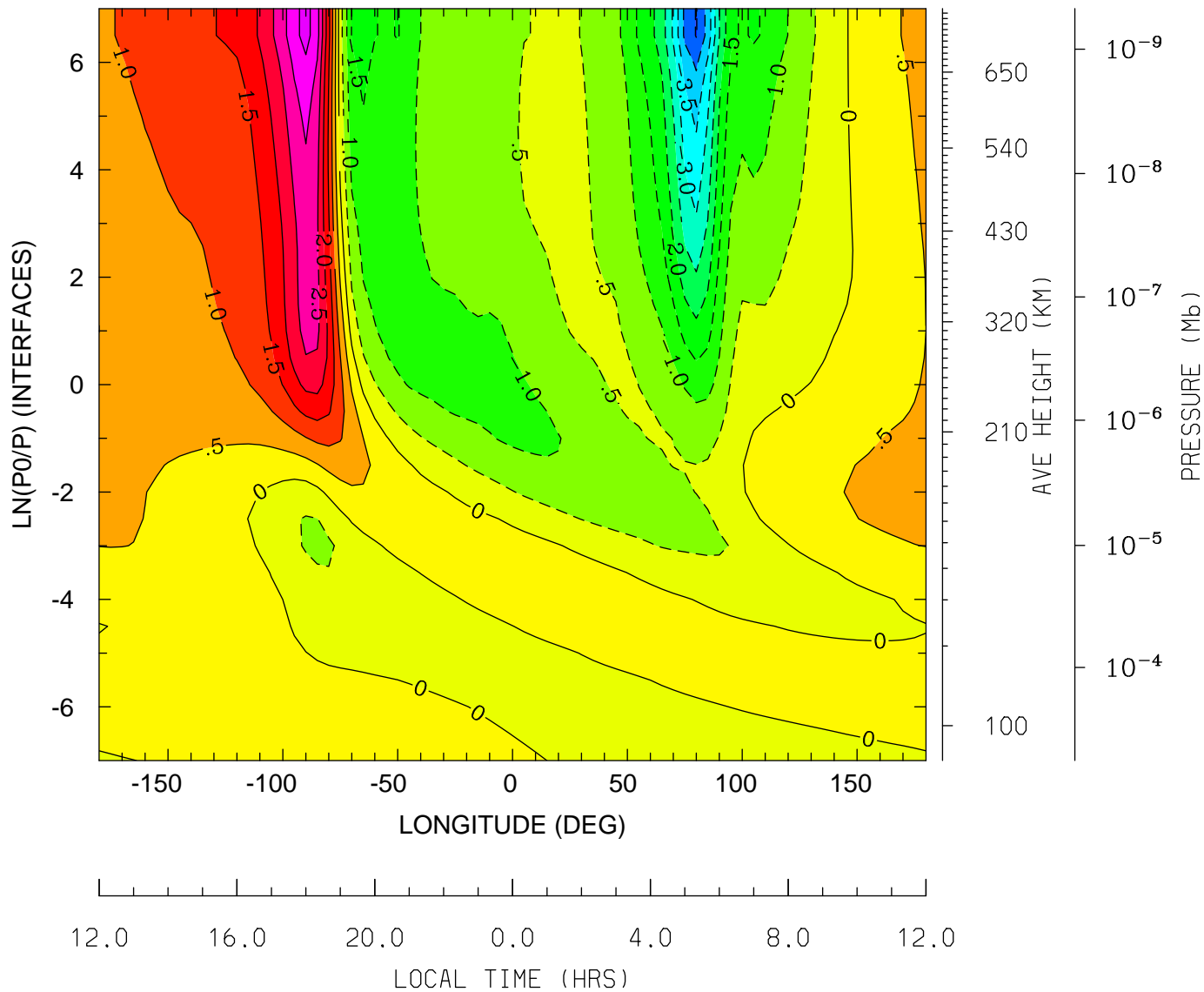
MIN,MAX= -3.4154E+00 9.0756E+00 INTERVAL= 1.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



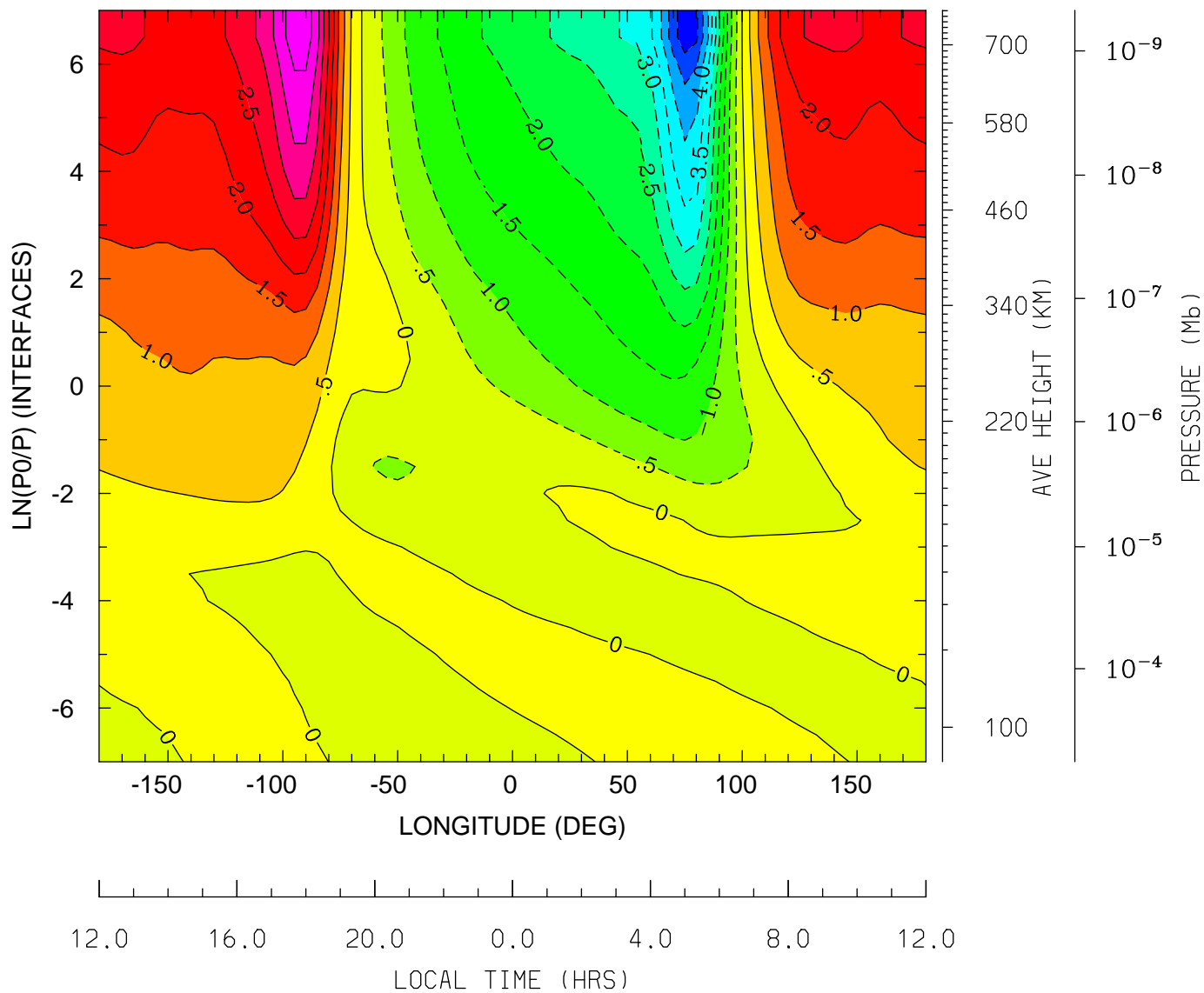
MIN,MAX= -5.6124E+00 4.3028E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



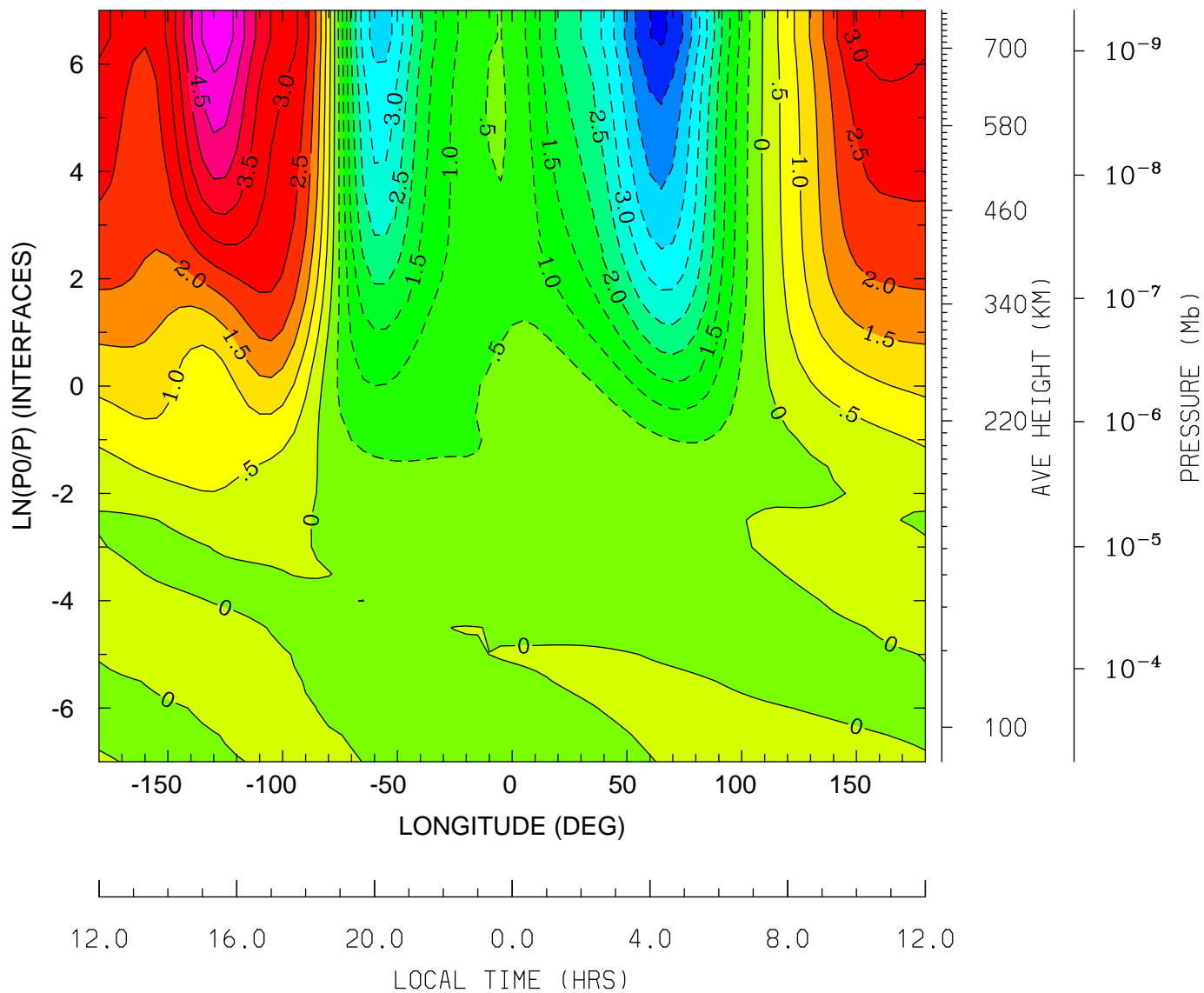
MIN,MAX= -4.5311E+00 3.6847E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



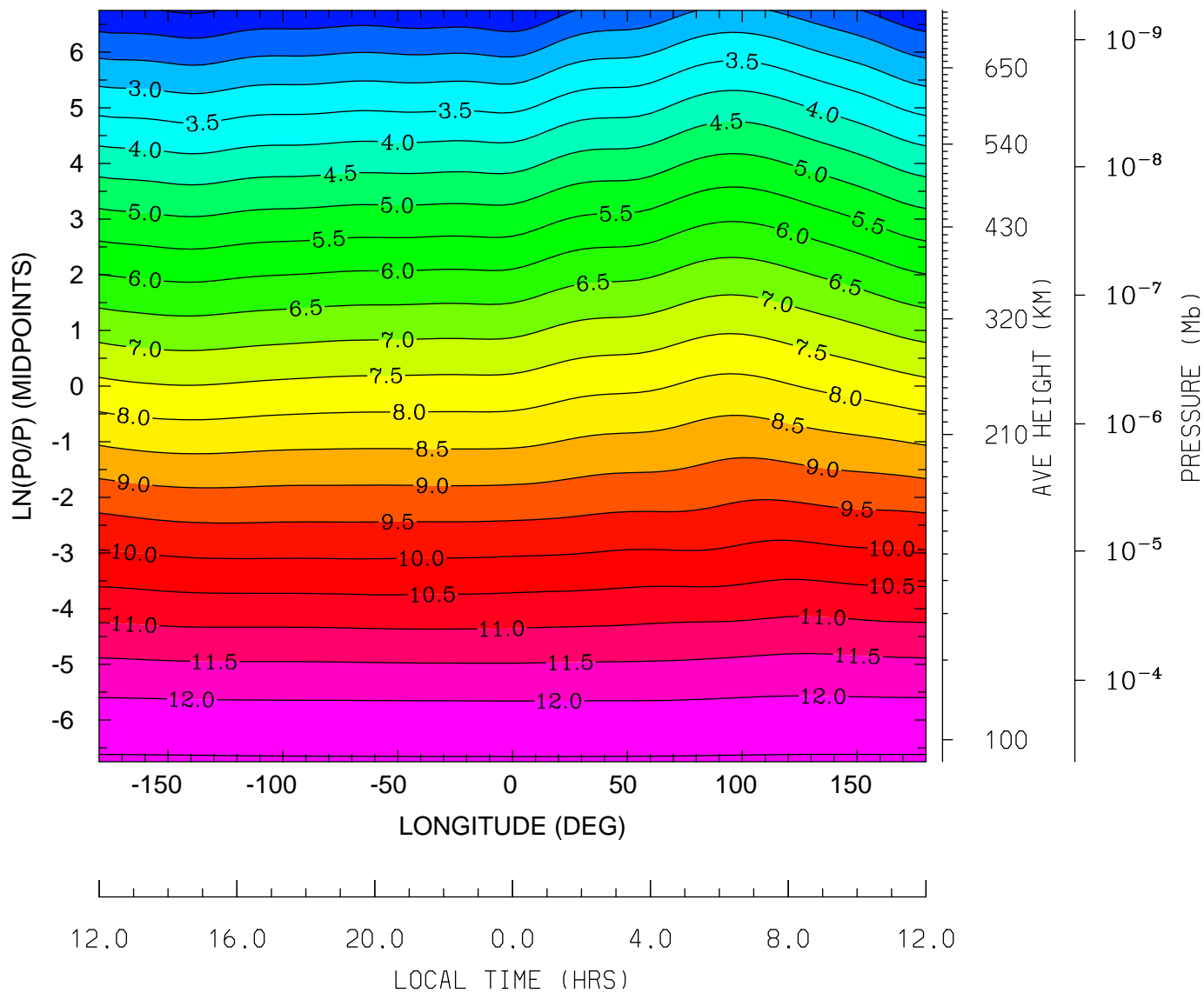
MIN,MAX= -5.3262E+00 4.3112E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= -5.0944E+00 5.3431E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

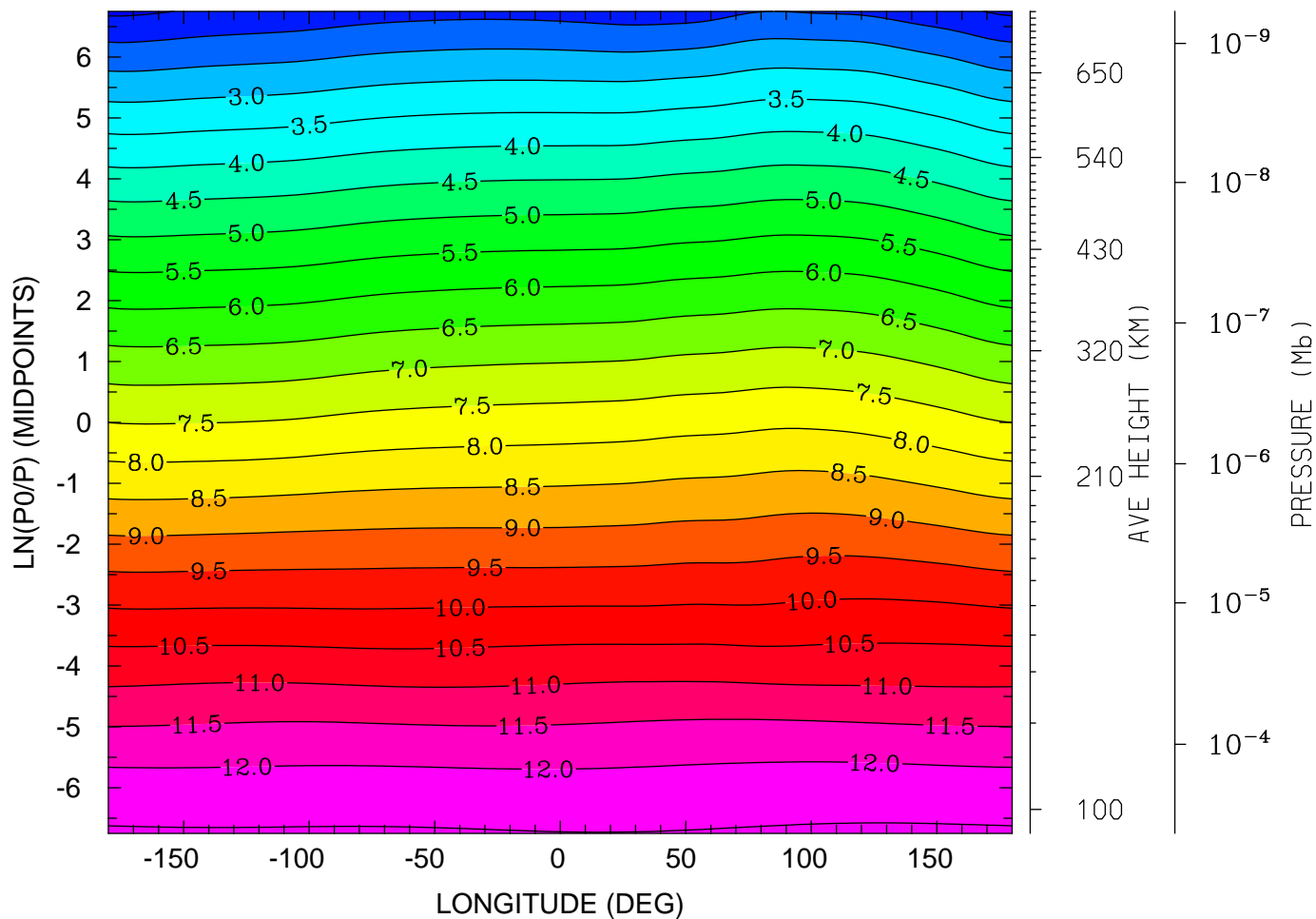
LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



MIN,MAX= 1.4378E+00 1.2551E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc



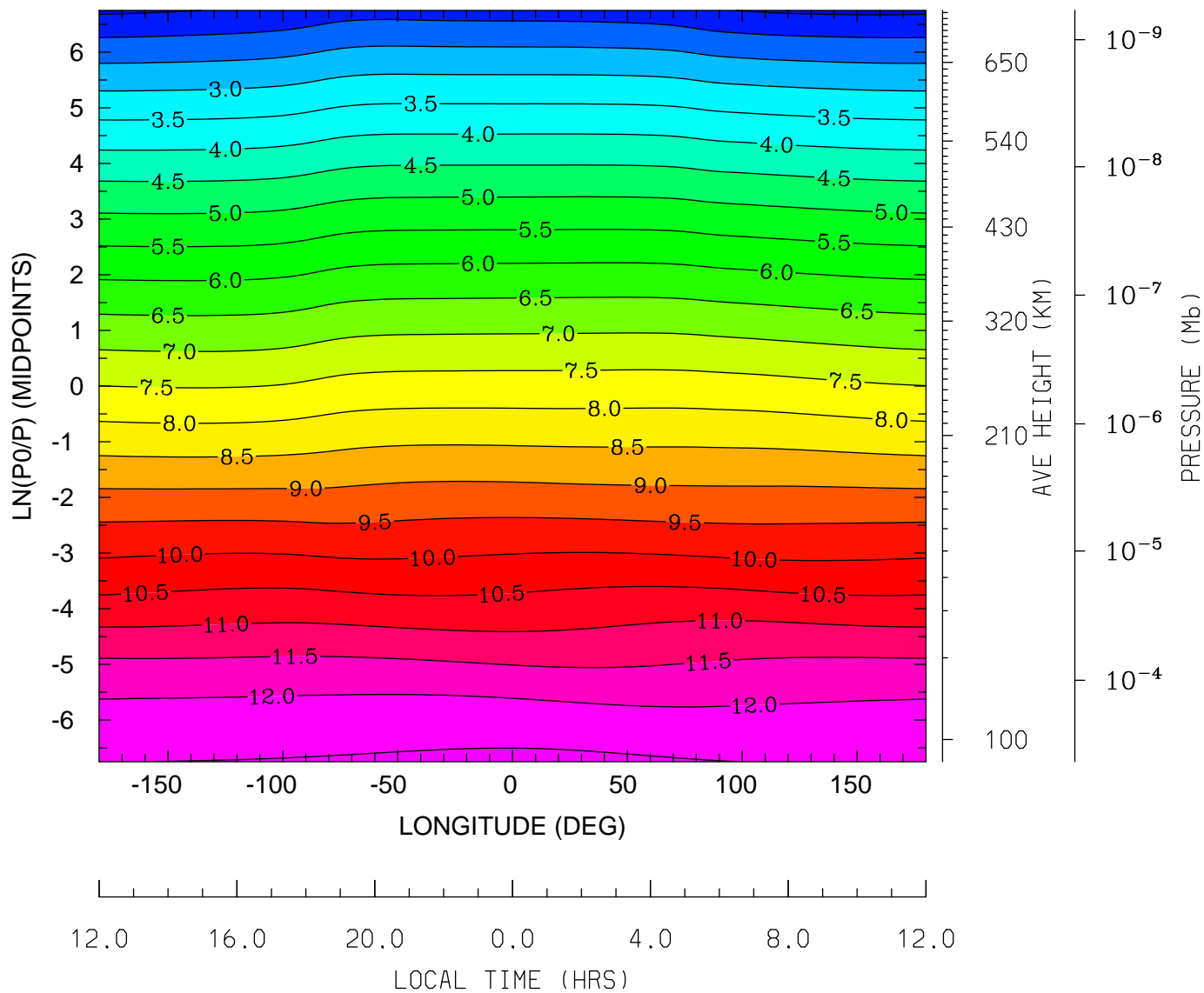
LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= -42.50 (DEG)



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

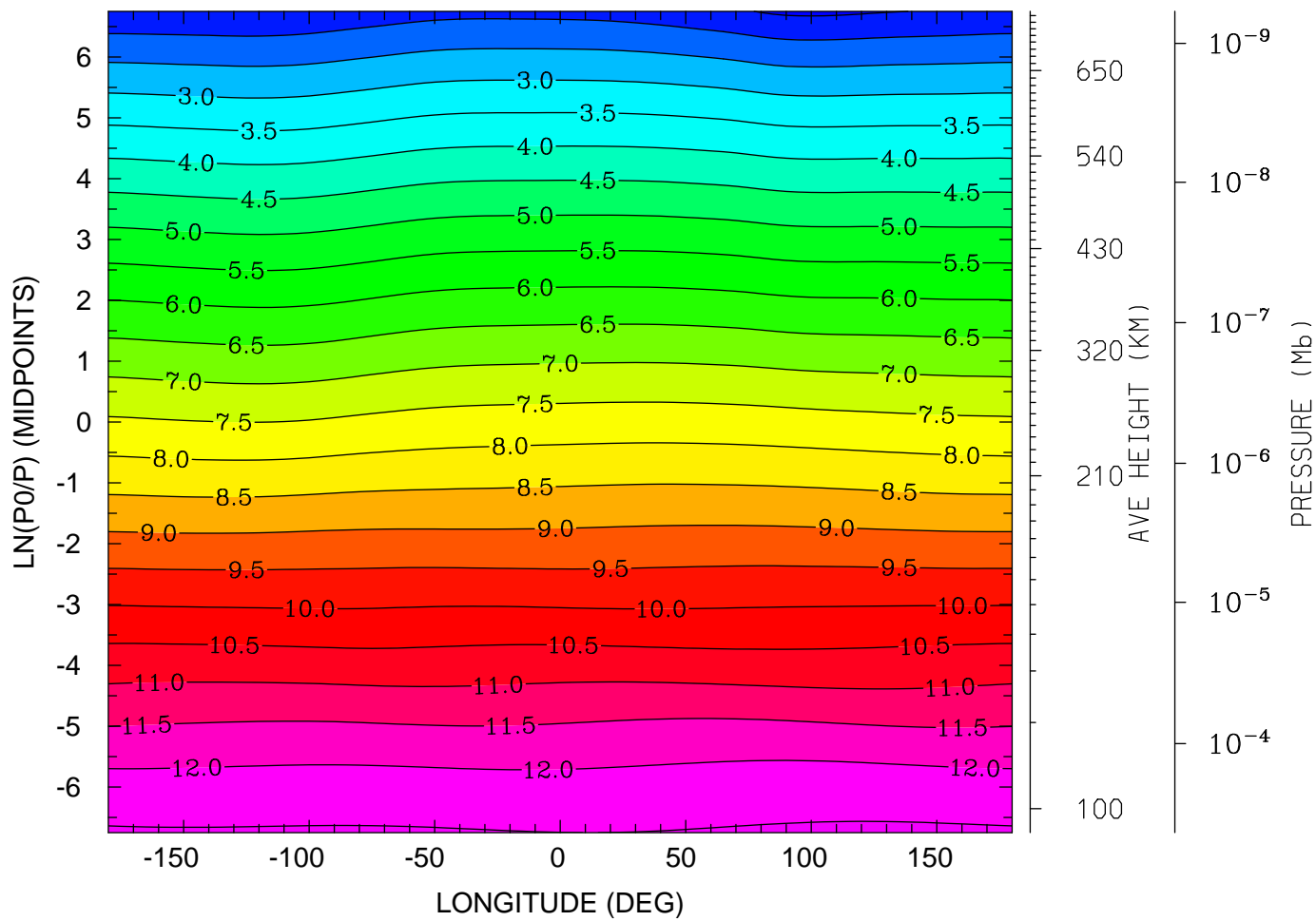
MIN,MAX= 1.4109E+00 1.2570E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 1.4025E+00 1.2604E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

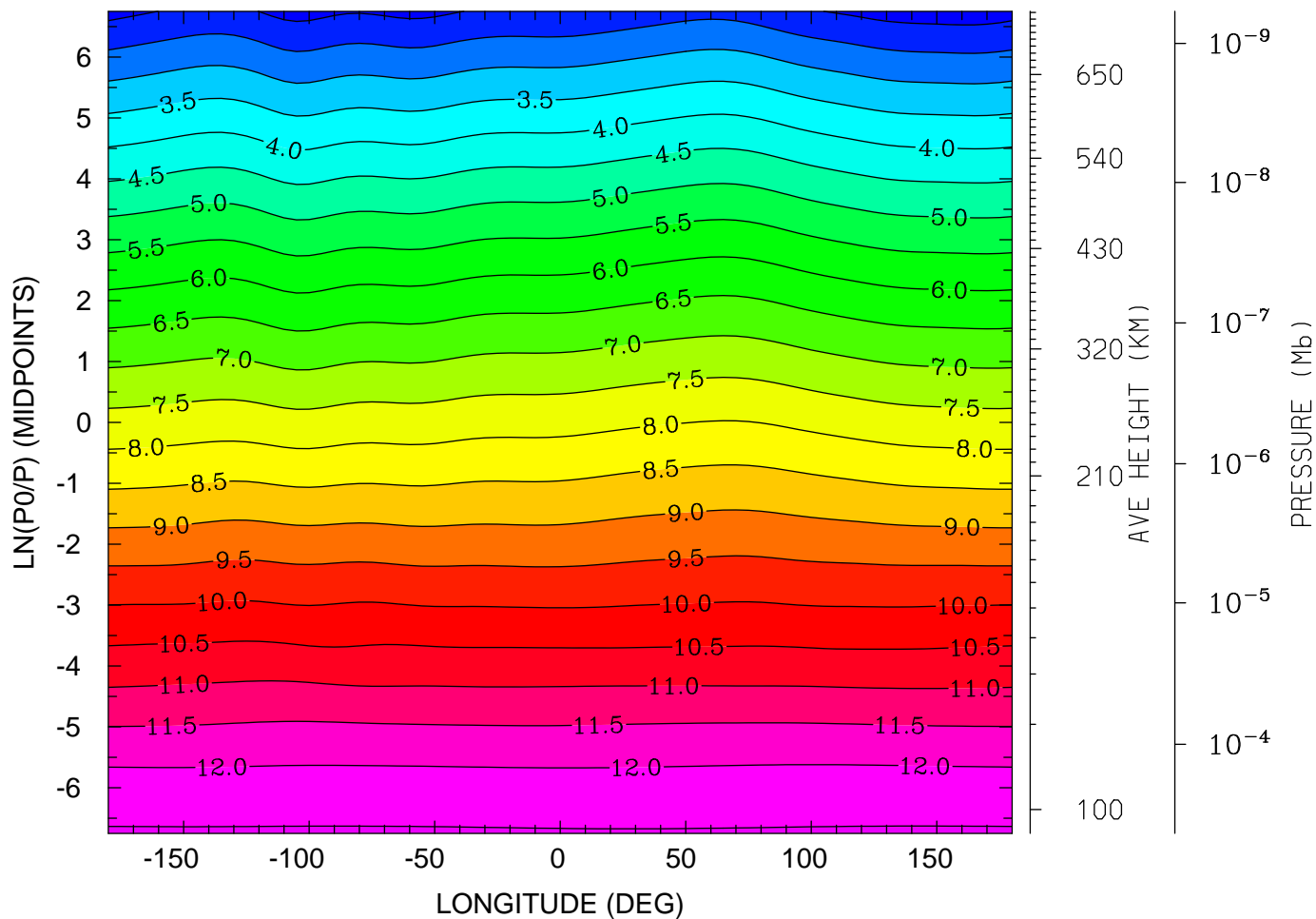
LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= 37.50 (DEG)



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

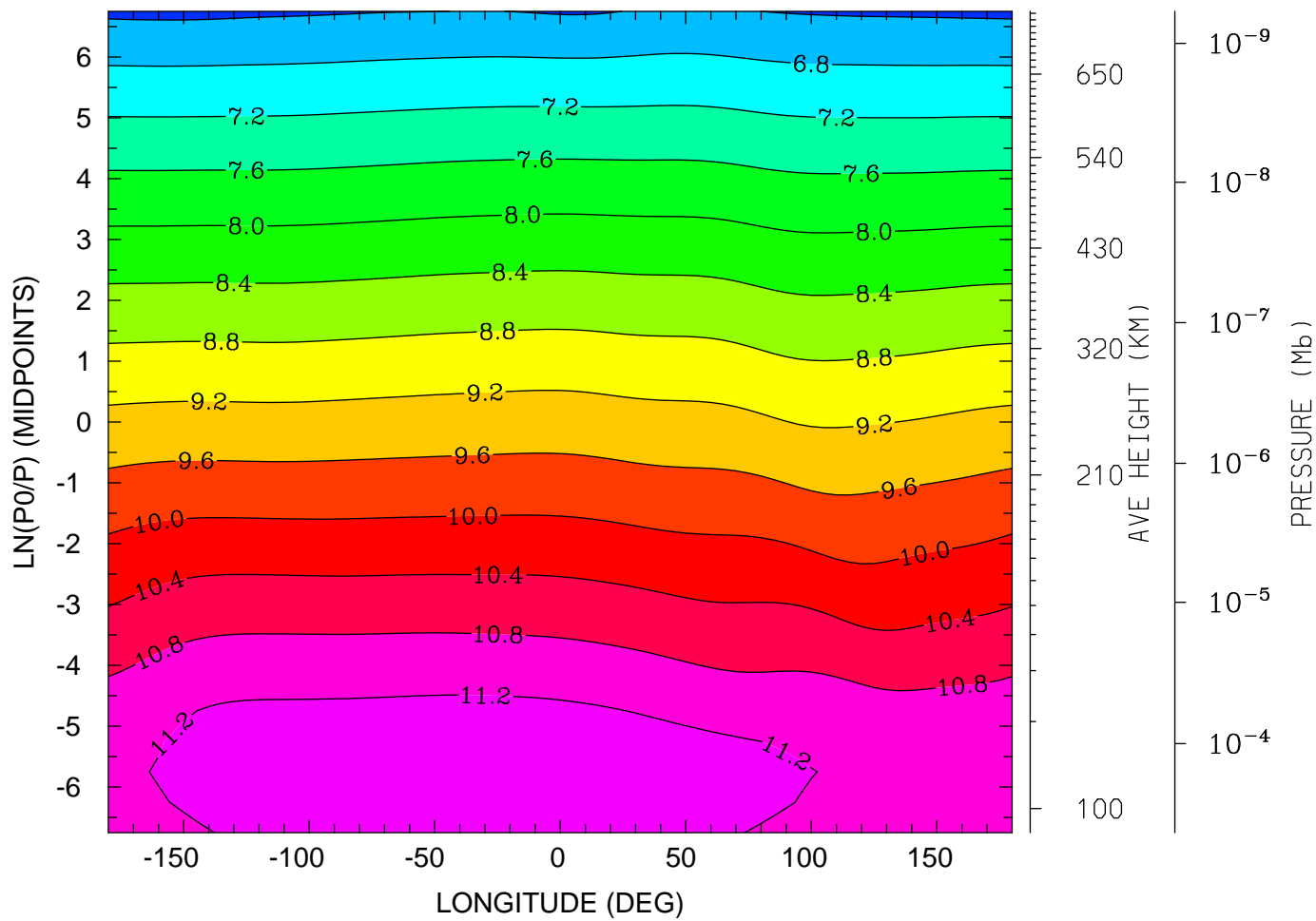
MIN,MAX= 1.4045E+00 1.2576E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 1.7530E+00 1.2549E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

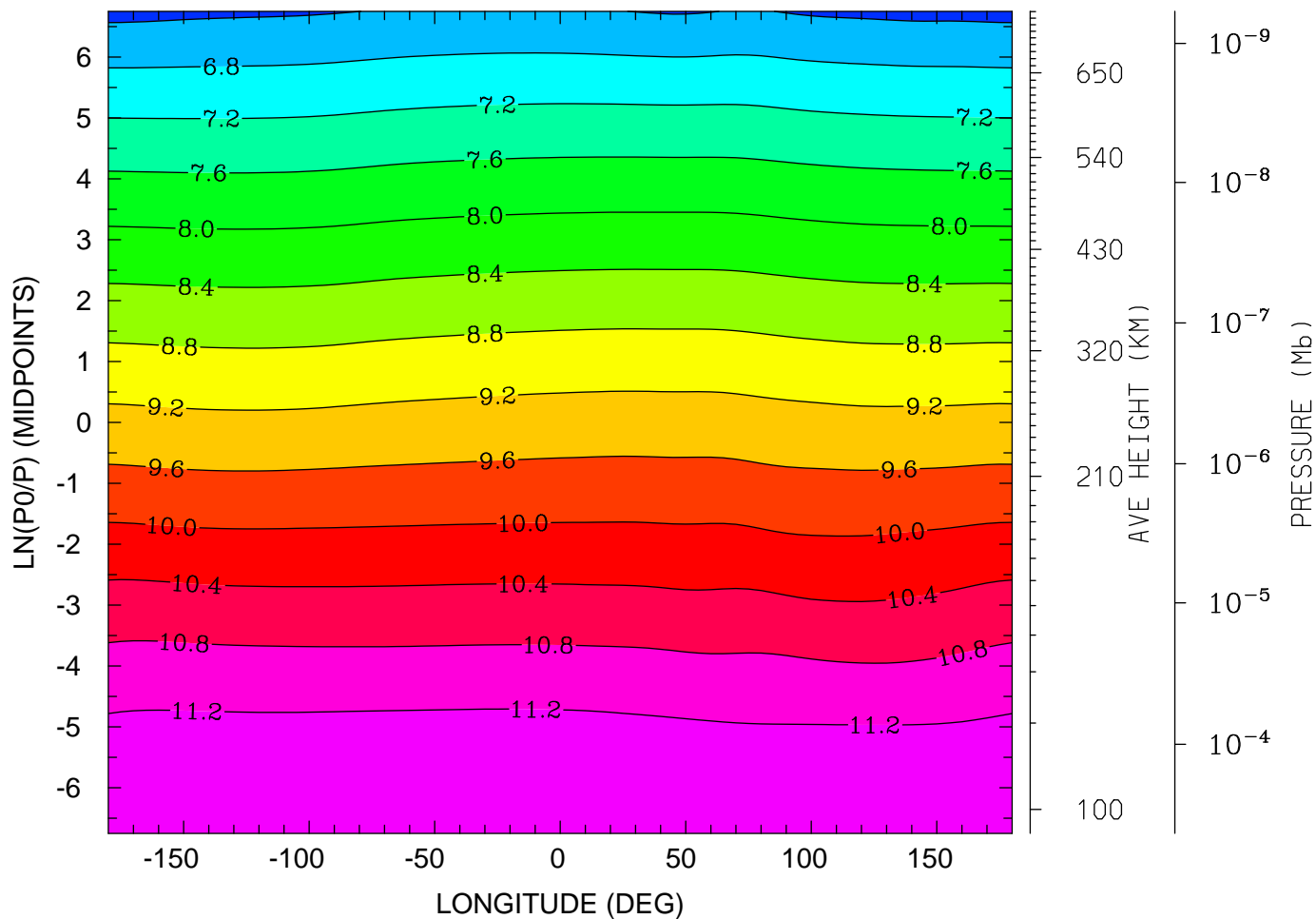
LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



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

MIN,MAX= 6.3214E+00 1.1497E+01 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

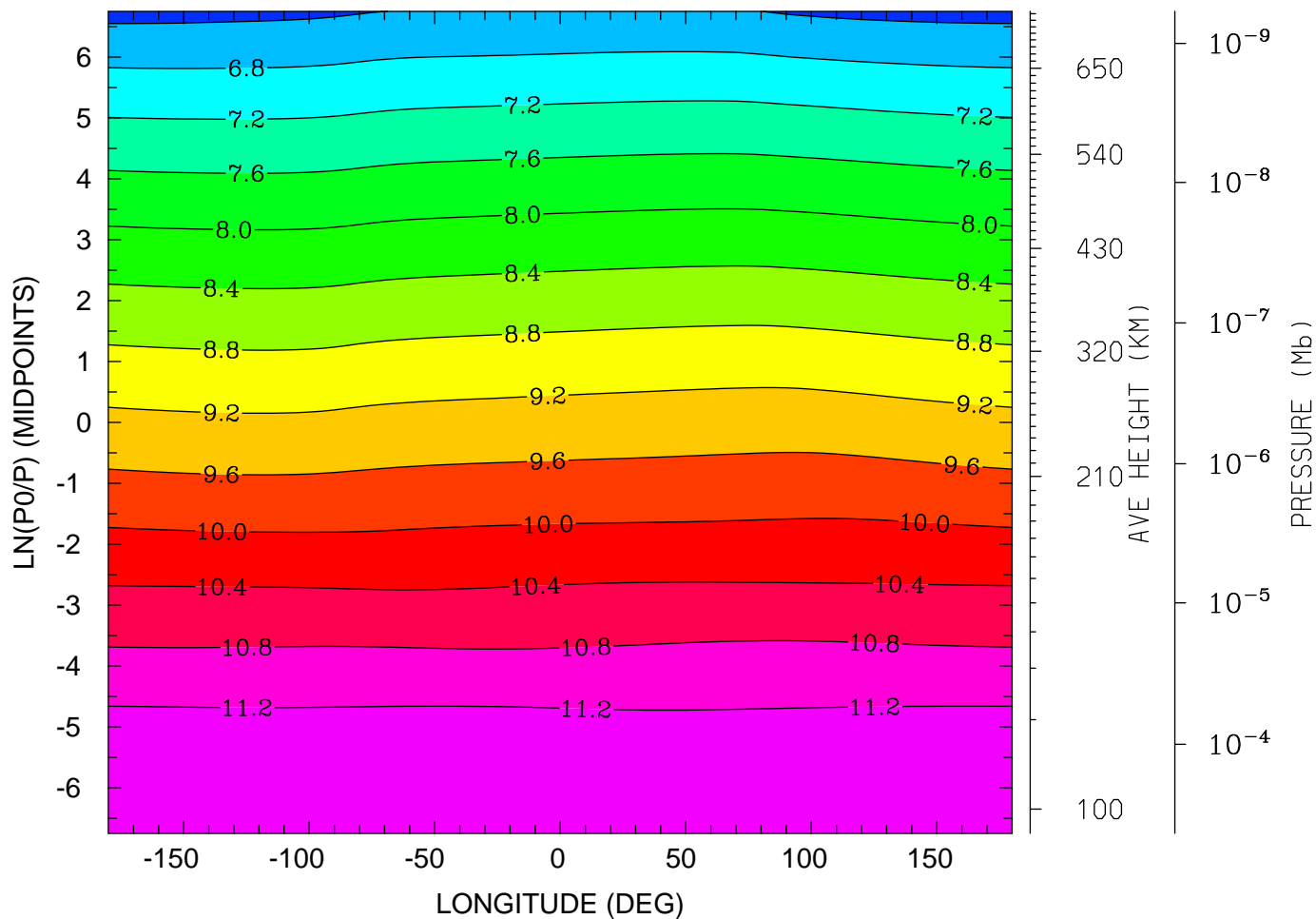
LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= -42.50 (DEG)



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

MIN,MAX= 6.2953E+00 1.1476E+01 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

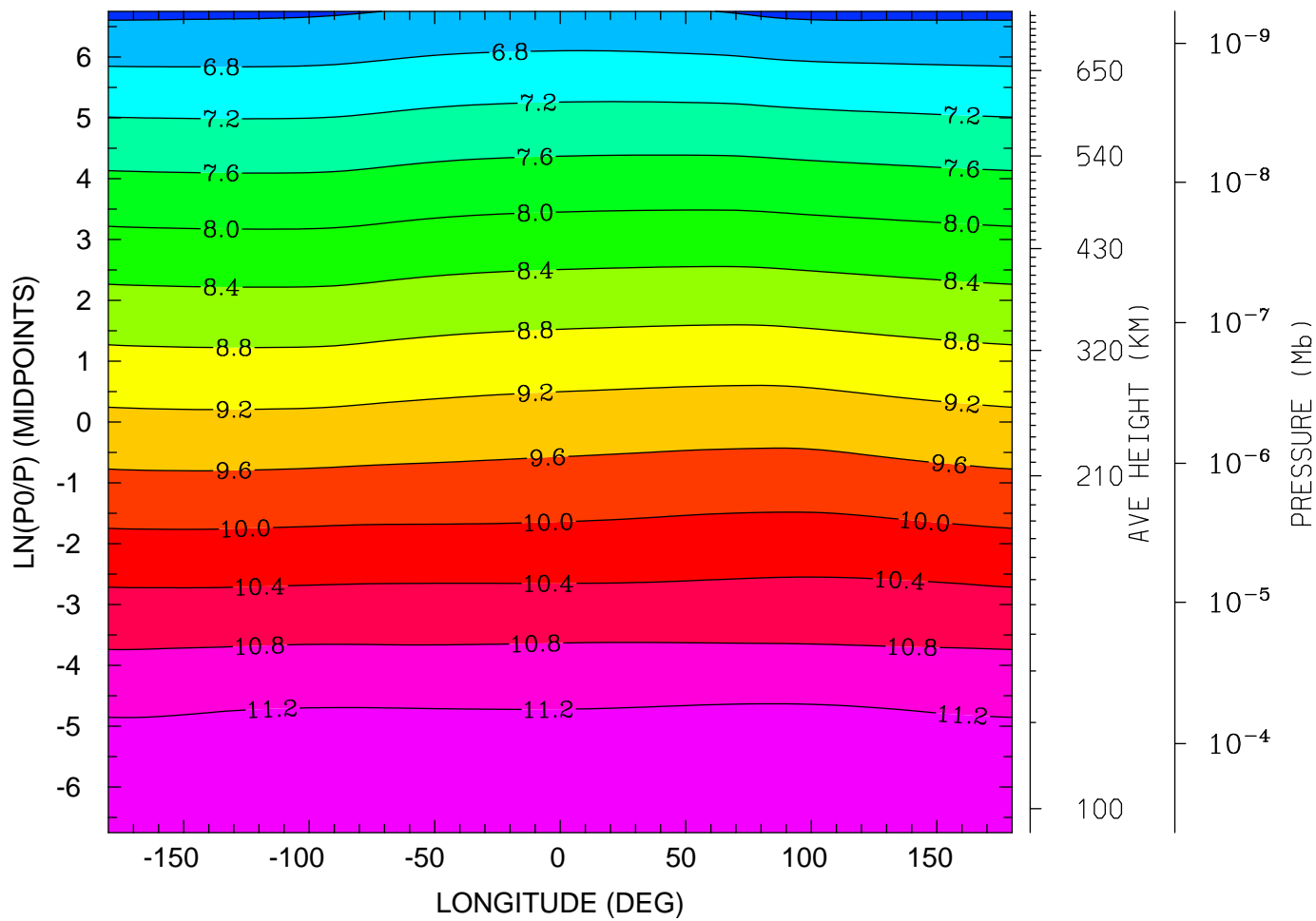
LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= -2.50 (DEG)



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

MIN,MAX= 6.2837E+00 1.1591E+01 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

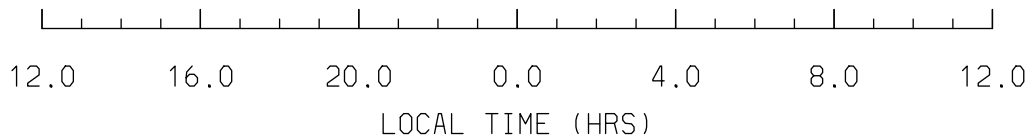
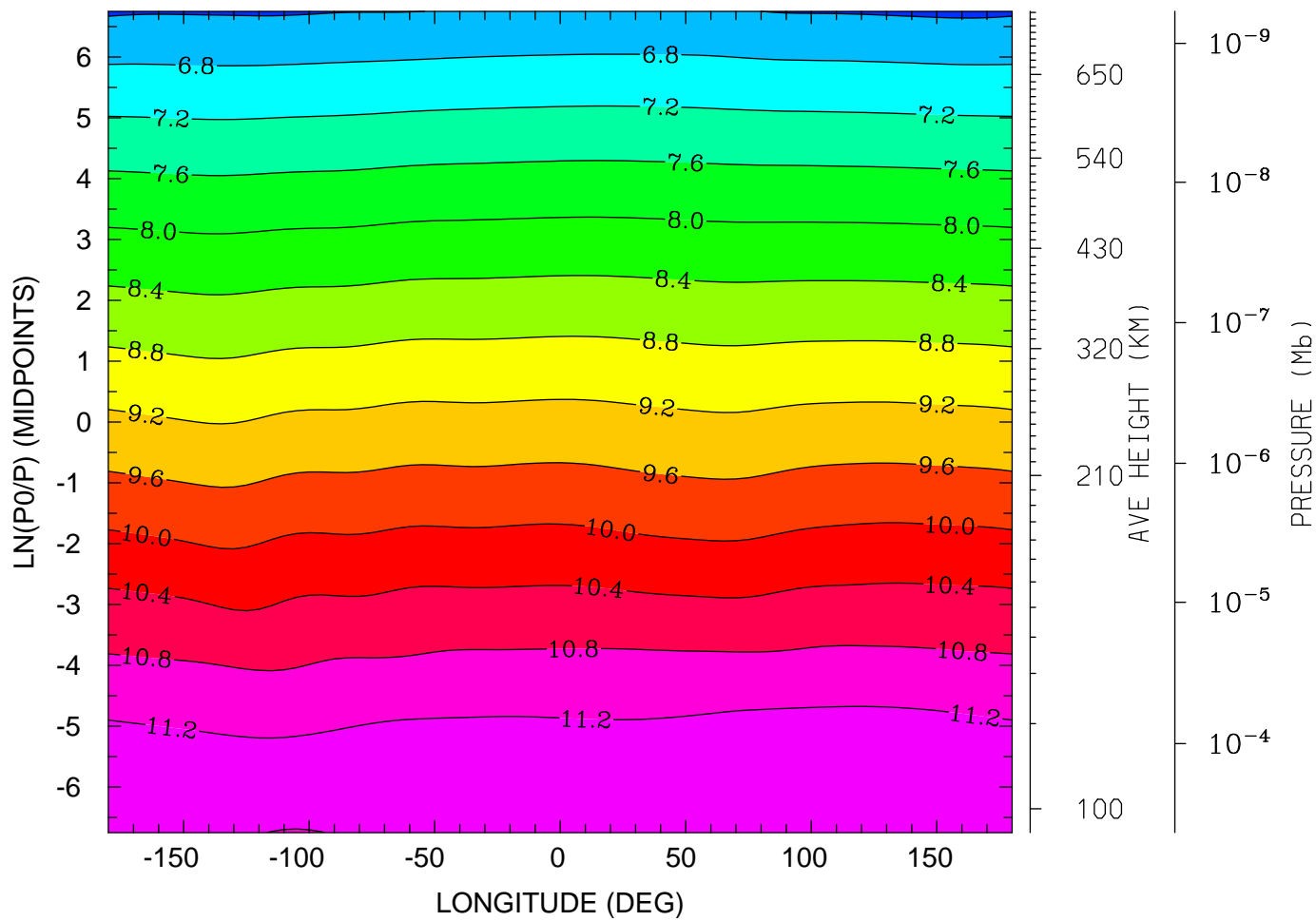
LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= 37.50 (DEG)



MIN,MAX= 6.3100E+00 1.1503E+01 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

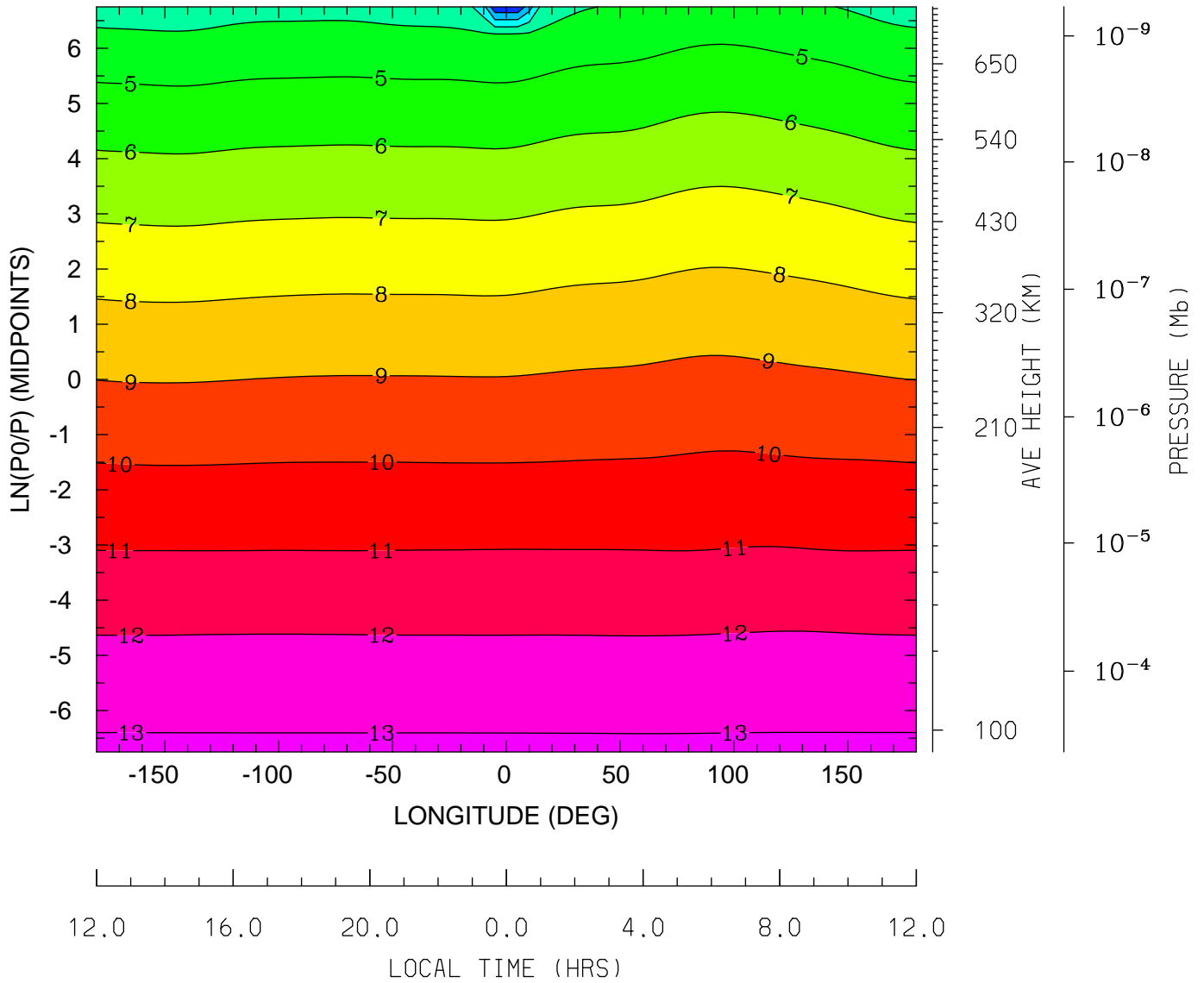


LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= 57.50 (DEG)



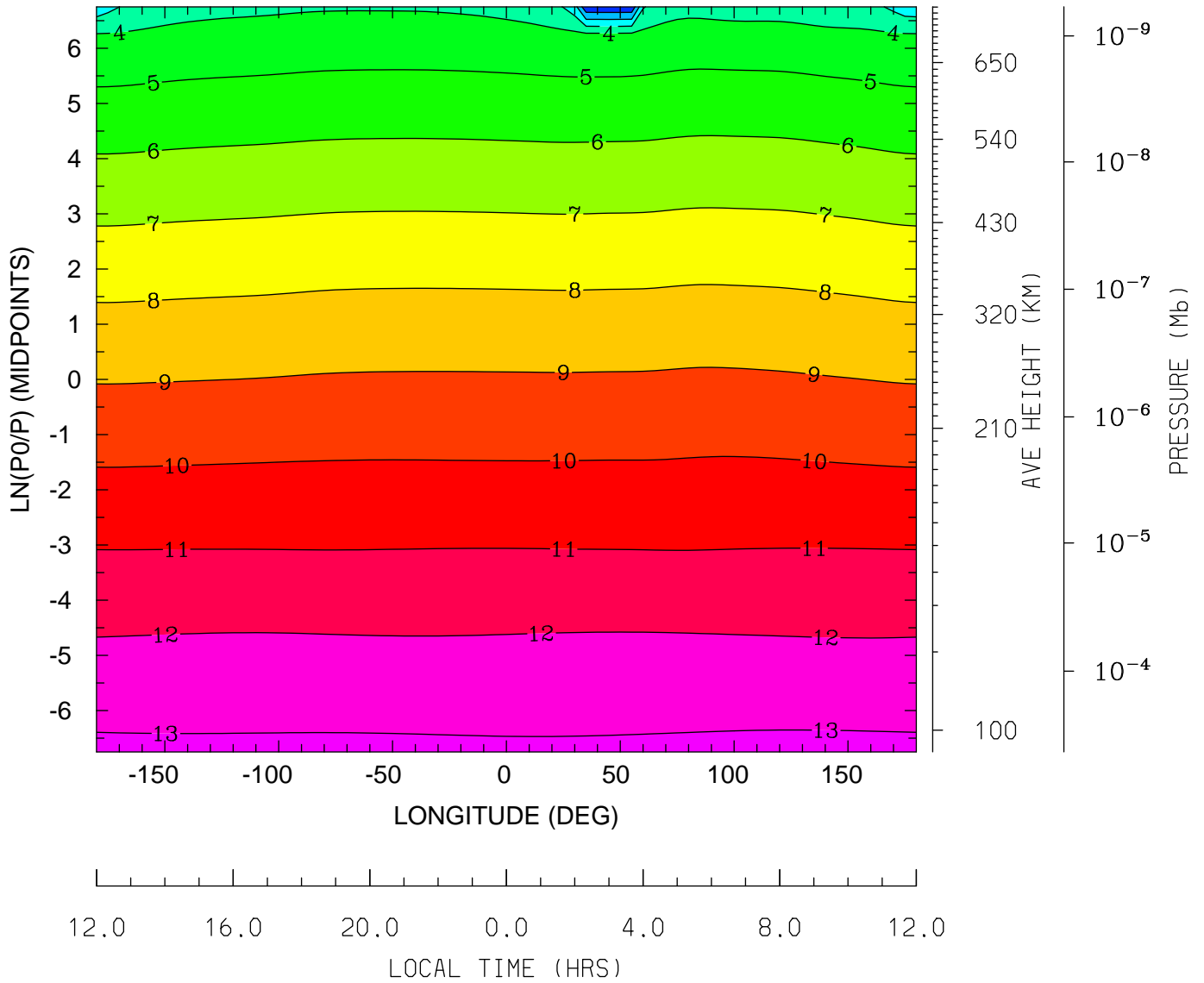
MIN,MAX= 6.3399E+00 1.1430E+01 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



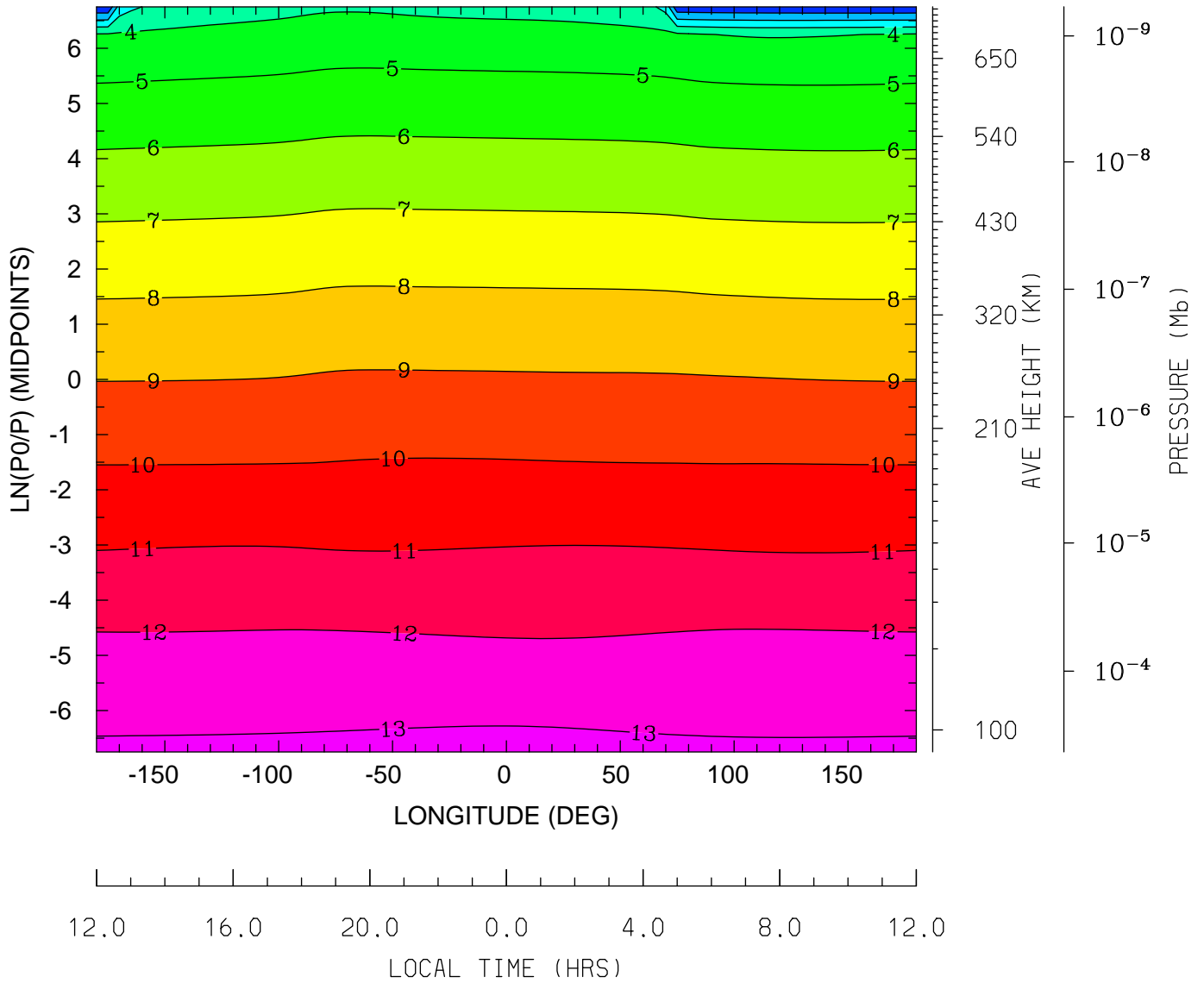
MIN,MAX= 1.8962E-01 1.3132E+01 INTERVAL= 1.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



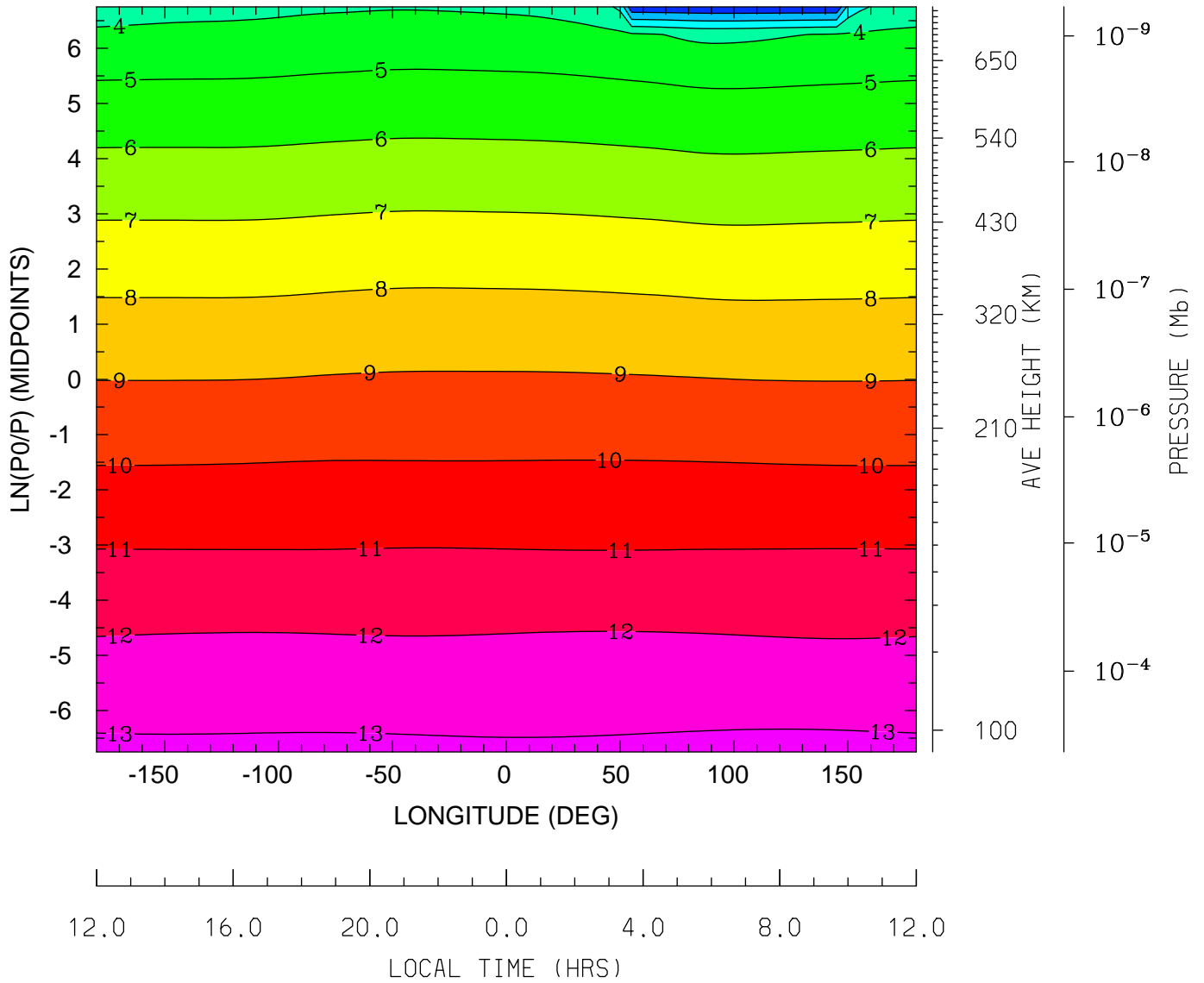
MIN,MAX= 1.9962E-01 1.3154E+01 INTERVAL= 1.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



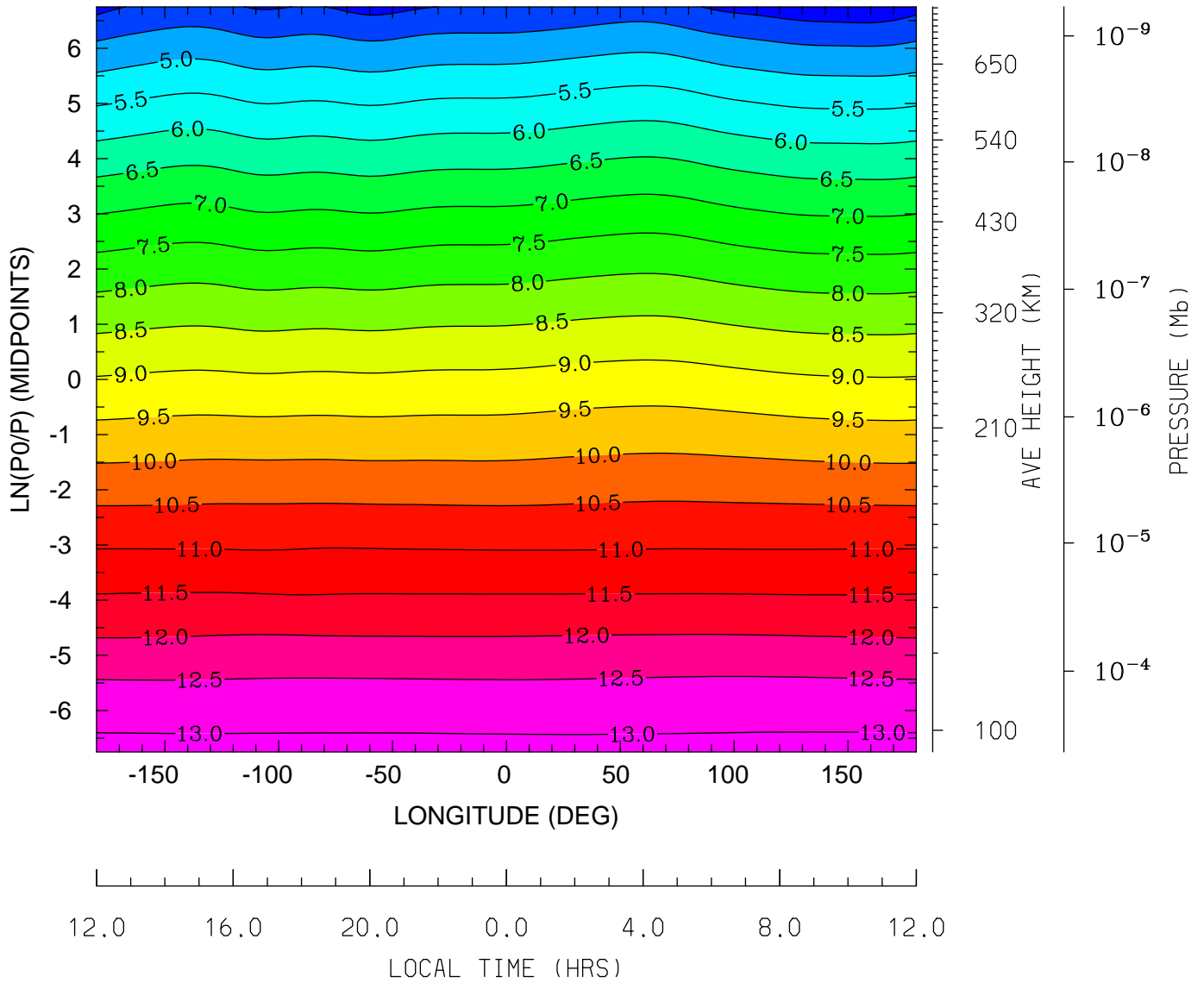
MIN,MAX= 1.0584E-01 1.3187E+01 INTERVAL= 1.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



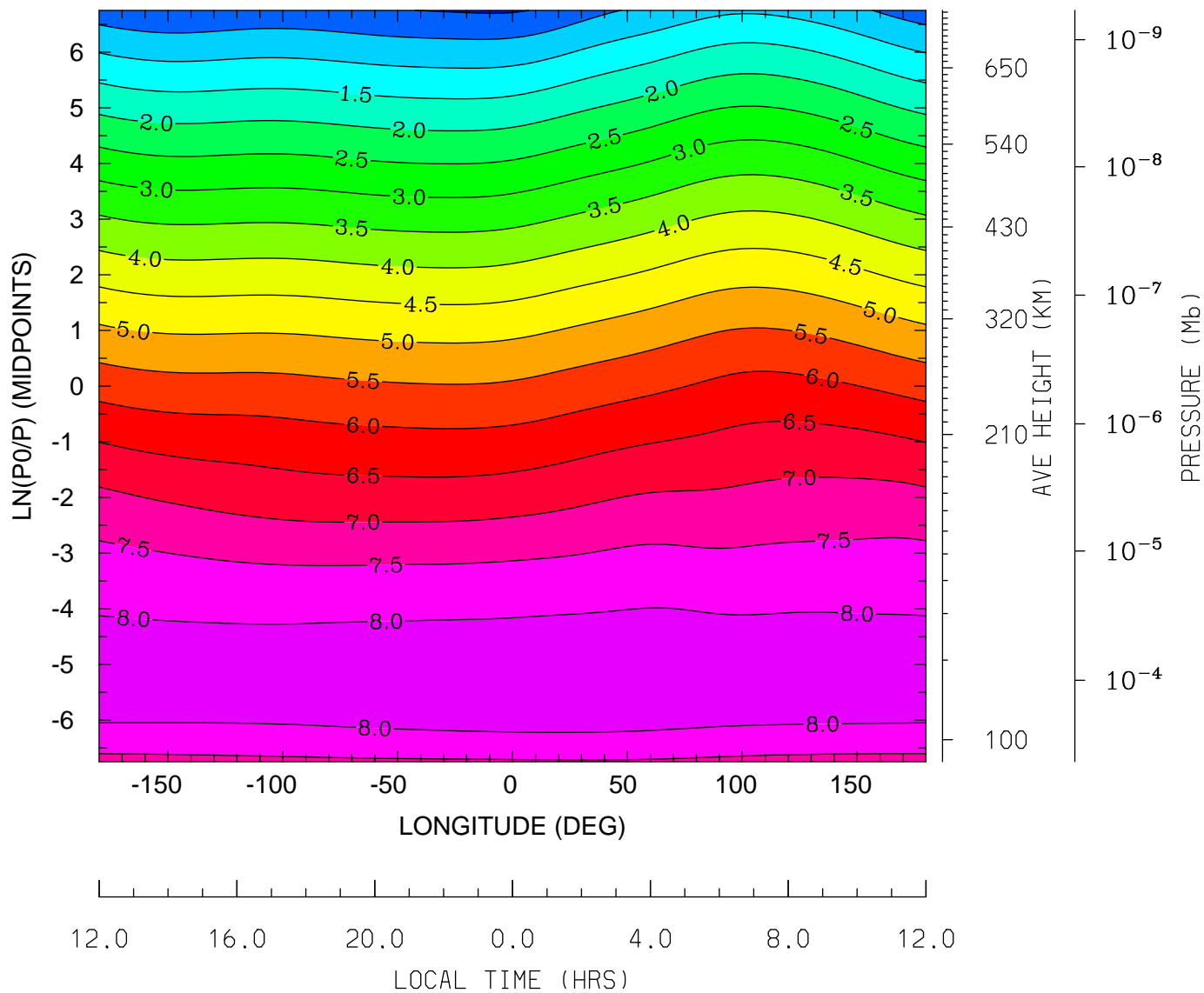
MIN,MAX= 1.3627E-01 1.3161E+01 INTERVAL= 1.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



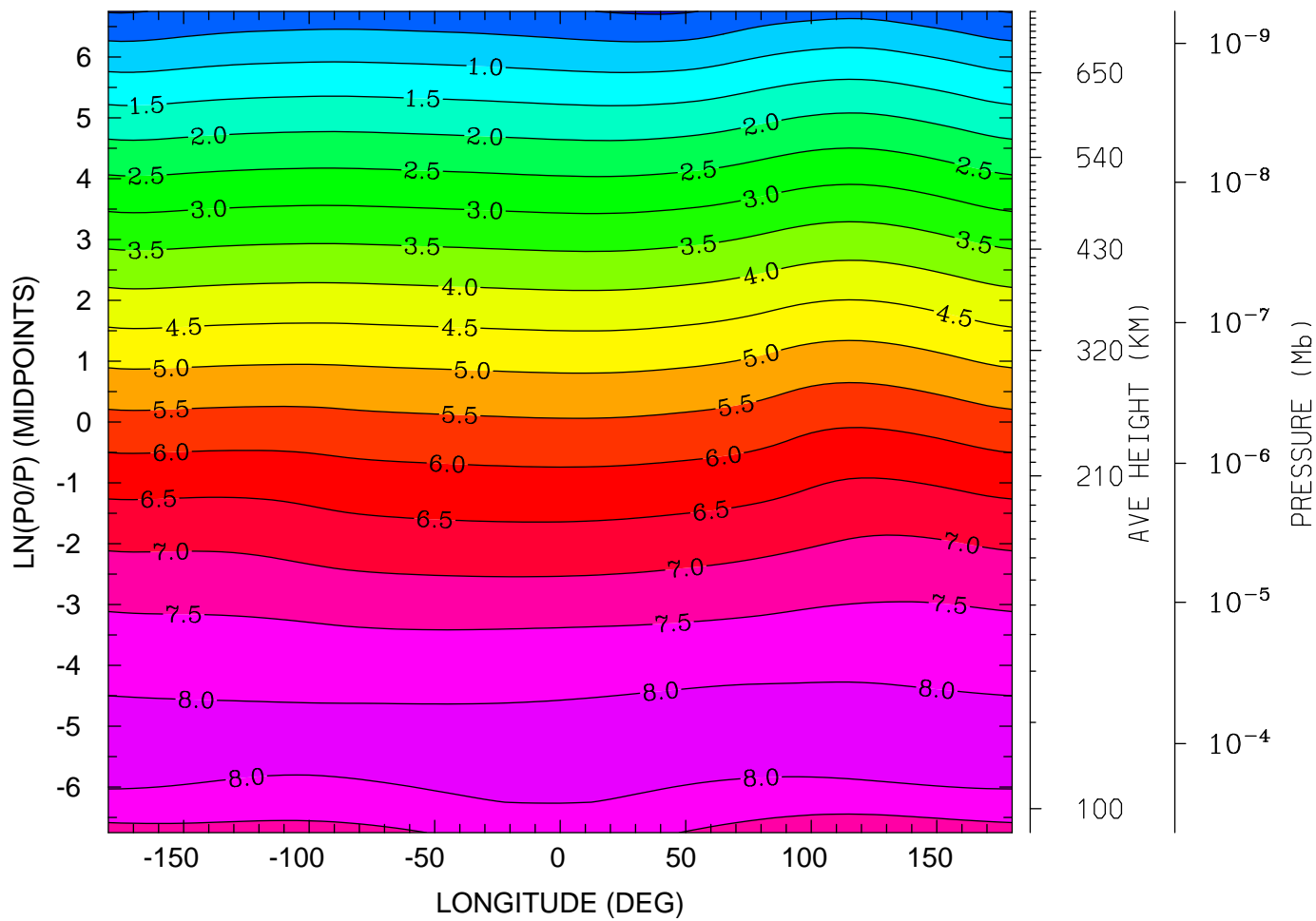
MIN,MAX= 3.6016E+00 1.3134E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= -5.8679E-02 8.2606E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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

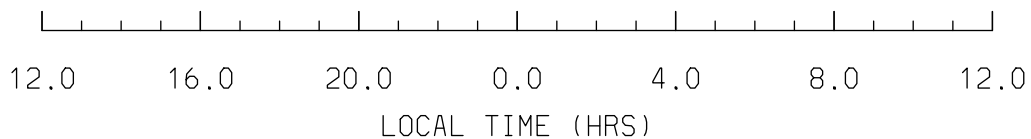
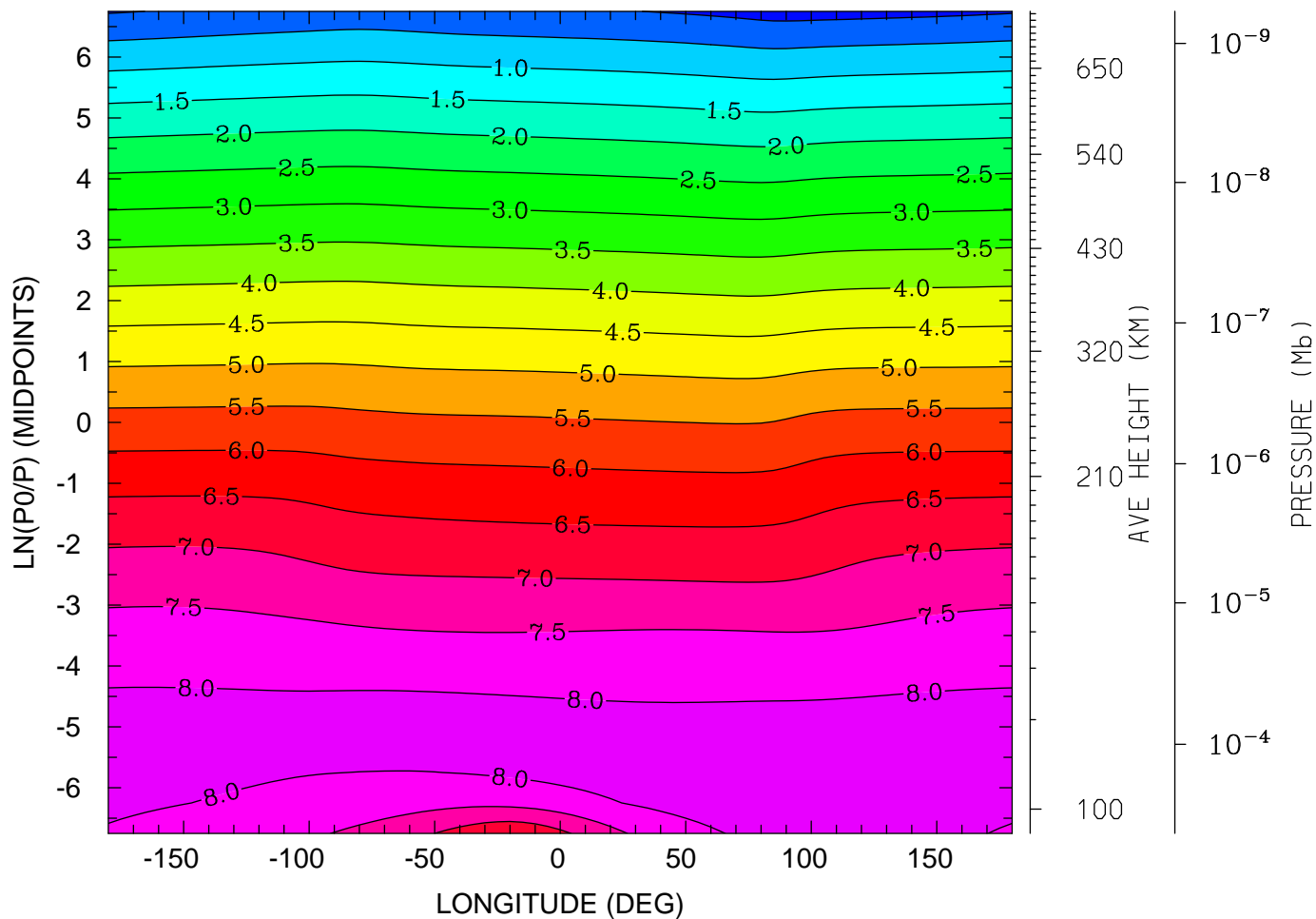


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -5.1794E-02 8.2120E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

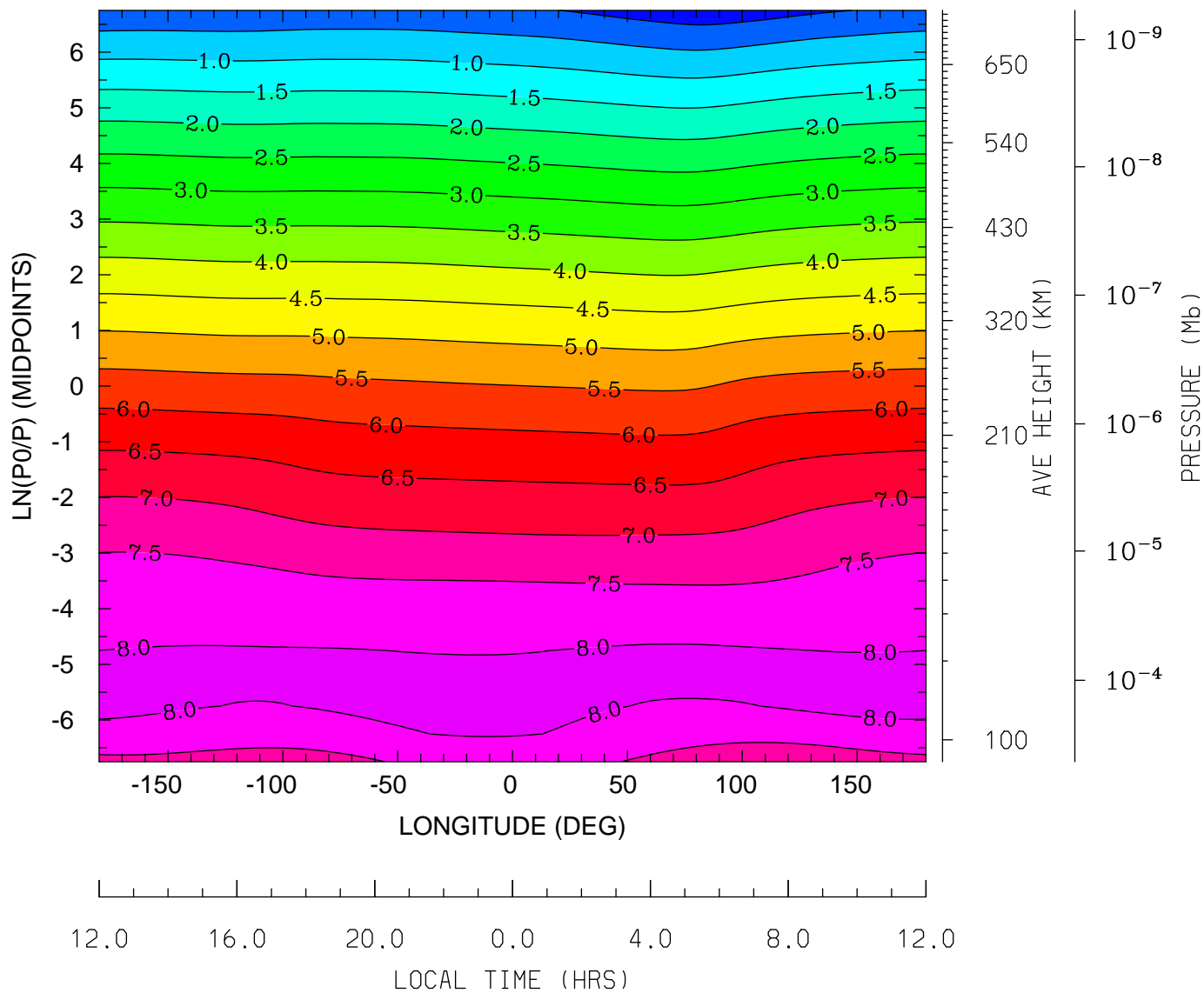


LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= -2.50 (DEG)



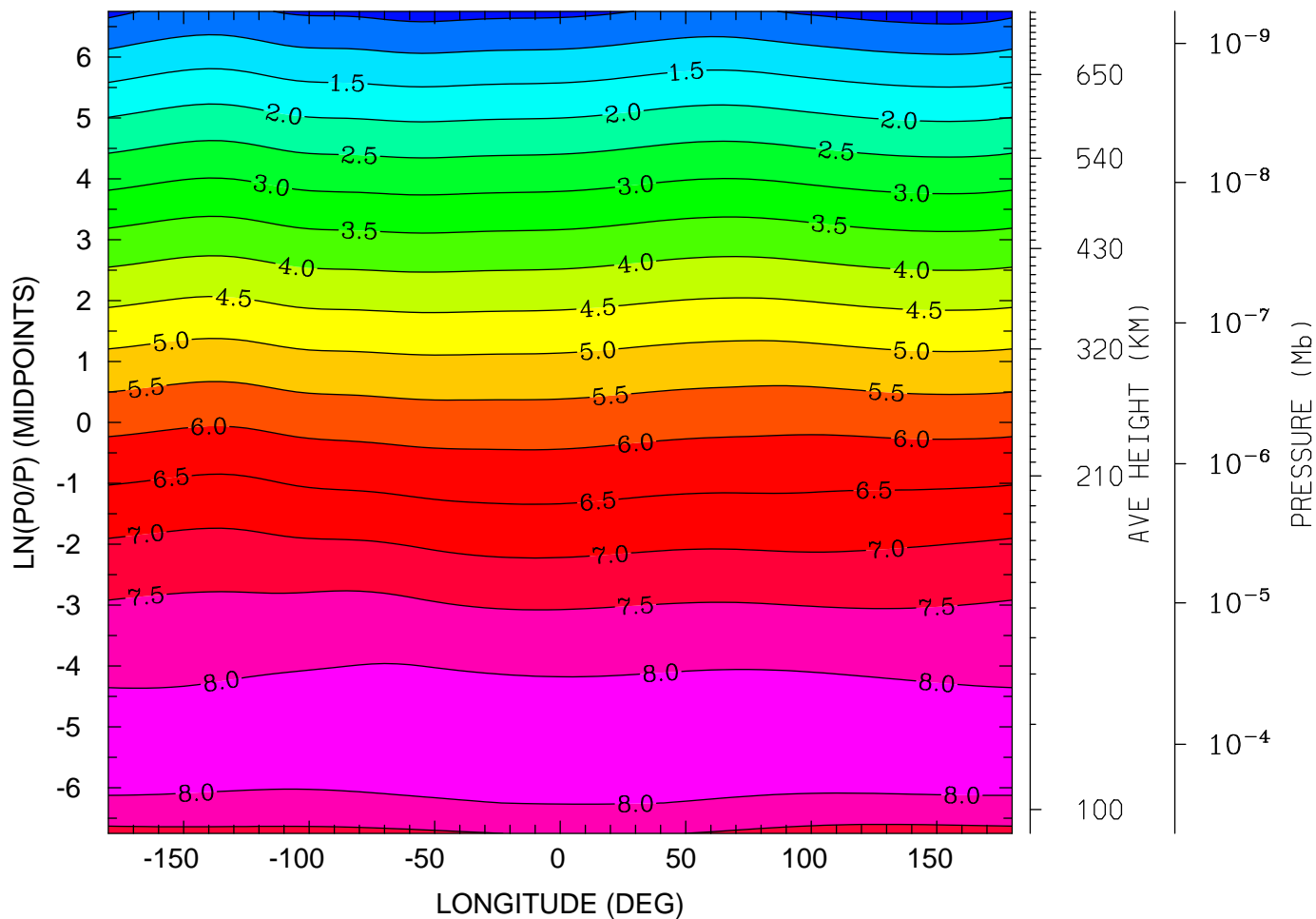
MIN,MAX= -1.8073E-01 8.2507E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



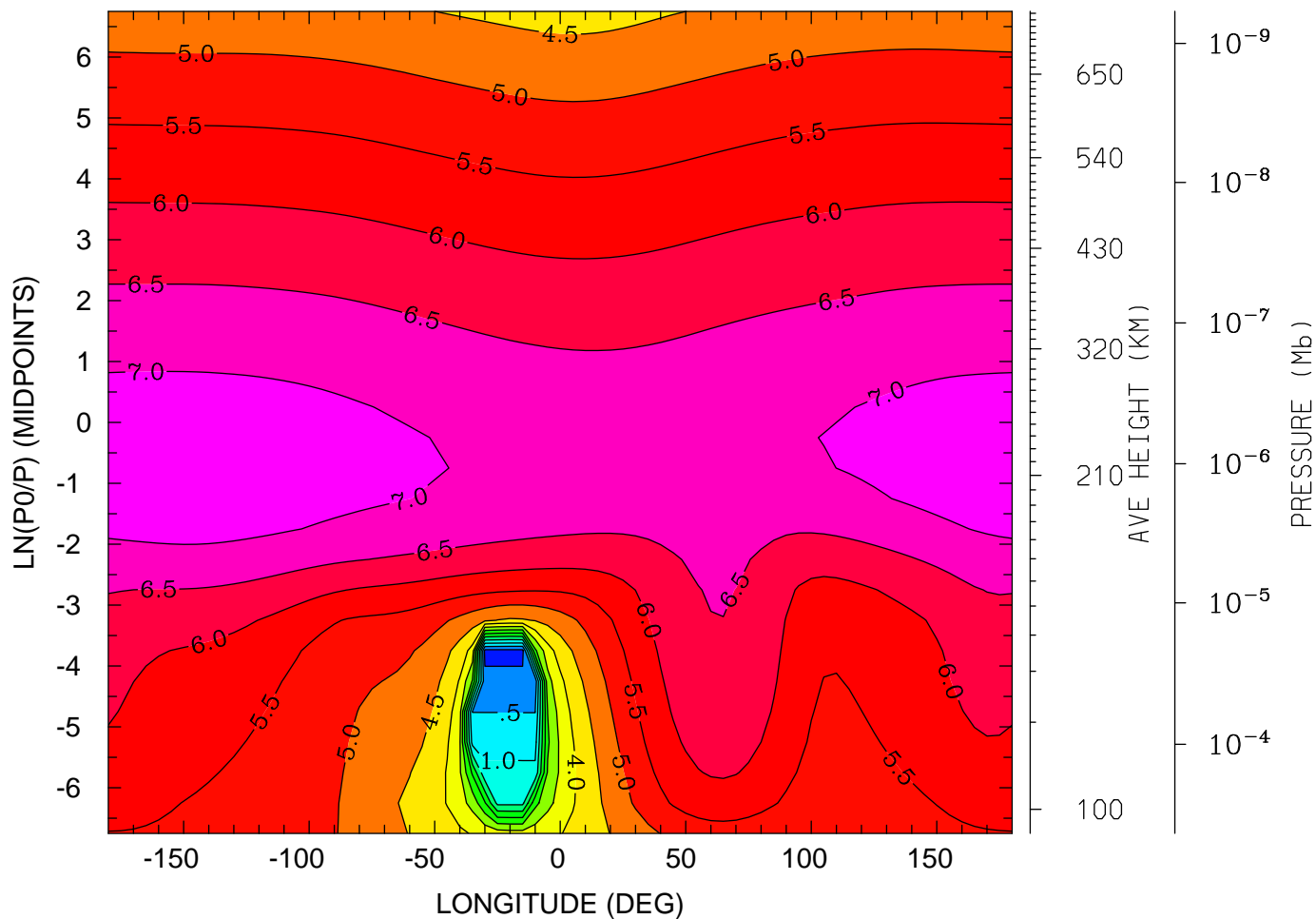
MIN,MAX= -3.0288E-01 8.1278E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 2.8689E-01 8.2620E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

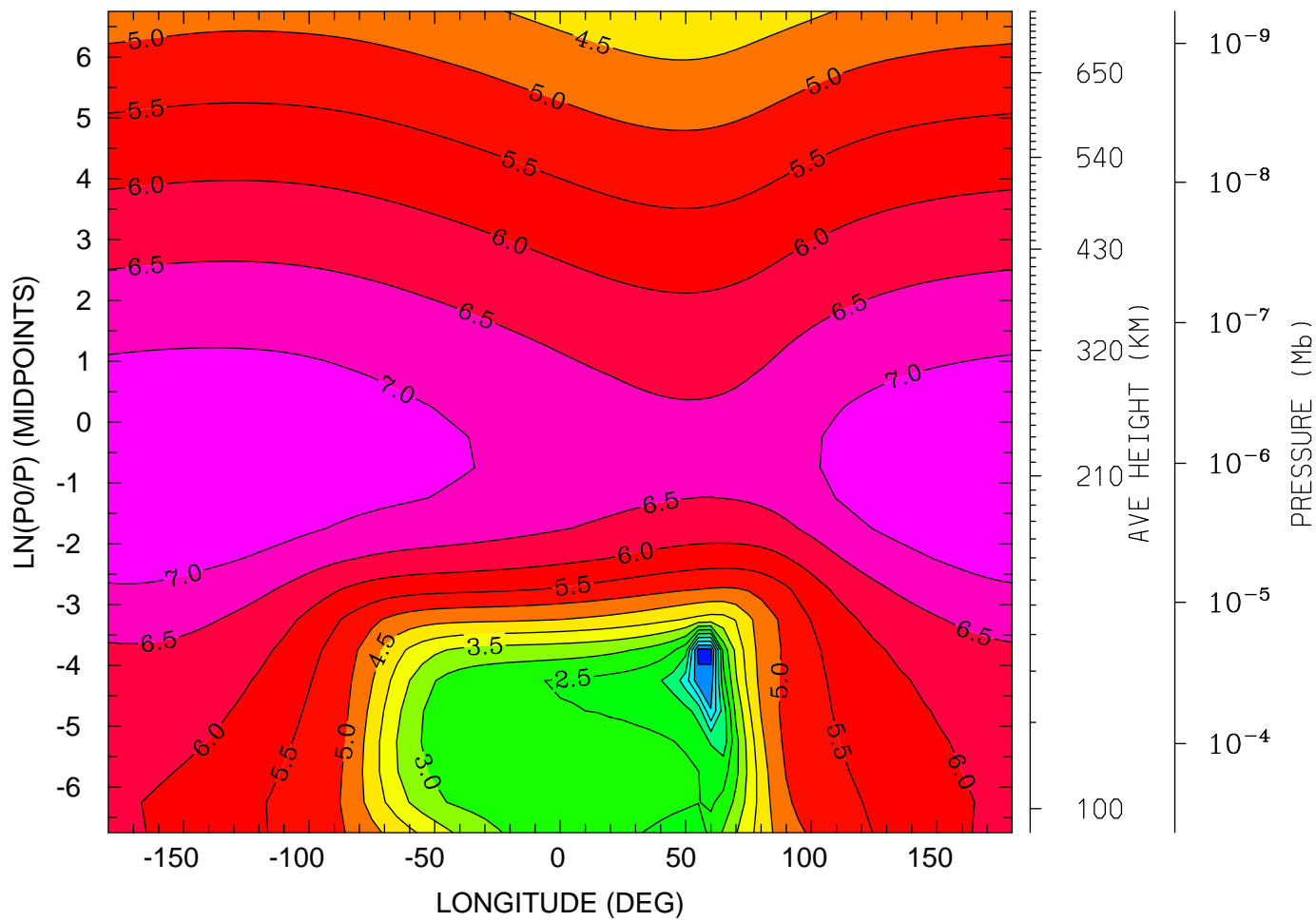
LOG10 N4S (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



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

MIN,MAX= -1.6407E-01 7.3486E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

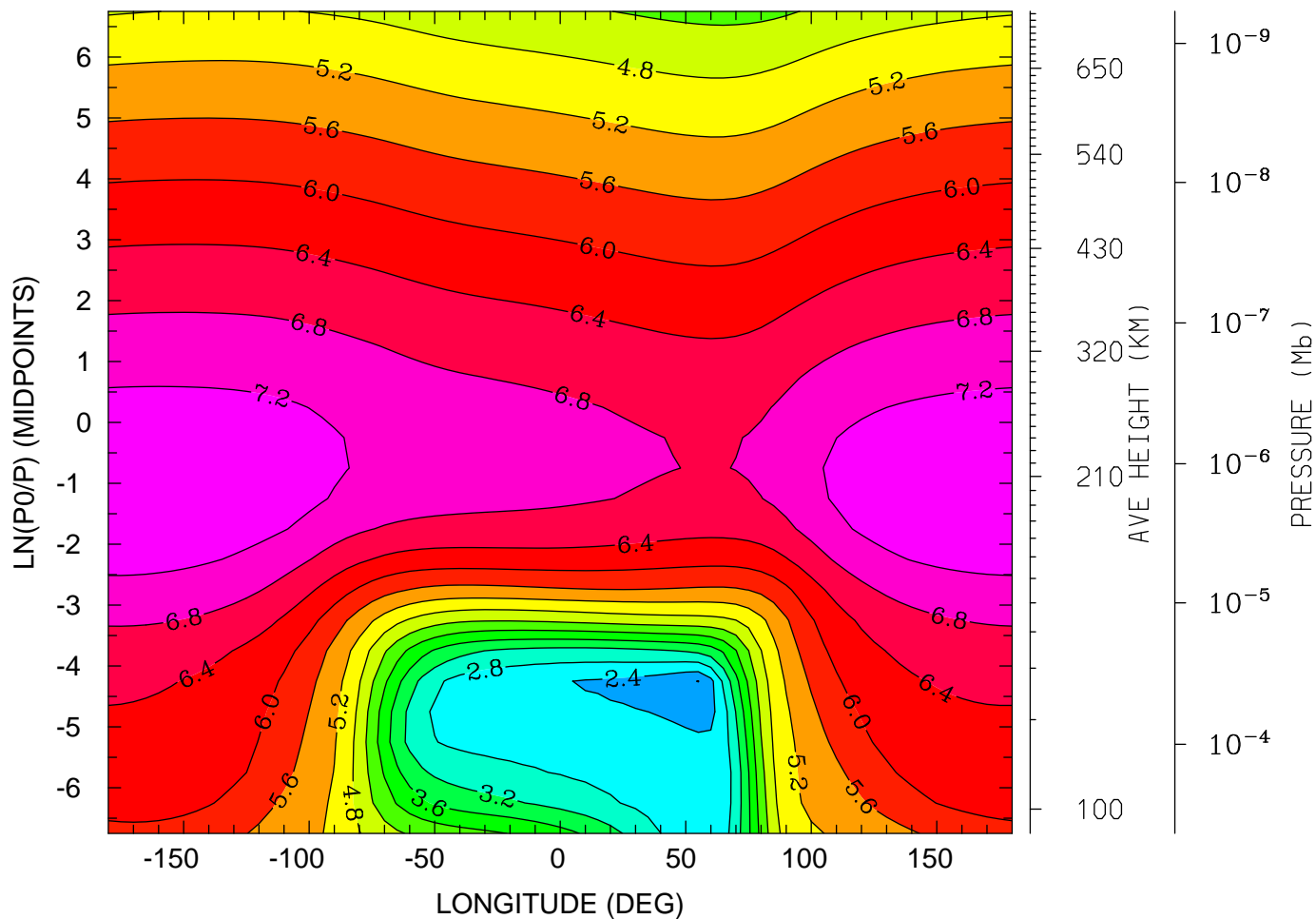
LOG10 N4S (CM3)  
UT= 0.00 LAT= -42.50 (DEG)



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

MIN,MAX= -1.6181E-01 7.4876E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

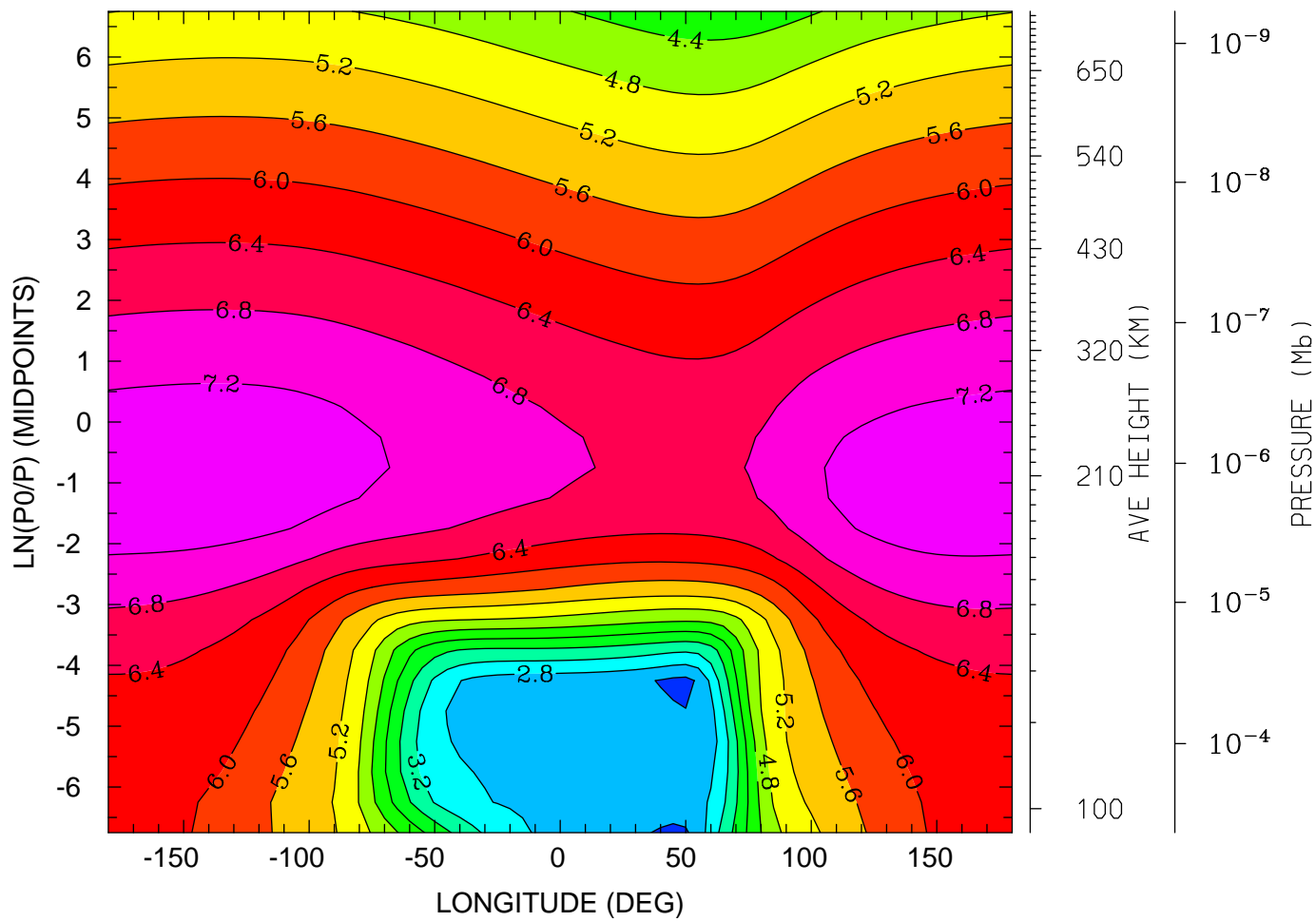
LOG10 N4S (CM3)  
UT= 0.00 LAT= -2.50 (DEG)



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

MIN,MAX= 1.9933E+00 7.5377E+00 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

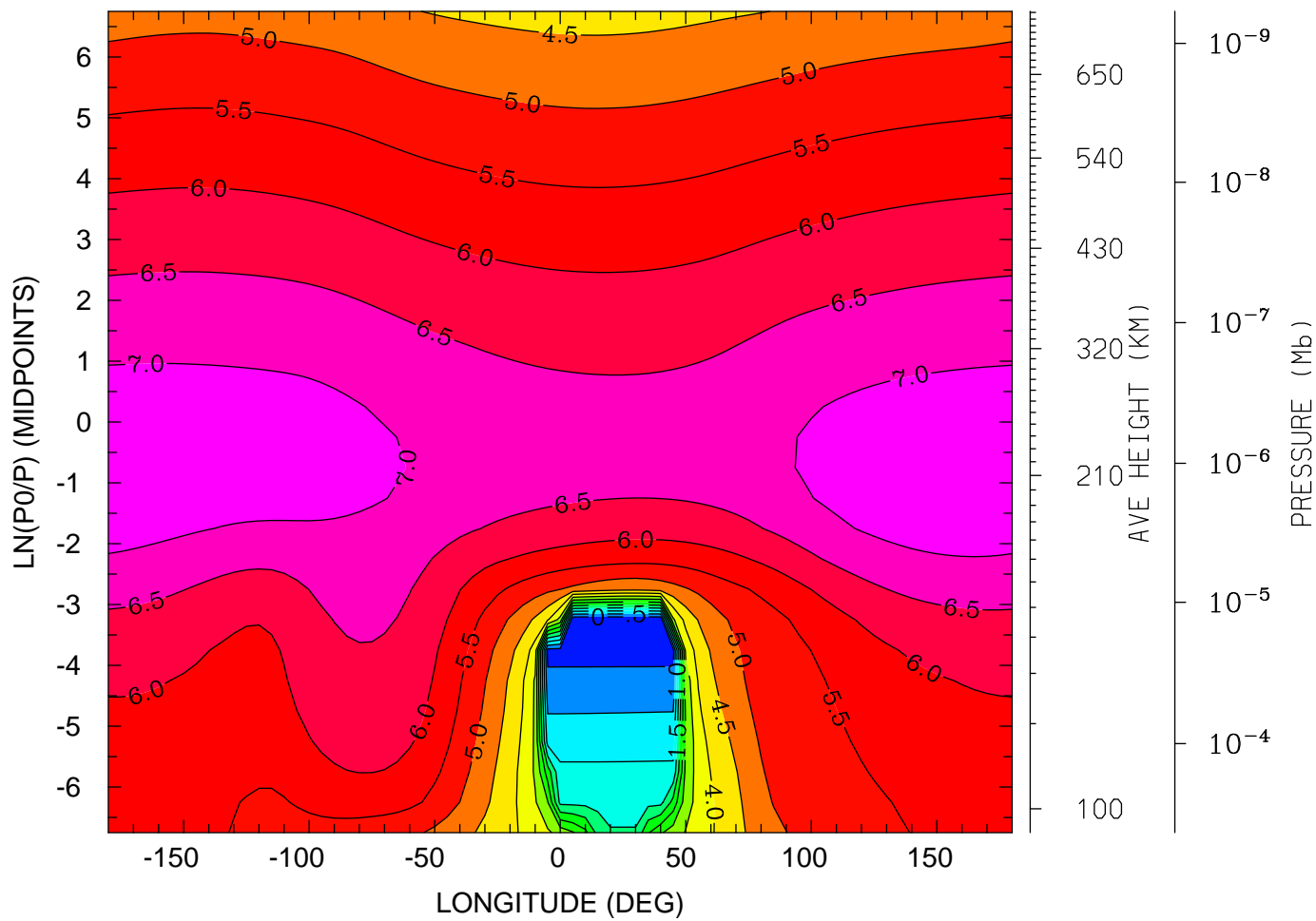
LOG10 N4S (CM3)  
UT= 0.00 LAT= 37.50 (DEG)



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

MIN,MAX= 2.2825E+00 7.4891E+00 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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

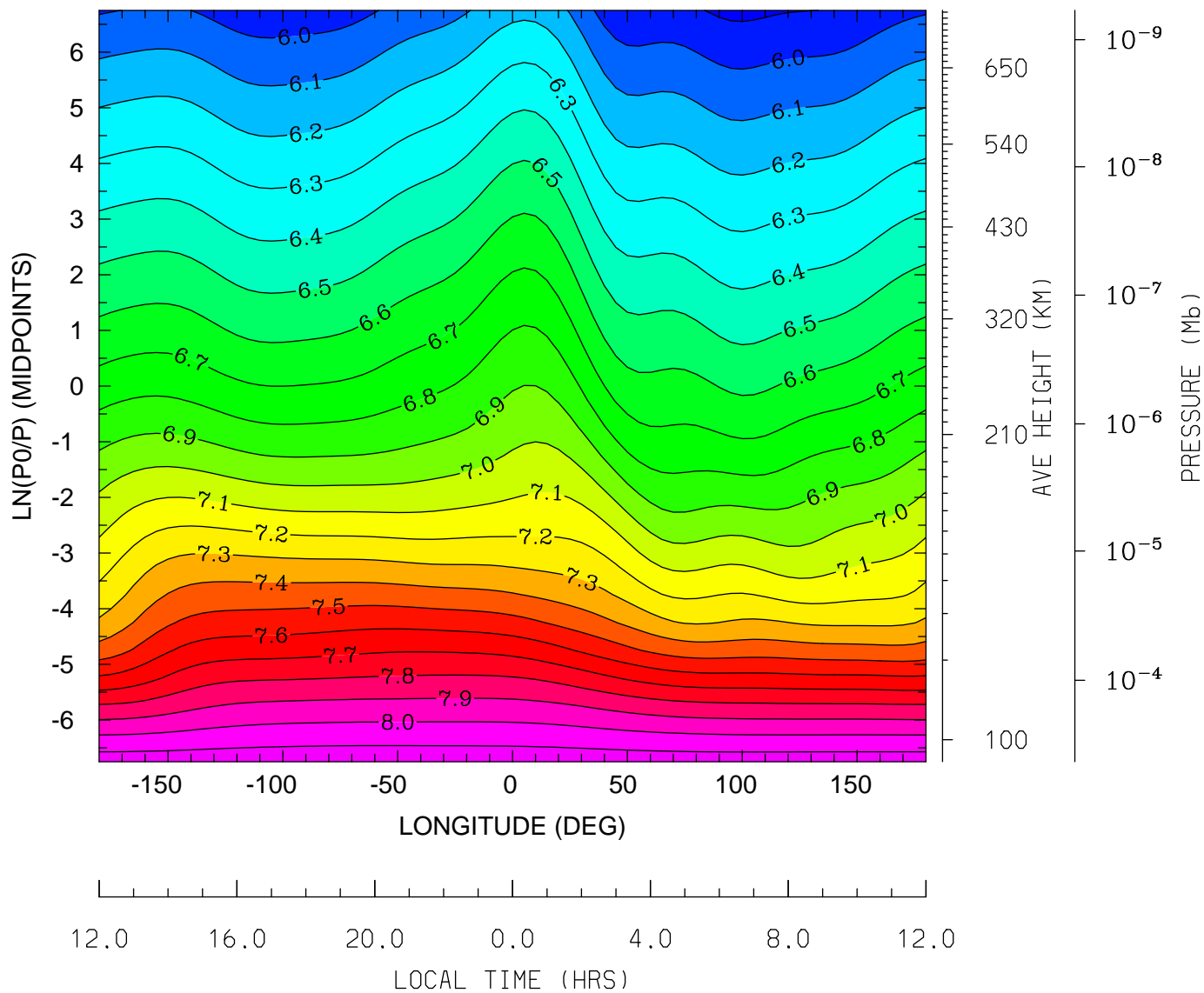


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -4.8434E-01 7.3599E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

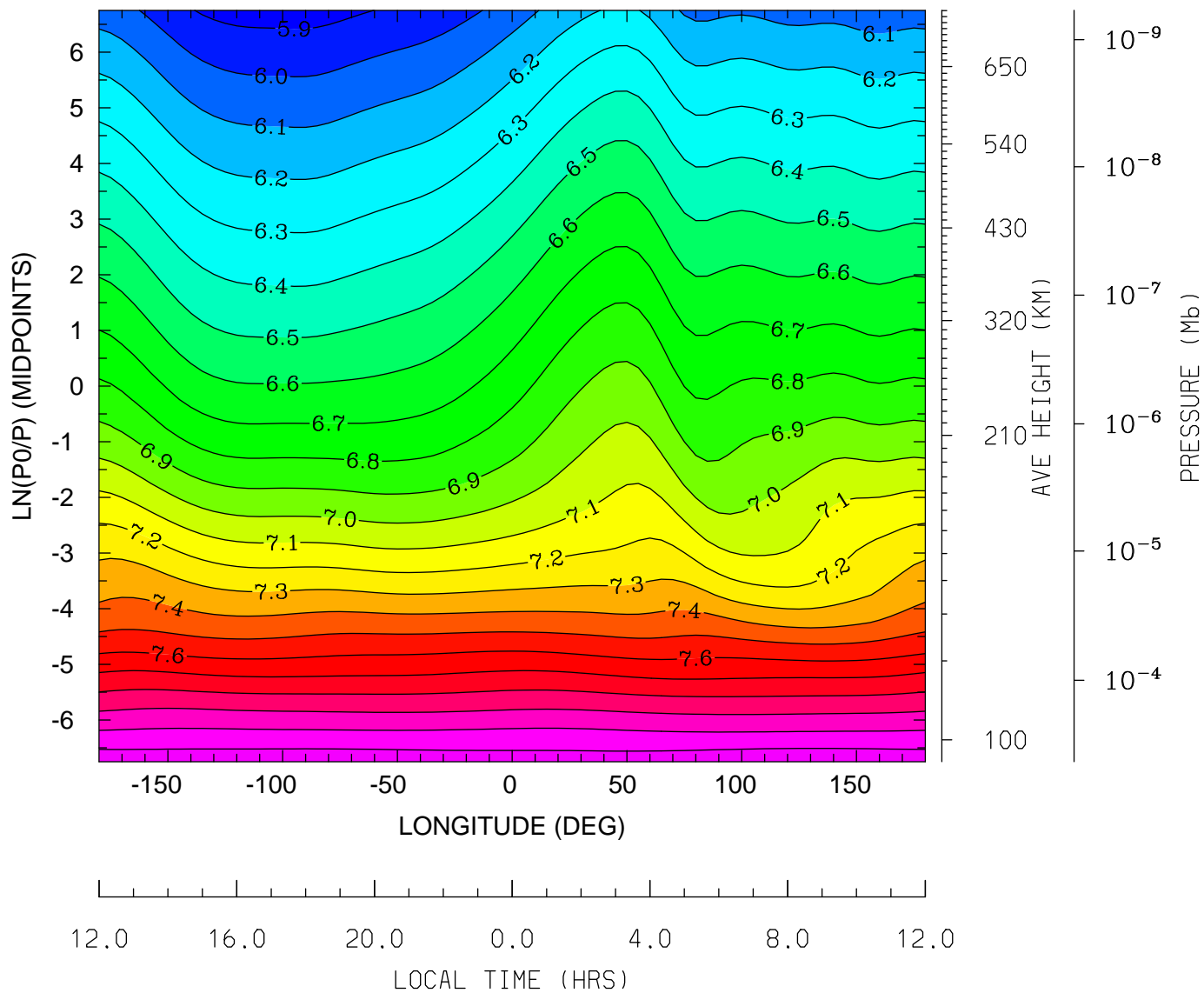


LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



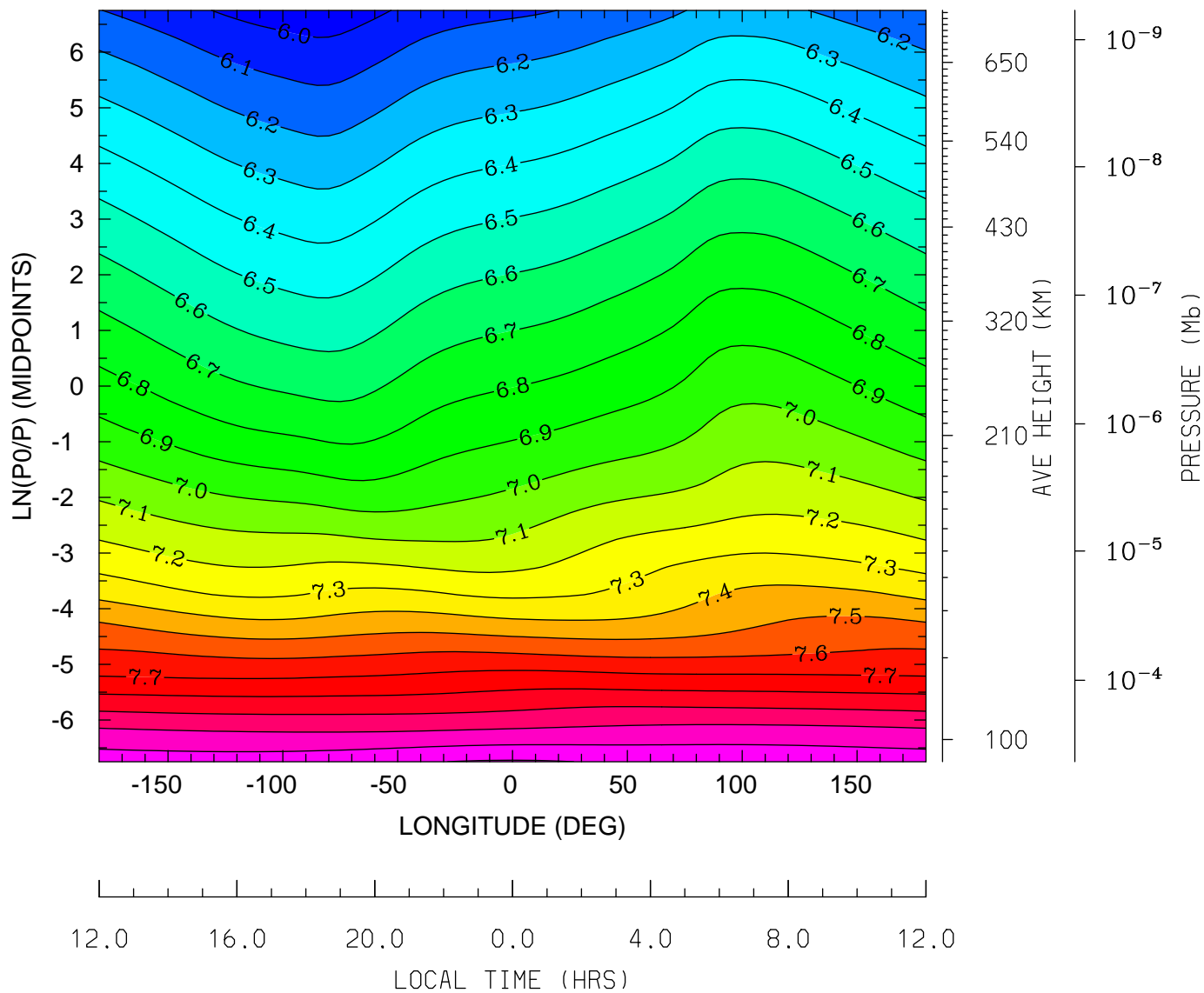
MIN,MAX= 5.8756E+00 8.1668E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



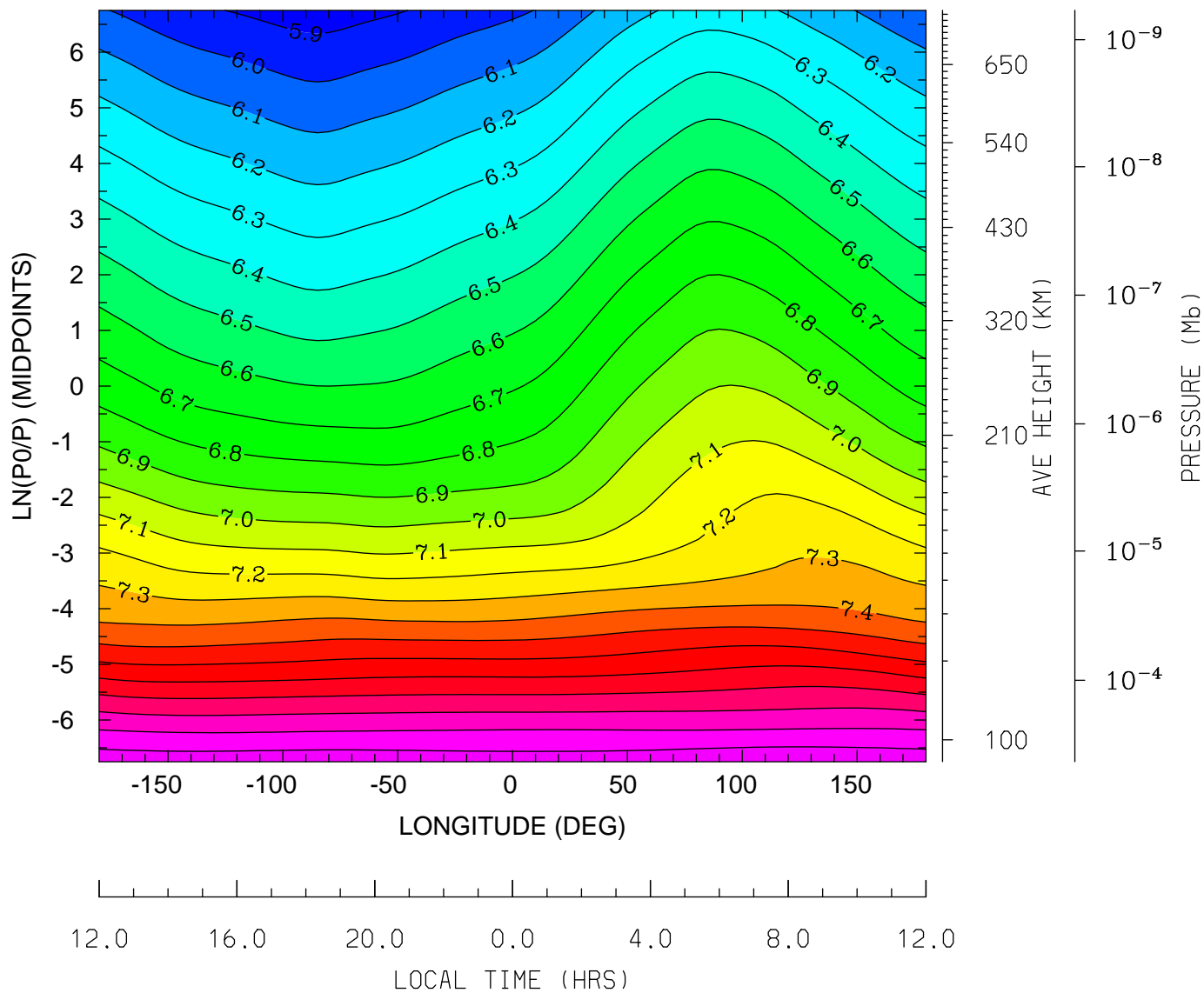
MIN,MAX= 5.8596E+00 8.1795E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



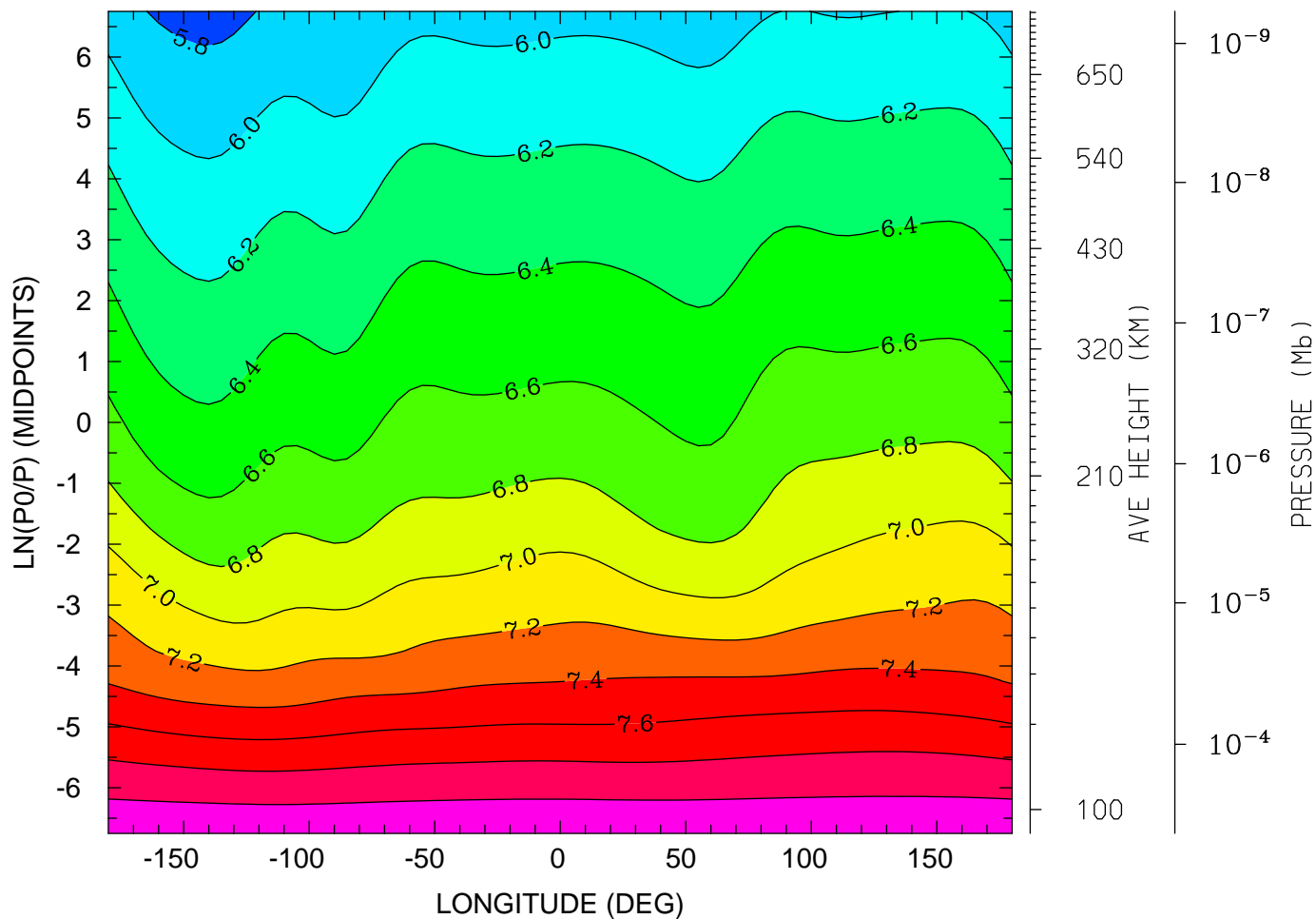
MIN,MAX= 5.9391E+00 8.2098E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 5.8495E+00 8.1860E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

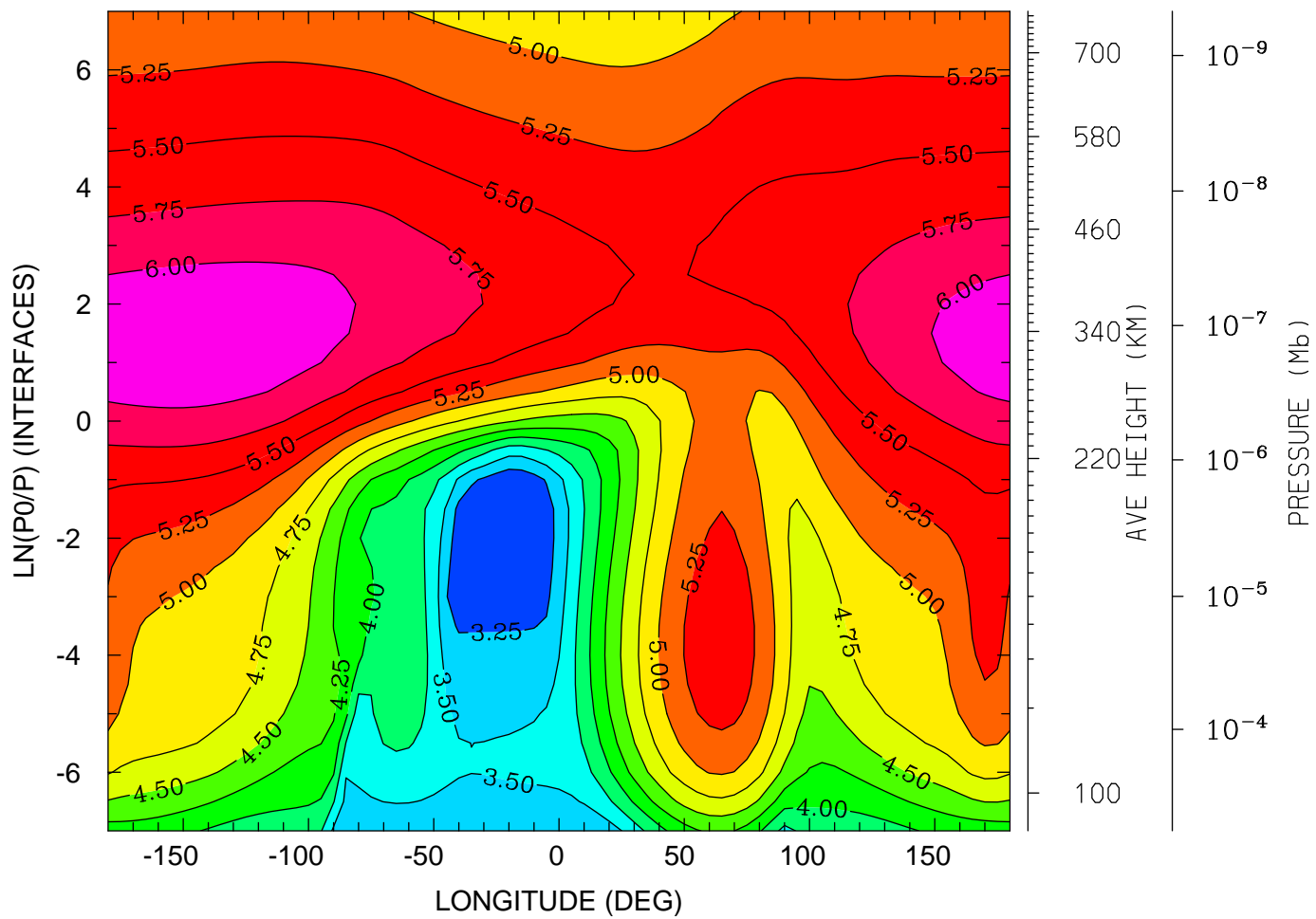
LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 57.50 (DEG)



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

MIN,MAX= 5.7346E+00 8.1653E+00 INTERVAL= 2.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

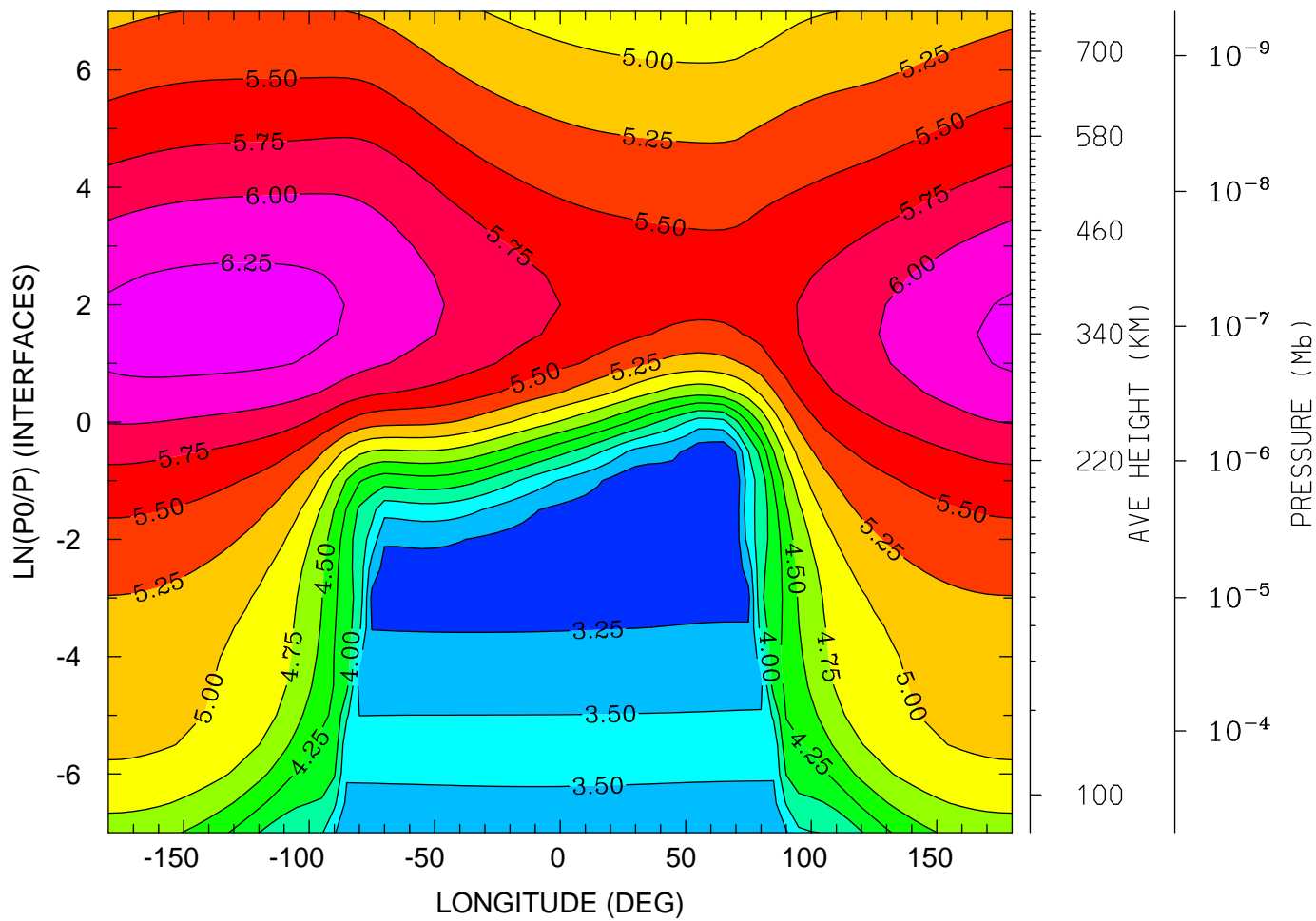
LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



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

MIN,MAX= 3.0533E+00 6.1790E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

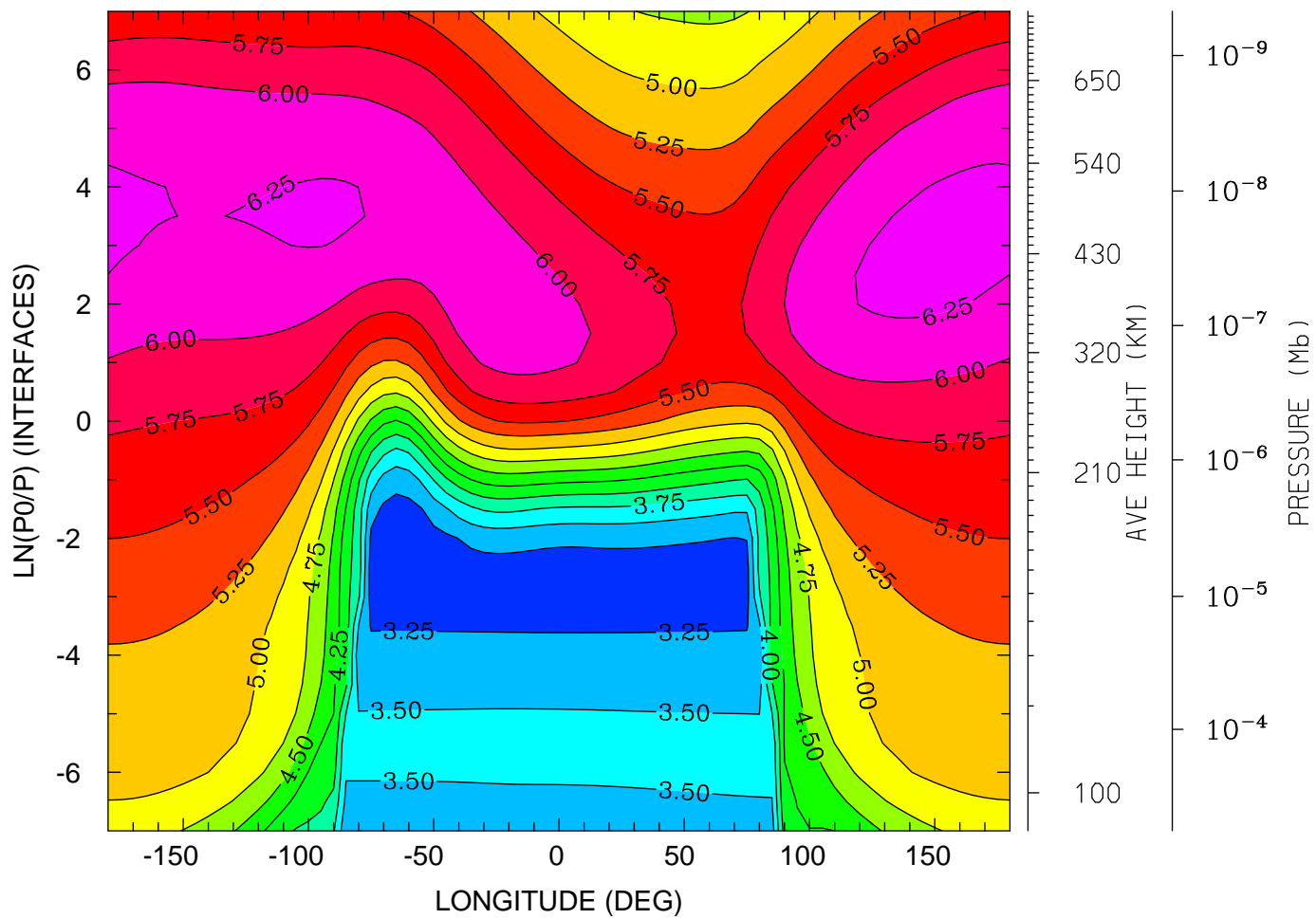
LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= -42.50 (DEG)



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

MIN,MAX= 3.0465E+00 6.3563E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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

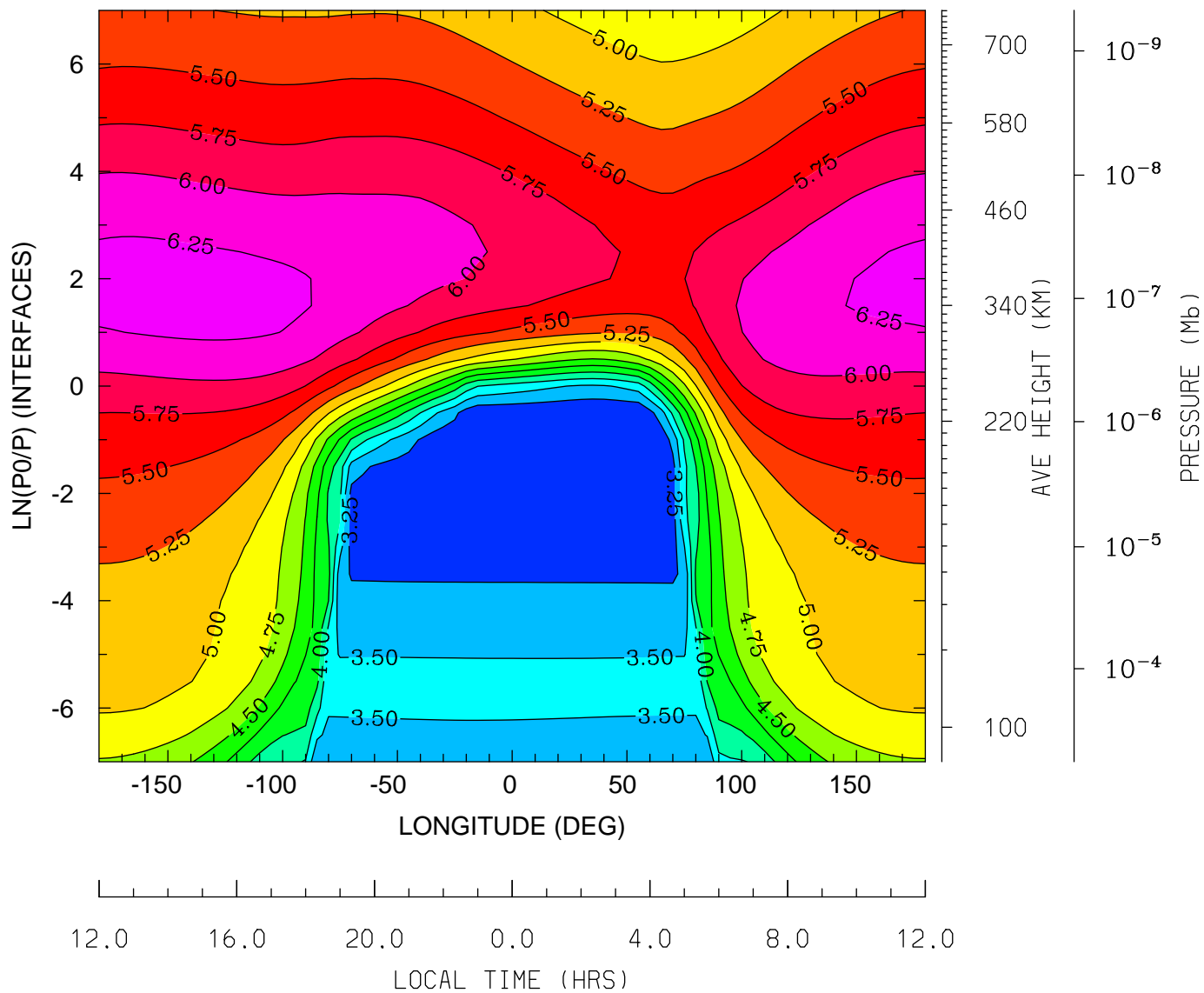


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 3.1347E+00 6.3418E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

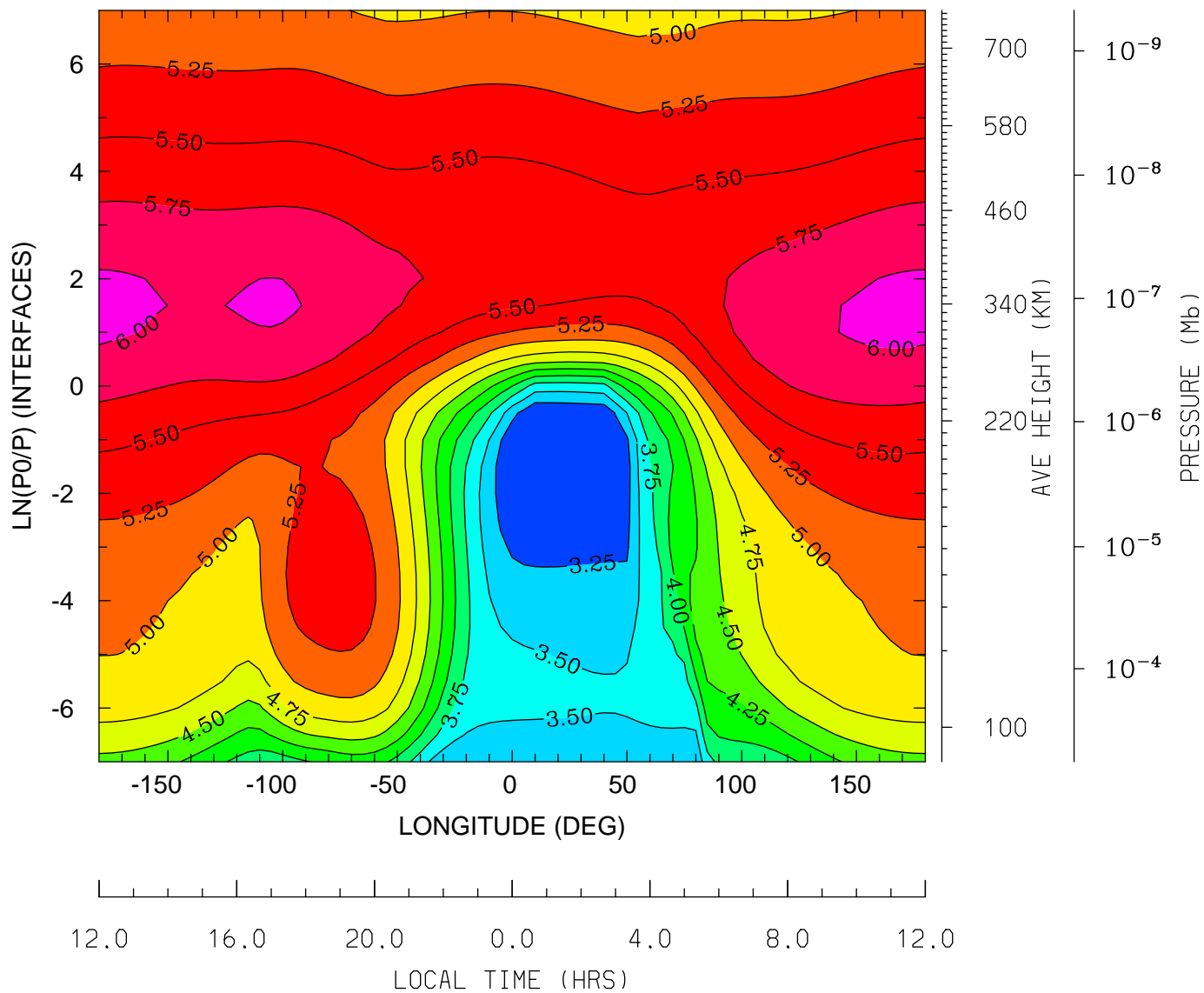


LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 37.50 (DEG)



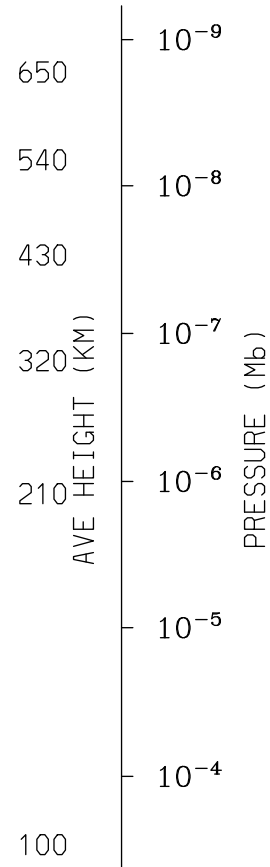
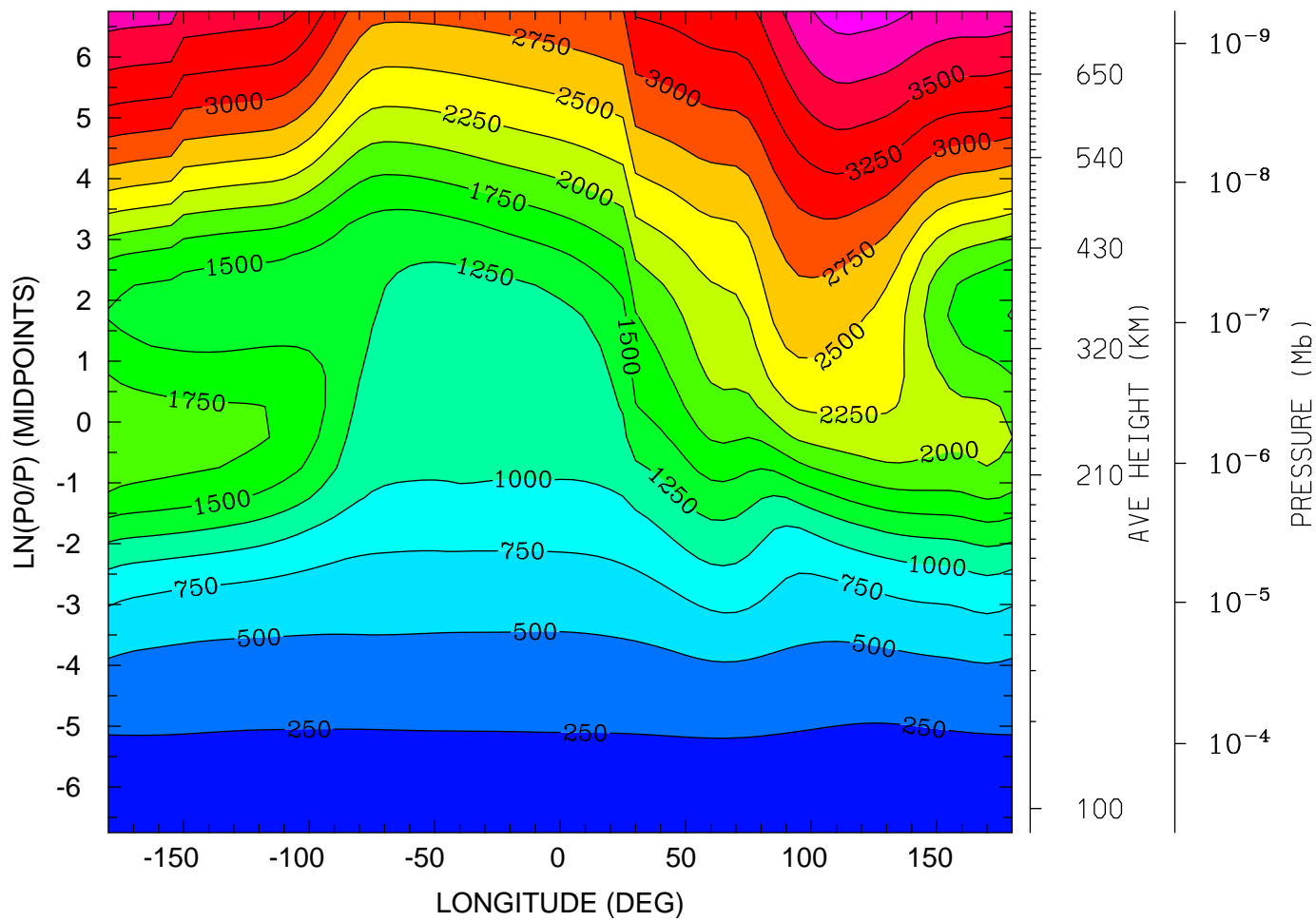
MIN,MAX= 3.0079E+00 6.3398E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



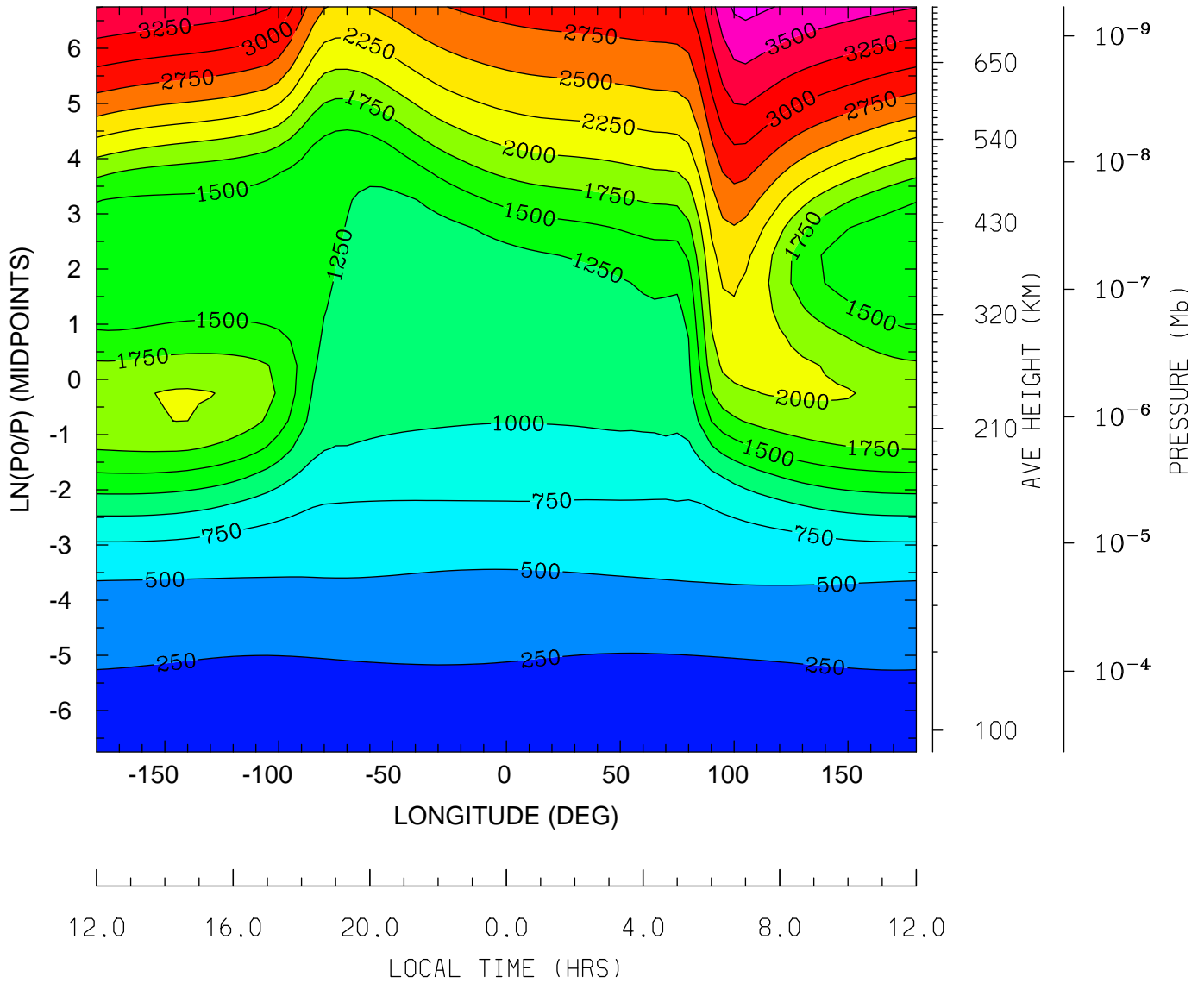
MIN,MAX= 3.0146E+00 6.0566E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



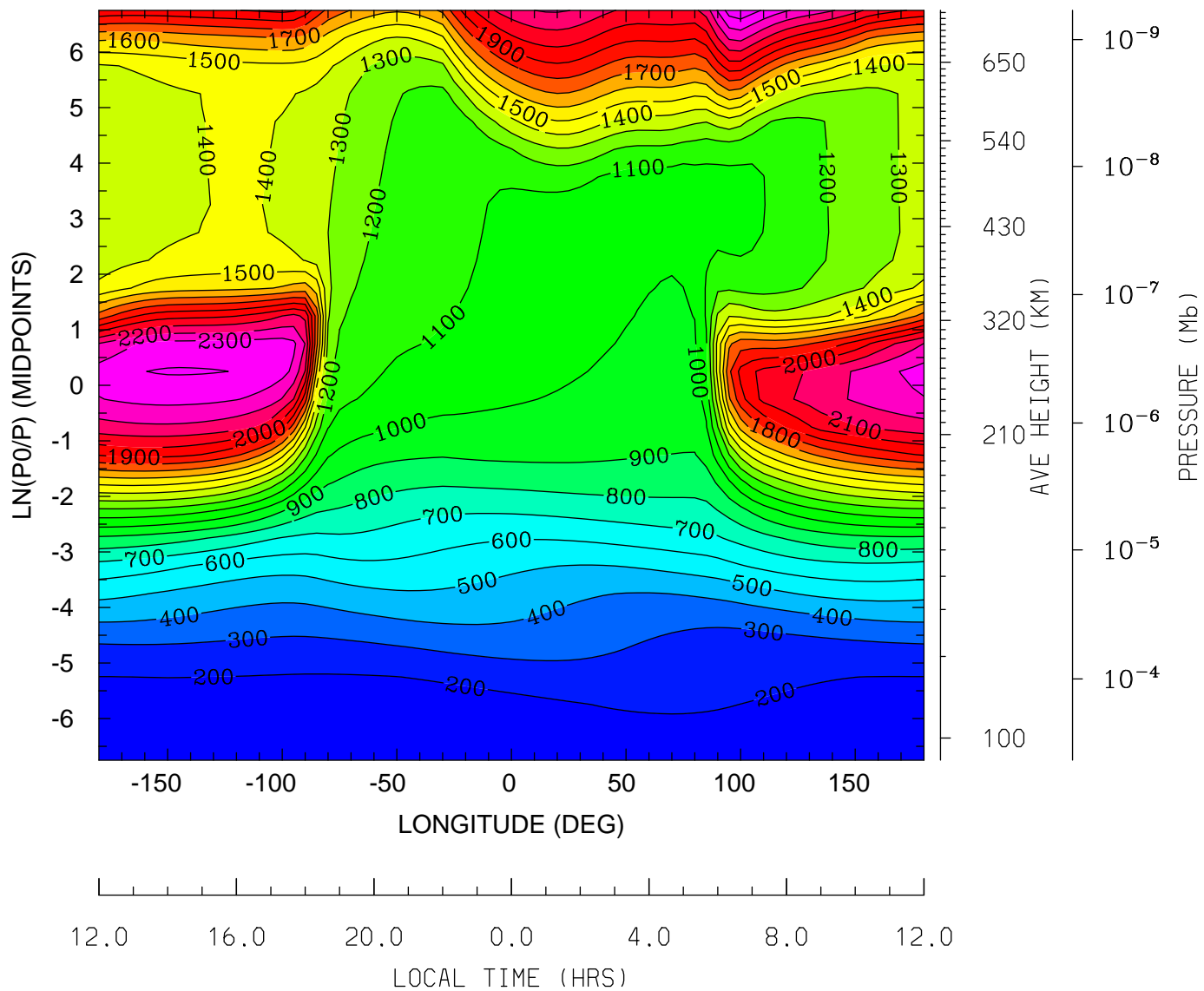
MIN,MAX= 1.6378E+02 4.1170E+03 INTERVAL= 2.5000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



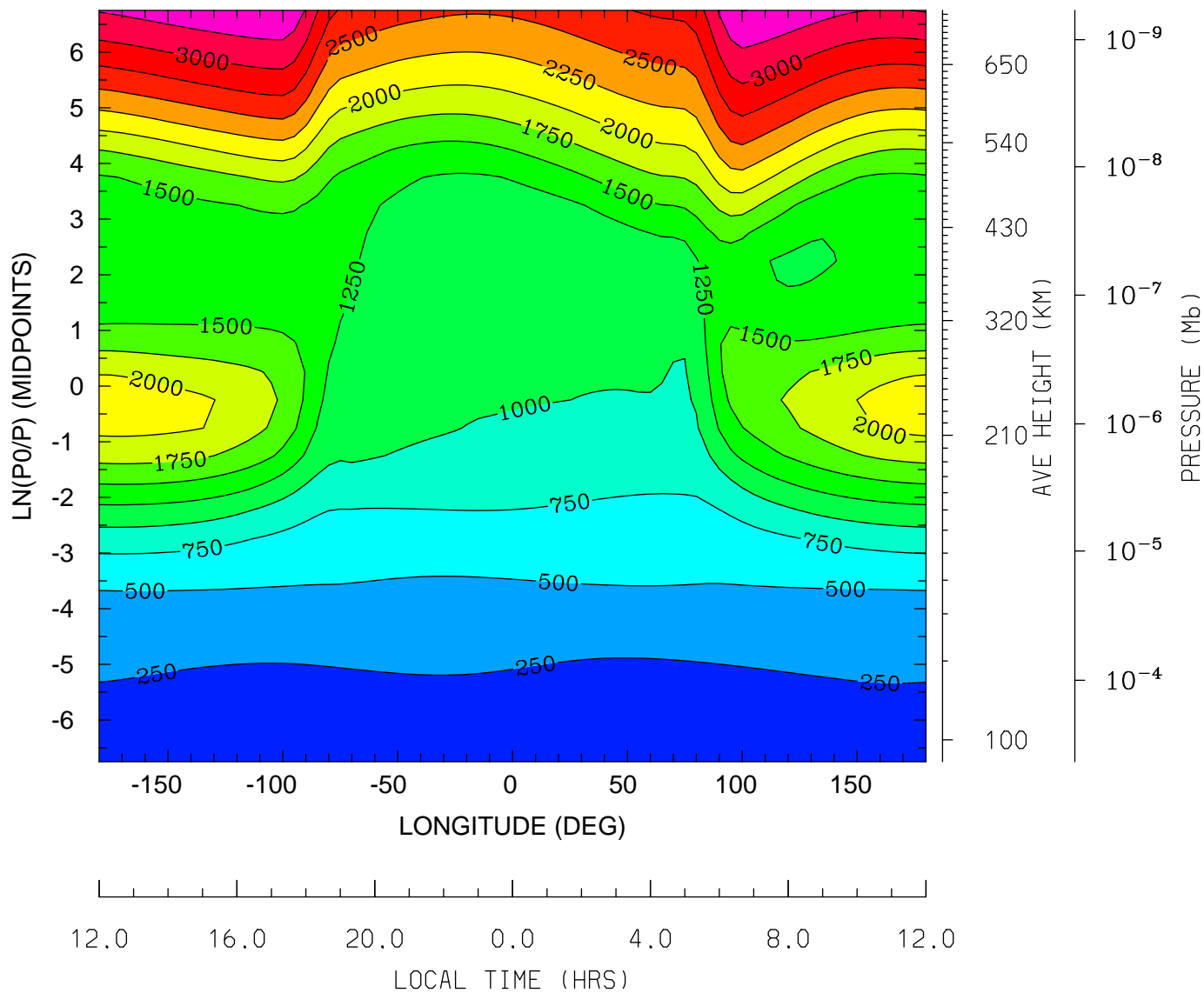
MIN,MAX= 1.5817E+02 3.8261E+03 INTERVAL= 2.5000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



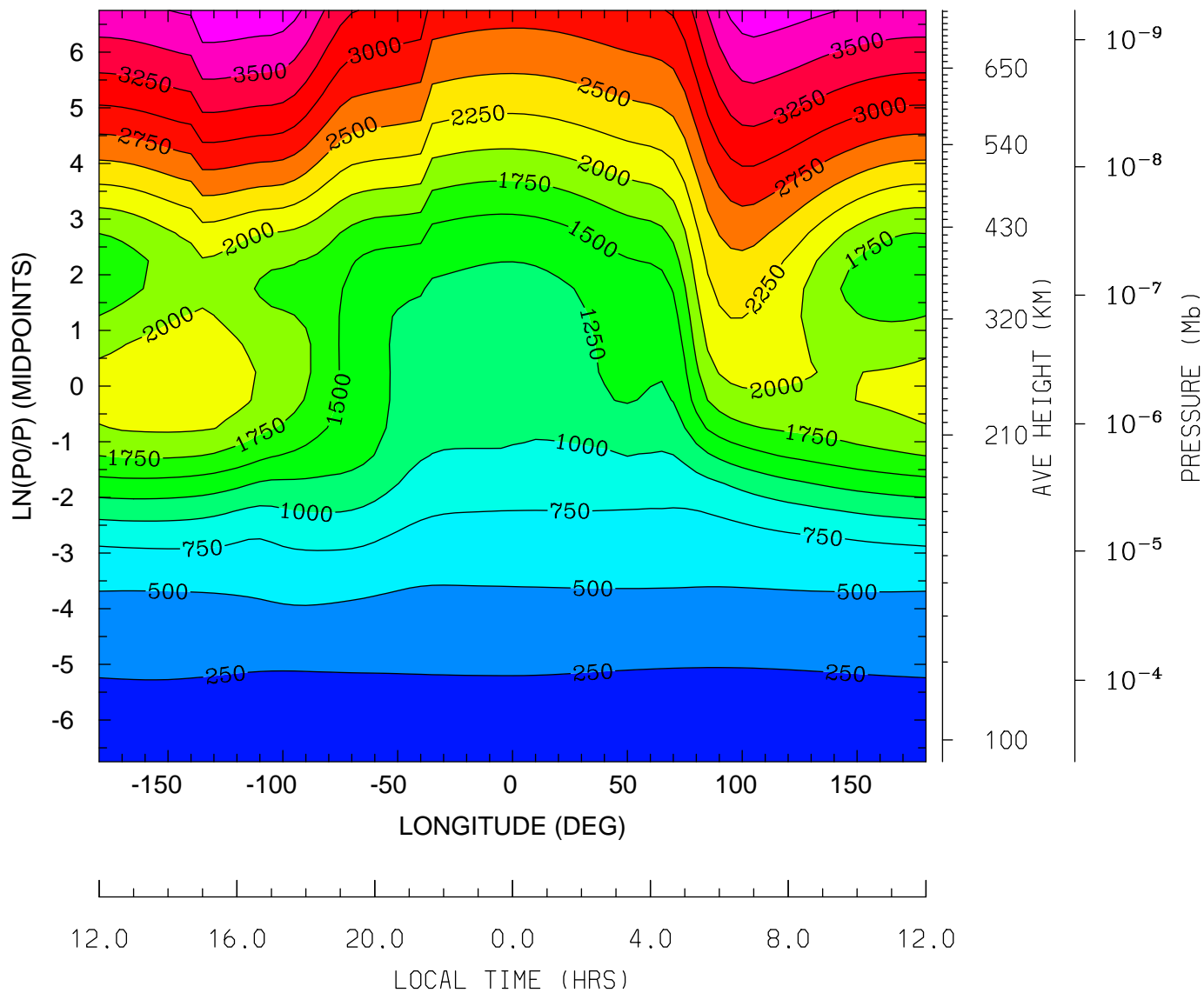
MIN,MAX= 1.4839E+02 2.4789E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



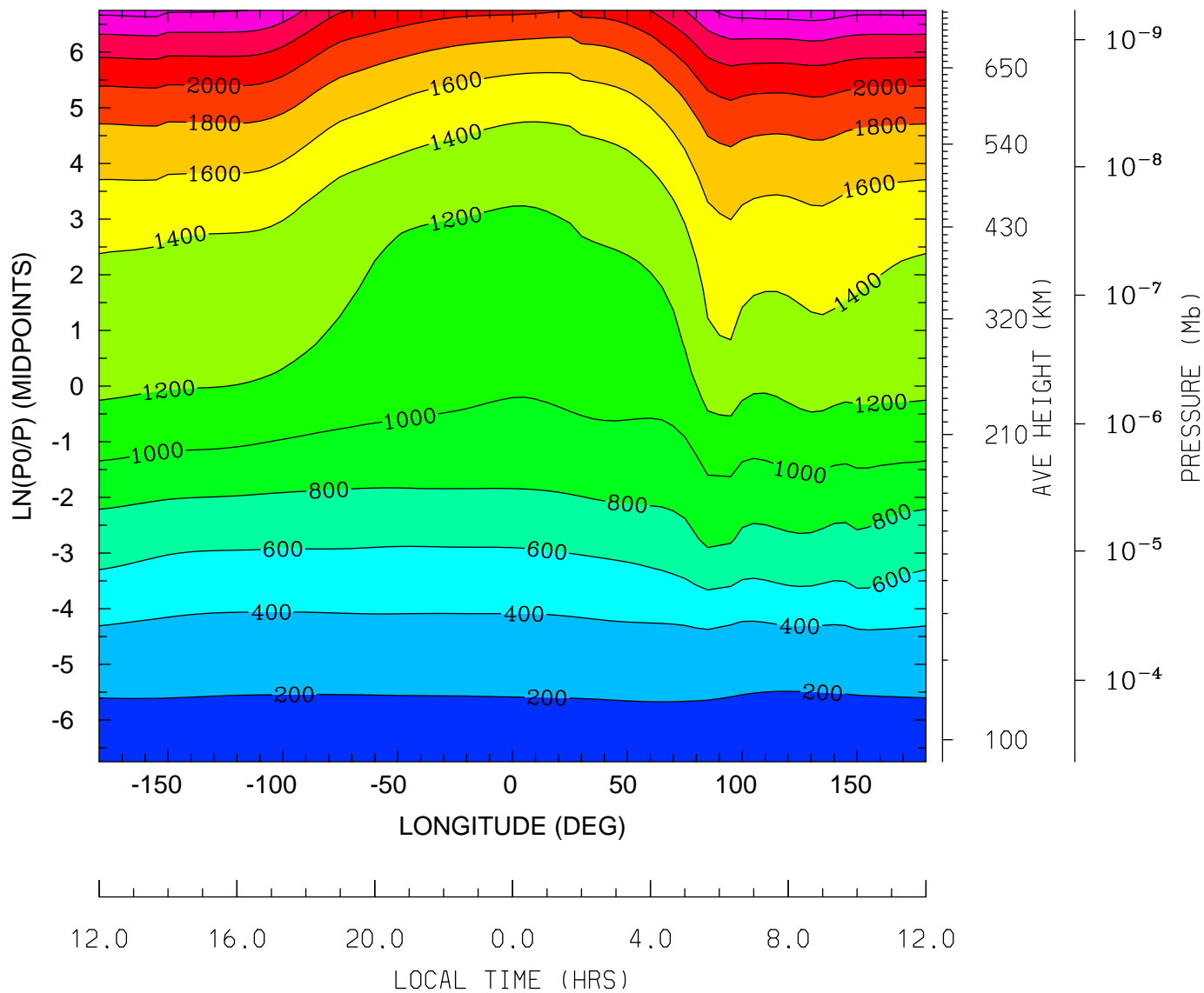
MIN,MAX= 1.5556E+02 3.5059E+03 INTERVAL= 2.5000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 1.6241E+02 3.9512E+03 INTERVAL= 2.5000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

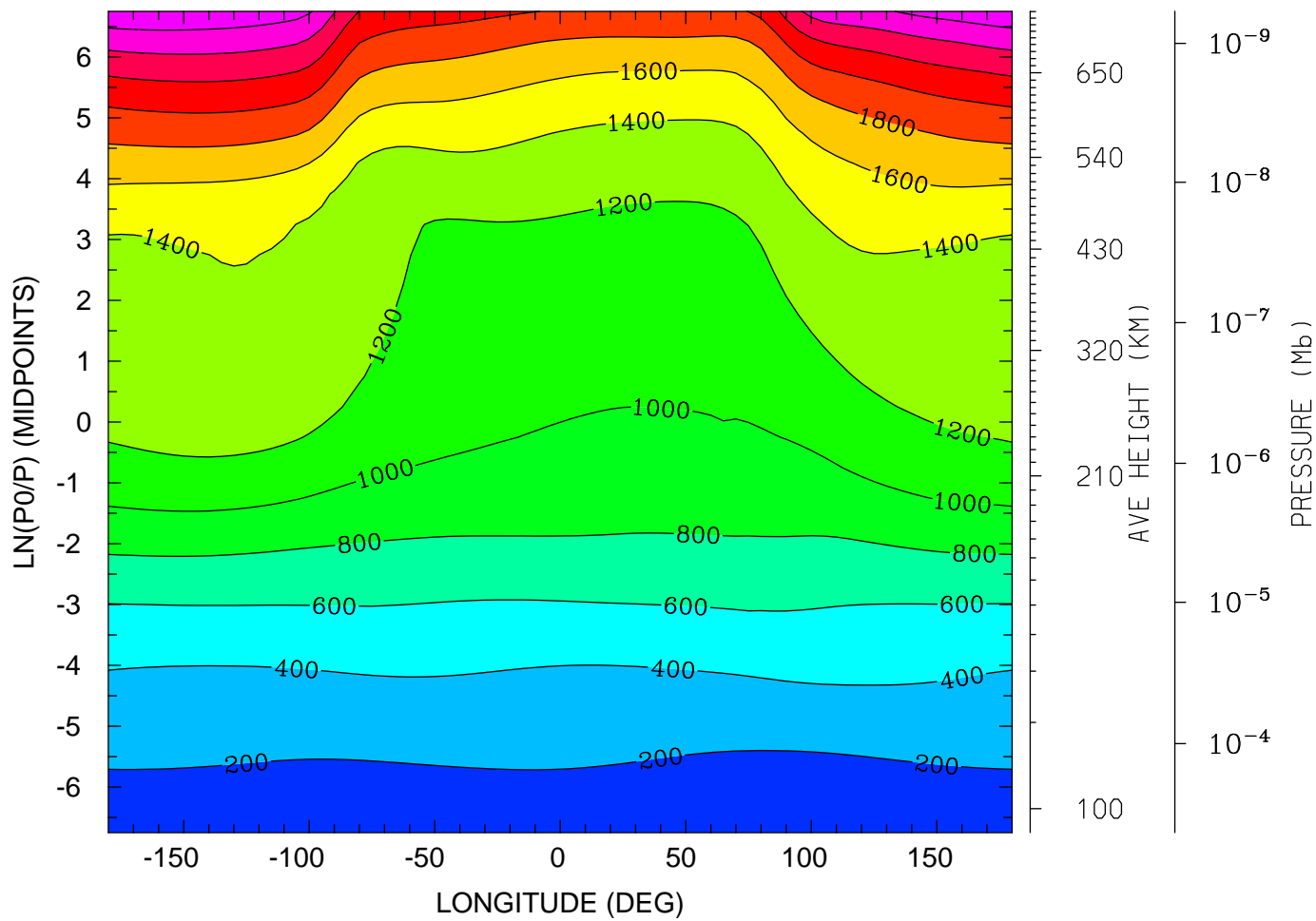
ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= -62.50 (DEG)



MIN,MAX= 1.6413E+02 2.7036E+03 INTERVAL= 2.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc



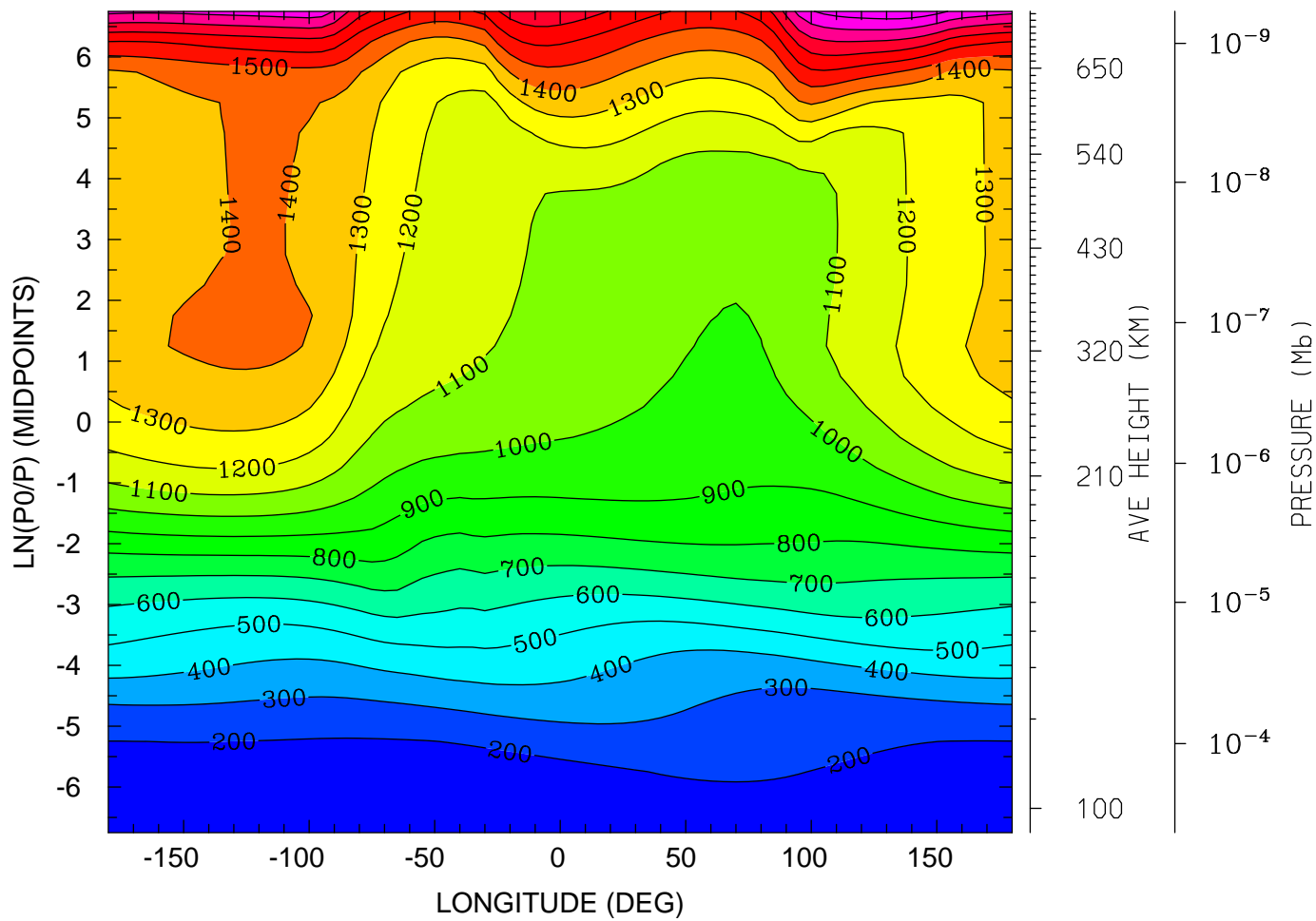
ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= -42.50 (DEG)



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

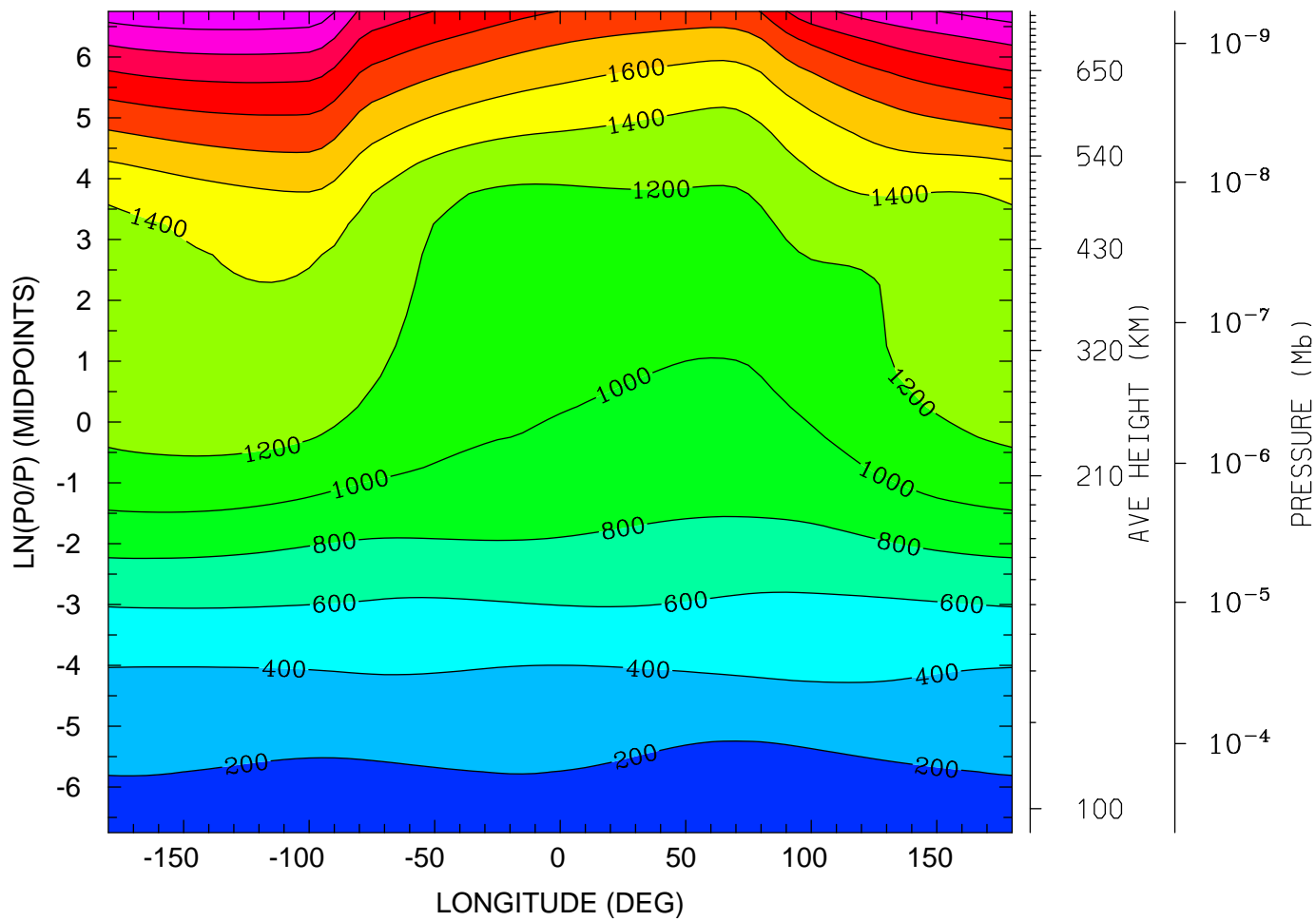
MIN,MAX= 1.5817E+02 2.7713E+03 INTERVAL= 2.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



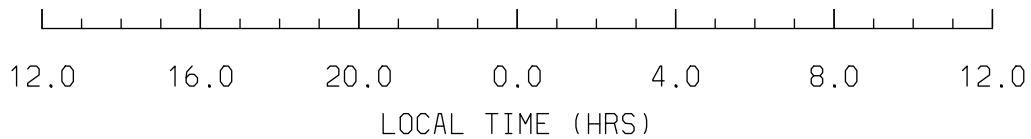
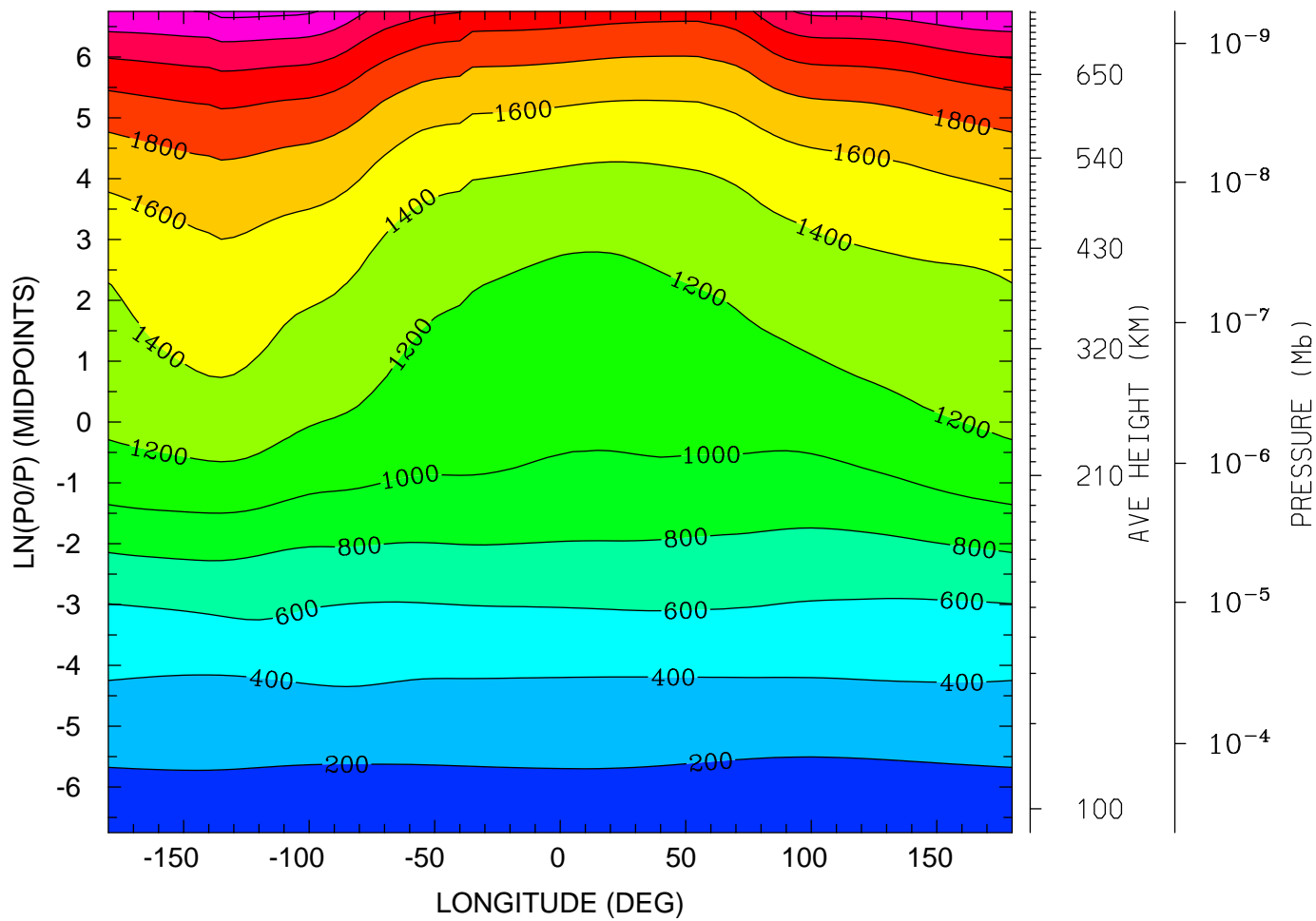
MIN,MAX= 1.4838E+02 2.0707E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



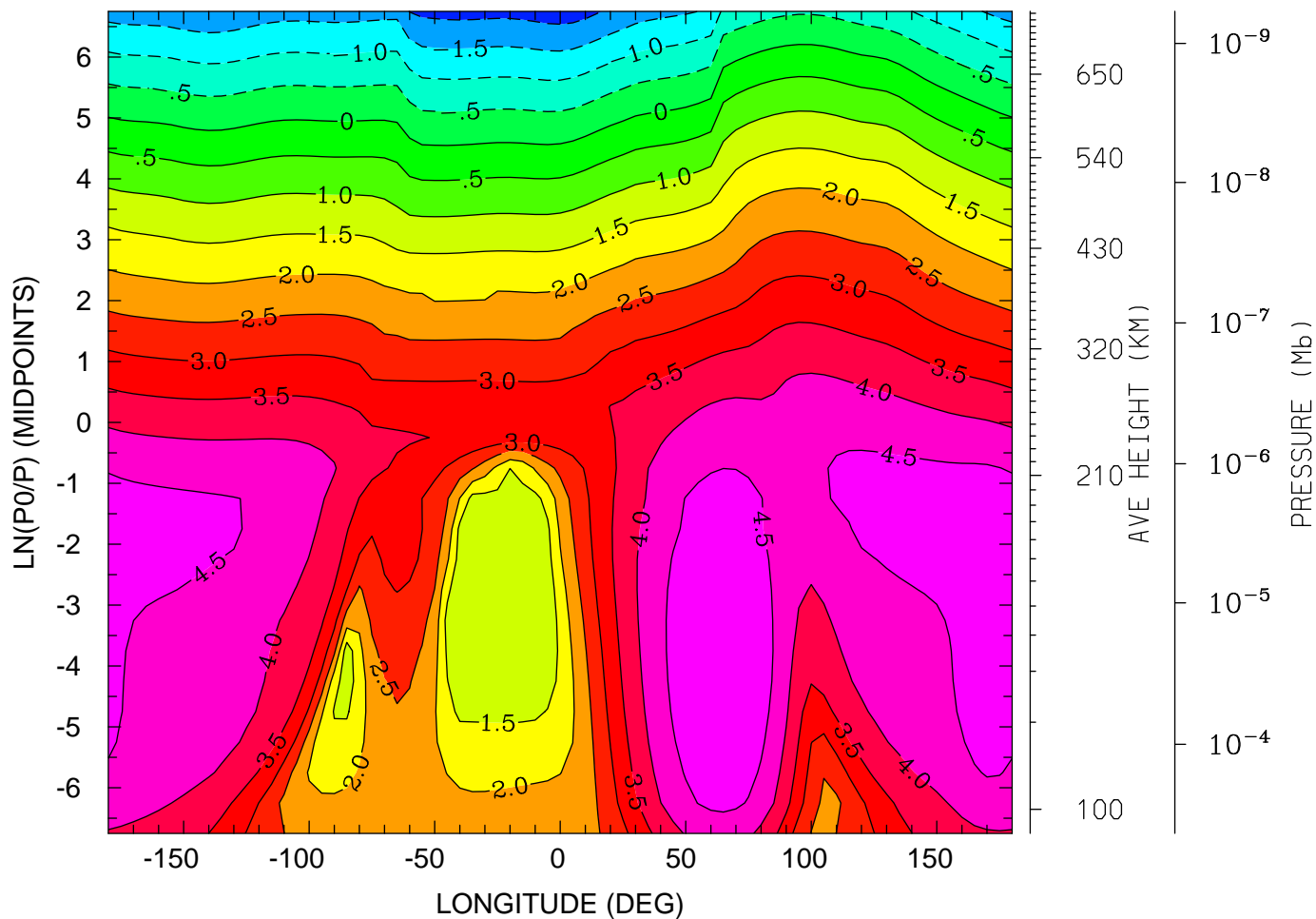
MIN,MAX= 1.5557E+02 2.7585E+03 INTERVAL= 2.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 1.6241E+02 2.6522E+03 INTERVAL= 2.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

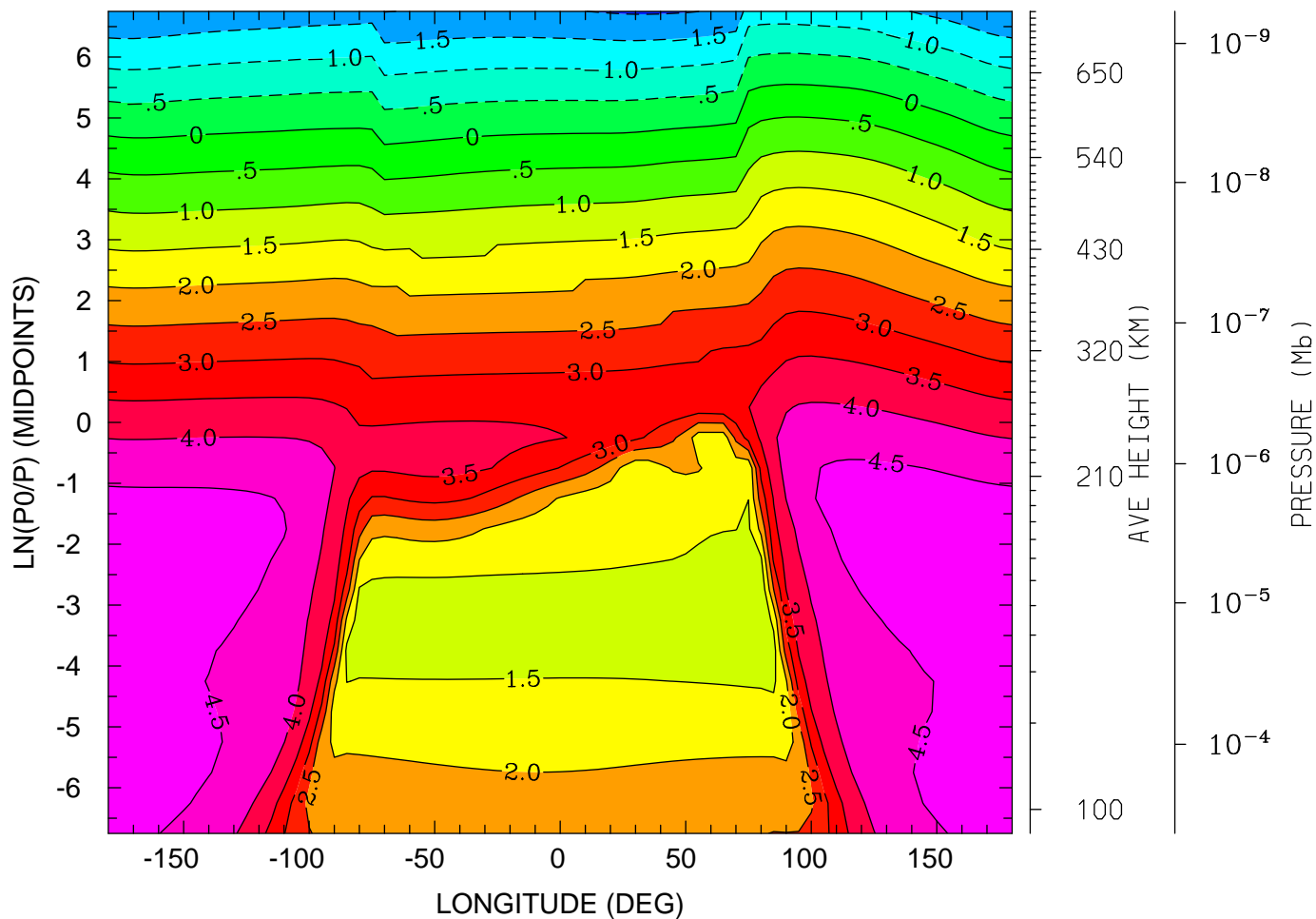
LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



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

MIN,MAX= -2.2501E+00 4.9958E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

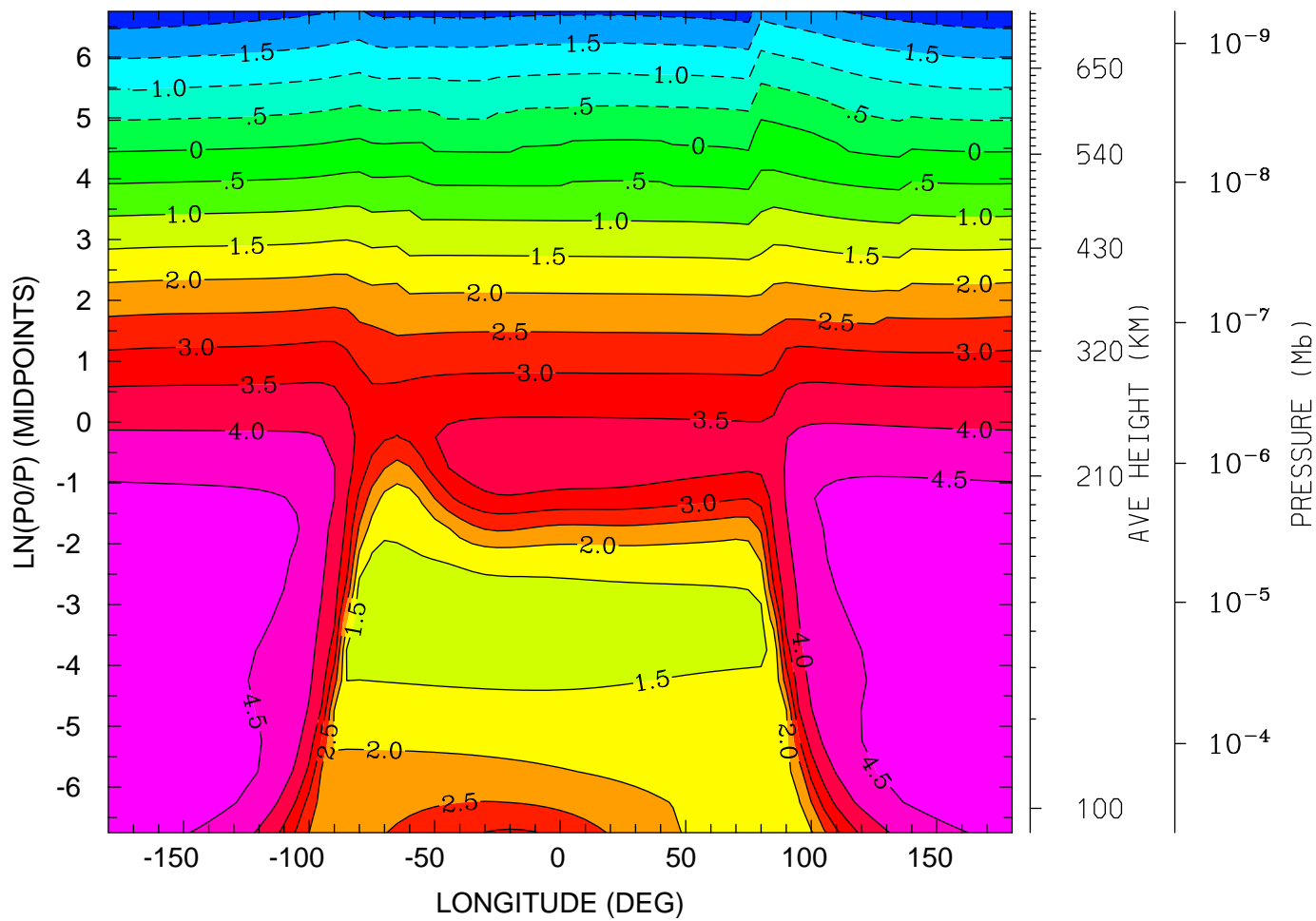
LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= -42.50 (DEG)



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

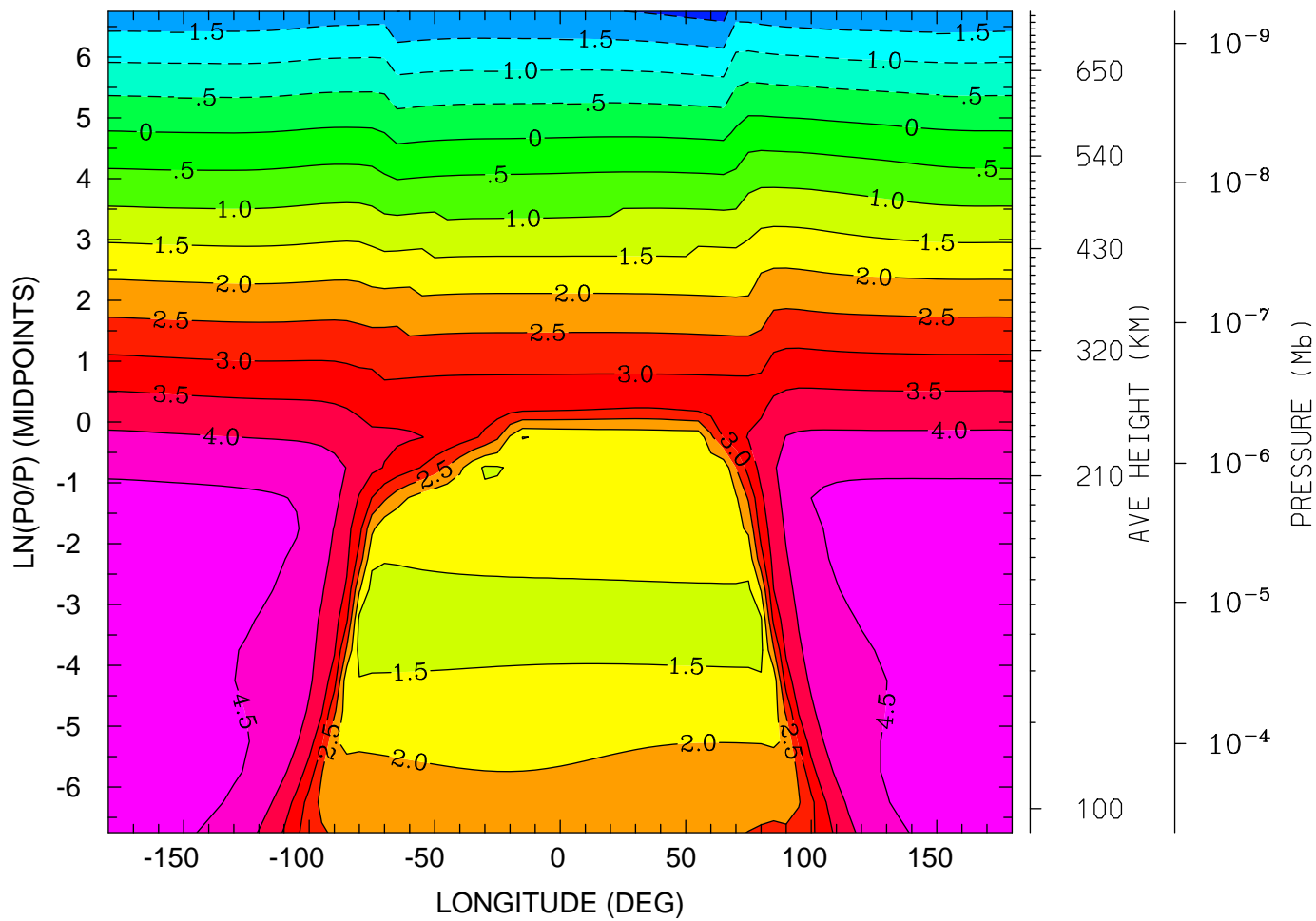
MIN,MAX= -2.0559E+00 4.8343E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= -2.2937E+00 4.8882E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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

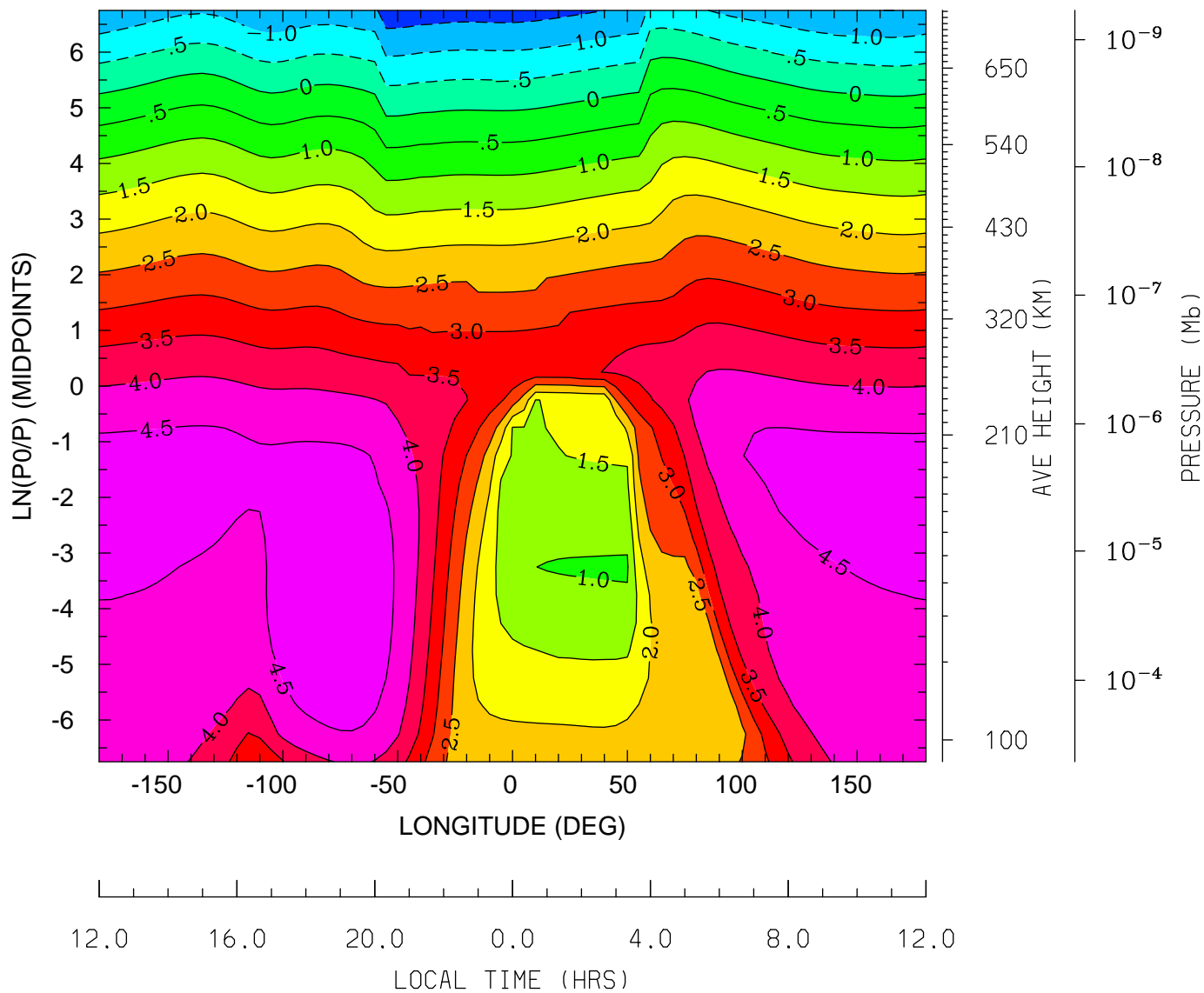


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -2.1990E+00 4.8372E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

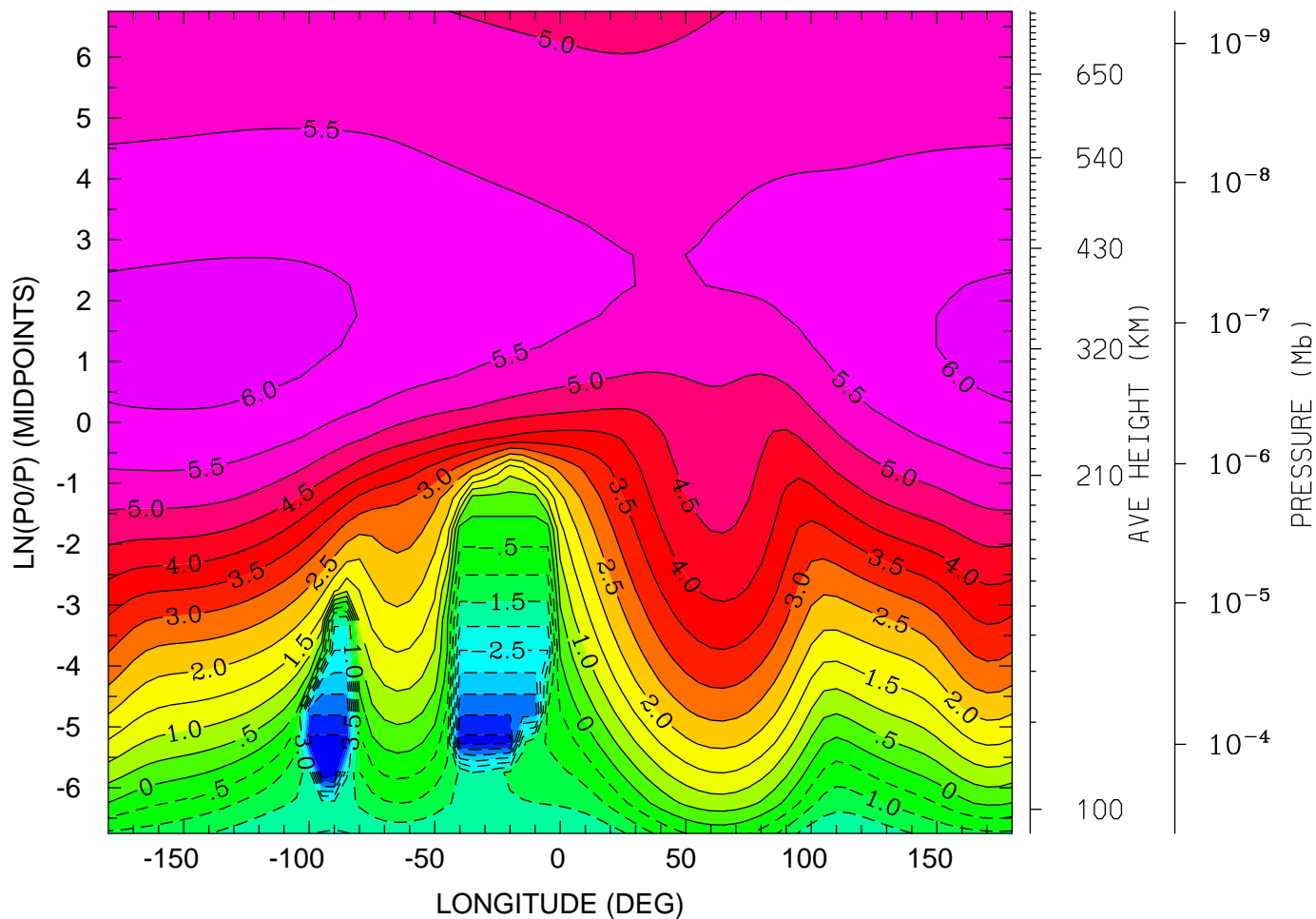


LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= 57.50 (DEG)



MIN,MAX= -1.8431E+00 4.8840E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

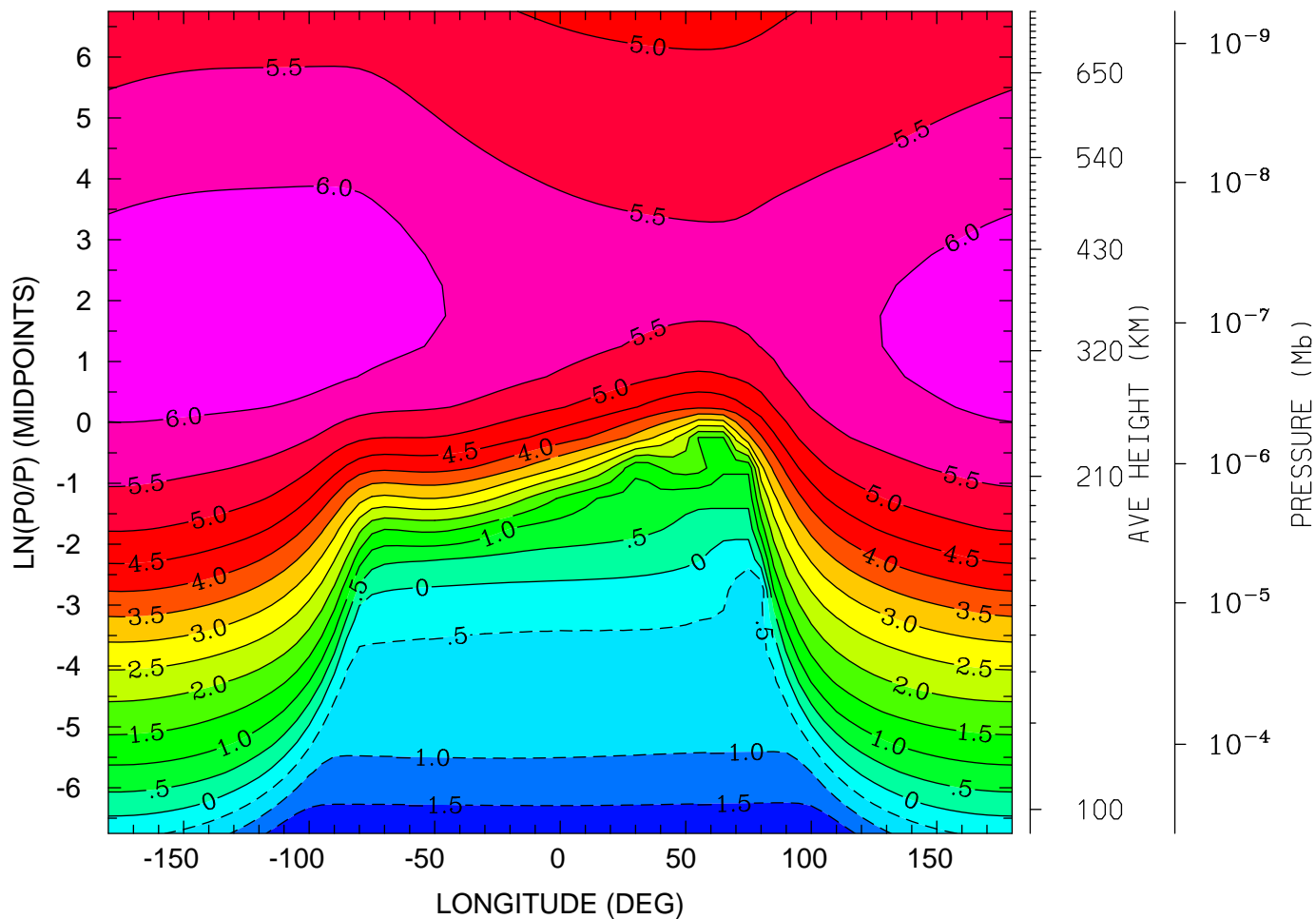
LOG10 O+ ION (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



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

MIN,MAX= -5.0000E+00 6.1828E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

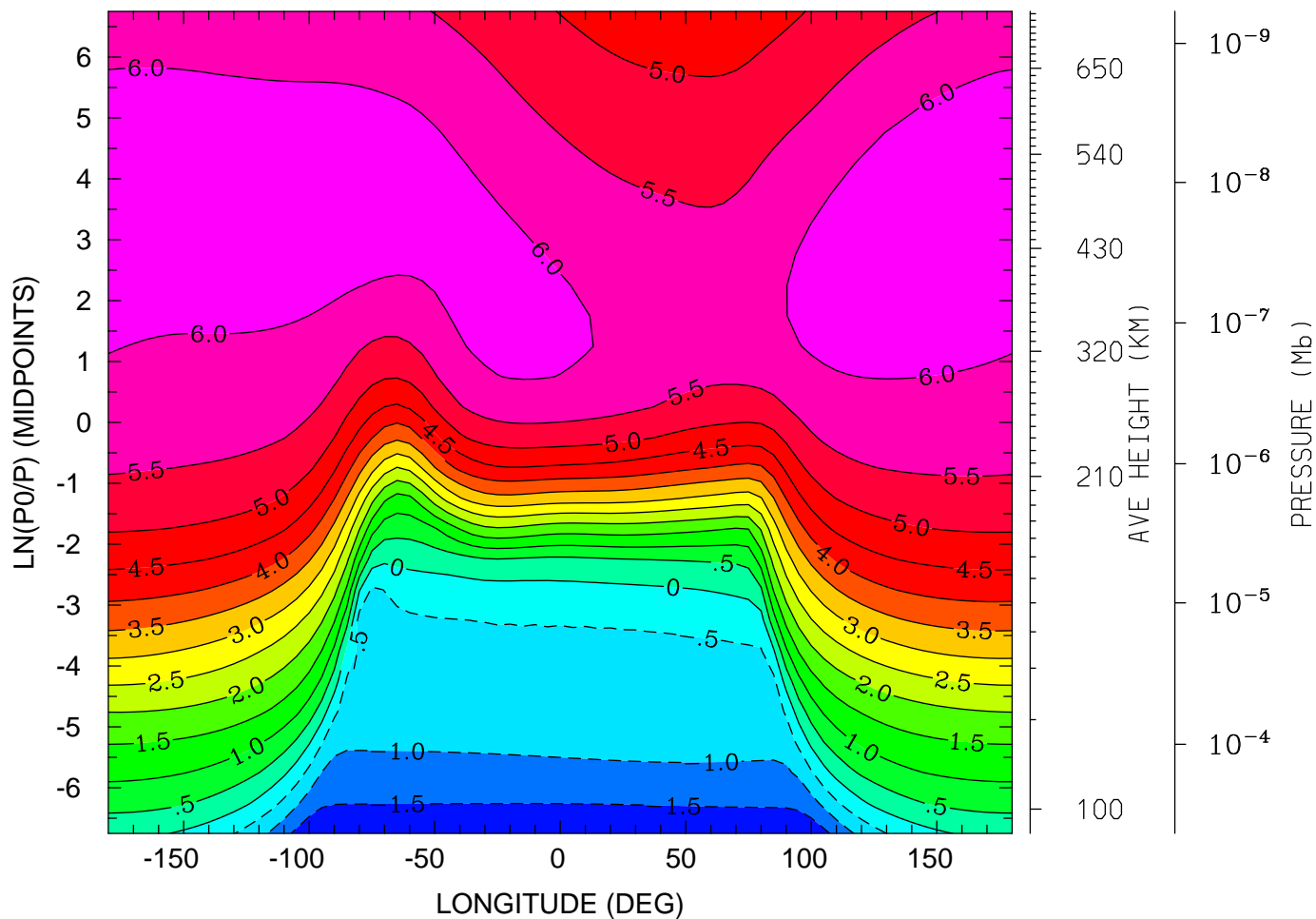
LOG10 O+ ION (CM3)  
UT= 0.00 LAT= -42.50 (DEG)



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

MIN,MAX= -1.9969E+00 6.3554E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

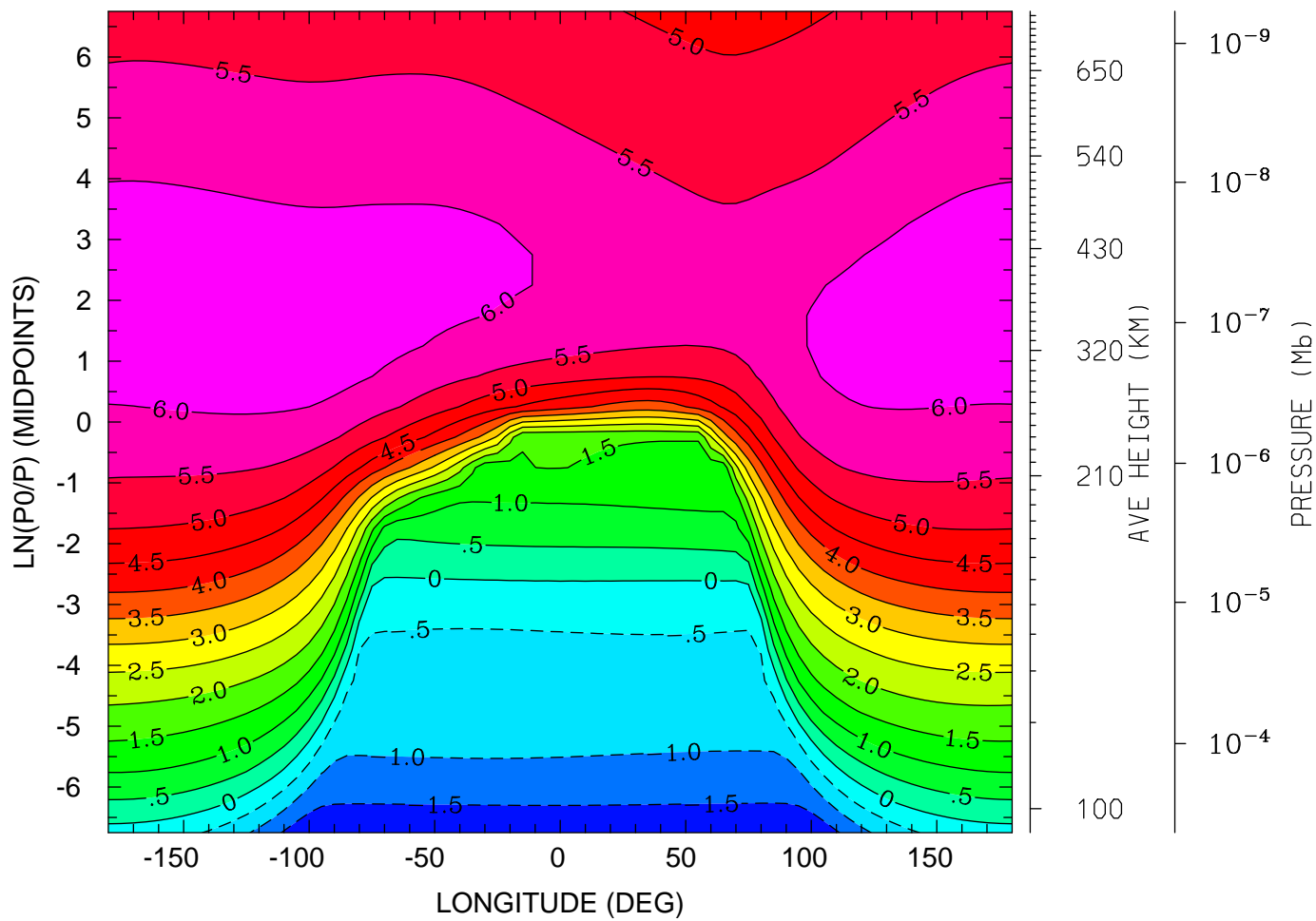
LOG10 O+ ION (CM3)  
UT= 0.00 LAT= -2.50 (DEG)



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

MIN,MAX= -1.9824E+00 6.3415E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

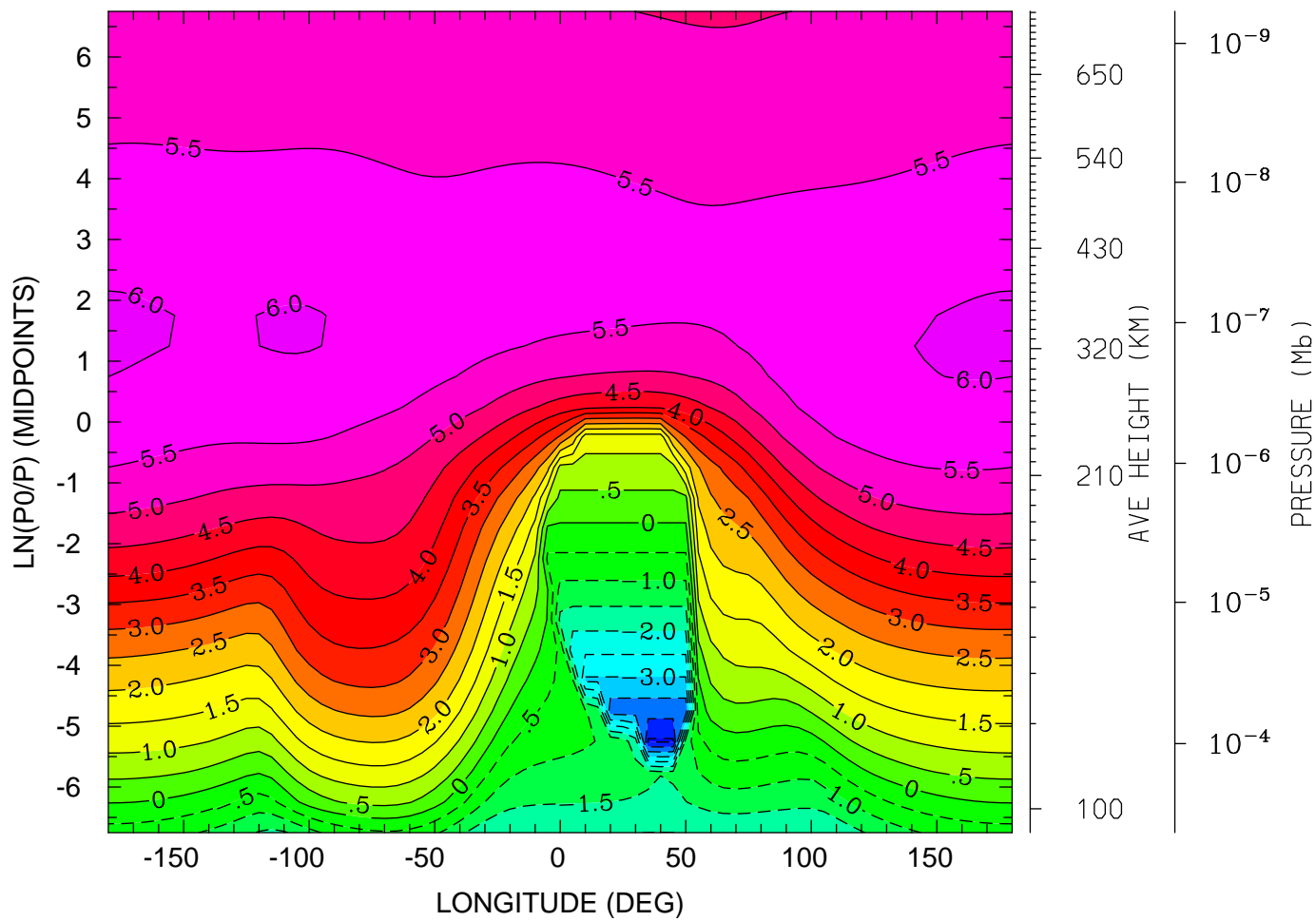
LOG10 O+ ION (CM3)  
UT= 0.00 LAT= 37.50 (DEG)



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

MIN,MAX= -1.9760E+00 6.3427E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

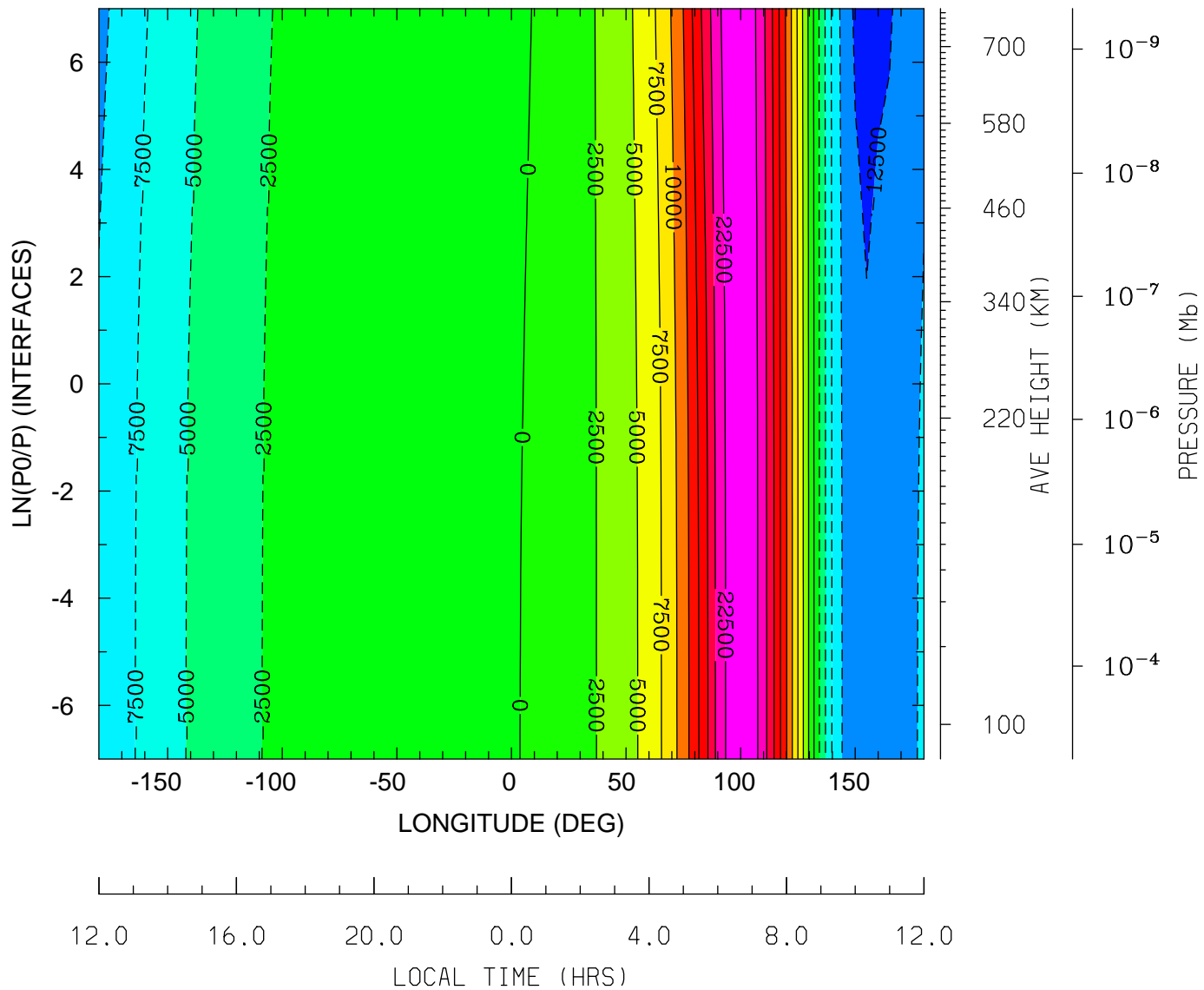
LOG10 O+ ION (CM3)  
UT= 0.00 LAT= 57.50 (DEG)



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

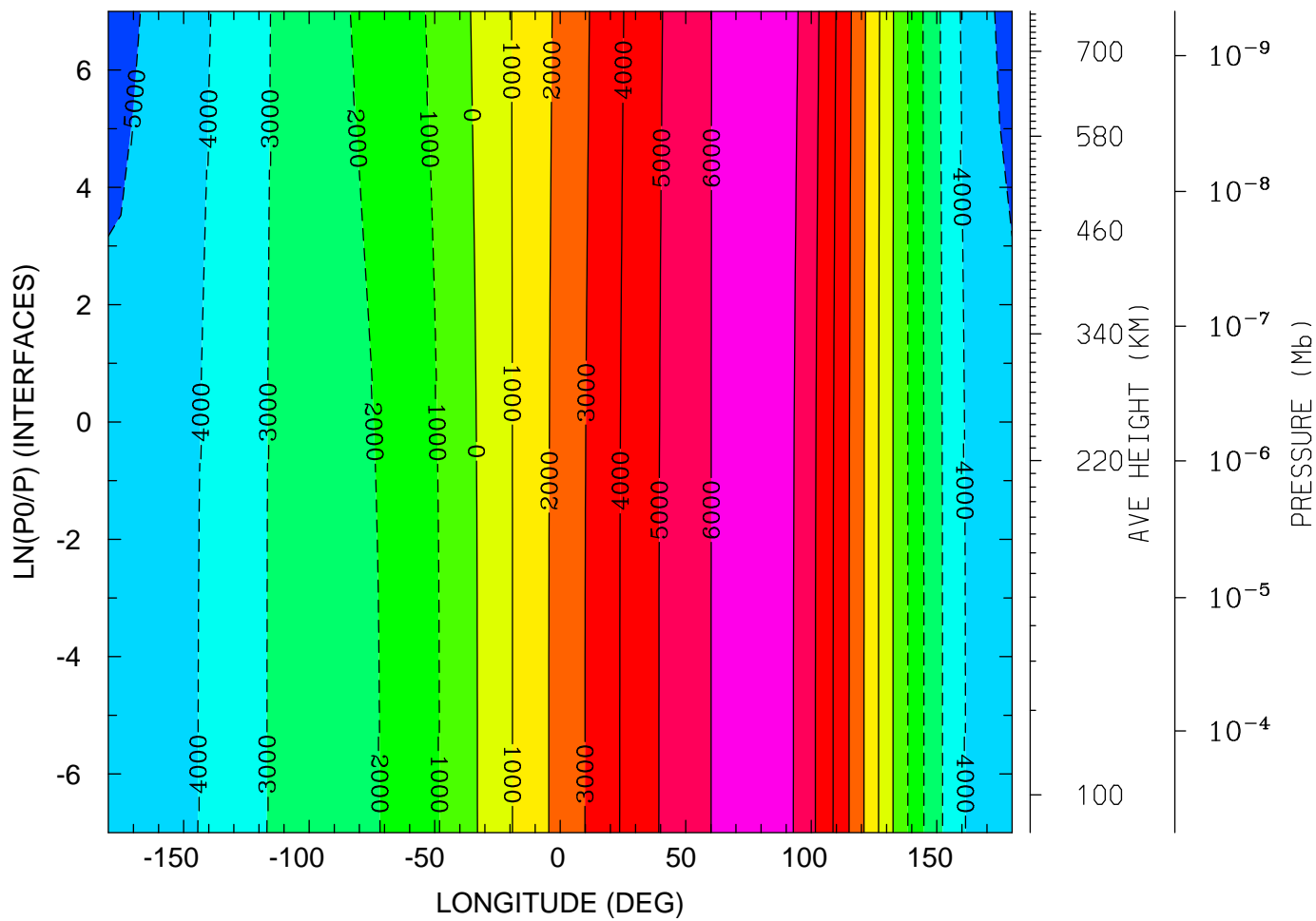
MIN,MAX= -4.5706E+00 6.0531E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= -1.3495E+04 2.3994E+04 INTERVAL= 2.5000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

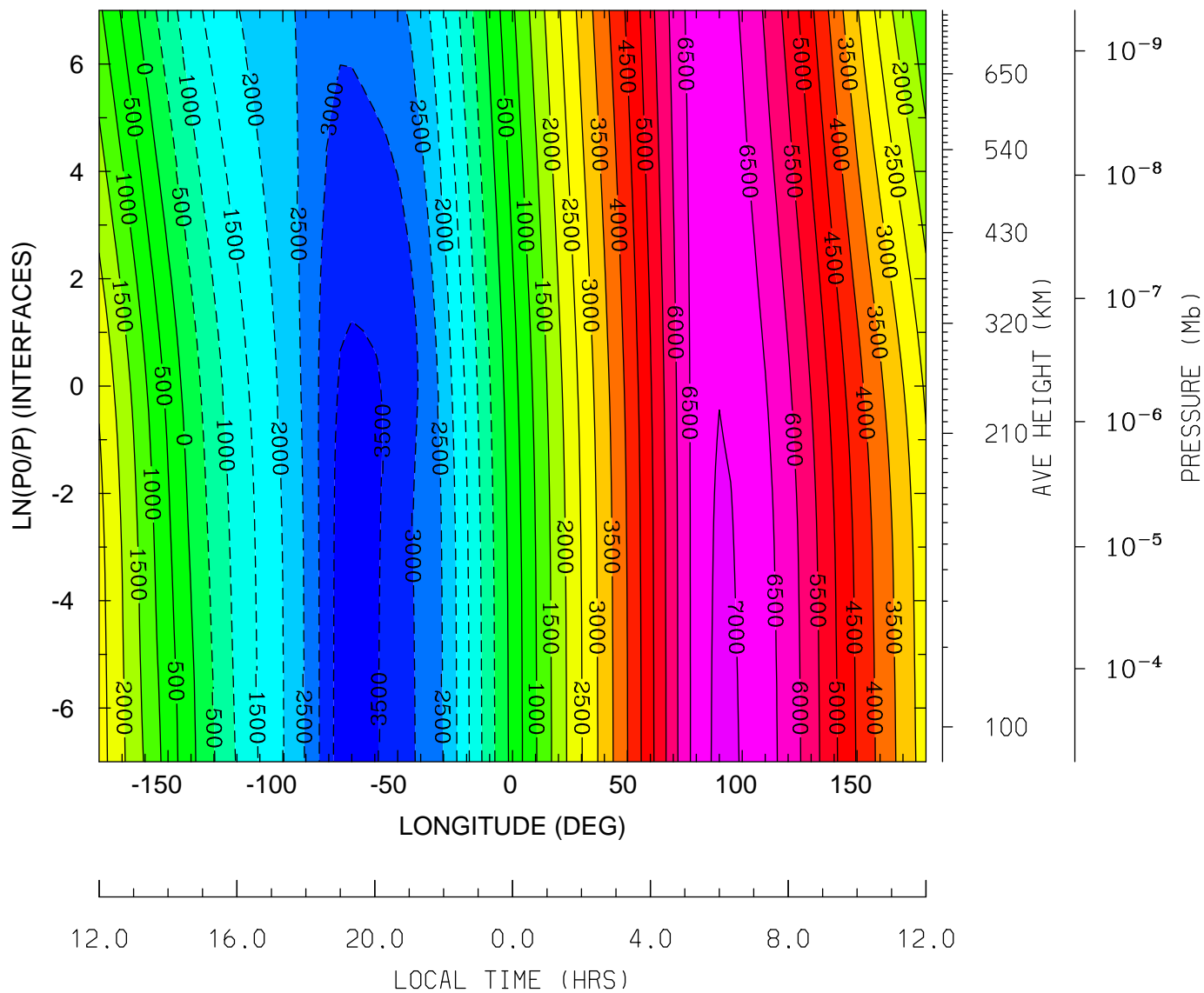
ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -42.50 (DEG)



MIN,MAX= -5.1660E+03 6.8616E+03 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

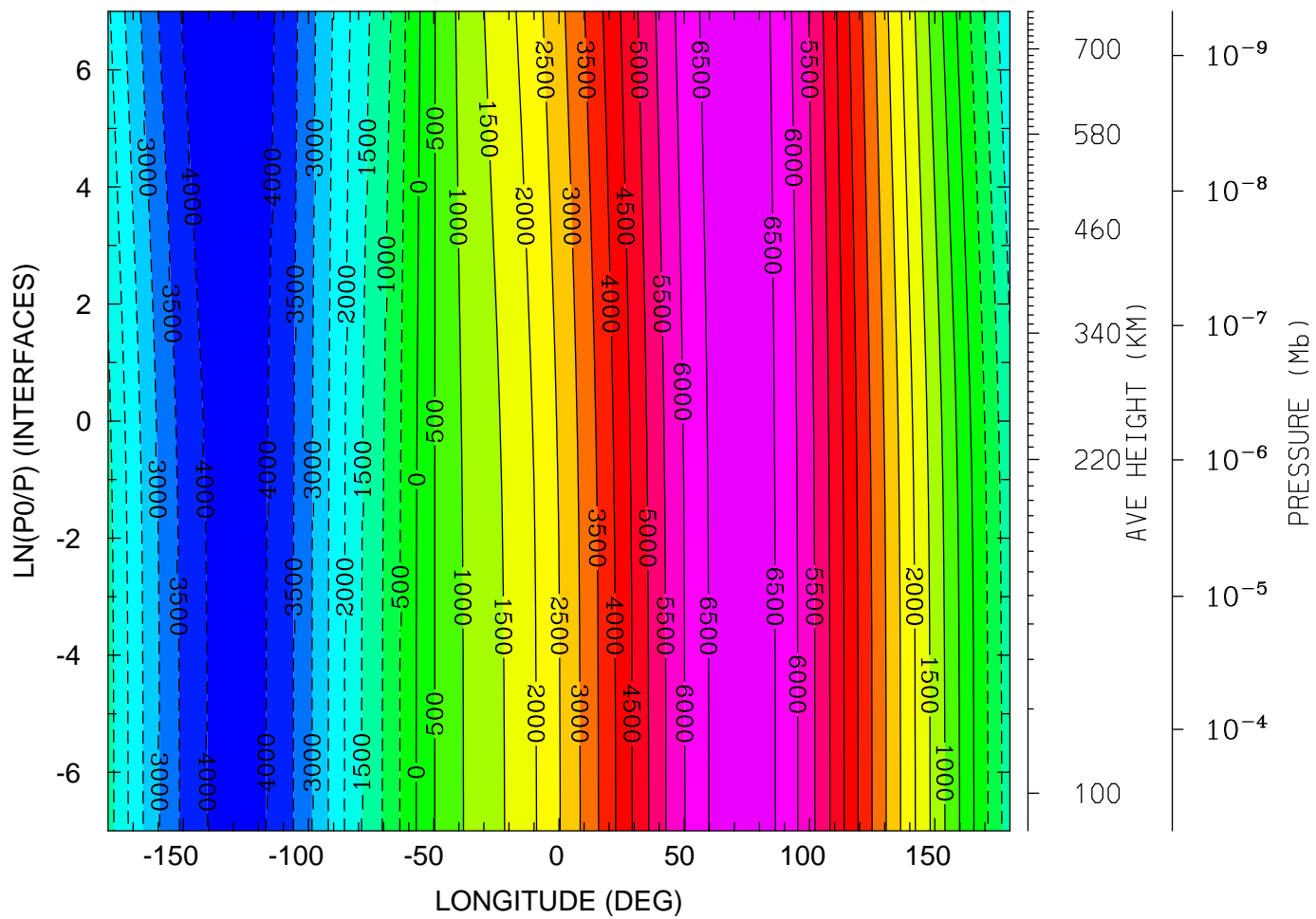


ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -2.50 (DEG)



MIN,MAX= -3.7728E+03 7.0668E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

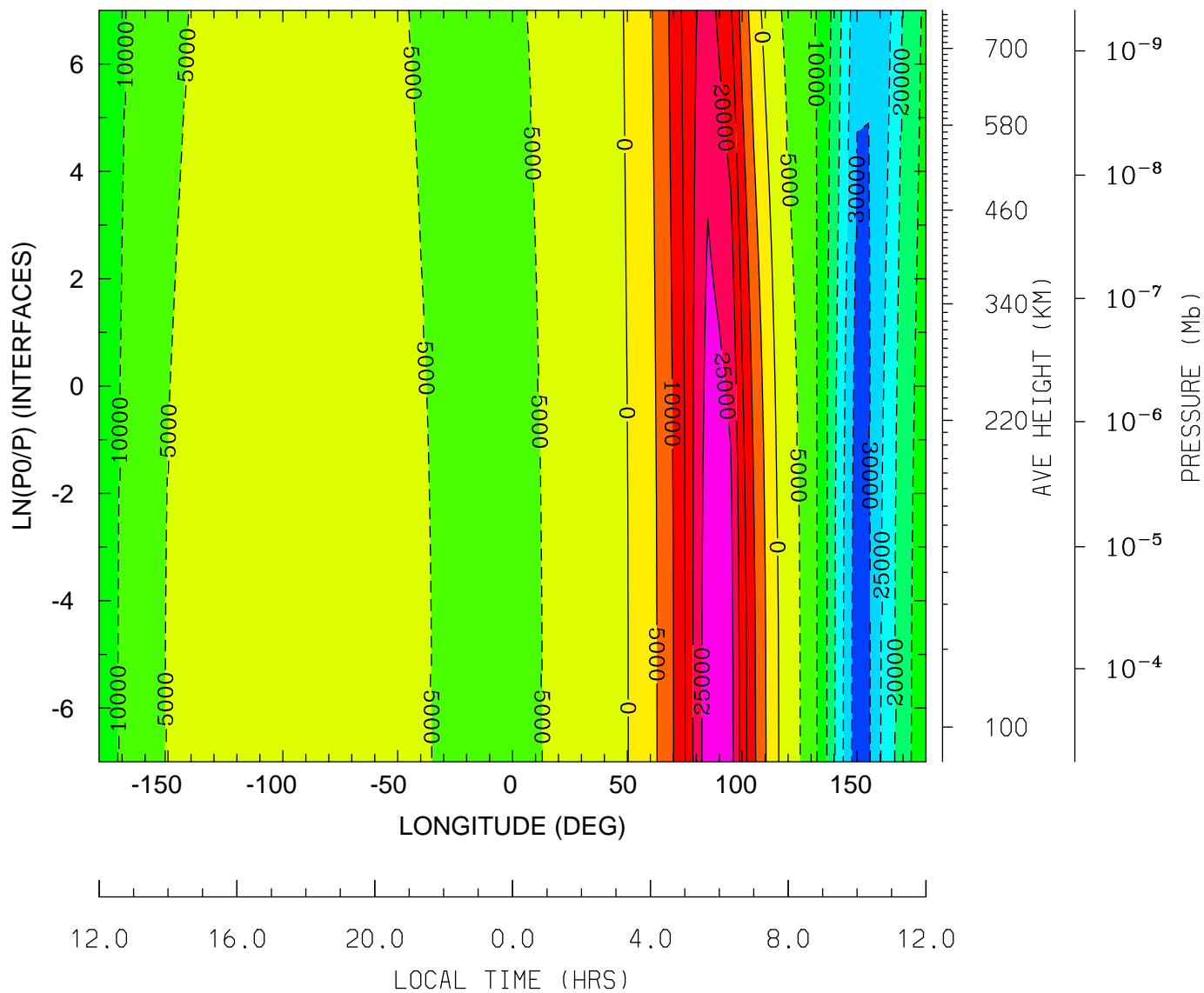
ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= 37.50 (DEG)



MIN,MAX= -4.4294E+03 6.8535E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

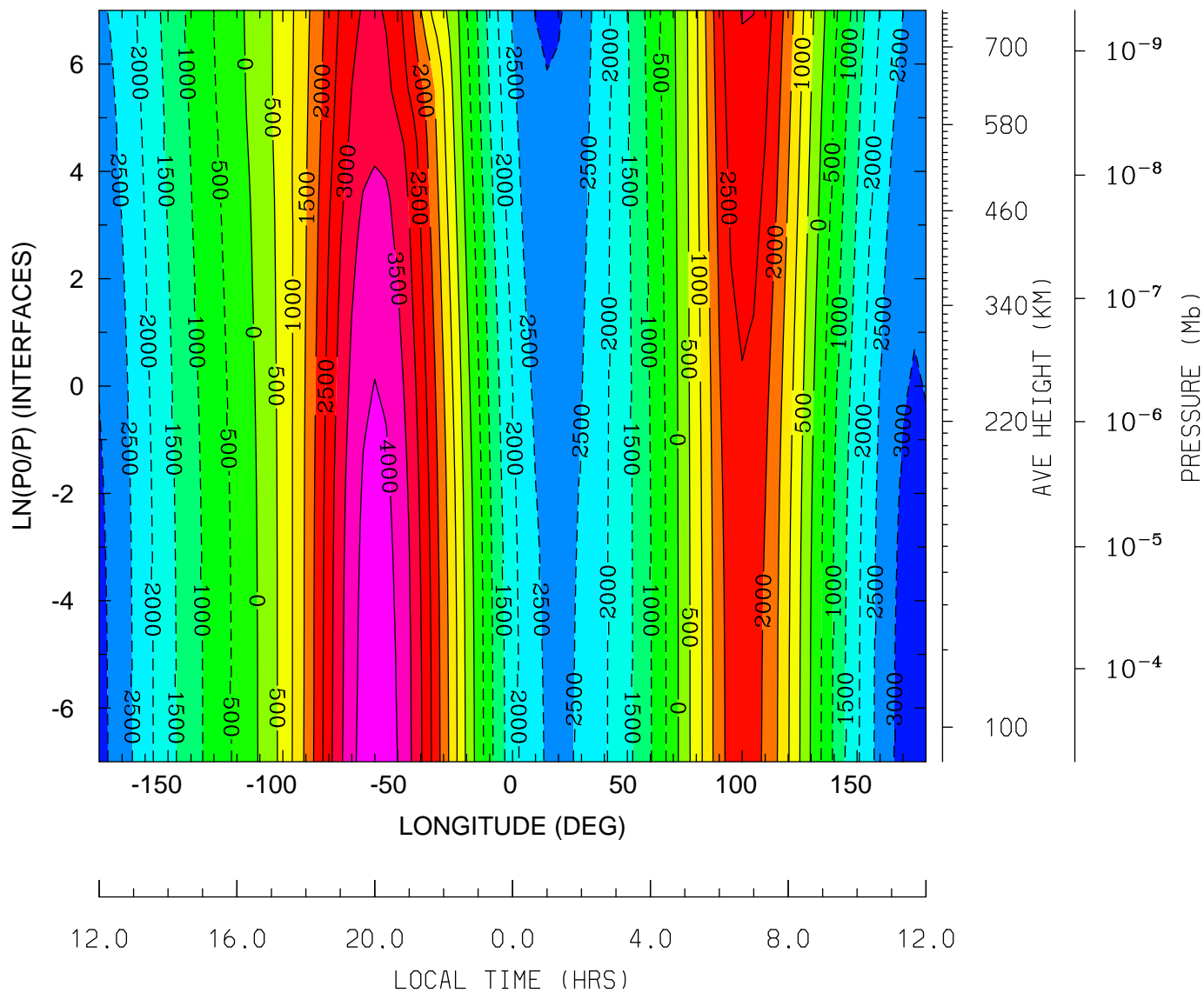


UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 (DEG)



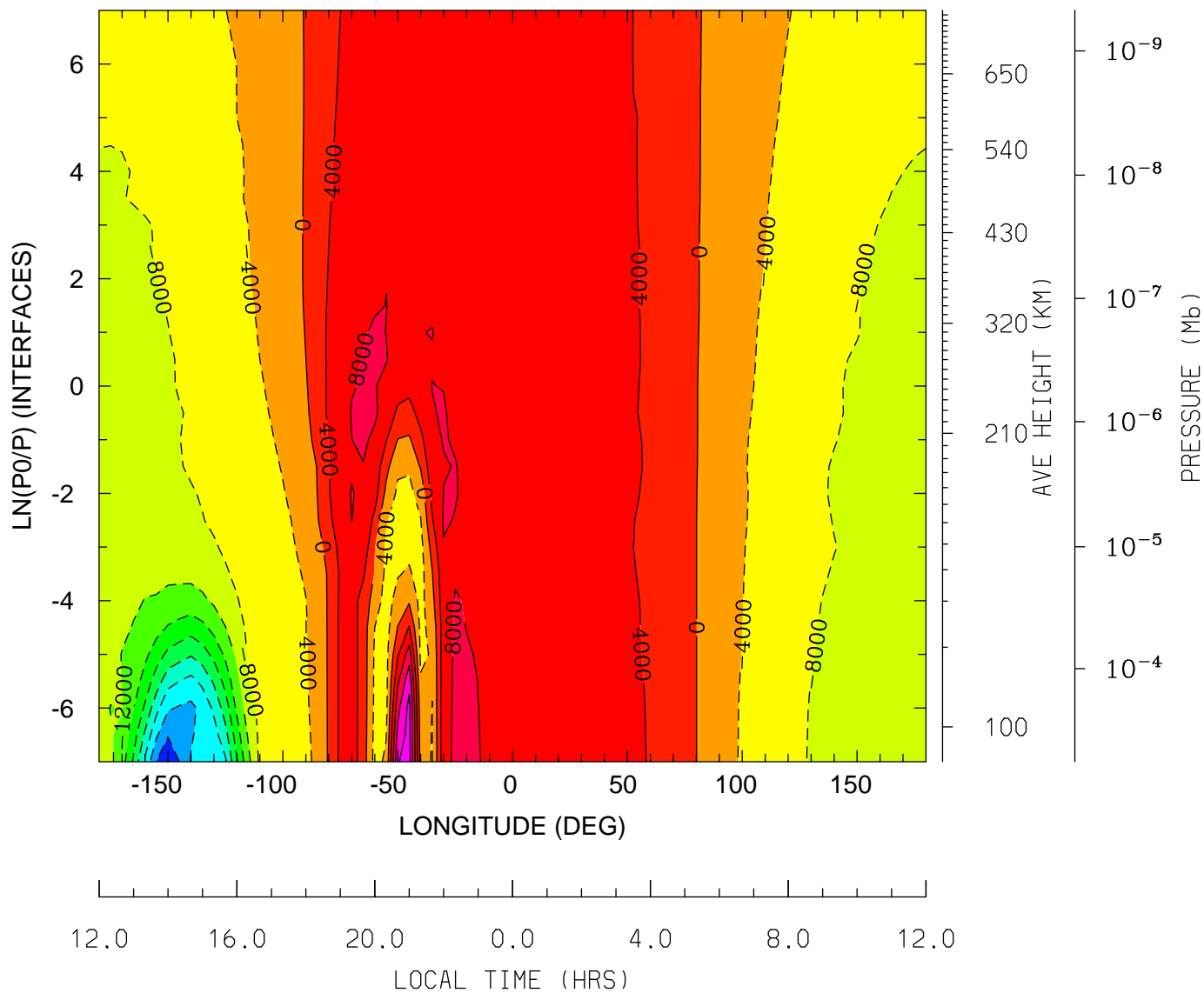
MIN,MAX= -3.3002E+04 2.8136E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



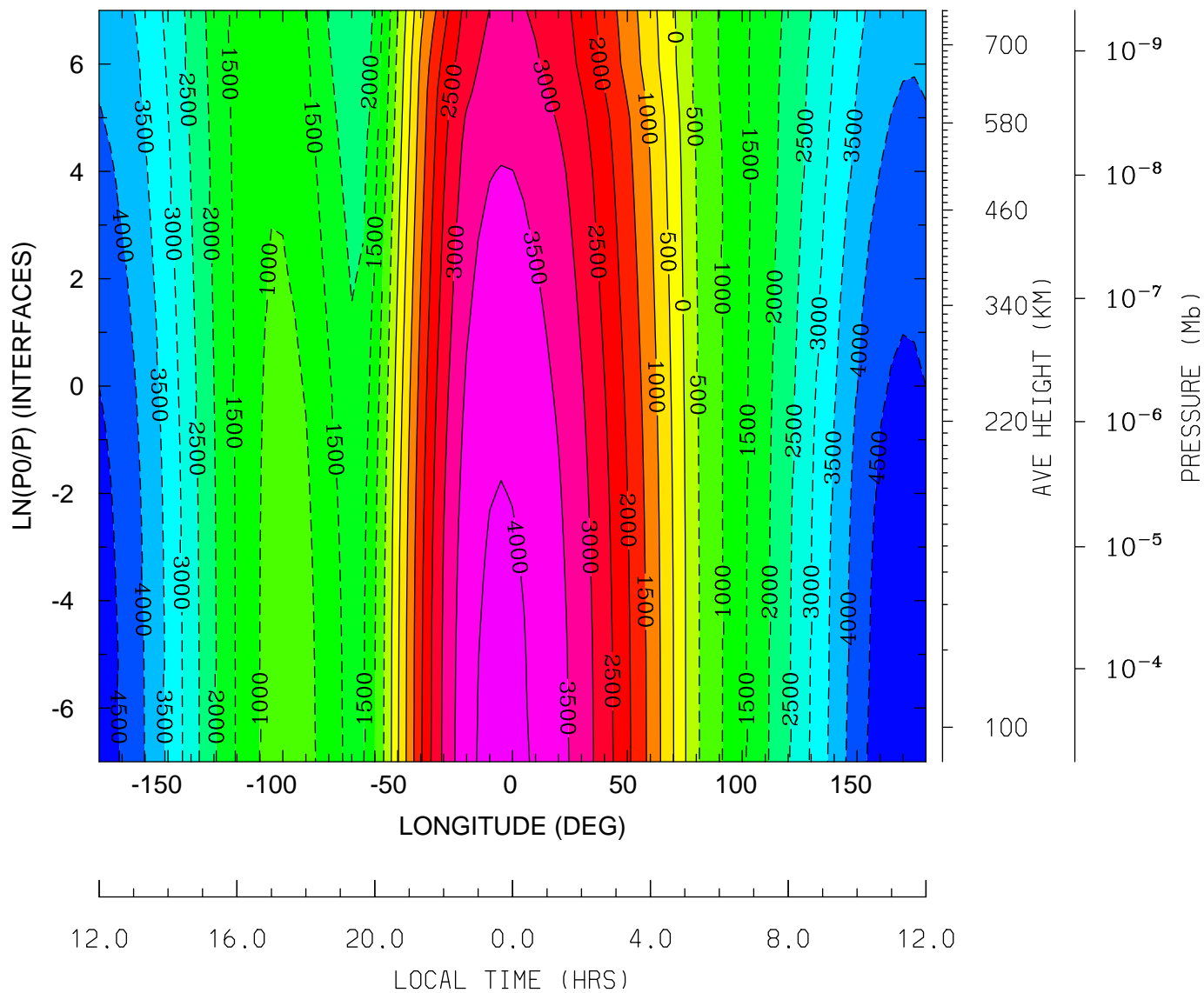
MIN,MAX= -3.1885E+03 4.3282E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



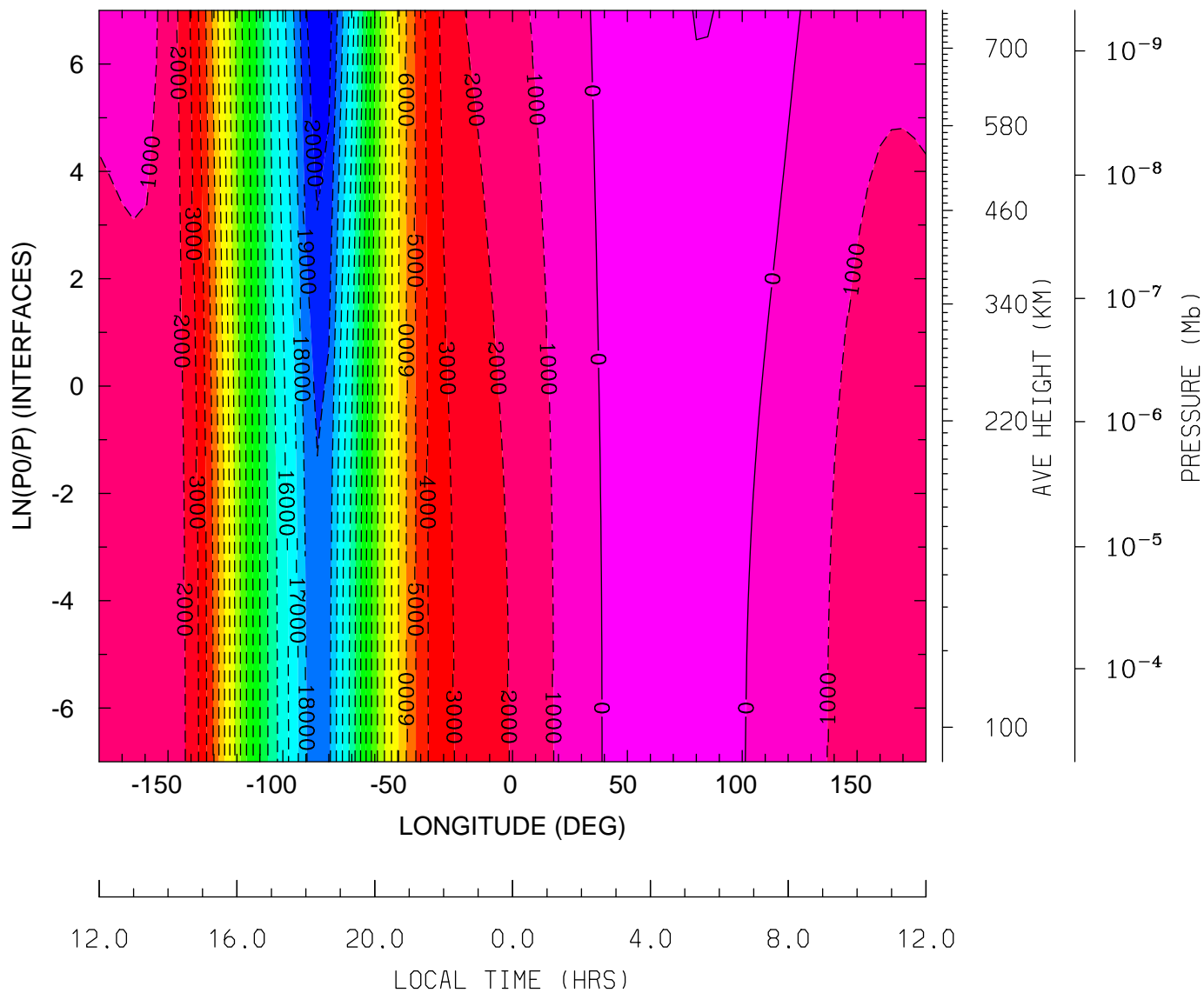
MIN,MAX= -3.9765E+04 1.7780E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= -4.8907E+03 4.1515E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

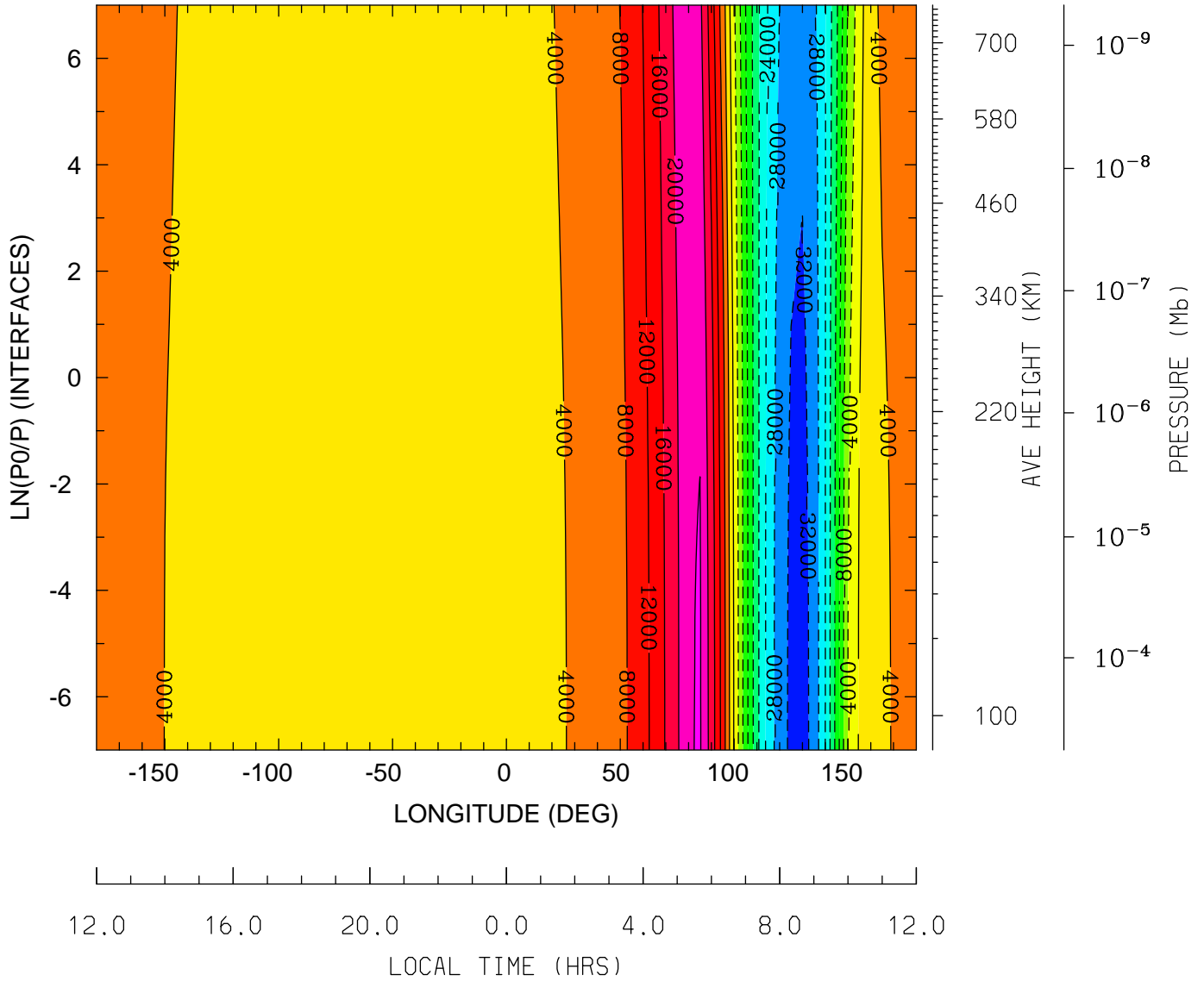
UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
 UT= 0.00 LAT= 57.50 (DEG)



MIN,MAX= -2.0938E+04 1.0417E+03 INTERVAL= 1.0000E+03  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

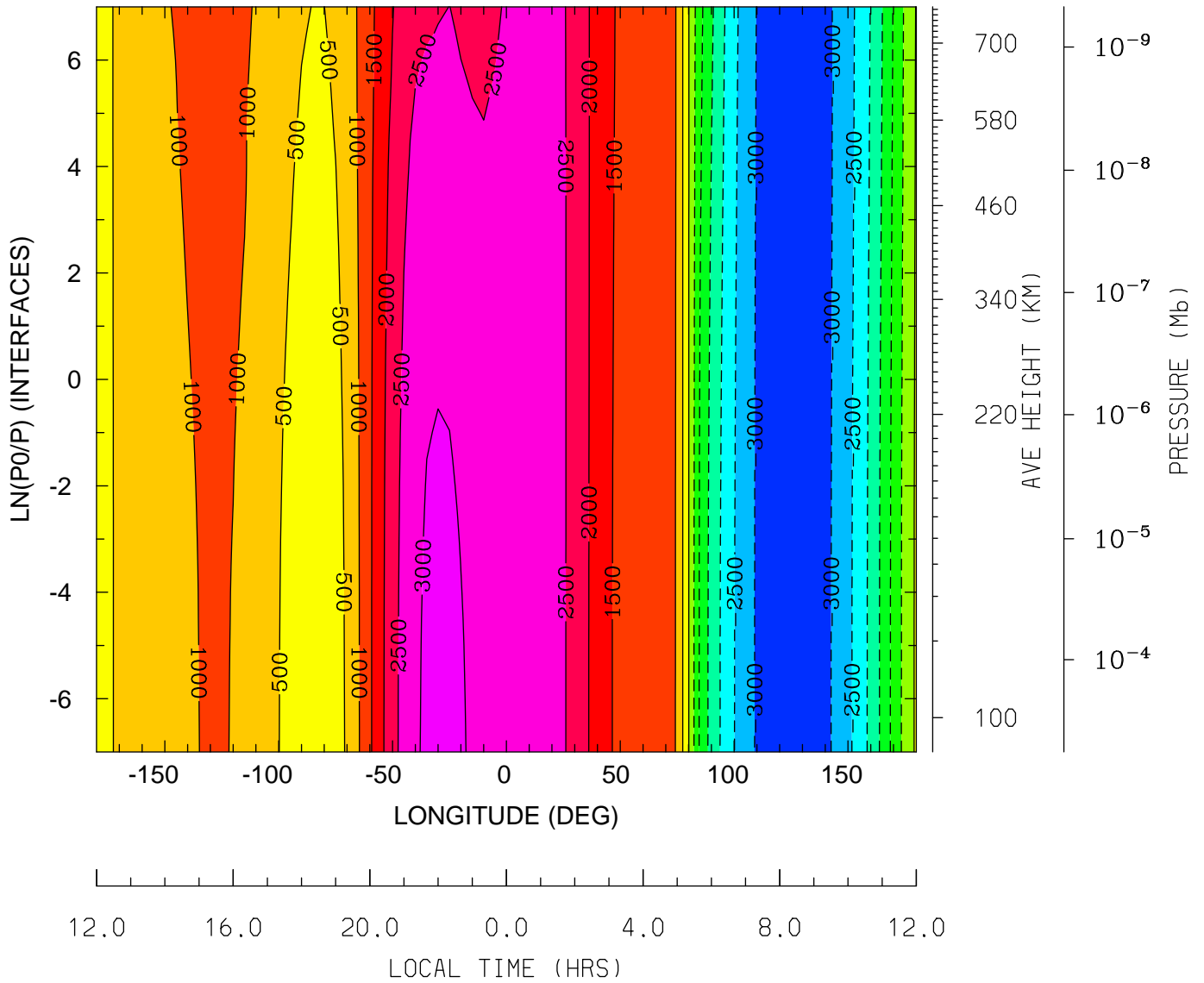


VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
 UT= 0.00 LAT= -62.50 (DEG)



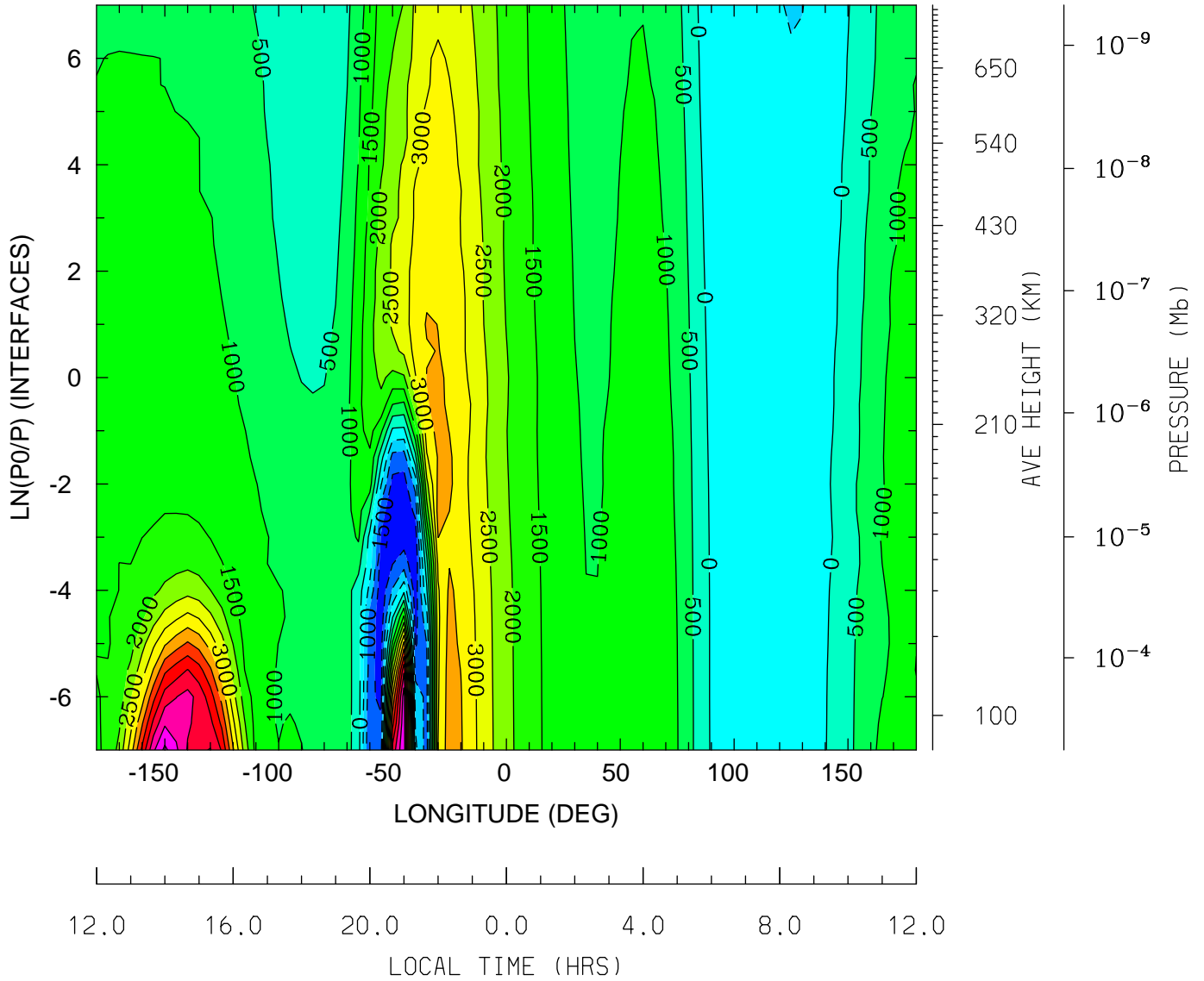
MIN,MAX= -3.3369E+04 2.4437E+04 INTERVAL= 4.0000E+03  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



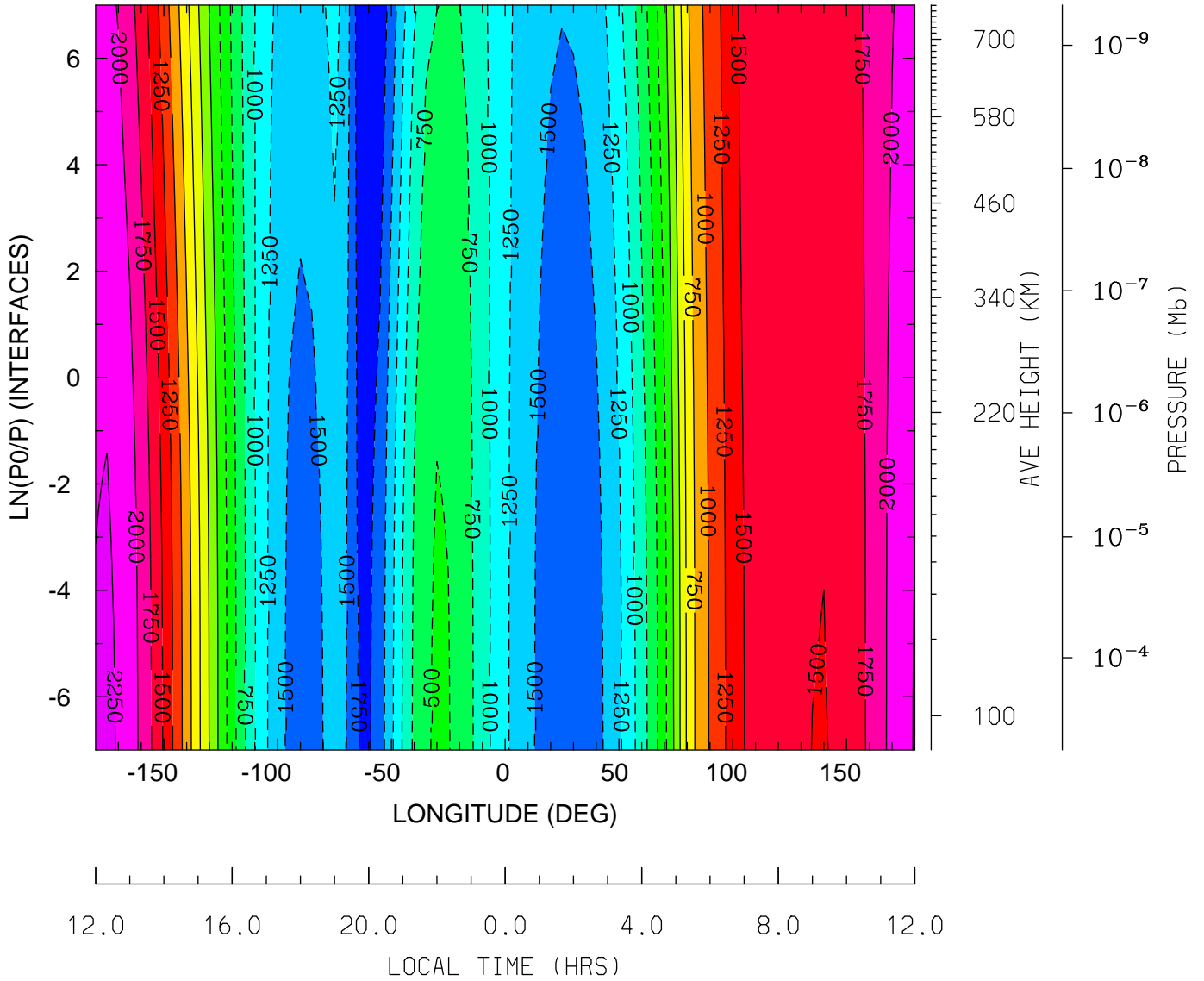
MIN,MAX= -3.4225E+03 3.1386E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



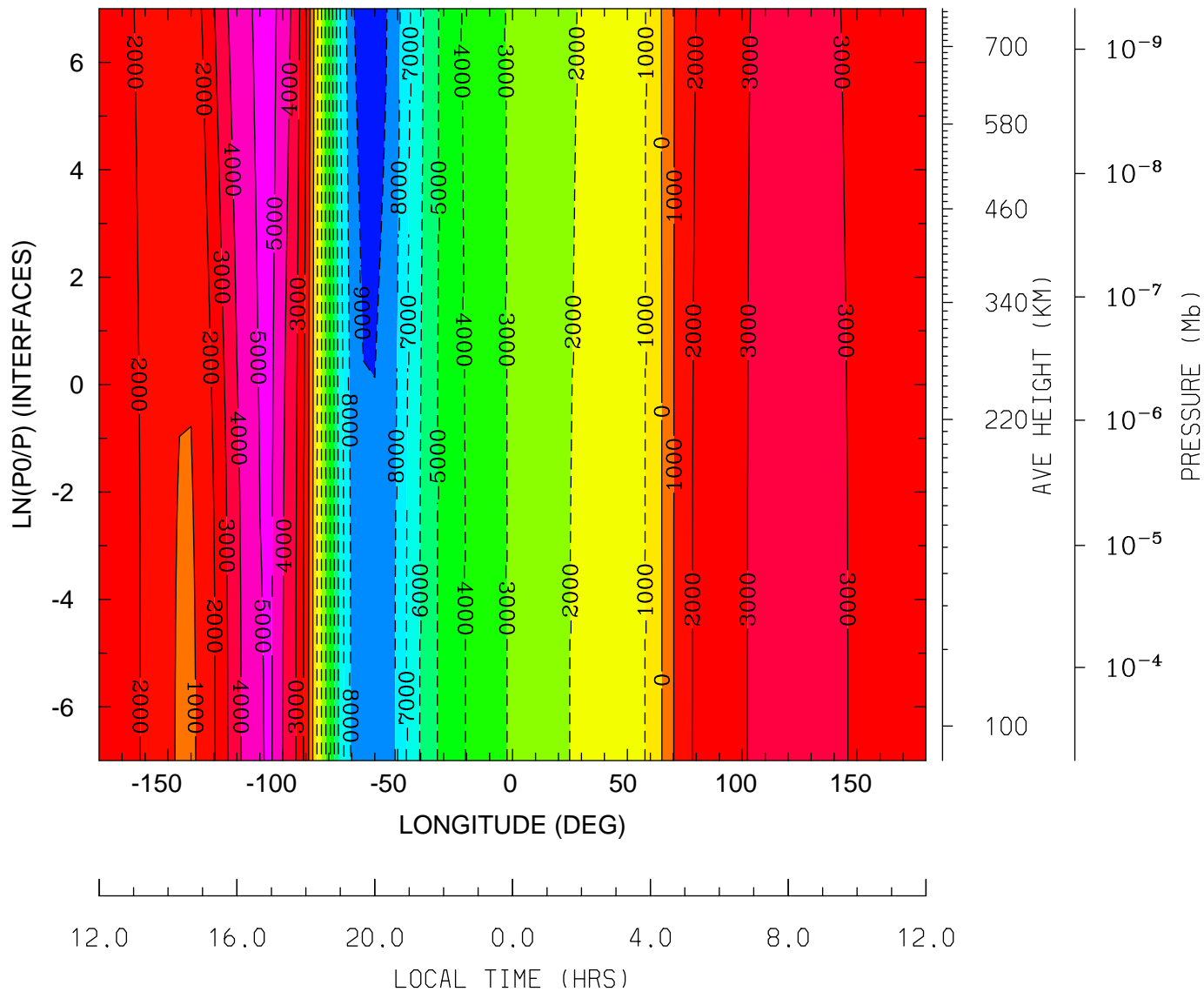
MIN,MAX= -1.9163E+03 6.6249E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



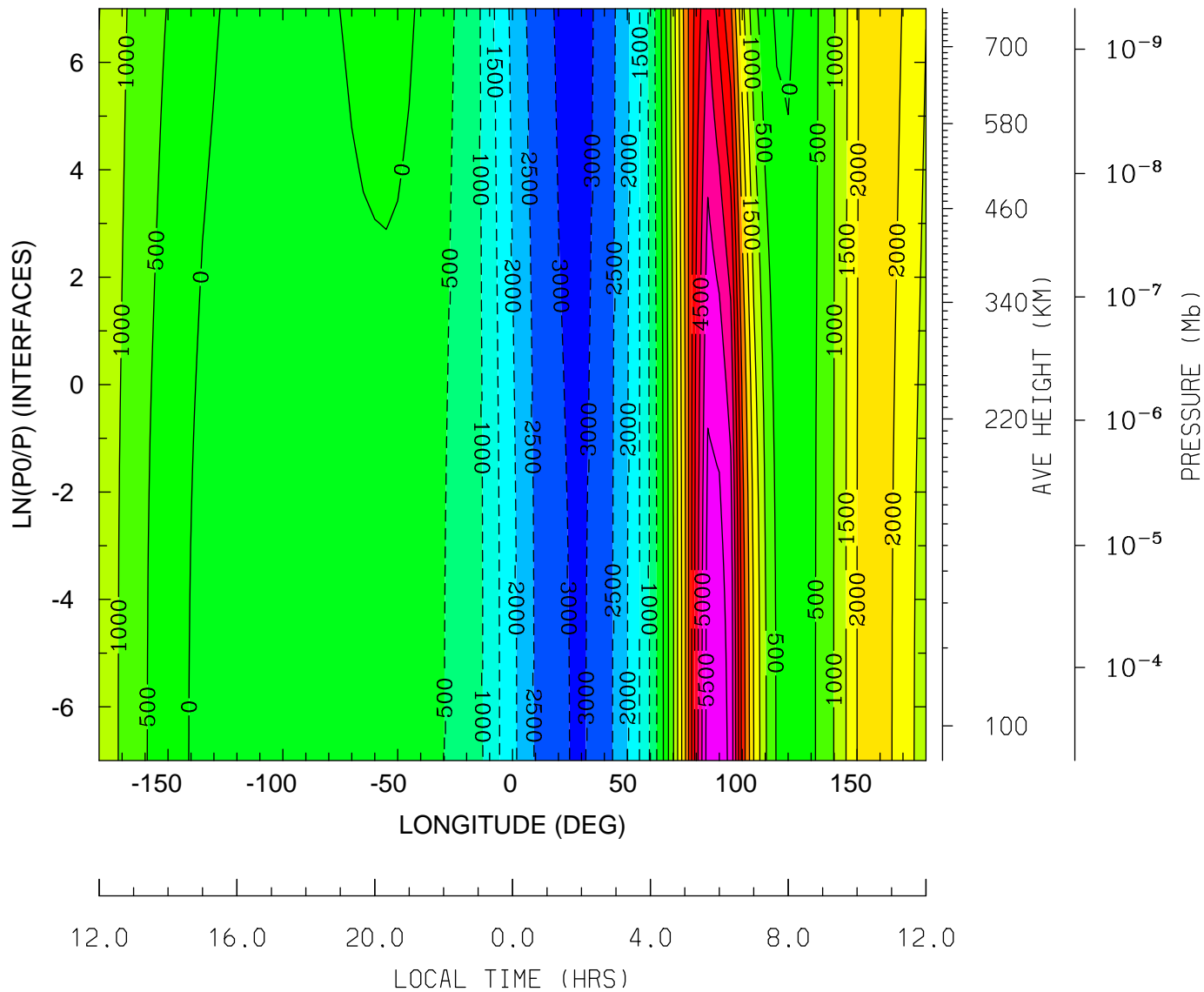
MIN,MAX= -1.9992E+03 2.2826E+03 INTERVAL= 2.5000E+02  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



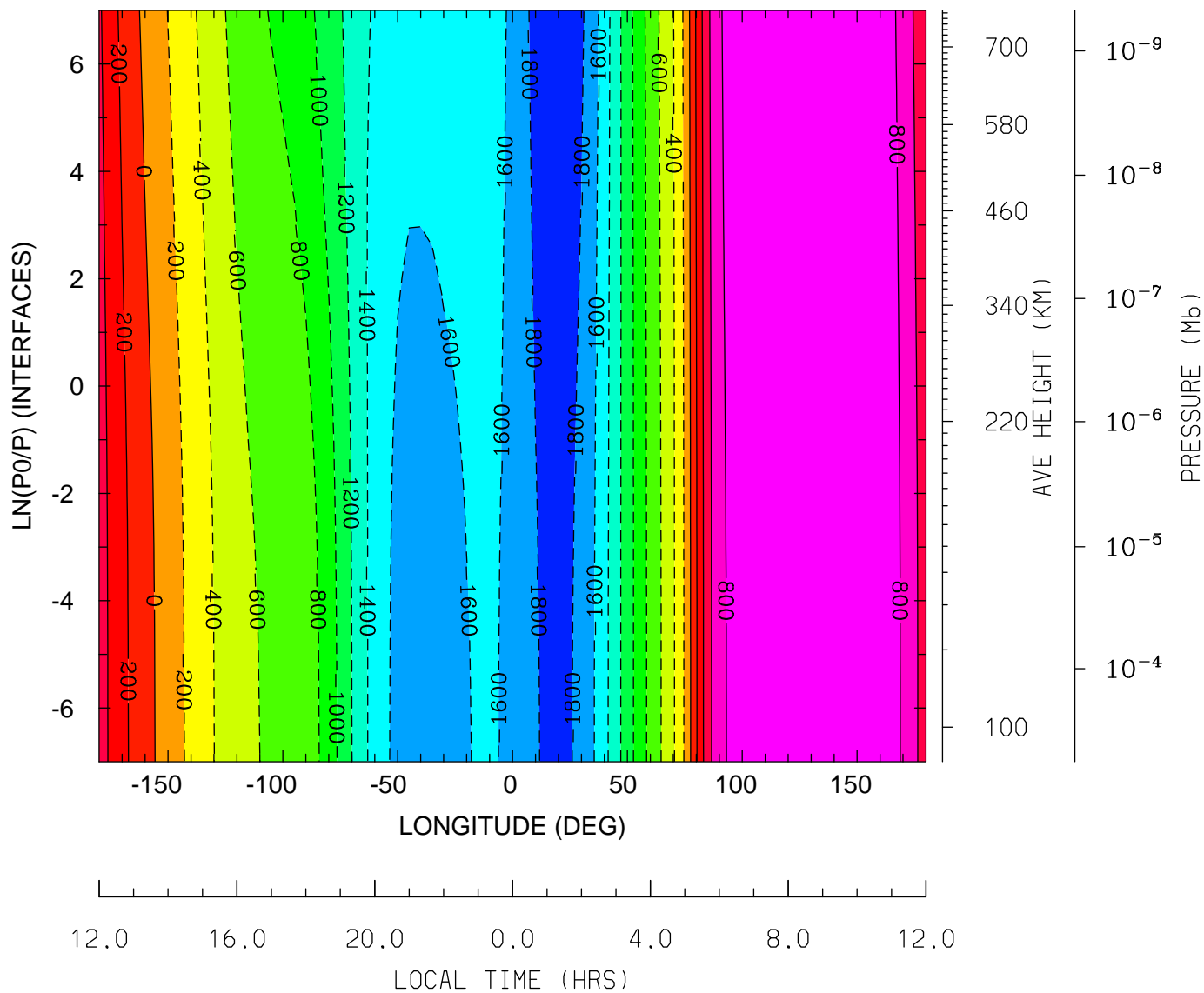
MIN,MAX= -9.5336E+03 5.3826E+03 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



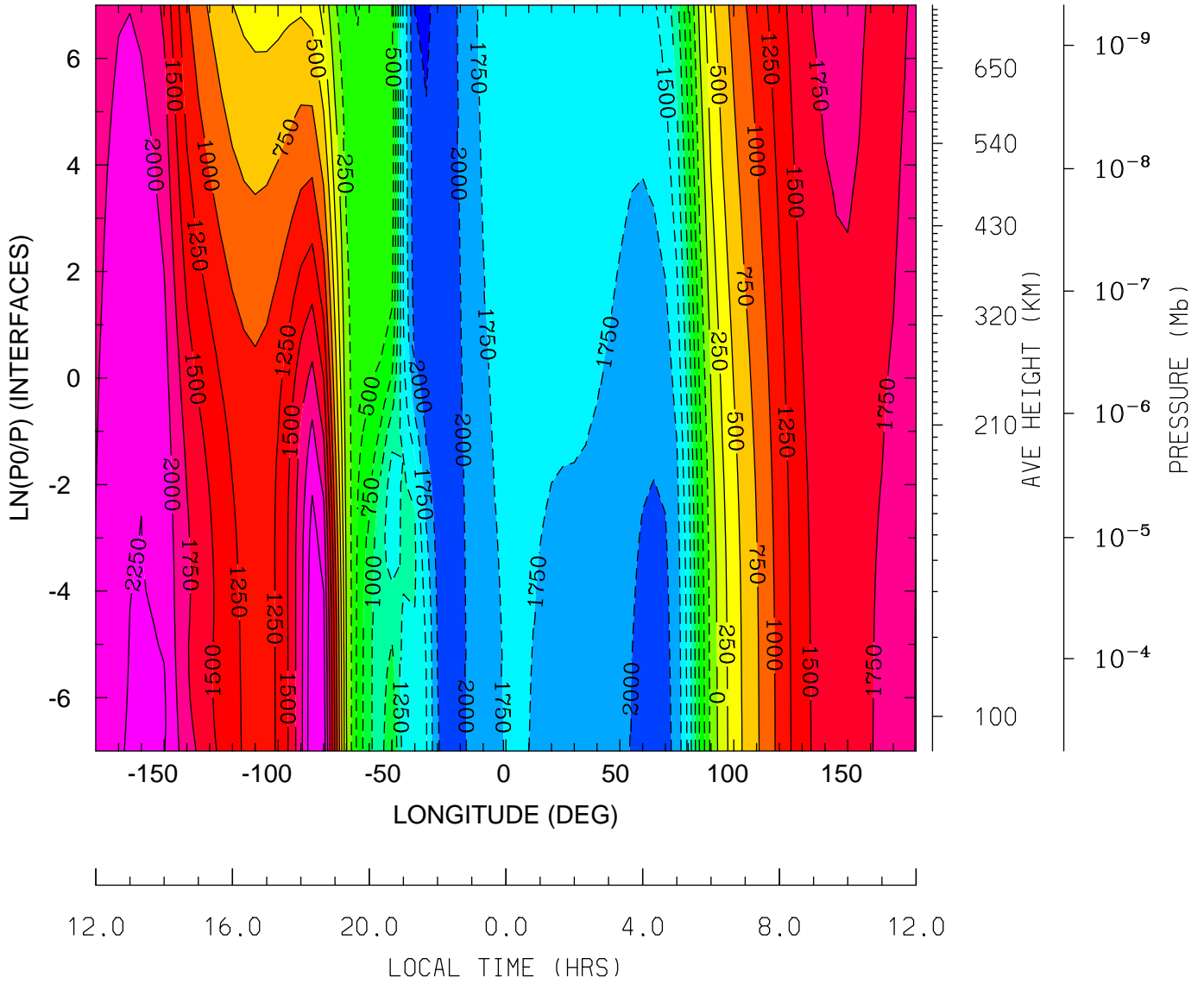
MIN,MAX= -3.1489E+03 5.7865E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= -1.9484E+03 9.8843E+02 INTERVAL= 2.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

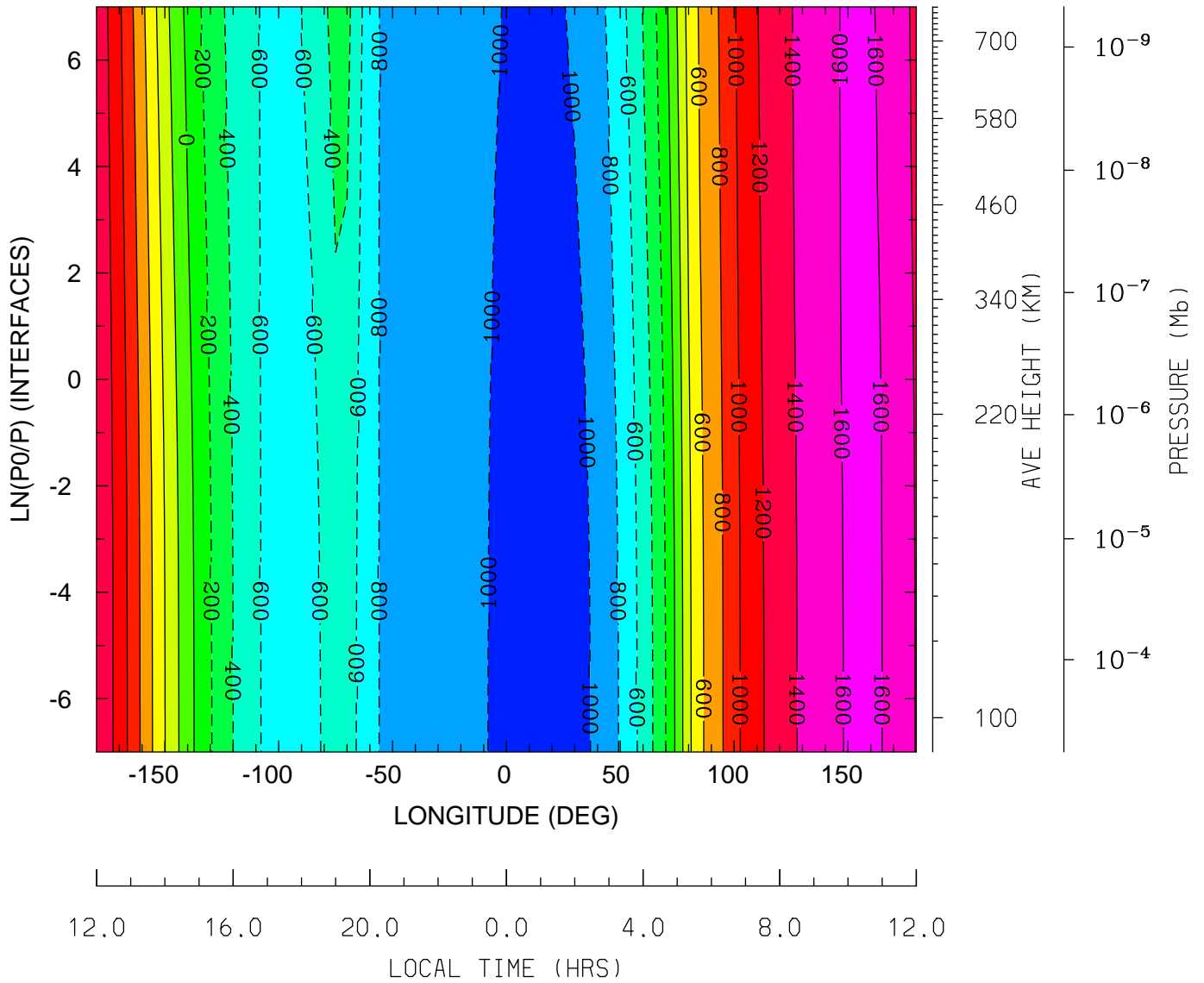
WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 UT= 0.00 LAT= -2.50 (DEG)



MIN,MAX= -2.2714E+03 2.4595E+03 INTERVAL= 2.5000E+02  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

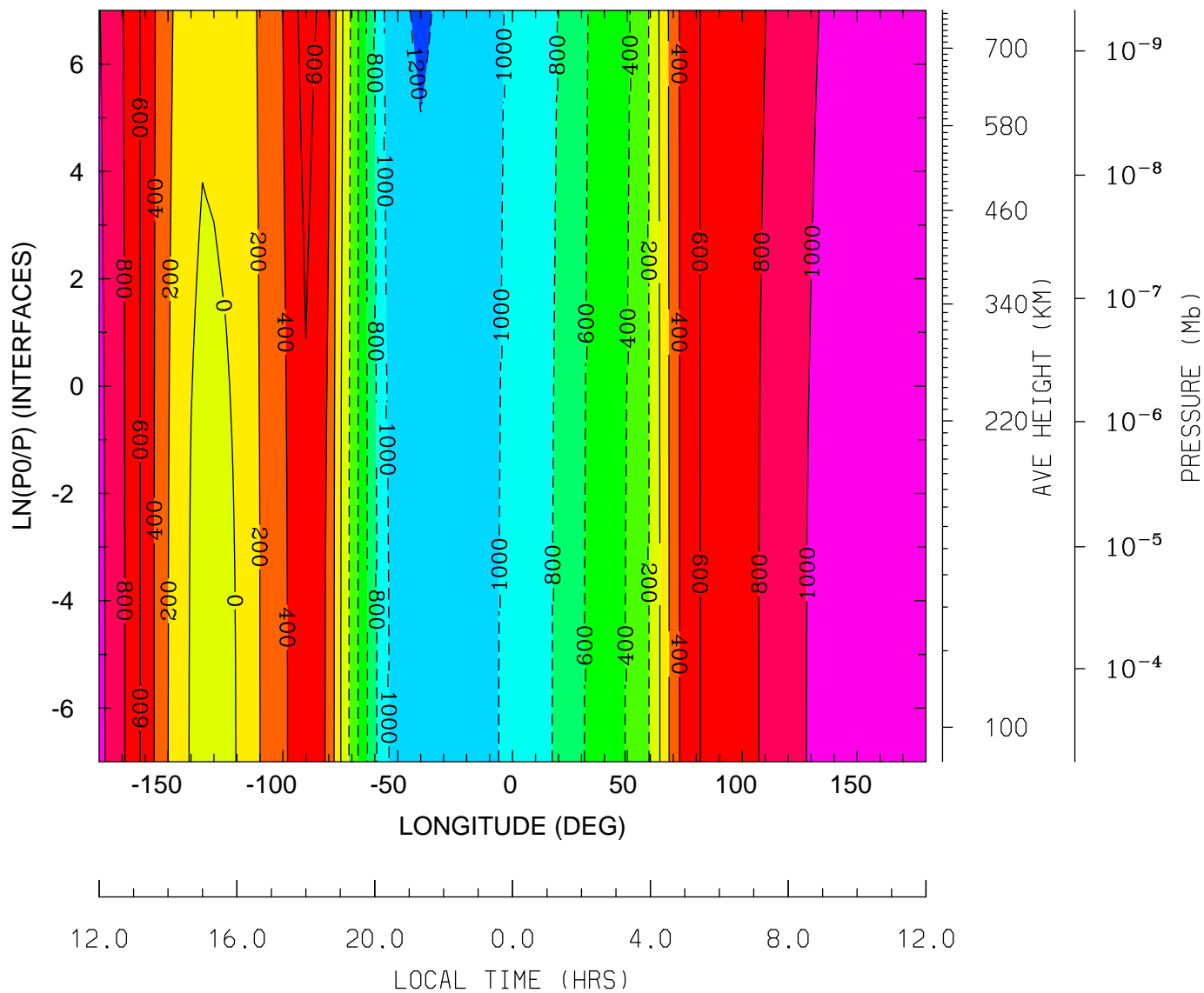


WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= 37.50 (DEG)



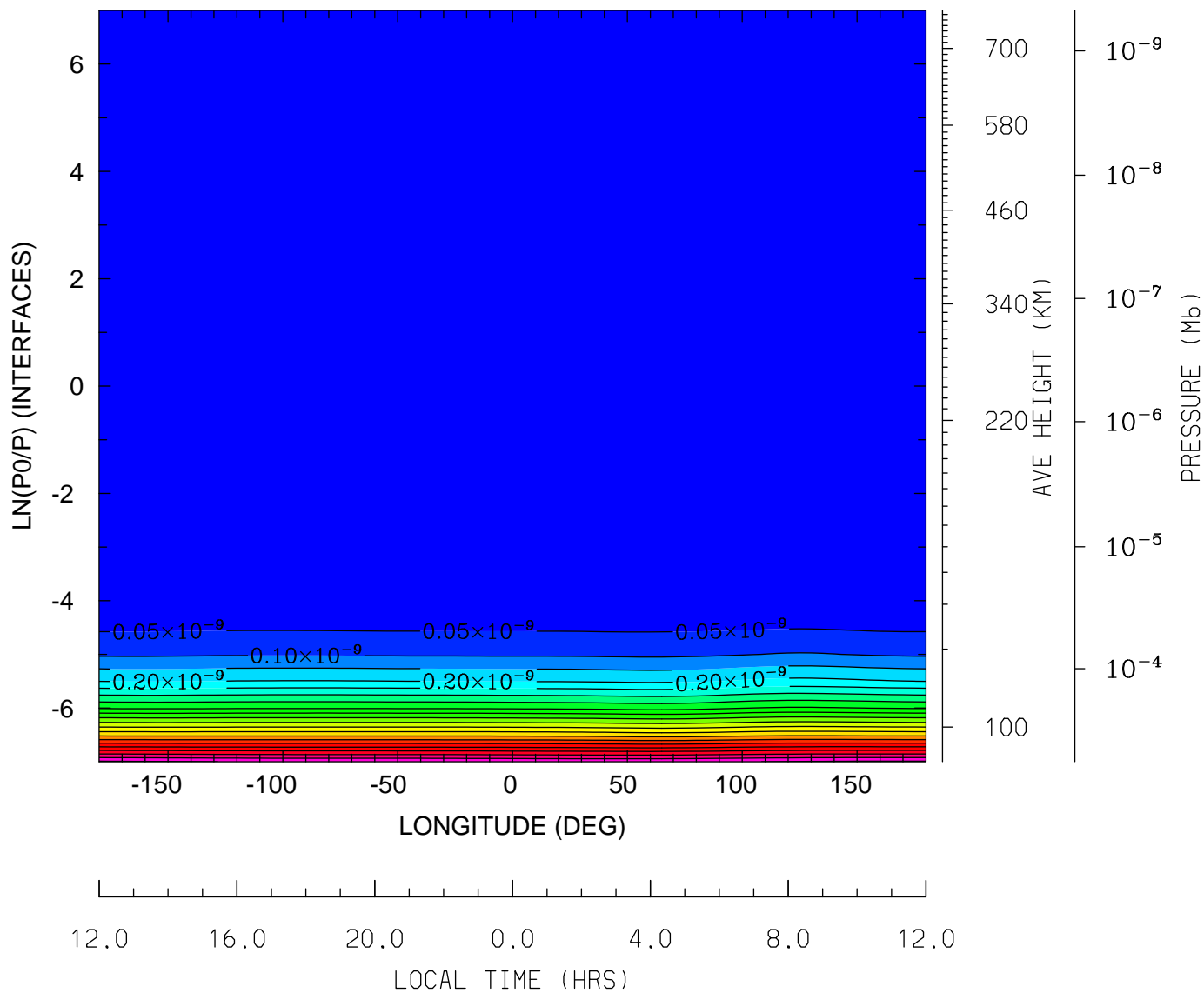
MIN,MAX= -1.0944E+03 1.6308E+03 INTERVAL= 2.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



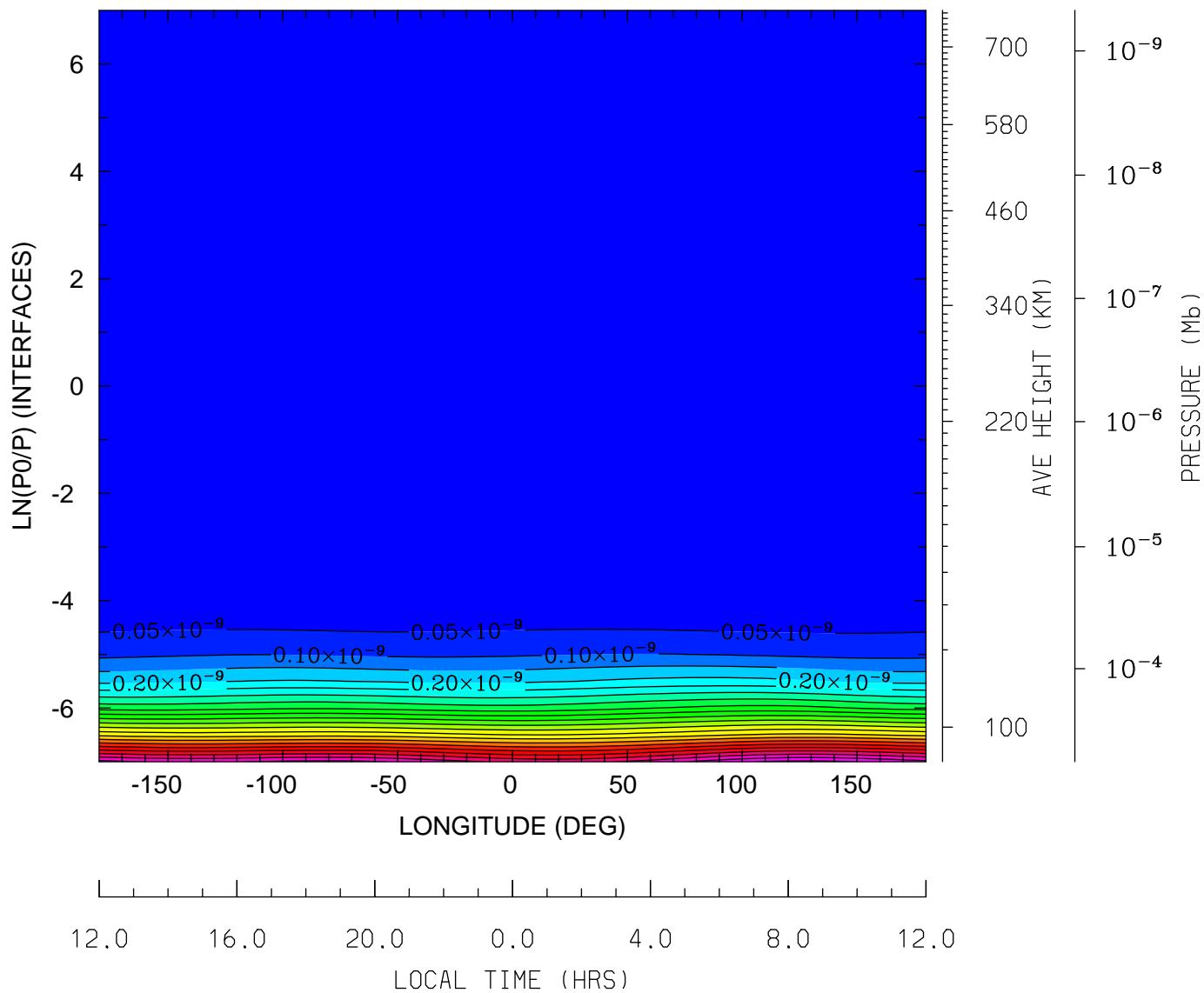
MIN,MAX= -1.2185E+03 1.1862E+03 INTERVAL= 2.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



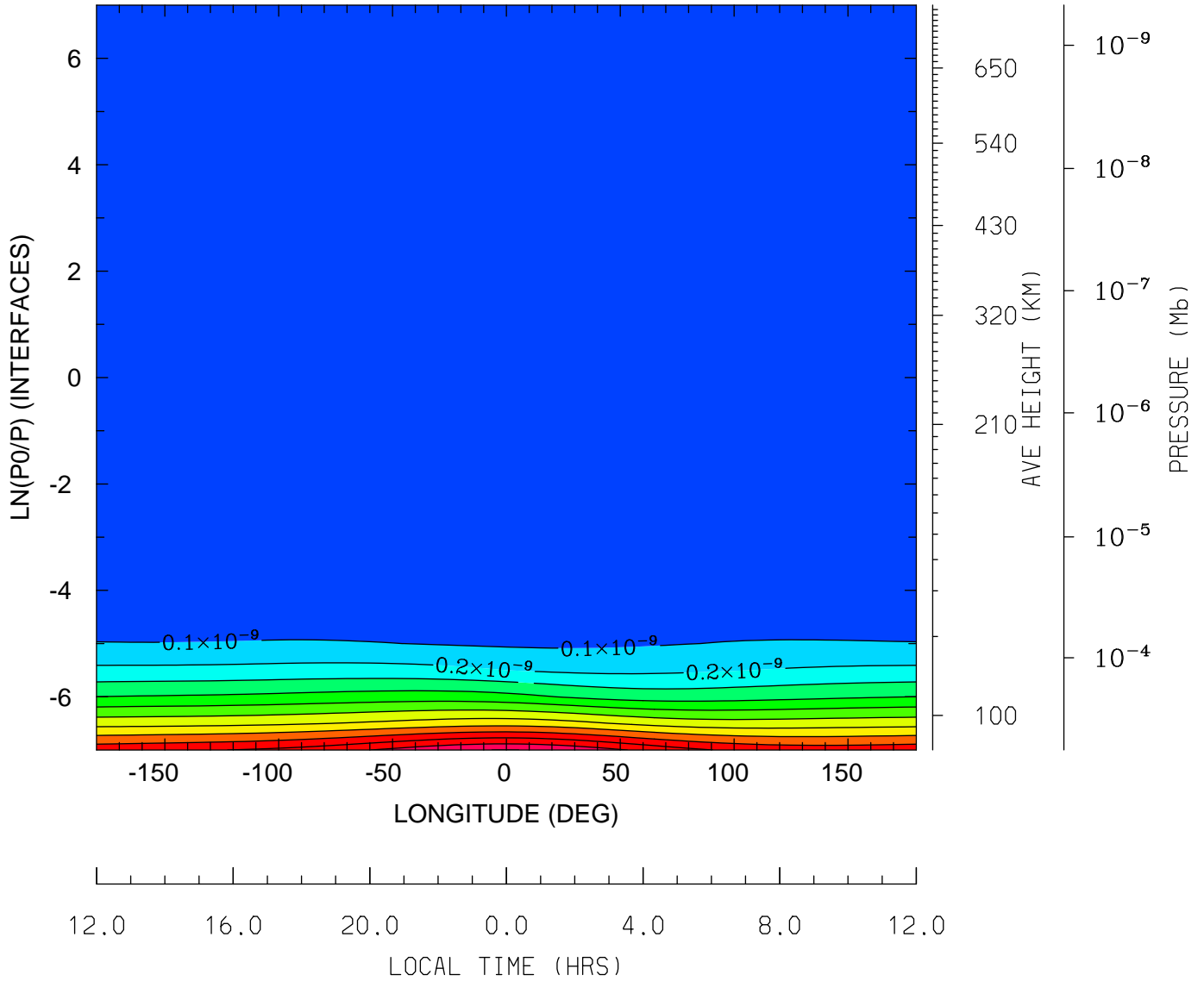
MIN,MAX= 7.5204E-17 1.0575E-09 INTERVAL= 5.0000E-11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



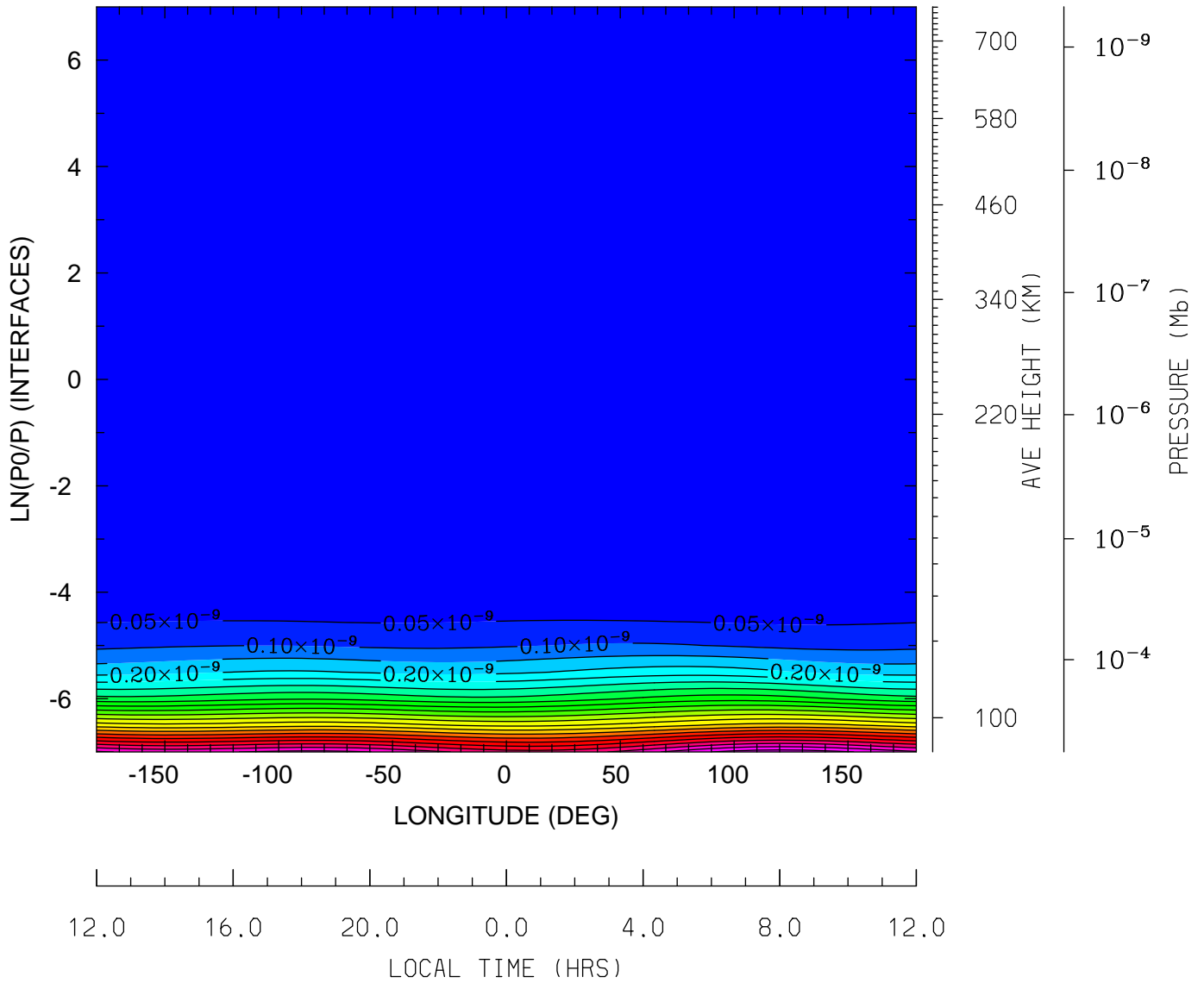
MIN,MAX= 7.1534E-17 1.1115E-09 INTERVAL= 5.0000E-11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



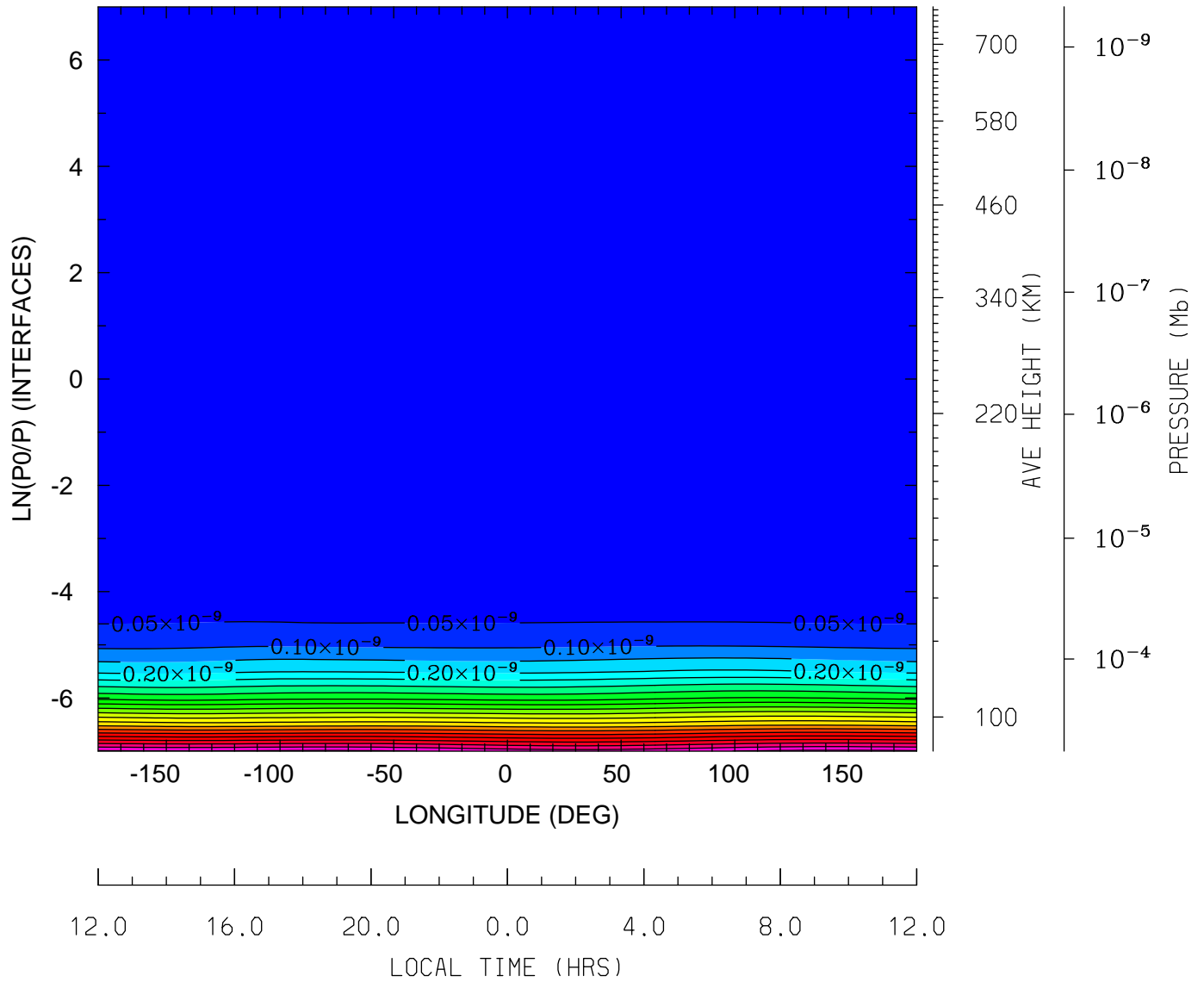
MIN,MAX= 7.0311E-17 1.2016E-09 INTERVAL= 1.0000E-10  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



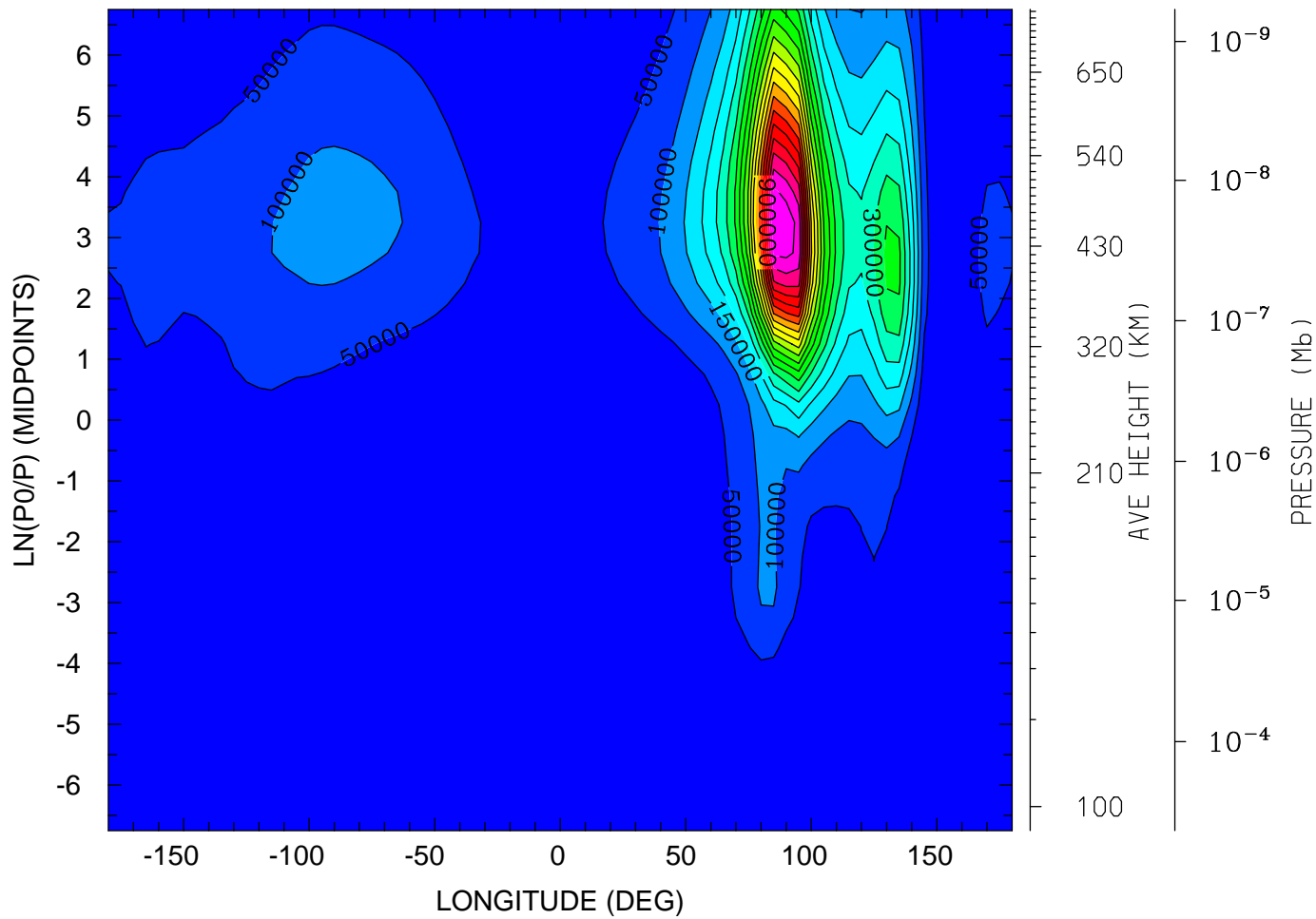
MIN,MAX= 7.5100E-17 1.1302E-09 INTERVAL= 5.0000E-11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 7.8334E-17 1.0634E-09 INTERVAL= 5.0000E-11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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

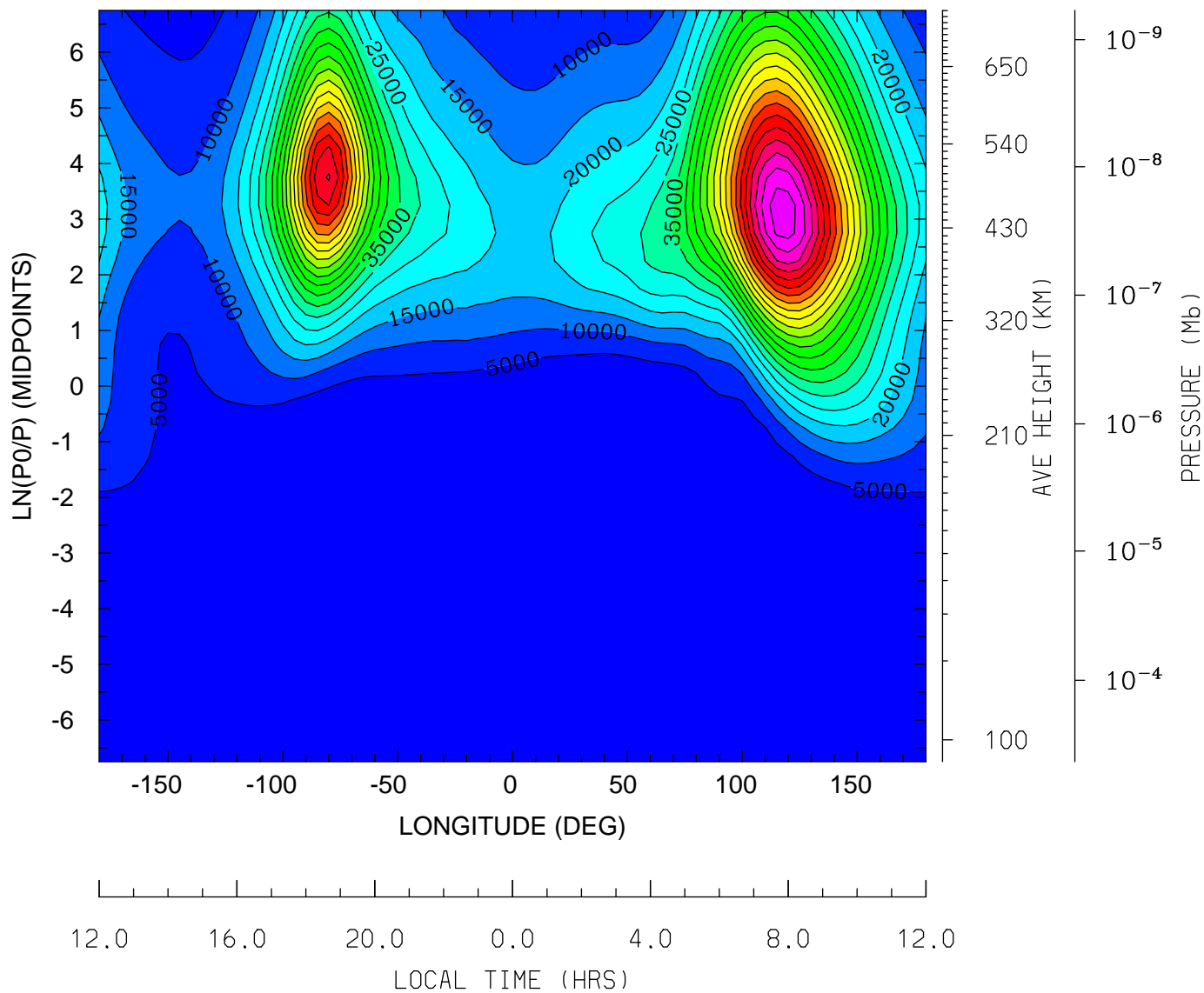


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 2.0814E-02 1.0454E+06 INTERVAL= 5.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

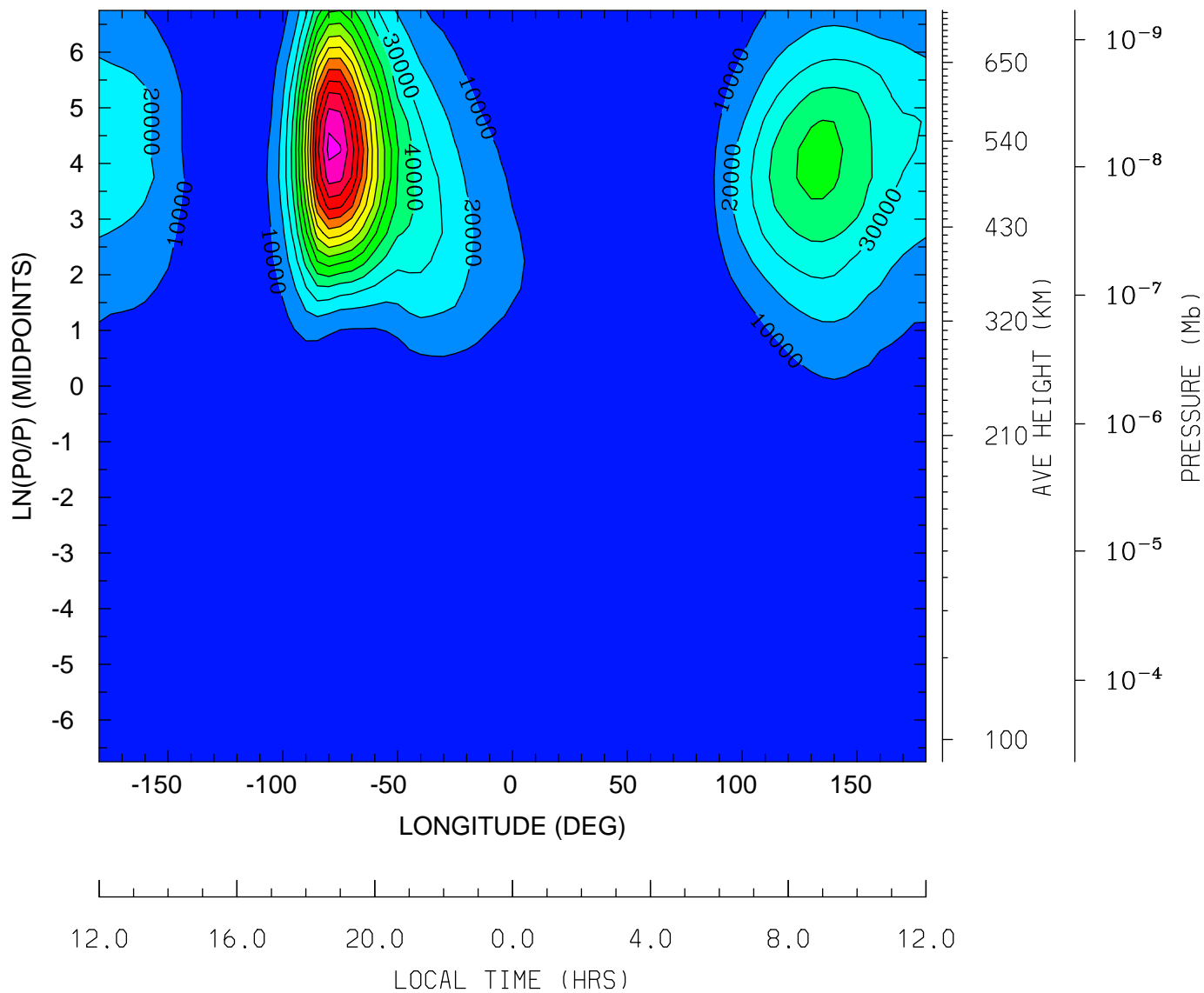


QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= -42.50 (DEG)



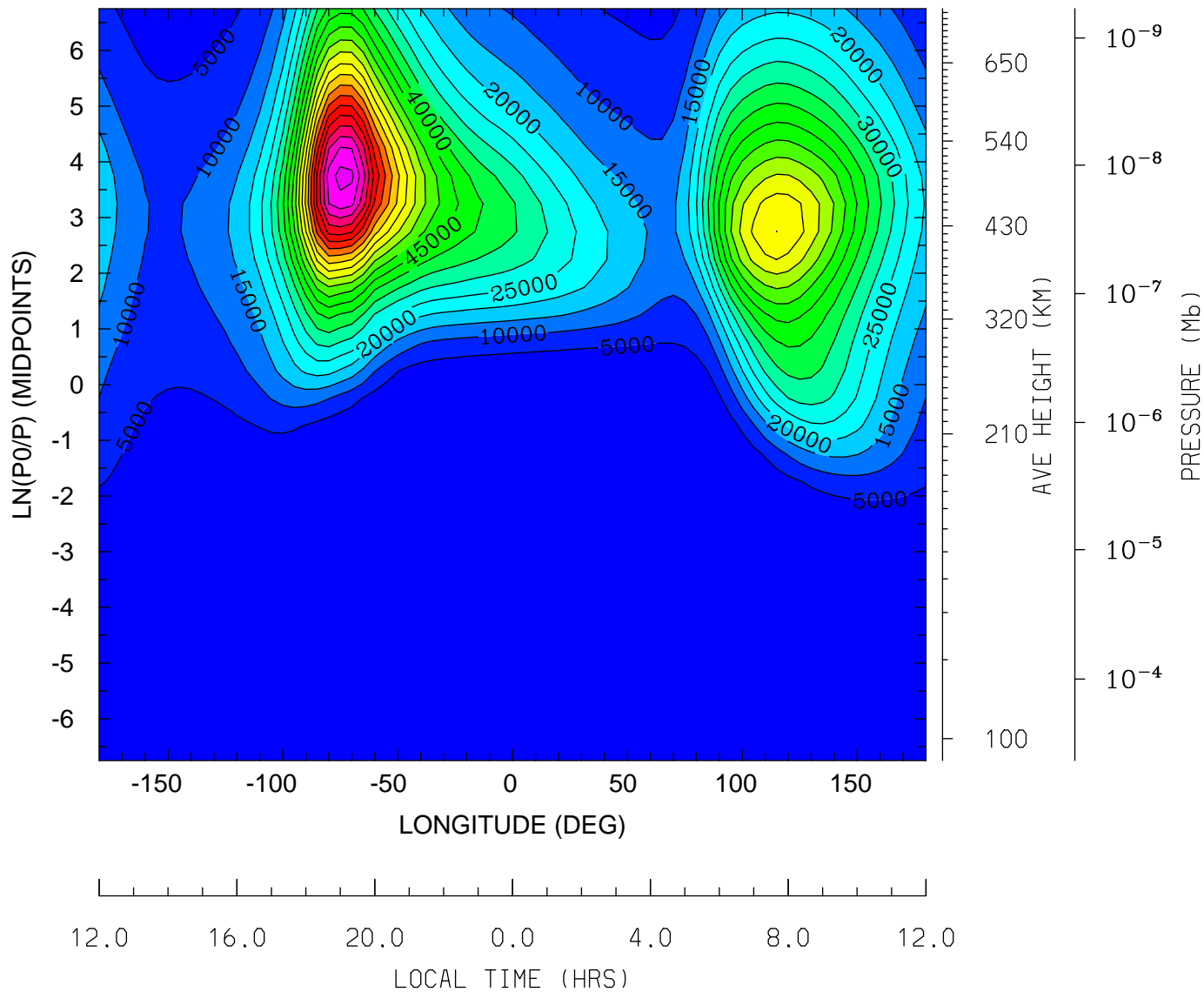
MIN,MAX= 9.1692E-04 1.1314E+05 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



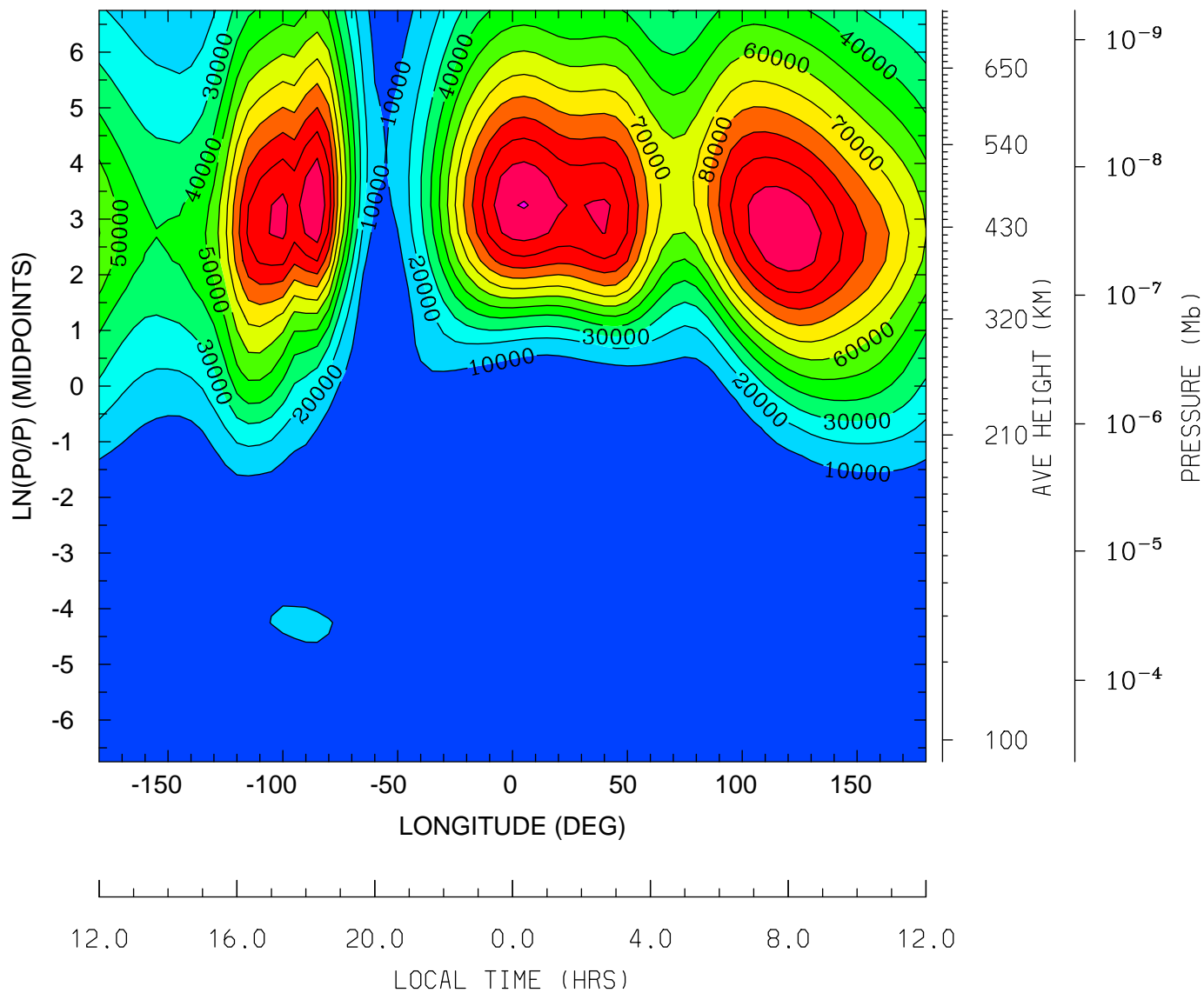
MIN,MAX= 4.1974E-03 1.5318E+05 INTERVAL= 1.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



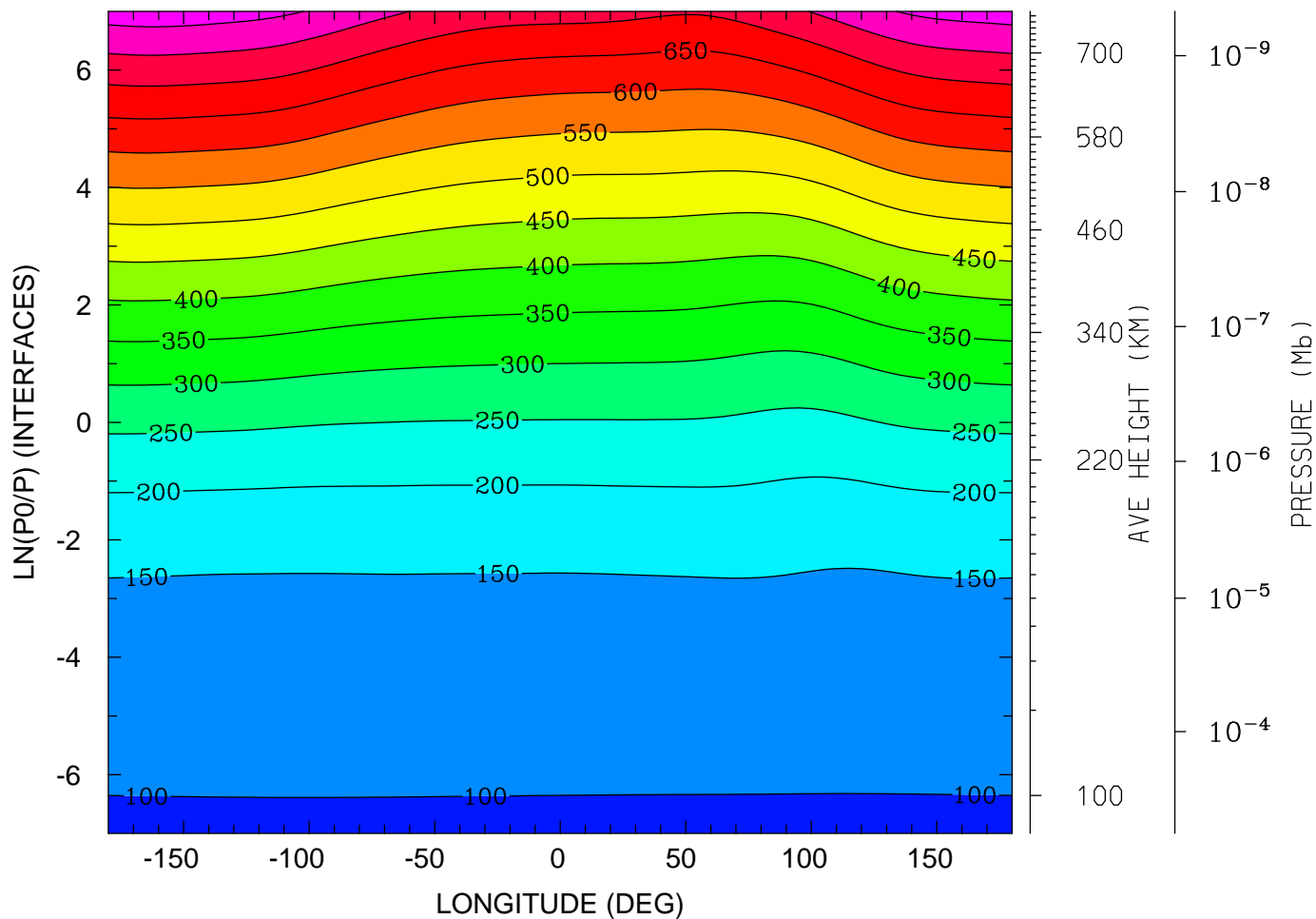
MIN,MAX= 3.0516E-03 1.1225E+05 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



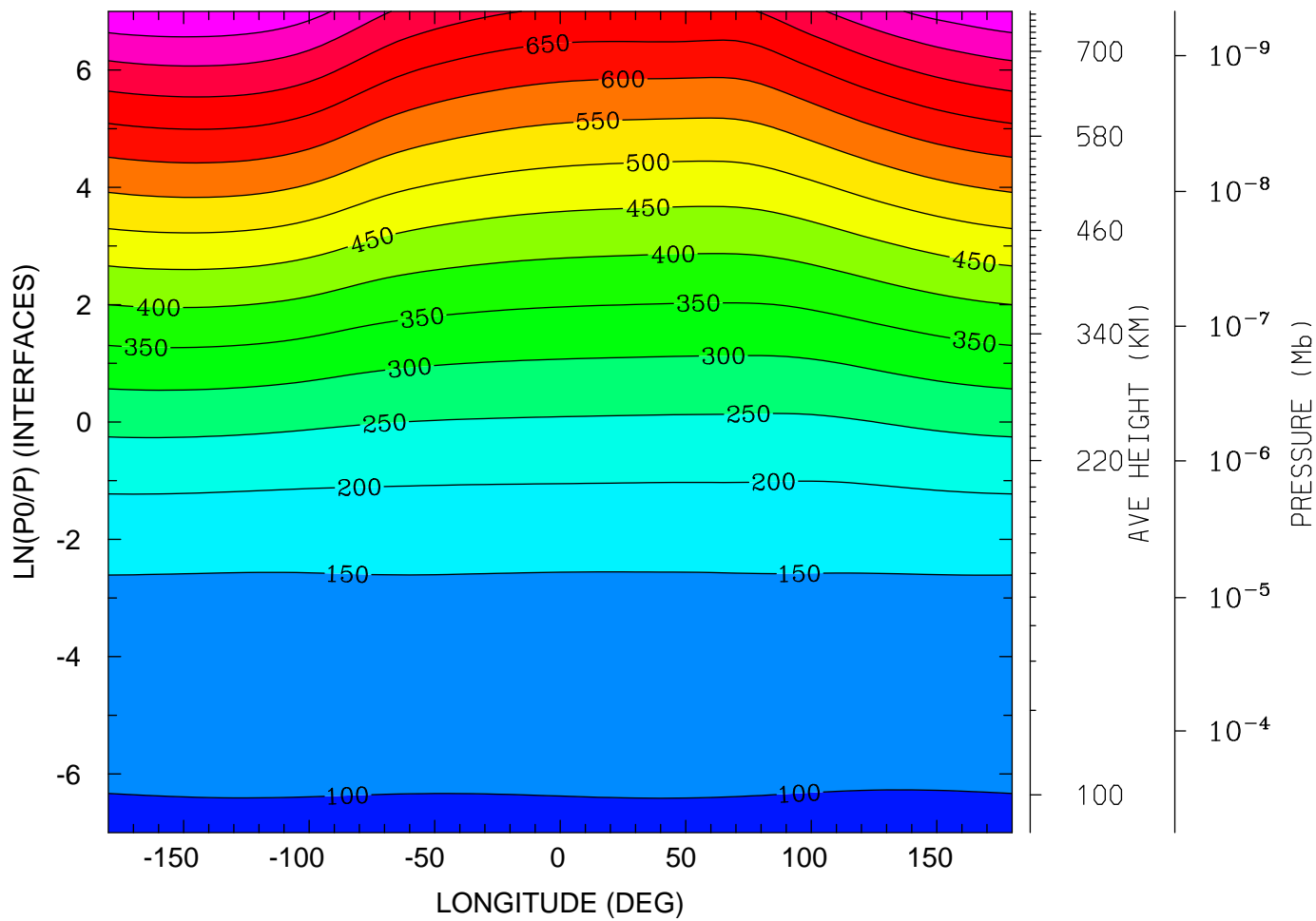
MIN,MAX= 1.4803E-03 1.2065E+05 INTERVAL= 1.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



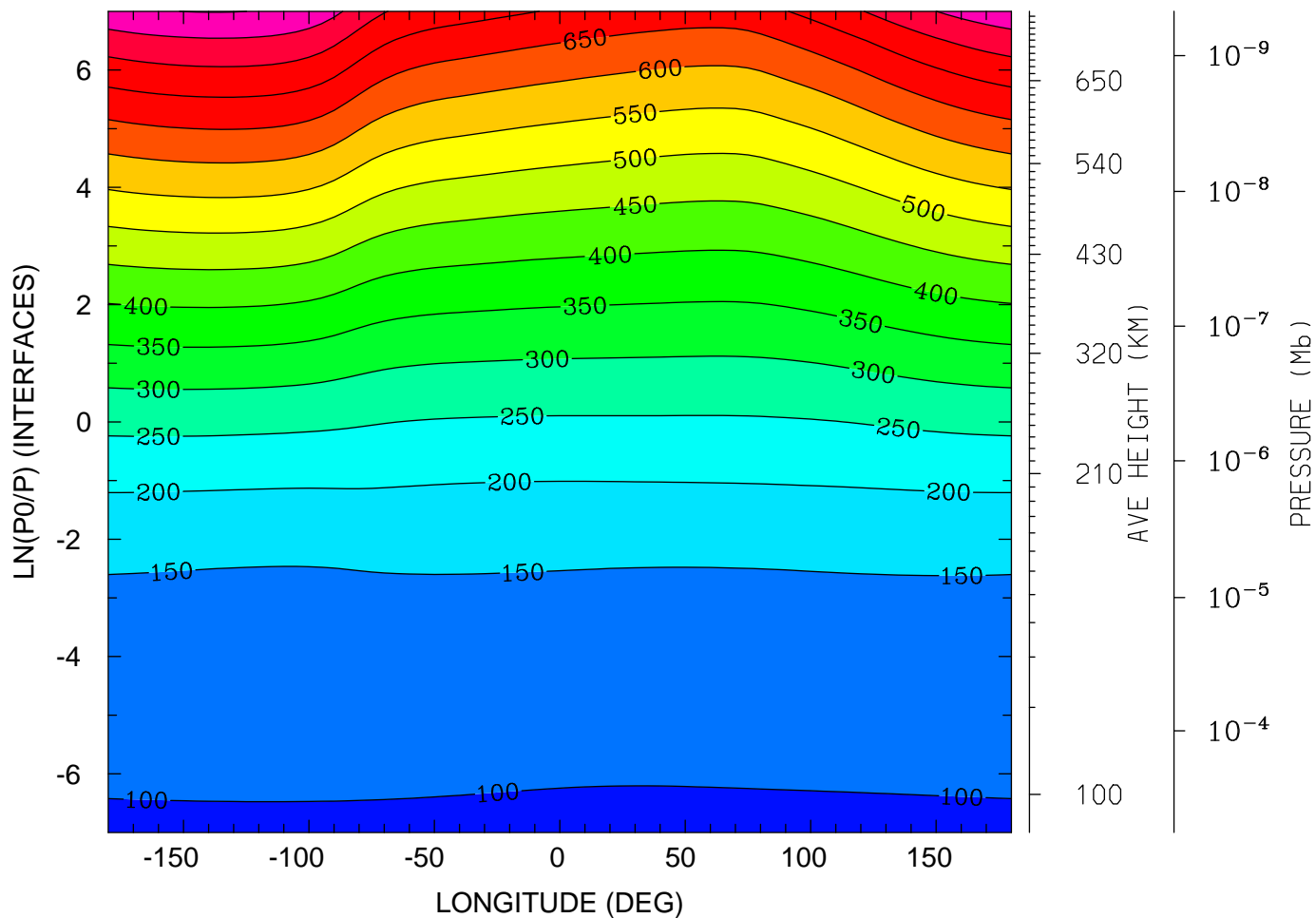
MIN,MAX= 9.6193E+01 8.2844E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



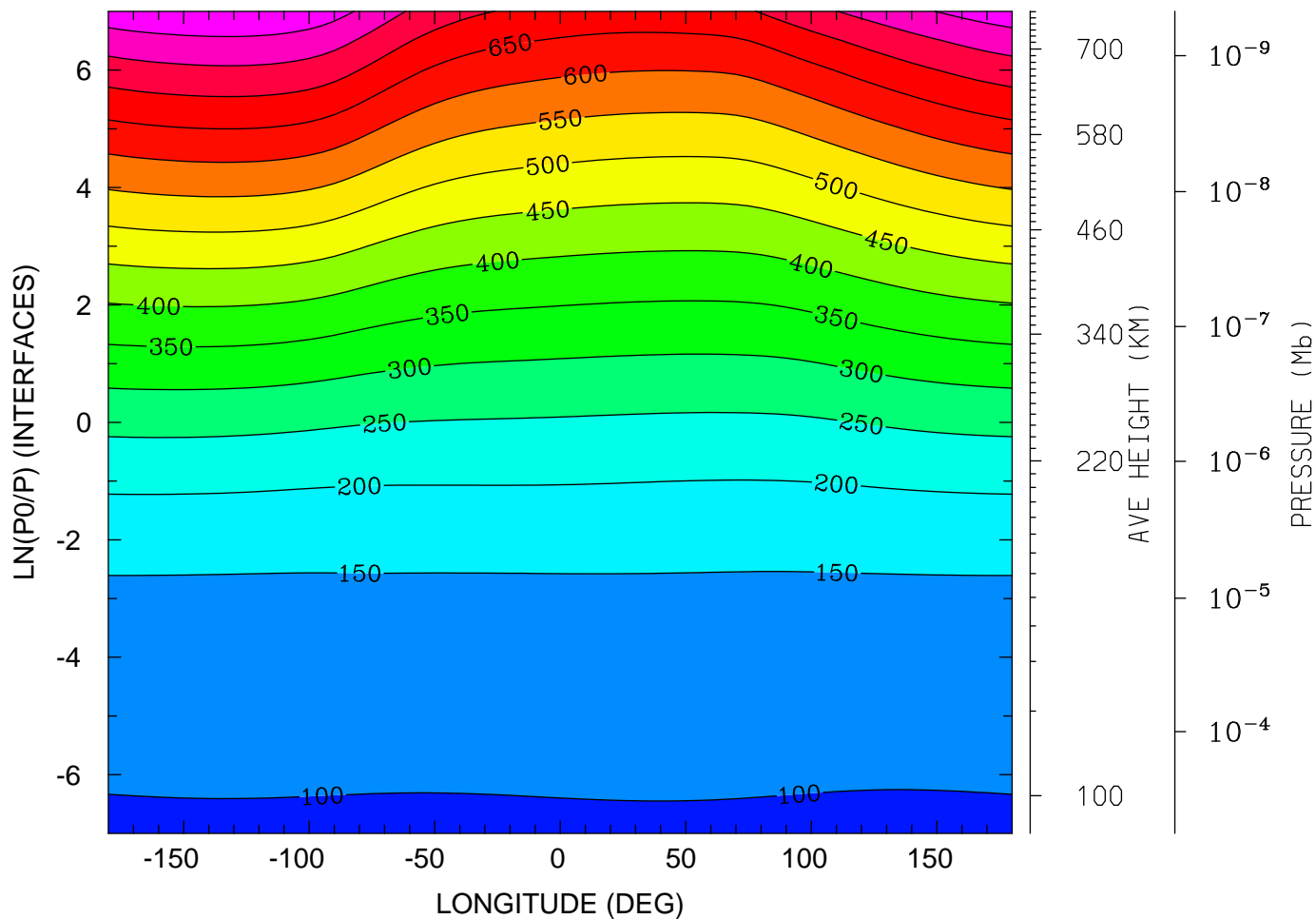
MIN,MAX= 9.6058E+01 8.4745E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 9.5680E+01 8.5171E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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

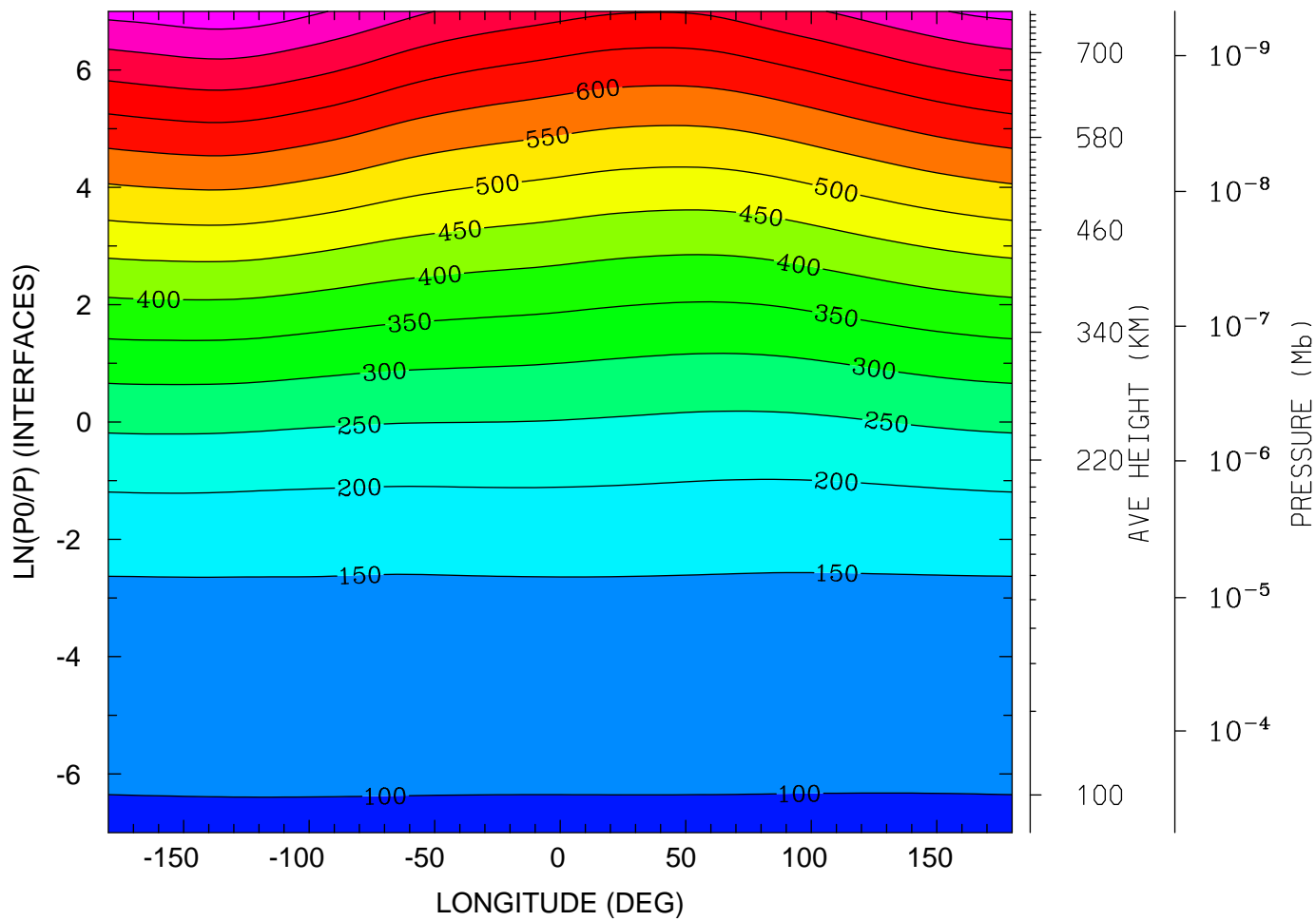


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 9.6013E+01 8.4618E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

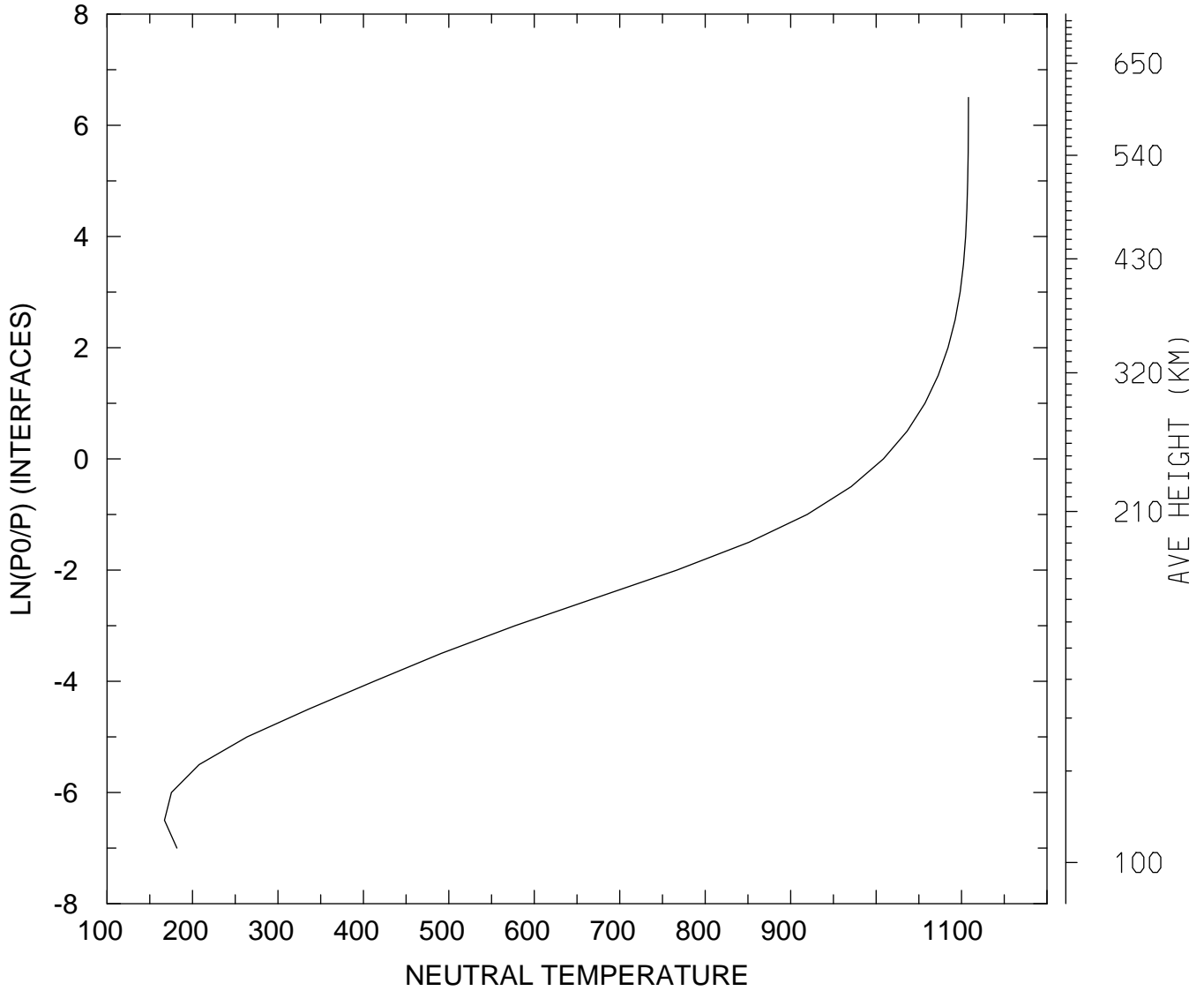


GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 57.50 (DEG)



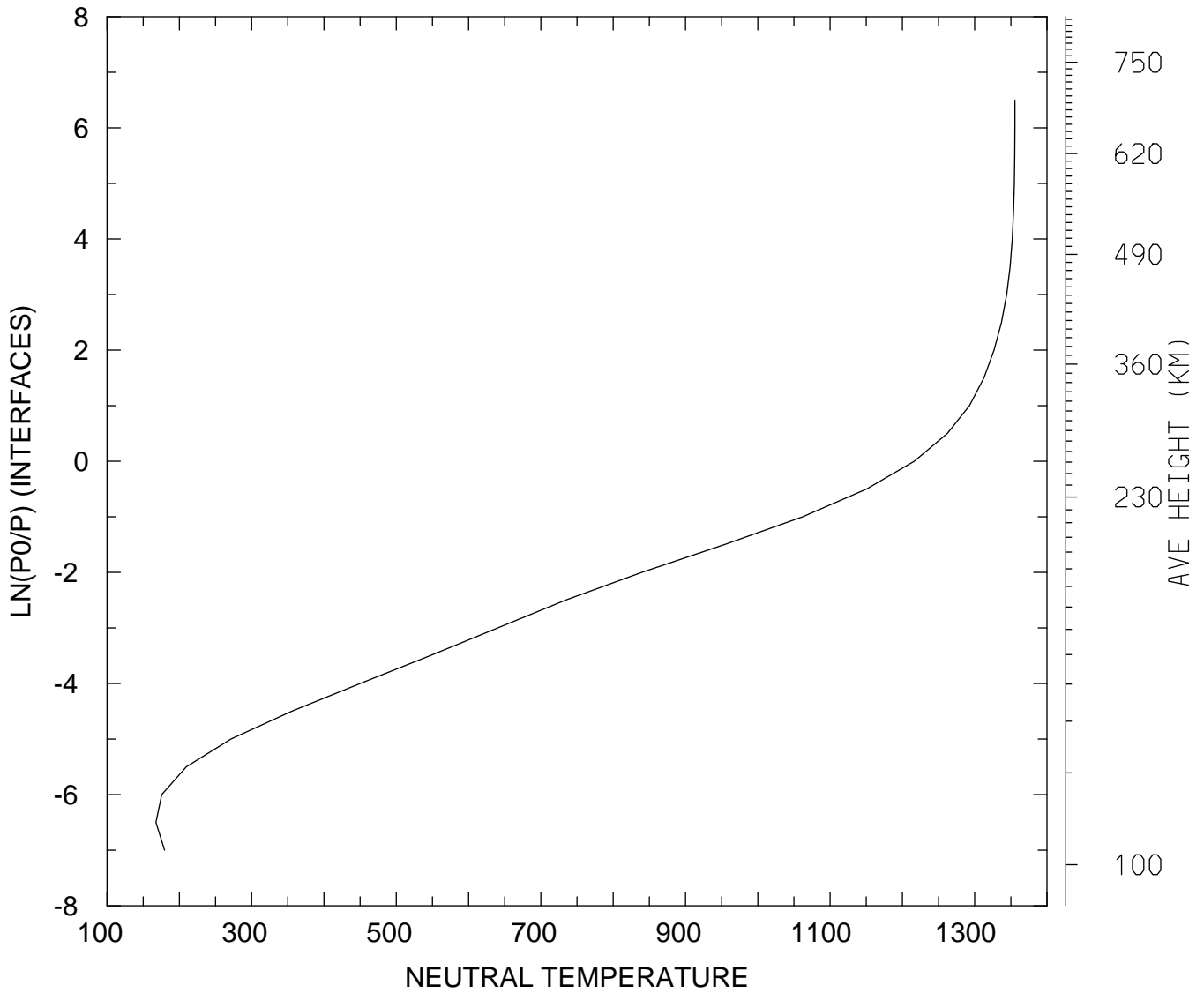
MIN,MAX= 9.6238E+01 8.3085E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



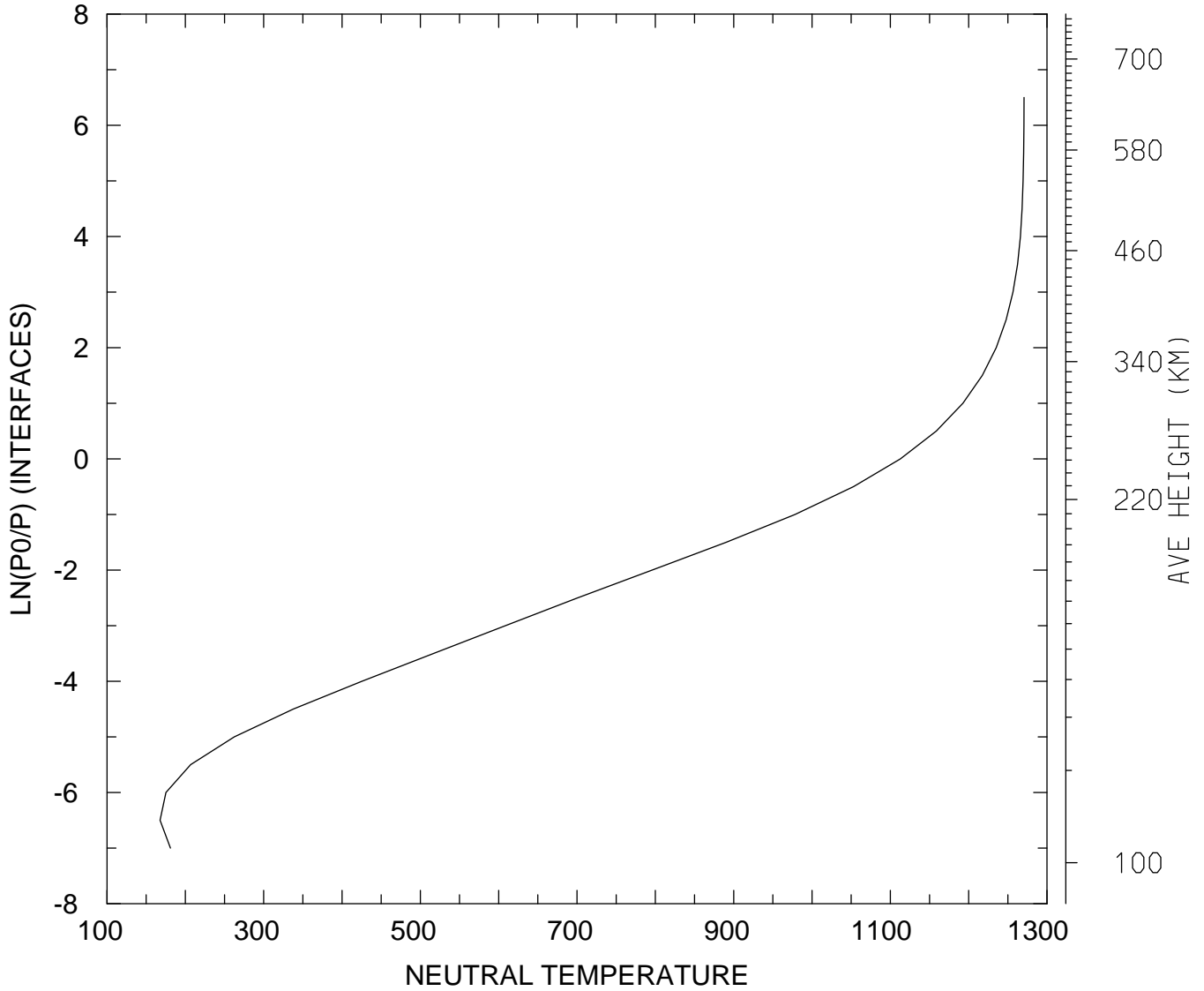
MIN,MAX= 1.6722E+02 1.1081E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



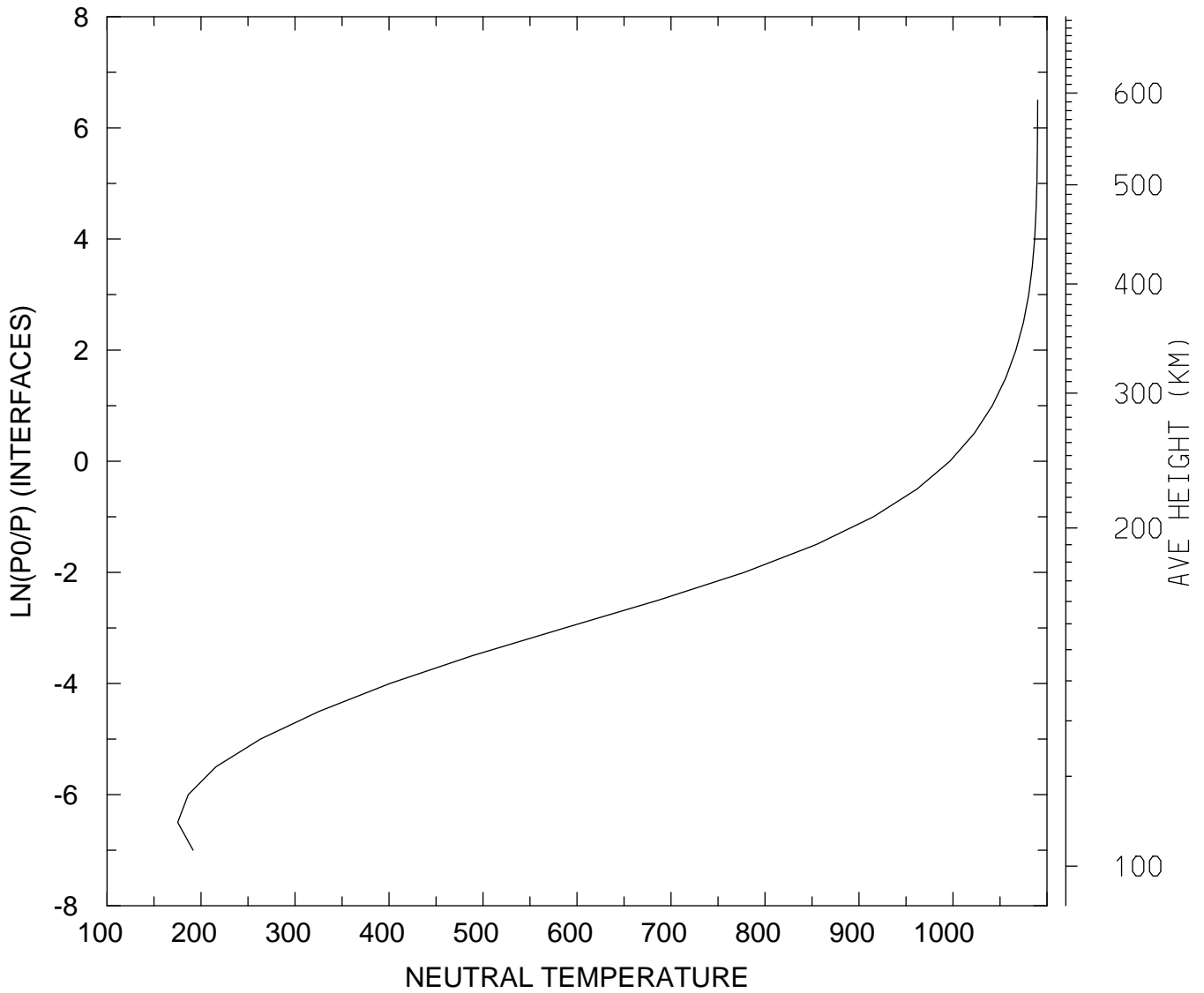
MIN,MAX= 1.6769E+02 1.3557E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



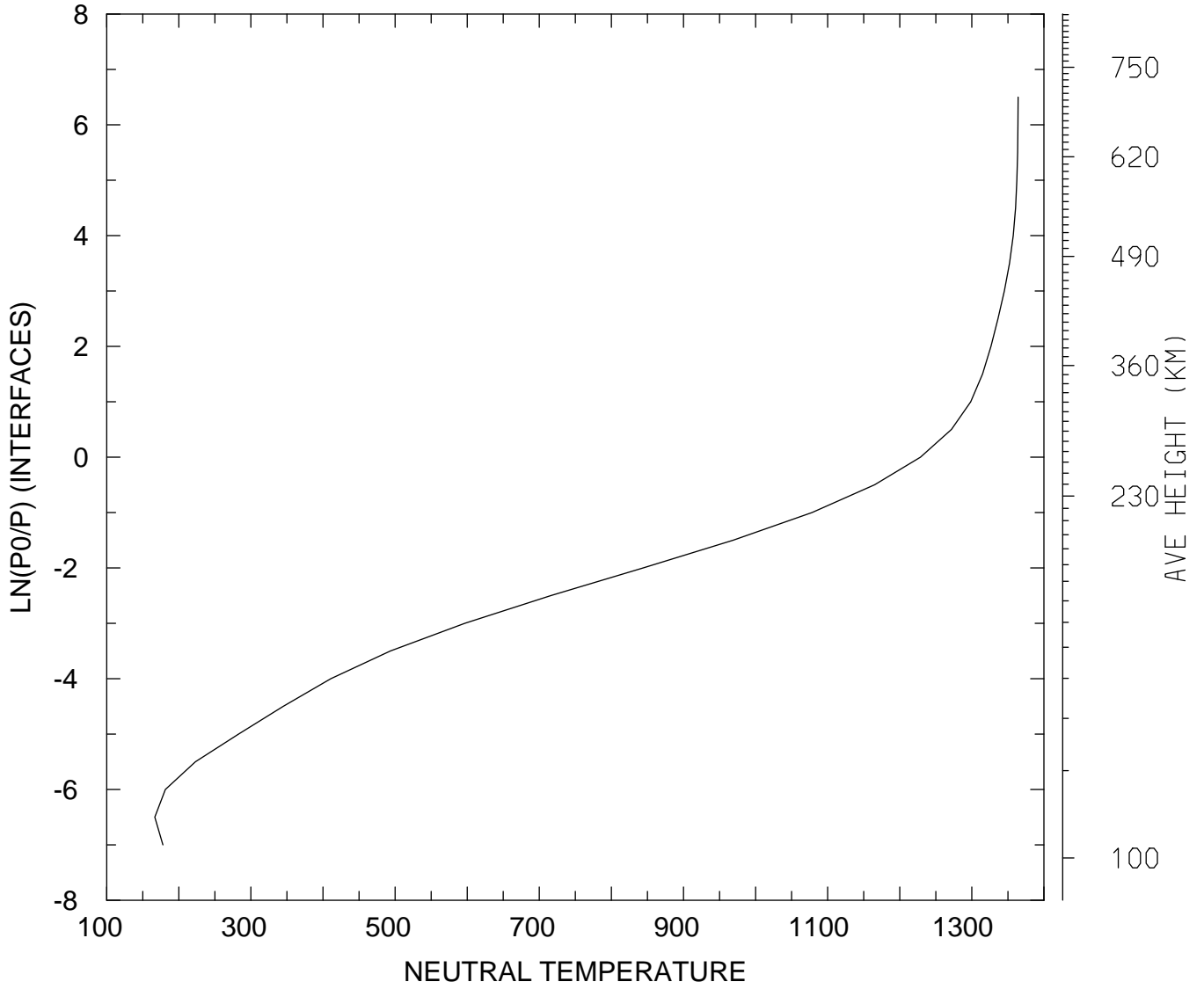
MIN,MAX= 1.6768E+02 1.2707E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



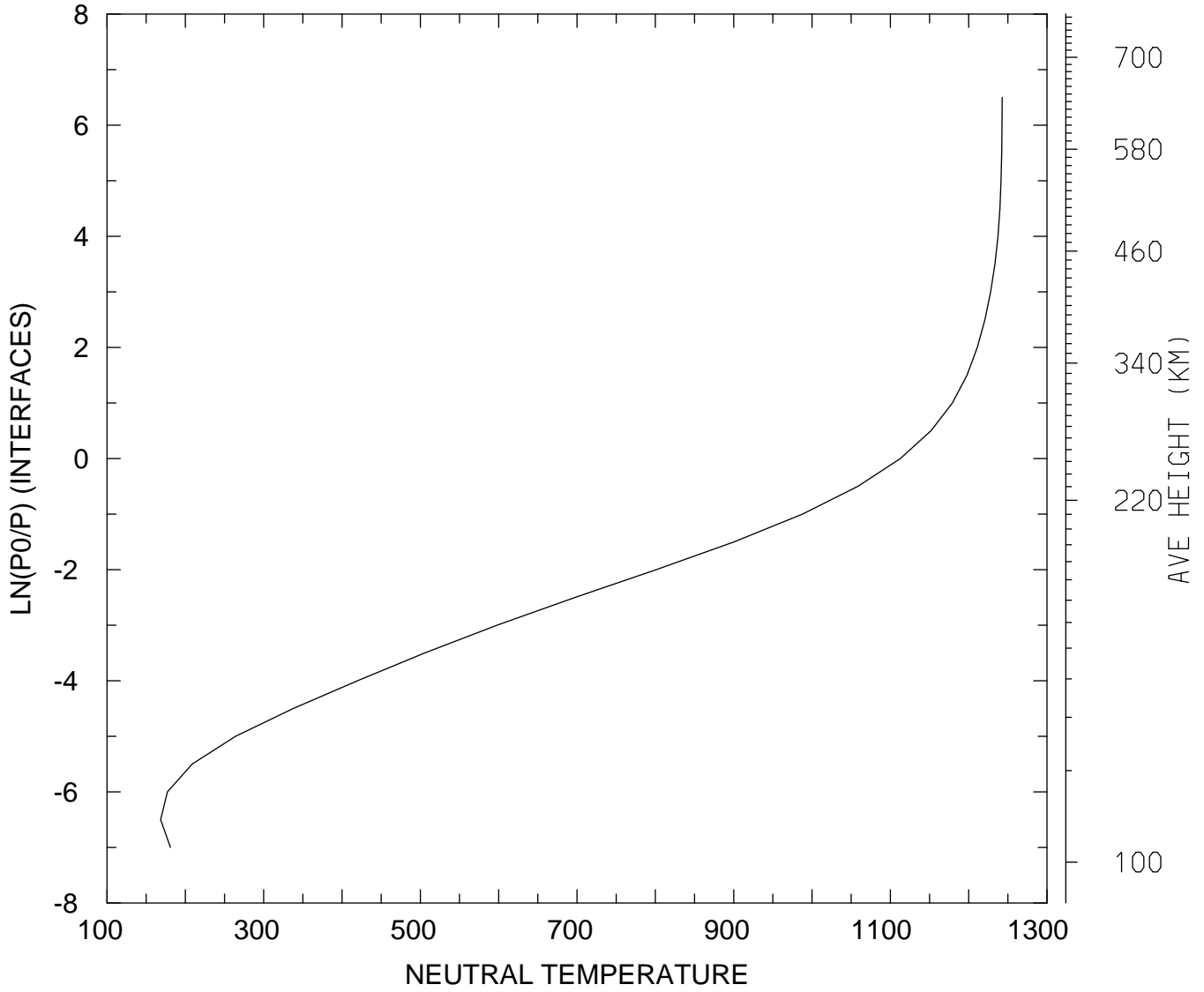
MIN,MAX= 1.7520E+02 1.0901E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



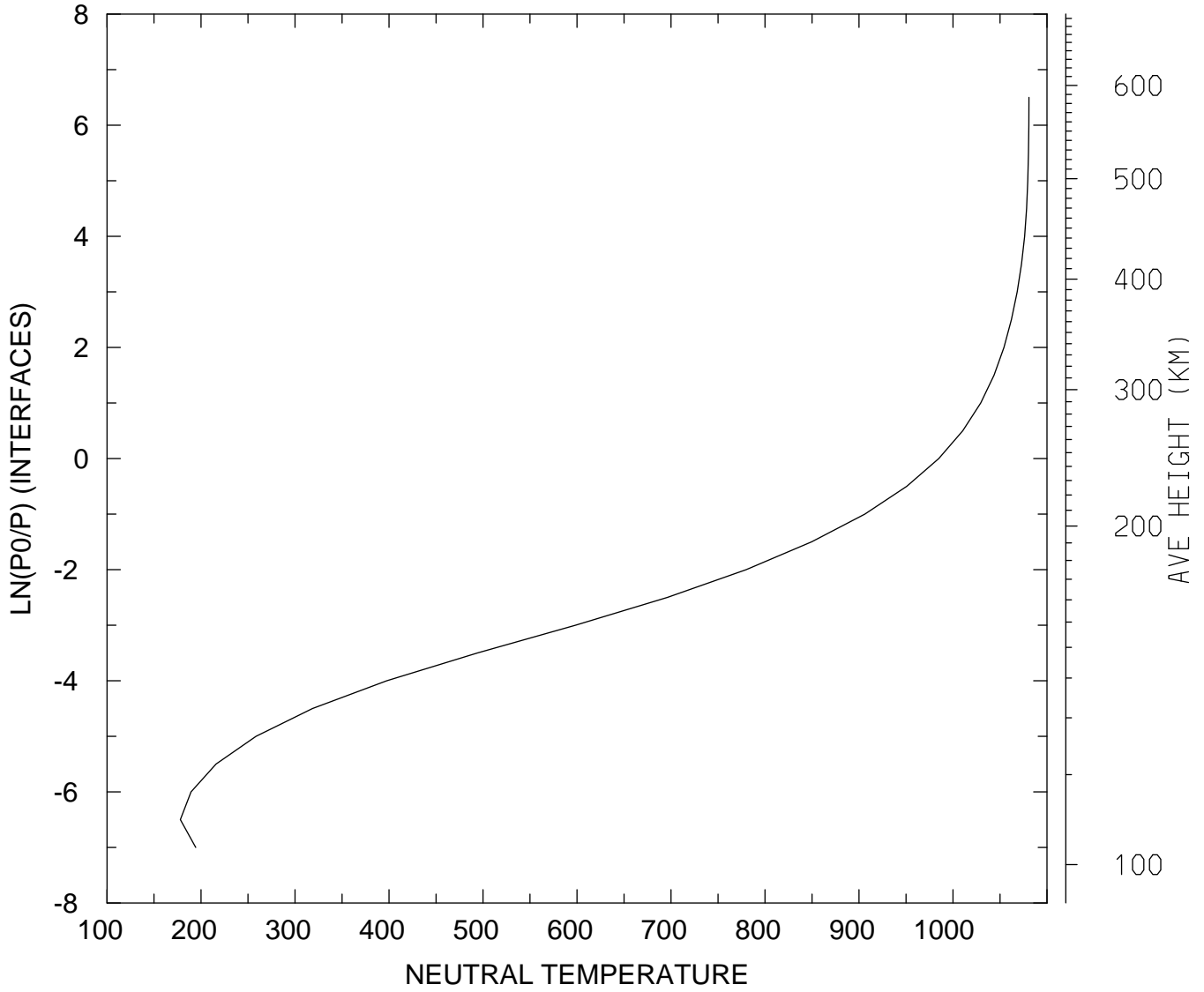
MIN,MAX= 1.6670E+02 1.3641E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 1.6840E+02 1.2427E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

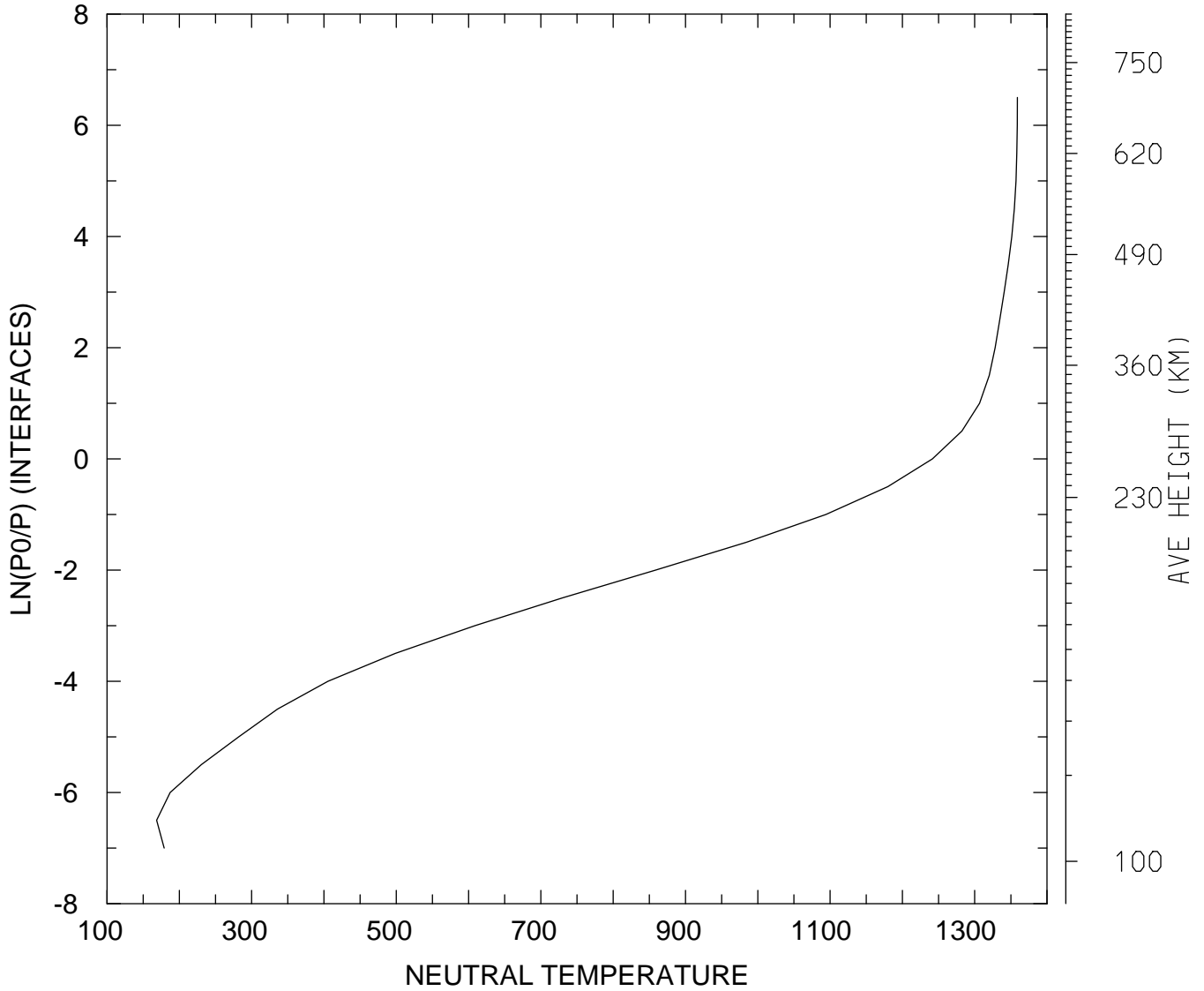
NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



MIN,MAX= 1.7802E+02 1.0808E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

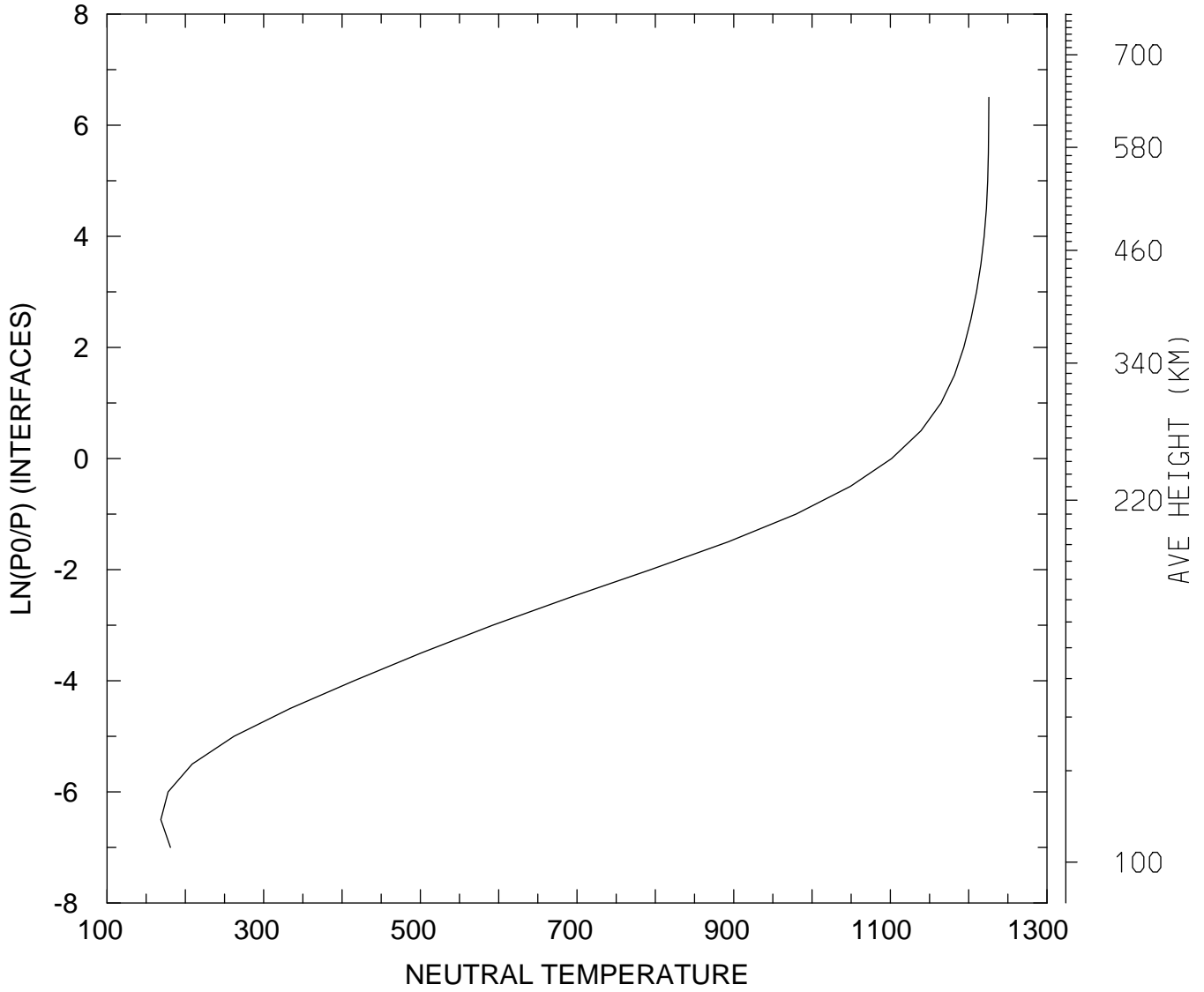


NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



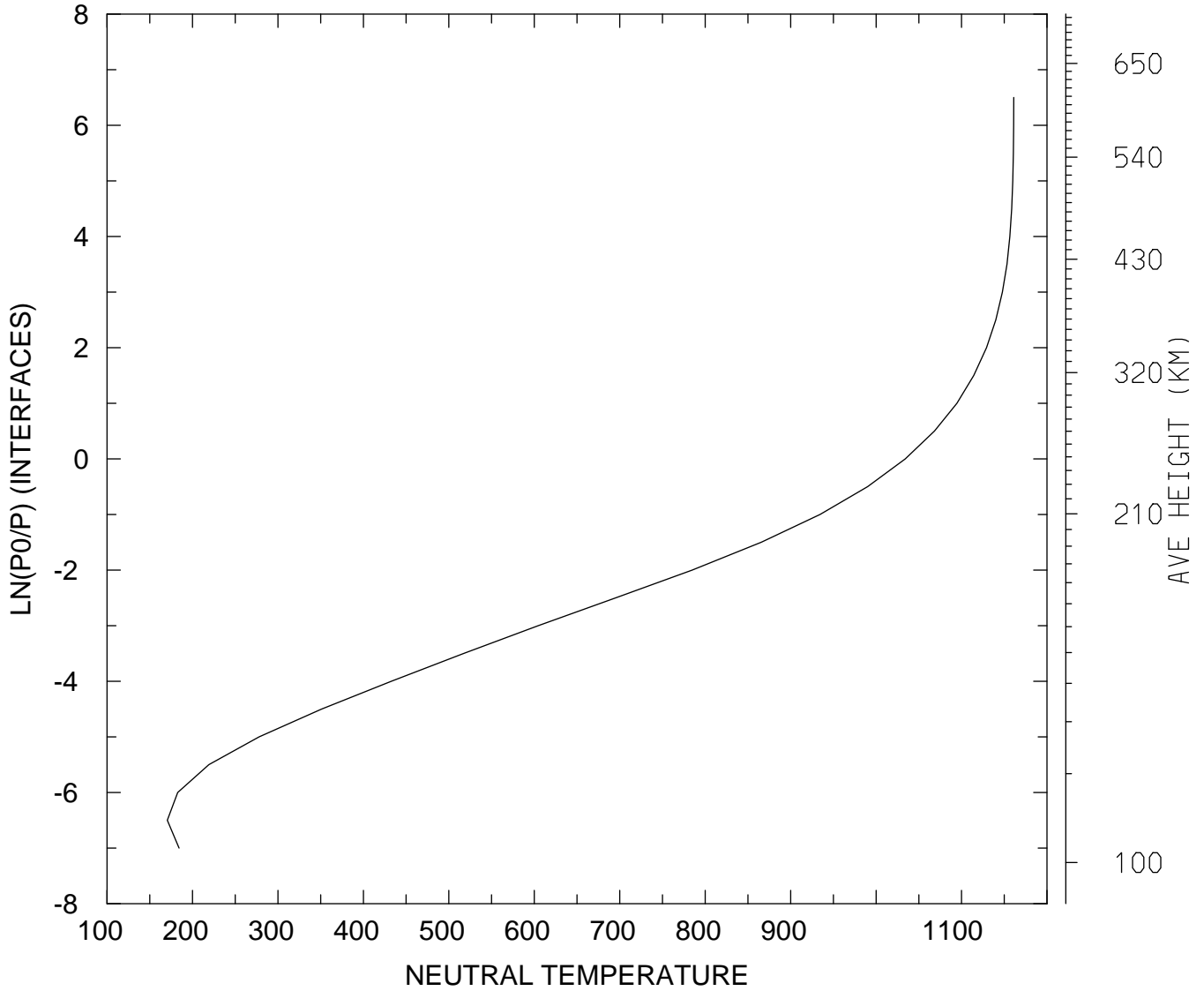
MIN,MAX= 1.6859E+02 1.3591E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



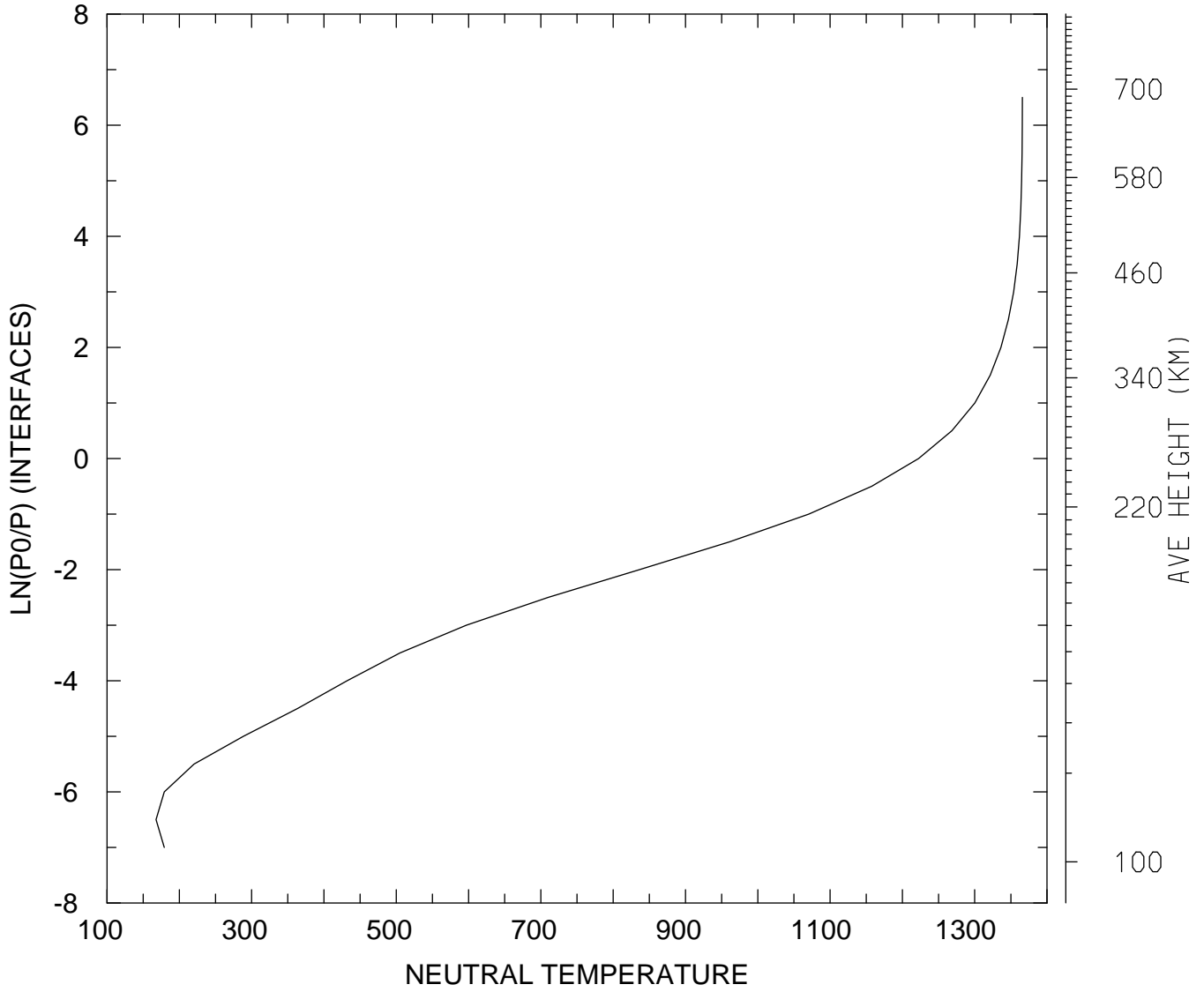
MIN,MAX= 1.6877E+02 1.2257E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



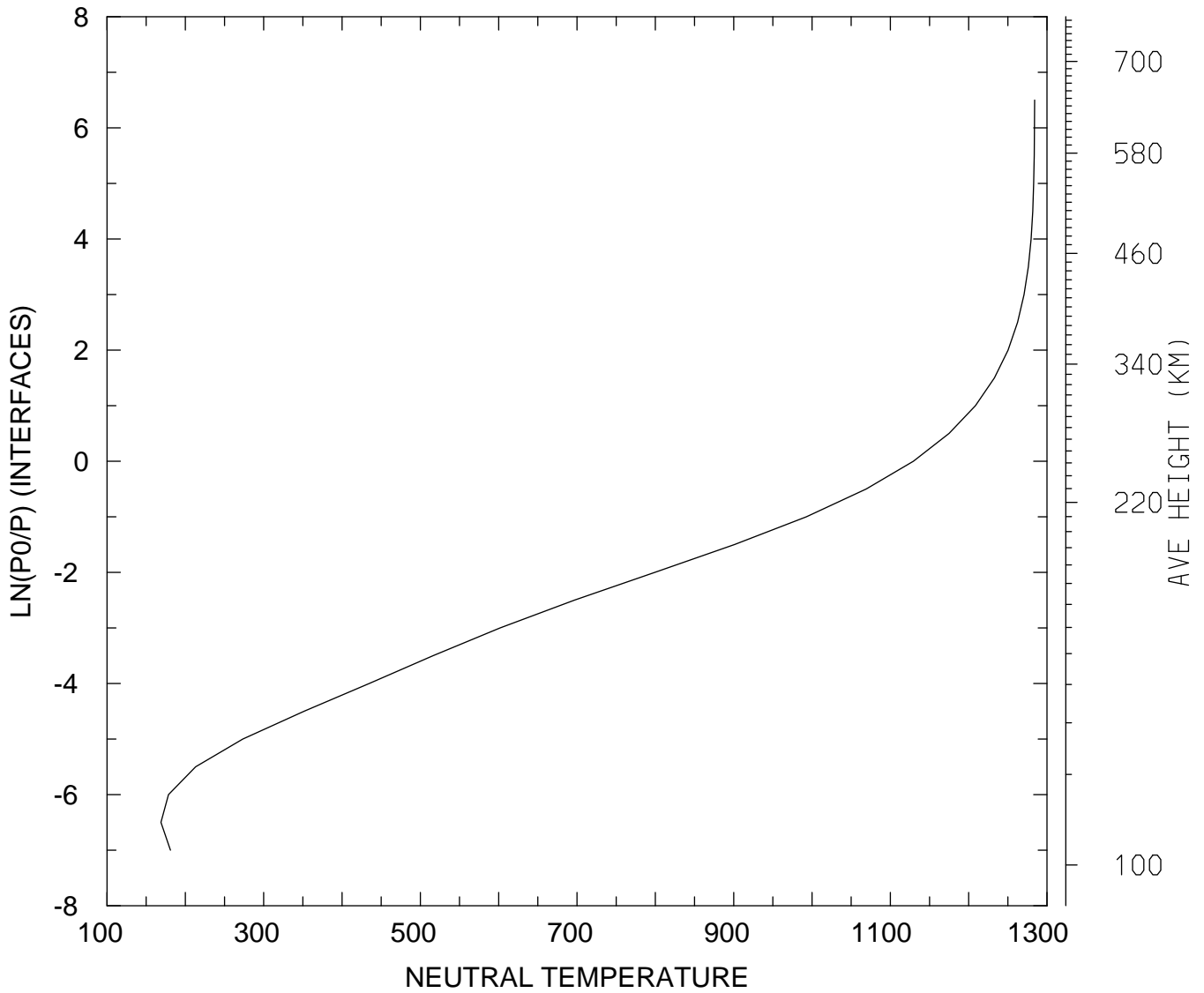
MIN,MAX= 1.7054E+02 1.1611E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



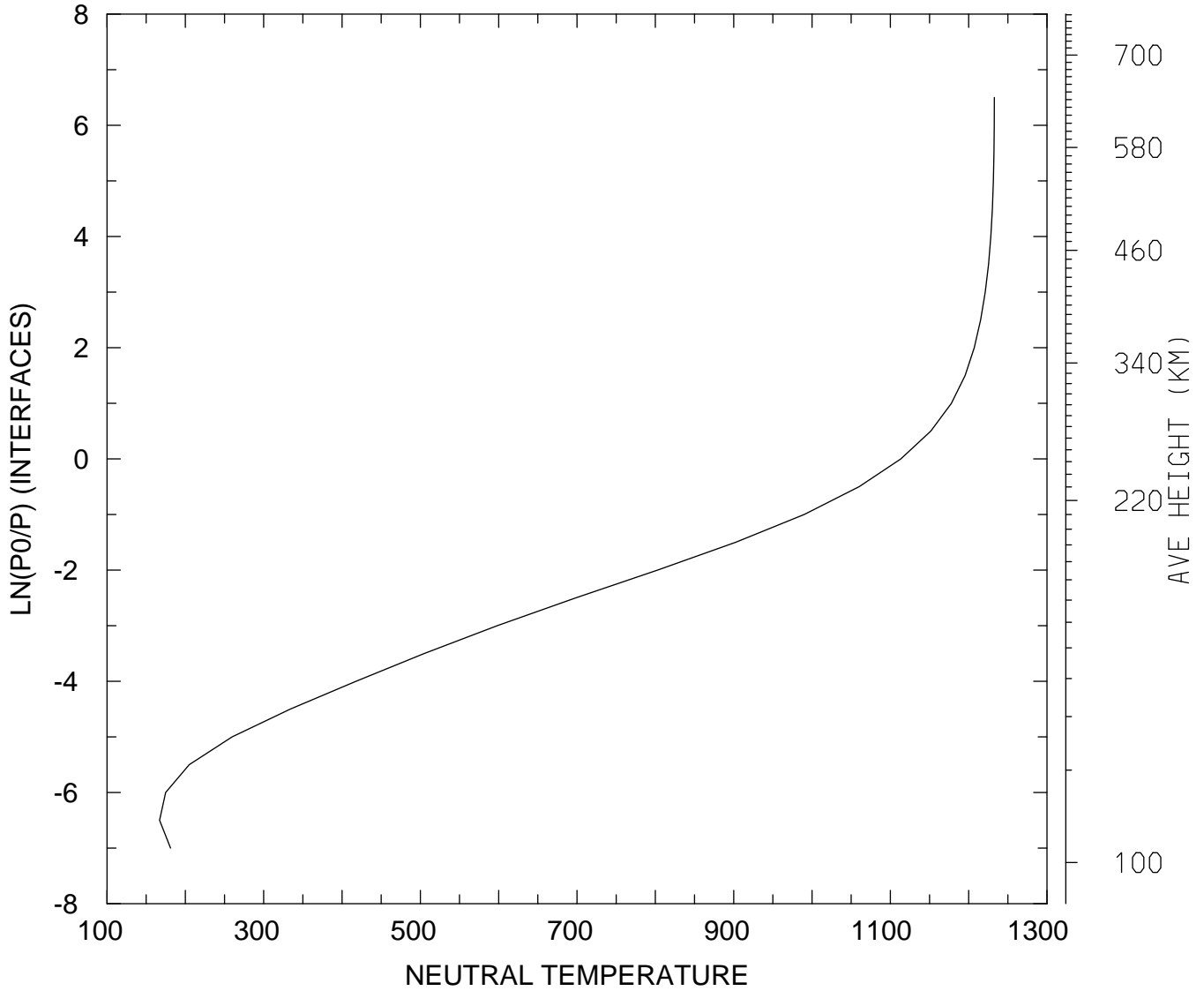
MIN,MAX= 1.6775E+02 1.3660E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



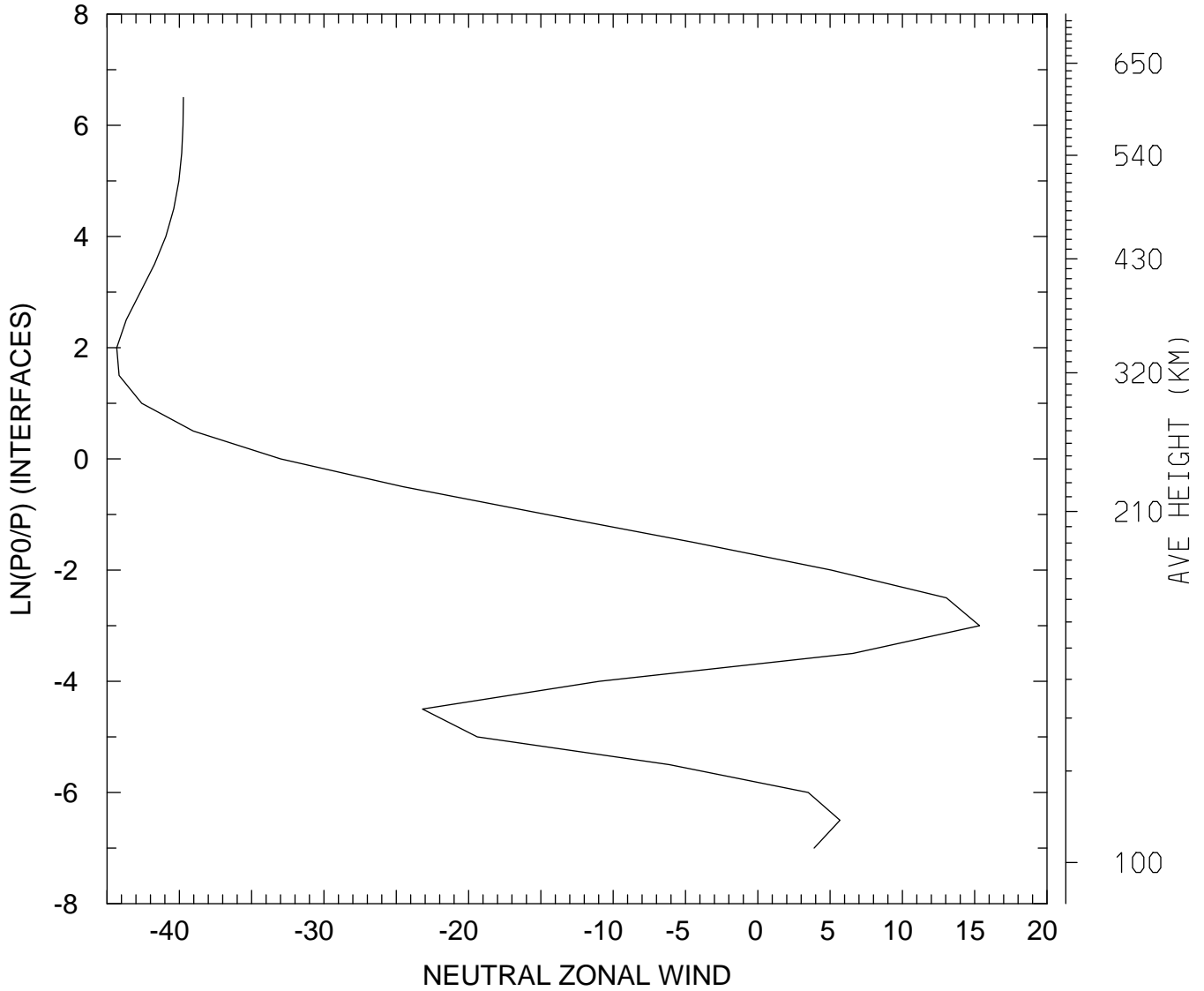
MIN,MAX= 1.6880E+02 1.2841E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 GLOBAL MEANS



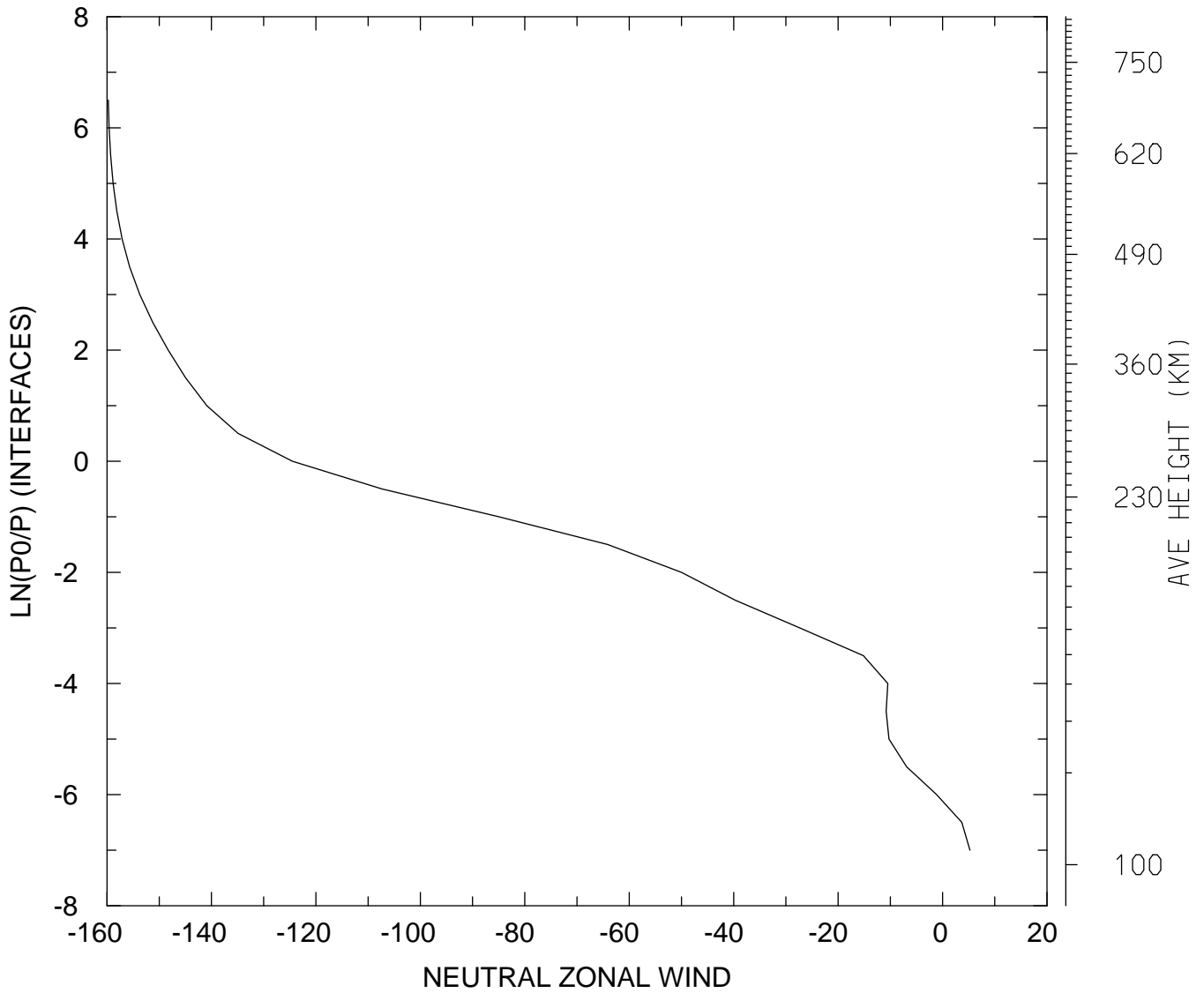
MIN,MAX= 1.6714E+02 1.2328E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= -4.4330E+01 1.5338E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

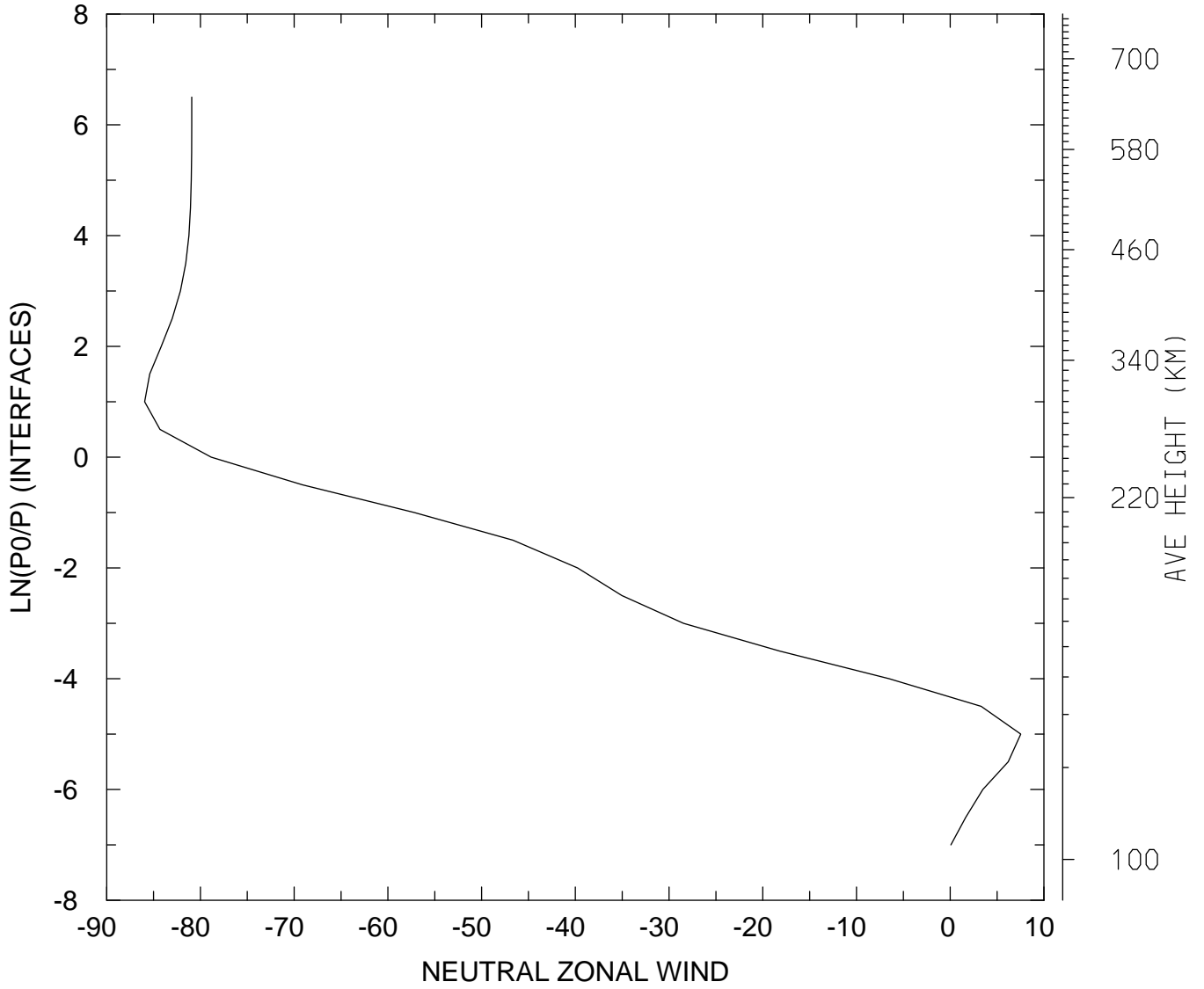
NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



MIN,MAX= -1.5976E+02 5.2355E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

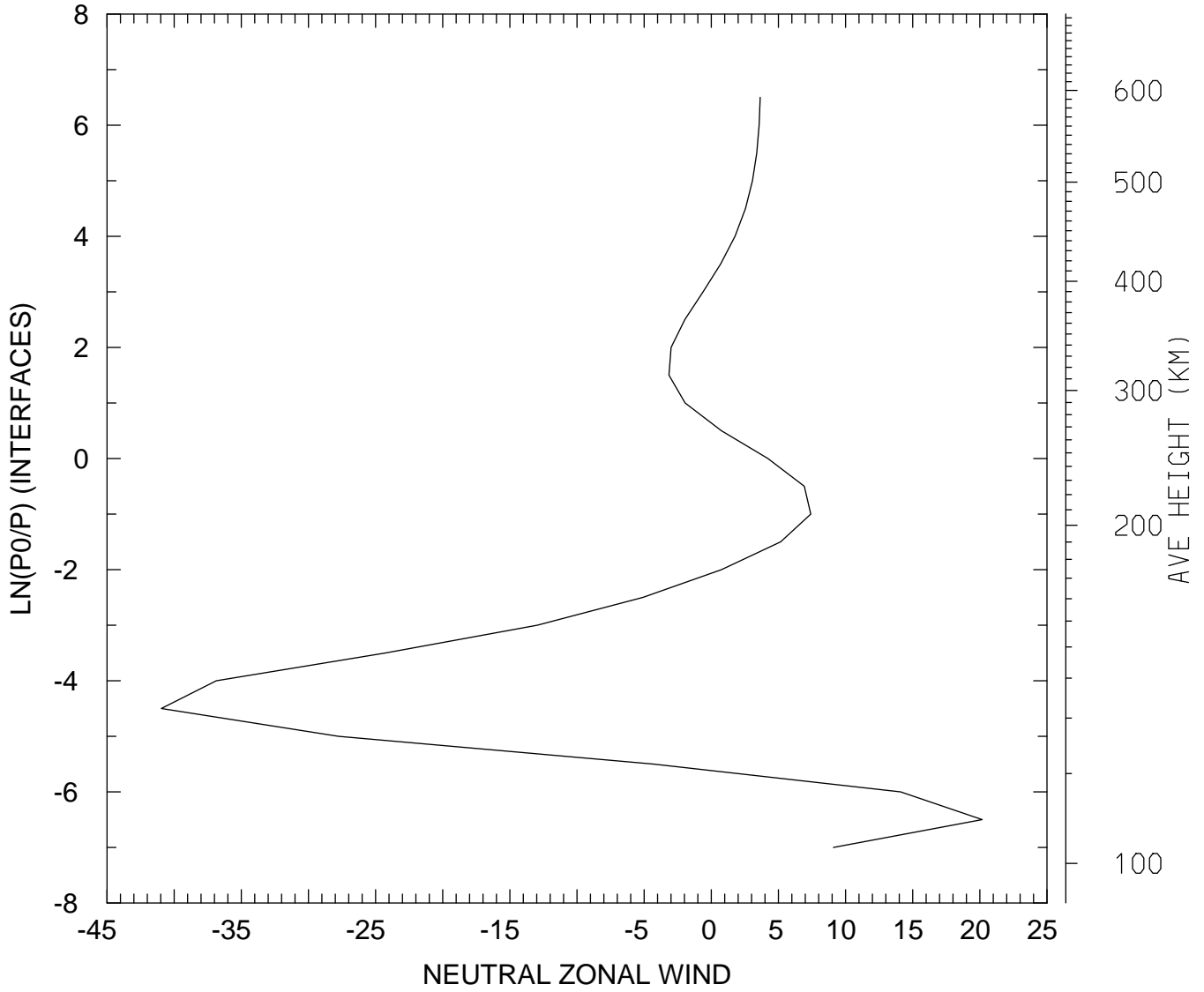


NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



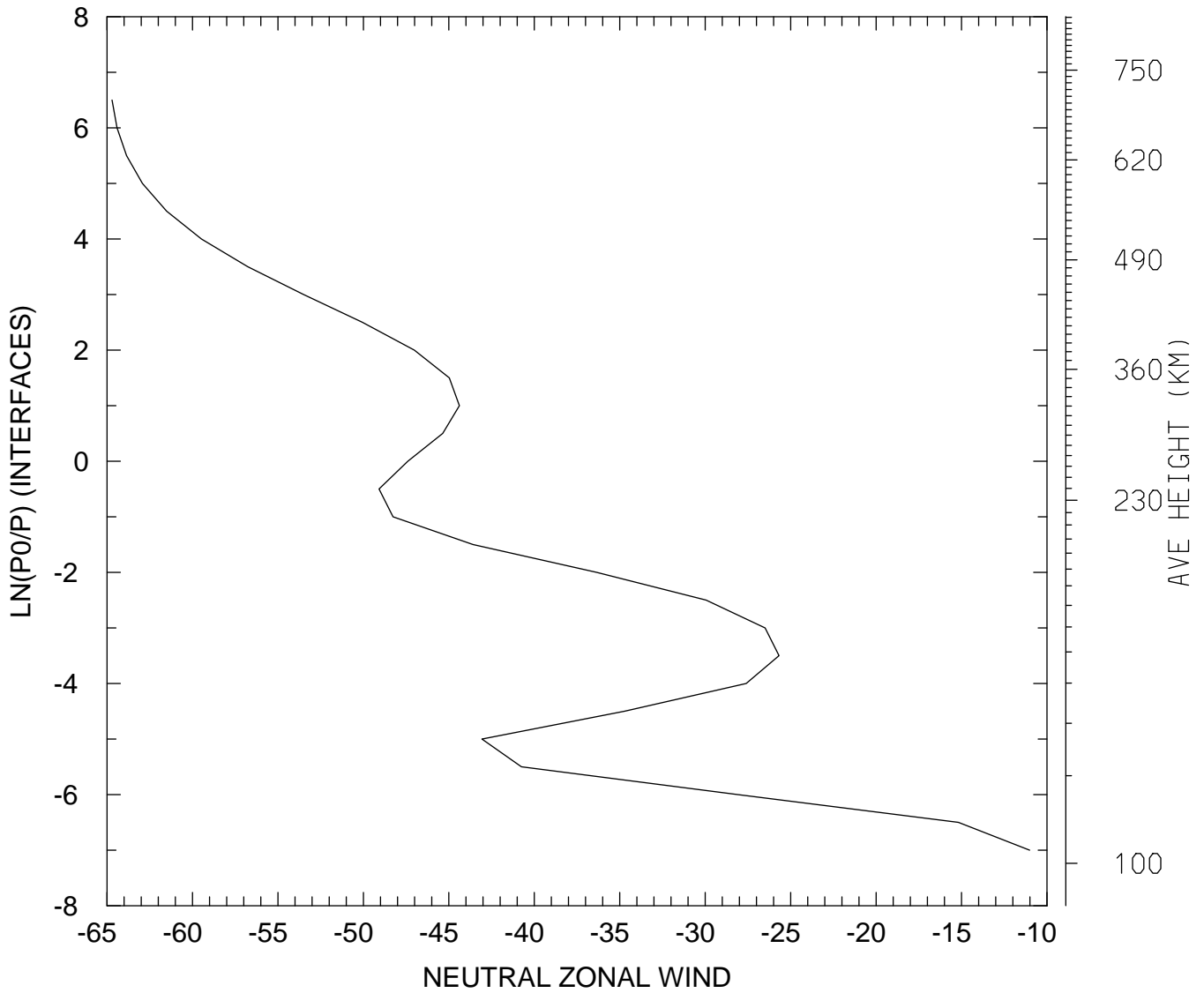
MIN,MAX= -8.5952E+01 7.5229E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



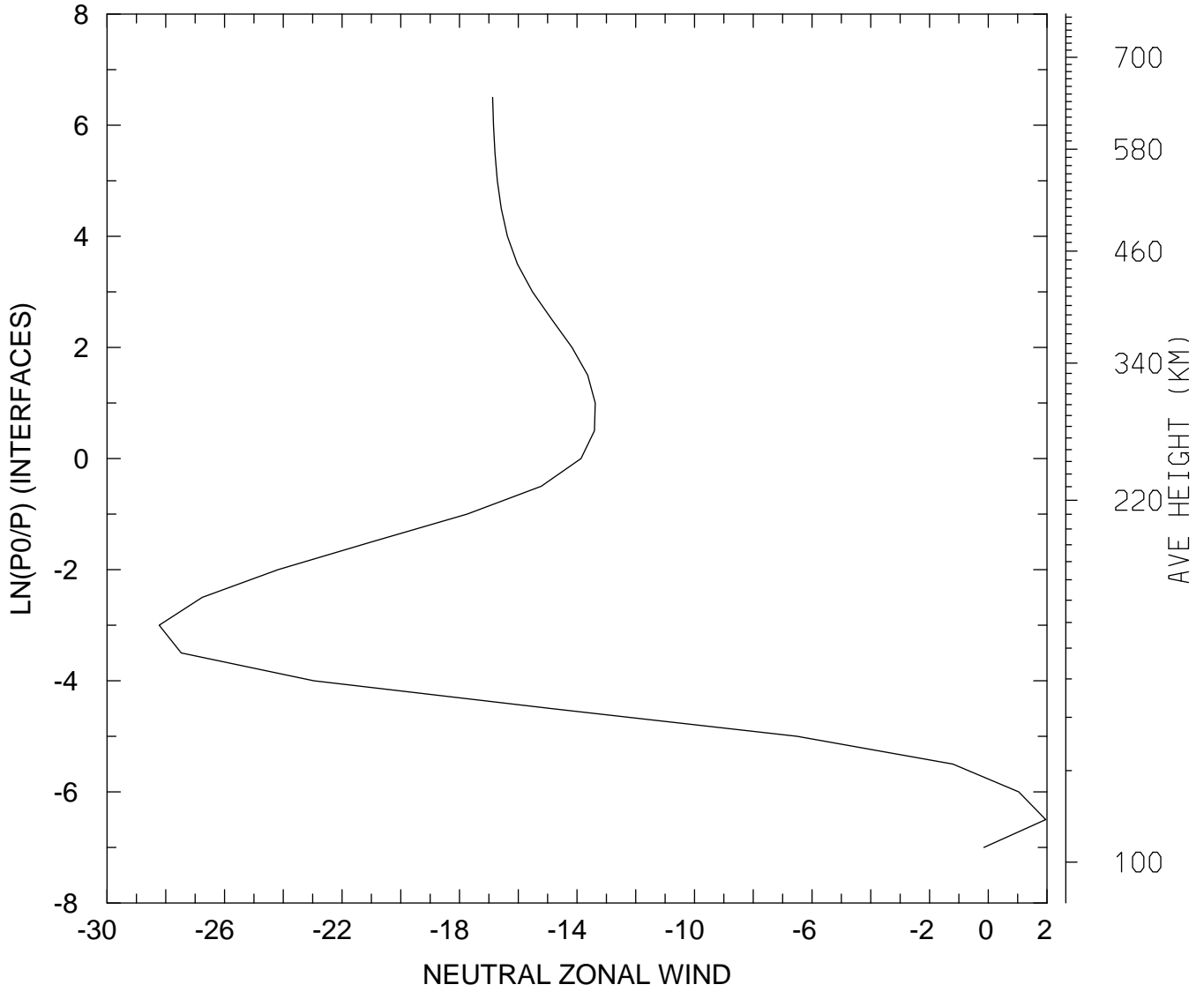
MIN,MAX= -4.0955E+01 2.0175E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



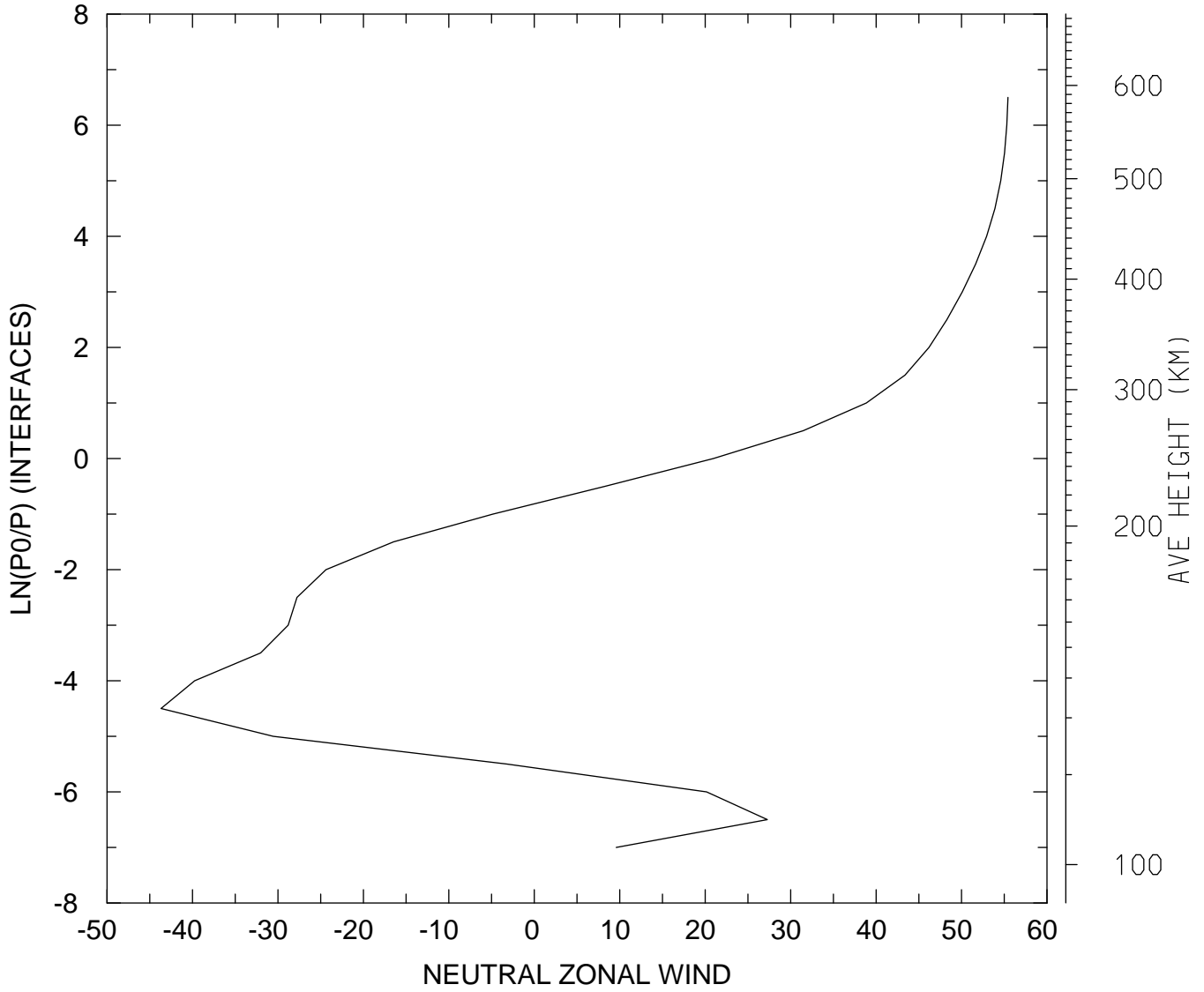
MIN,MAX= -6.4704E+01 -1.1015E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



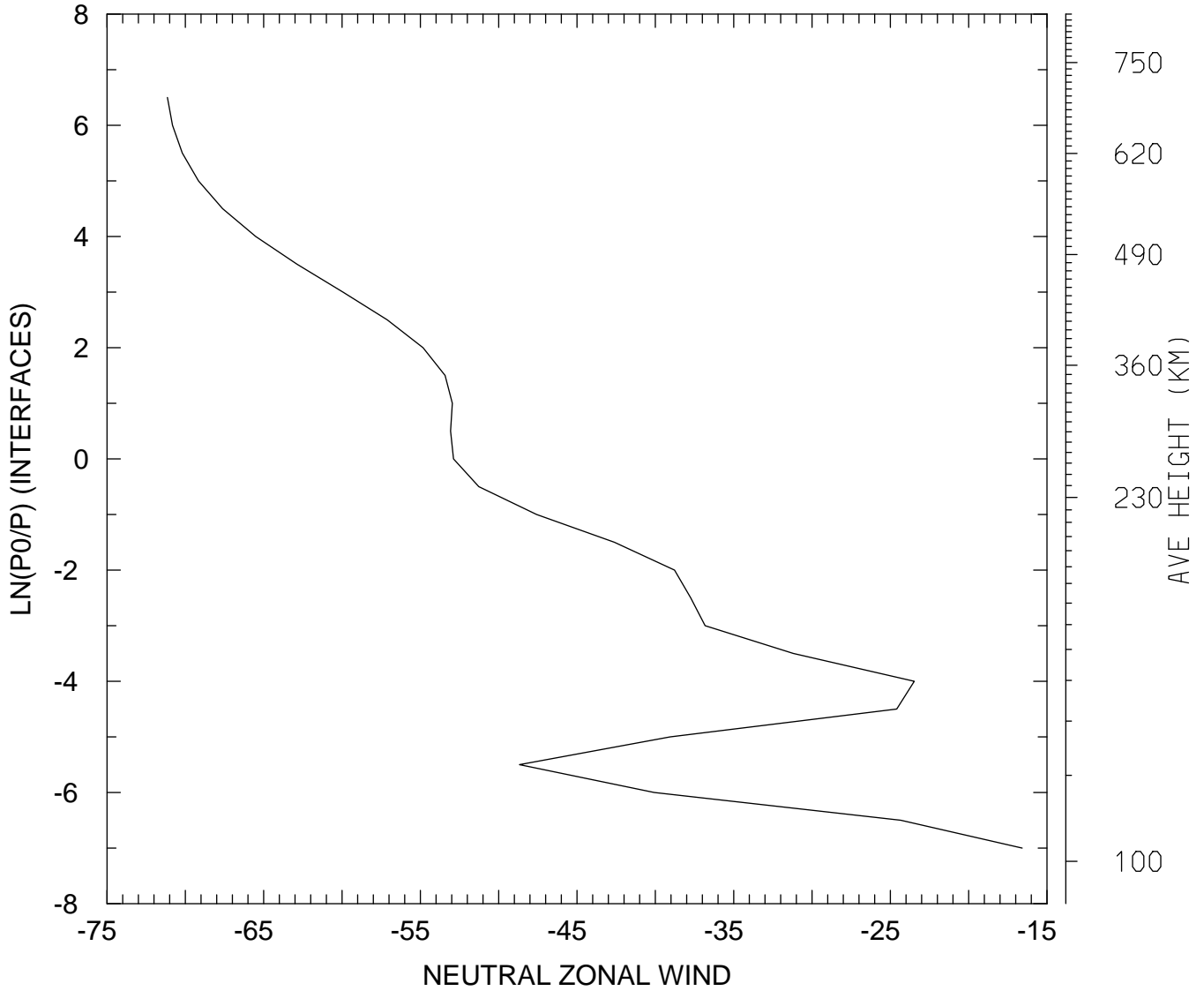
MIN,MAX= -2.8226E+01 1.9552E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



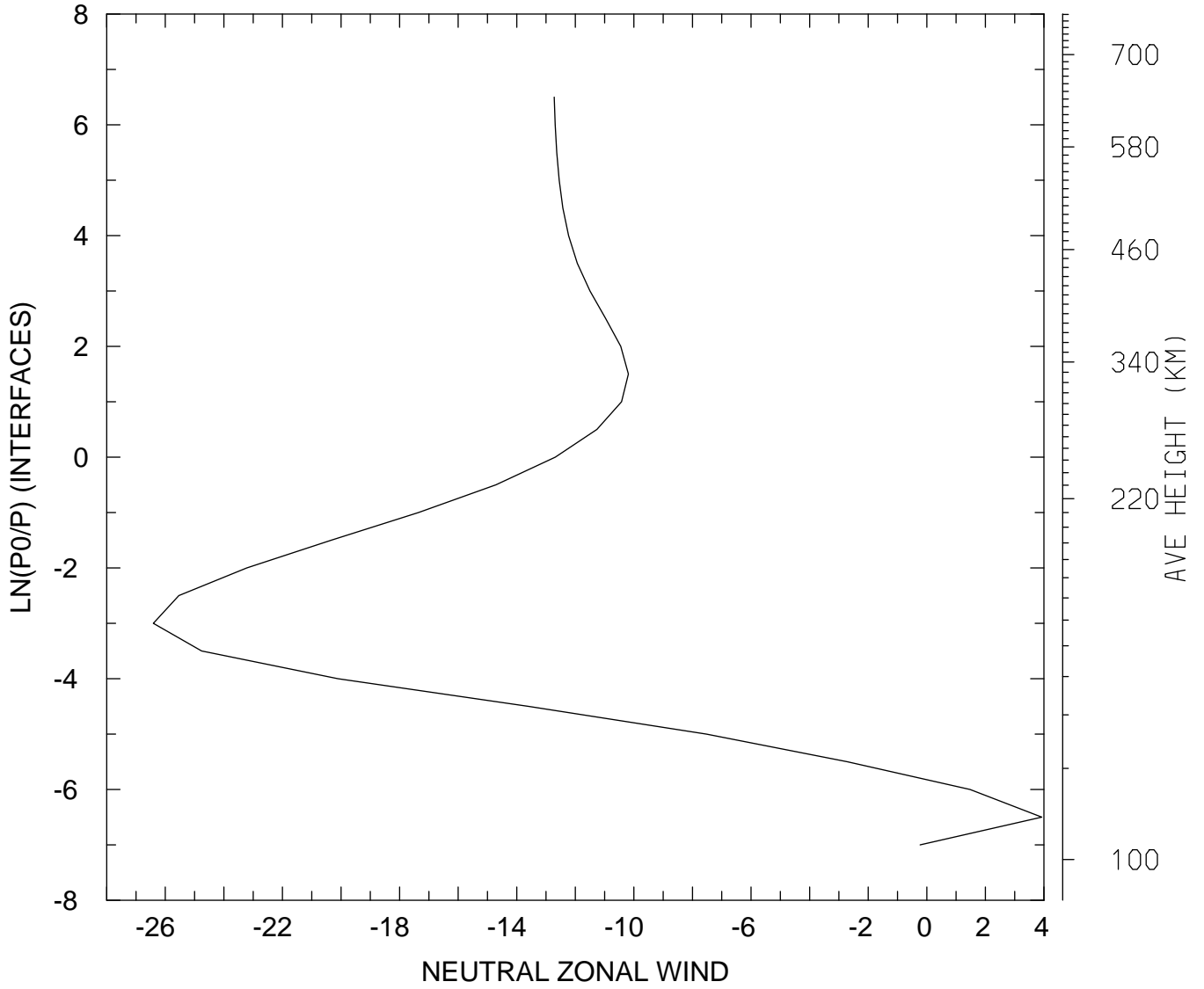
MIN,MAX= -4.3679E+01 5.5433E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



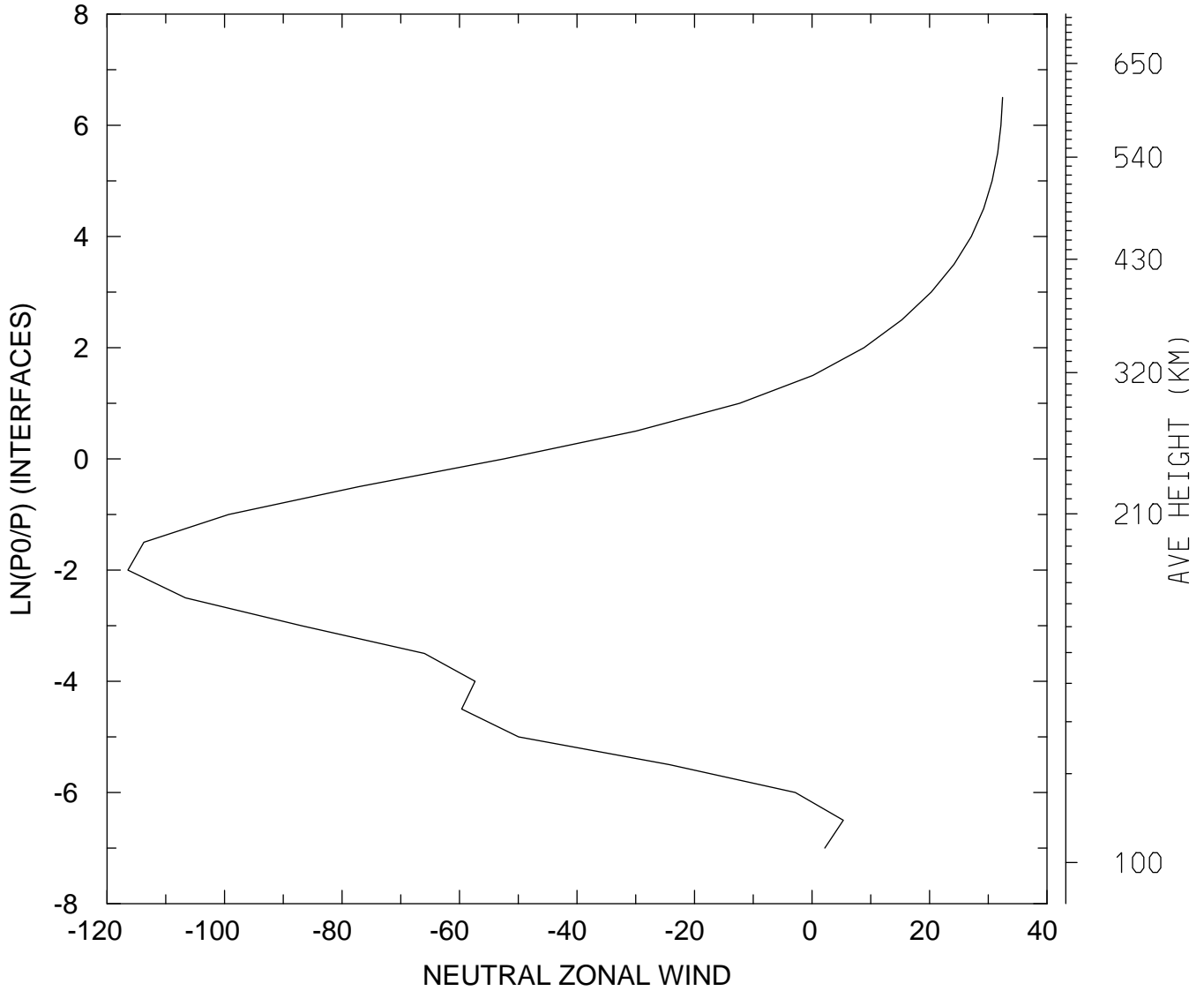
MIN,MAX= -7.1146E+01 -1.6583E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= -2.6407E+01 3.9245E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

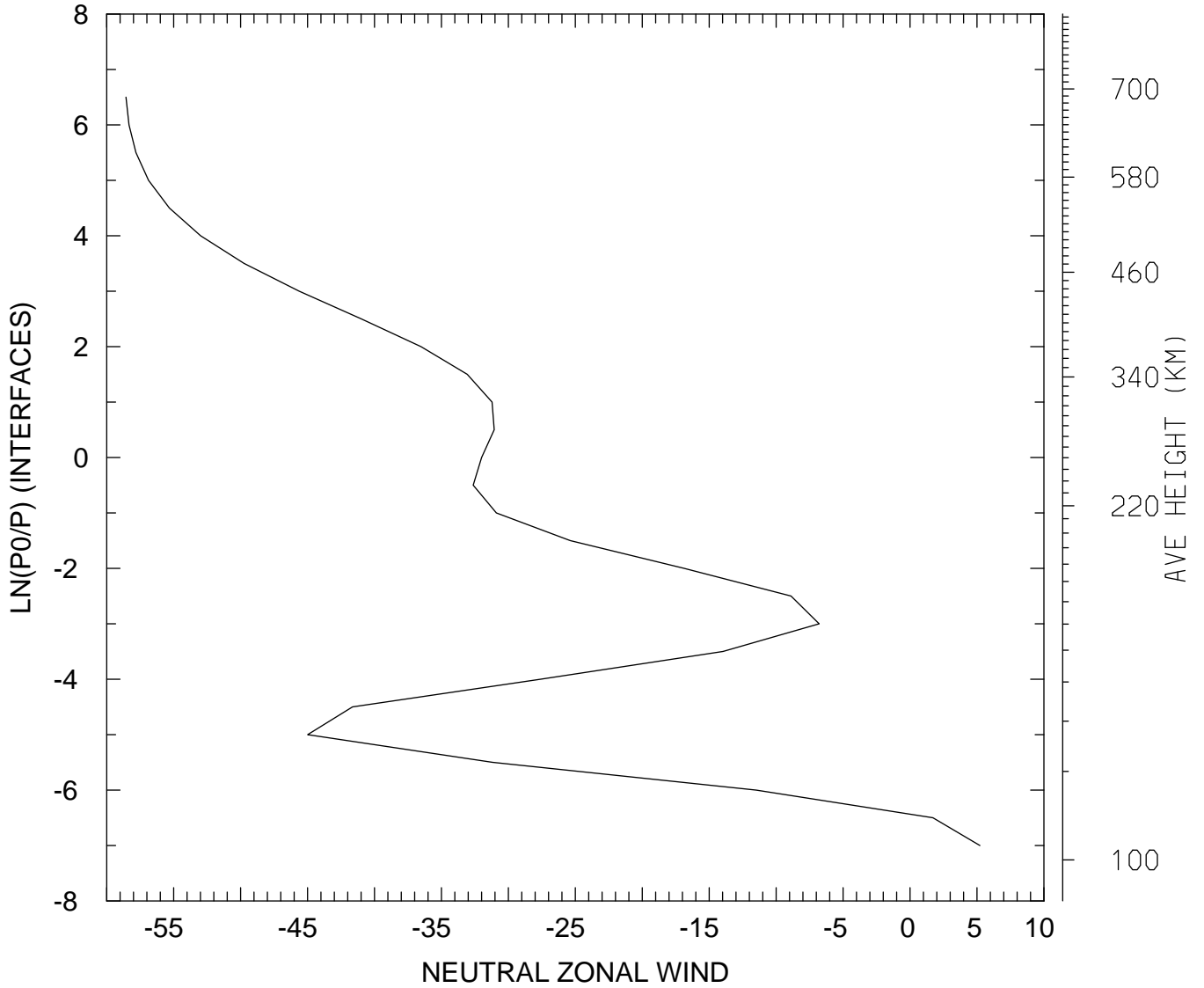
NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



MIN,MAX= -1.1645E+02 3.2441E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

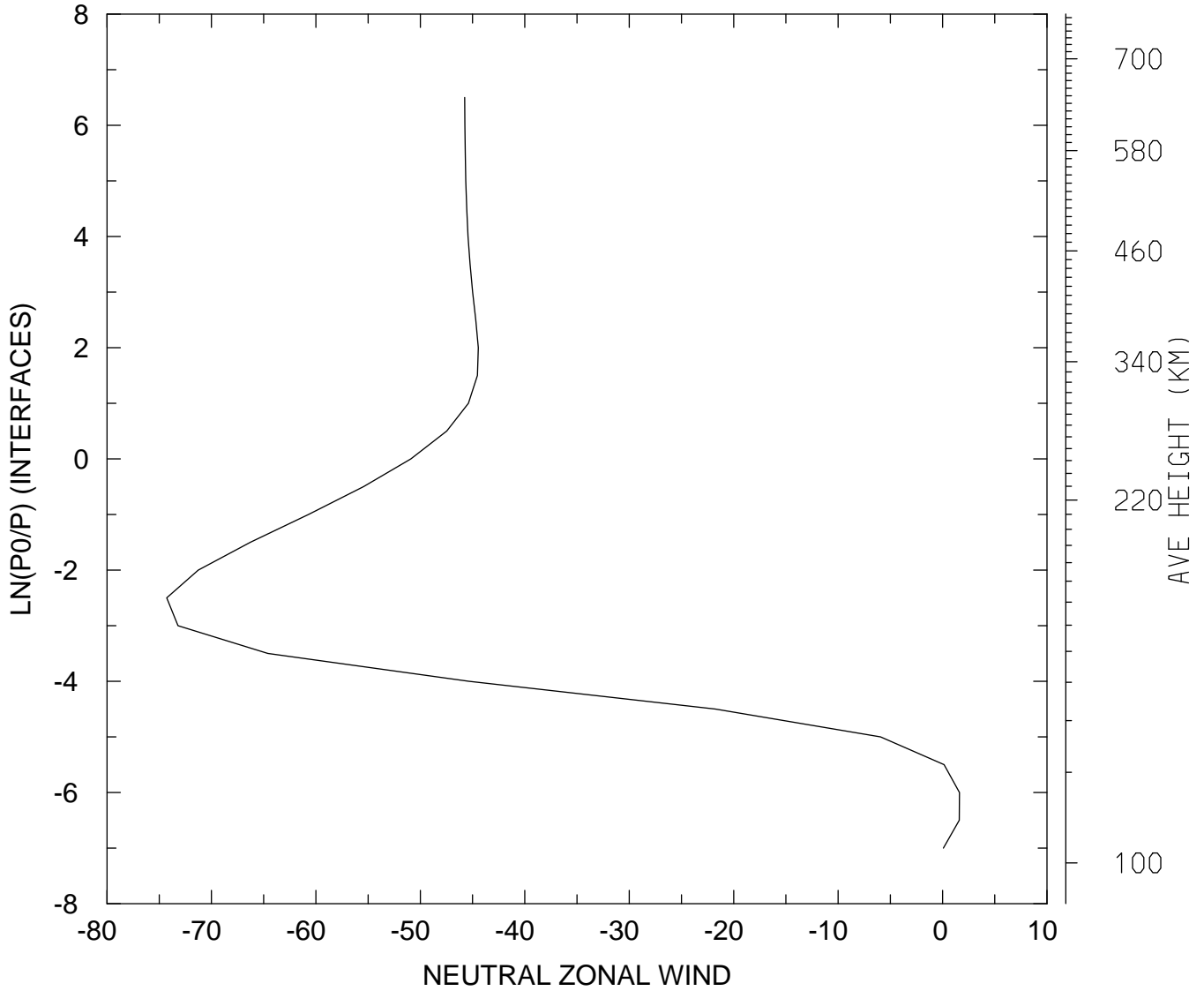


NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



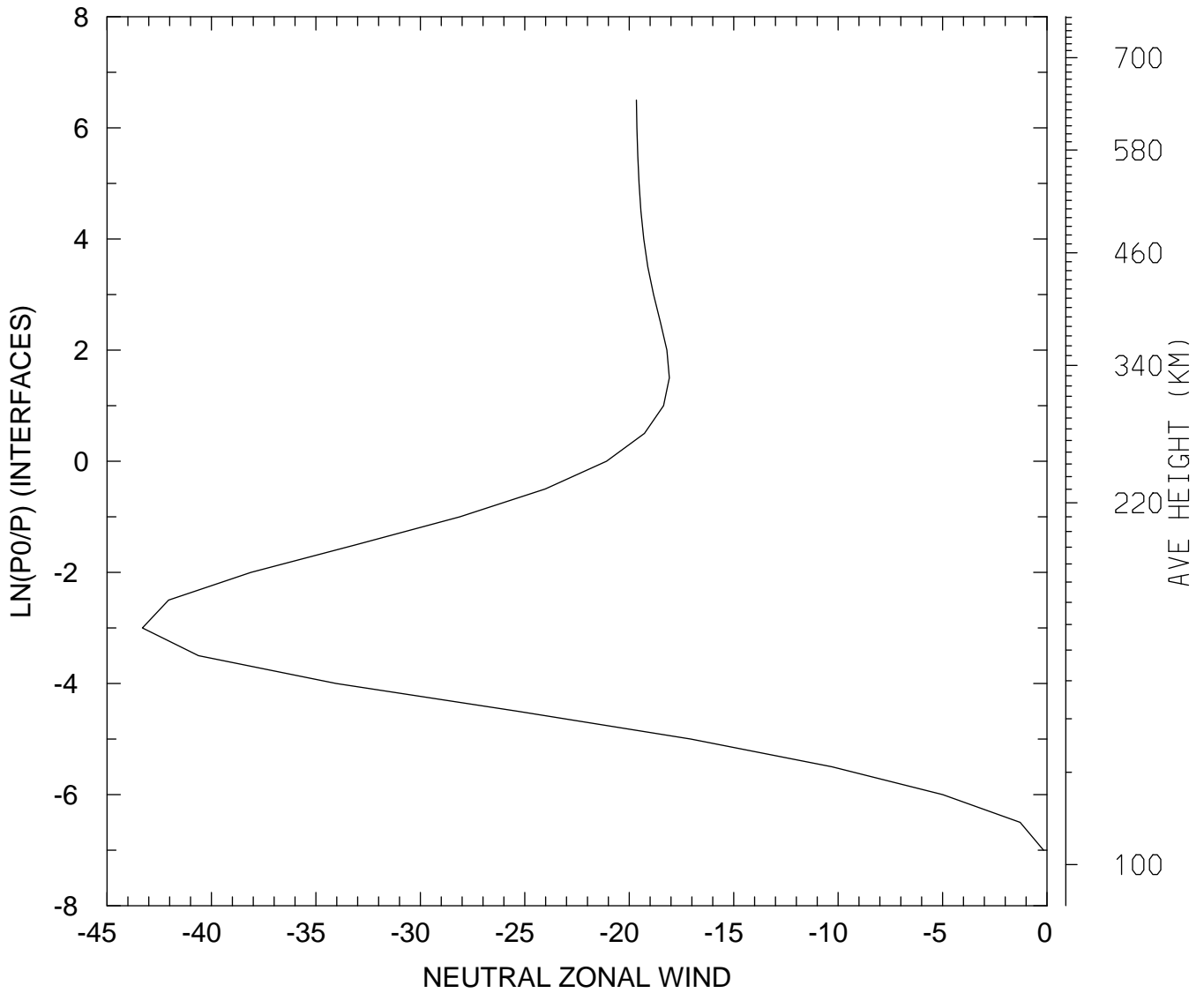
MIN,MAX= -5.8564E+01 5.2176E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



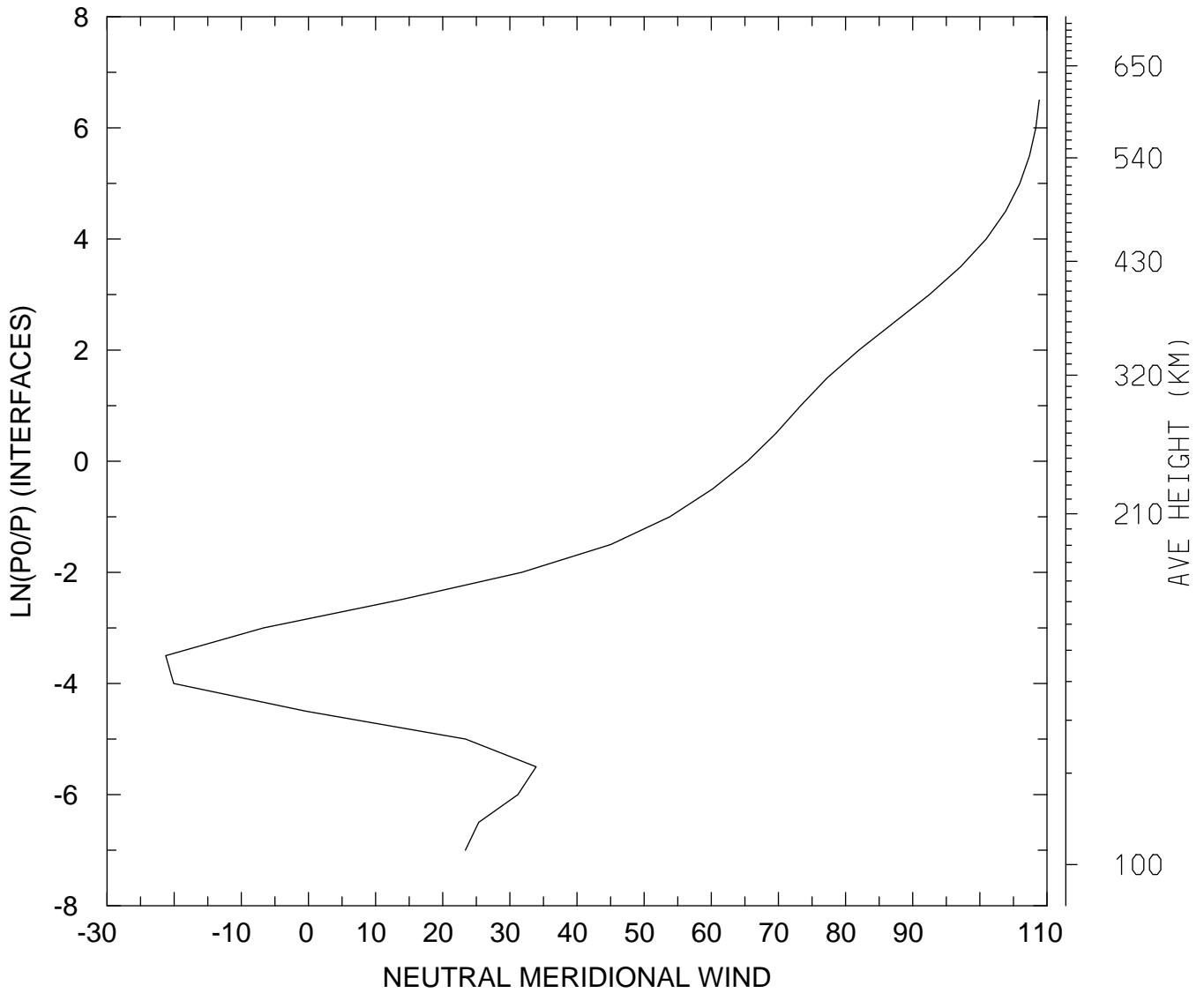
MIN,MAX= -7.4285E+01 1.6143E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



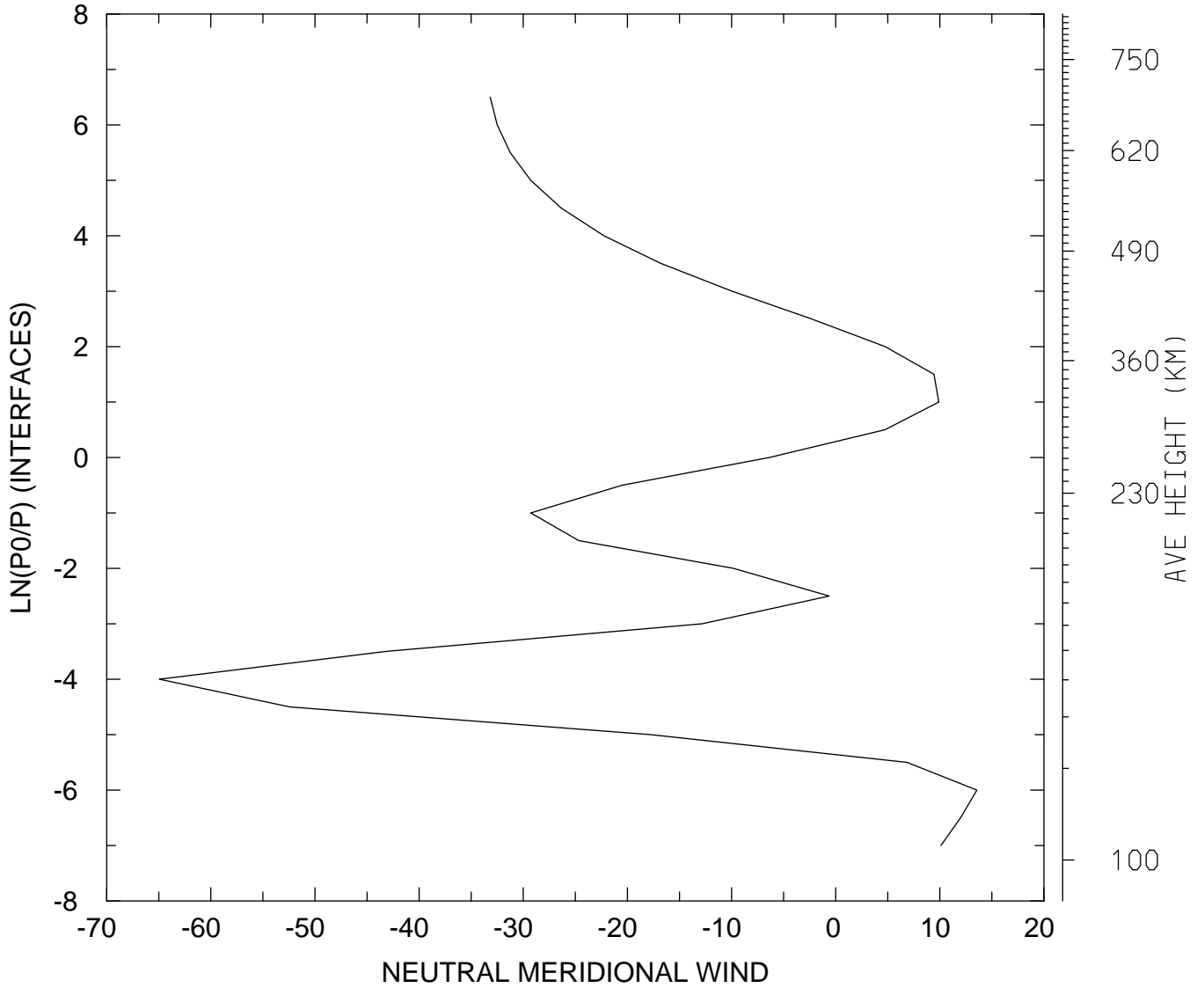
MIN,MAX= -4.3303E+01 -1.6624E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



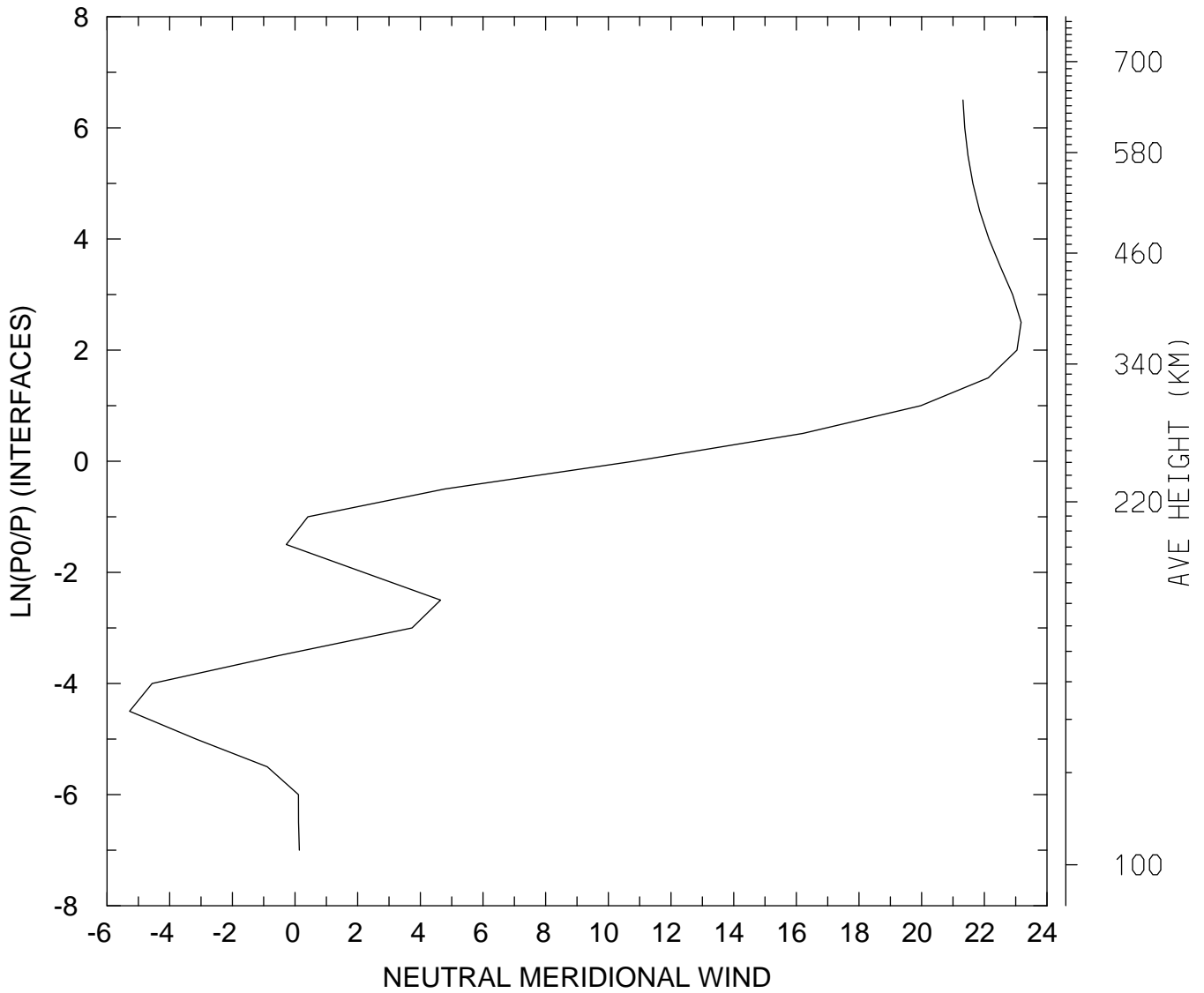
MIN,MAX= -2.1255E+01 1.0885E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



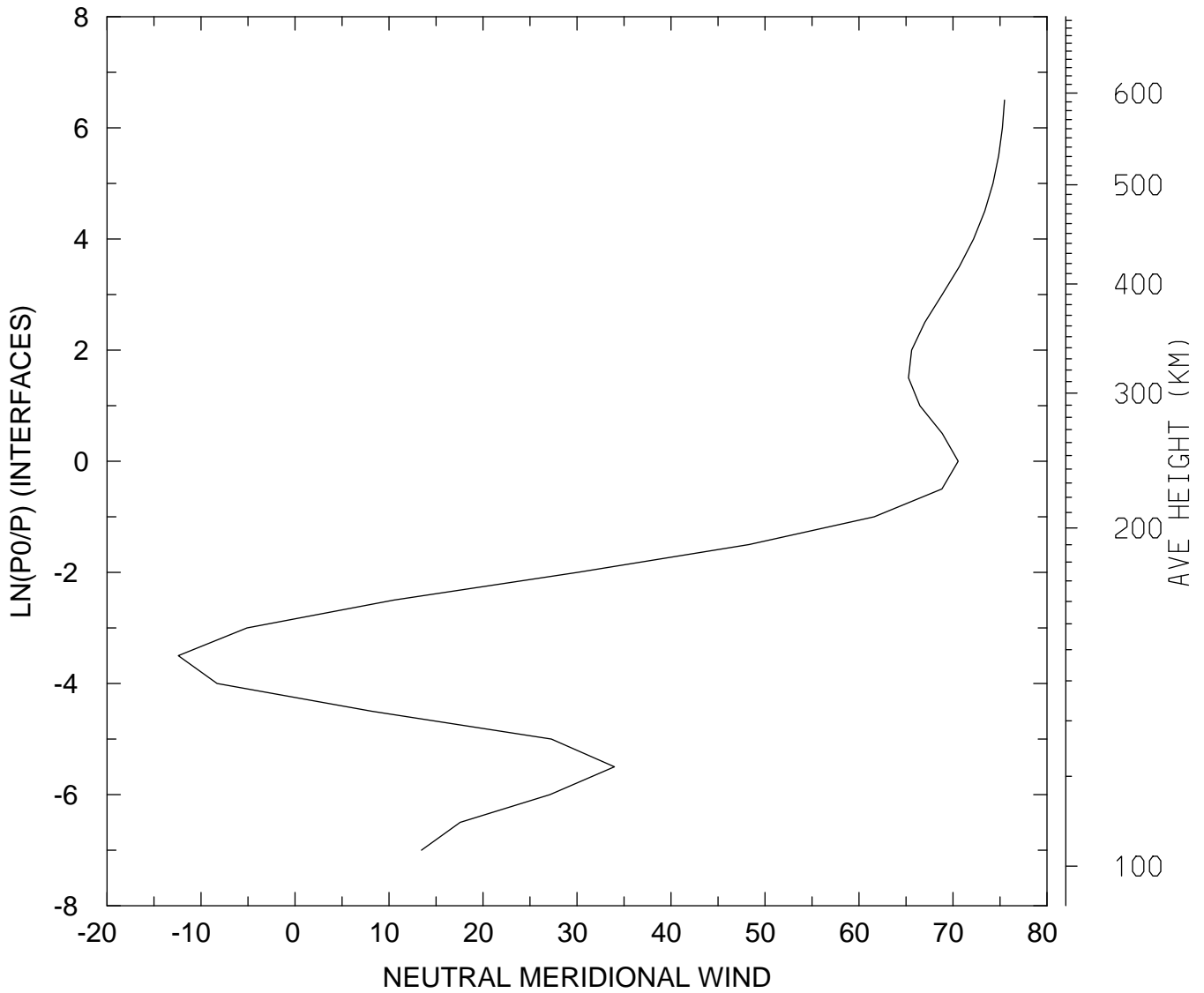
MIN,MAX= -6.4938E+01 1.3559E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



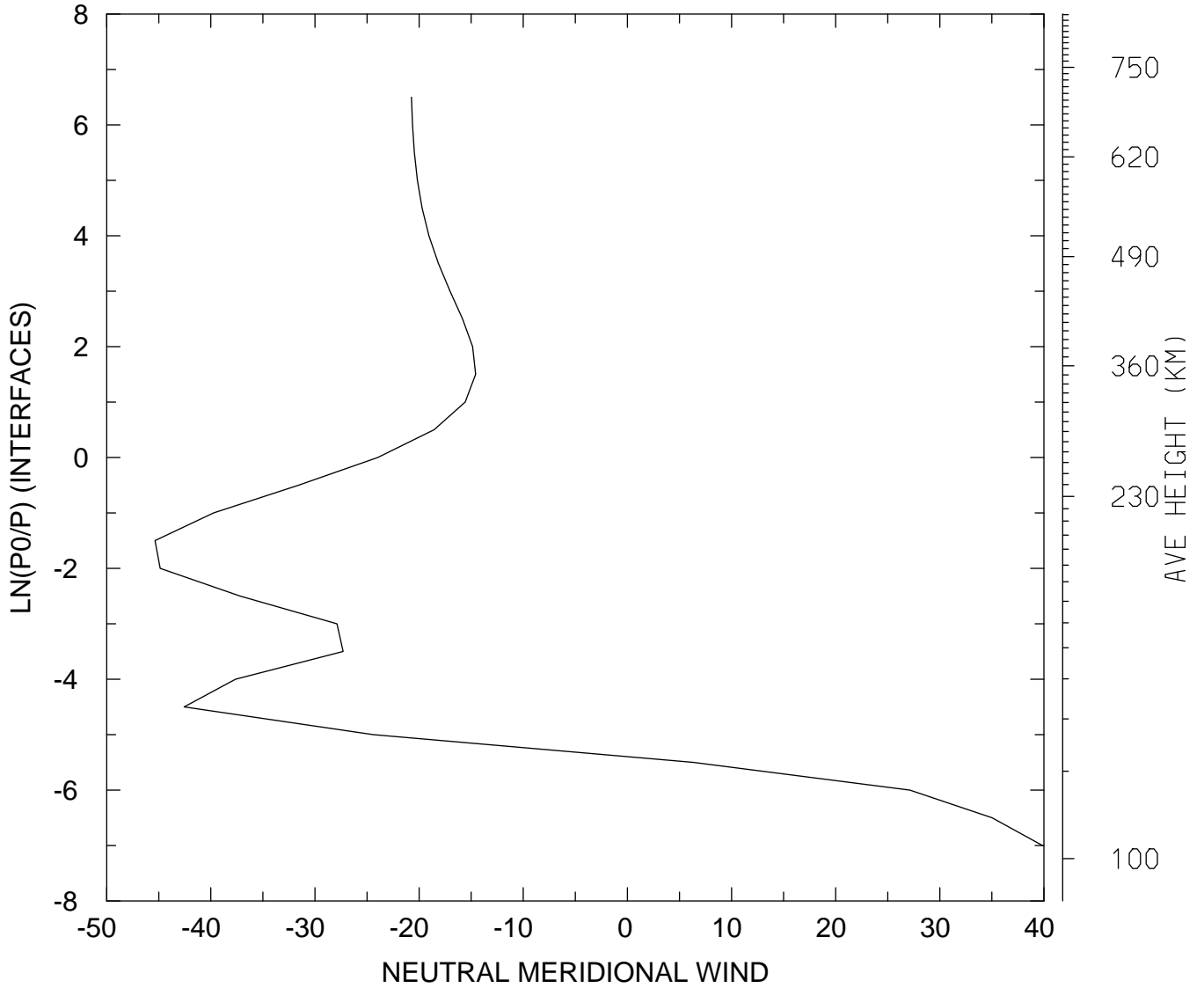
MIN,MAX= -5.2812E+00 2.3172E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= -1.2426E+01 7.5480E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

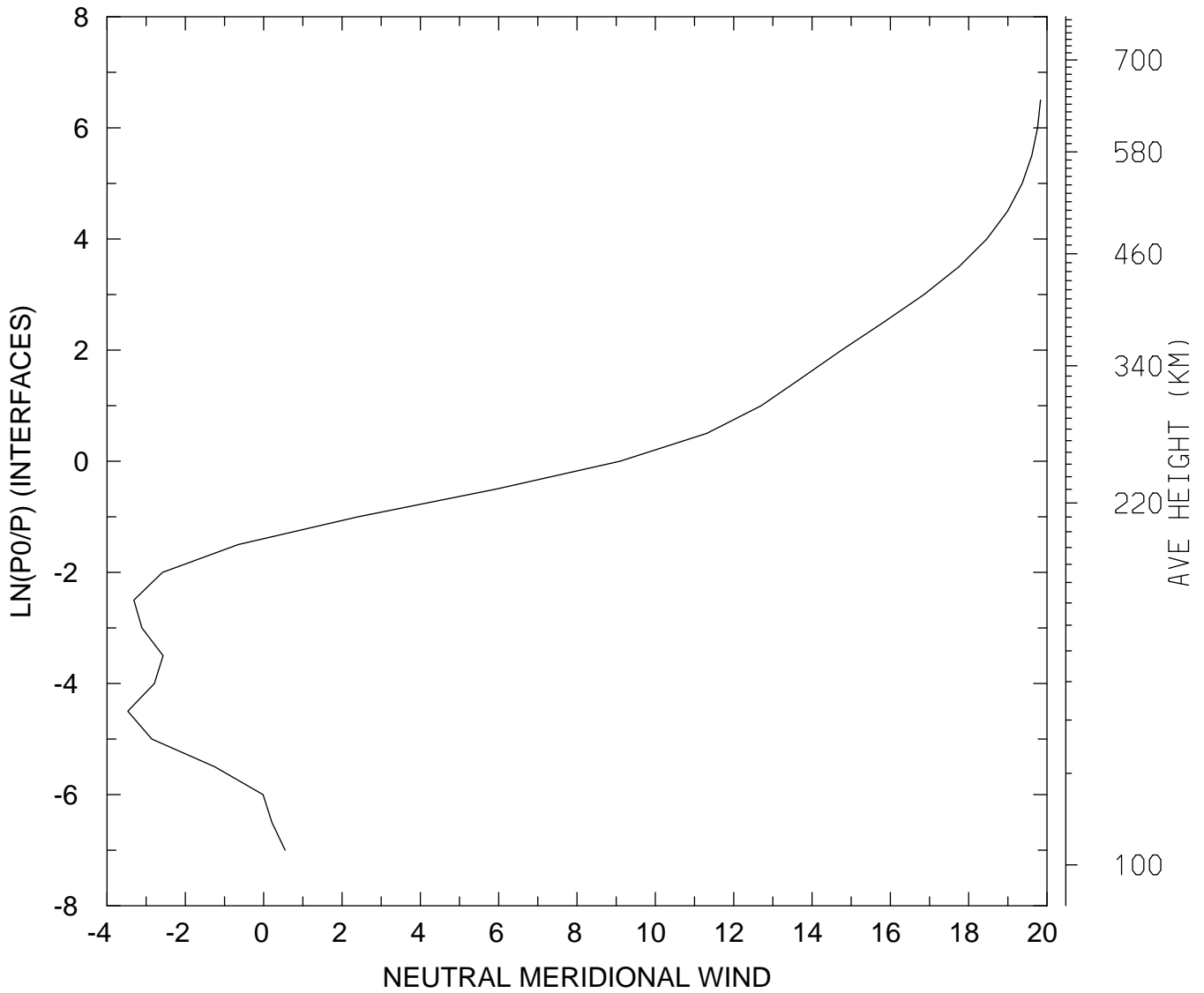
NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



MIN,MAX= -4.5367E+01 3.9865E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

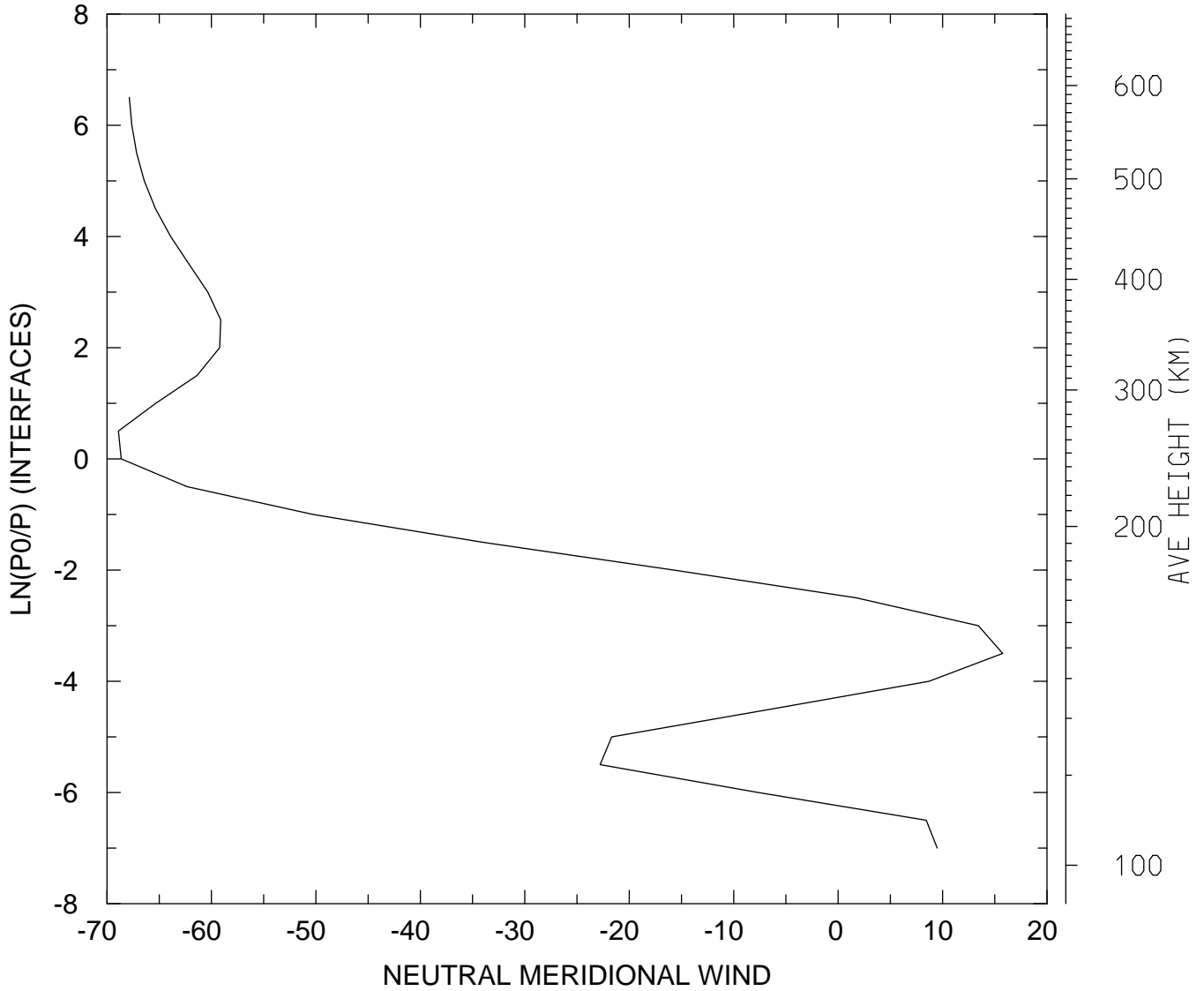


NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



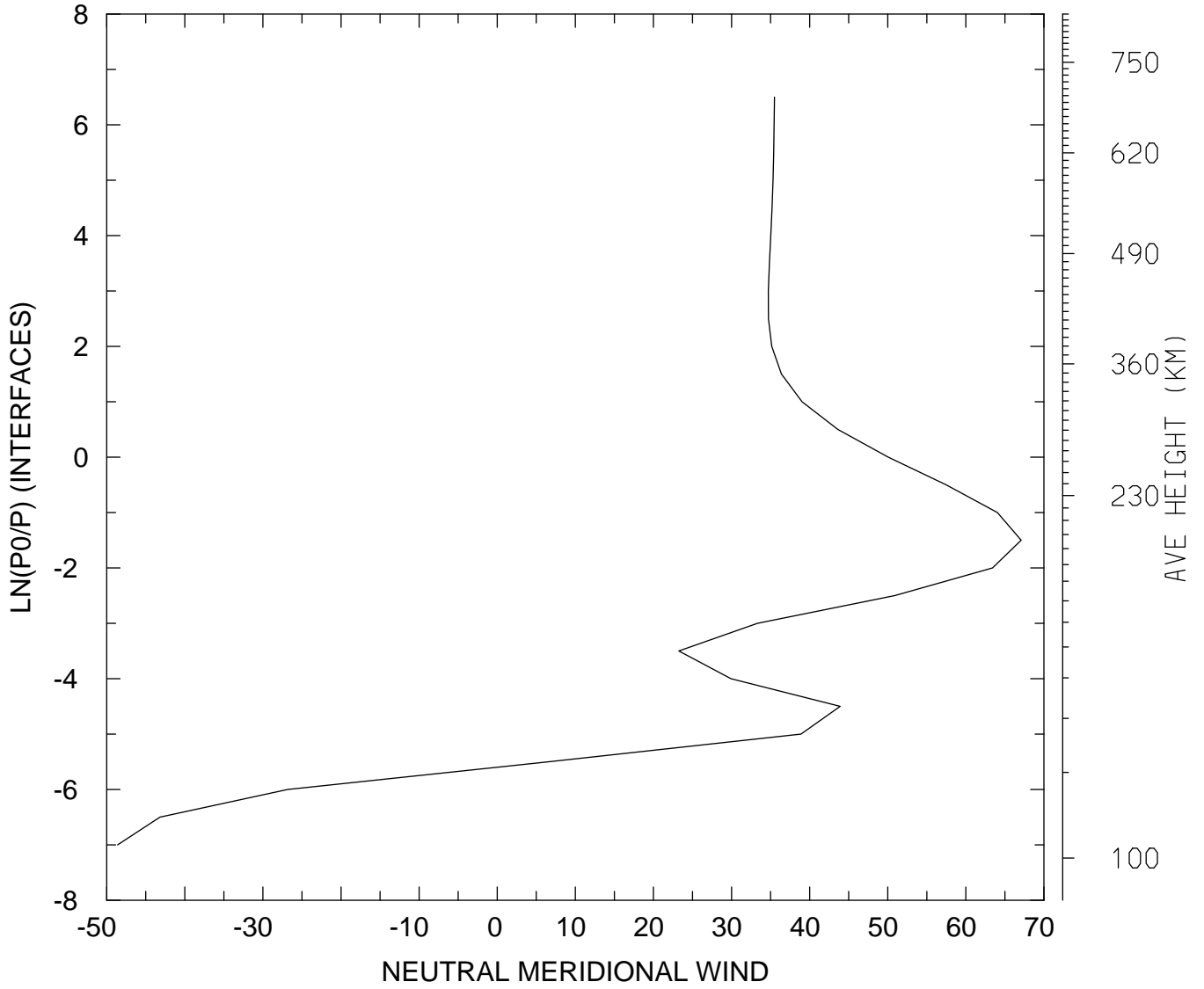
MIN,MAX= -3.4705E+00 1.9833E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



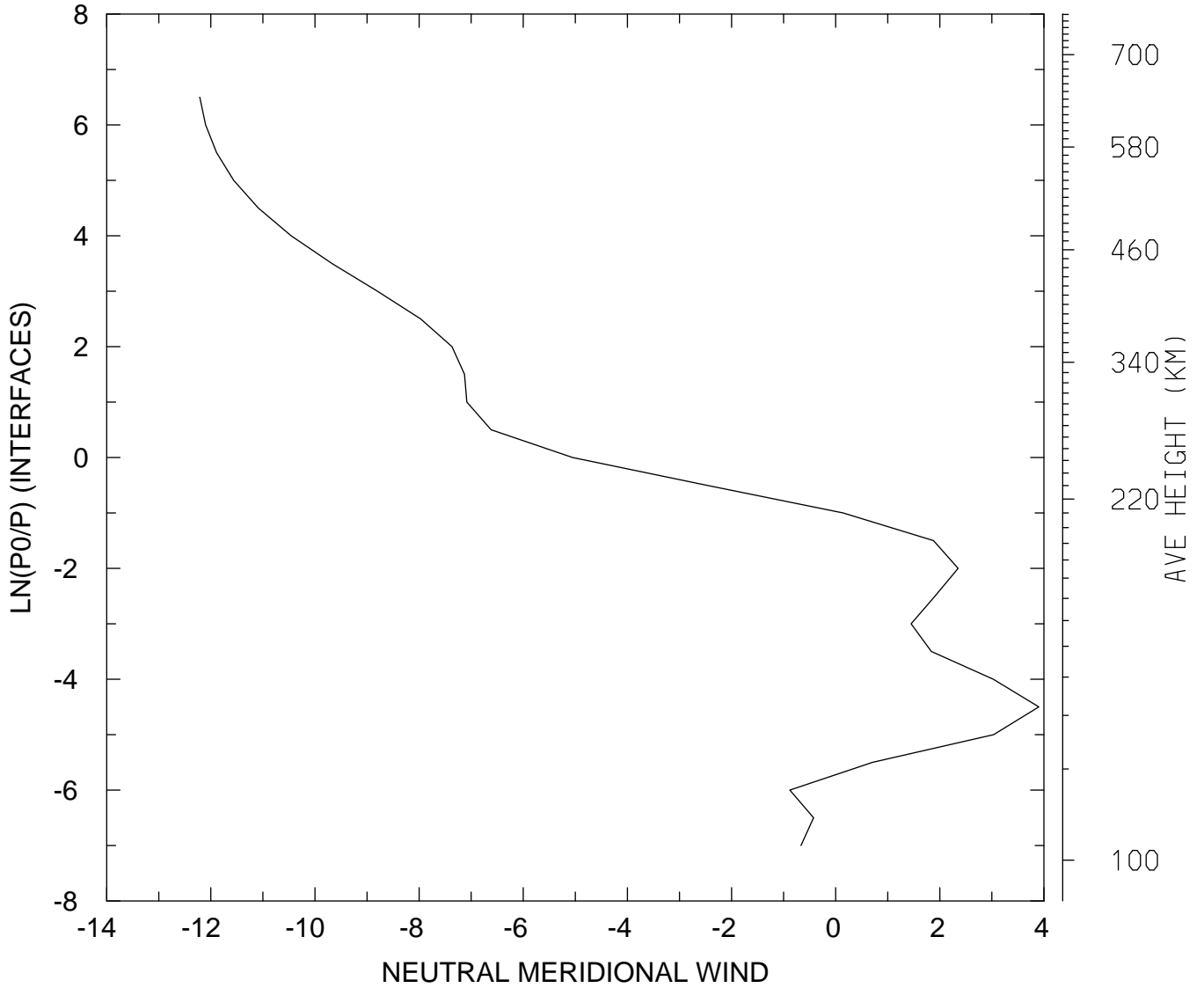
MIN,MAX= -6.8911E+01 1.5756E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



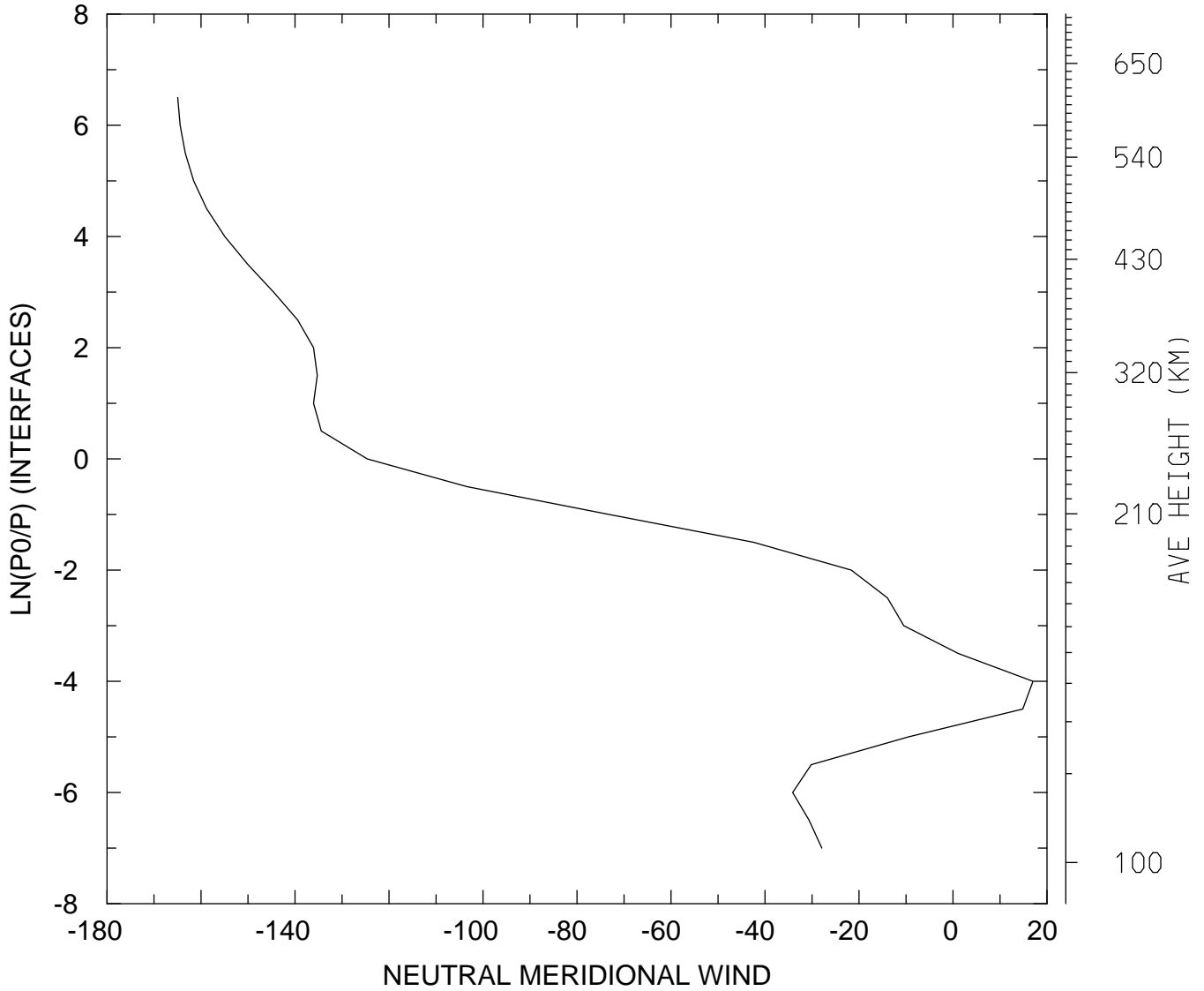
MIN,MAX= -4.8604E+01 6.7083E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



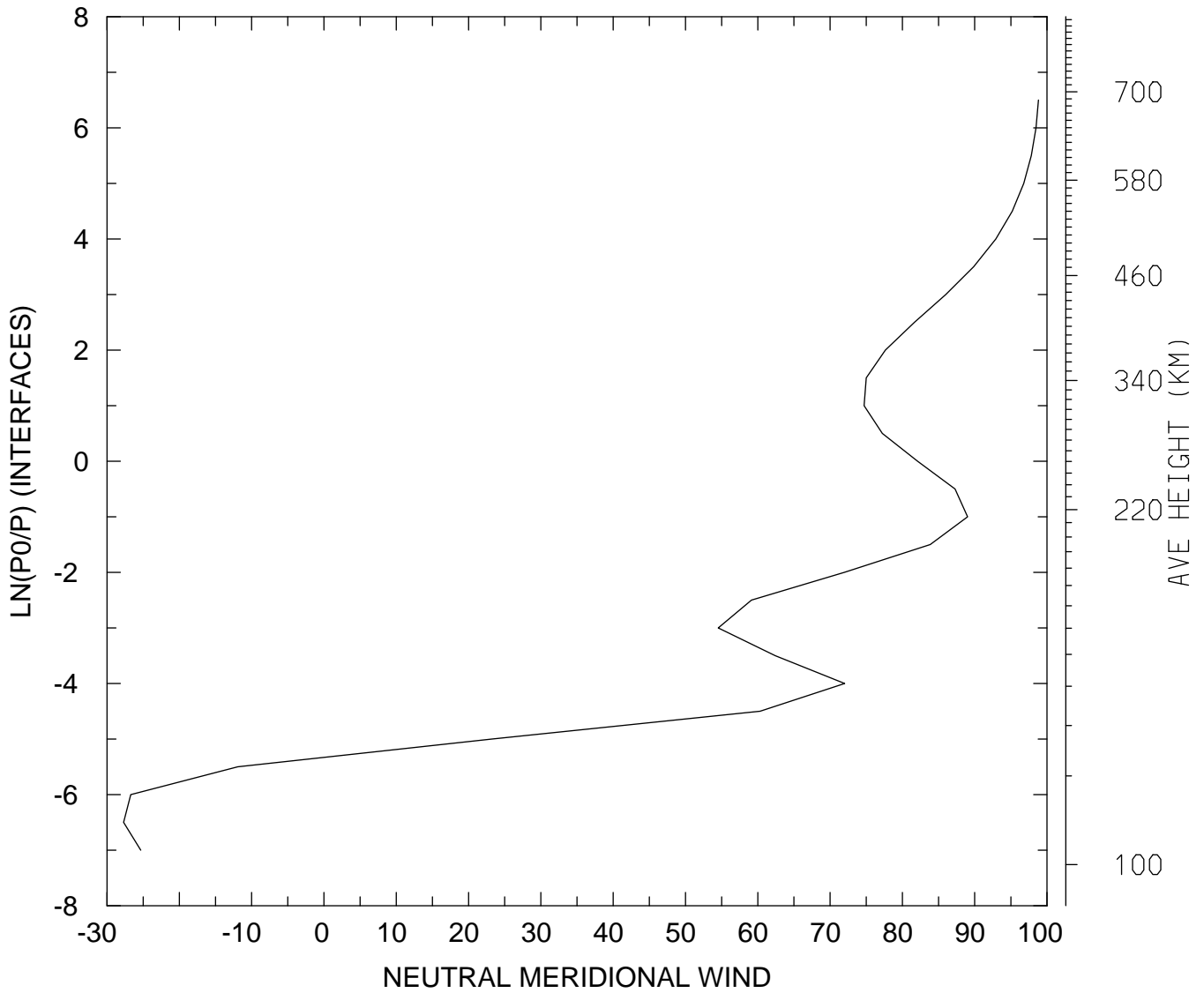
MIN,MAX= -1.2214E+01 3.9012E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



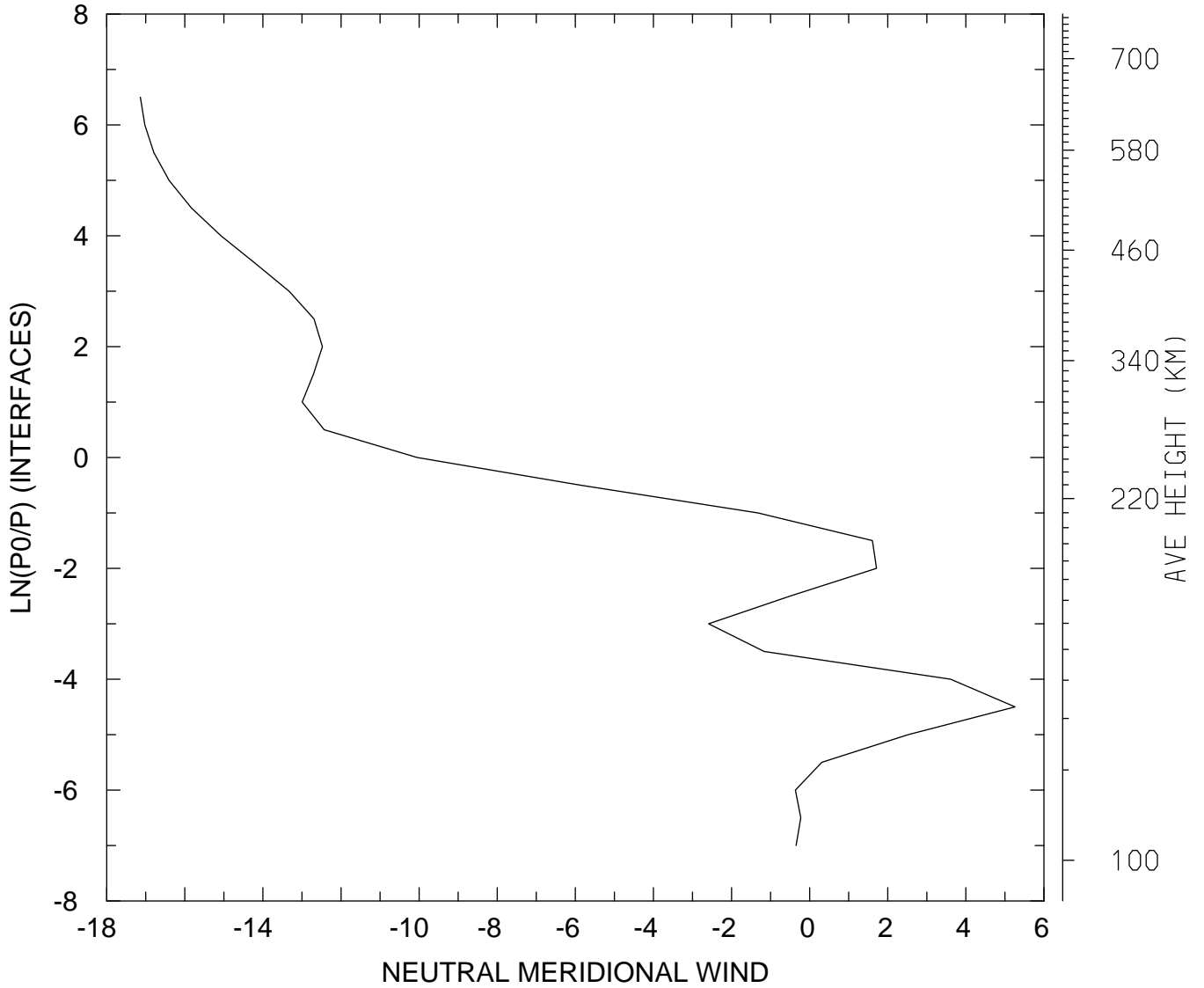
MIN,MAX= -1.6496E+02 1.7018E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



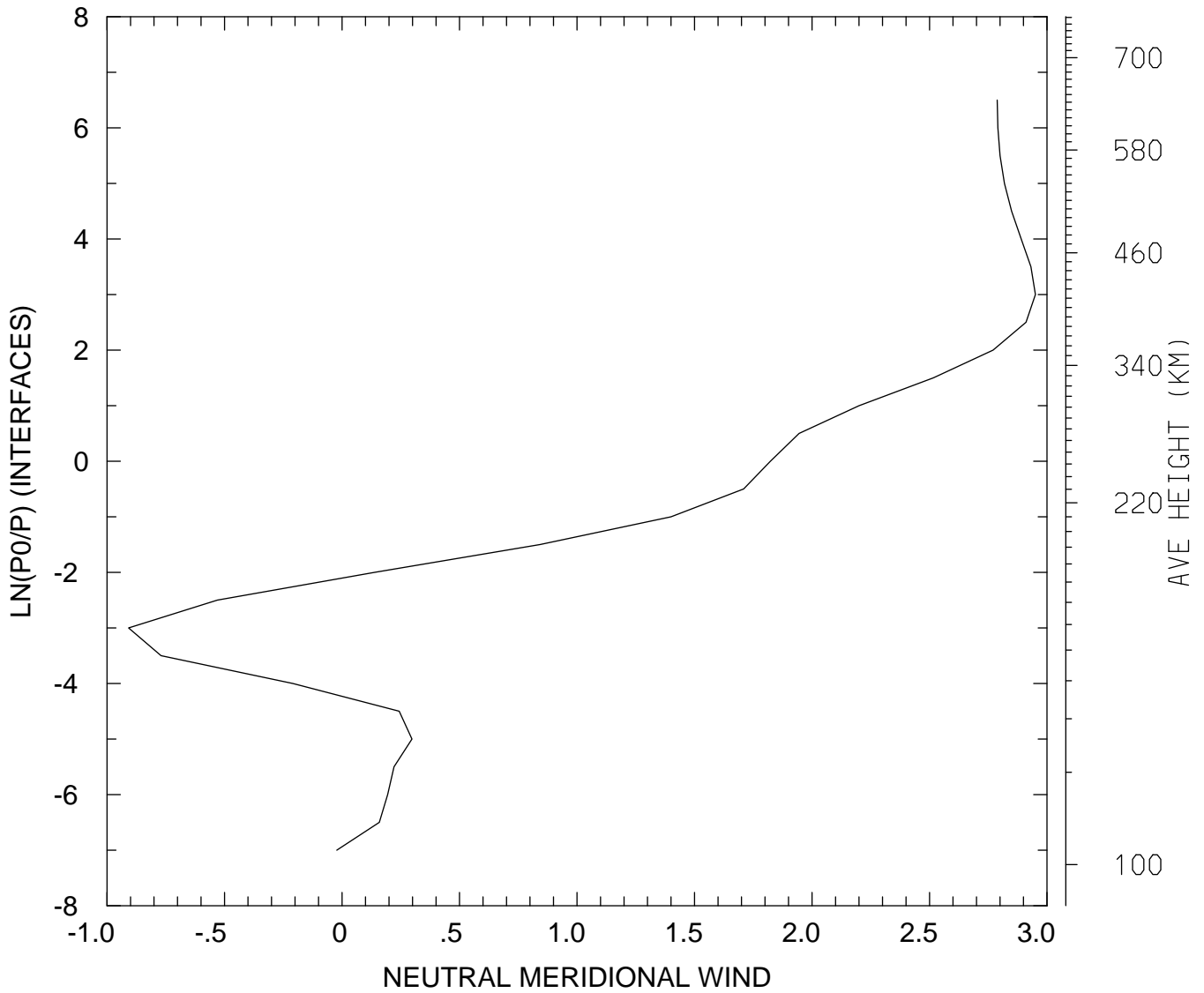
MIN,MAX= -2.7711E+01 9.8820E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= -1.7138E+01 5.2606E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

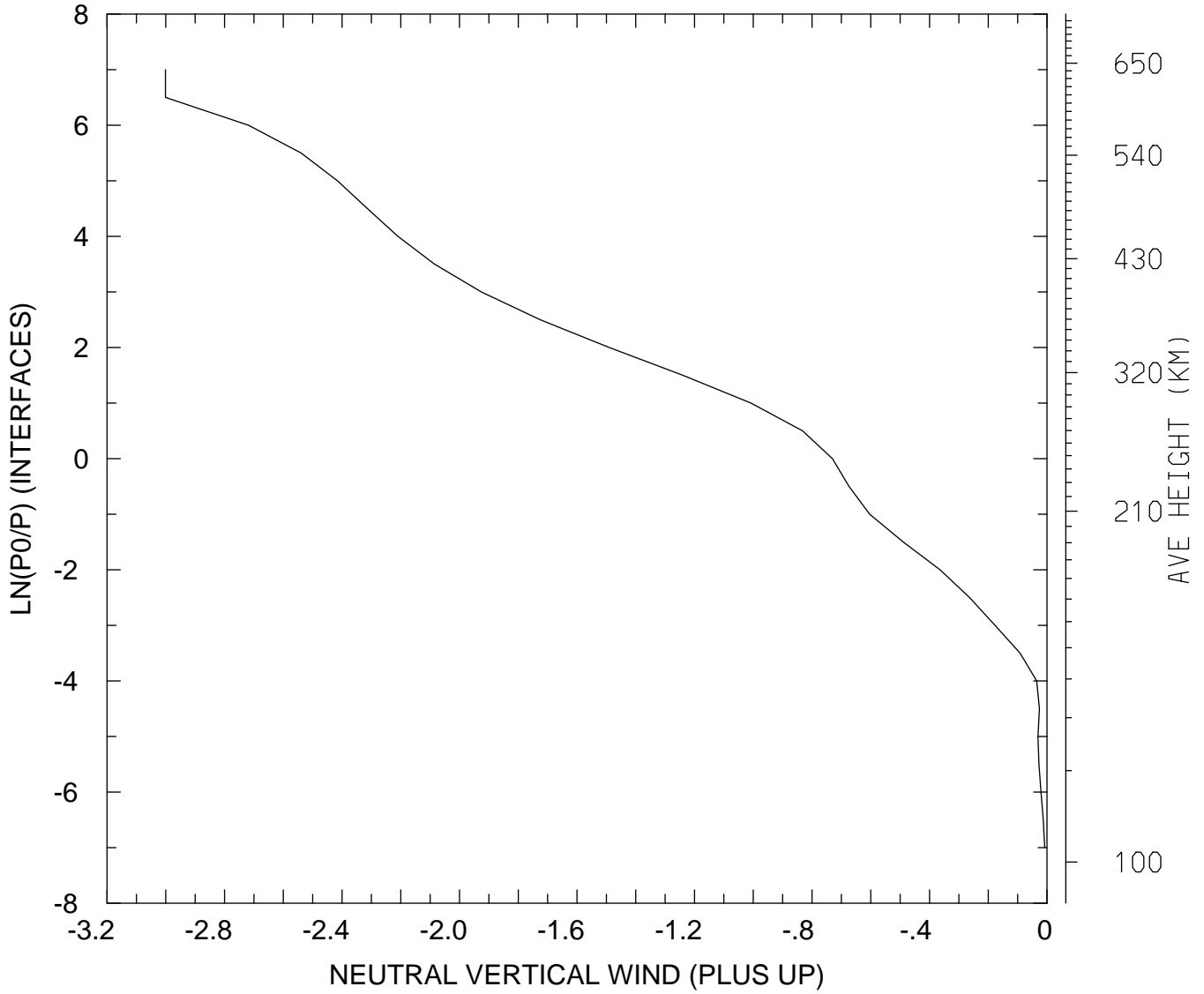
NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 GLOBAL MEANS



MIN,MAX= -9.0834E-01 2.9507E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

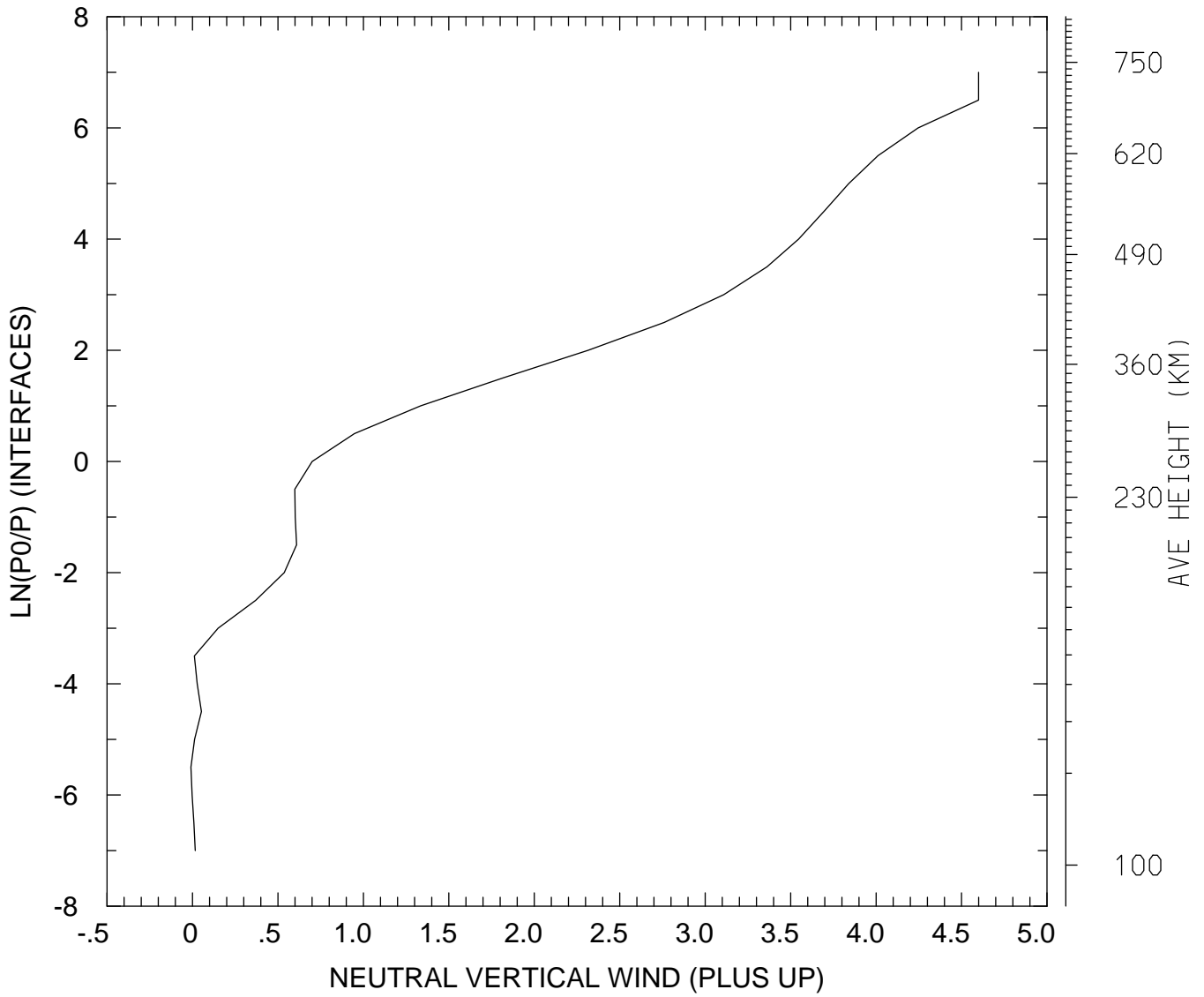


NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



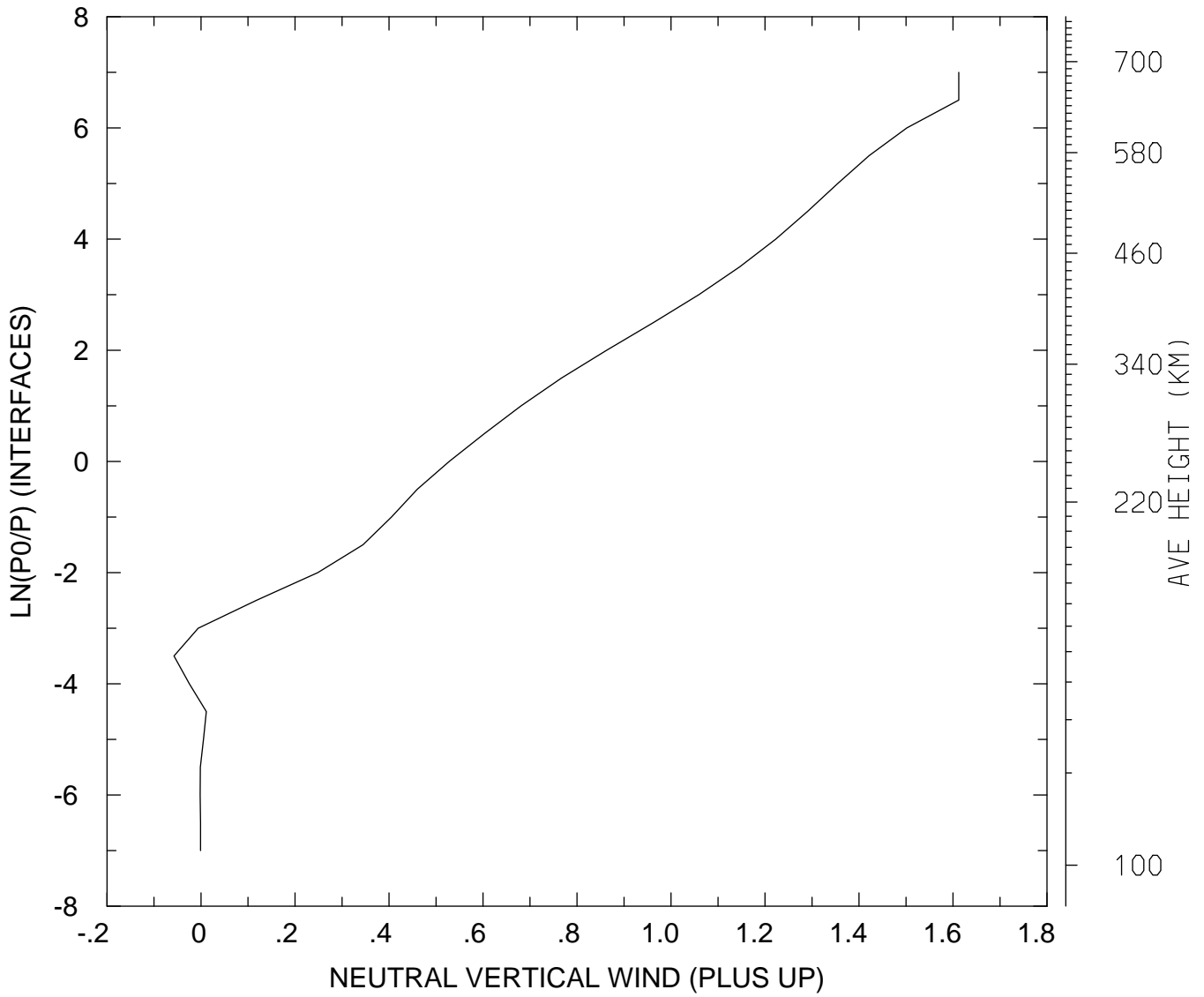
MIN,MAX= -3.0012E+00 -7.6991E-03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



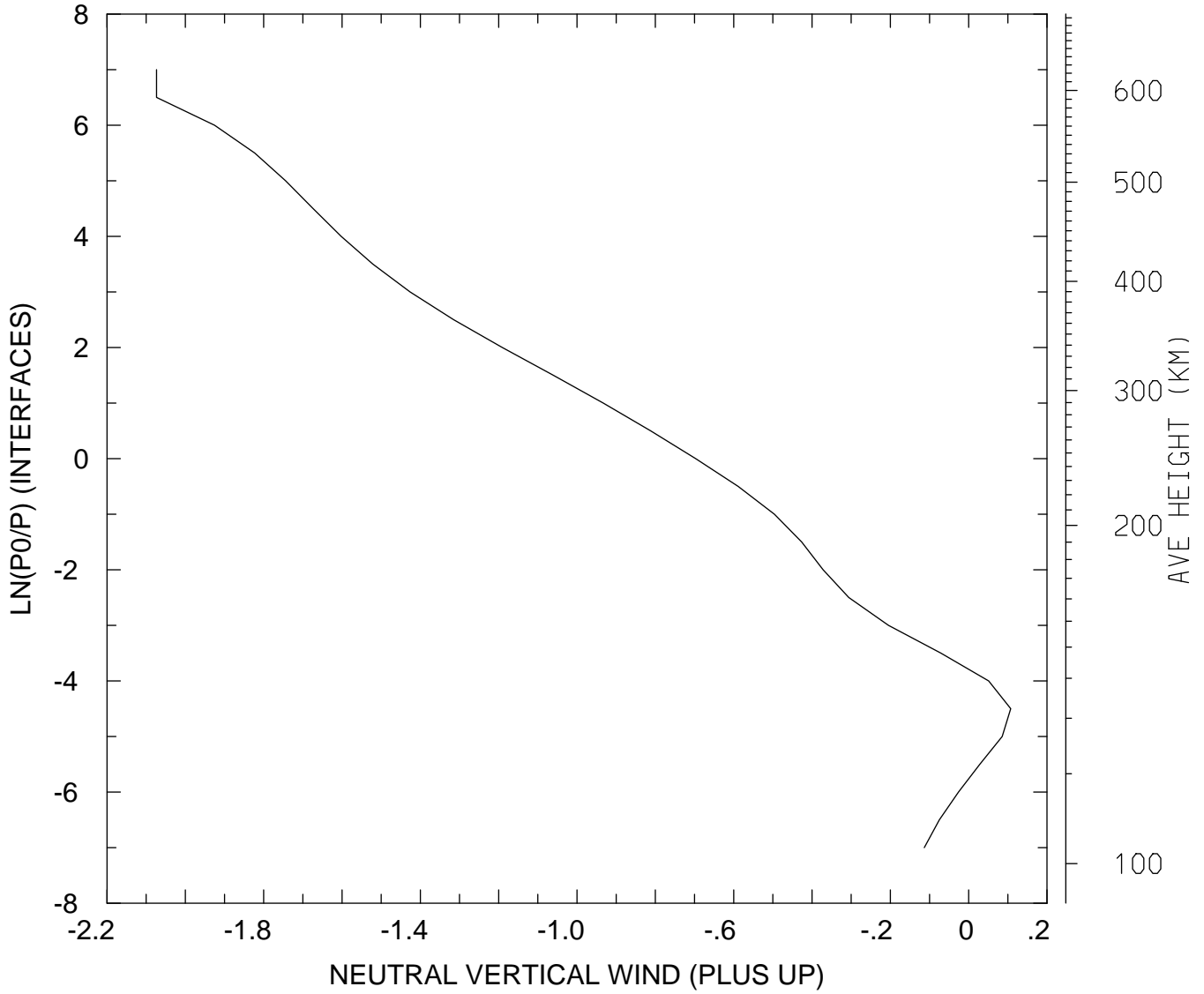
MIN,MAX= -8.7866E-03 4.5995E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



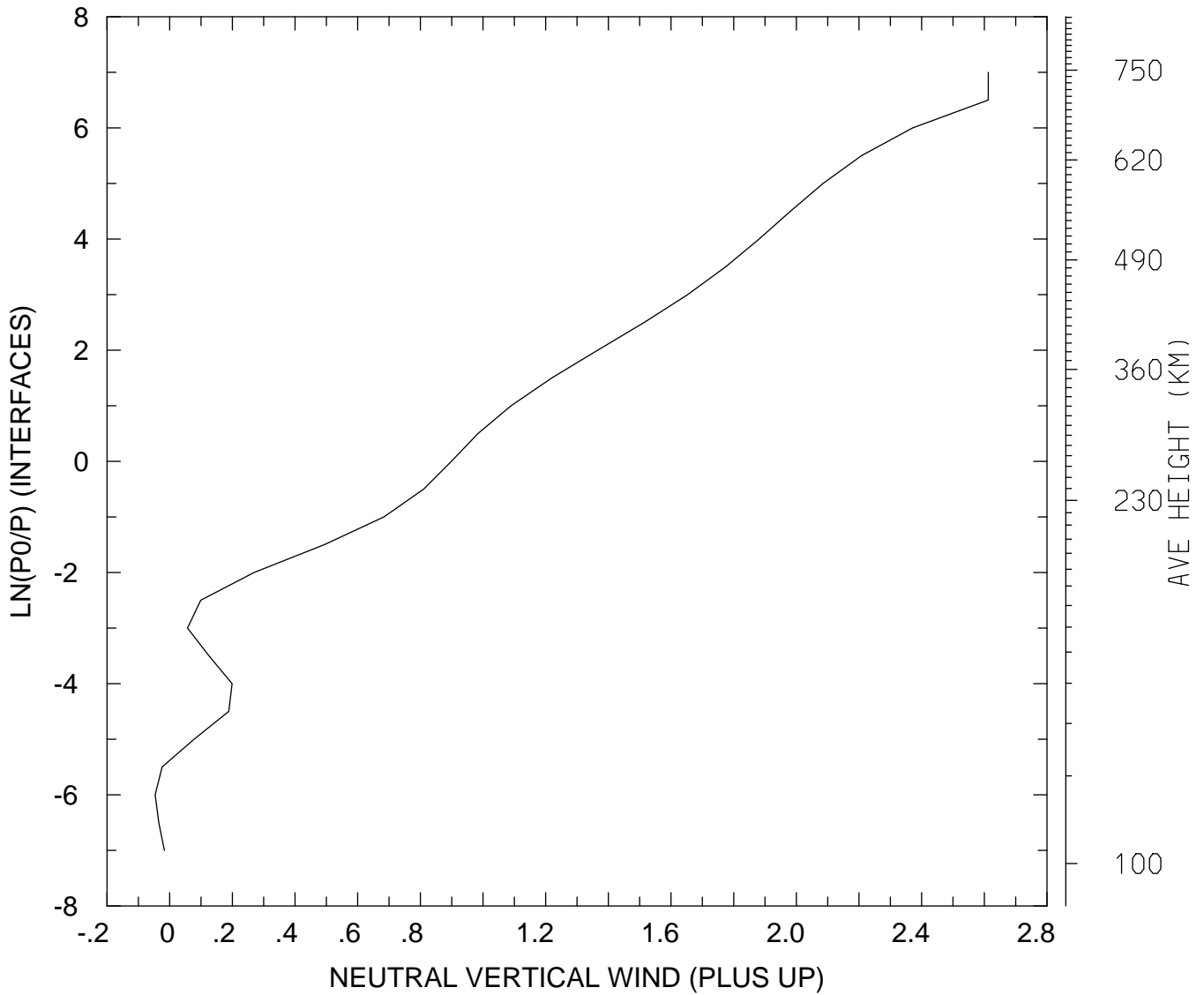
MIN,MAX= -5.7490E-02 1.6123E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



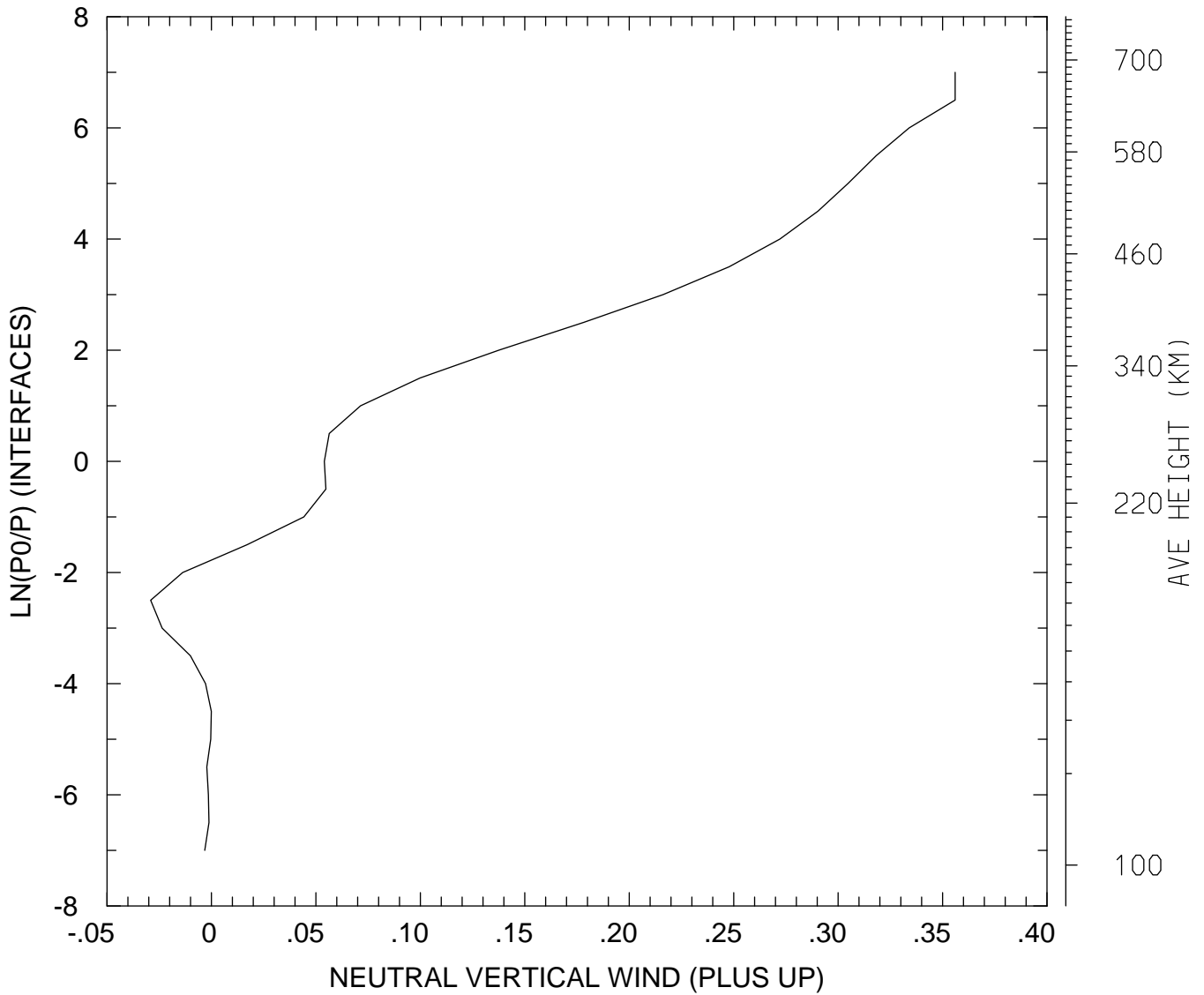
MIN,MAX= -2.0736E+00 1.0727E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



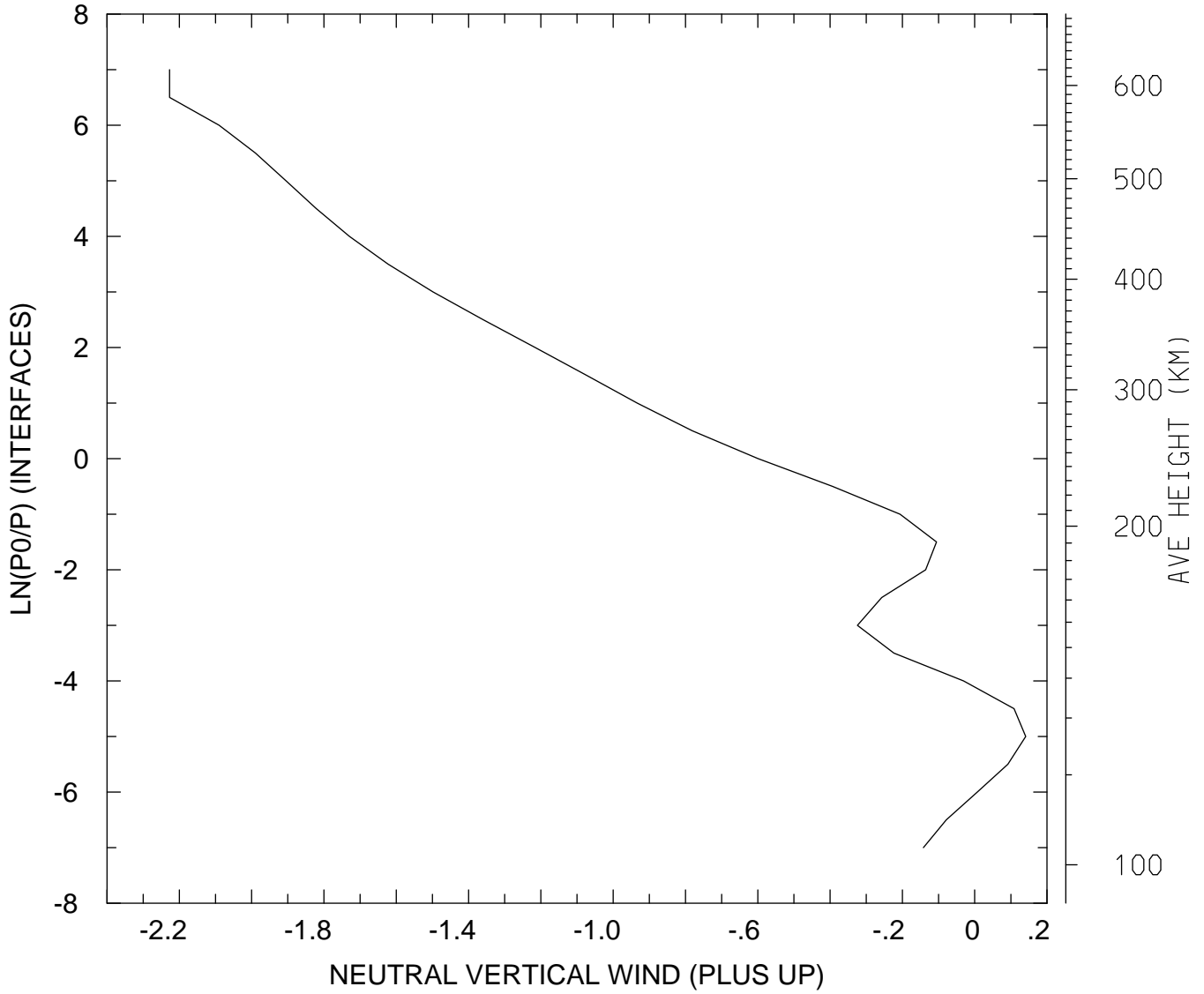
MIN,MAX= -4.6364E-02 2.6123E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



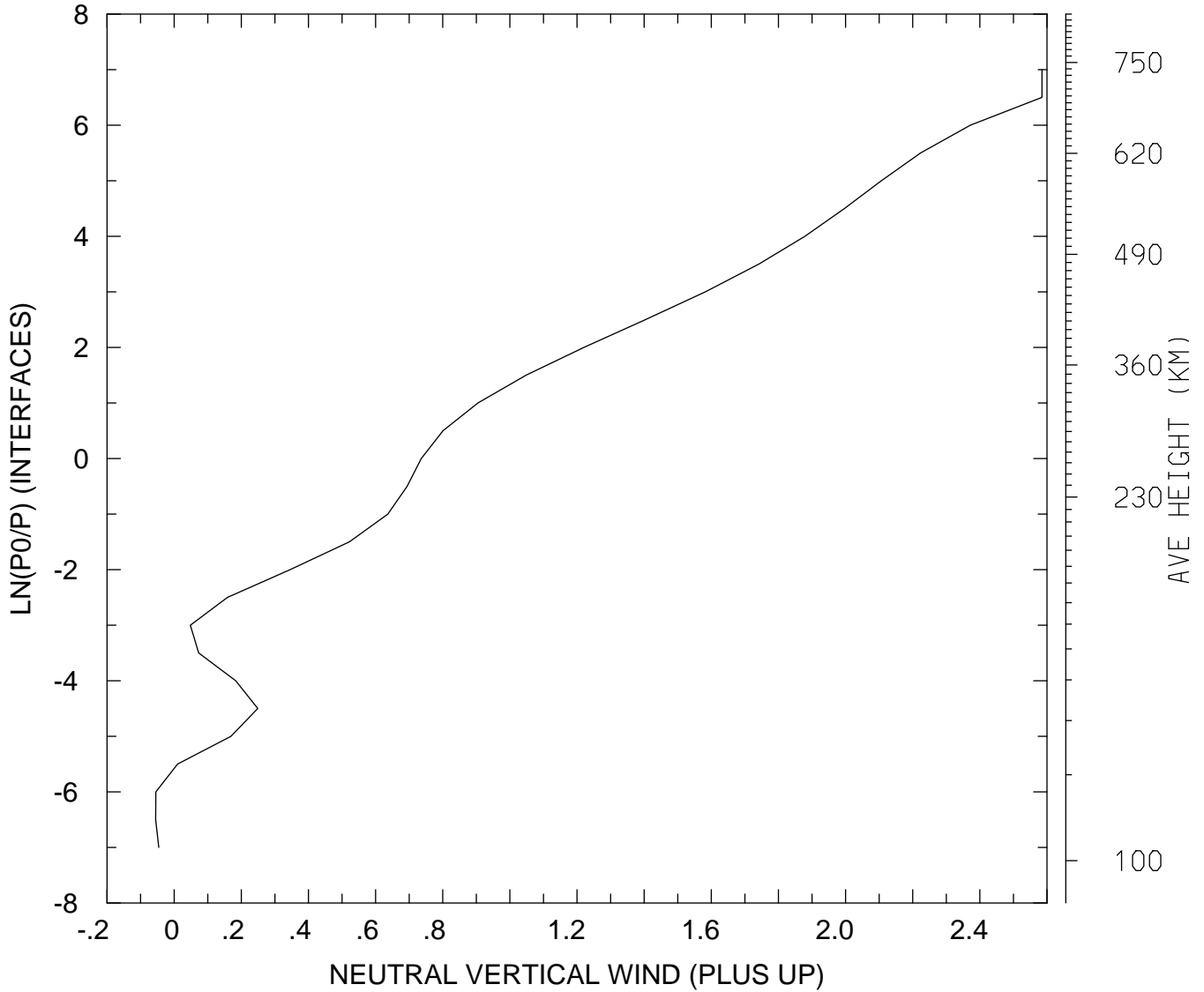
MIN,MAX= -2.9105E-02 3.5602E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= -2.2271E+00 1.4105E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

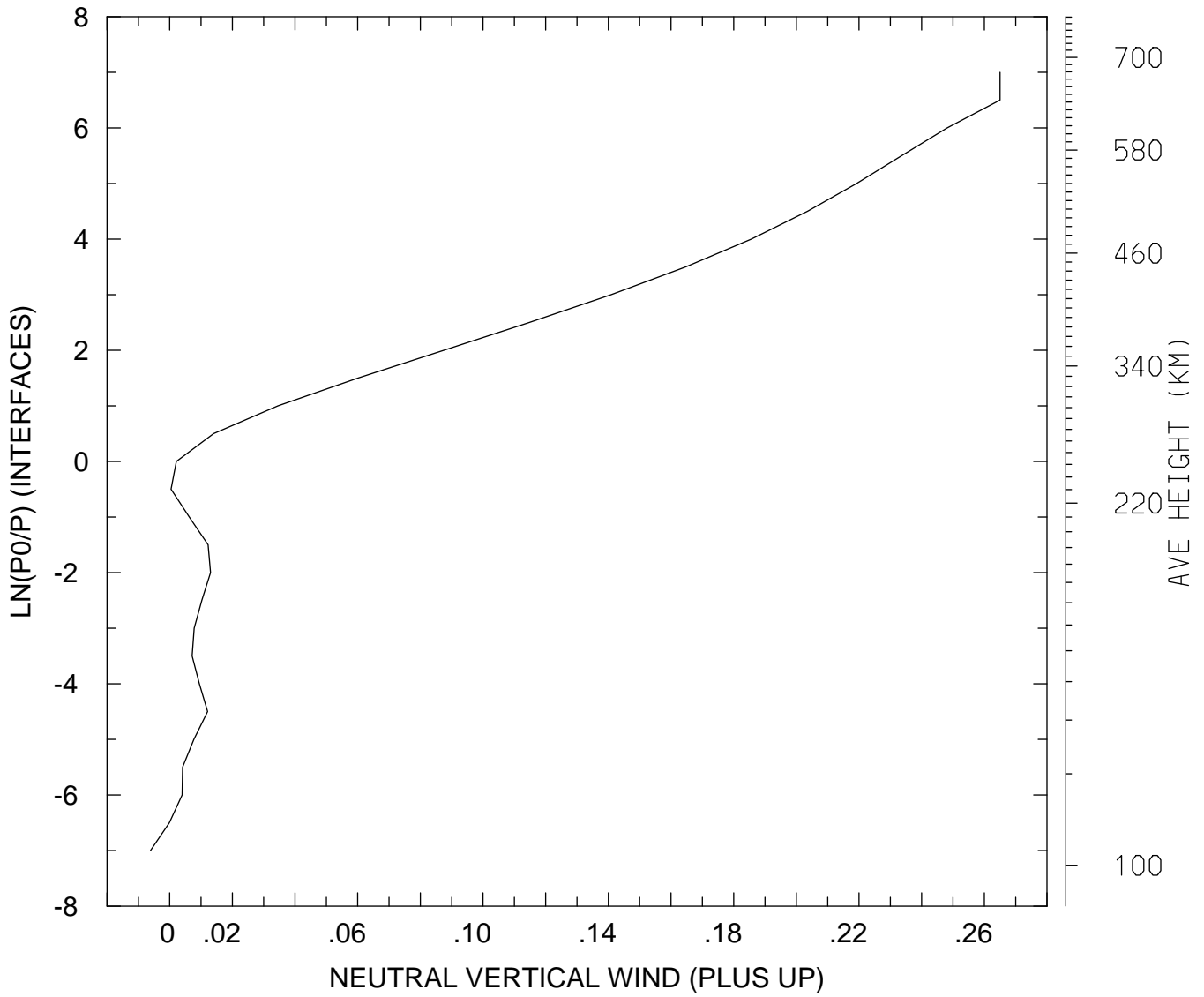
NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS)



MIN,MAX= -5.5238E-02 2.5850E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

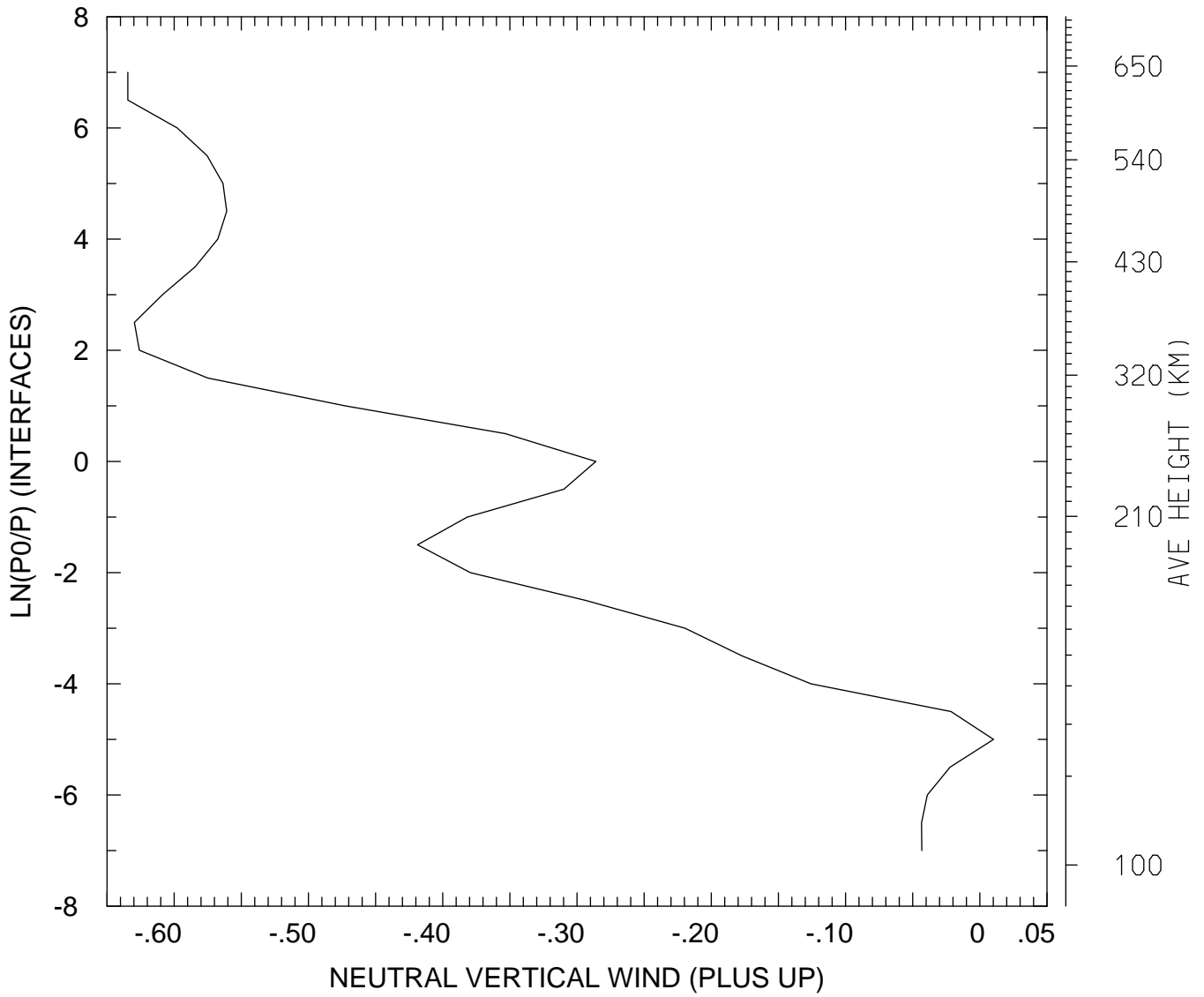


NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



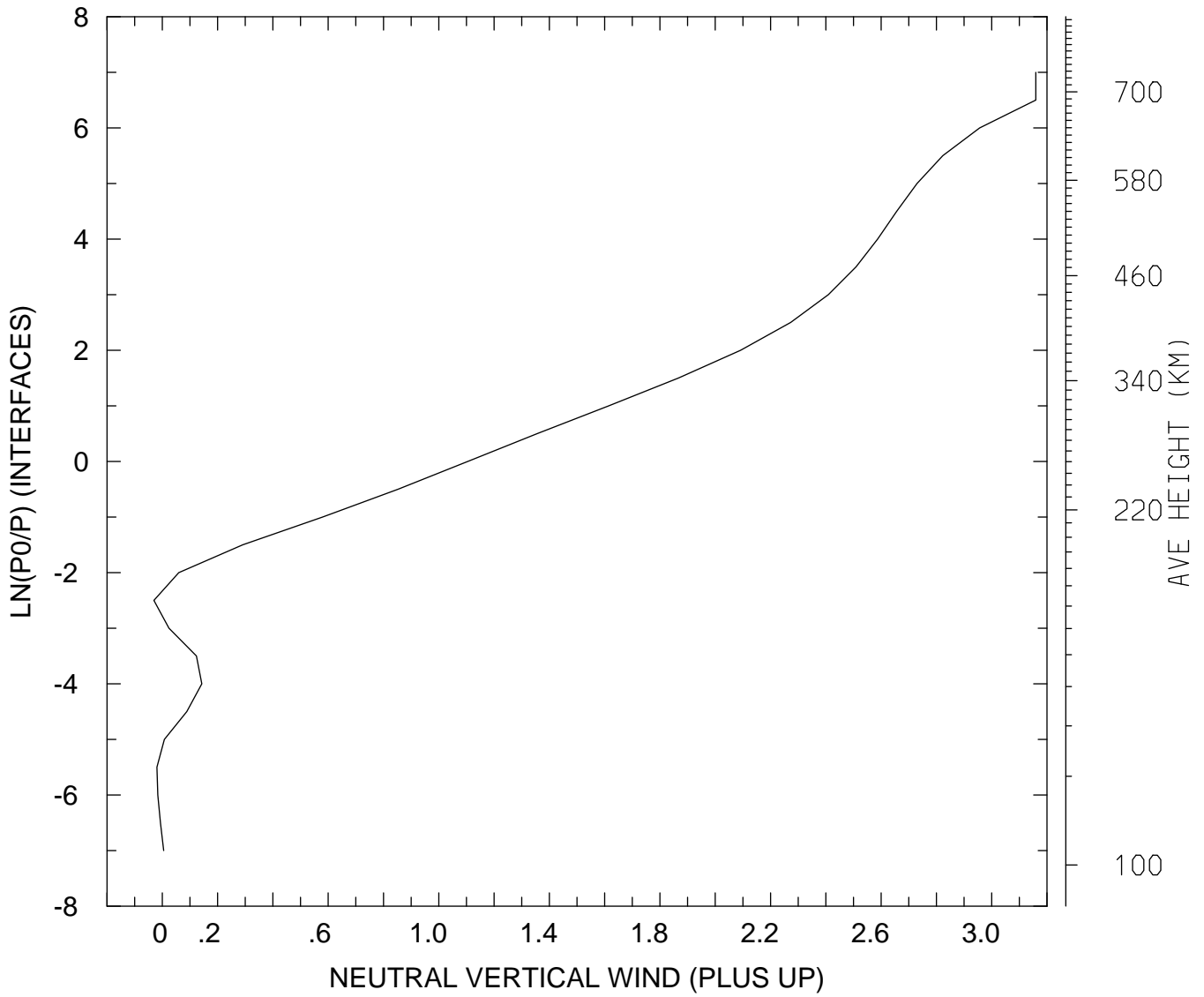
MIN,MAX= -6.1457E-03 2.6501E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



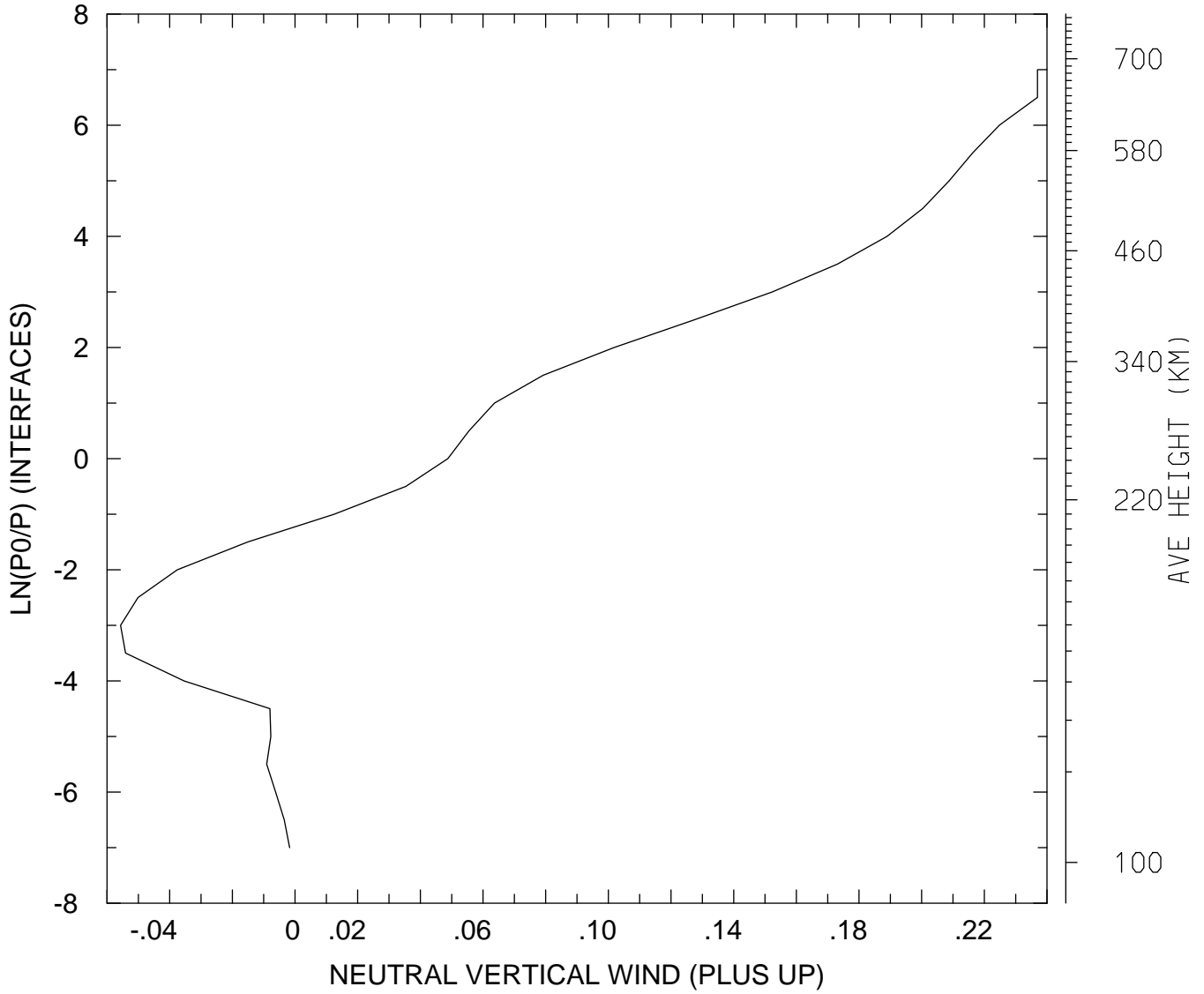
MIN,MAX= -6.3455E-01 1.0209E-02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



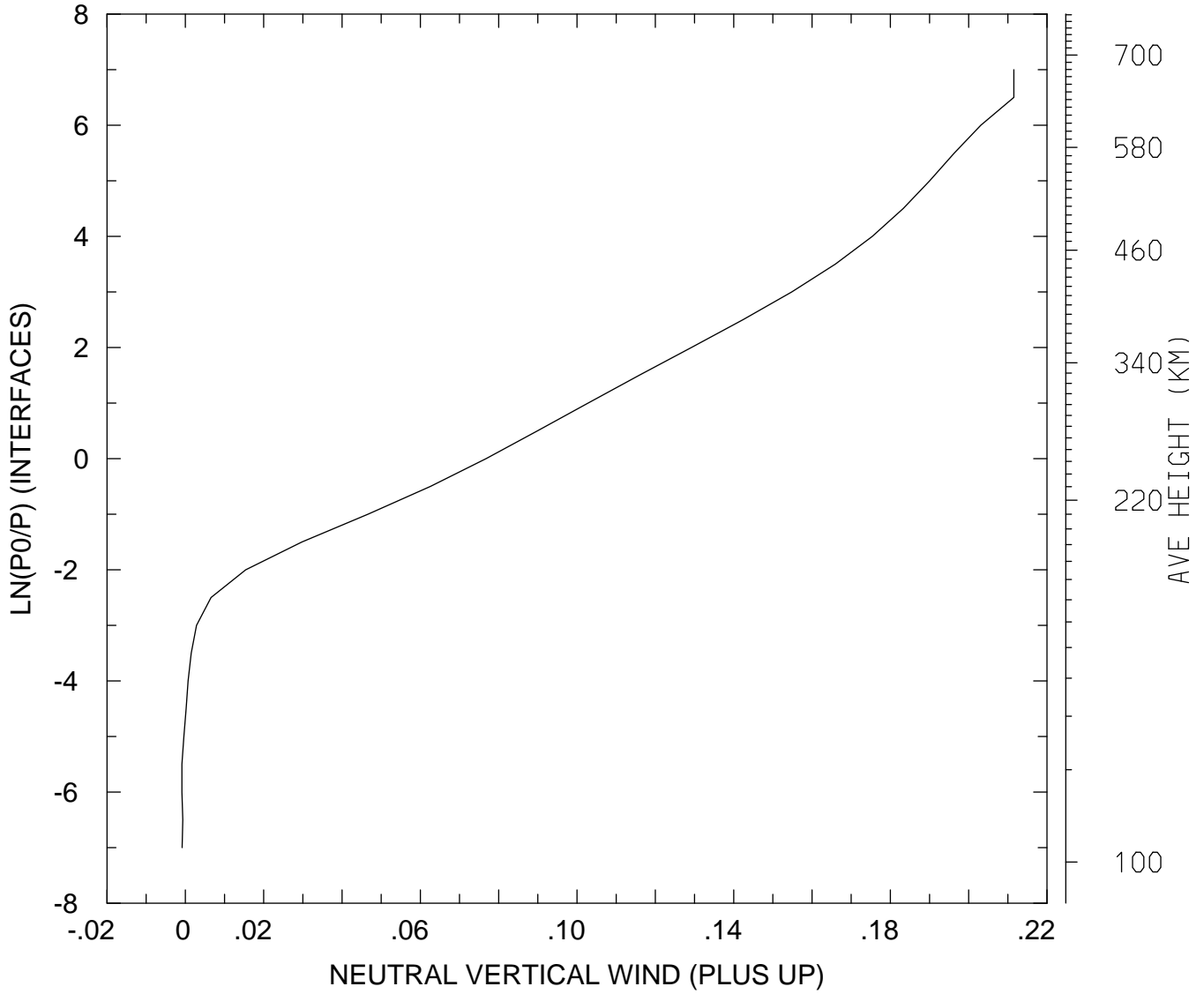
MIN,MAX= -3.0555E-02 3.1595E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



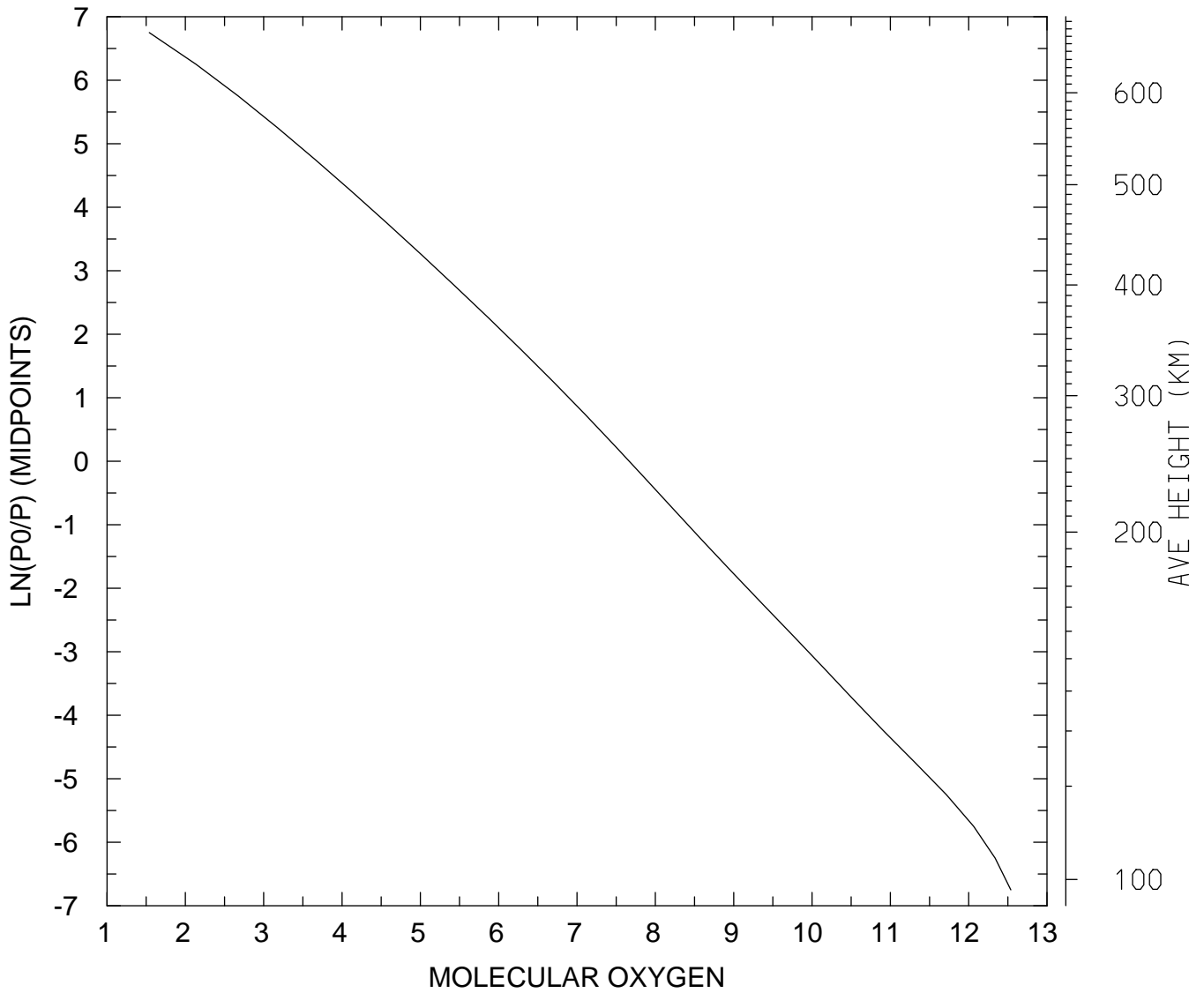
MIN,MAX= -5.5666E-02 2.3696E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



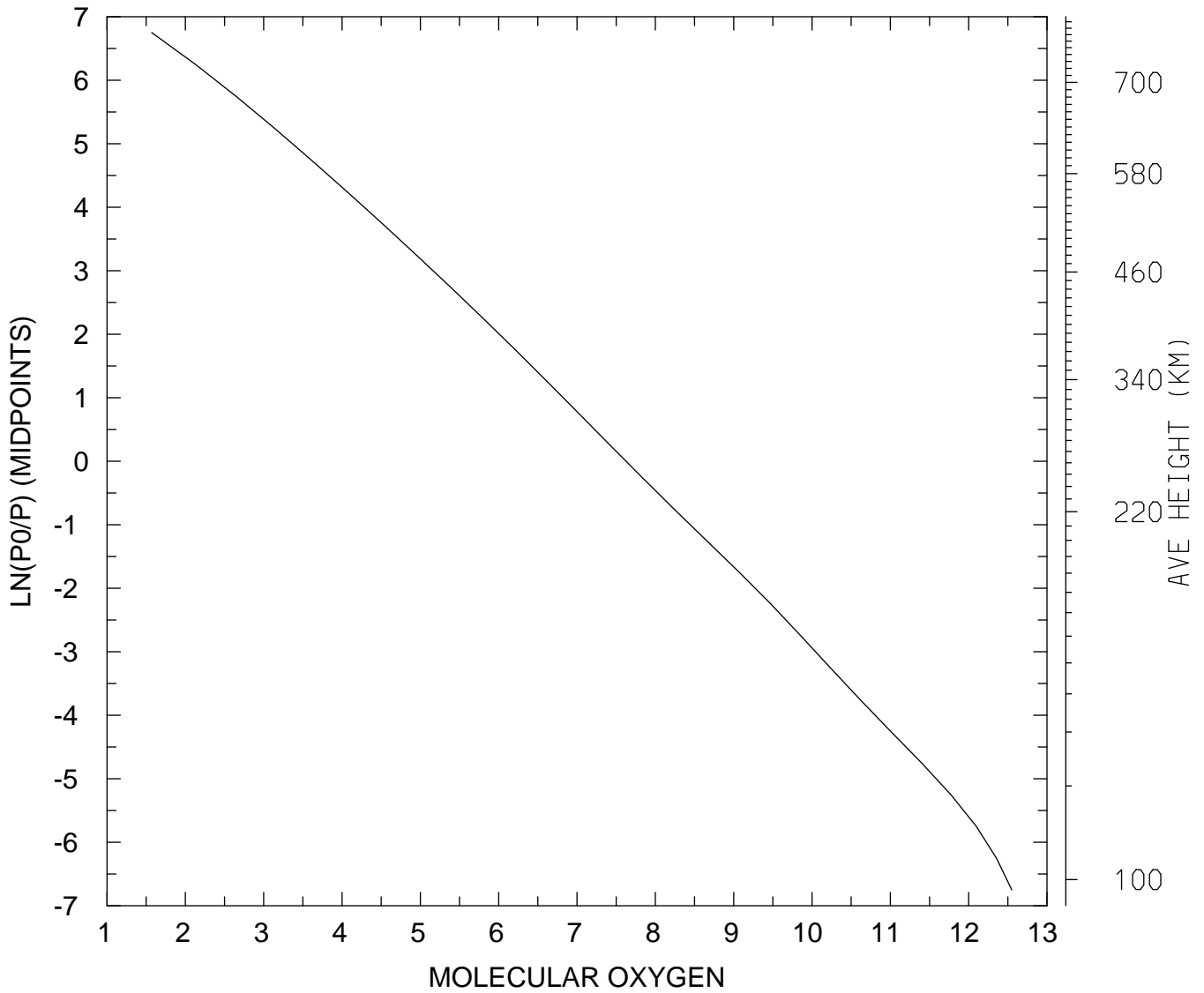
MIN,MAX= -8.7701E-04 2.1152E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



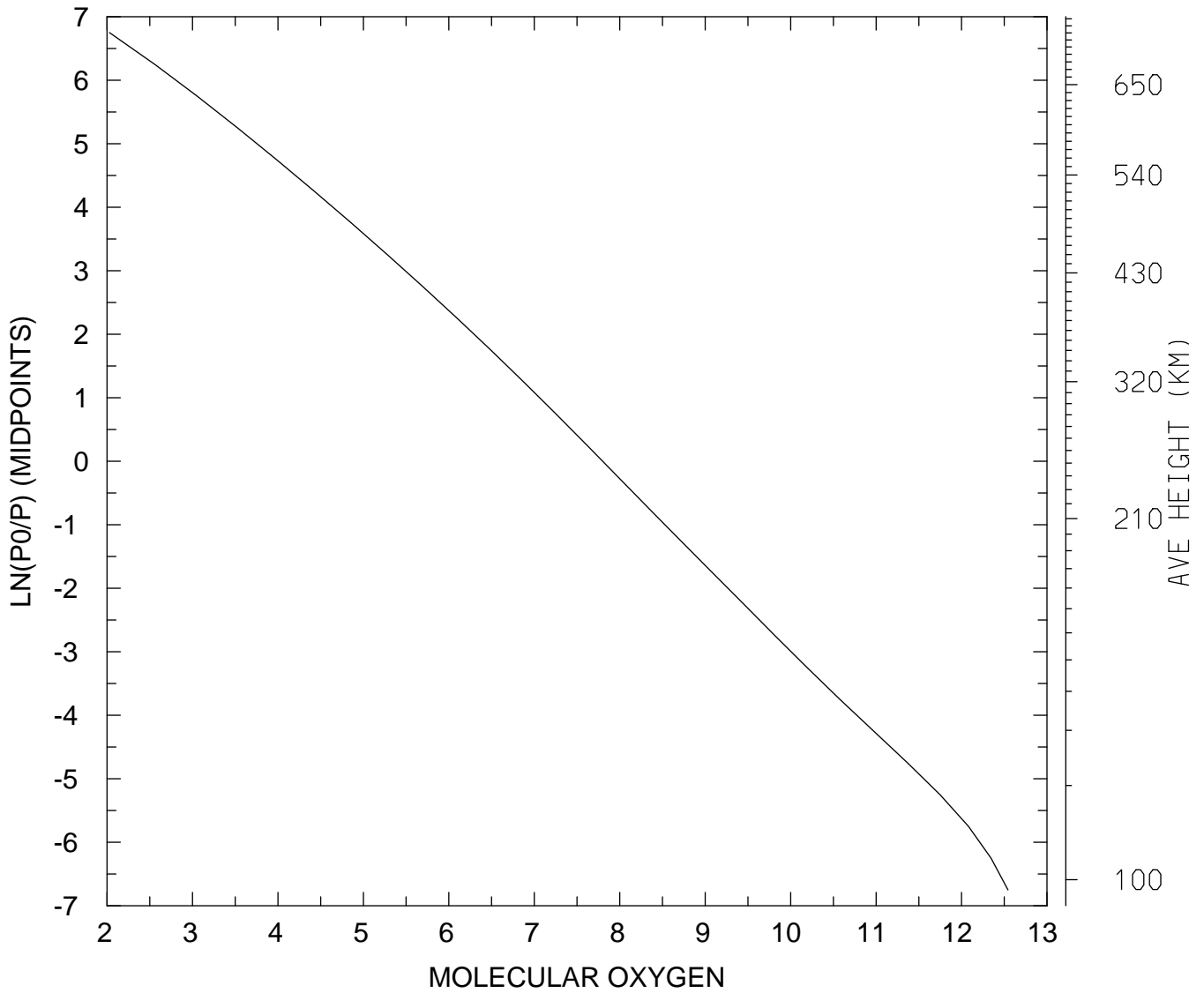
MIN,MAX= 3.4618E+01 3.4464E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 3.7211E+01 3.5575E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

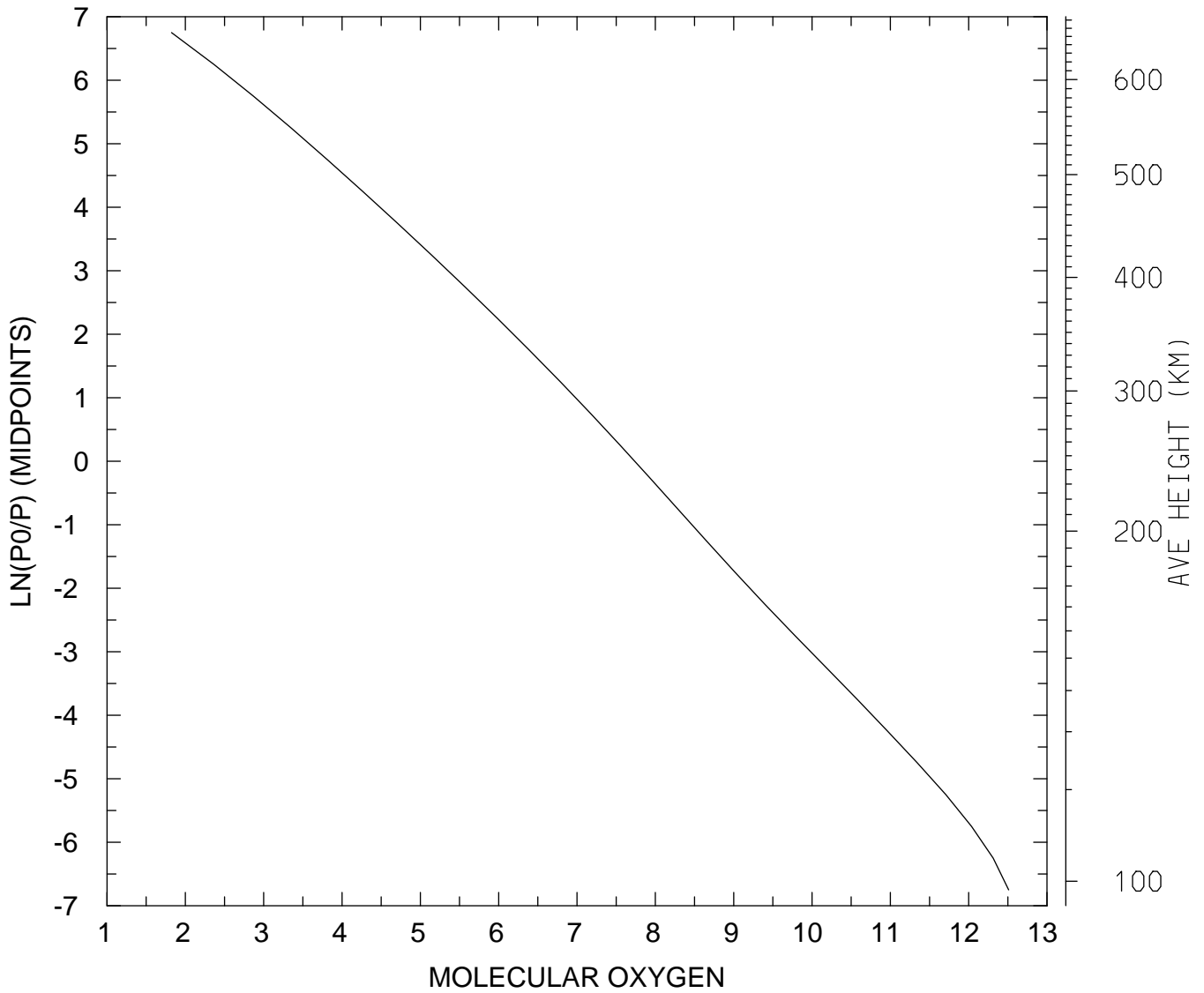
LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



MIN,MAX= 1.0690E+02 3.4952E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

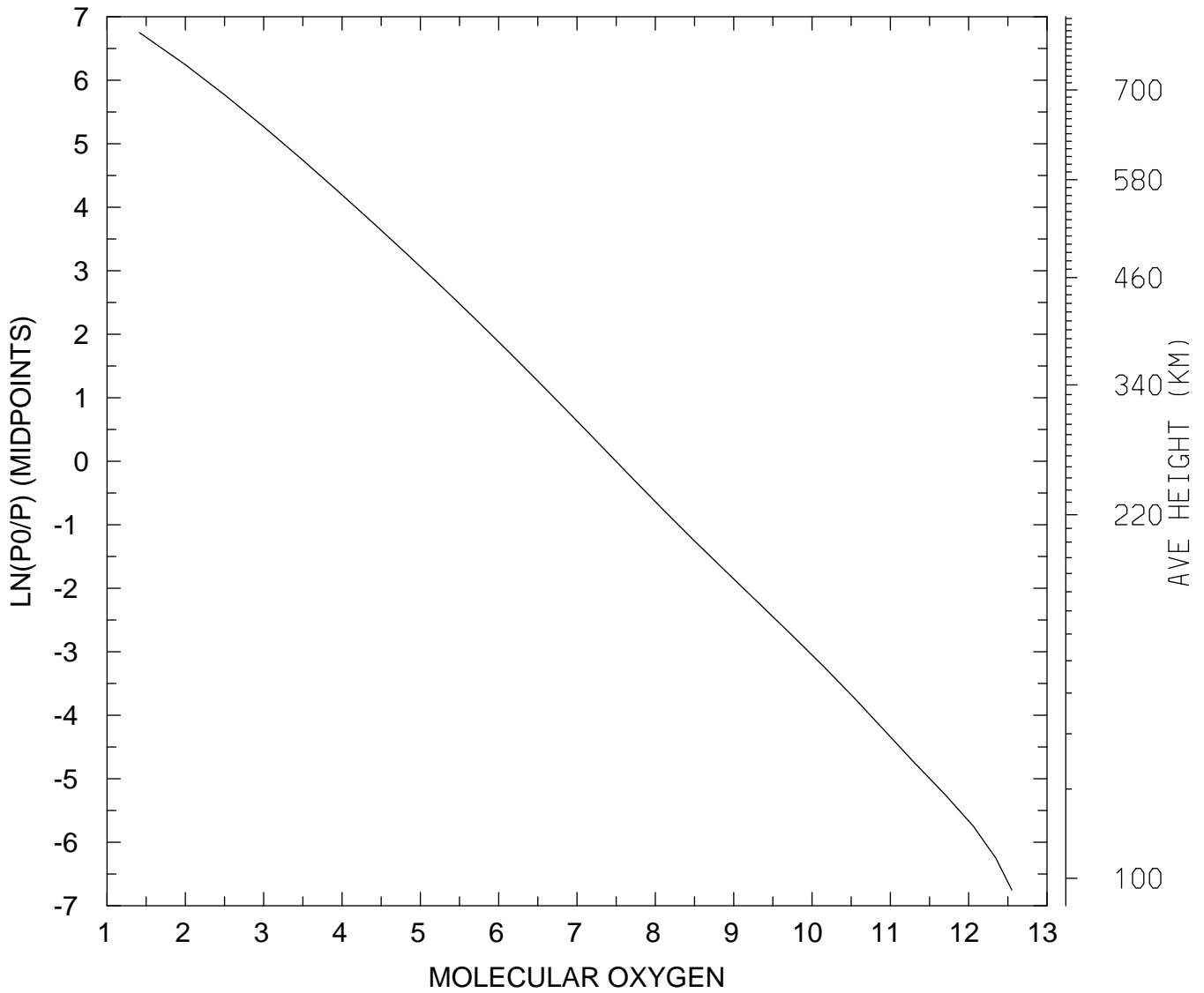


LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



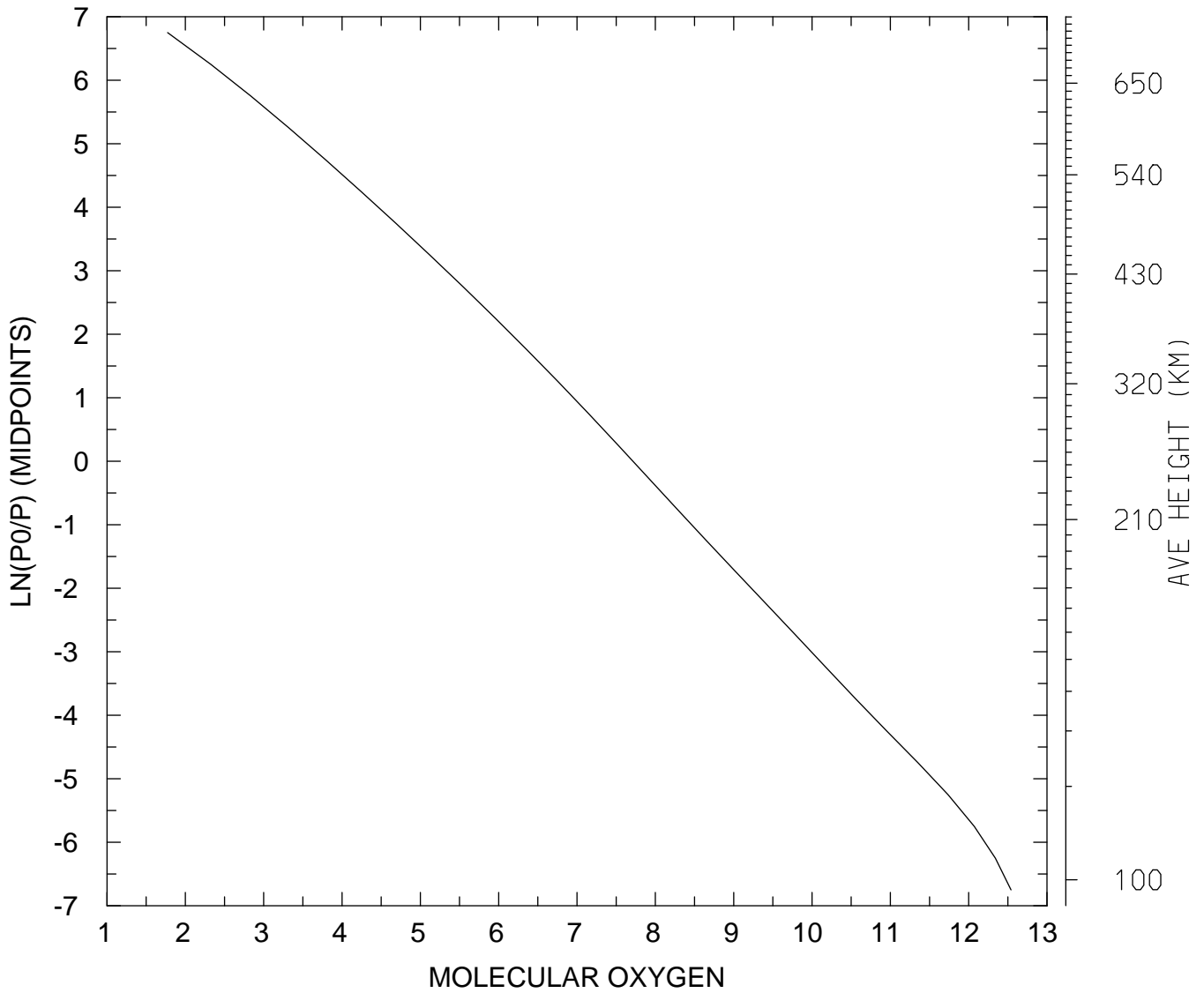
MIN,MAX= 6.6654E+01 3.2392E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



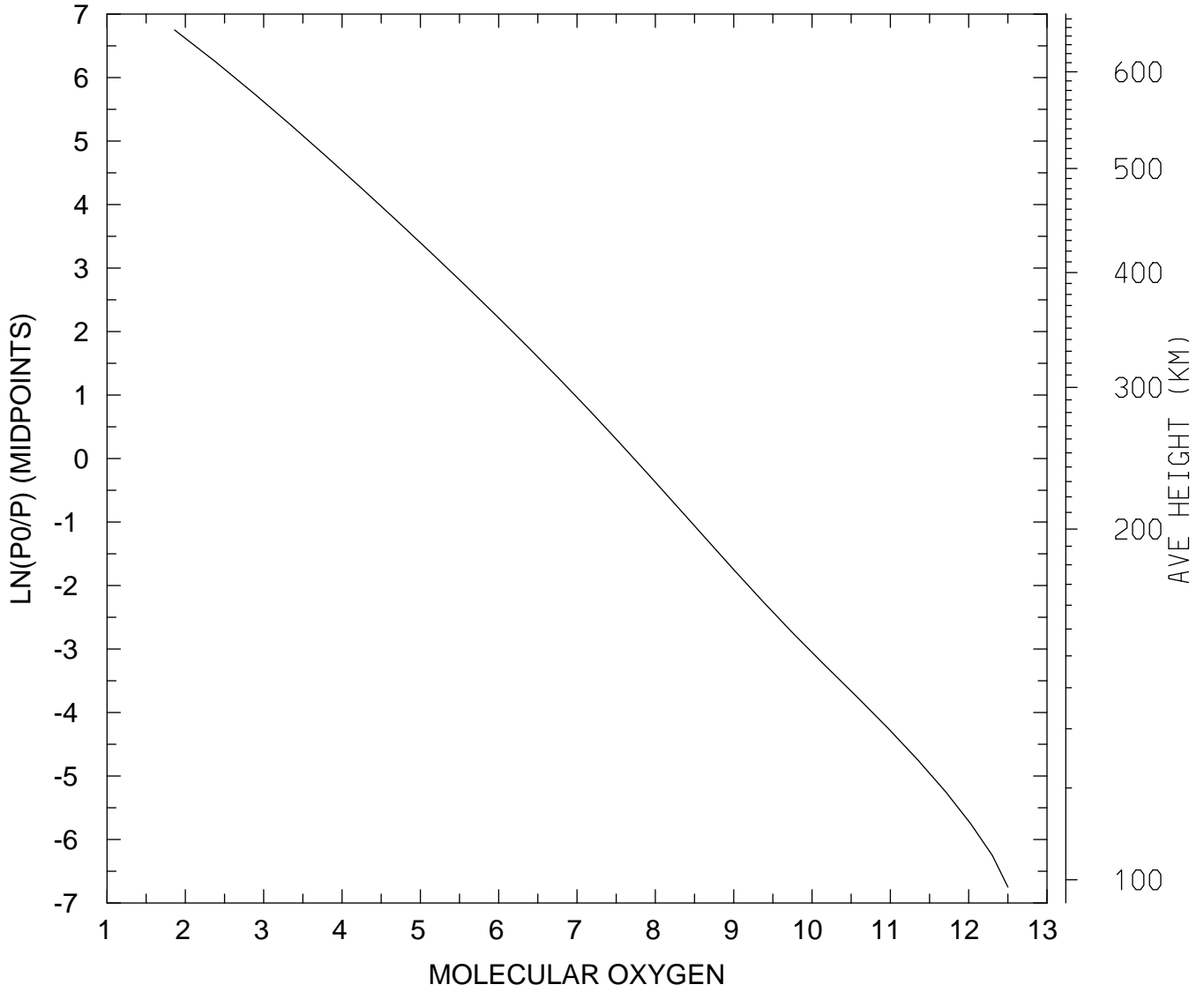
MIN,MAX= 2.5923E+01 3.5547E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



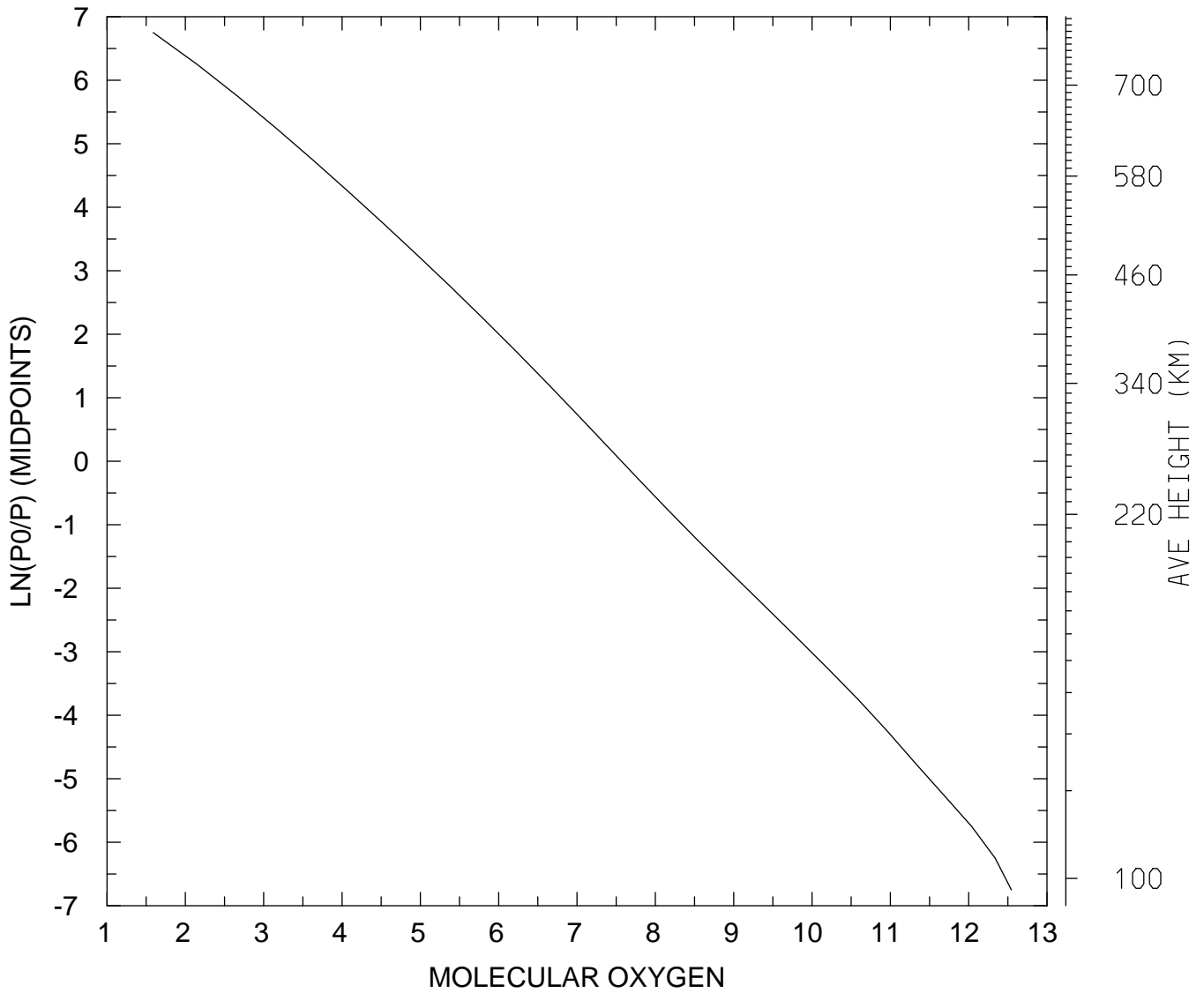
MIN,MAX= 5.9279E+01 3.4766E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



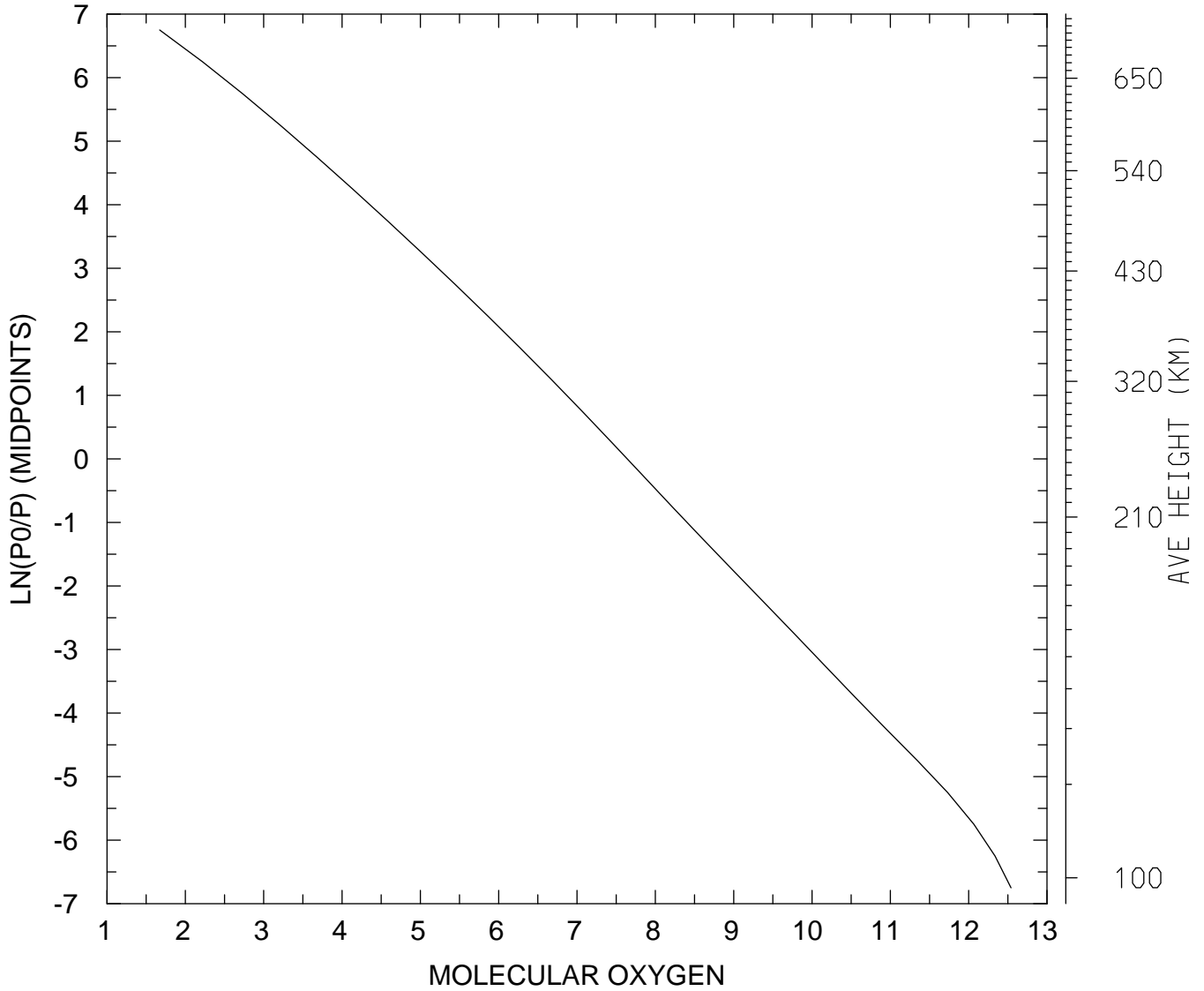
MIN,MAX= 7.2900E+01 3.1754E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



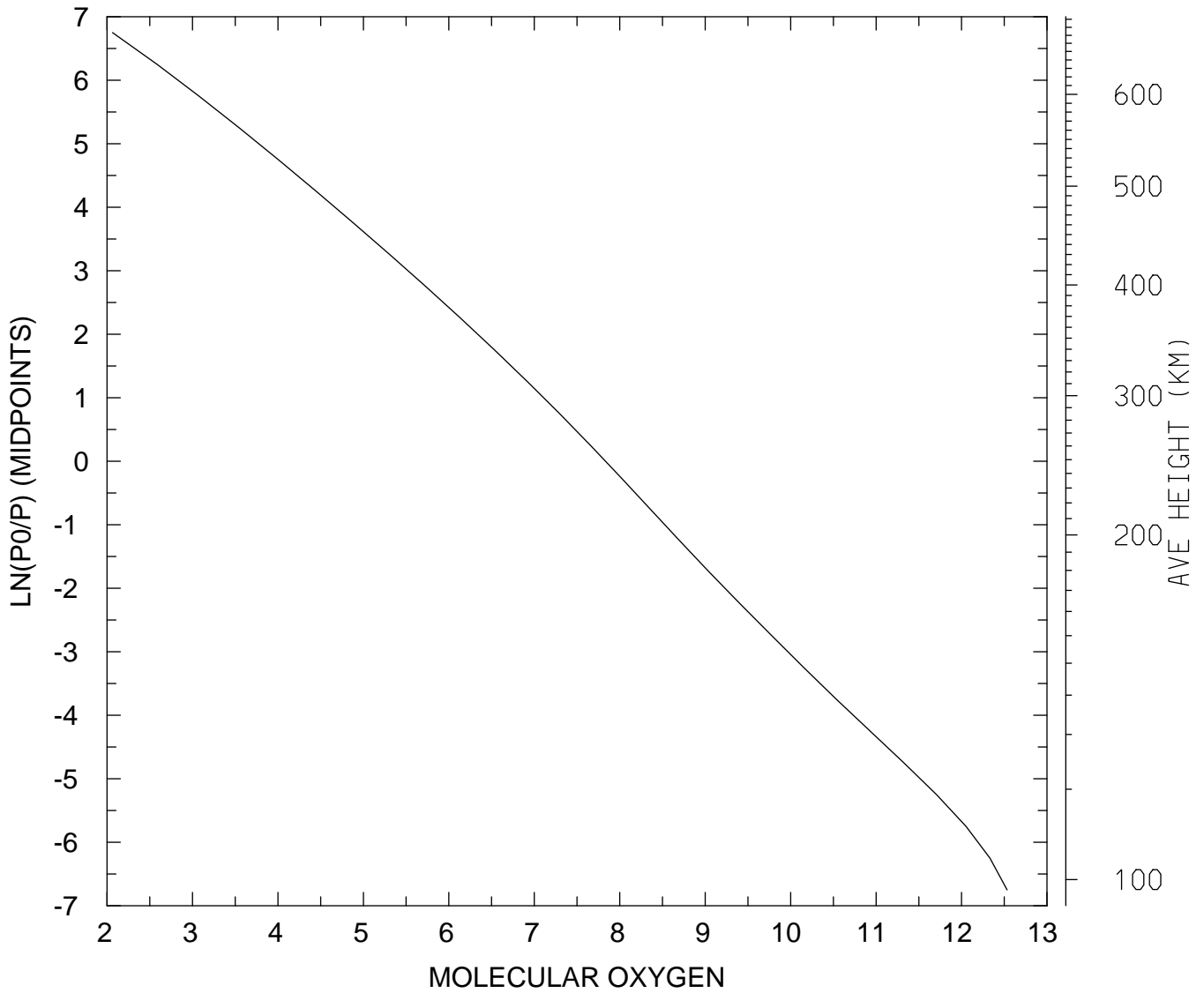
MIN,MAX= 3.8828E+01 3.5166E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



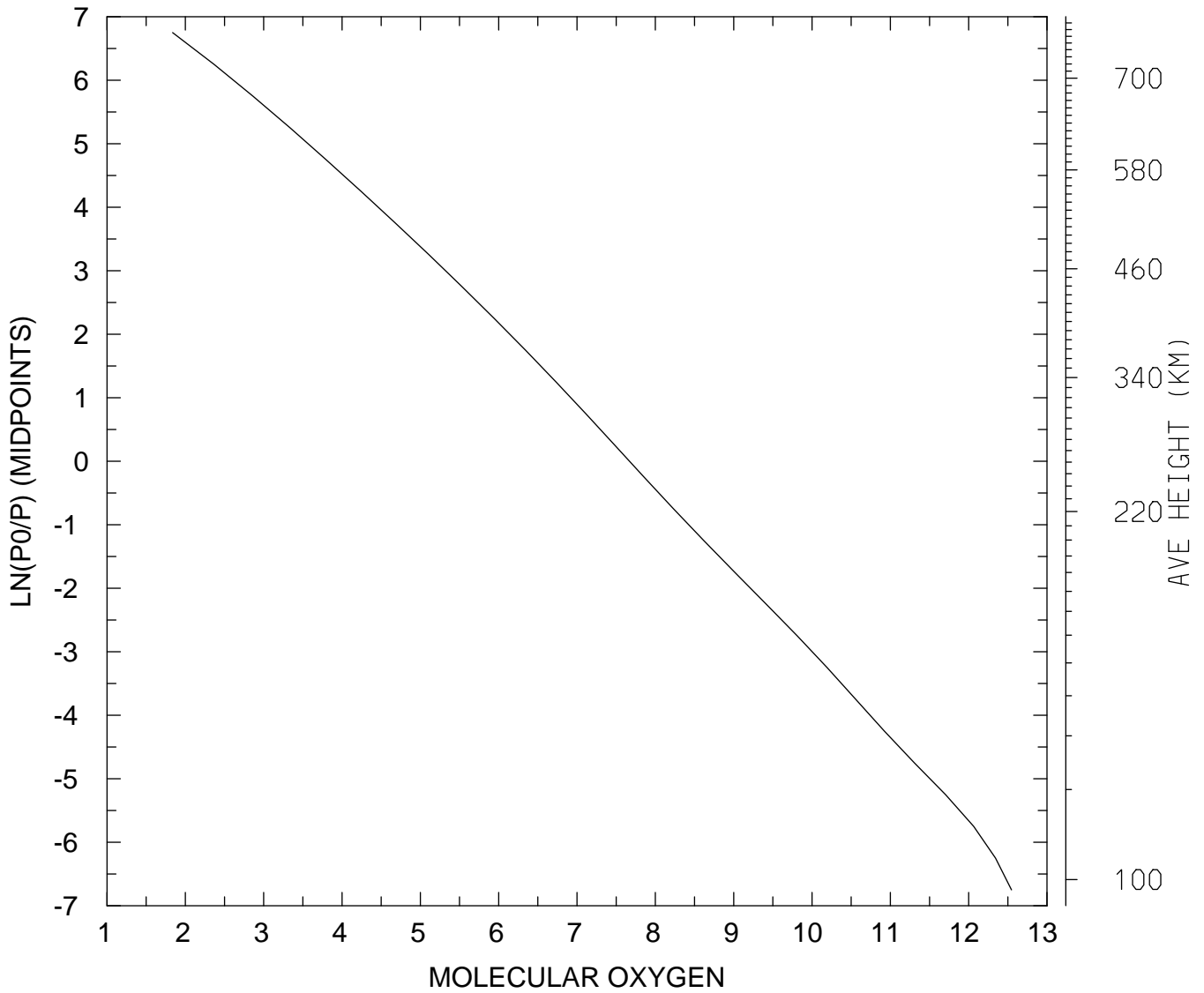
MIN,MAX= 4.7041E+01 3.4685E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 1.1604E+02 3.4105E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

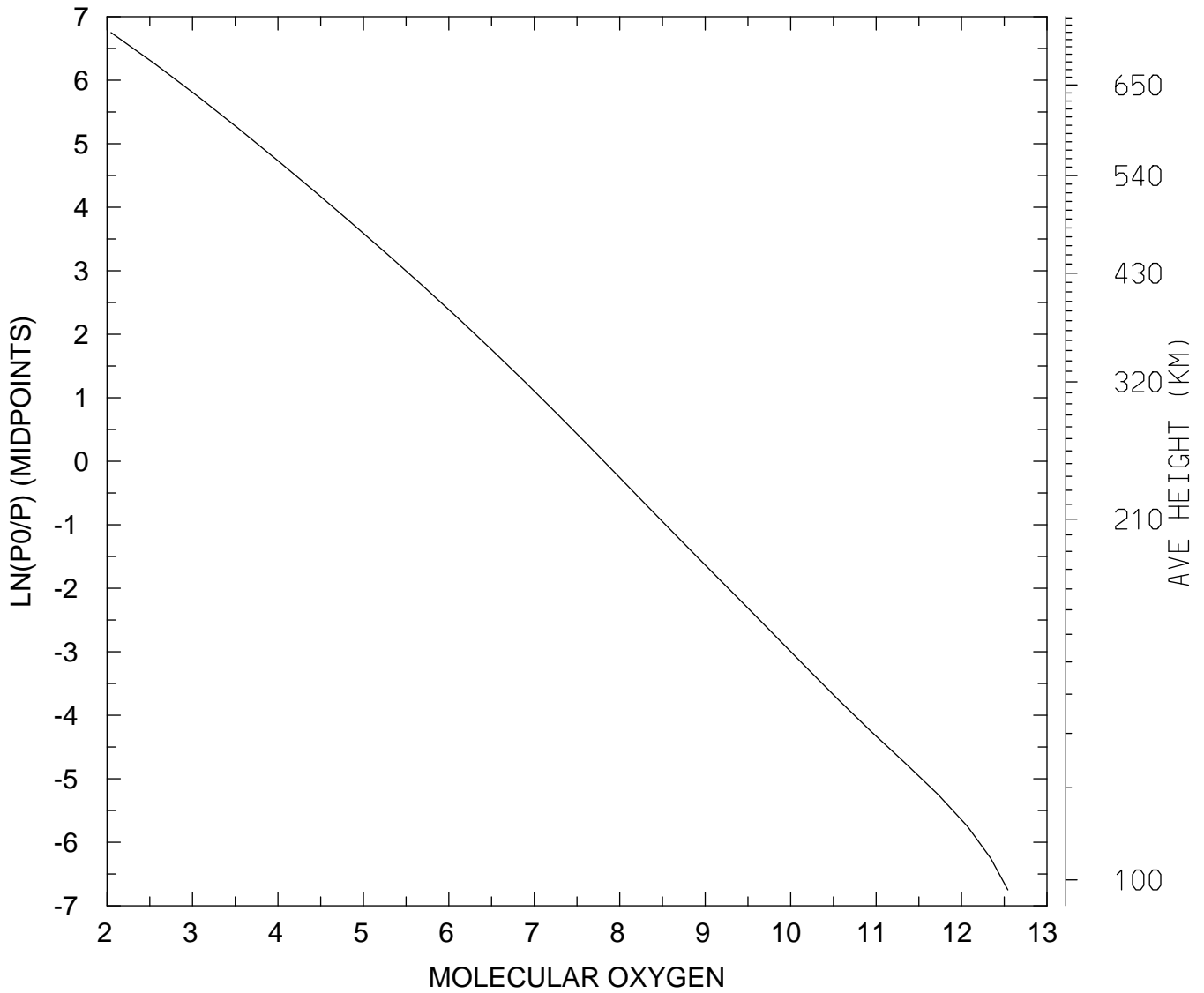
LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



MIN,MAX= 6.8732E+01 3.5220E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

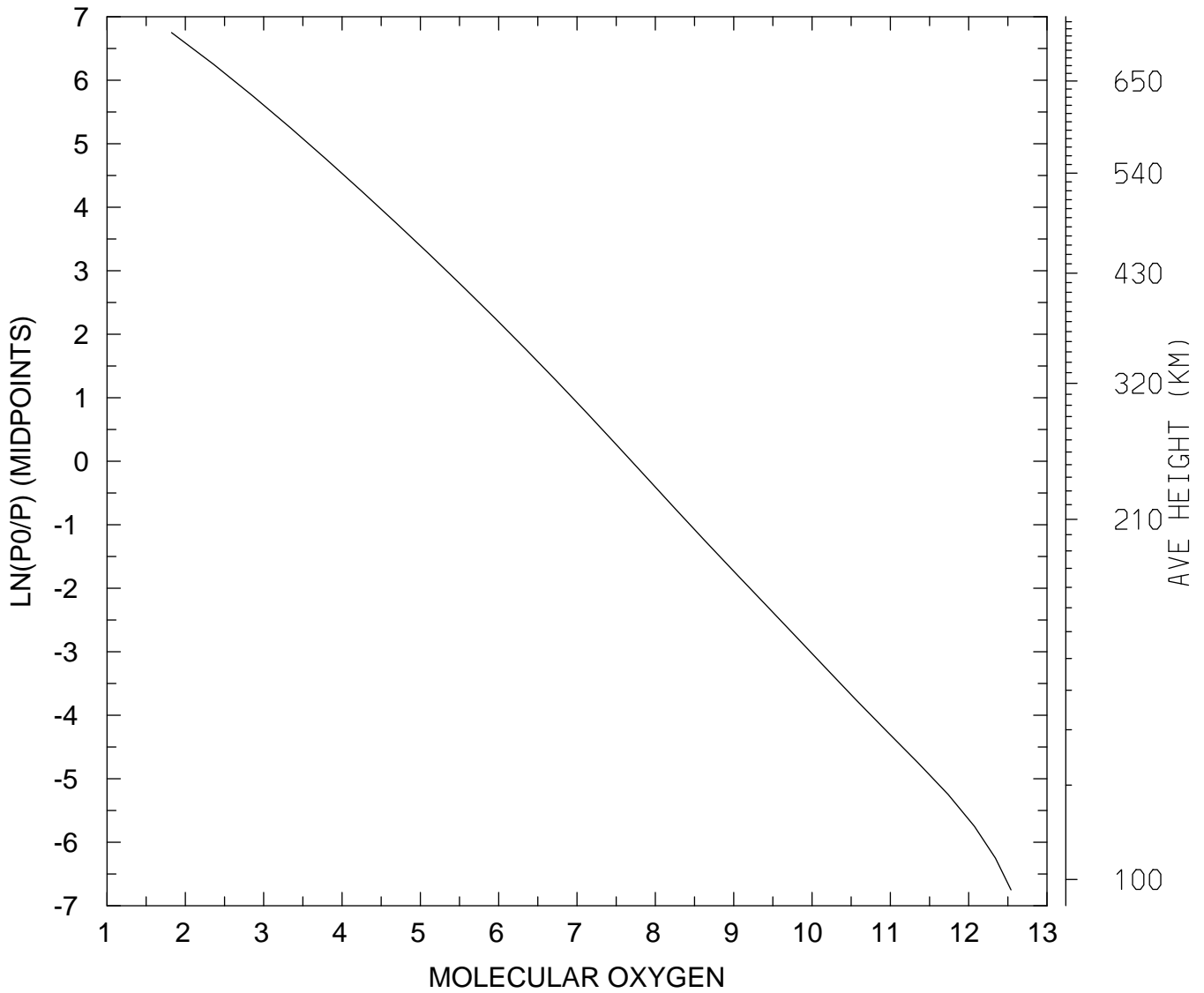


LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



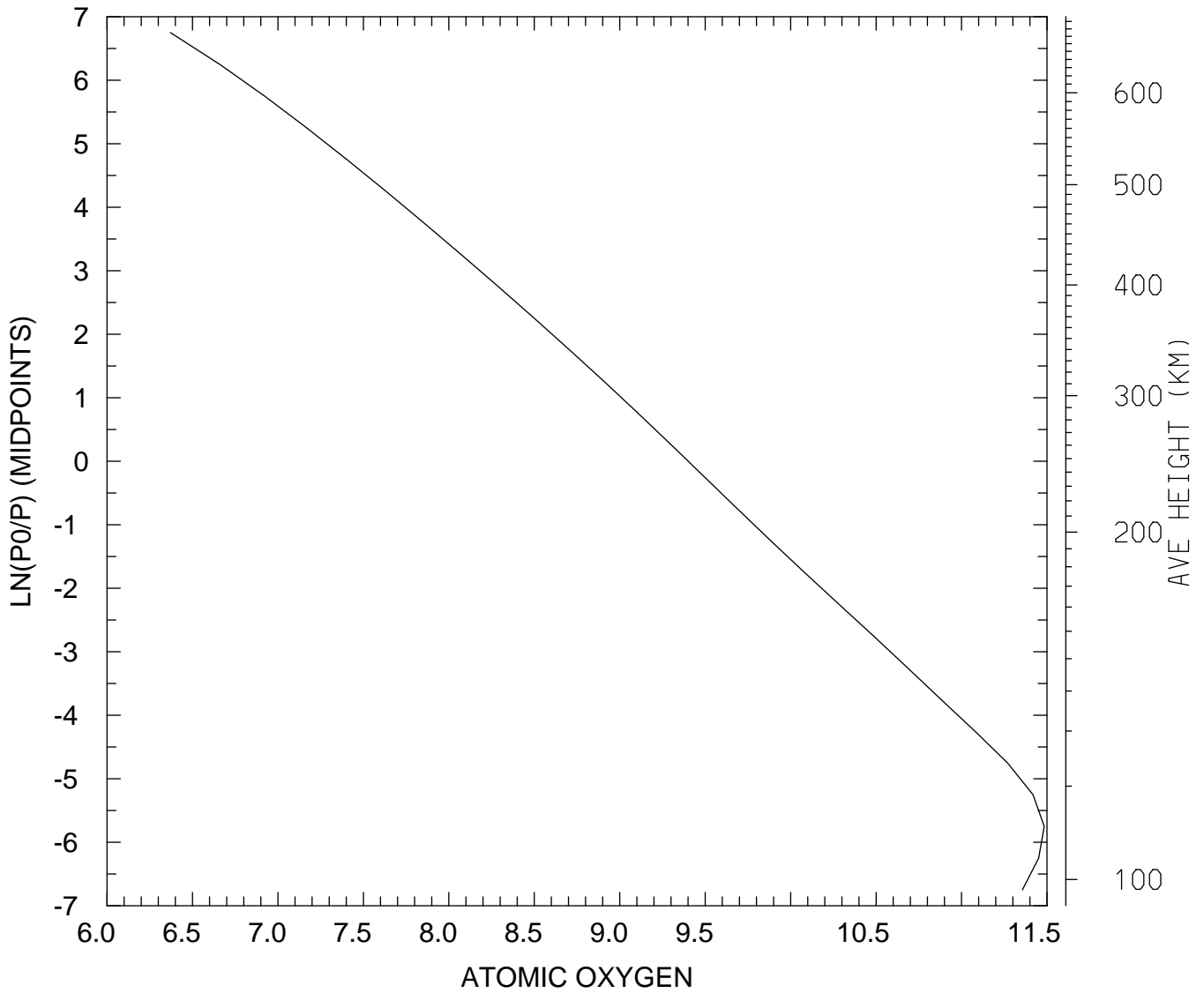
MIN,MAX= 1.1153E+02 3.4863E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 GLOBAL MEANS



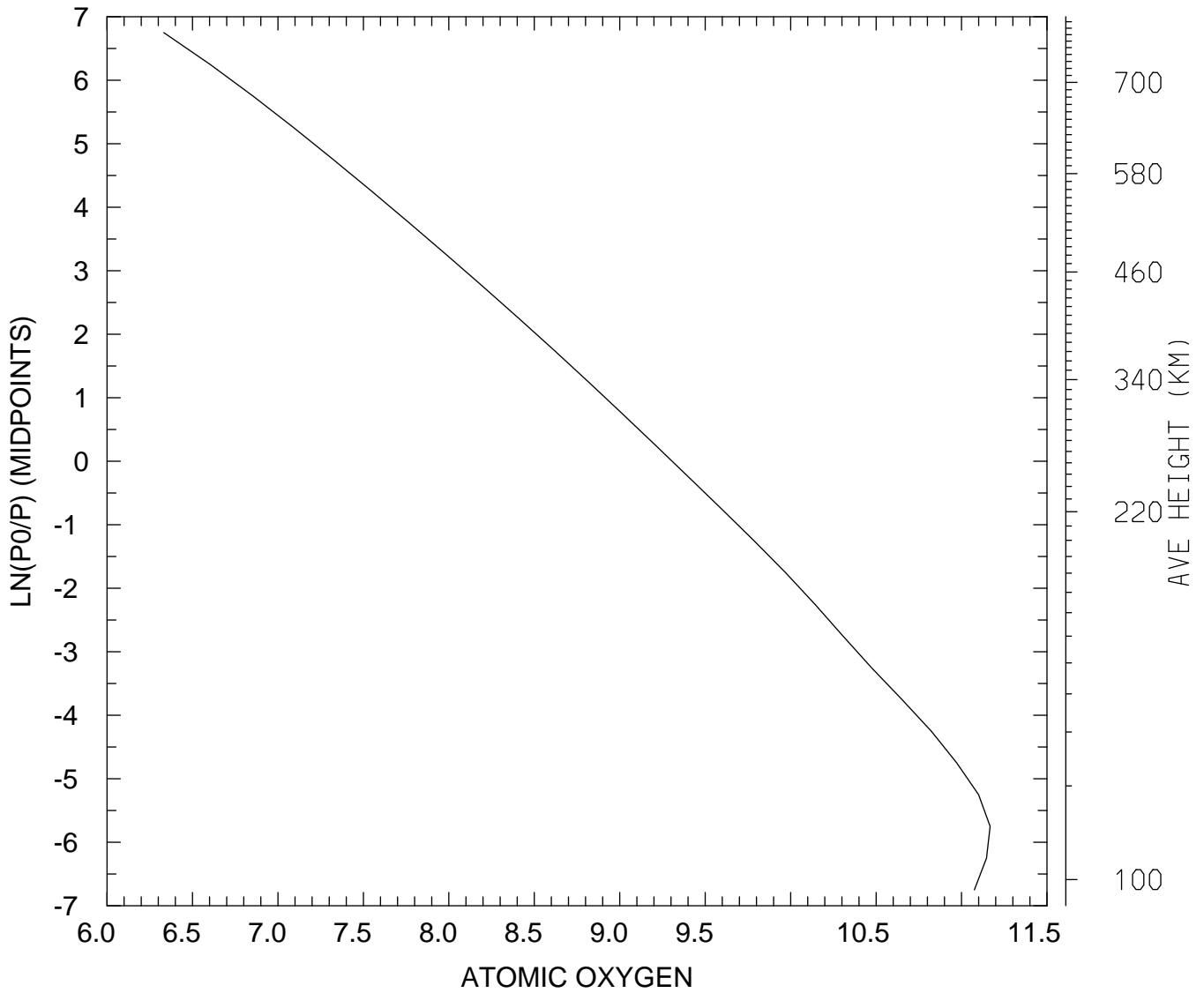
MIN,MAX= 6.6716E+01 3.4774E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



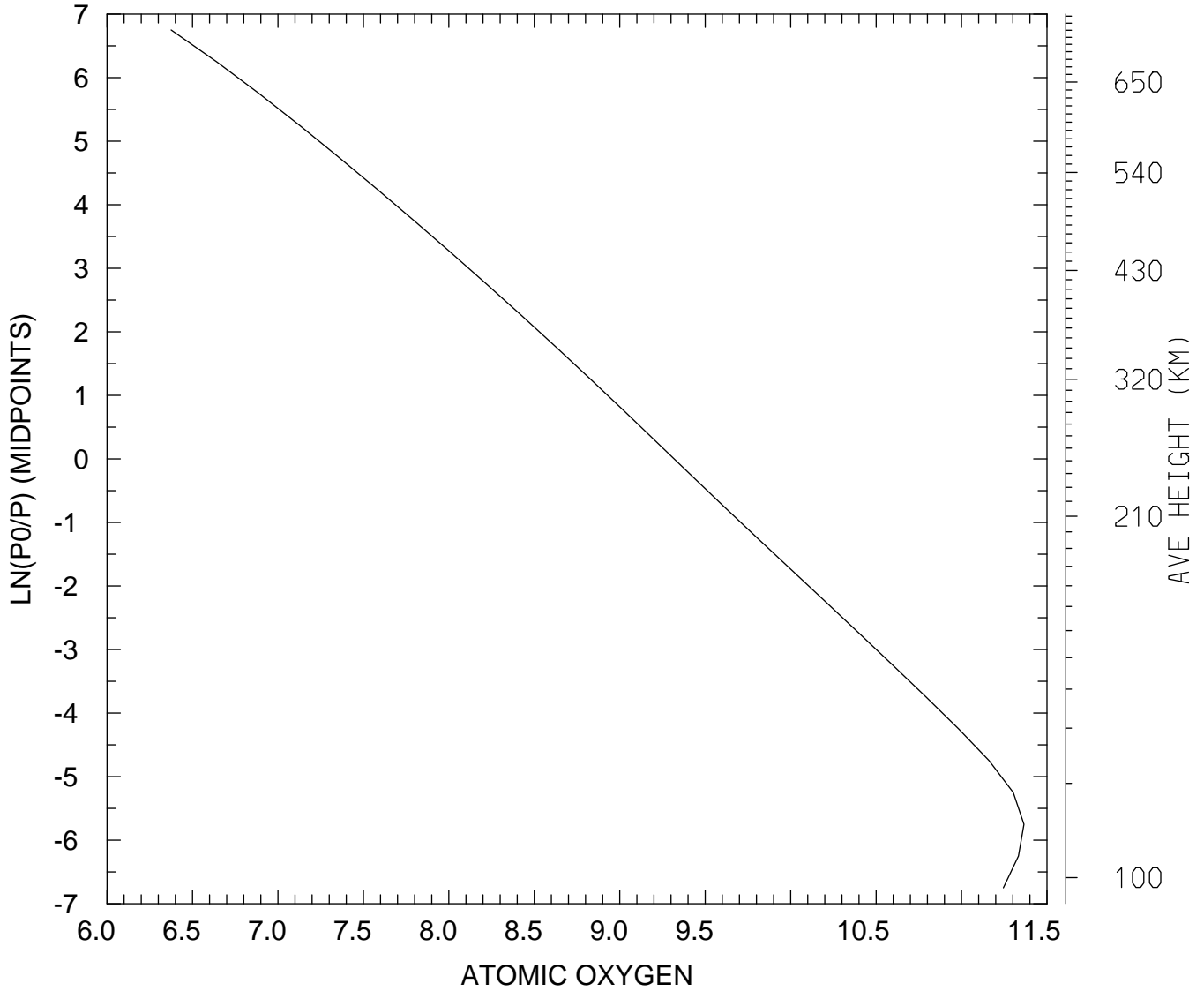
MIN,MAX= 2.3491E+06 3.0482E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



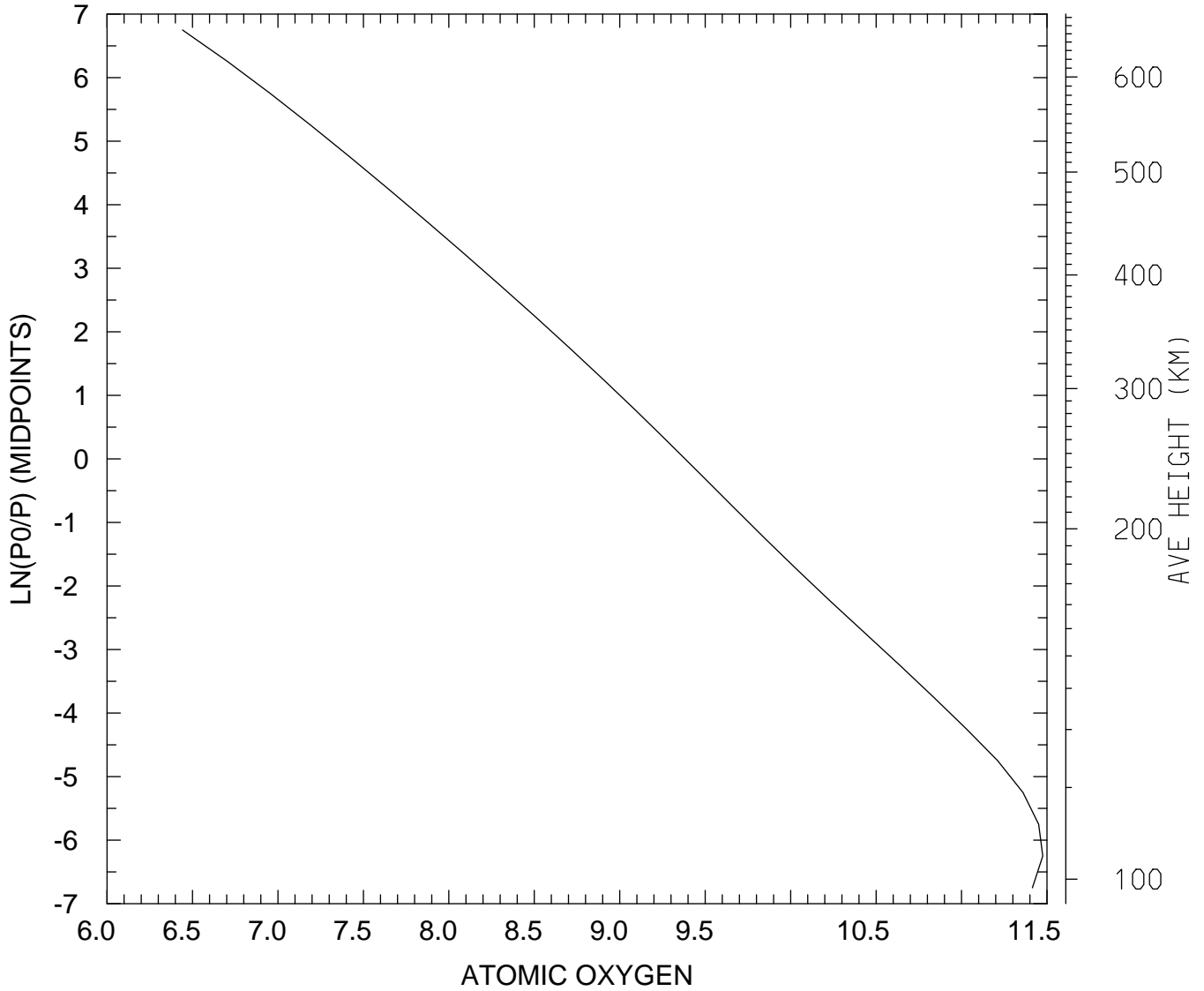
MIN,MAX= 2.1473E+06 1.4704E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



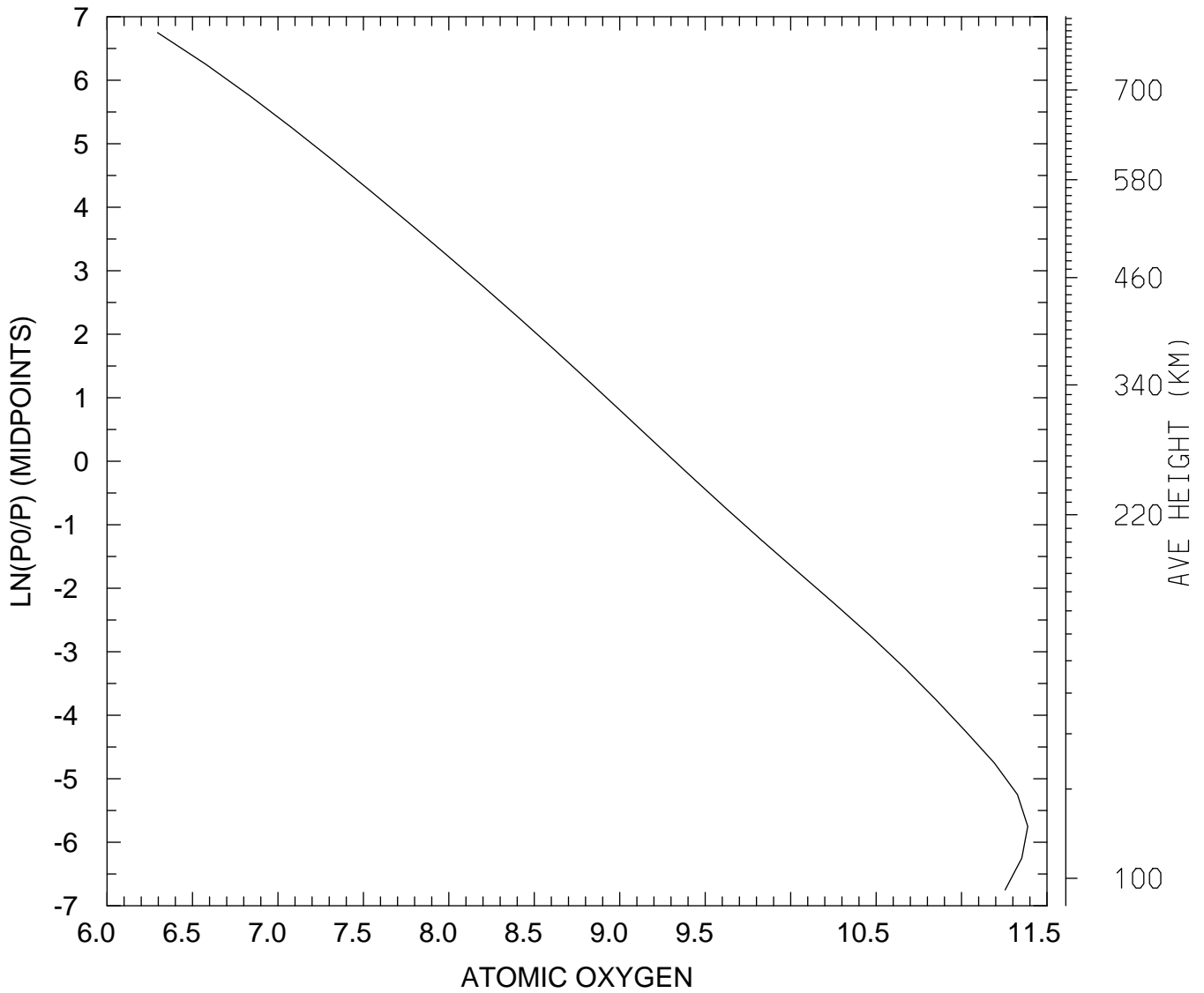
MIN,MAX= 2.3727E+06 2.3172E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



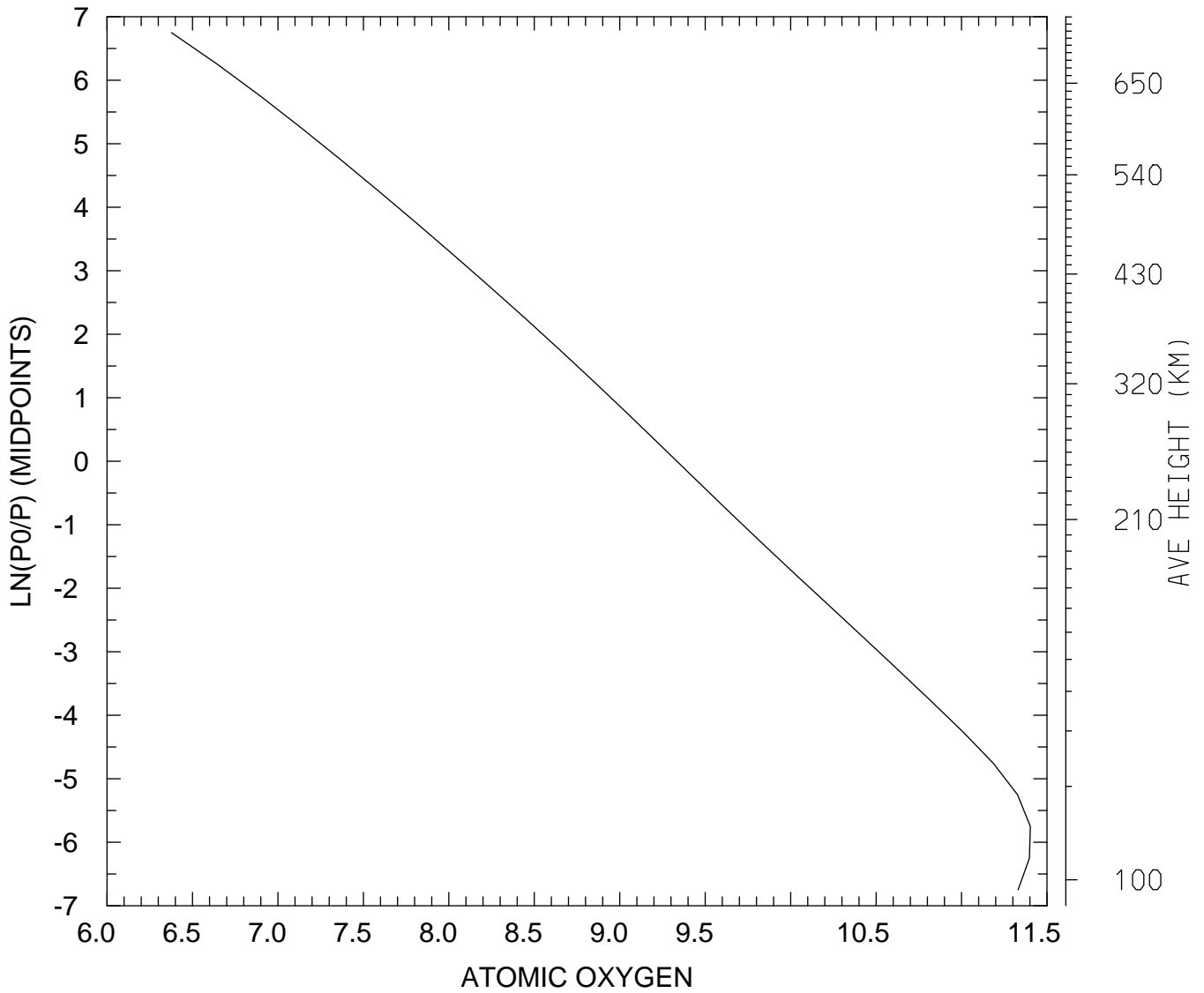
MIN,MAX= 2.7668E+06 2.9871E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 1.9737E+06 2.4385E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

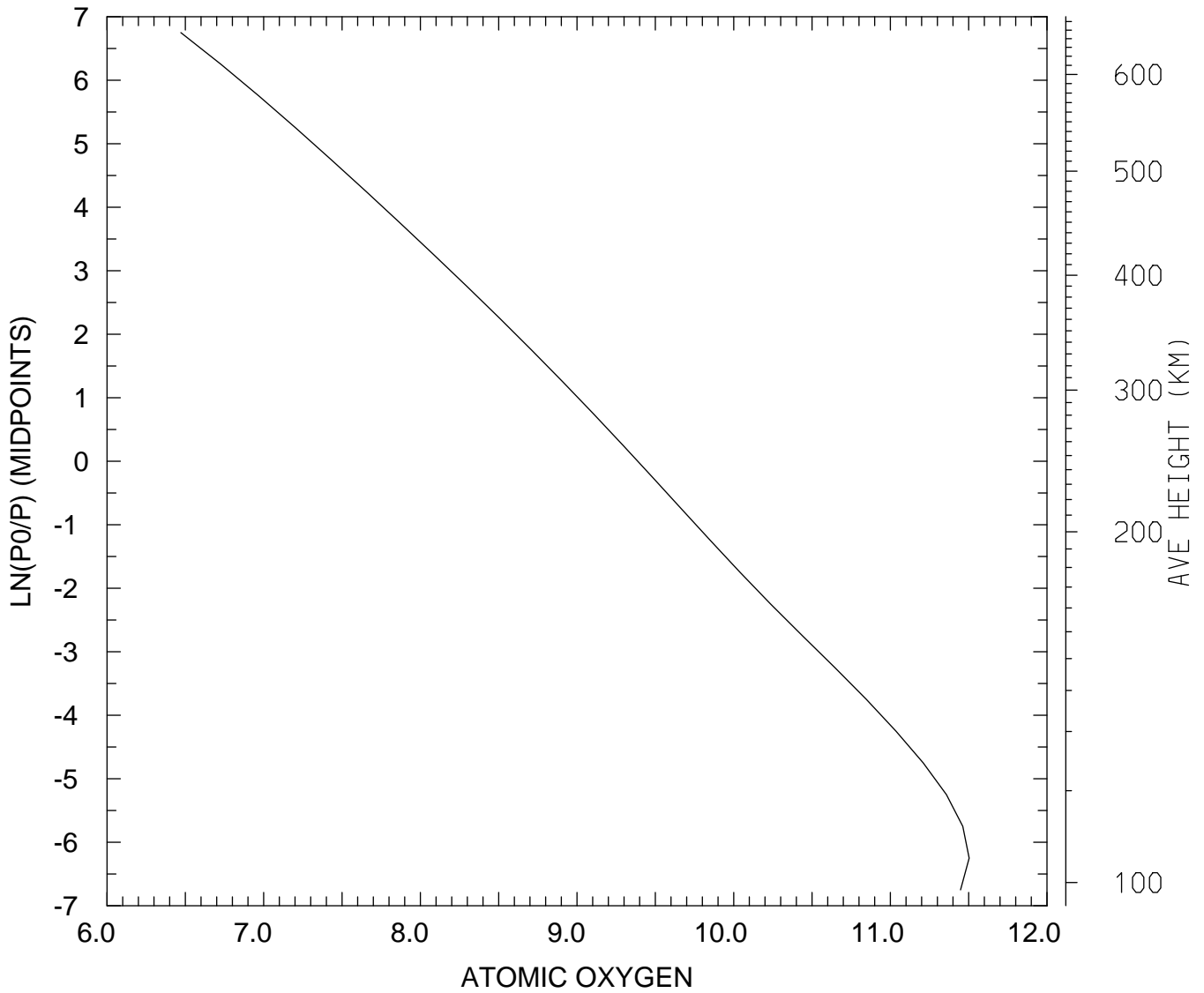
LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



MIN,MAX= 2.3796E+06 2.5266E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

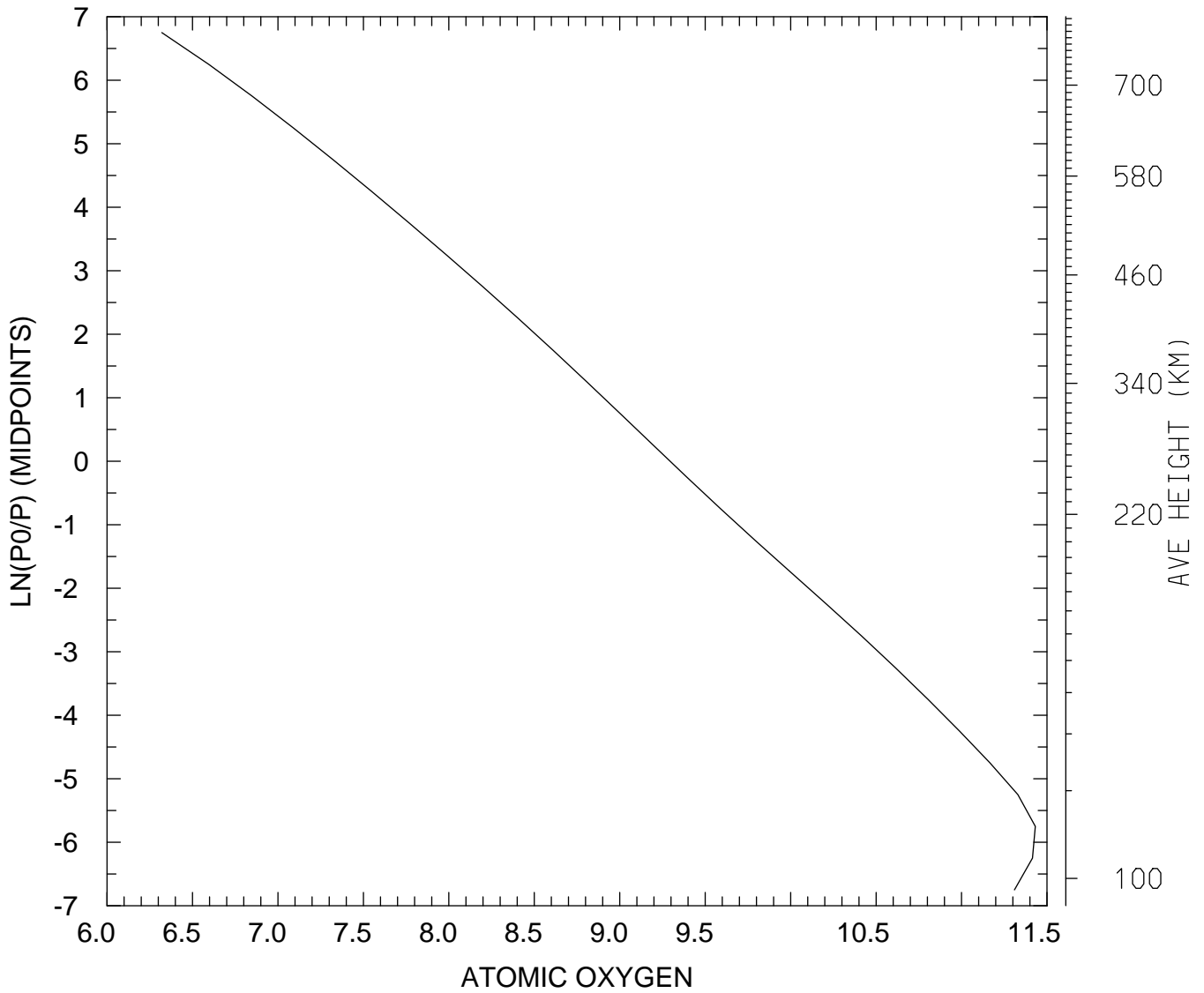


LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



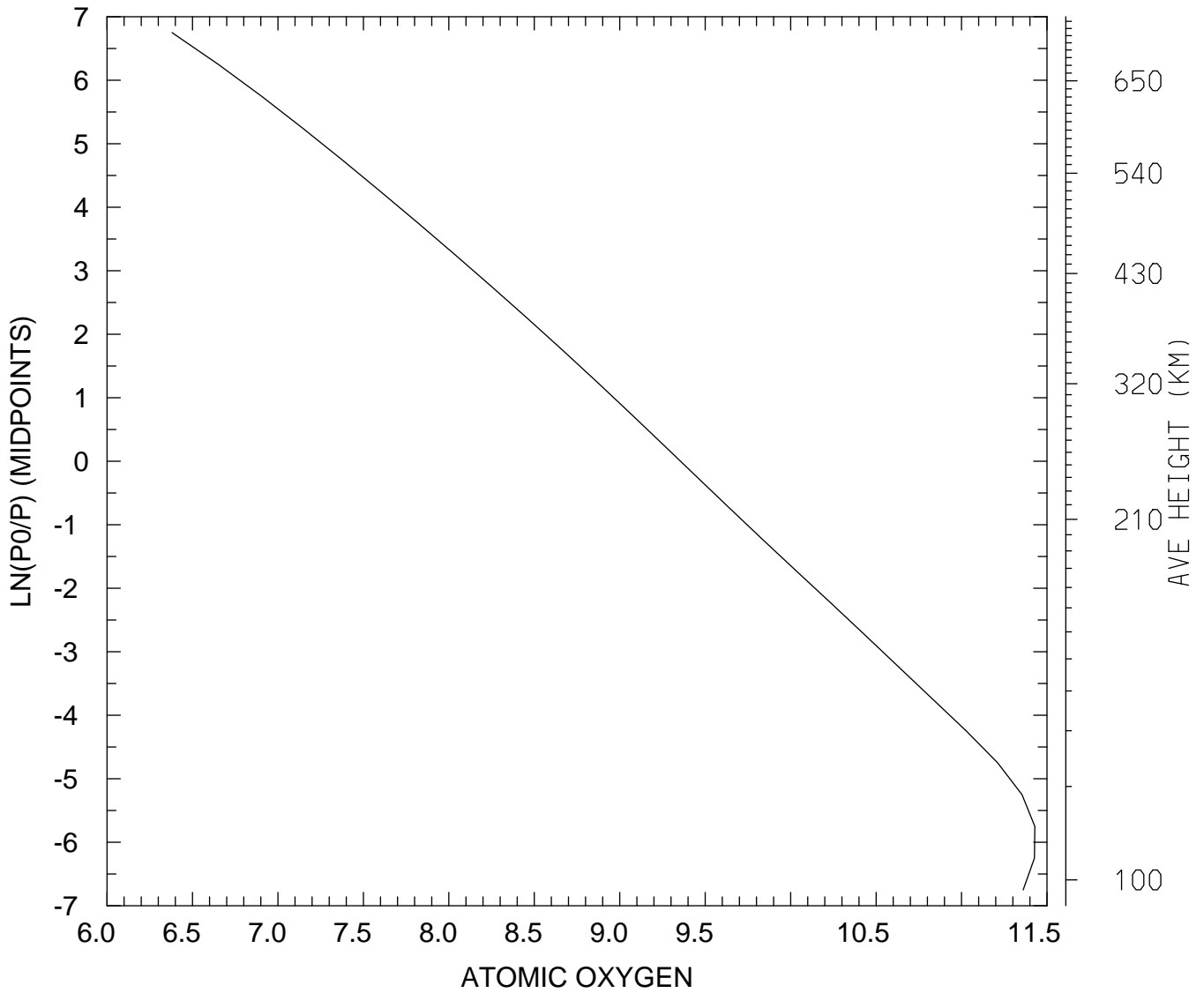
MIN,MAX= 2.9613E+06 3.1845E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



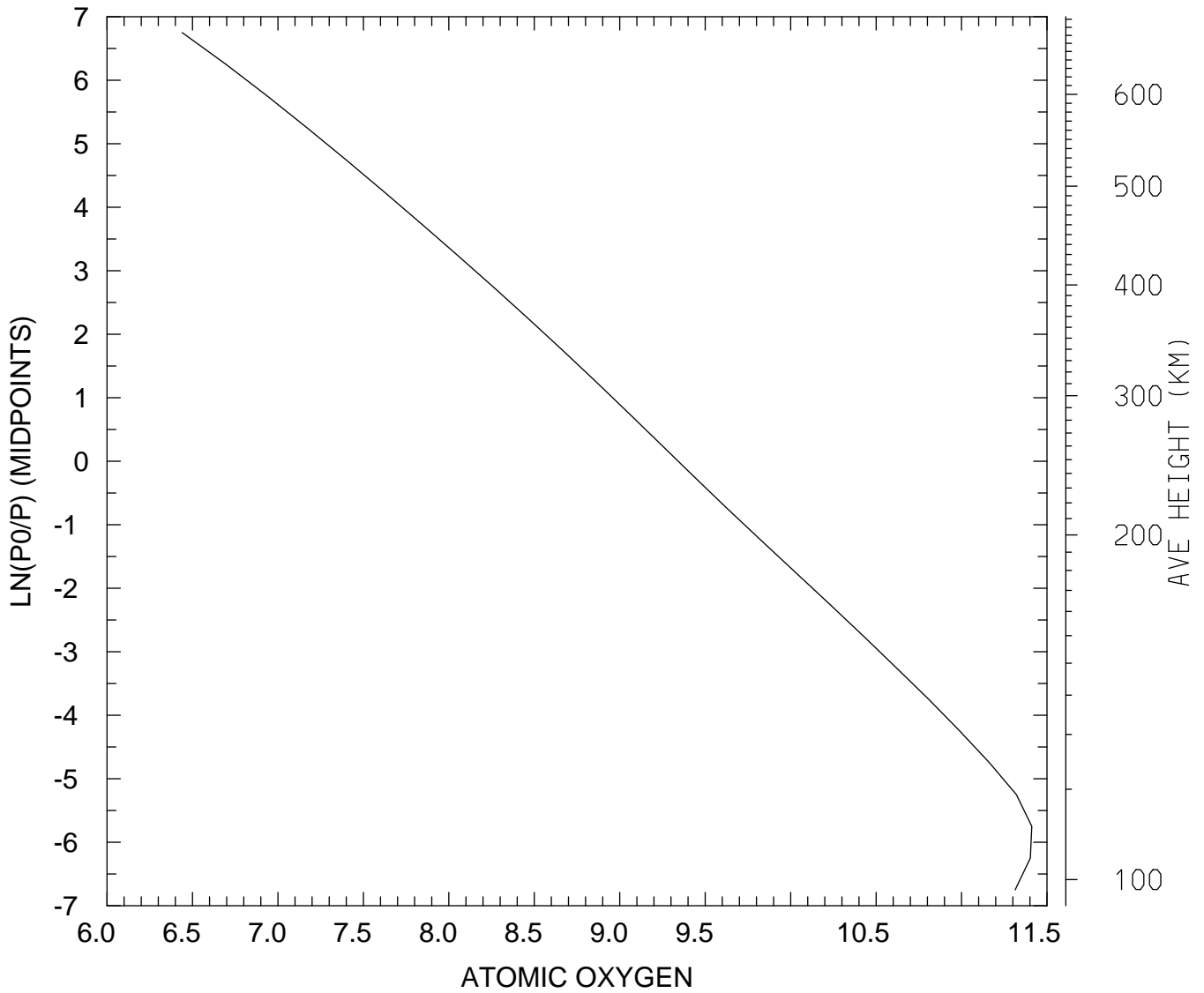
MIN,MAX= 2.0929E+06 2.6997E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



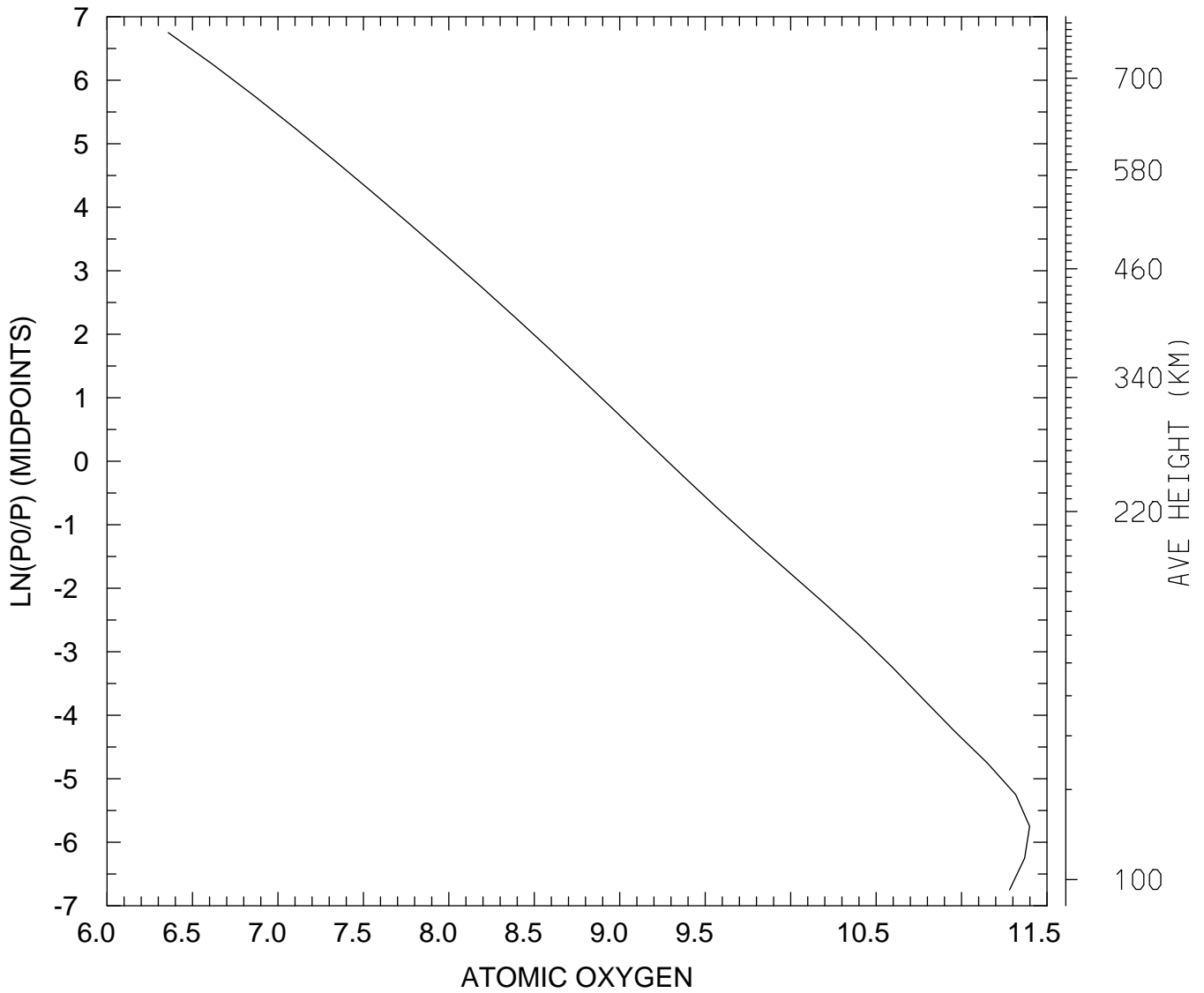
MIN,MAX= 2.3998E+06 2.6837E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



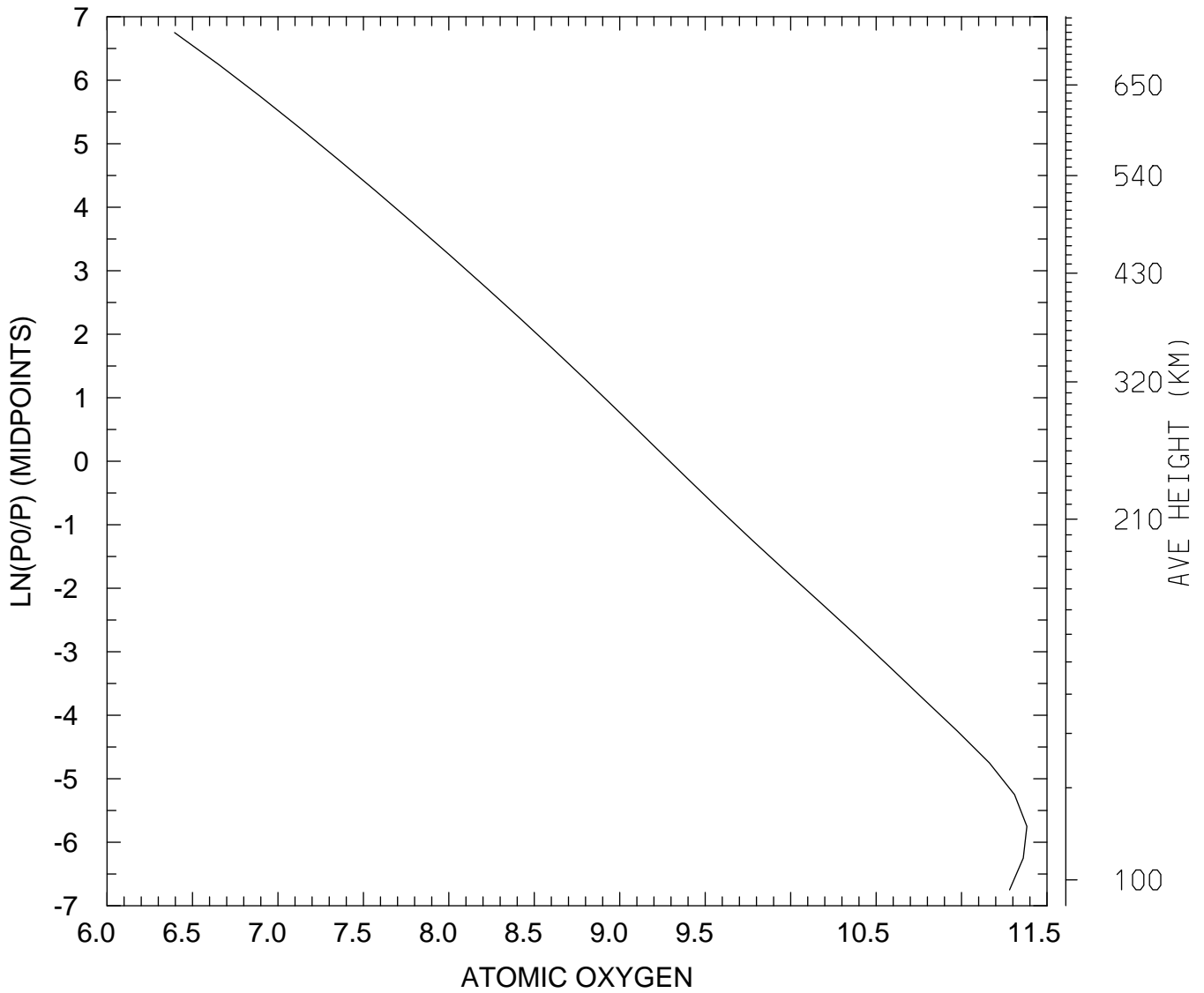
MIN,MAX= 2.7548E+06 2.5780E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



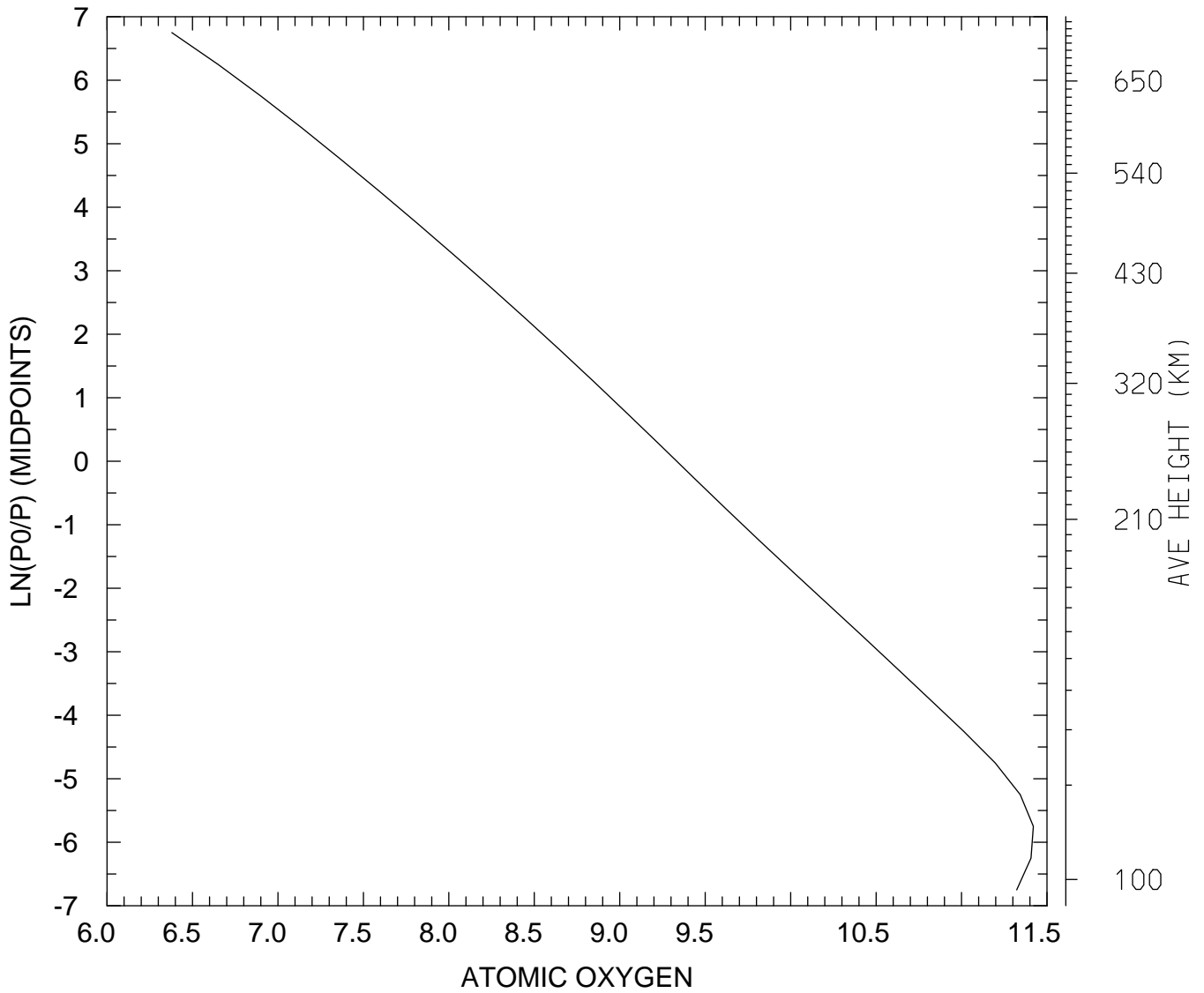
MIN,MAX= 2.2796E+06 2.5016E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



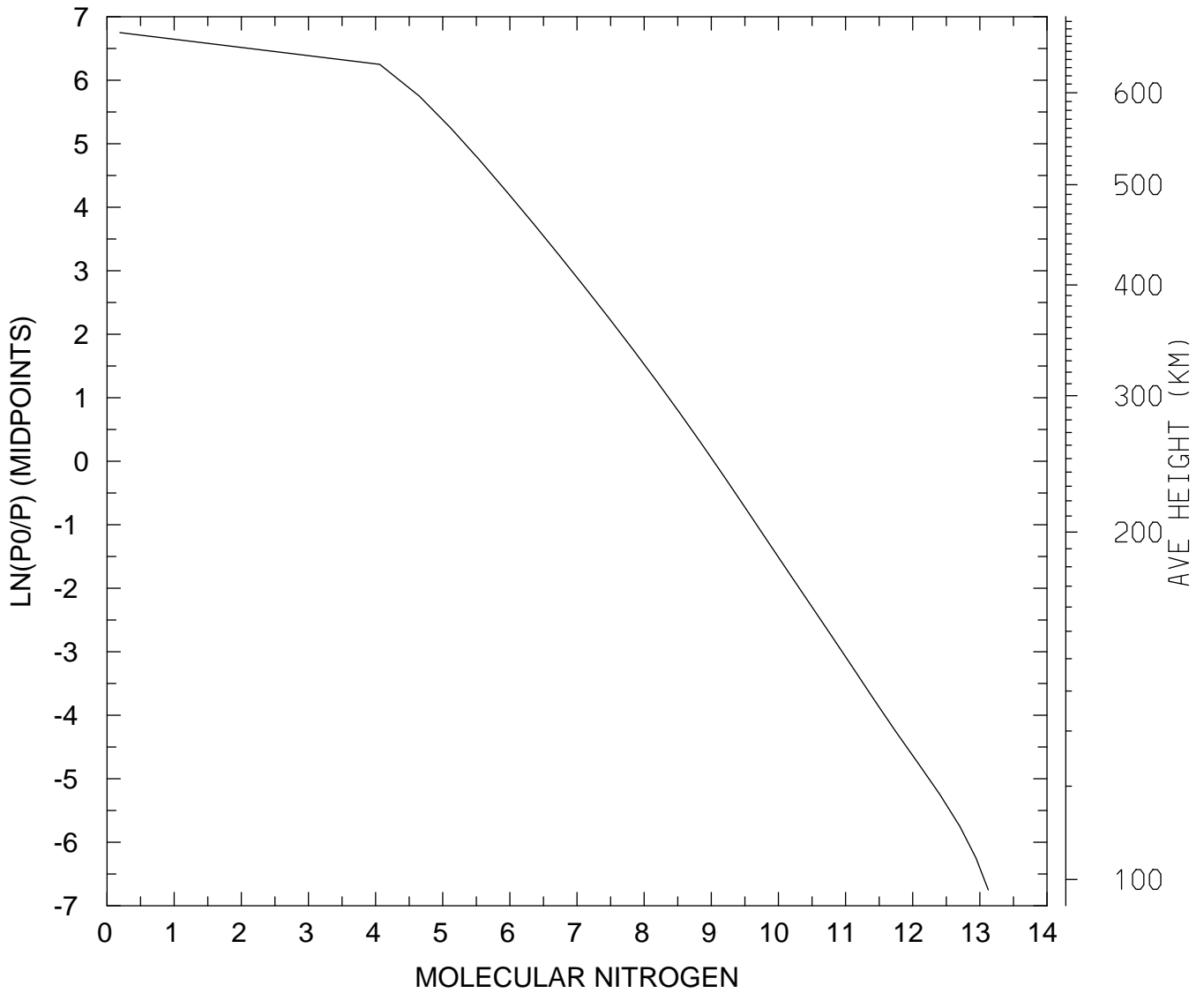
MIN,MAX= 2.4854E+06 2.4104E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 GLOBAL MEANS



MIN,MAX= 2.3941E+06 2.6305E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

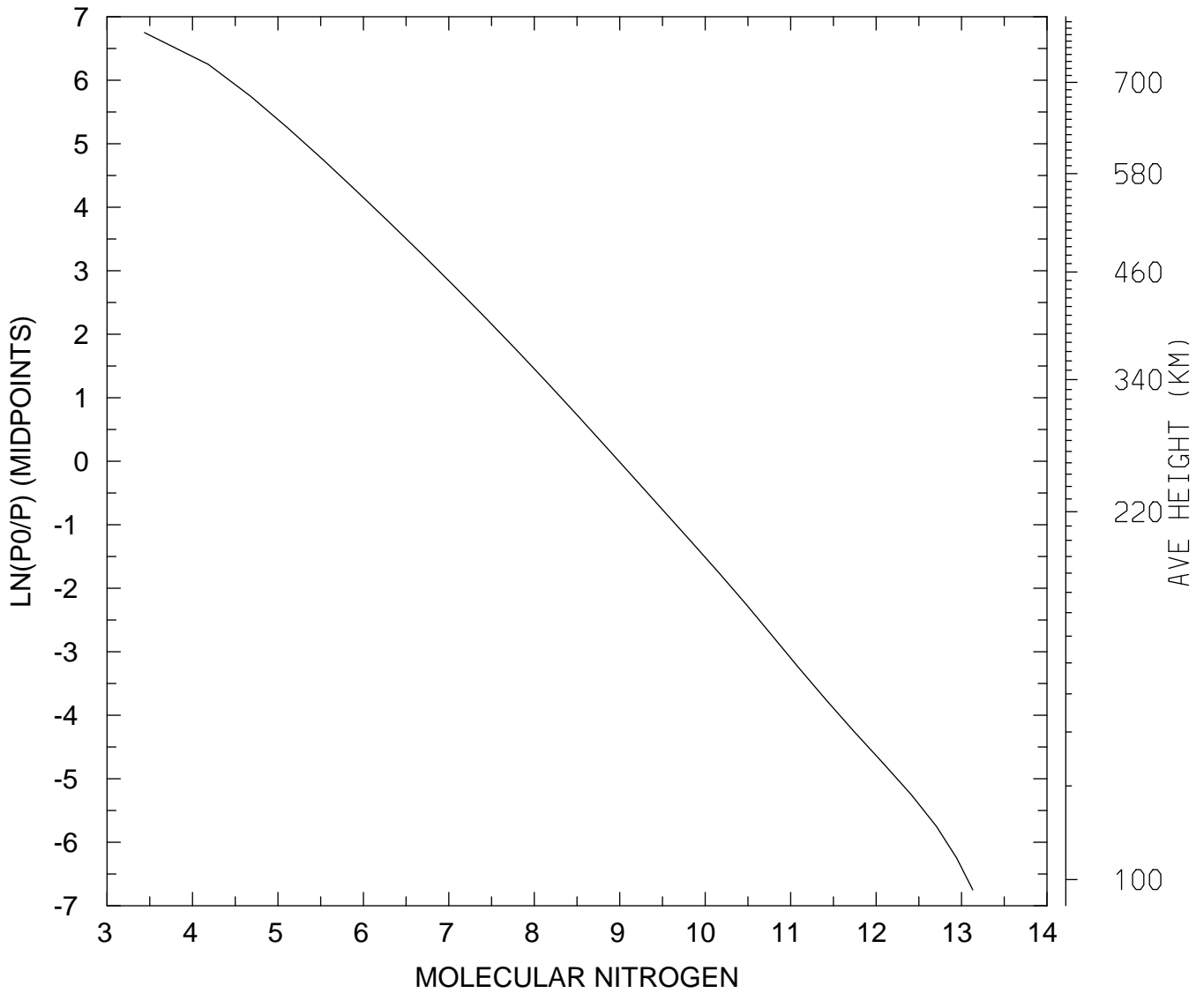
LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



MIN,MAX= 1.5535E+00 1.3336E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

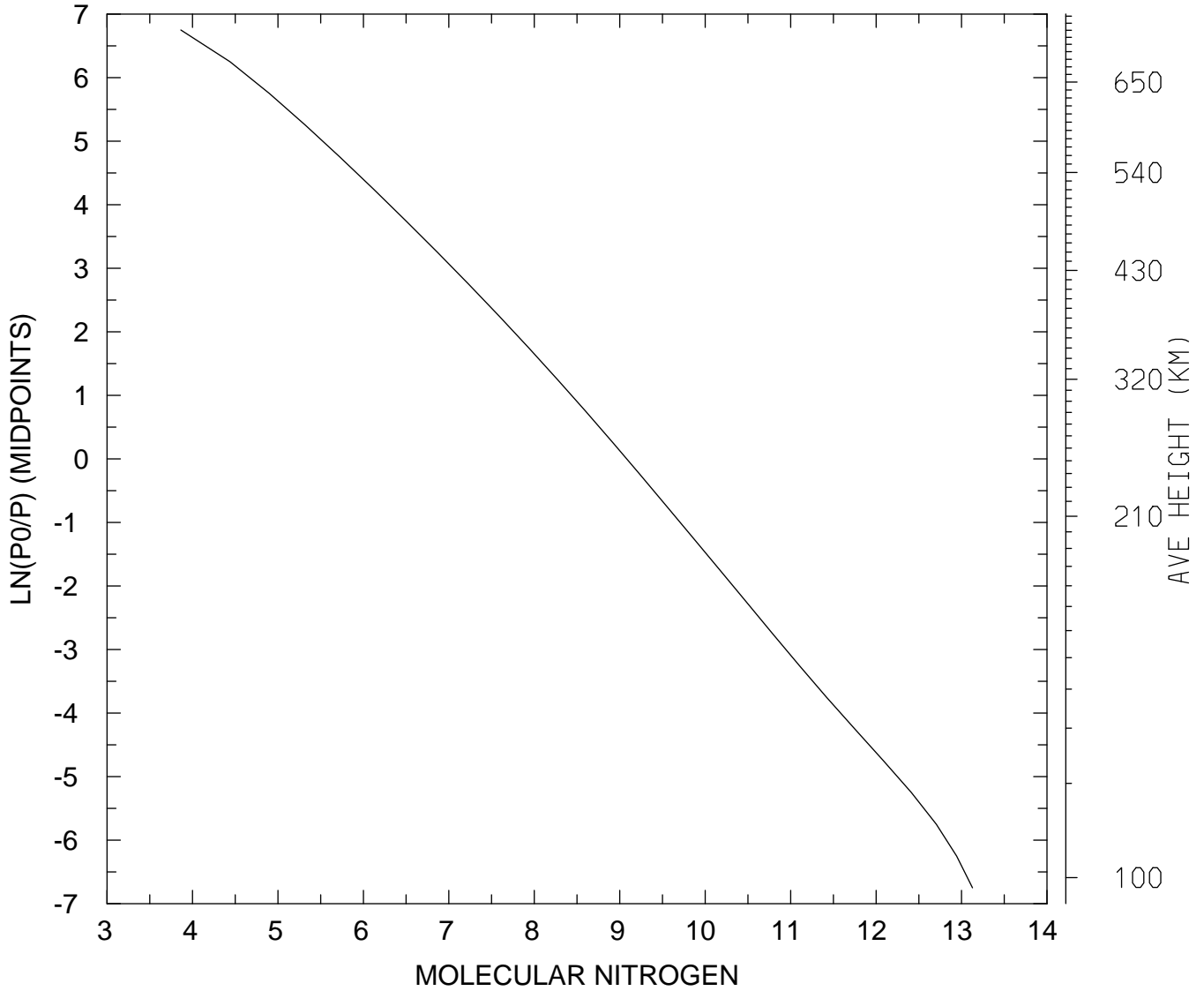


LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



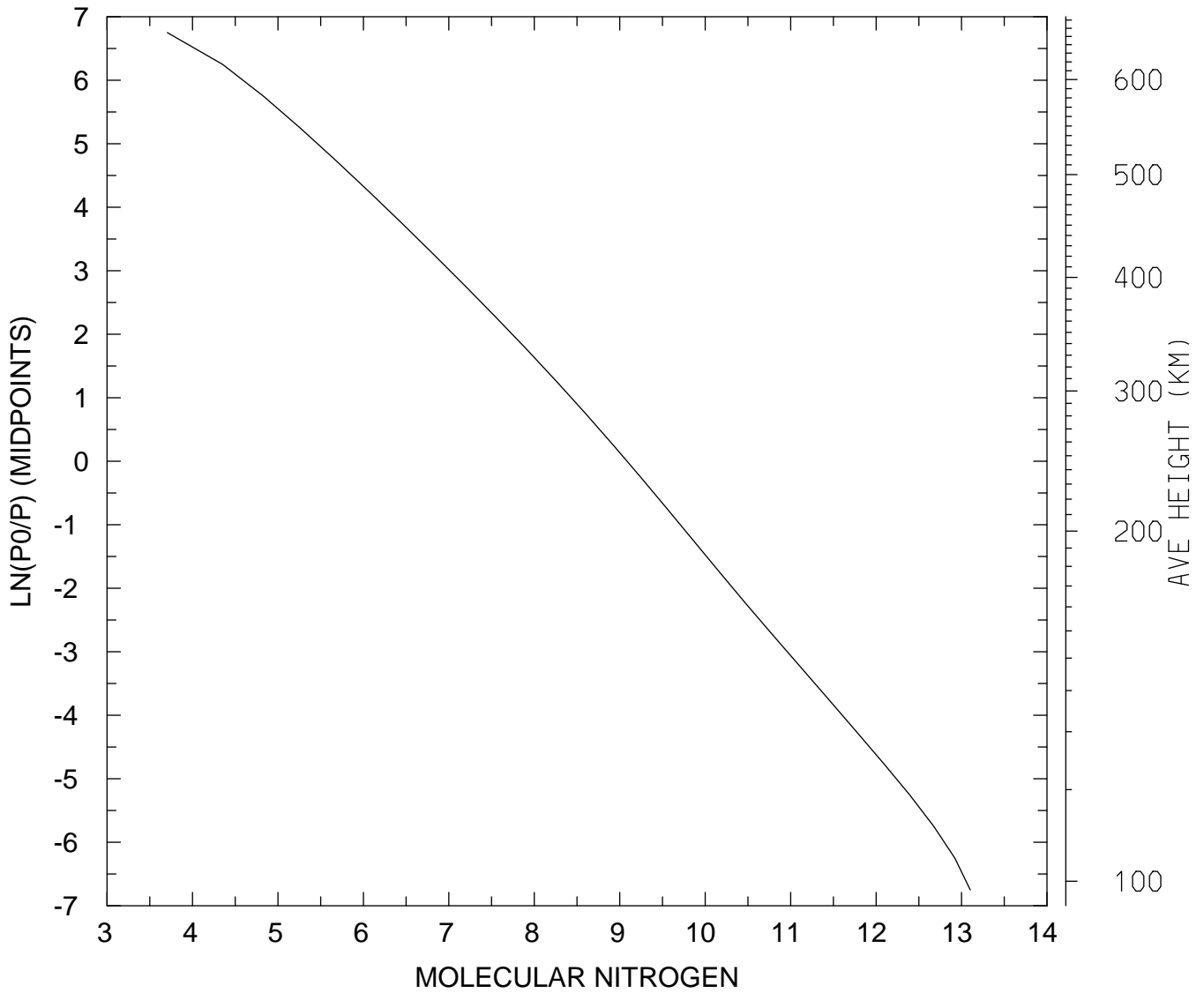
MIN,MAX= 2.7440E+03 1.3544E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



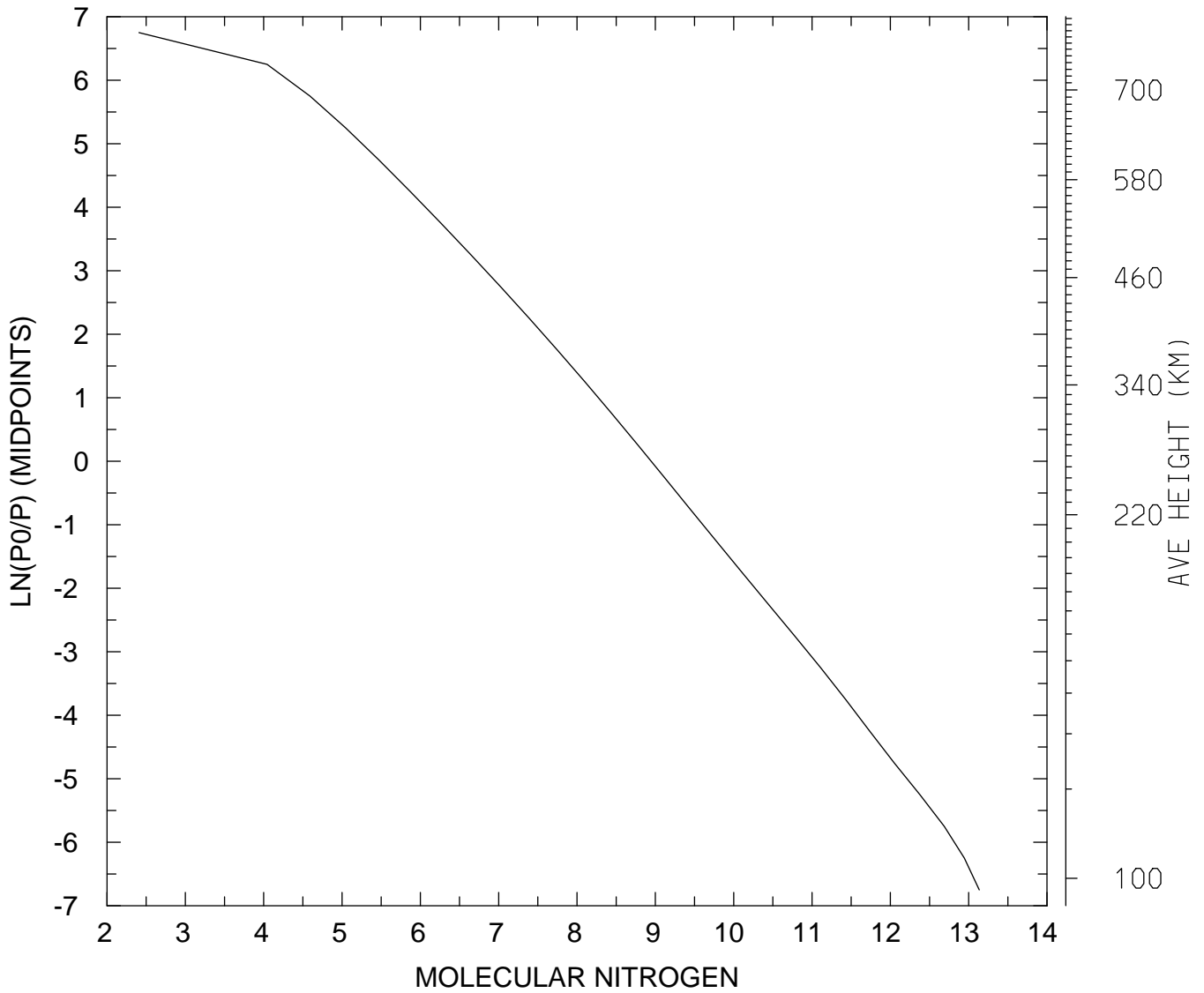
MIN,MAX= 7.3043E+03 1.3421E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



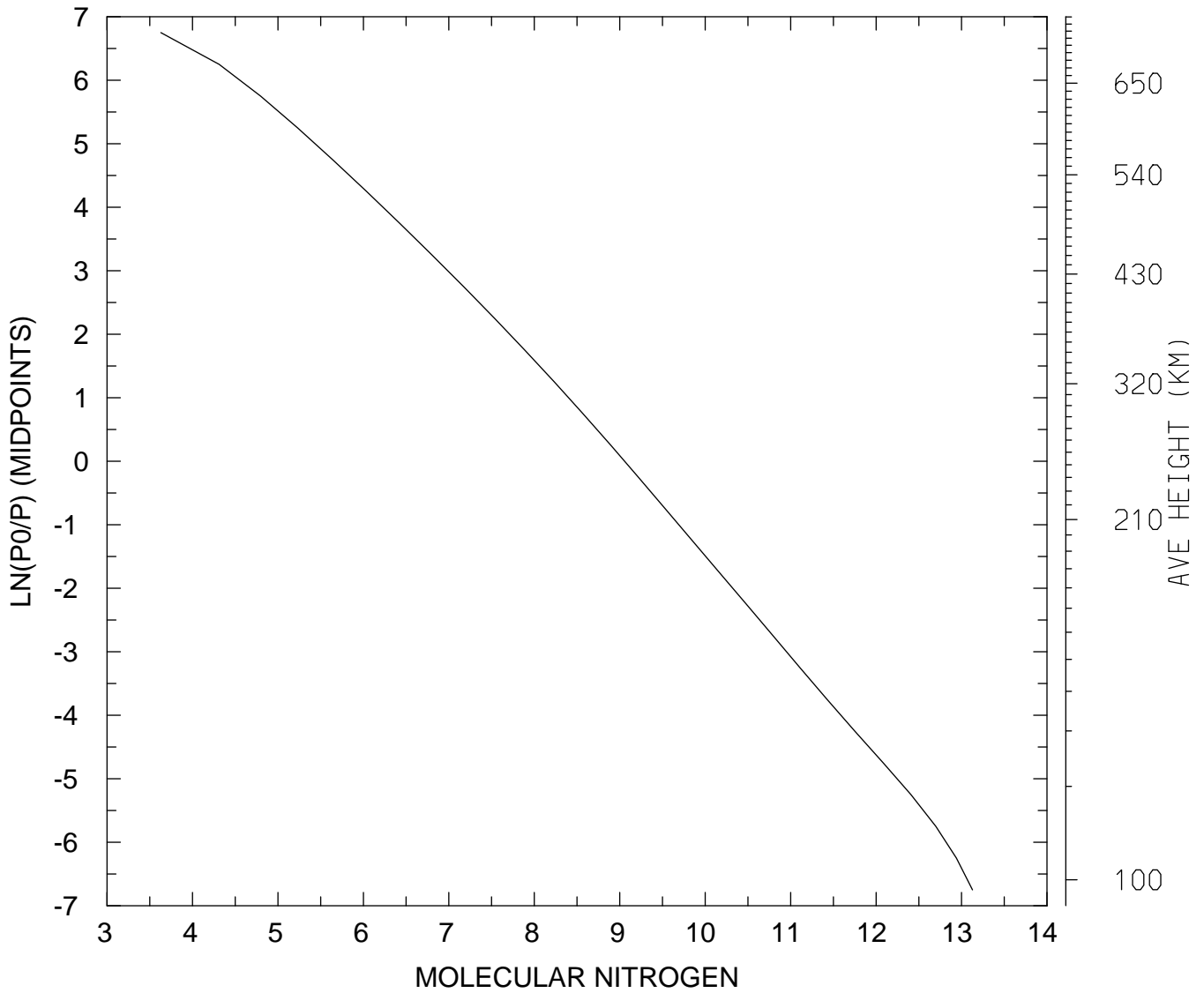
MIN,MAX= 5.0684E+03 1.2645E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



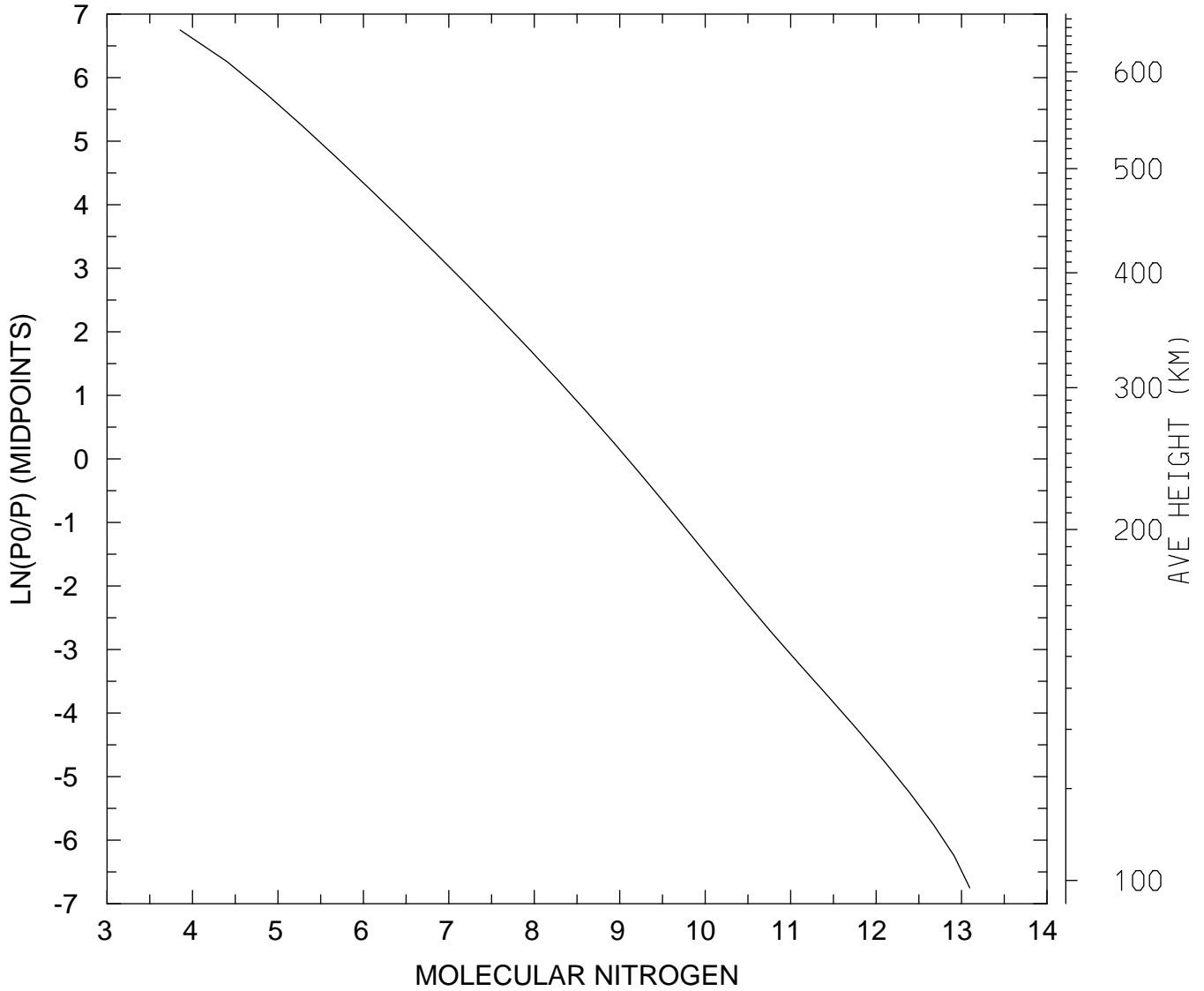
MIN,MAX= 2.5597E+02 1.3645E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



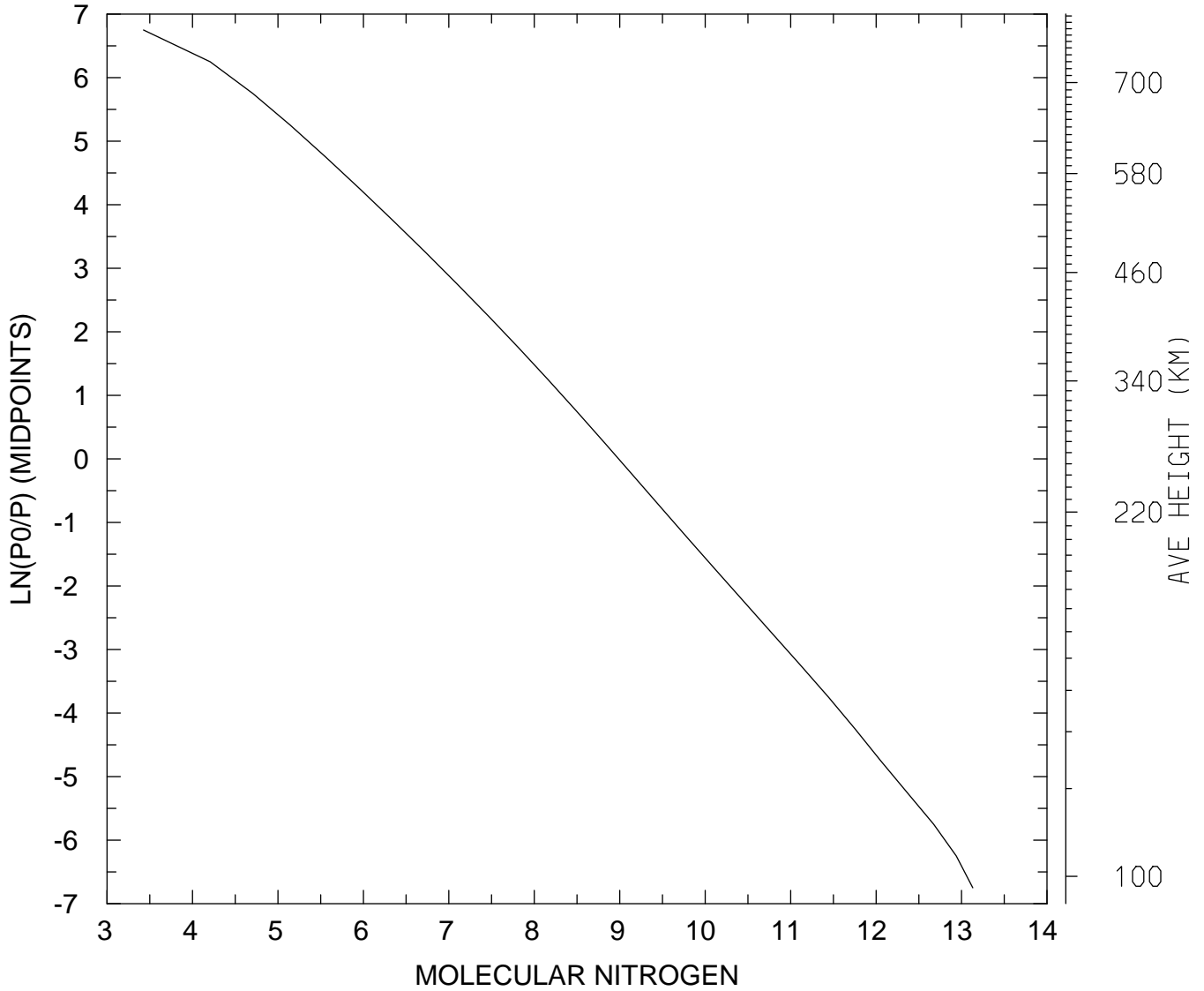
MIN,MAX= 4.2613E+03 1.3424E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



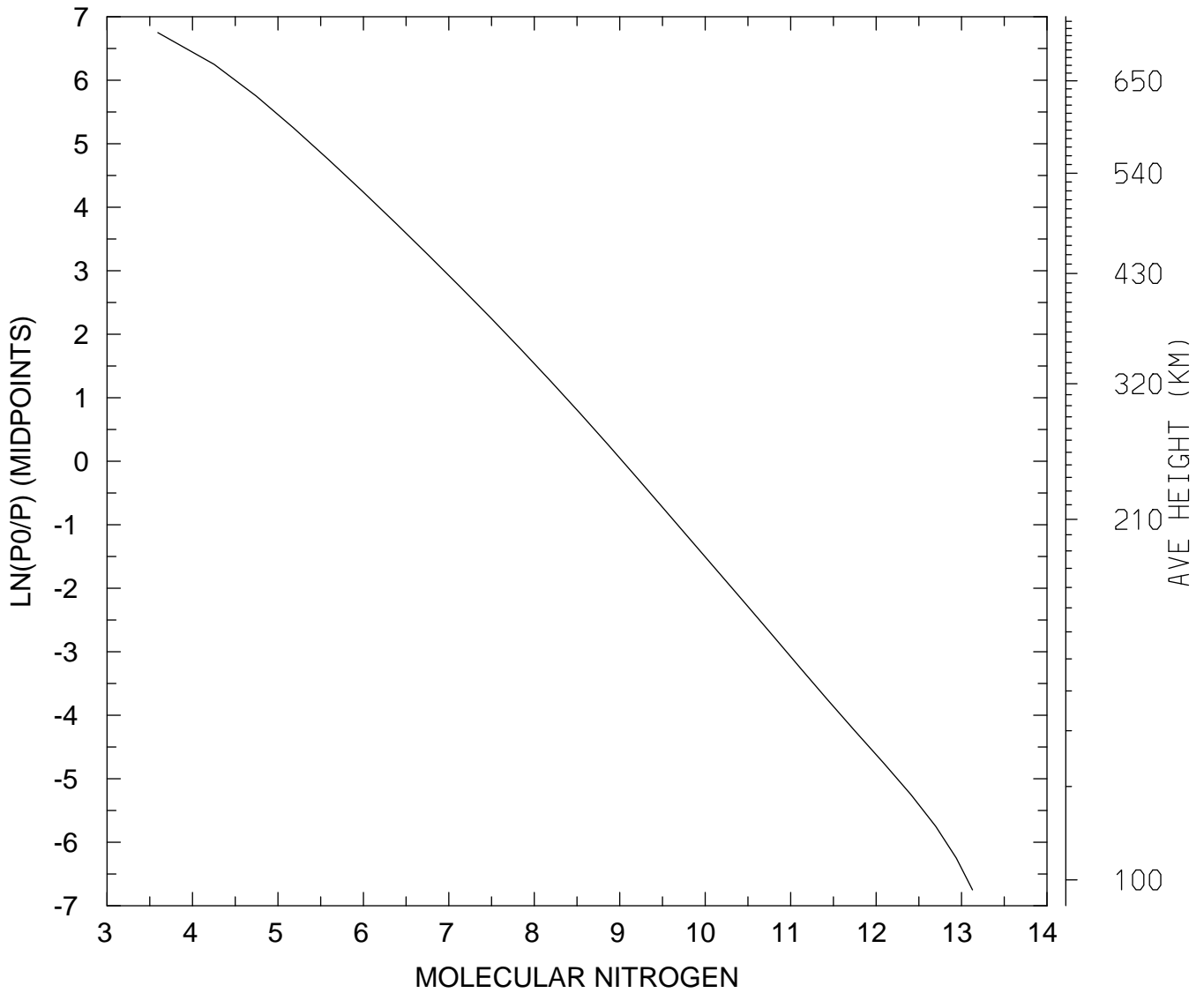
MIN,MAX= 7.1589E+03 1.2461E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 2.6734E+03 1.3551E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

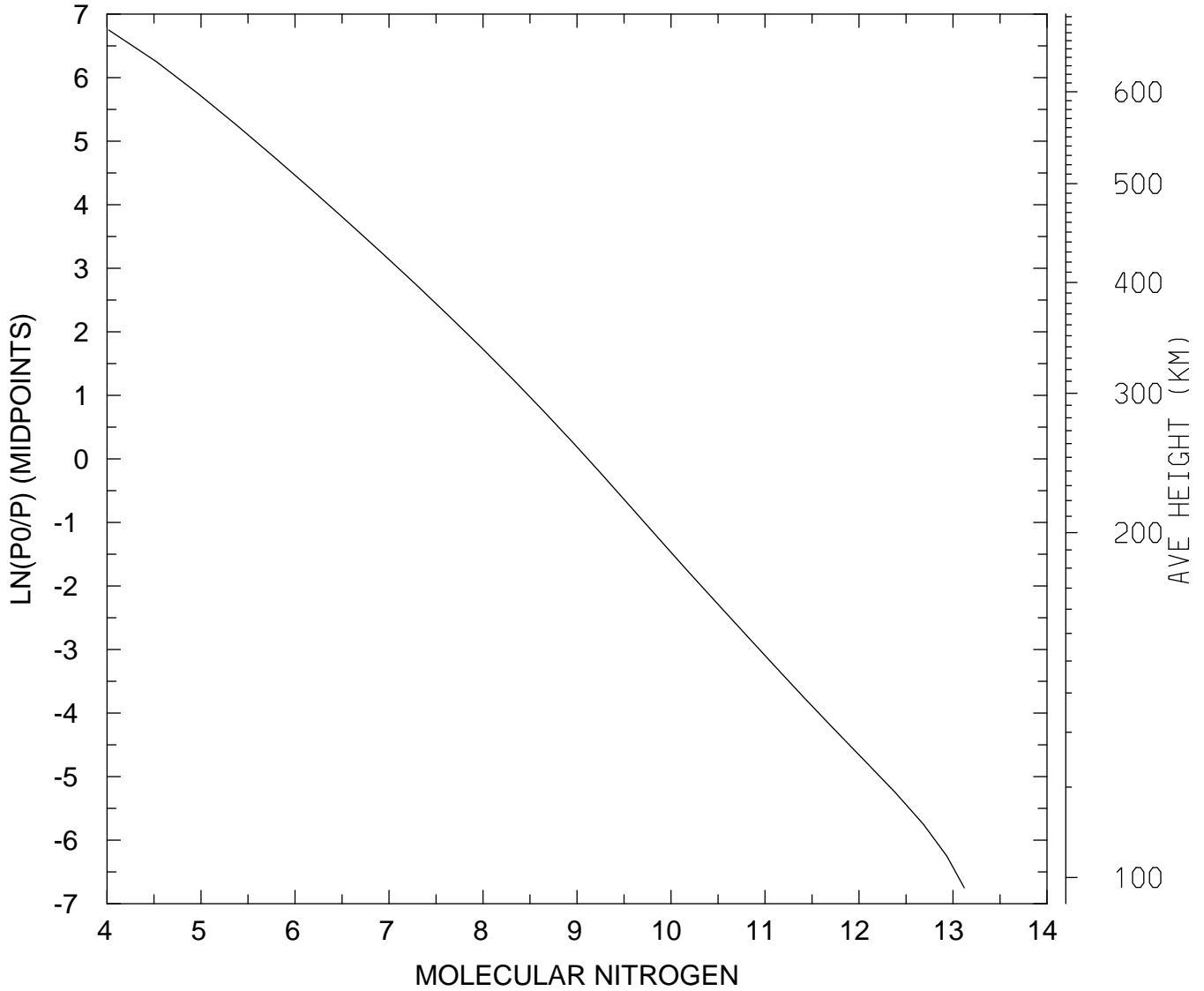
LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



MIN,MAX= 3.9317E+03 1.3426E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

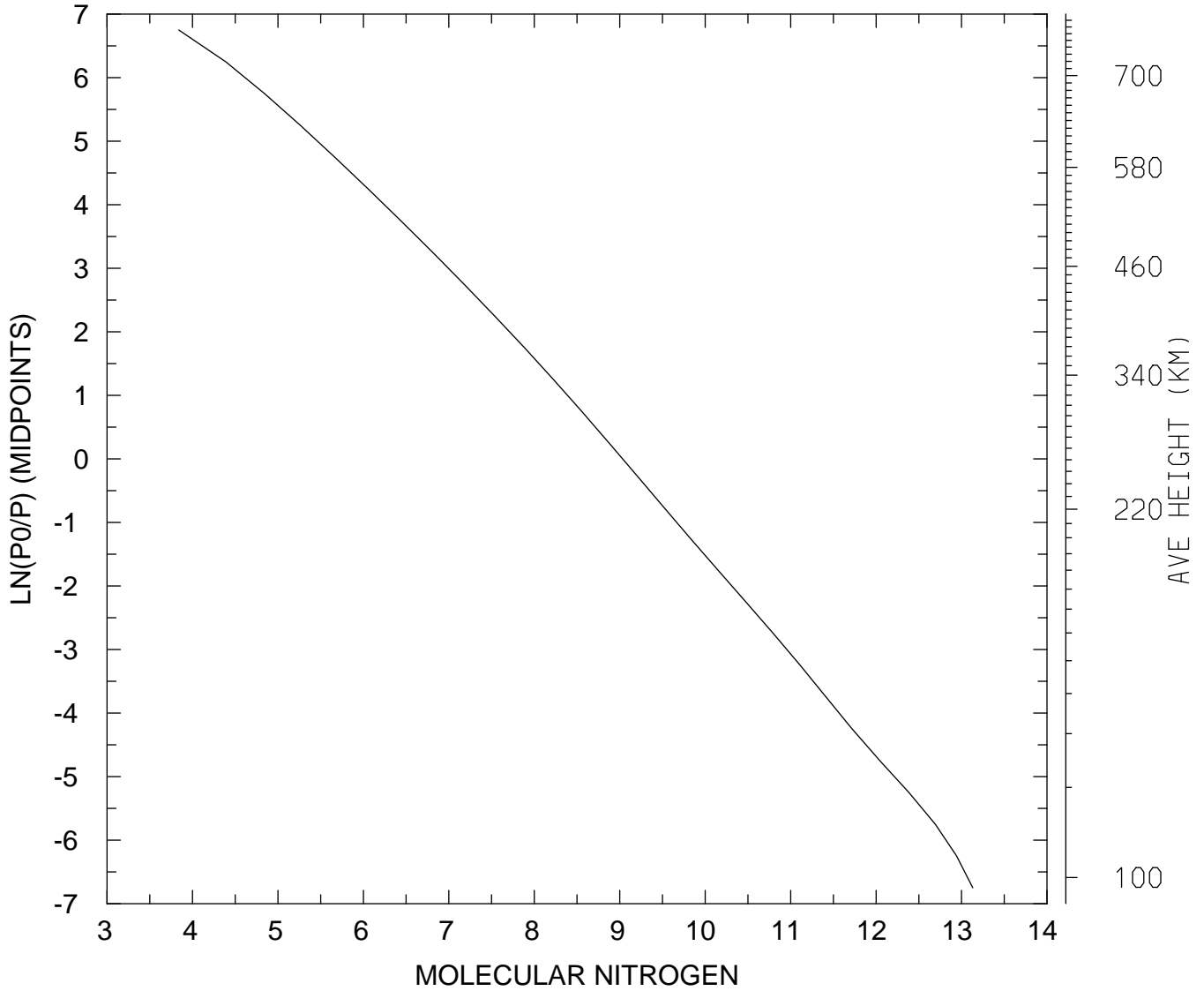


LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



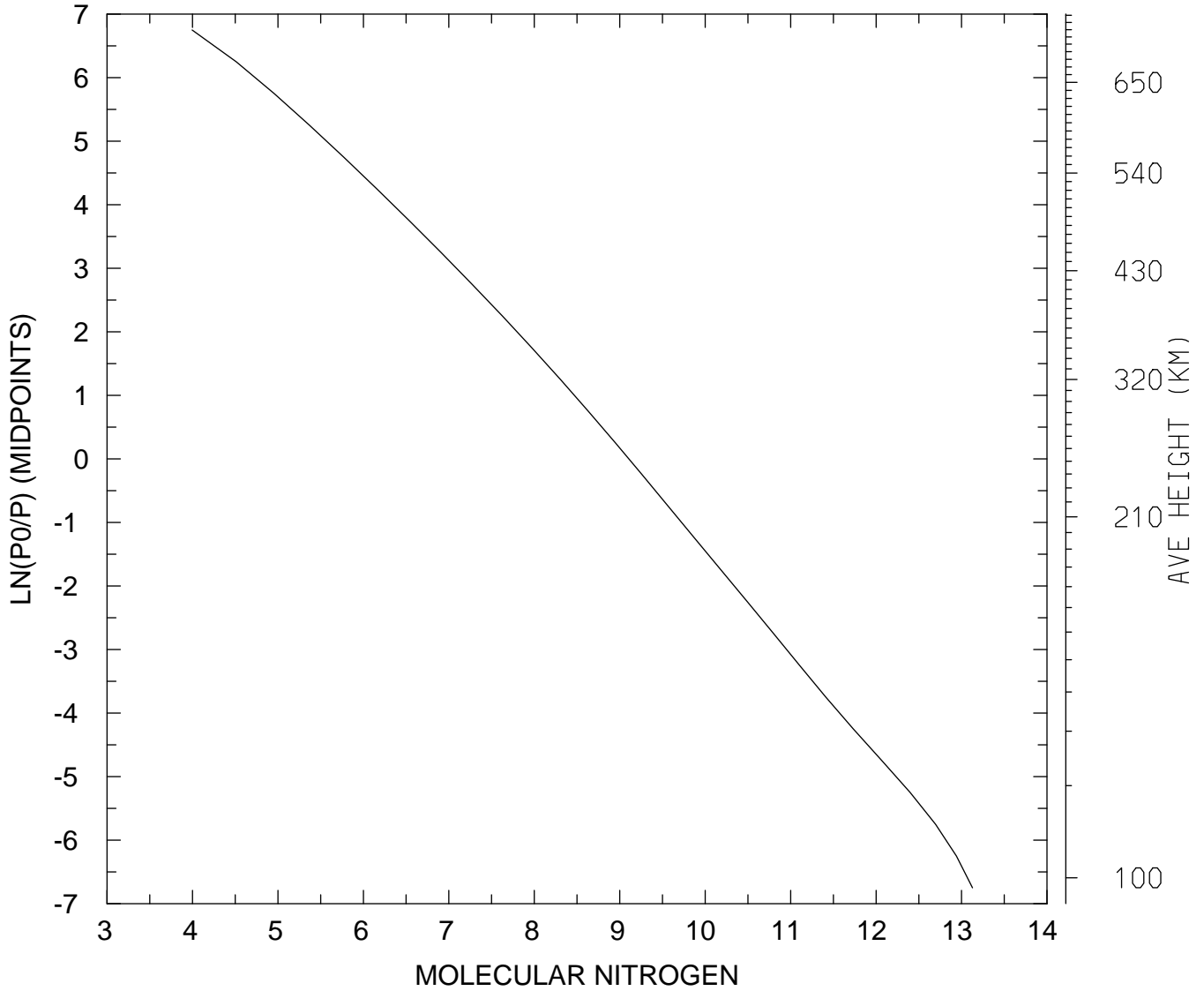
MIN,MAX= 1.0432E+04 1.3169E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



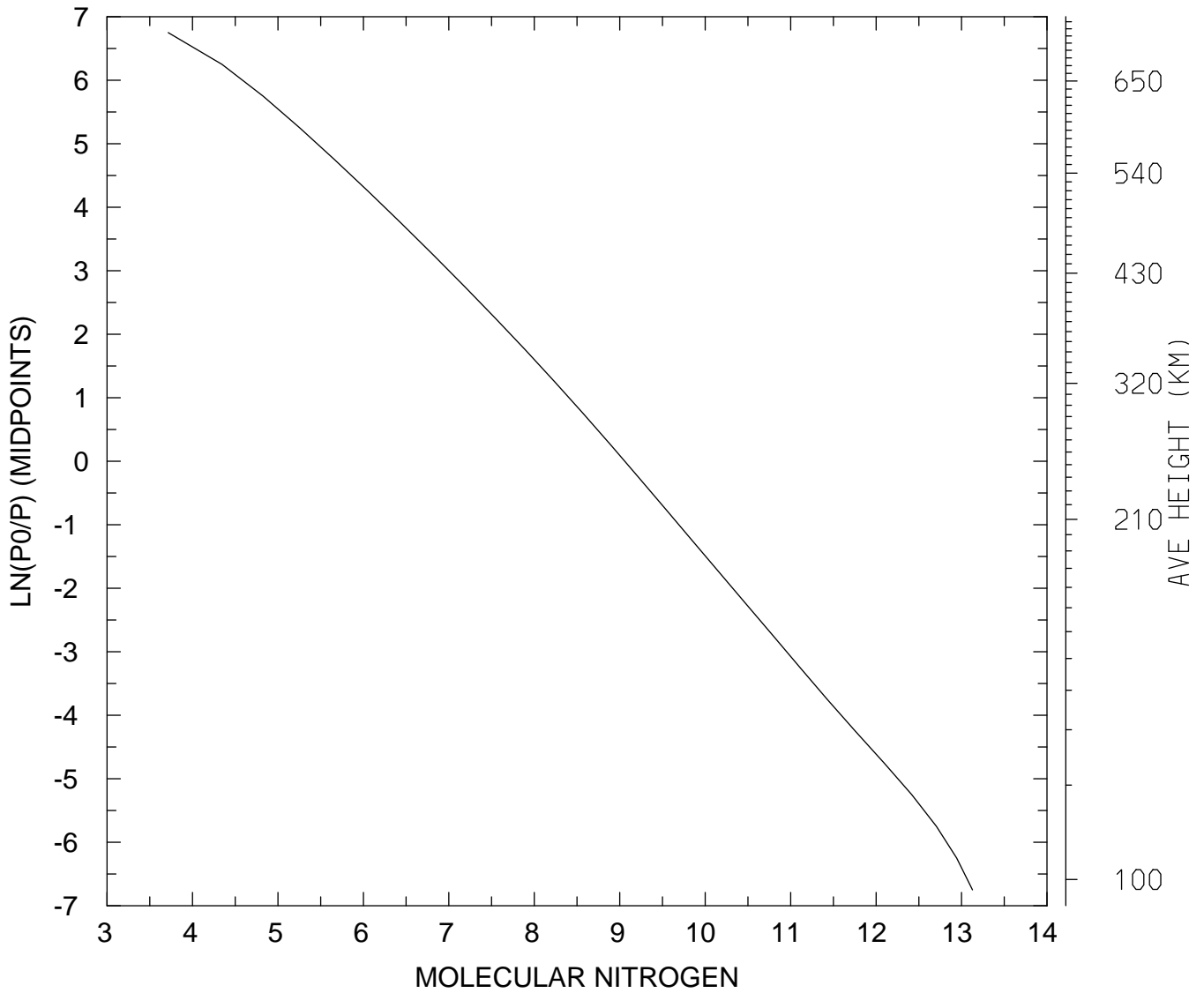
MIN,MAX= 6.9113E+03 1.3548E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



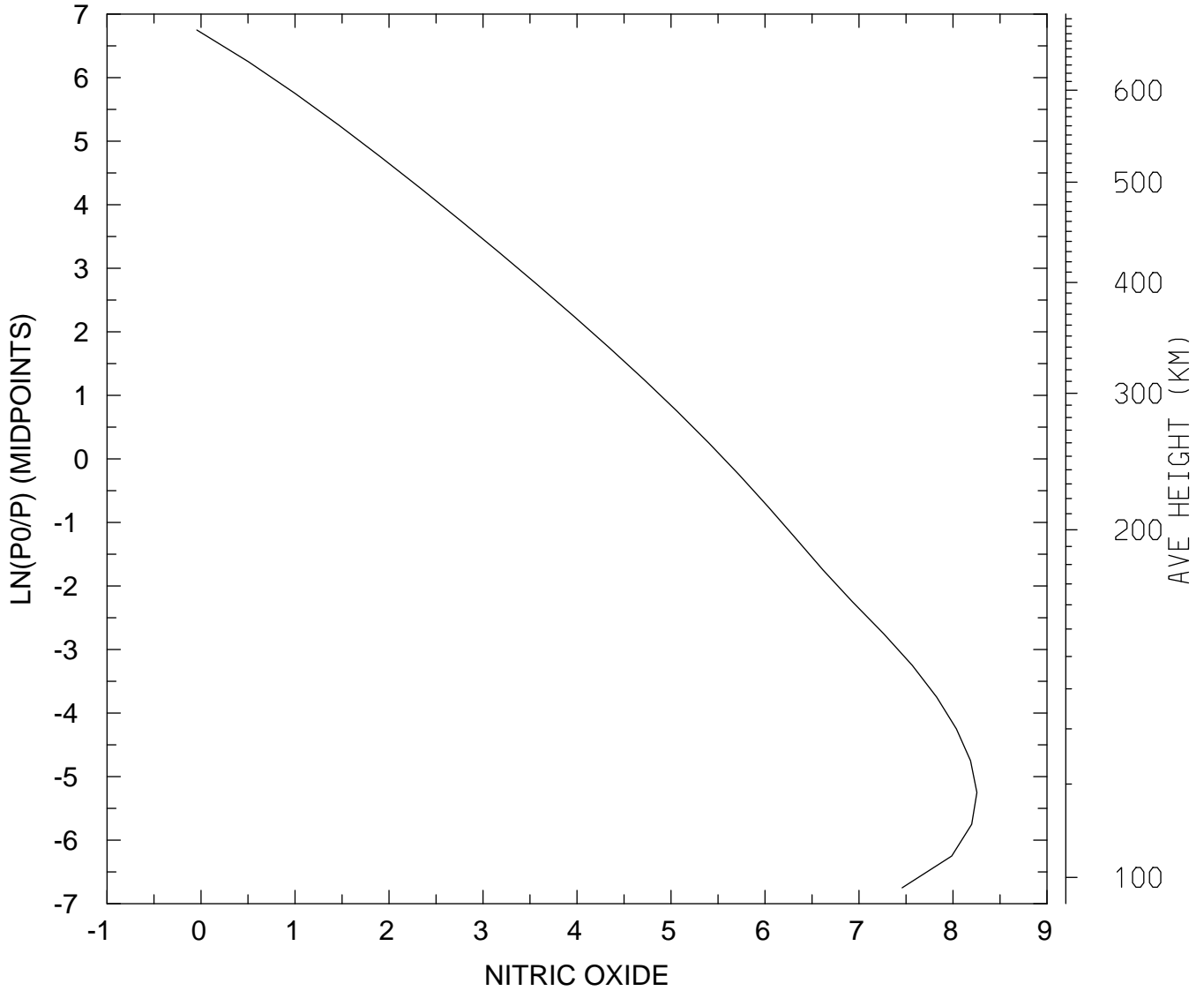
MIN,MAX= 9.9020E+03 1.3418E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 GLOBAL MEANS



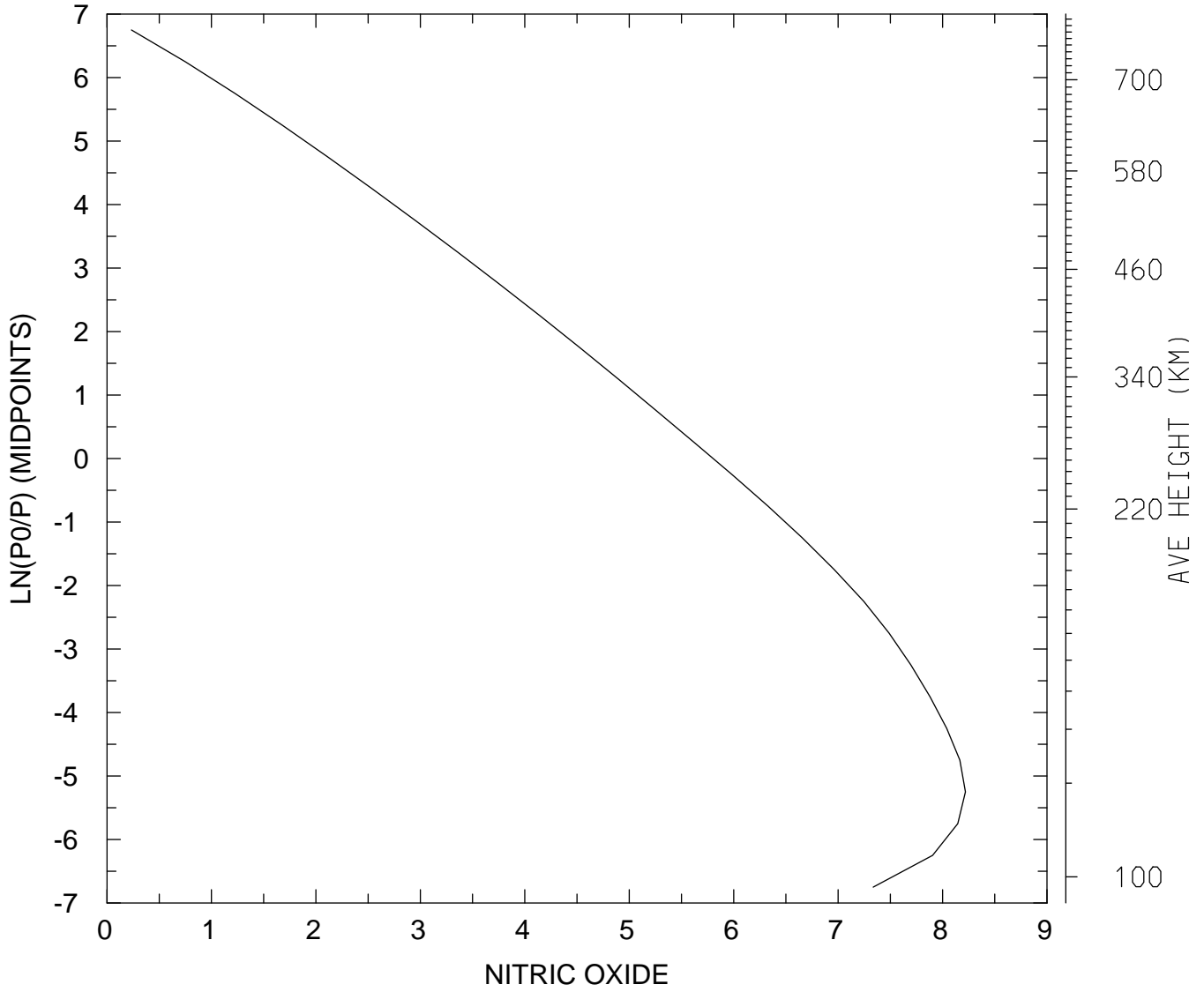
MIN,MAX= 5.2056E+03 1.3427E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



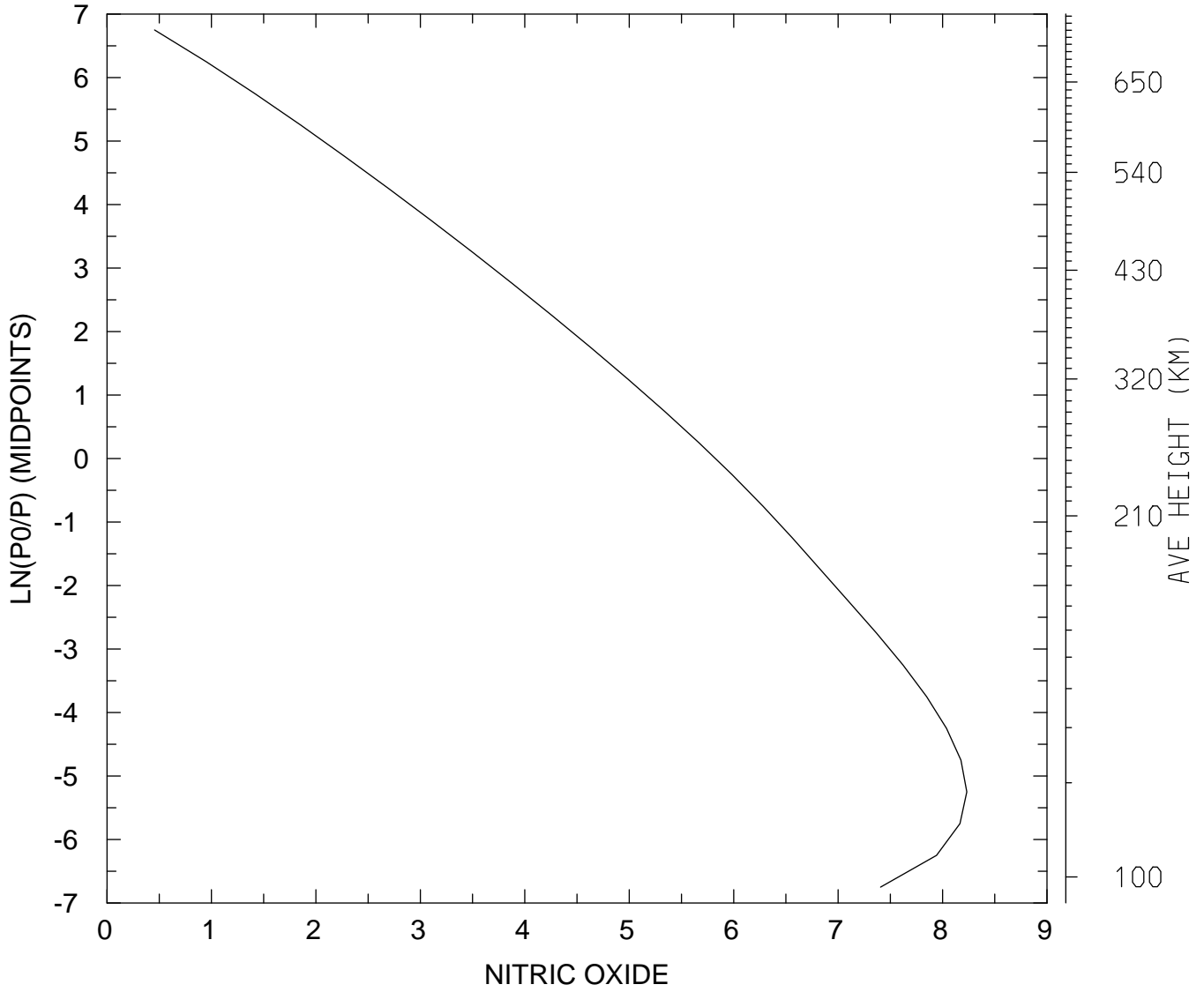
MIN,MAX= 9.0317E-01 1.7933E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



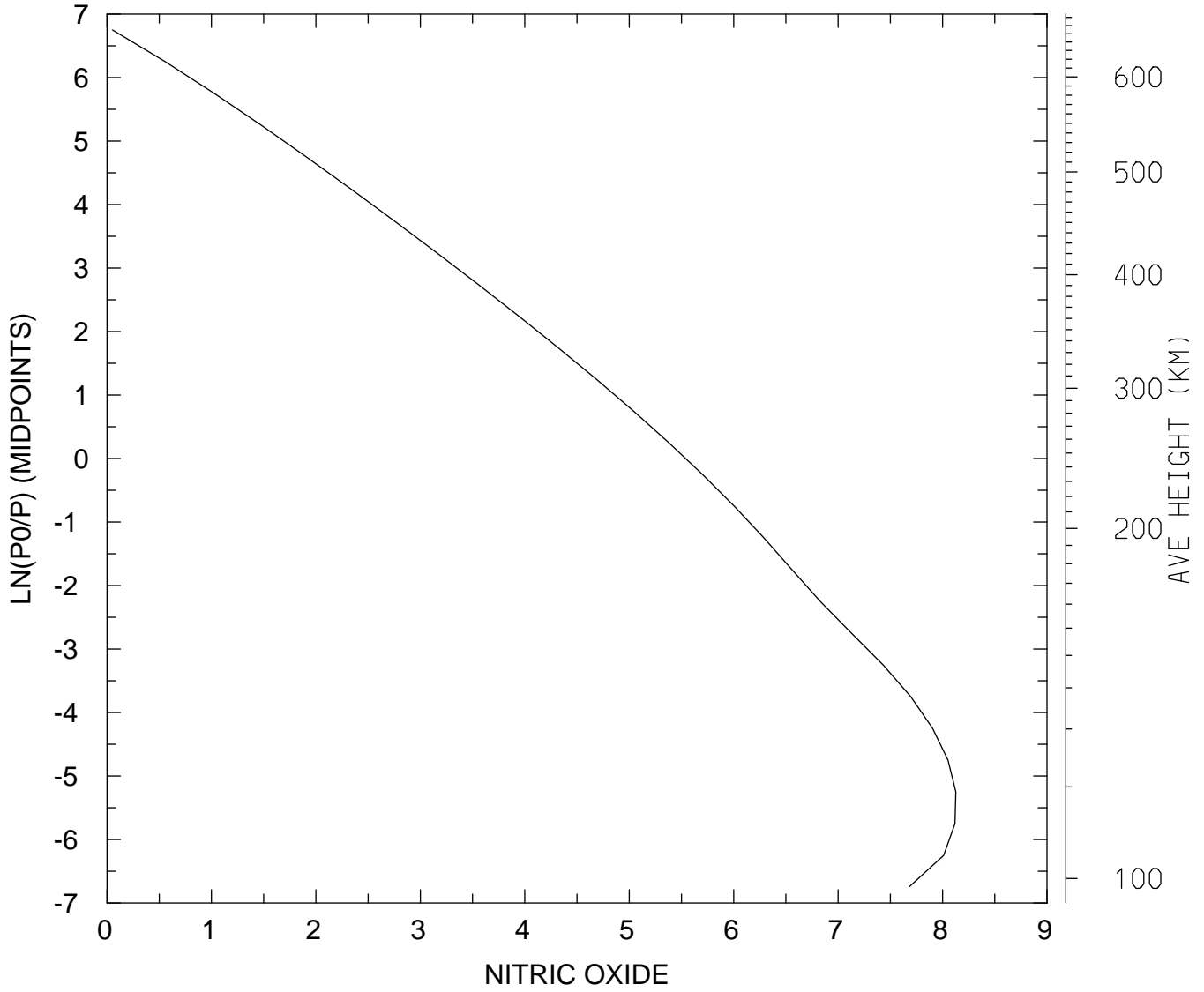
MIN,MAX= 1.7132E+00 1.6560E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 2.8536E+00 1.7071E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

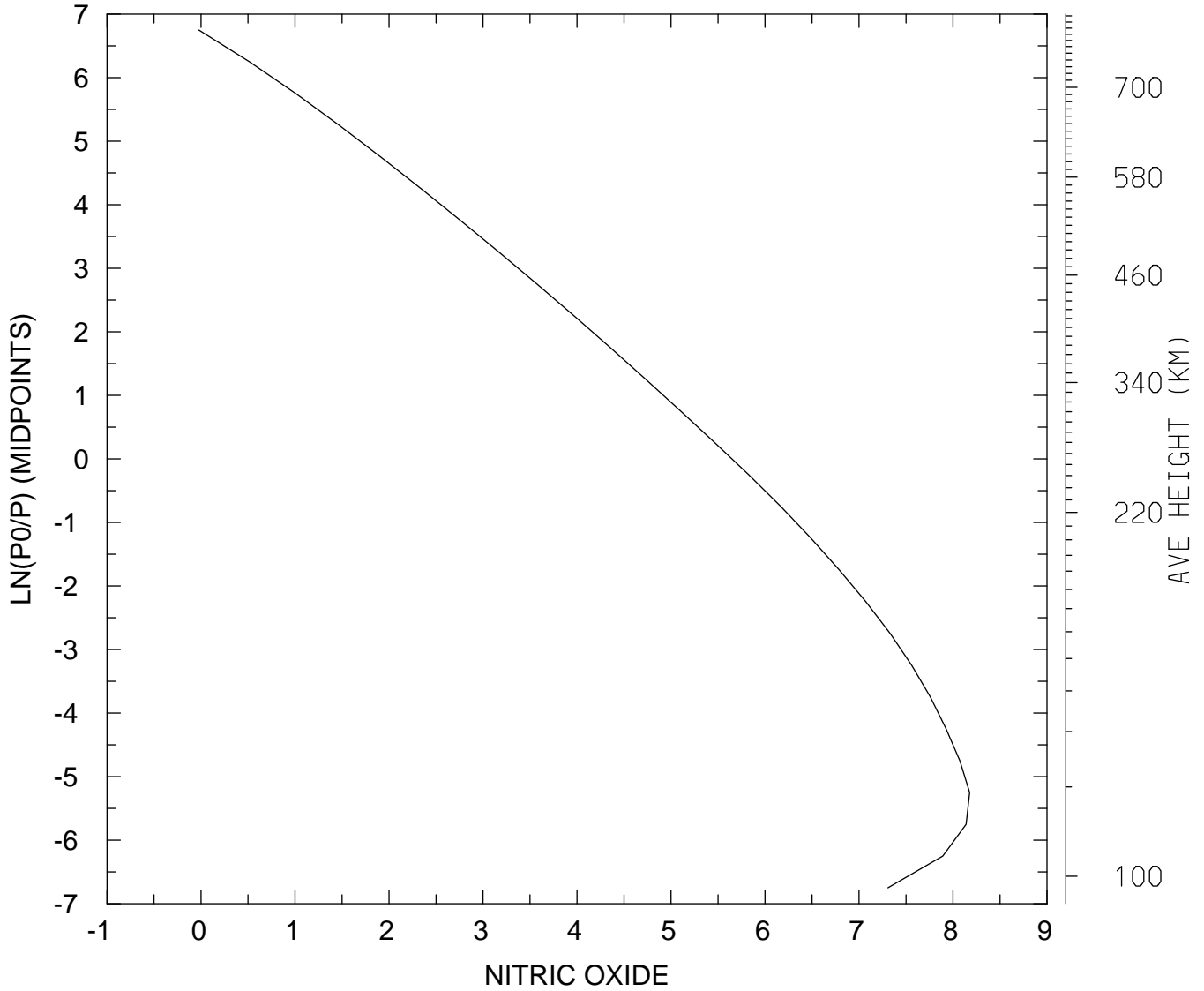
LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



MIN,MAX= 1.1295E+00 1.3399E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

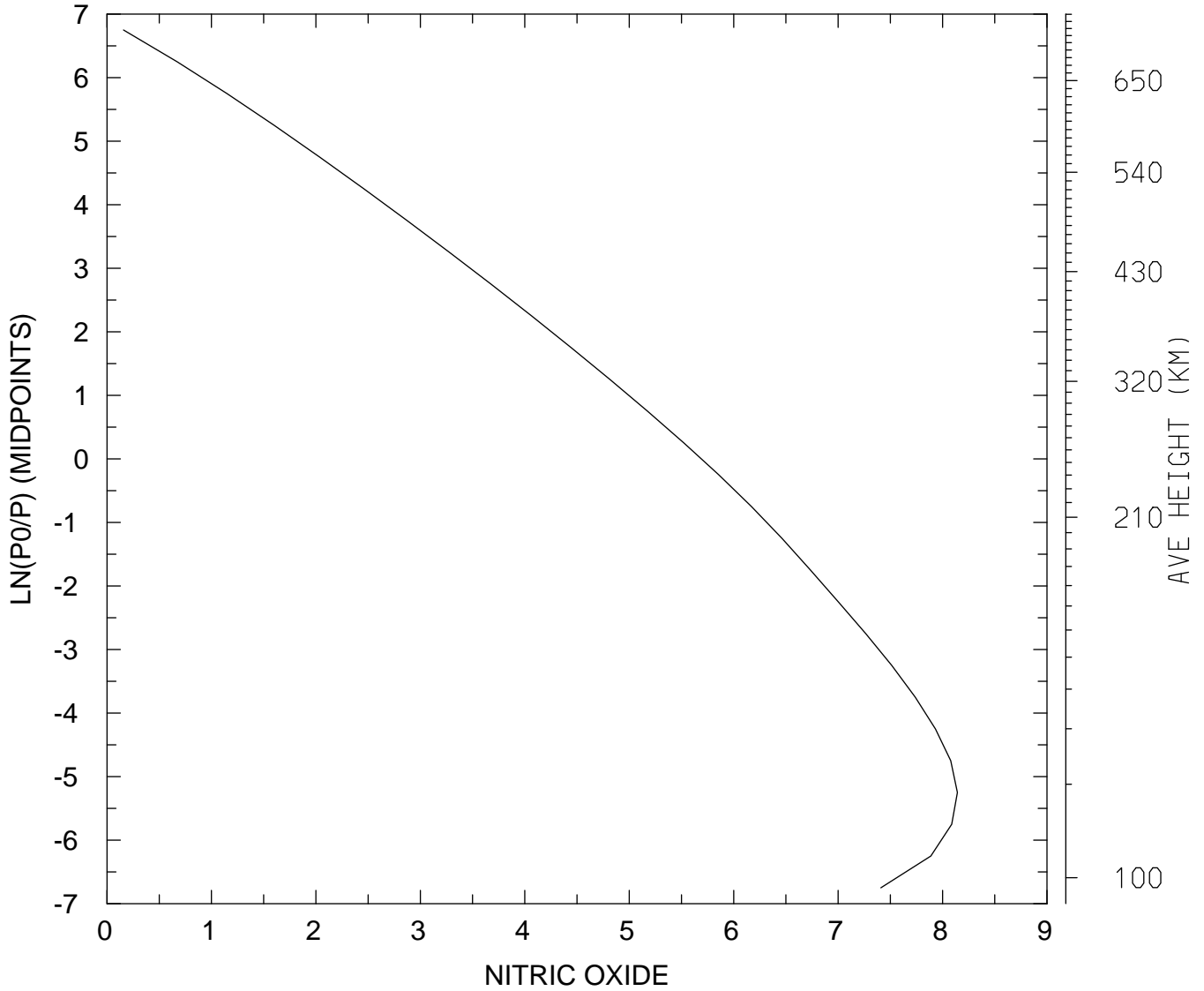


LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



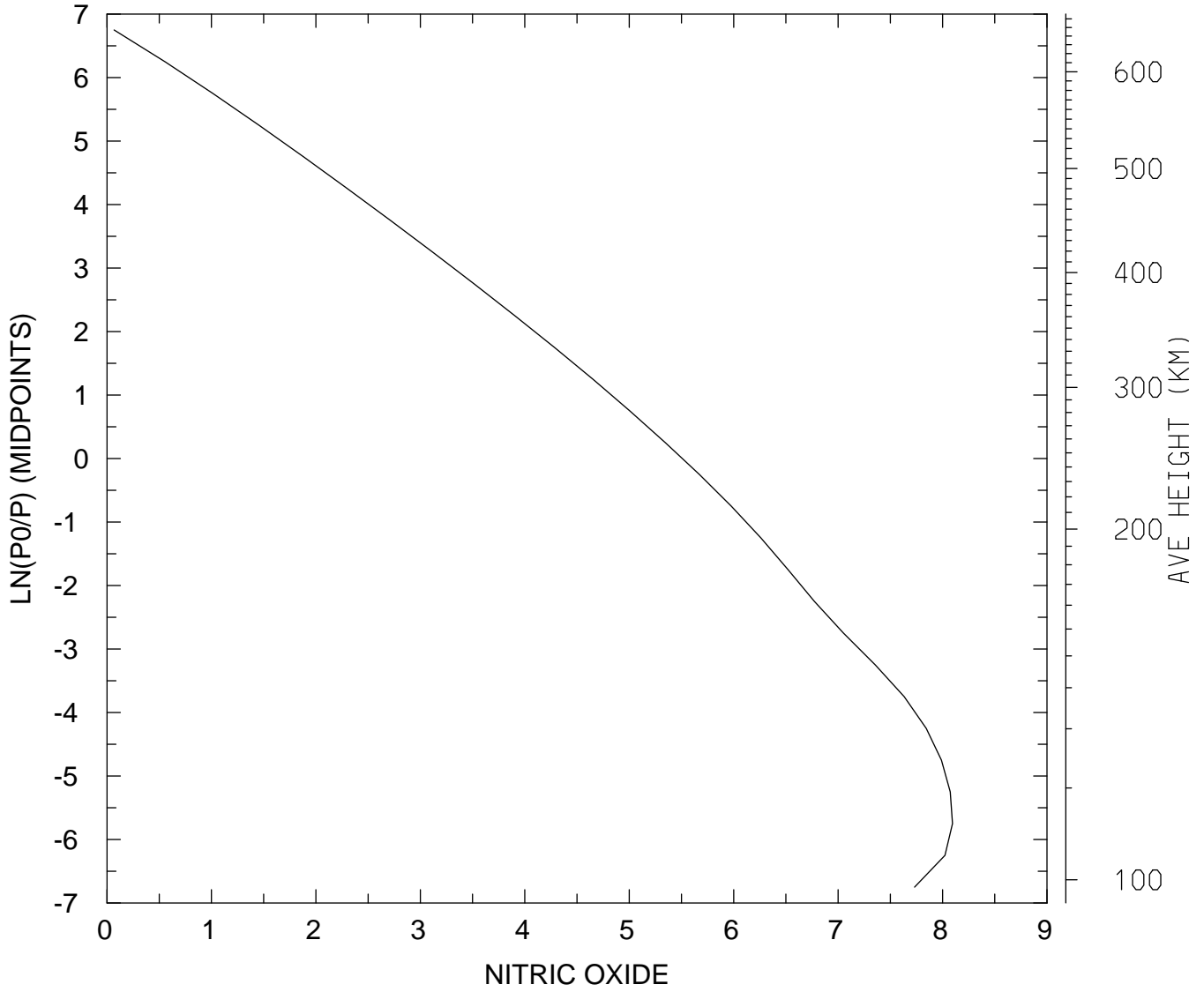
MIN,MAX= 9.4681E-01 1.5012E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



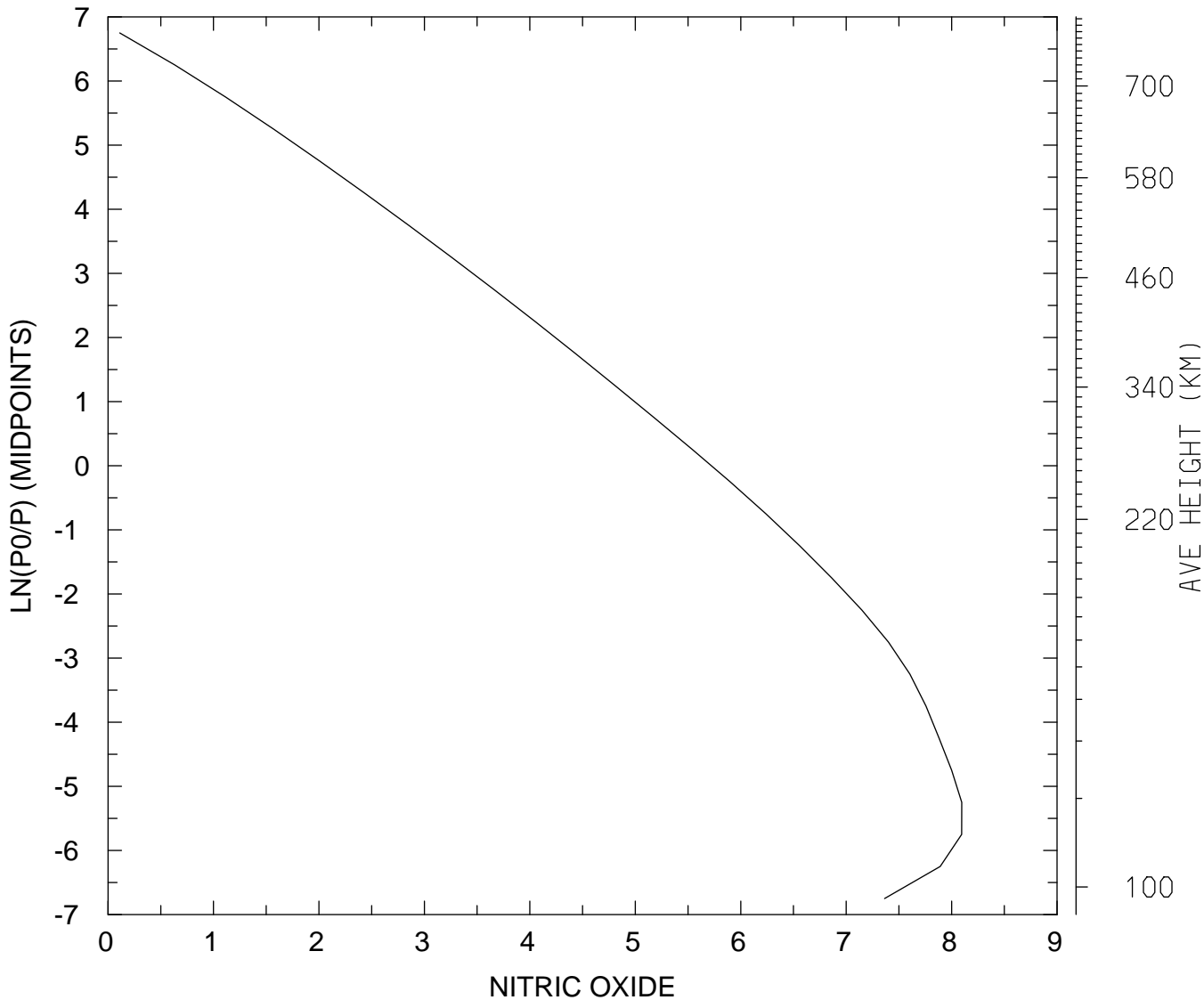
MIN,MAX= 1.4382E+00 1.3881E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



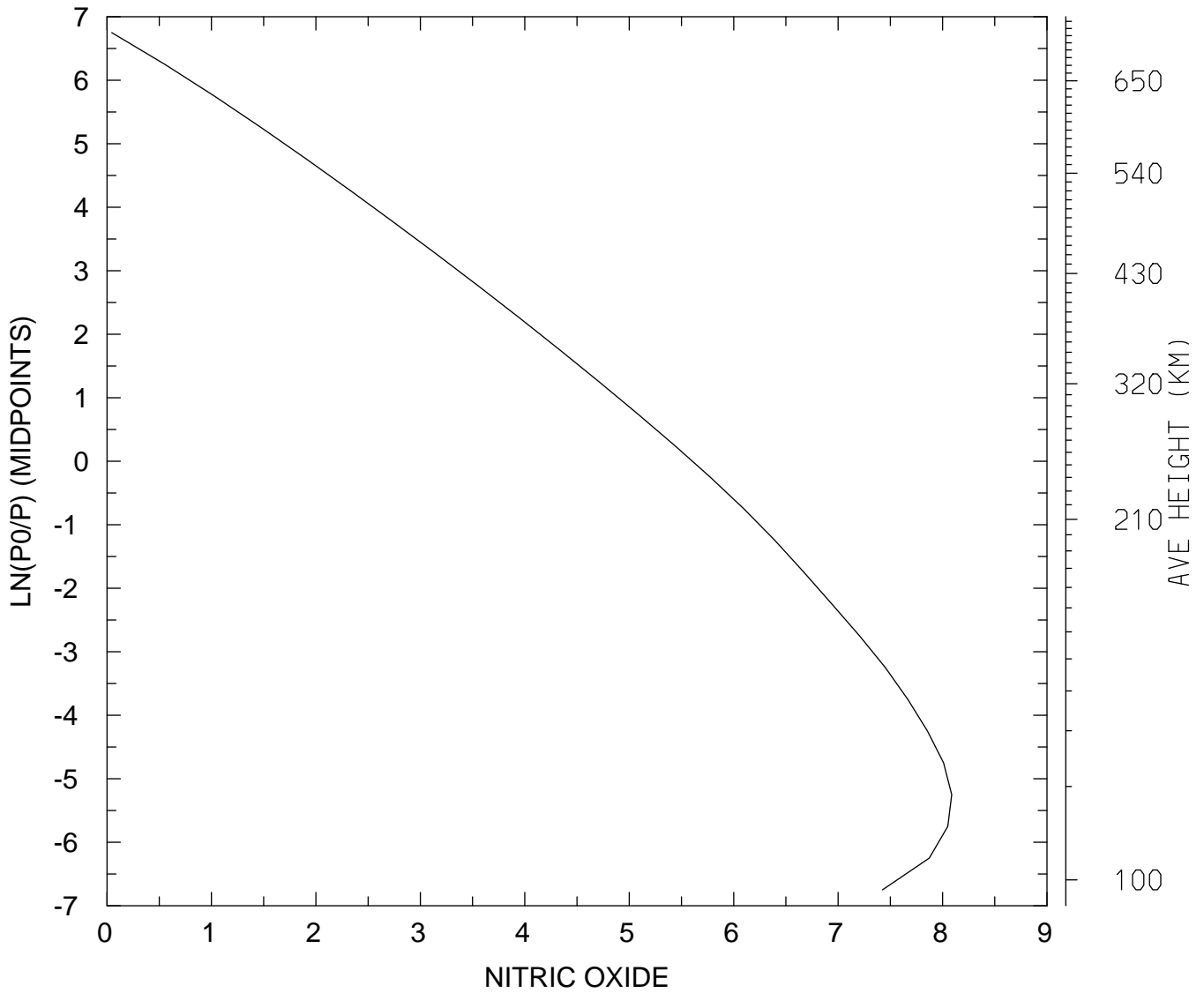
MIN,MAX= 1.1690E+00 1.2440E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



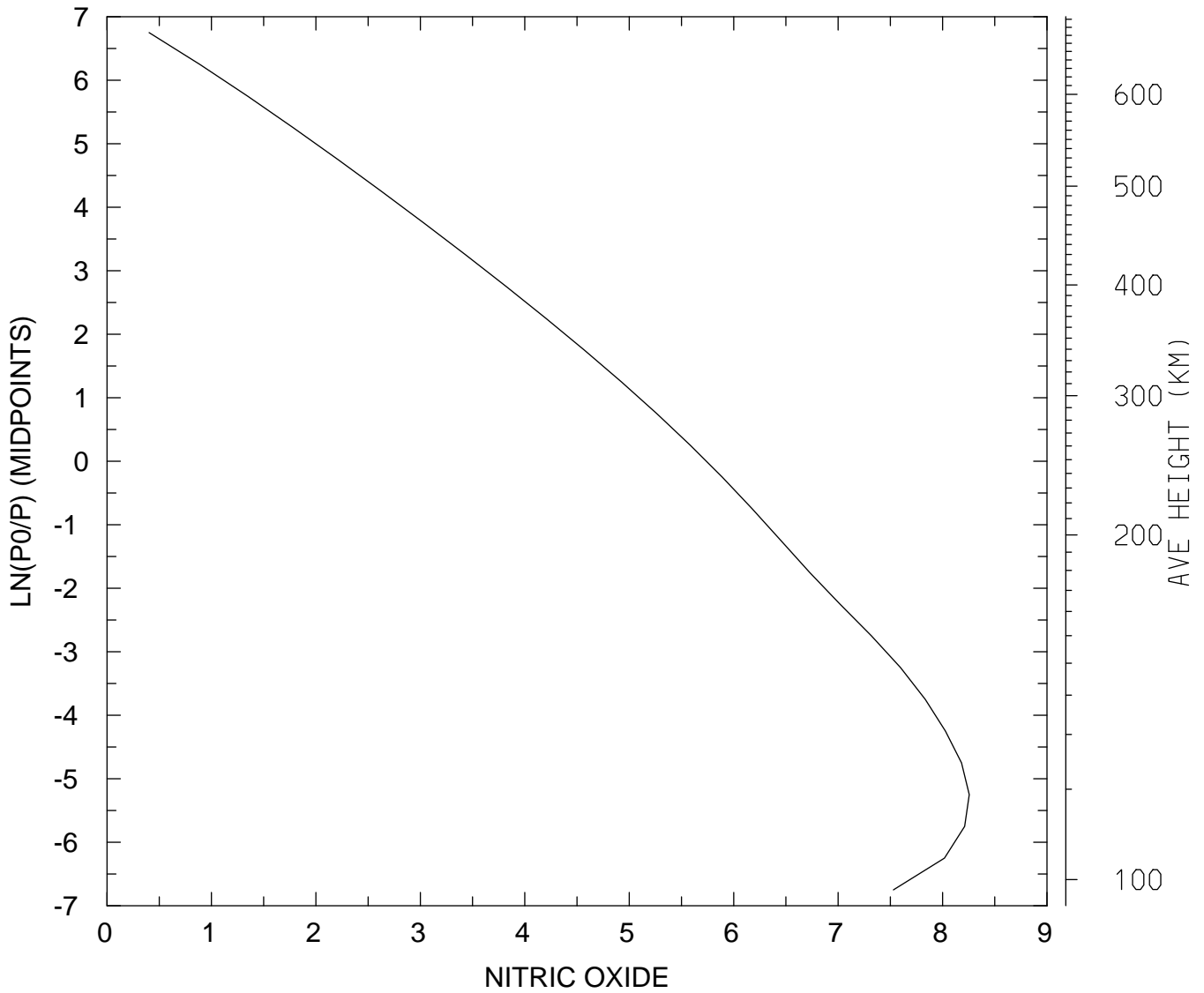
MIN,MAX= 1.2905E+00 1.2483E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



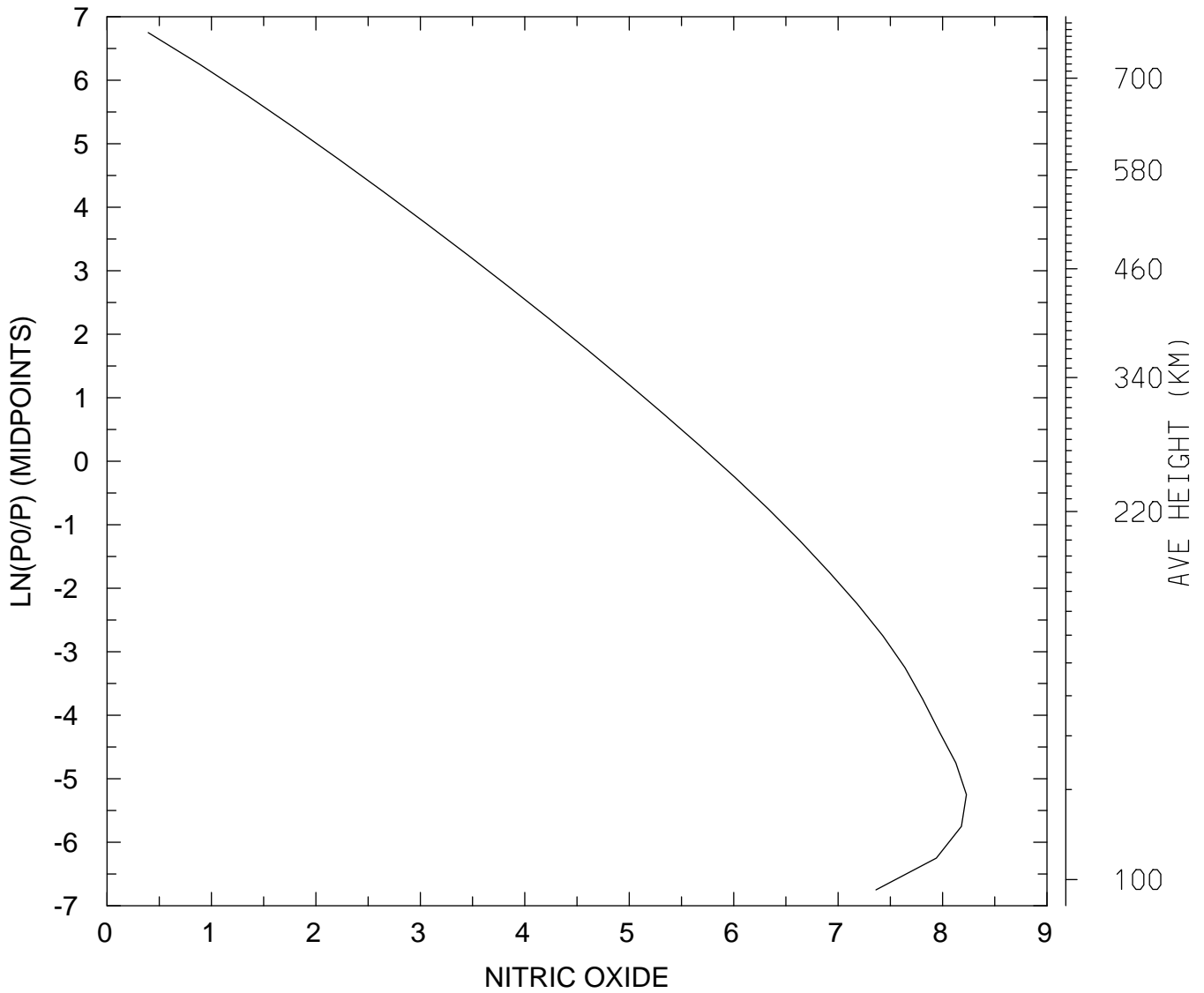
MIN,MAX= 1.1086E+00 1.2233E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



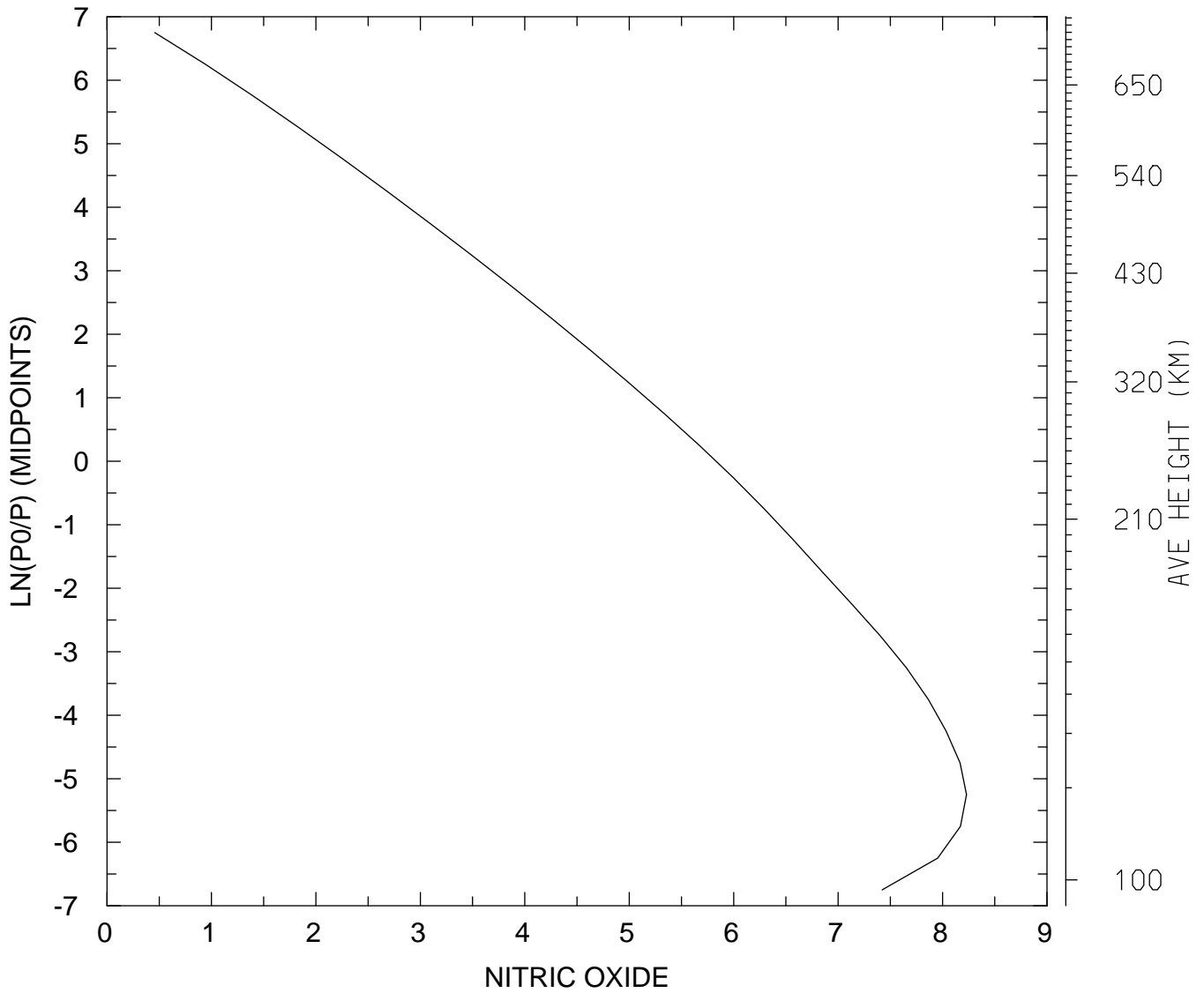
MIN,MAX= 2.5251E+00 1.8007E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



MIN,MAX= 2.4790E+00 1.6922E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

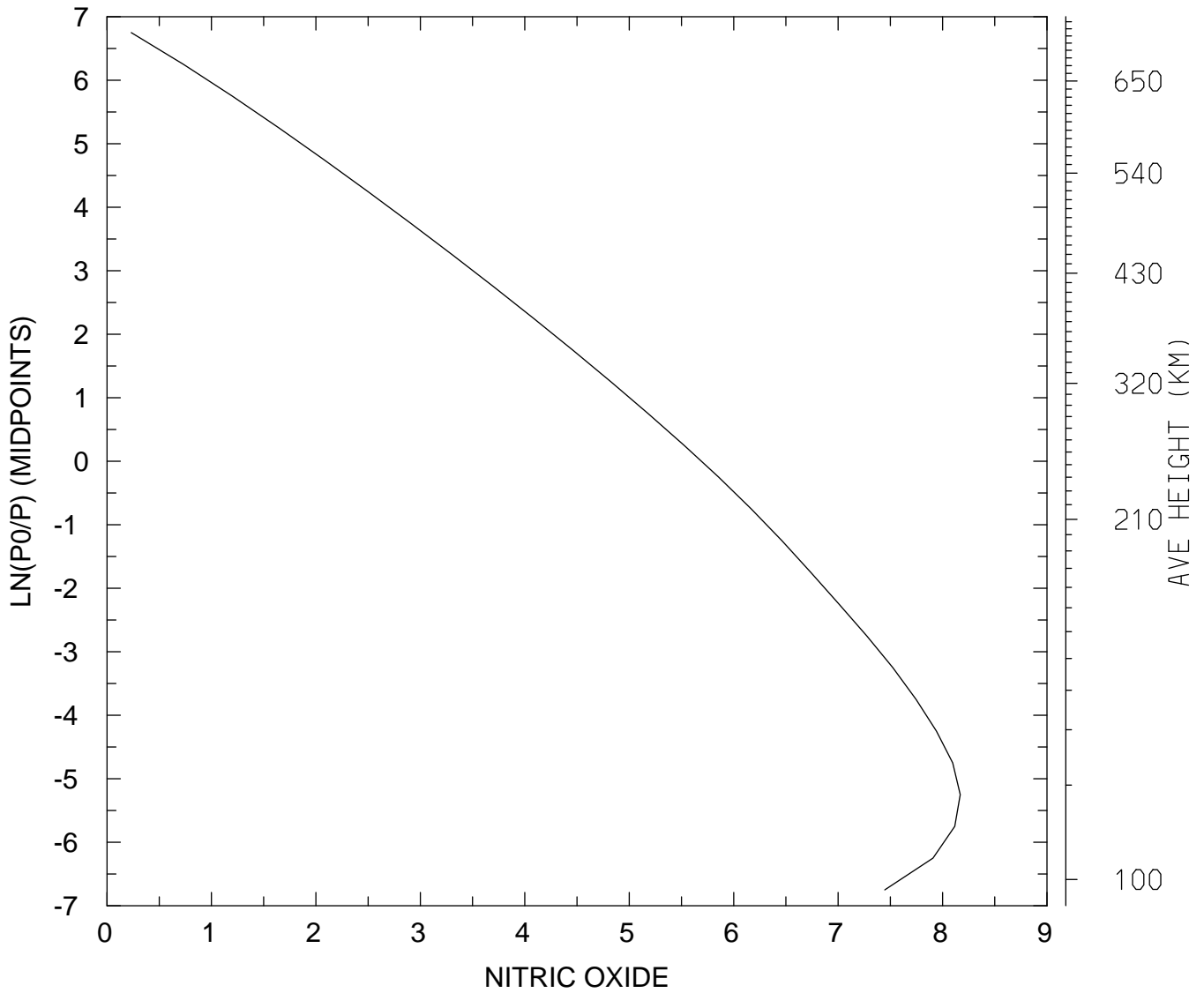
LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



MIN,MAX= 2.8664E+00 1.6952E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

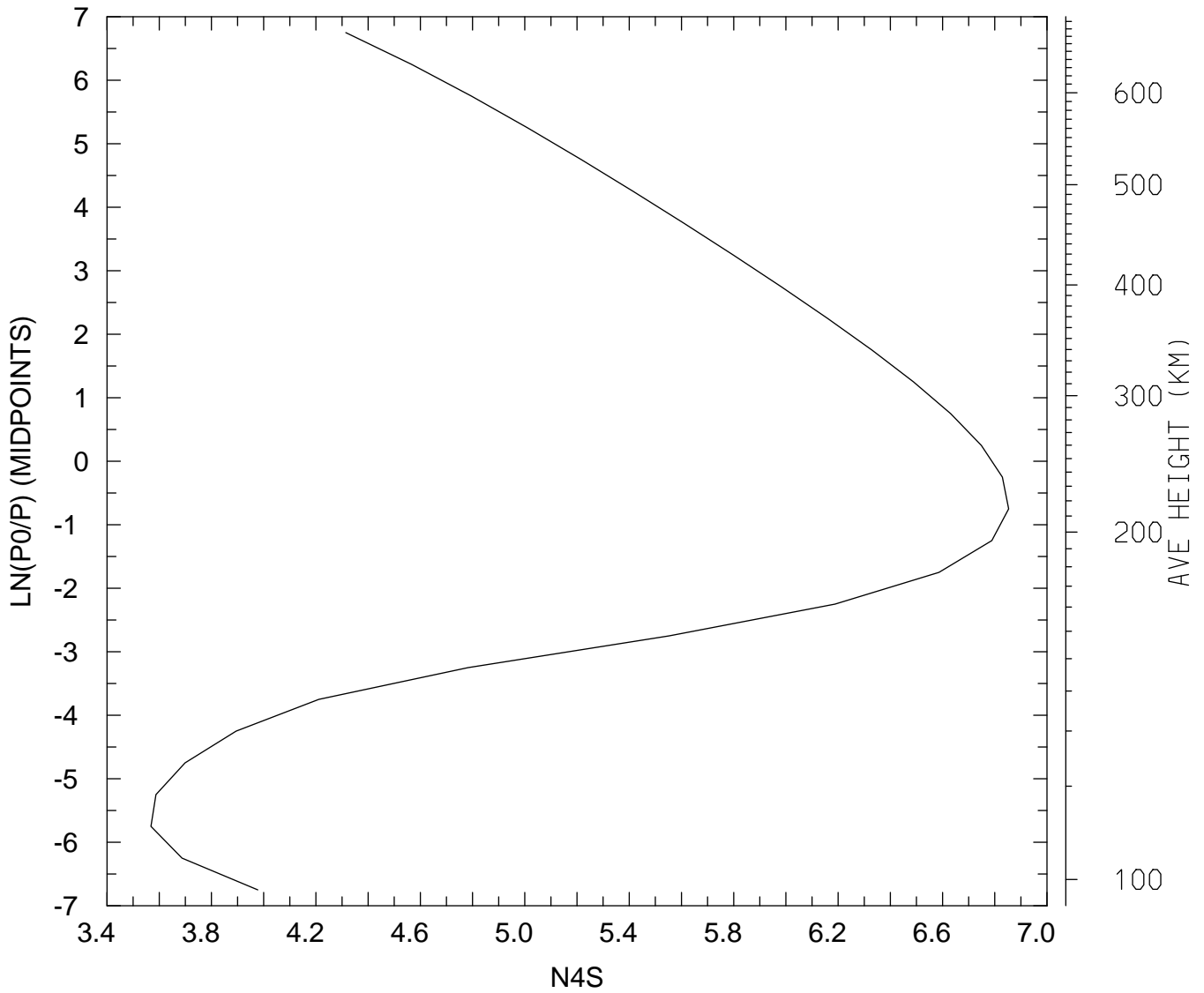


LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 GLOBAL MEANS



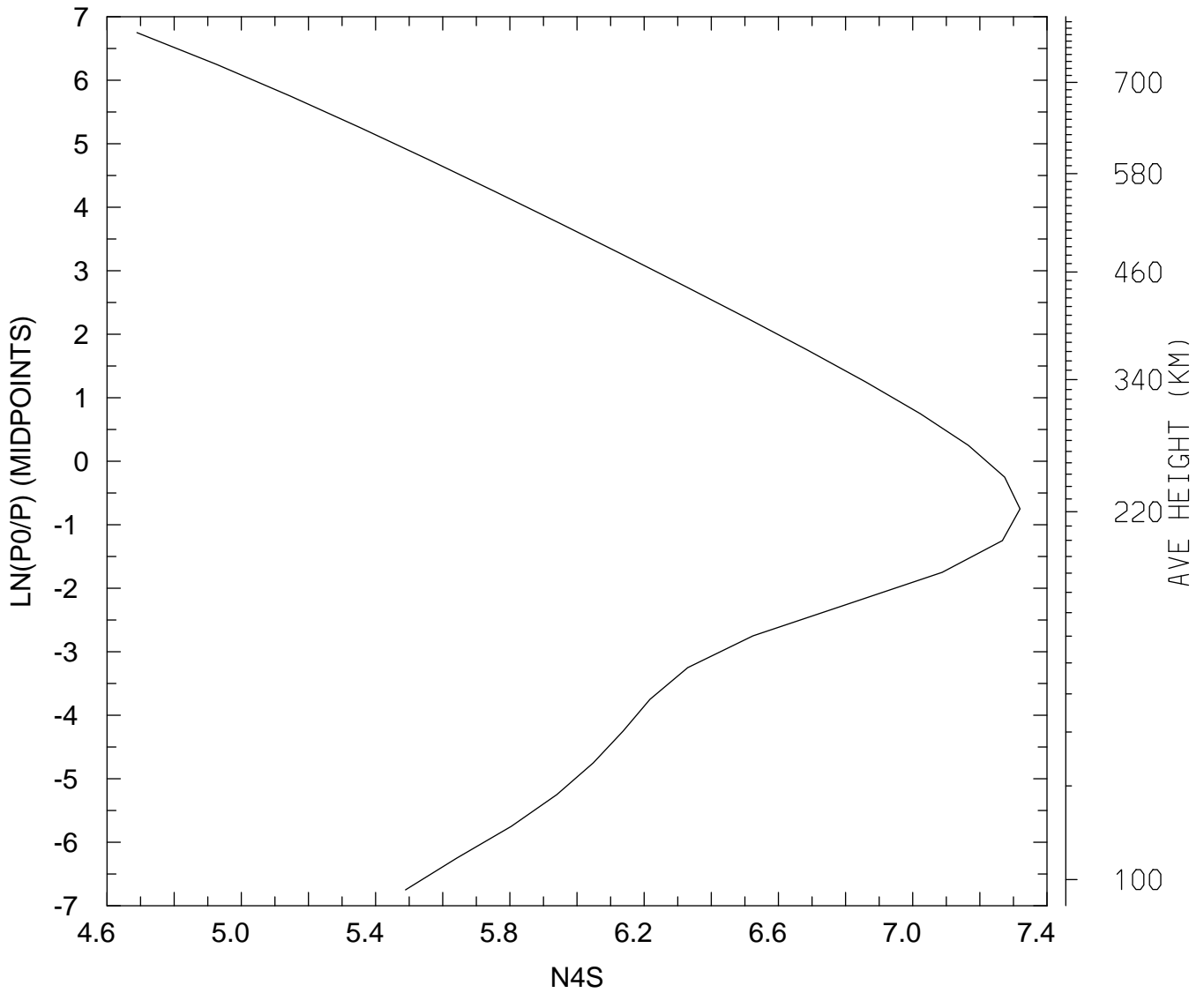
MIN,MAX= 1.7054E+00 1.4759E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



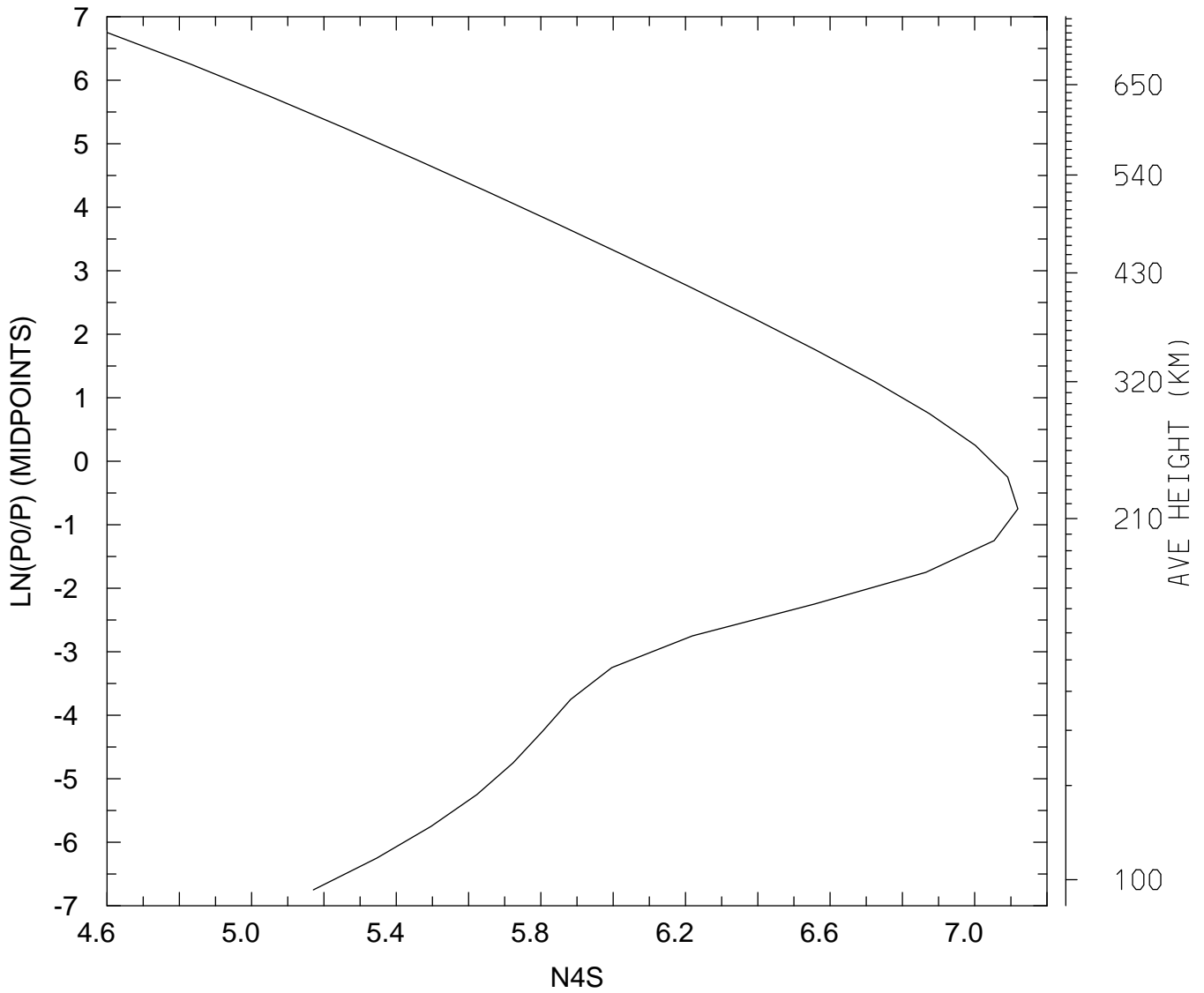
MIN,MAX= 3.6984E+03 7.1322E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



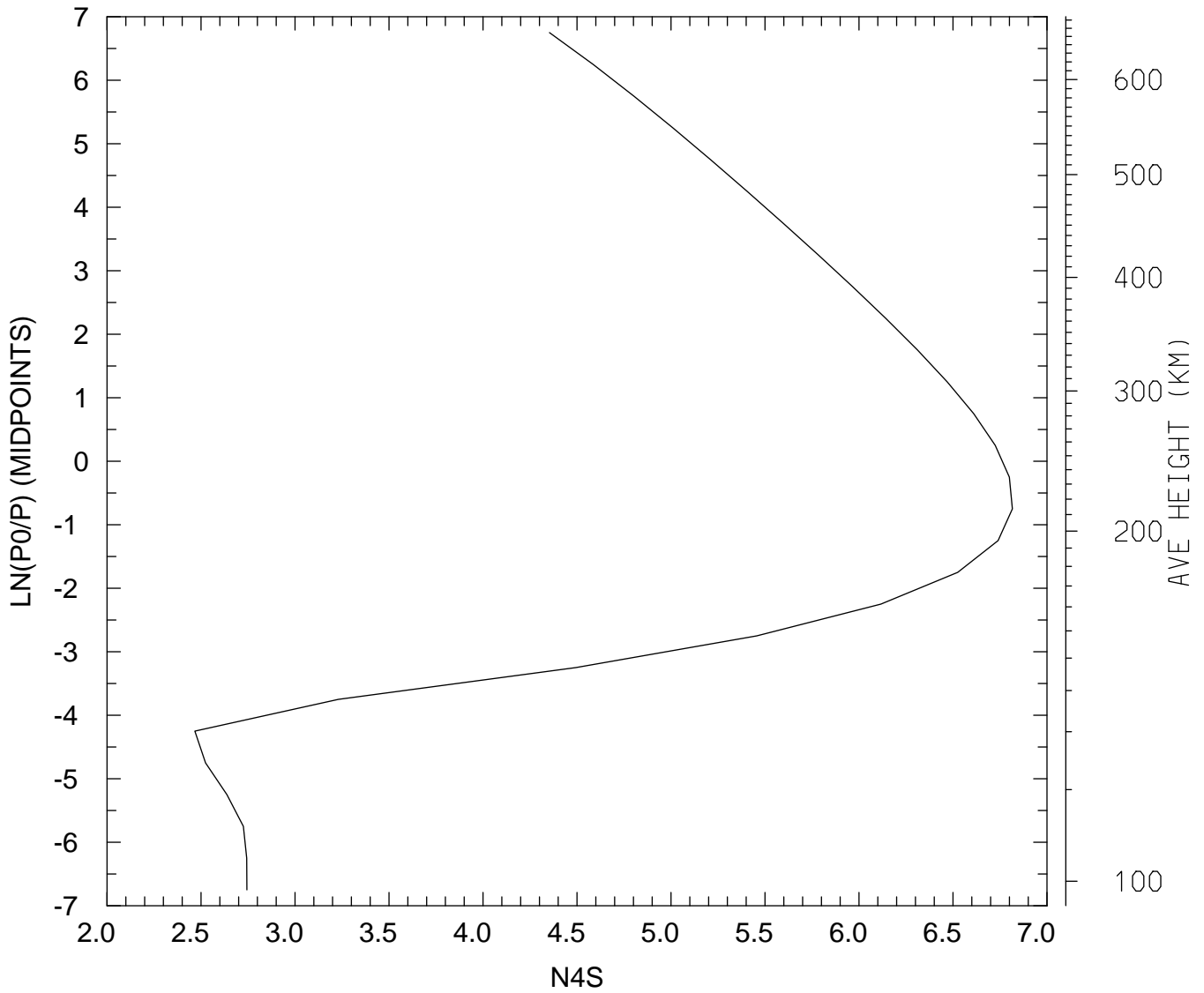
MIN,MAX= 4.8884E+04 2.0874E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



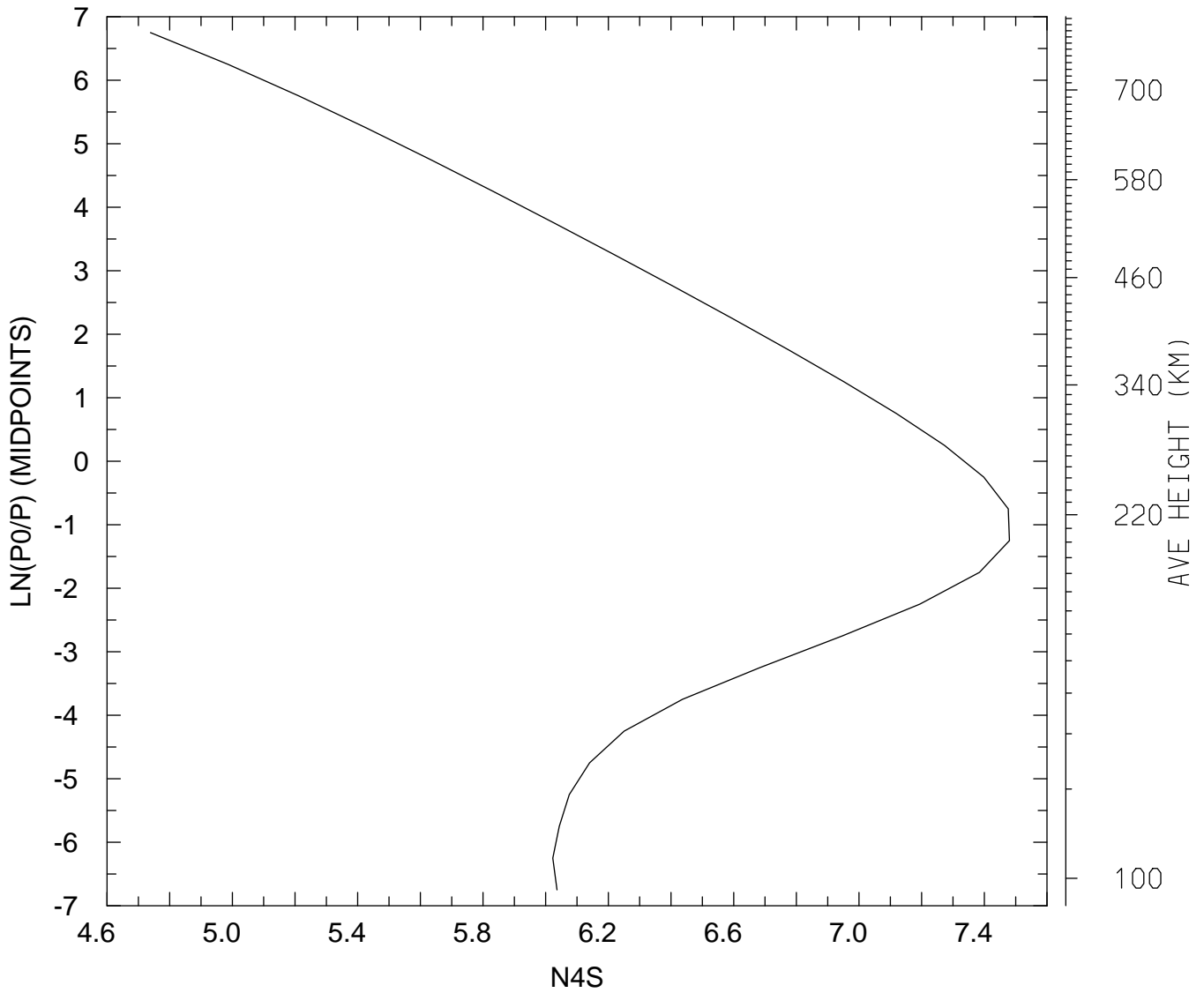
MIN,MAX= 3.9890E+04 1.3163E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



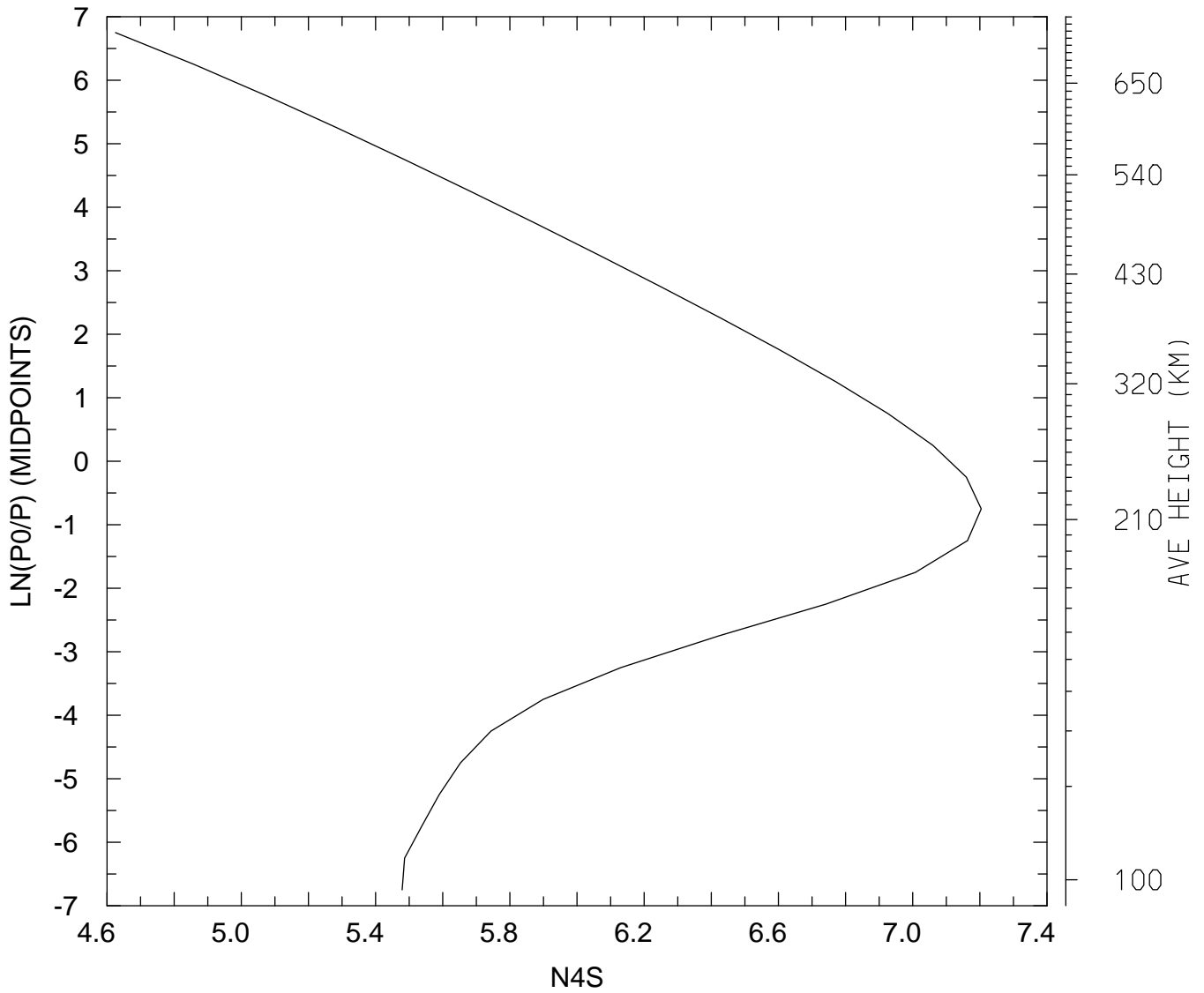
MIN,MAX= 2.9324E+02 6.5435E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



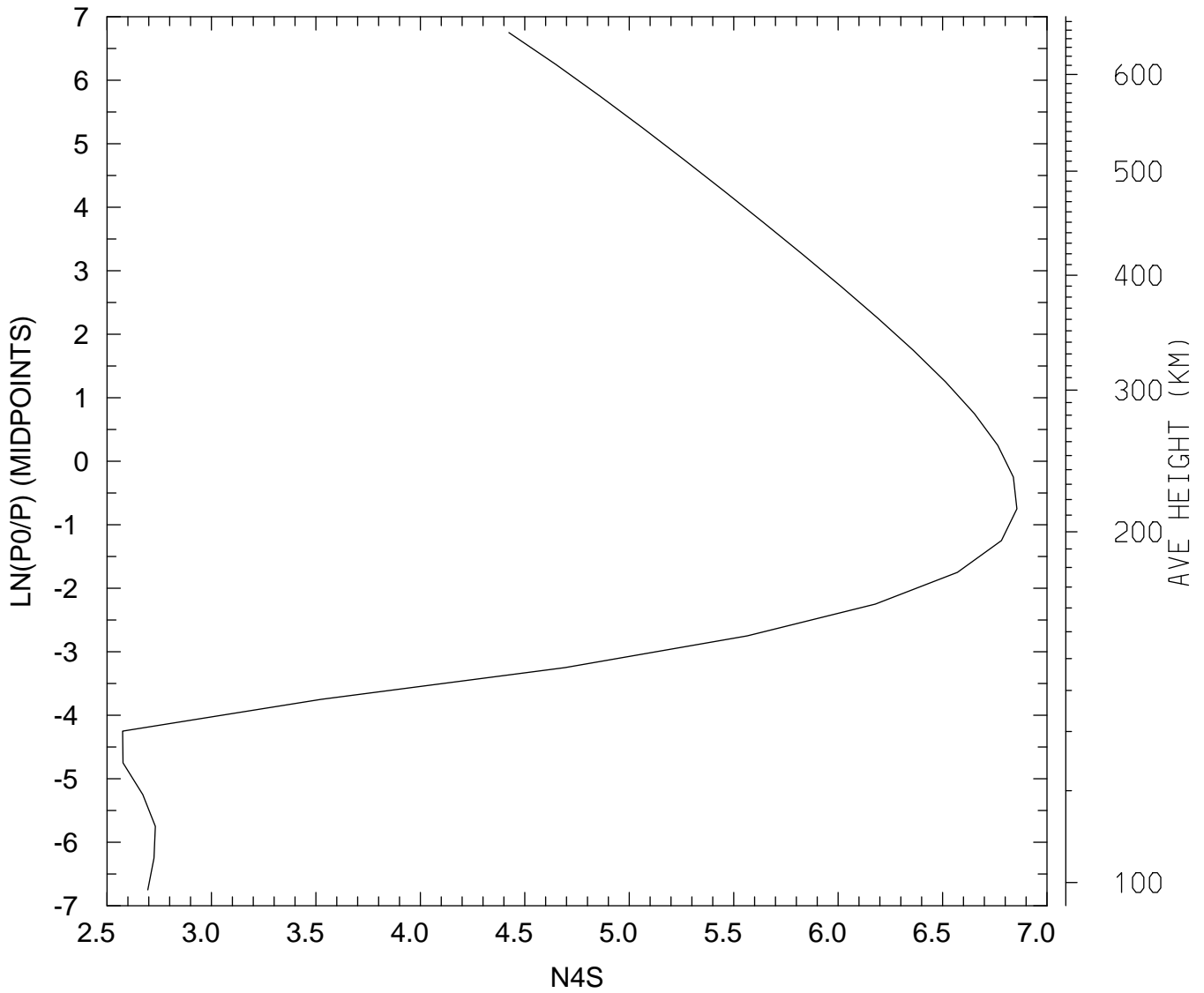
MIN,MAX= 5.4788E+04 3.0200E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



MIN,MAX= 4.2172E+04 1.5992E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

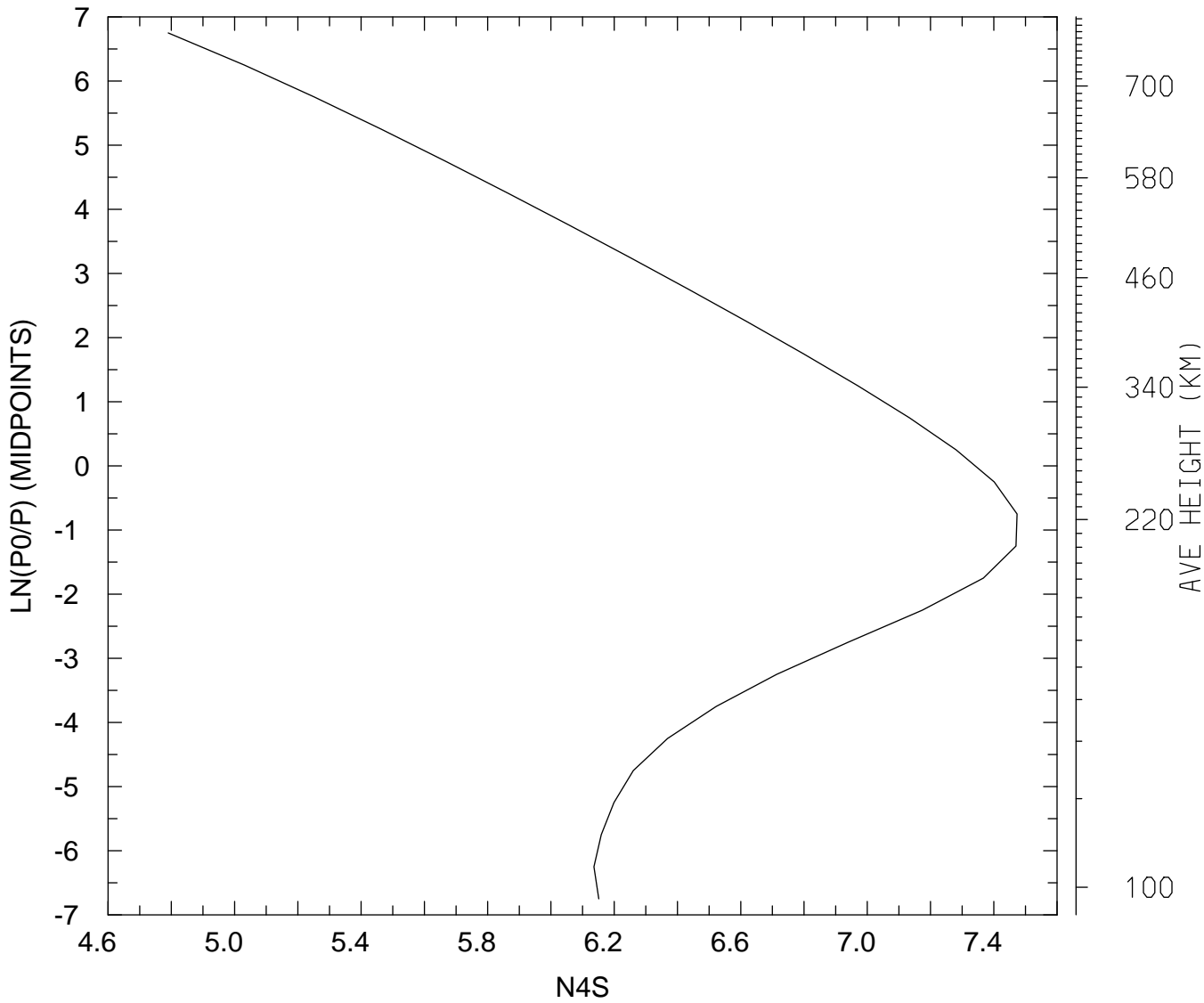
LOG10 N4S (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



MIN,MAX= 3.7552E+02 7.1775E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

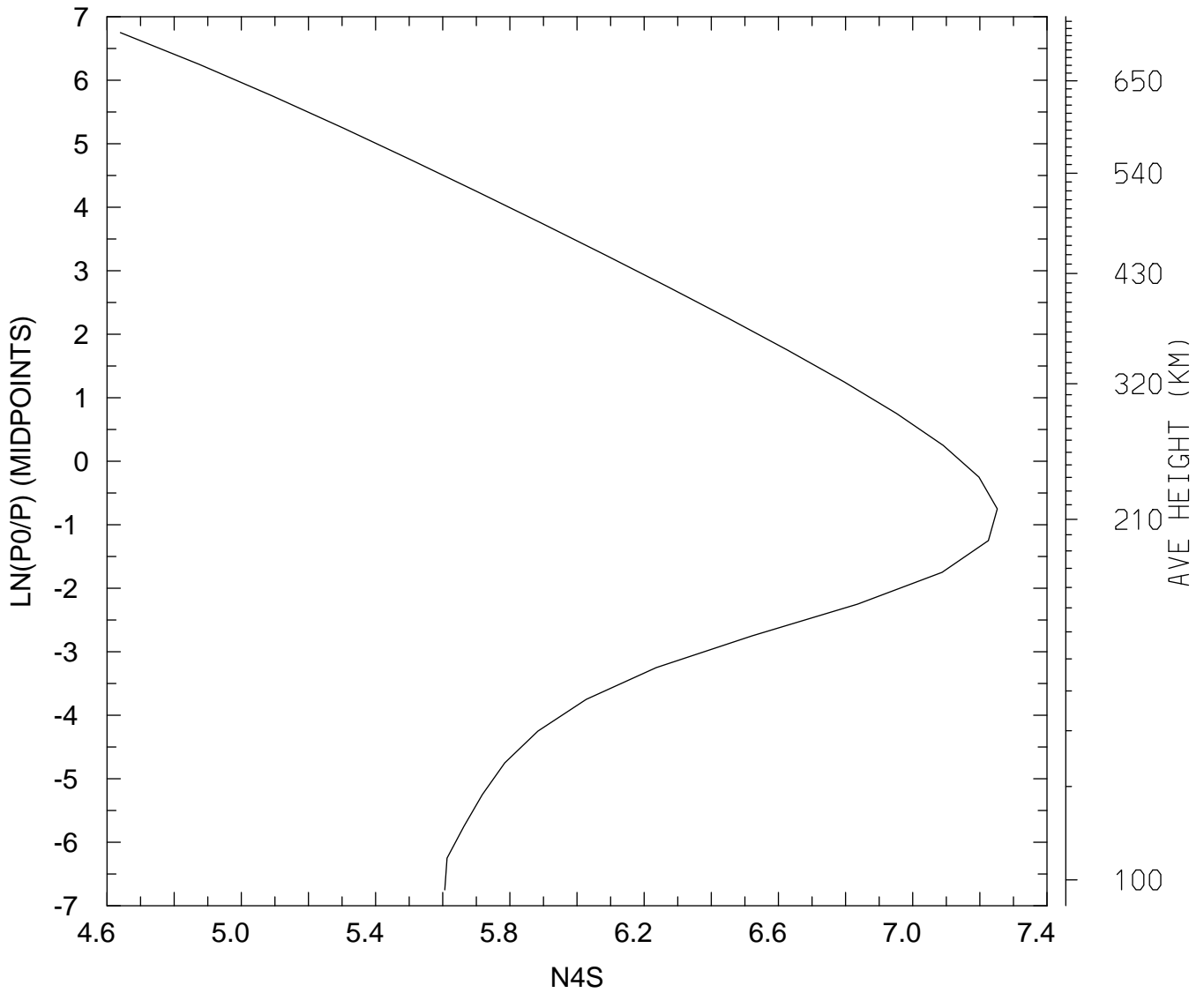


LOG10 N4S (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



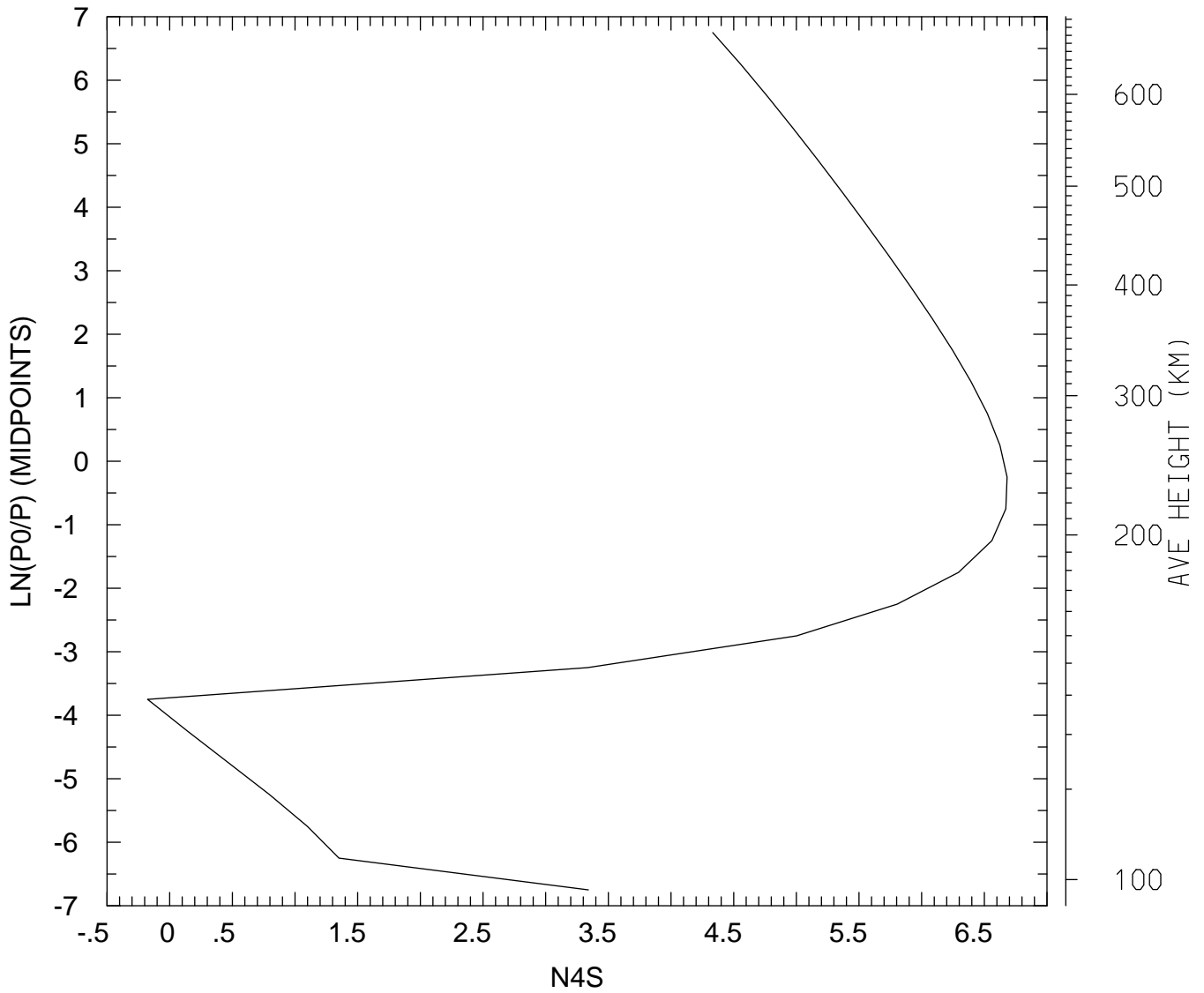
MIN,MAX= 6.1703E+04 2.9746E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



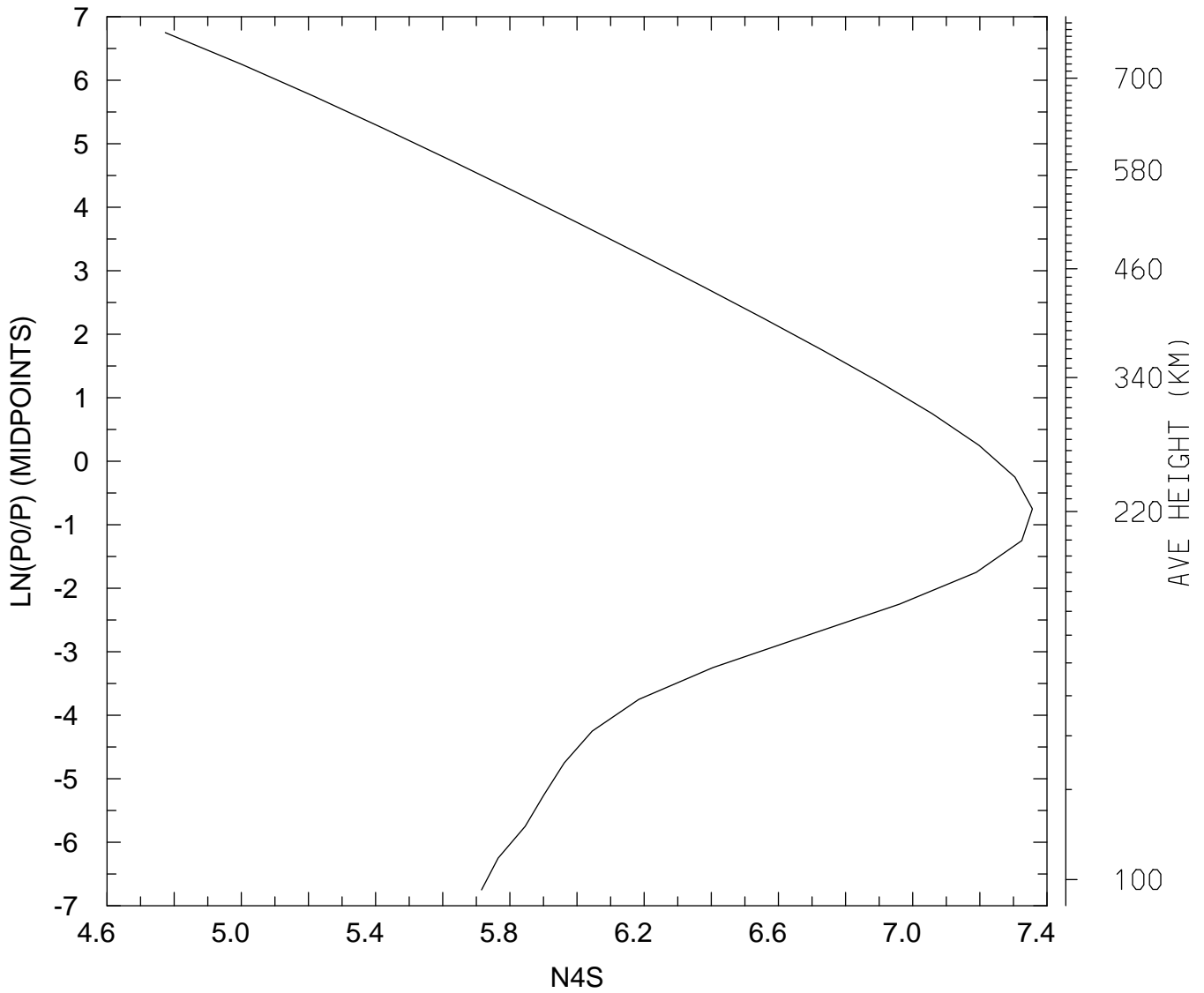
MIN,MAX= 4.3636E+04 1.7858E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



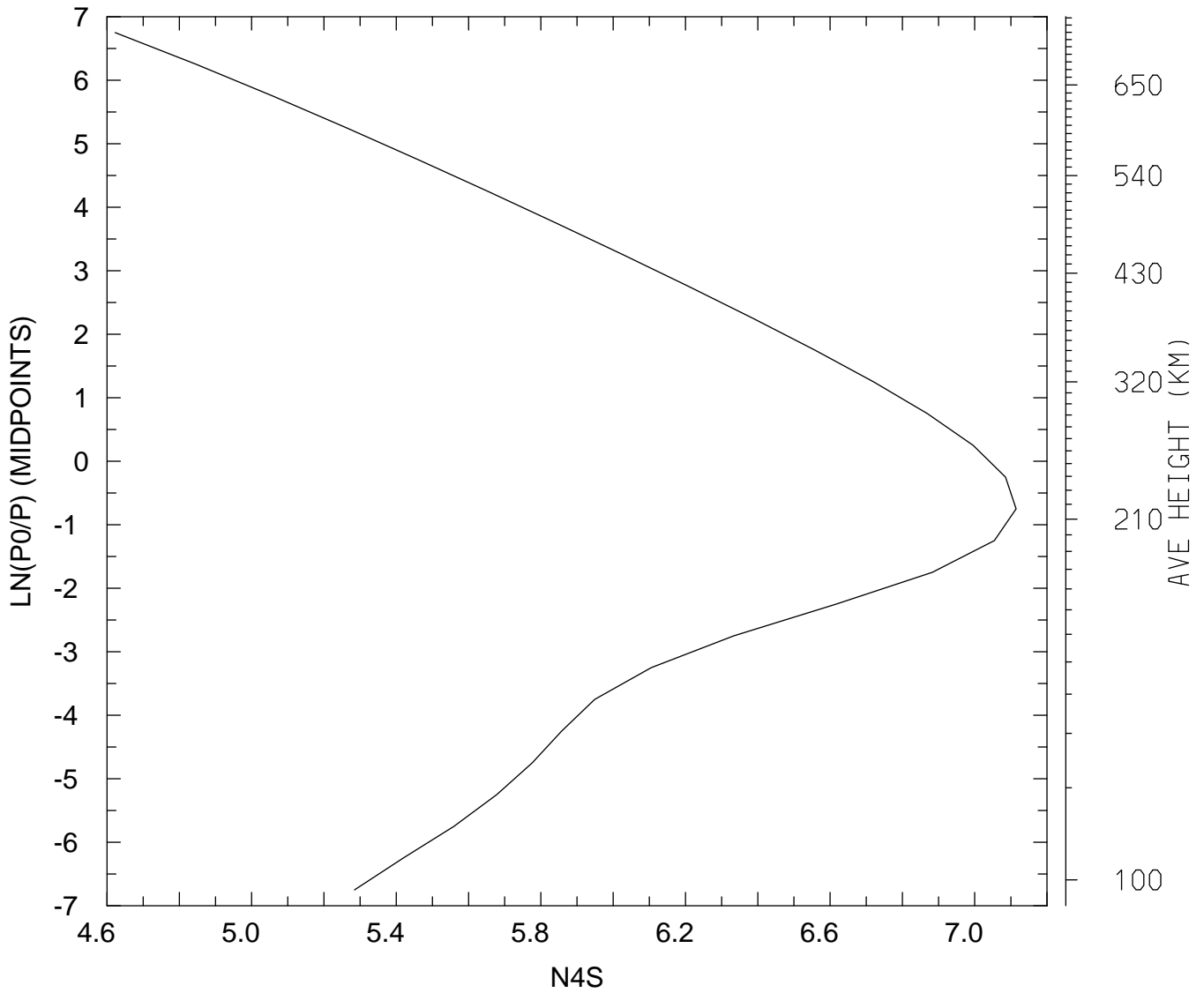
MIN,MAX= 6.6672E-01 4.7993E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



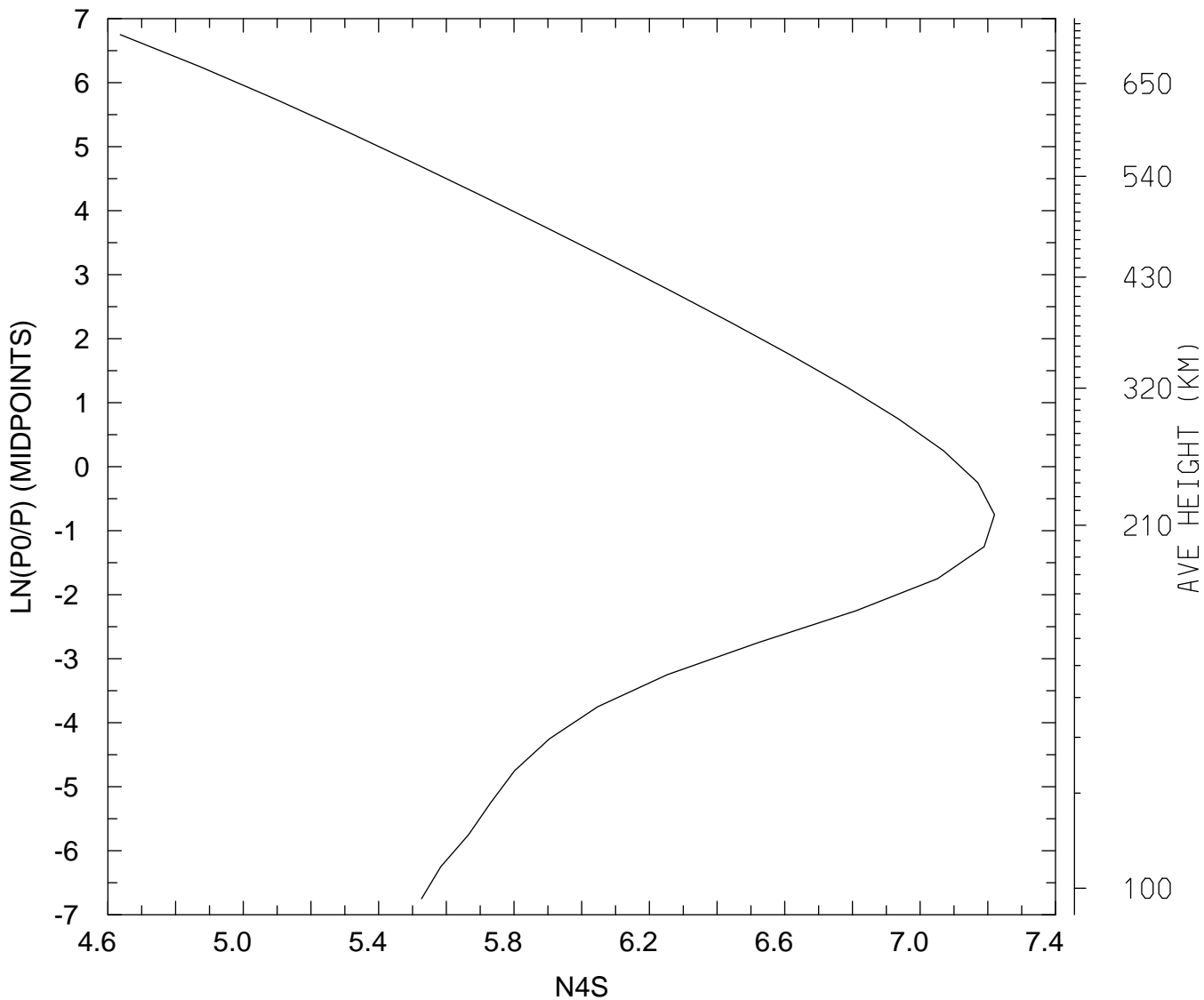
MIN,MAX= 5.9342E+04 2.2715E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



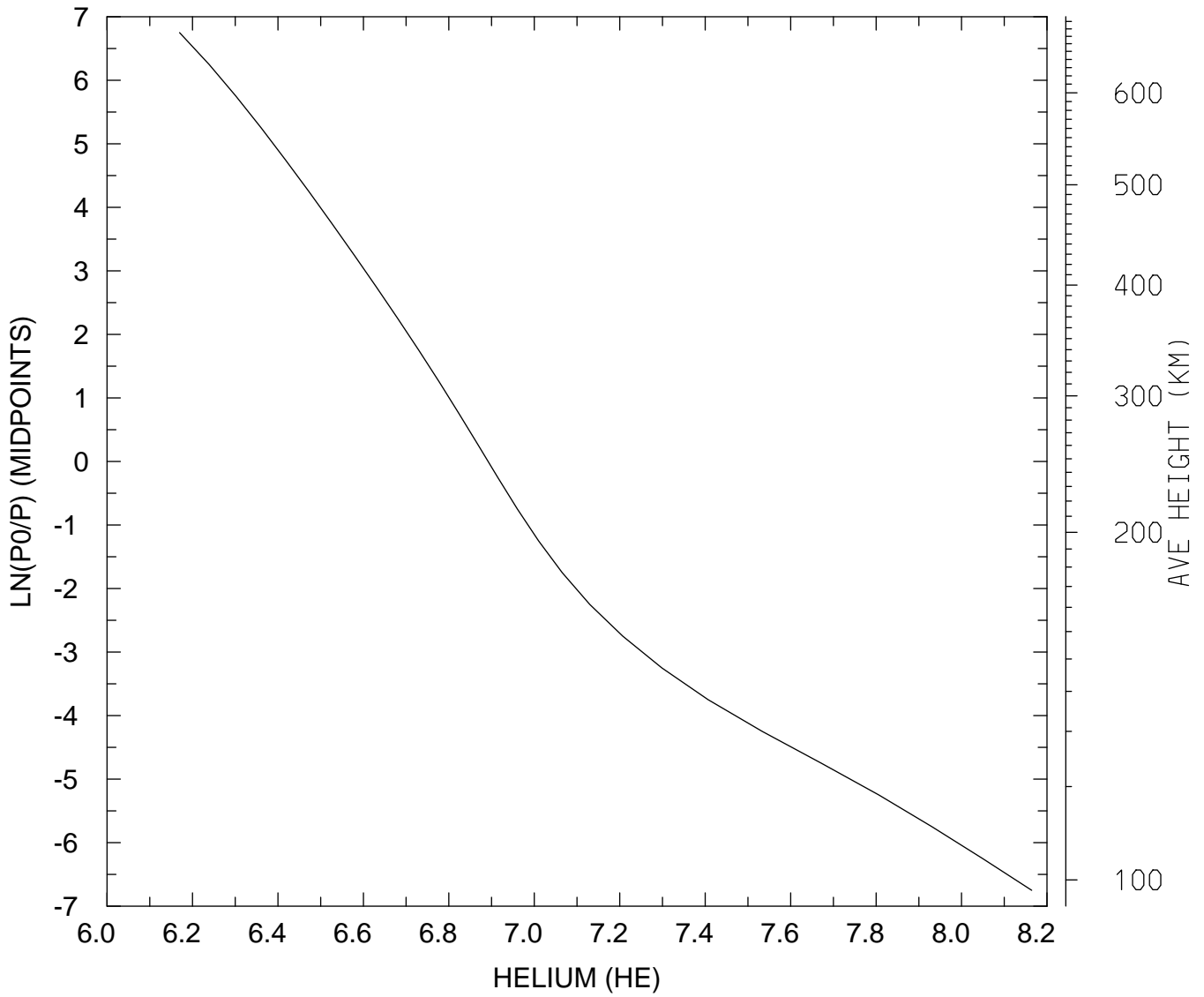
MIN,MAX= 4.1923E+04 1.3016E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 GLOBAL MEANS



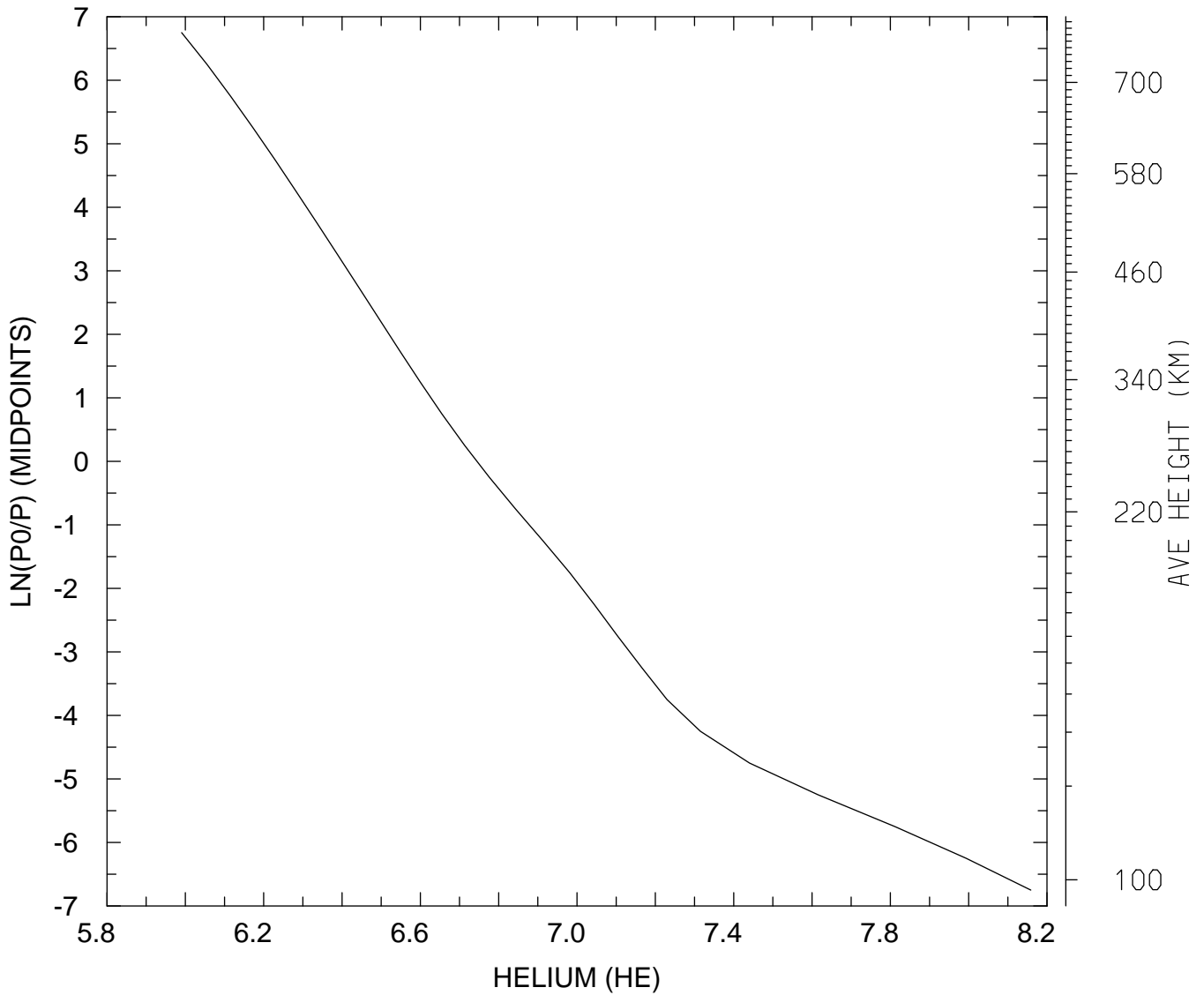
MIN,MAX= 4.3285E+04 1.6589E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 1.4781E+06 1.4594E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

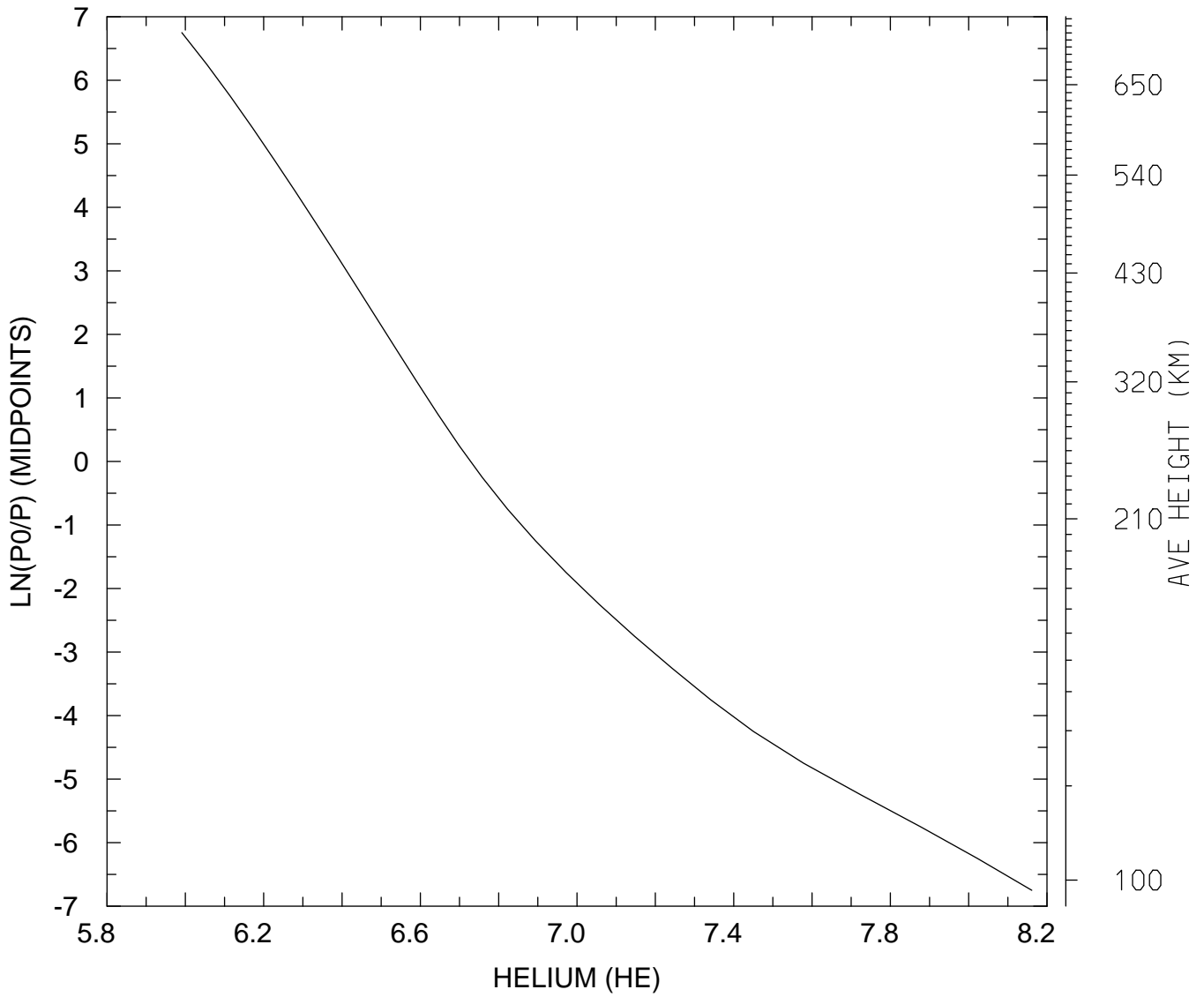
LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



MIN,MAX= 9.7800E+05 1.4410E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

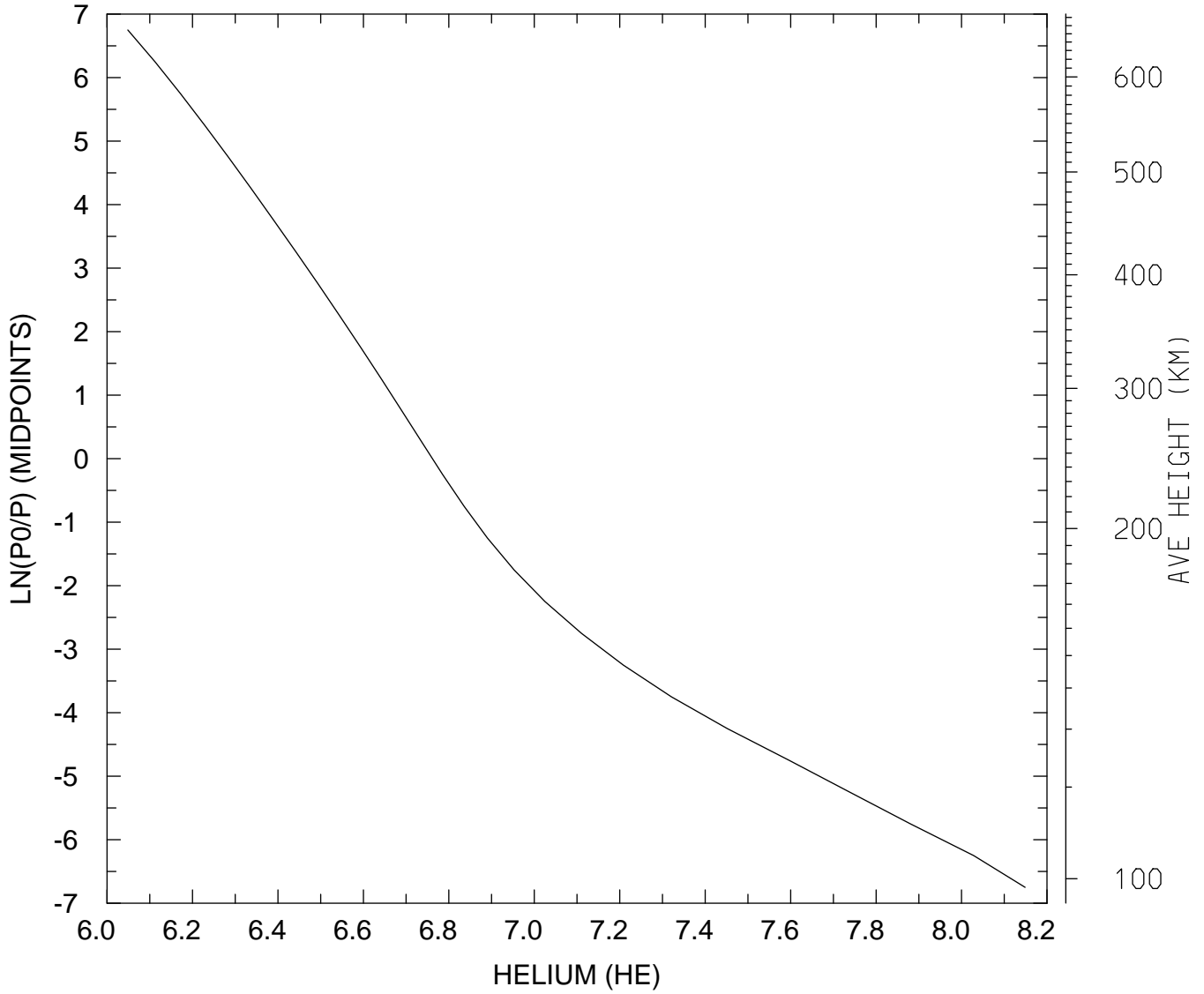


LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



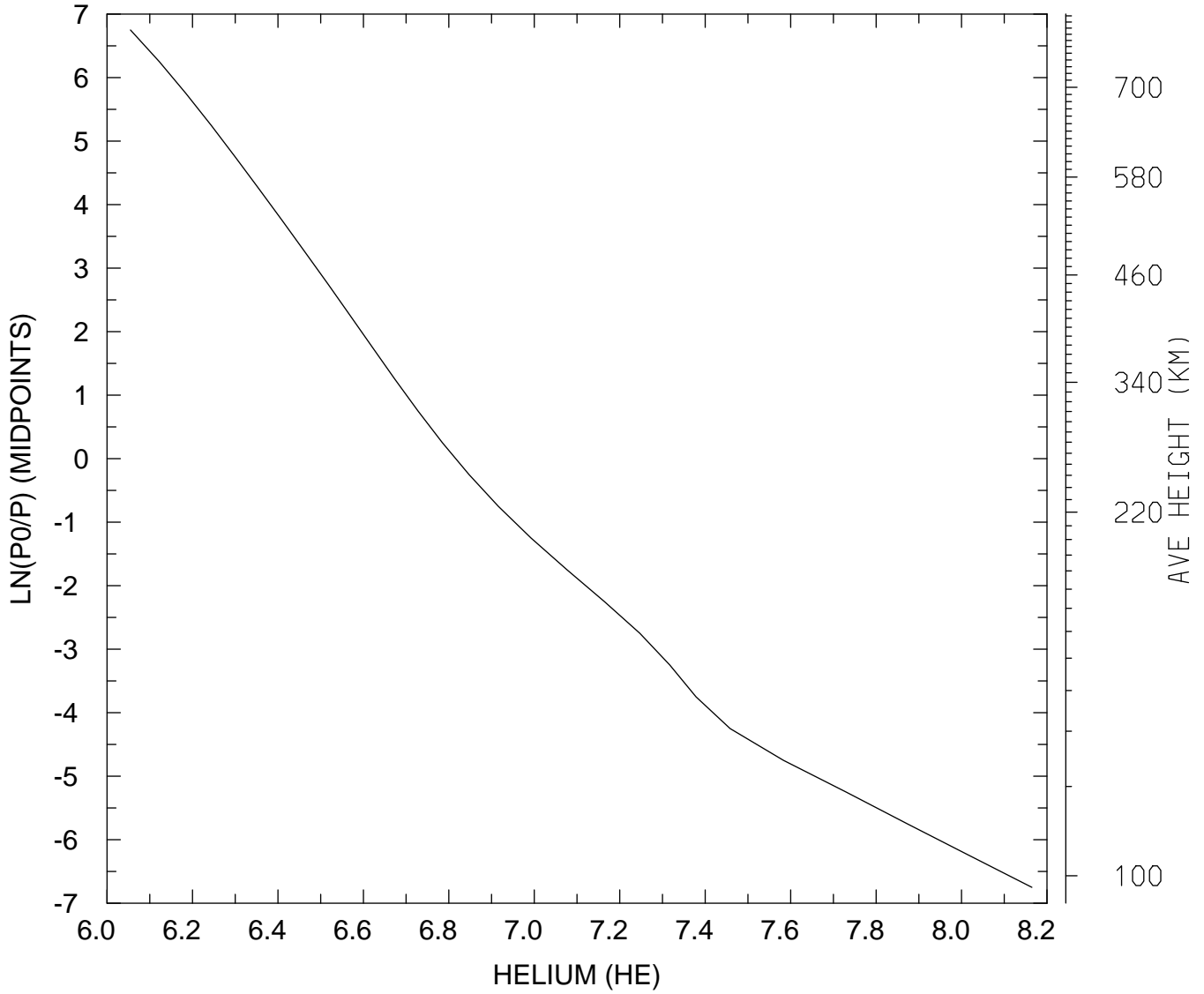
MIN,MAX= 9.7928E+05 1.4495E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



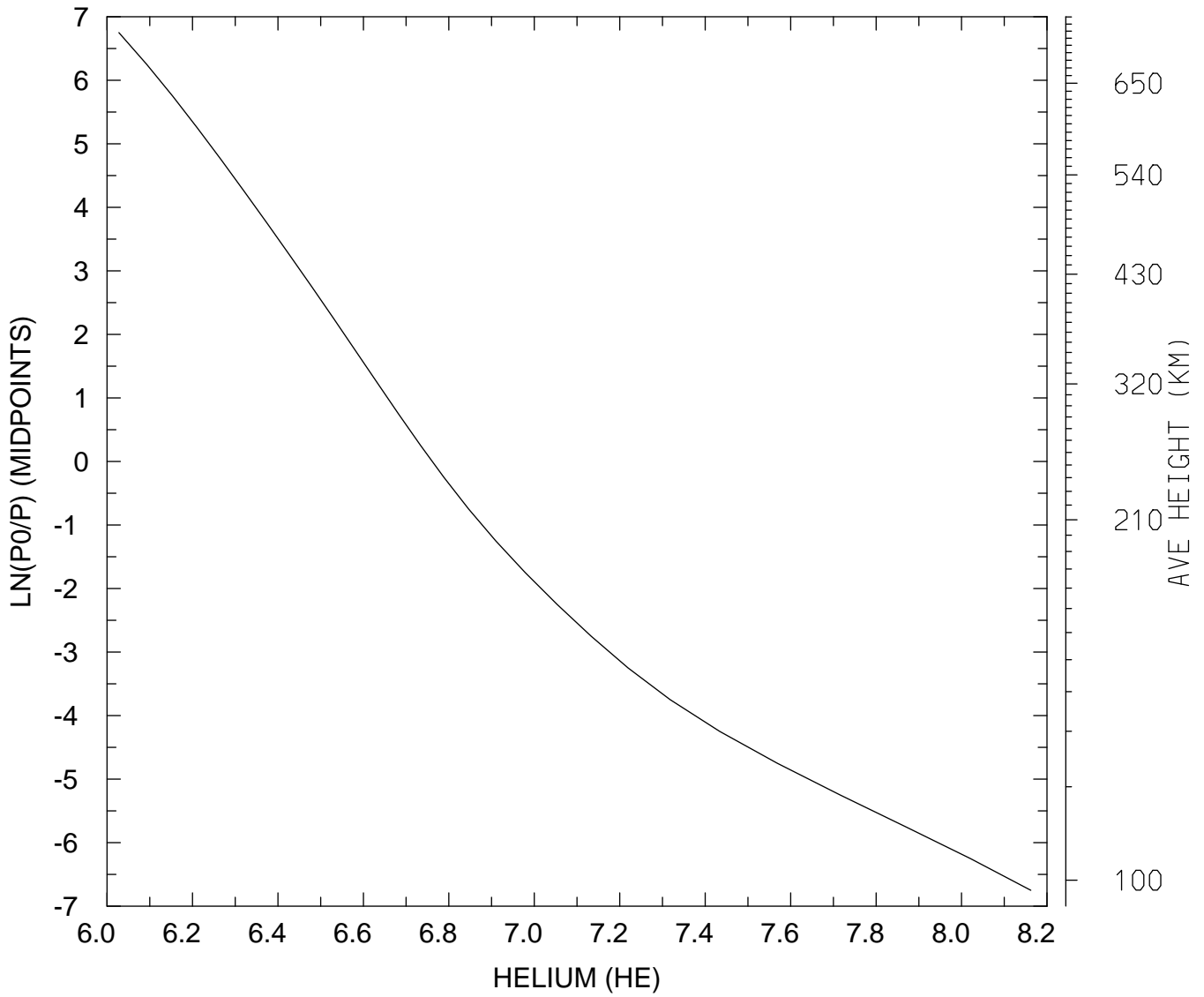
MIN,MAX= 1.1185E+06 1.4090E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



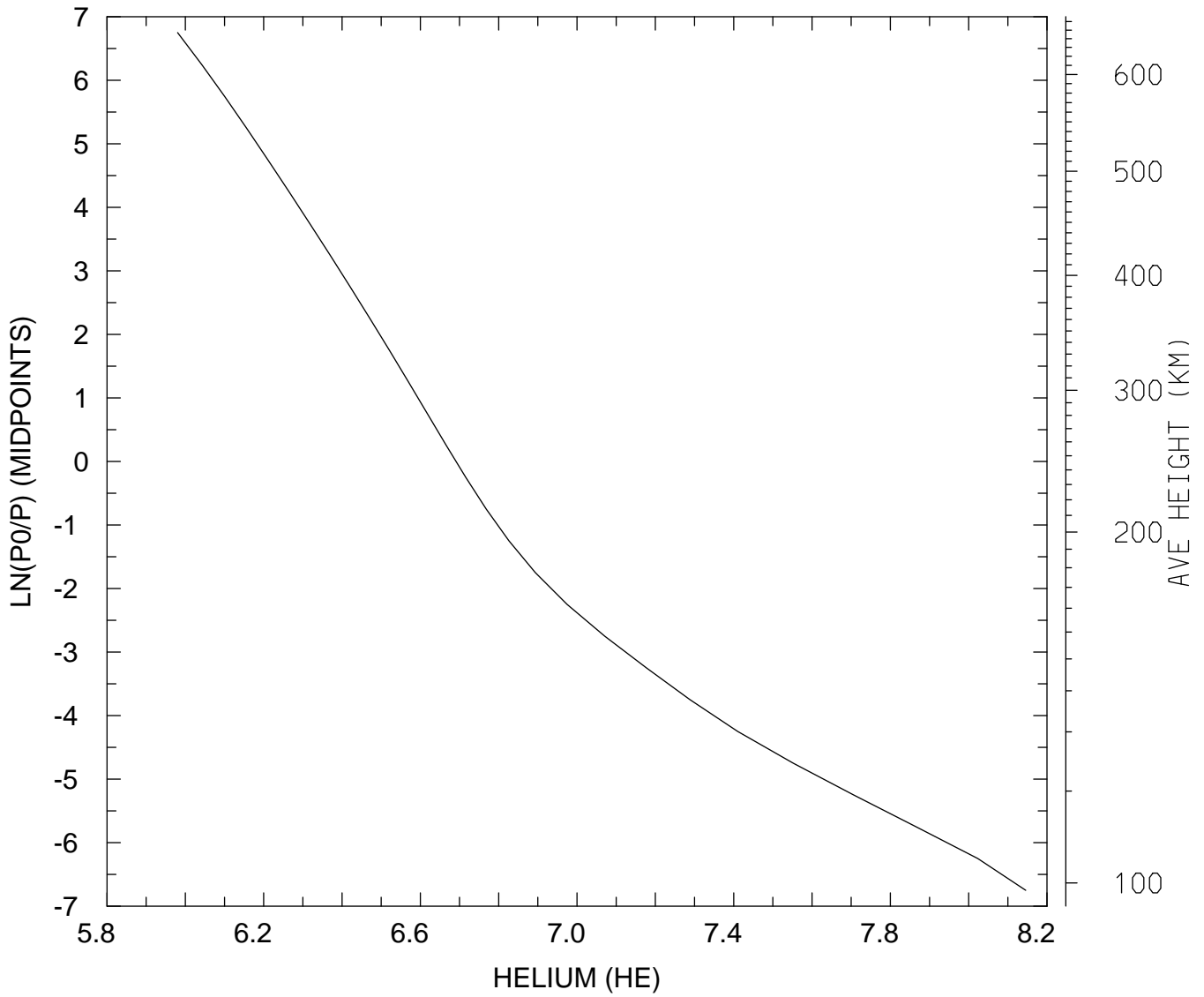
MIN,MAX= 1.1348E+06 1.4611E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



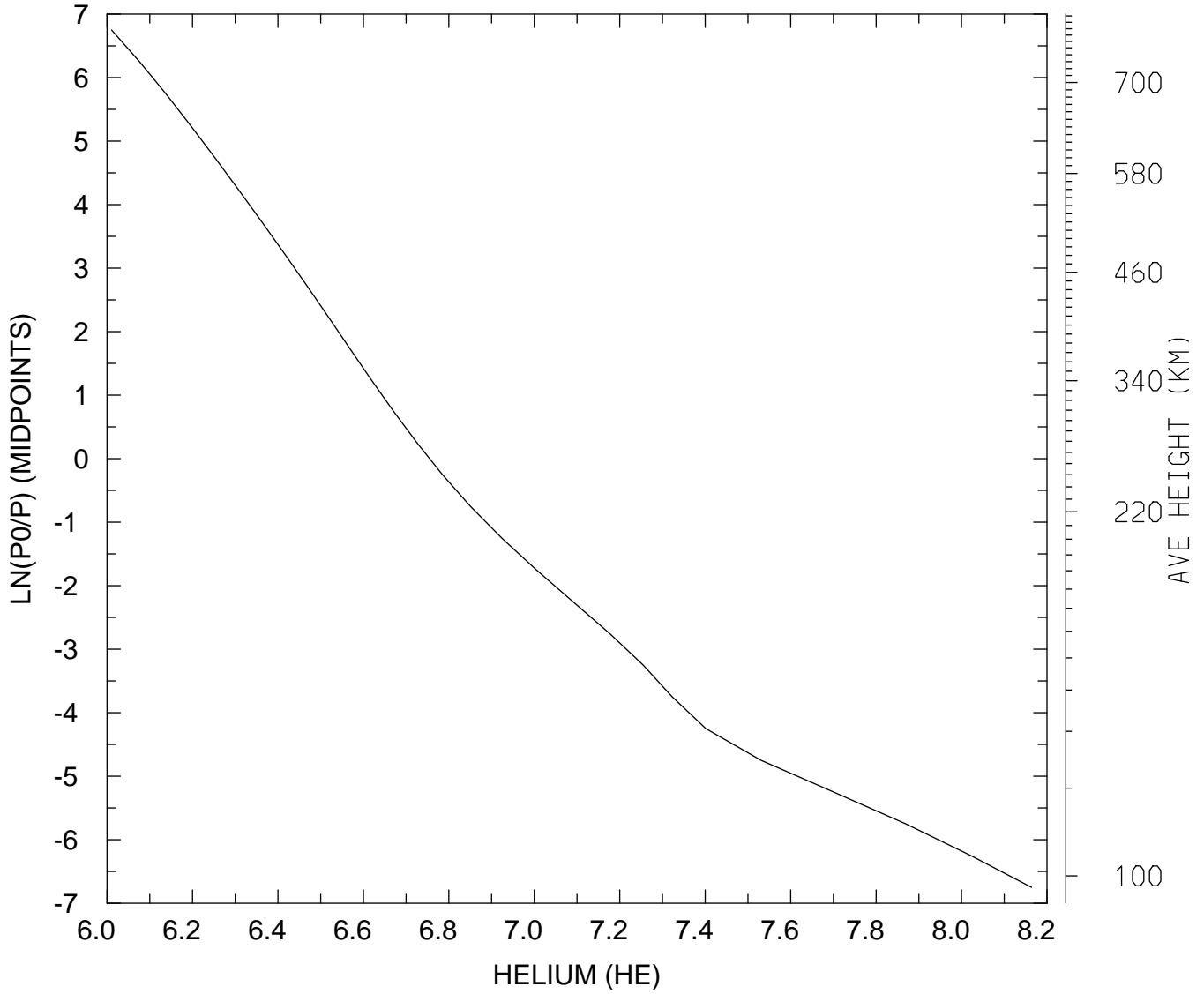
MIN,MAX= 1.0659E+06 1.4524E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



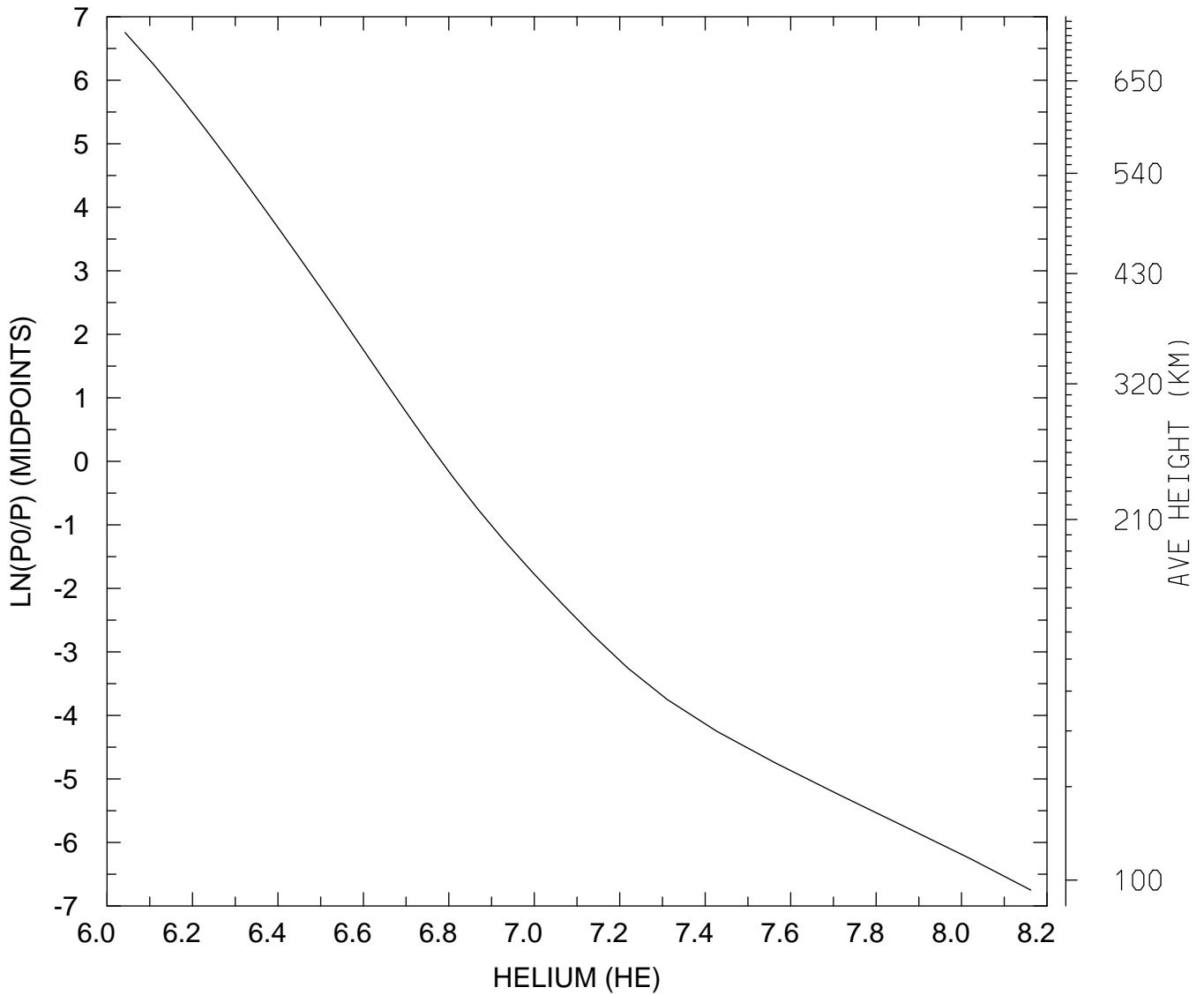
MIN,MAX= 9.5528E+05 1.3988E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



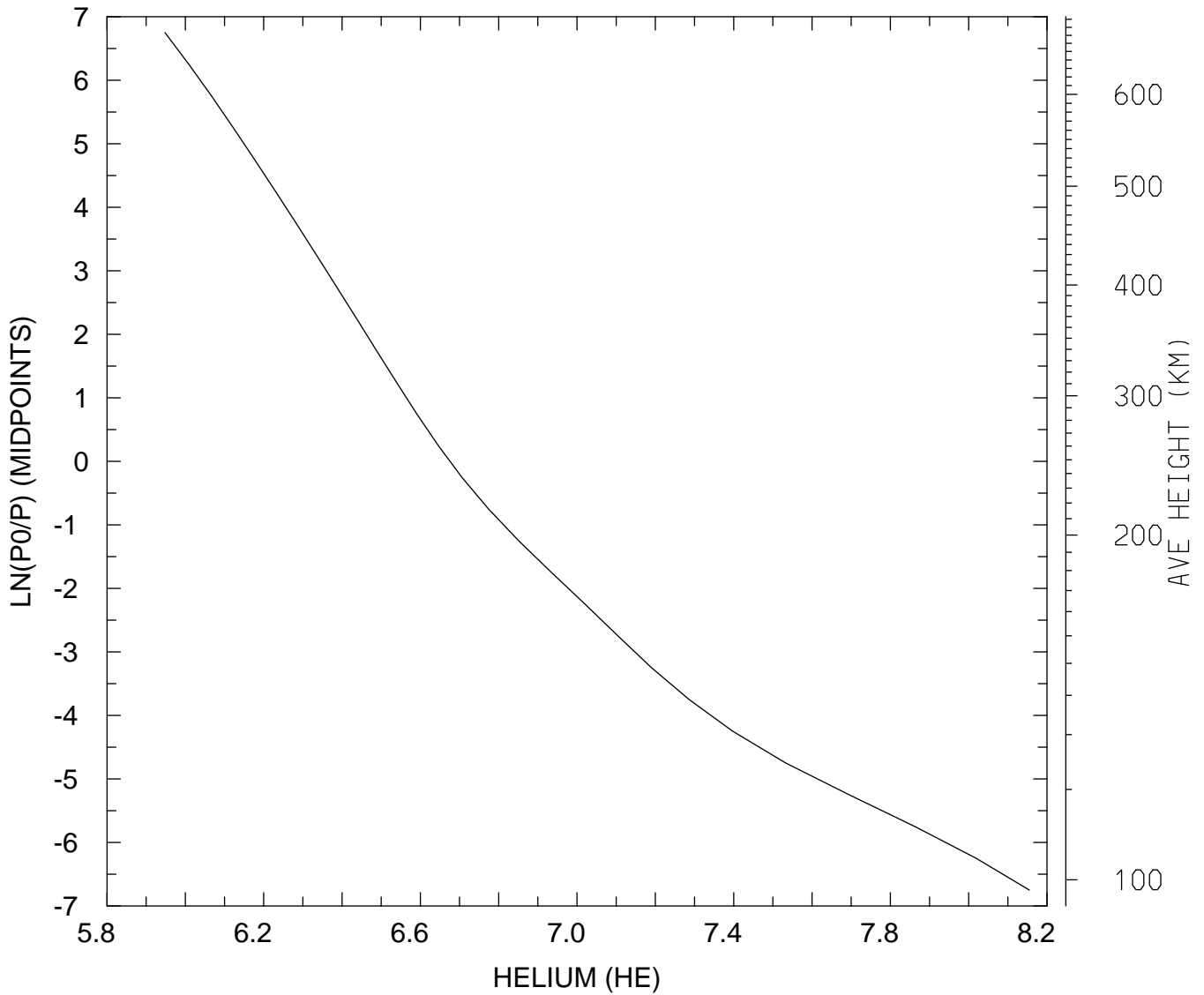
MIN,MAX= 1.0247E+06 1.4580E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



MIN,MAX= 1.1023E+06 1.4522E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

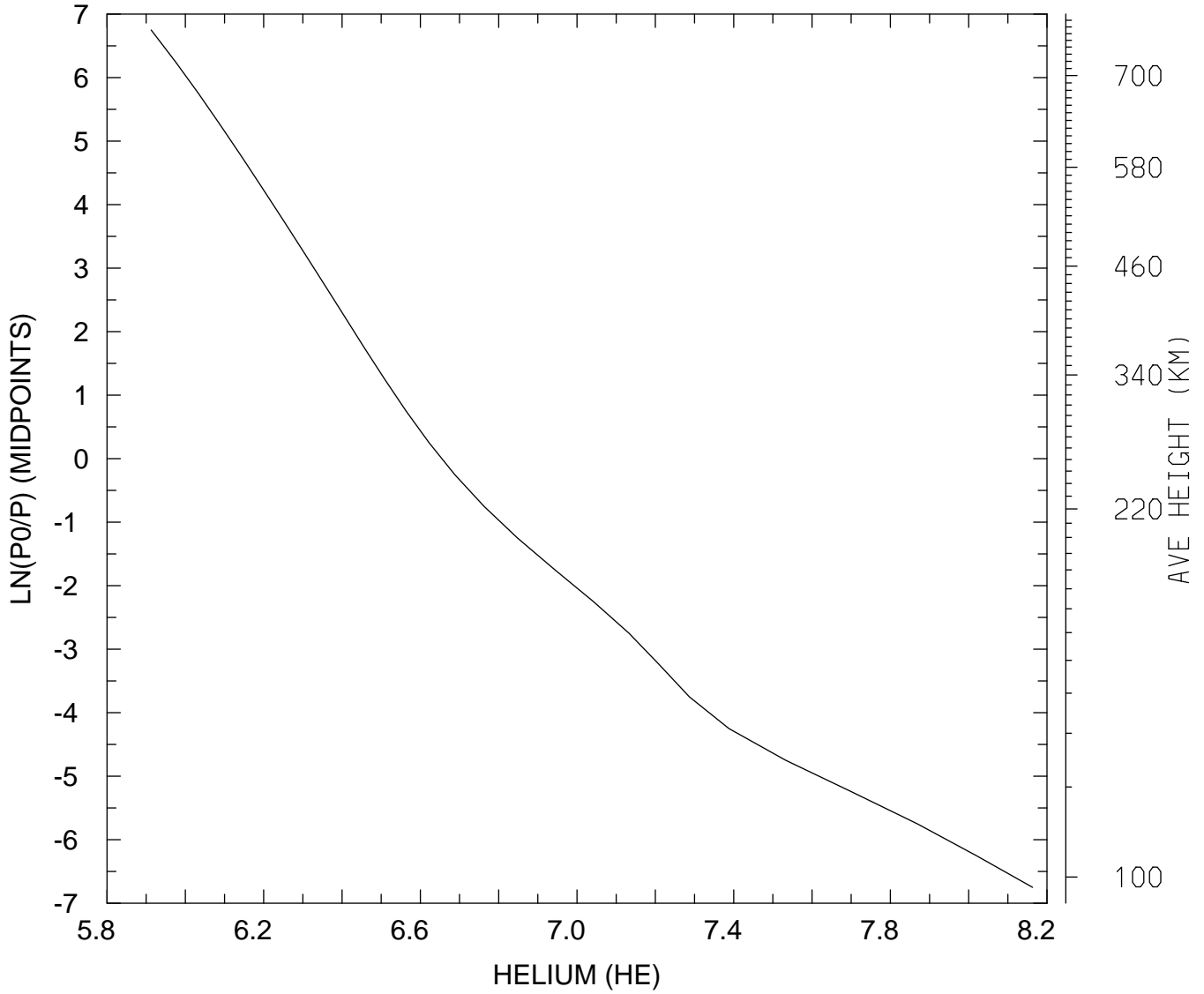
LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



MIN,MAX= 8.8696E+05 1.4286E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

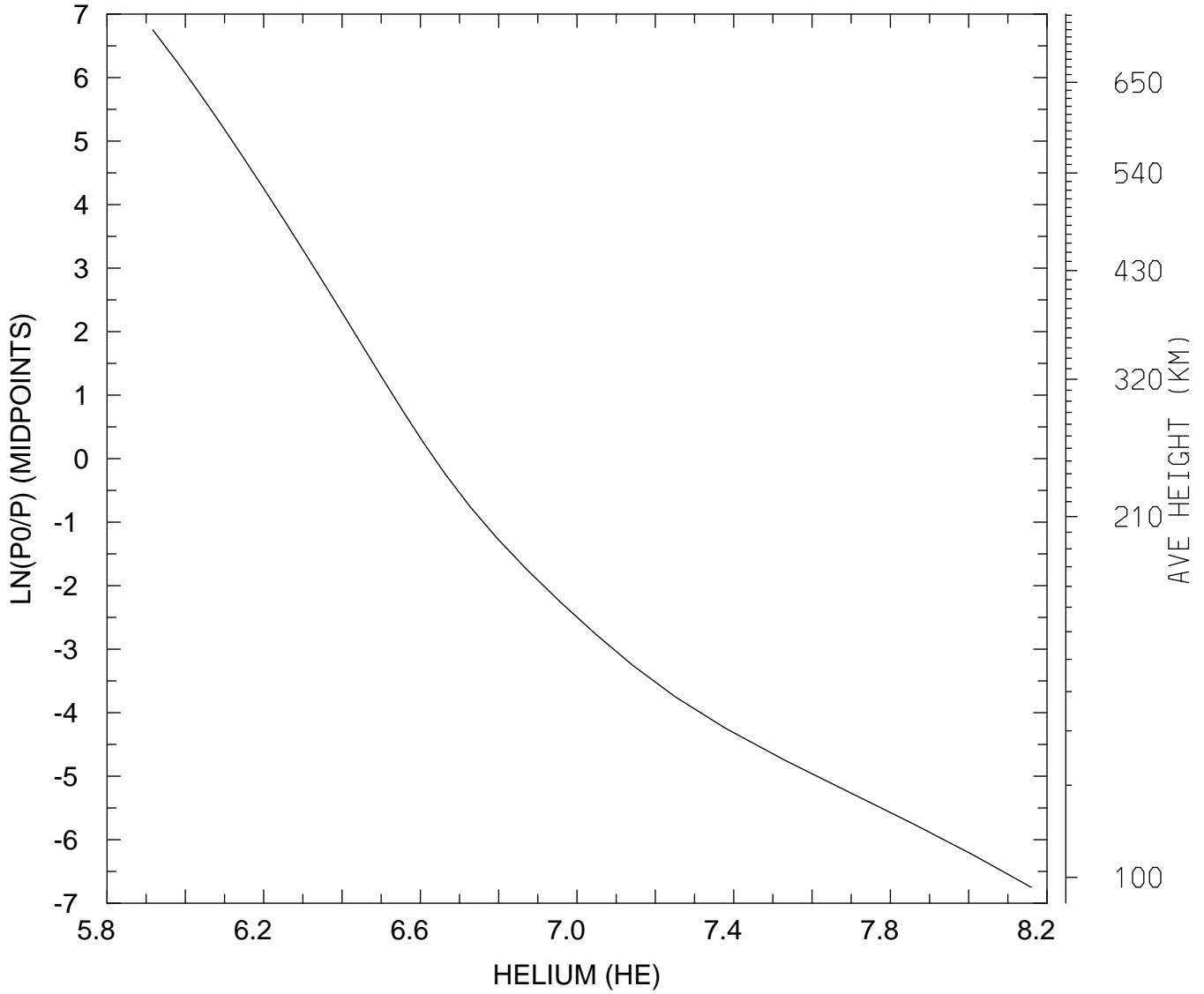


LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



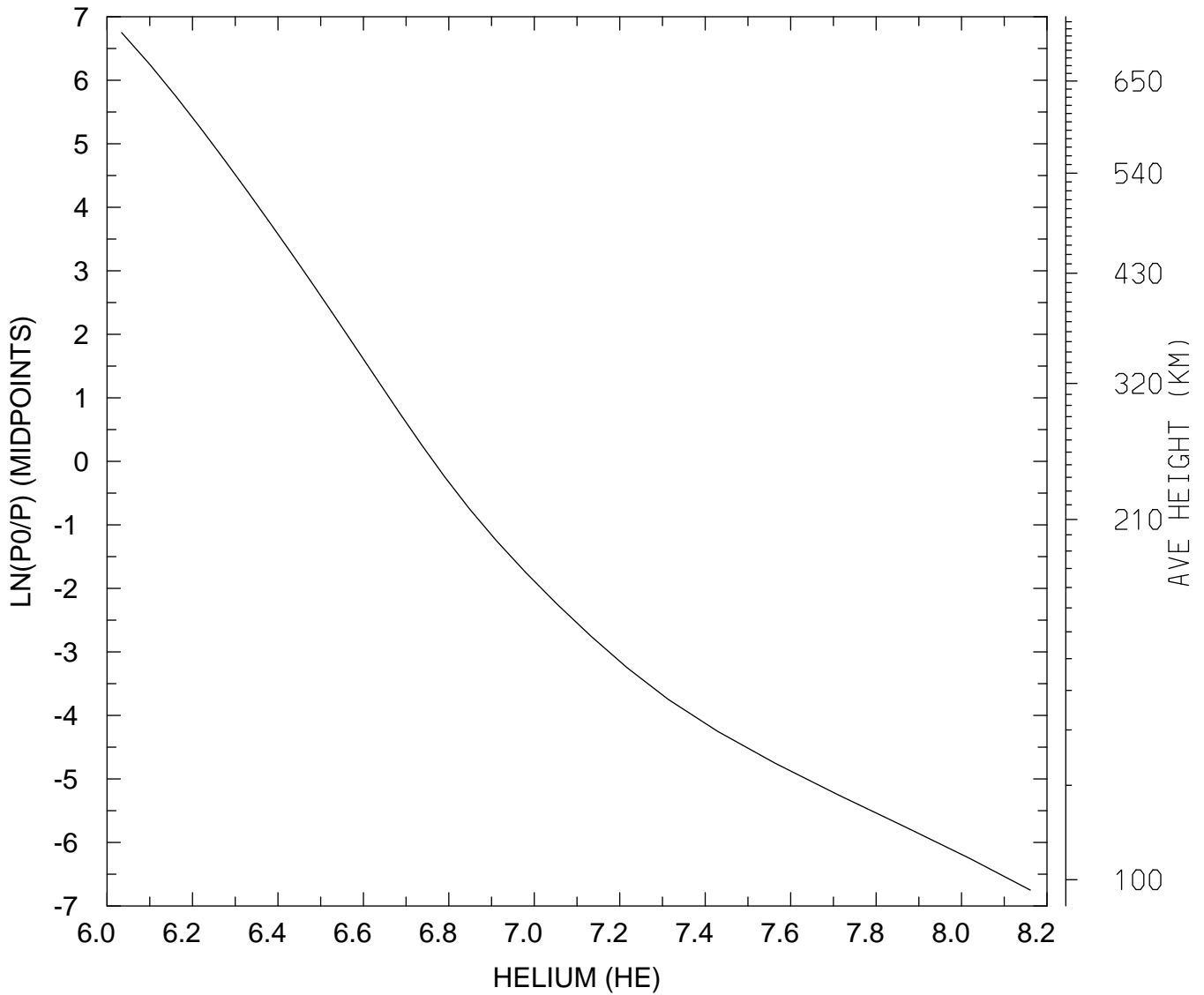
MIN,MAX= 8.1803E+05 1.4558E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



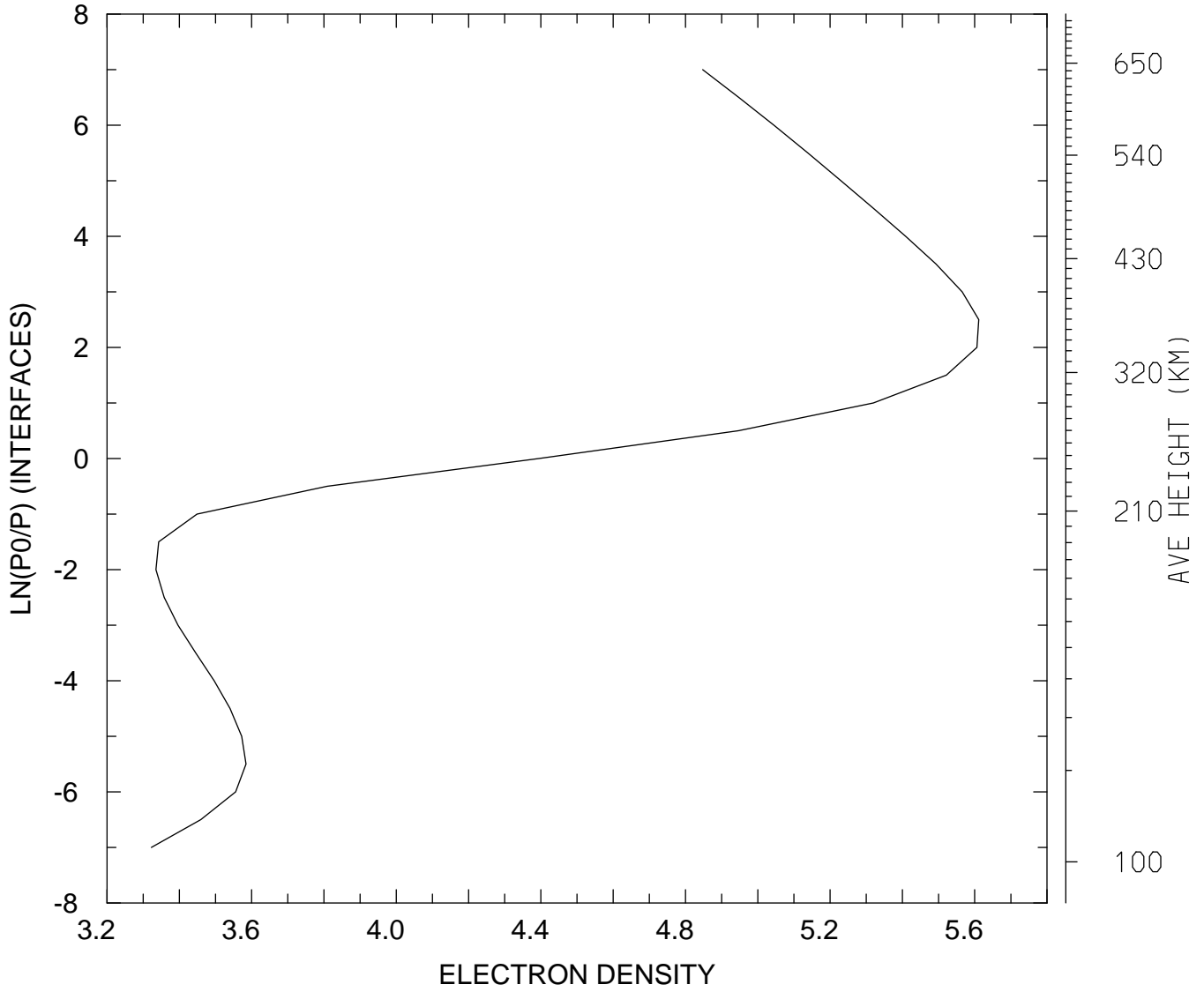
MIN,MAX= 8.2563E+05 1.4445E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 GLOBAL MEANS



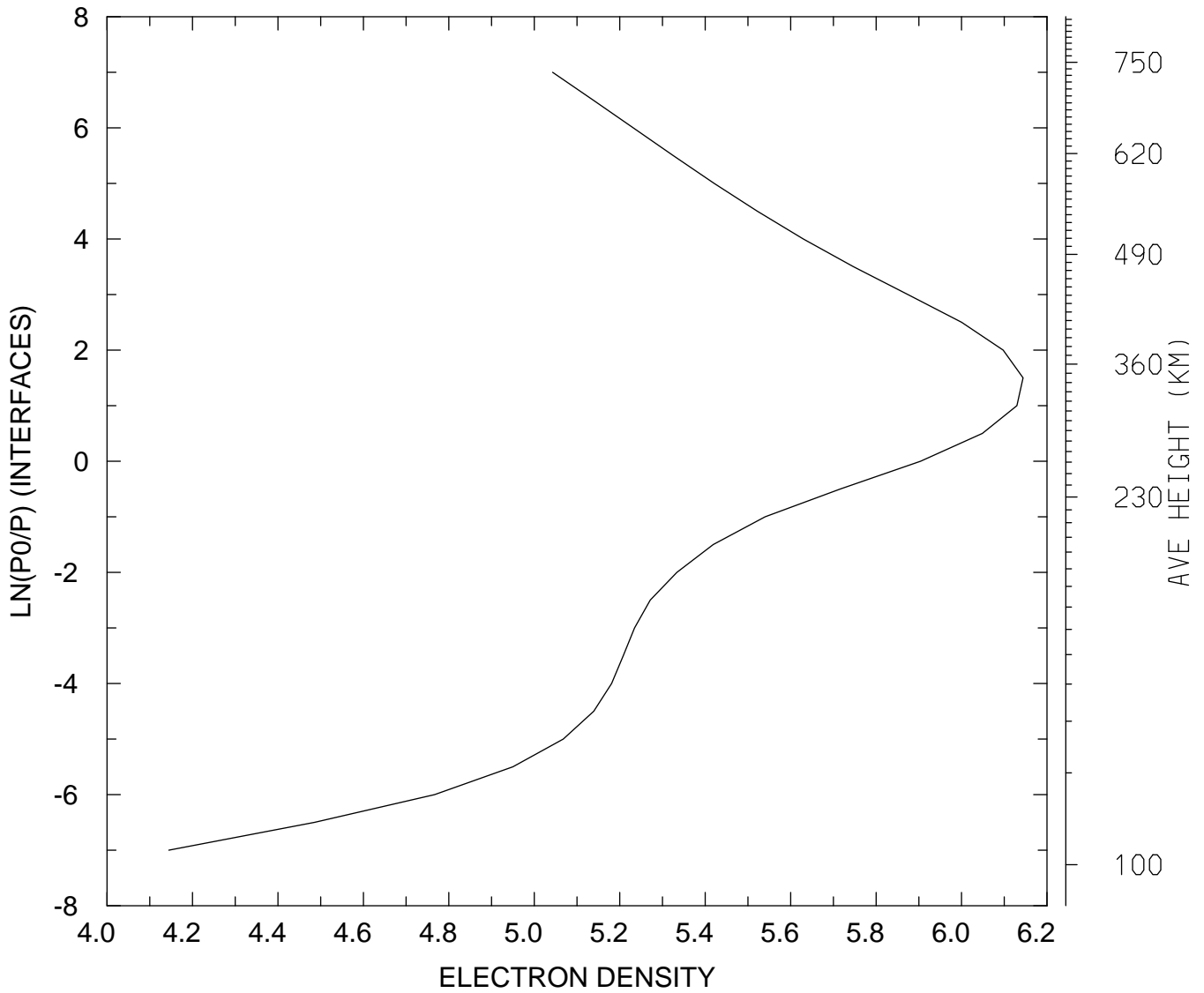
MIN,MAX= 1.0819E+06 1.4487E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



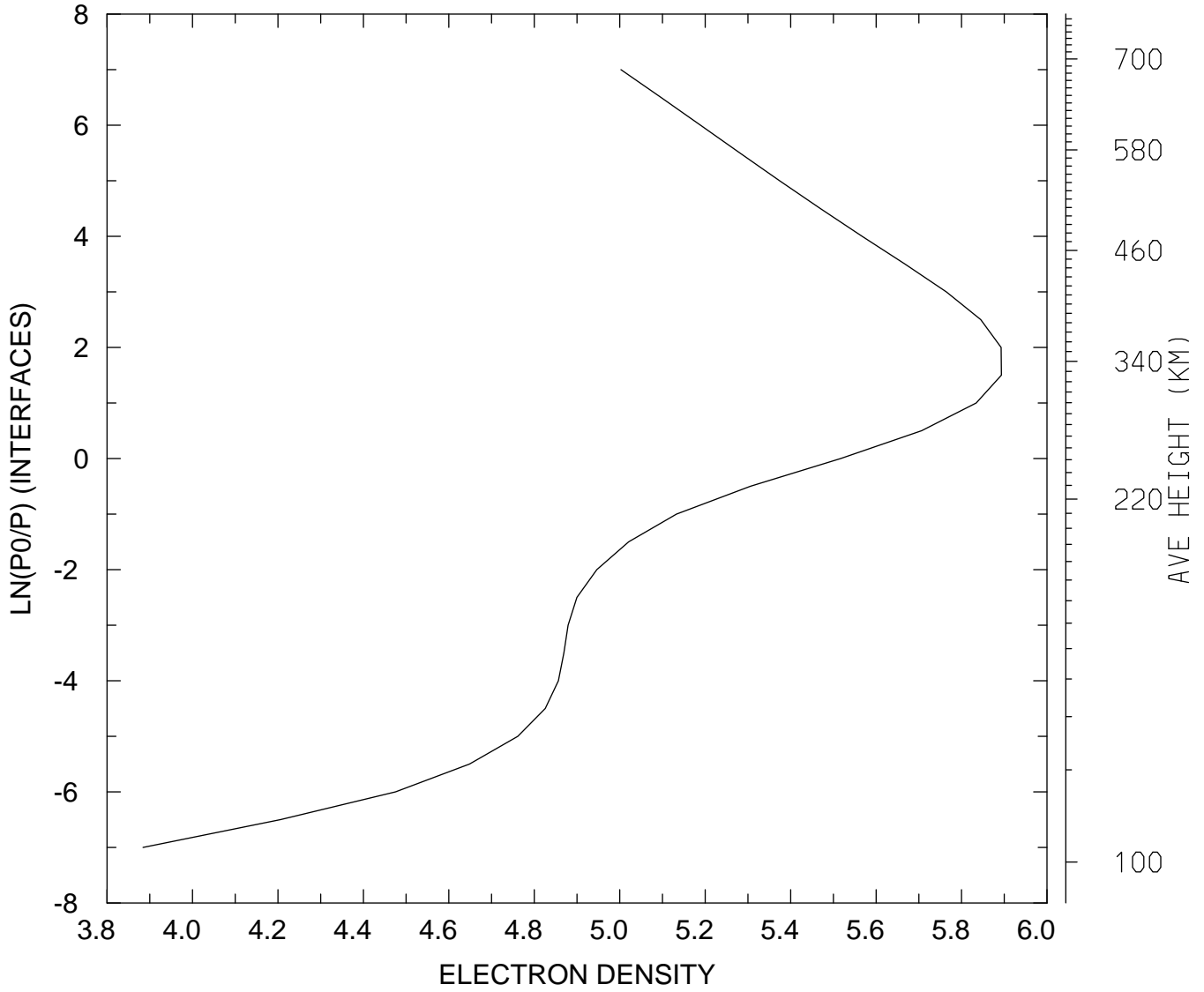
MIN,MAX= 2.1023E+03 4.0842E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



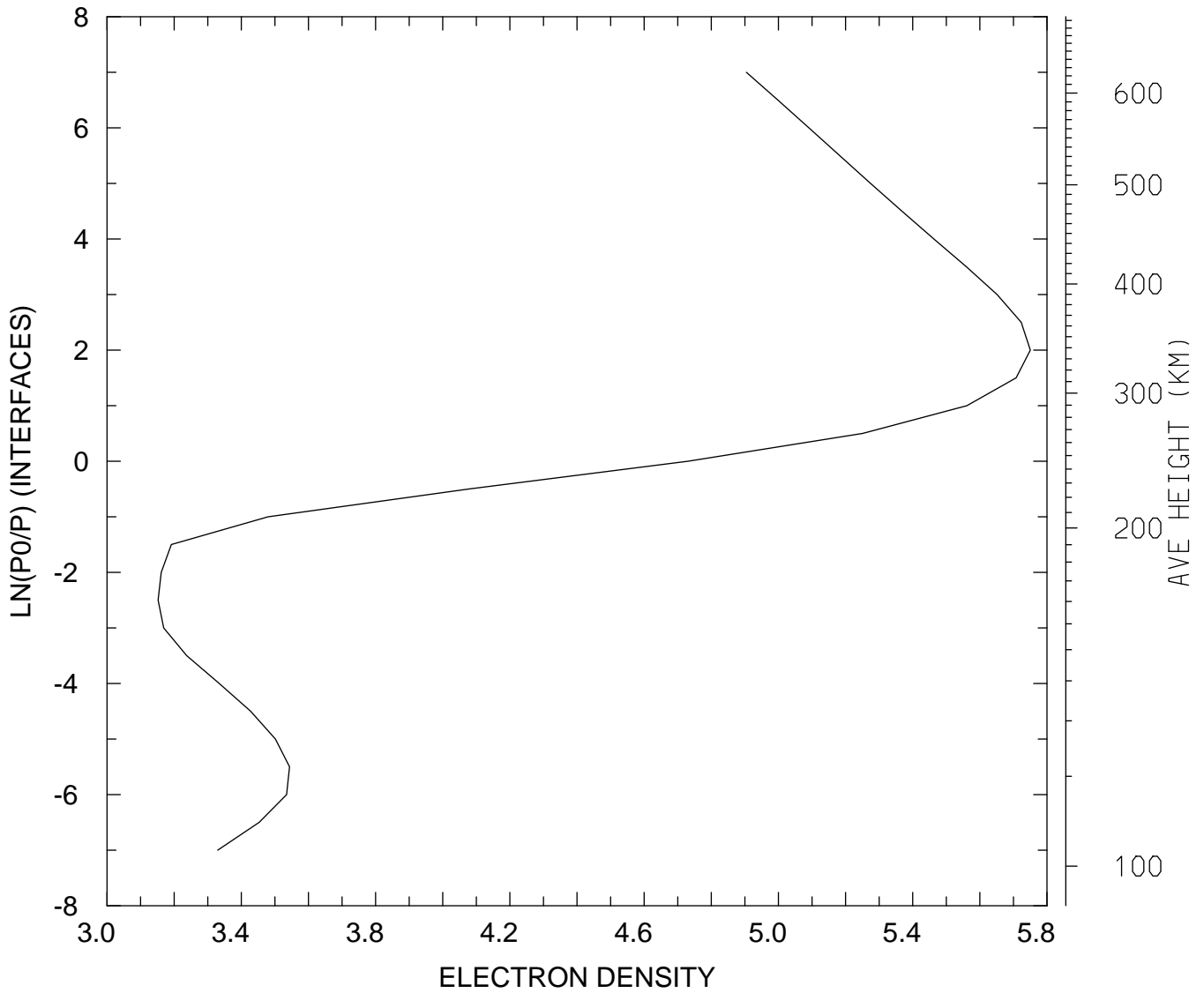
MIN,MAX= 1.3953E+04 1.3929E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



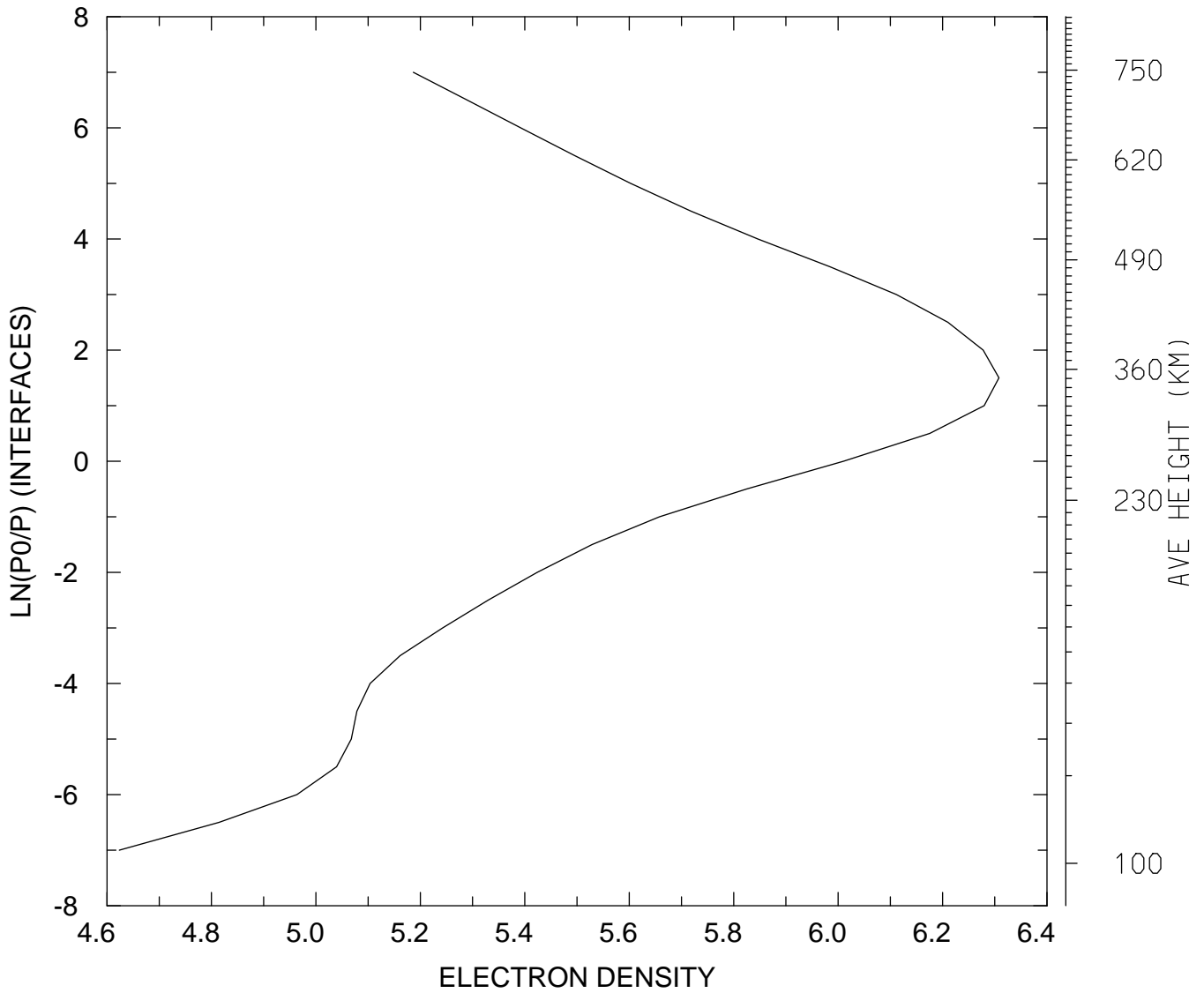
MIN,MAX= 7.6596E+03 7.8197E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 1.4192E+03 5.6282E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

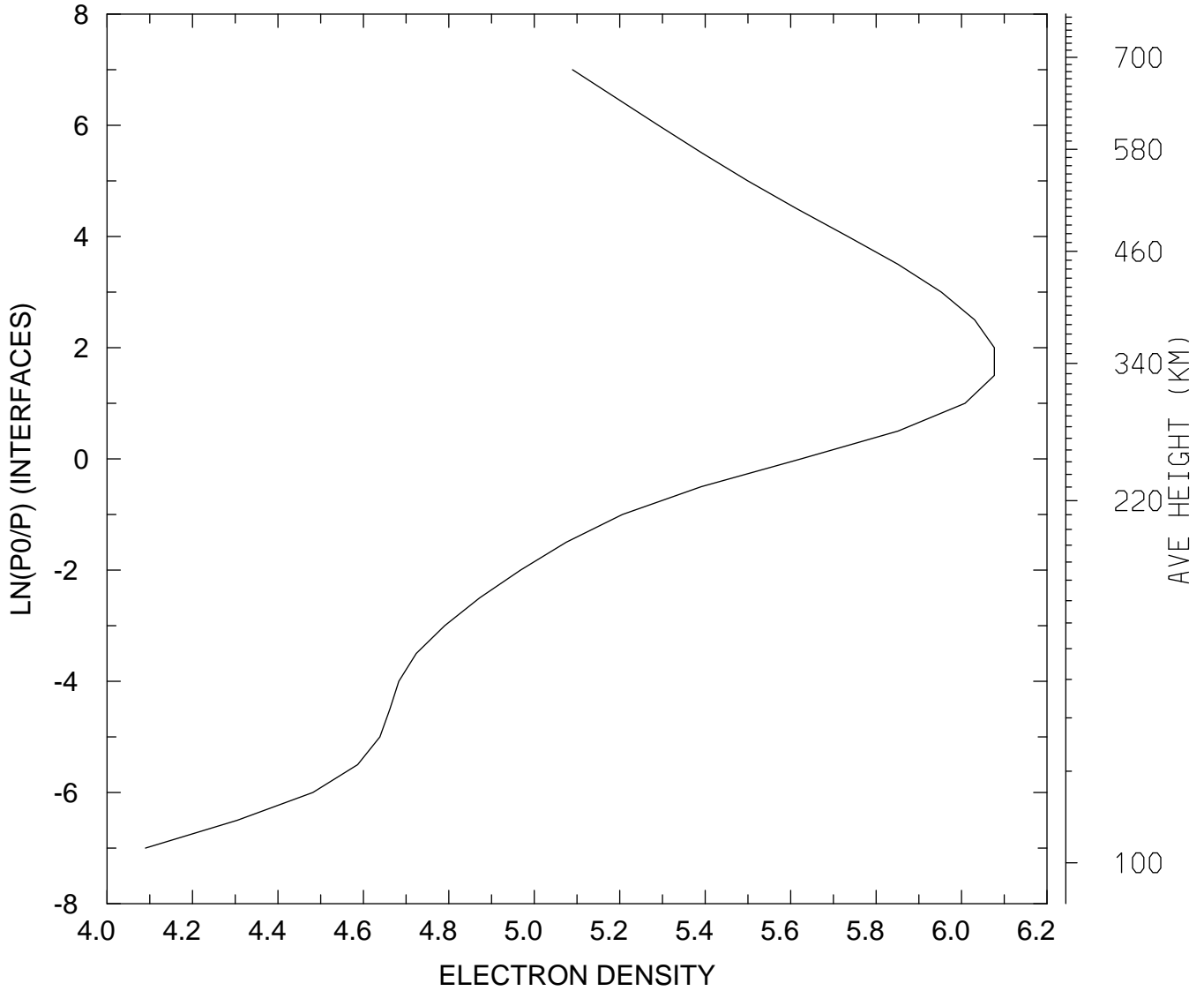
LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



MIN,MAX= 4.2018E+04 2.0326E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

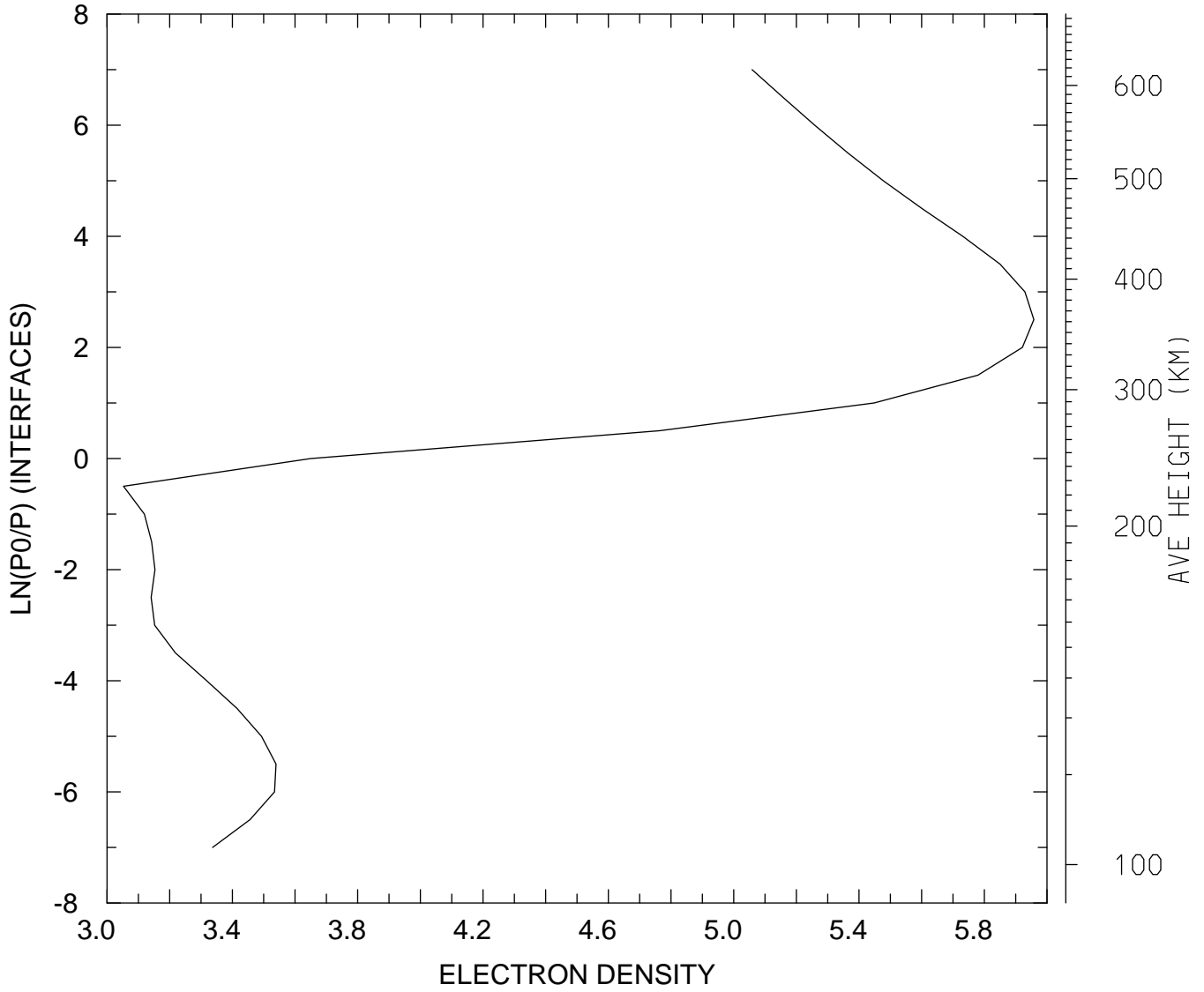


LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



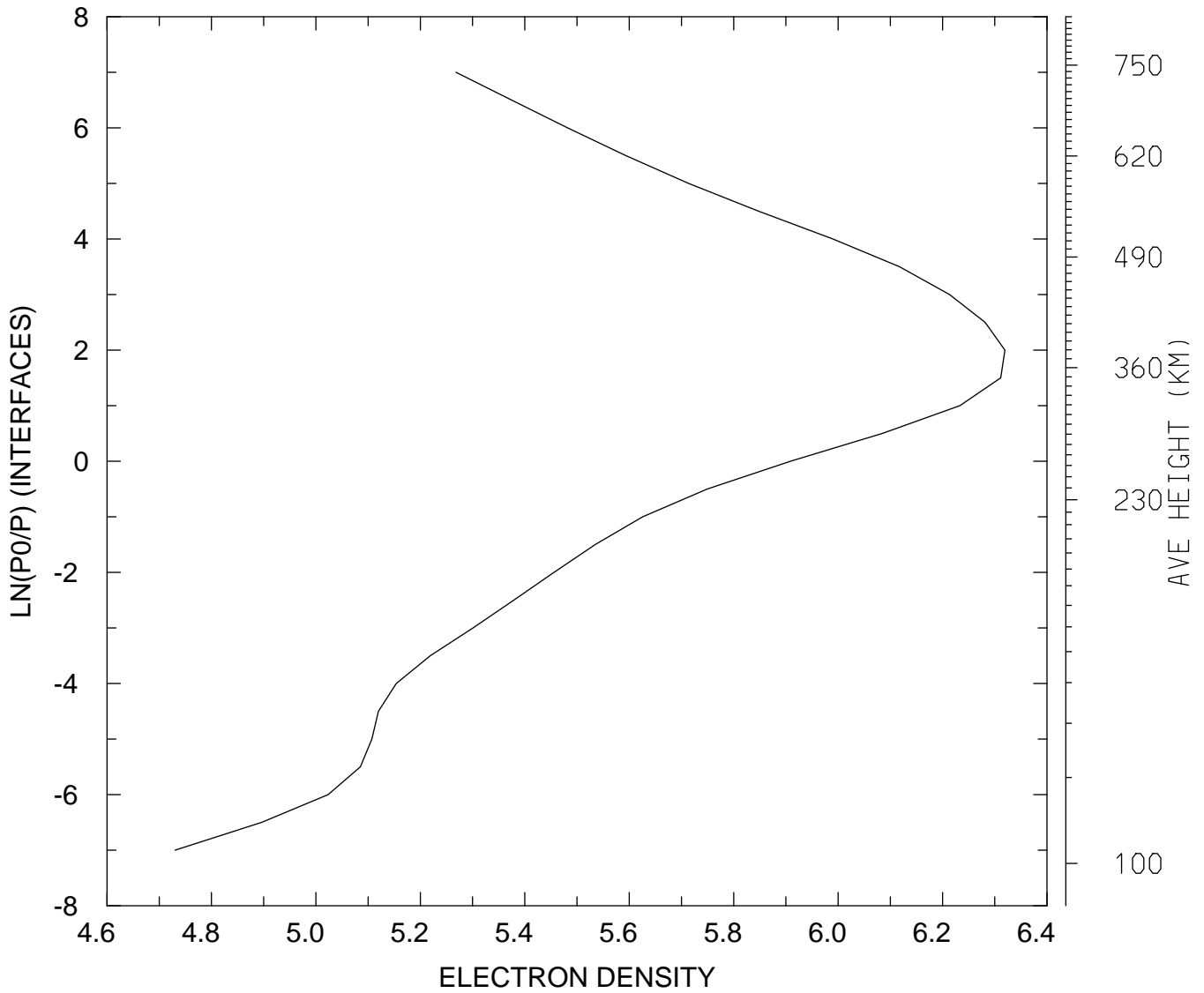
MIN,MAX= 1.2304E+04 1.1936E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



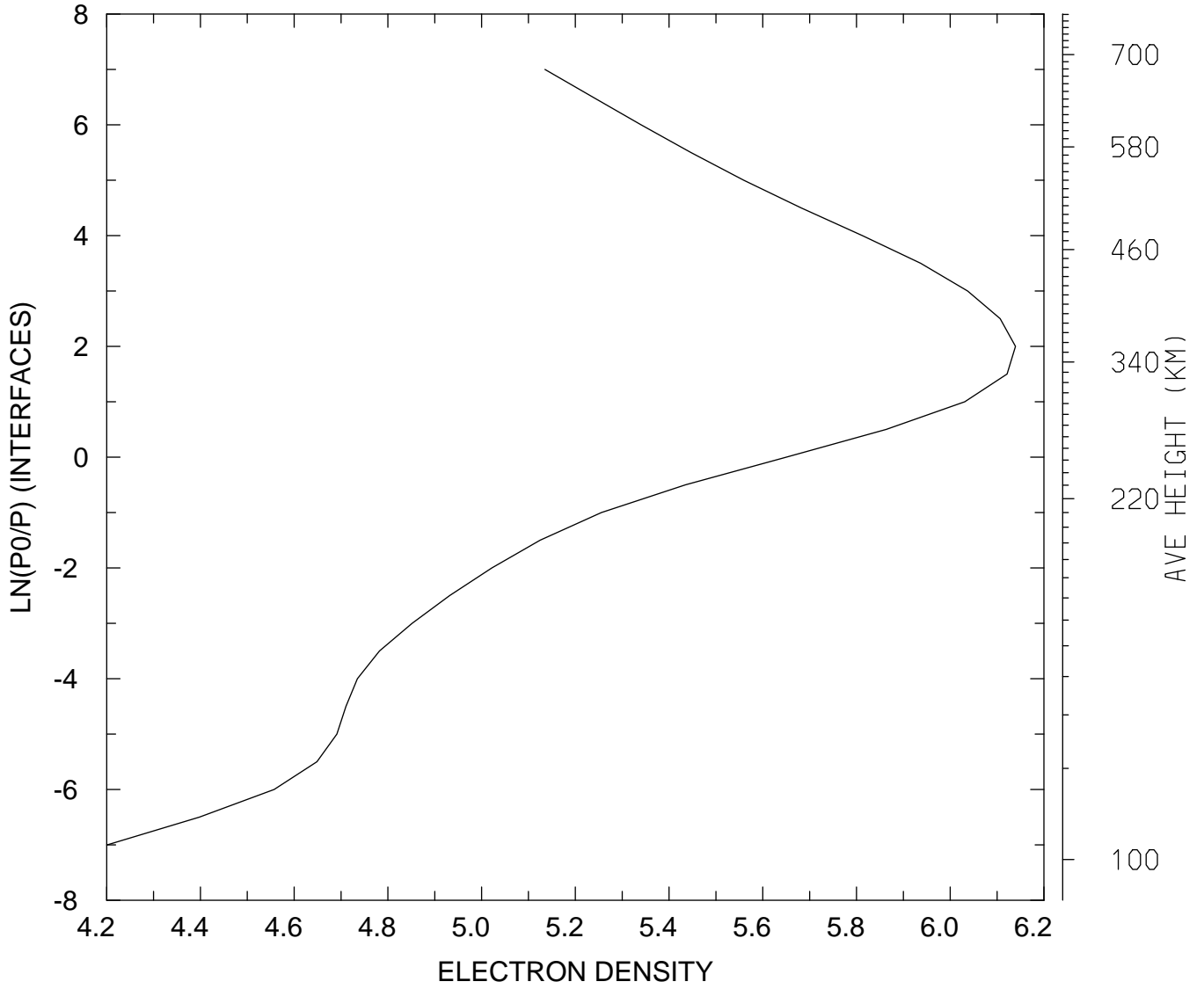
MIN,MAX= 1.1289E+03 9.0800E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



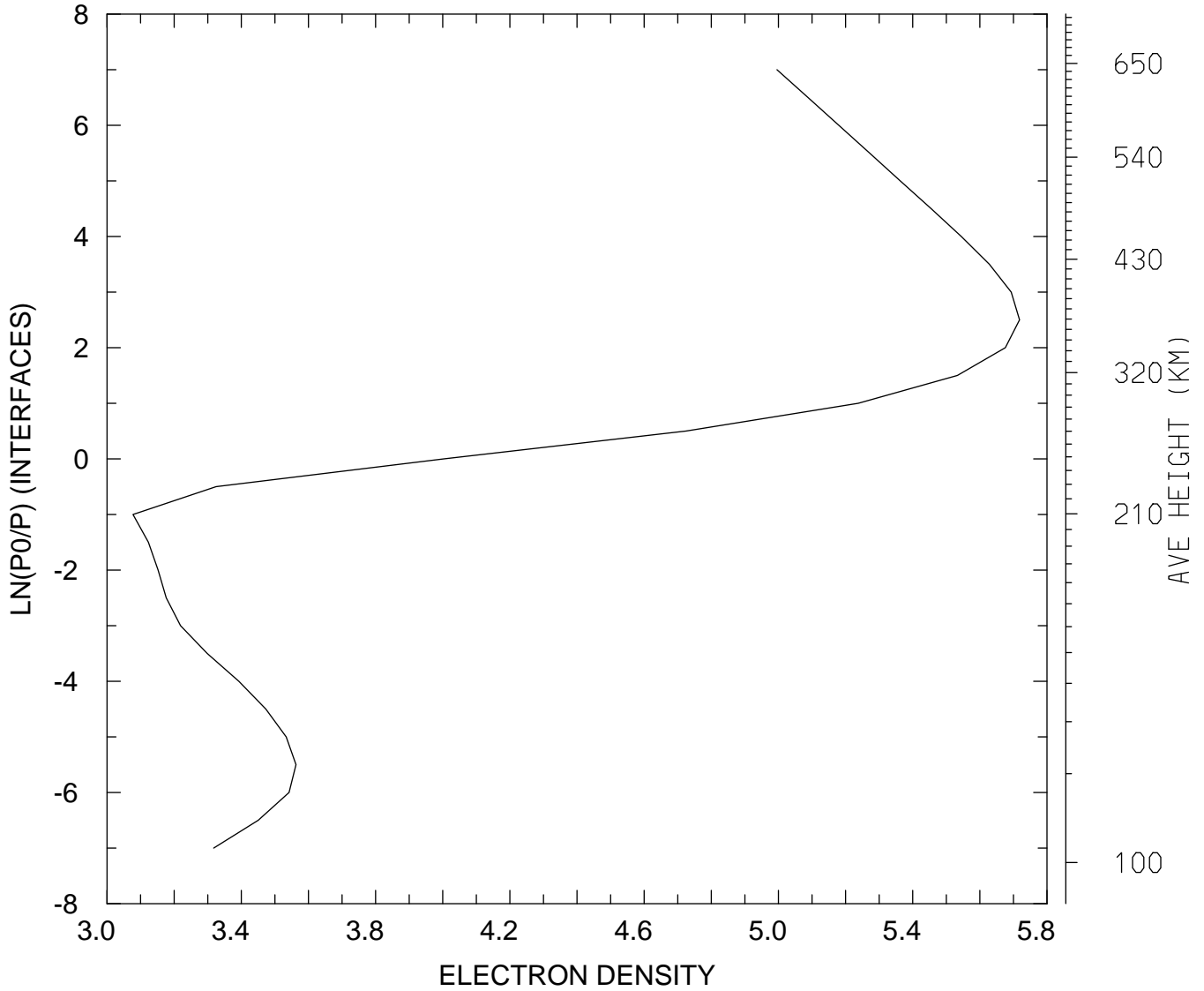
MIN,MAX= 5.3740E+04 2.0862E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



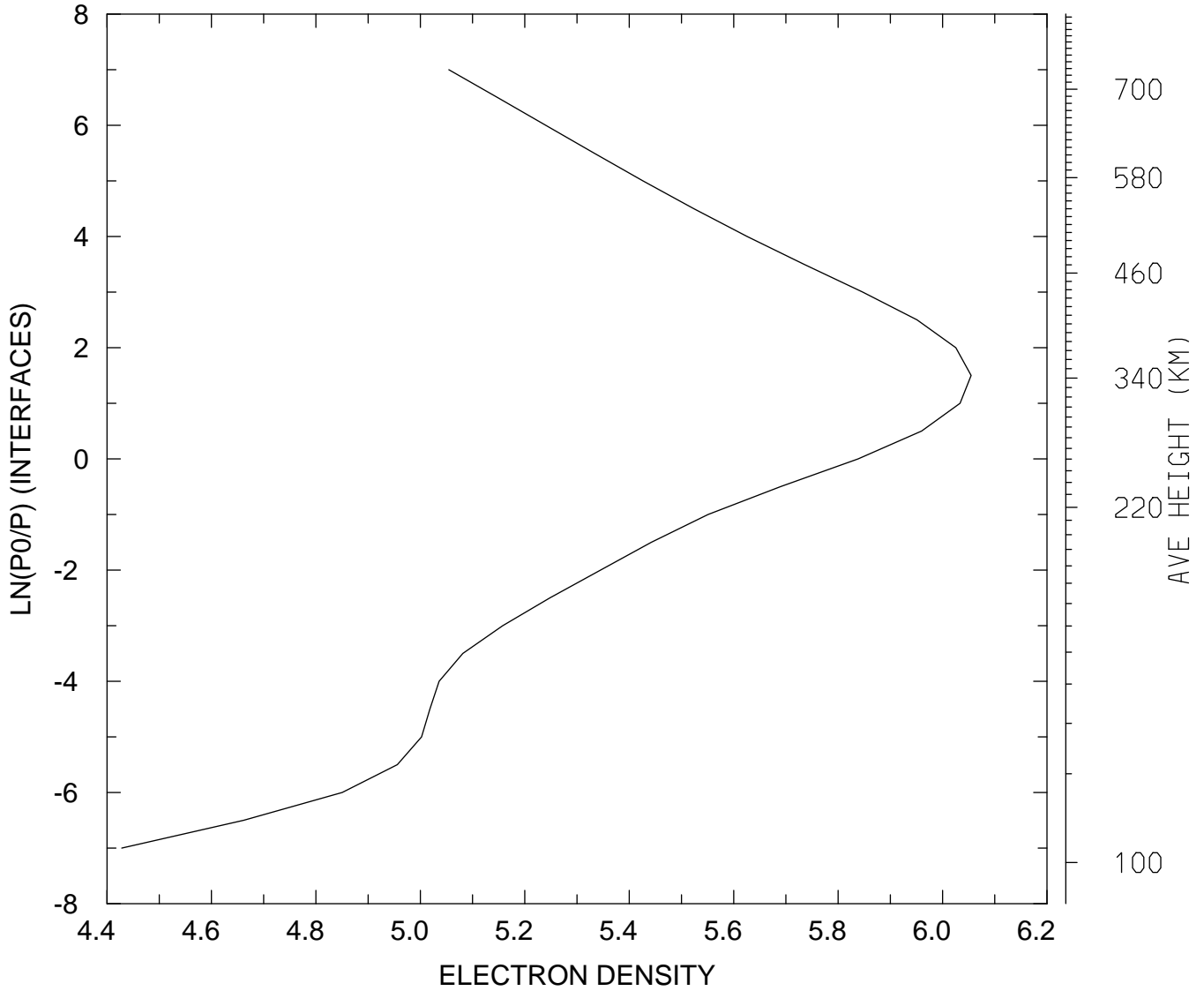
MIN,MAX= 1.5891E+04 1.3782E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



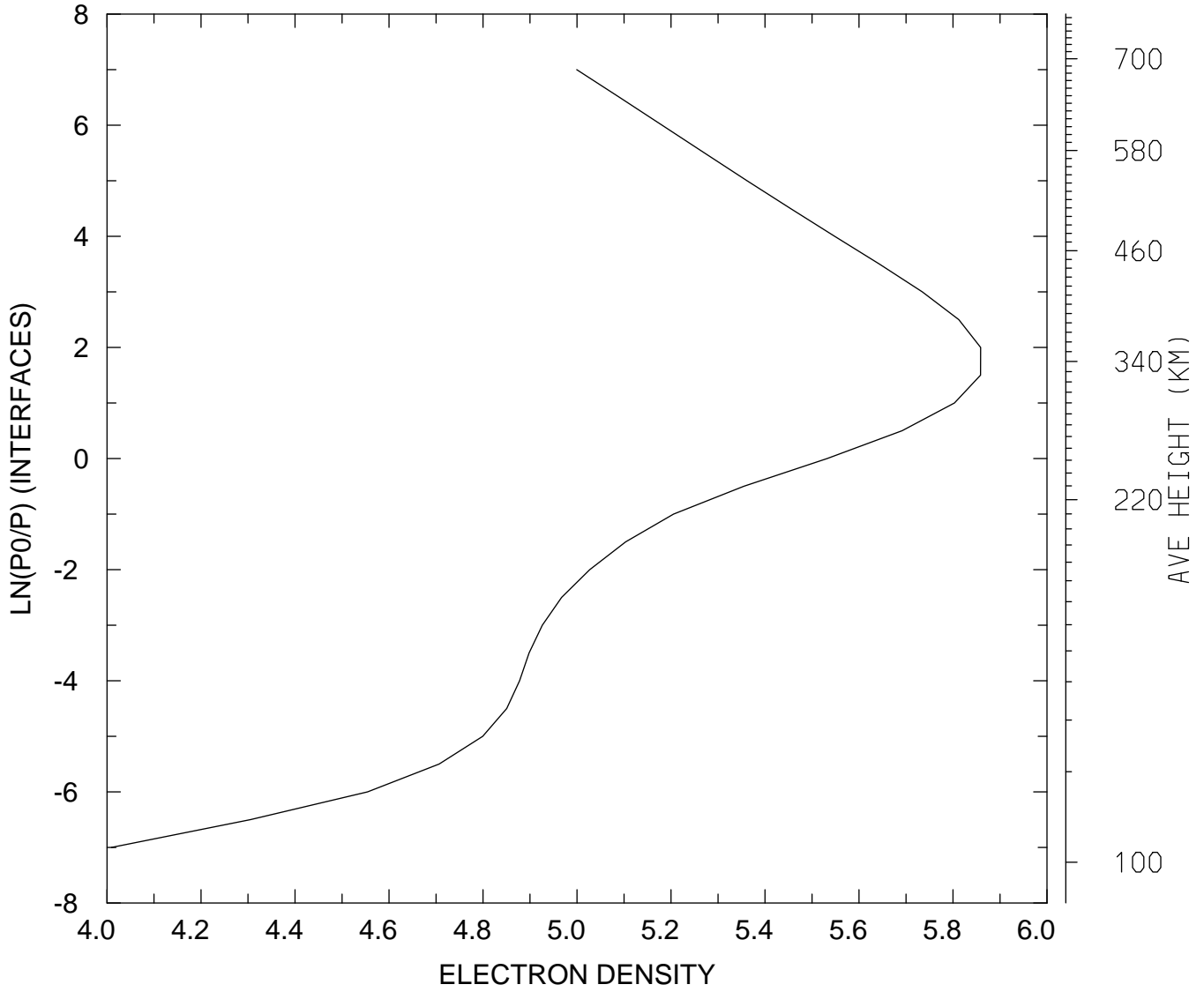
MIN,MAX= 1.1946E+03 5.2273E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



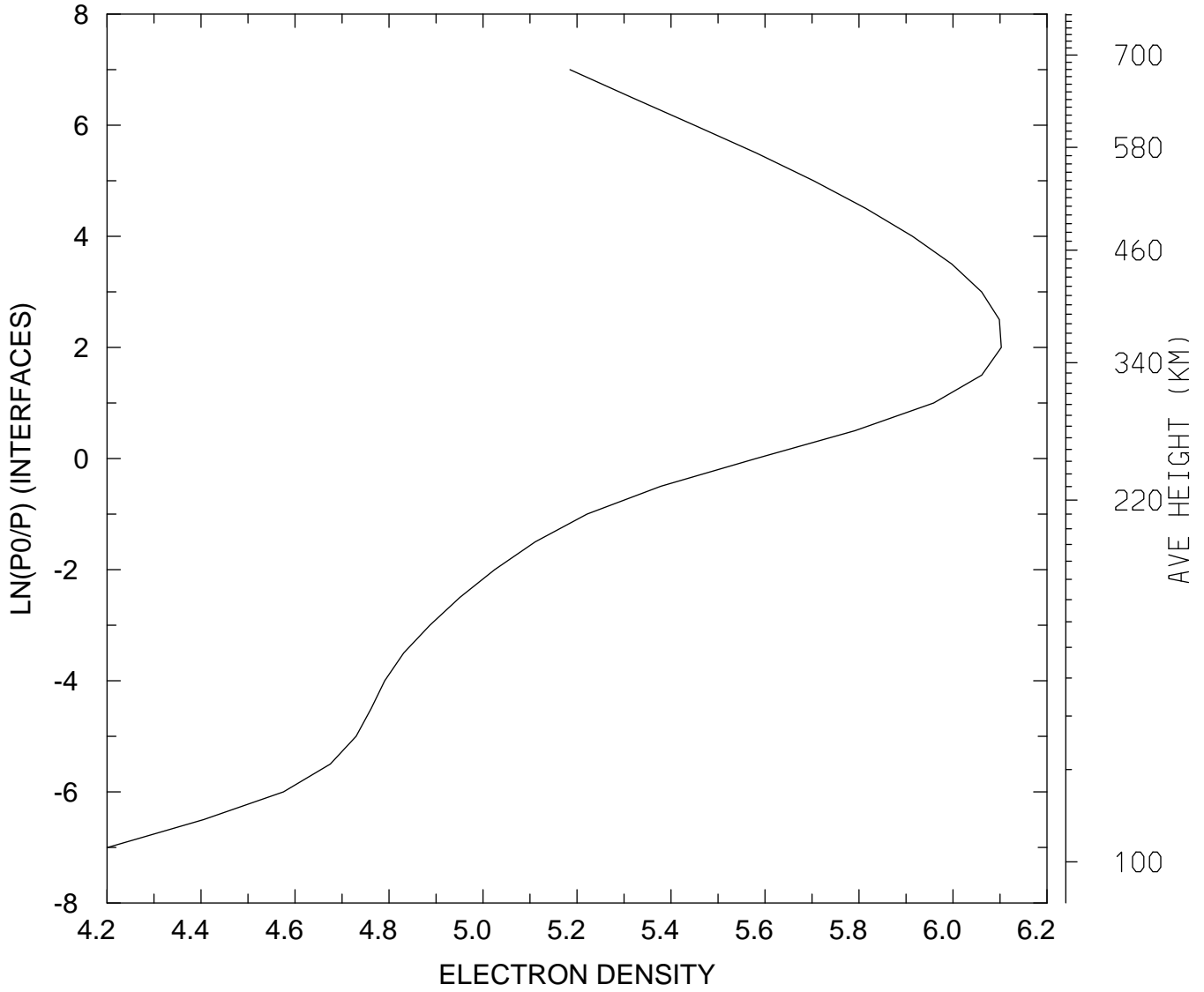
MIN,MAX= 2.6798E+04 1.1344E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



MIN,MAX= 1.0219E+04 7.2219E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

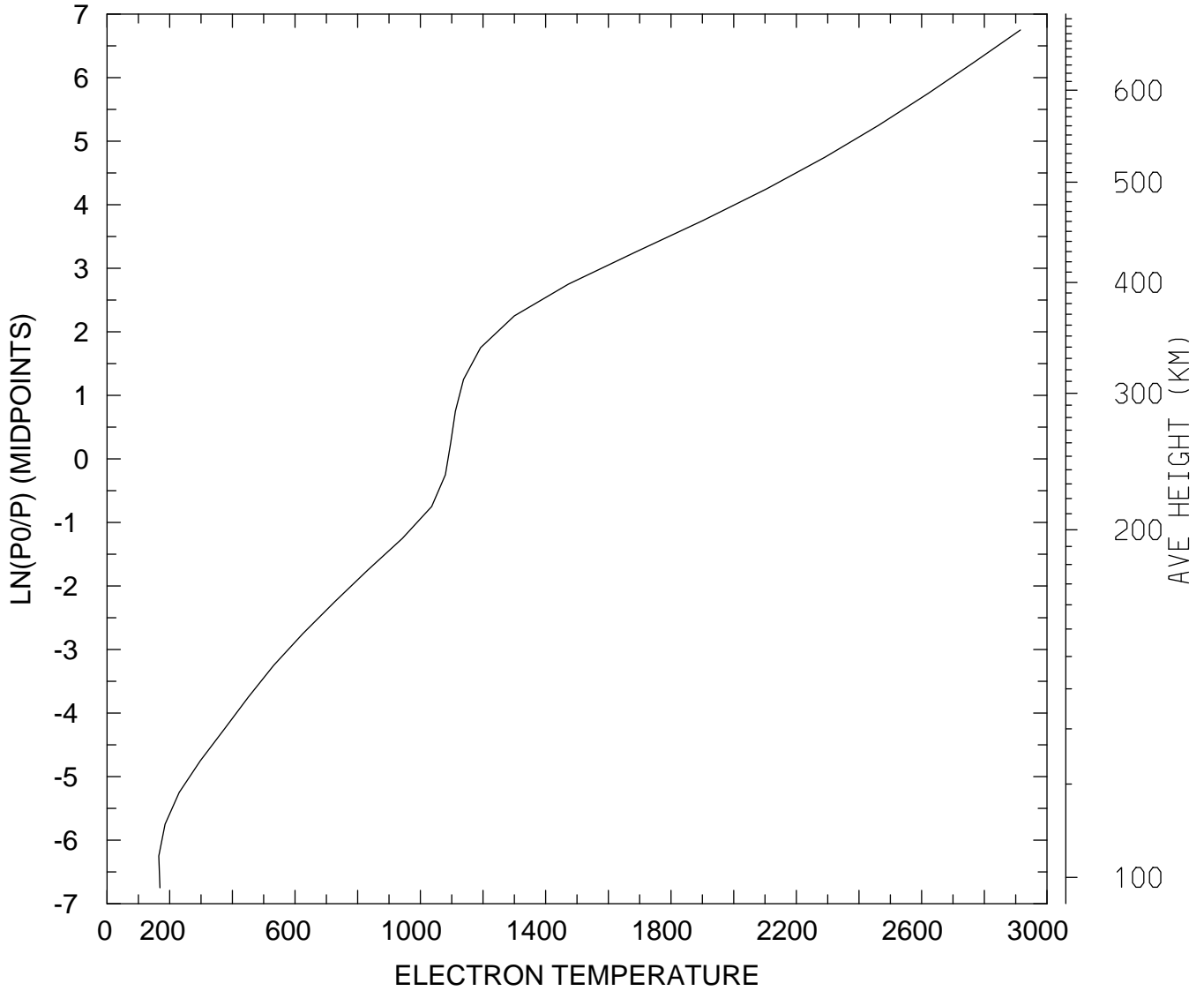
LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 GLOBAL MEANS



MIN,MAX= 1.5905E+04 1.2669E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

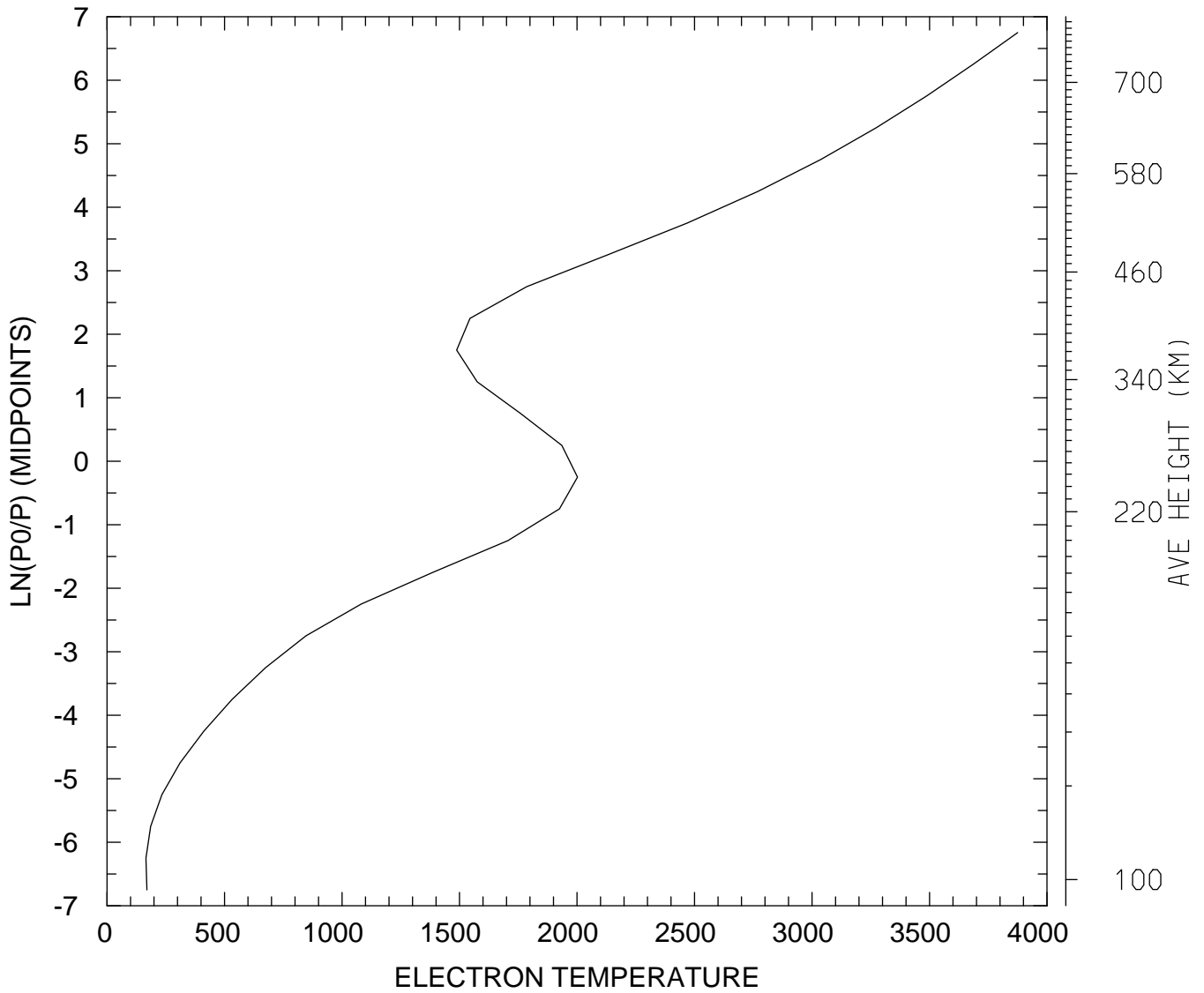


ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



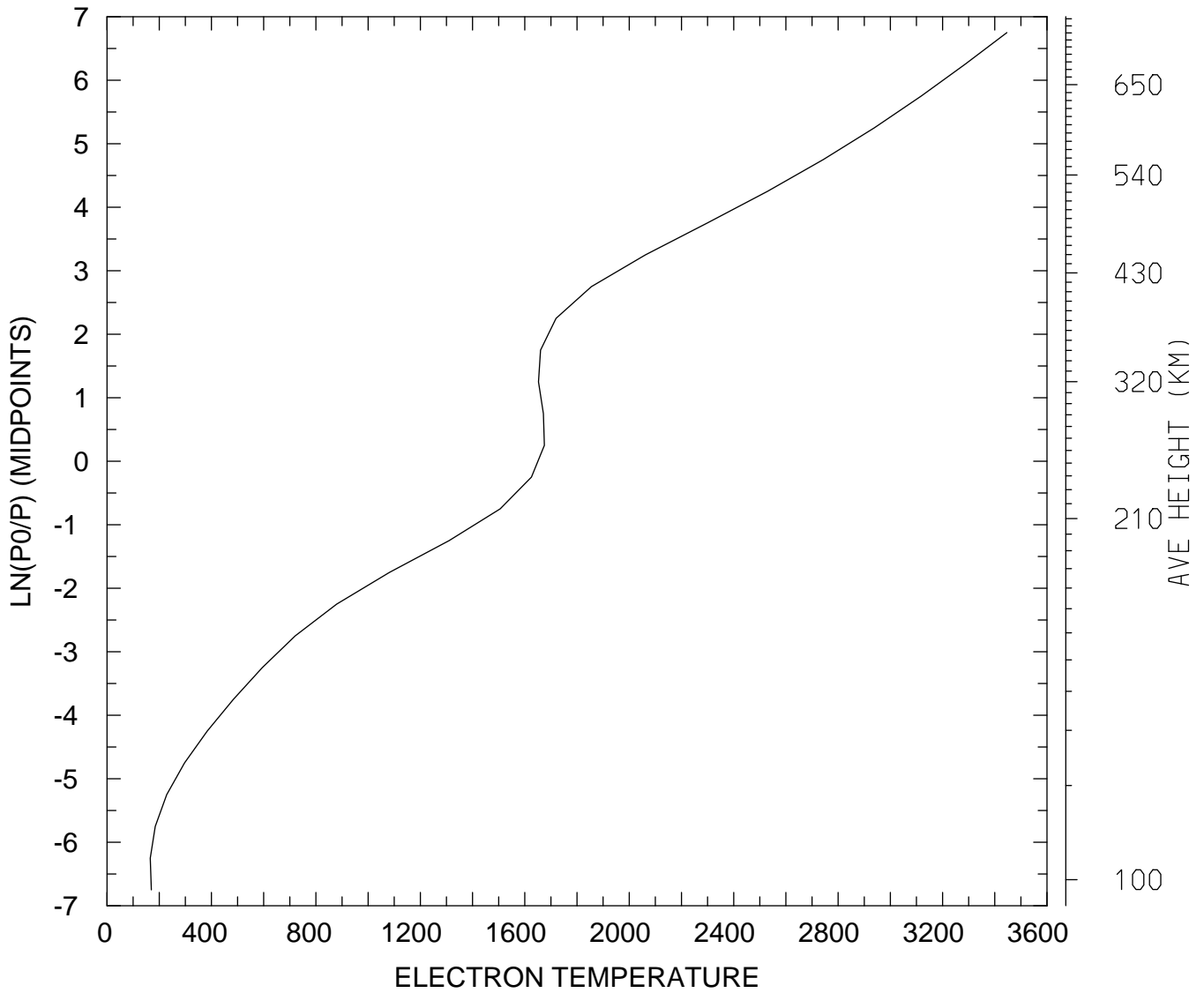
MIN,MAX= 1.6537E+02 2.9152E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



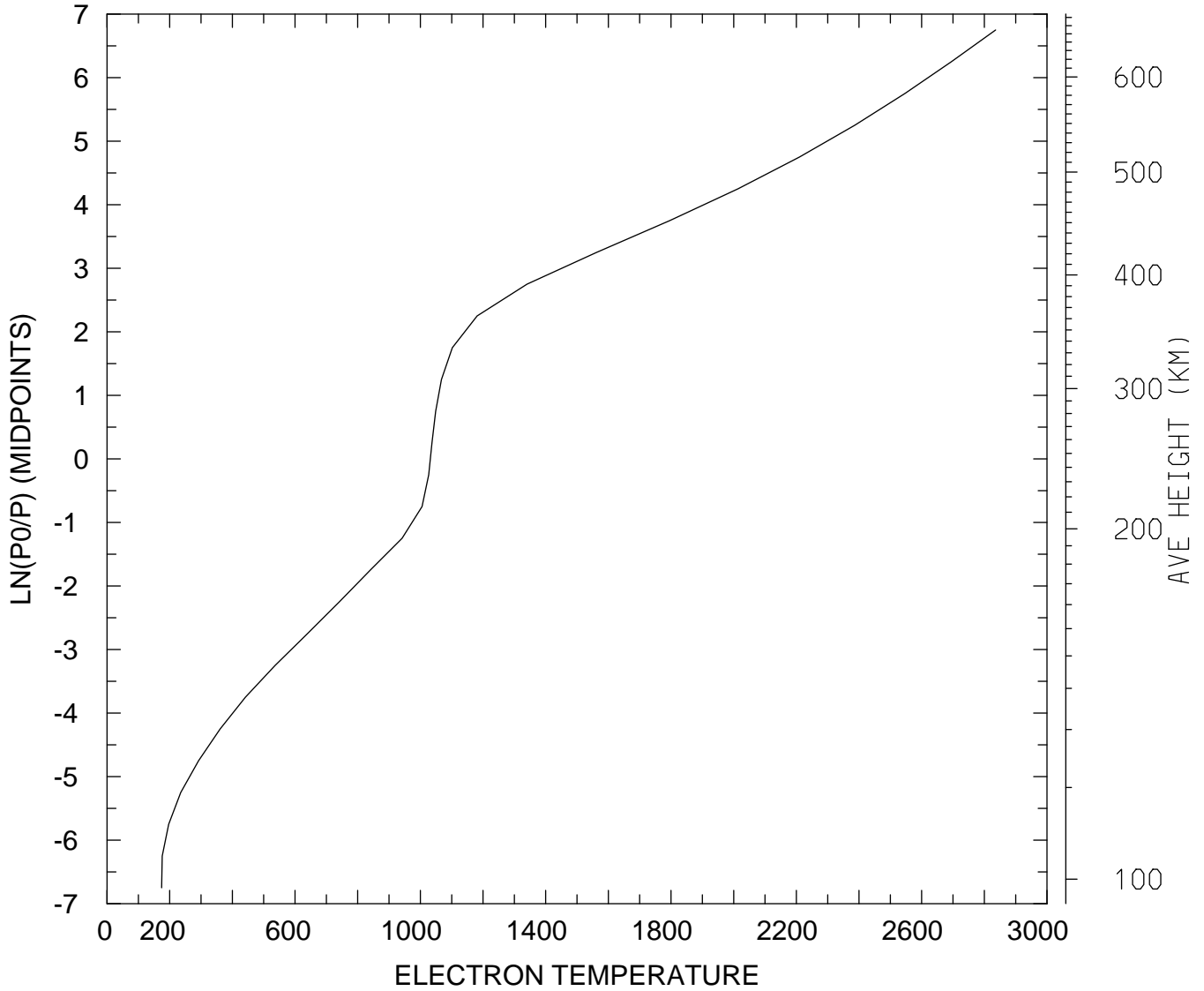
MIN,MAX= 1.6575E+02 3.8753E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



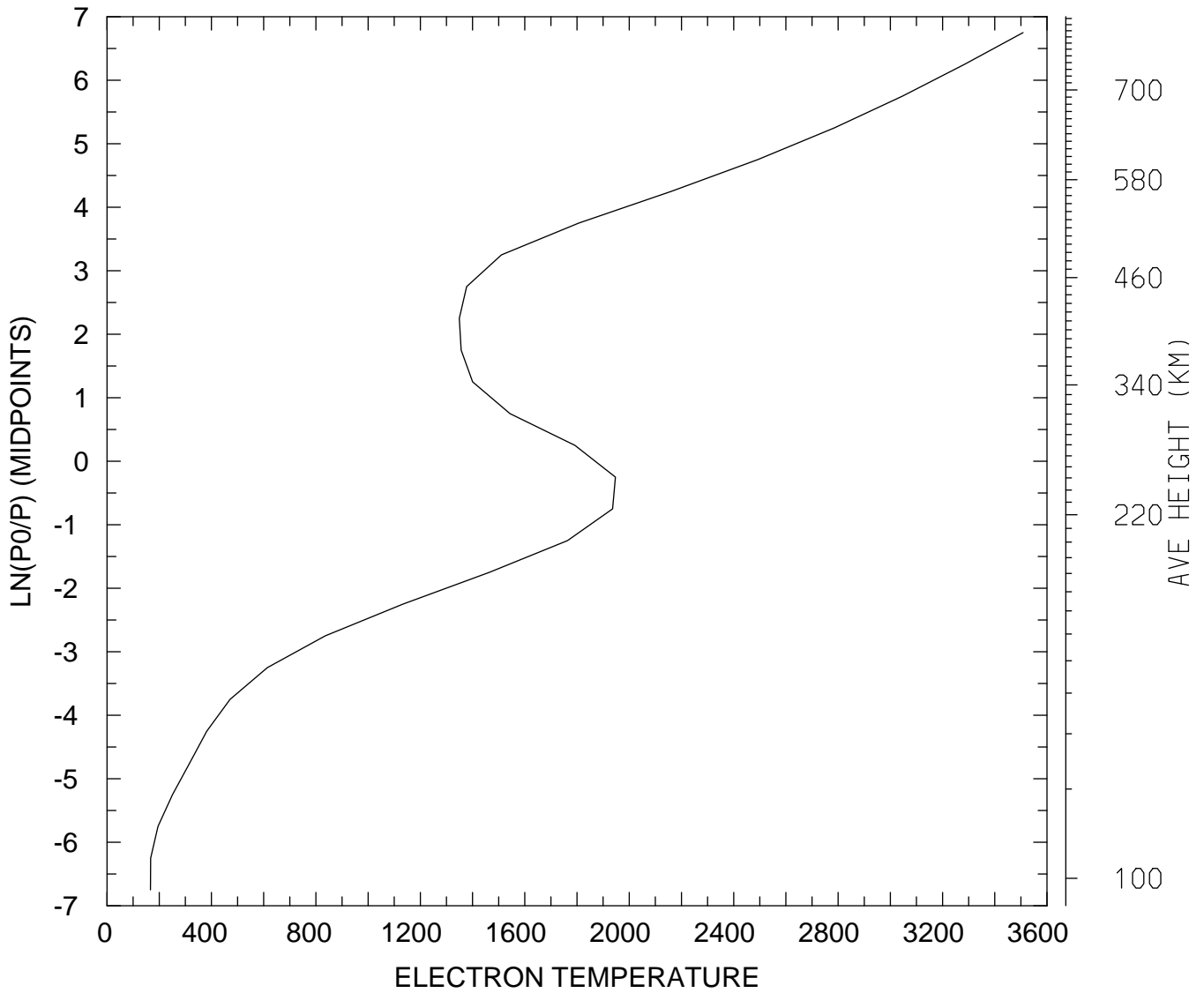
MIN,MAX= 1.6569E+02 3.4464E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



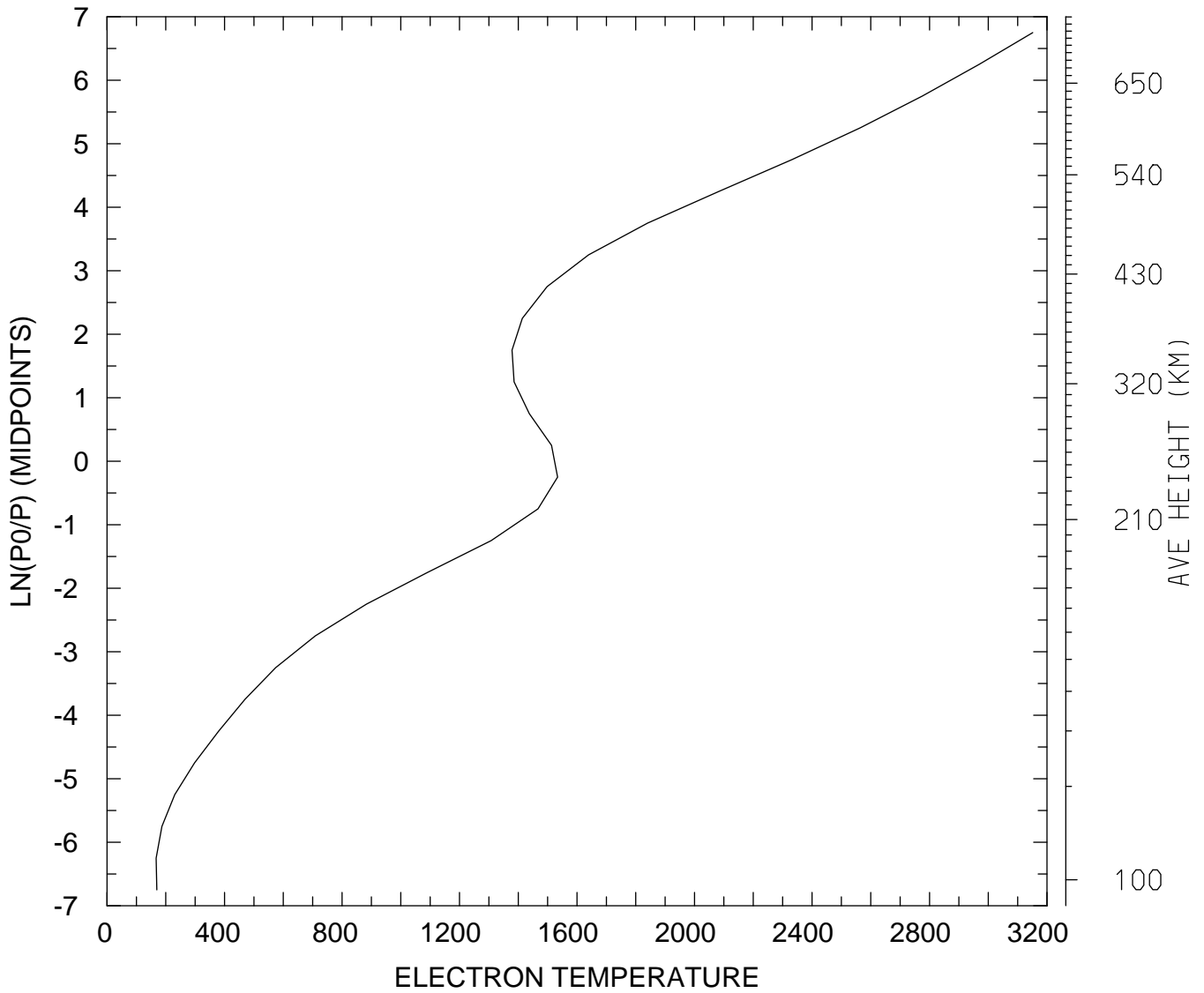
MIN,MAX= 1.7419E+02 2.8359E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



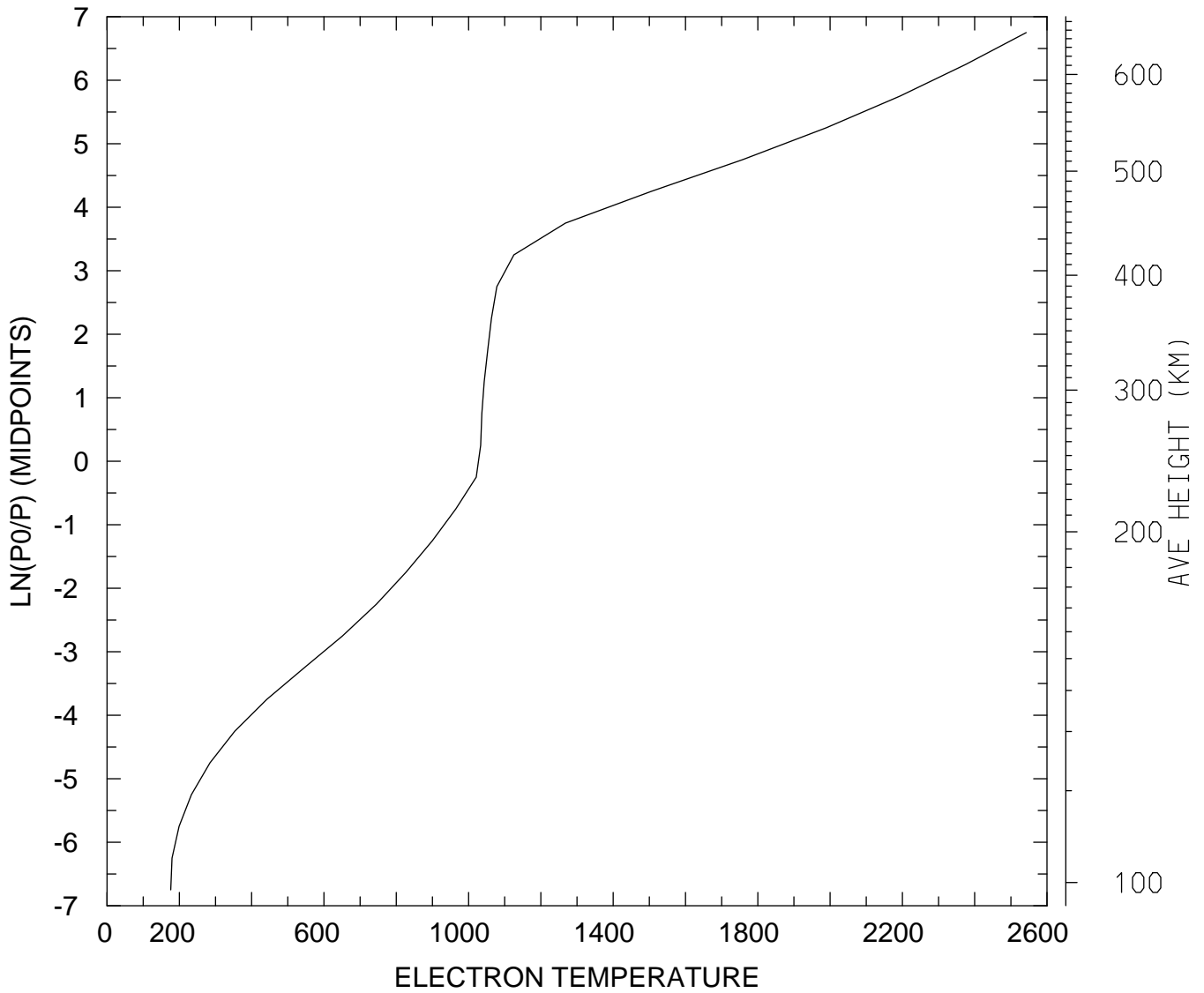
MIN,MAX= 1.6619E+02 3.5082E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



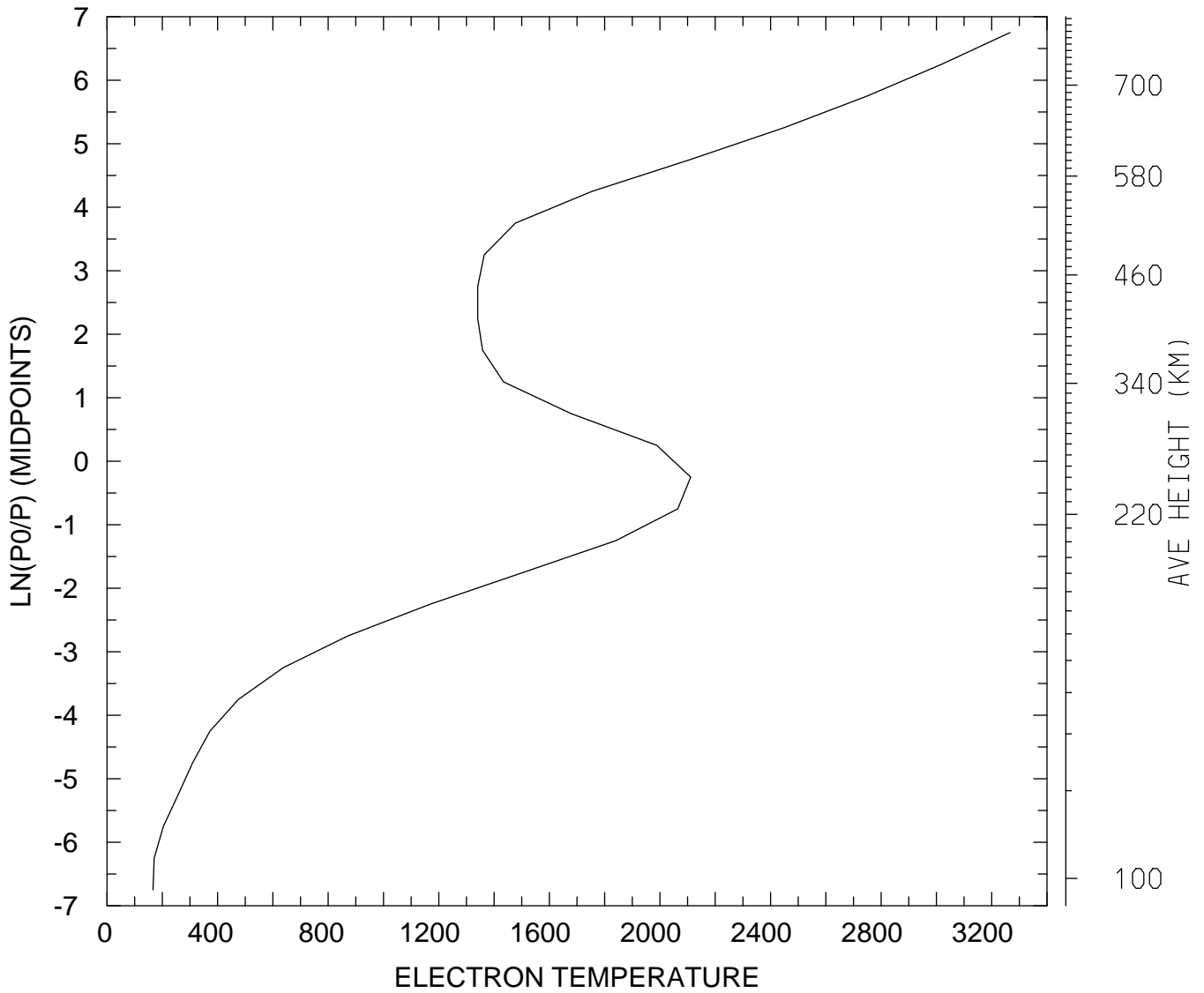
MIN,MAX= 1.6741E+02 3.1514E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 1.7632E+02 2.5424E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

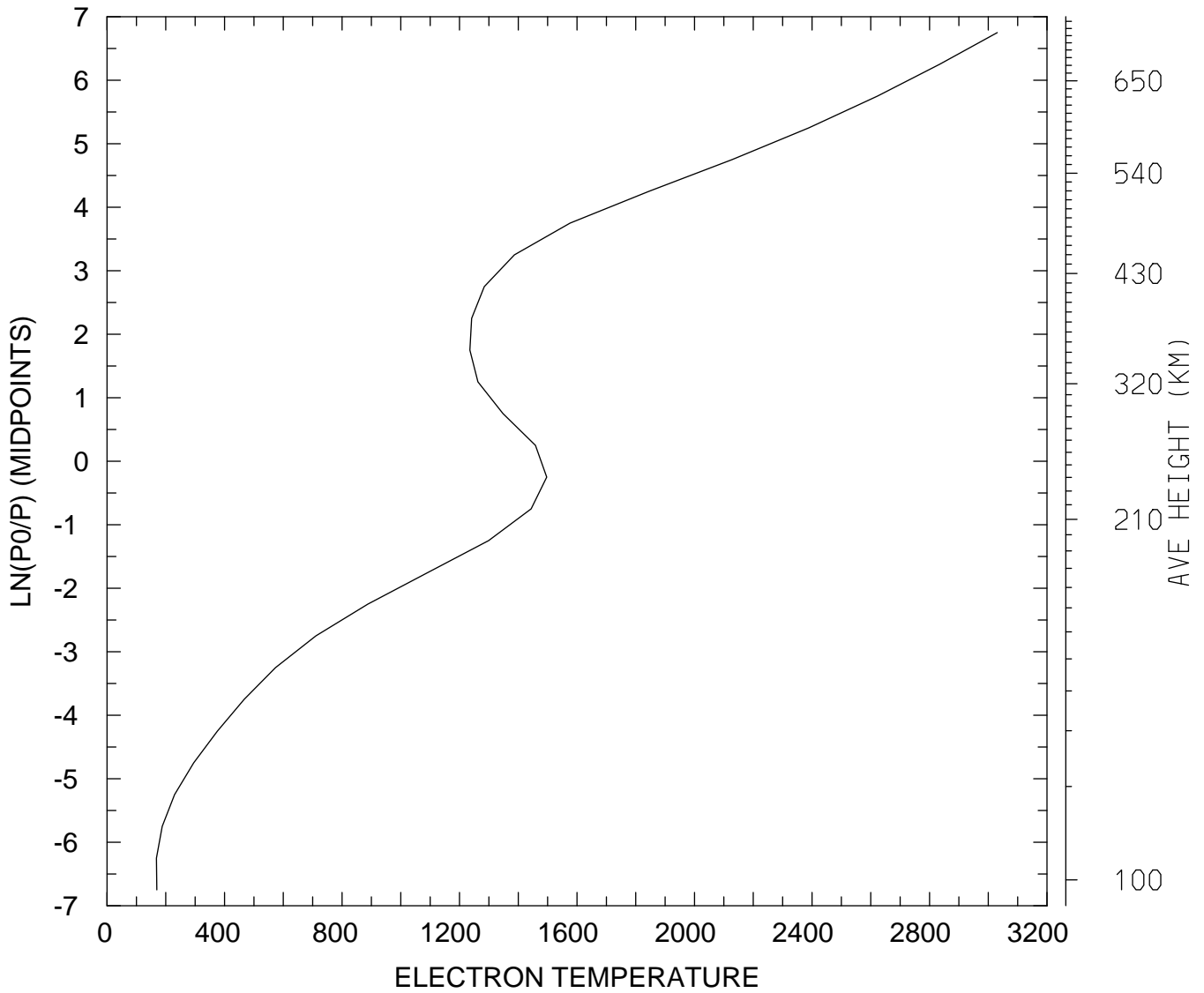
ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



MIN,MAX= 1.6638E+02 3.2658E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

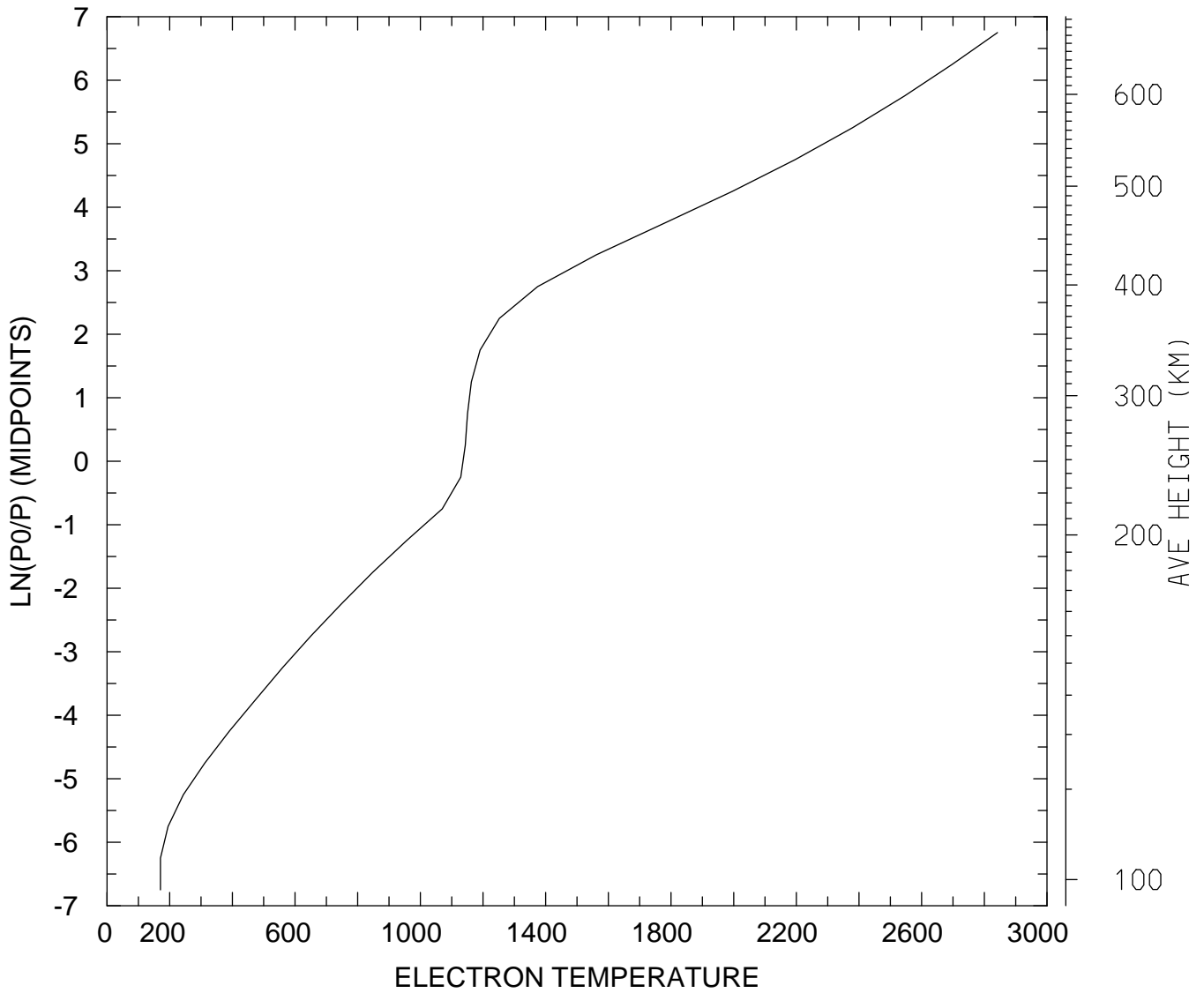


ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



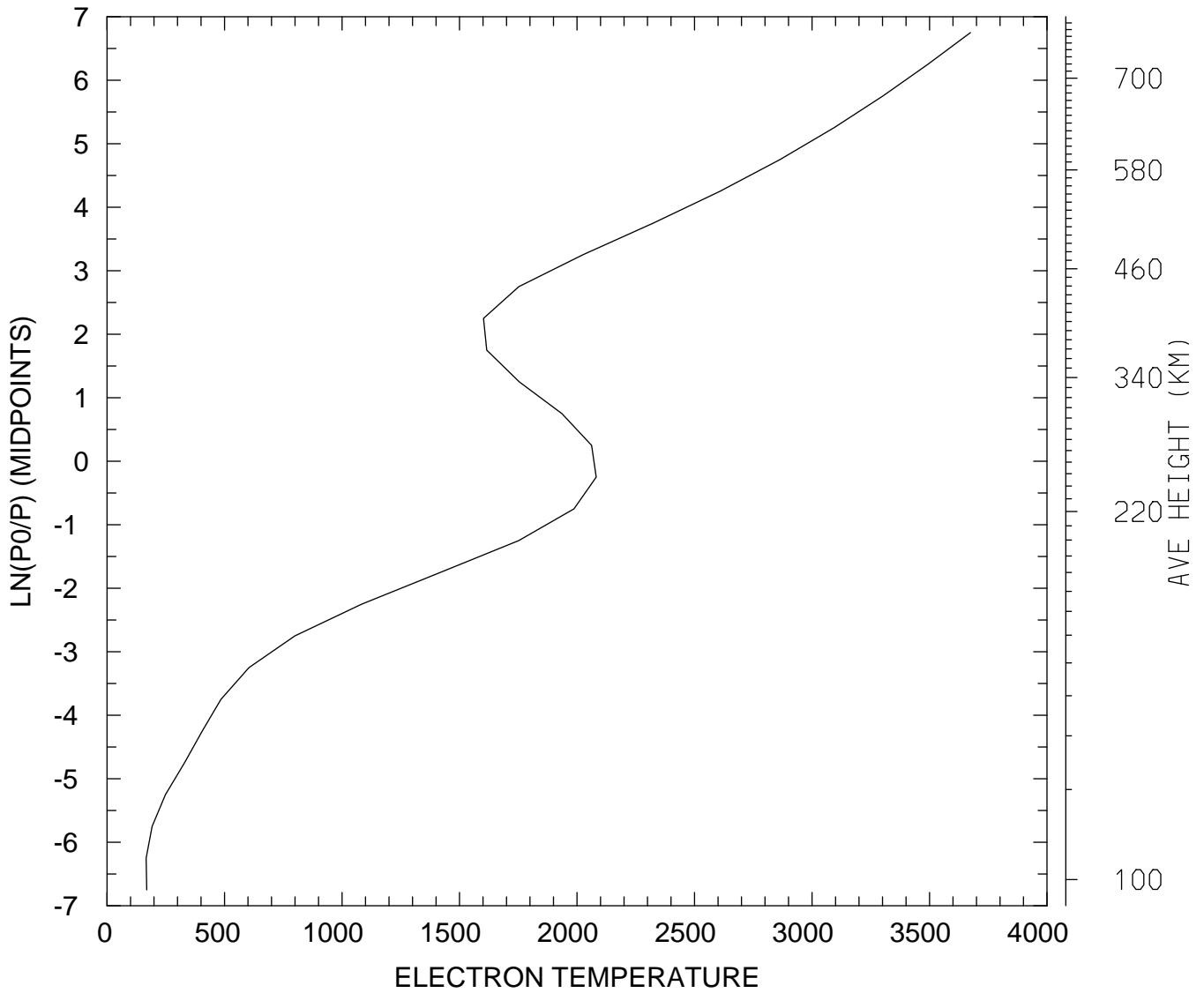
MIN,MAX= 1.6817E+02 3.0309E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



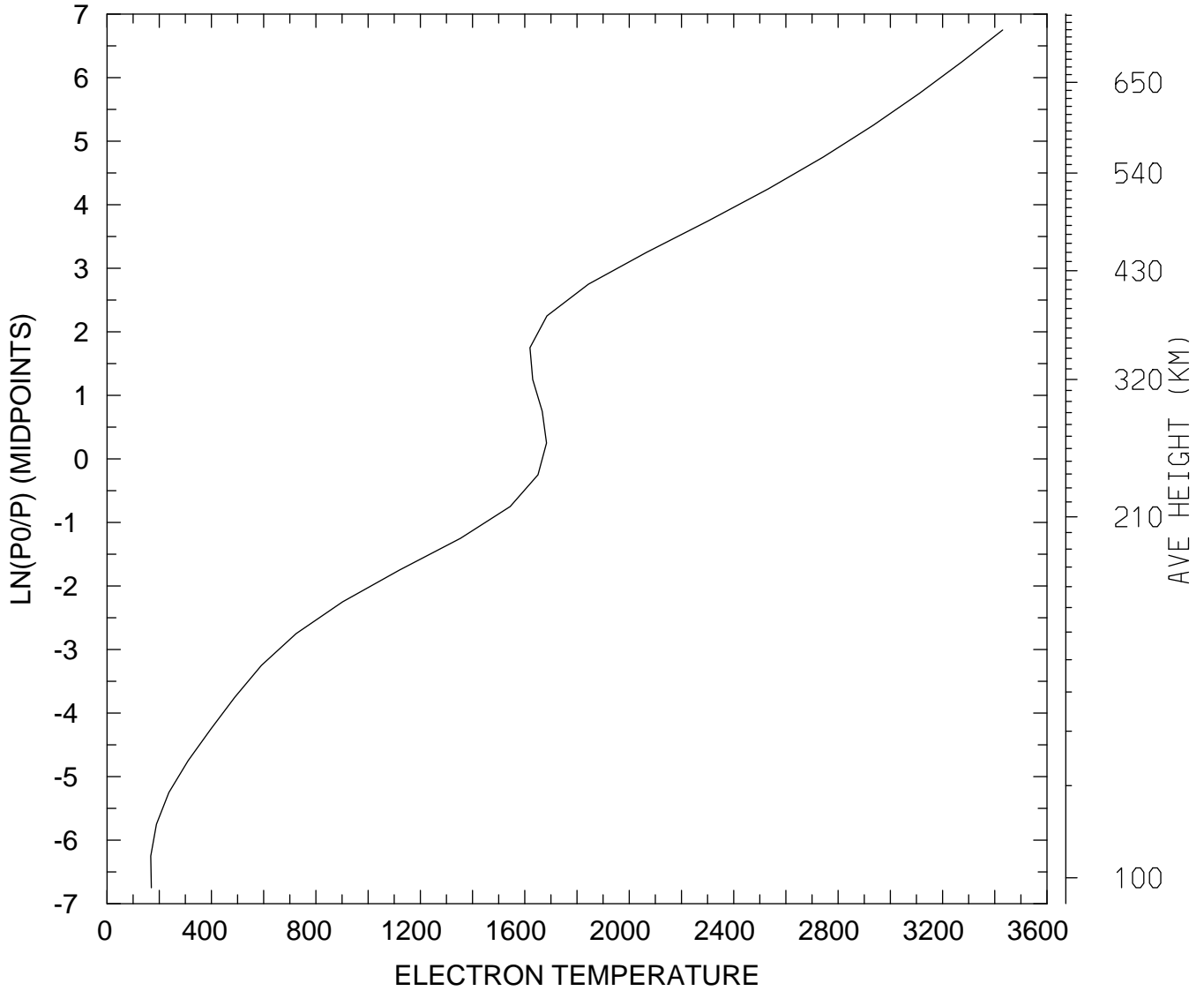
MIN,MAX= 1.7049E+02 2.8418E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



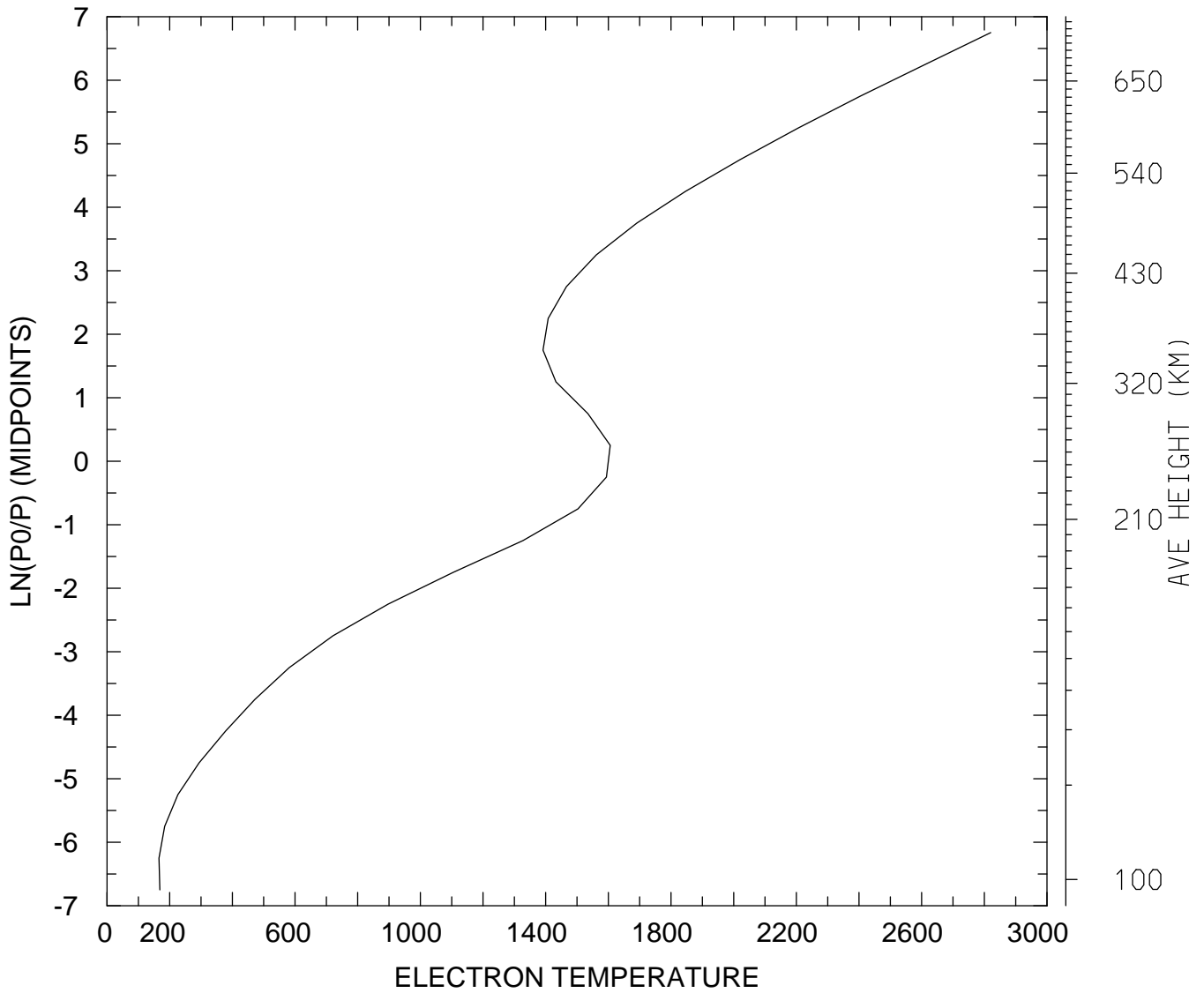
MIN,MAX= 1.6666E+02 3.6743E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



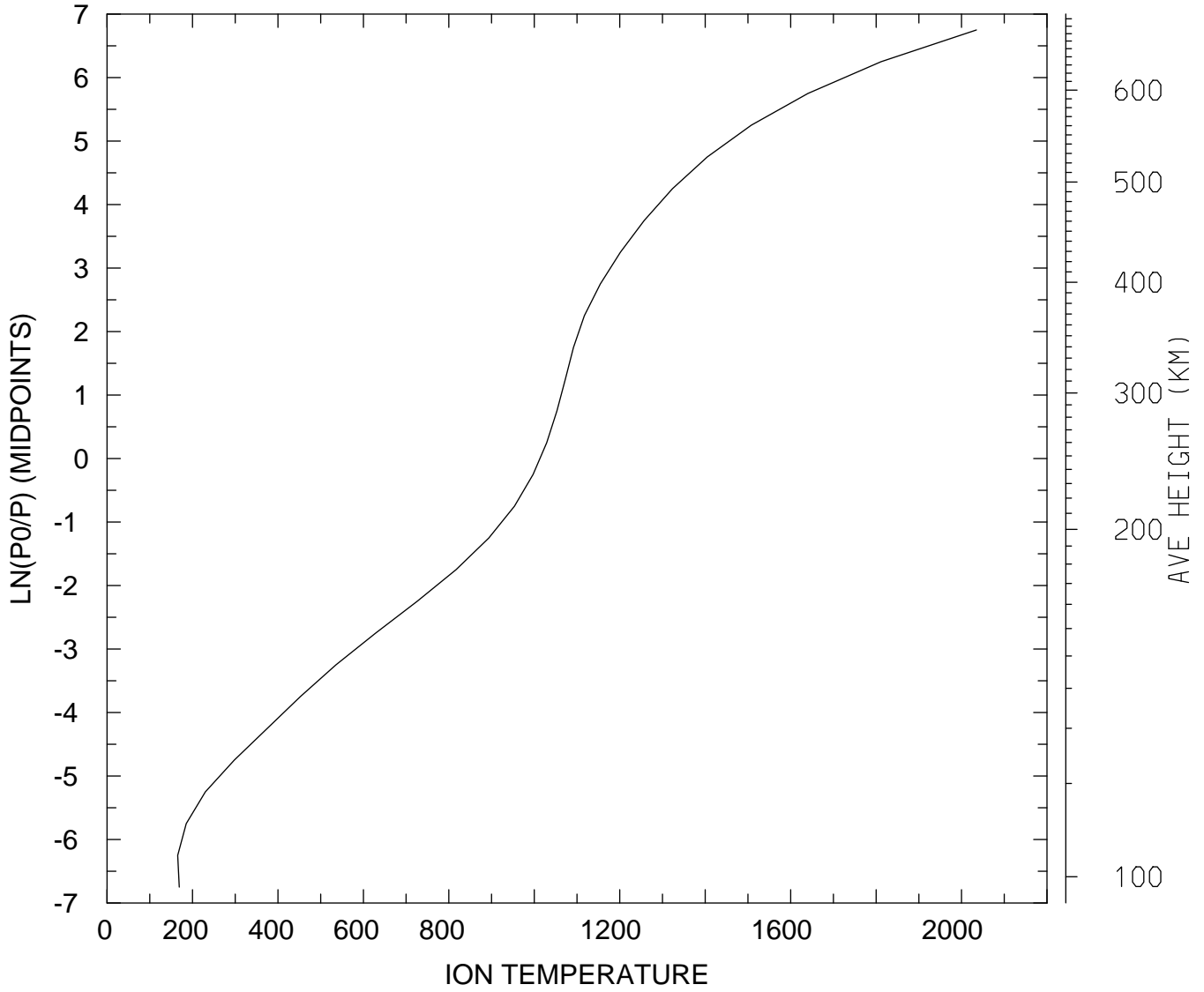
MIN,MAX= 1.6770E+02 3.4303E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 GLOBAL MEANS



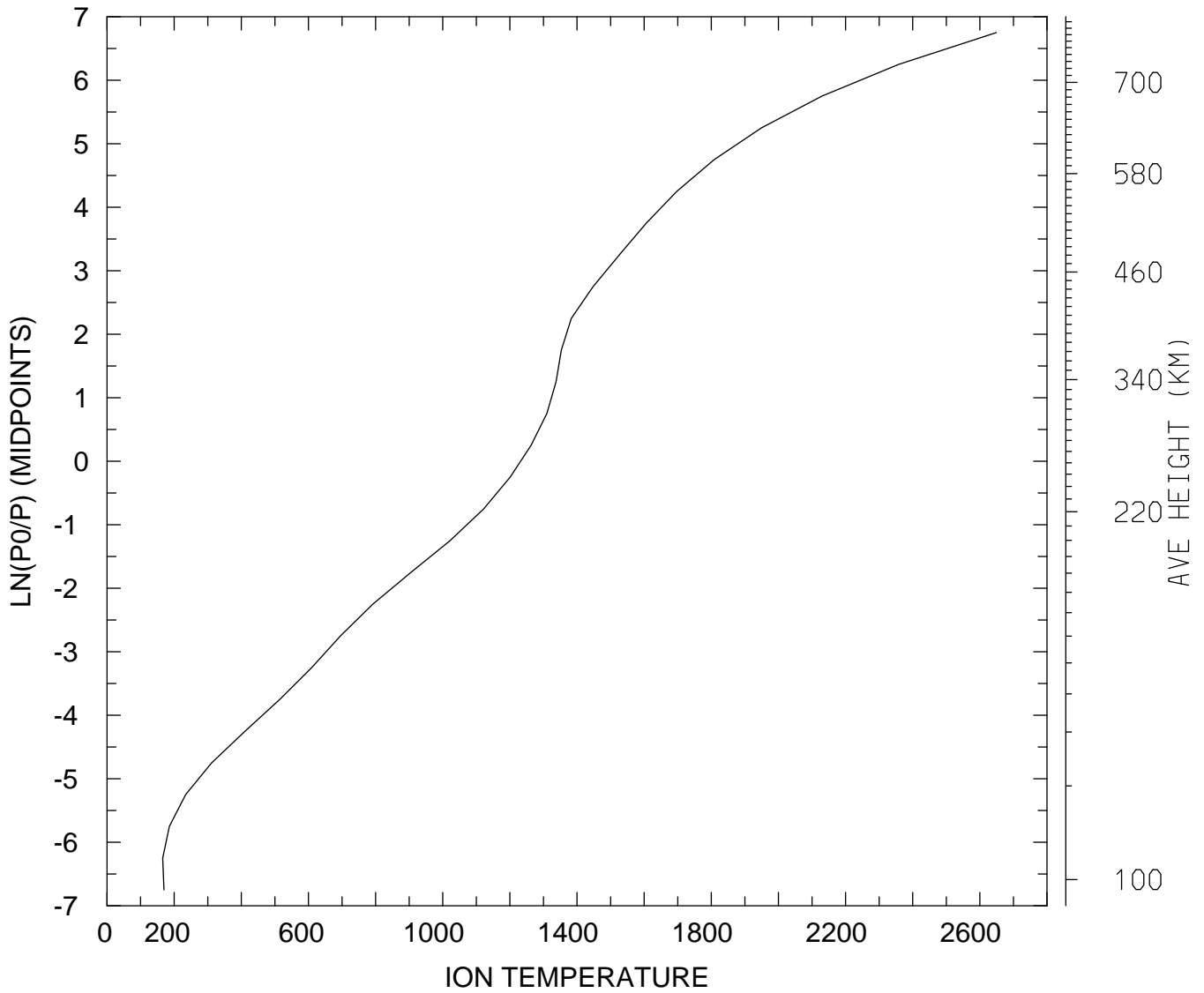
MIN,MAX= 1.6568E+02 2.8203E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



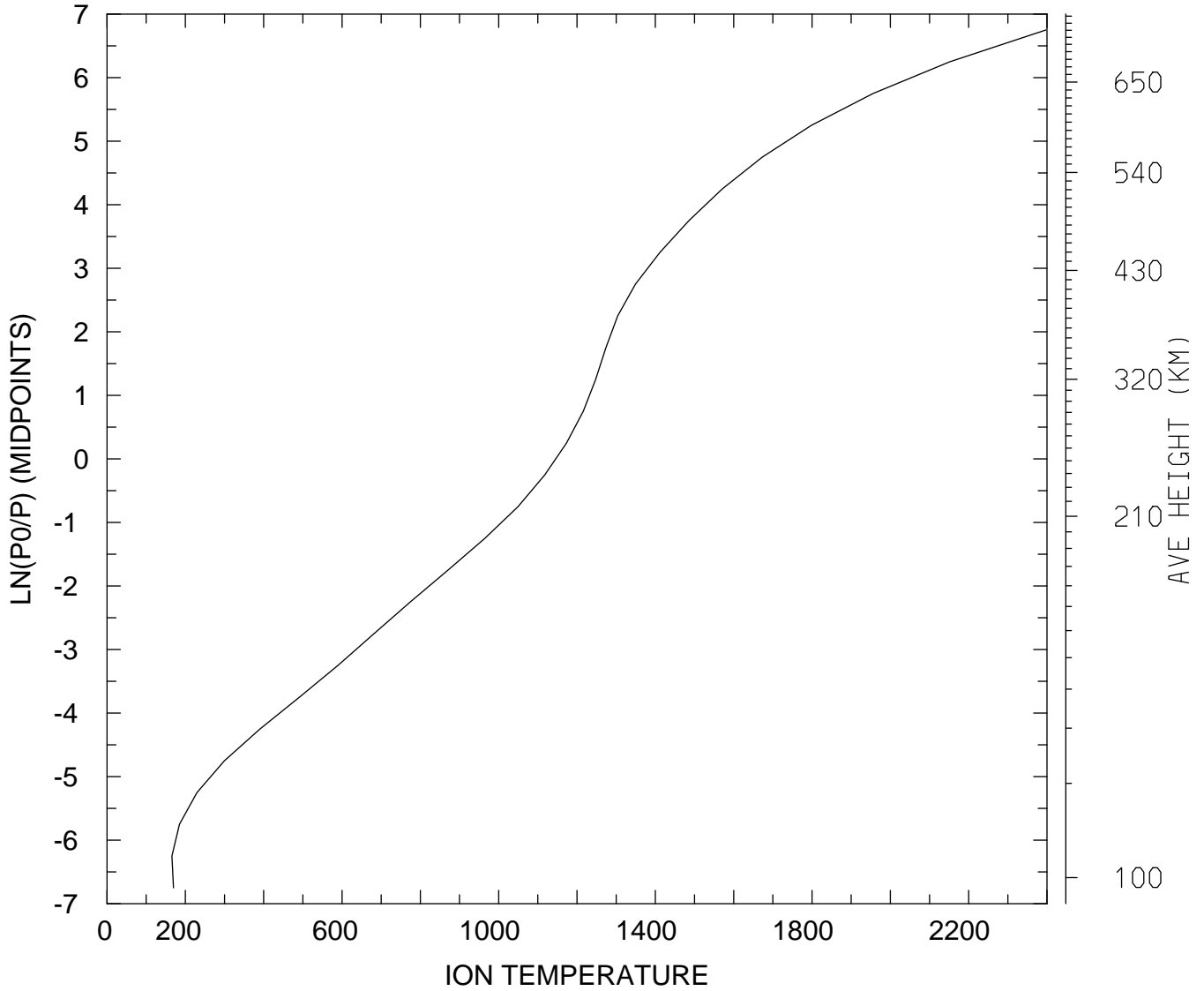
MIN,MAX= 1.6538E+02 2.0348E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 1.6580E+02 2.6490E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

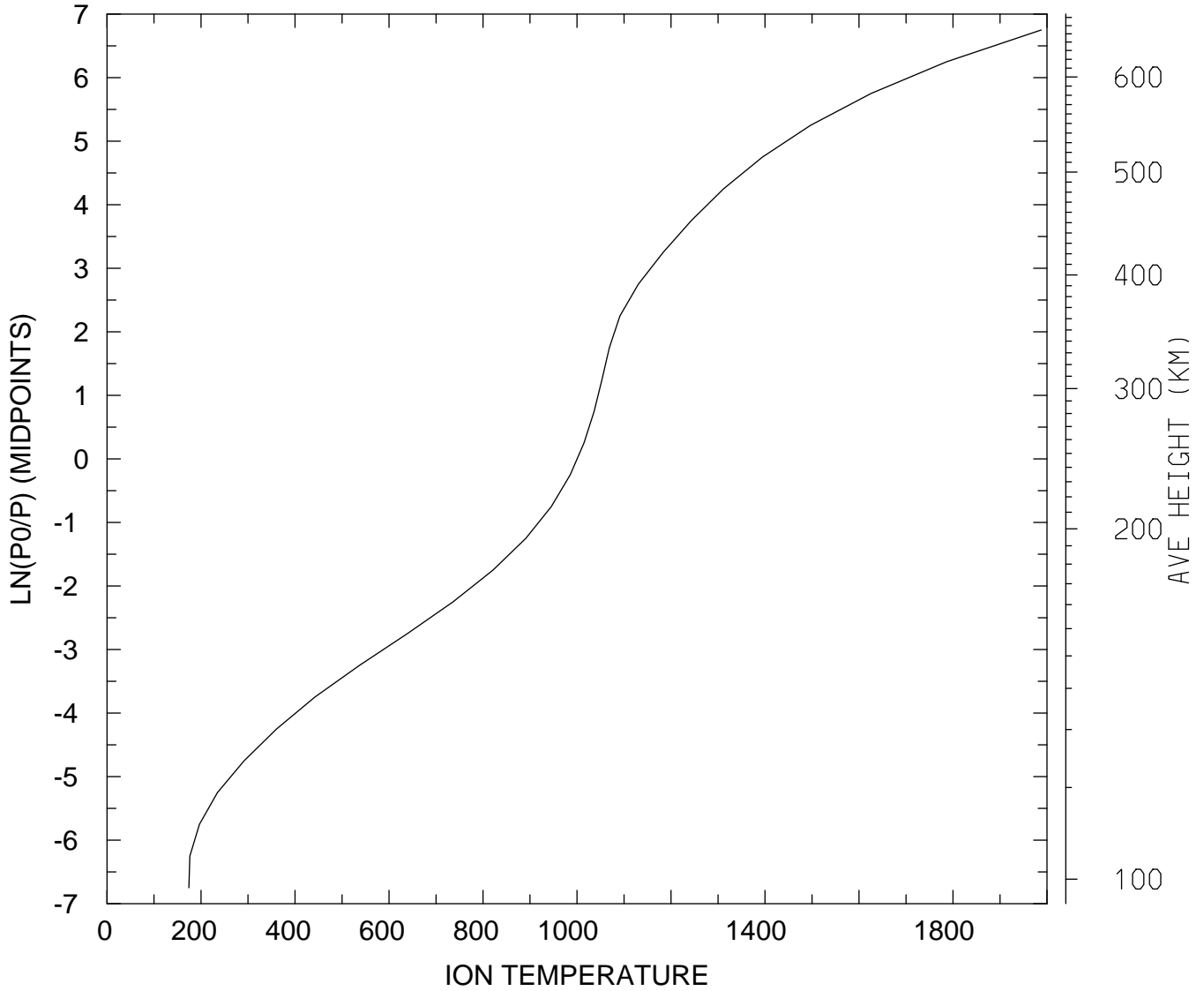
ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



MIN,MAX= 1.6577E+02 2.3971E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

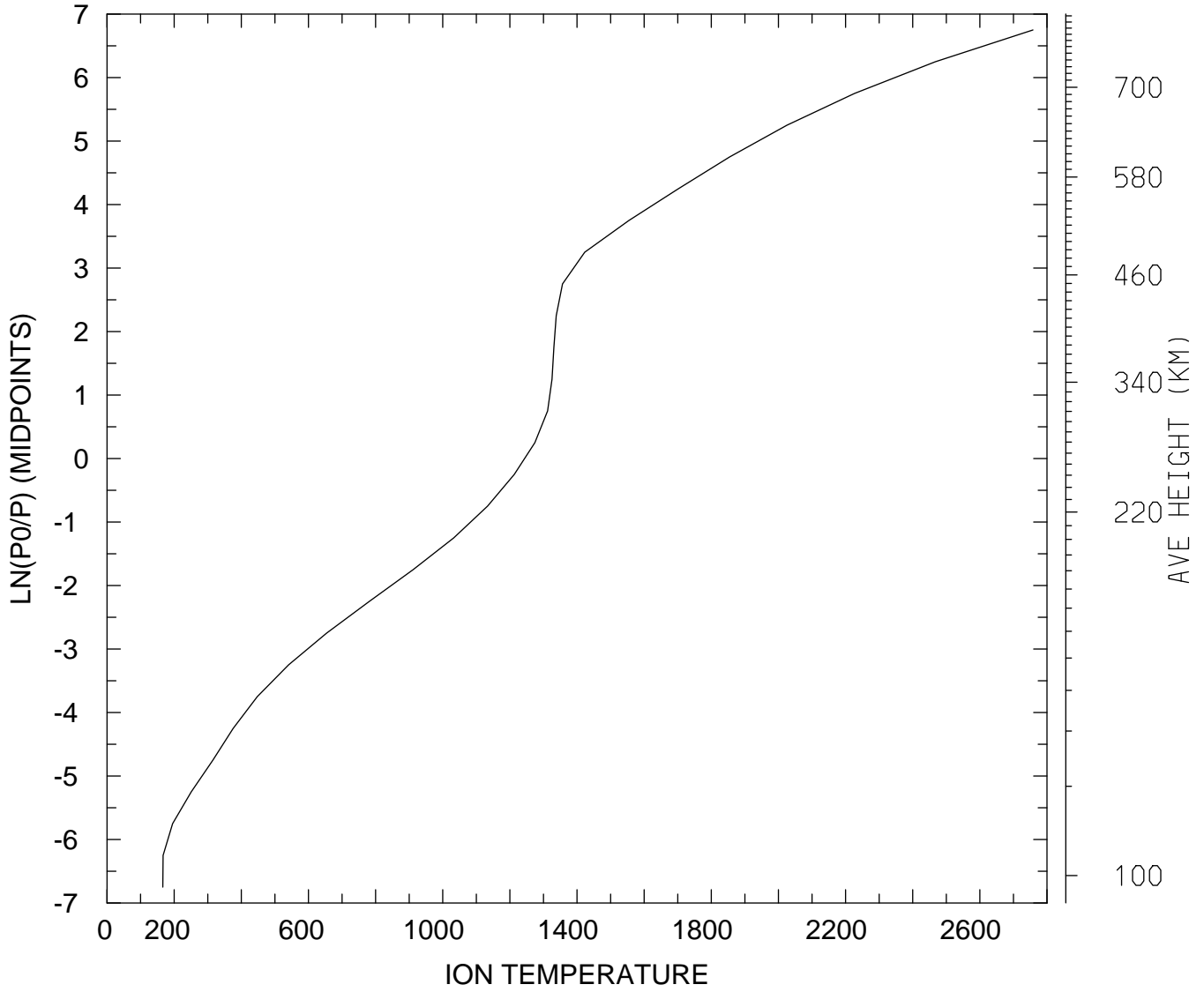


ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



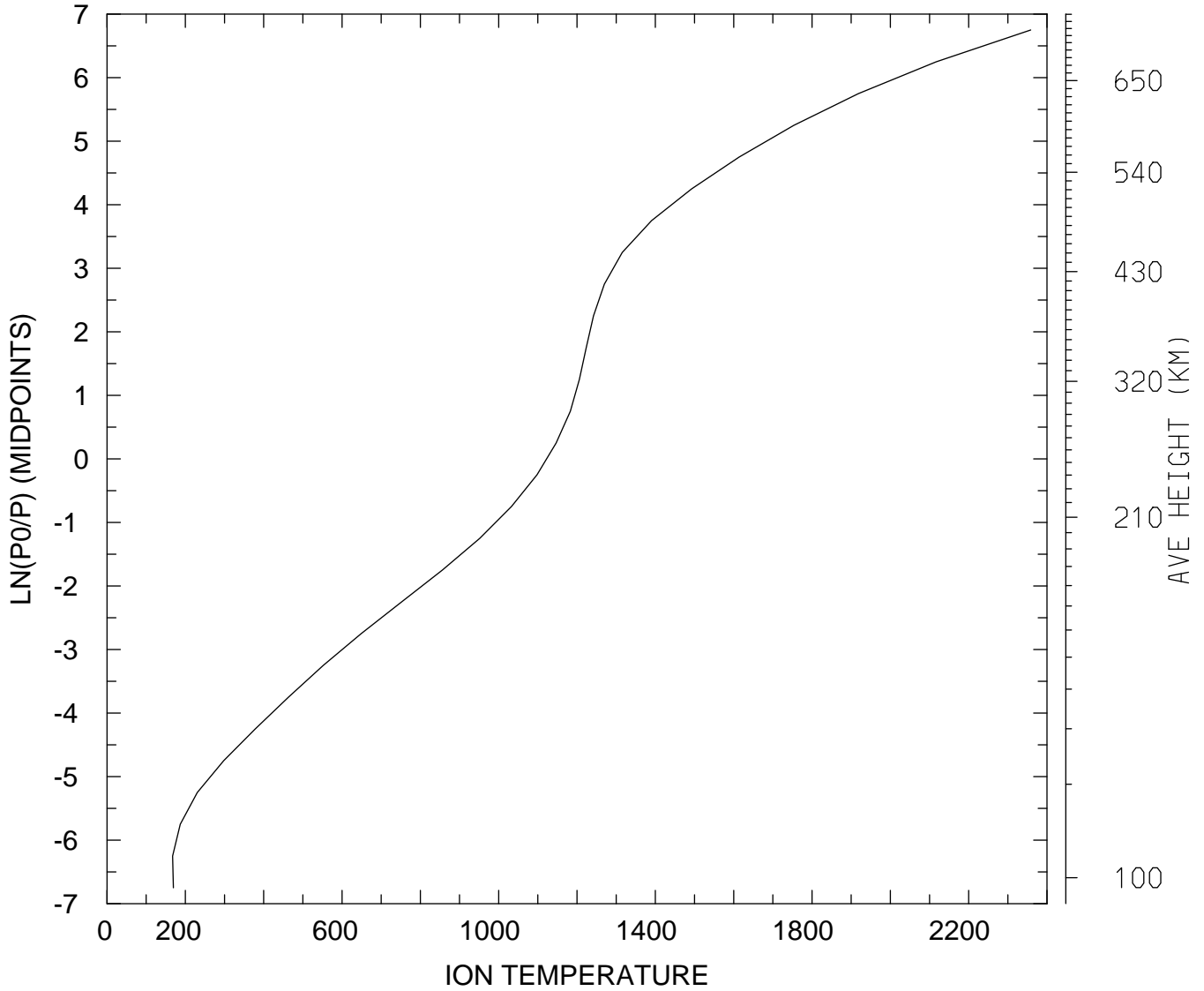
MIN,MAX= 1.7419E+02 1.9876E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



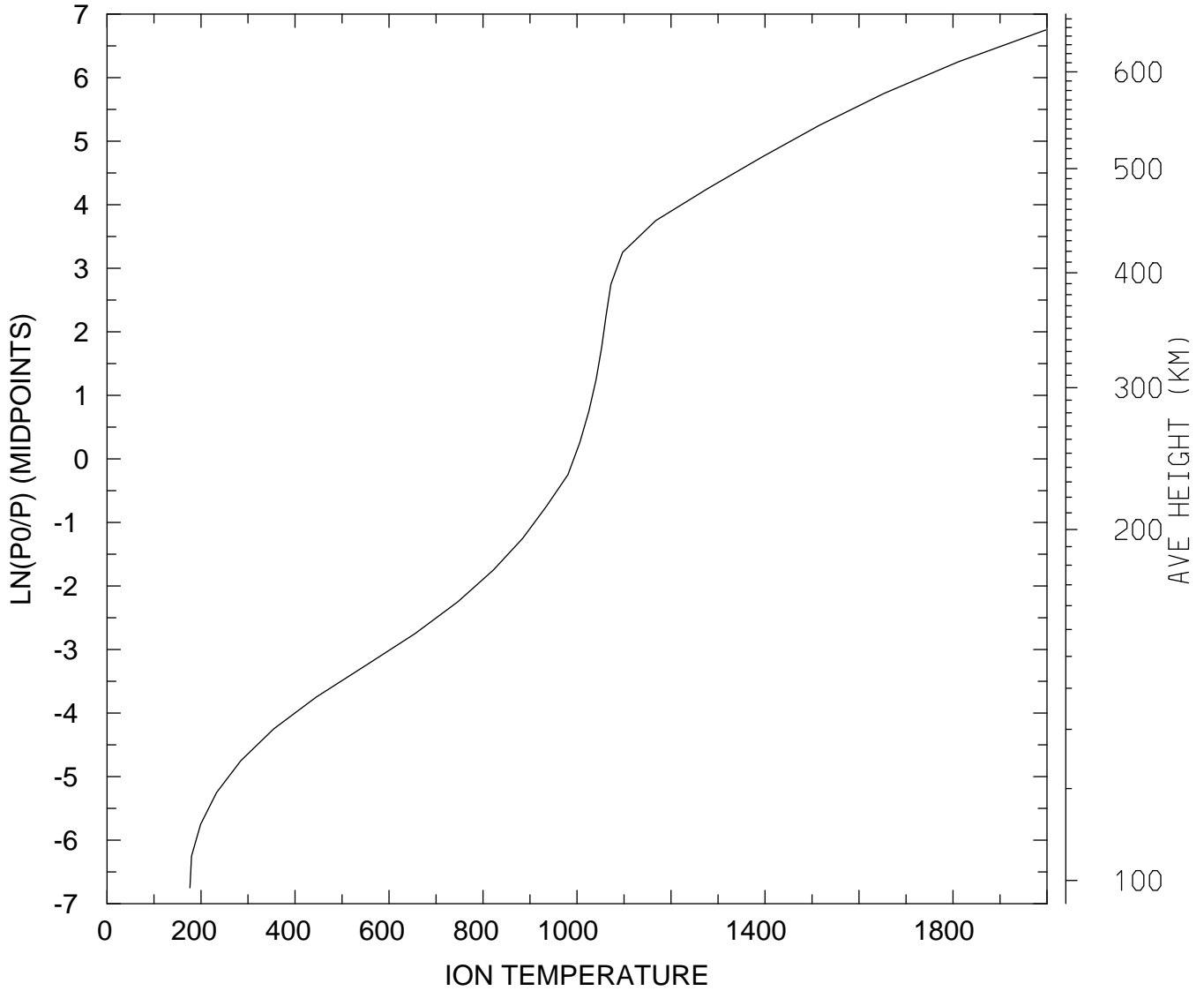
MIN,MAX= 1.6619E+02 2.7583E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



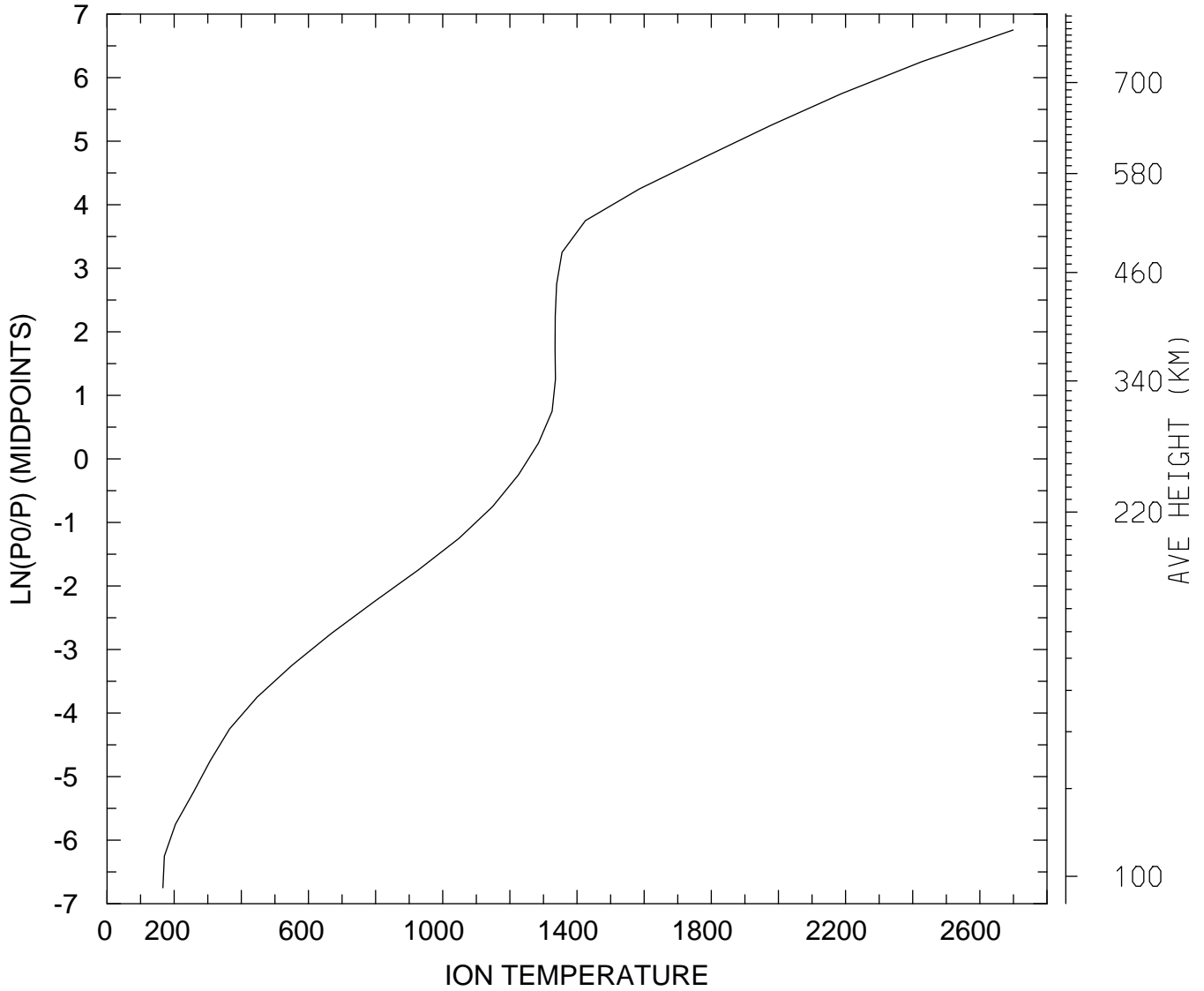
MIN,MAX= 1.6737E+02 2.3583E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



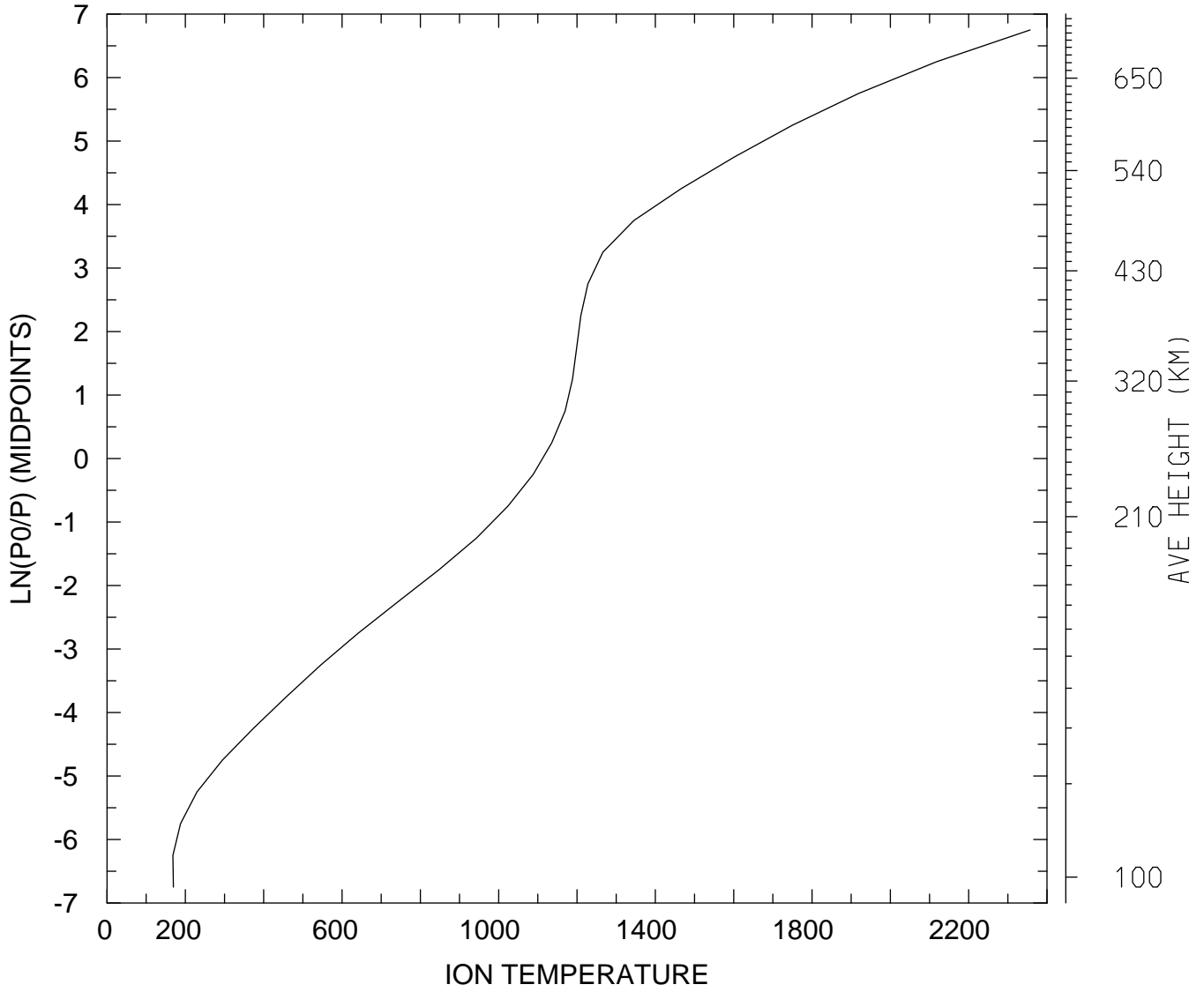
MIN,MAX= 1.7633E+02 1.9973E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



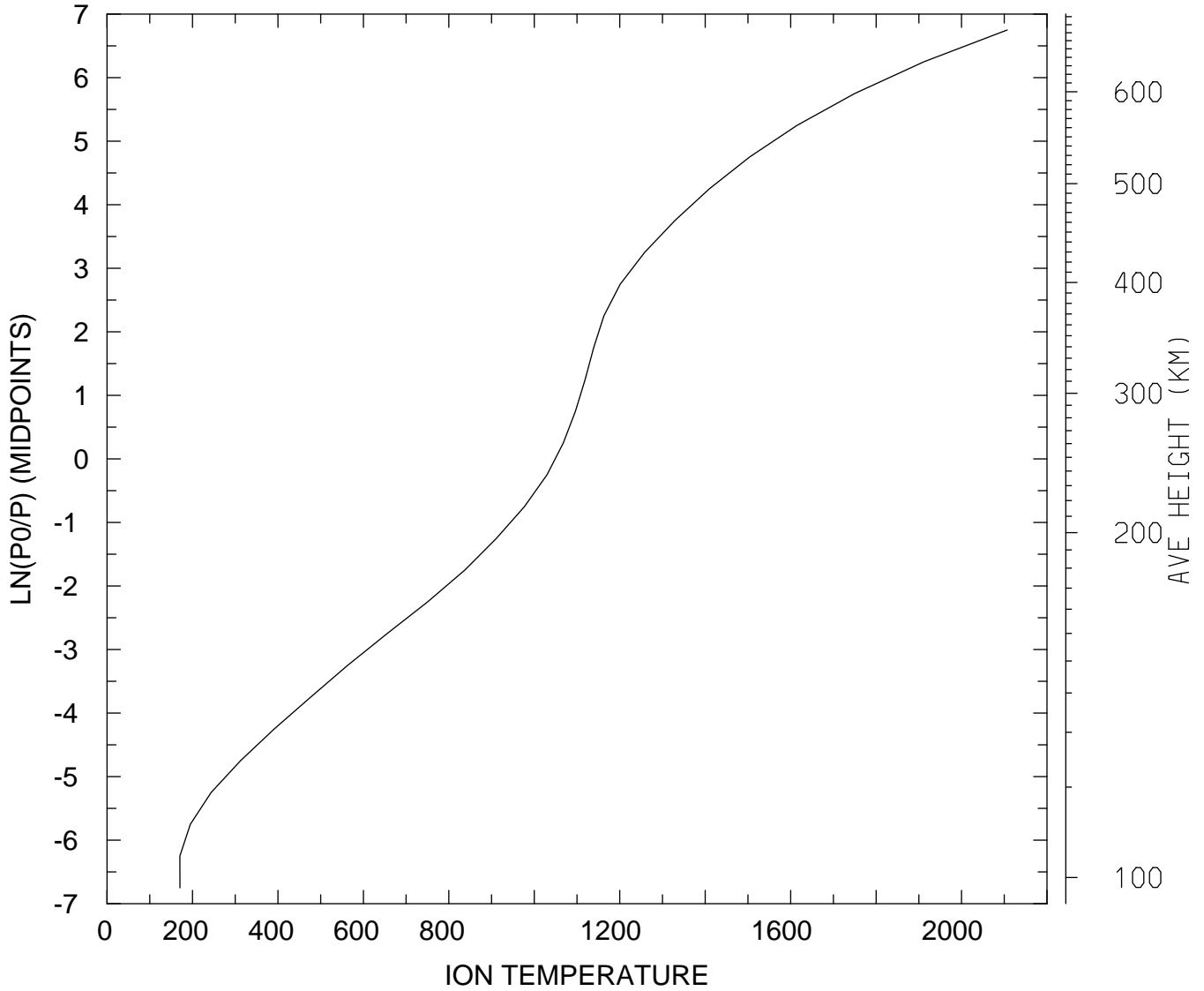
MIN,MAX= 1.6639E+02 2.6991E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



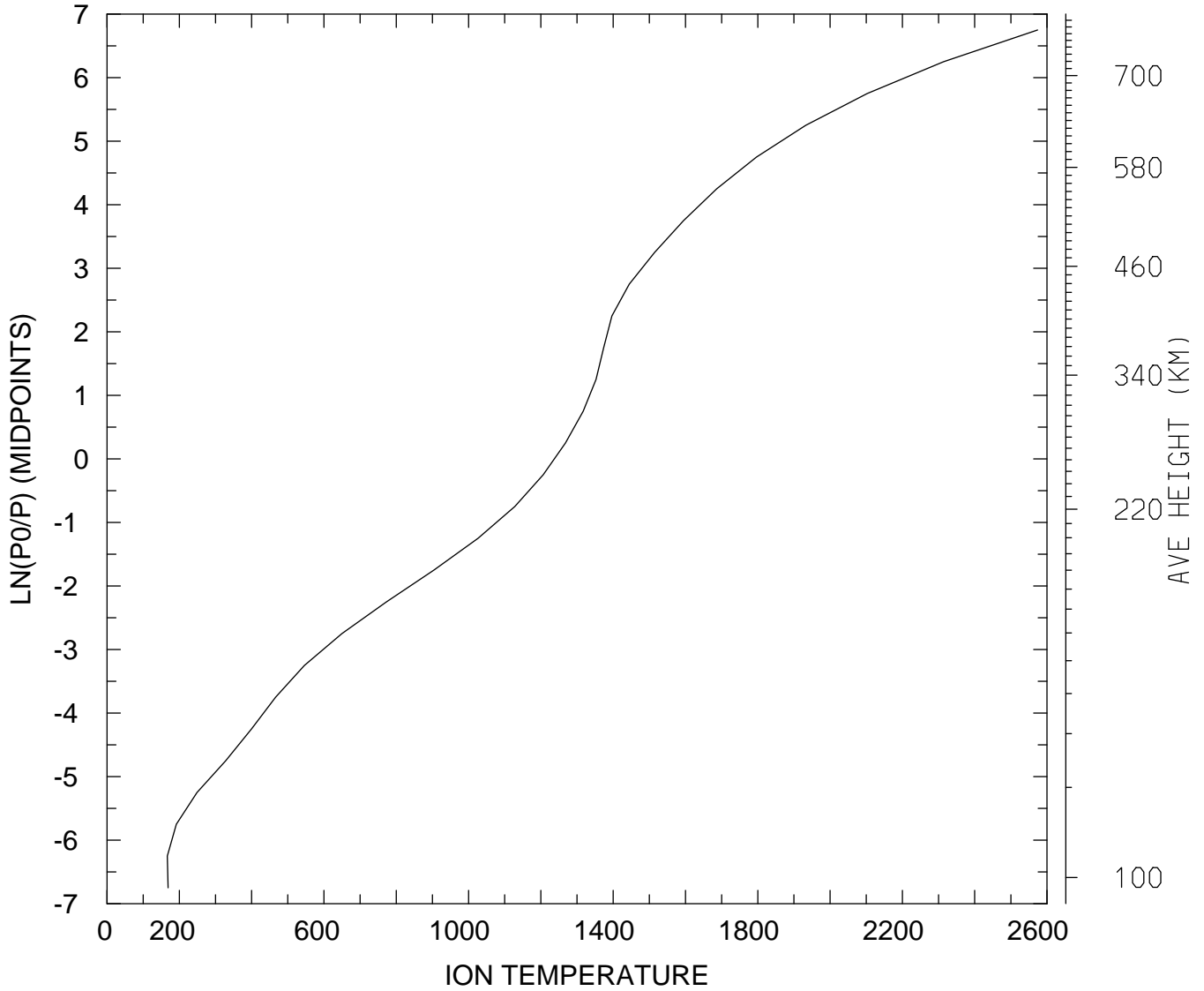
MIN,MAX= 1.6812E+02 2.3569E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 1.7050E+02 2.1068E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

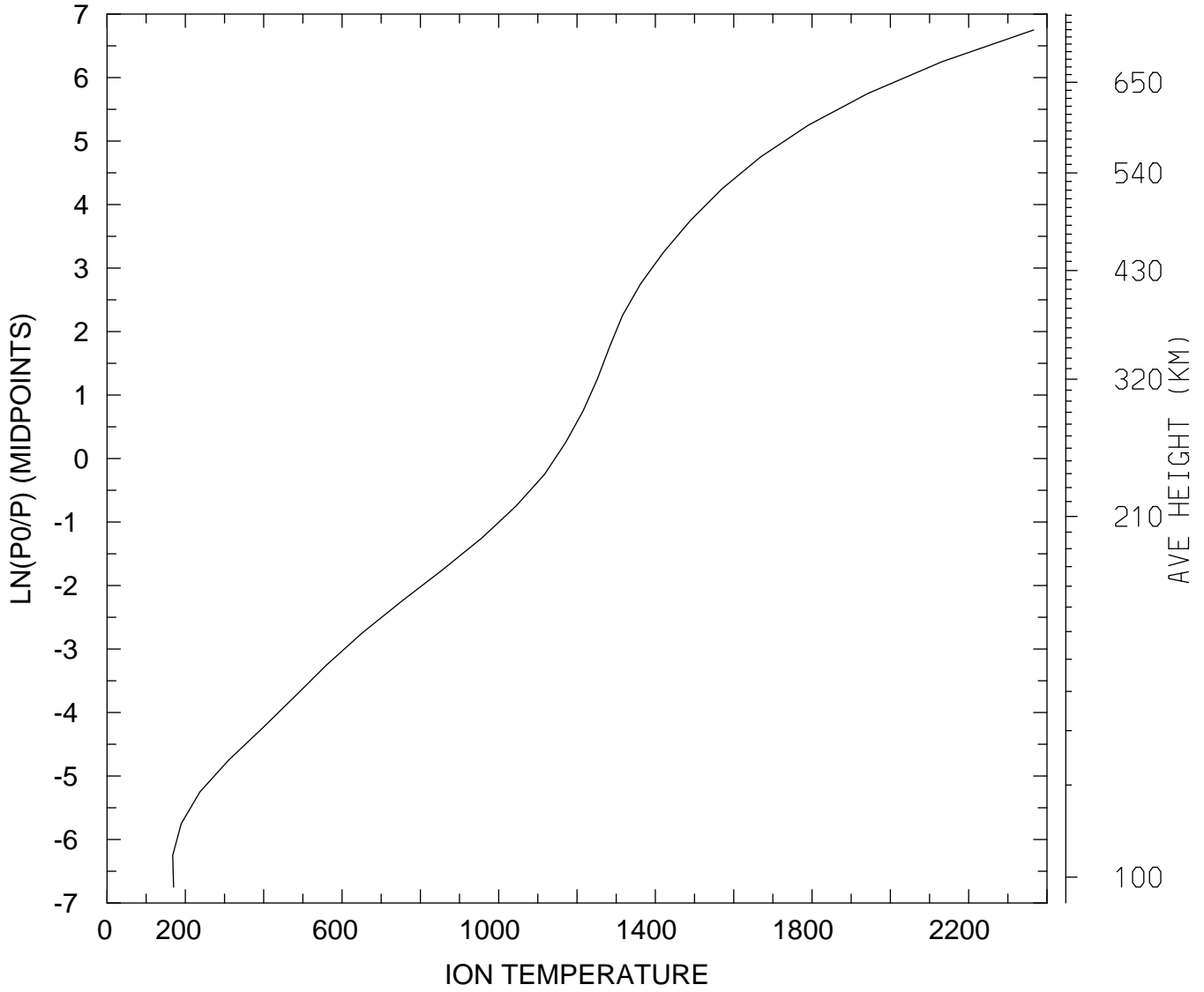
ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



MIN,MAX= 1.6667E+02 2.5740E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

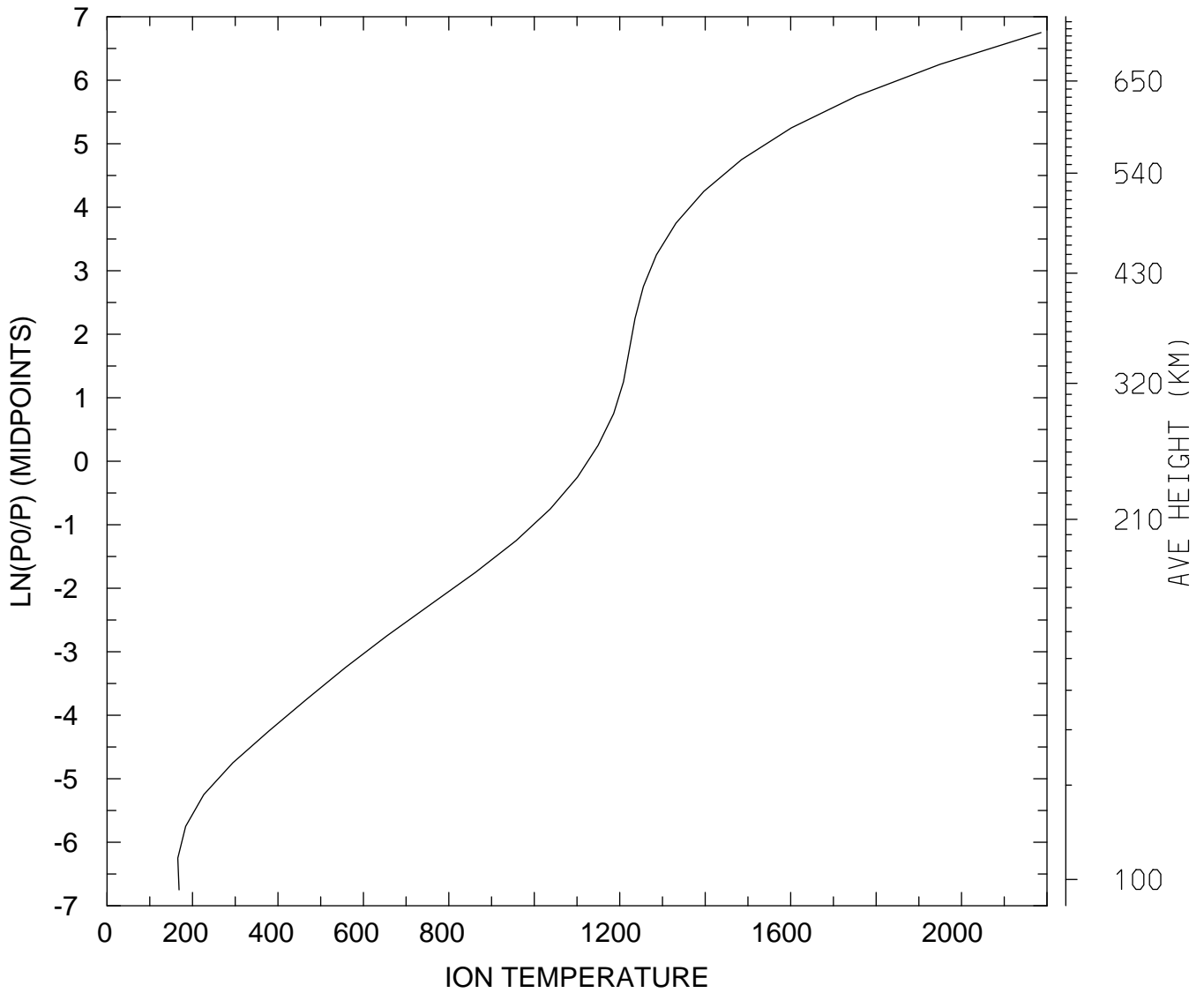


ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



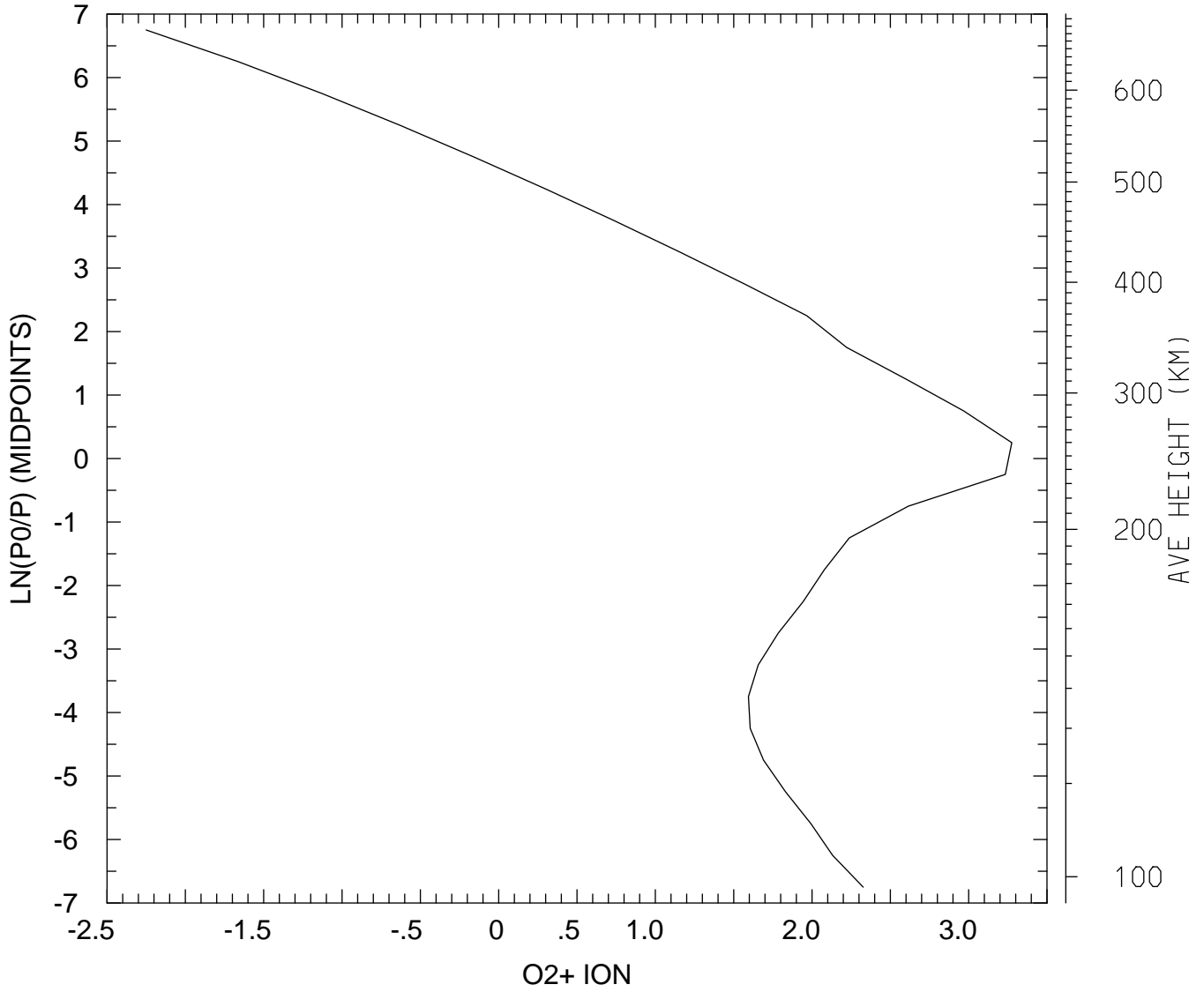
MIN,MAX= 1.6770E+02 2.3658E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

ION TEMPERATURE (DEG K)  
UT= 0.00 GLOBAL MEANS



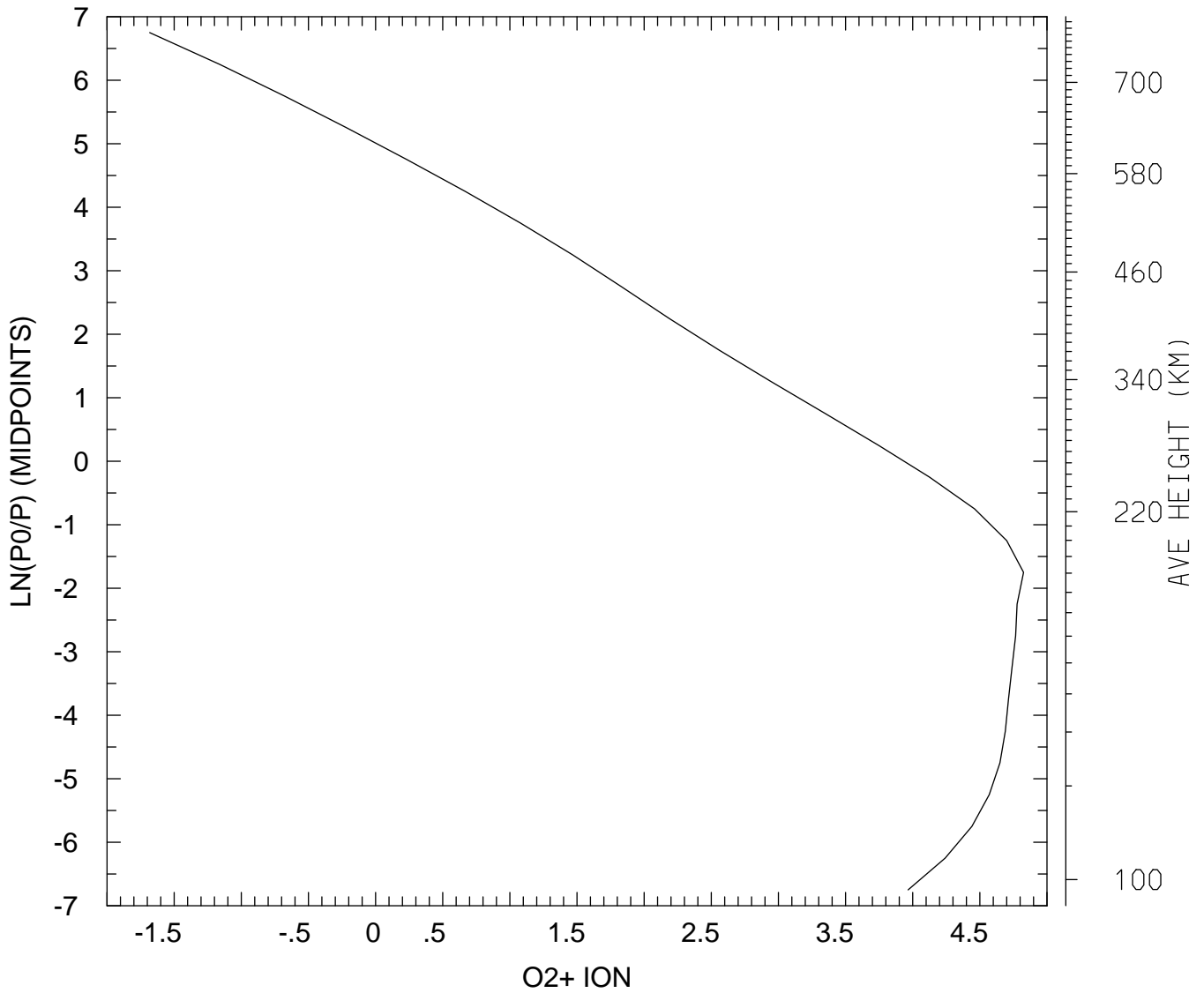
MIN,MAX= 1.6568E+02 2.1859E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



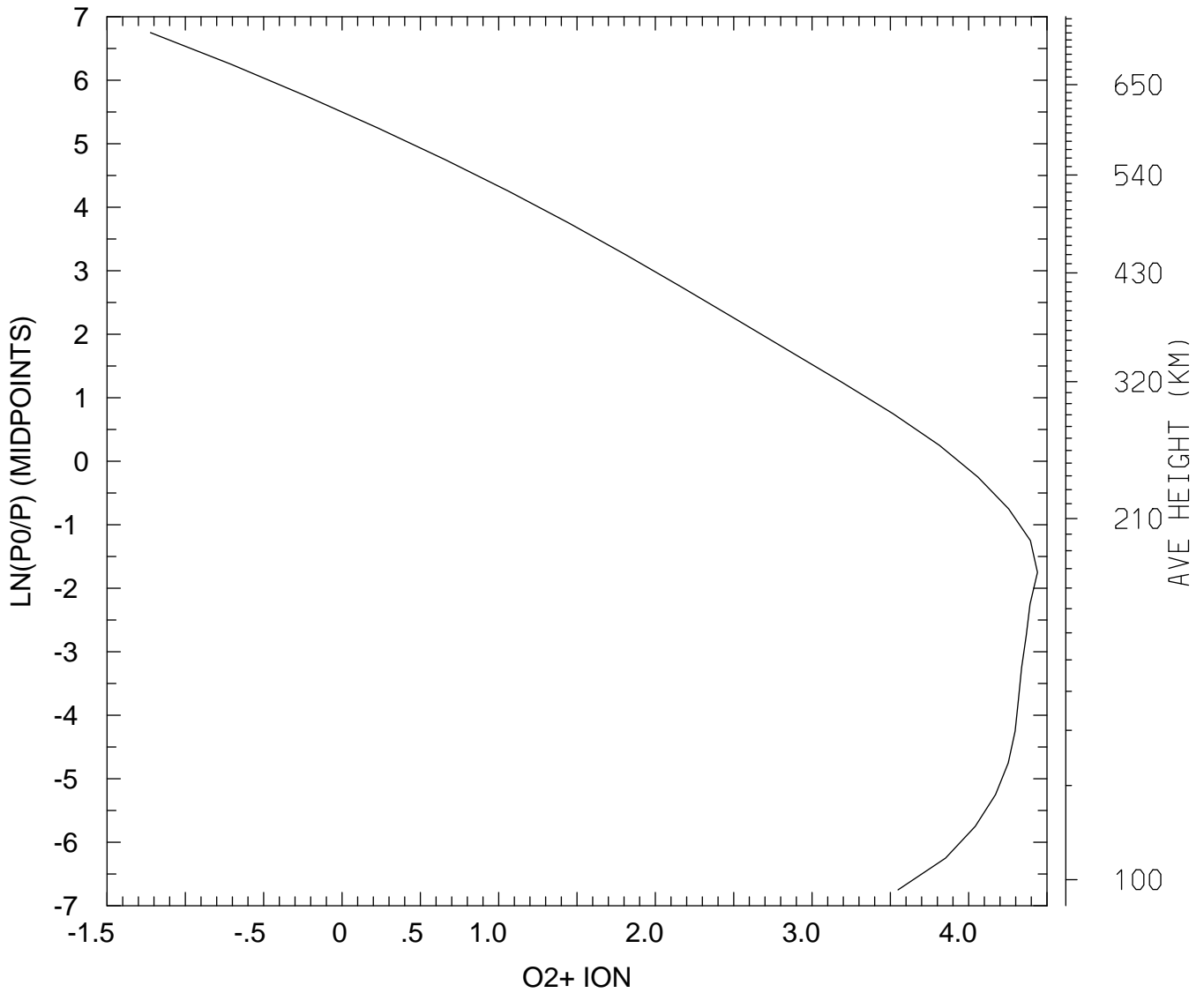
MIN,MAX= 5.6228E-03 1.8844E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



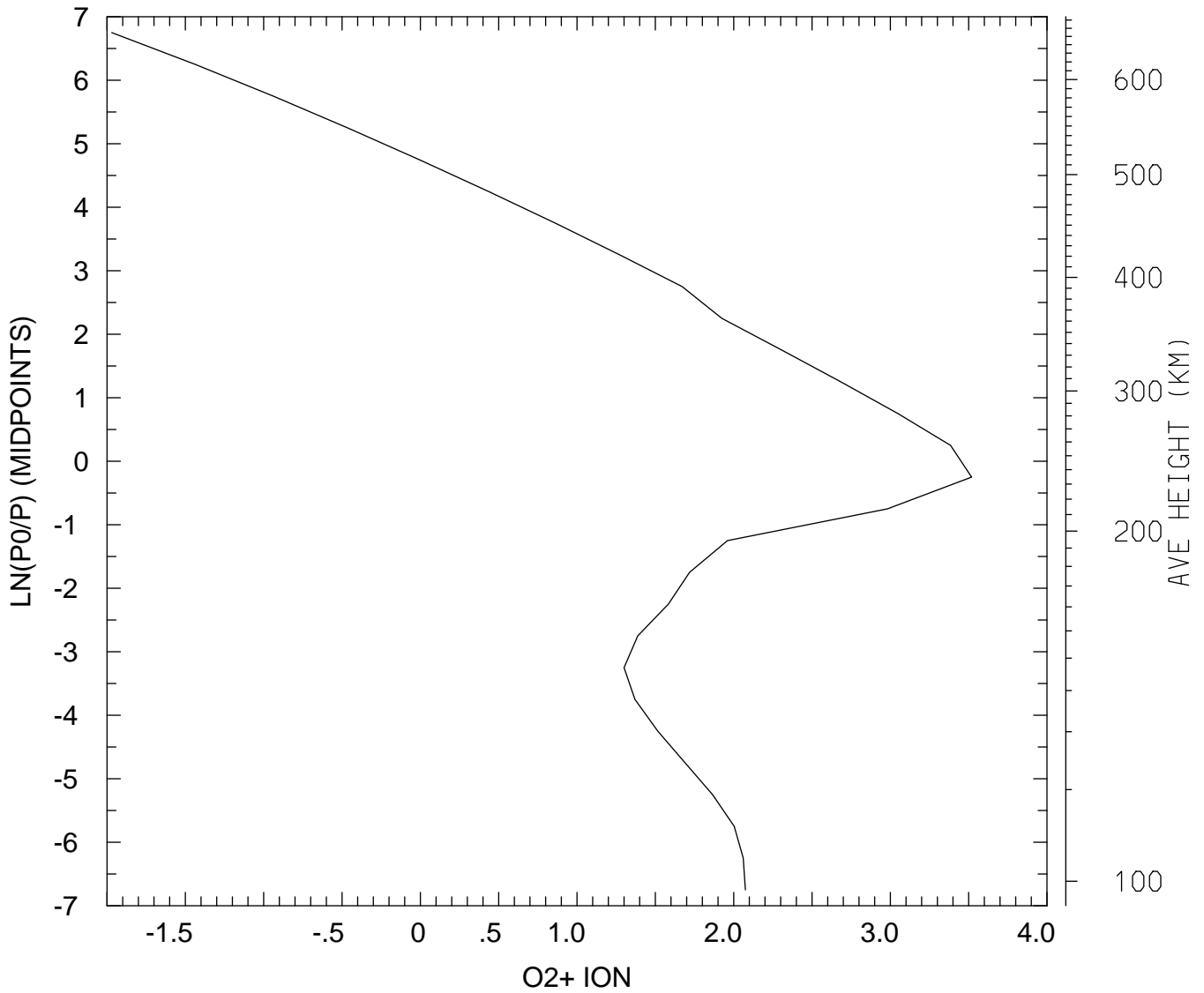
MIN,MAX= 2.0765E-02 6.6911E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



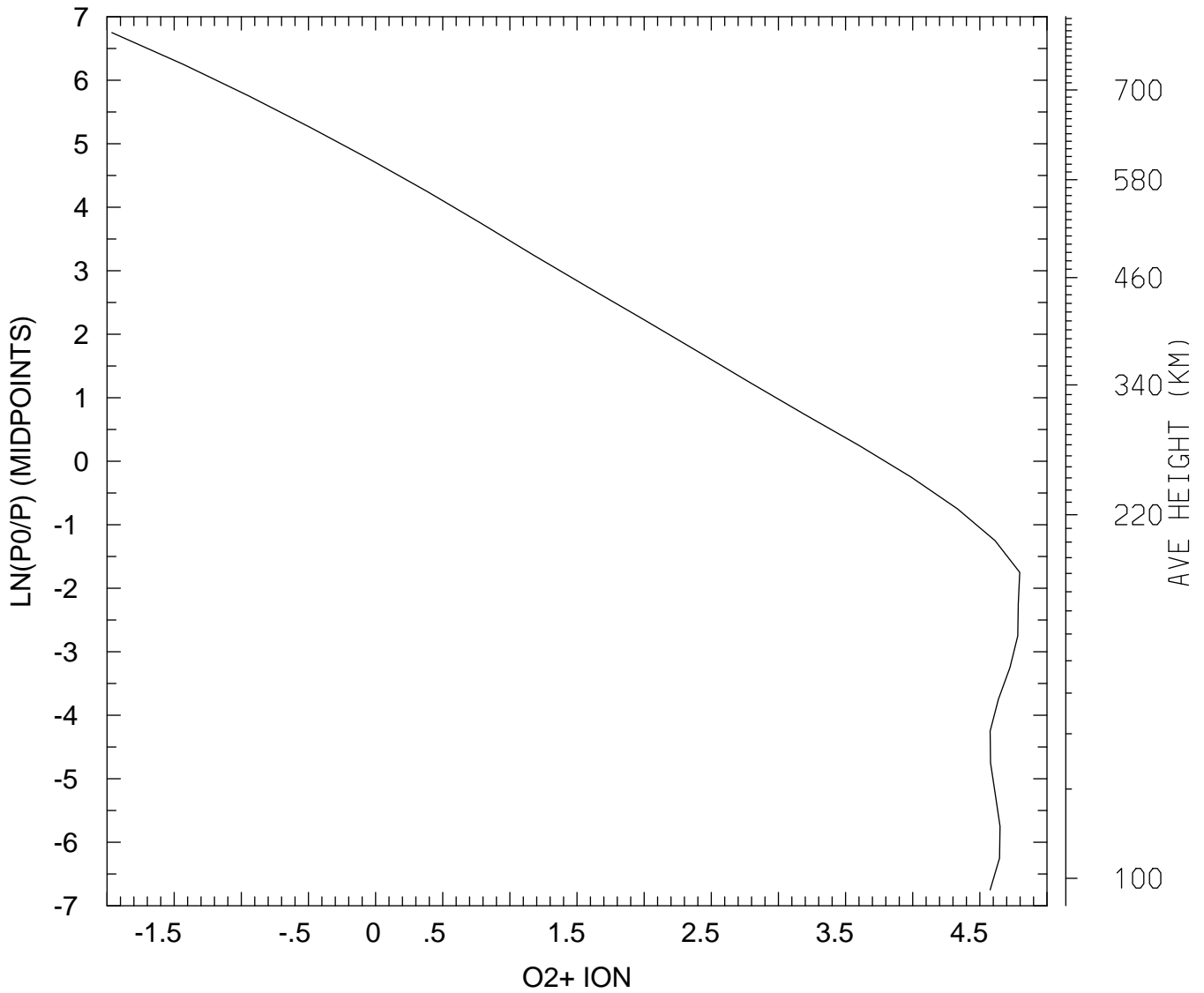
MIN,MAX= 5.9905E-02 2.7487E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



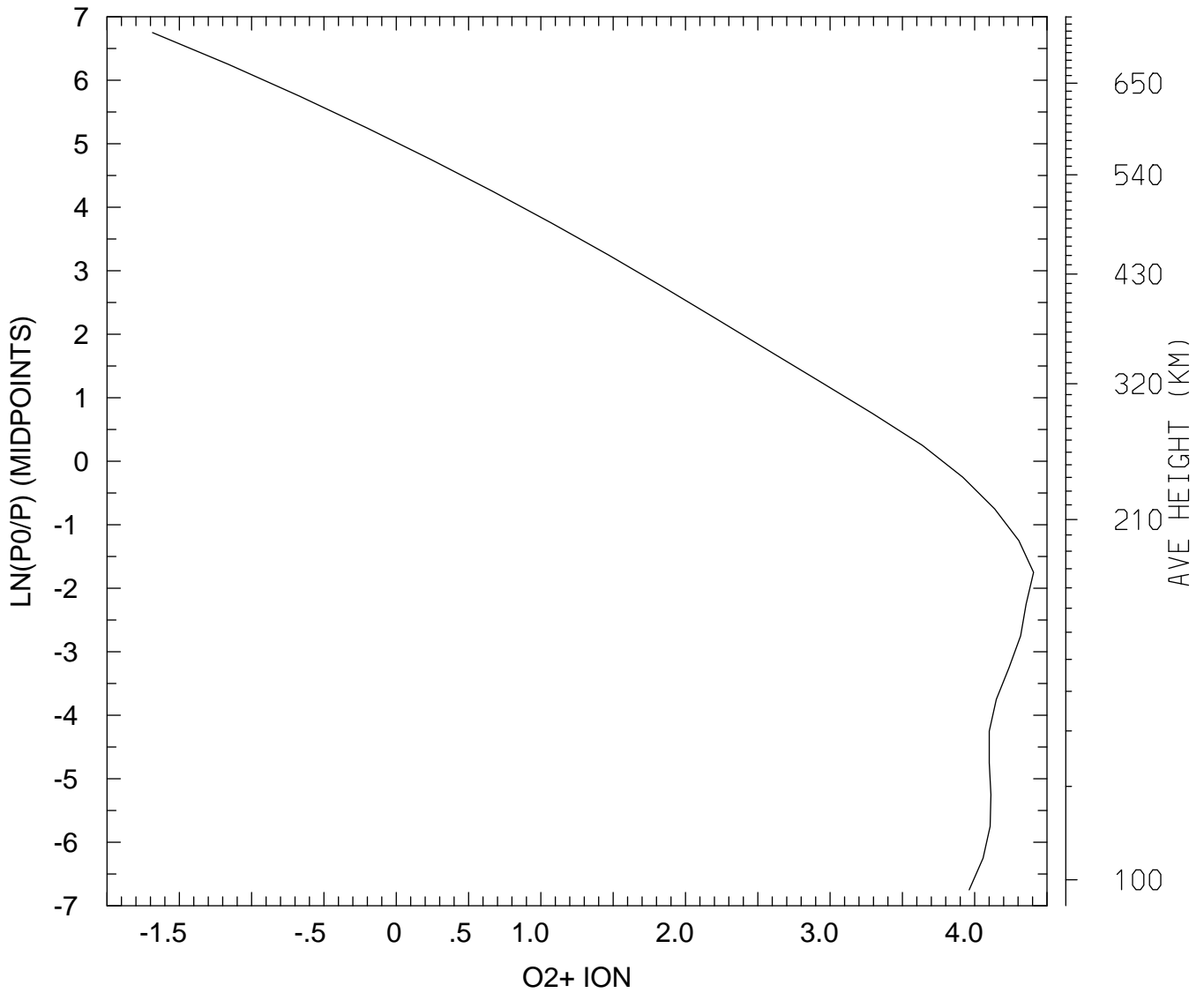
MIN,MAX= 1.0715E-02 3.3009E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



MIN,MAX= 1.0861E-02 6.2711E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

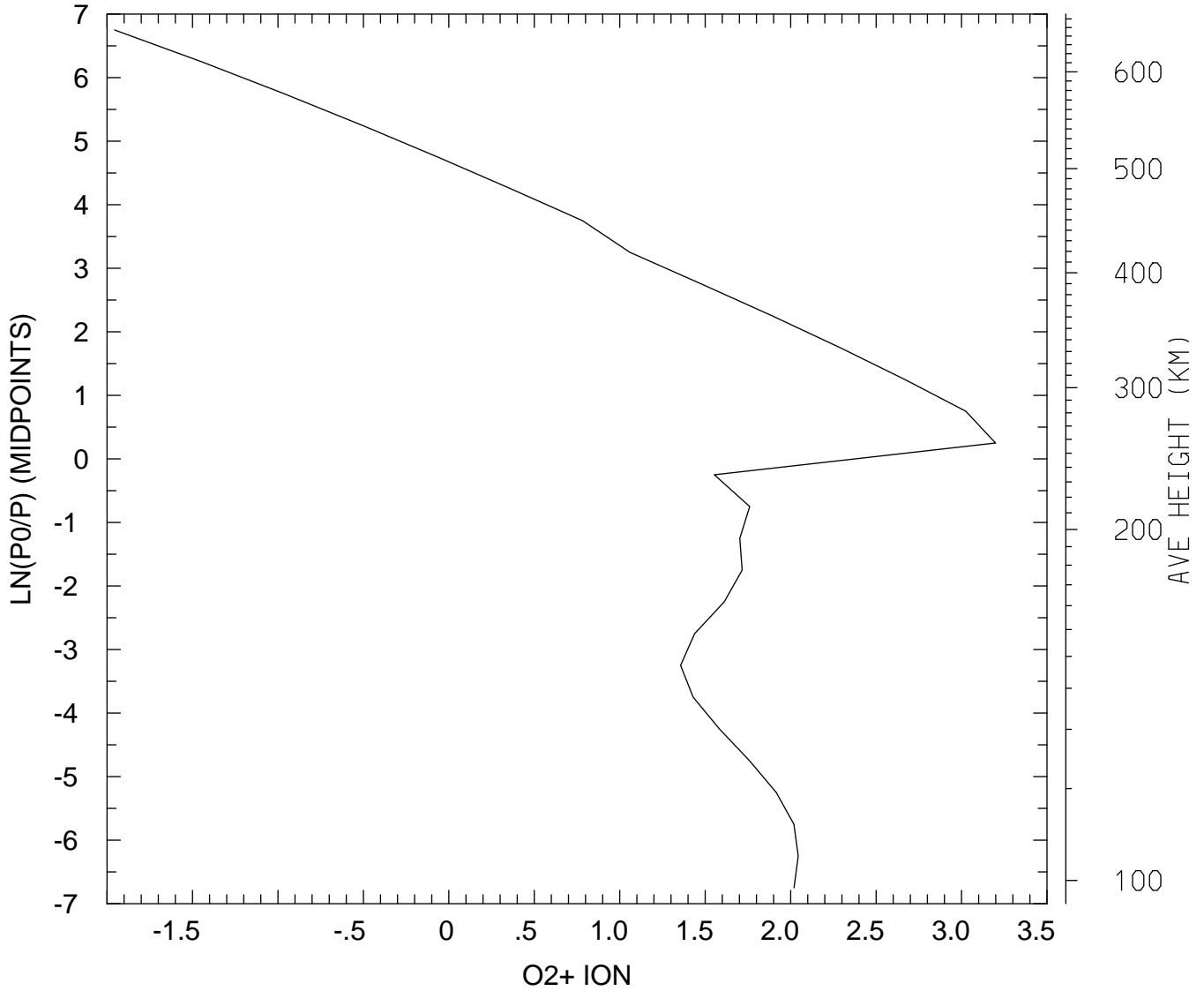
LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



MIN,MAX= 2.0615E-02 2.5525E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

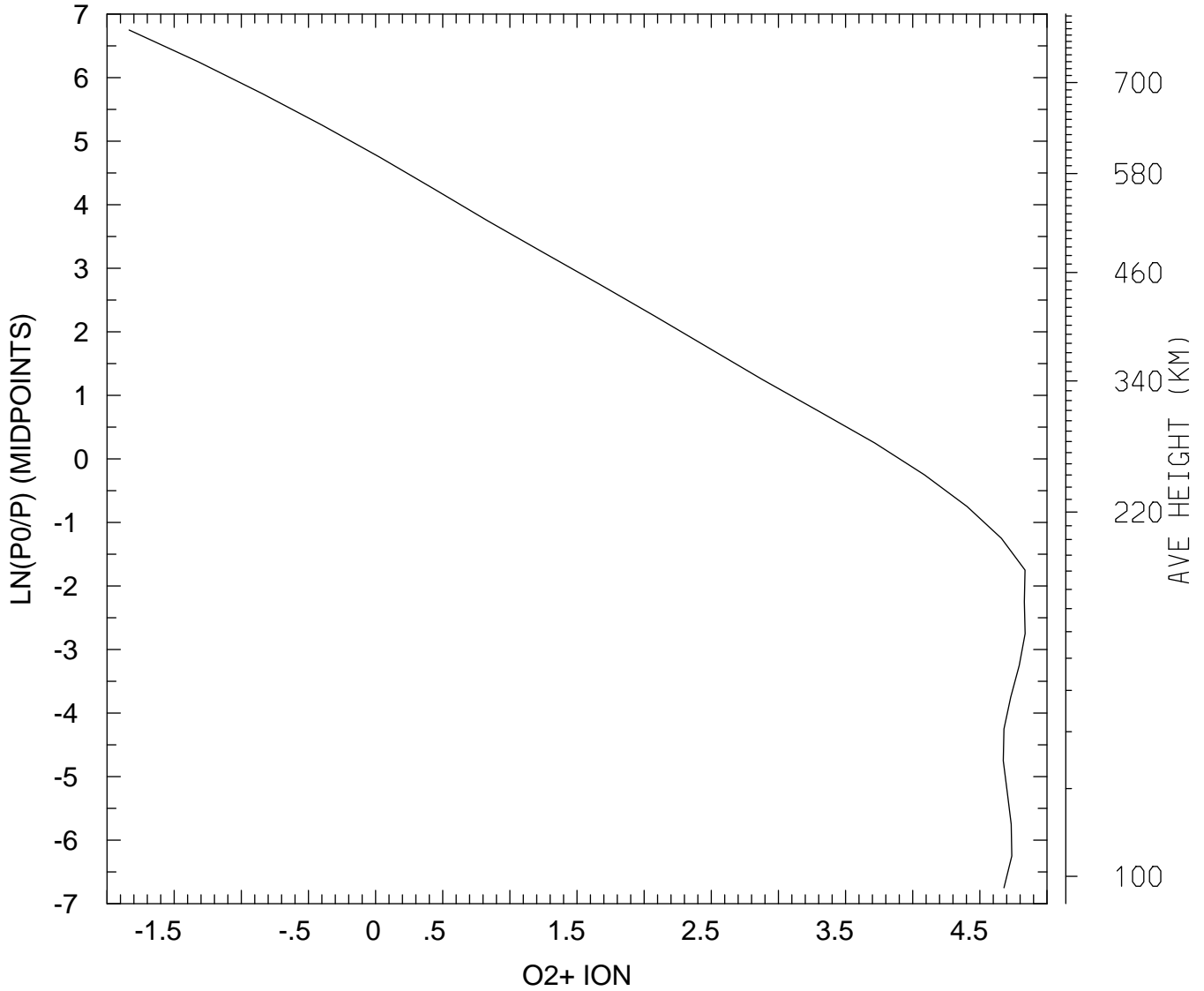


LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



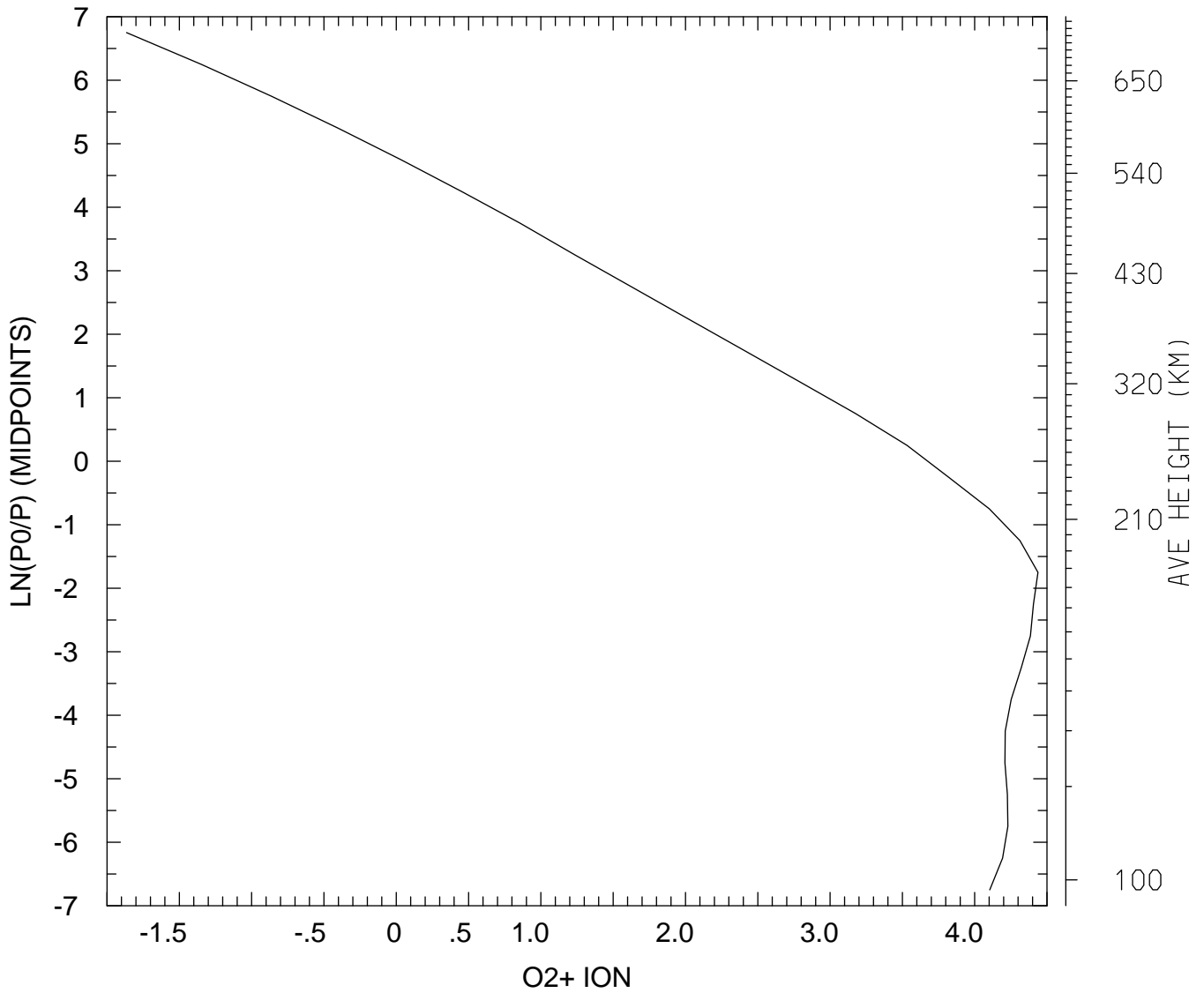
MIN,MAX= 1.1071E-02 1.5807E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



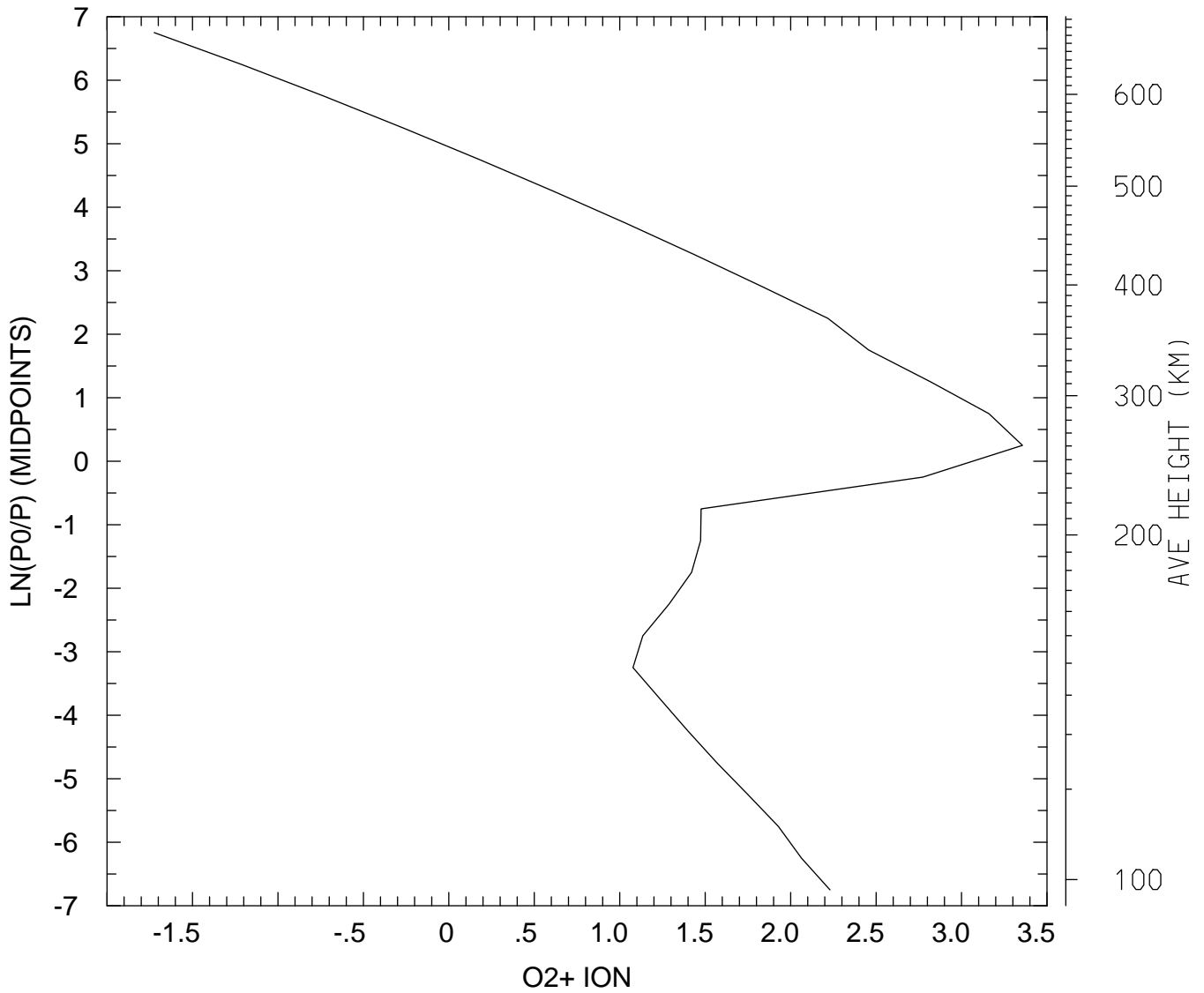
MIN,MAX= 1.4585E-02 6.8731E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



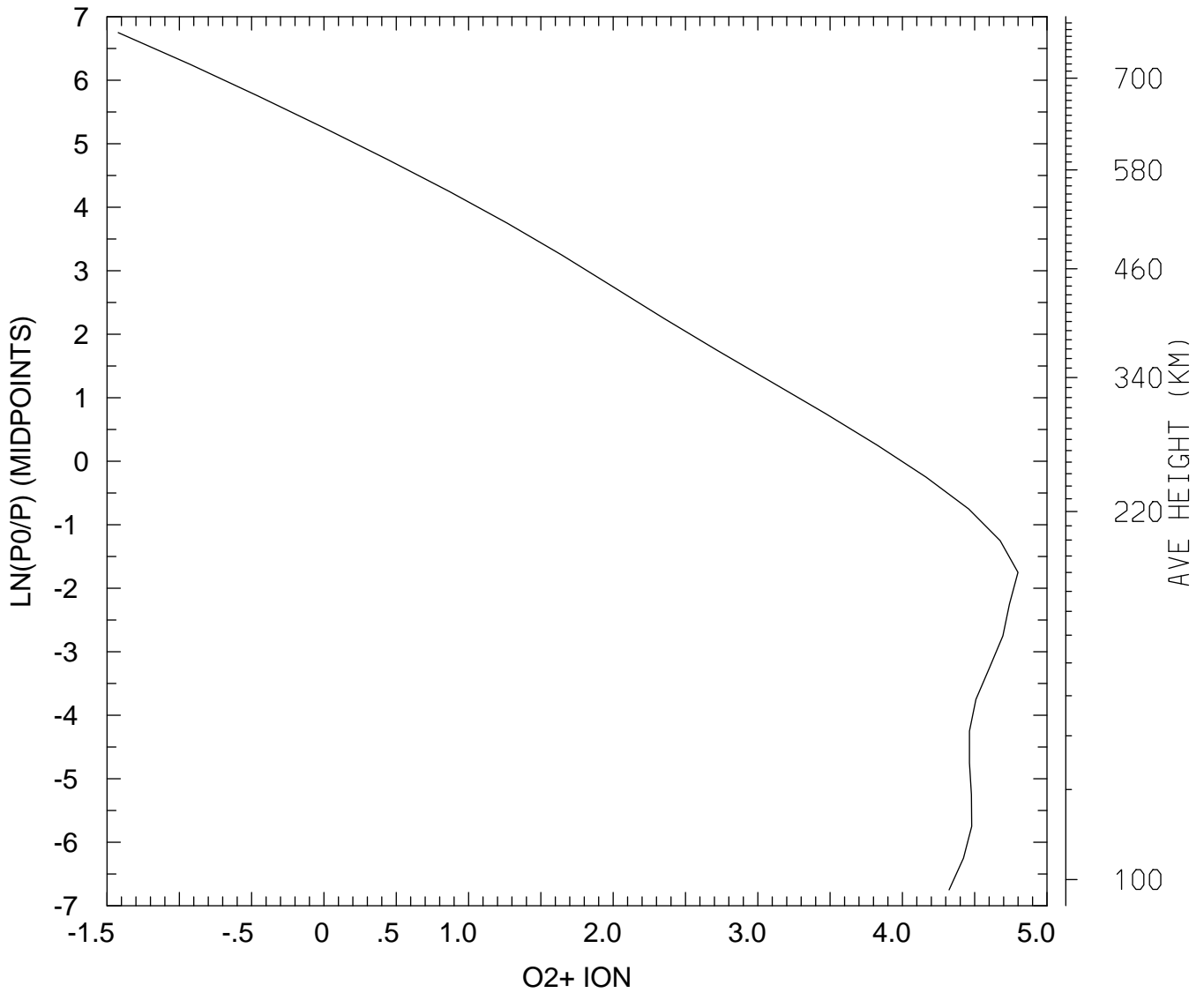
MIN,MAX= 1.3645E-02 2.7401E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



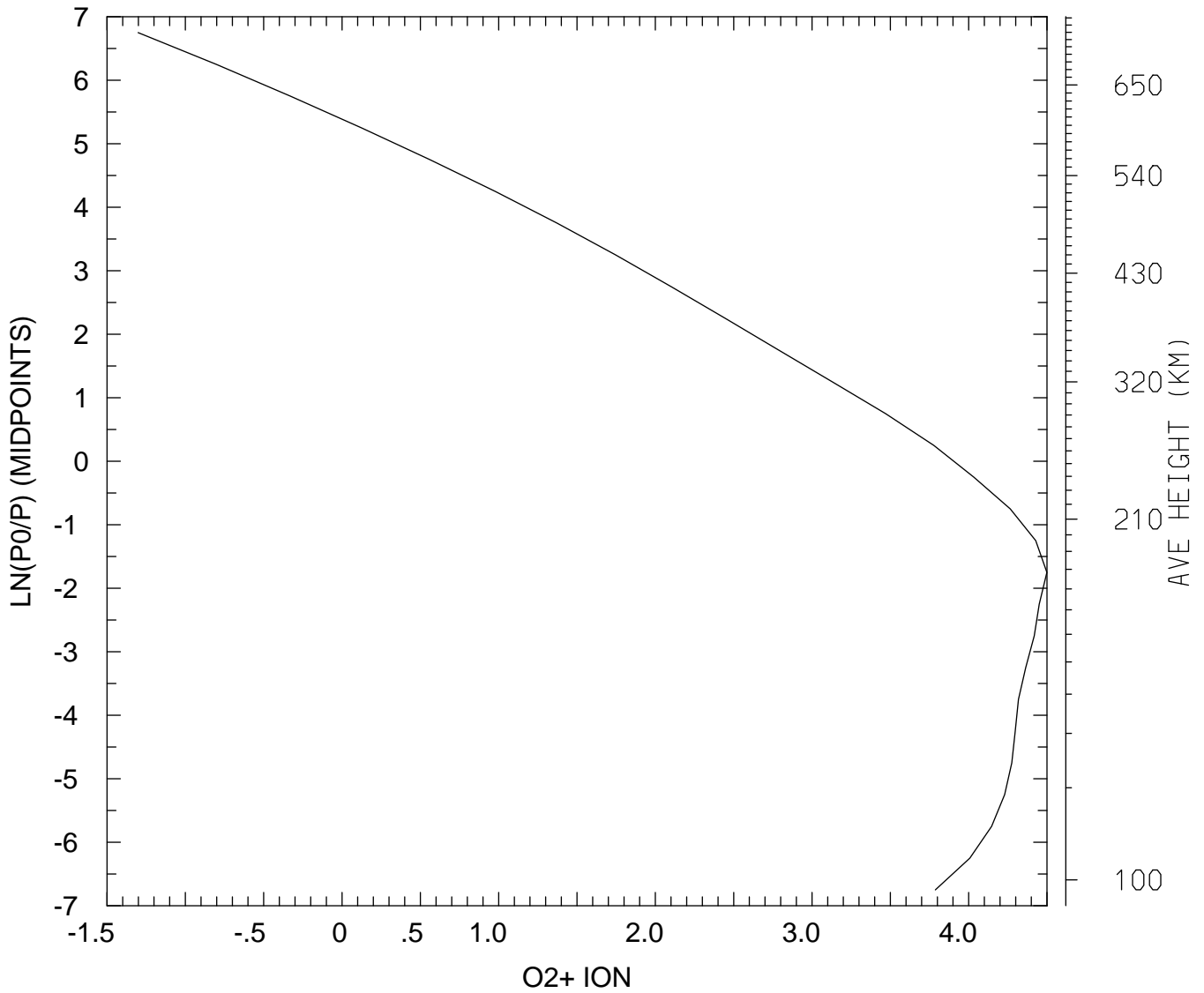
MIN,MAX= 1.8862E-02 2.2710E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



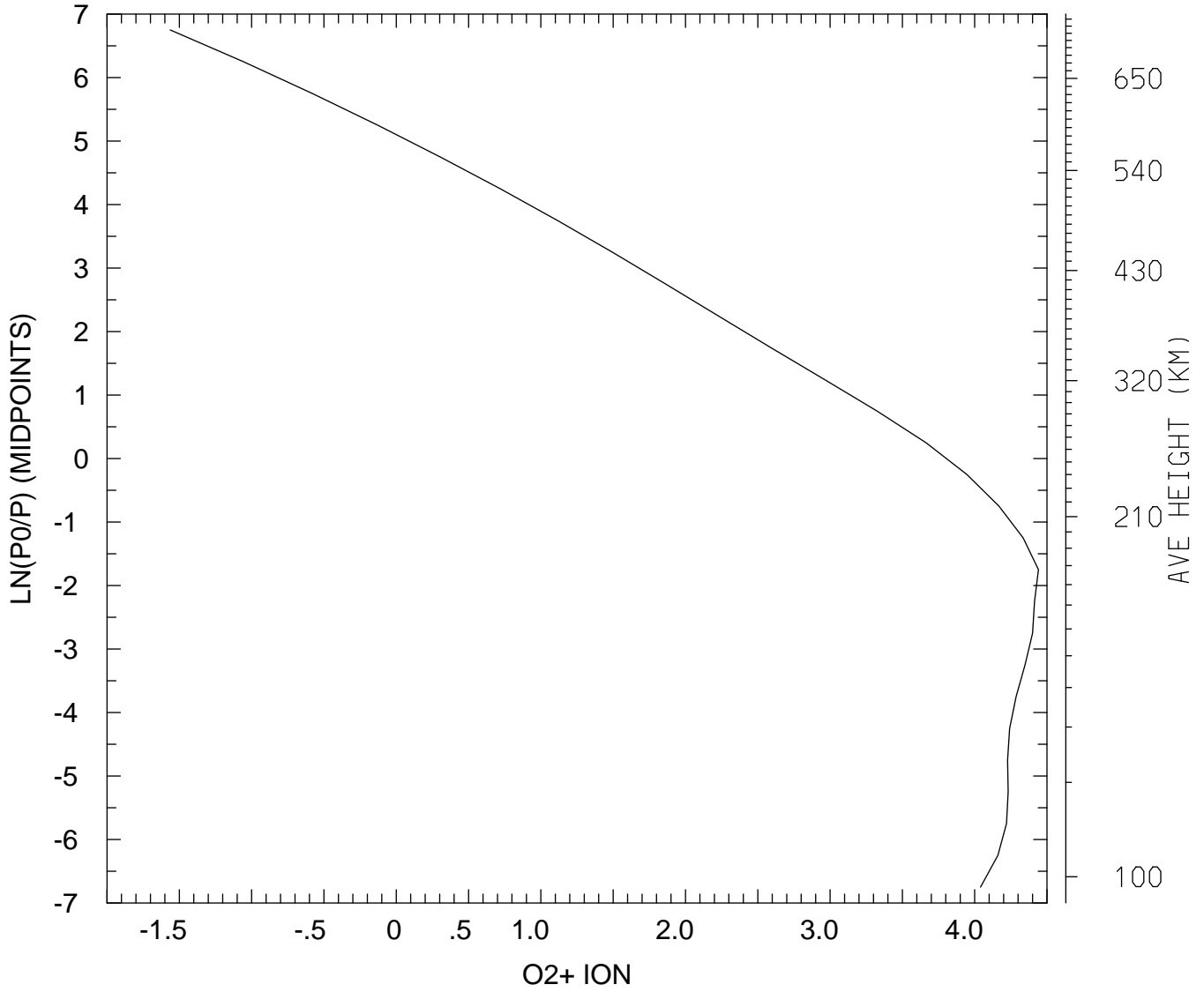
MIN,MAX= 3.7782E-02 6.3002E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



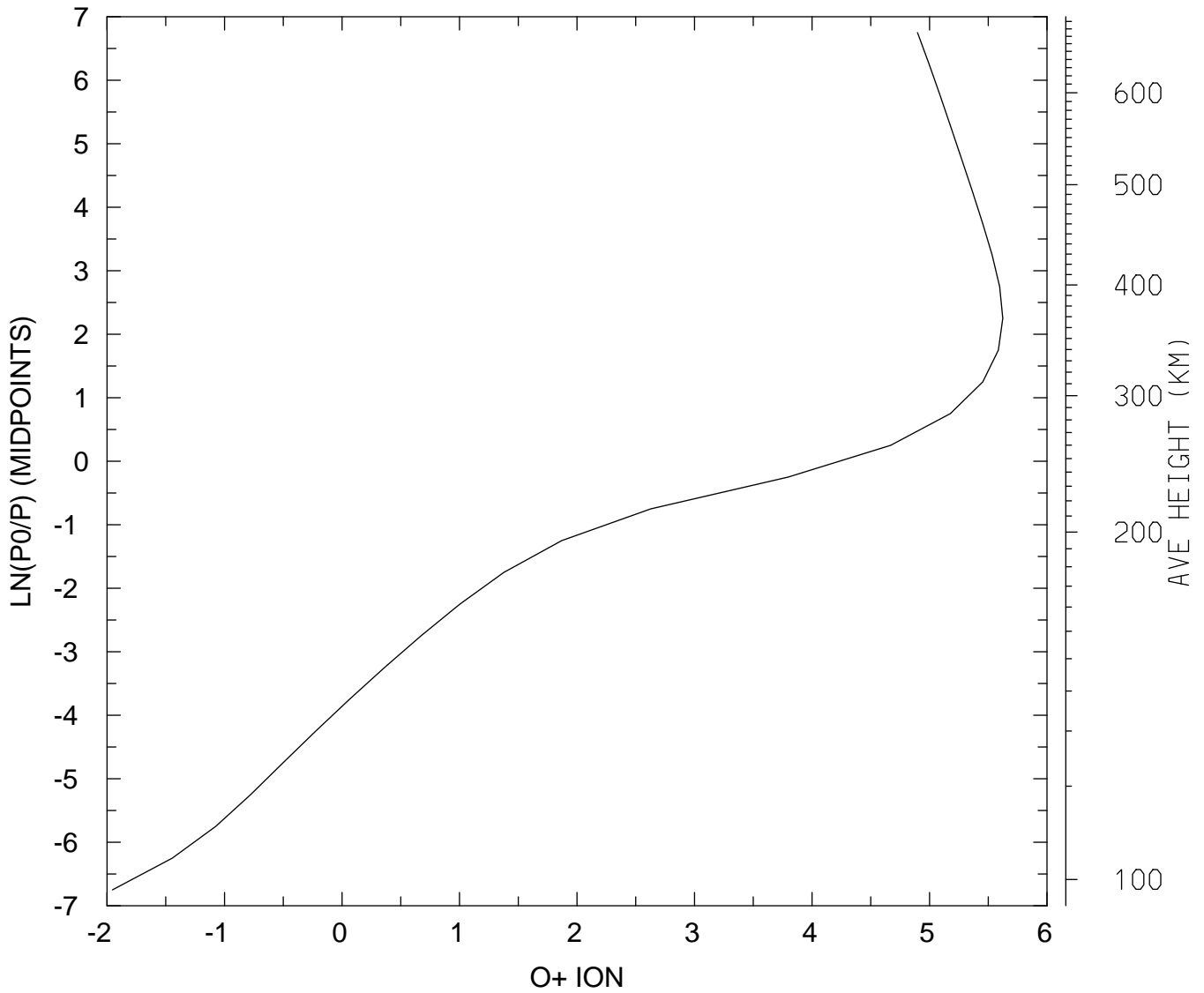
MIN,MAX= 4.9935E-02 3.1581E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 GLOBAL MEANS



MIN,MAX= 2.7351E-02 2.7589E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

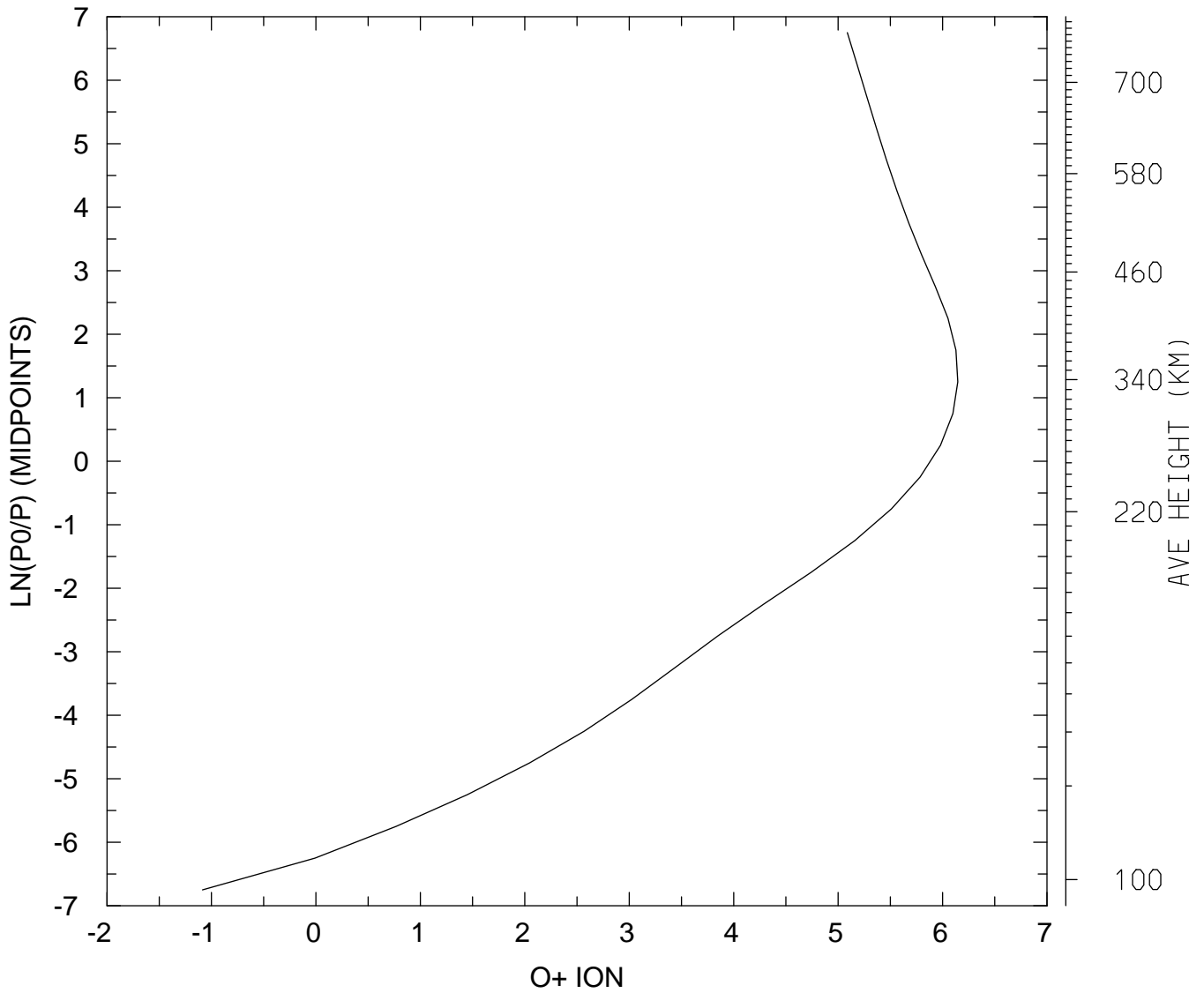
LOG10 O+ ION (CM3)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



MIN,MAX= 1.1114E-02 4.2047E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

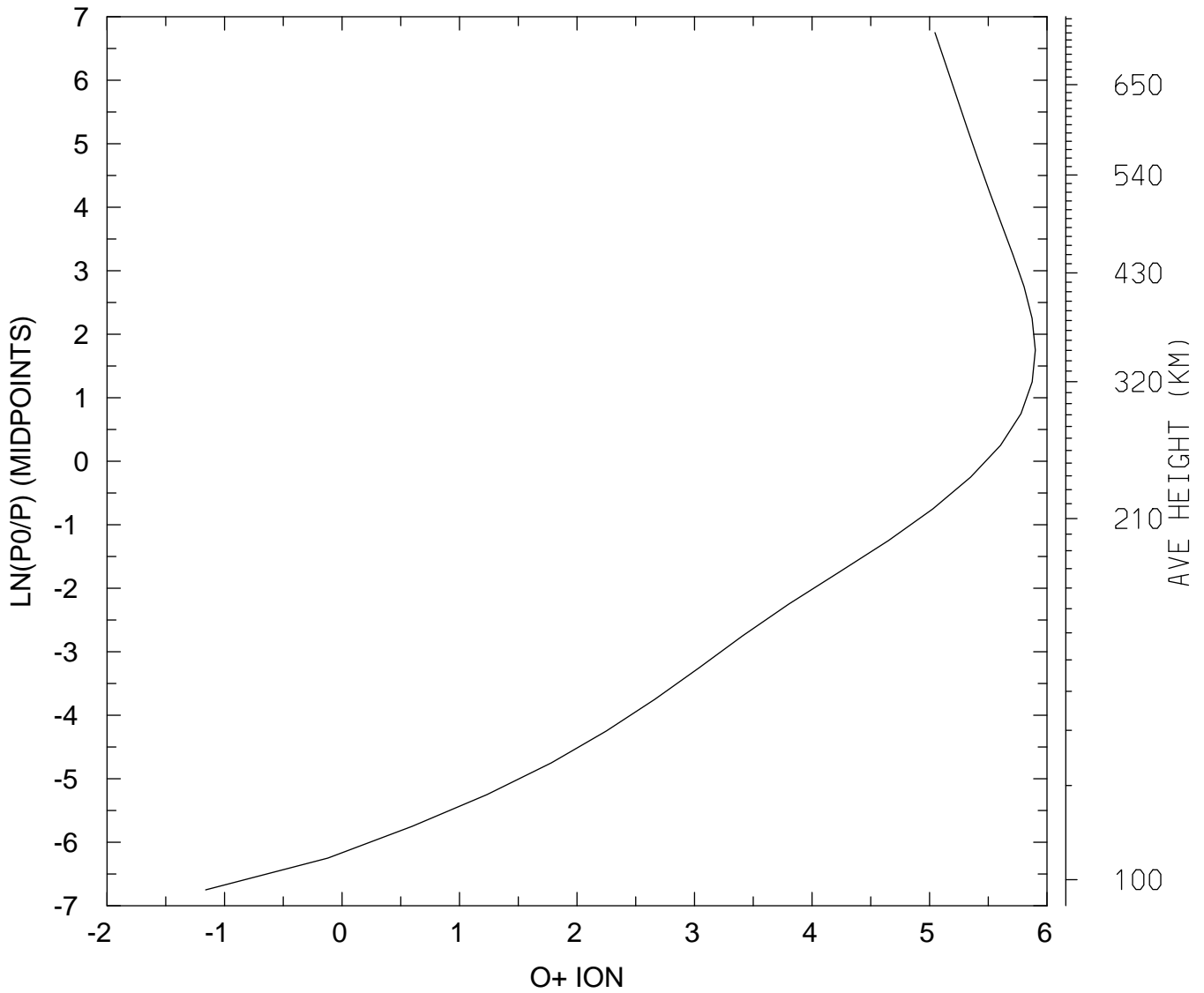


LOG10 O+ ION (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



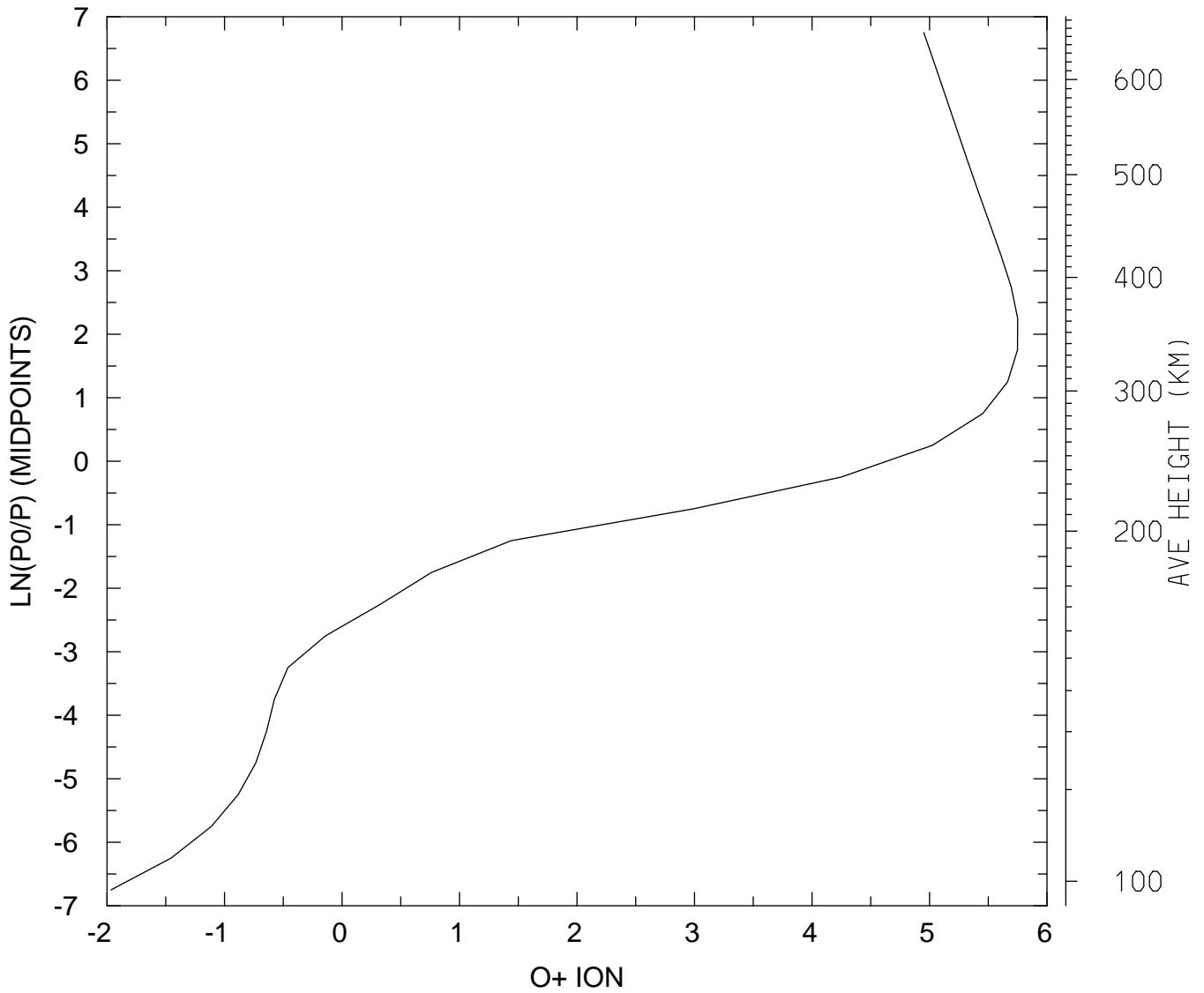
MIN,MAX= 8.2116E-02 1.4003E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



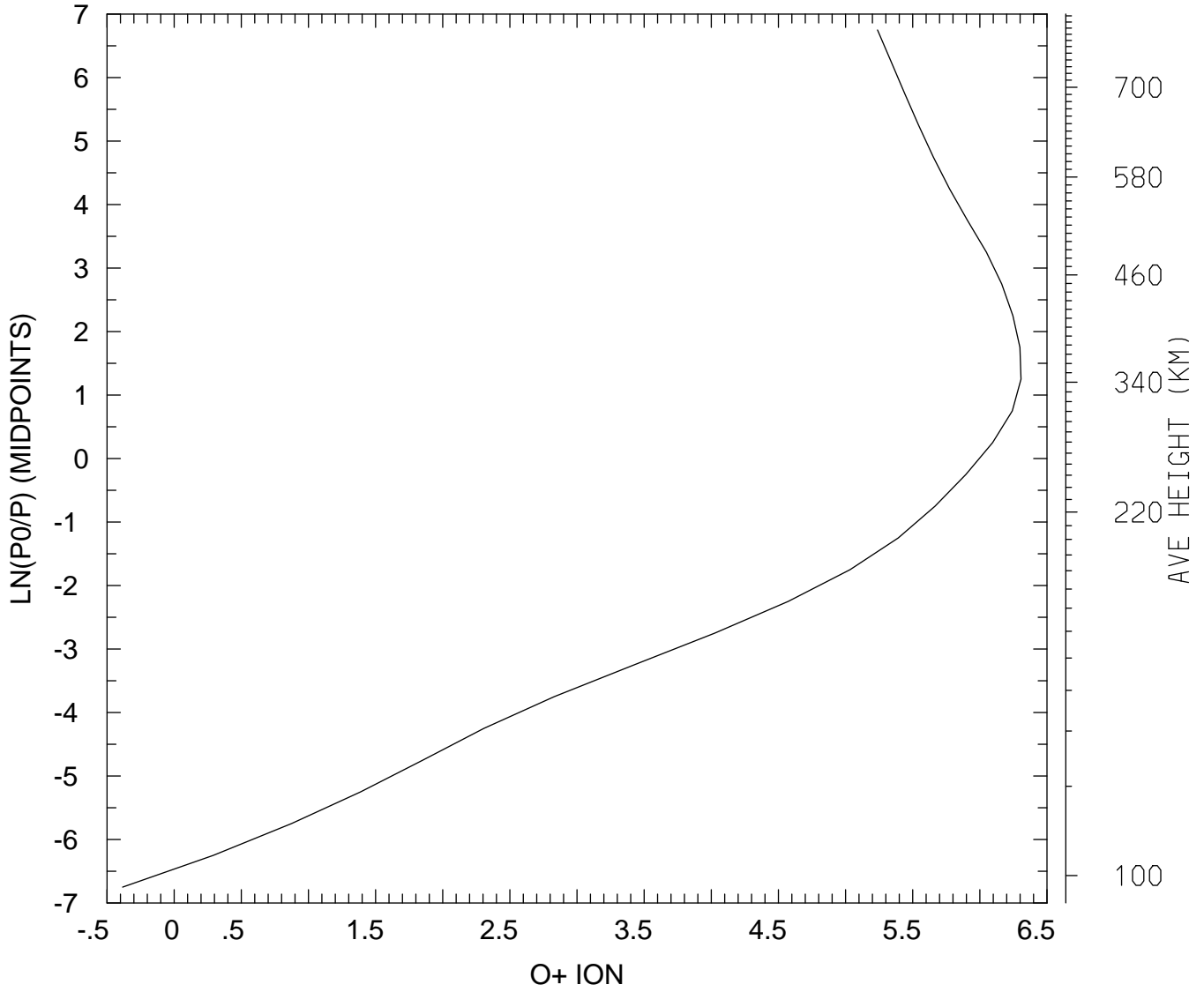
MIN,MAX= 6.9065E-02 7.9492E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



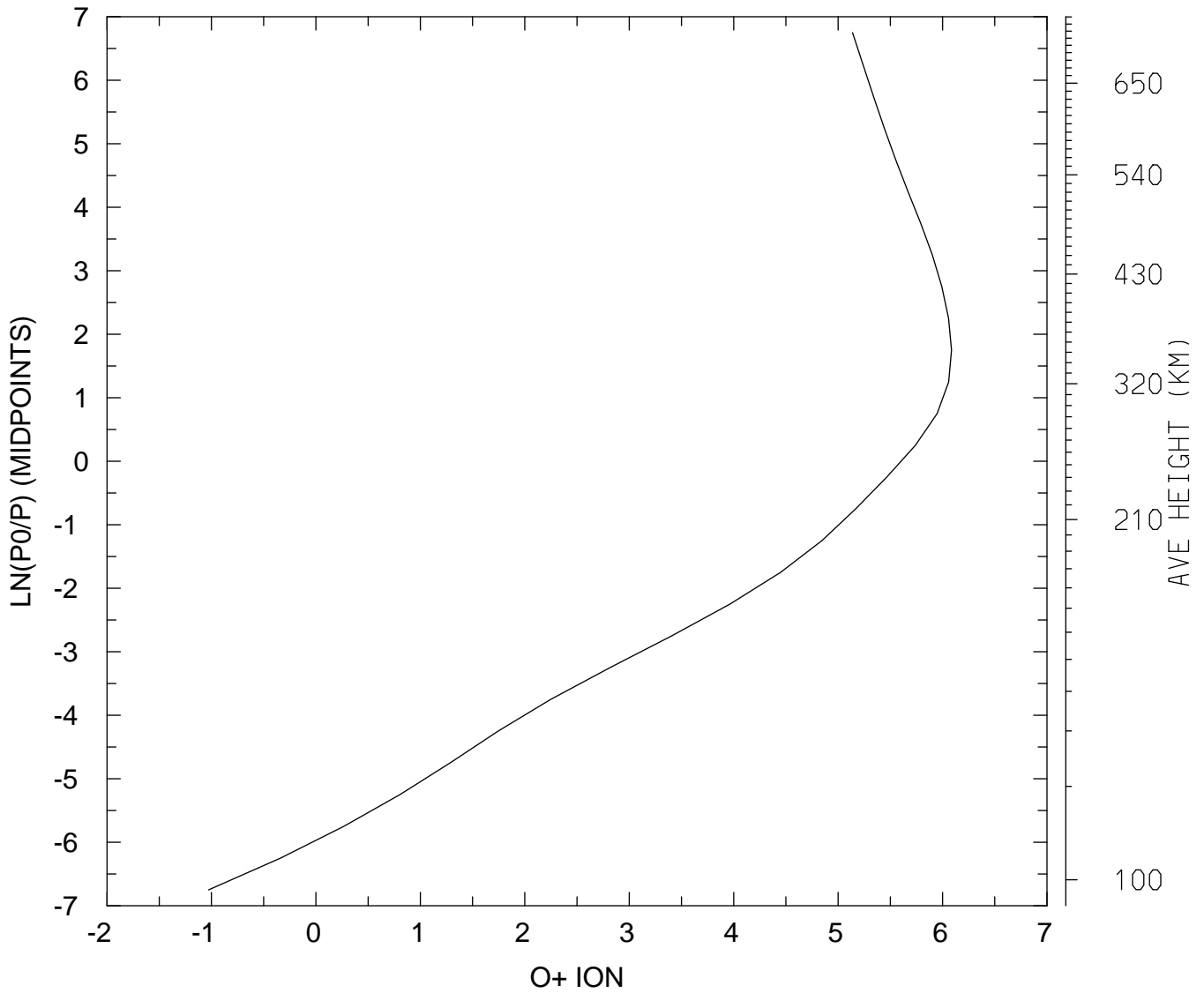
MIN,MAX= 1.0815E-02 5.6247E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 O+ ION (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



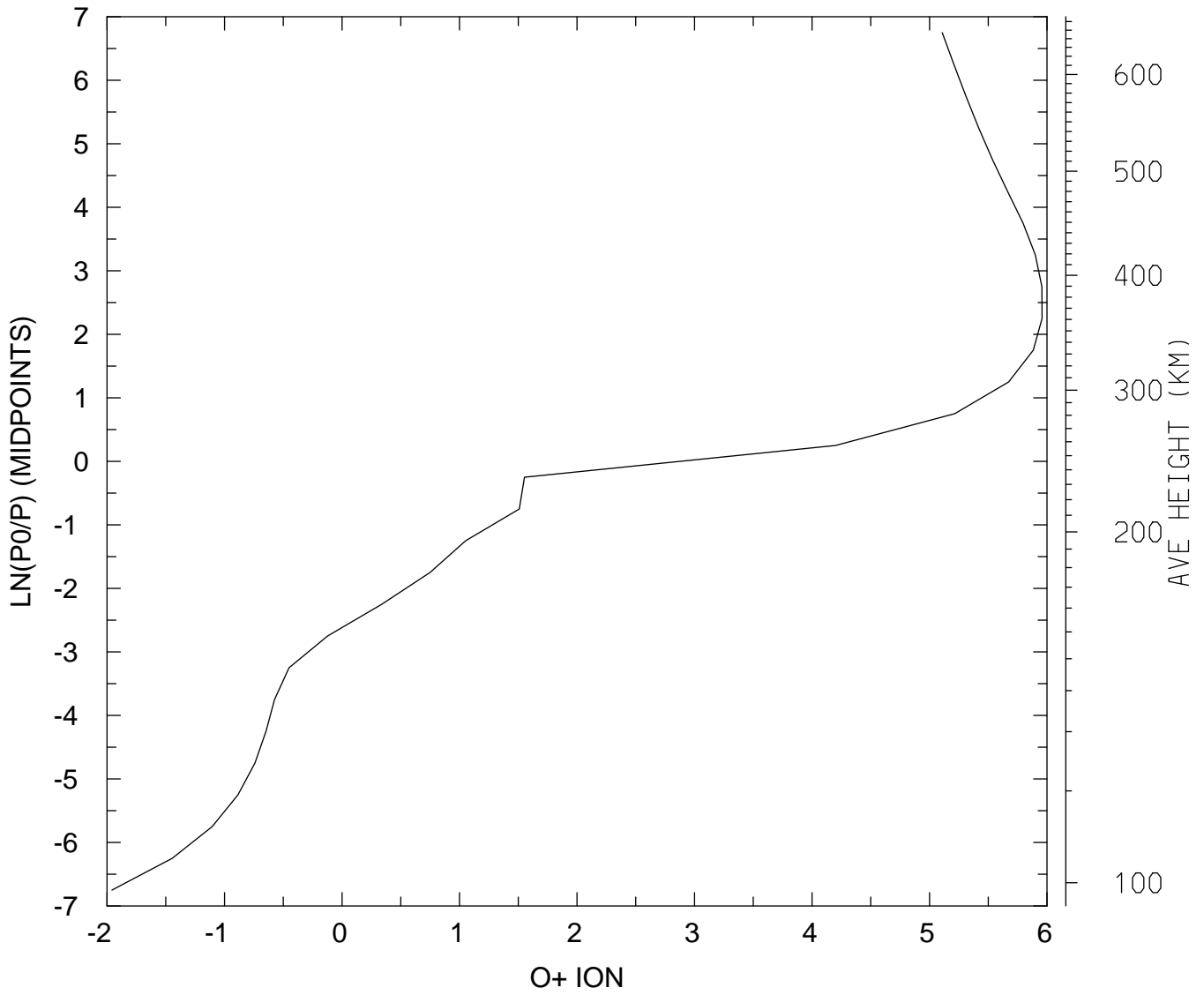
MIN,MAX= 4.1346E-01 2.0247E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



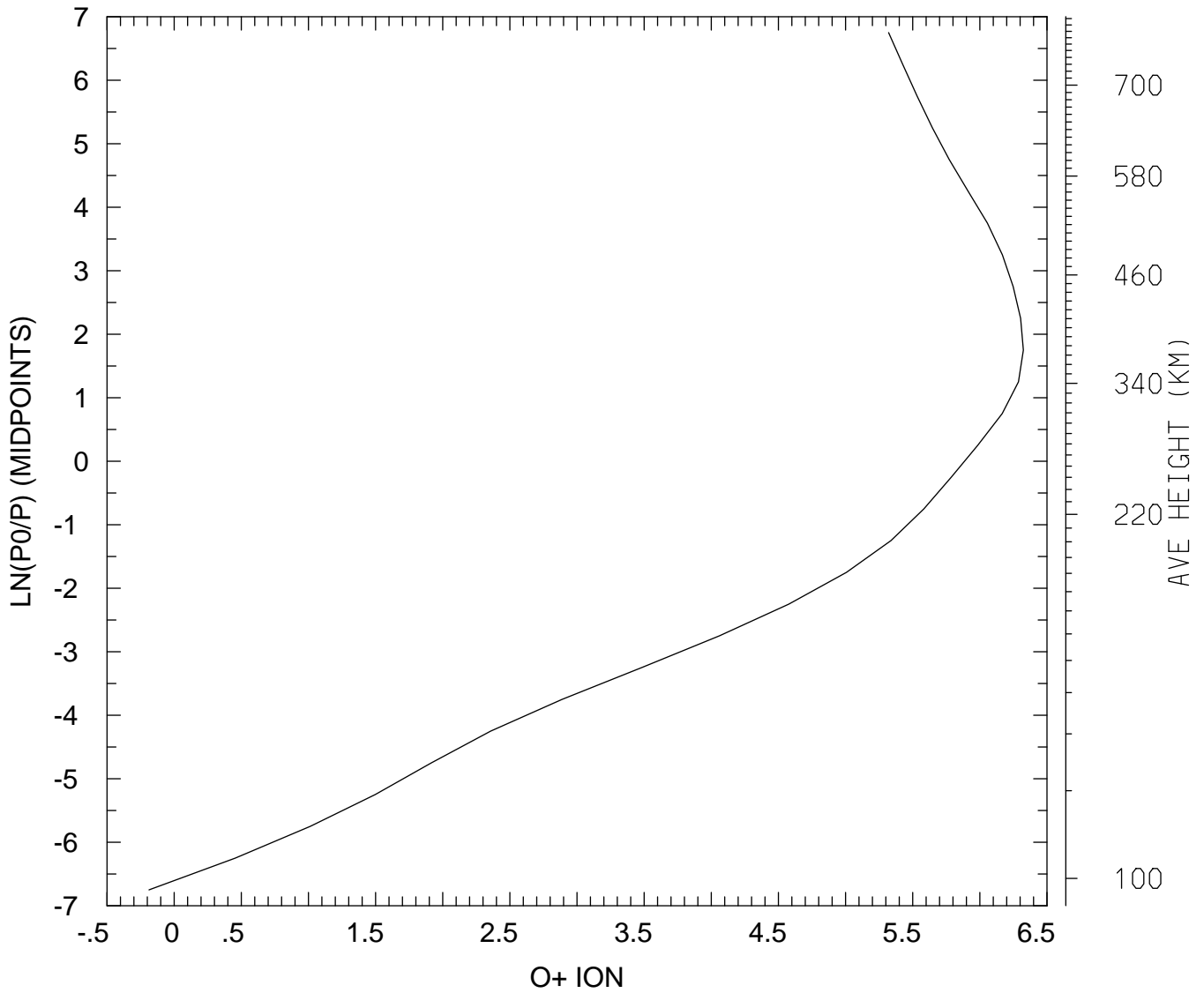
MIN,MAX= 9.3886E-02 1.2188E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



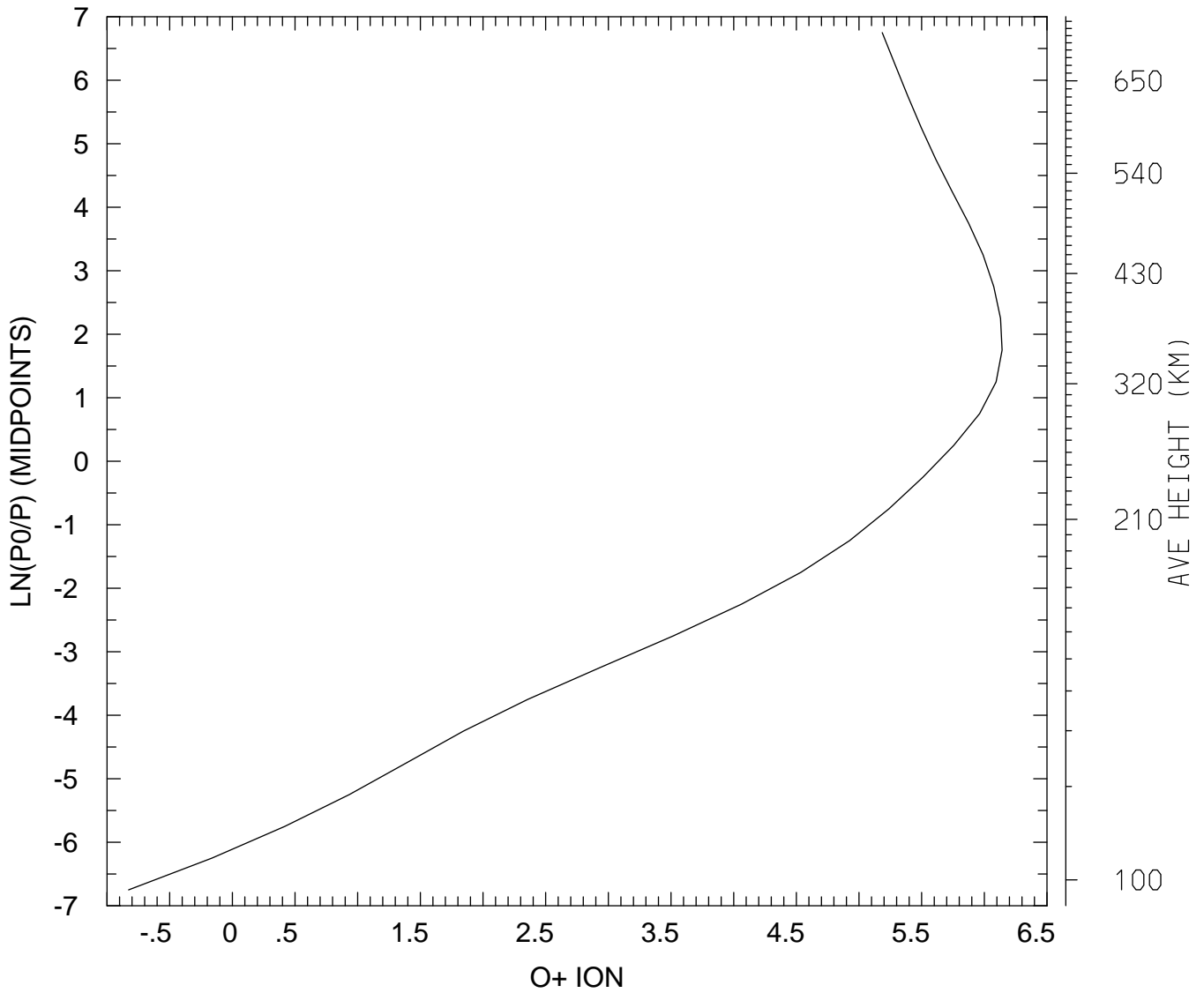
MIN,MAX= 1.1016E-02 9.0751E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 O+ ION (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



MIN,MAX= 6.4869E-01 2.1091E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

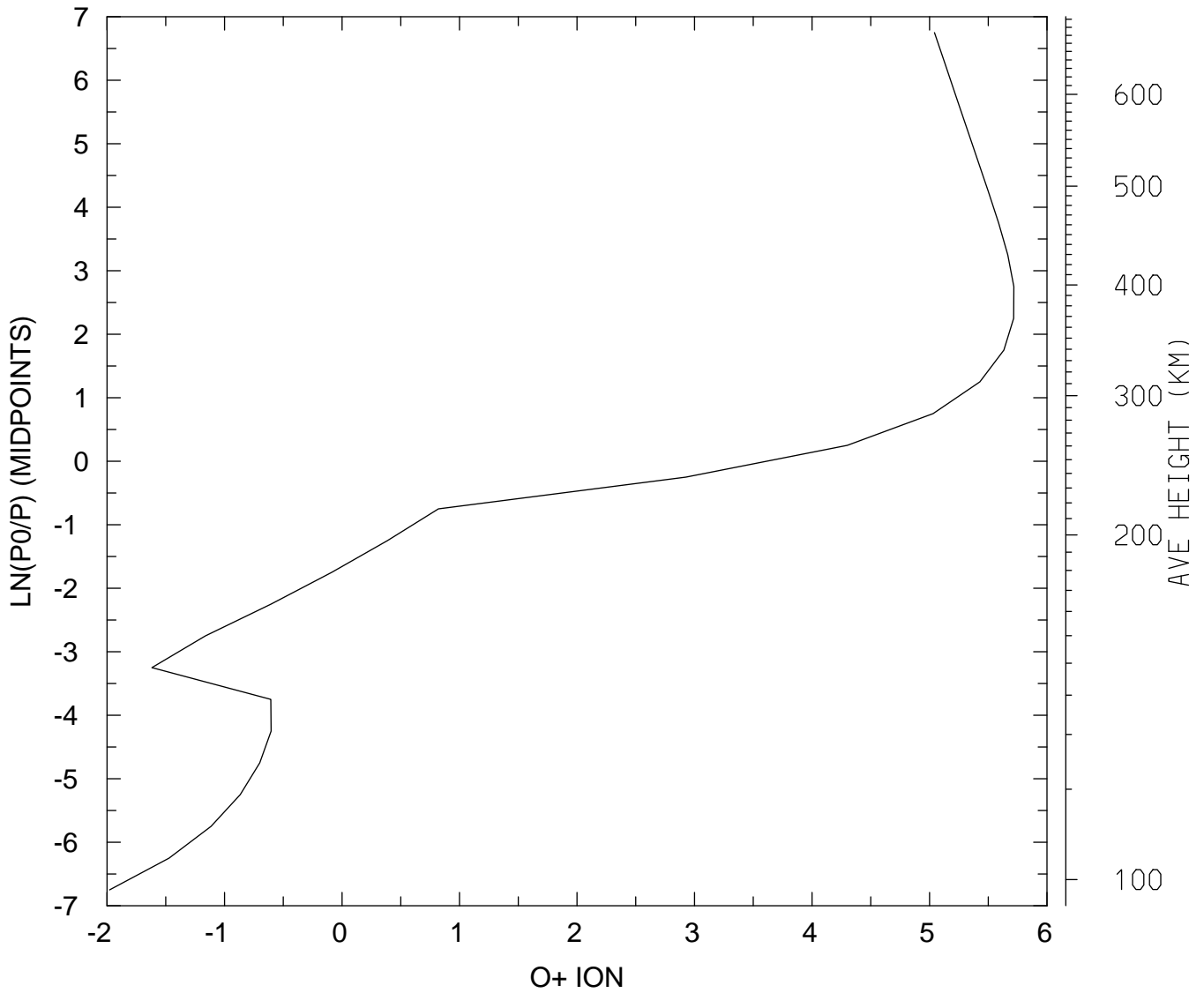
LOG10 O+ ION (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



MIN,MAX= 1.4868E-01 1.3849E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

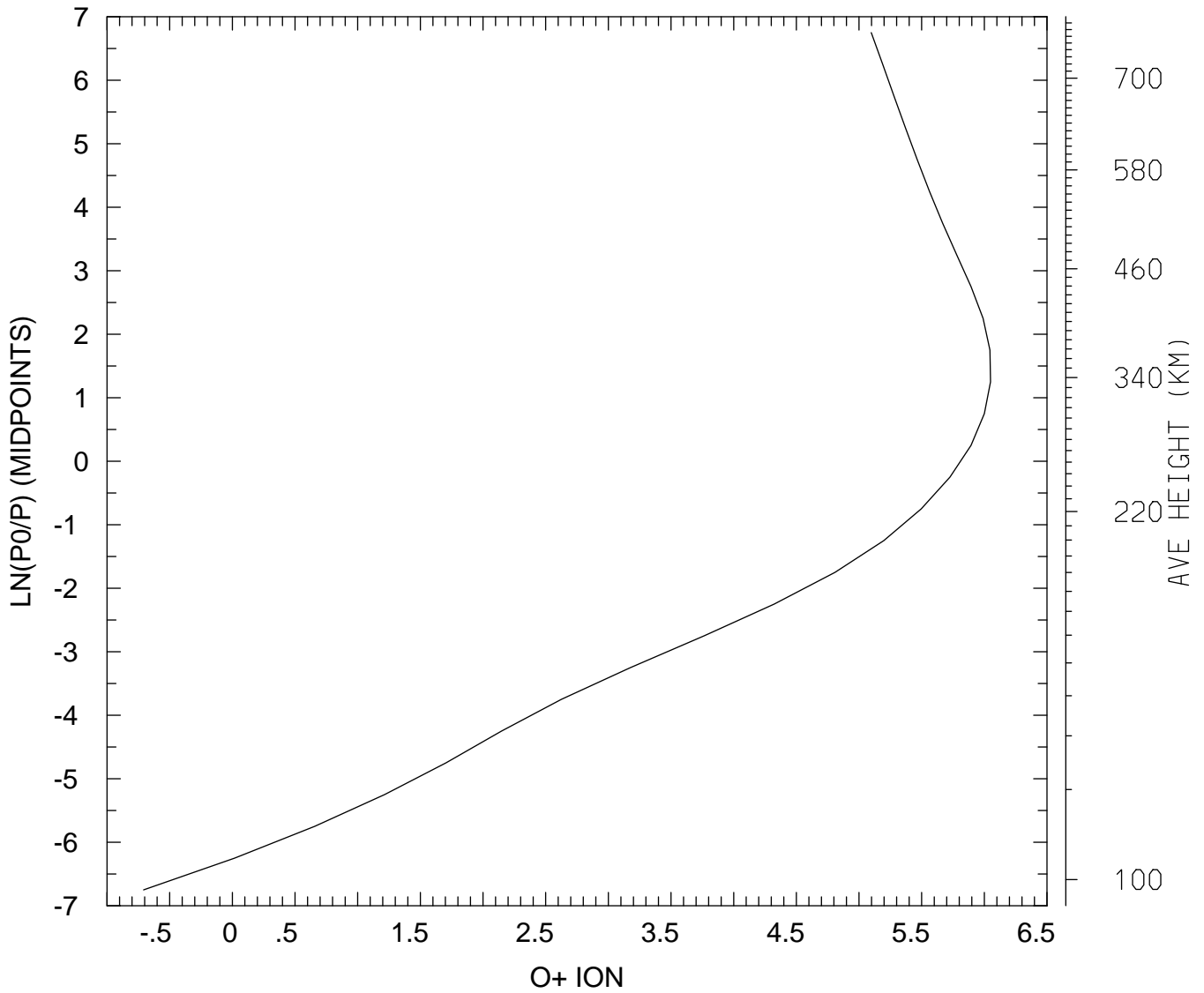


LOG10 O+ ION (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



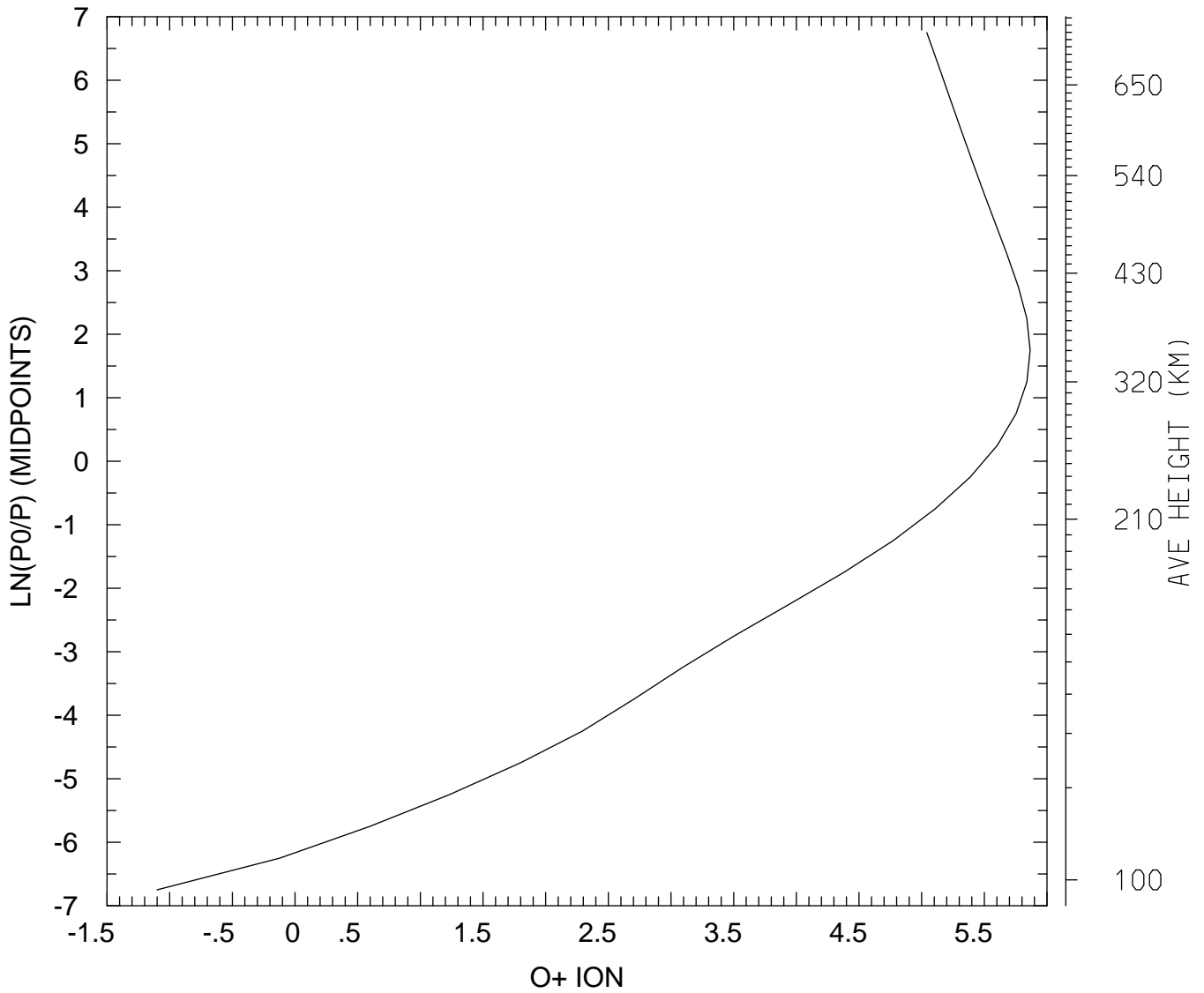
MIN,MAX= 1.0518E-02 5.2232E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 O+ ION (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



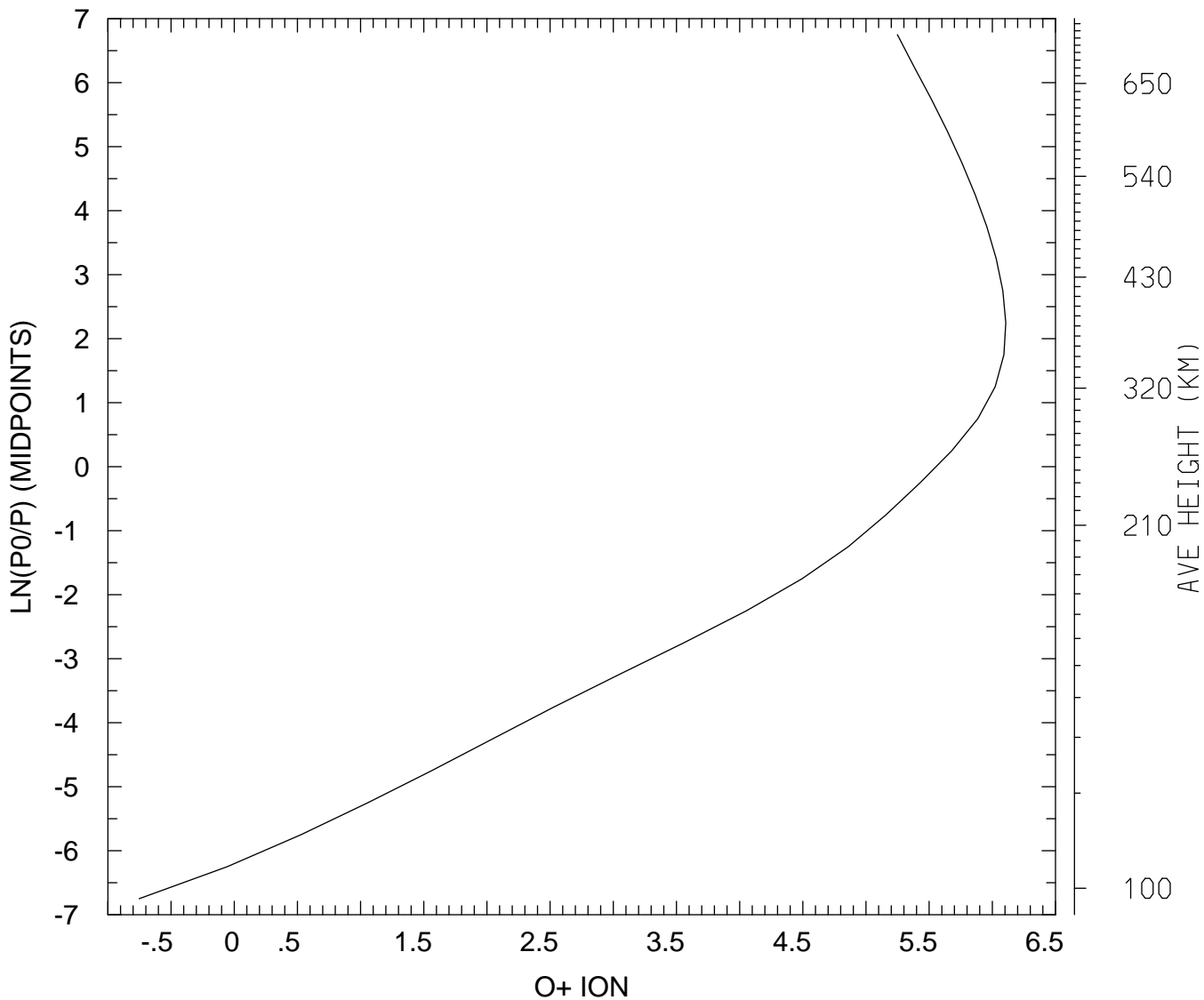
MIN,MAX= 1.9581E-01 1.1203E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



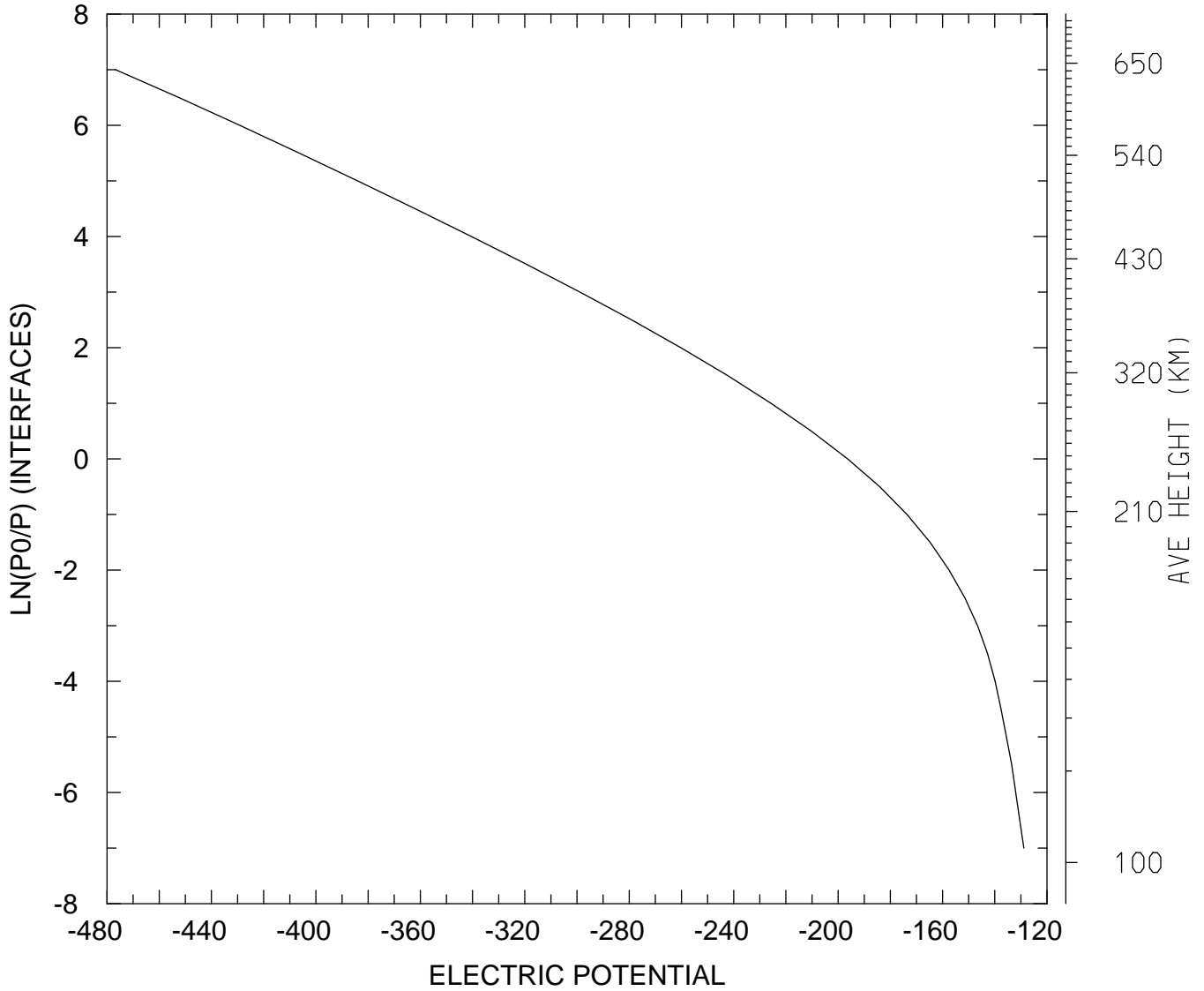
MIN,MAX= 7.9160E-02 7.3393E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

LOG10 O+ ION (CM3)  
UT= 0.00 GLOBAL MEANS



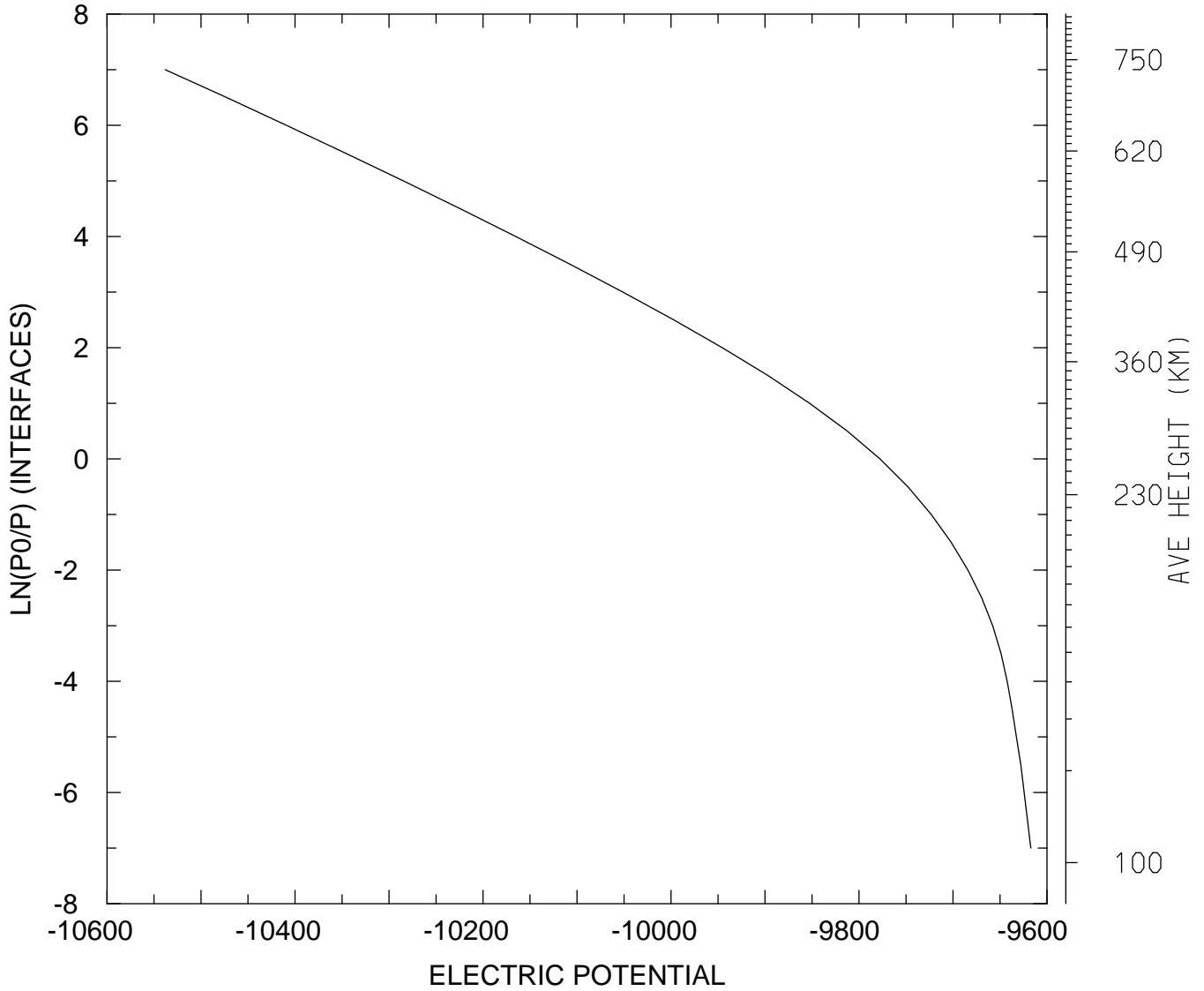
MIN,MAX= 1.7654E-01 1.2775E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



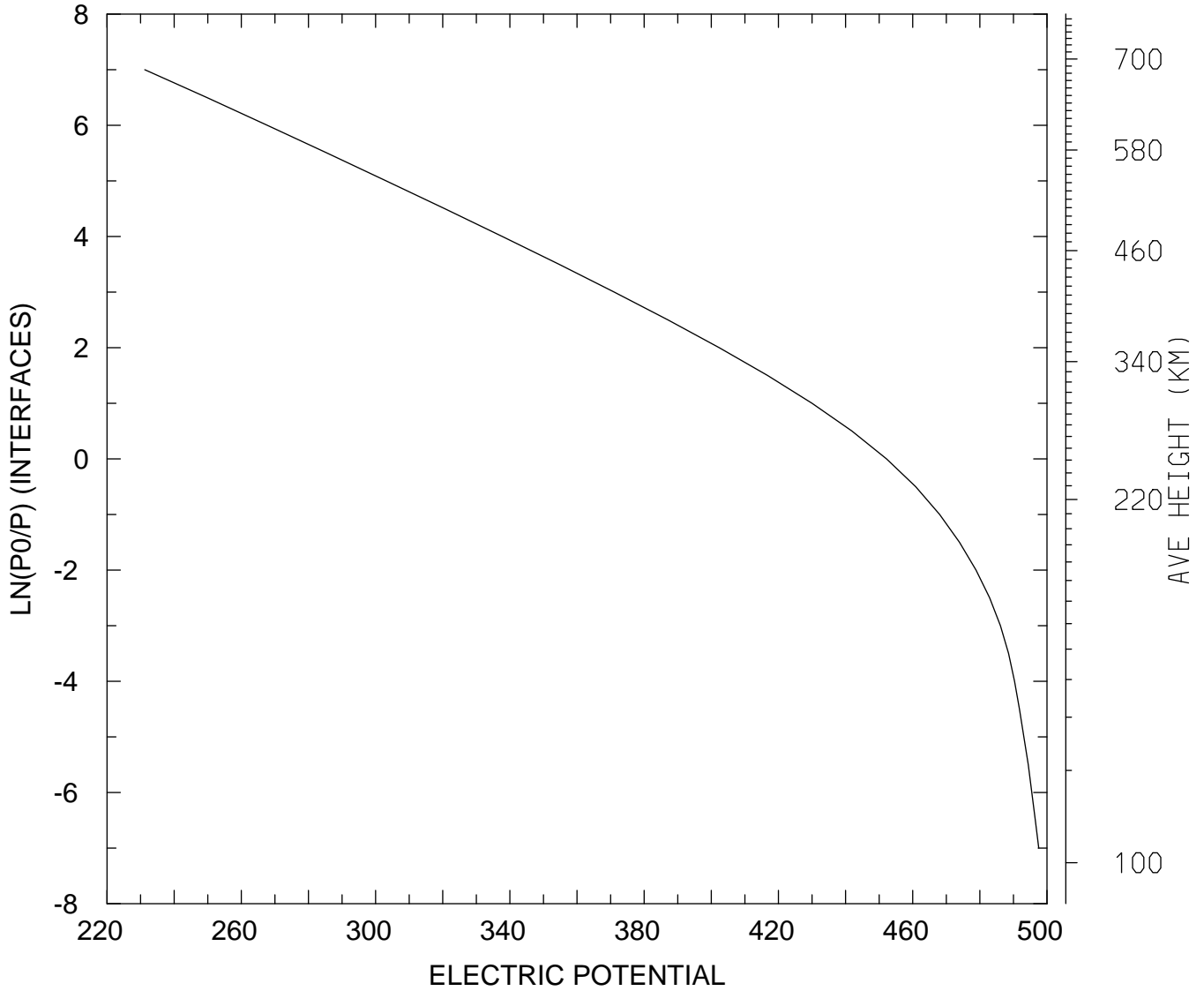
MIN,MAX= -4.7671E+02 -1.2888E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



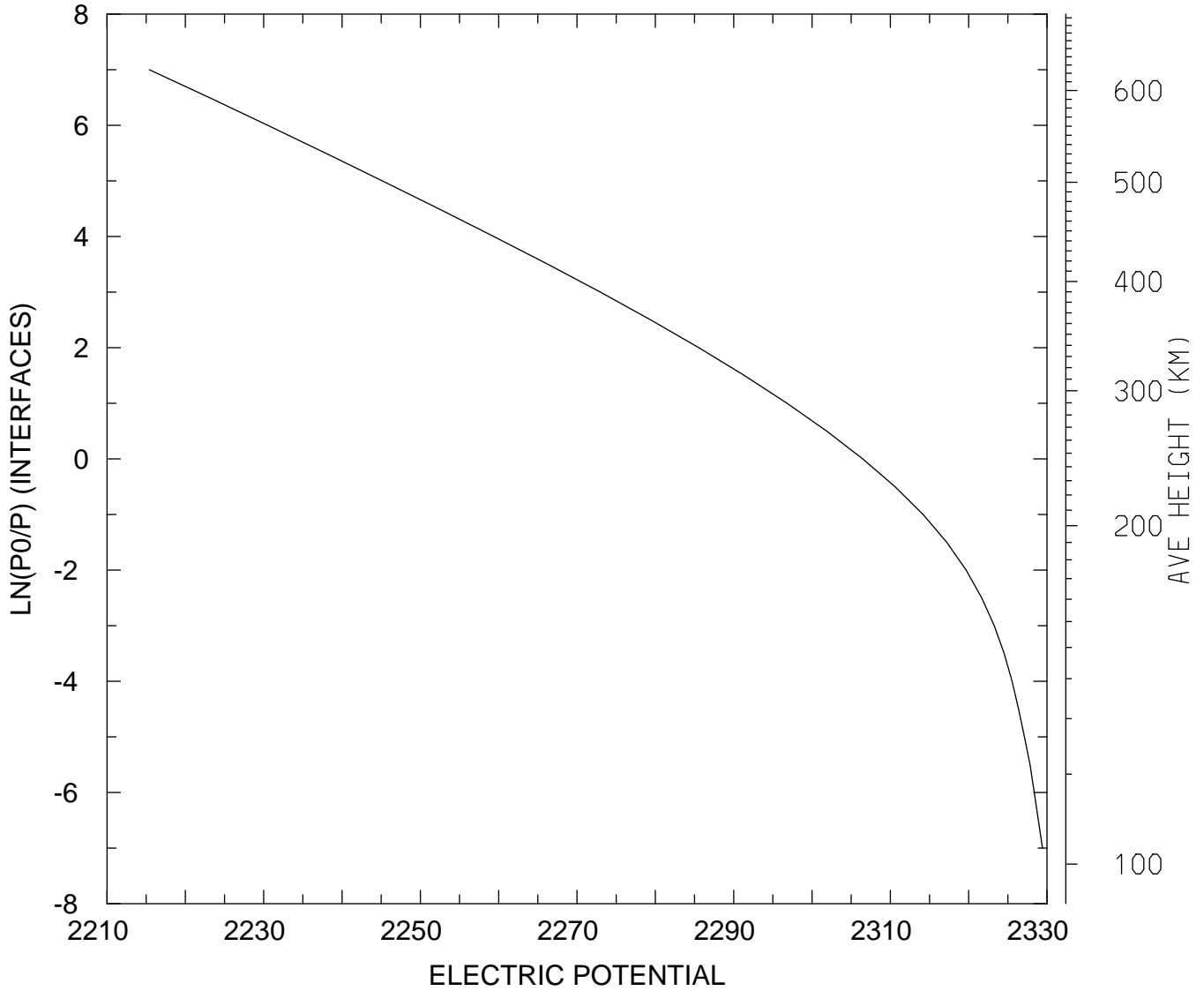
MIN,MAX= -1.0538E+04 -9.6172E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



MIN,MAX= 2.3125E+02 4.9754E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

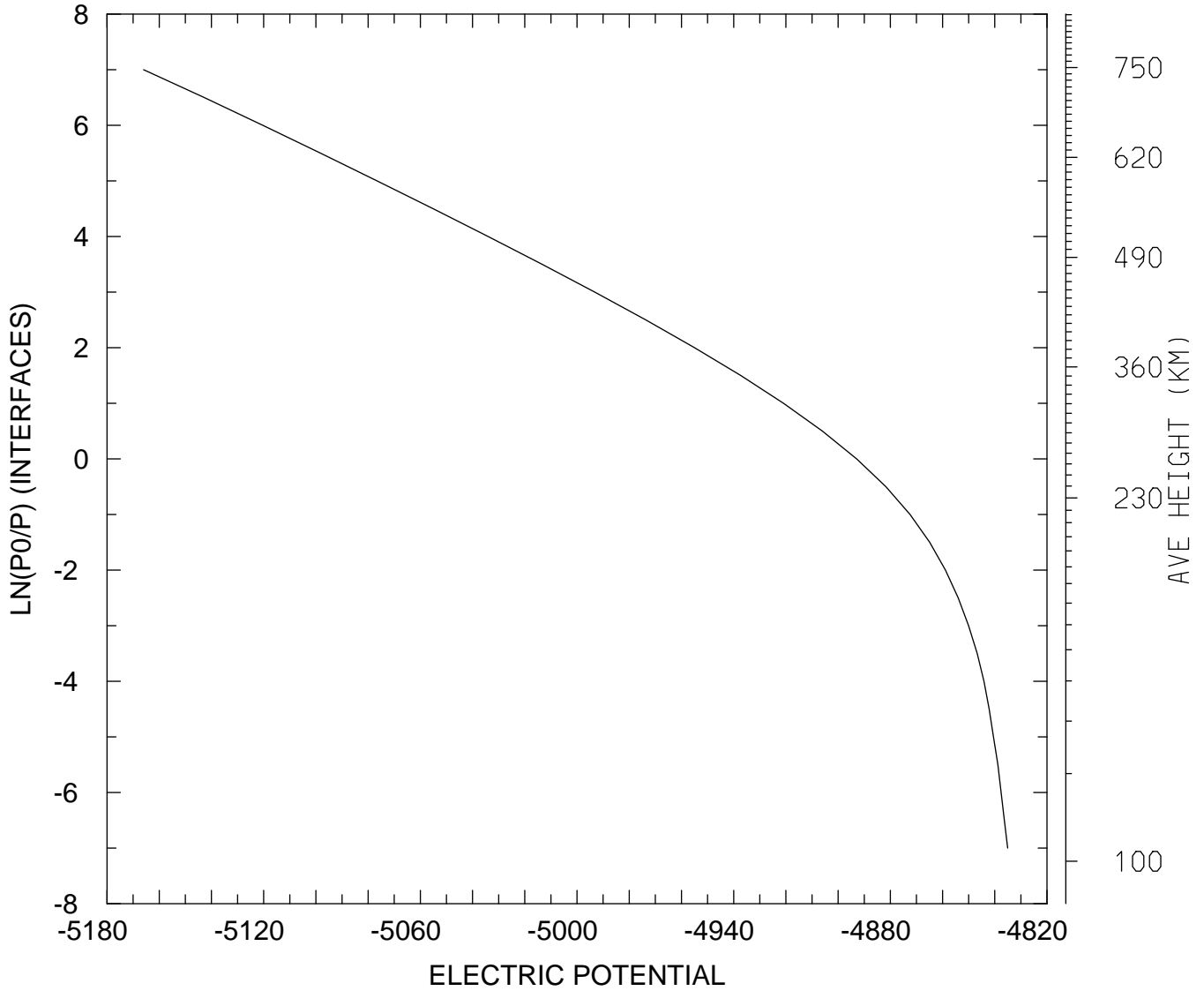
ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



MIN,MAX= 2.2154E+03 2.3294E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

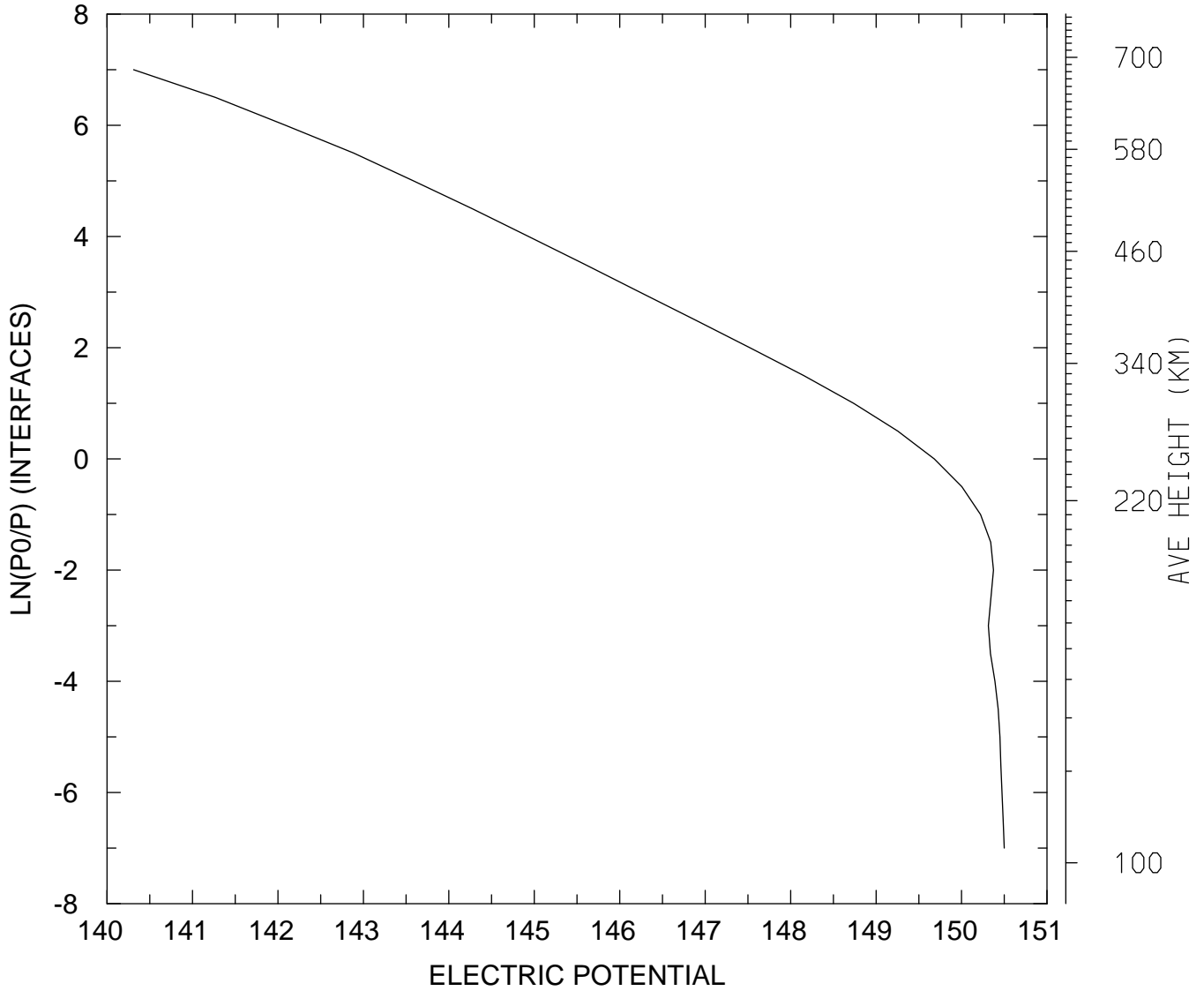


ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



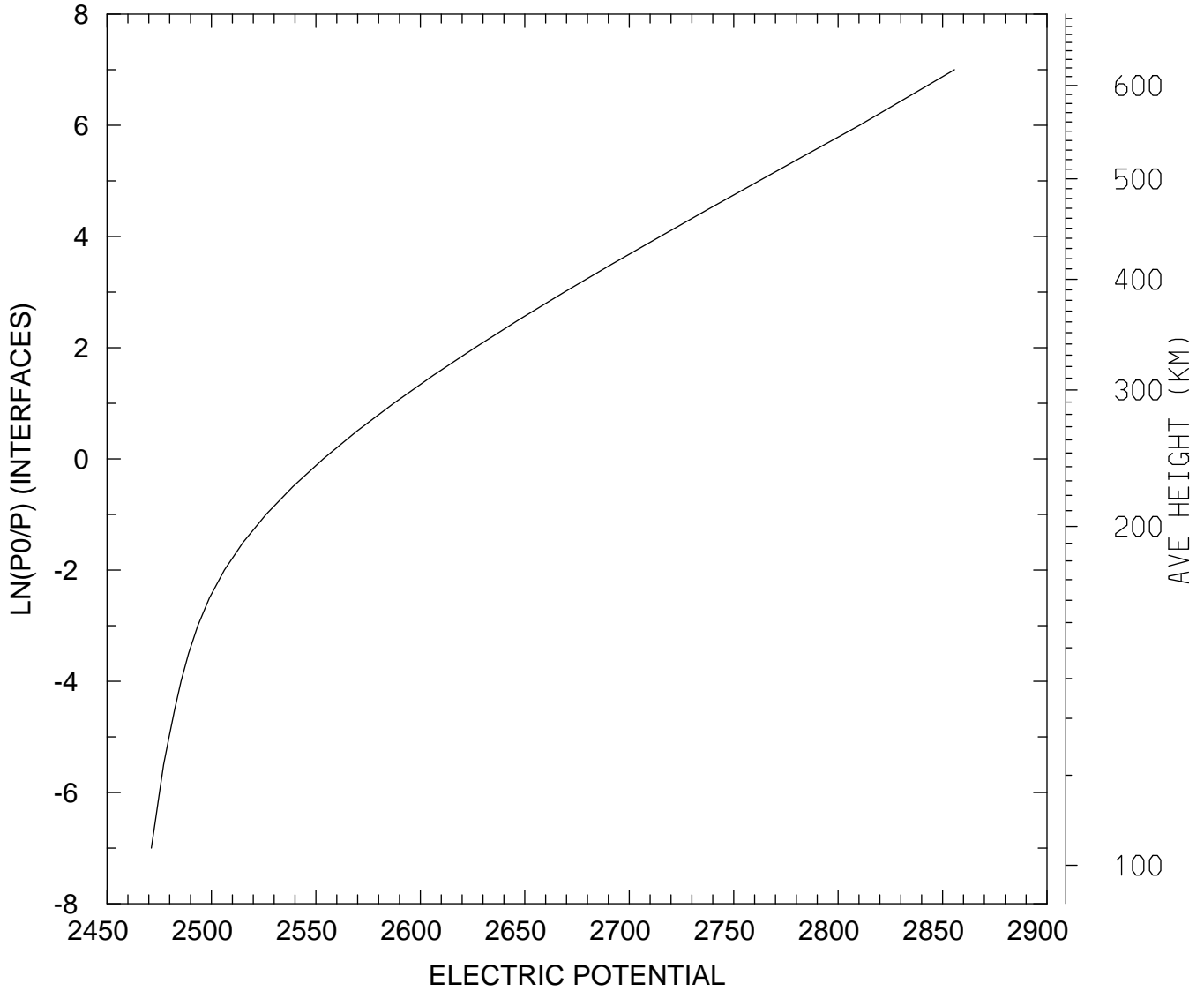
MIN,MAX= -5.1660E+03 -4.8351E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



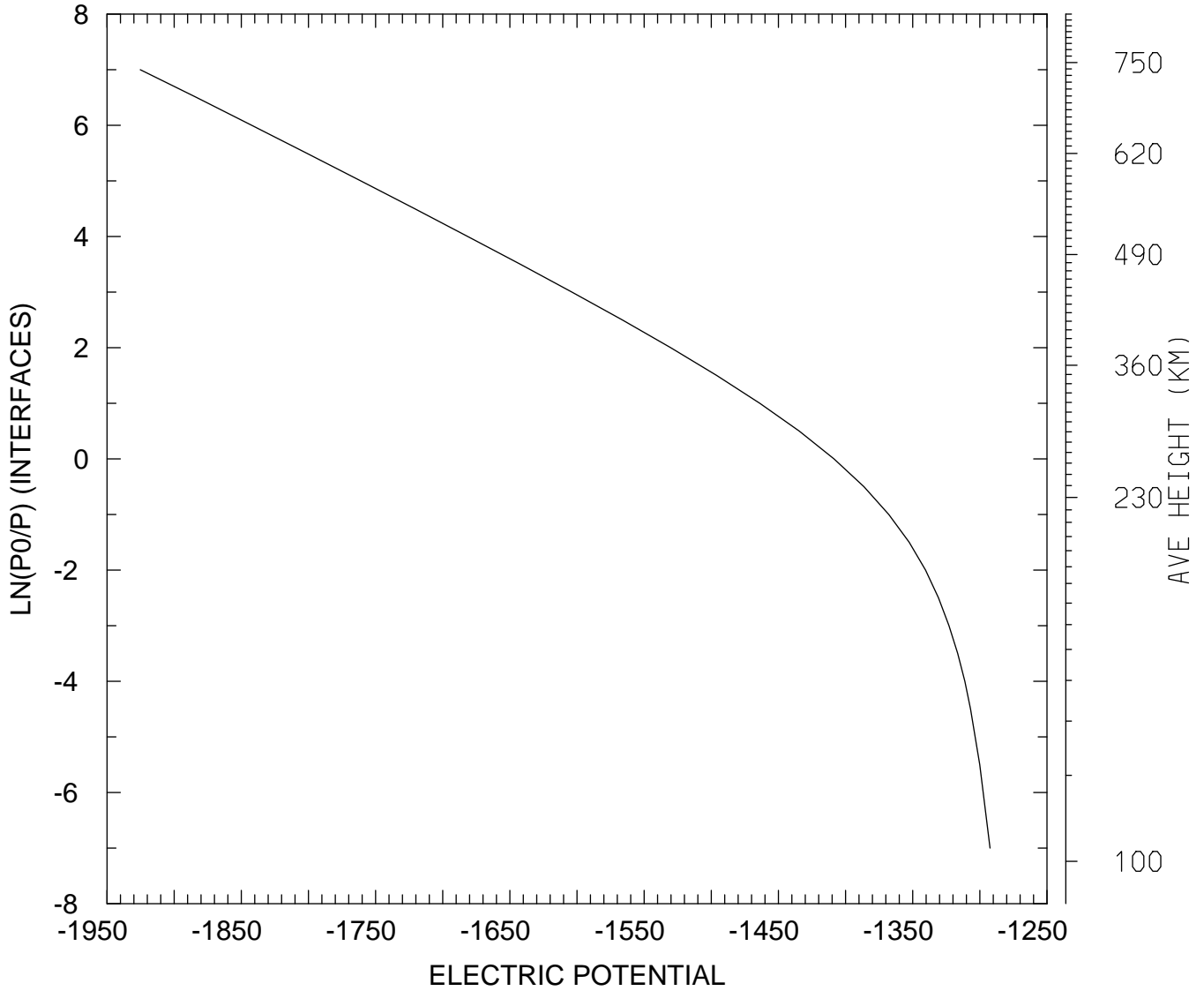
MIN,MAX= 1.4031E+02 1.5050E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



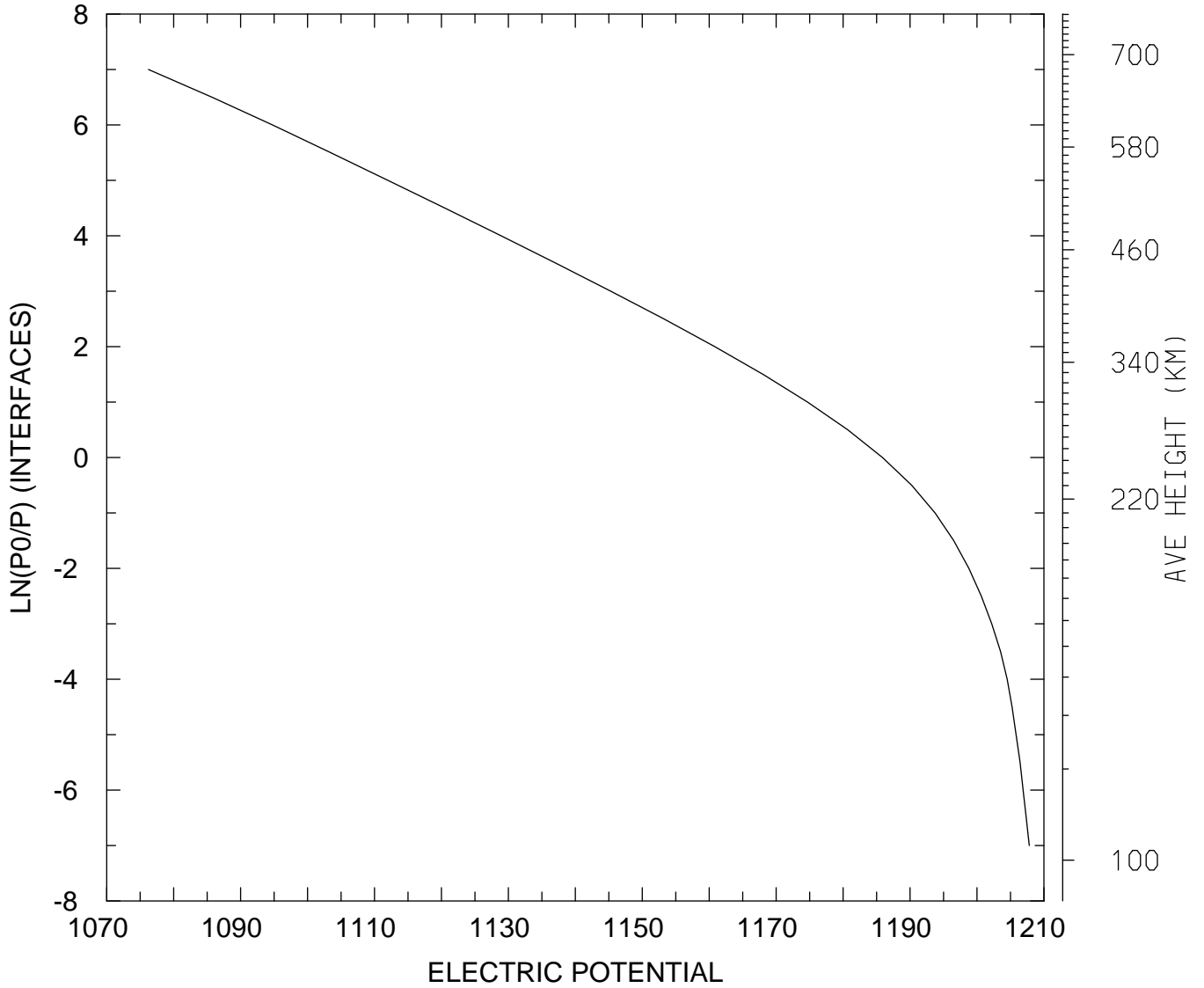
MIN,MAX= 2.4712E+03 2.8557E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



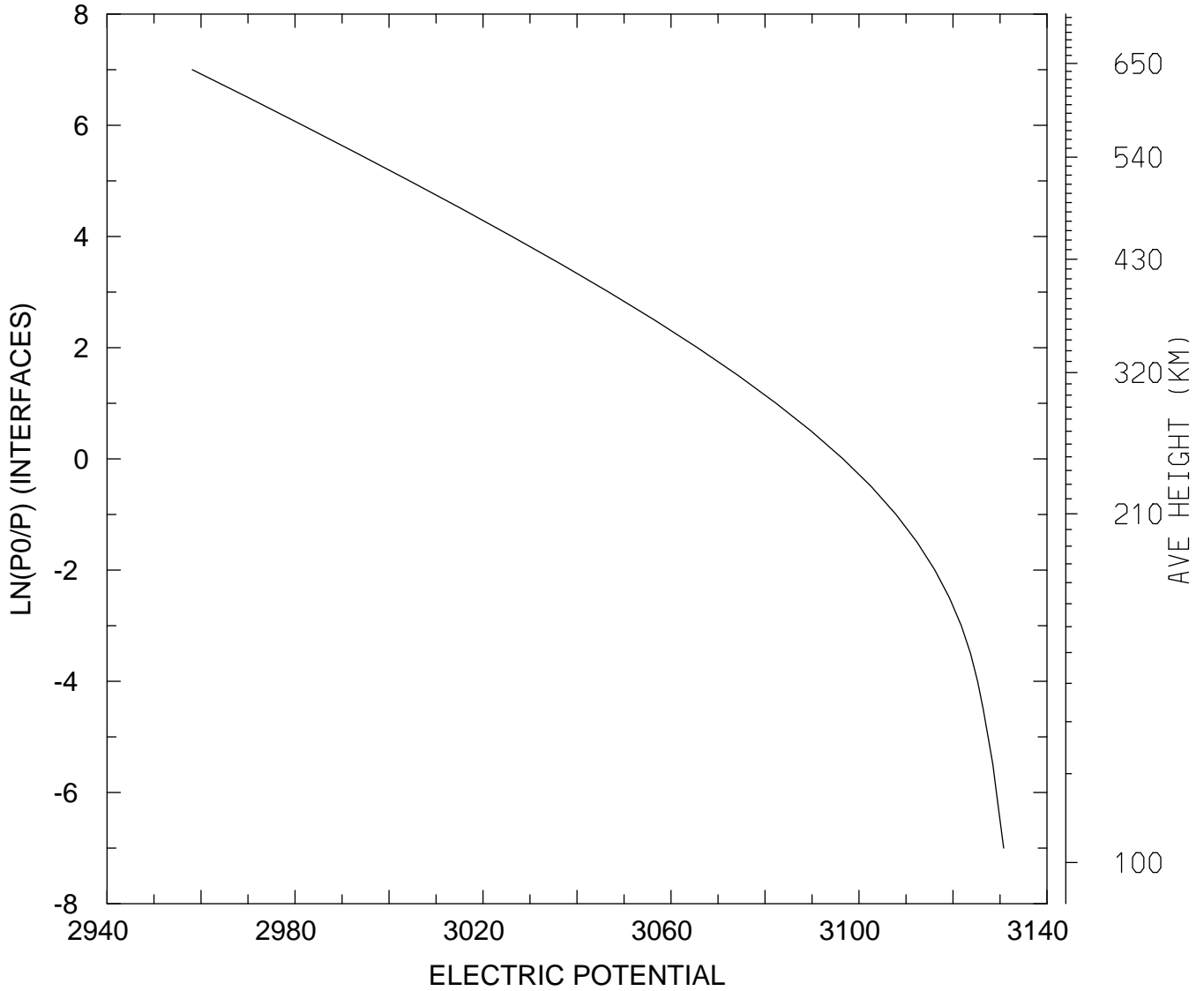
MIN,MAX= -1.9252E+03 -1.2924E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



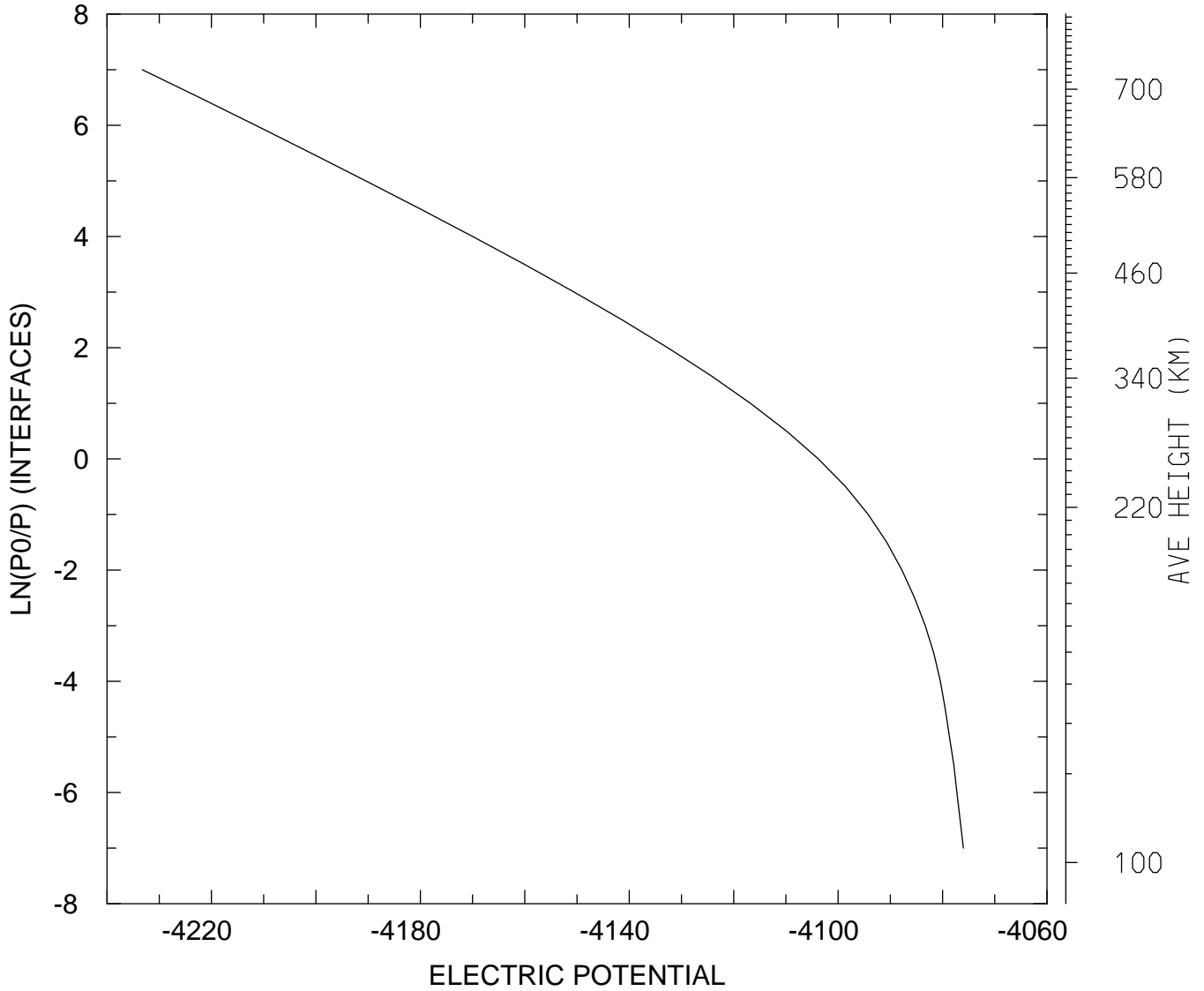
MIN,MAX= 1.0762E+03 1.2078E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



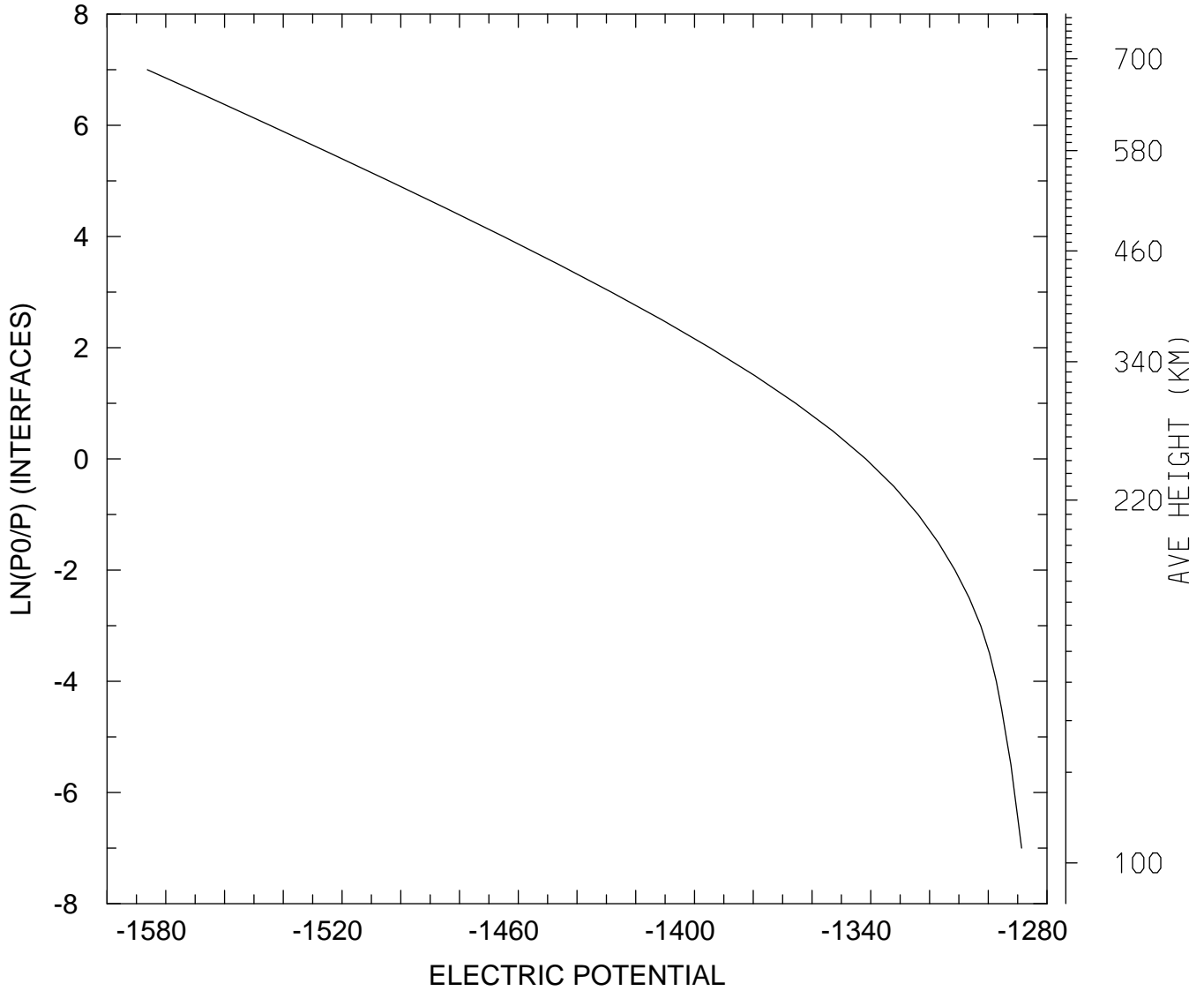
MIN,MAX= 2.9582E+03 3.1308E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



MIN,MAX= -4.2333E+03 -4.0760E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

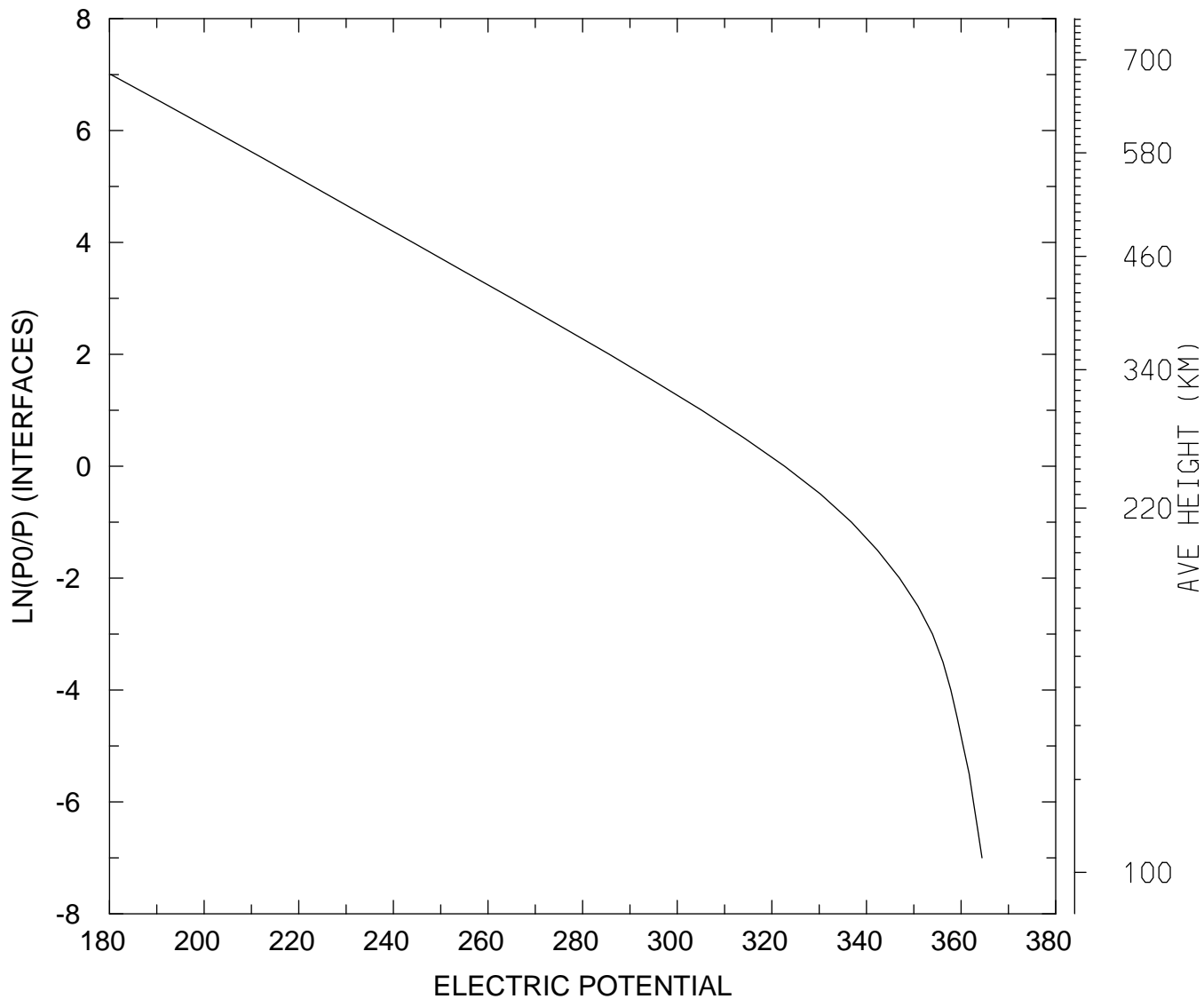
ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



MIN,MAX= -1.5863E+03 -1.2886E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

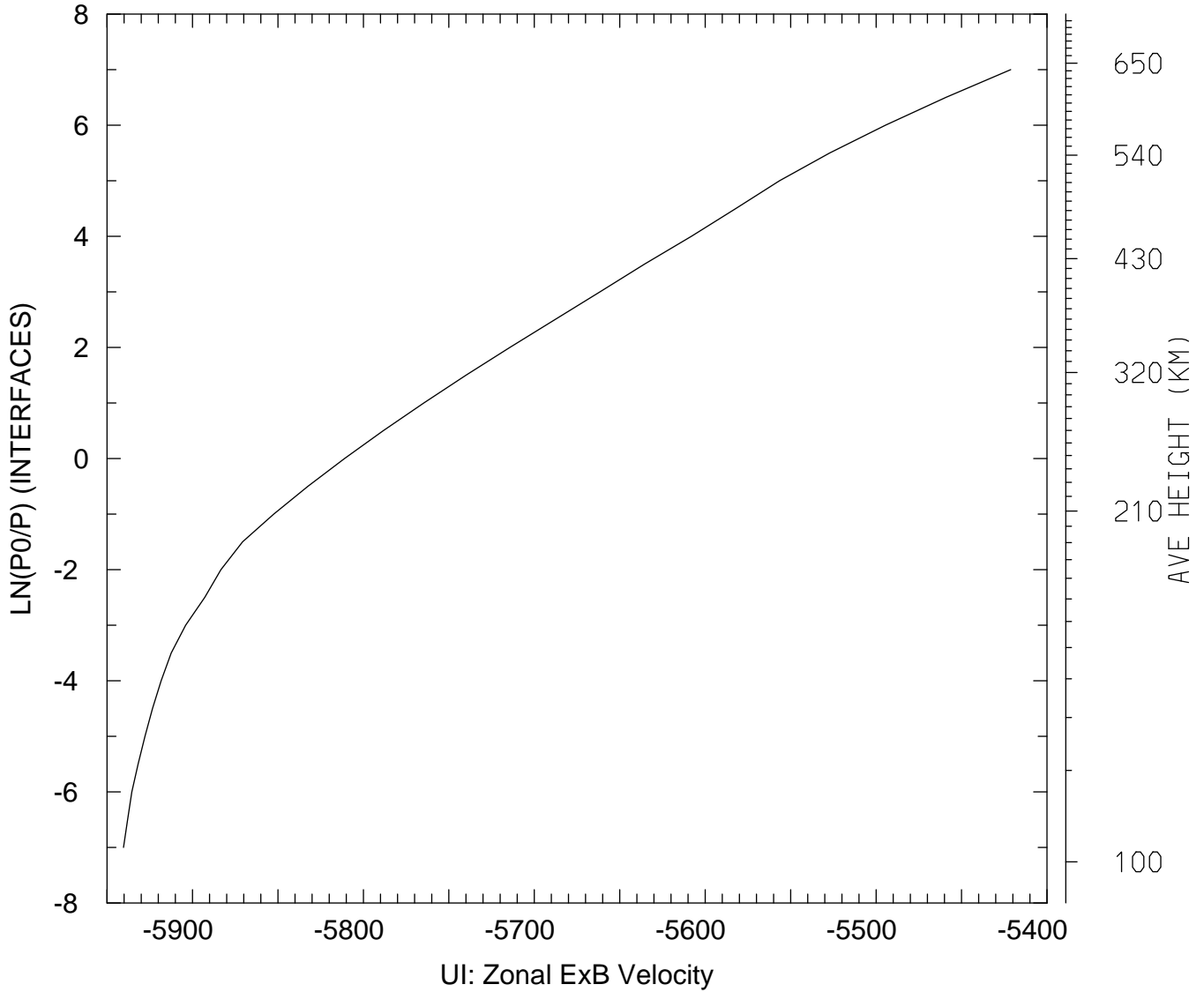


ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 GLOBAL MEANS



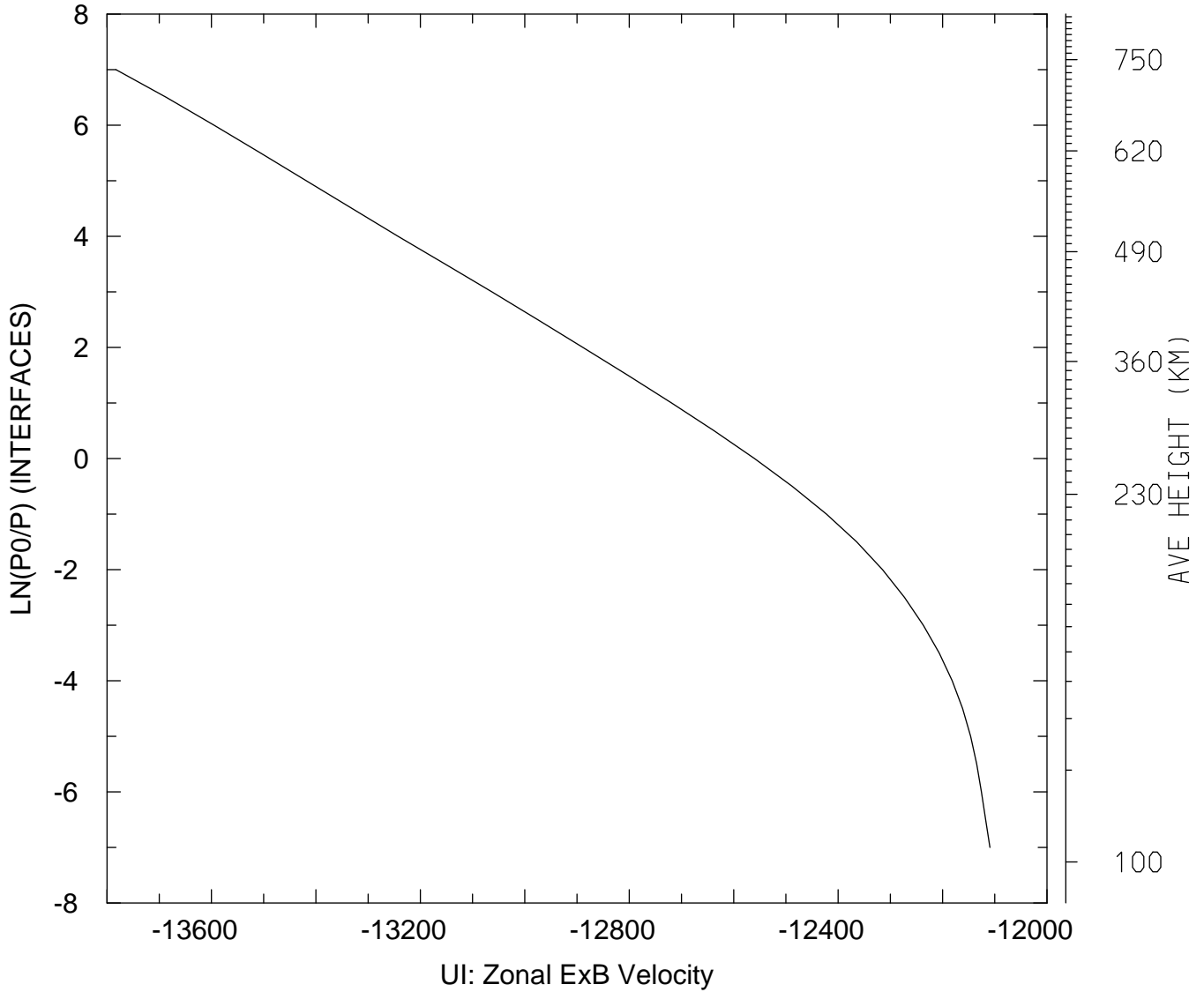
MIN,MAX= 1.8029E+02 3.6442E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



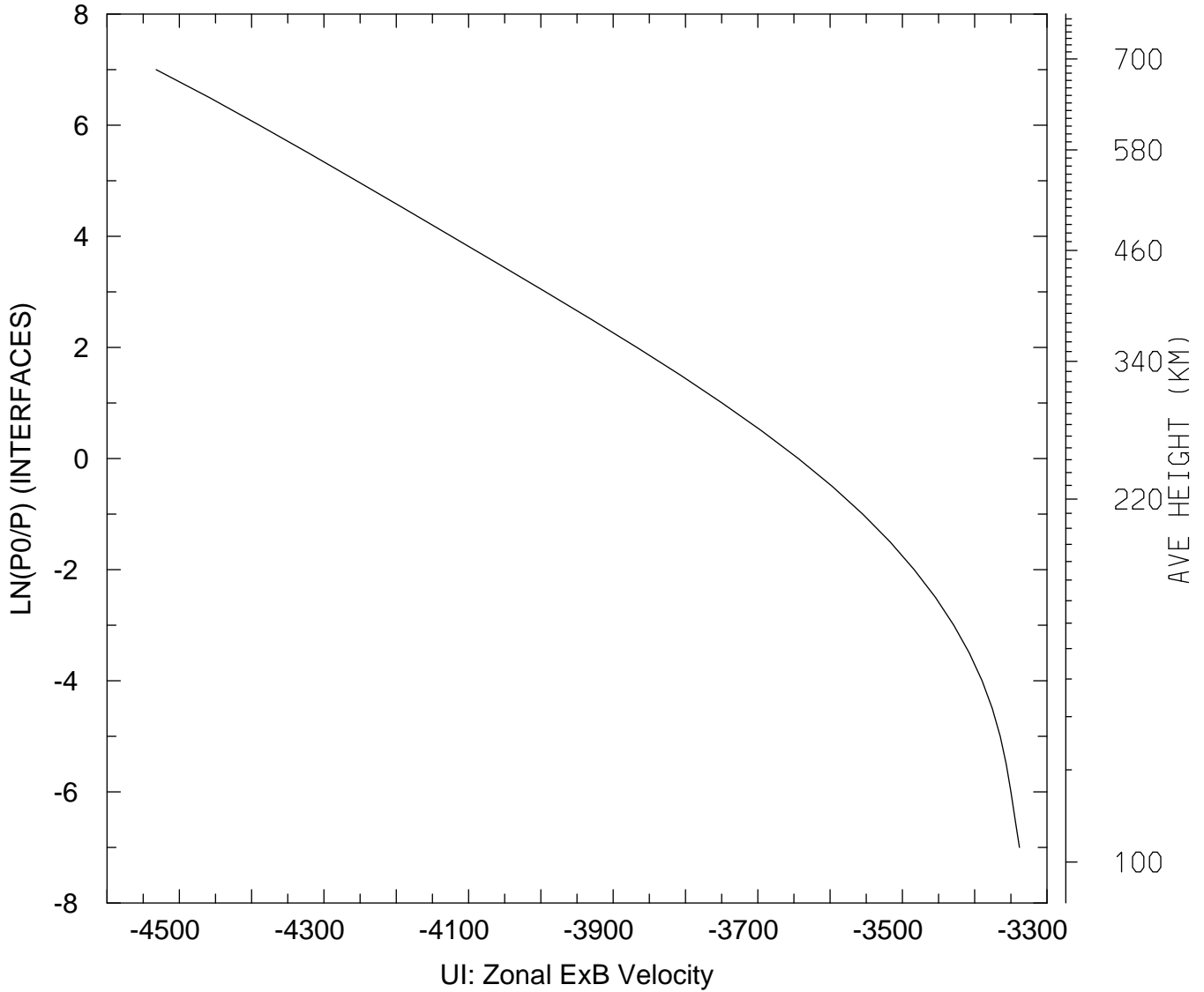
MIN,MAX= -5.9404E+03 -5.4212E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



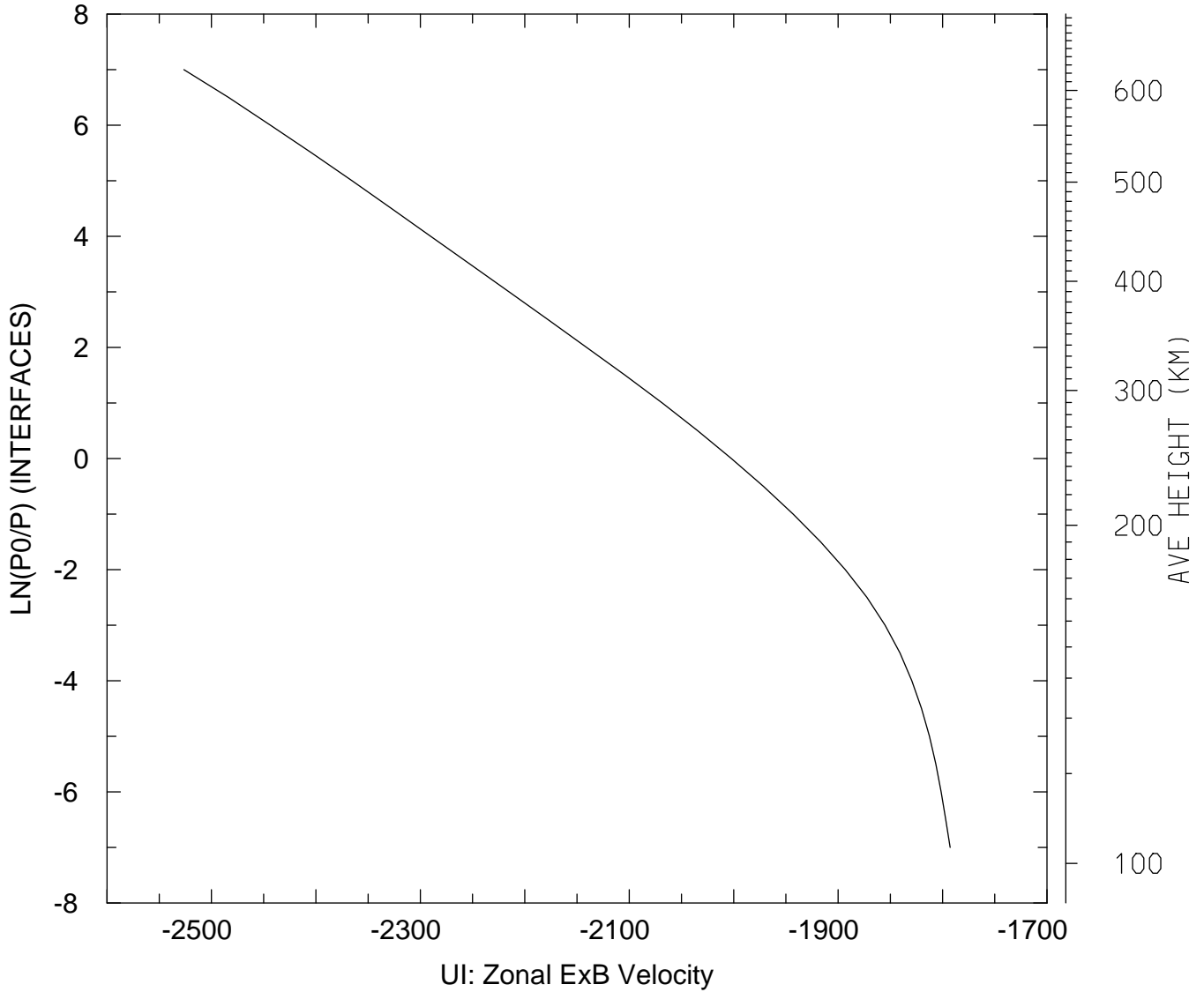
MIN,MAX= -1.3783E+04 -1.2109E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



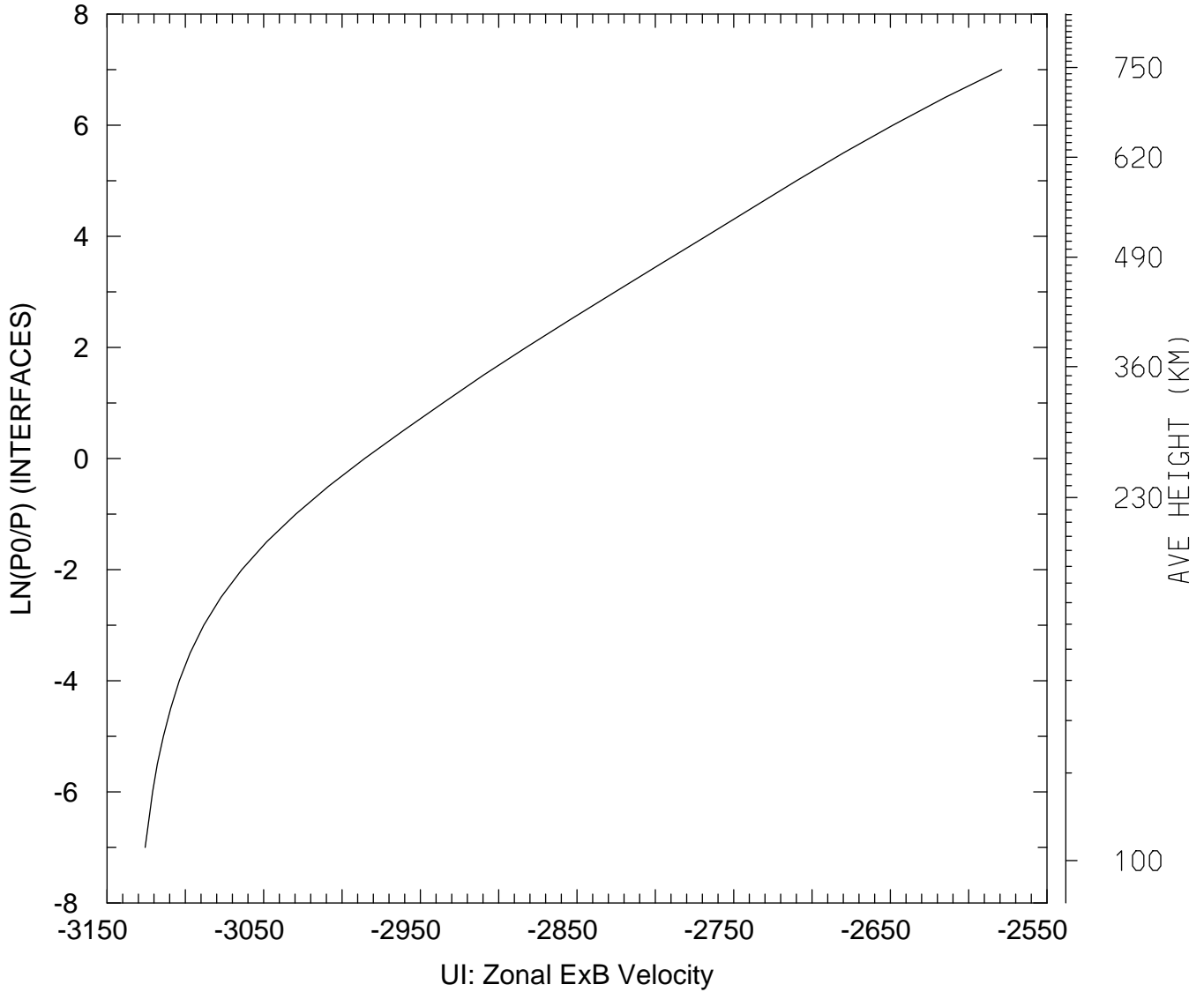
MIN,MAX= -4.5321E+03 -3.3381E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



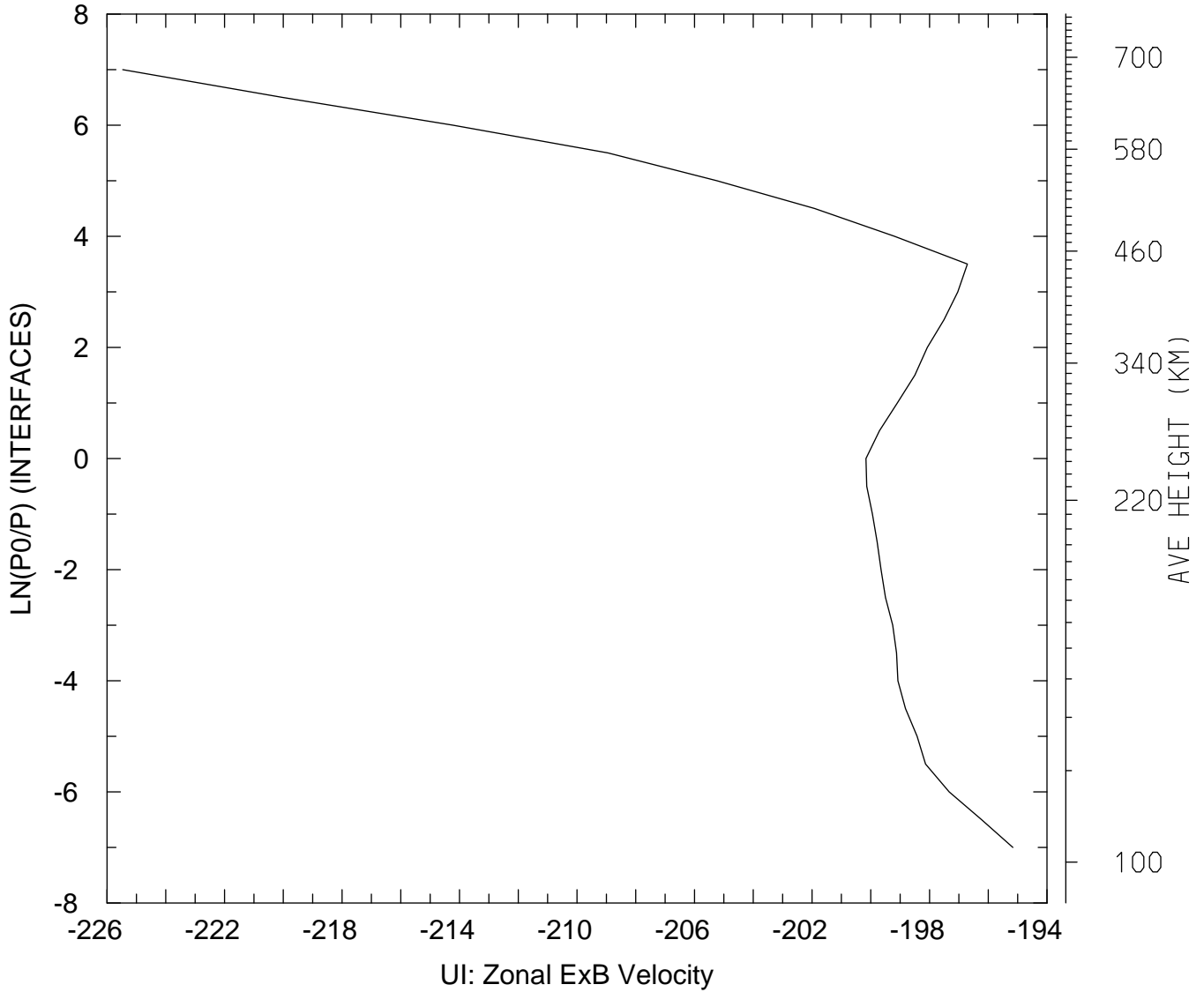
MIN,MAX= -2.5264E+03 -1.7928E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS)



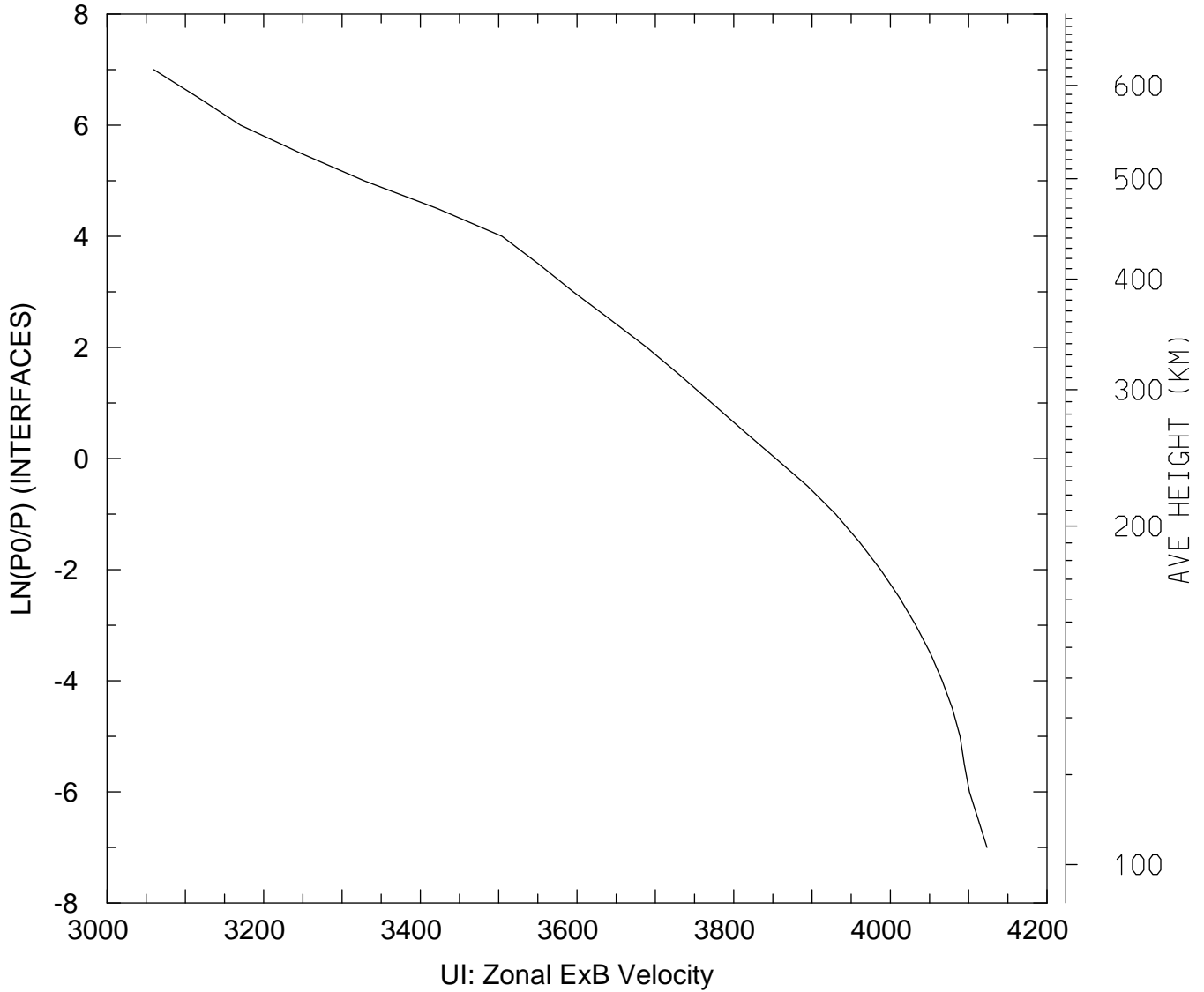
MIN,MAX= -3.1257E+03 -2.5789E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= -2.2547E+02 -1.9516E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

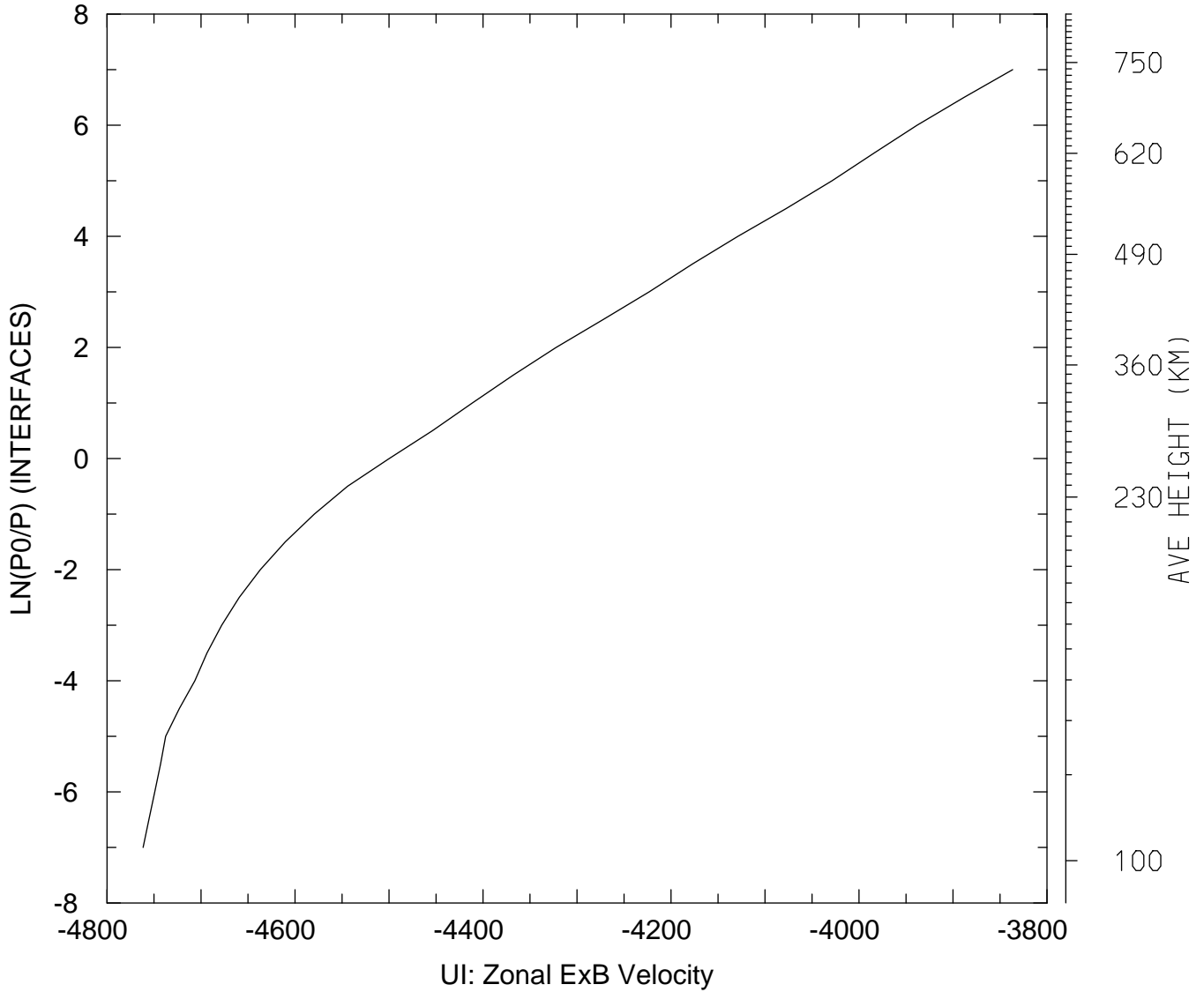
UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



MIN,MAX= 3.0596E+03 4.1234E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

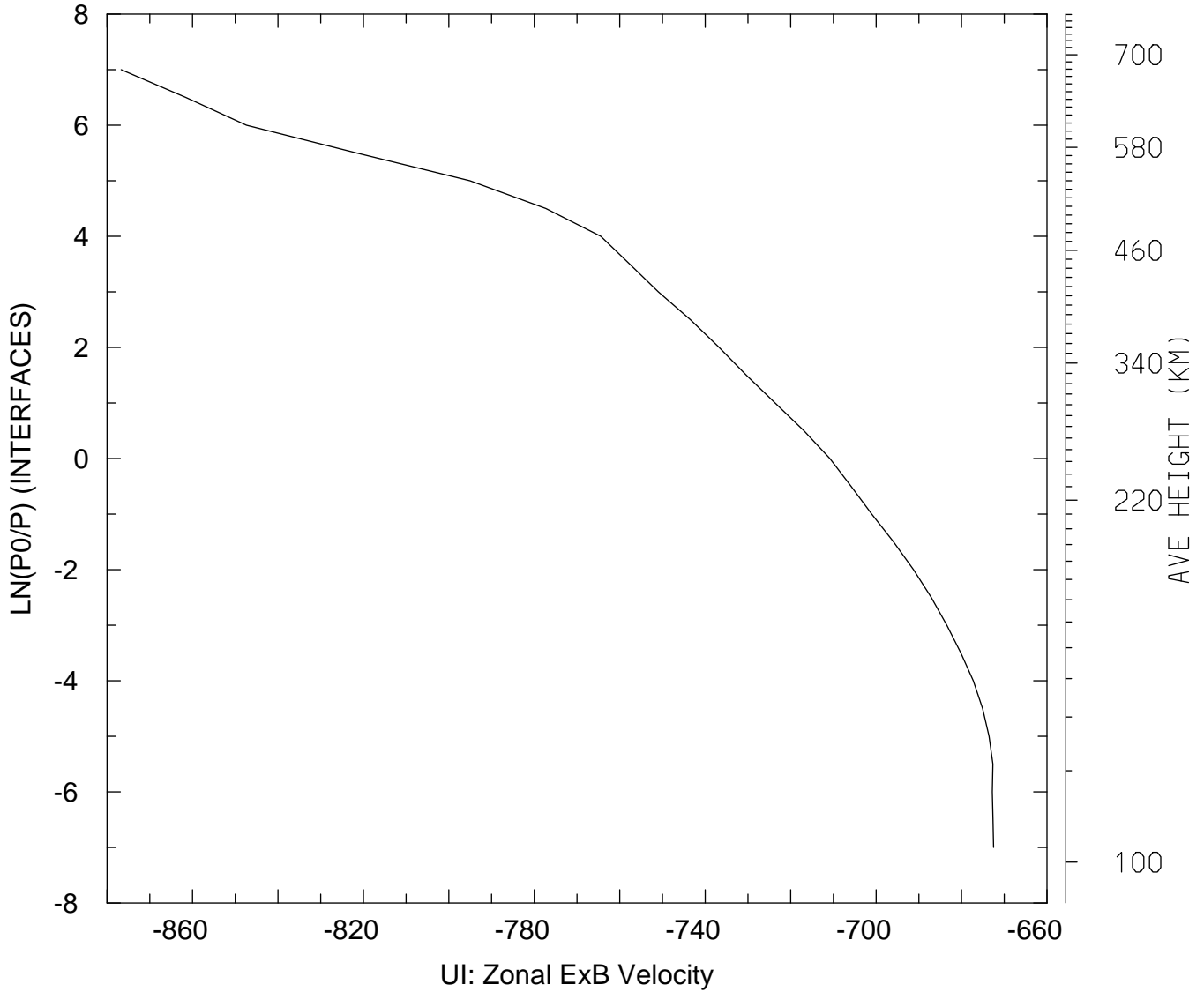


UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS)



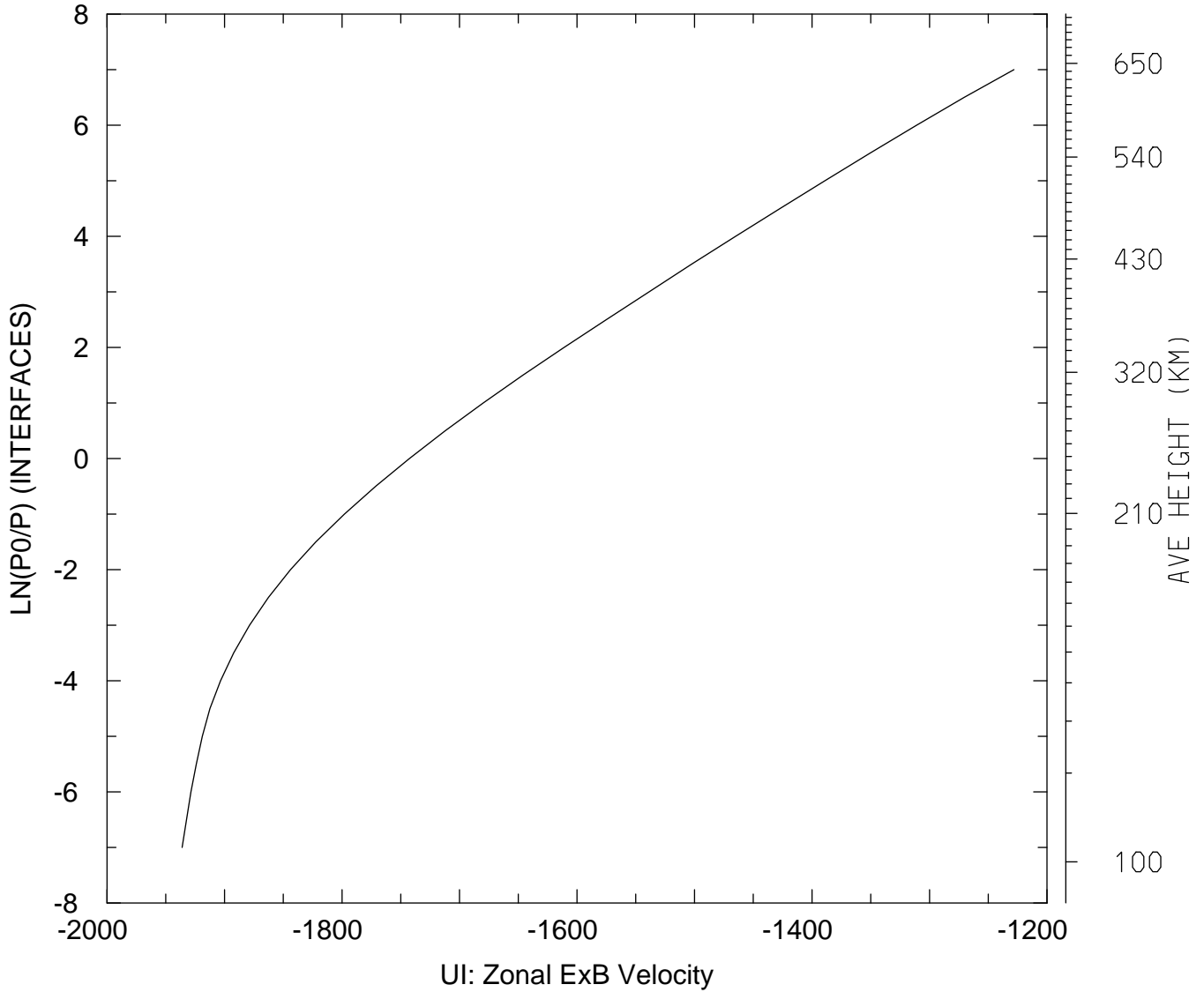
MIN,MAX= -4.7616E+03 -3.8365E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



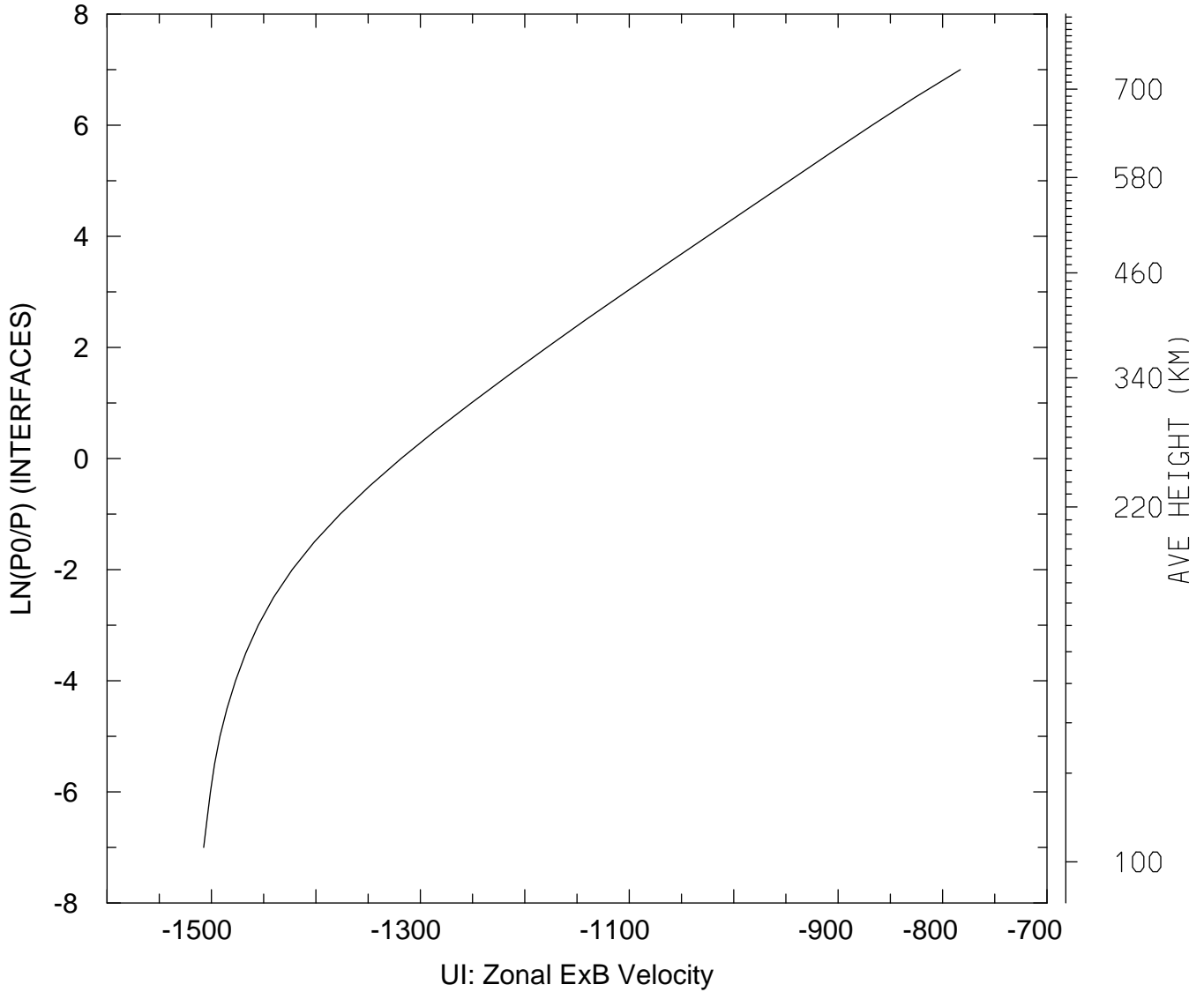
MIN,MAX= -8.7670E+02 -6.7250E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



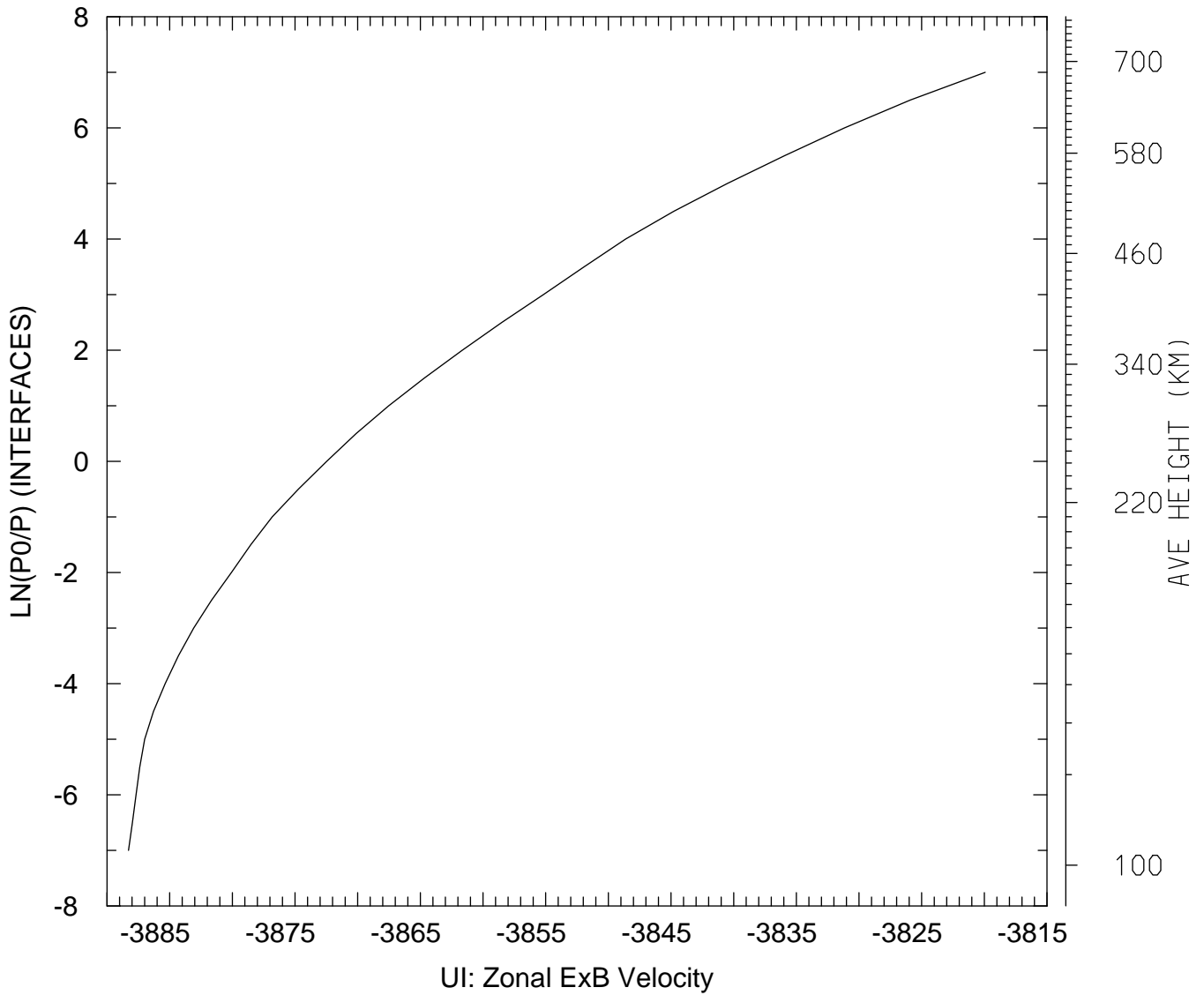
MIN,MAX= -1.9361E+03 -1.2282E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS)



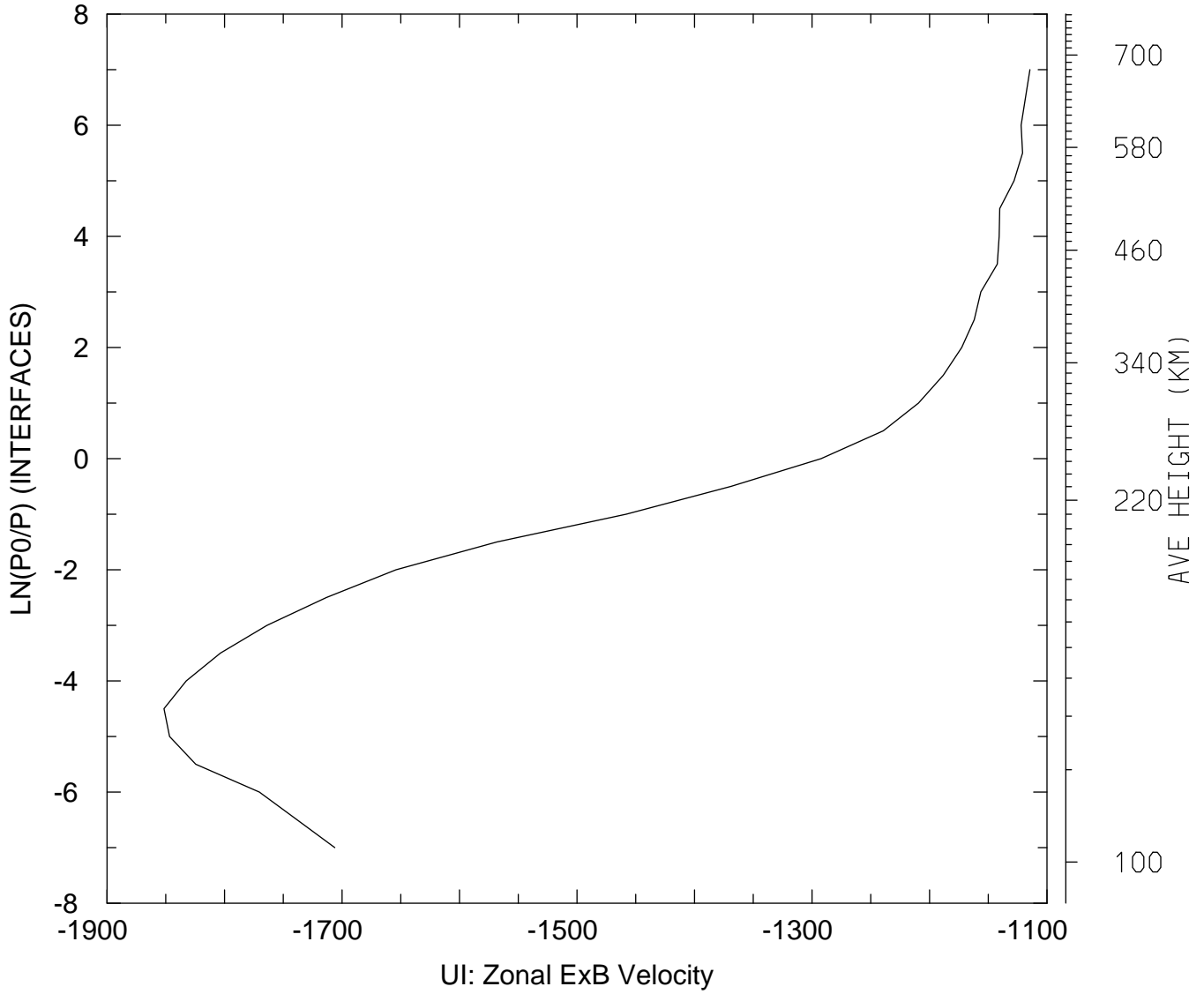
MIN,MAX= -1.5075E+03 -7.8301E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



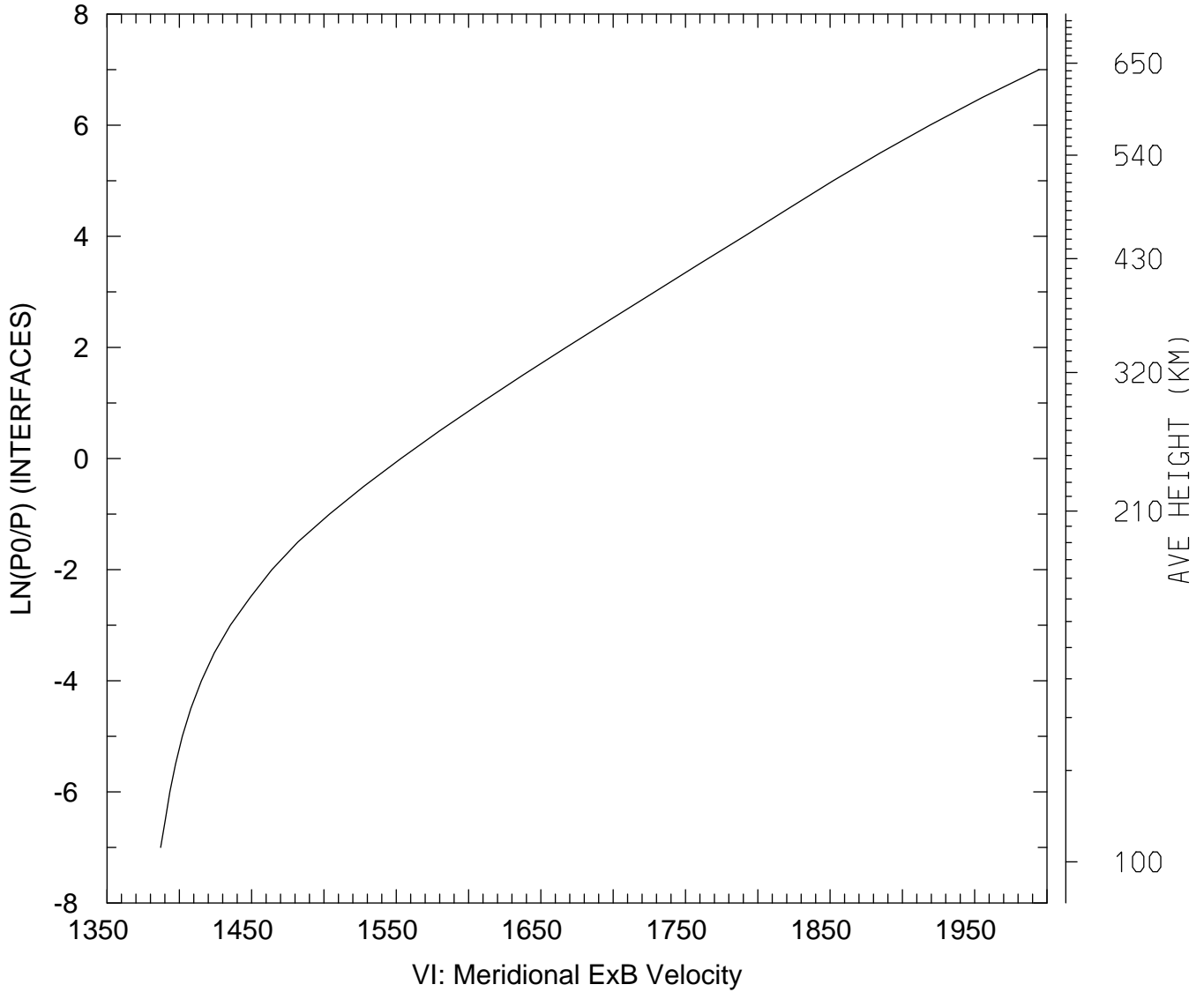
MIN,MAX= -3.8883E+03 -3.8199E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



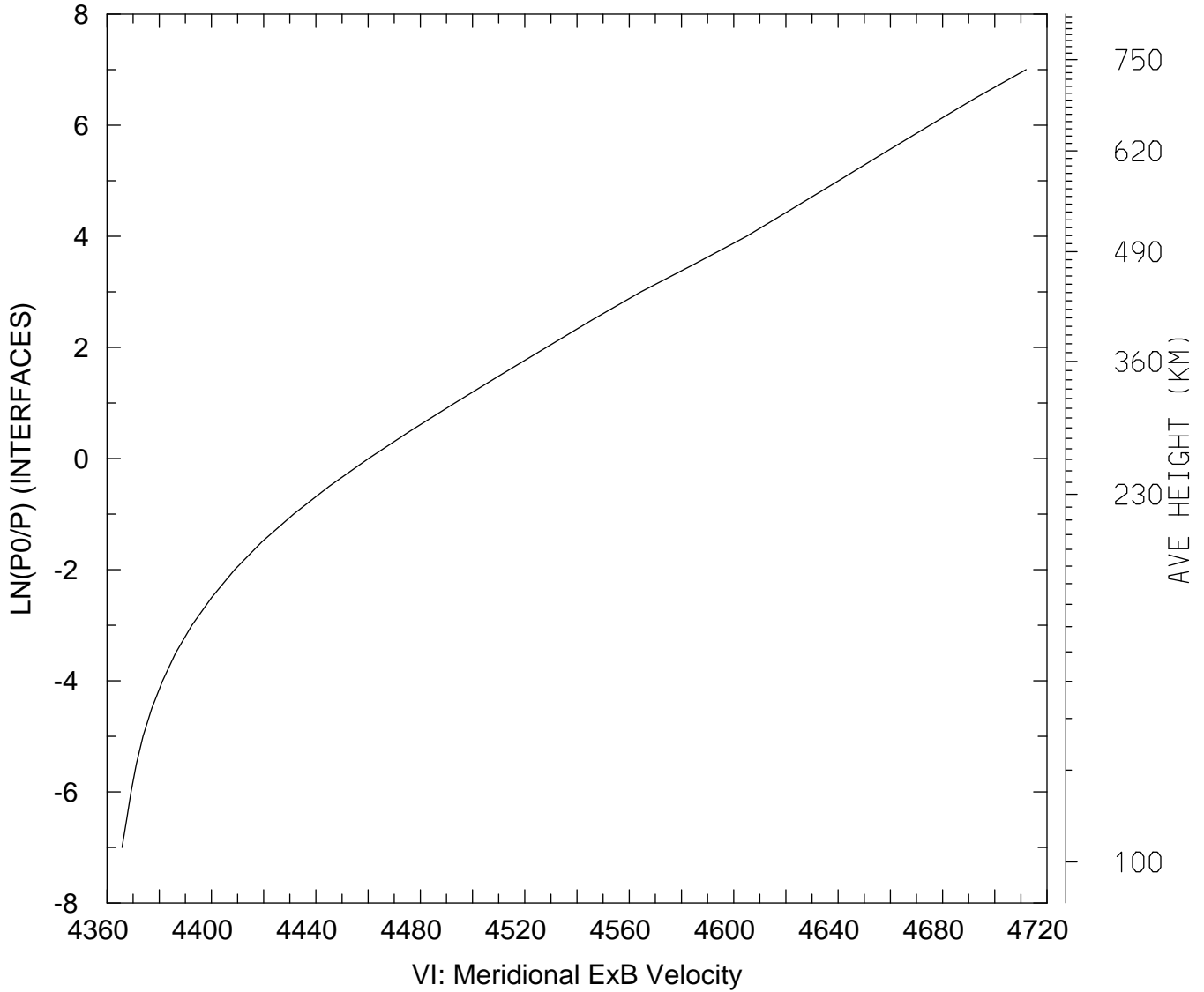
MIN,MAX= -1.8515E+03 -1.1145E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 1.3871E+03 1.9946E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

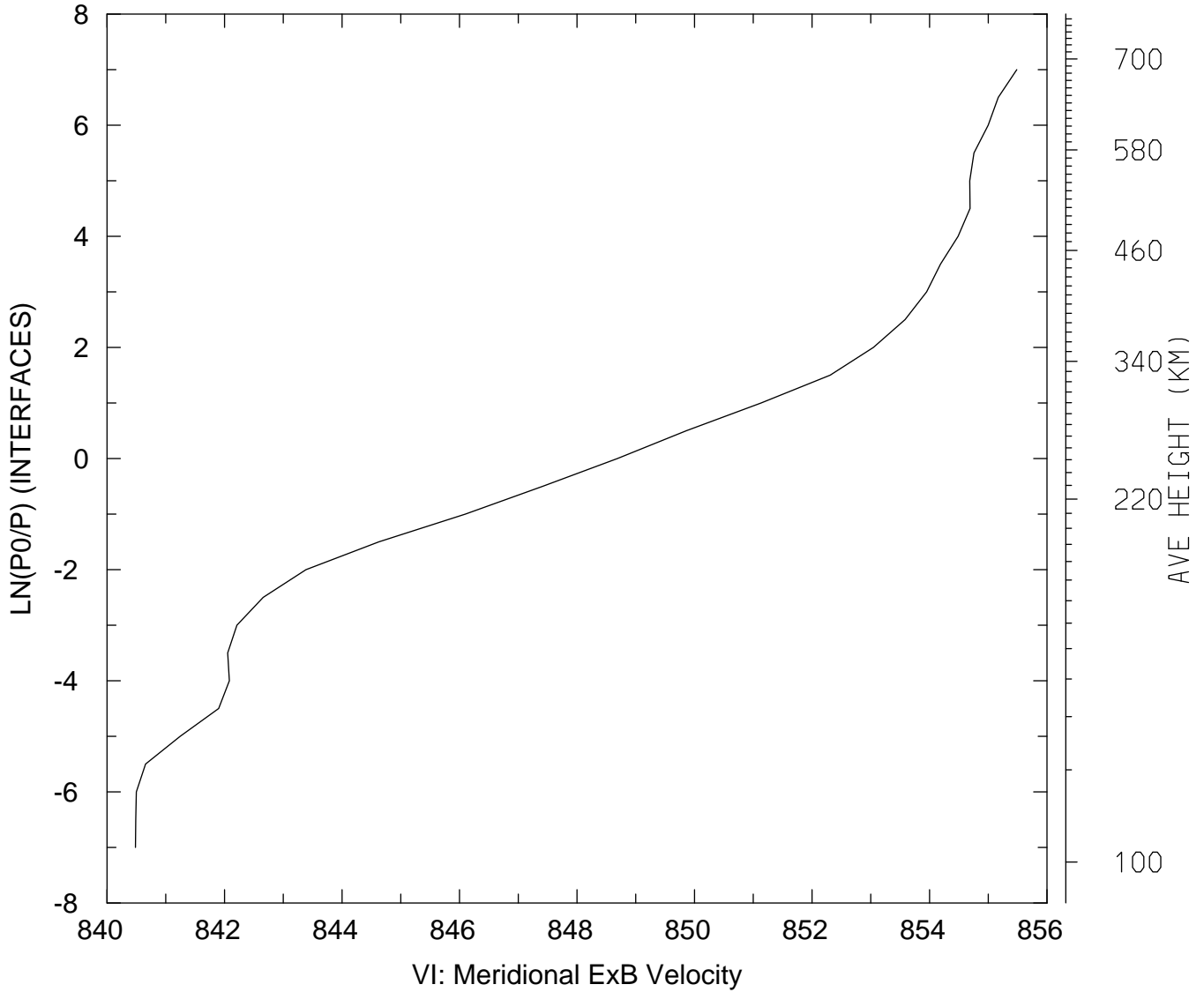
VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



MIN,MAX= 4.3657E+03 4.7120E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

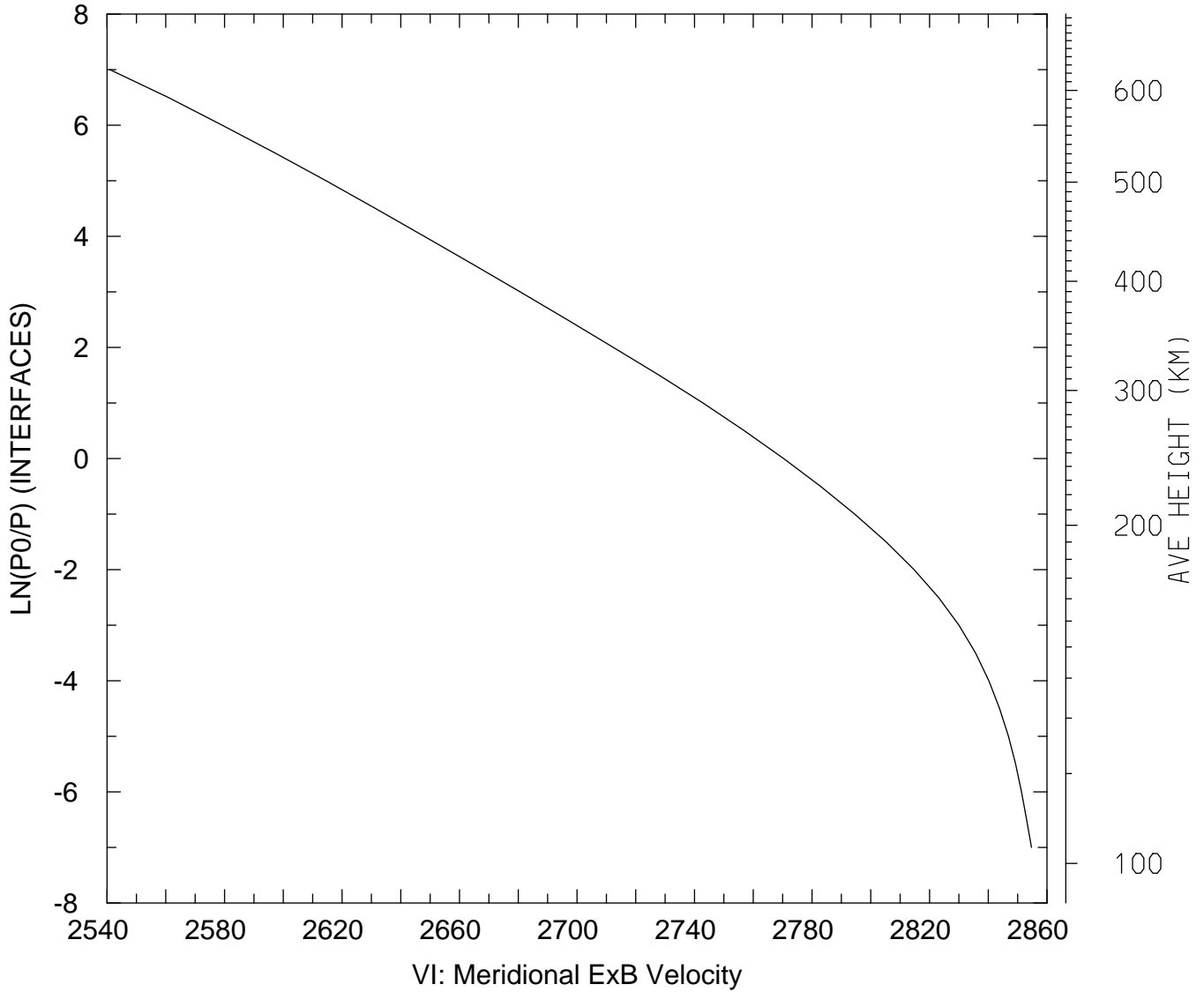


VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



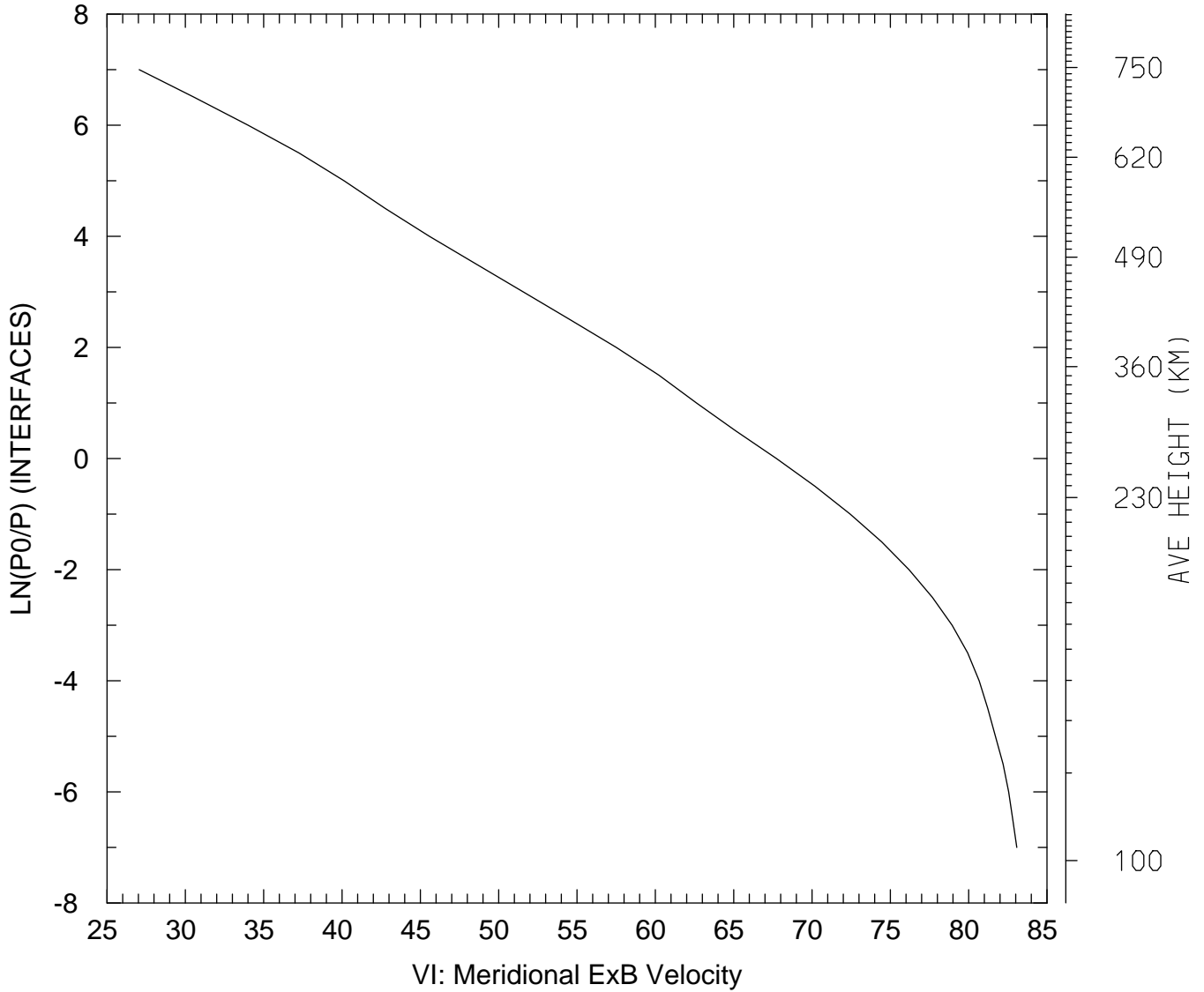
MIN,MAX= 8.4048E+02 8.5549E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



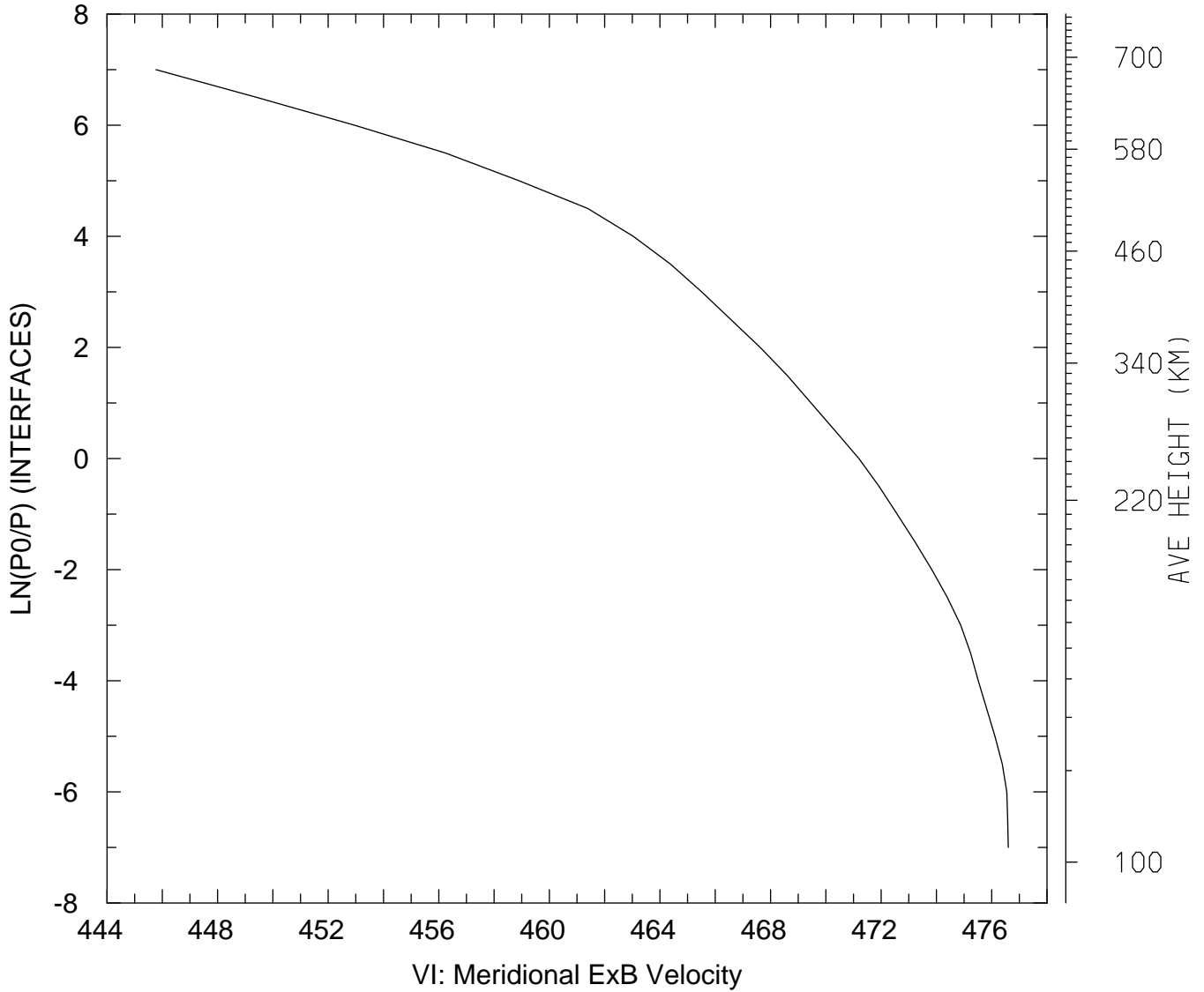
MIN,MAX= 2.5410E+03 2.8547E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



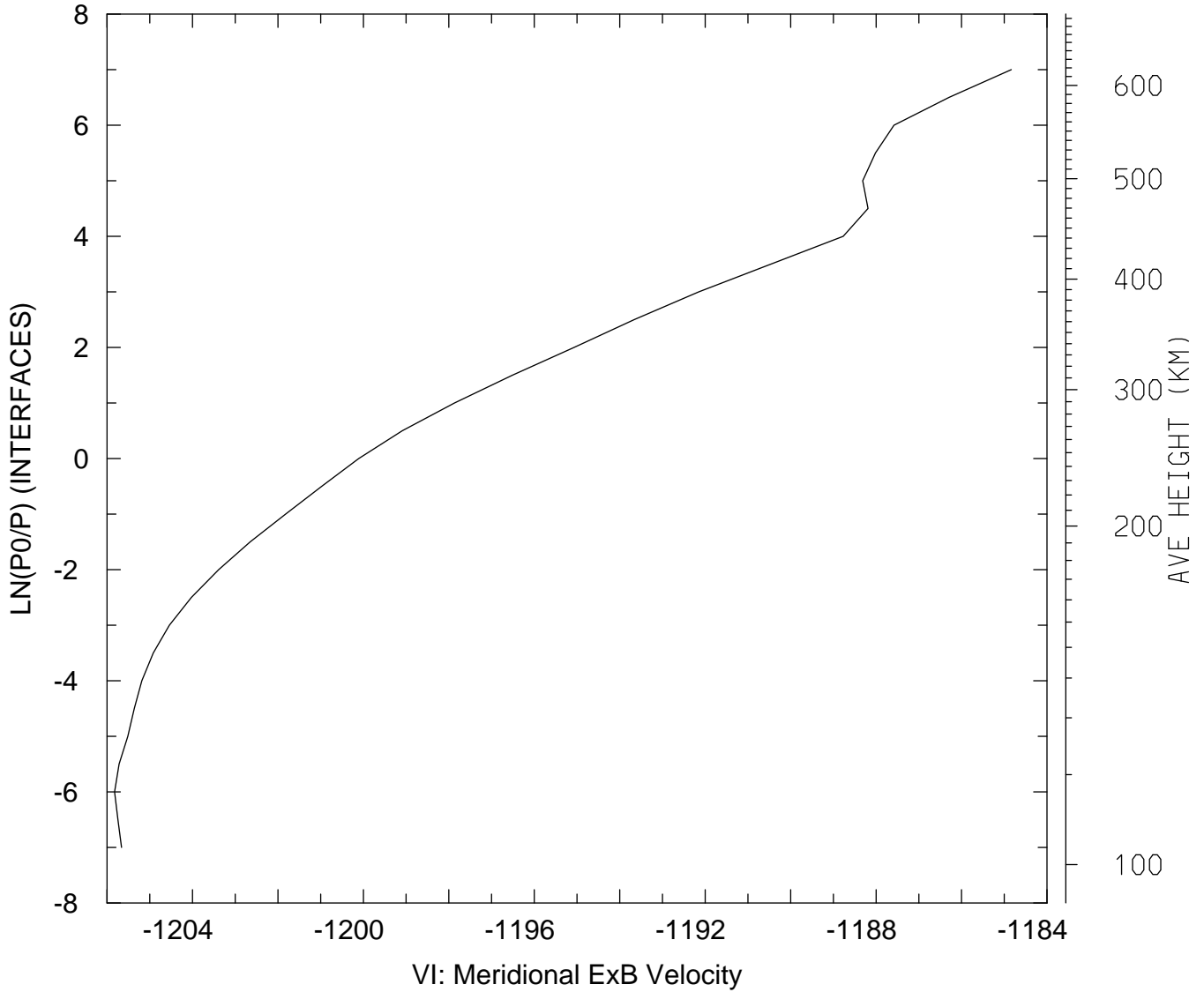
MIN,MAX= 2.7054E+01 8.3073E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



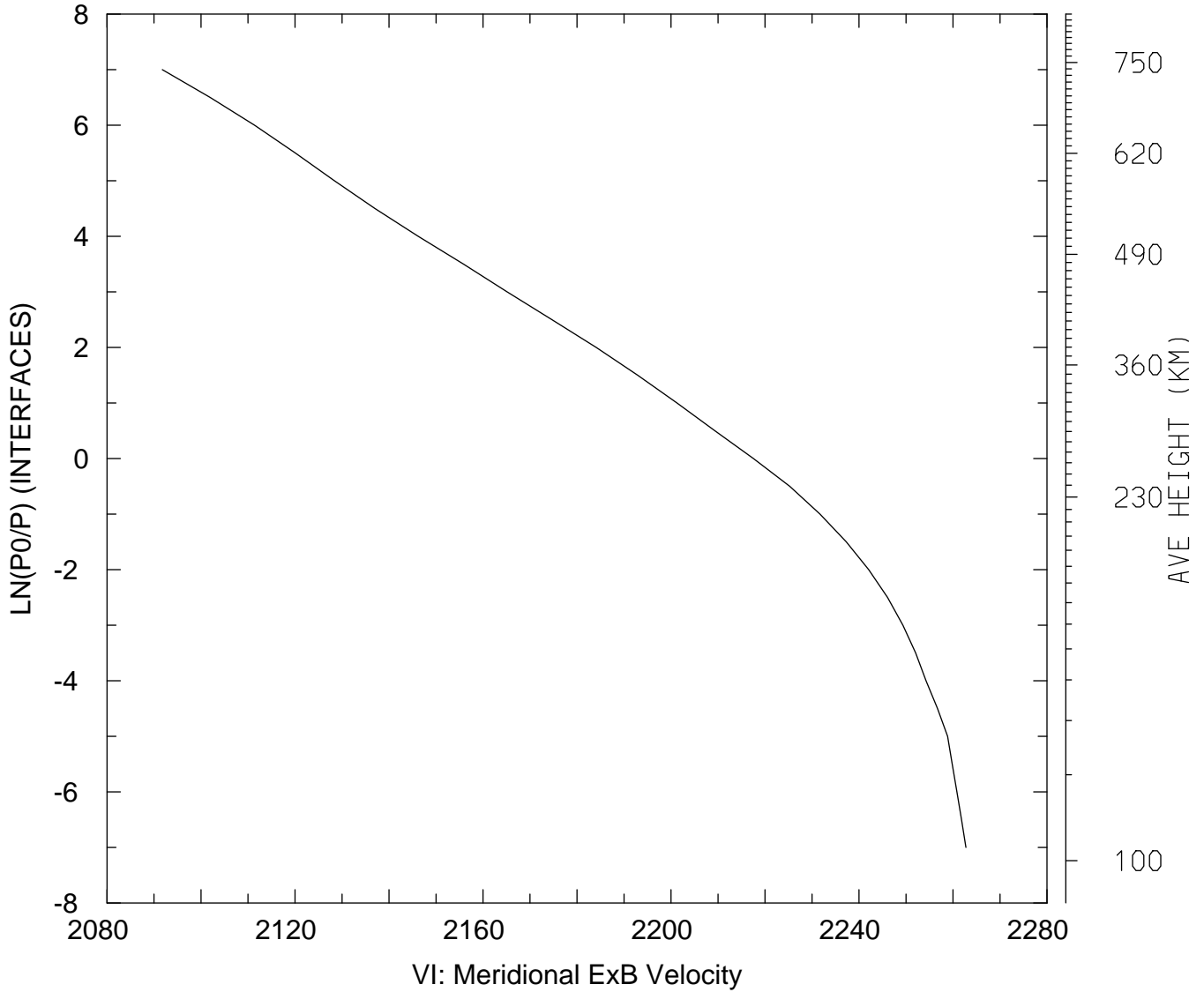
MIN,MAX= 4.4577E+02 4.7660E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



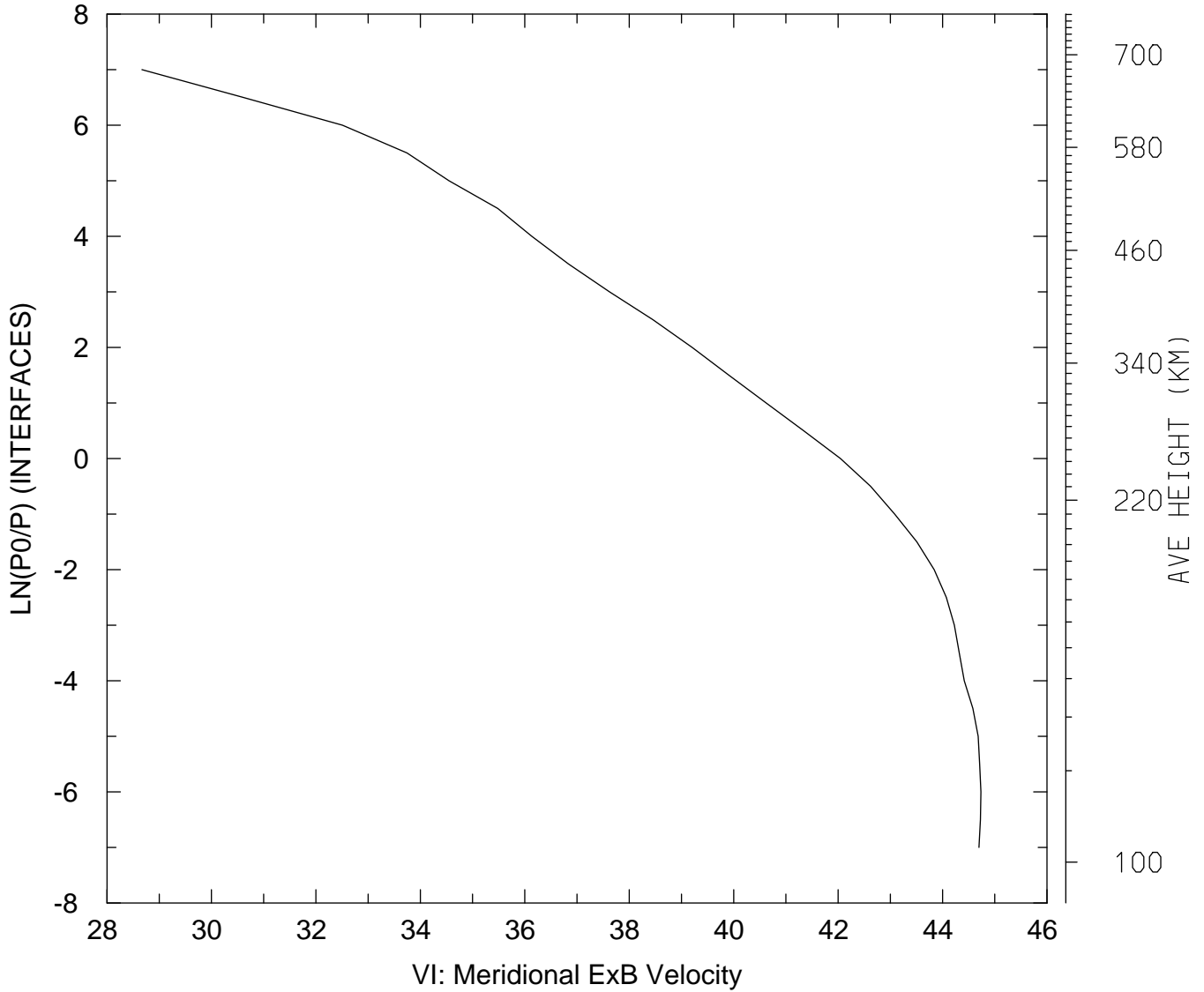
MIN,MAX= -1.2058E+03 -1.1848E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS)



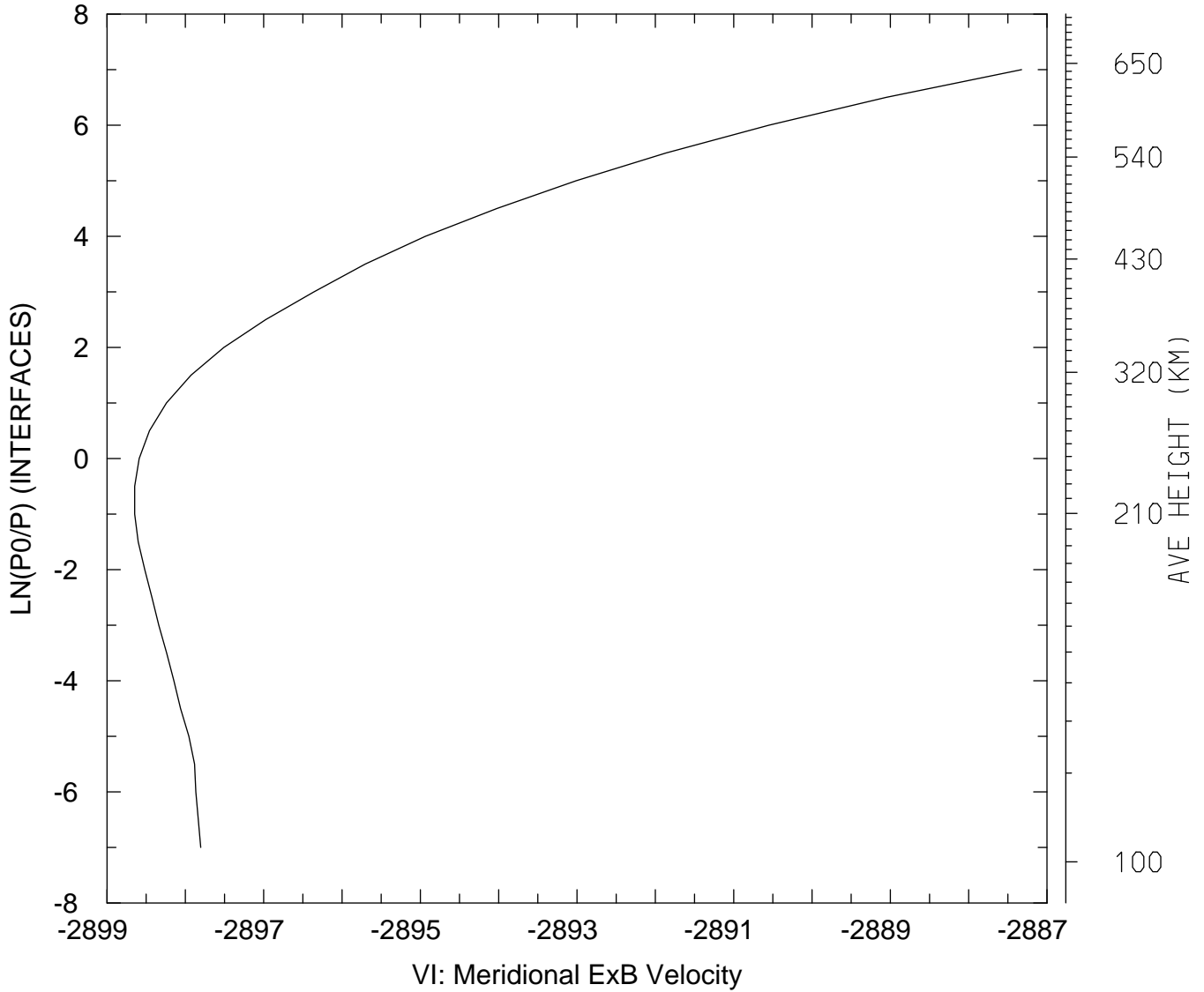
MIN,MAX= 2.0918E+03 2.2627E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 2.8668E+01 4.4735E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

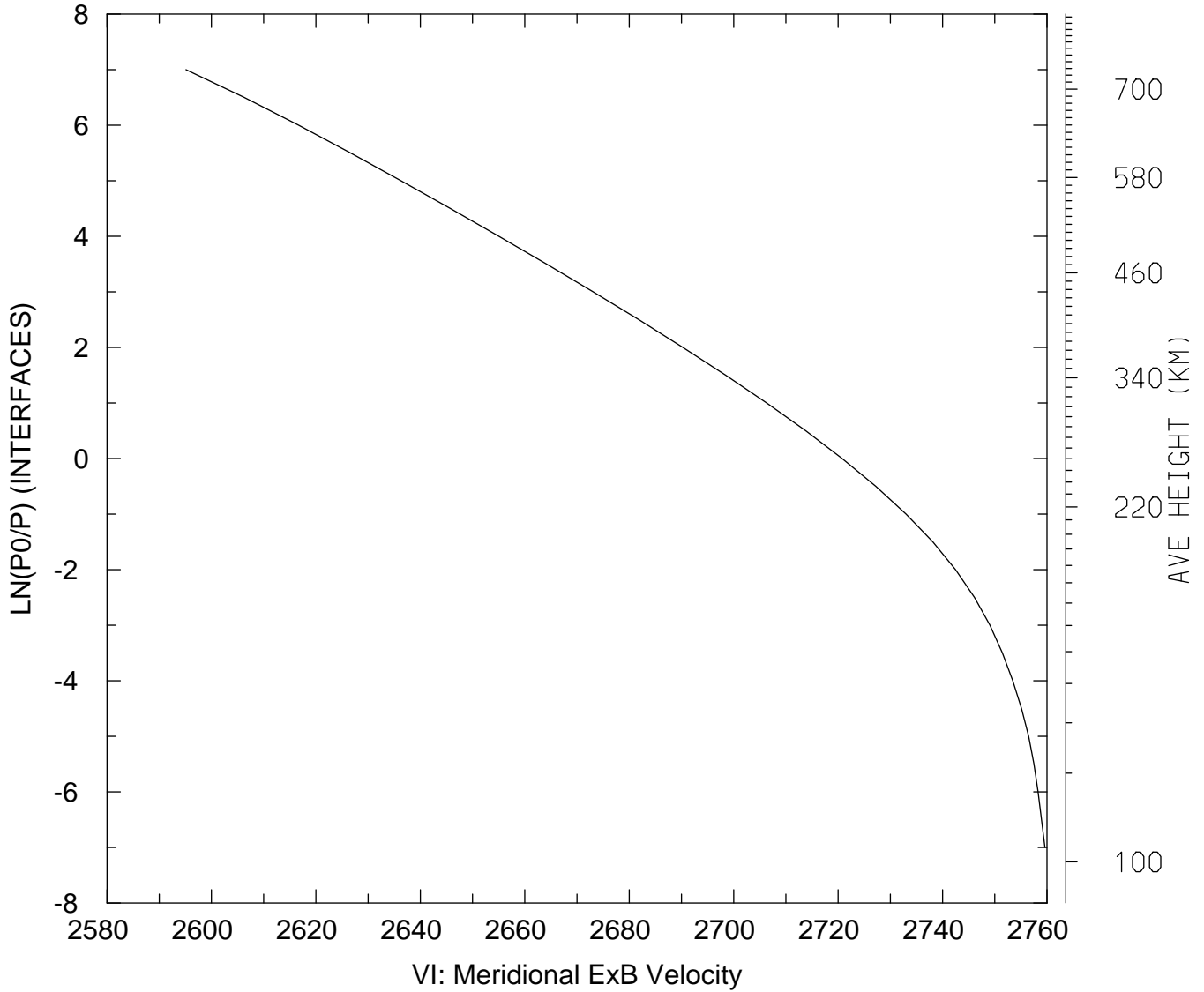
VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



MIN,MAX= -2.8986E+03 -2.8873E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

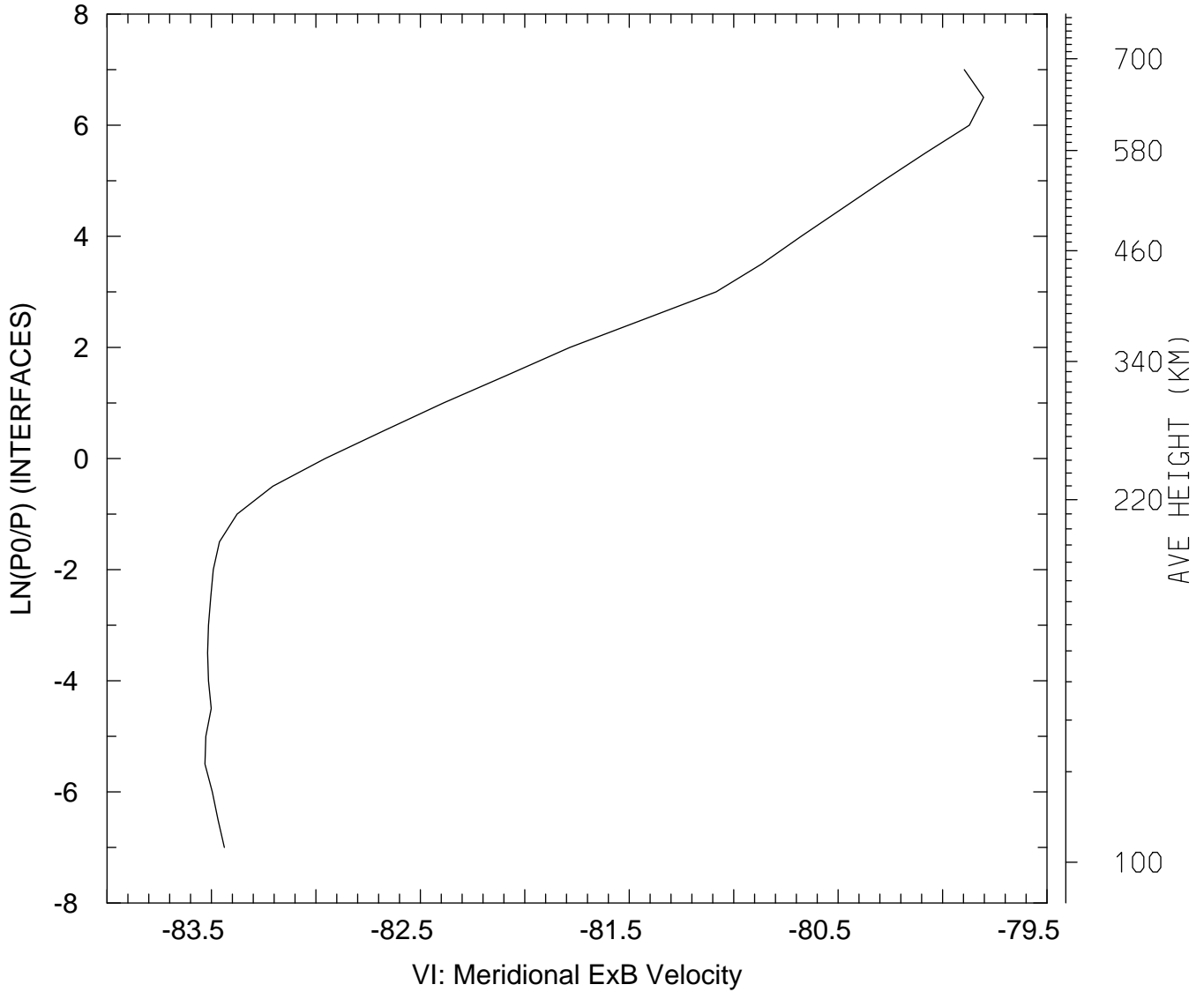


VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



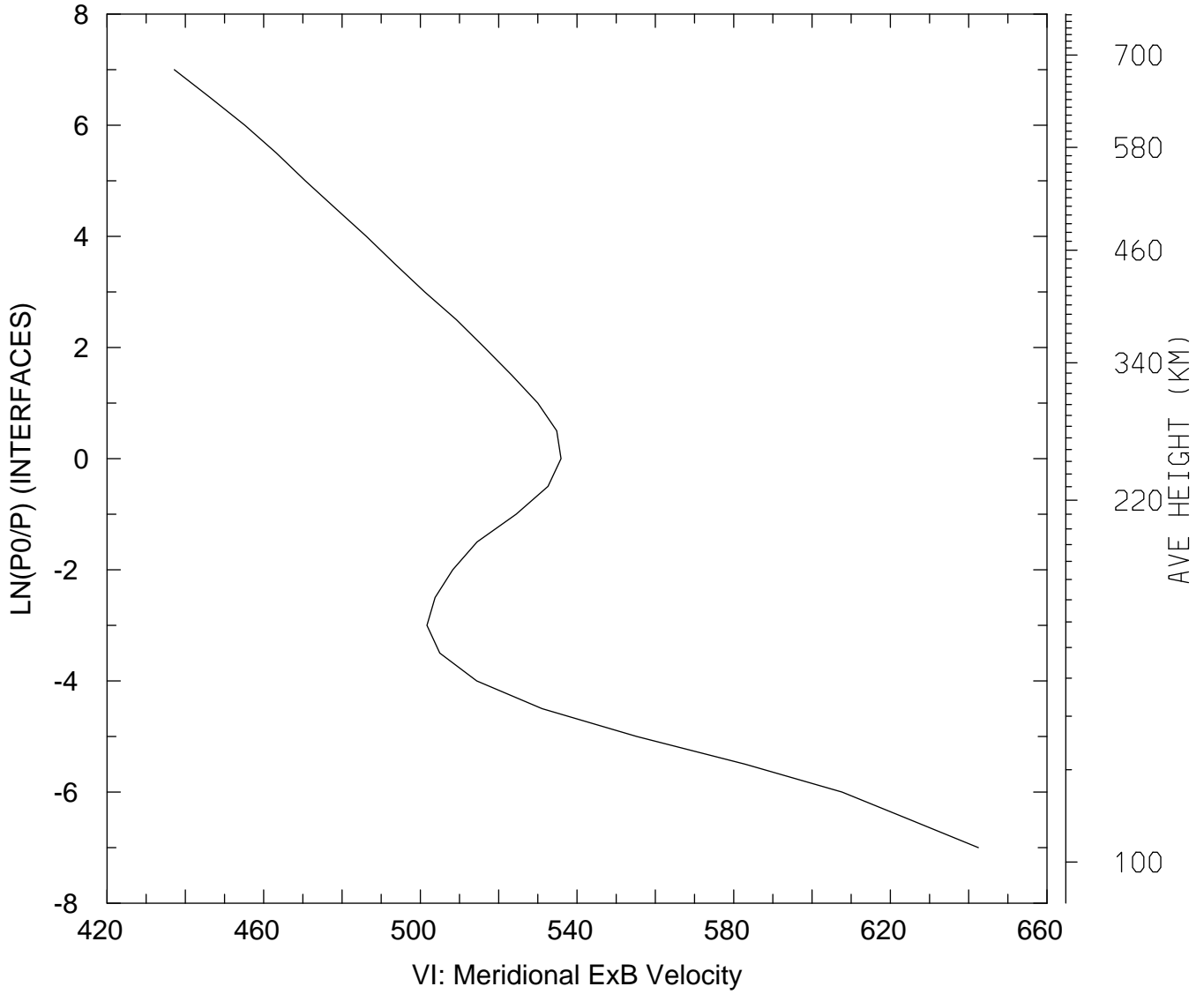
MIN,MAX= 2.5951E+03 2.7596E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



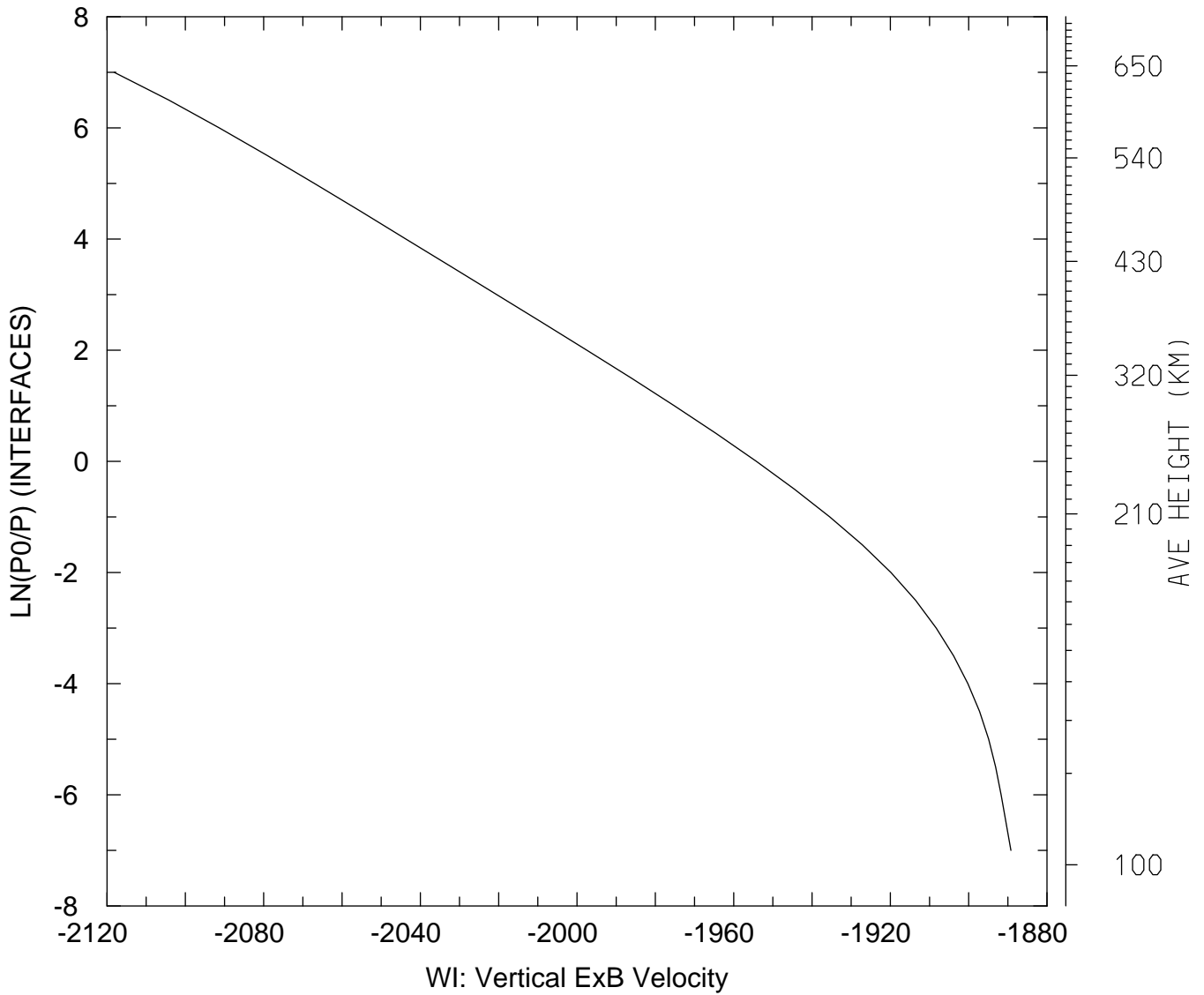
MIN,MAX= -8.3531E+01 -7.9804E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



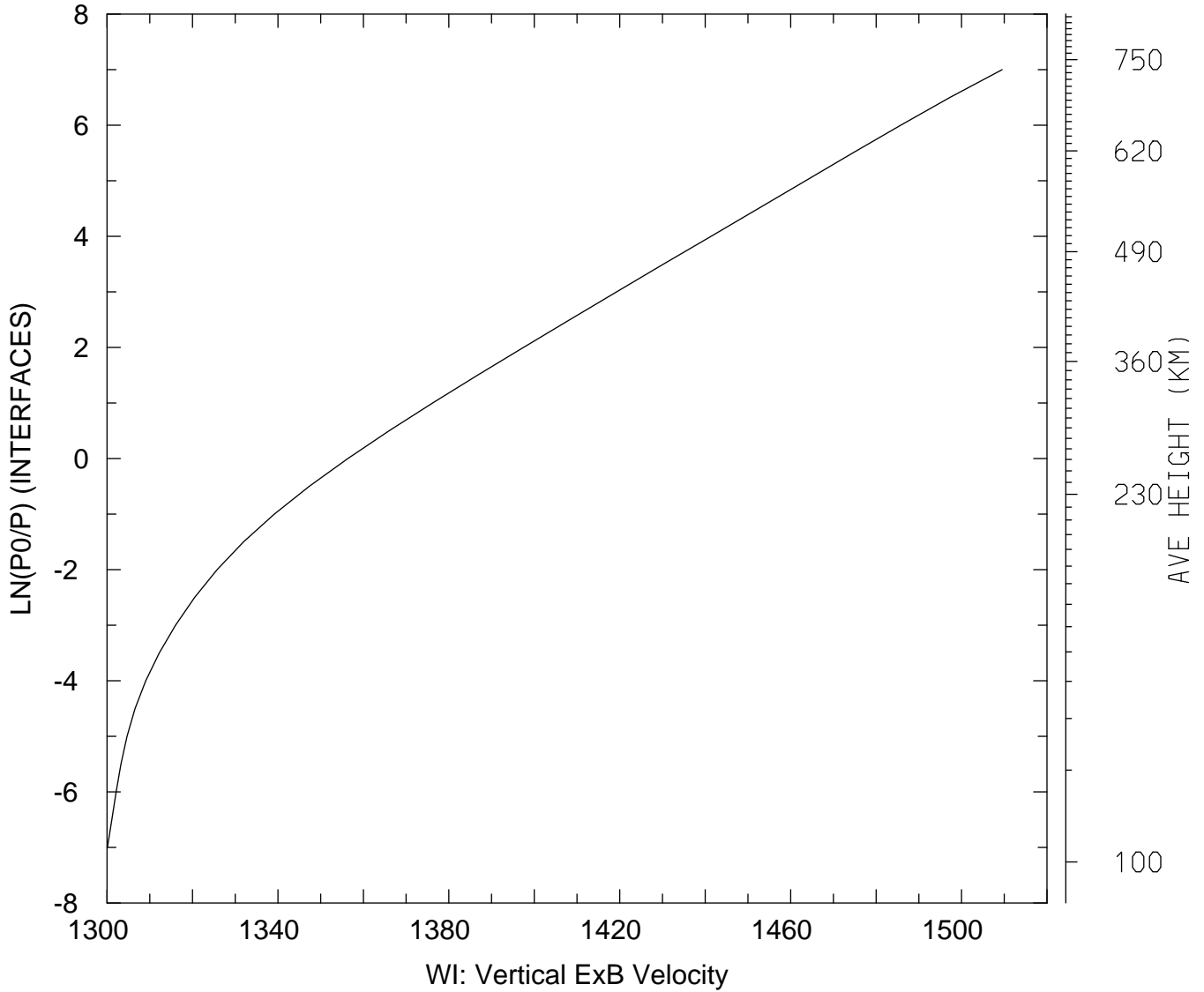
MIN,MAX= 4.3718E+02 6.4246E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



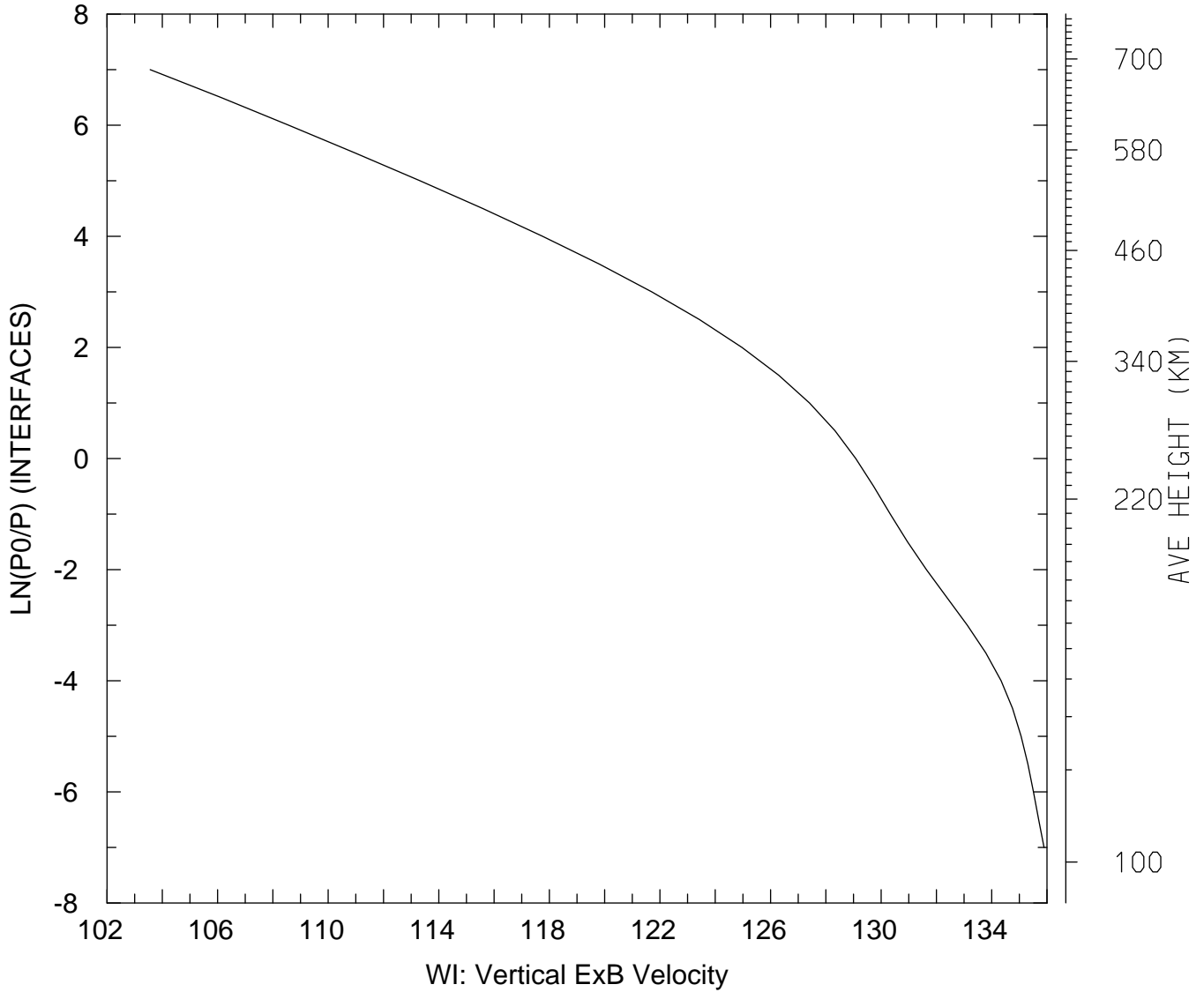
MIN,MAX= -2.1182E+03 -1.8892E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS)



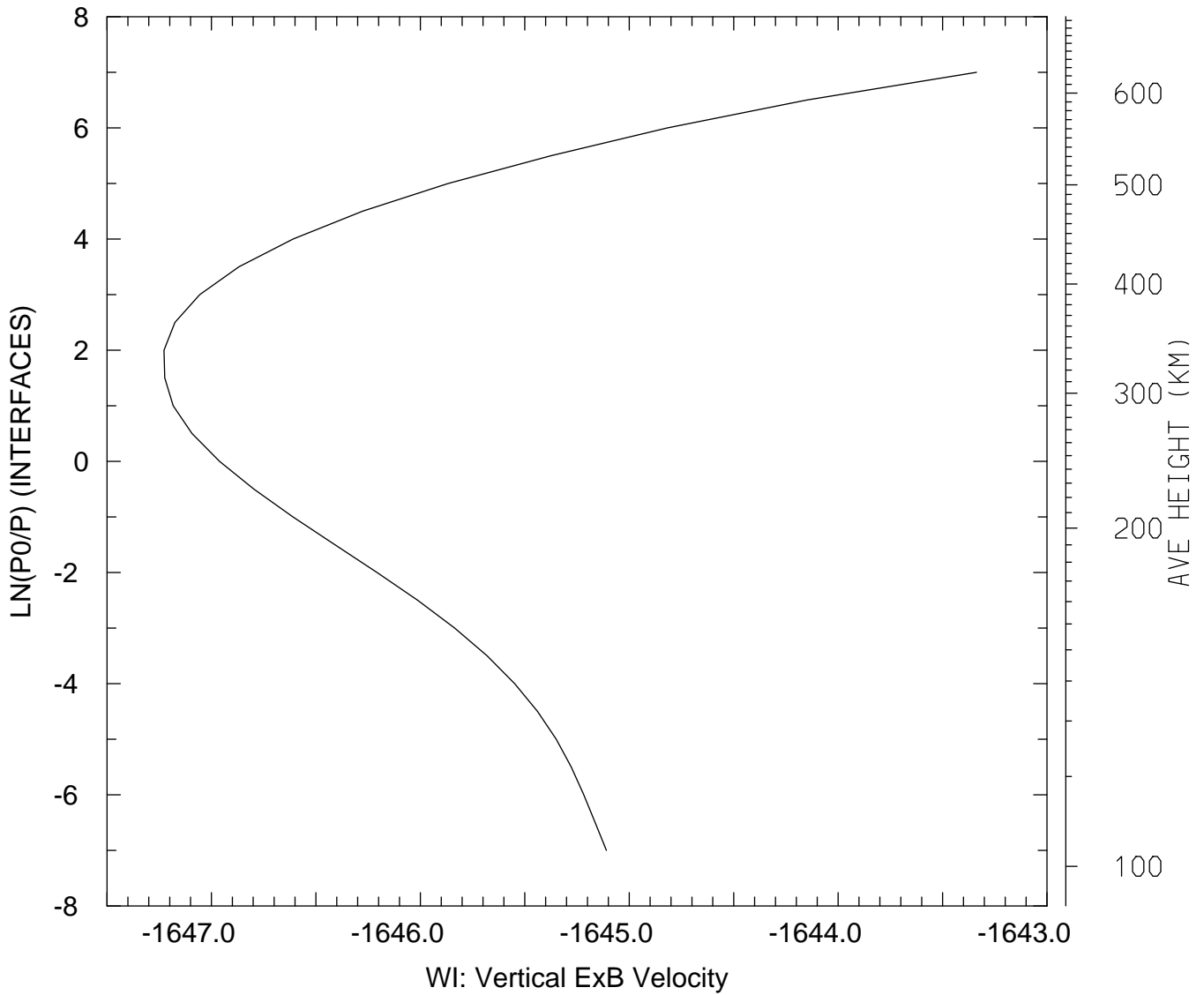
MIN,MAX= 1.3001E+03 1.5095E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



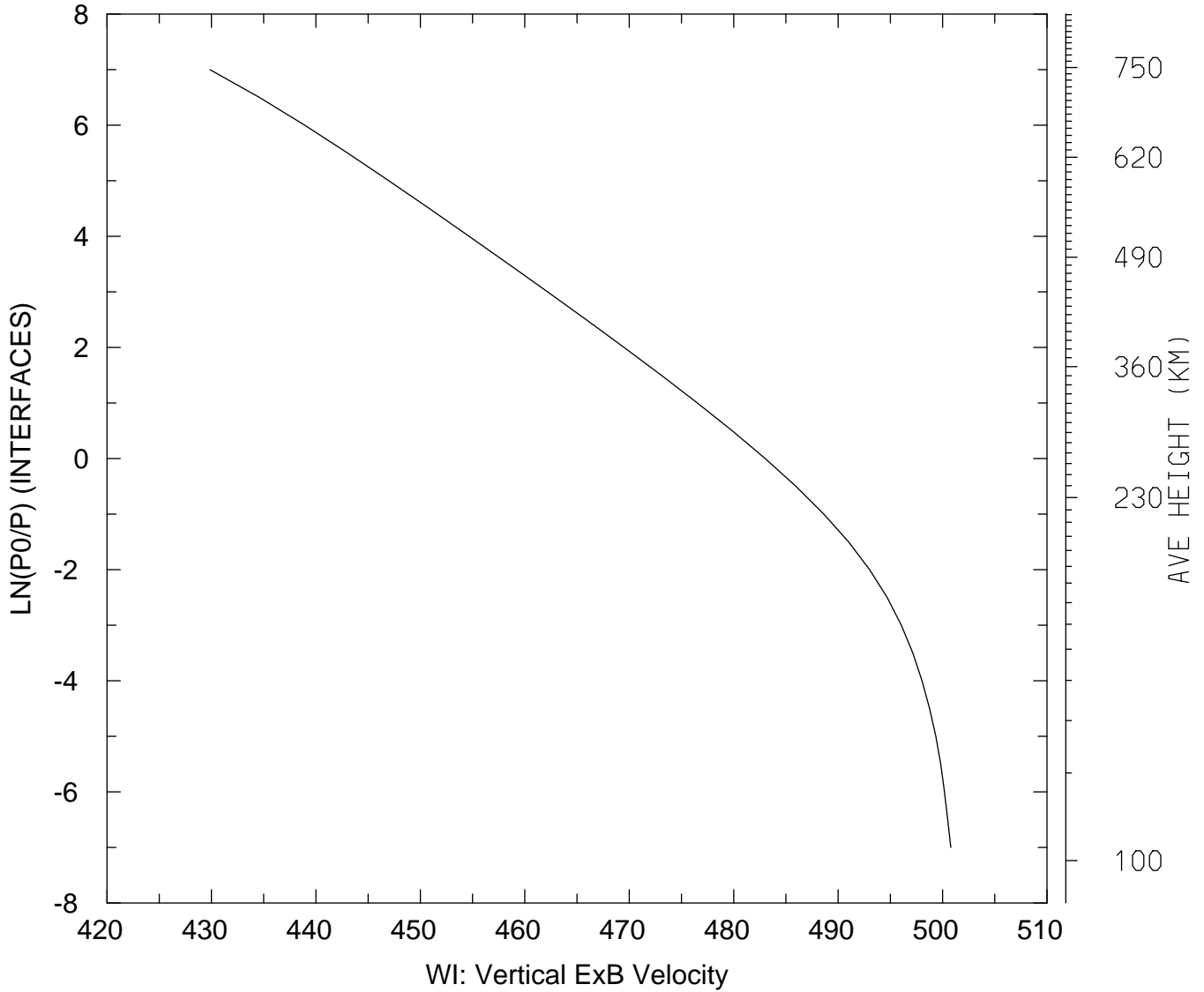
MIN,MAX= 1.0356E+02 1.3589E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= -1.6472E+03 -1.6433E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

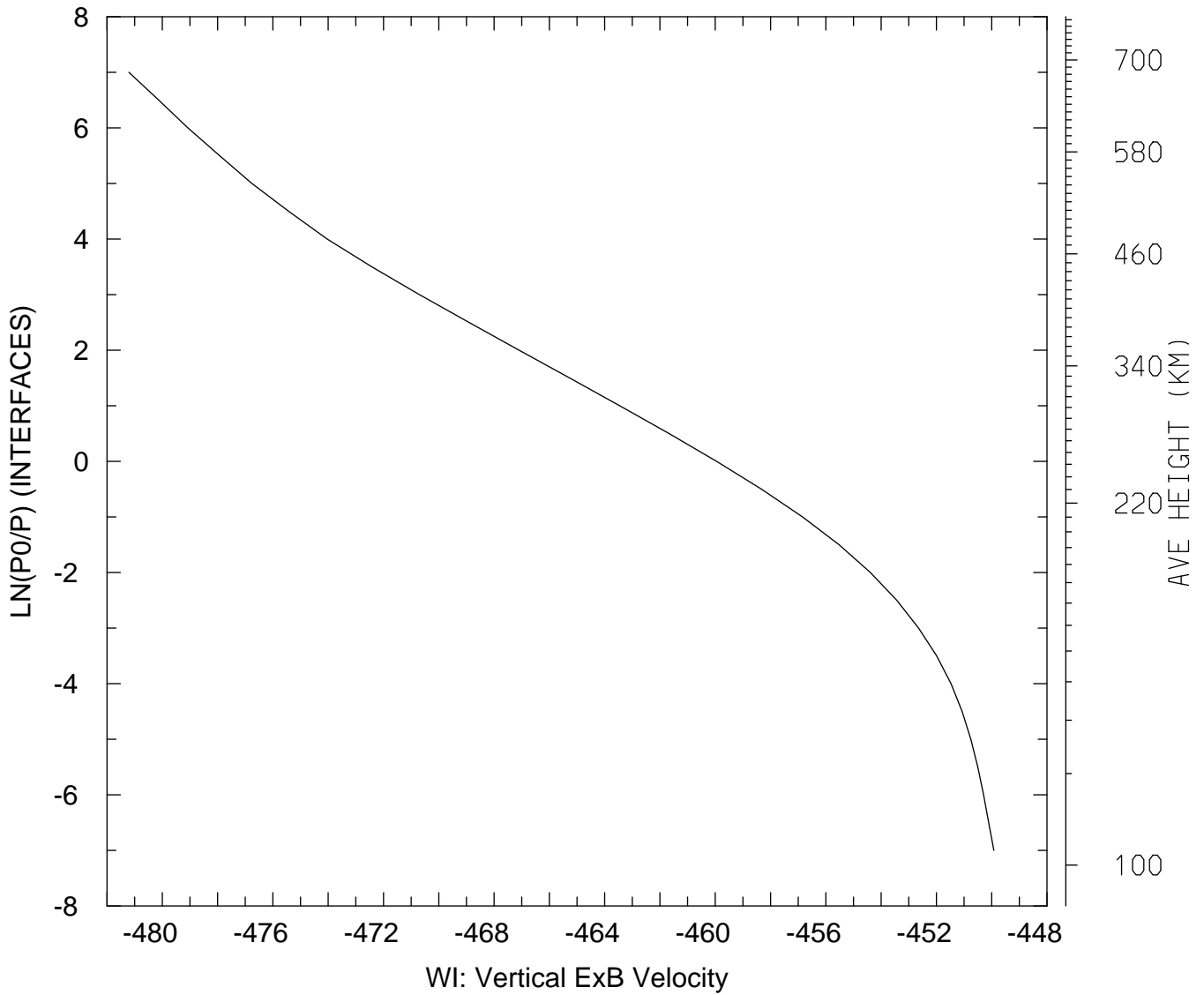
WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS)



MIN,MAX= 4.2985E+02 5.0079E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

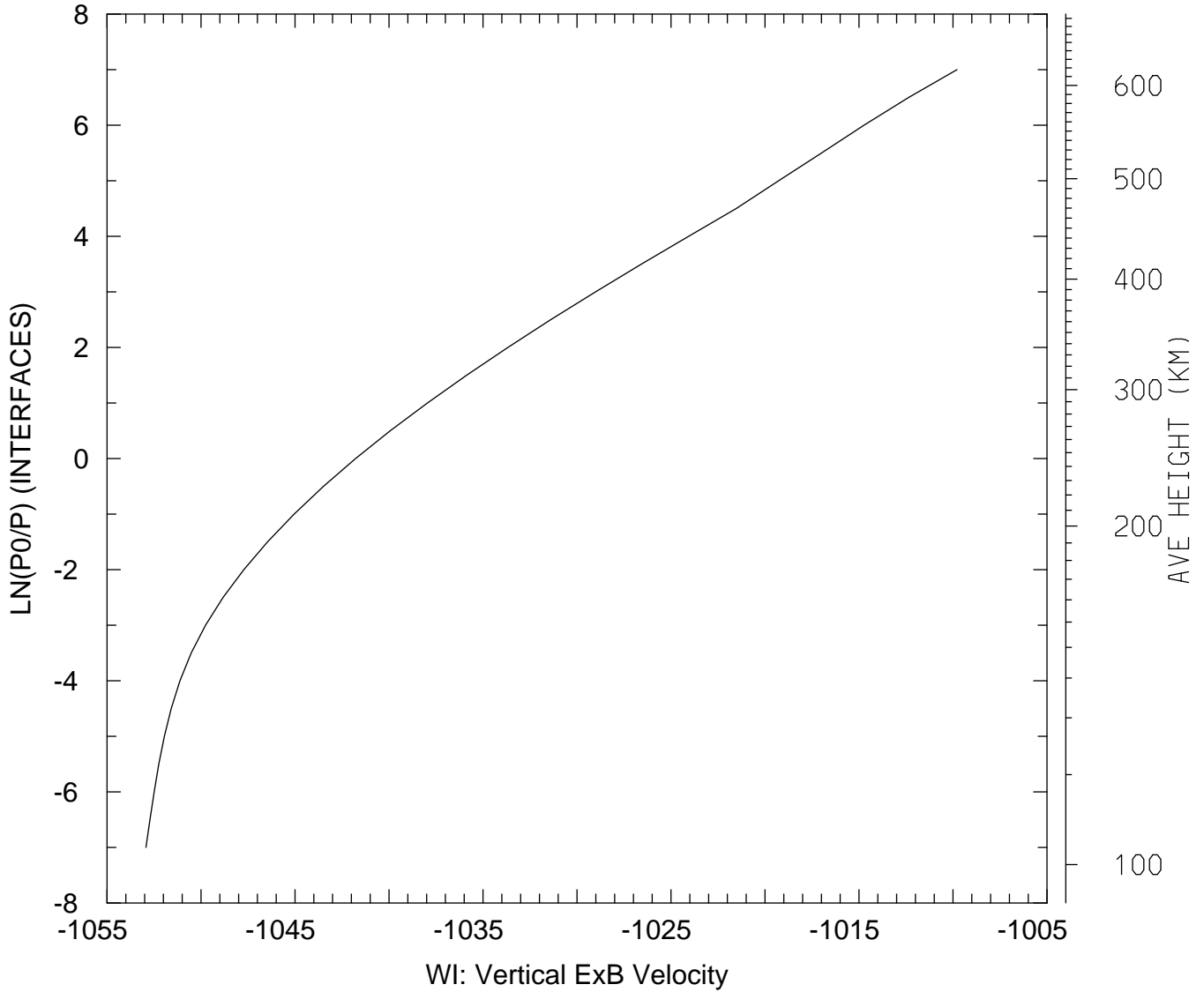


WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



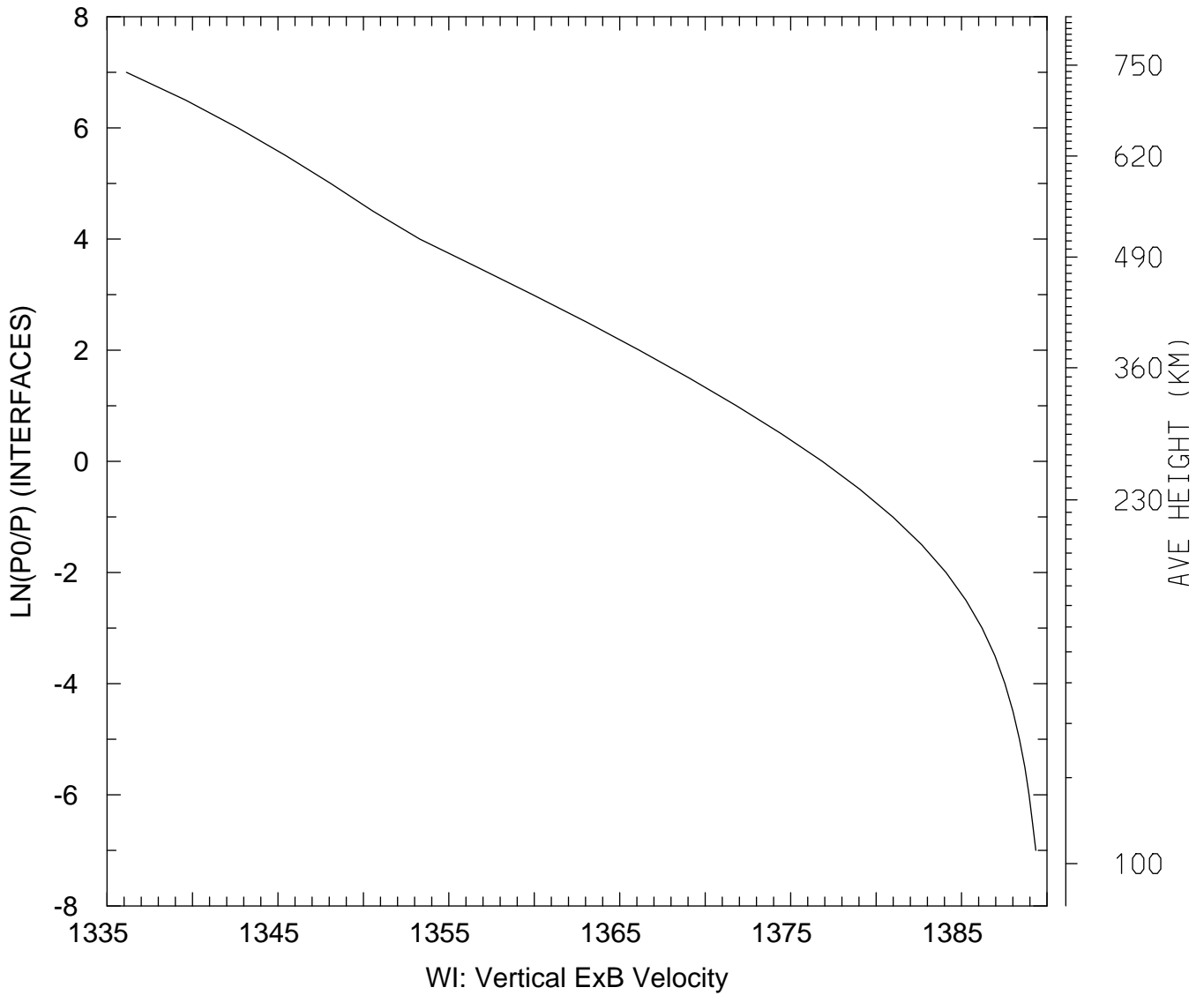
MIN,MAX= -4.8121E+02 -4.4992E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



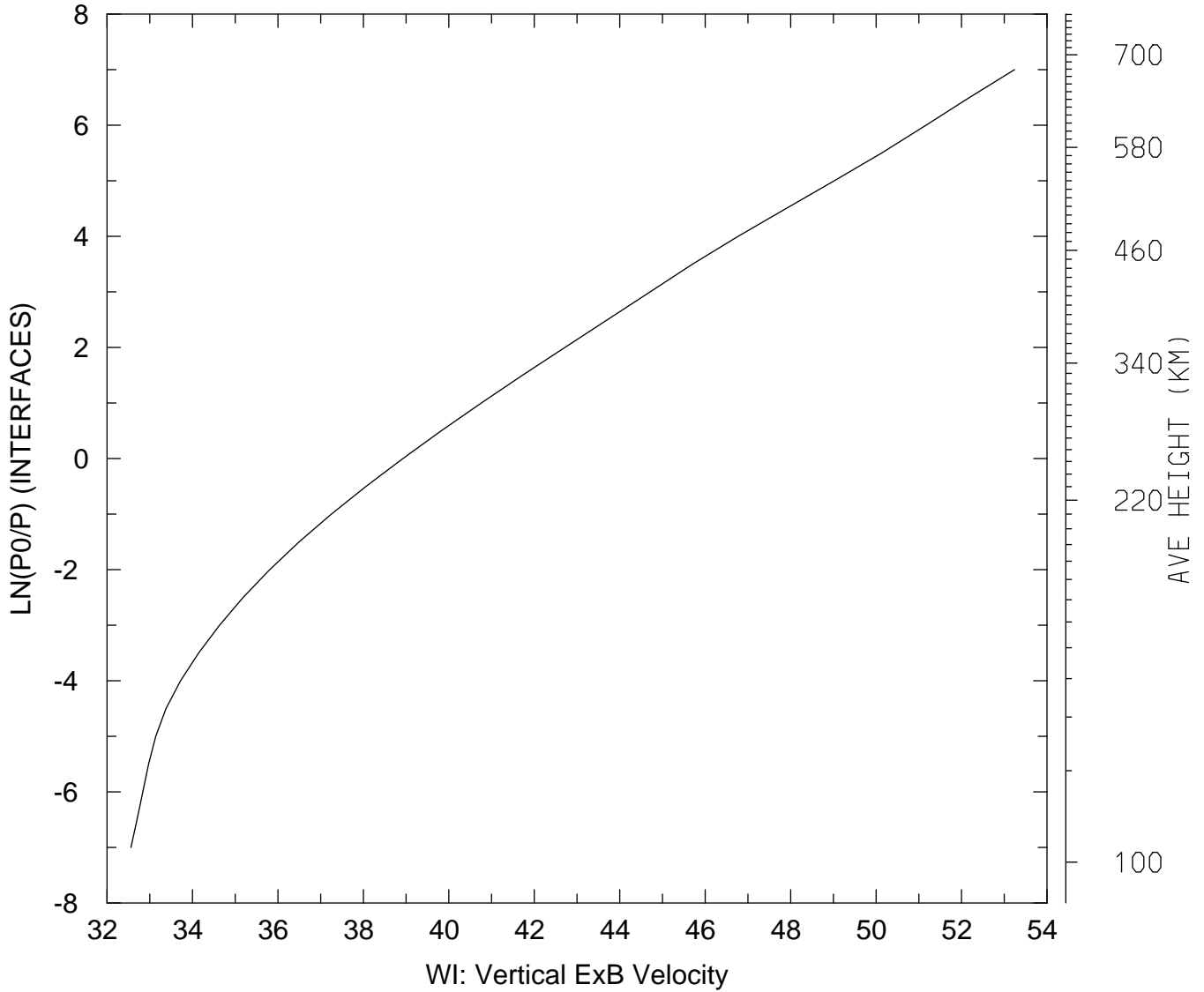
MIN,MAX= -1.0529E+03 -1.0098E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS)



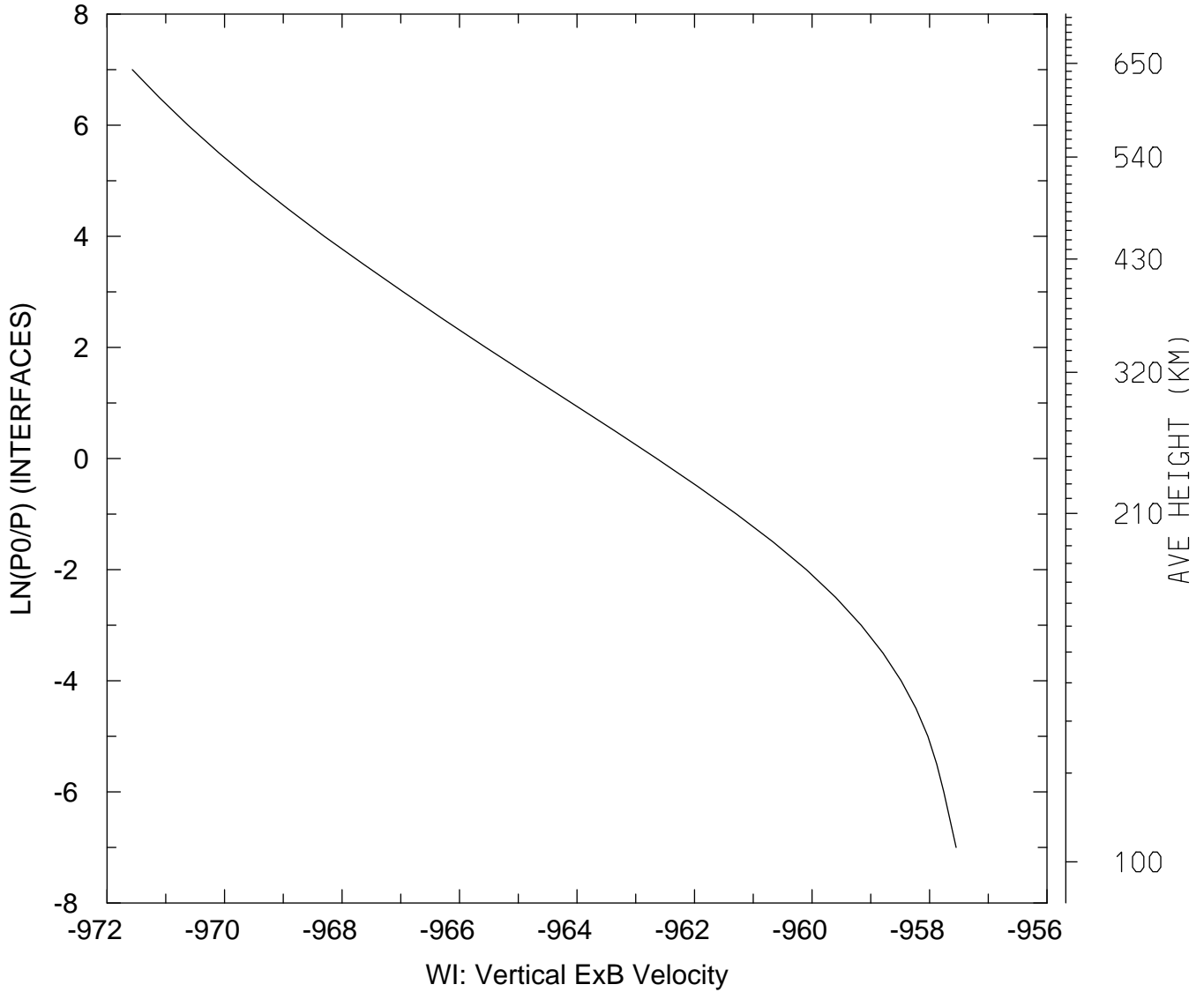
MIN,MAX= 1.3361E+03 1.3893E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



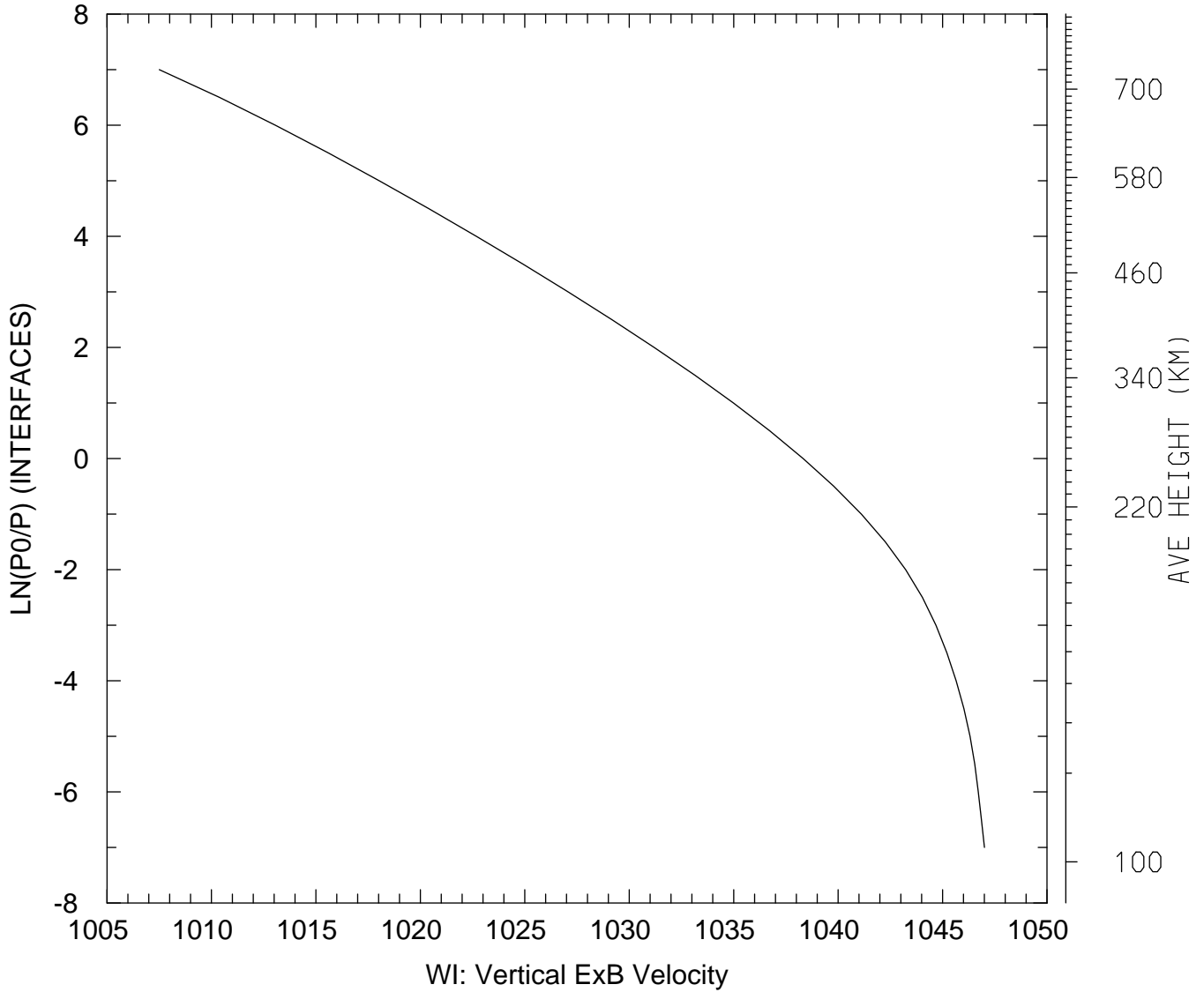
MIN,MAX= 3.2559E+01 5.3239E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



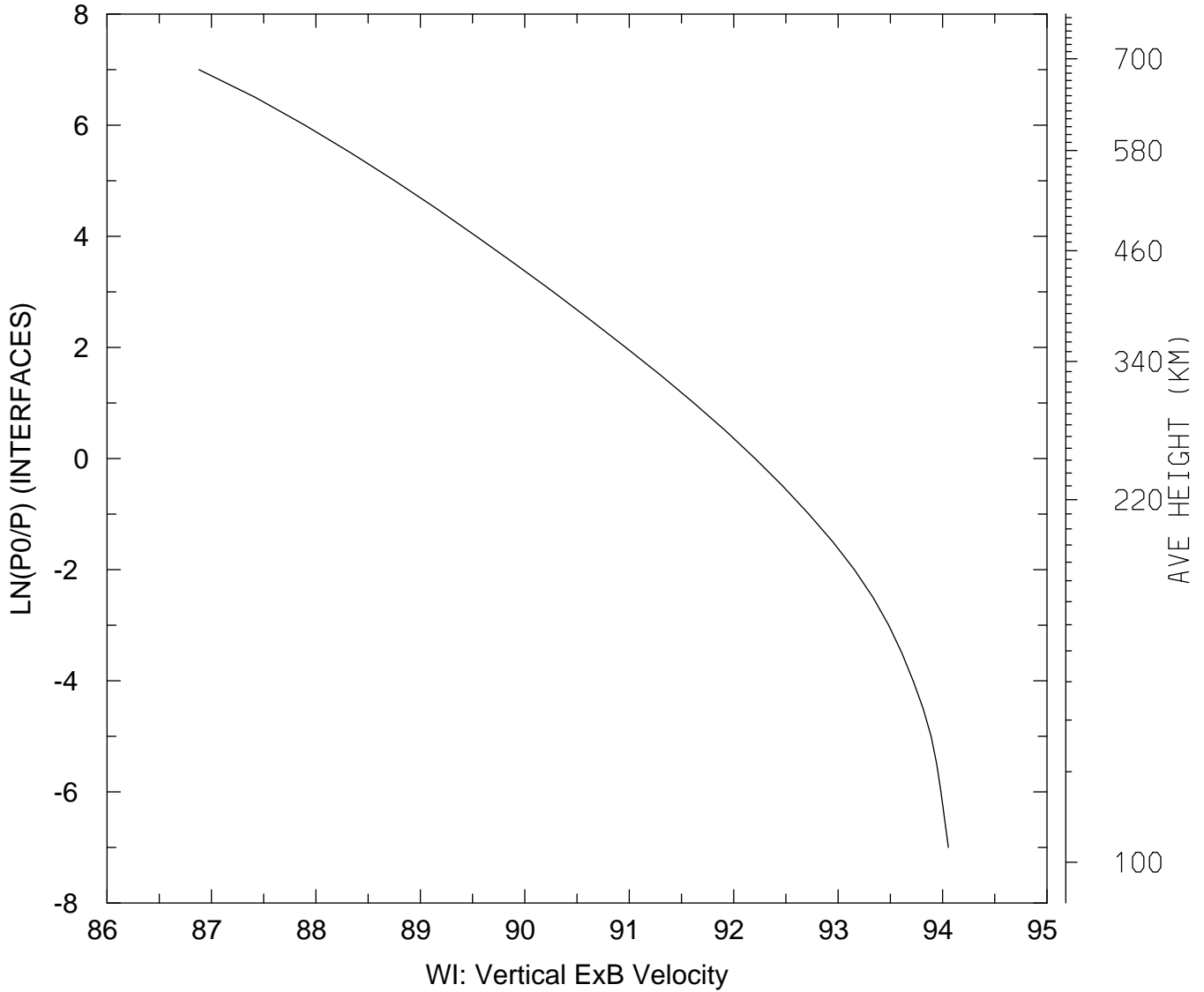
MIN,MAX= -9.7157E+02 -9.5755E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



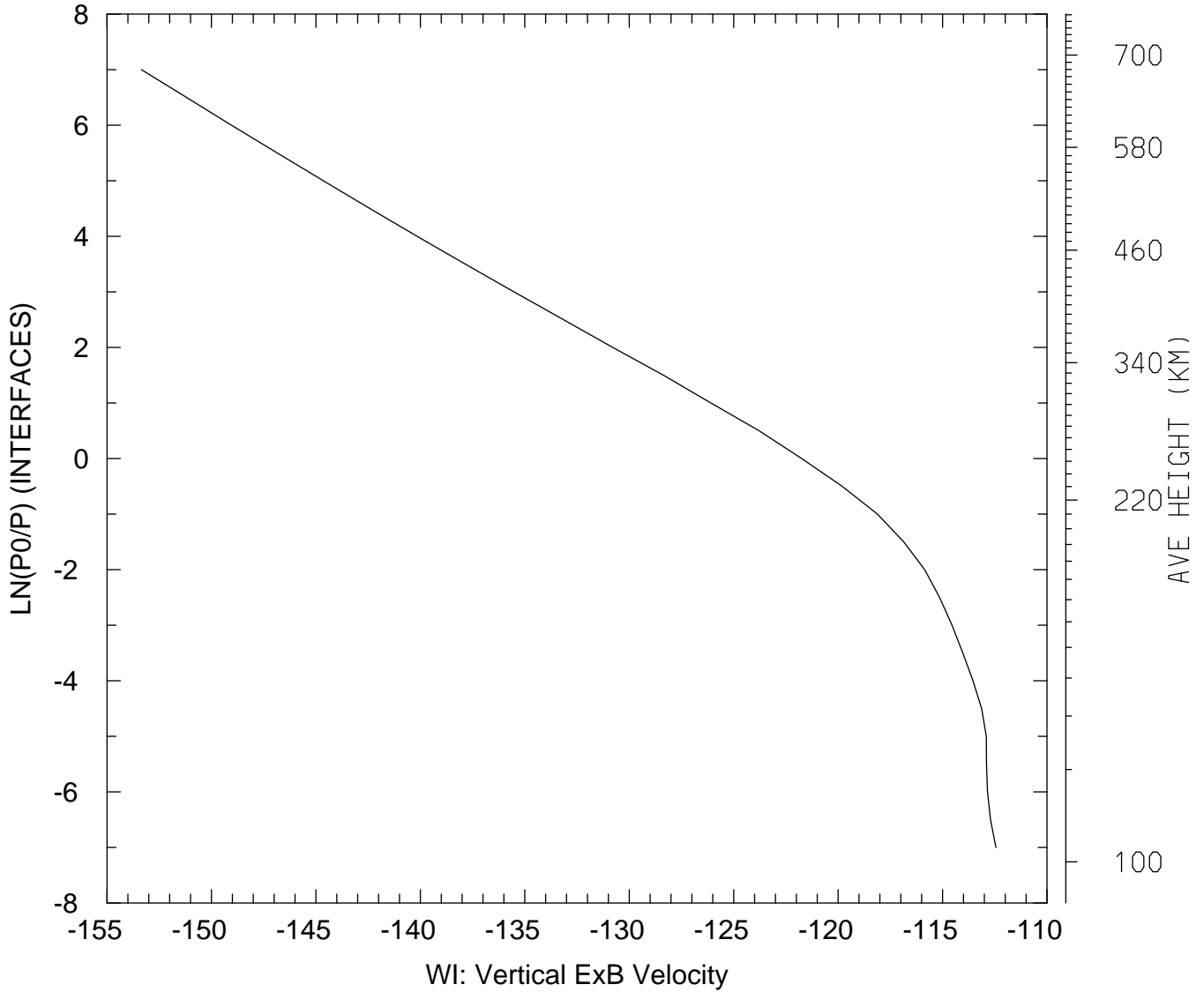
MIN,MAX= 1.0075E+03 1.0470E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 8.6880E+01 9.4056E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

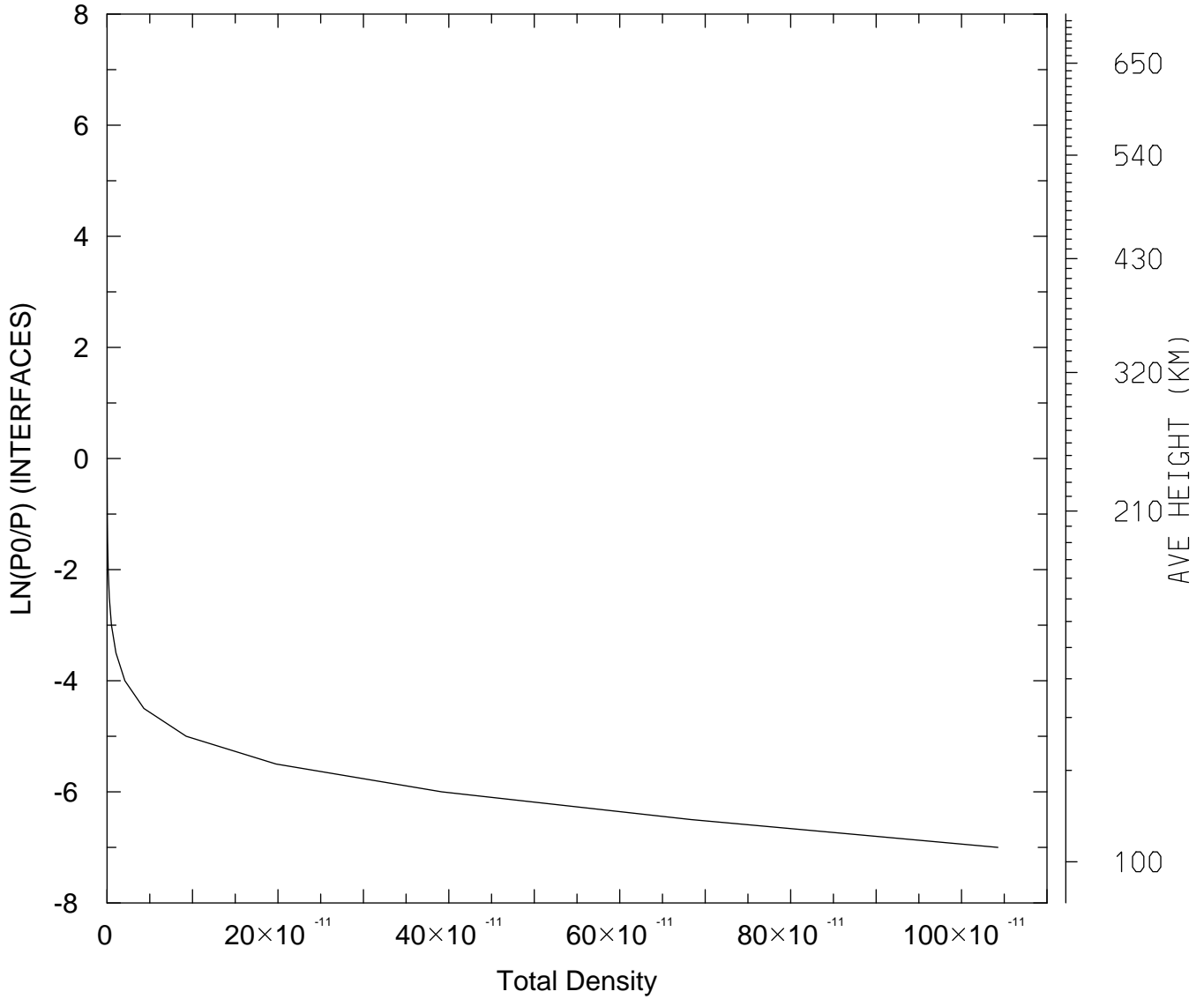
WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 GLOBAL MEANS



MIN,MAX= -1.5335E+02 -1.1244E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

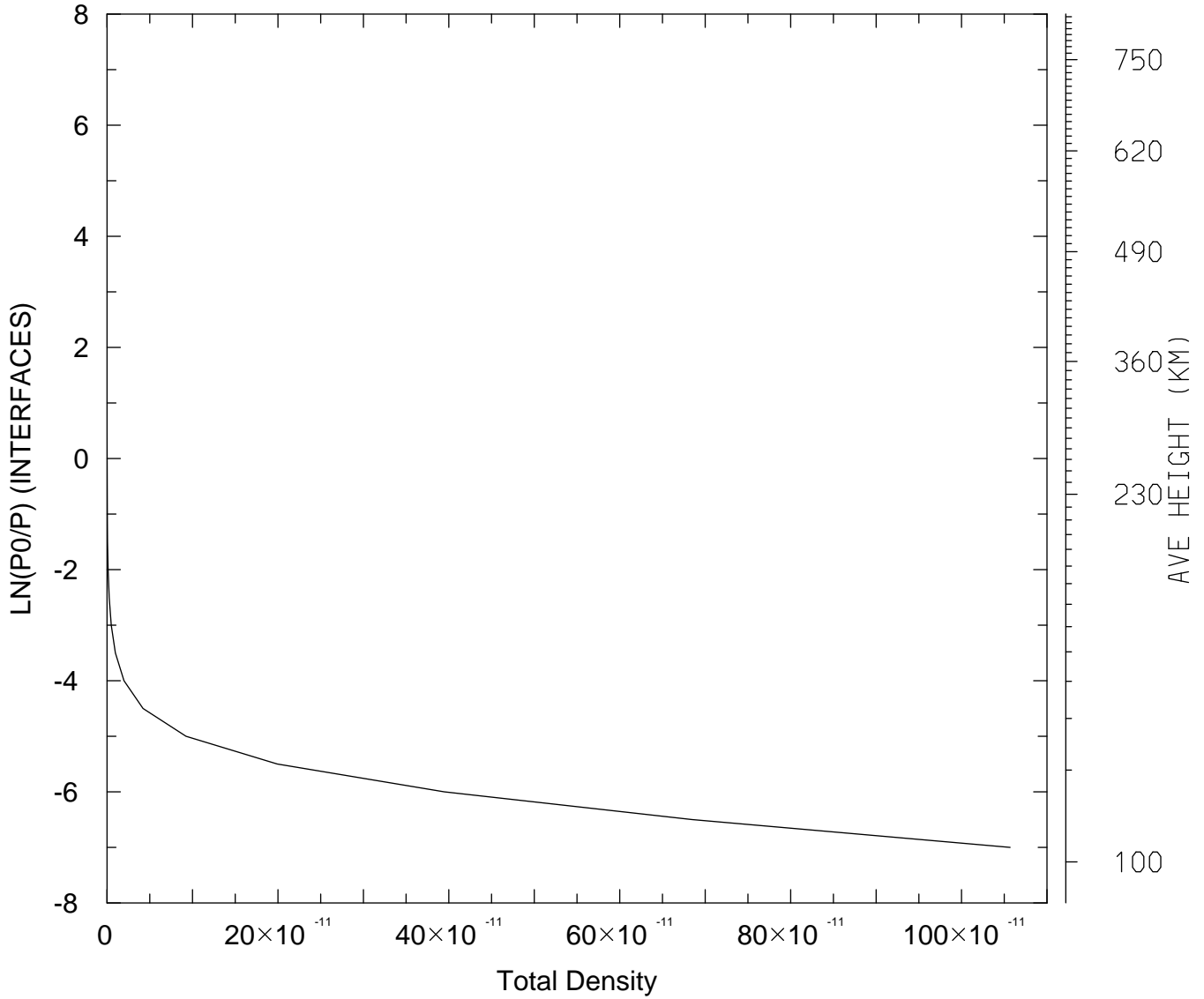


DEN: Total Density (g/cm3)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



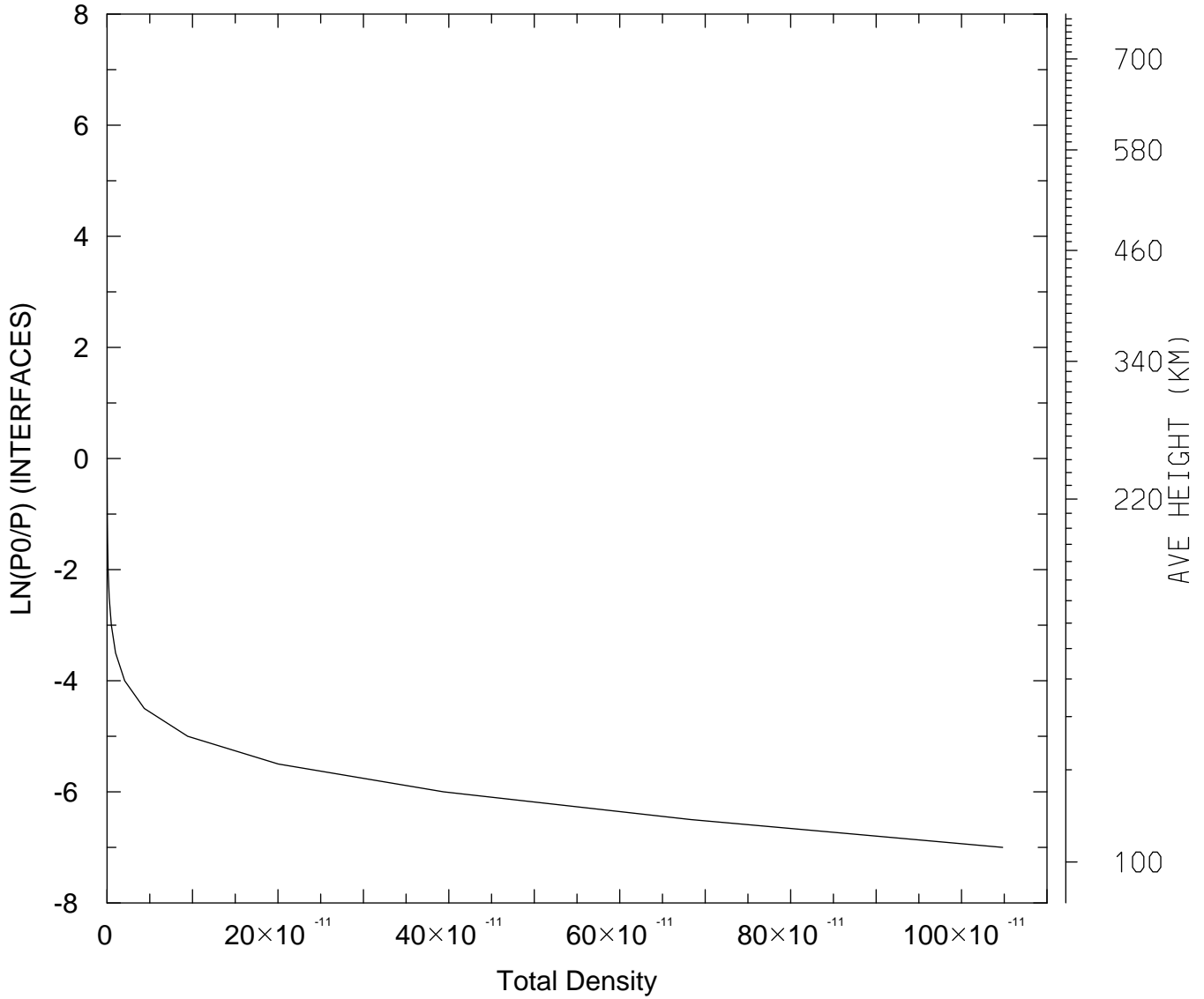
MIN,MAX= 8.5781E-17 1.0425E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



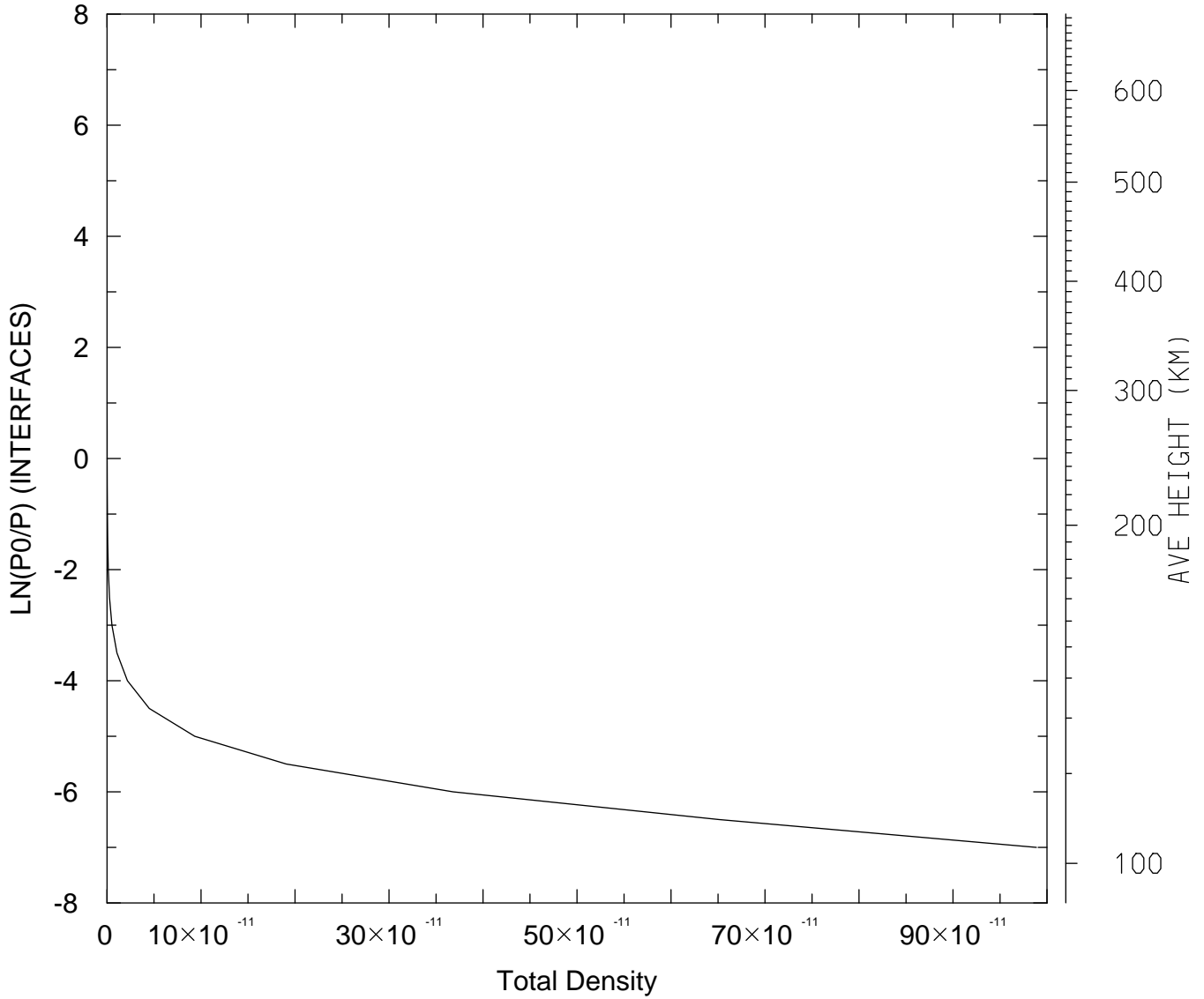
MIN,MAX= 7.6774E-17 1.0569E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



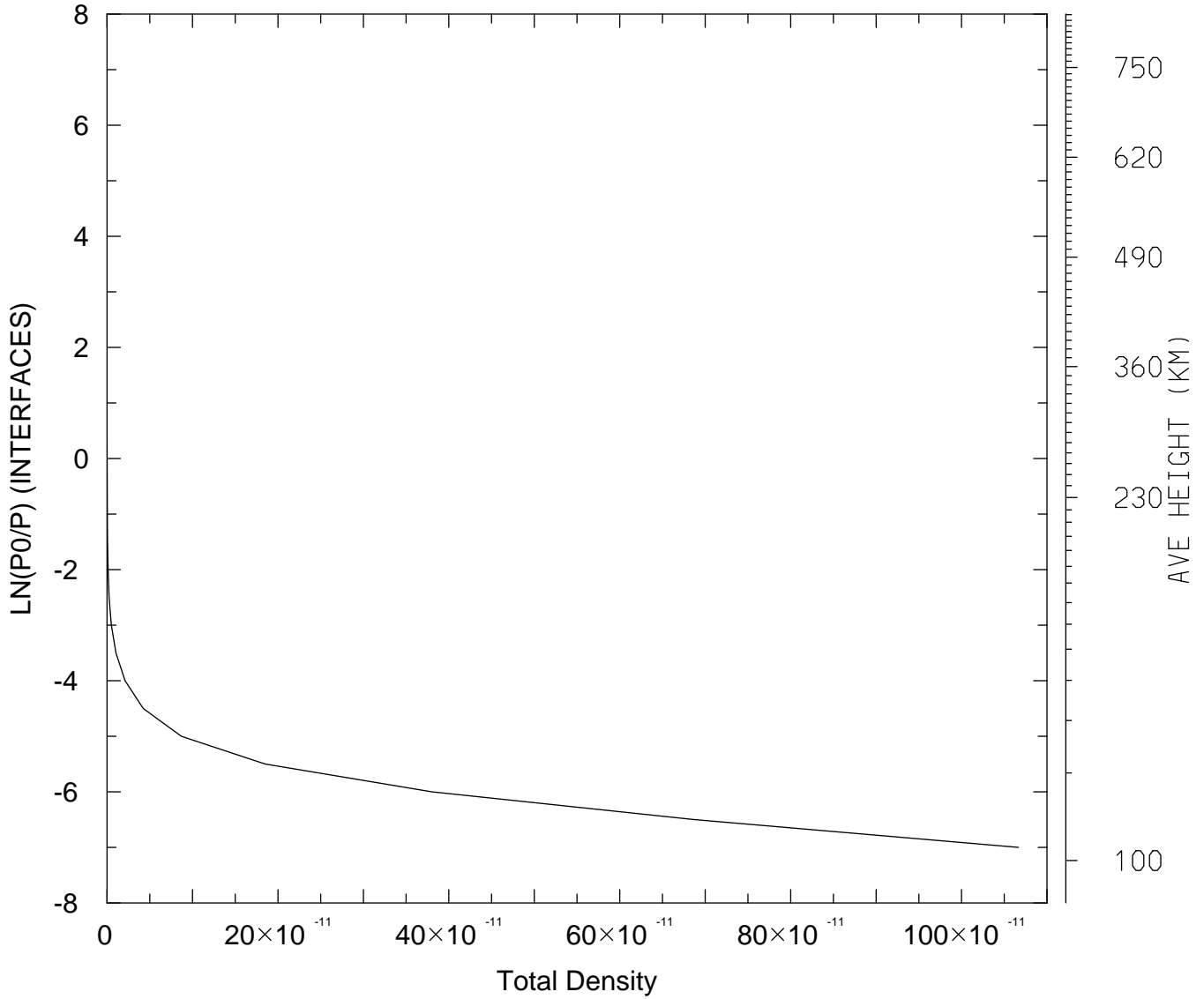
MIN,MAX= 8.4654E-17 1.0481E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



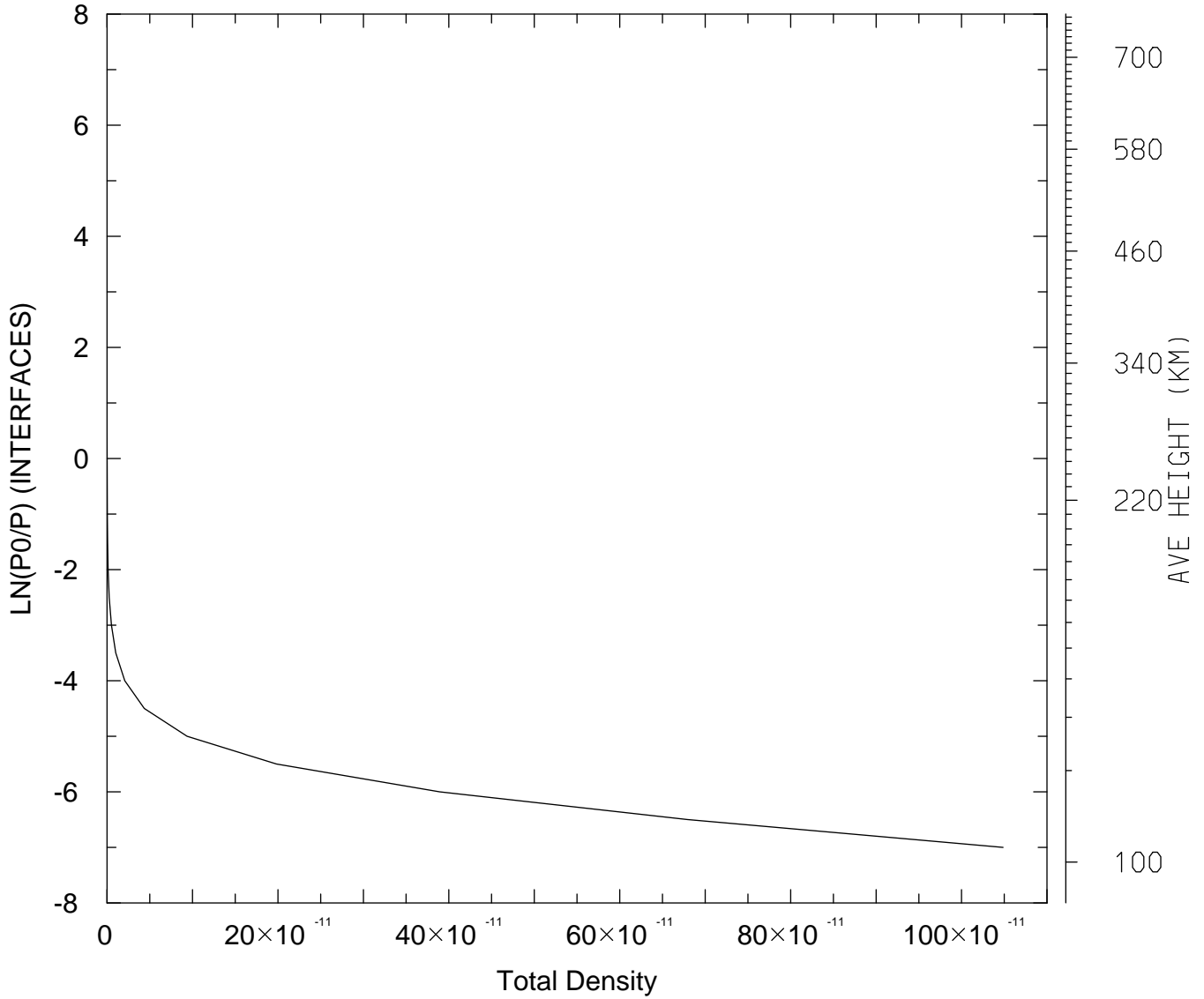
MIN,MAX= 9.8423E-17 9.8872E-10  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



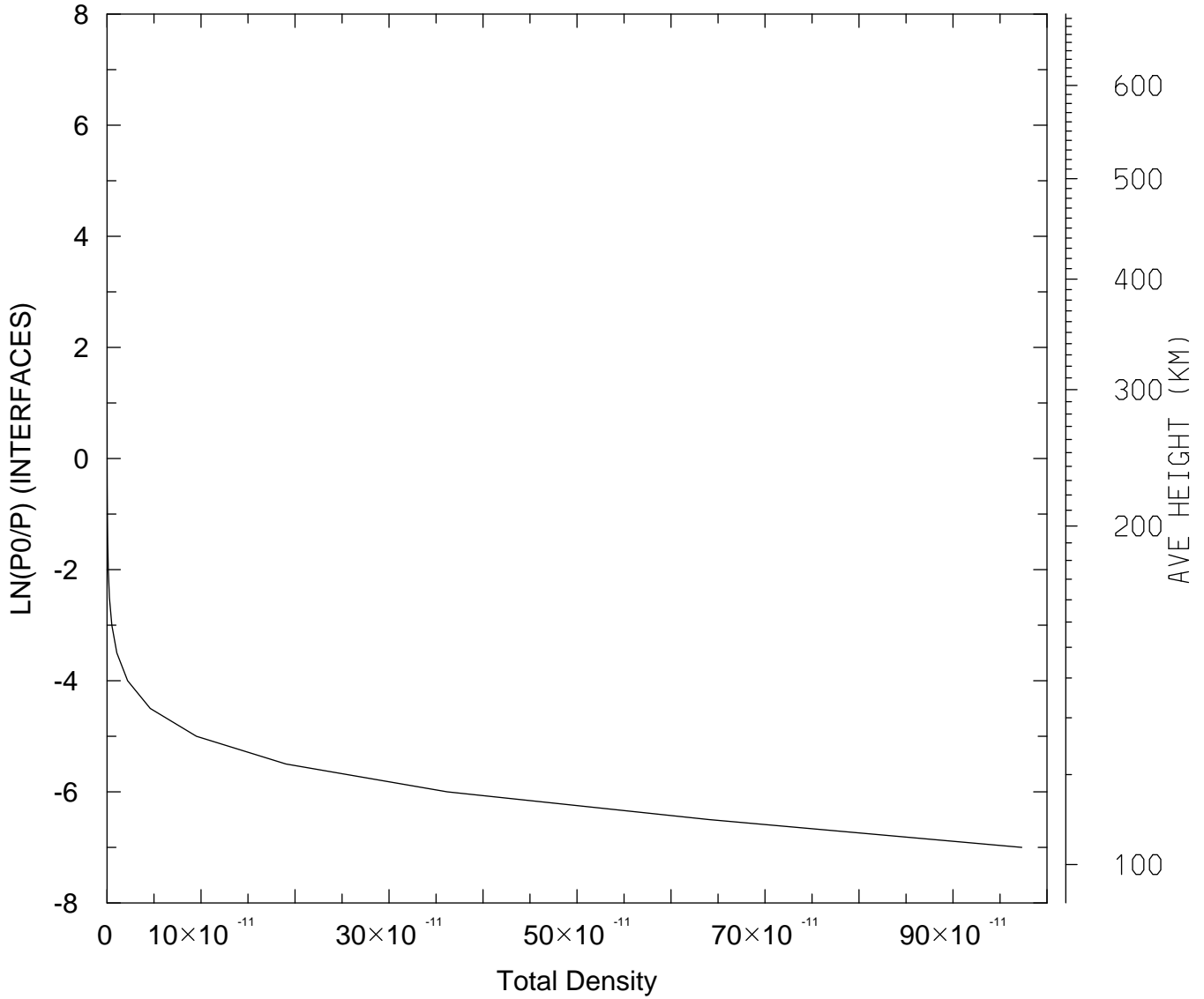
MIN,MAX= 7.1534E-17 1.0666E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



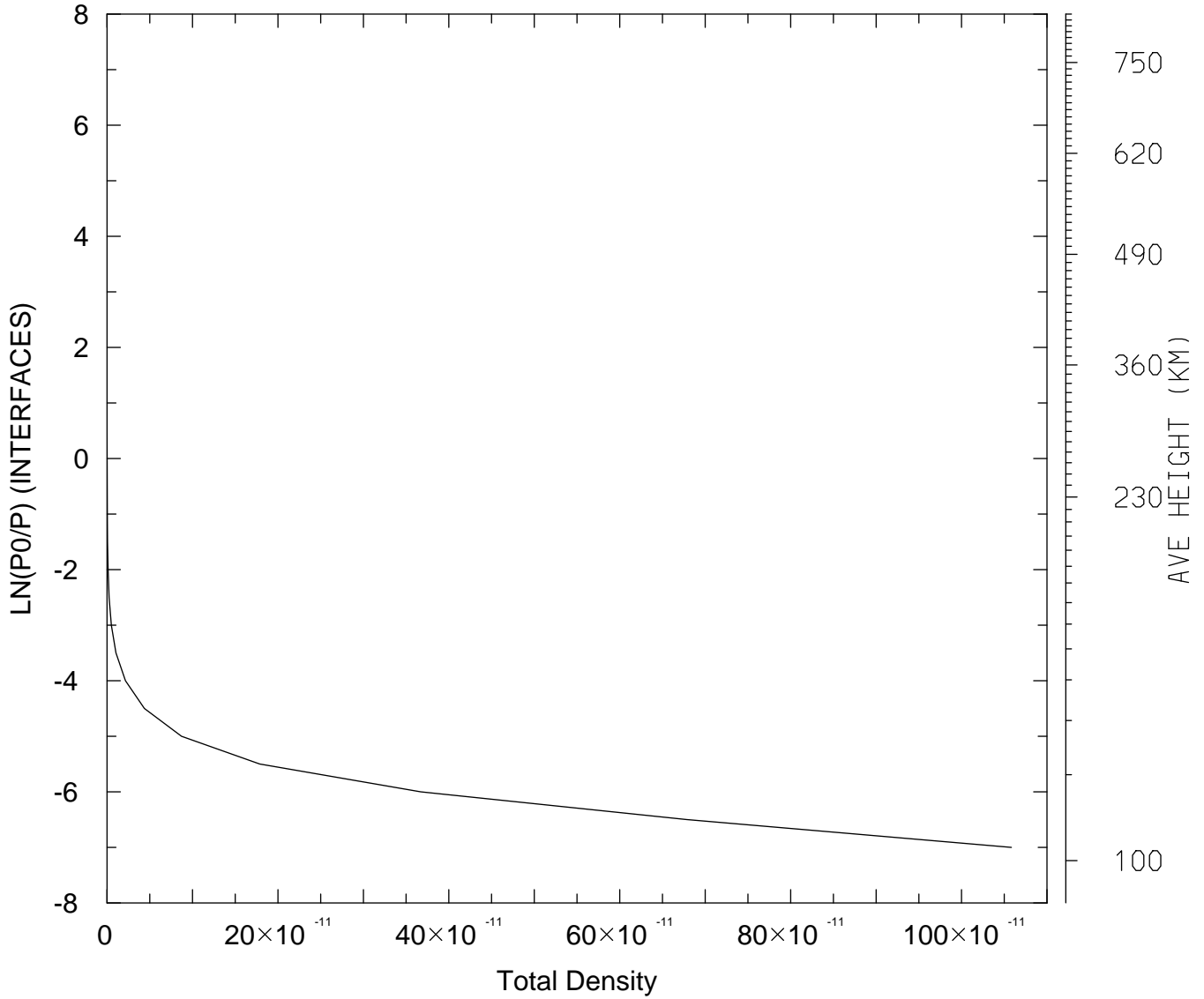
MIN,MAX= 8.5132E-17 1.0485E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 1.0444E-16 9.7318E-10  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

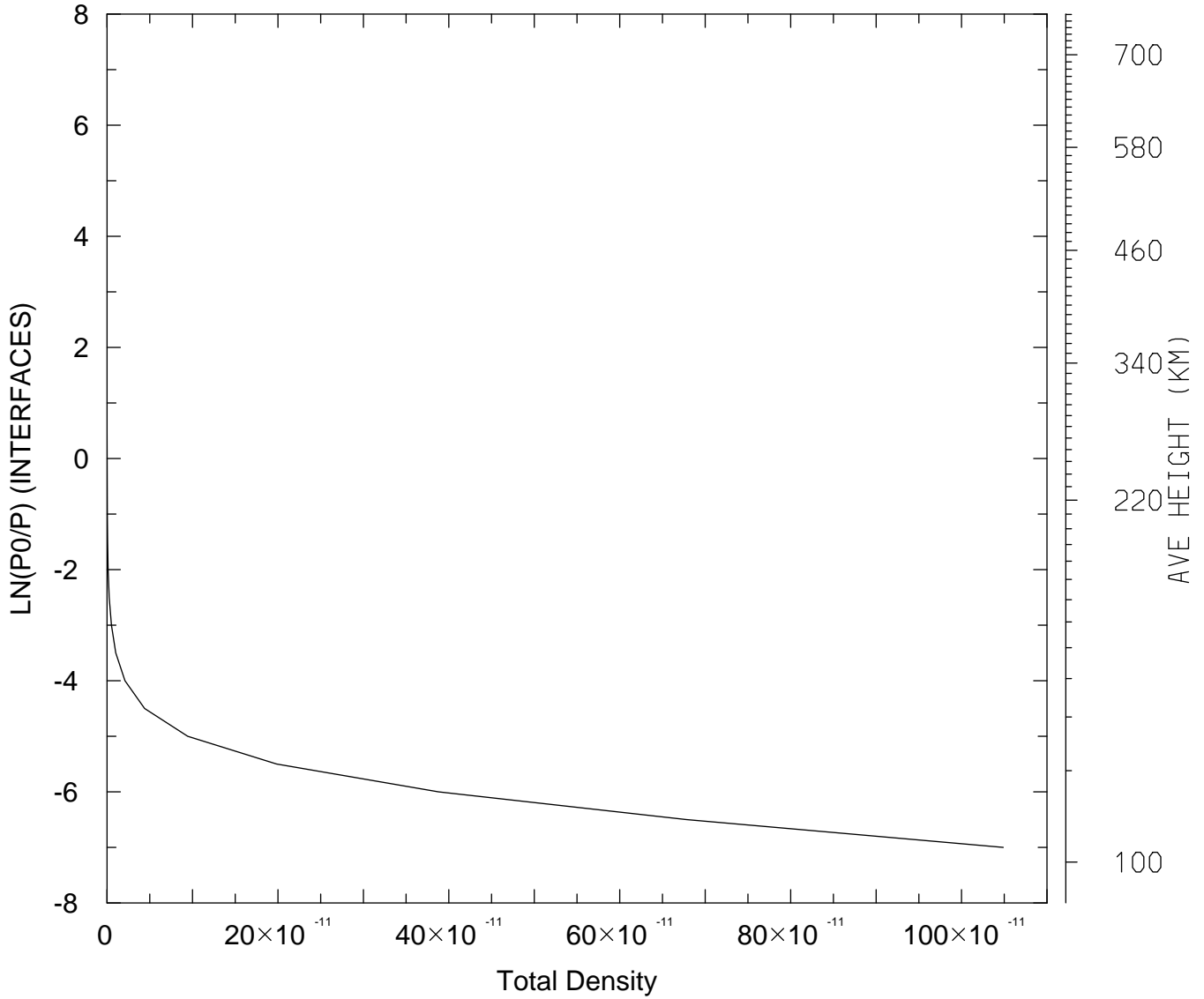
DEN: Total Density (g/cm3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



MIN,MAX= 7.5150E-17 1.0584E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

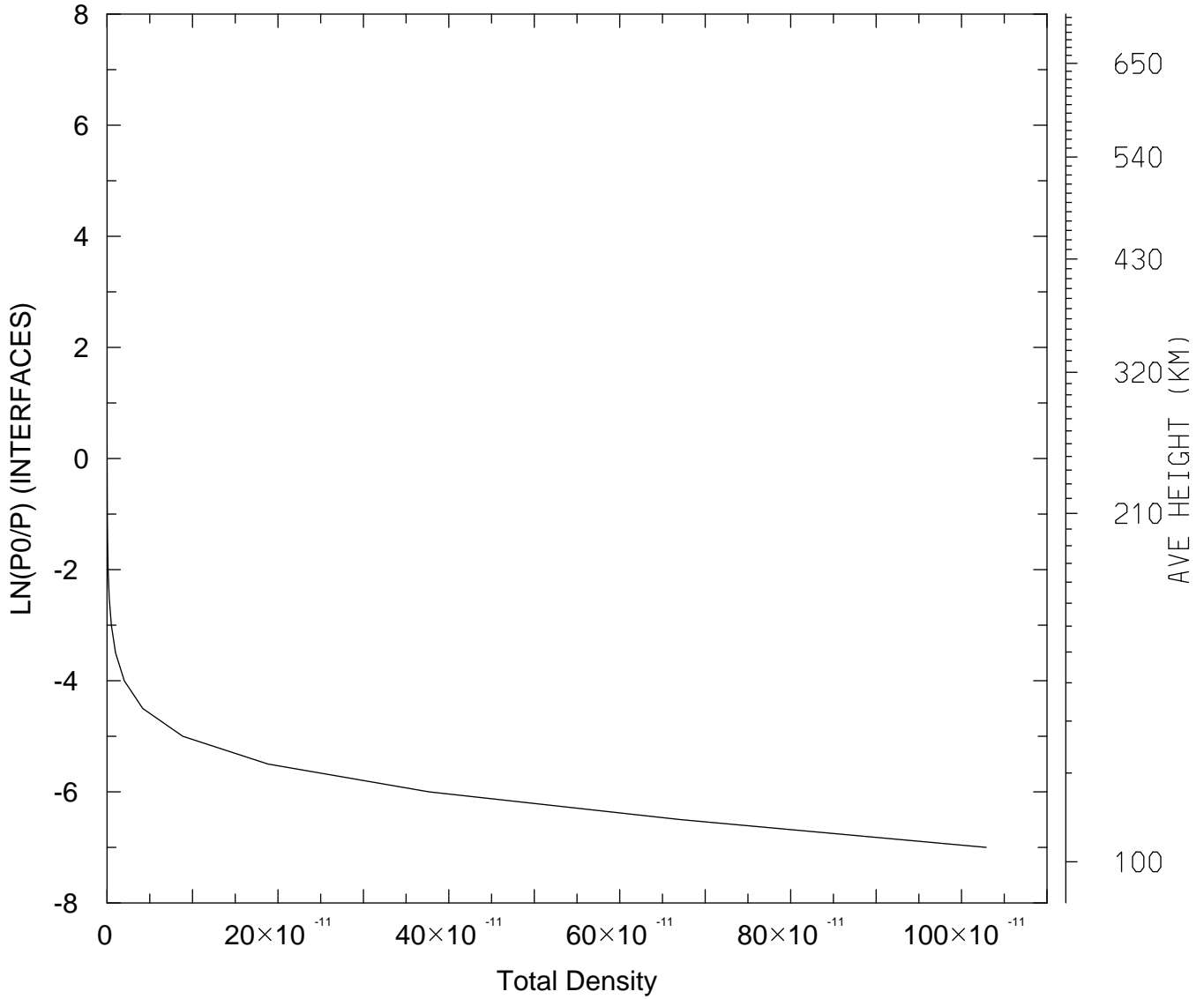


DEN: Total Density (g/cm3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



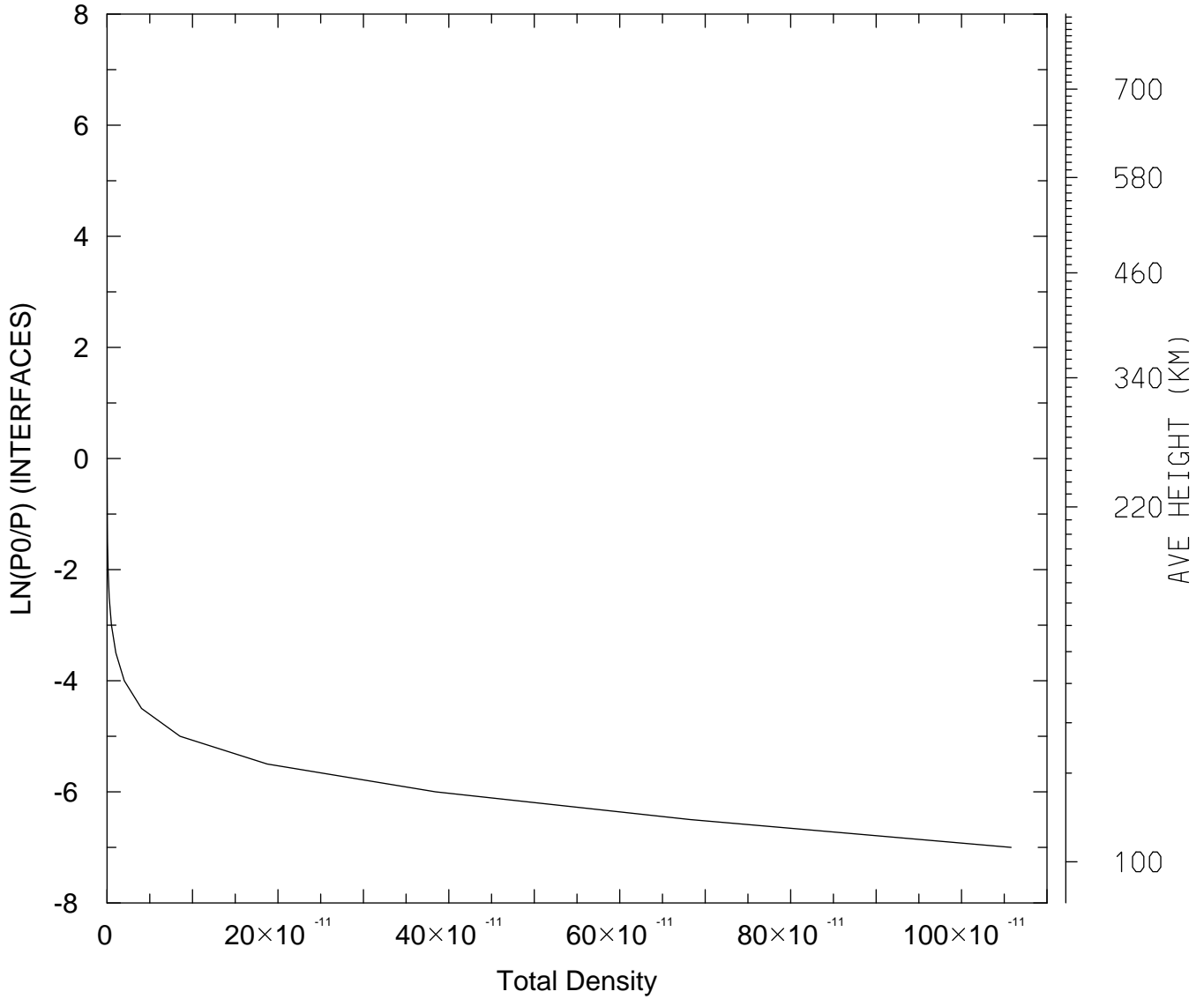
MIN,MAX= 8.6012E-17 1.0488E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



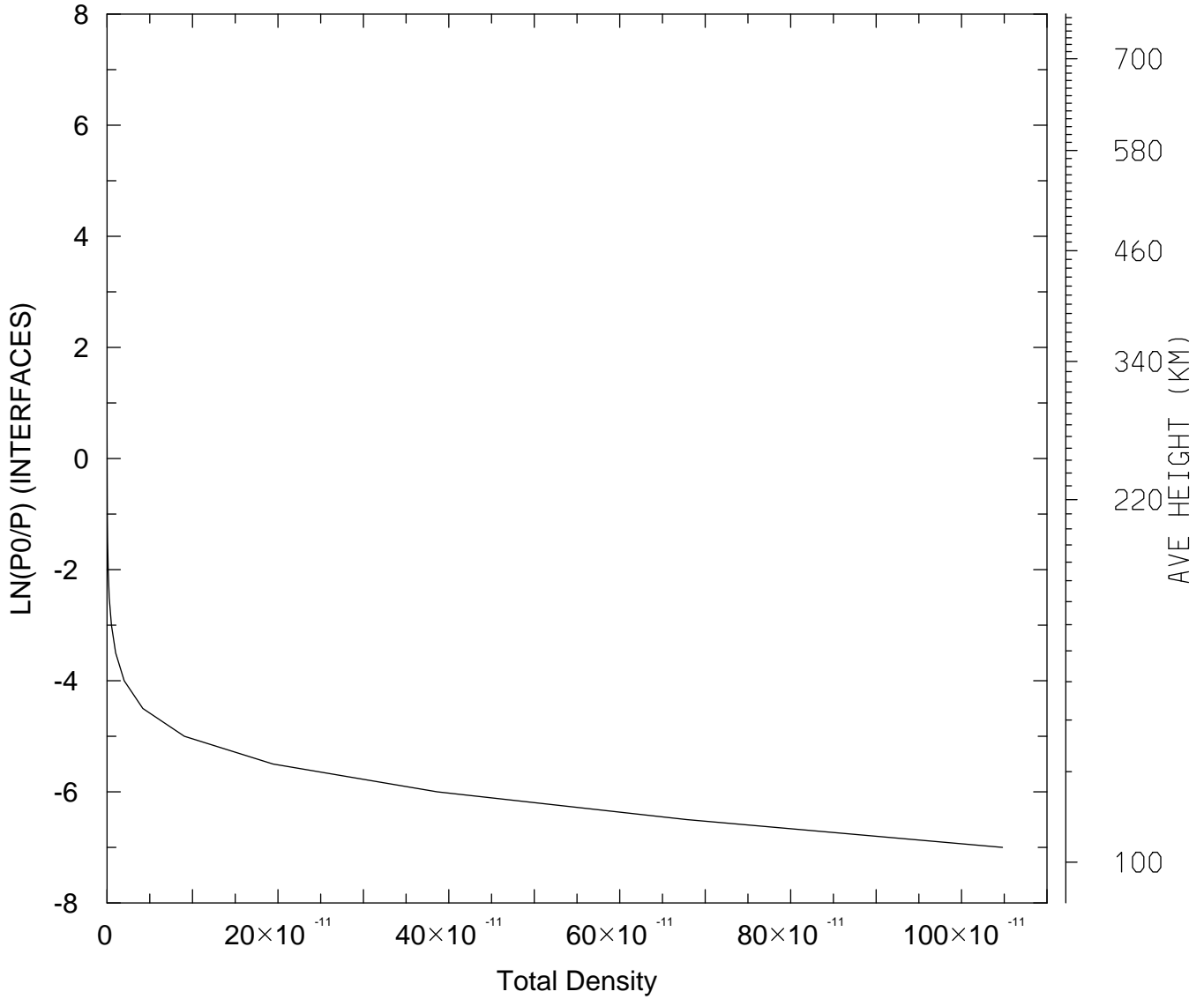
MIN,MAX= 9.7290E-17 1.0288E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



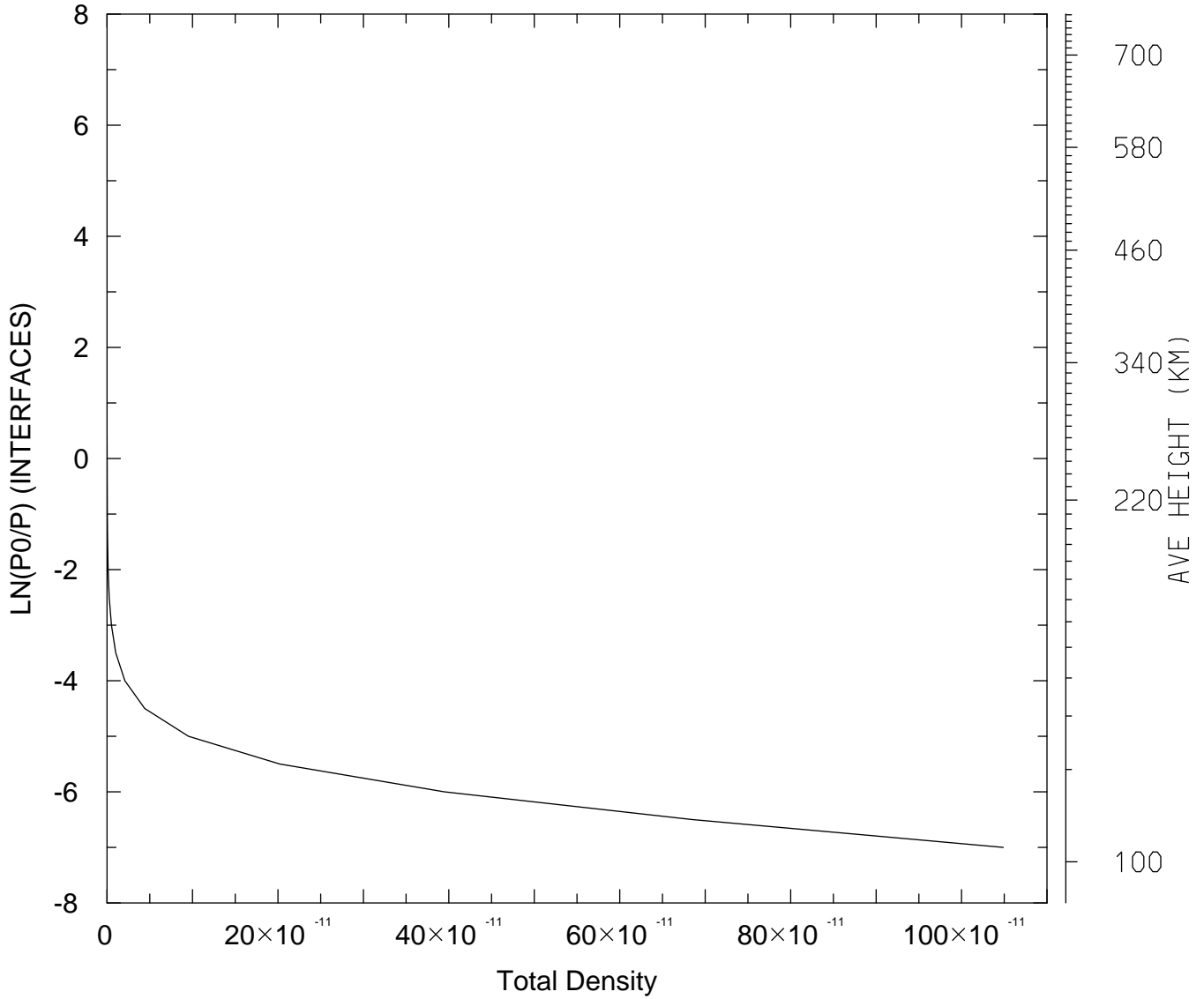
MIN,MAX= 8.0780E-17 1.0580E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



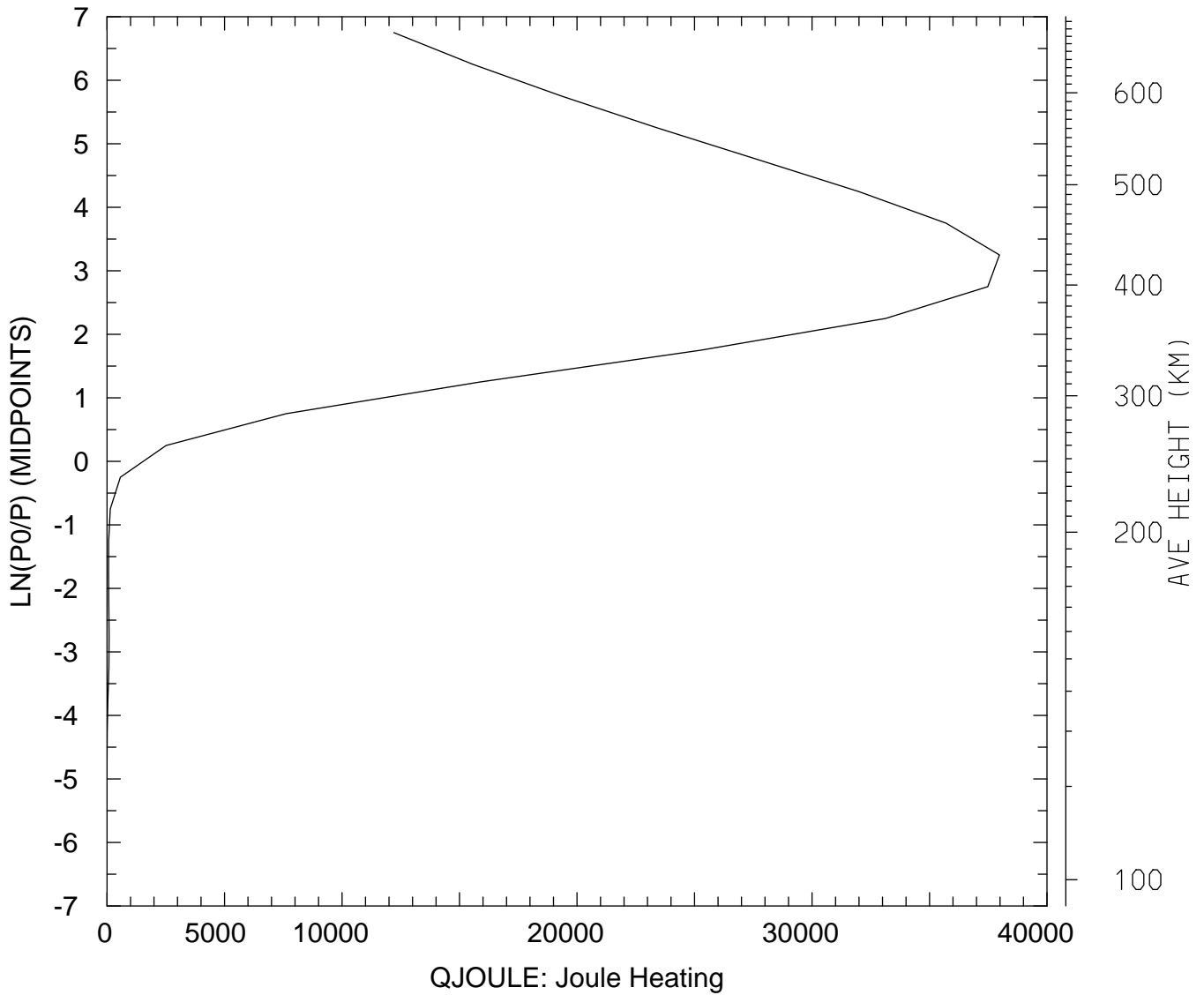
MIN,MAX= 8.7977E-17 1.0480E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 GLOBAL MEANS



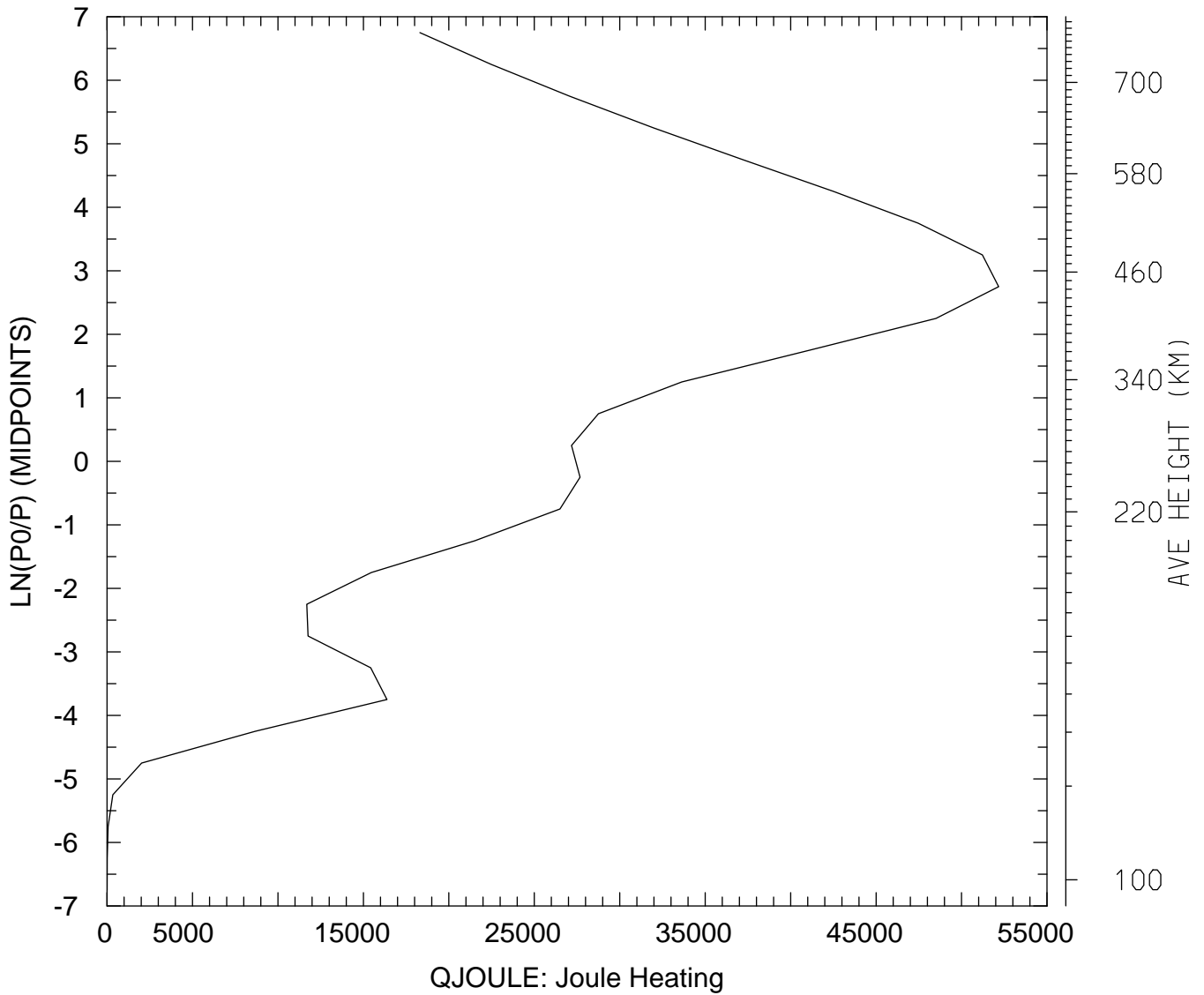
MIN,MAX= 8.5772E-17 1.0488E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



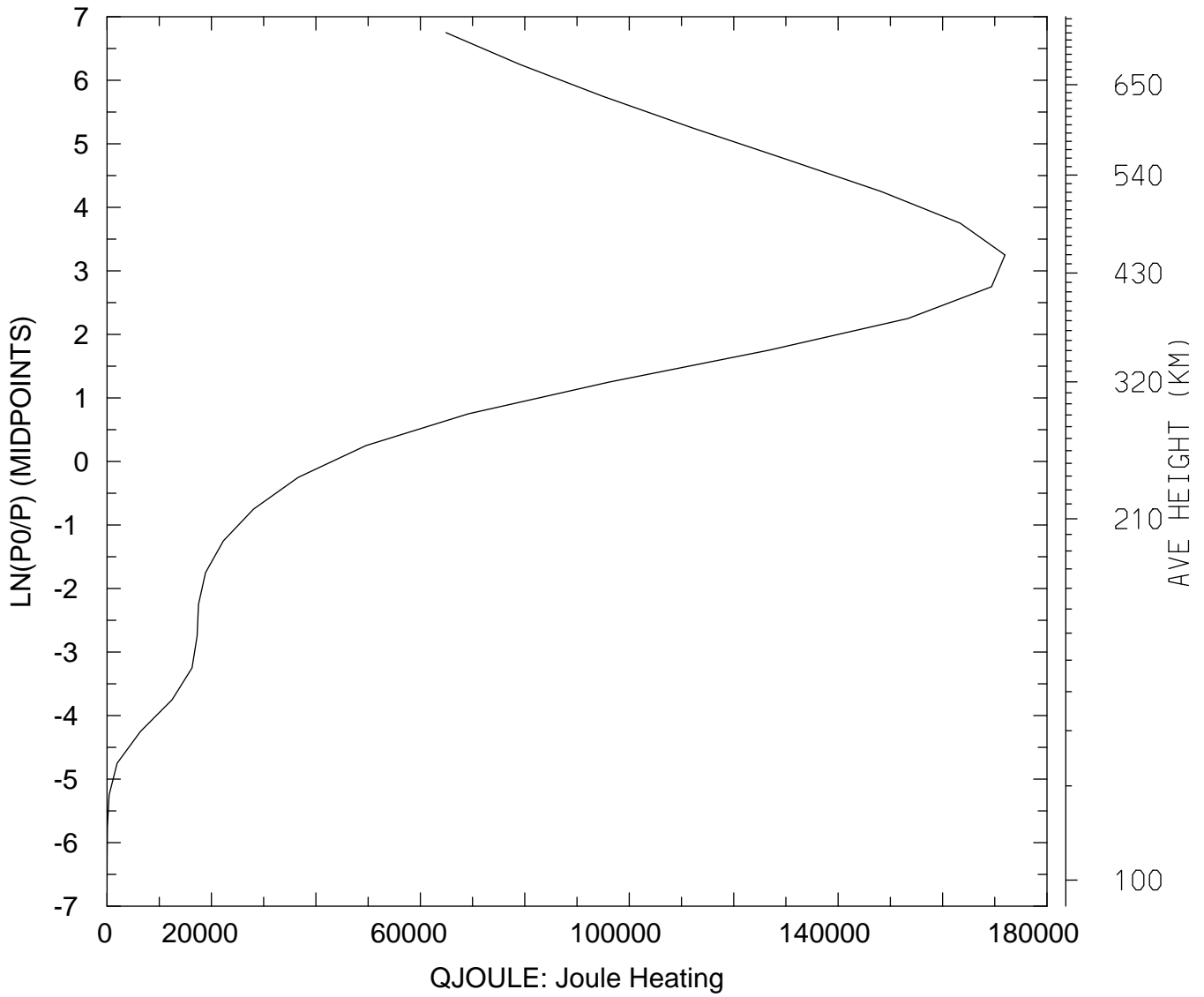
MIN,MAX= 6.4819E-02 3.7976E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



MIN,MAX= 3.8172E+00 5.2168E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

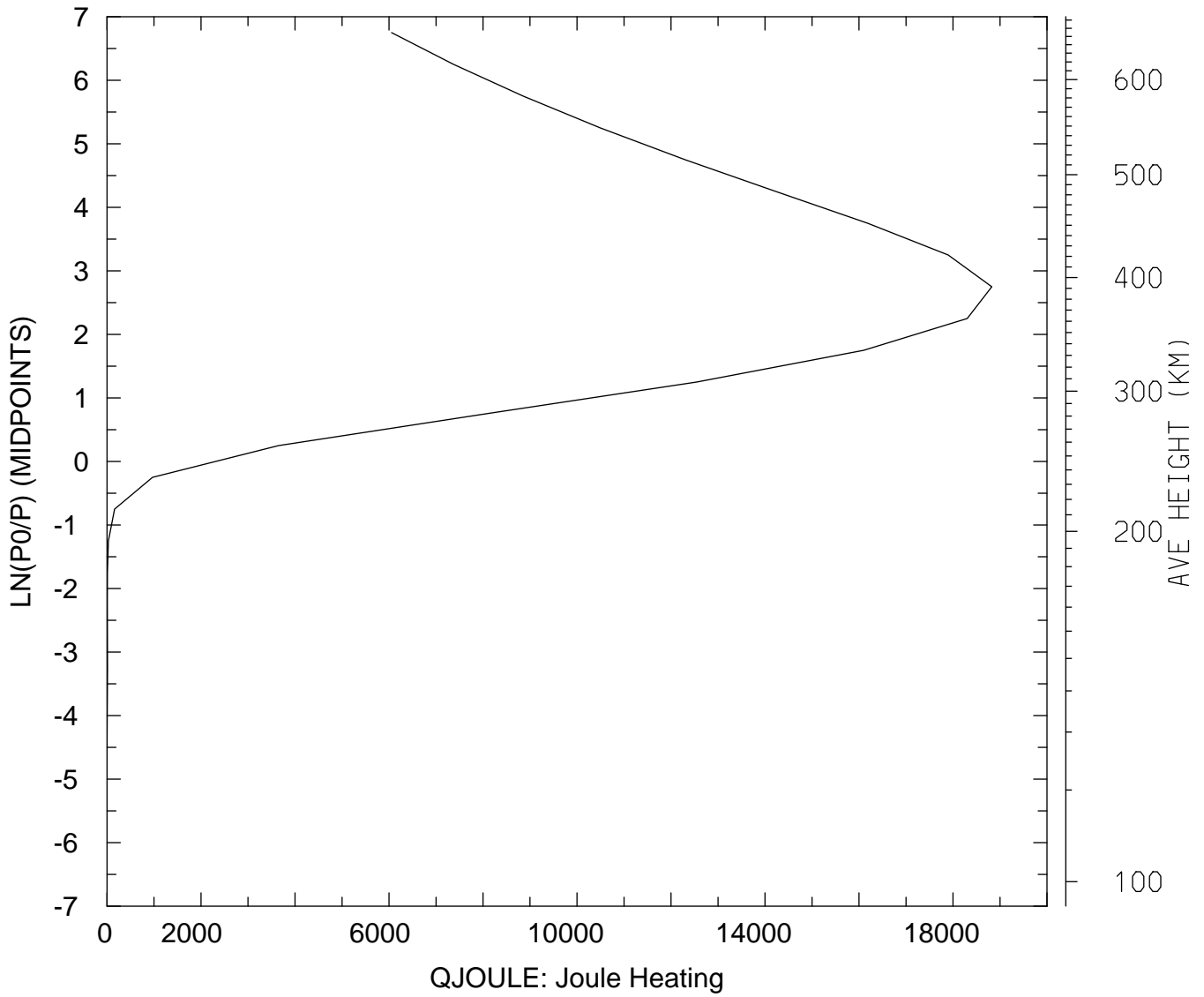
QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



MIN,MAX= 3.8529E+00 1.7196E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

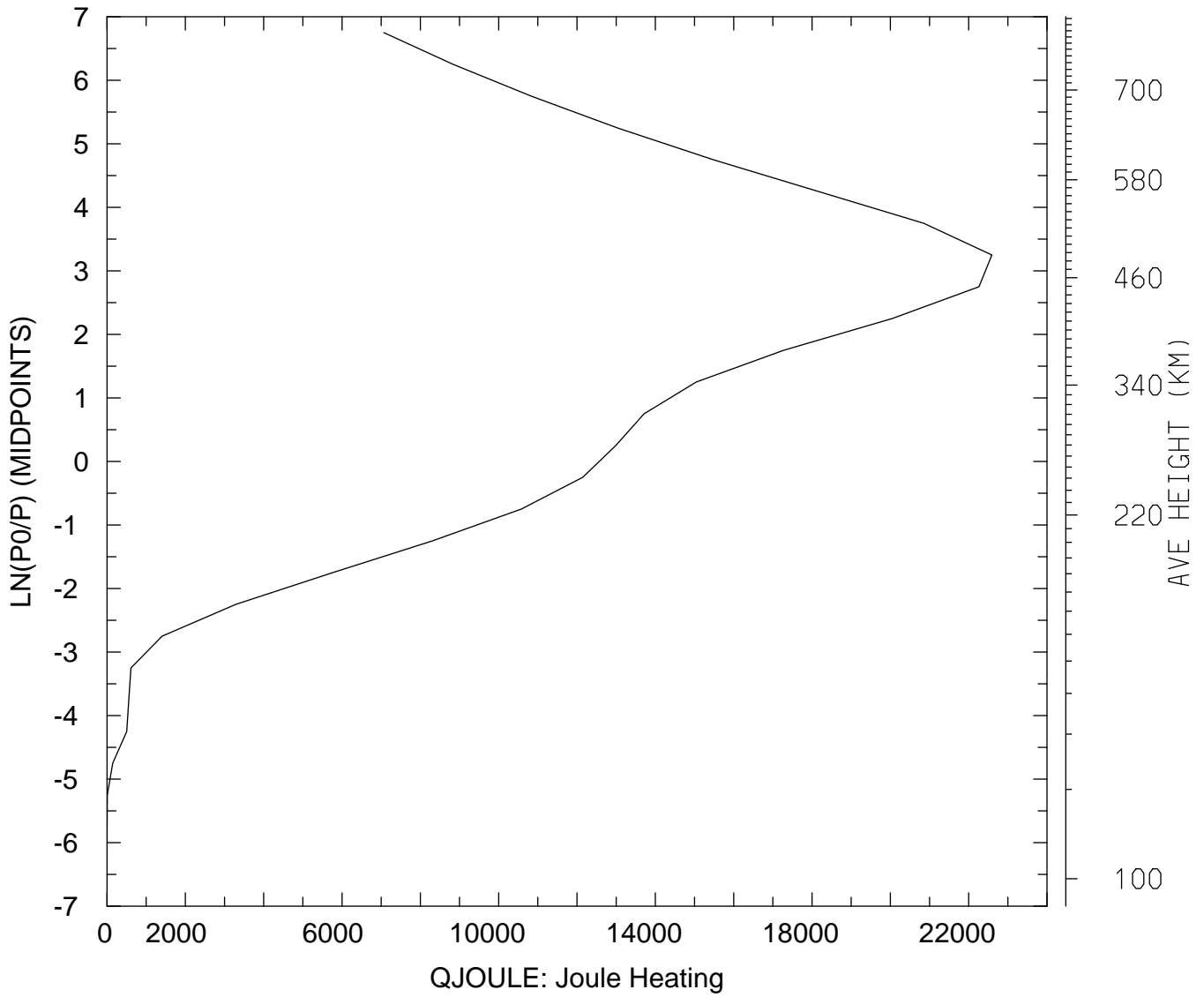


QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



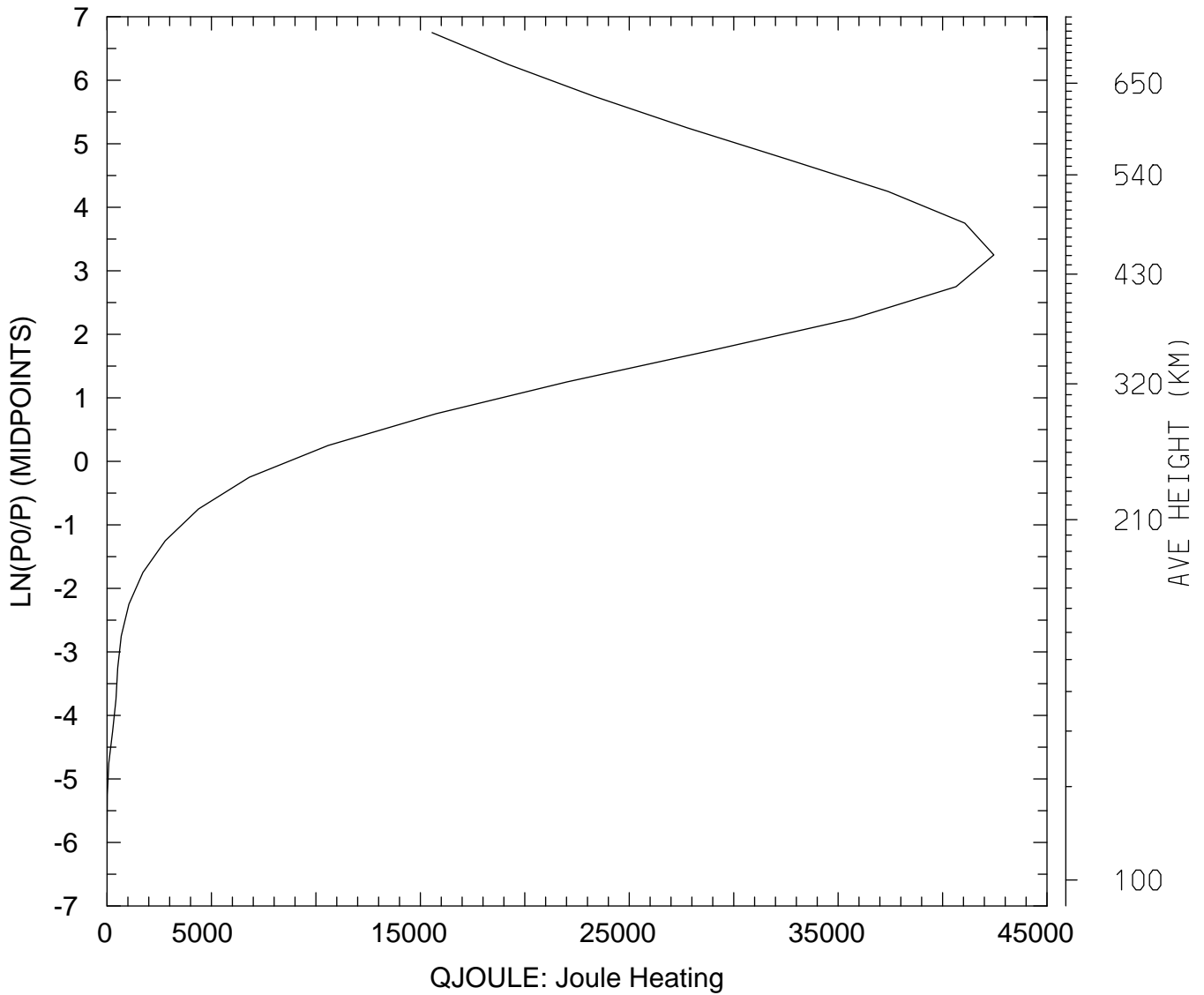
MIN,MAX= 2.5324E-02 1.8826E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



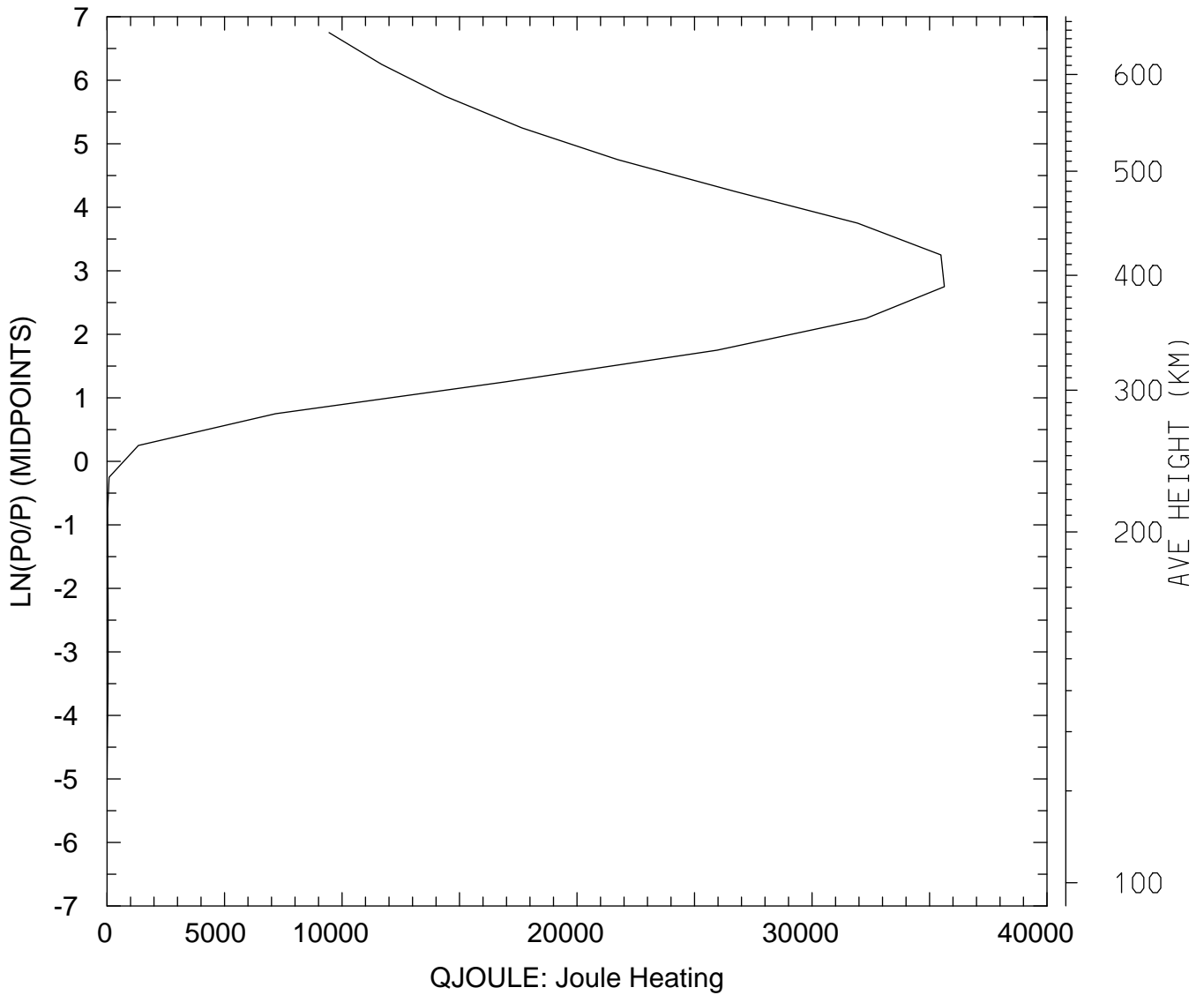
MIN,MAX= 7.9163E-01 2.2592E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



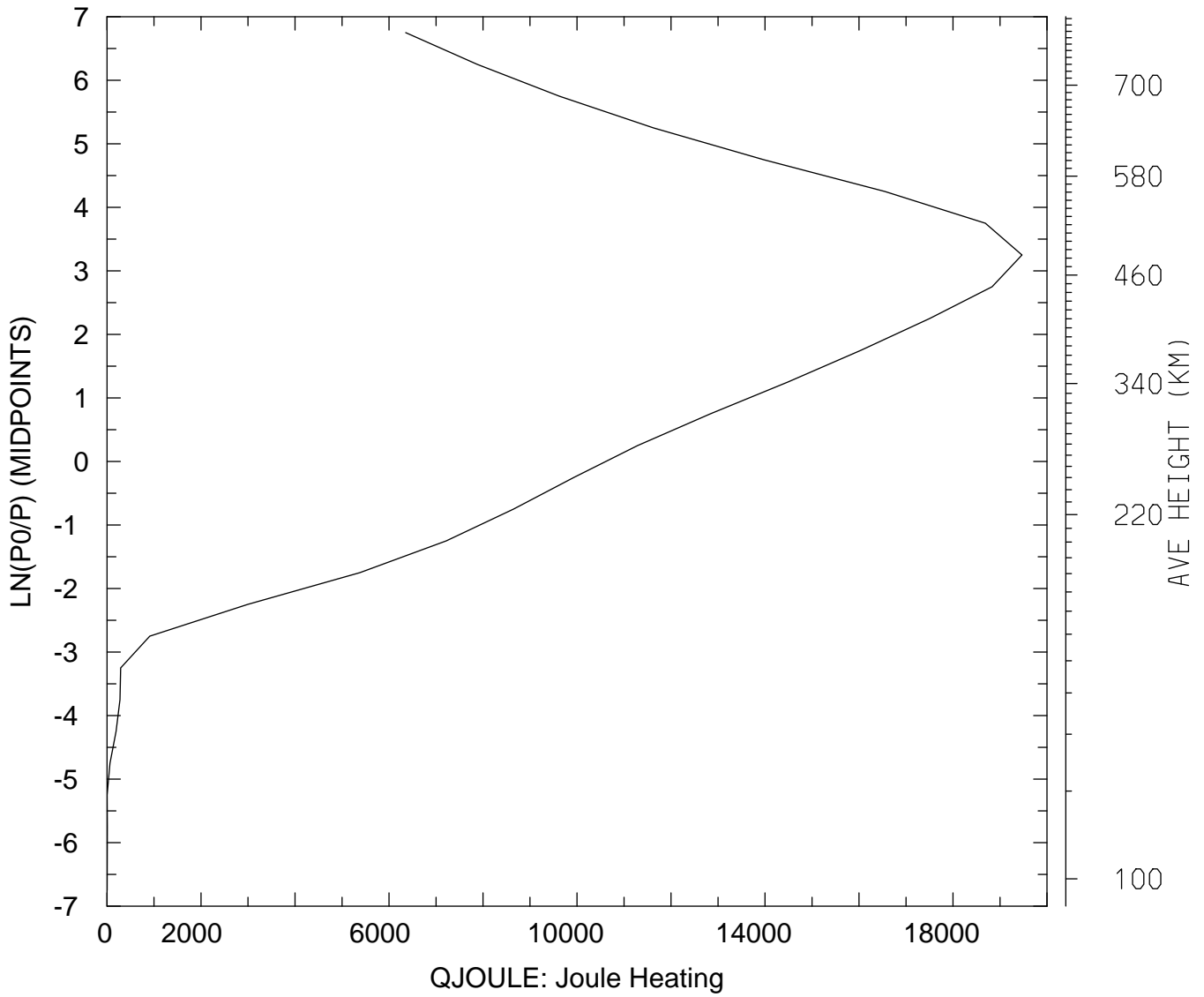
MIN,MAX= 2.8550E-01 4.2454E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



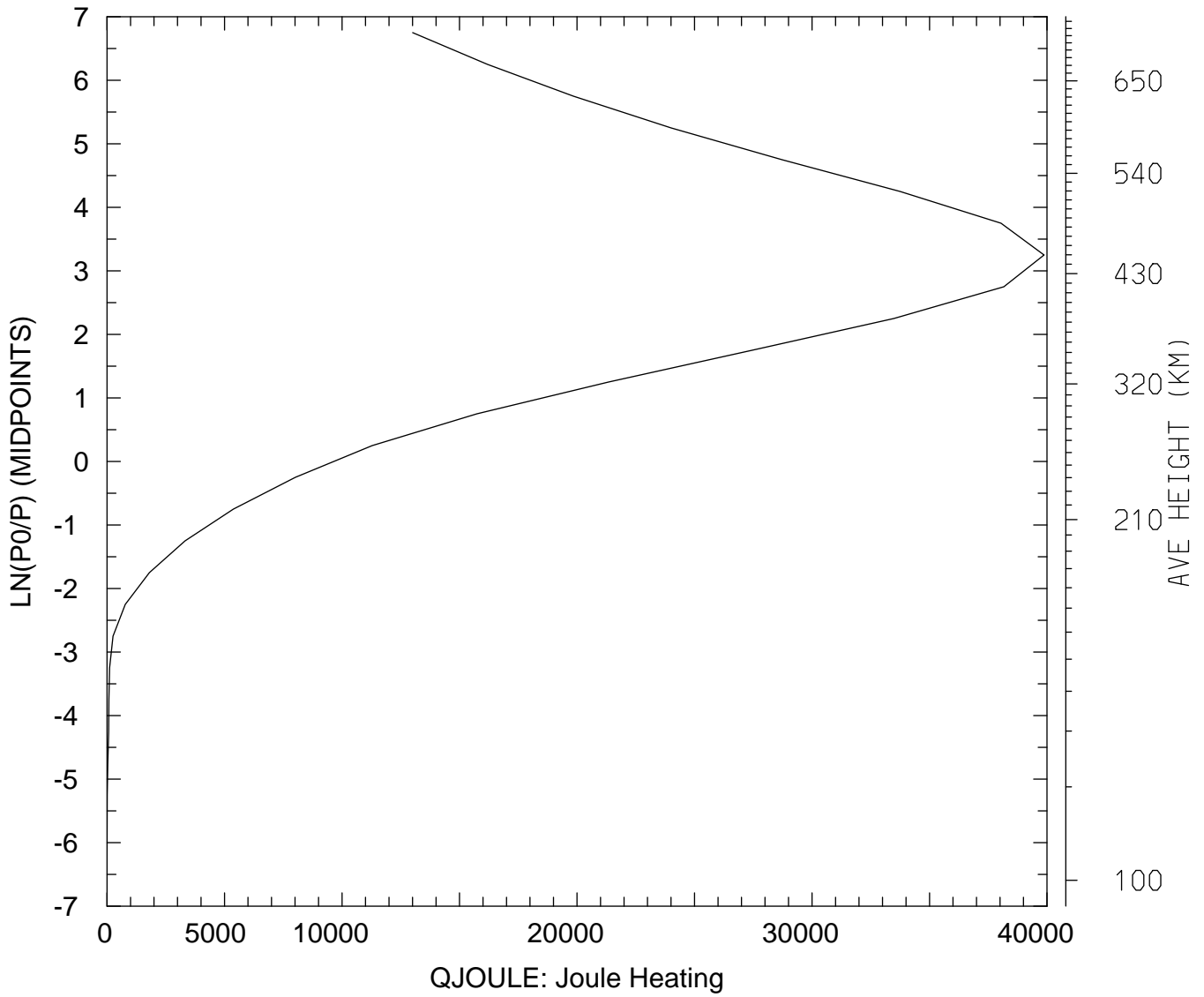
MIN,MAX= 1.7908E-02 3.5632E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



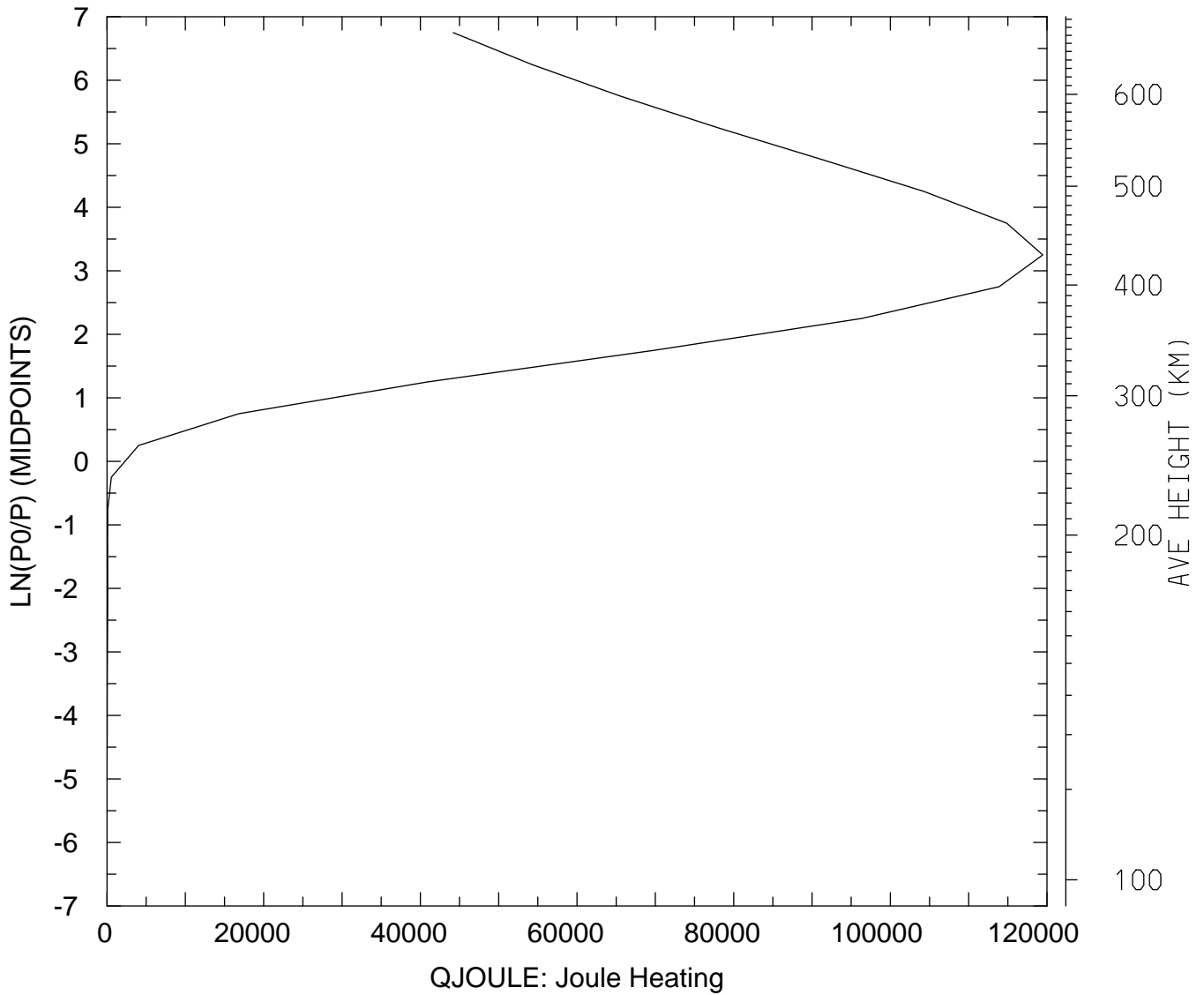
MIN,MAX= 2.5123E+00 1.9468E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



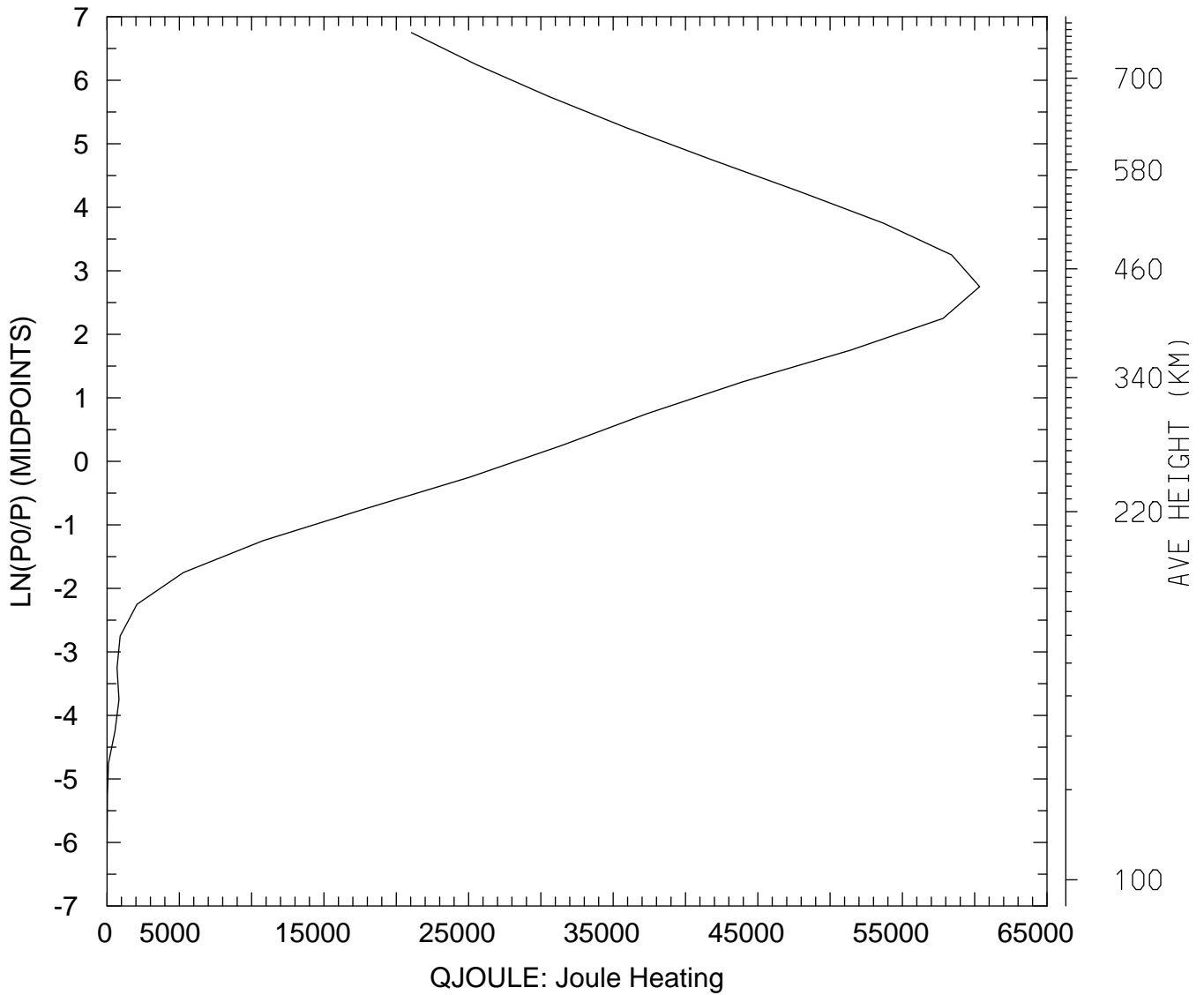
MIN,MAX= 6.1433E-01 3.9873E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

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



MIN,MAX= 1.3680E-02 1.1946E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

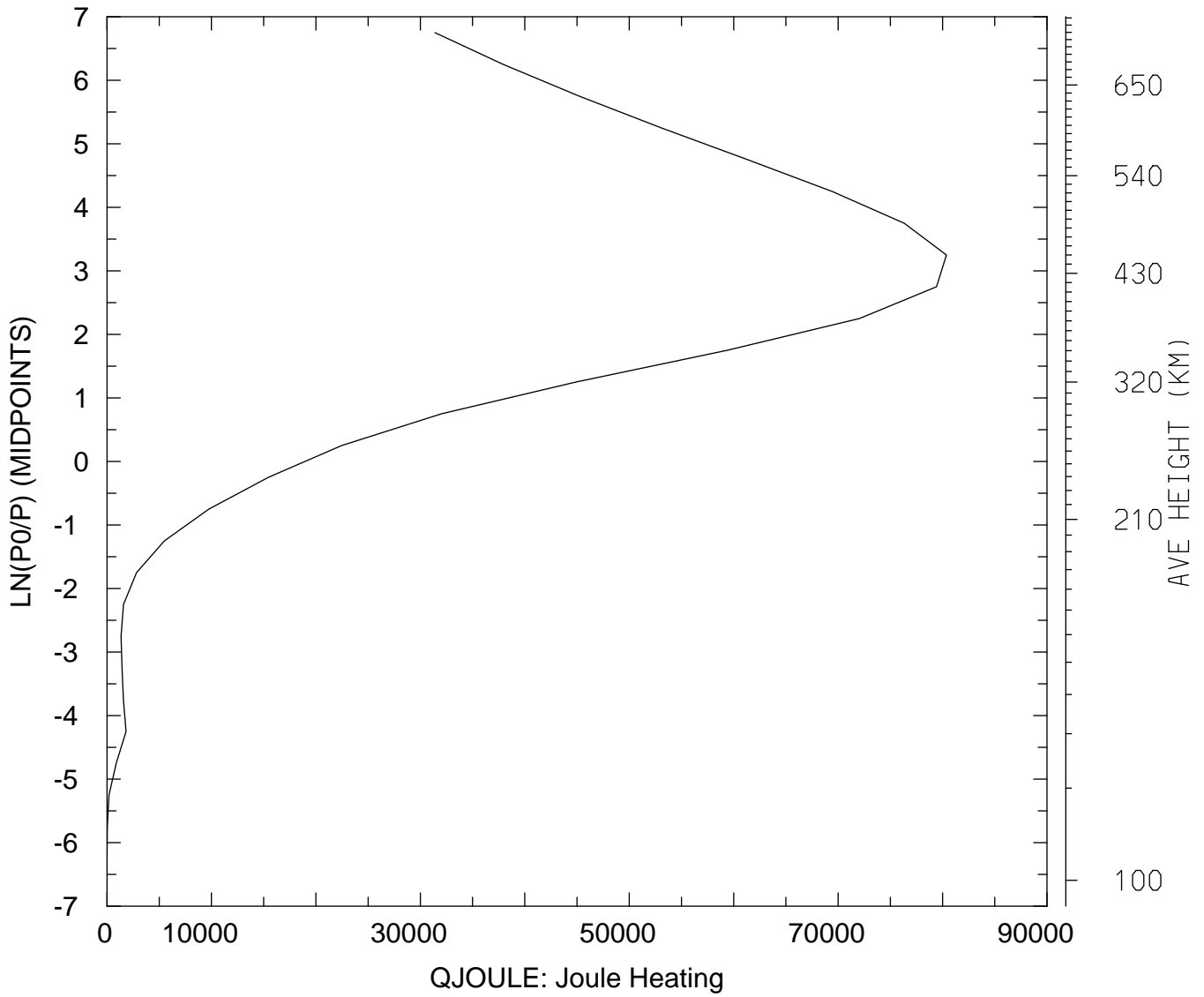
QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



MIN,MAX= 9.6445E-01 6.0341E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

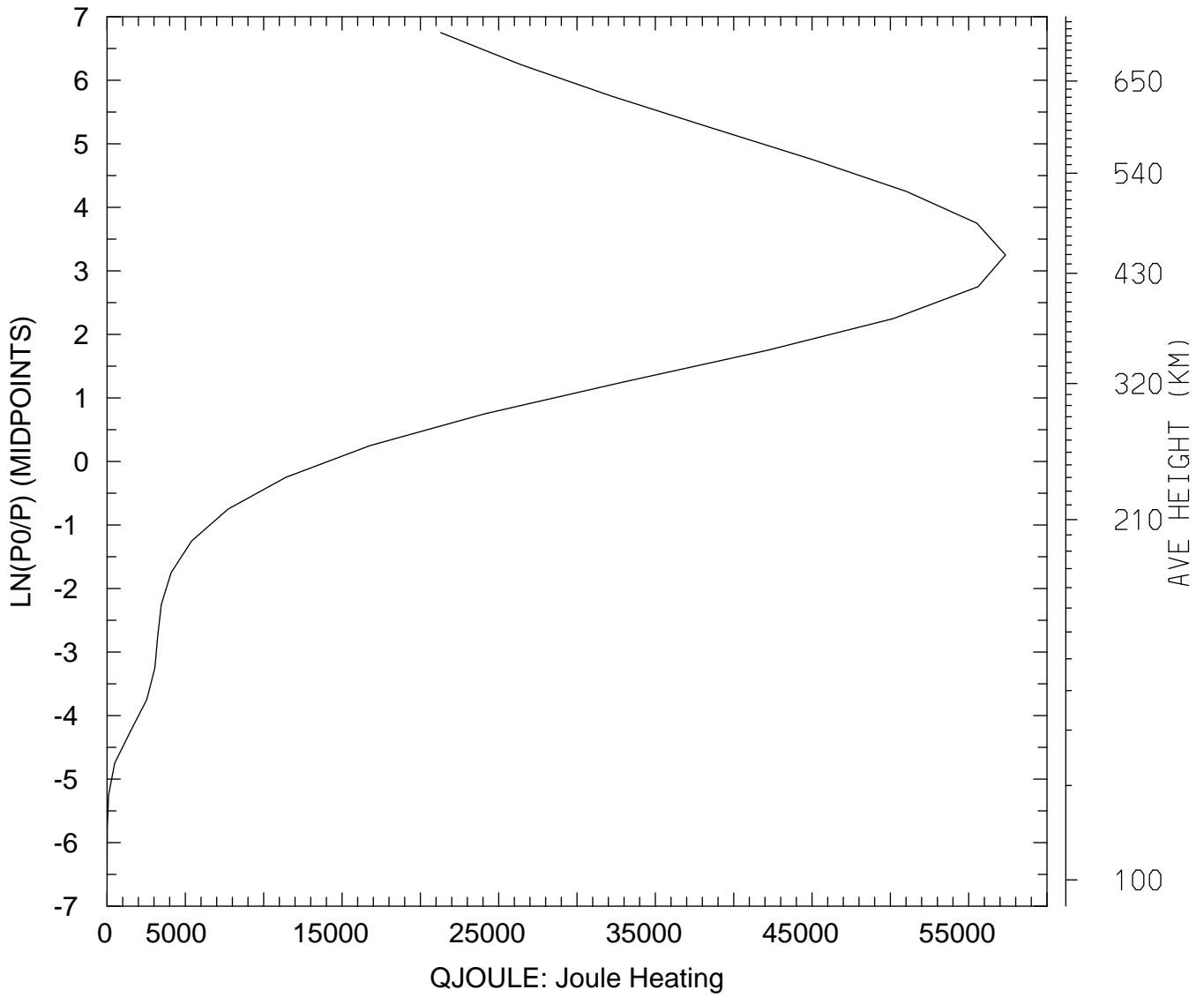


QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



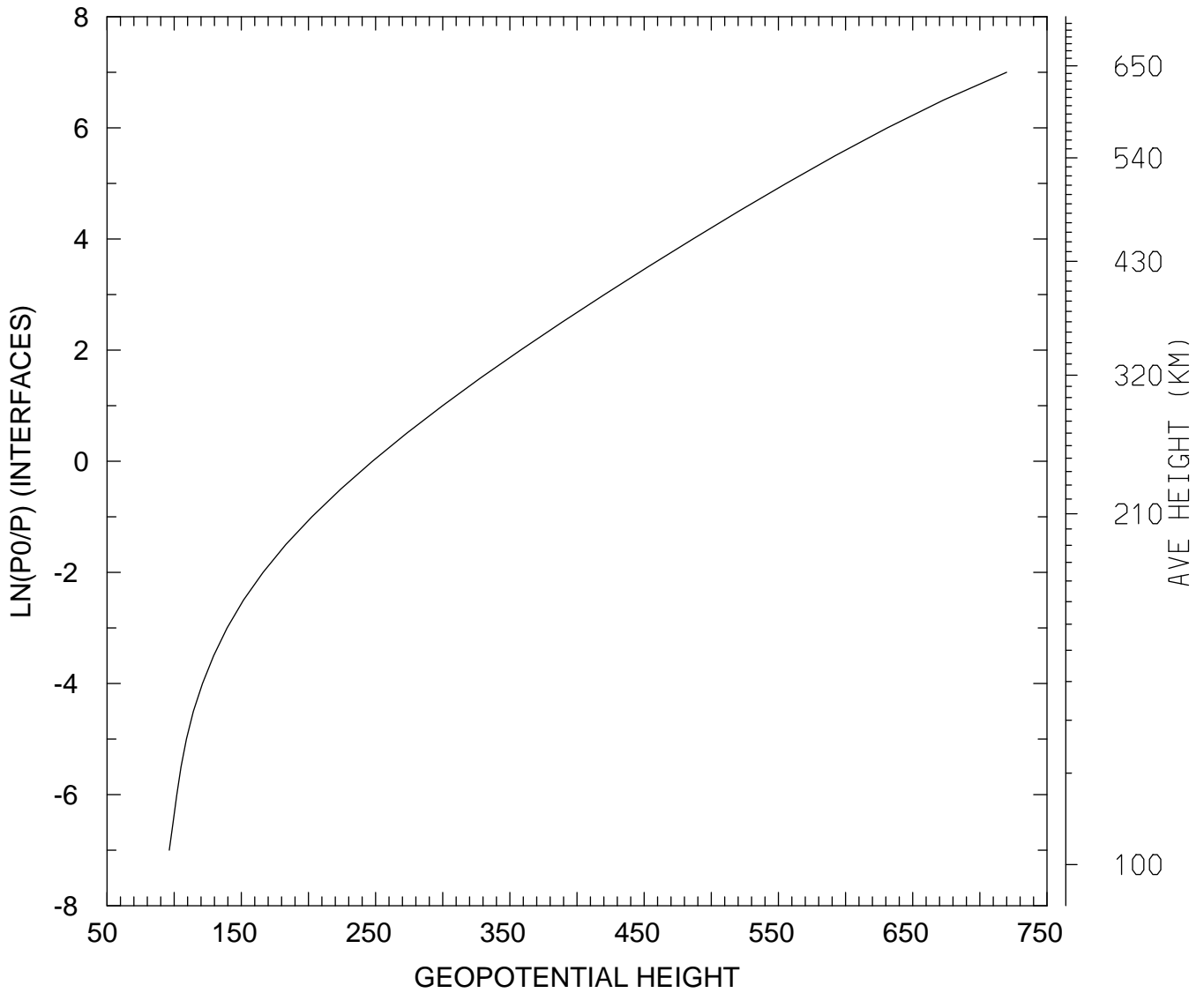
MIN,MAX= 1.1600E+00 8.0365E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 GLOBAL MEANS



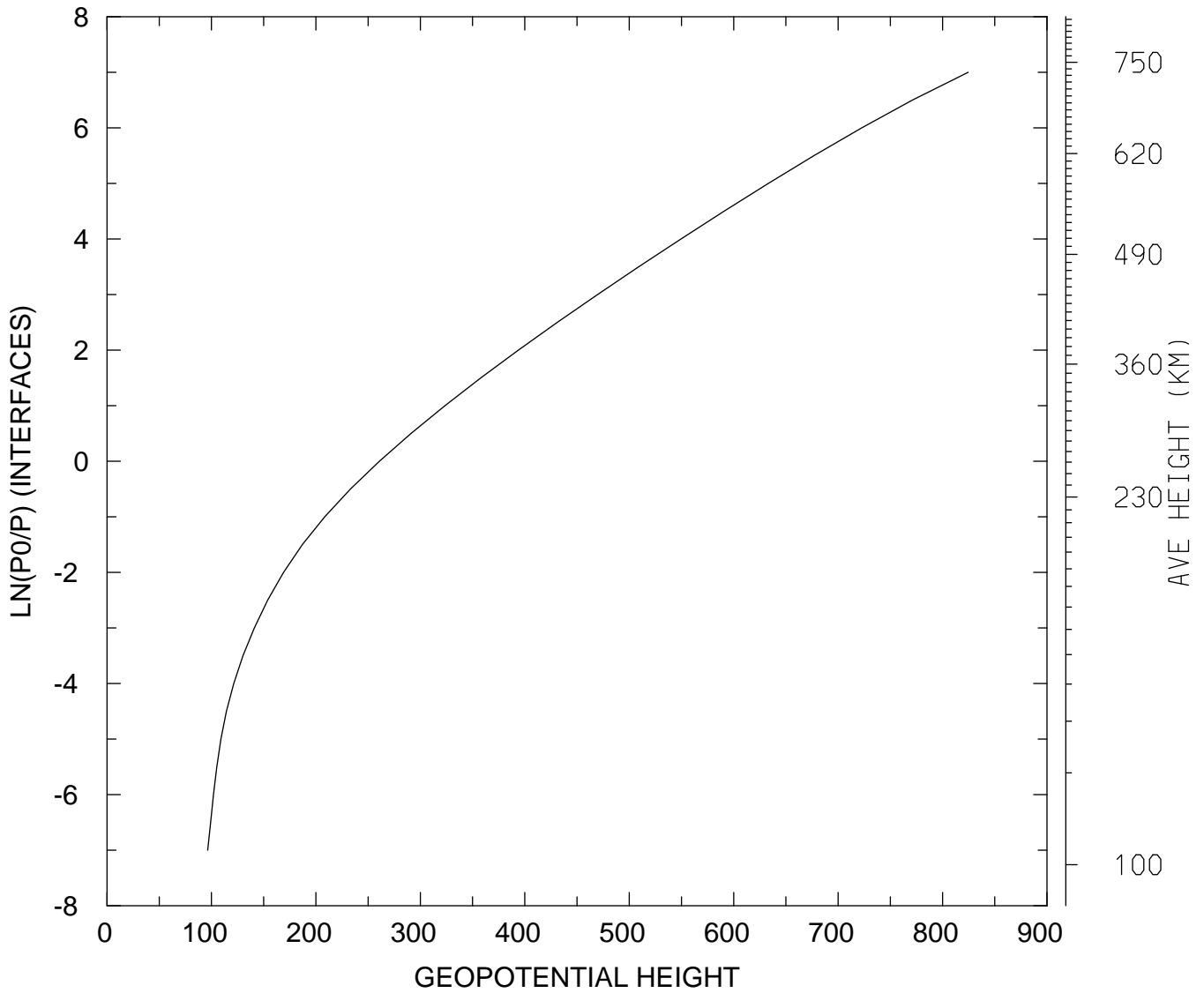
MIN,MAX= 1.9760E+00 5.7353E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



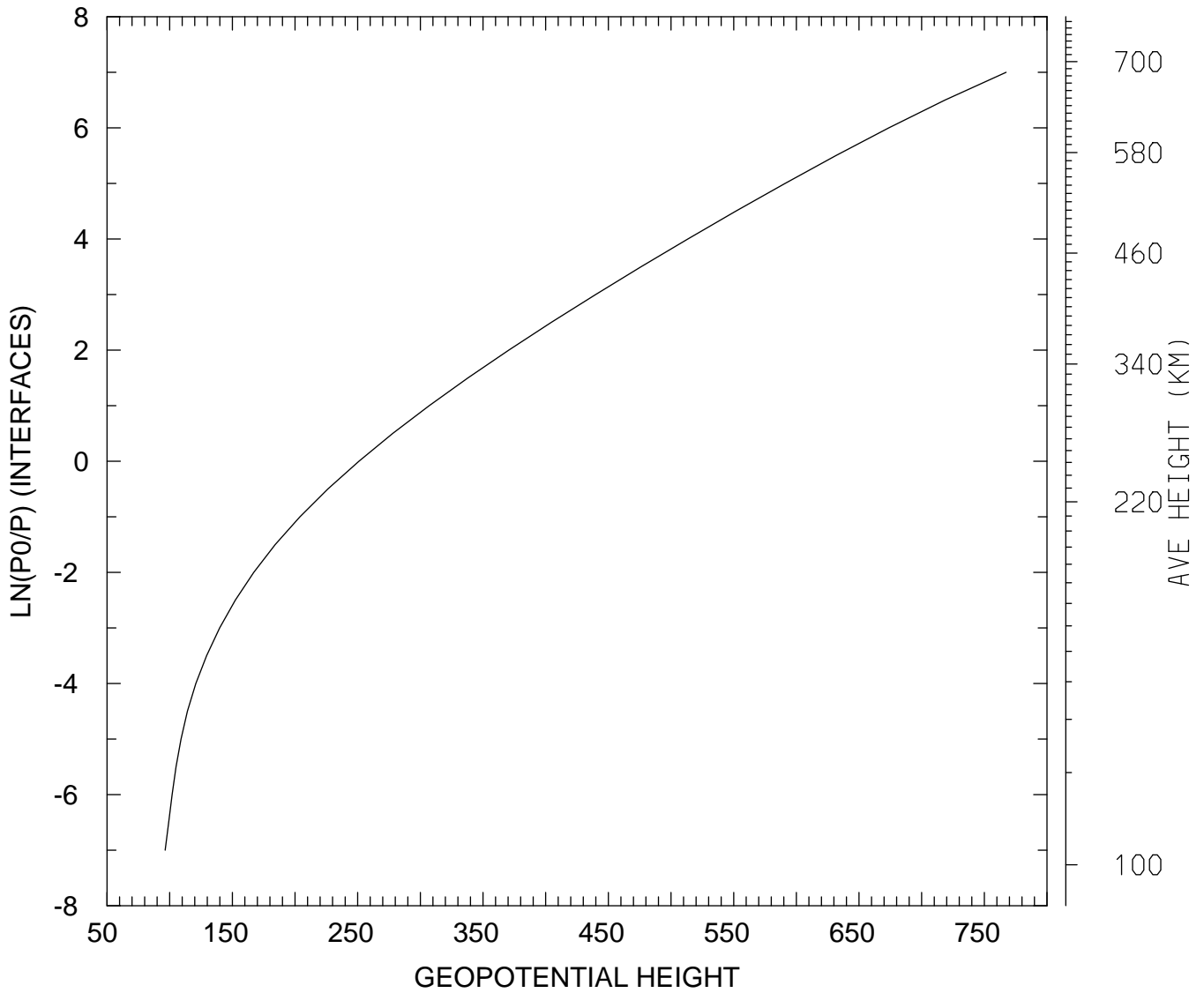
MIN,MAX= 9.6360E+01 7.1992E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



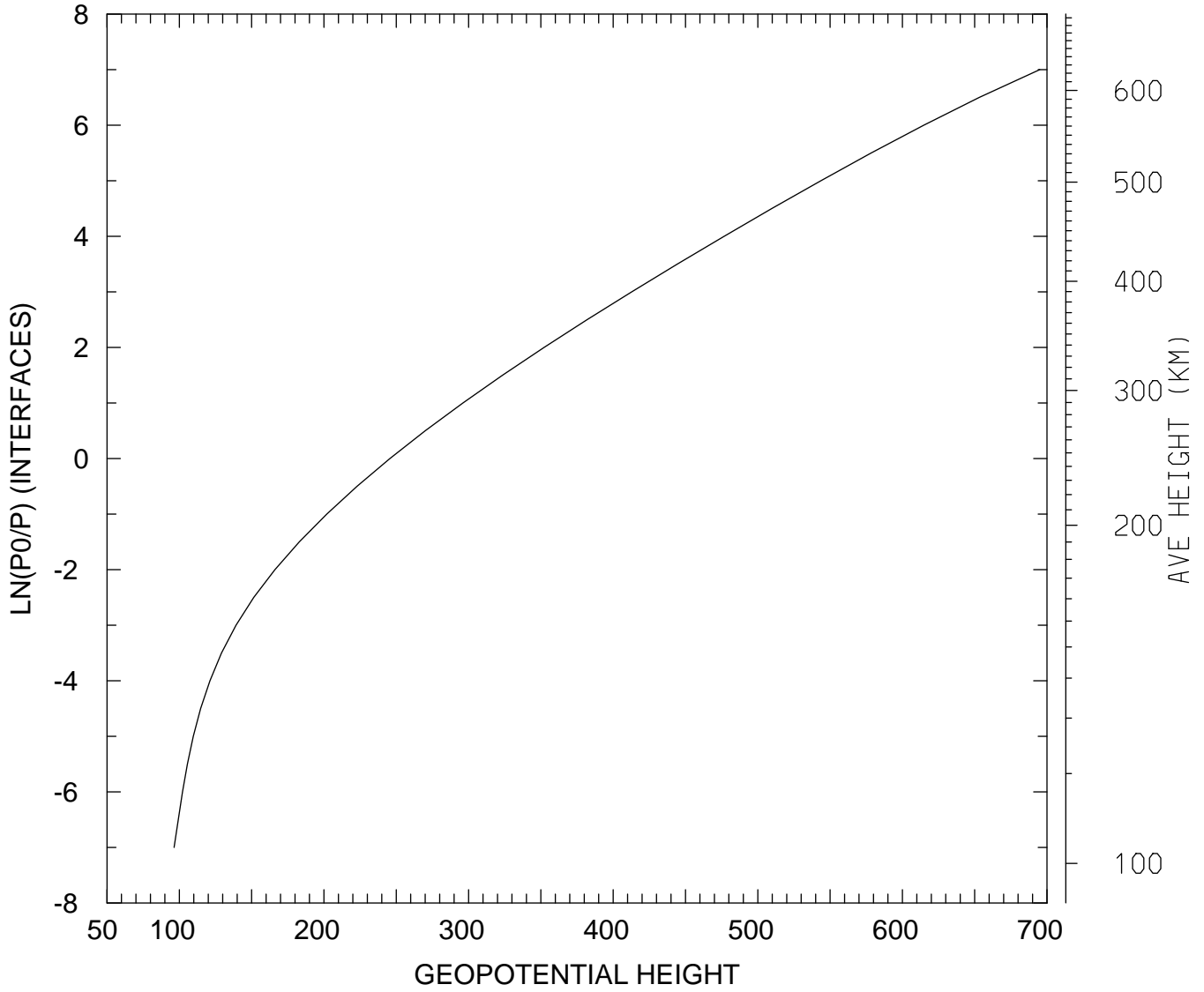
MIN,MAX= 9.6374E+01 8.2449E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



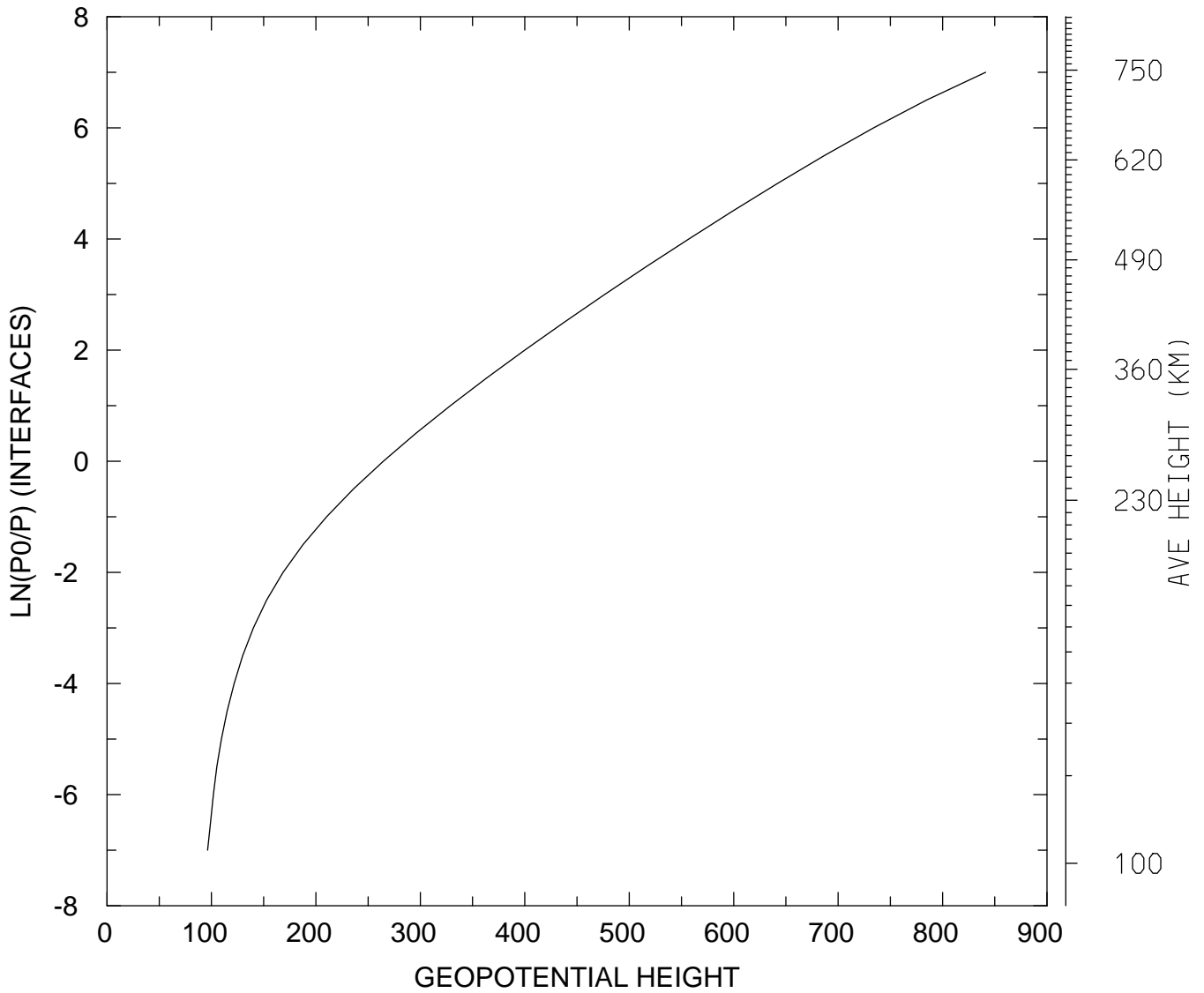
MIN,MAX= 9.6372E+01 7.6740E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



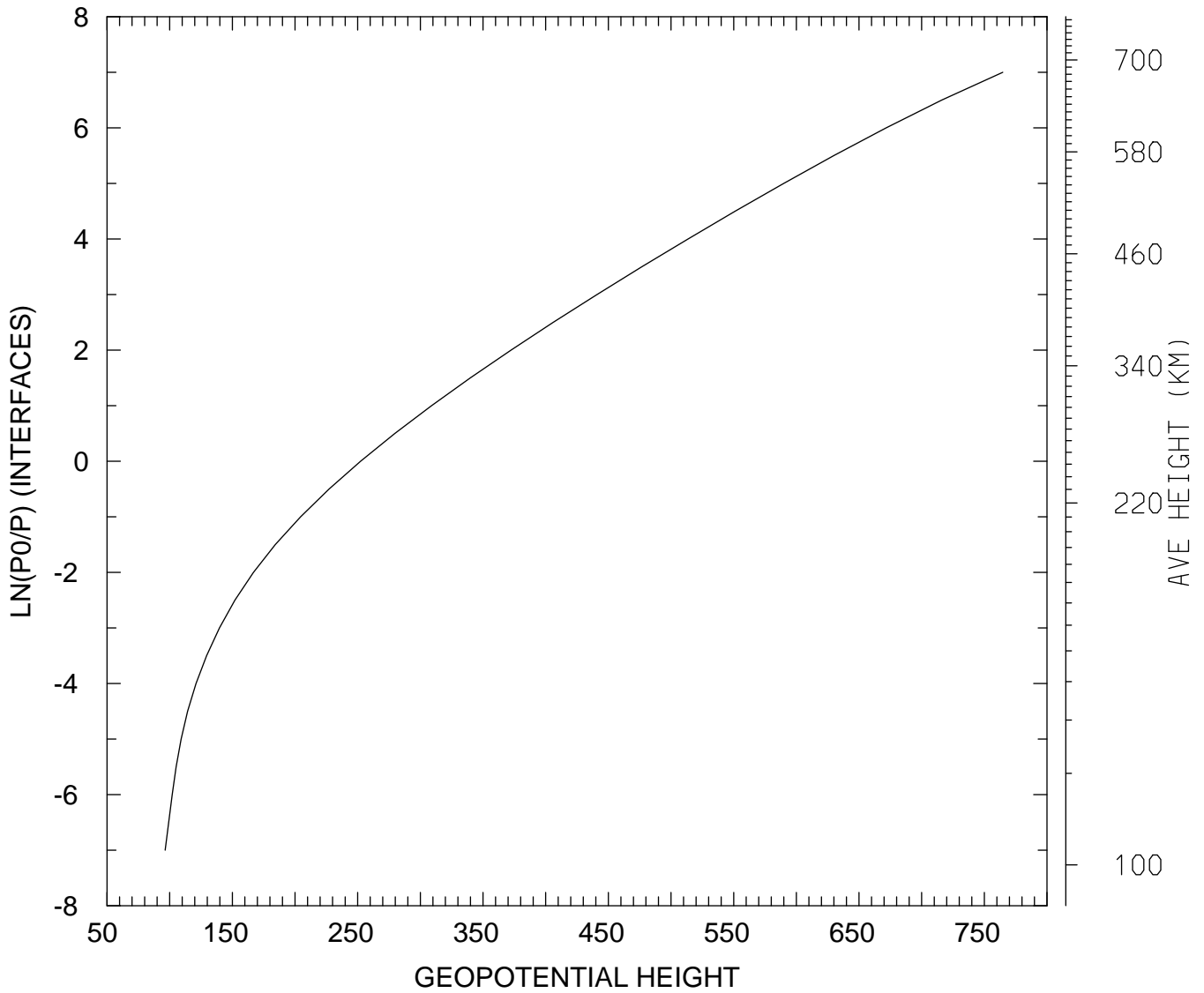
MIN,MAX= 9.6361E+01 6.9495E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



MIN,MAX= 9.6297E+01 8.4121E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

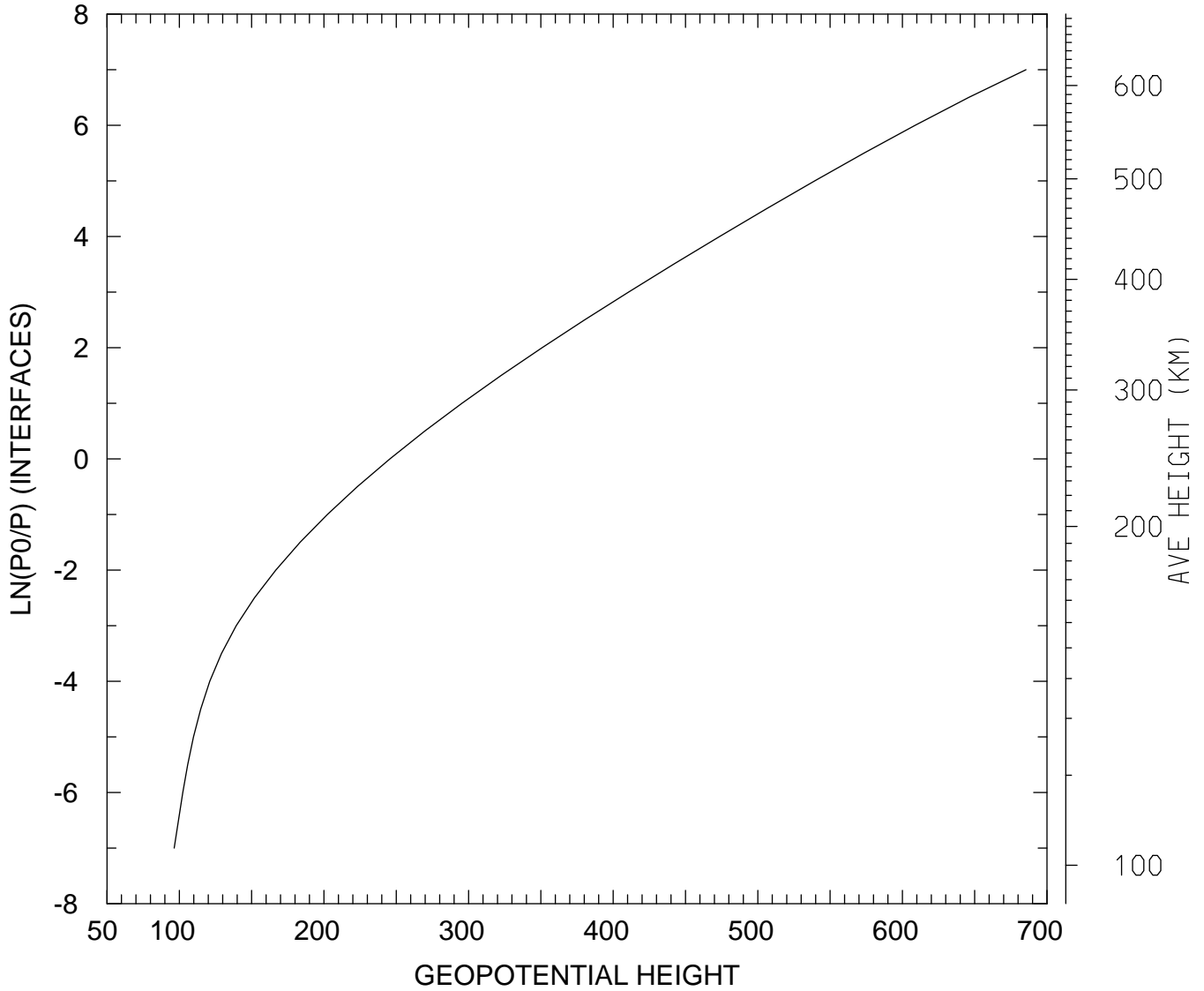
GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



MIN,MAX= 9.6371E+01 7.6470E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

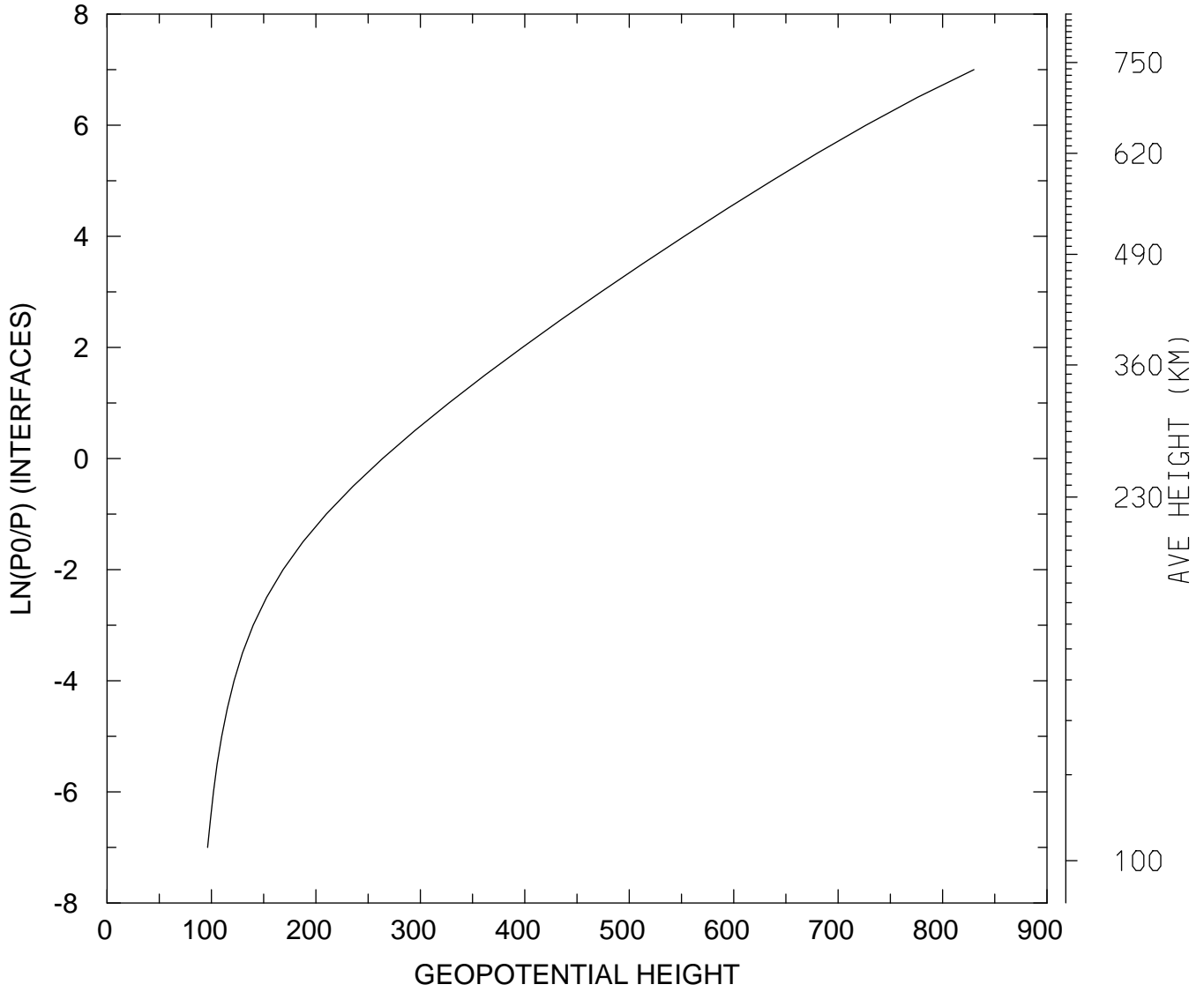


GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



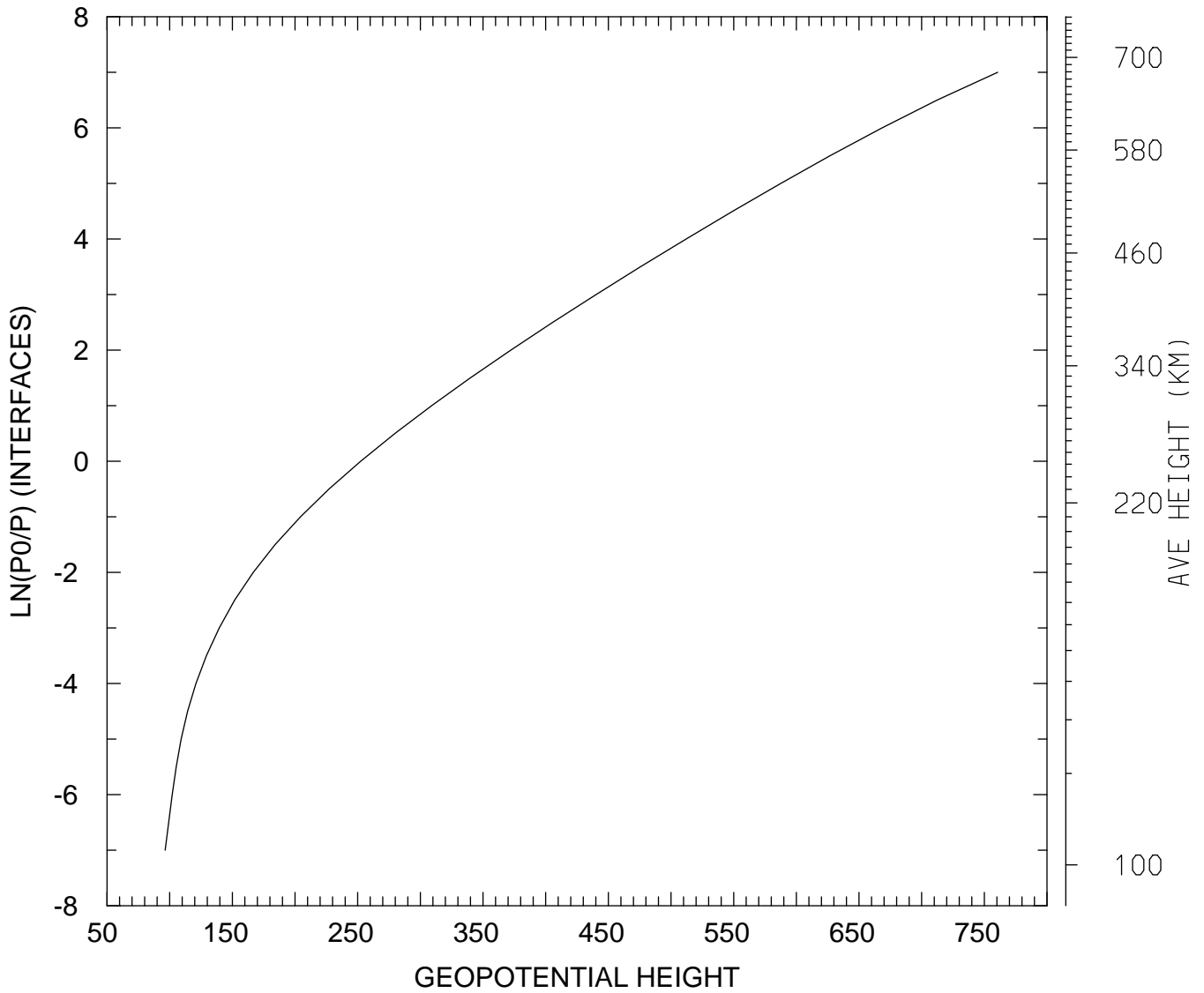
MIN,MAX= 9.6426E+01 6.8549E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



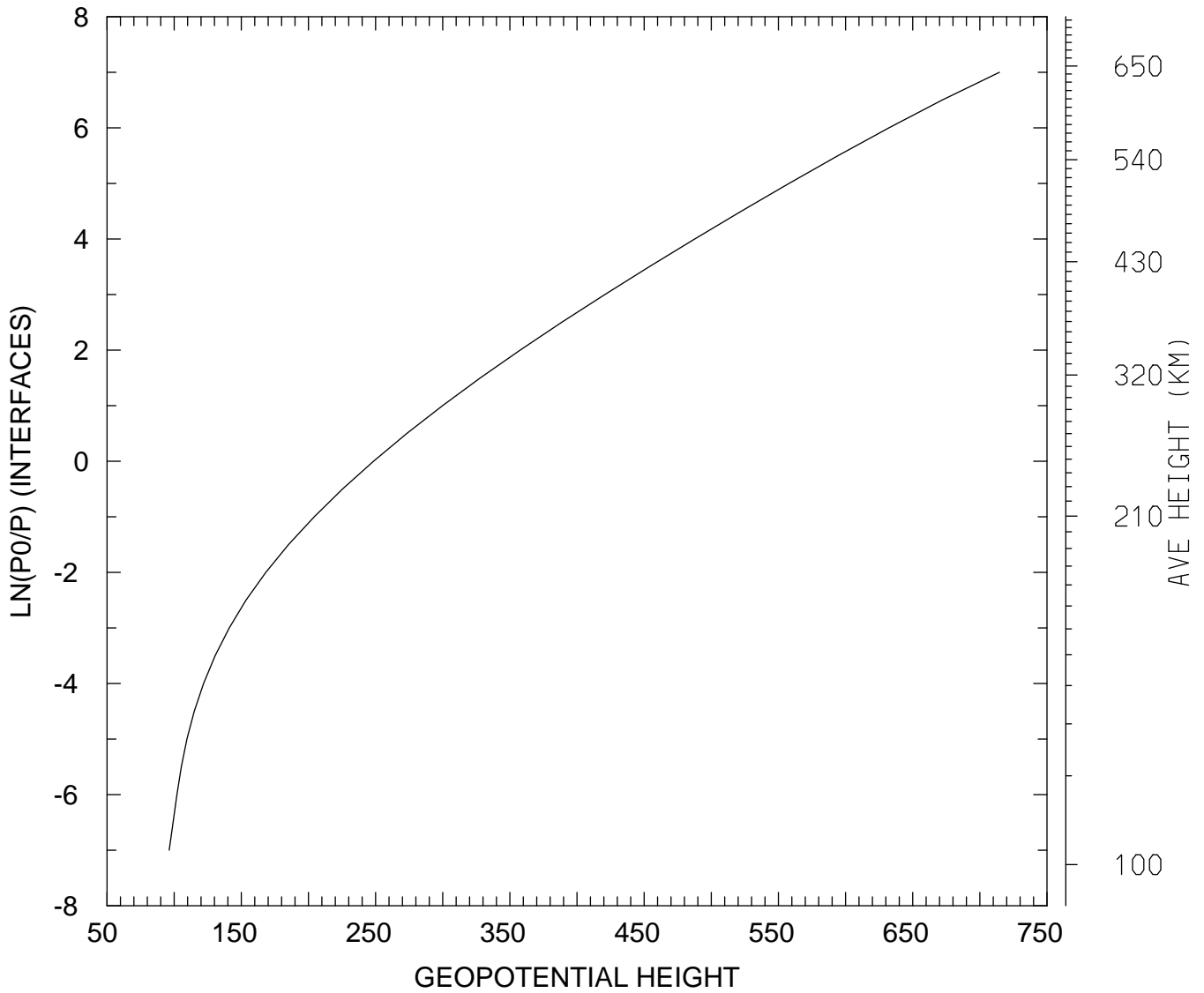
MIN,MAX= 9.6278E+01 8.3008E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



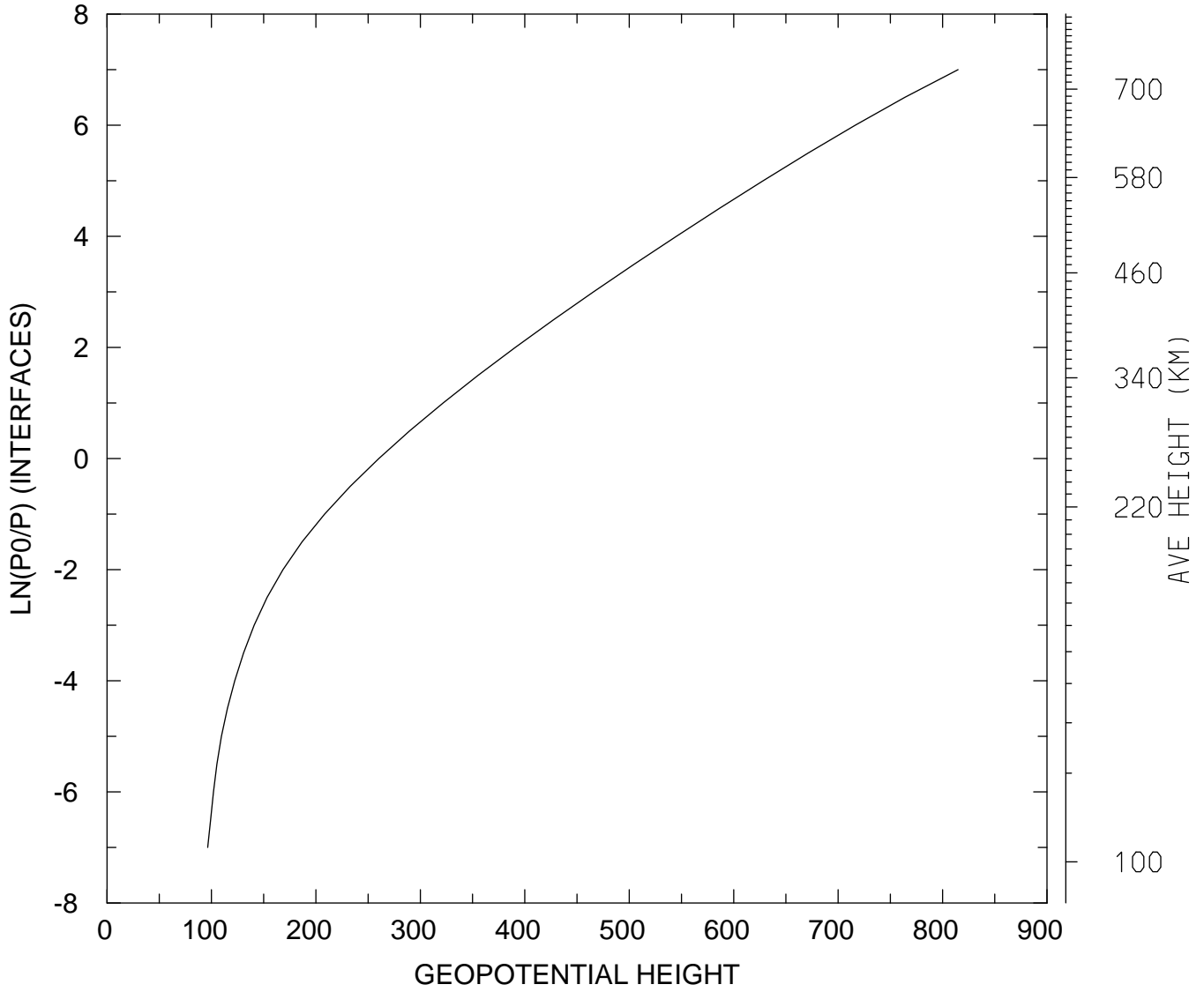
MIN,MAX= 9.6371E+01 7.6062E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



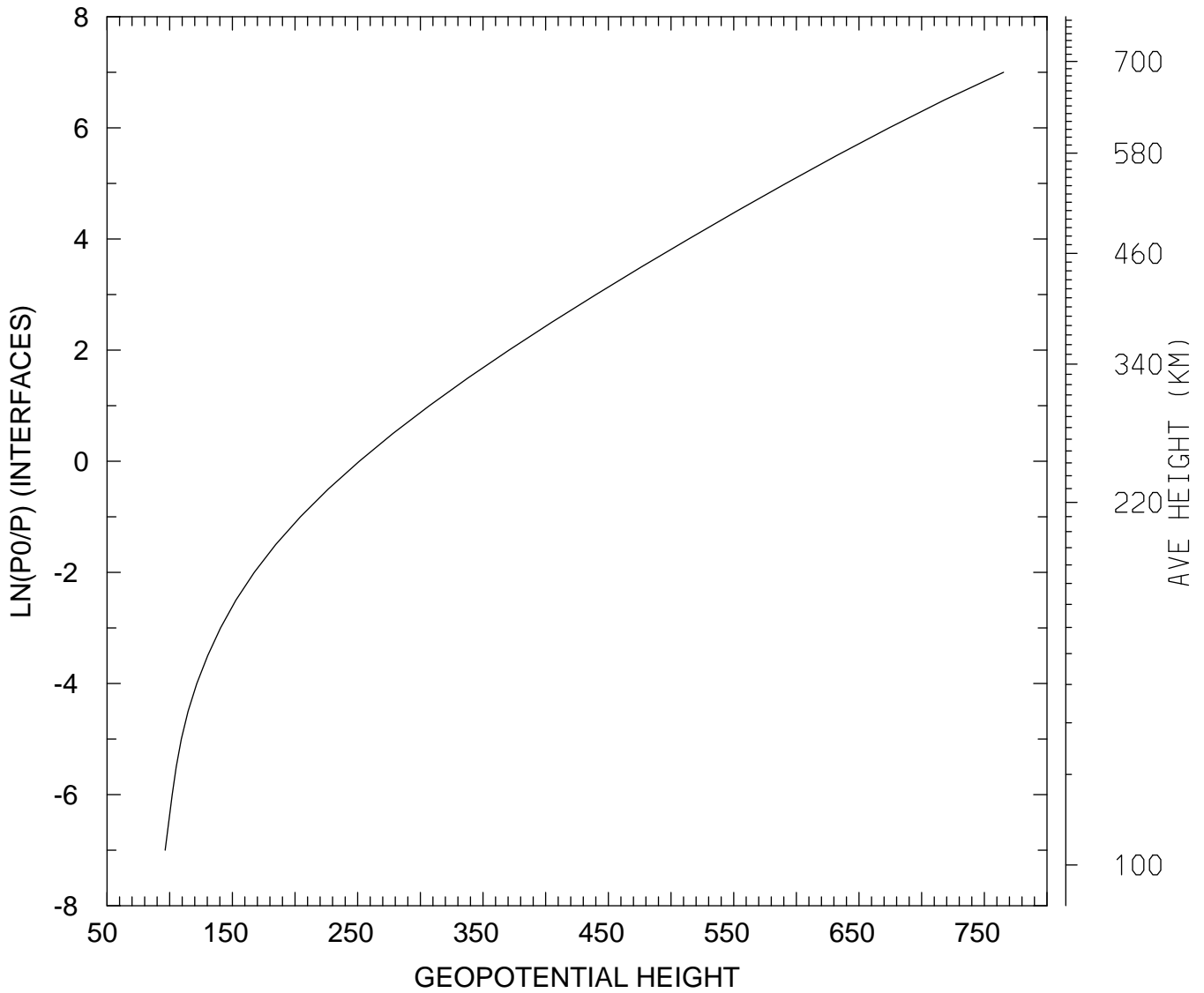
MIN,MAX= 9.6318E+01 7.1455E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



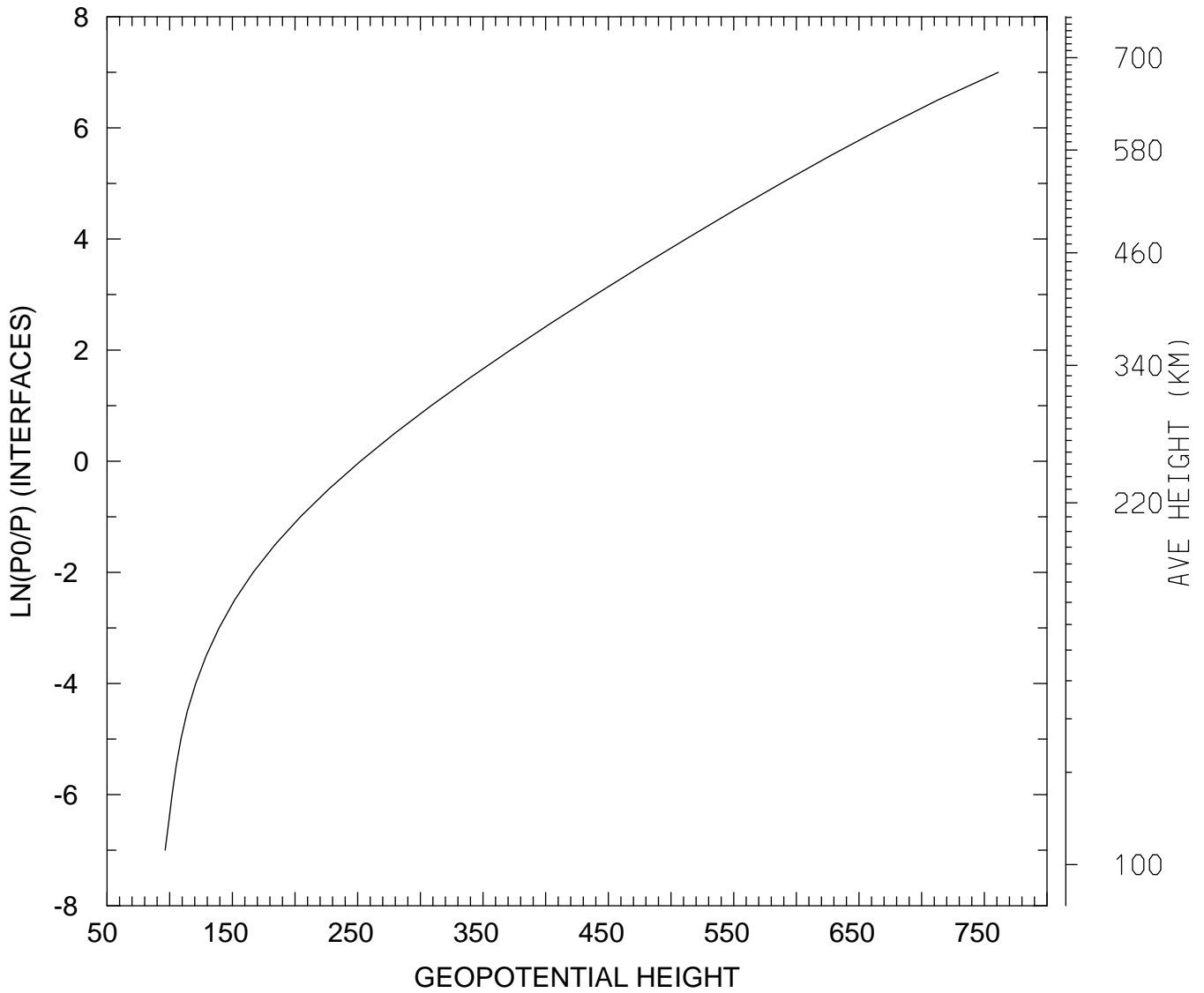
MIN,MAX= 9.6368E+01 8.1484E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



MIN,MAX= 9.6372E+01 7.6532E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 GLOBAL MEANS



MIN,MAX= 9.6372E+01 7.6119E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smax\_sech\_005.nc