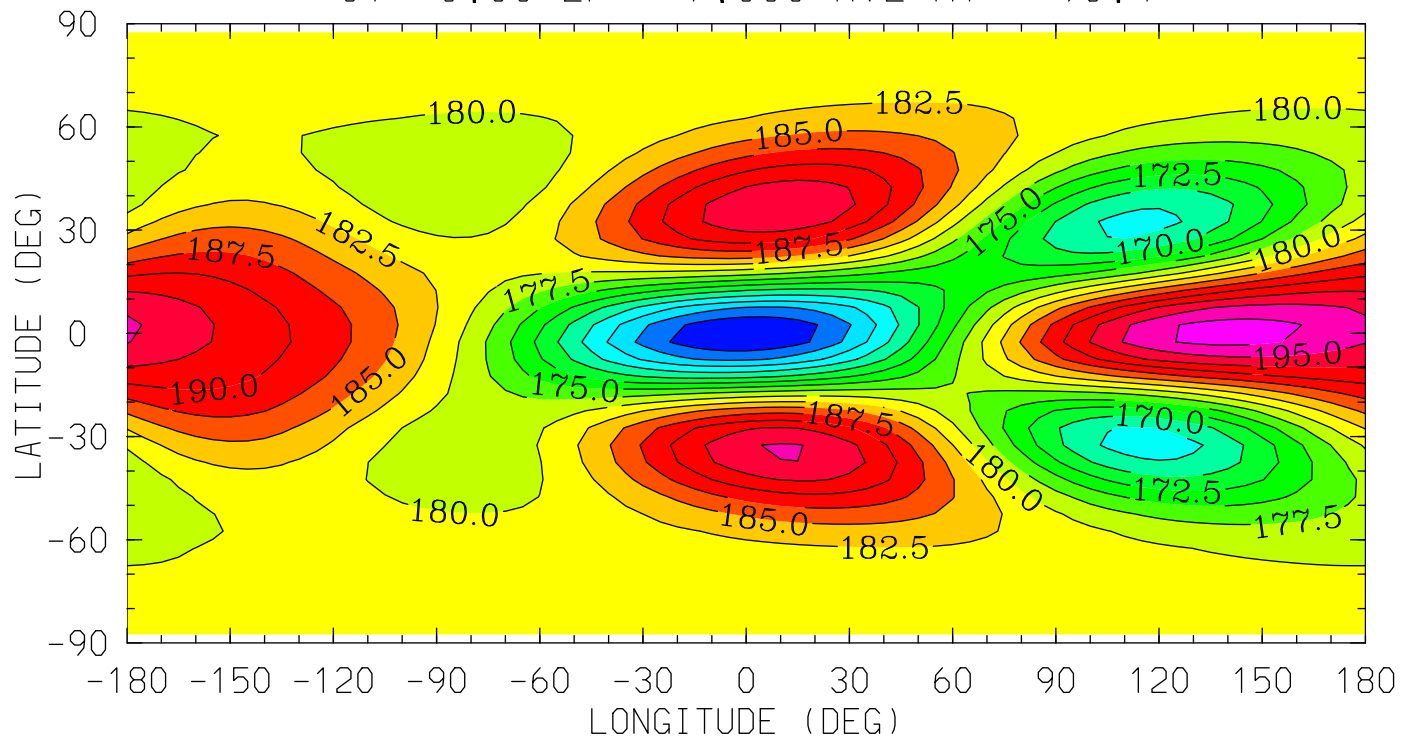


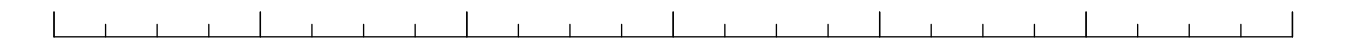
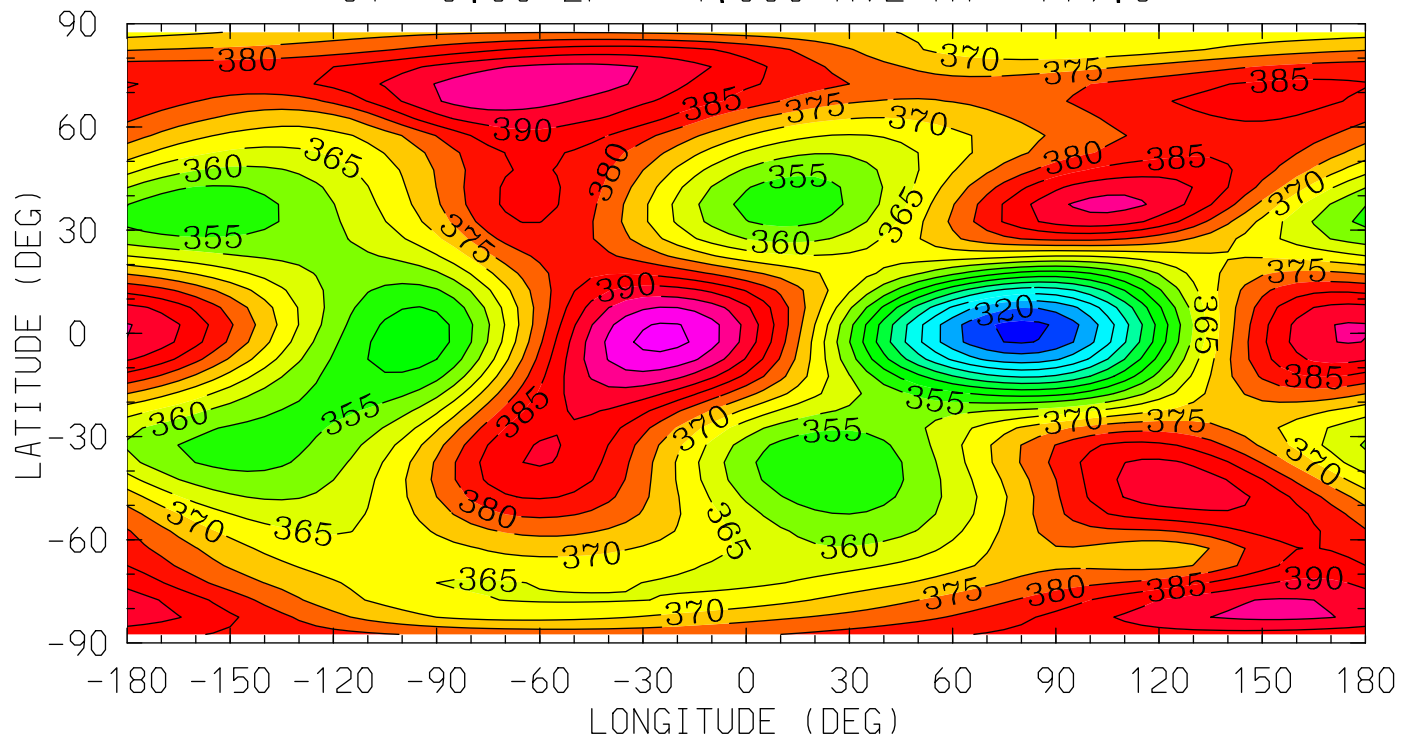
TN (DEG K)  
NEUTRAL TEMPERATURE  
UT= 0.00 ZP= -7.000 AVE HT= 96.4



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

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

TN (DEG K)  
NEUTRAL TEMPERATURE  
UT= 0.00 ZP= -4.000 AVE HT= 119.3

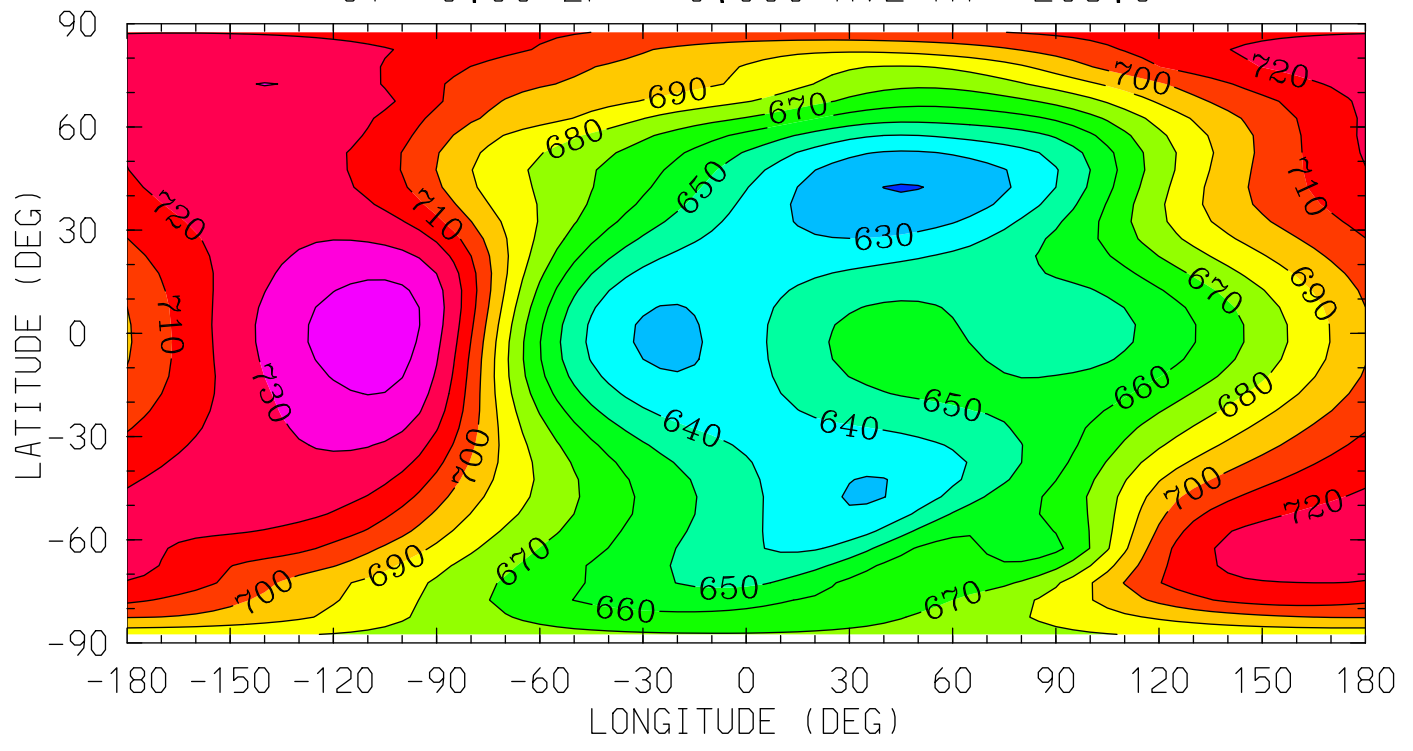


12.0 16.0 20.0 0.0 4.0 8.0 12.0

LOCAL TIME (HRS)

MIN,MAX= 3.1348E+02 4.0673E+02 INTERVAL= 5.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

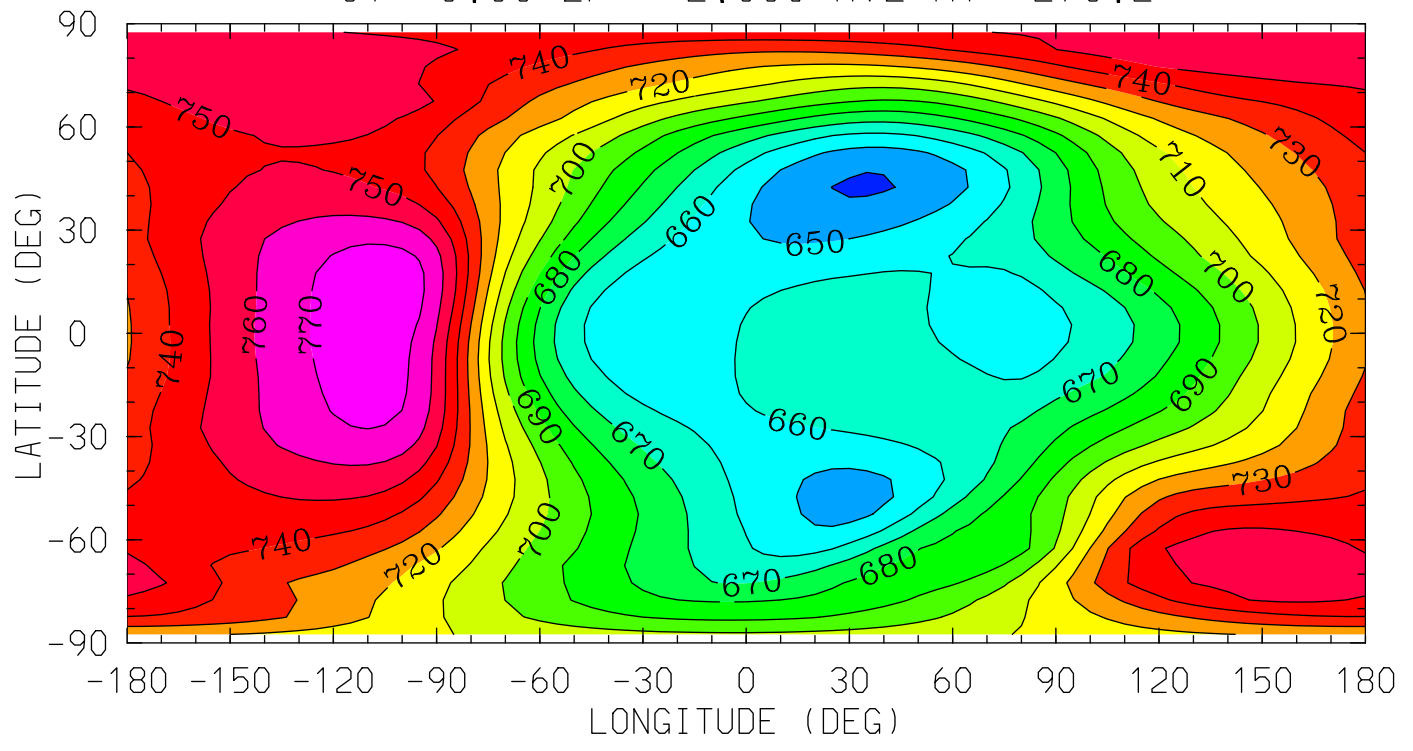
TN (DEG K)  
NEUTRAL TEMPERATURE  
UT= 0.00 ZP= 0.000 AVE HT= 208.6



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

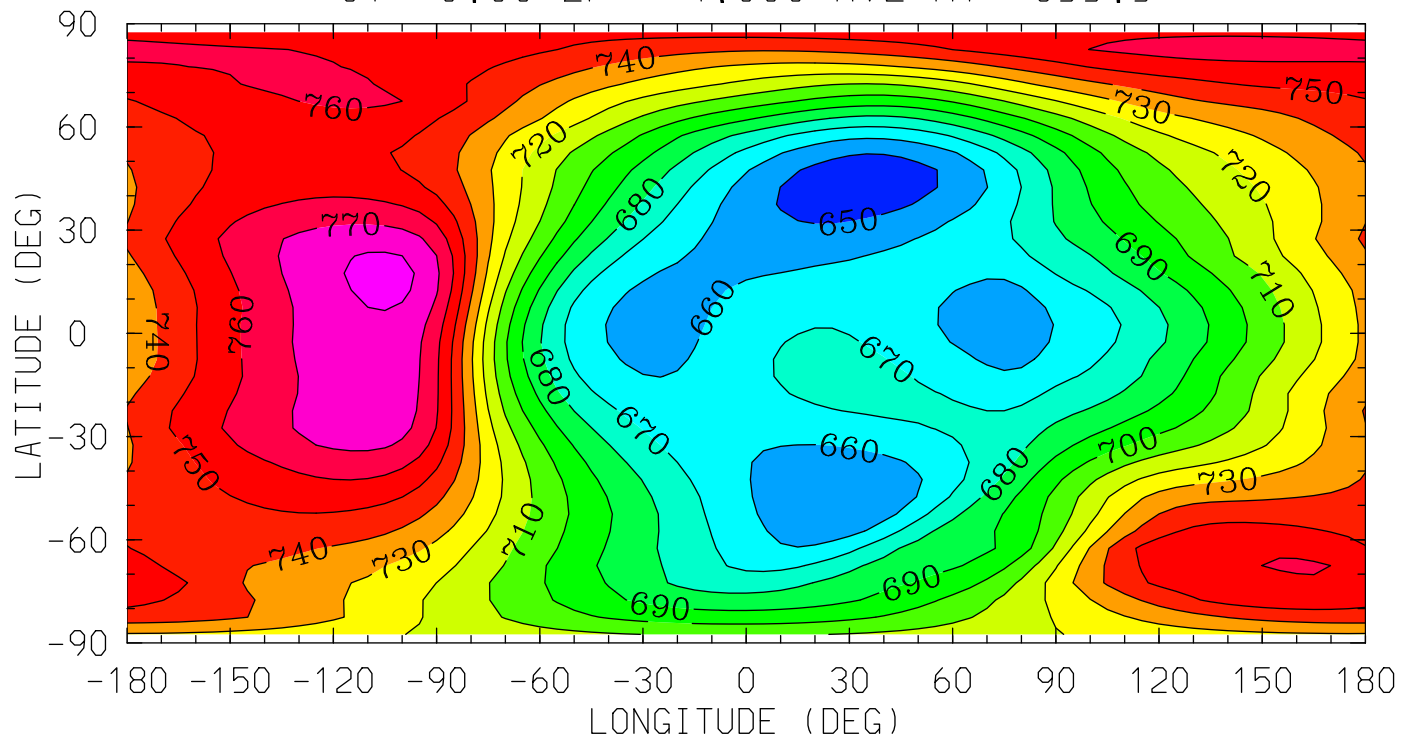
MIN,MAX= 6.1960E+02 7.4580E+02 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

TN (DEG K)  
NEUTRAL TEMPERATURE  
UT= 0.00 ZP= 2.000 AVE HT= 276.2



MIN,MAX= 6.3882E+02 7.7691E+02 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

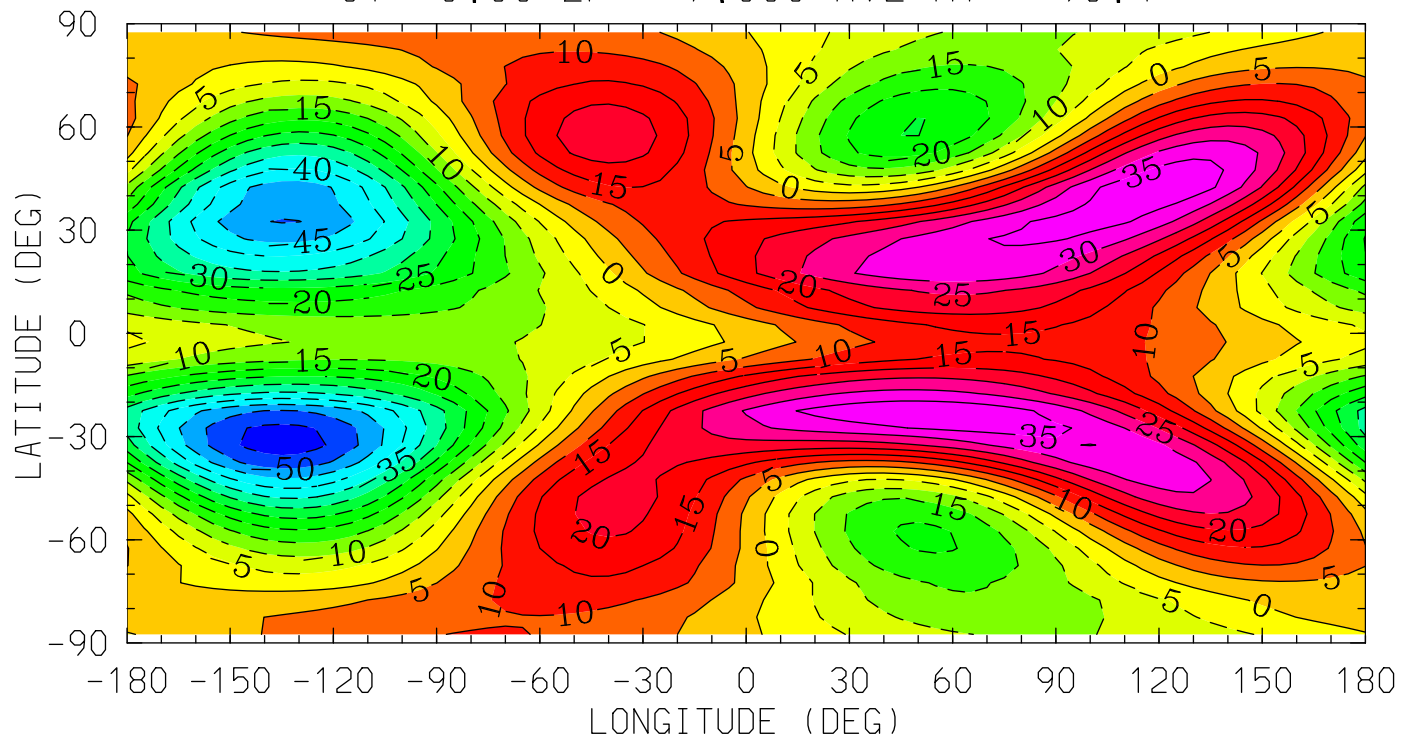
TN (DEG K)  
NEUTRAL TEMPERATURE  
UT= 0.00 ZP= 4.000 AVE HT= 355.5



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

MIN,MAX= 6.4319E+02 7.8308E+02 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

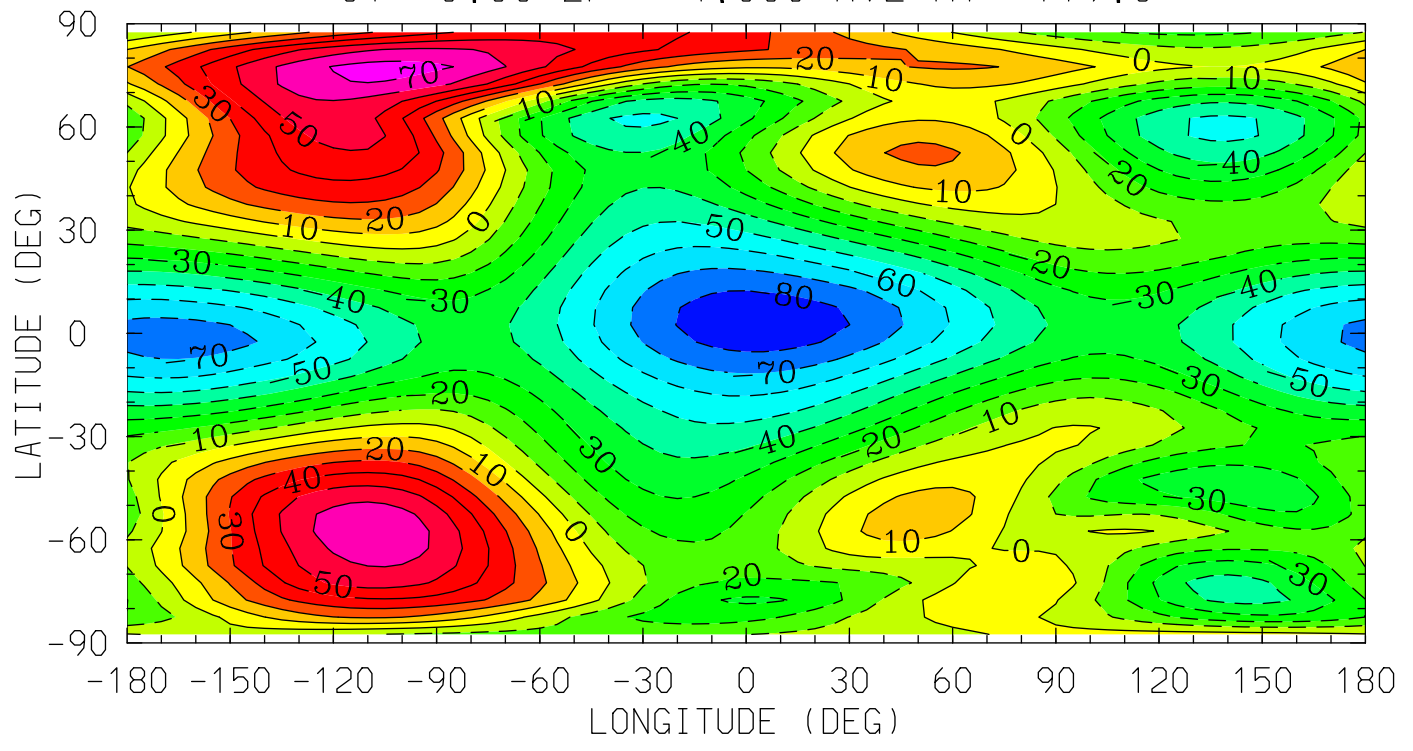
UN (M/S)  
NEUTRAL ZONAL WIND  
UT= 0.00 ZP= -7.000 AVE HT= 96.4



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

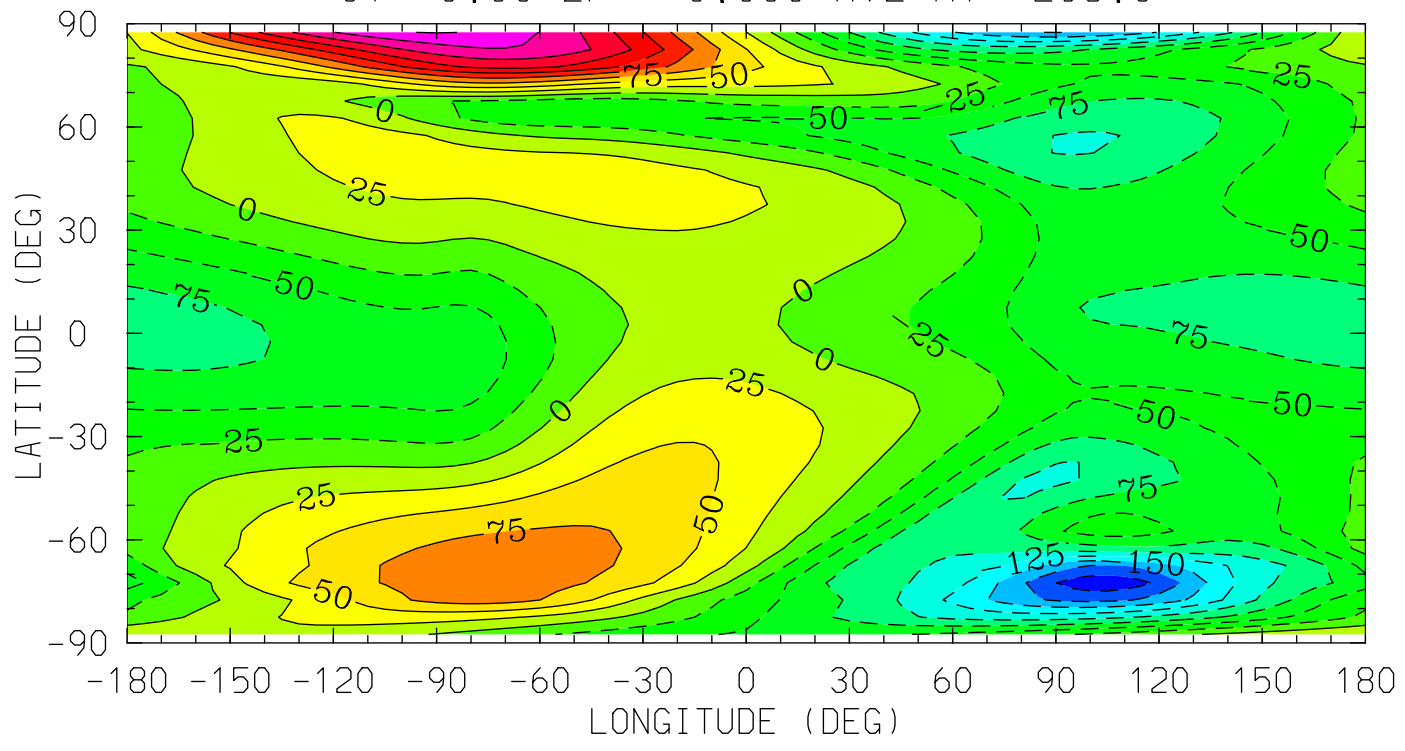
MIN,MAX= -5.7660E+01 3.9553E+01 INTERVAL= 5.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

UN (M/S)  
NEUTRAL ZONAL WIND  
UT= 0.00 ZP= -4.000 AVE HT= 119.3



MIN,MAX= -8.7595E+01 7.4392E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

UN (M/S)  
NEUTRAL ZONAL WIND  
UT= 0.00 ZP= 0.000 AVE HT= 208.6

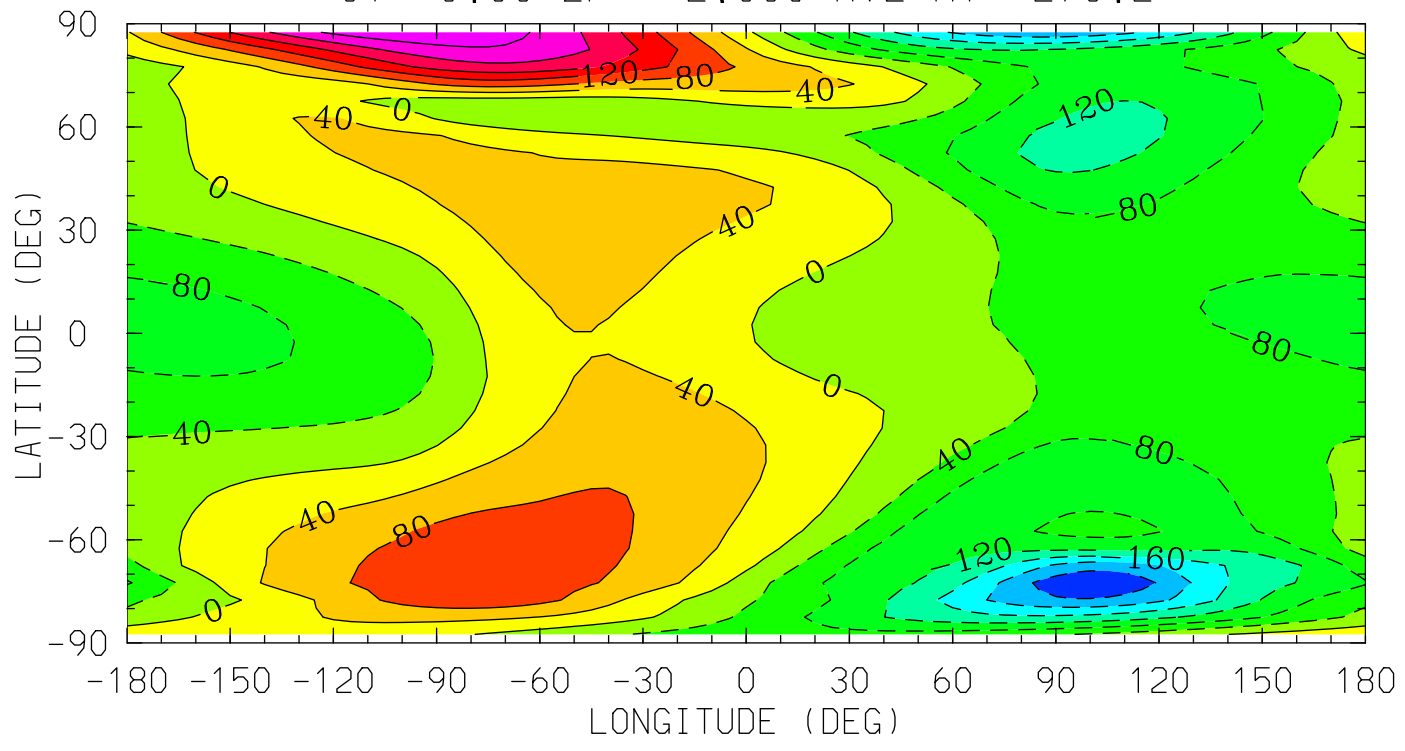


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -2.1763E+02 2.2613E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc



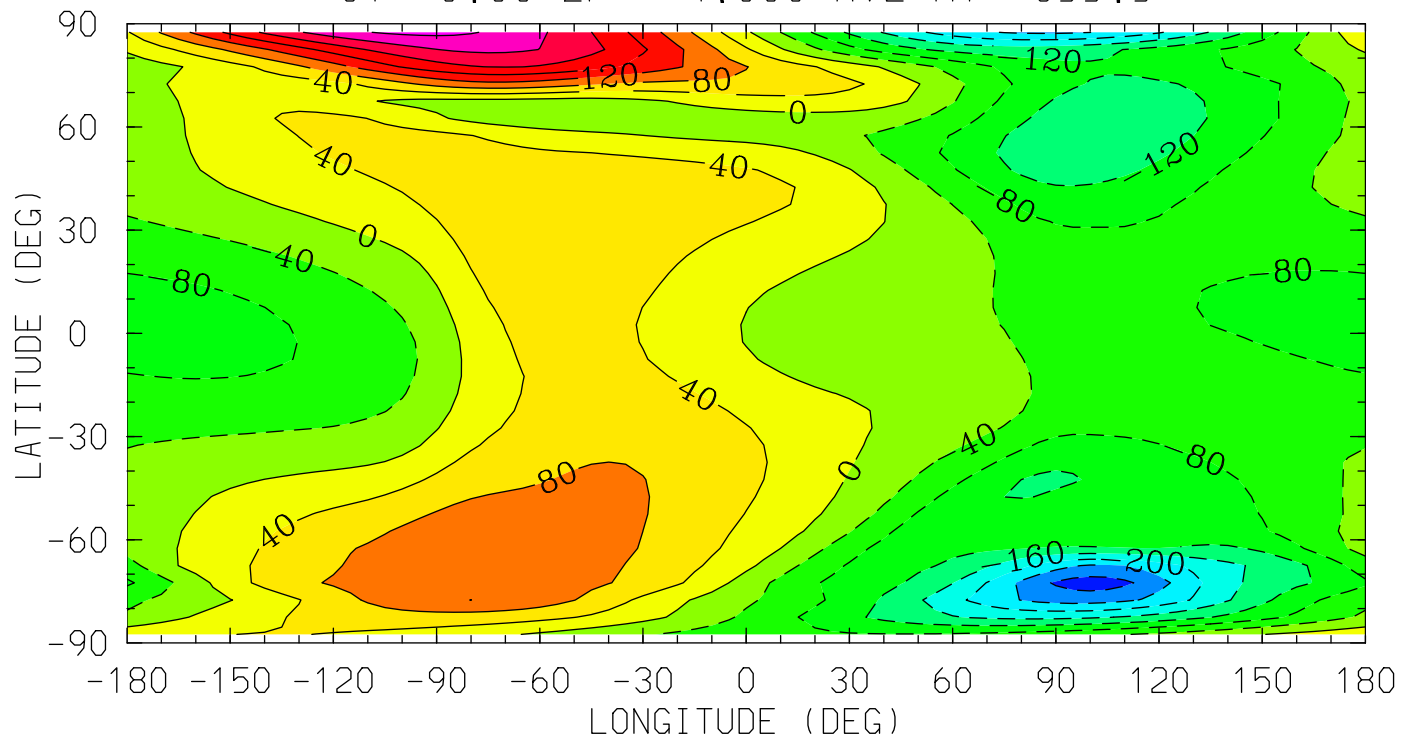
UN (M/S)  
NEUTRAL ZONAL WIND  
UT= 0.00 ZP= 2.000 AVE HT= 276.2



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

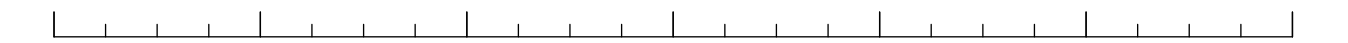
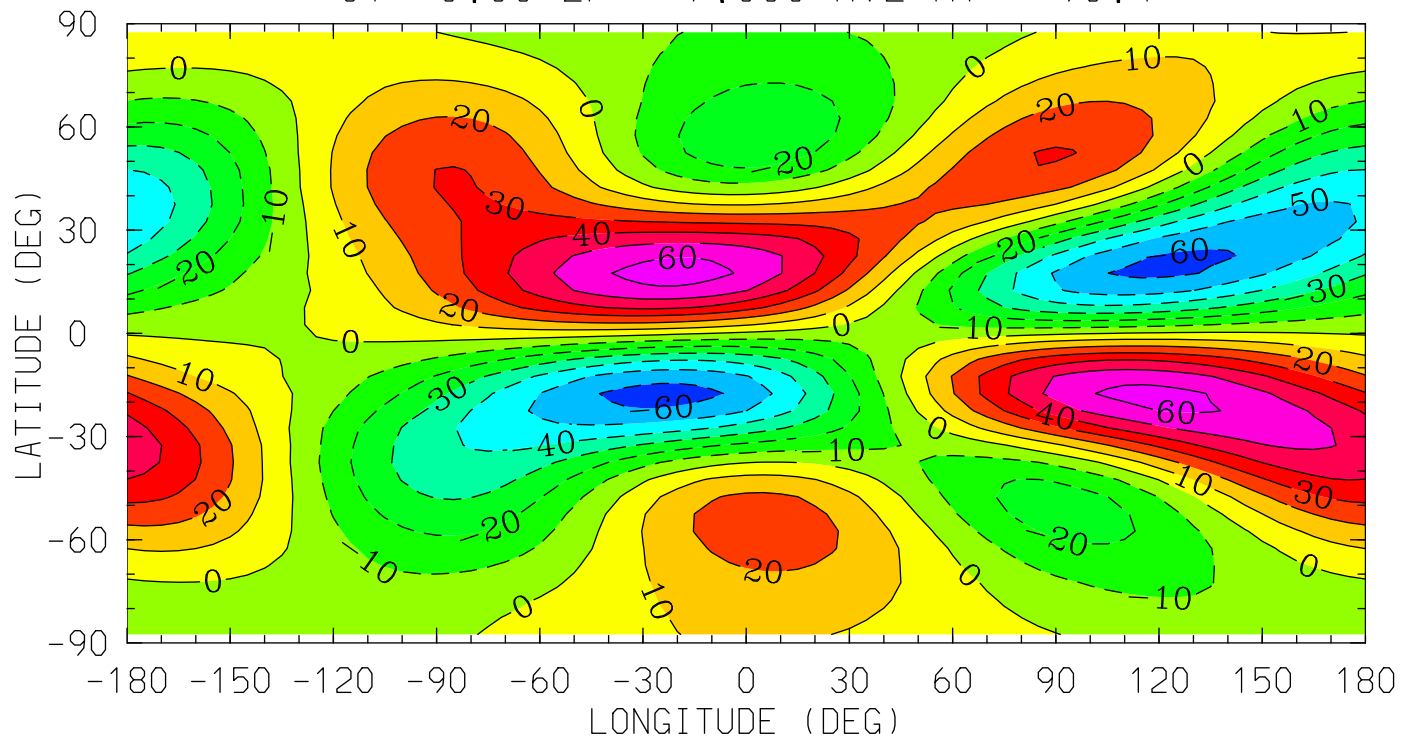
MIN,MAX= -2.7743E+02 2.7449E+02 INTERVAL= 4.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

UN (M/S)  
NEUTRAL ZONAL WIND  
UT= 0.00 ZP= 4.000 AVE HT= 355.5



MIN,MAX= -2.9997E+02 2.8985E+02 INTERVAL= 4.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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

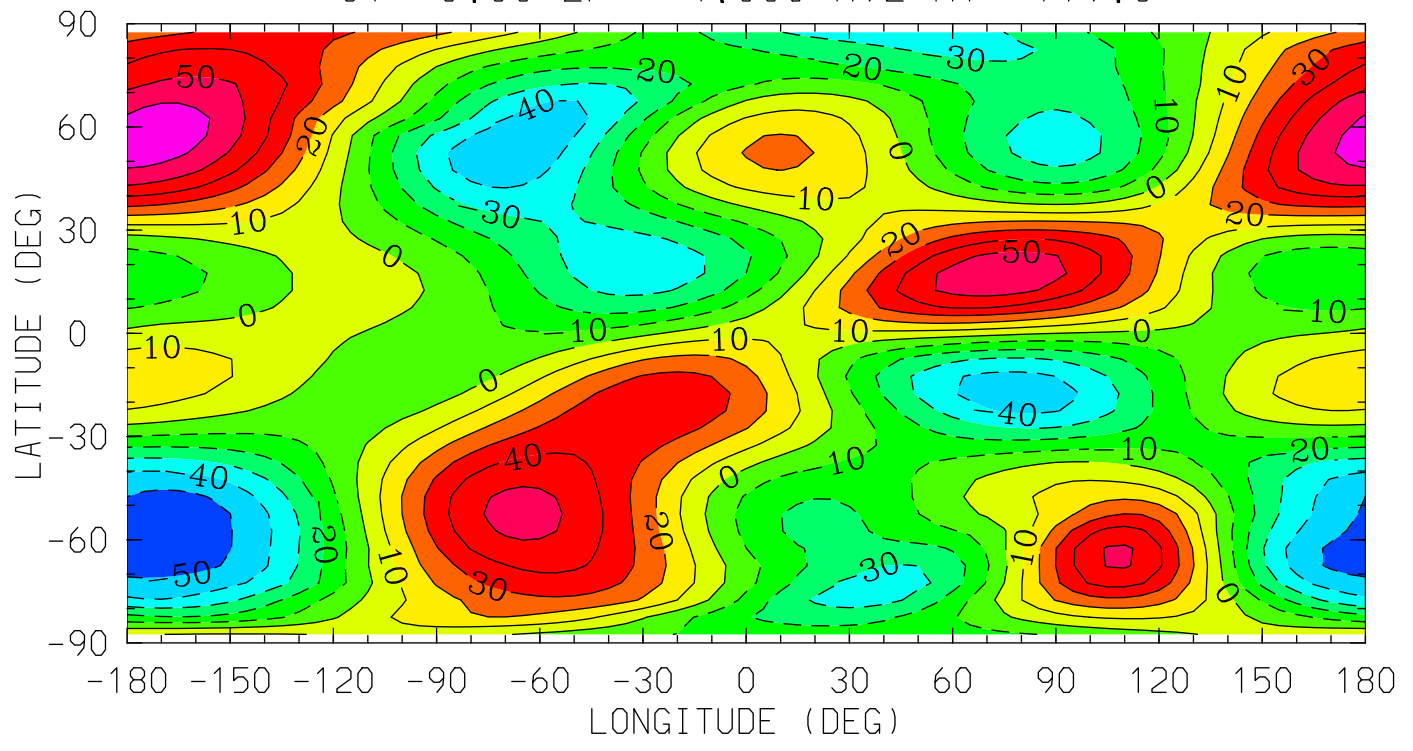


12.0 16.0 20.0 0.0 4.0 8.0 12.0

LOCAL TIME (HRS)

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

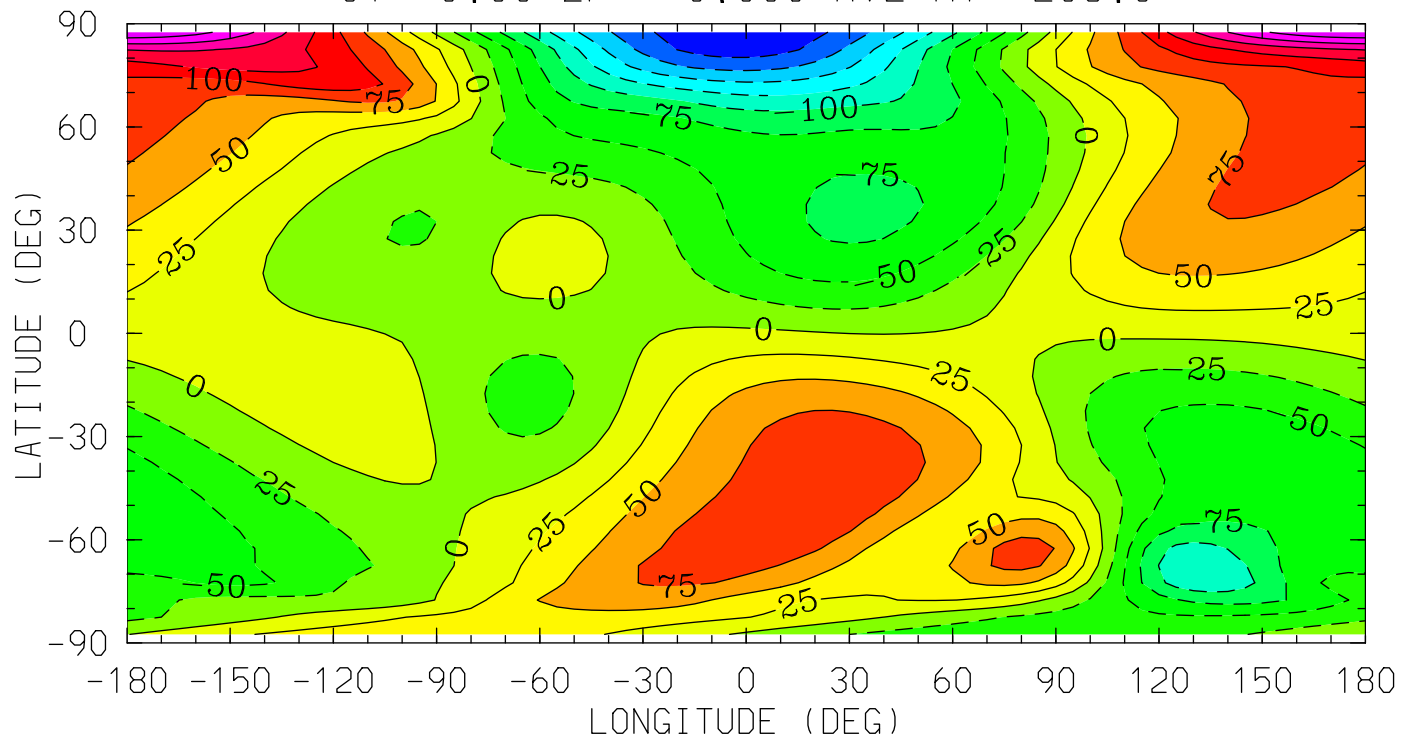
VN (M/S)  
NEUTRAL MERIDIONAL WIND  
UT= 0.00 ZP= -4.000 AVE HT= 119.3



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

MIN,MAX= -5.5733E+01 6.6184E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

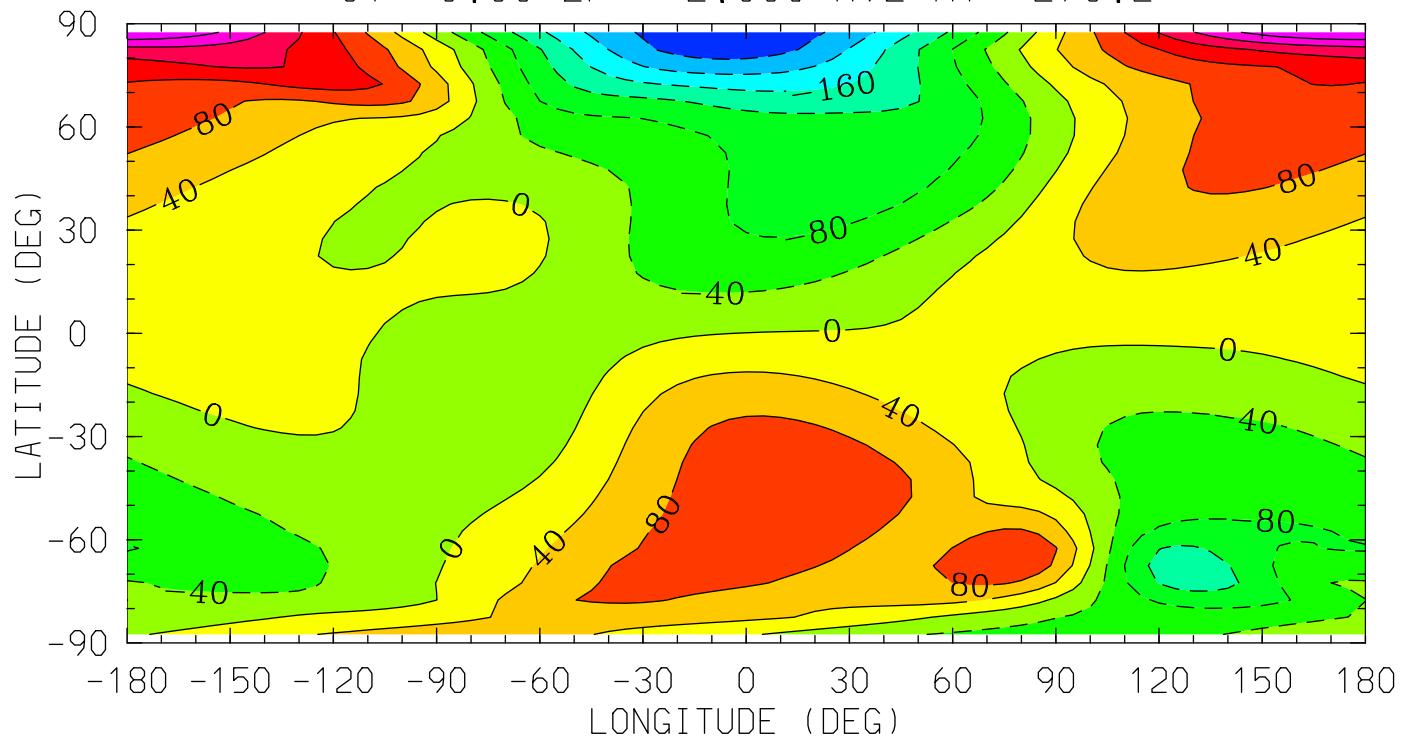
VN (M/S)  
NEUTRAL MERIDIONAL WIND  
UT= 0.00 ZP= 0.000 AVE HT= 208.6



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

MIN,MAX= -2.2113E+02 2.2294E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

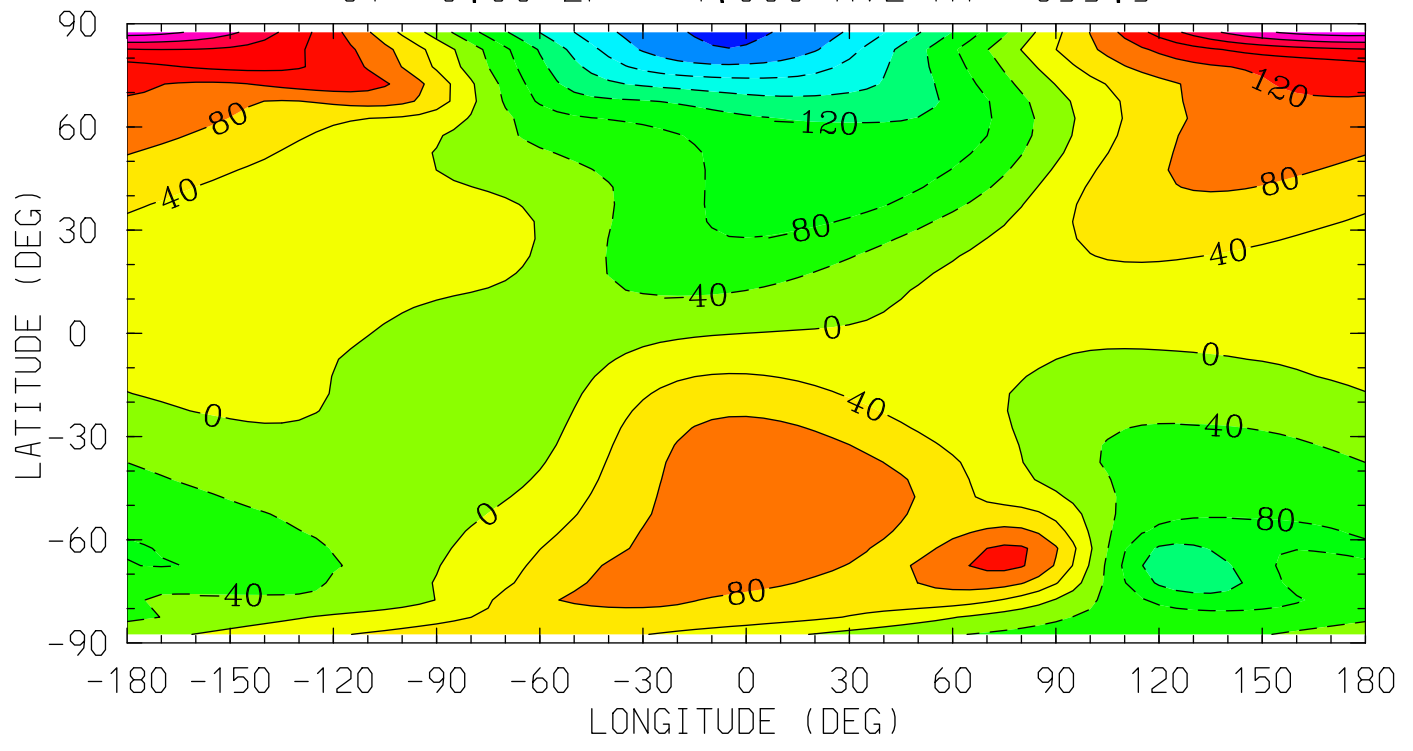
VN (M/S)  
NEUTRAL MERIDIONAL WIND  
UT= 0.00 ZP= 2.000 AVE HT= 276.2



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

MIN,MAX= -2.7147E+02 2.8036E+02 INTERVAL= 4.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

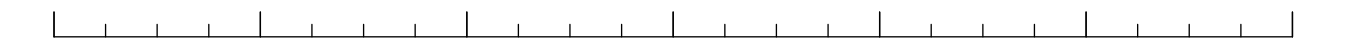
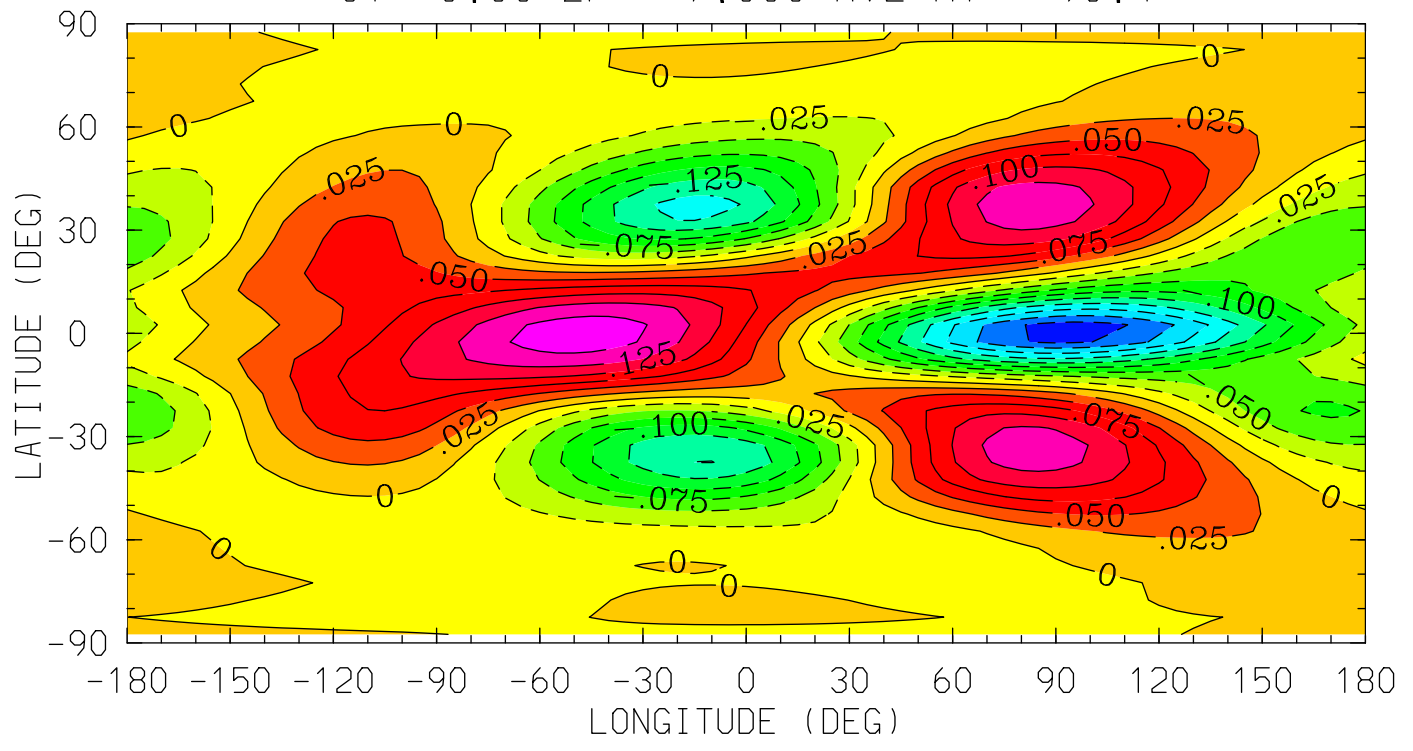
VN (M/S)  
NEUTRAL MERIDIONAL WIND  
UT= 0.00 ZP= 4.000 AVE HT= 355.5



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

MIN,MAX= -2.8691E+02 2.9994E+02 INTERVAL= 4.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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

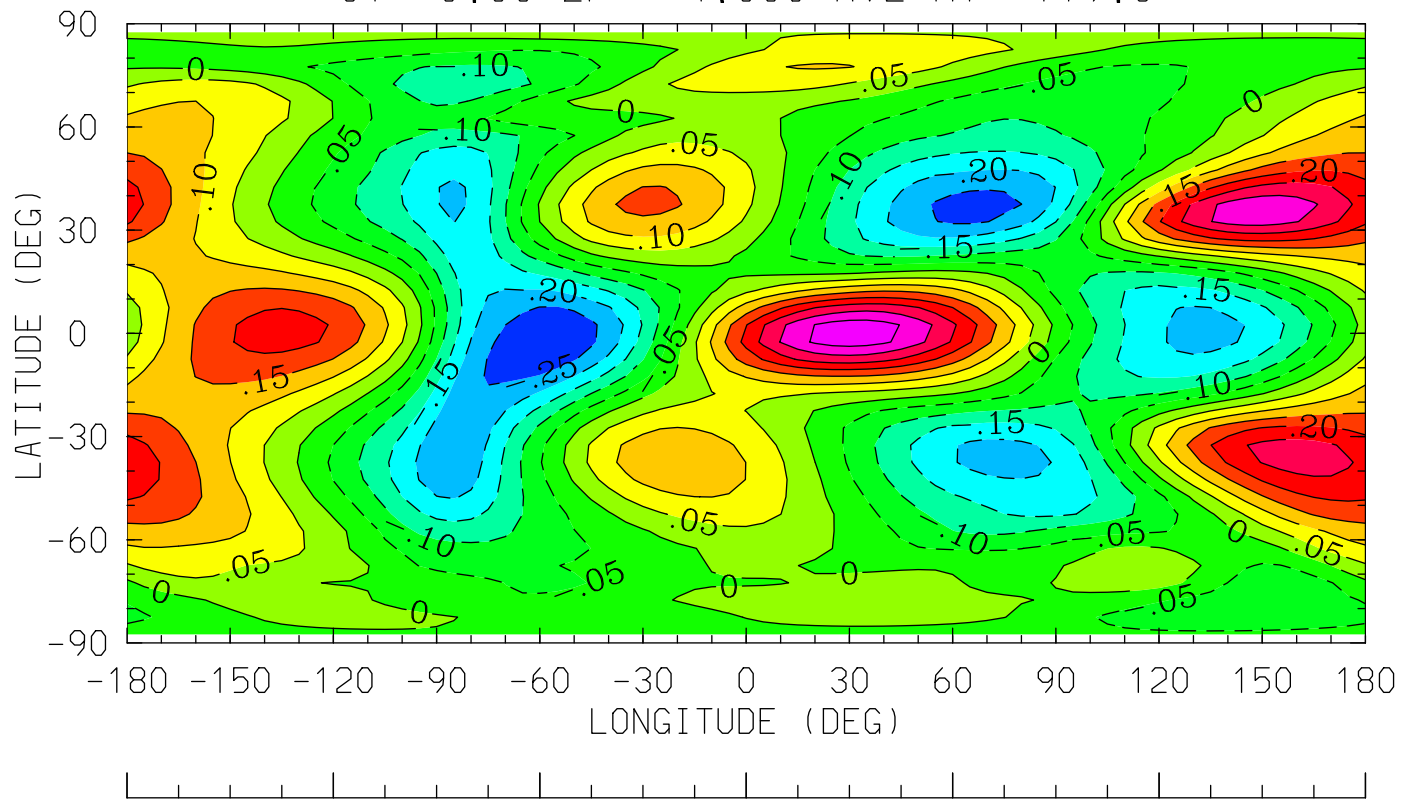


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -2.3591E-01 1.6386E-01 INTERVAL= 2.5000E-02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc



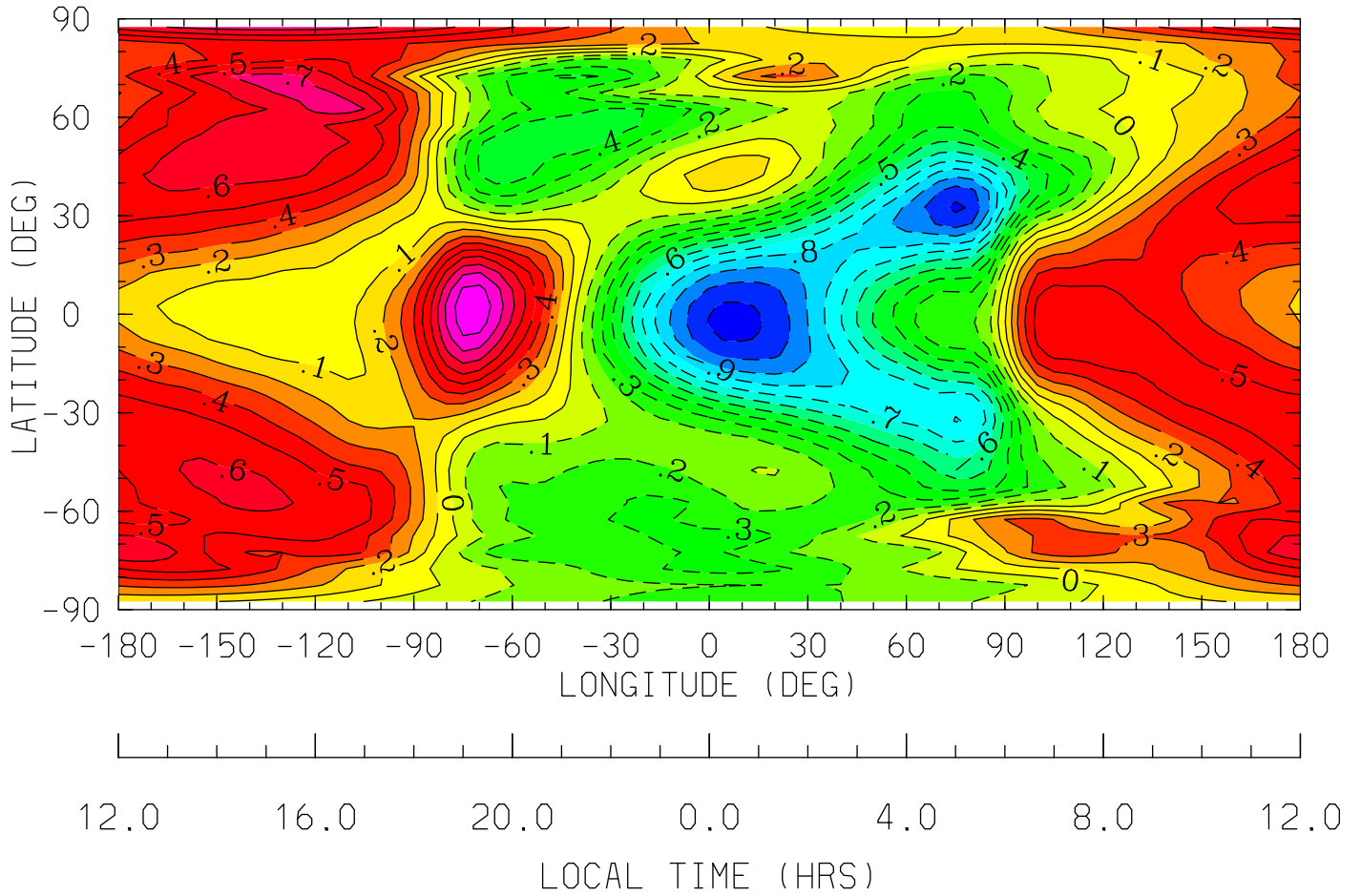
WN (M/S)  
NEUTRAL VERTICAL WIND (PLUS UP)  
UT= 0.00 ZP= -4.000 AVE HT= 119.3



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

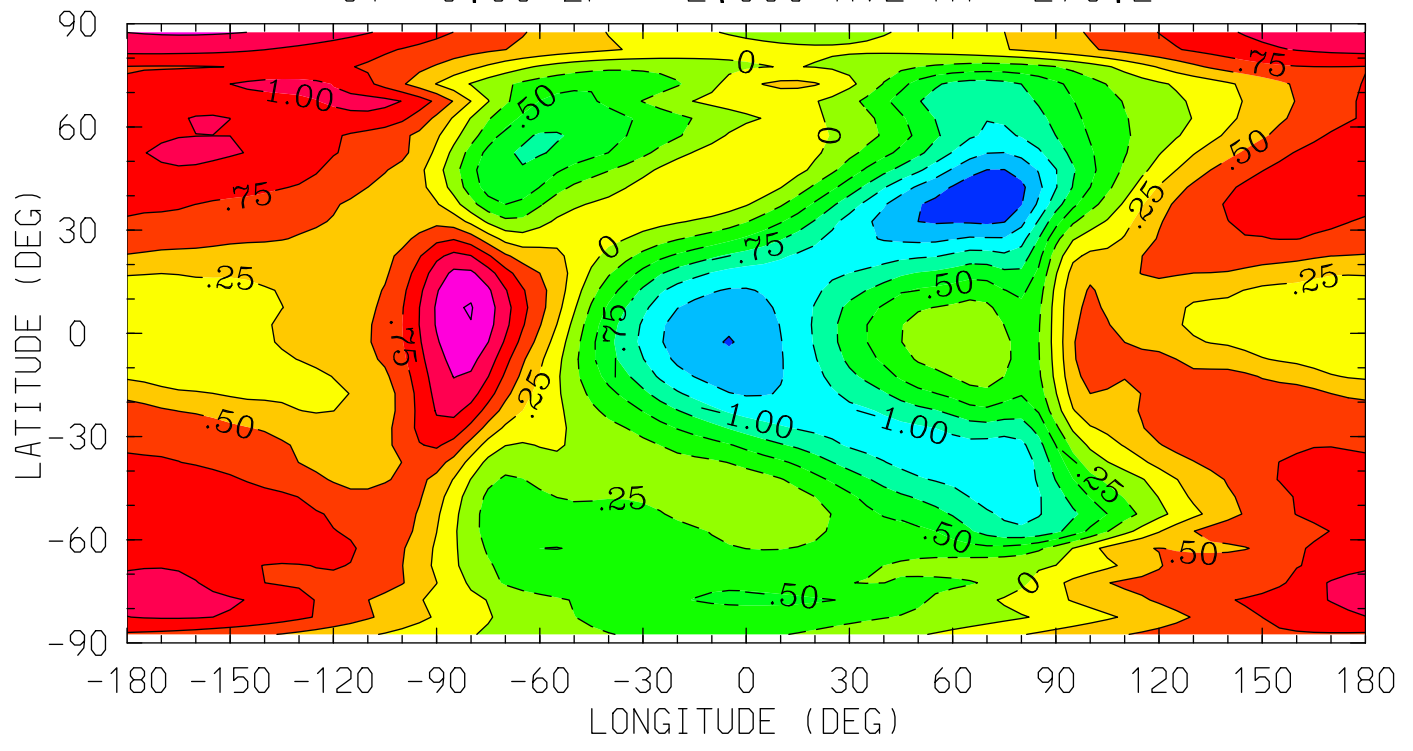
MIN,MAX= -2.9643E-01 3.7537E-01 INTERVAL= 5.0000E-02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

WN (M/S)  
NEUTRAL VERTICAL WIND (PLUS UP)  
UT= 0.00 ZP= 0.000 AVE HT= 208.6



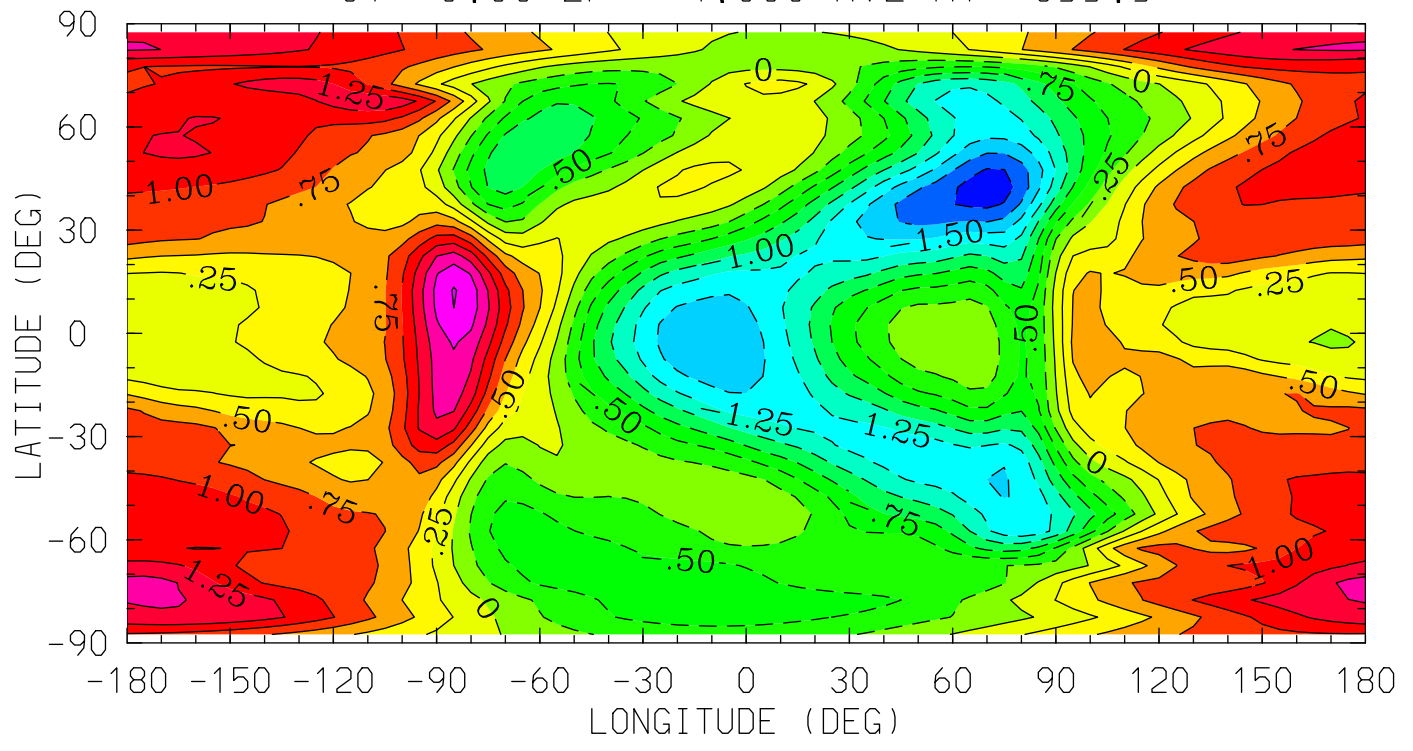
MIN,MAX= -1.1396E+00 9.7775E-01 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

WN (M/S)  
NEUTRAL VERTICAL WIND (PLUS UP)  
UT= 0.00 ZP= 2.000 AVE HT= 276.2



MIN,MAX= -1.7324E+00 1.5144E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

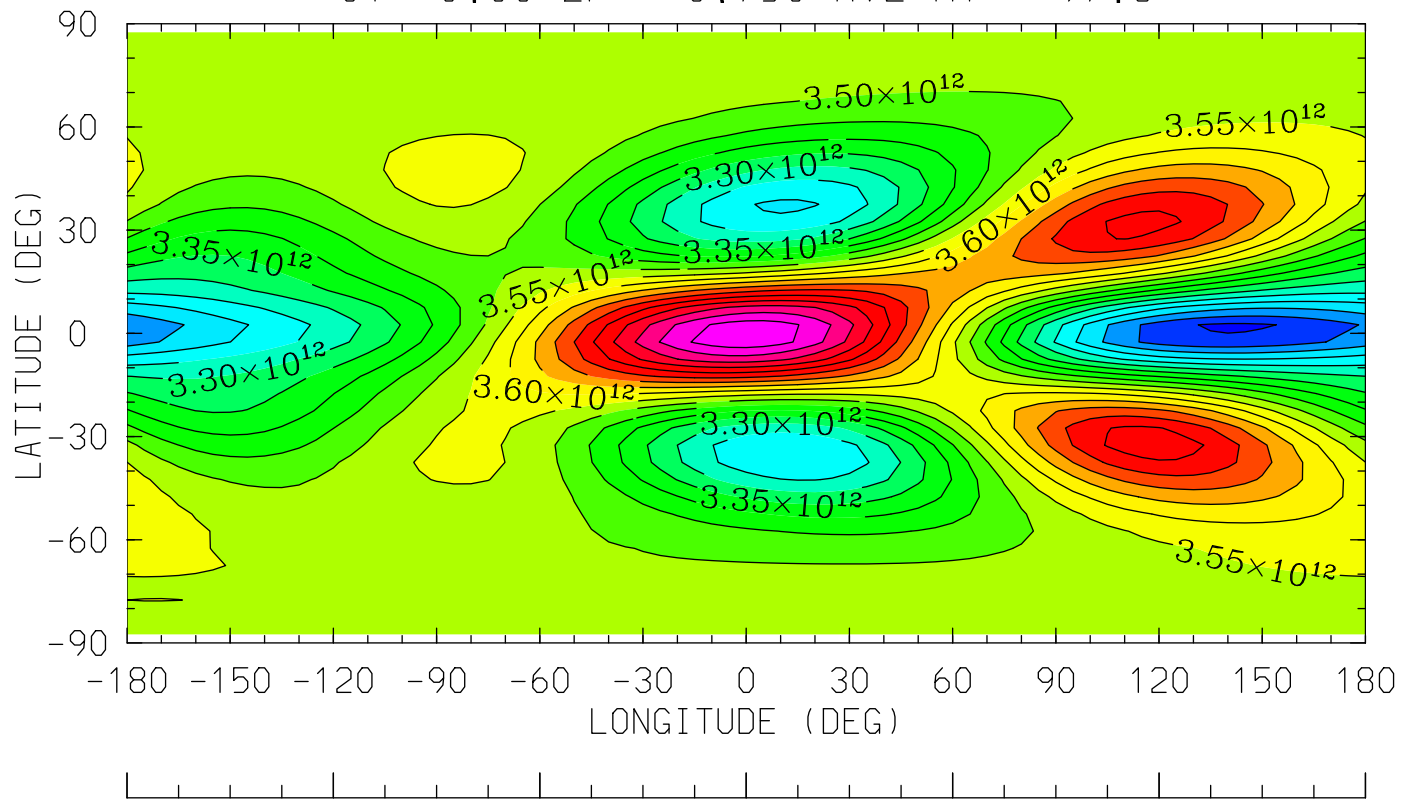
WN (M/S)  
NEUTRAL VERTICAL WIND (PLUS UP)  
UT= 0.00 ZP= 4.000 AVE HT= 355.5



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

MIN,MAX= -2.1667E+00 2.0217E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

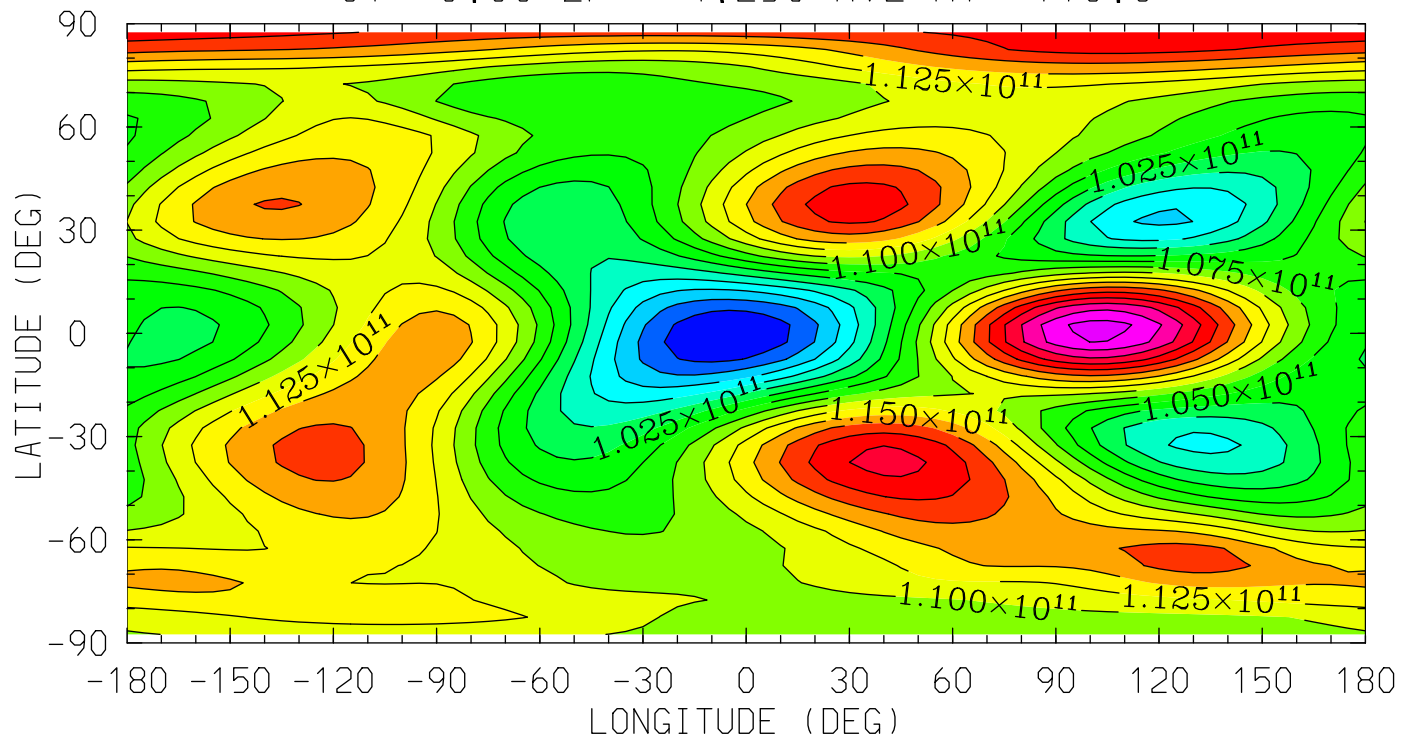
O2 (CM3)  
MOLECULAR OXYGEN  
UT= 0.00 ZP= -6.750 AVE HT= 97.8



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

MIN,MAX= 3.0418E+12 4.0342E+12 INTERVAL= 5.0000E+10  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

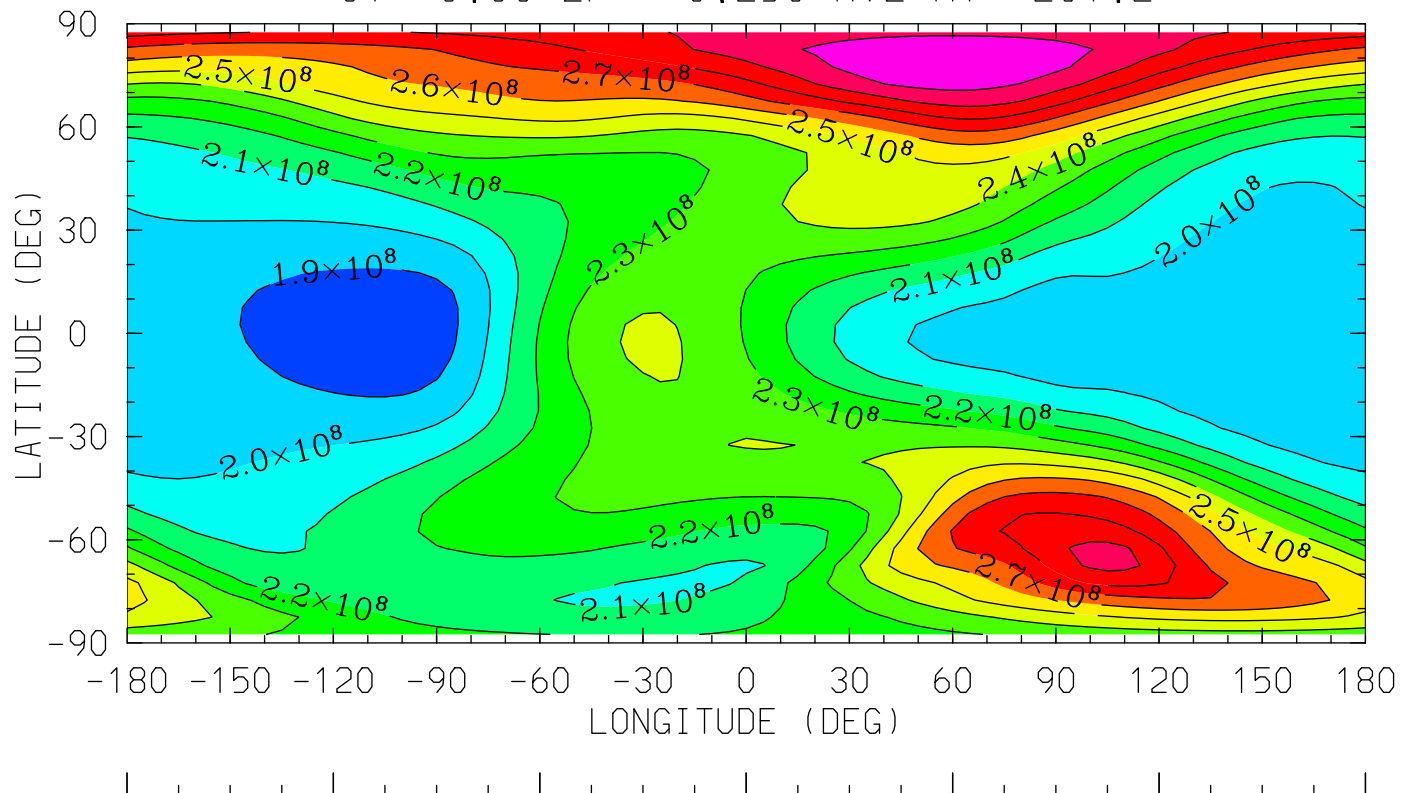
O2 (CM3)  
MOLECULAR OXYGEN  
UT= 0.00 ZP= -4.250 AVE HT= 116.3



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

MIN,MAX= 8.7502E+10 1.3101E+11 INTERVAL= 2.5000E+09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

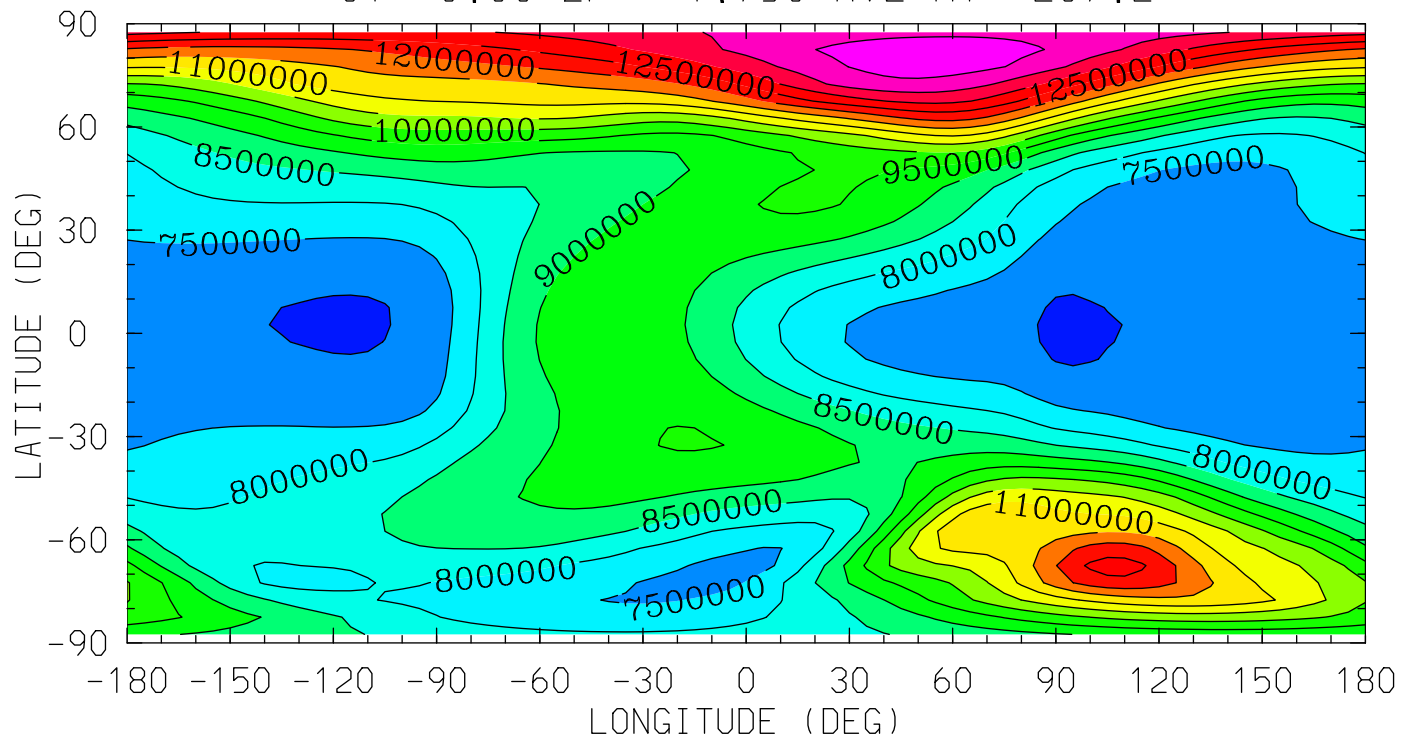
O2 (CM3)  
MOLECULAR OXYGEN  
UT= 0.00 ZP= -0.250 AVE HT= 201.2



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

MIN,MAX= 1.8360E+08 3.0994E+08 INTERVAL= 1.0000E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

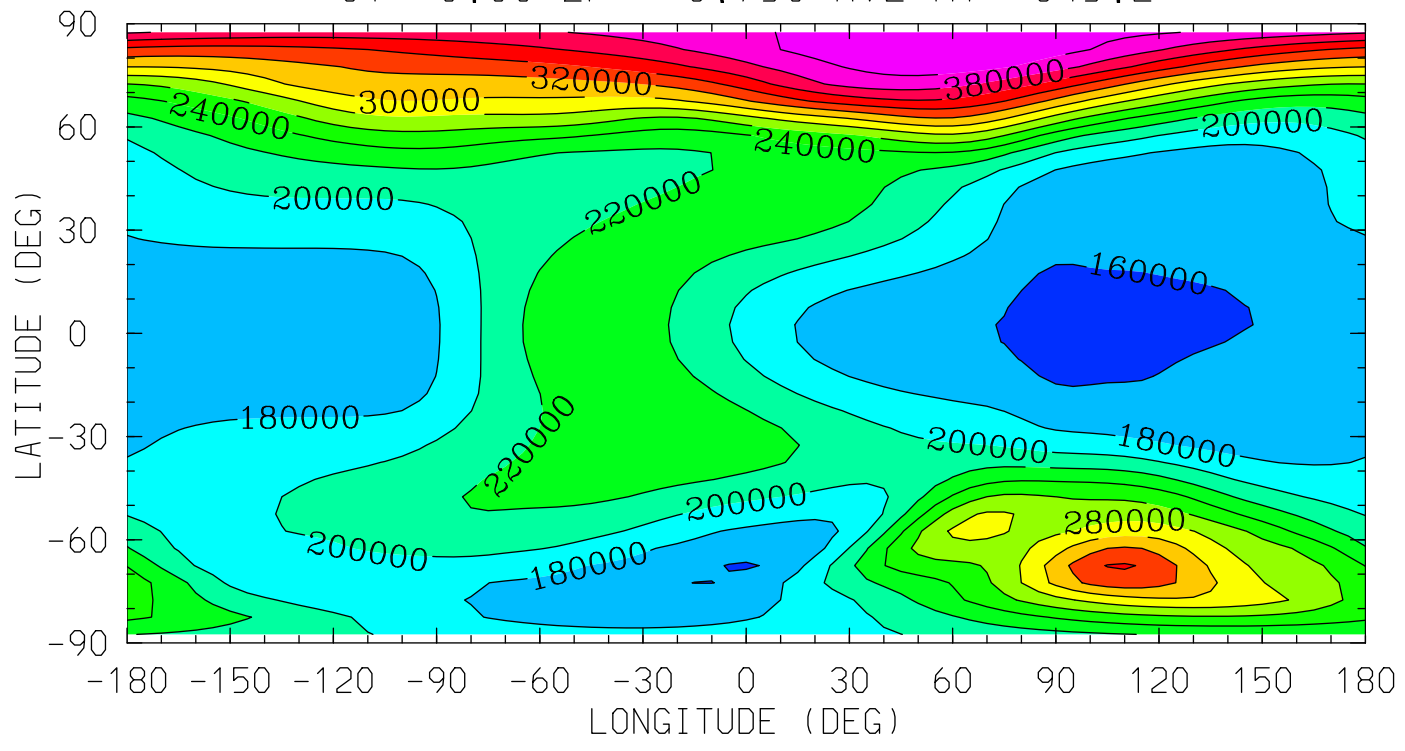
O2 (CM3)  
MOLECULAR OXYGEN  
UT= 0.00 ZP= 1.750 AVE HT= 267.2



MIN,MAX= 6.9151E+06 1.4301E+07 INTERVAL= 5.0000E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc



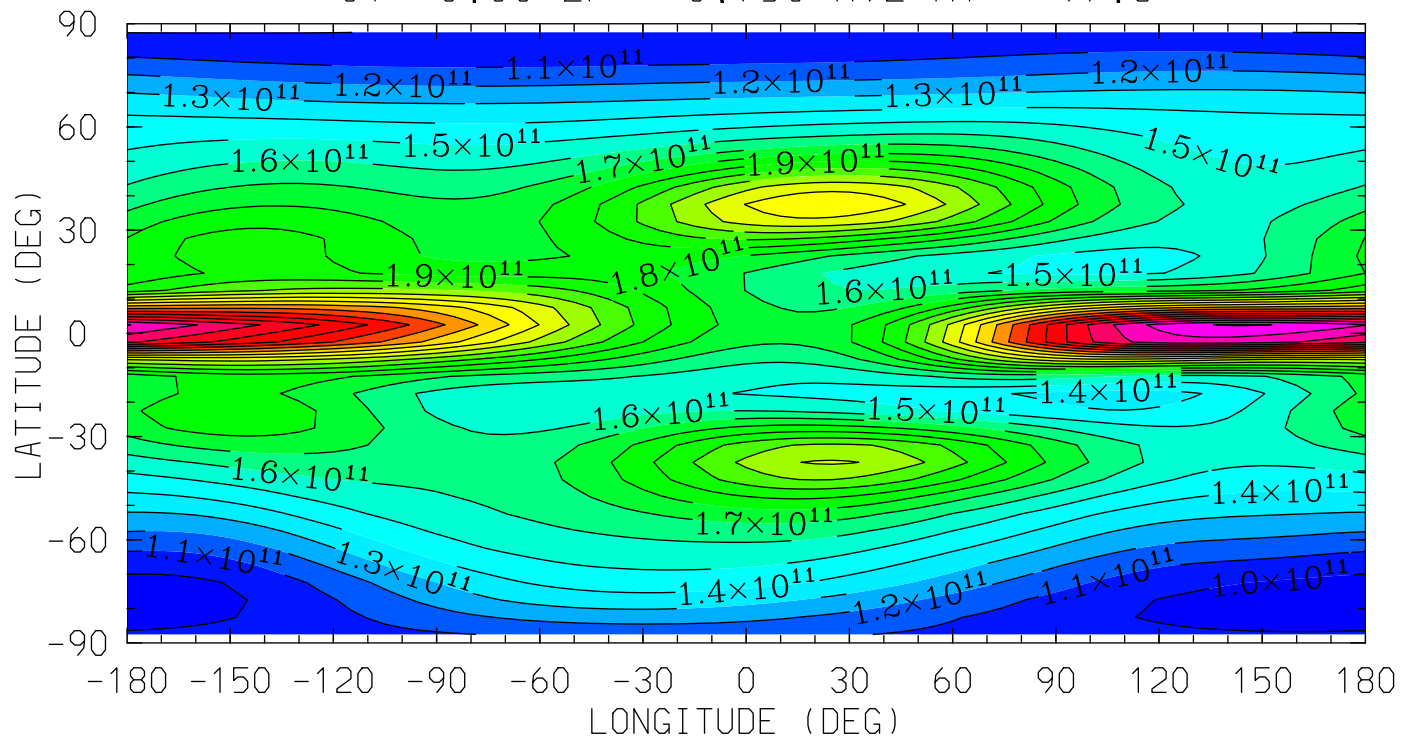
O2 (CM3)  
MOLECULAR OXYGEN  
UT= 0.00 ZP= 3.750 AVE HT= 345.2



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

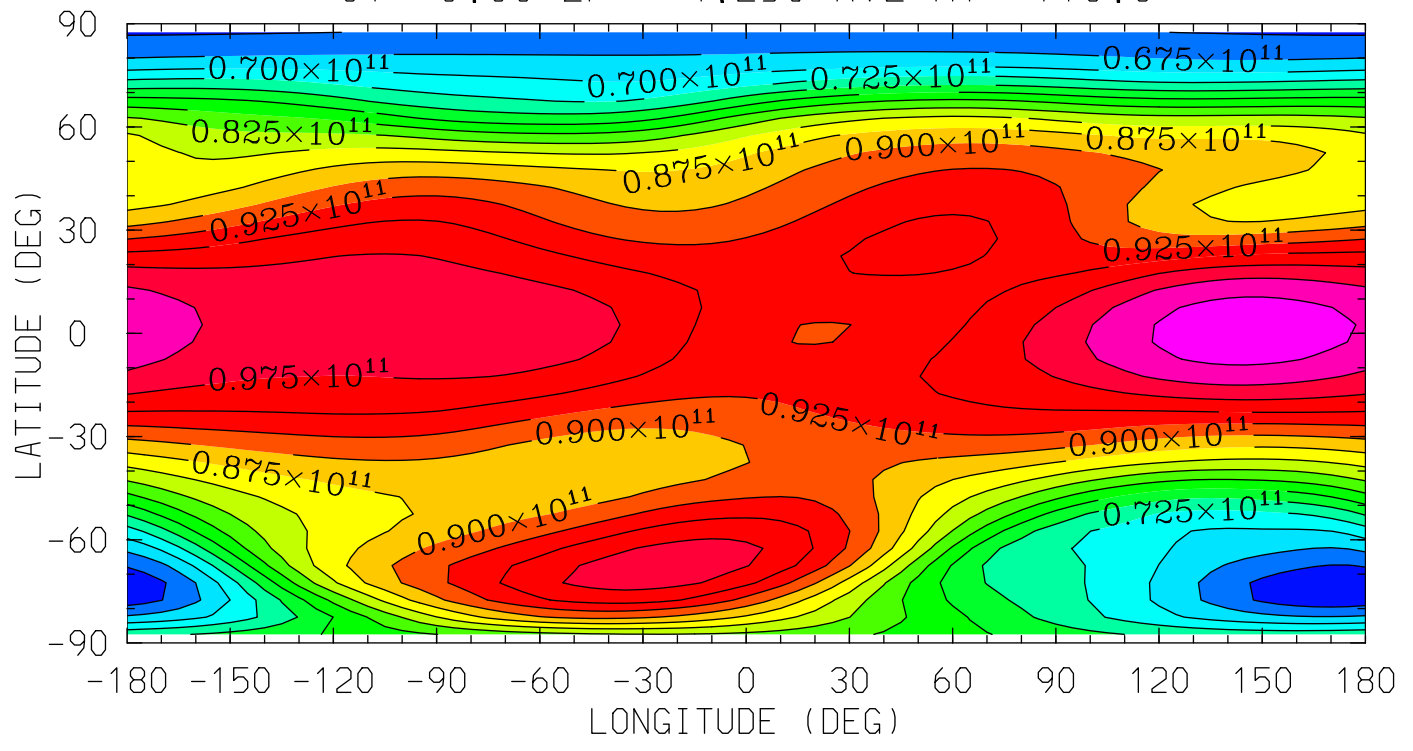
MIN,MAX= 1.5149E+05 4.1962E+05 INTERVAL= 2.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 9.3960E+10 3.3086E+11 INTERVAL= 1.0000E+10  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

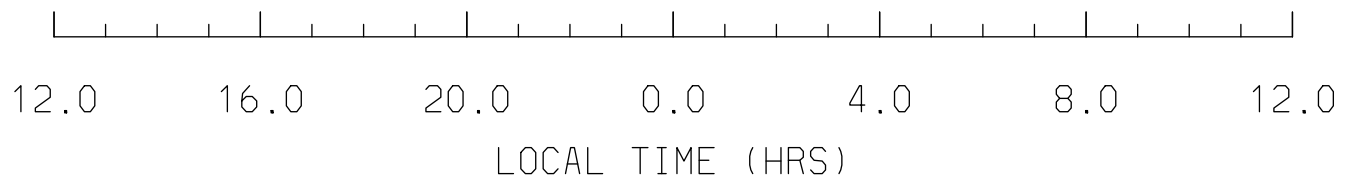
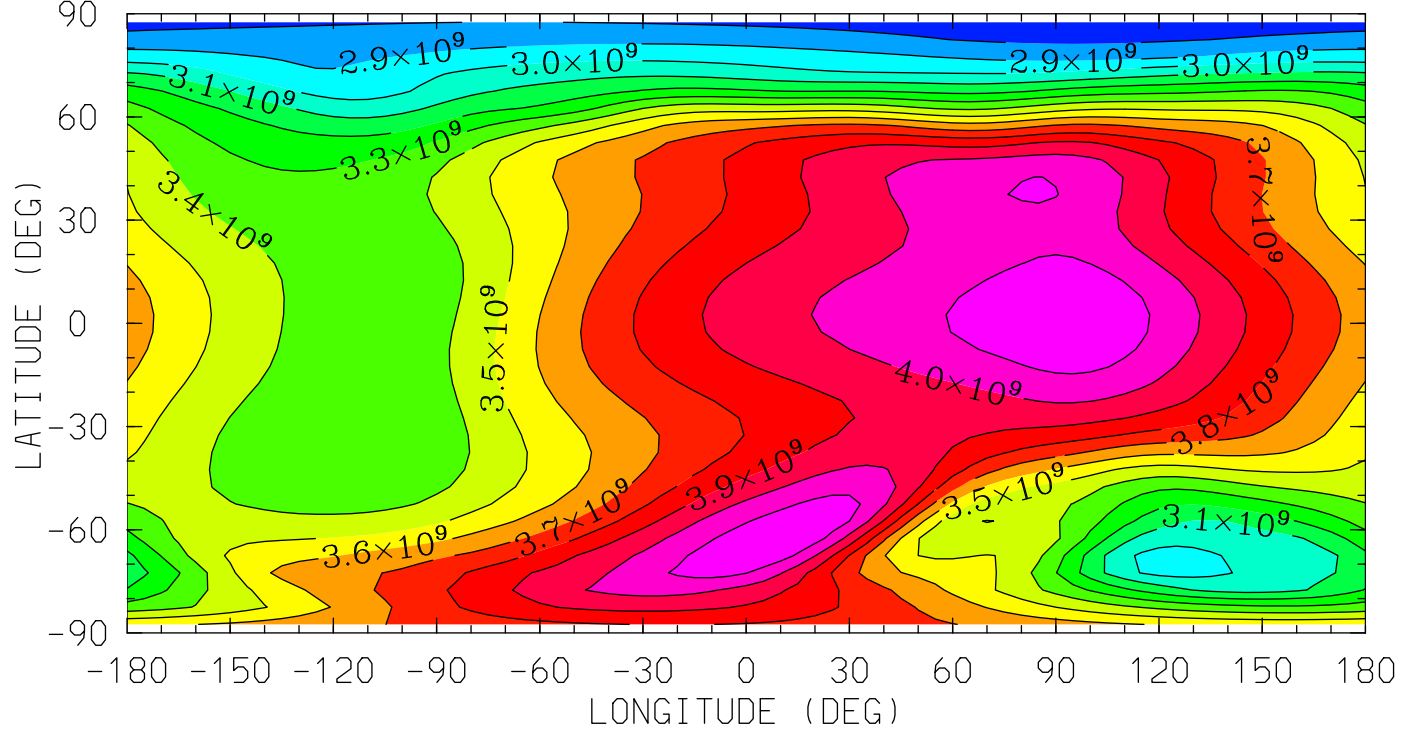
O1 (CM3)  
ATOMIC OXYGEN  
UT= 0.00 ZP= -4.250 AVE HT= 116.3



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

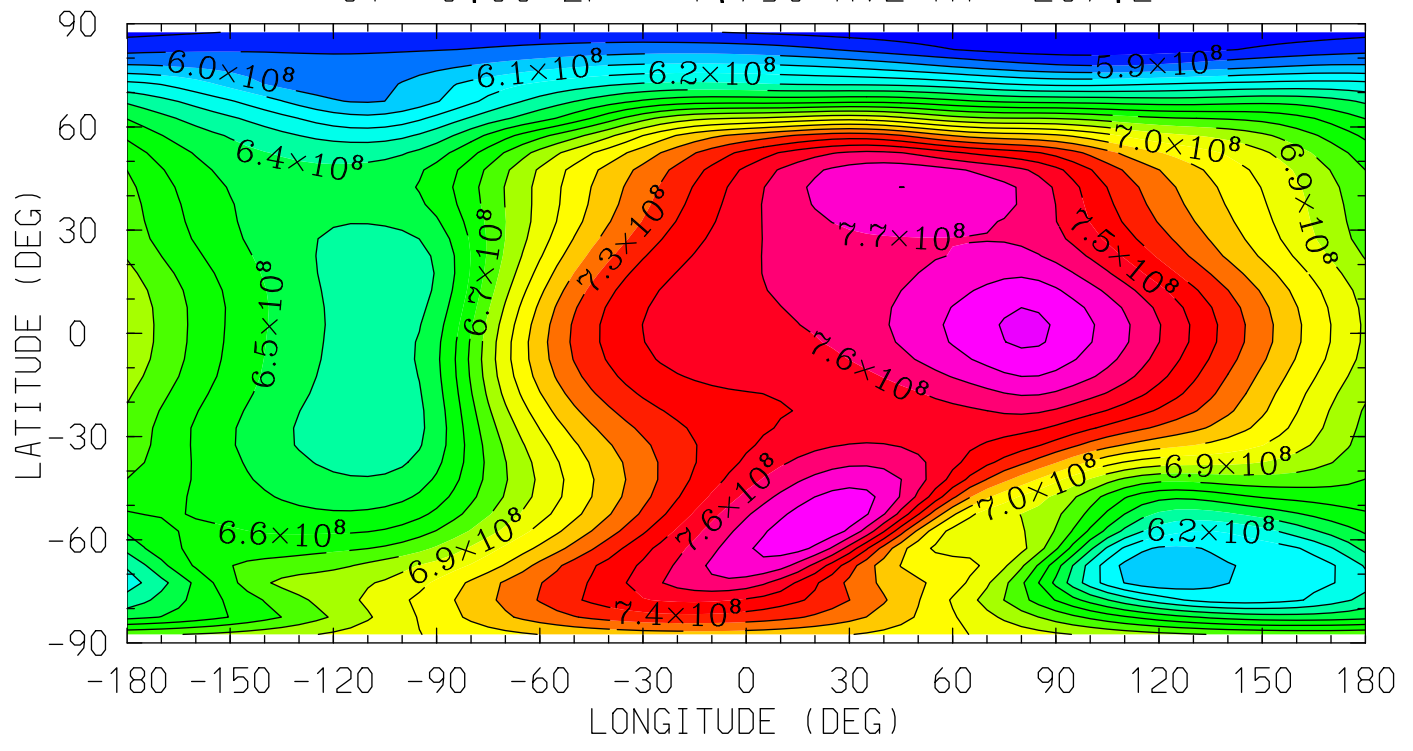
MIN,MAX= 6.2783E+10 1.0430E+11 INTERVAL= 2.5000E+09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

O1 (CM3)  
ATOMIC OXYGEN  
UT= 0.00 ZP= -0.250 AVE HT= 201.2



MIN,MAX= 2.7420E+09 4.1950E+09 INTERVAL= 1.0000E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

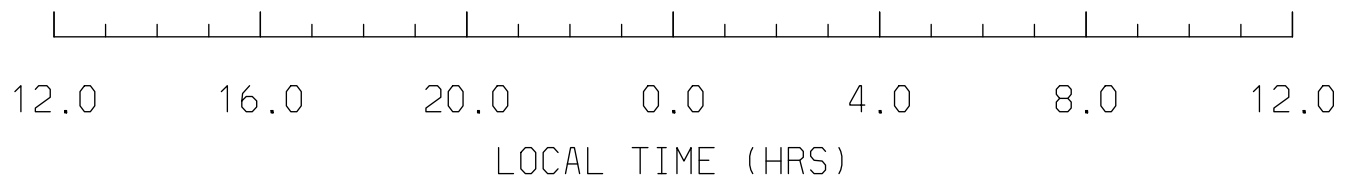
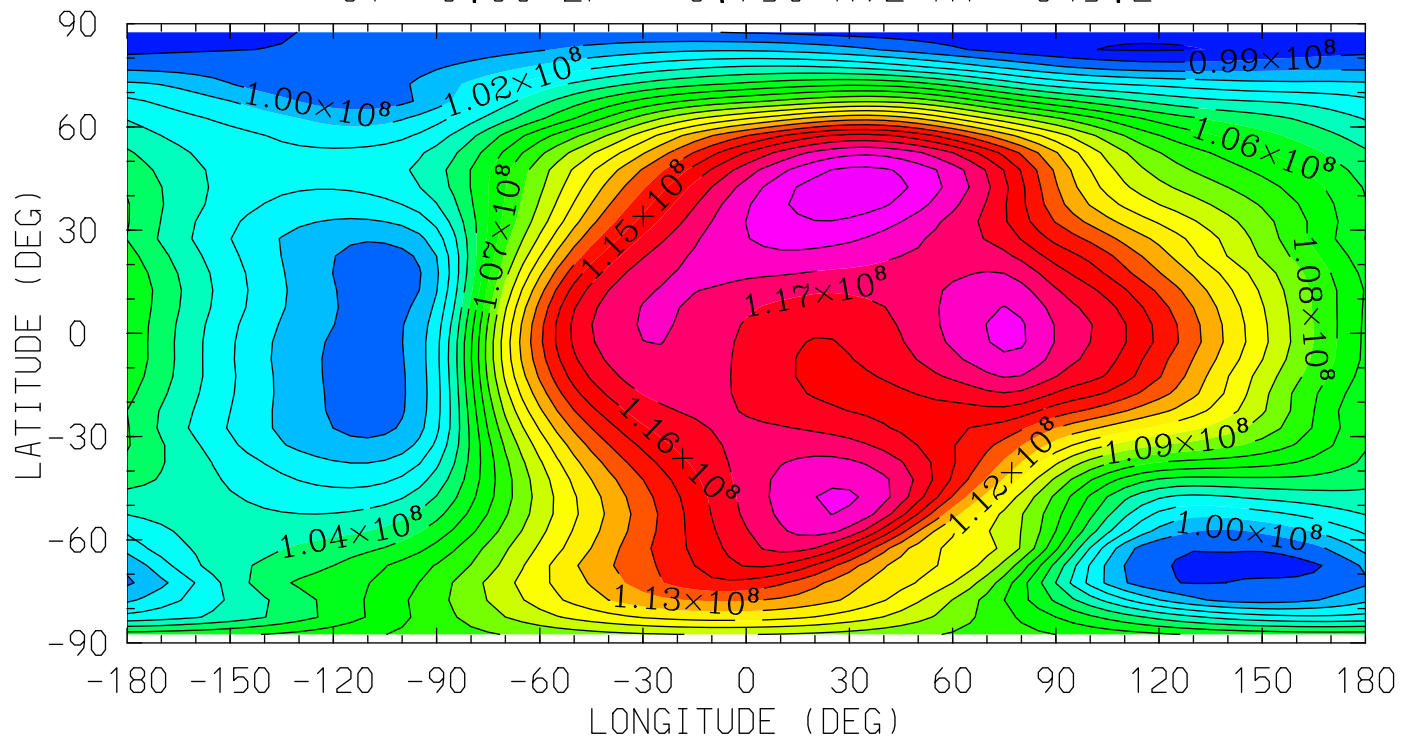
O1 (CM3)  
ATOMIC OXYGEN  
UT= 0.00 ZP= 1.750 AVE HT= 267.2



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

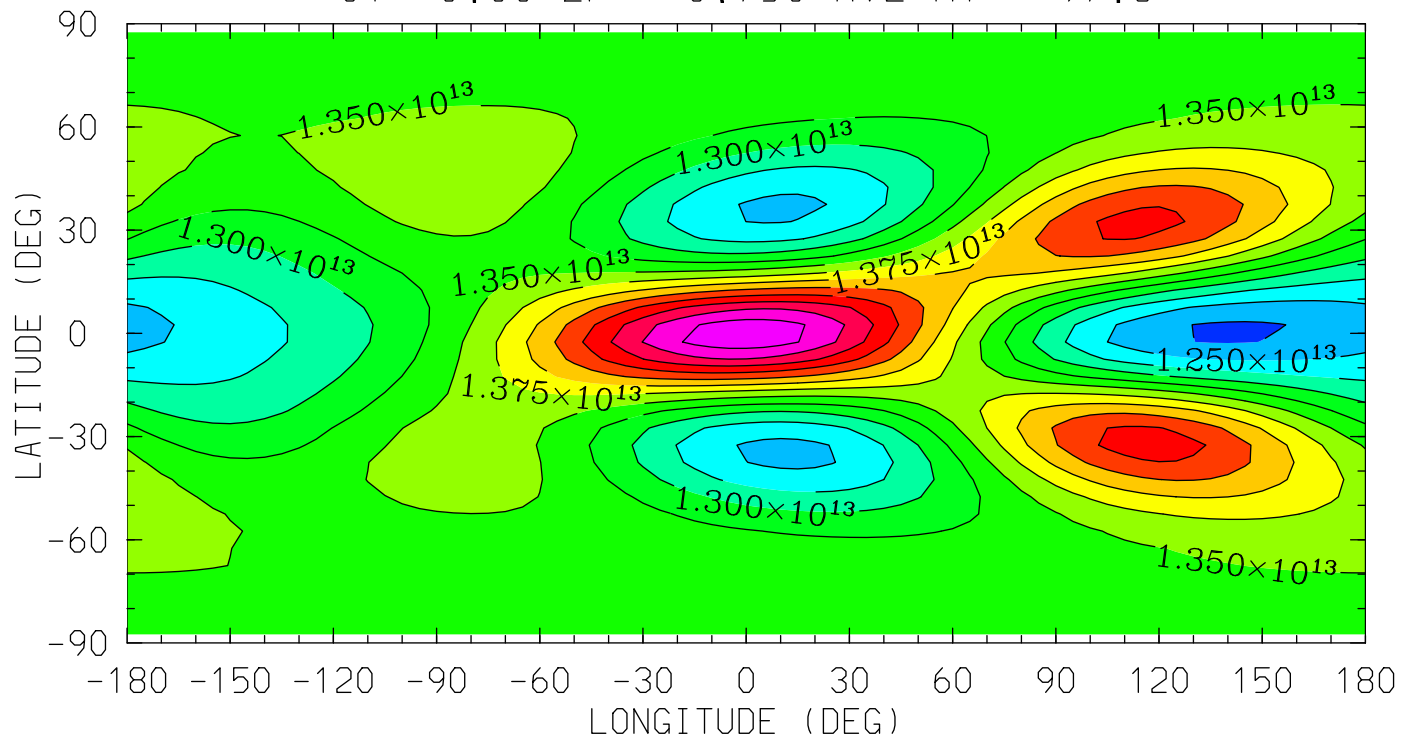
MIN,MAX= 5.7222E+08 7.9236E+08 INTERVAL= 1.0000E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

01 (CM3)  
ATOMIC OXYGEN  
UT= 0.00 ZP= 3.750 AVE HT= 345.2



MIN,MAX= 9.7910E+07 1.2068E+08 INTERVAL= 1.0000E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

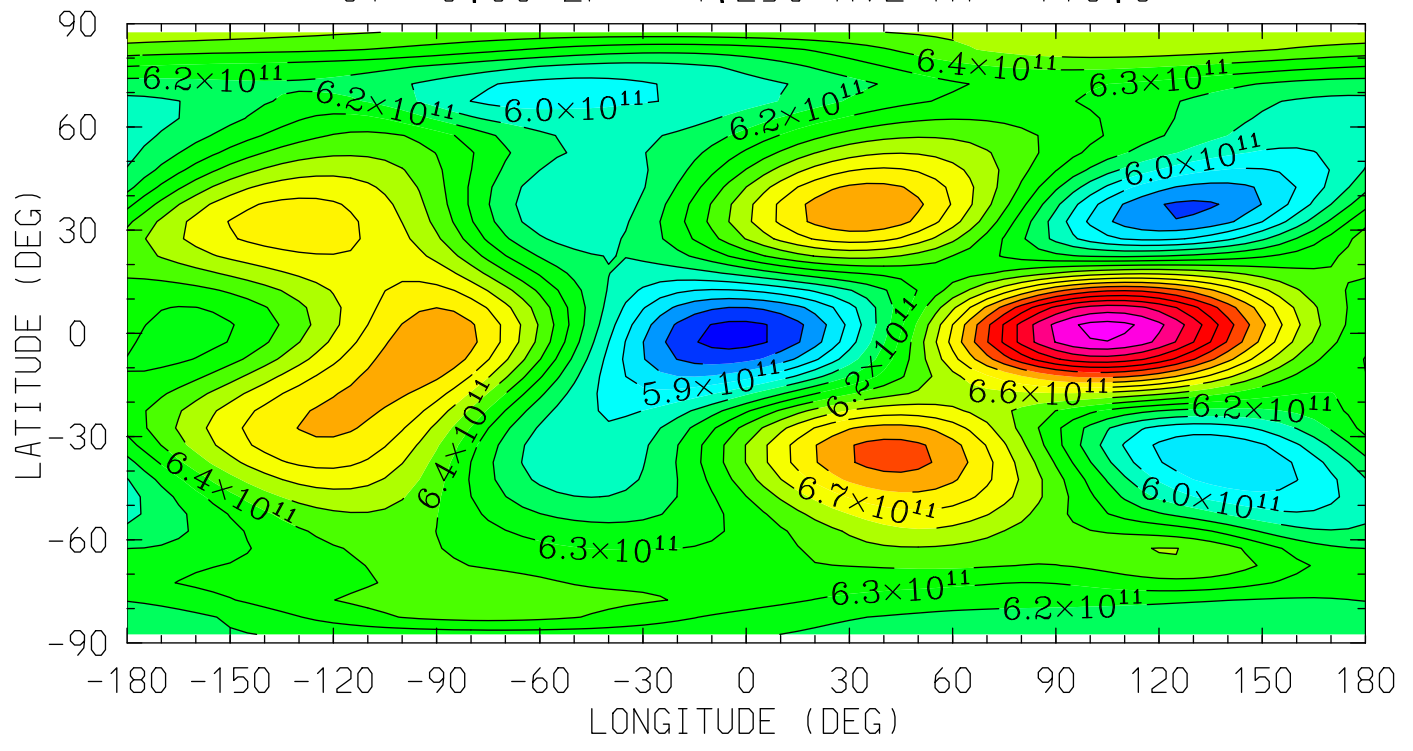
N2 (CM3)  
MOLECULAR NITROGEN  
UT= 0.00 ZP= -6.750 AVE HT= 97.8



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

MIN,MAX= 1.2217E+13 1.5404E+13 INTERVAL= 2.5000E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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

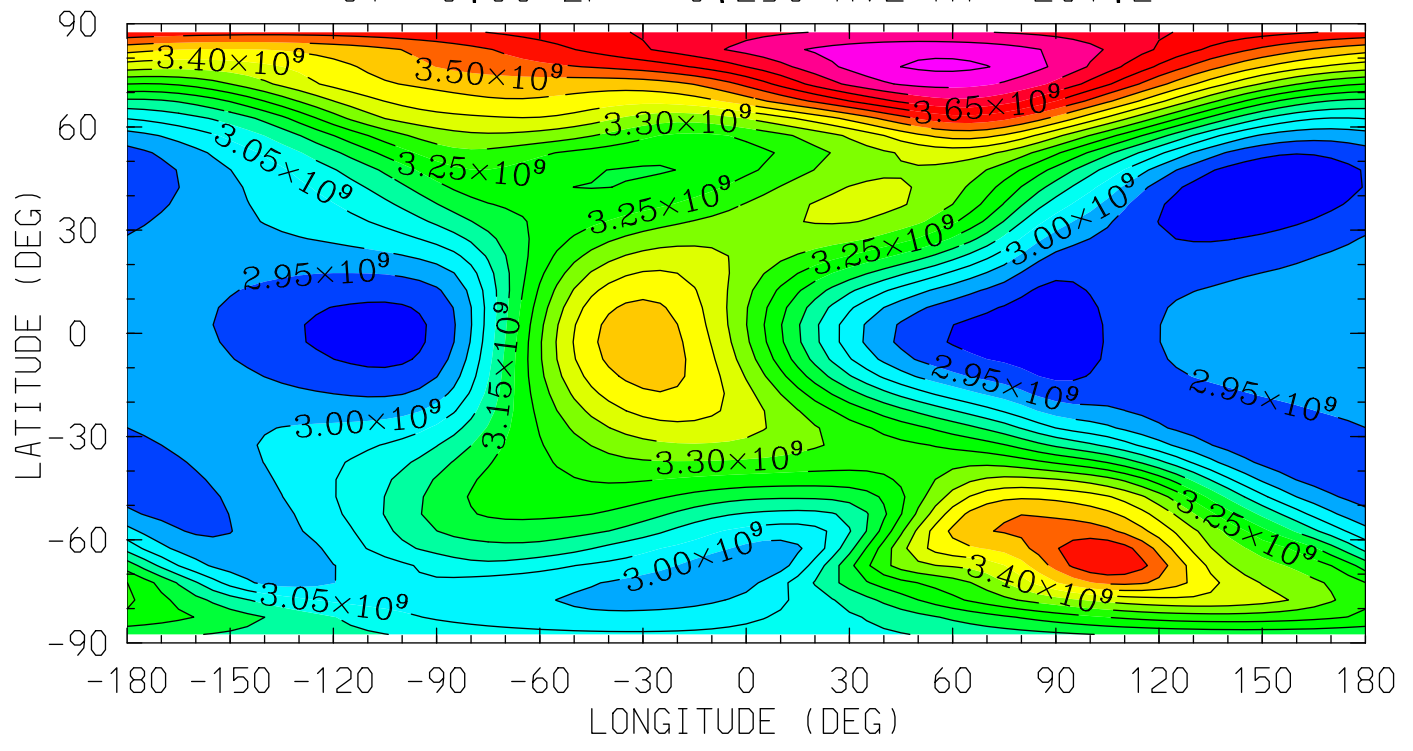


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 5.5618E+11 7.5366E+11 INTERVAL= 1.0000E+10  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc



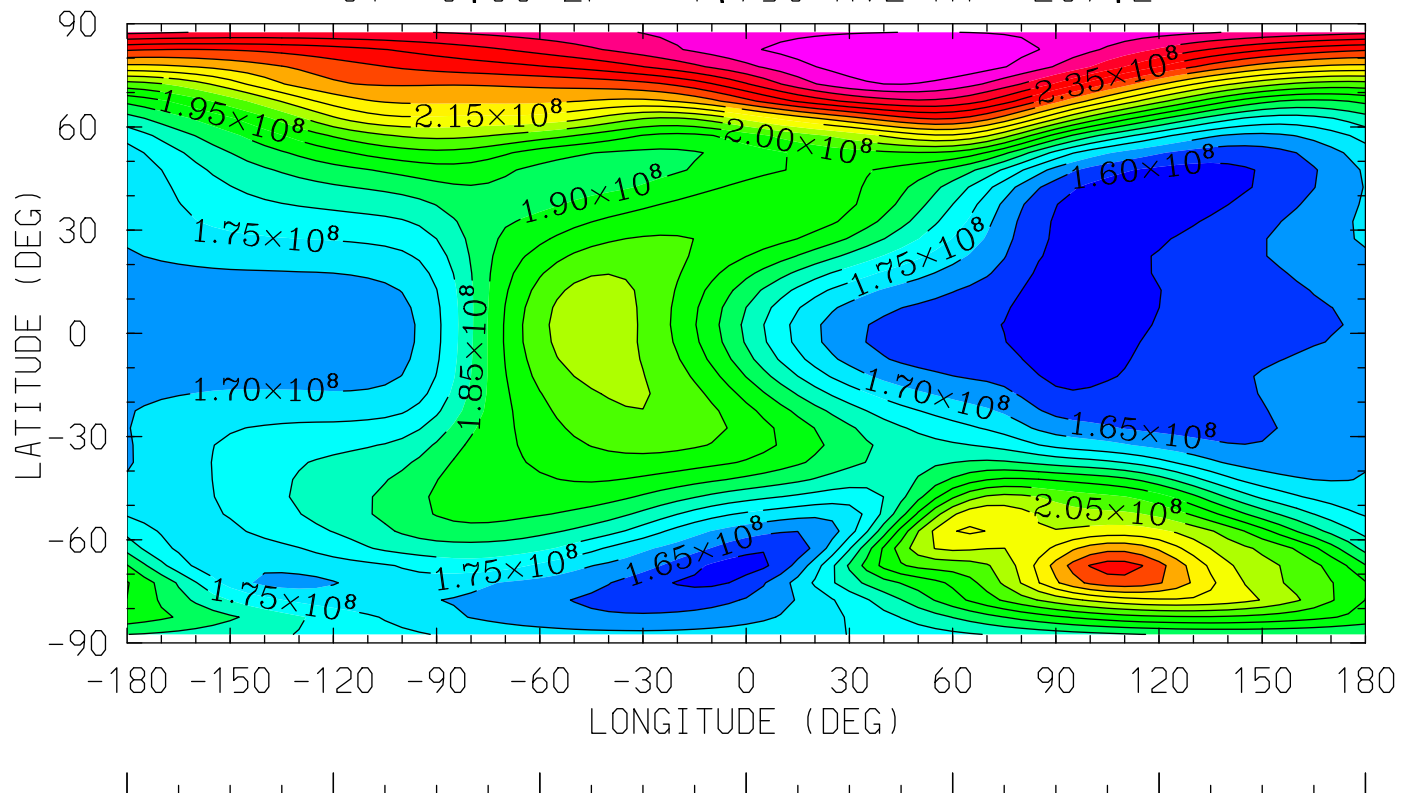
N2 (CM3)  
MOLECULAR NITROGEN  
UT= 0.00 ZP= -0.250 AVE HT= 201.2



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

MIN,MAX= 2.8509E+09 3.8121E+09 INTERVAL= 5.0000E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

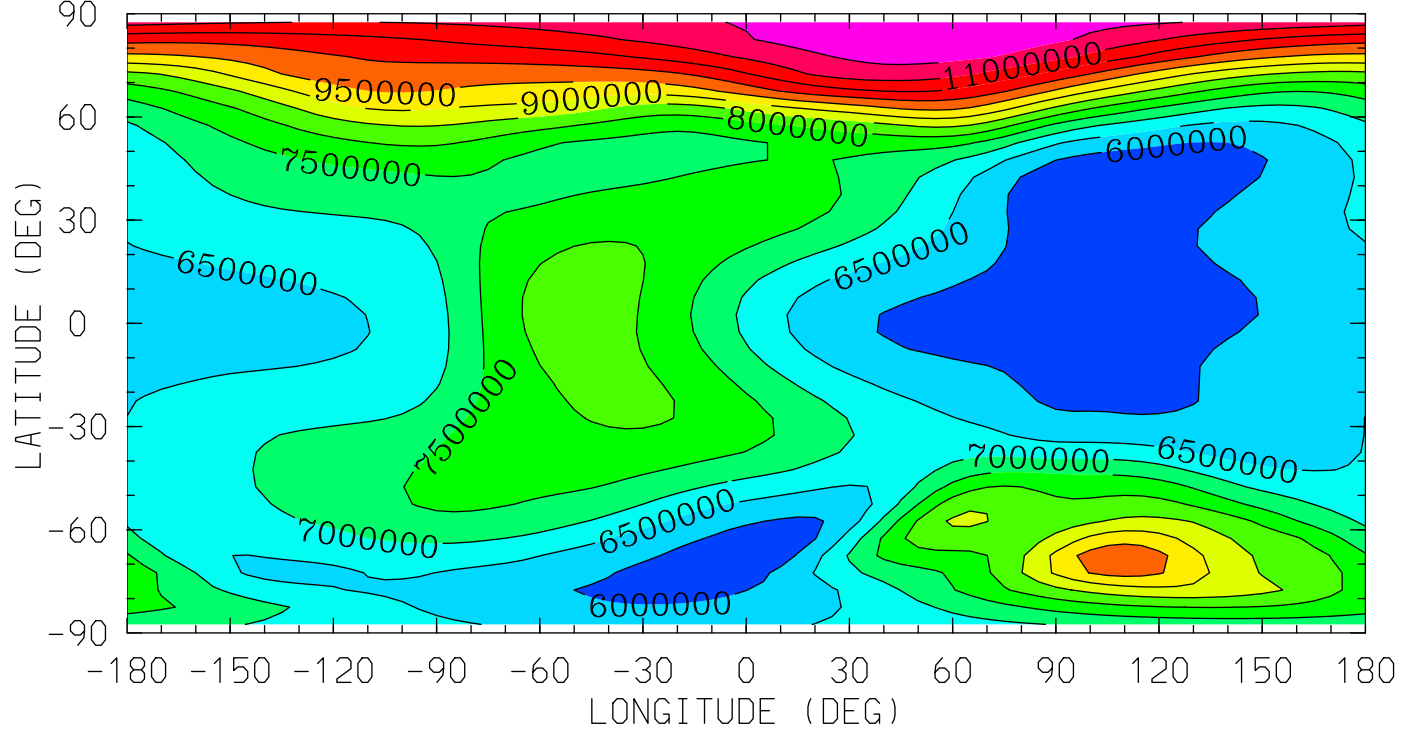
N2 (CM3)  
MOLECULAR NITROGEN  
UT= 0.00 ZP= 1.750 AVE HT= 267.2



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

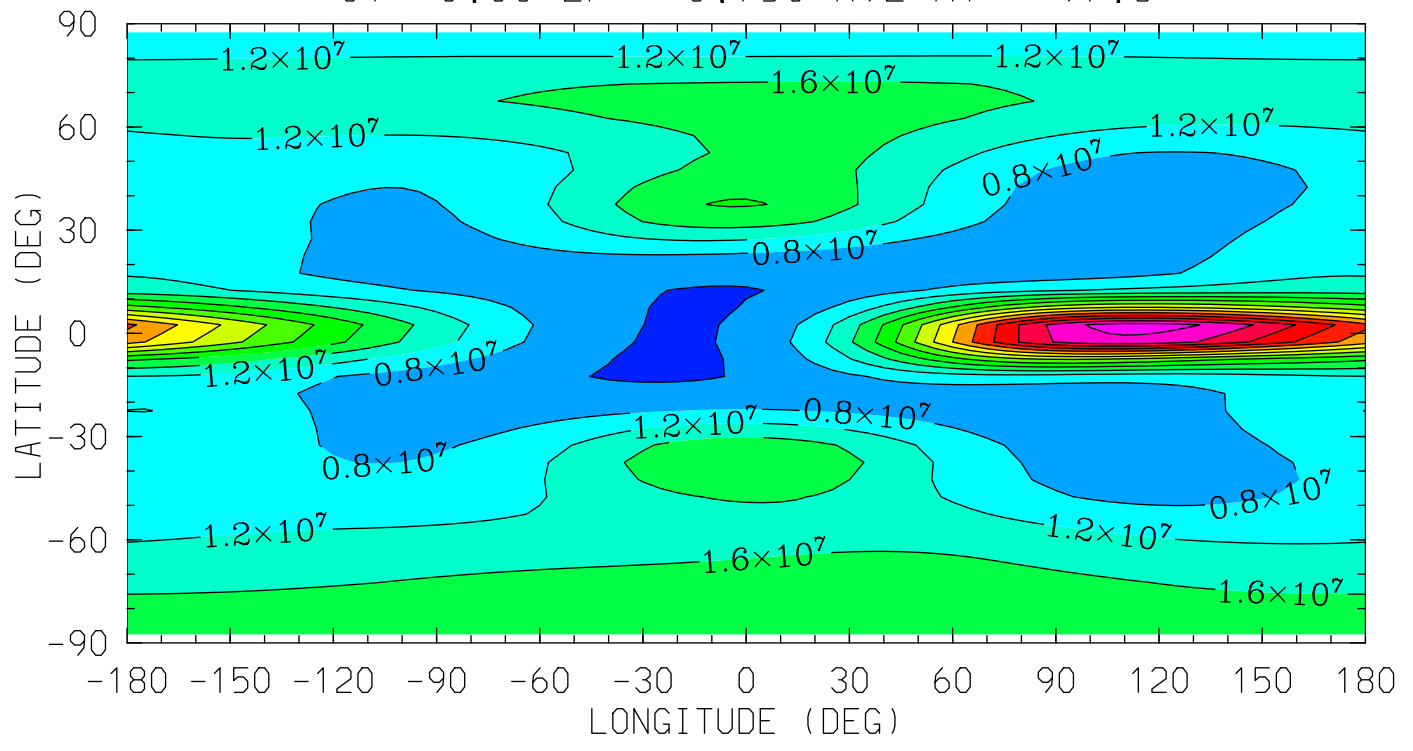
MIN,MAX= 1.5591E+08 2.6002E+08 INTERVAL= 5.0000E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

N2 (CM3)  
MOLECULAR NITROGEN  
UT= 0.00 ZP= 3.750 AVE HT= 345.2



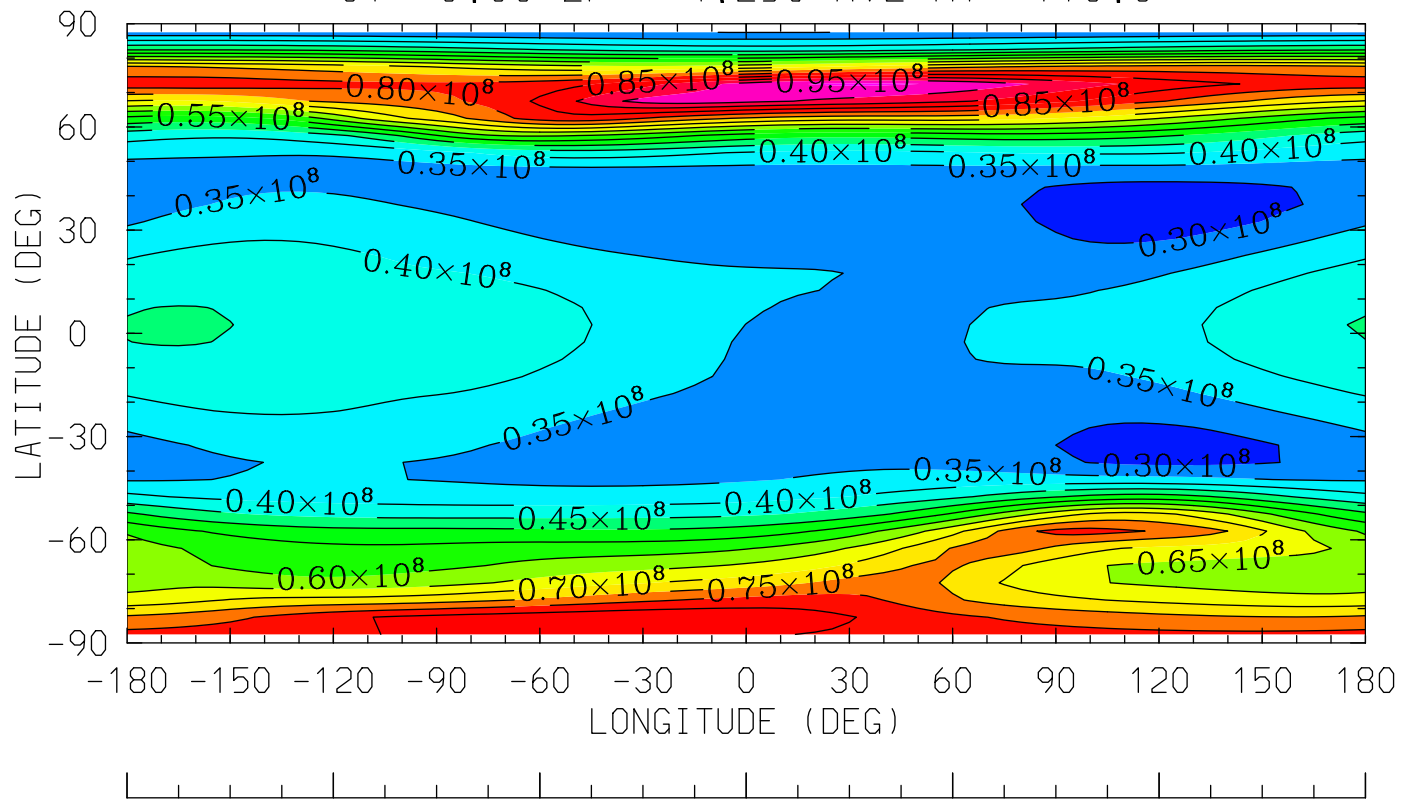
MIN,MAX= 5.5528E+06 1.1899E+07 INTERVAL= 5.0000E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 3.4561E+06 5.7891E+07 INTERVAL= 4.0000E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

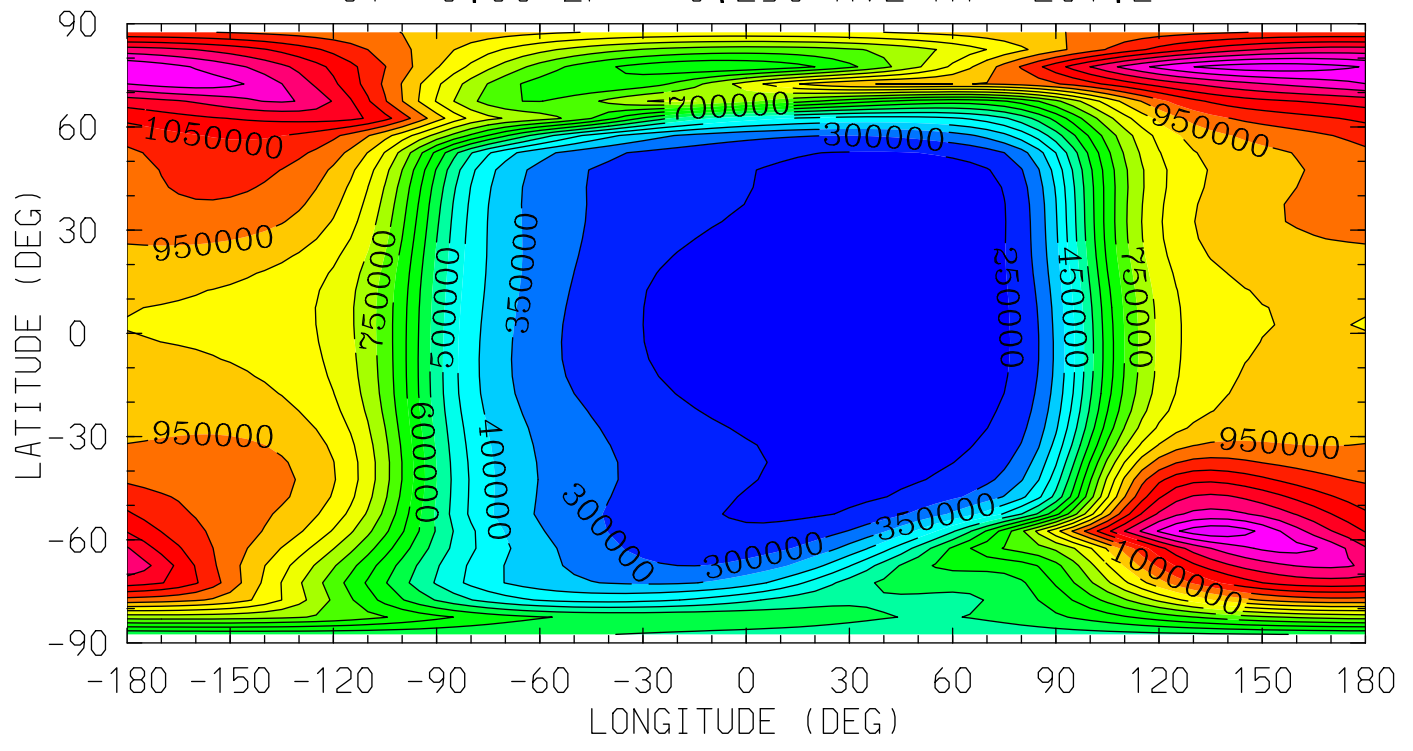
NO (CM3)  
NITRIC OXIDE  
UT= 0.00 ZP= -4.250 AVE HT= 116.3



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

MIN,MAX= 2.7078E+07 1.0079E+08 INTERVAL= 5.0000E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

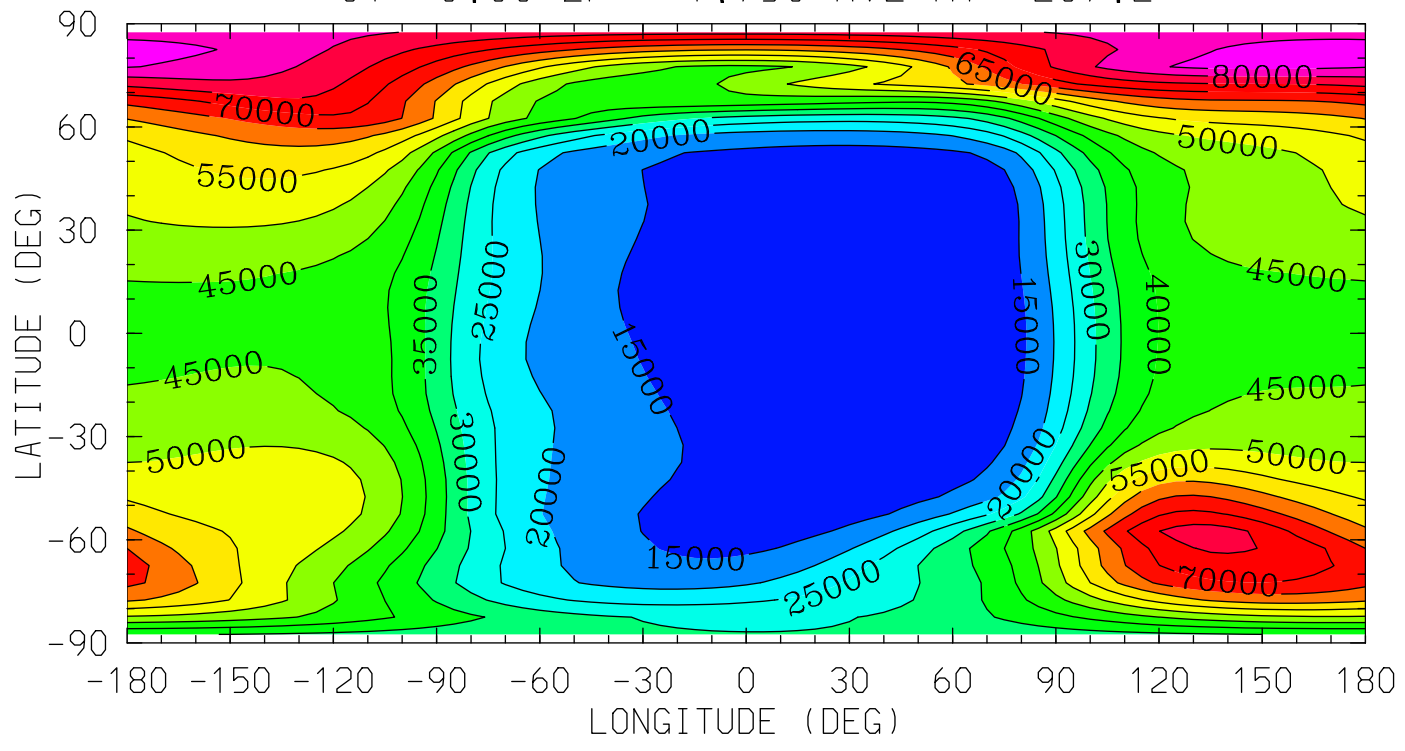
NO (CM3)  
NITRIC OXIDE  
UT= 0.00 ZP= -0.250 AVE HT= 201.2



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

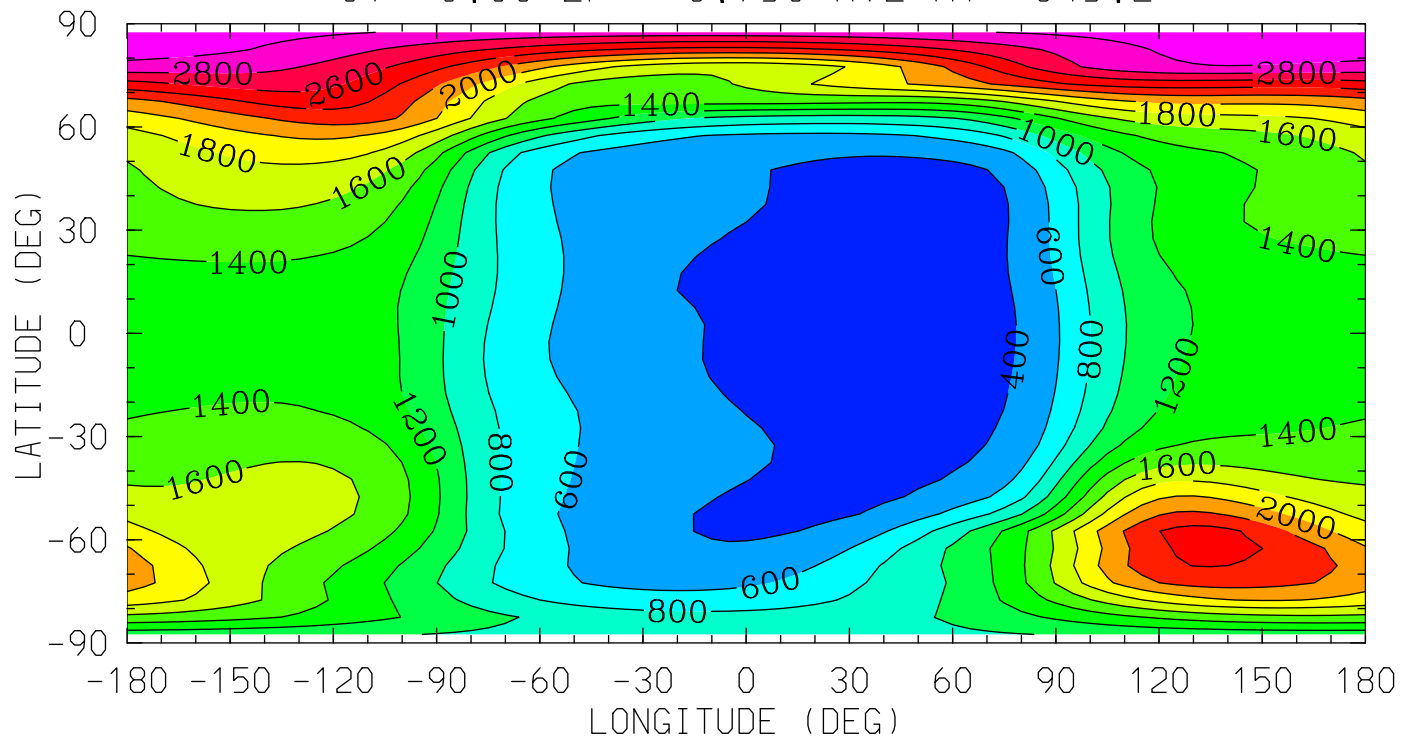
MIN,MAX= 2.0802E+05 1.3377E+06 INTERVAL= 5.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

NO (CM3)  
NITRIC OXIDE  
UT= 0.00 ZP= 1.750 AVE HT= 267.2



MIN,MAX= 1.0200E+04 8.7249E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

NO (CM3)  
NITRIC OXIDE  
UT= 0.00 ZP= 3.750 AVE HT= 345.2



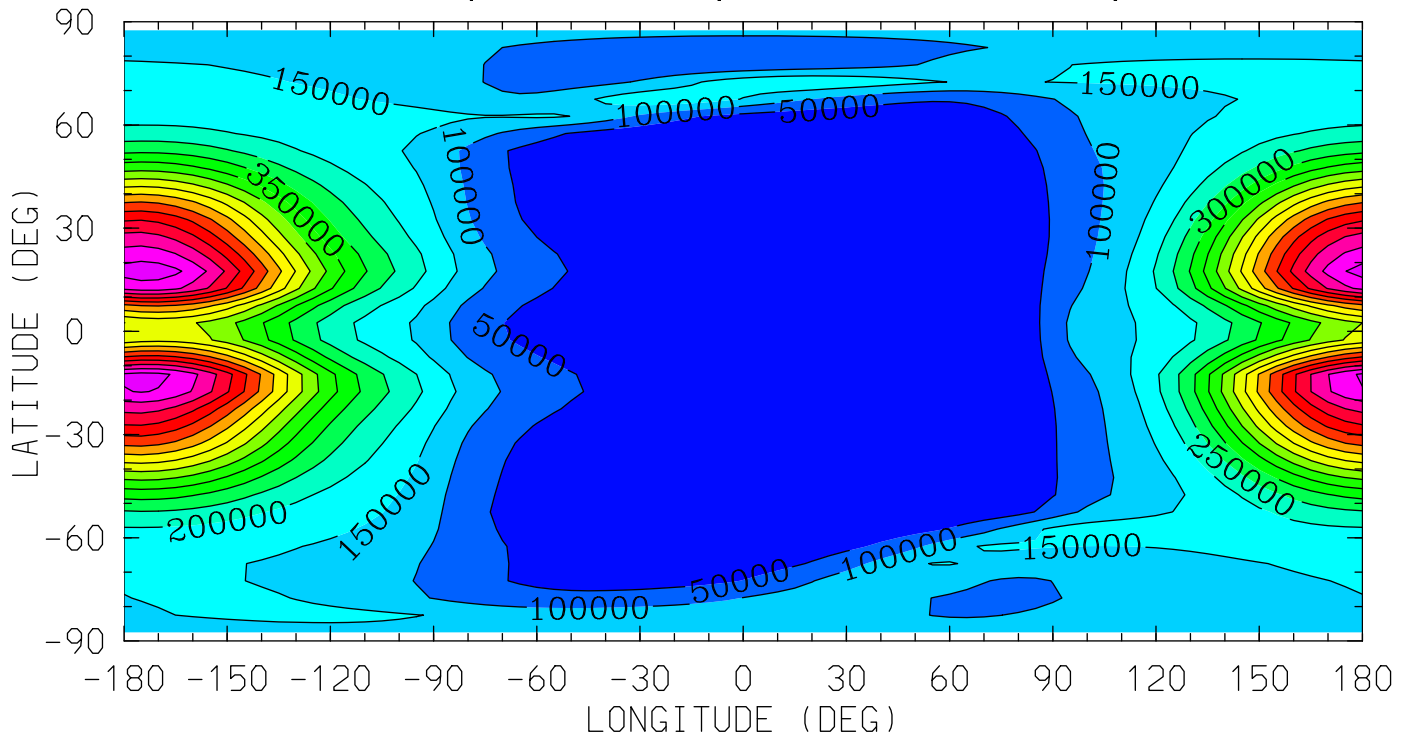
MIN,MAX= 3.0363E+02 3.1214E+03 INTERVAL= 2.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc



N4S (CM3)

N4S

UT= 0.00 ZP= -6.750 AVE HT= 97.8



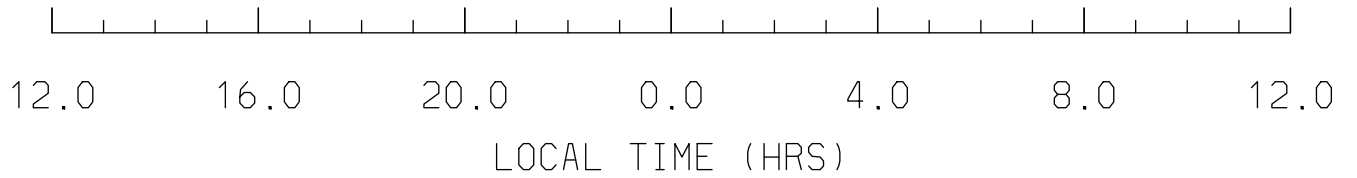
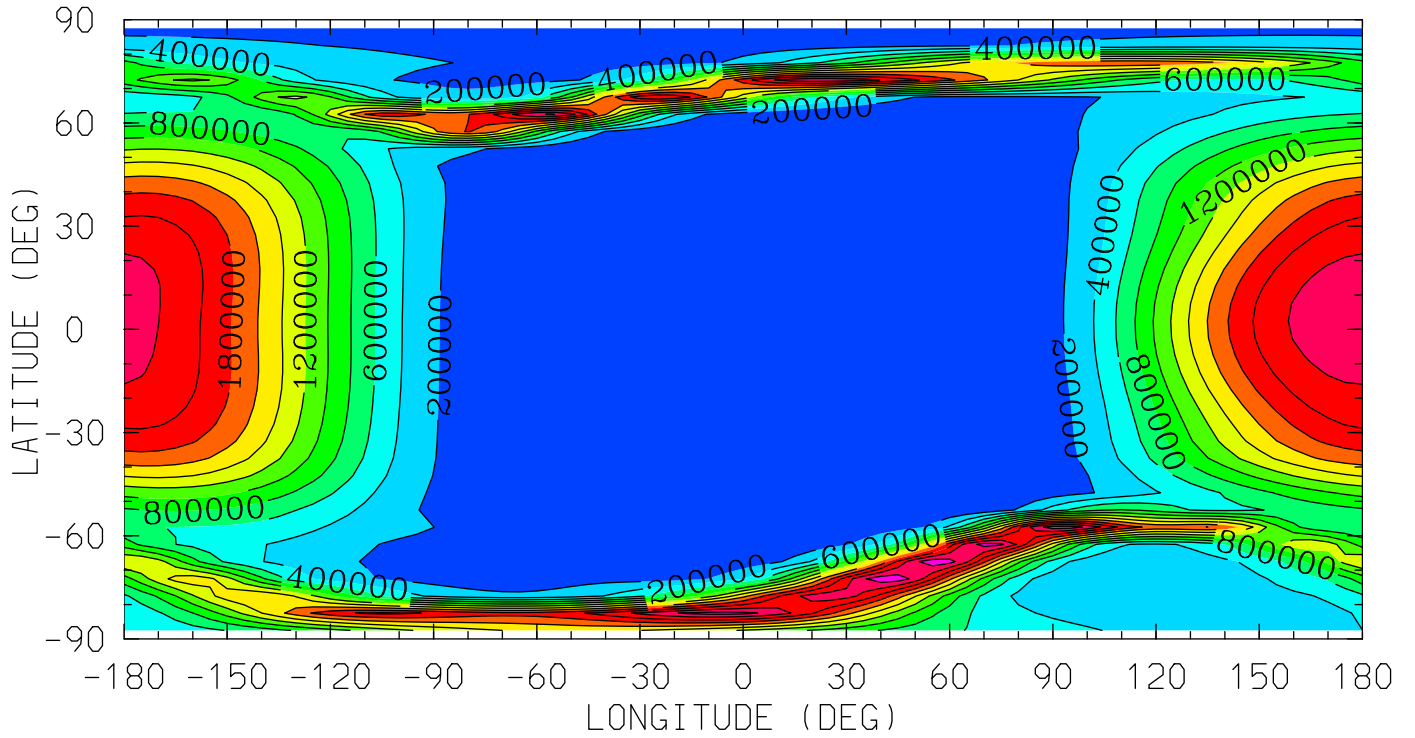
12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 4.0658E+02 8.8073E+05 INTERVAL= 5.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

N4S (CM3)

N4S

UT= 0.00 ZP= -4.250 AVE HT= 116.3

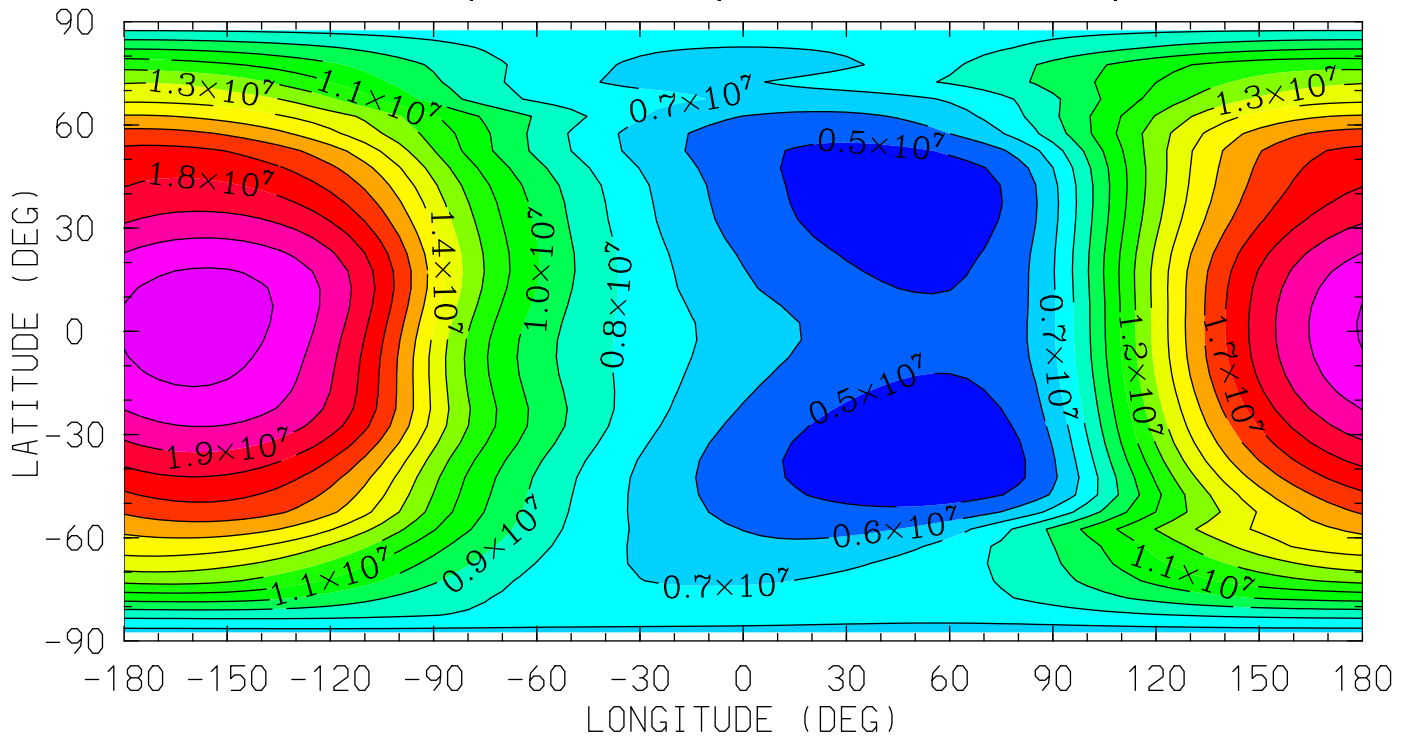


MIN,MAX= 1.5461E+00 2.5265E+06 INTERVAL= 2.0000E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

N4S (CM3)

N4S

UT= 0.00 ZP= -0.250 AVE HT= 201.2



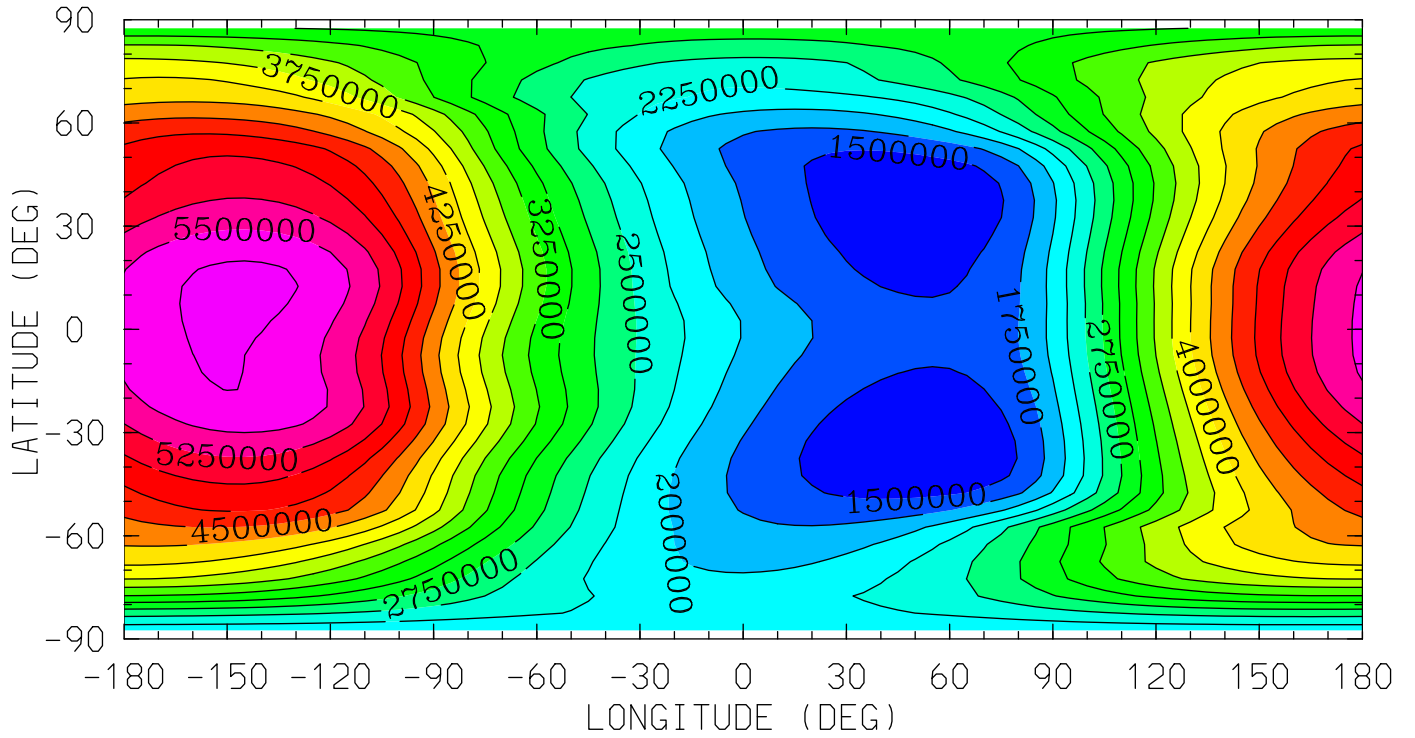
12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 4.1512E+06 2.1607E+07 INTERVAL= 1.0000E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

N4S (CM3)

N4S

UT= 0.00 ZP= 1.750 AVE HT= 267.2



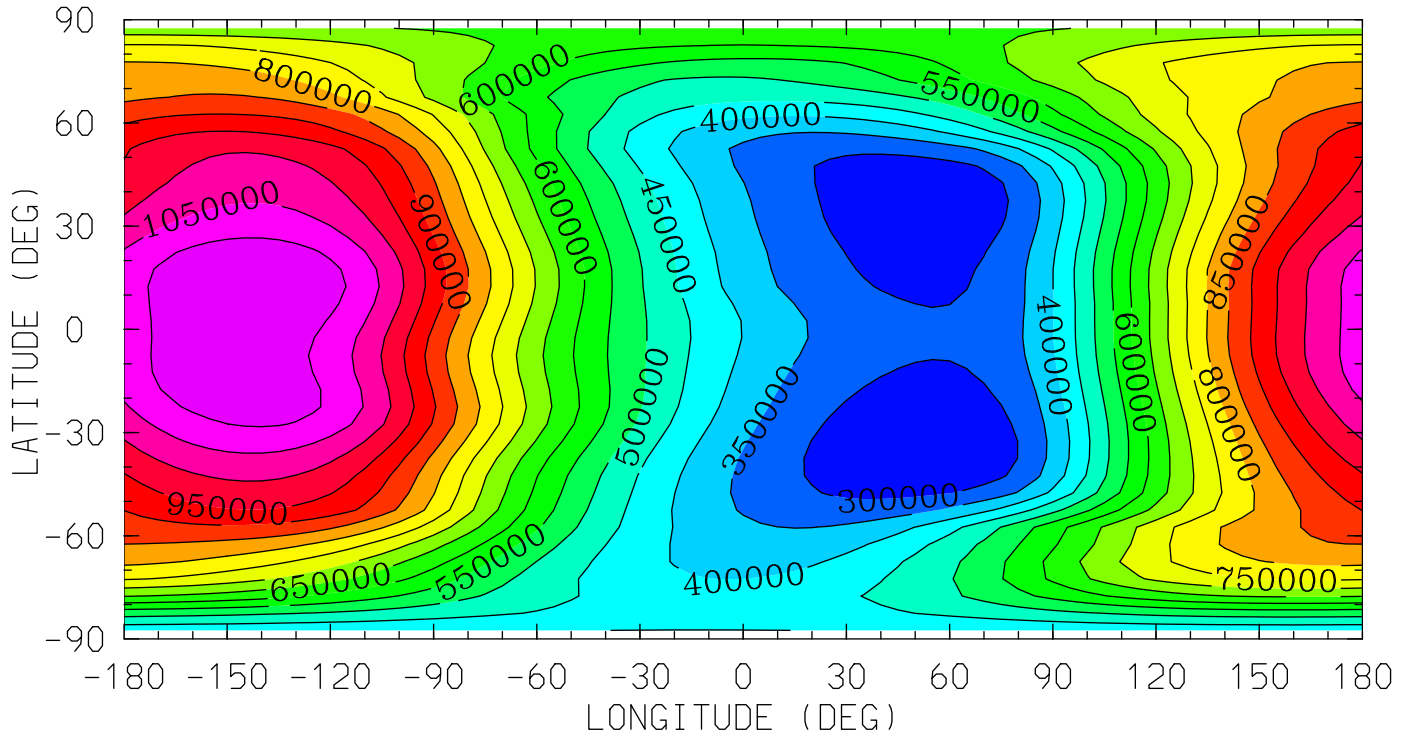
12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.2723E+06 5.8296E+06 INTERVAL= 2.5000E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

N4S (CM3)

N4S

UT= 0.00 ZP= 3.750 AVE HT= 345.2

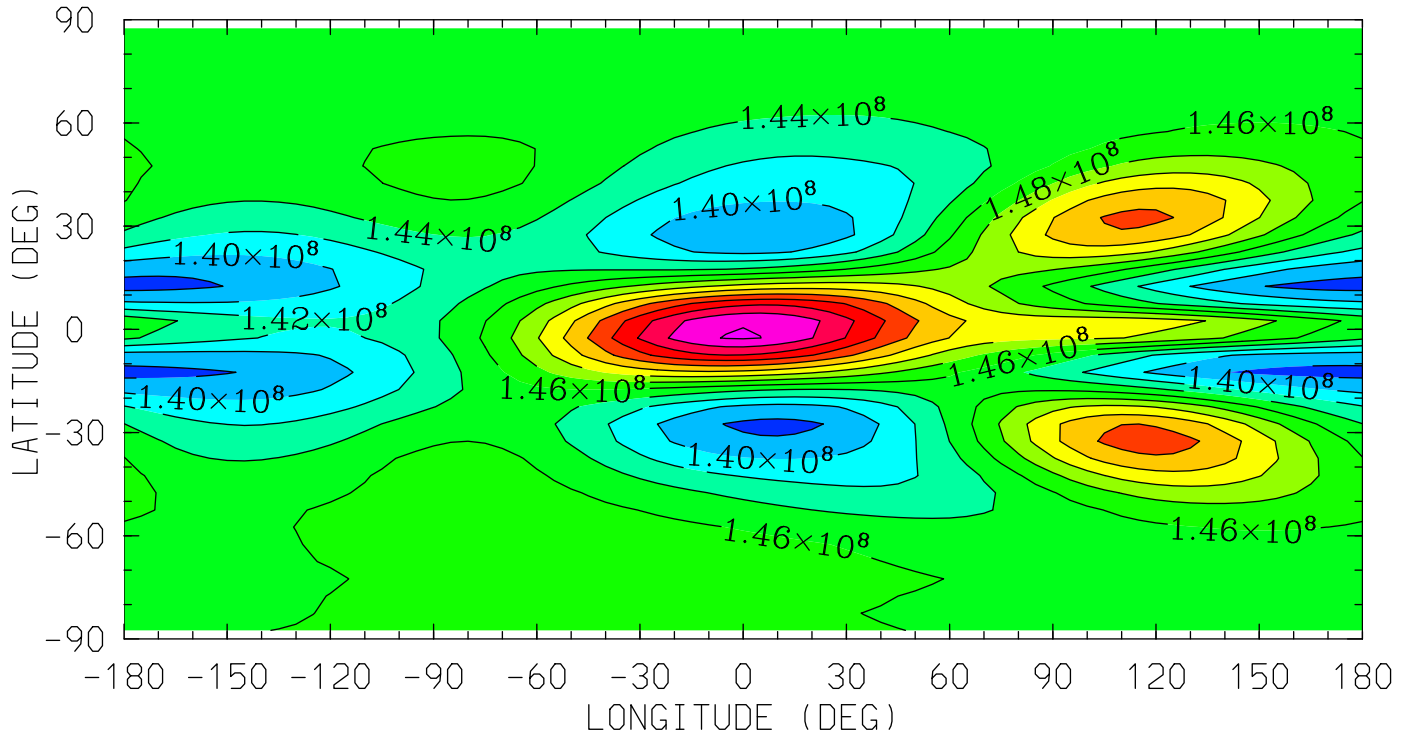


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 2.5386E+05 1.1494E+06 INTERVAL= 5.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

HE (CM3)  
HELIUM (HE)

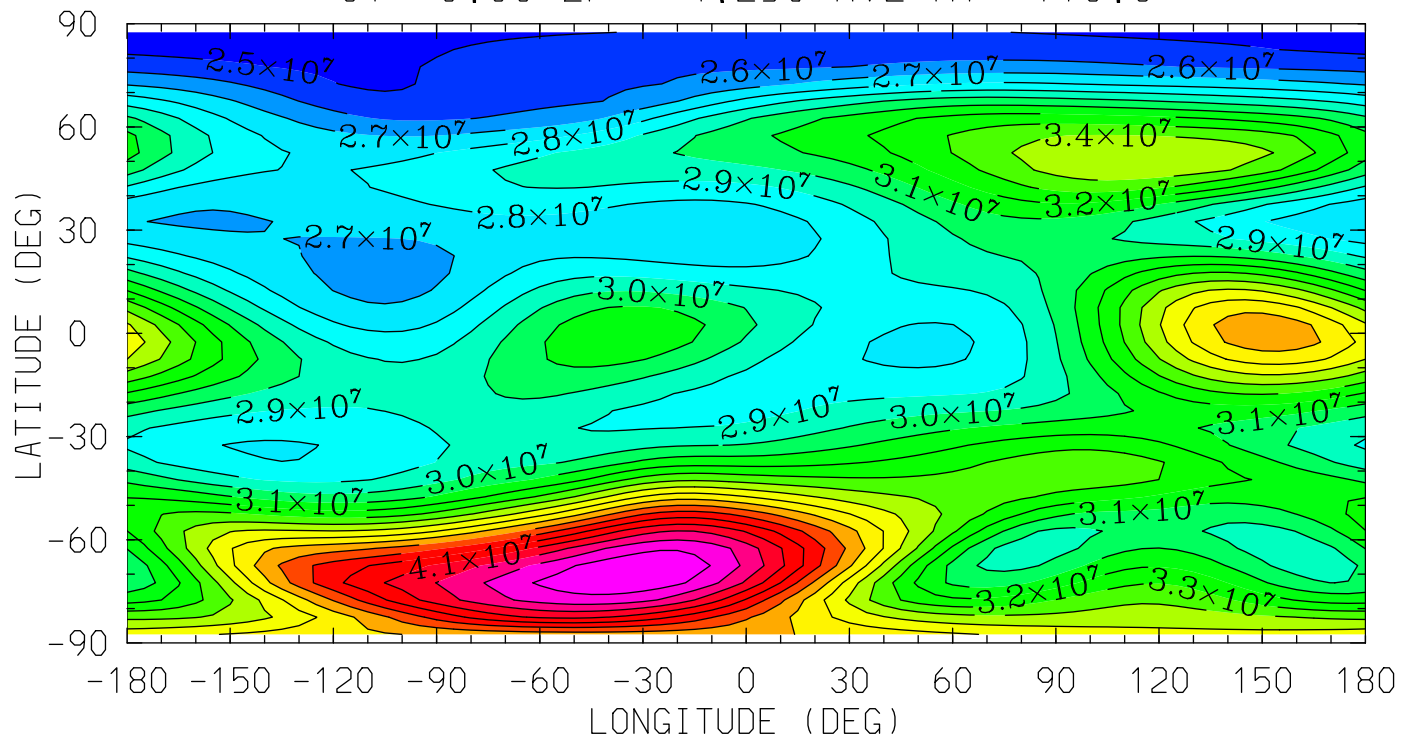
UT= 0.00 ZP= -6.750 AVE HT= 97.8



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

MIN,MAX= 1.3724E+08 1.6220E+08 INTERVAL= 2.0000E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

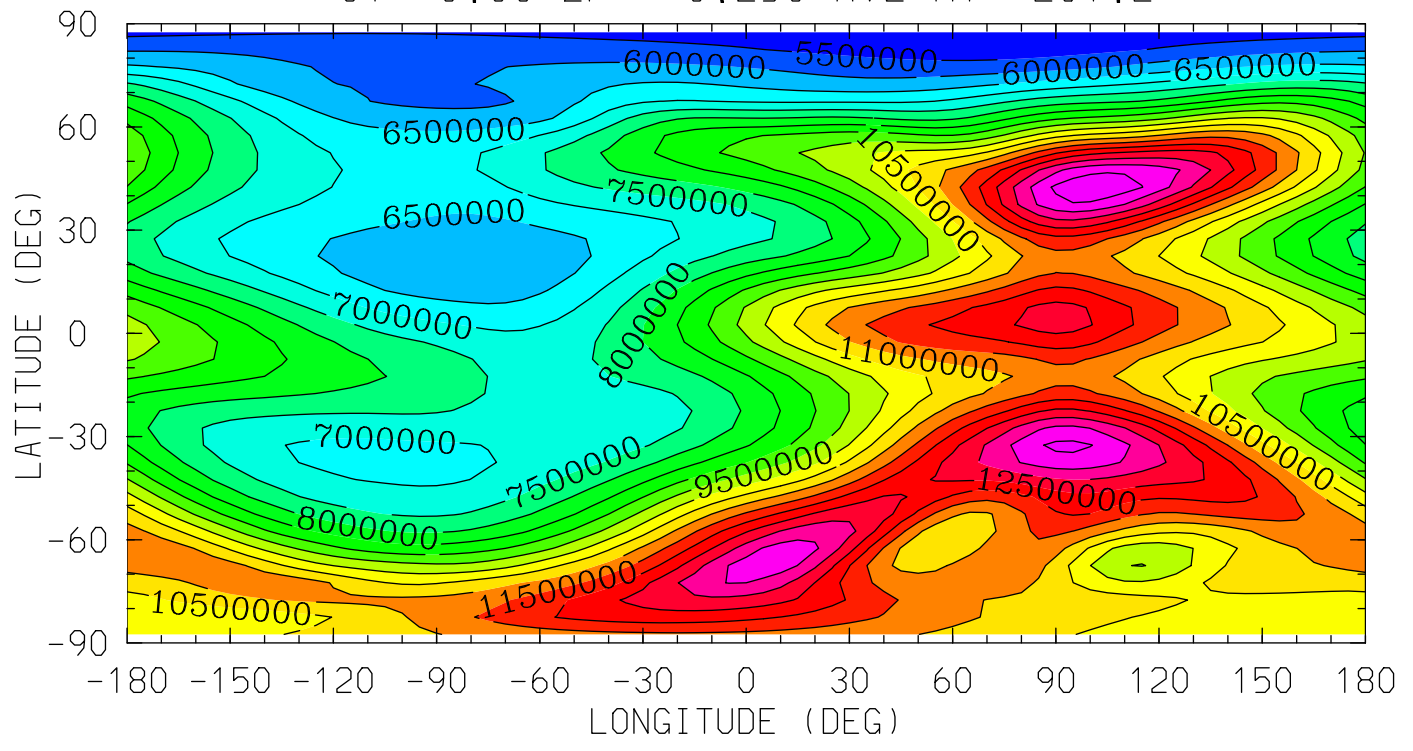
HE (CM3)  
HELIUM (HE)  
UT= 0.00 ZP= -4.250 AVE HT= 116.3



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

MIN,MAX= 2.4590E+07 4.4881E+07 INTERVAL= 1.0000E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

HE (CM3)  
HELIUM (HE)  
UT= 0.00 ZP= -0.250 AVE HT= 201.2

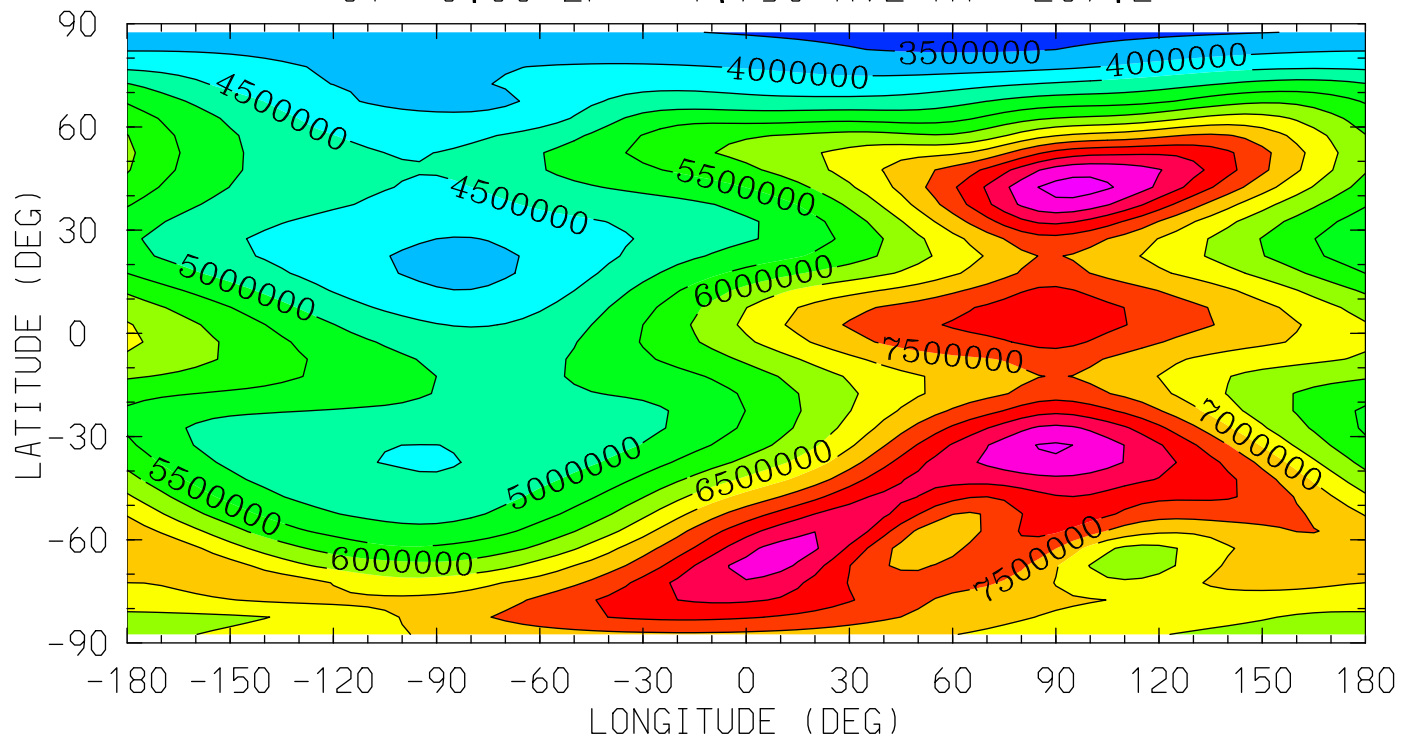


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 5.1156E+06 1.4427E+07 INTERVAL= 5.0000E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc



HE (CM3)  
HELIUM (HE)  
UT= 0.00 ZP= 1.750 AVE HT= 267.2

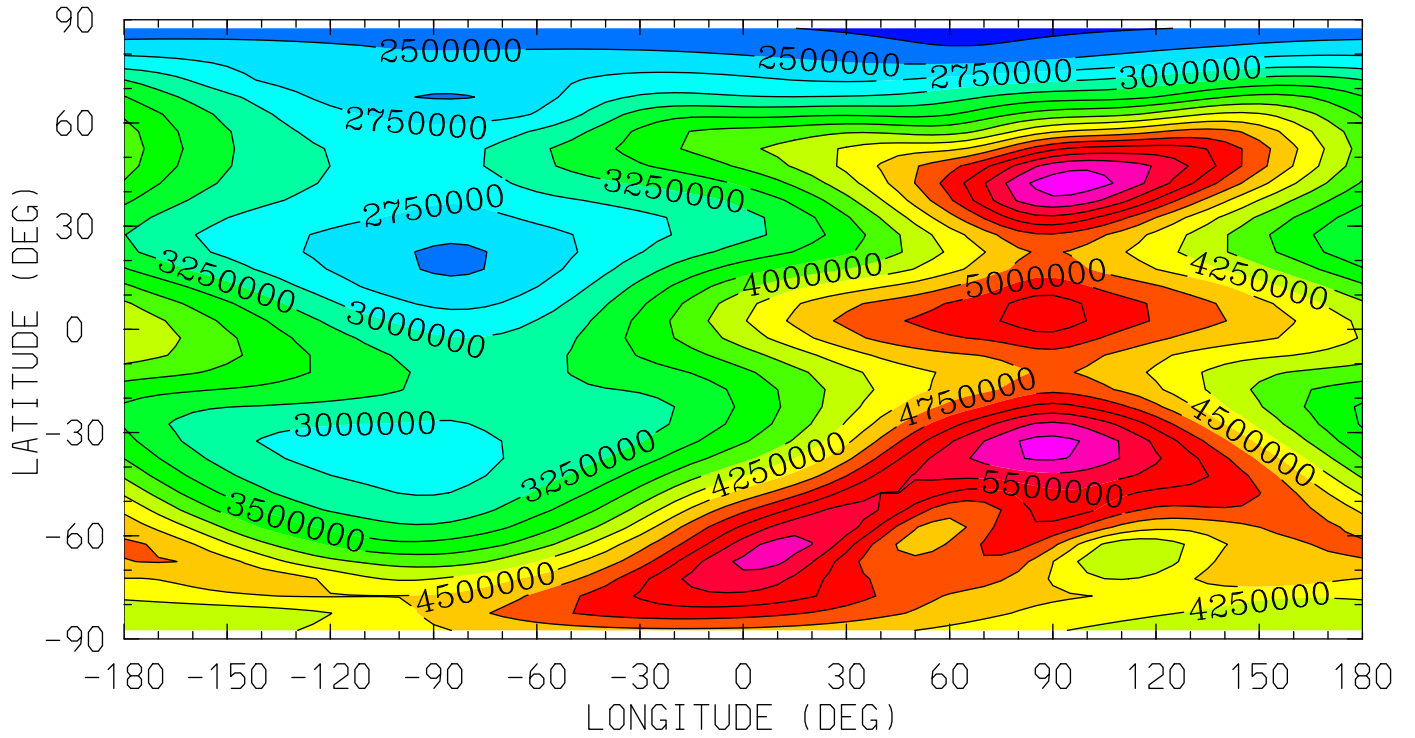


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 3.3746E+06 9.7298E+06 INTERVAL= 5.0000E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

HE (CM3)  
HELIUM (HE)

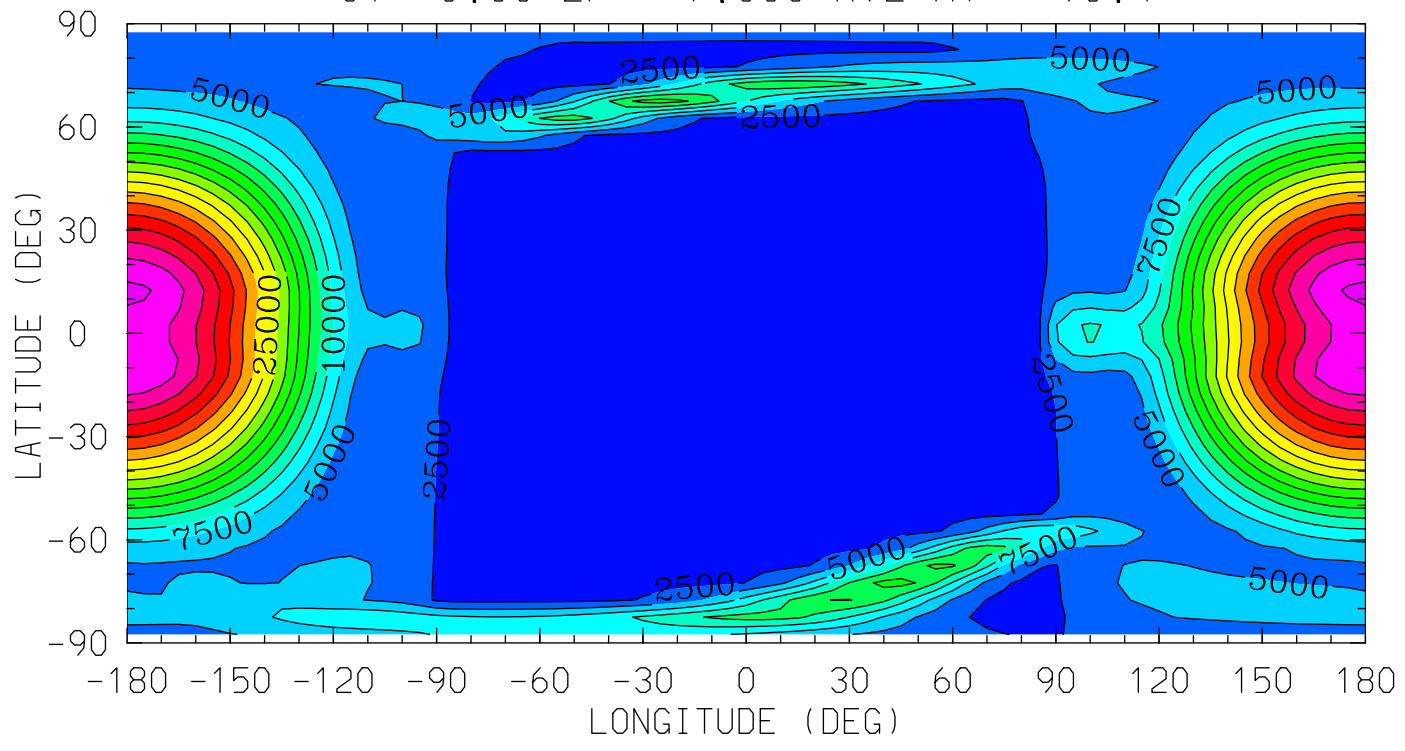
UT= 0.00 ZP= 3.750 AVE HT= 345.2



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

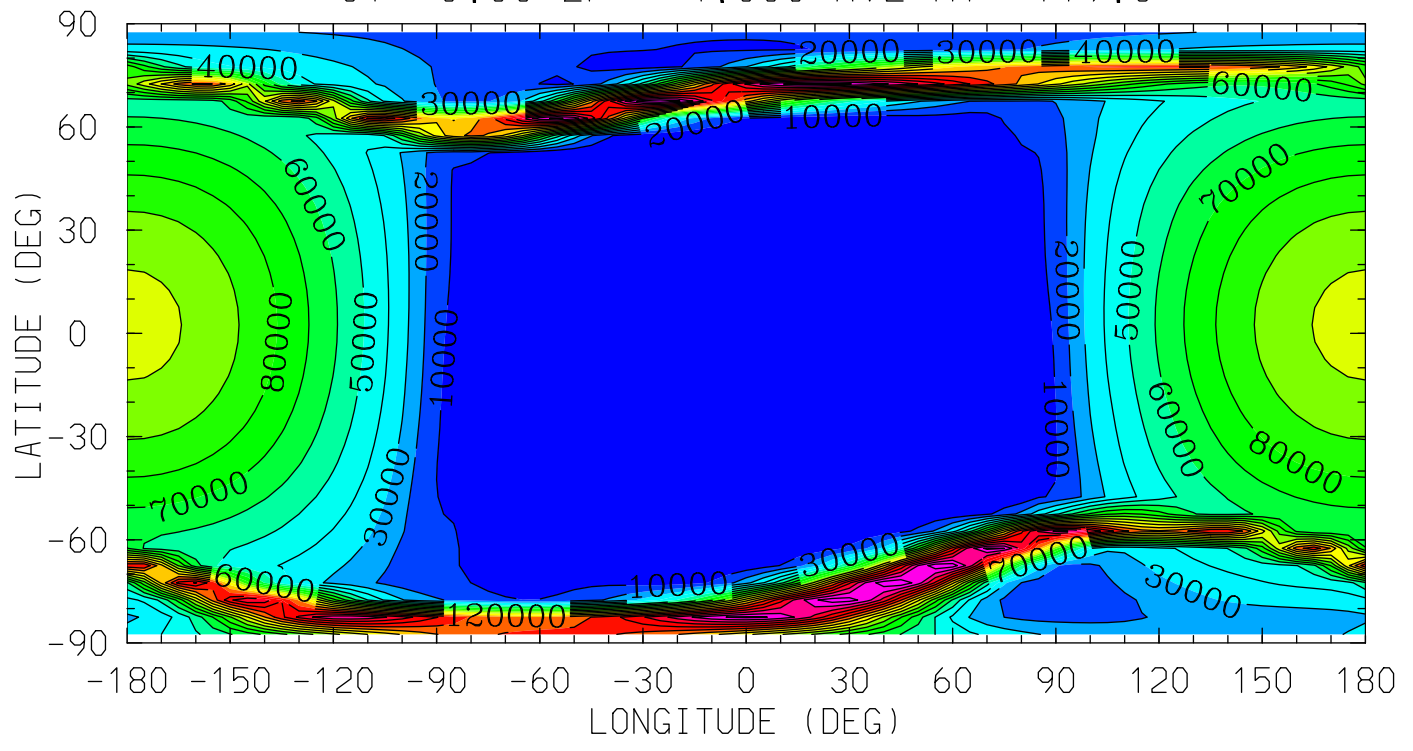
MIN,MAX= 2.2107E+06 6.1735E+06 INTERVAL= 2.5000E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



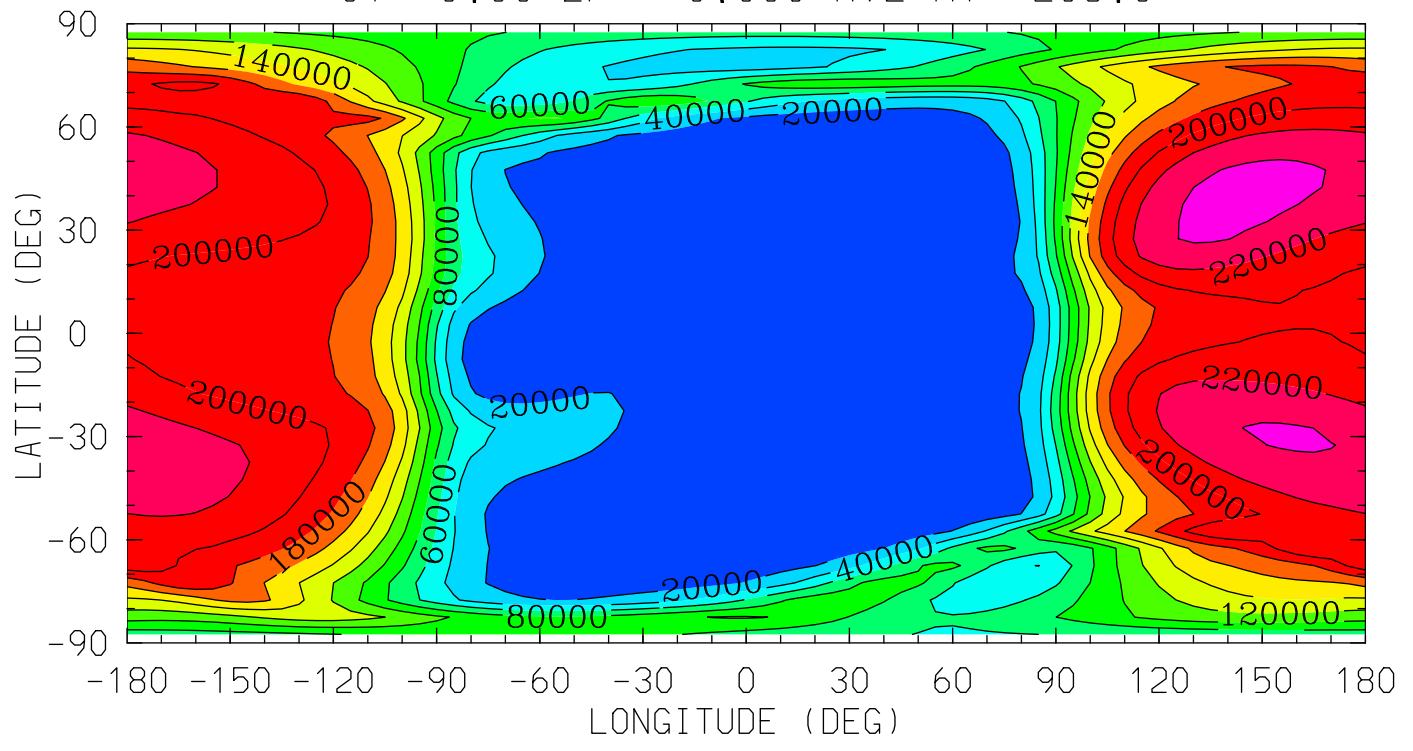
MIN,MAX= 1.7550E+03 4.3128E+04 INTERVAL= 2.5000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

NE (CM3)  
ELECTRON DENSITY  
UT= 0.00 ZP= -4.000 AVE HT= 119.3



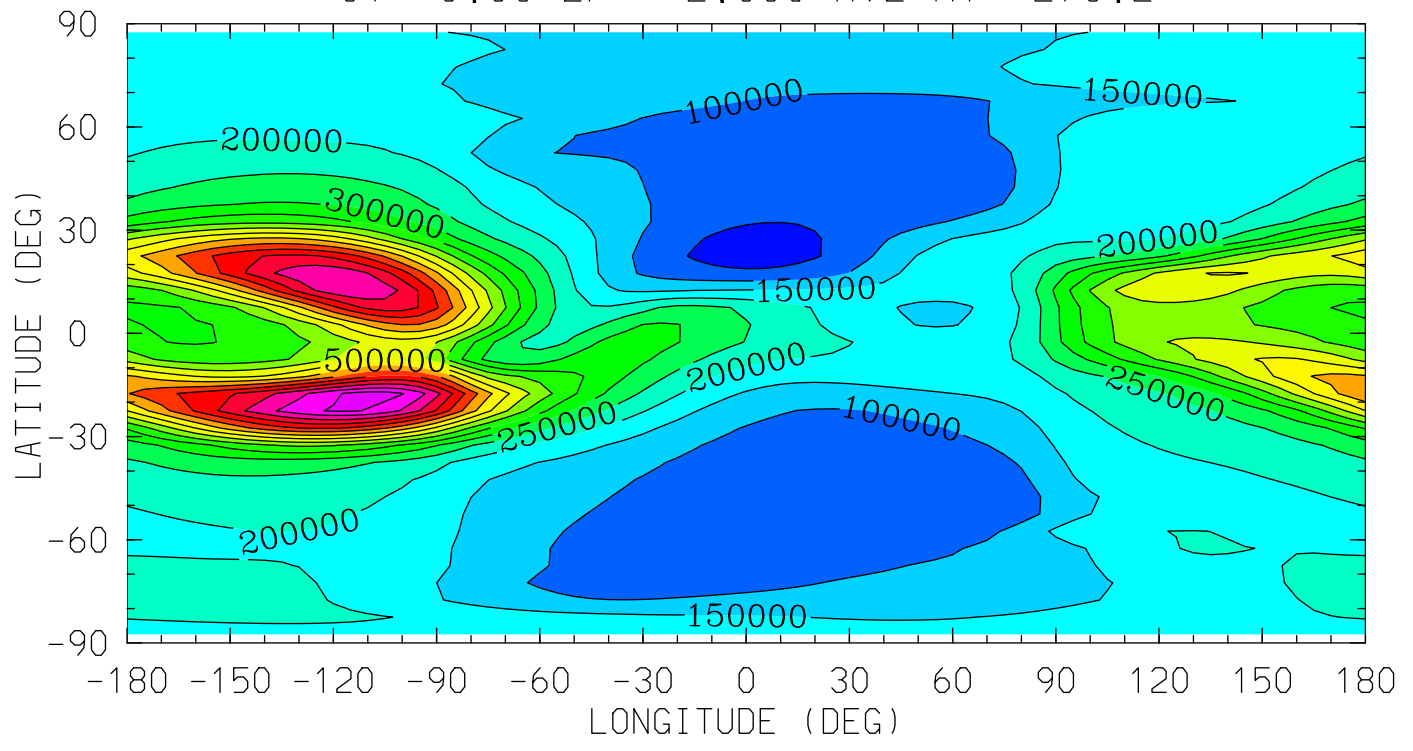
MIN,MAX= 1.6892E+03 1.9848E+05 INTERVAL= 1.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

NE (CM3)  
ELECTRON DENSITY  
UT= 0.00 ZP= 0.000 AVE HT= 208.6



MIN,MAX= 1.3233E+03 2.4651E+05 INTERVAL= 2.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

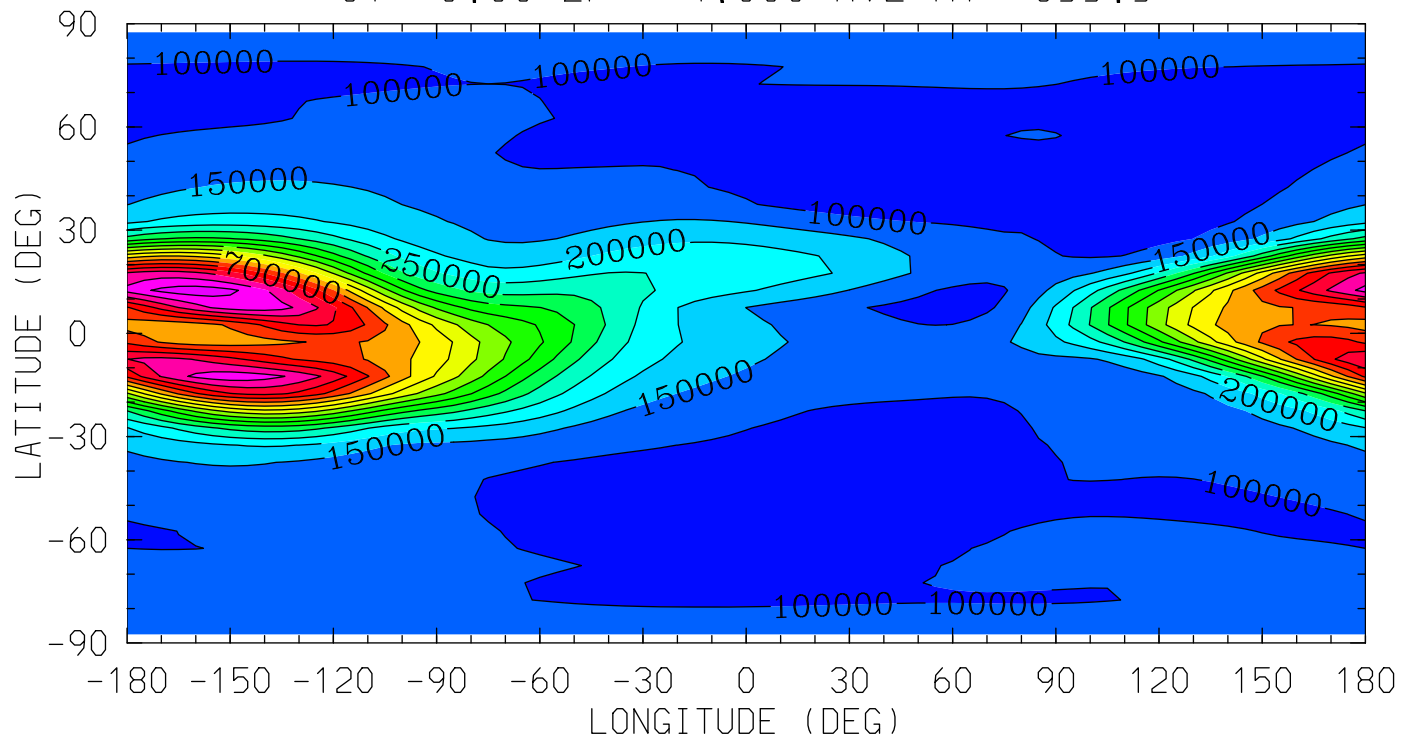
NE (CM3)  
ELECTRON DENSITY  
UT= 0.00 ZP= 2.000 AVE HT= 276.2



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

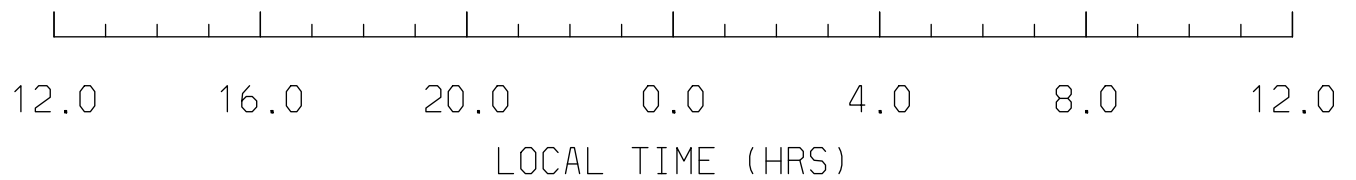
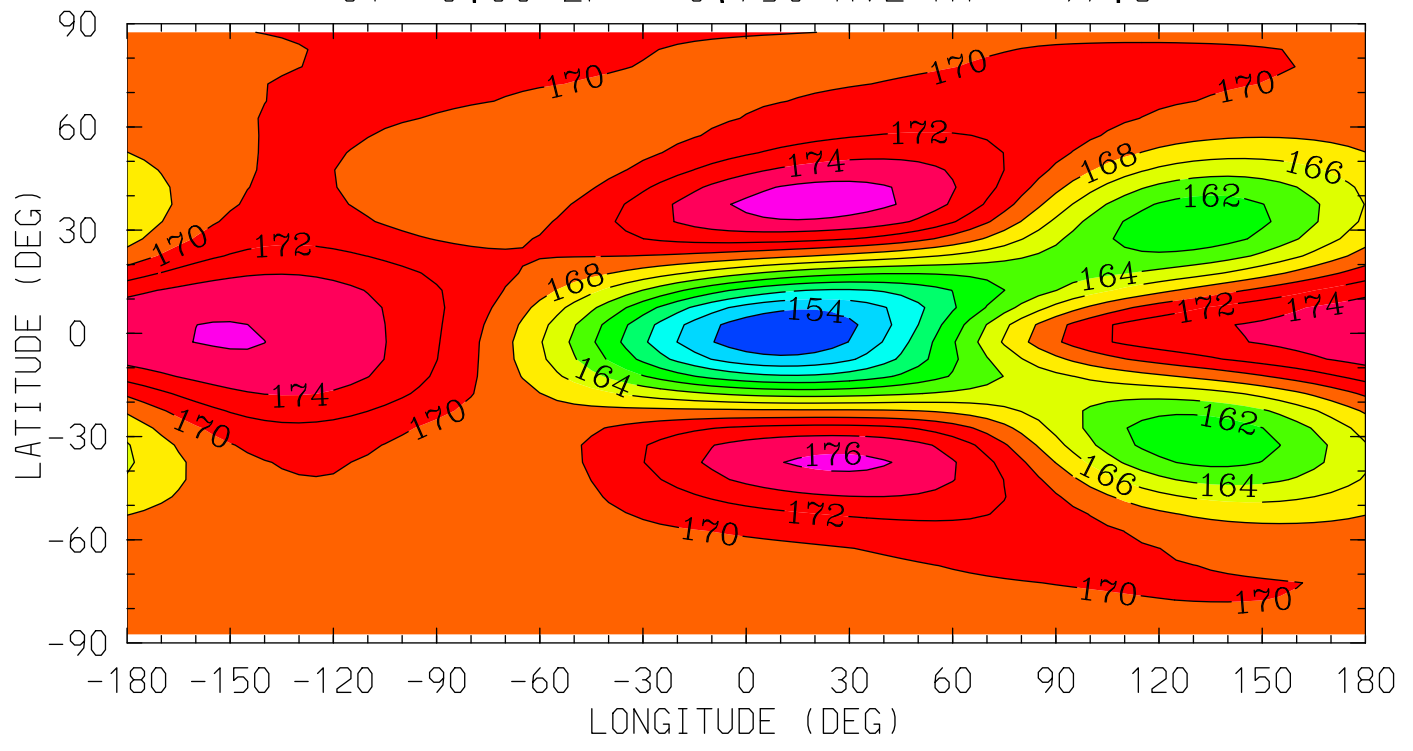
MIN,MAX= 2.9491E+04 8.7175E+05 INTERVAL= 5.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

NE (CM3)  
ELECTRON DENSITY  
UT= 0.00 ZP= 4.000 AVE HT= 355.5



MIN,MAX= 7.0715E+04 9.2872E+05 INTERVAL= 5.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

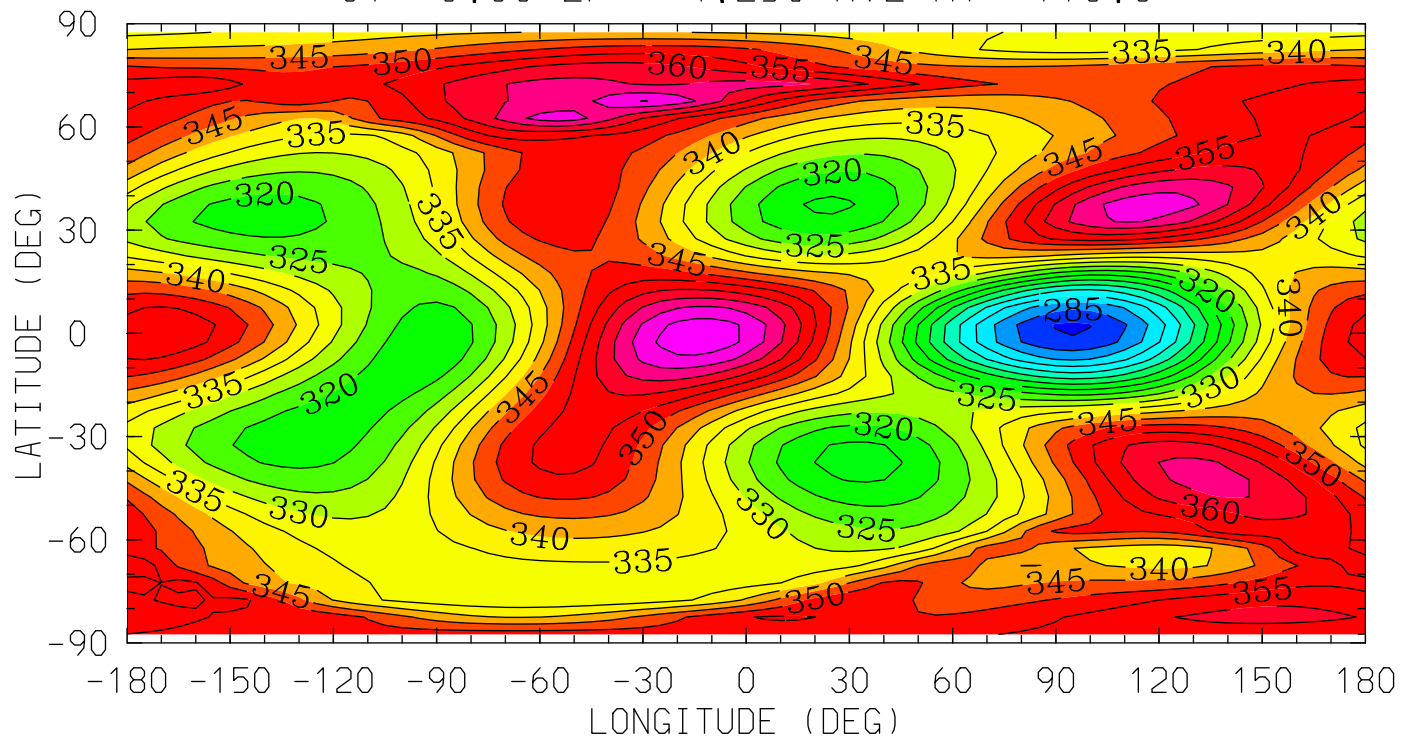
TE (DEG K)  
ELECTRON TEMPERATURE  
UT= 0.00 ZP= -6.750 AVE HT= 97.8



MIN,MAX= 1.5231E+02 1.7712E+02 INTERVAL= 2.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc



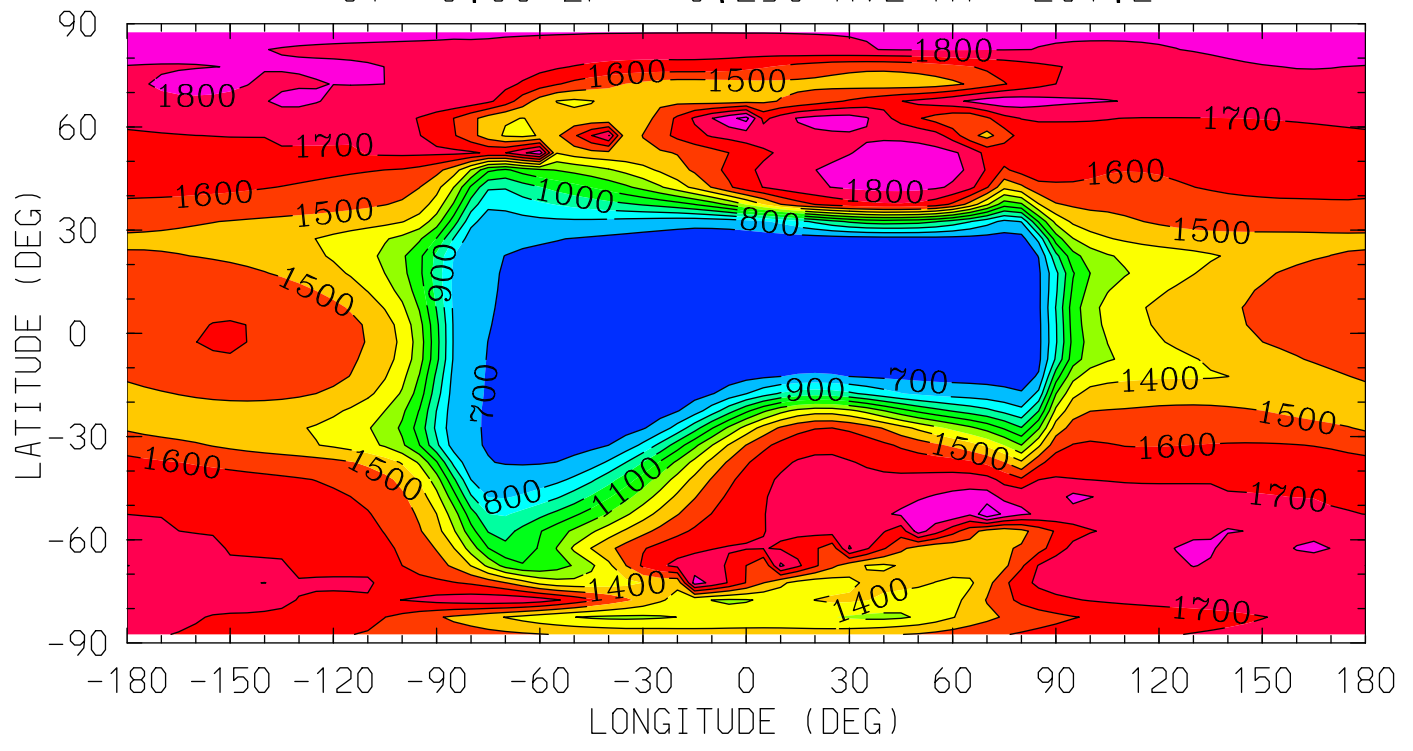
TE (DEG K)  
ELECTRON TEMPERATURE  
UT= 0.00 ZP= -4.250 AVE HT= 116.3



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

MIN,MAX= 2.7906E+02 3.7857E+02 INTERVAL= 5.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

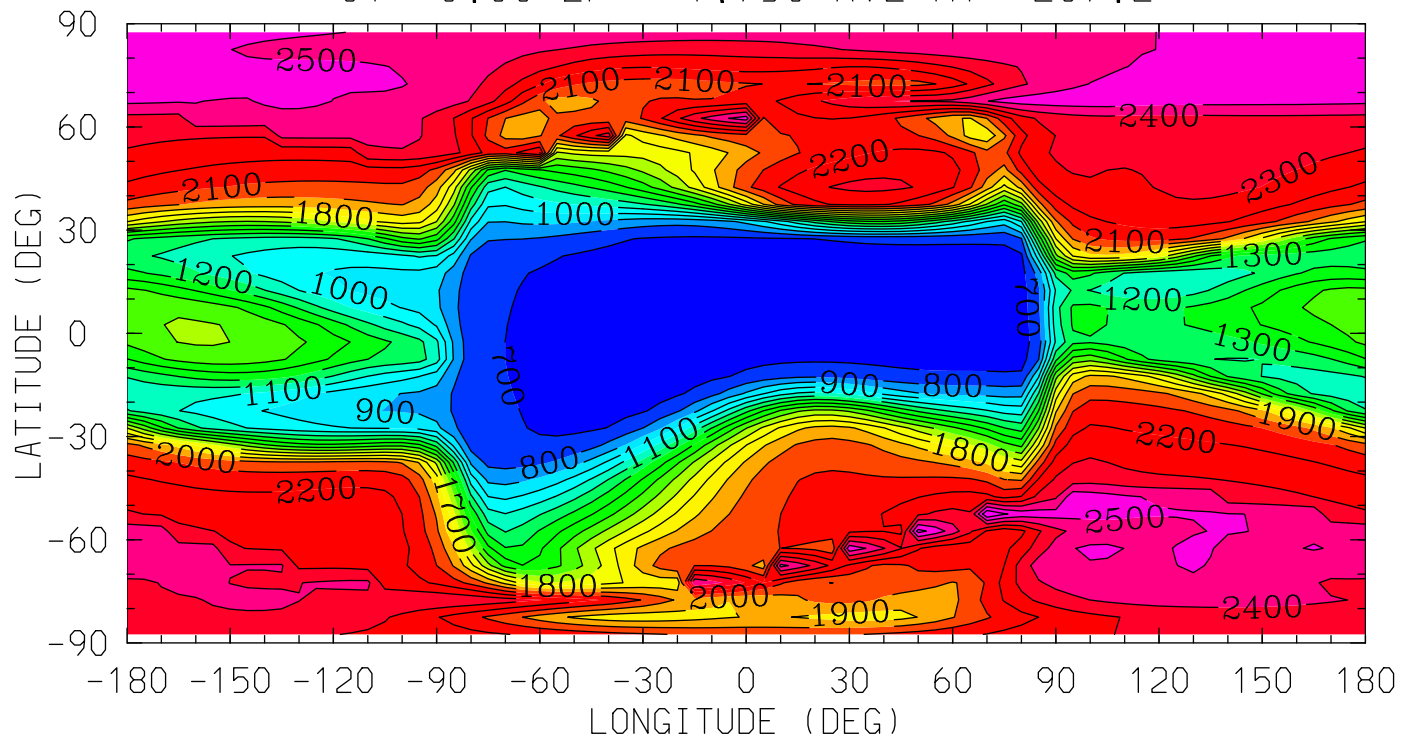
TE (DEG K)  
ELECTRON TEMPERATURE  
UT= 0.00 ZP= -0.250 AVE HT= 201.2



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

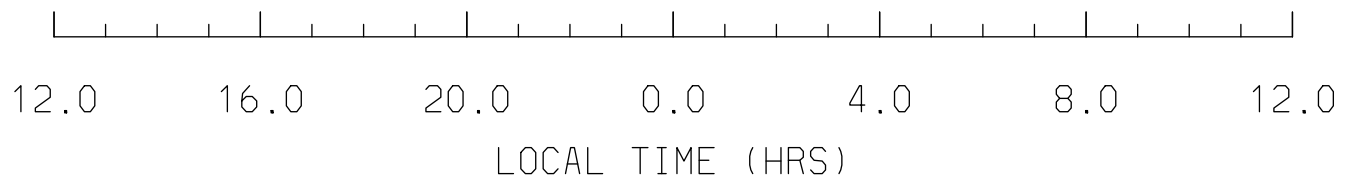
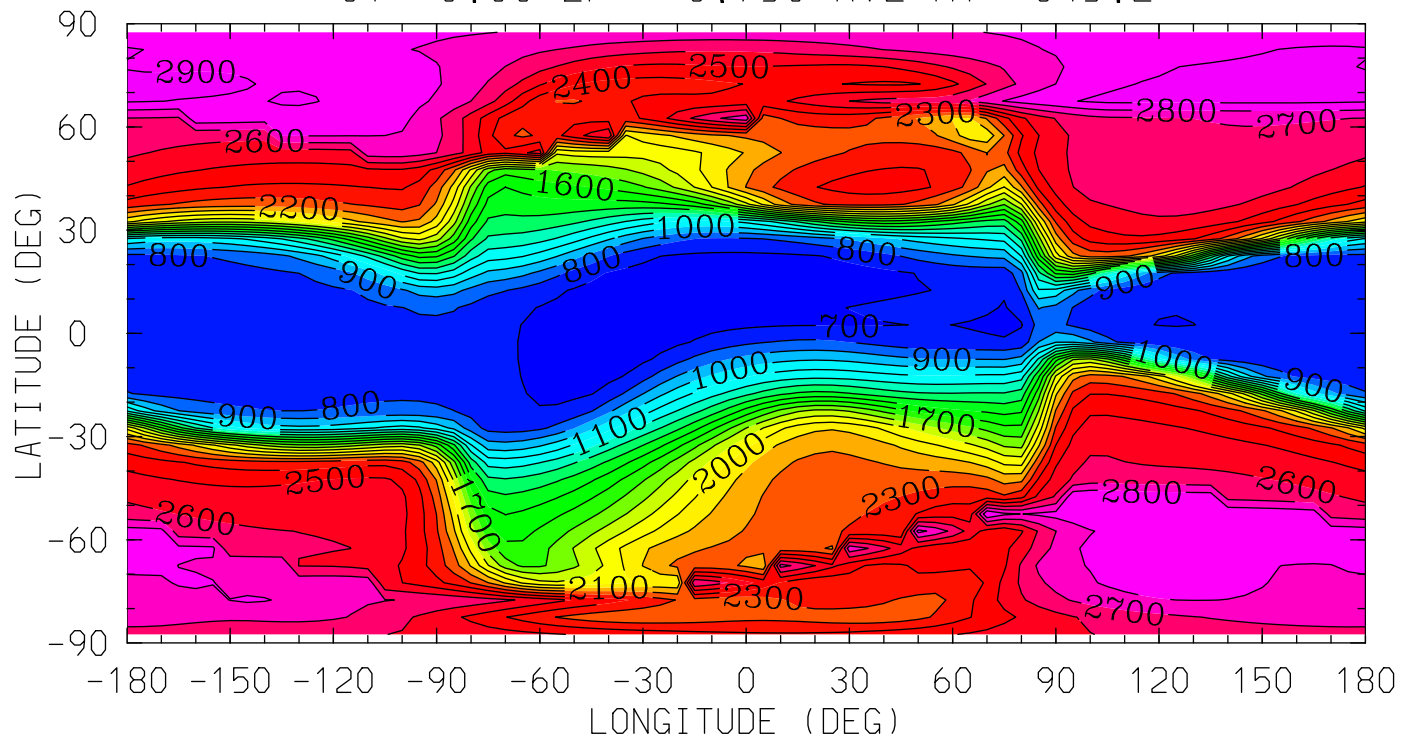
MIN,MAX= 6.2818E+02 1.9832E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

TE (DEG K)  
ELECTRON TEMPERATURE  
UT= 0.00 ZP= 1.750 AVE HT= 267.2



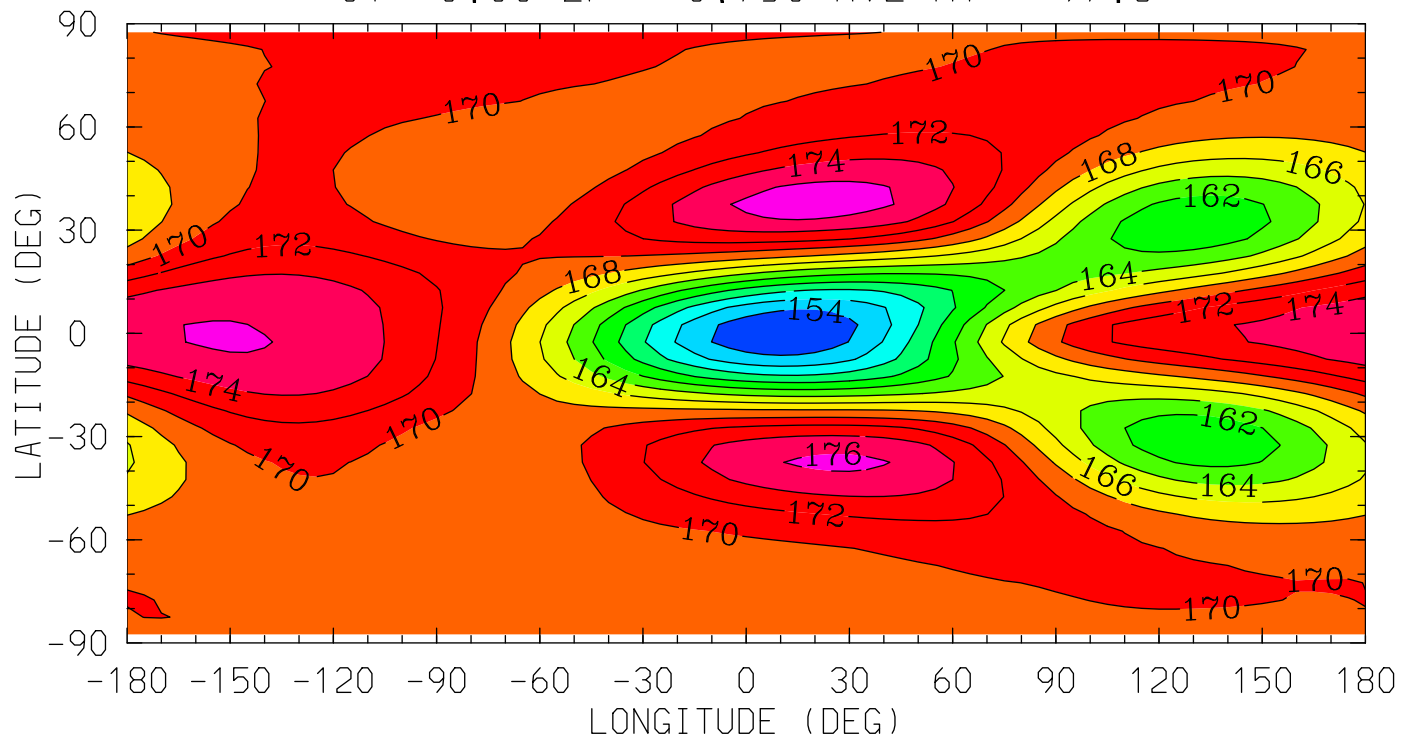
MIN,MAX= 6.5155E+02 2.6959E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

TE (DEG K)  
ELECTRON TEMPERATURE  
UT= 0.00 ZP= 3.750 AVE HT= 345.2



MIN,MAX= 6.5925E+02 2.9497E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

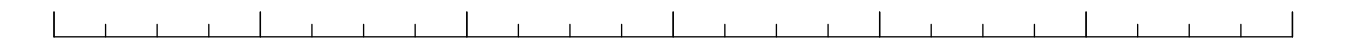
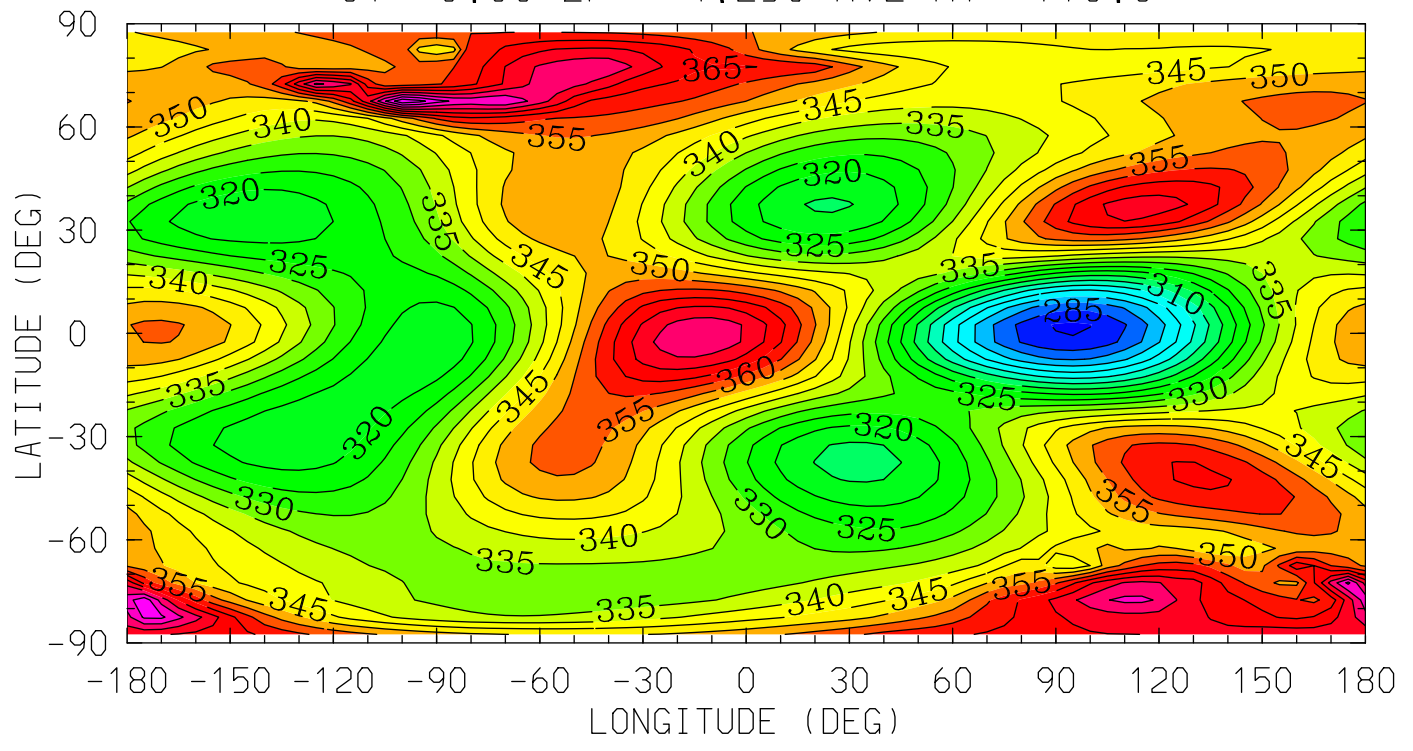
TI (DEG K)  
ION TEMPERATURE  
UT= 0.00 ZP= -6.750 AVE HT= 97.8



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

MIN,MAX= 1.5231E+02 1.7712E+02 INTERVAL= 2.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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

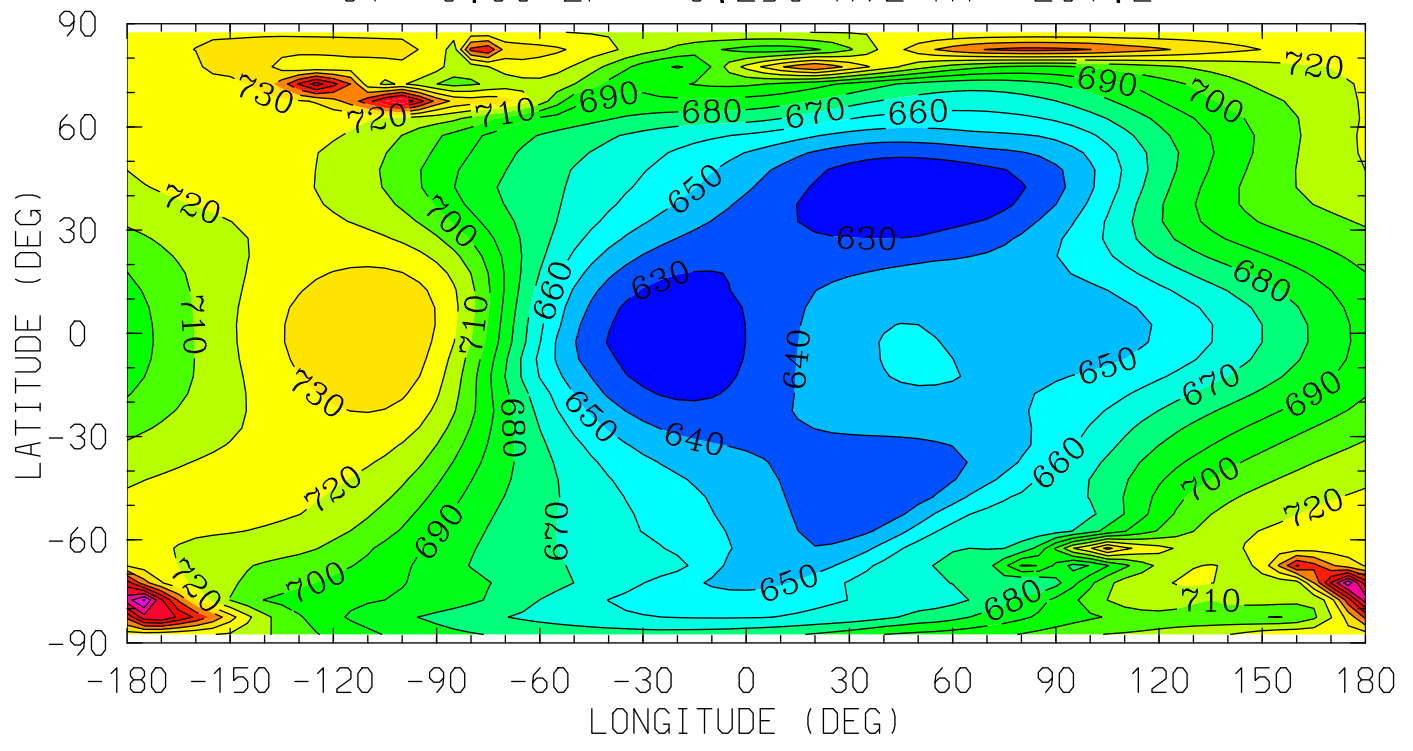


12.0 16.0 20.0 0.0 4.0 8.0 12.0

LOCAL TIME (HRS)

MIN,MAX= 2.7905E+02 3.9428E+02 INTERVAL= 5.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

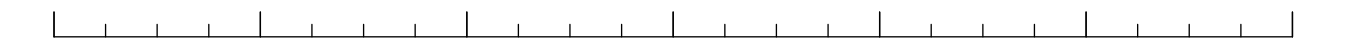
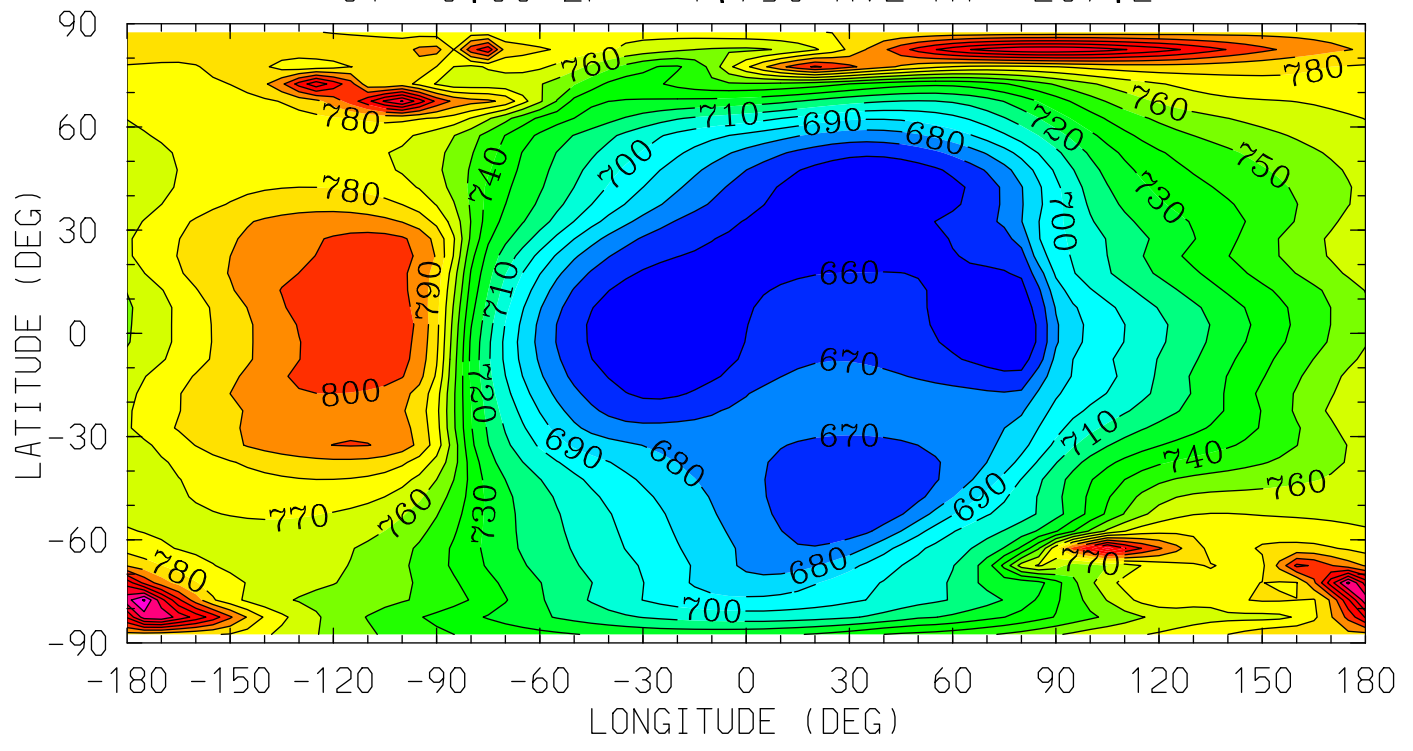
TI (DEG K)  
ION TEMPERATURE  
UT= 0.00 ZP= -0.250 AVE HT= 201.2



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

MIN,MAX= 6.2036E+02 8.0108E+02 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

TI (DEG K)  
ION TEMPERATURE  
UT= 0.00 ZP= 1.750 AVE HT= 267.2



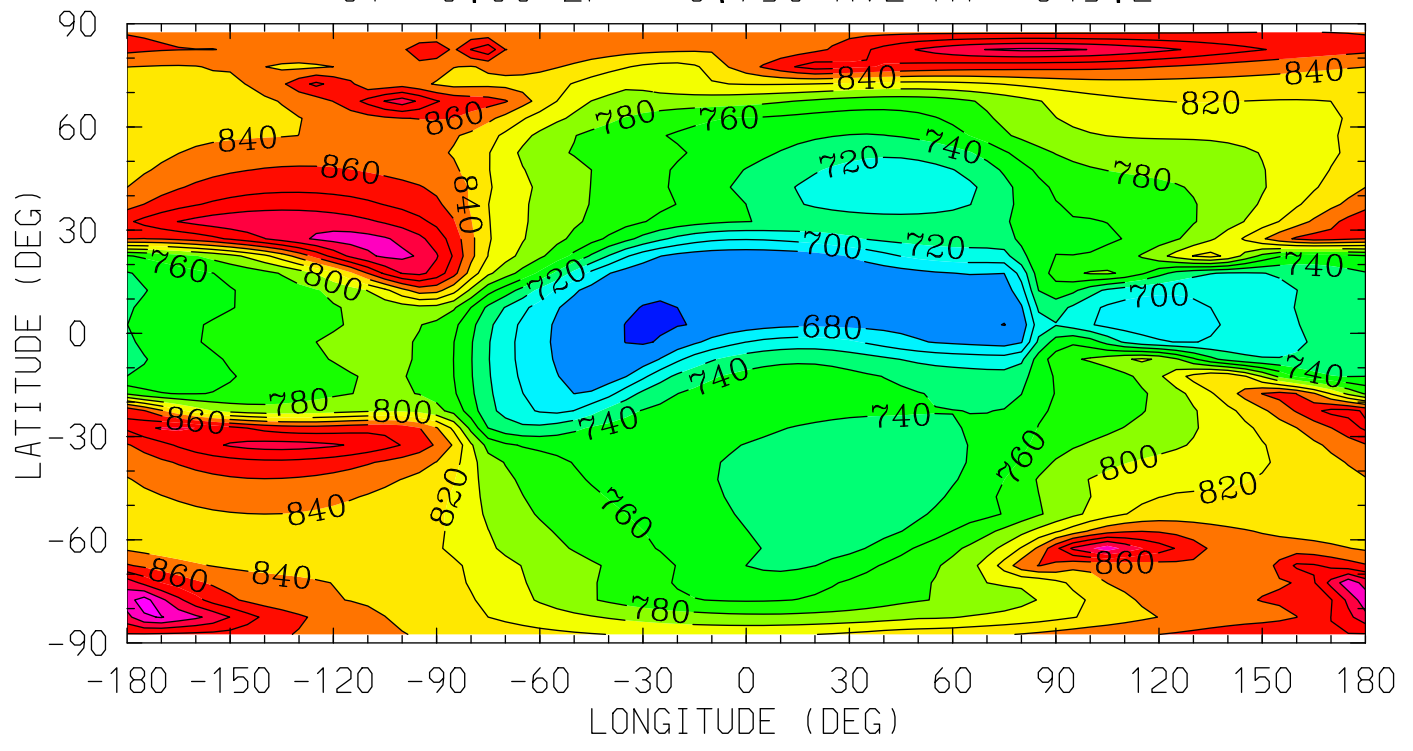
12.0 16.0 20.0 0.0 4.0 8.0 12.0

LOCAL TIME (HRS)

MIN,MAX= 6.5038E+02 8.6137E+02 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc



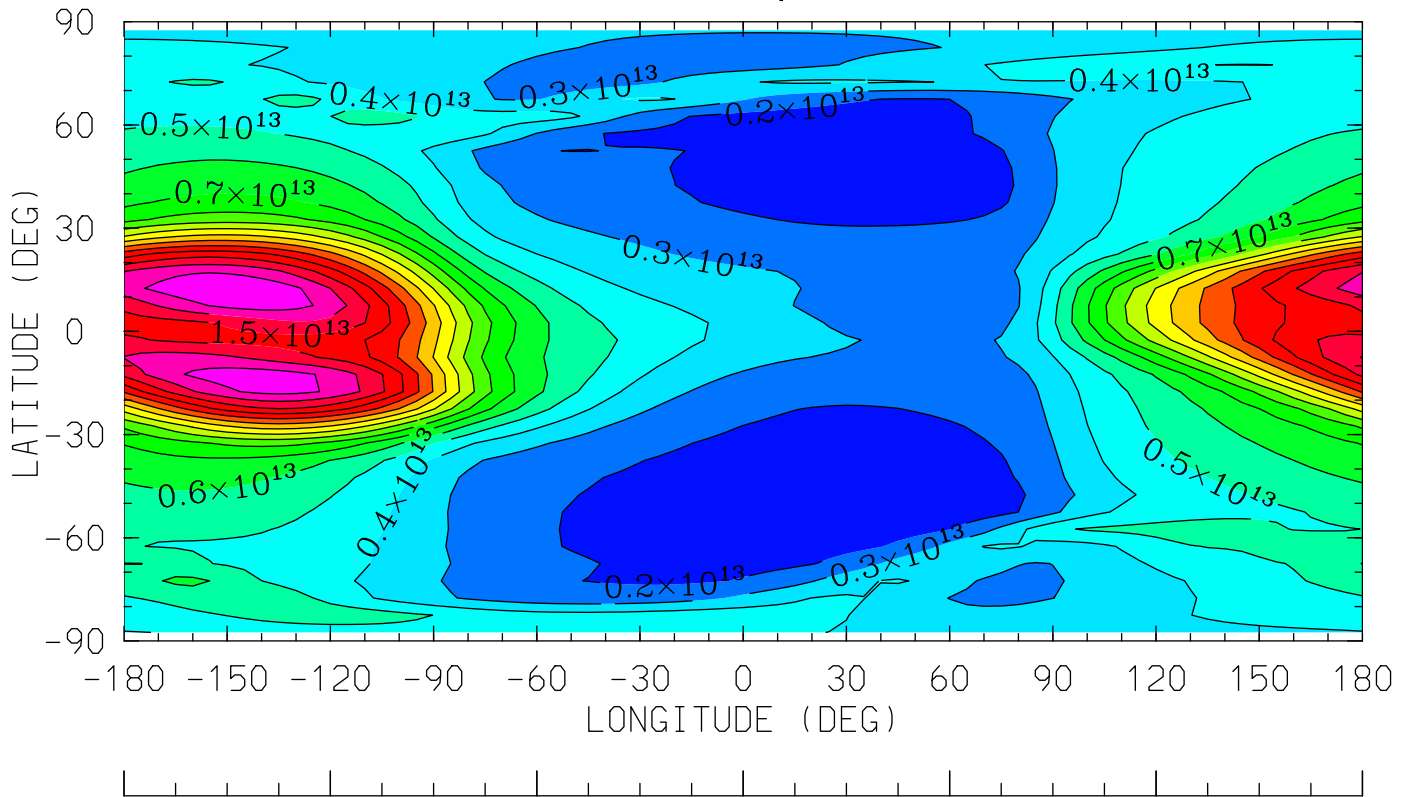
TI (DEG K)  
ION TEMPERATURE  
UT= 0.00 ZP= 3.750 AVE HT= 345.2



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

MIN,MAX= 6.5836E+02 9.4899E+02 INTERVAL= 2.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

TEC ( )  
TEC: Total Electron Content  
UT= 0.00



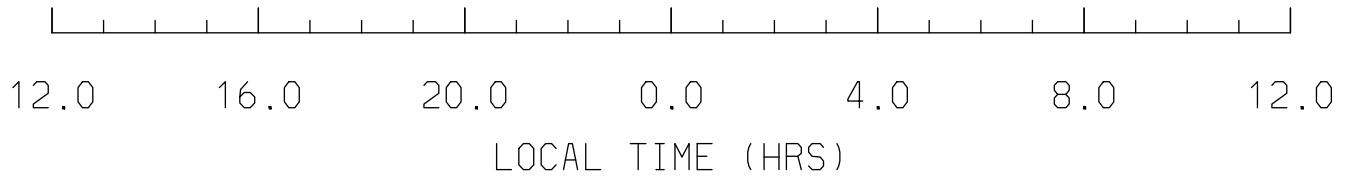
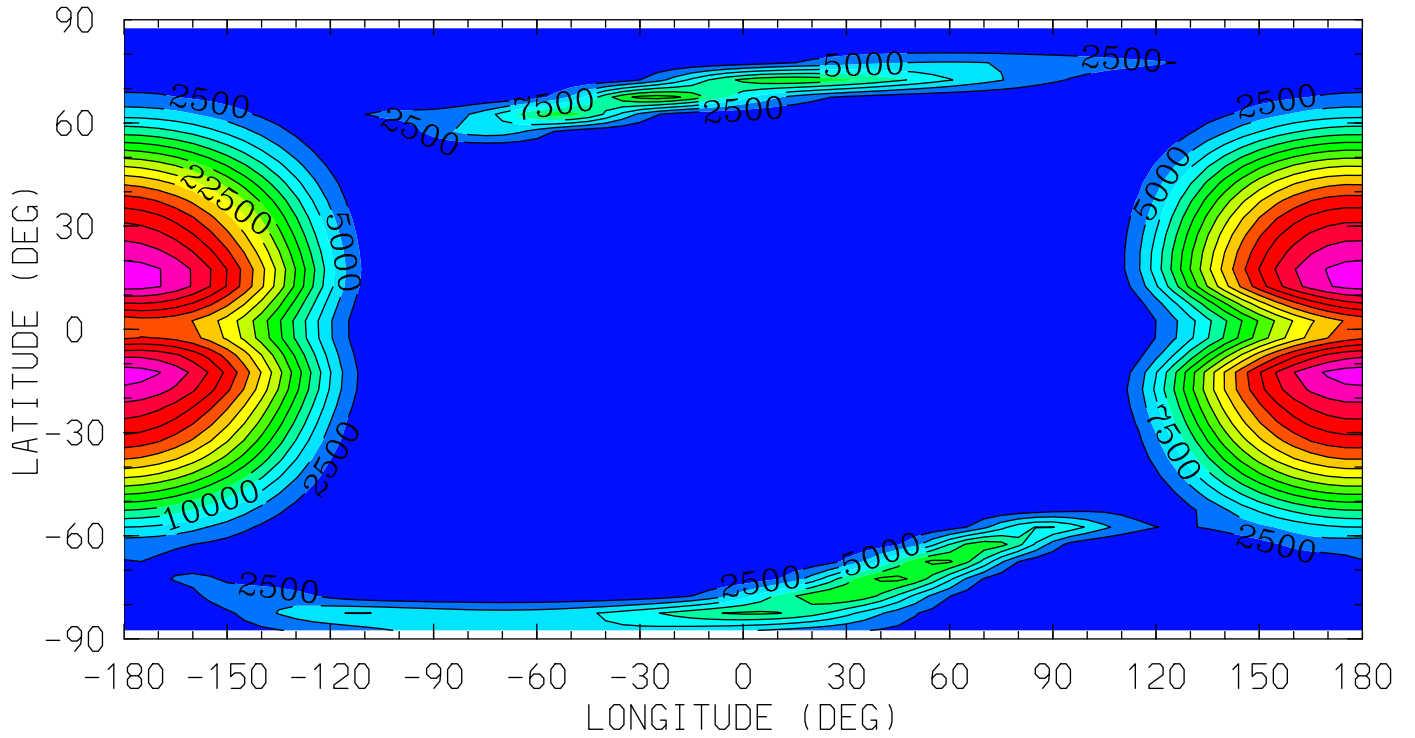
12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.3761E+12 1.7962E+13 INTERVAL= 1.0000E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

02P (CM3)

02+ ION

UT= 0.00 ZP= -6.750 AVE HT= 97.8

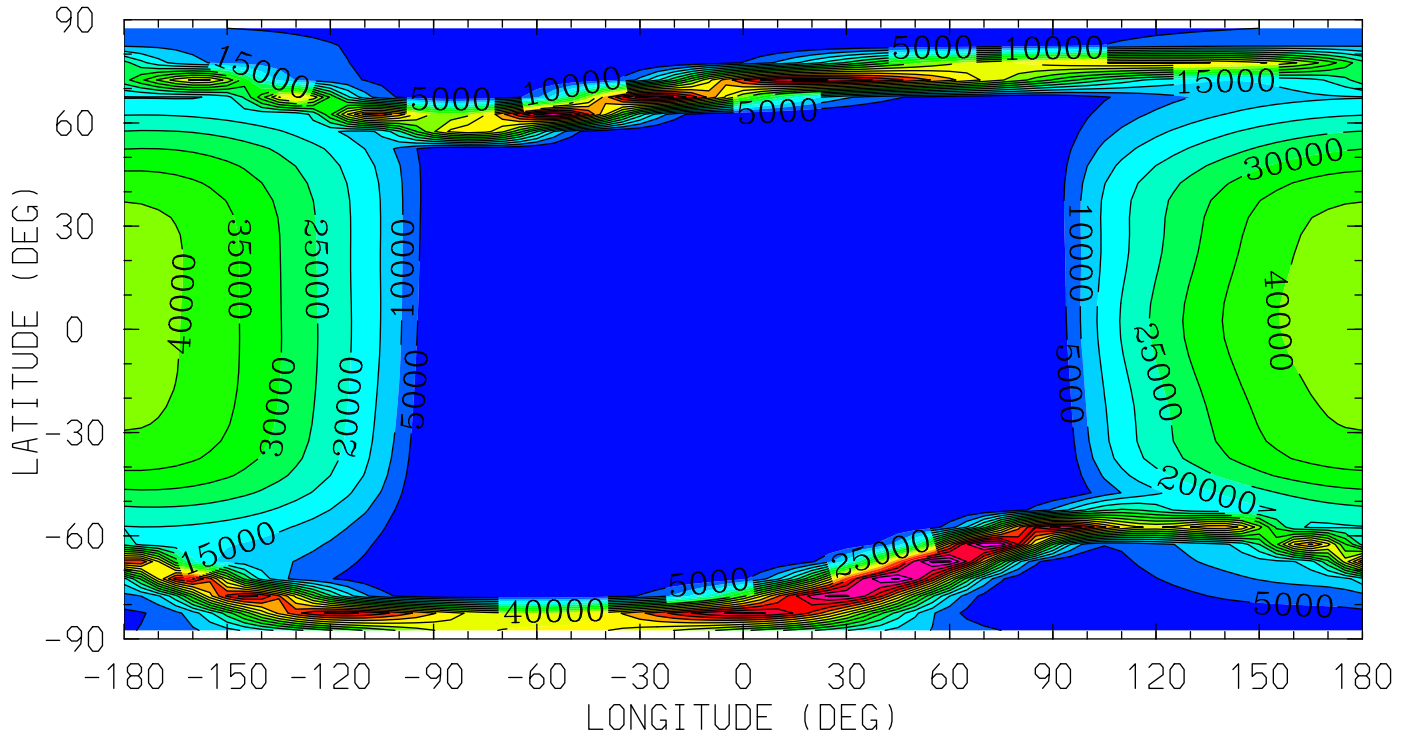


MIN,MAX= 8.9102E+01 4.1313E+04 INTERVAL= 2.5000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

O2P (CM3)

O2+ ION

UT= 0.00 ZP= -4.250 AVE HT= 116.3



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

MIN,MAX= 2.9701E+01 8.6304E+04 INTERVAL= 5.0000E+03

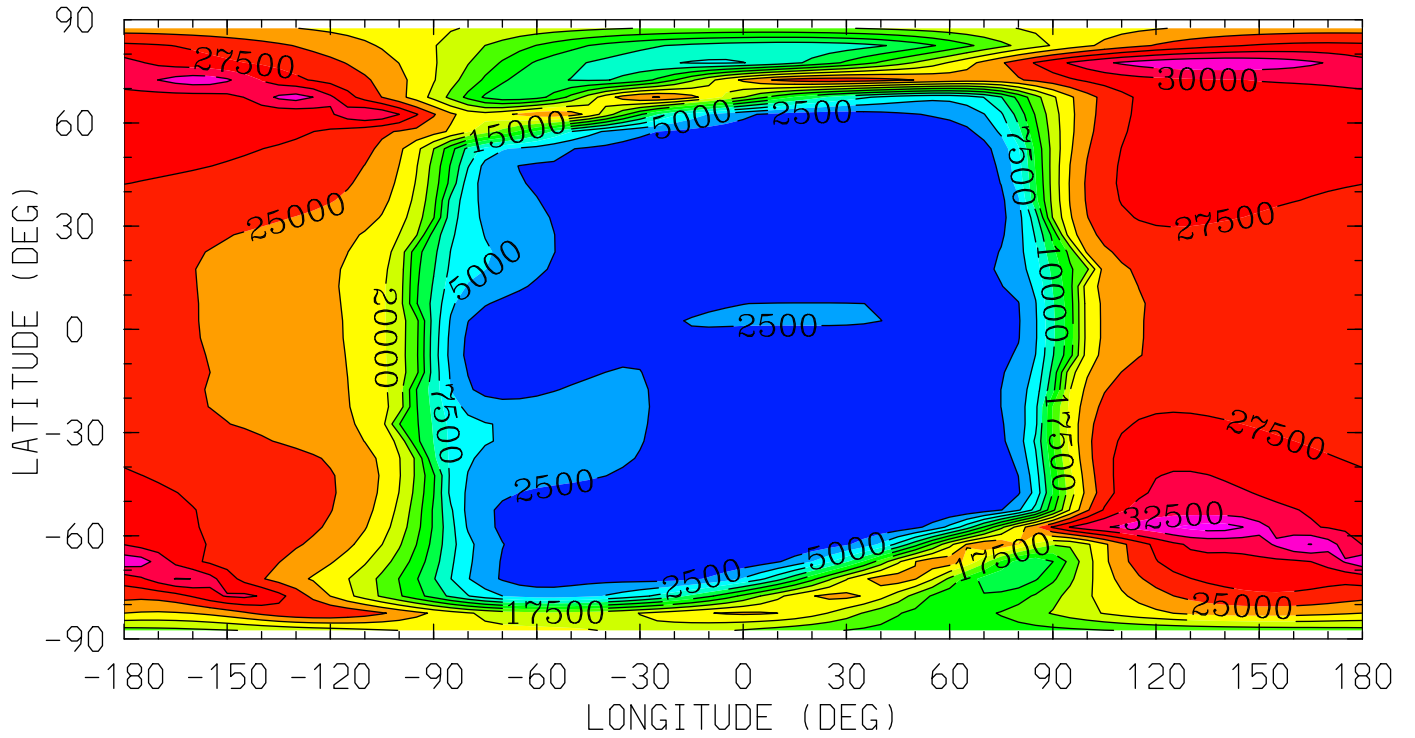
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)

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

O2P (CM3)

O2+ ION

UT= 0.00 ZP= -0.250 AVE HT= 201.2

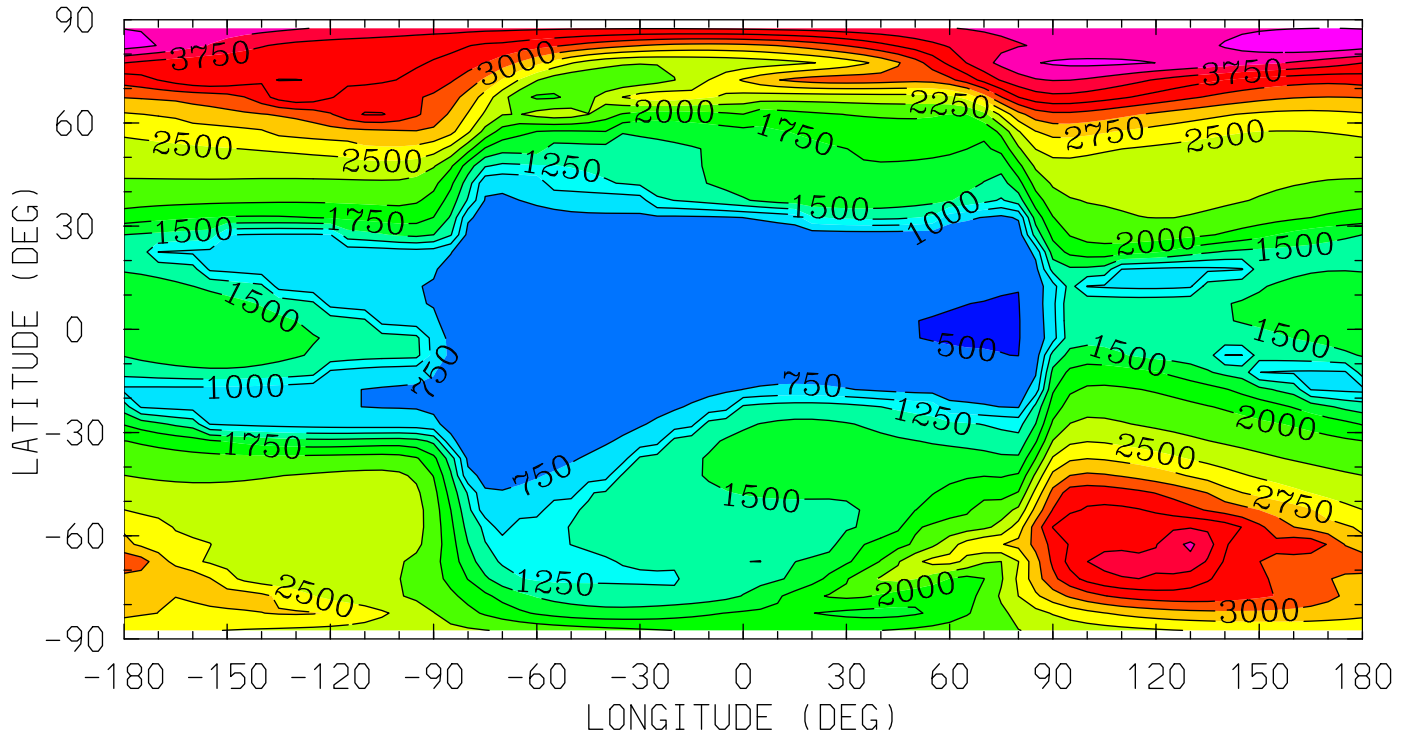


MIN,MAX= 5.0735E+01 3.6146E+04 INTERVAL= 2.5000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

02P (CM3)

02+ ION

UT= 0.00 ZP= 1.750 AVE HT= 267.2



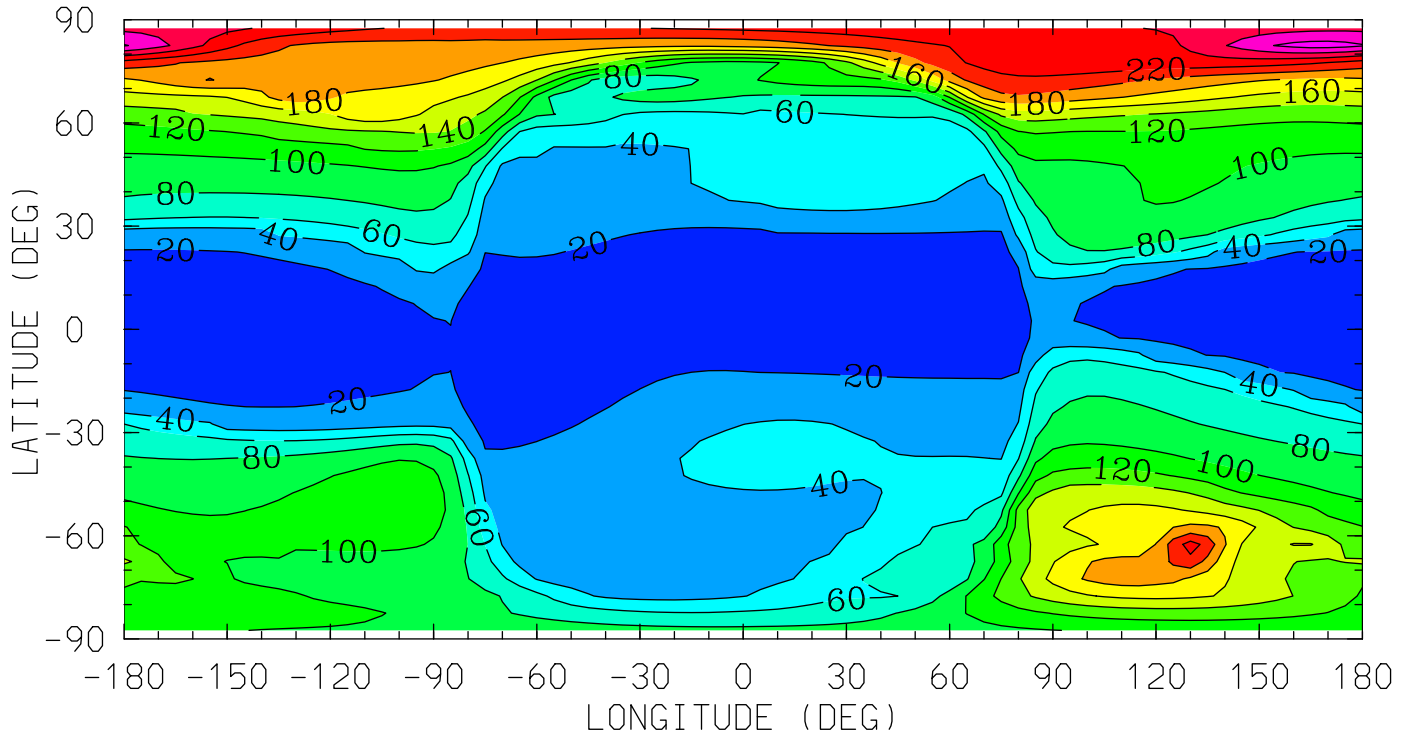
12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 4.9086E+02 4.4418E+03 INTERVAL= 2.5000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

02P (CM3)

02+ ION

UT= 0.00 ZP= 3.750 AVE HT= 345.2



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

MIN,MAX= 1.1645E+01 2.8844E+02 INTERVAL= 2.0000E+01

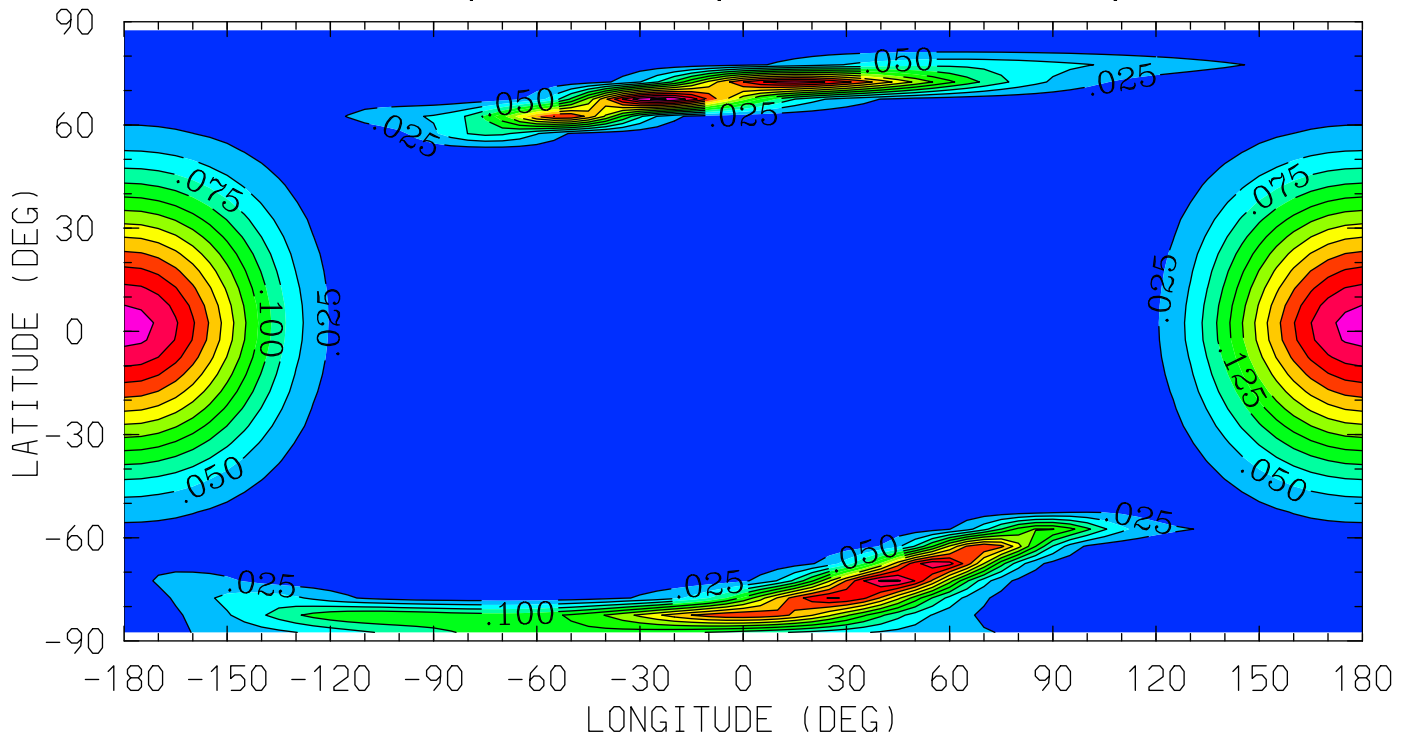
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)

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

OP (CM3)

O+ 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)

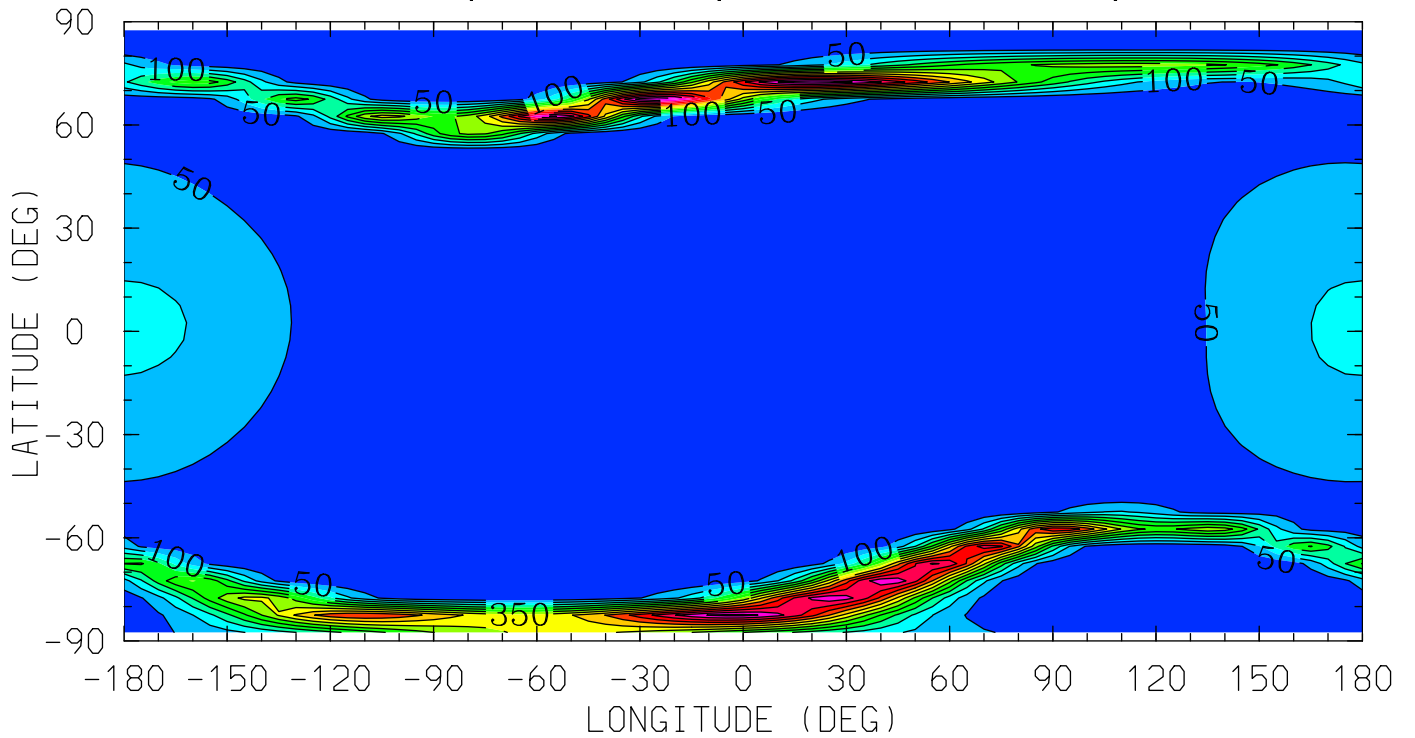
MIN,MAX= 8.4833E-03 3.3069E-01 INTERVAL= 2.5000E-02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc



OP (CM3)

0+ ION

UT= 0.00 ZP= -4.250 AVE HT= 116.3



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

MIN,MAX= 2.7168E-04 6.9684E+02 INTERVAL= 5.0000E+01

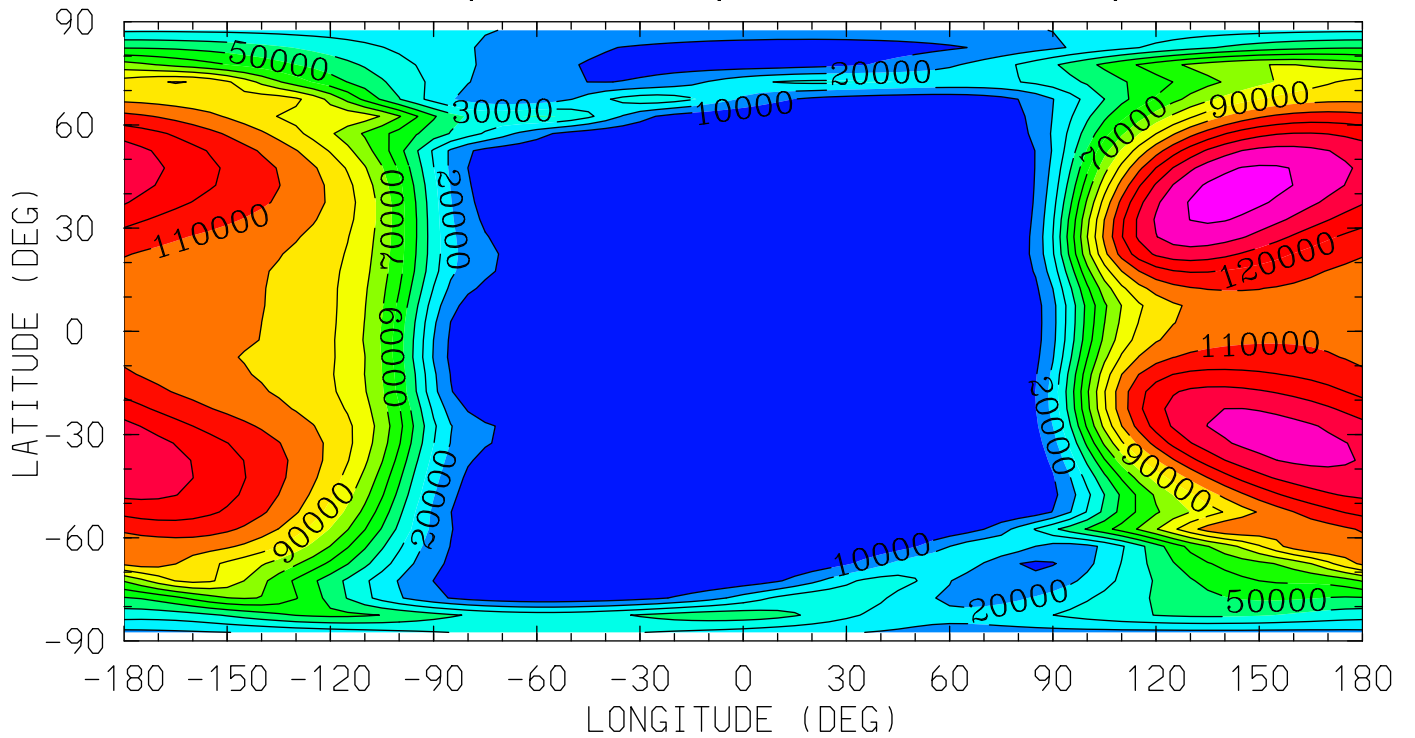
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)

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

OP (CM3)

O+ ION

UT= 0.00 ZP= -0.250 AVE HT= 201.2



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

MIN,MAX= 9.7651E+00 1.5448E+05 INTERVAL= 1.0000E+04

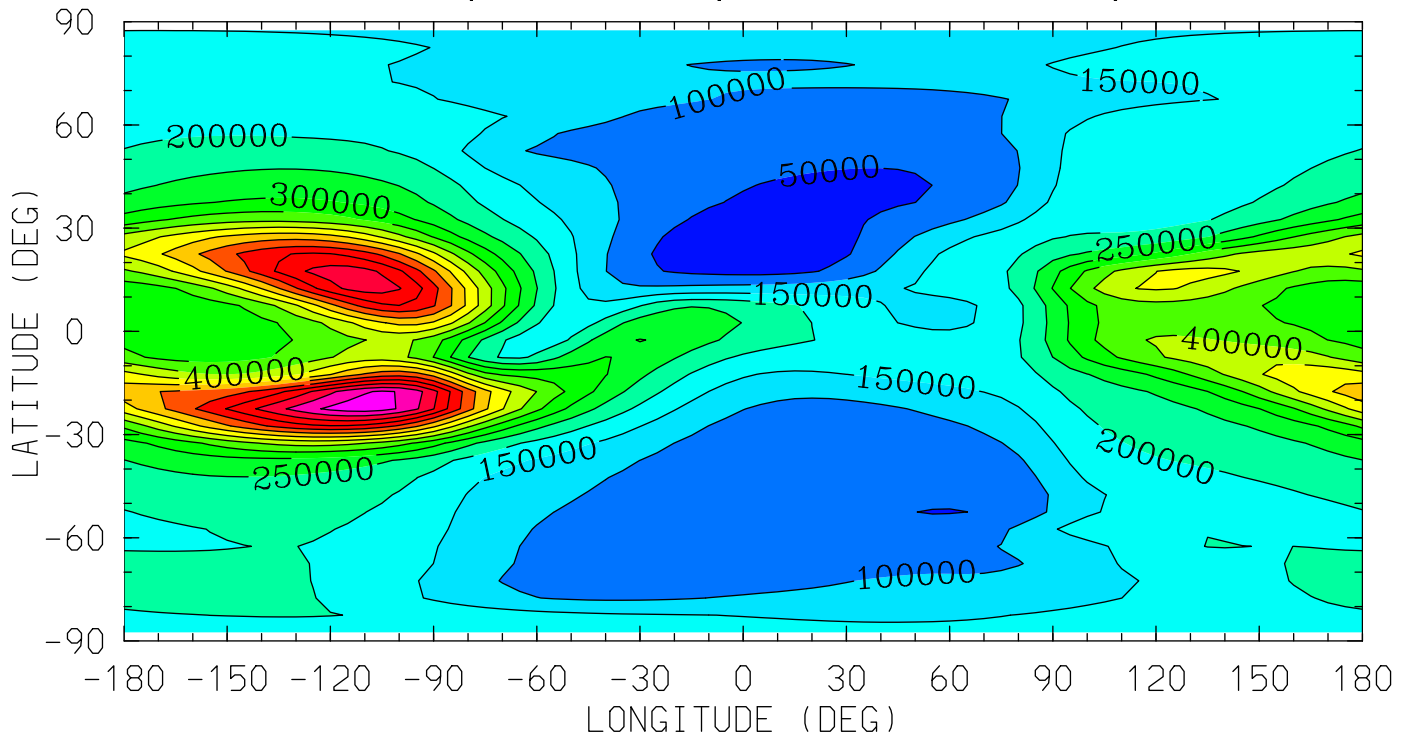
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)

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

OP (CM3)

0+ ION

UT= 0.00 ZP= 1.750 AVE HT= 267.2



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

MIN,MAX= 1.2793E+04 8.2806E+05 INTERVAL= 5.0000E+04

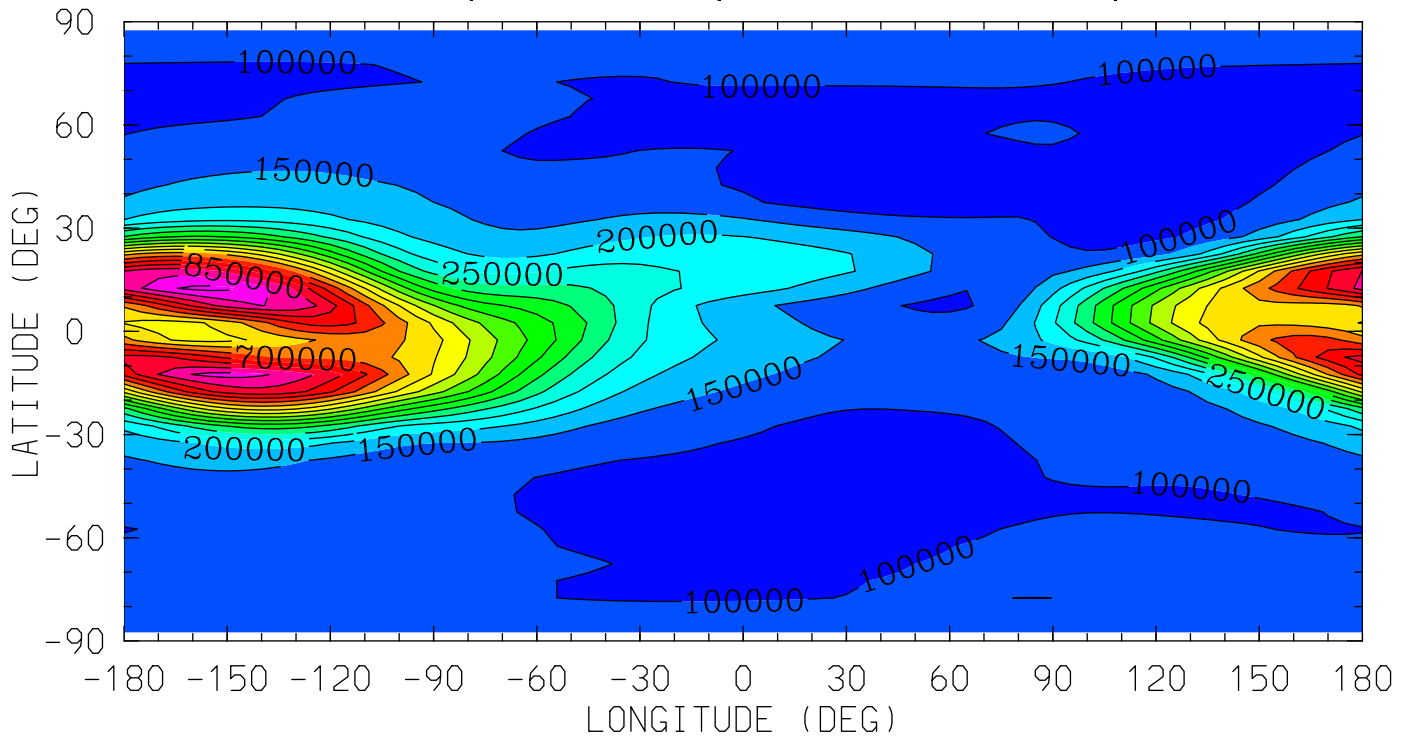
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)

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

OP (CM3)

0+ ION

UT= 0.00 ZP= 3.750 AVE HT= 345.2



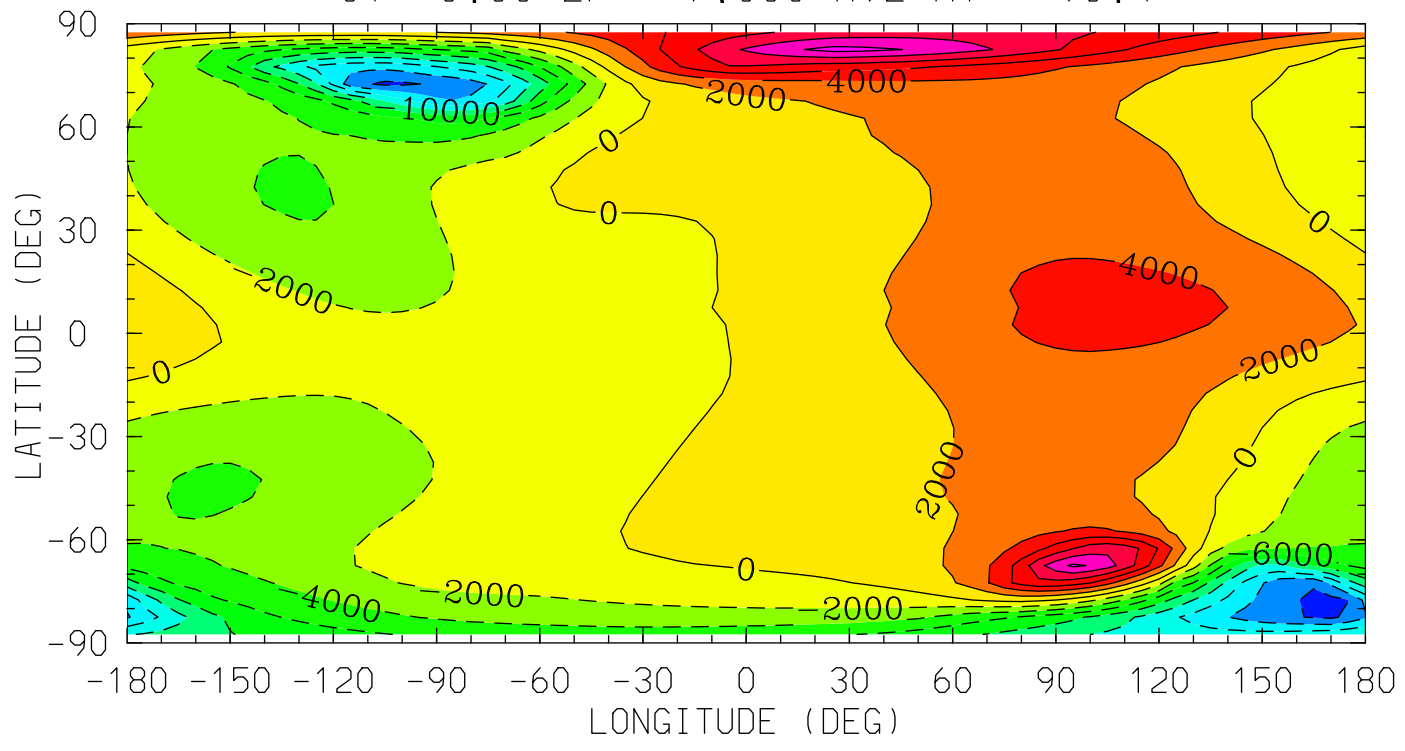
12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 7.3132E+04 9.6560E+05 INTERVAL= 5.0000E+04

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

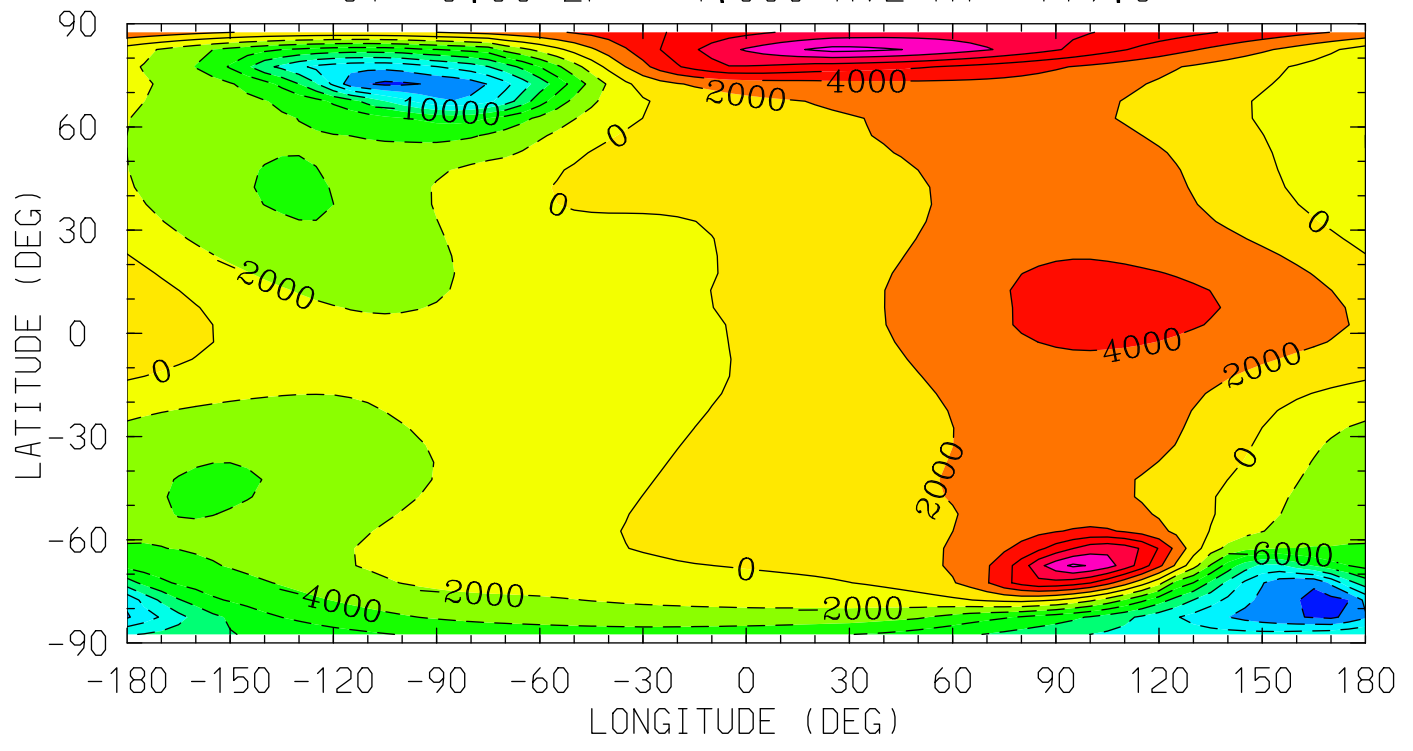
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



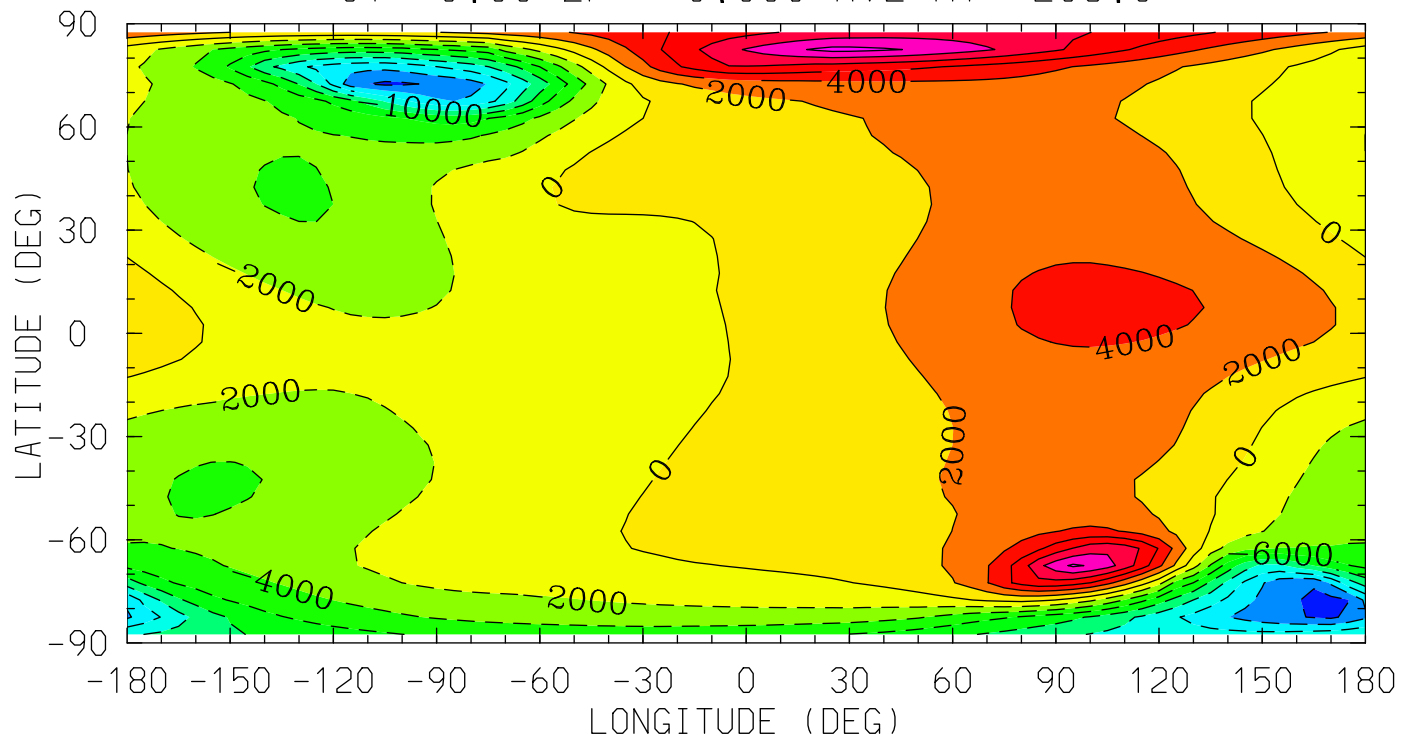
MIN,MAX= -1.6641E+04 1.2663E+04 INTERVAL= 2.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

POTEN (VOLTS)  
ELECTRIC POTENTIAL  
UT= 0.00 ZP= -4.000 AVE HT= 119.3



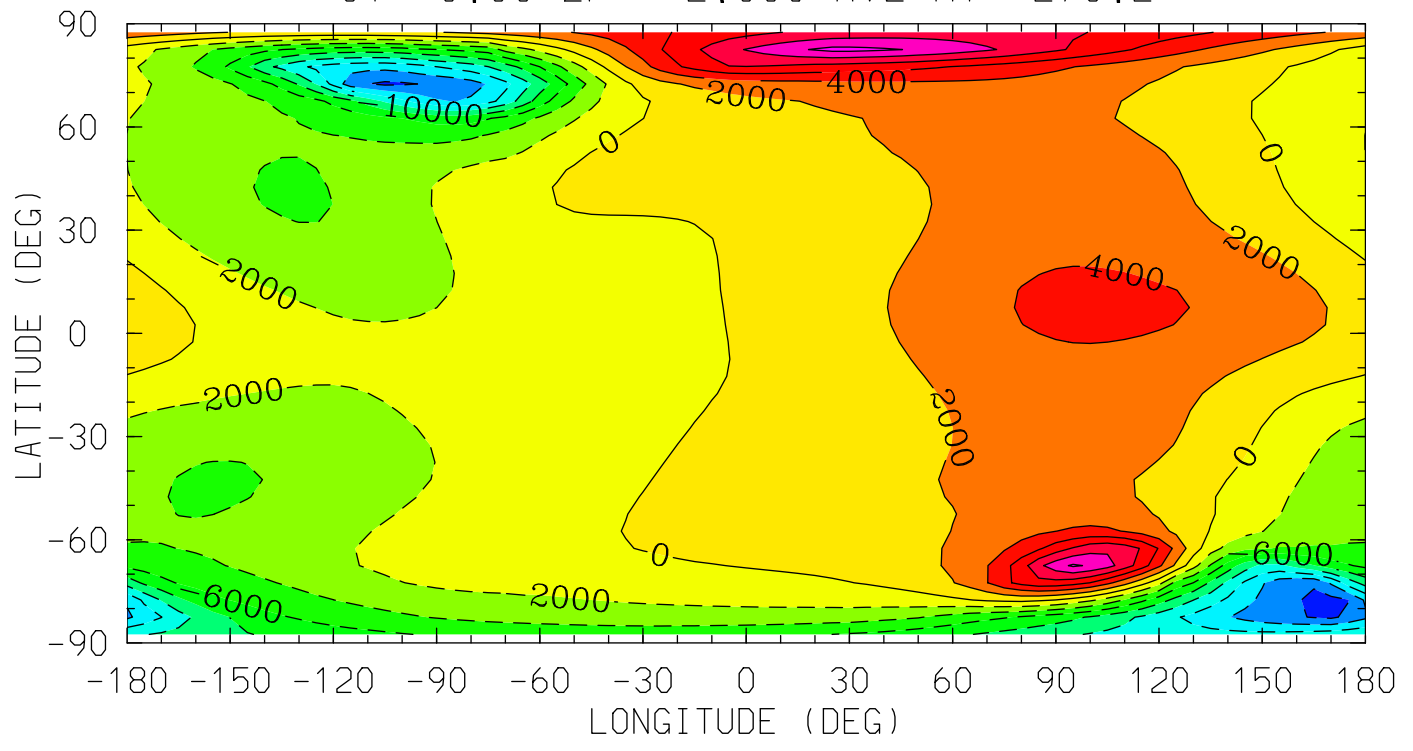
MIN,MAX= -1.6637E+04 1.2651E+04 INTERVAL= 2.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

POTEN (VOLTS)  
ELECTRIC POTENTIAL  
UT= 0.00 ZP= 0.000 AVE HT= 208.6



MIN,MAX= -1.6620E+04 1.2605E+04 INTERVAL= 2.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

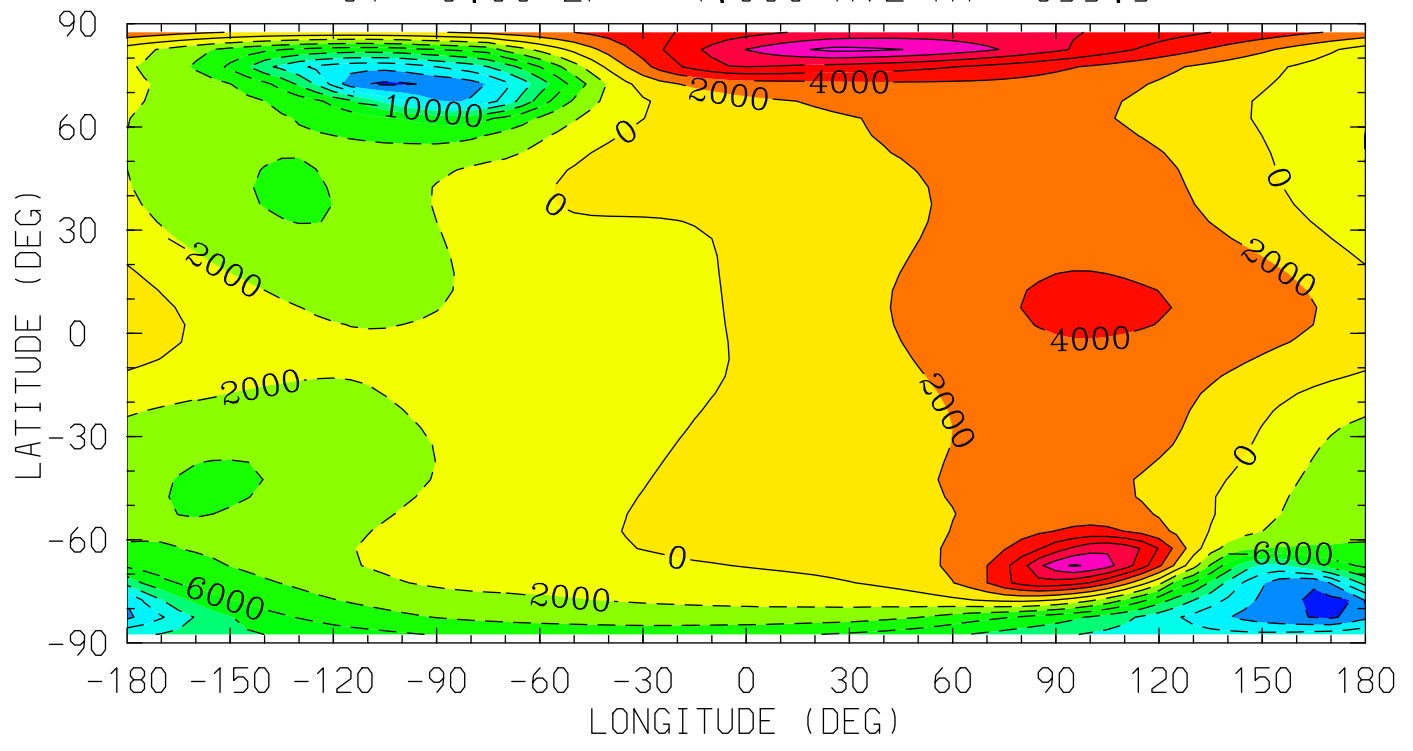
POTEN (VOLTS)  
ELECTRIC POTENTIAL  
UT= 0.00 ZP= 2.000 AVE HT= 276.2



MIN,MAX= -1.6606E+04 1.2565E+04 INTERVAL= 2.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

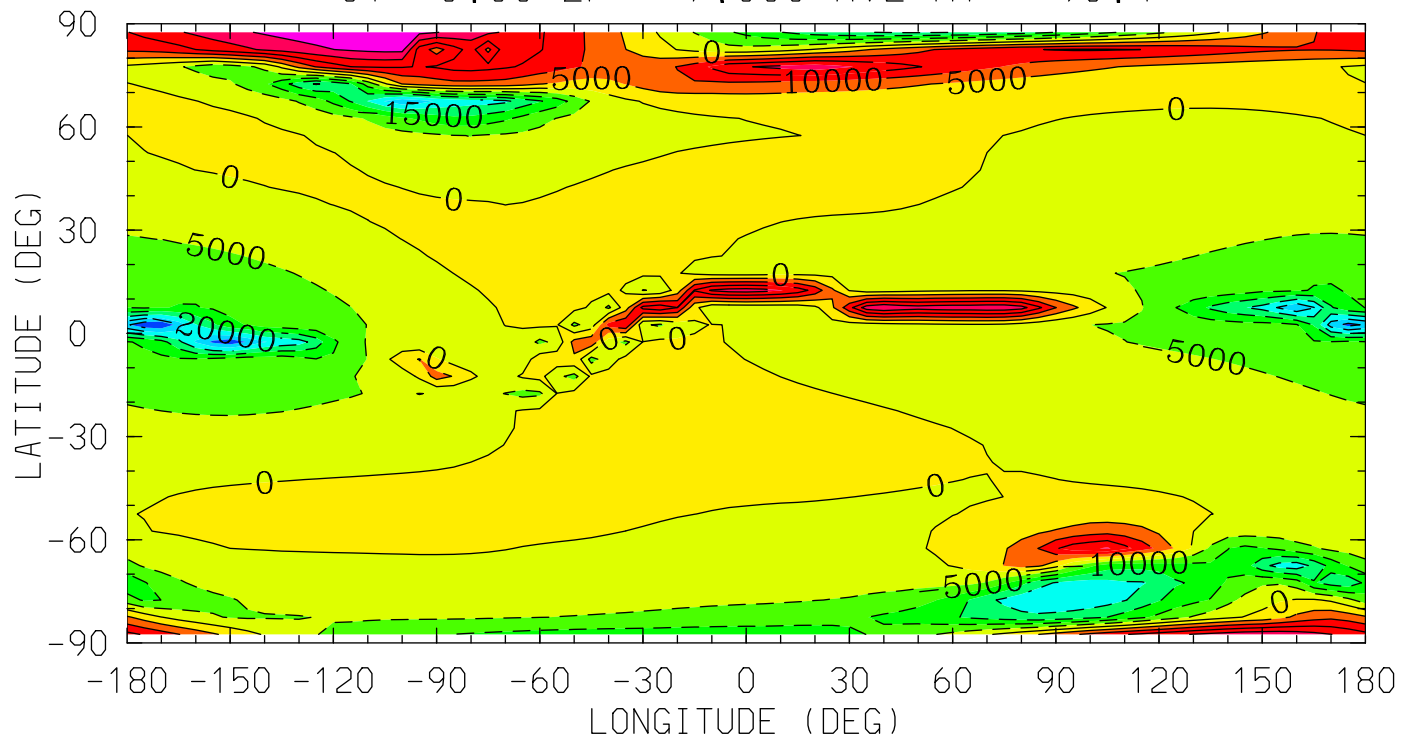


POTEN (VOLTS)  
ELECTRIC POTENTIAL  
UT= 0.00 ZP= 4.000 AVE HT= 355.5



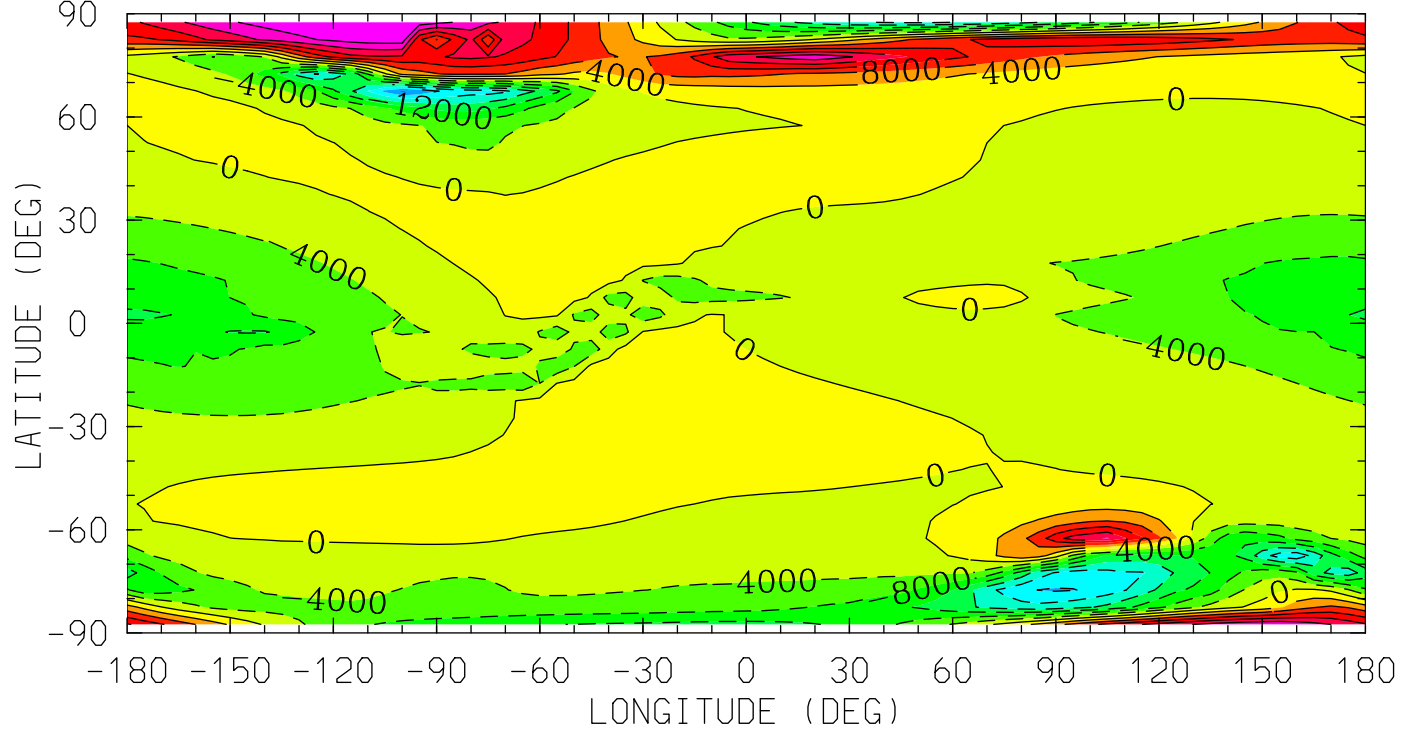
MIN,MAX= -1.6588E+04 1.2515E+04 INTERVAL= 2.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



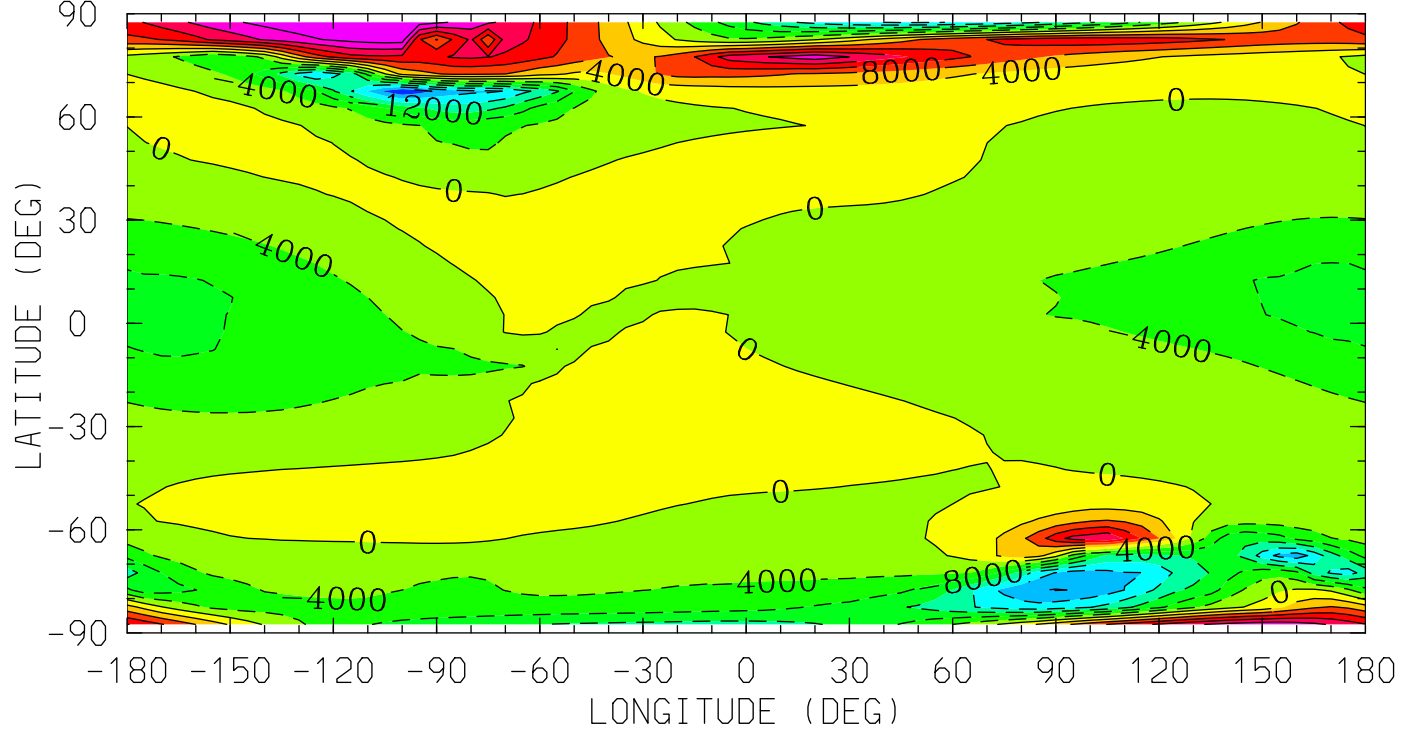
MIN,MAX= -3.4410E+04 2.8058E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

UI\_ExB (cm/s)  
UI: Zonal ExB Velocity  
UT= 0.00 ZP= -4.000 AVE HT= 119.3



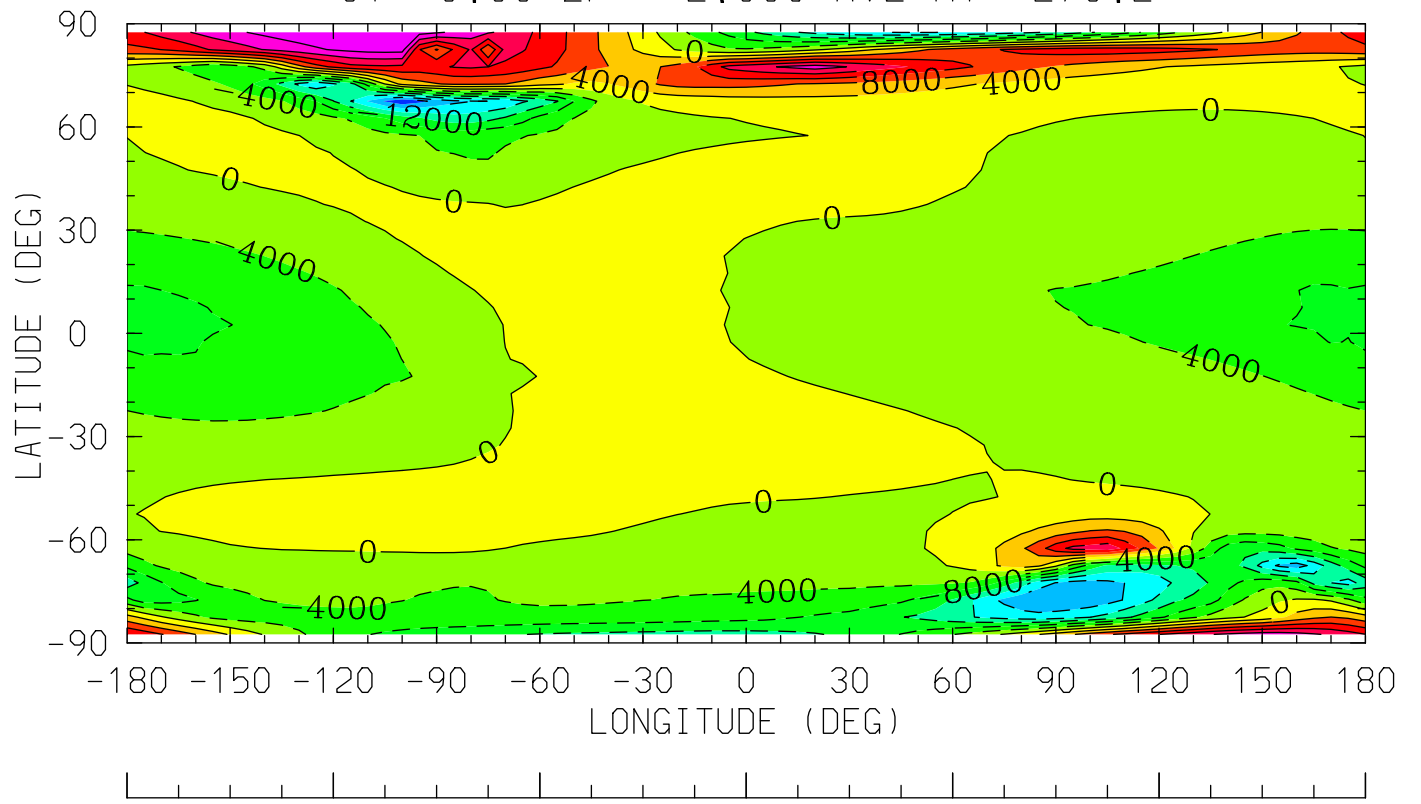
MIN,MAX= -2.8702E+04 2.7967E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

UI\_ExB (cm/s)  
UI: Zonal ExB Velocity  
UT= 0.00 ZP= 0.000 AVE HT= 208.6



MIN,MAX= -2.7847E+04 2.7611E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

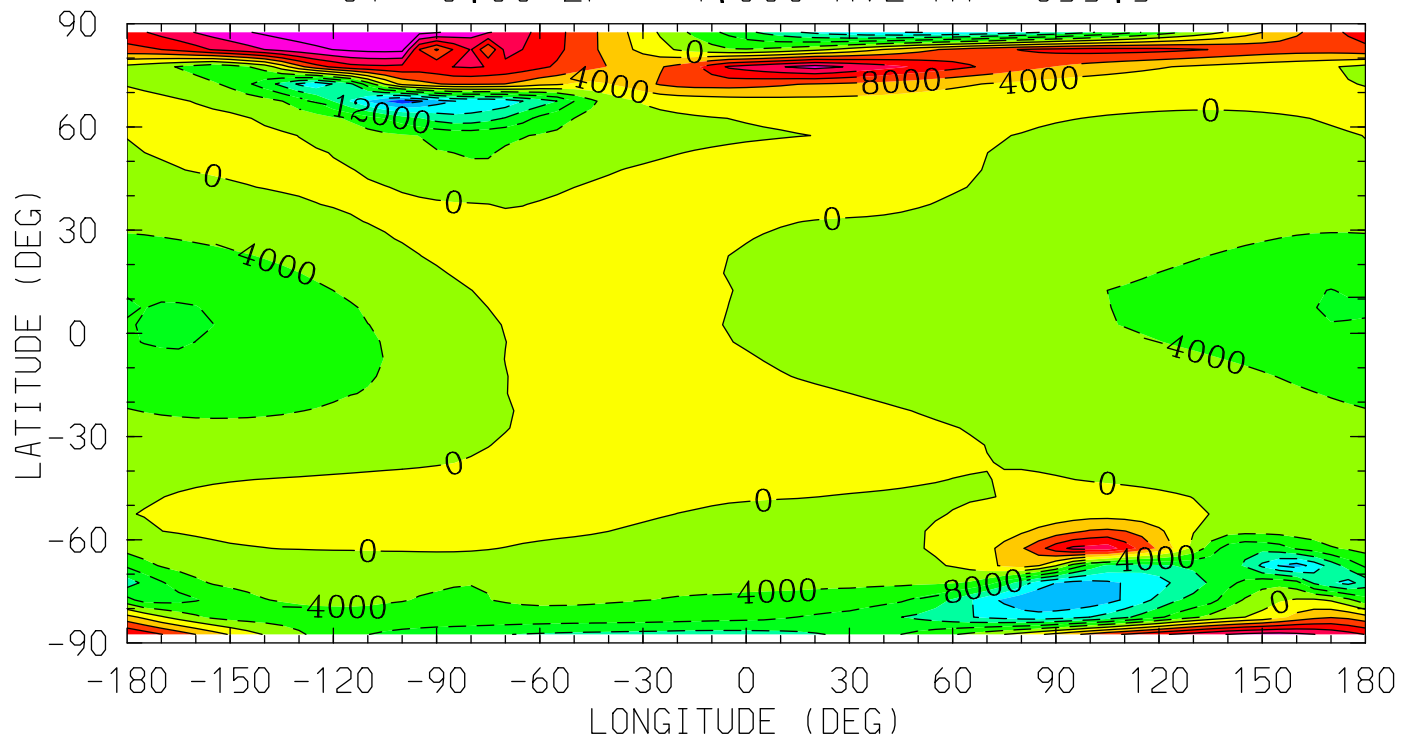
UI\_ExB (cm/s)  
UI: Zonal ExB Velocity  
UT= 0.00 ZP= 2.000 AVE HT= 276.2



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

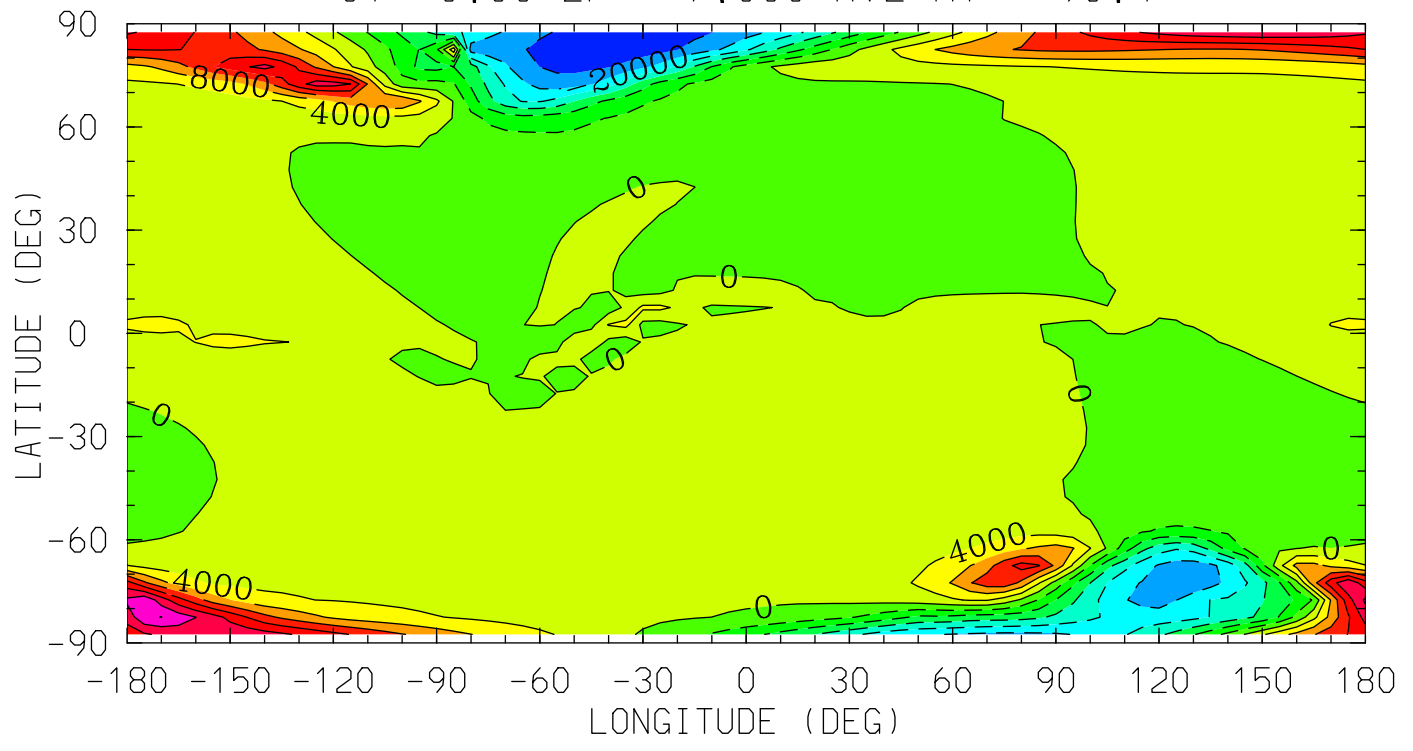
MIN,MAX= -2.7218E+04 2.7349E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

UI\_ExB (cm/s)  
UI: Zonal ExB Velocity  
UT= 0.00 ZP= 4.000 AVE HT= 355.5



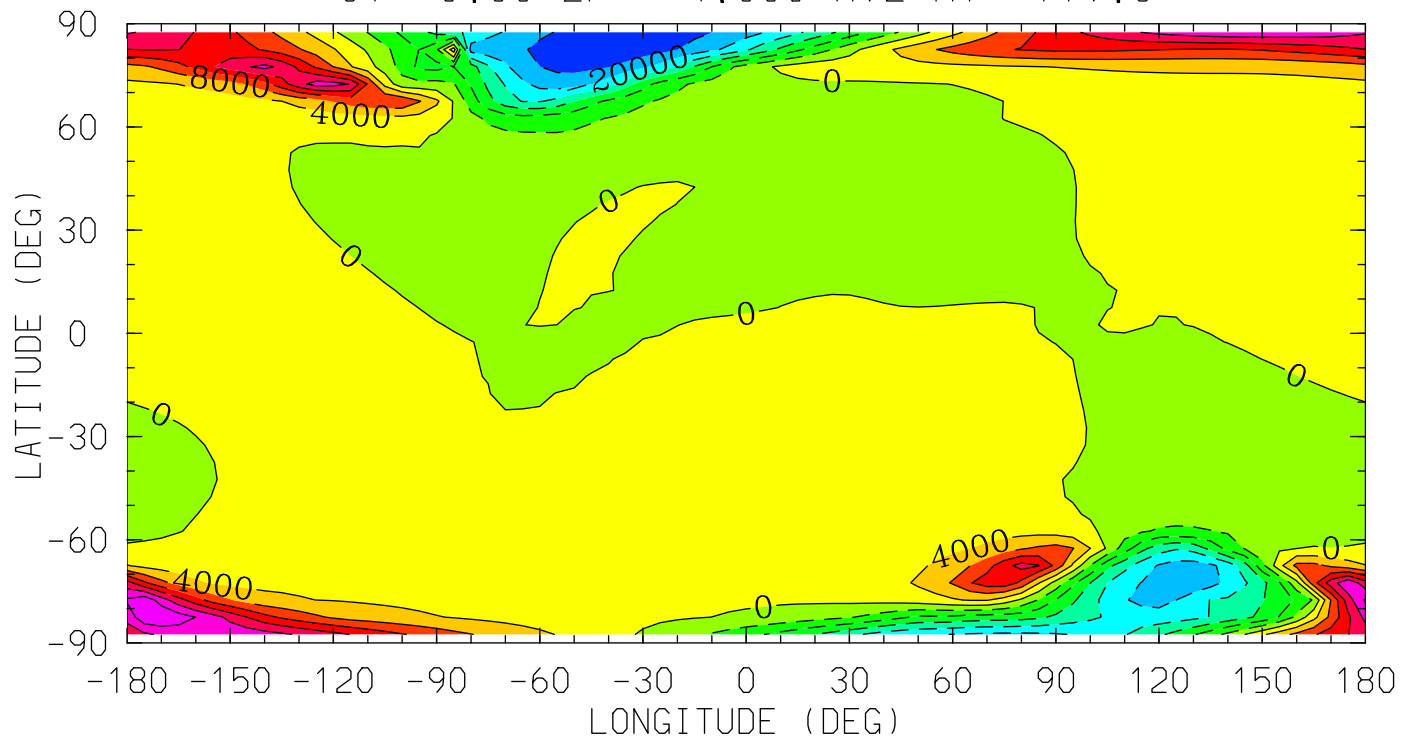
MIN,MAX= -2.6493E+04 2.7043E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= -2.7660E+04 2.8069E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

VI\_ExB (cm/s)  
VI: Meridional ExB Velocity  
UT= 0.00 ZP= -4.000 AVE HT= 119.3

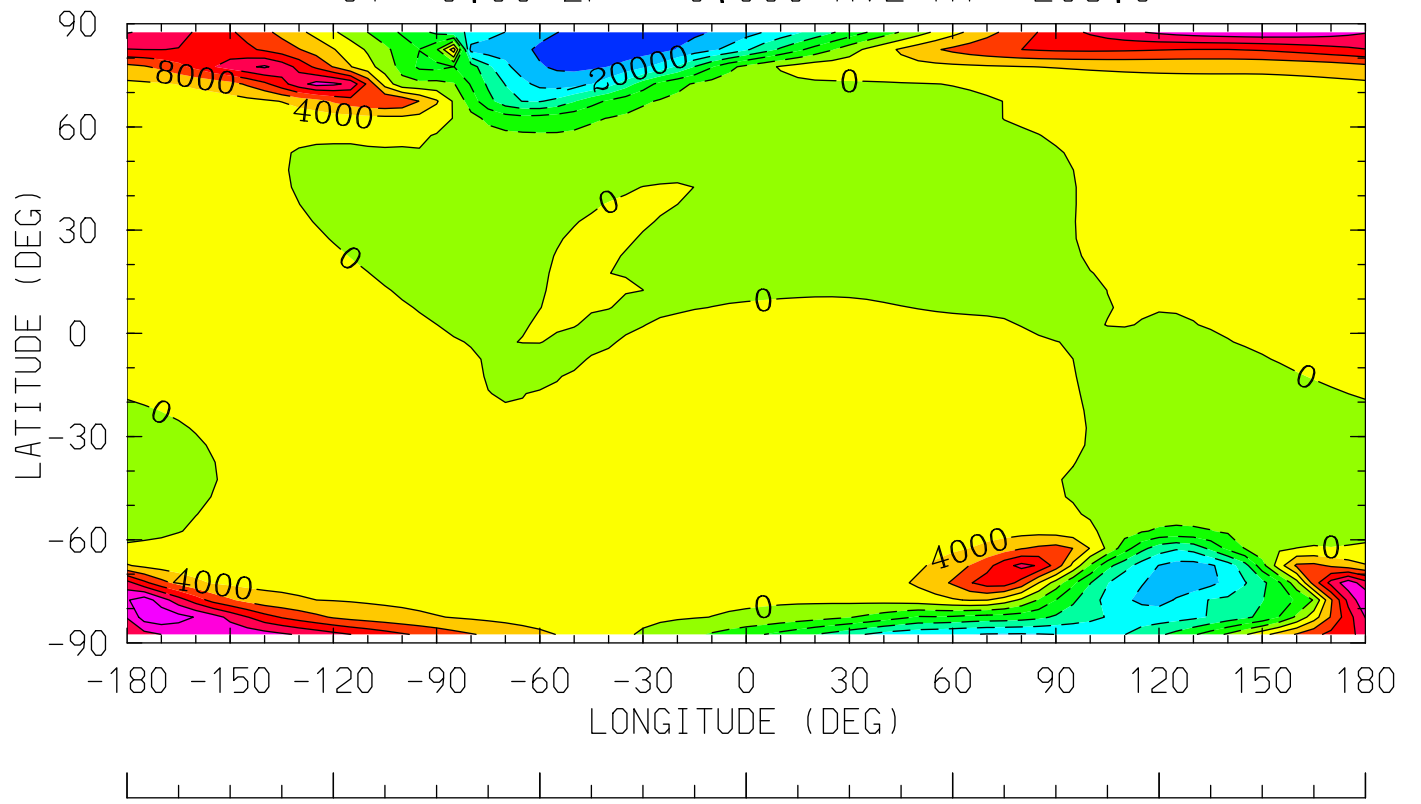


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -2.7570E+04 2.7835E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc



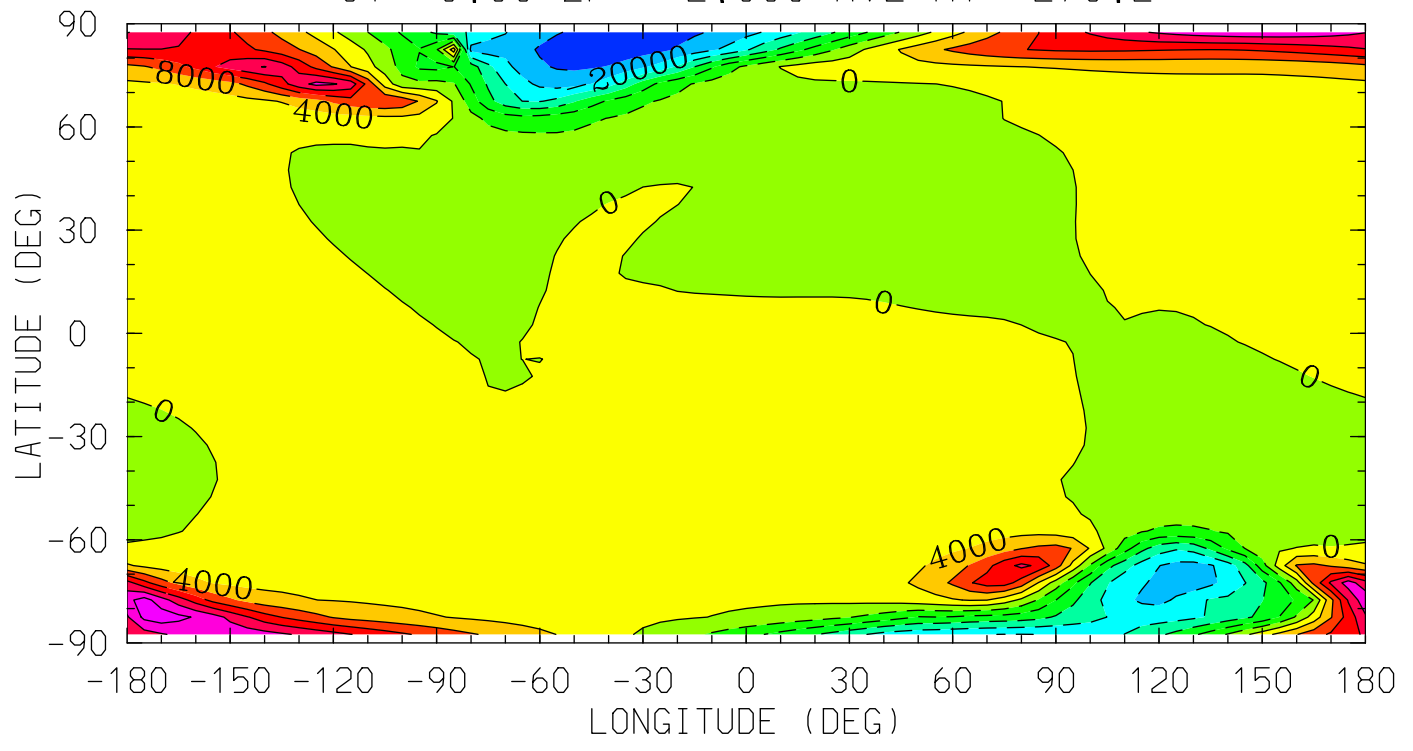
VI\_ExB (cm/s)  
VI: Meridional ExB Velocity  
UT= 0.00 ZP= 0.000 AVE HT= 208.6



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

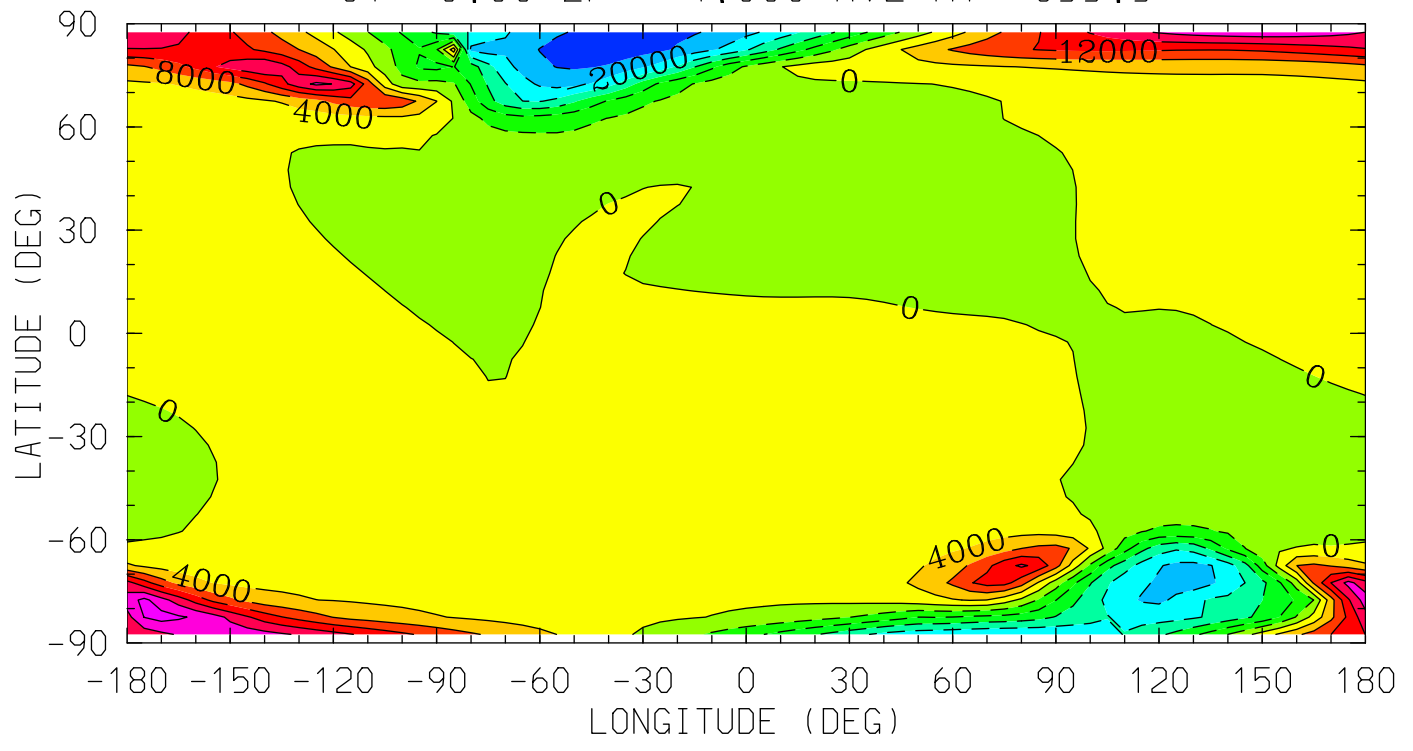
MIN,MAX= -2.7229E+04 2.6959E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

VI\_ExB (cm/s)  
VI: Meridional ExB Velocity  
UT= 0.00 ZP= 2.000 AVE HT= 276.2



MIN,MAX= -2.6980E+04 2.6304E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

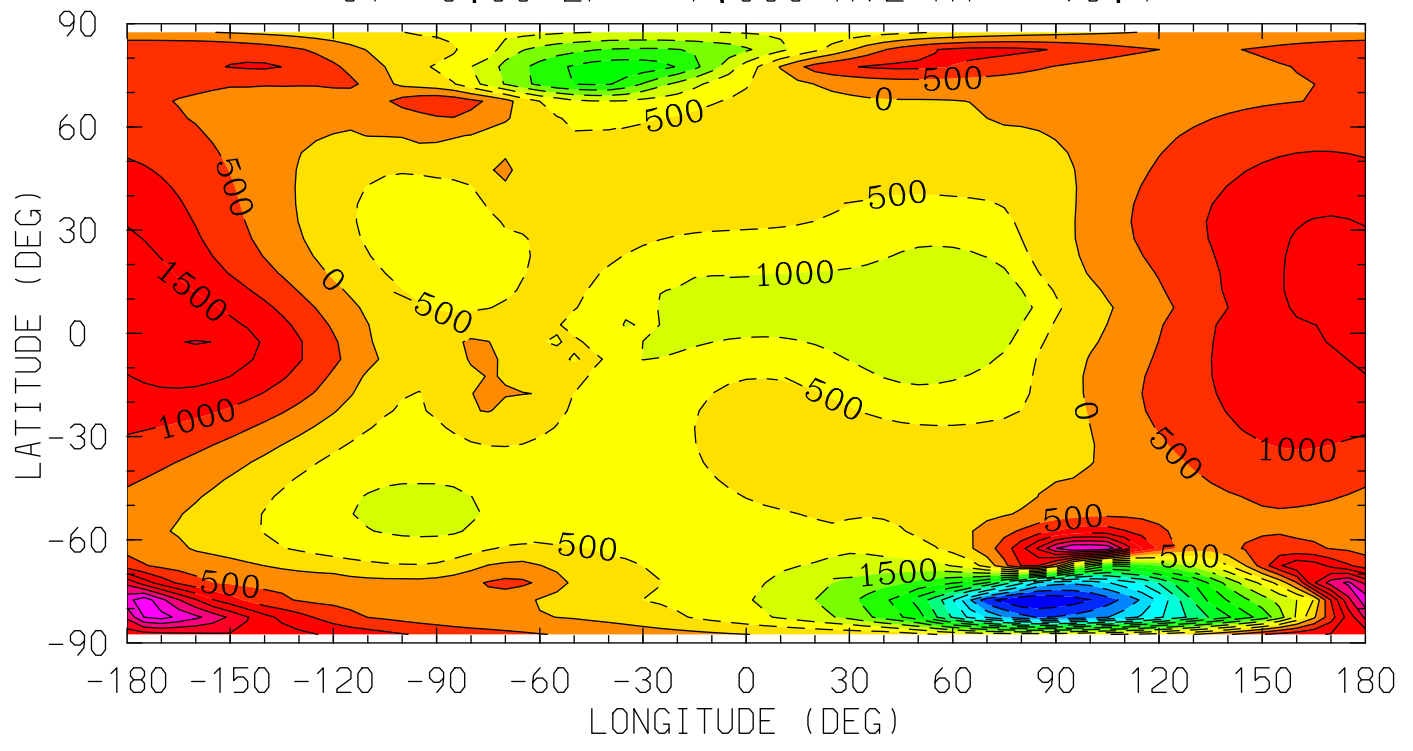
VI\_ExB (cm/s)  
VI: Meridional ExB Velocity  
UT= 0.00 ZP= 4.000 AVE HT= 355.5



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

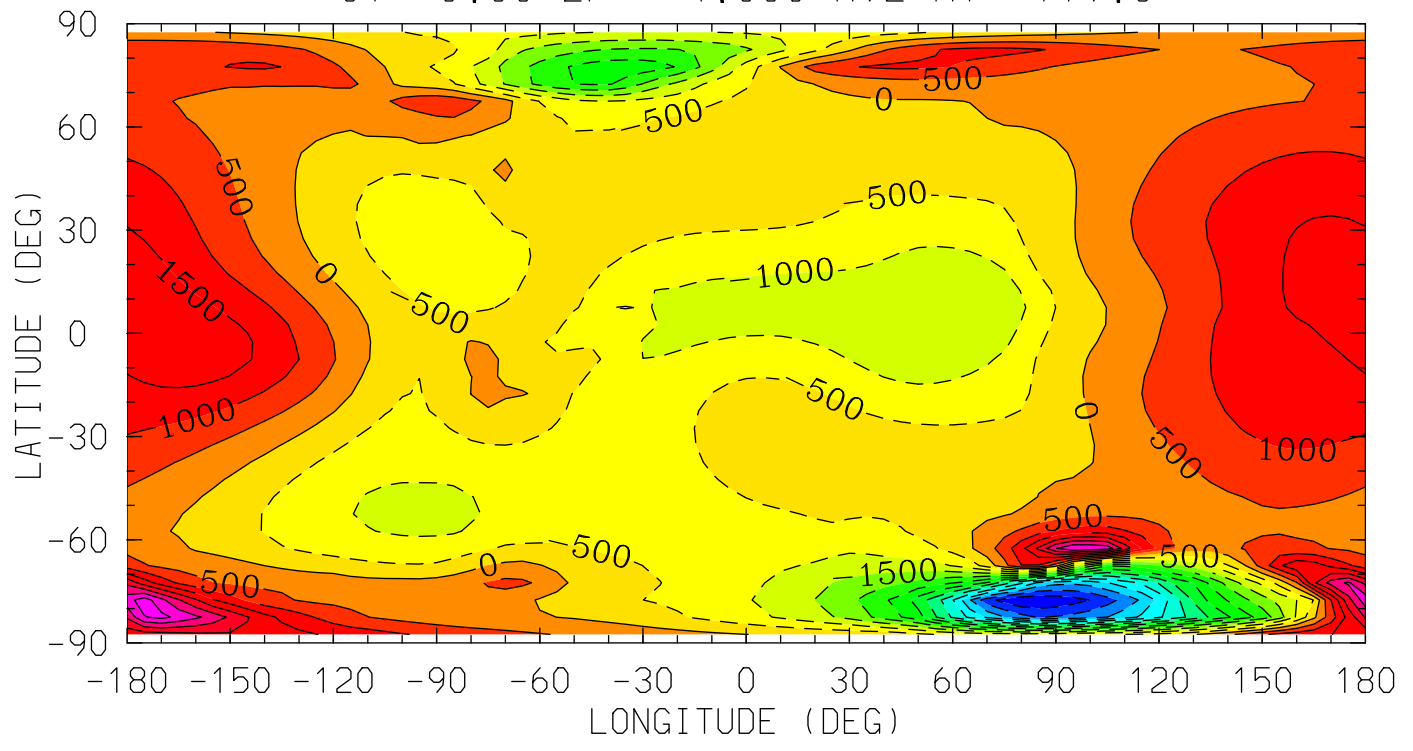
MIN,MAX= -2.6687E+04 2.5549E+04 INTERVAL= 4.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= -6.9746E+03 3.8051E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

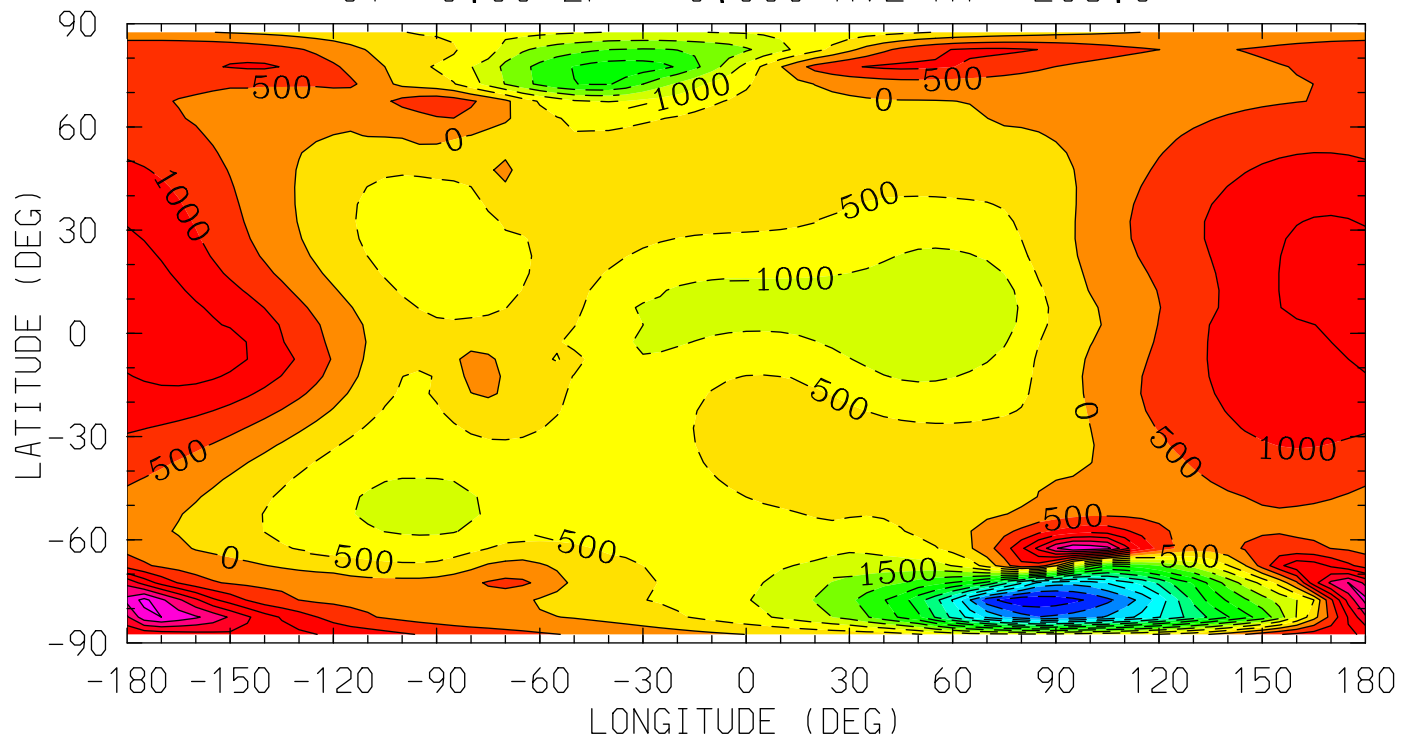
WI\_ExB (cm/s)  
WI: Vertical ExB Velocity  
UT= 0.00 ZP= -4.000 AVE HT= 119.3



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

MIN,MAX= -6.9580E+03 3.7745E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

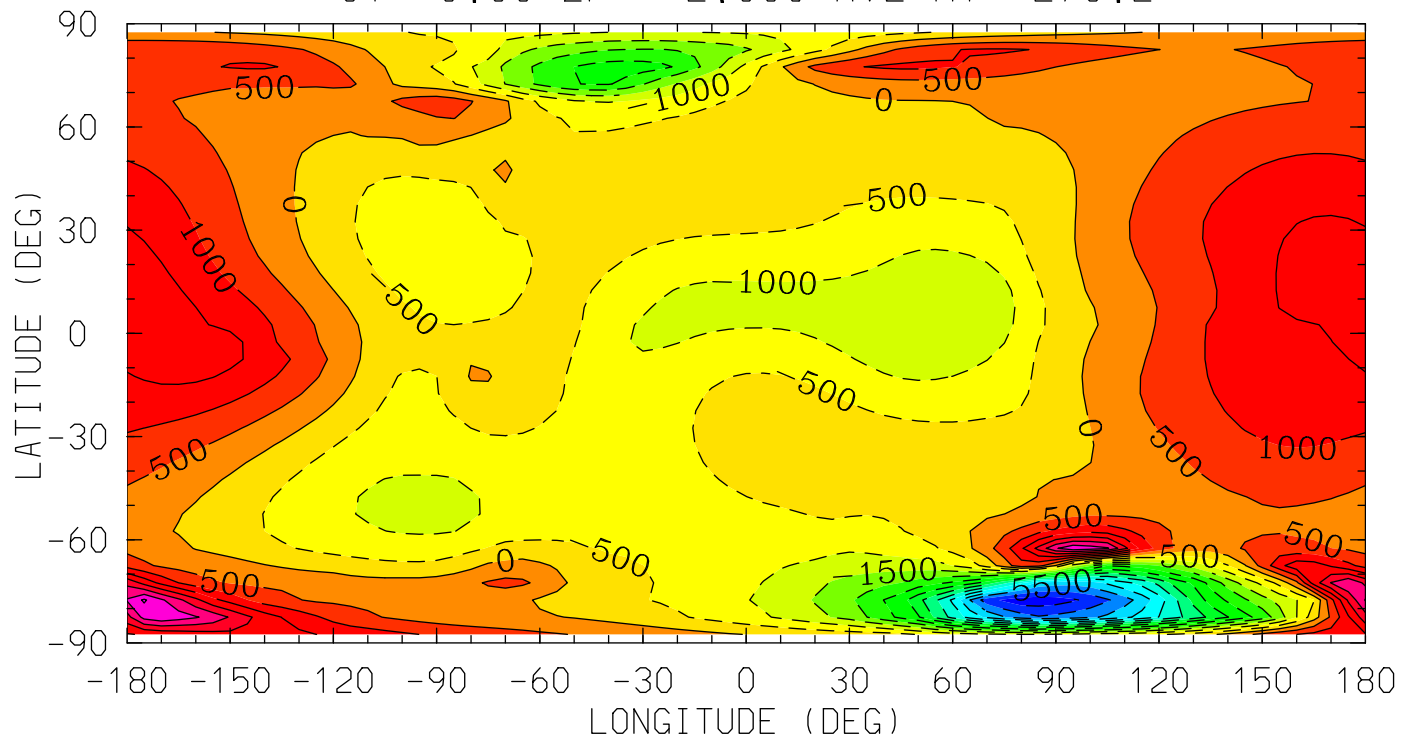
WI\_ExB (cm/s)  
WI: Vertical ExB Velocity  
UT= 0.00 ZP= 0.000 AVE HT= 208.6



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

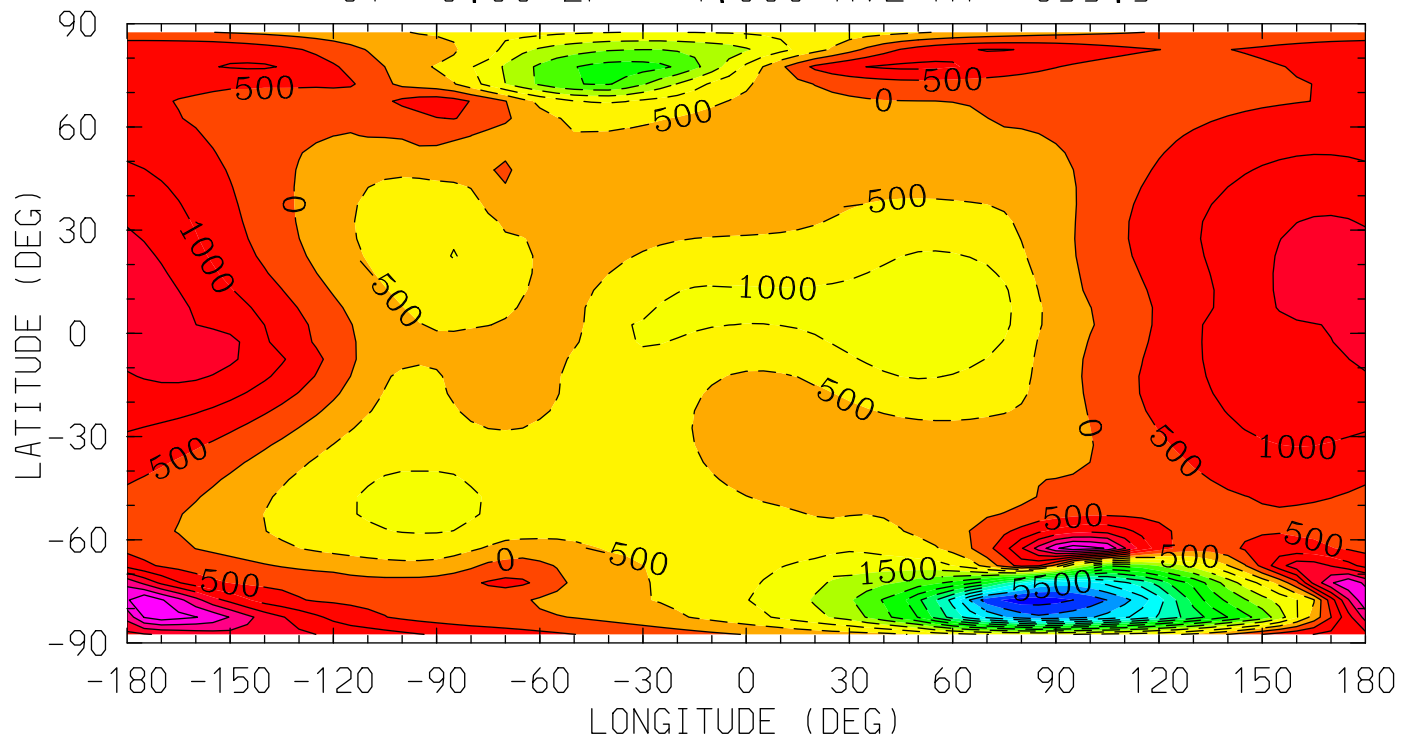
MIN,MAX= -6.8948E+03 3.6580E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

WI\_ExB (cm/s)  
WI: Vertical ExB Velocity  
UT= 0.00 ZP= 2.000 AVE HT= 276.2



MIN,MAX= -6.8480E+03 3.5706E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

WI\_ExB (cm/s)  
WI: Vertical ExB Velocity  
UT= 0.00 ZP= 4.000 AVE HT= 355.5

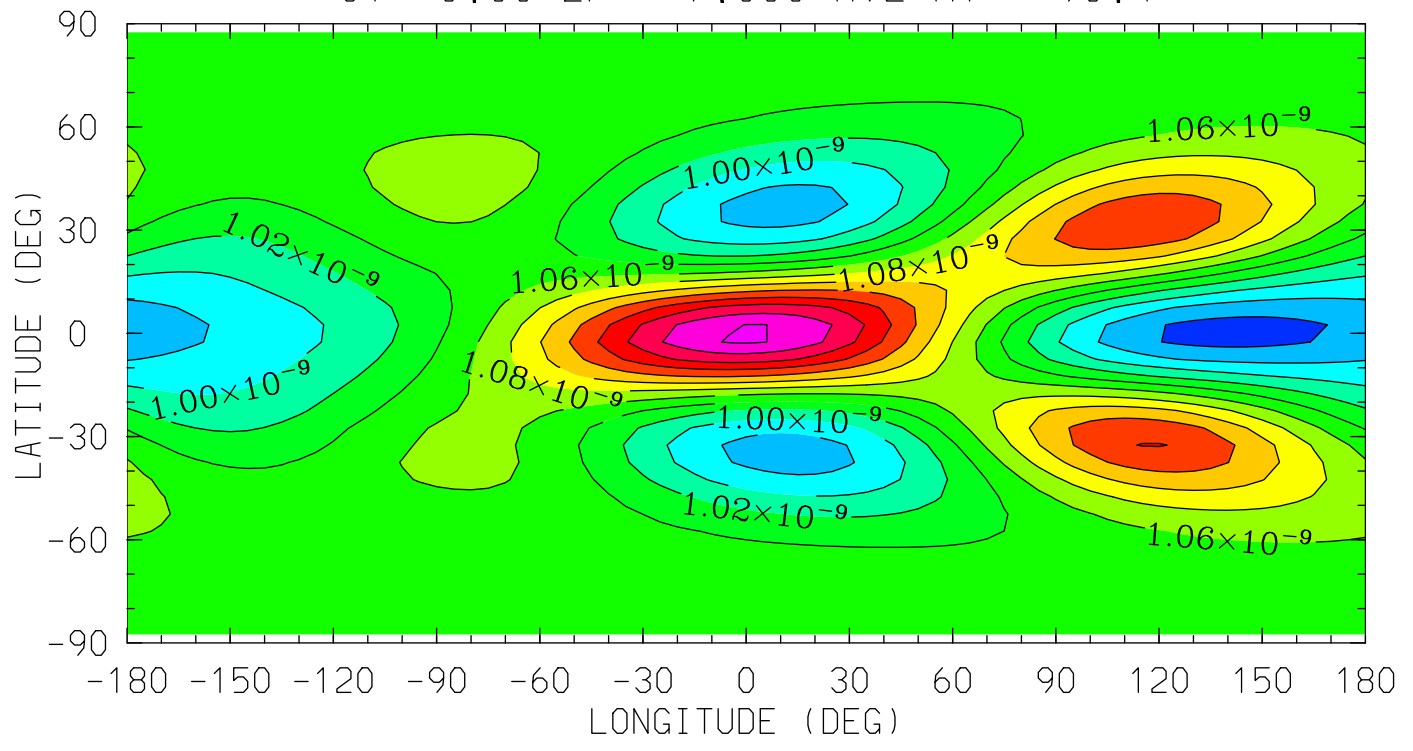


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -6.7930E+03 3.4700E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc



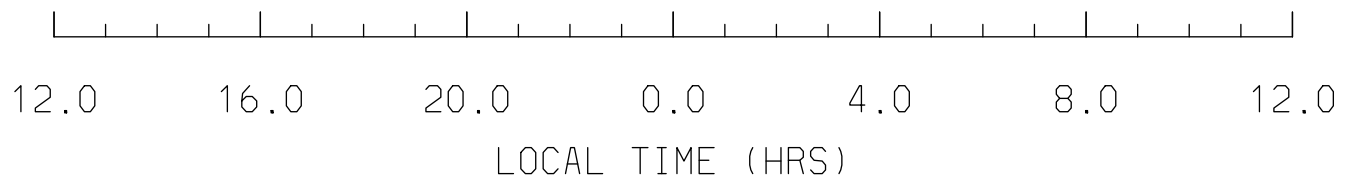
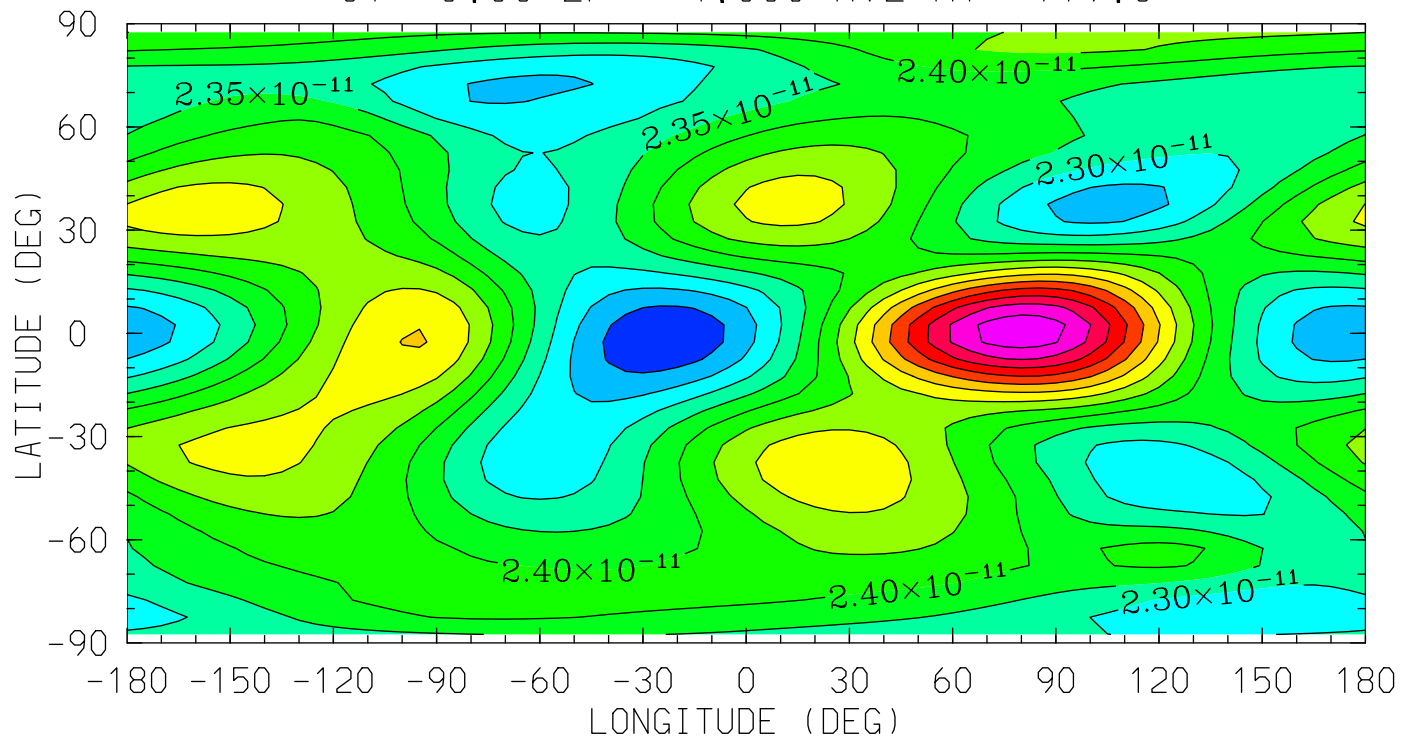
DEN (g/cm3)  
Total Density  
UT= 0.00 ZP= -7.000 AVE HT= 96.4



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

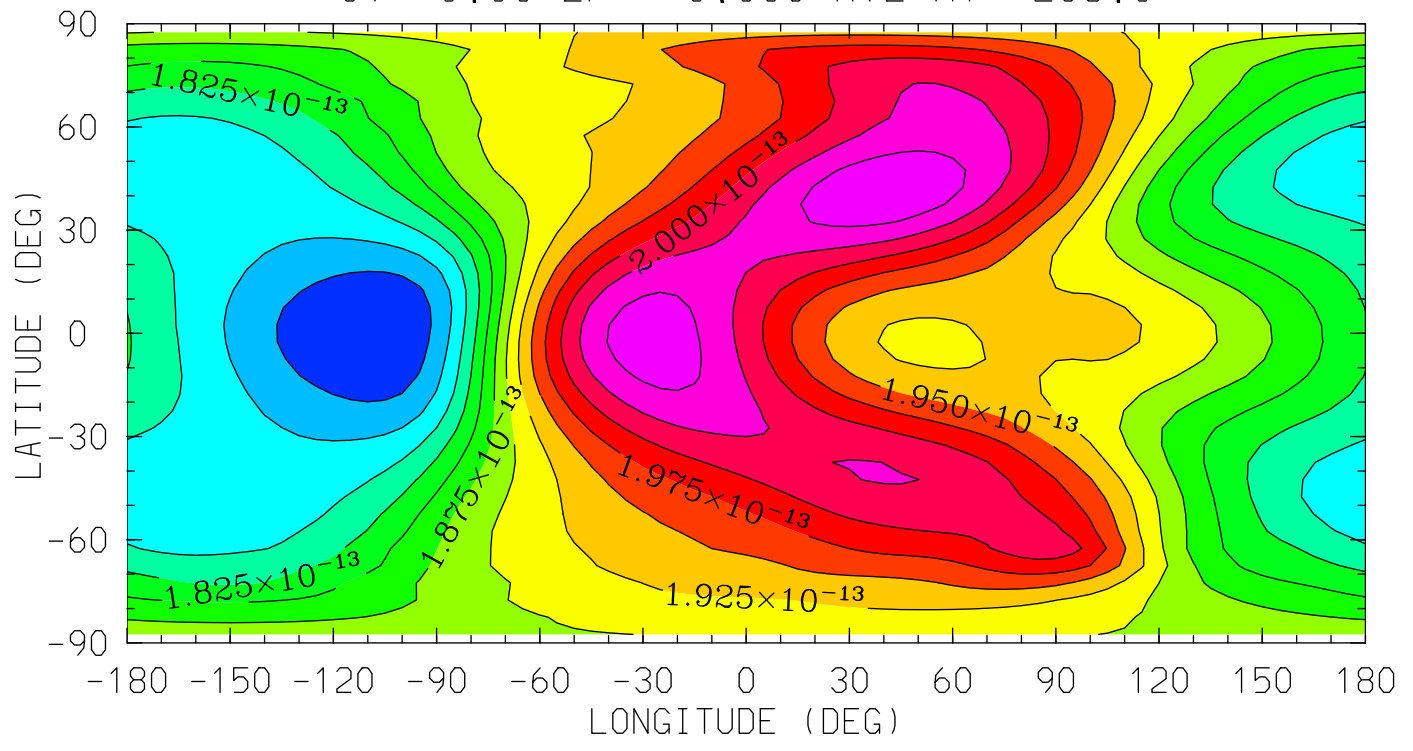
MIN,MAX= 9.5224E-10 1.2020E-09 INTERVAL= 2.0000E-11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

DEN (g/cm<sup>3</sup>)  
Total Density  
UT= 0.00 ZP= -4.000 AVE HT= 119.3



MIN,MAX= 2.1577E-11 2.8349E-11 INTERVAL= 5.0000E-13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

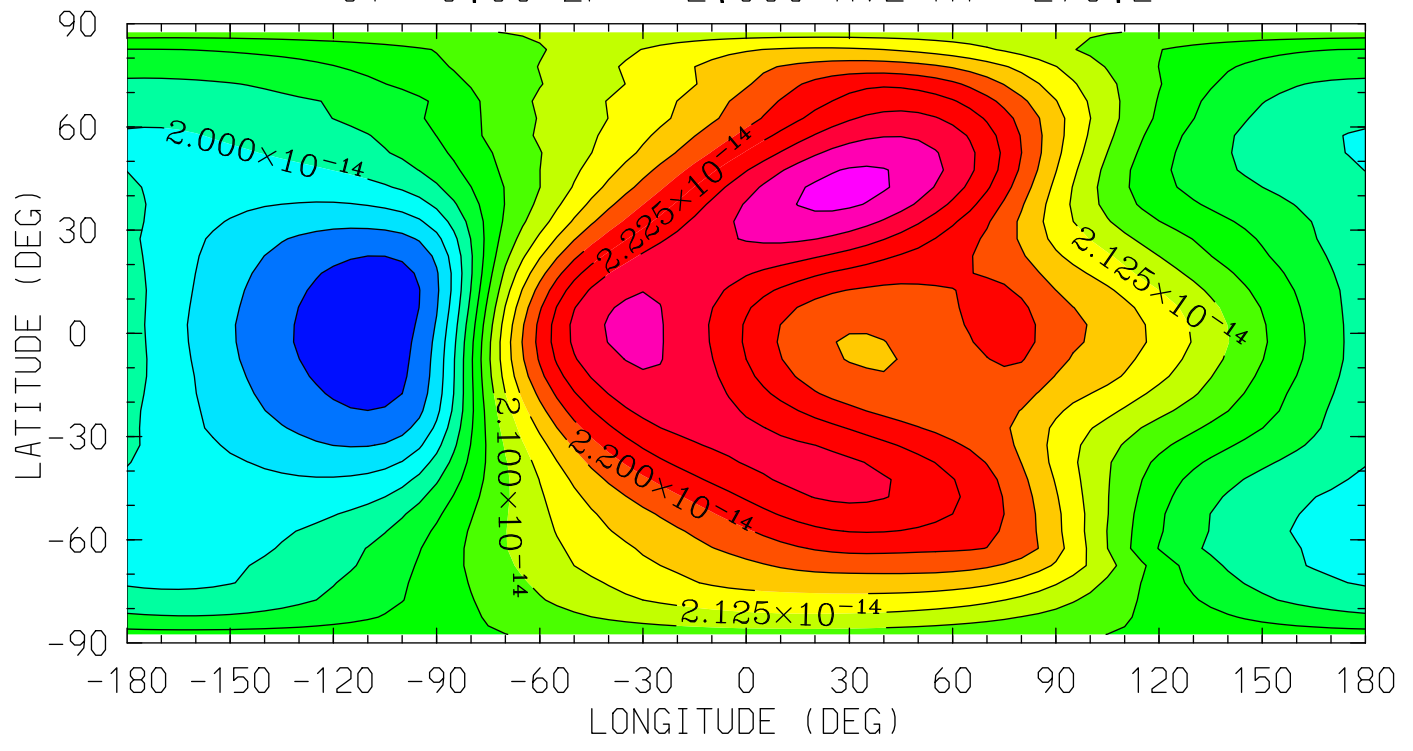
DEN (g/cm<sup>3</sup>)  
Total Density  
UT= 0.00 ZP= 0.000 AVE HT= 208.6



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

MIN,MAX= 1.7256E-13 2.0705E-13 INTERVAL= 2.5000E-15  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

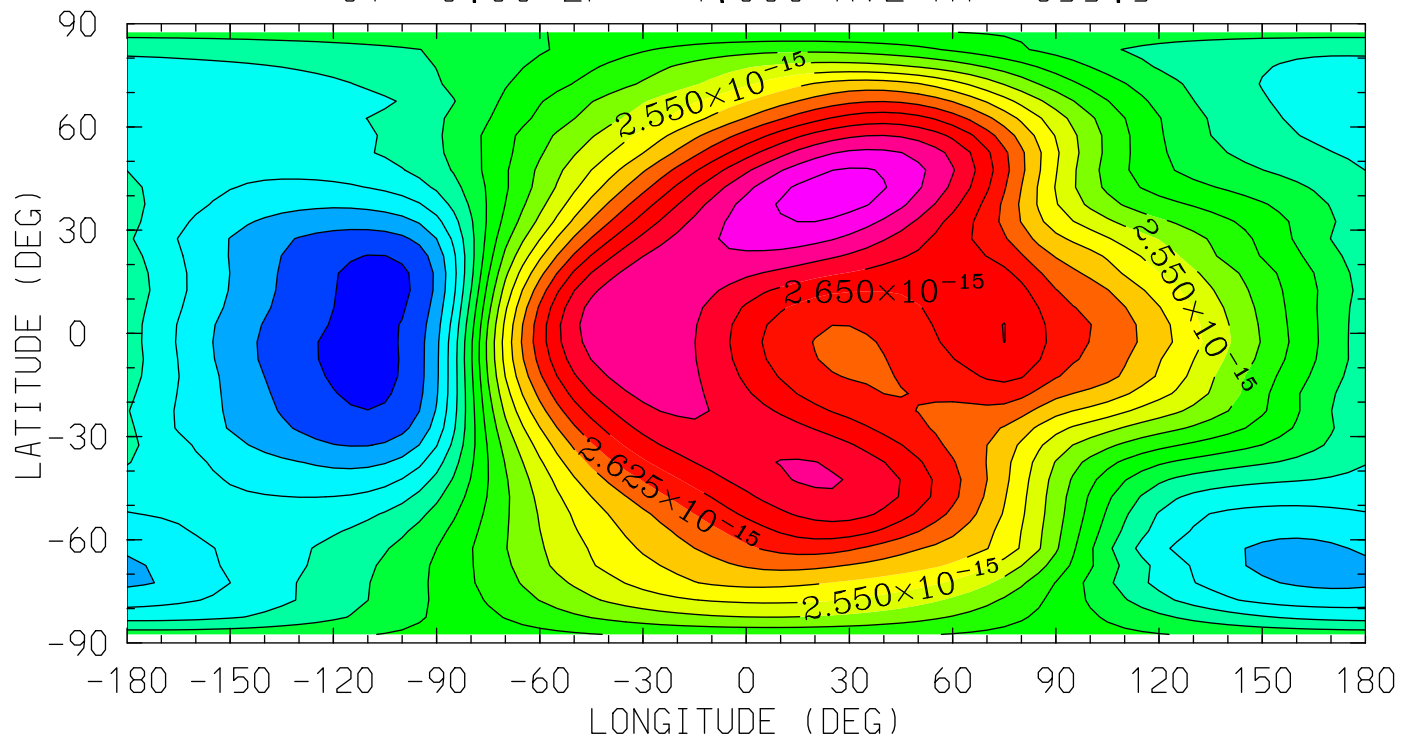
DEN (g/cm<sup>3</sup>)  
Total Density  
UT= 0.00 ZP= 2.000 AVE HT= 276.2



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

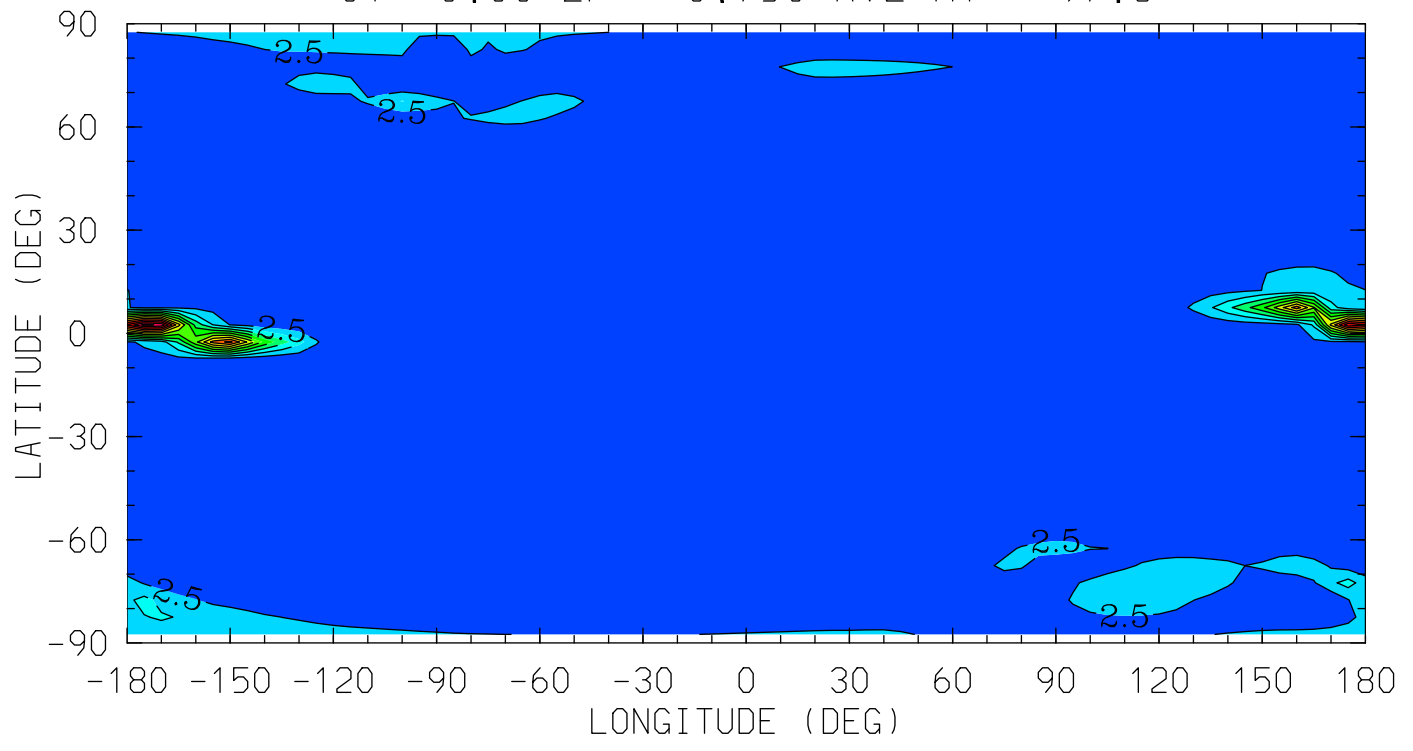
MIN,MAX= 1.9087E-14 2.3081E-14 INTERVAL= 2.5000E-16  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

DEN (g/cm<sup>3</sup>)  
Total Density  
UT= 0.00 ZP= 4.000 AVE HT= 355.5



MIN,MAX= 2.2913E-15 2.7620E-15 INTERVAL= 2.5000E-17  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

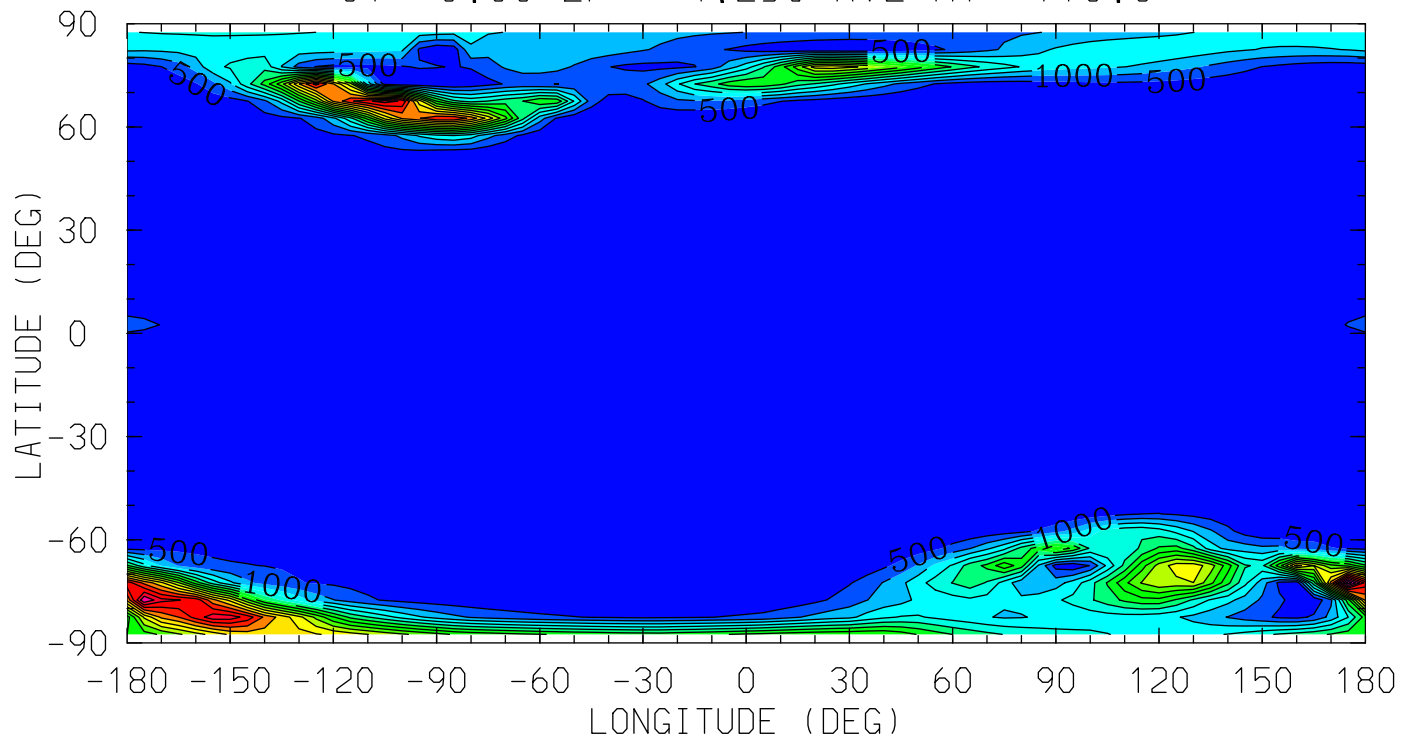
QJOULE (erg/g/s)  
QJOULE: Joule Heating  
UT= 0.00 ZP= -6.750 AVE HT= 97.8



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

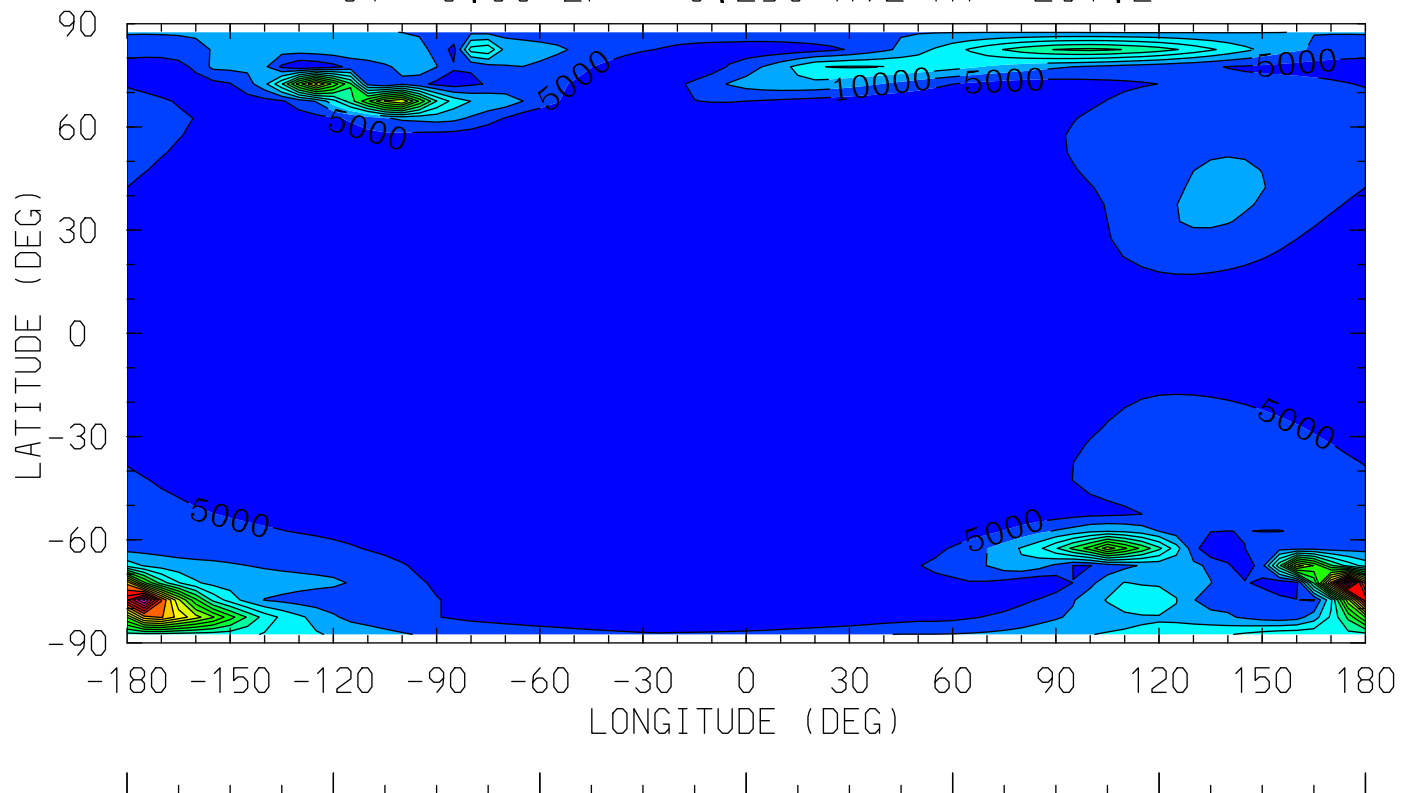
MIN,MAX= 2.9879E-05 3.0660E+01 INTERVAL= 2.5000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 2.0101E-02 9.3985E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

QJOULE (erg/g/s)  
QJOULE: Joule Heating  
UT= 0.00 ZP= -0.250 AVE HT= 201.2

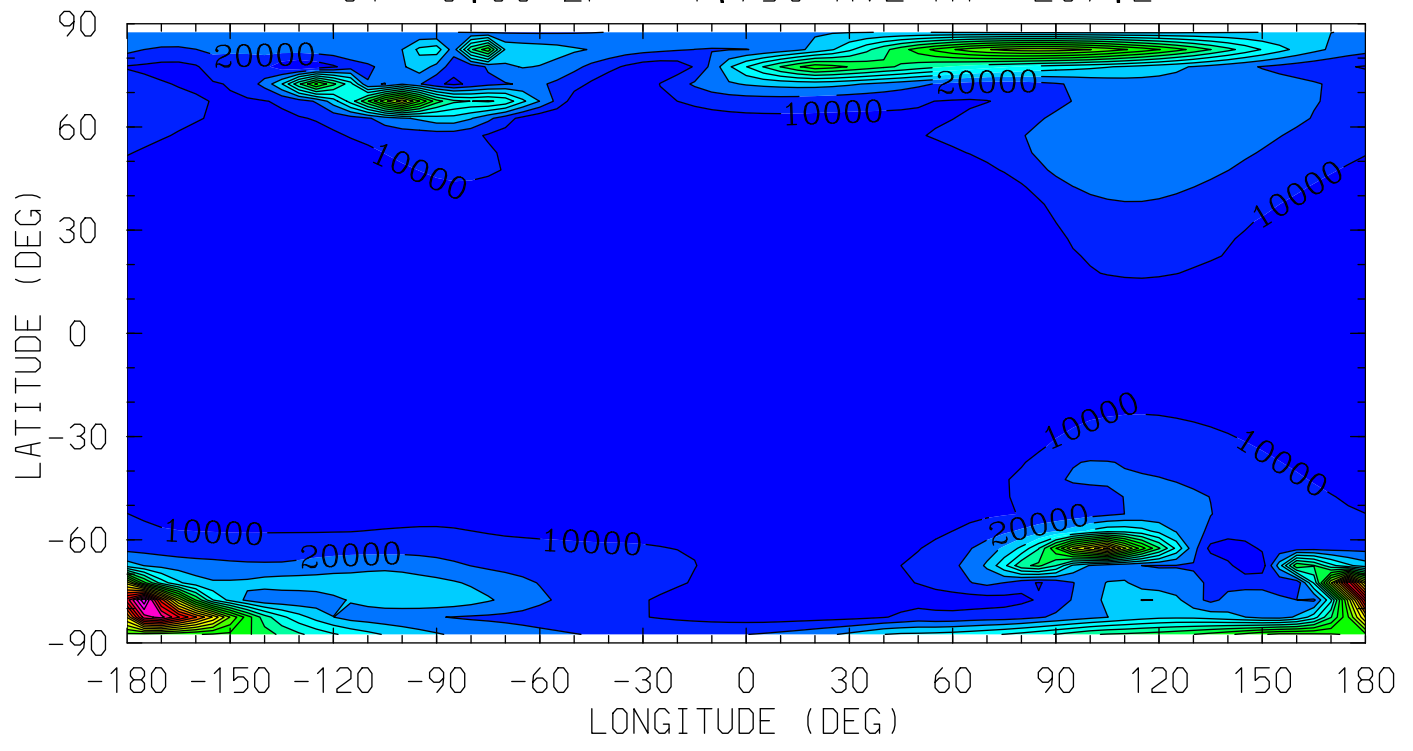


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 5.0249E-01 9.7559E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc



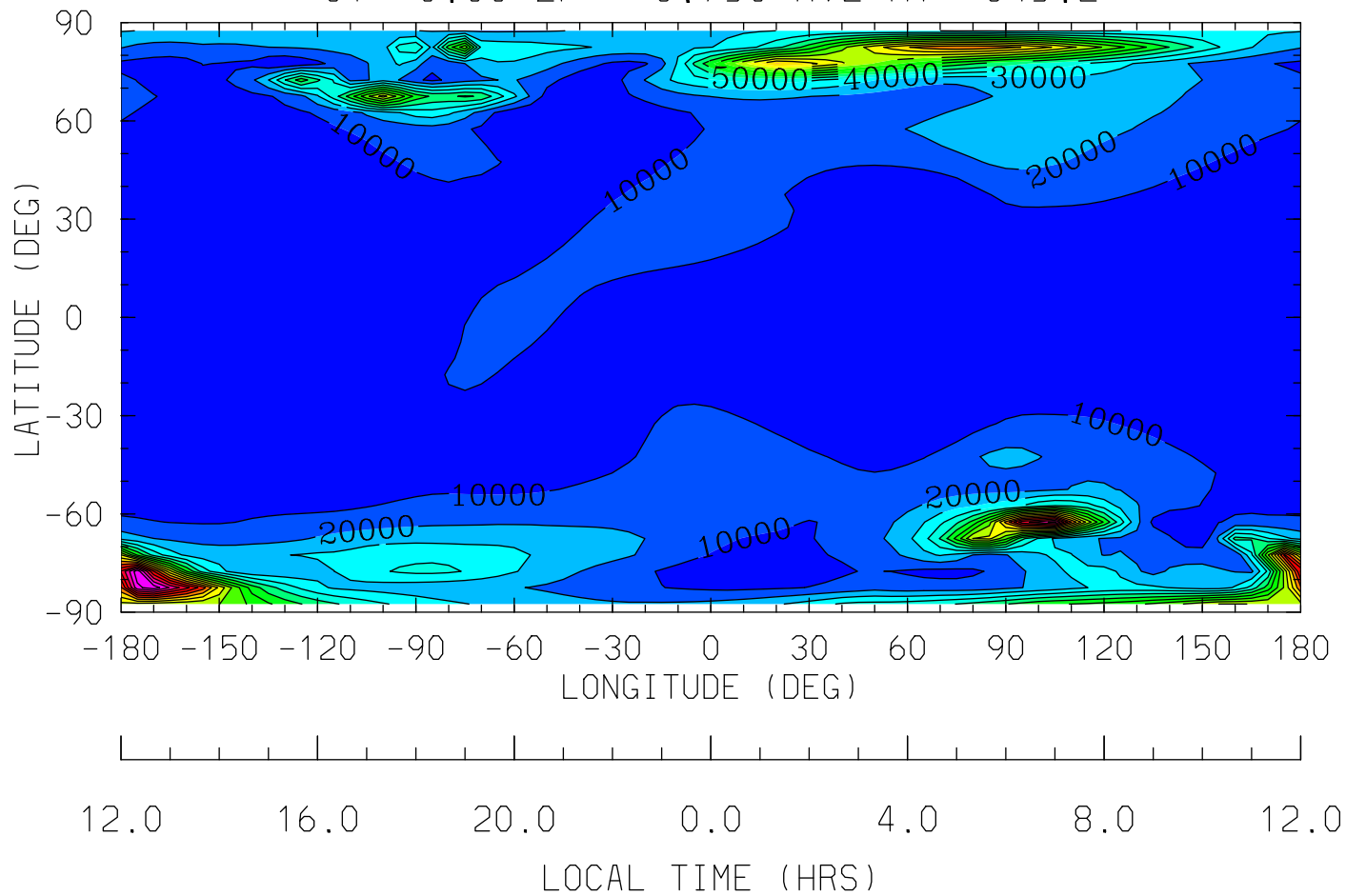
QJOULE (erg/g/s)  
QJOULE: Joule Heating  
UT= 0.00 ZP= 1.750 AVE HT= 267.2



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

MIN,MAX= 7.4164E+01 2.2784E+05 INTERVAL= 1.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

QJOULE (erg/g/s)  
QJOULE: Joule Heating  
UT= 0.00 ZP= 3.750 AVE HT= 345.2

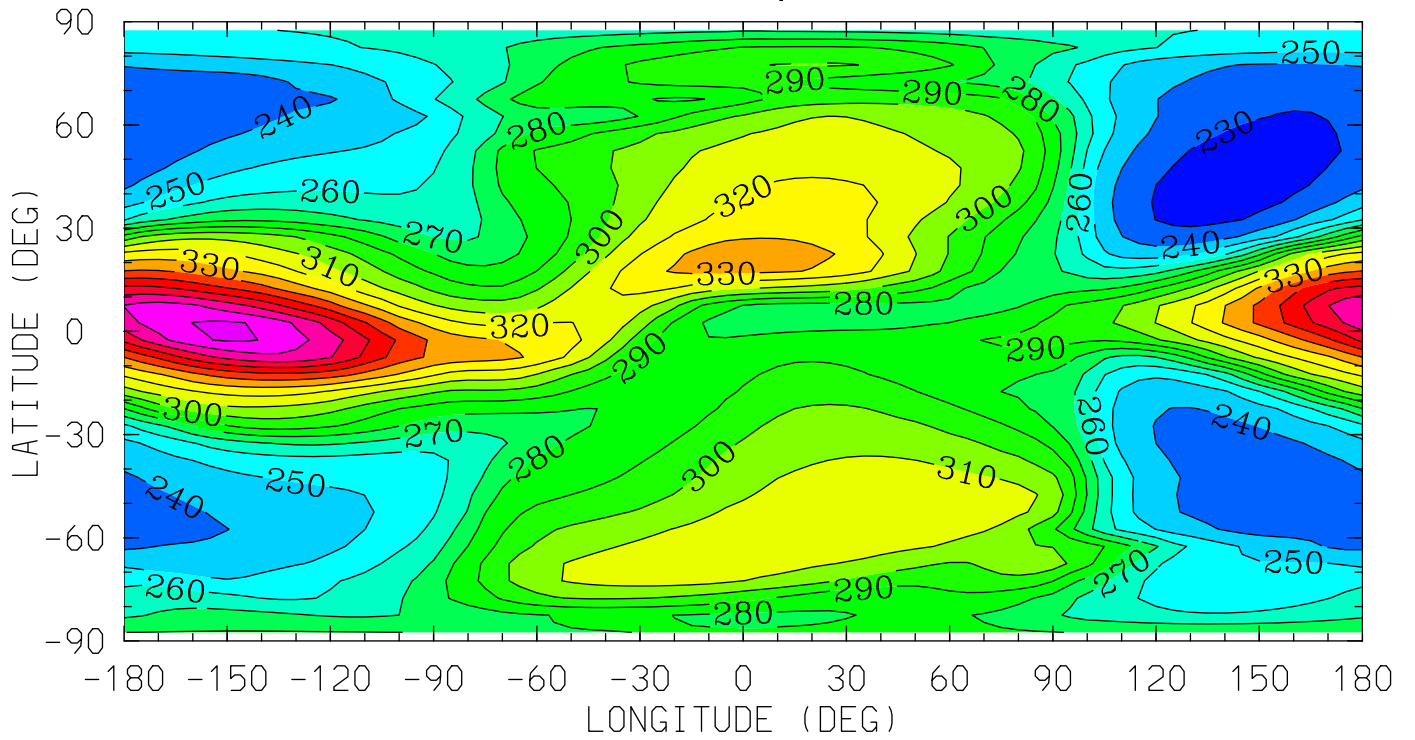


MIN,MAX= 5.4853E+01 1.8717E+05 INTERVAL= 1.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

HMF2 (KM)

HMF2

UT= 0.00



12.0 16.0 20.0 0.0 4.0 8.0 12.0

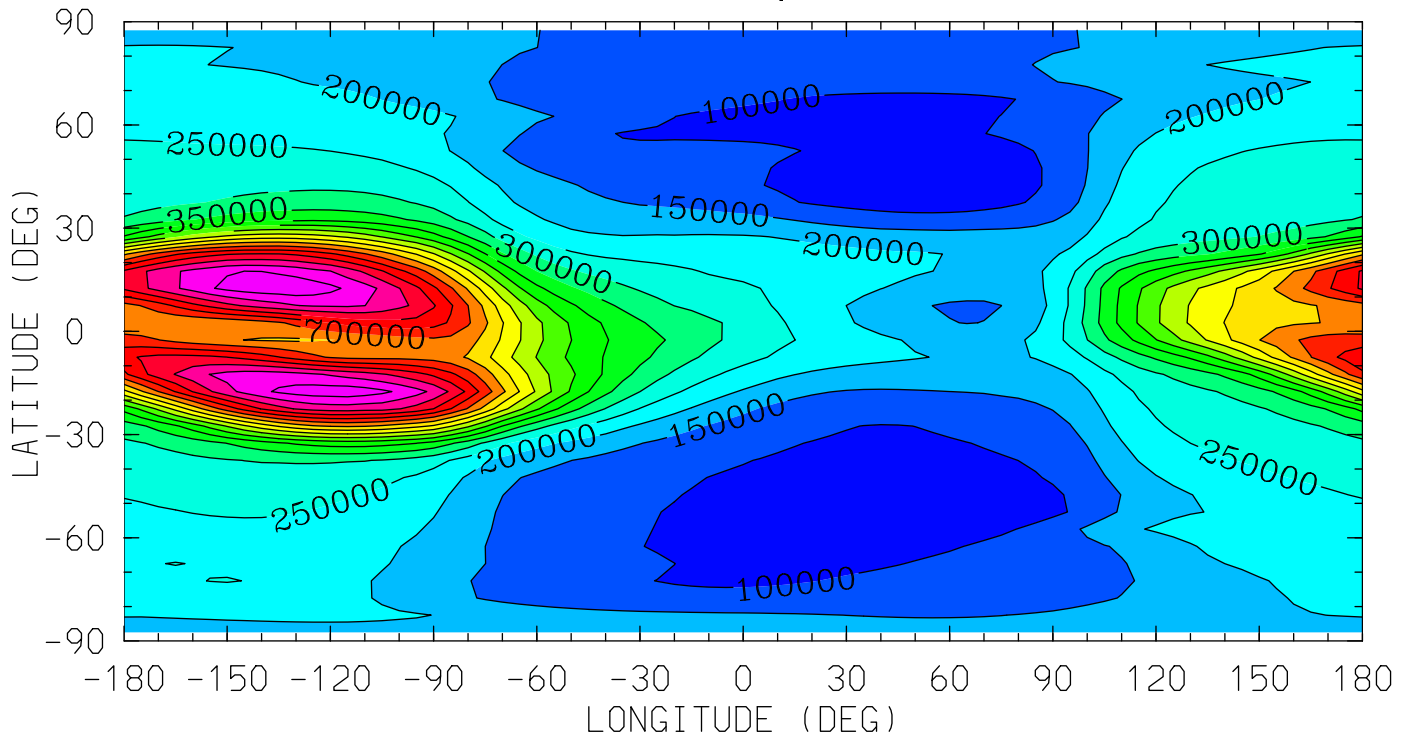
LOCAL TIME (HRS)

MIN,MAX= 2.2550E+02 3.9136E+02 INTERVAL= 1.0000E+01

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

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

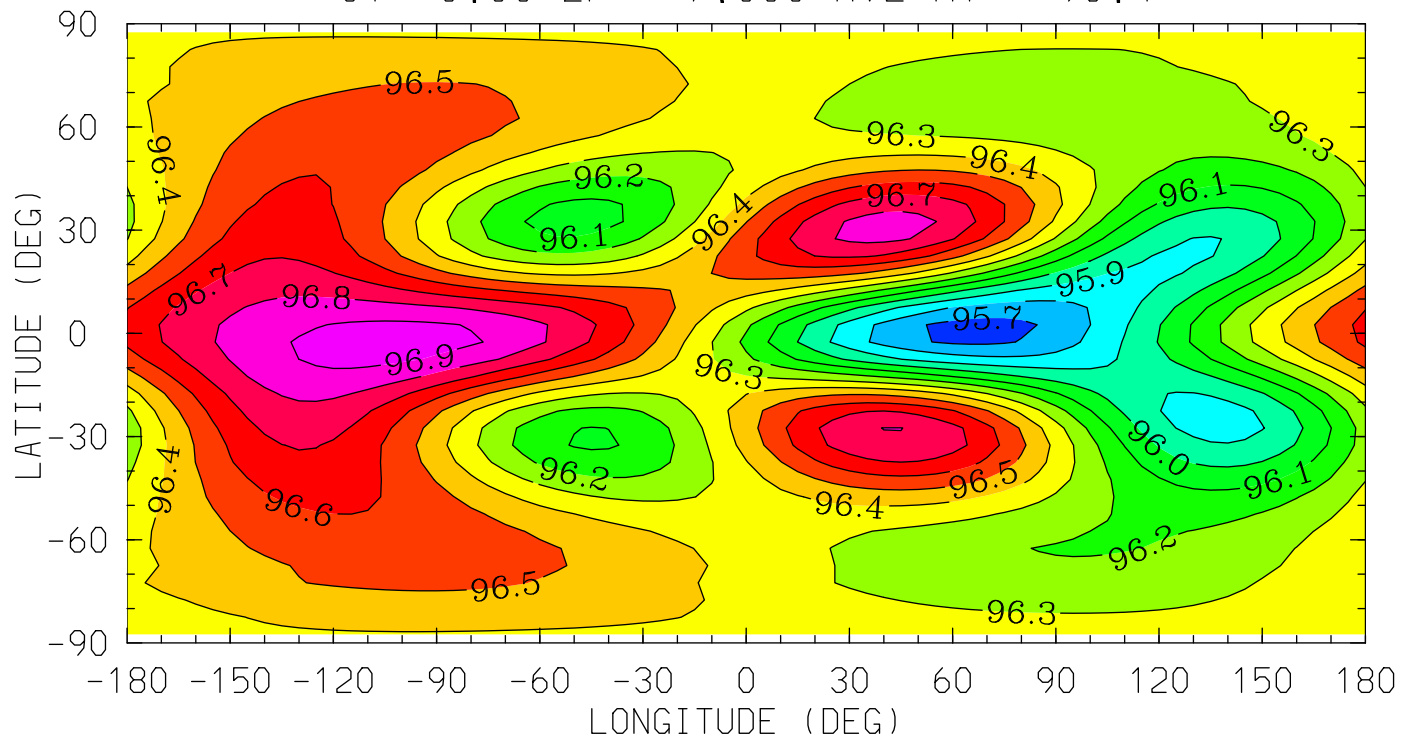
NMF2 ( )  
NMF2  
UT= 0.00



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

MIN,MAX= 7.5025E+04 9.8680E+05 INTERVAL= 5.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

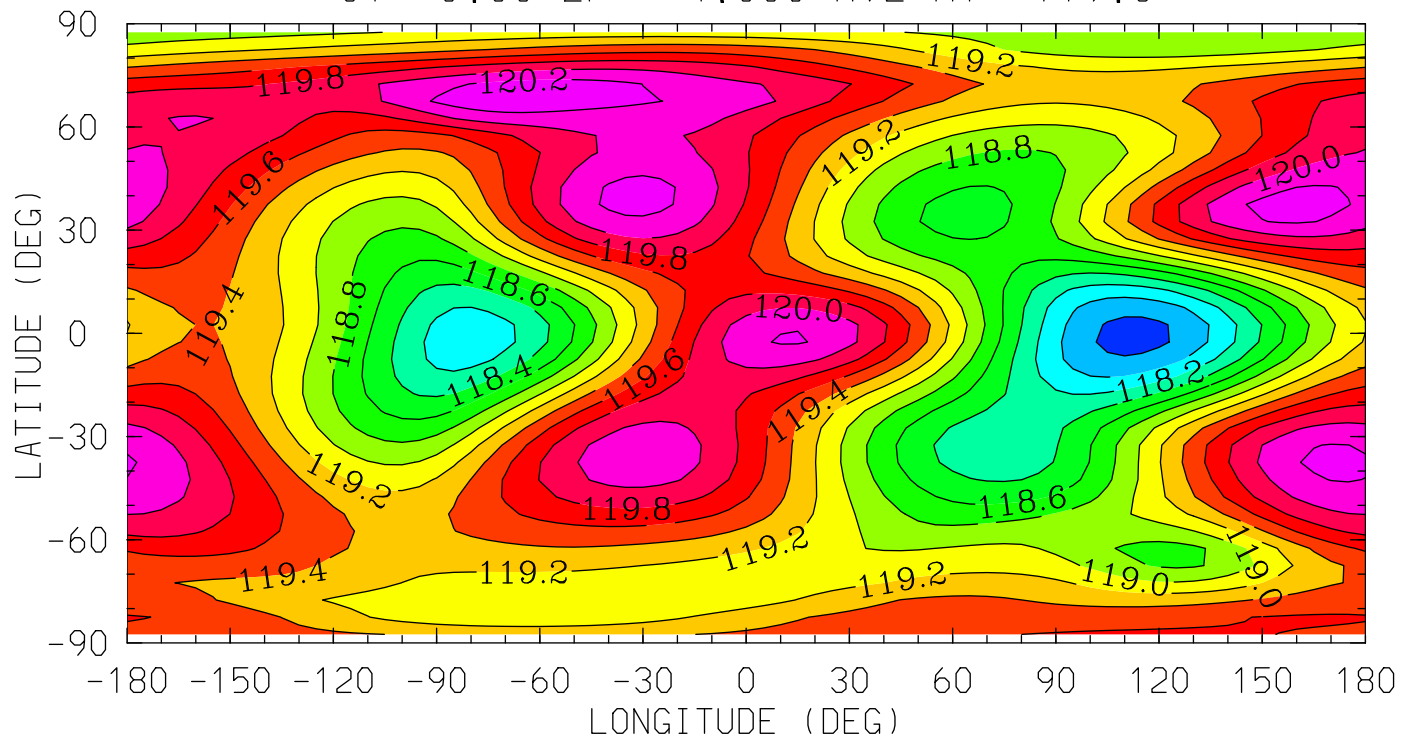
Z (KM)  
GEOPOTENTIAL HEIGHT  
UT= 0.00 ZP= -7.000 AVE HT= 96.4



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

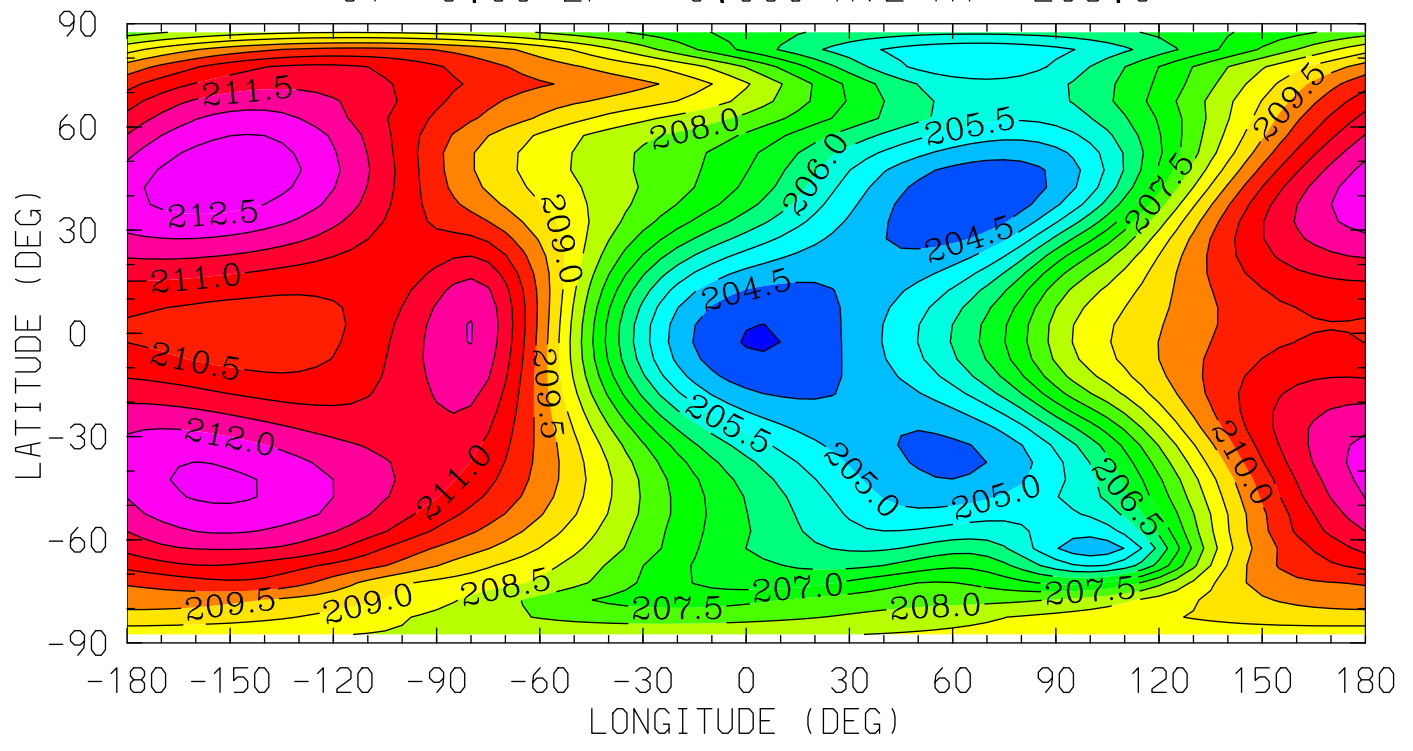
MIN,MAX= 9.5662E+01 9.6951E+01 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

Z (KM)  
GEOPOTENTIAL HEIGHT  
UT= 0.00 ZP= -4.000 AVE HT= 119.3



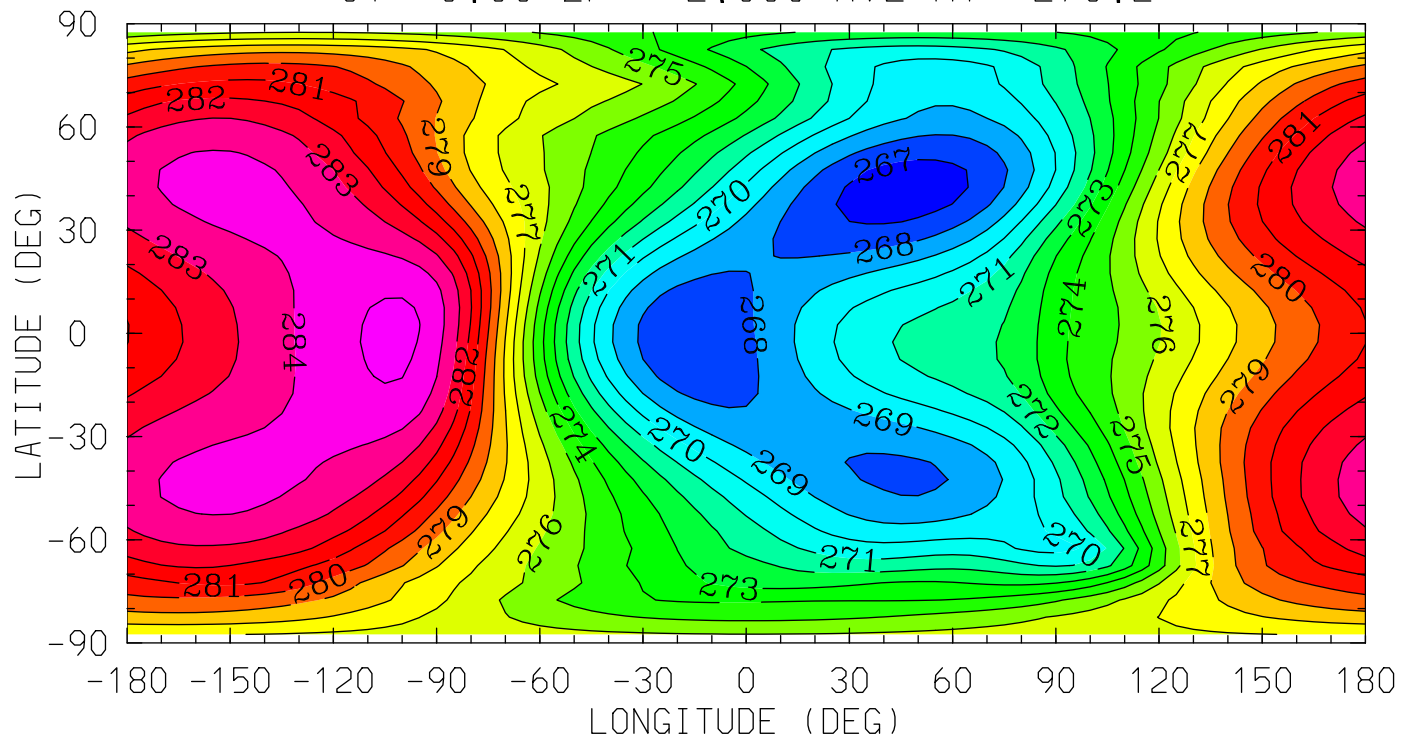
MIN,MAX= 1.1773E+02 1.2038E+02 INTERVAL= 2.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

Z (KM)  
GEOPOTENTIAL HEIGHT  
UT= 0.00 ZP= 0.000 AVE HT= 208.6



MIN,MAX= 2.0396E+02 2.1284E+02 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

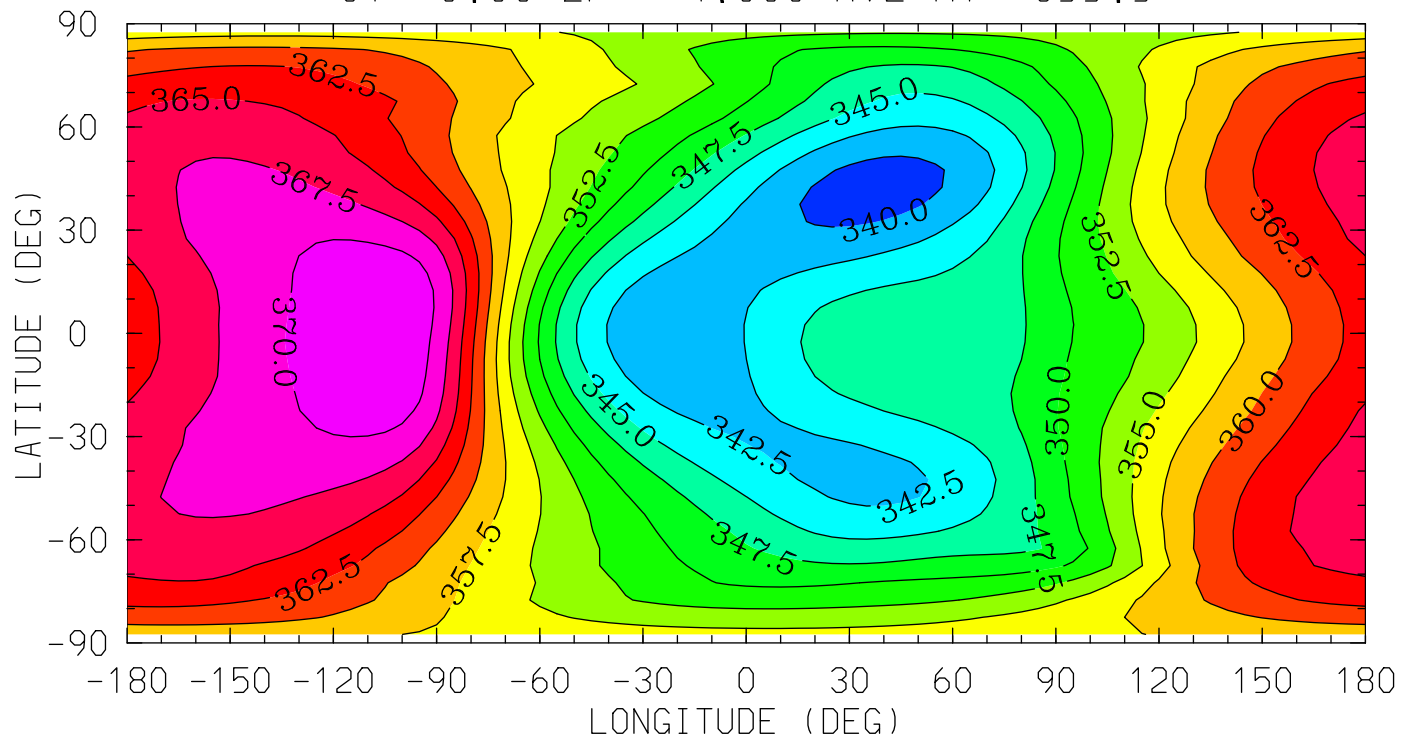
Z (KM)  
GEOPOTENTIAL HEIGHT  
UT= 0.00 ZP= 2.000 AVE HT= 276.2



MIN,MAX= 2.6637E+02 2.8523E+02 INTERVAL= 1.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

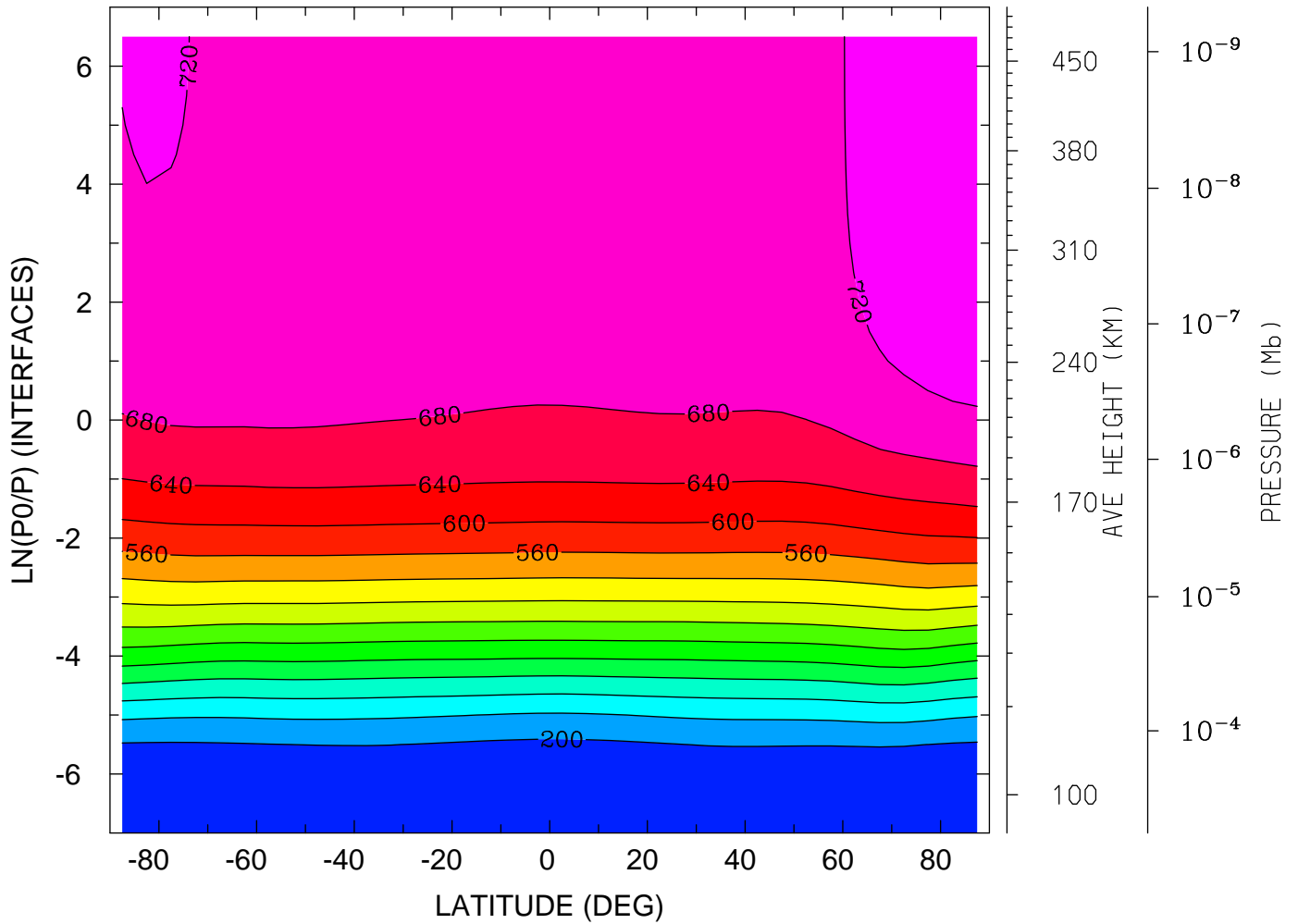


Z (KM)  
GEOPOTENTIAL HEIGHT  
UT= 0.00 ZP= 4.000 AVE HT= 355.5



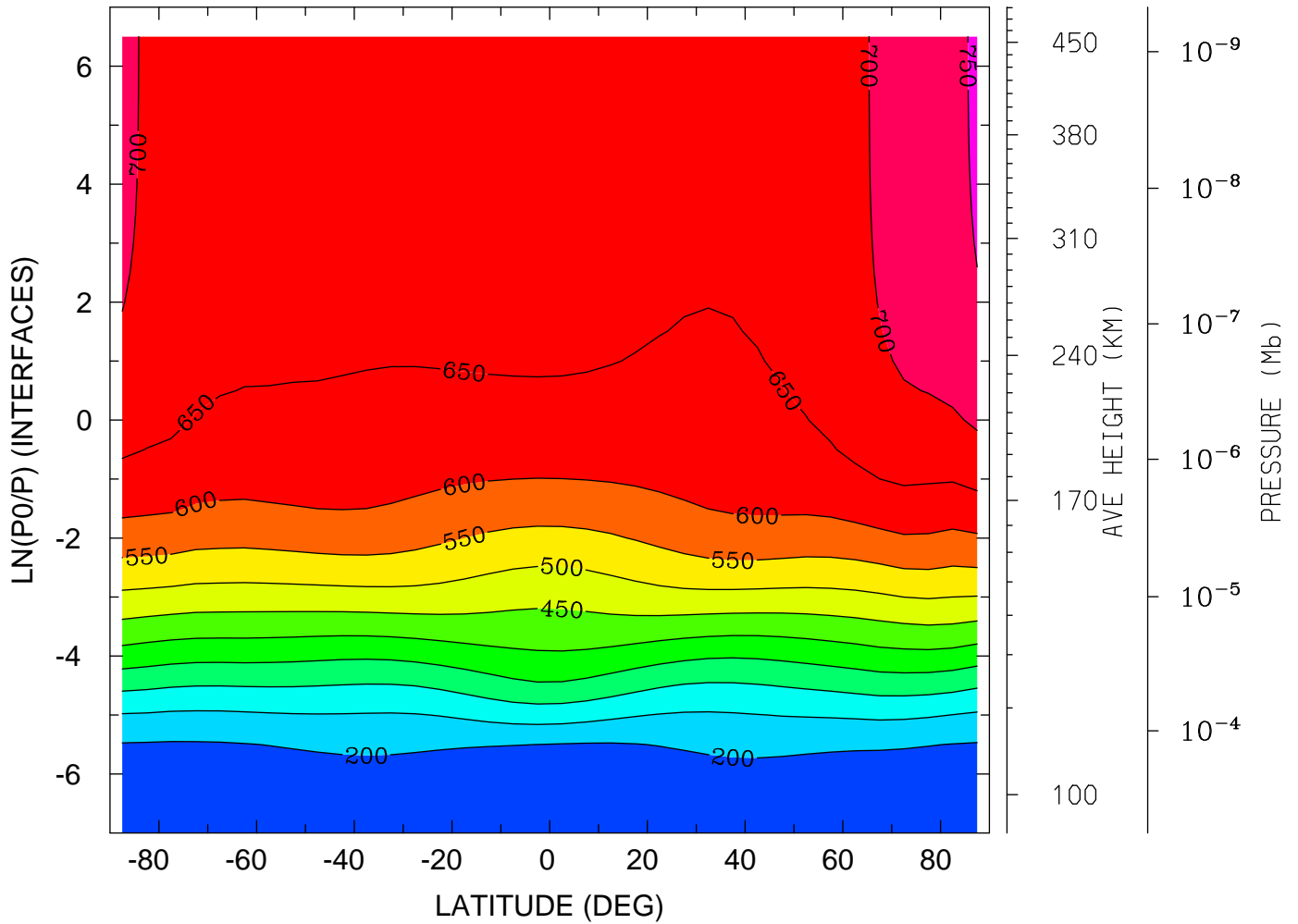
MIN,MAX= 3.3873E+02 3.7210E+02 INTERVAL= 2.5000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



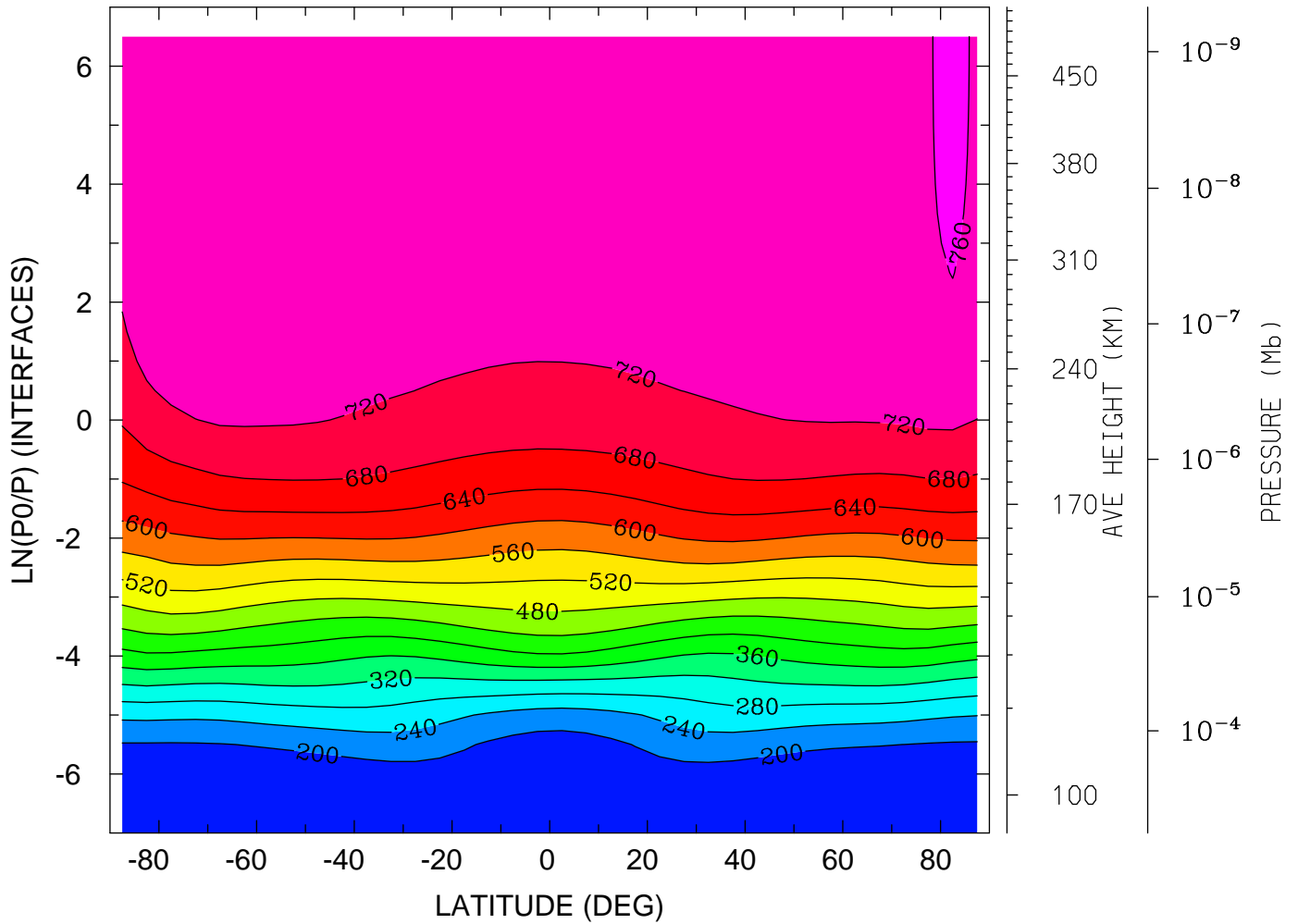
MIN,MAX= 1.6450E+02 7.5671E+02 INTERVAL= 4.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



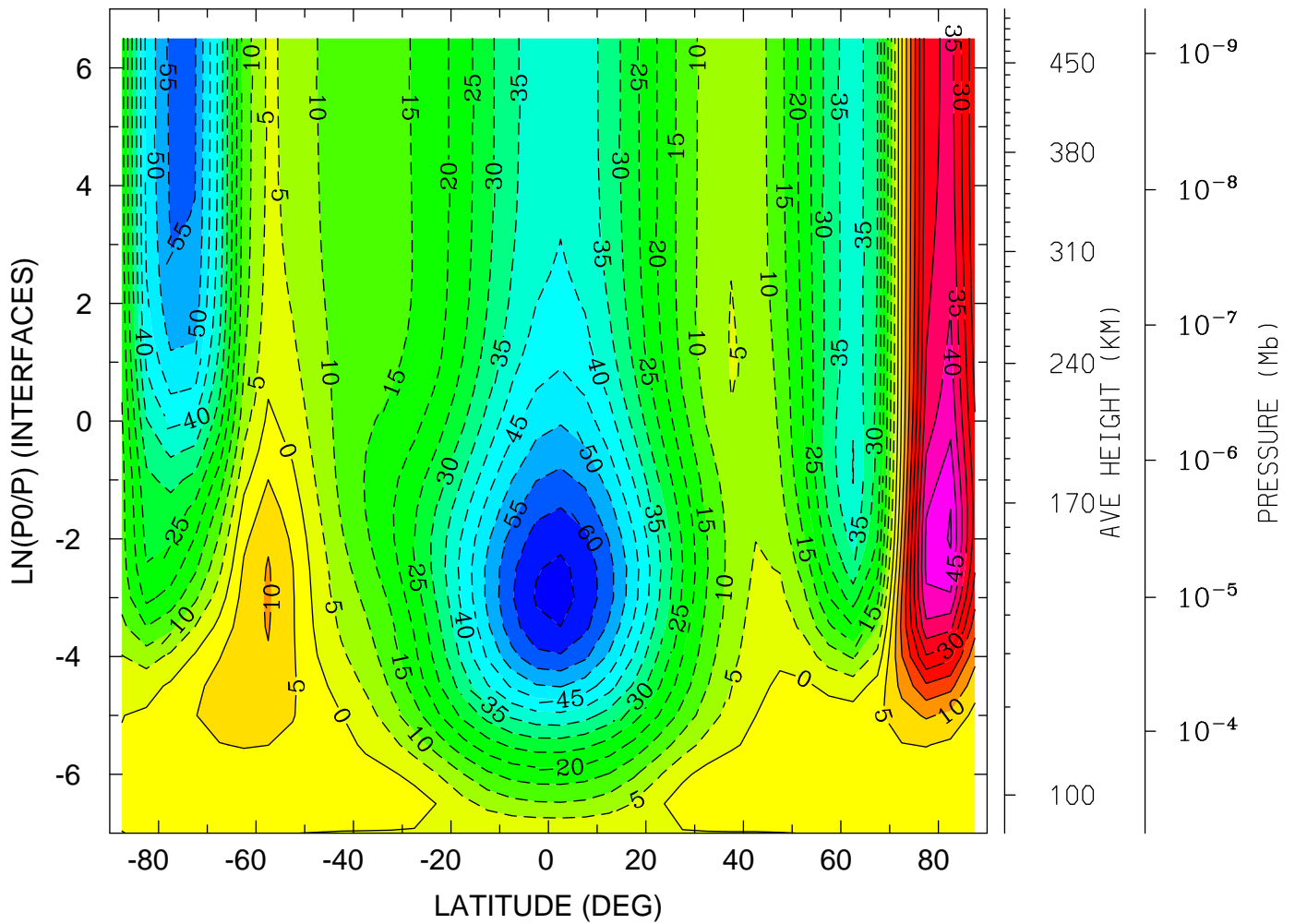
MIN,MAX= 1.5065E+02 7.5458E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



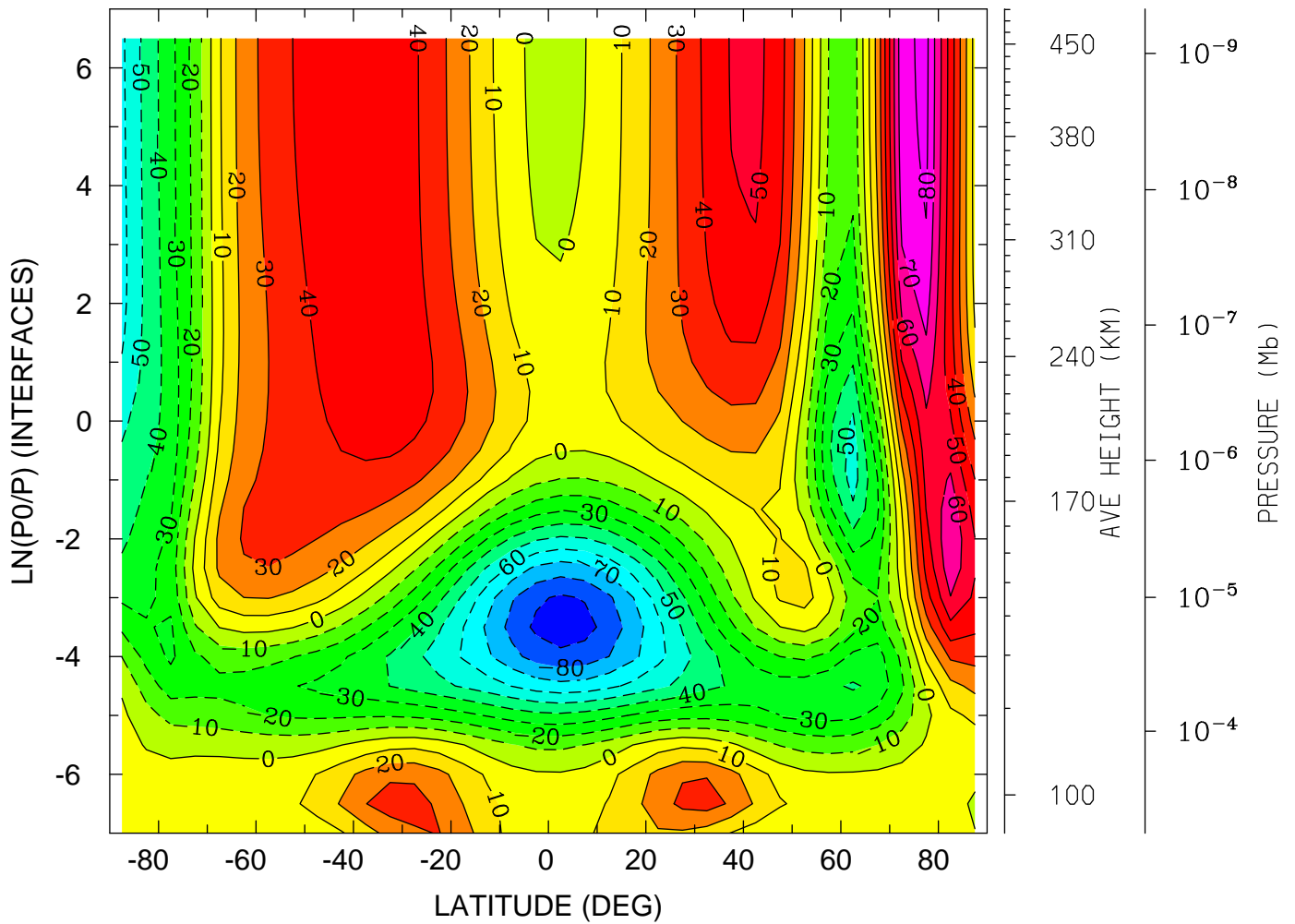
MIN,MAX= 1.6596E+02 7.6254E+02 INTERVAL= 4.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



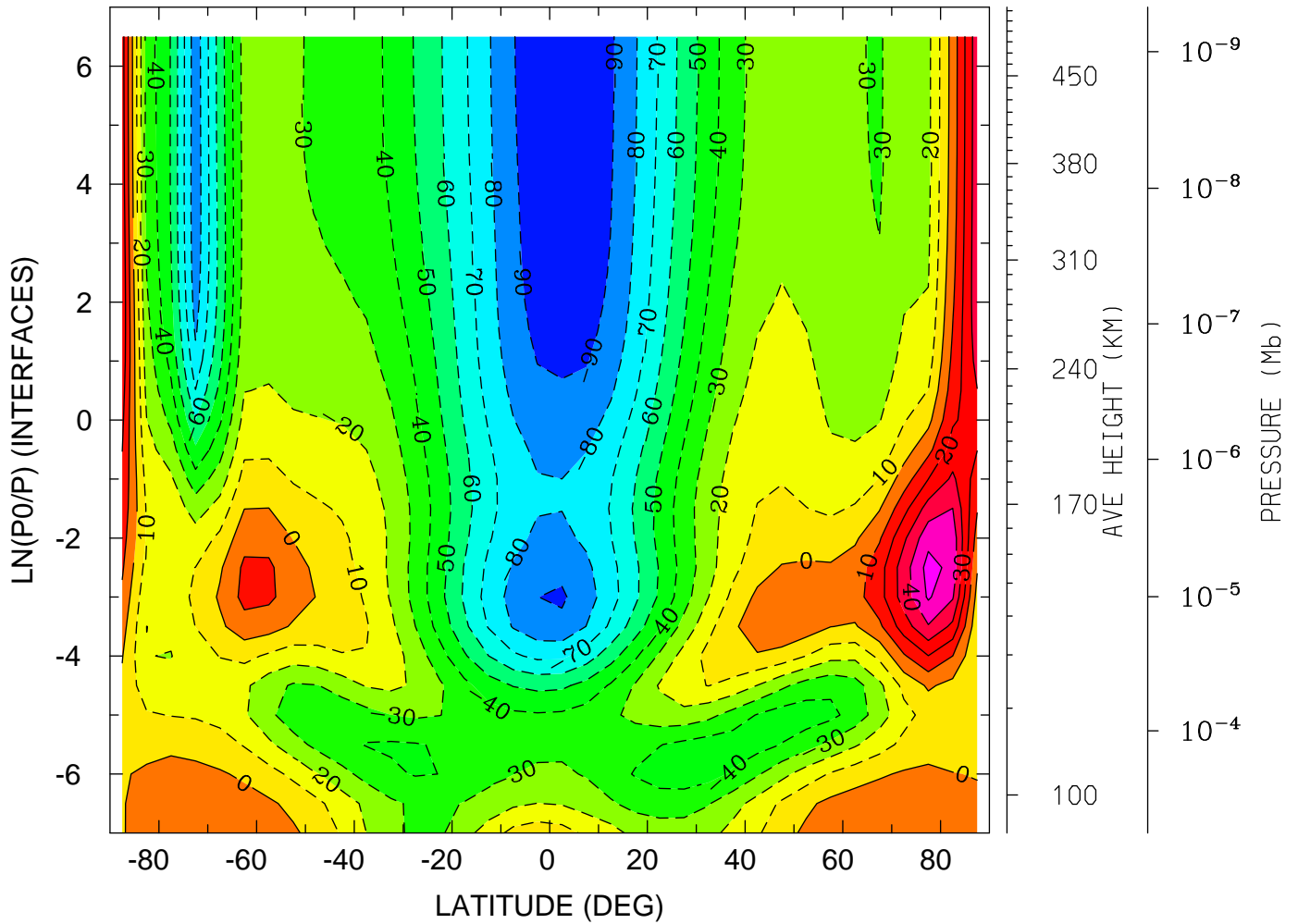
MIN,MAX= -6.6888E+01 5.0579E+01 INTERVAL= 5.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



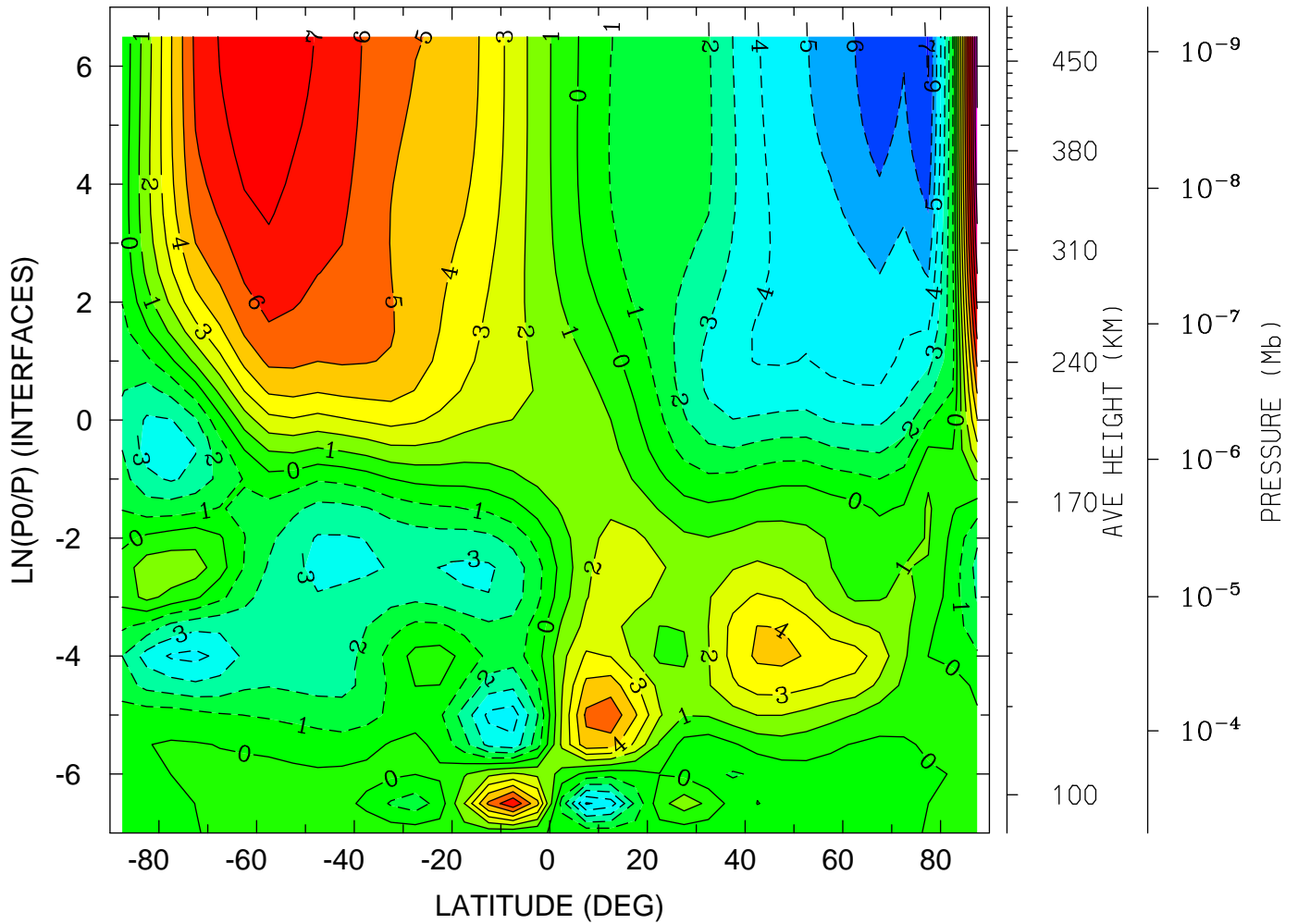
MIN,MAX= -9.5988E+01 8.2902E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= -9.8412E+01 5.3615E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

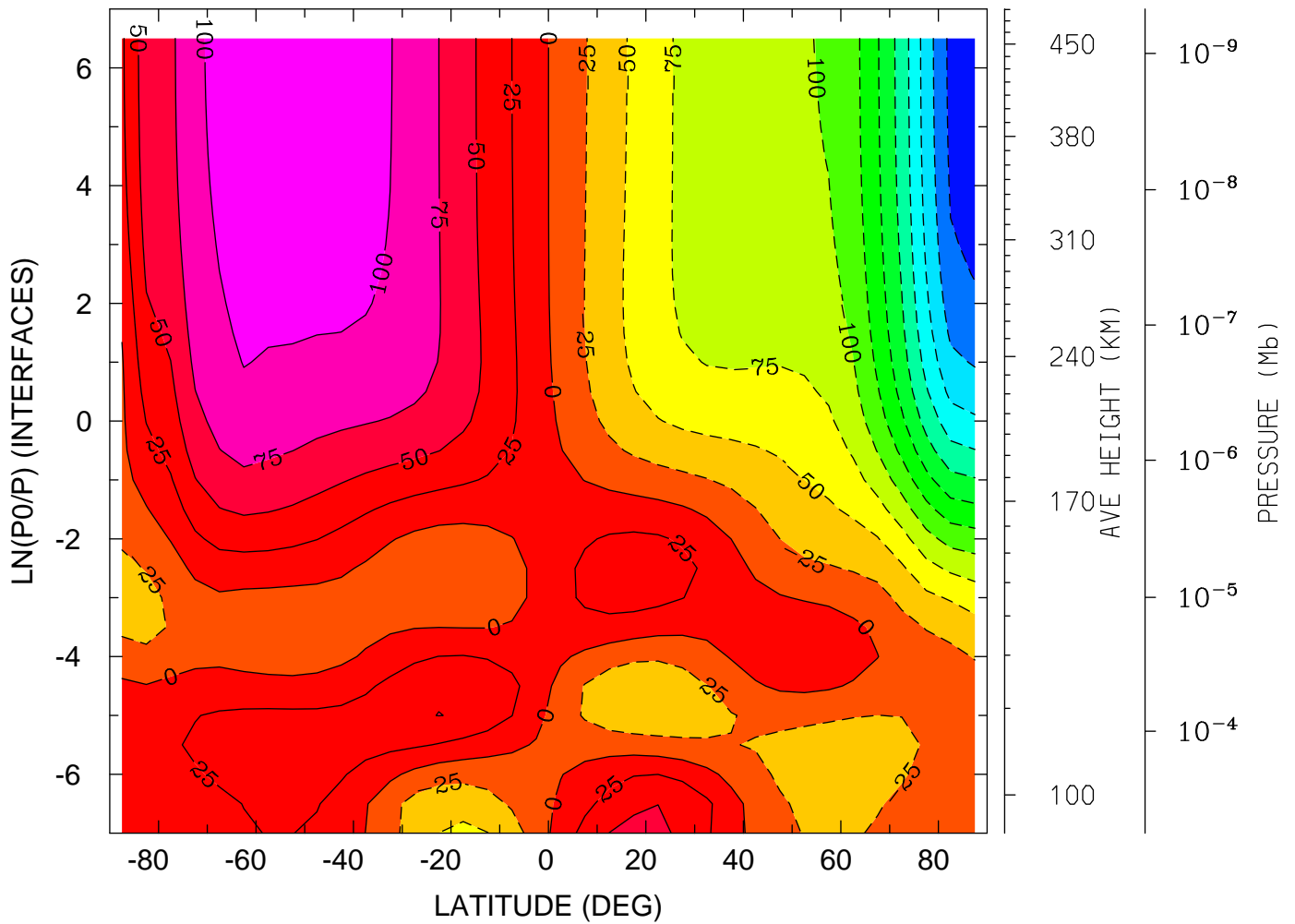
NEUTRAL MERIDIONAL WIND (M/S)  
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= -7.0815E+00 1.1147E+01 INTERVAL= 1.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

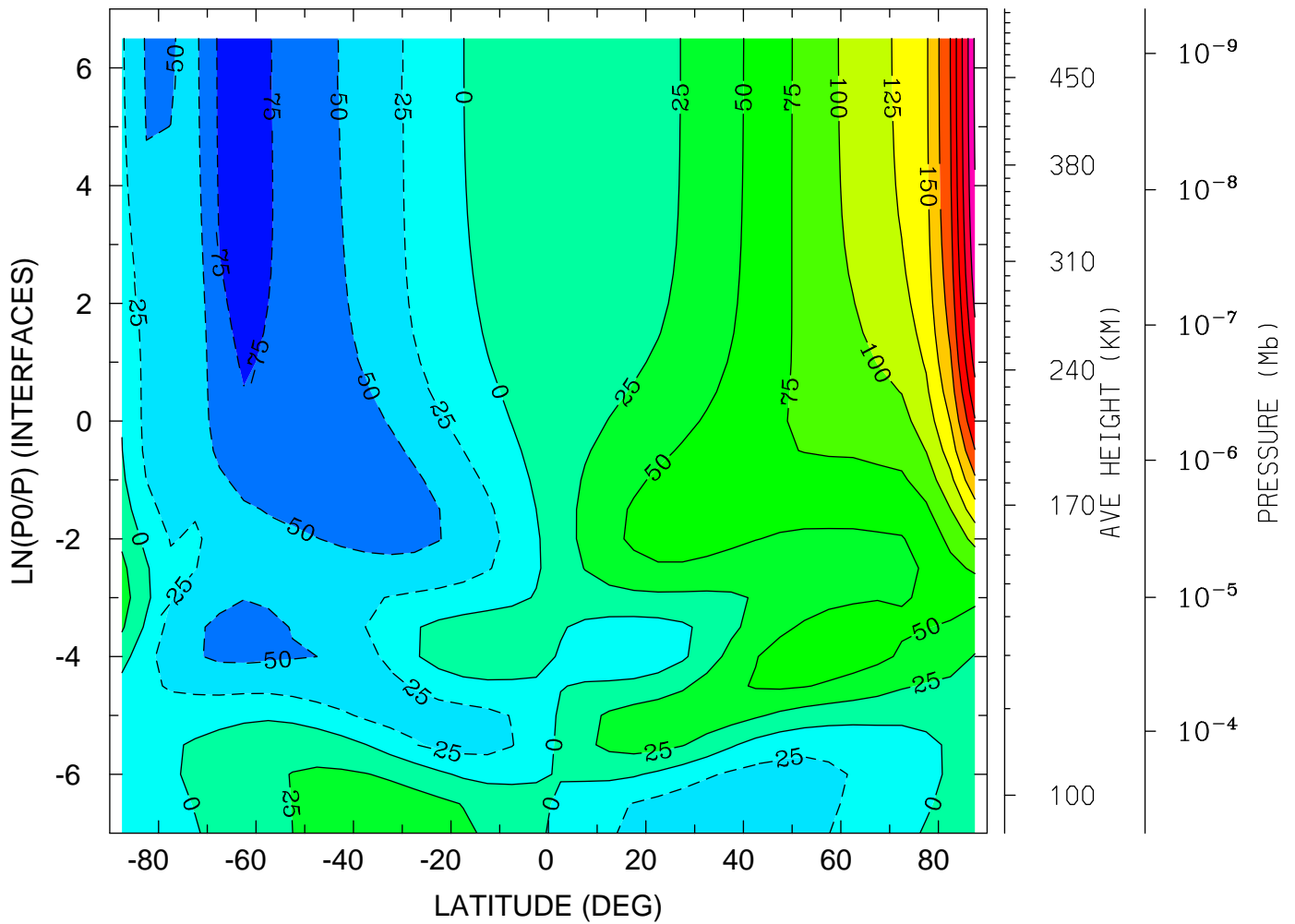


NEUTRAL MERIDIONAL WIND (M/S)  
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



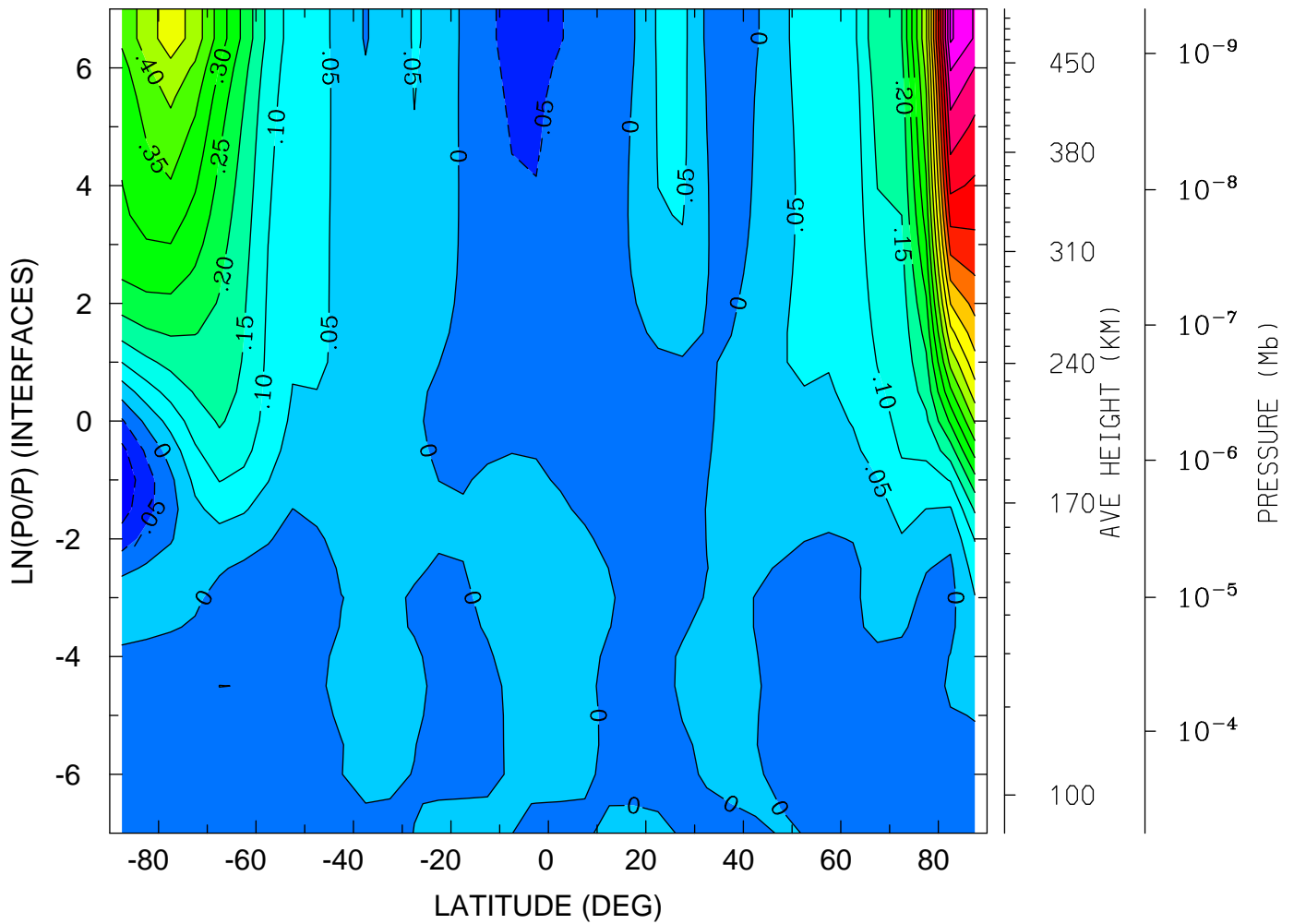
MIN,MAX= -2.8946E+02 1.1281E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



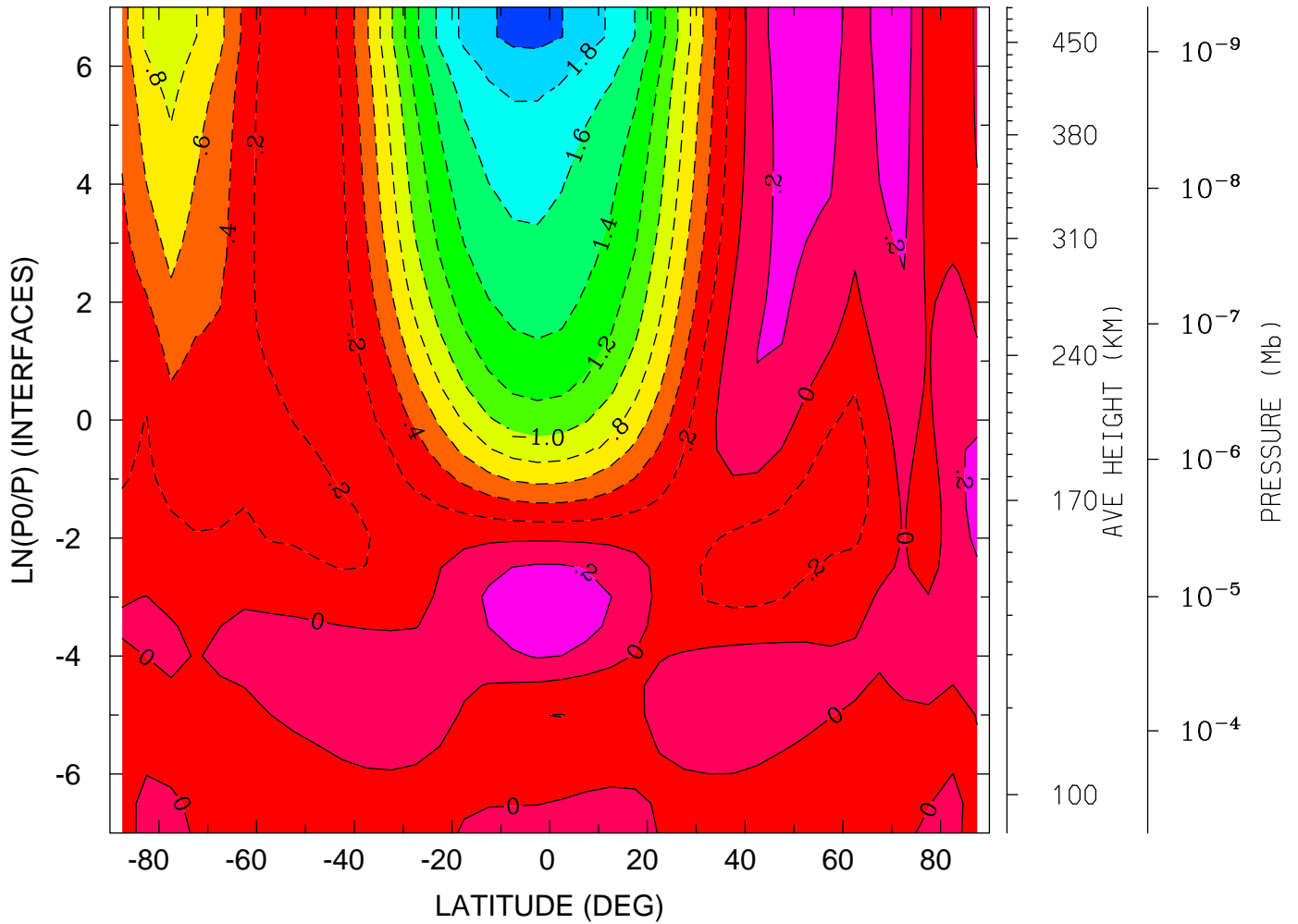
MIN,MAX= -8.4494E+01 3.0363E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



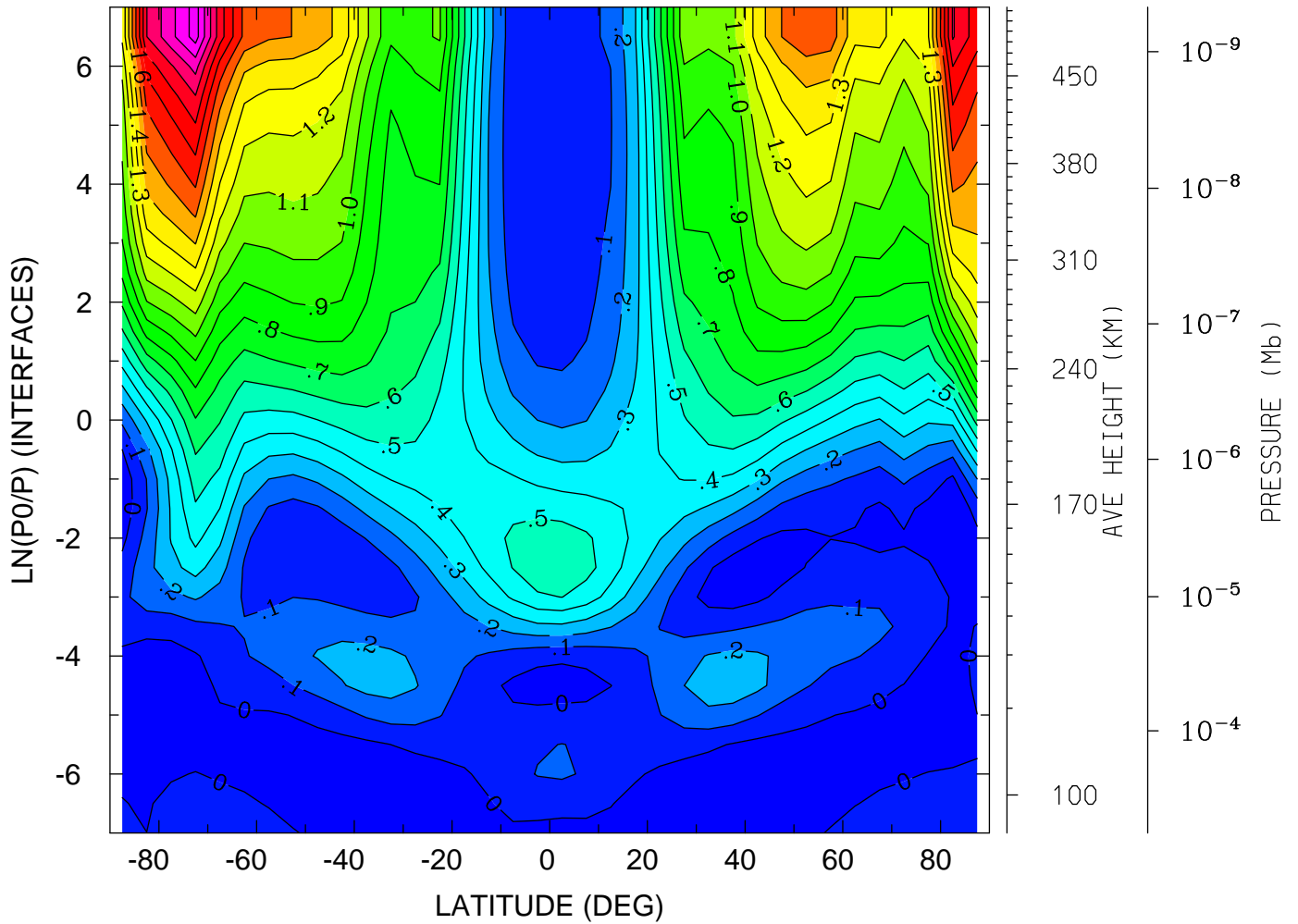
MIN,MAX= -1.3643E-01 9.5730E-01 INTERVAL= 5.0000E-02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



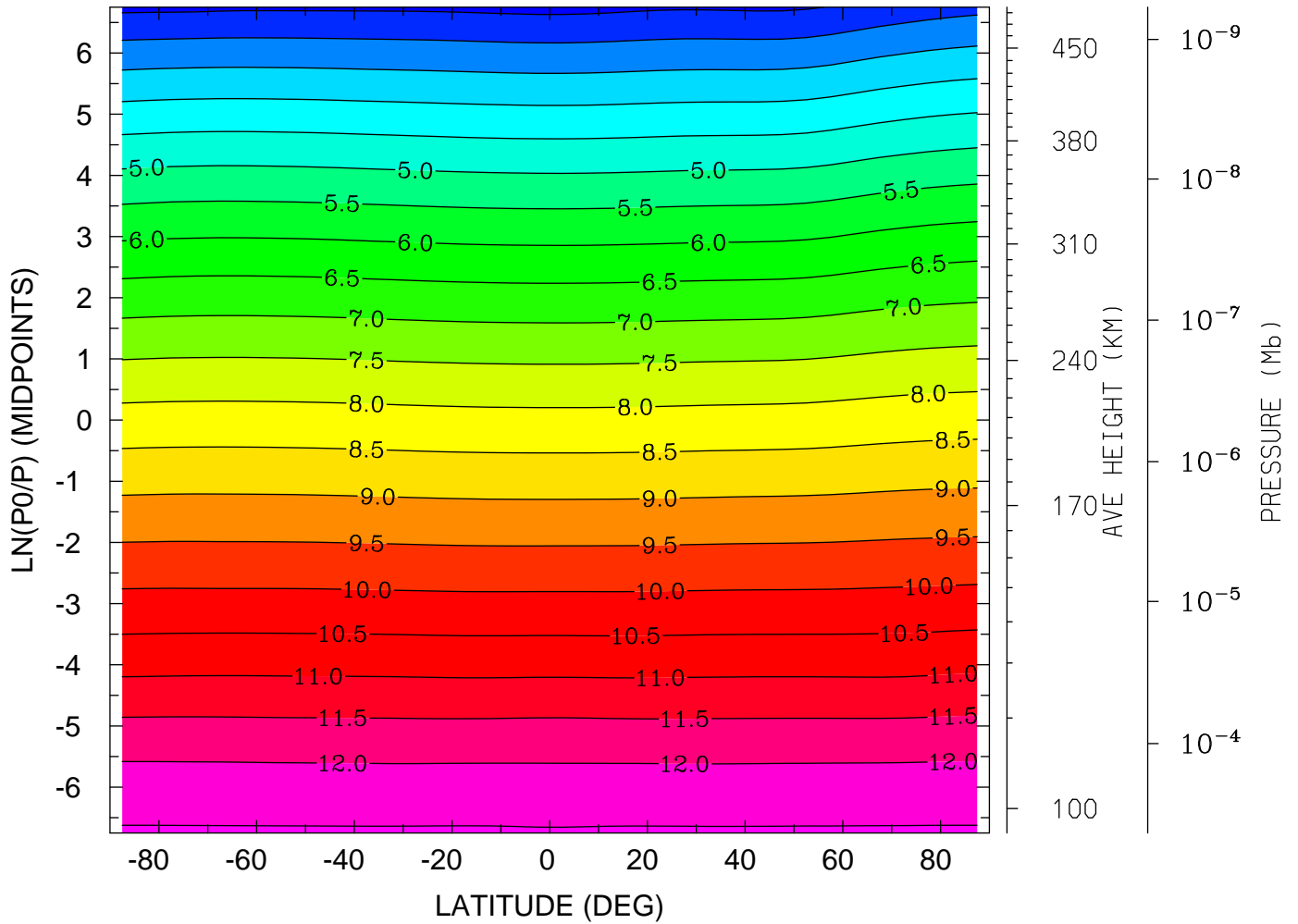
MIN,MAX= -2.0601E+00 3.7076E-01 INTERVAL= 2.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



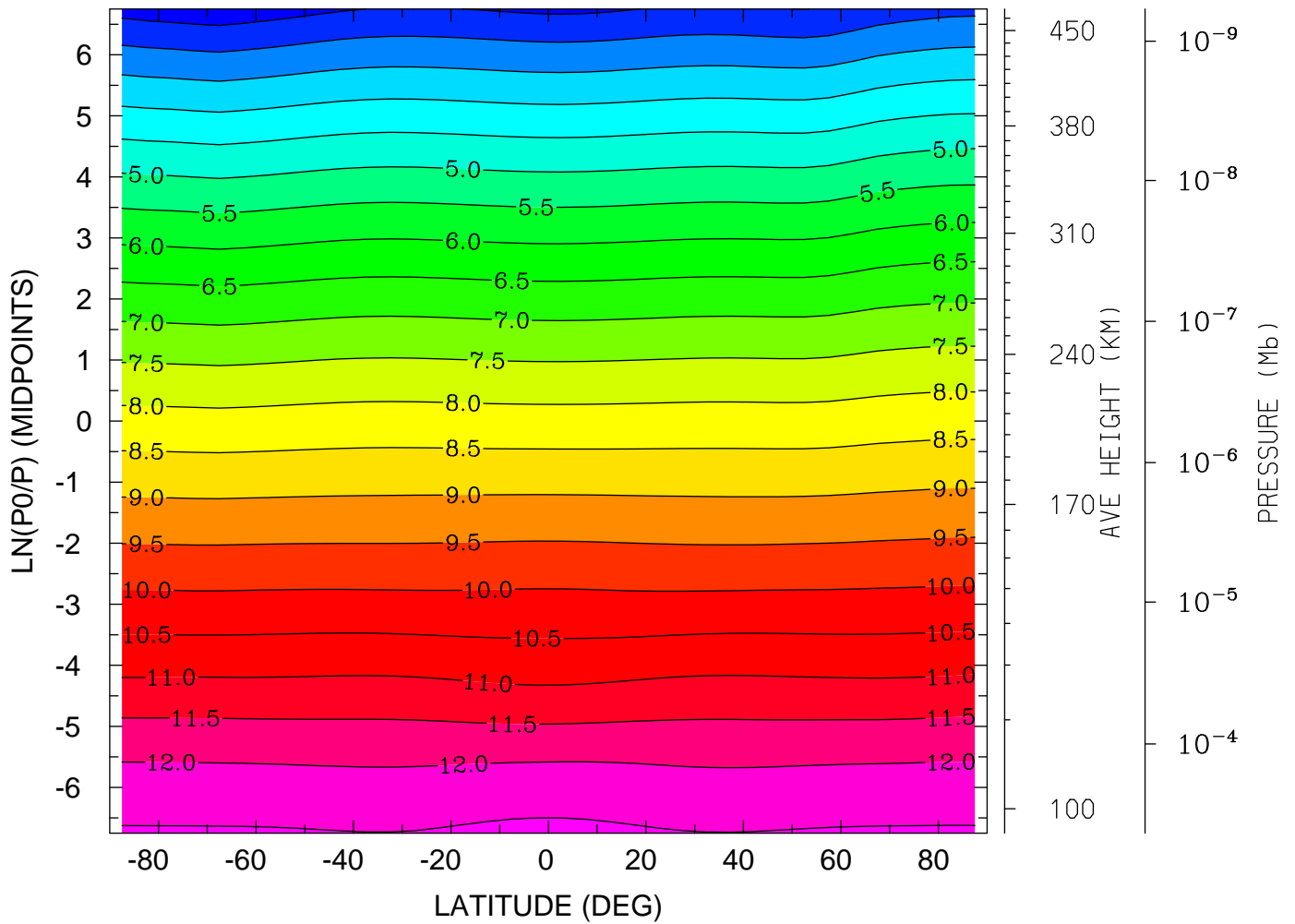
MIN,MAX= -1.0164E-01 2.2466E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



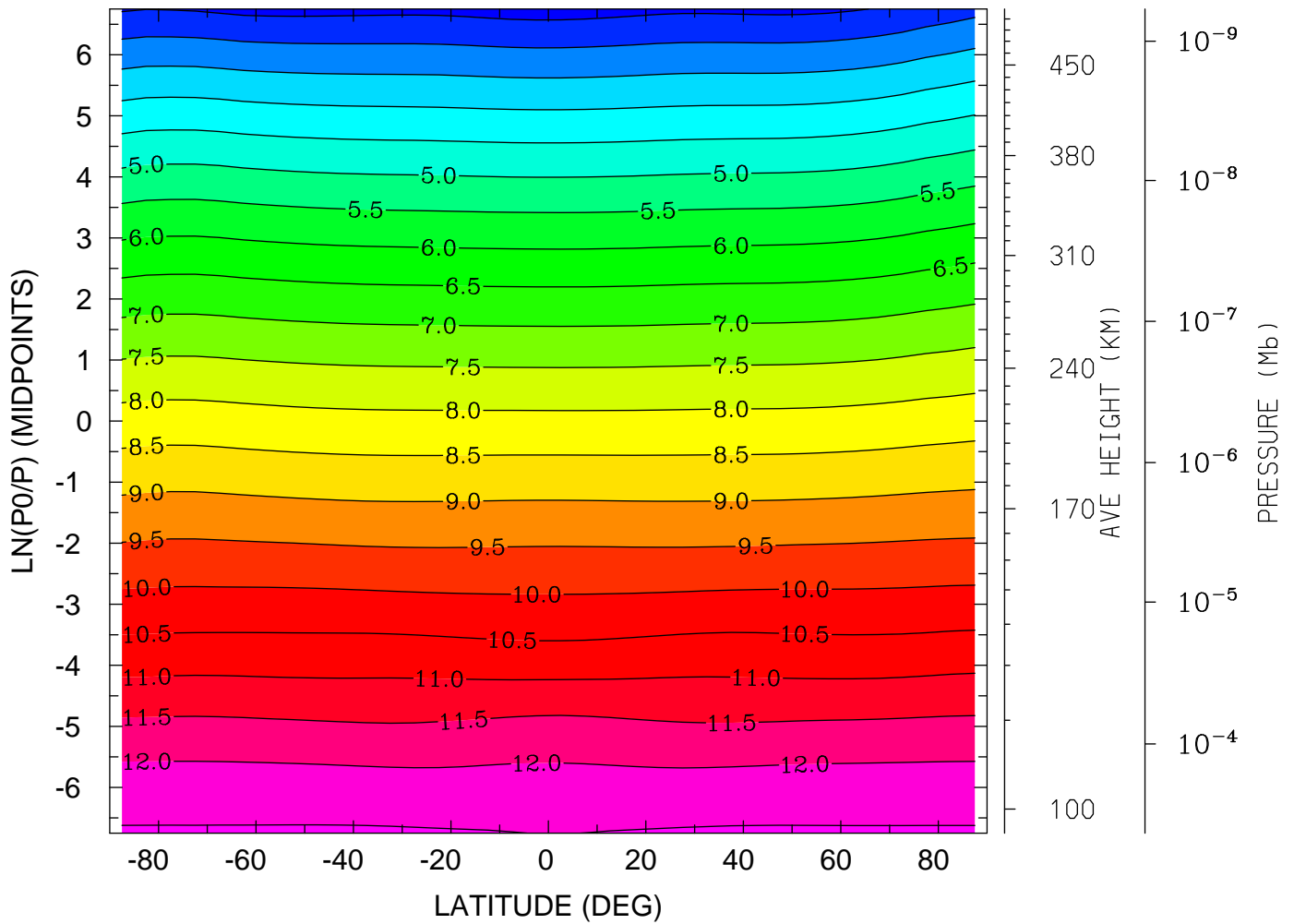
MIN,MAX= 2.3689E+00 1.2549E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 2.1741E+00 1.2606E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

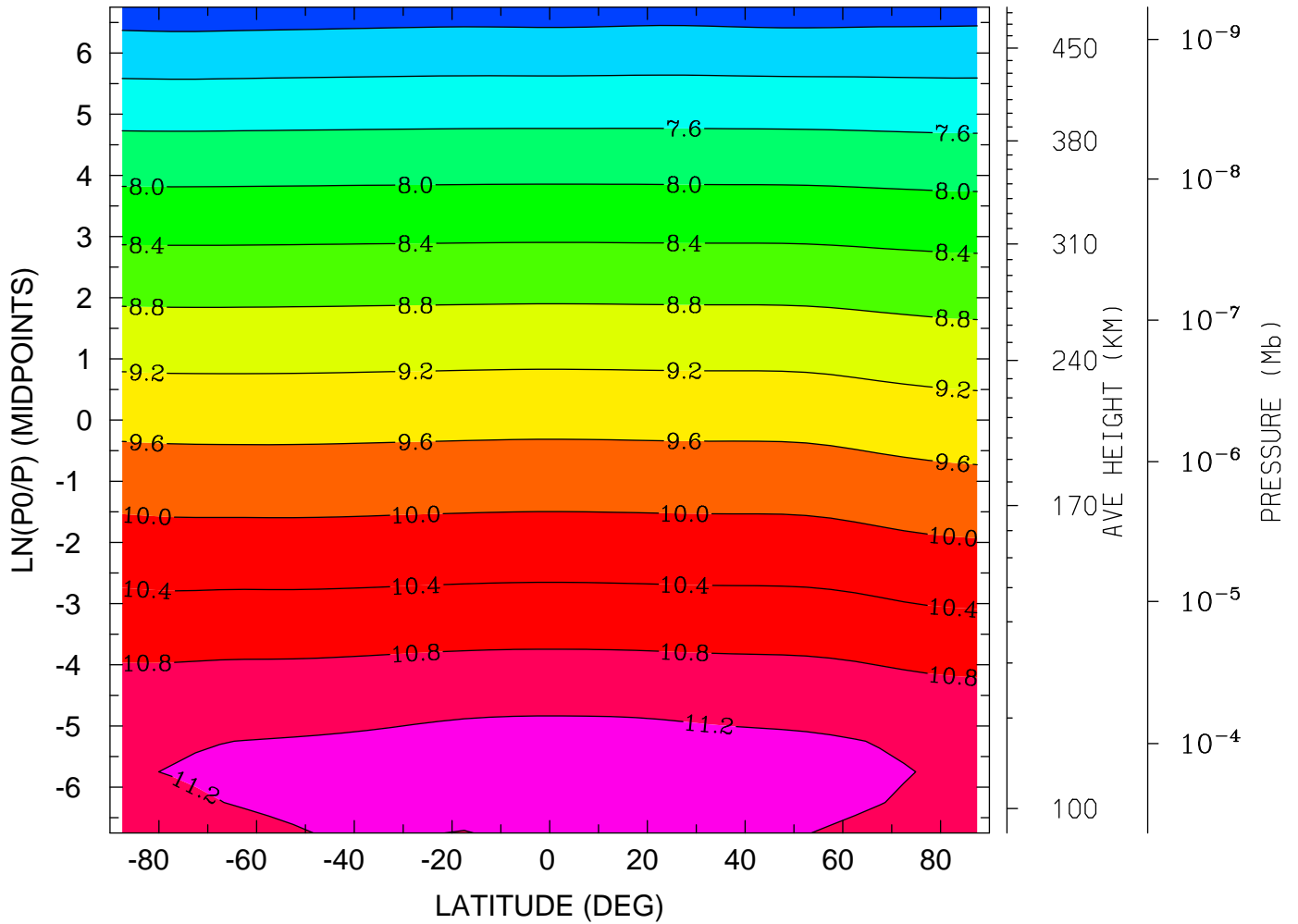
LOG10 MOLECULAR OXYGEN (CM3)  
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= 2.2985E+00 1.2554E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

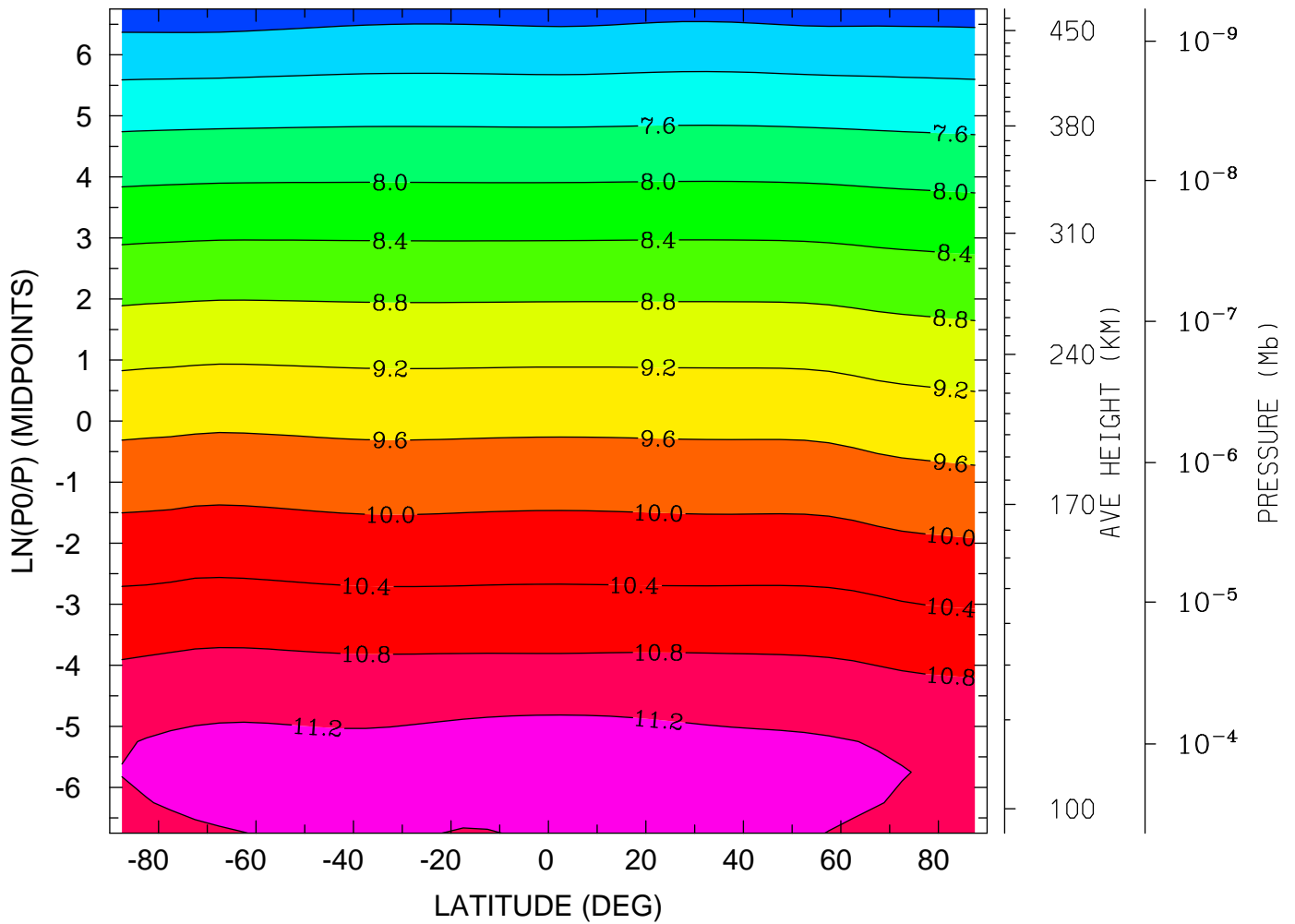


LOG10 ATOMIC OXYGEN (CM3)  
YEAR 2002 UT= 0.00 ZONAL MEANS



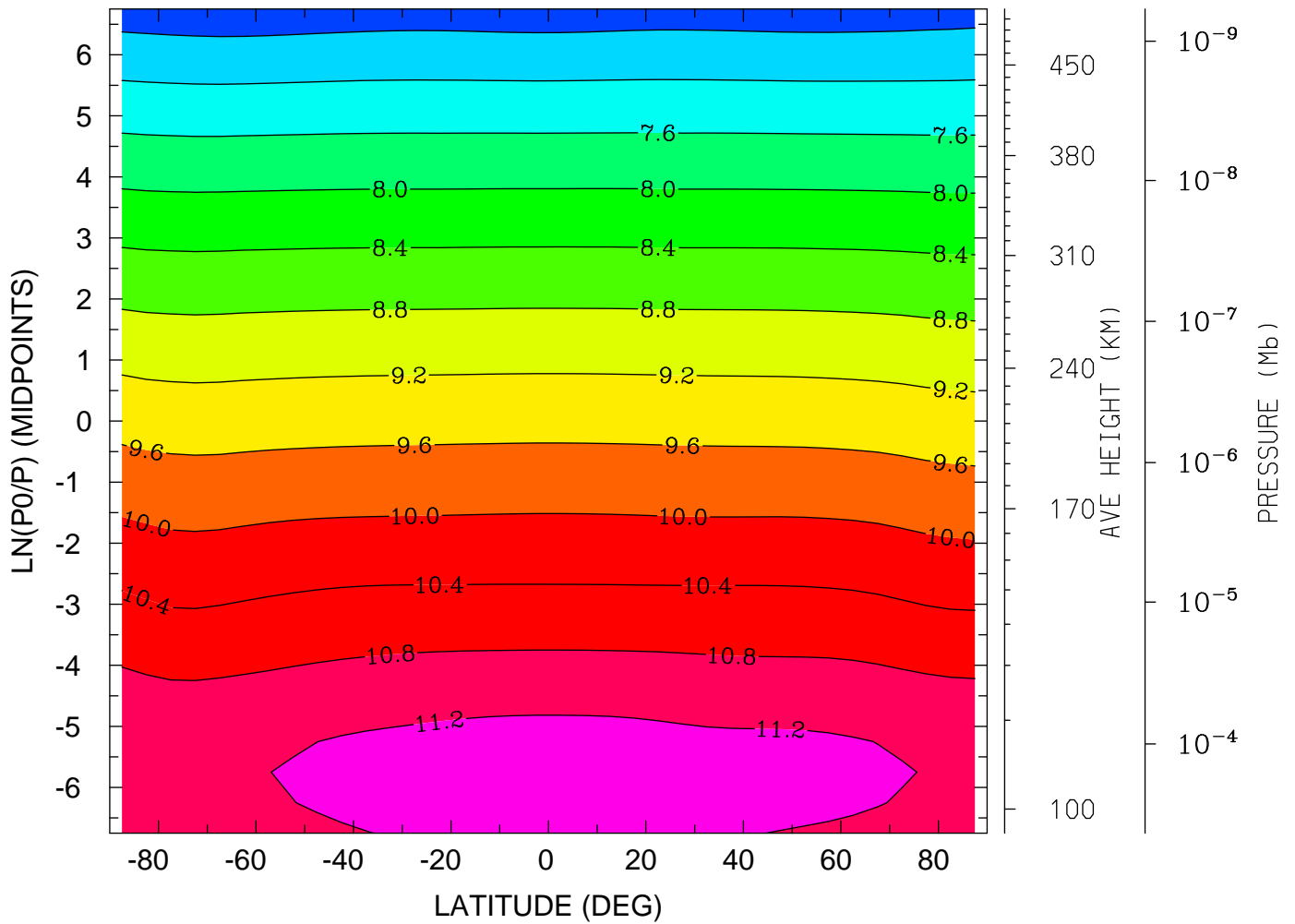
MIN,MAX= 6.5760E+00 1.1447E+01 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



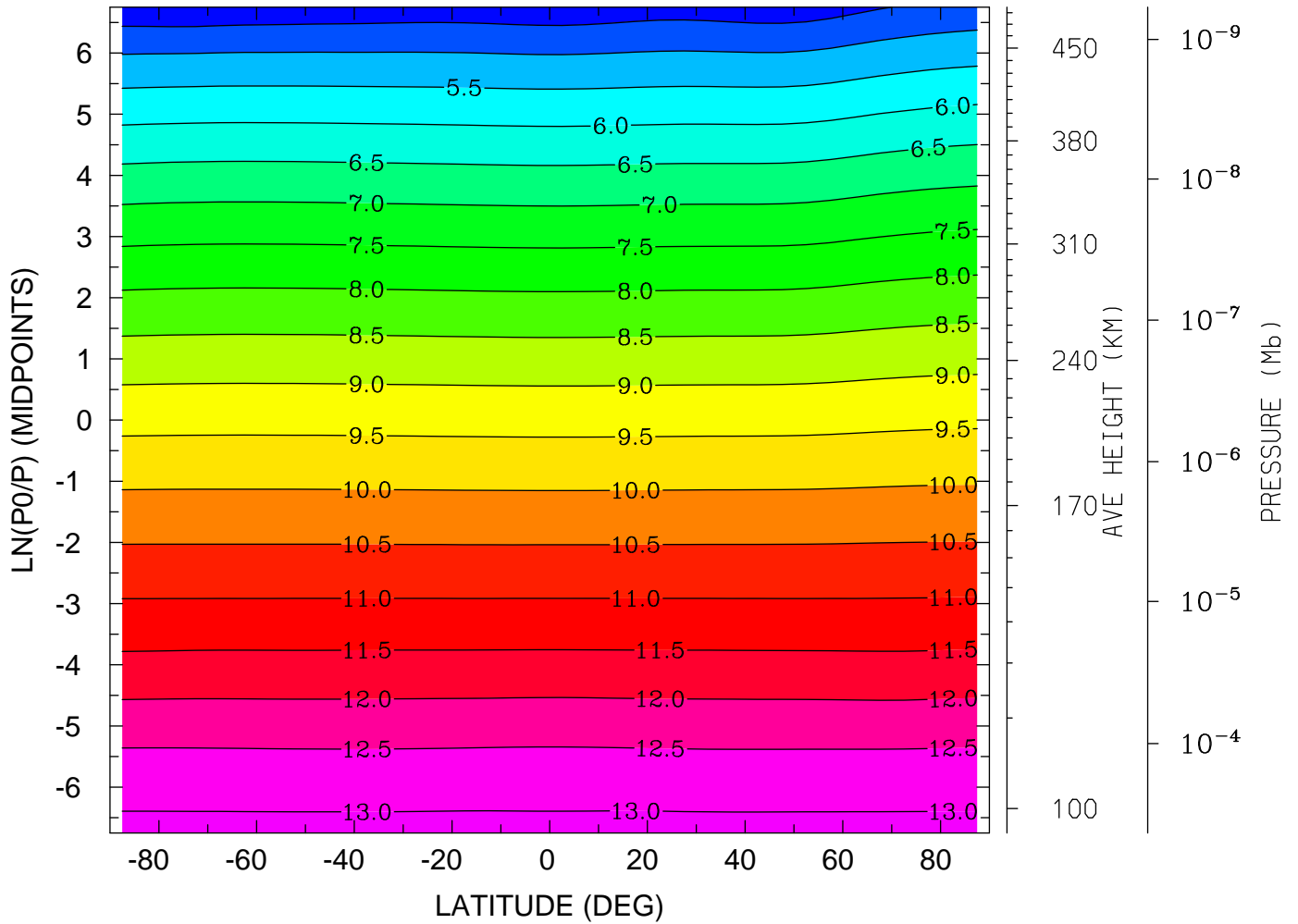
MIN,MAX= 6.5759E+00 1.1423E+01 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



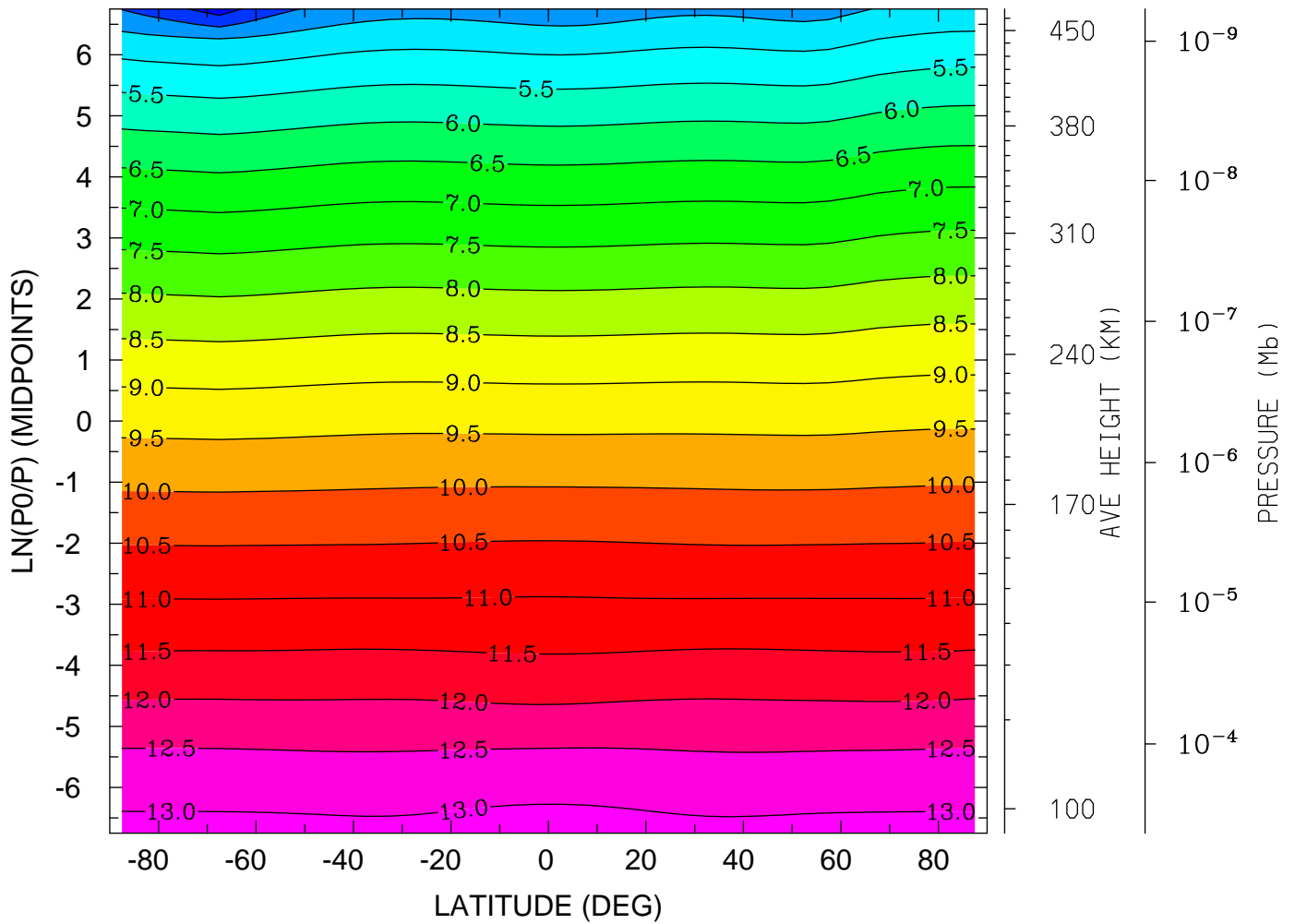
MIN,MAX= 6.5413E+00 1.1506E+01 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



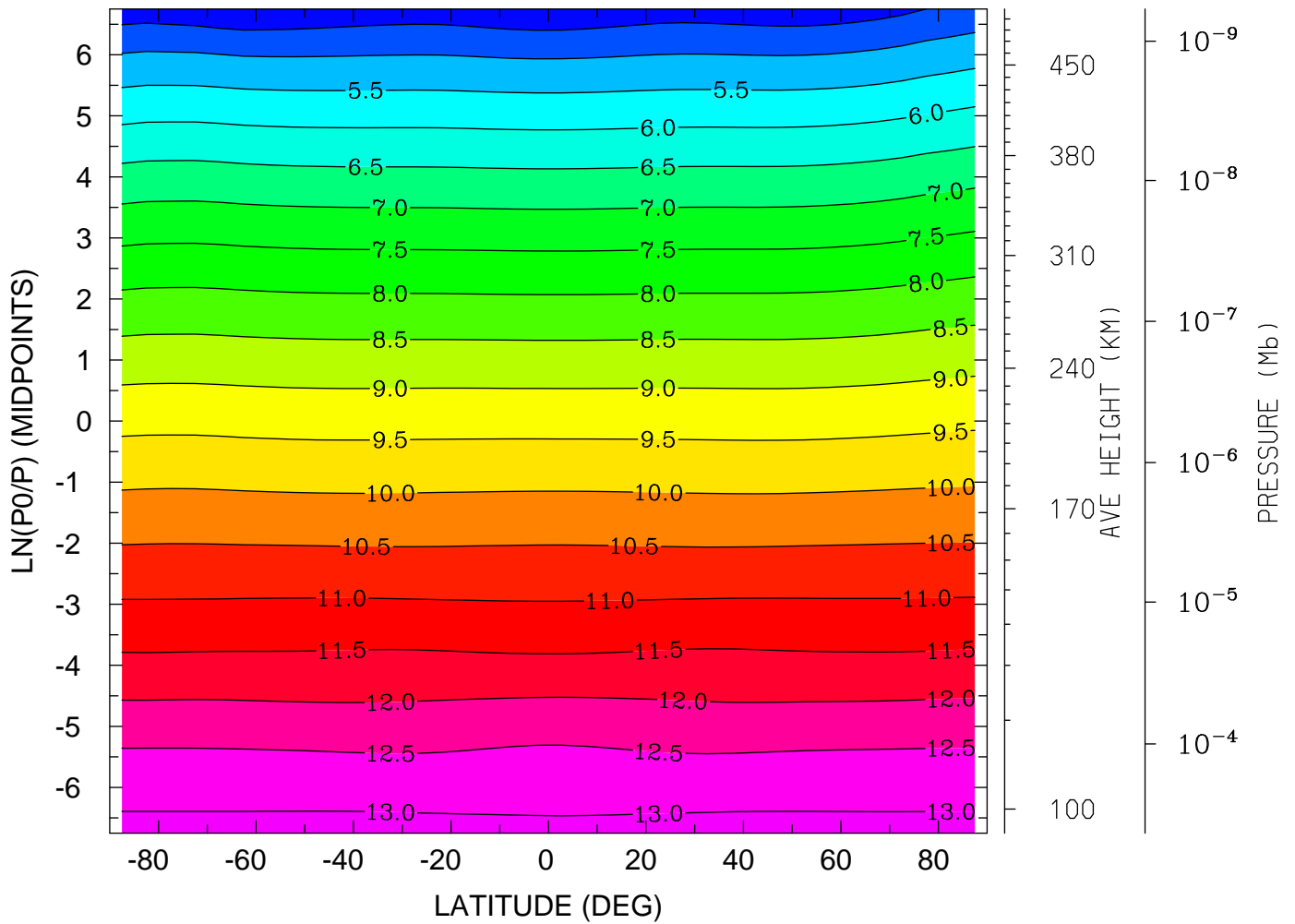
MIN,MAX= 4.0663E+00 1.3129E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



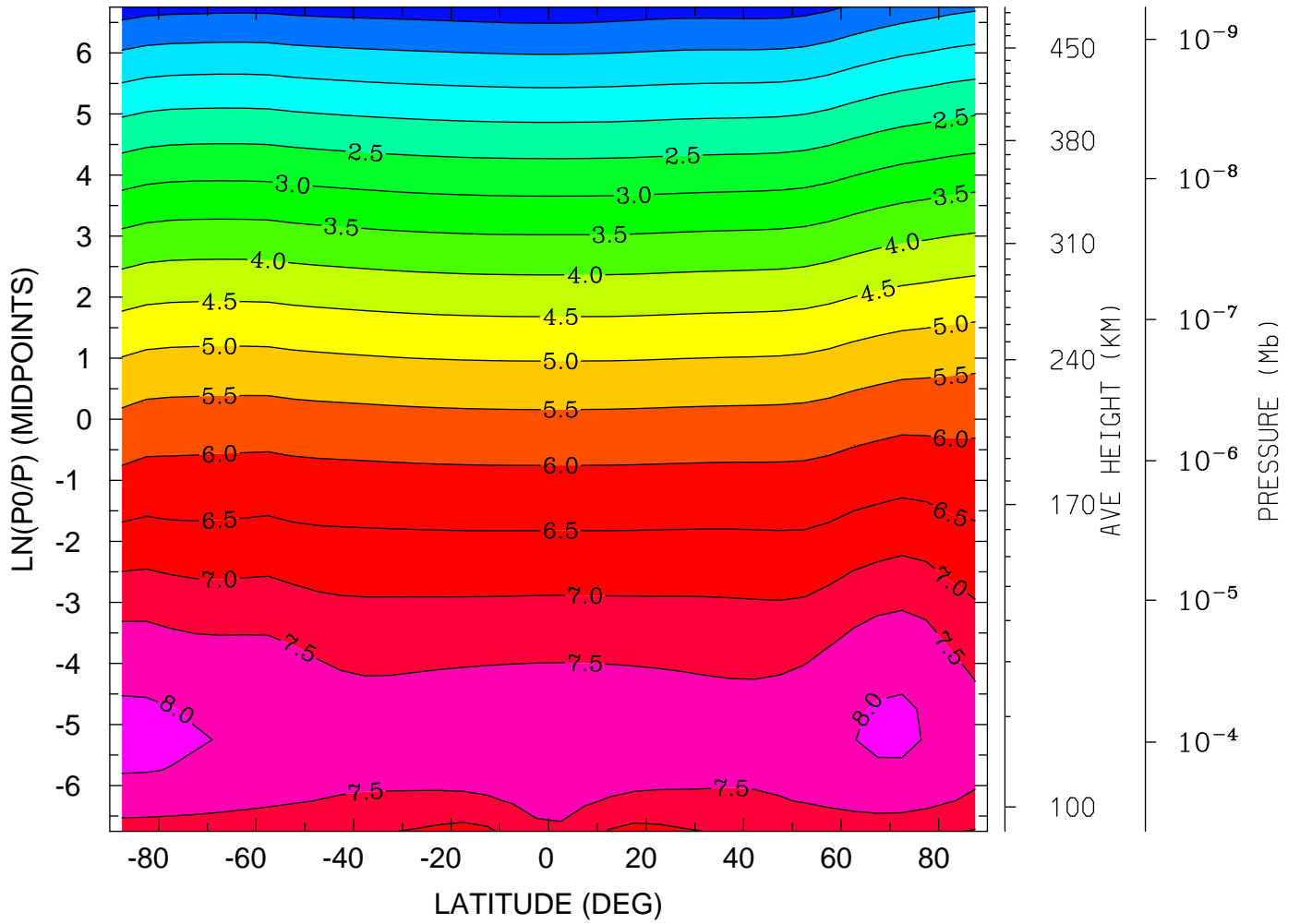
MIN,MAX= 3.2284E+00 1.3188E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 4.0019E+00 1.3136E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

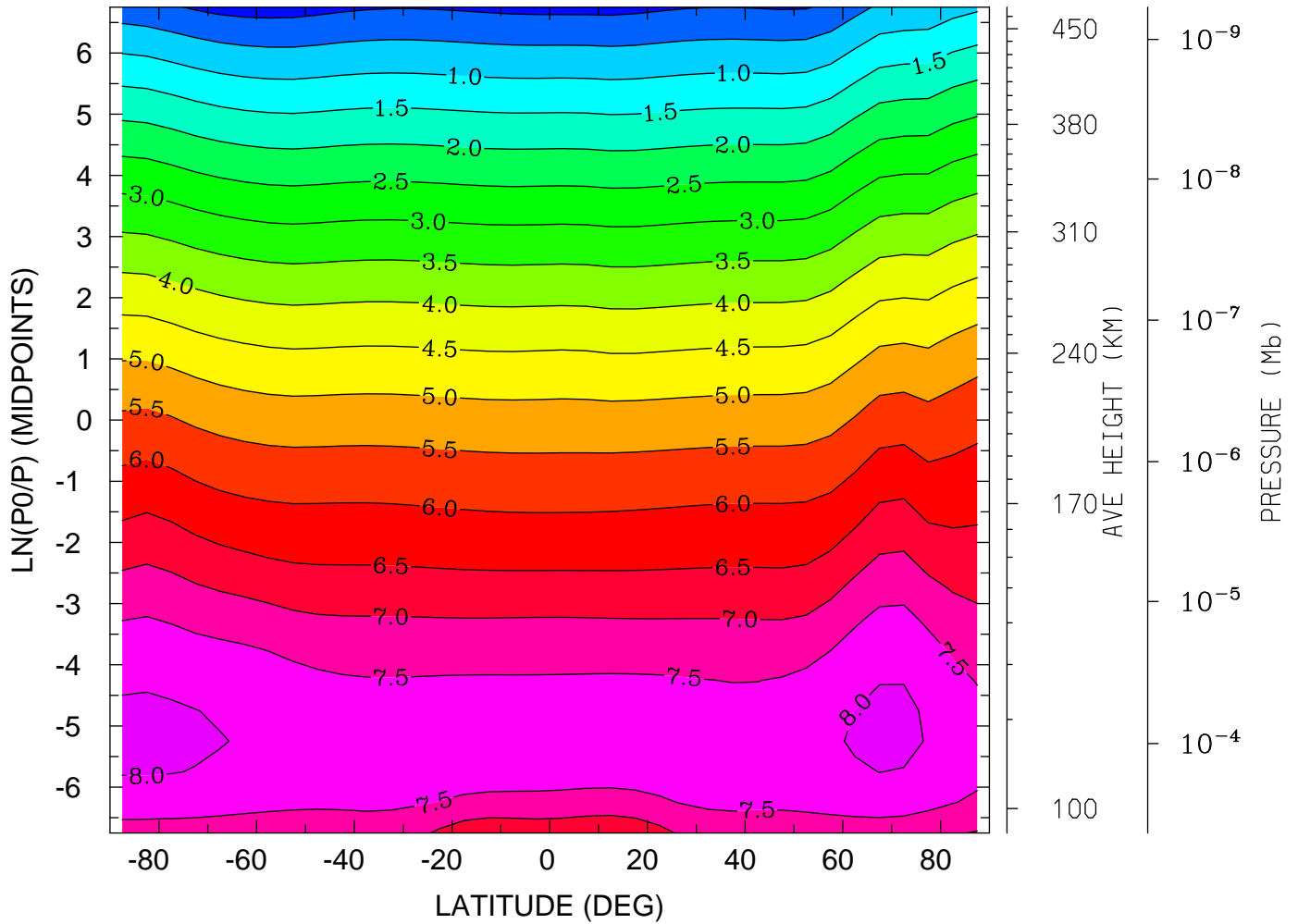
LOG10 NITRIC OXIDE (CM3)  
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= 2.2976E-01 8.1049E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)

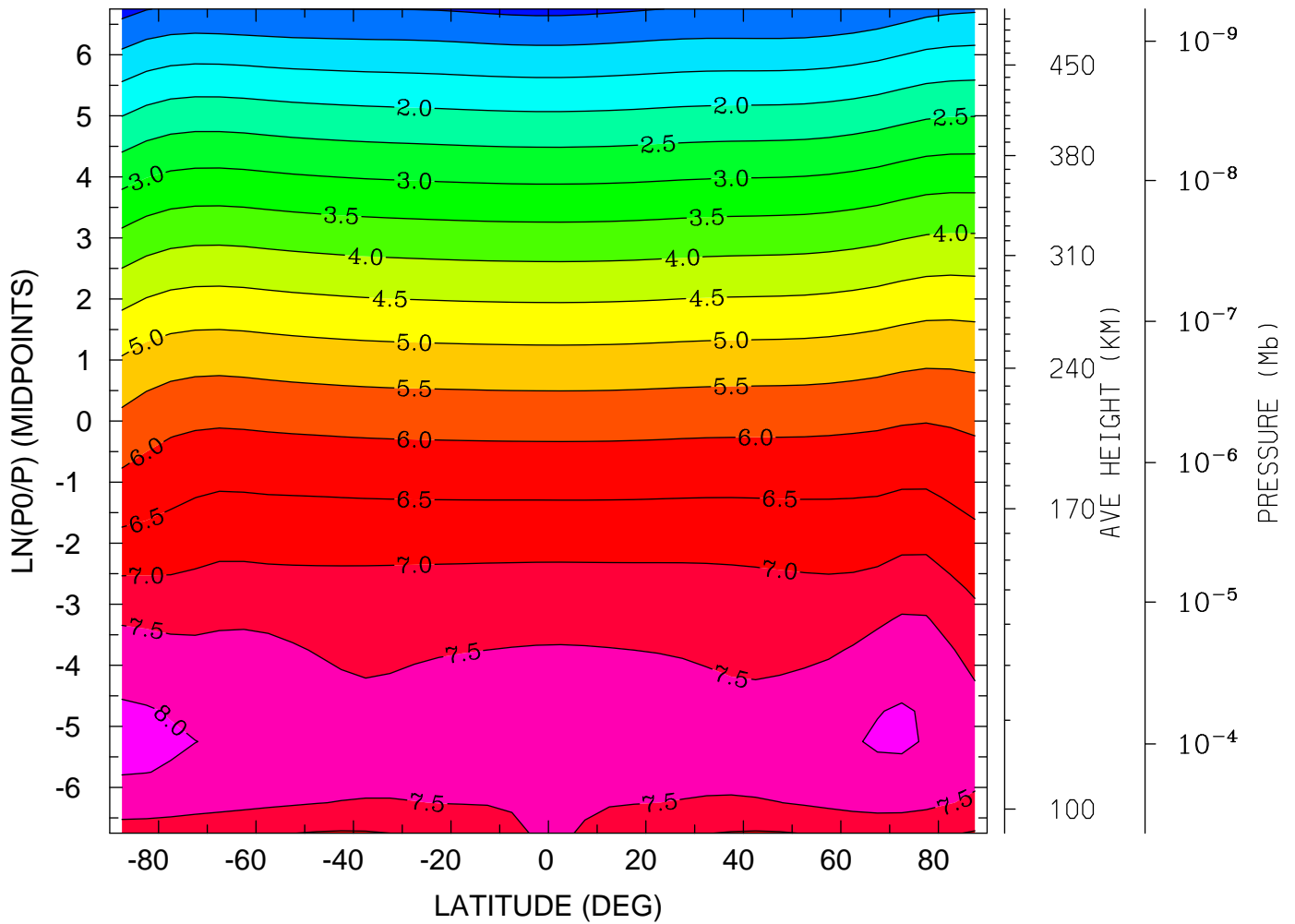
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



MIN,MAX= -1.9249E-01 8.1152E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

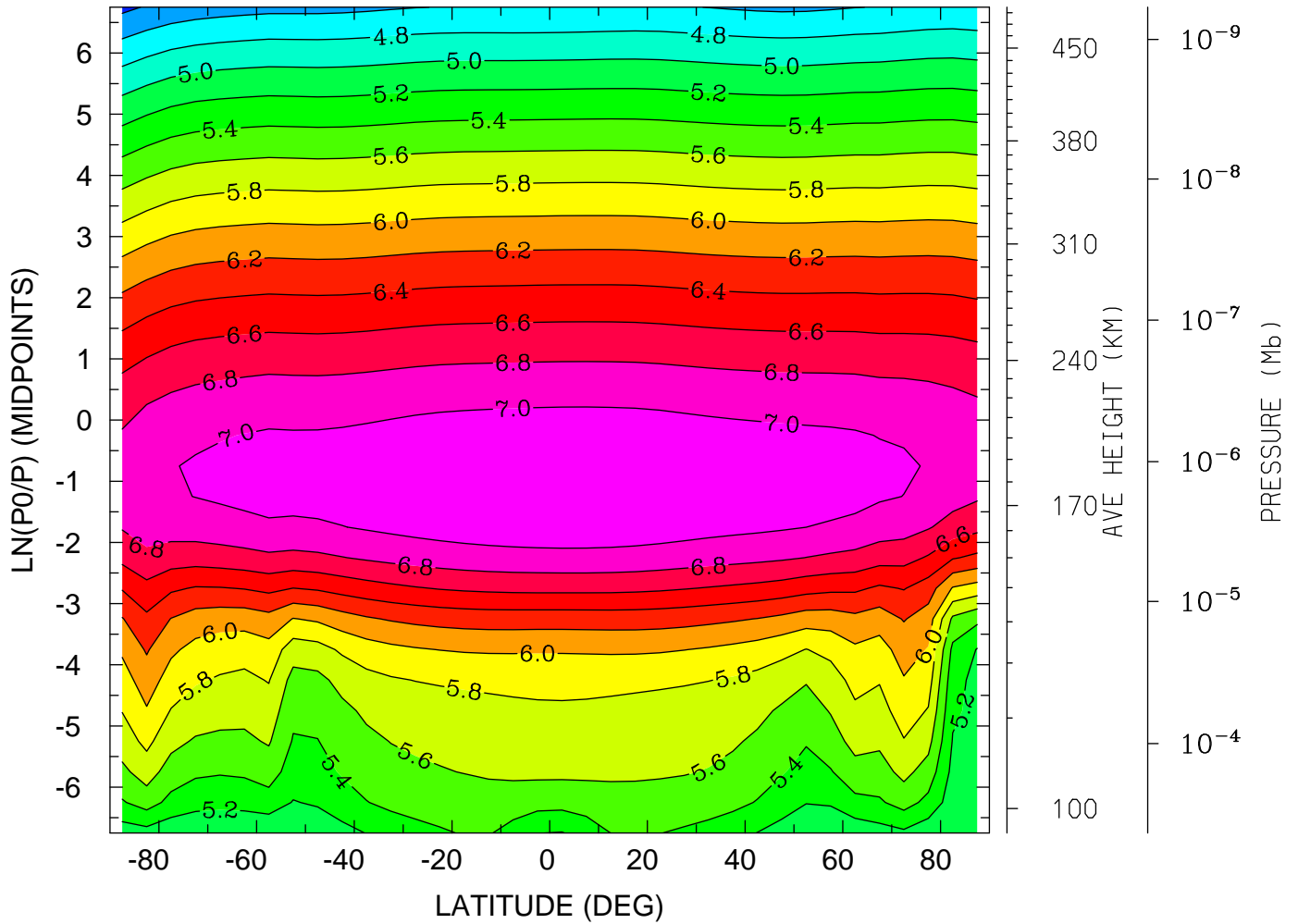


LOG10 NITRIC OXIDE (CM3)  
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= 3.3477E-01 8.1012E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

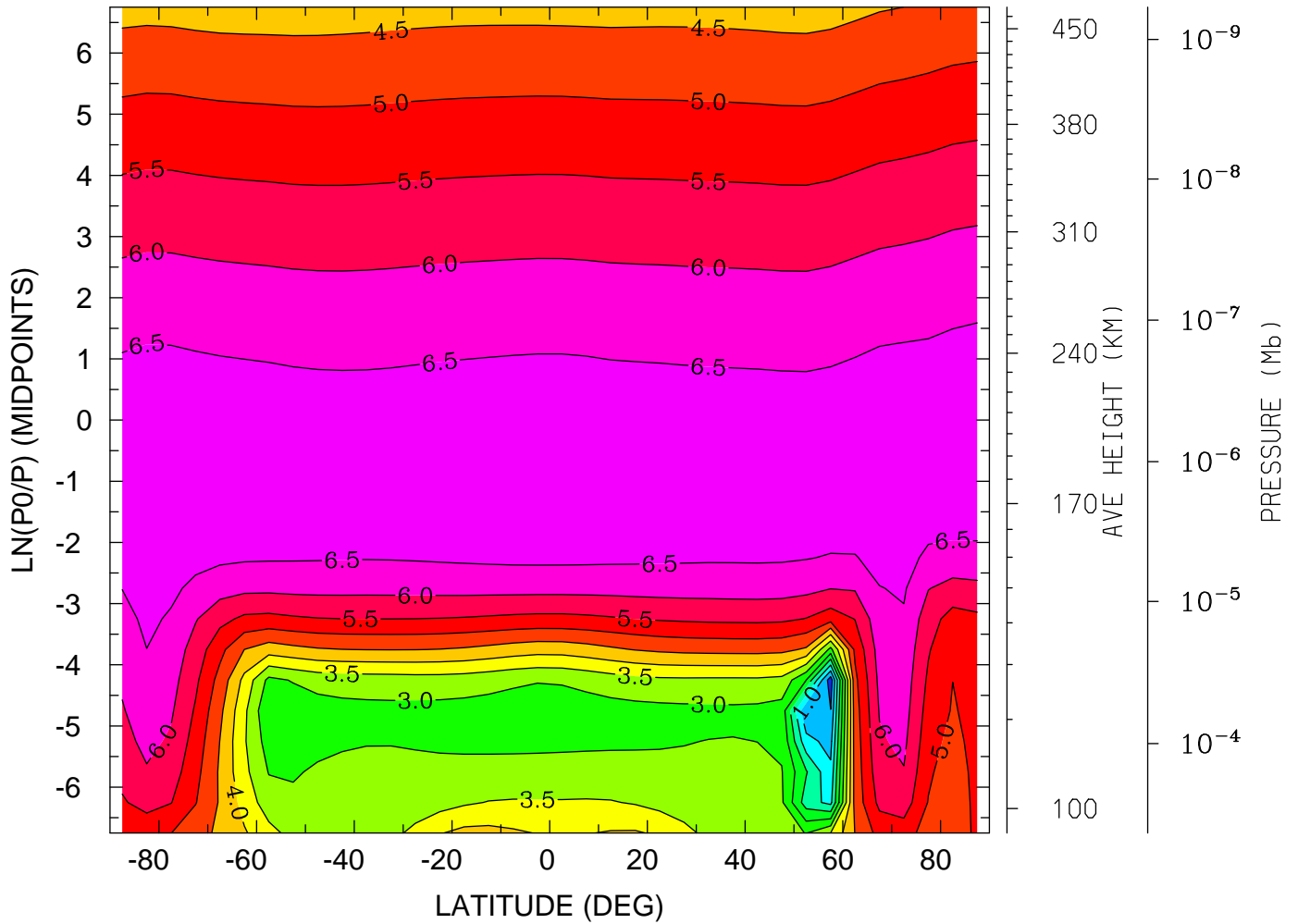
LOG10 N4S (CM3)  
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= 4.3514E+00 7.1859E+00 INTERVAL= 2.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)

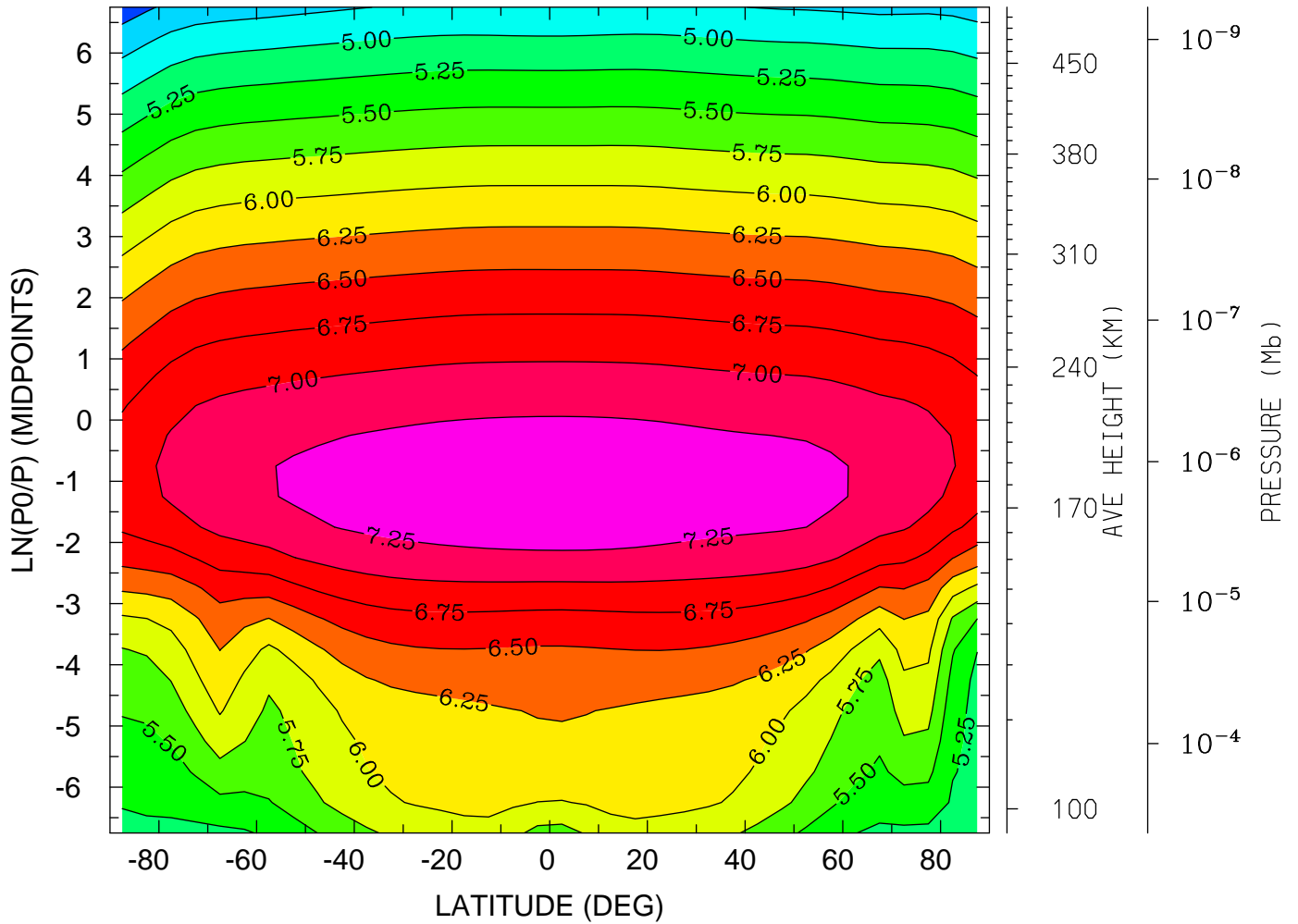
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



MIN,MAX= 2.0193E-01 6.9924E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

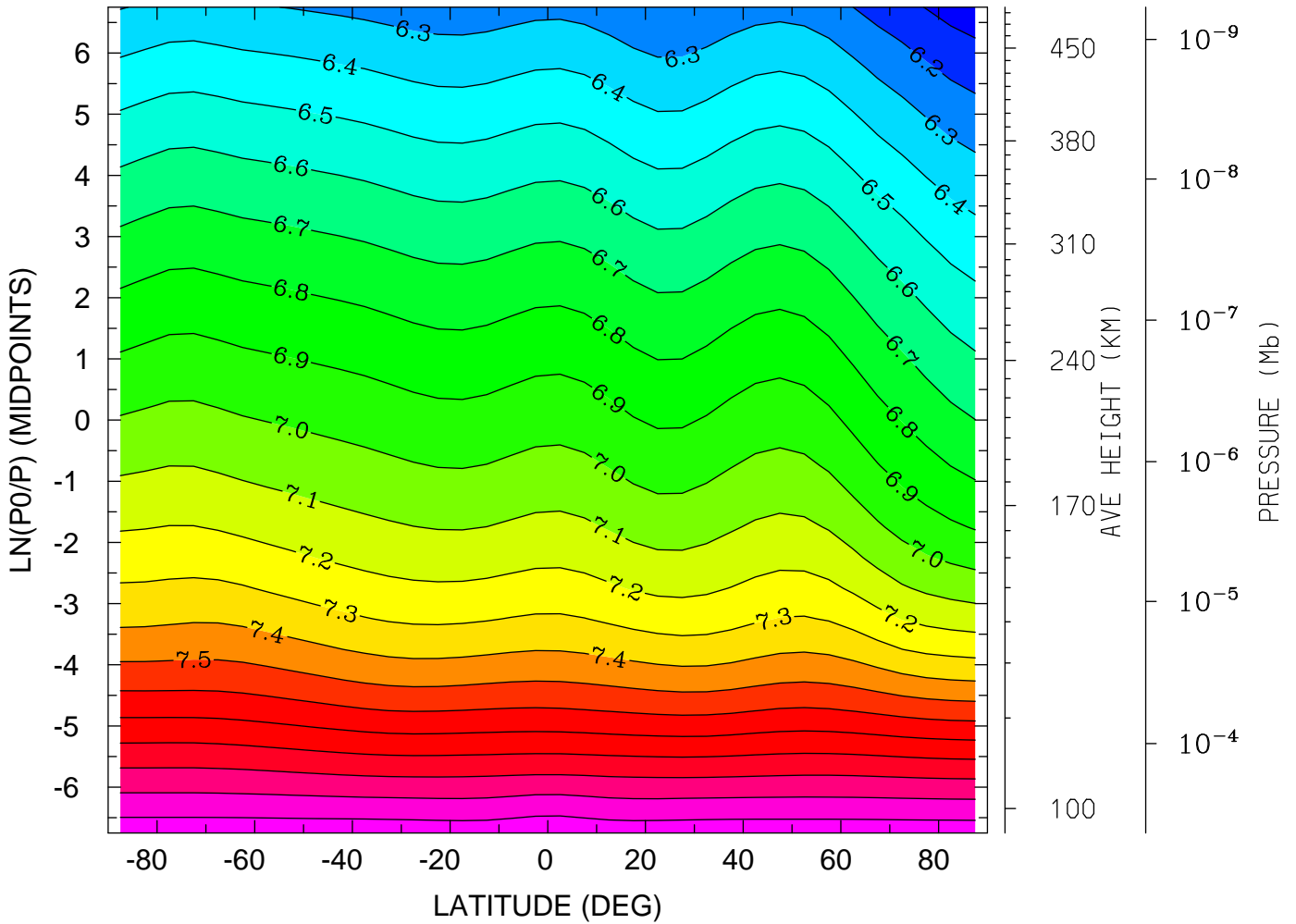
LOG10 N4S (CM3)

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



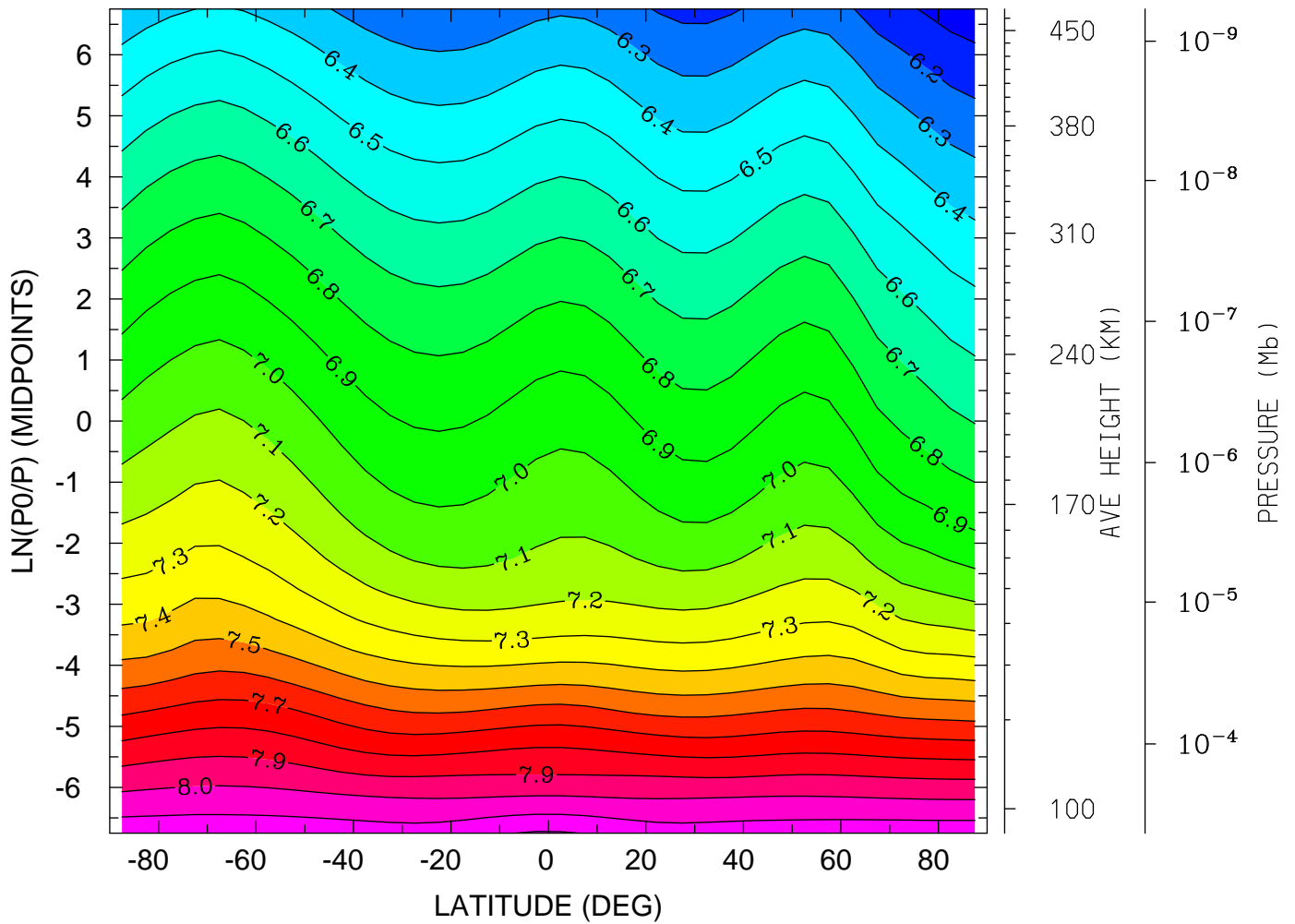
MIN,MAX= 4.3683E+00 7.4358E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



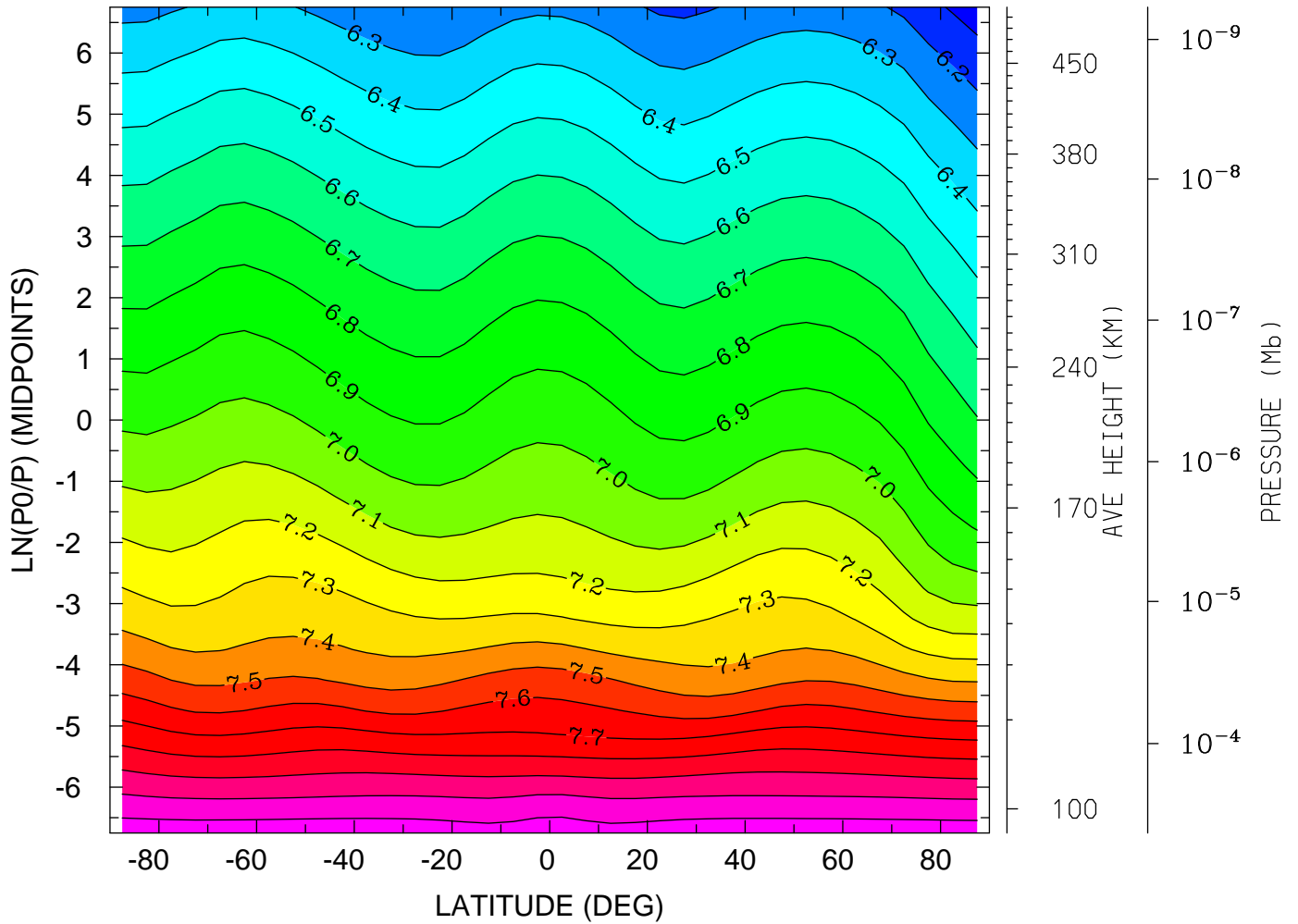
MIN,MAX= 6.0408E+00 8.1768E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



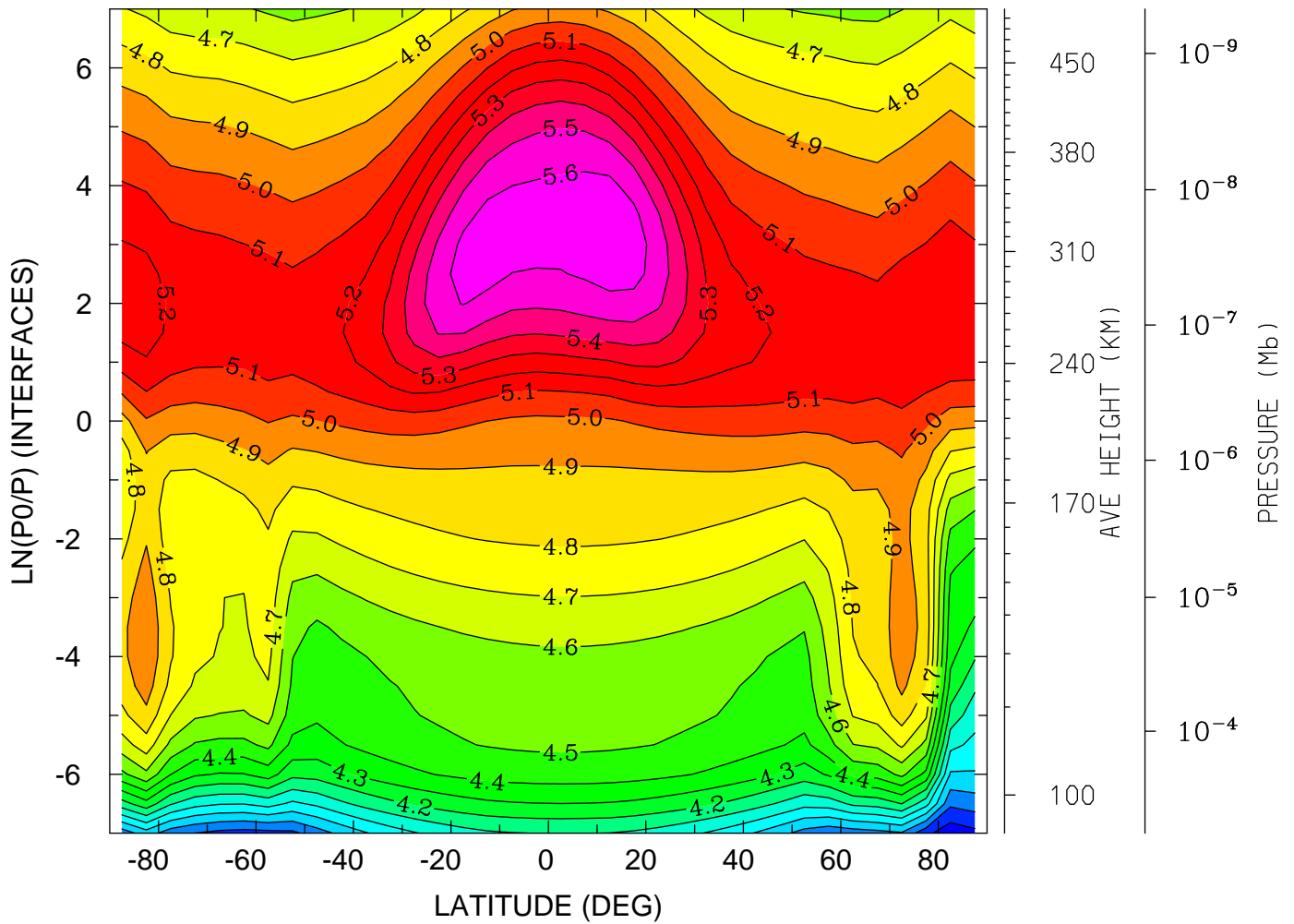
MIN,MAX= 6.0352E+00 8.2100E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 6.0462E+00 8.1661E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

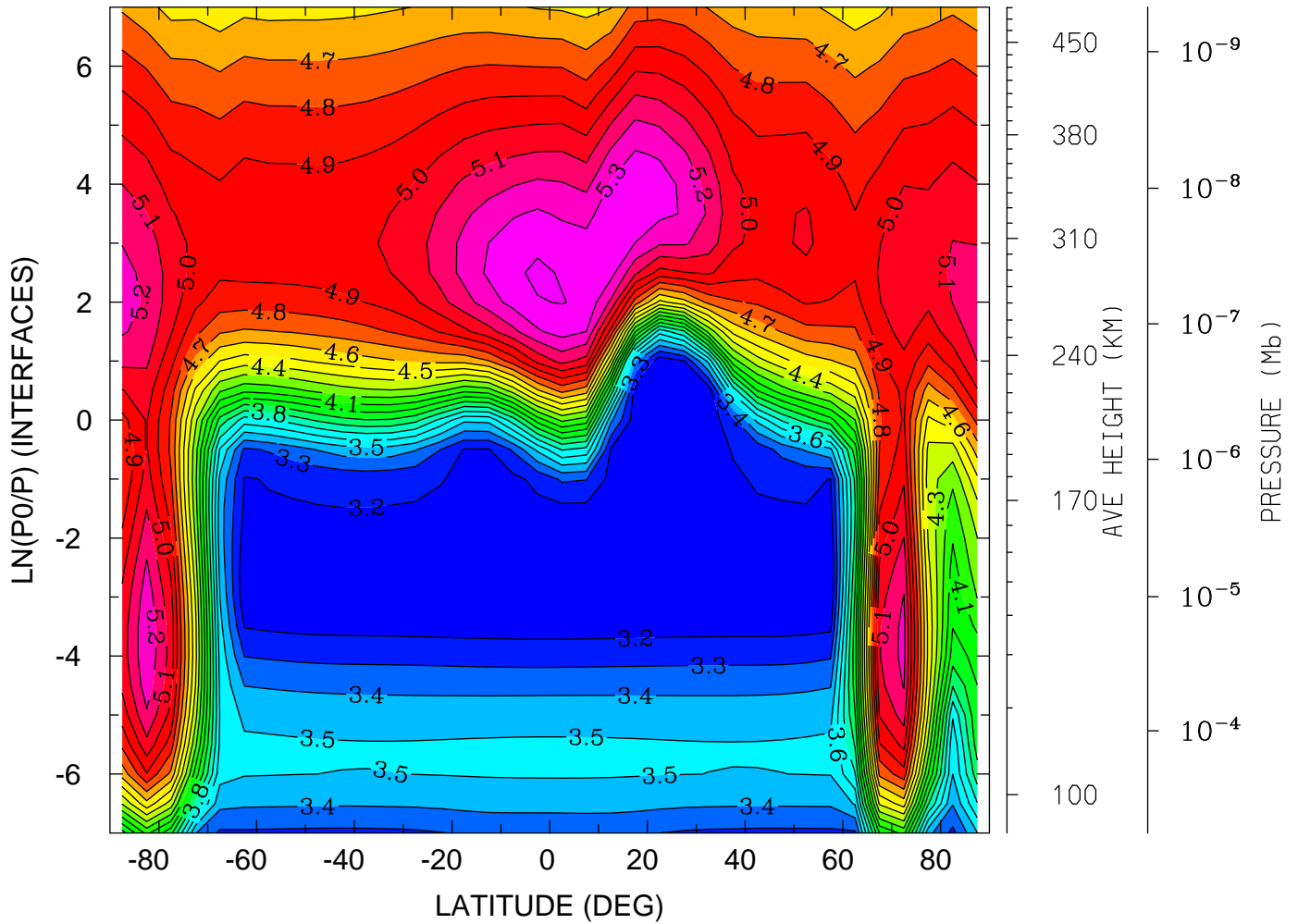
LOG10 ELECTRON DENSITY (CM3)  
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= 3.5312E+00 5.6775E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

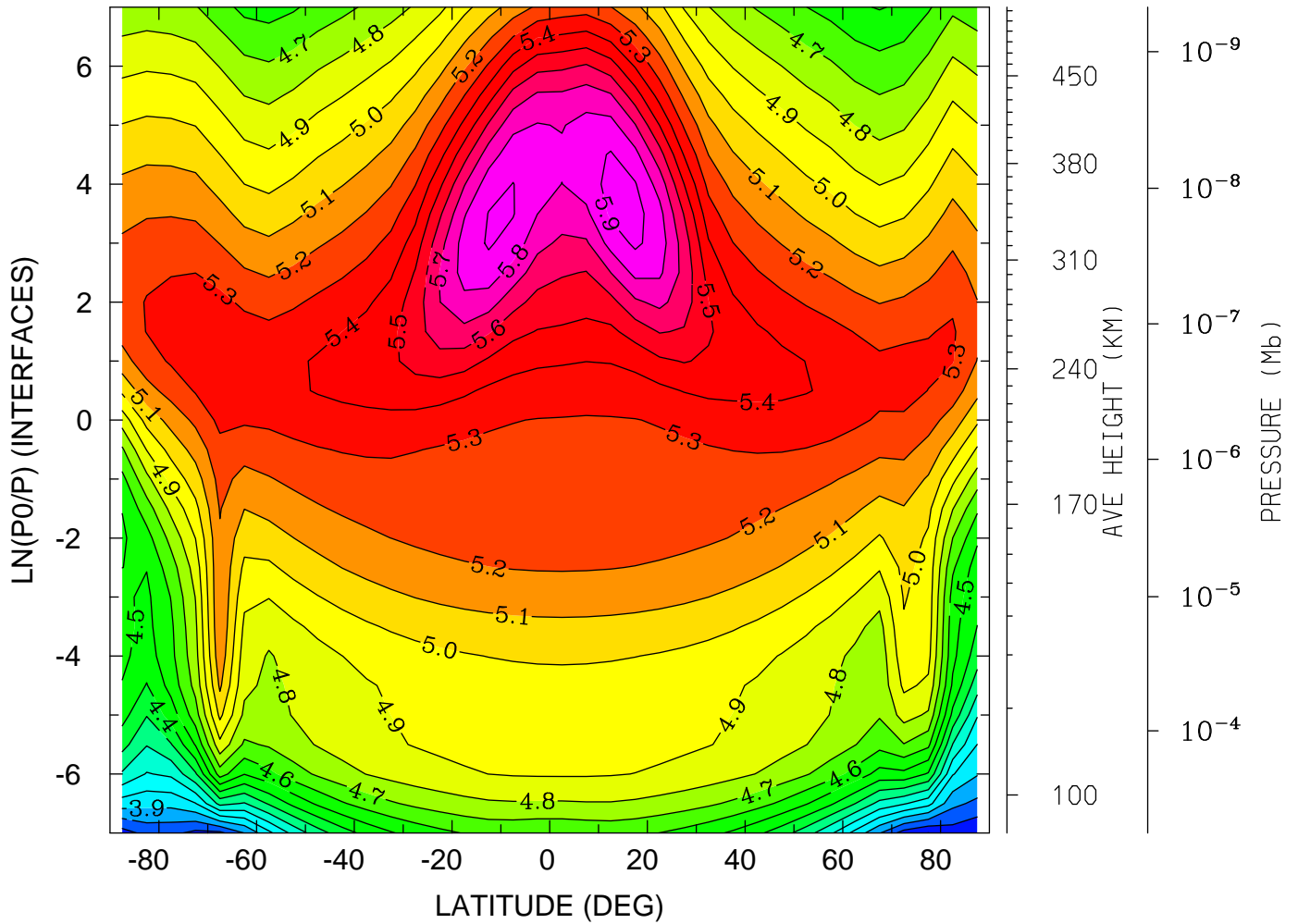


LOG10 ELECTRON DENSITY (CM3)  
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



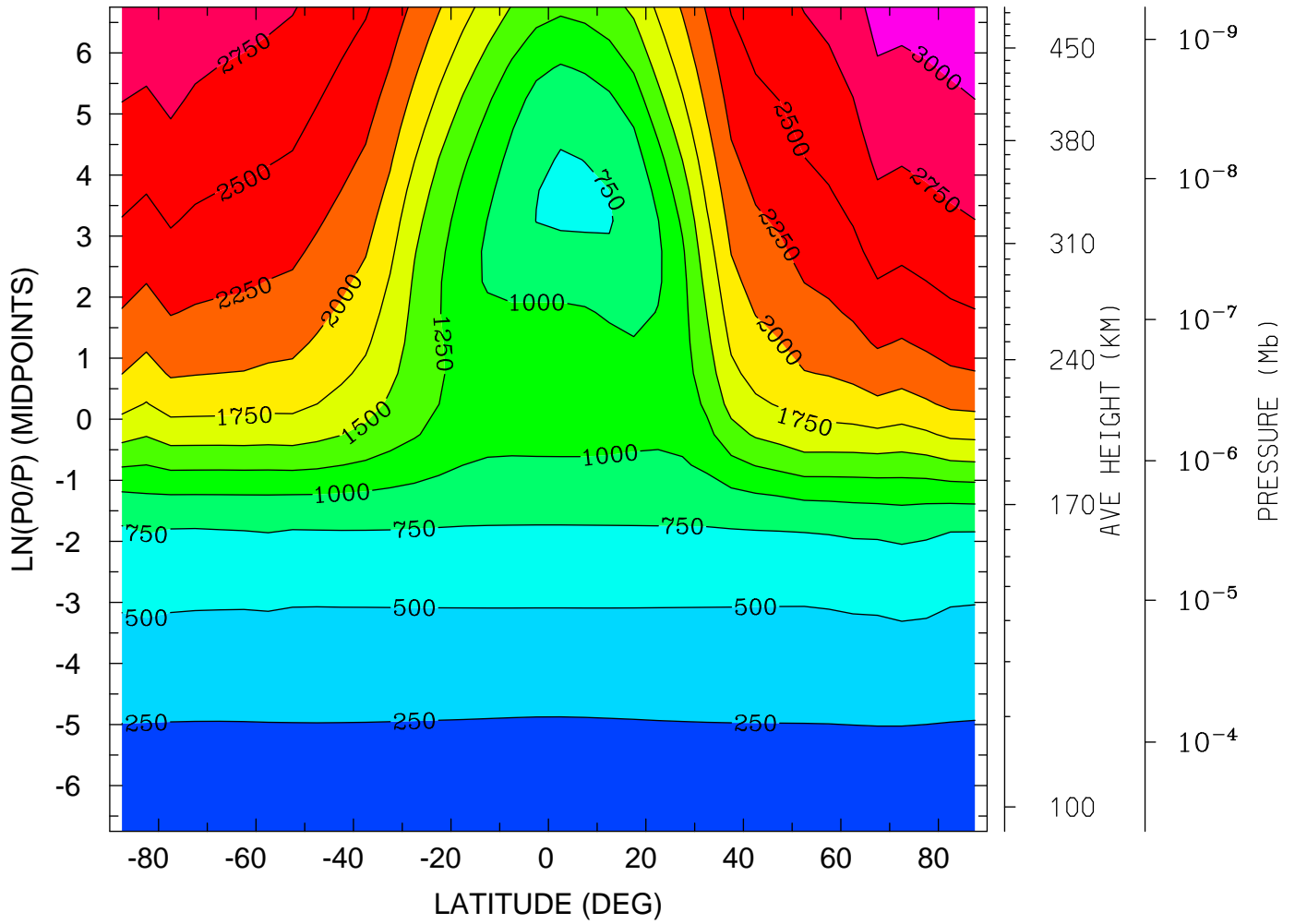
MIN,MAX= 3.0989E+00 5.4157E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



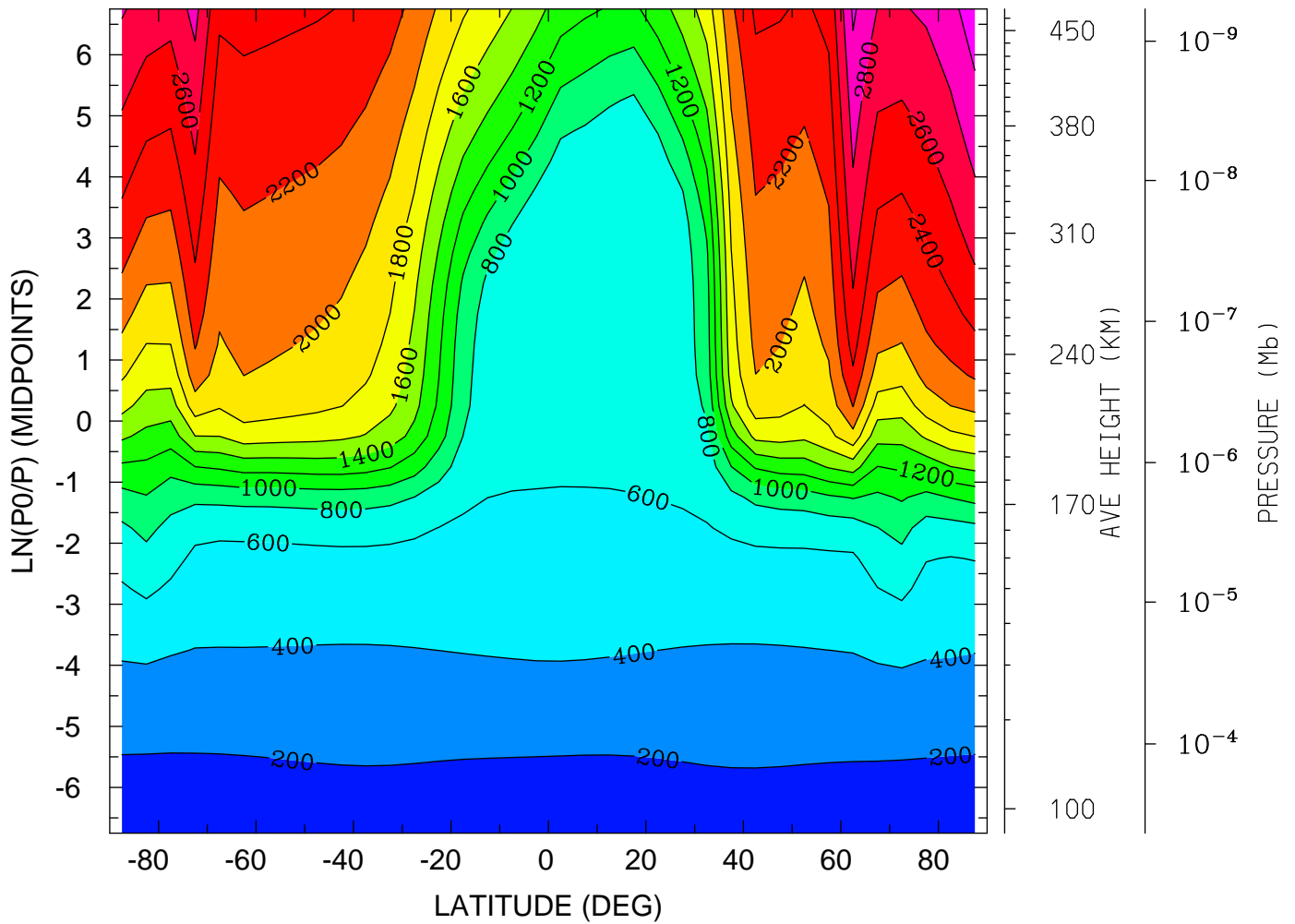
MIN,MAX= 3.5977E+00 5.9392E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



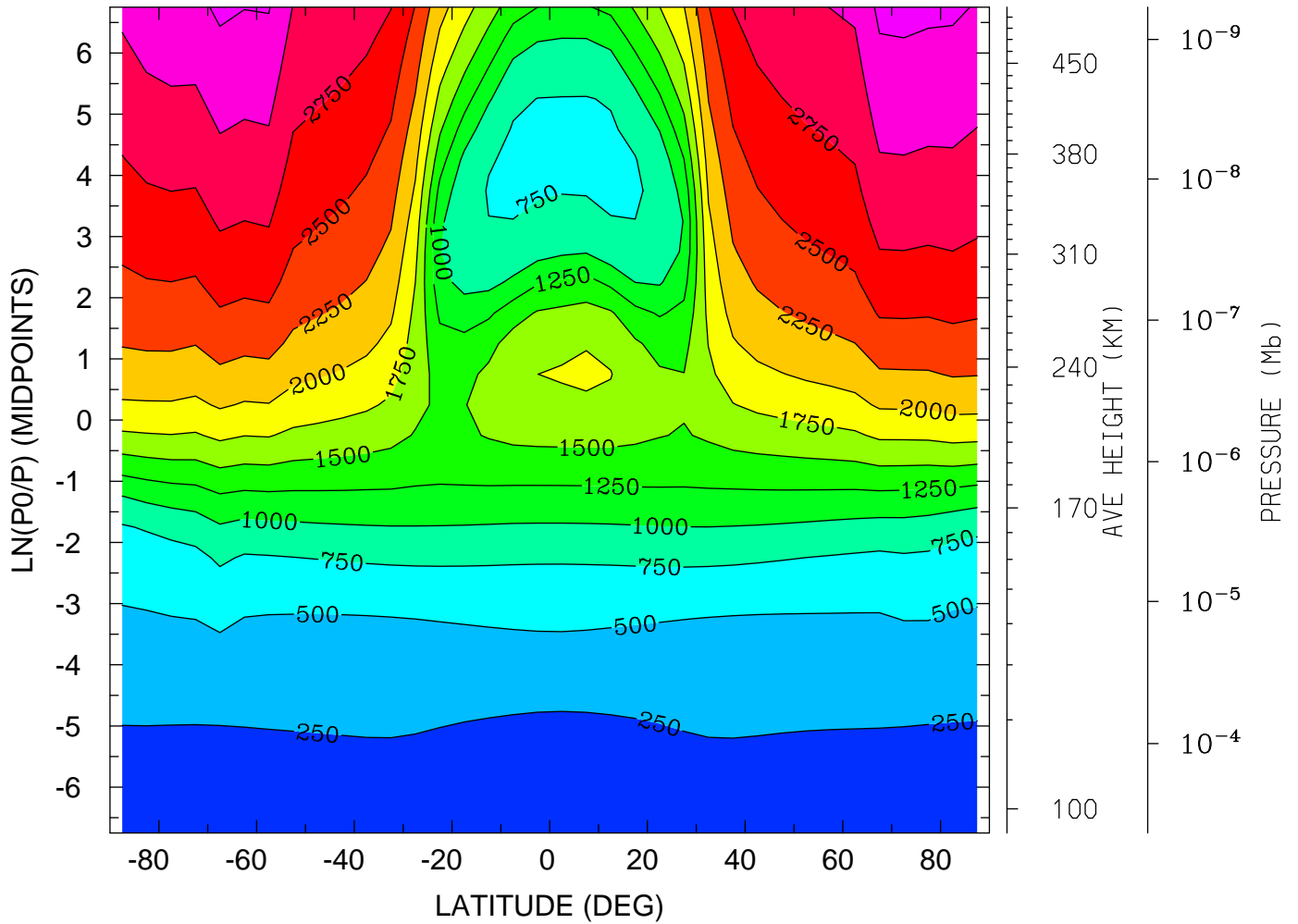
MIN,MAX= 1.6180E+02 3.1736E+03 INTERVAL= 2.5000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



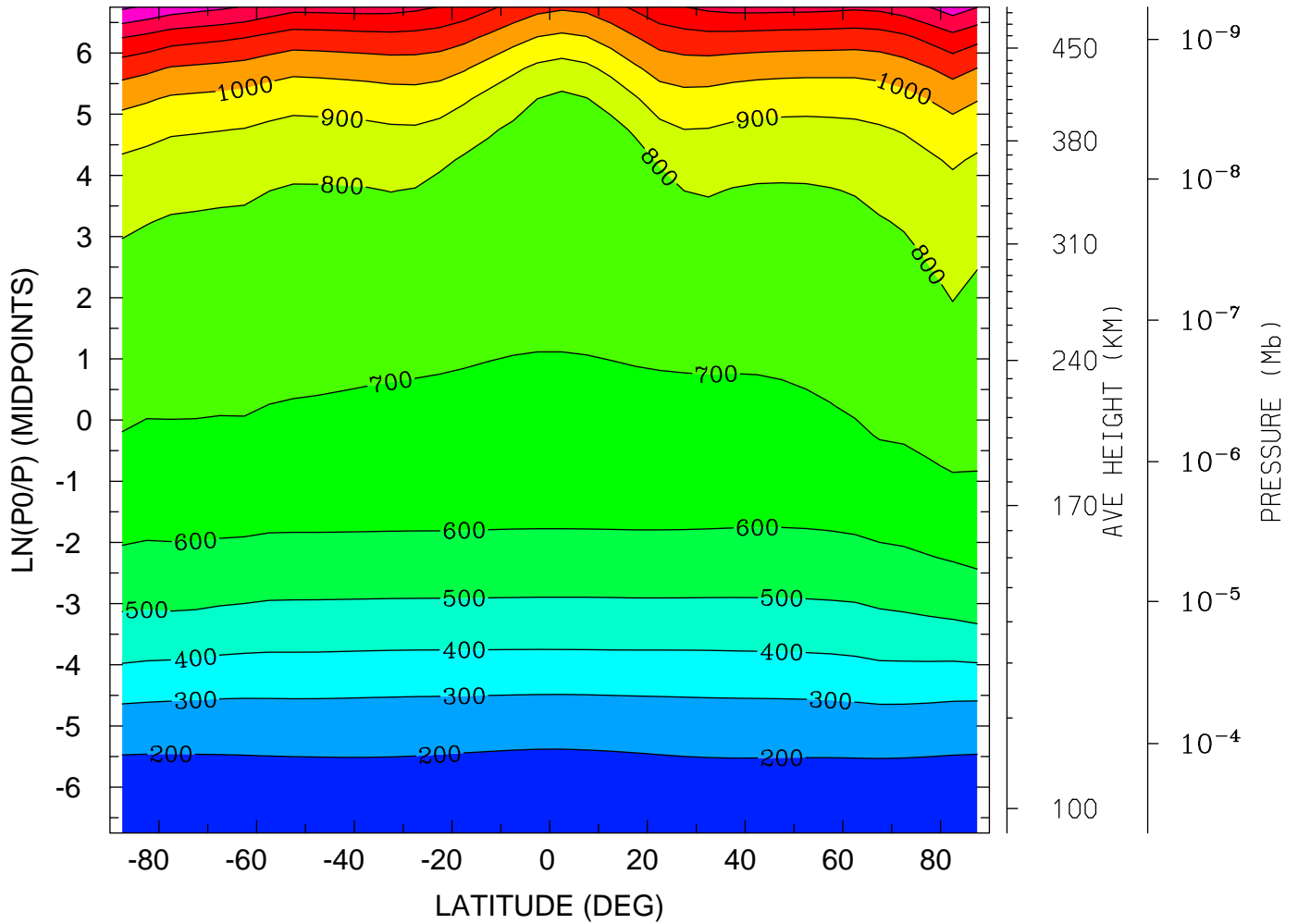
MIN,MAX= 1.4837E+02 3.1111E+03 INTERVAL= 2.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



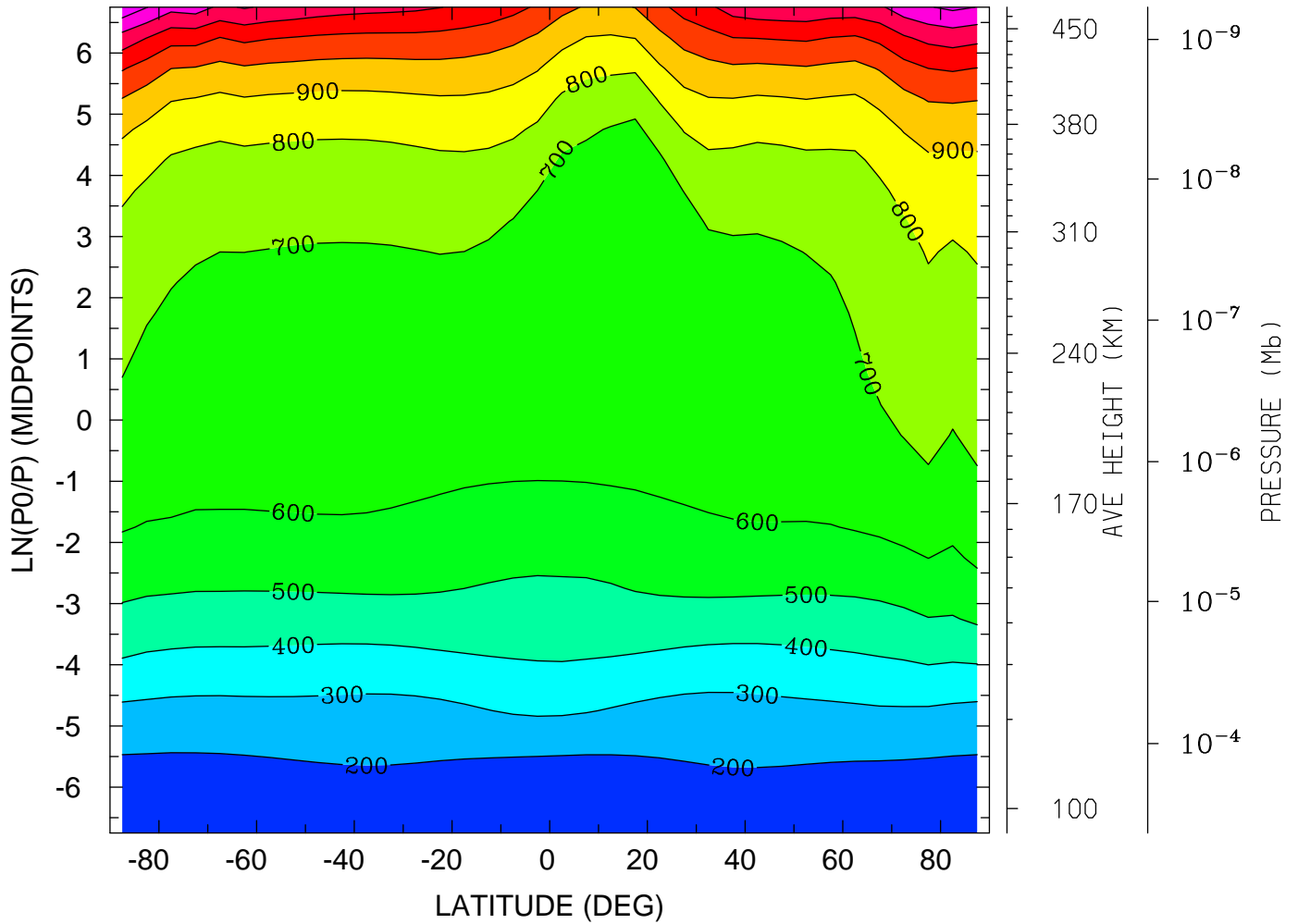
MIN,MAX= 1.6307E+02 3.3139E+03 INTERVAL= 2.5000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



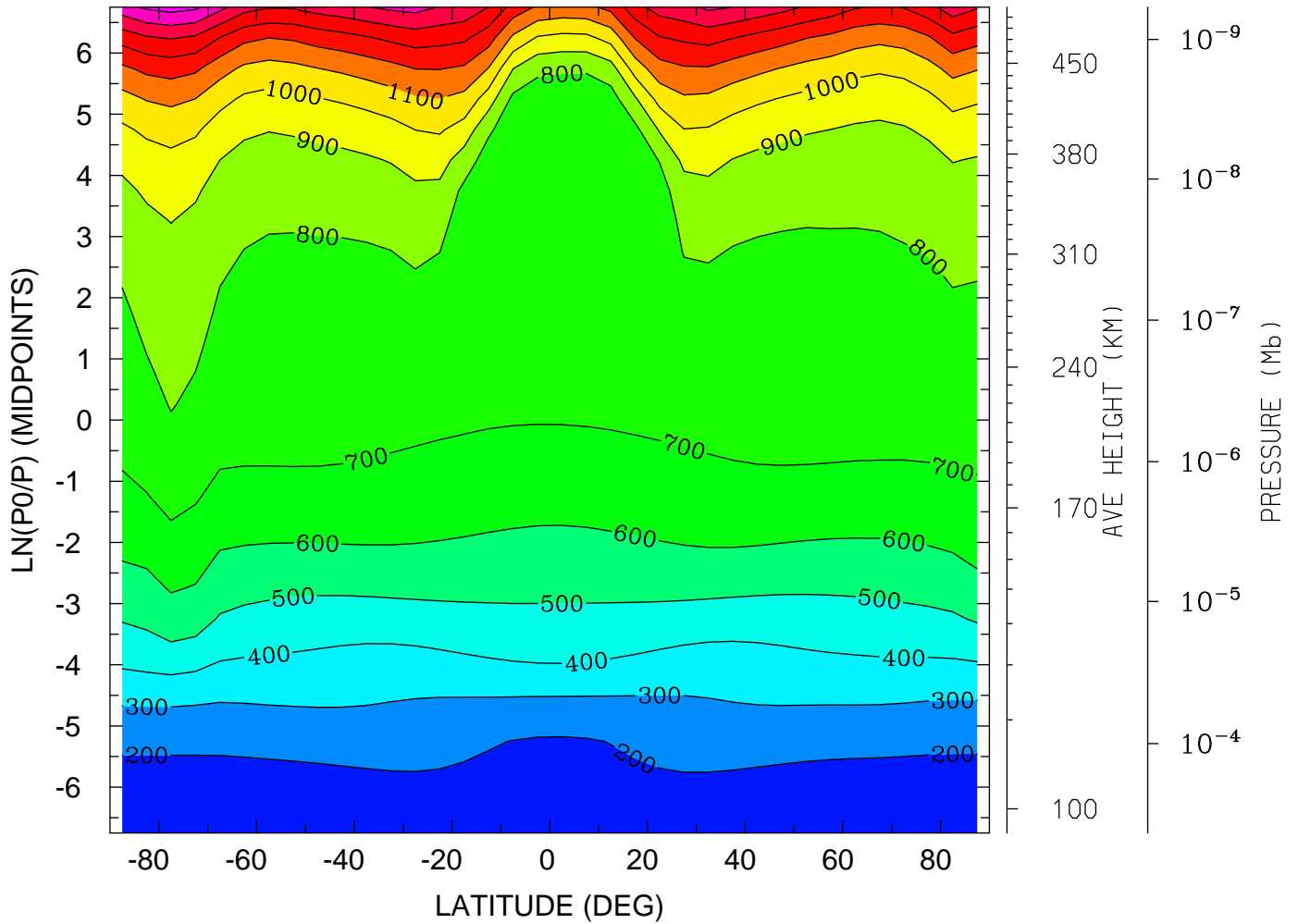
MIN,MAX= 1.6177E+02 1.5158E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 1.4837E+02 1.4737E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

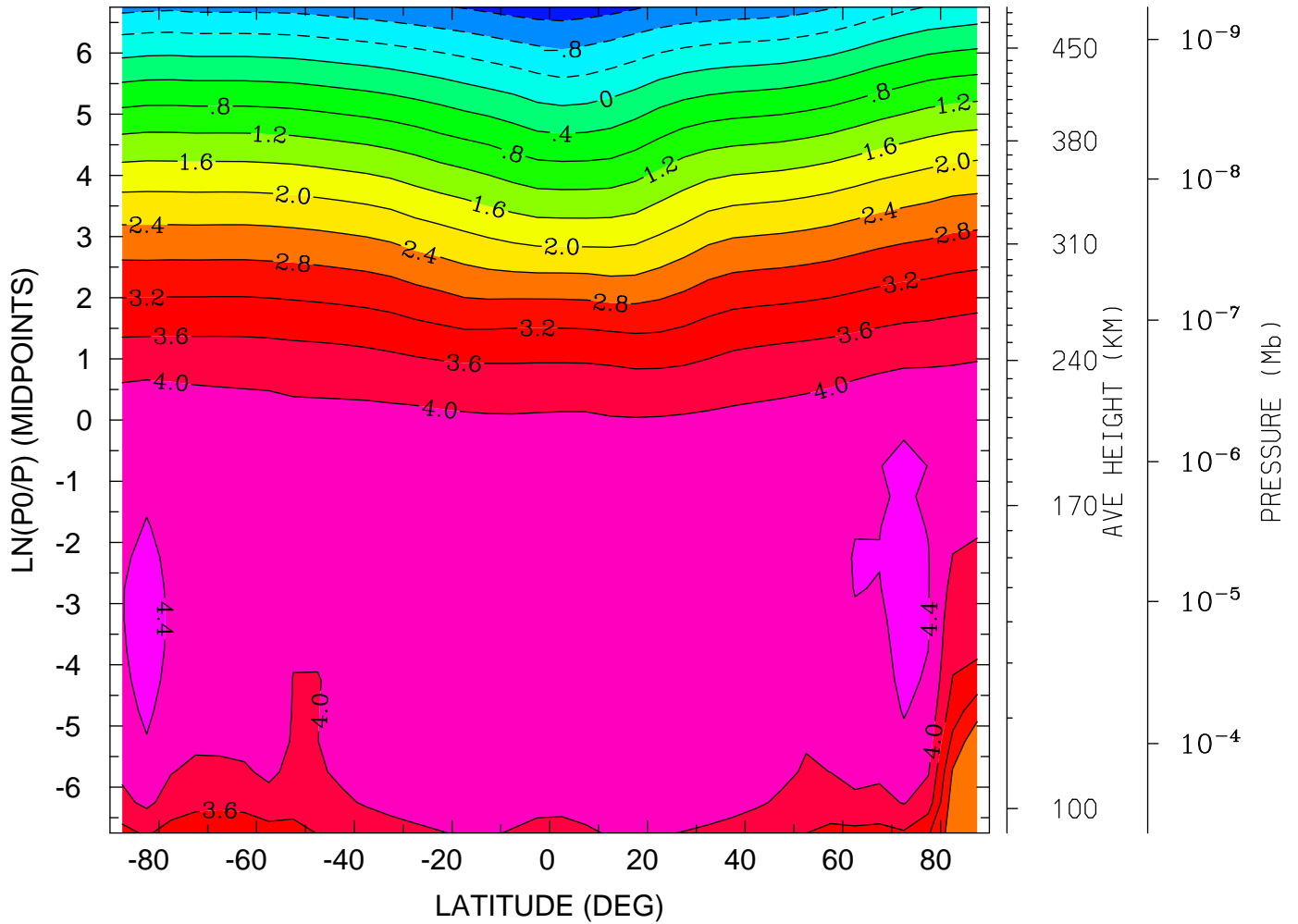
ION TEMPERATURE (DEG K)  
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= 1.6323E+02 1.6386E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

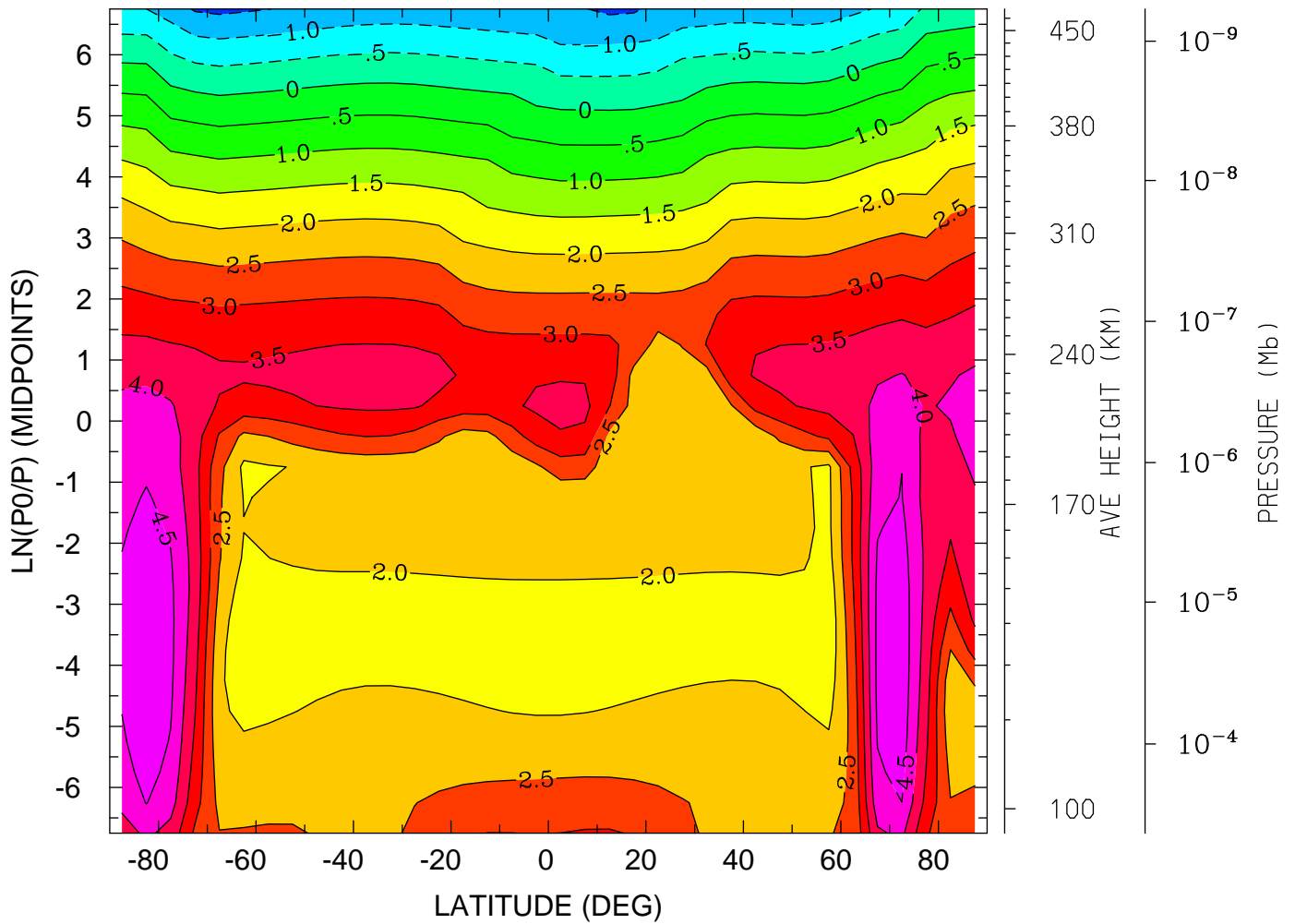


LOG10 O2+ ION (CM3)  
YEAR 2002 UT= 0.00 ZONAL MEANS



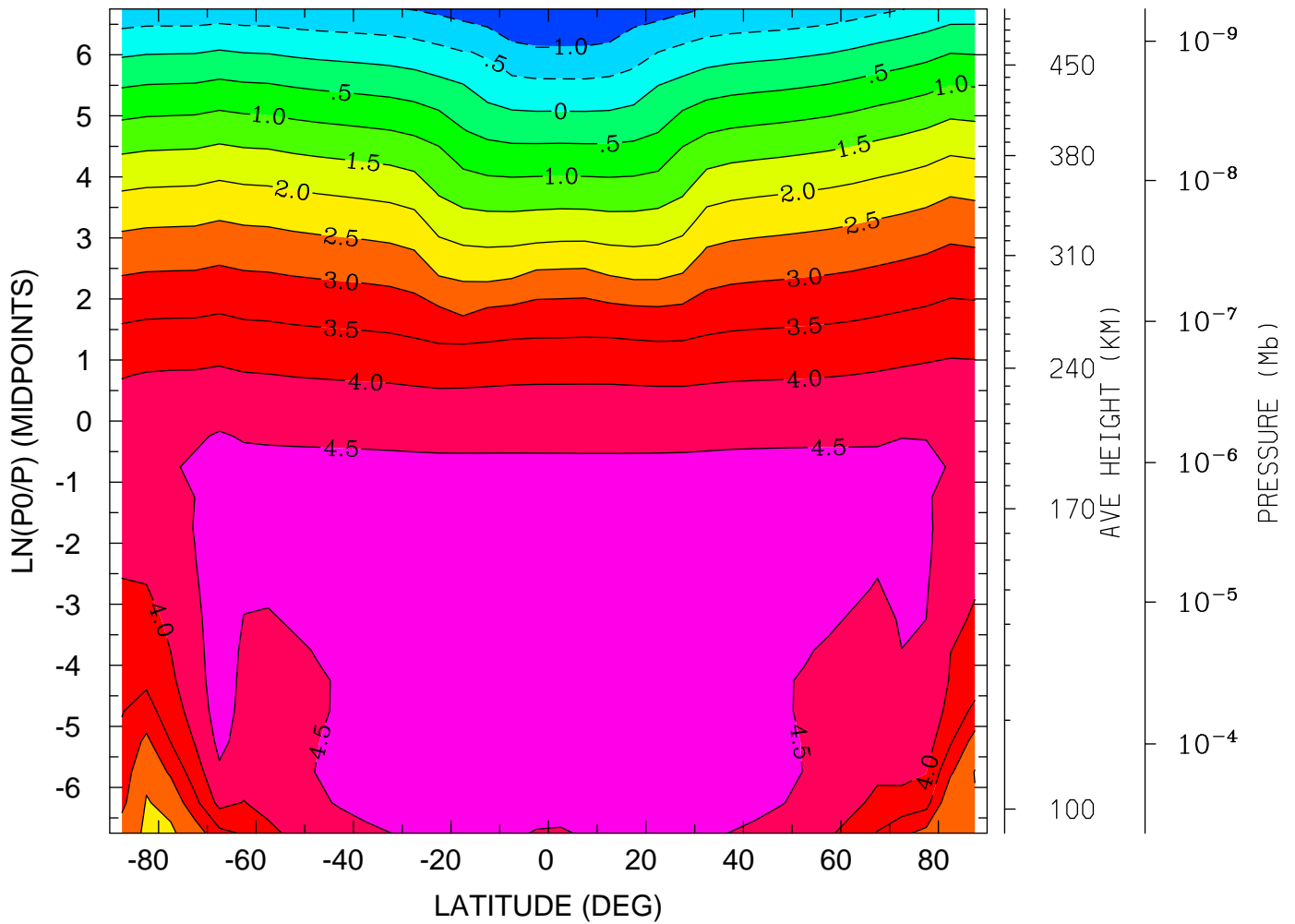
MIN,MAX= -1.3940E+00 4.5416E+00 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



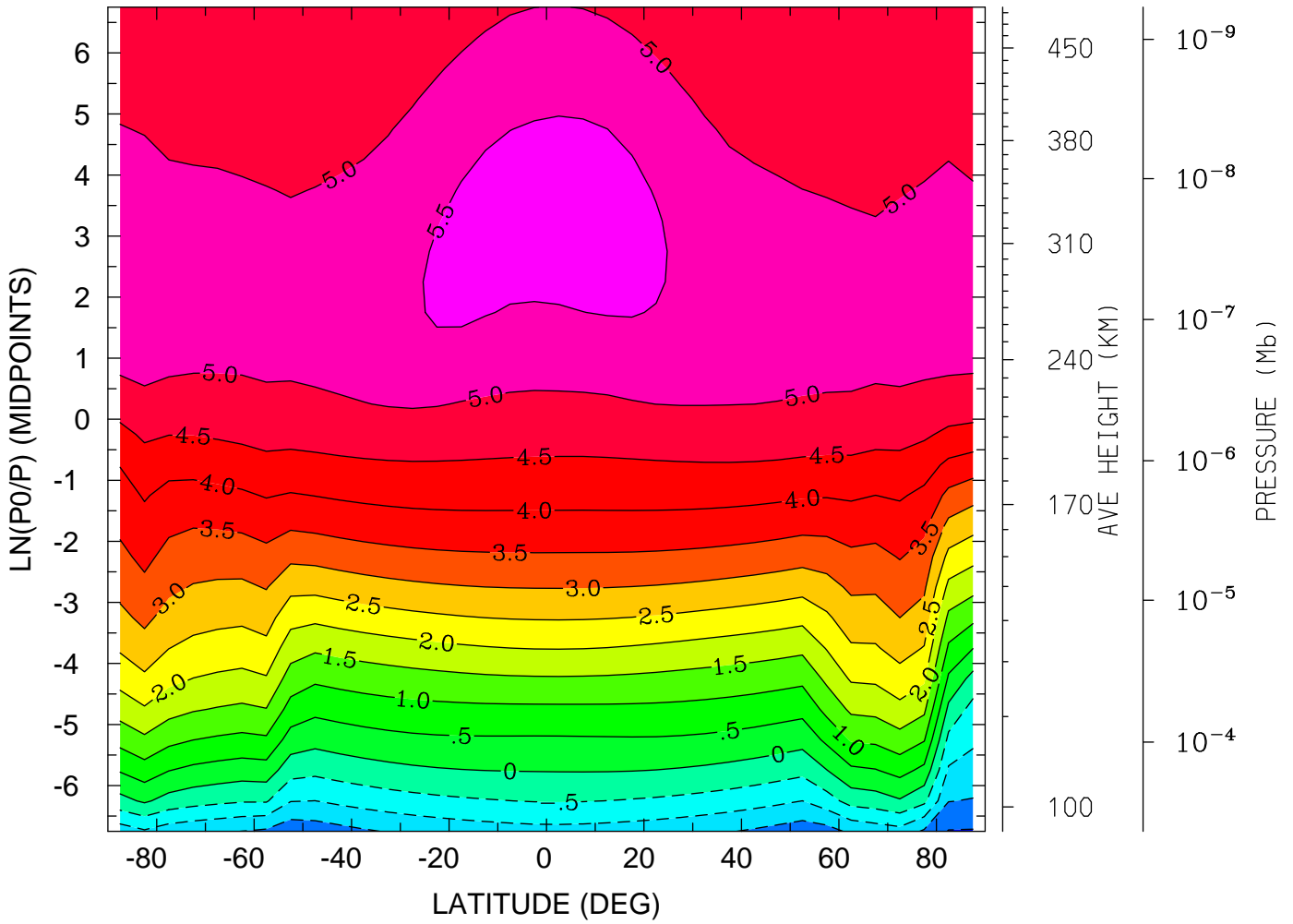
MIN,MAX= -1.6117E+00 4.8889E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



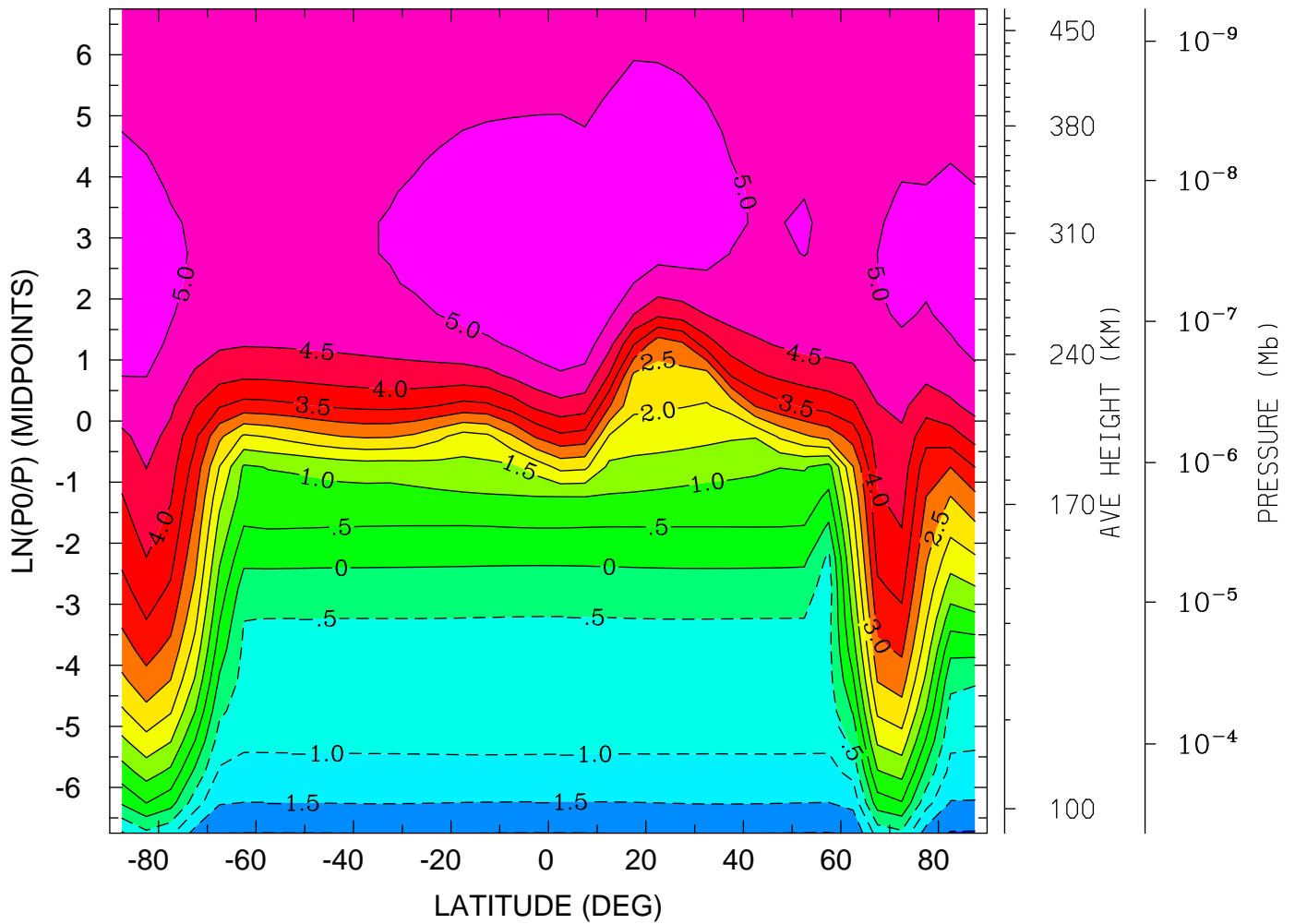
MIN,MAX= -1.4700E+00 4.8359E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



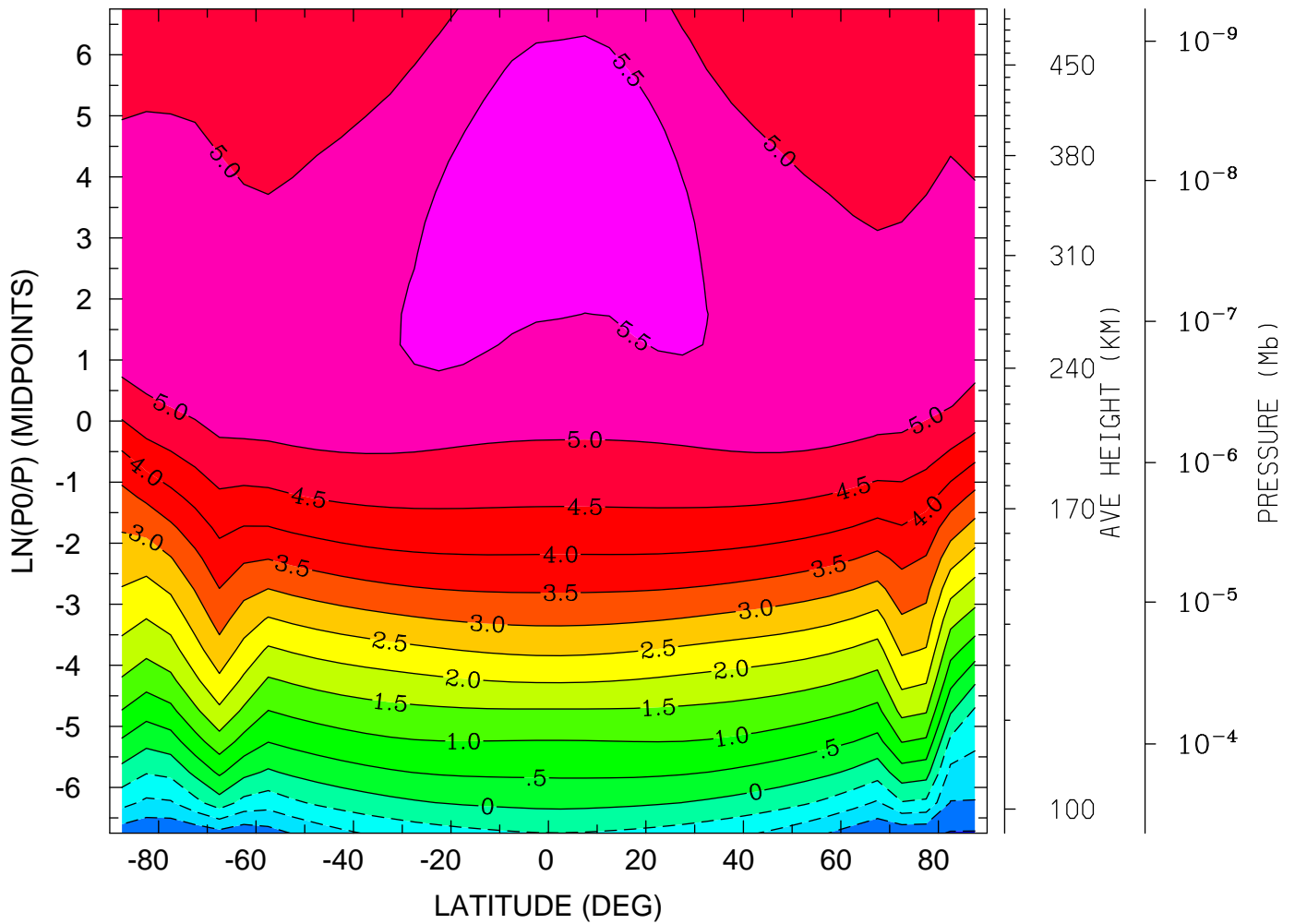
MIN,MAX= -2.0355E+00 5.6802E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



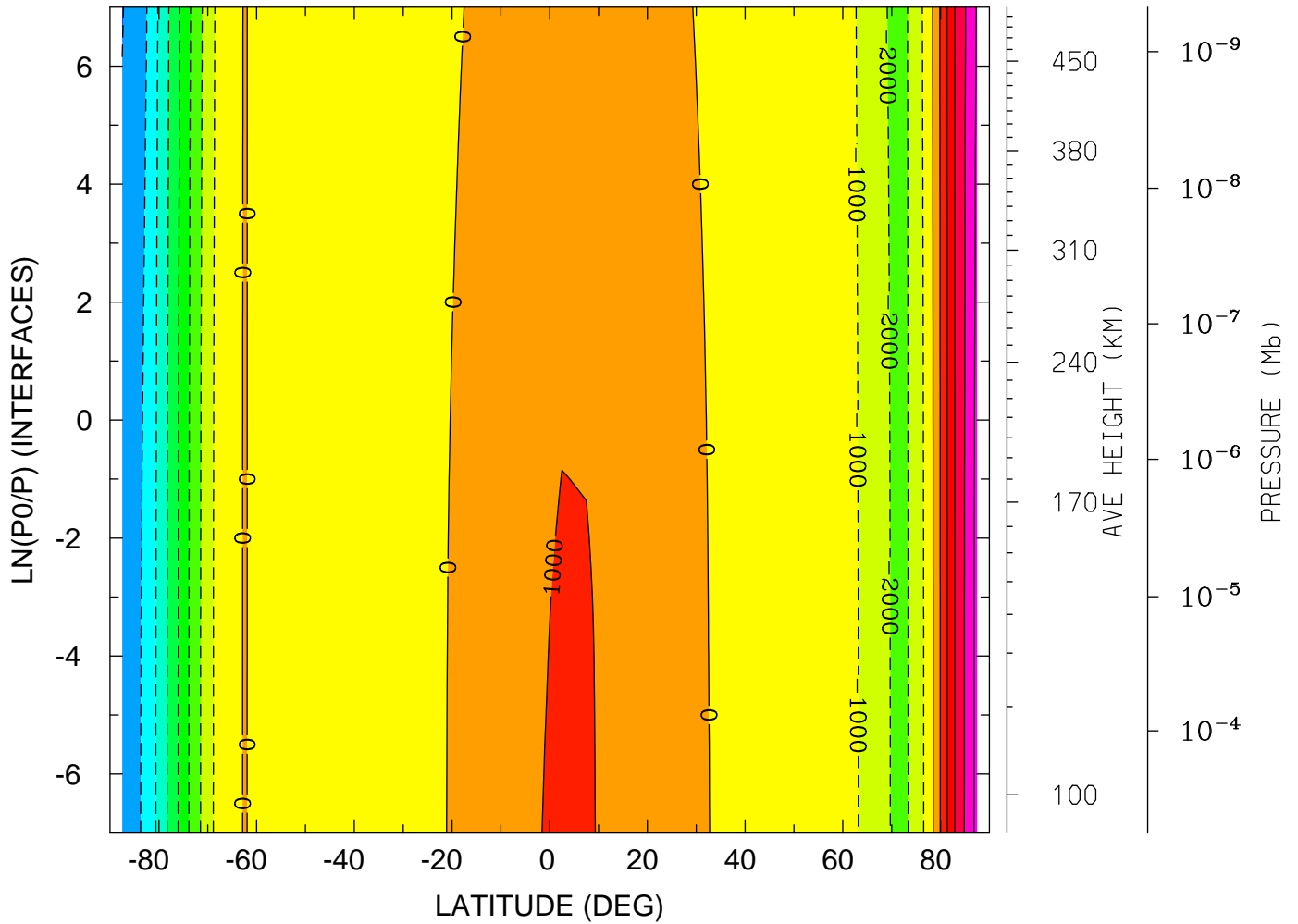
MIN,MAX= -2.0348E+00 5.4199E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= -2.0361E+00 5.9402E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

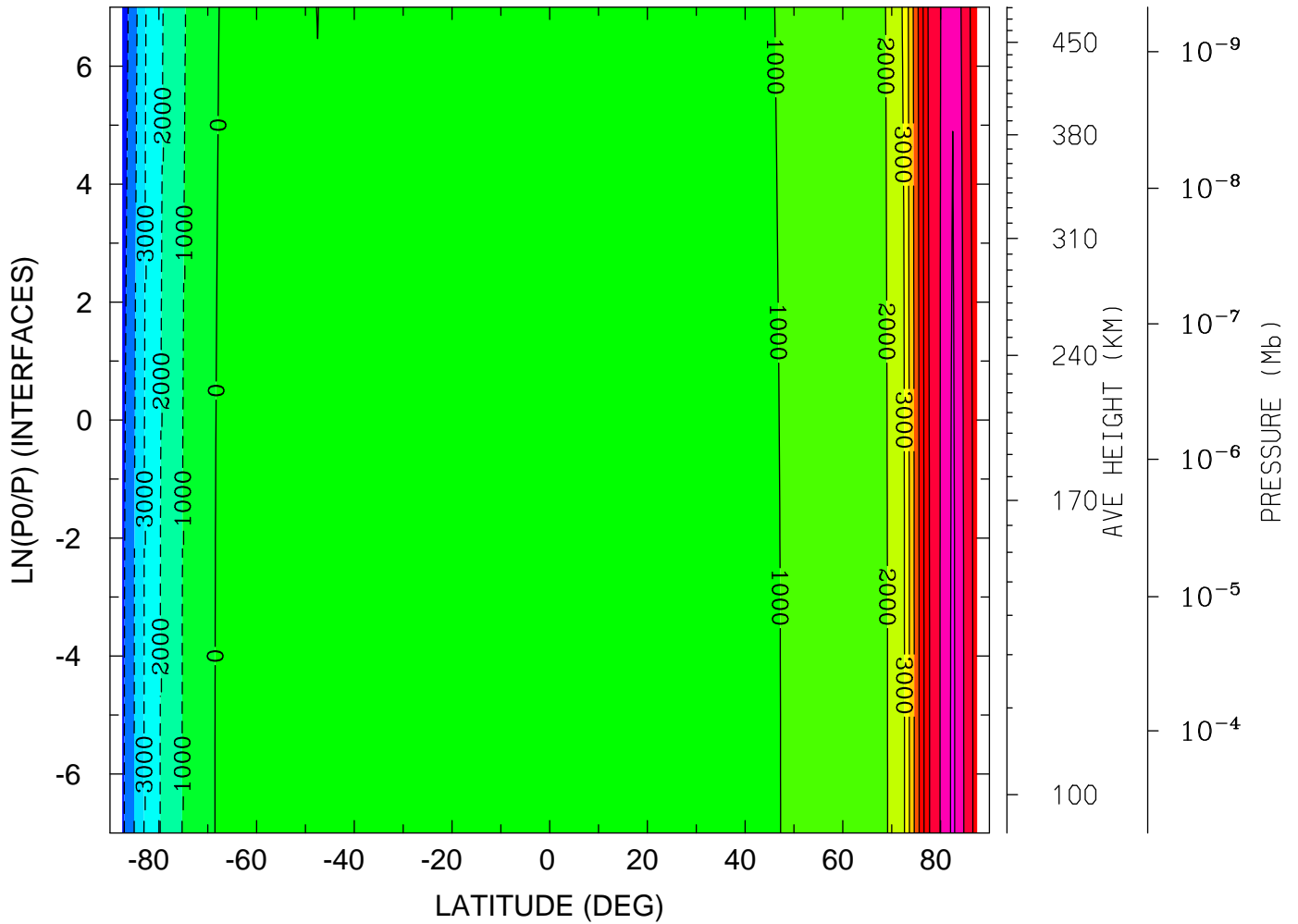
ELECTRIC POTENTIAL (VOLTS)  
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= -8.0521E+03 5.3275E+03 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)

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

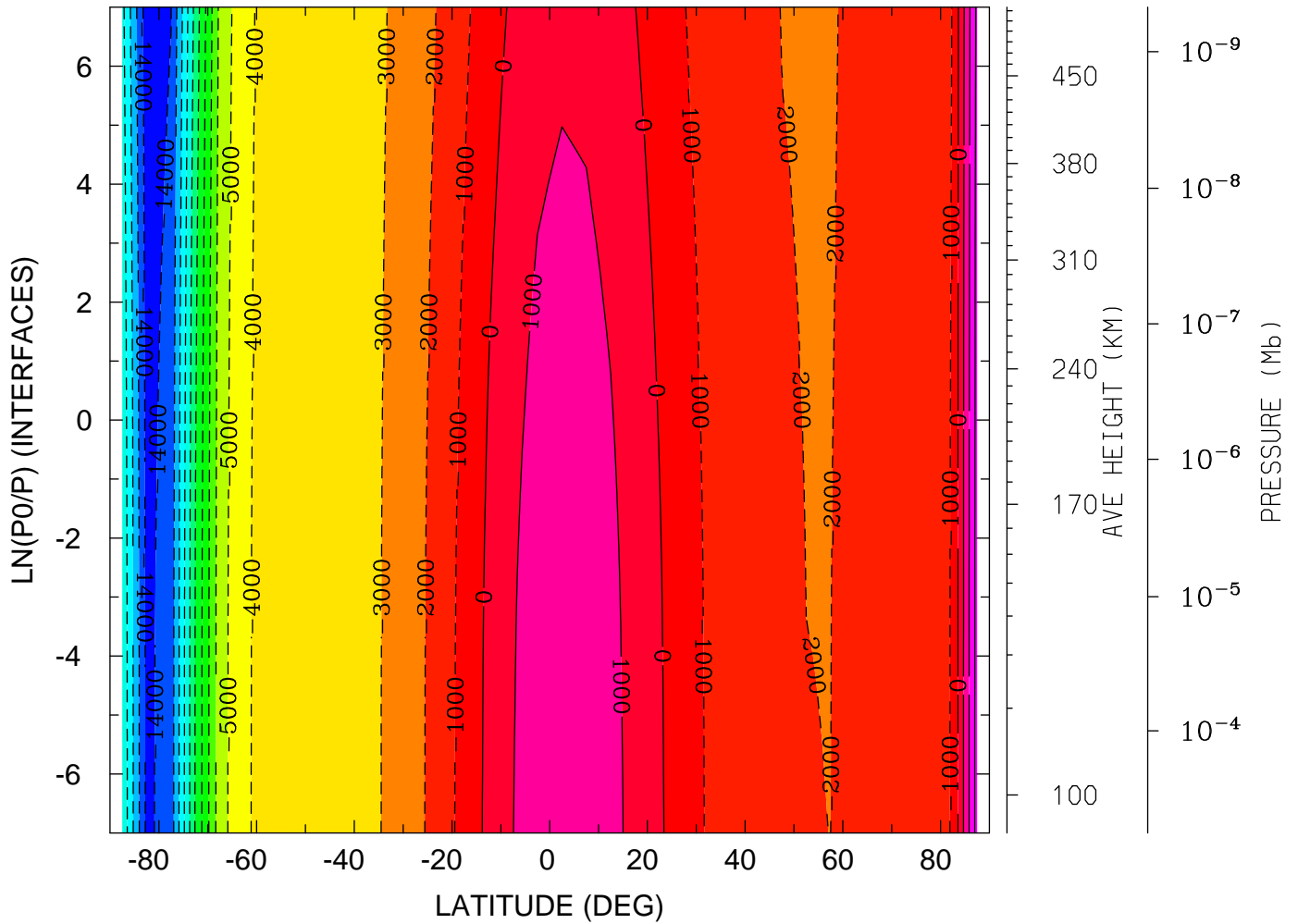


MIN,MAX= -5.6607E+03 1.0214E+04 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc



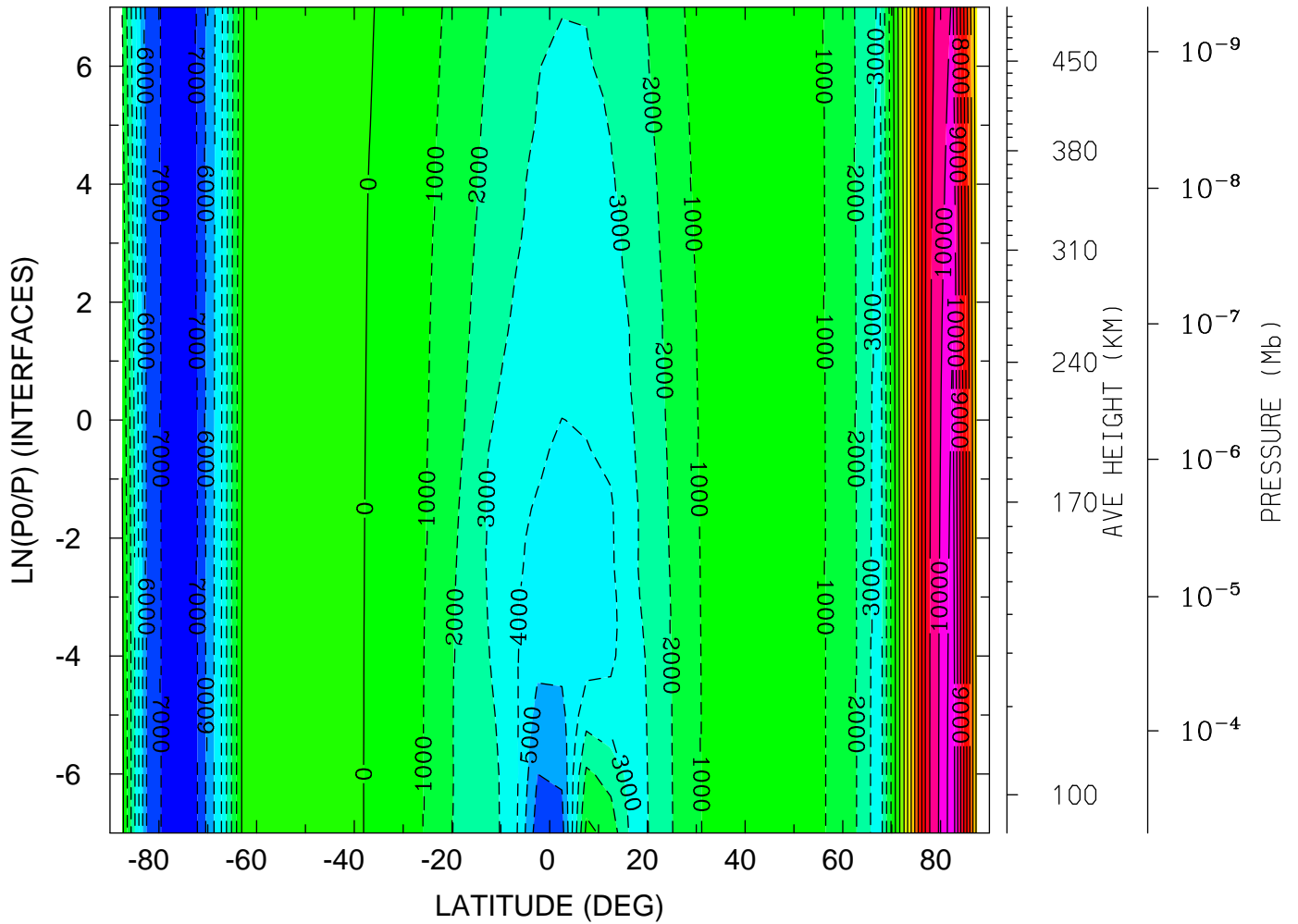
ELECTRIC POTENTIAL (VOLTS)

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



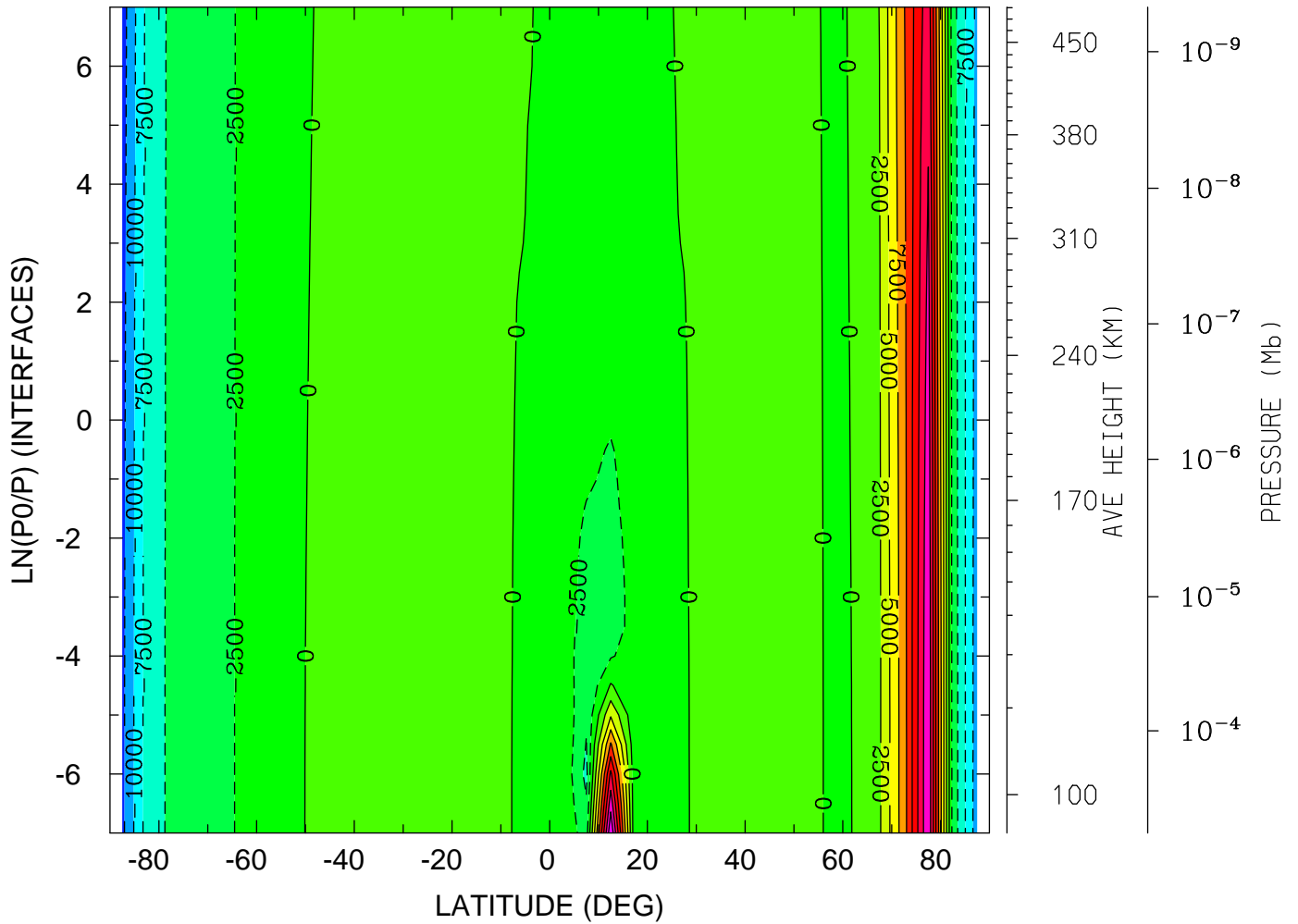
MIN,MAX= -1.4581E+04 3.4378E+03 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



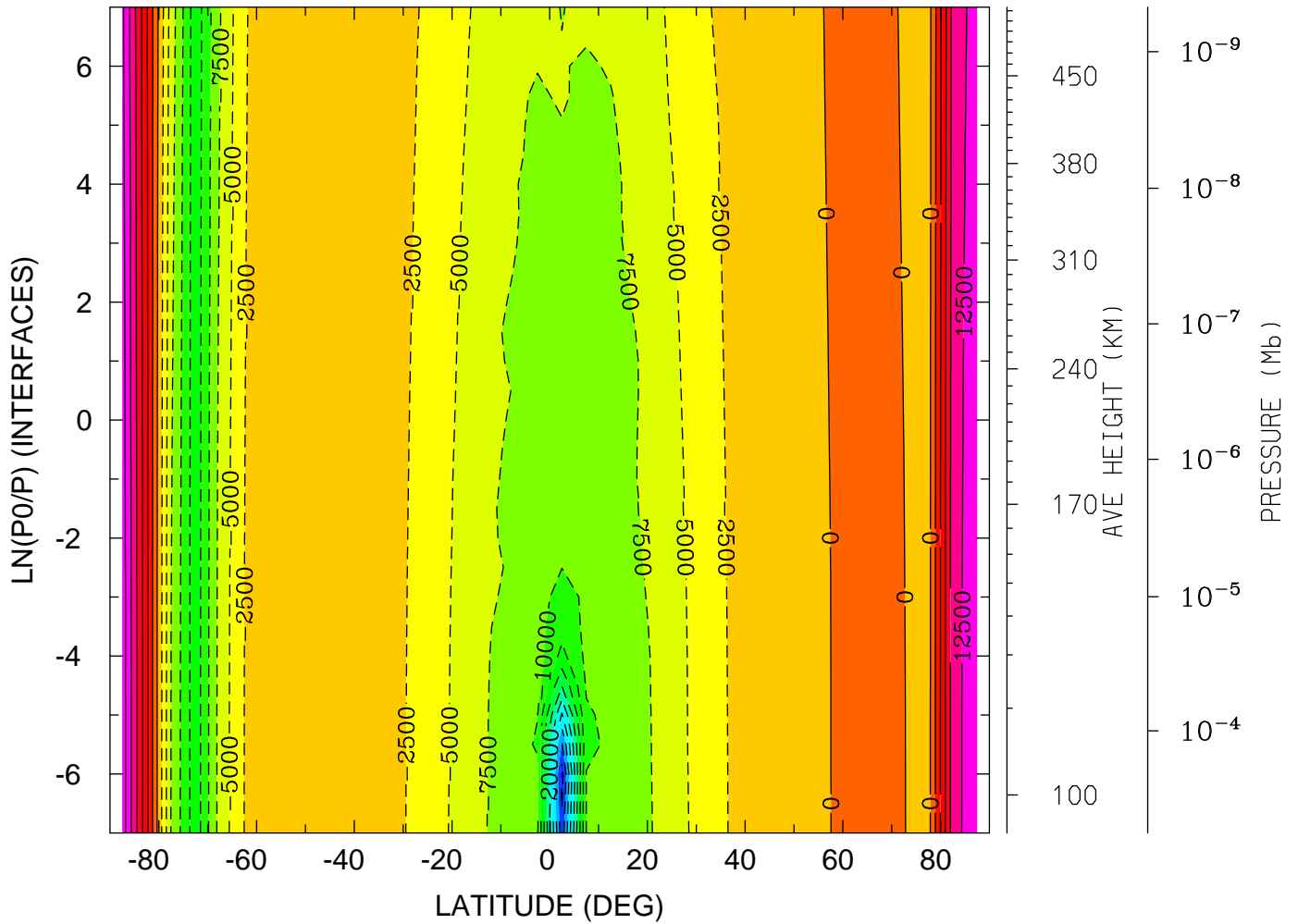
MIN,MAX= -7.6749E+03 1.1615E+04 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



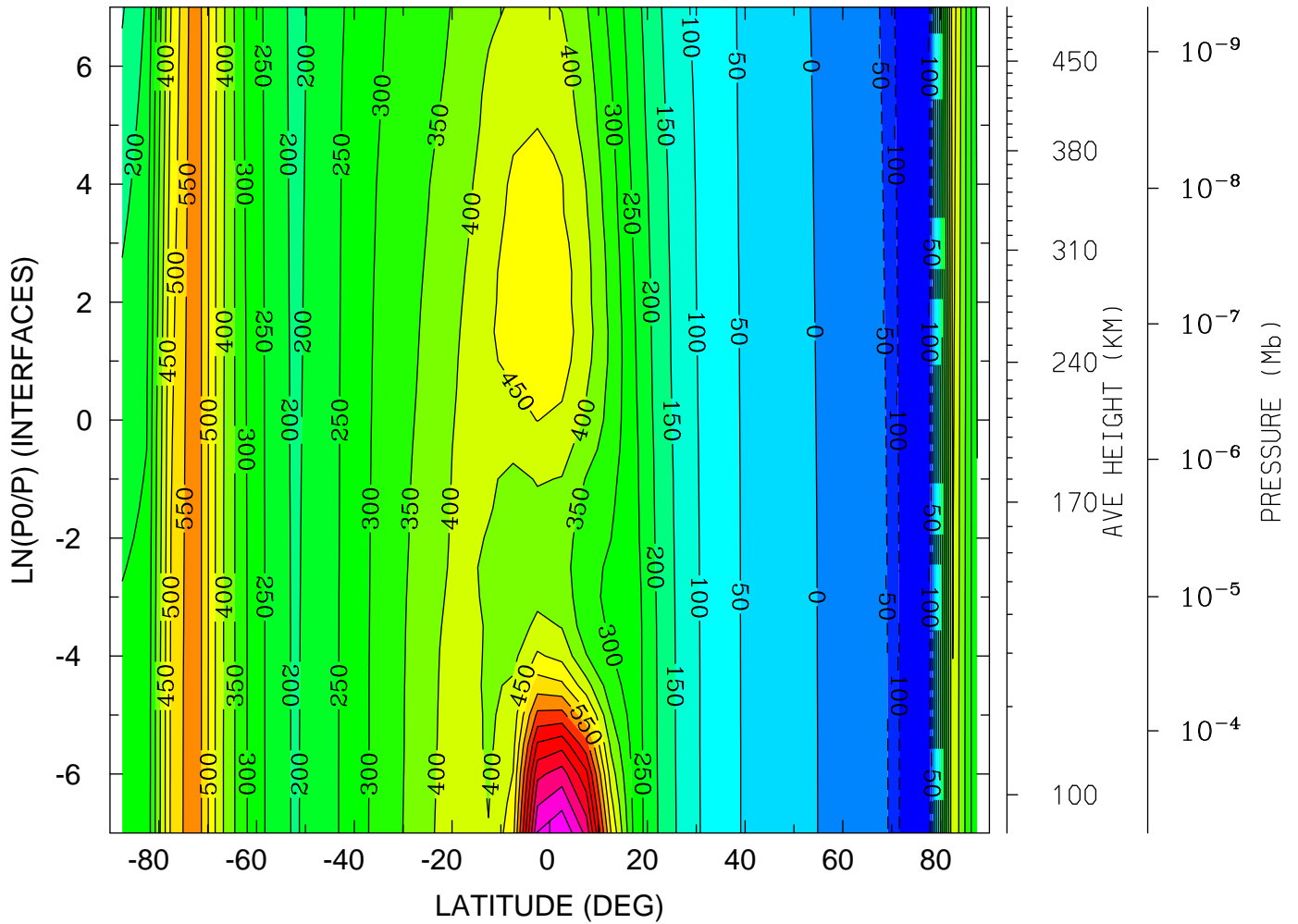
MIN,MAX= -1.3690E+04 2.2443E+04 INTERVAL= 2.5000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



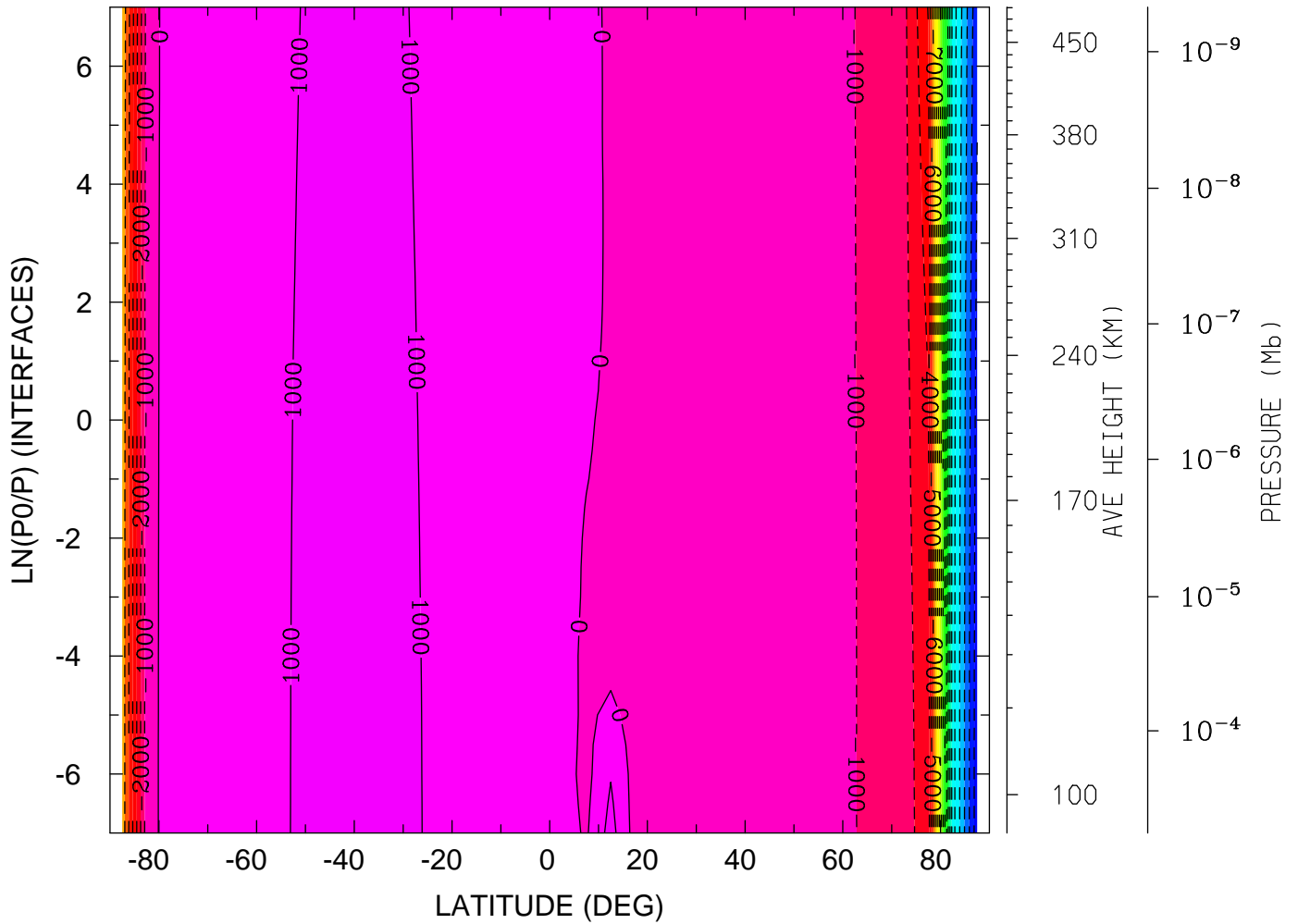
MIN,MAX= -3.1074E+04 1.6512E+04 INTERVAL= 2.5000E+03  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



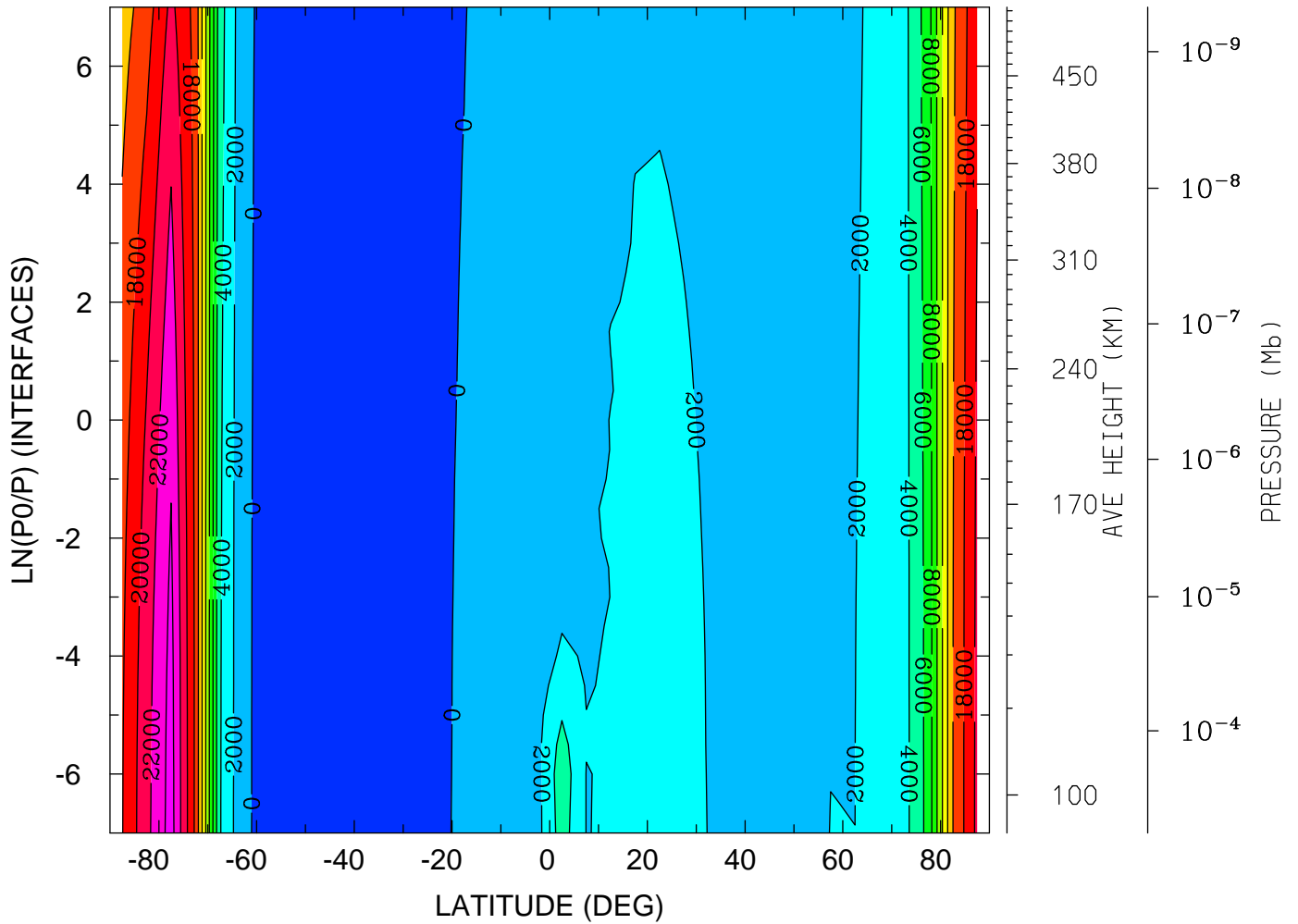
MIN,MAX= -1.4855E+02 9.4676E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



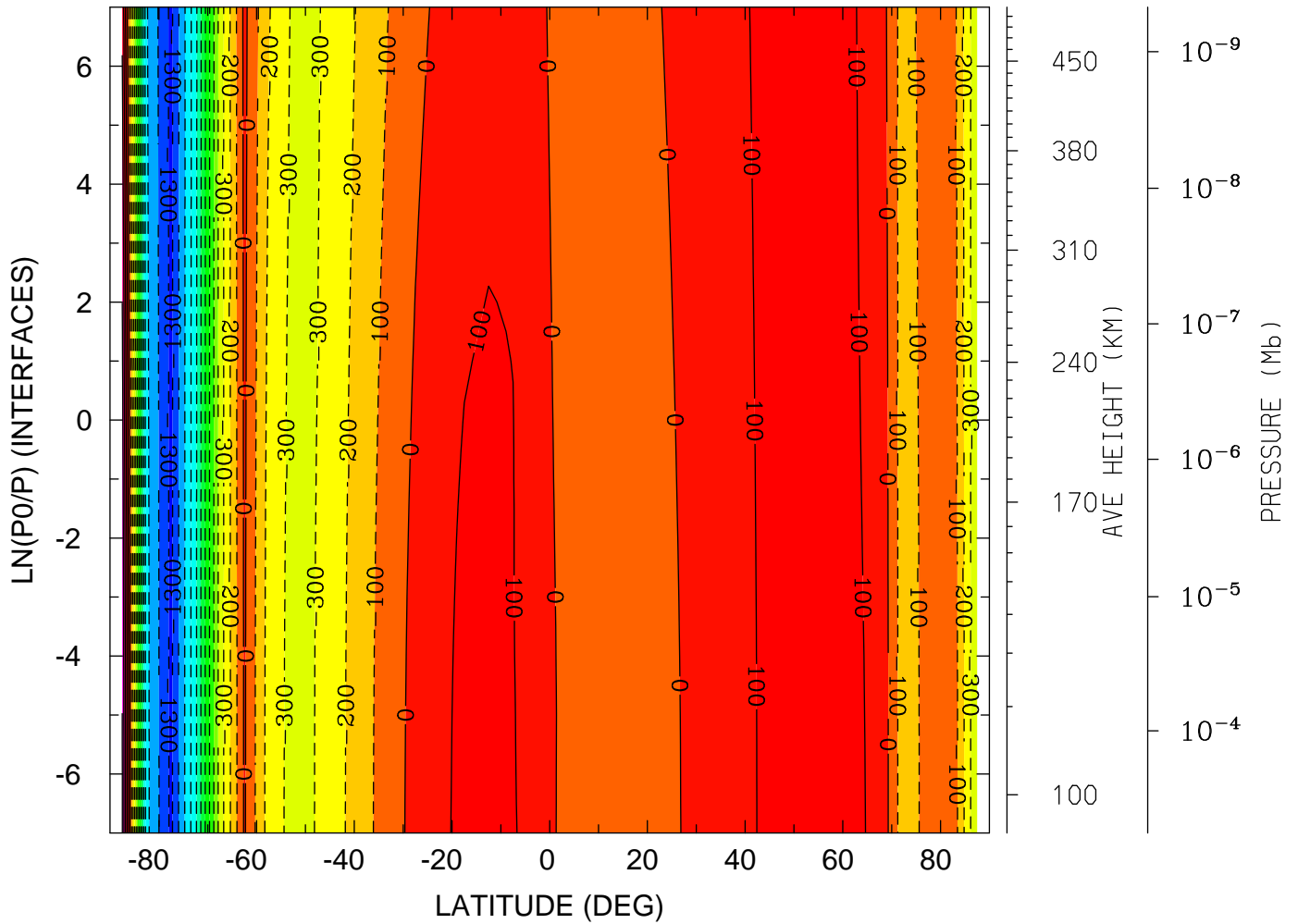
MIN,MAX= -2.1629E+04 1.3805E+03 INTERVAL= 1.0000E+03  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= -1.1825E+03 2.4823E+04 INTERVAL= 2.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

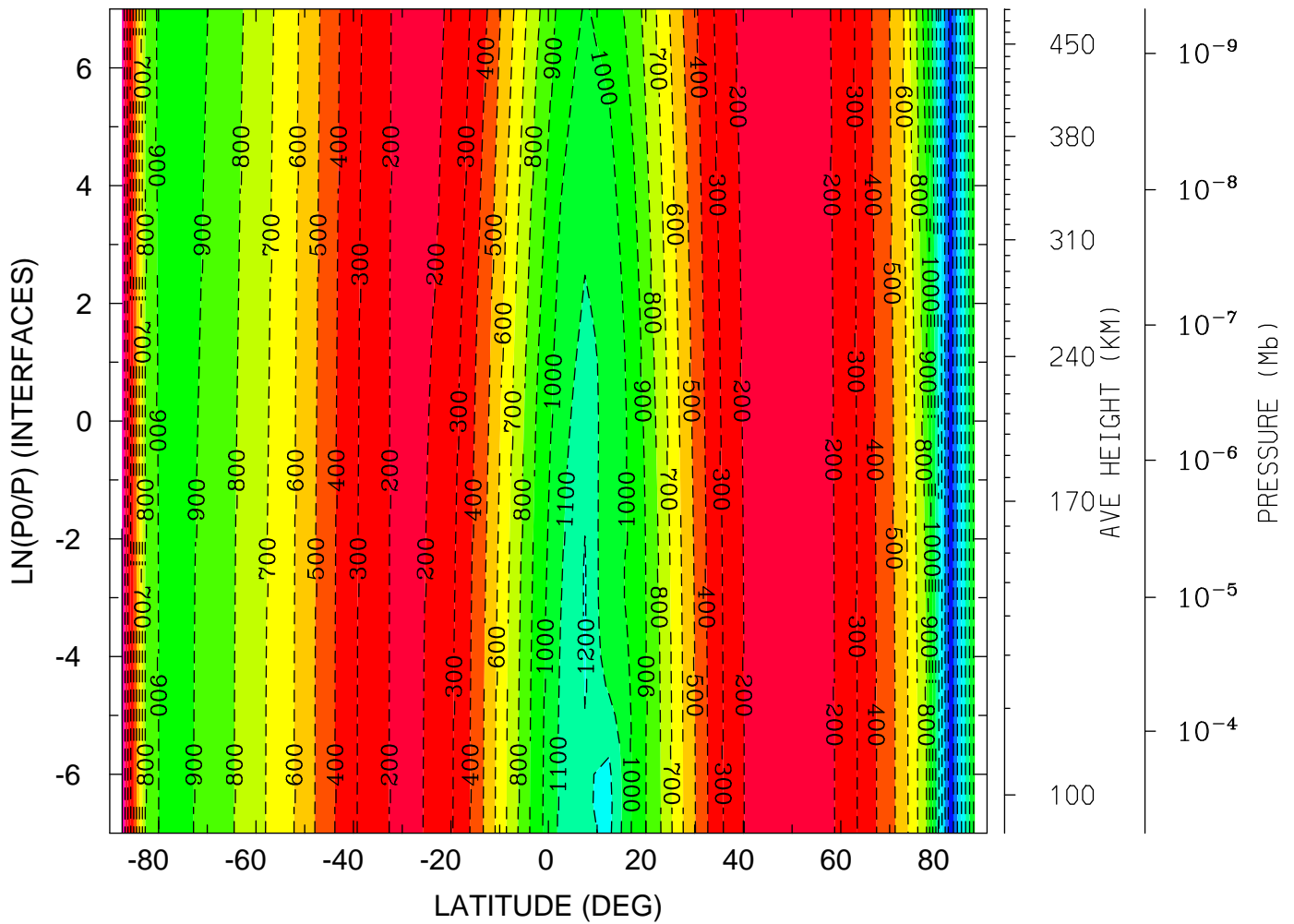
WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= -1.3251E+03 5.0780E+02 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

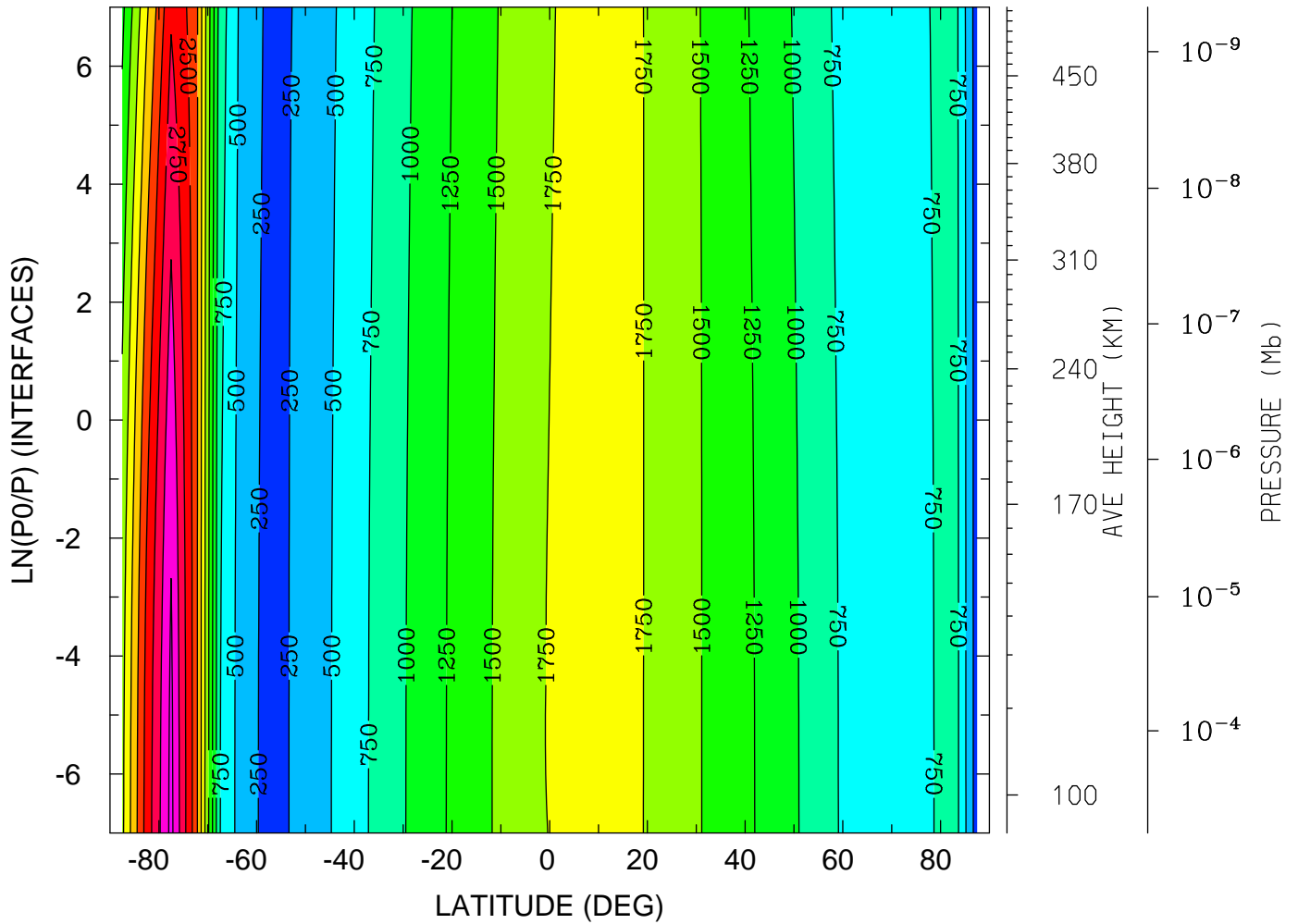


WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



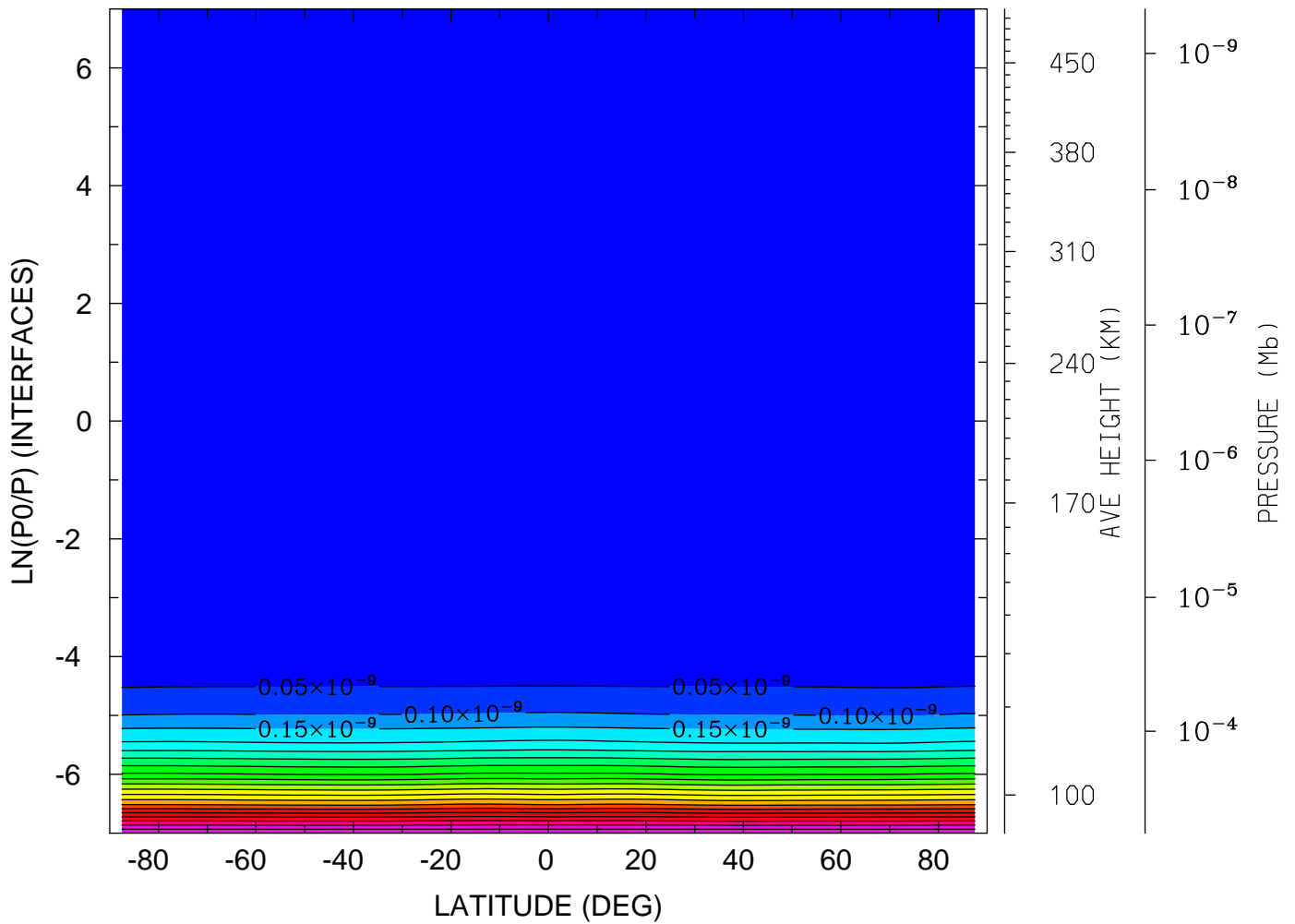
MIN,MAX= -1.5725E+03 6.4968E+00 INTERVAL= 1.0000E+02  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



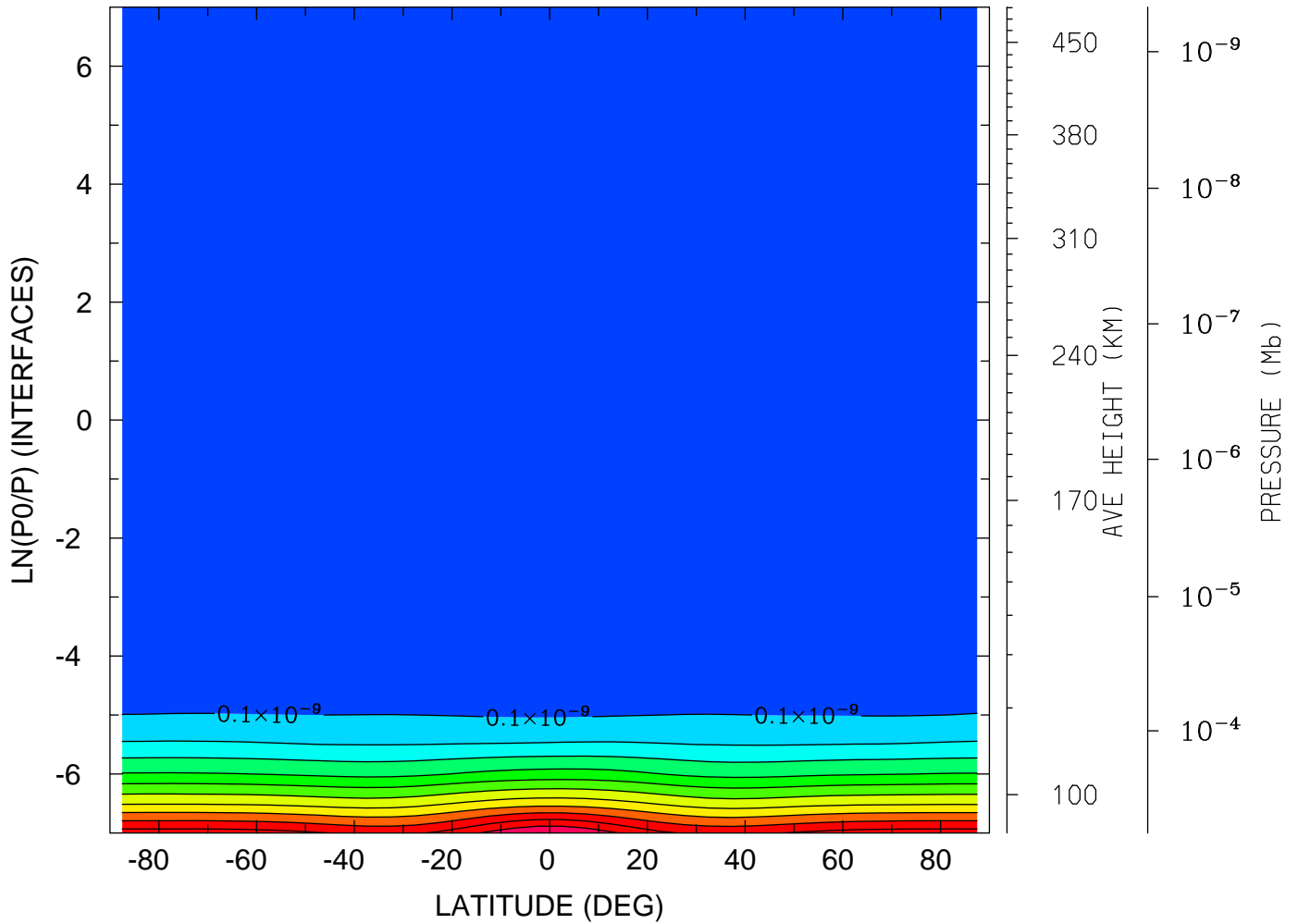
MIN,MAX= 1.0546E+02 3.3217E+03 INTERVAL= 2.5000E+02  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



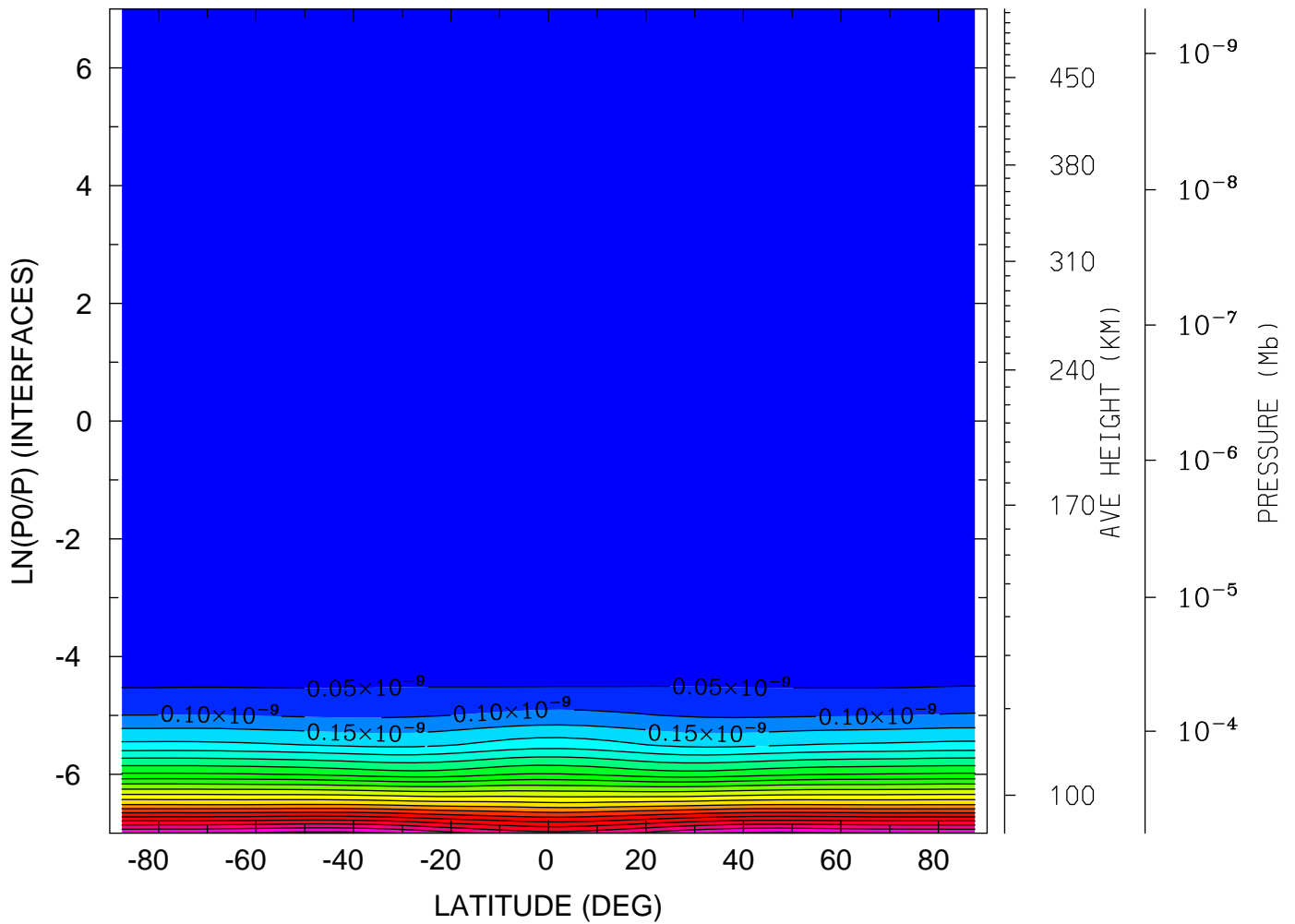
MIN,MAX= 1.3682E-16 1.0509E-09 INTERVAL= 5.0000E-11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



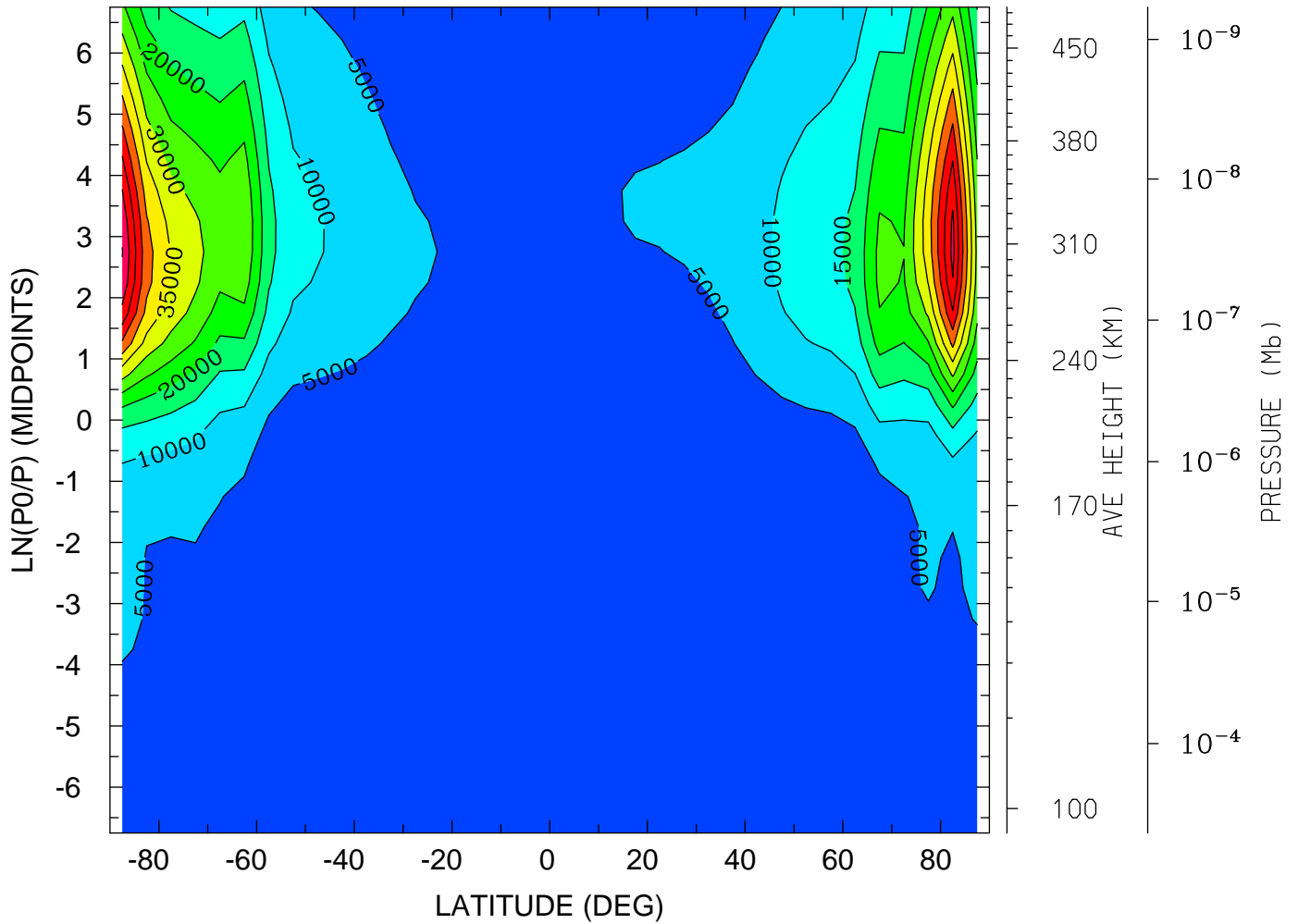
MIN,MAX= 1.3828E-16 1.2020E-09 INTERVAL= 1.0000E-10  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



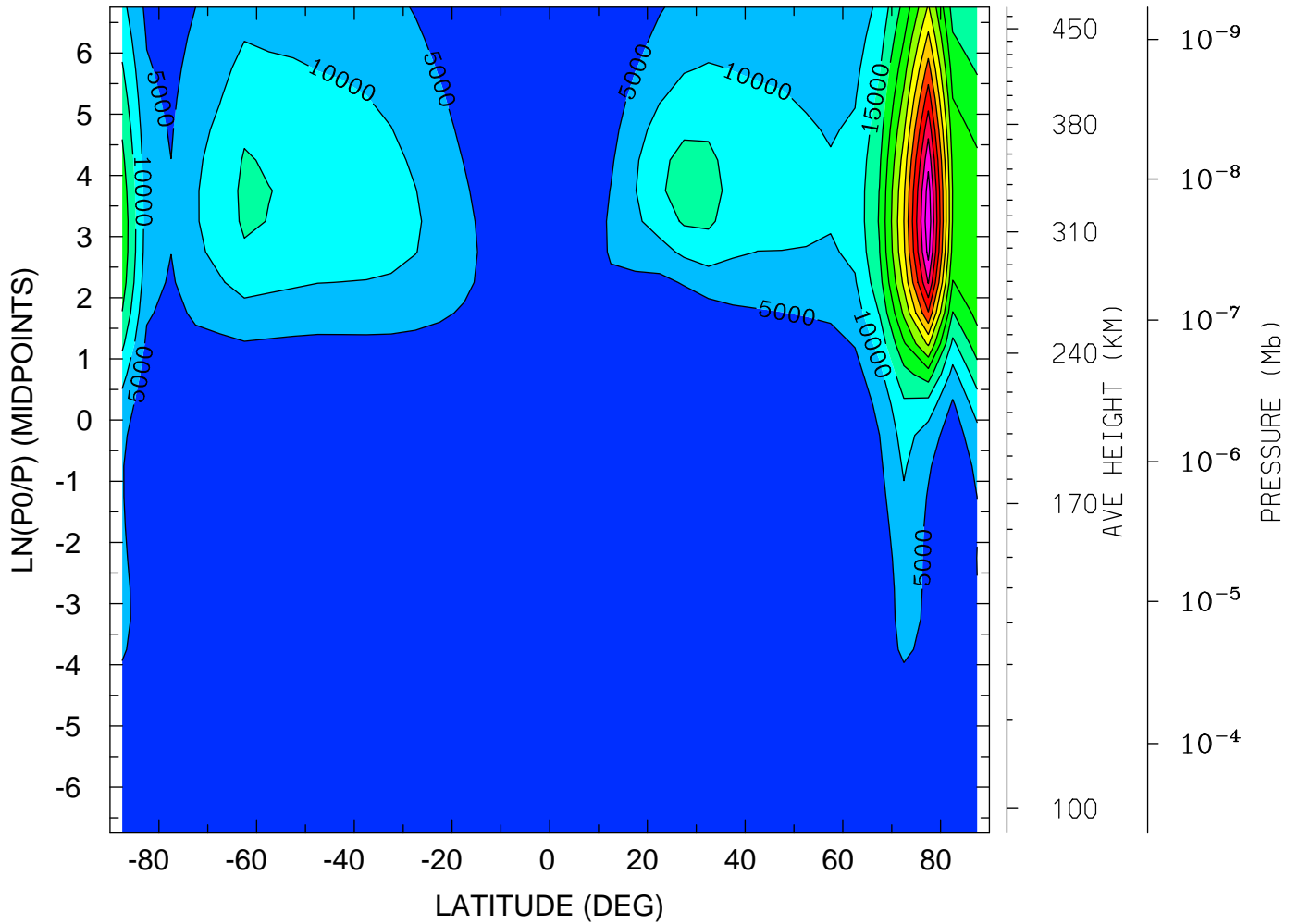
MIN,MAX= 1.2703E-16 1.0678E-09 INTERVAL= 5.0000E-11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



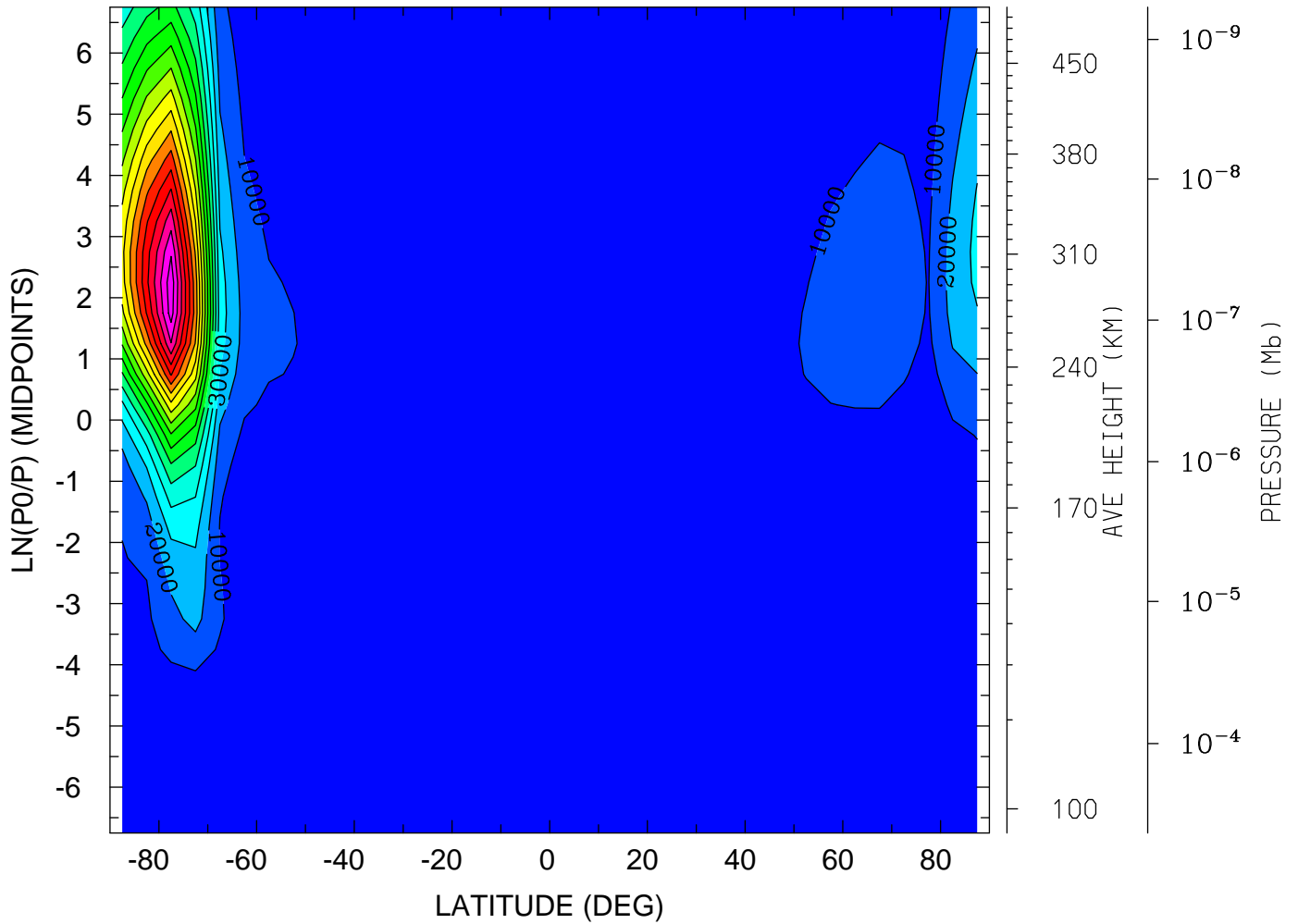
MIN,MAX= 7.2134E-02 6.0218E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 2.7401E-04 6.8734E+04 INTERVAL= 5.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

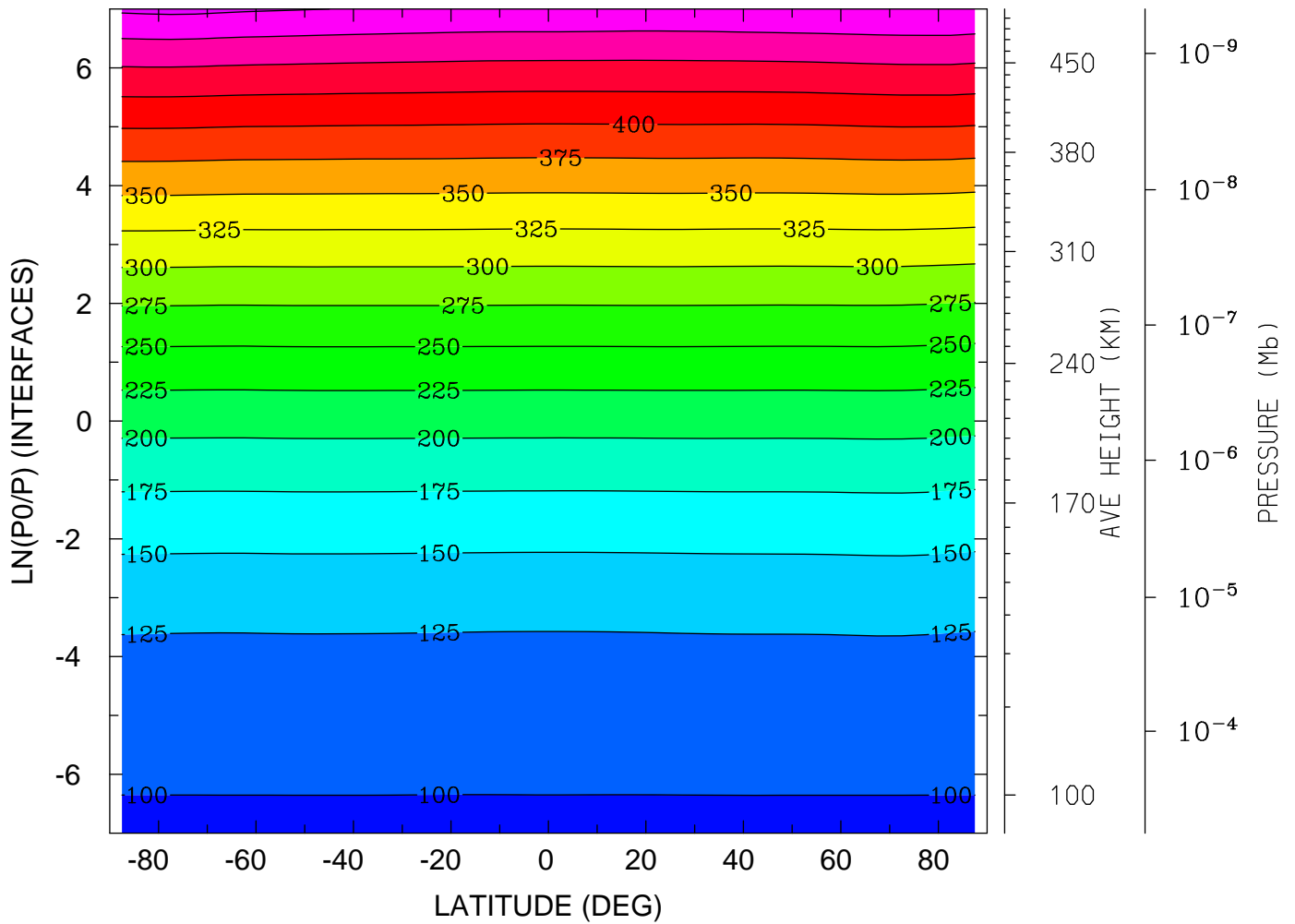
QJOULE: QJOULE: Joule Heating (erg/g/s)  
YEAR 2002 UT= 0.00 LON= -180.00 (DEG) SLT=12.00 (HRS)



MIN,MAX= 9.2890E-02 1.8640E+05 INTERVAL= 1.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

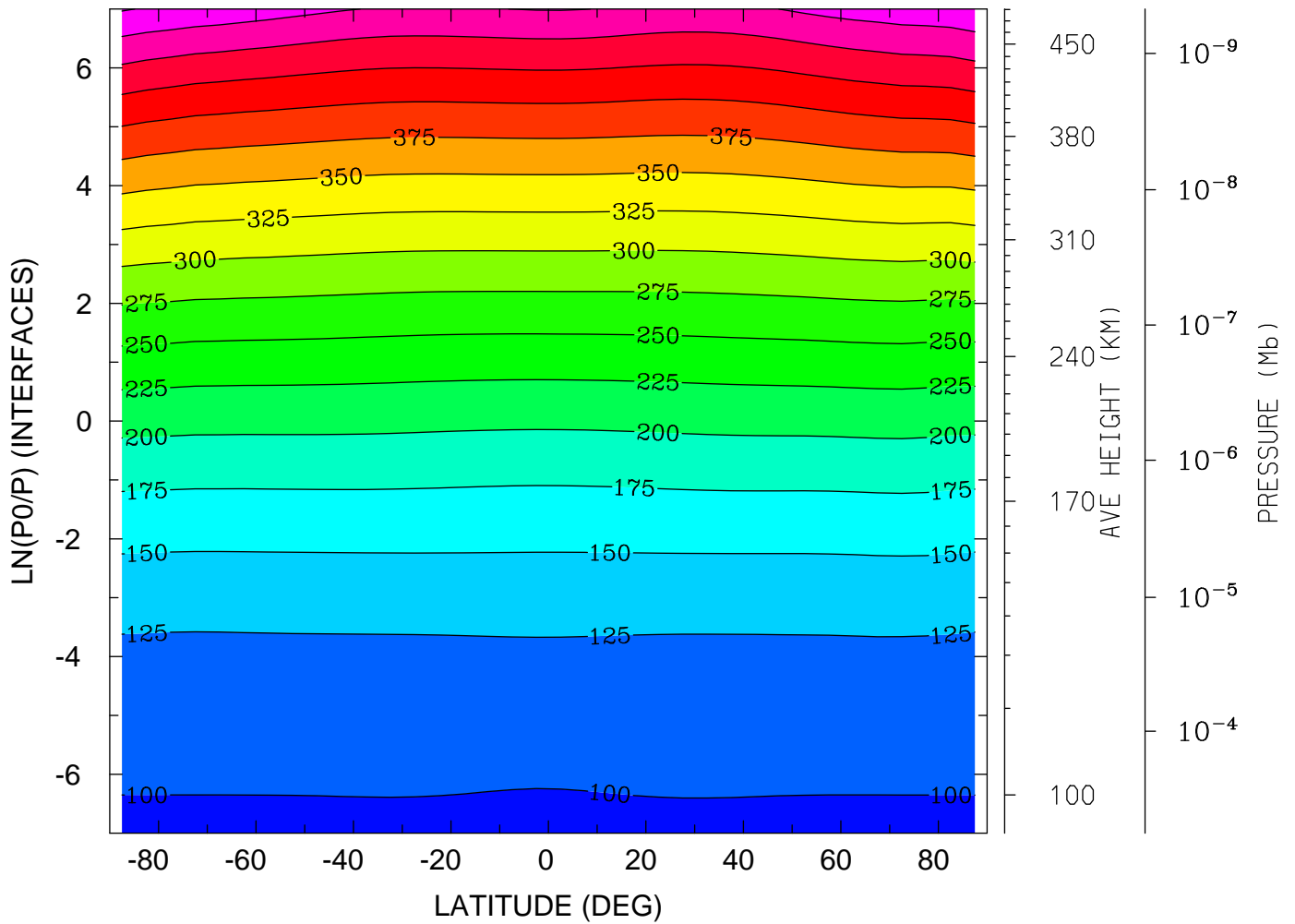


GEOPOTENTIAL HEIGHT (KM)  
YEAR 2002 UT= 0.00 ZONAL MEANS



MIN,MAX= 9.6370E+01 5.0543E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

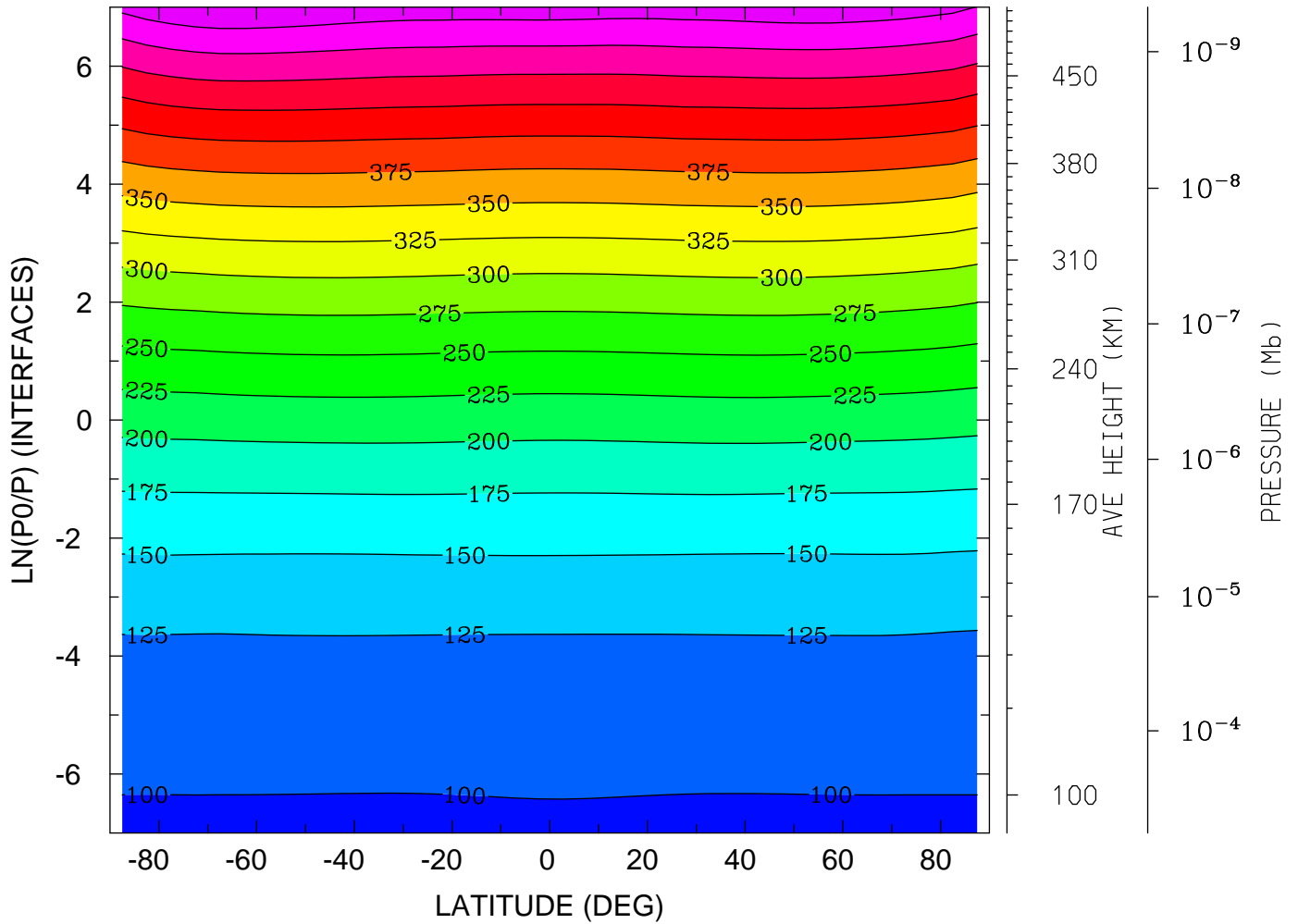
GEOPOTENTIAL HEIGHT (KM)  
YEAR 2002 UT= 0.00 LON= 0.00 (DEG) SLT= 0.00 (HRS)



MIN,MAX= 9.6177E+01 5.0207E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

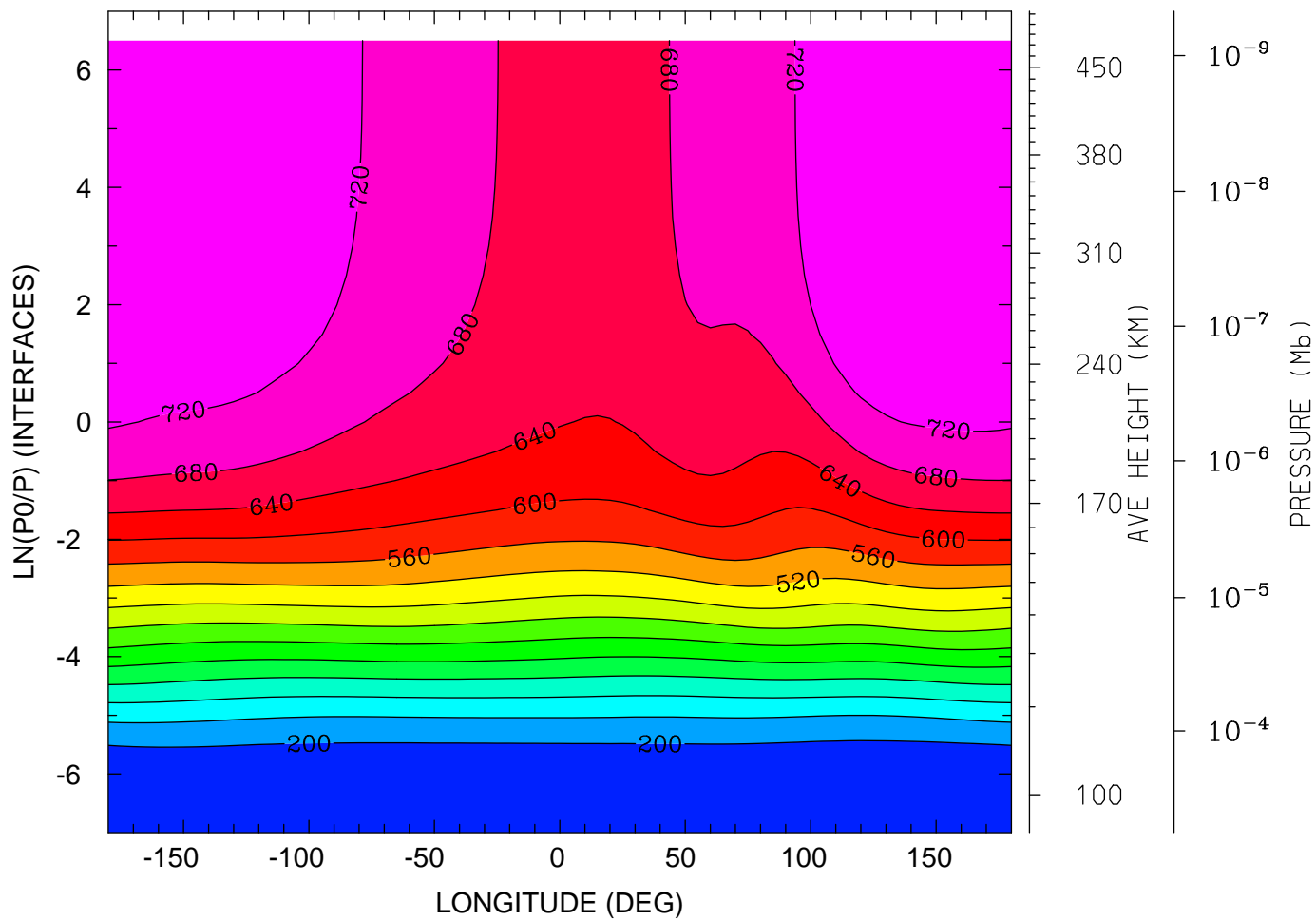
GEOPOTENTIAL HEIGHT (KM)

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



MIN,MAX= 9.6241E+01 5.2292E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

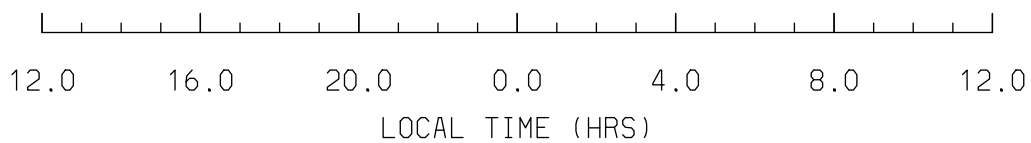
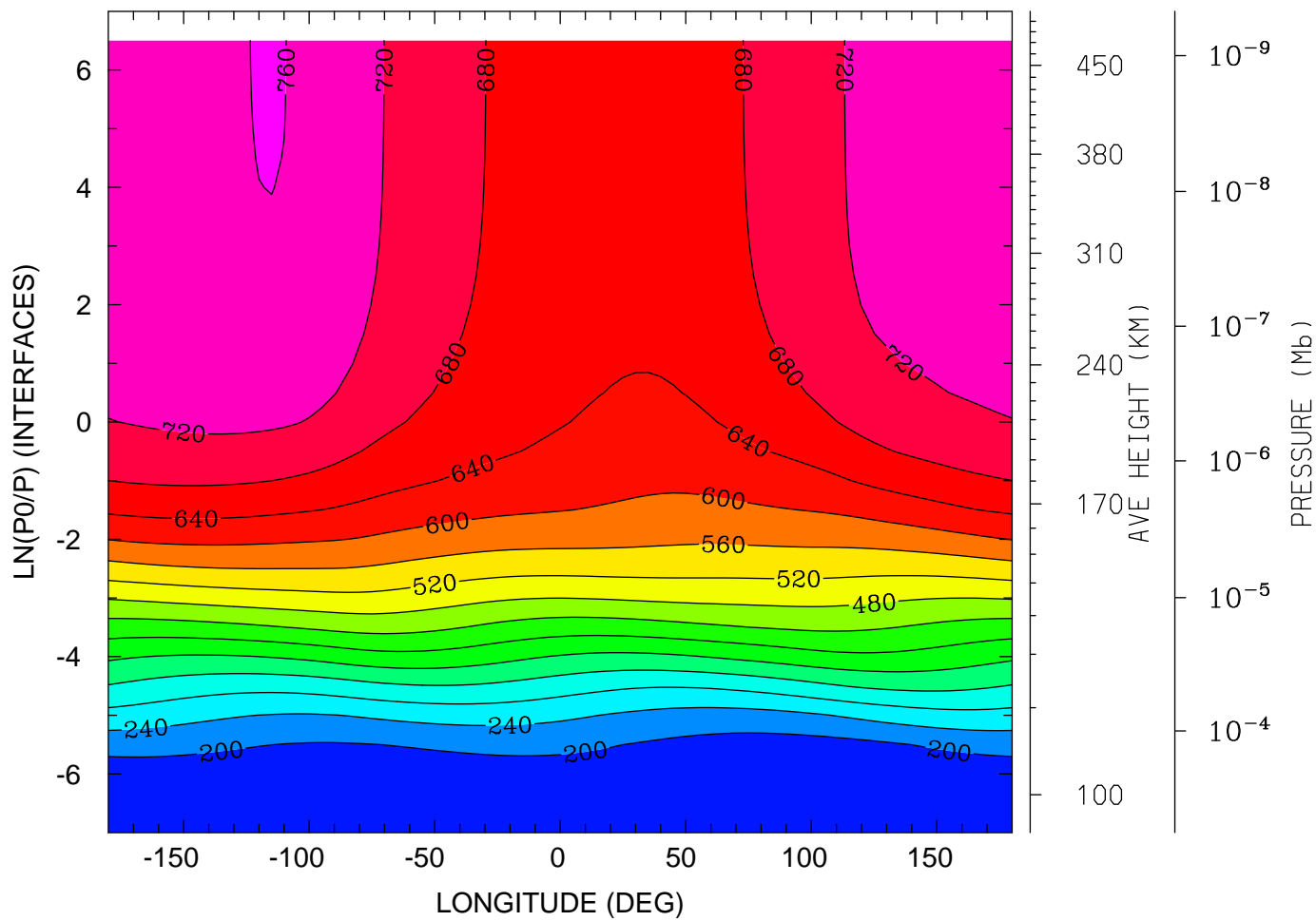
NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= -62.50 (DEG)



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

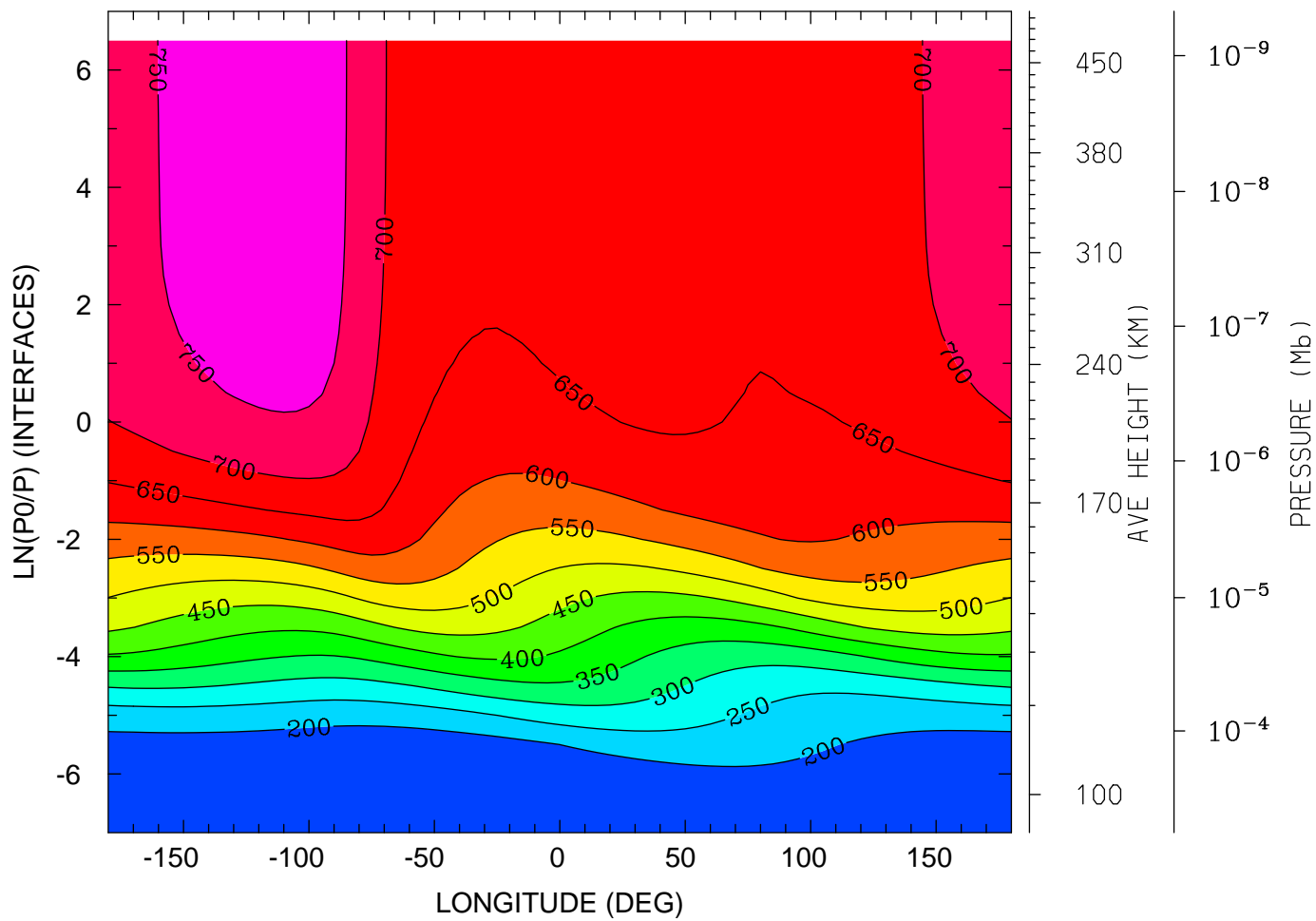
MIN,MAX= 1.6620E+02 7.5936E+02 INTERVAL= 4.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 1.6066E+02 7.6065E+02 INTERVAL= 4.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

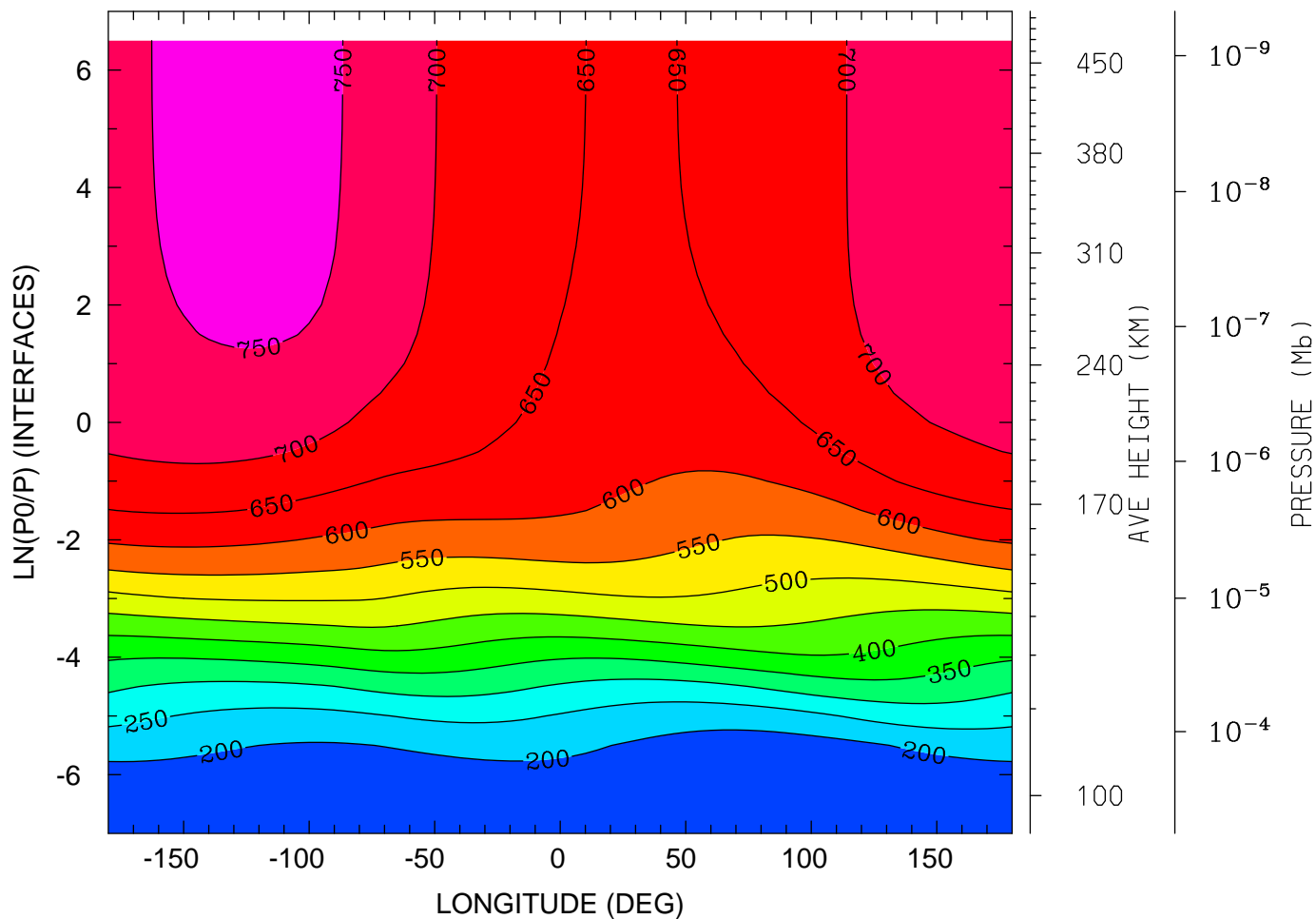
NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= -2.50 (DEG)



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

MIN,MAX= 1.5083E+02 7.7838E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

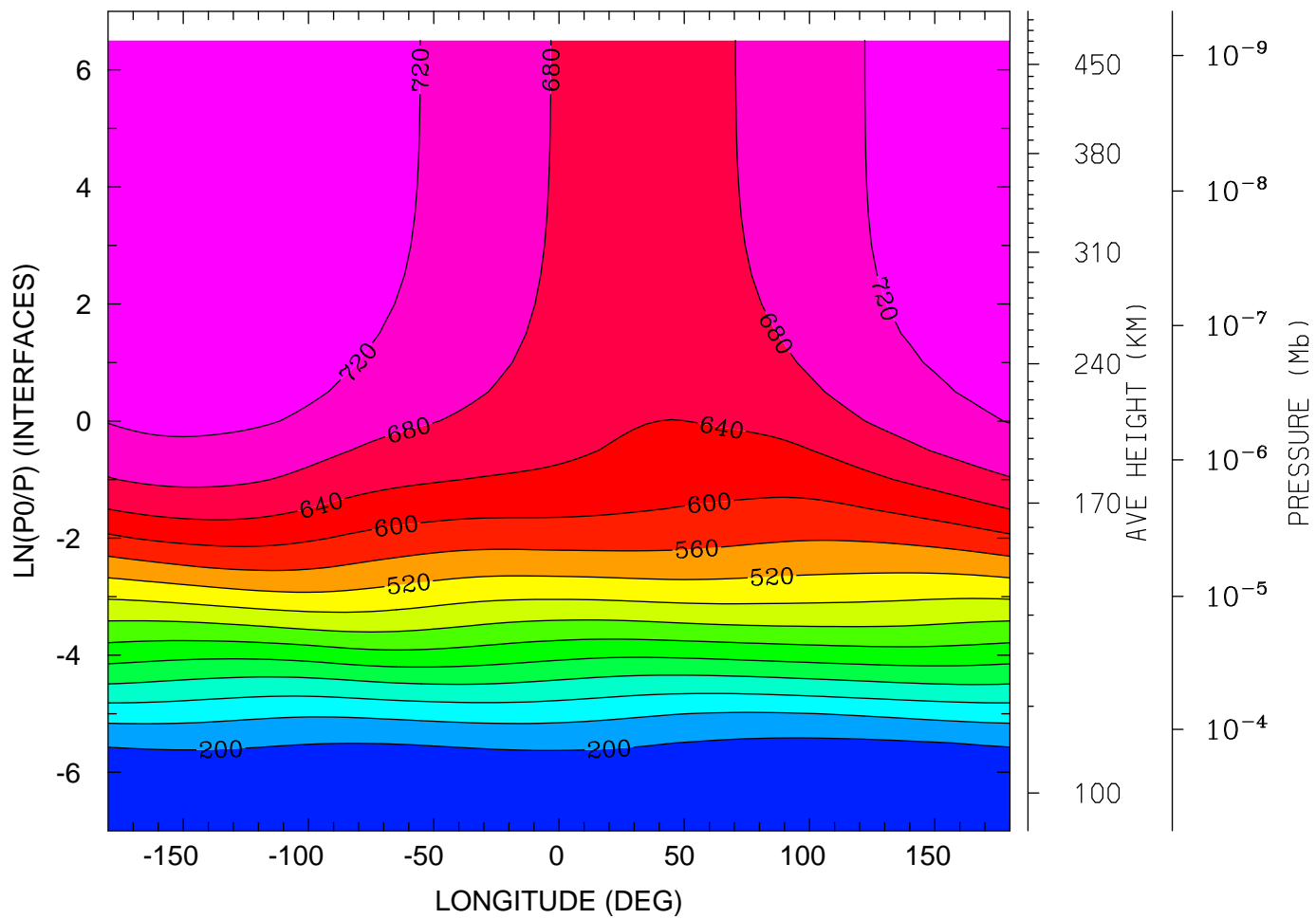
NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 (DEG)



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

MIN,MAX= 1.5849E+02 7.6314E+02 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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

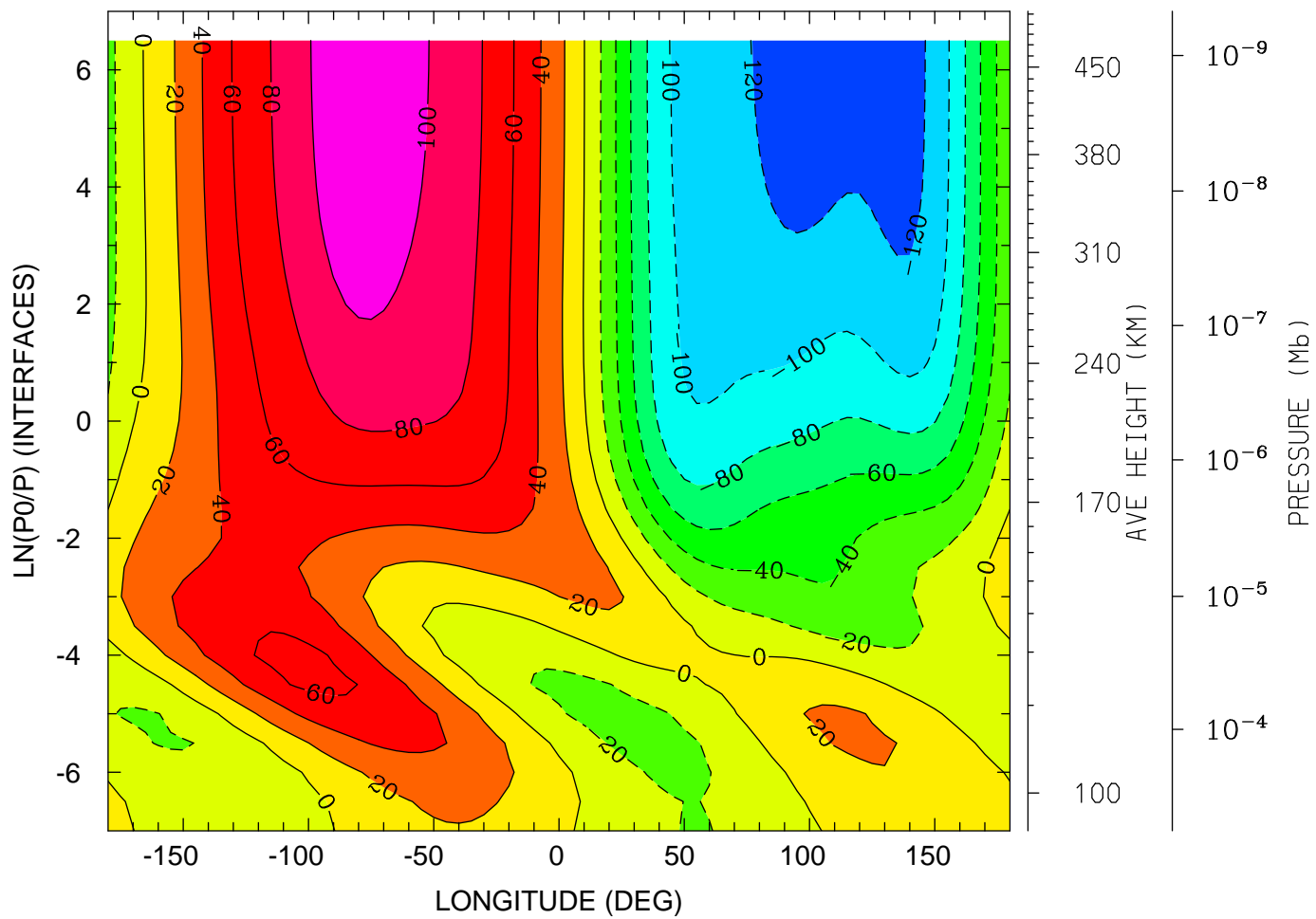


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 1.6478E+02 7.5500E+02 INTERVAL= 4.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc



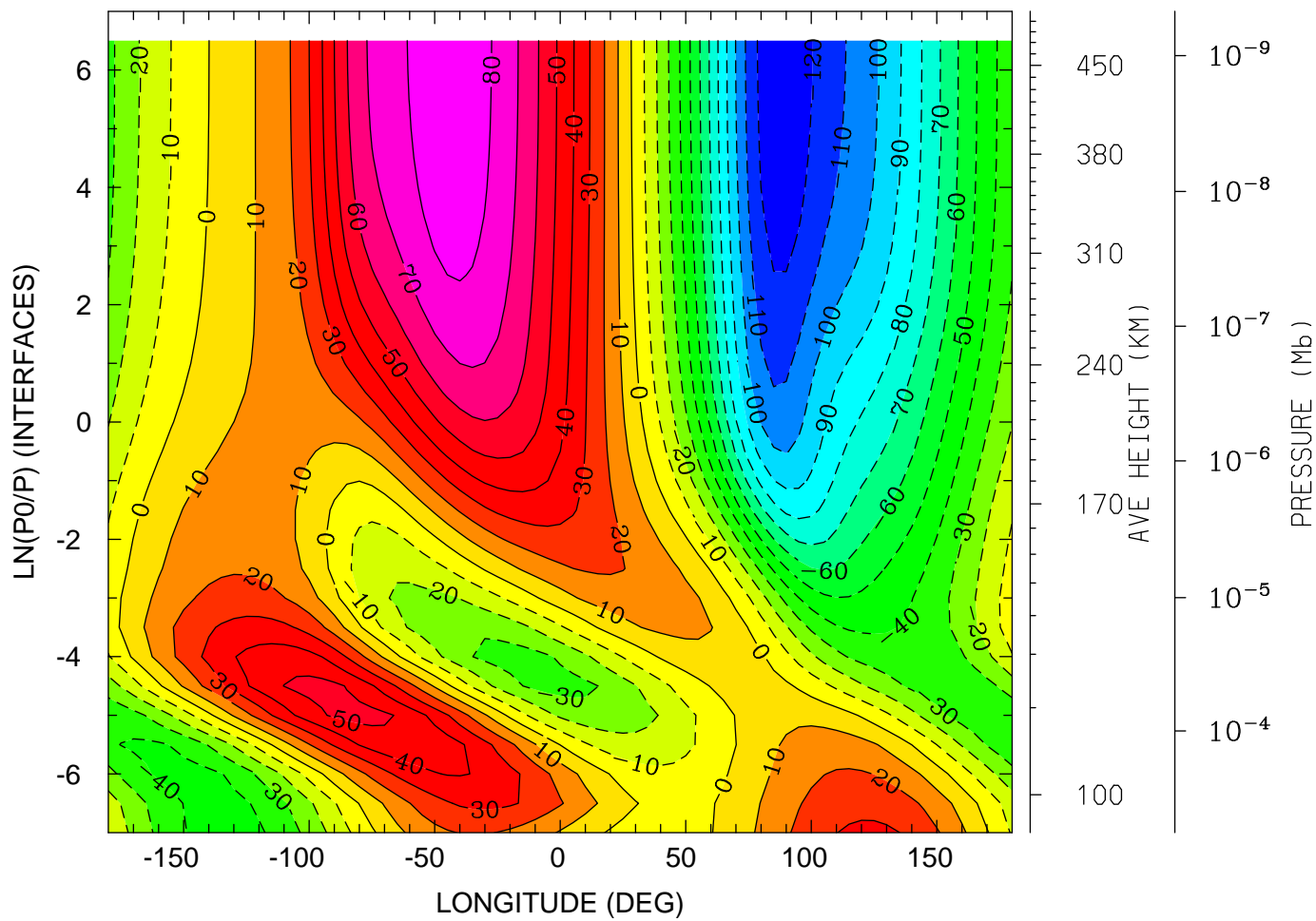
NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= -62.50 (DEG)



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

MIN,MAX= -1.3052E+02 1.1470E+02 INTERVAL= 2.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

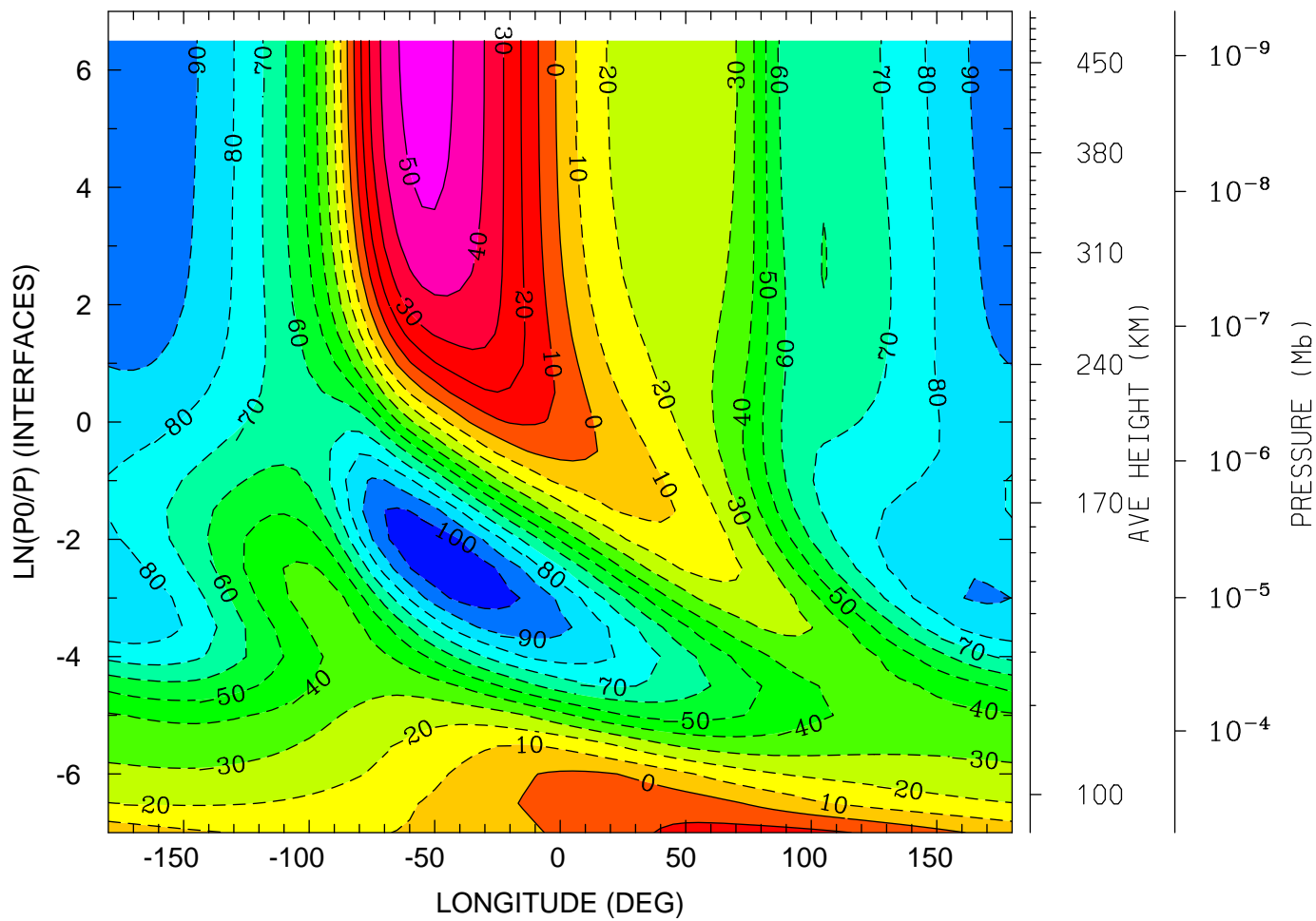
NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= -42.50 (DEG)



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

MIN,MAX= -1.2845E+02 8.7859E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

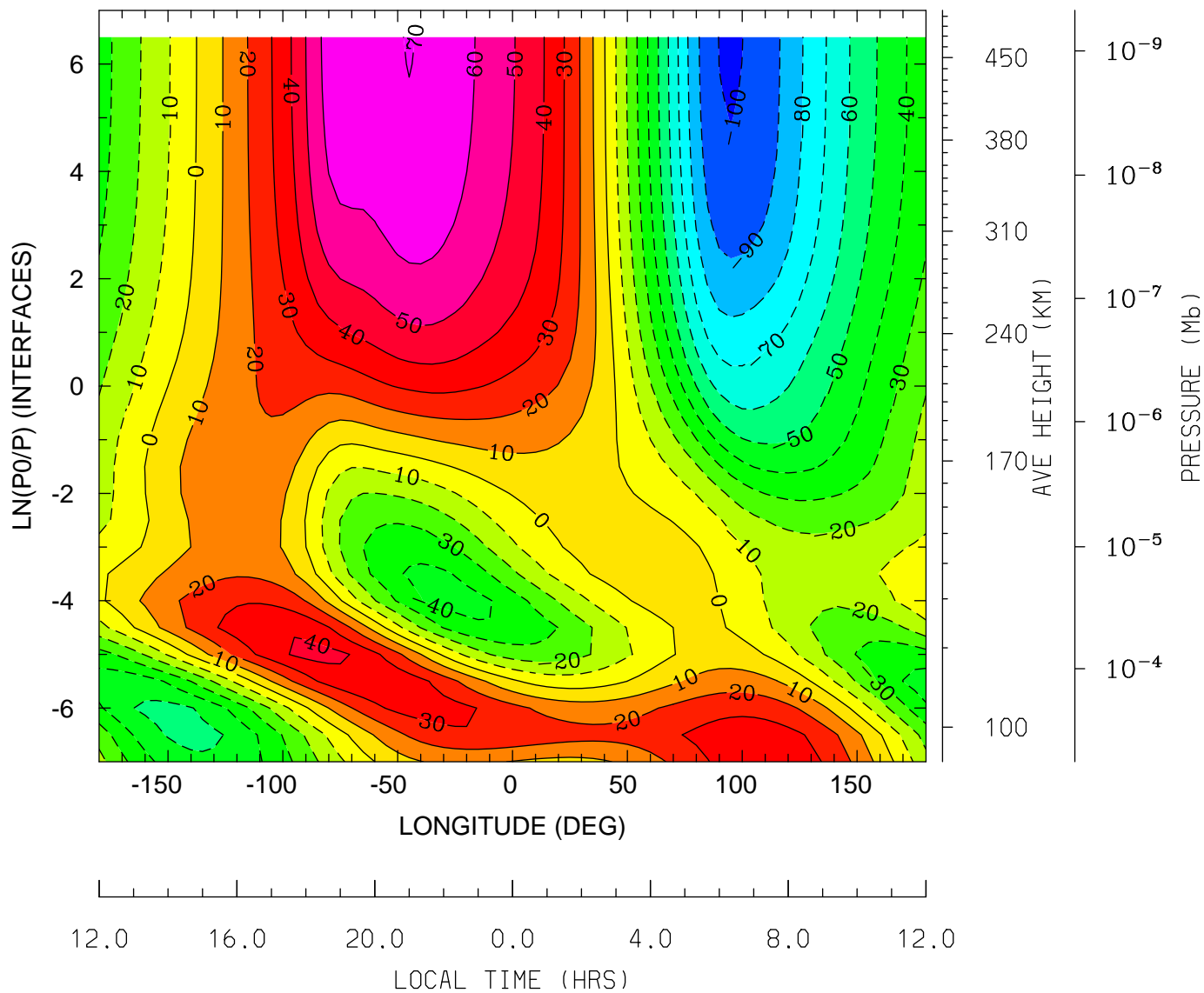
NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= -2.50 (DEG)



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

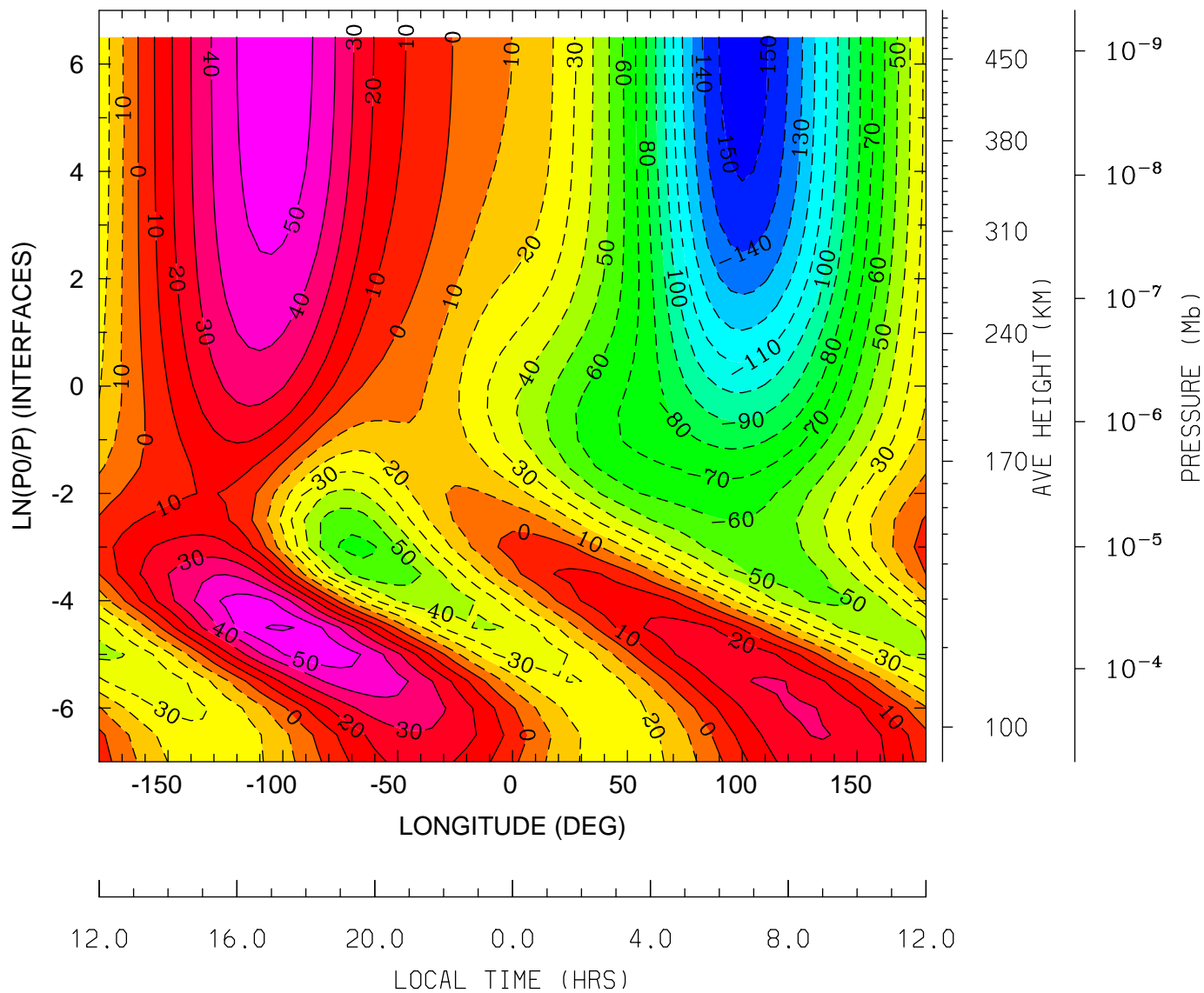
MIN,MAX= -1.0916E+02 5.4907E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



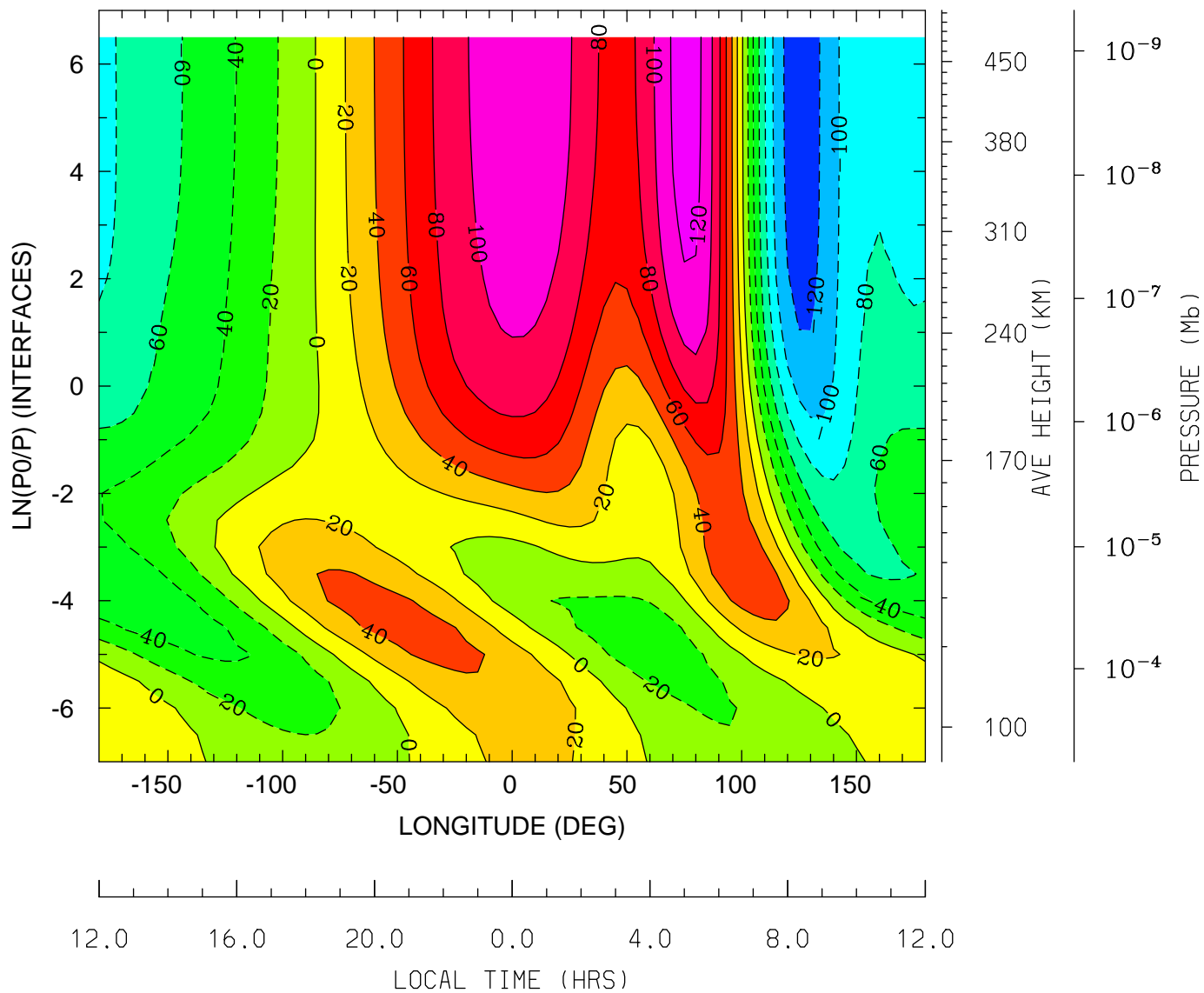
MIN,MAX= -1.0117E+02 7.0281E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



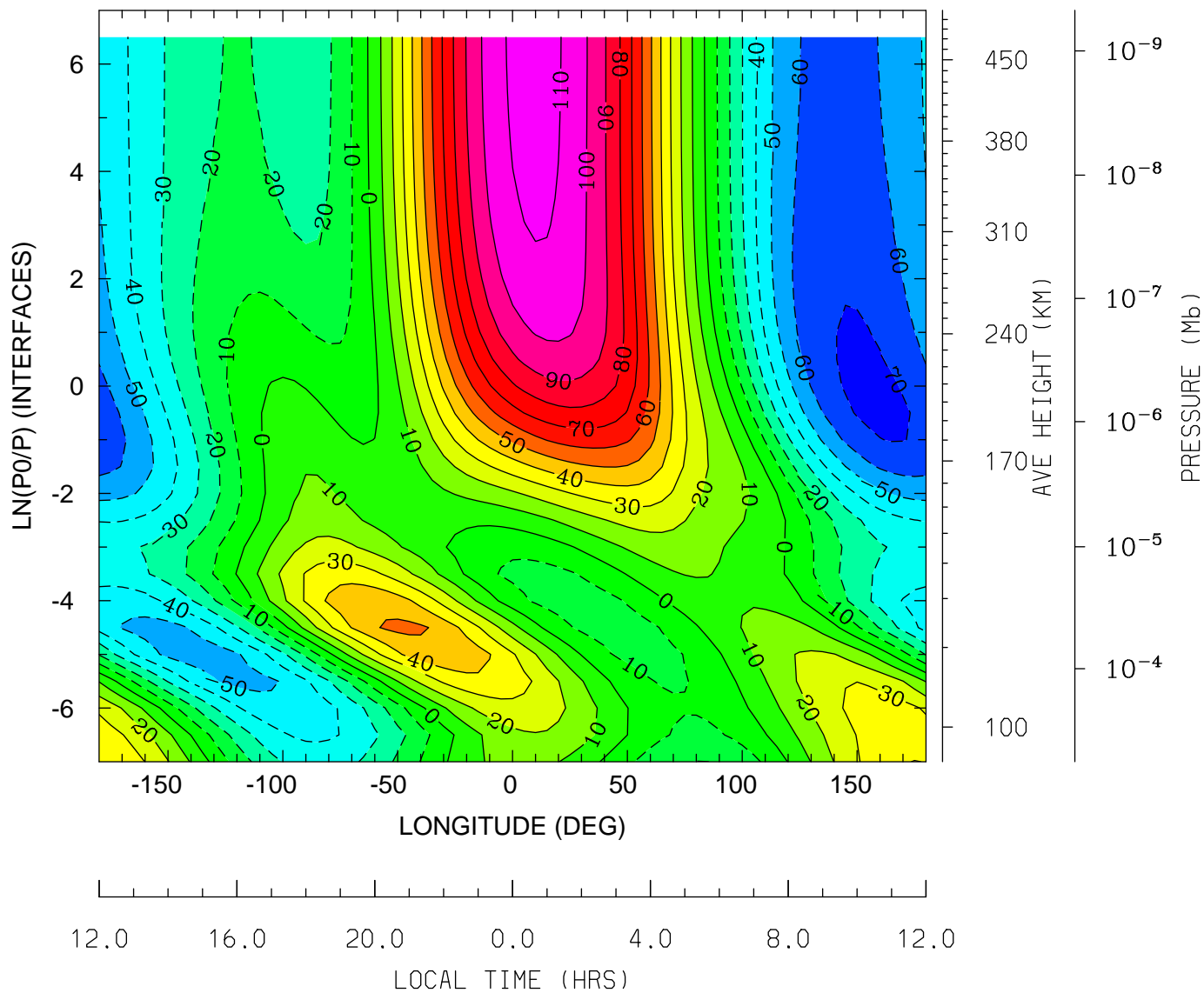
MIN,MAX= -1.5546E+02 6.1348E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



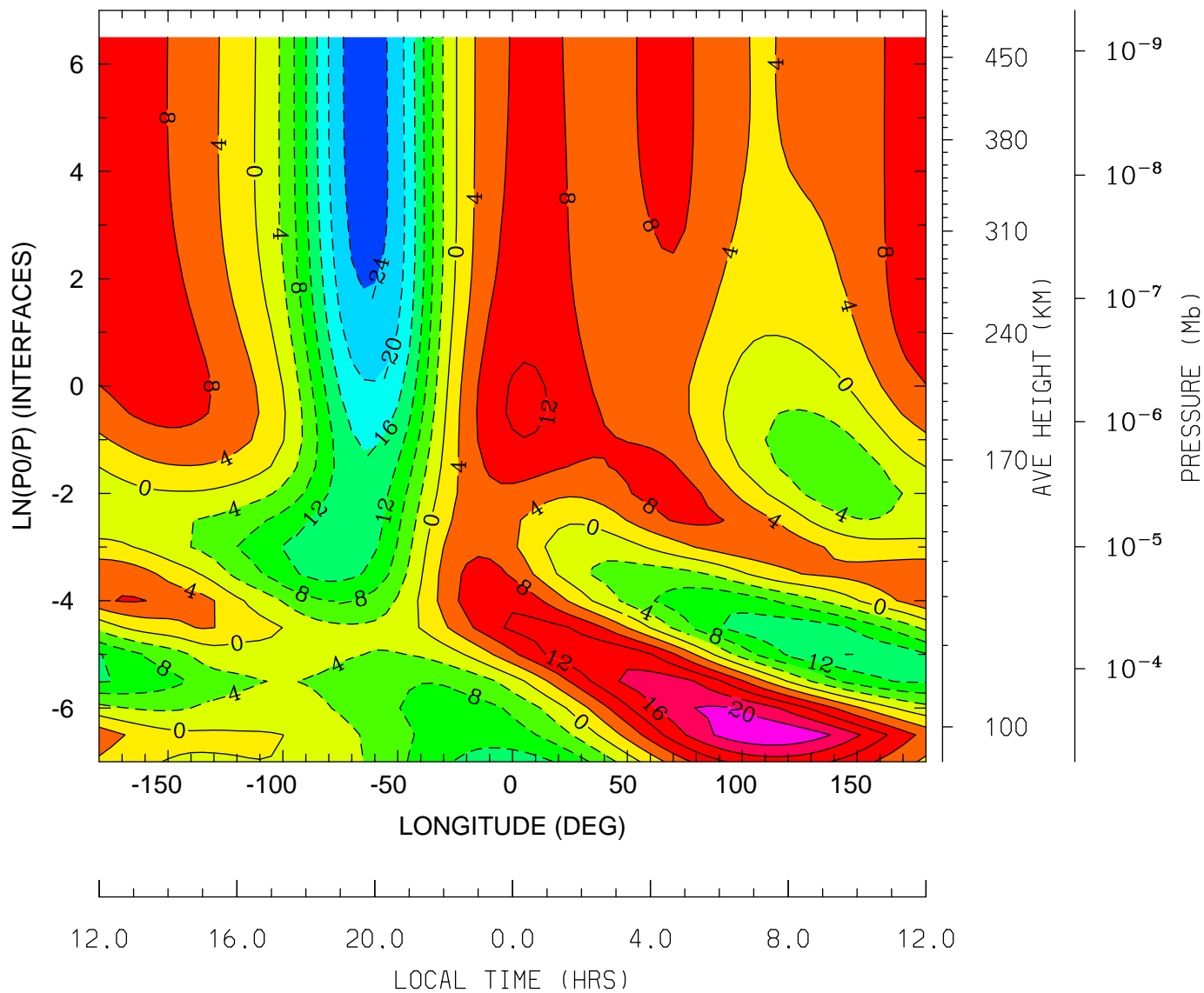
MIN,MAX= -1.3173E+02 1.2956E+02 INTERVAL= 2.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= -7.2957E+01 1.1399E+02 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

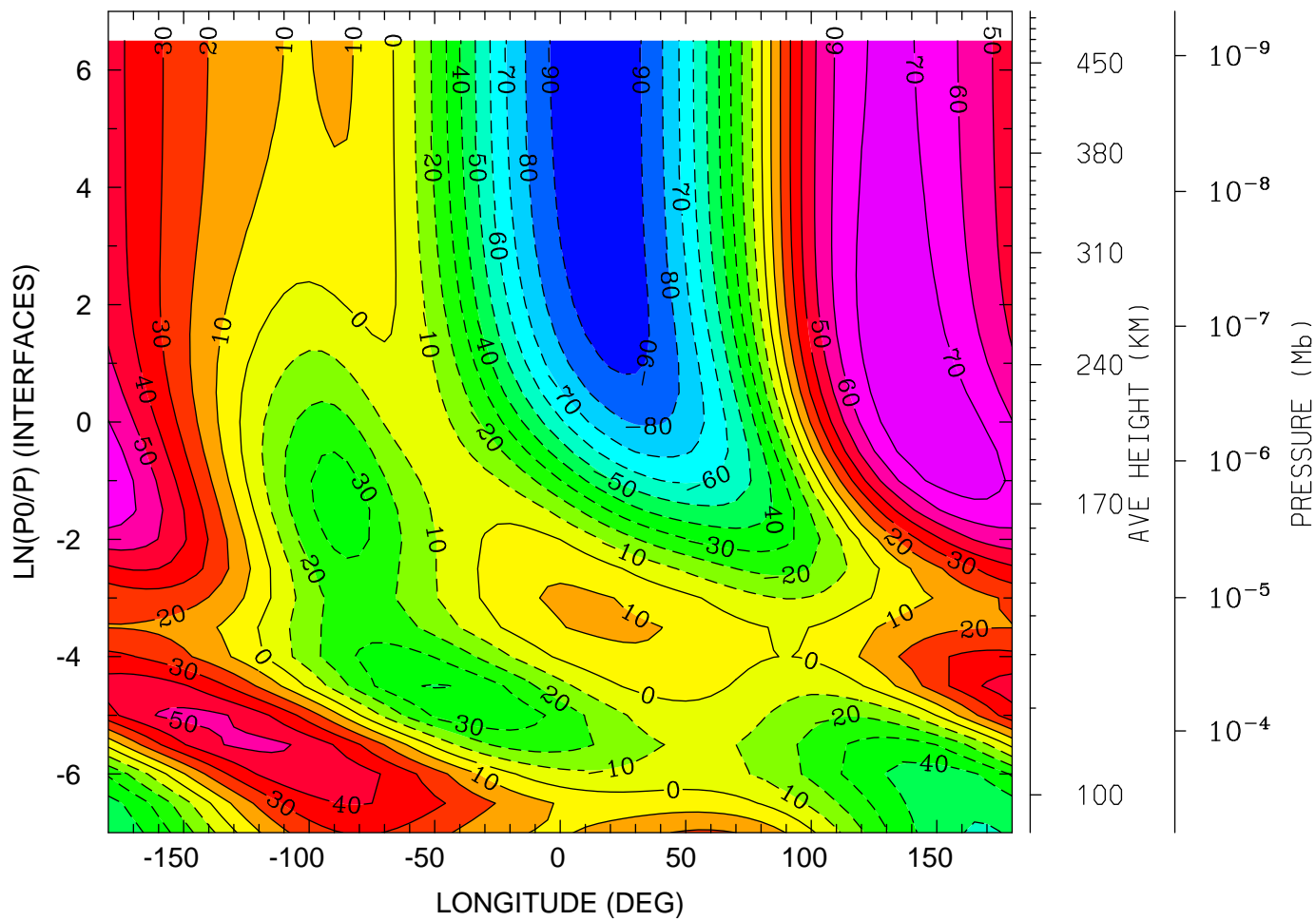
NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= -2.50 (DEG)



MIN,MAX= -2.6049E+01 2.3593E+01 INTERVAL= 4.0000E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc



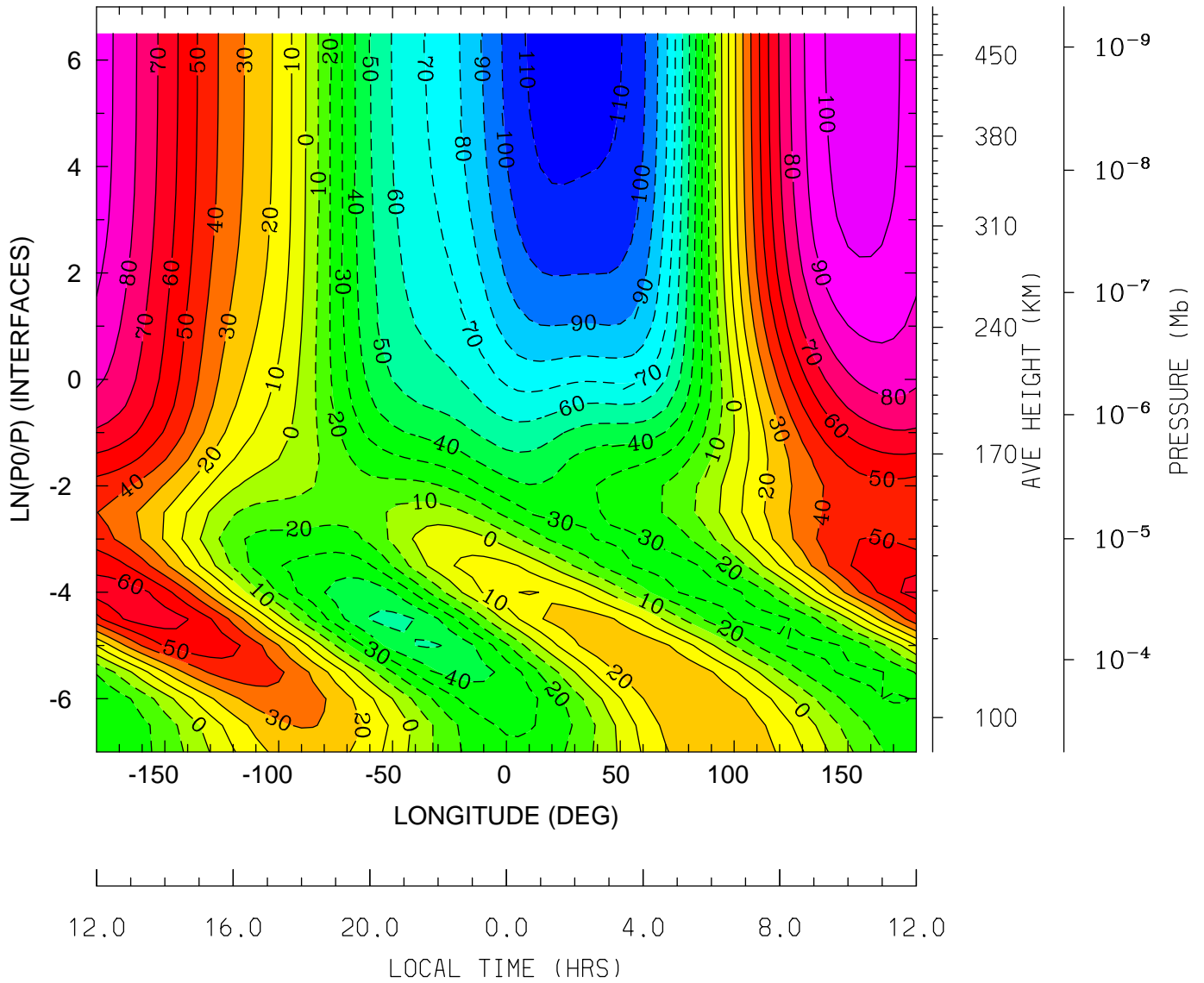
NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= 37.50 (DEG)



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

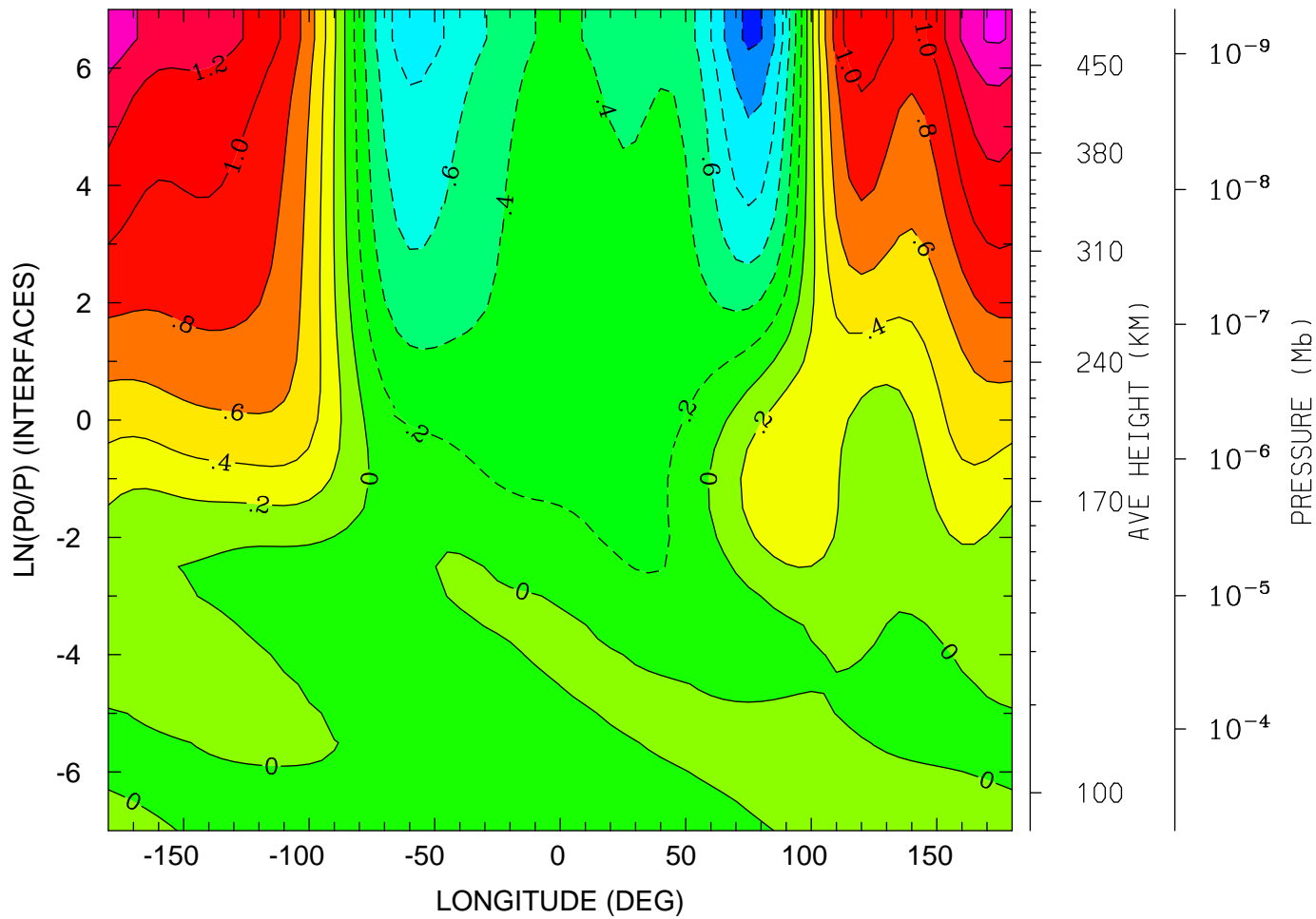
MIN,MAX= -9.8227E+01 7.8324E+01 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



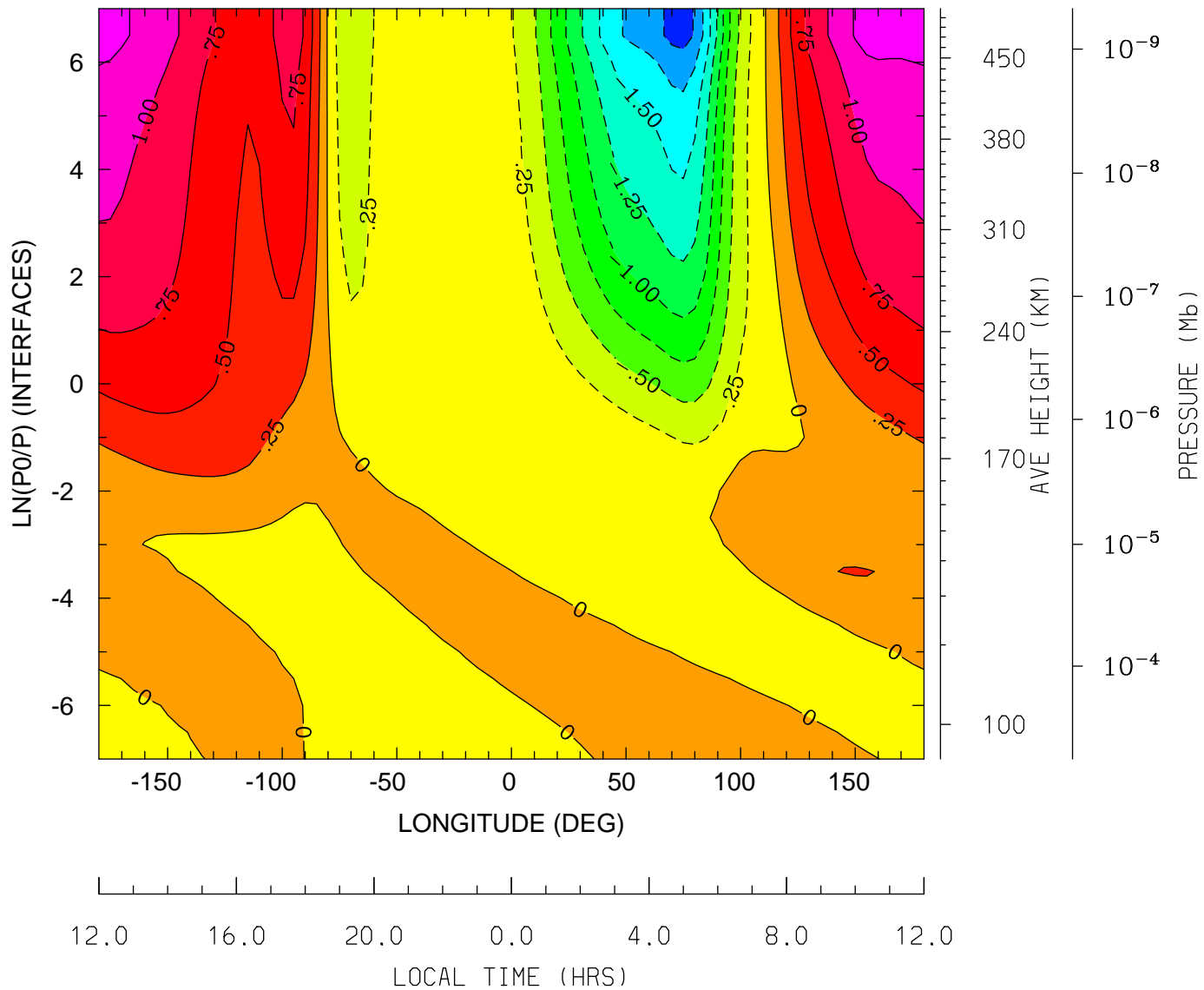
MIN,MAX= -1.1419E+02 1.0486E+02 INTERVAL= 1.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



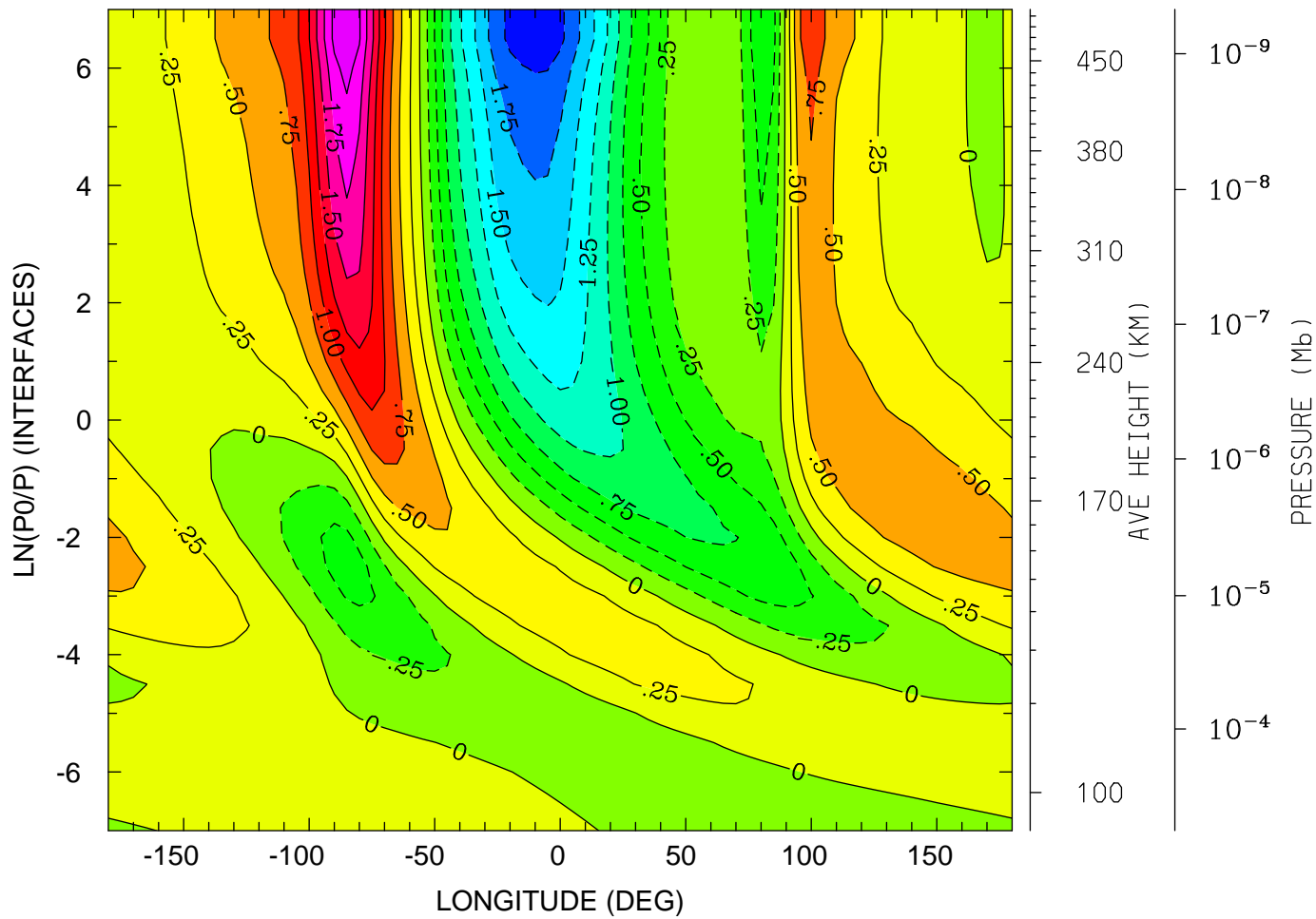
MIN,MAX= -1.2447E+00 1.6231E+00 INTERVAL= 2.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= -2.1093E+00 1.3654E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

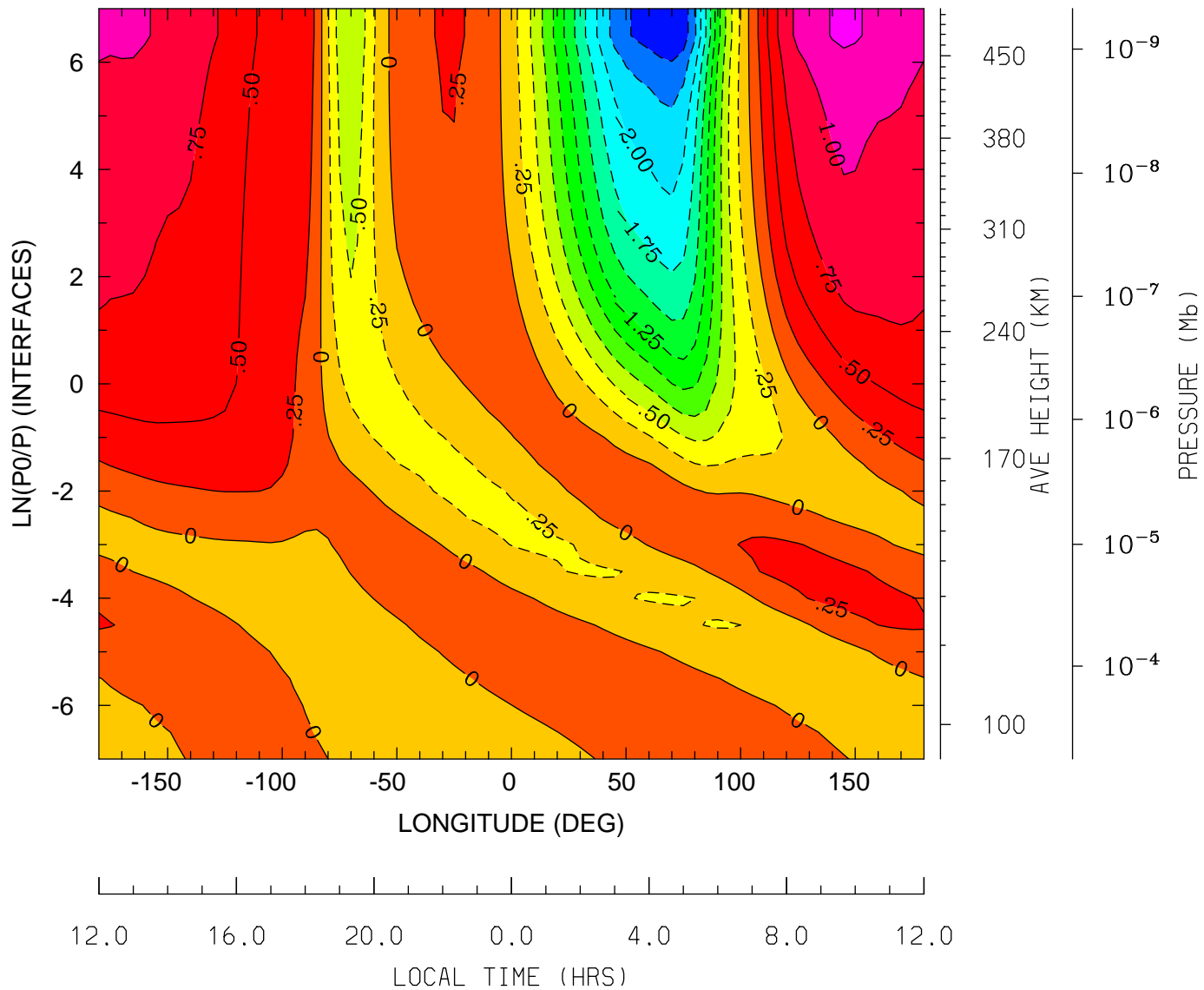
NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= -2.50 (DEG)



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

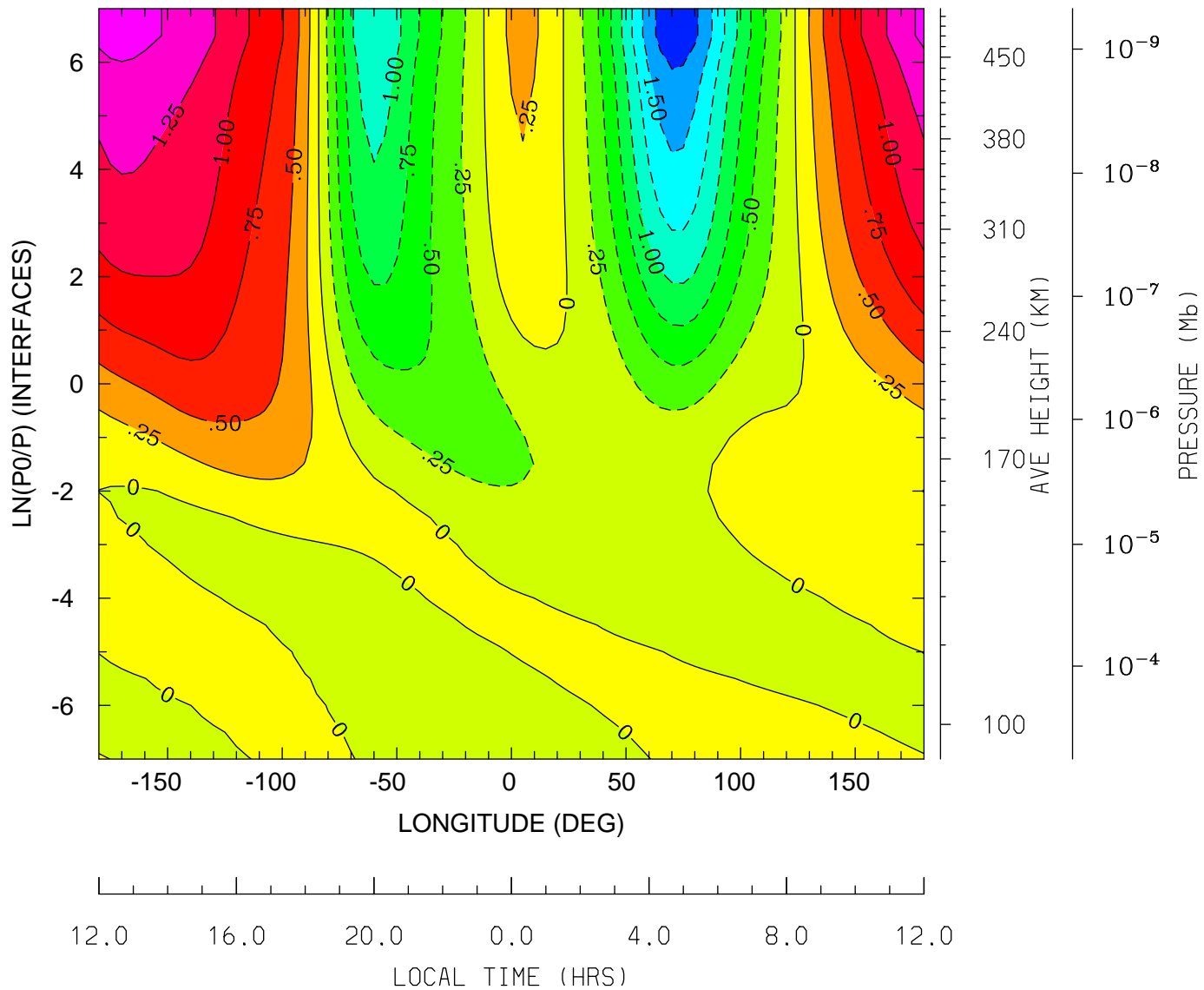
MIN,MAX= -2.1694E+00 2.2224E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



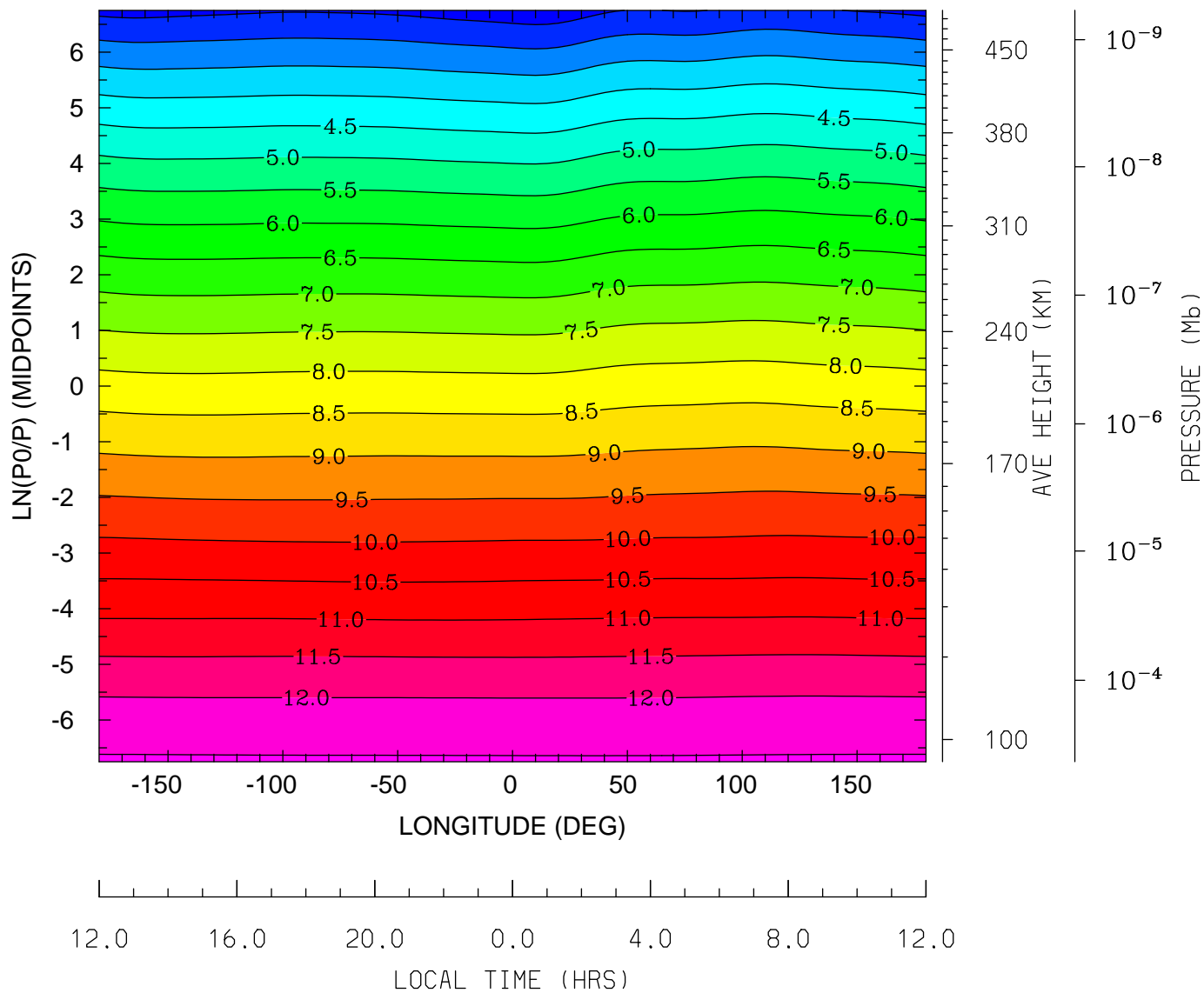
MIN,MAX= -2.7467E+00 1.3014E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= -1.9220E+00 1.6159E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

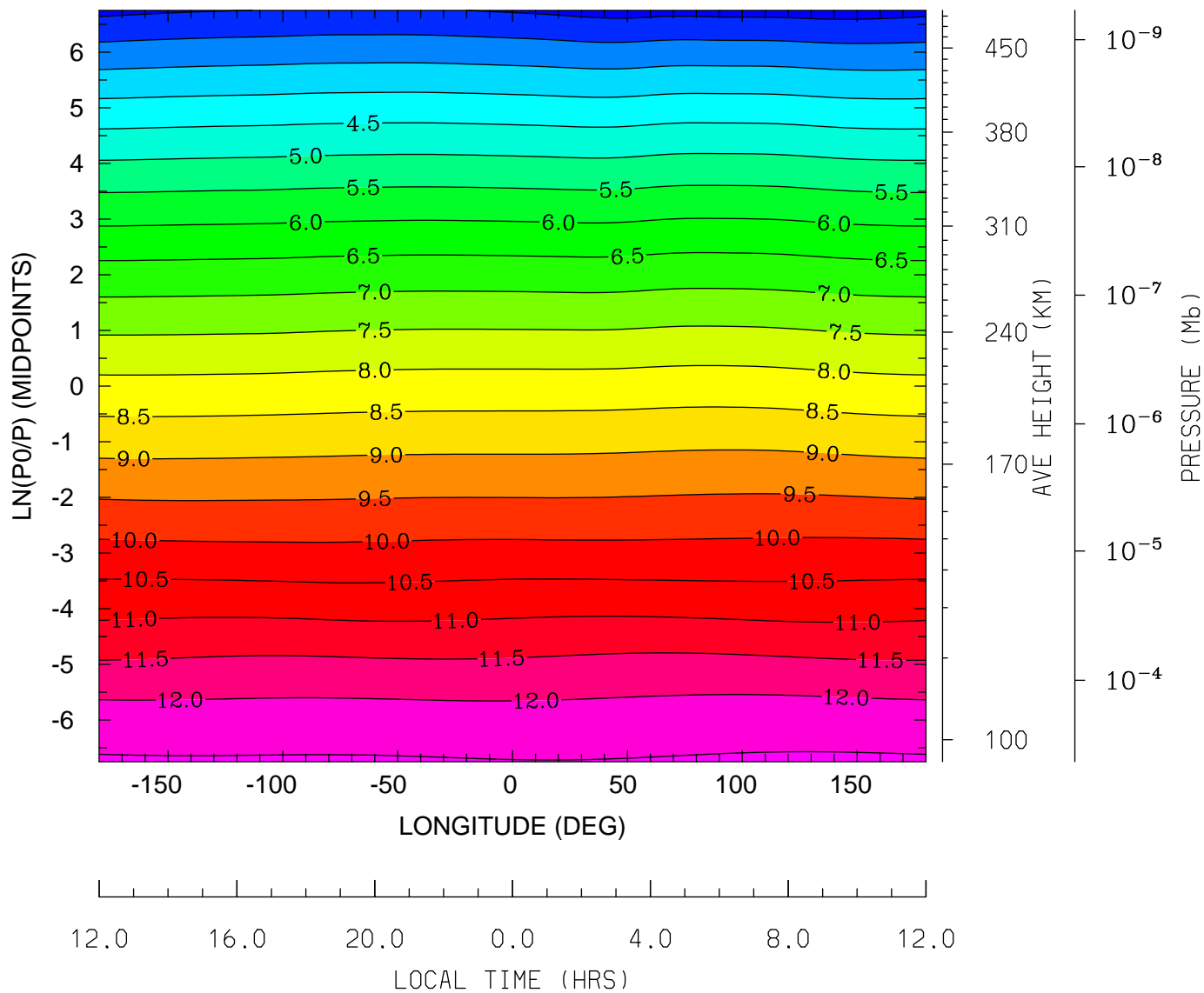
LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



MIN,MAX= 2.1941E+00 1.2552E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

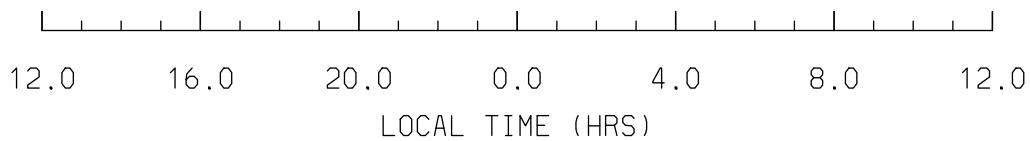
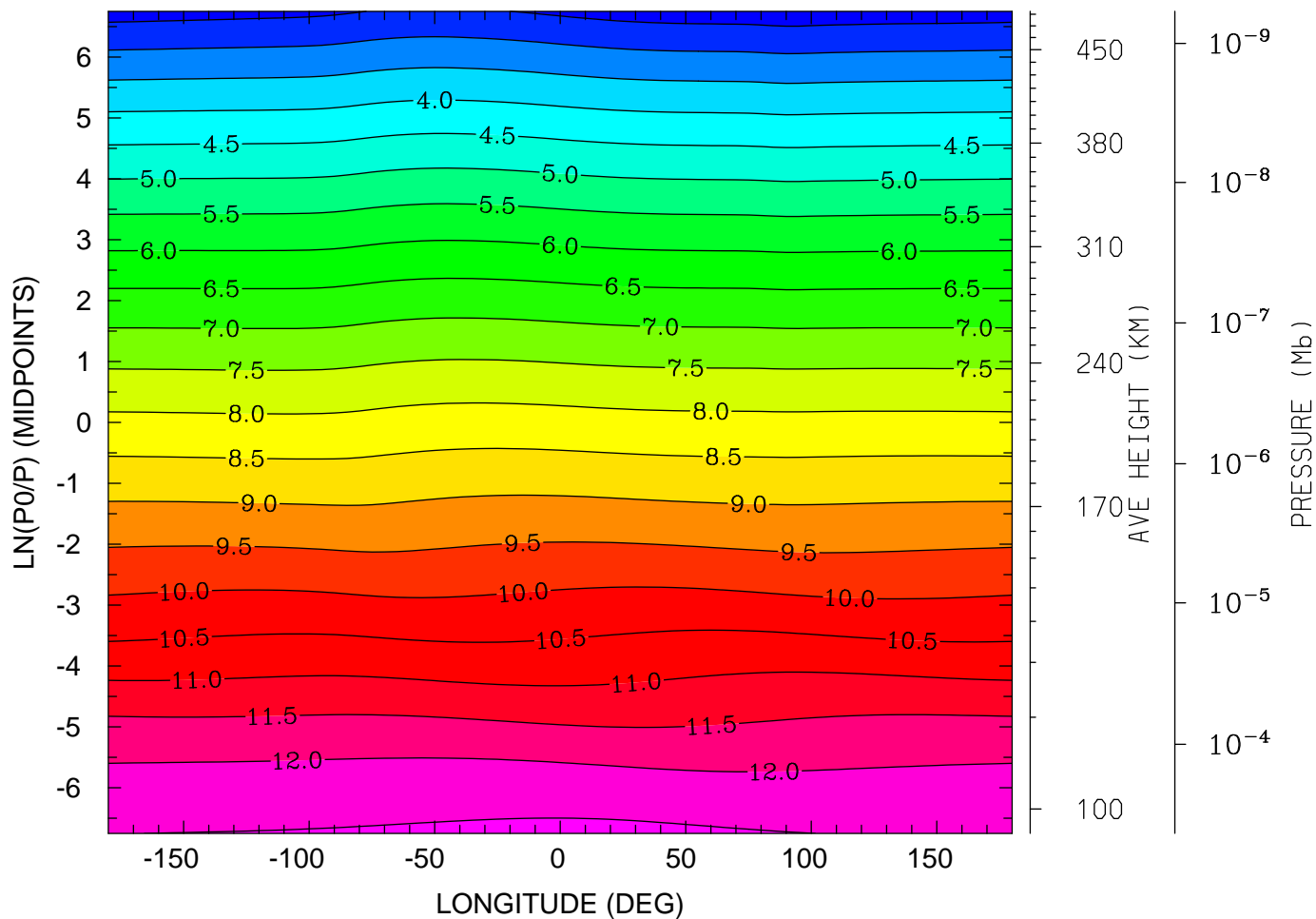


LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= -42.50 (DEG)



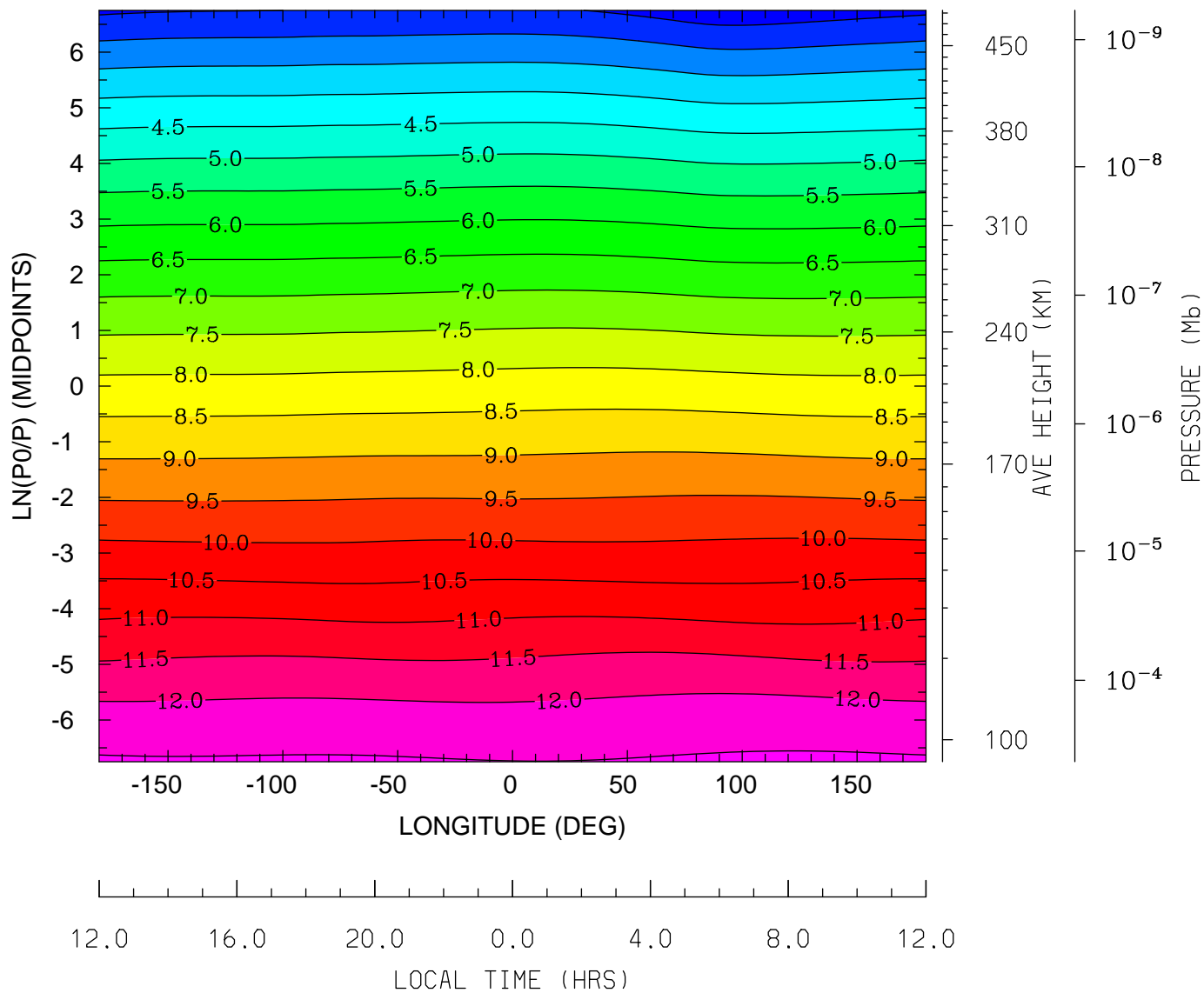
MIN,MAX= 2.3098E+00 1.2572E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



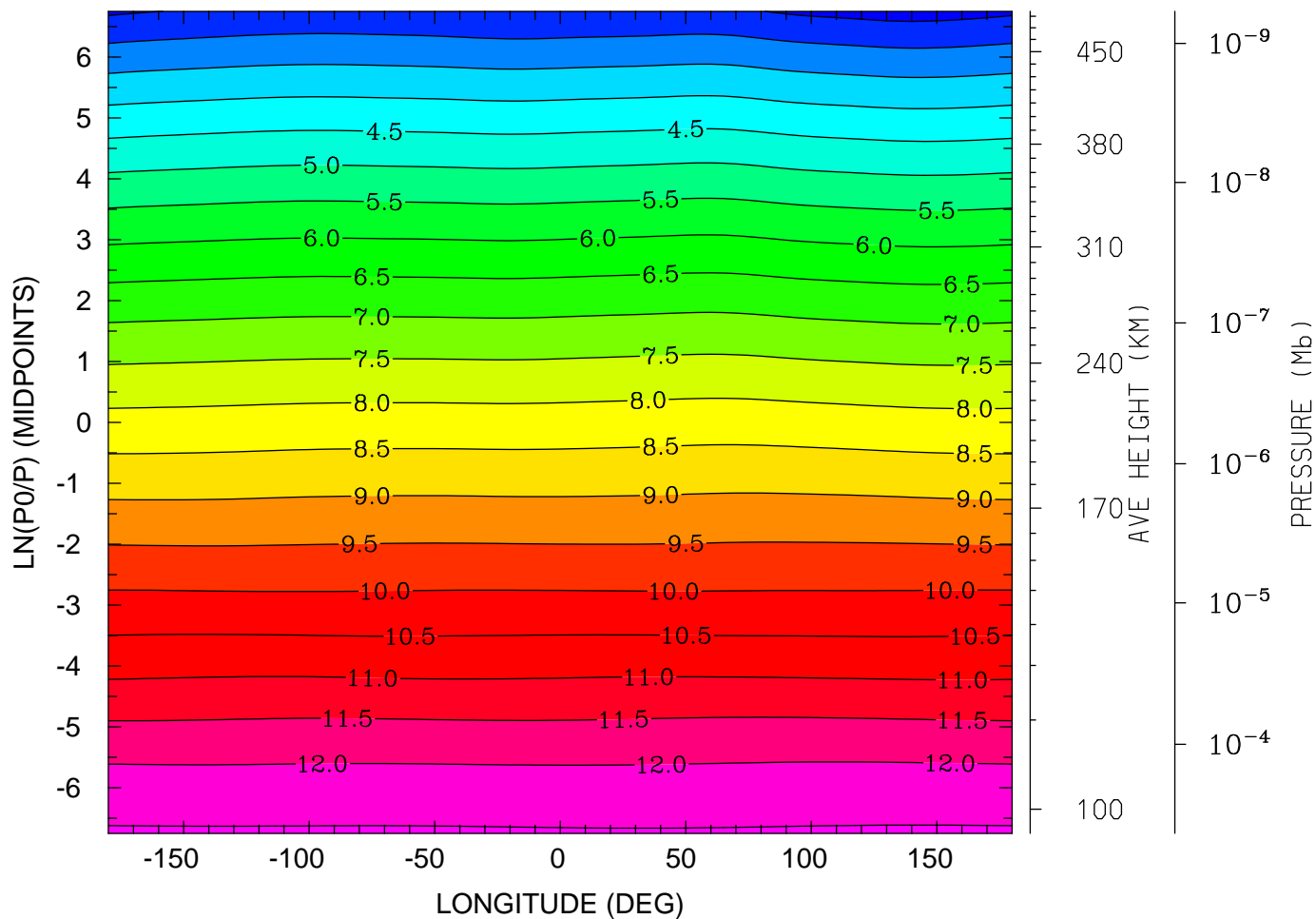
MIN,MAX= 2.2178E+00 1.2606E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 2.1725E+00 1.2579E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

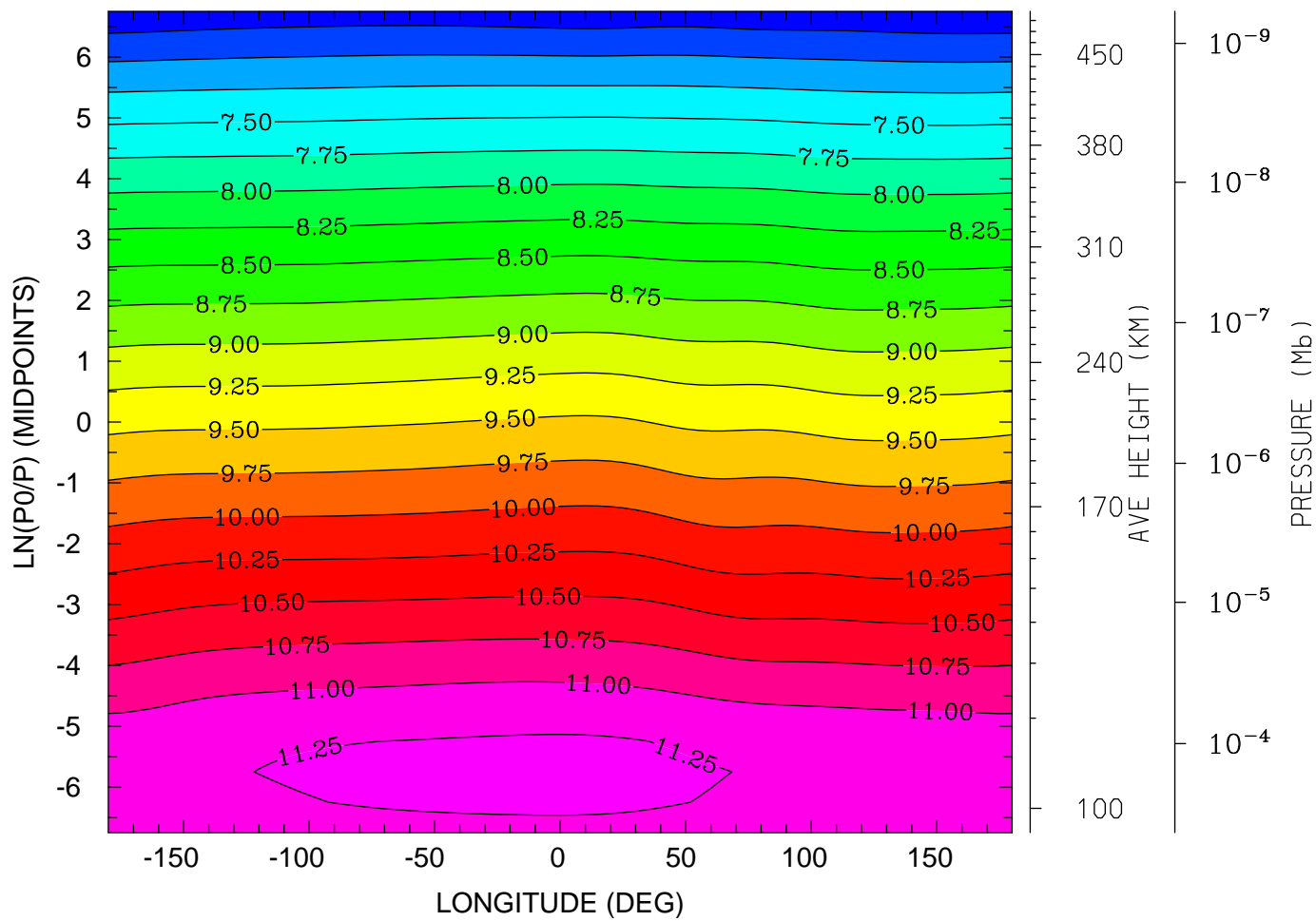
LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= 57.50 (DEG)



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

MIN,MAX= 2.3090E+00 1.2553E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

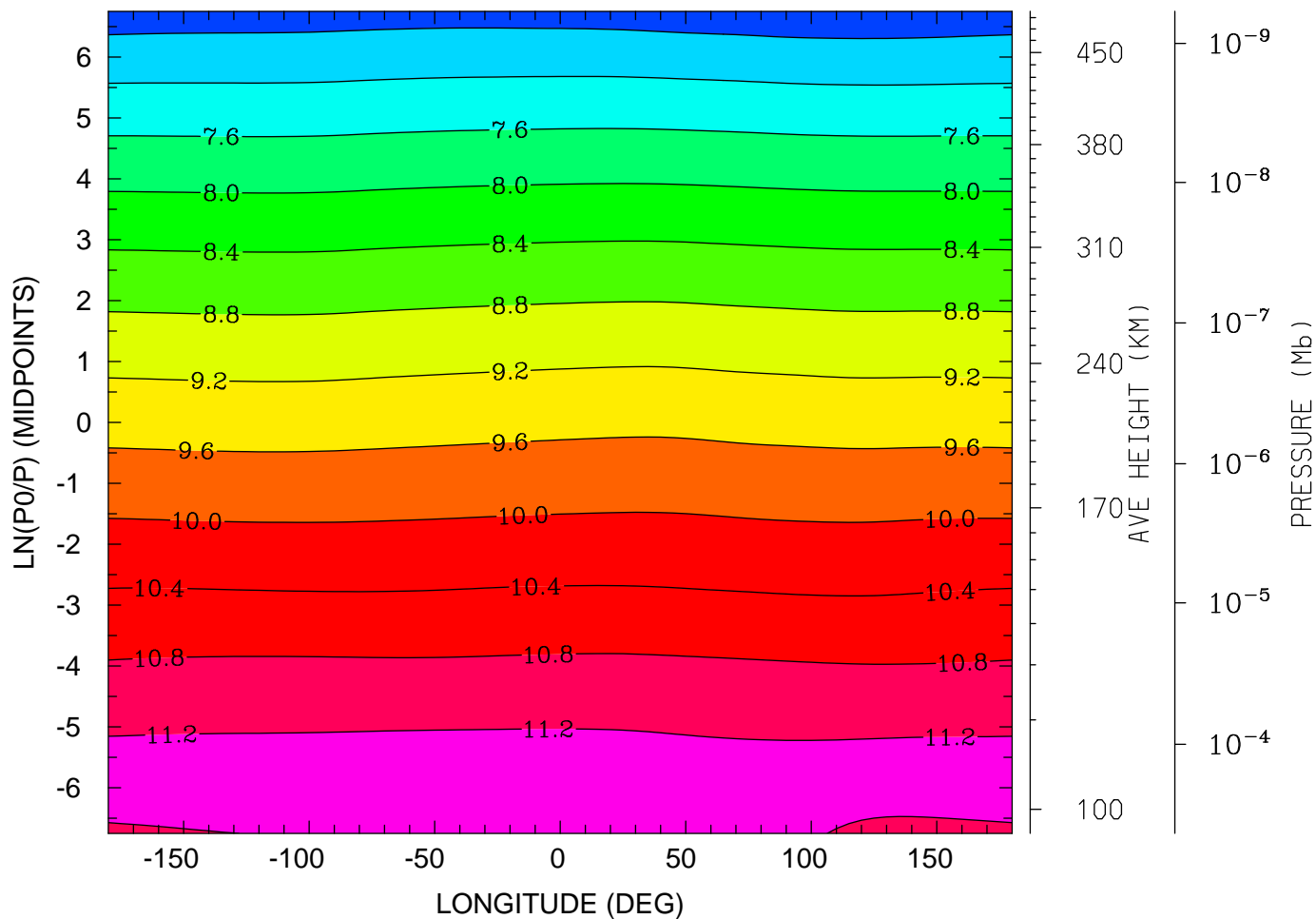
LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



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

MIN,MAX= 6.5393E+00 1.1329E+01 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

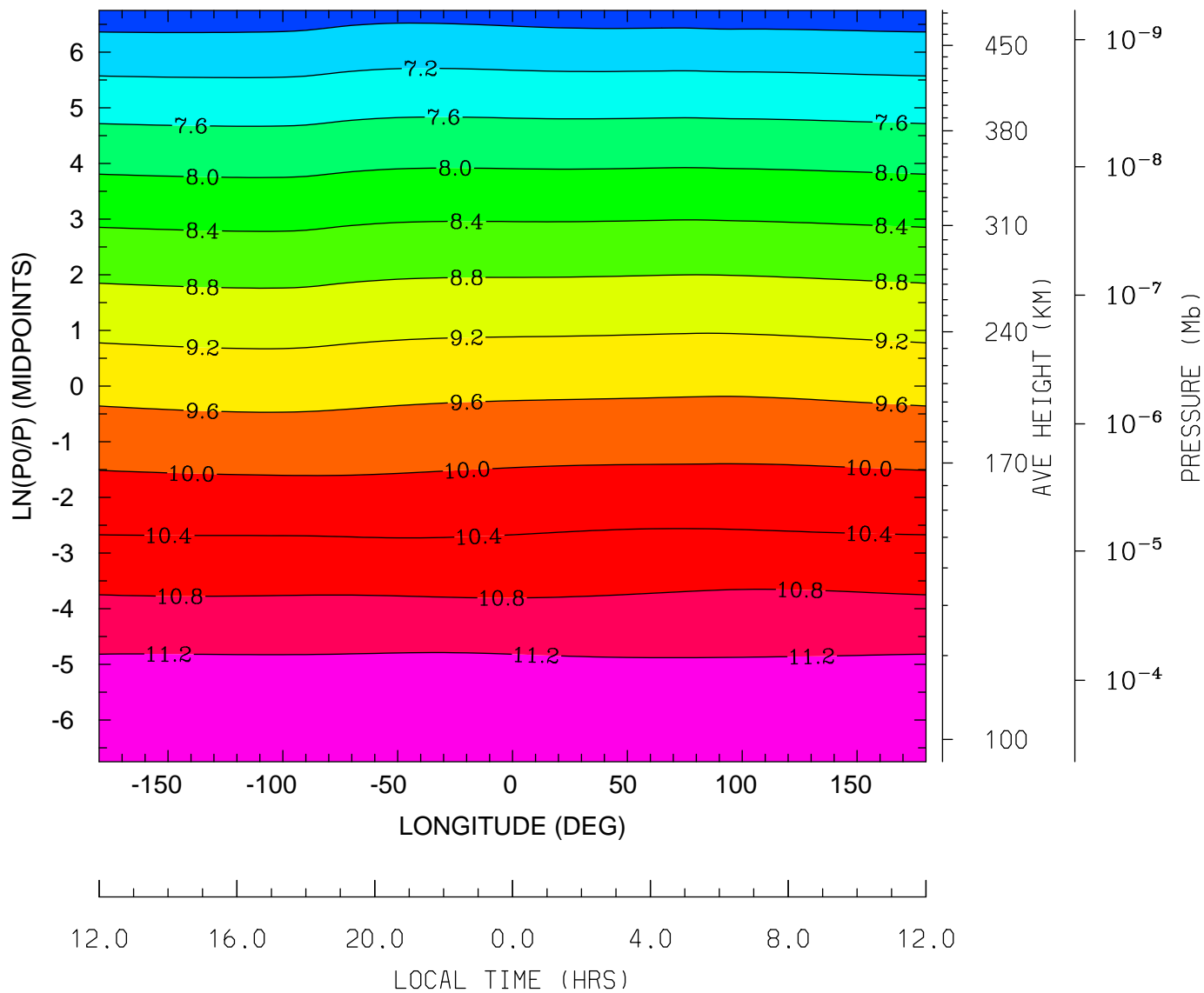
LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= -42.50 (DEG)



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

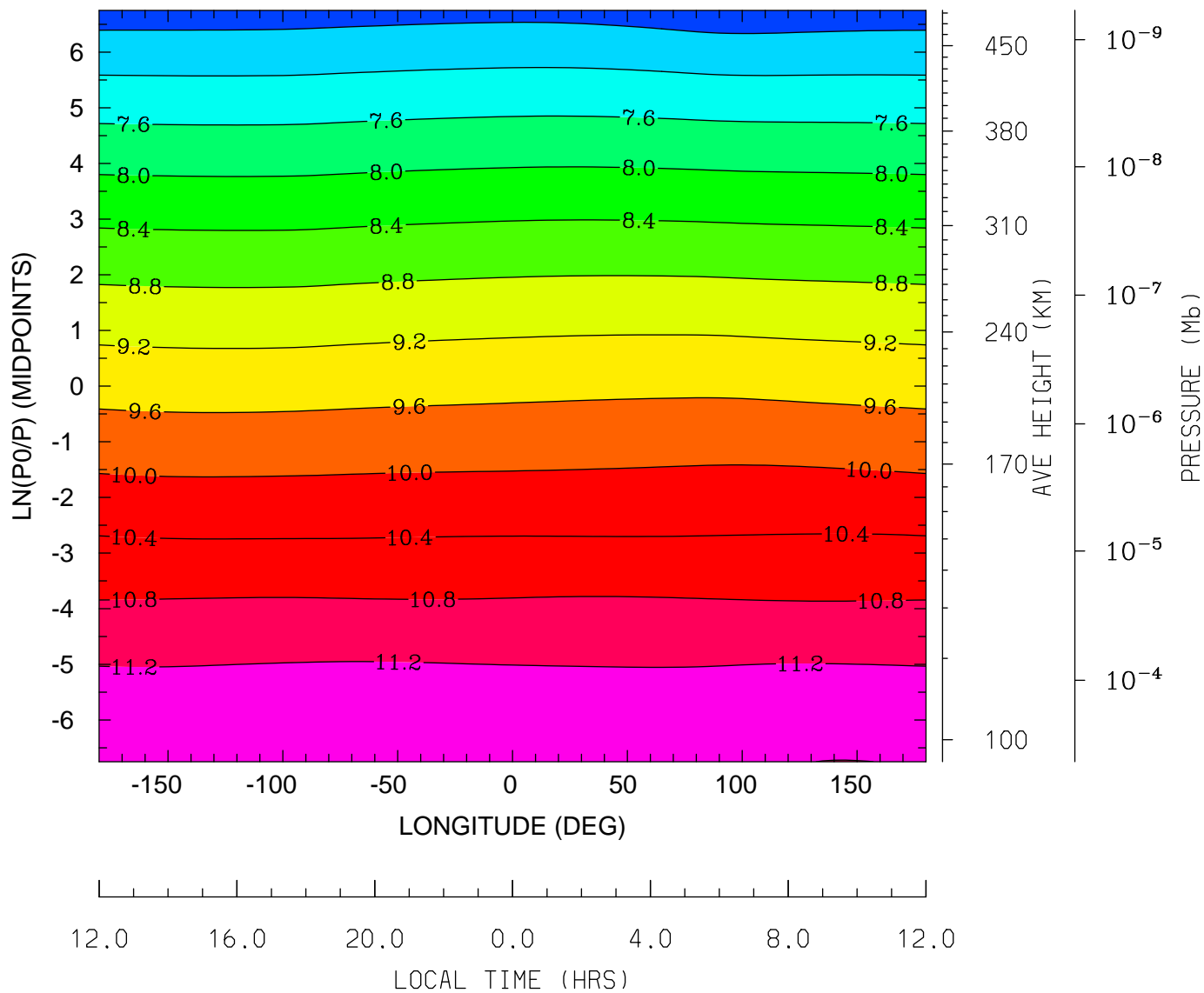
MIN,MAX= 6.5380E+00 1.1373E+01 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 6.5847E+00 1.1529E+01 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

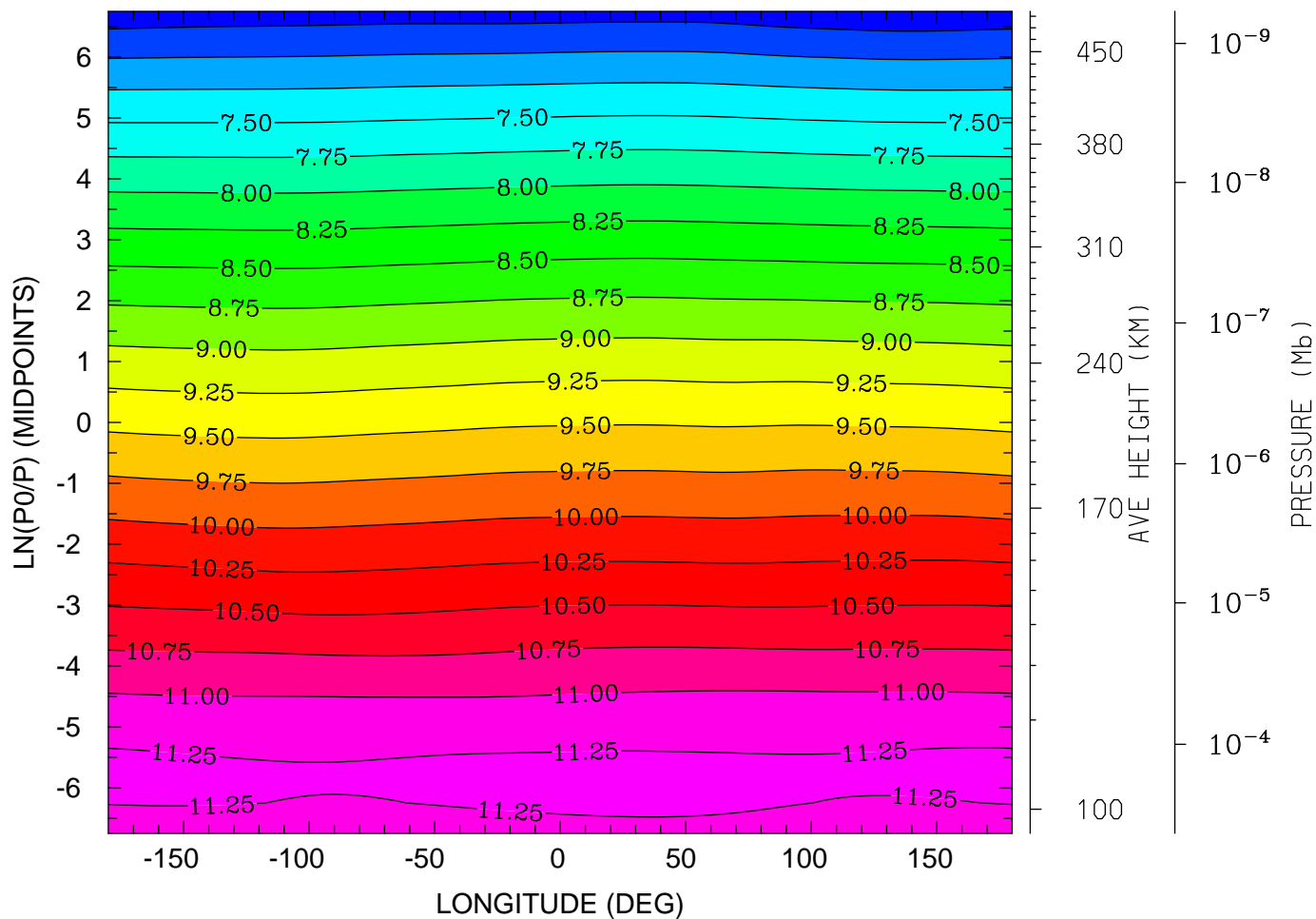
LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= 37.50 (DEG)



MIN,MAX= 6.5541E+00 1.1418E+01 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc



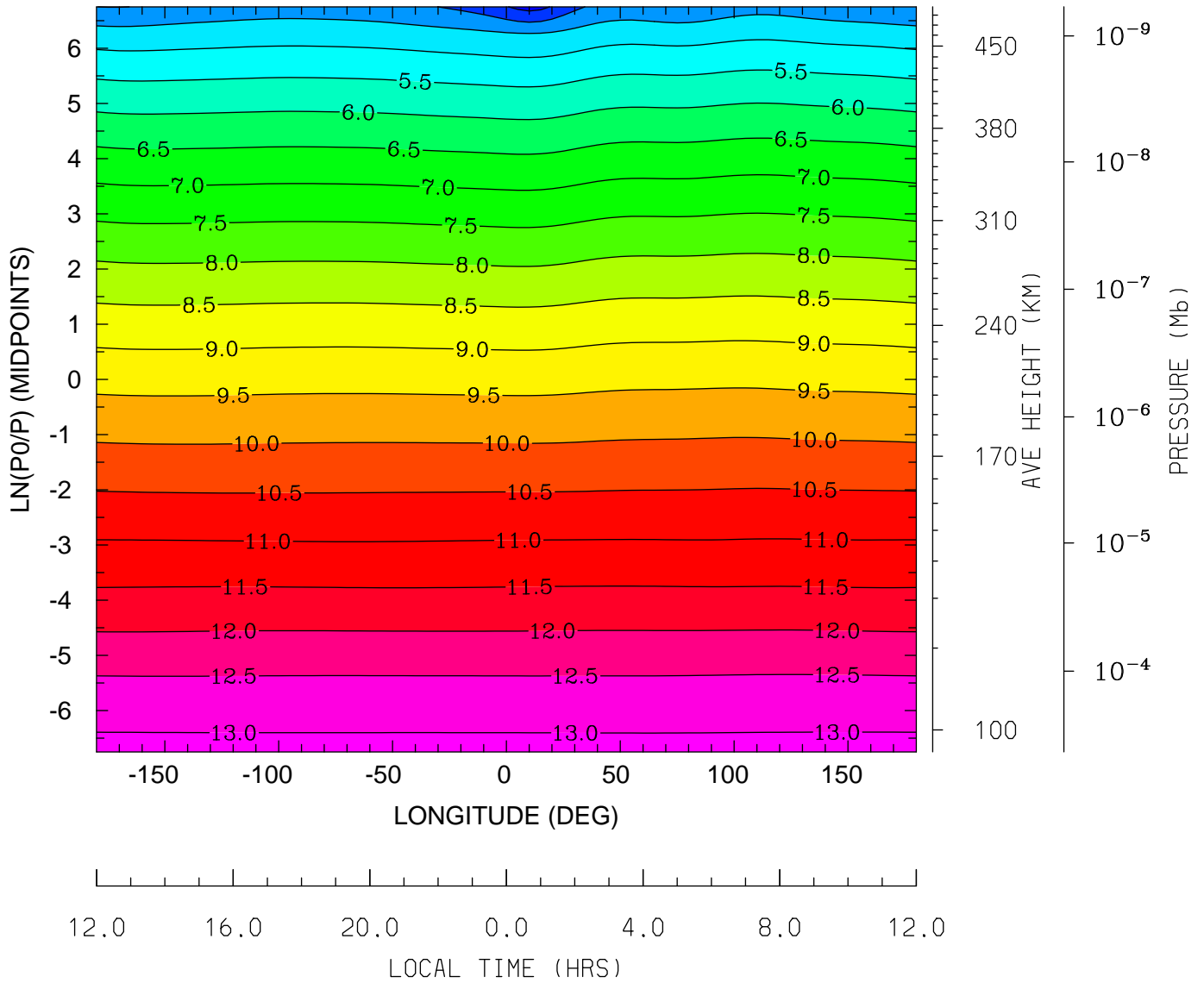
LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= 57.50 (DEG)



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

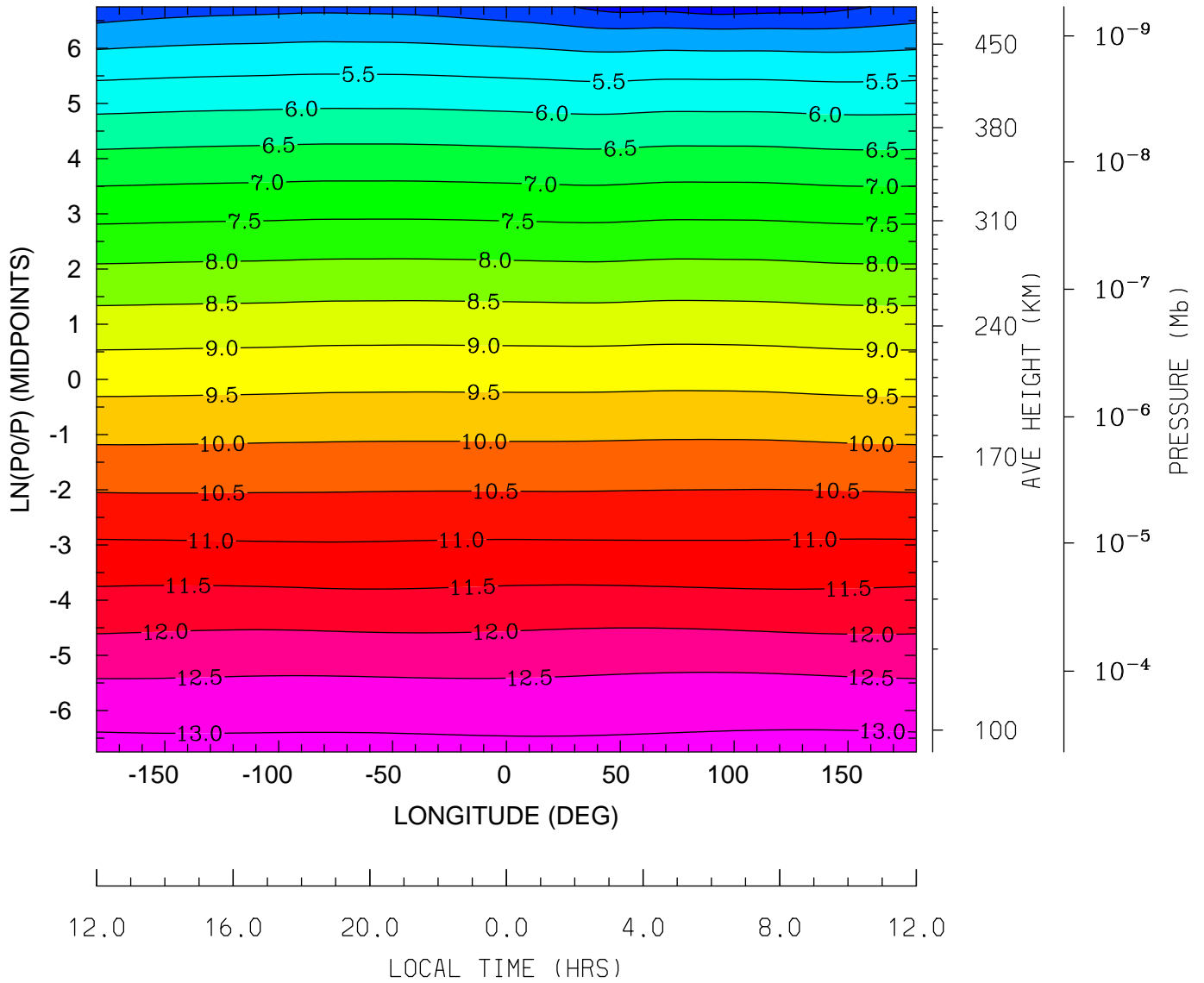
MIN,MAX= 6.5651E+00 1.1301E+01 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



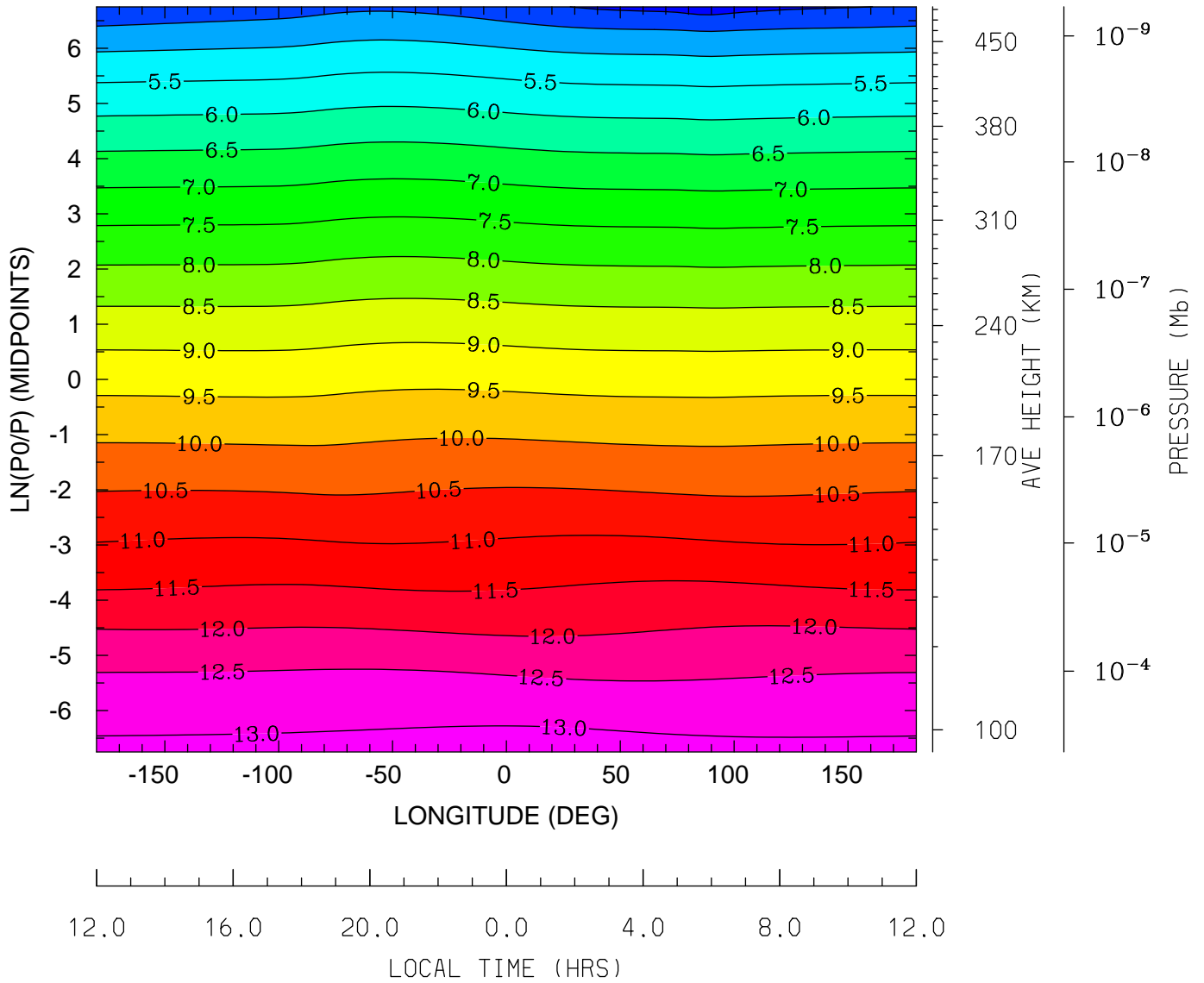
MIN,MAX= 3.3165E+00 1.3132E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



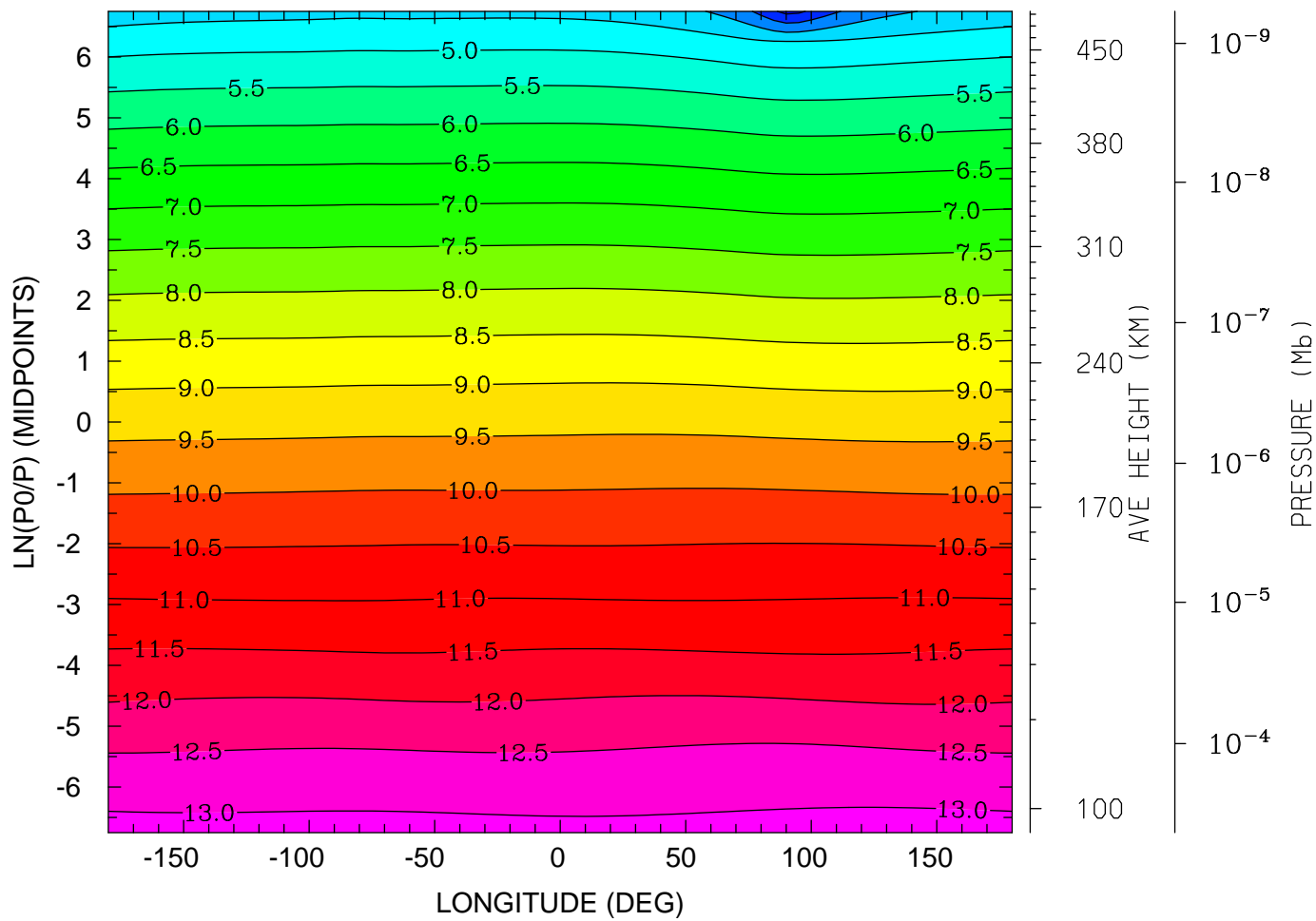
MIN,MAX= 3.7443E+00 1.3154E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



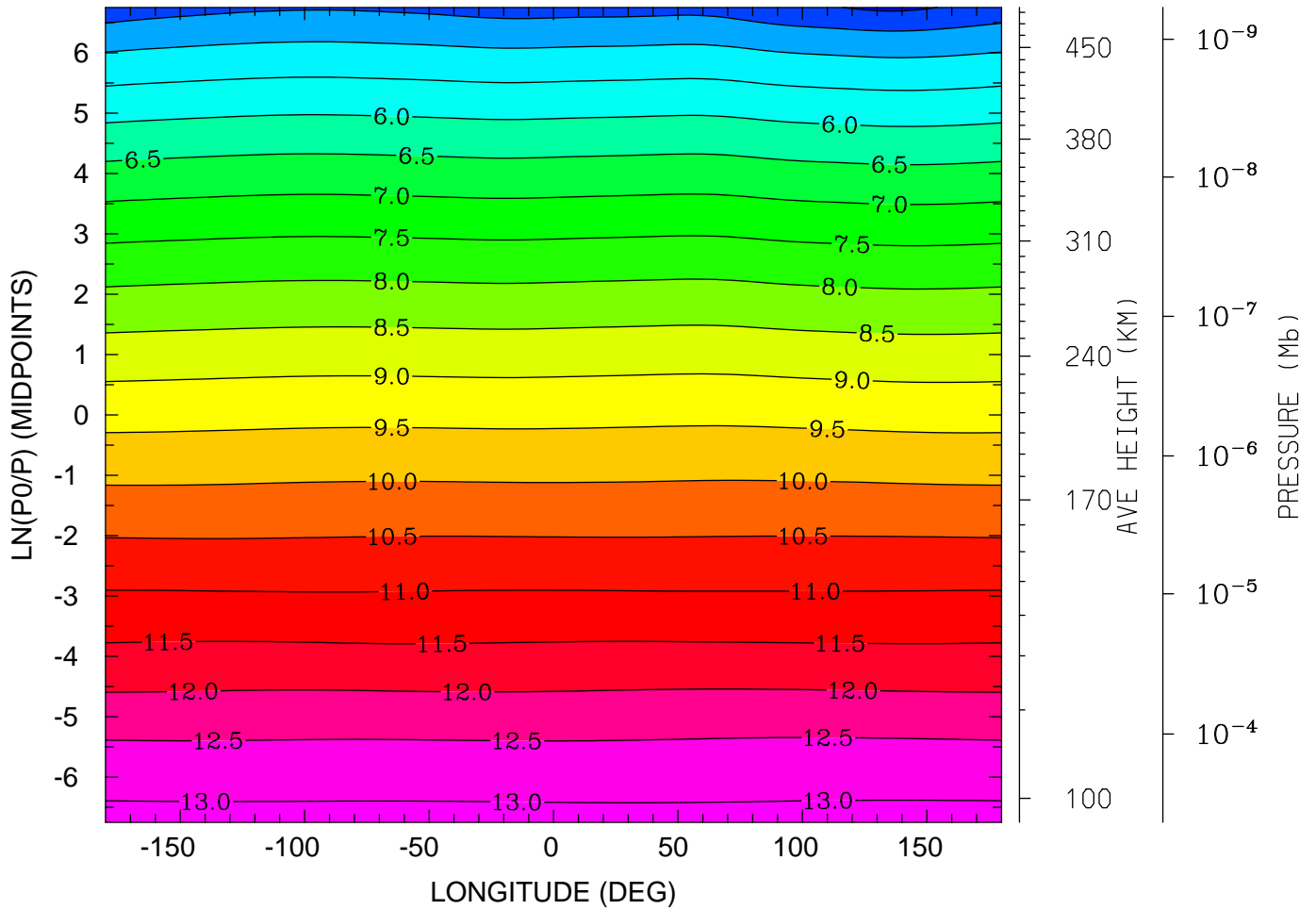
MIN,MAX= 3.7583E+00 1.3188E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 2.8563E+00 1.3161E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

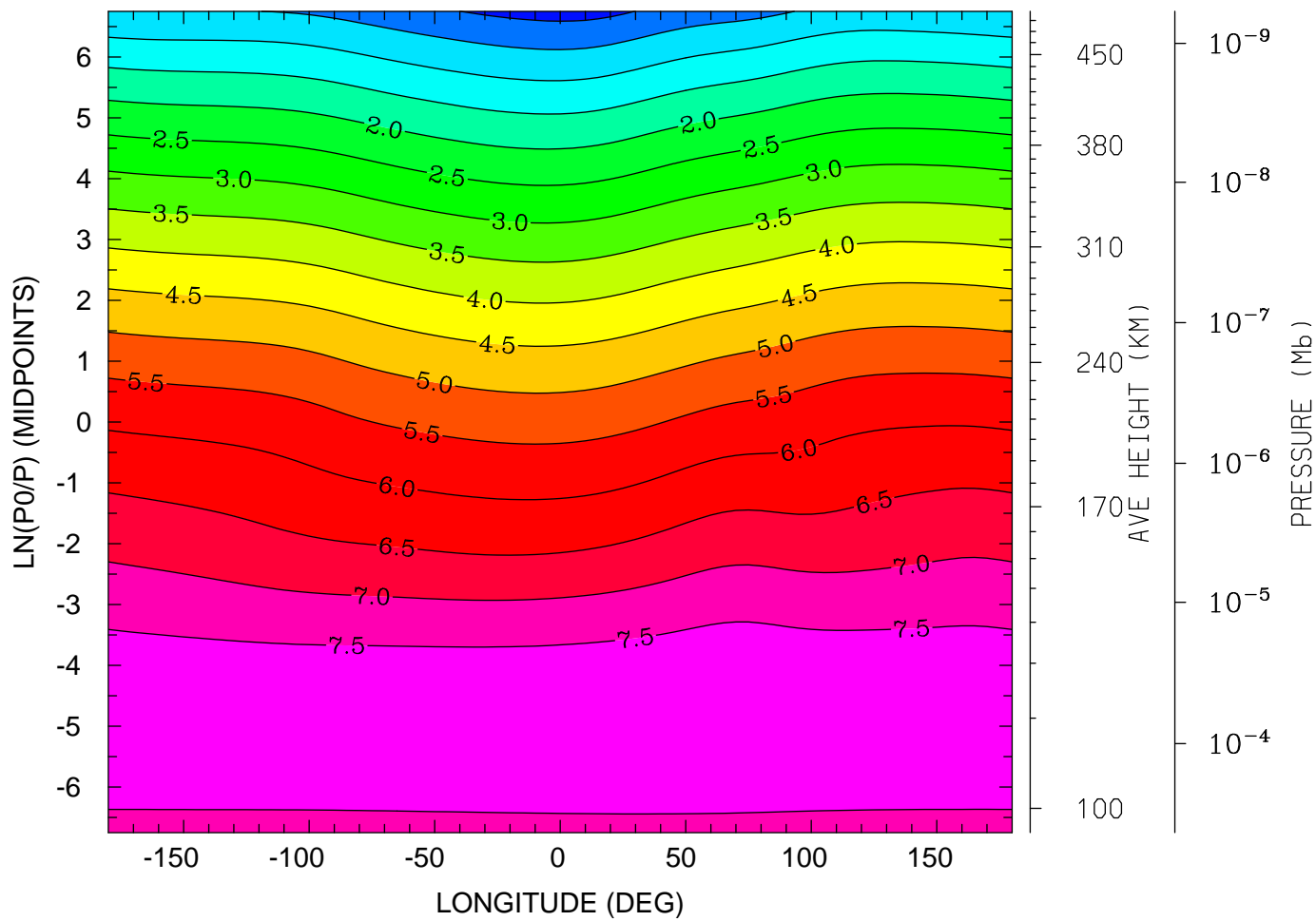
LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= 57.50 (DEG)



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

MIN,MAX= 3.9067E+00 1.3135E+01 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

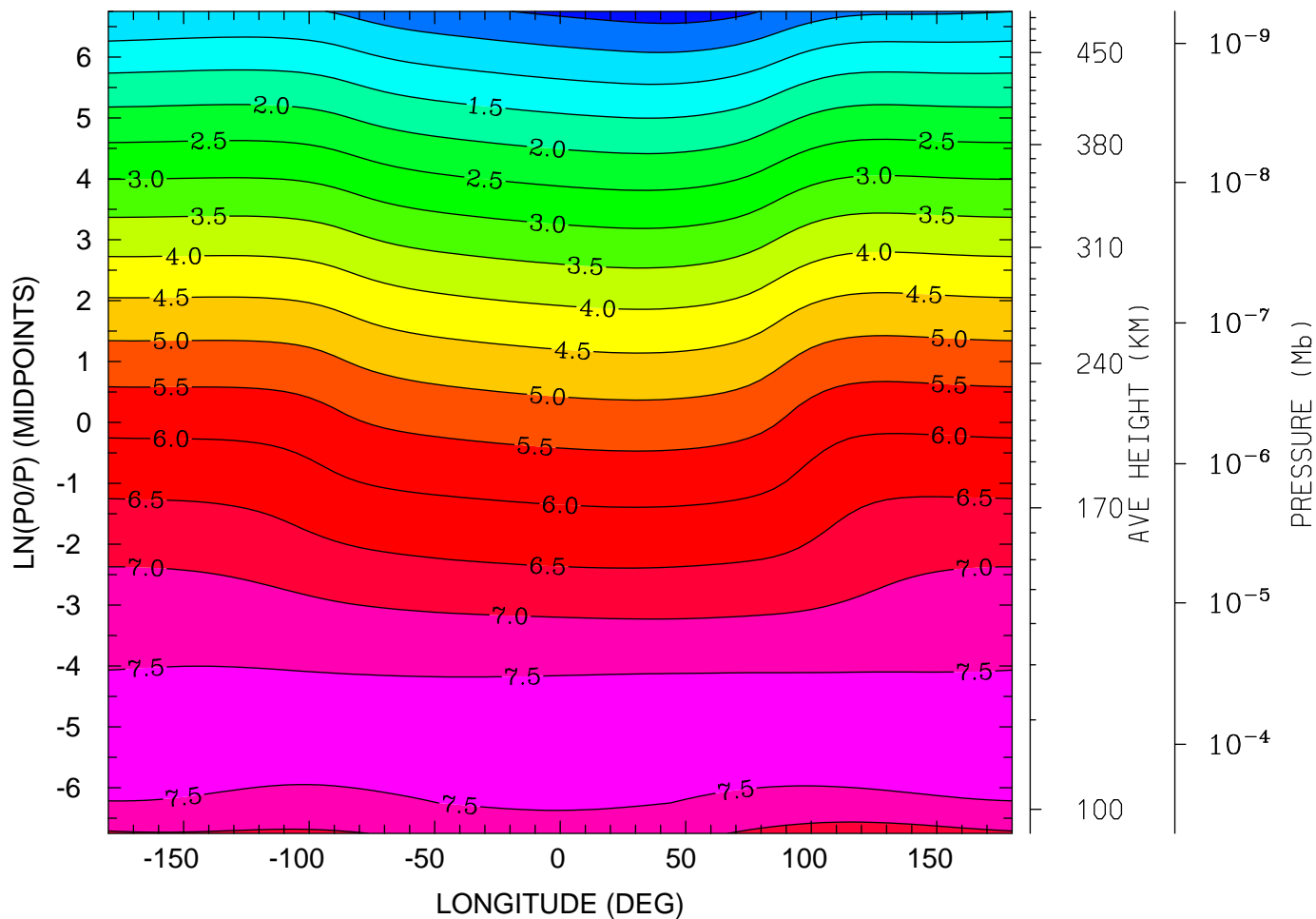
LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



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

MIN,MAX= -1.7904E-01 8.0019E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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

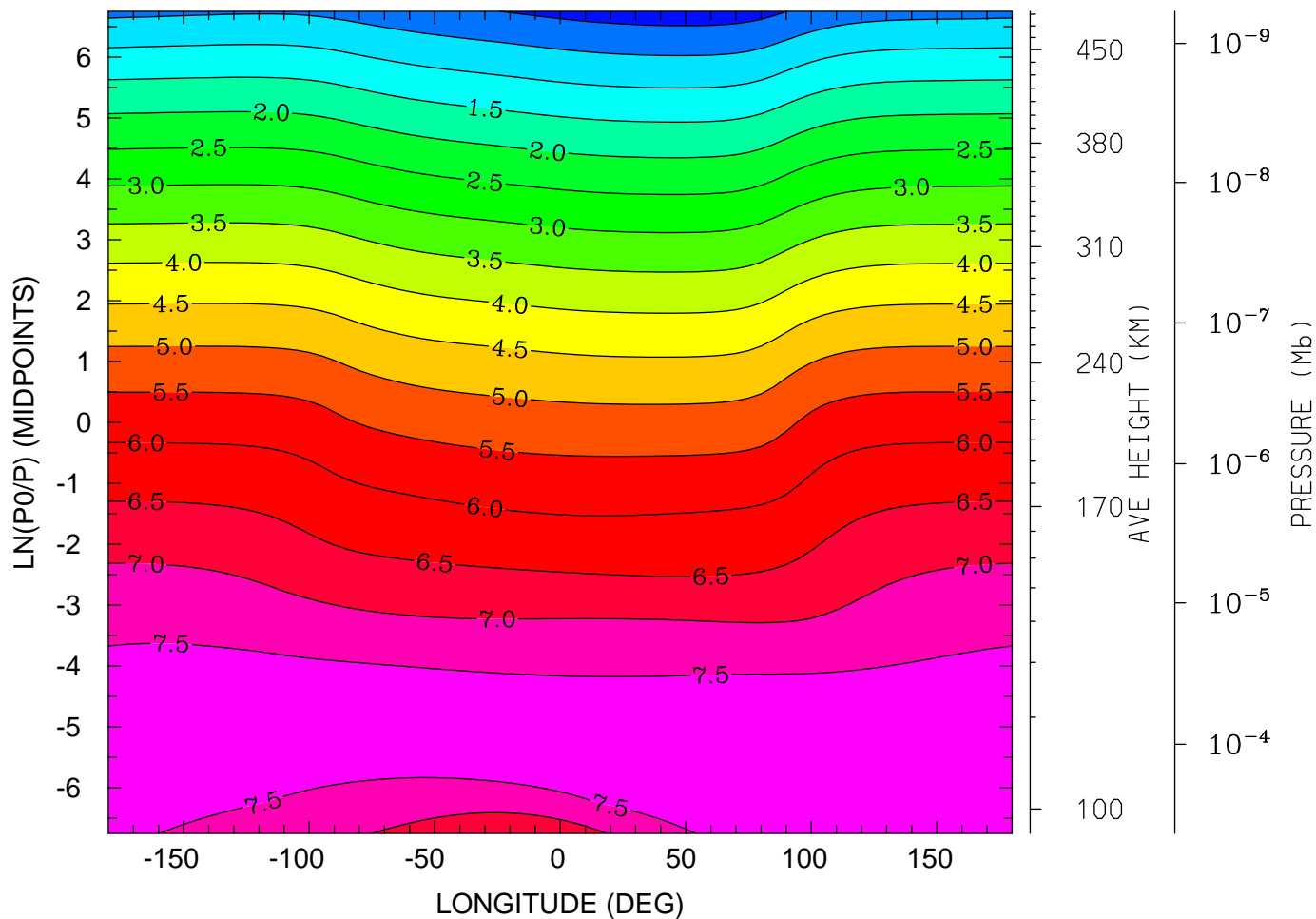


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -2.1369E-01 7.8093E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

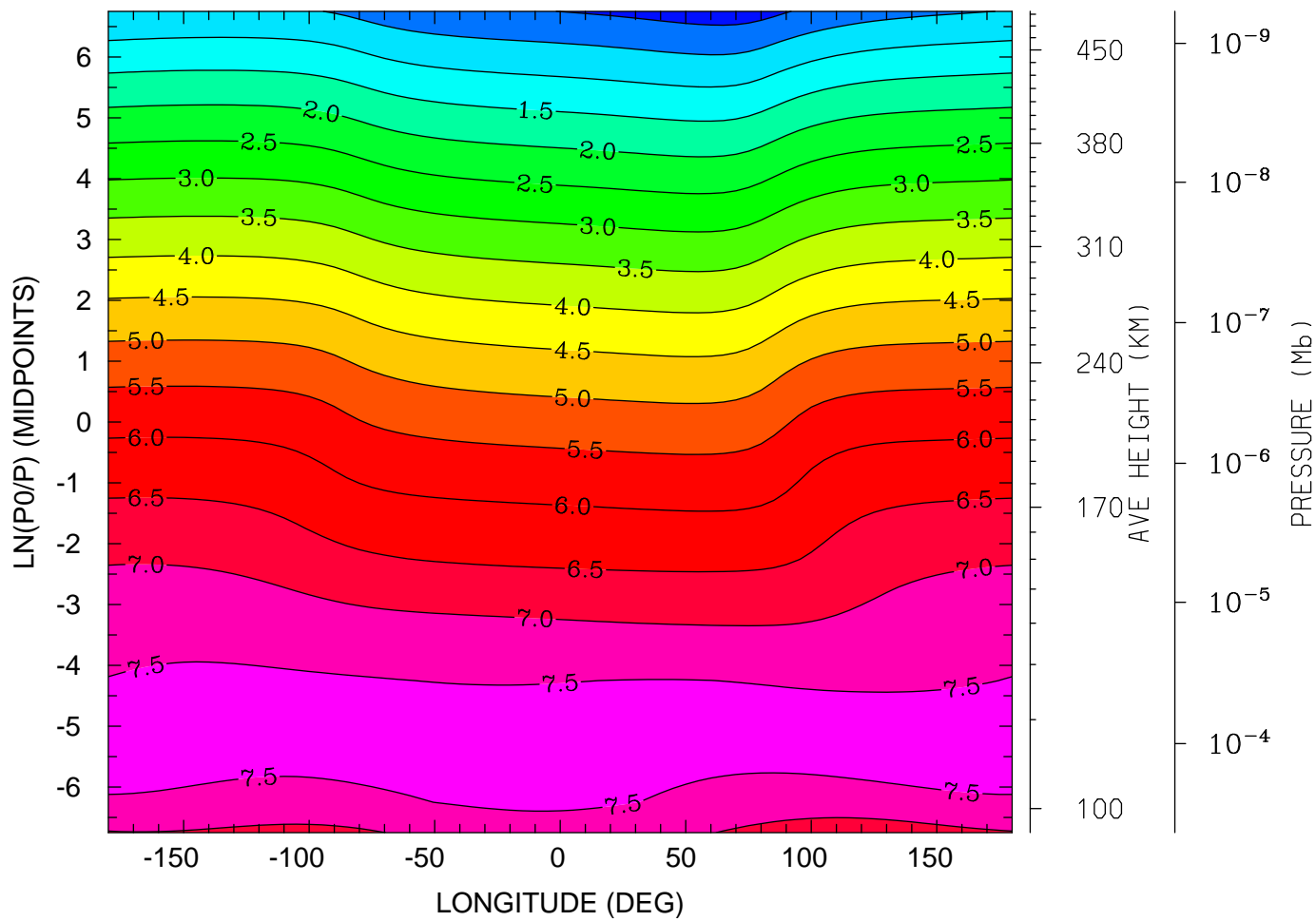


LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= -2.50 (DEG)



MIN,MAX= -2.5022E-01 7.8722E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

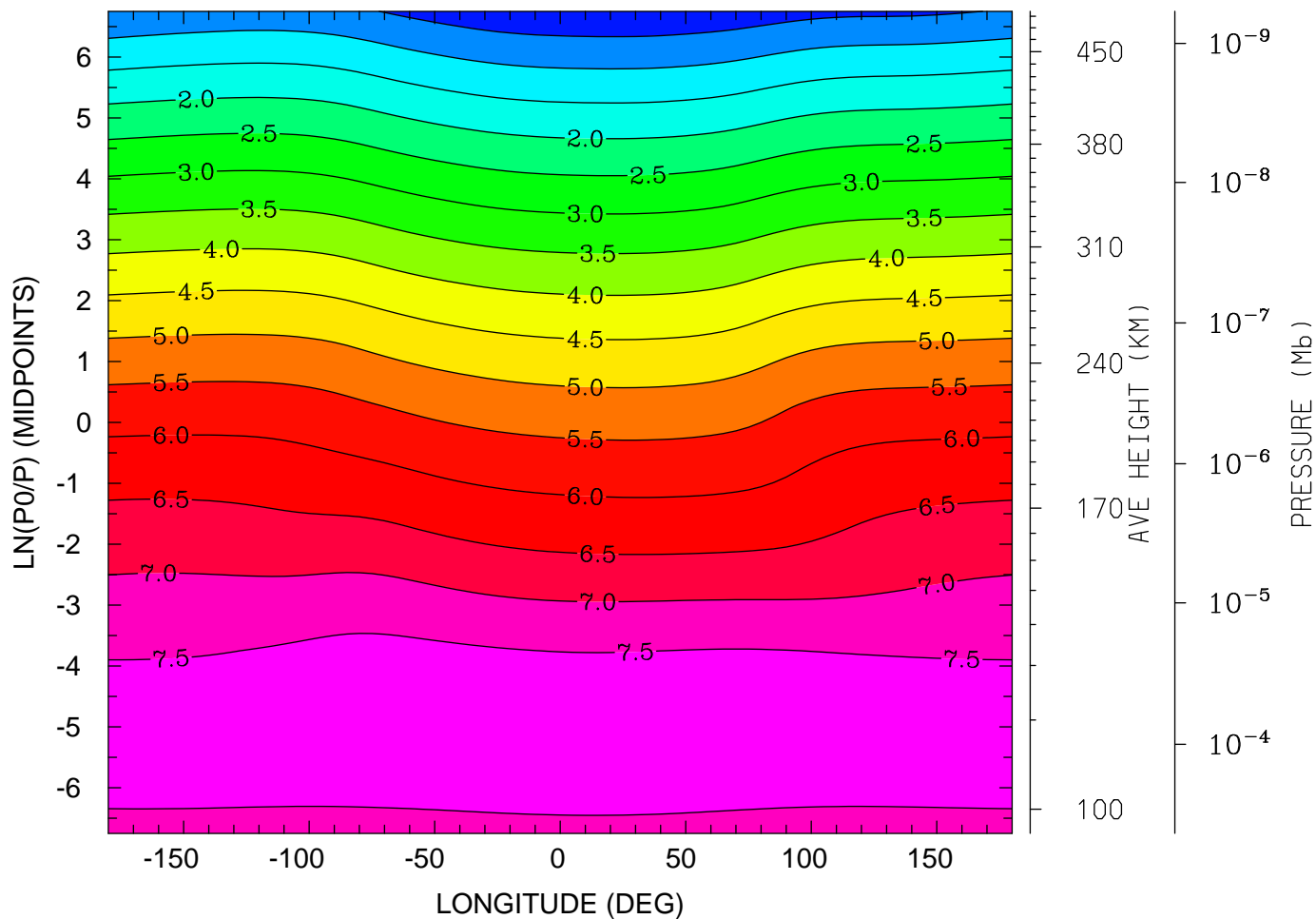
LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 37.50 (DEG)



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

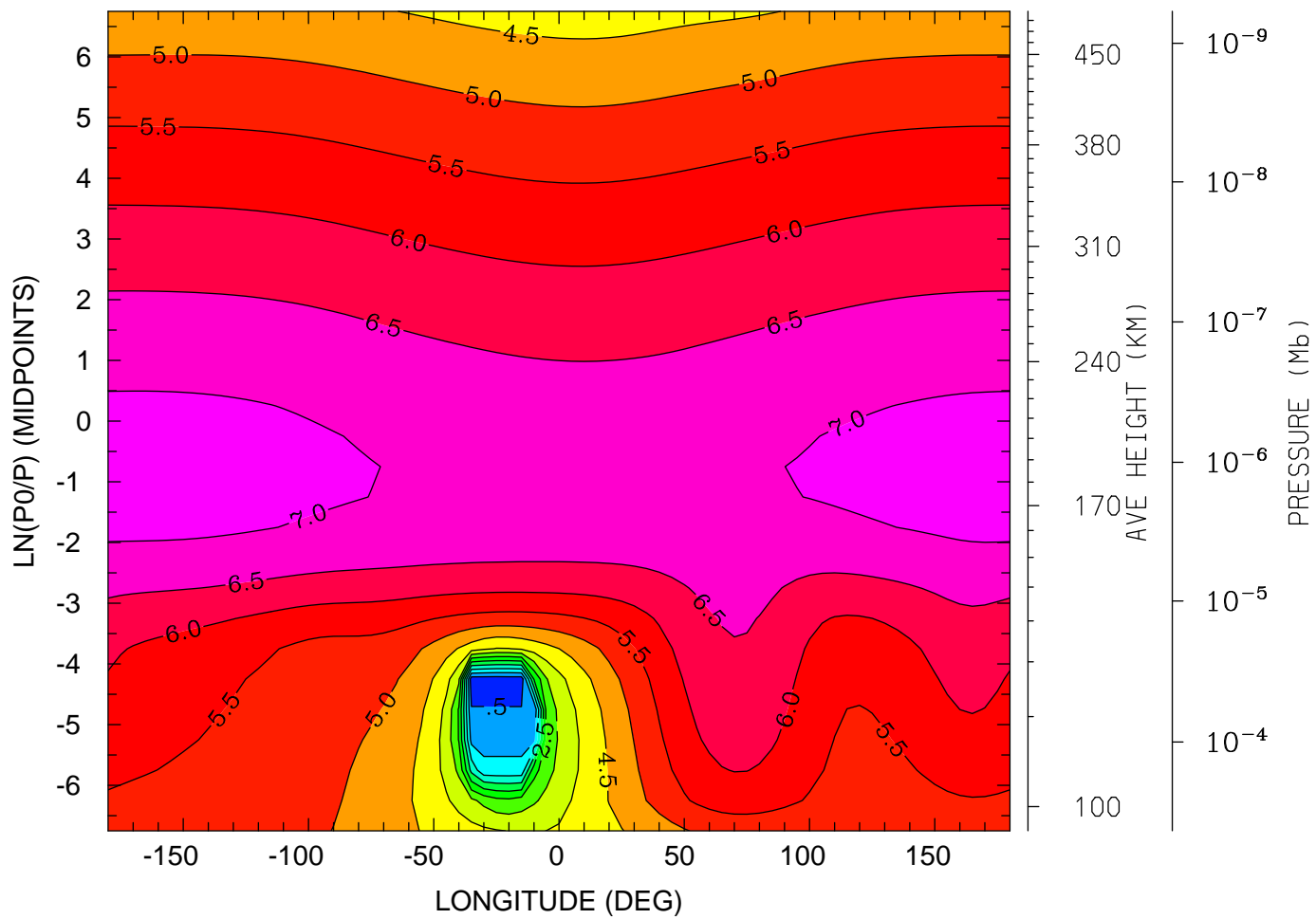
MIN,MAX= -2.4411E-01 7.7026E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 8.2573E-02 7.9473E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

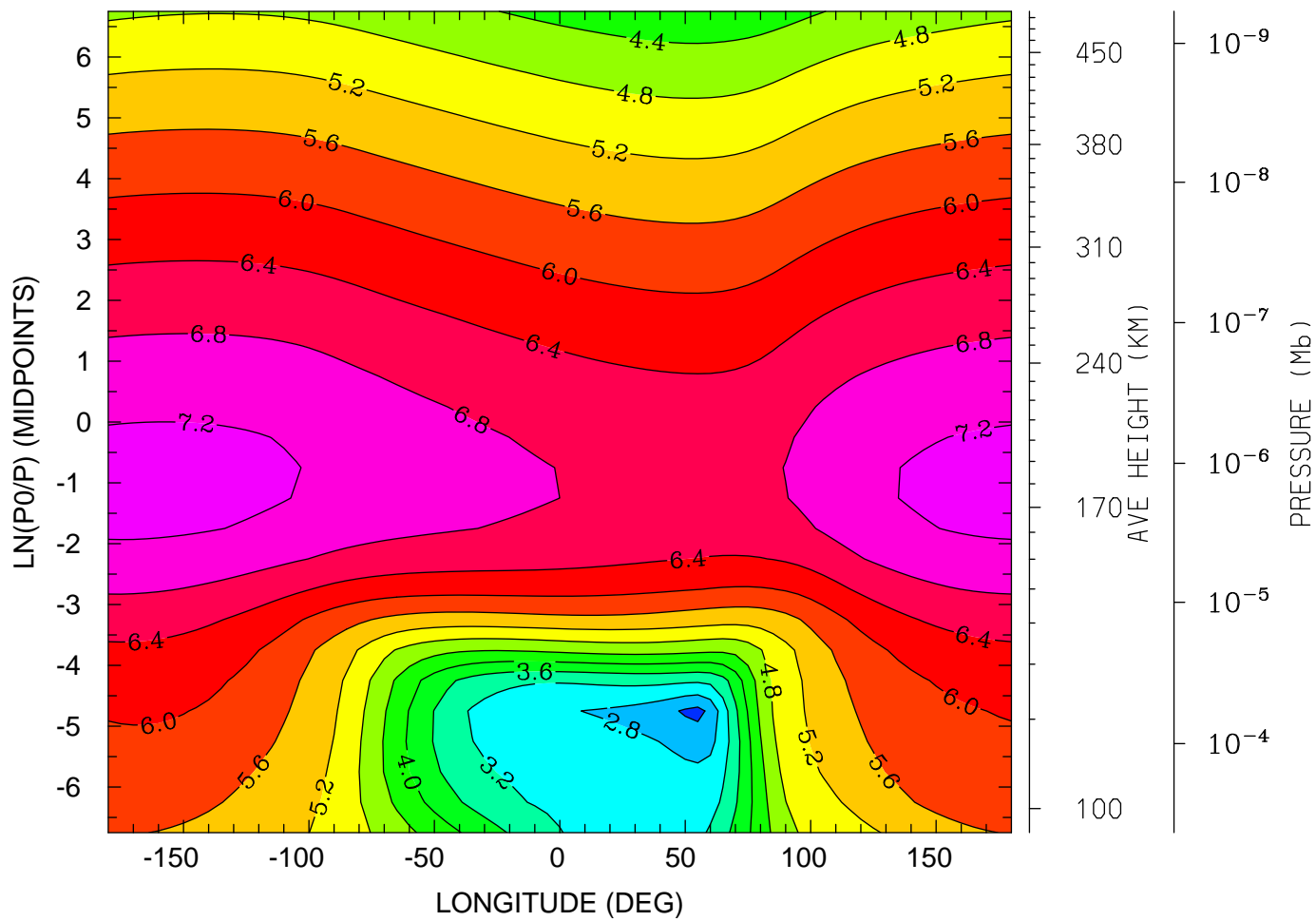
LOG10 N4S (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



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

MIN,MAX= 2.0875E-01 7.2159E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

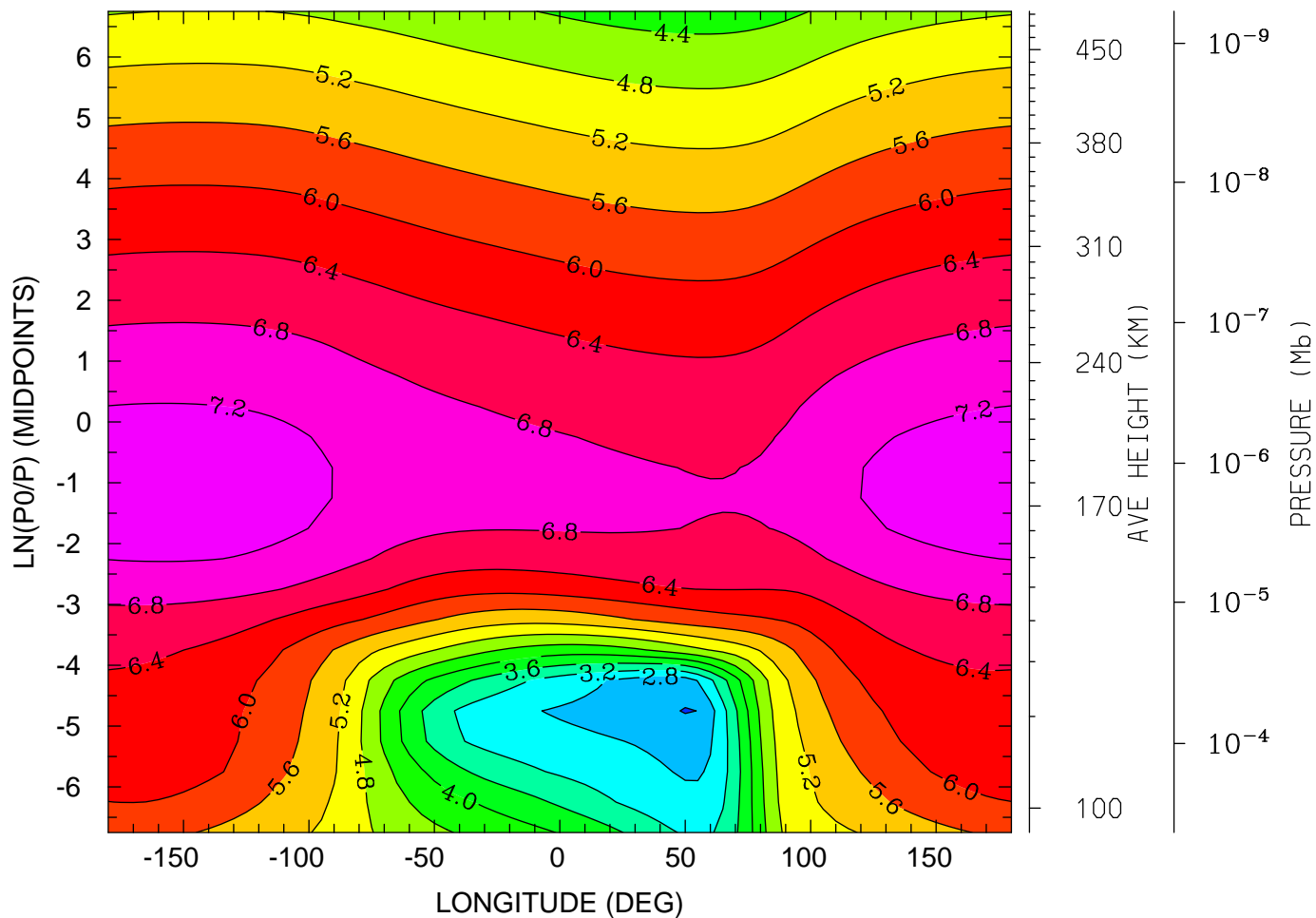
LOG10 N4S (CM3)  
UT= 0.00 LAT= -42.50 (DEG)



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

MIN,MAX= 2.2756E+00 7.3329E+00 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

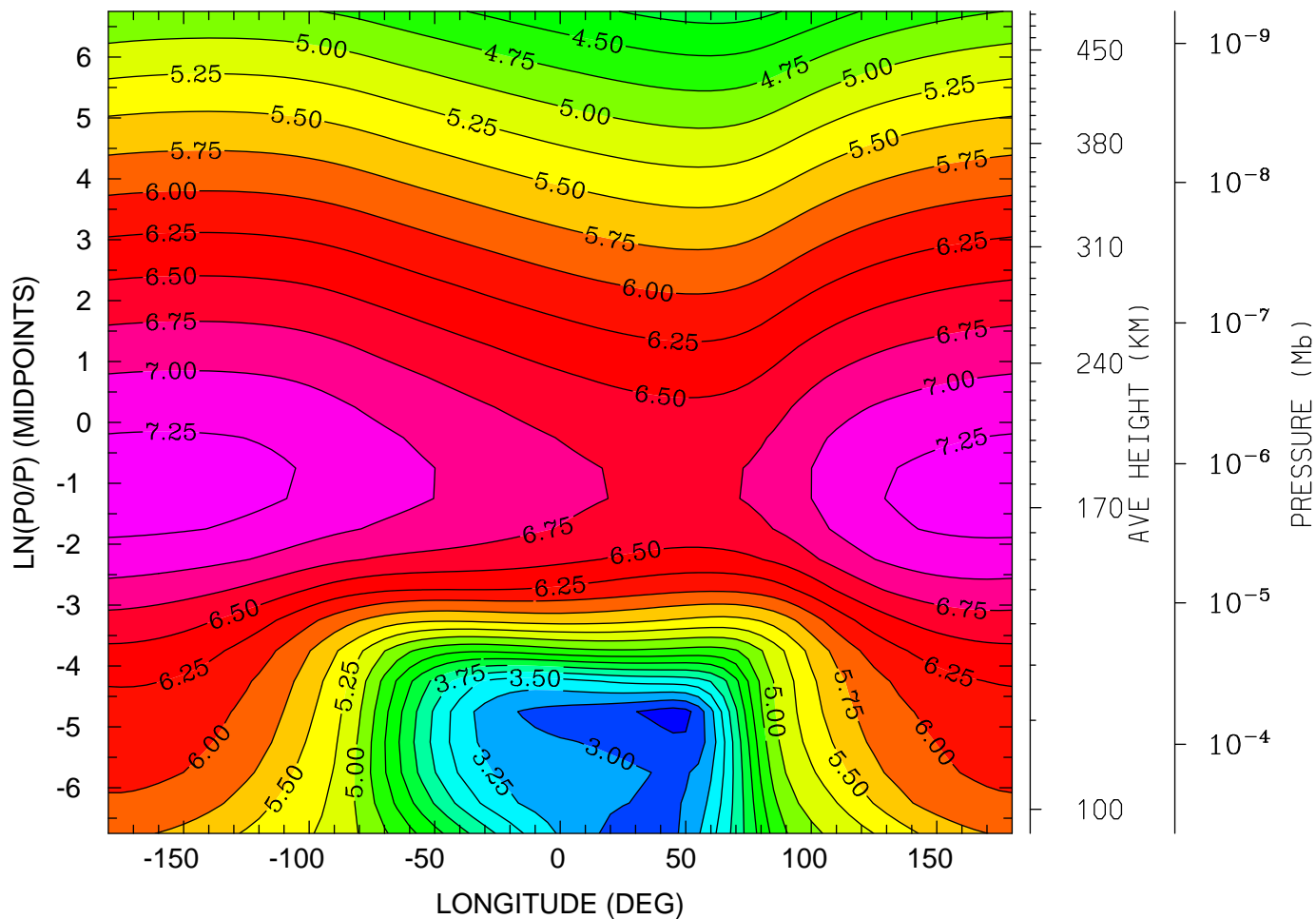
LOG10 N4S (CM3)  
UT= 0.00 LAT= -2.50 (DEG)



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

MIN,MAX= 2.3756E+00 7.4438E+00 INTERVAL= 4.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

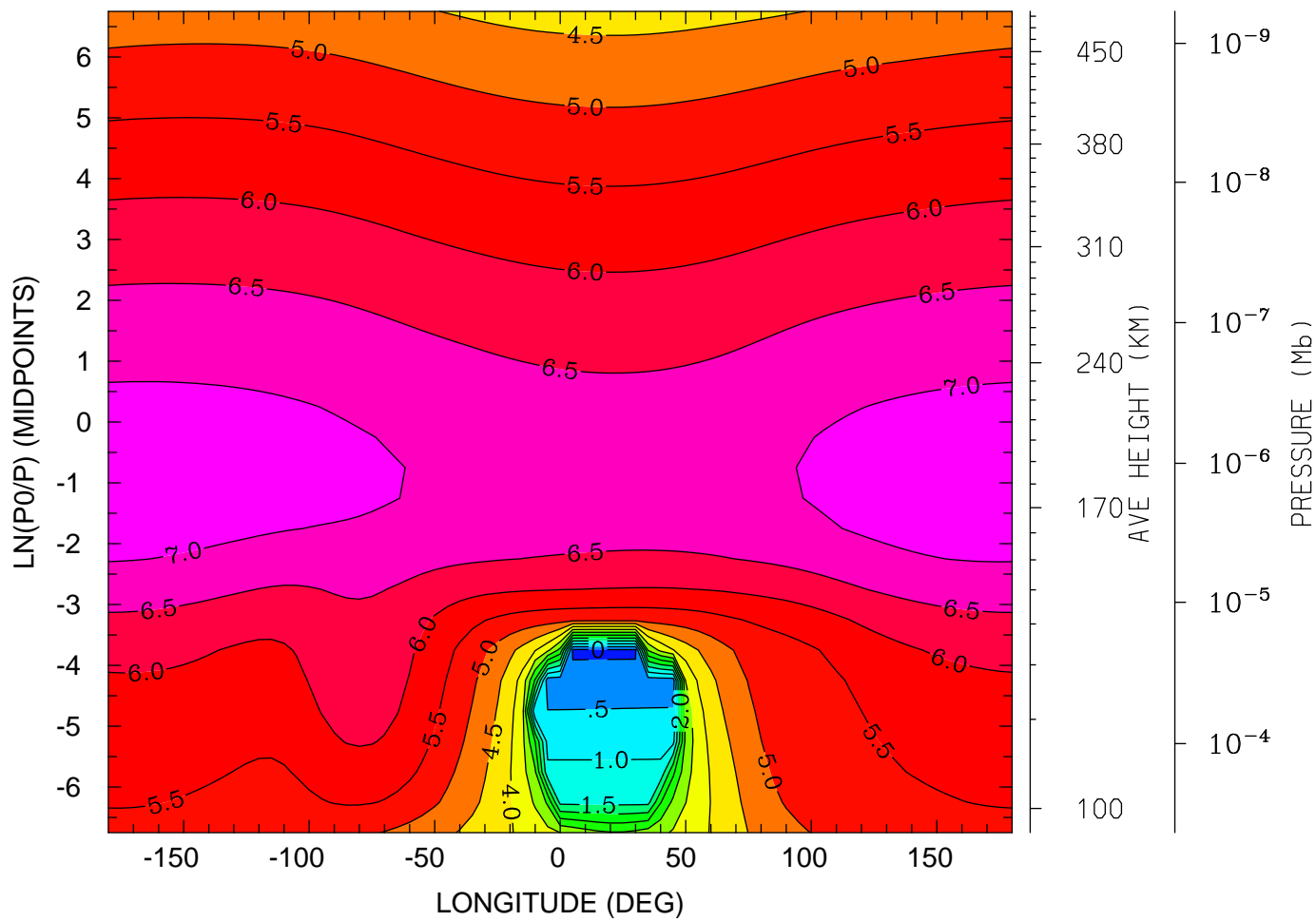
LOG10 N4S (CM3)  
UT= 0.00 LAT= 37.50 (DEG)



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

MIN,MAX= 2.6329E+00 7.3554E+00 INTERVAL= 2.5000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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

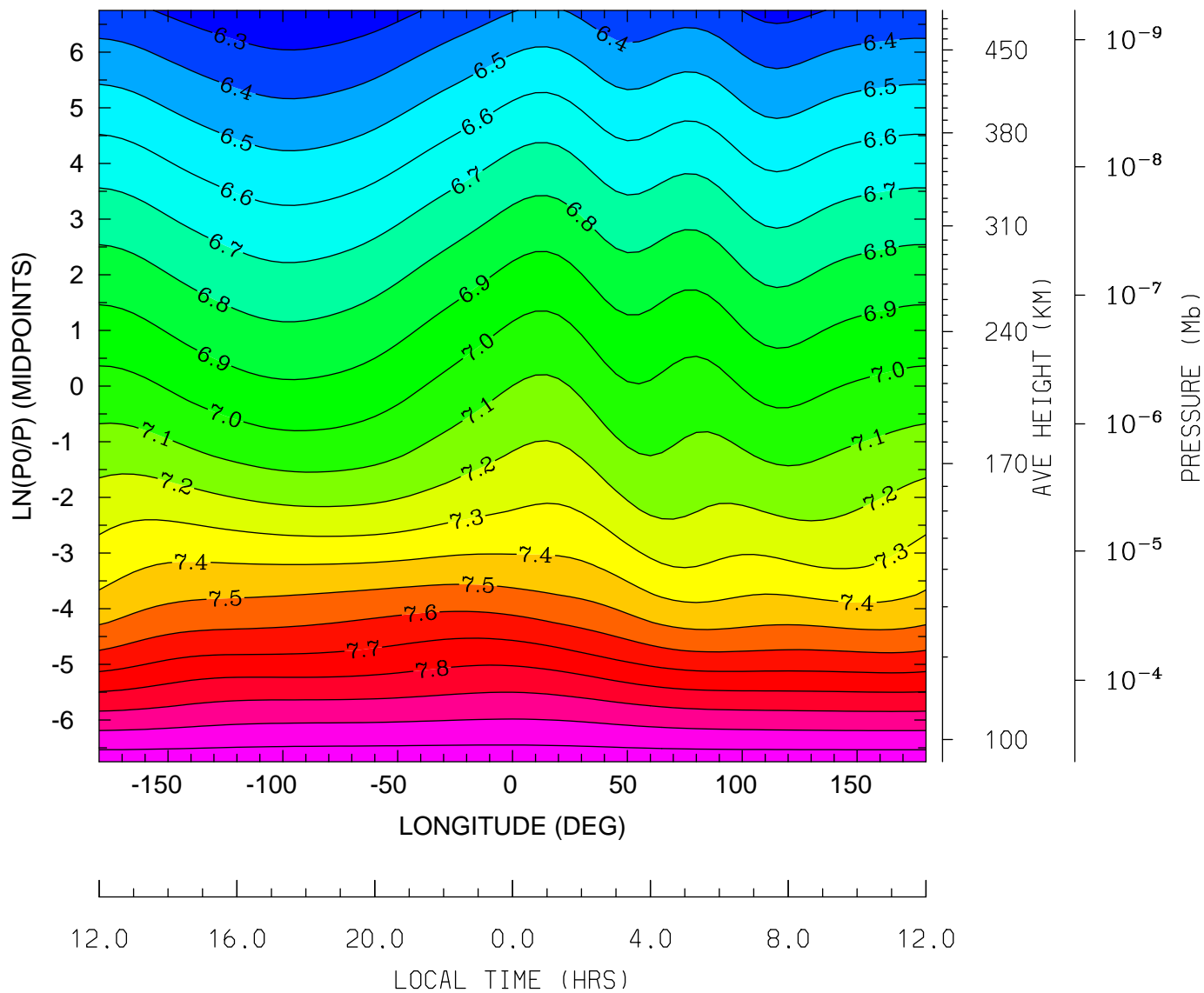


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -9.6963E-02 7.2862E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

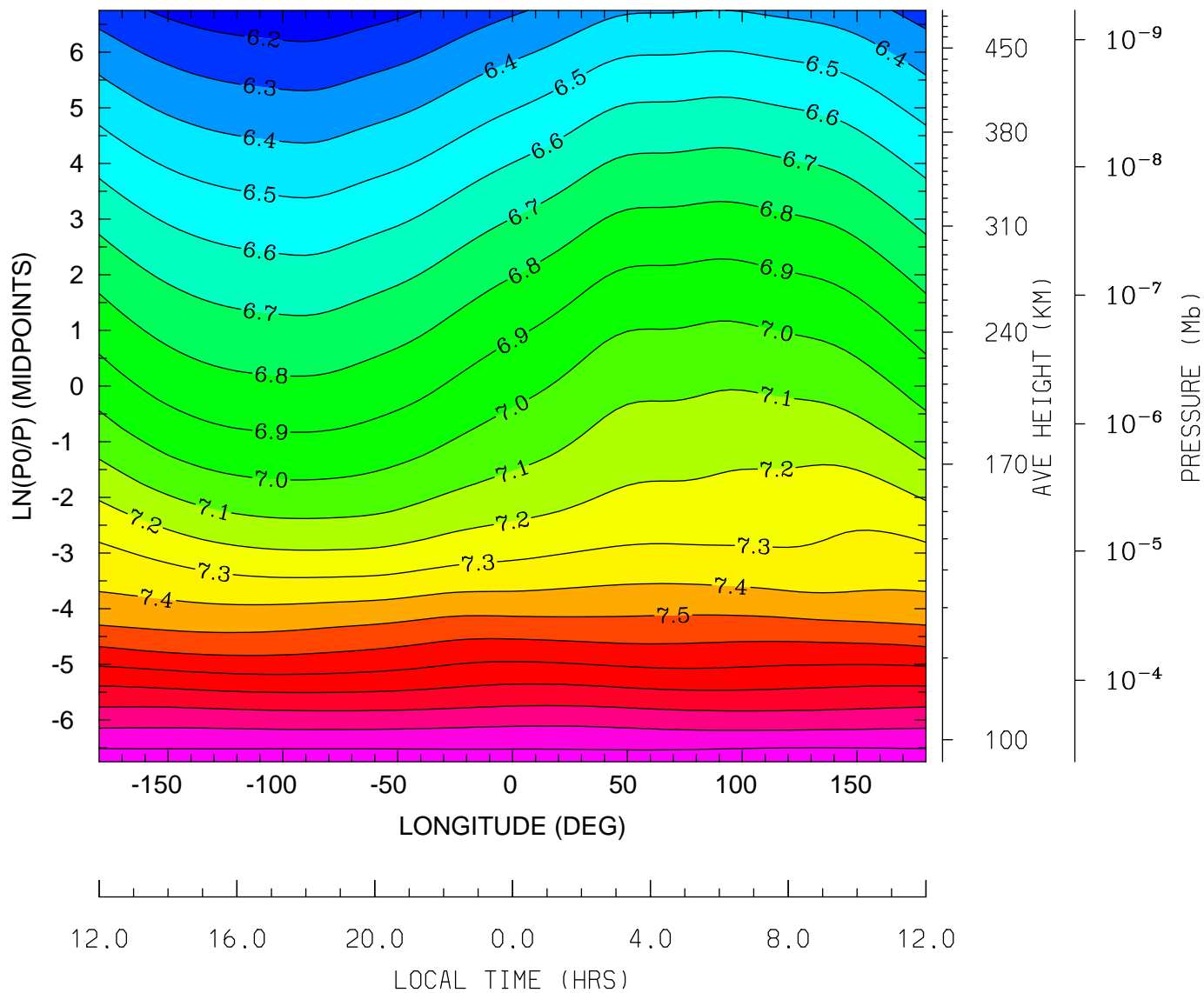


LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



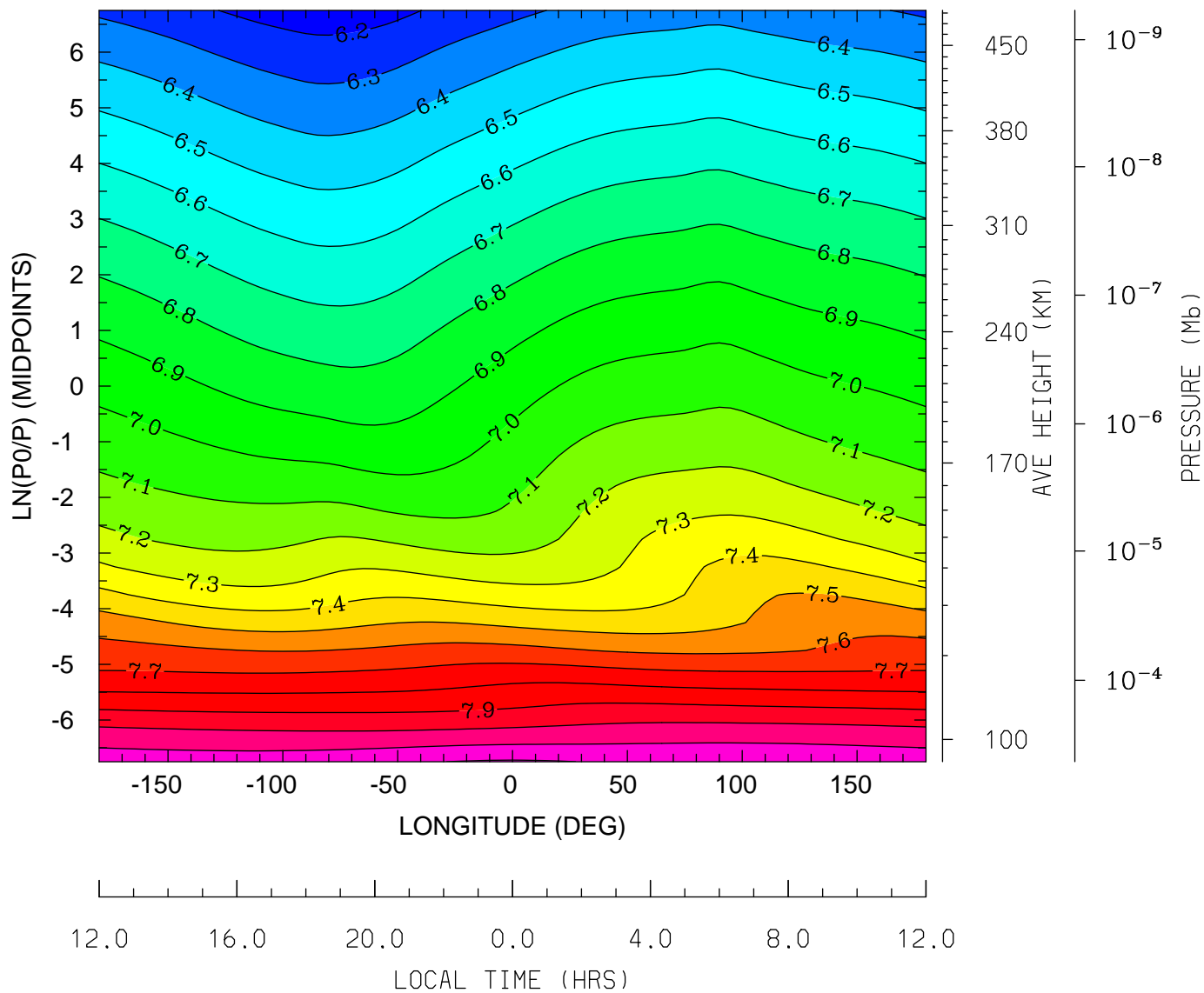
MIN,MAX= 6.2123E+00 8.1671E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



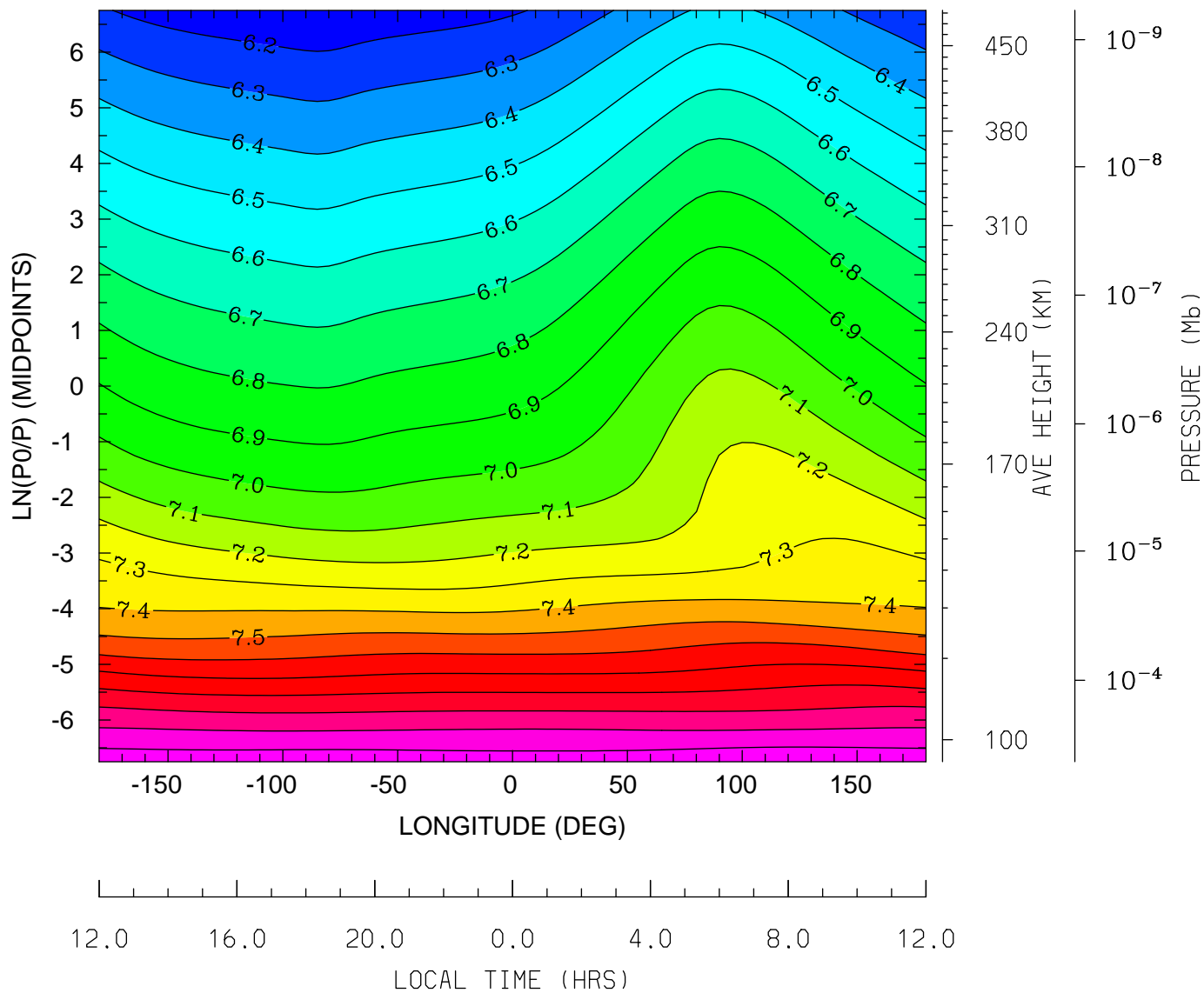
MIN,MAX= 6.1320E+00 8.1802E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



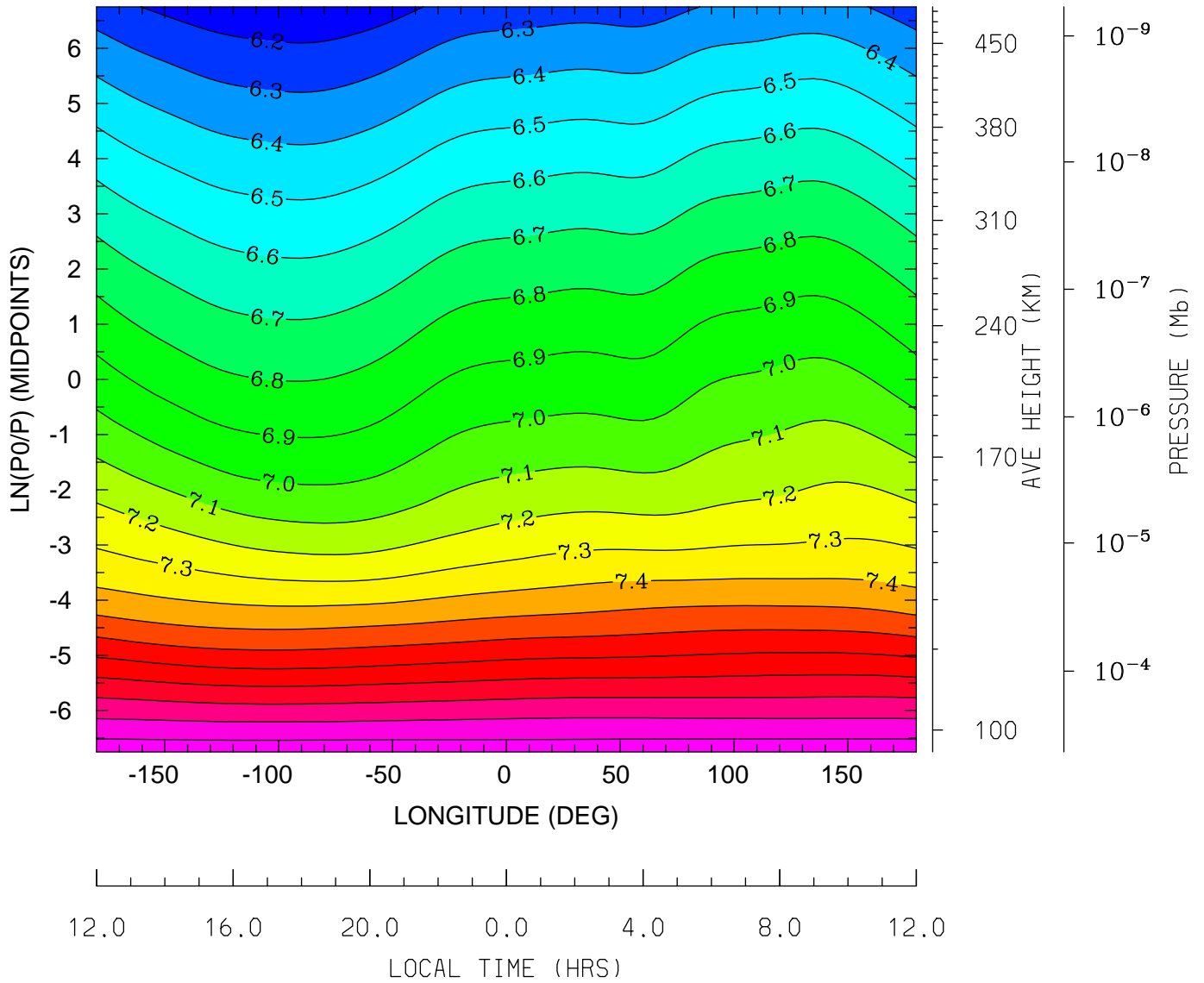
MIN,MAX= 6.1457E+00 8.2100E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



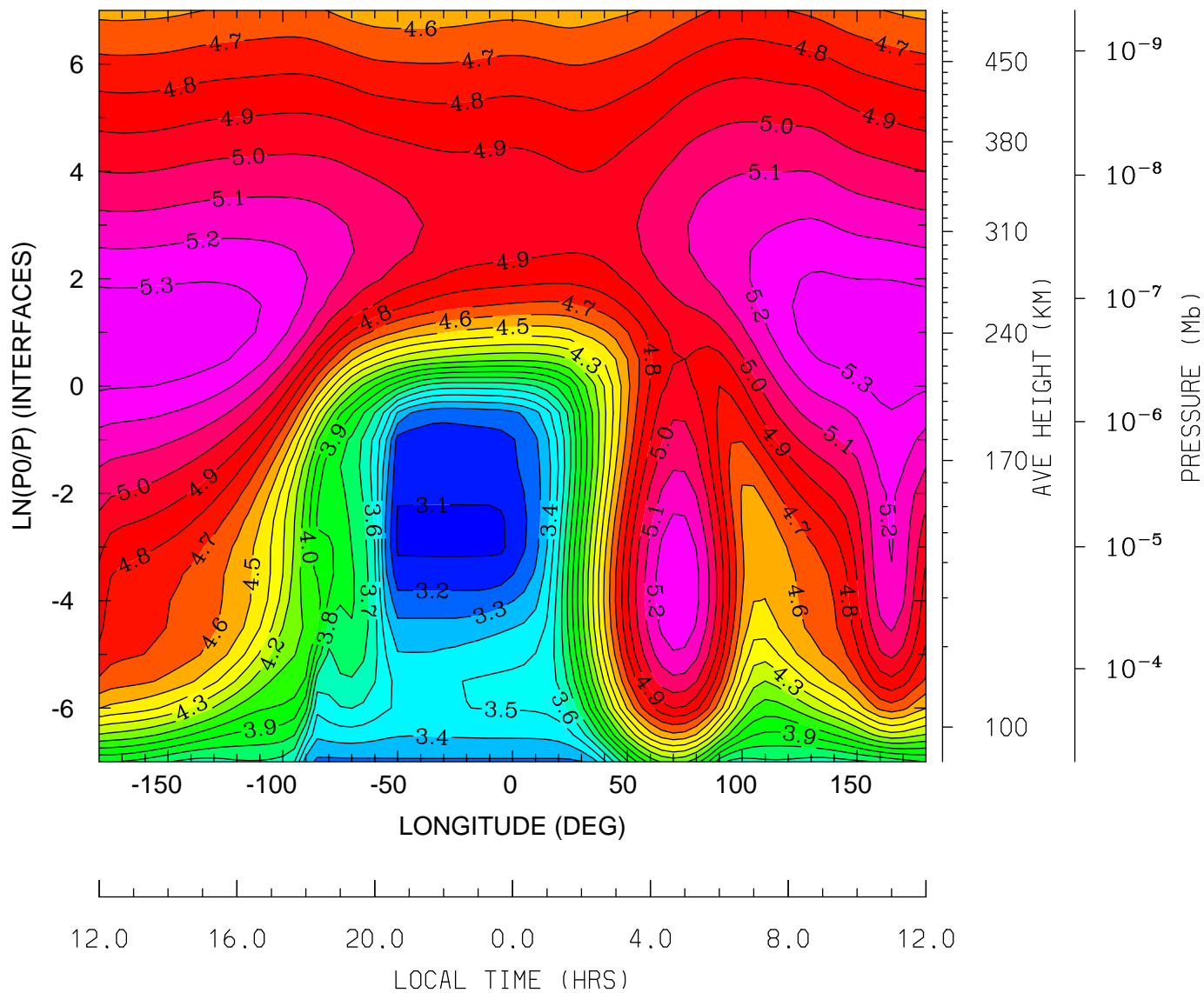
MIN,MAX= 6.1123E+00 8.1862E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



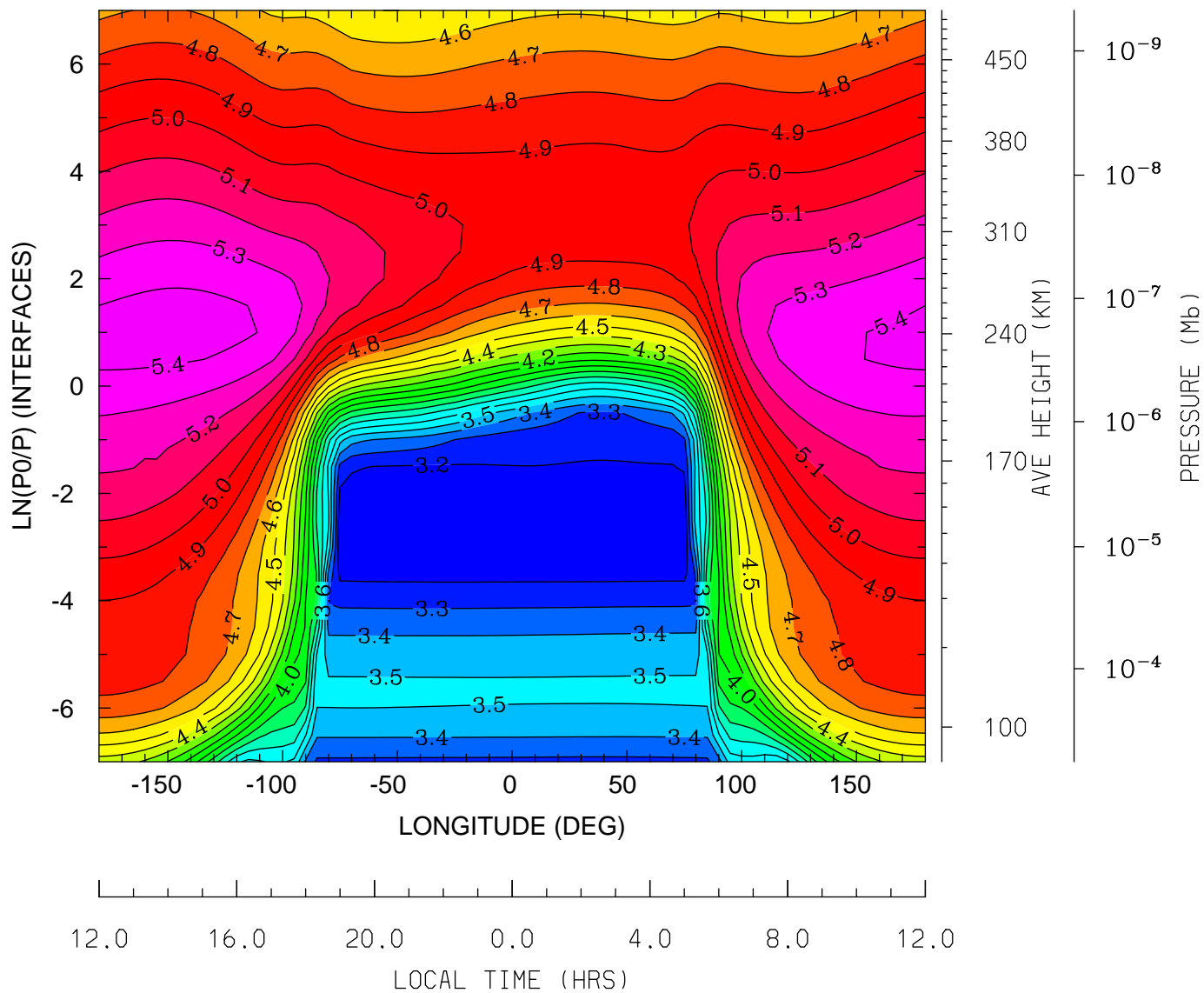
MIN,MAX= 6.1215E+00 8.1651E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



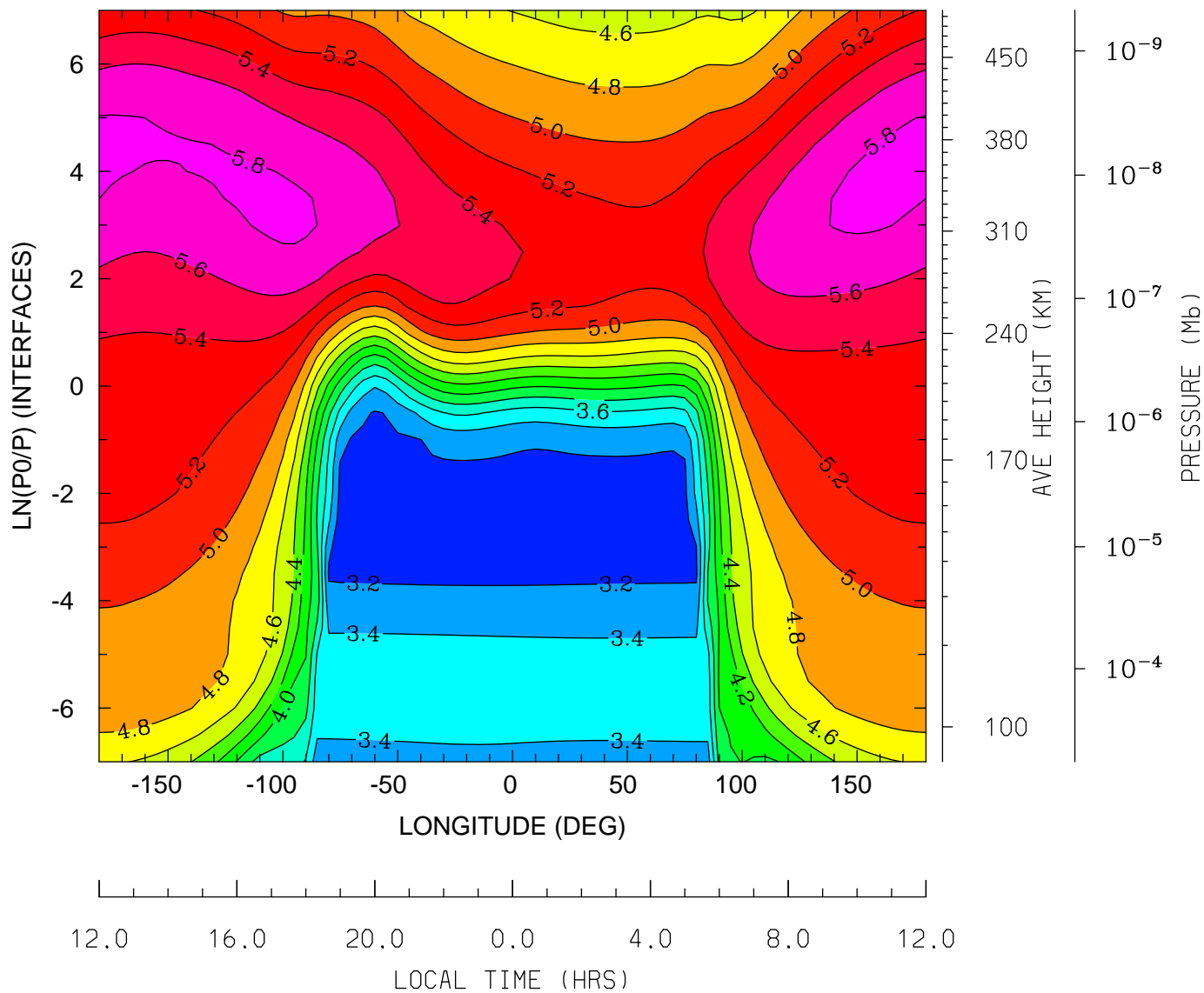
MIN,MAX= 3.0792E+00 5.3873E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 3.1133E+00 5.4429E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

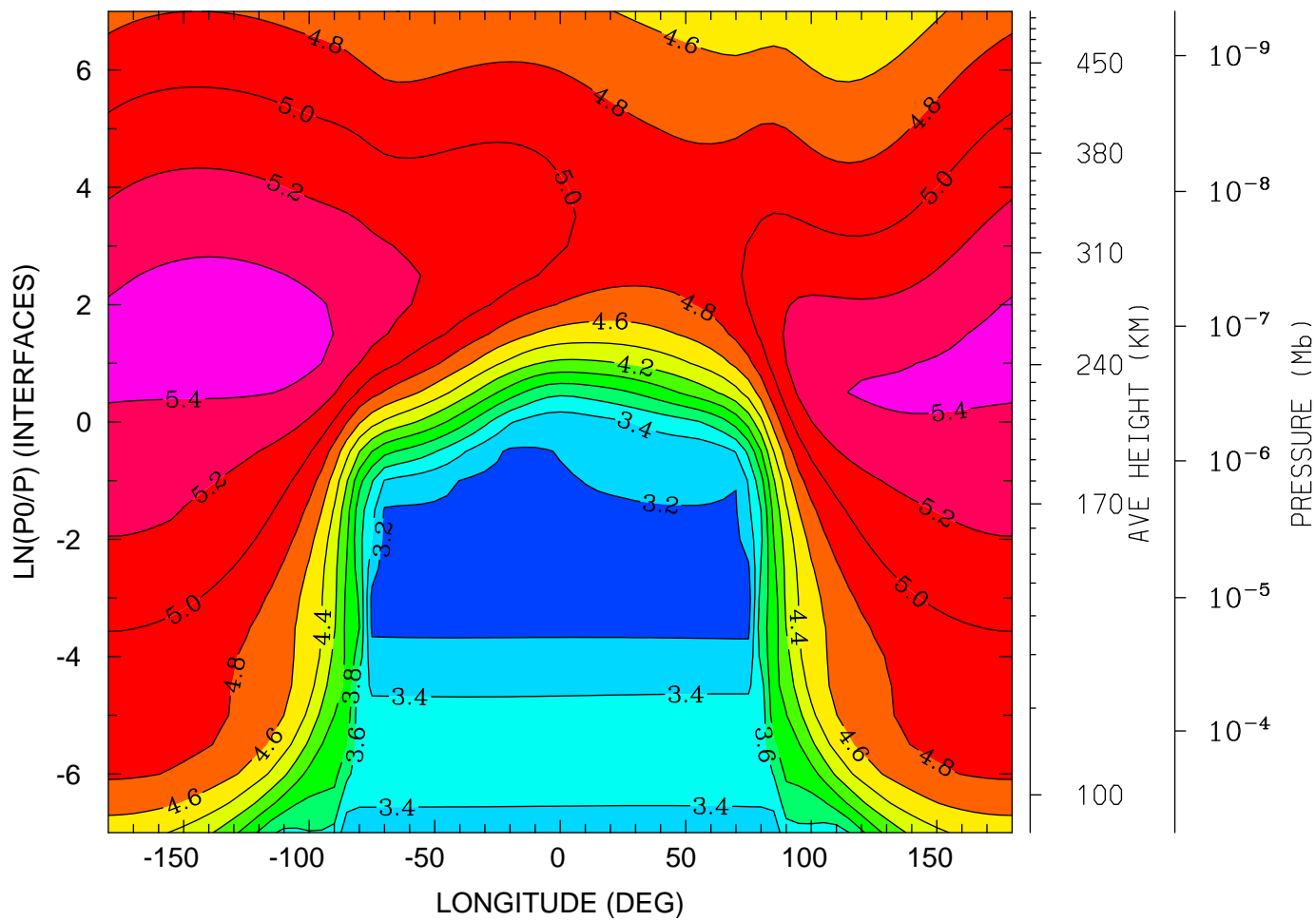
LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= -2.50 (DEG)



MIN,MAX= 3.1029E+00 5.8588E+00 INTERVAL= 2.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc



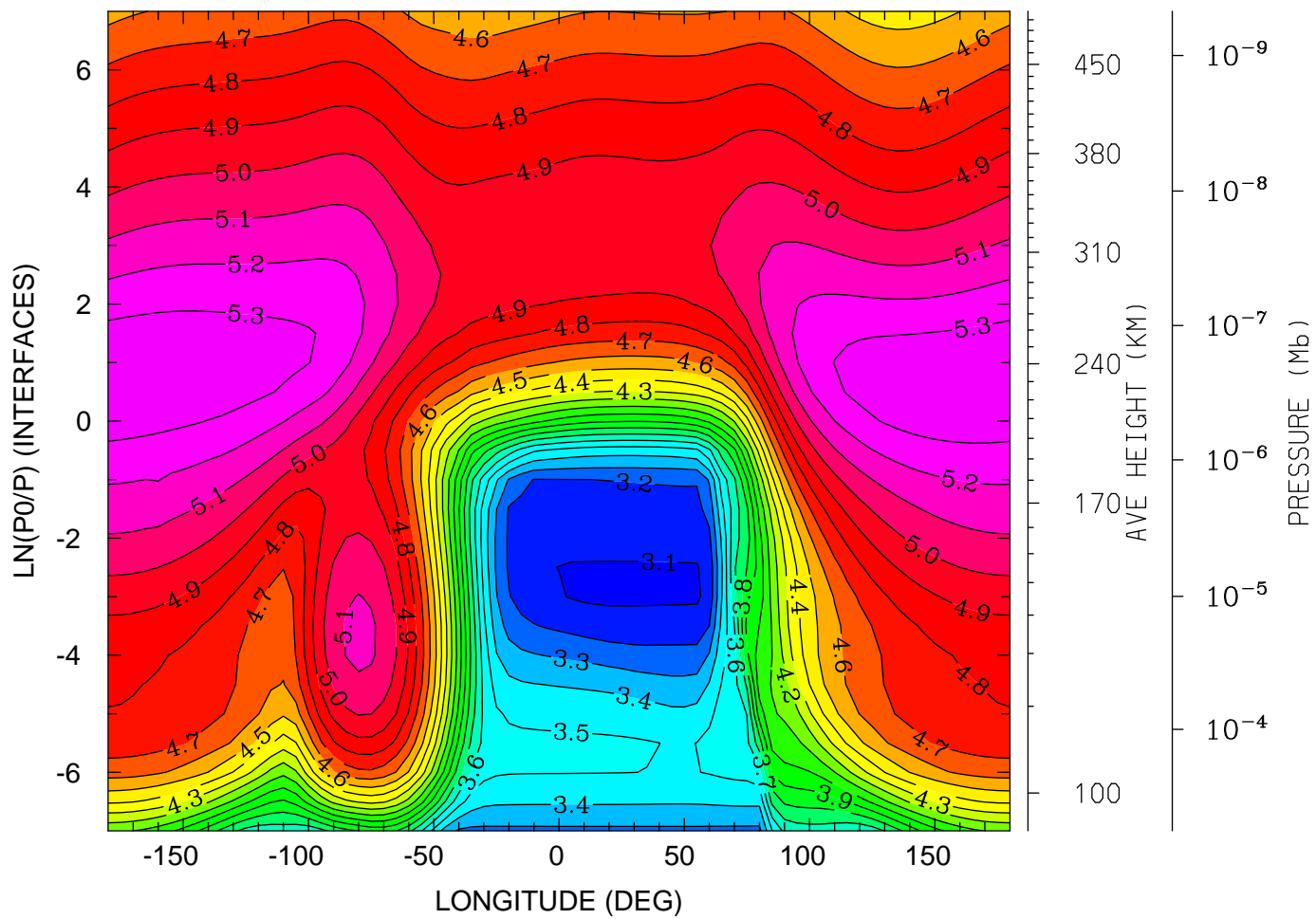
LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 37.50 (DEG)



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

MIN,MAX= 3.1048E+00 5.5057E+00 INTERVAL= 2.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

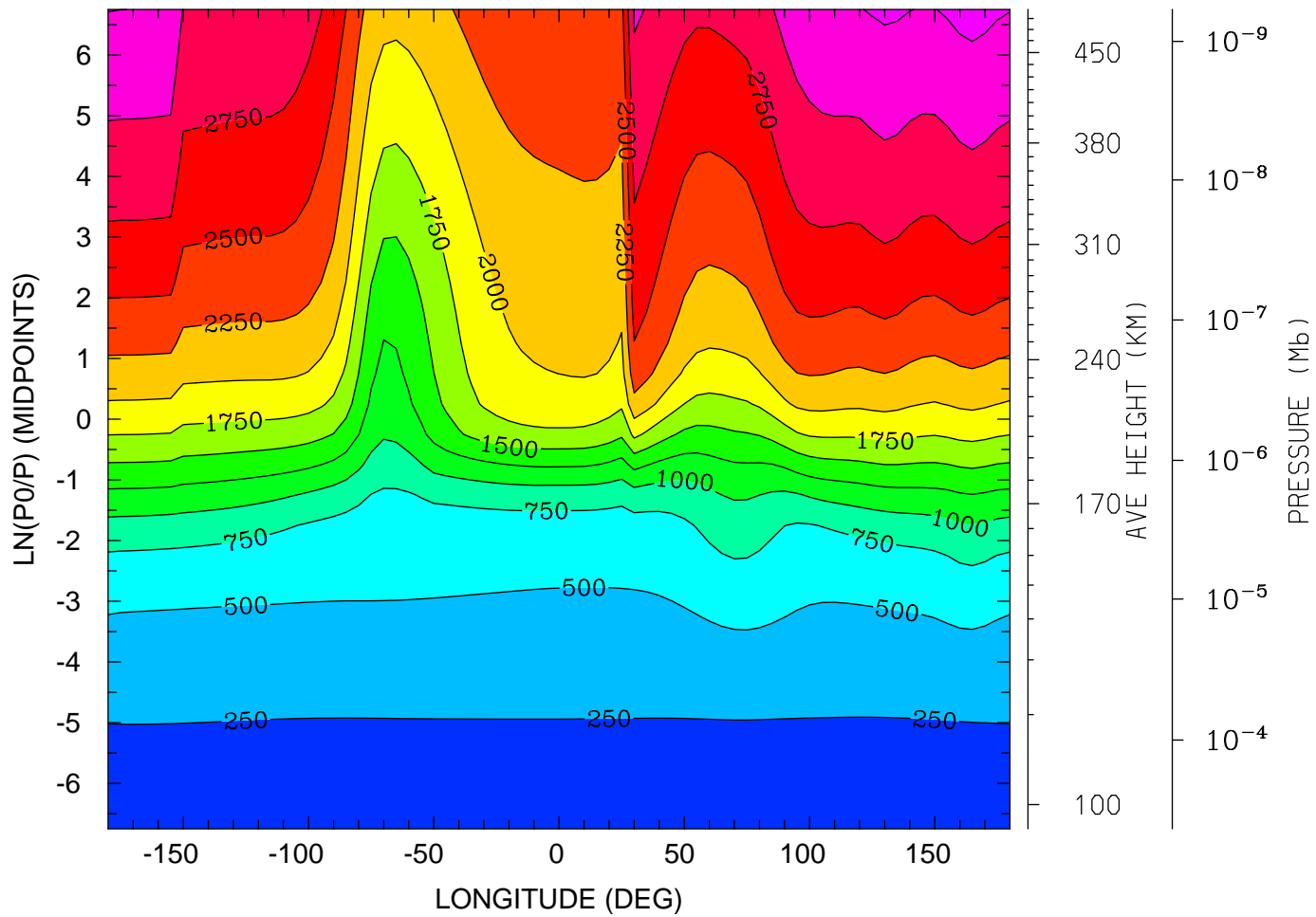
LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 57.50 (DEG)



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

MIN,MAX= 3.0828E+00 5.3902E+00 INTERVAL= 1.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

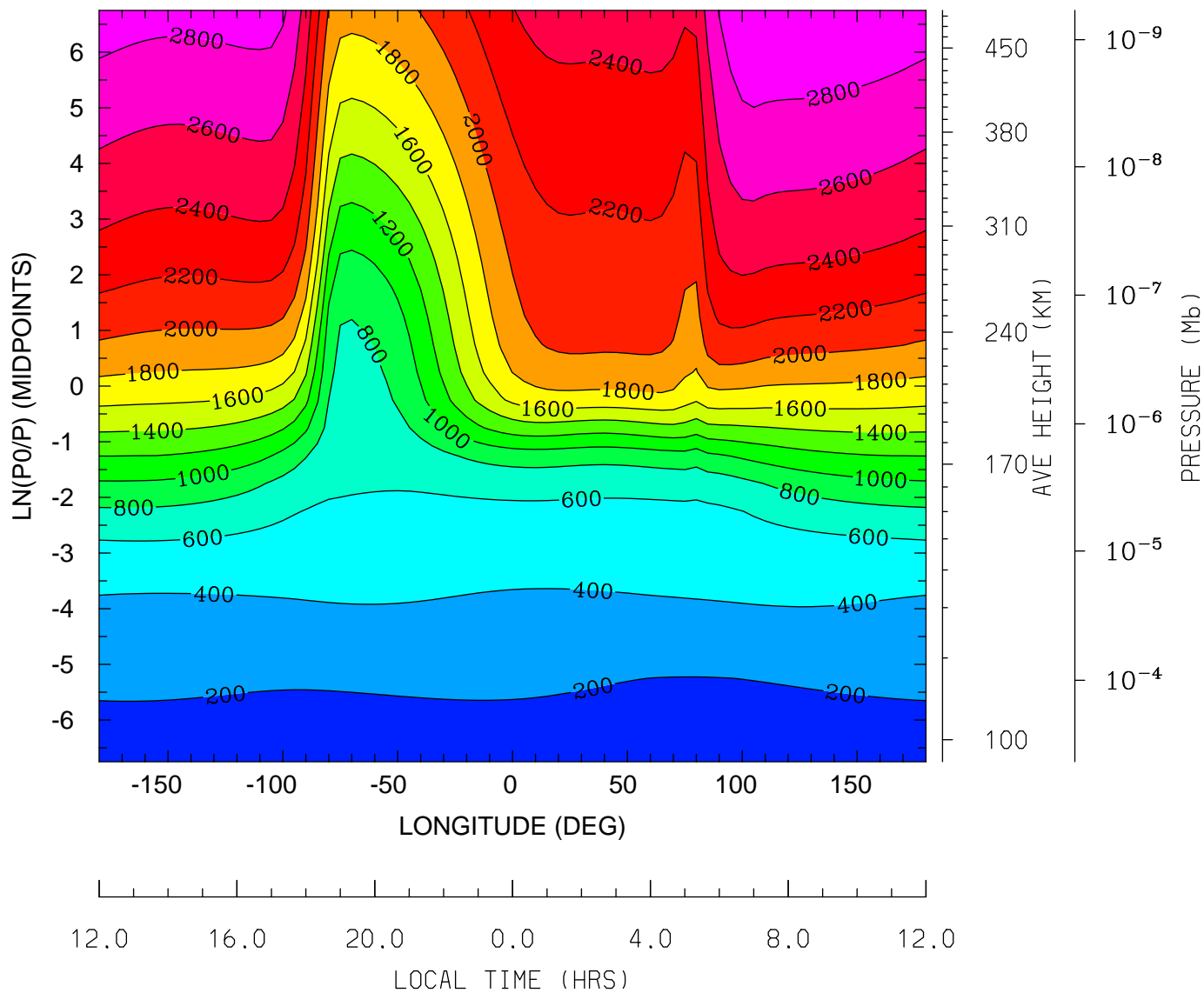
ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= -62.50 (DEG)



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

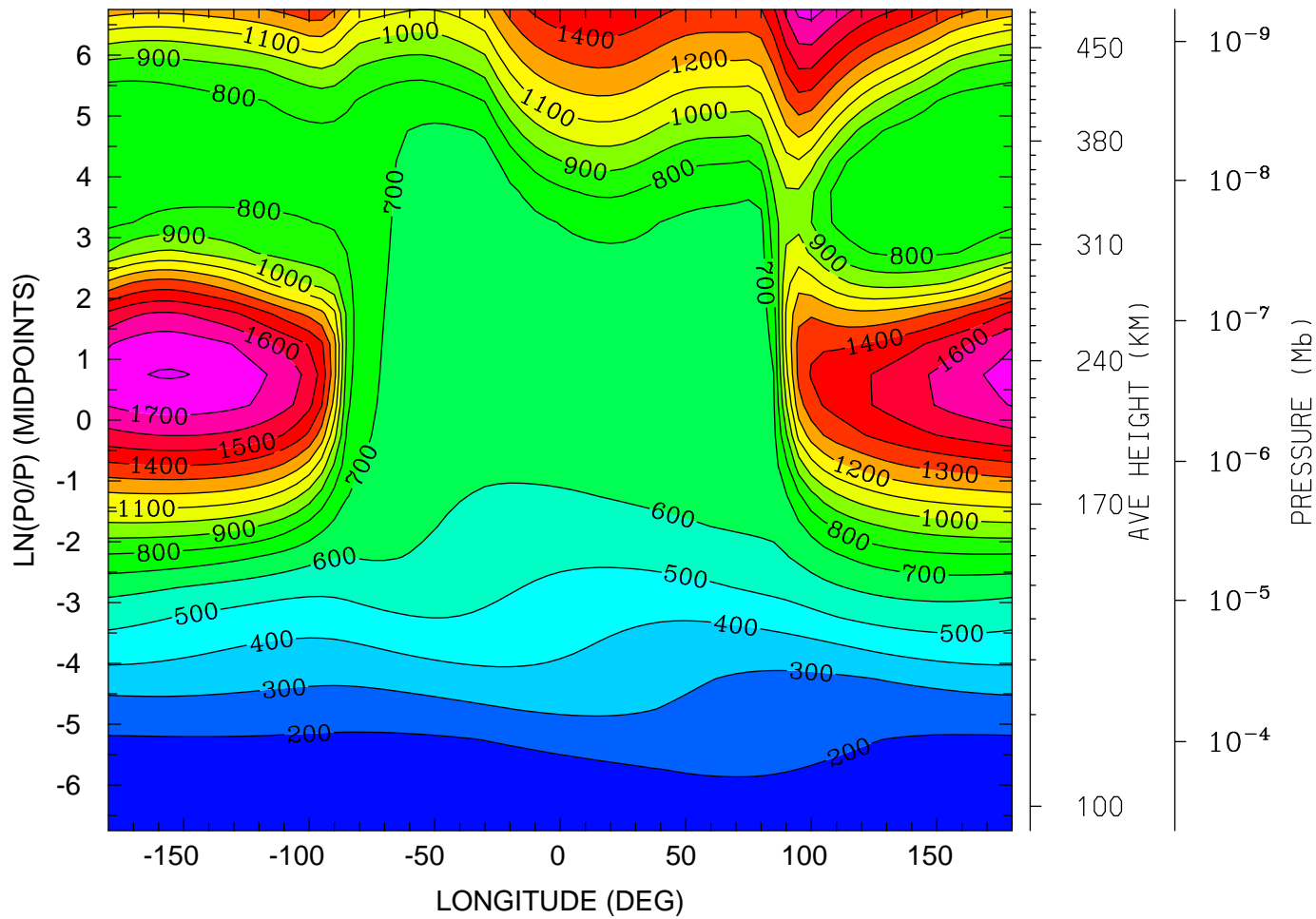
MIN,MAX= 1.6287E+02 3.3265E+03 INTERVAL= 2.5000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 1.5748E+02 3.0022E+03 INTERVAL= 2.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

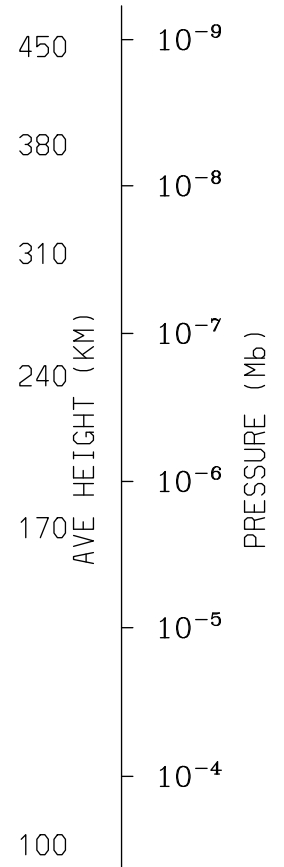
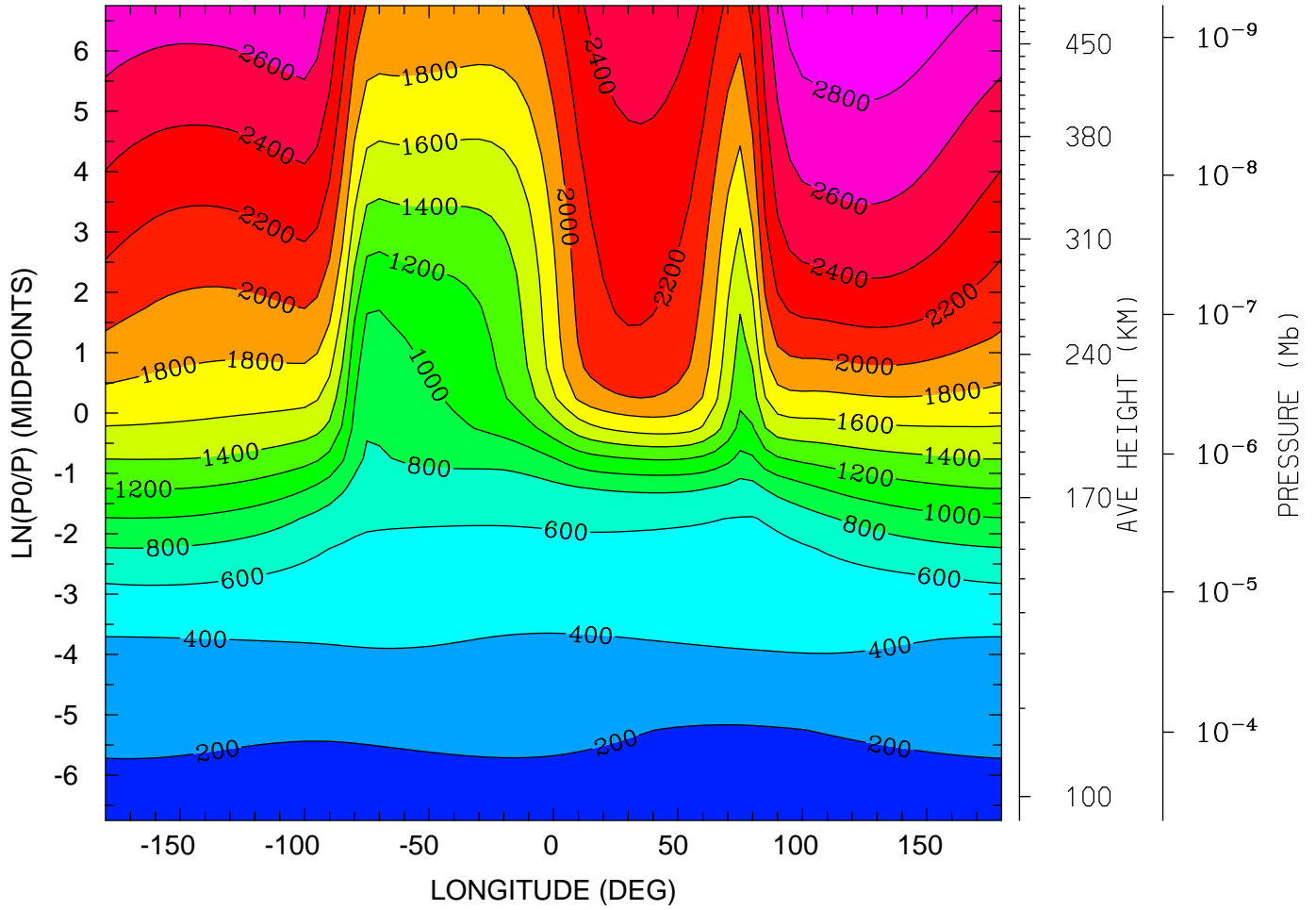
ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= -2.50 (DEG)



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

MIN,MAX= 1.4815E+02 1.8079E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

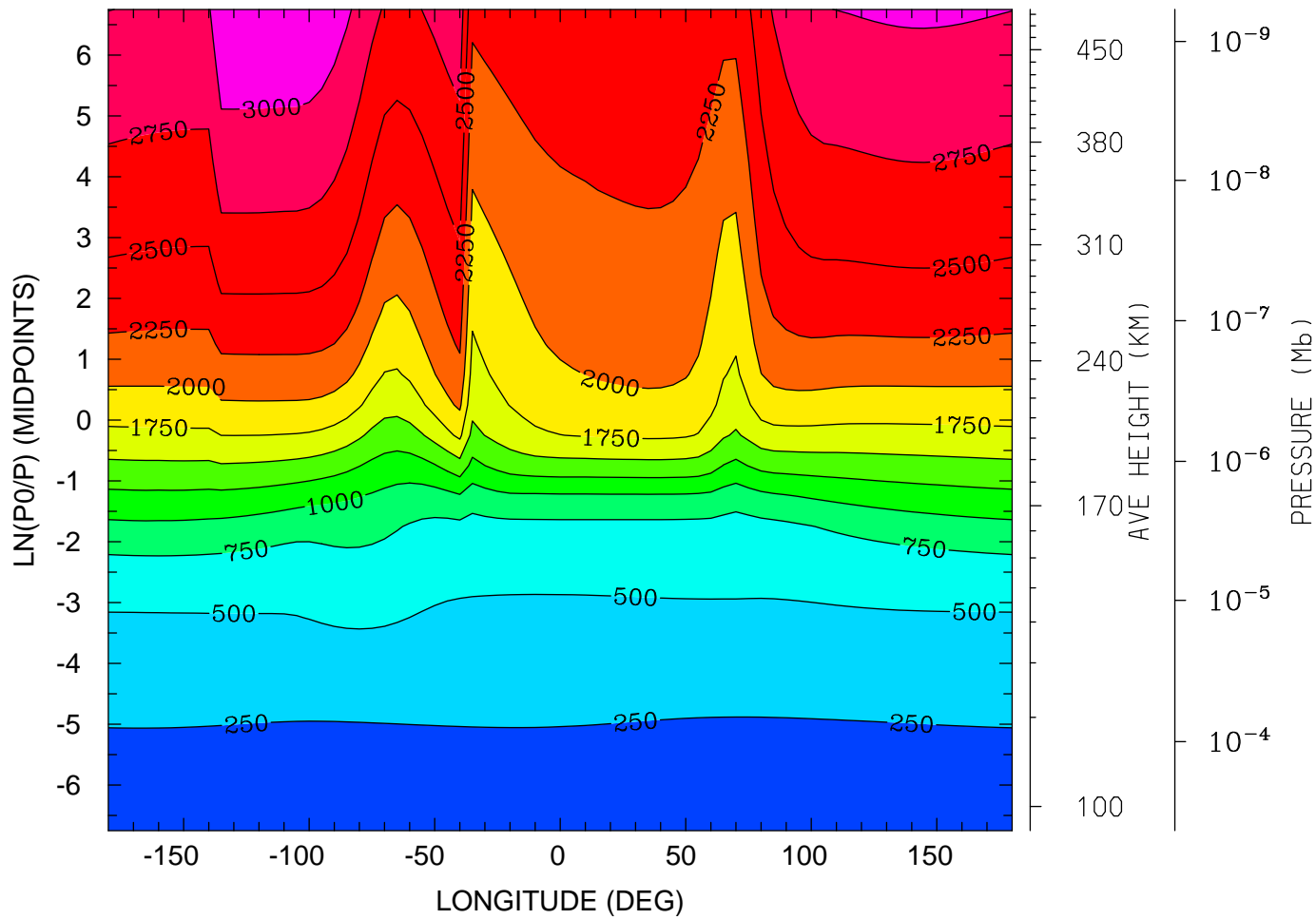
ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 (DEG)



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

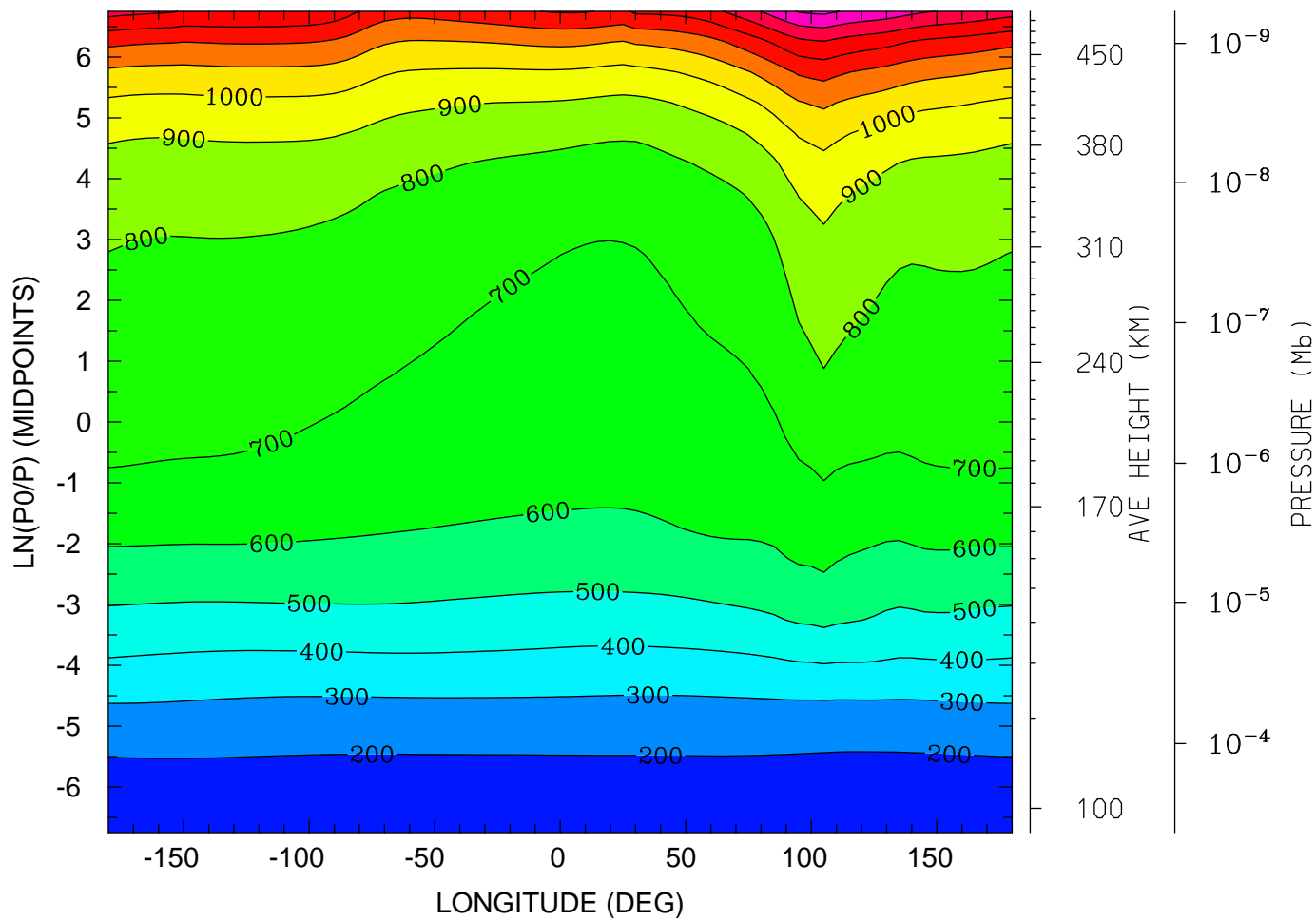
MIN,MAX= 1.5526E+02 2.9709E+03 INTERVAL= 2.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 1.6116E+02 3.2171E+03 INTERVAL= 2.5000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

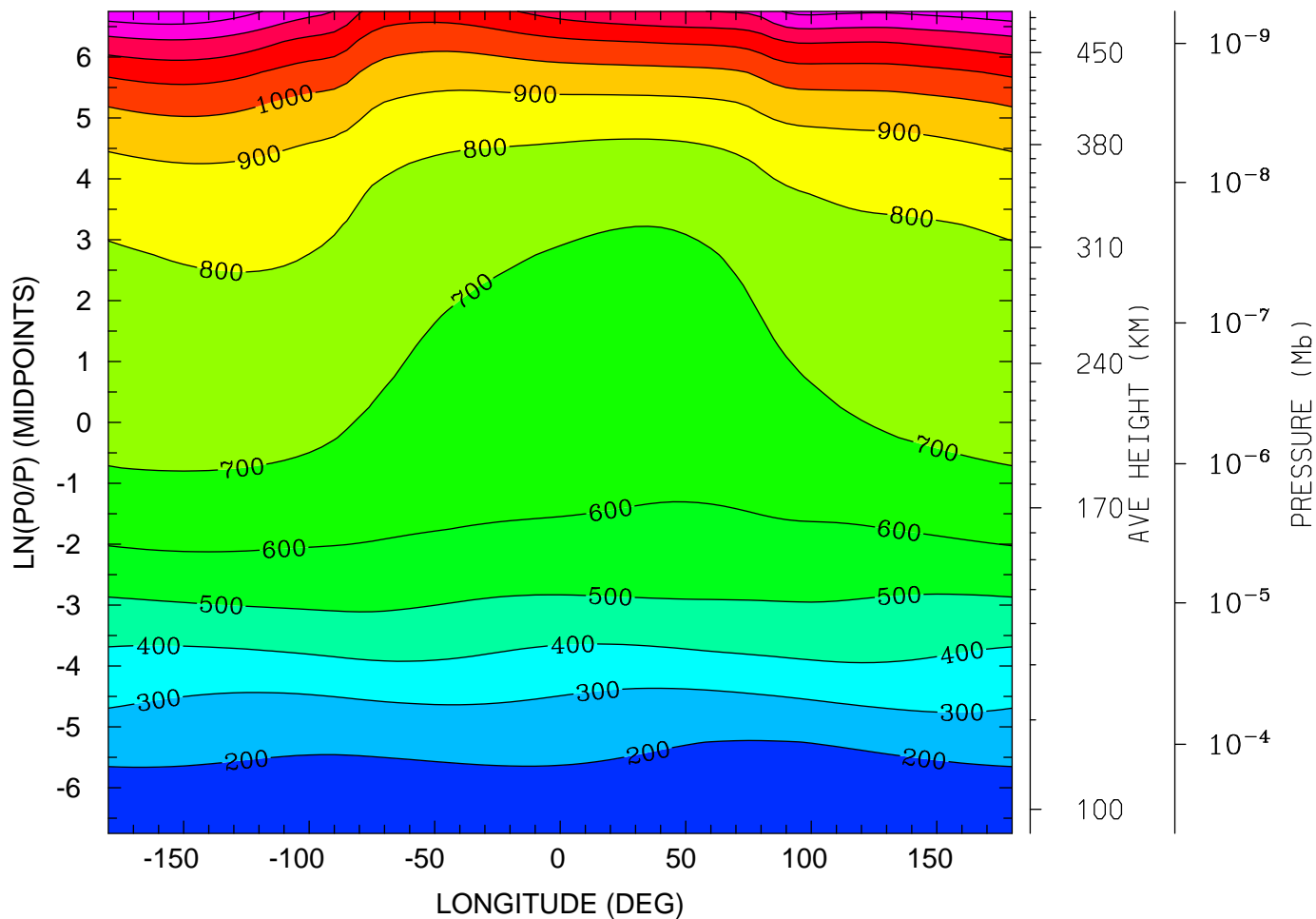
ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= -62.50 (DEG)



MIN,MAX= 1.6294E+02 1.6220E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc



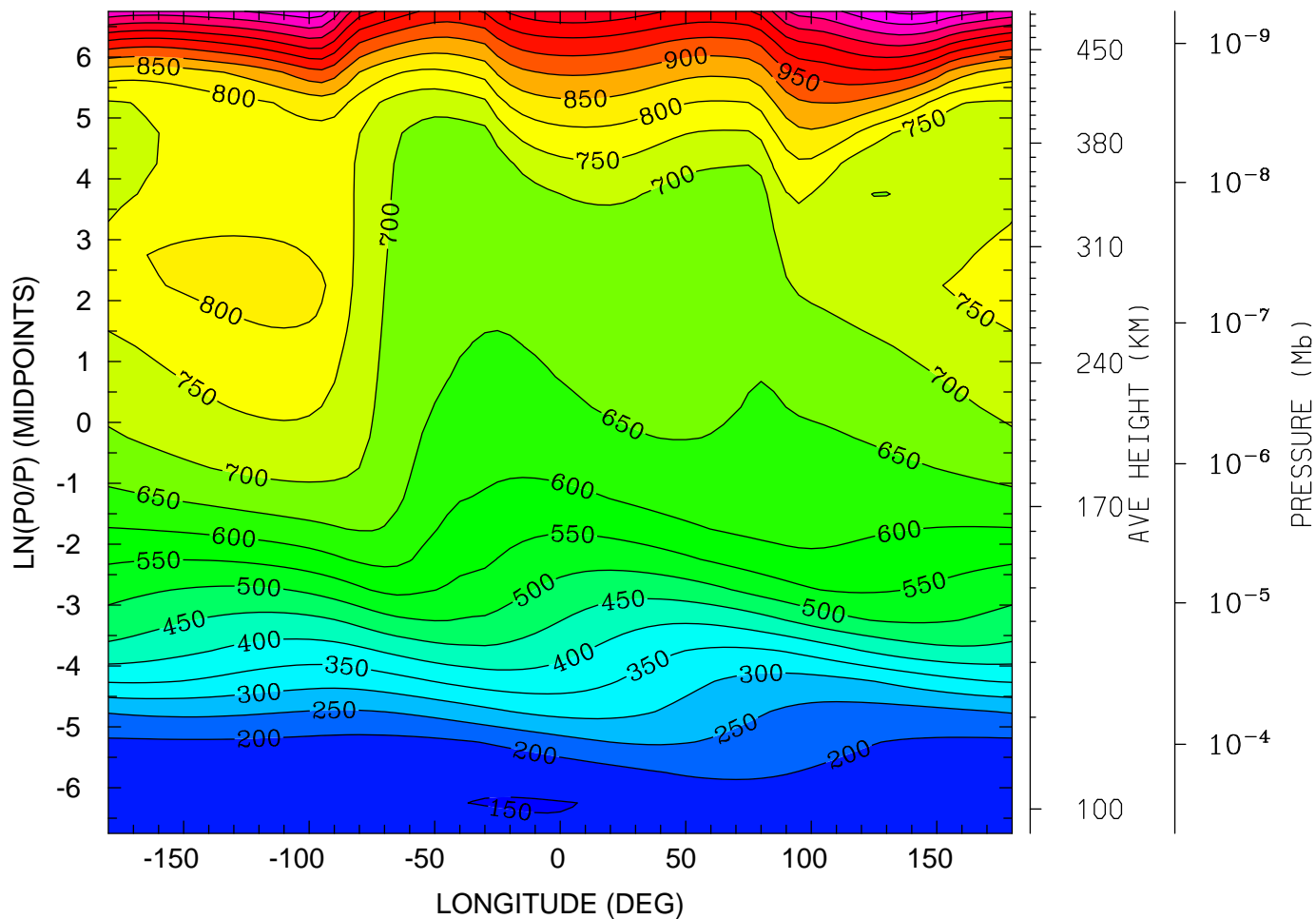
ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= -42.50 (DEG)



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

MIN,MAX= 1.5748E+02 1.4822E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

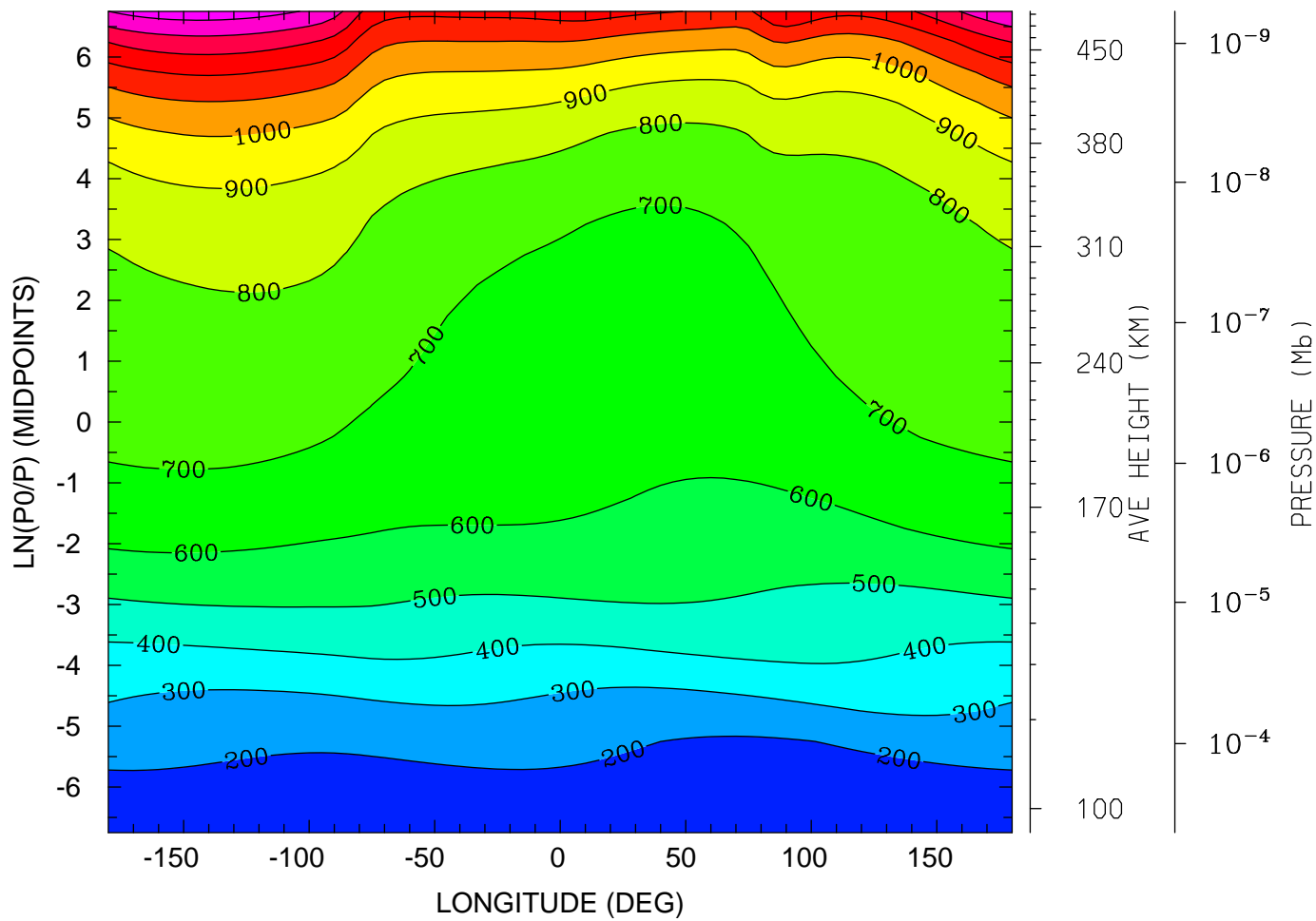
ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= -2.50 (DEG)



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

MIN,MAX= 1.4815E+02 1.2633E+03 INTERVAL= 5.0000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

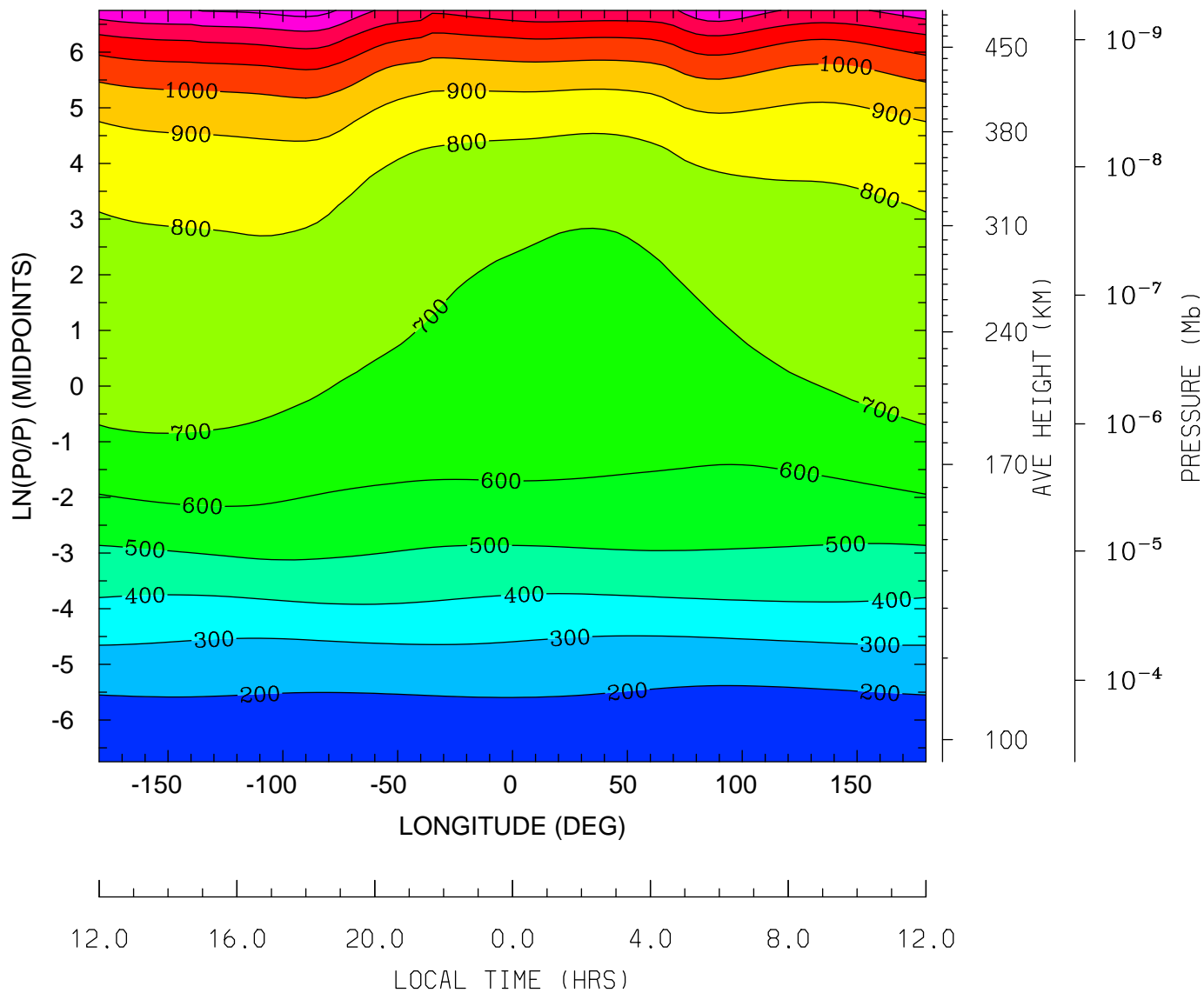
ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 (DEG)



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

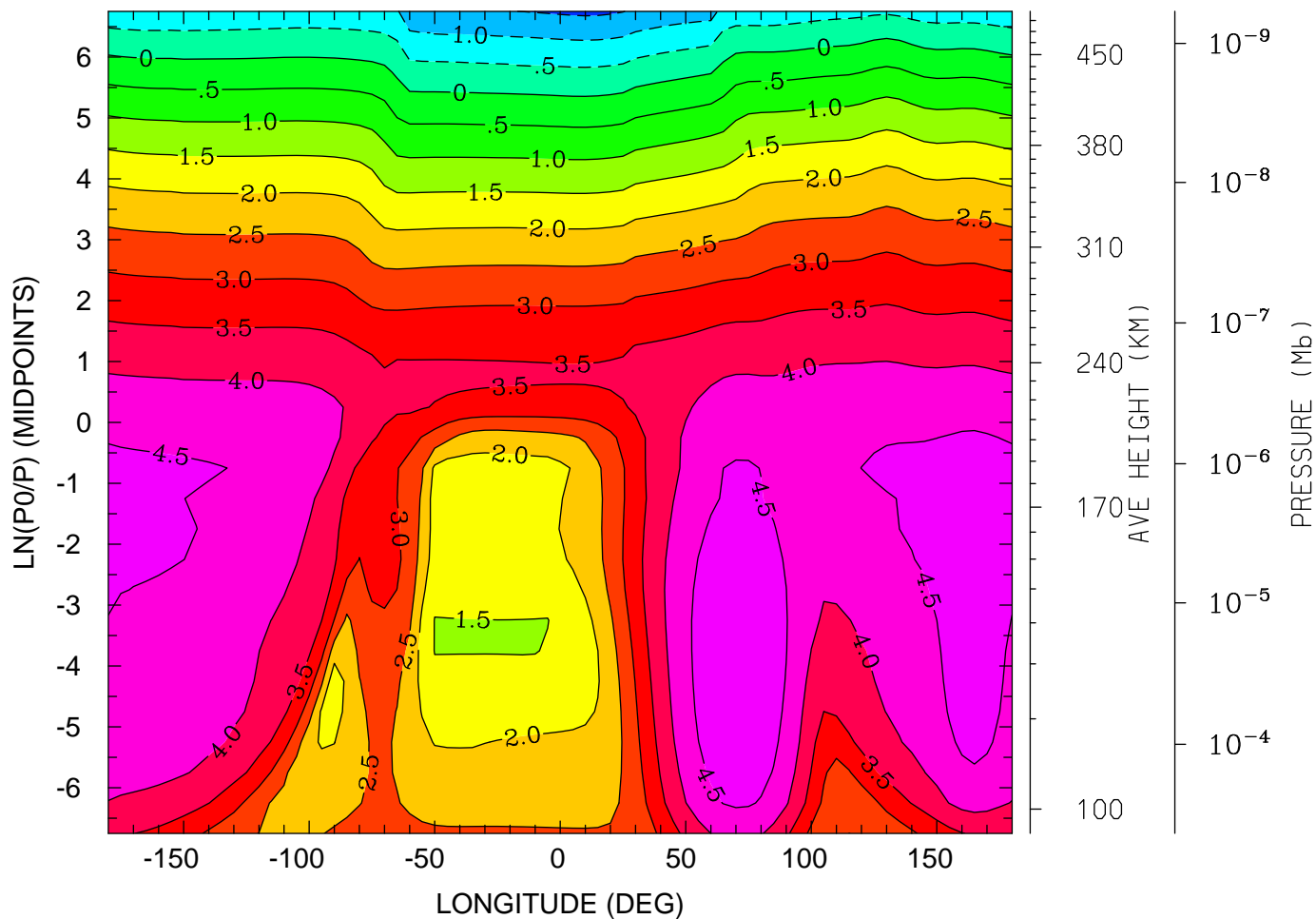
MIN,MAX= 1.5526E+02 1.5566E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 1.6117E+02 1.4423E+03 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

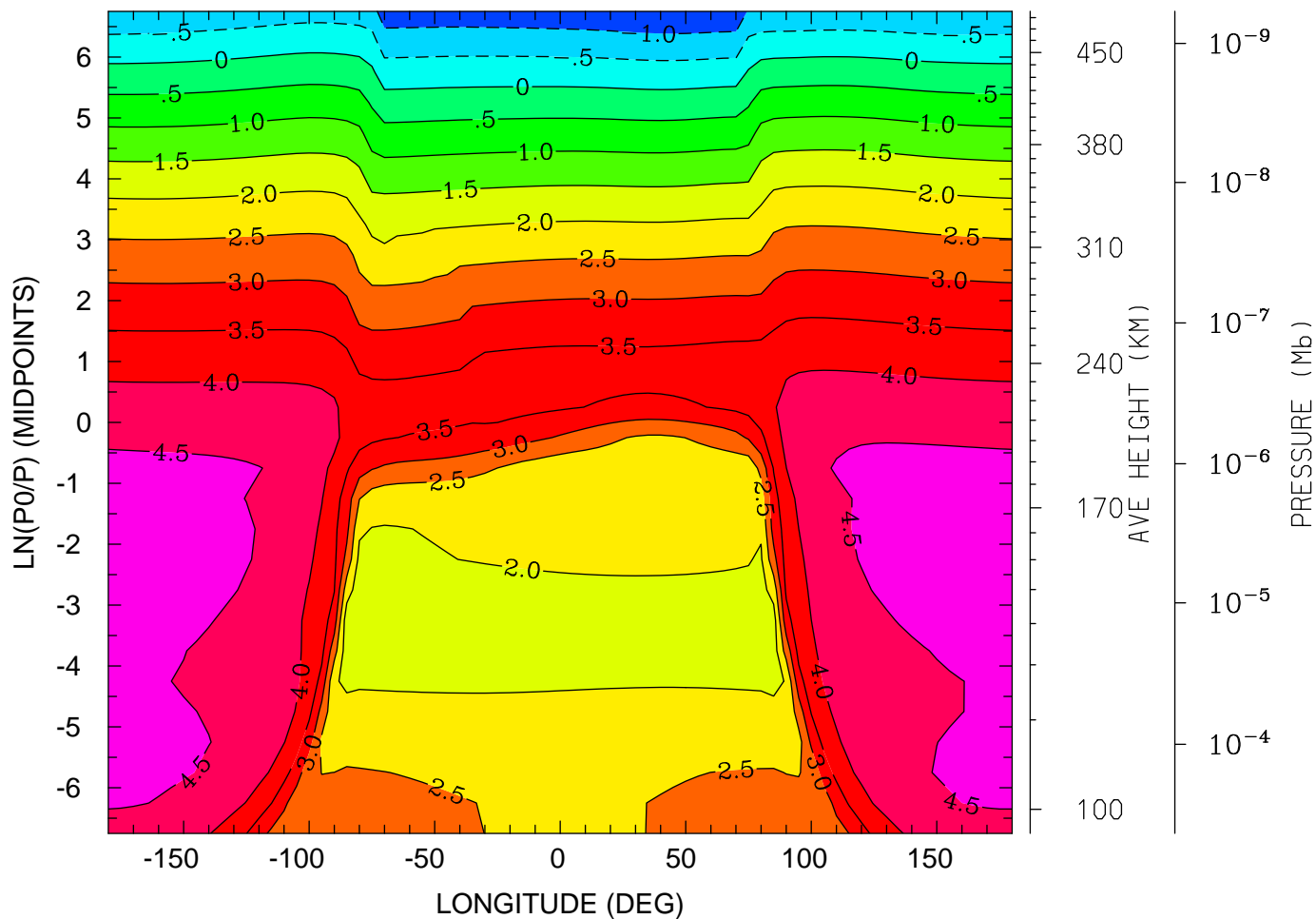
LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= -62.50 (DEG)



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

MIN,MAX= -1.5905E+00 4.9281E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

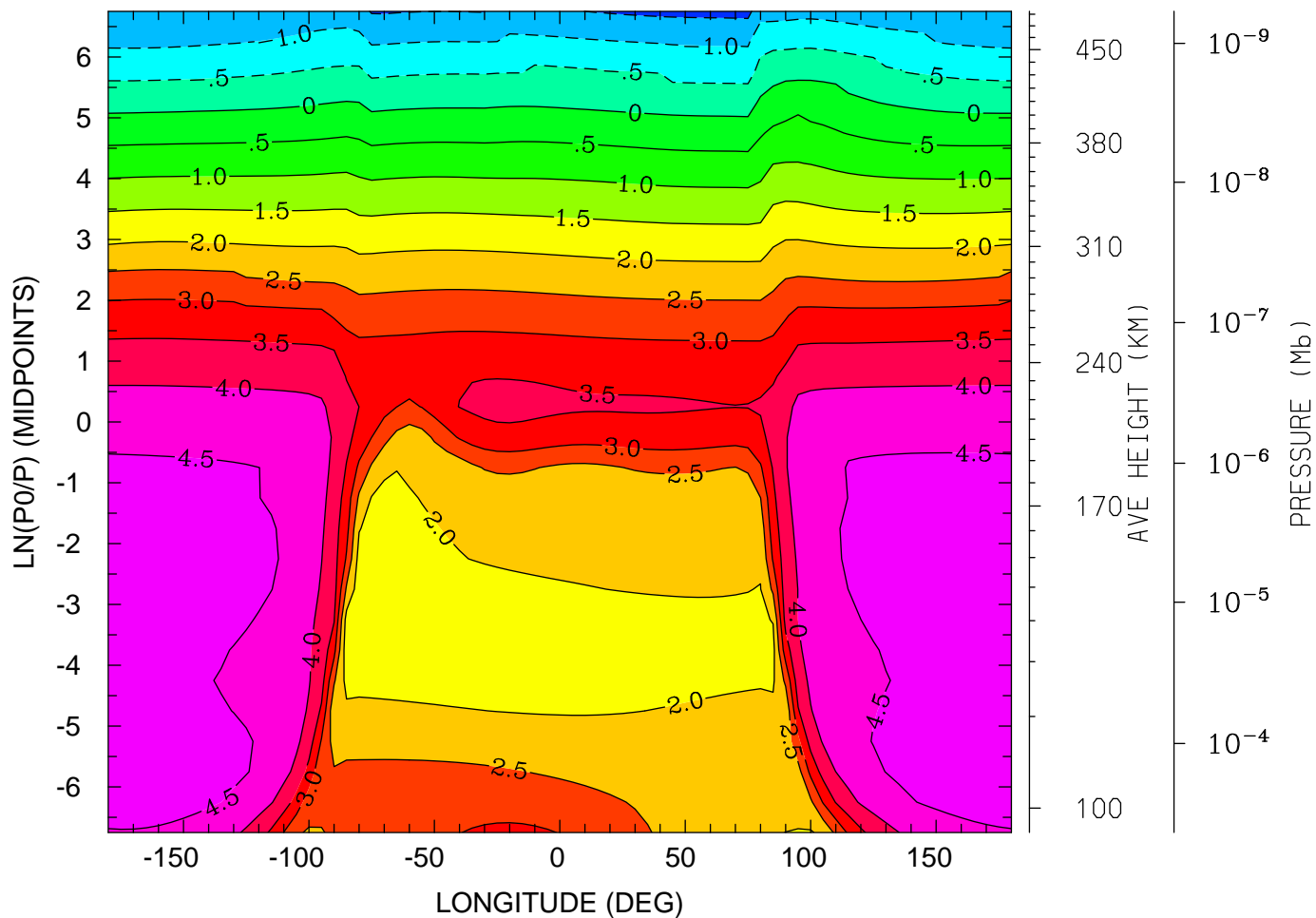
LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= -42.50 (DEG)



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

MIN,MAX= -1.4457E+00 4.6958E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

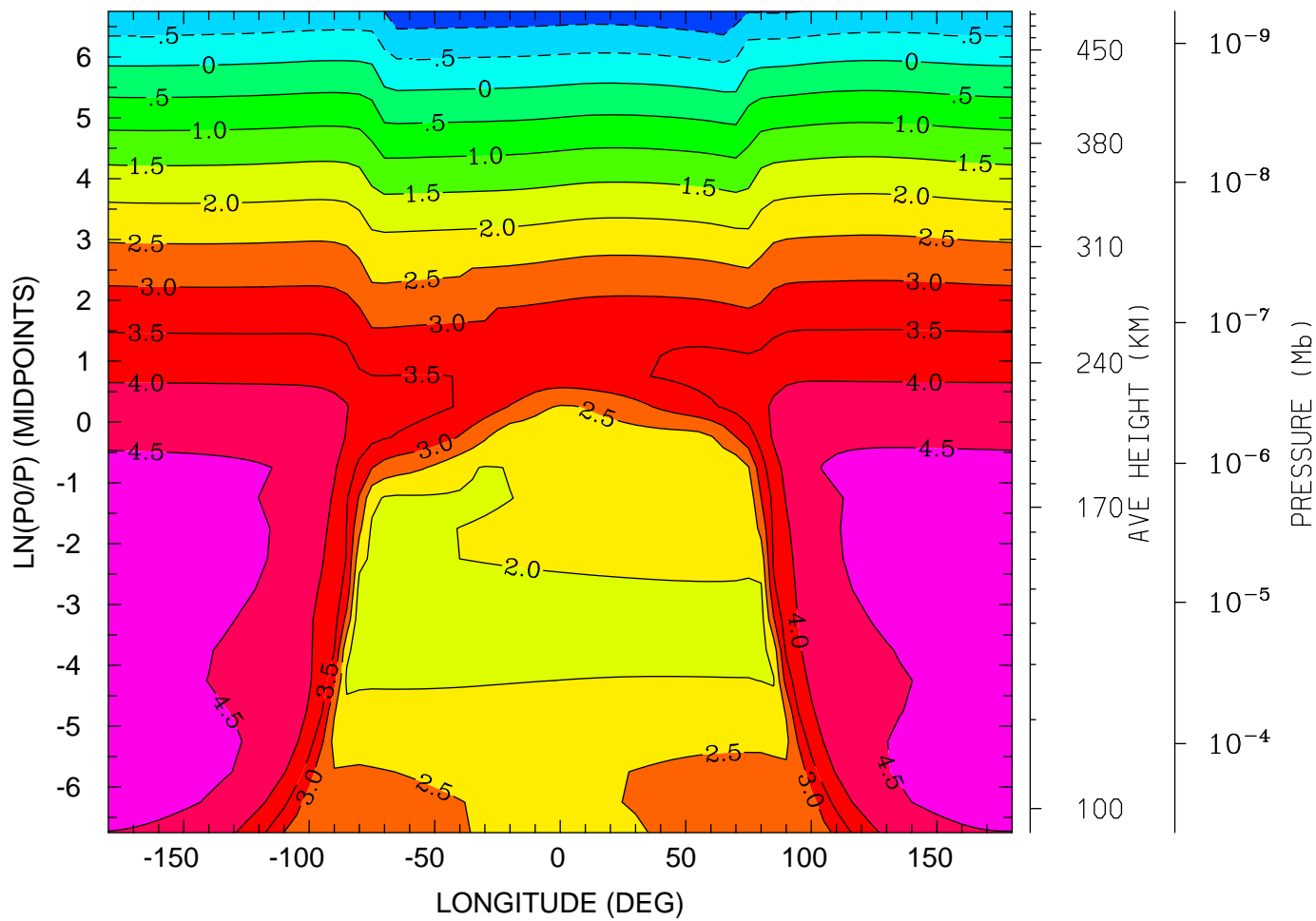
LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= -2.50 (DEG)



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

MIN,MAX= -1.6333E+00 4.7609E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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

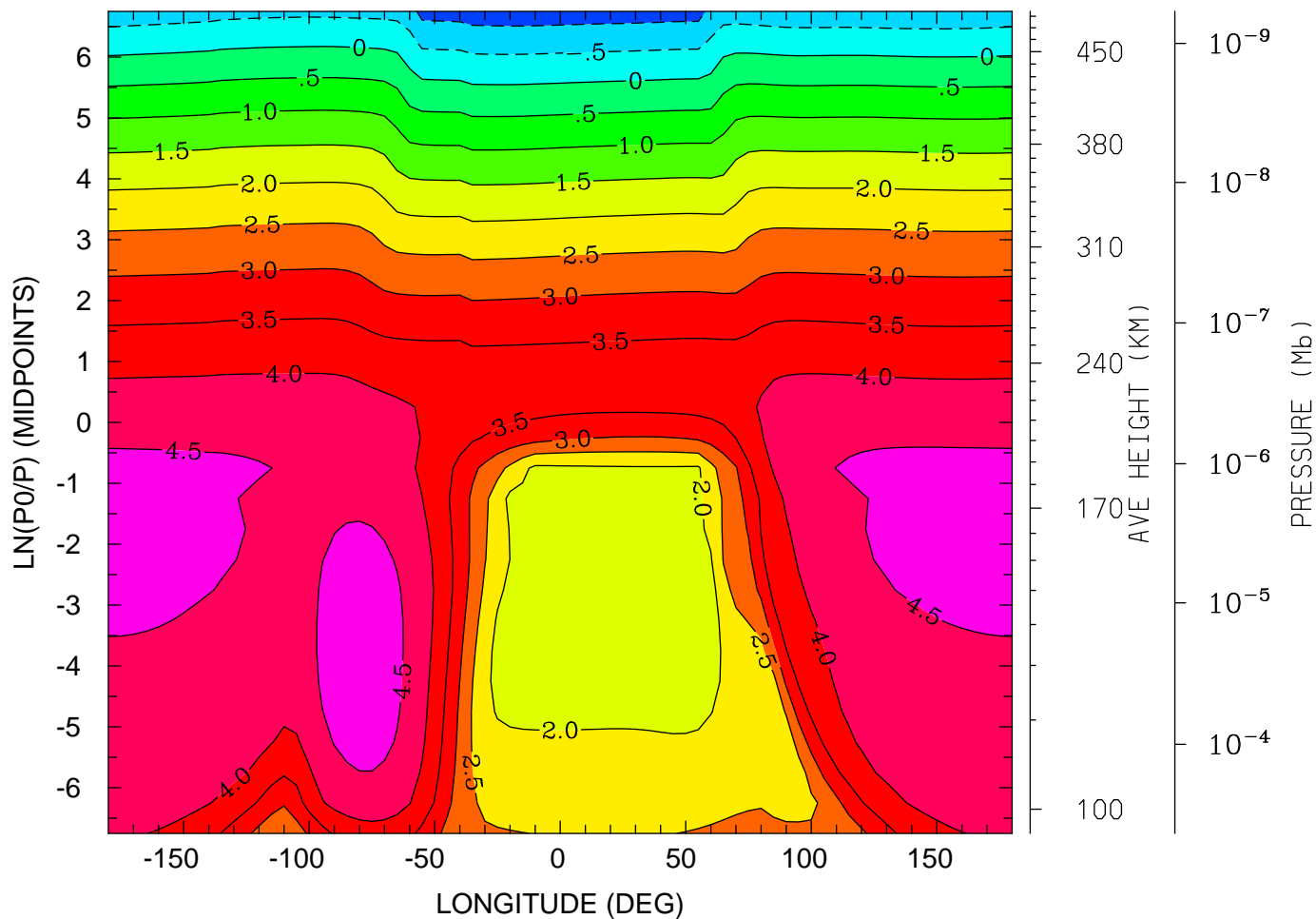


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -1.4610E+00 4.7270E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

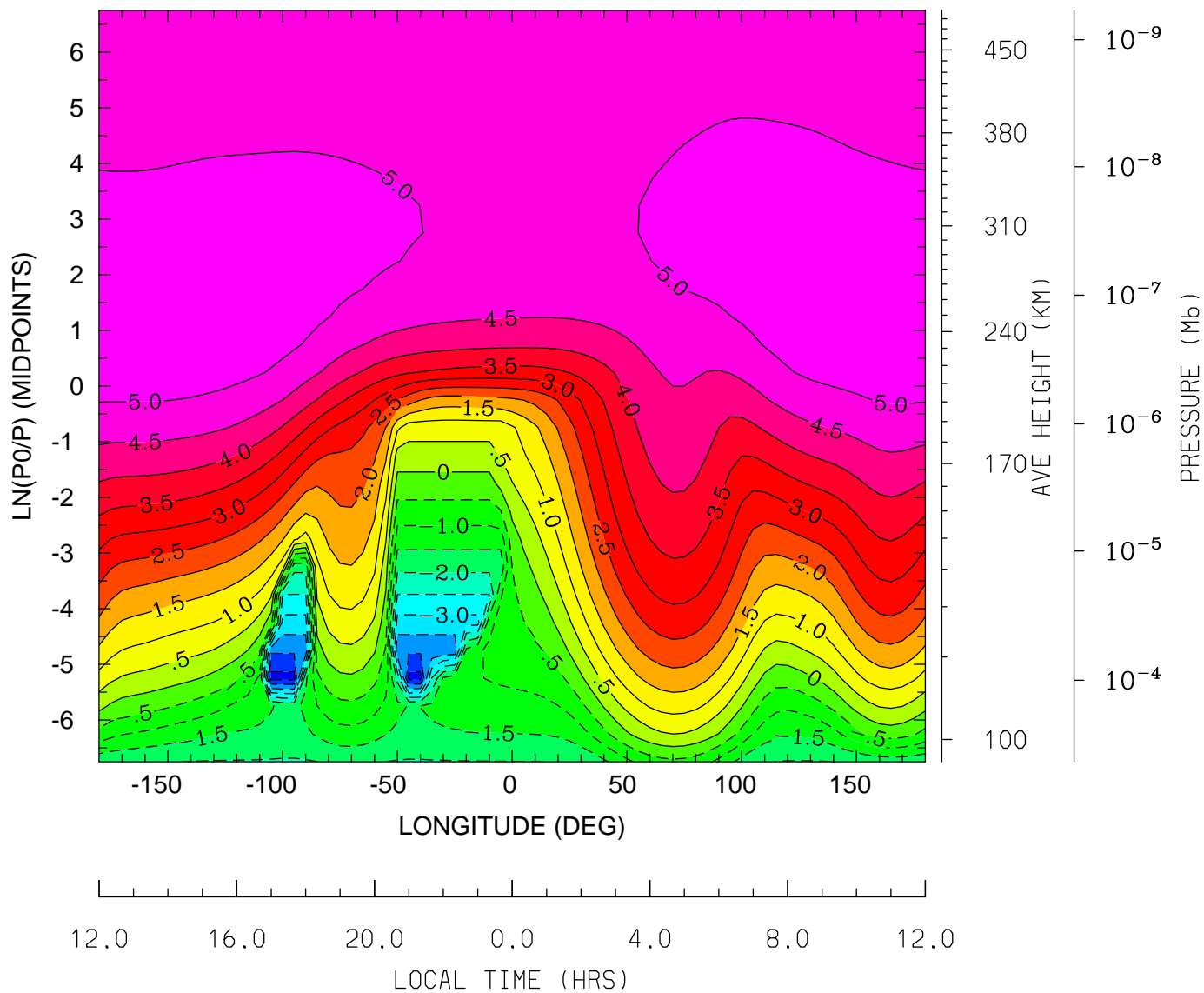


LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= 57.50 (DEG)



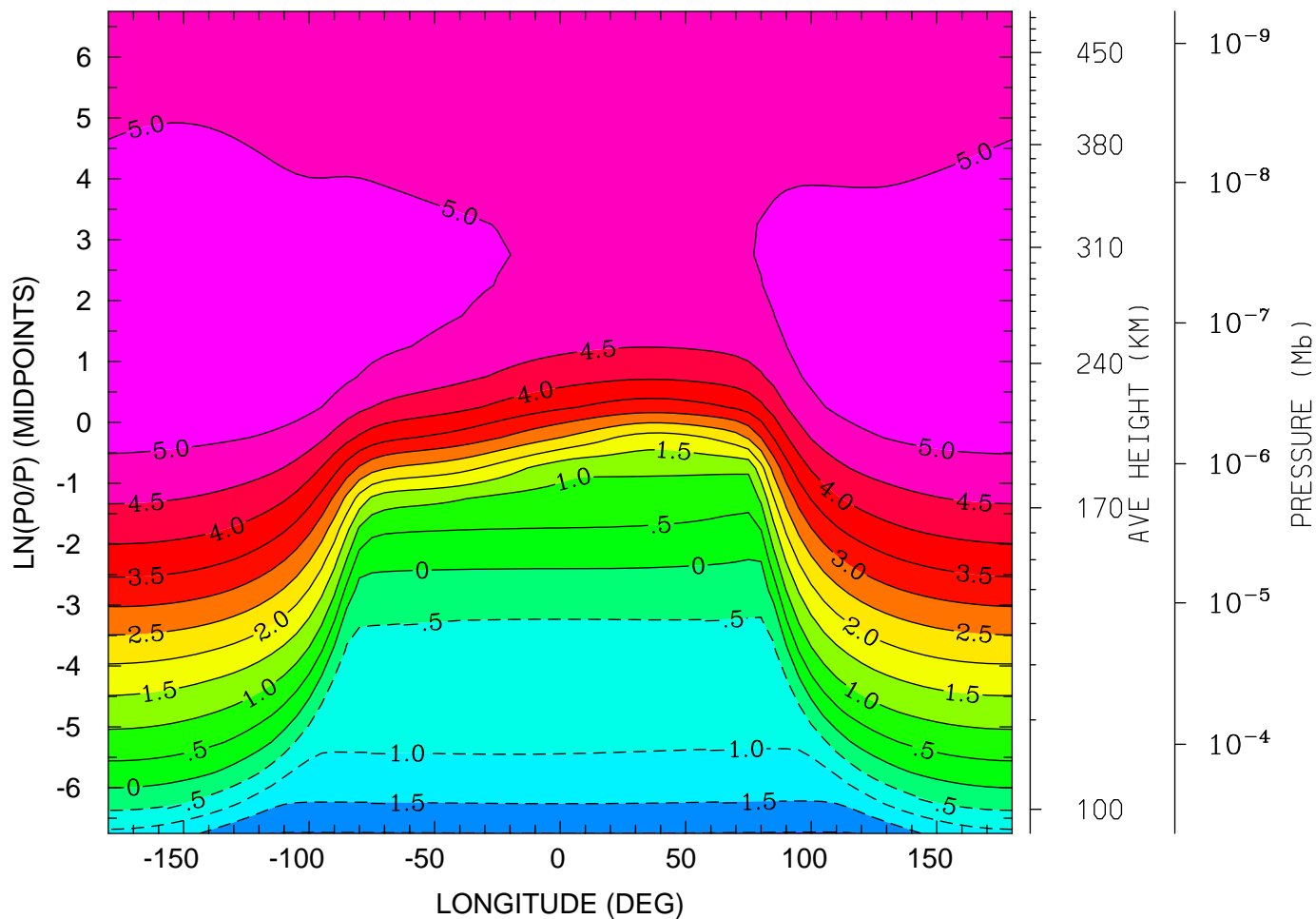
MIN,MAX= -1.2676E+00 4.7325E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= -4.6779E+00 5.3361E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

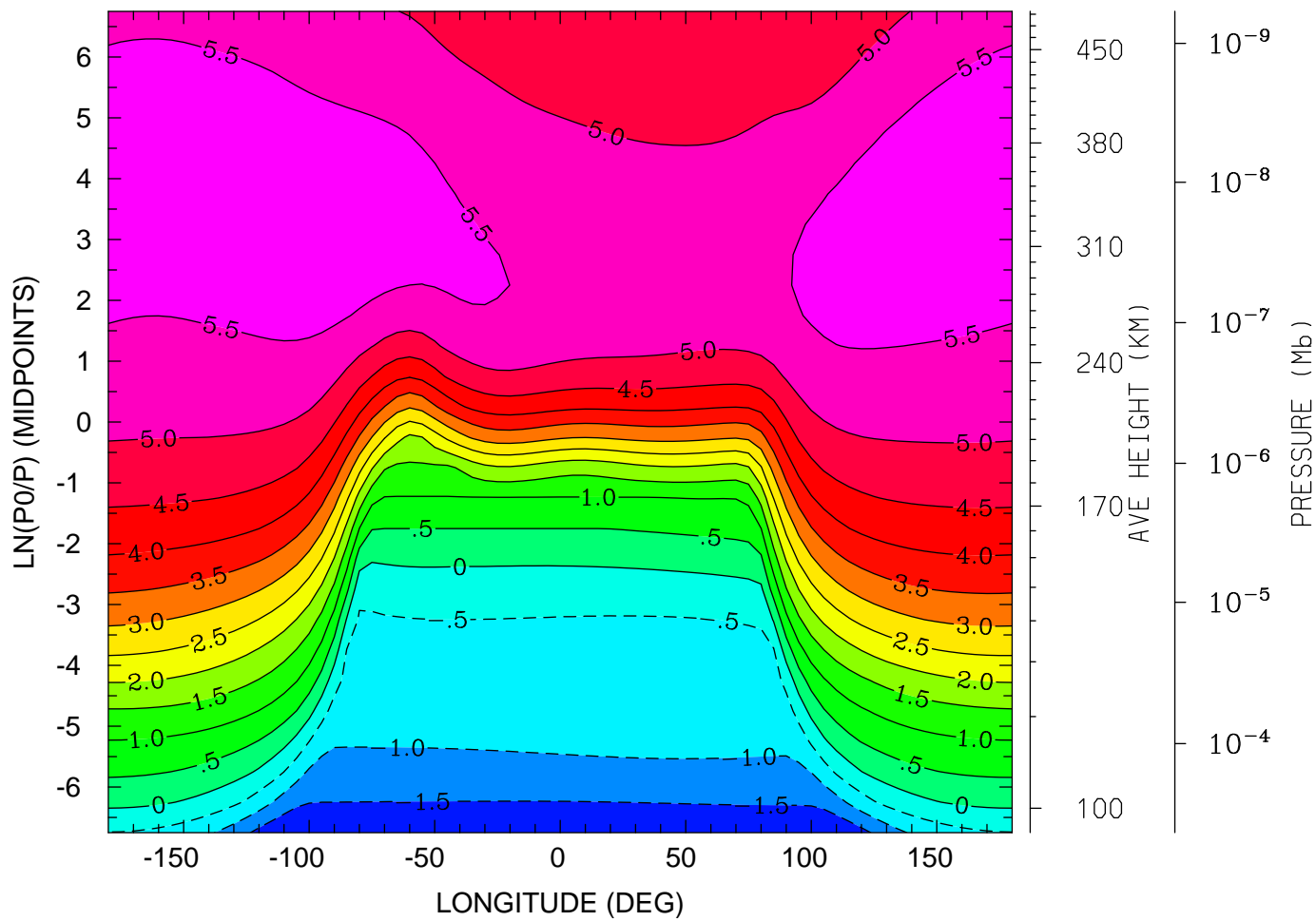
LOG10 O+ ION (CM3)  
UT= 0.00 LAT= -42.50 (DEG)



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

MIN,MAX= -2.0216E+00 5.4199E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

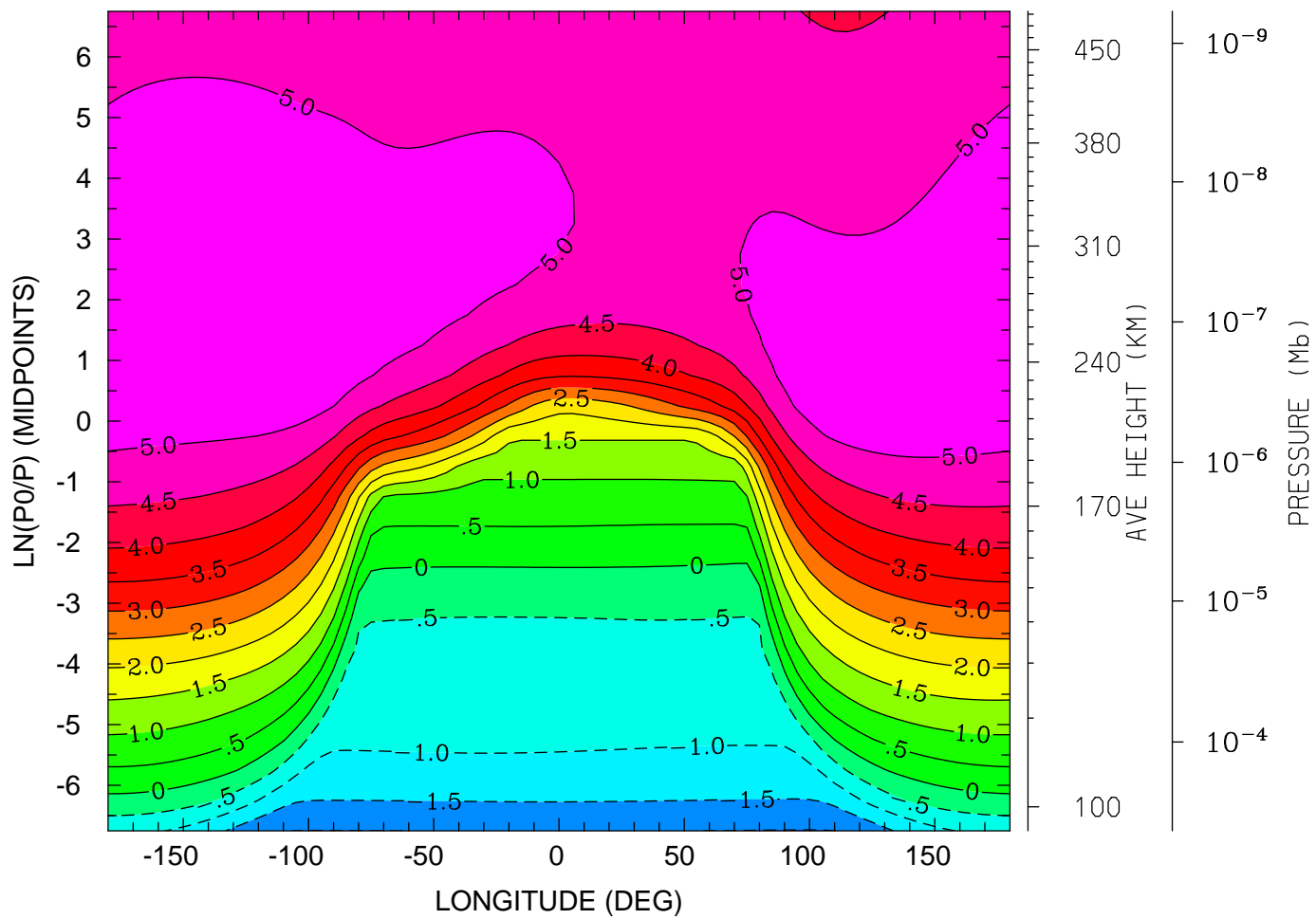
LOG10 O+ ION (CM3)  
UT= 0.00 LAT= -2.50 (DEG)



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

MIN,MAX= -2.0071E+00 5.8598E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

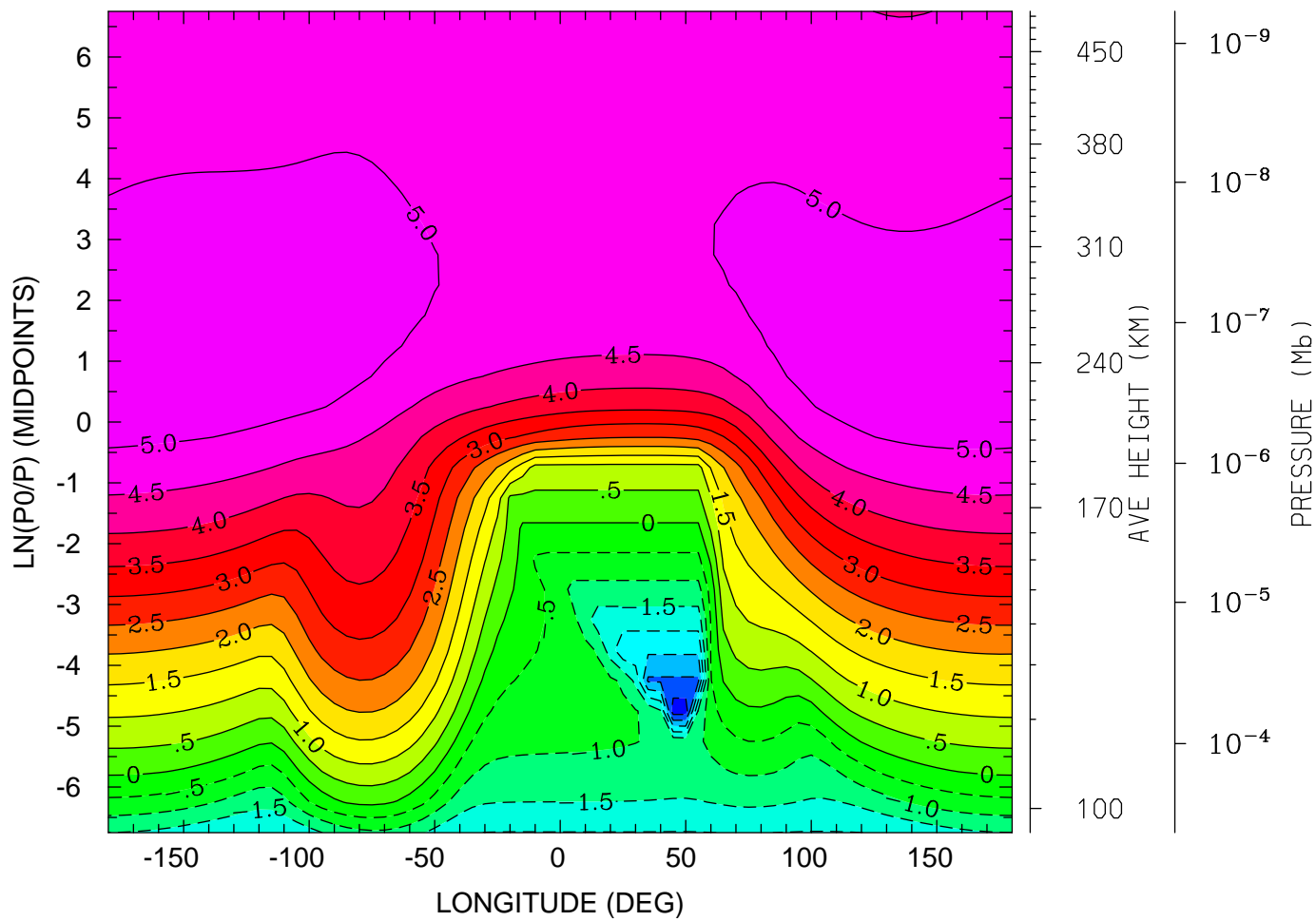
LOG10 O+ ION (CM3)  
UT= 0.00 LAT= 37.50 (DEG)



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

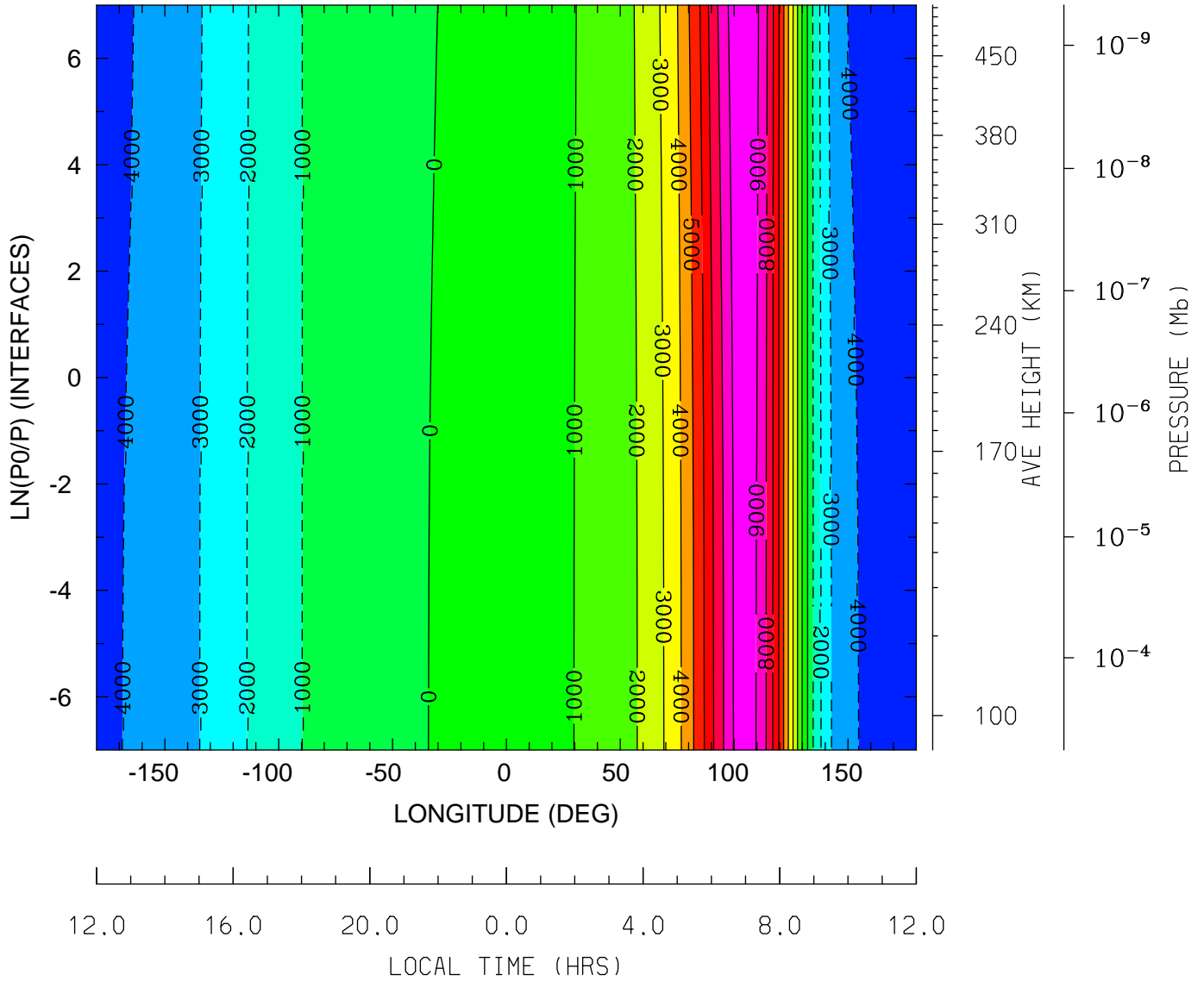
MIN,MAX= -2.0151E+00 5.4902E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



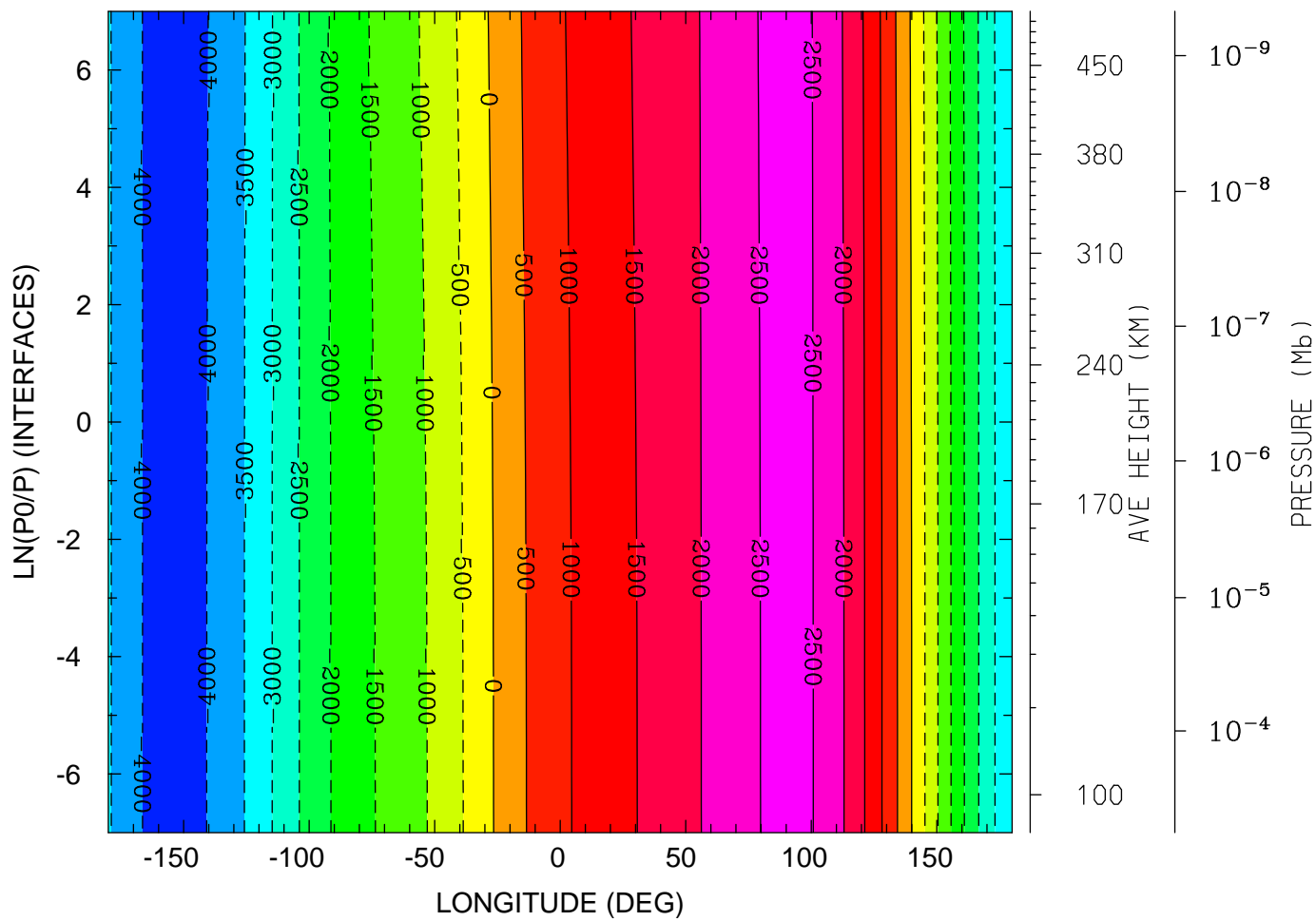
MIN,MAX= -3.8064E+00 5.3410E+00 INTERVAL= 5.0000E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= -4.3186E+03 9.8526E+03 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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

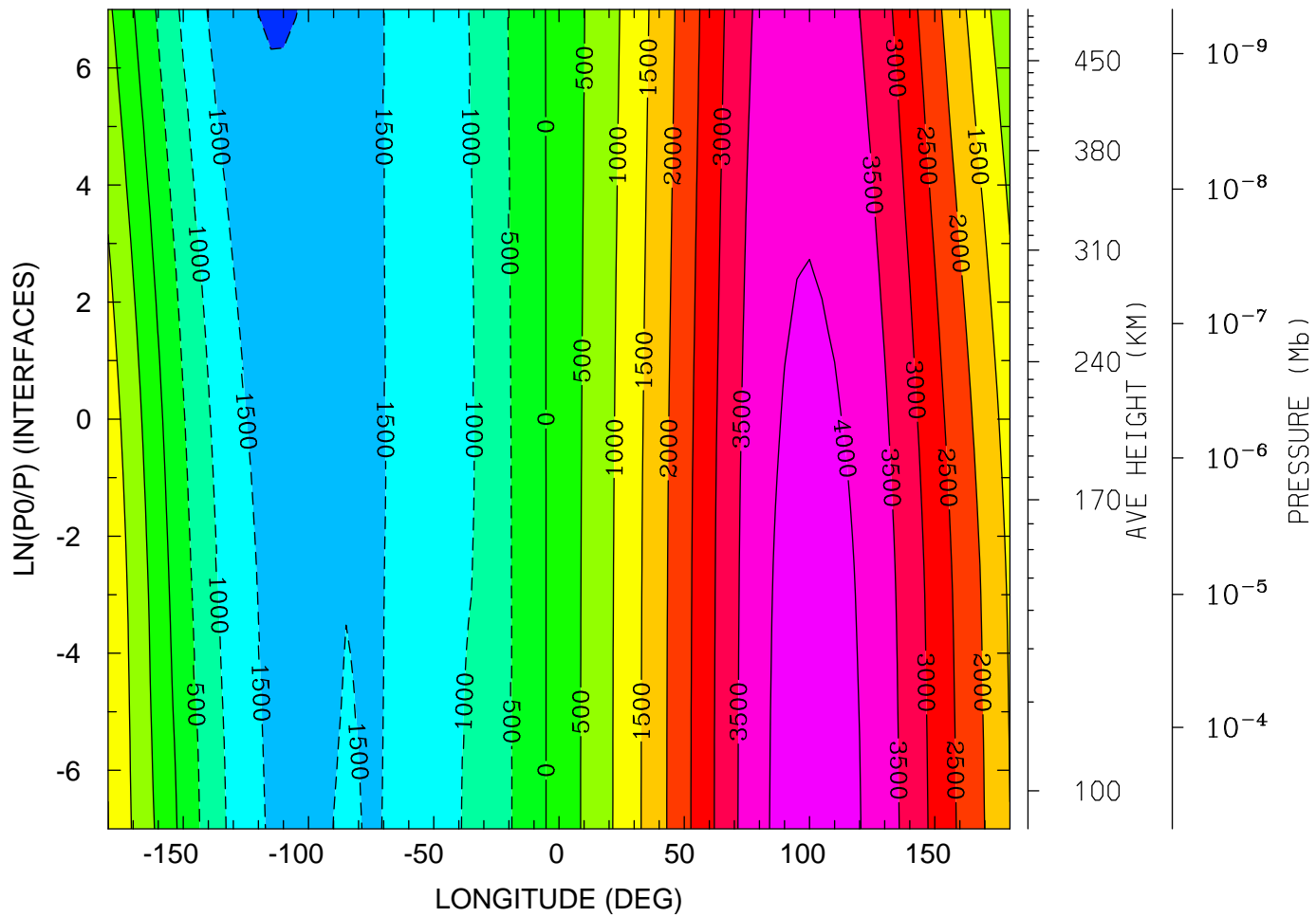


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= -4.1663E+03 2.6096E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

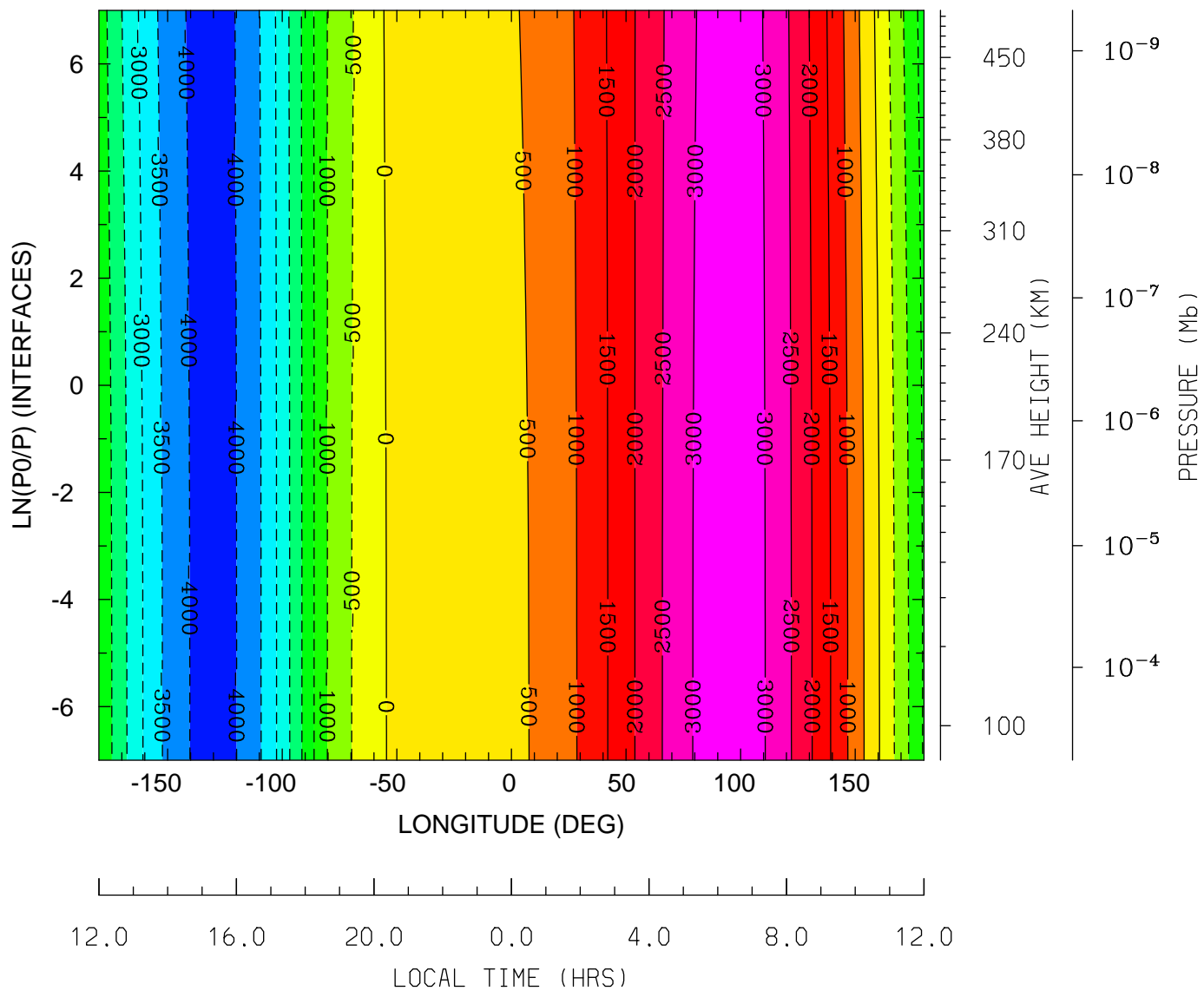


ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -2.50 (DEG)



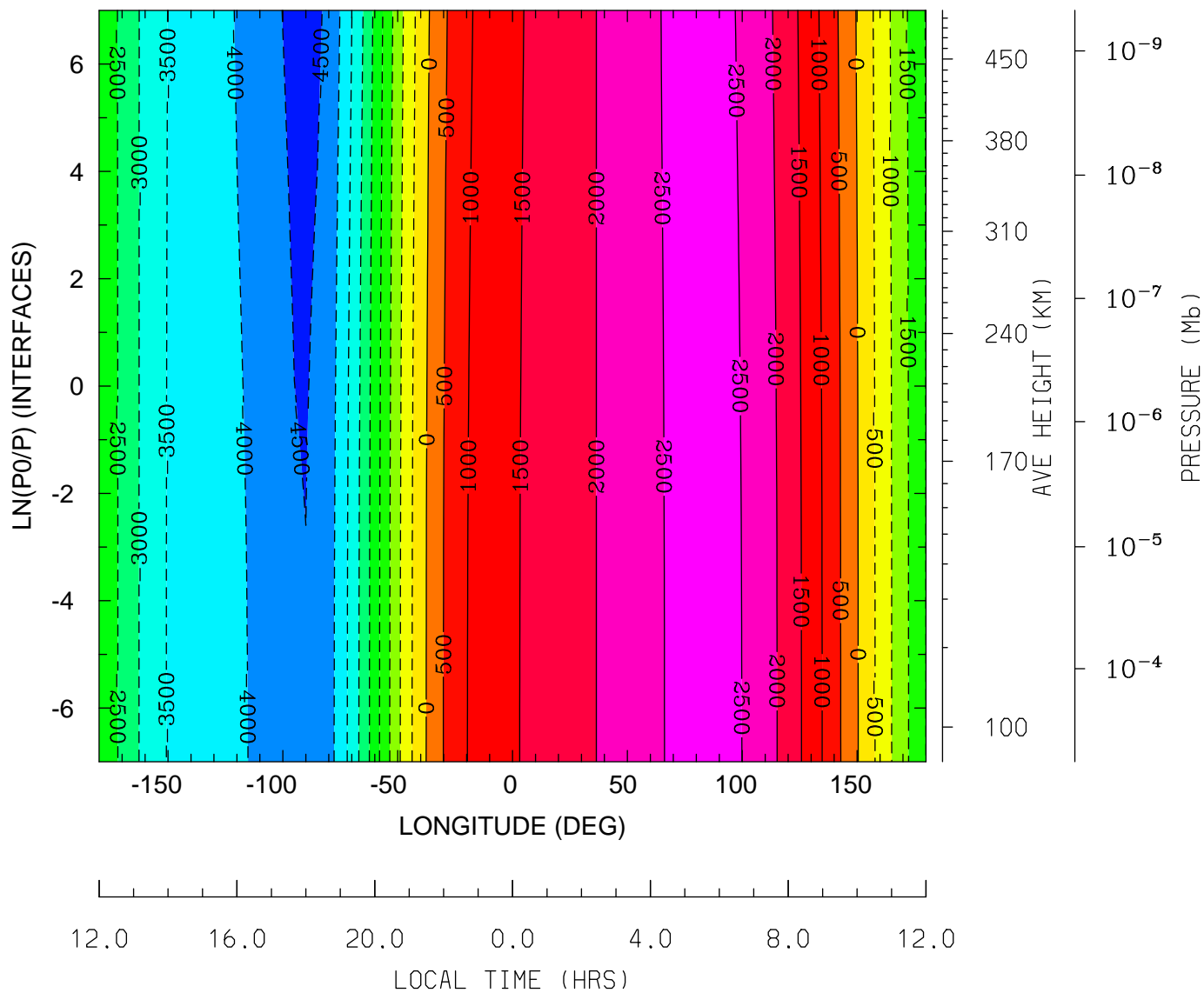
MIN,MAX= -2.0410E+03 4.2035E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



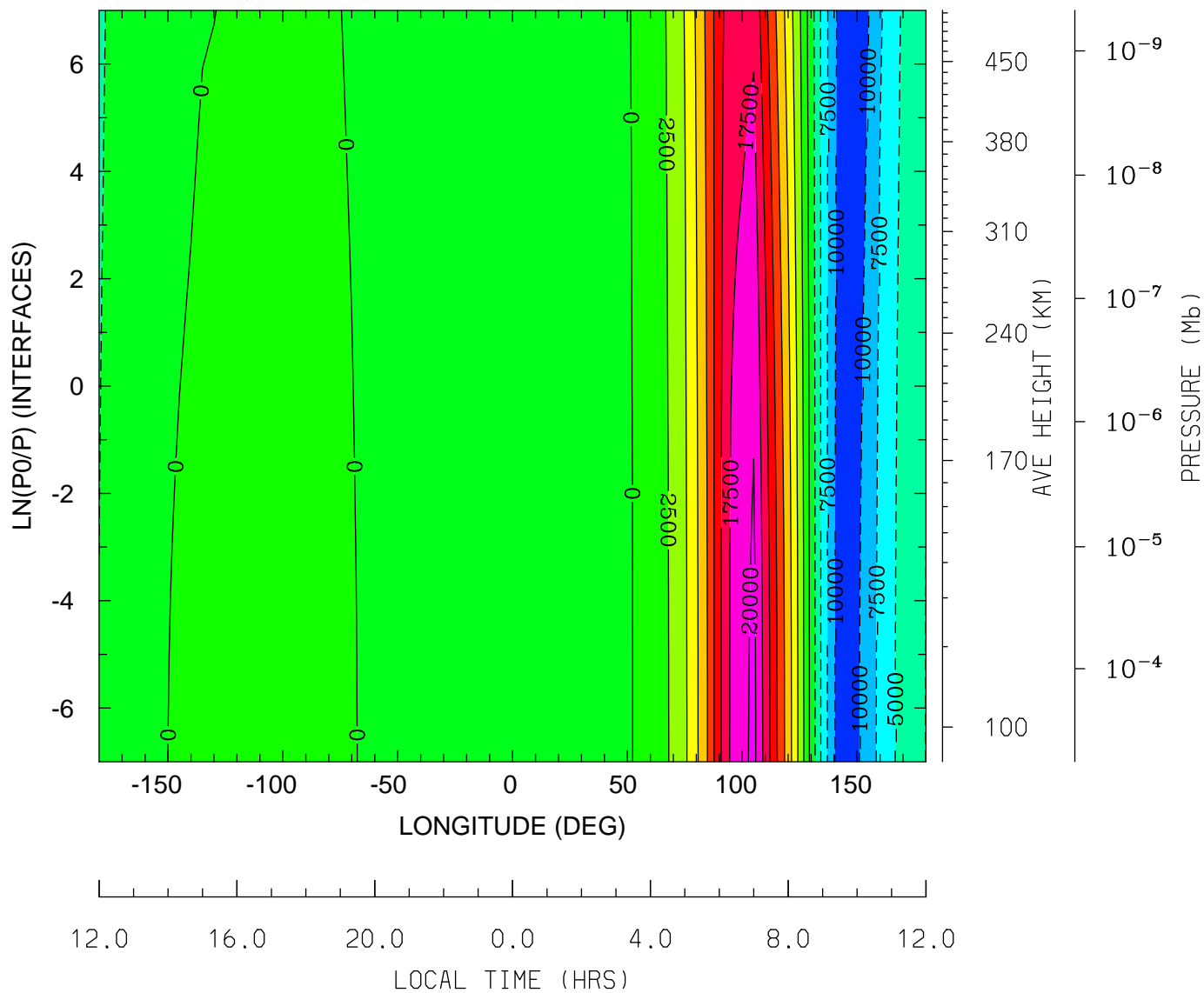
MIN,MAX= -4.1596E+03 3.3070E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



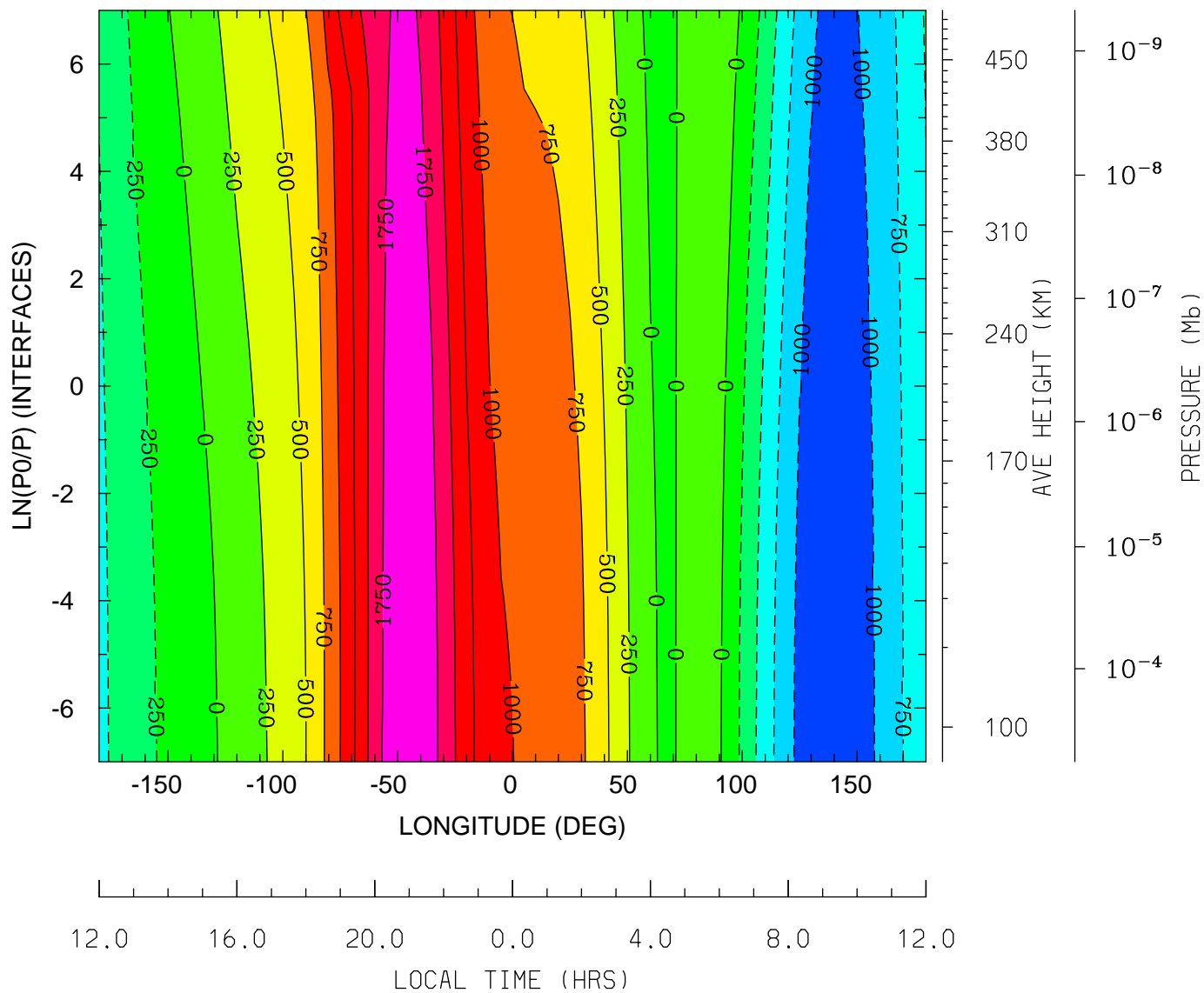
MIN,MAX= -4.6658E+03 2.6556E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



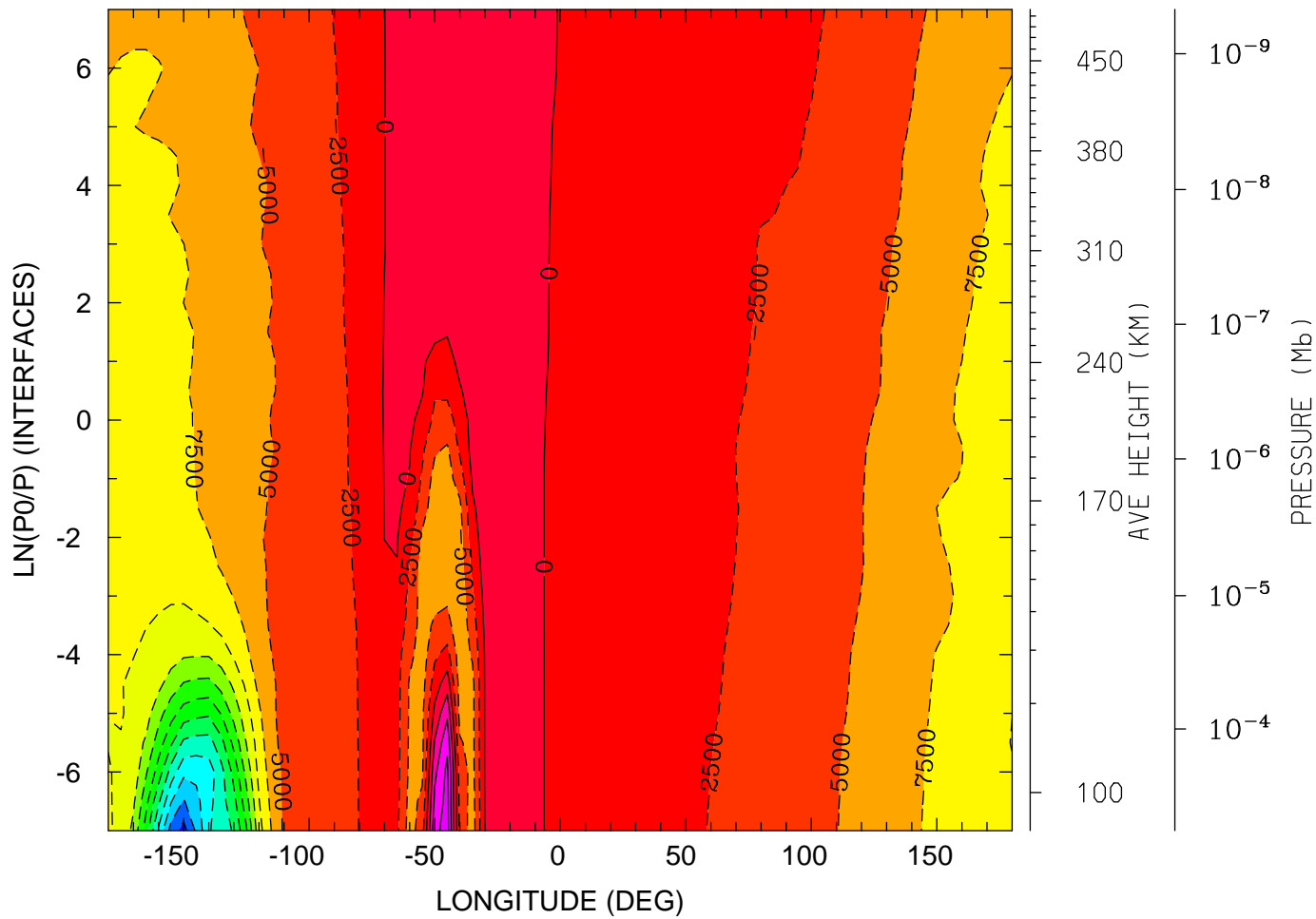
MIN,MAX= -1.1345E+04 2.0735E+04 INTERVAL= 2.5000E+03  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= -1.2389E+03 1.9782E+03 INTERVAL= 2.5000E+02  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

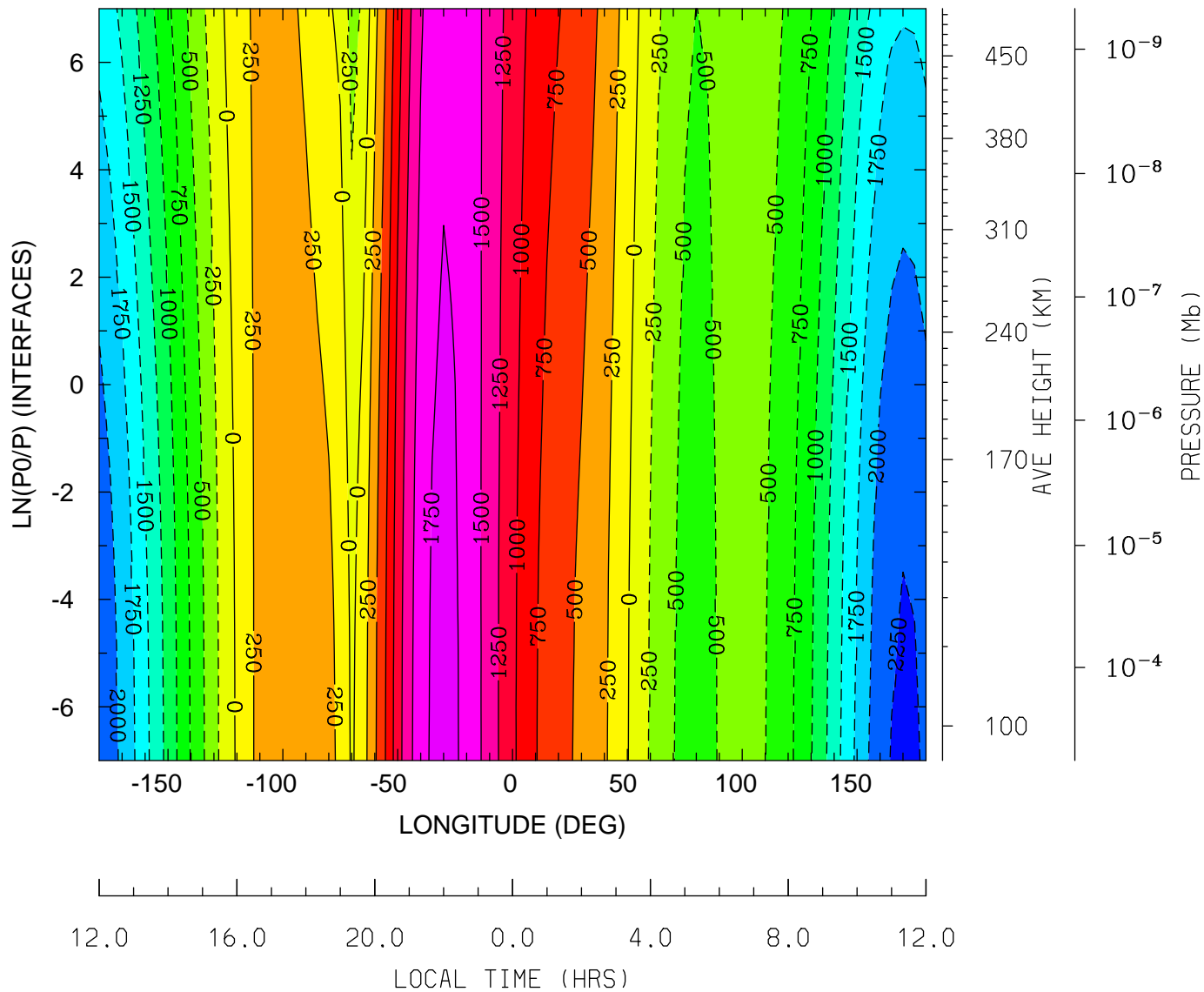
UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= -2.50 (DEG)



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

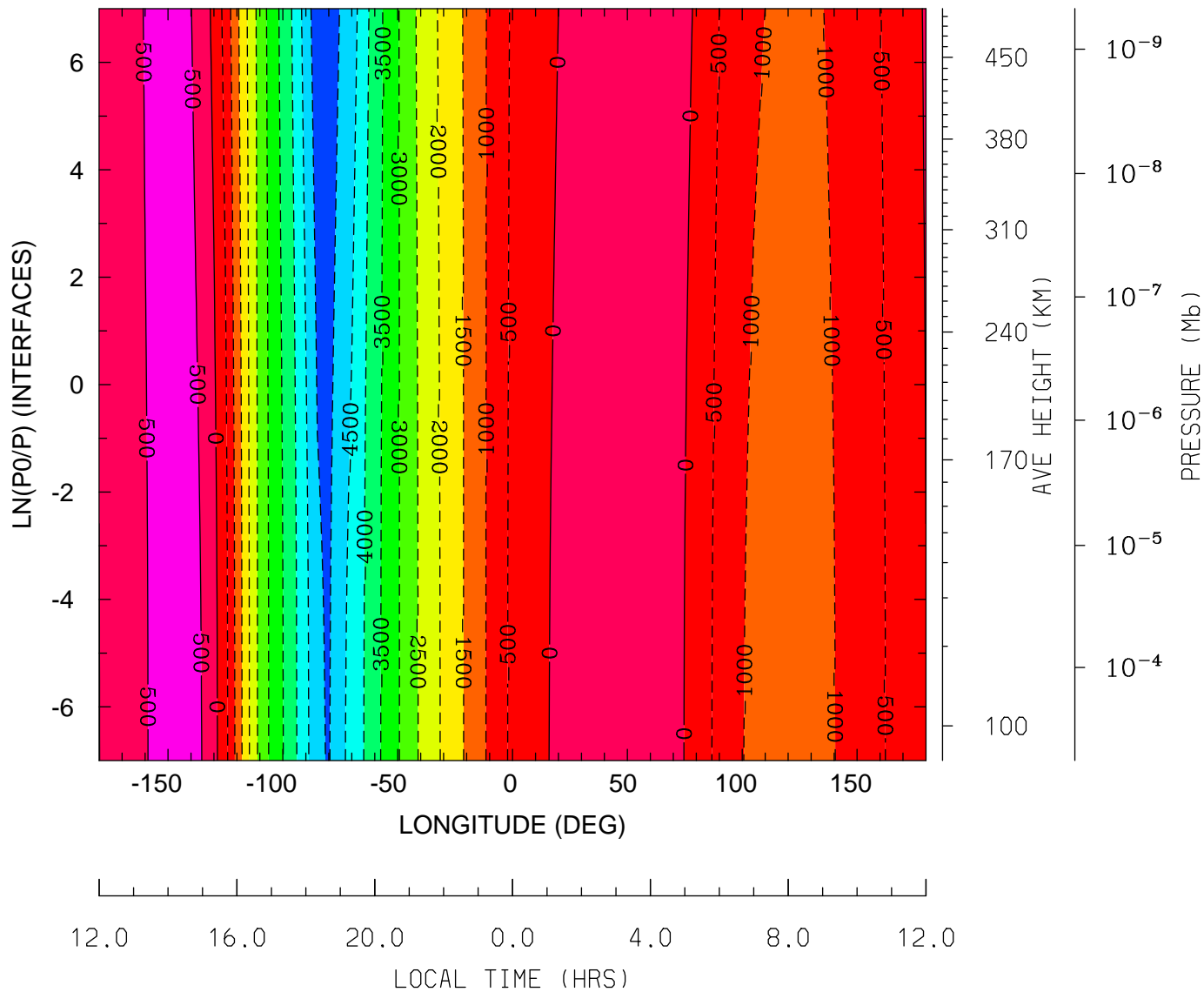
MIN,MAX= -3.3500E+04 8.7147E+03 INTERVAL= 2.5000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= -2.3075E+03 1.8227E+03 INTERVAL= 2.5000E+02  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

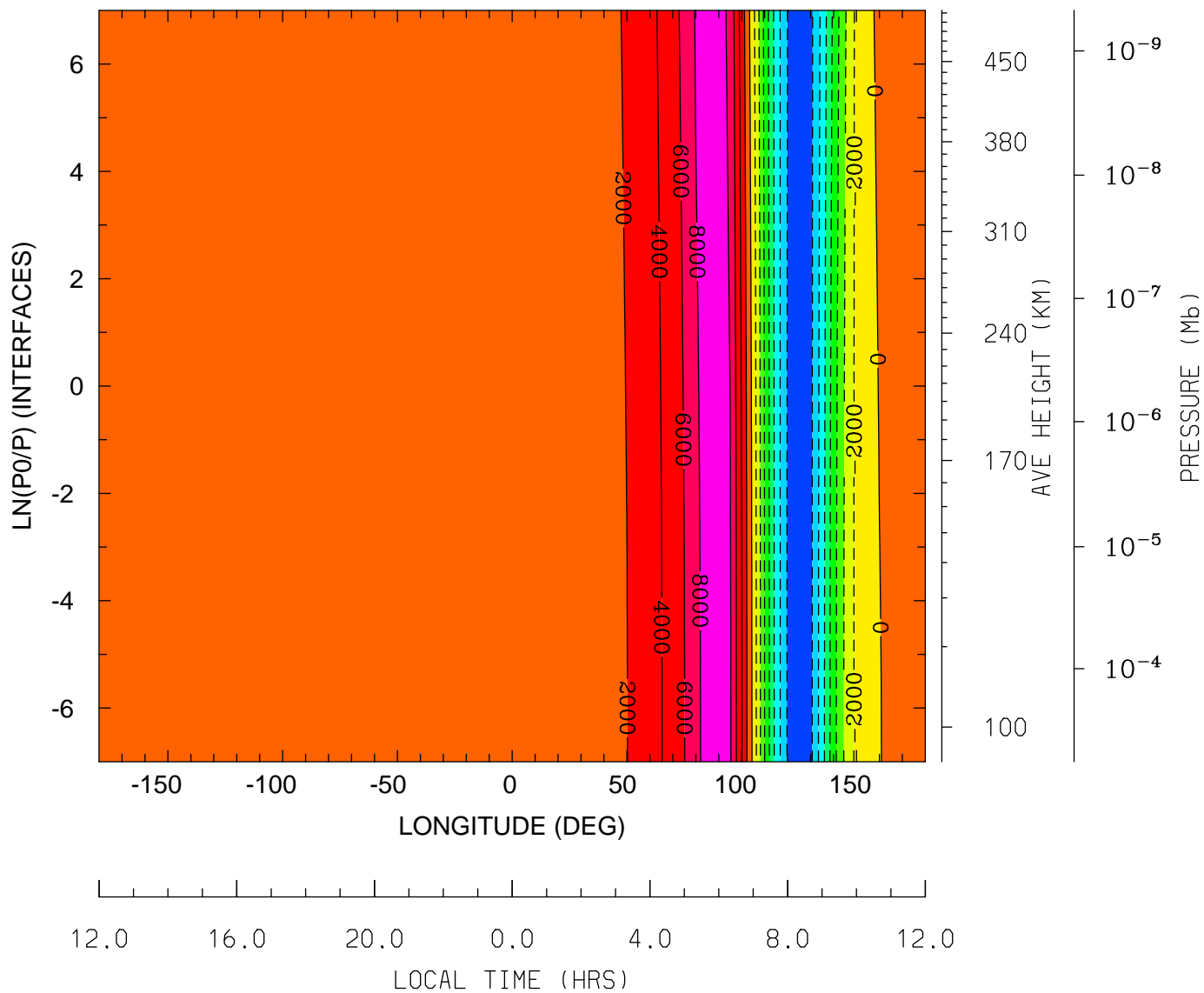
UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= 57.50 (DEG)



MIN,MAX= -5.4209E+03 6.4914E+02 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

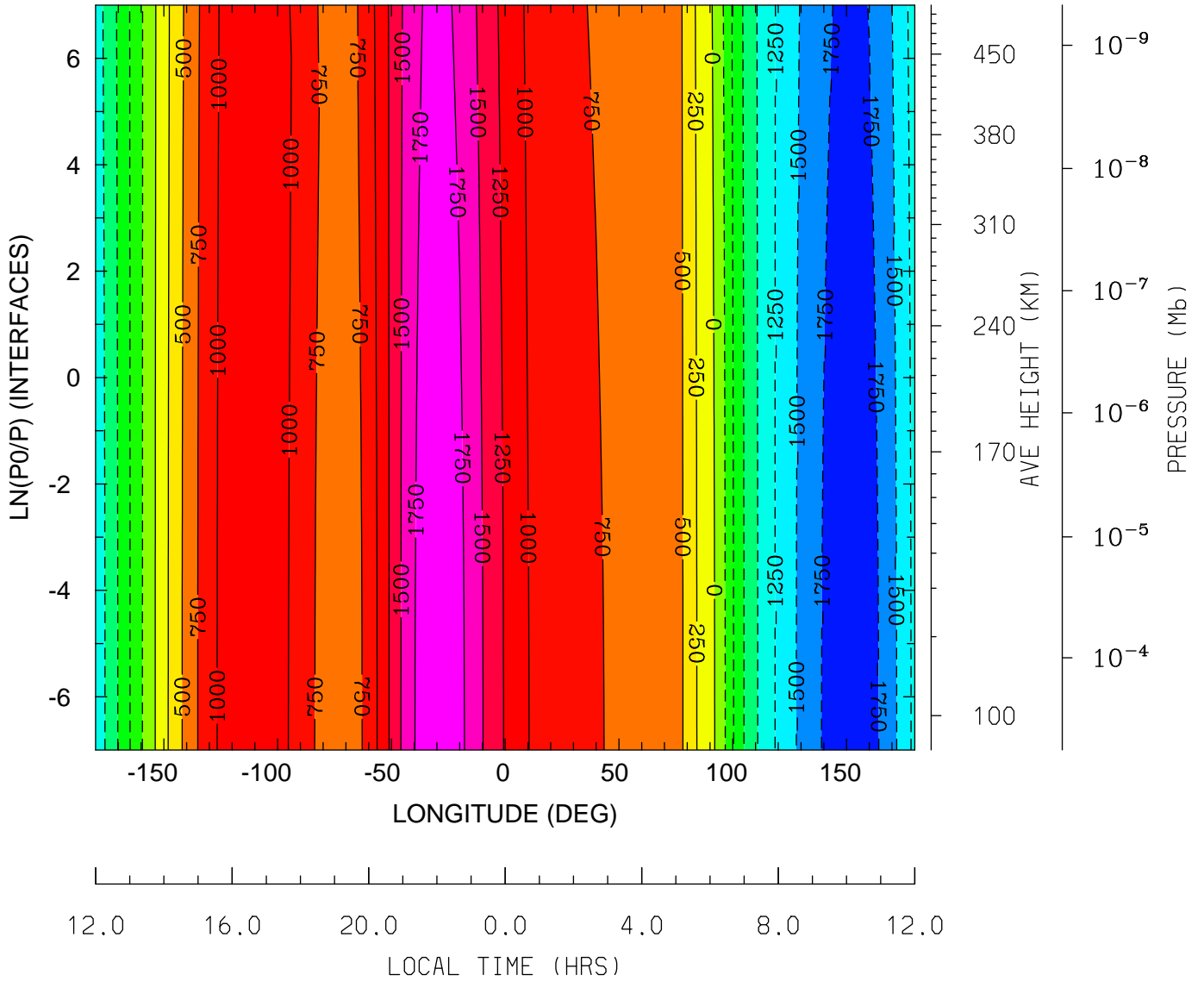


VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 (DEG)



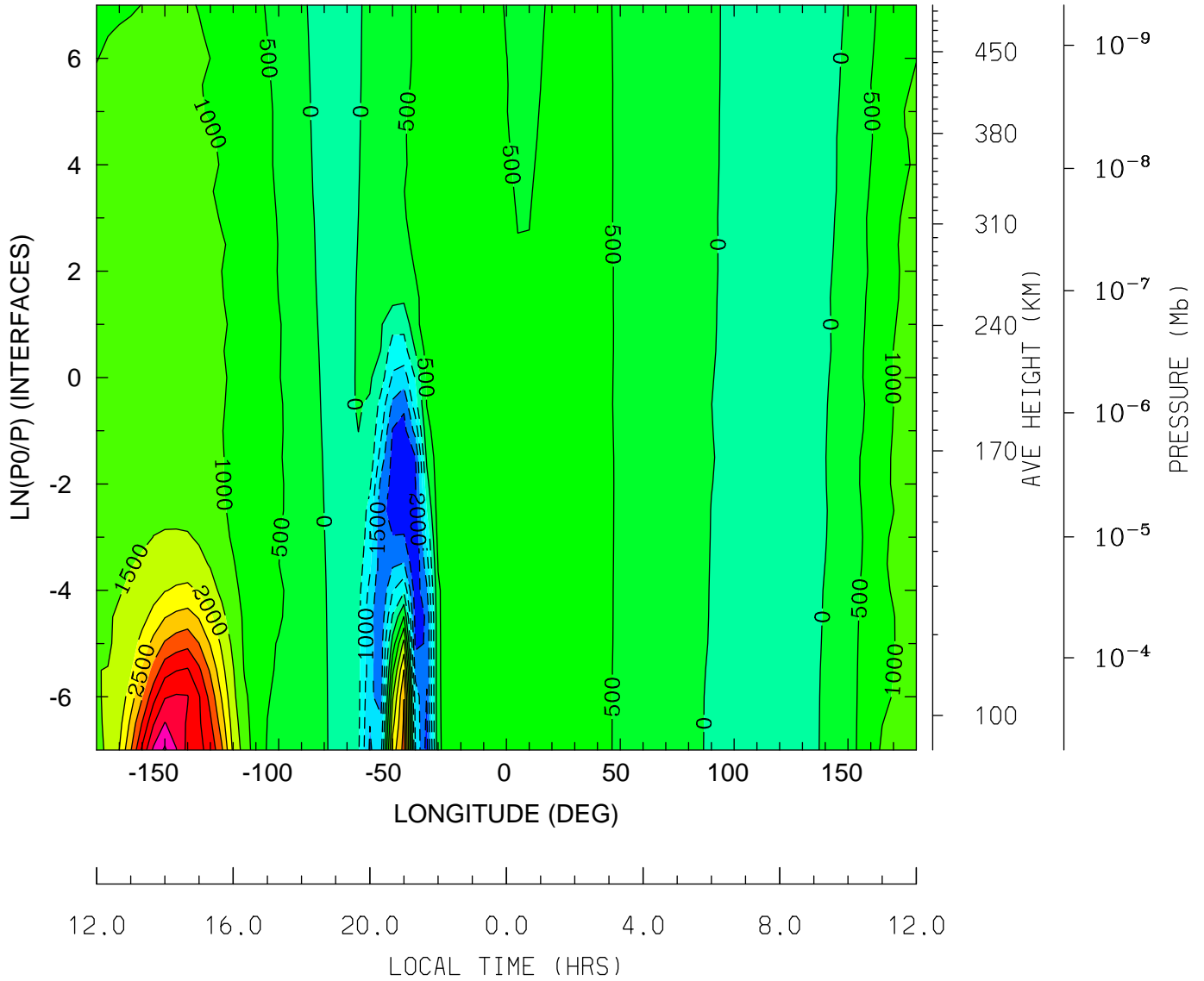
MIN,MAX= -1.5629E+04 9.5263E+03 INTERVAL= 2.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



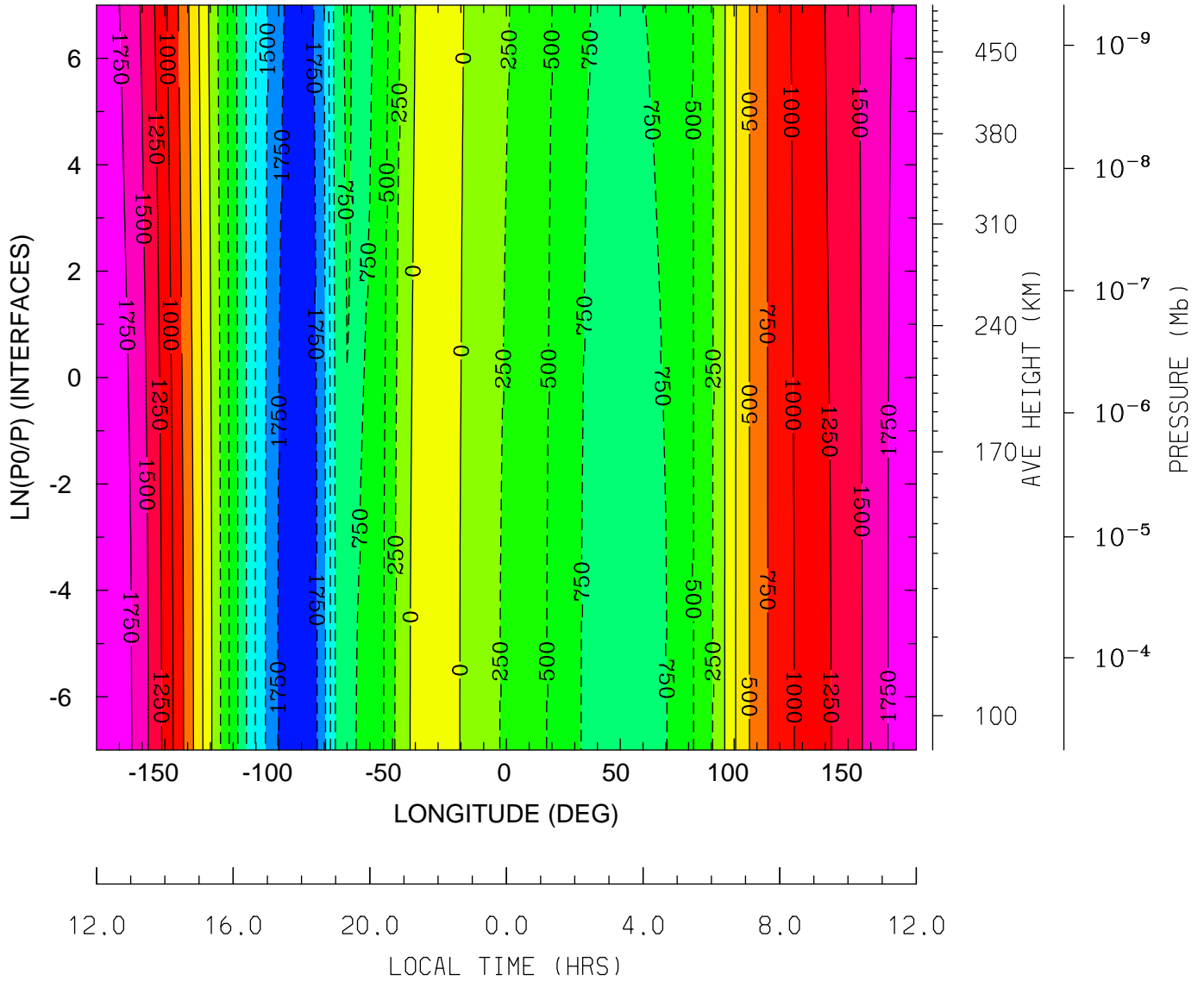
MIN,MAX= -1.8968E+03 1.9302E+03 INTERVAL= 2.5000E+02  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



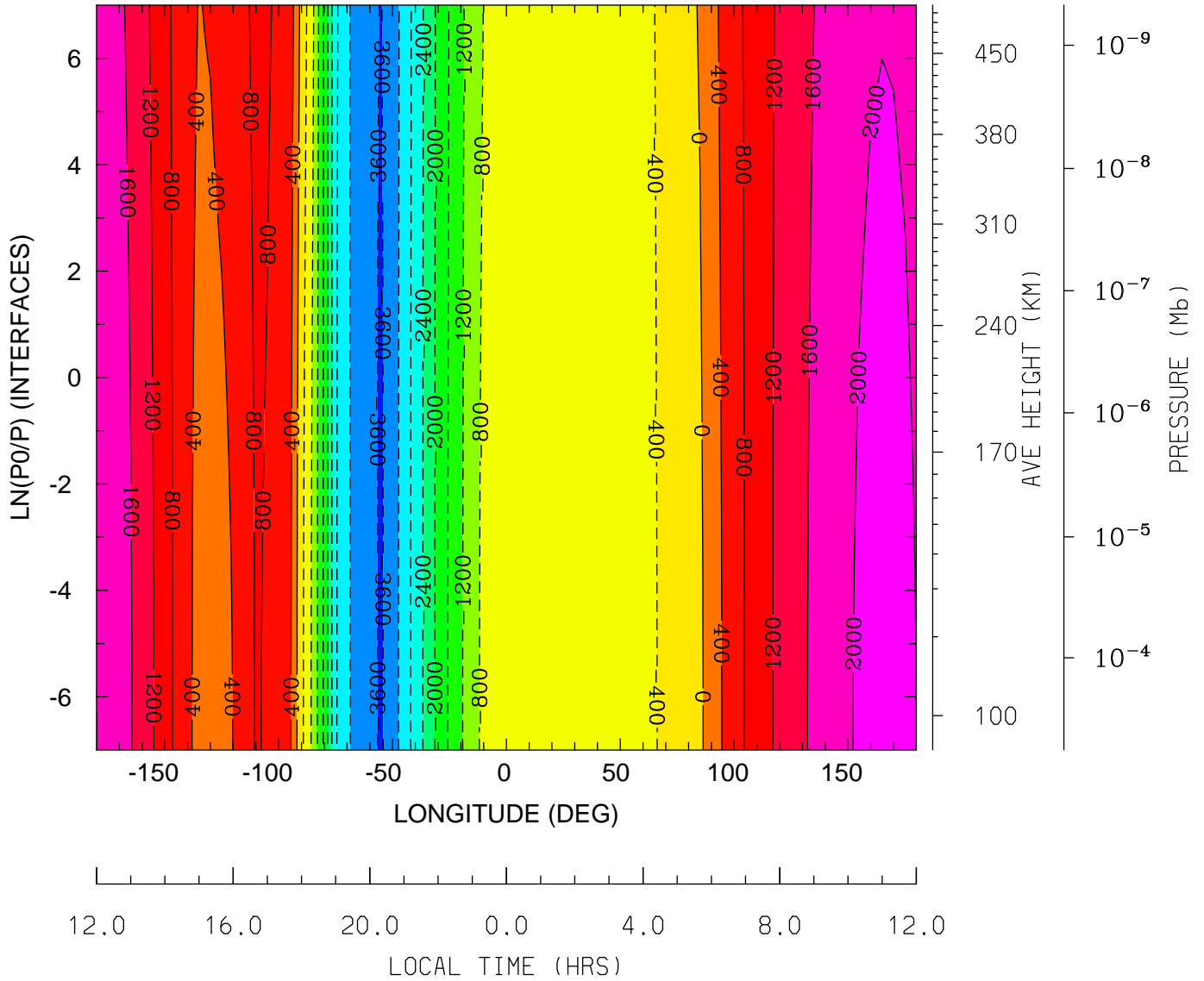
MIN,MAX= -2.4668E+03 5.5825E+03 INTERVAL= 5.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



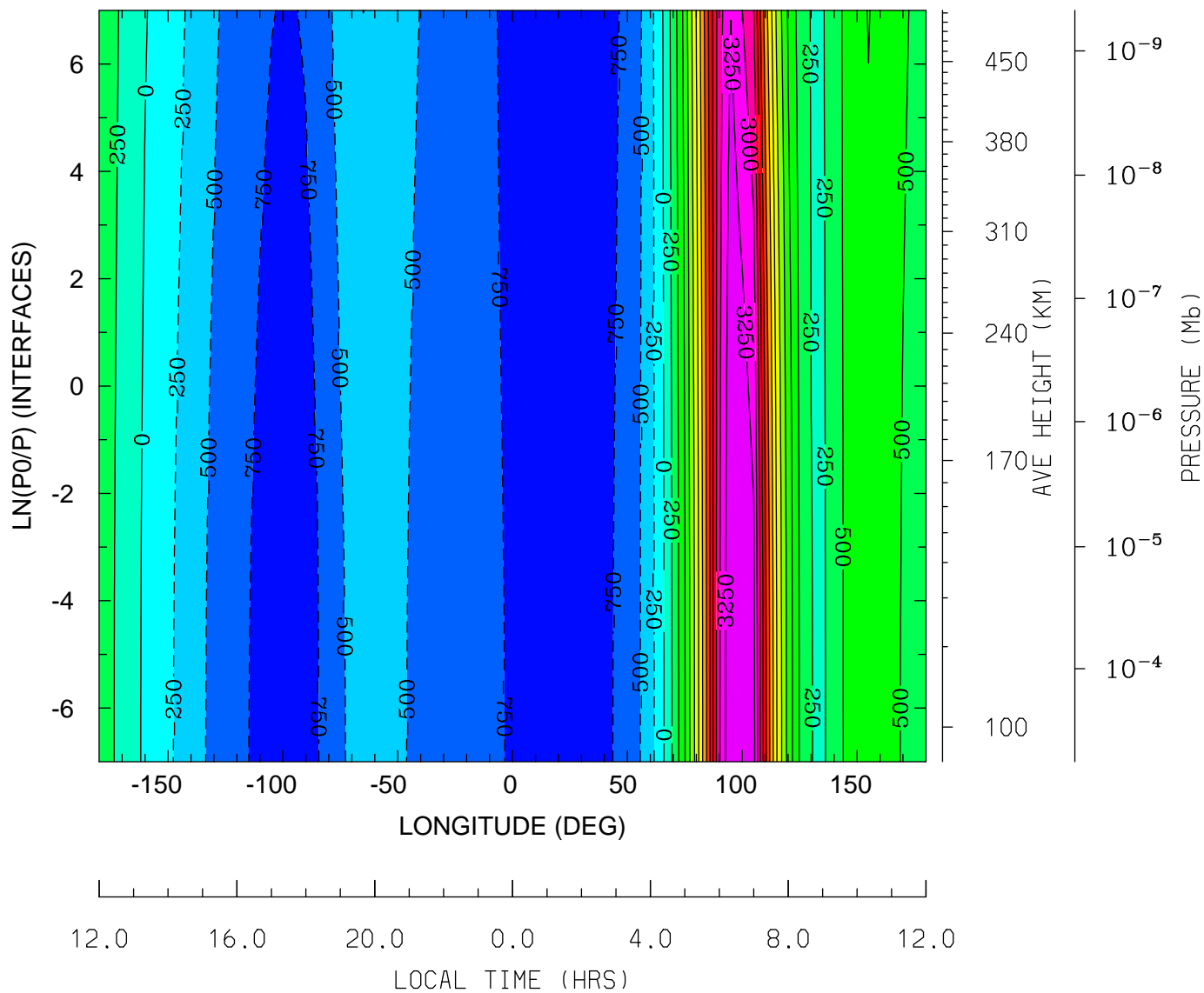
MIN,MAX= -1.9431E+03 1.9317E+03 INTERVAL= 2.5000E+02  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



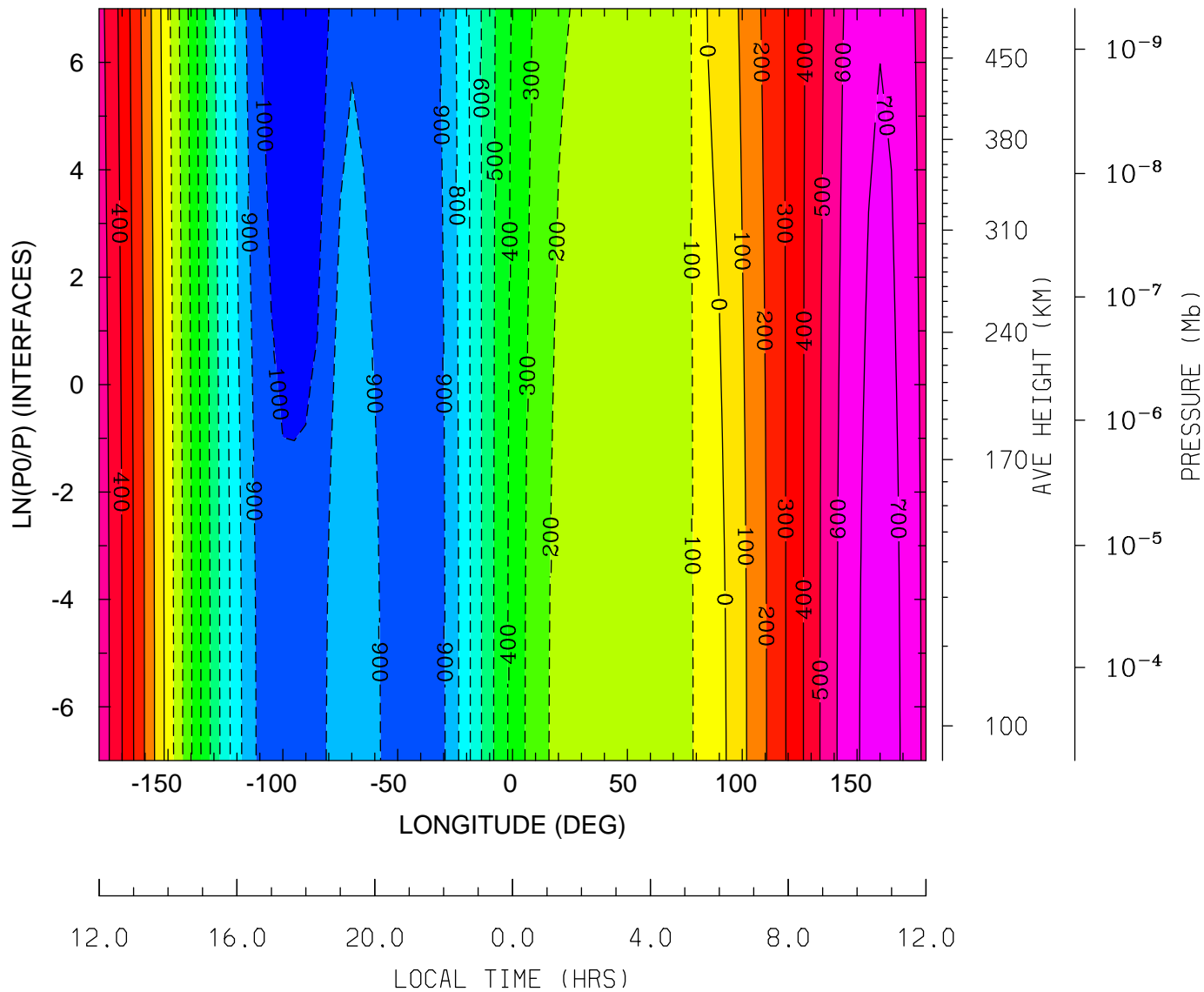
MIN,MAX= -3.6360E+03 2.1018E+03 INTERVAL= 4.0000E+02  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



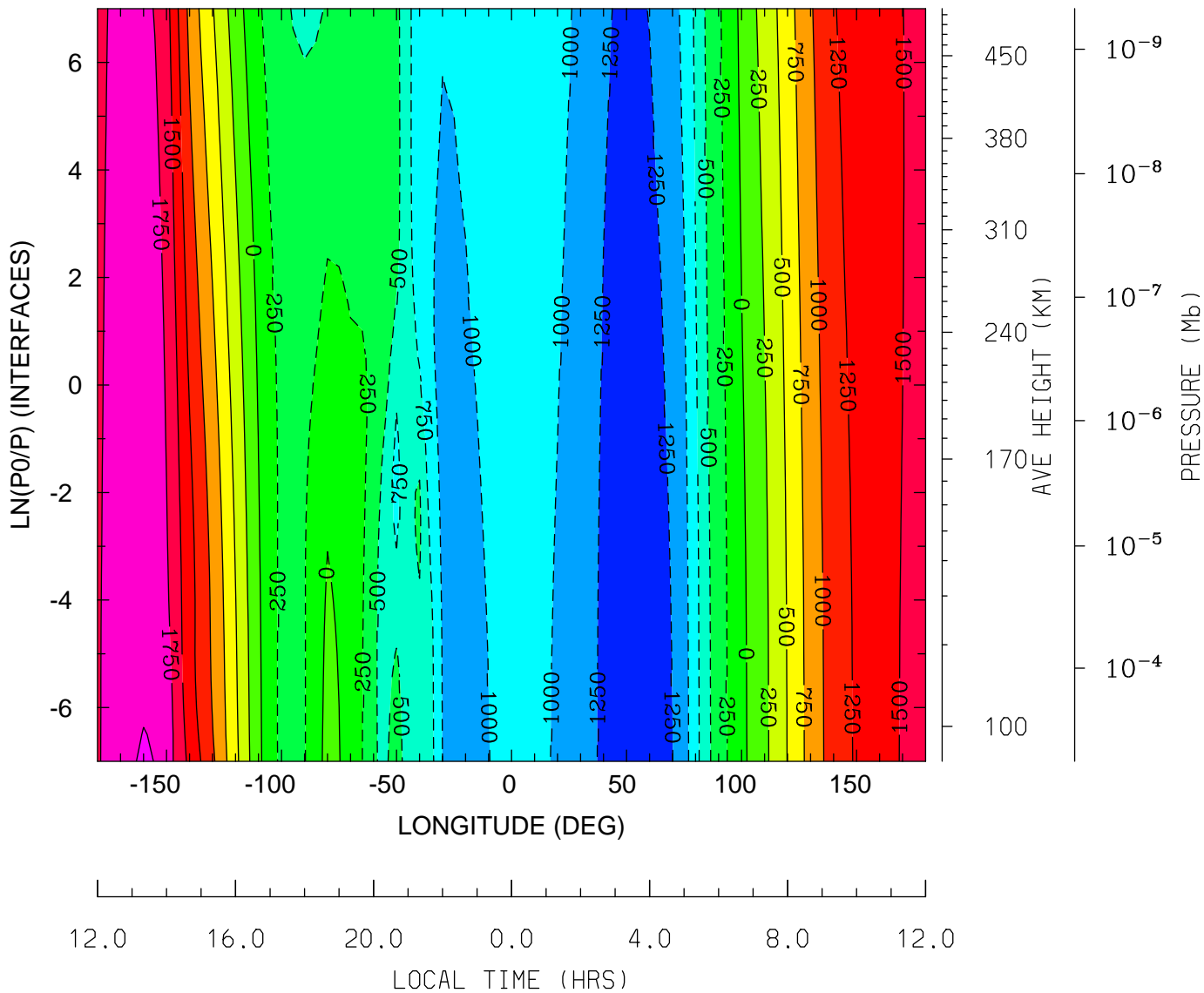
MIN,MAX= -9.5334E+02 3.4924E+03 INTERVAL= 2.5000E+02  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= -1.0766E+03 7.3560E+02 INTERVAL= 1.0000E+02  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

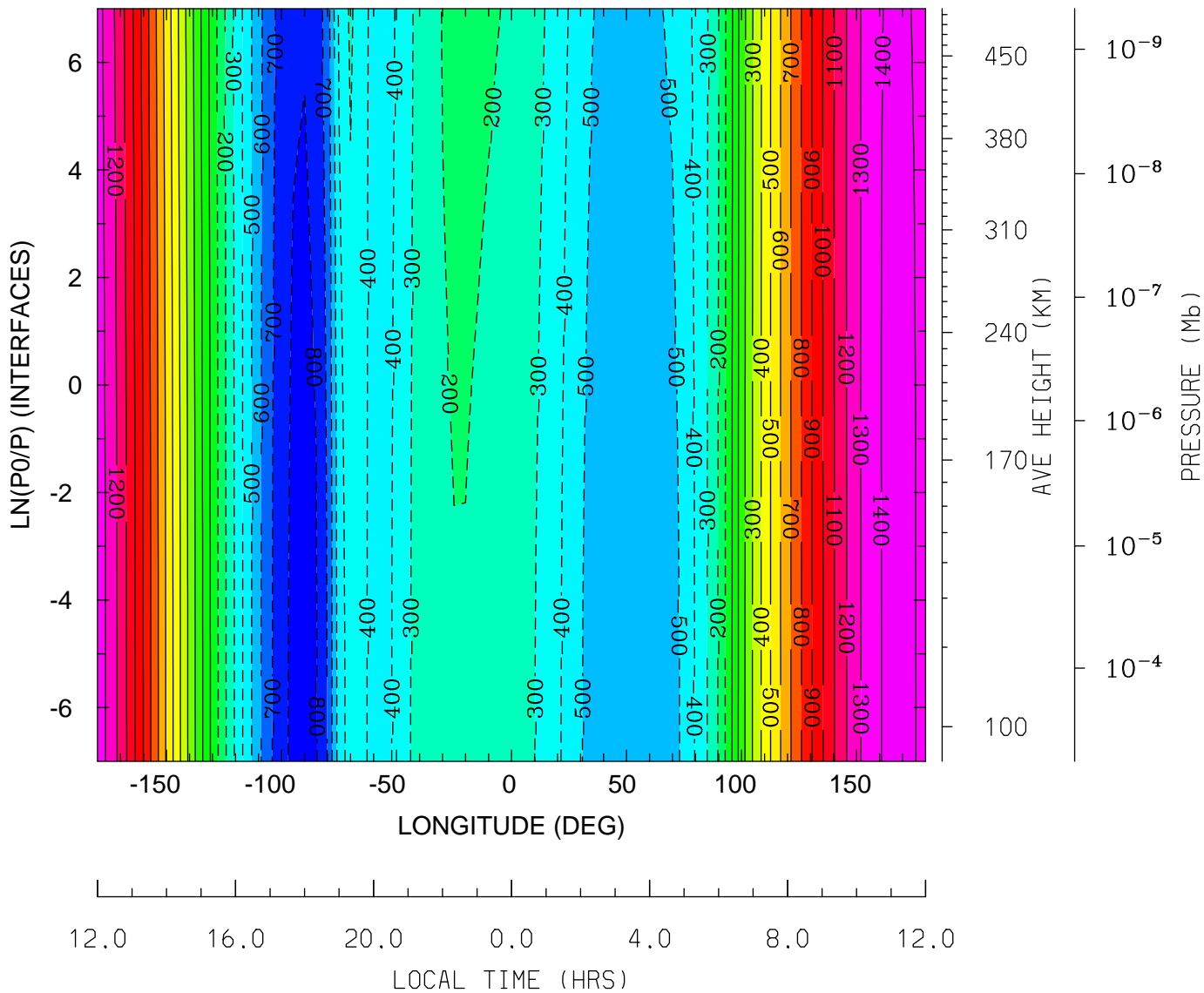
WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 UT= 0.00 LAT= -2.50 (DEG)



MIN,MAX= -1.3655E+03 2.0281E+03 INTERVAL= 2.5000E+02  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

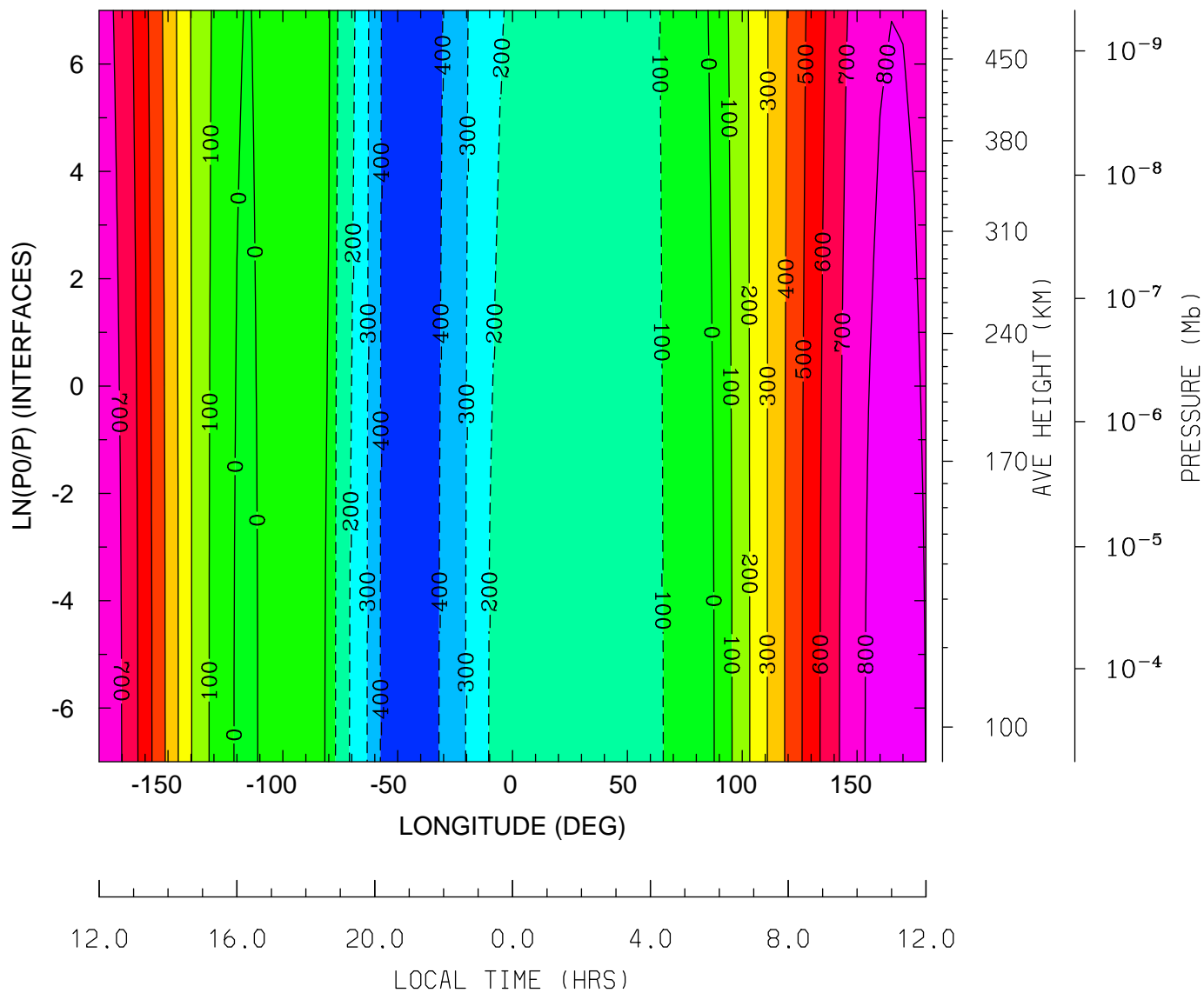


WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 UT= 0.00 LAT= 37.50 (DEG)



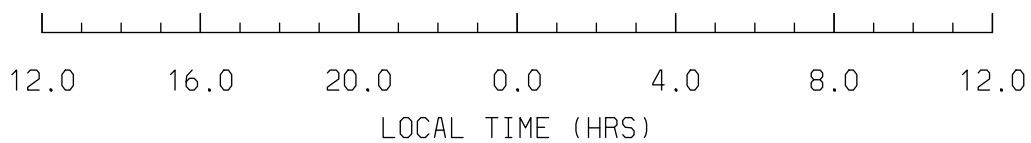
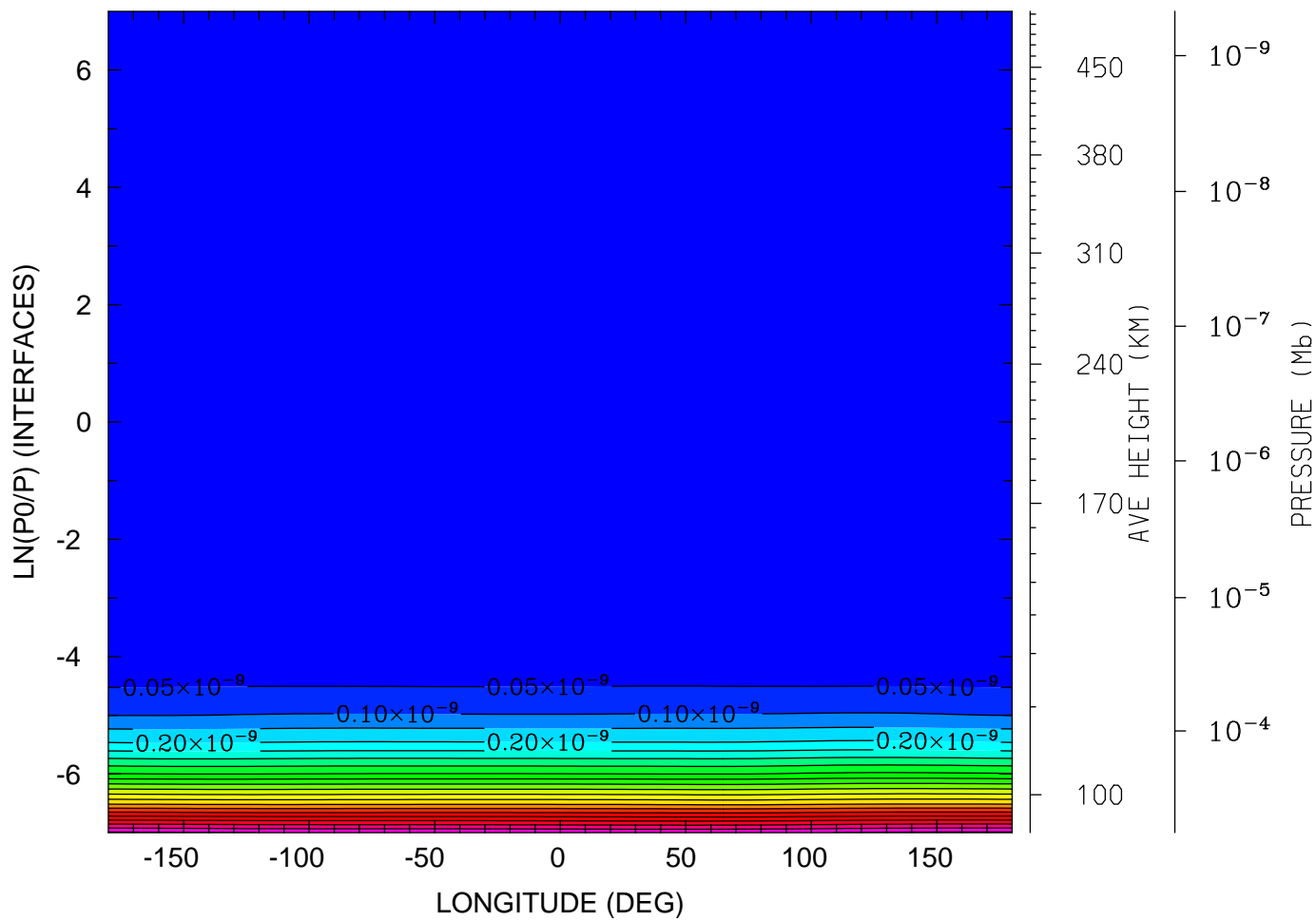
MIN,MAX= -8.3682E+02 1.4308E+03 INTERVAL= 1.0000E+02  
 tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
 tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



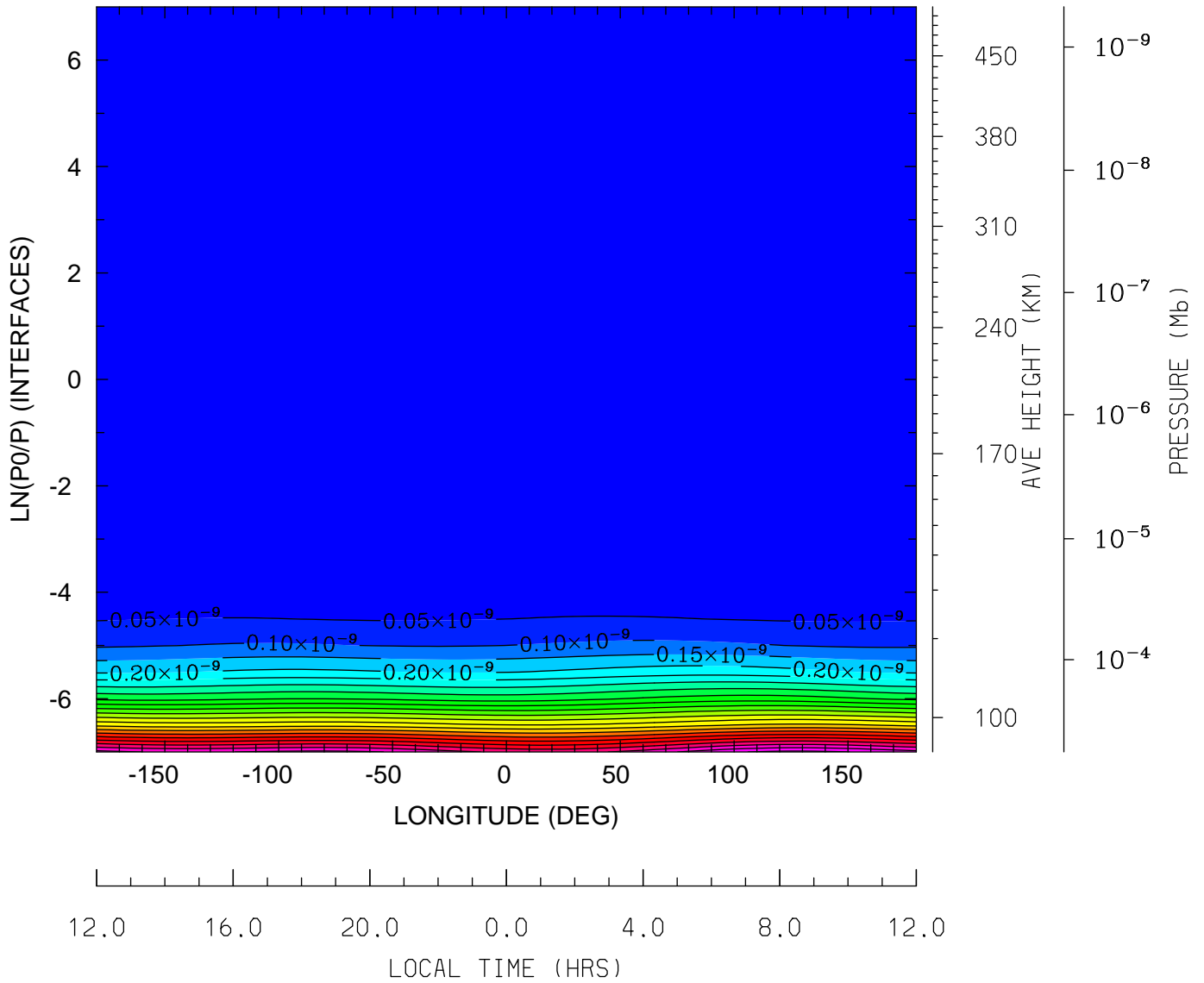
MIN,MAX= -4.8270E+02 8.4643E+02 INTERVAL= 1.0000E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



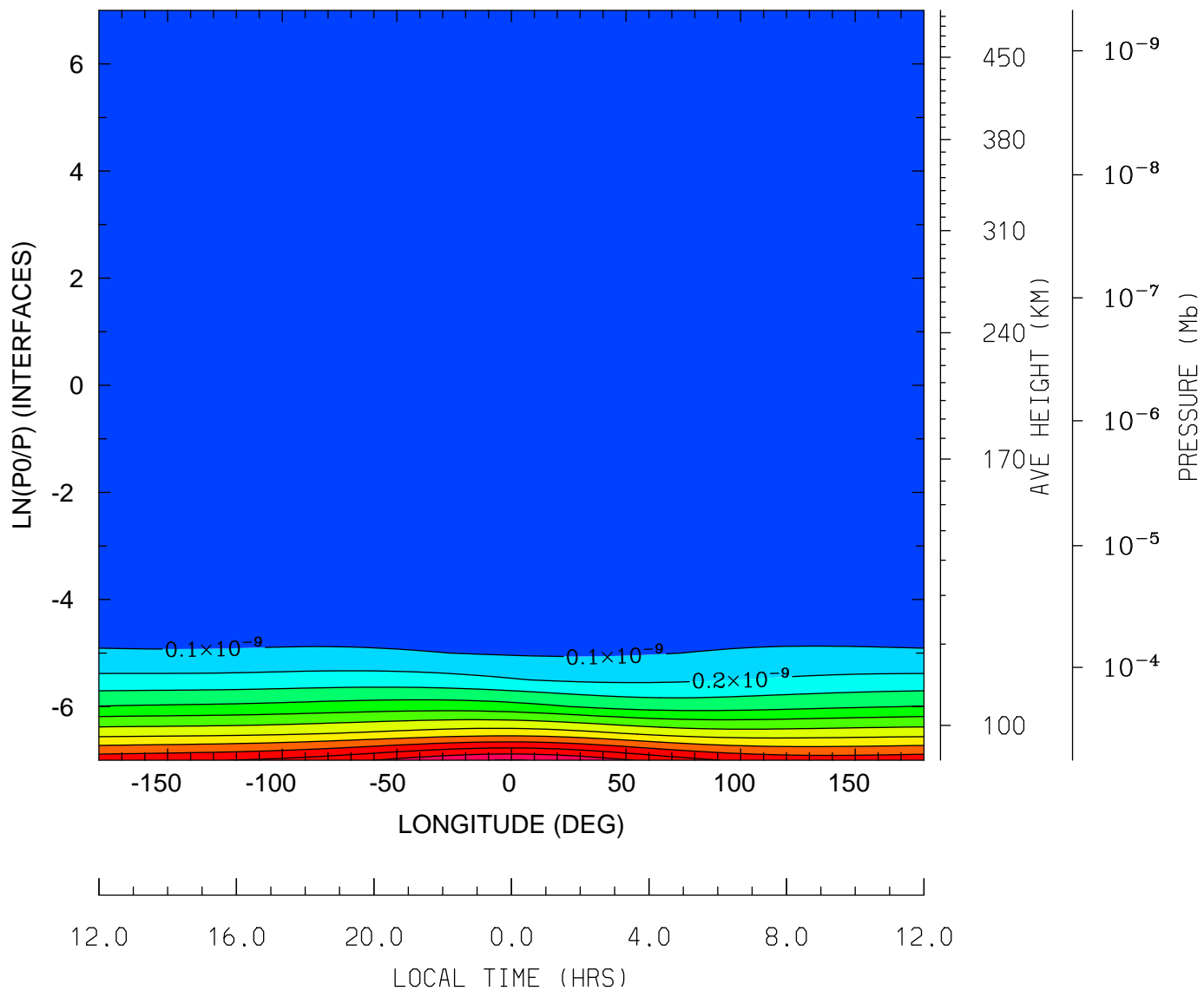
MIN,MAX= 1.2657E-16 1.0577E-09 INTERVAL= 5.0000E-11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



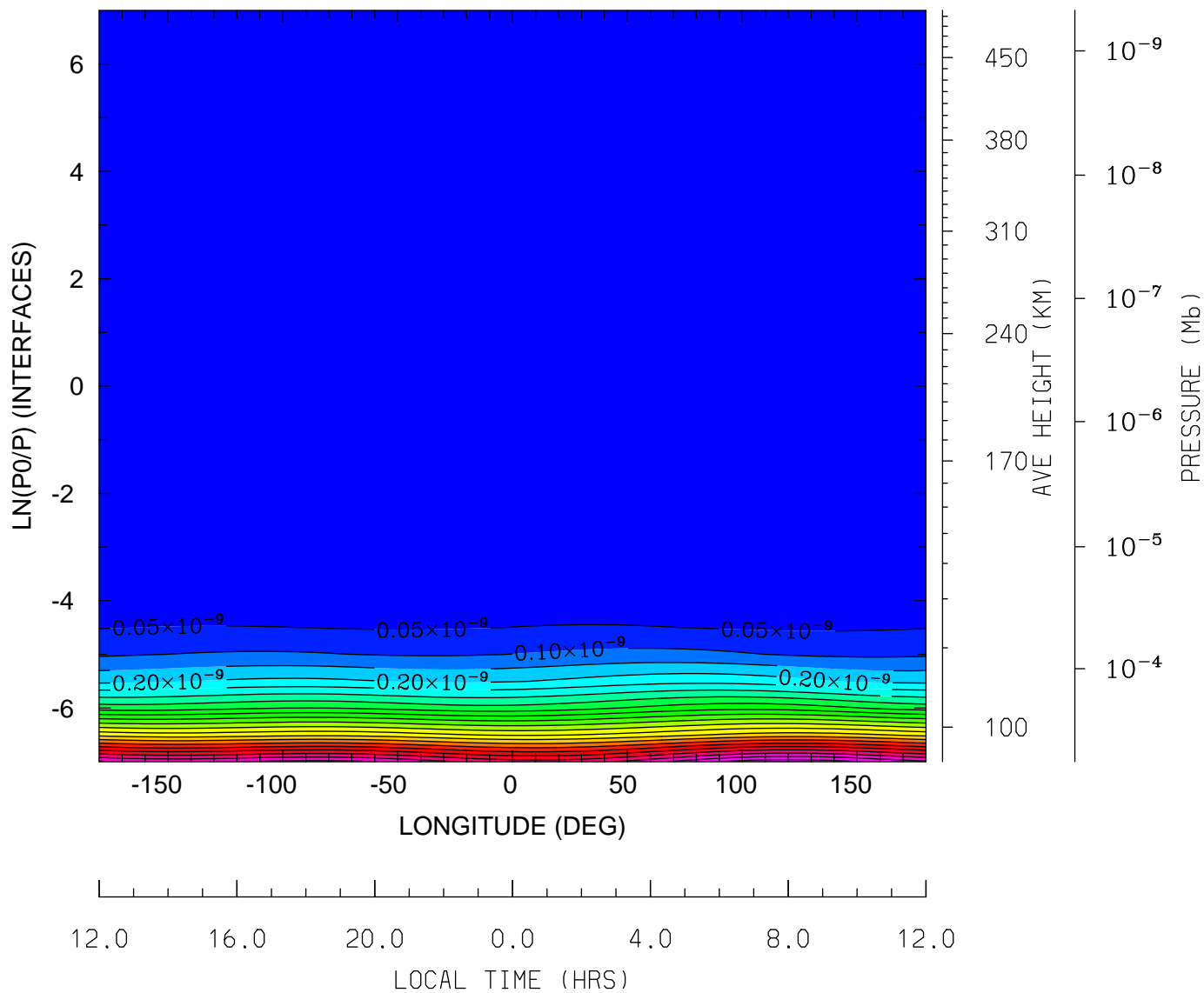
MIN,MAX= 1.2736E-16 1.1121E-09 INTERVAL= 5.0000E-11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 LAT= -2.50 (DEG)



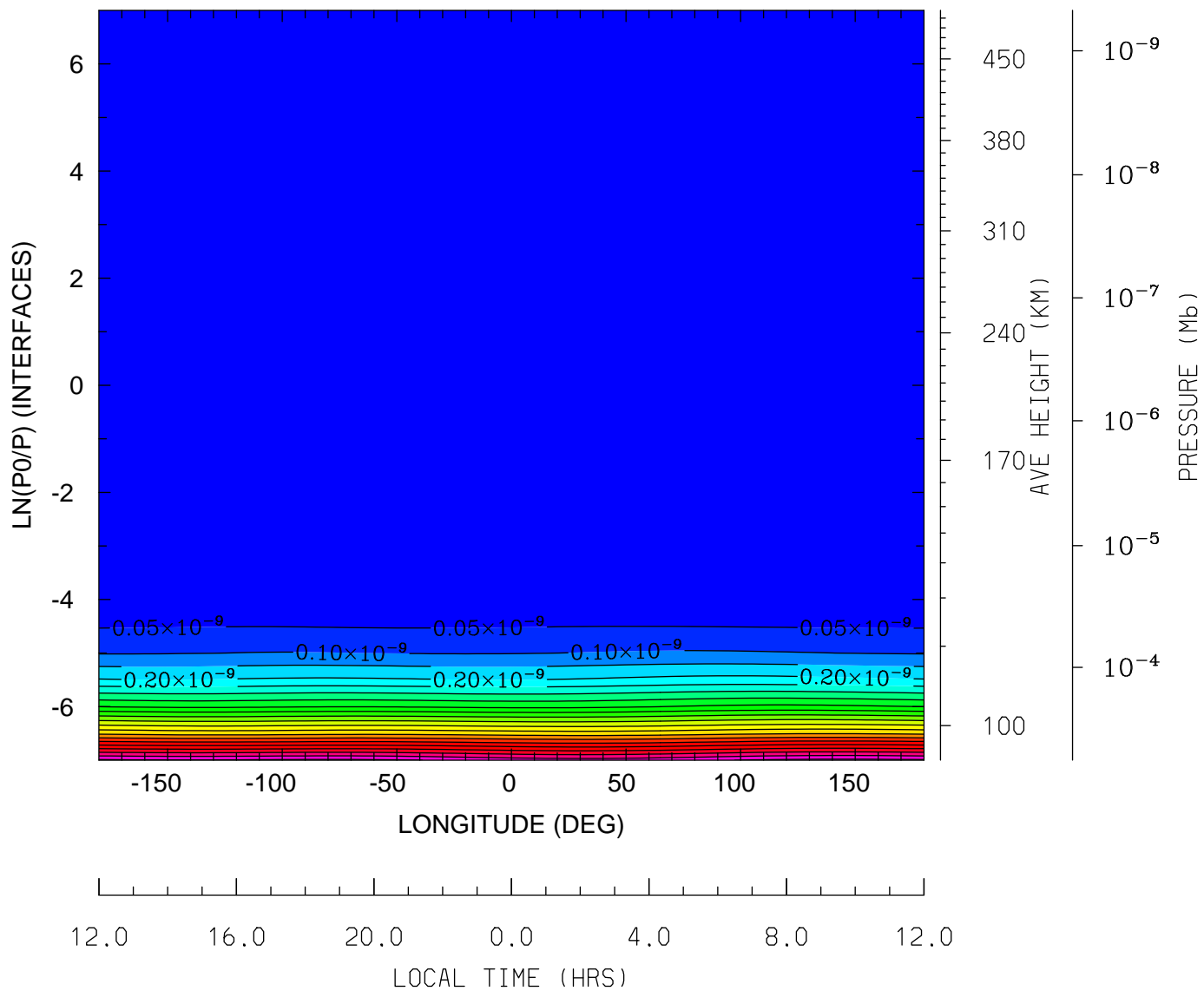
MIN,MAX= 1.3792E-16 1.2020E-09 INTERVAL= 1.0000E-10  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm<sup>3</sup>)  
UT= 0.00 LAT= 37.50 (DEG)



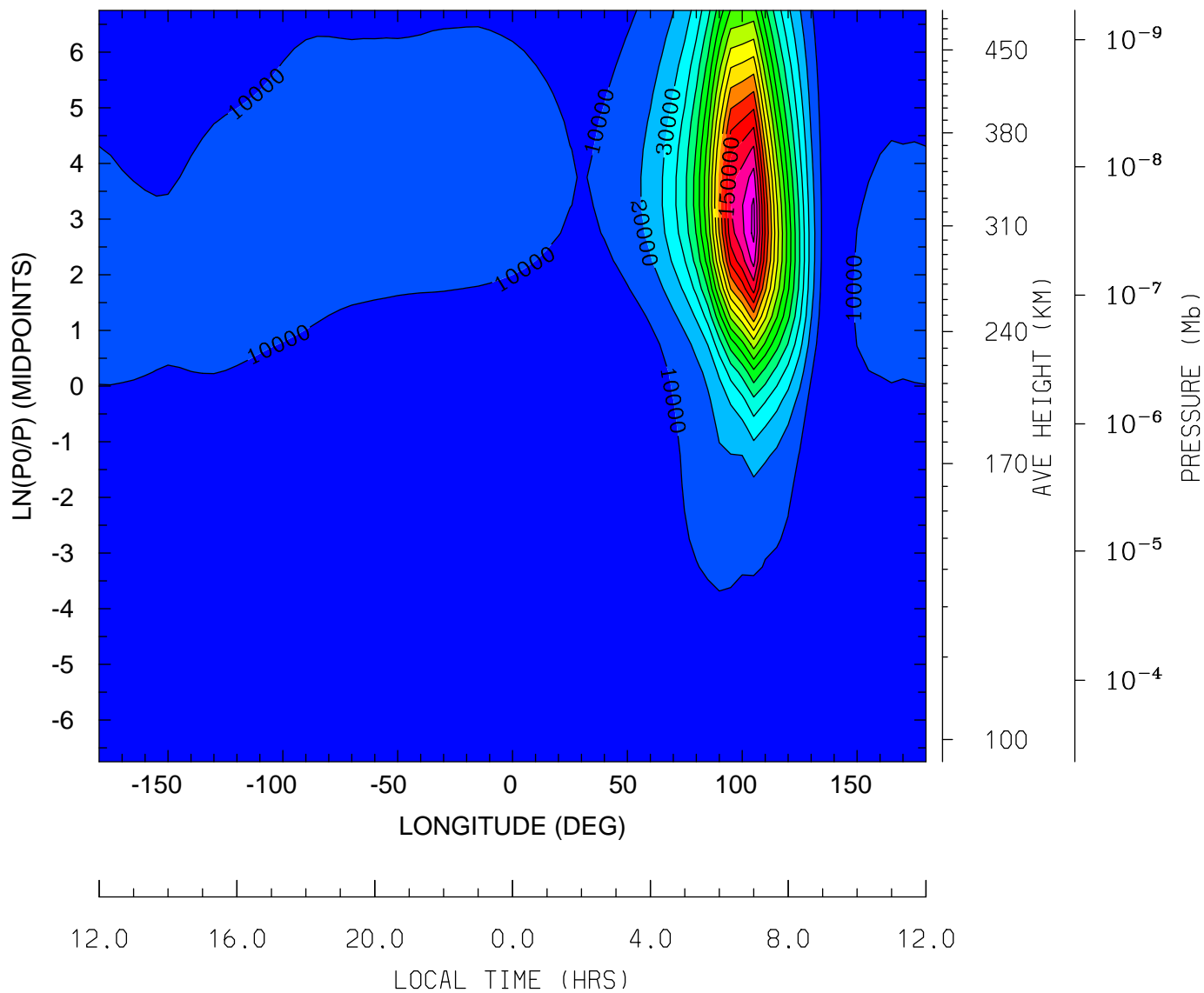
MIN,MAX= 1.3232E-16 1.1308E-09 INTERVAL= 5.0000E-11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 1.3367E-16 1.0643E-09 INTERVAL= 5.0000E-11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

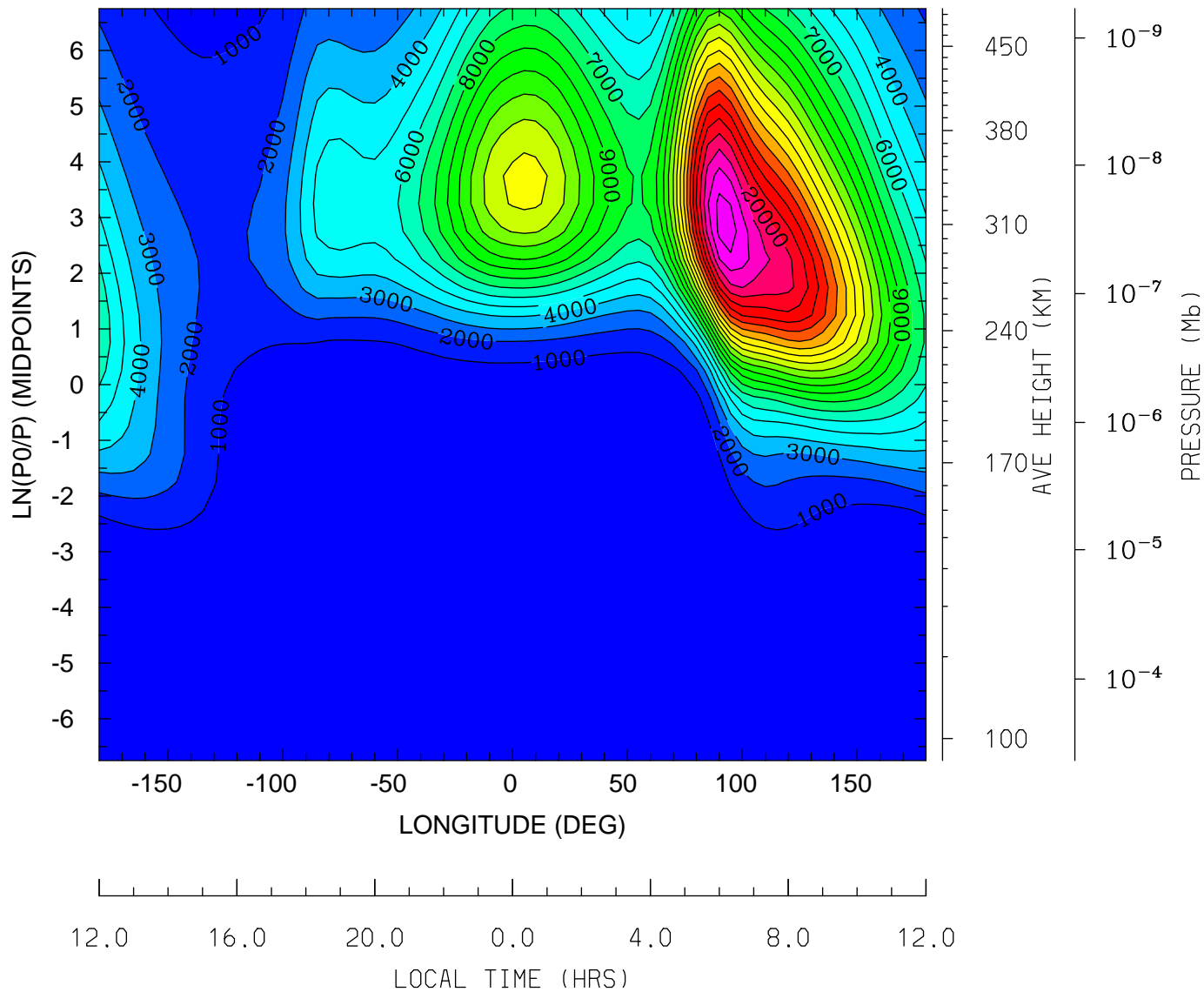
QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= -62.50 (DEG)



MIN,MAX= 2.9727E-04 1.8286E+05 INTERVAL= 1.0000E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

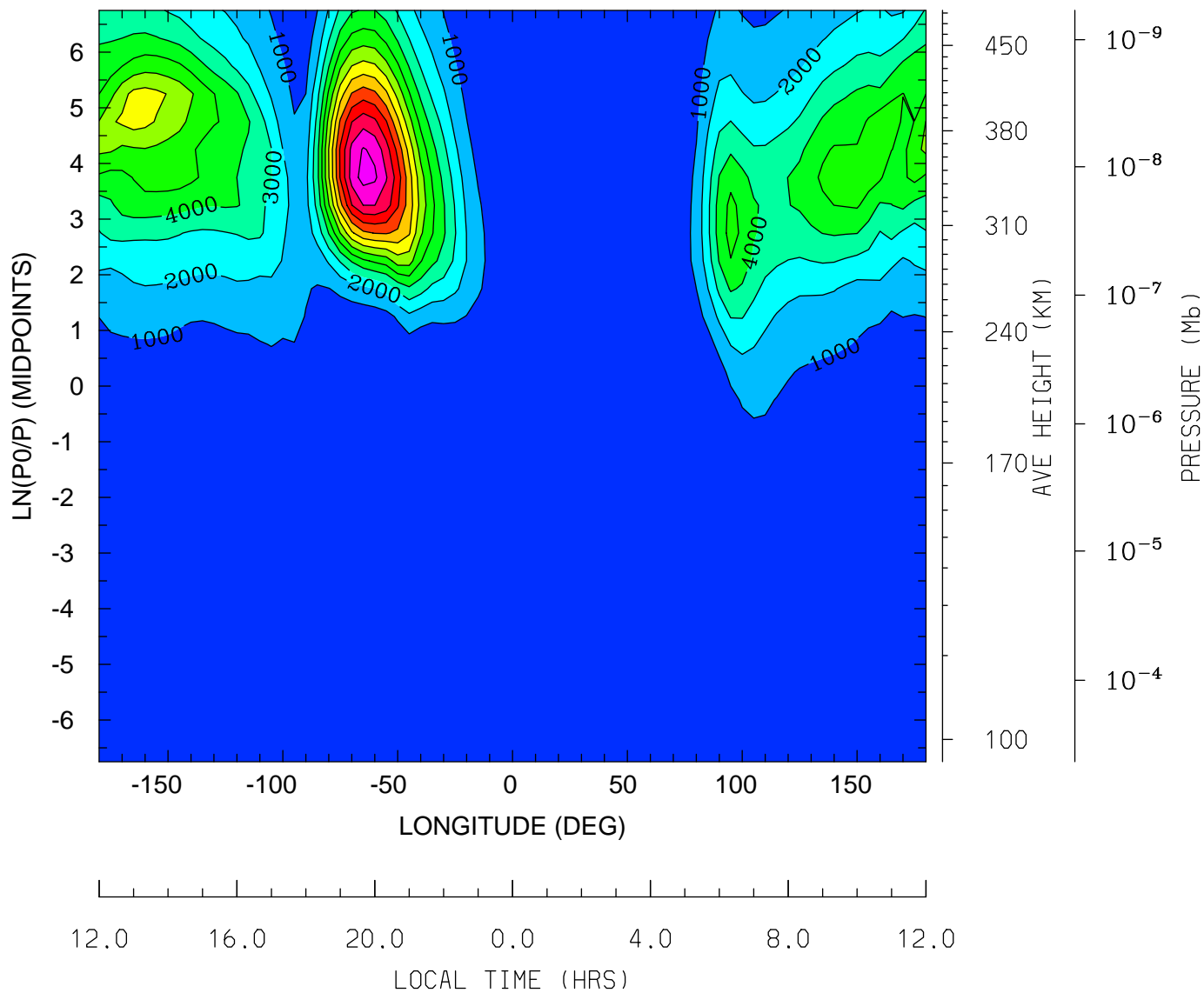


QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= -42.50 (DEG)



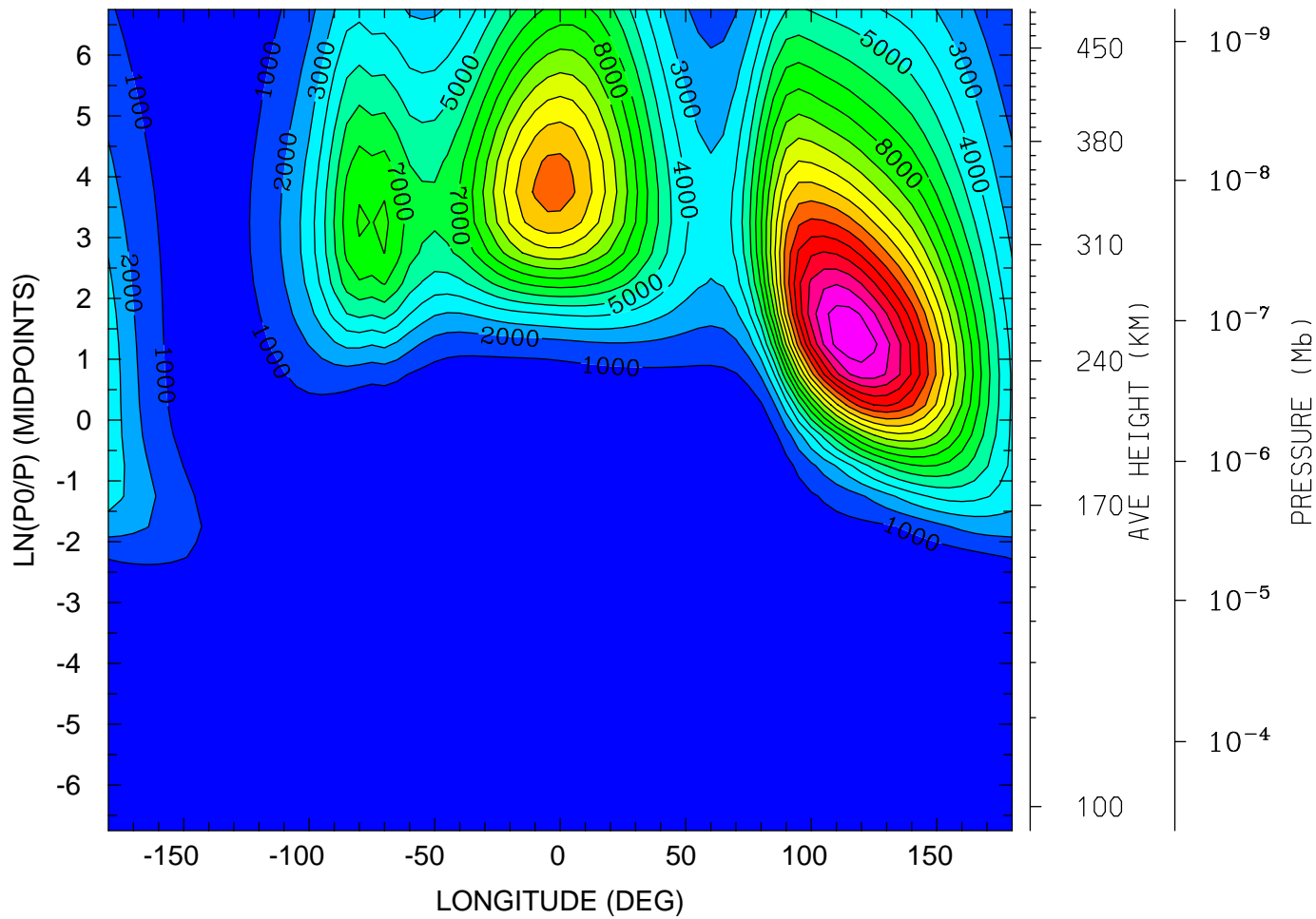
MIN,MAX= 5.8400E-04 2.3464E+04 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 2.9879E-05 1.3416E+04 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

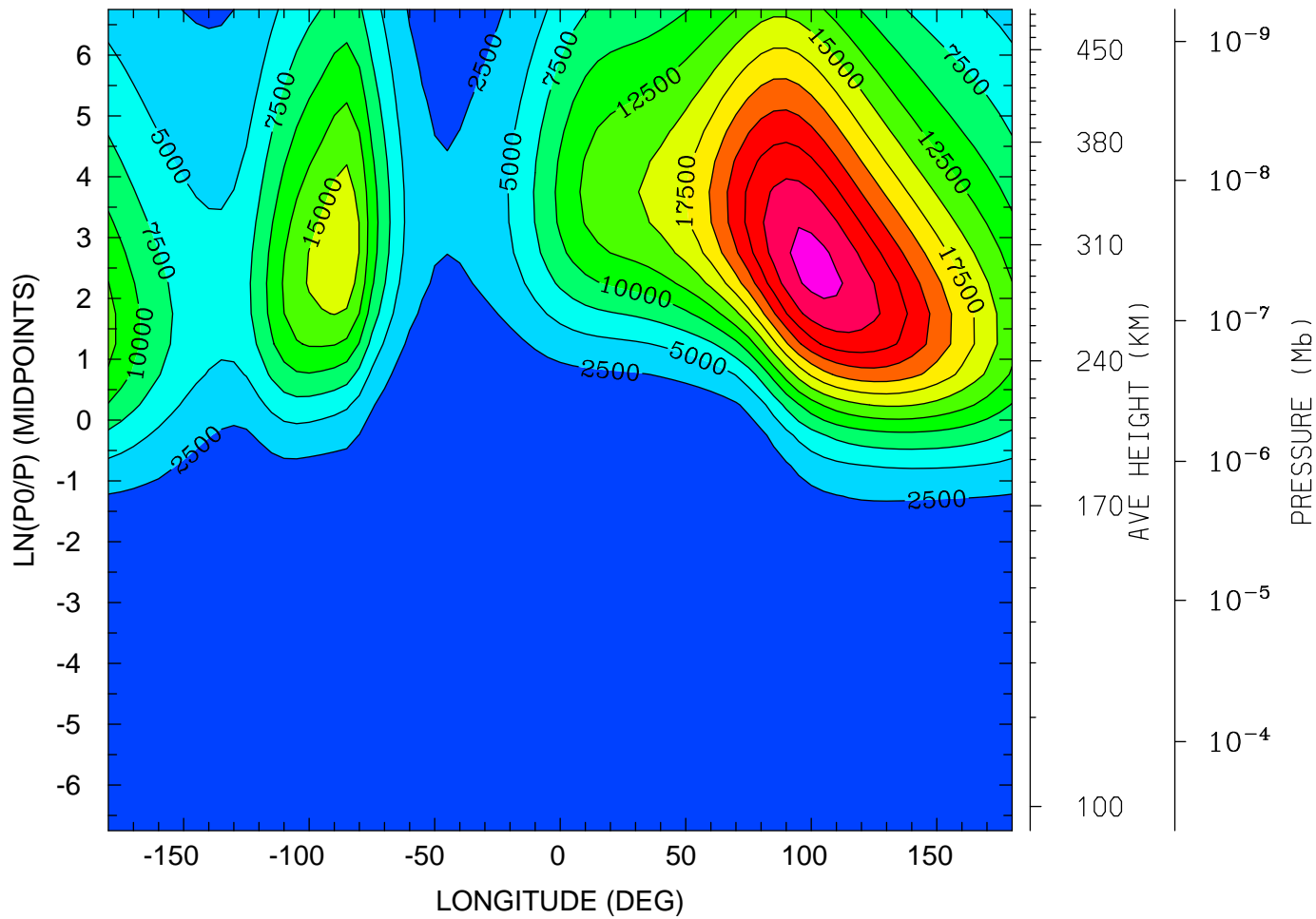
QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= 37.50 (DEG)



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

MIN,MAX= 4.5623E-03 1.9862E+04 INTERVAL= 1.0000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

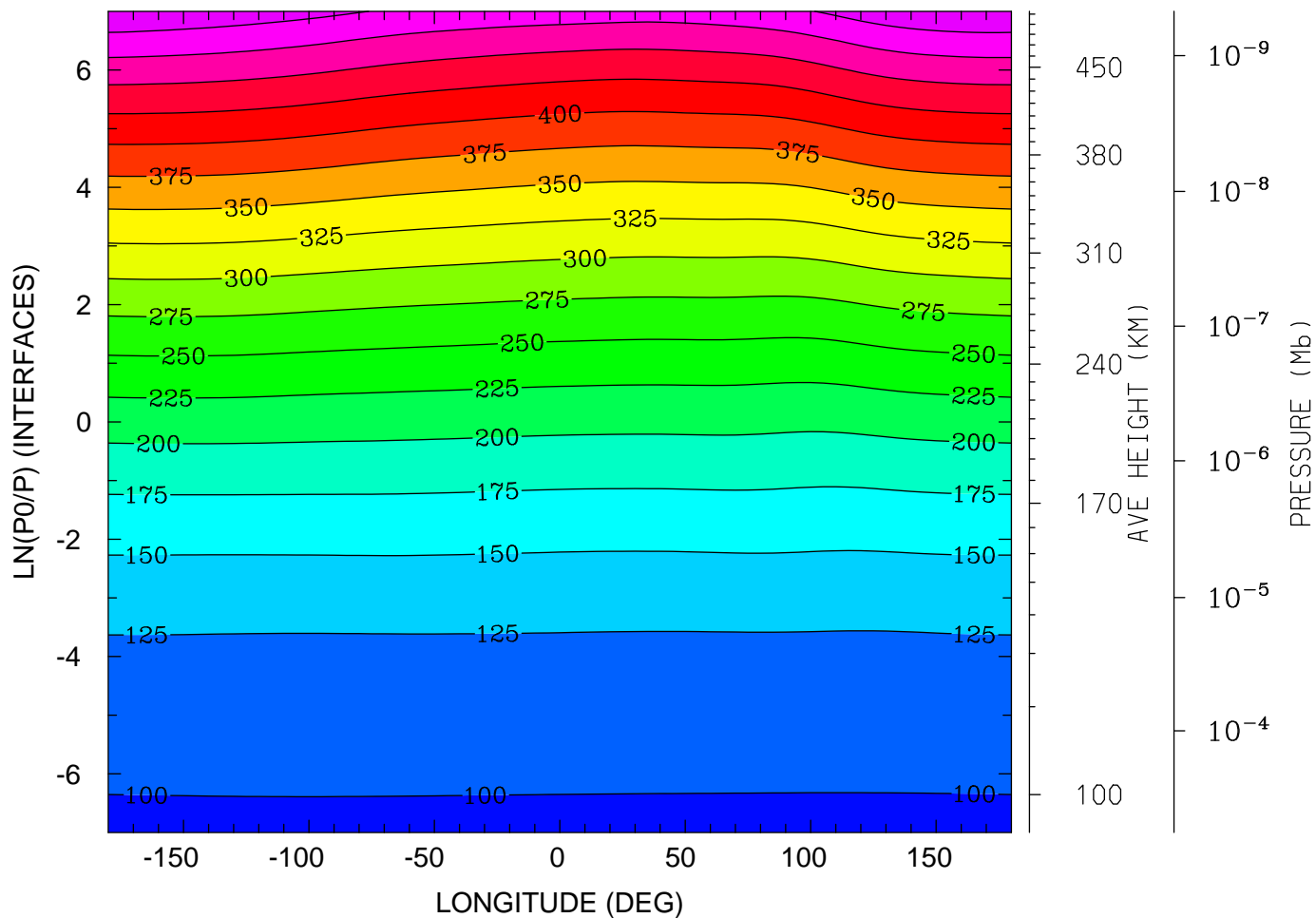
QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= 57.50 (DEG)



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

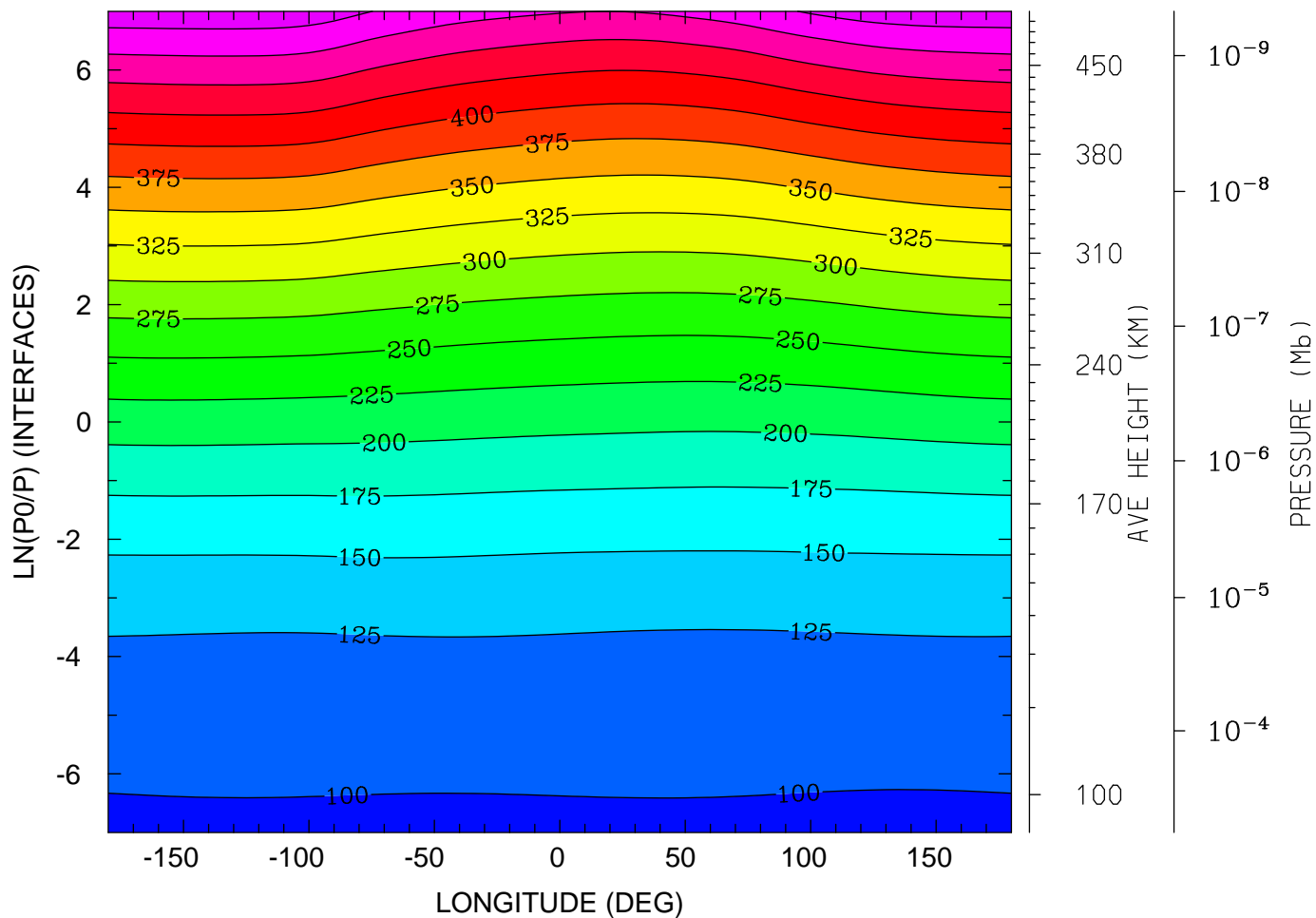
MIN,MAX= 5.8734E-03 3.0760E+04 INTERVAL= 2.5000E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 9.6193E+01 5.2299E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

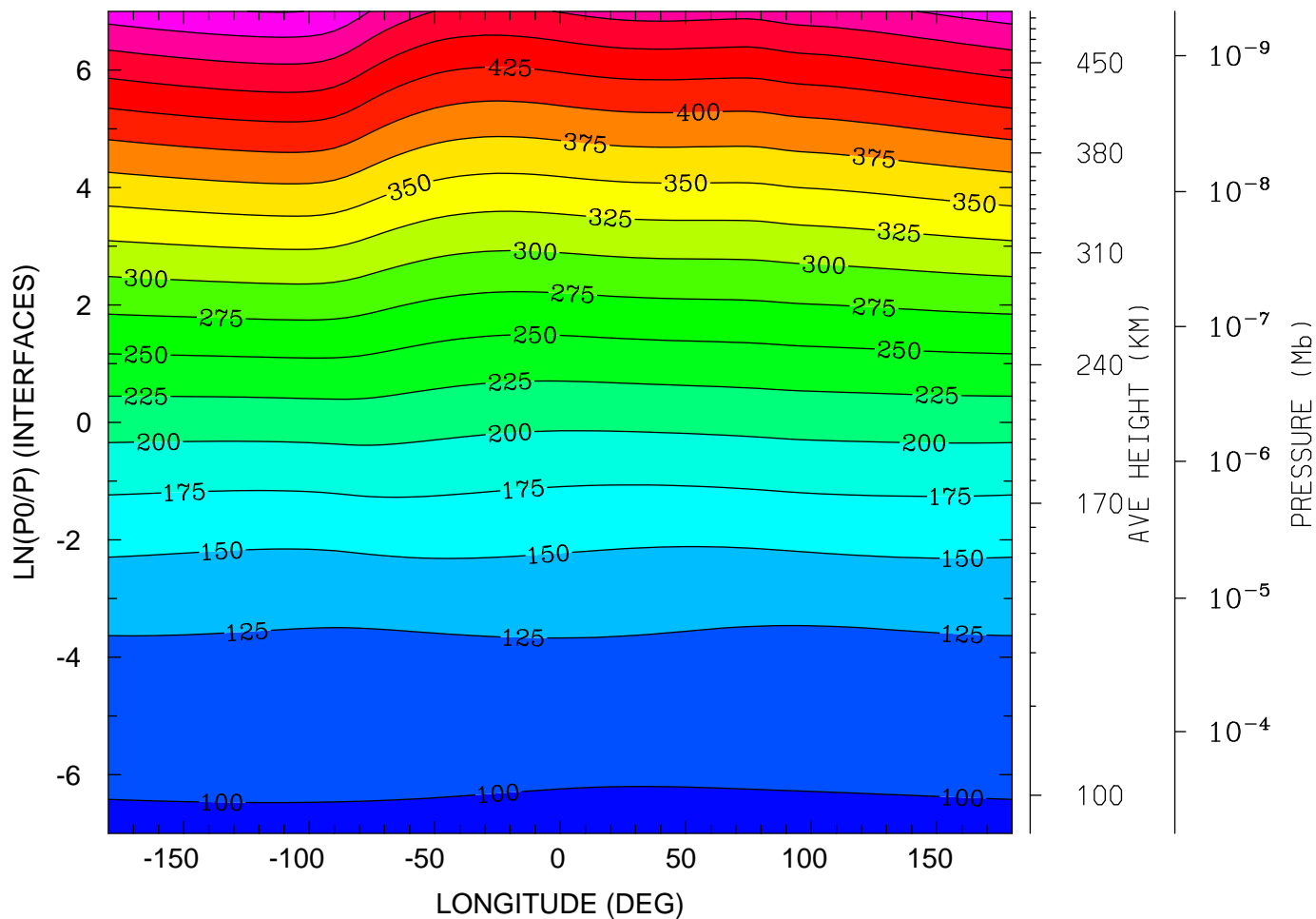
GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -42.50 (DEG)



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

MIN,MAX= 9.6058E+01 5.1683E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

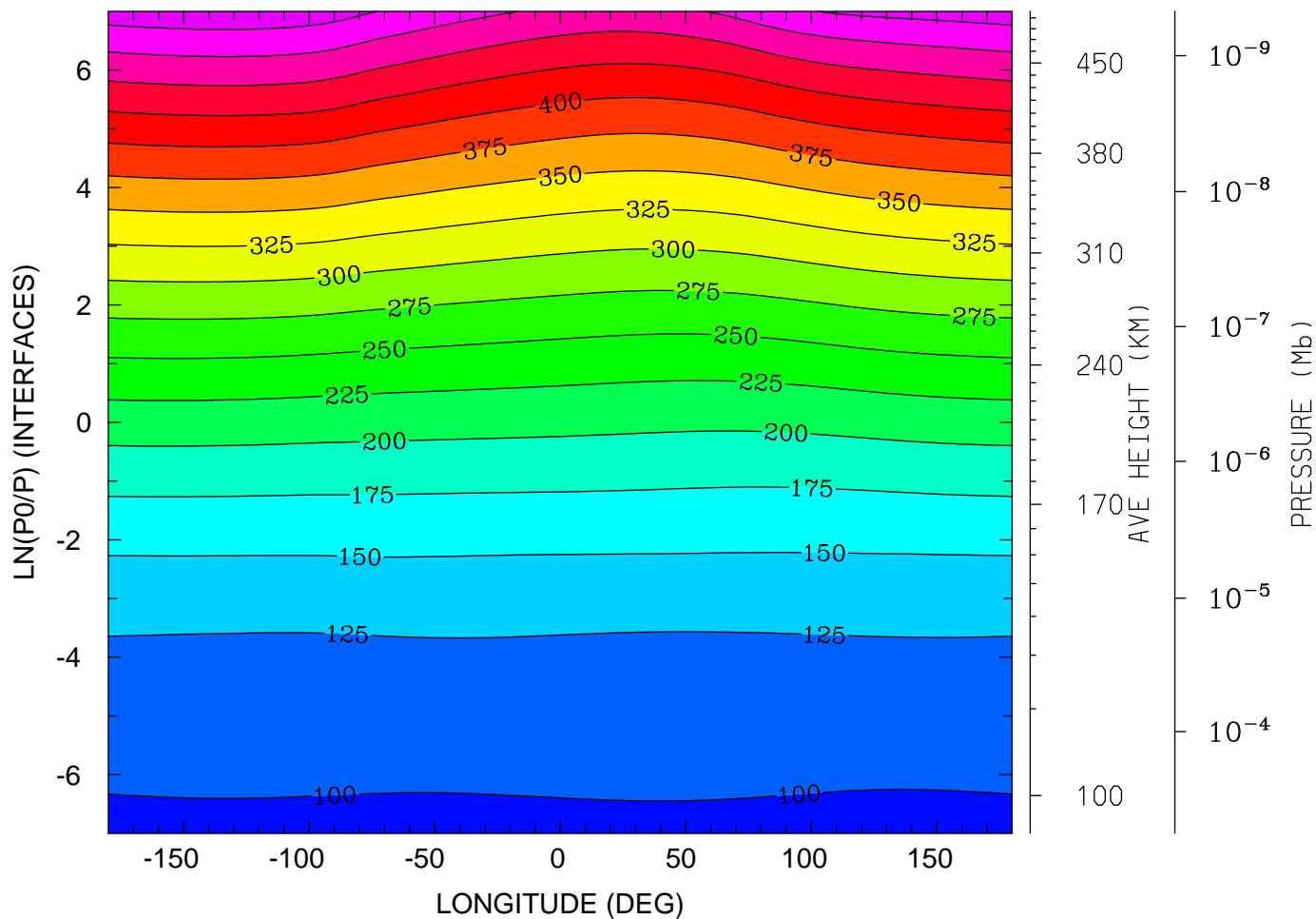
GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -2.50 (DEG)



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

MIN,MAX= 9.5680E+01 5.2587E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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

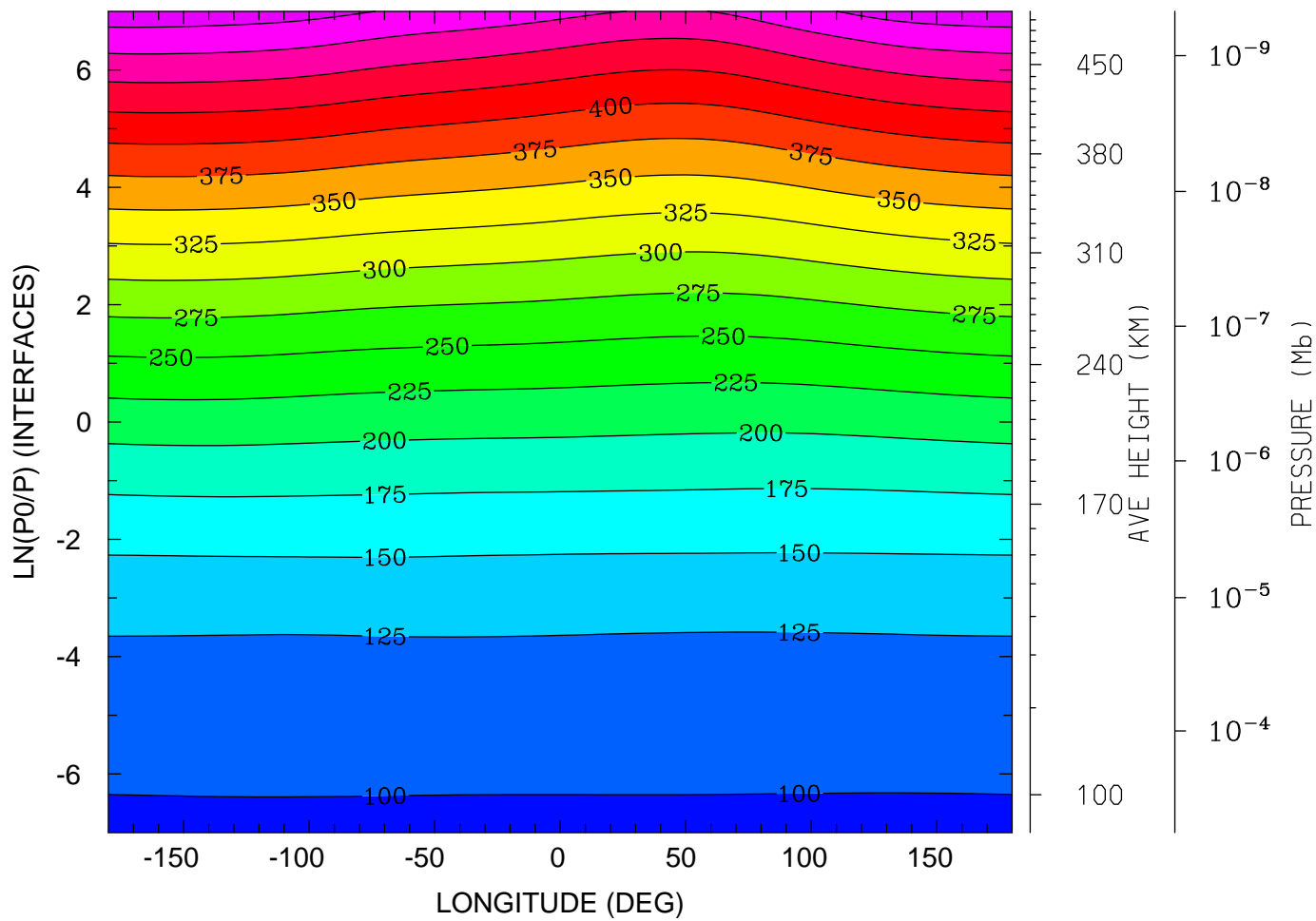


12.0 16.0 20.0 0.0 4.0 8.0 12.0  
LOCAL TIME (HRS)

MIN,MAX= 9.6013E+01 5.1724E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc



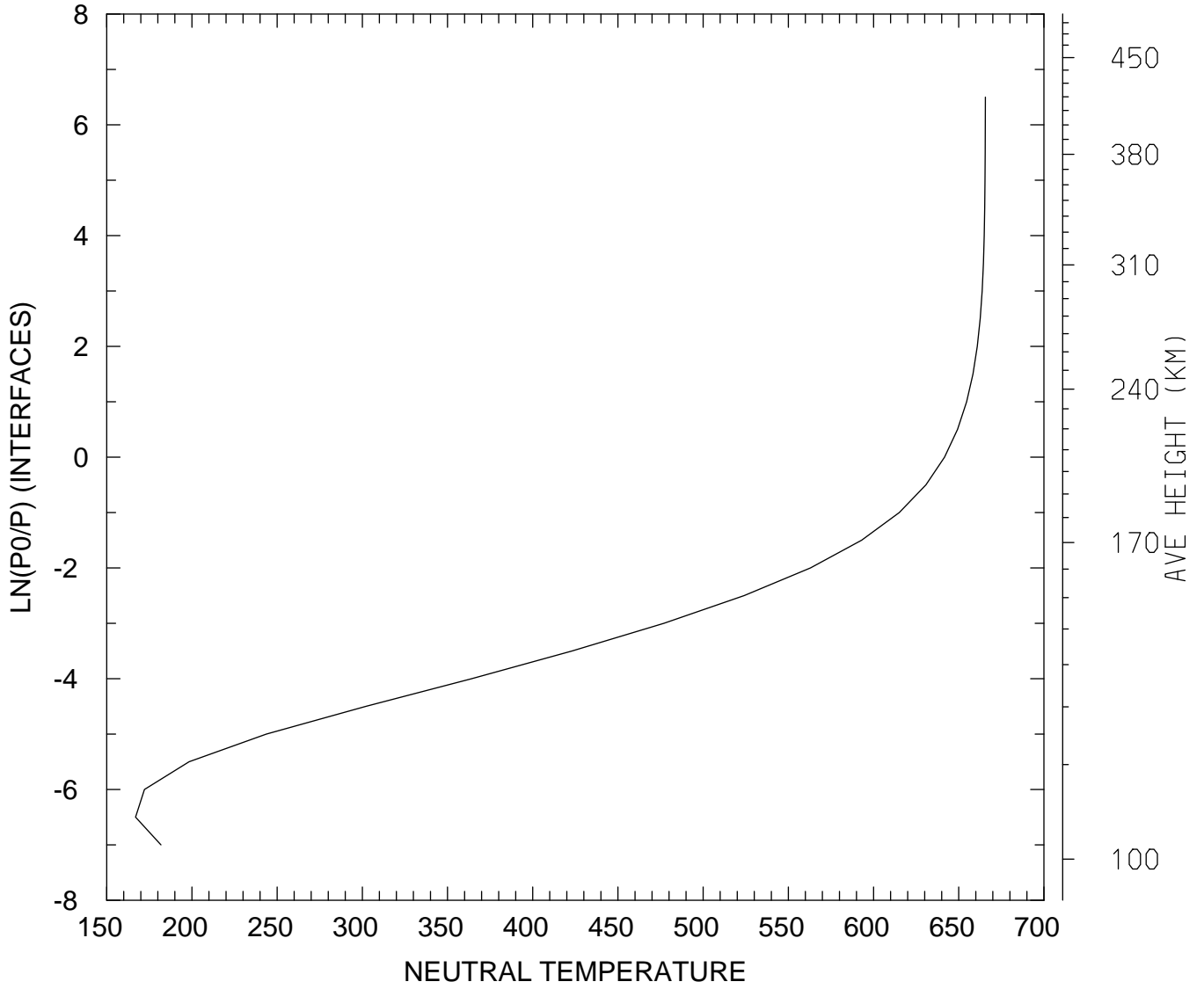
GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 57.50 (DEG)



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

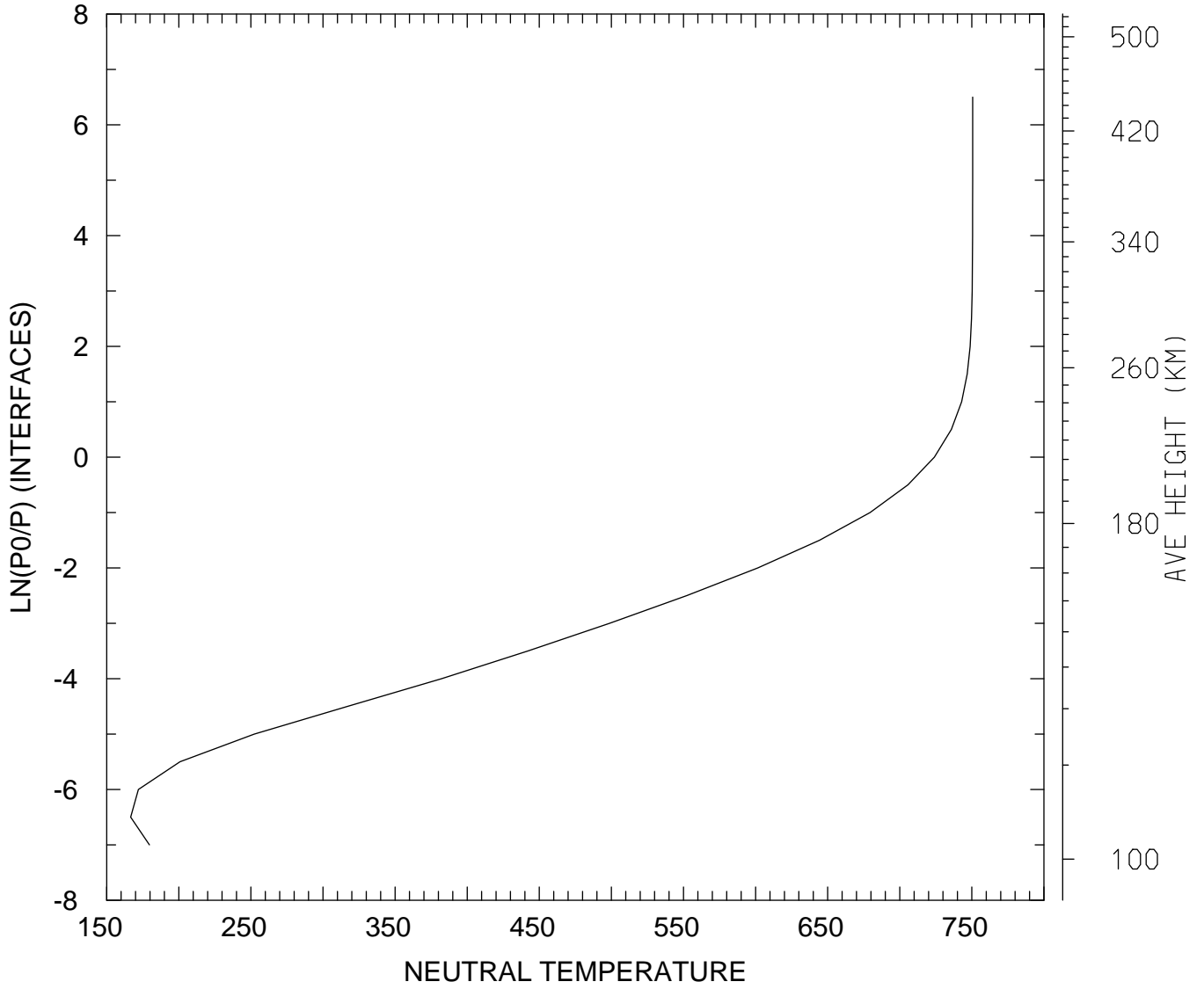
MIN,MAX= 9.6238E+01 5.1565E+02 INTERVAL= 2.5000E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



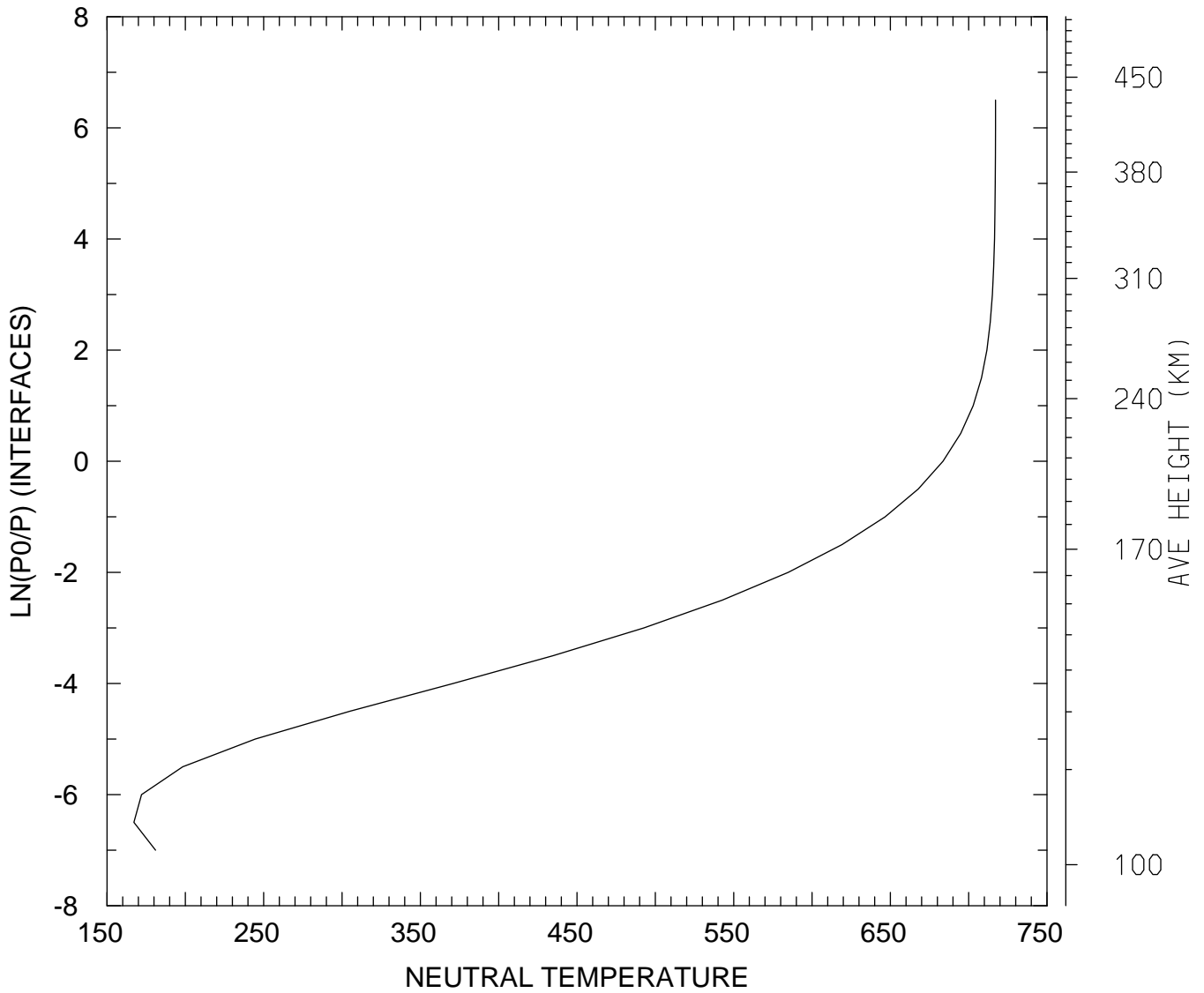
MIN,MAX= 1.6692E+02 6.6562E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



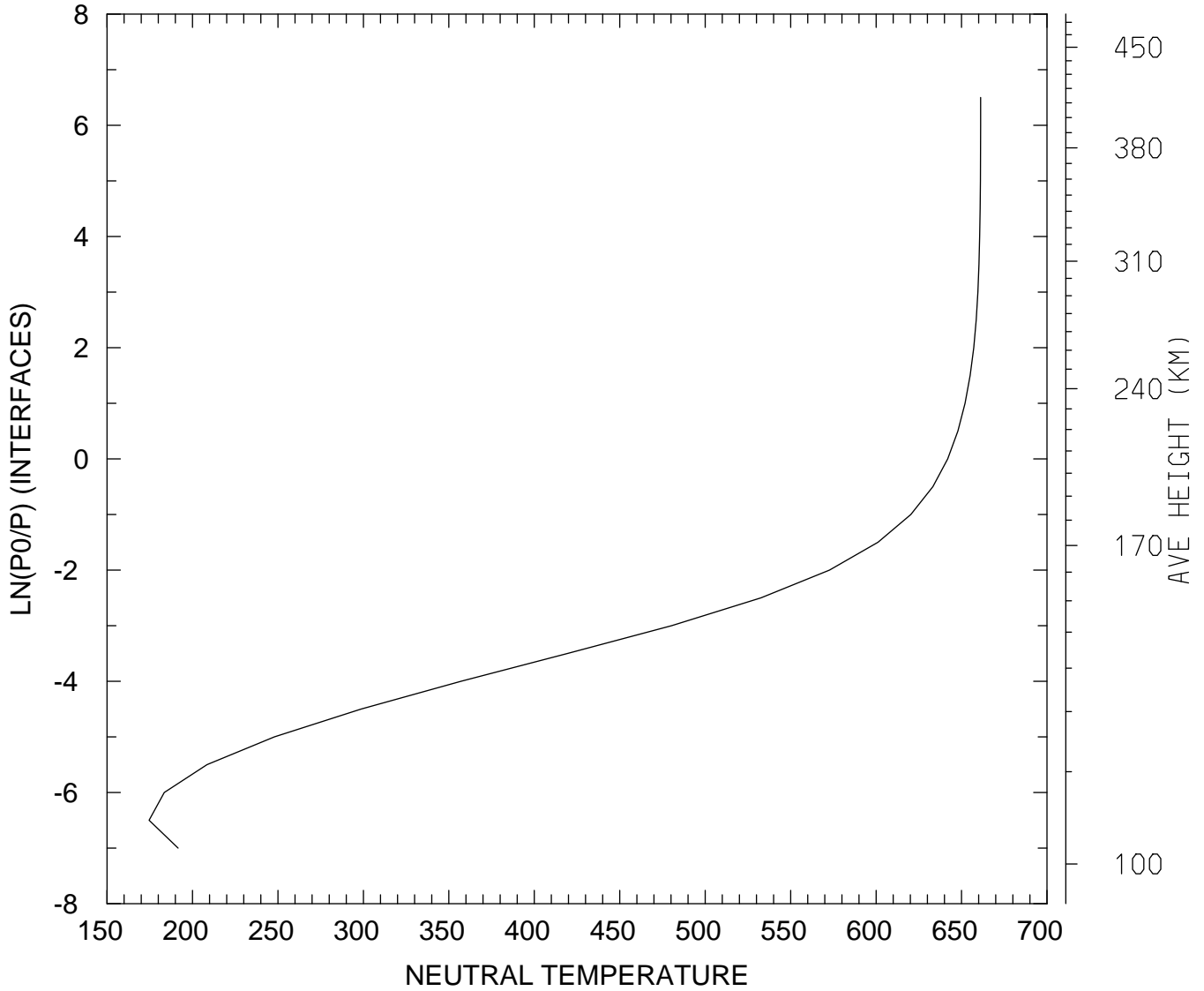
MIN,MAX= 1.6659E+02 7.5057E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



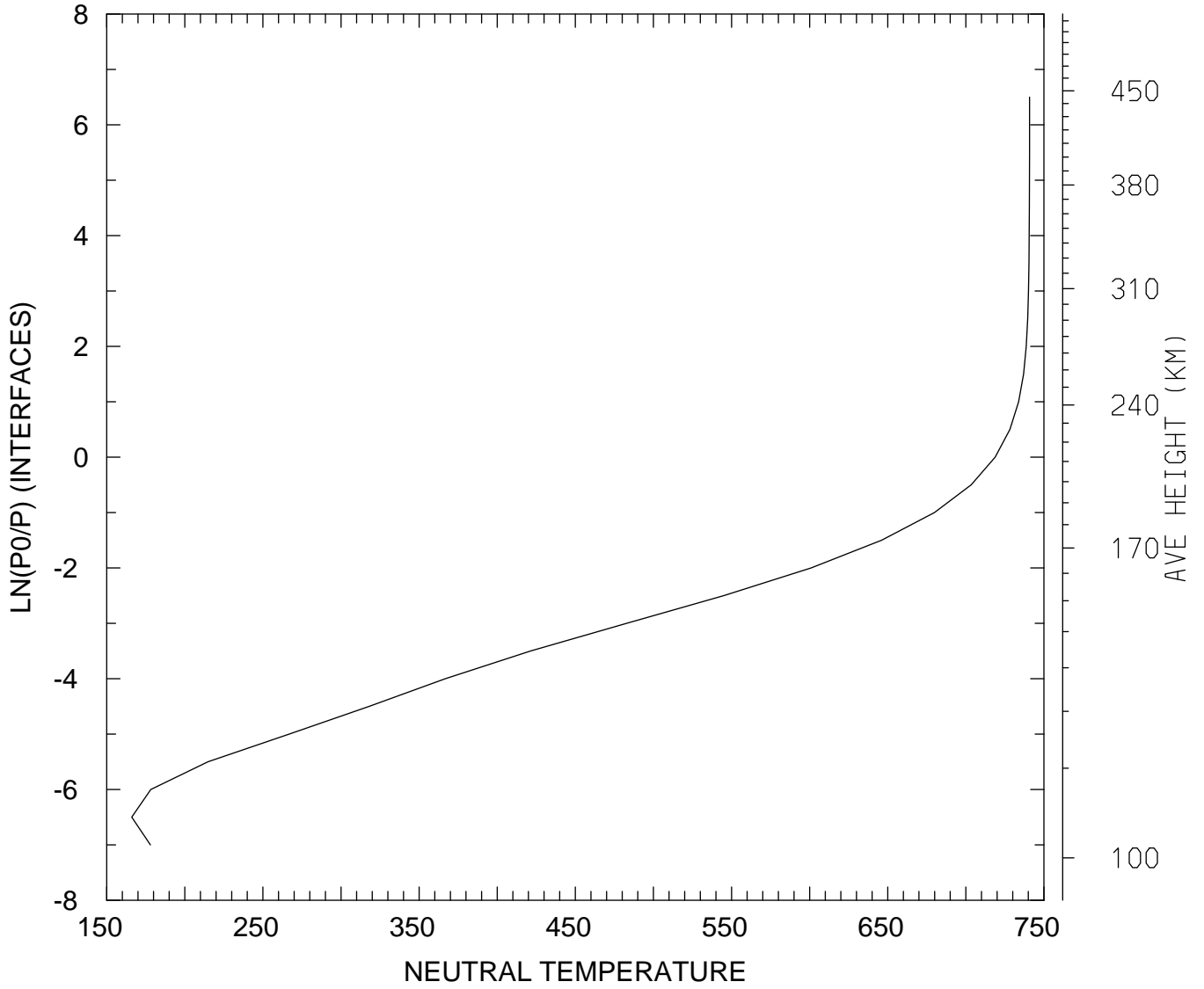
MIN,MAX= 1.6712E+02 7.1714E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



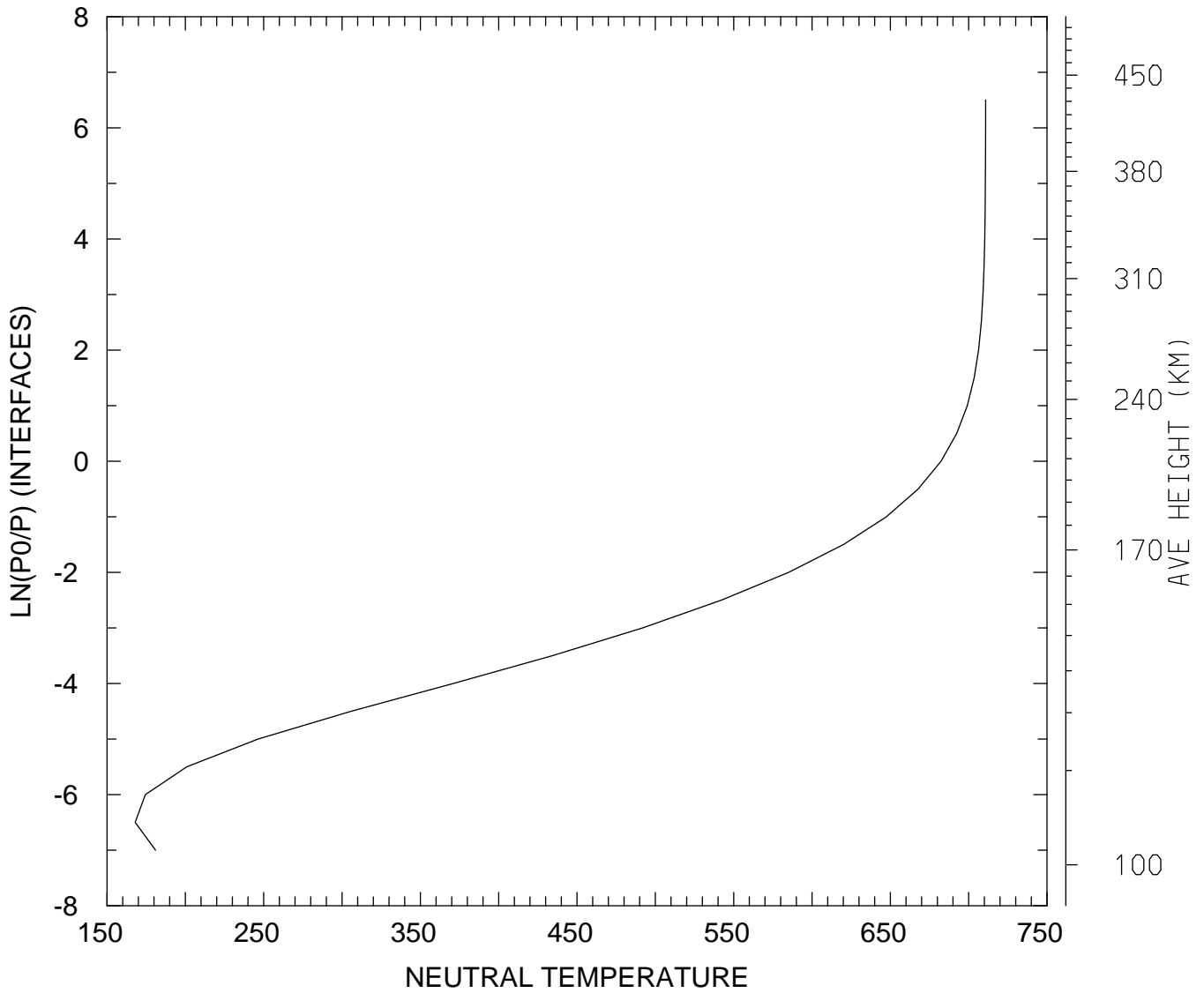
MIN,MAX= 1.7460E+02 6.6118E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



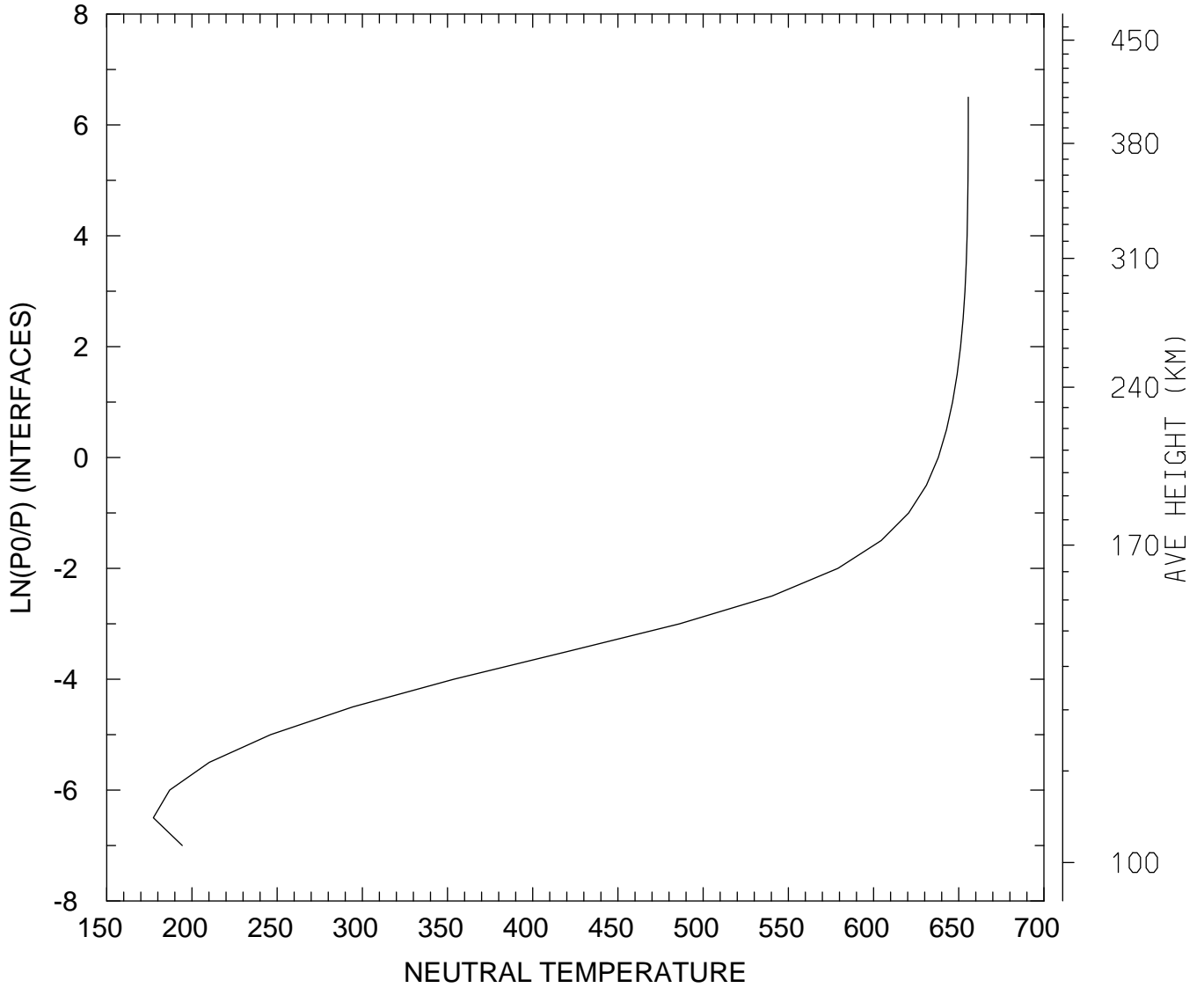
MIN,MAX= 1.6605E+02 7.4082E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 1.6795E+02 7.1081E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

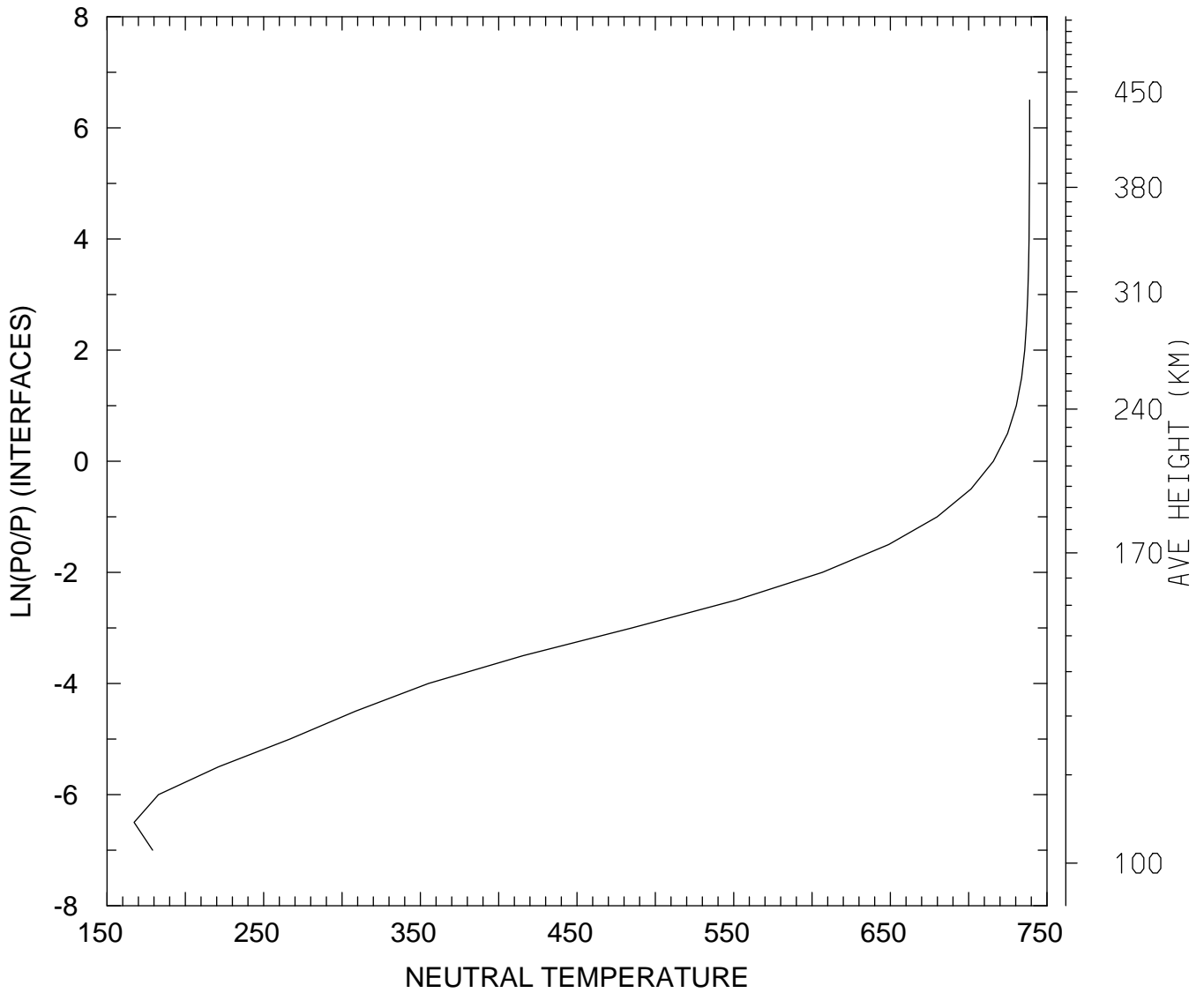
NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



MIN,MAX= 1.7739E+02 6.5561E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

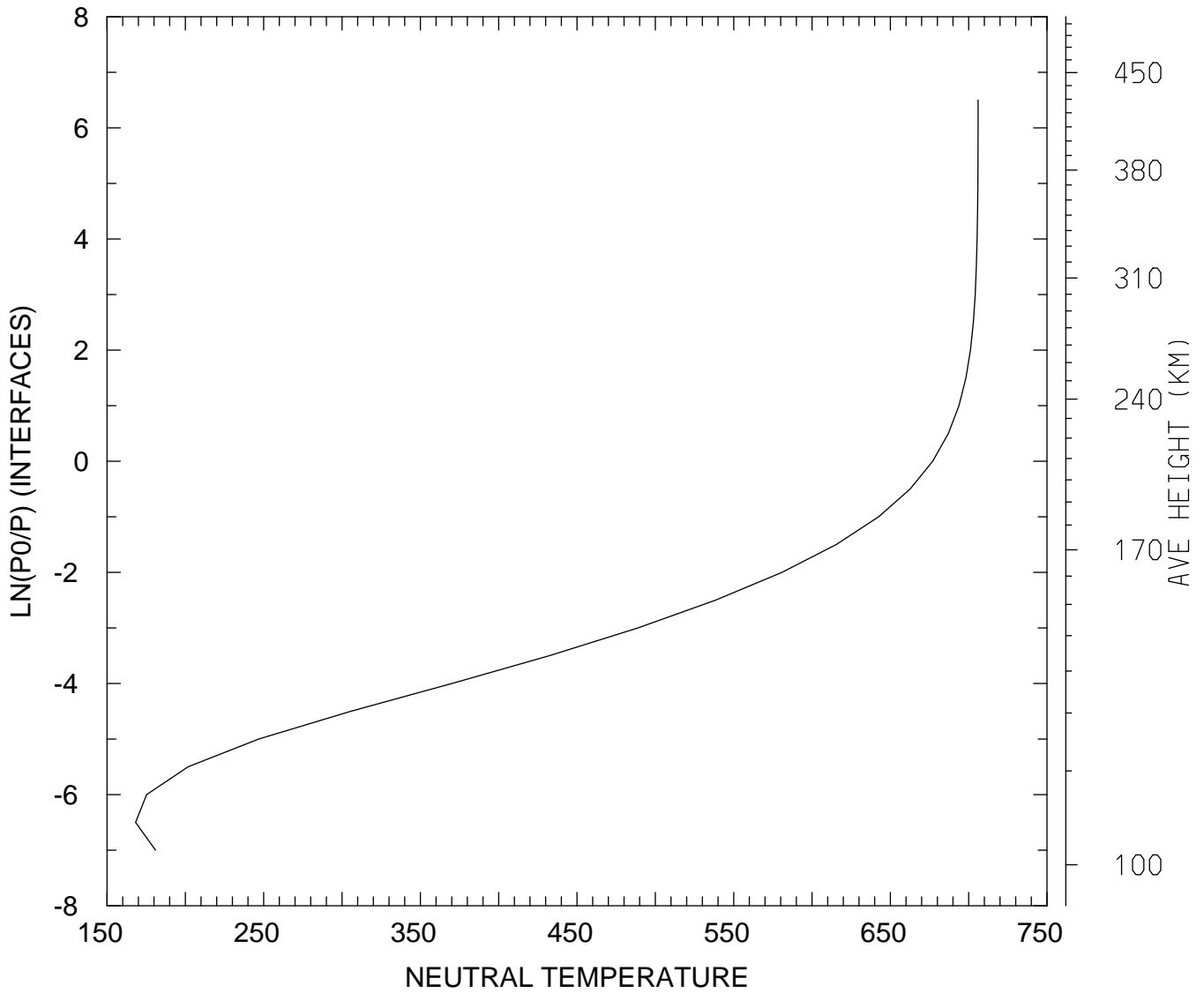


NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



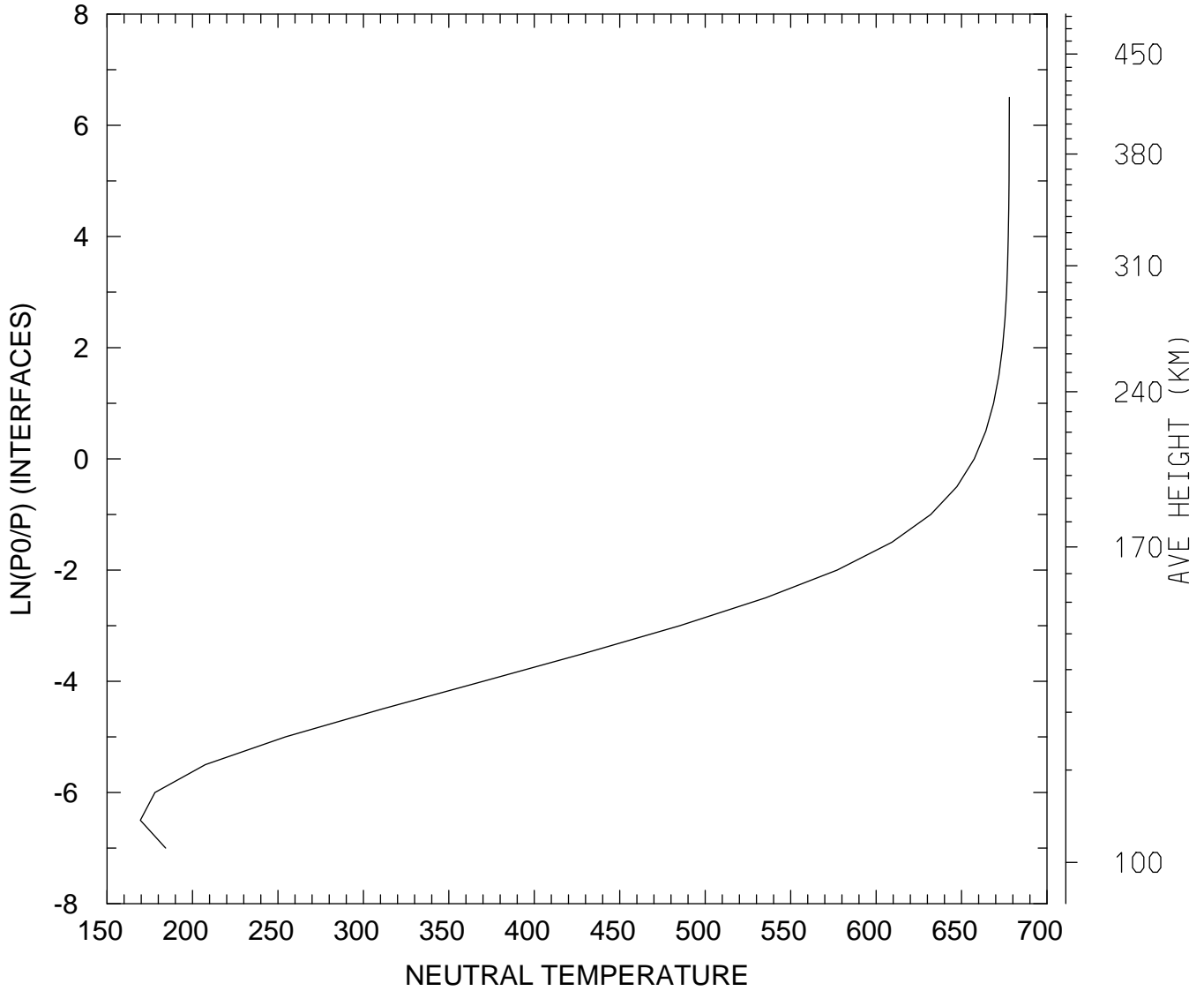
MIN,MAX= 1.6727E+02 7.3893E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



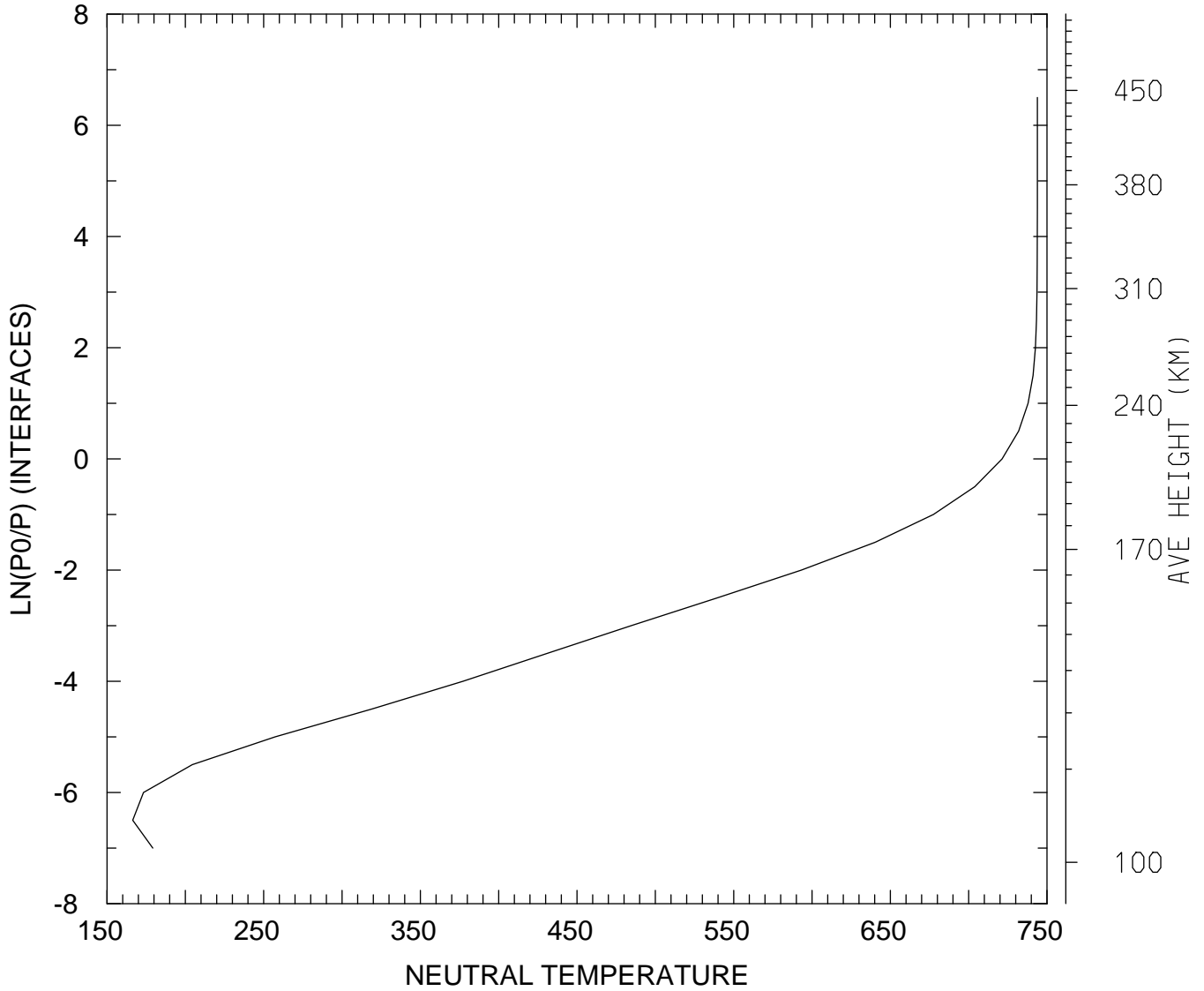
MIN,MAX= 1.6822E+02 7.0601E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



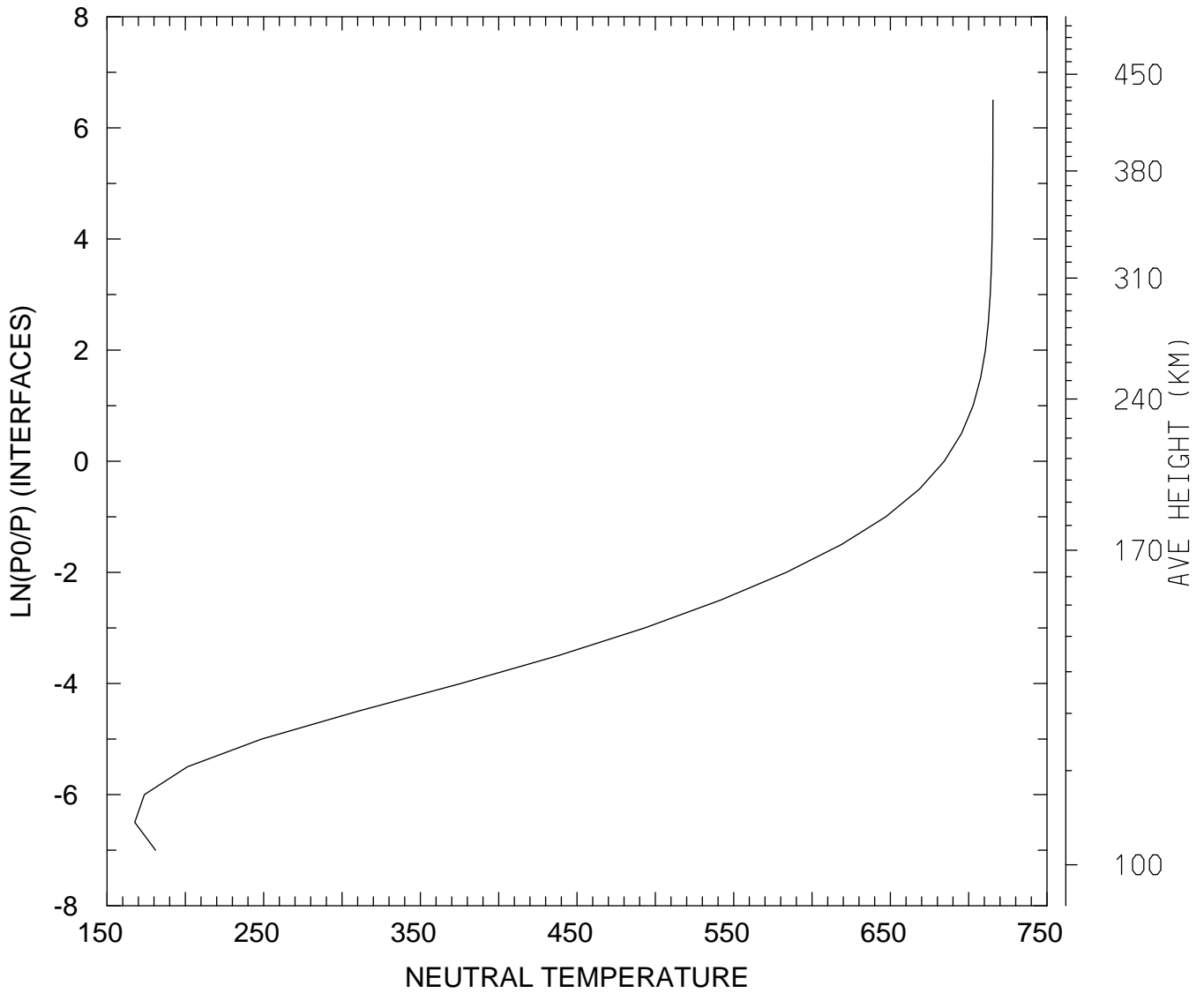
MIN,MAX= 1.6949E+02 6.7795E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



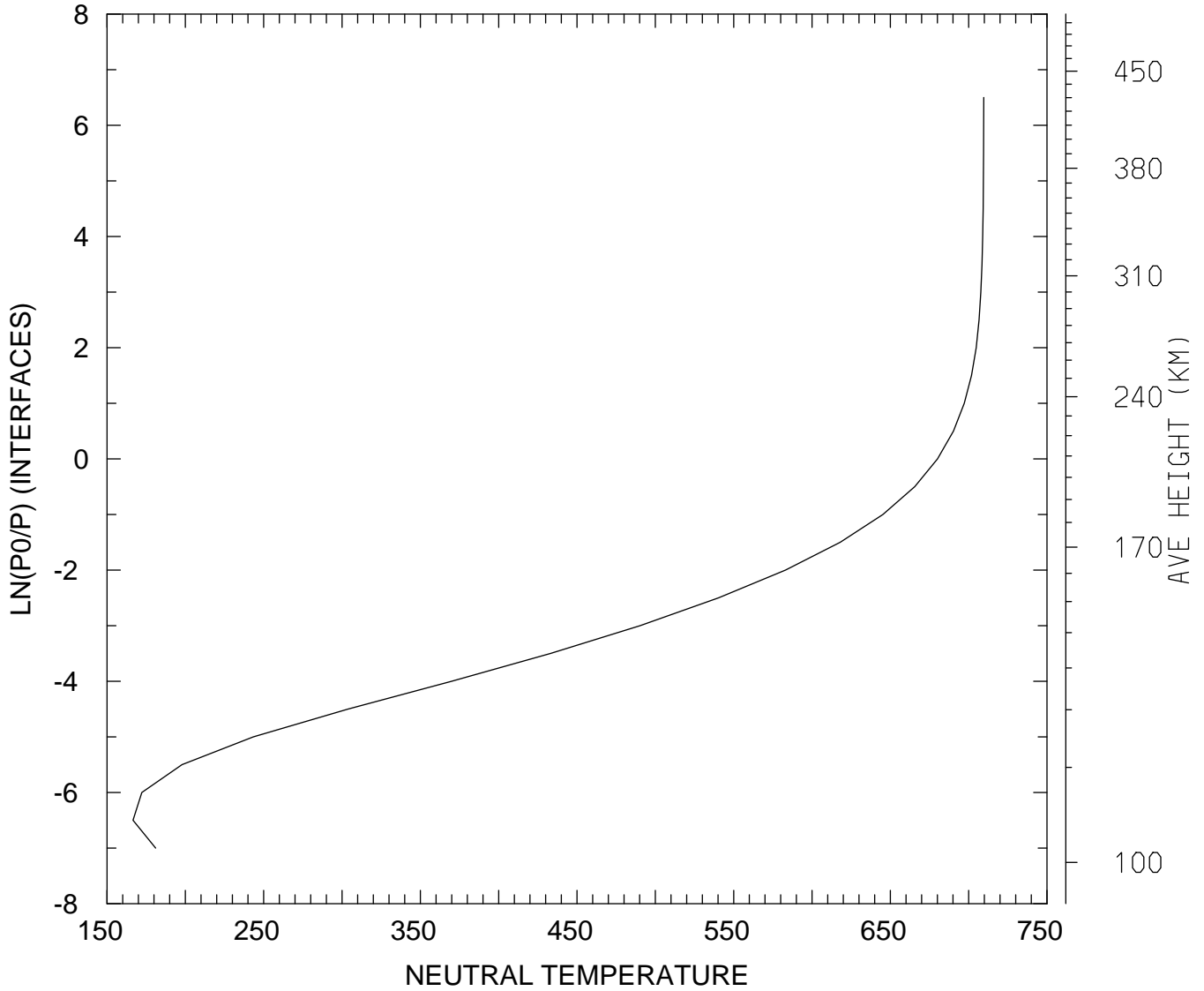
MIN,MAX= 1.6640E+02 7.4386E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



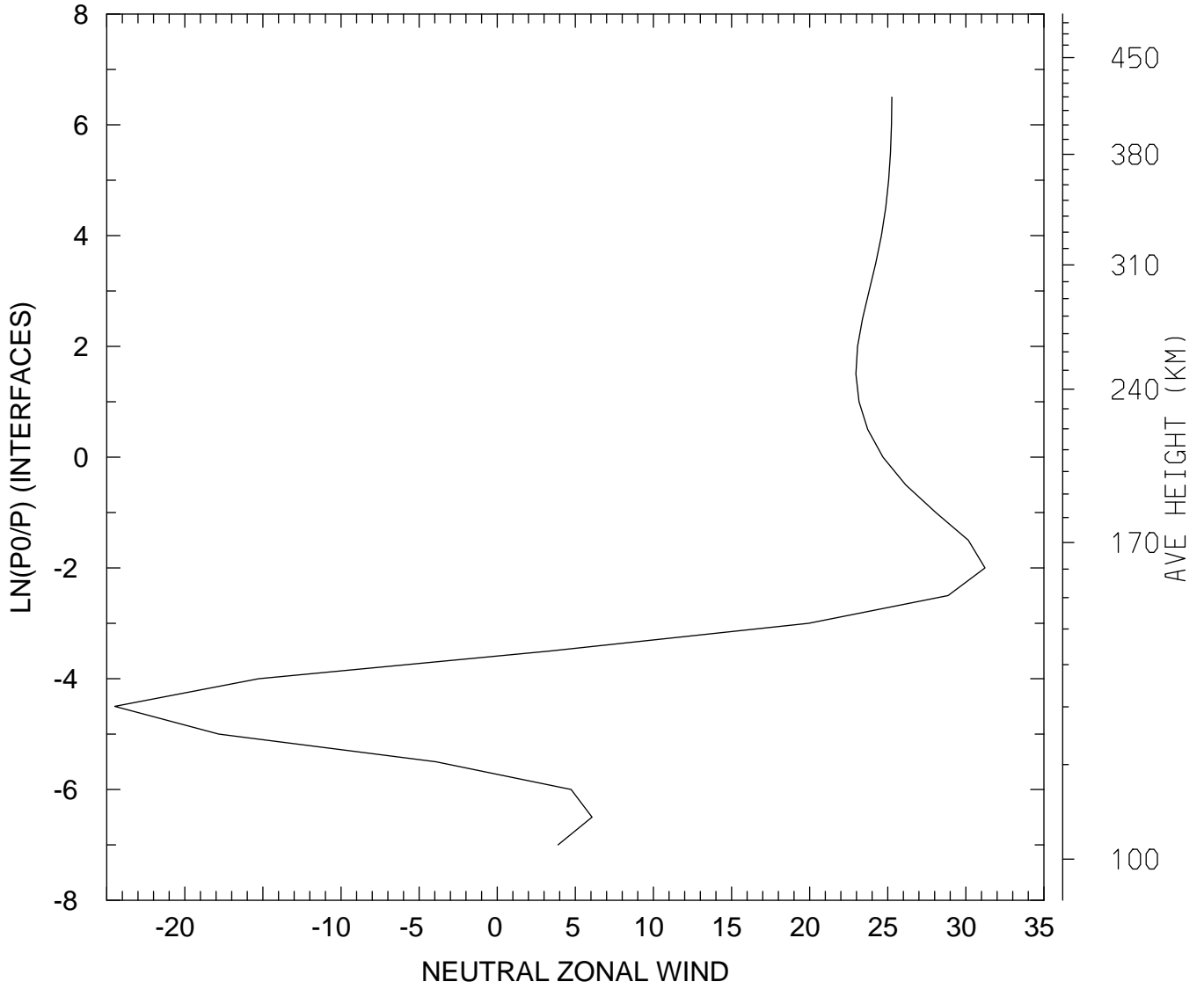
MIN,MAX= 1.6770E+02 7.1550E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
UT= 0.00 GLOBAL MEANS



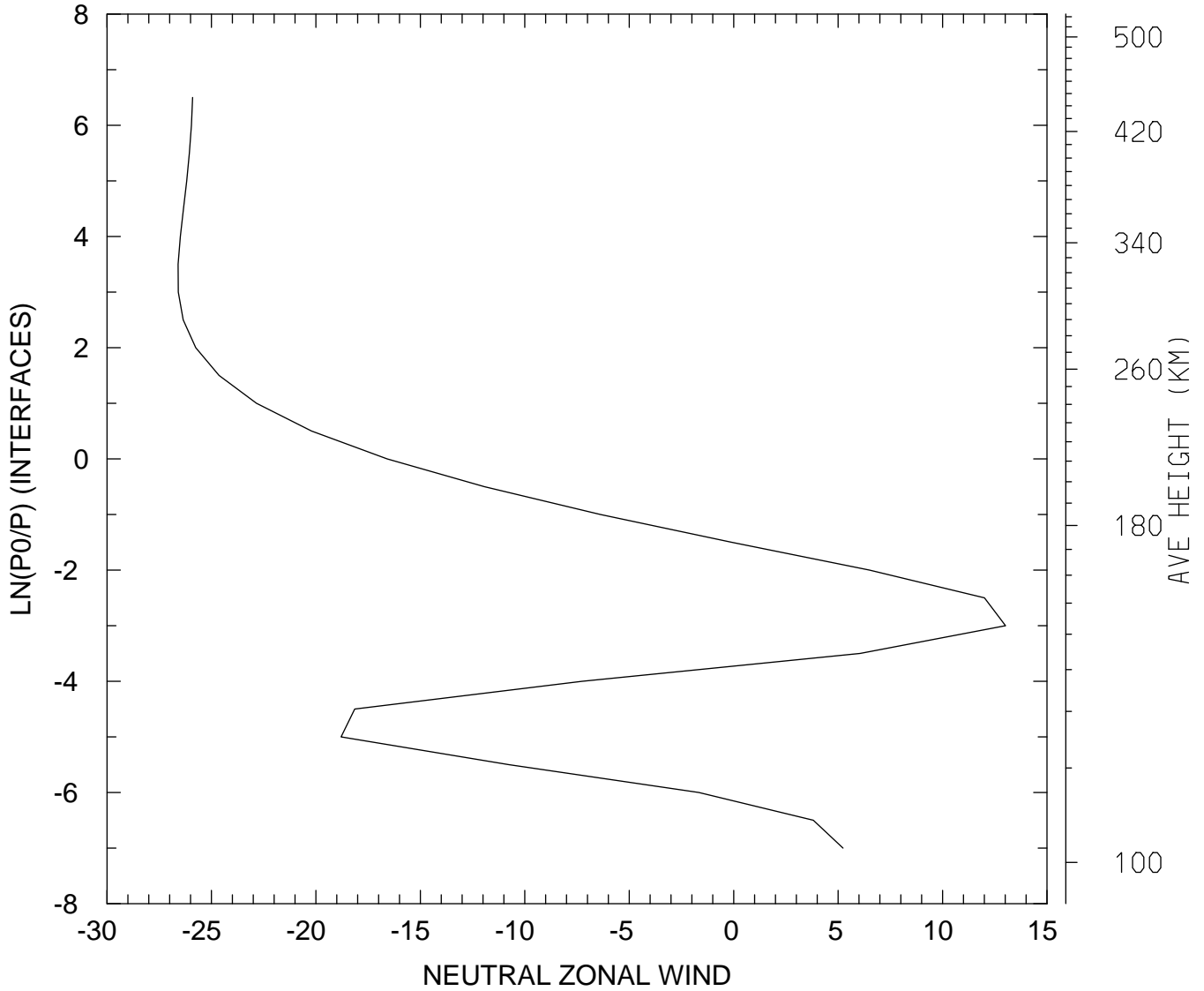
MIN,MAX= 1.6658E+02 7.0961E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= -2.4485E+01 3.1224E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

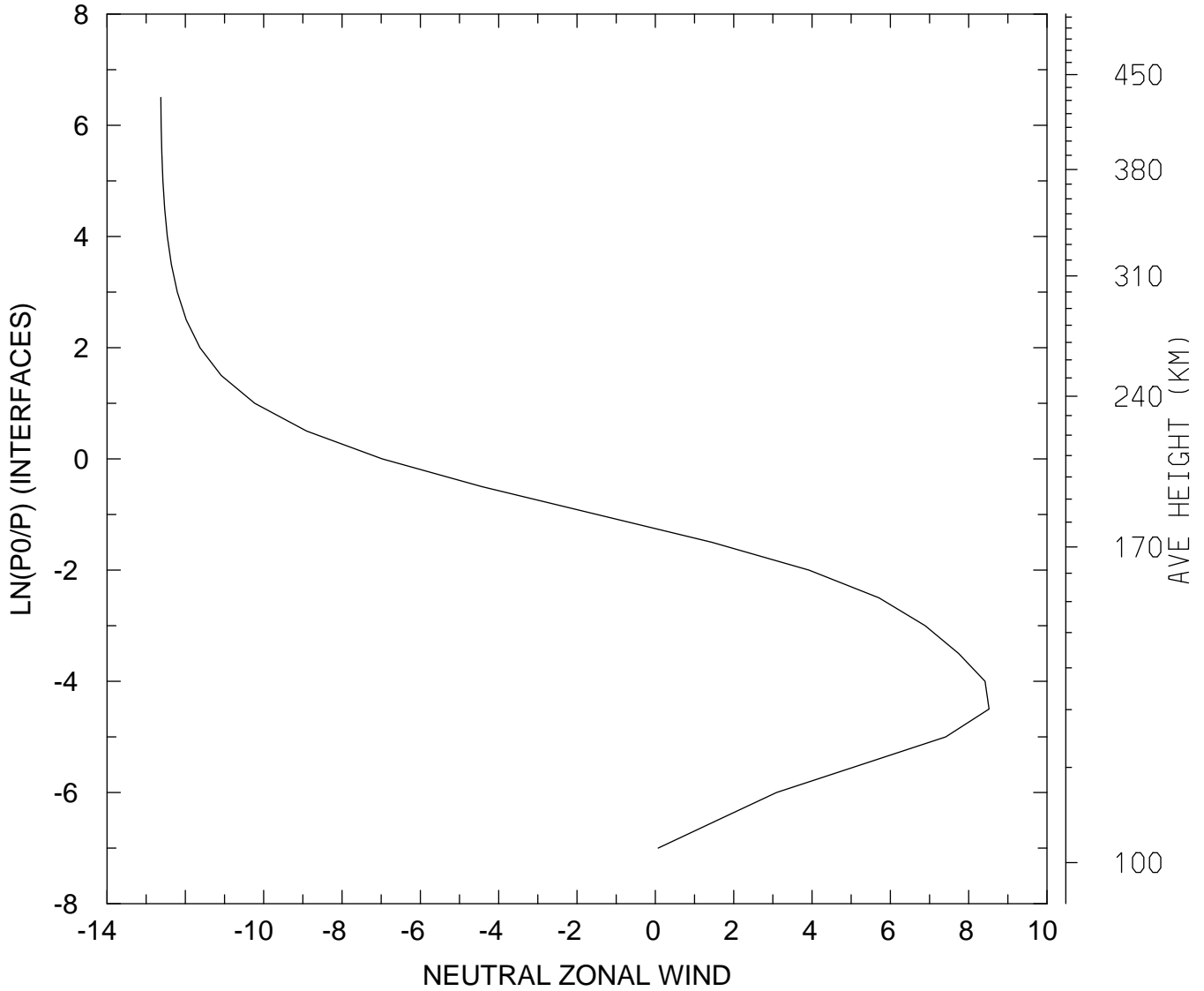
NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



MIN,MAX= -2.6598E+01 1.3015E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

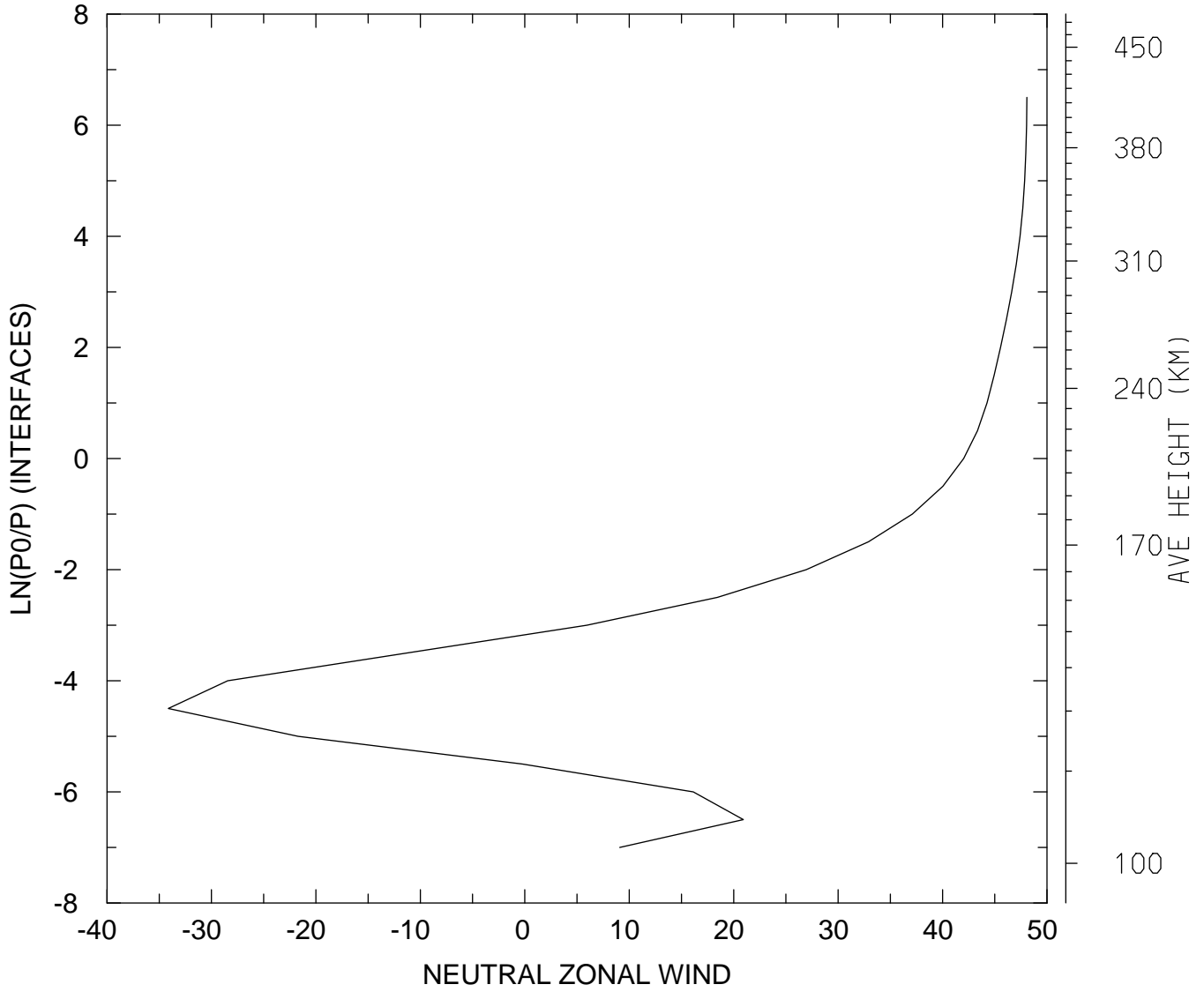


NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



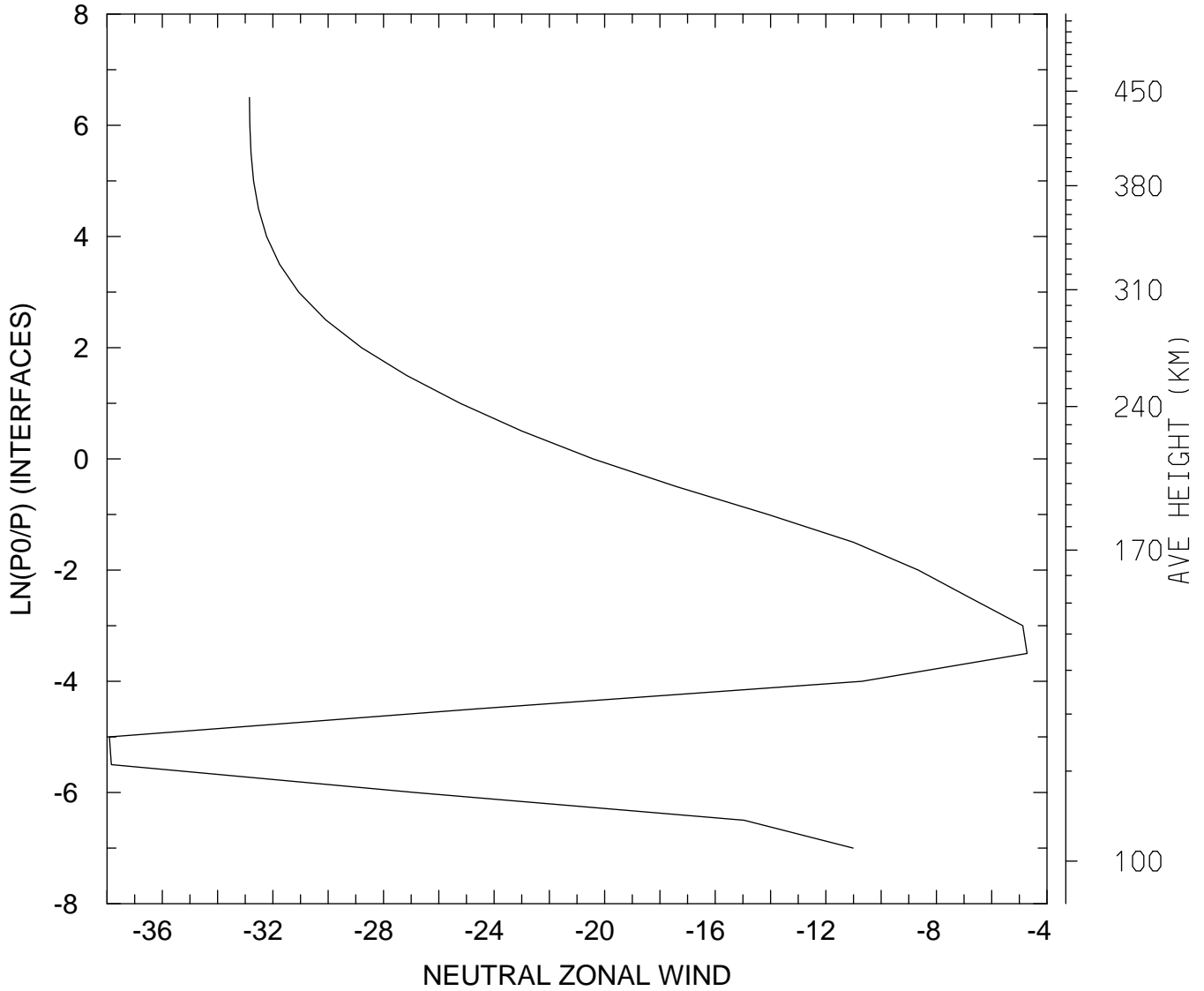
MIN,MAX= -1.2627E+01 8.5213E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



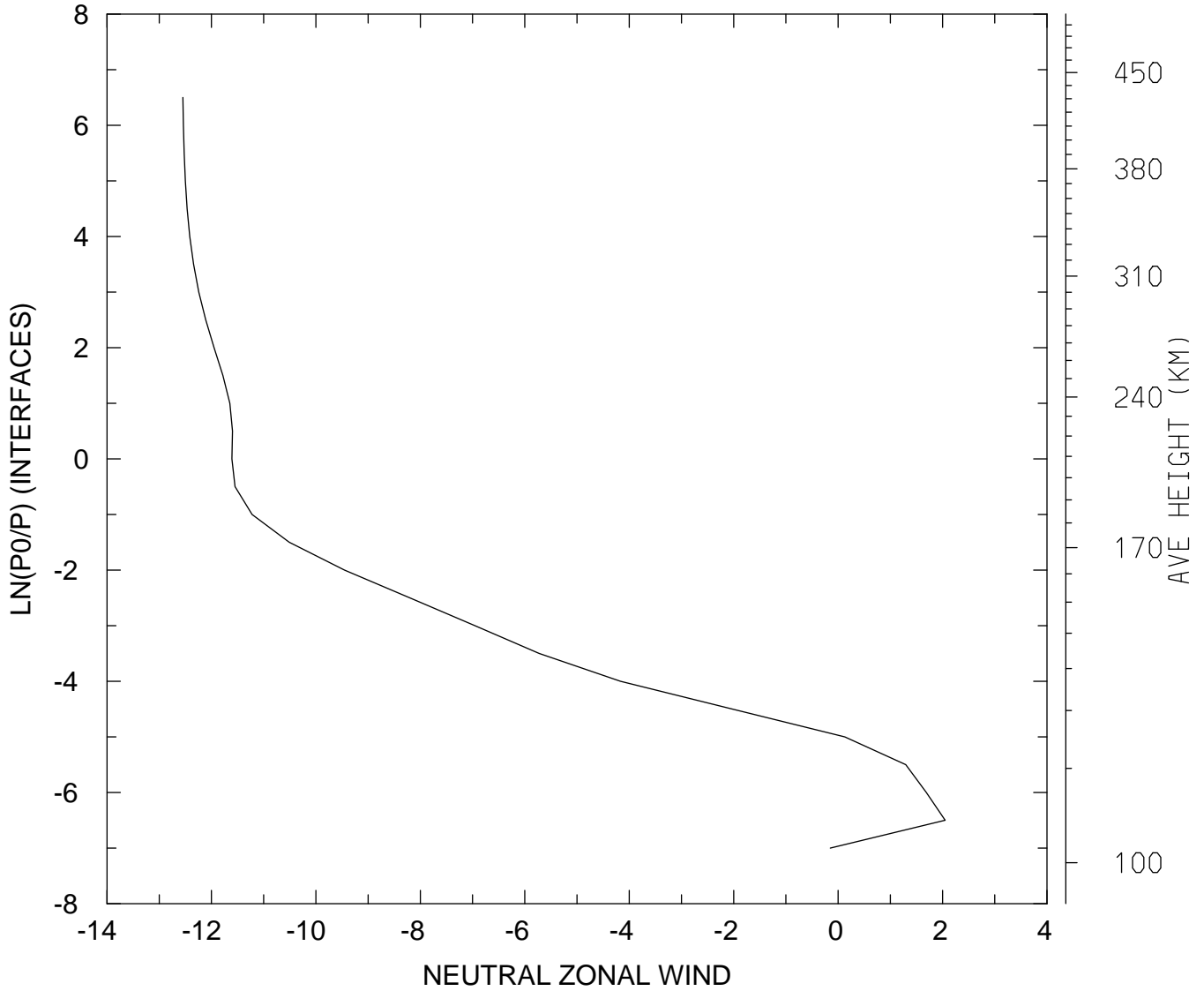
MIN,MAX= -3.4133E+01 4.8075E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



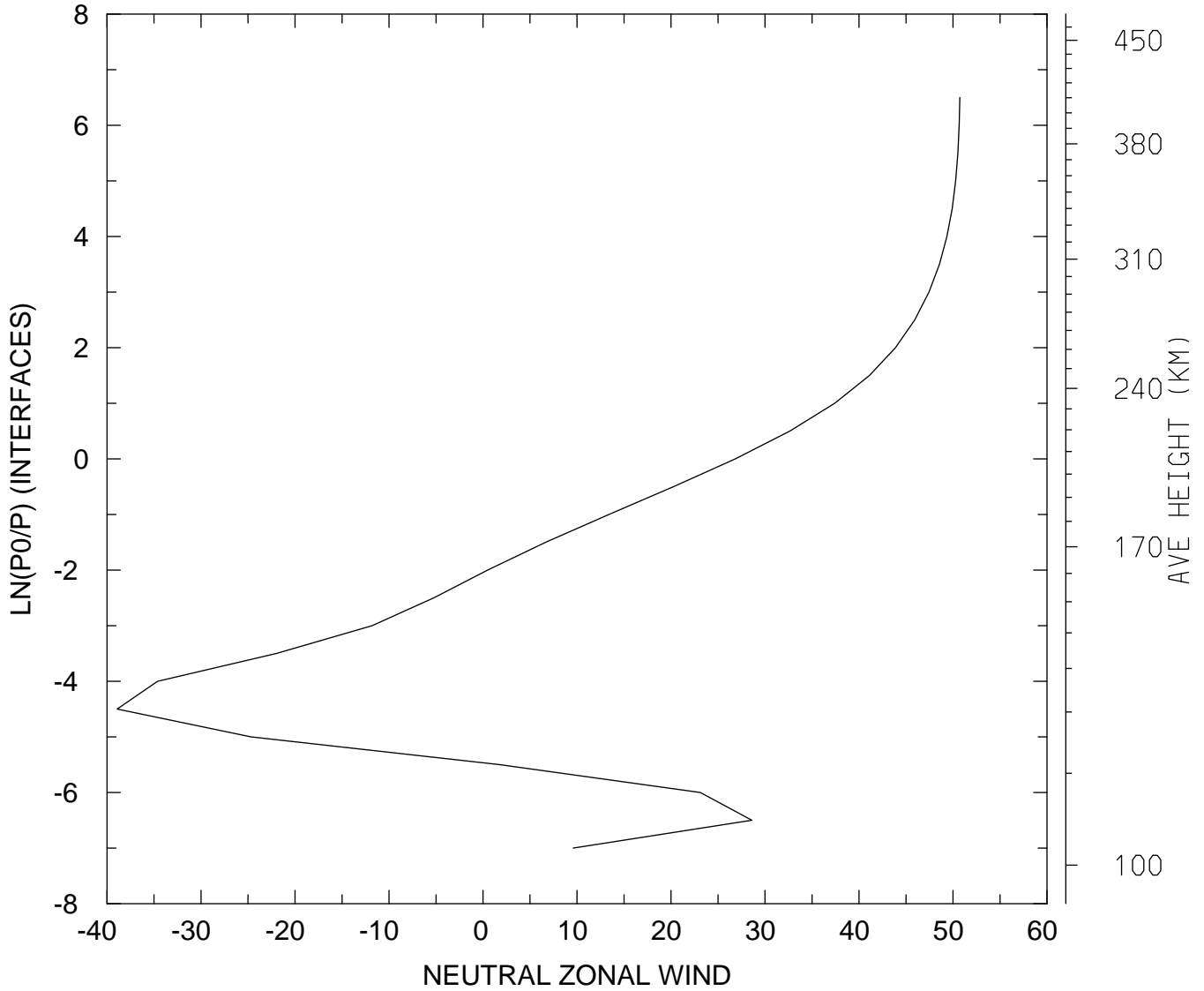
MIN,MAX= -3.7914E+01 -4.7209E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



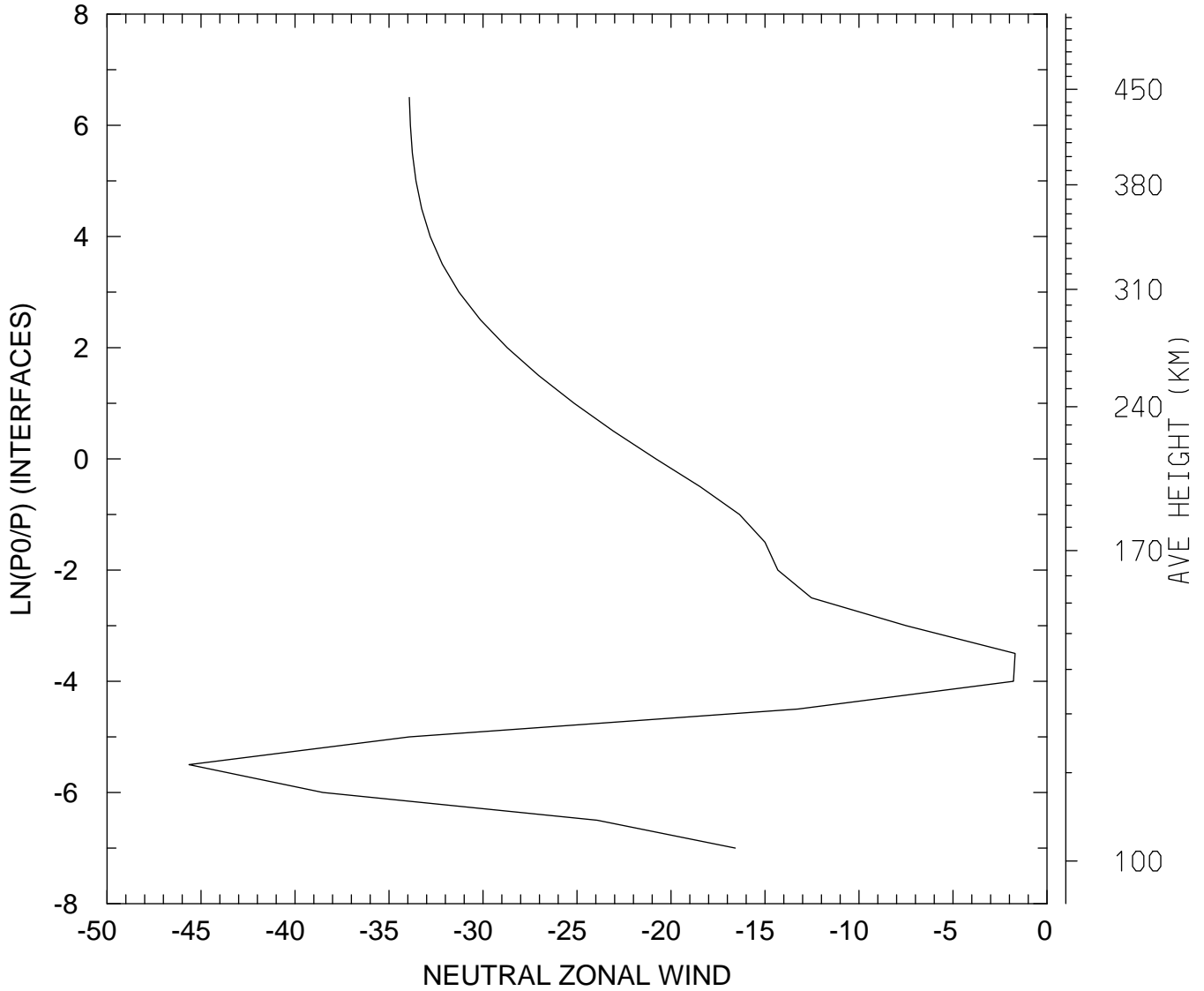
MIN,MAX= -1.2547E+01 2.0497E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



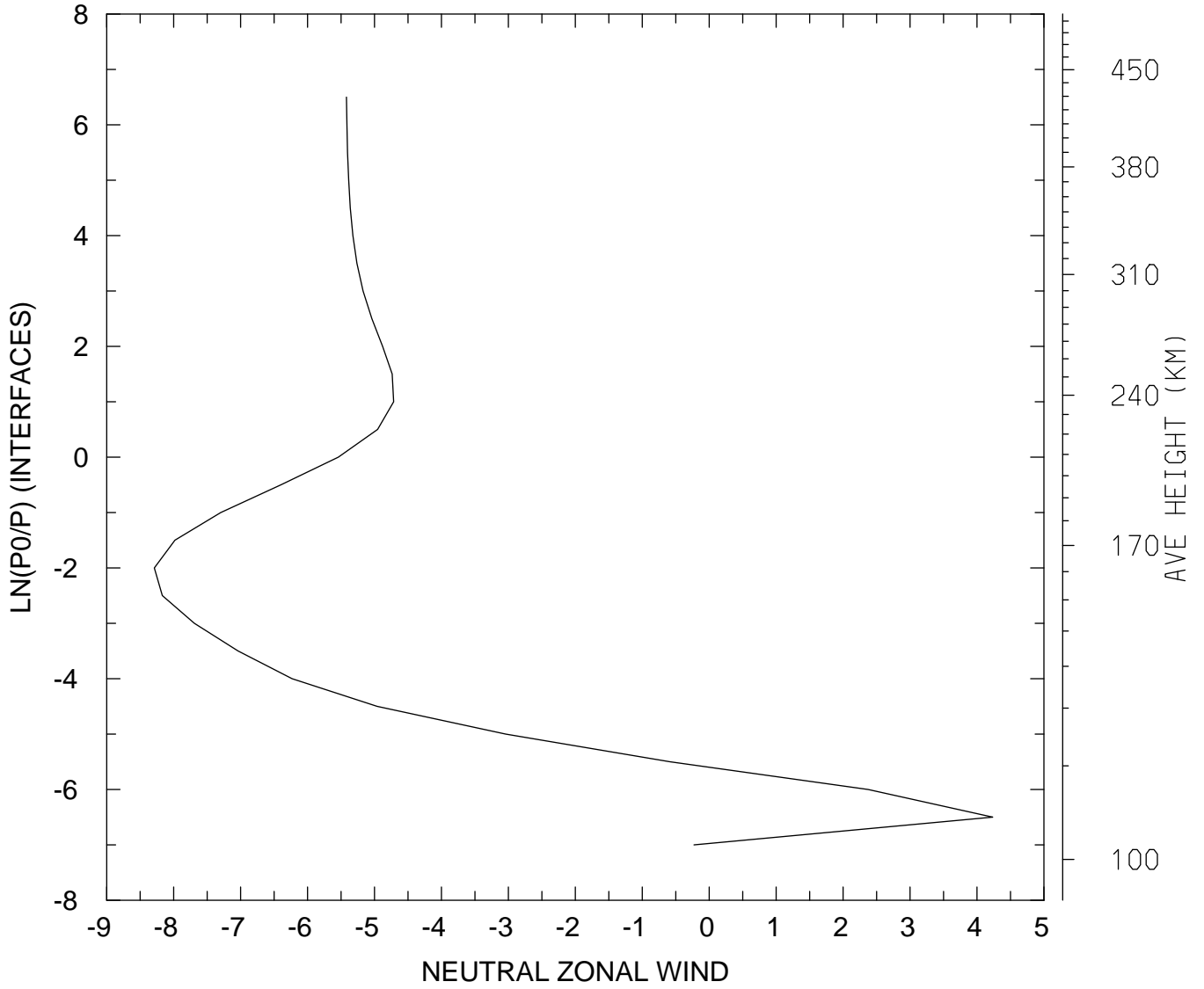
MIN,MAX= -3.8924E+01 5.0727E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



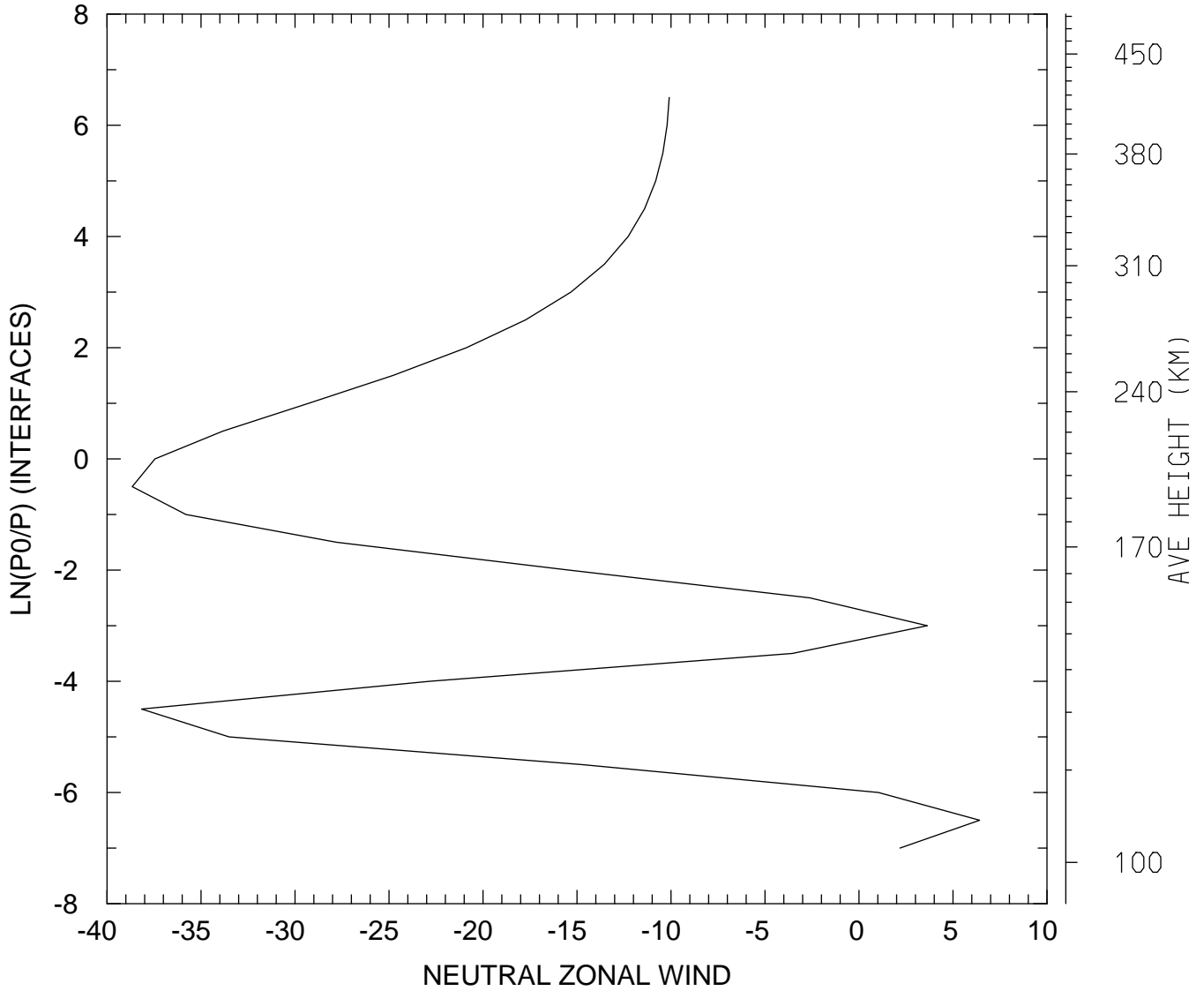
MIN,MAX= -4.5642E+01 -1.6960E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= -8.2890E+00 4.2344E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

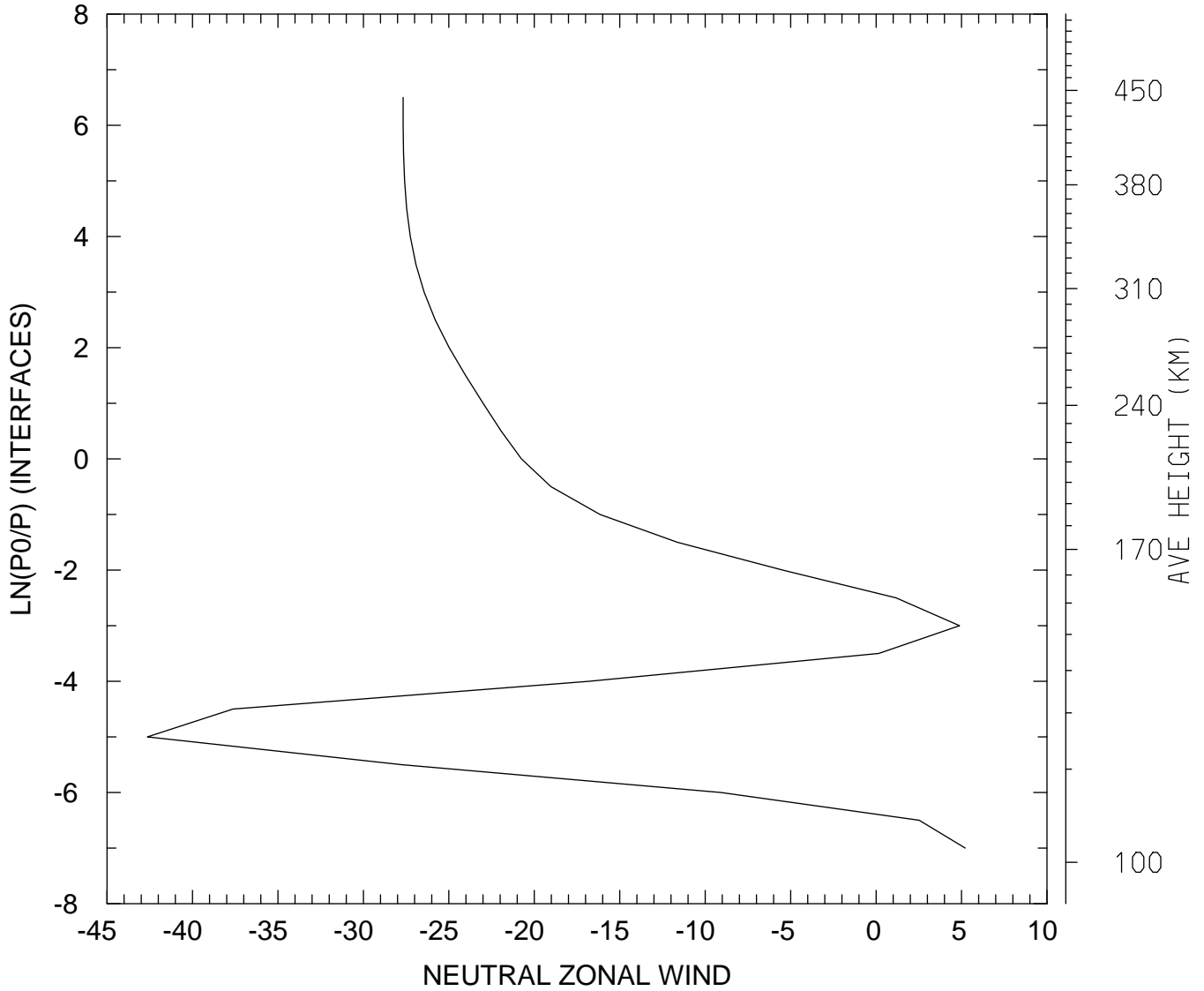
NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



MIN,MAX= -3.8661E+01 6.4161E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

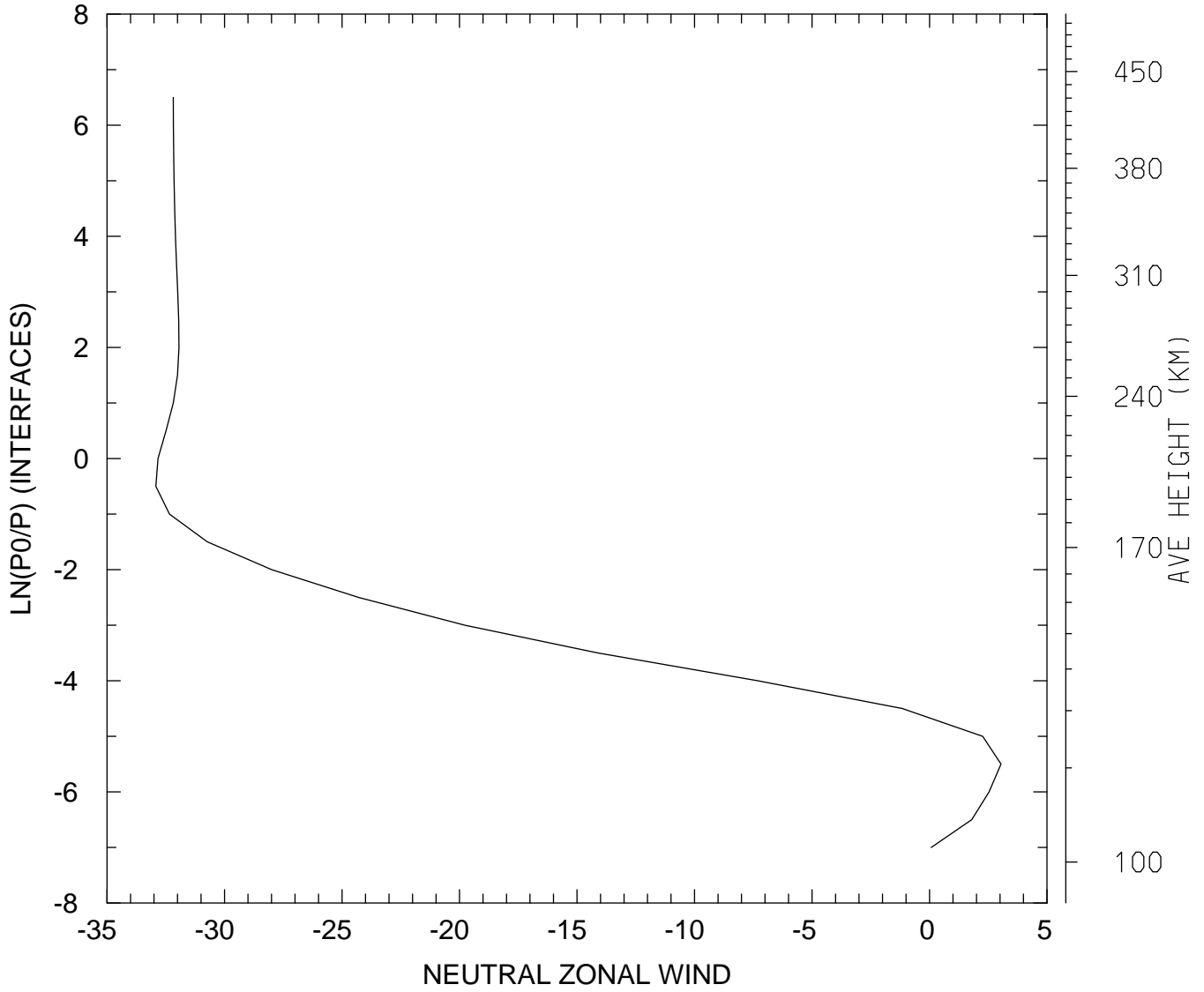


NEUTRAL ZONAL WIND (M/S)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



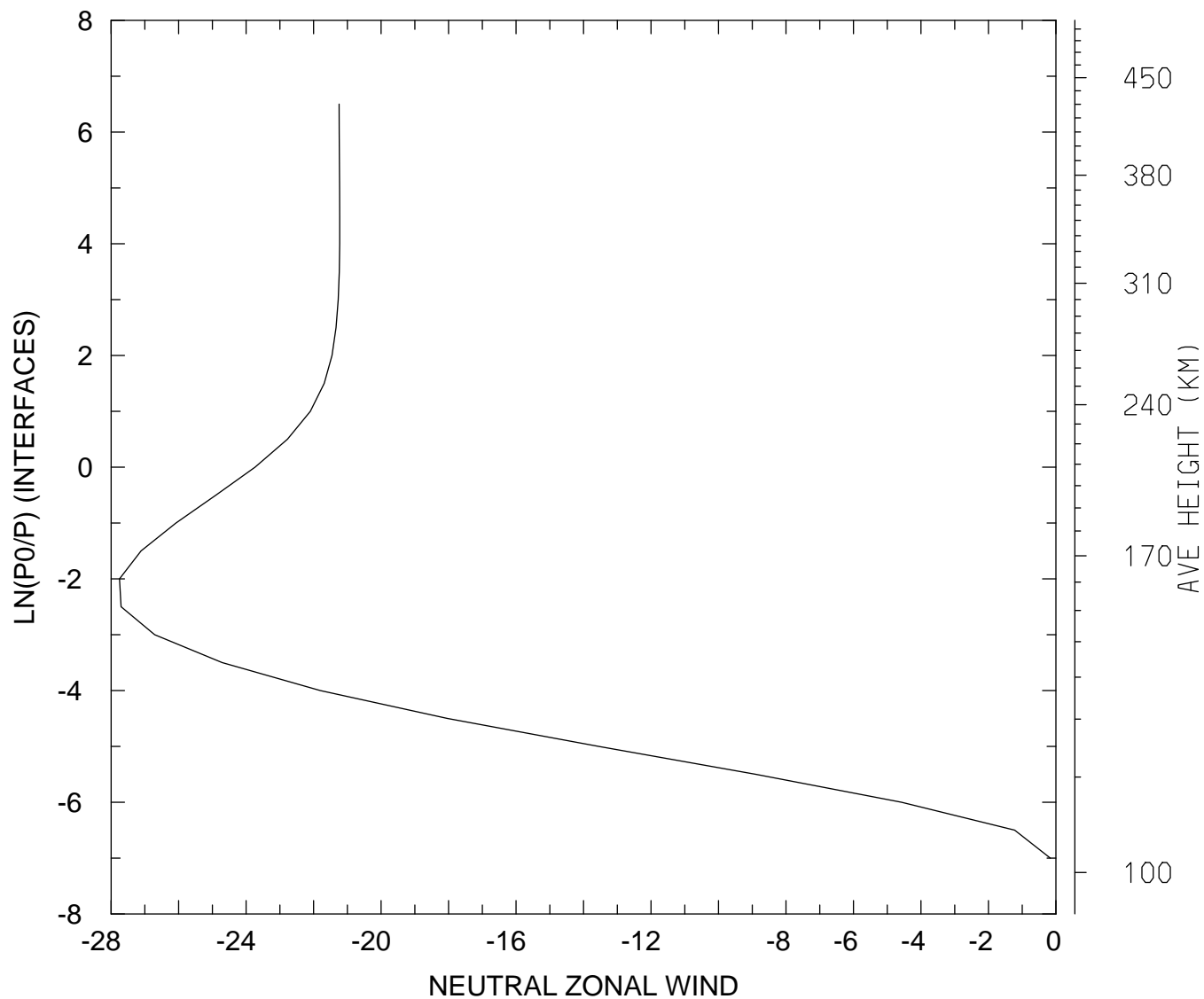
MIN,MAX= -4.2634E+01 5.2176E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



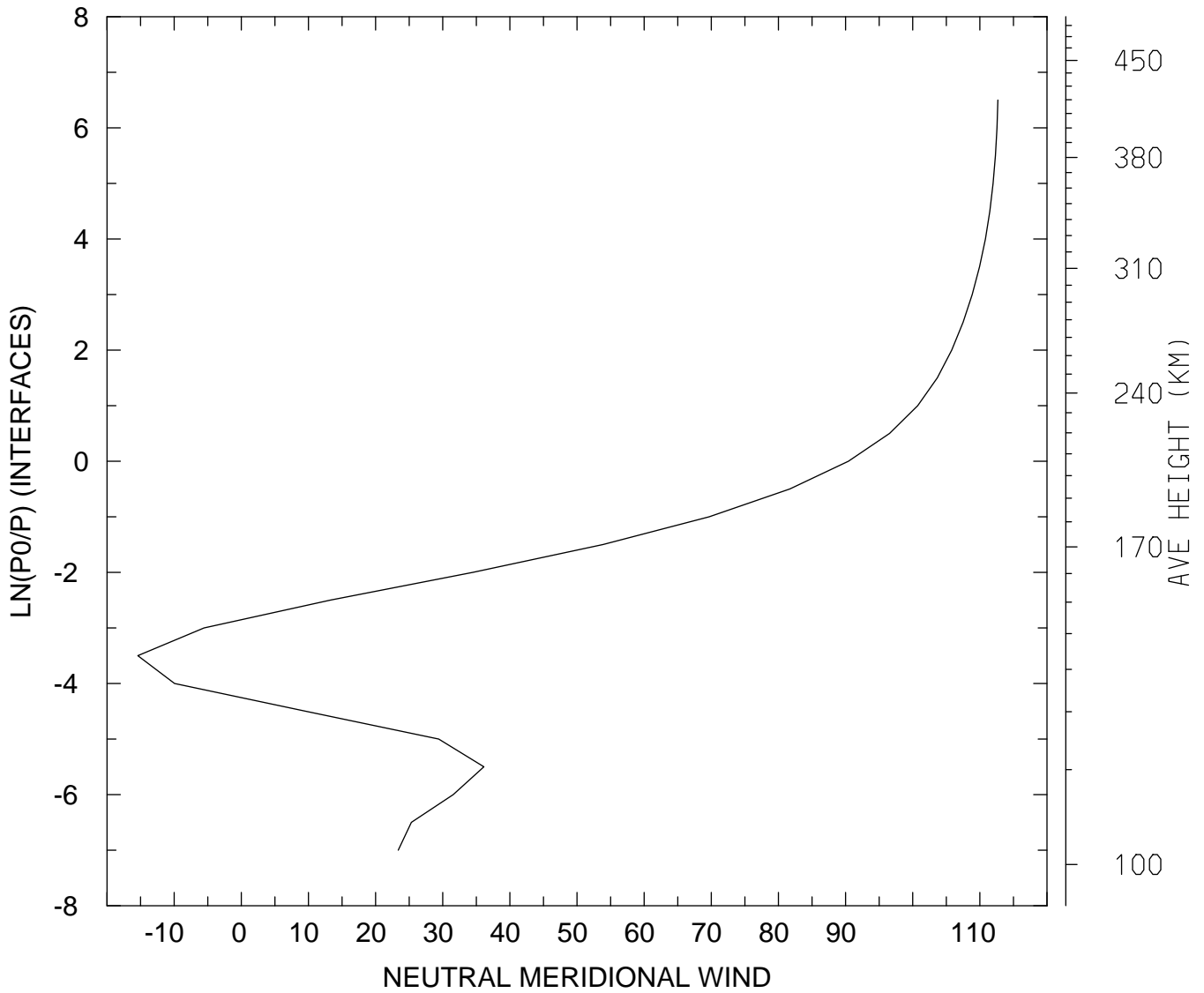
MIN,MAX= -3.2924E+01 3.0433E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



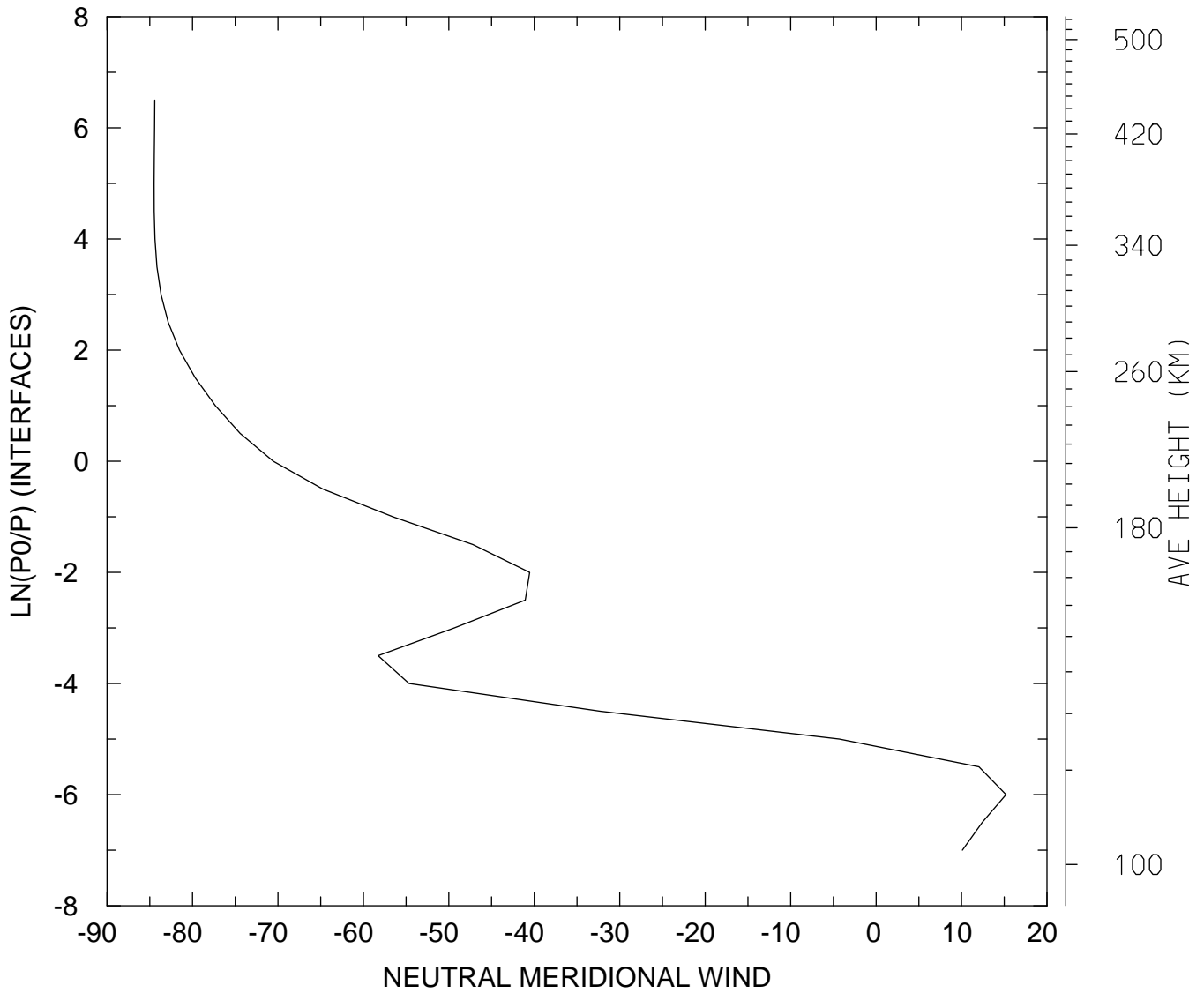
MIN,MAX= -2.7753E+01 -1.6624E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



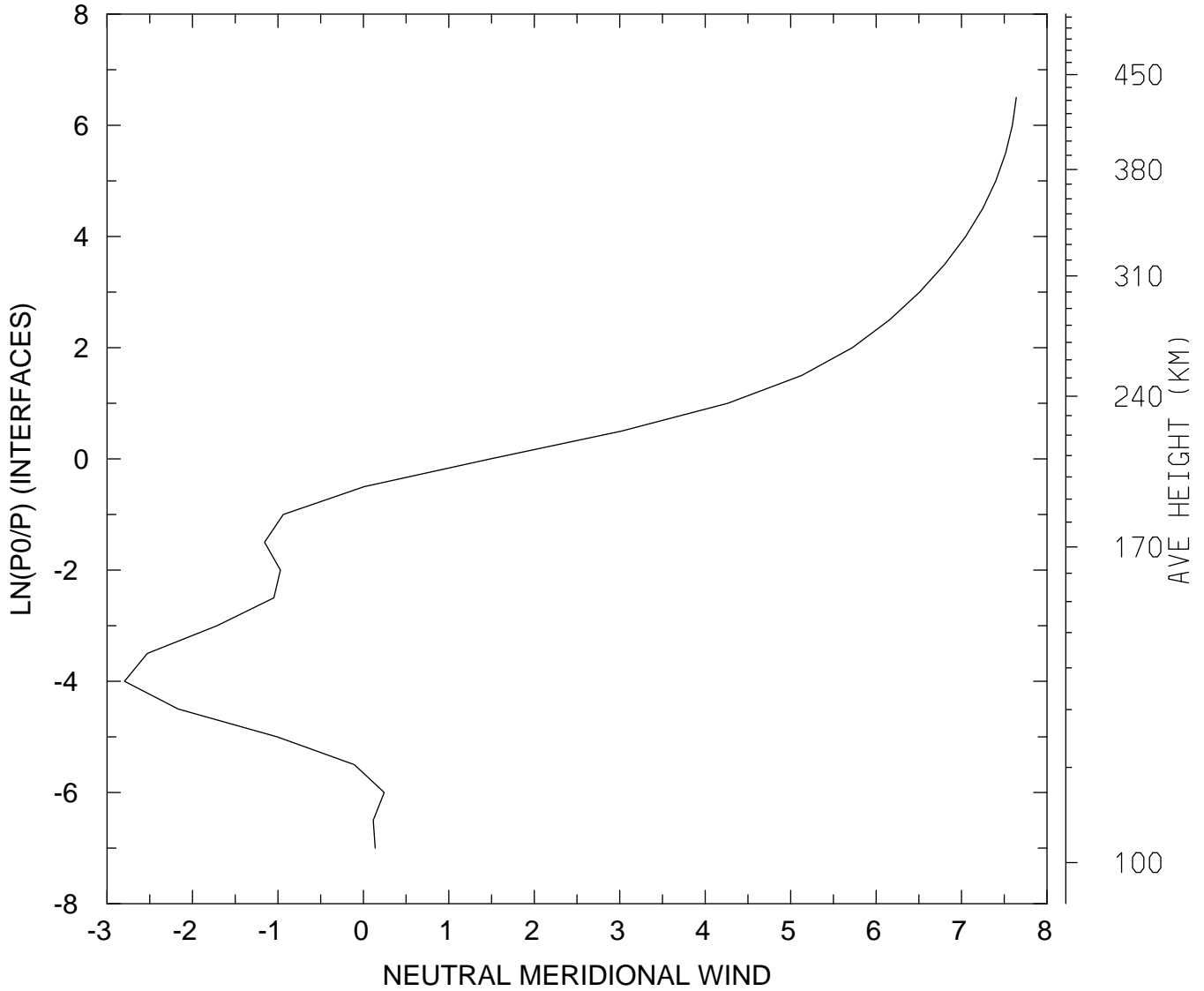
MIN,MAX= -1.5422E+01 1.1269E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



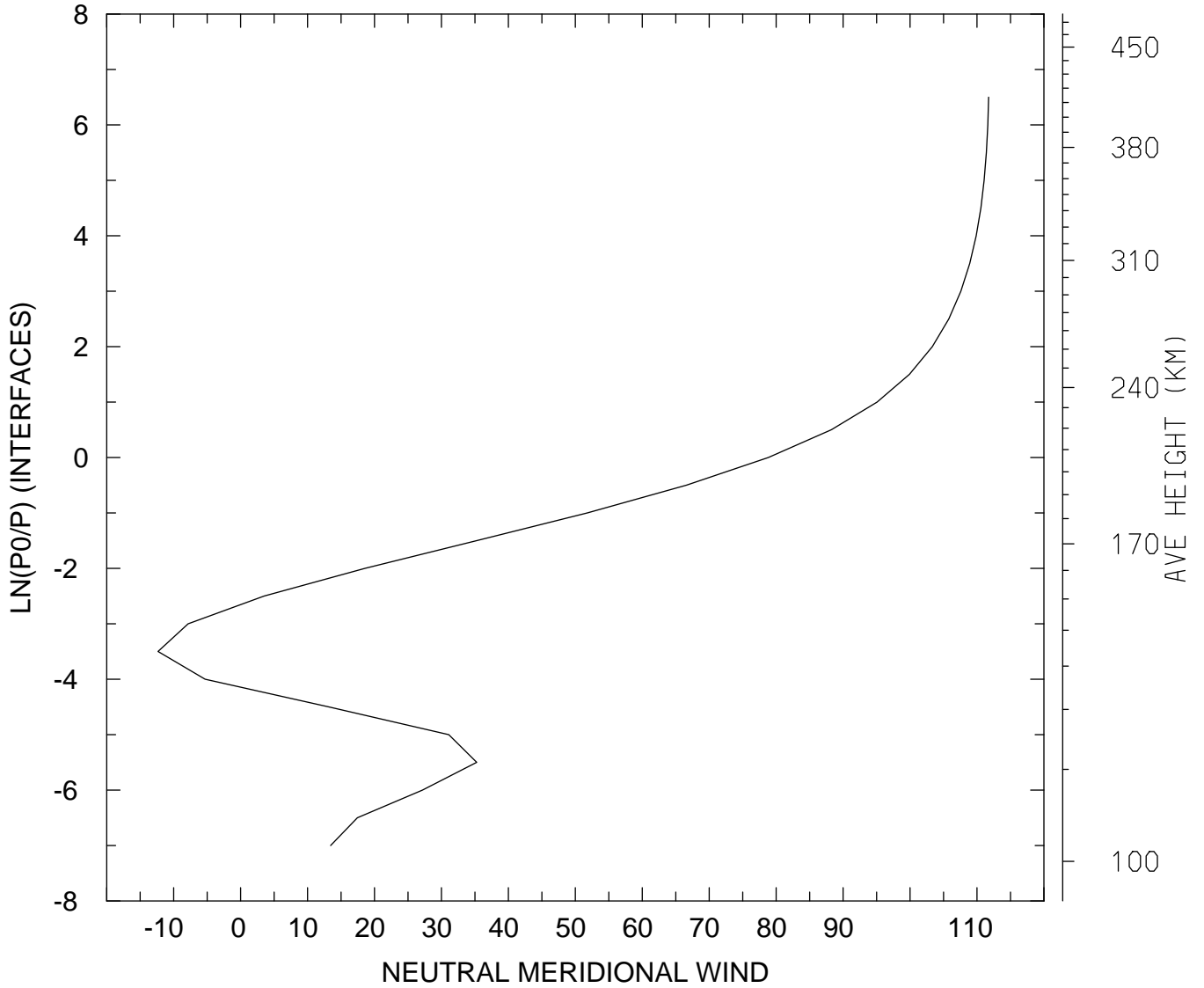
MIN,MAX= -8.4494E+01 1.5199E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



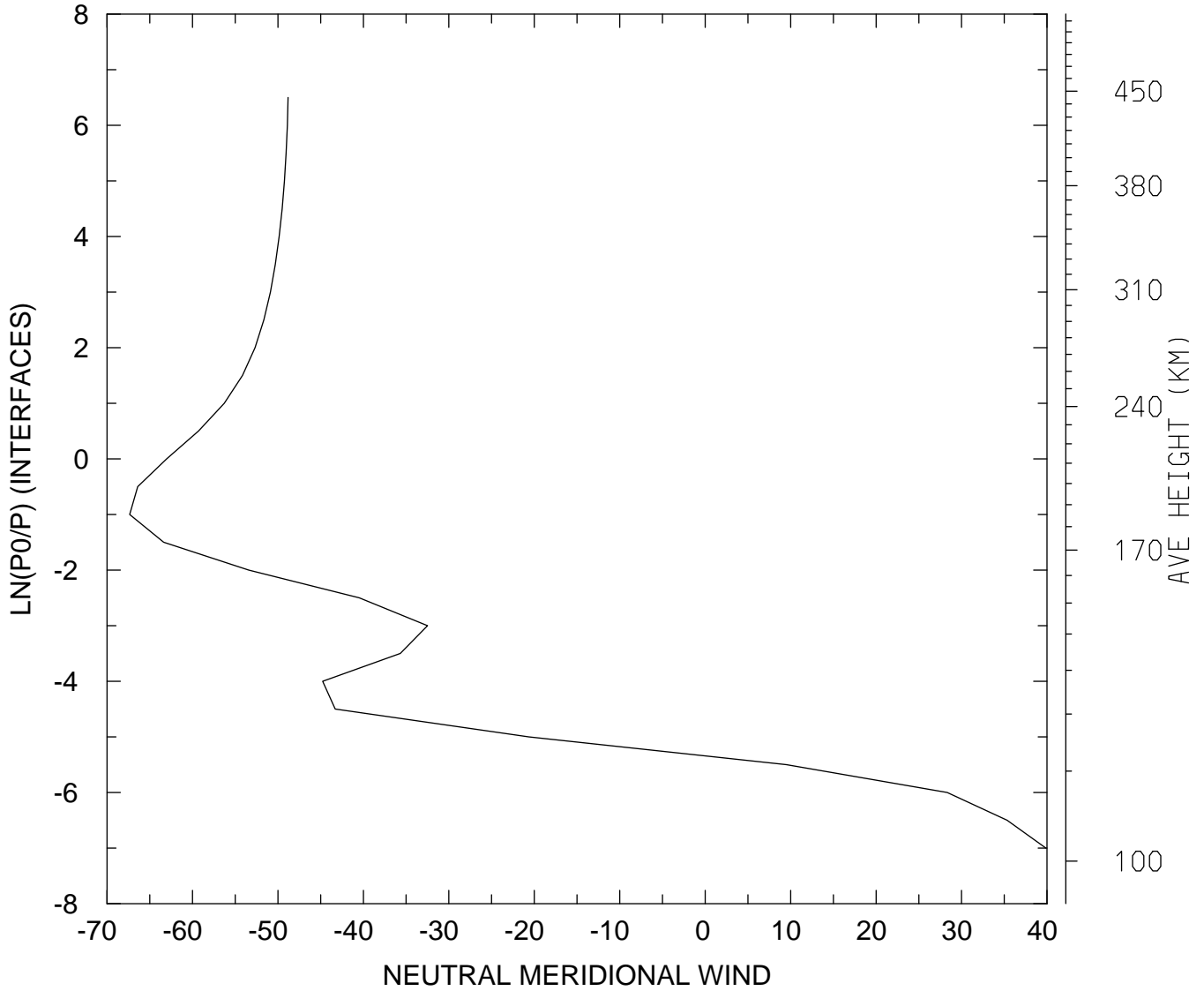
MIN,MAX= -2.7964E+00 7.6408E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= -1.2337E+01 1.1173E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

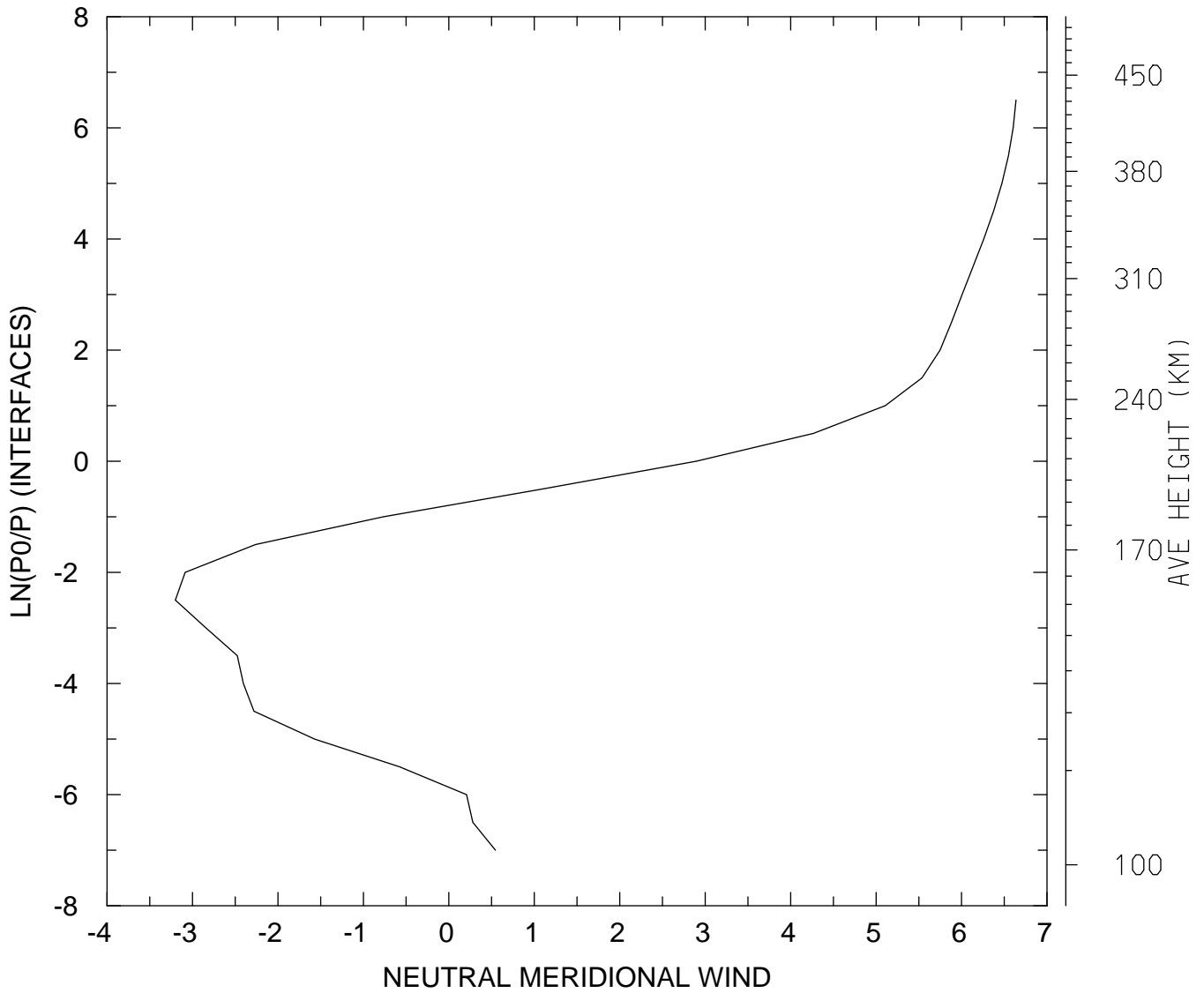
NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



MIN,MAX= -6.7344E+01 3.9865E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

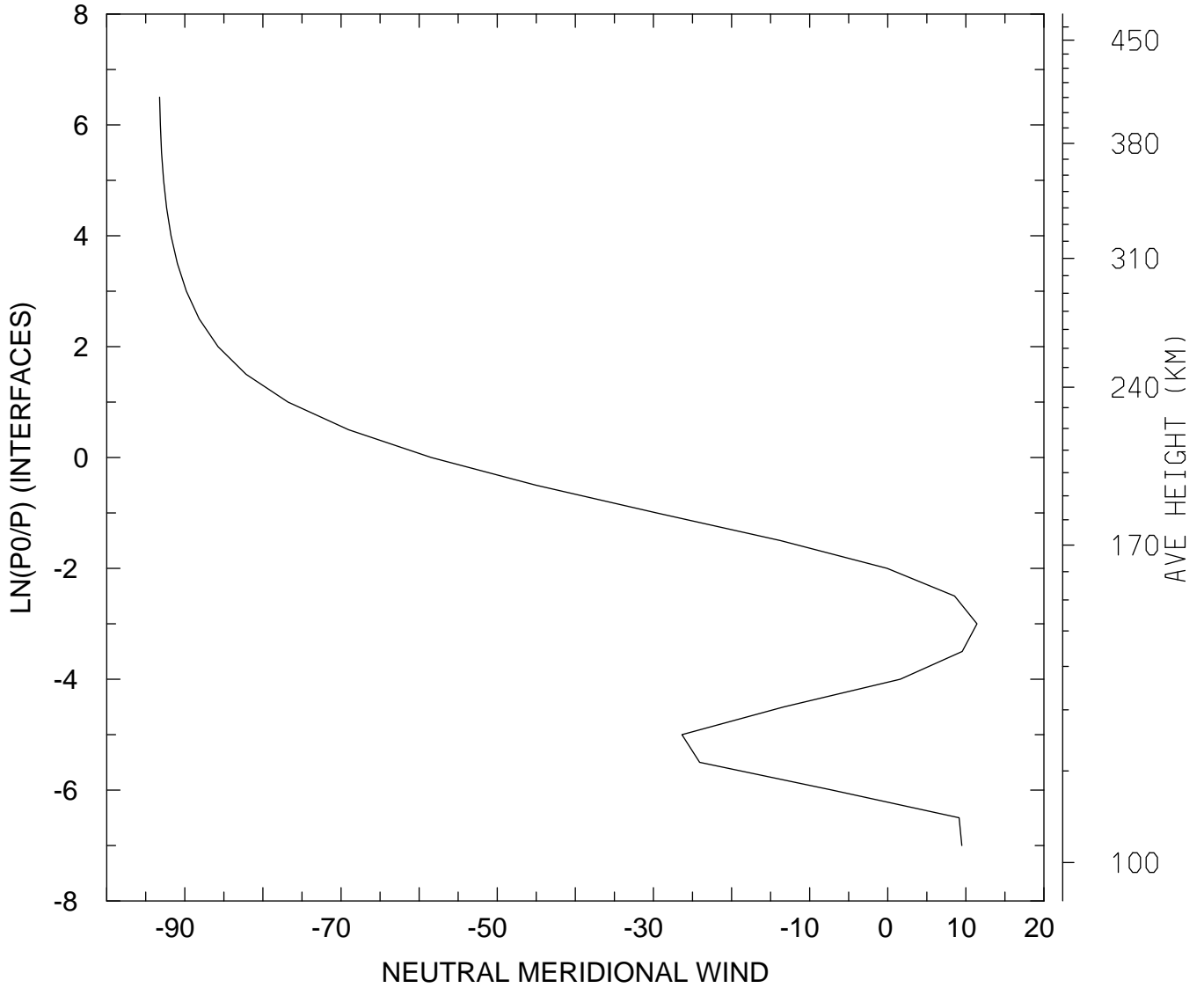


NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



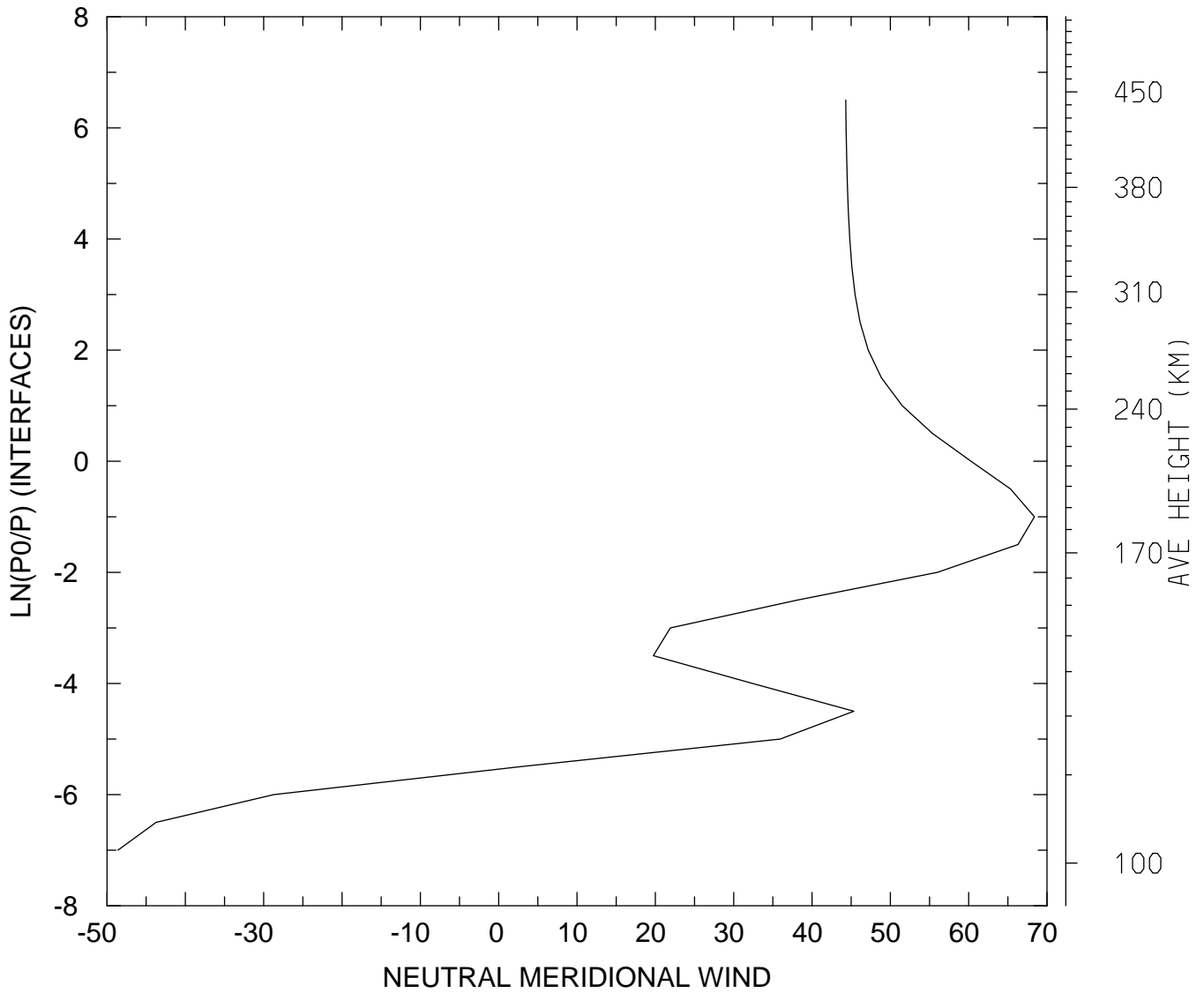
MIN,MAX= -3.2007E+00 6.6375E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



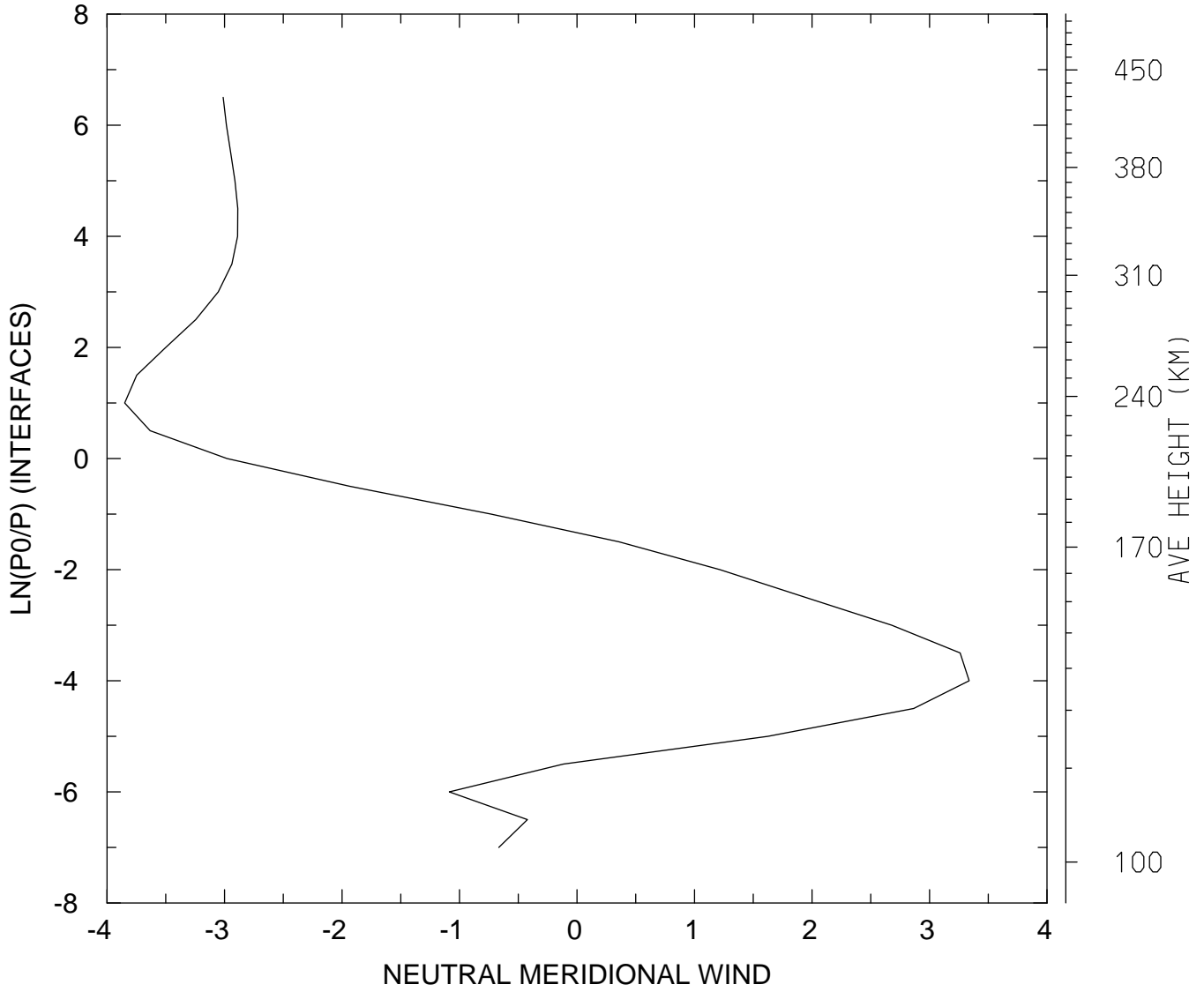
MIN,MAX= -9.3224E+01 1.1428E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



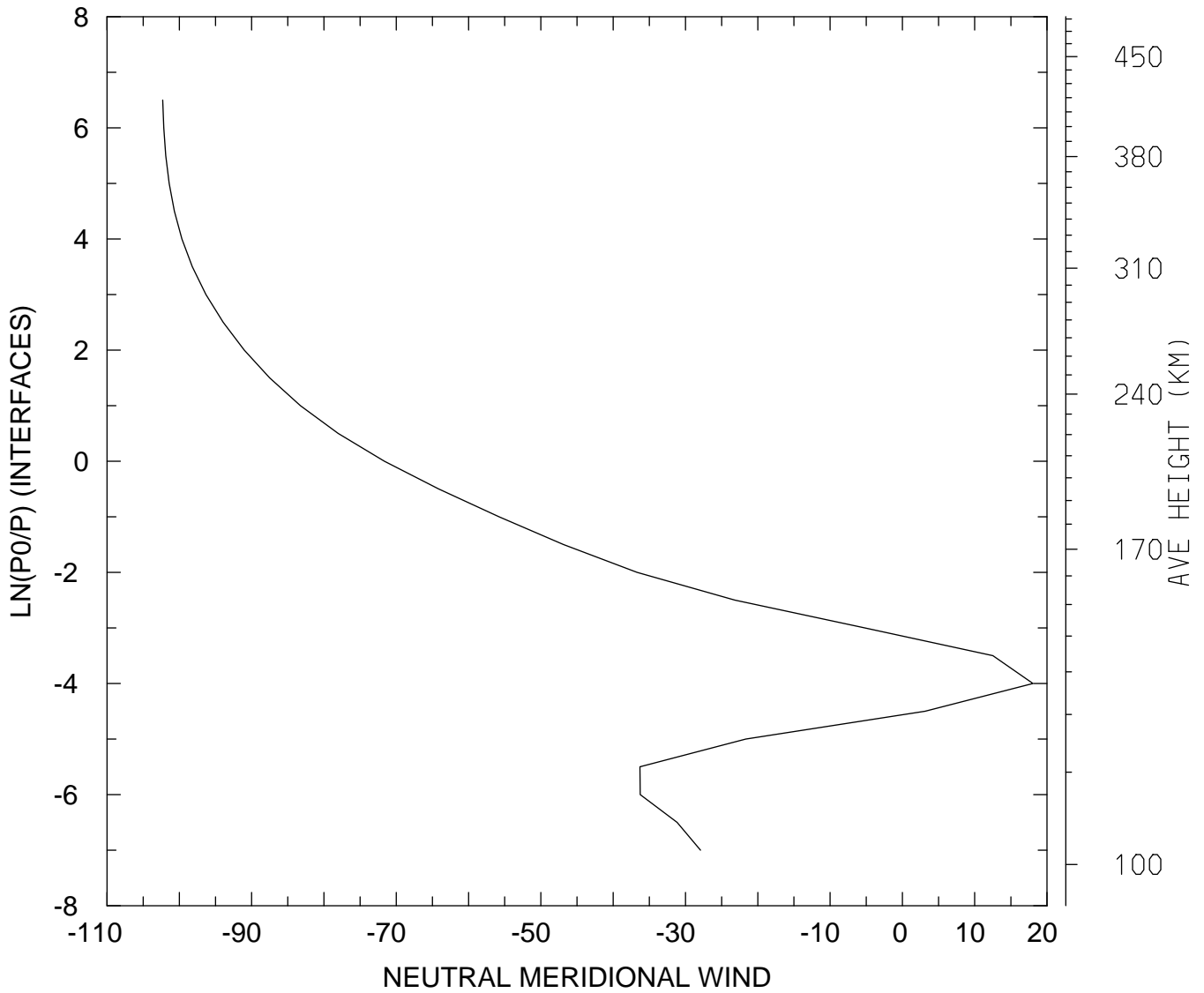
MIN,MAX= -4.8604E+01 6.8387E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



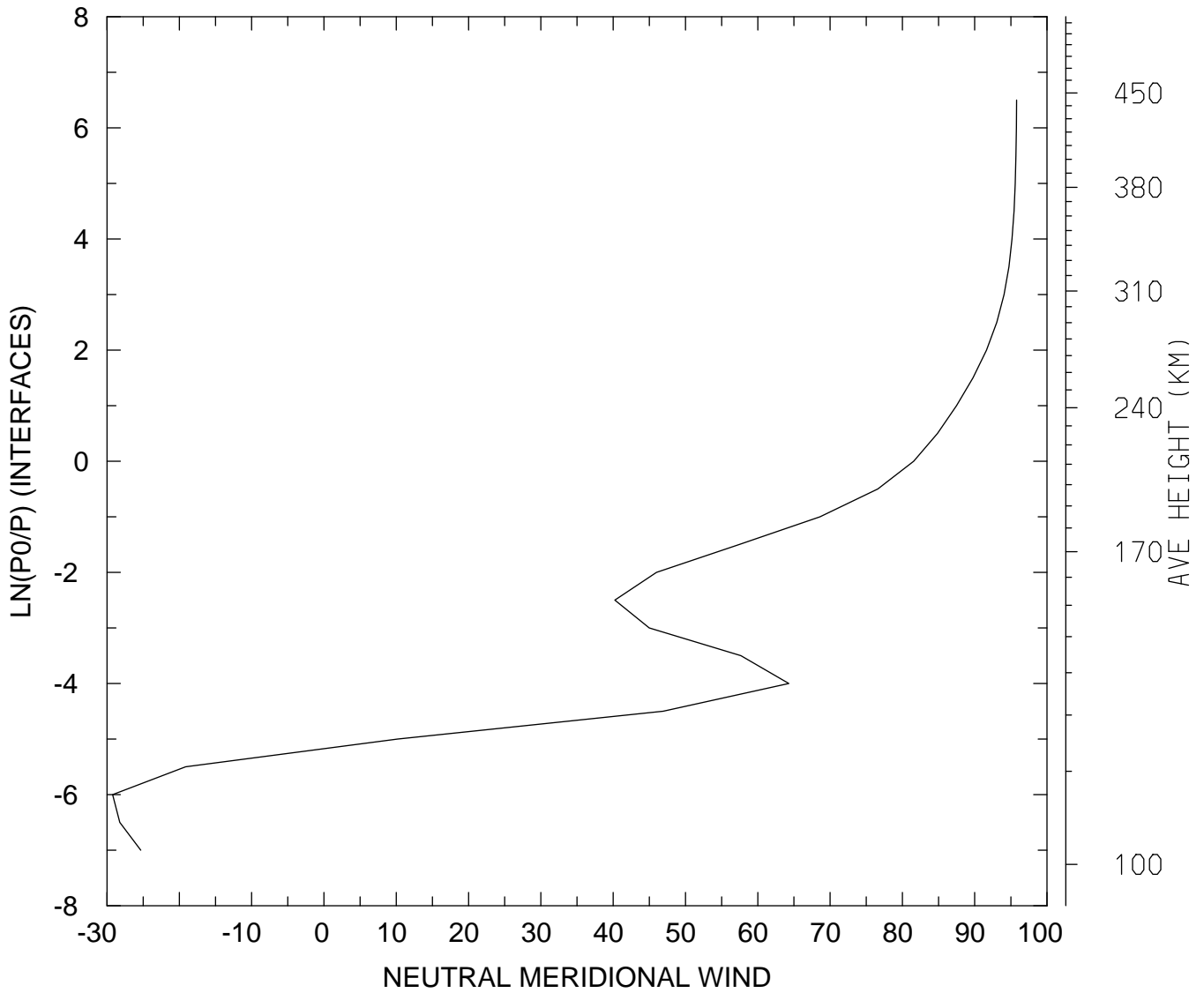
MIN,MAX= -3.8499E+00 3.3375E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



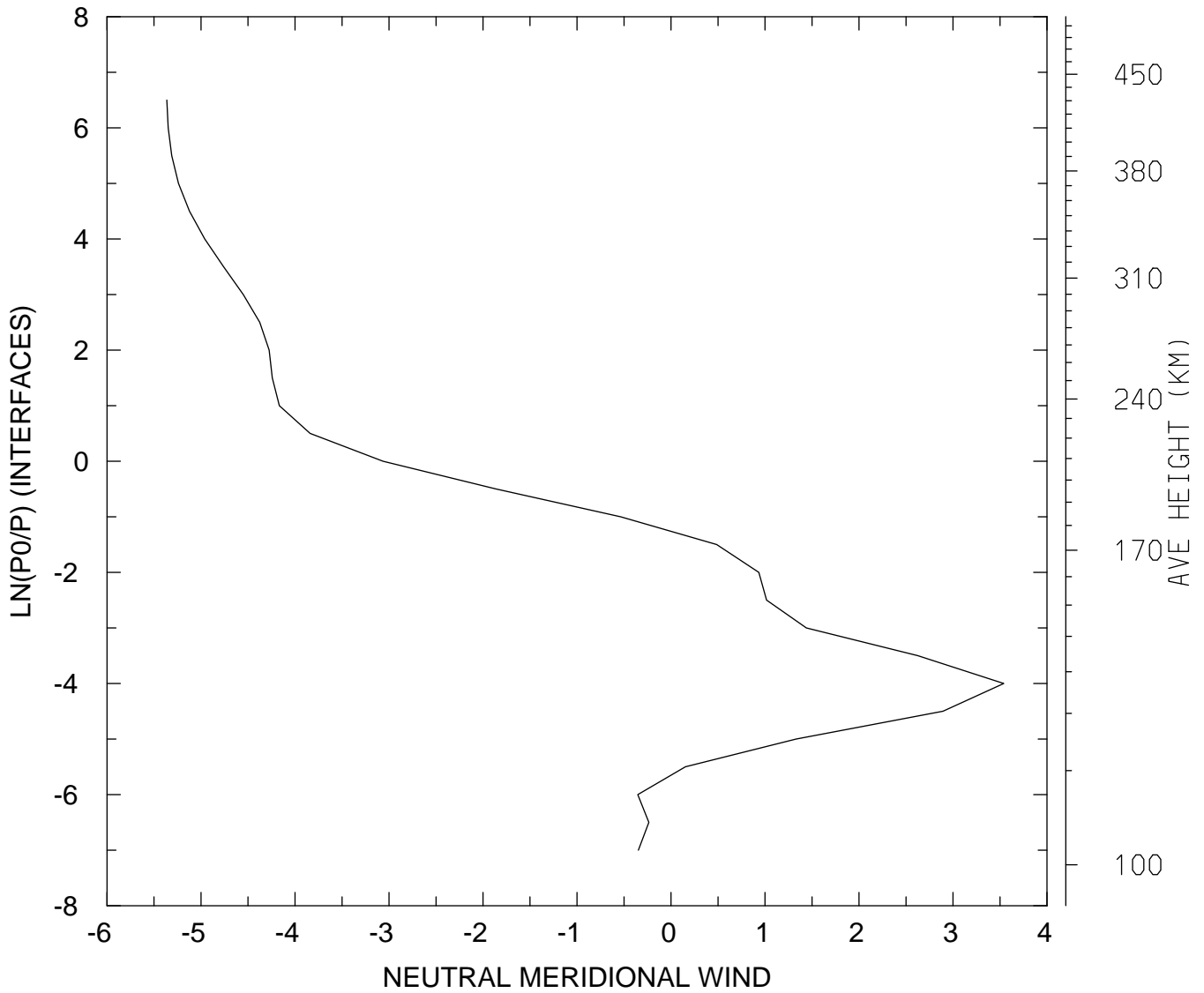
MIN,MAX= -1.0230E+02 1.8058E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



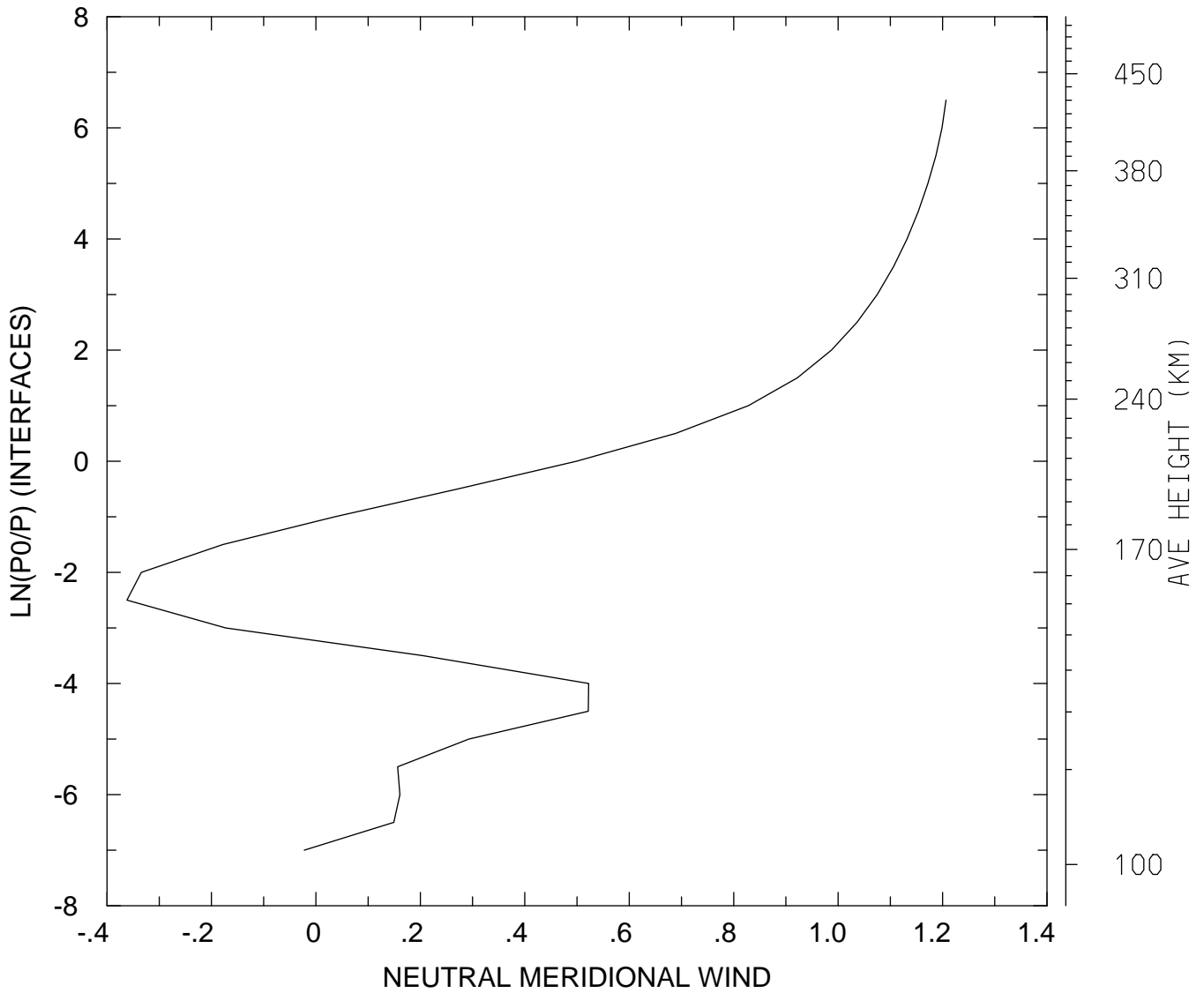
MIN,MAX= -2.9225E+01 9.5795E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= -5.3637E+00 3.5401E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

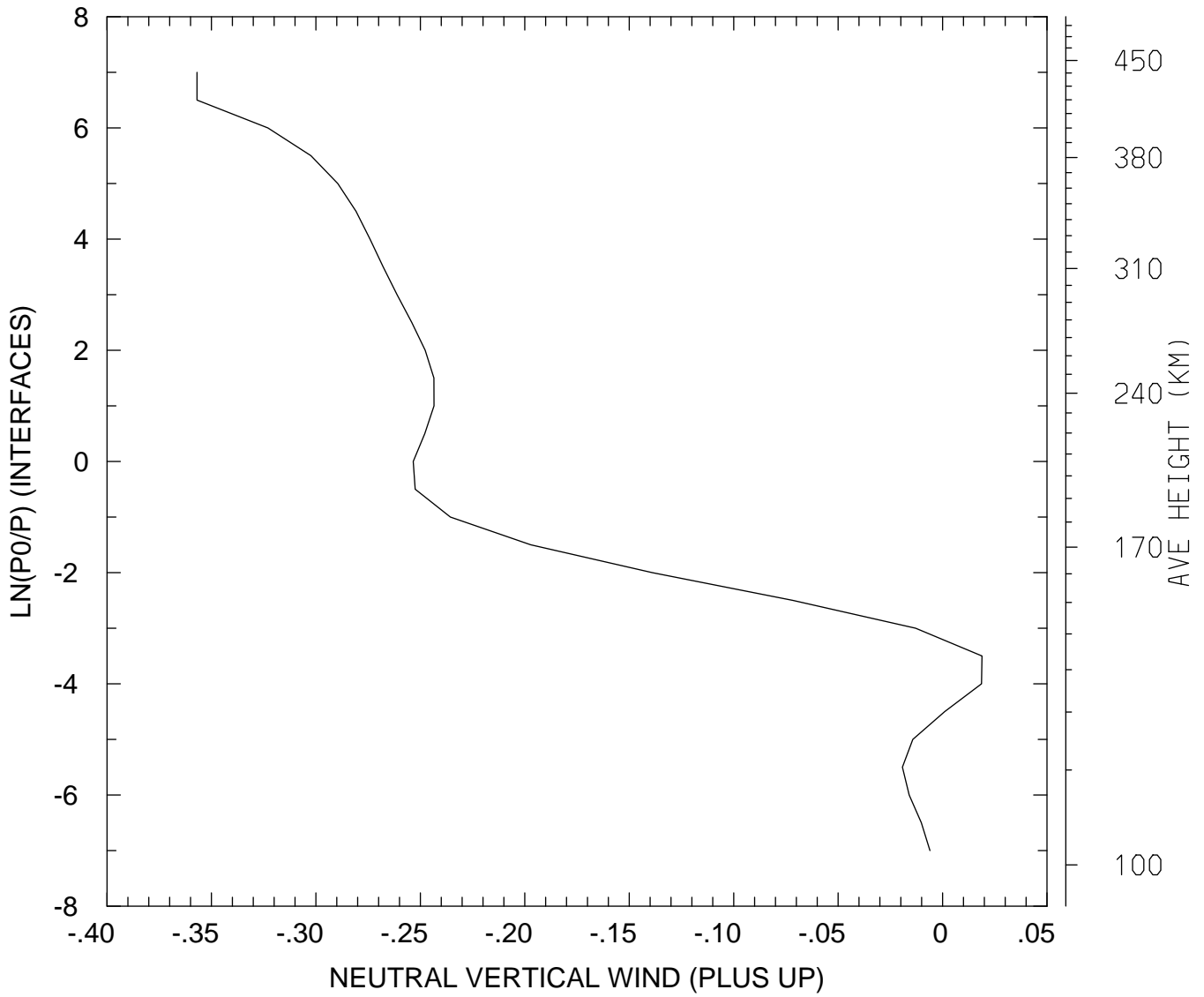
NEUTRAL MERIDIONAL WIND (M/S)  
UT= 0.00 GLOBAL MEANS



MIN,MAX= -3.6190E-01 1.2067E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

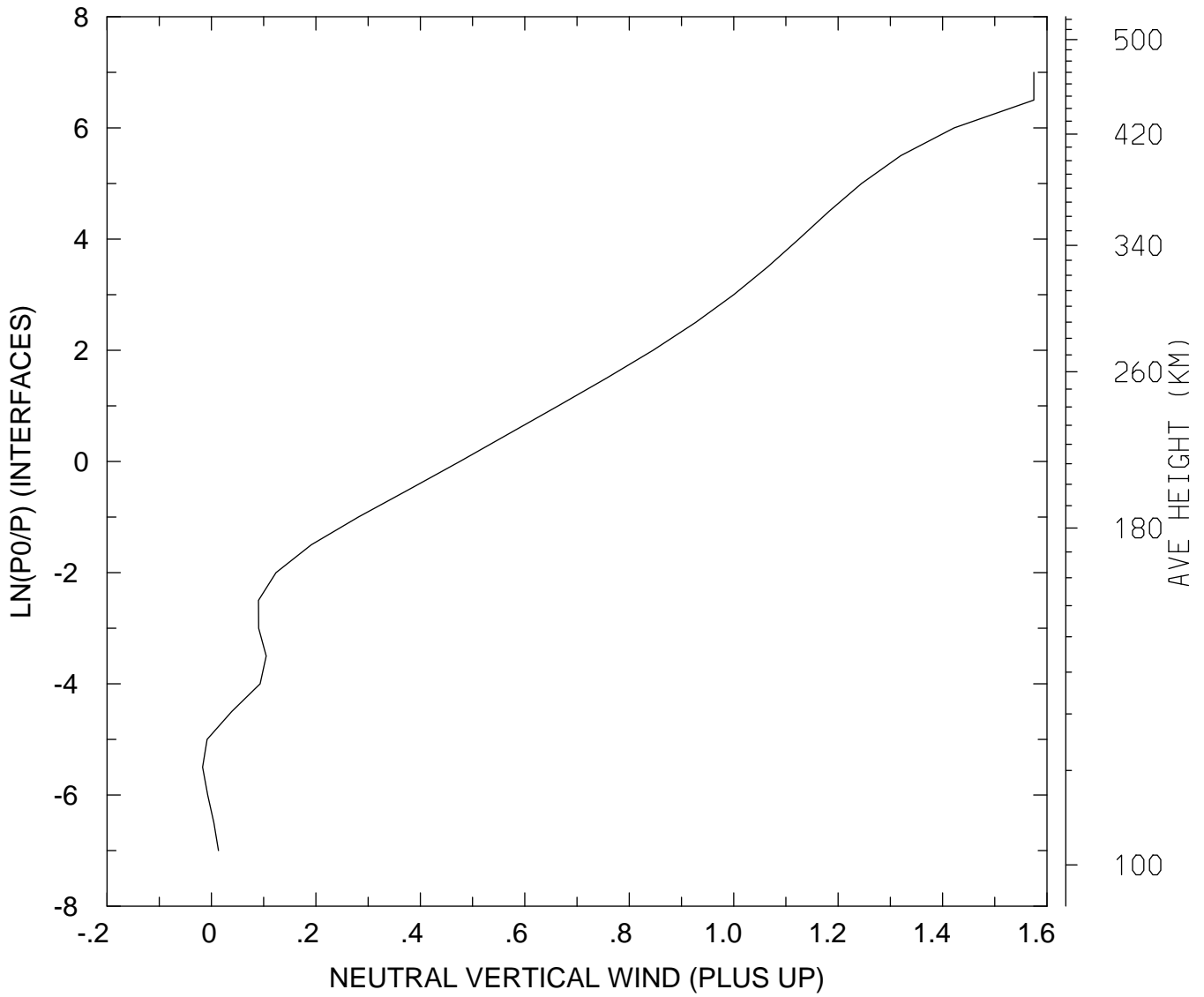


NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS)



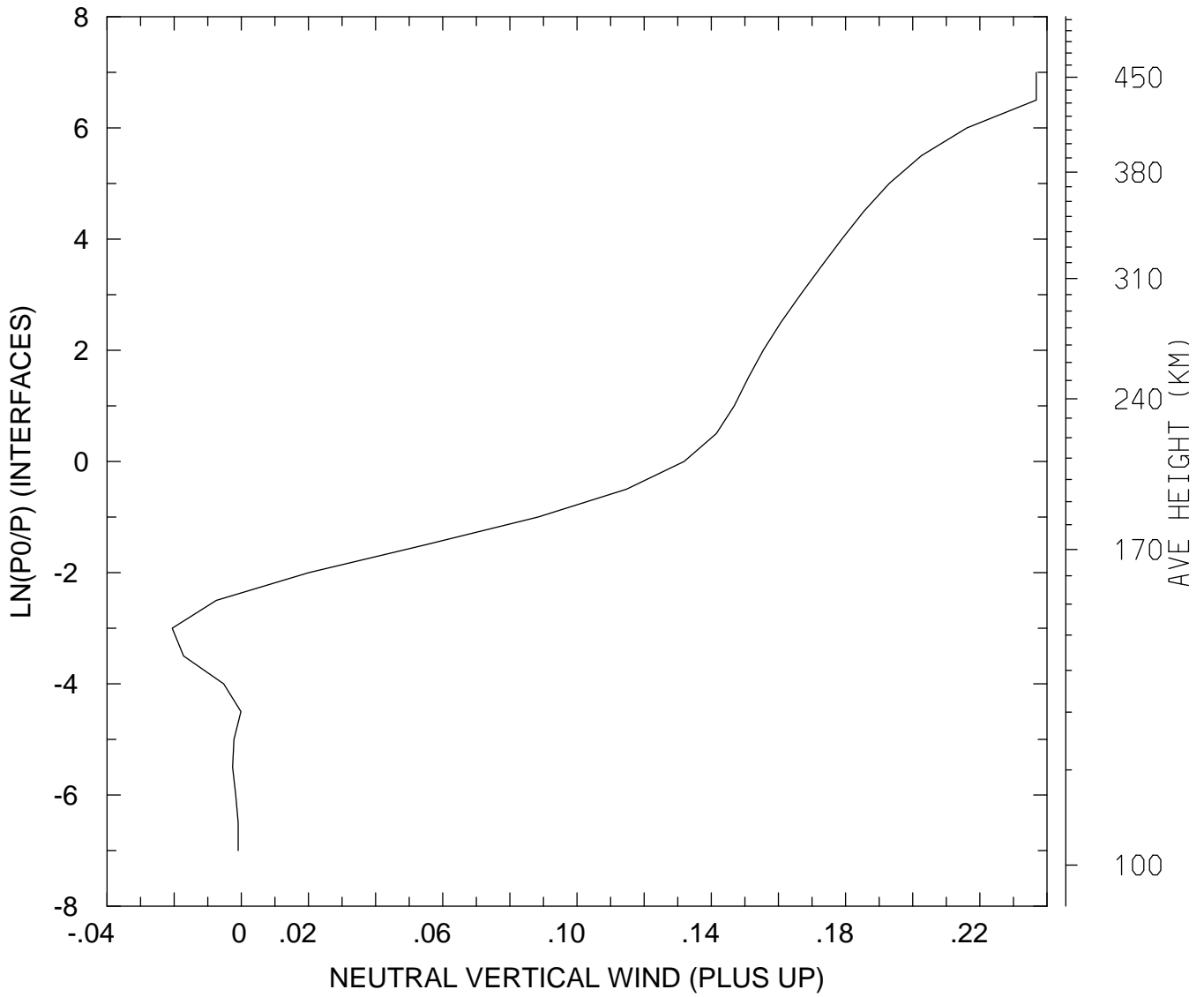
MIN,MAX= -3.5690E-01 1.8891E-02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



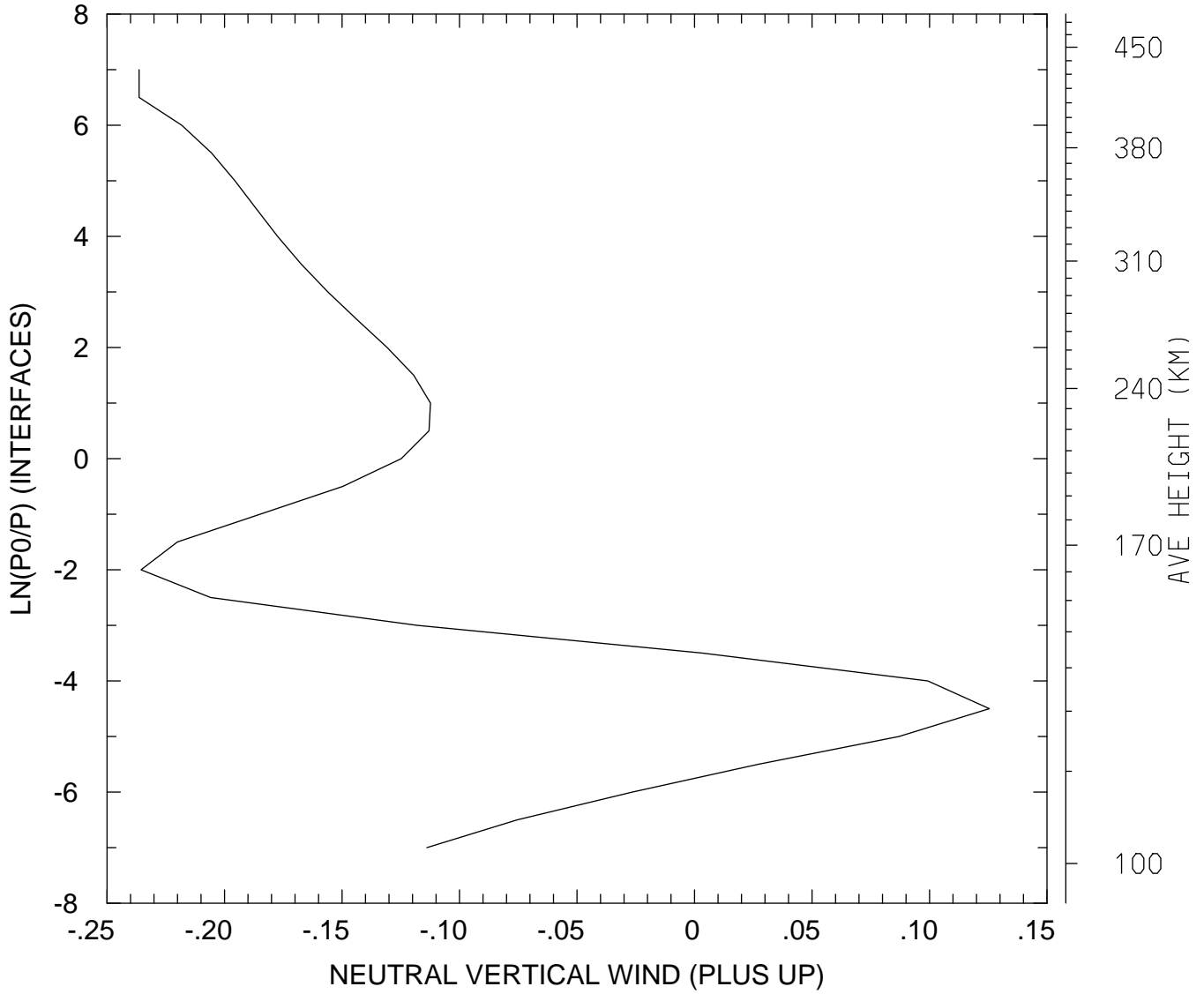
MIN,MAX= -1.7003E-02 1.5749E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



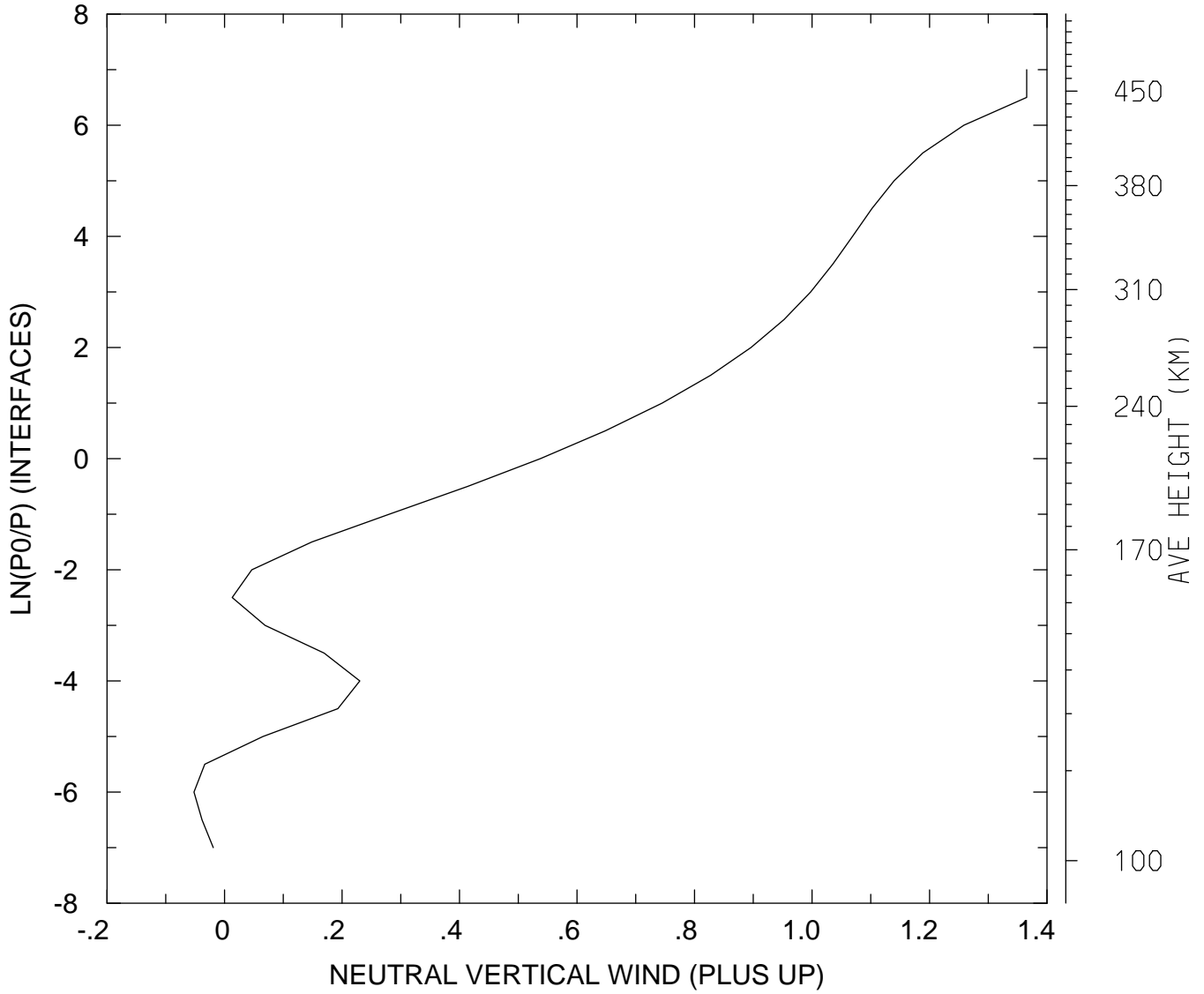
MIN,MAX= -2.0585E-02 2.3682E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



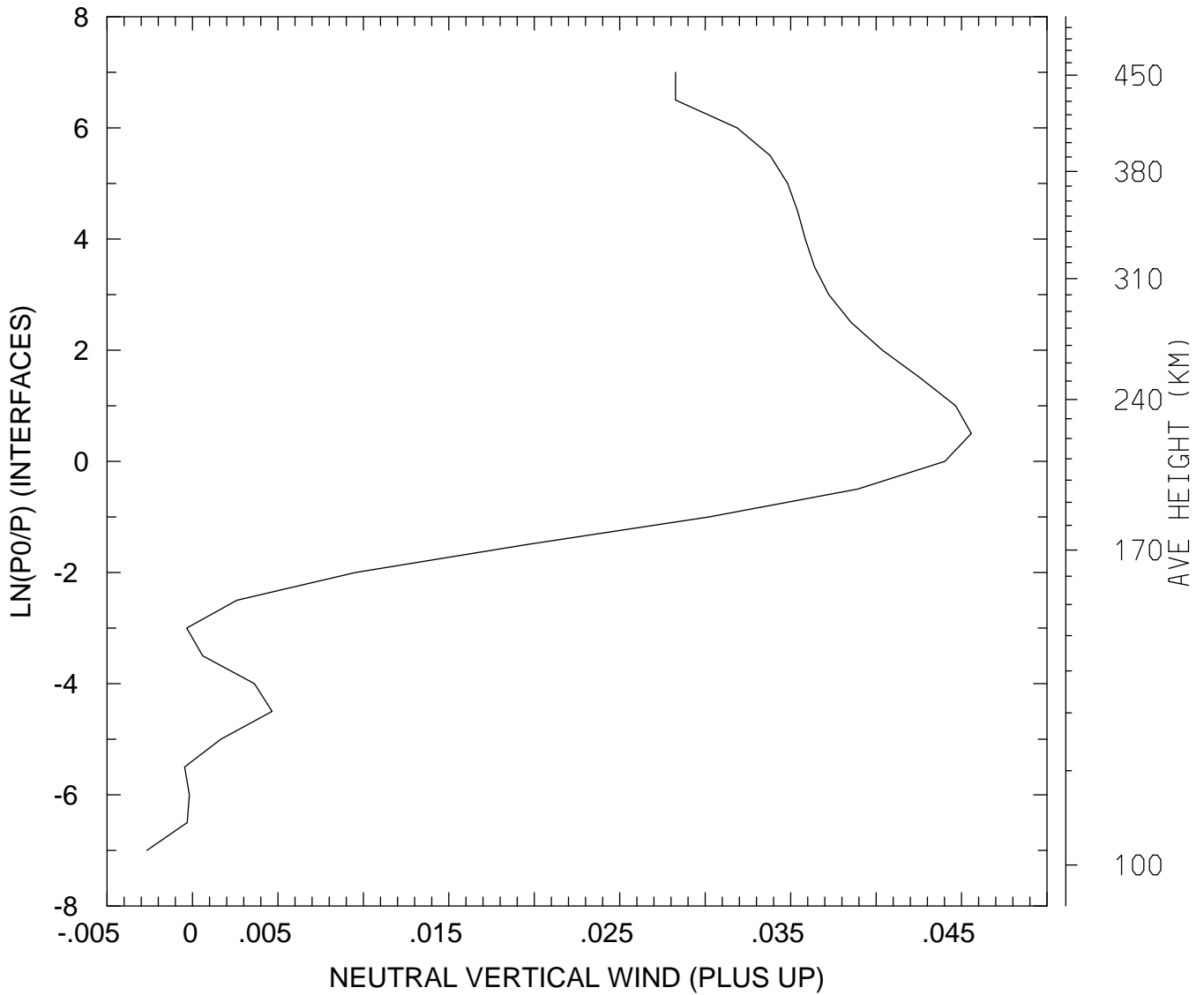
MIN,MAX= -2.3634E-01 1.2546E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



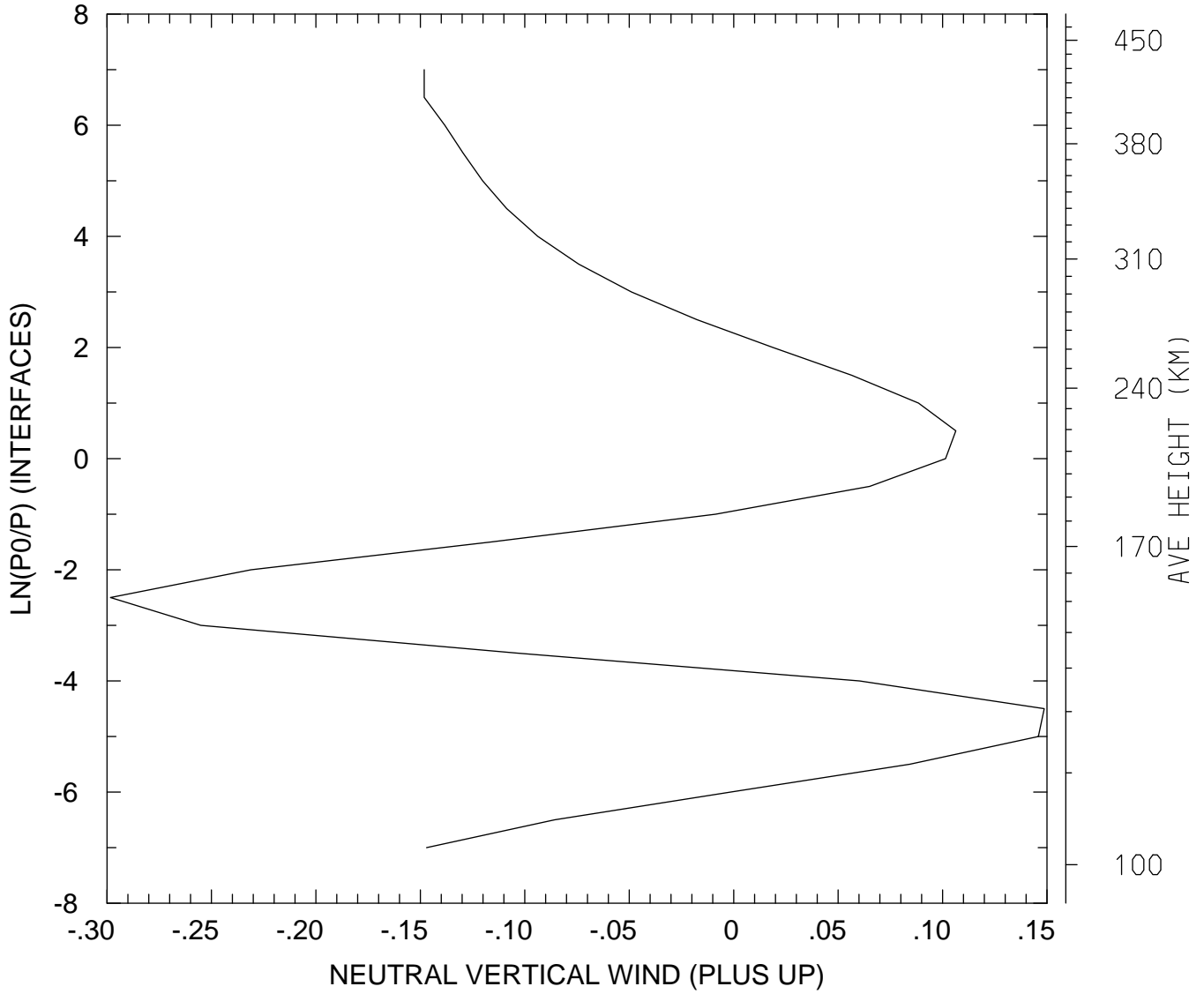
MIN,MAX= -5.1992E-02 1.3654E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



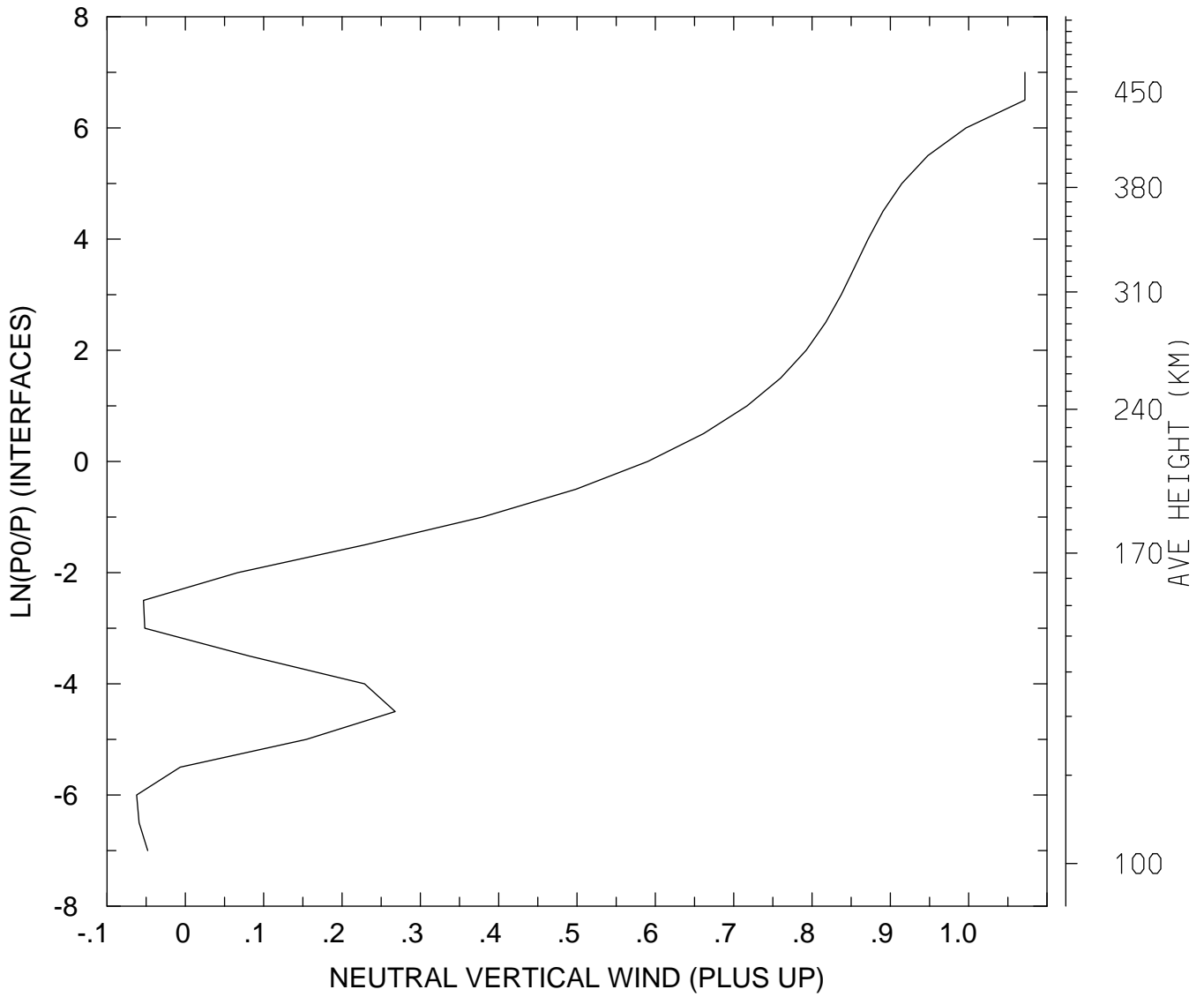
MIN,MAX= -2.6672E-03 4.5574E-02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= -2.9837E-01 1.4868E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

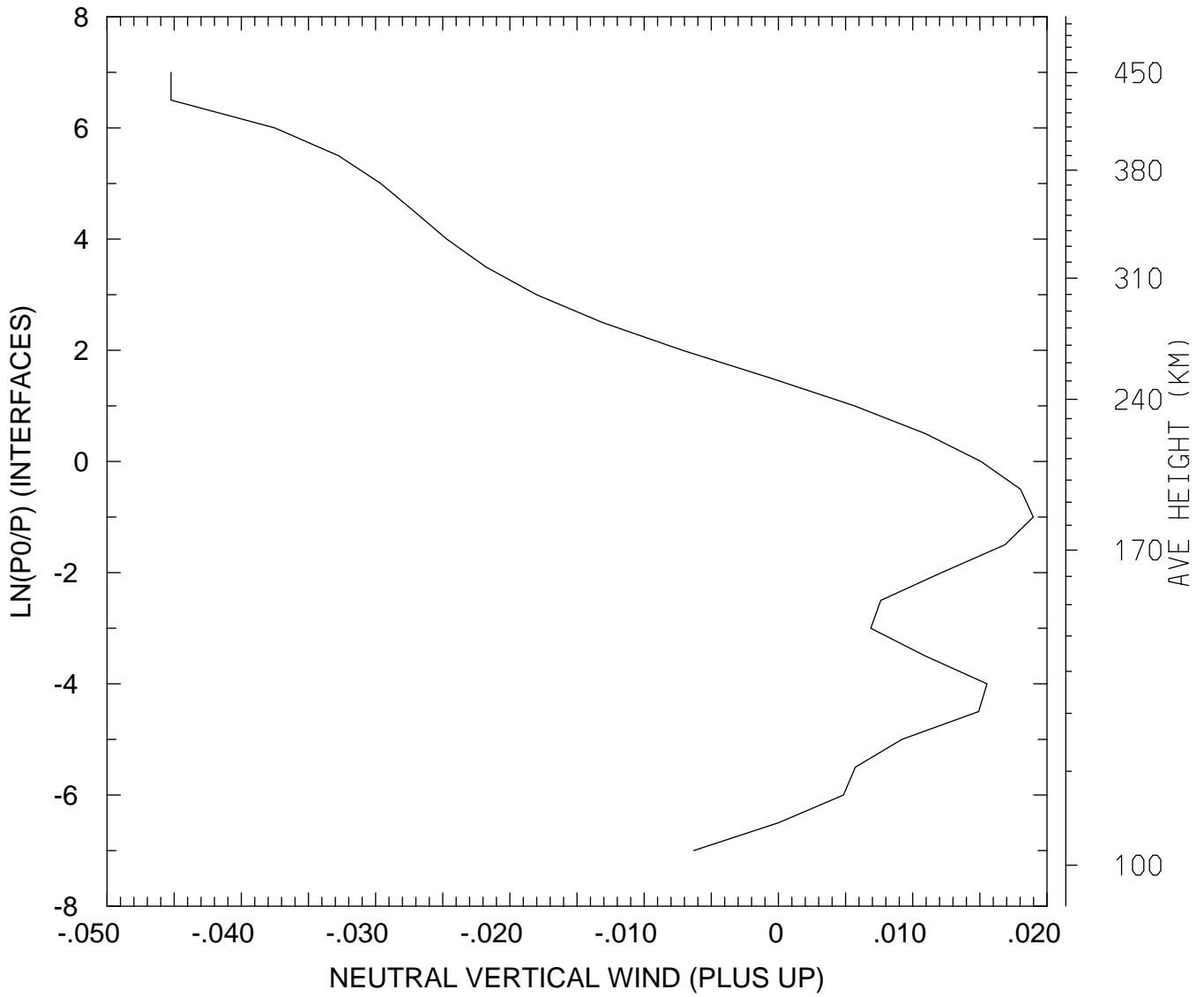
NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS)



MIN,MAX= -6.2211E-02 1.0718E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

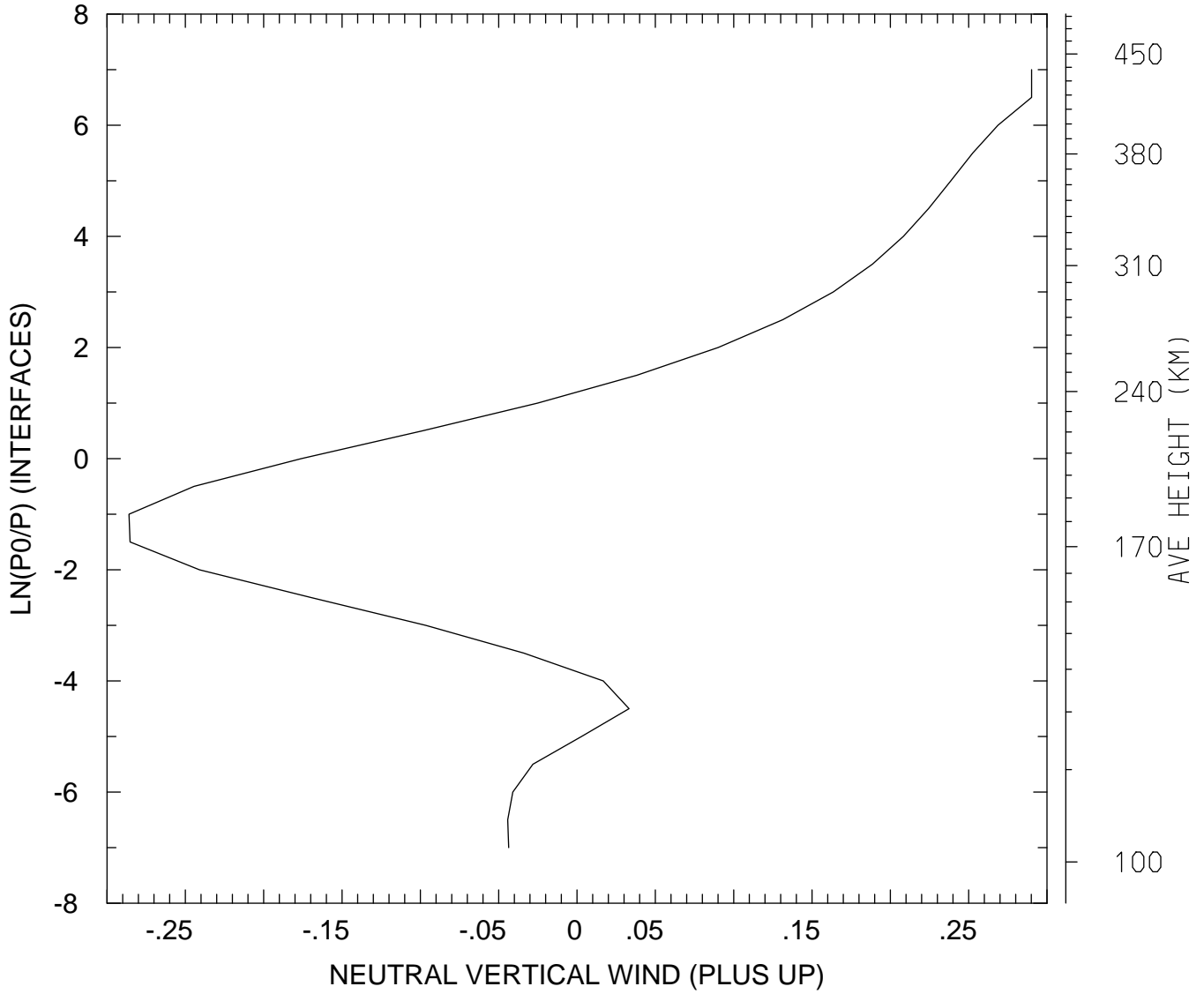


NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



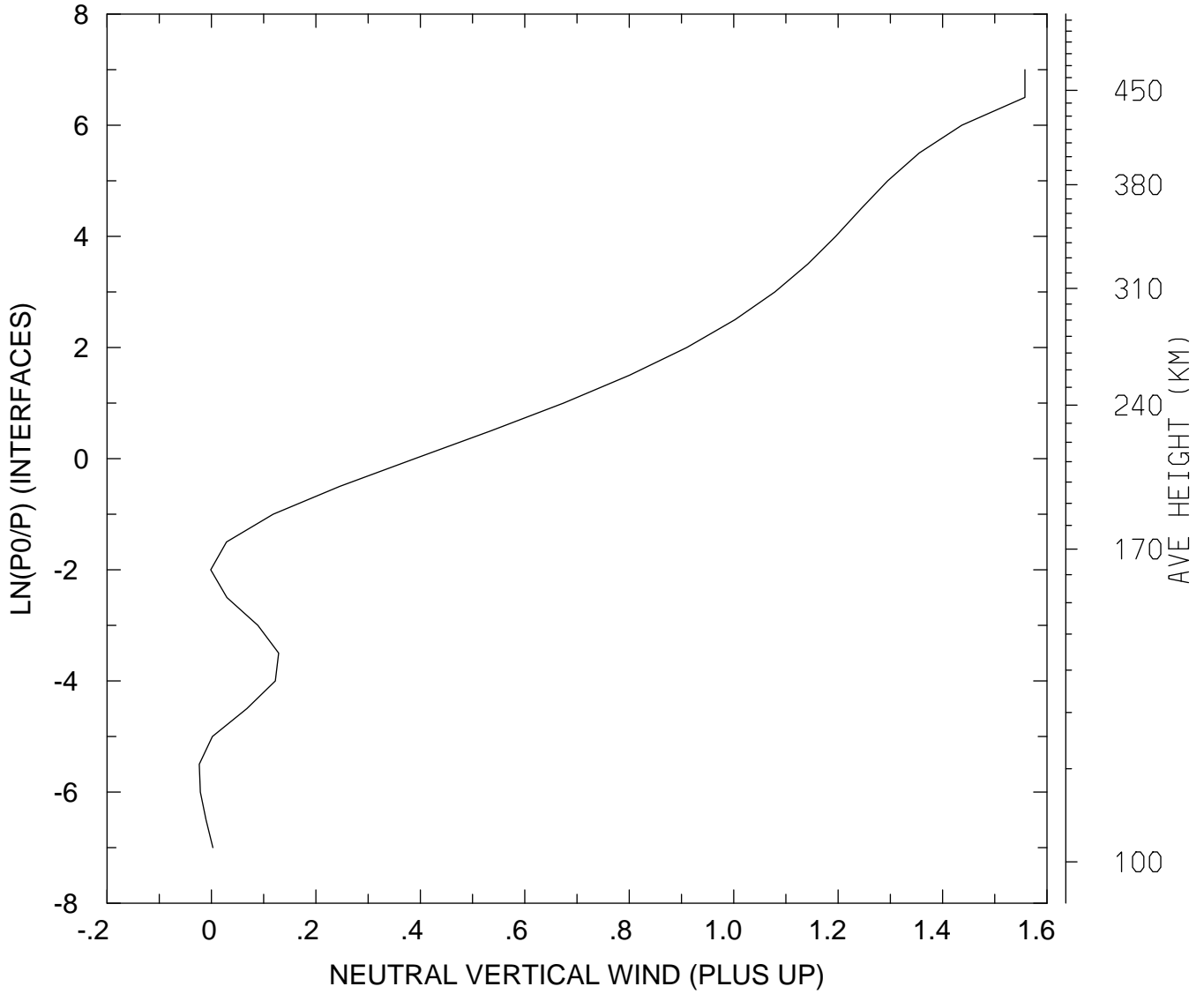
MIN,MAX= -4.5233E-02 1.8975E-02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



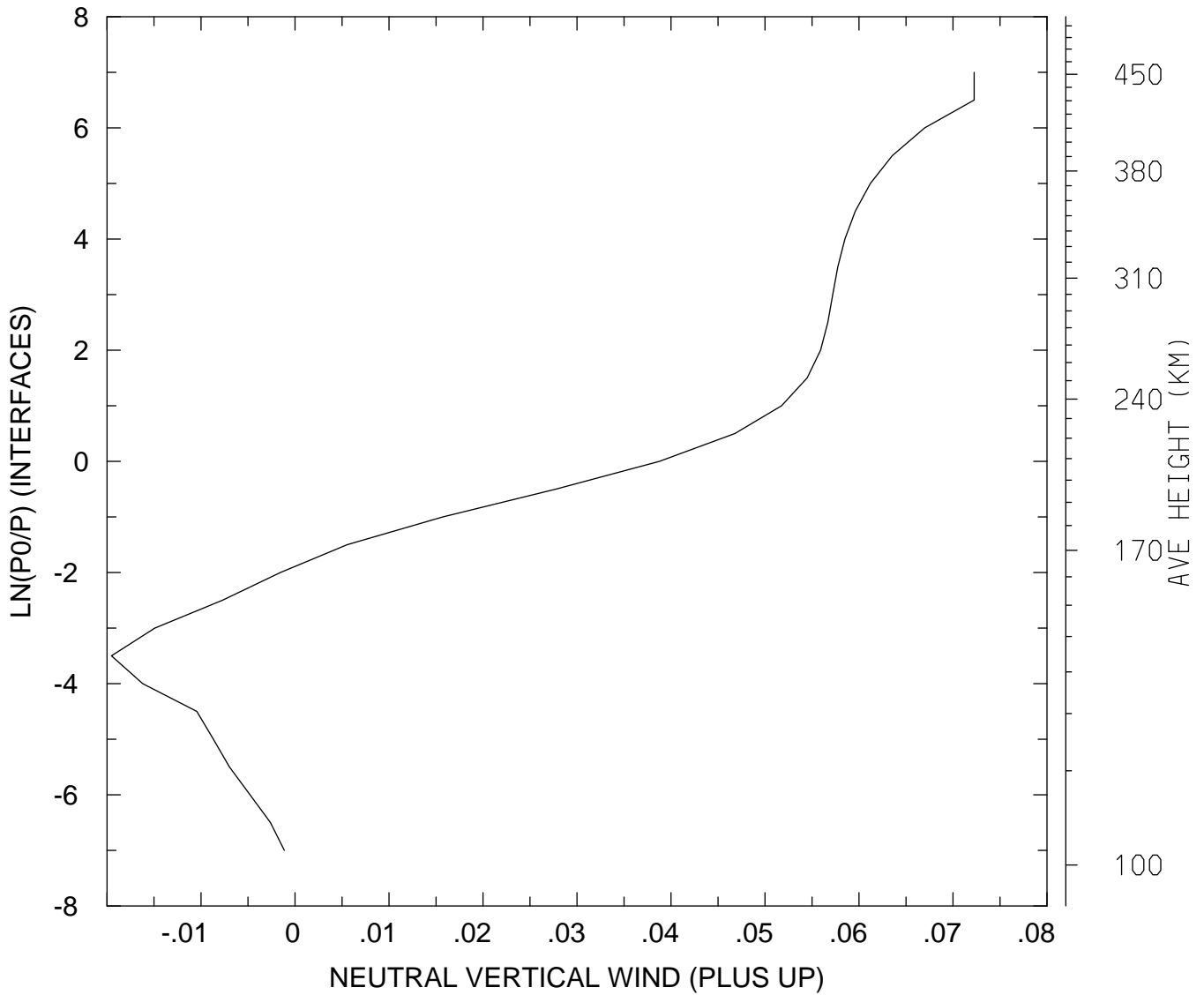
MIN,MAX= -2.8598E-01 2.9016E-01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



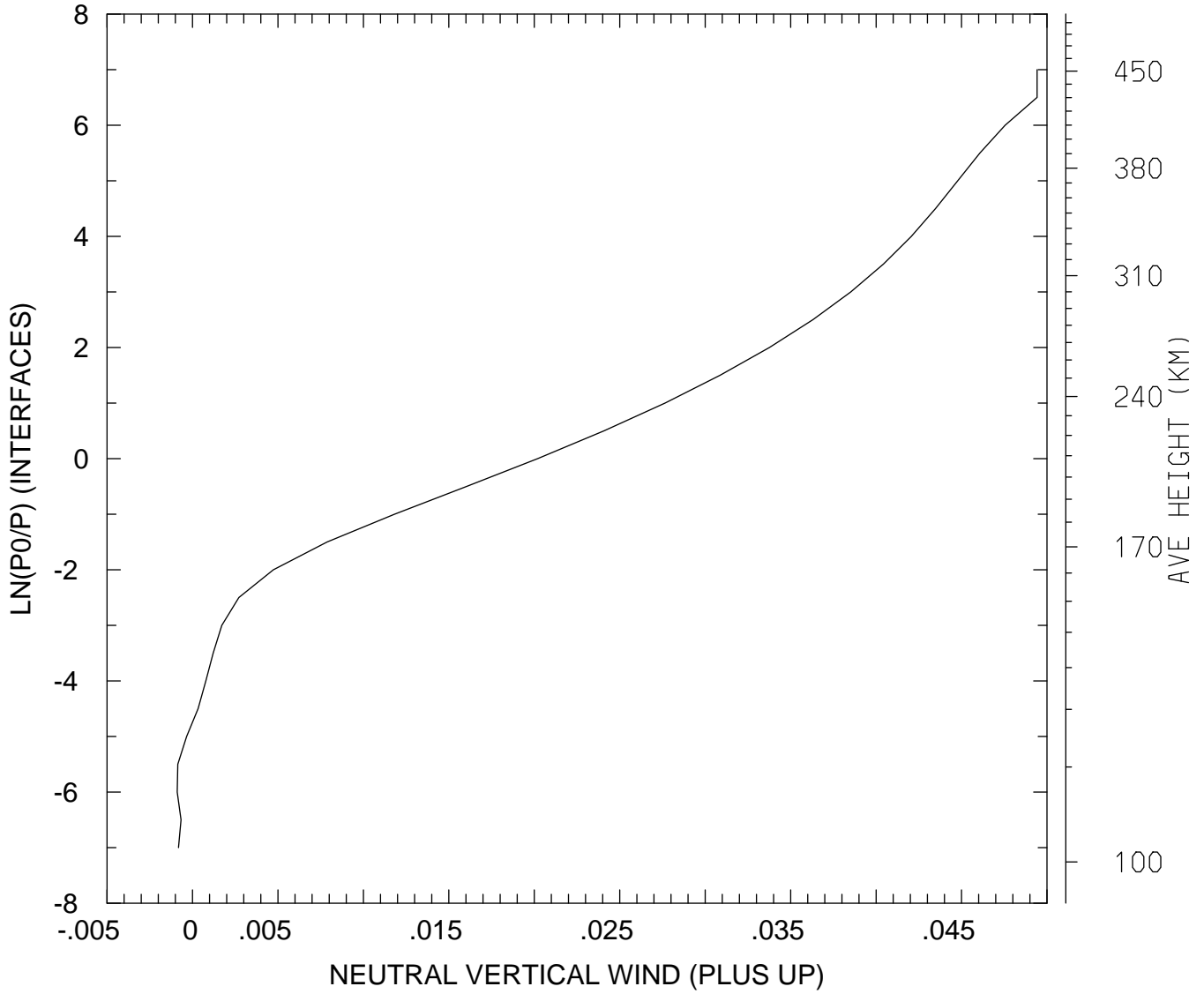
MIN,MAX= -2.3334E-02 1.5578E+00  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



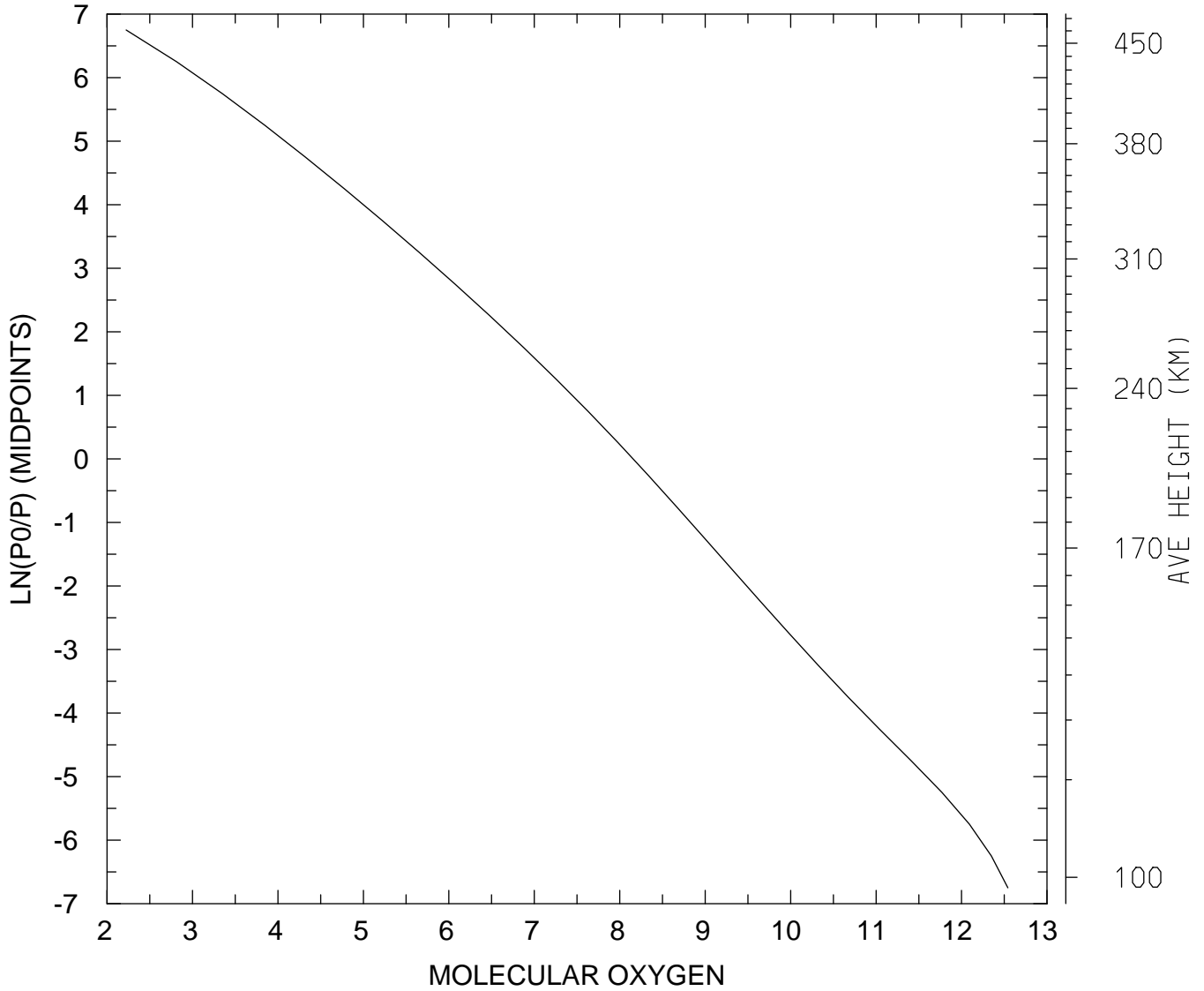
MIN,MAX= -1.9523E-02 7.2246E-02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



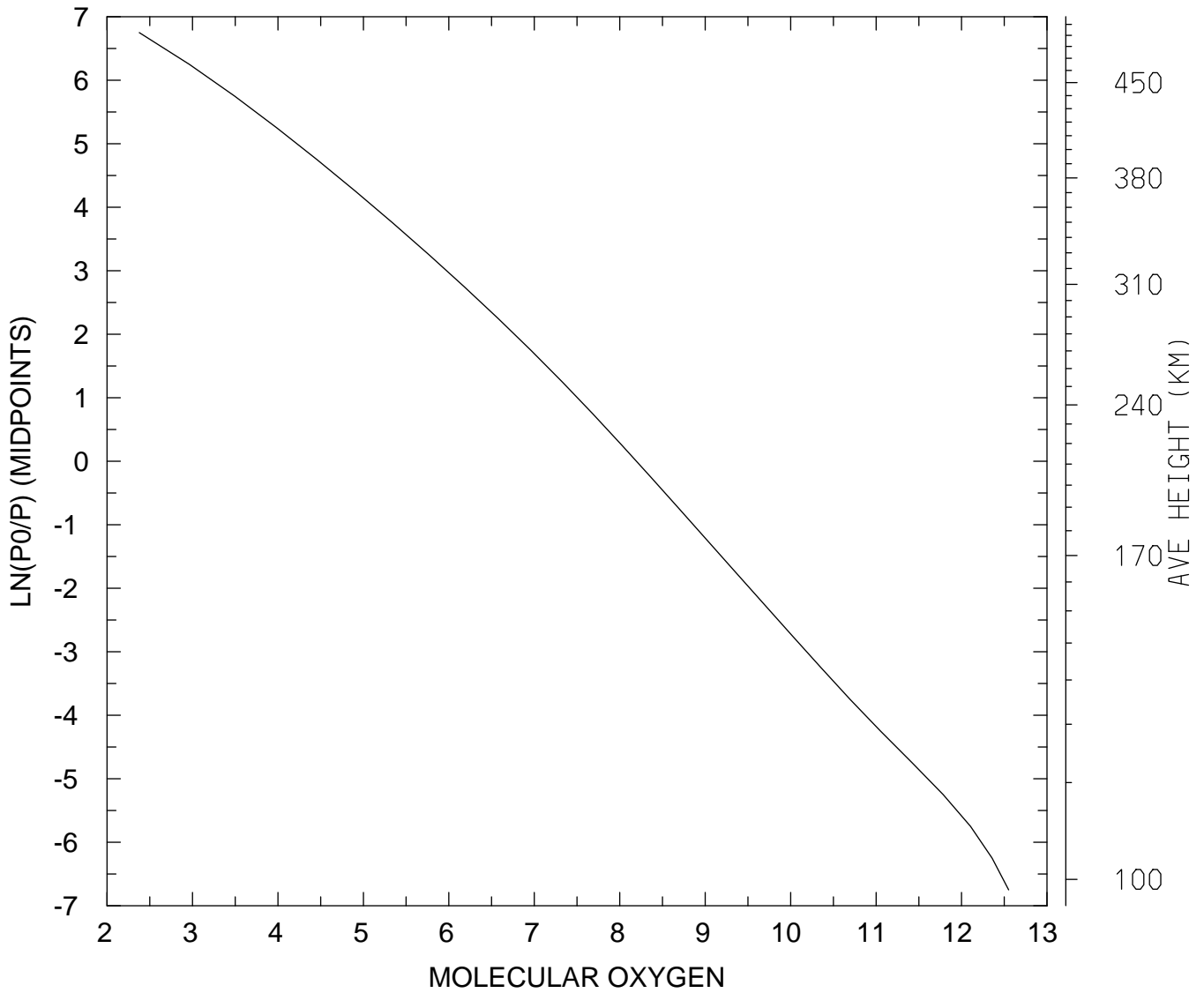
MIN,MAX= -8.9521E-04 4.9420E-02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



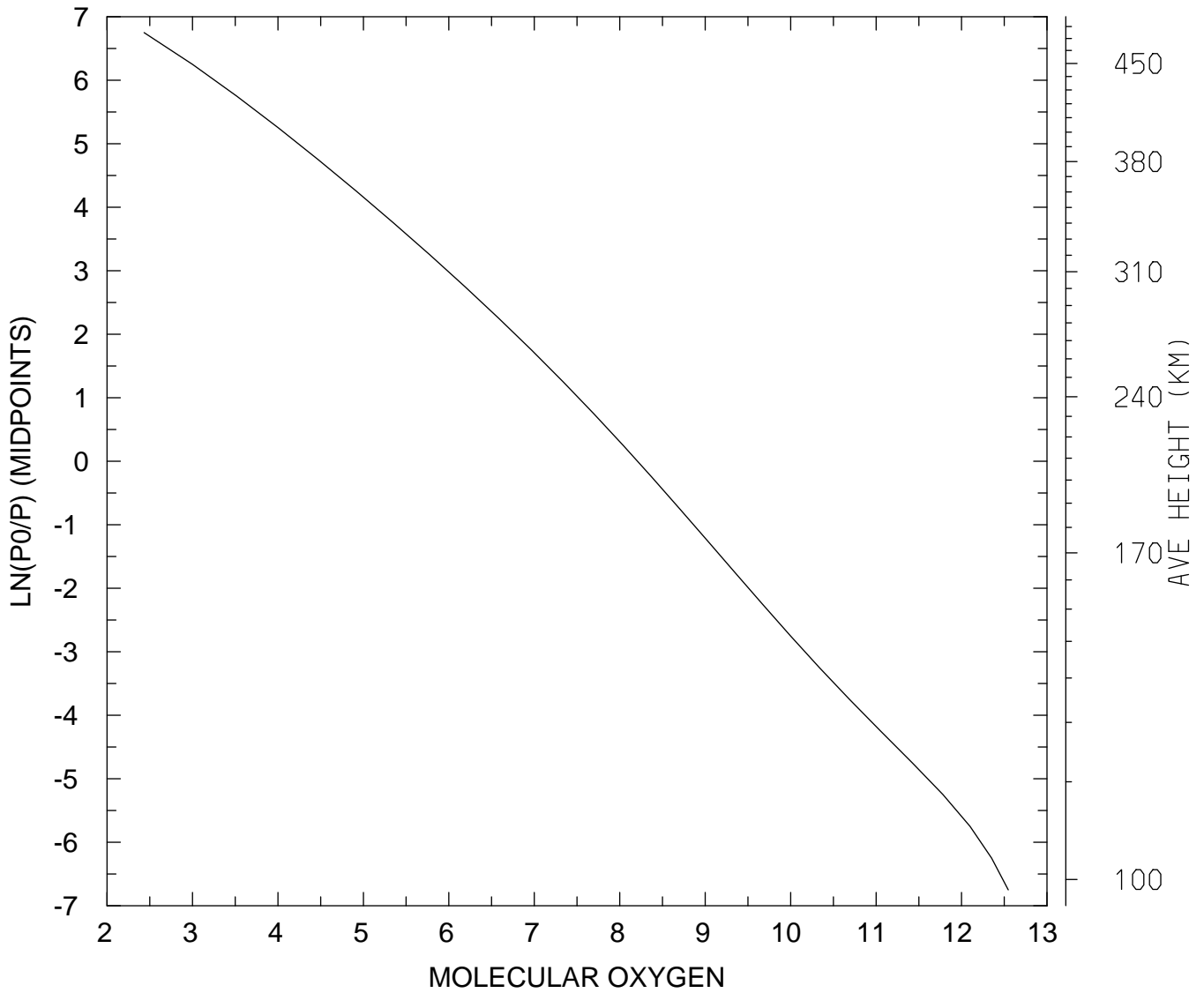
MIN,MAX= 1.6715E+02 3.4883E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 2.3878E+02 3.5607E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

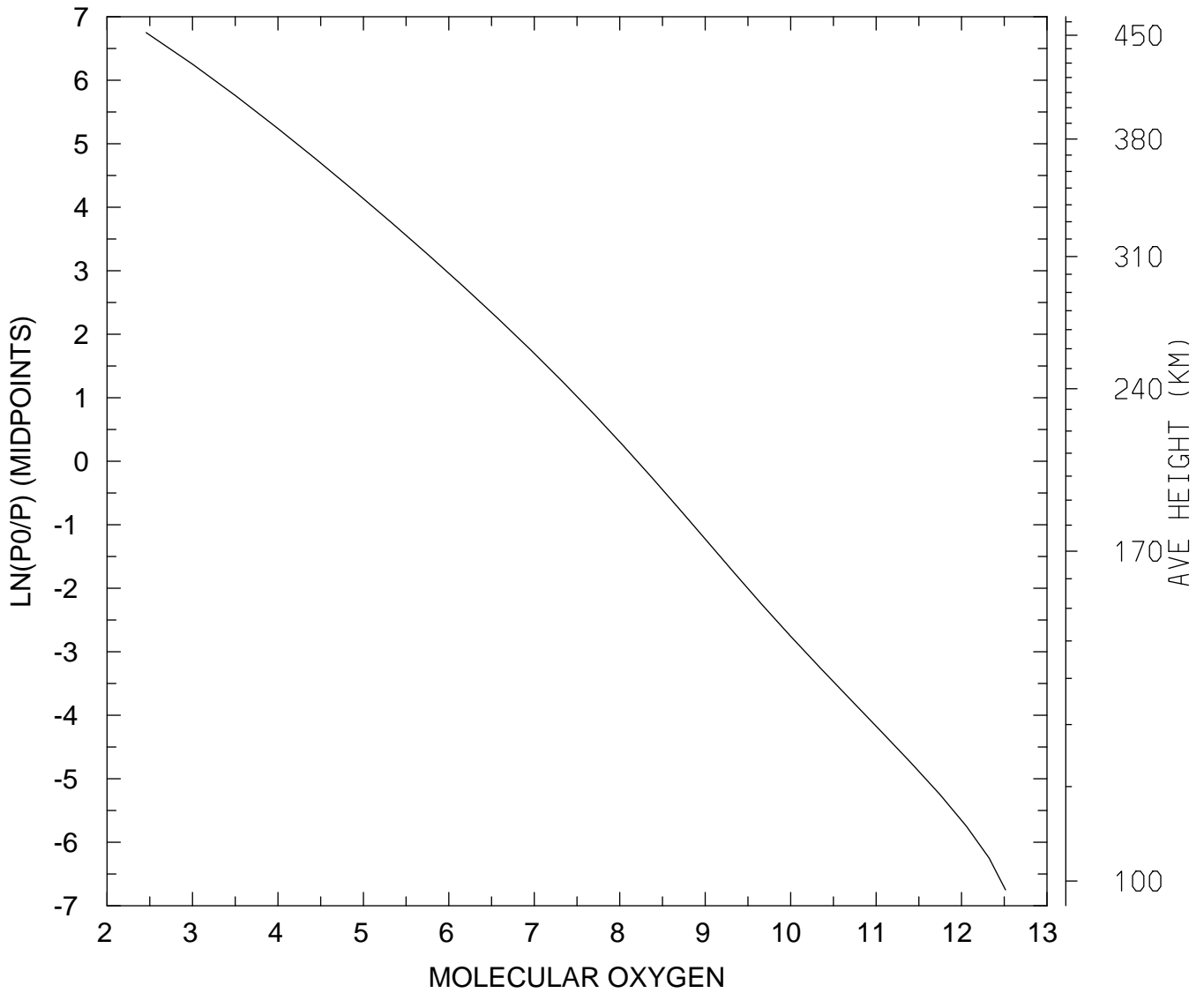
LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



MIN,MAX= 2.7162E+02 3.5187E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

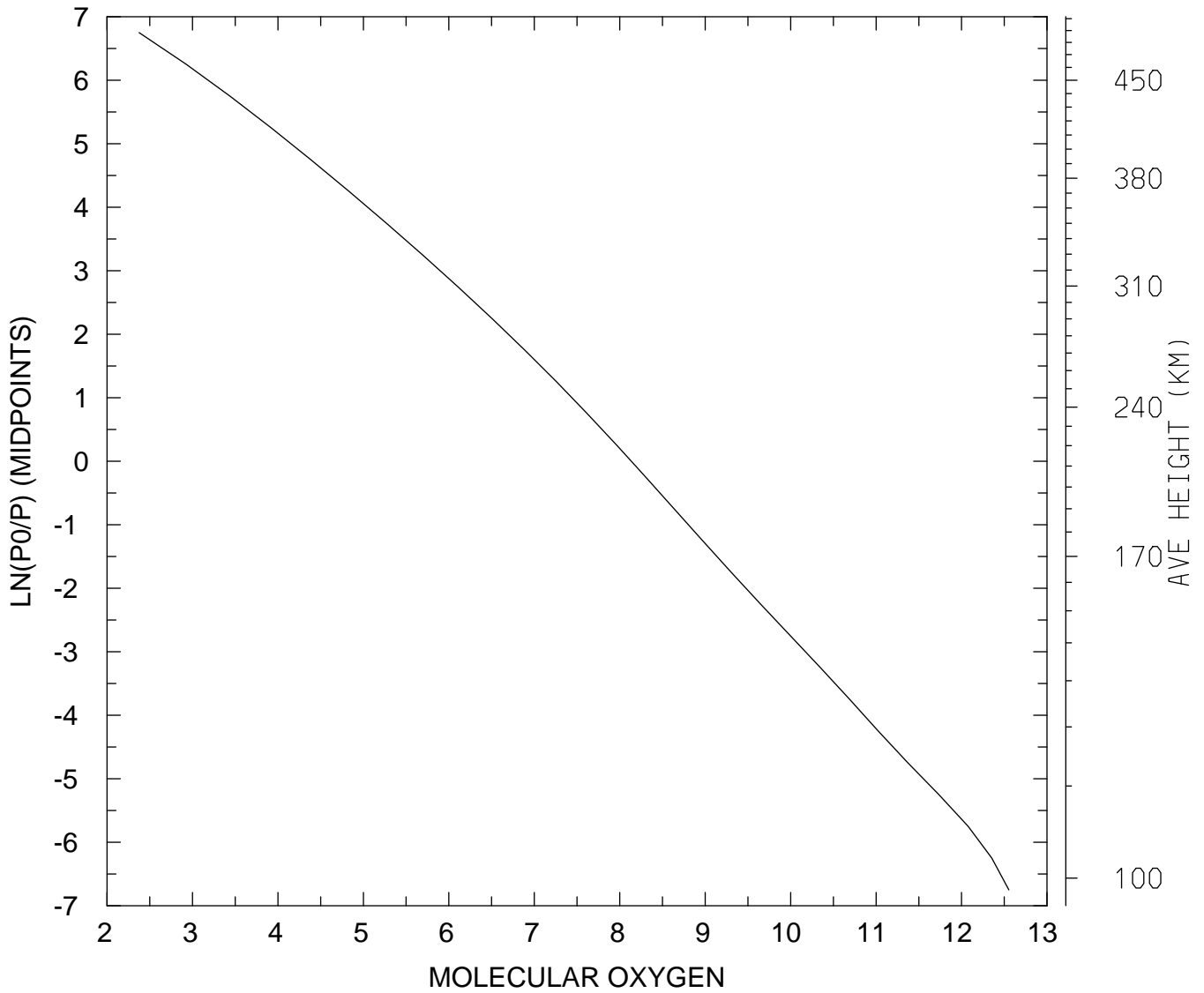


LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



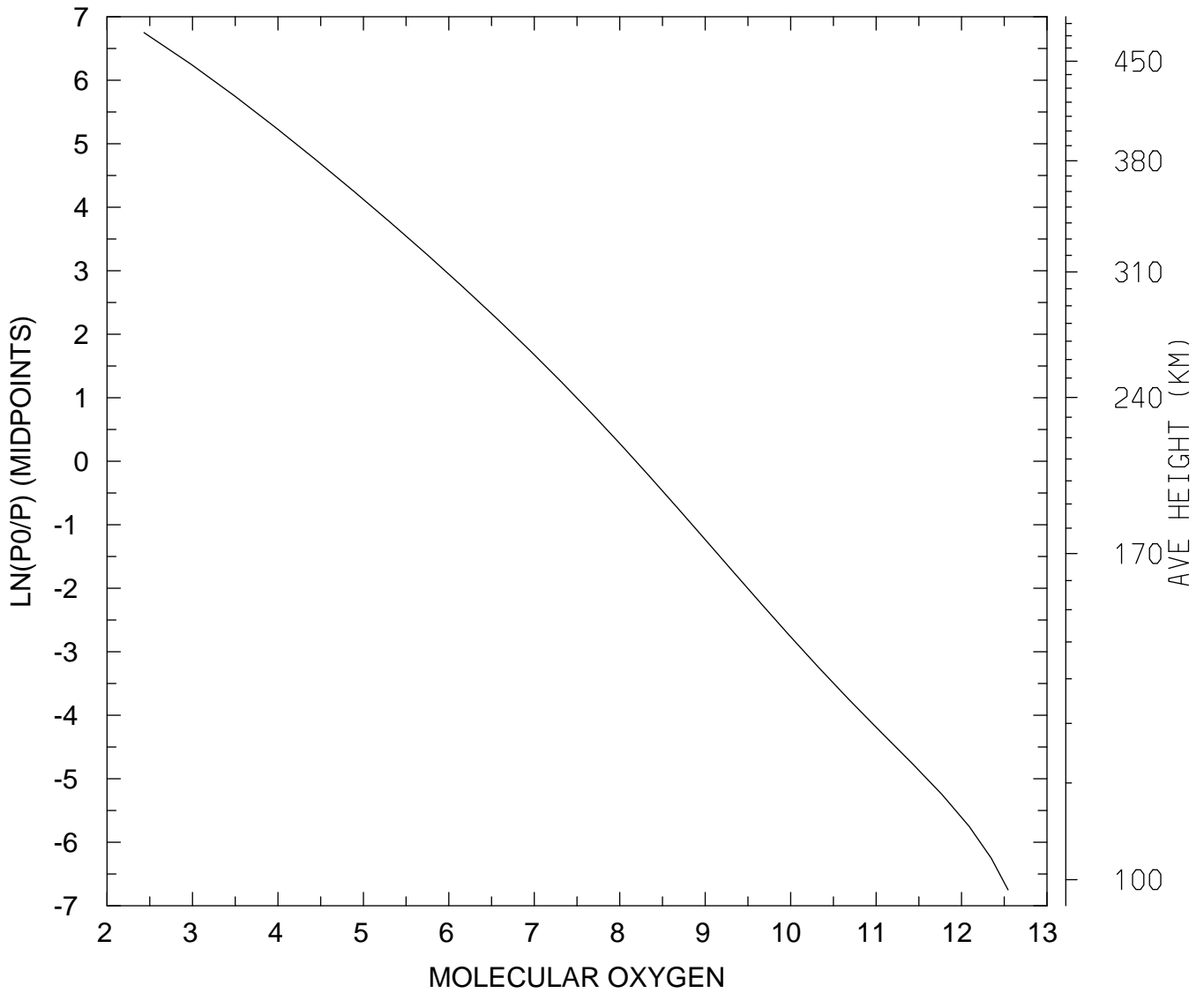
MIN,MAX= 2.8693E+02 3.2715E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



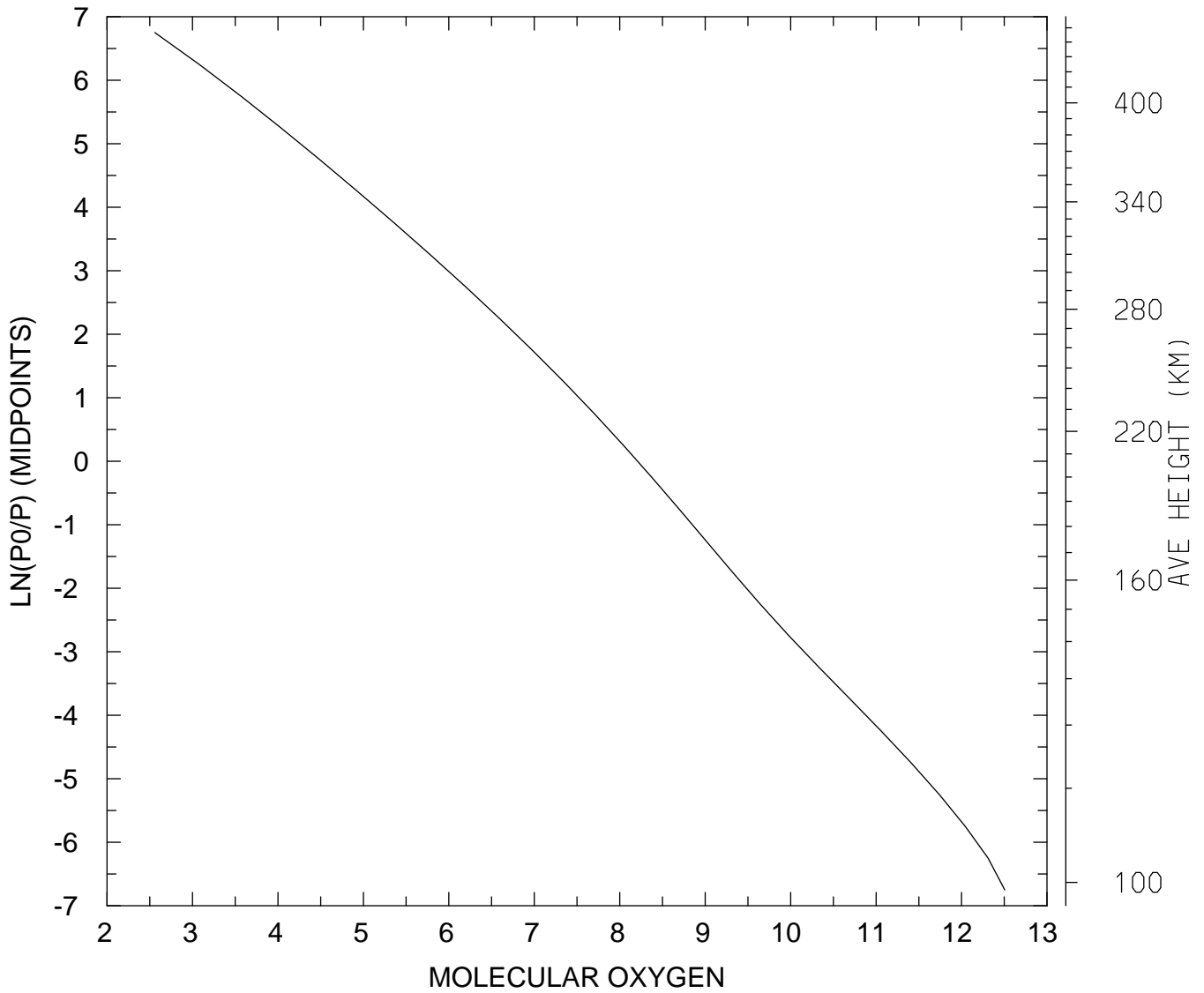
MIN,MAX= 2.3735E+02 3.5742E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



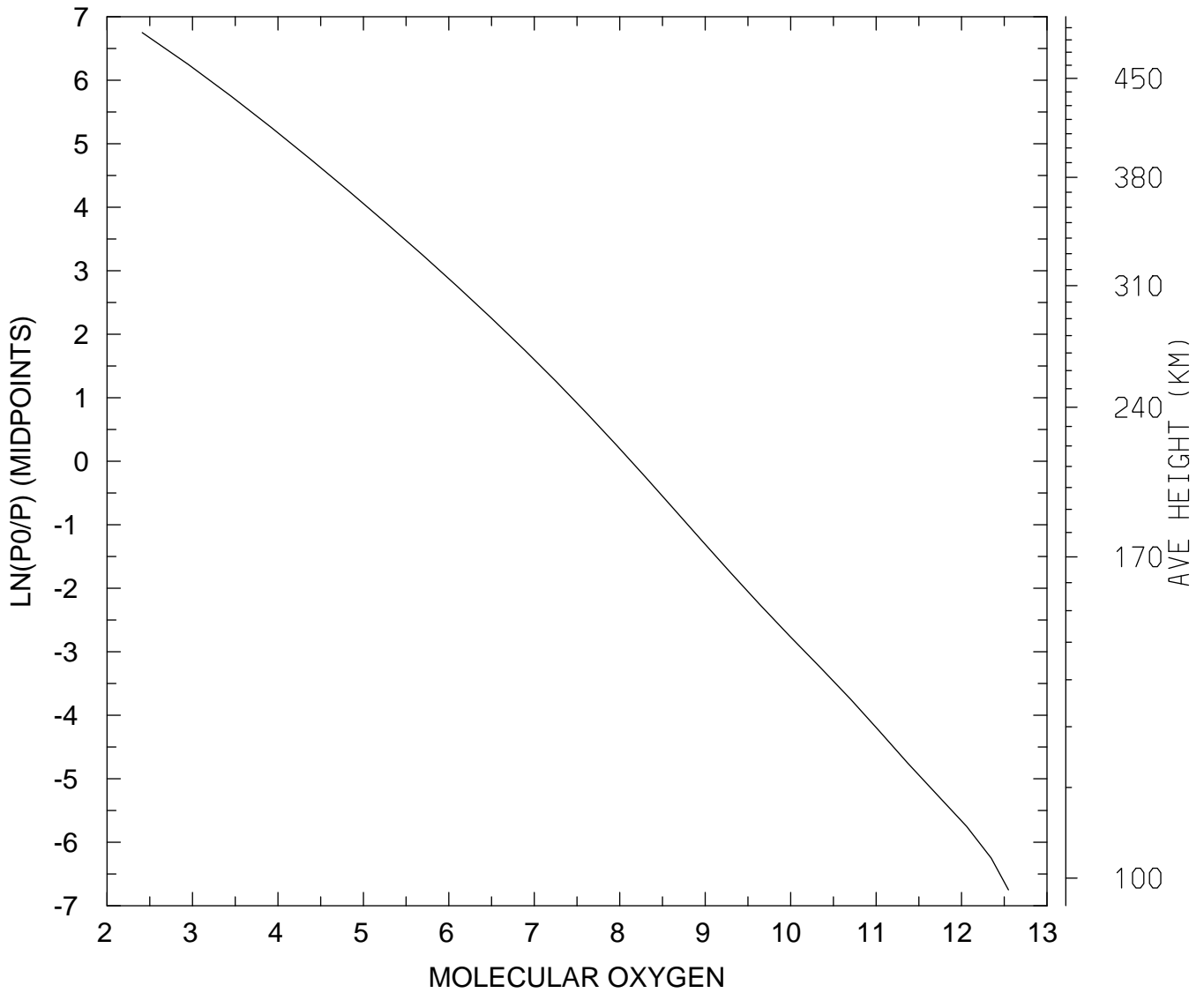
MIN,MAX= 2.7082E+02 3.5026E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



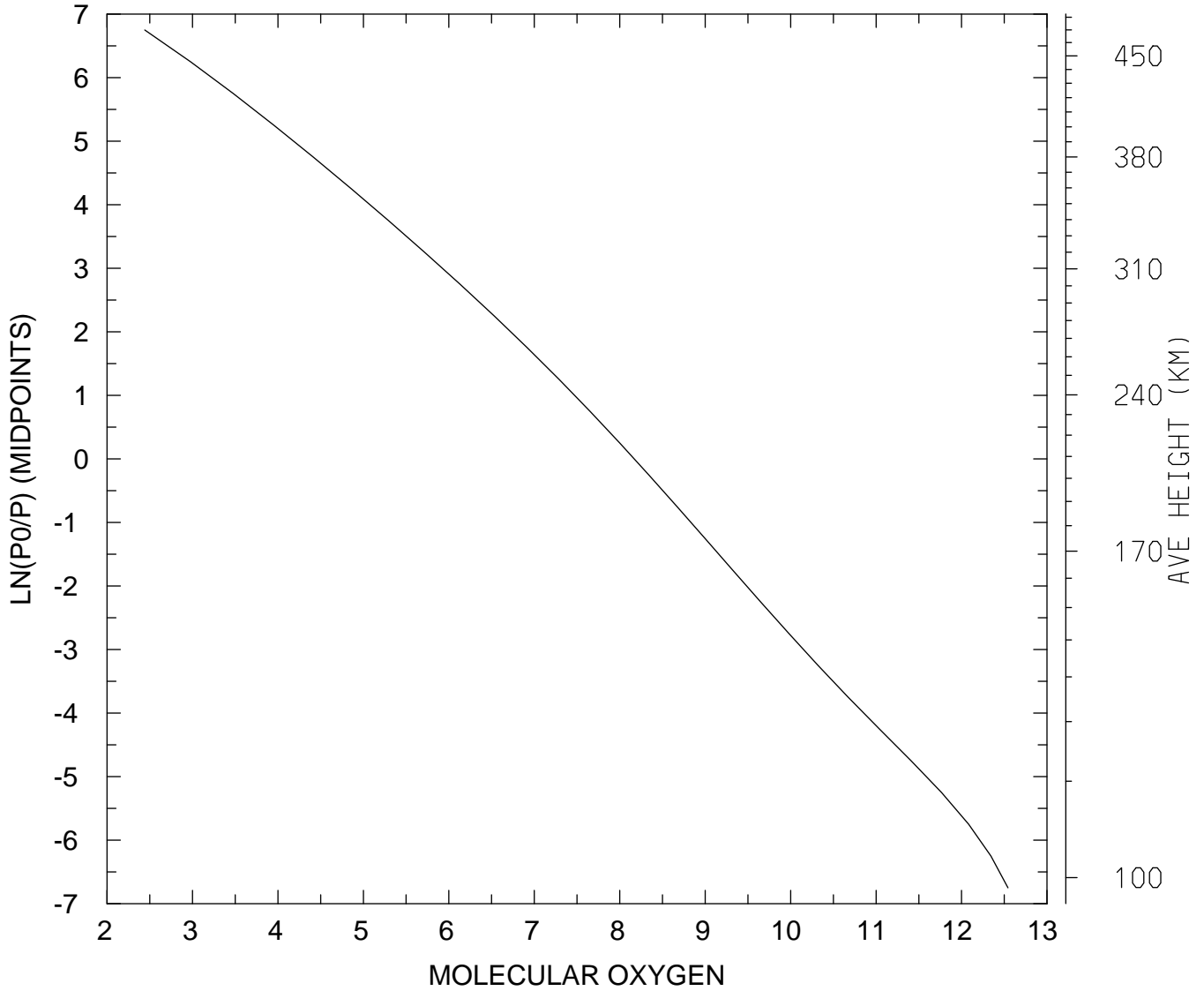
MIN,MAX= 3.6315E+02 3.2048E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



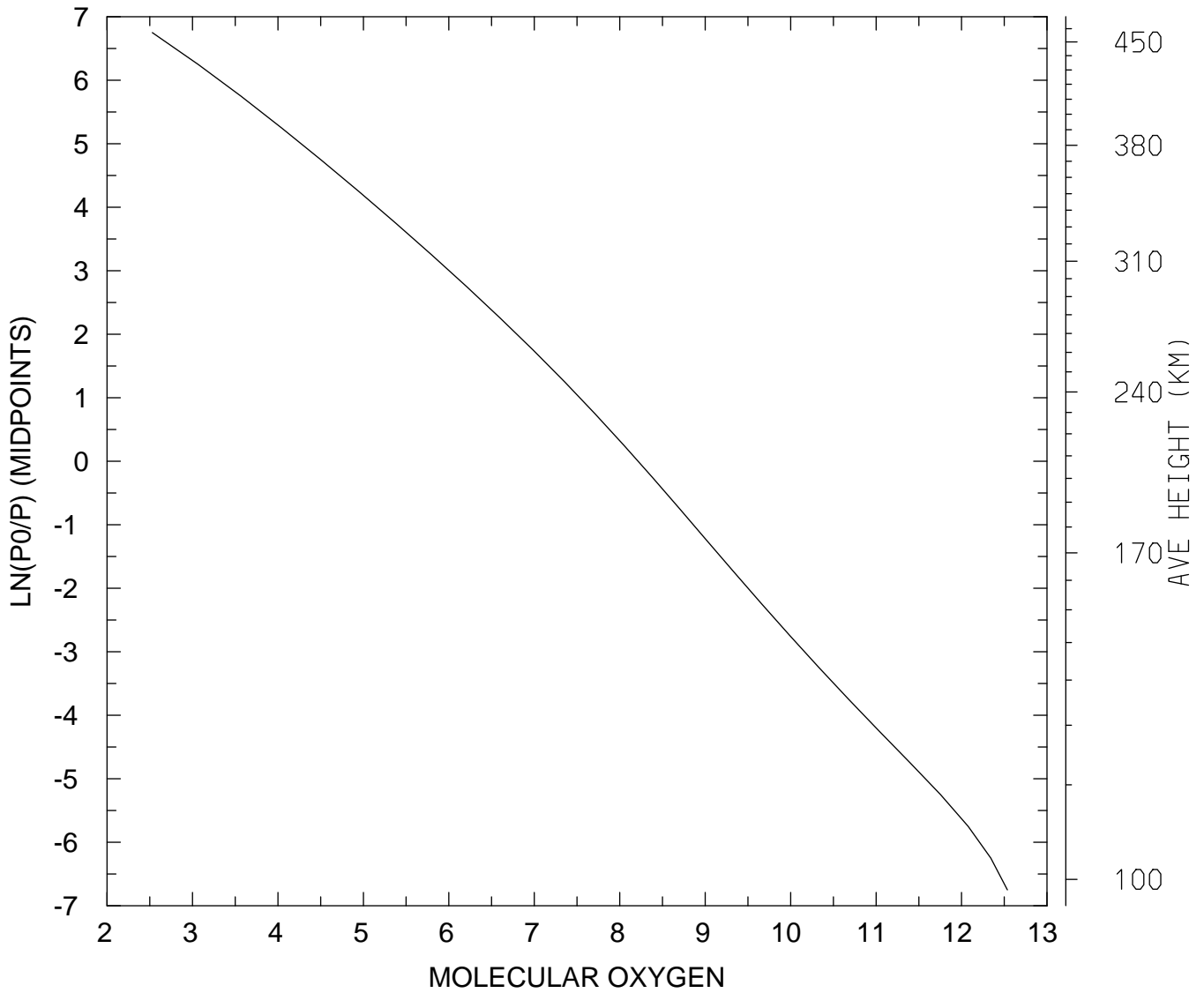
MIN,MAX= 2.5792E+02 3.5388E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



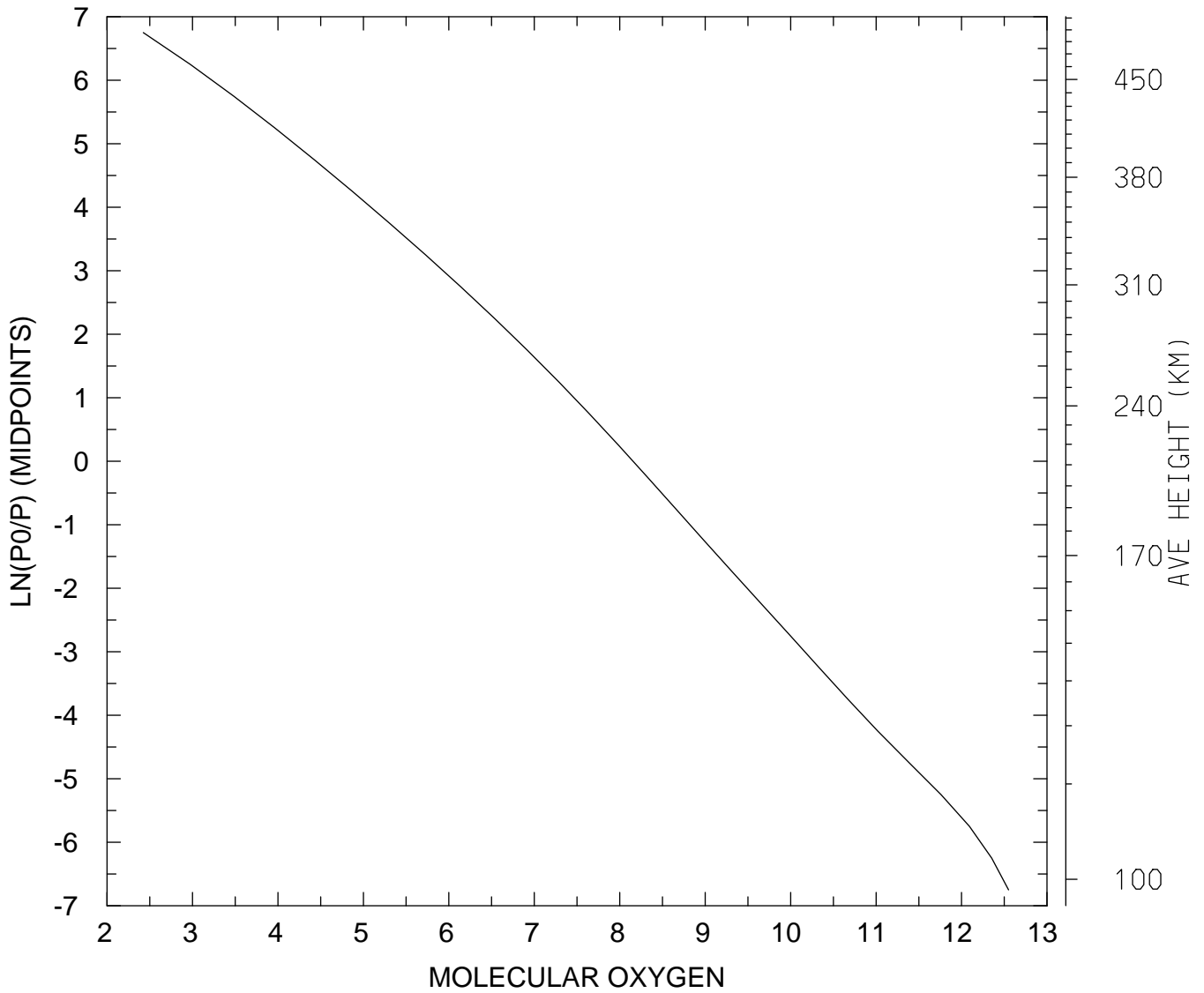
MIN,MAX= 2.7653E+02 3.4926E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 3.3828E+02 3.4404E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

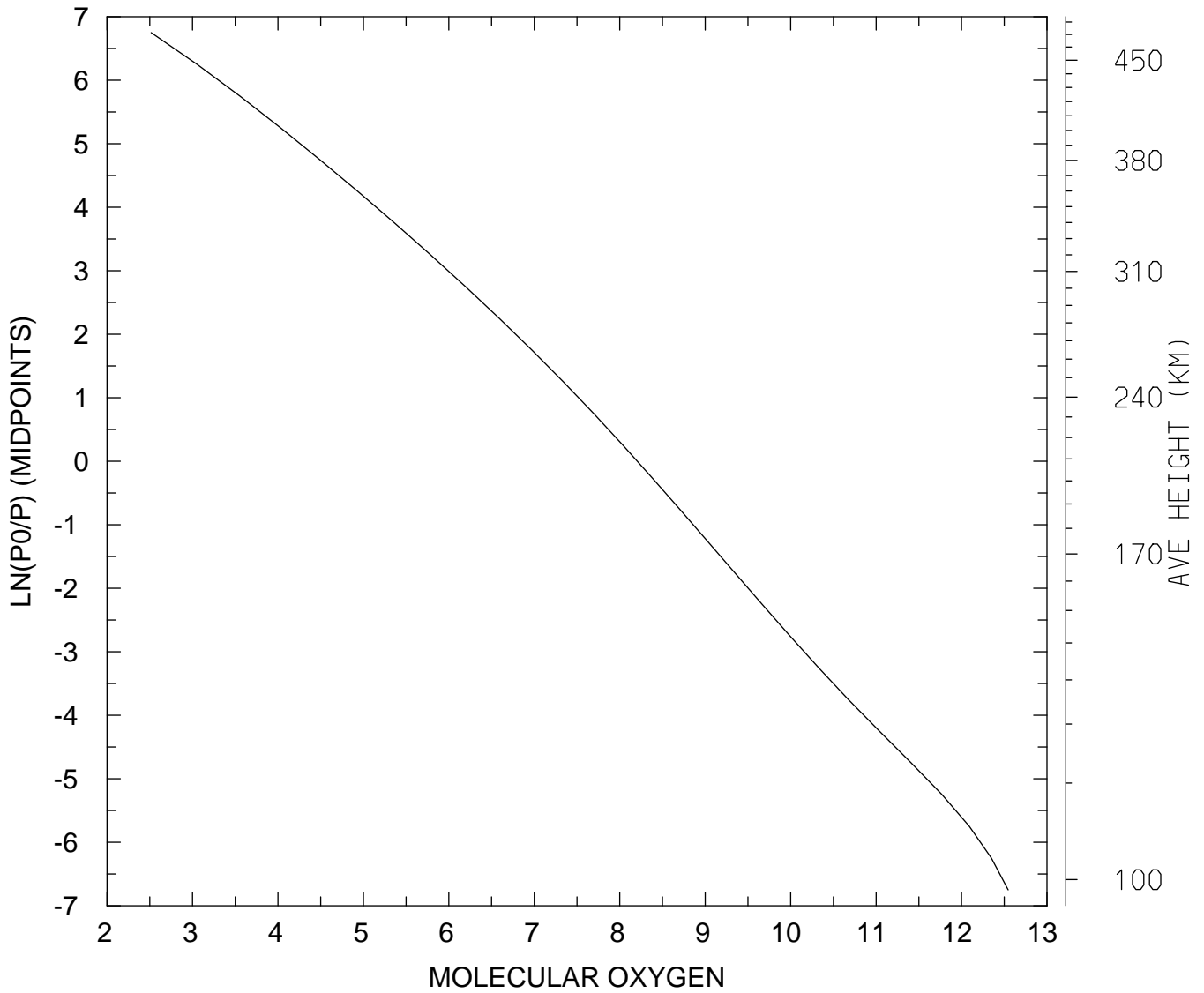
LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



MIN,MAX= 2.6571E+02 3.5491E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

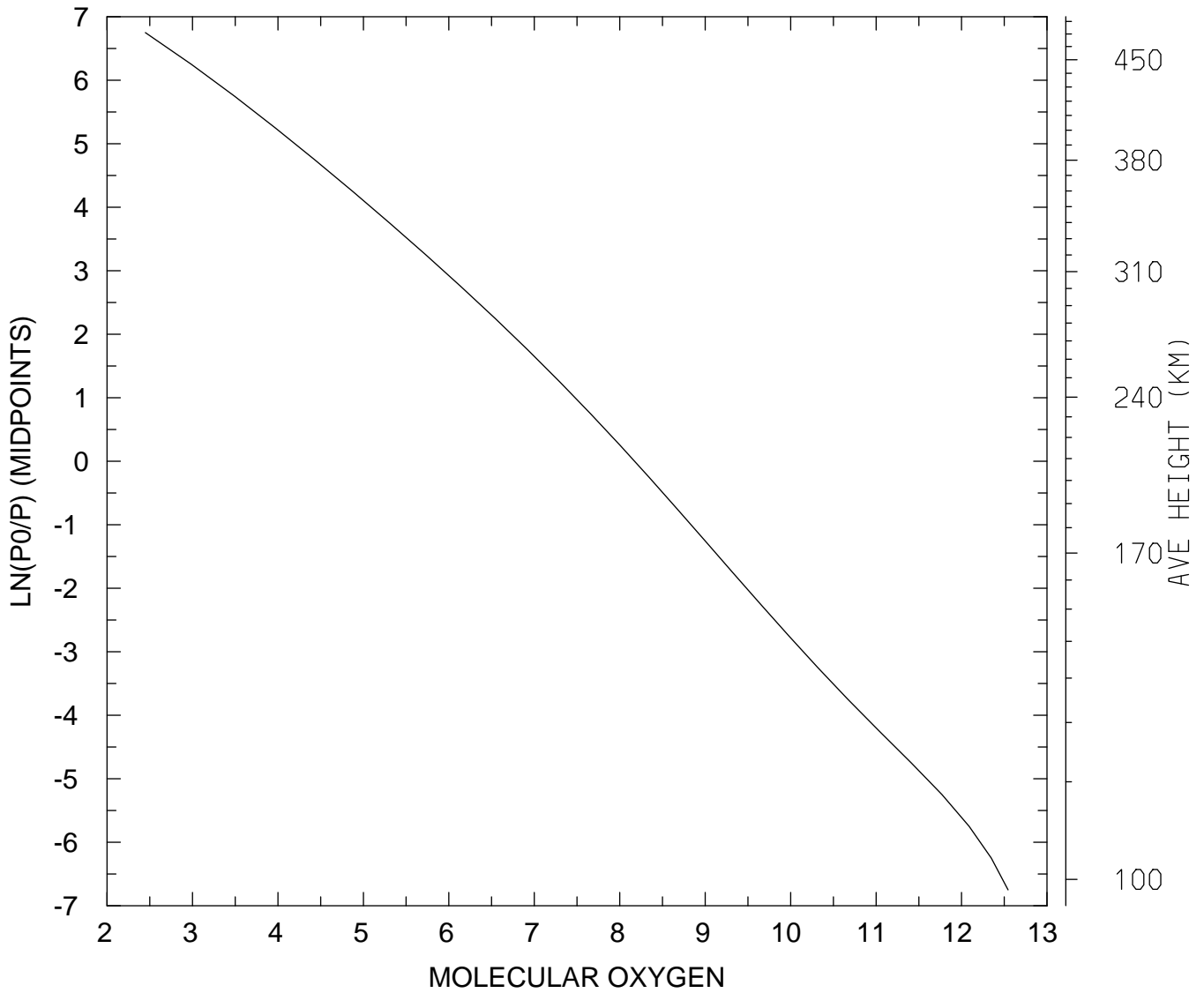


LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



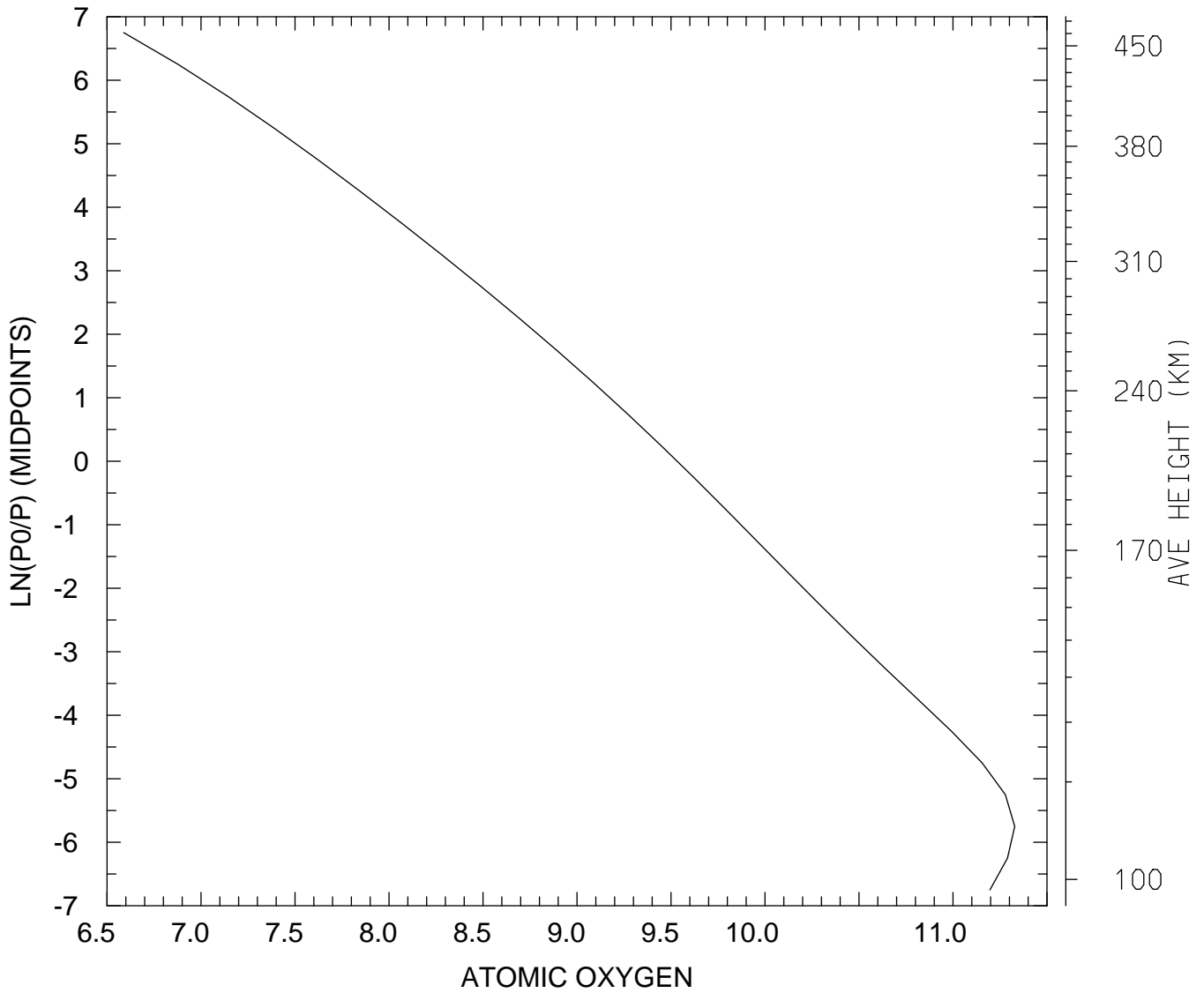
MIN,MAX= 3.2867E+02 3.5100E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
UT= 0.00 GLOBAL MEANS



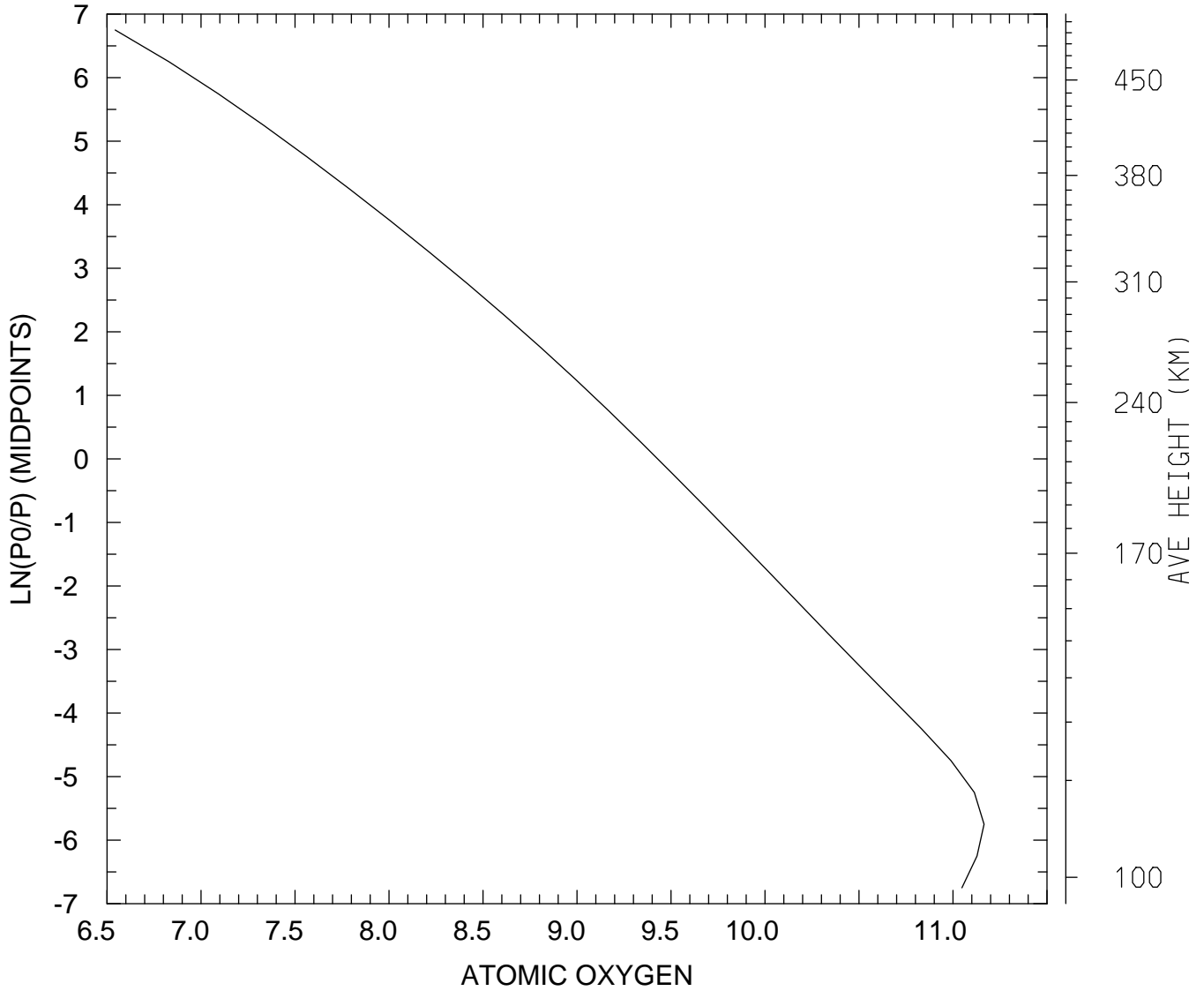
MIN,MAX= 2.8075E+02 3.4977E+12  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



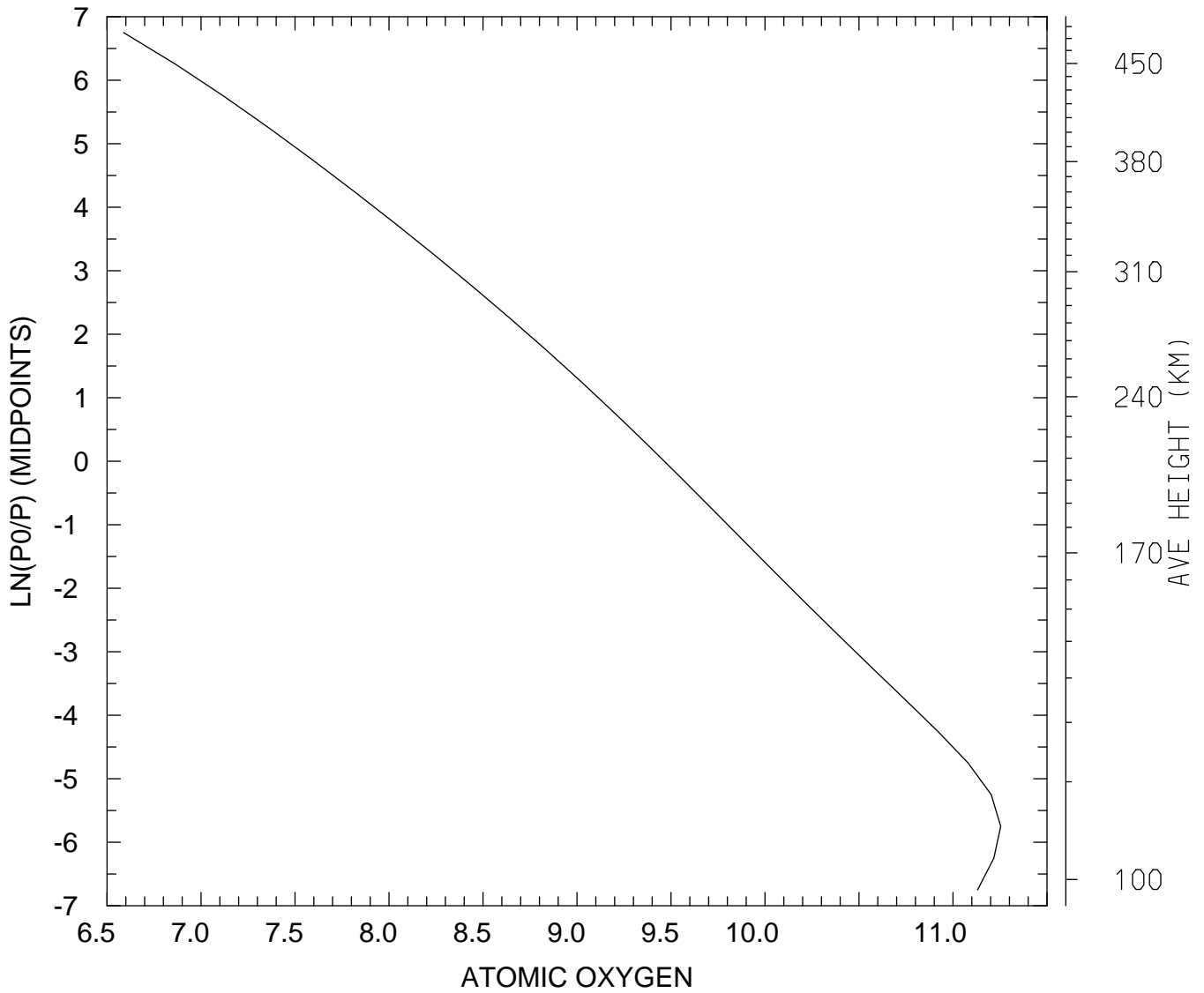
MIN,MAX= 3.8815E+06 2.1307E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



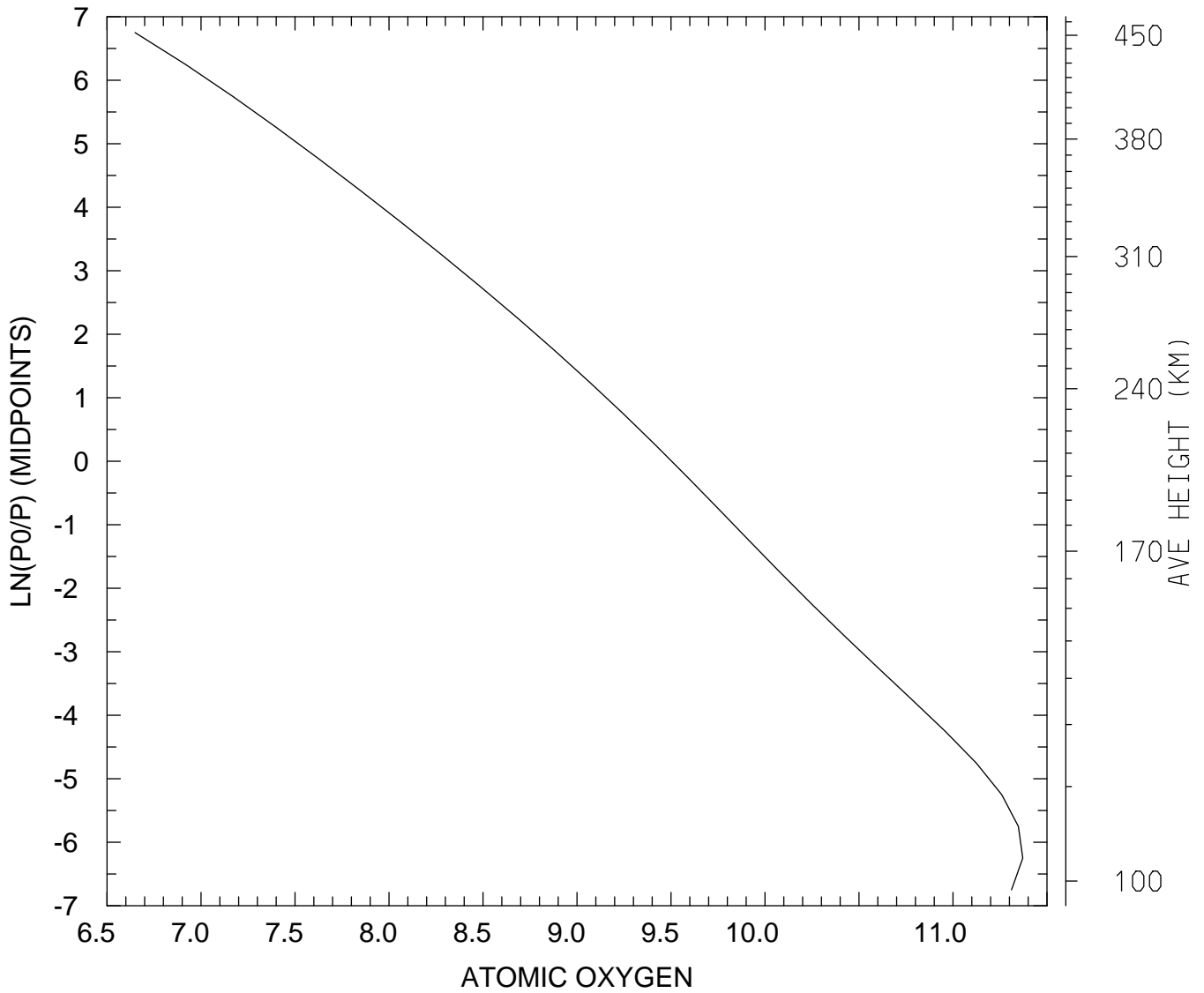
MIN,MAX= 3.4954E+06 1.4621E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



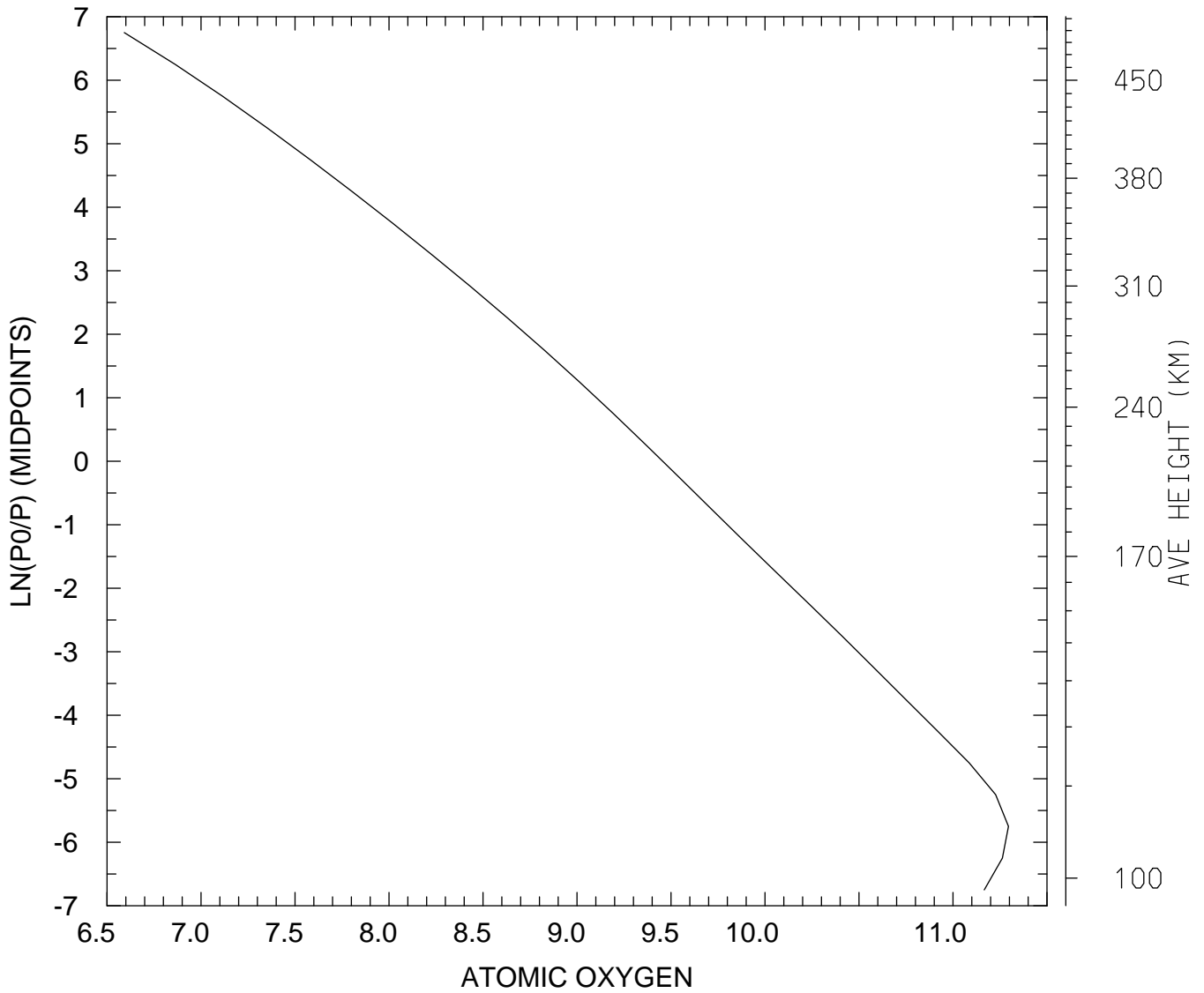
MIN,MAX= 3.8742E+06 1.7936E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



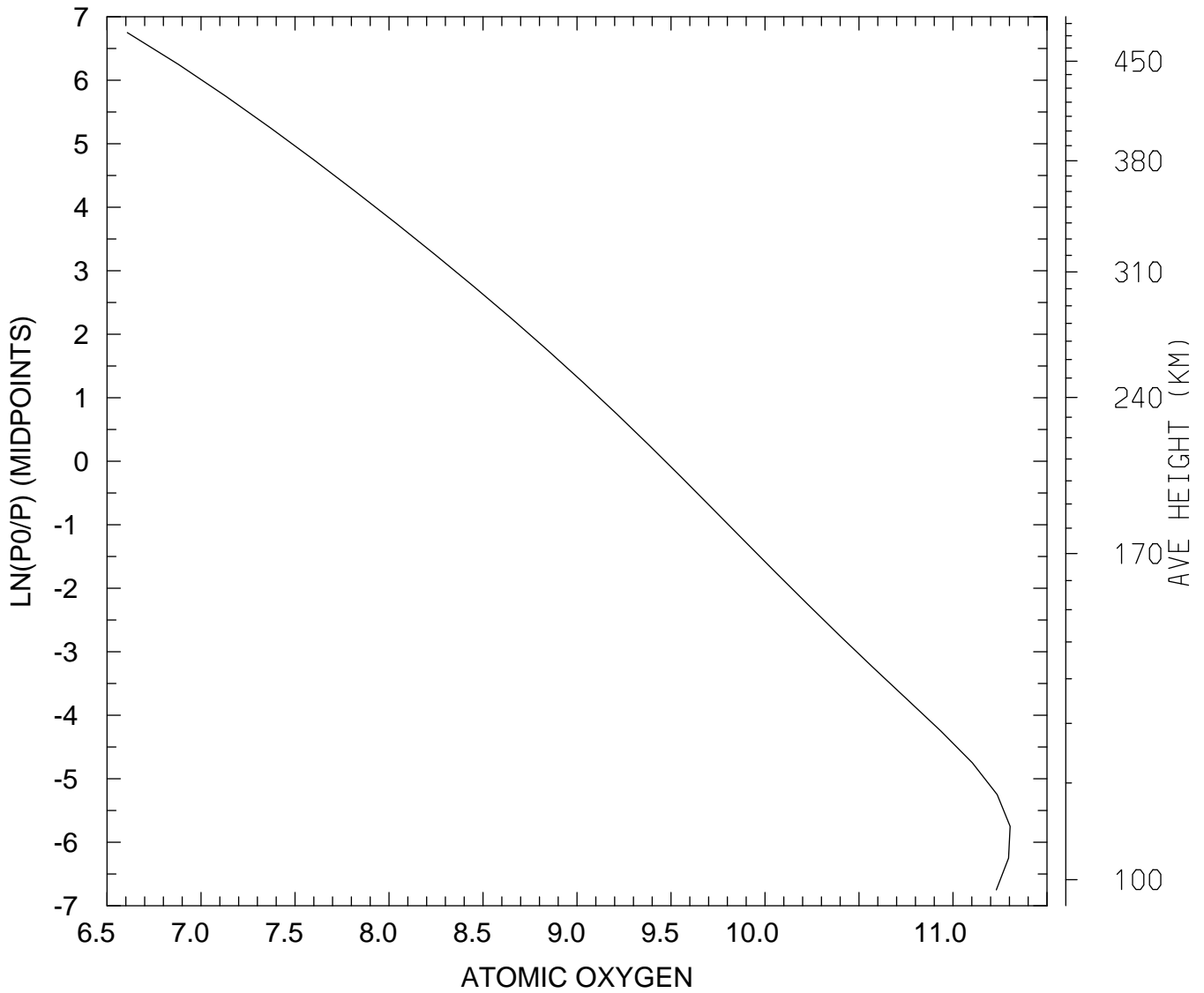
MIN,MAX= 4.4609E+06 2.3514E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 3.9049E+06 1.9724E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

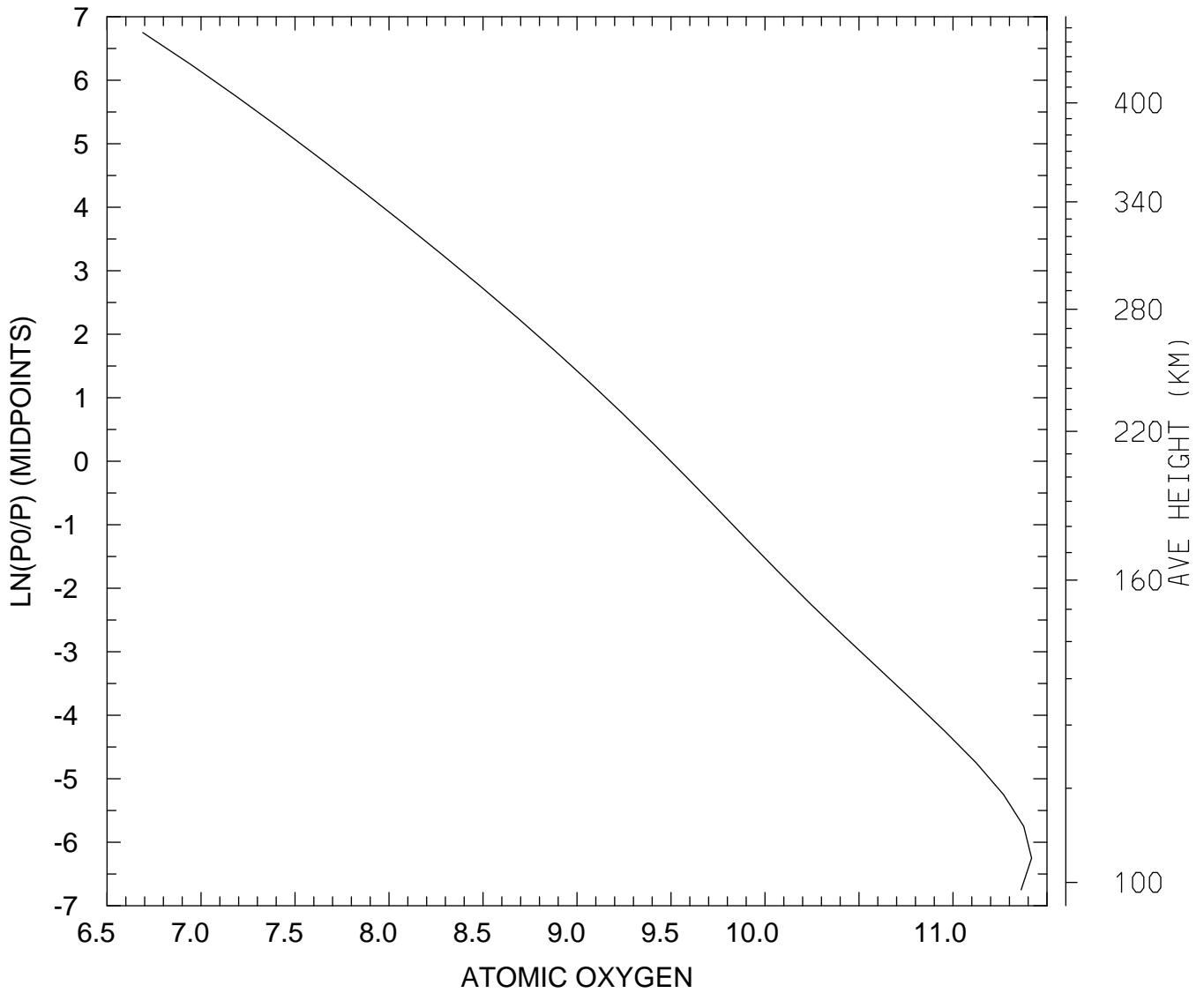
LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



MIN,MAX= 4.0533E+06 2.0119E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

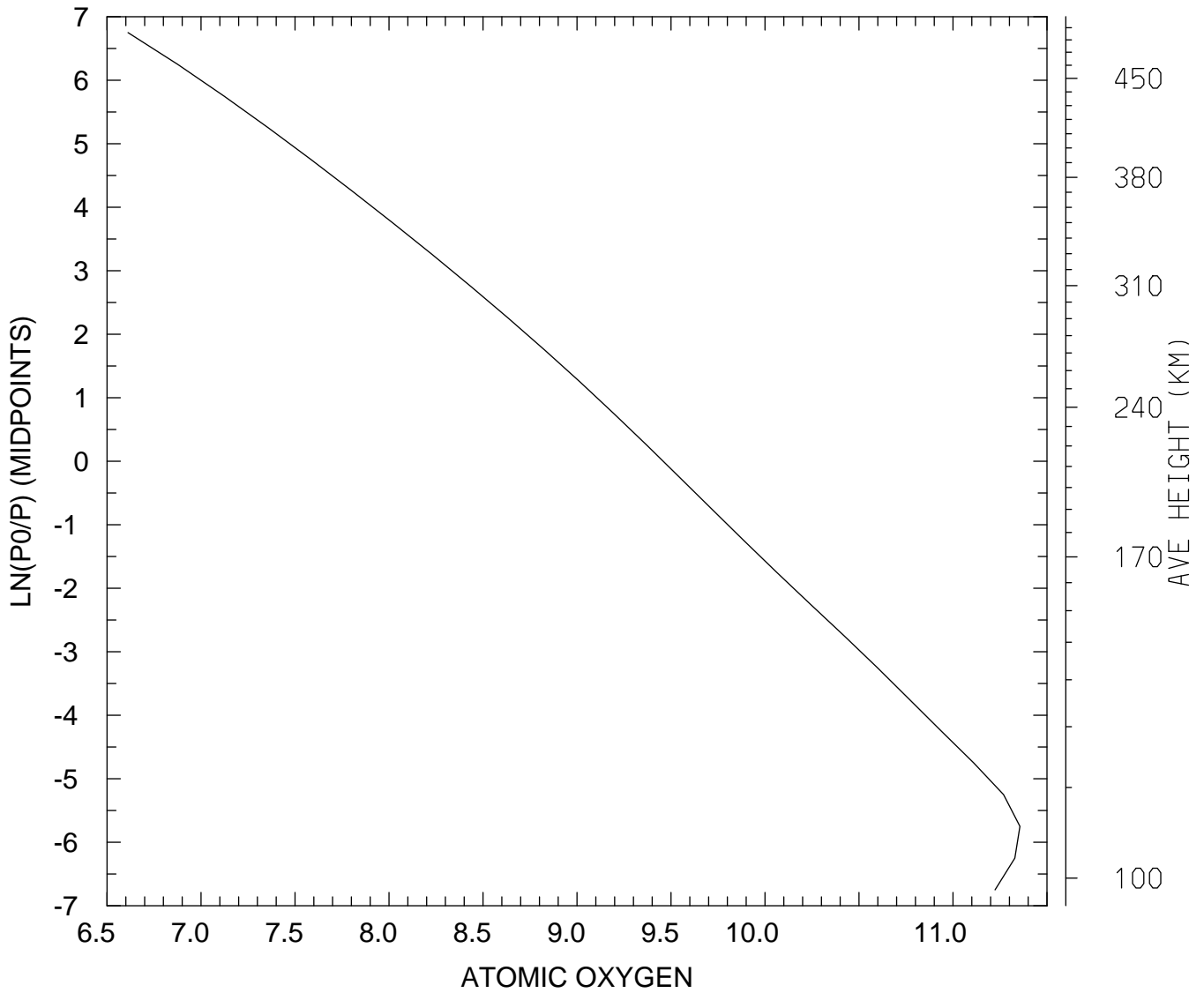


LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



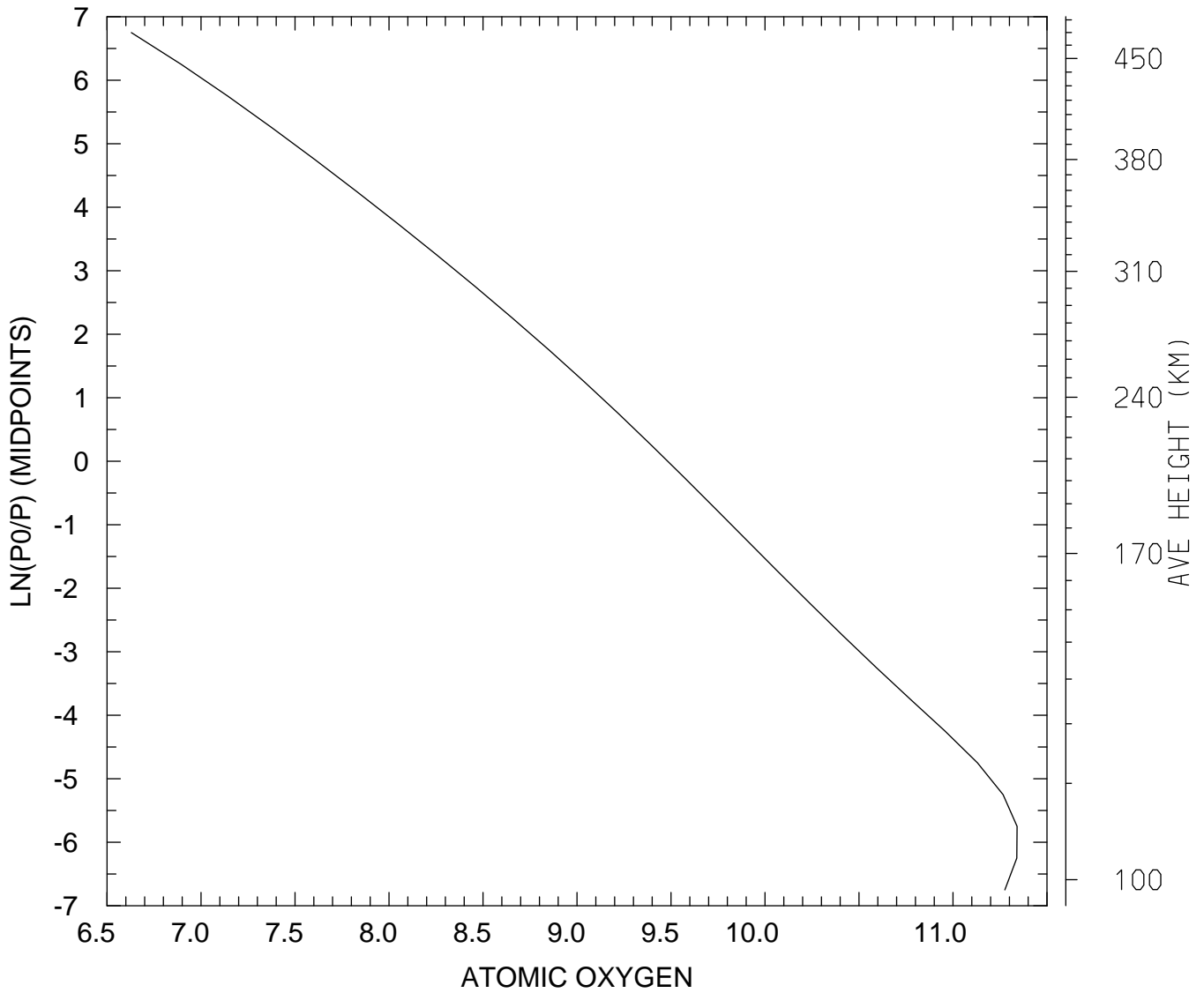
MIN,MAX= 4.8996E+06 2.6170E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



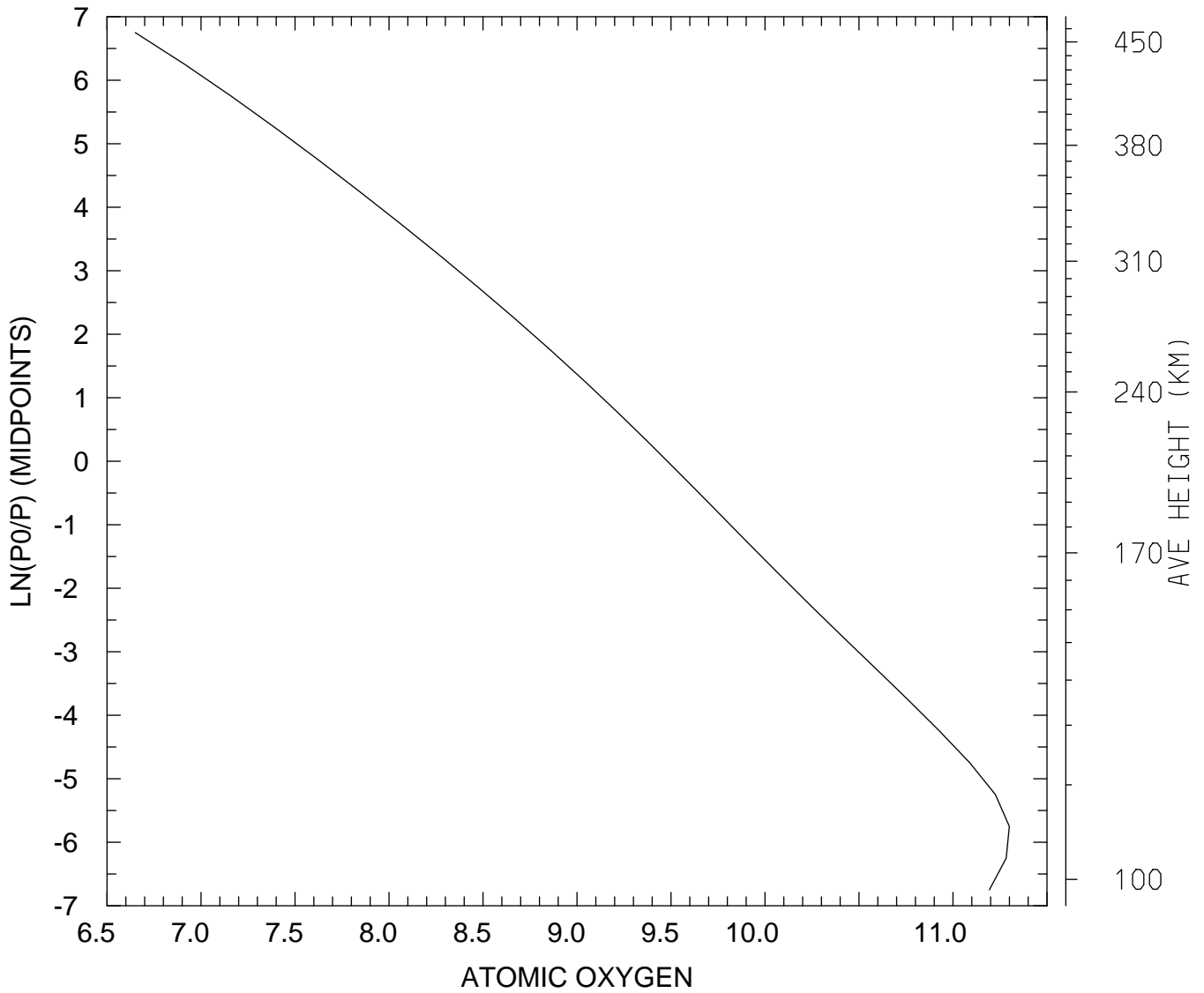
MIN,MAX= 4.0913E+06 2.2702E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



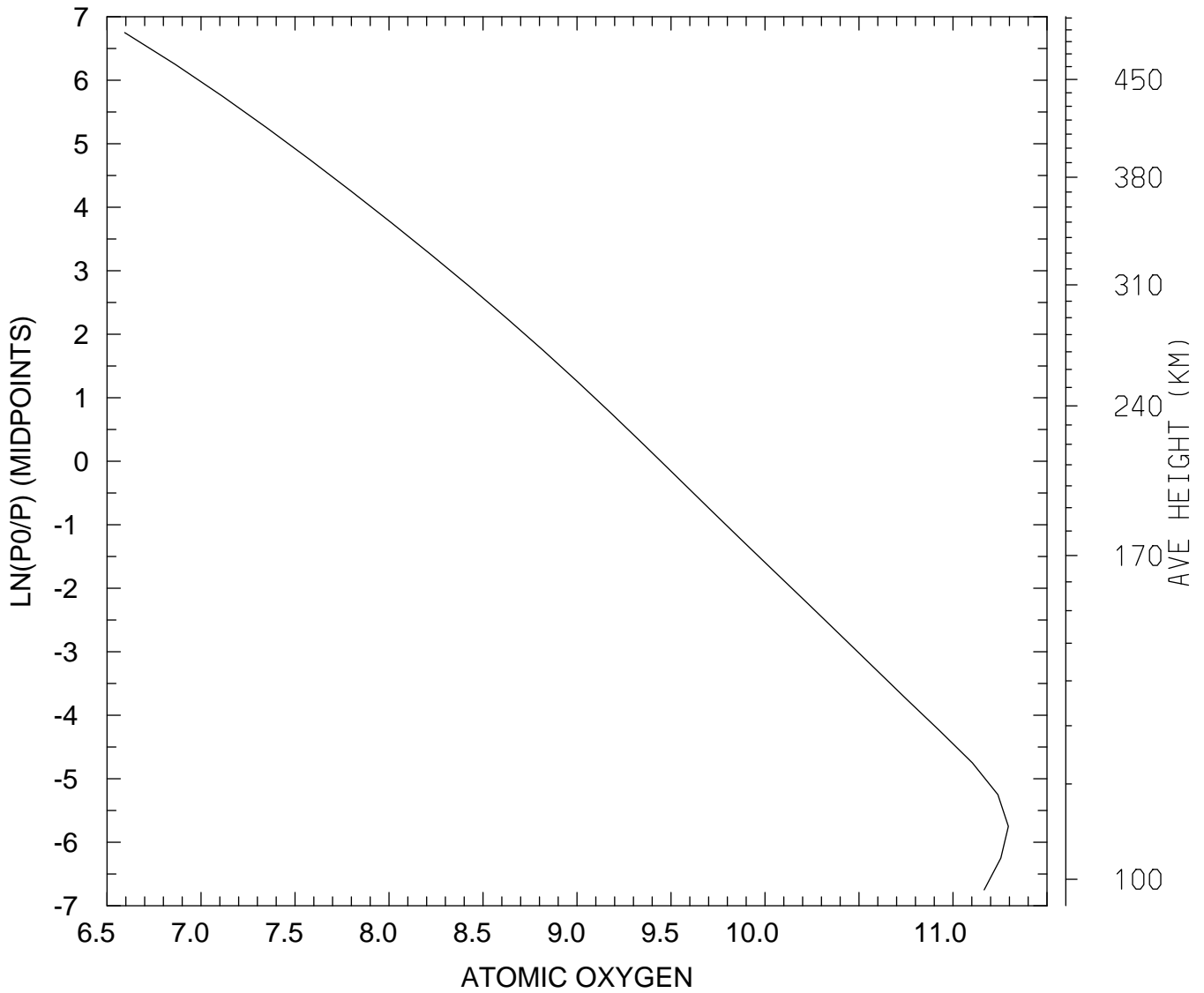
MIN,MAX= 4.2621E+06 2.1914E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



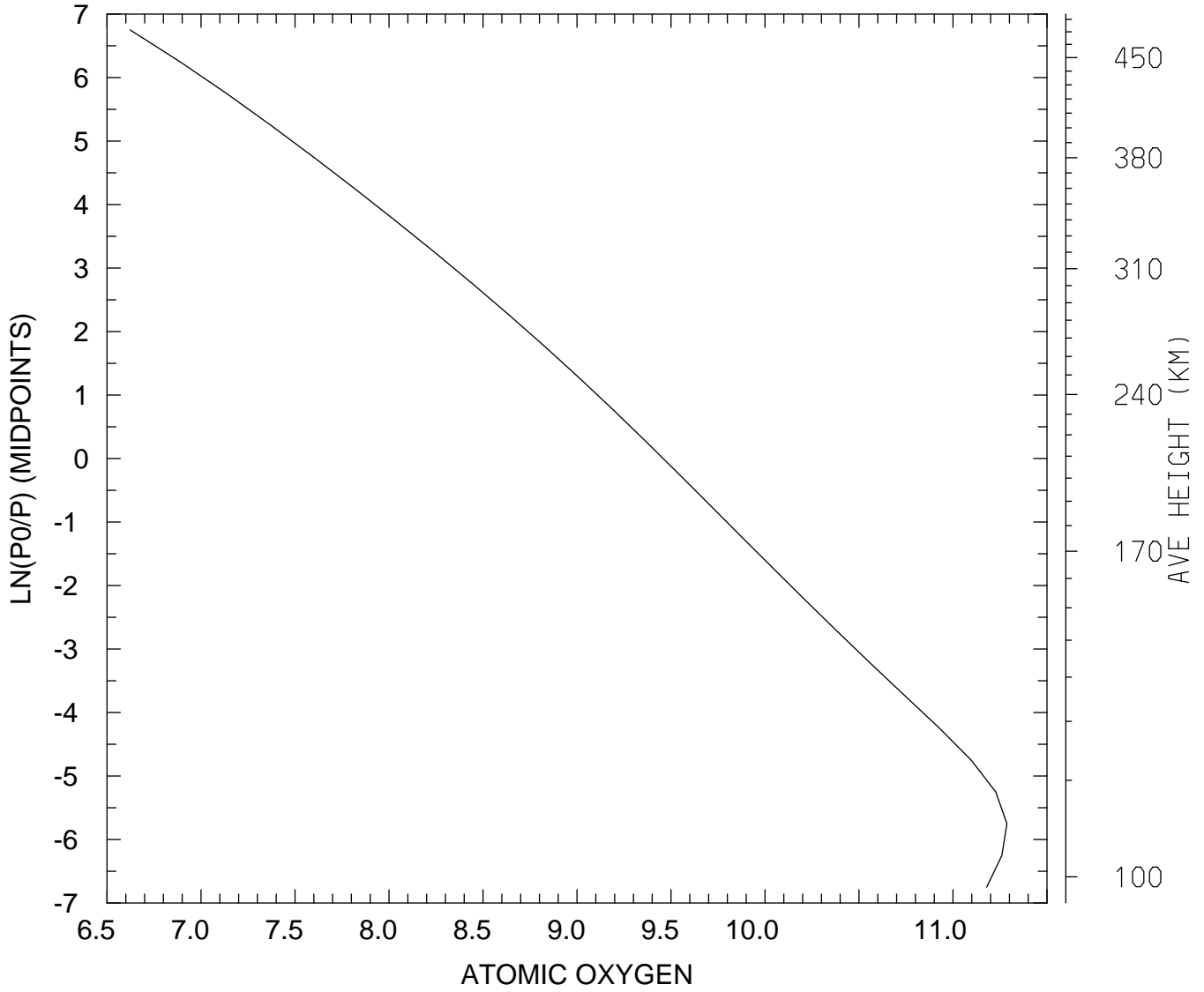
MIN,MAX= 4.4682E+06 1.9931E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



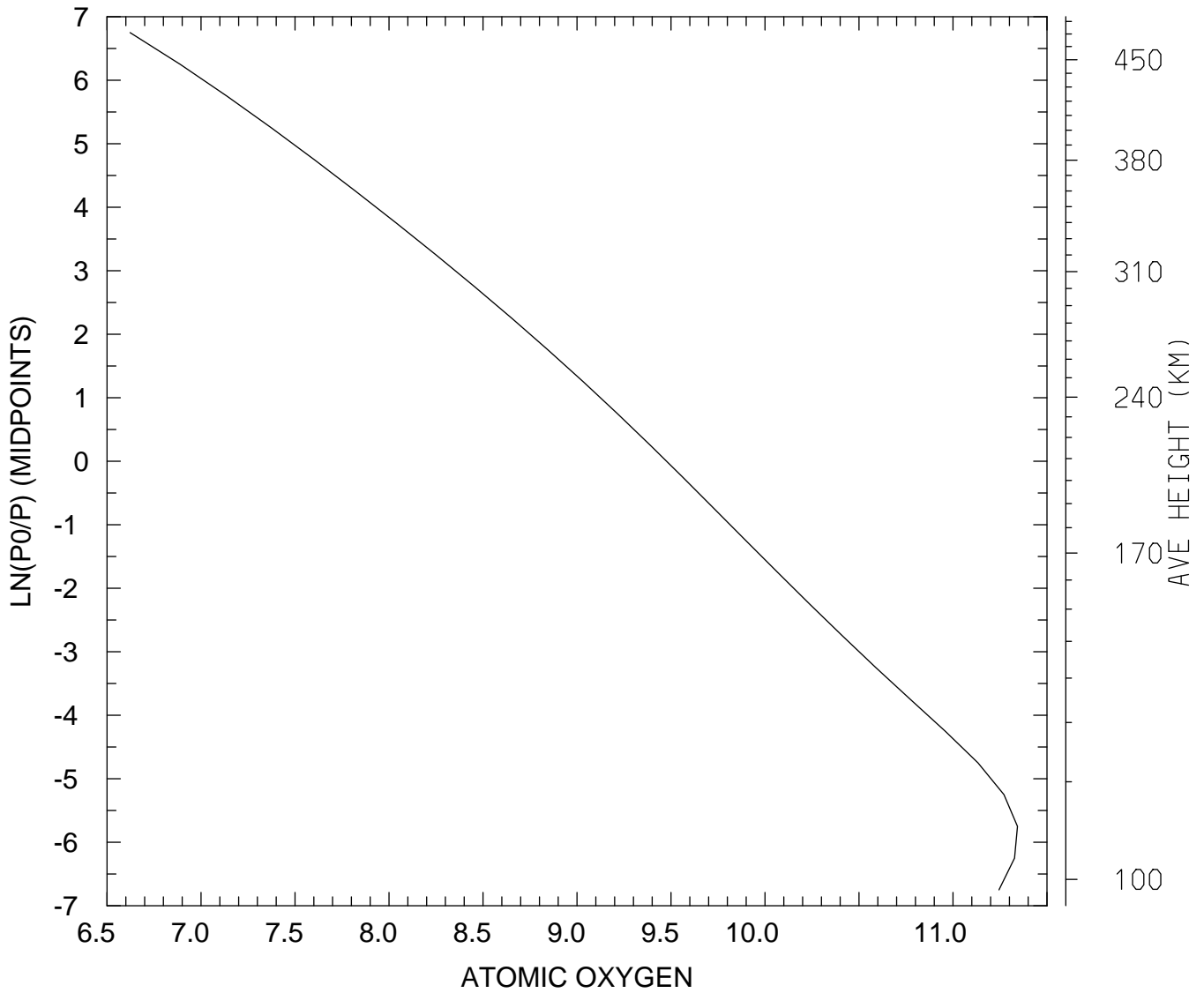
MIN,MAX= 3.9232E+06 1.9701E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



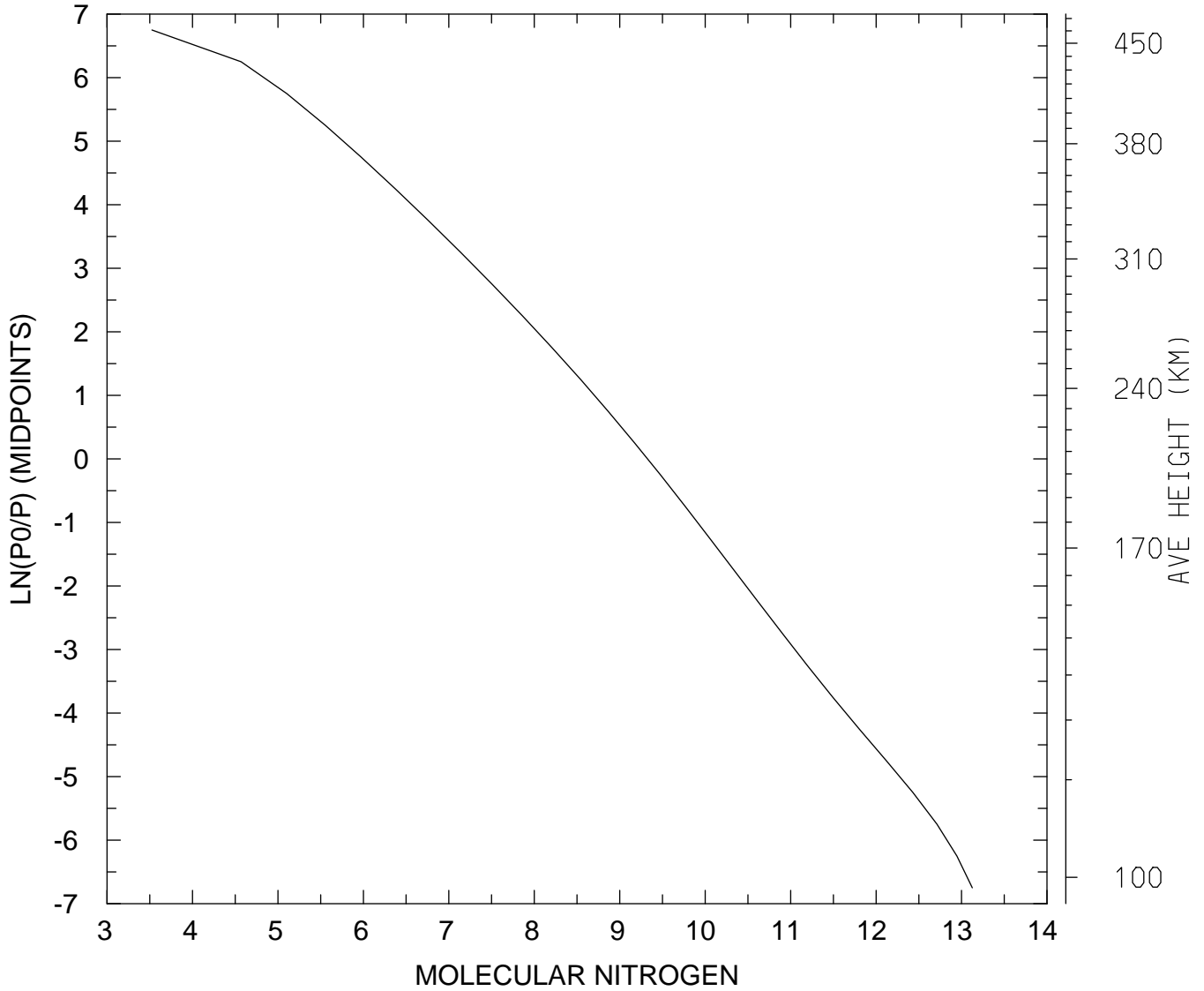
MIN,MAX= 4.1971E+06 1.9352E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
UT= 0.00 GLOBAL MEANS



MIN,MAX= 4.1924E+06 2.2014E+11  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

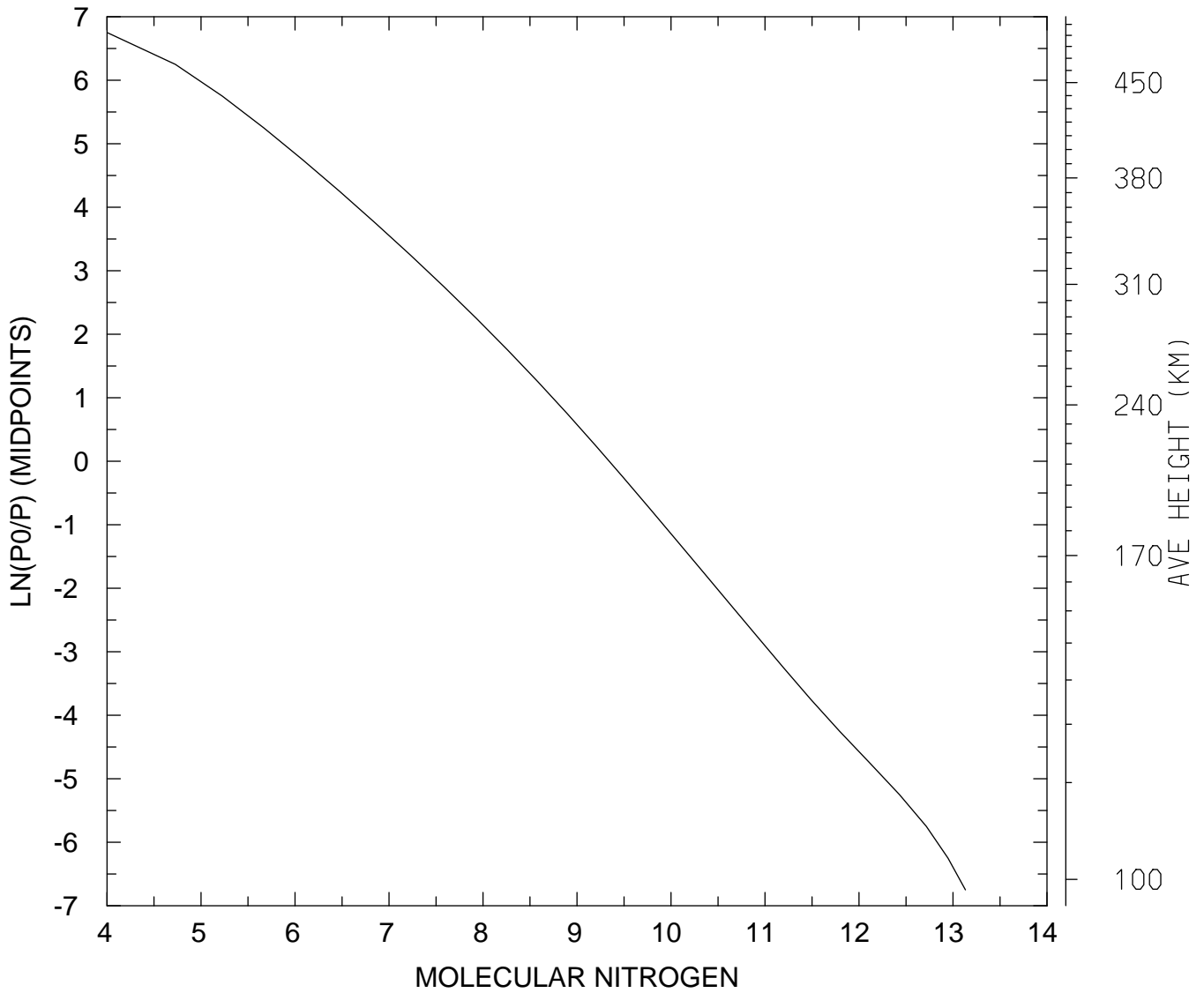
LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



MIN,MAX= 3.3555E+03 1.3364E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

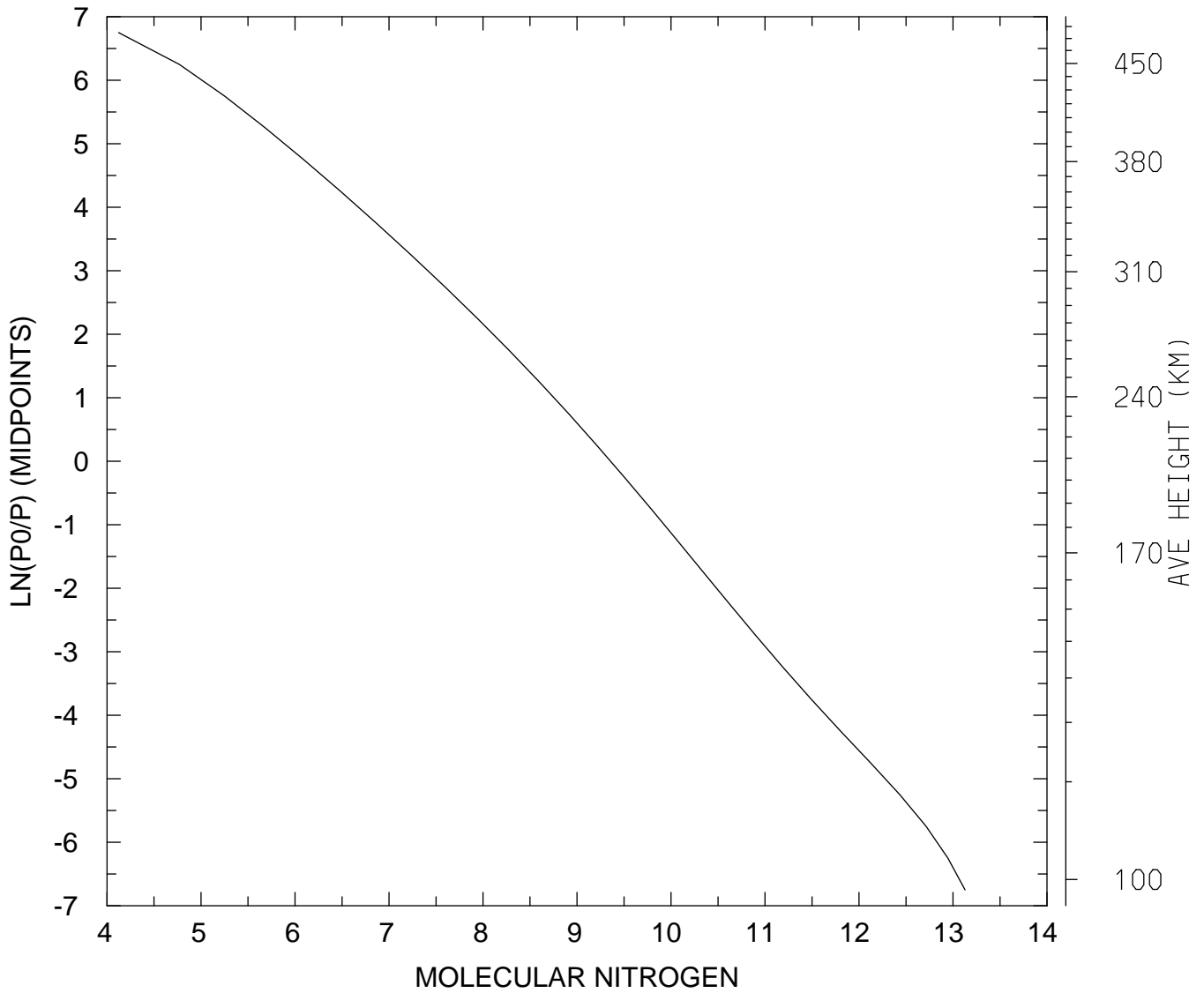


LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



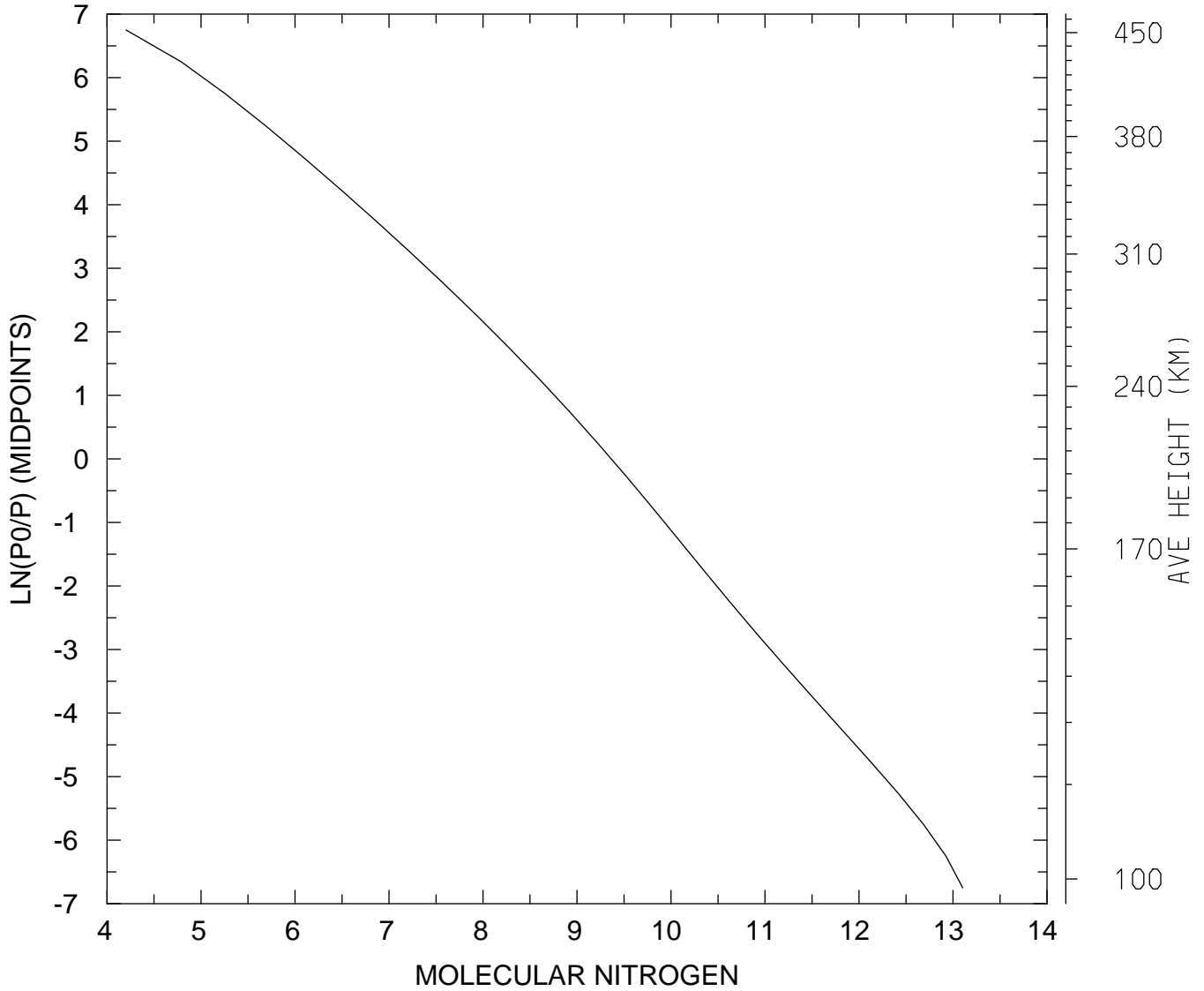
MIN,MAX= 1.0043E+04 1.3548E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



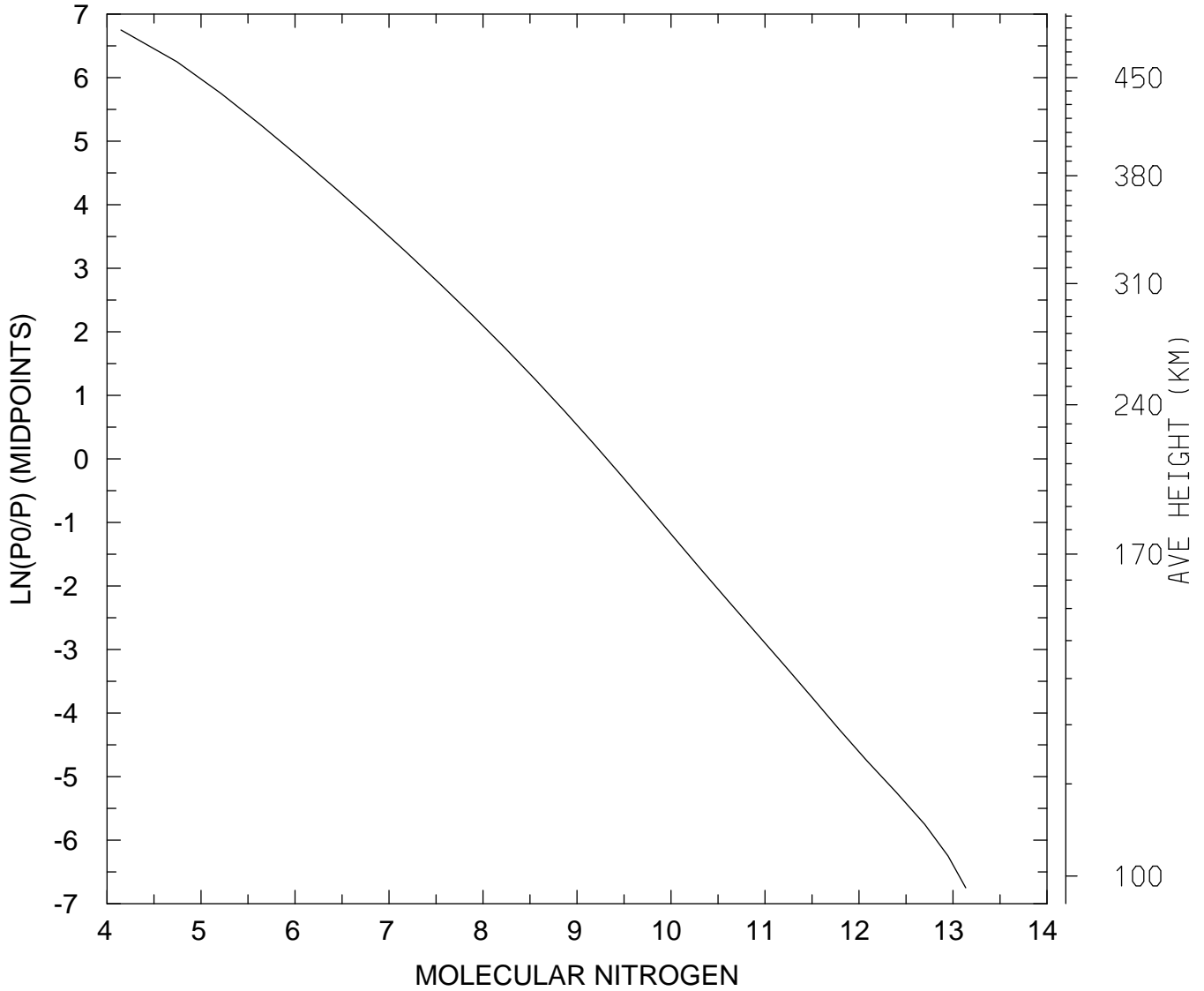
MIN,MAX= 1.3282E+04 1.3438E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



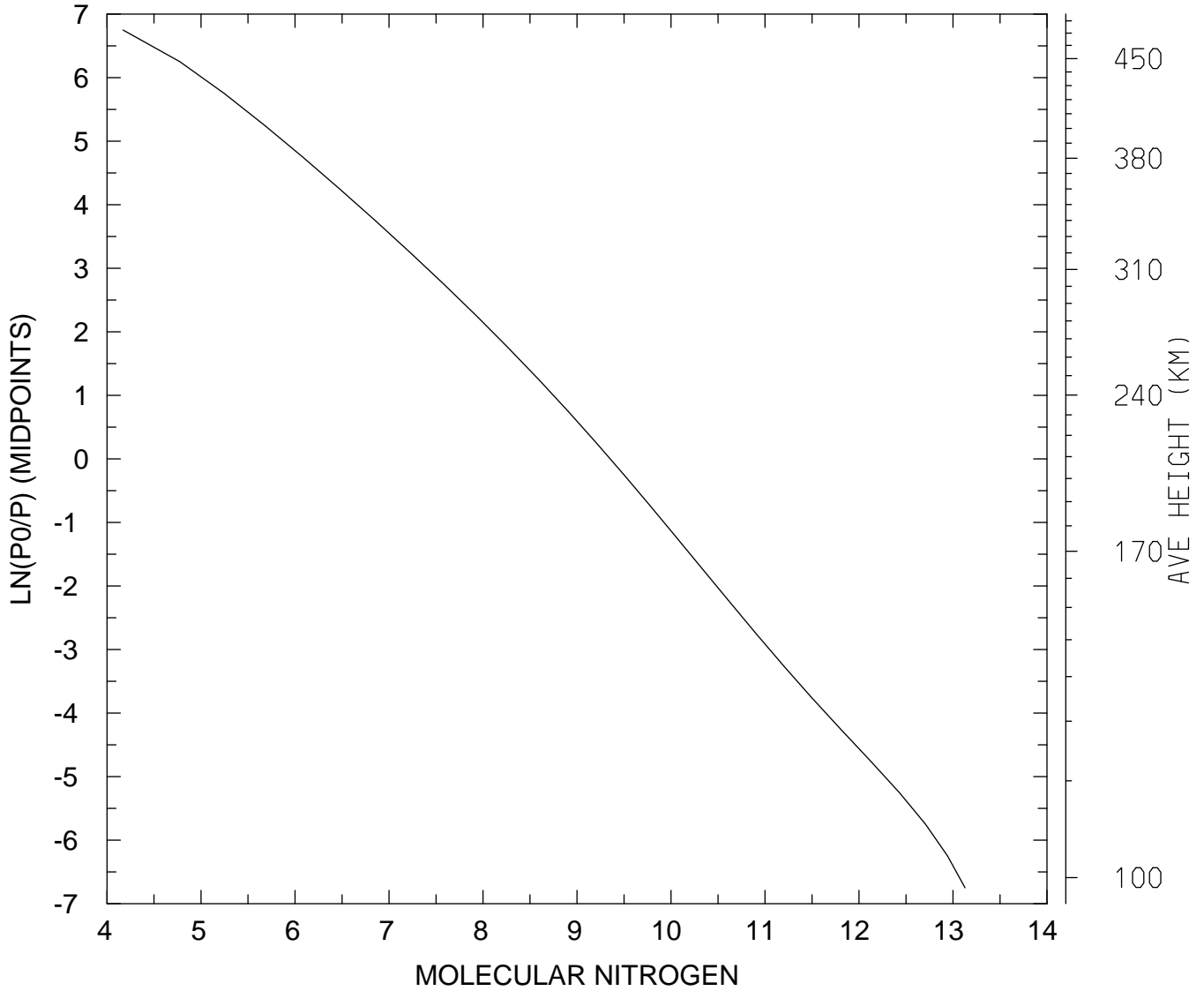
MIN,MAX= 1.5929E+04 1.2667E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



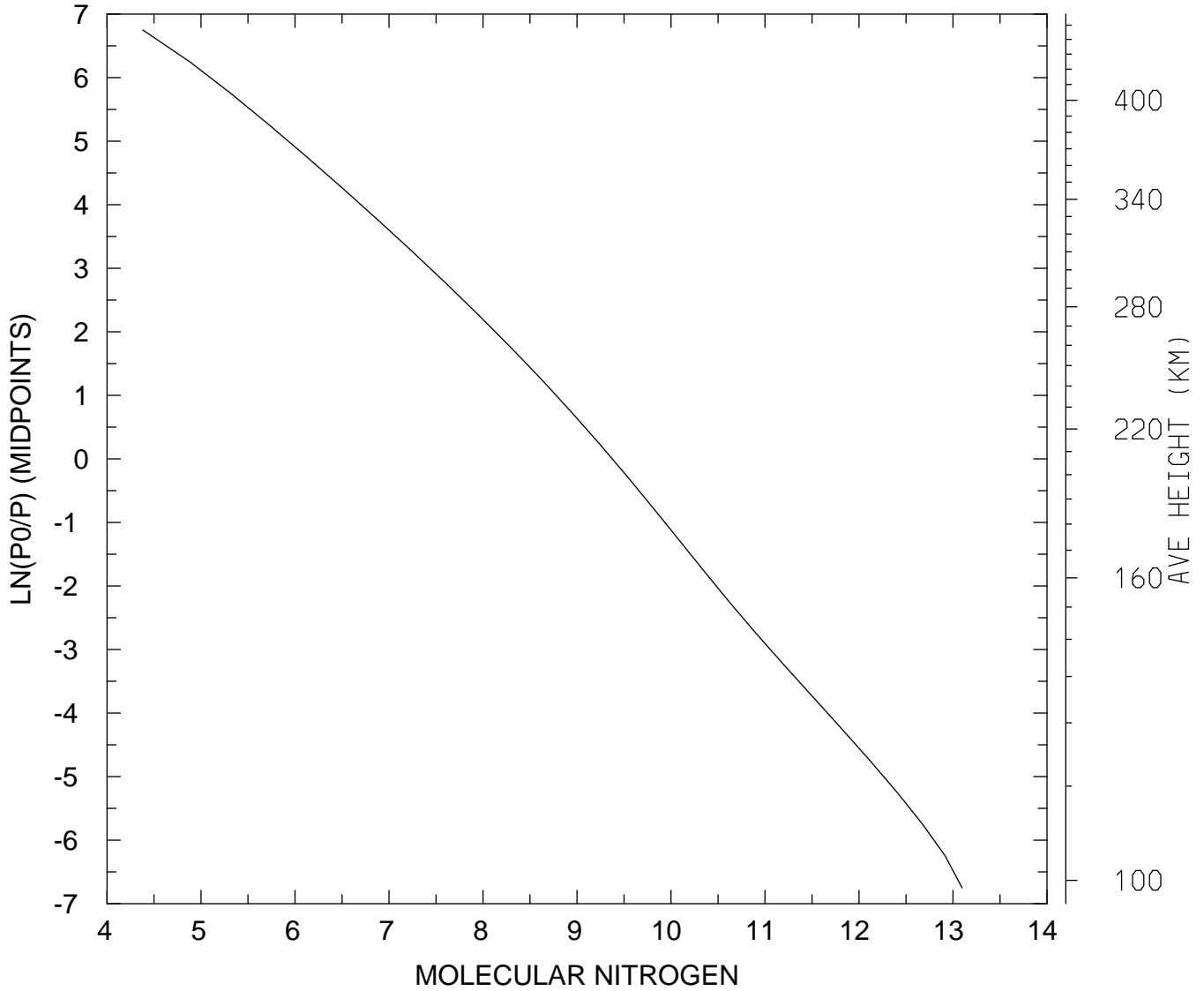
MIN,MAX= 1.4072E+04 1.3658E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



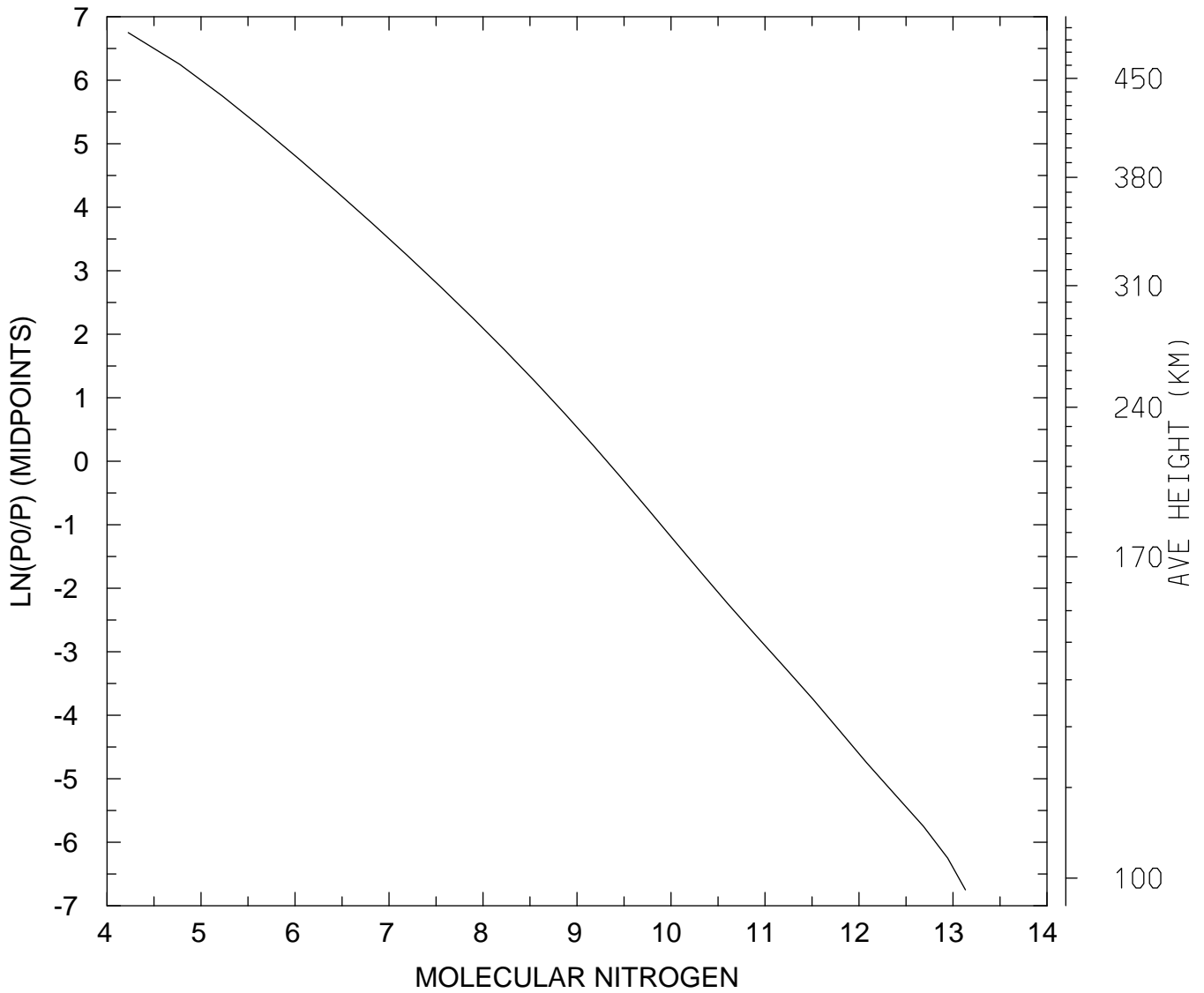
MIN,MAX= 1.4807E+04 1.3442E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



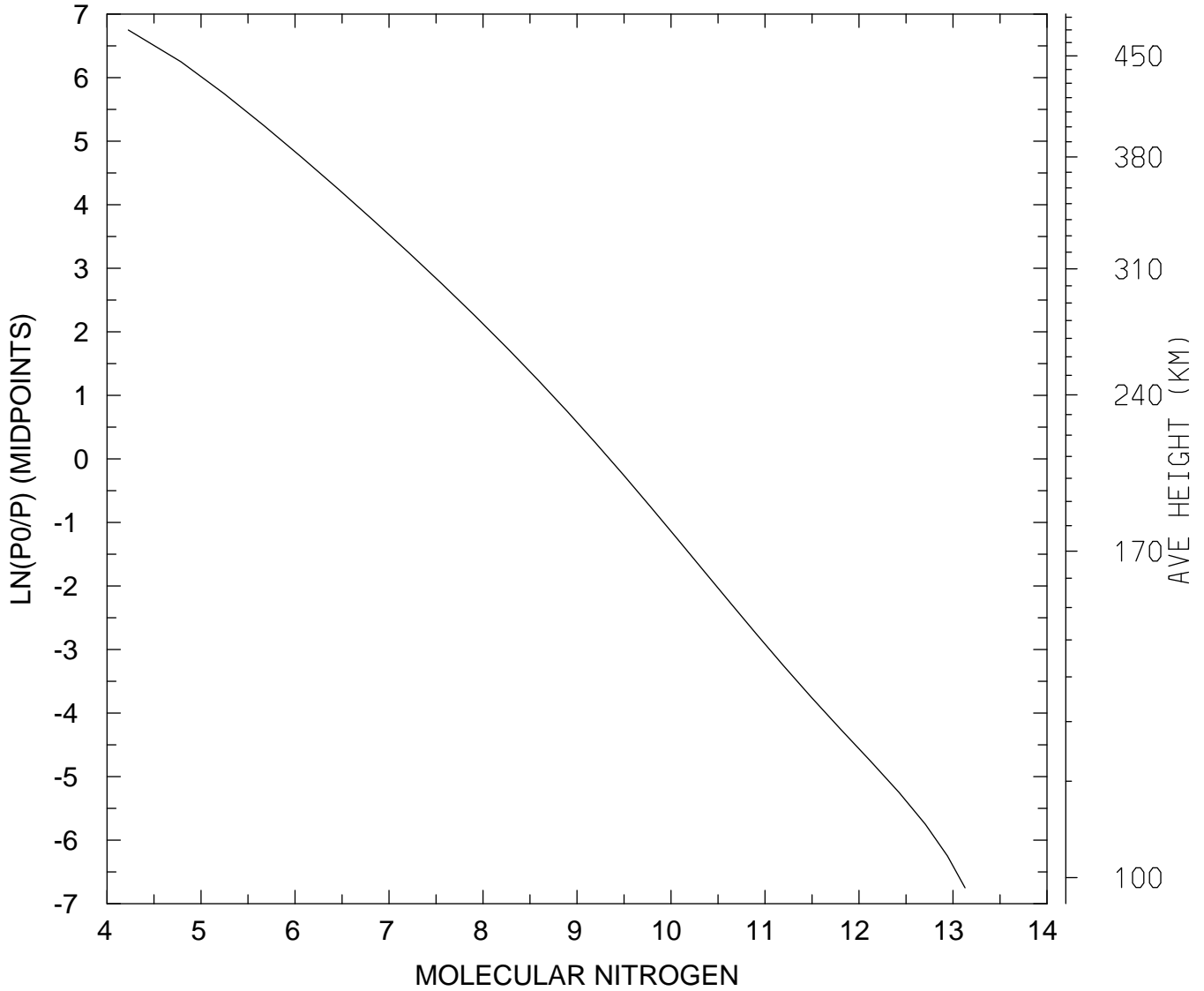
MIN,MAX= 2.4033E+04 1.2482E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 1.6778E+04 1.3565E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

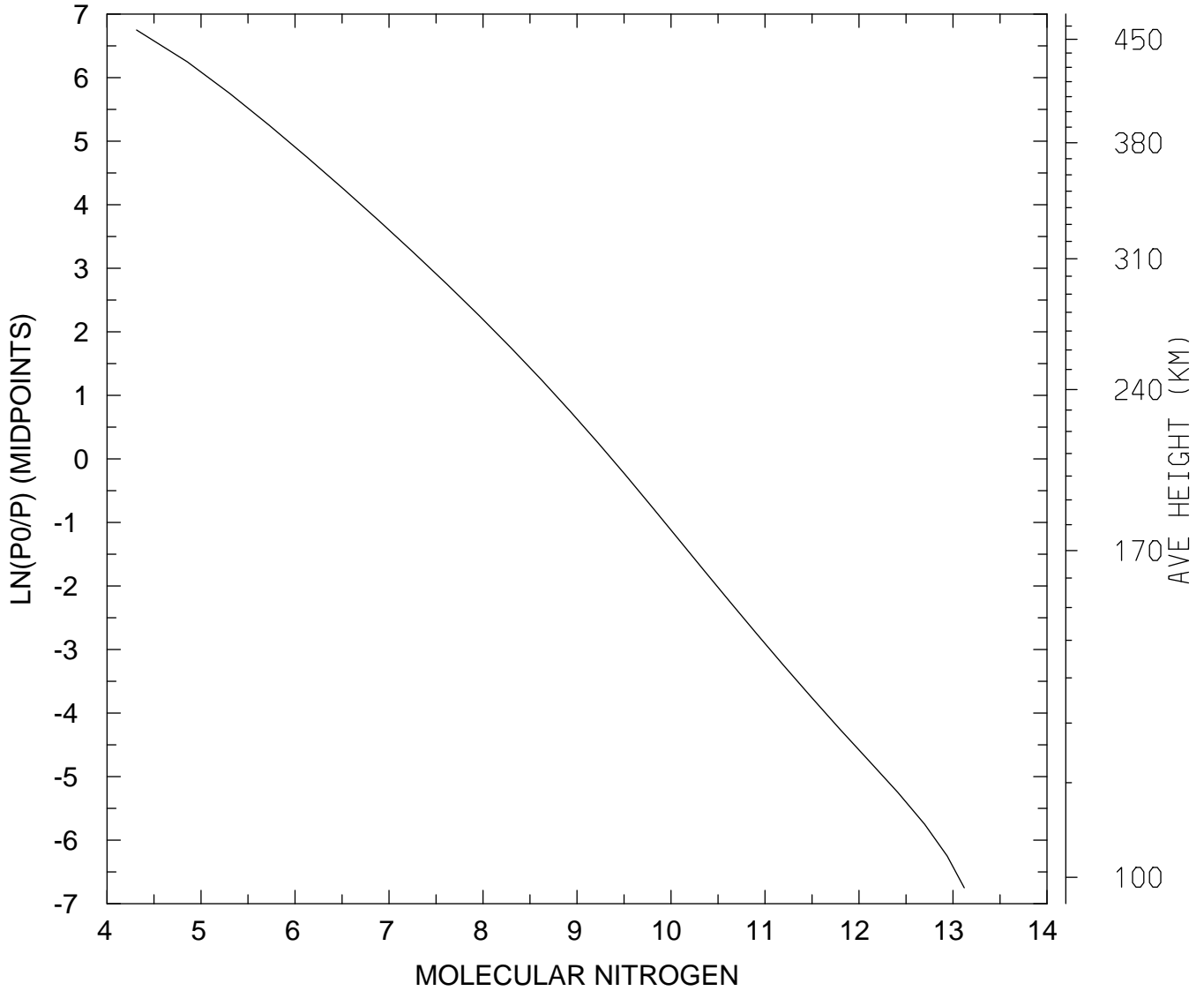
LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



MIN,MAX= 1.6846E+04 1.3442E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

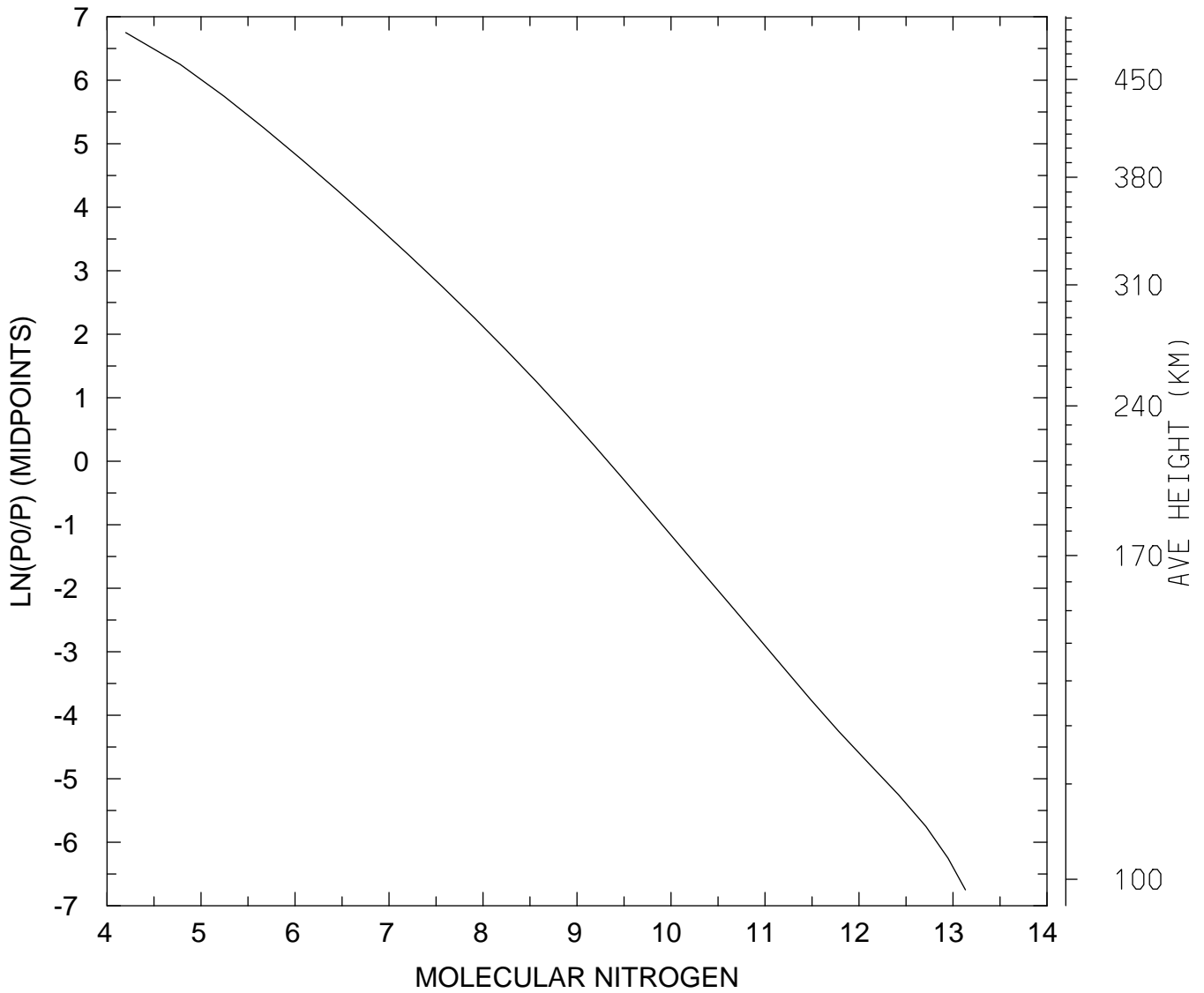


LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



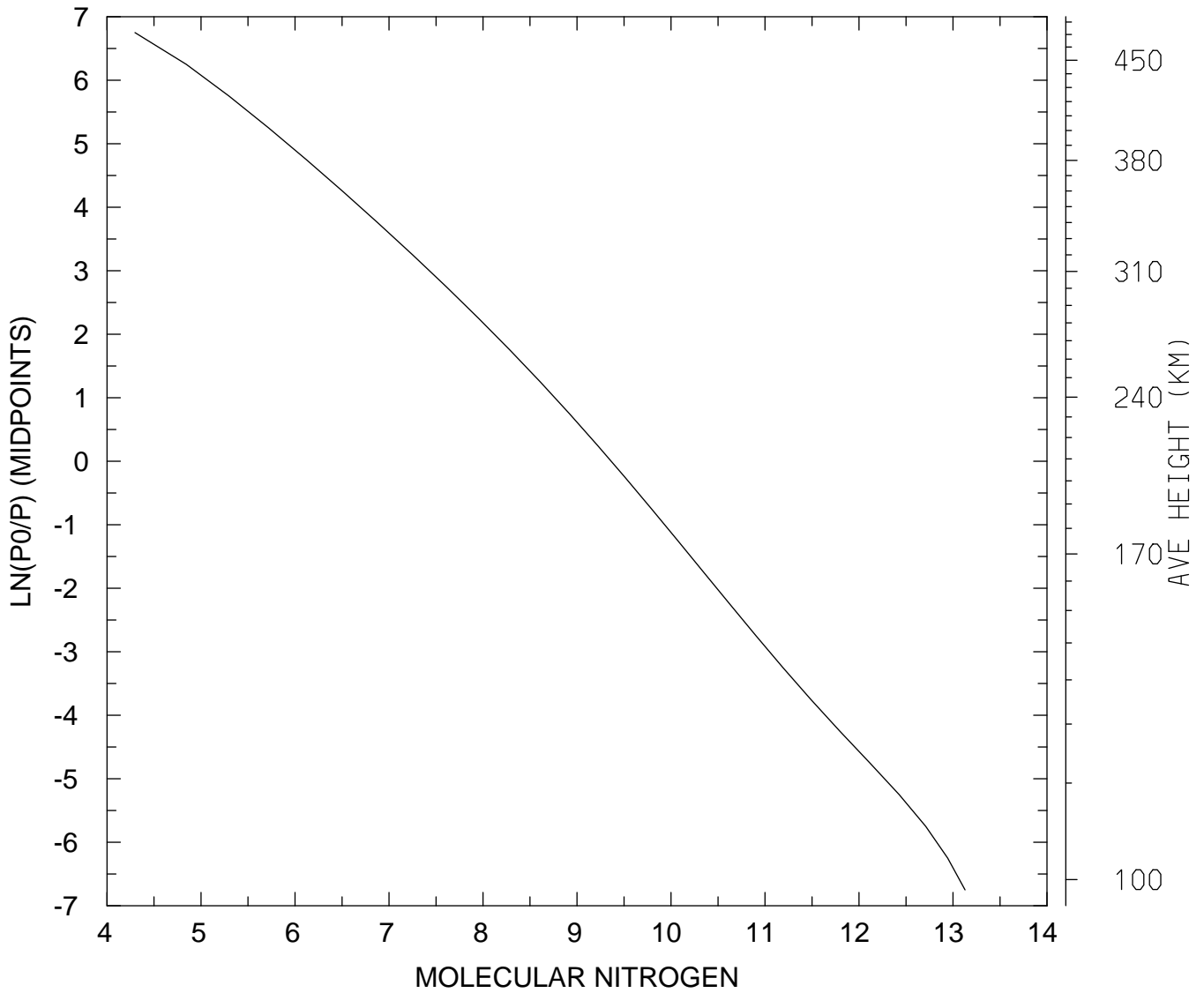
MIN,MAX= 2.0596E+04 1.3189E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



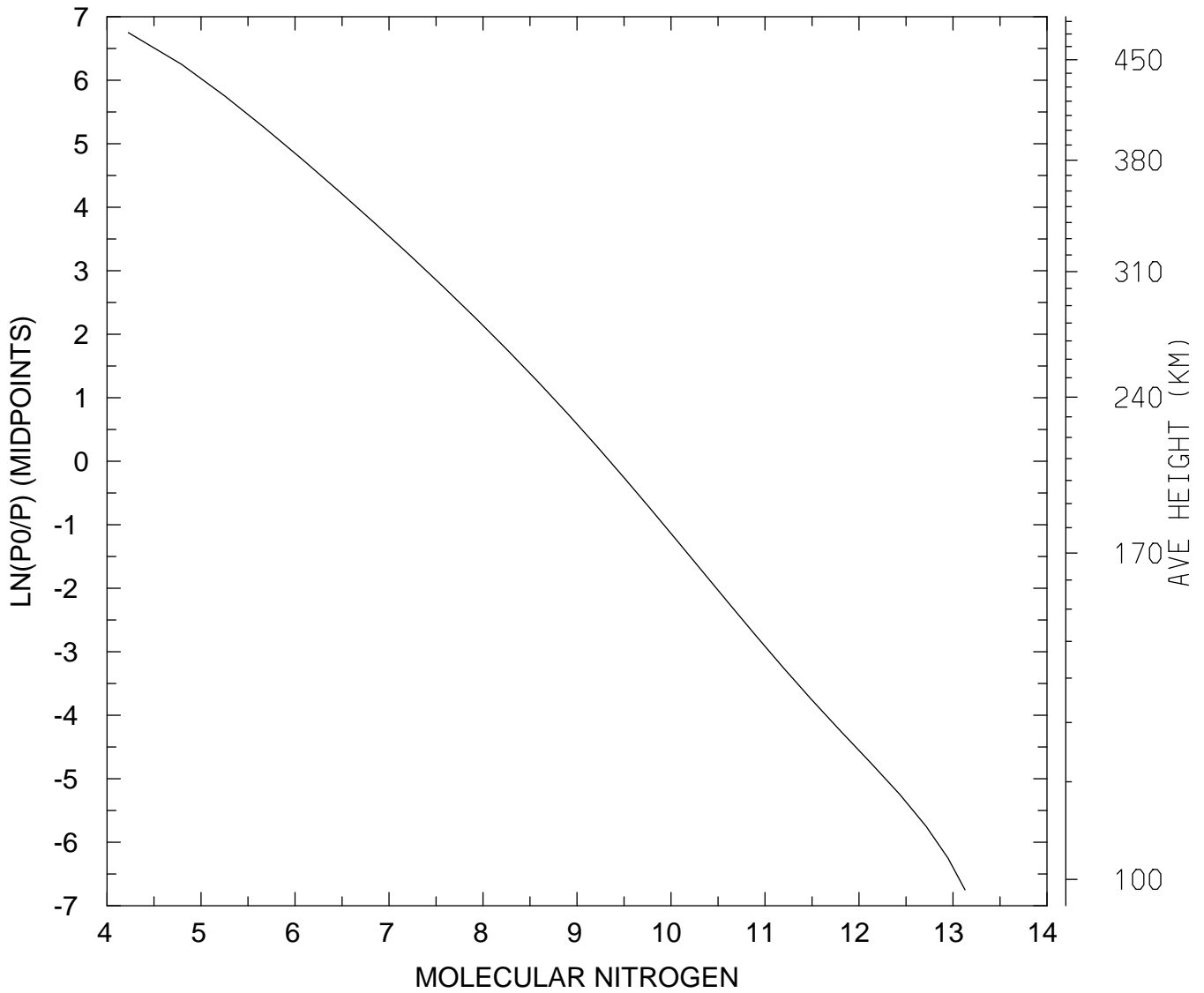
MIN,MAX= 1.5824E+04 1.3565E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



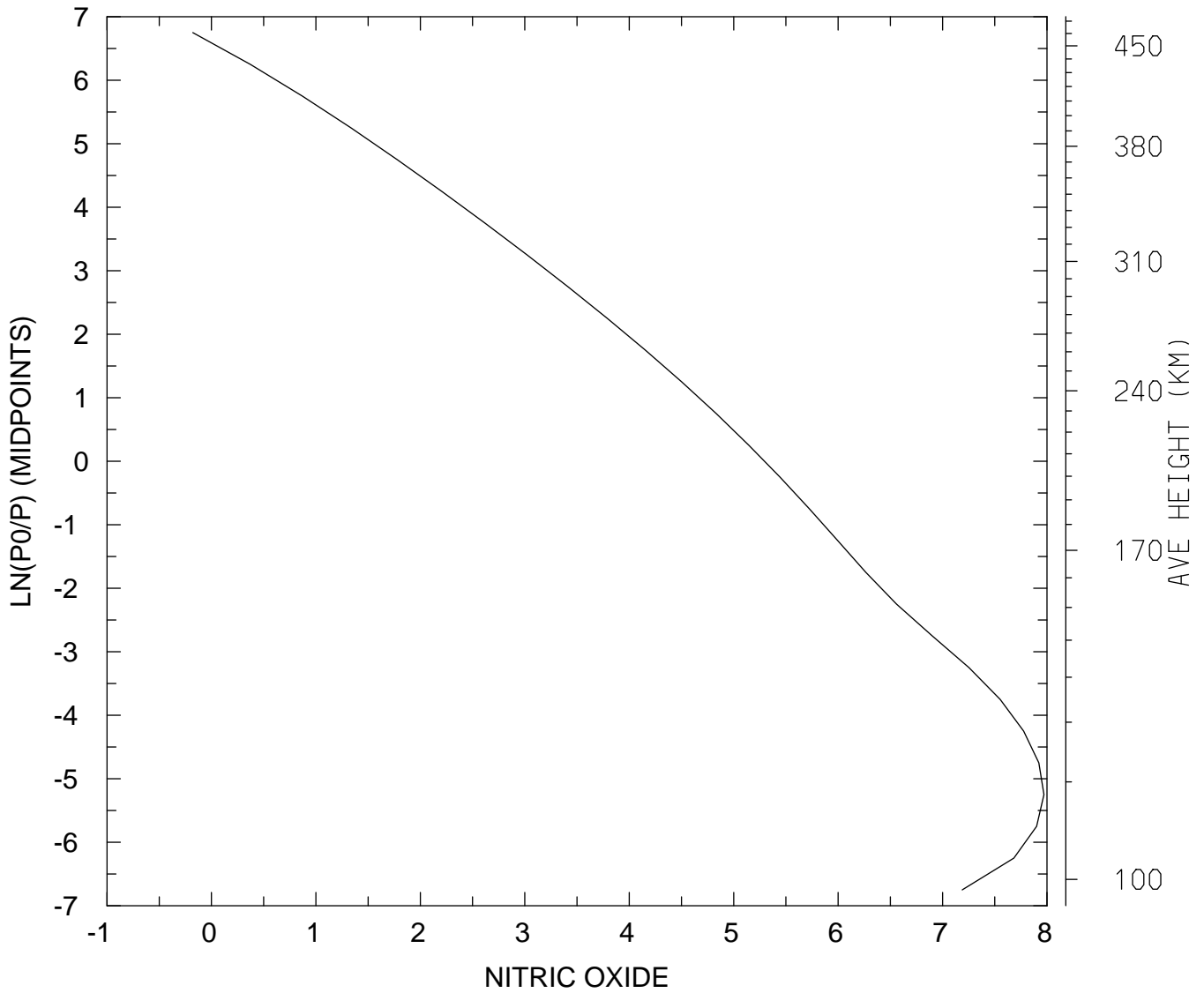
MIN,MAX= 1.9822E+04 1.3434E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
UT= 0.00 GLOBAL MEANS



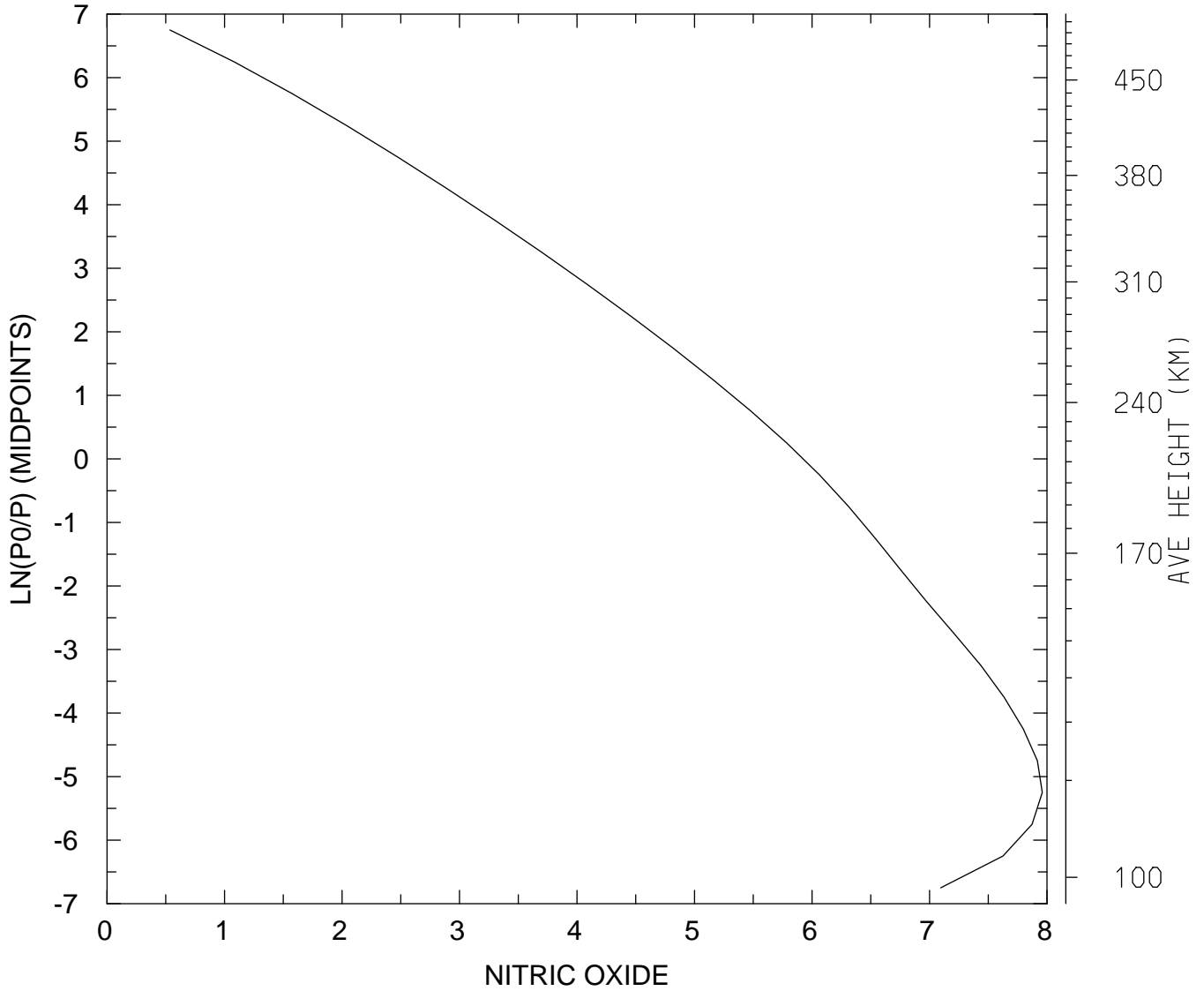
MIN,MAX= 1.6839E+04 1.3442E+13  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



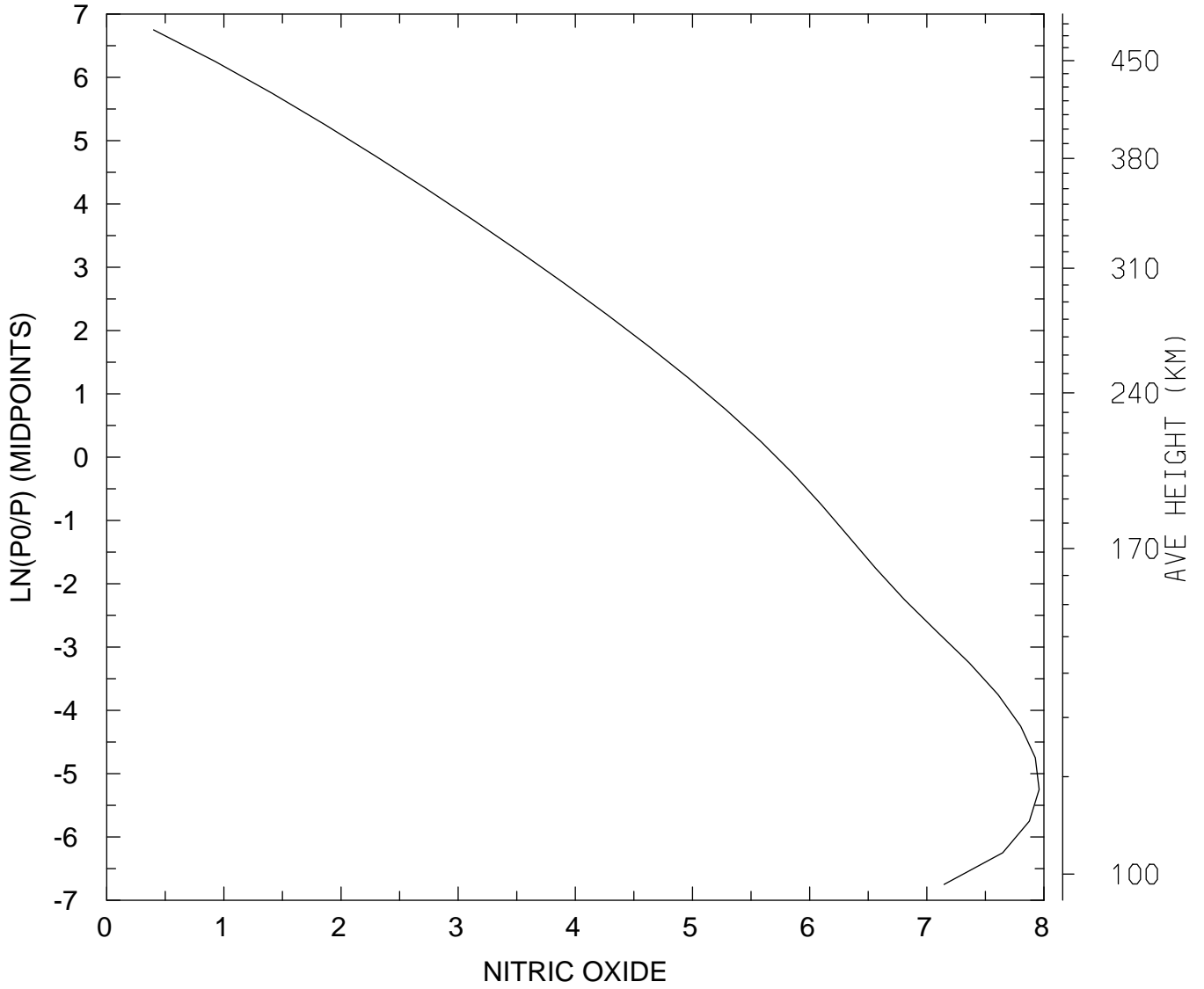
MIN,MAX= 6.6216E-01 9.3421E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



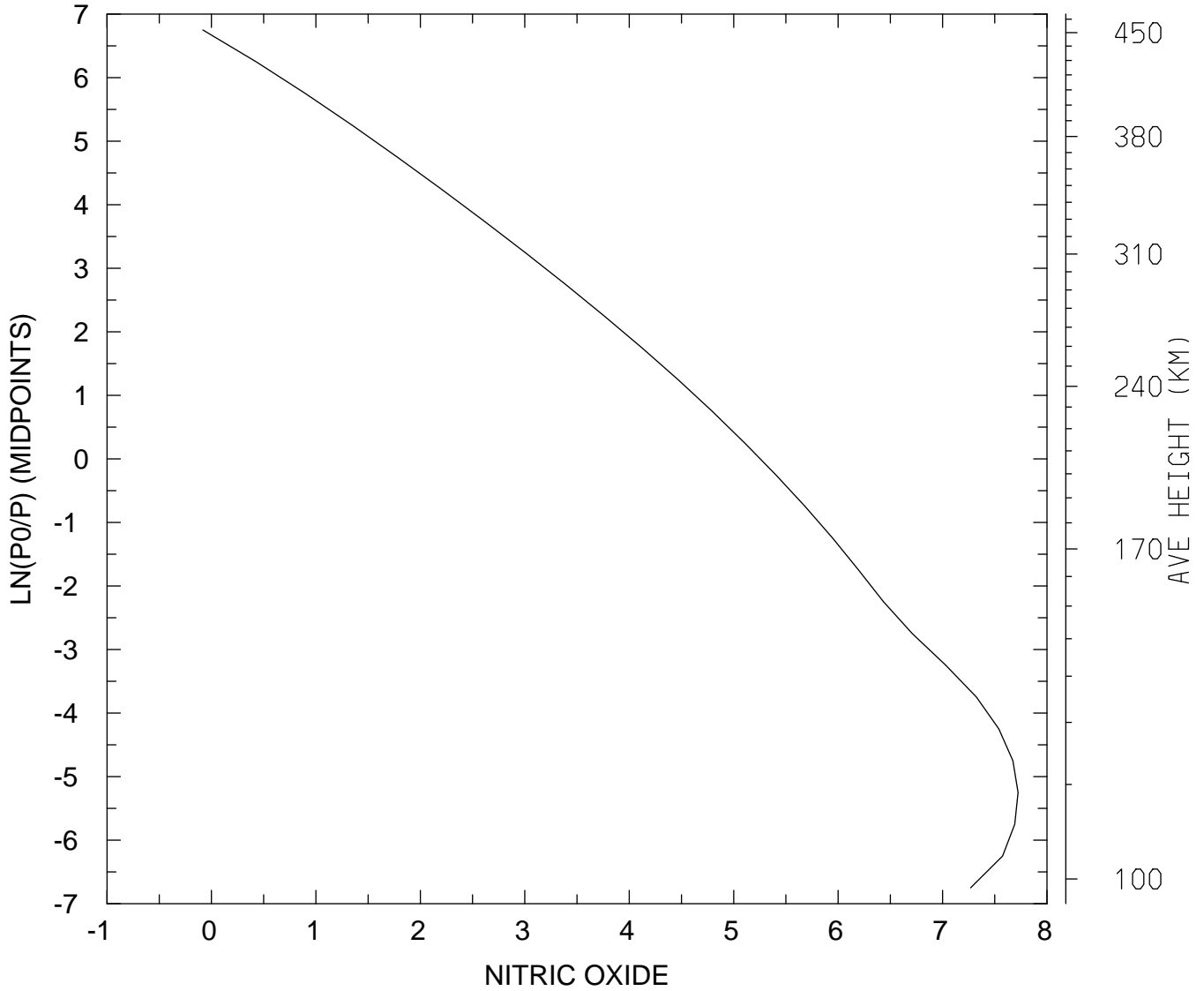
MIN,MAX= 3.4316E+00 9.1095E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 2.5084E+00 9.1016E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

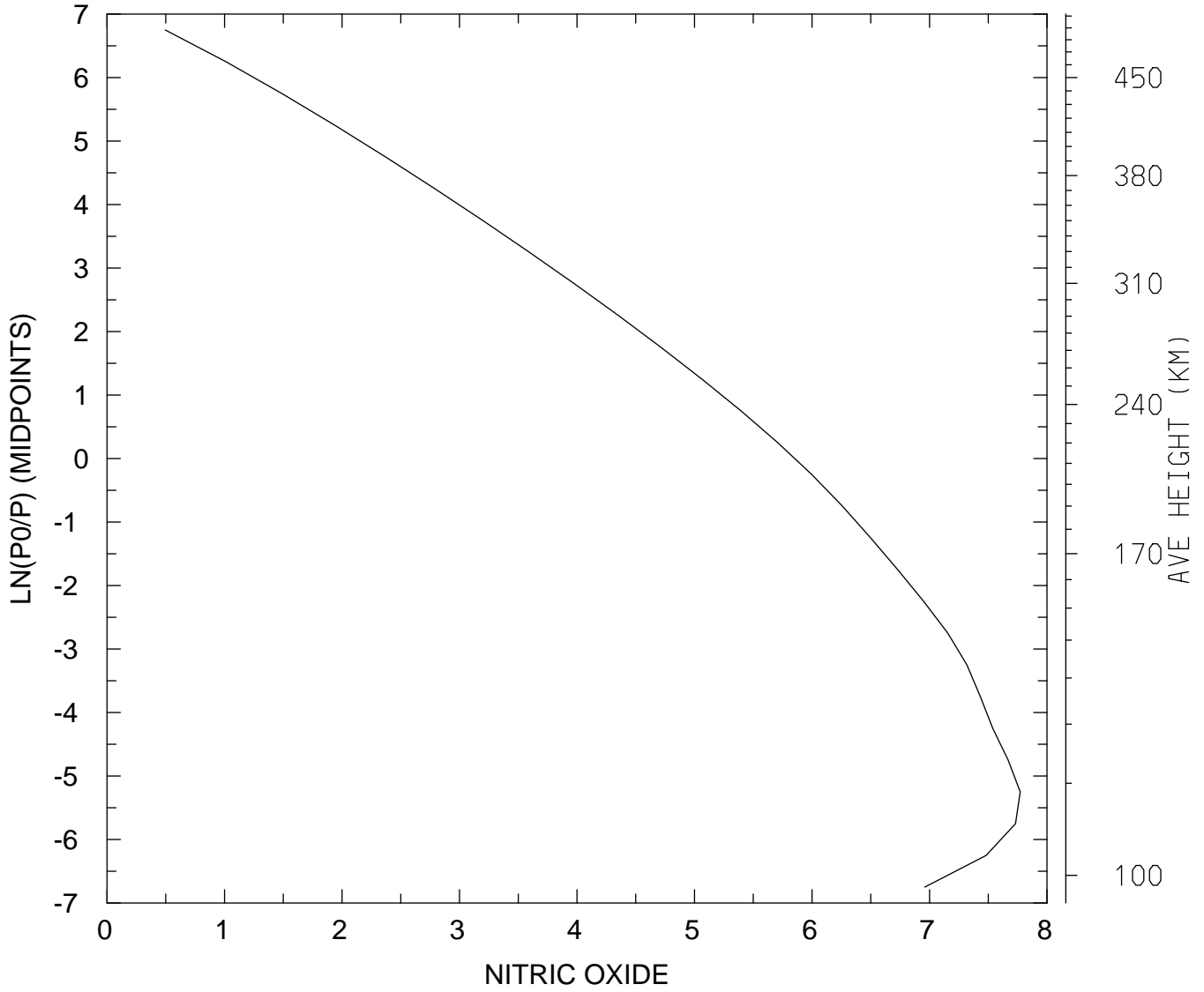
LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



MIN,MAX= 8.2750E-01 5.2782E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

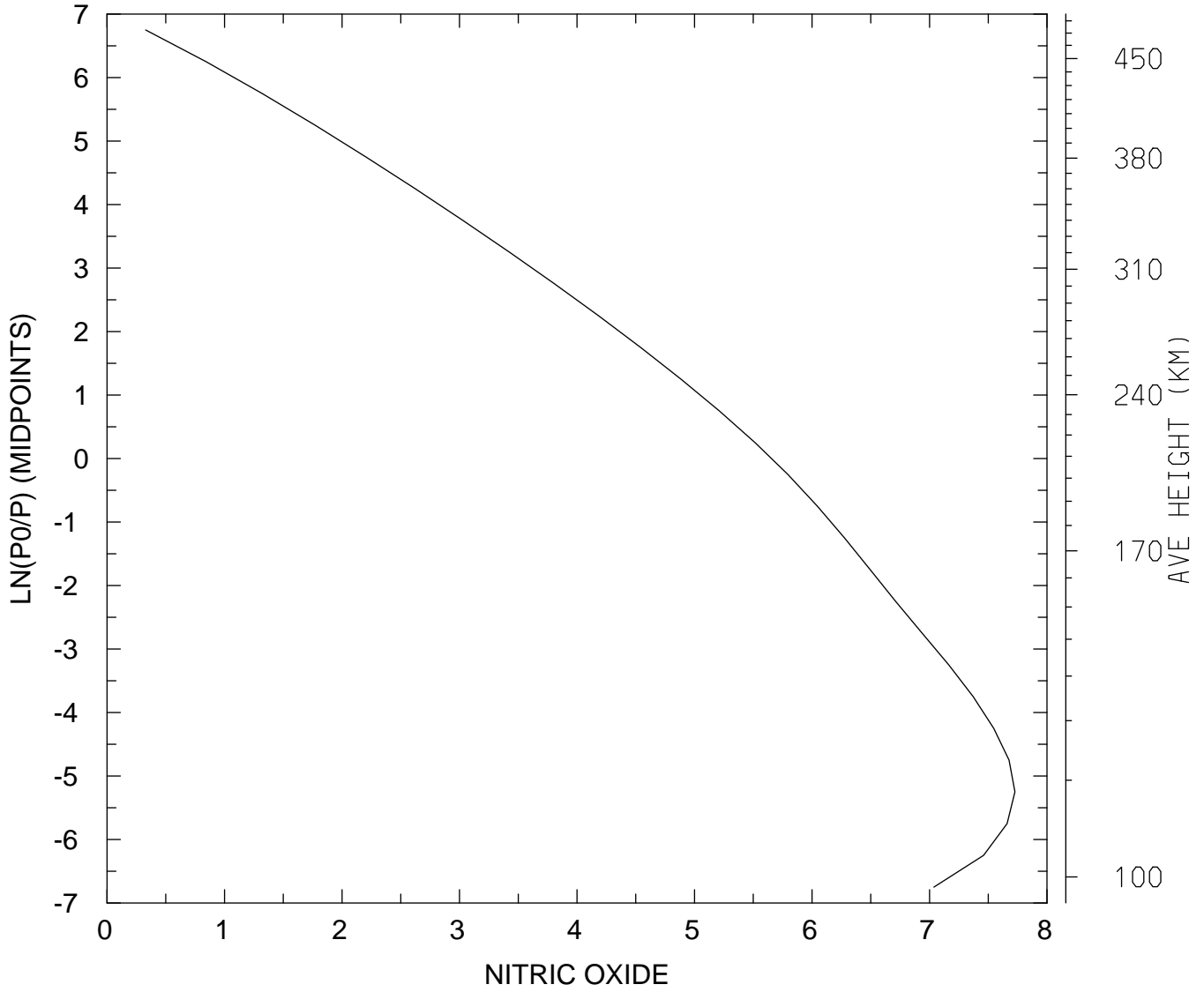


LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



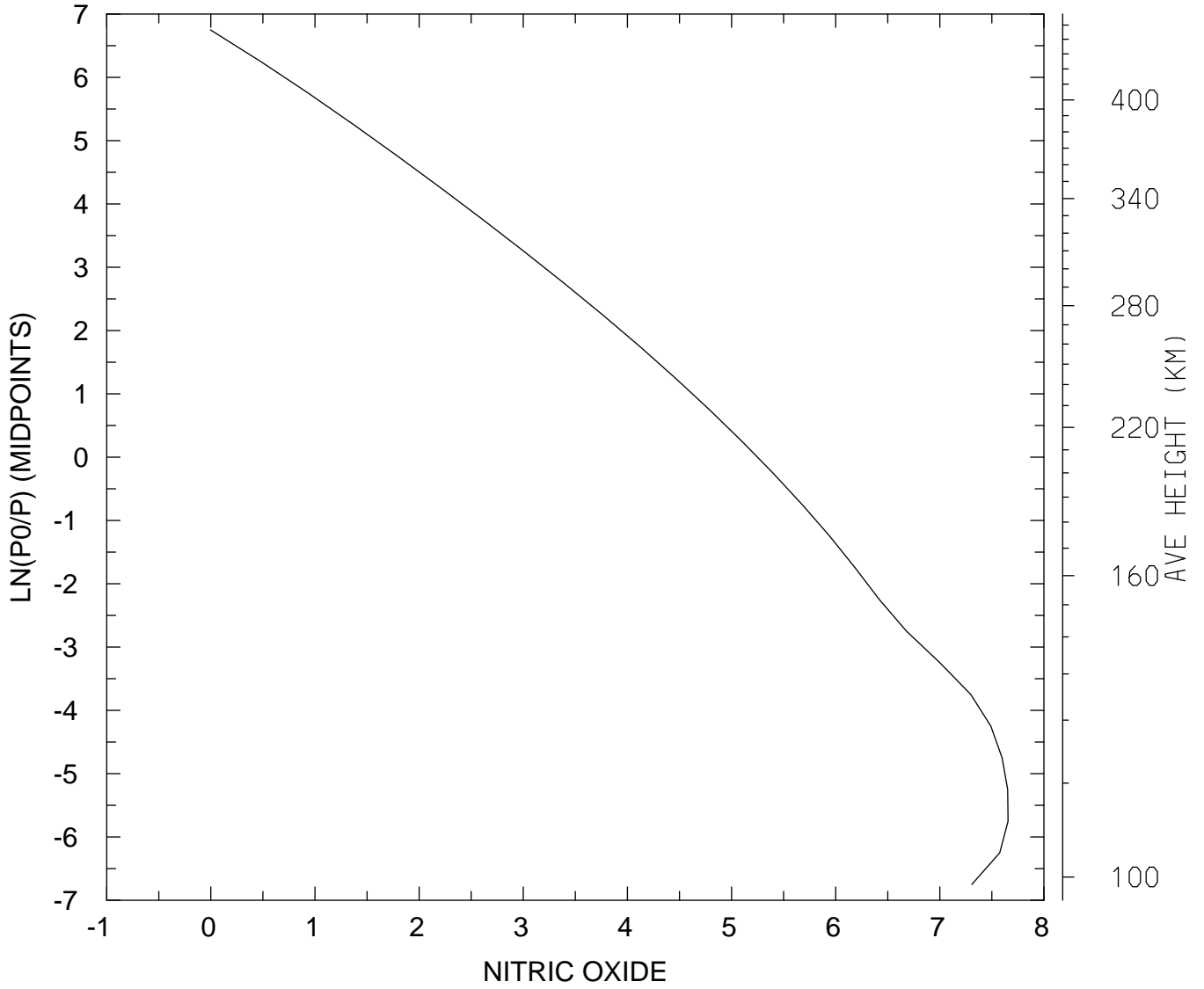
MIN,MAX= 3.1338E+00 5.9129E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



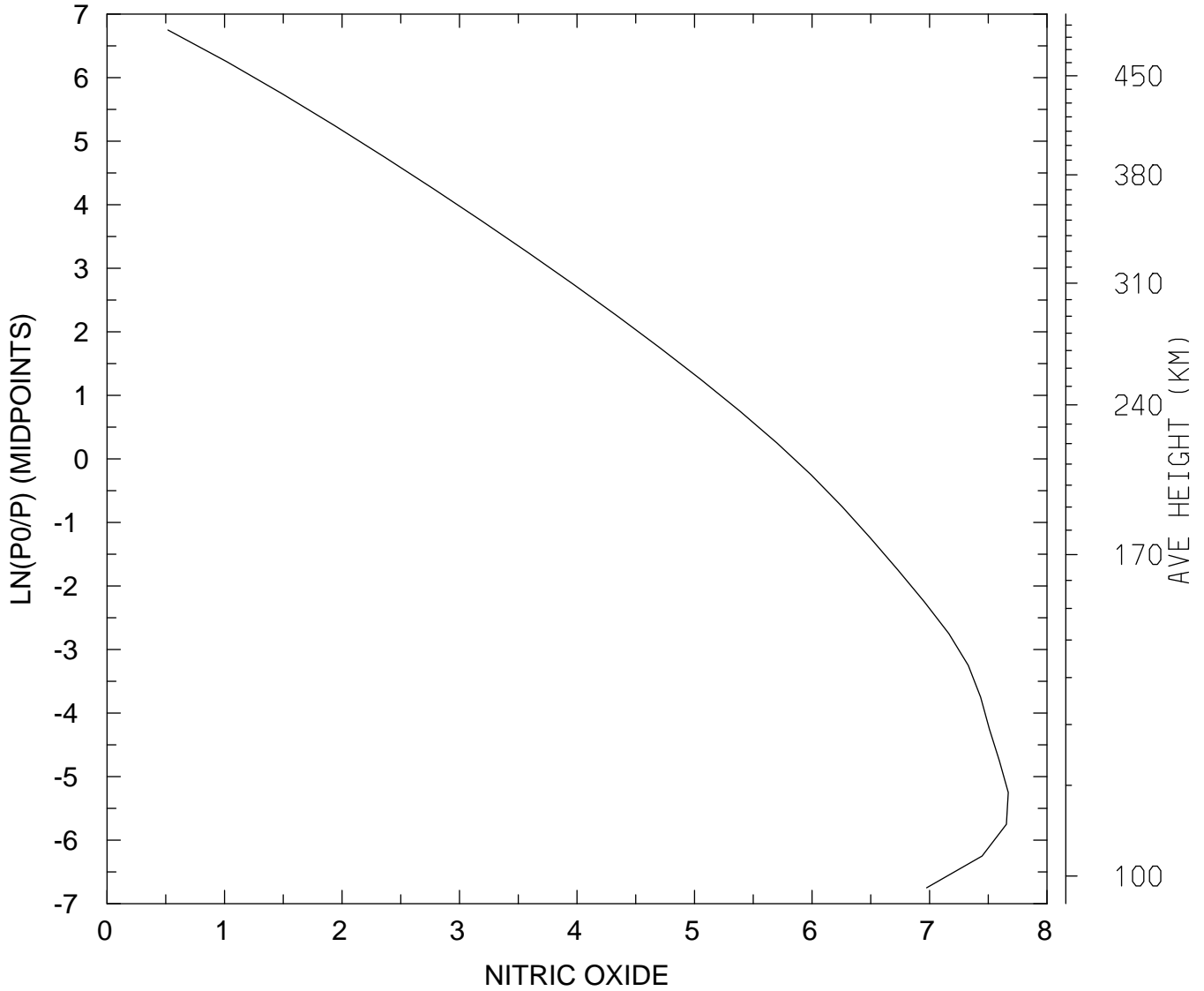
MIN,MAX= 2.1310E+00 5.3291E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



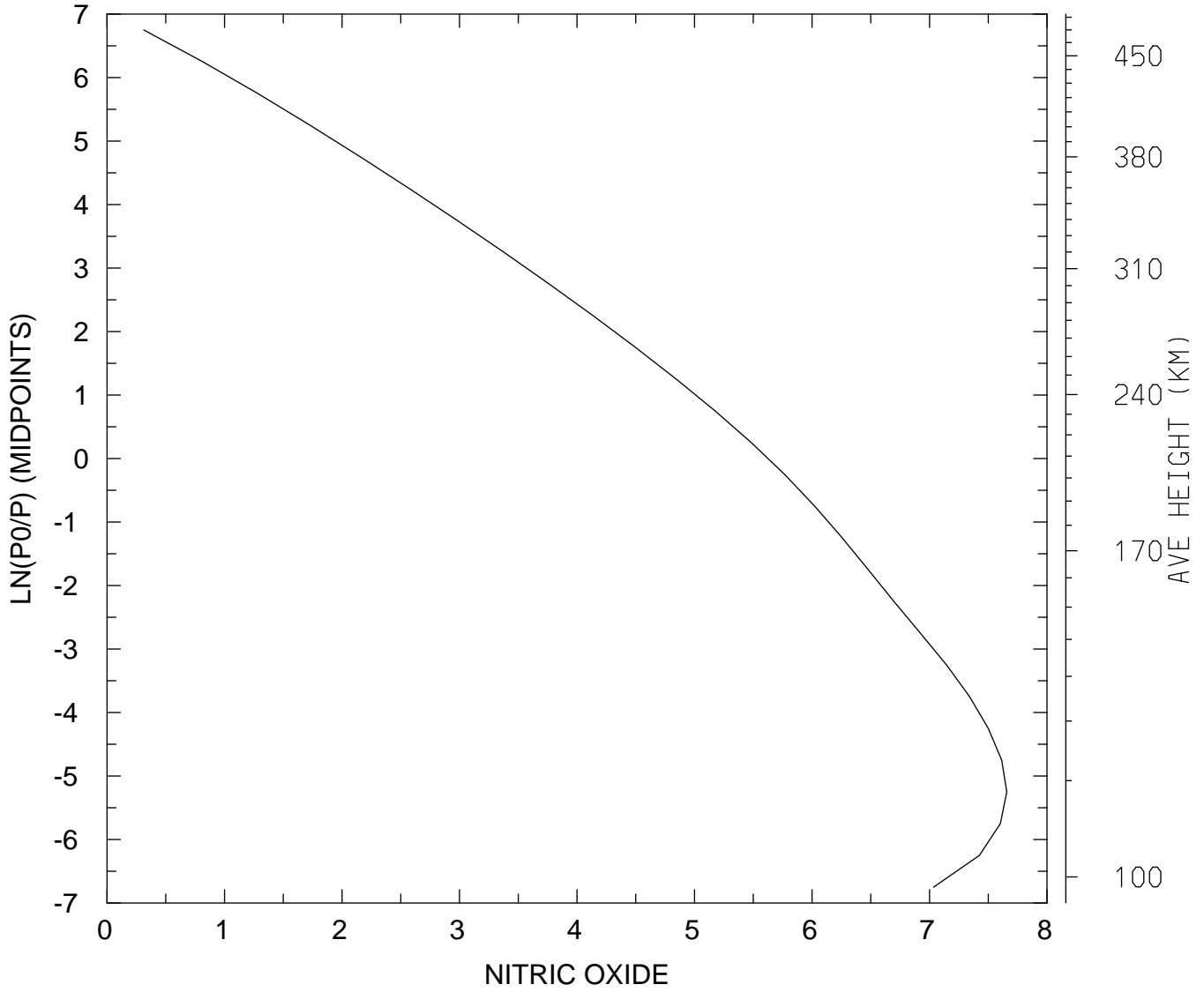
MIN,MAX= 9.9062E-01 4.5268E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



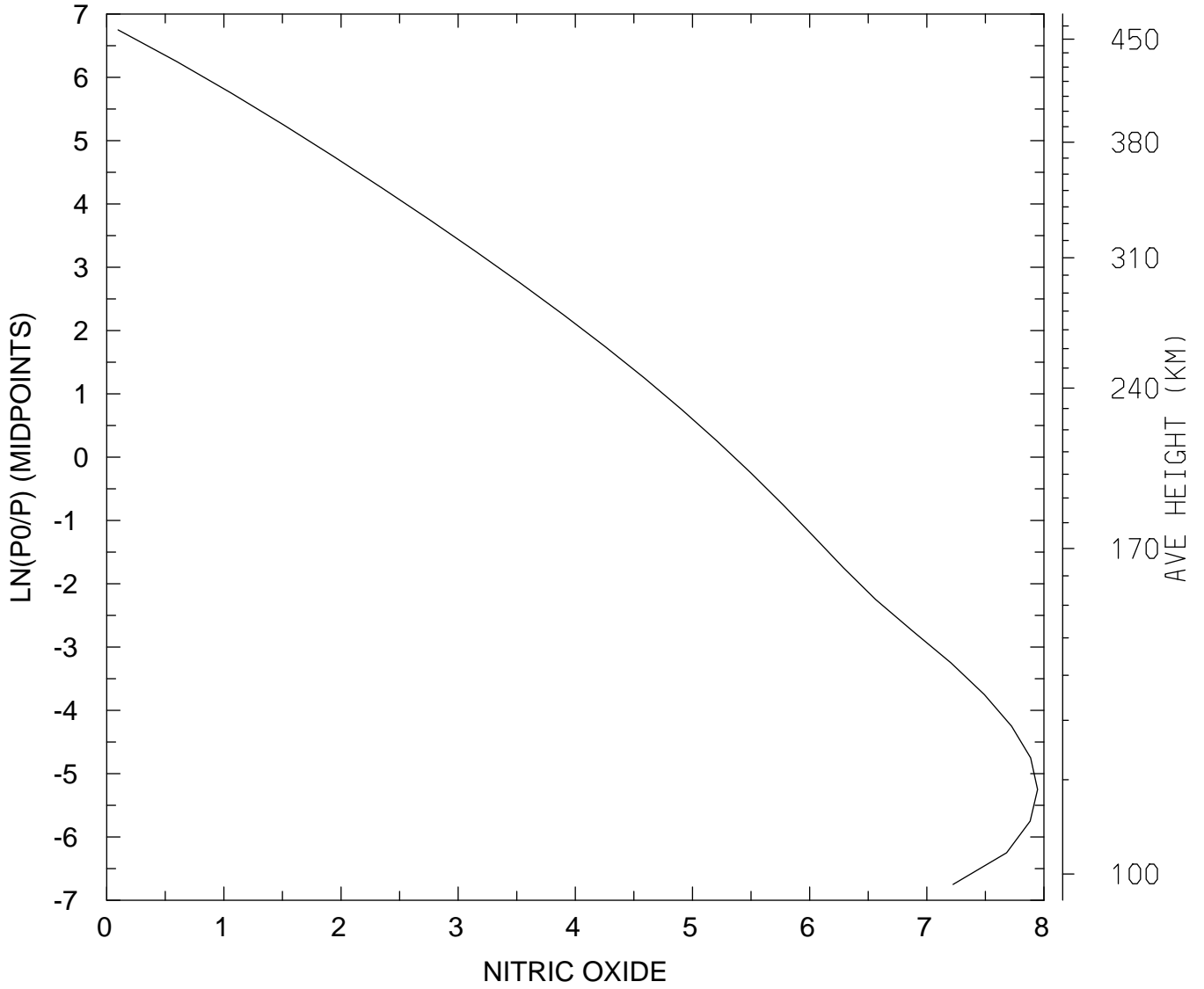
MIN,MAX= 3.2944E+00 4.6751E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



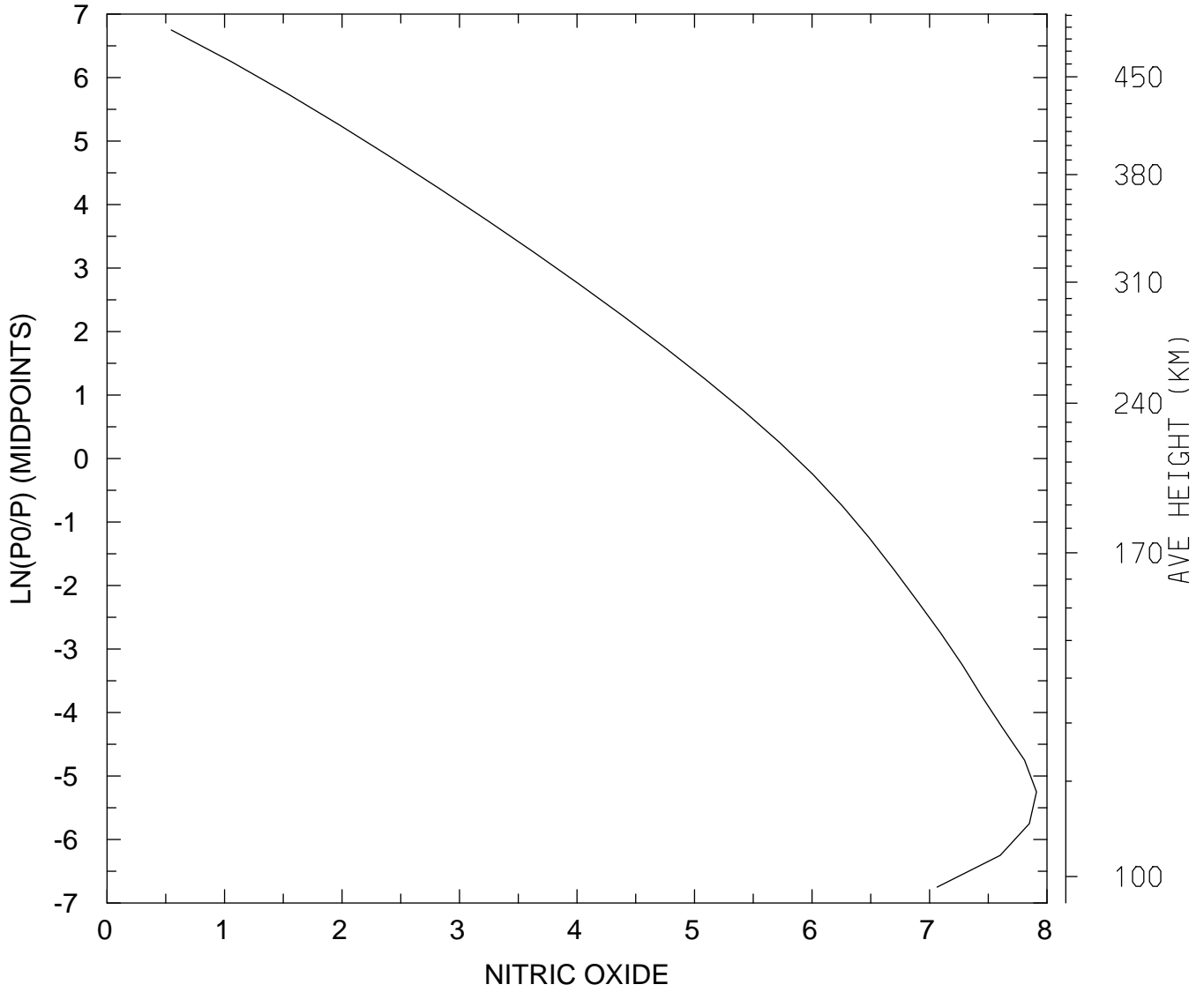
MIN,MAX= 2.0546E+00 4.5476E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



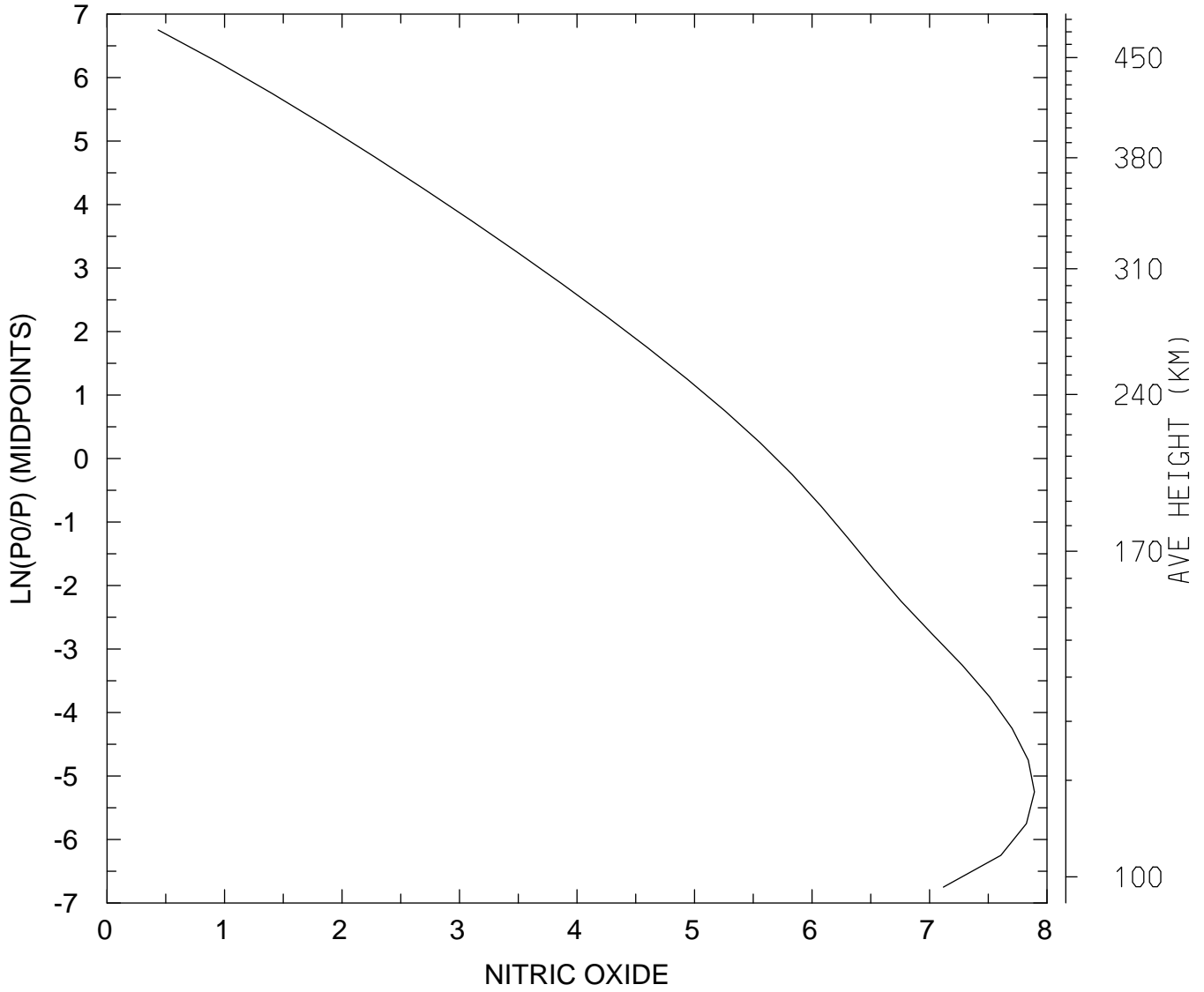
MIN,MAX= 1.2498E+00 8.8167E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



MIN,MAX= 3.5161E+00 8.1300E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

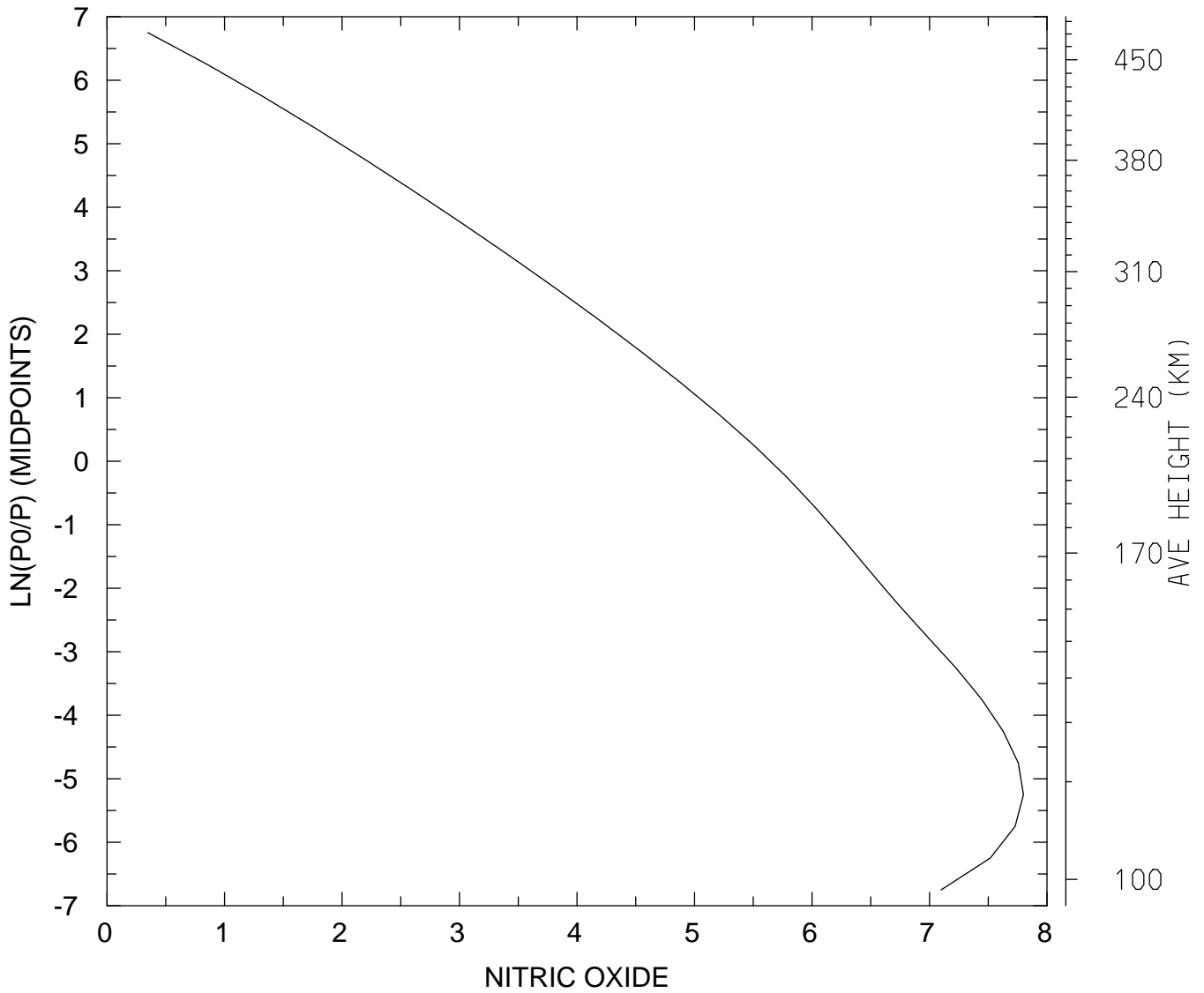
LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



MIN,MAX= 2.7200E+00 7.8136E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

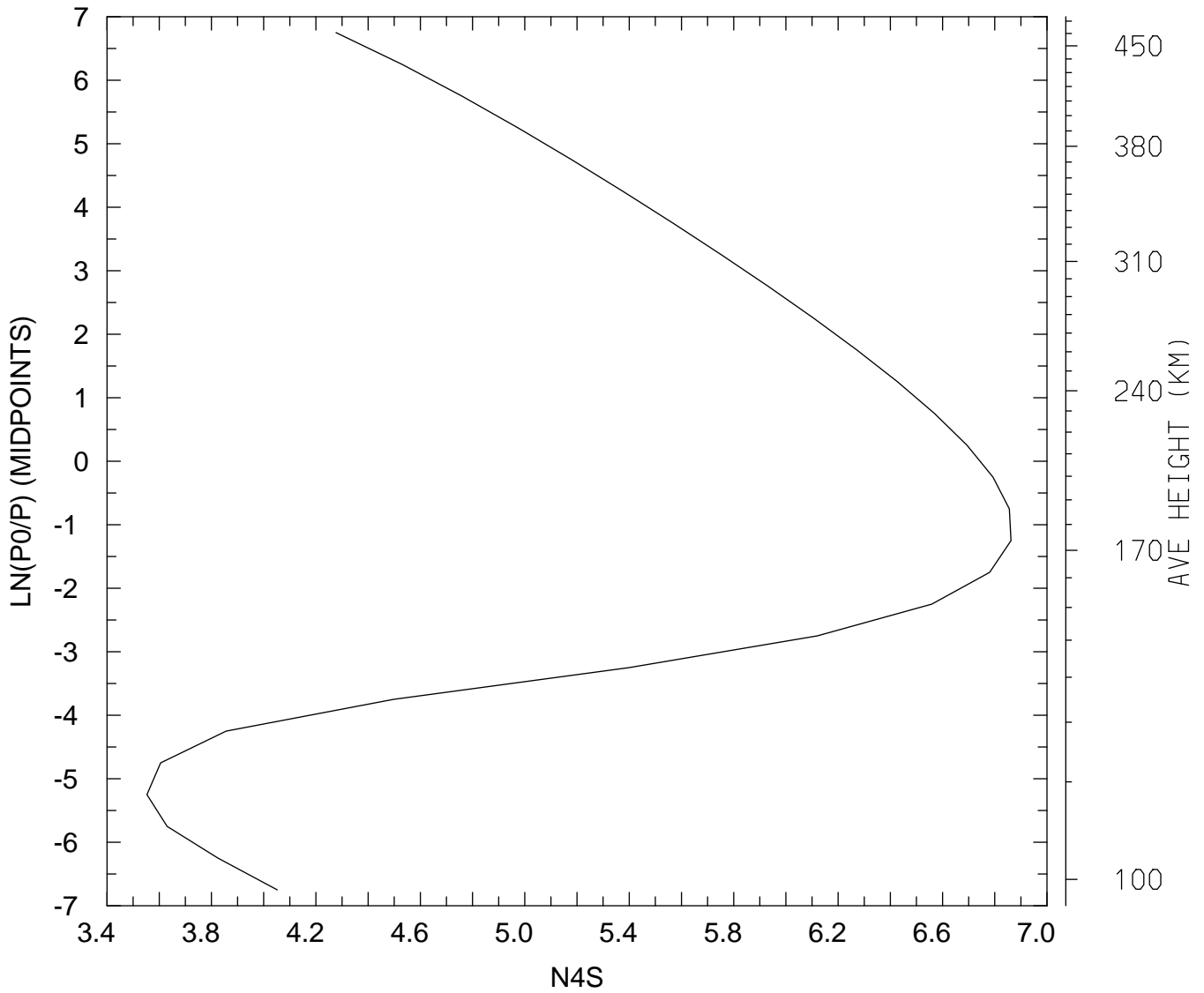


LOG10 NITRIC OXIDE (CM3)  
UT= 0.00 GLOBAL MEANS



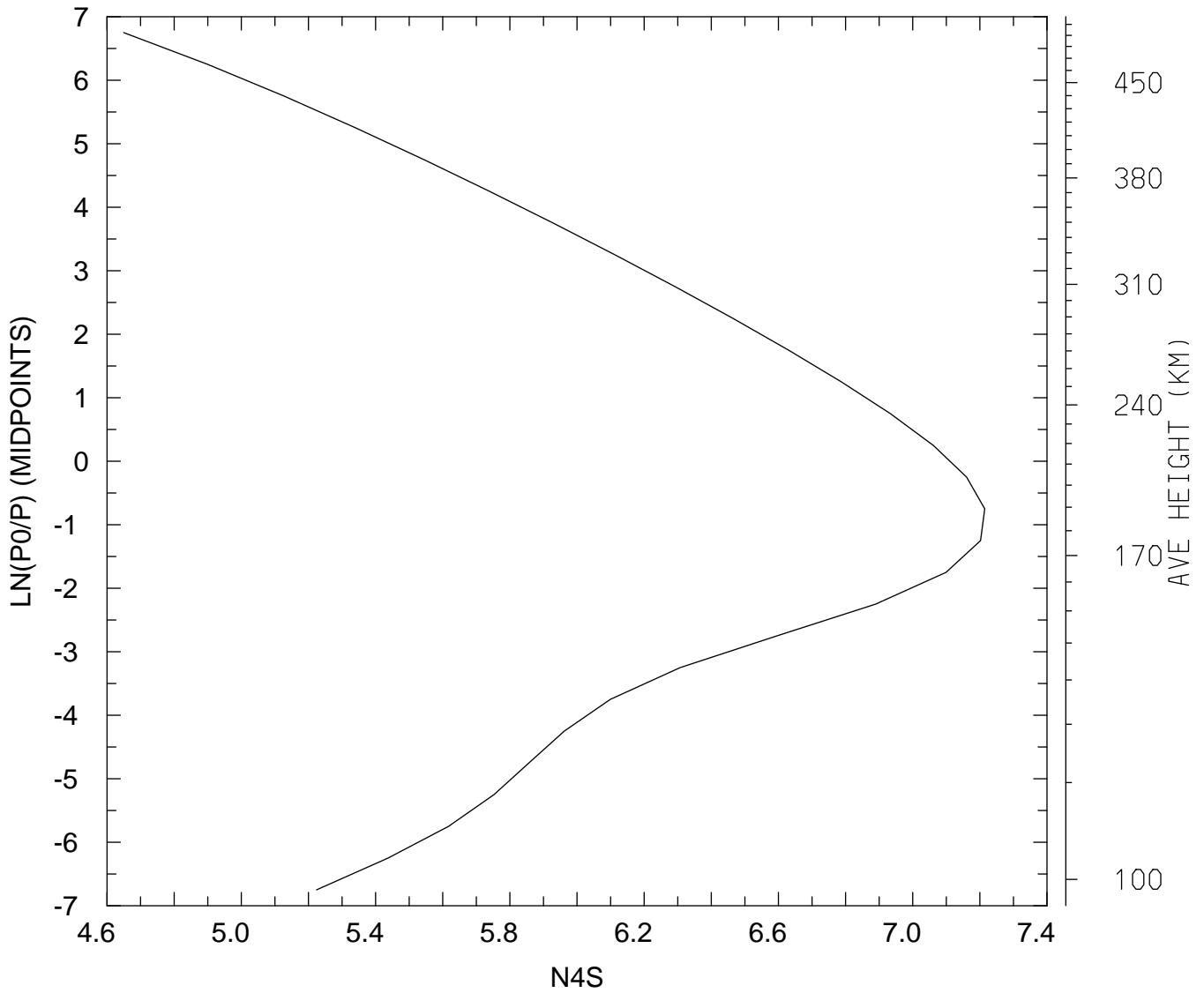
MIN,MAX= 2.2236E+00 6.3106E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



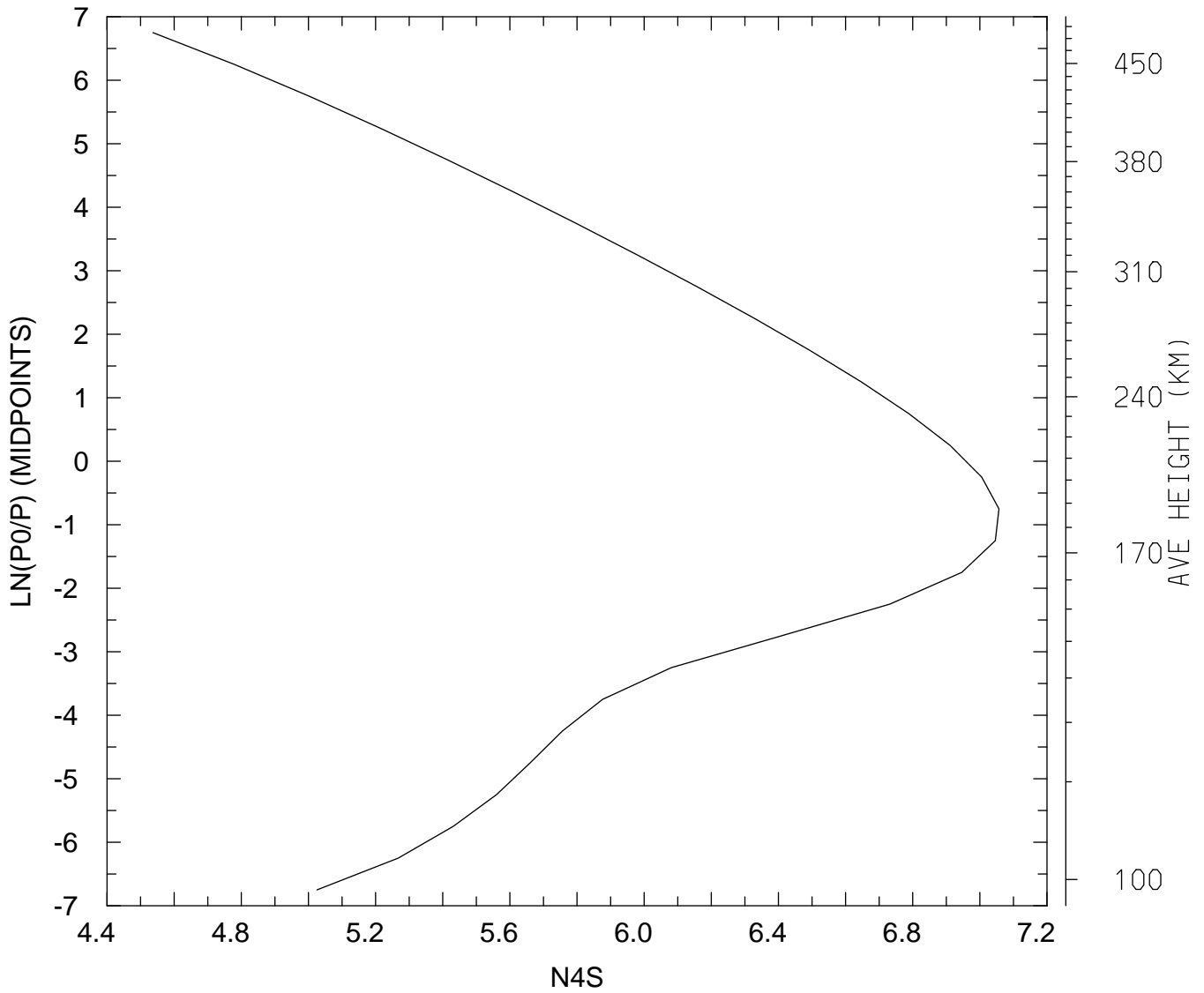
MIN,MAX= 3.5711E+03 7.2820E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



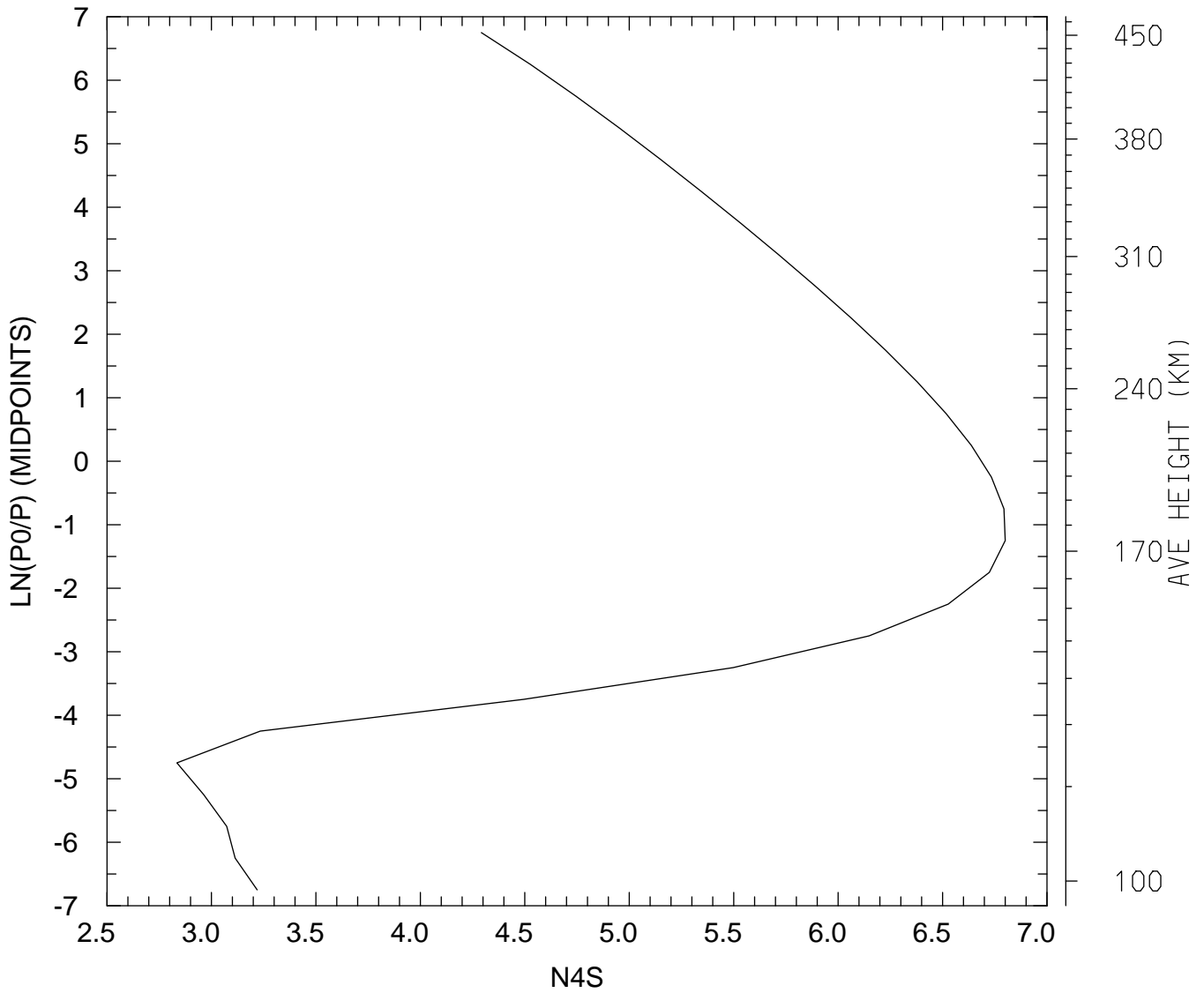
MIN,MAX= 4.4641E+04 1.6382E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



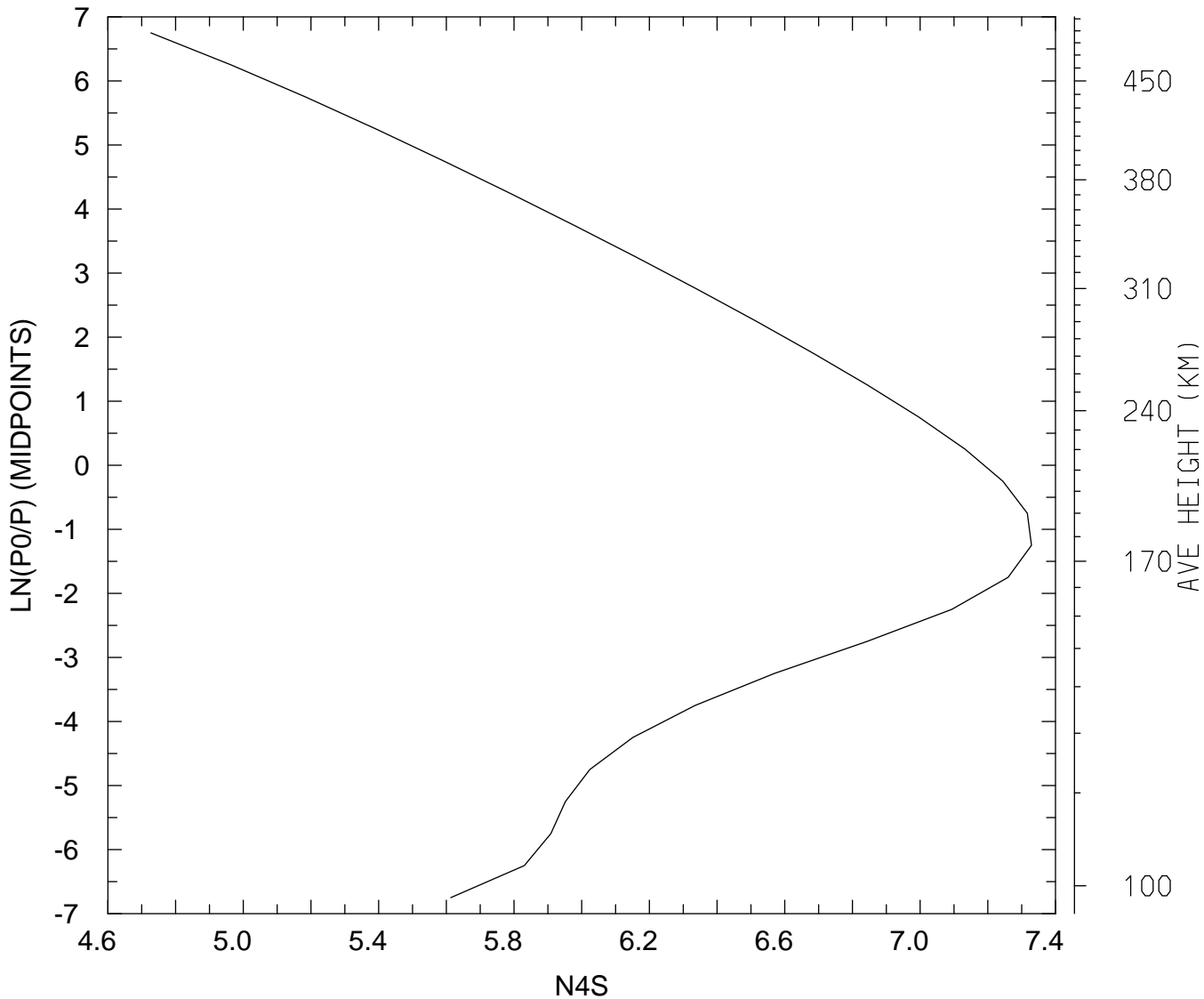
MIN,MAX= 3.4405E+04 1.1402E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



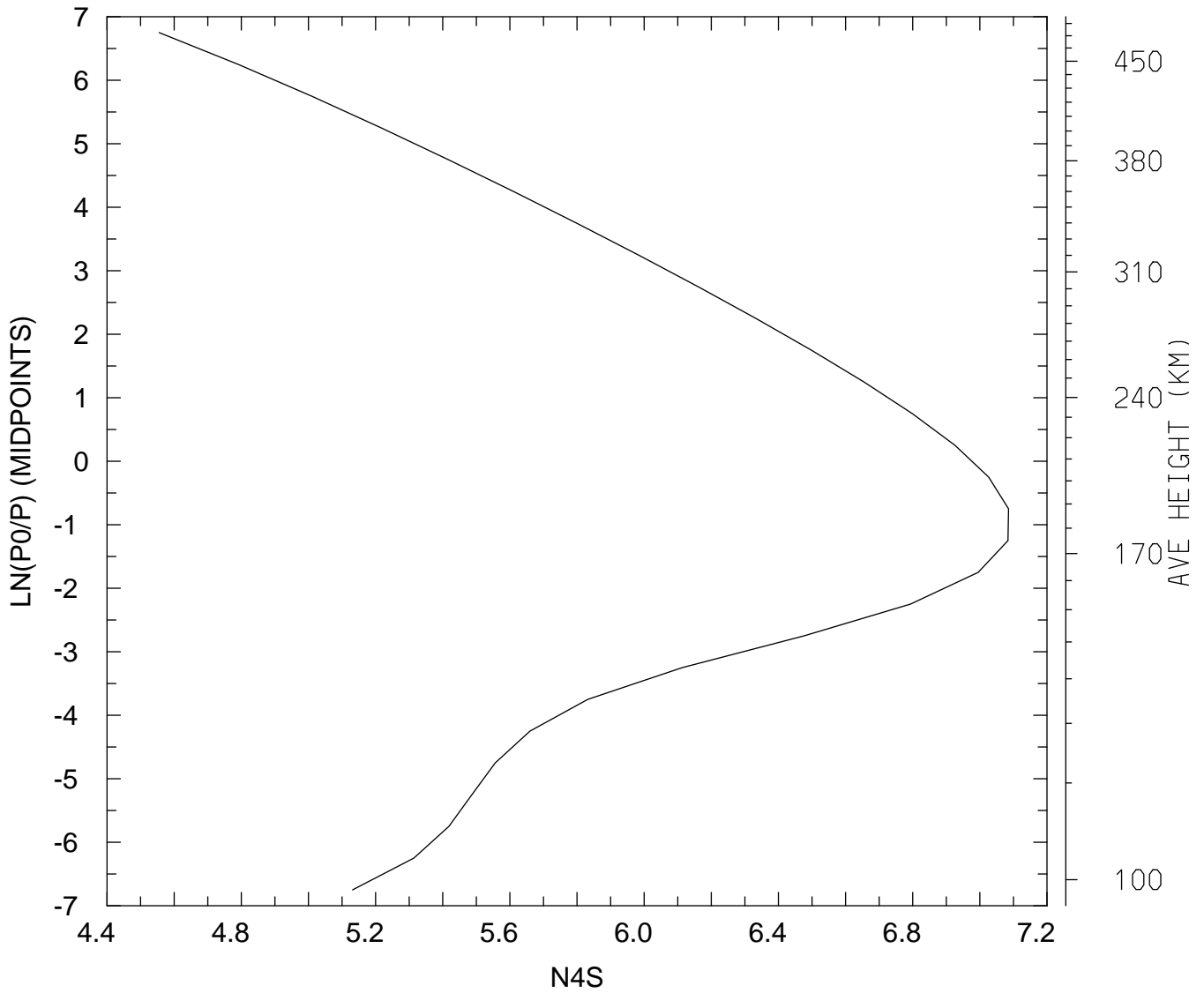
MIN,MAX= 6.8339E+02 6.3081E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



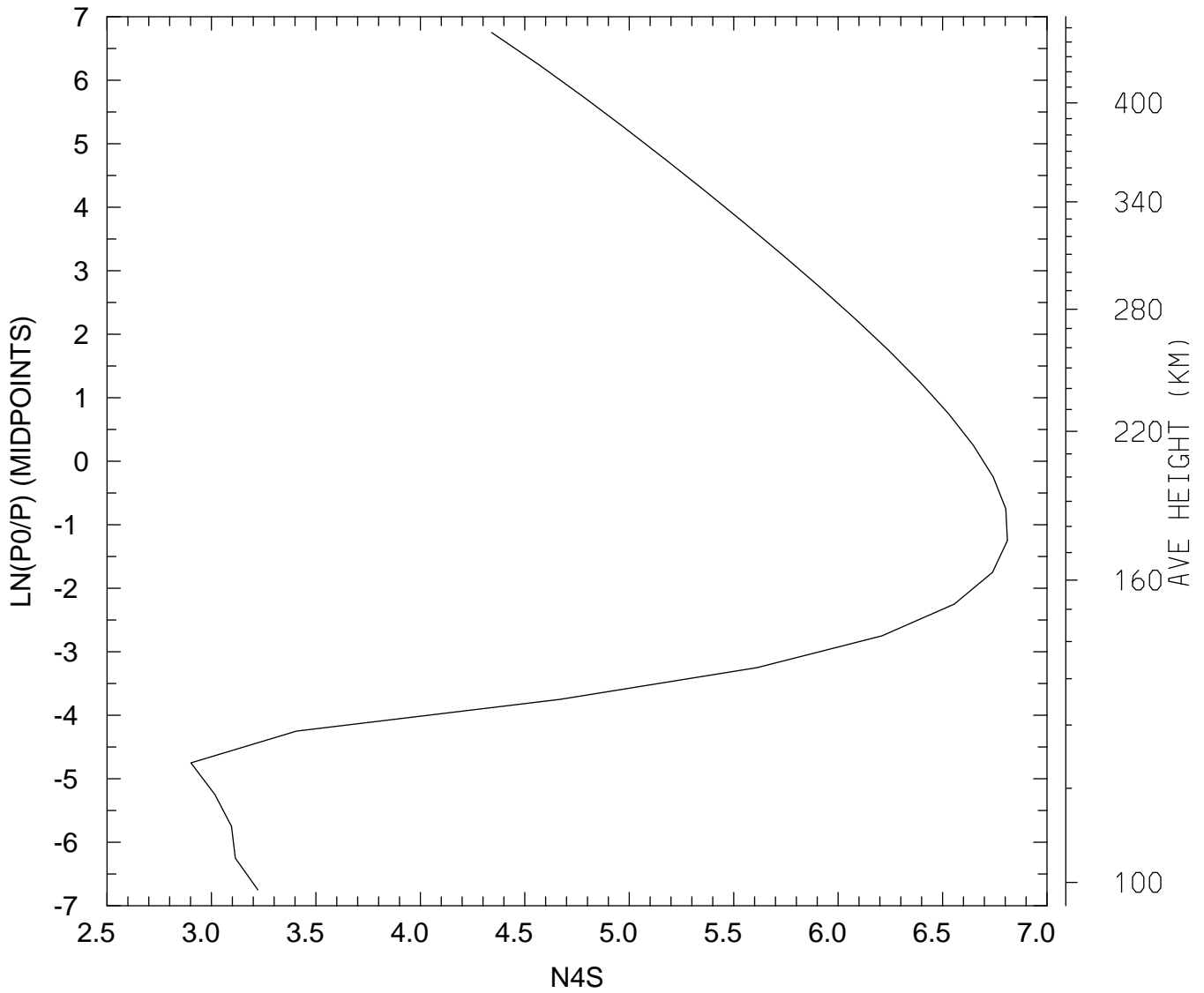
MIN,MAX= 5.3344E+04 2.1330E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



MIN,MAX= 3.5928E+04 1.2177E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

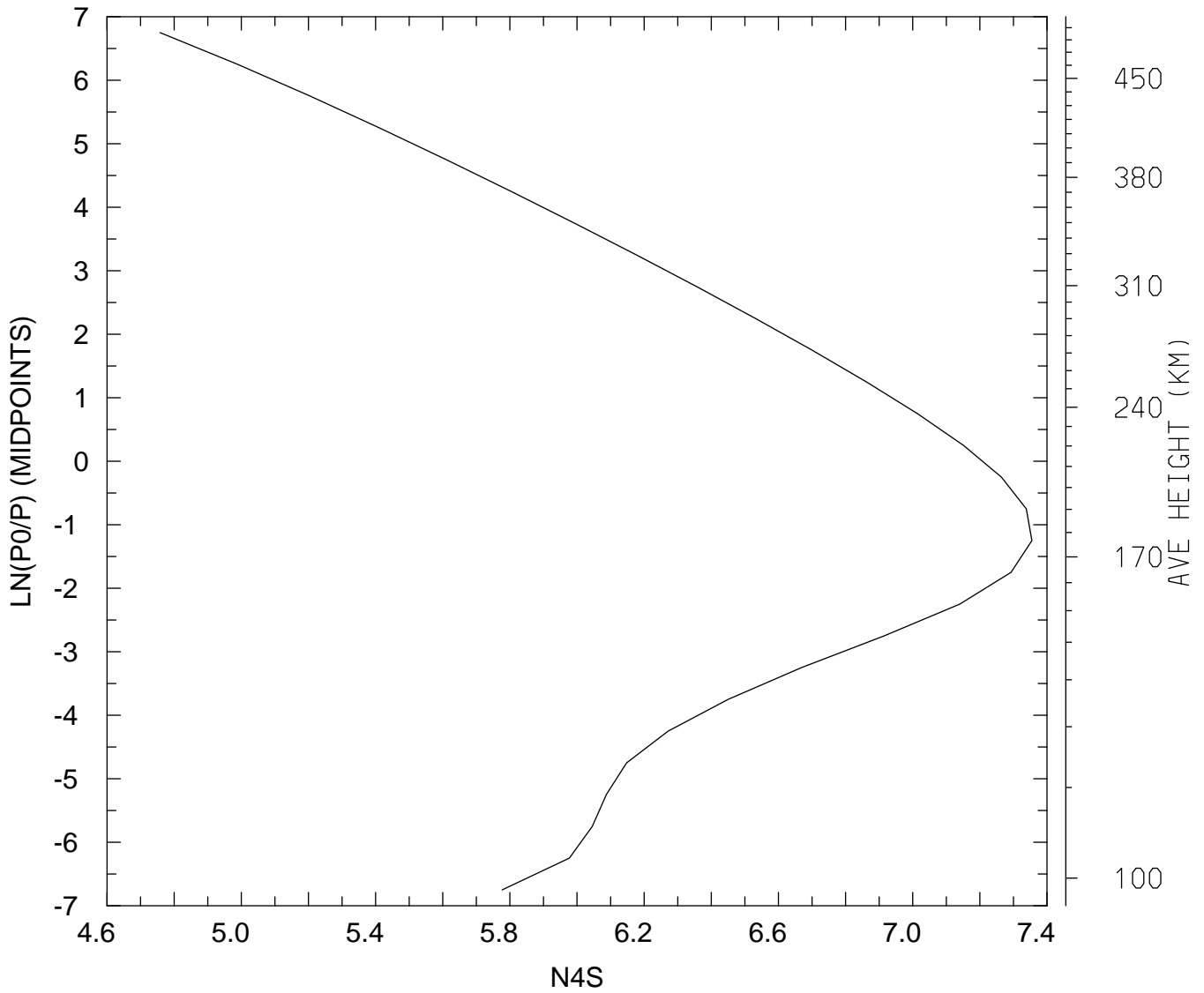
LOG10 N4S (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



MIN,MAX= 7.9730E+02 6.4574E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

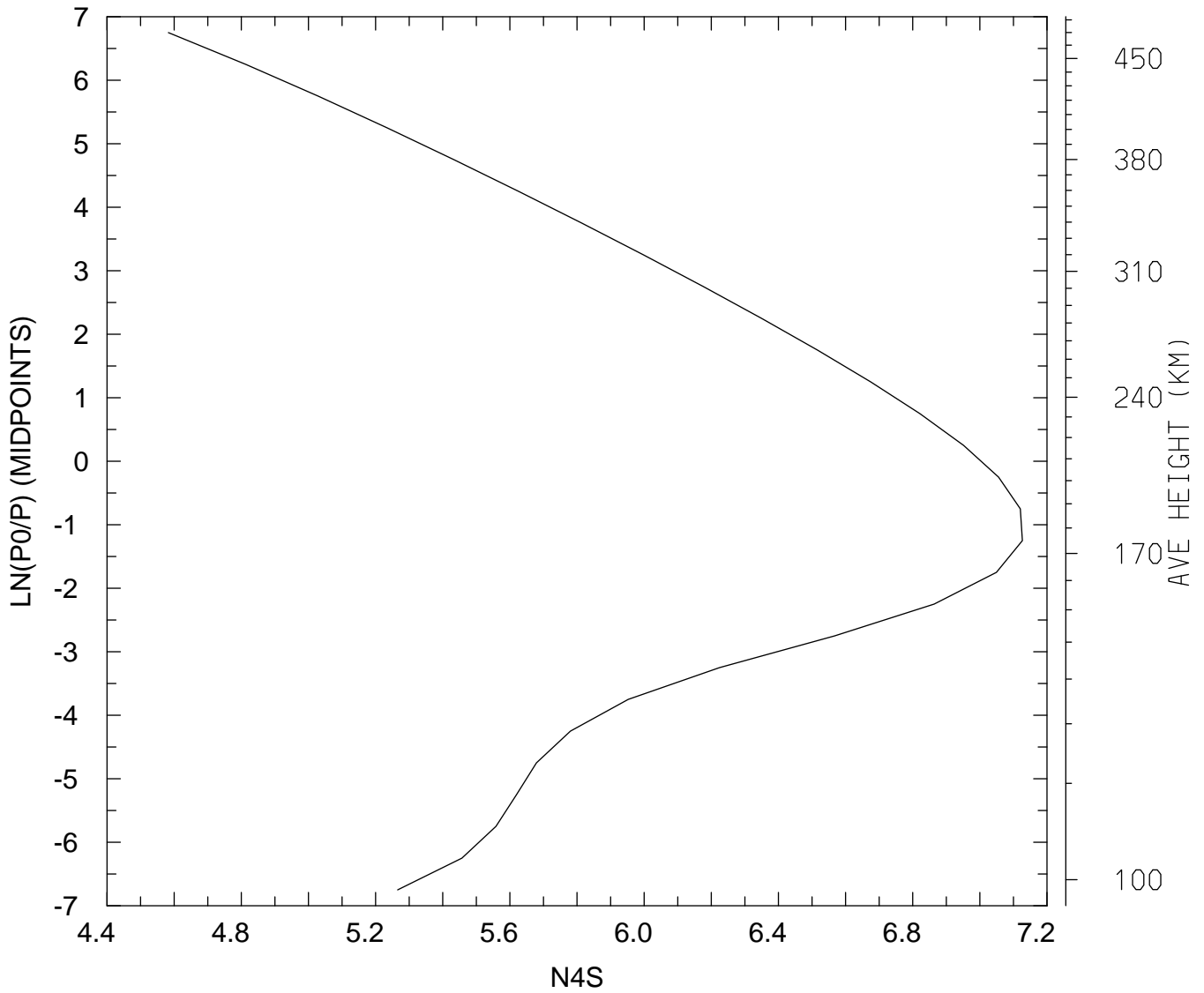


LOG10 N4S (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



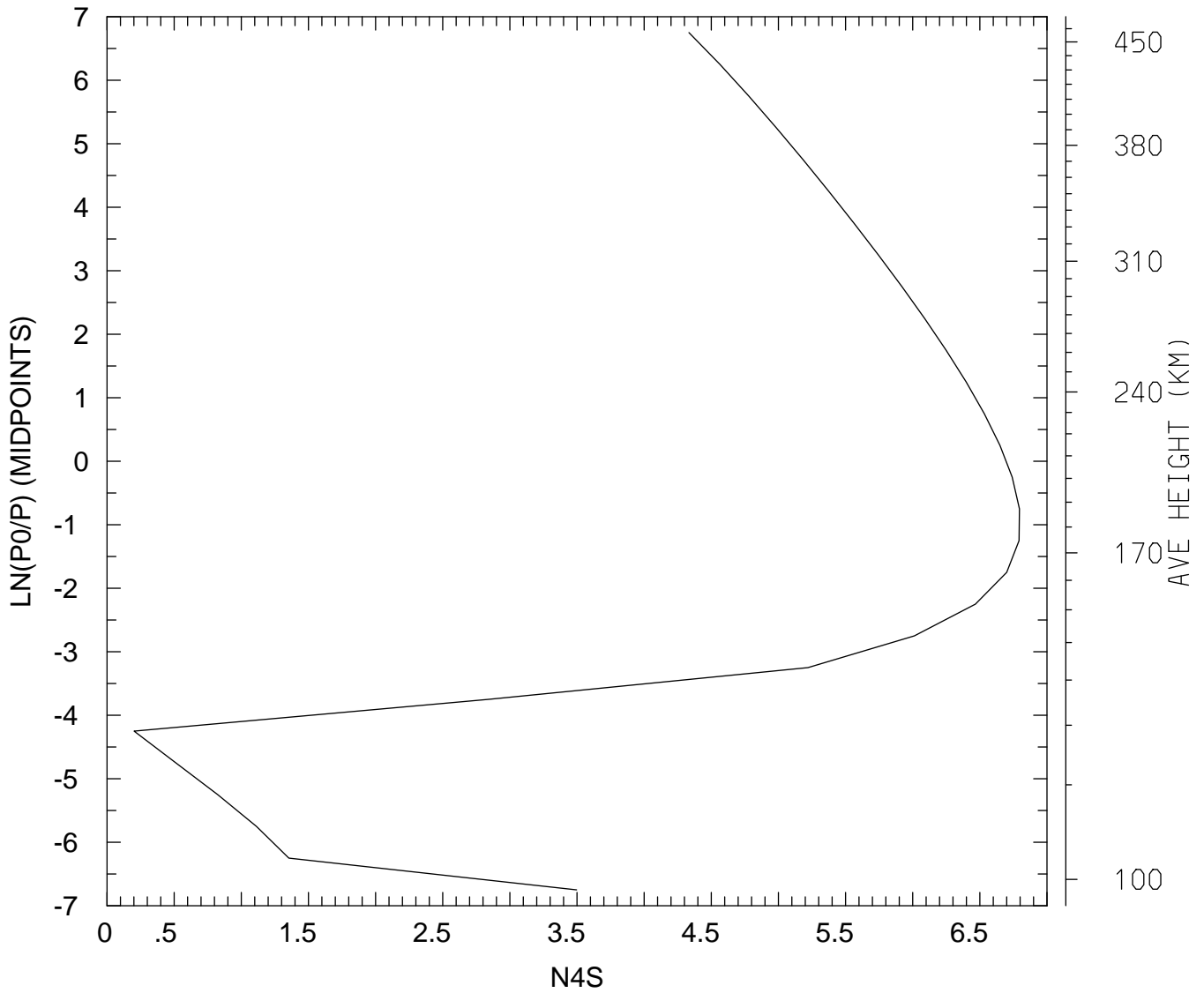
MIN,MAX= 5.7298E+04 2.2646E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



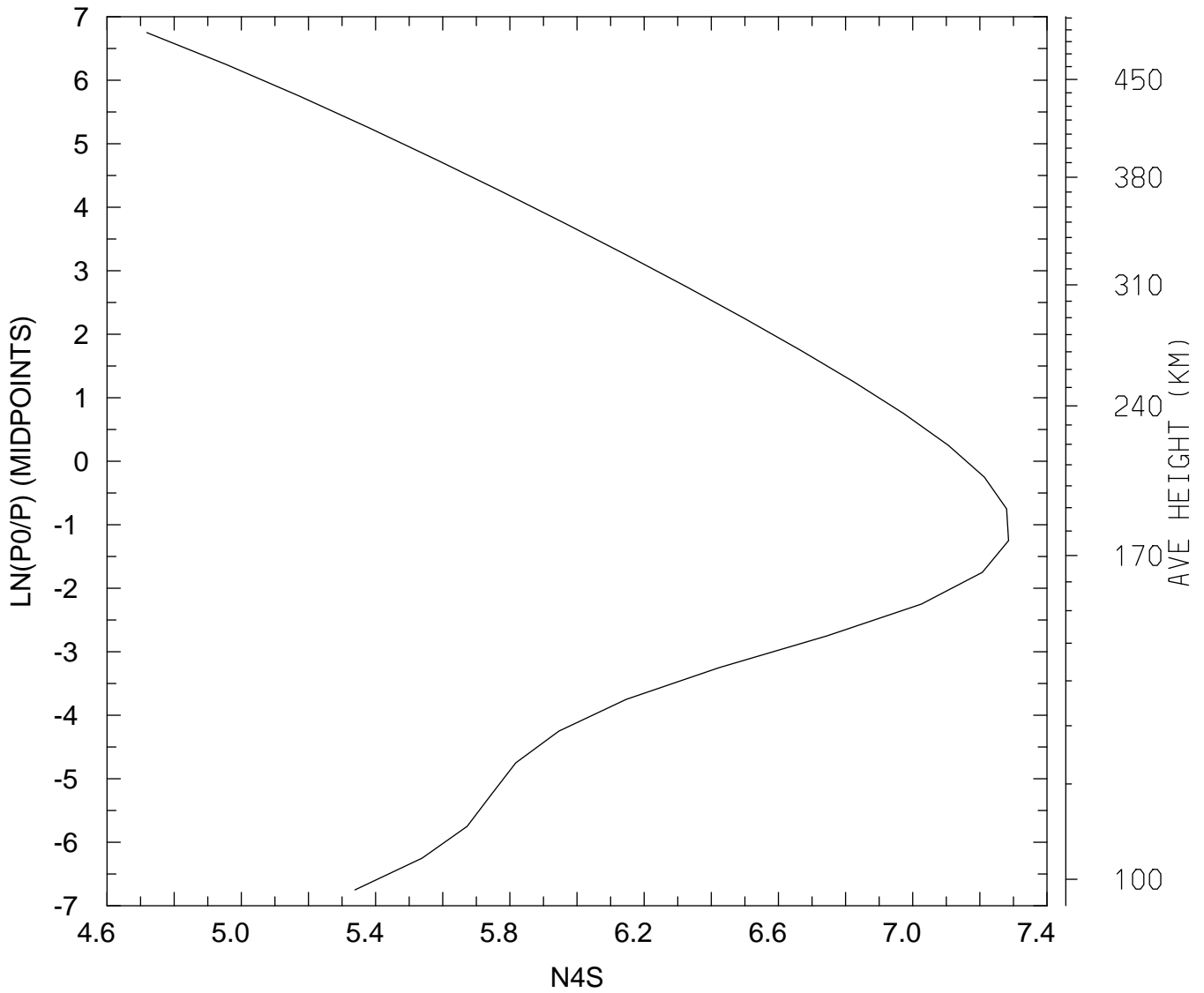
MIN,MAX= 3.8264E+04 1.3386E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



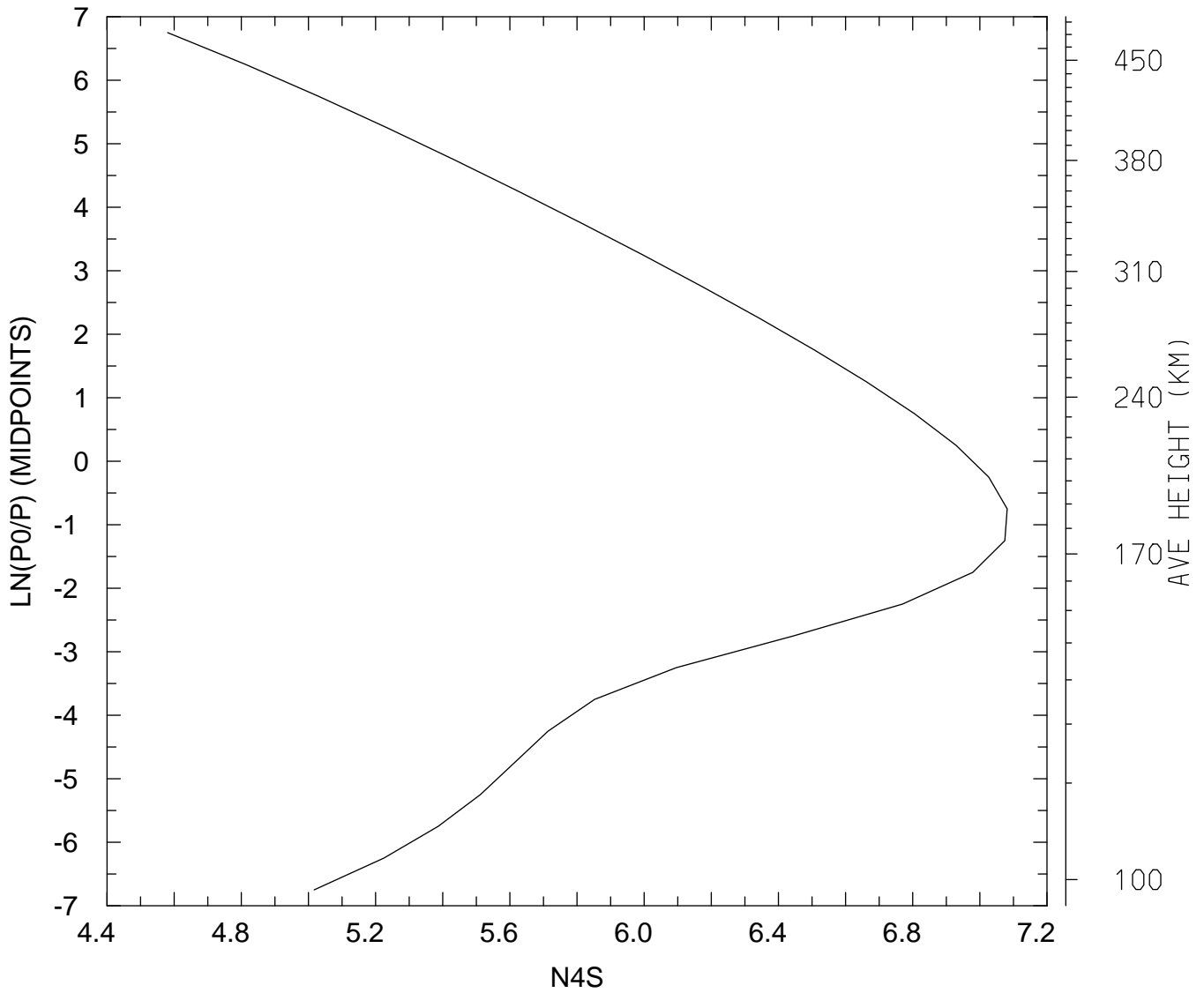
MIN,MAX= 1.5920E+00 6.2373E+06  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



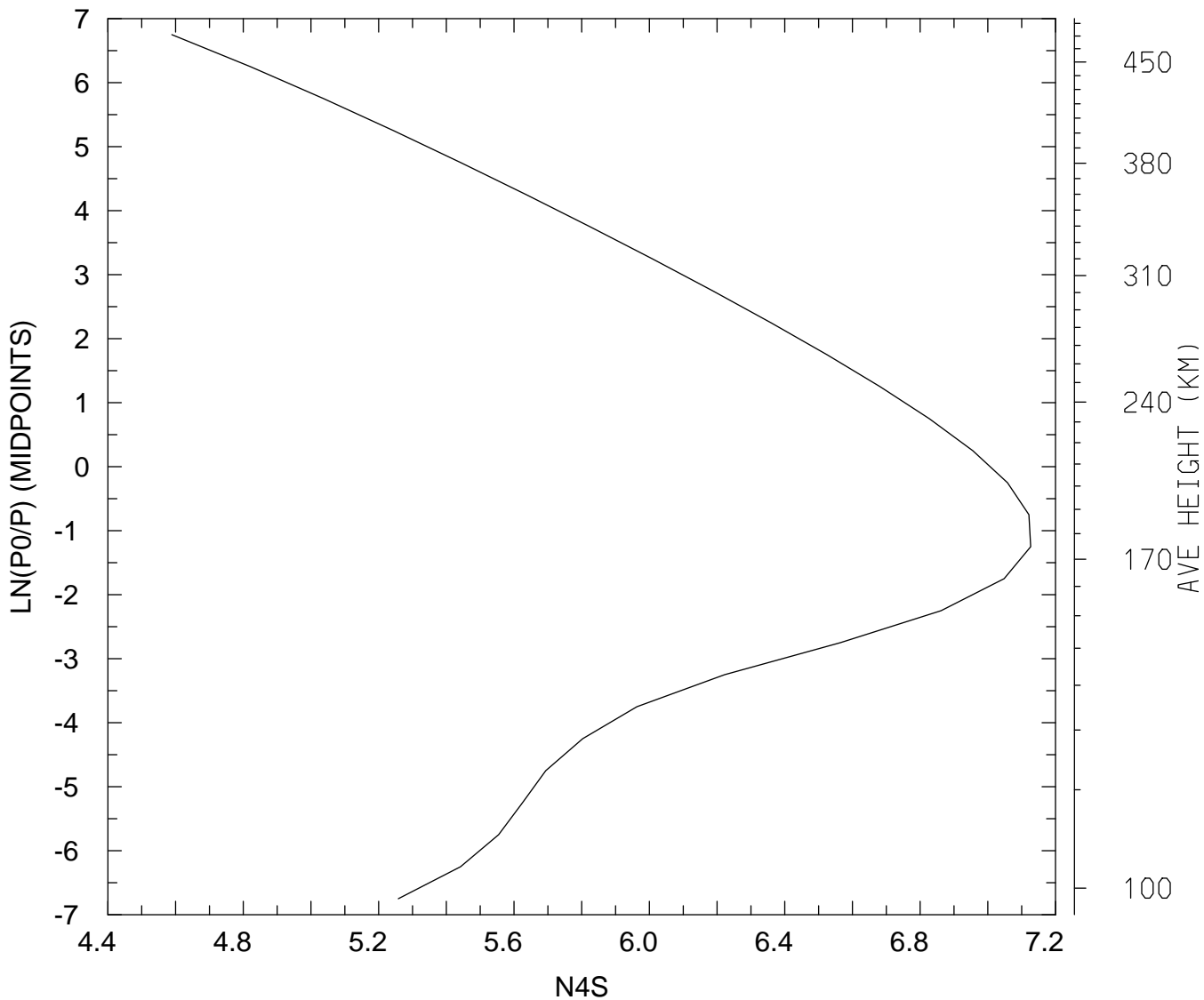
MIN,MAX= 5.2305E+04 1.9298E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



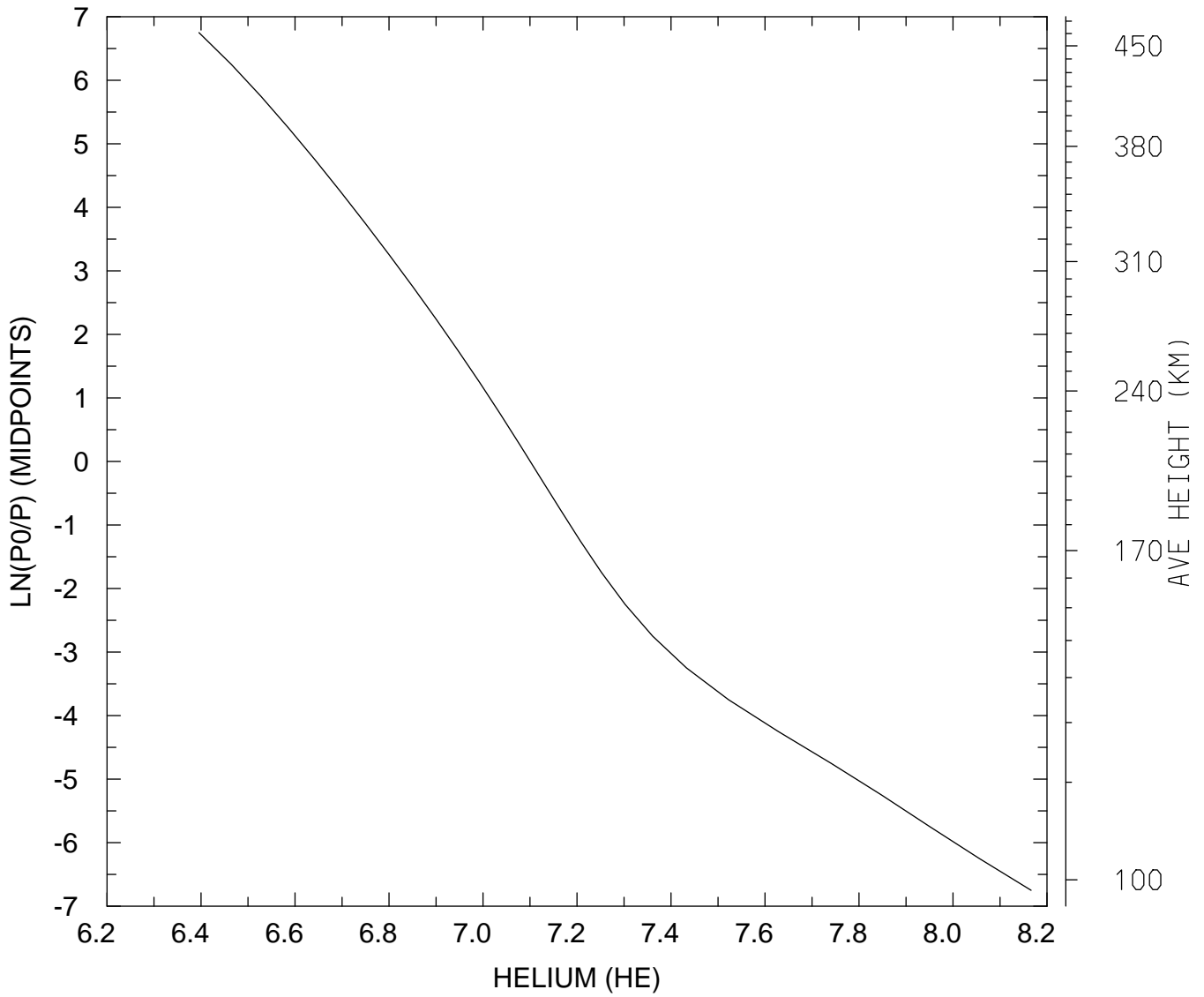
MIN,MAX= 3.8057E+04 1.2061E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
UT= 0.00 GLOBAL MEANS



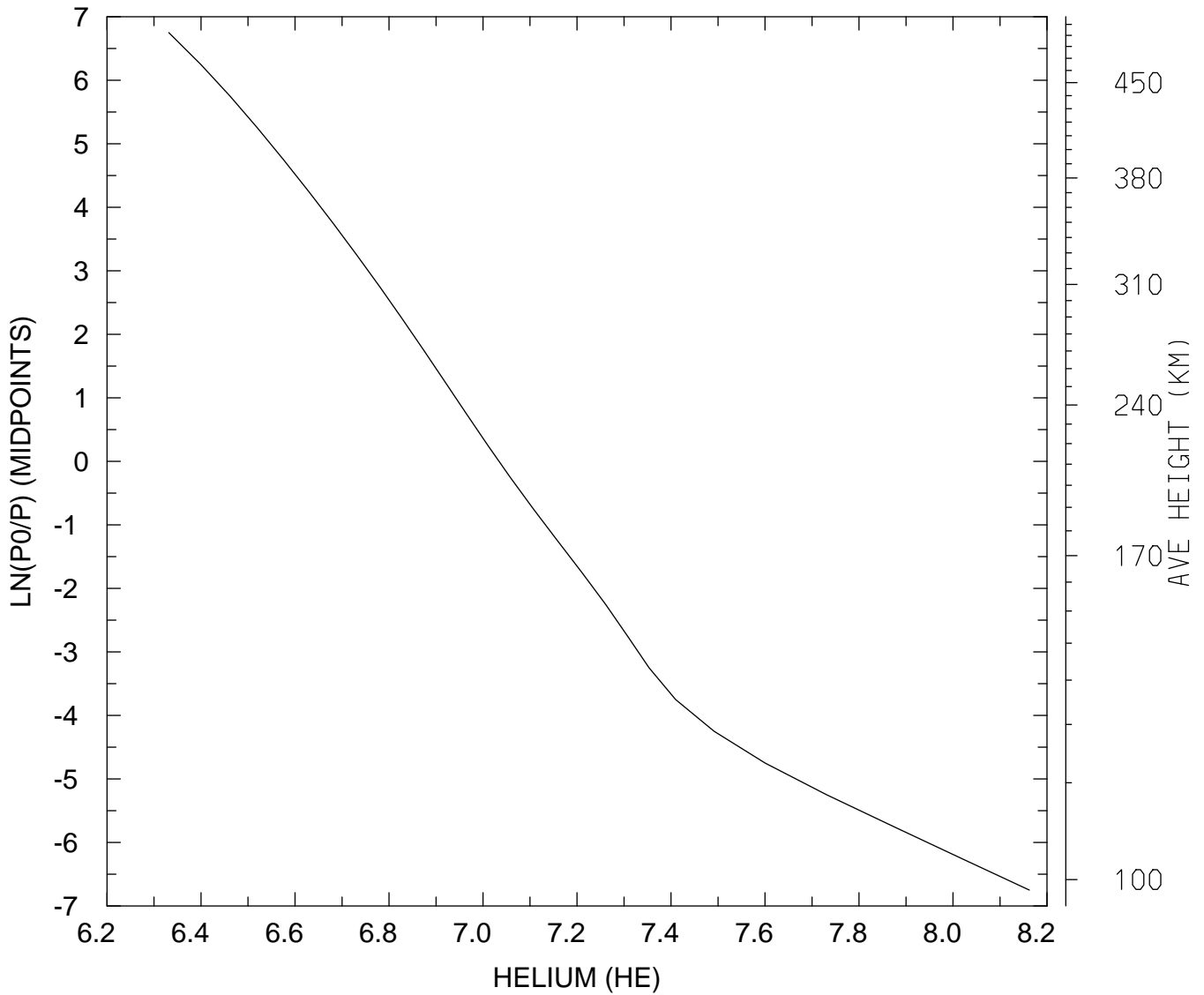
MIN,MAX= 3.8803E+04 1.3383E+07  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 2.4862E+06 1.4656E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

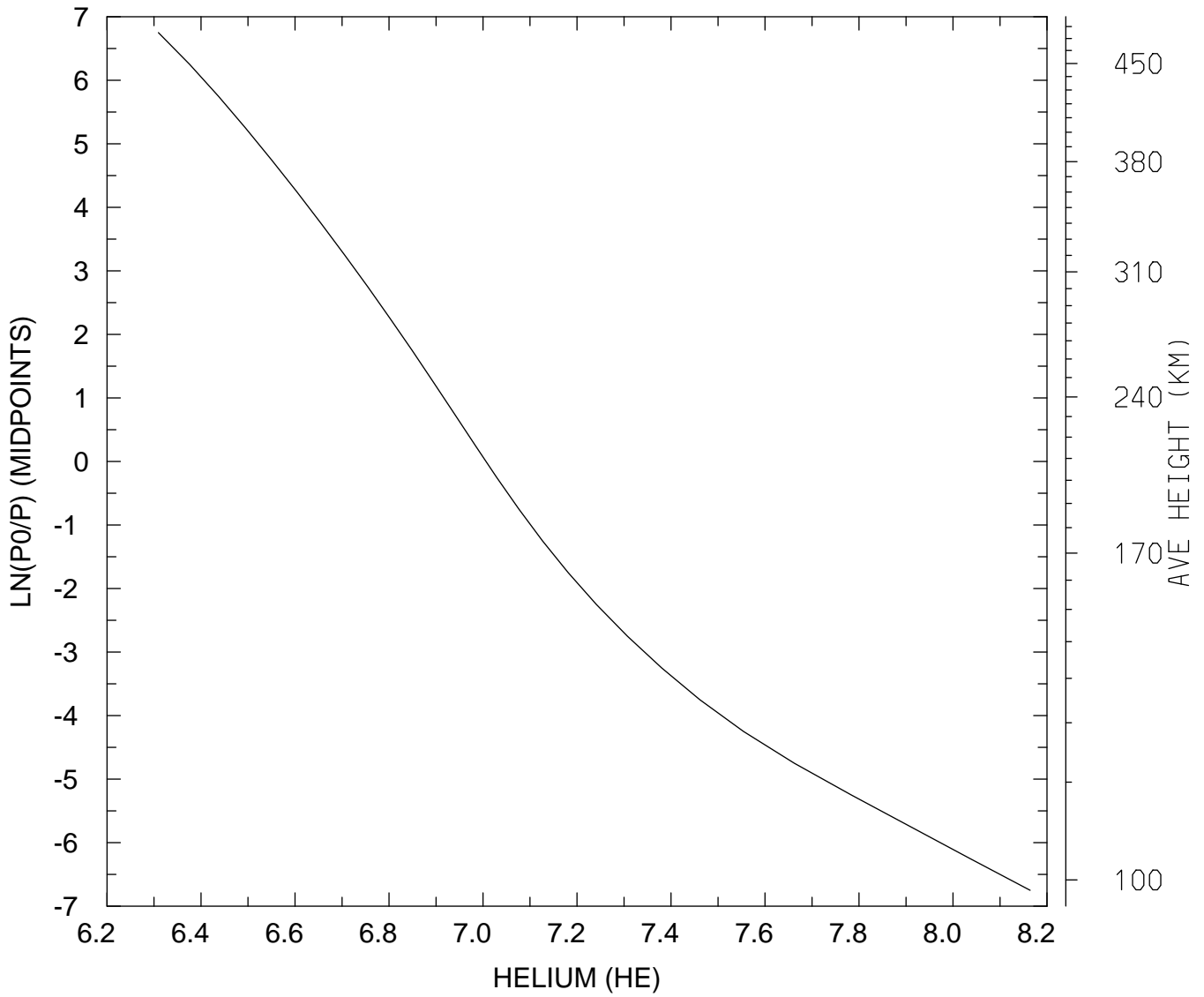
LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



MIN,MAX= 2.1445E+06 1.4532E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

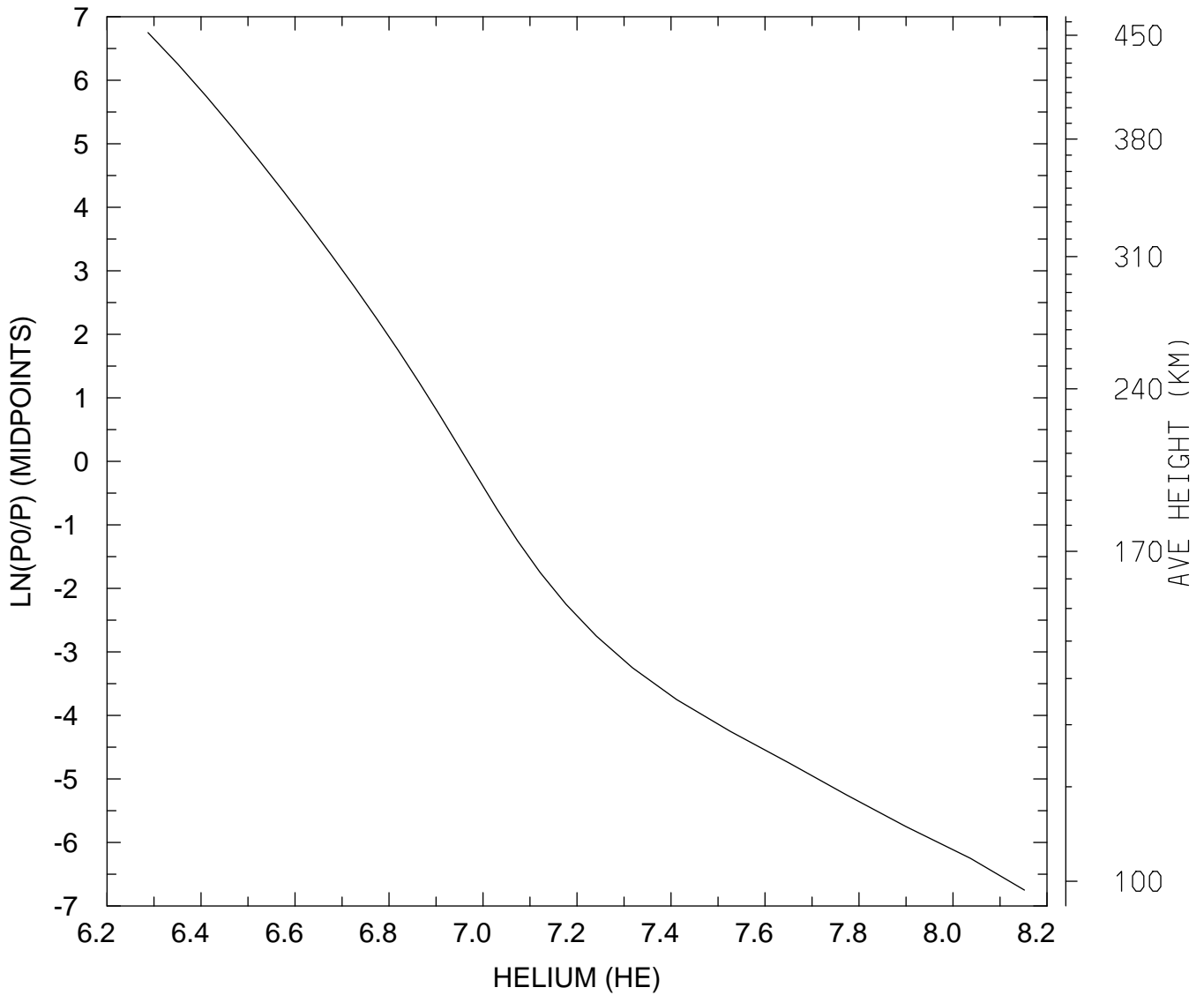


LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



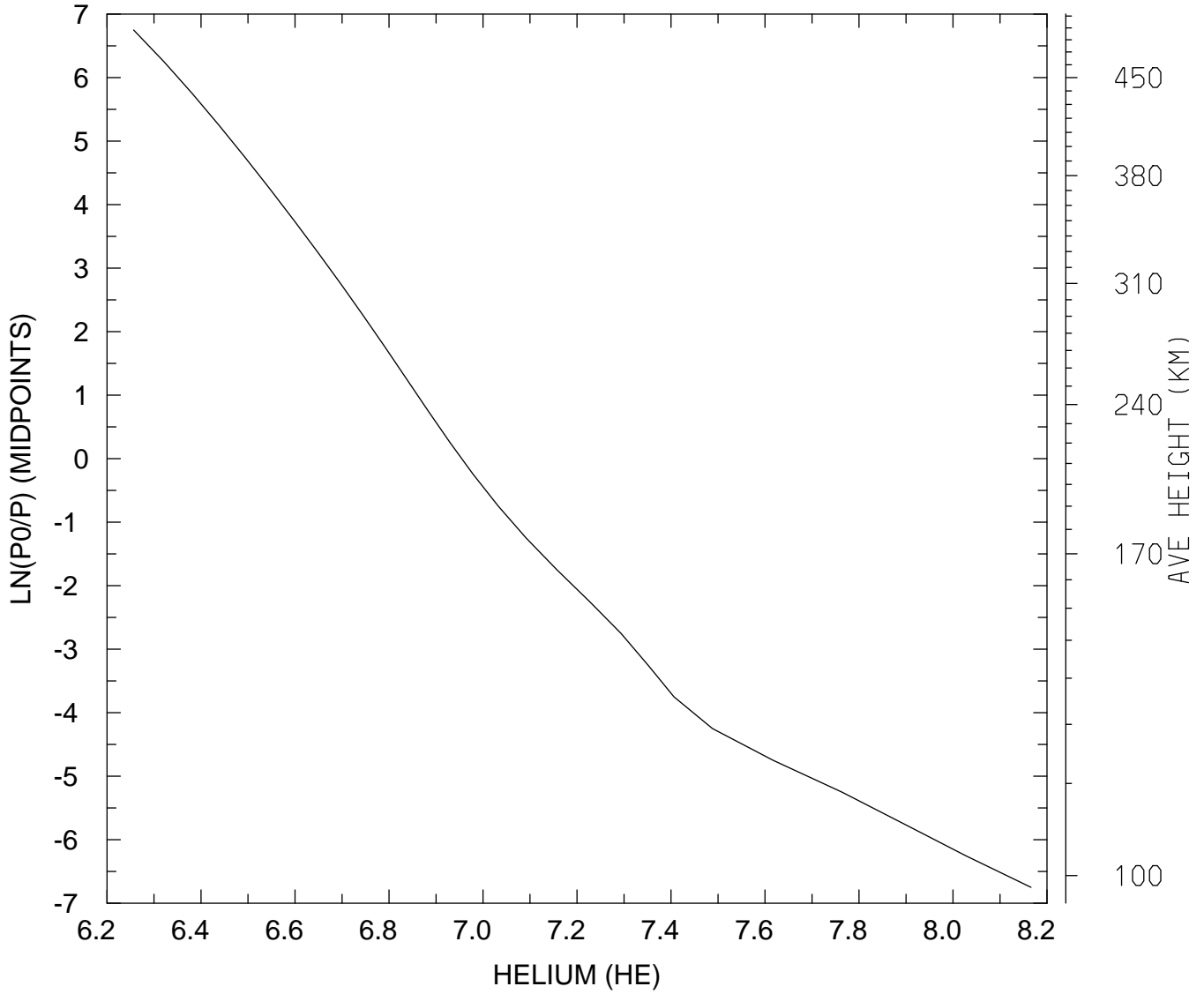
MIN,MAX= 2.0385E+06 1.4589E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



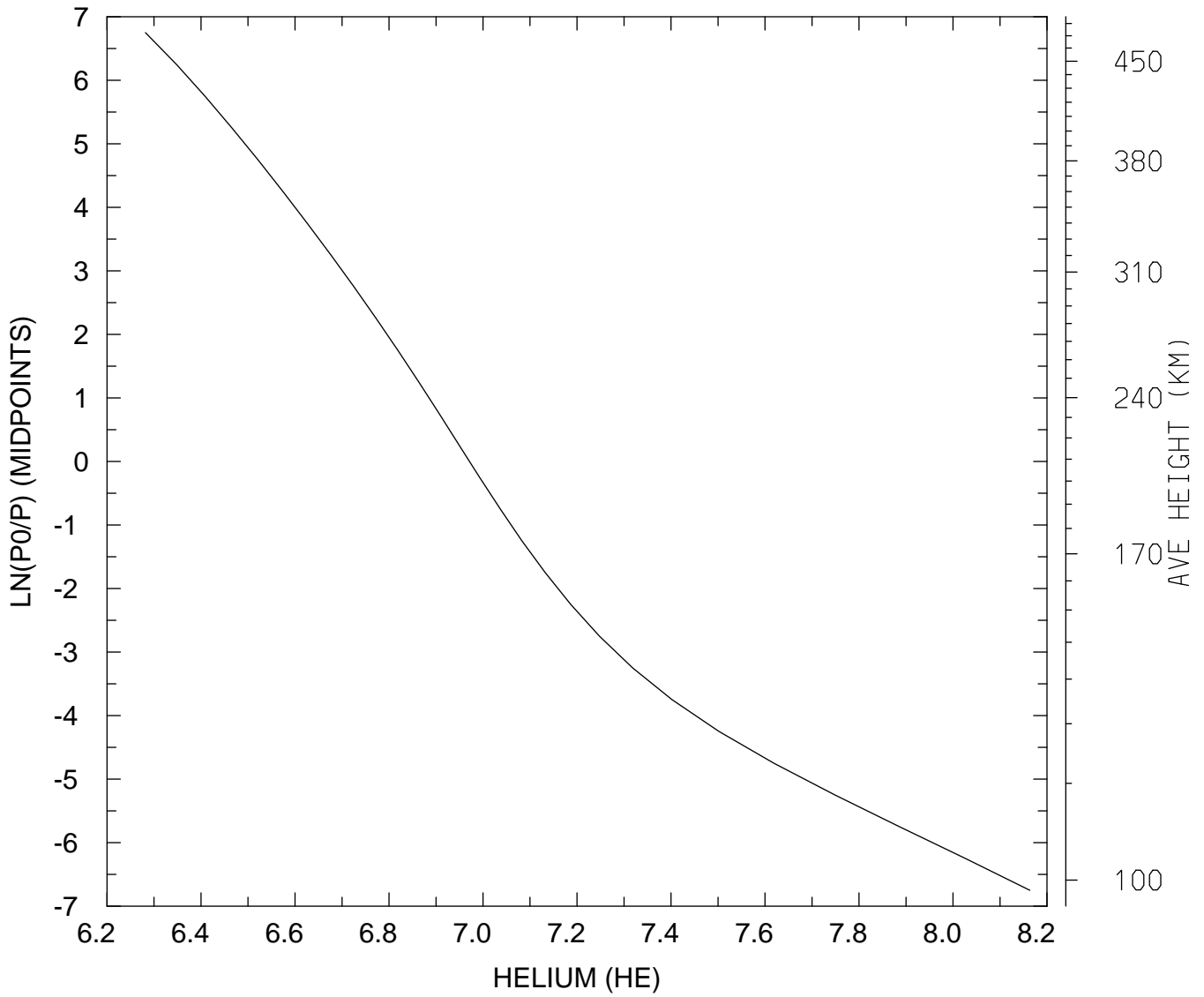
MIN,MAX= 1.9368E+06 1.4188E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



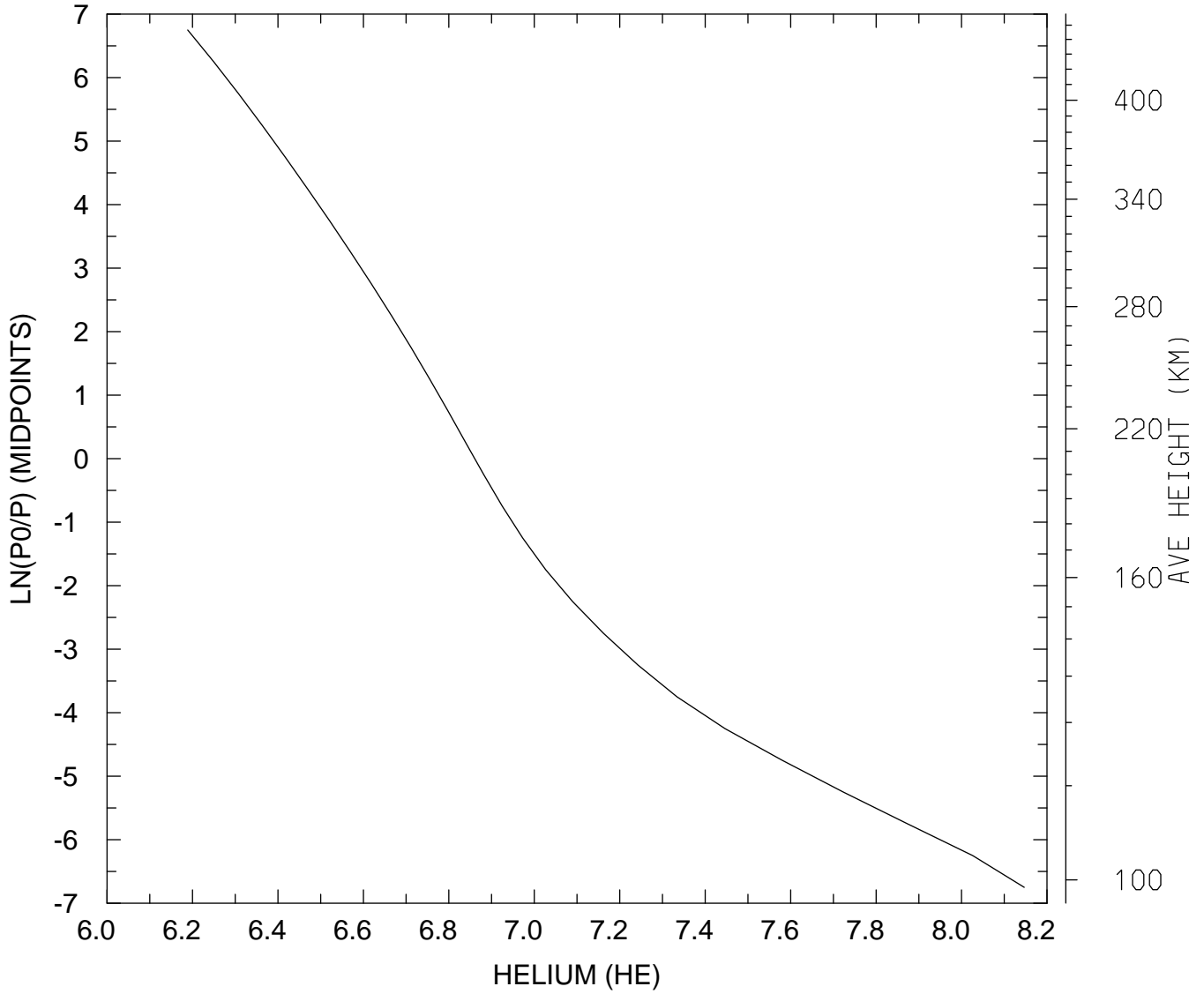
MIN,MAX= 1.8052E+06 1.4656E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



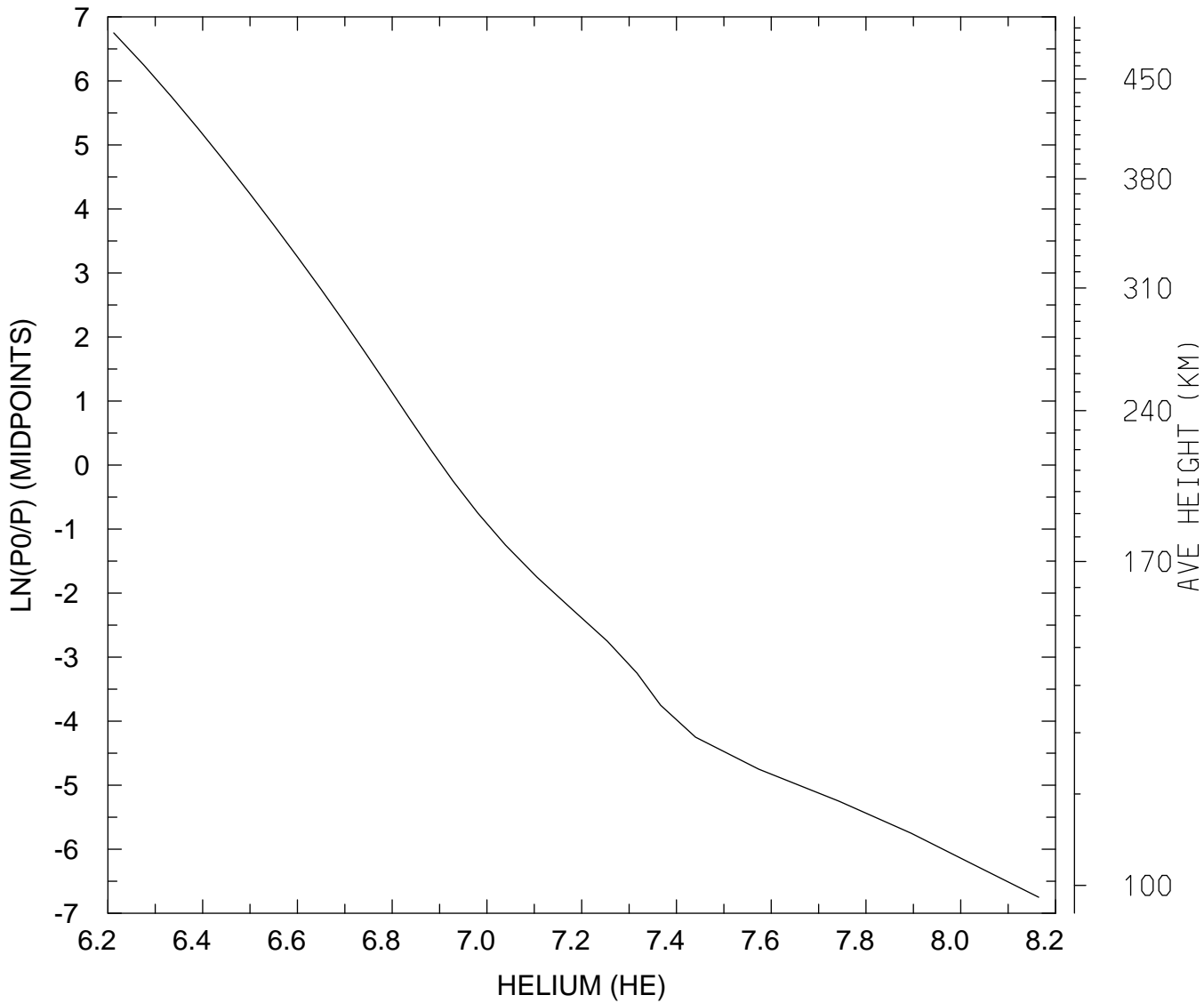
MIN,MAX= 1.9136E+06 1.4572E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



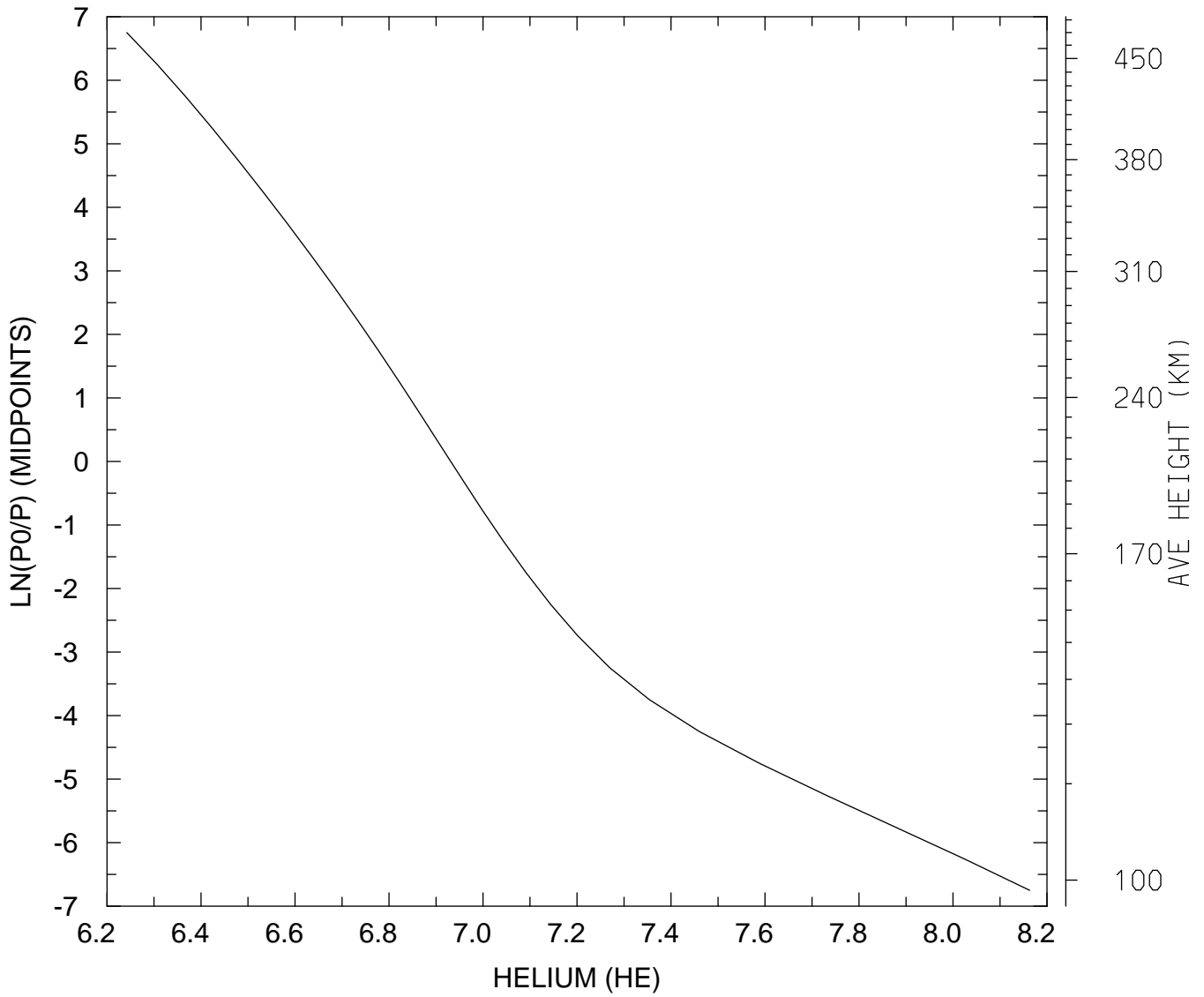
MIN,MAX= 1.5444E+06 1.4021E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



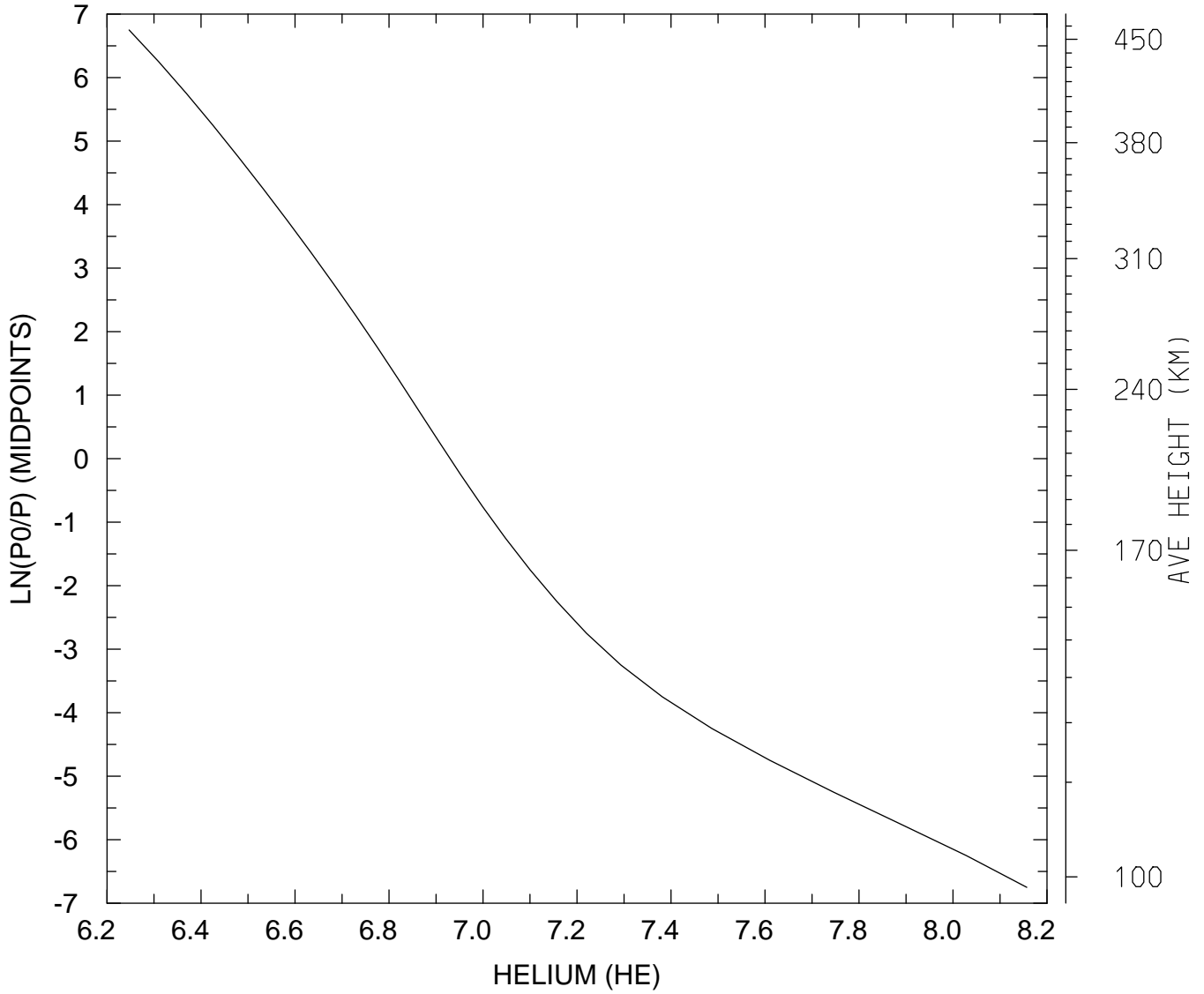
MIN,MAX= 1.6308E+06 1.4608E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



MIN,MAX= 1.7469E+06 1.4553E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

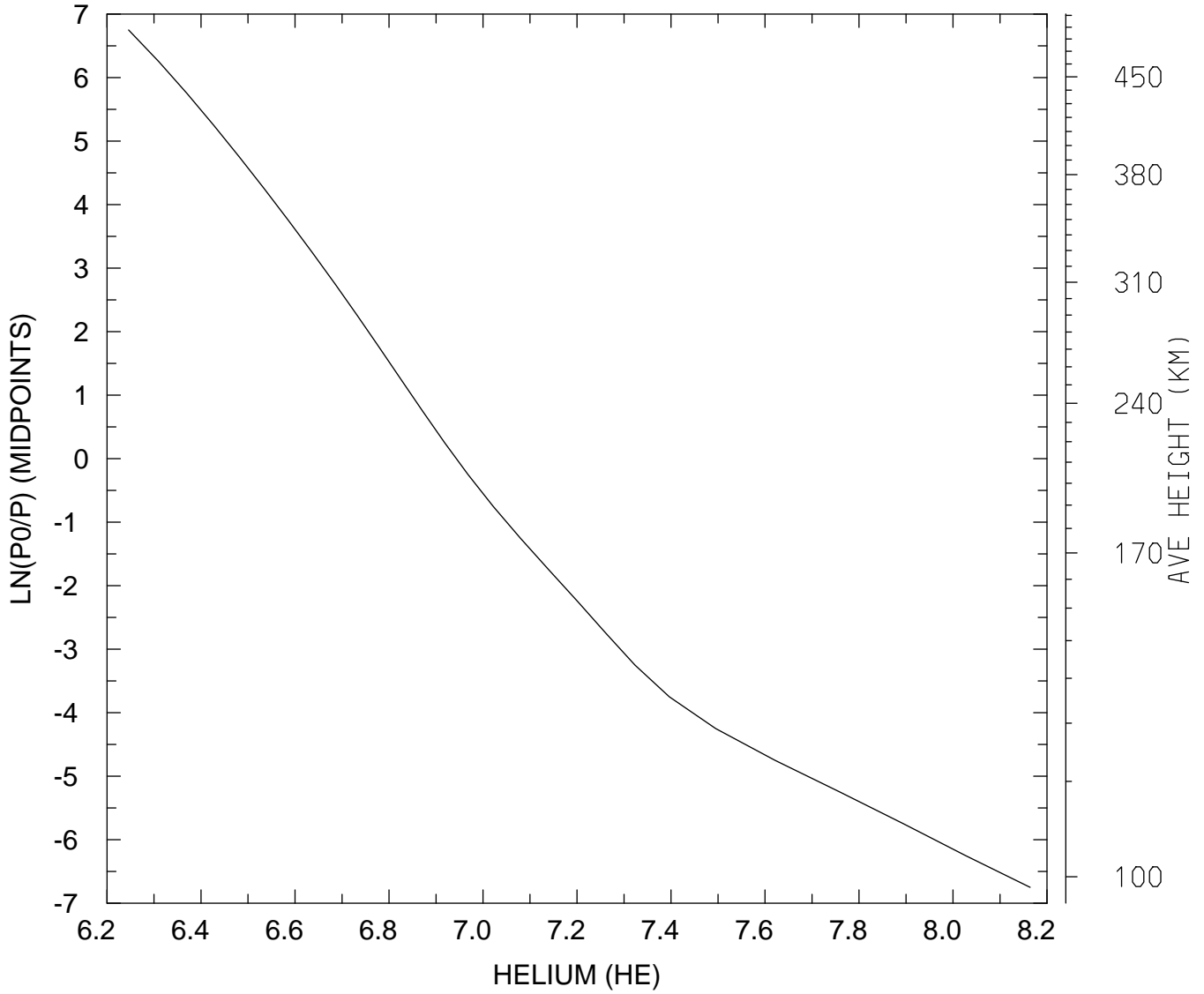
LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



MIN,MAX= 1.7662E+06 1.4352E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

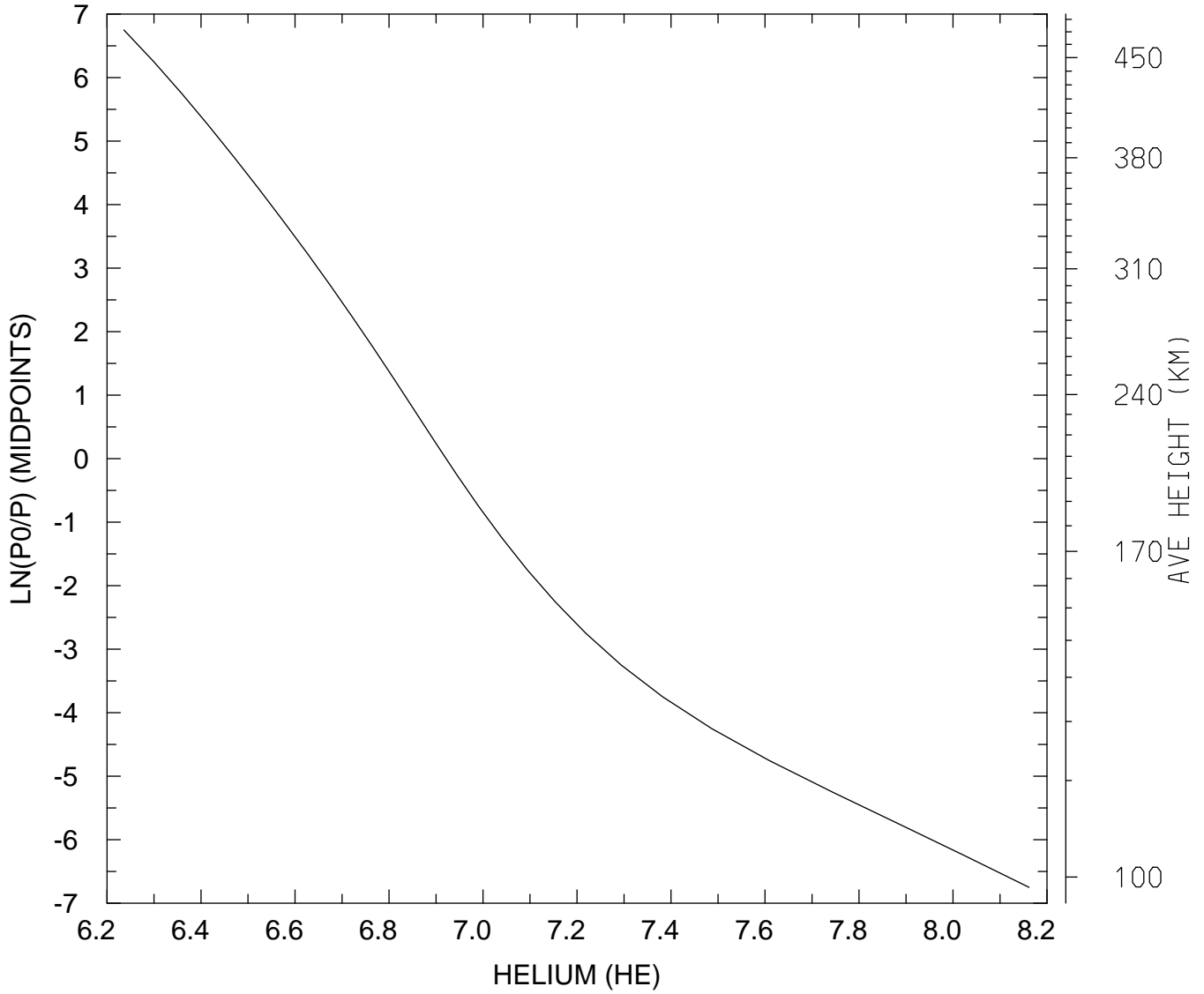


LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



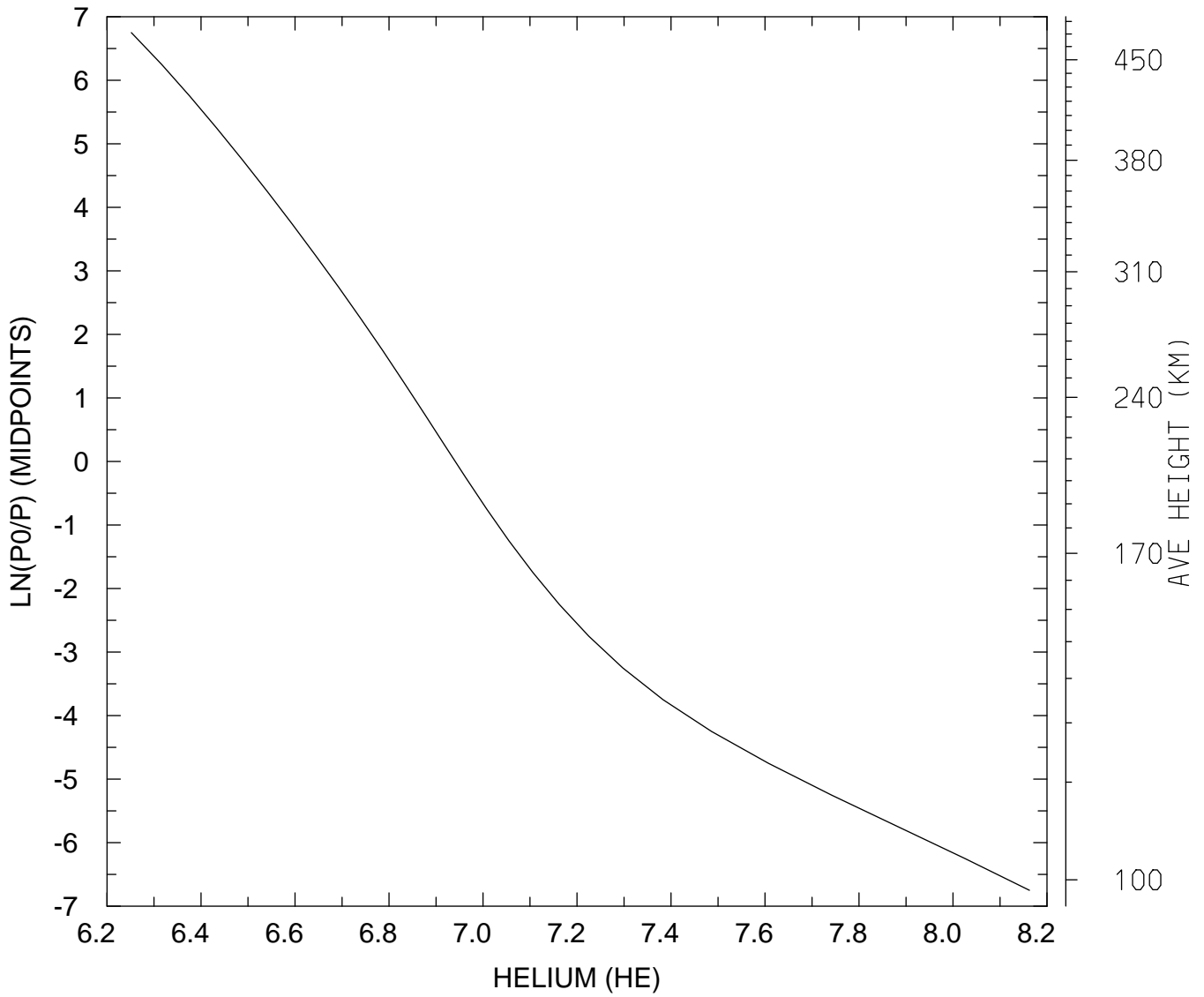
MIN,MAX= 1.7618E+06 1.4591E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



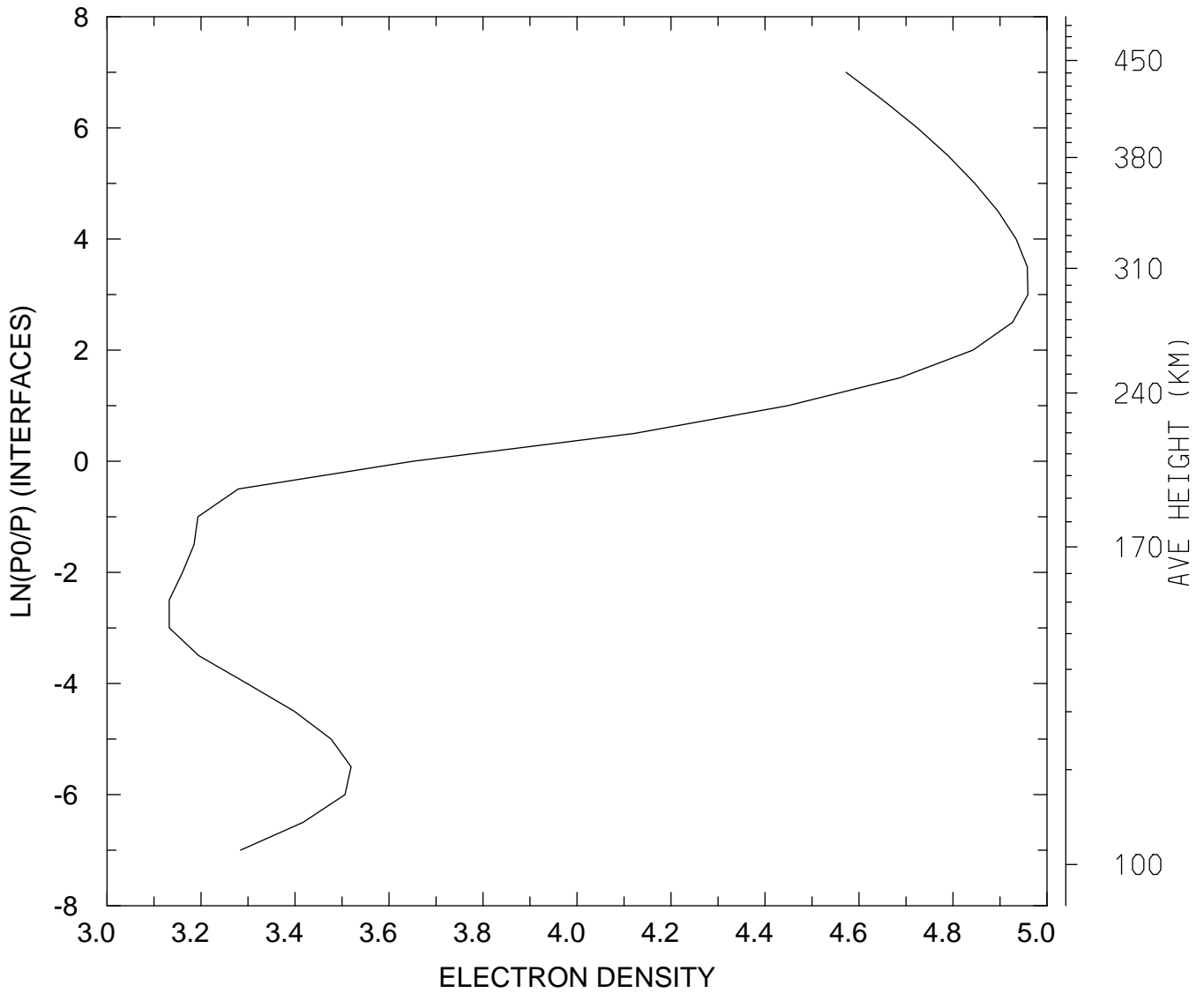
MIN,MAX= 1.7212E+06 1.4510E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
UT= 0.00 GLOBAL MEANS



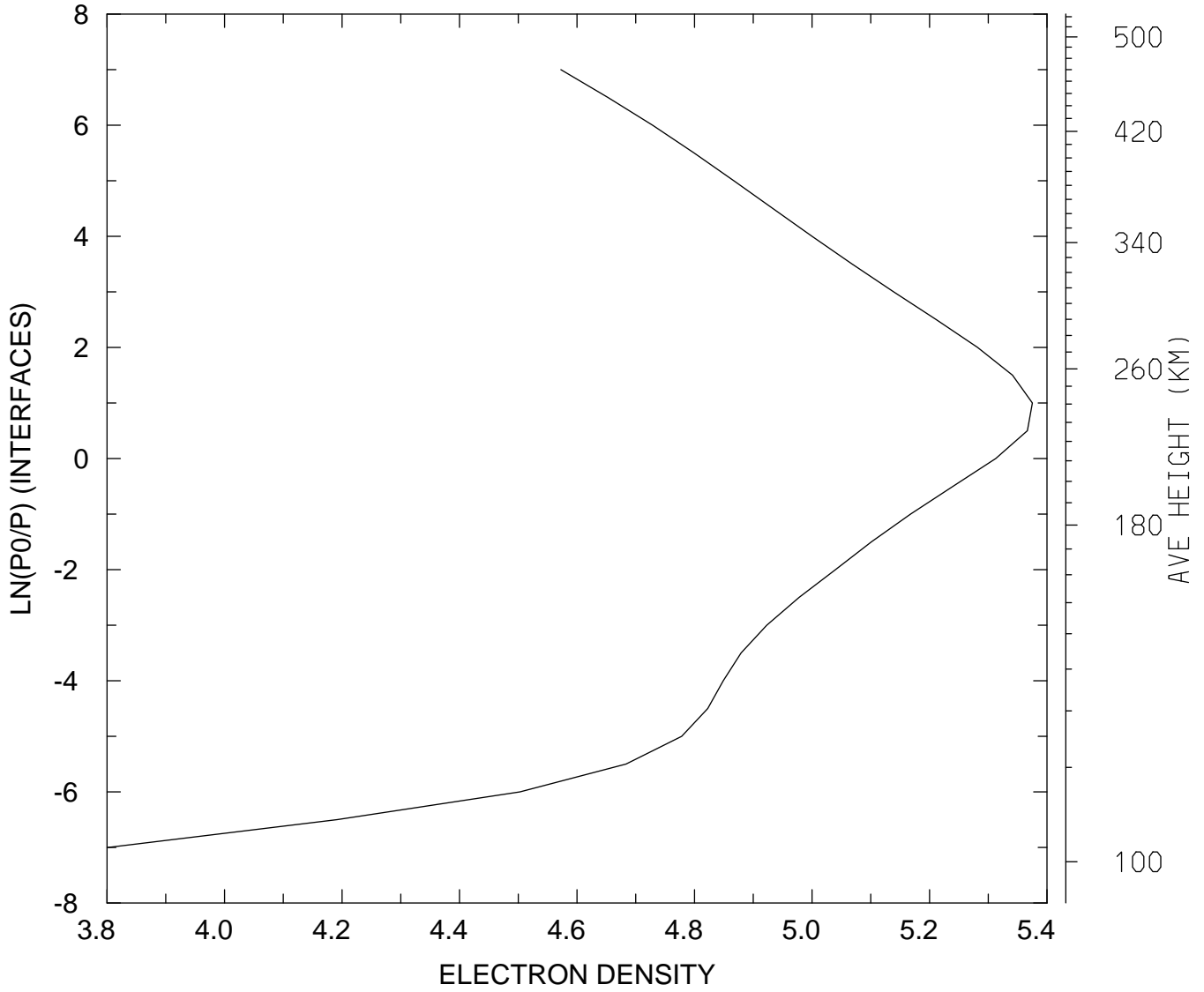
MIN,MAX= 1.7851E+06 1.4538E+08  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



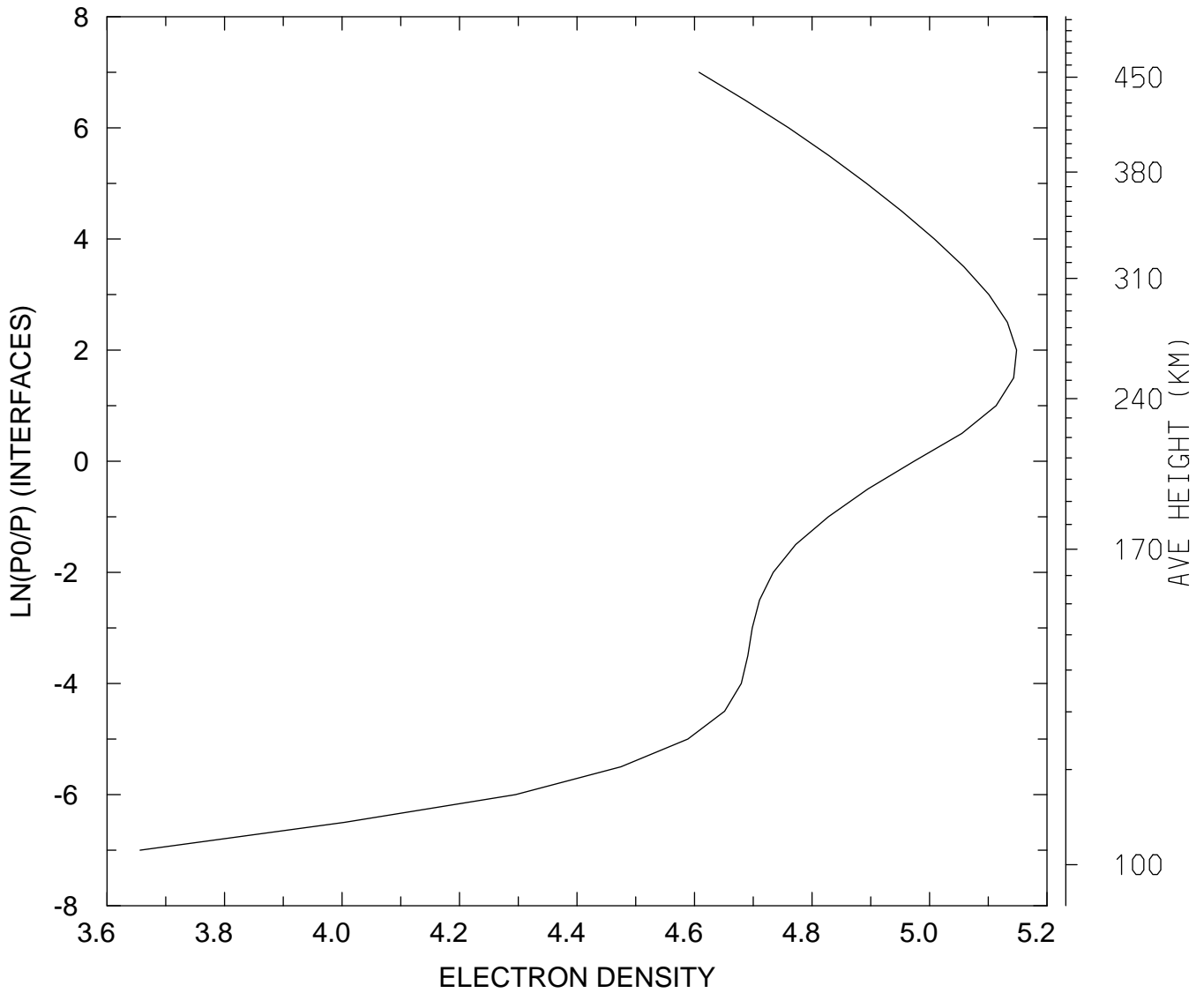
MIN,MAX= 1.3557E+03 9.1088E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



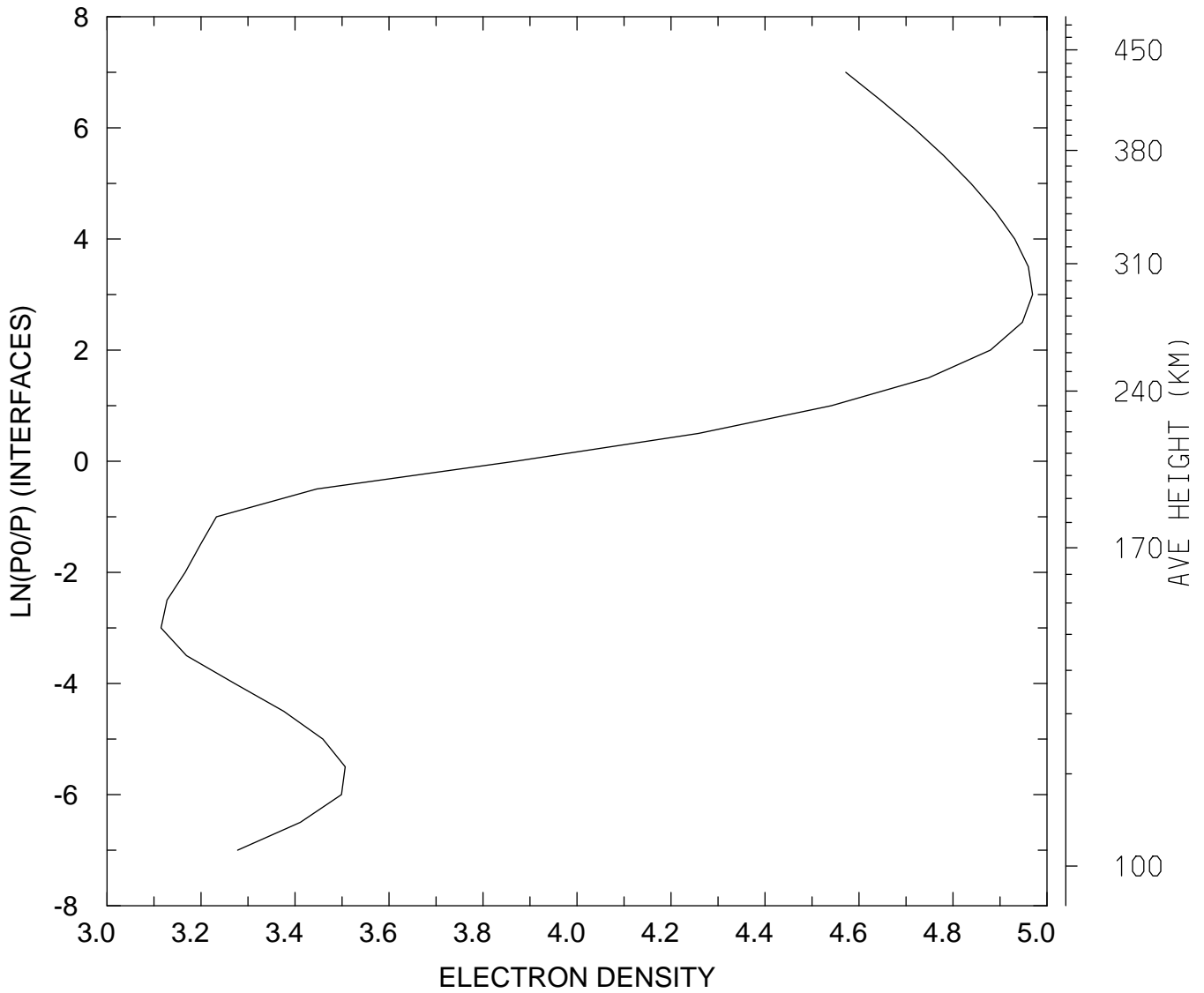
MIN,MAX= 6.3387E+03 2.3723E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



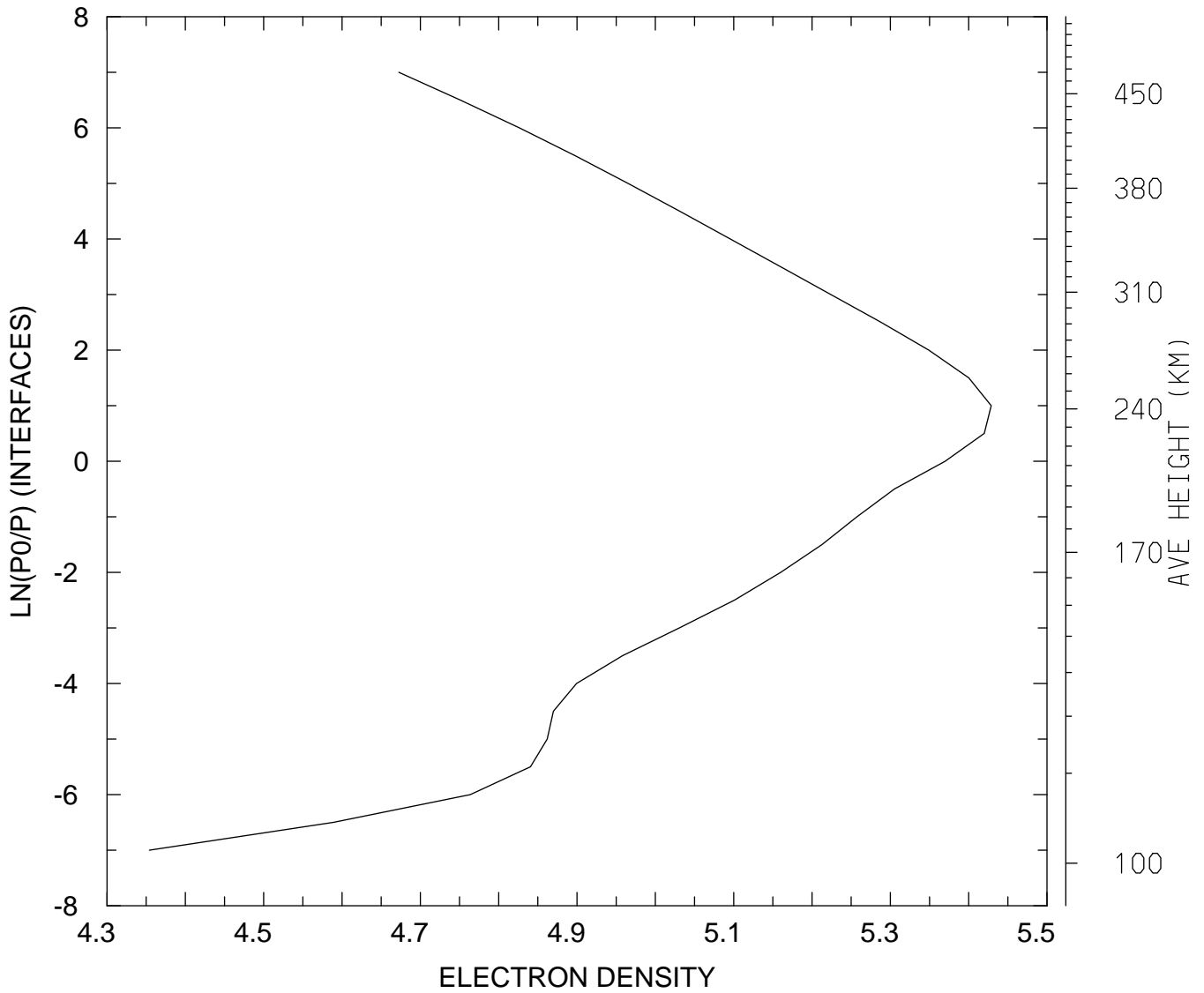
MIN,MAX= 4.5315E+03 1.4070E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 1.3031E+03 9.3161E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

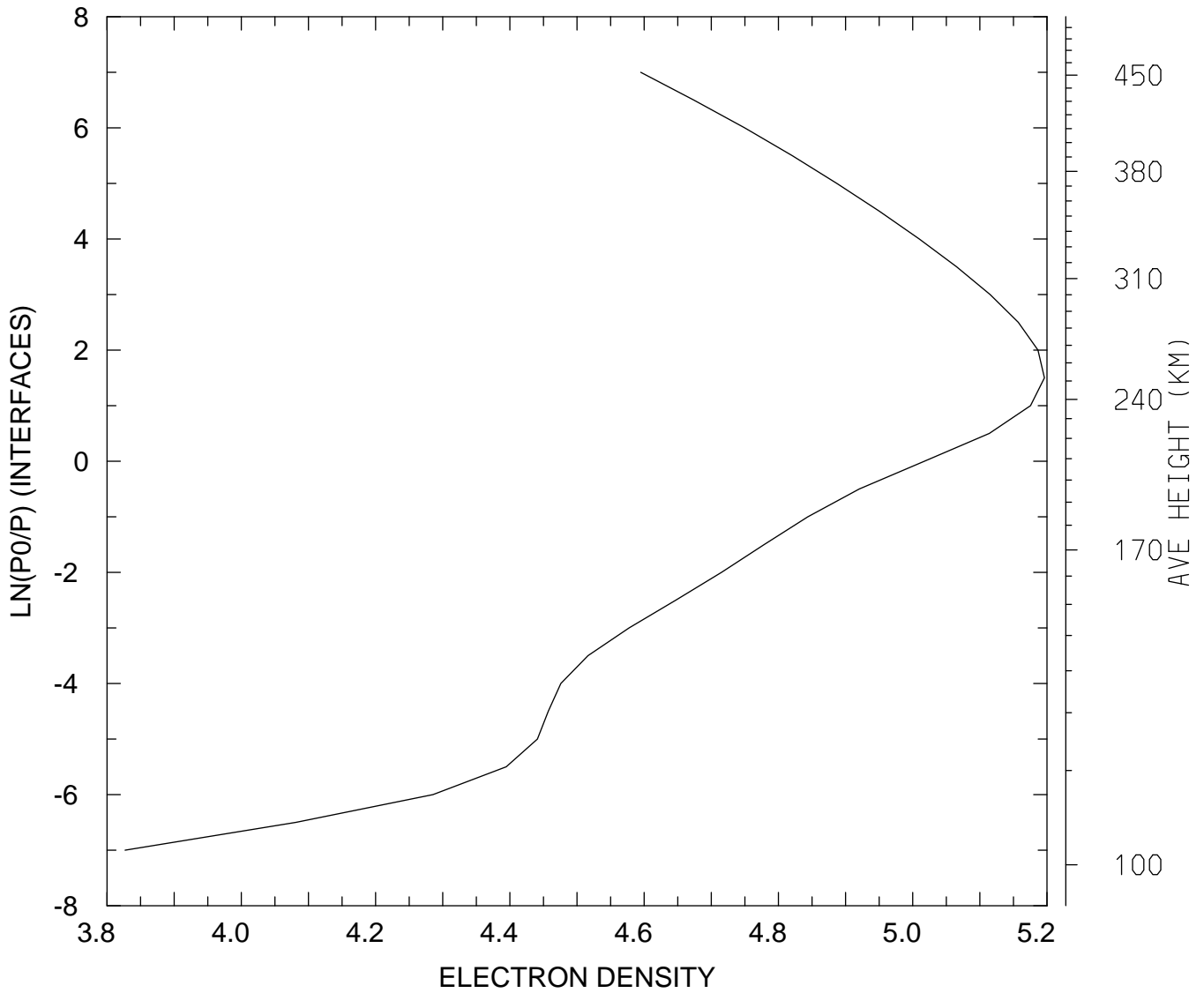
LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



MIN,MAX= 2.2596E+04 2.6840E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

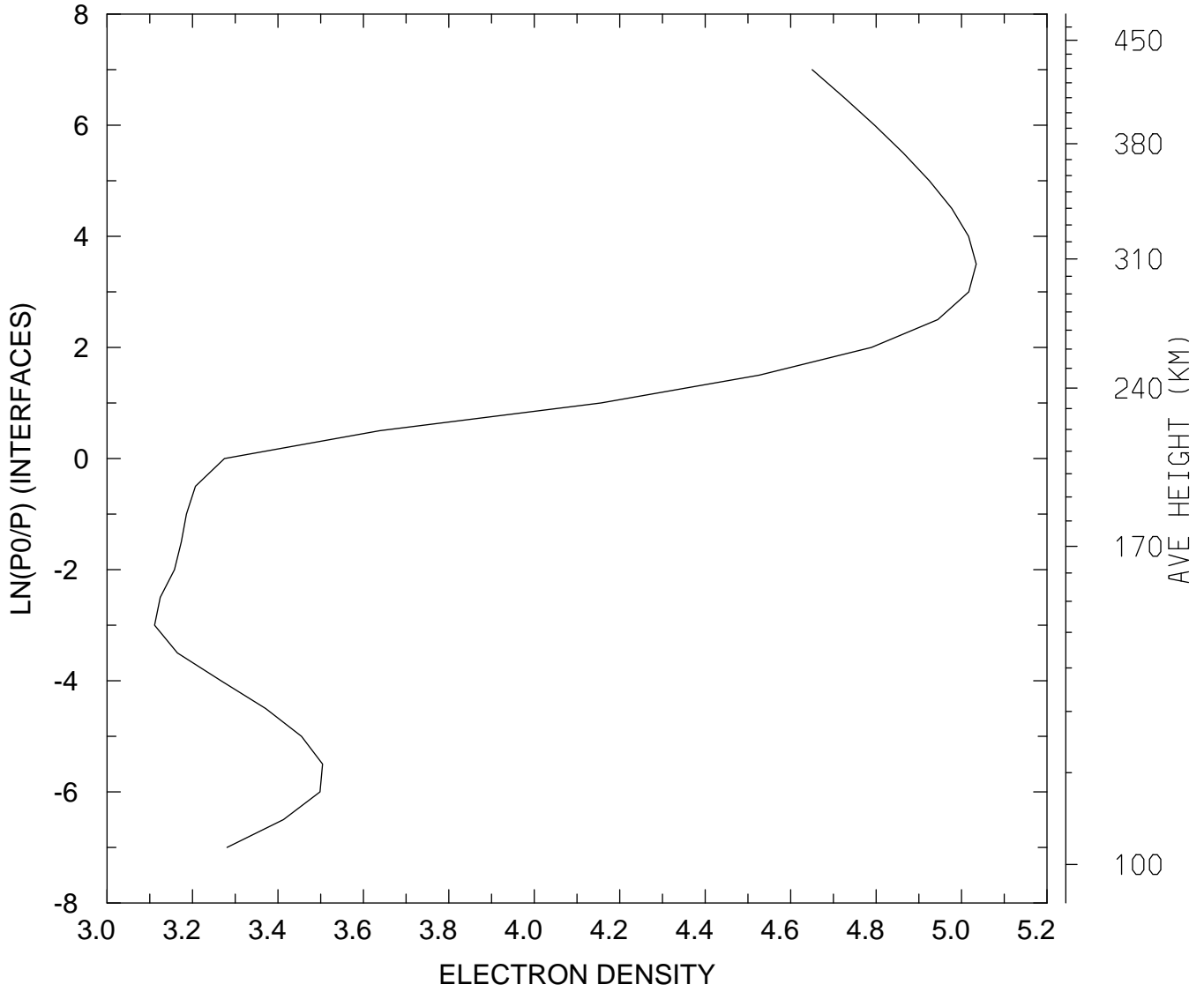


LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



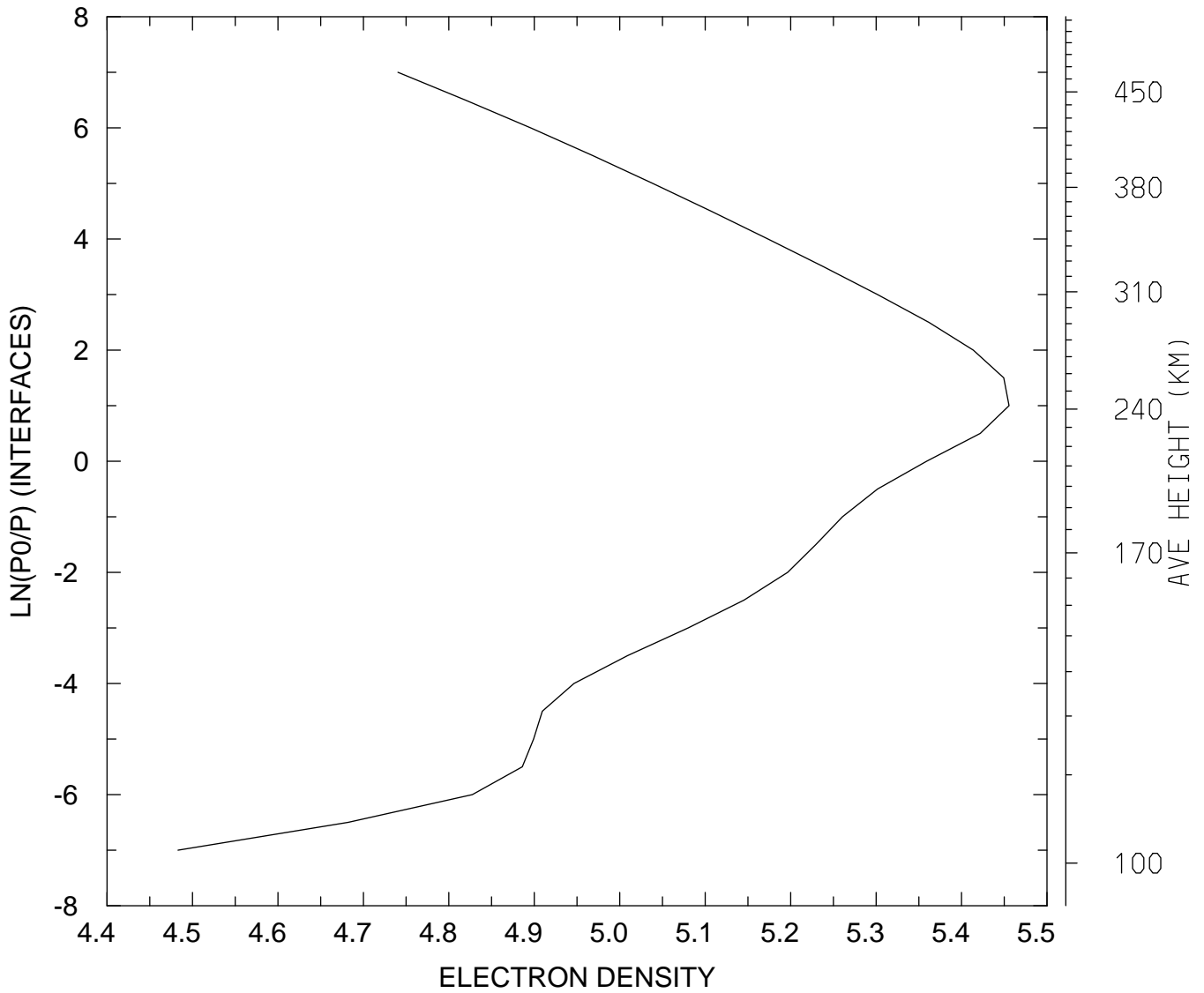
MIN,MAX= 6.7130E+03 1.5707E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



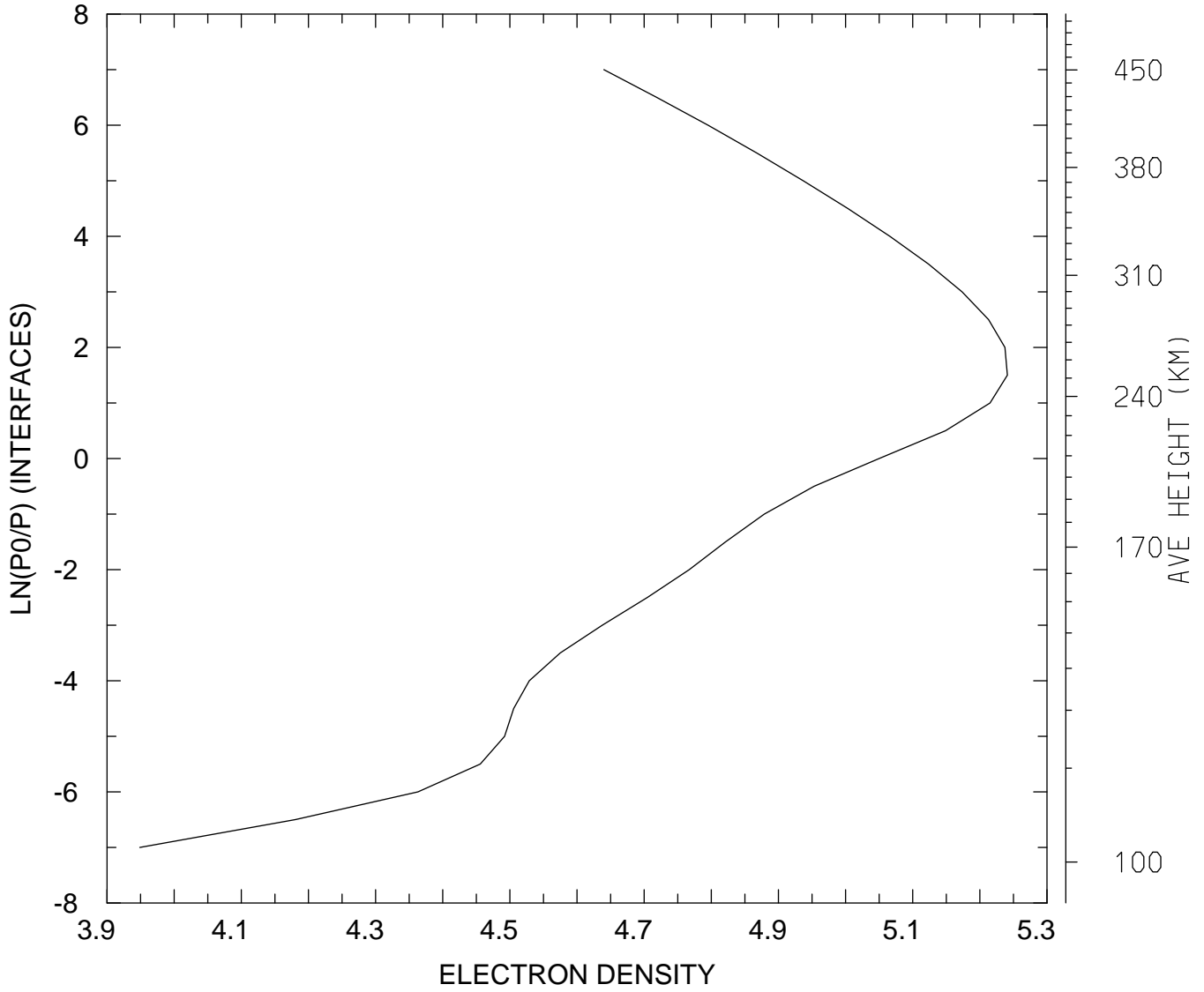
MIN,MAX= 1.2922E+03 1.0820E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



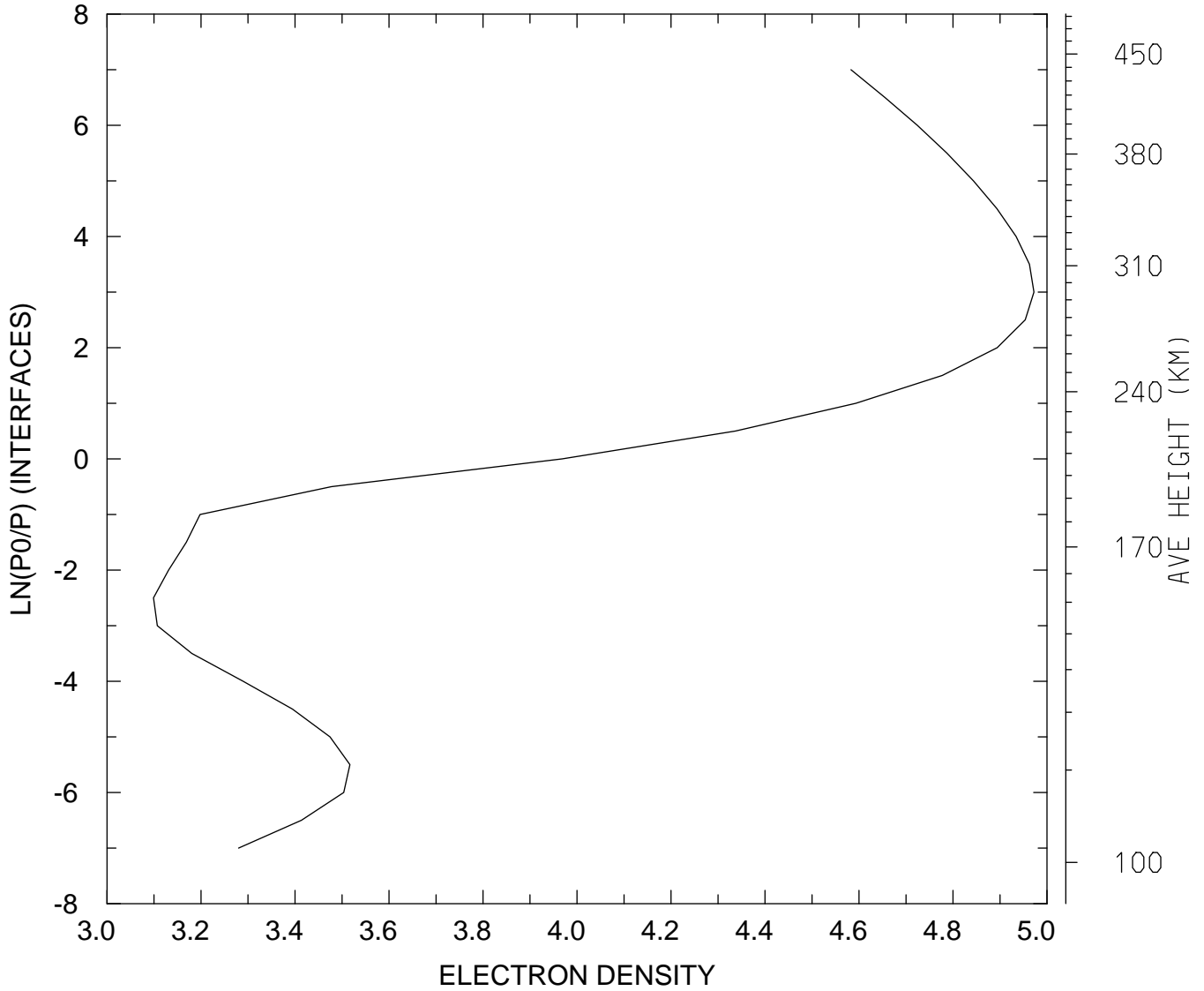
MIN,MAX= 3.0412E+04 2.8546E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



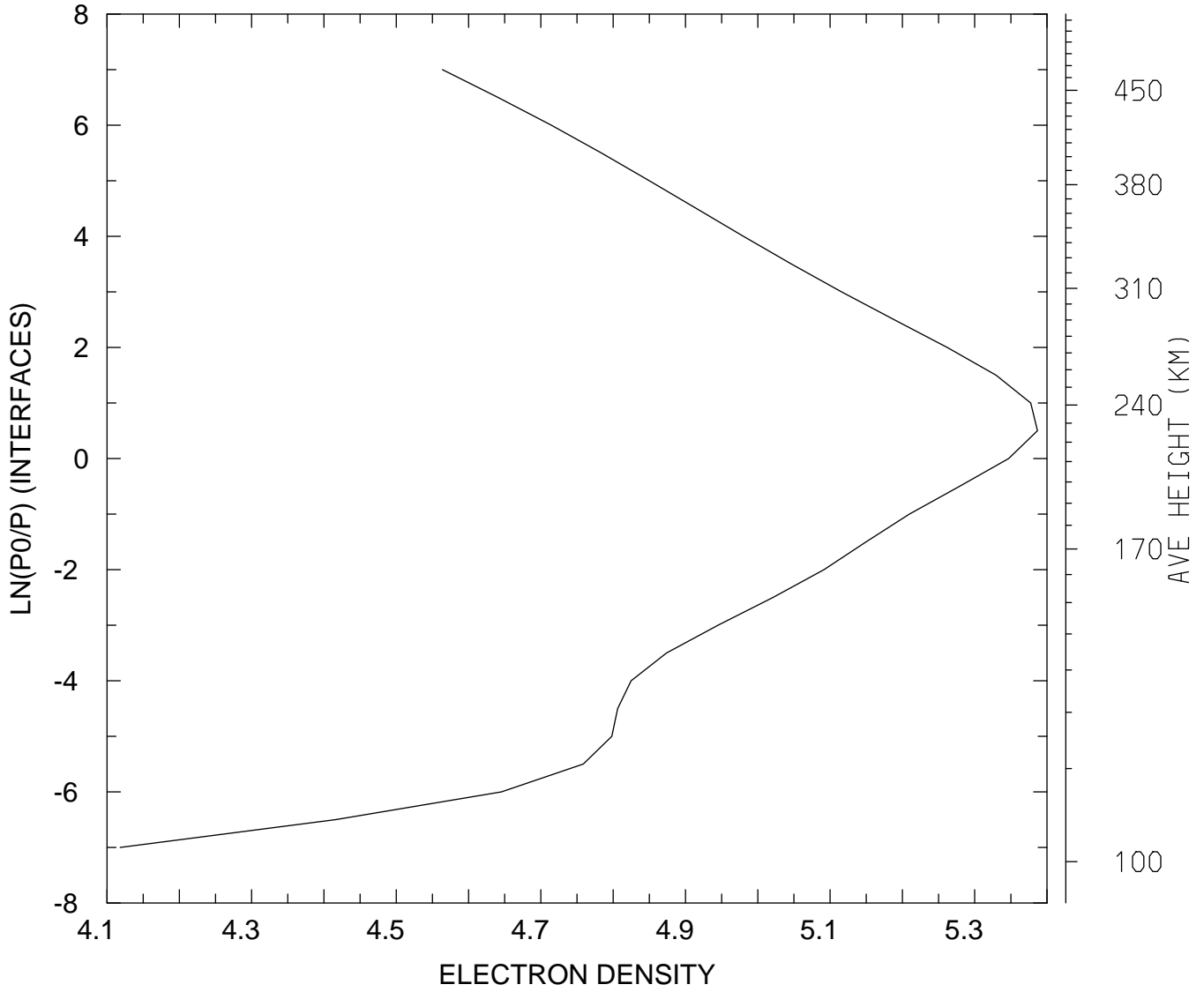
MIN,MAX= 8.8862E+03 1.7418E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



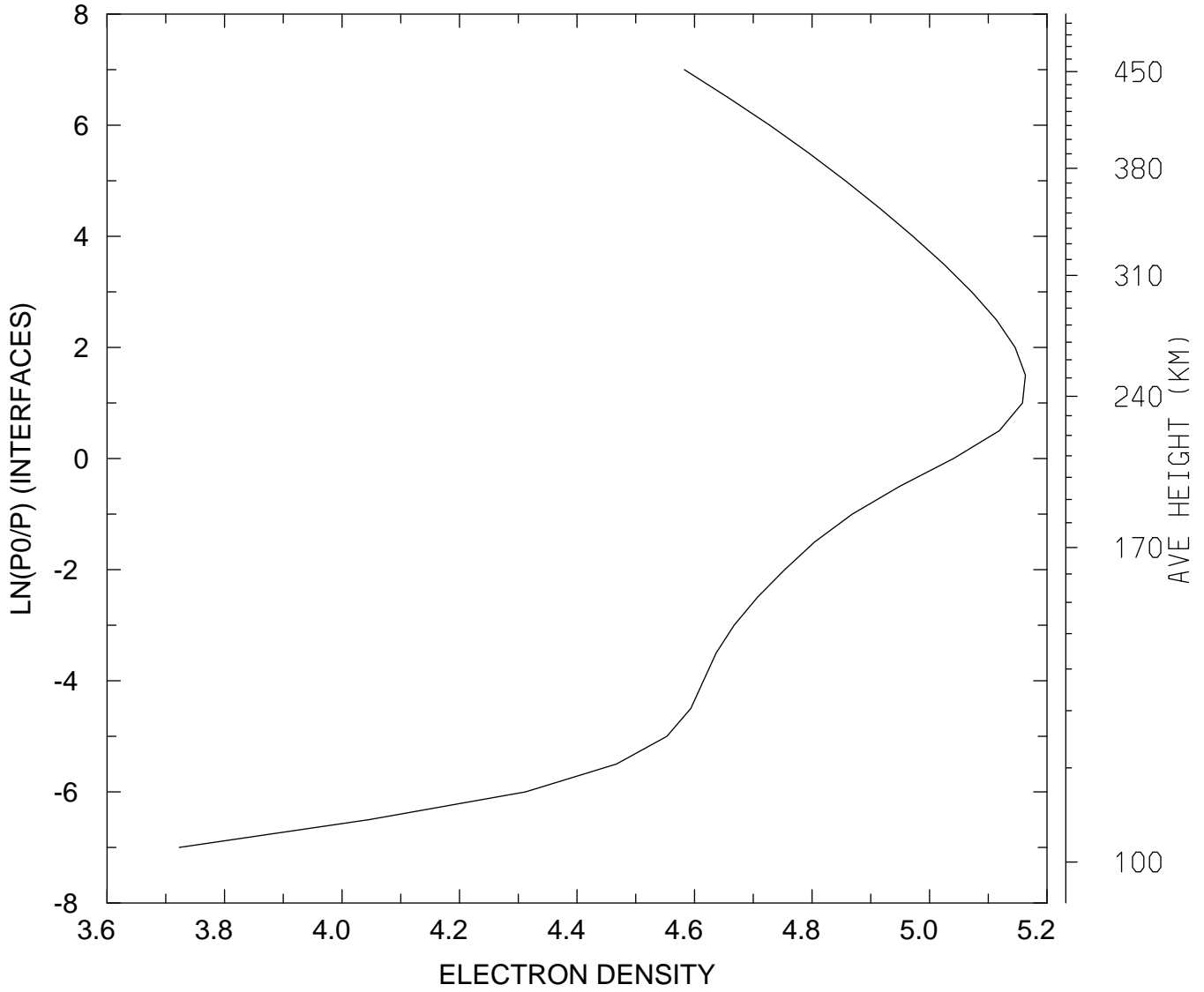
MIN,MAX= 1.2556E+03 9.3788E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



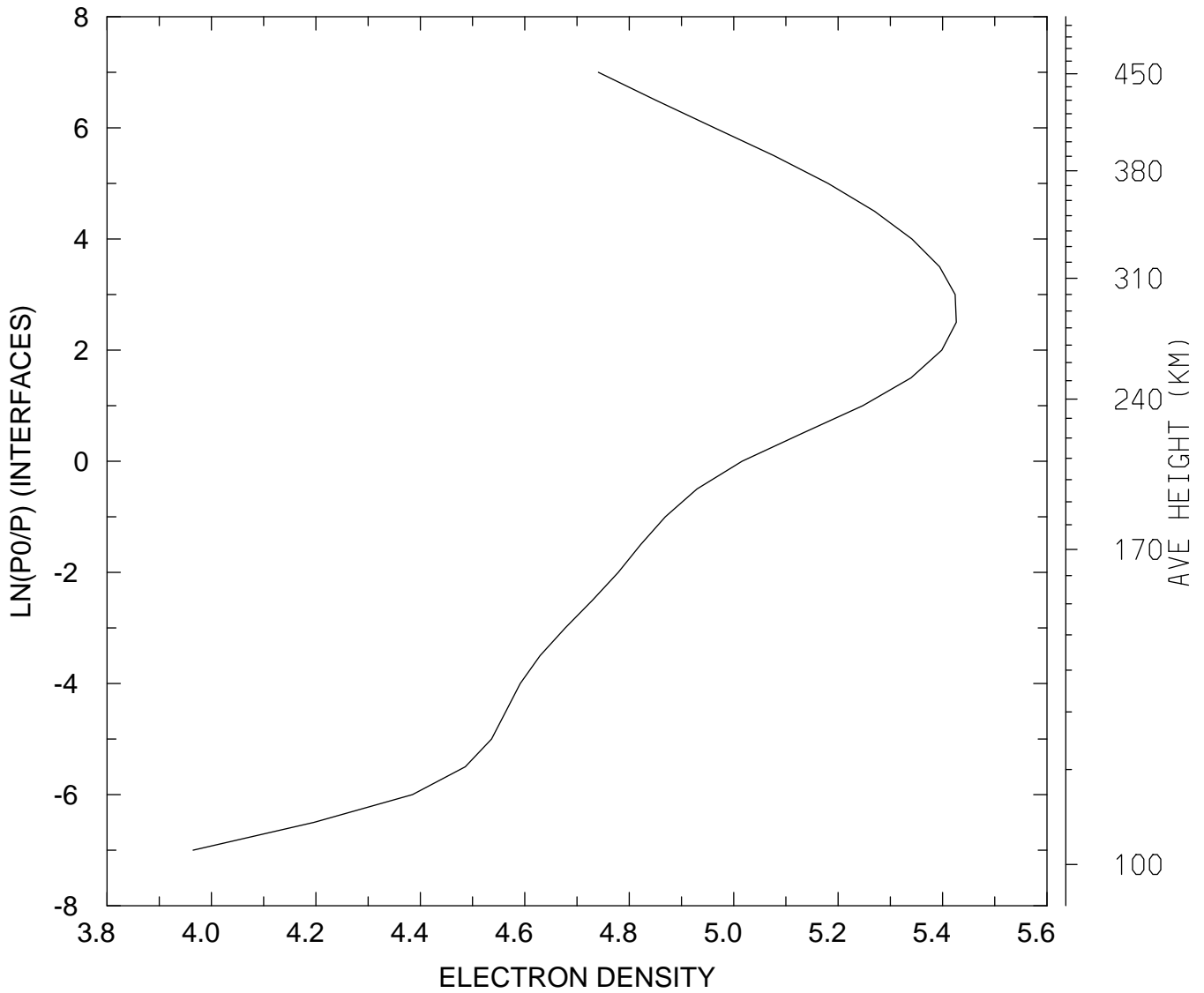
MIN,MAX= 1.3129E+04 2.4368E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



MIN,MAX= 5.2836E+03 1.4564E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

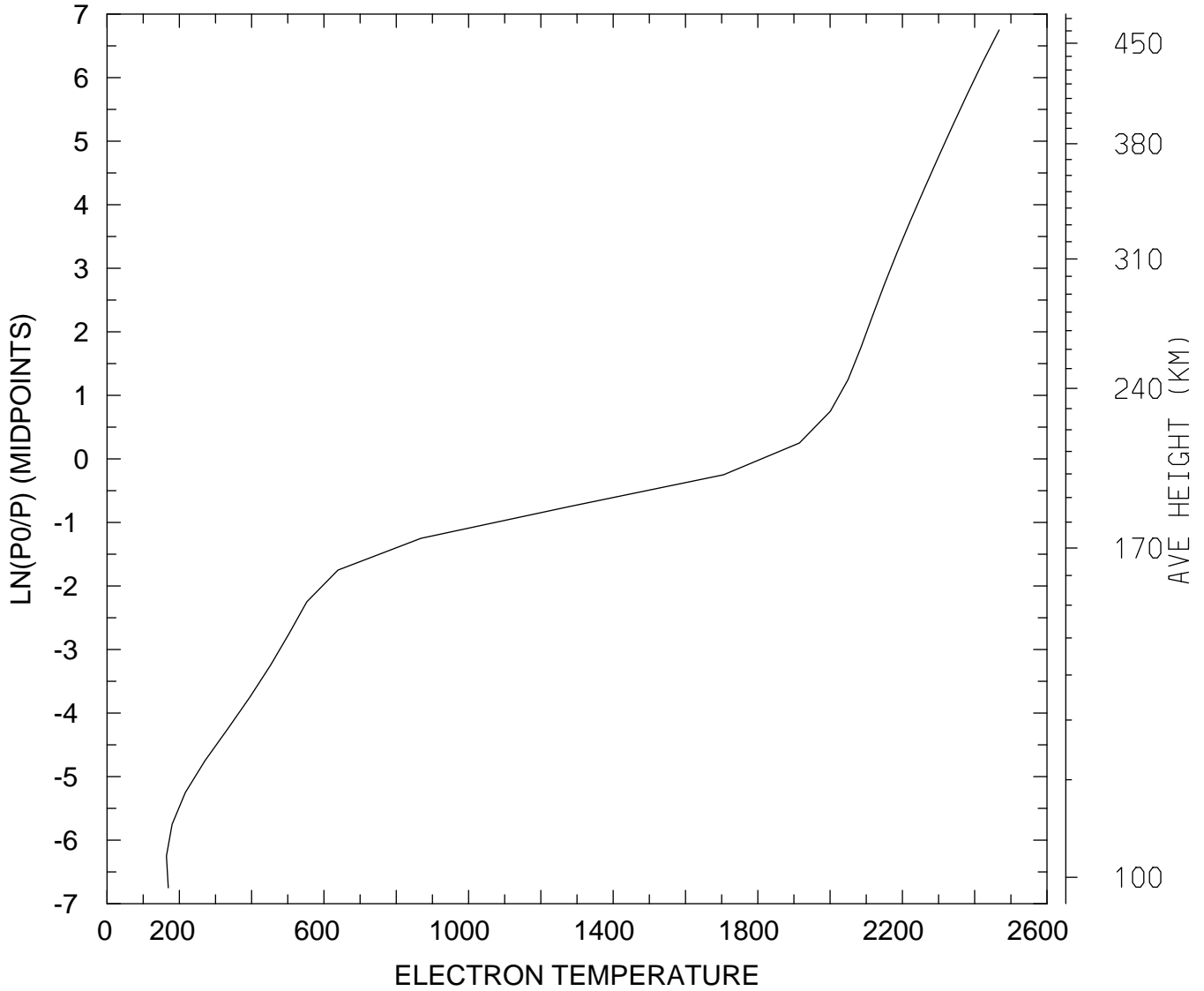
LOG10 ELECTRON DENSITY (CM3)  
UT= 0.00 GLOBAL MEANS



MIN,MAX= 9.2238E+03 2.6687E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

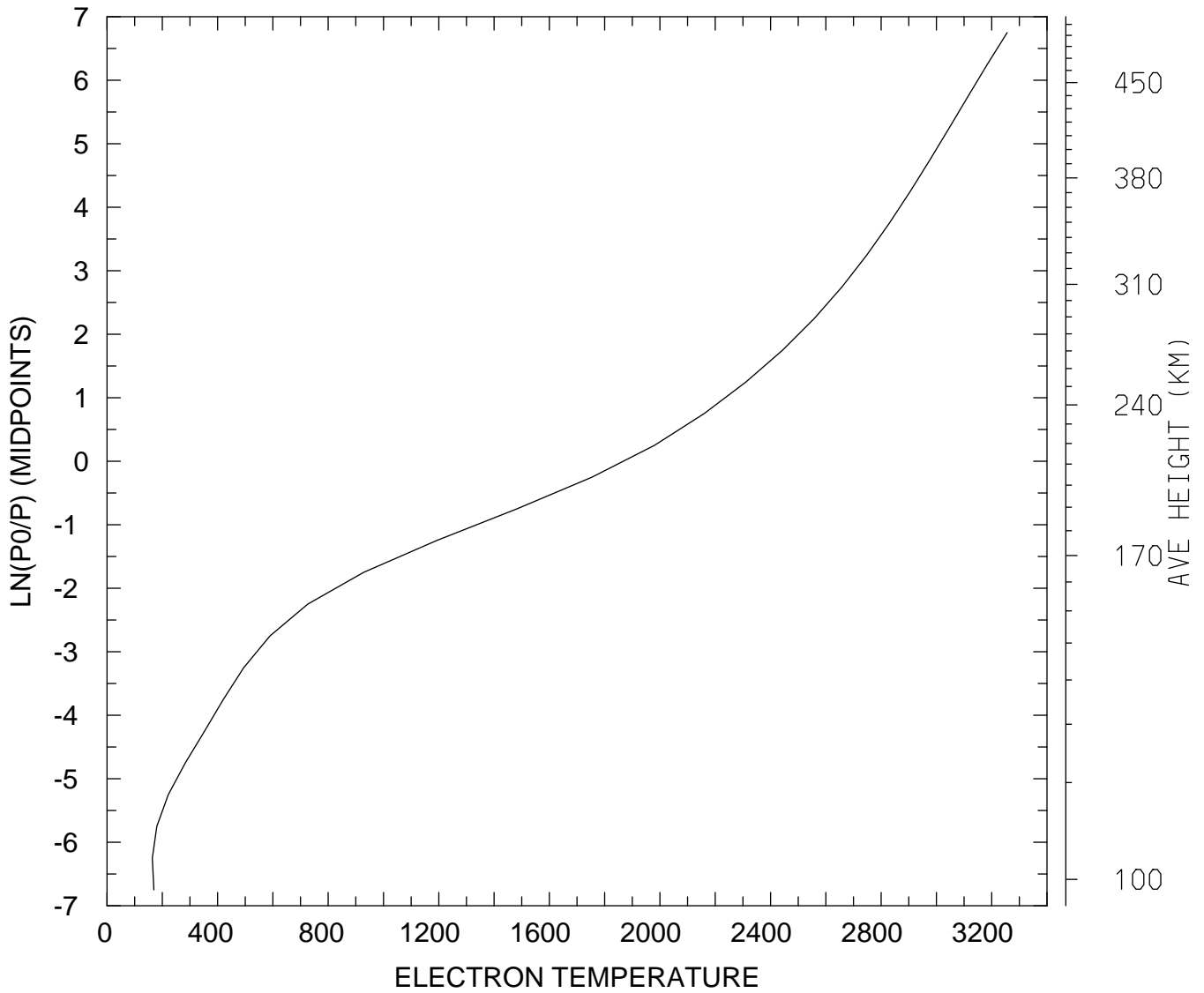


ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



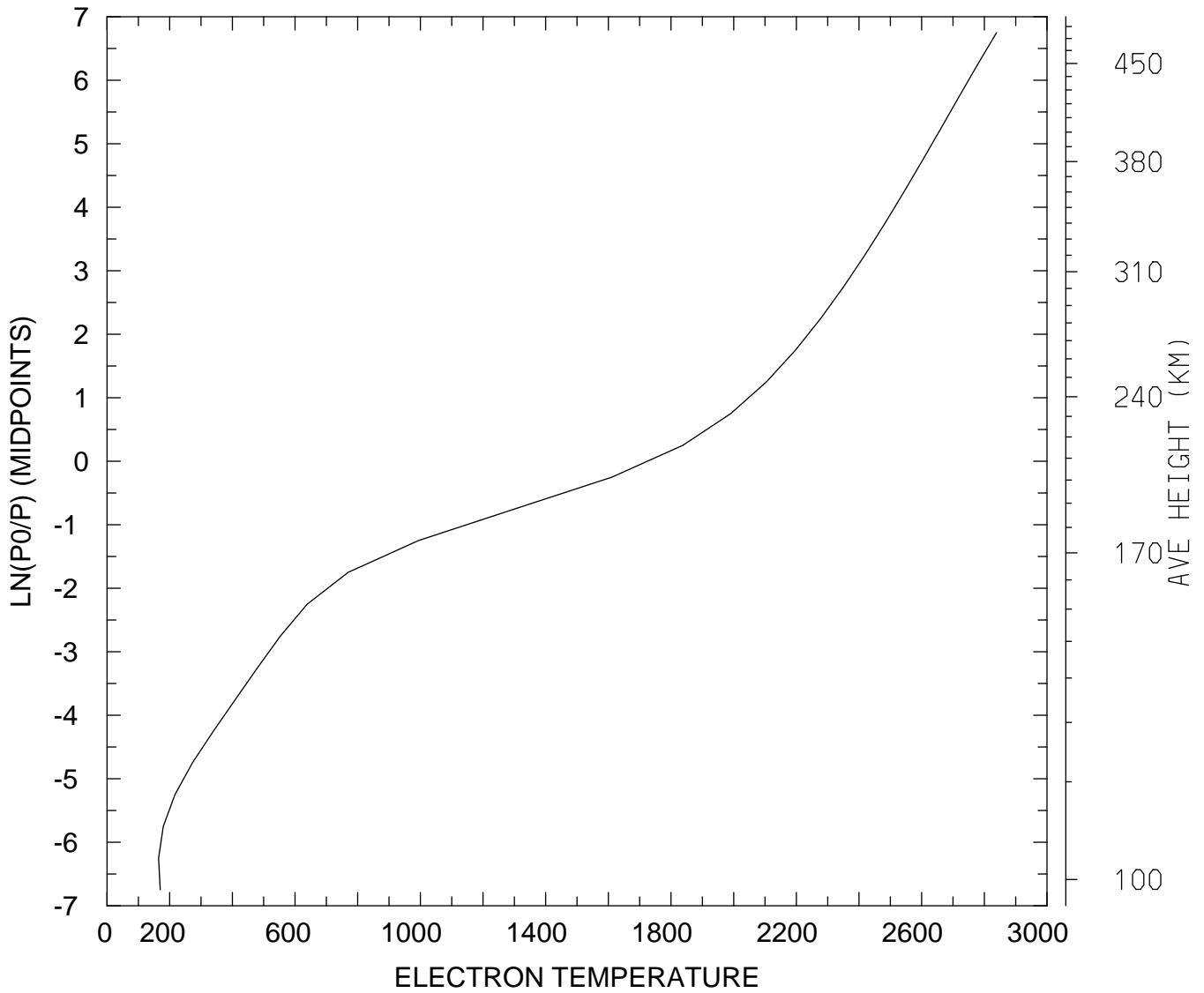
MIN,MAX= 1.6426E+02 2.4677E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



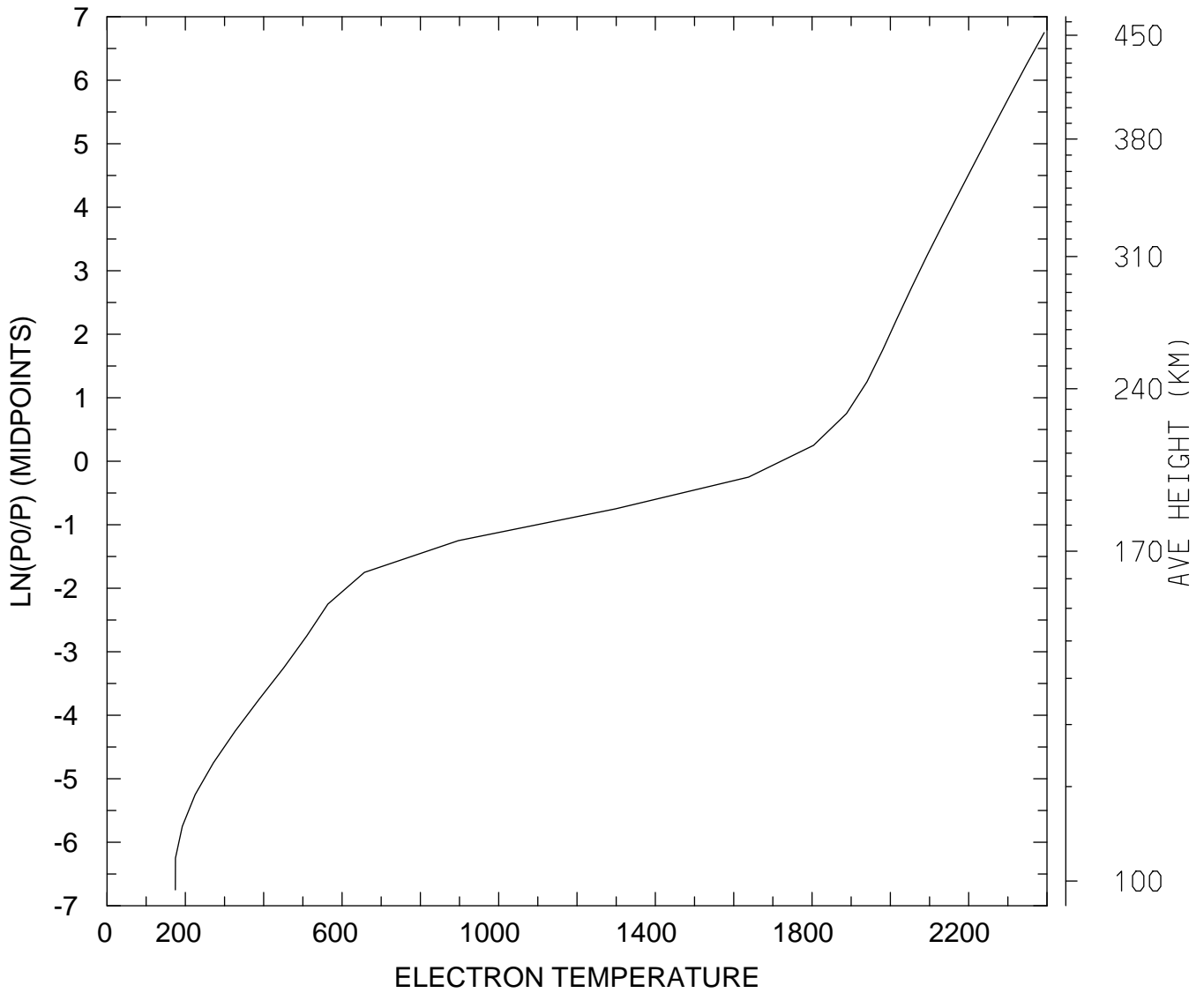
MIN,MAX= 1.6382E+02 3.2557E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



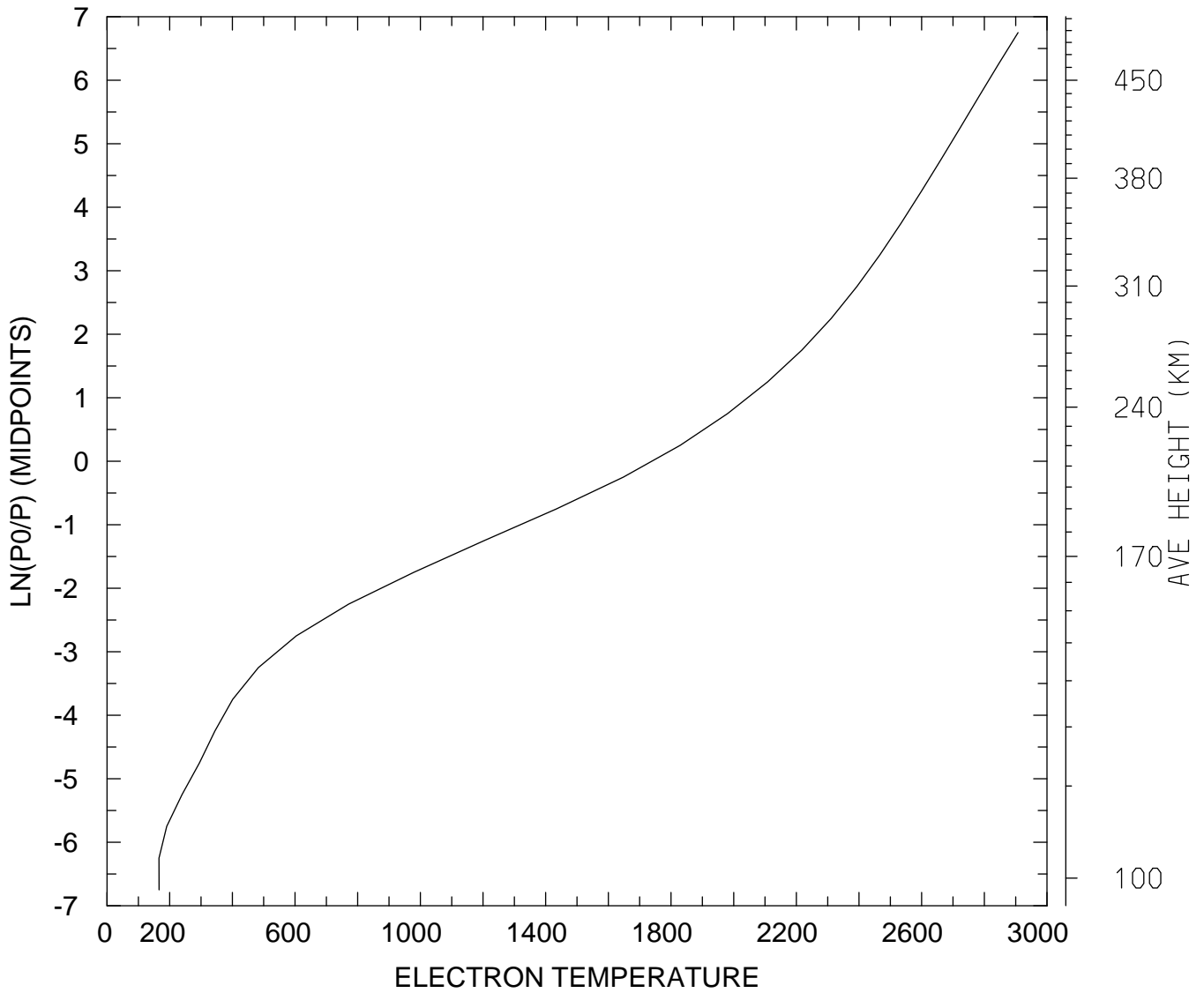
MIN,MAX= 1.6441E+02 2.8391E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



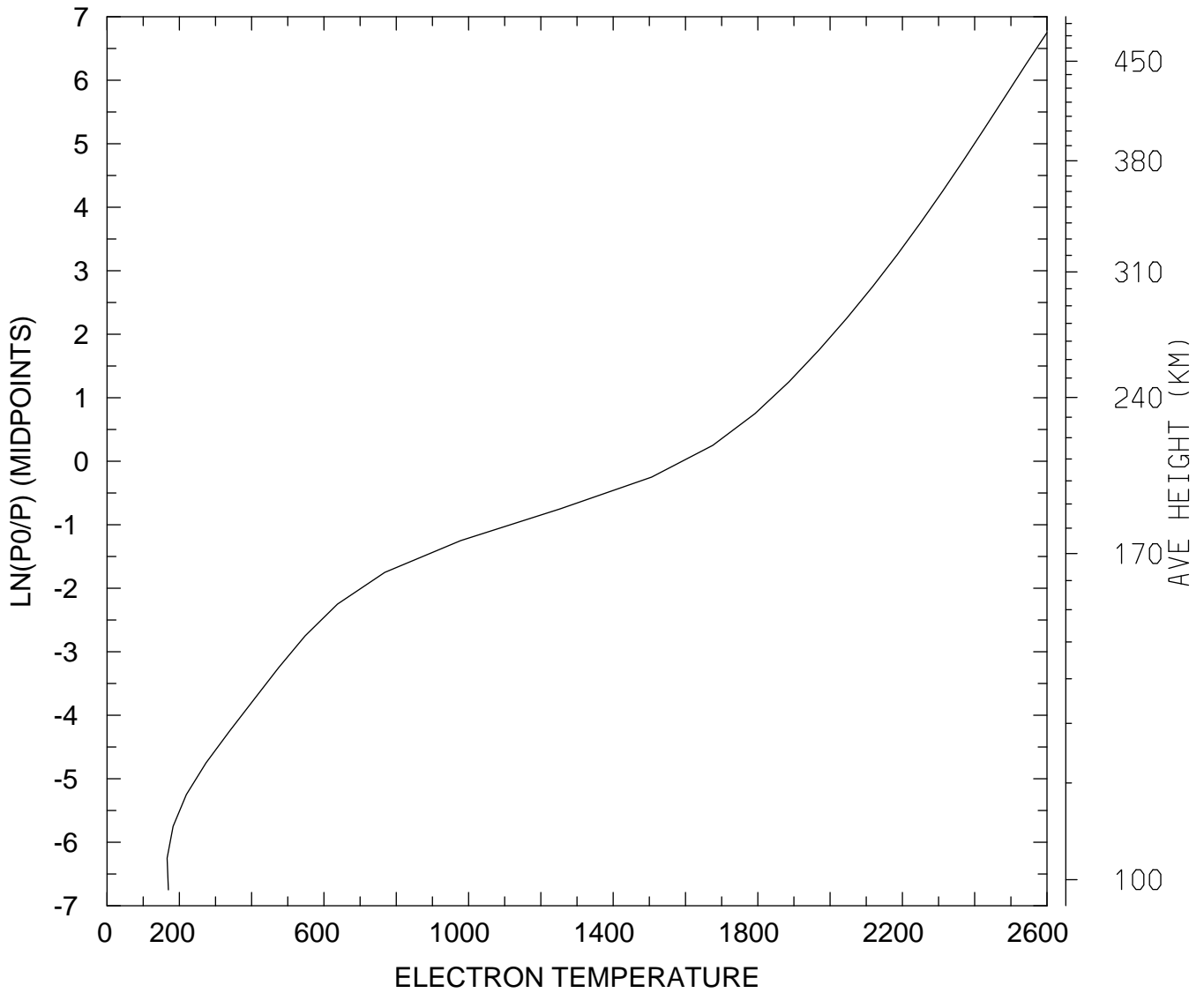
MIN,MAX= 1.7440E+02 2.3929E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



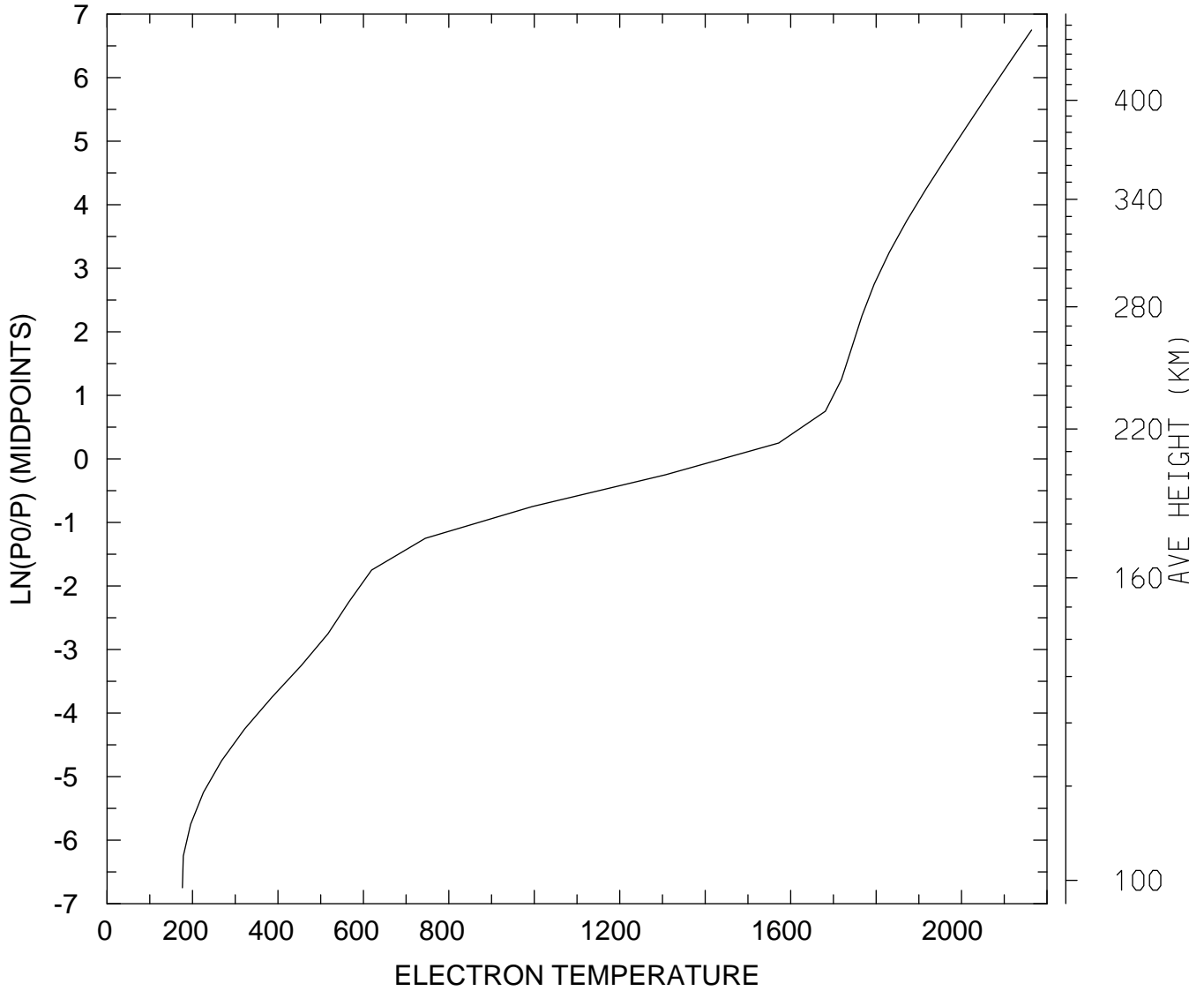
MIN,MAX= 1.6585E+02 2.9075E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



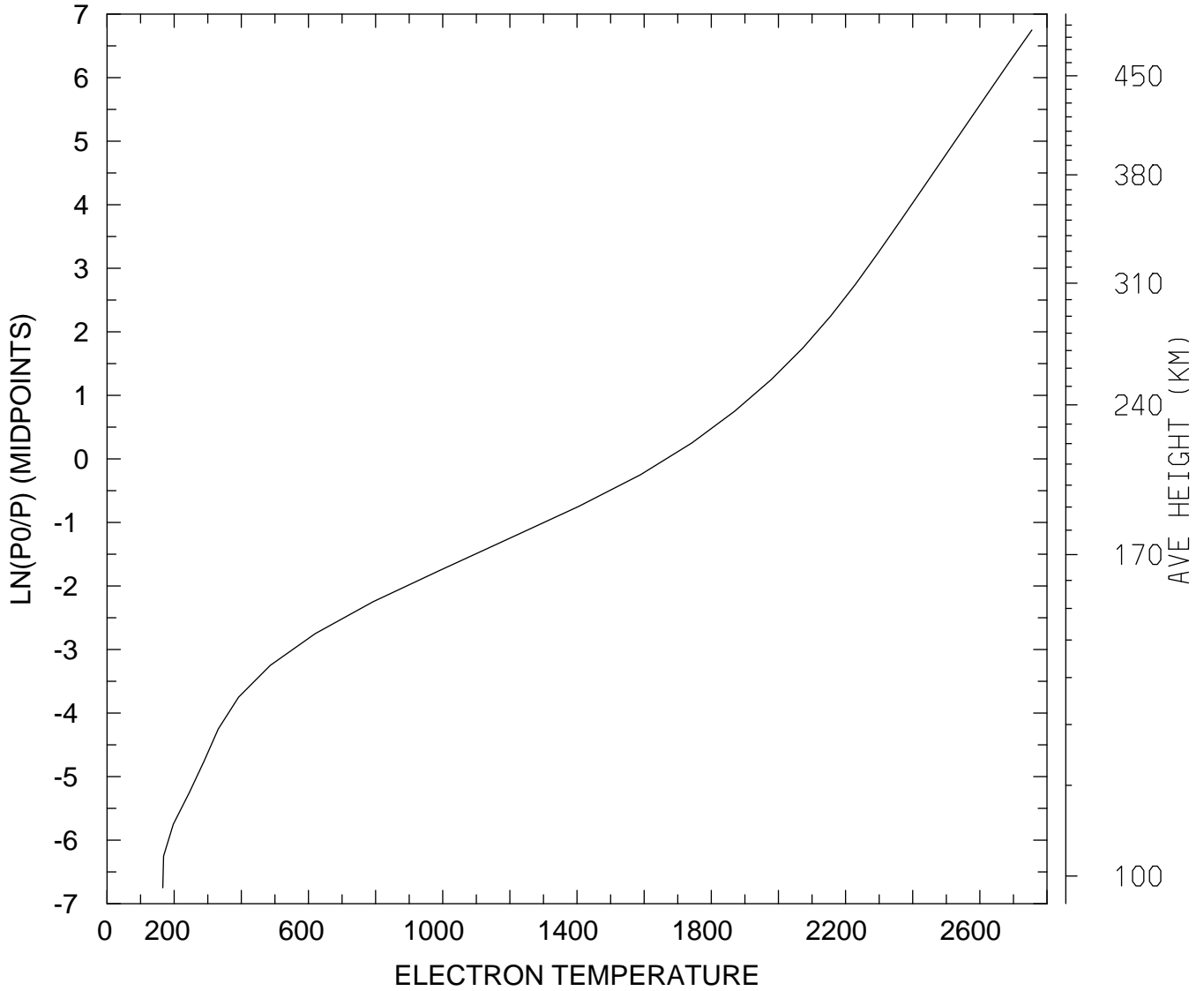
MIN,MAX= 1.6634E+02 2.5999E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 1.7638E+02 2.1638E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

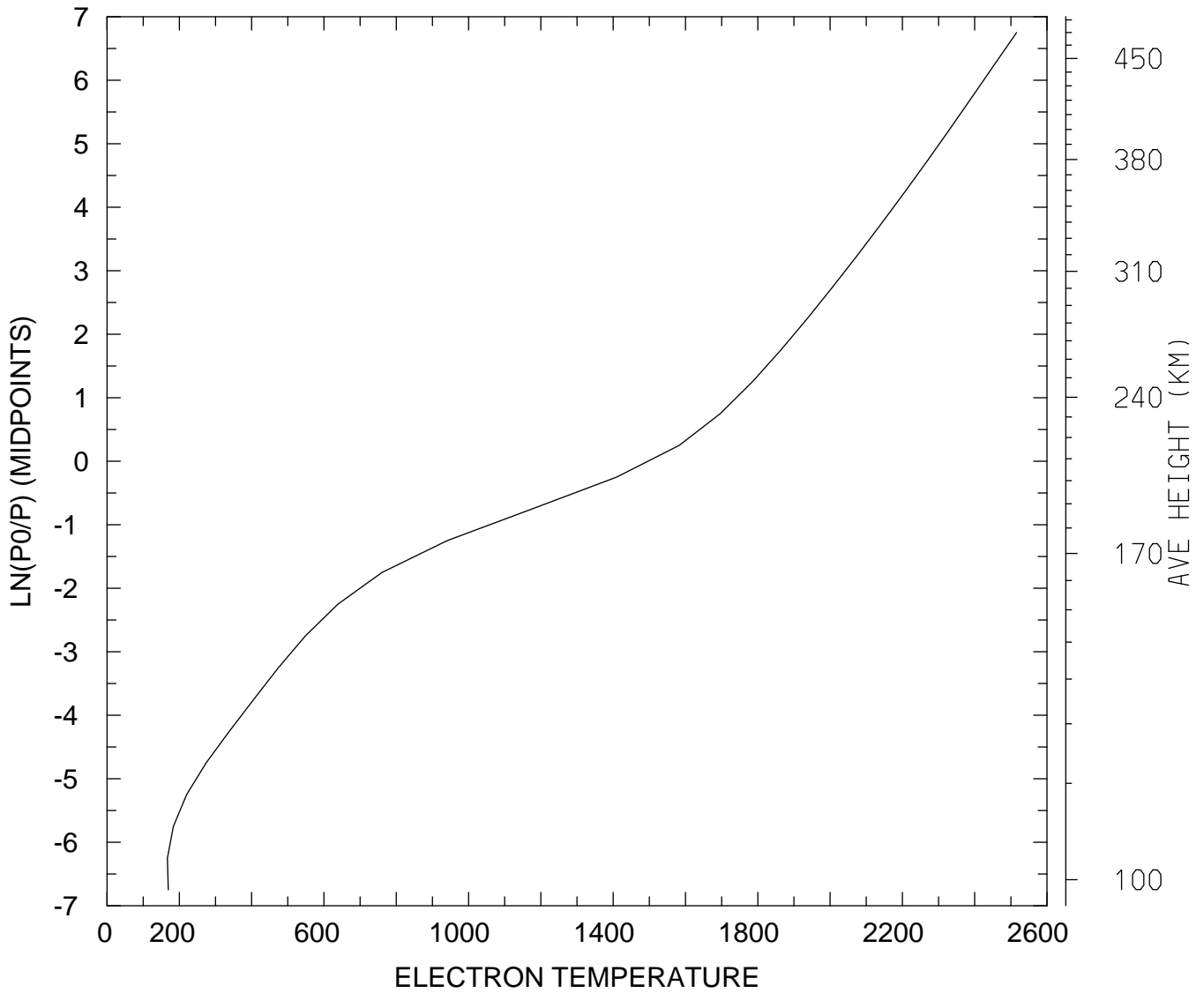
ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



MIN,MAX= 1.6606E+02 2.7550E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

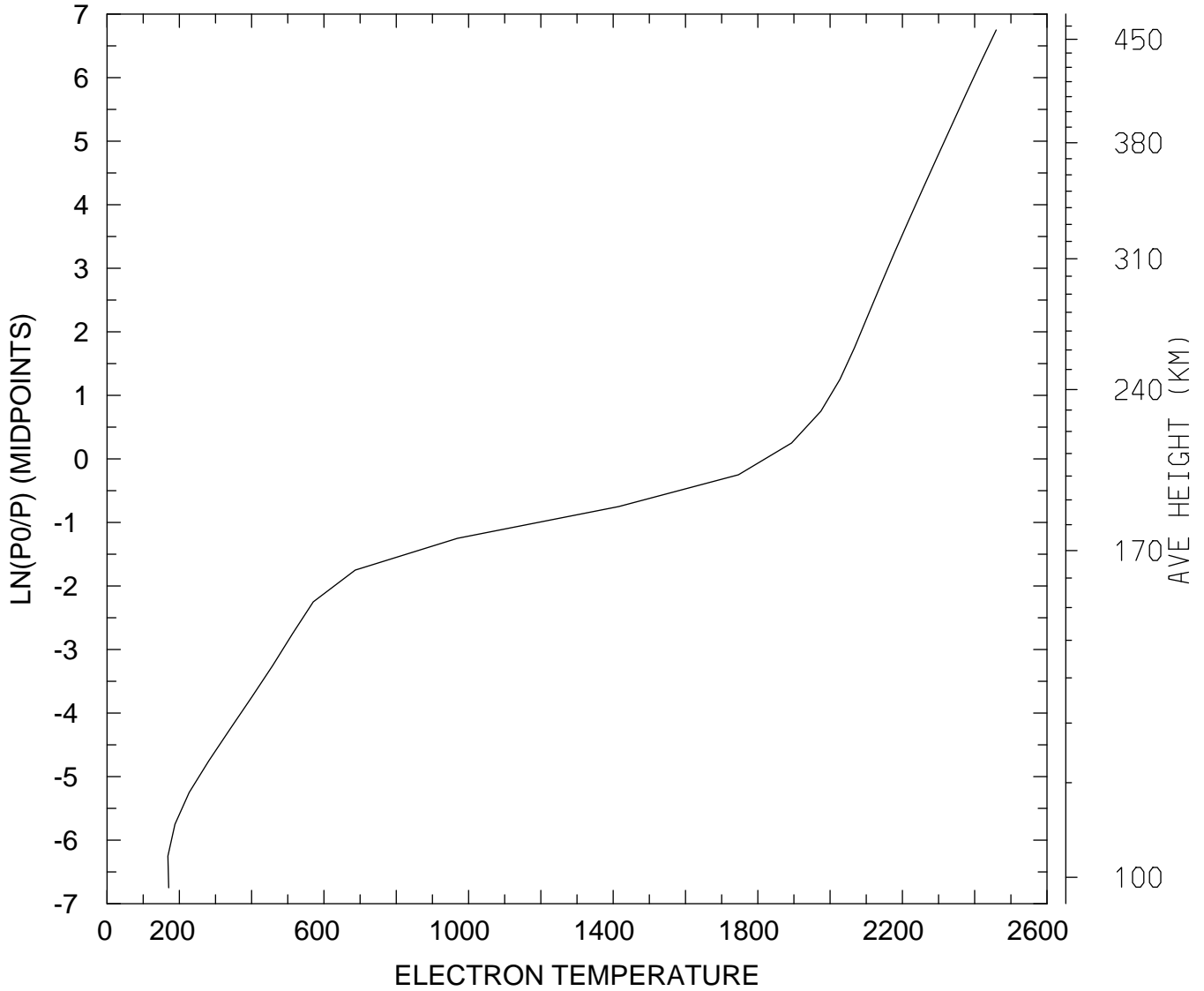


ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



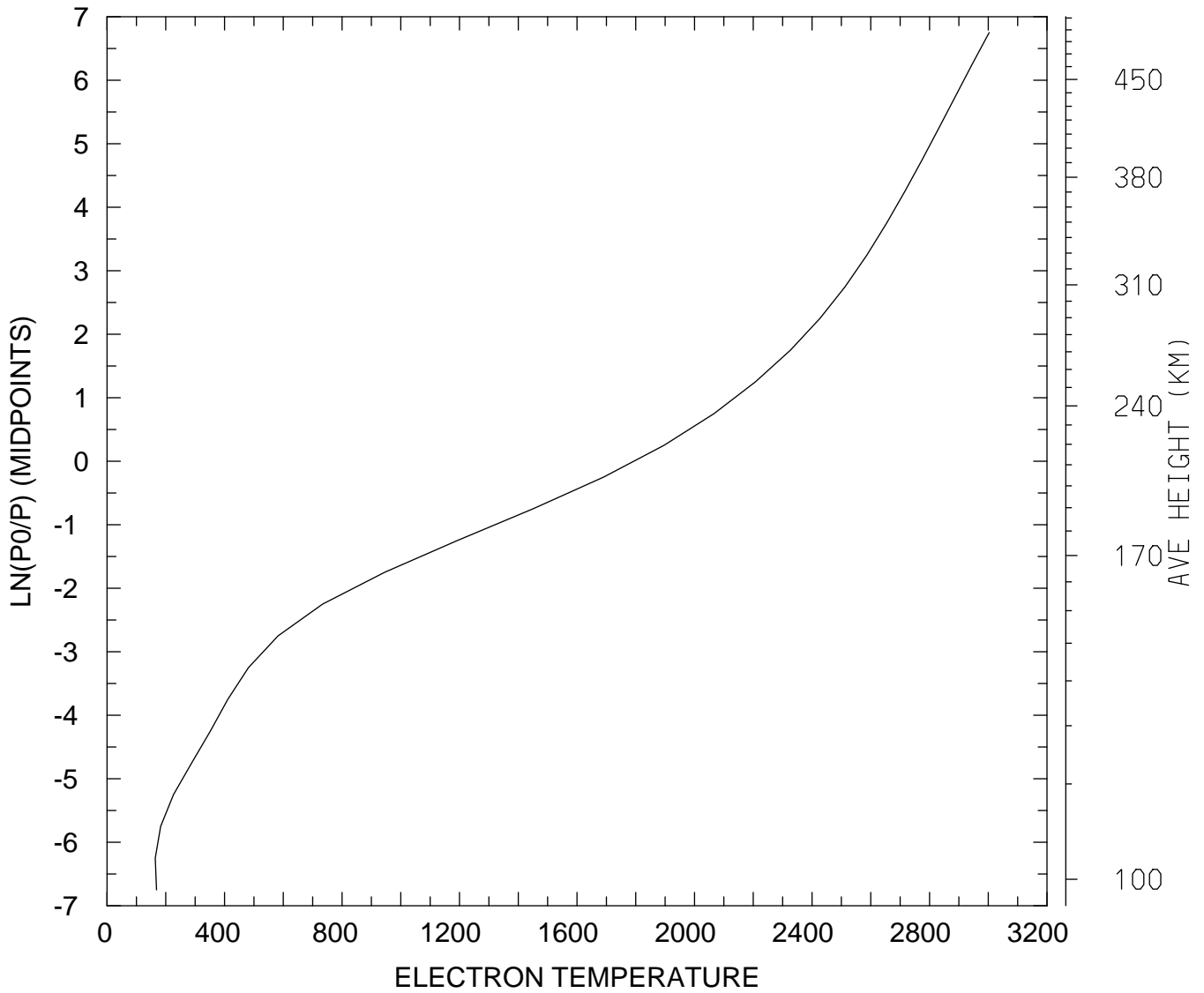
MIN,MAX= 1.6703E+02 2.5159E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



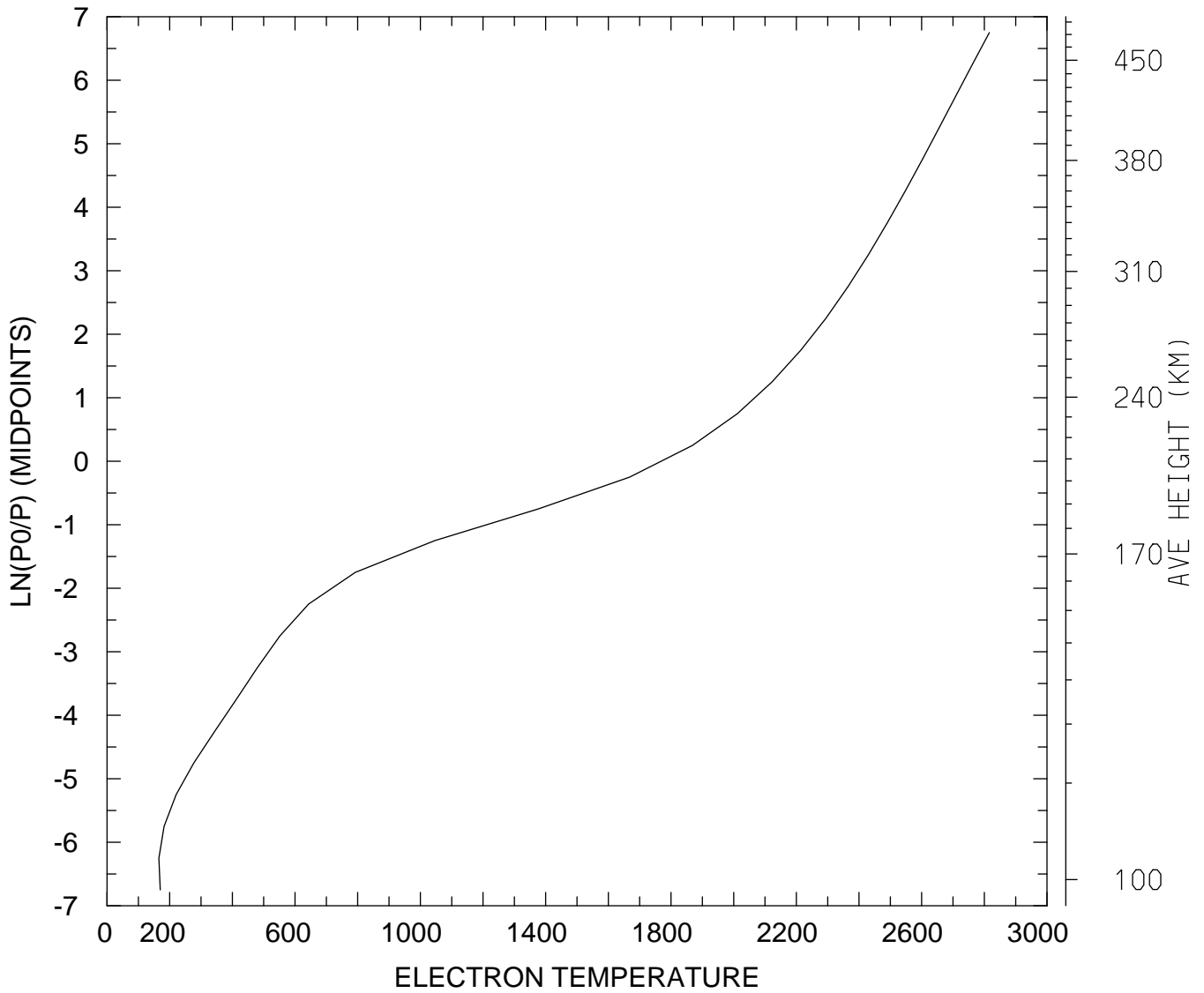
MIN,MAX= 1.6834E+02 2.4596E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



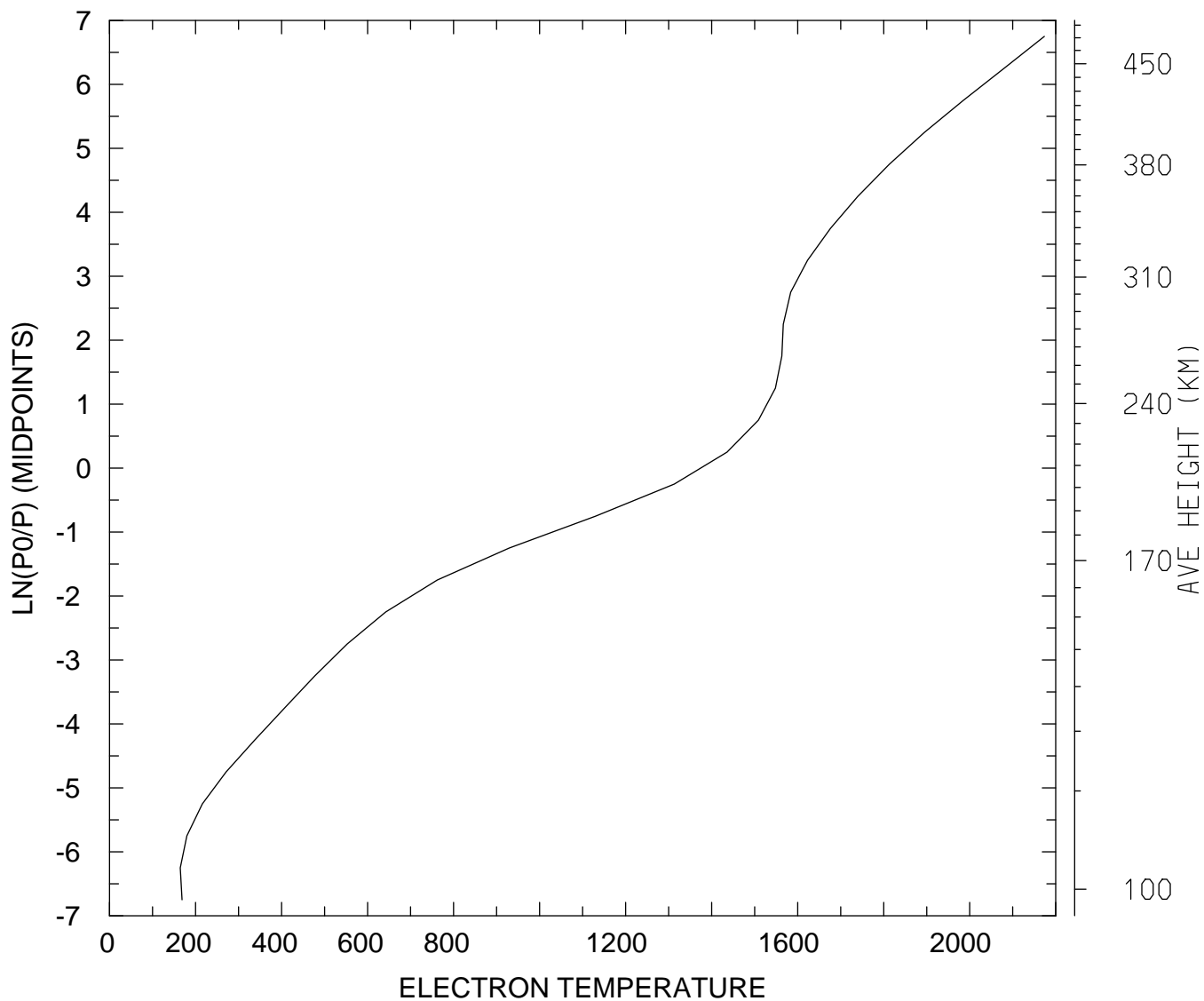
MIN,MAX= 1.6405E+02 3.0029E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



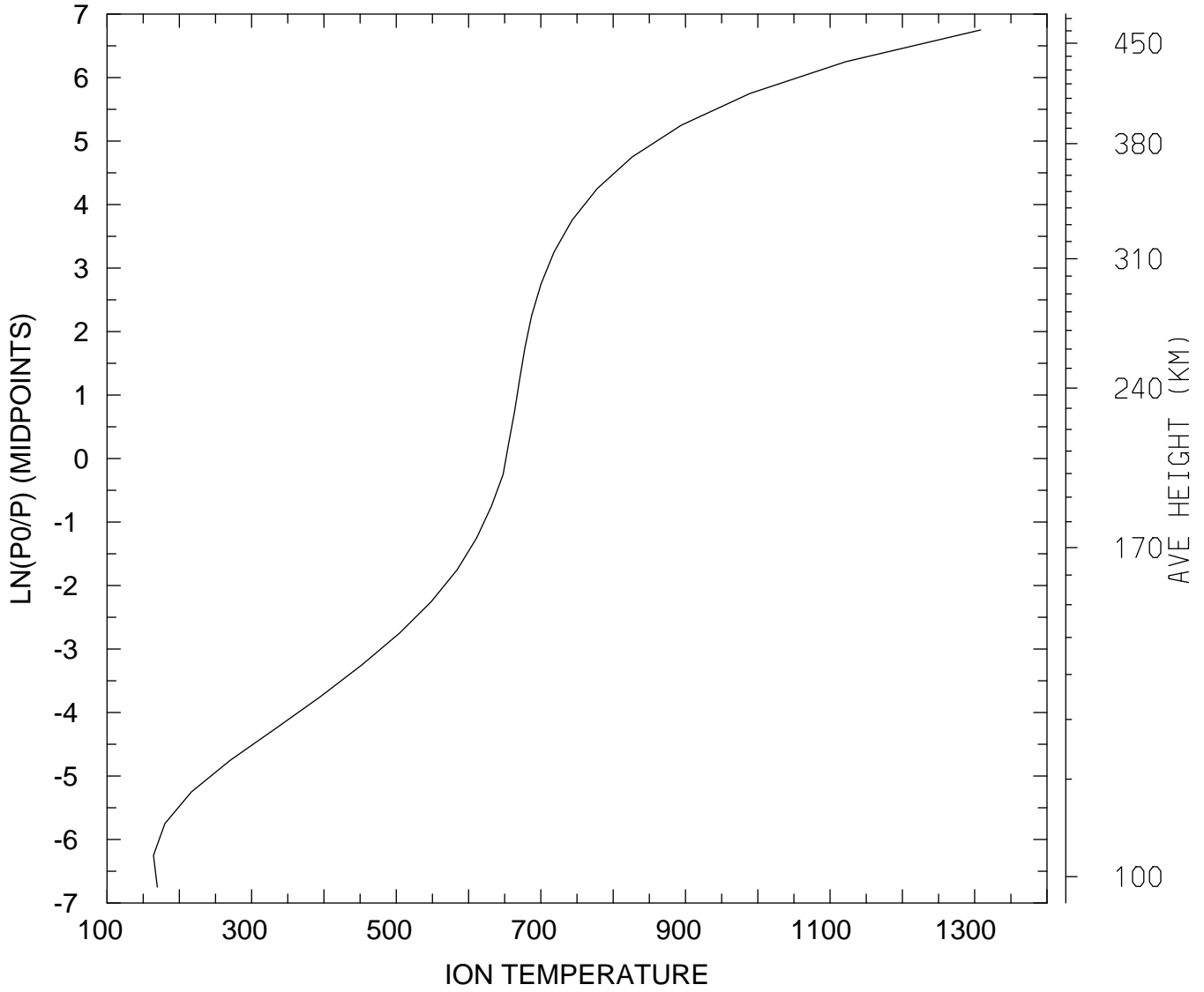
MIN,MAX= 1.6554E+02 2.8161E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
UT= 0.00 GLOBAL MEANS



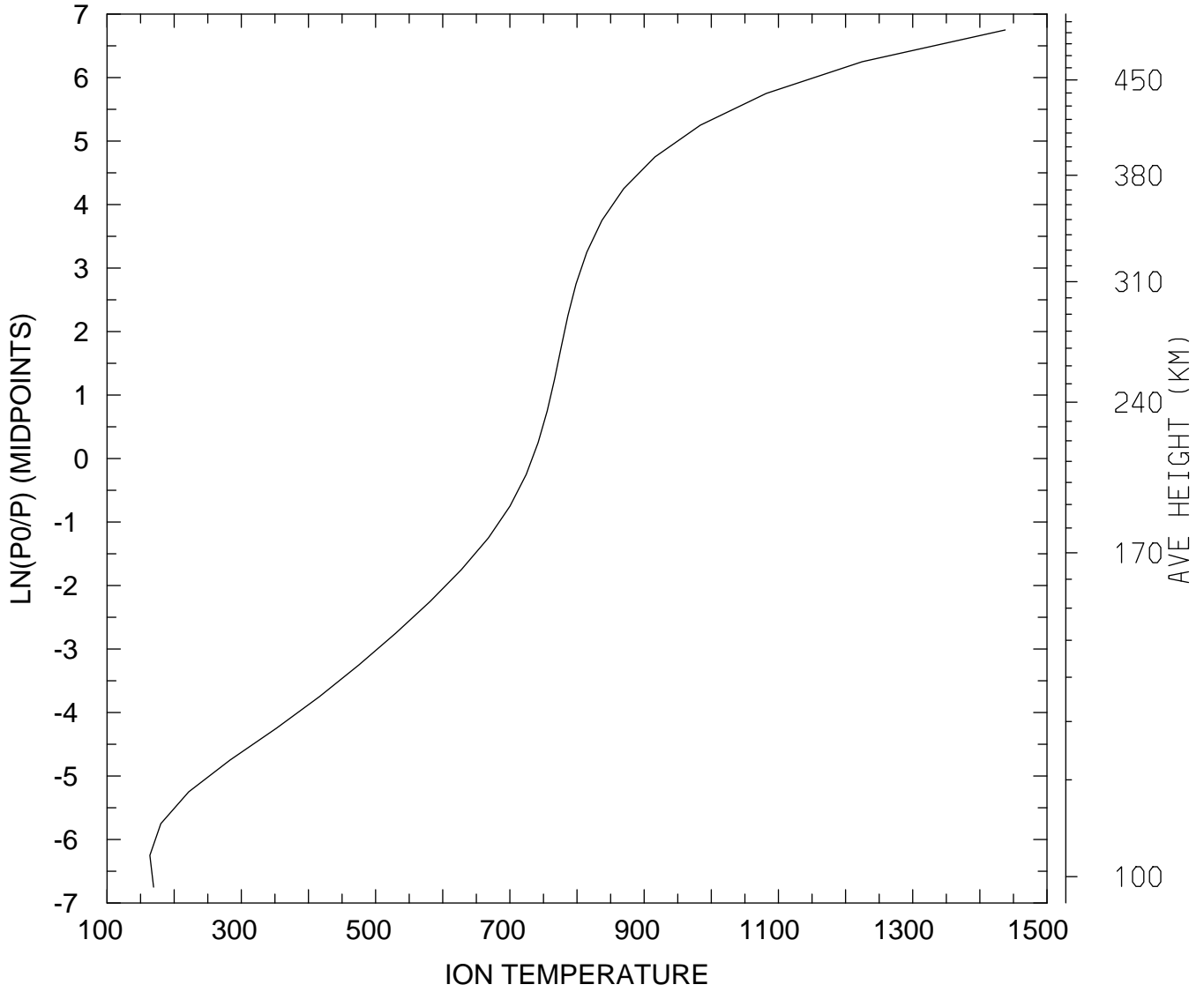
MIN,MAX= 1.6455E+02 2.1735E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



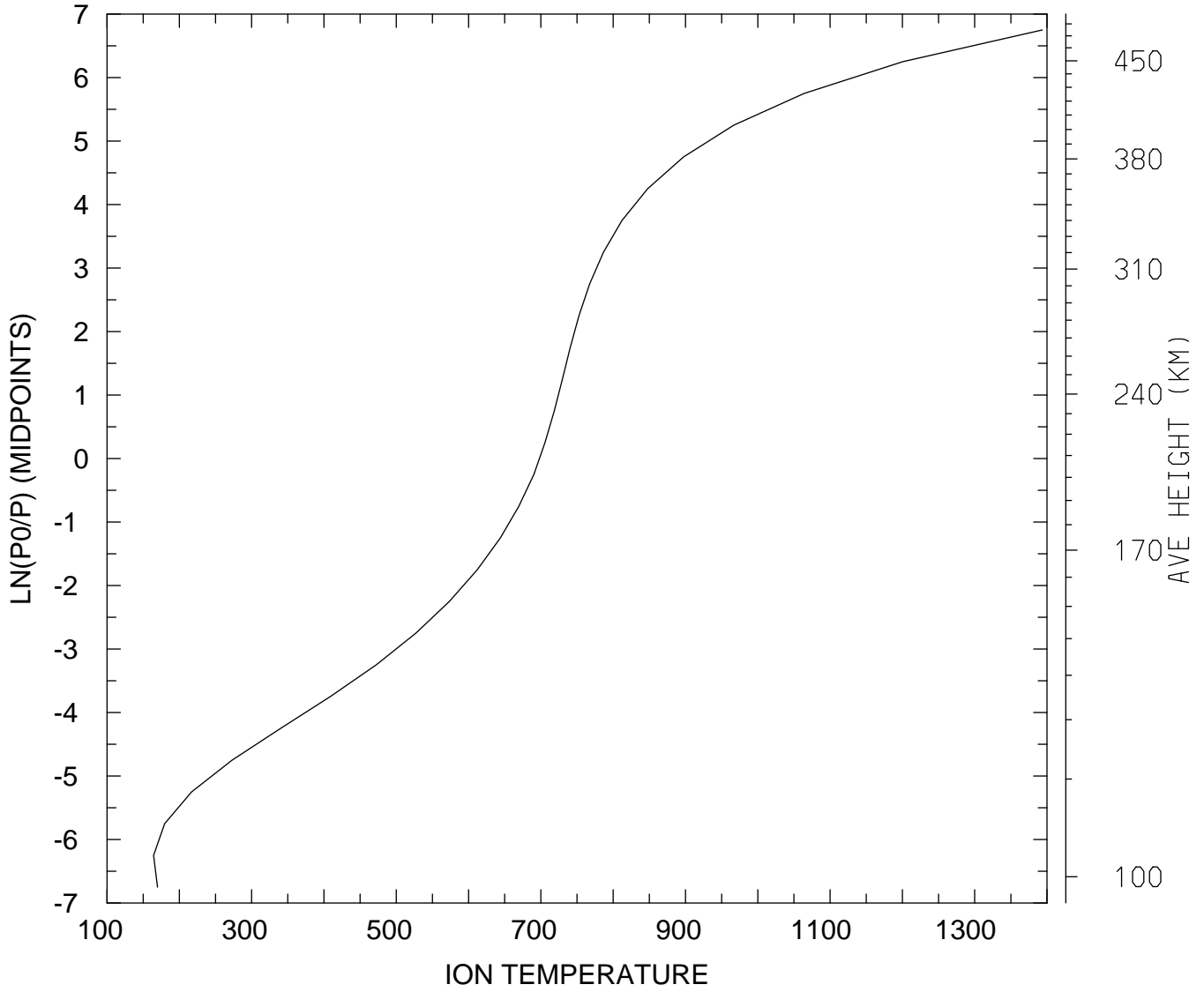
MIN,MAX= 1.6426E+02 1.3082E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 1.6382E+02 1.4377E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

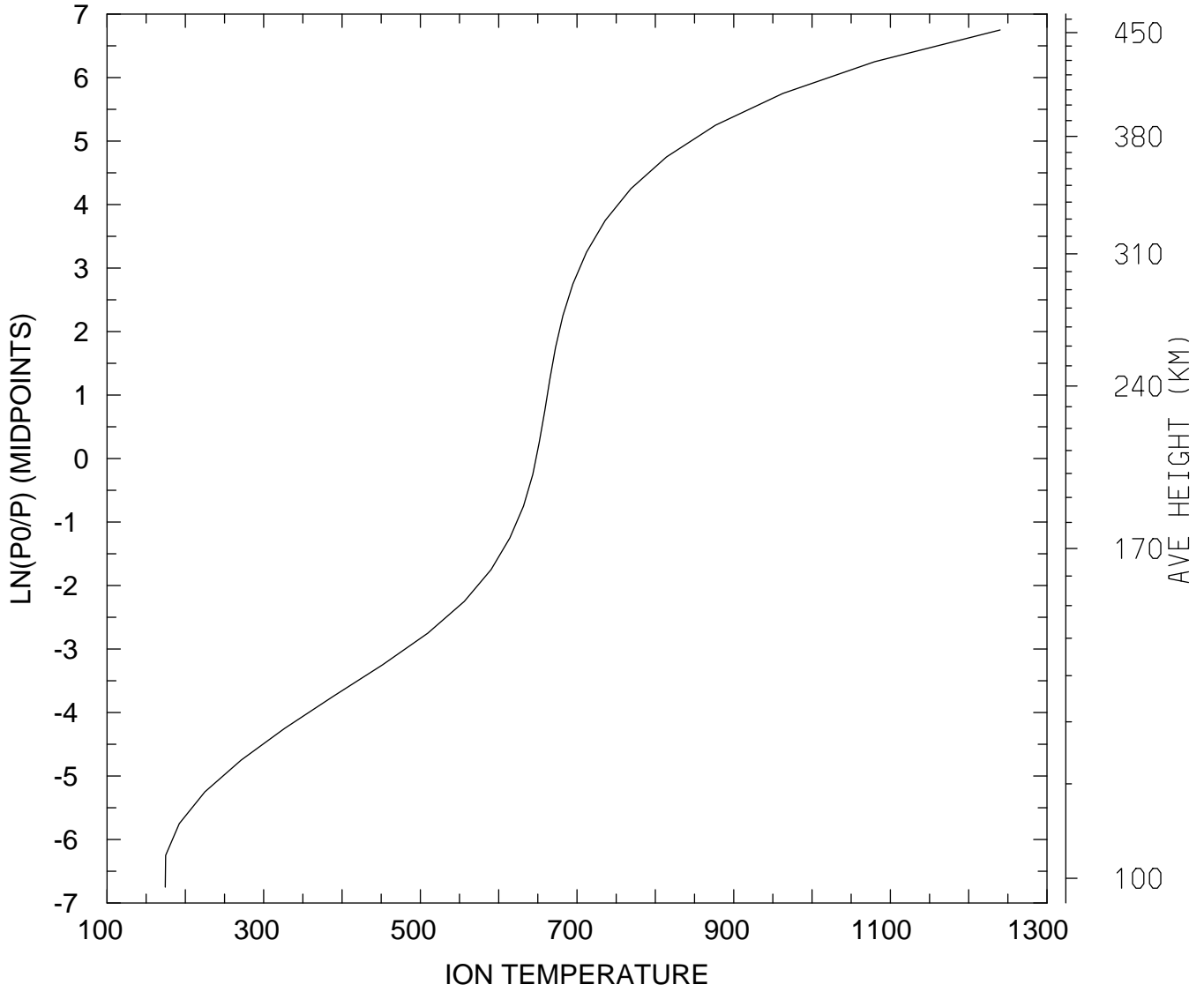
ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



MIN,MAX= 1.6442E+02 1.3935E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

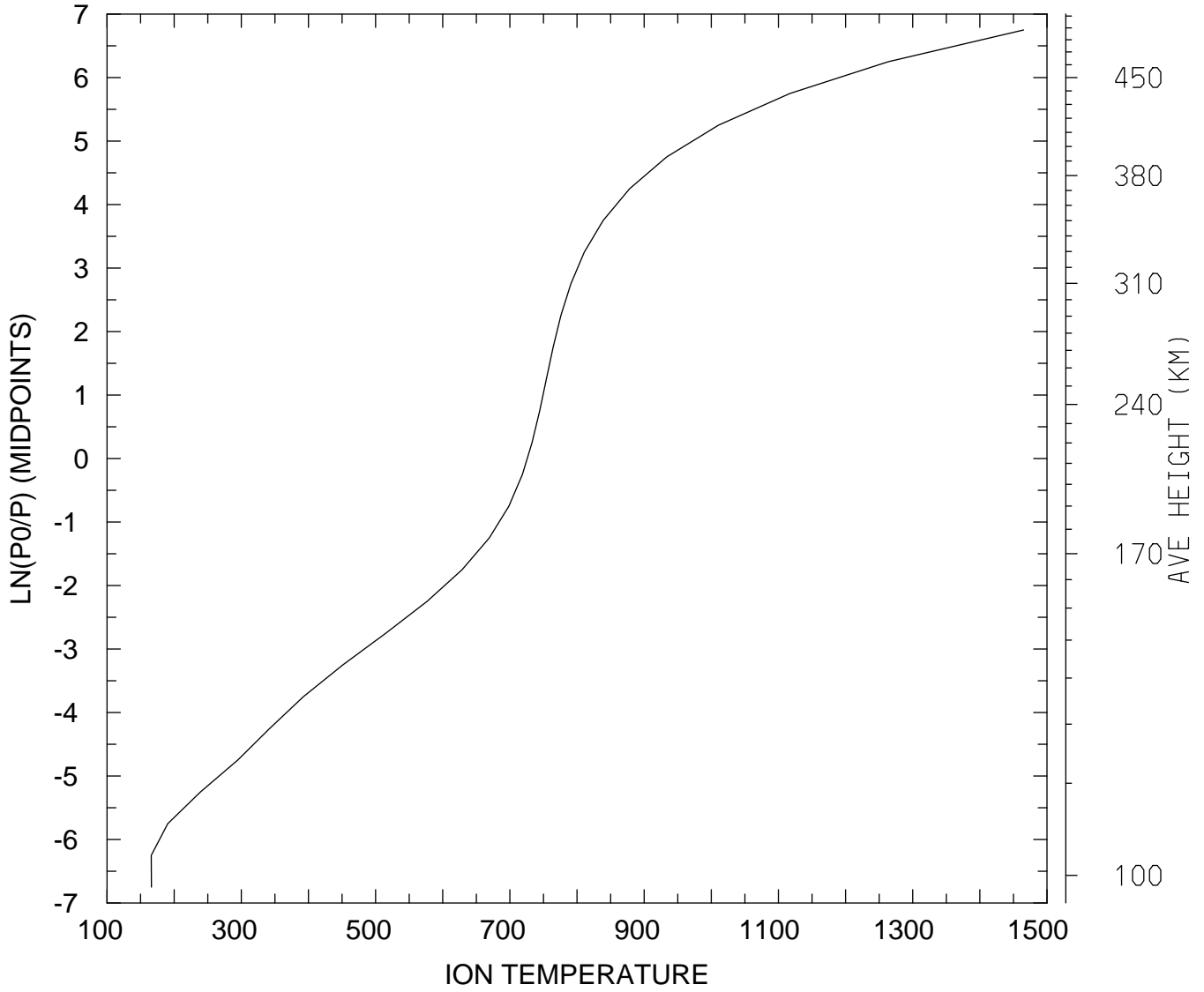


ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



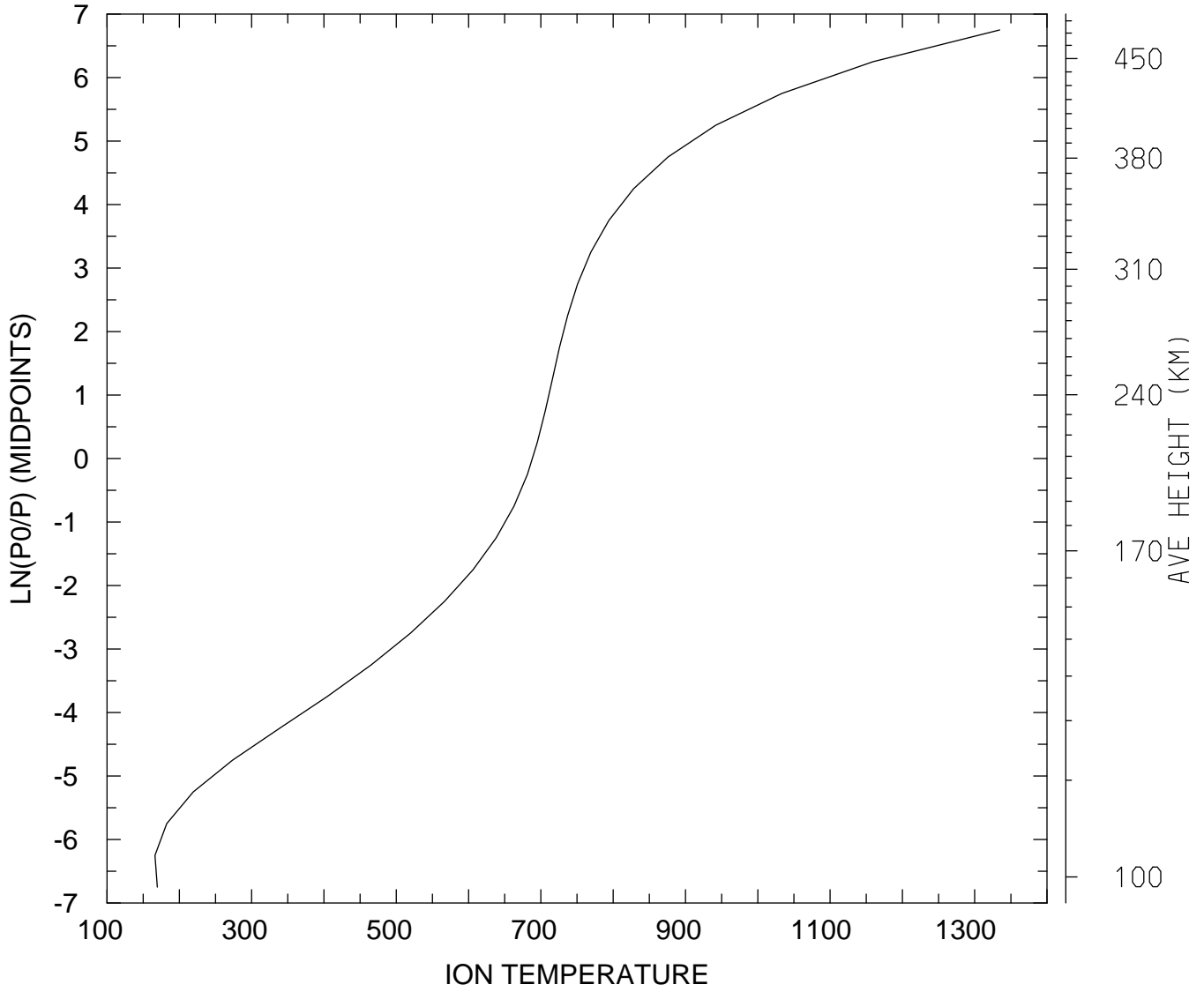
MIN,MAX= 1.7440E+02 1.2402E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



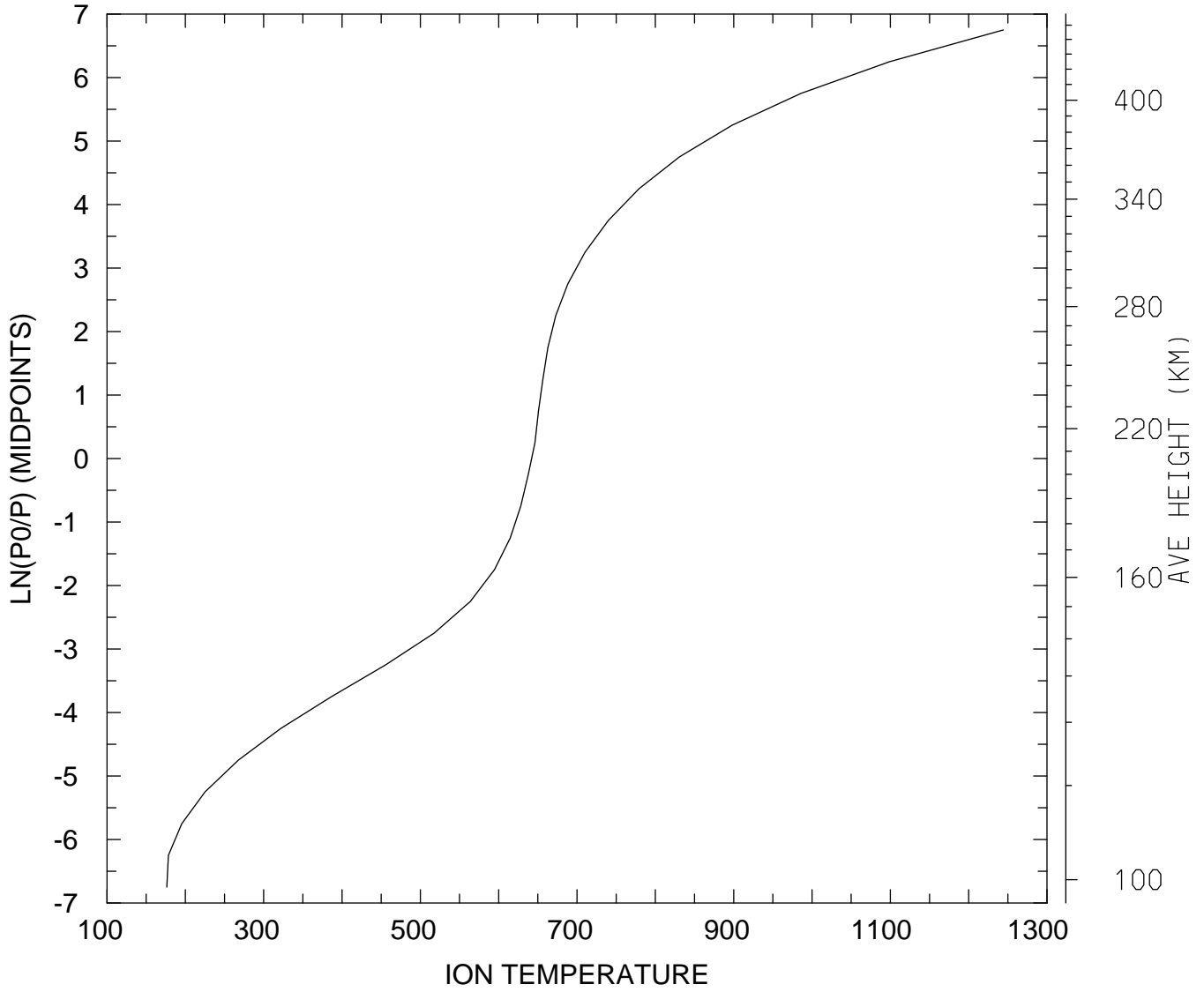
MIN,MAX= 1.6586E+02 1.4652E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



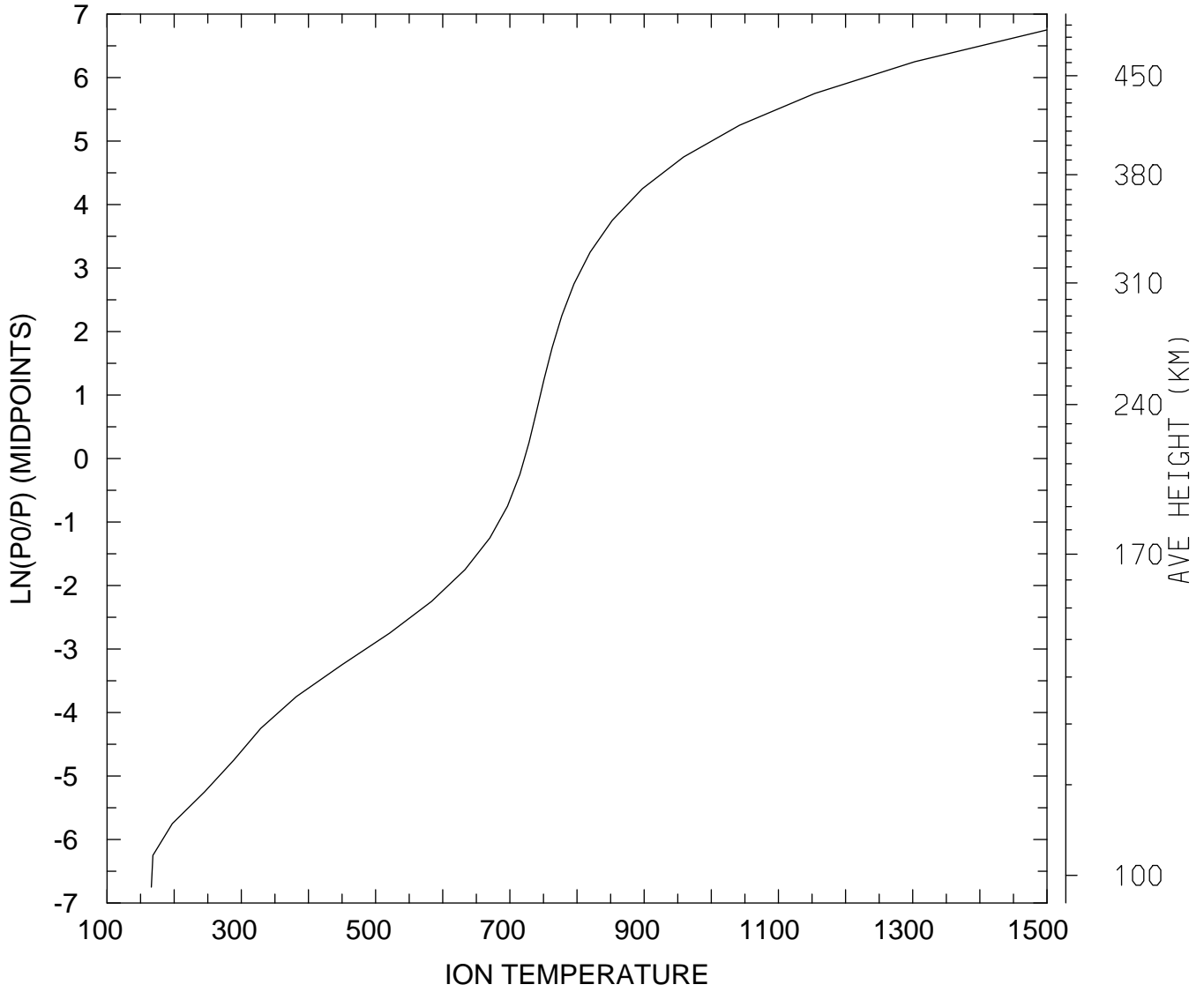
MIN,MAX= 1.6631E+02 1.3345E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



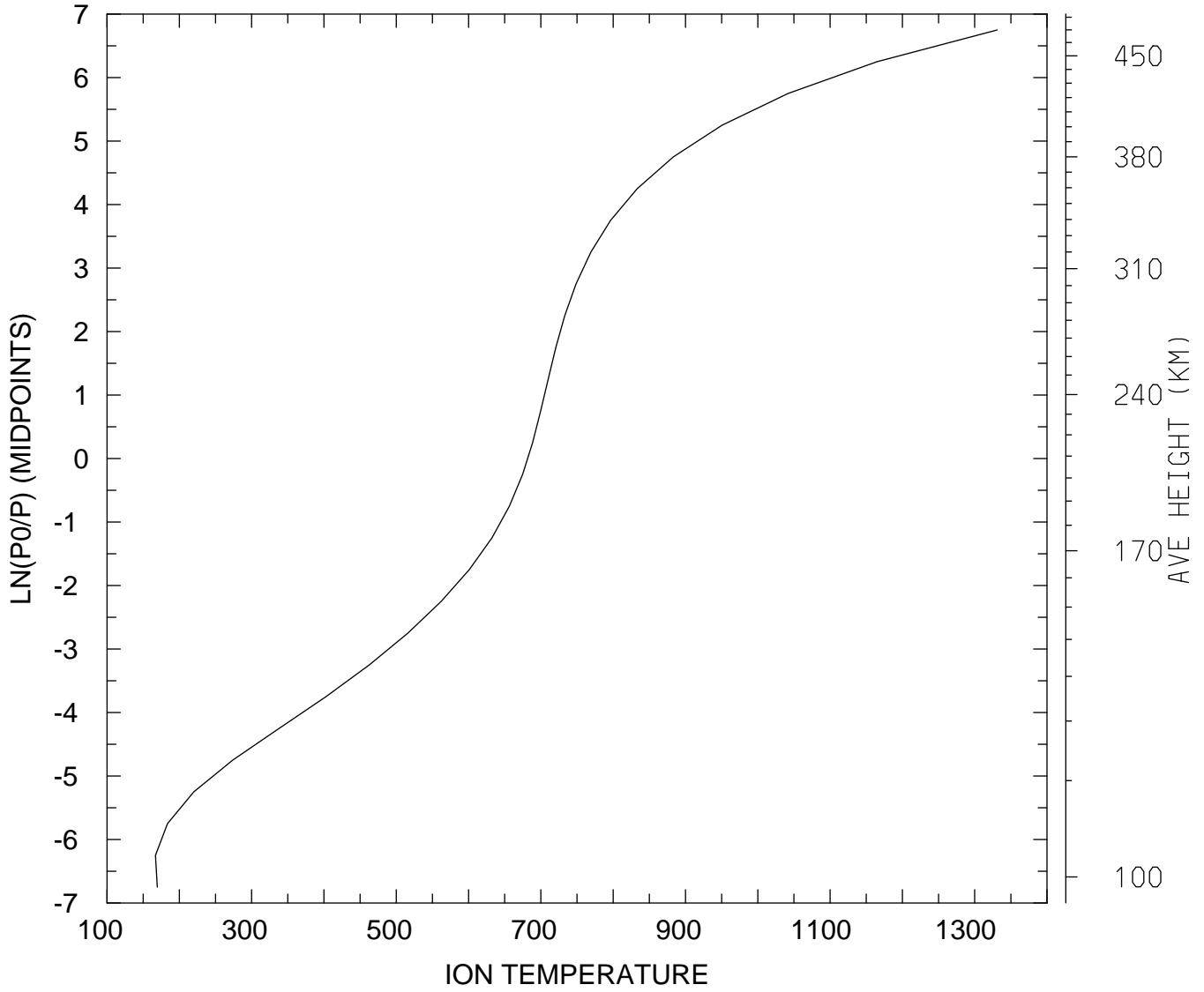
MIN,MAX= 1.7638E+02 1.2442E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



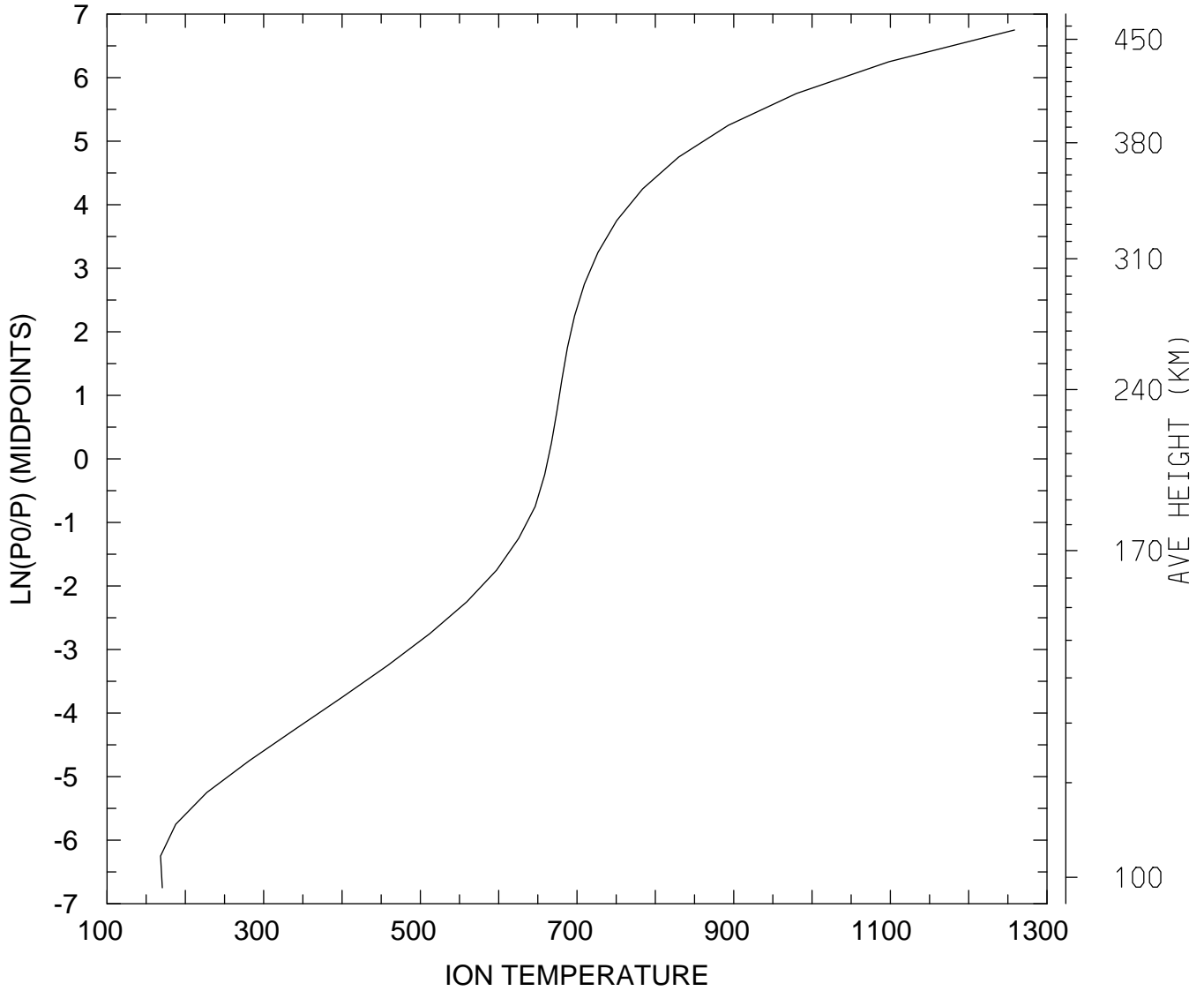
MIN,MAX= 1.6606E+02 1.4997E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



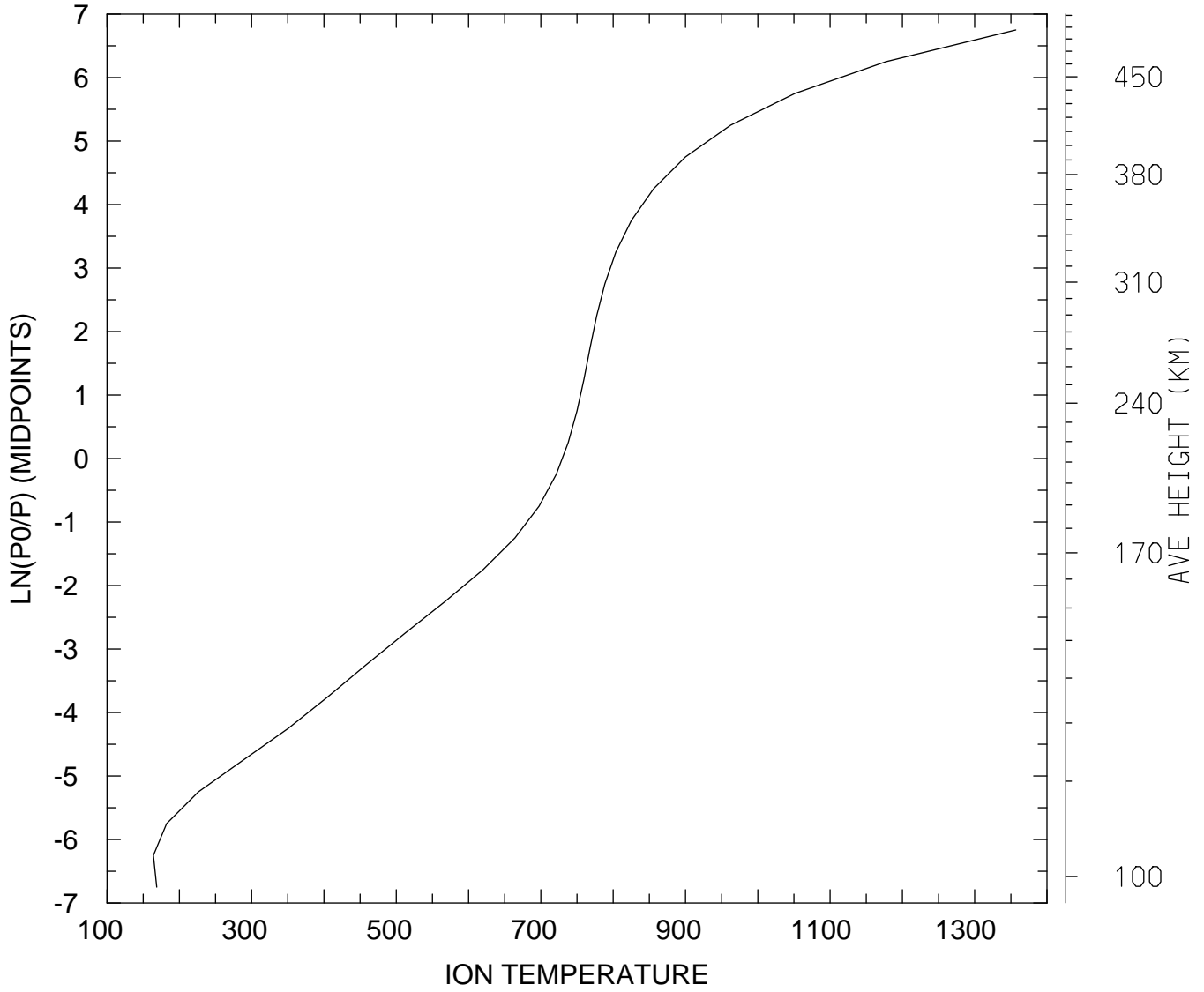
MIN,MAX= 1.6698E+02 1.3311E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 1.6834E+02 1.2586E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

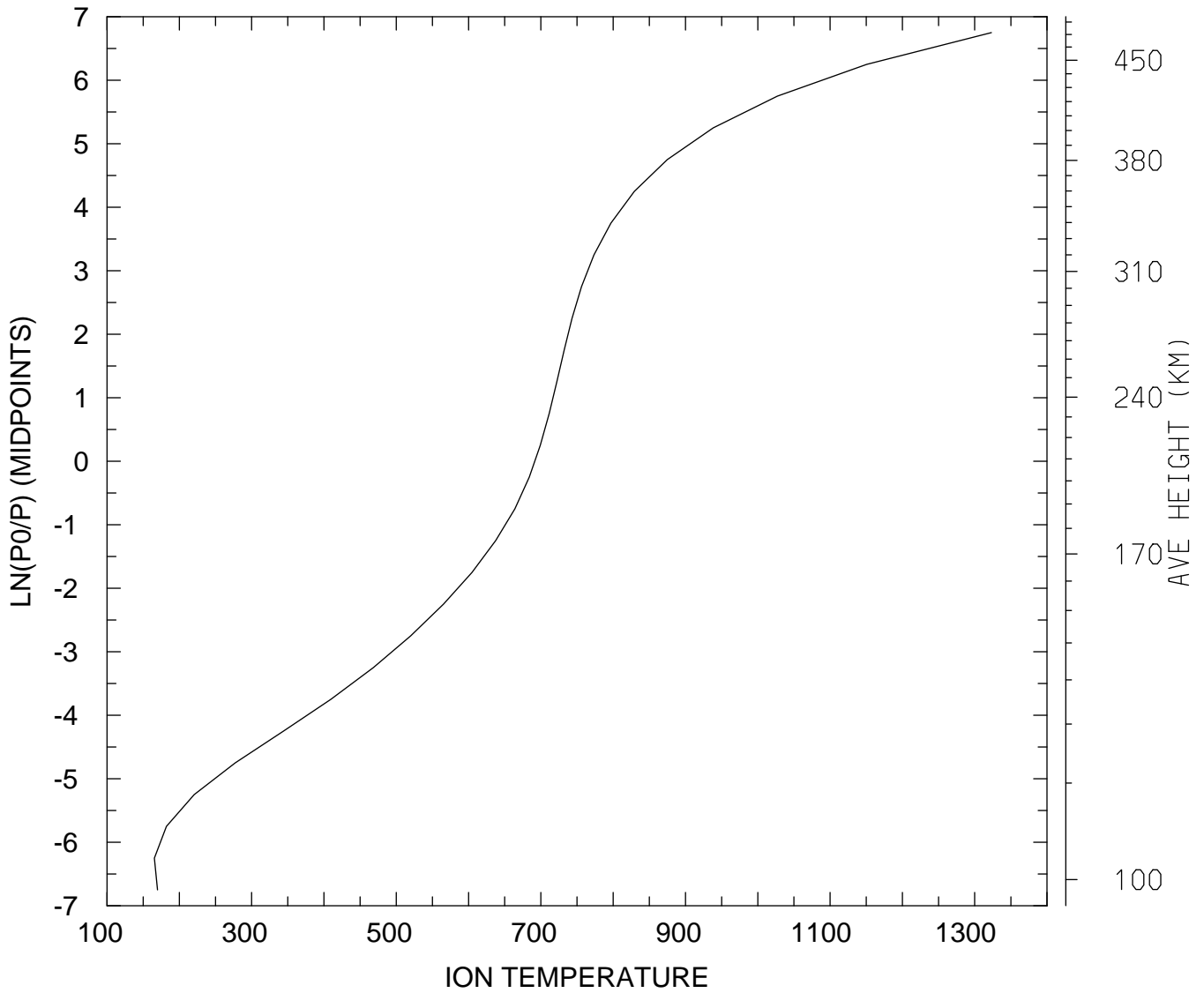
ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



MIN,MAX= 1.6405E+02 1.3569E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

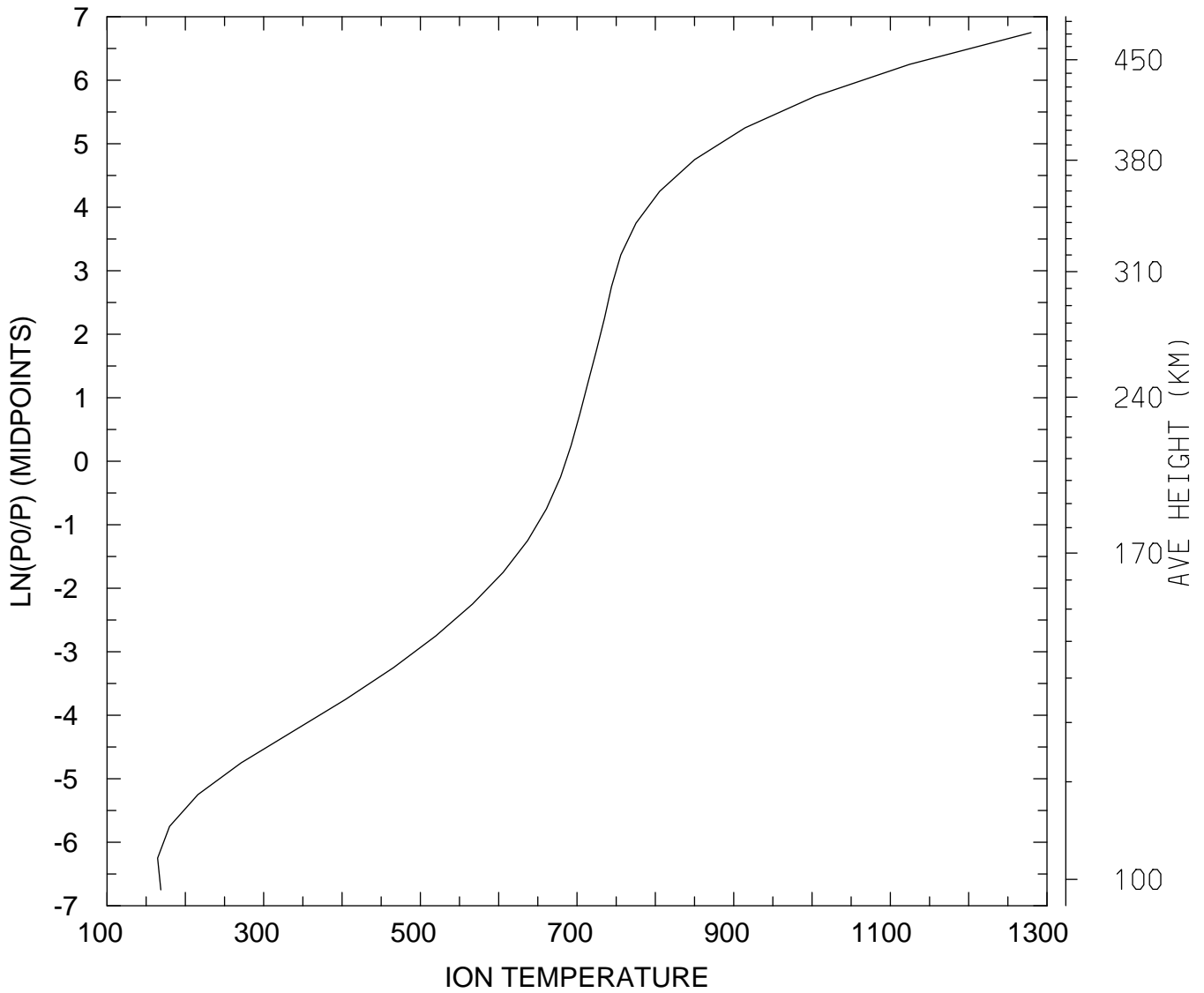


ION TEMPERATURE (DEG K)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



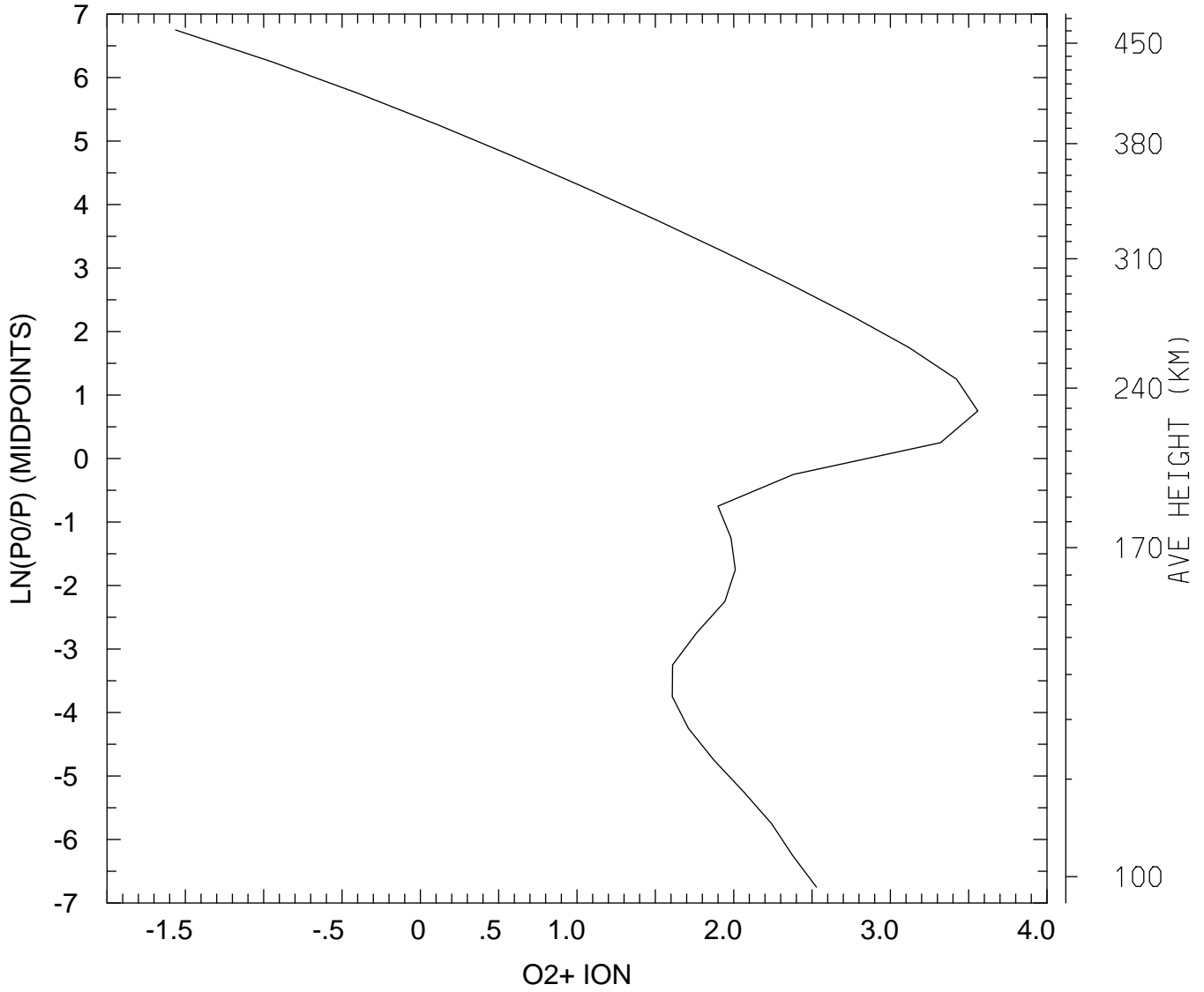
MIN,MAX= 1.6553E+02 1.3230E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
UT= 0.00 GLOBAL MEANS



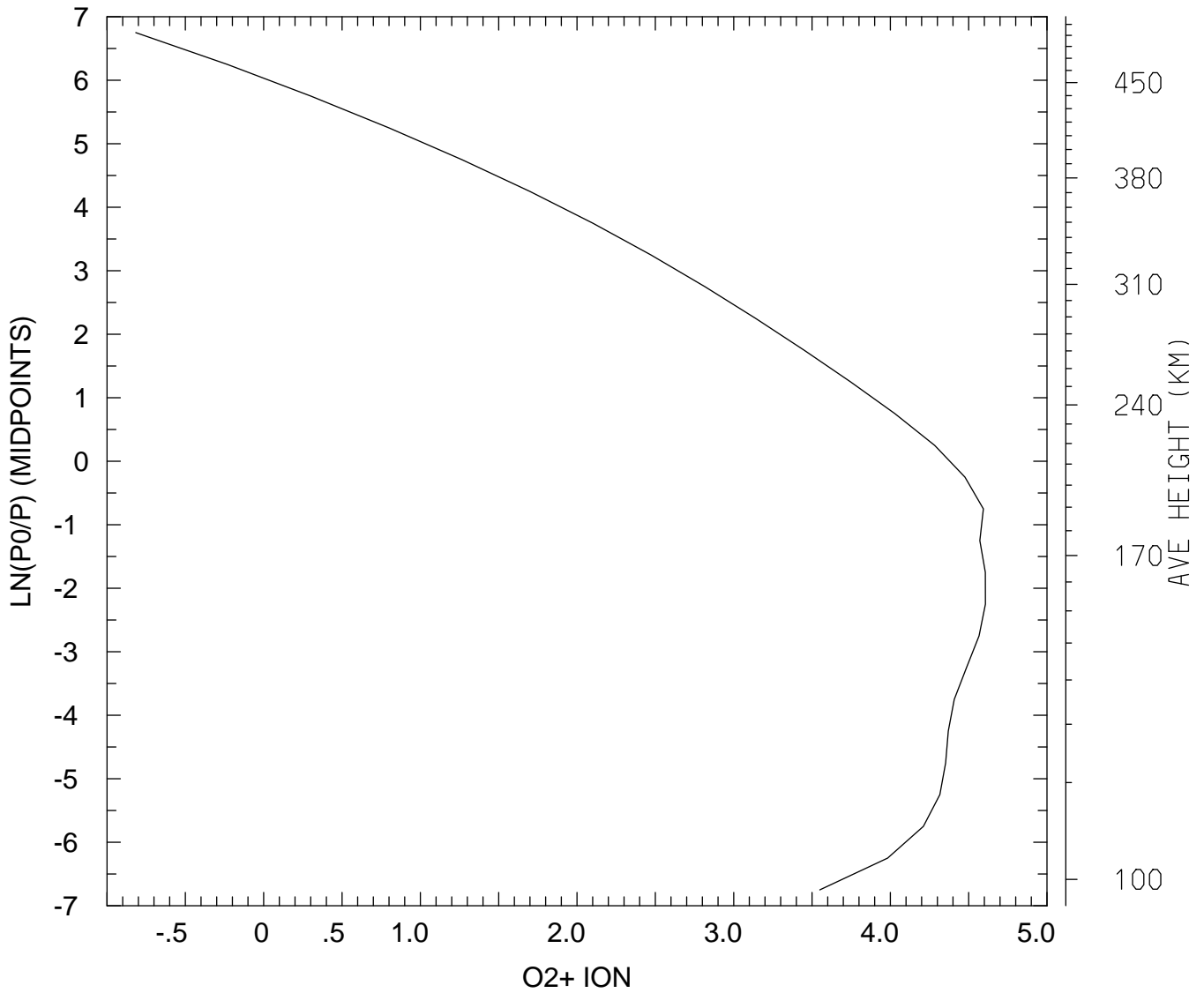
MIN,MAX= 1.6453E+02 1.2798E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



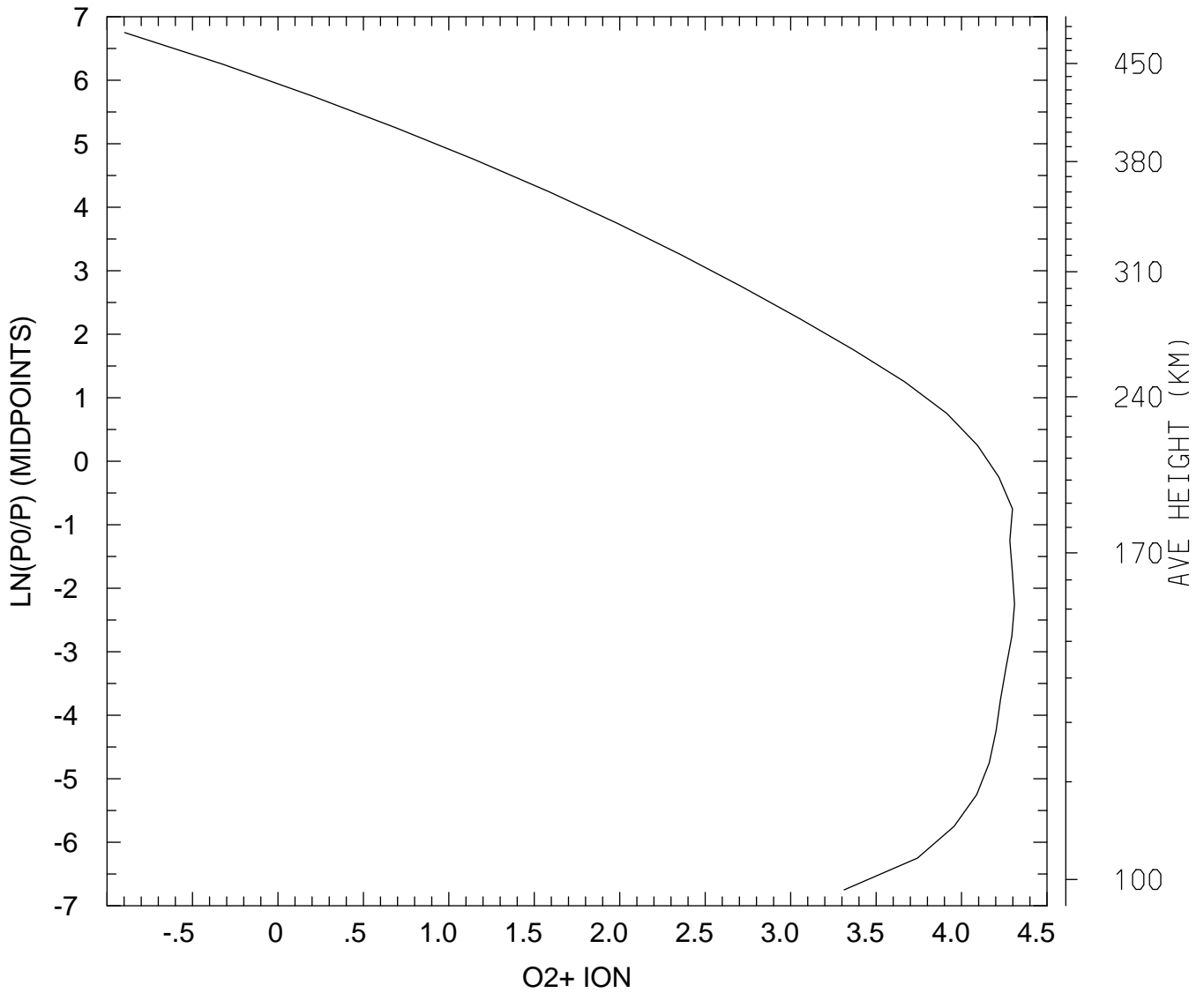
MIN,MAX= 2.7383E-02 3.6153E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



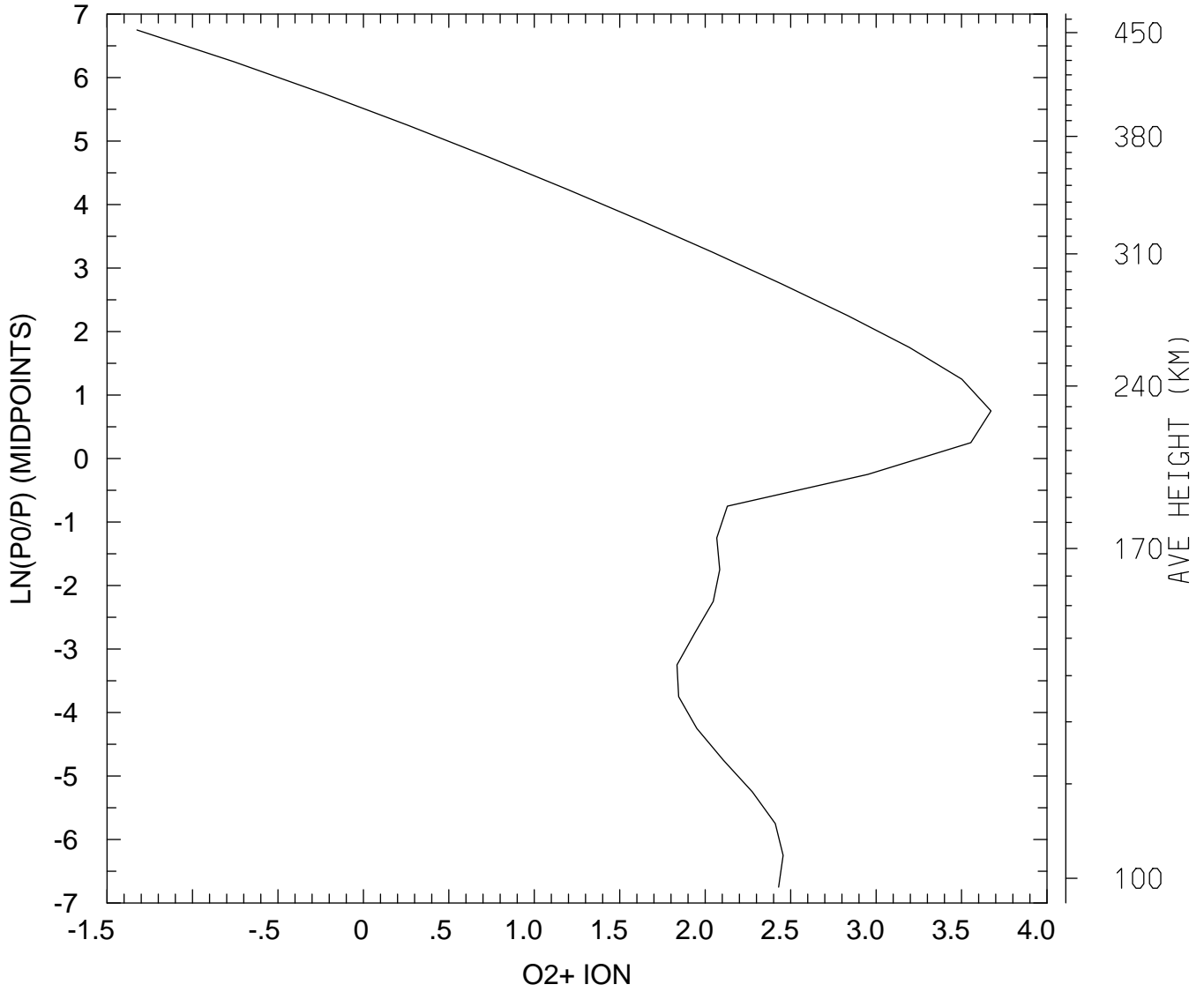
MIN,MAX= 1.5261E-01 4.0475E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



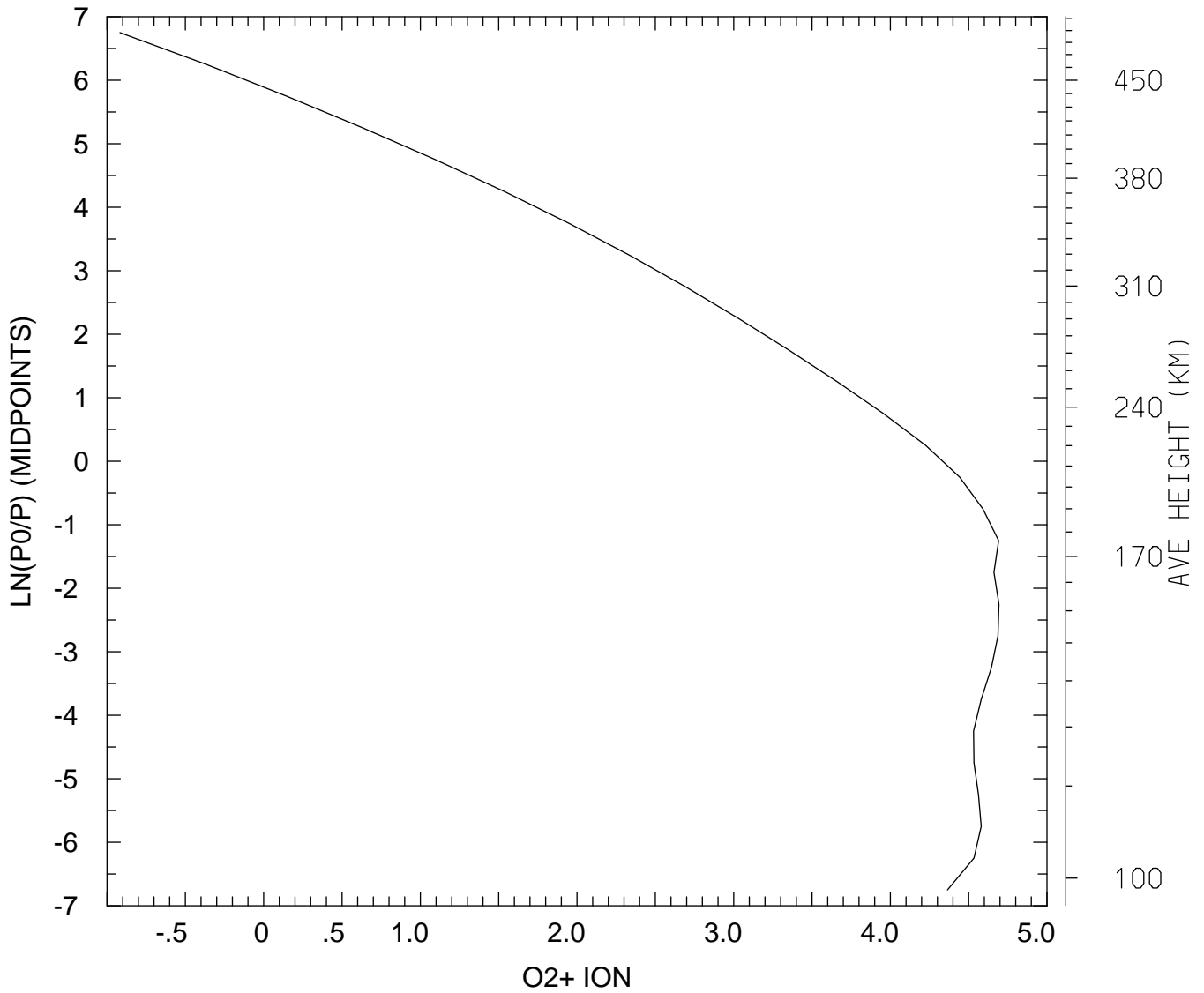
MIN,MAX= 1.2677E-01 2.0406E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



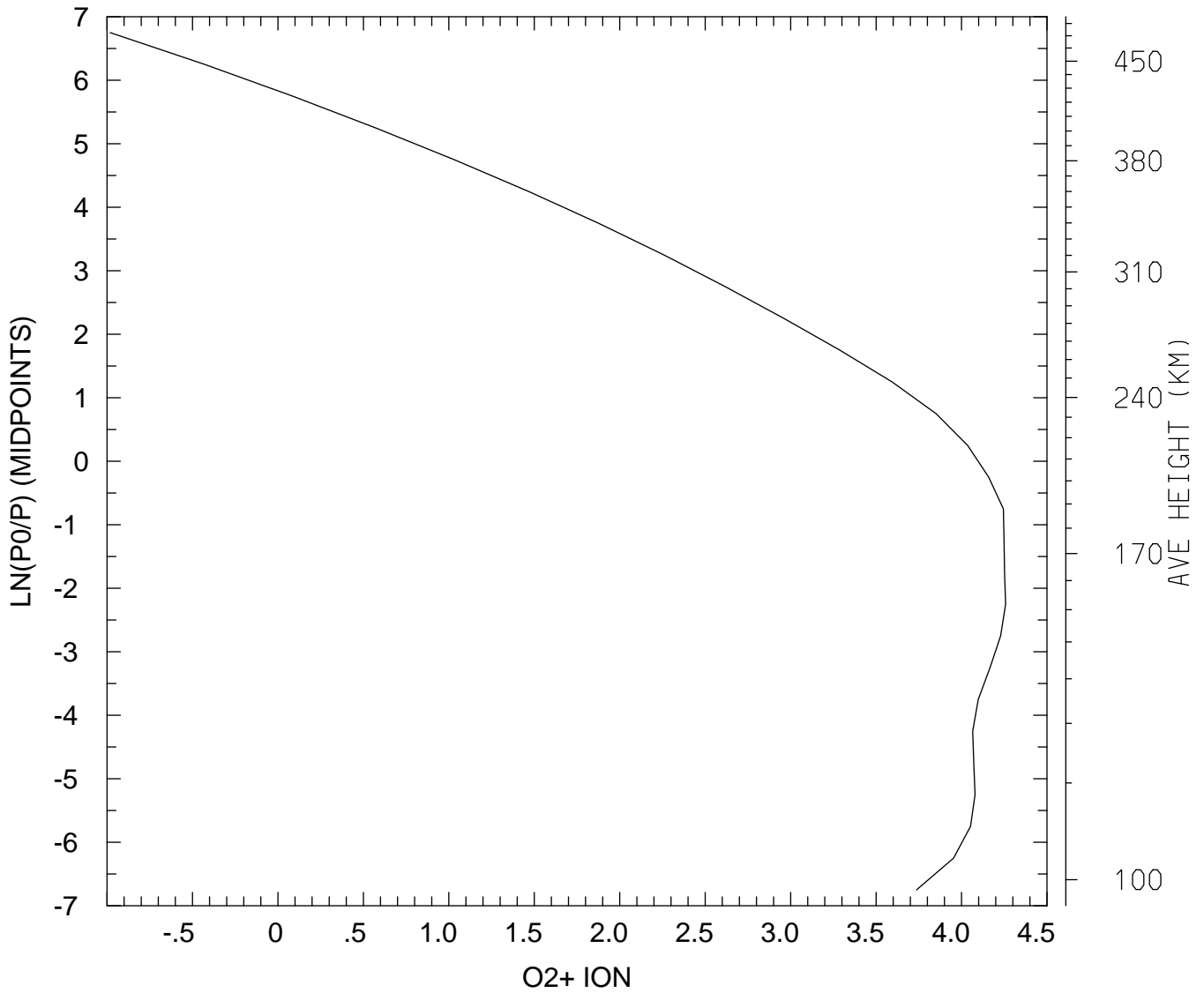
MIN,MAX= 4.7324E-02 4.6996E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



MIN,MAX= 1.2088E-01 4.9346E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

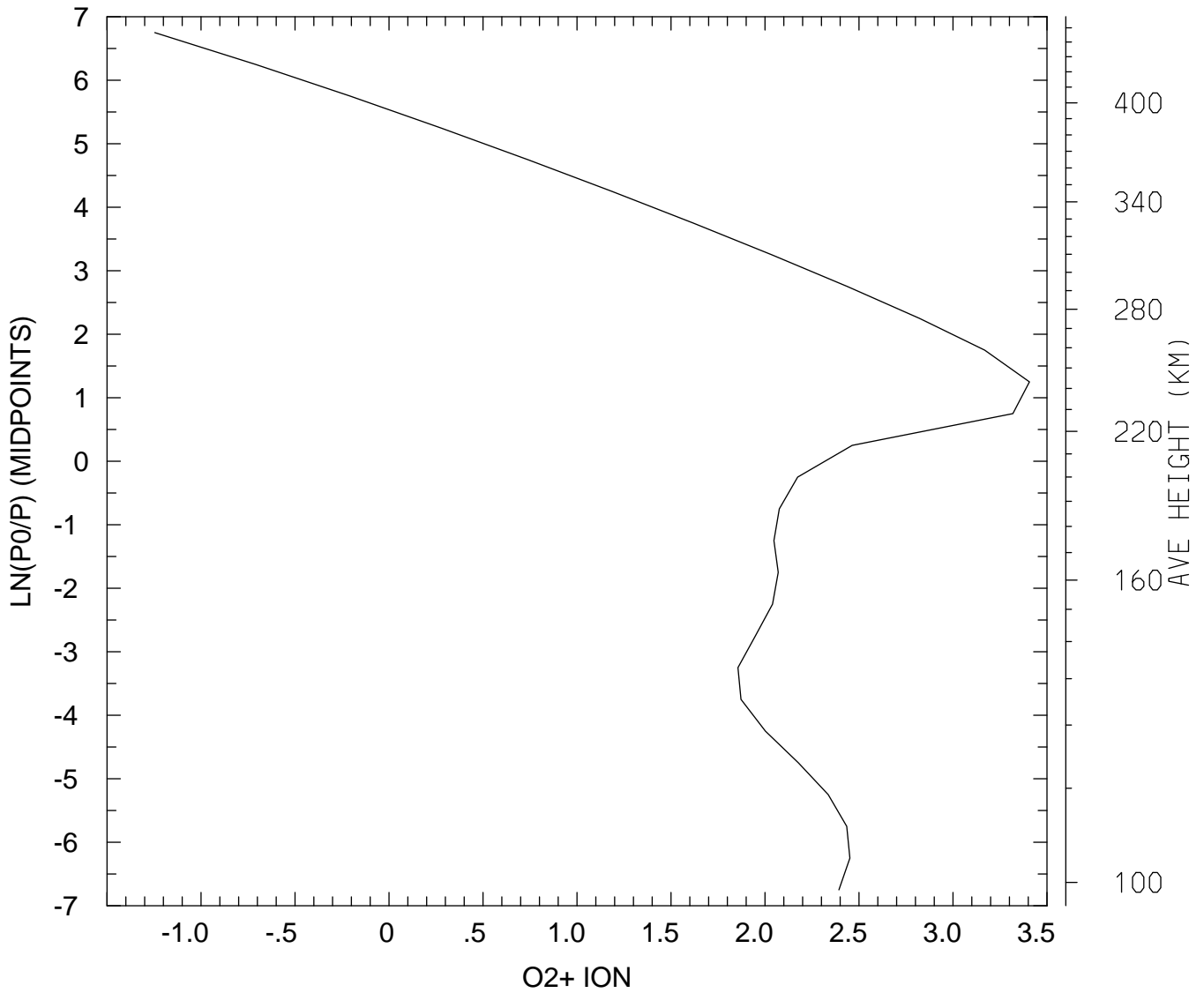
LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



MIN,MAX= 1.0441E-01 1.8110E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

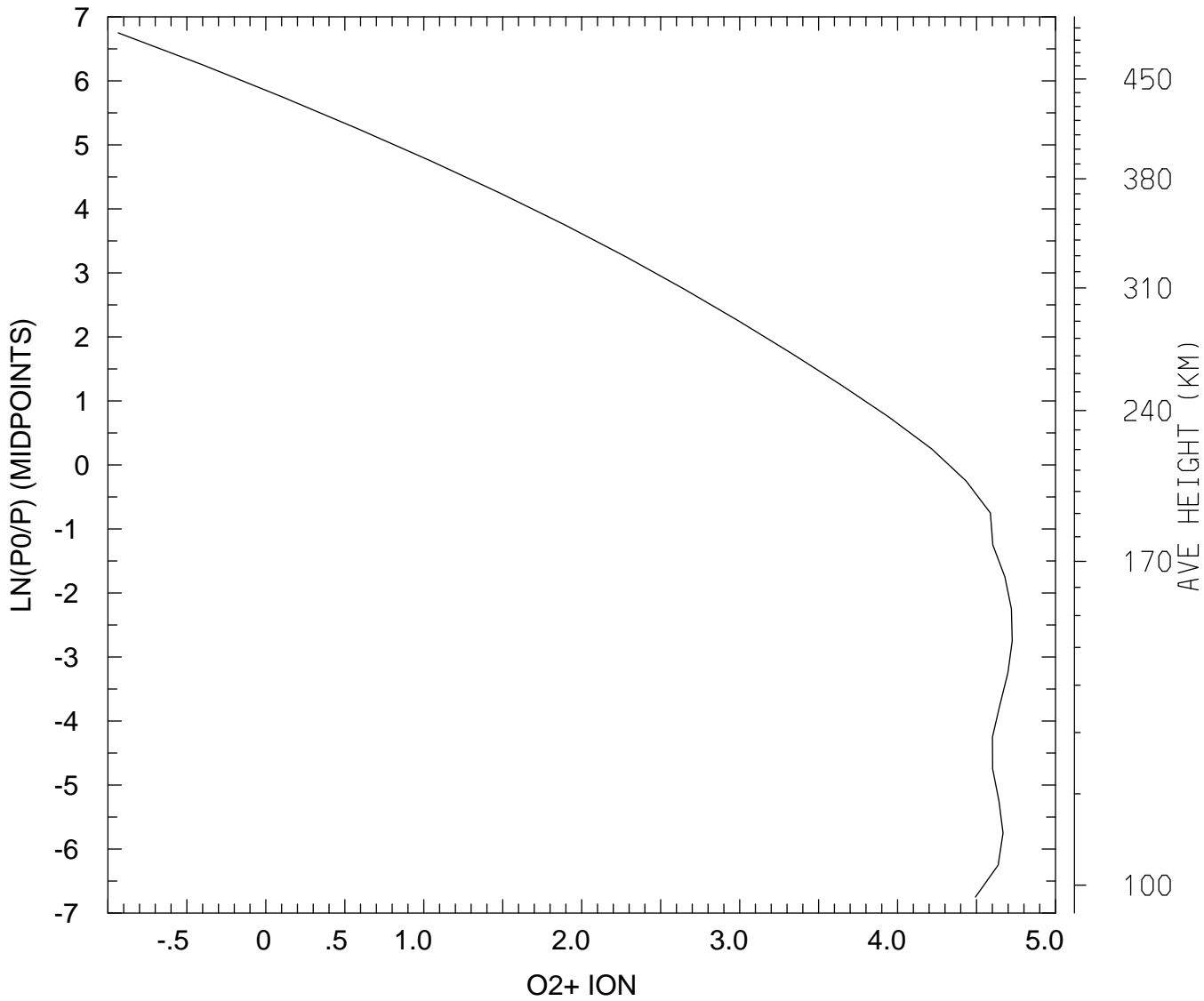


LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



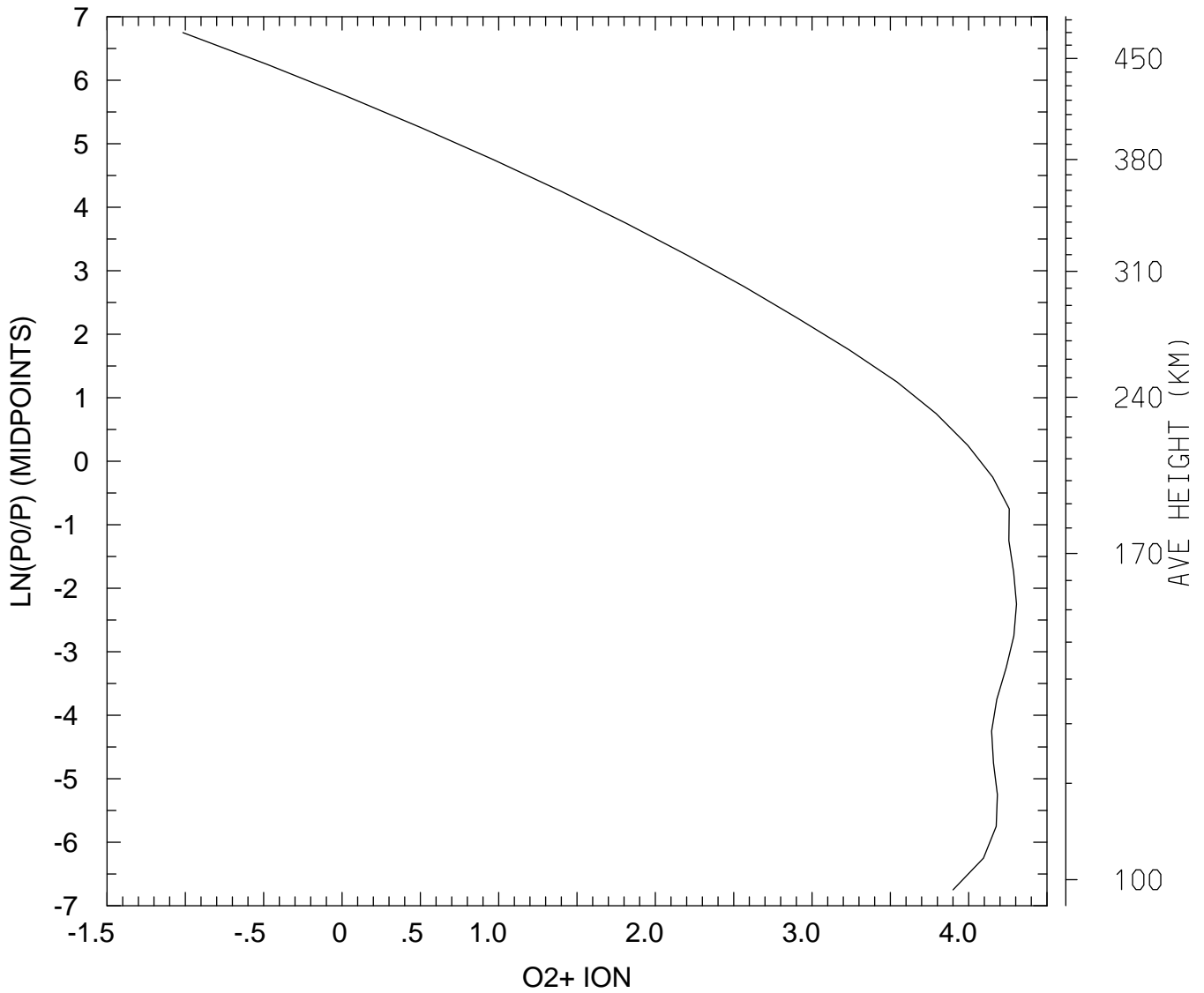
MIN,MAX= 5.6773E-02 2.5493E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



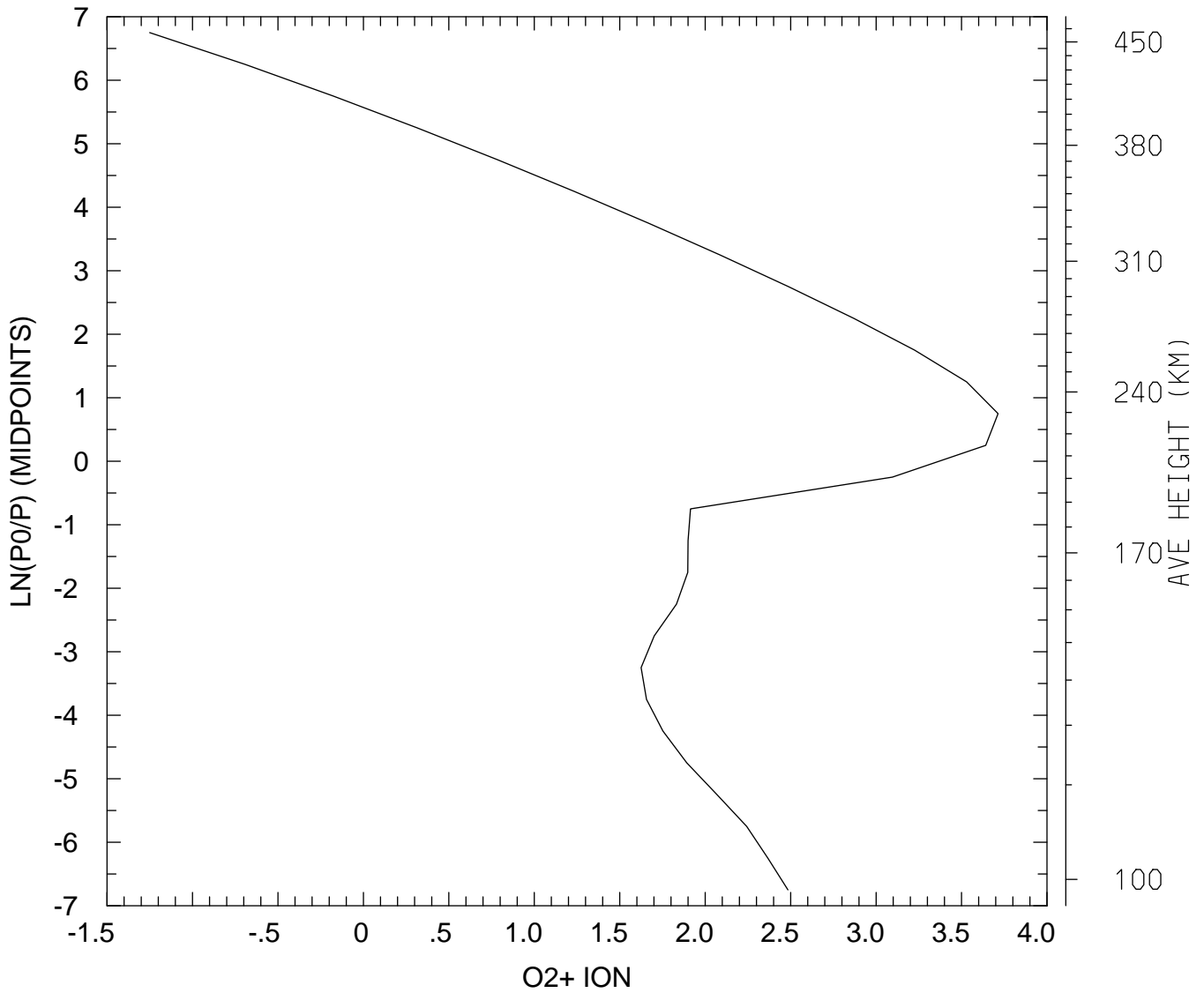
MIN,MAX= 1.1625E-01 5.3208E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



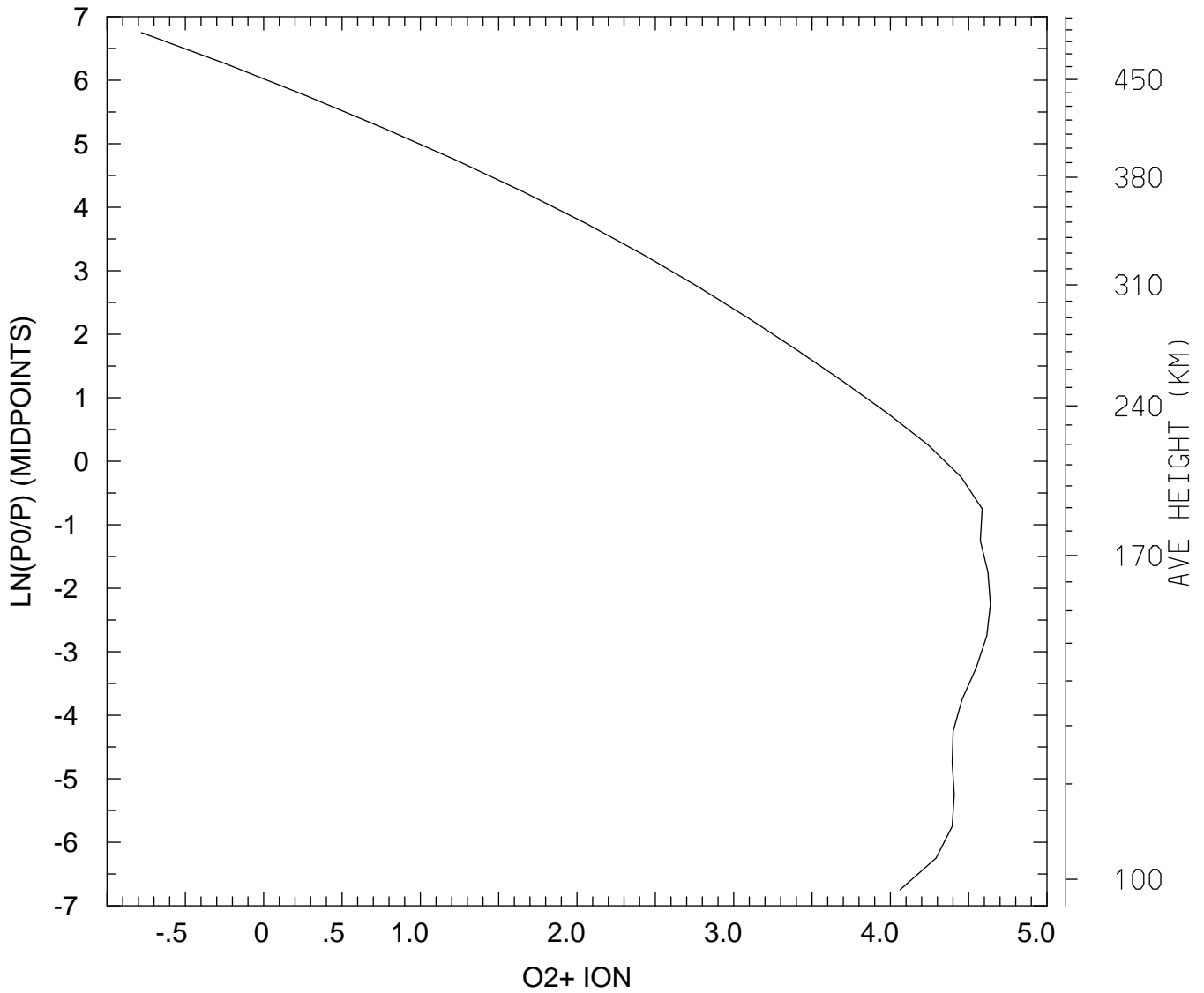
MIN,MAX= 9.6403E-02 2.0195E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



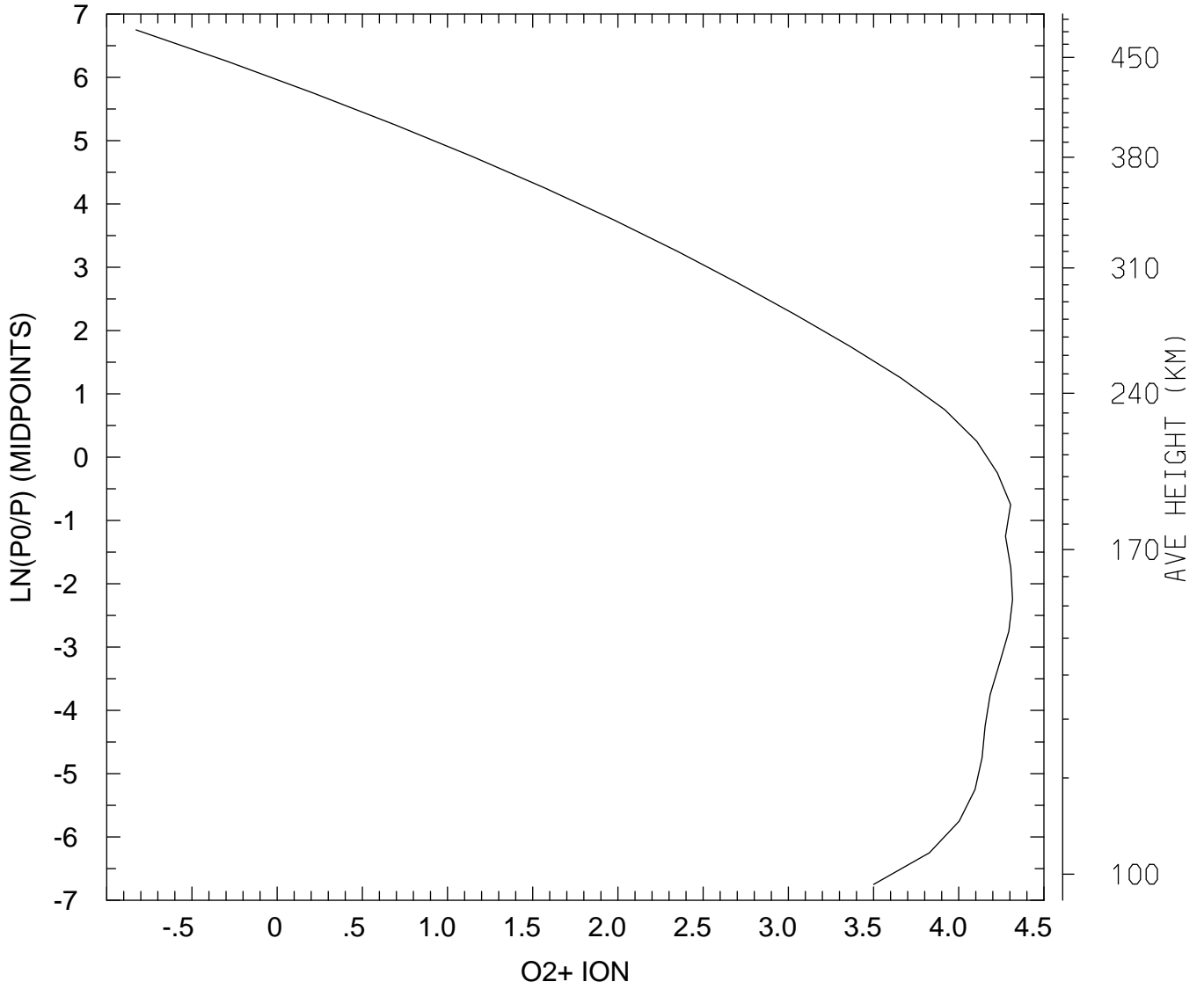
MIN,MAX= 5.6182E-02 5.1713E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



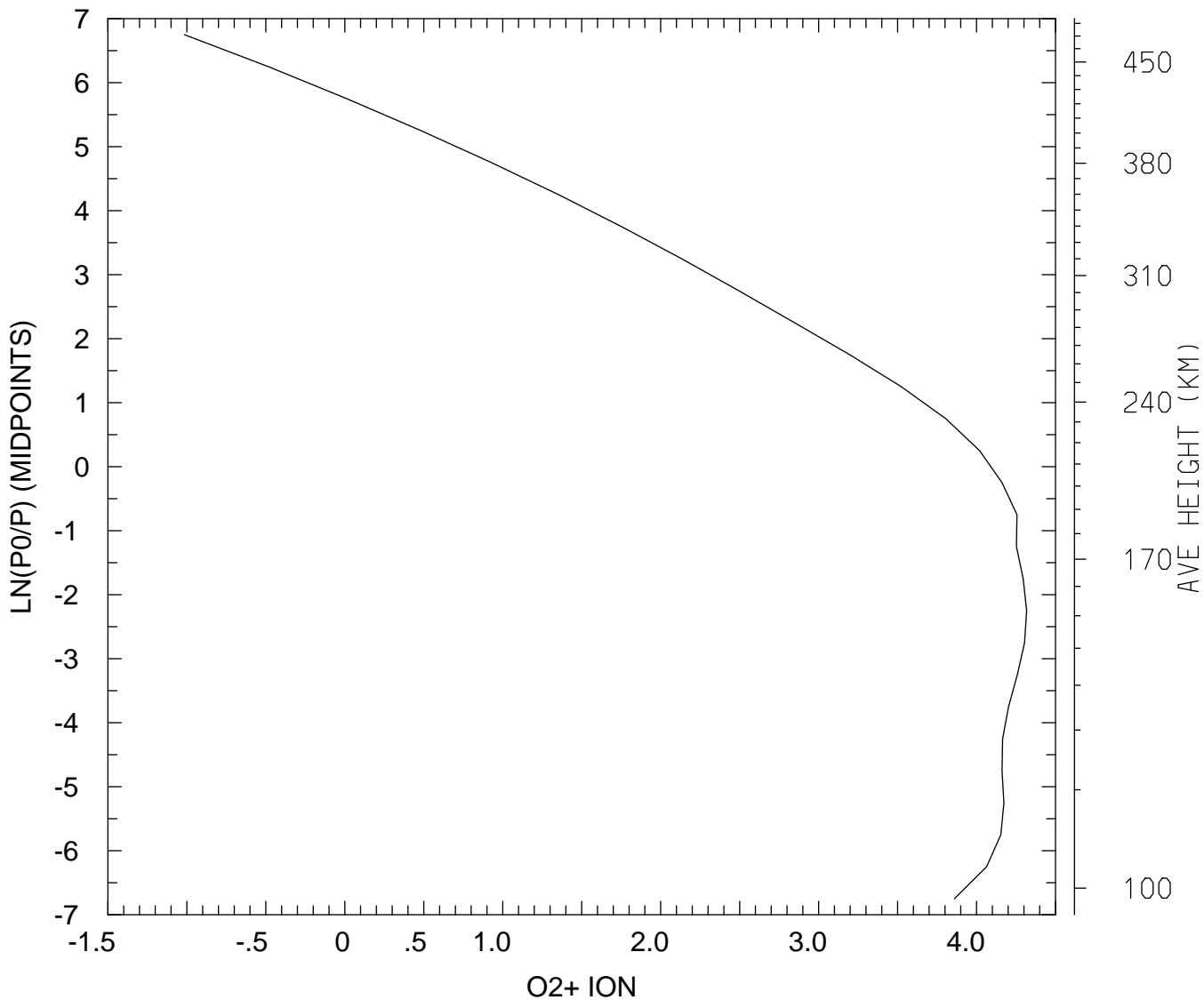
MIN,MAX= 1.6603E-01 4.3574E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



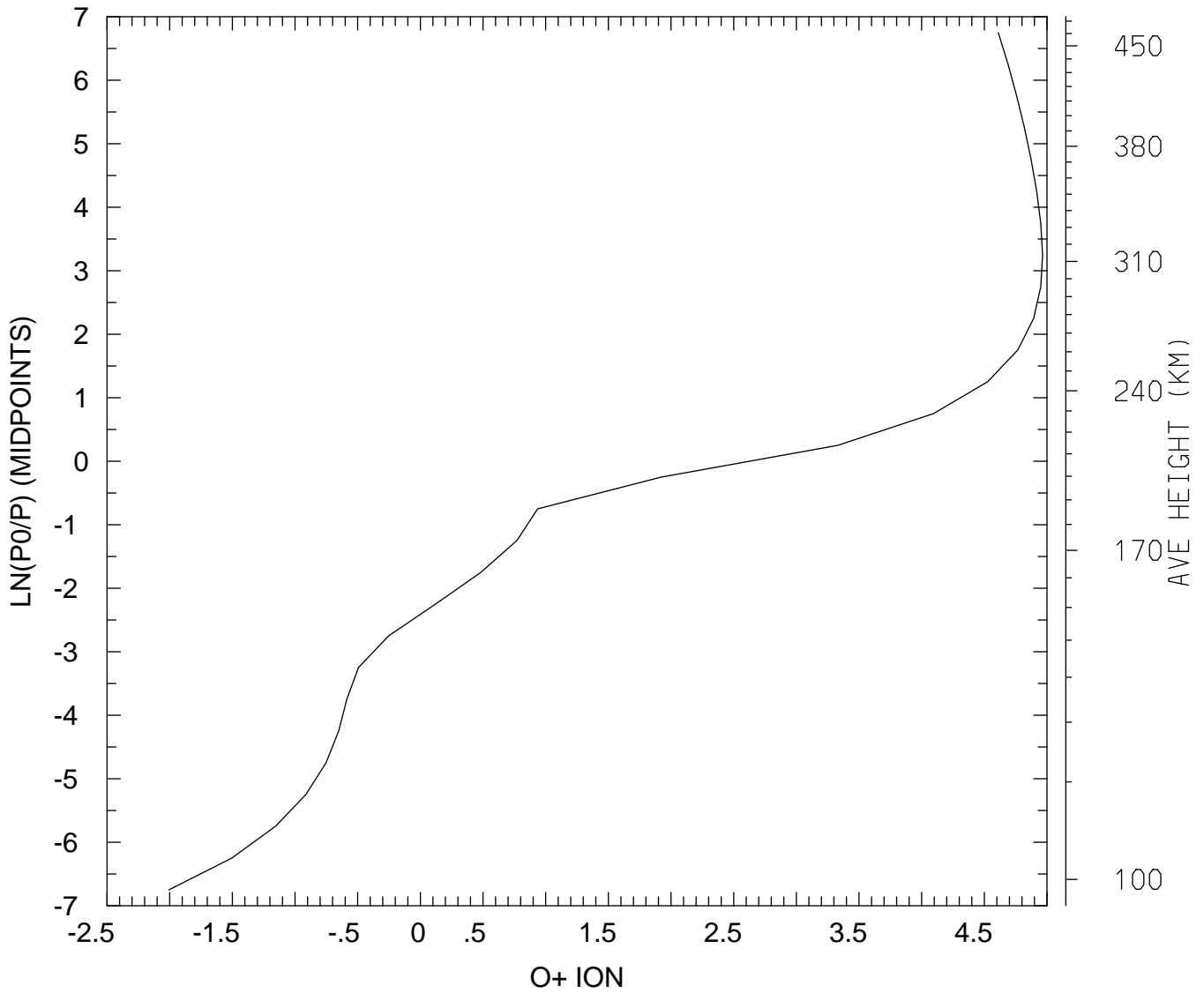
MIN,MAX= 1.4865E-01 2.0695E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 O2+ ION (CM3)  
UT= 0.00 GLOBAL MEANS



MIN,MAX= 9.6465E-02 2.0767E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

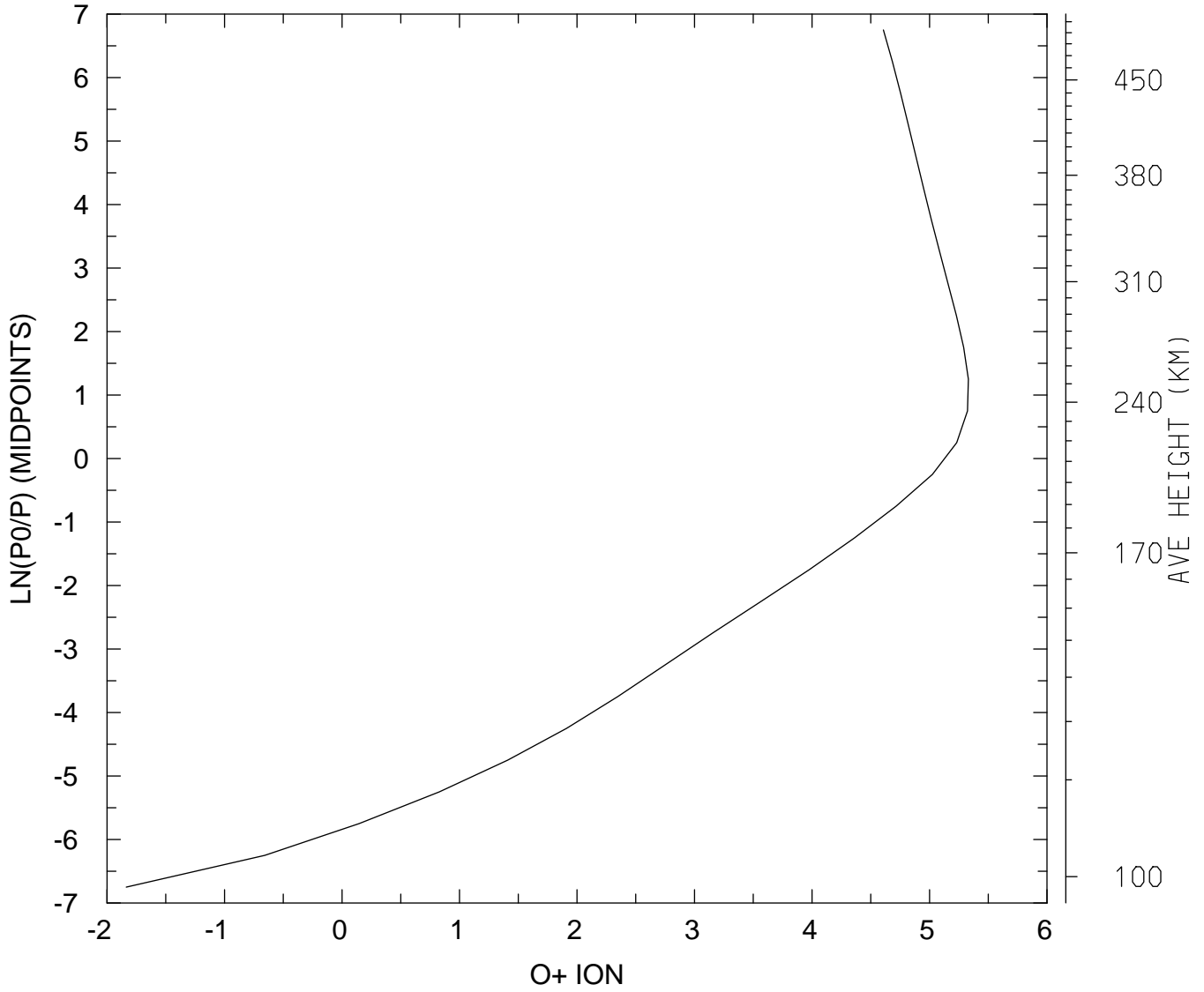
LOG10 O+ ION (CM3)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS)



MIN,MAX= 9.8487E-03 9.2090E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

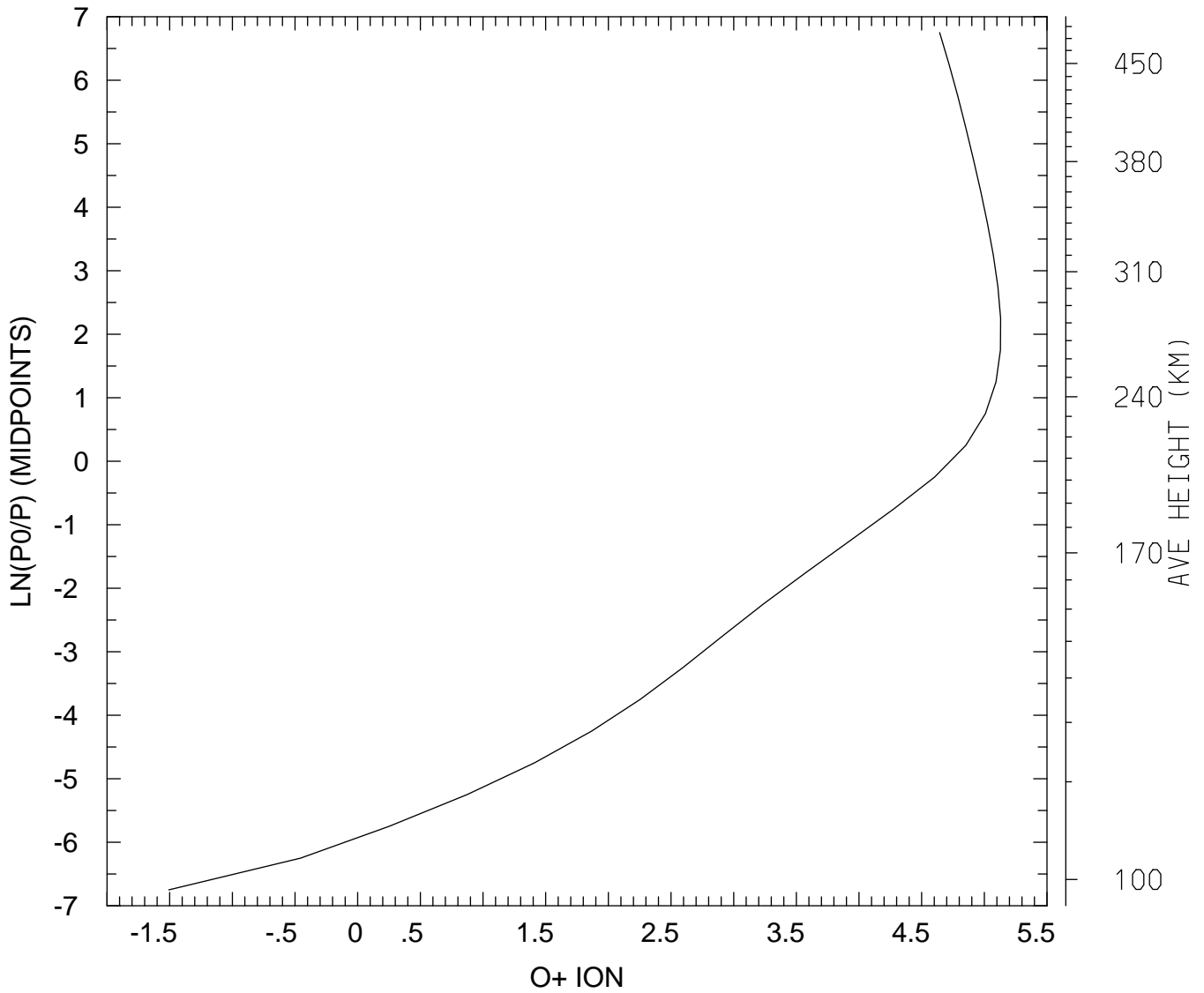


LOG10 O+ ION (CM3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



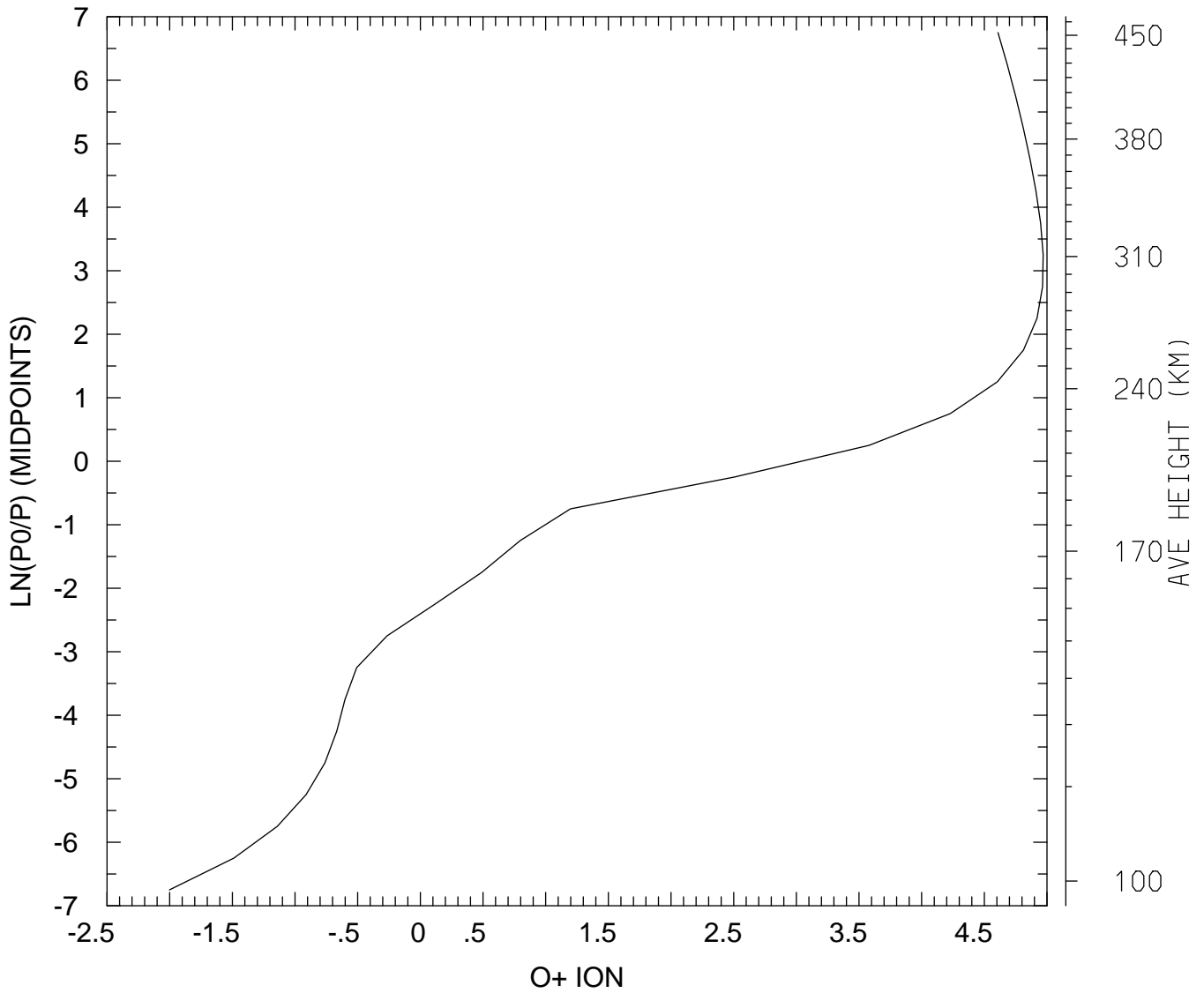
MIN,MAX= 1.4567E-02 2.1421E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



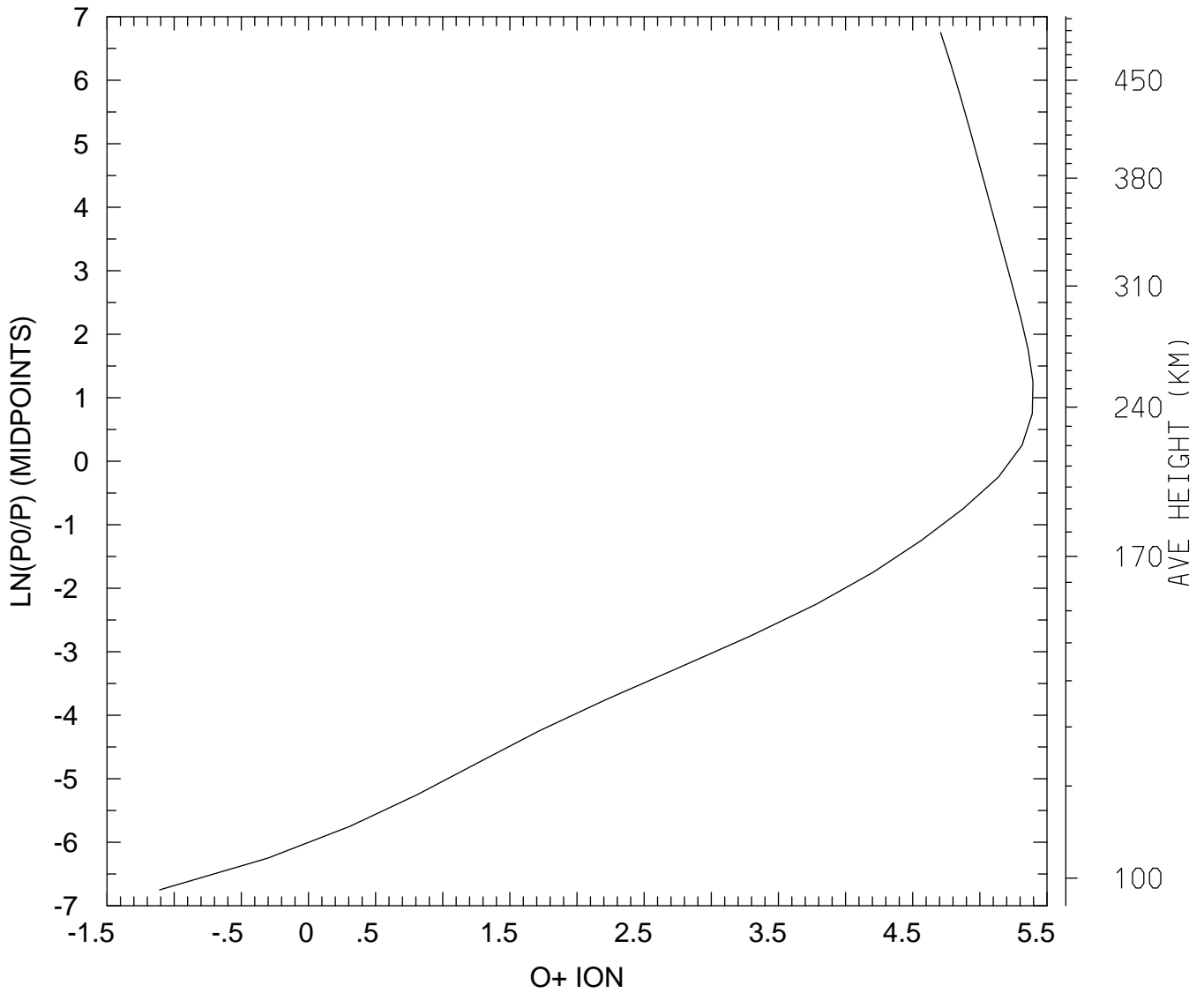
MIN,MAX= 3.1107E-02 1.3488E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



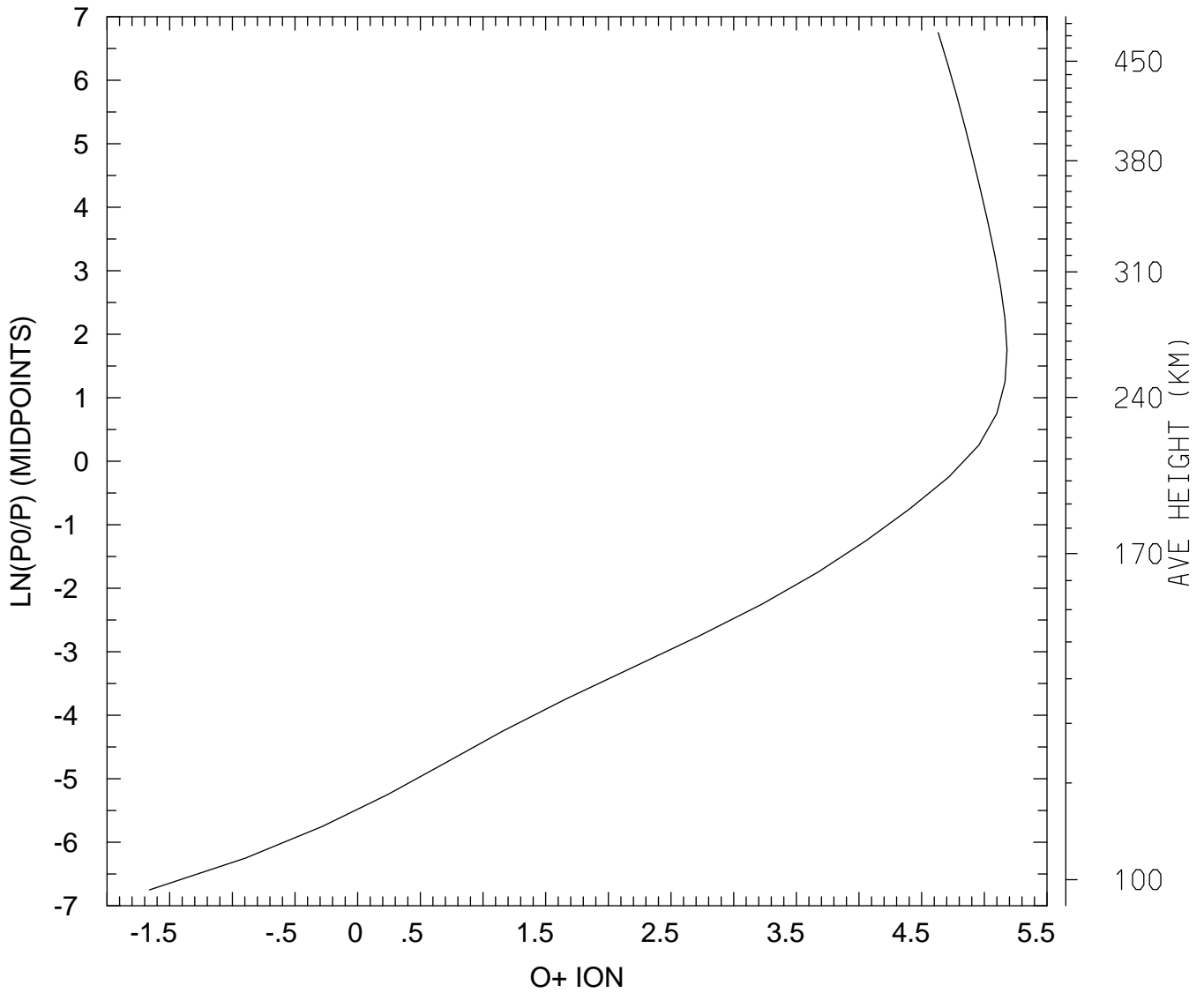
MIN,MAX= 9.9624E-03 9.3178E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 O+ ION (CM3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



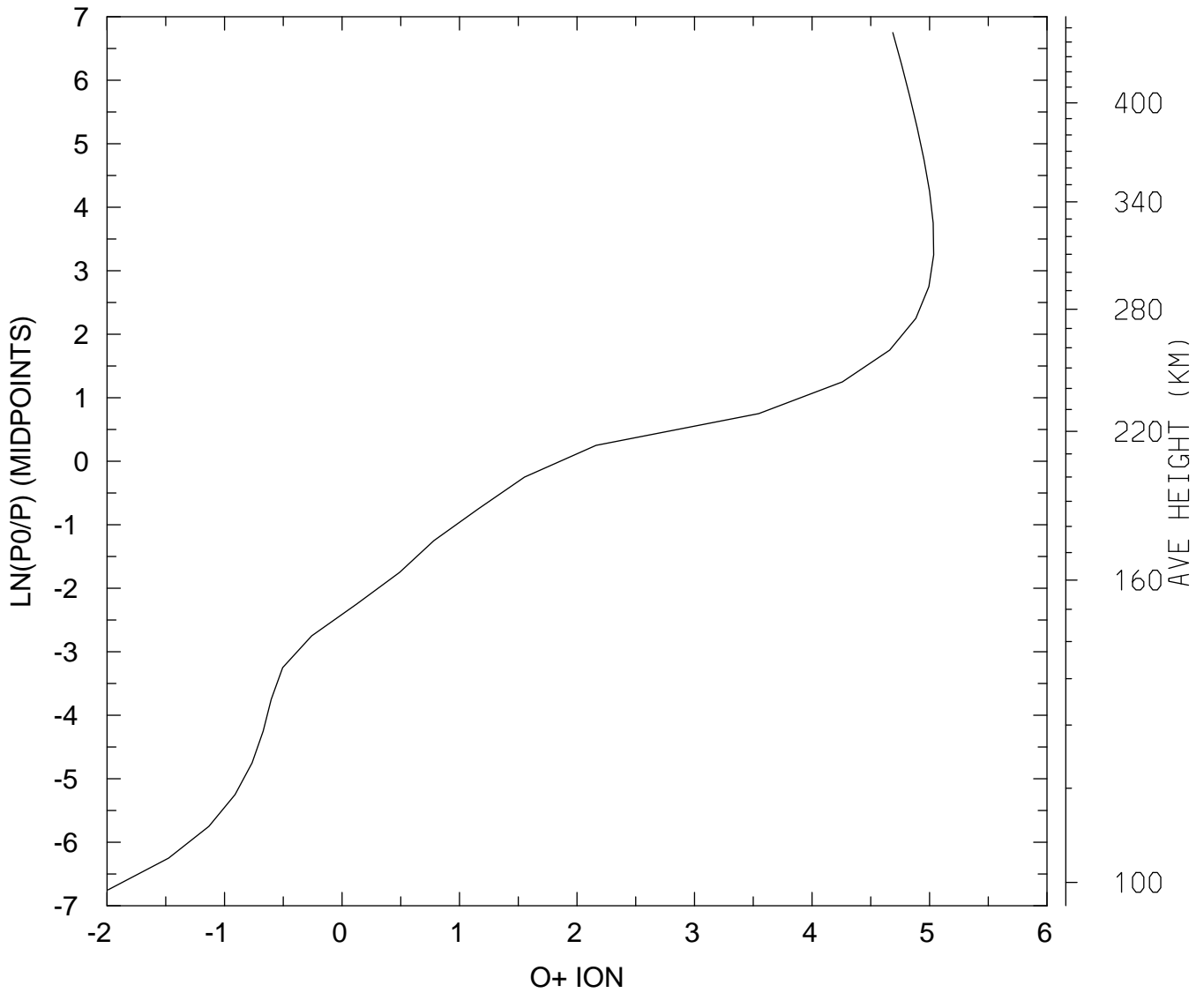
MIN,MAX= 7.7910E-02 2.4843E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



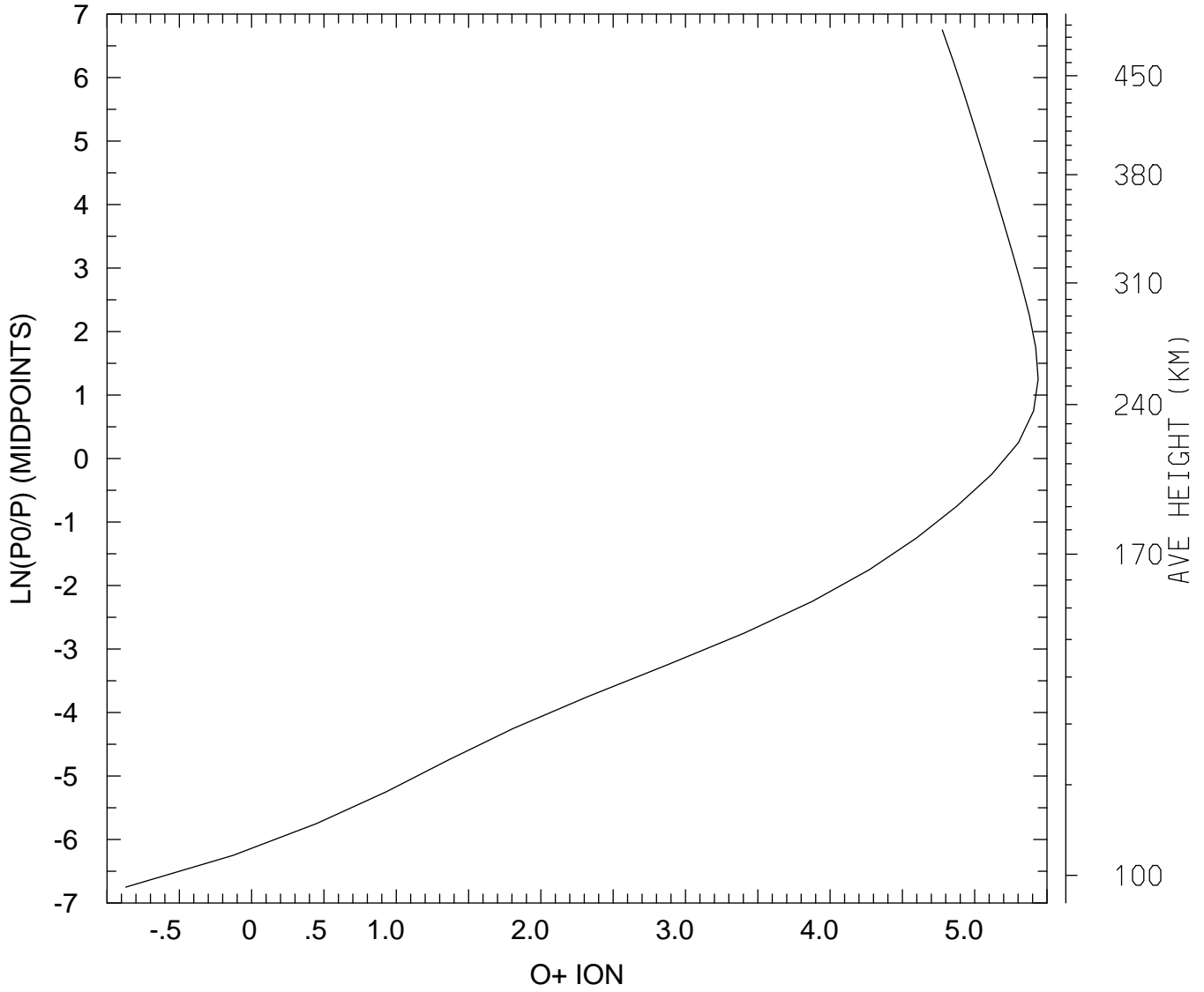
MIN,MAX= 2.1793E-02 1.5144E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



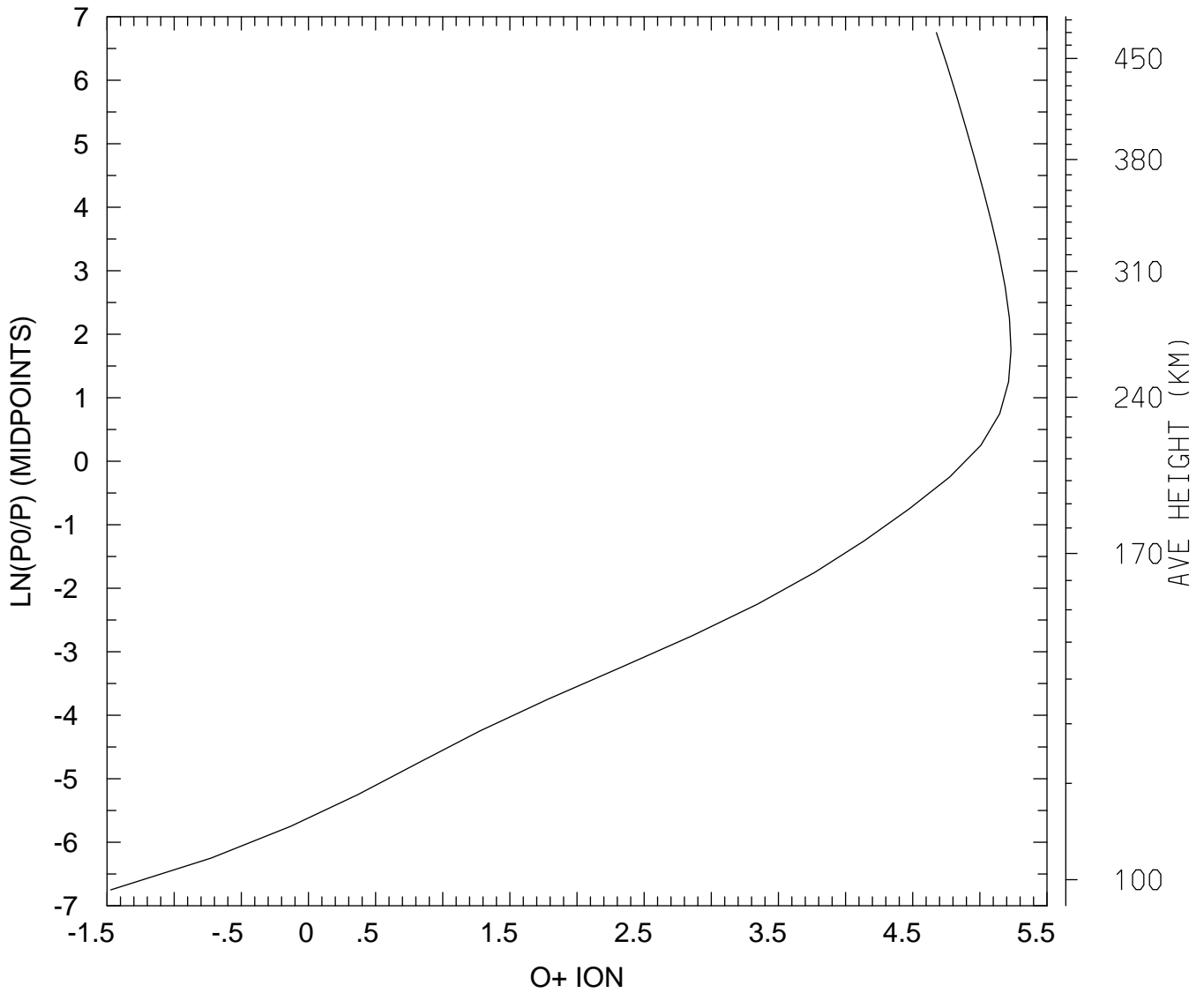
MIN,MAX= 1.0190E-02 1.0839E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 O+ ION (CM3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



MIN,MAX= 1.3474E-01 2.7472E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

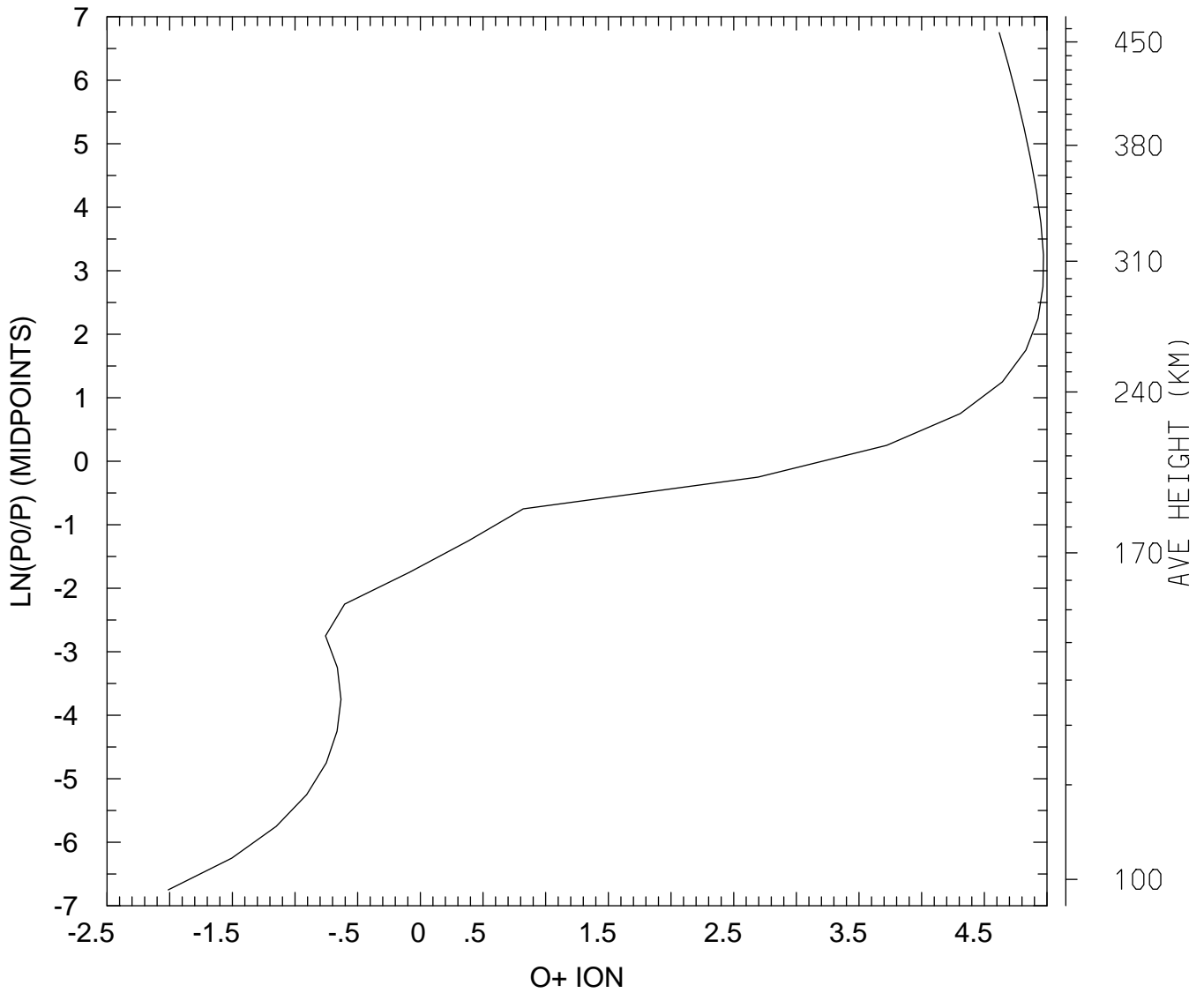
LOG10 O+ ION (CM3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



MIN,MAX= 3.3688E-02 1.7055E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

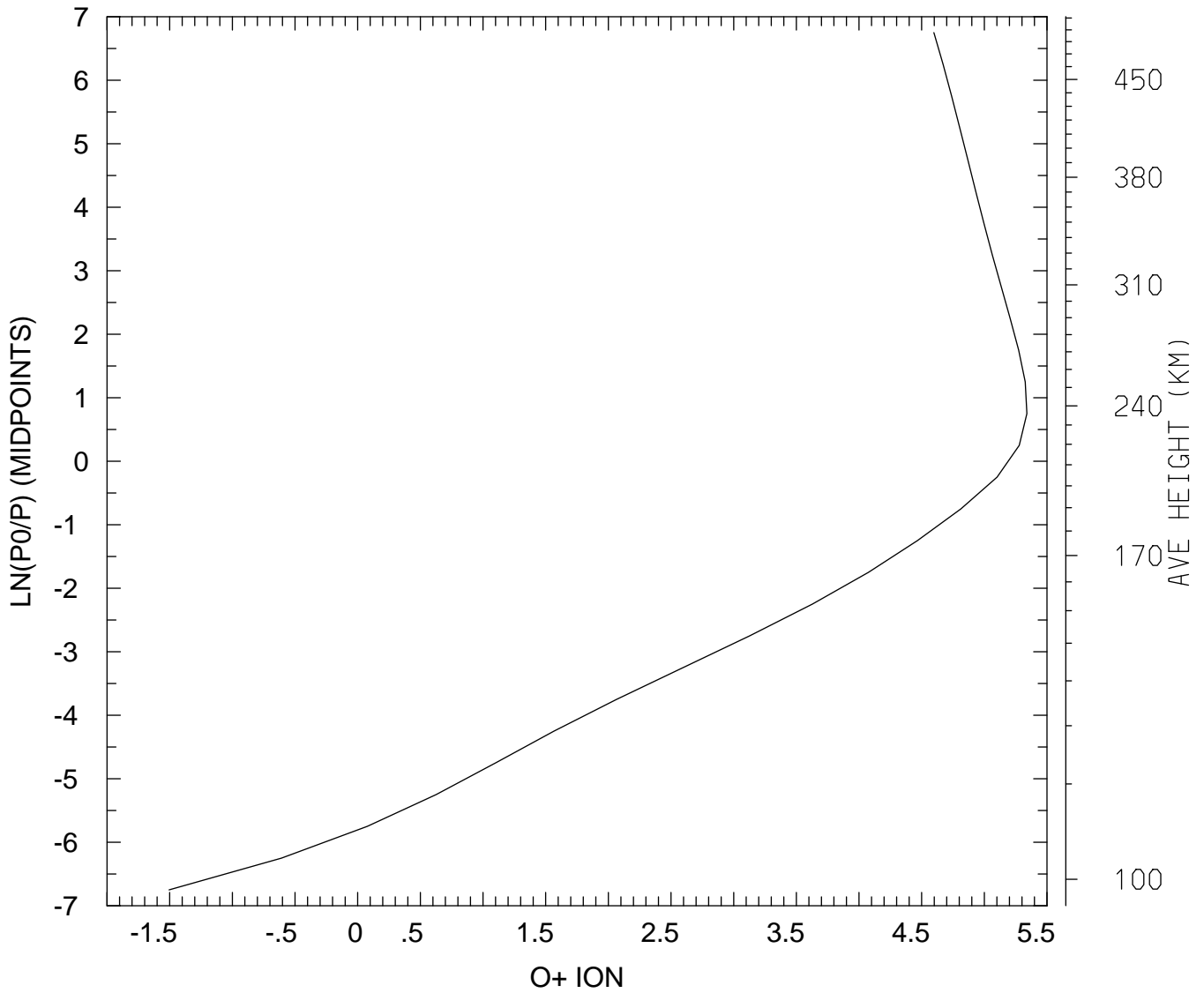


LOG10 O+ ION (CM3)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS)



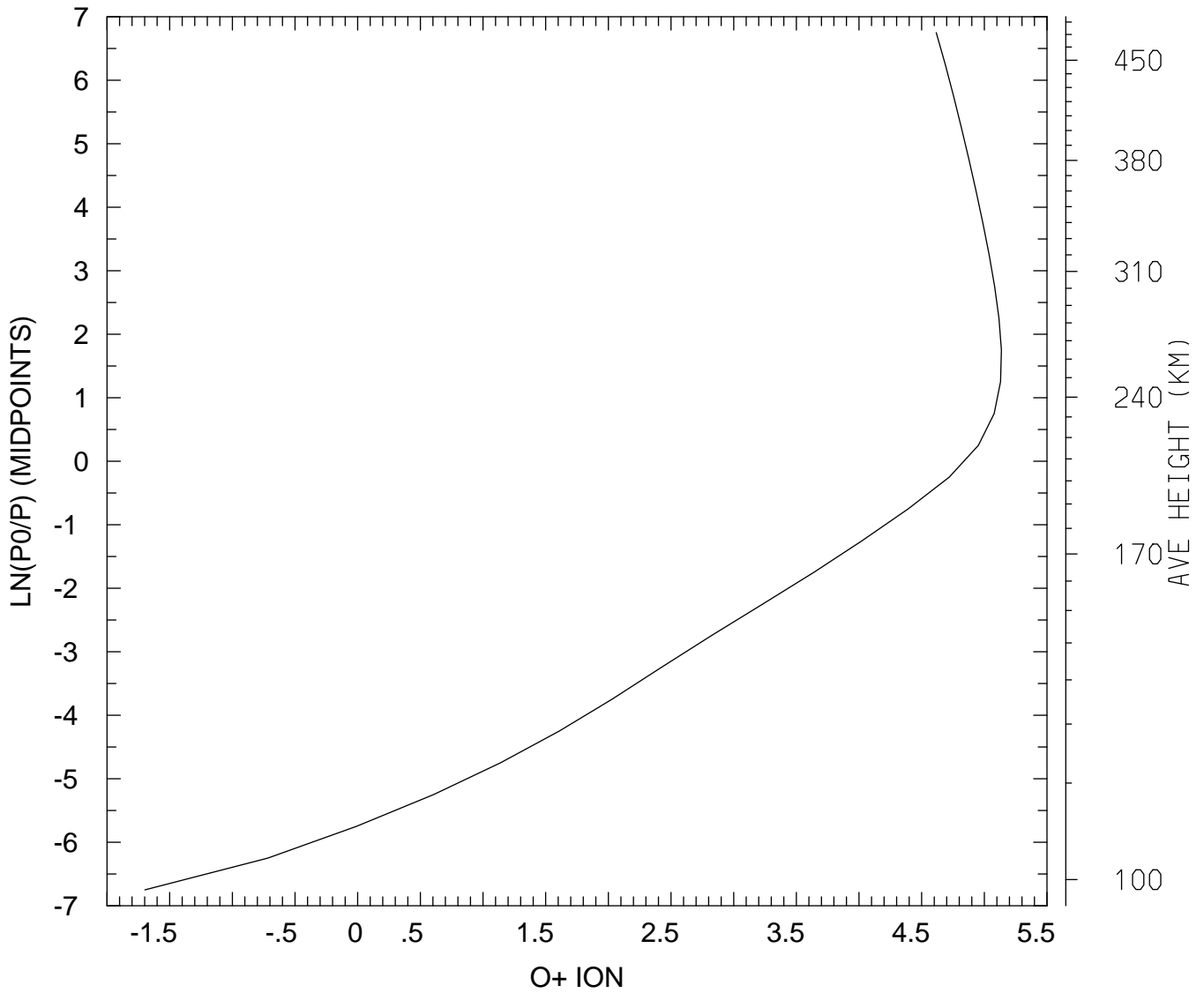
MIN,MAX= 9.7283E-03 9.3620E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 O+ ION (CM3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



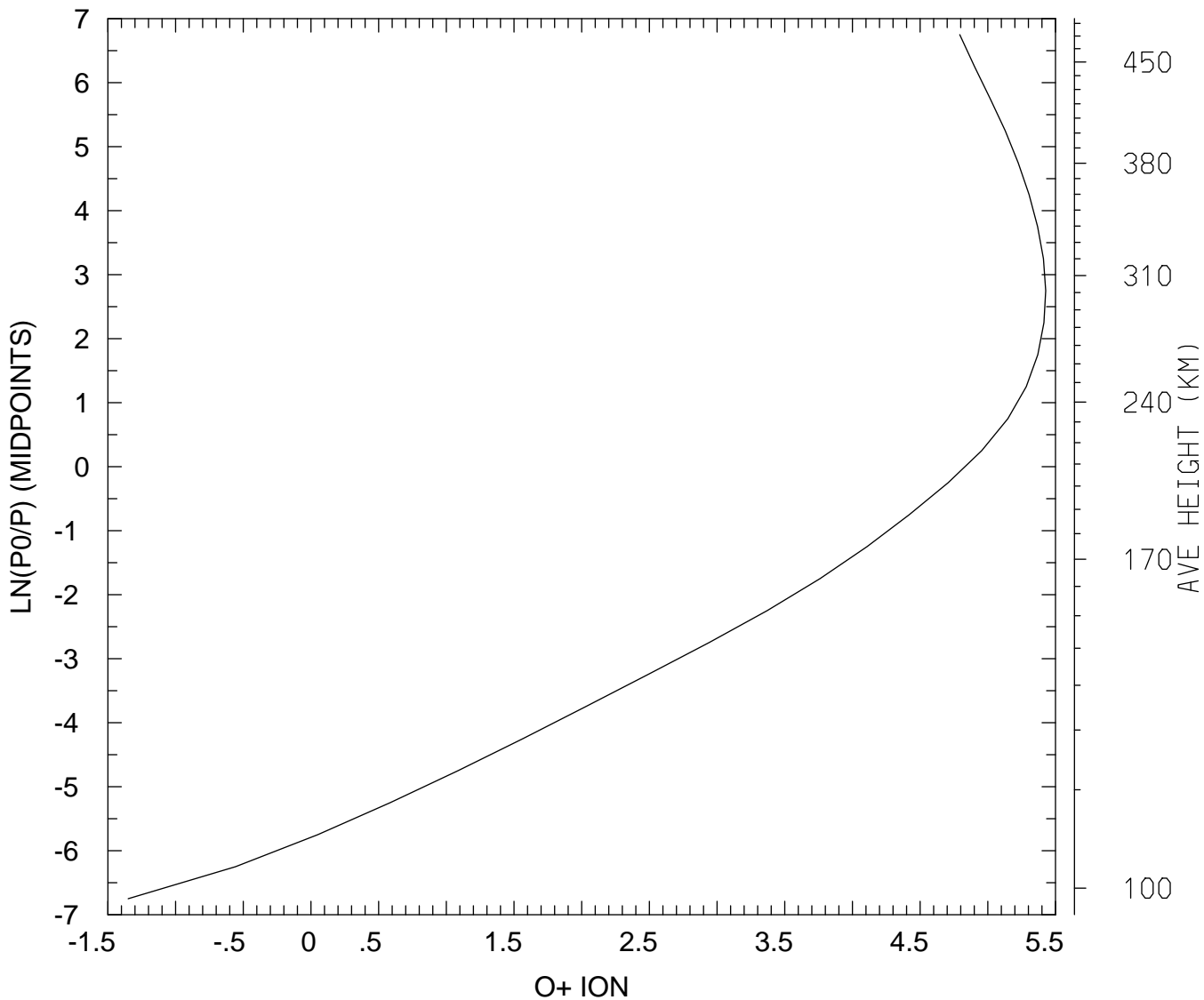
MIN,MAX= 3.1260E-02 2.1863E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



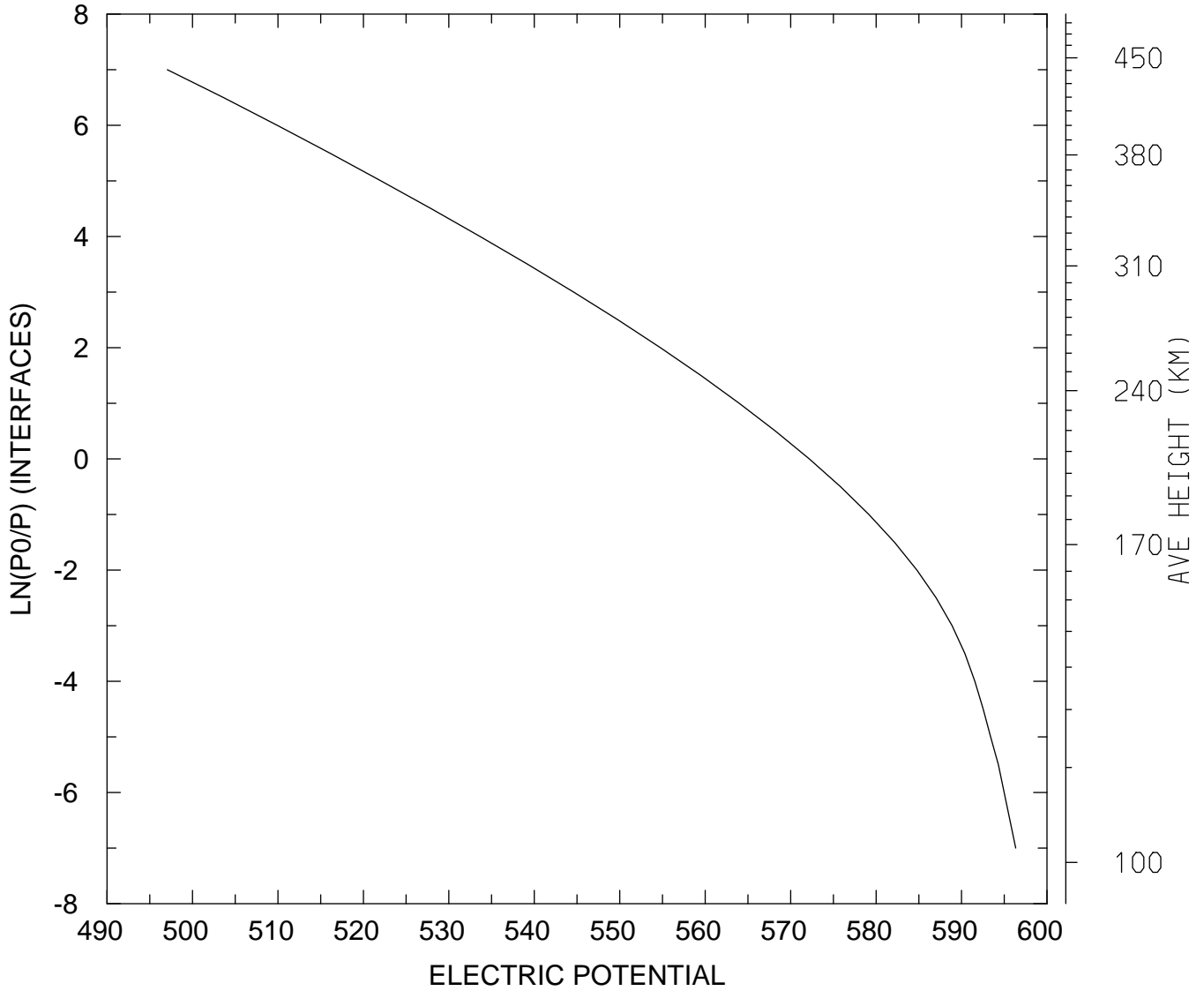
MIN,MAX= 2.0062E-02 1.3682E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

LOG10 O+ ION (CM3)  
UT= 0.00 GLOBAL MEANS



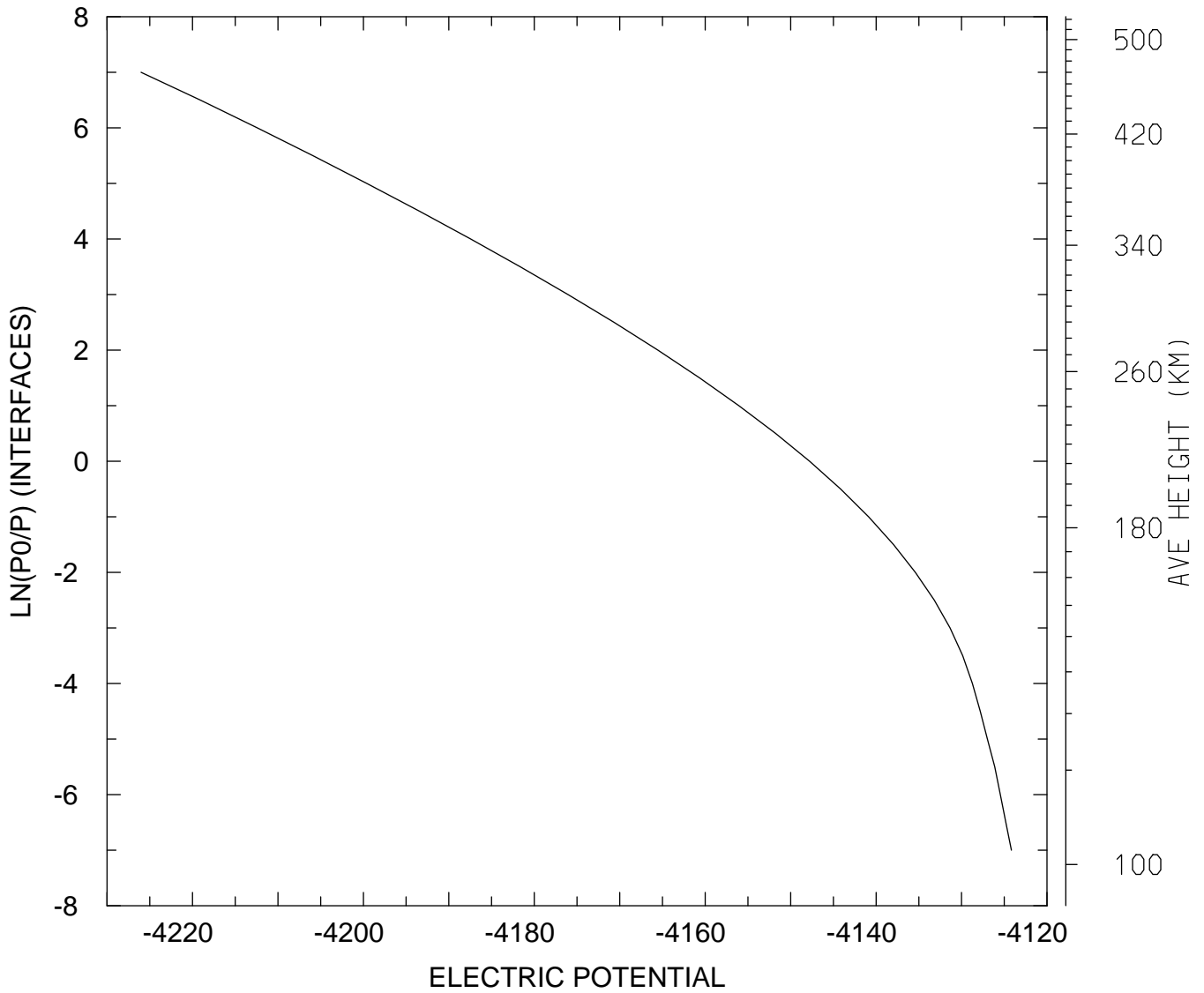
MIN,MAX= 4.4612E-02 2.6779E+05  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



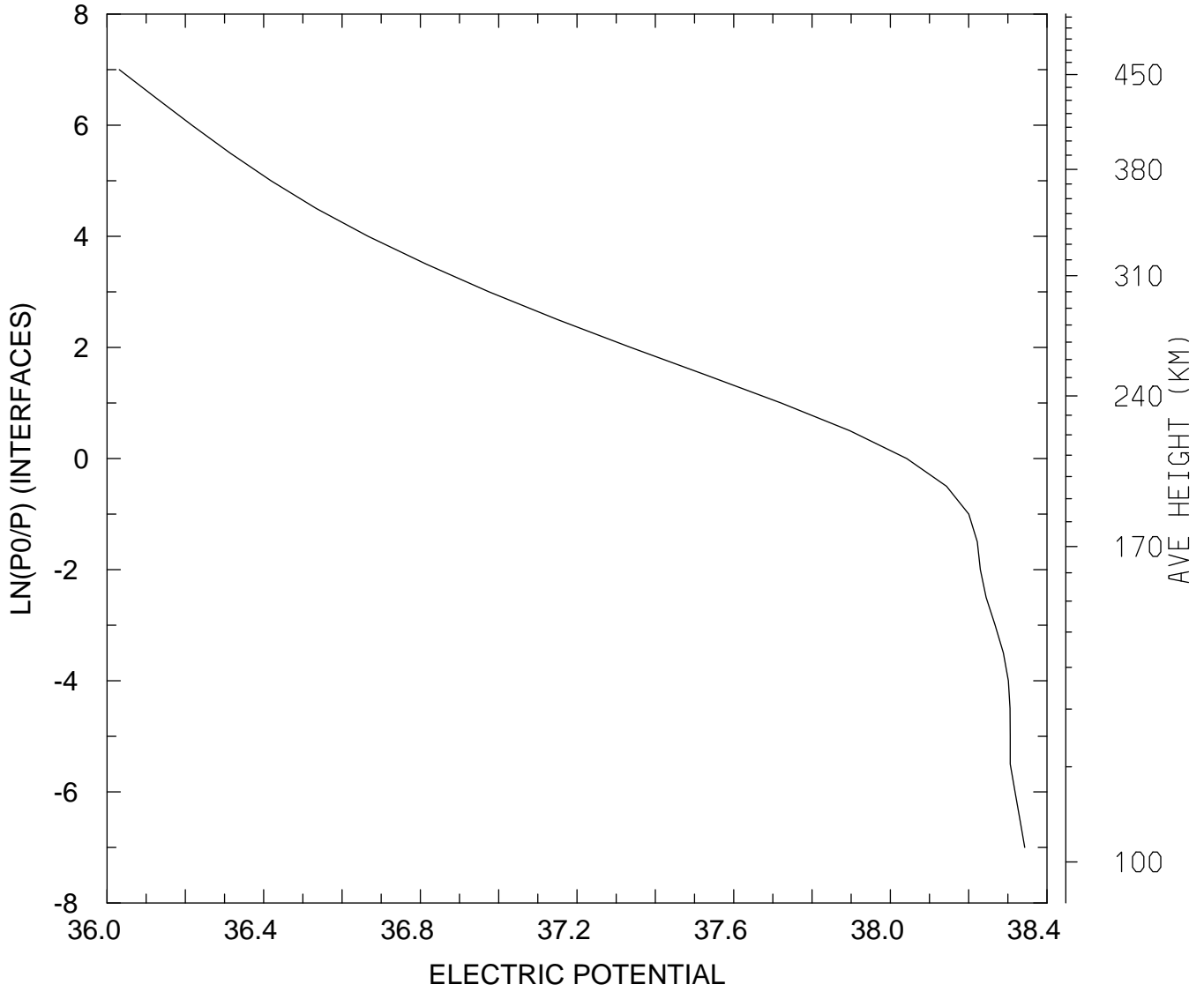
MIN,MAX= 4.9706E+02 5.9633E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



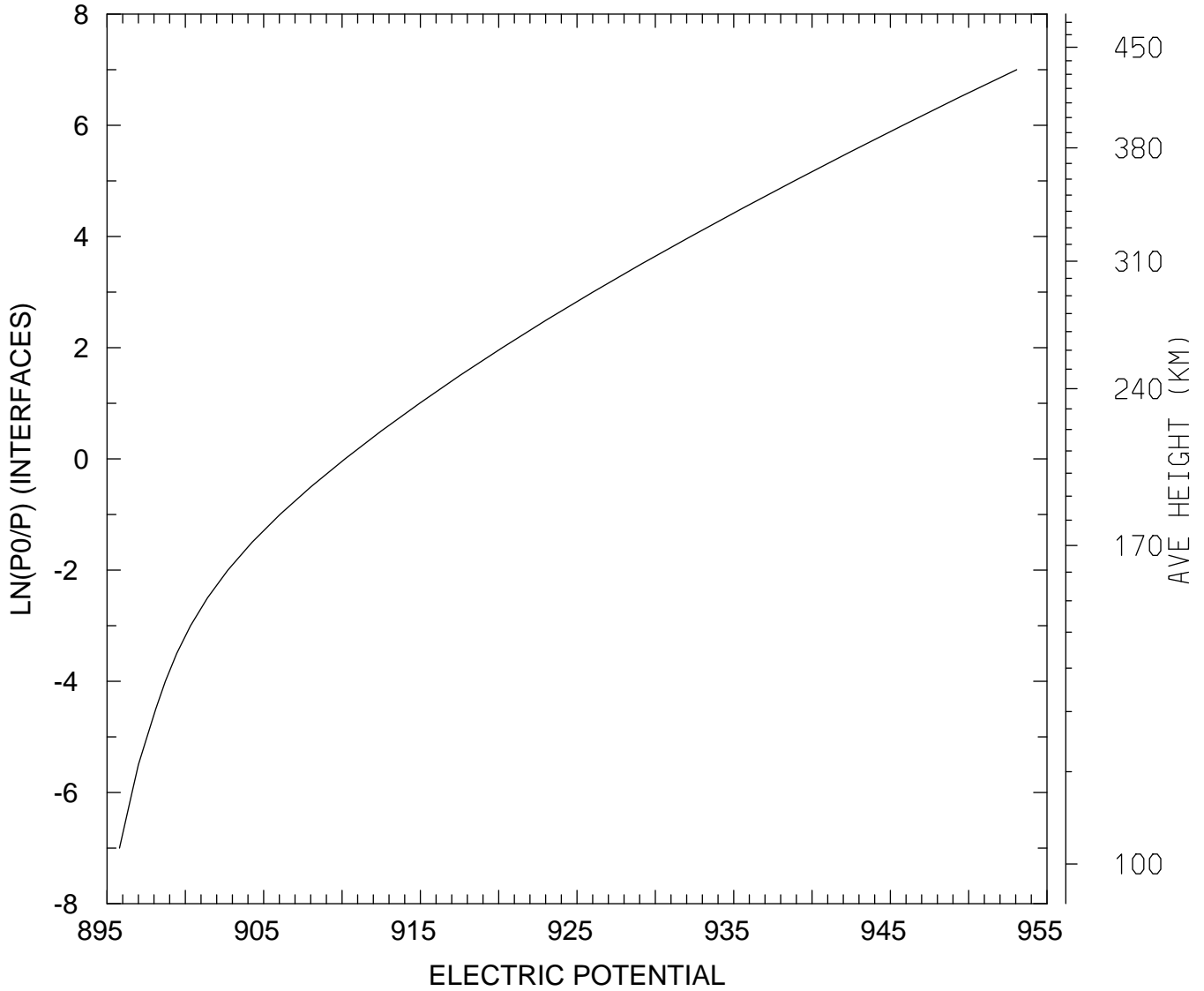
MIN,MAX= -4.2260E+03 -4.1242E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



MIN,MAX= 3.6031E+01 3.8343E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

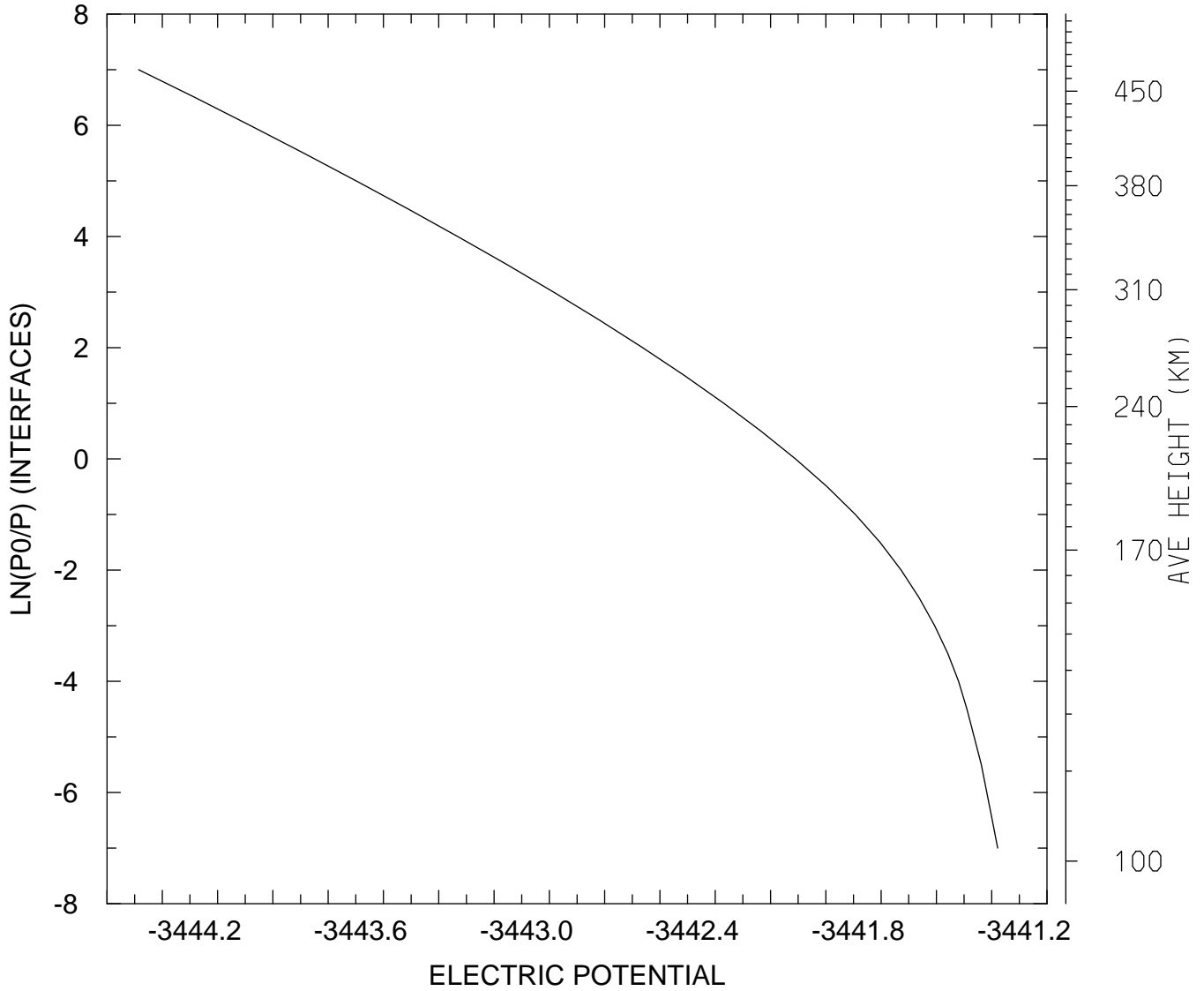
ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



MIN,MAX= 8.9579E+02 9.5306E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

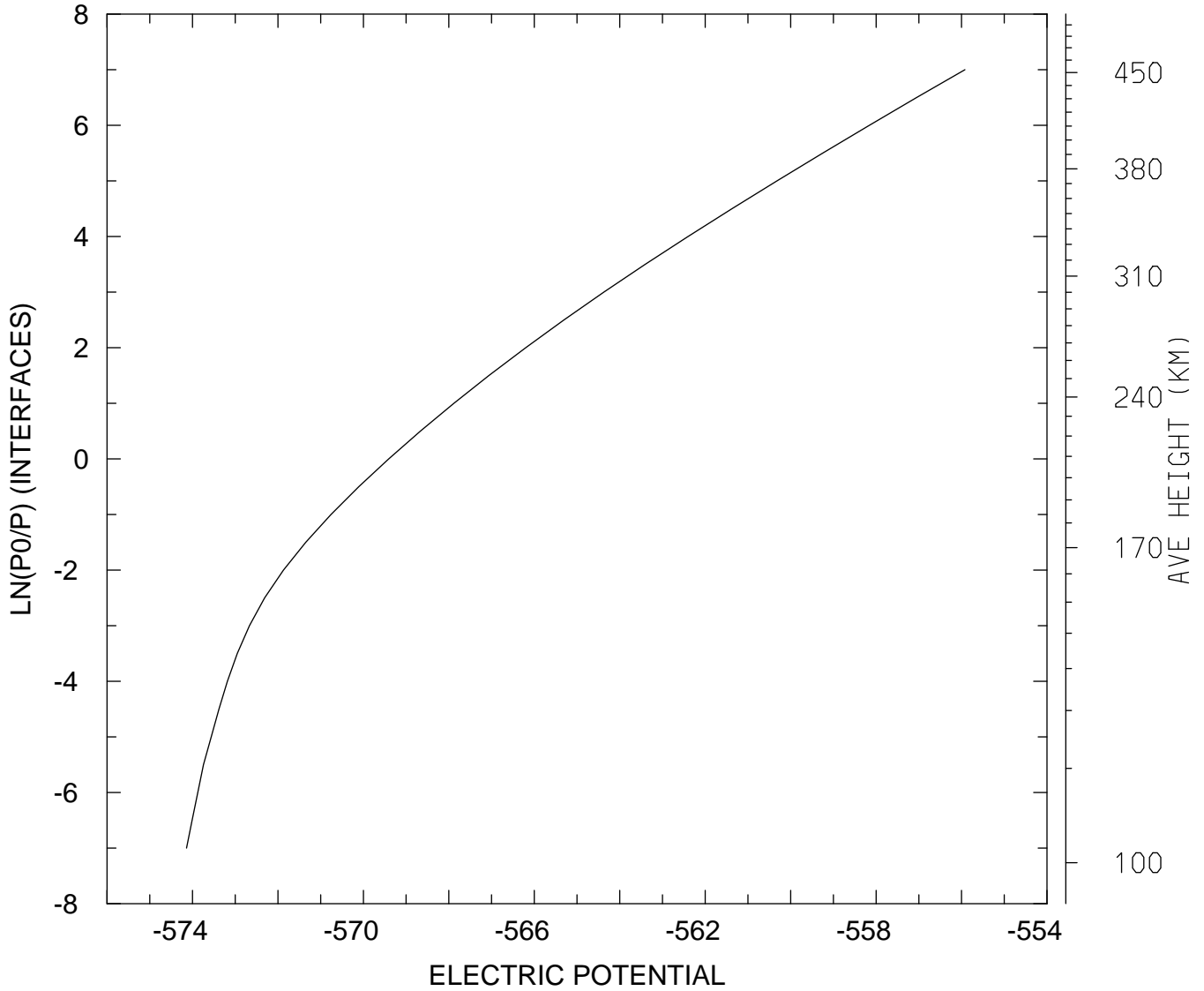


ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



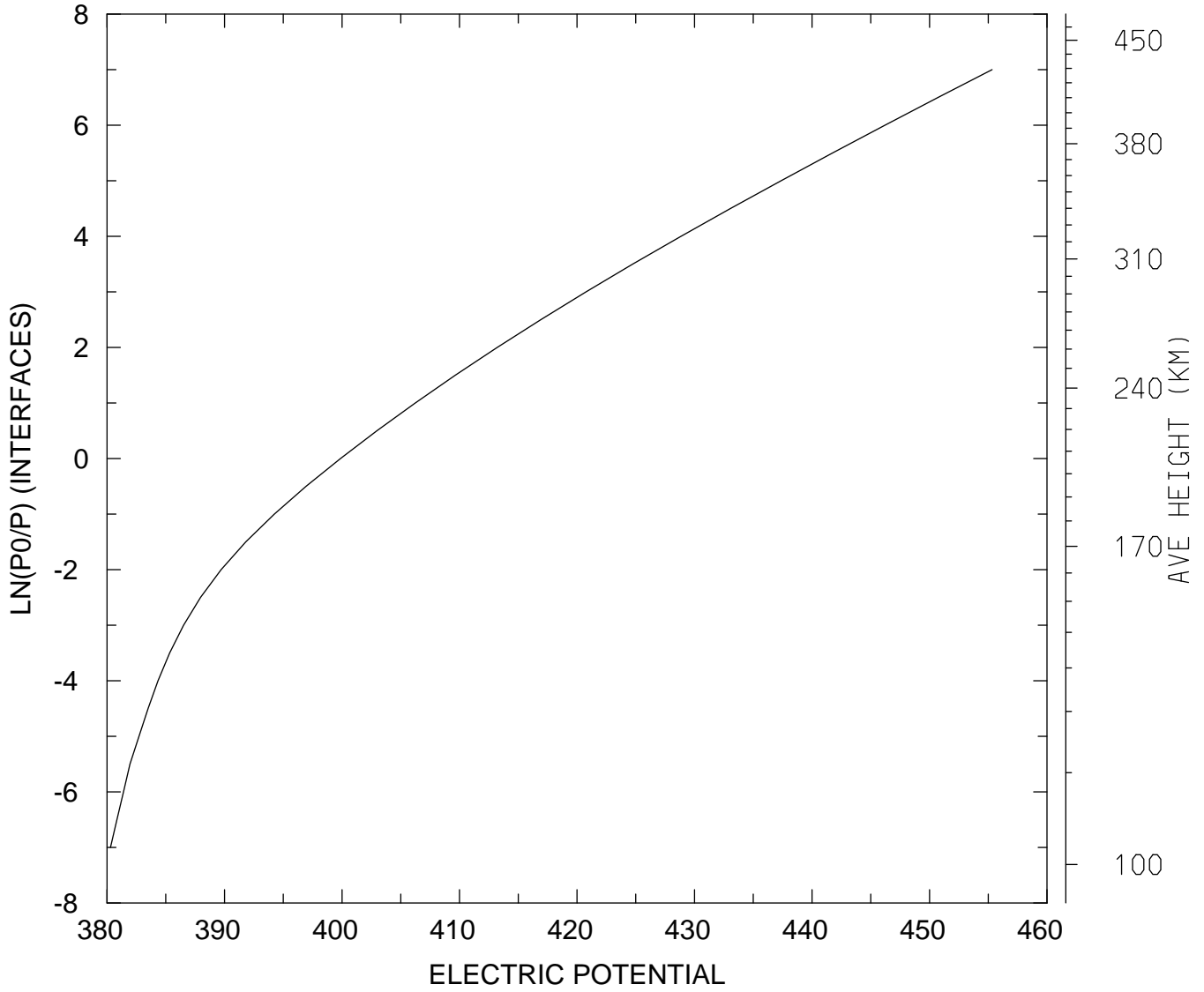
MIN,MAX= -3.4445E+03 -3.4414E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



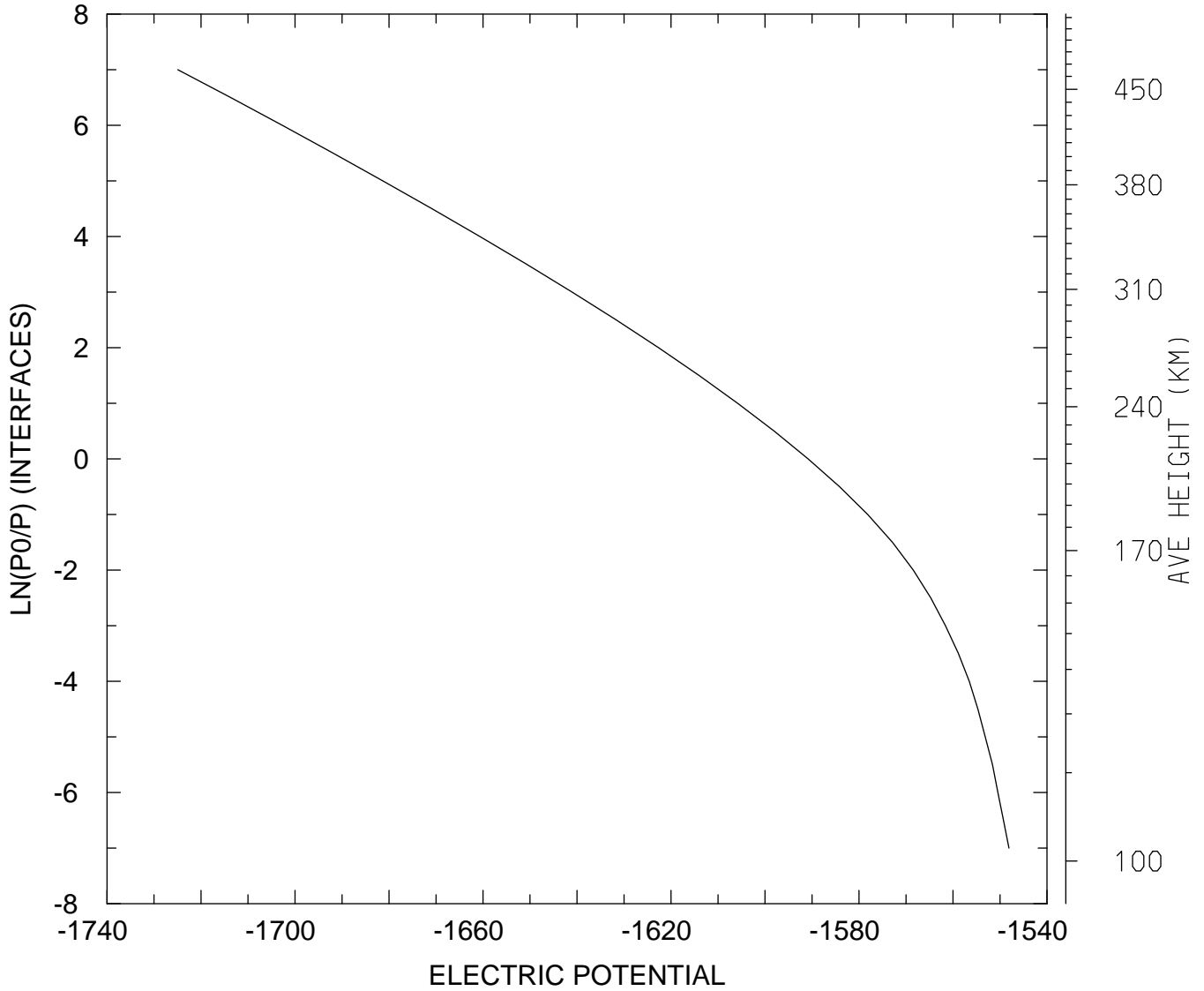
MIN,MAX= -5.7414E+02 -5.5592E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



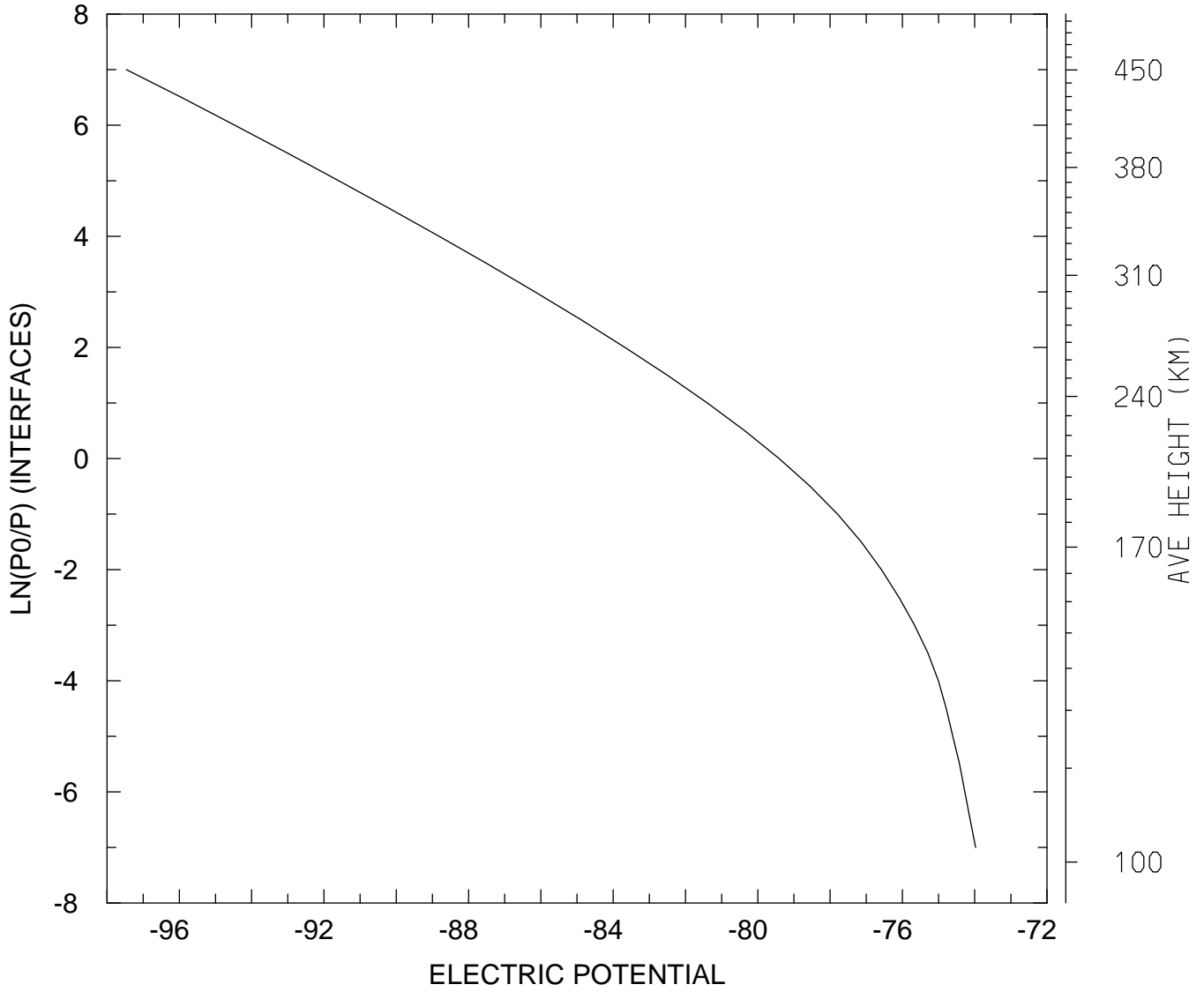
MIN,MAX= 3.8029E+02 4.5533E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



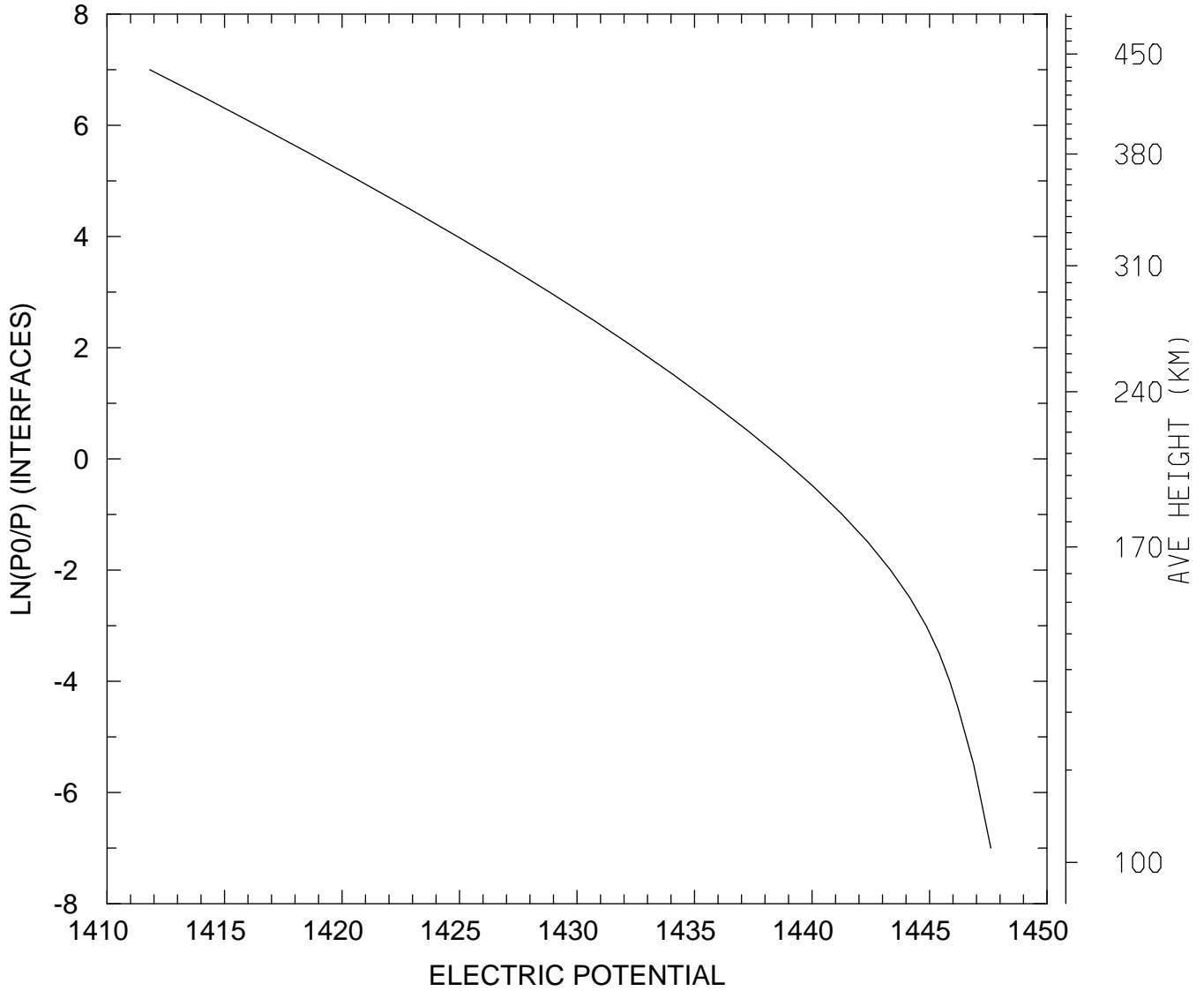
MIN,MAX= -1.7249E+03 -1.5481E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



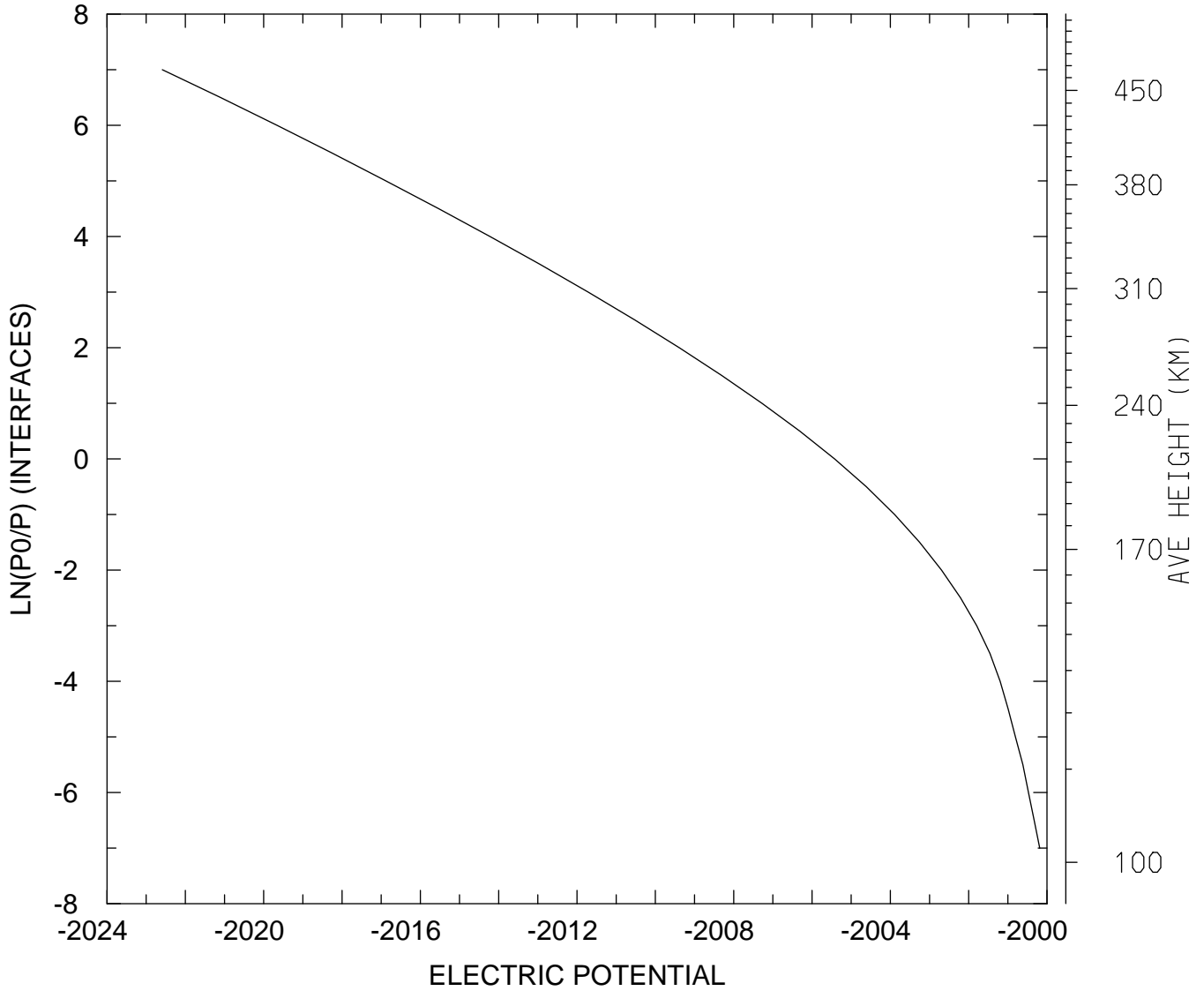
MIN,MAX= -9.7463E+01 -7.3973E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



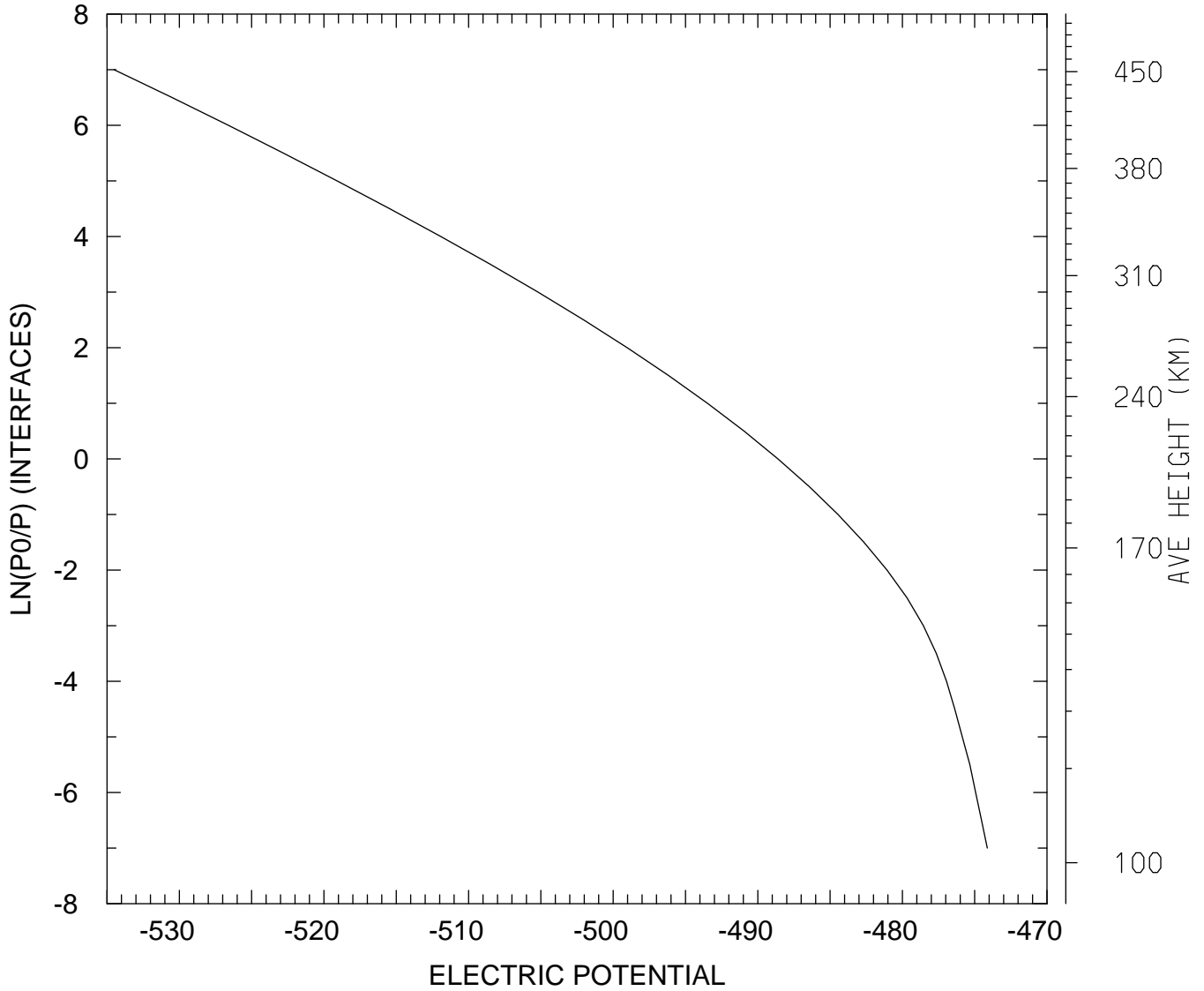
MIN,MAX= 1.4118E+03 1.4476E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



MIN,MAX= -2.0226E+03 -2.0002E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

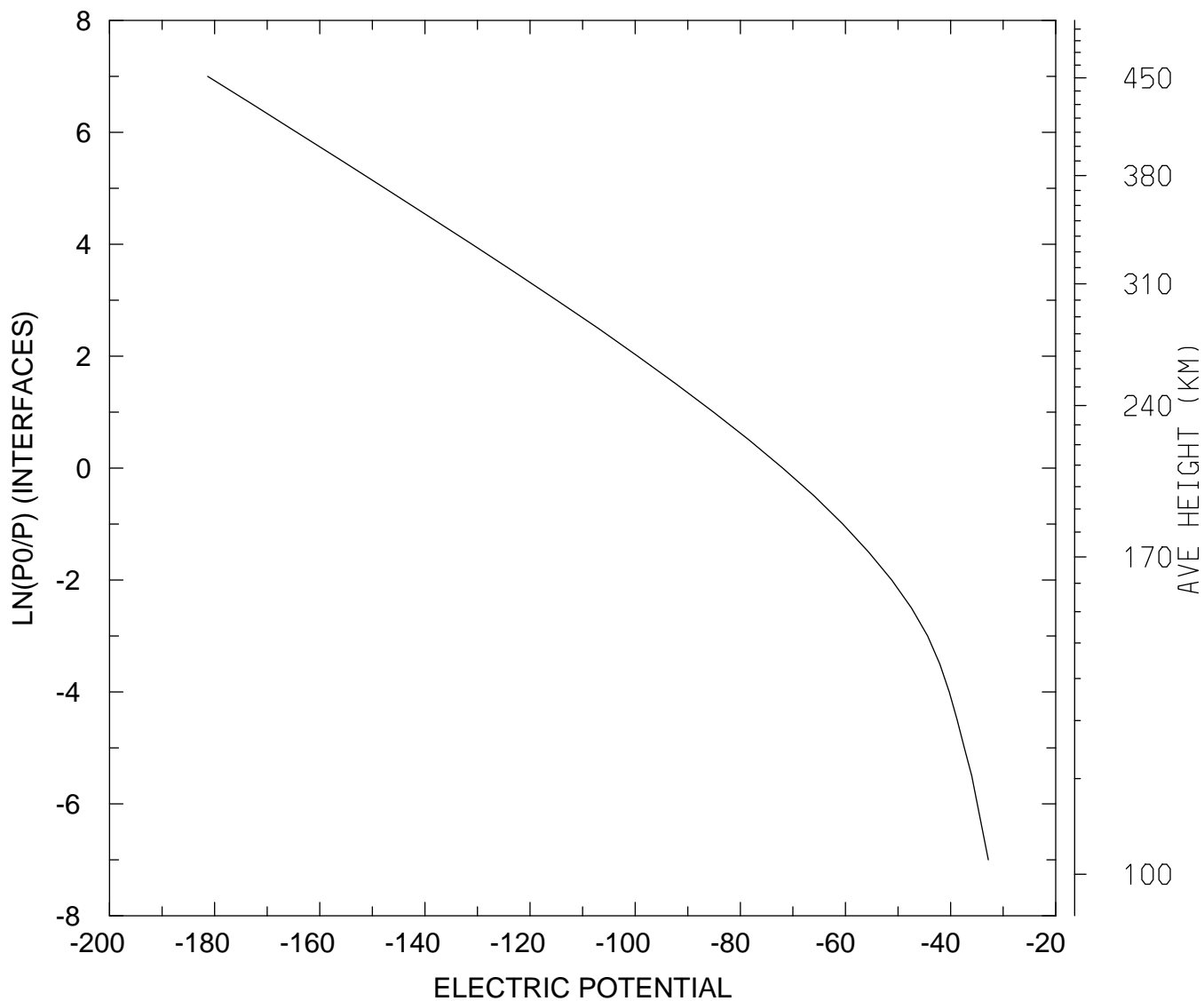
ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



MIN,MAX= -5.3451E+02 -4.7413E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

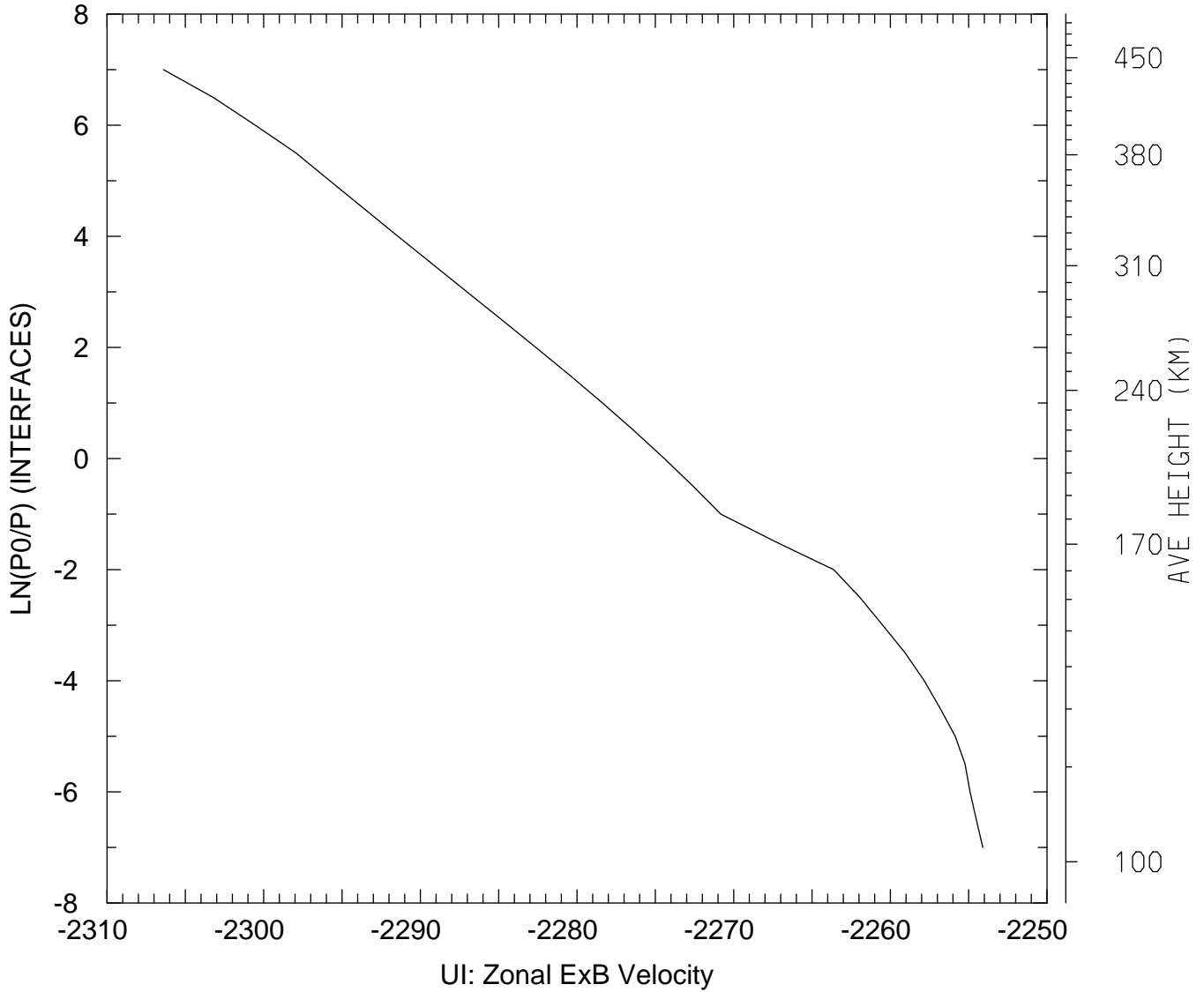


ELECTRIC POTENTIAL (VOLTS)  
UT= 0.00 GLOBAL MEANS



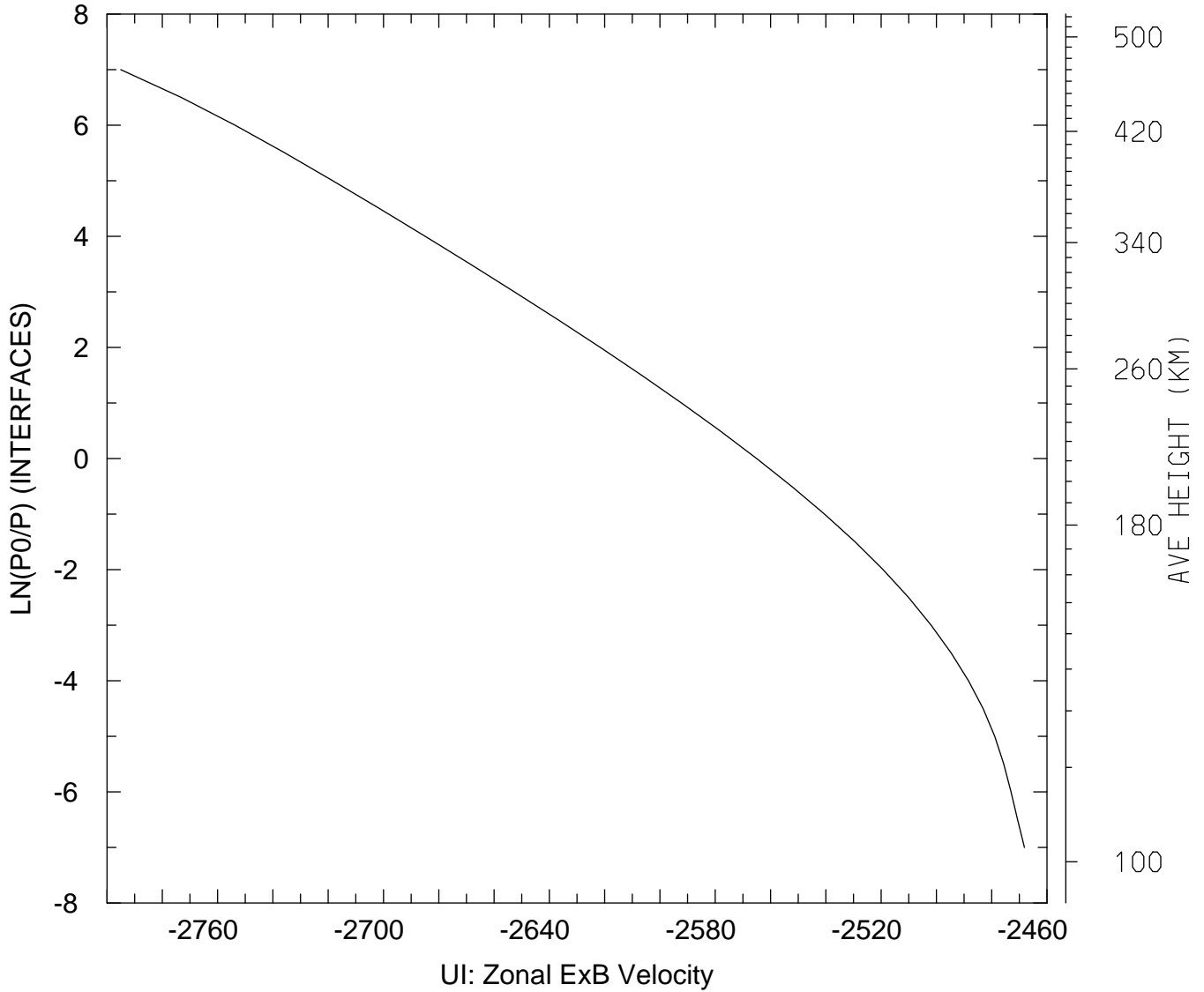
MIN,MAX= -1.8133E+02 -3.2834E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



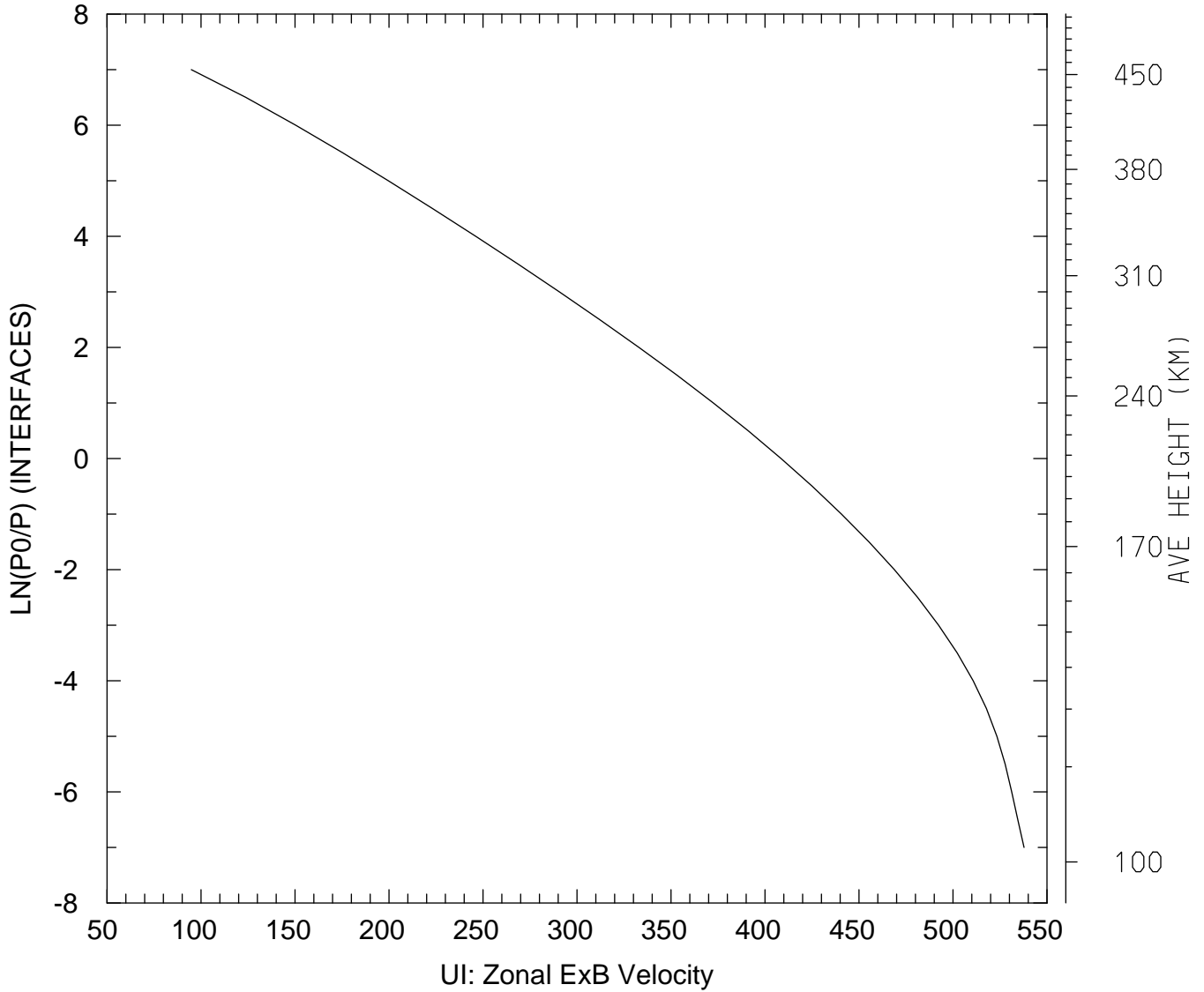
MIN,MAX= -2.3064E+03 -2.2541E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



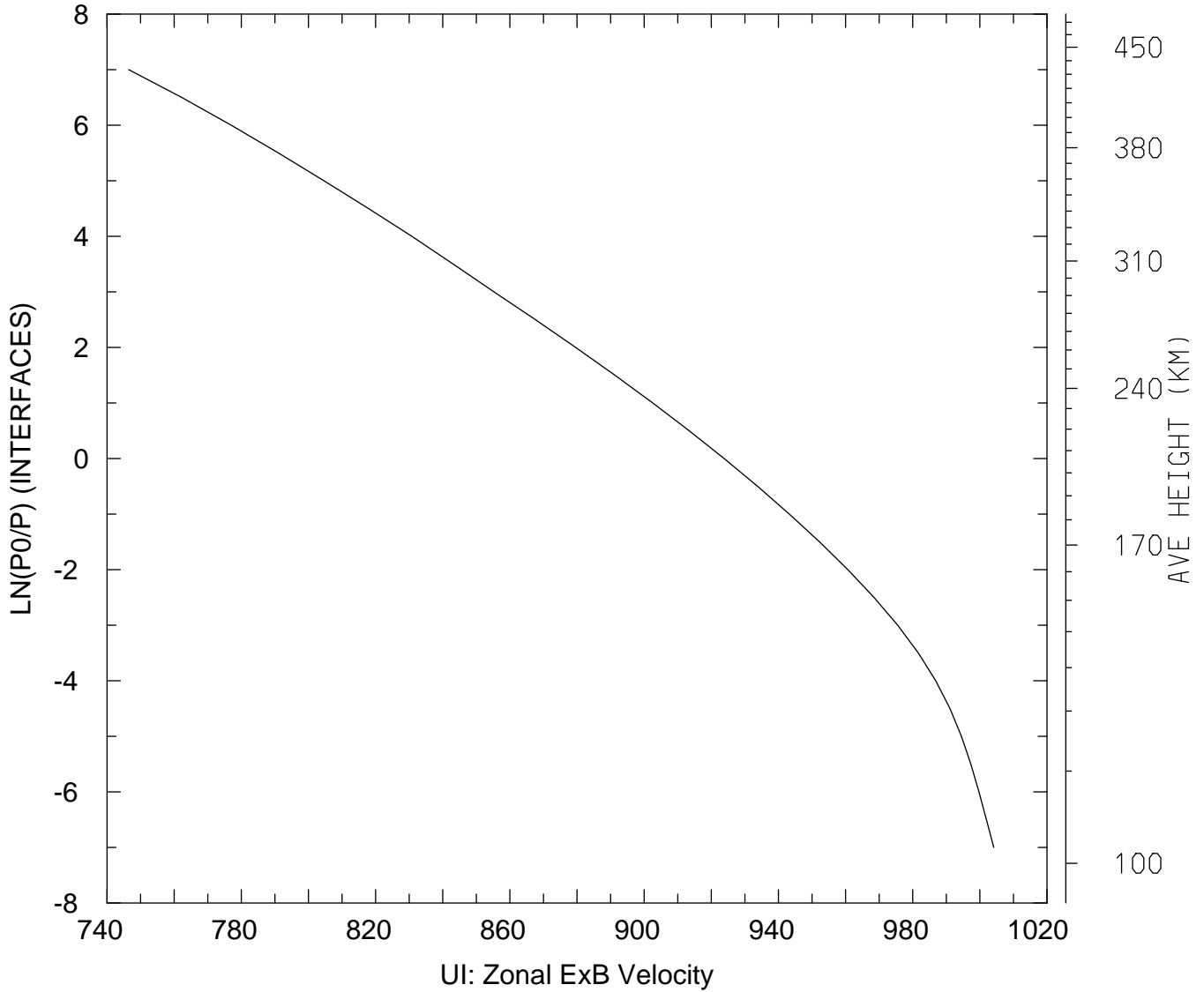
MIN,MAX= -2.7950E+03 -2.4682E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



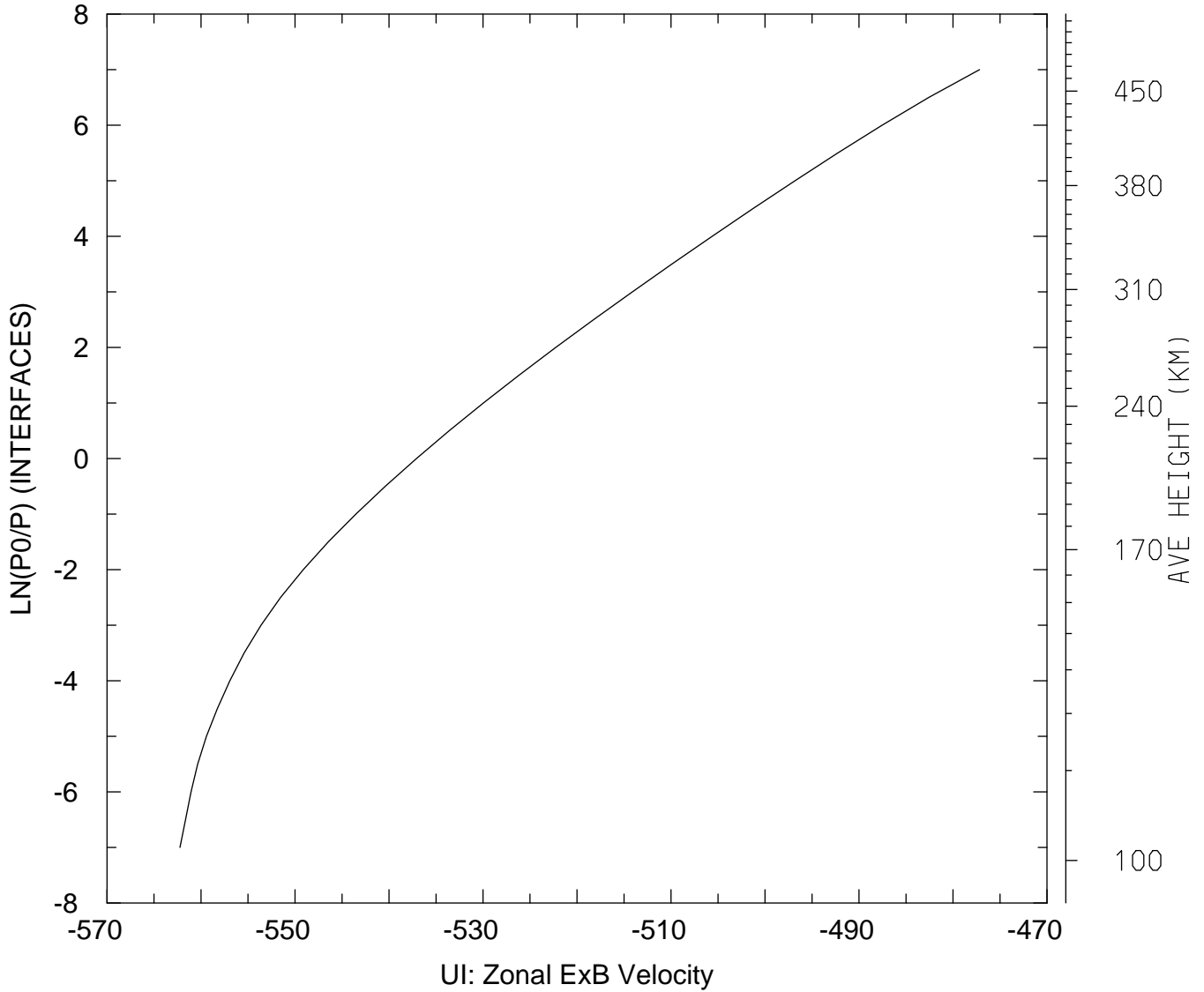
MIN,MAX= 9.4822E+01 5.3780E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



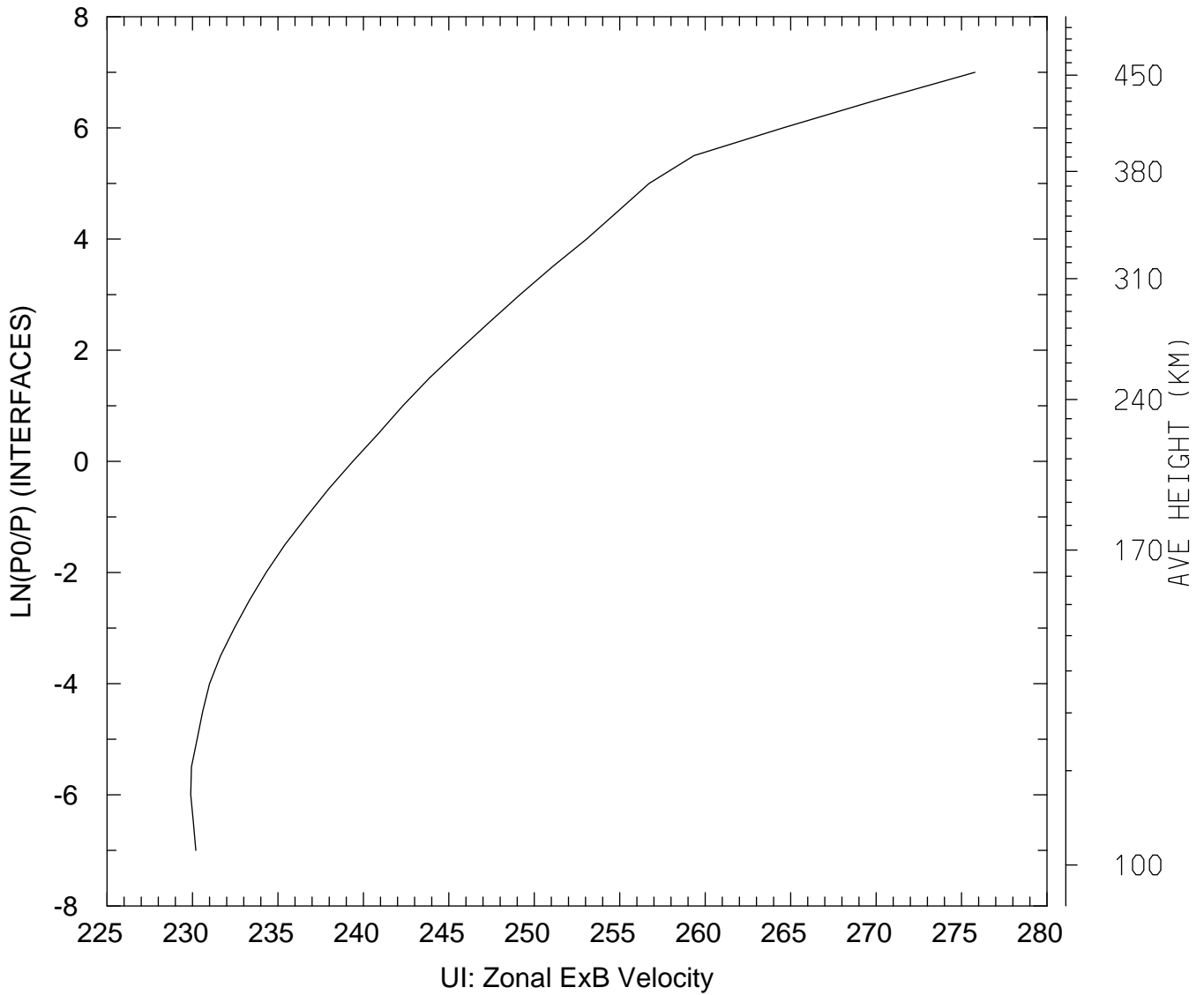
MIN,MAX= 7.4647E+02 1.0042E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS)



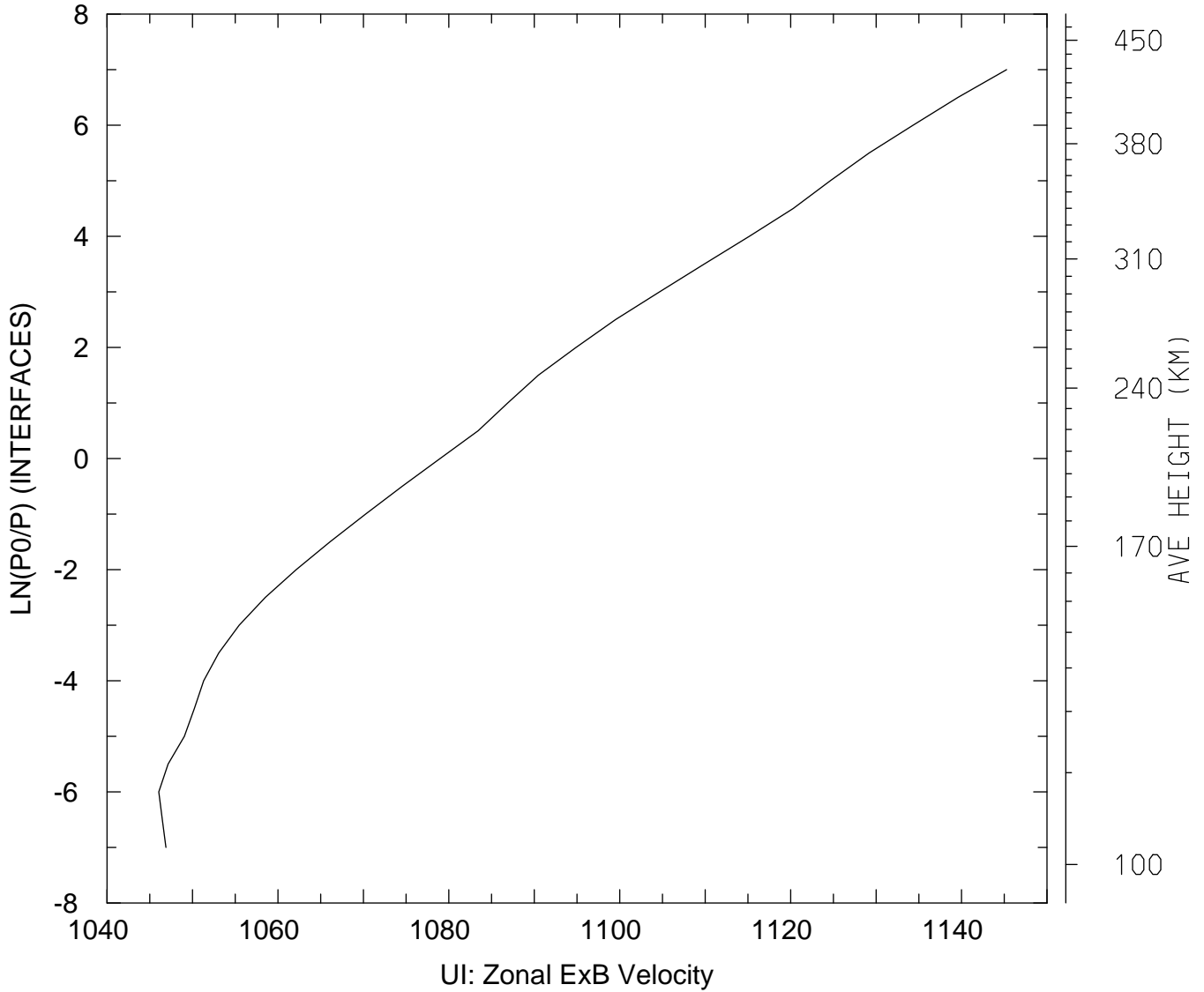
MIN,MAX= -5.6224E+02 -4.7718E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 2.2990E+02 2.7578E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

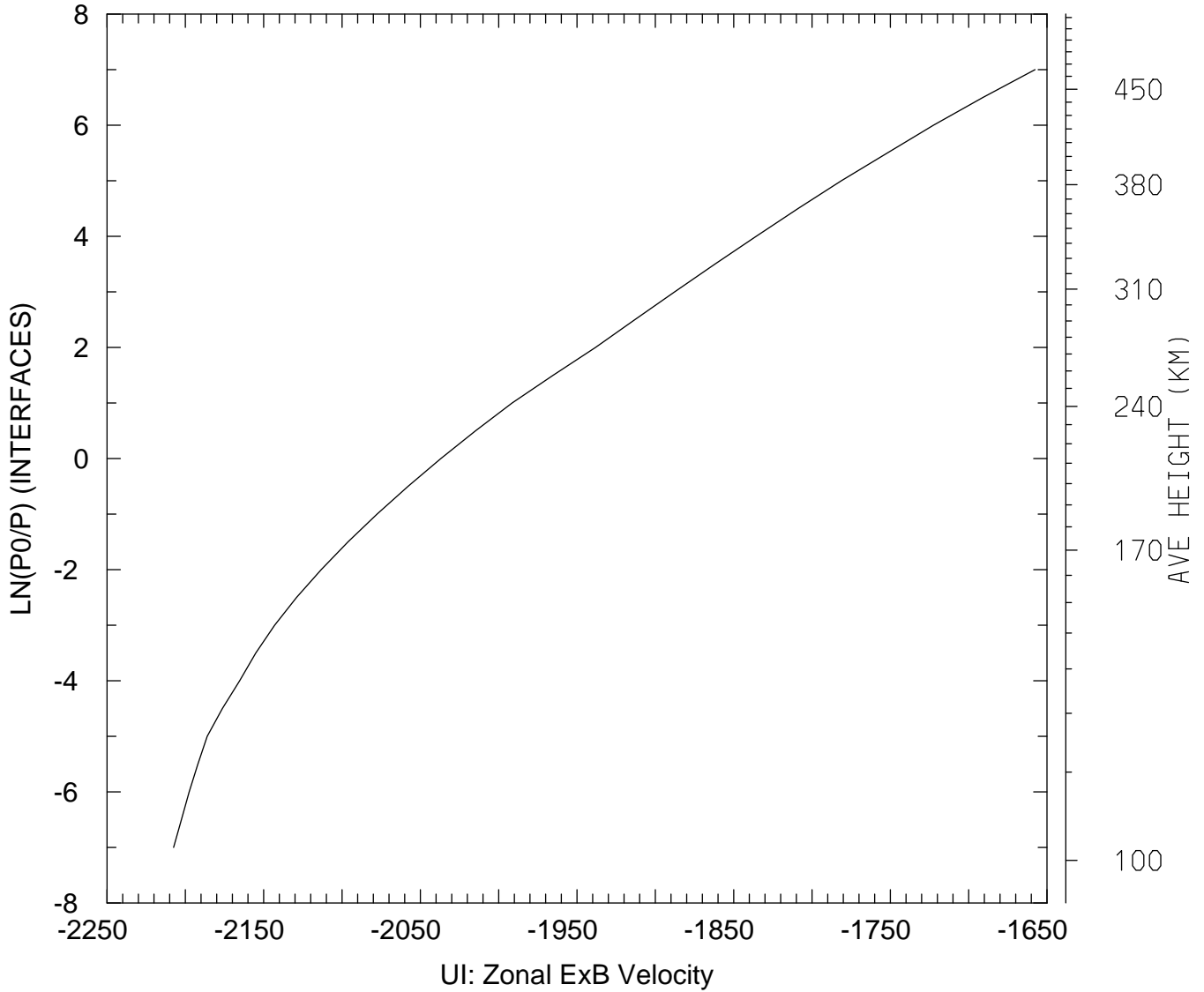
UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS)



MIN,MAX= 1.0461E+03 1.1453E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

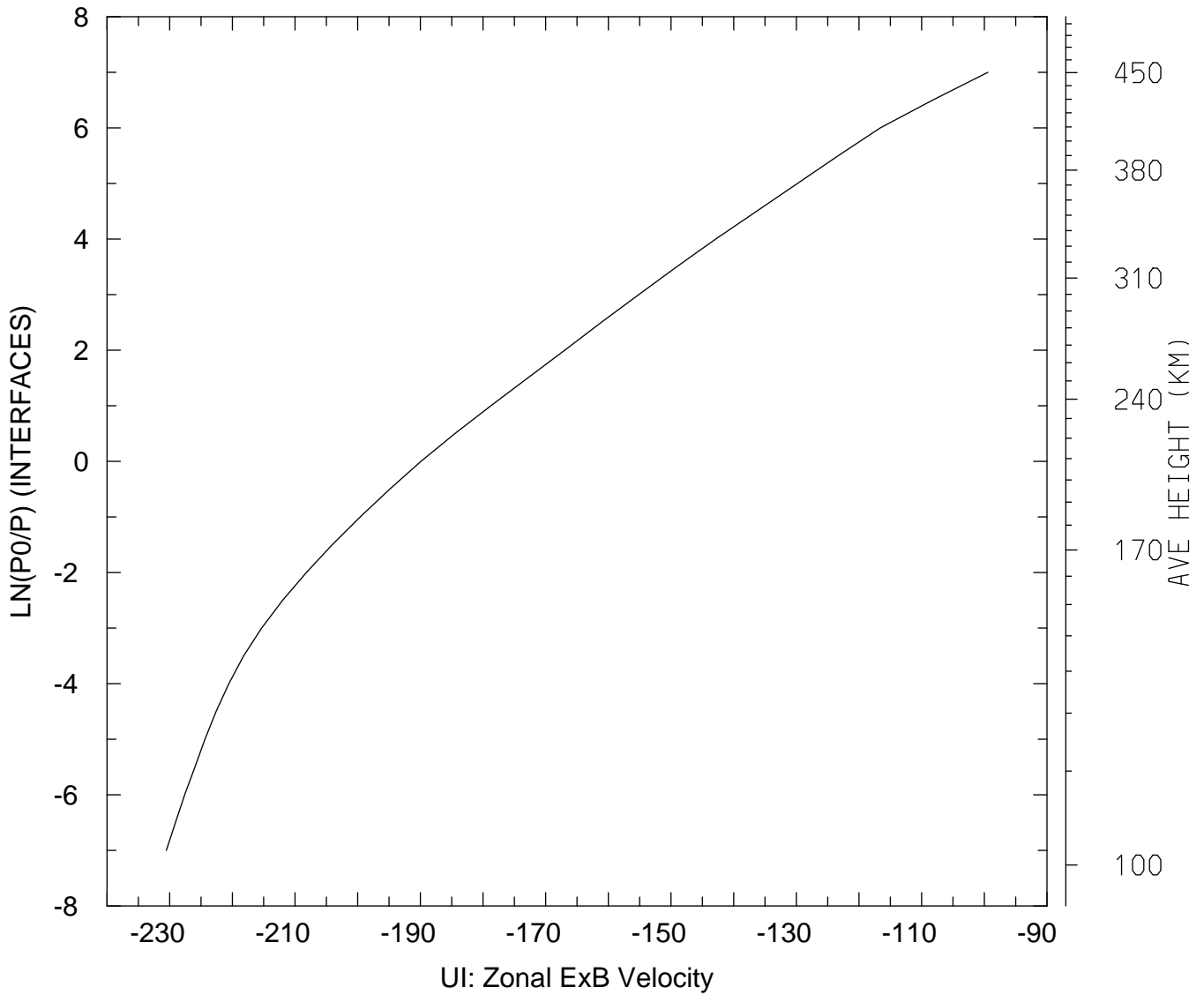


UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS)



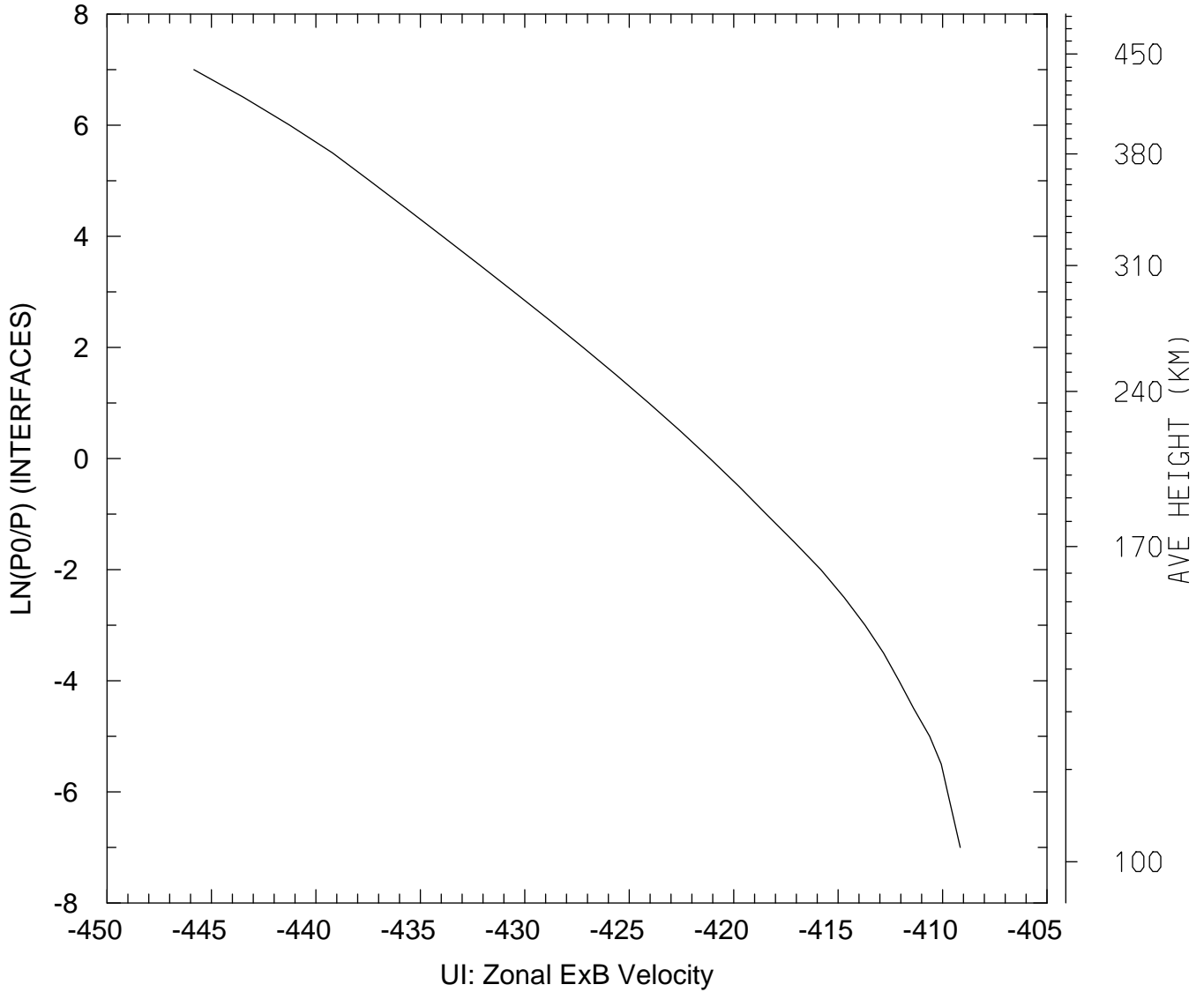
MIN,MAX= -2.2075E+03 -1.6577E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



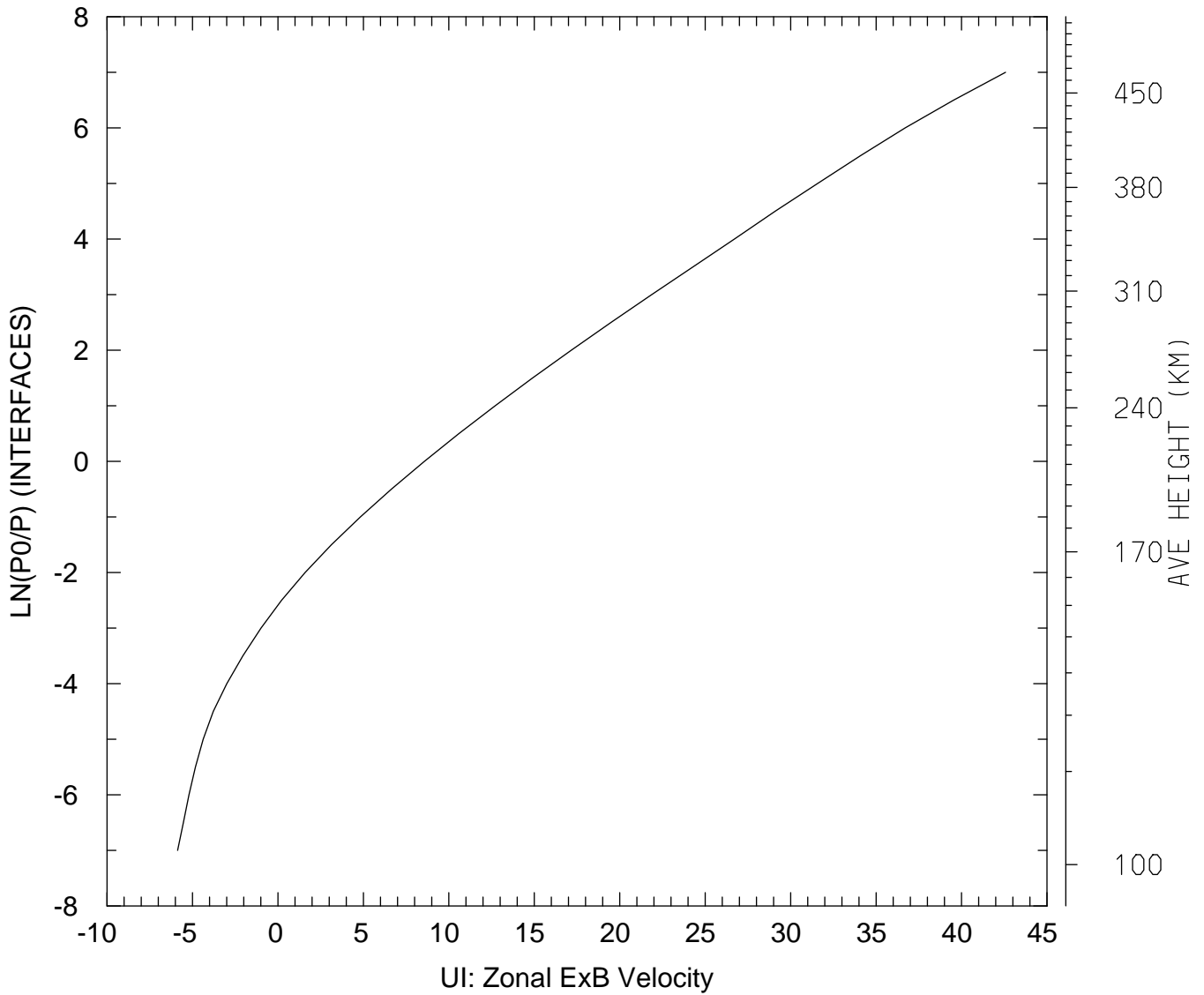
MIN,MAX= -2.3053E+02 -9.9439E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



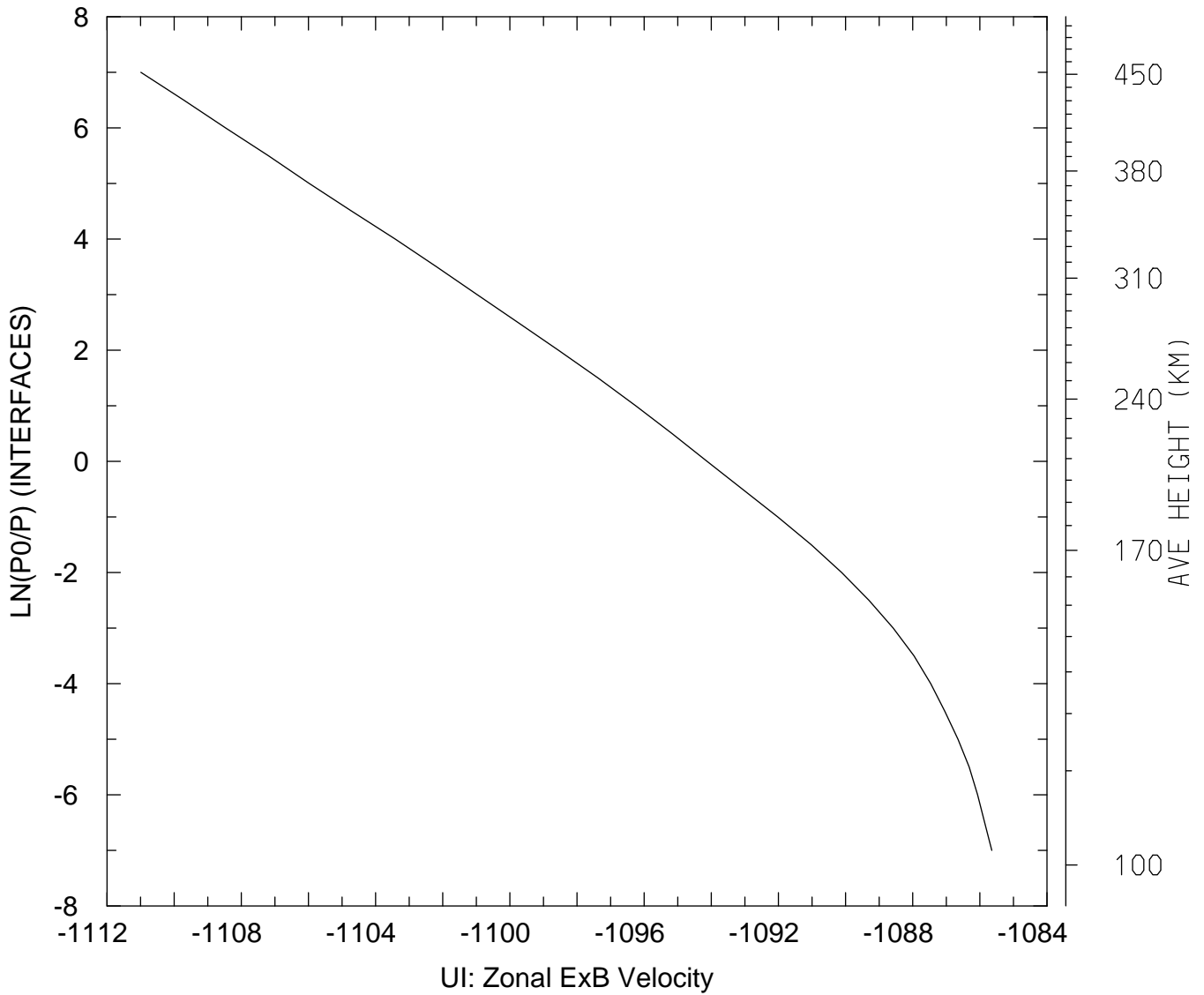
MIN,MAX= -4.4584E+02 -4.0915E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



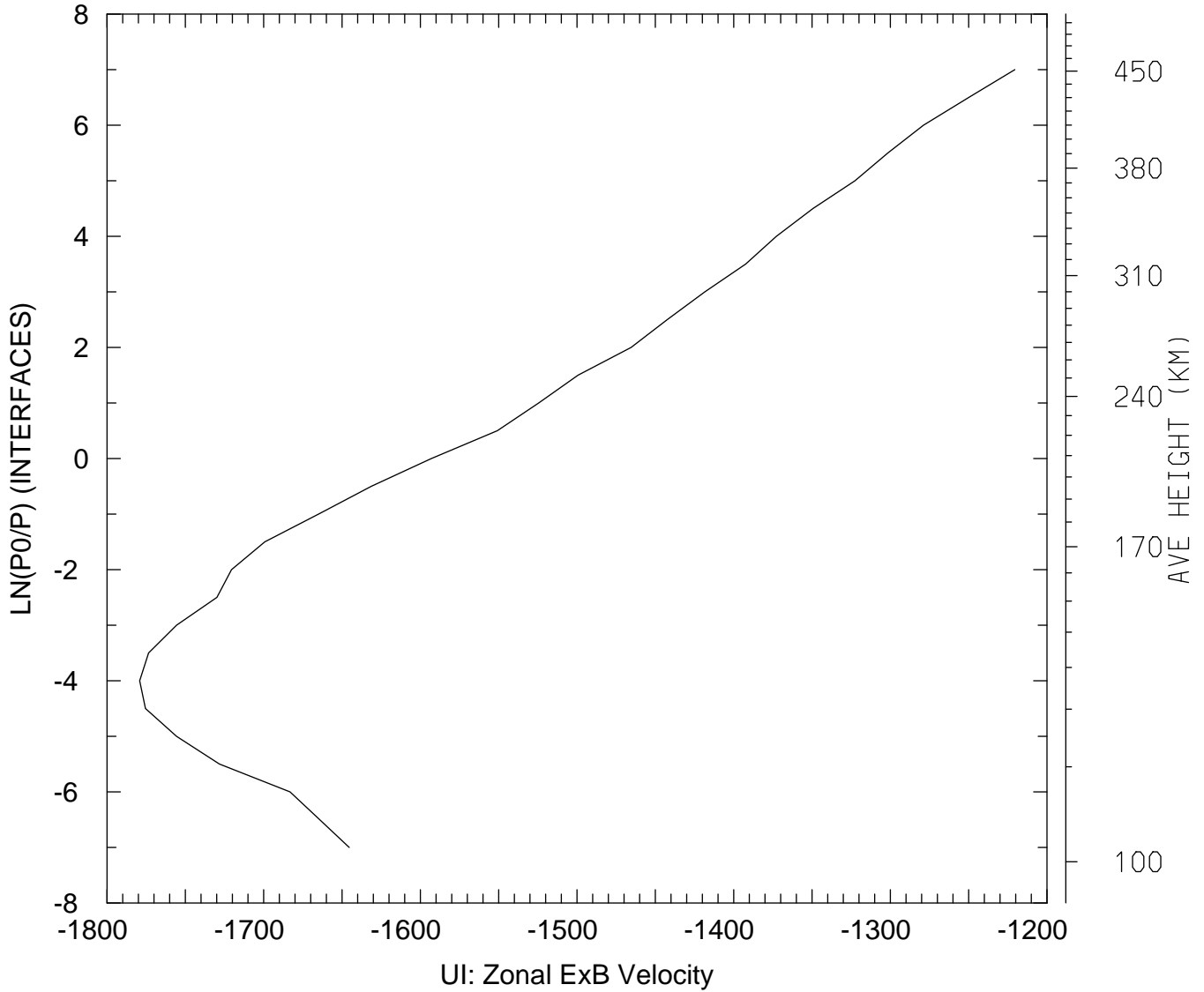
MIN,MAX= -5.8687E+00 4.2572E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



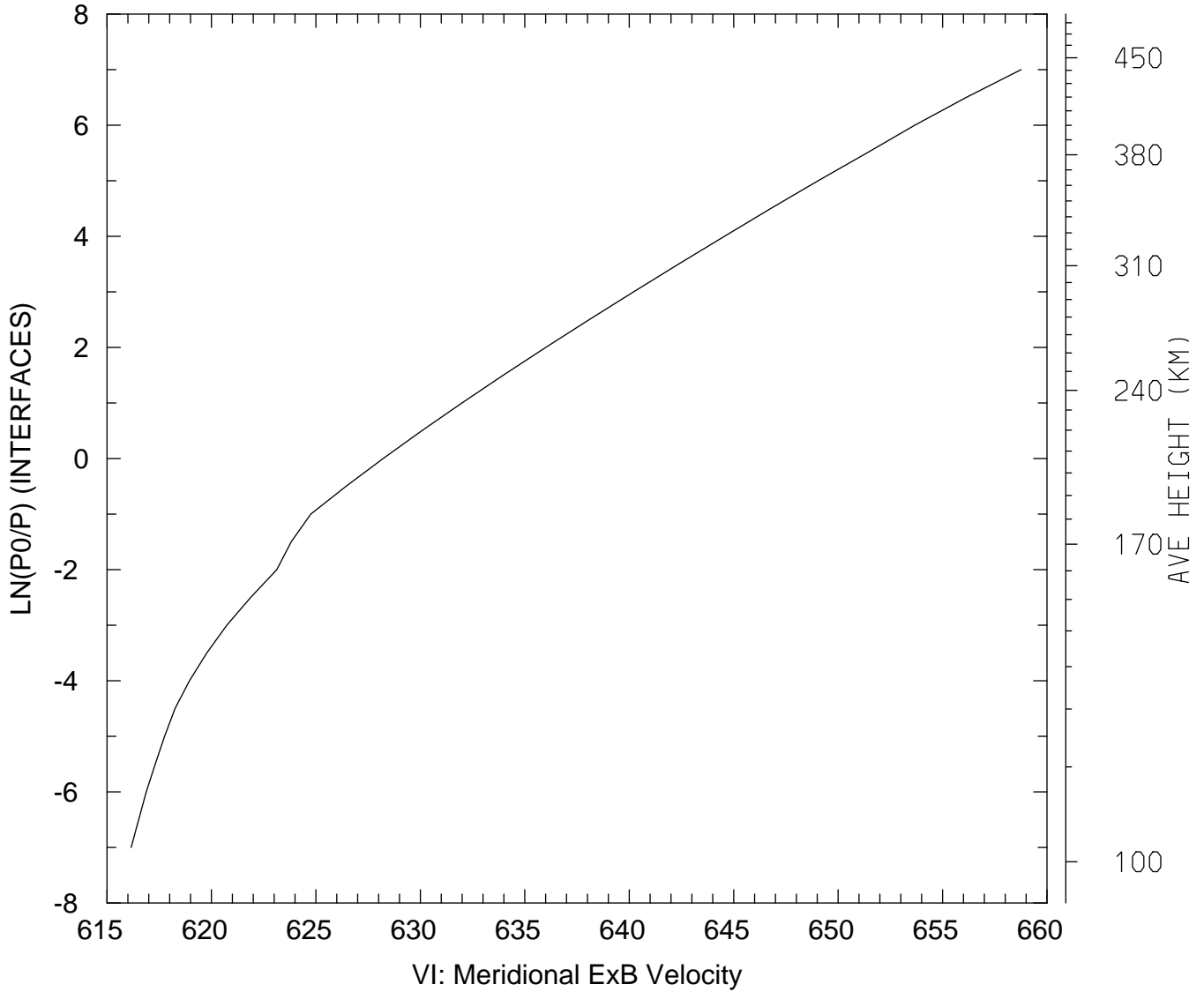
MIN,MAX= -1.1110E+03 -1.0856E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



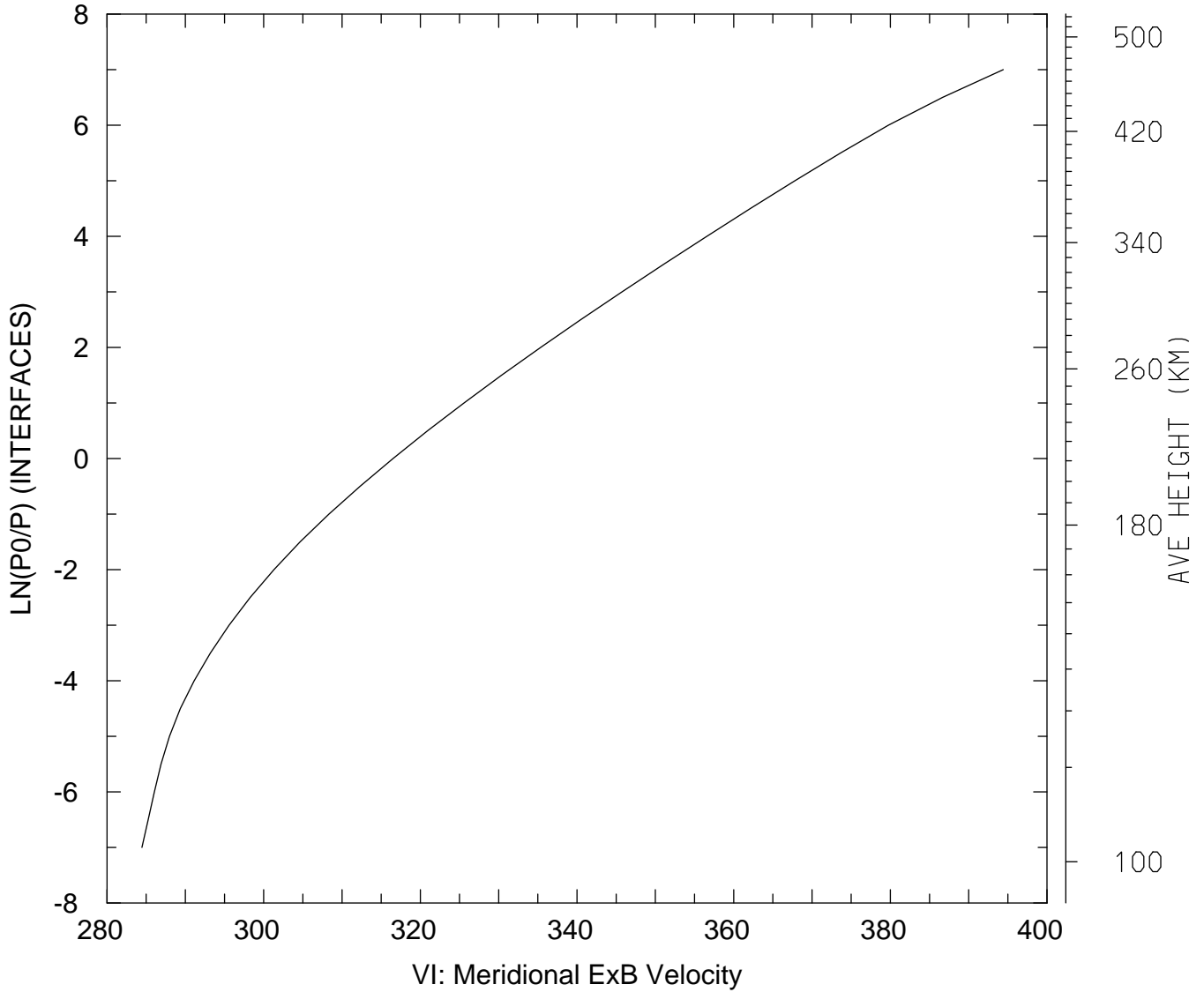
MIN,MAX= -1.7792E+03 -1.2206E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 6.1615E+02 6.5876E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

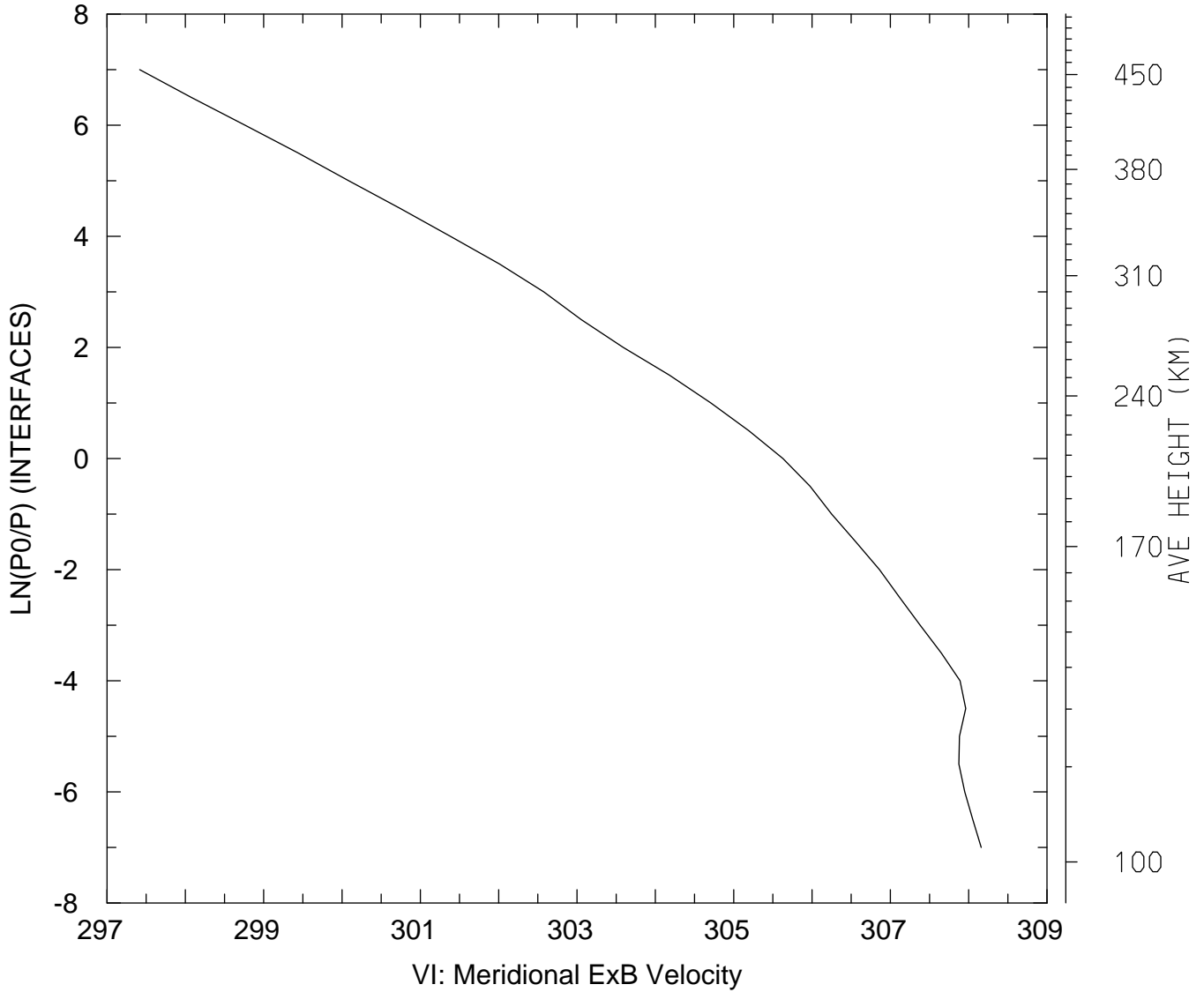
VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



MIN,MAX= 2.8445E+02 3.9441E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

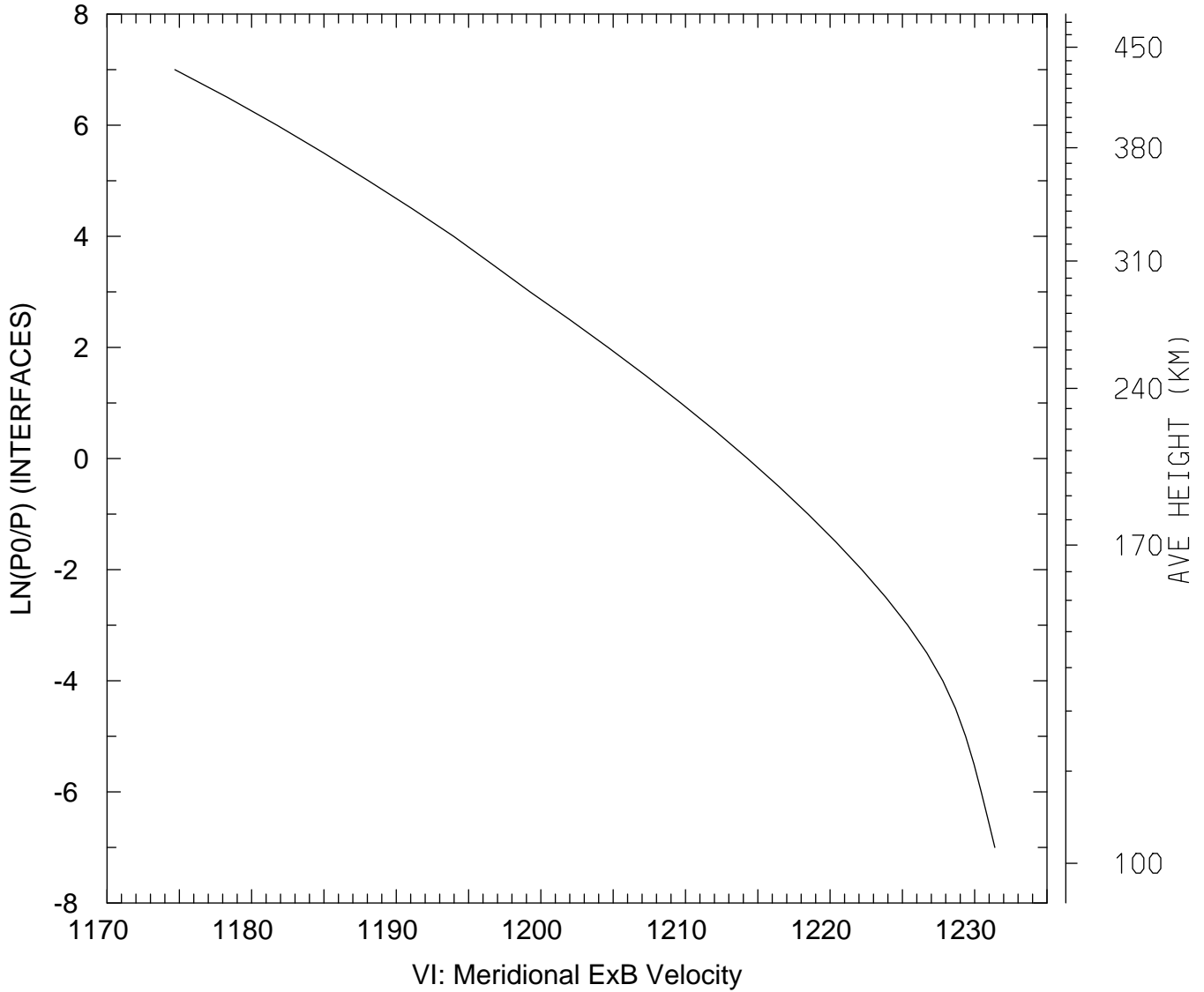


VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



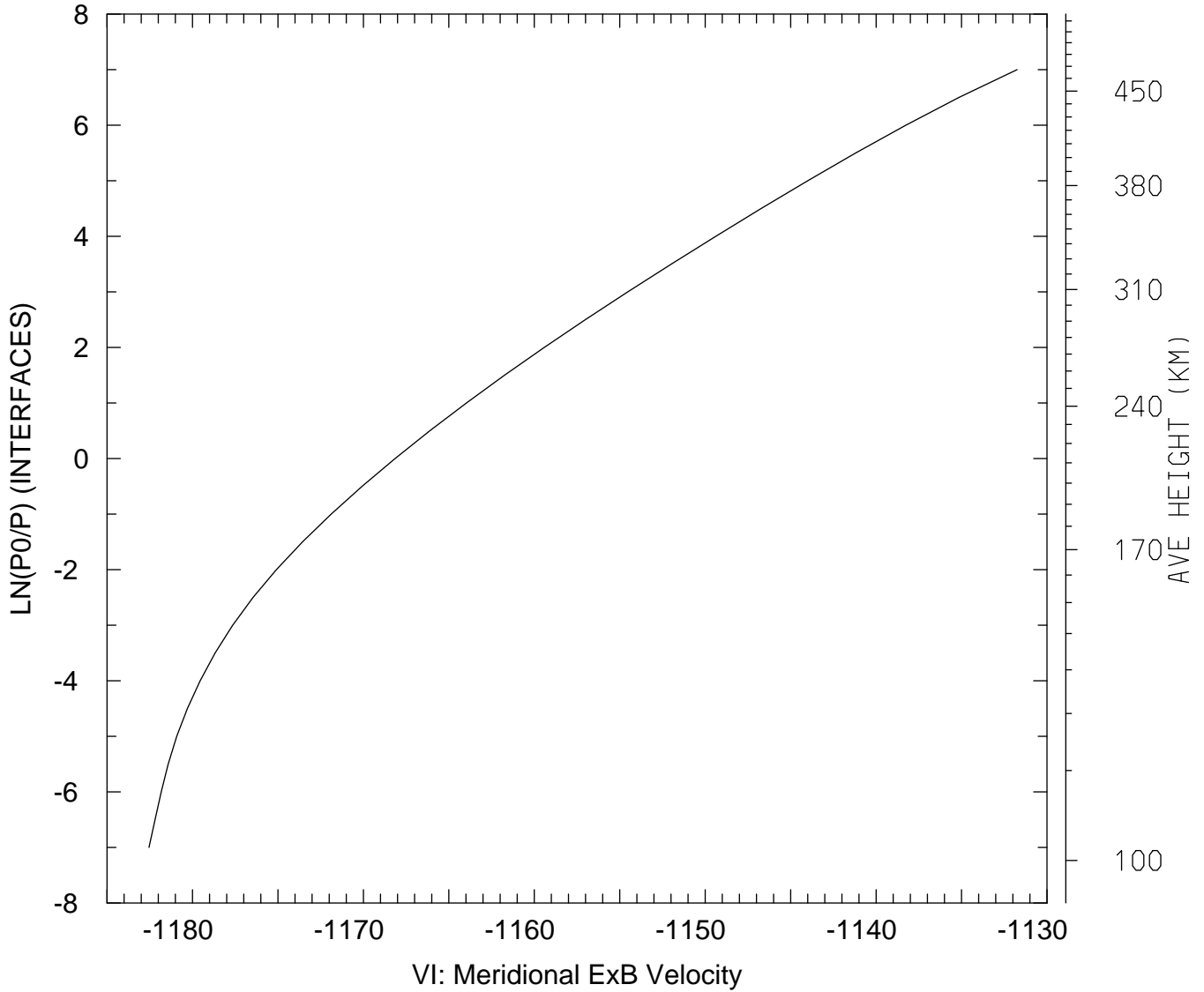
MIN,MAX= 2.9742E+02 3.0816E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



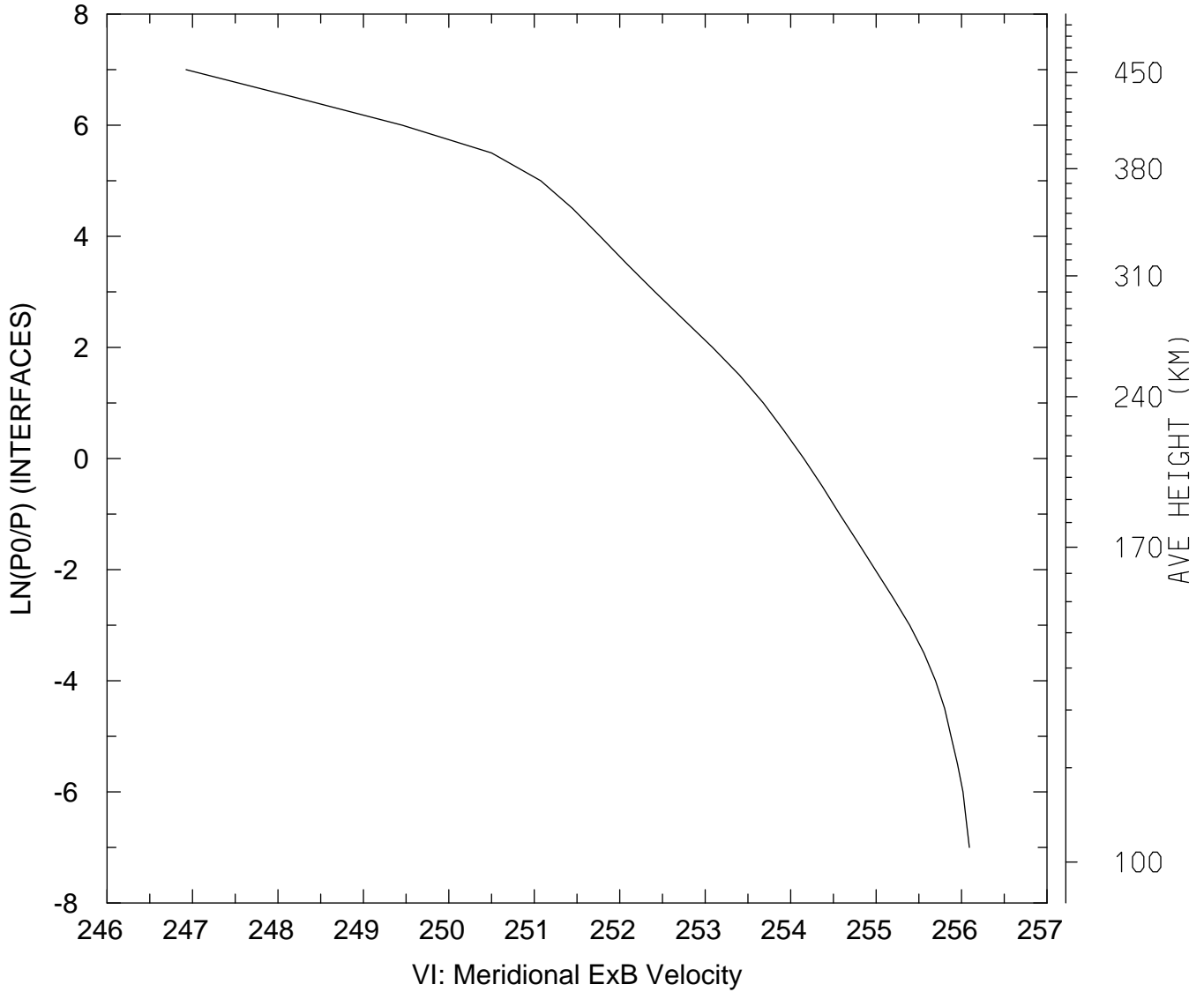
MIN,MAX= 1.1747E+03 1.2314E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



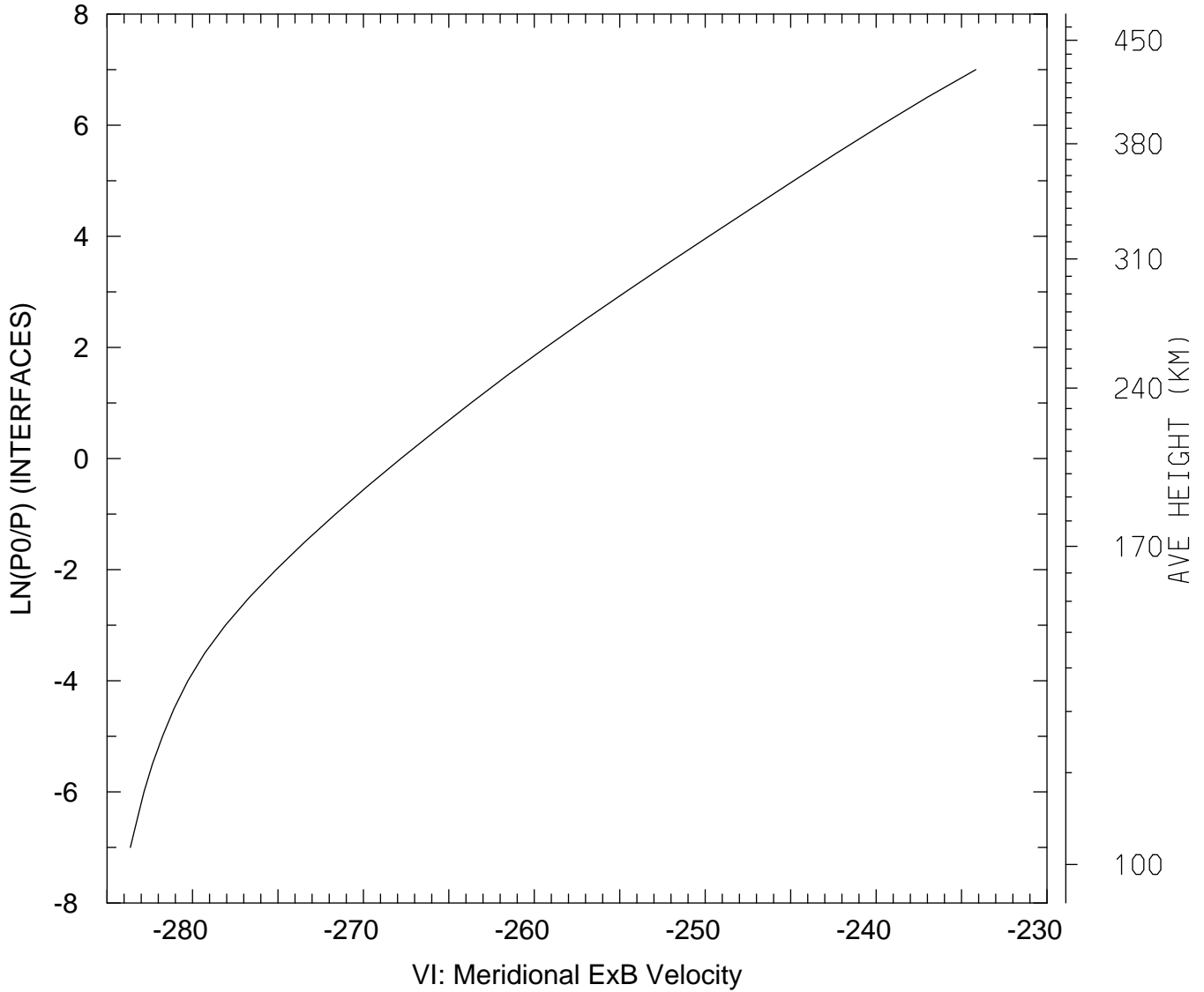
MIN,MAX= -1.1825E+03 -1.1318E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



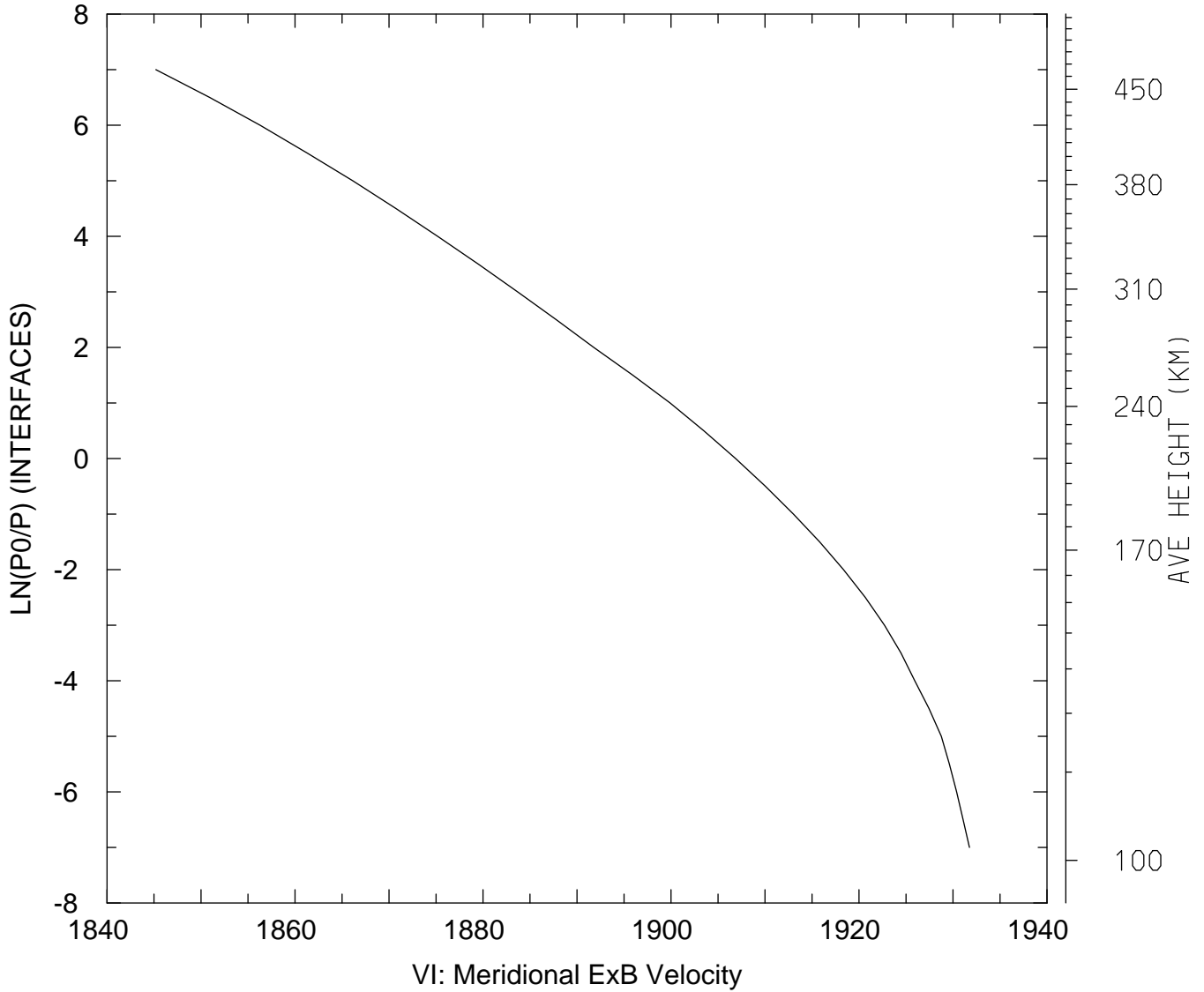
MIN,MAX= 2.4692E+02 2.5609E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



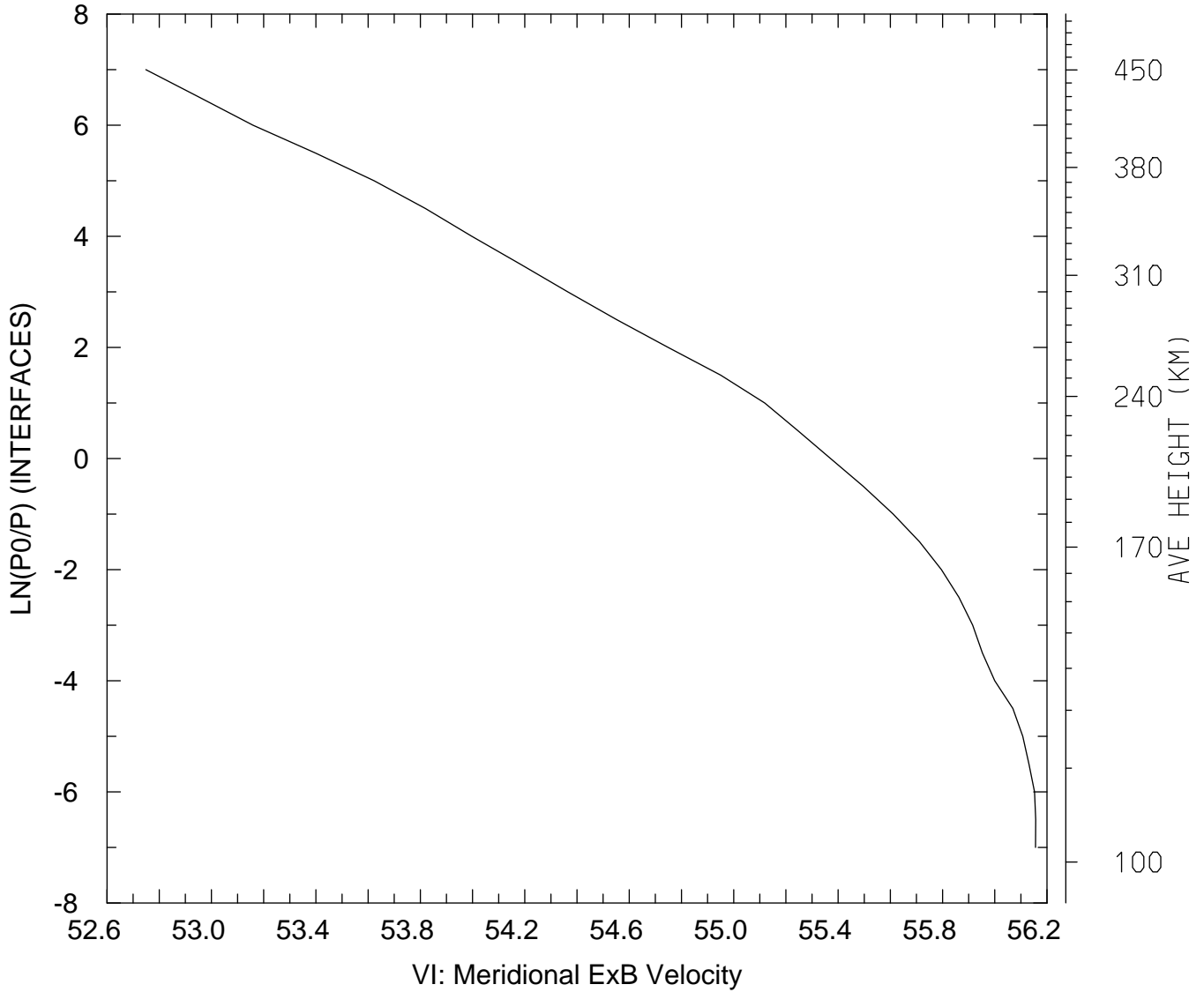
MIN,MAX= -2.8363E+02 -2.3417E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



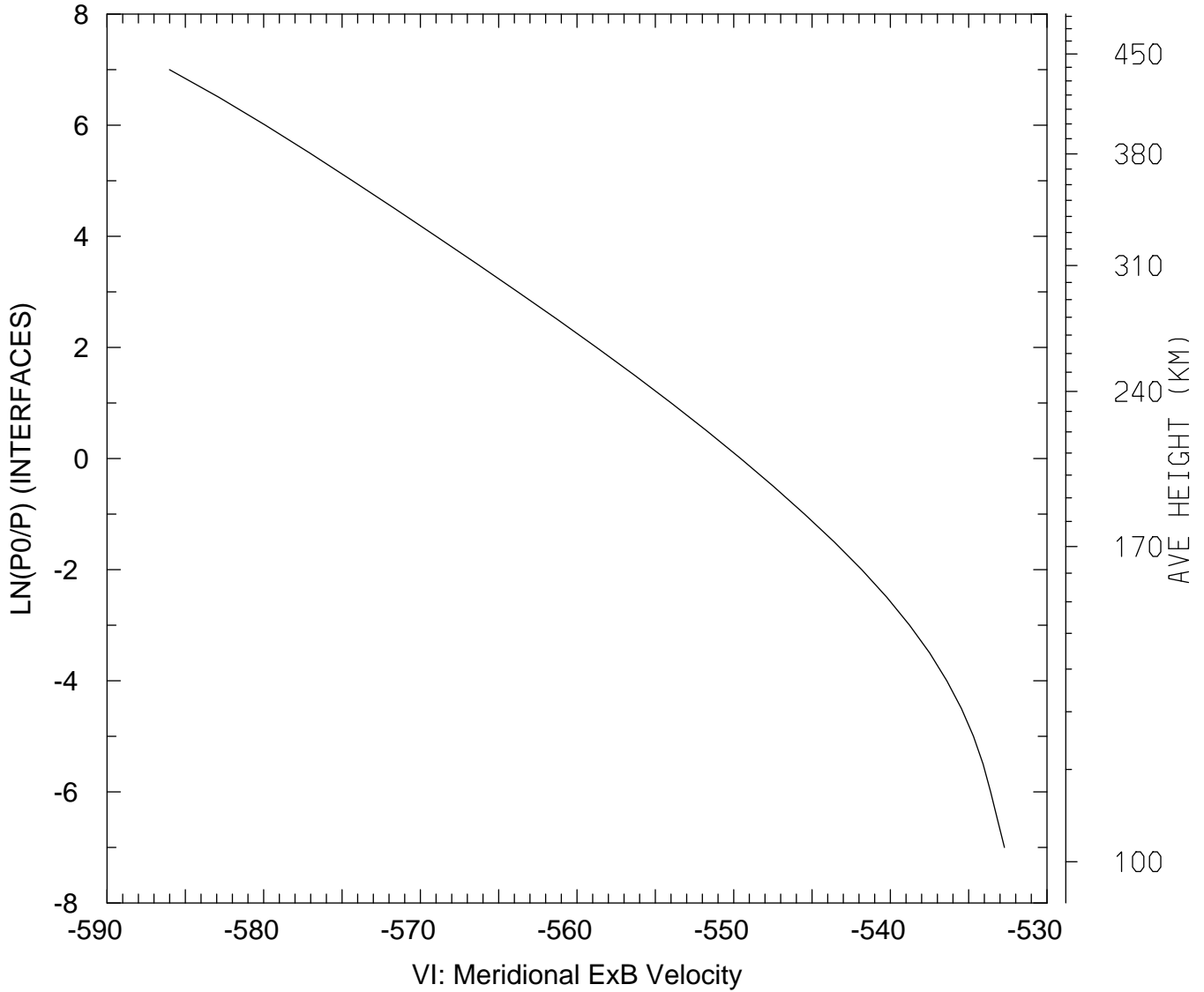
MIN,MAX= 1.8452E+03 1.9317E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 5.2749E+01 5.6157E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

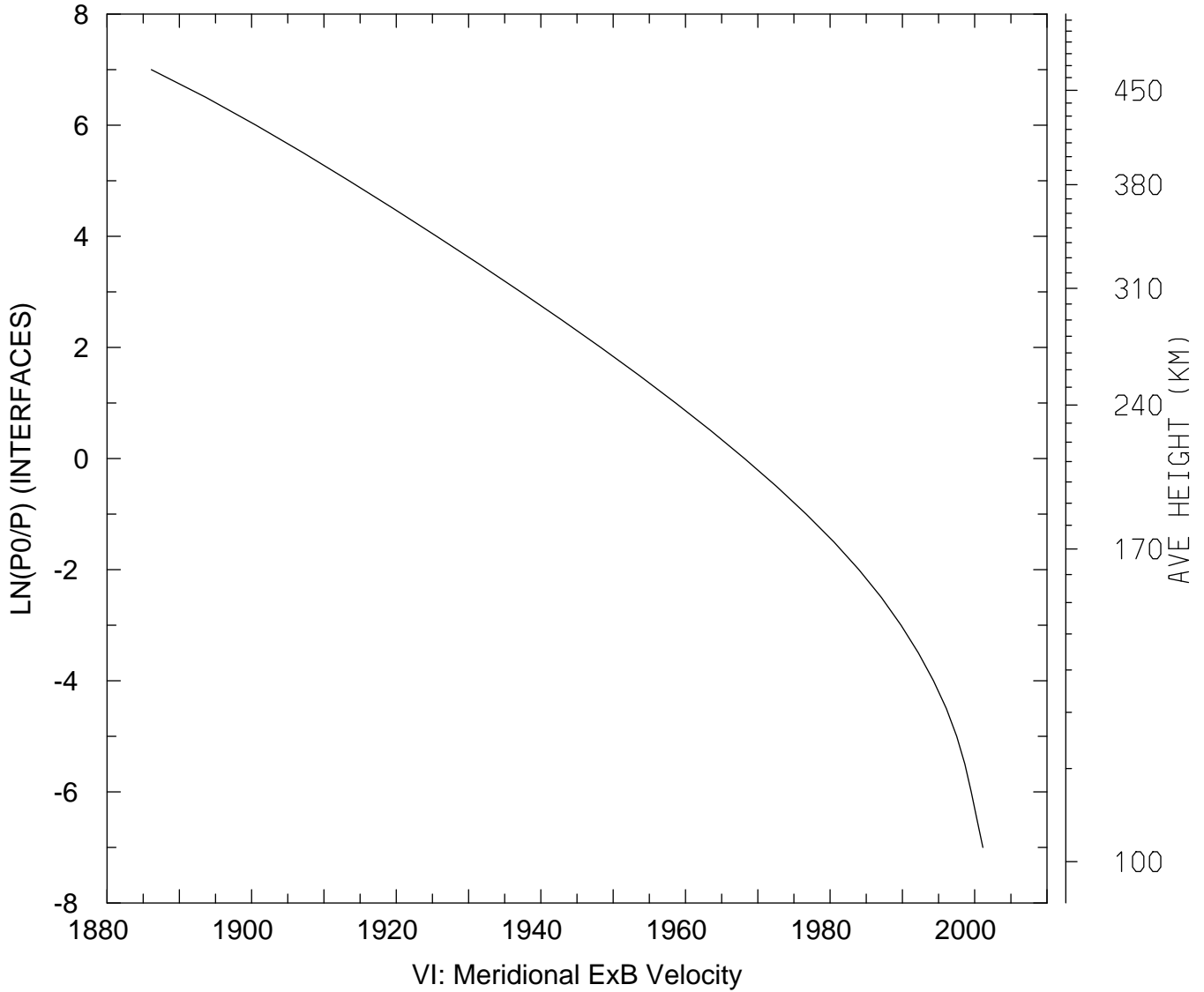
VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



MIN,MAX= -5.8601E+02 -5.3272E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

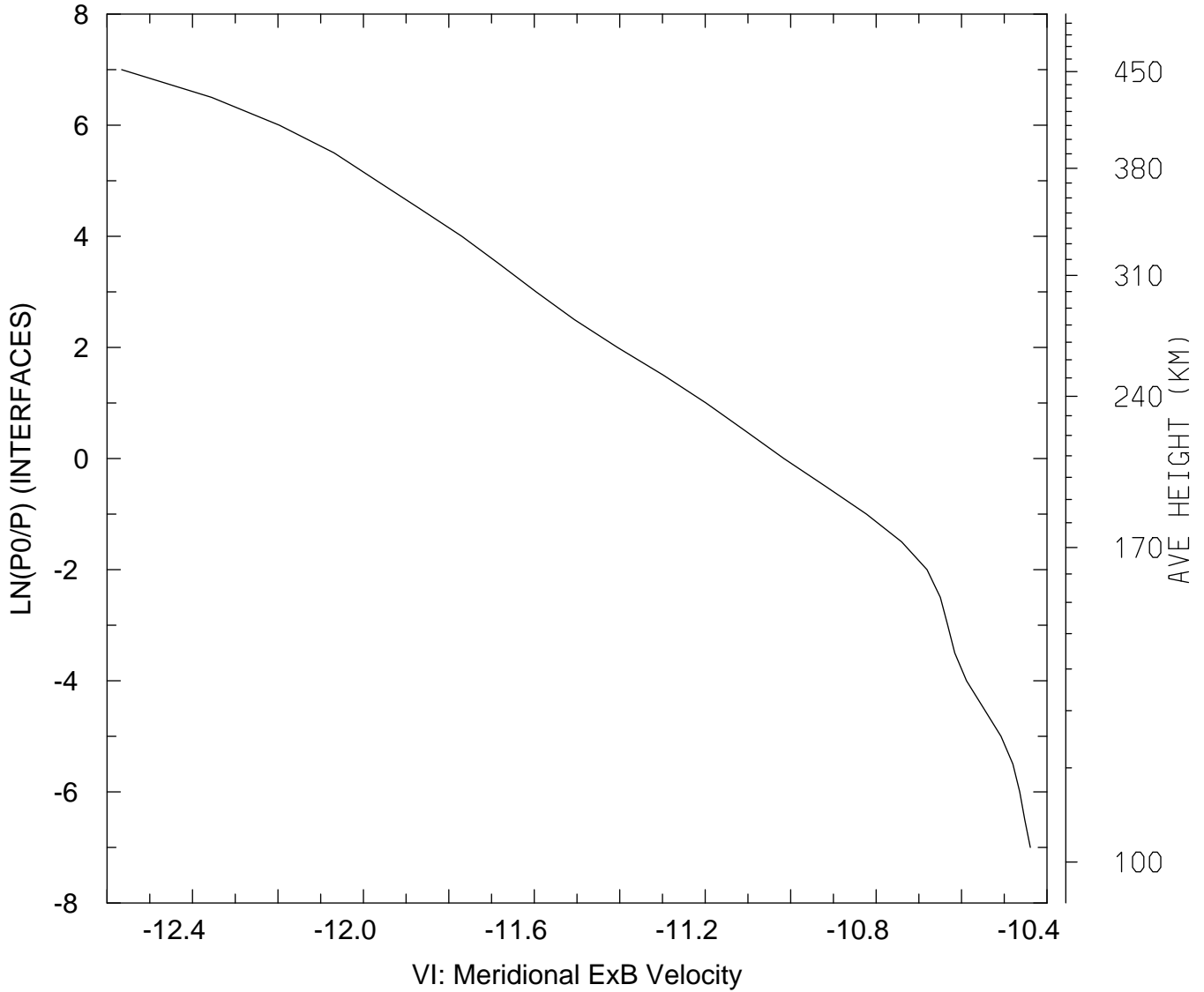


VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



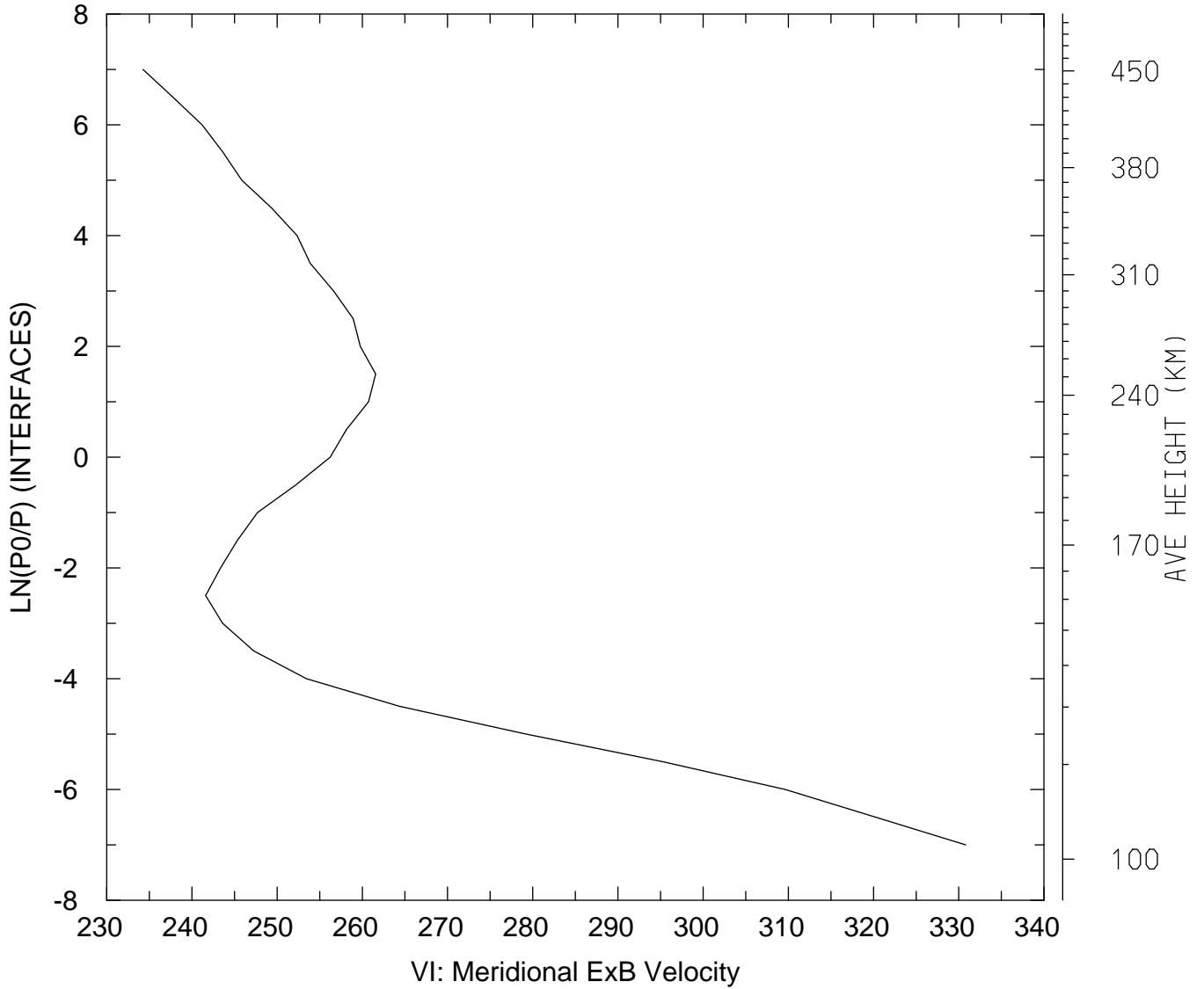
MIN,MAX= 1.8861E+03 2.0011E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



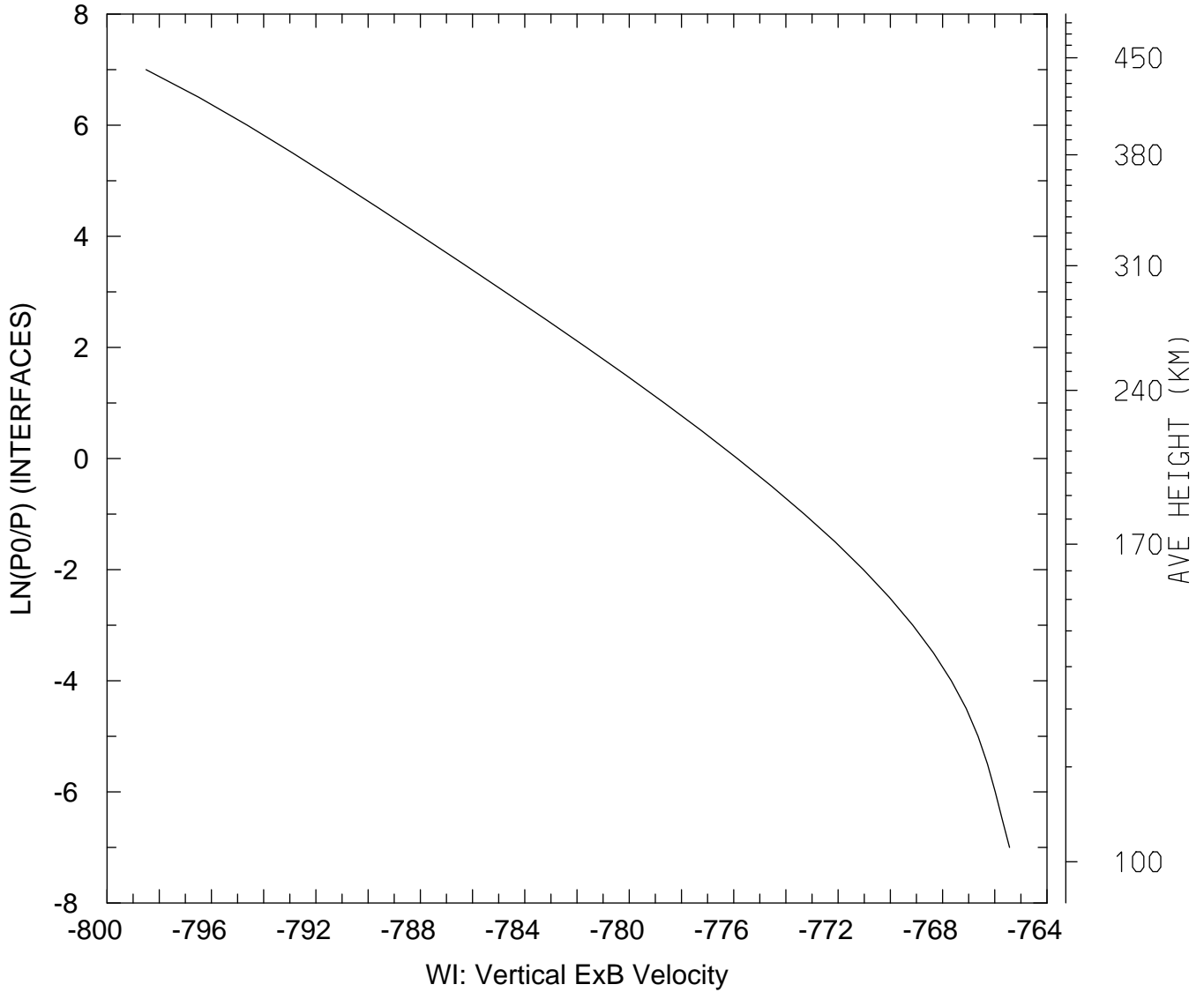
MIN,MAX= -1.2566E+01 -1.0439E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



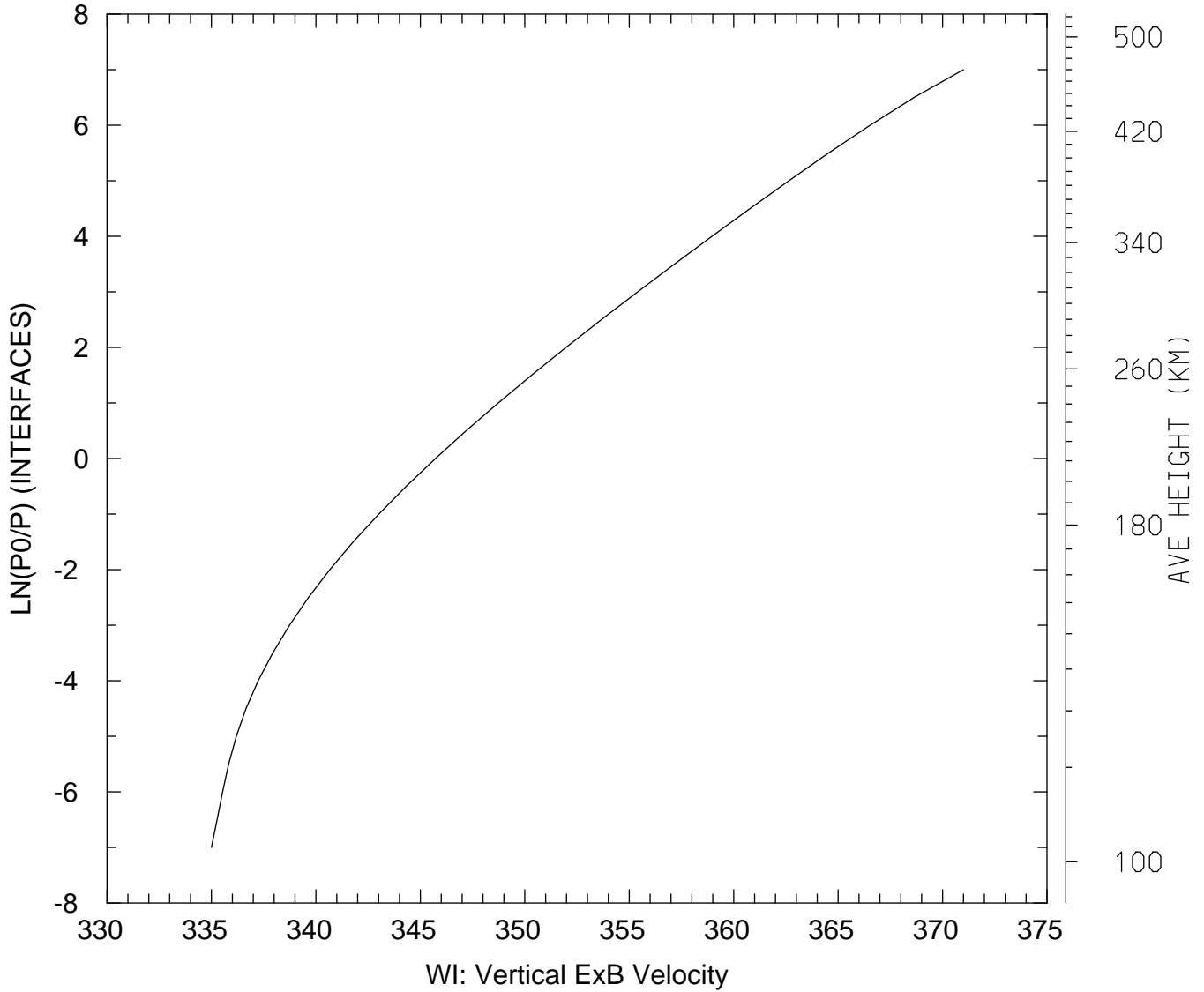
MIN,MAX= 2.3426E+02 3.3081E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



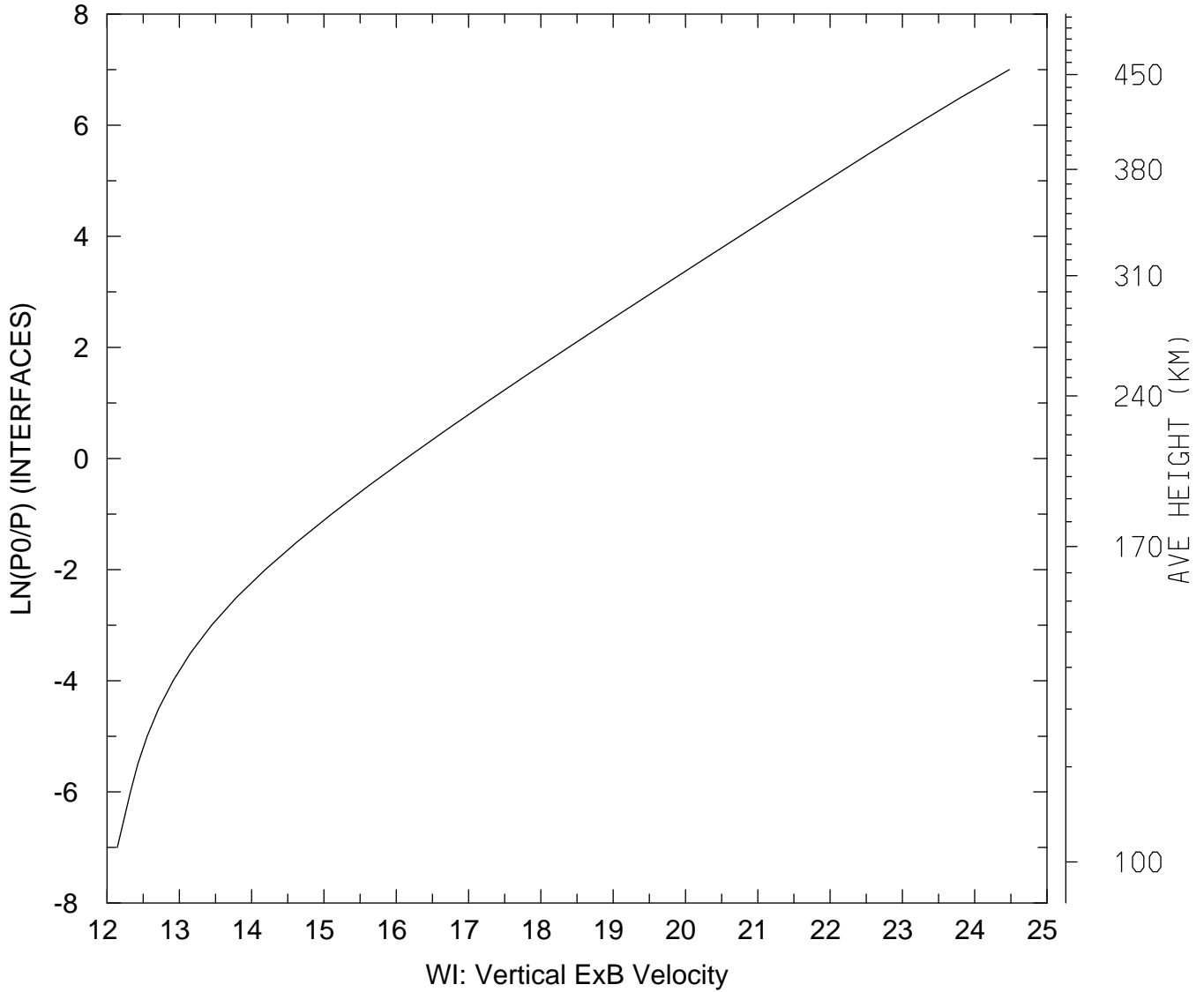
MIN,MAX= -7.9851E+02 -7.6544E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS)



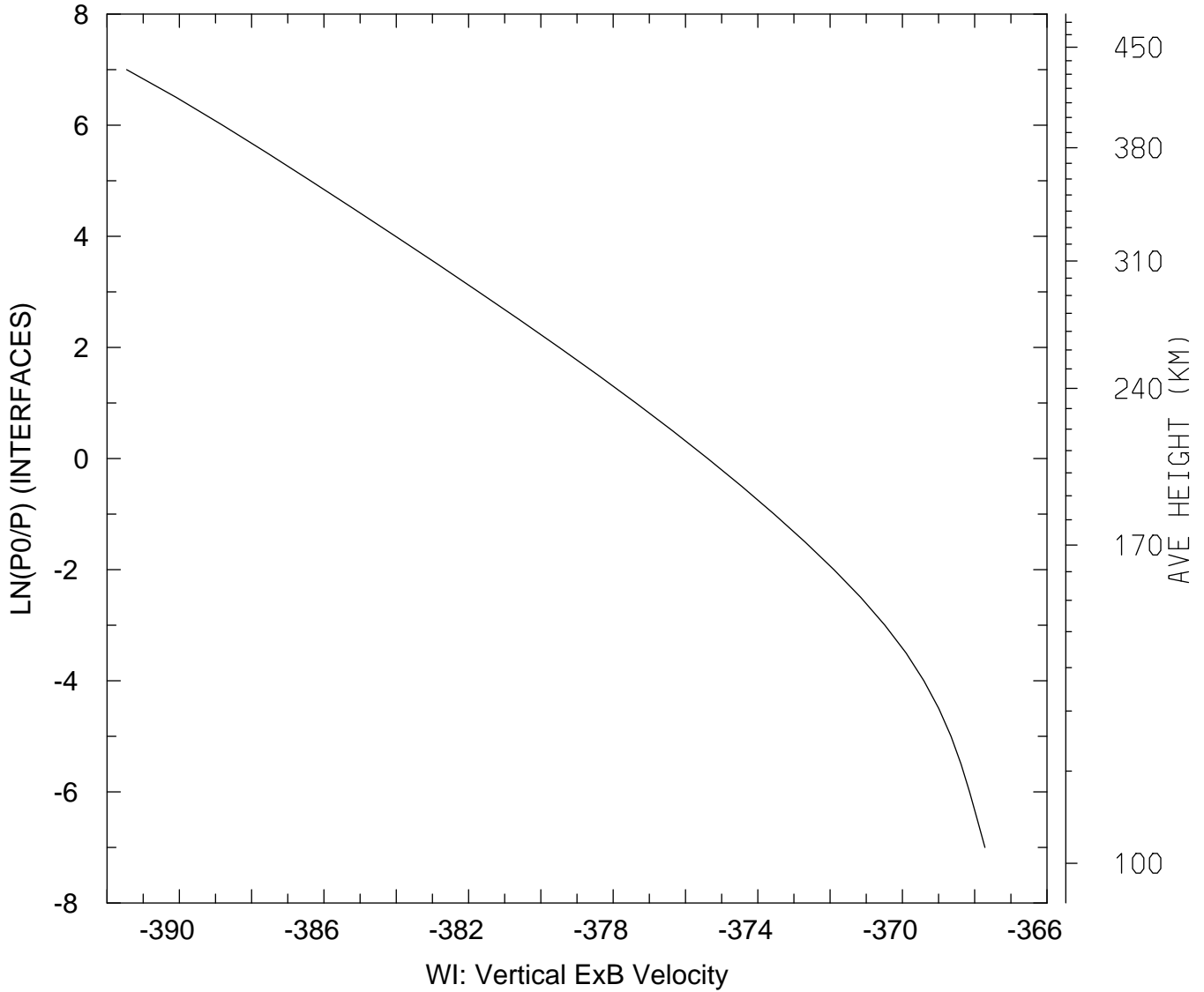
MIN,MAX= 3.3500E+02 3.7100E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



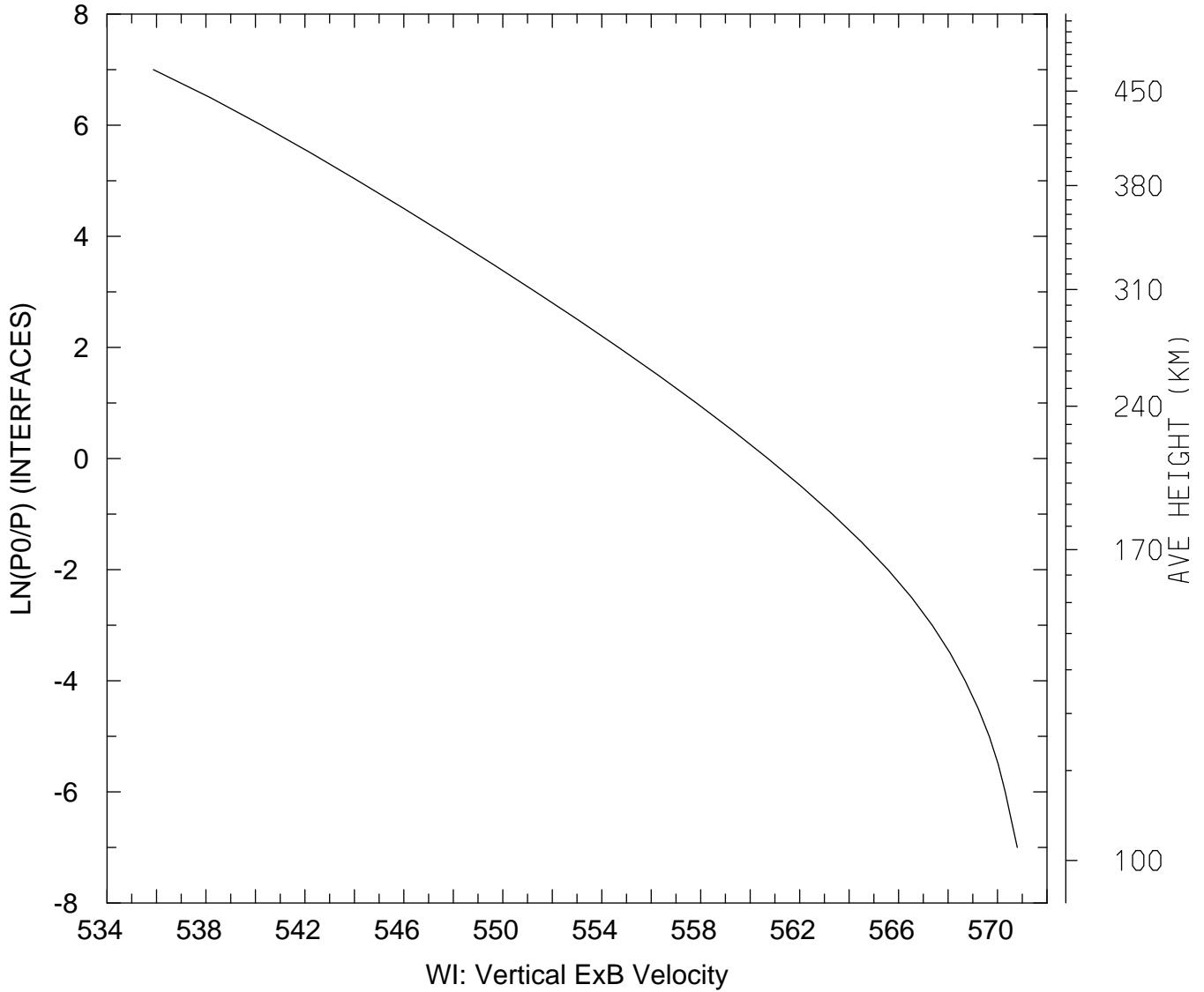
MIN,MAX= 1.2142E+01 2.4480E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= -3.9146E+02 -3.6772E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

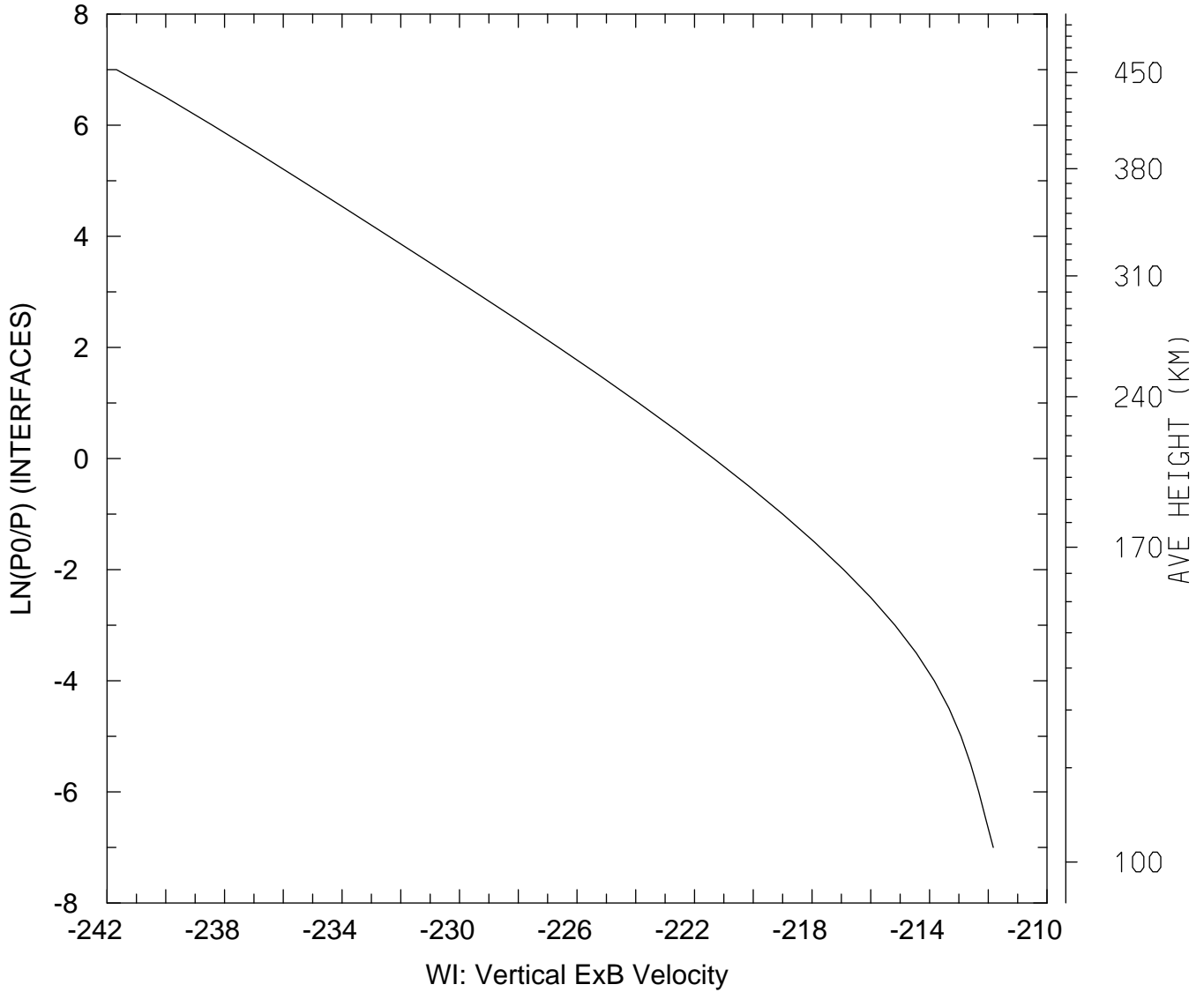
WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



MIN,MAX= 5.3587E+02 5.7080E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

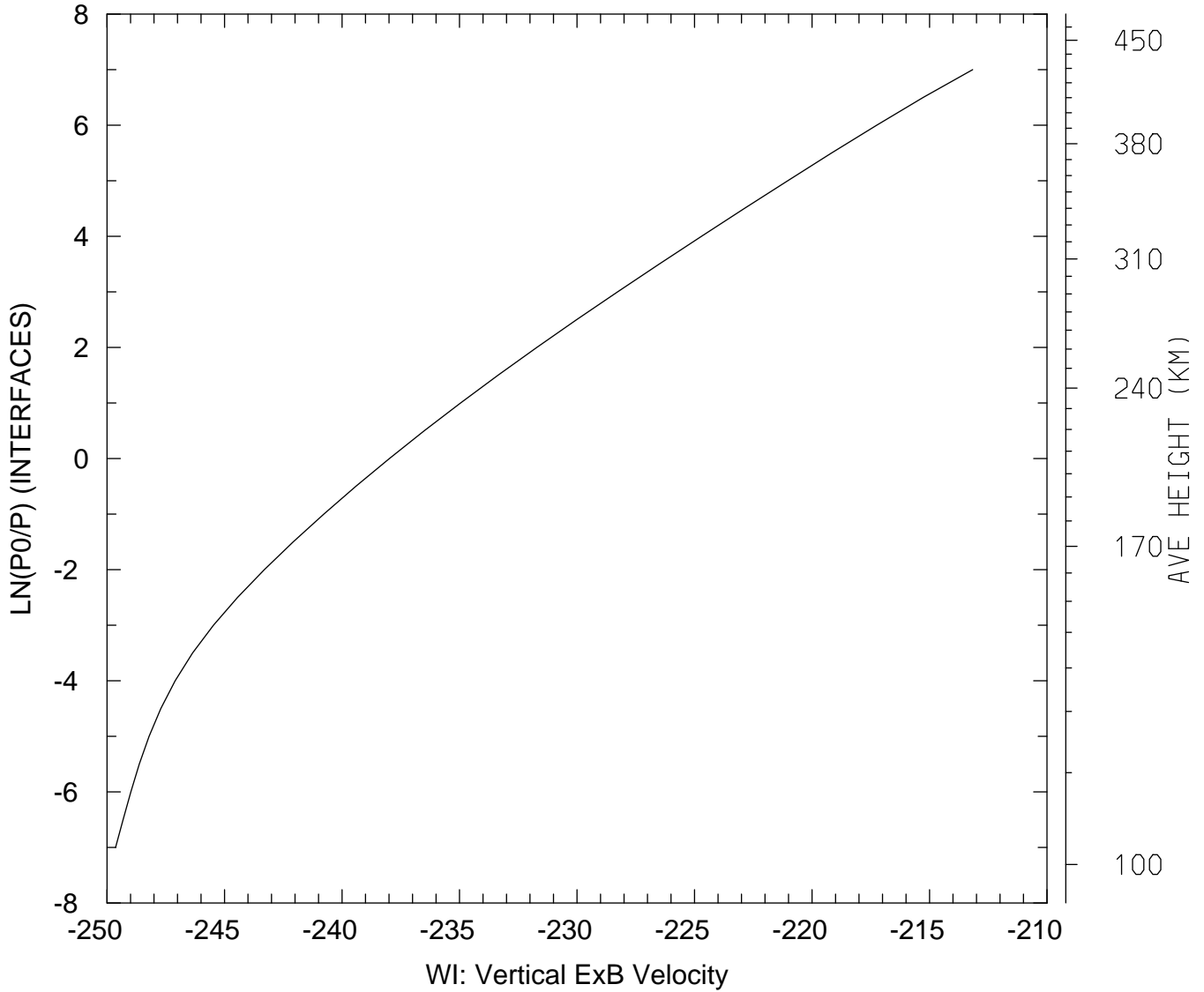


WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



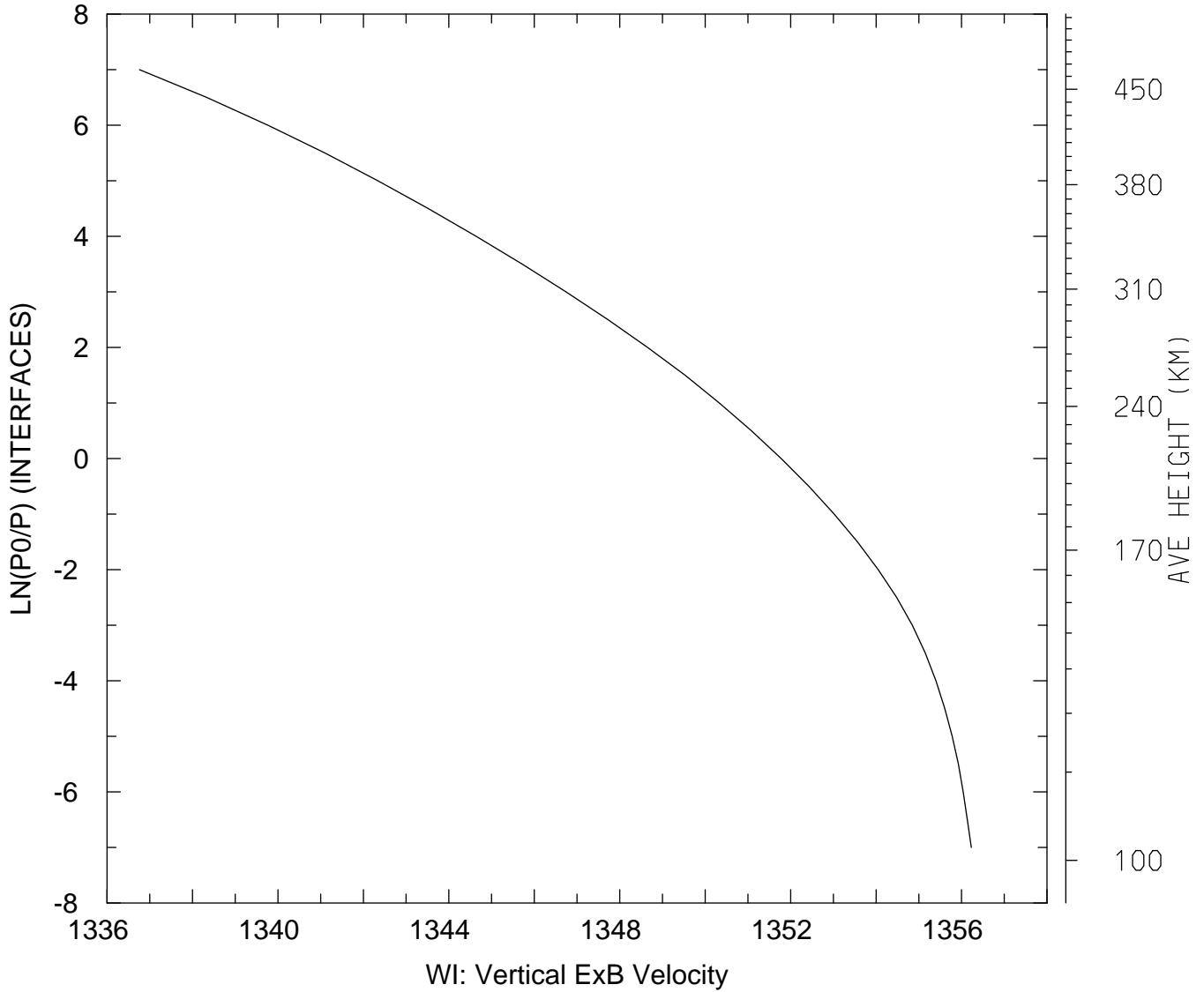
MIN,MAX= -2.4168E+02 -2.1183E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



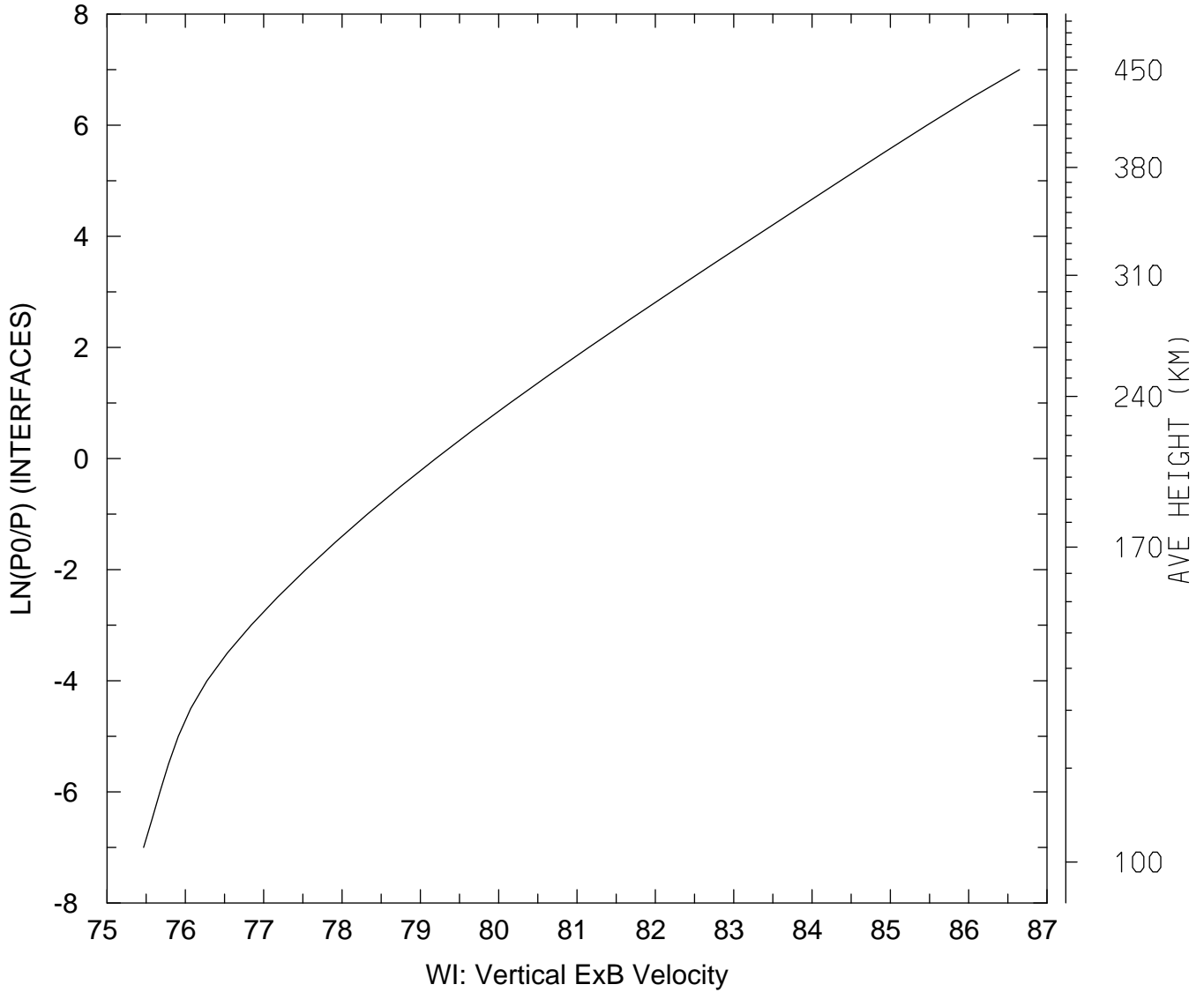
MIN,MAX= -2.4964E+02 -2.1316E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



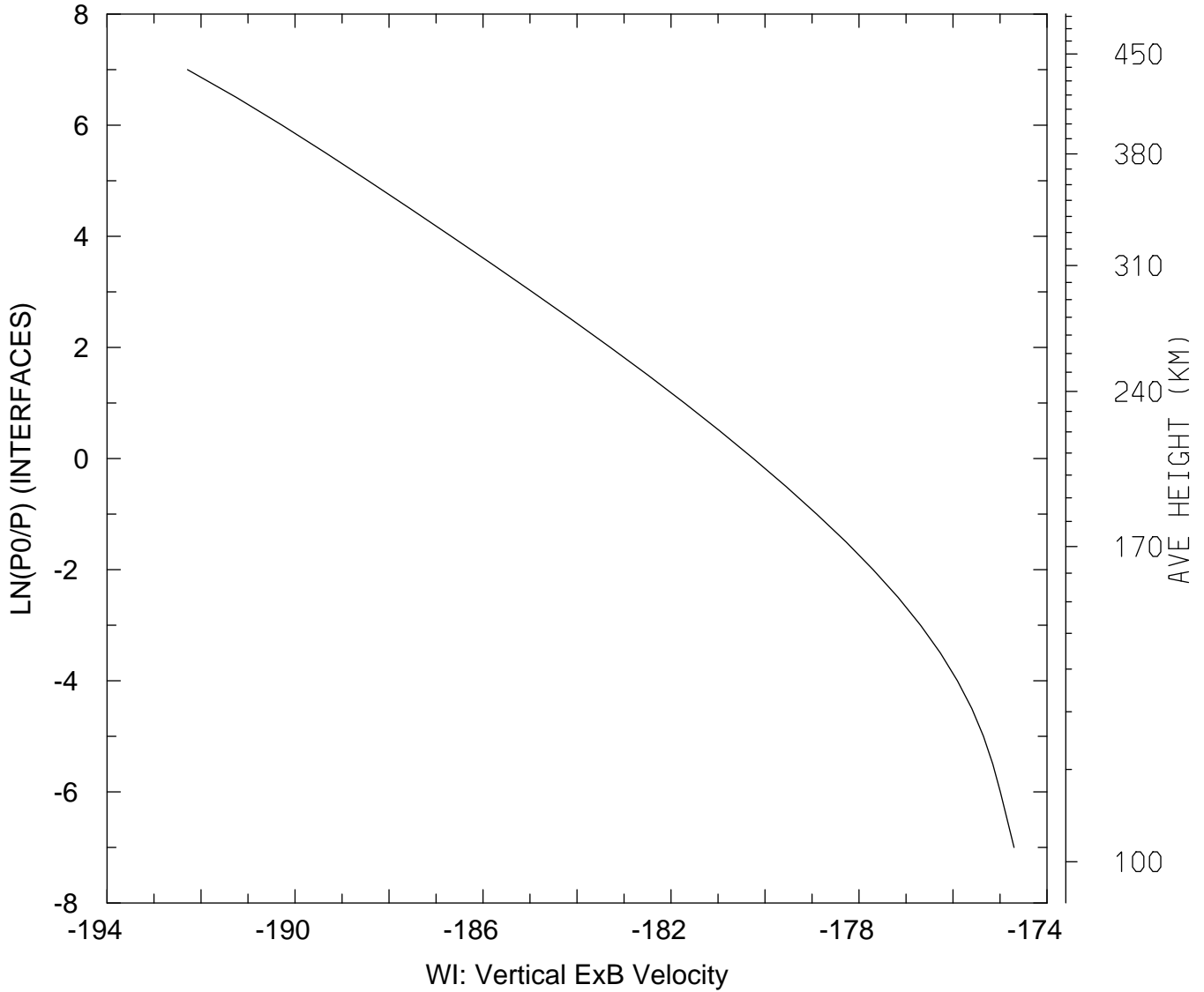
MIN,MAX= 1.3368E+03 1.3562E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



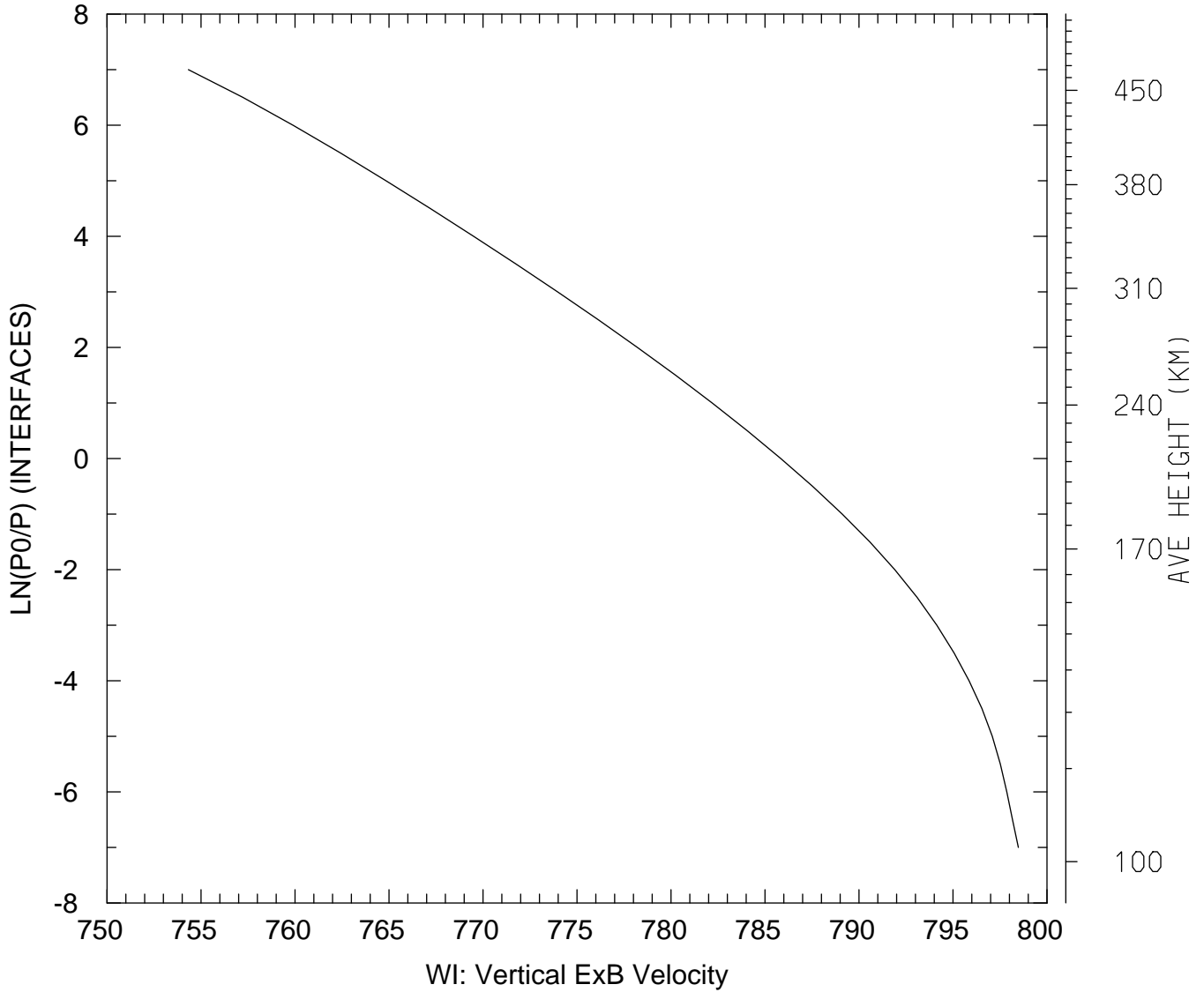
MIN,MAX= 7.5466E+01 8.6649E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



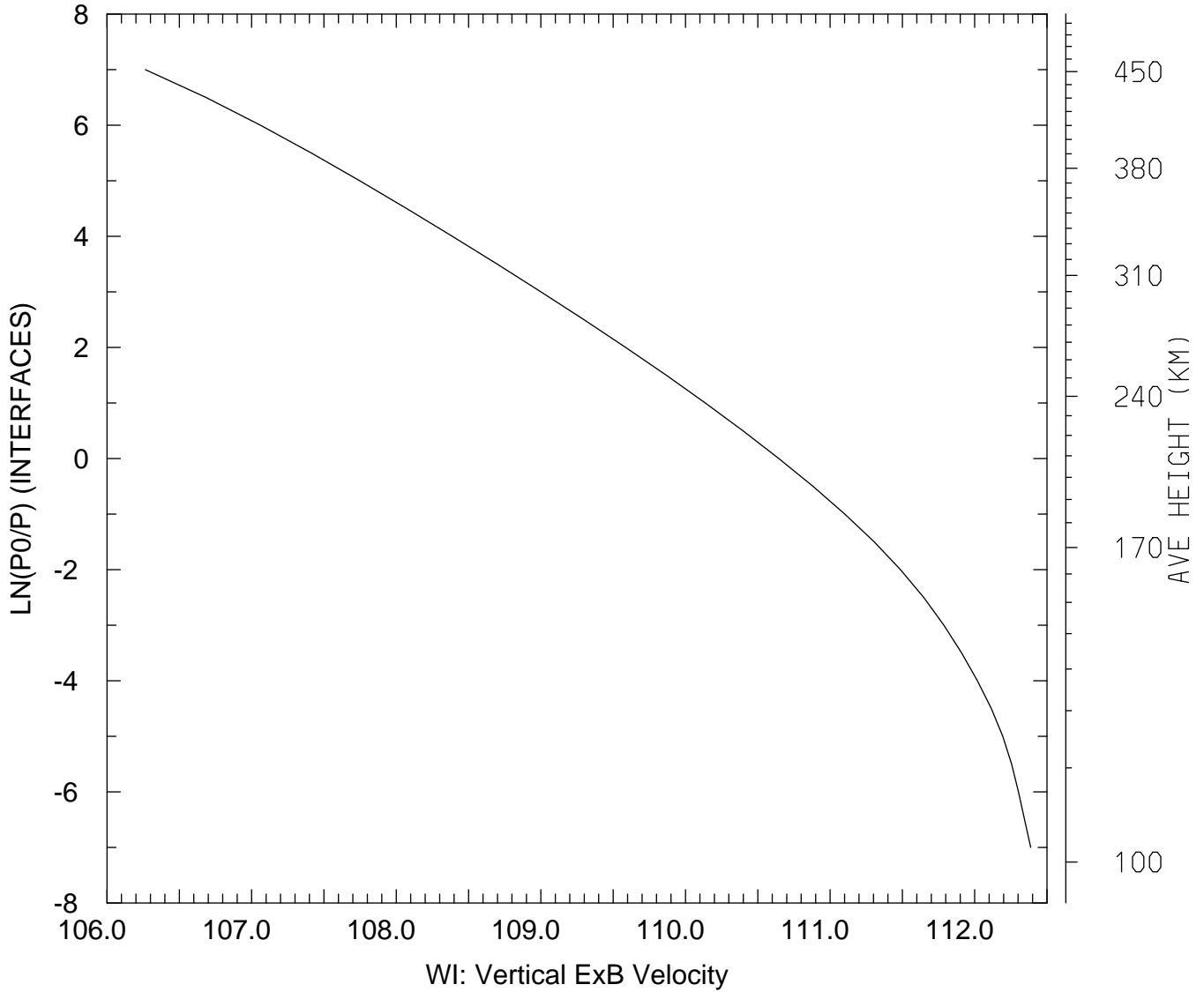
MIN,MAX= -1.9229E+02 -1.7470E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS)



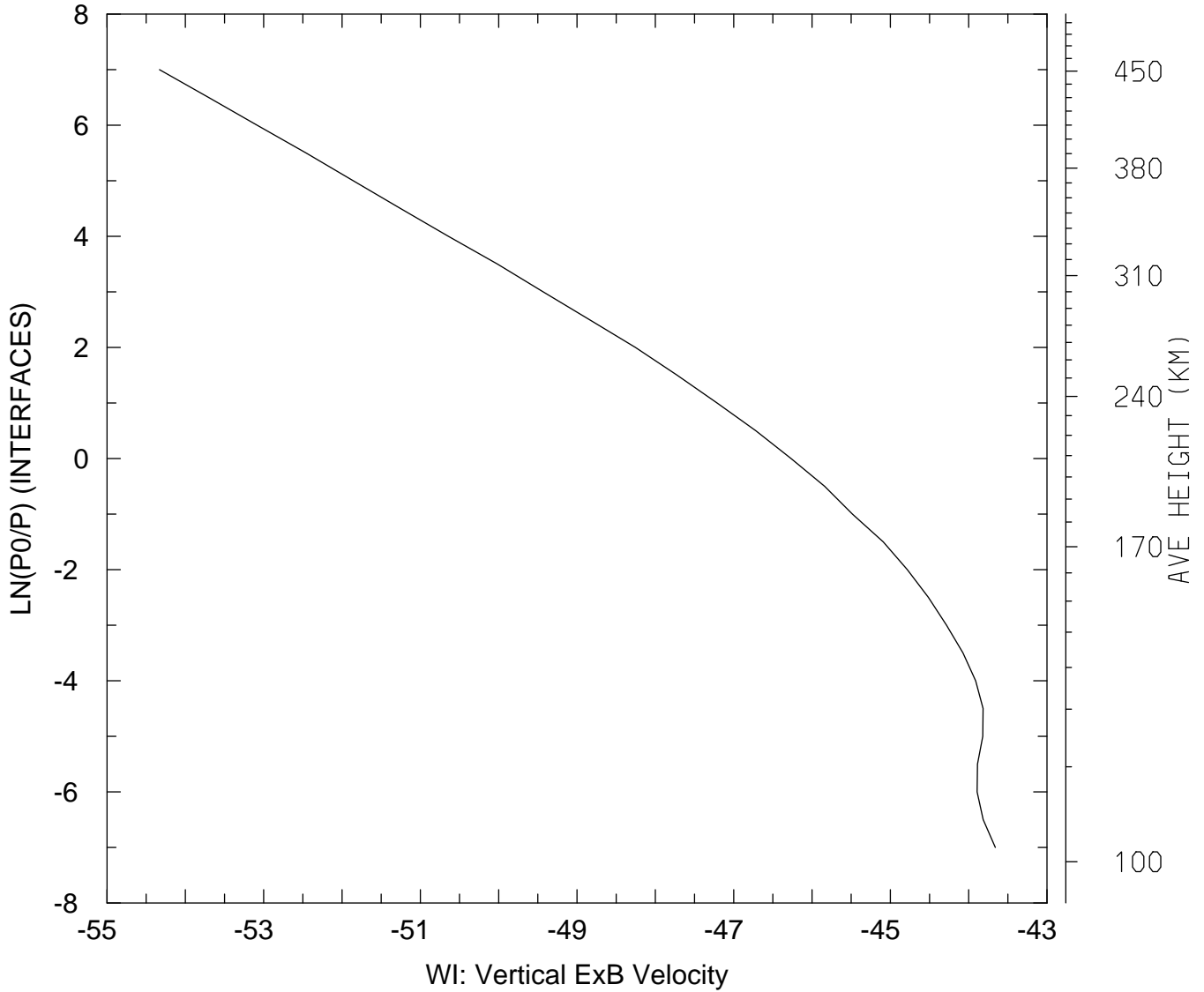
MIN,MAX= 7.5433E+02 7.9848E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 1.0627E+02 1.1239E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

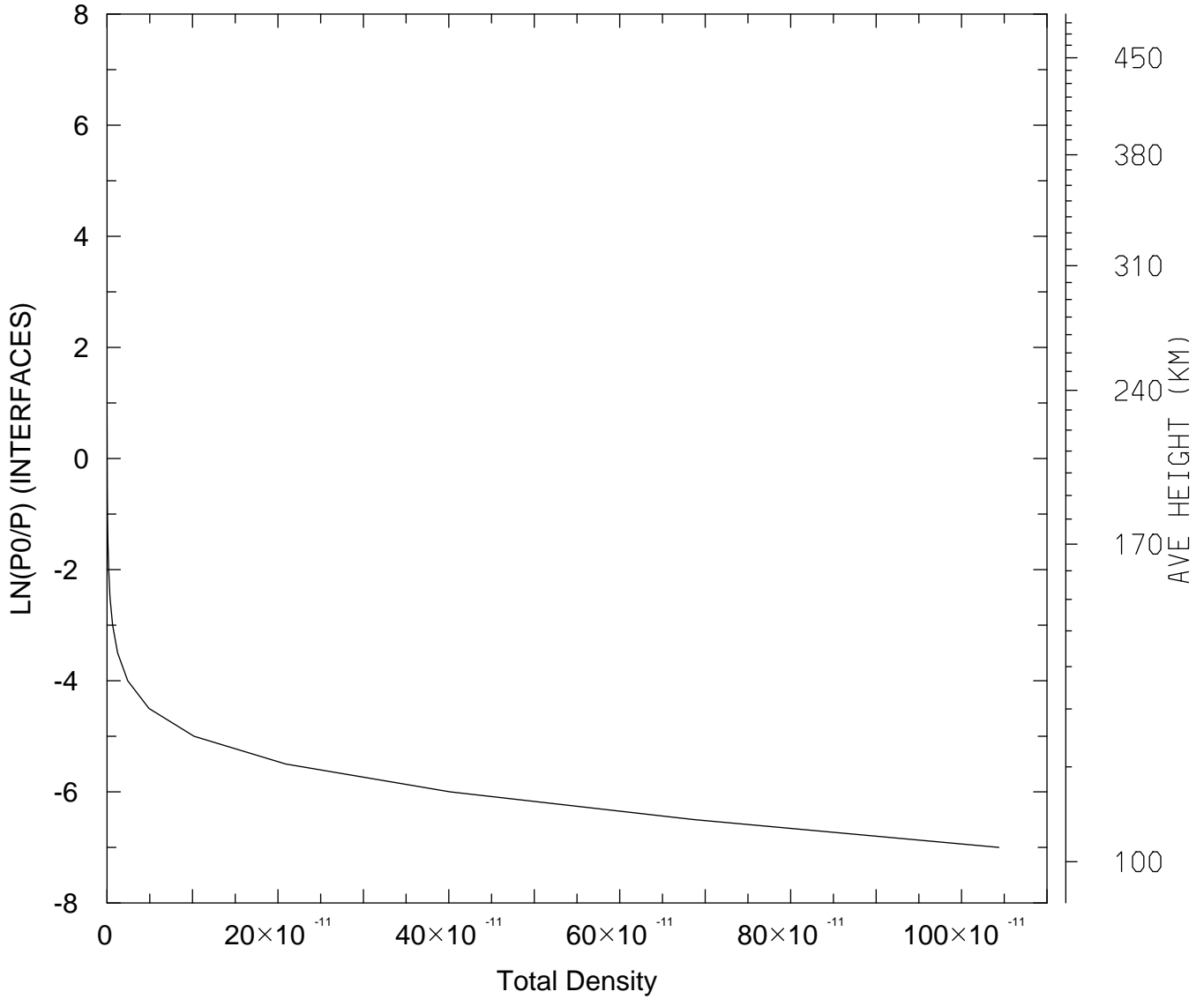
WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
UT= 0.00 GLOBAL MEANS



MIN,MAX= -5.4330E+01 -4.3660E+01  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

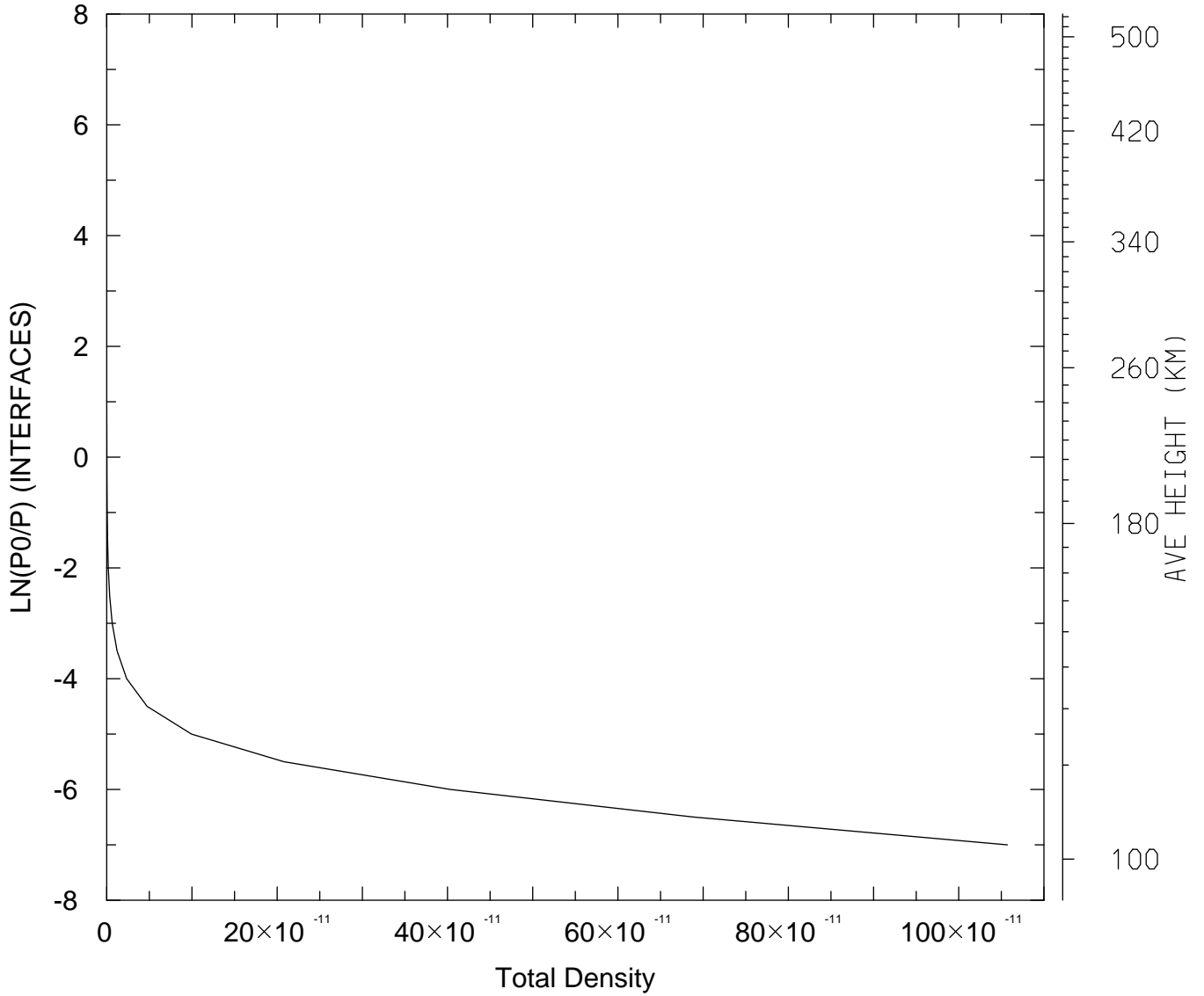


DEN: Total Density (g/cm3)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



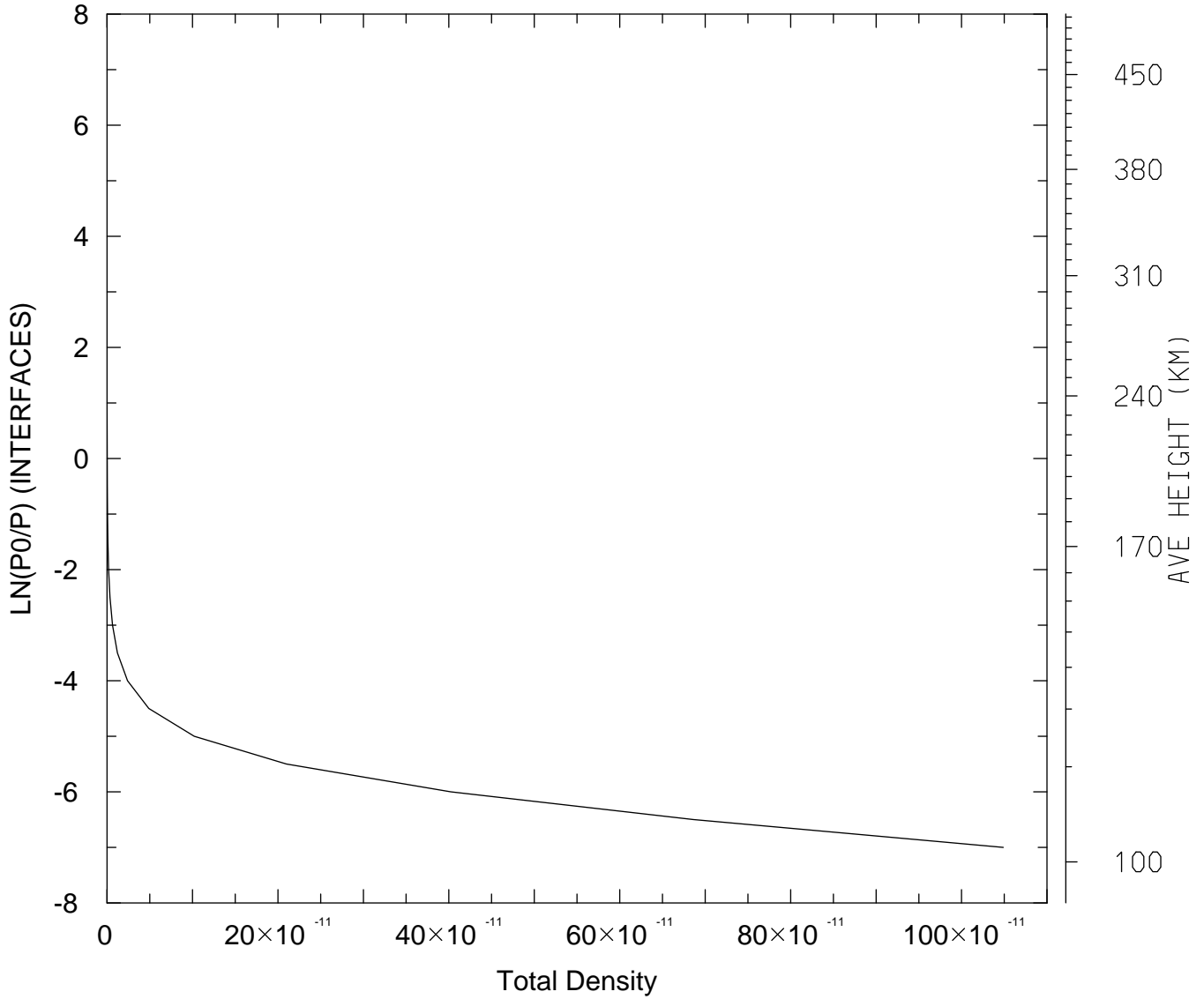
MIN,MAX= 1.4206E-16 1.0437E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



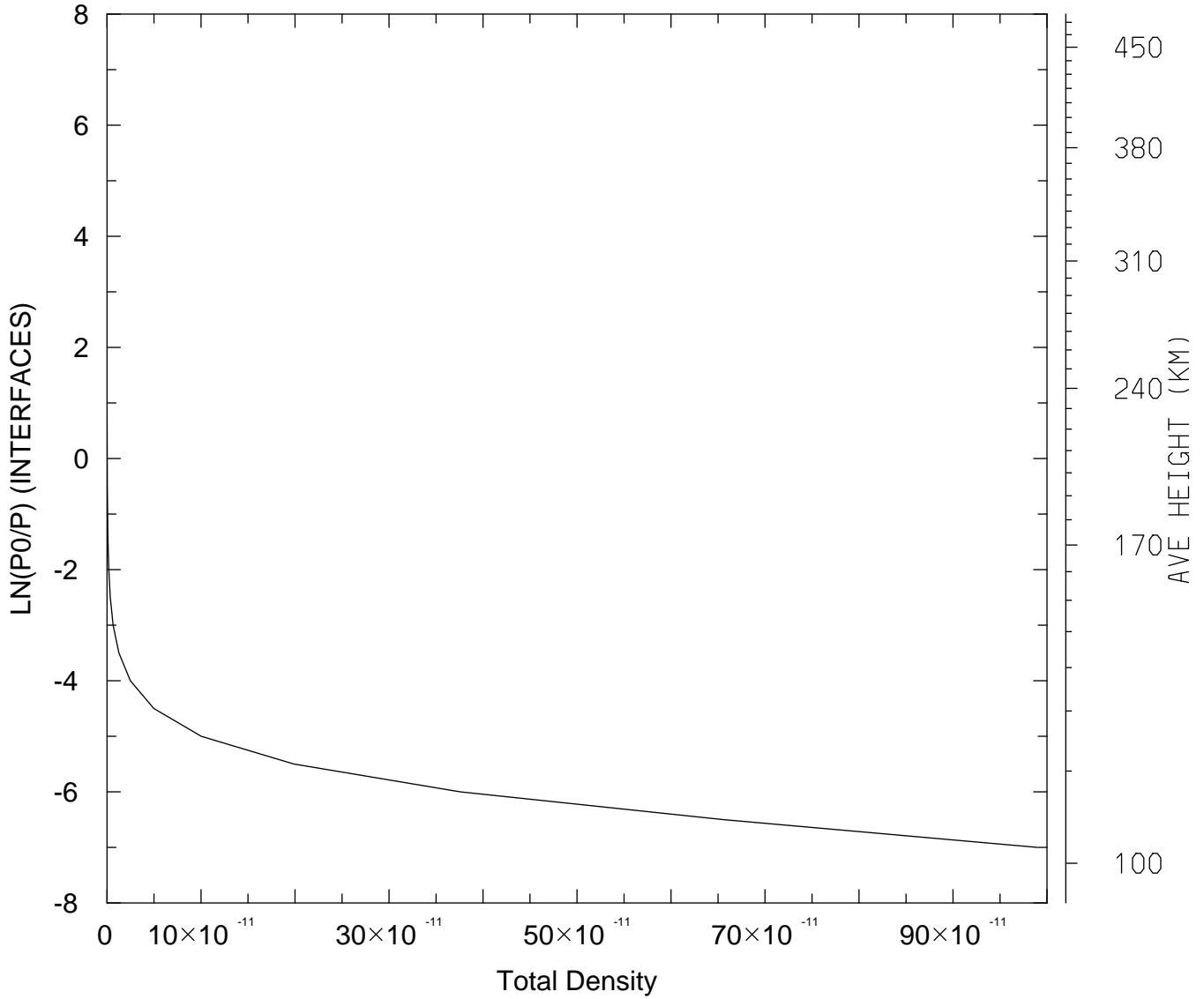
MIN,MAX= 1.2769E-16 1.0571E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



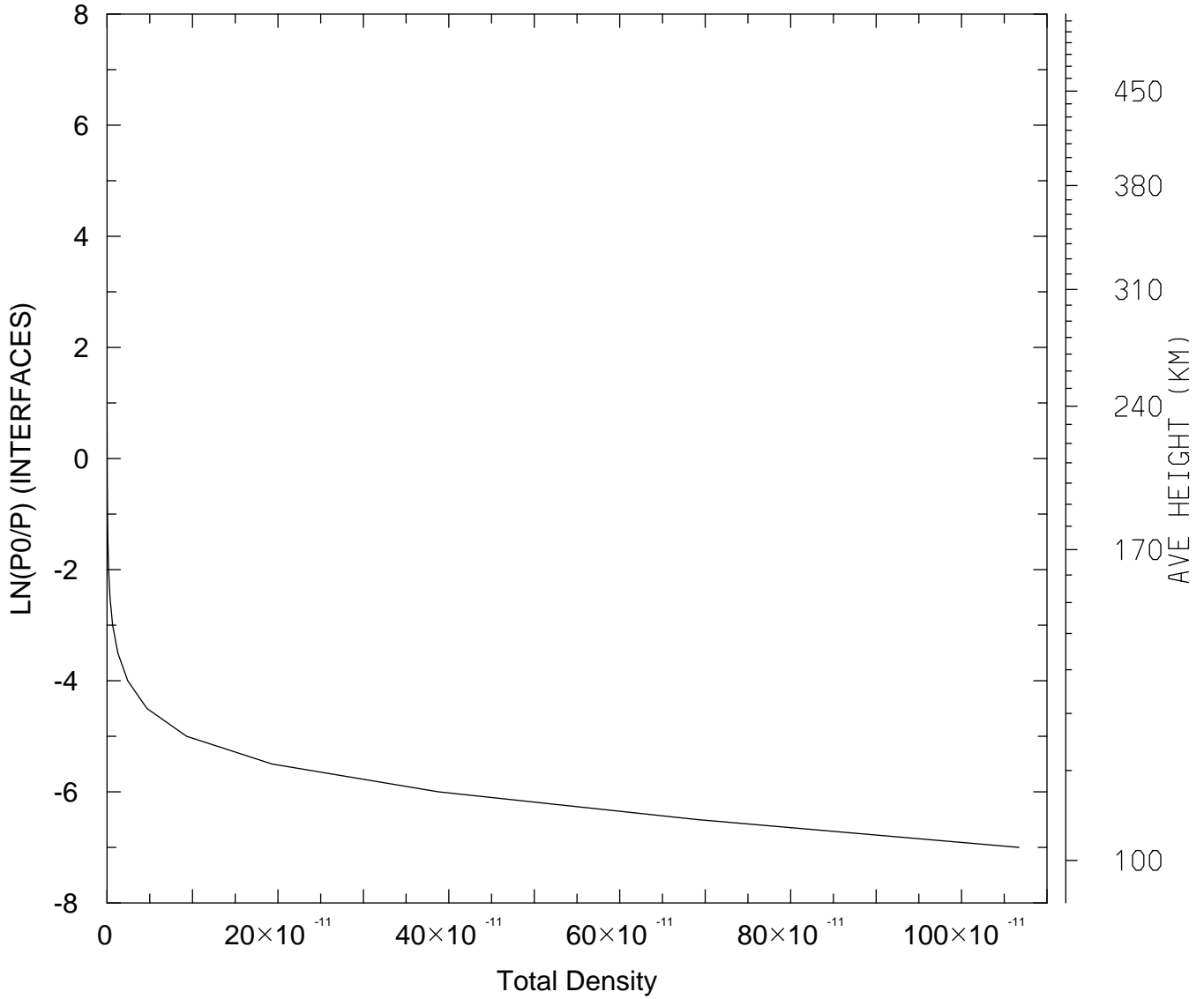
MIN,MAX= 1.4014E-16 1.0488E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



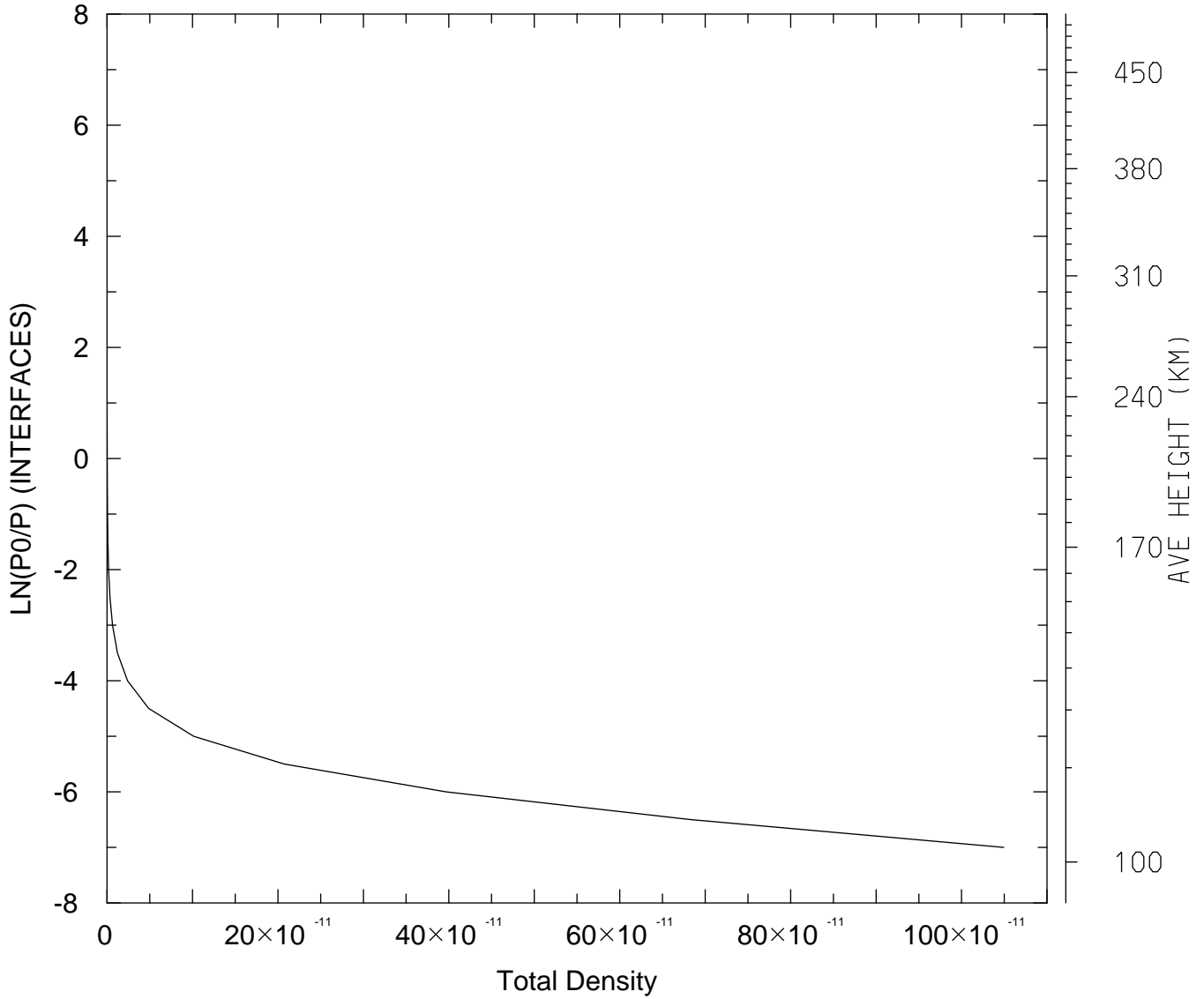
MIN,MAX= 1.5958E-16 9.8975E-10  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



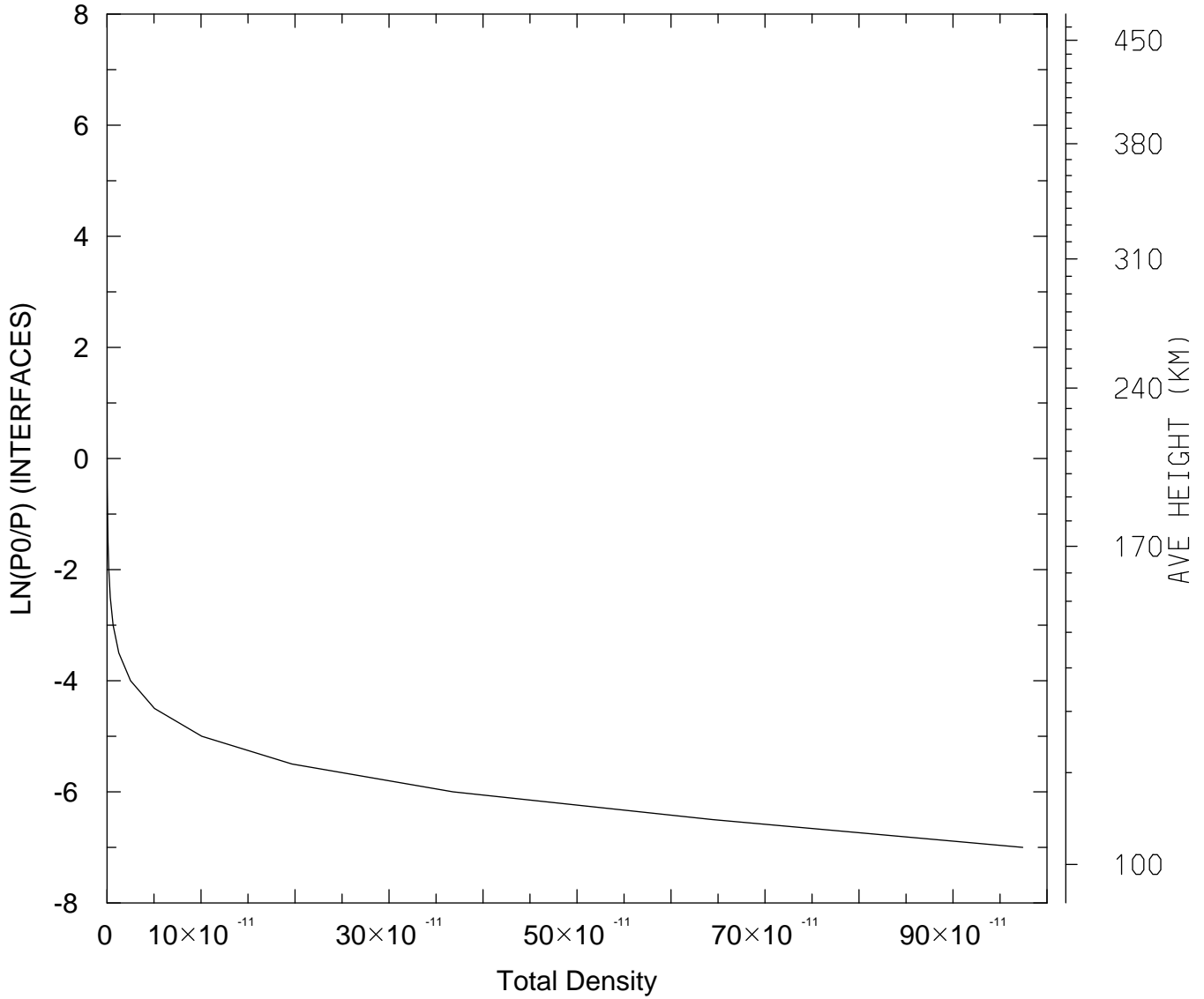
MIN,MAX= 1.4009E-16 1.0671E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



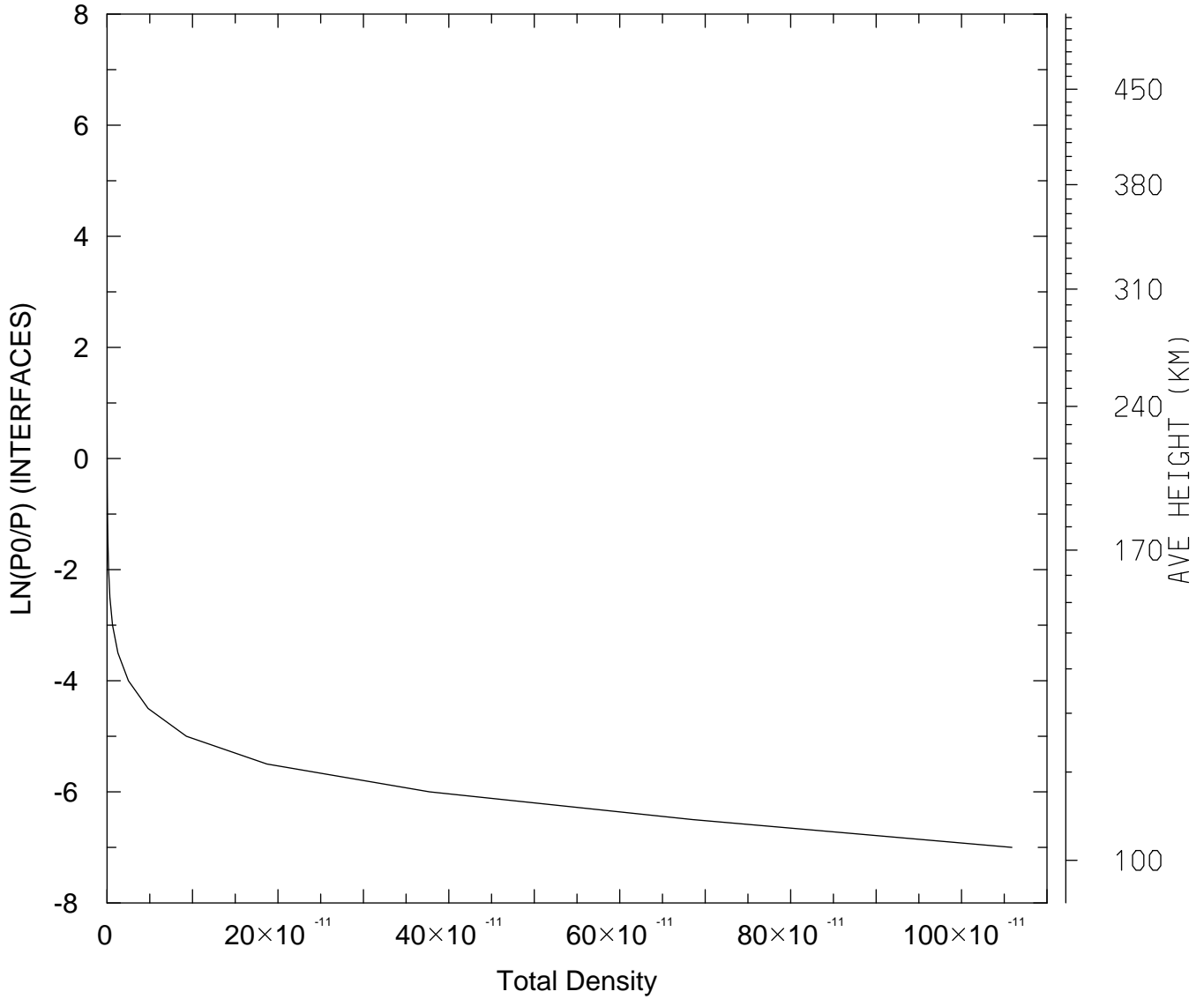
MIN,MAX= 1.4582E-16 1.0494E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 1.7331E-16 9.7416E-10  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

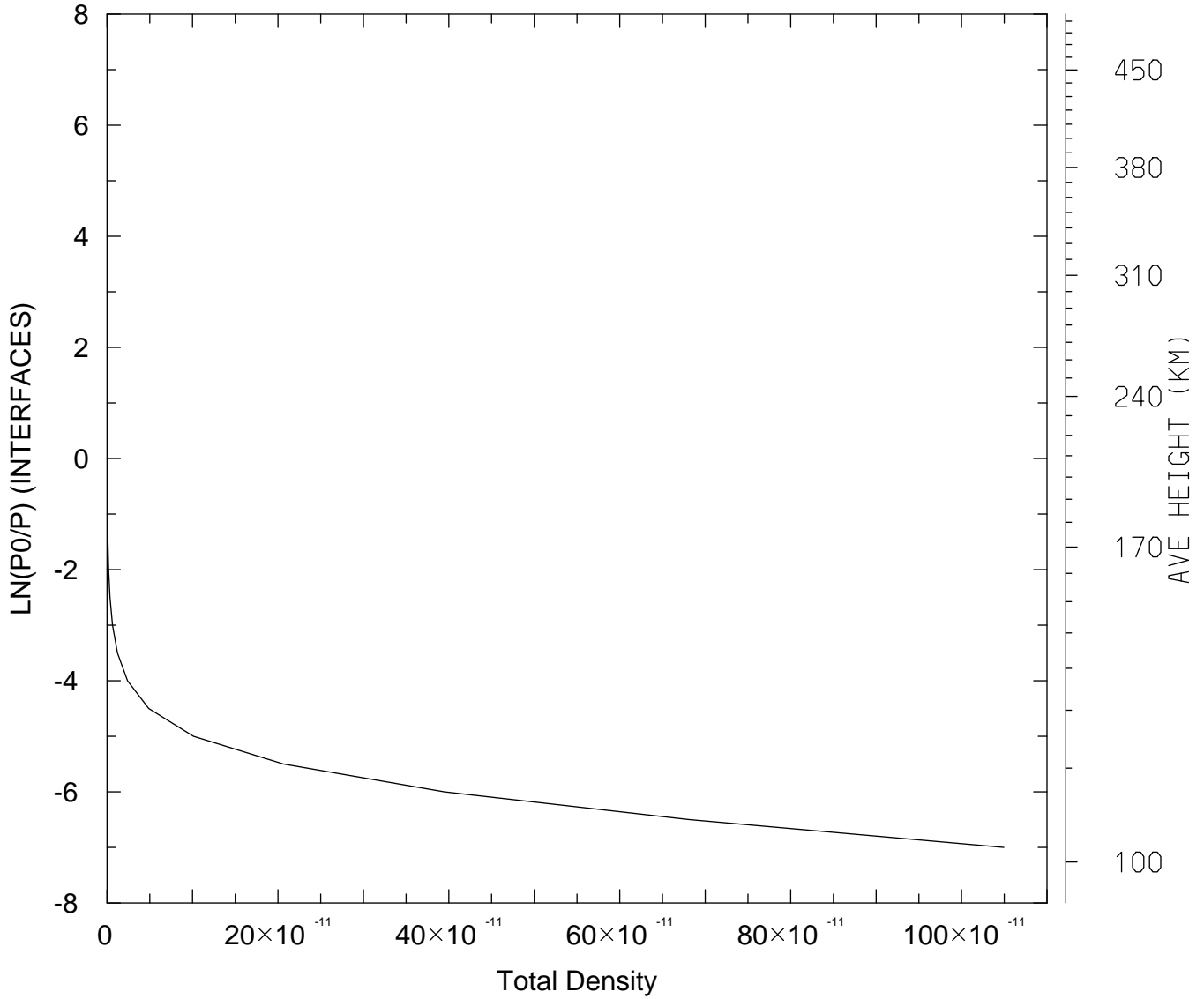
DEN: Total Density (g/cm3)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



MIN,MAX= 1.4583E-16 1.0589E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

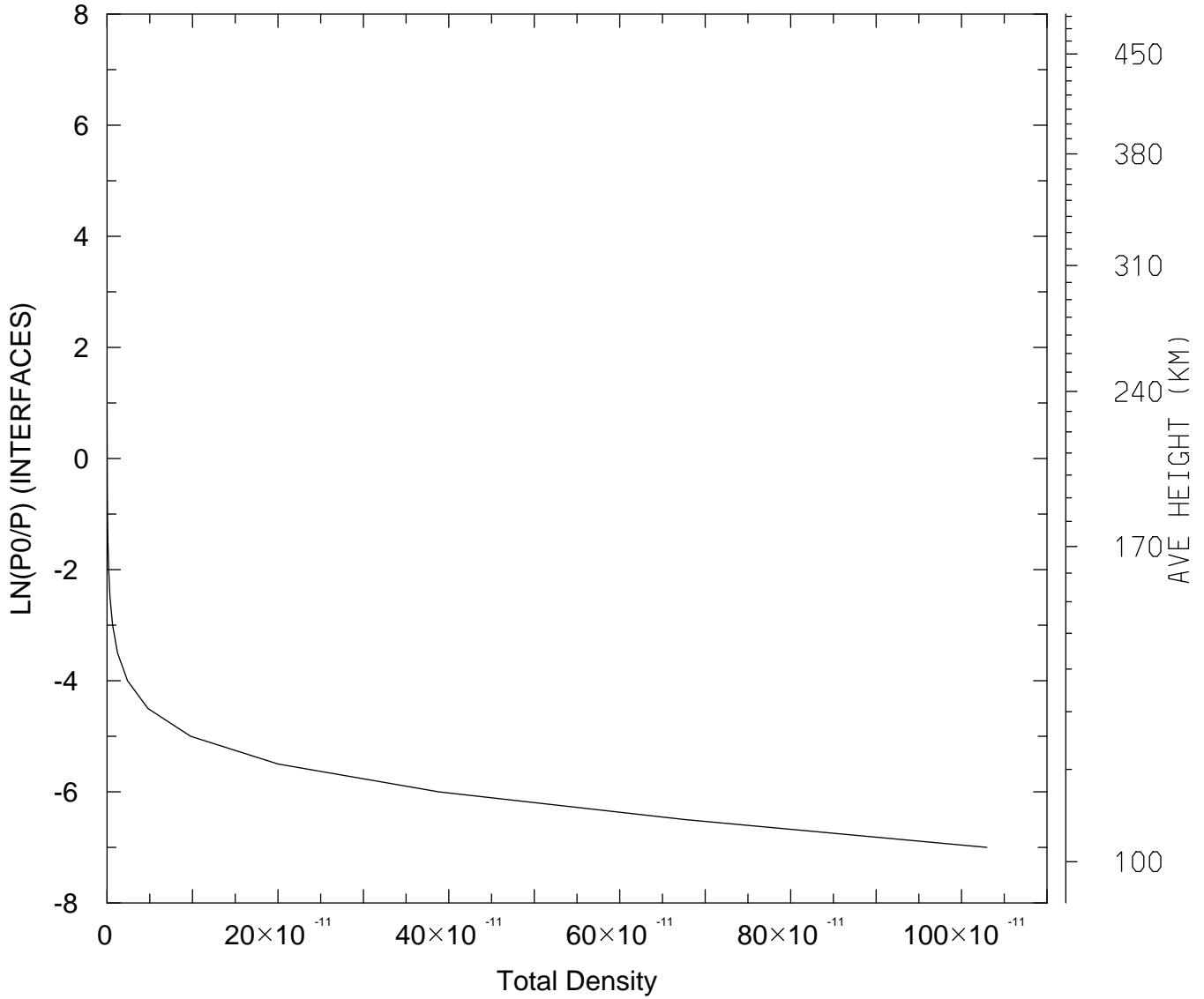


DEN: Total Density (g/cm3)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



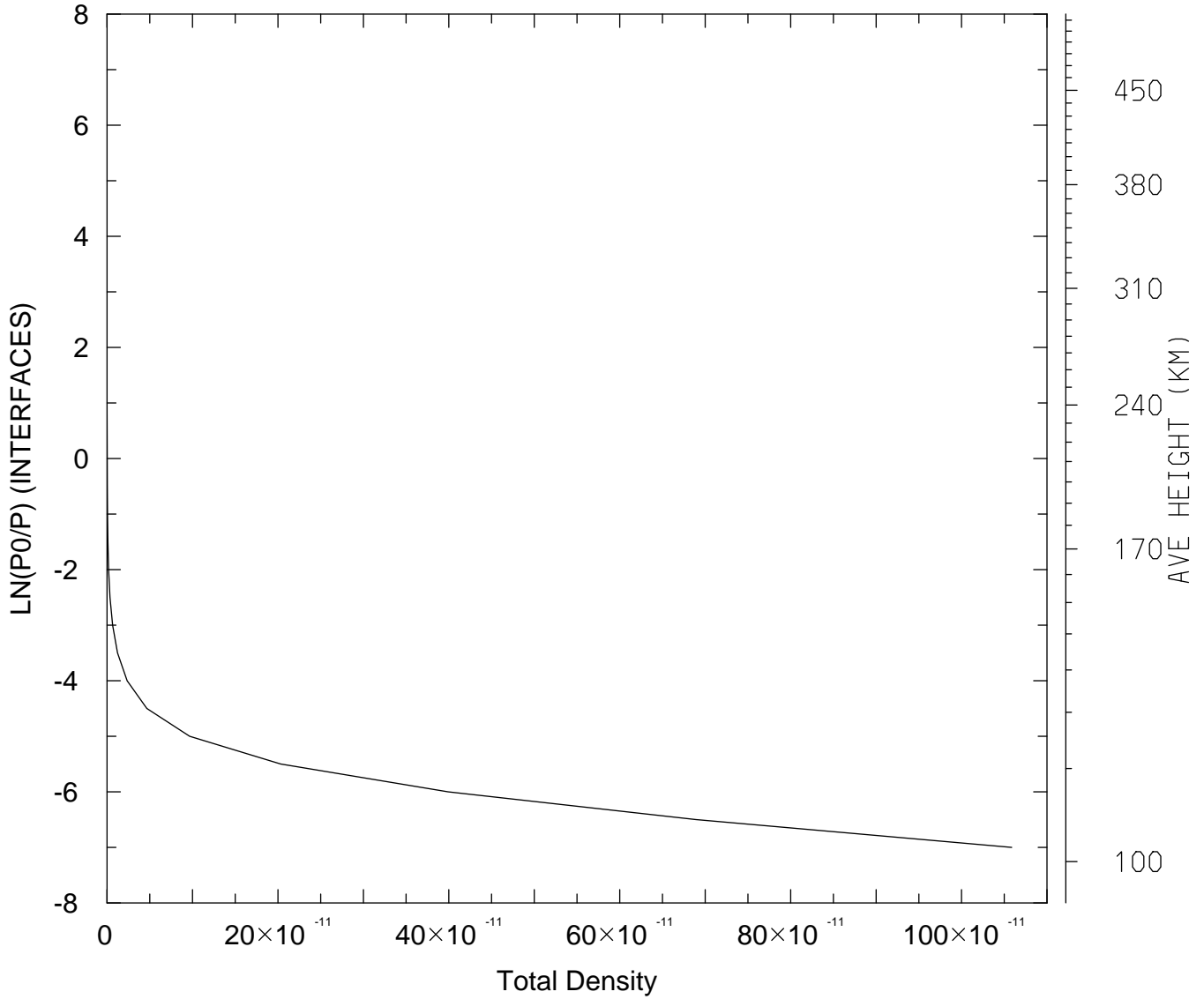
MIN,MAX= 1.5227E-16 1.0495E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



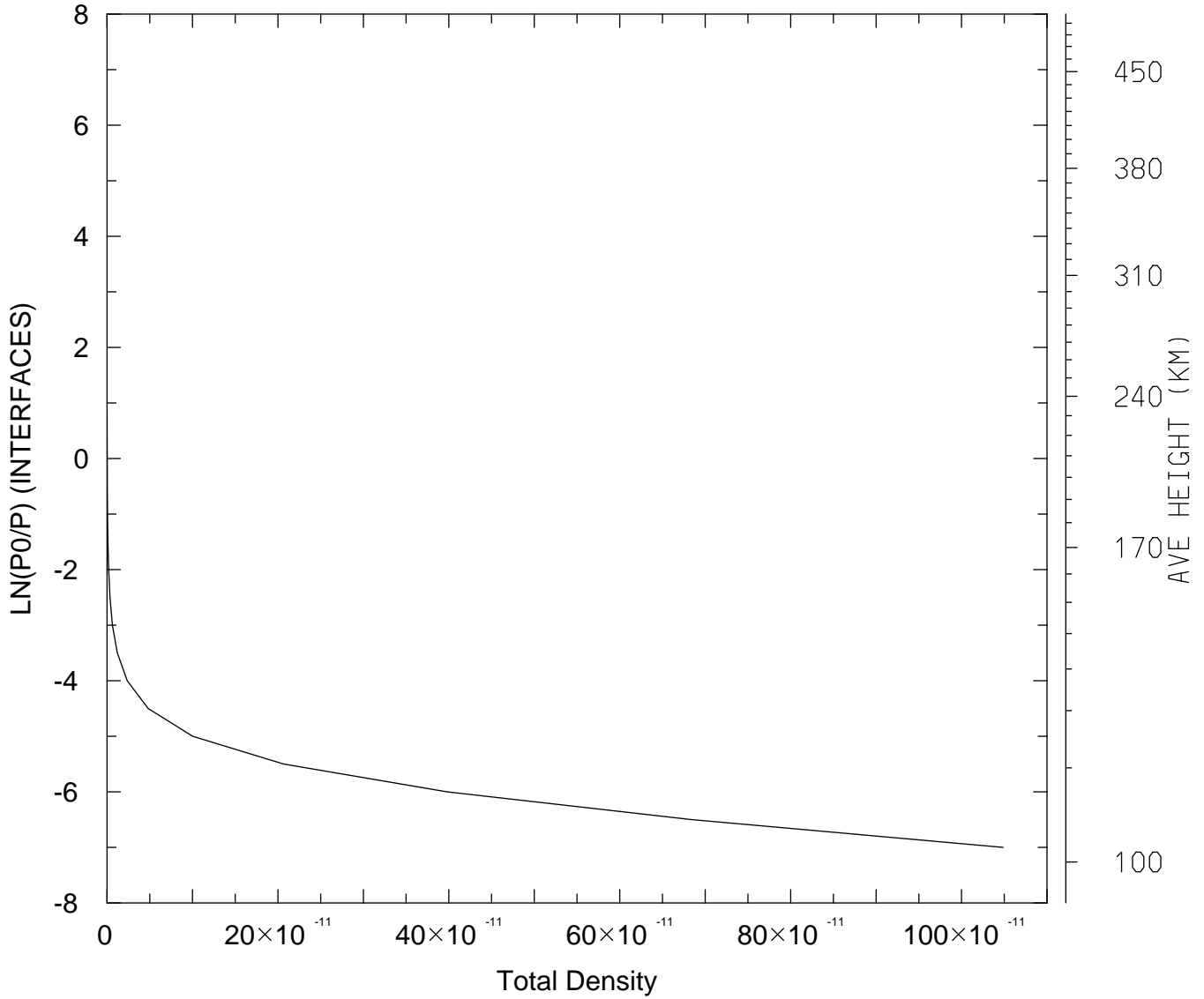
MIN,MAX= 1.5928E-16 1.0297E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

DEN: Total Density (g/cm3)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



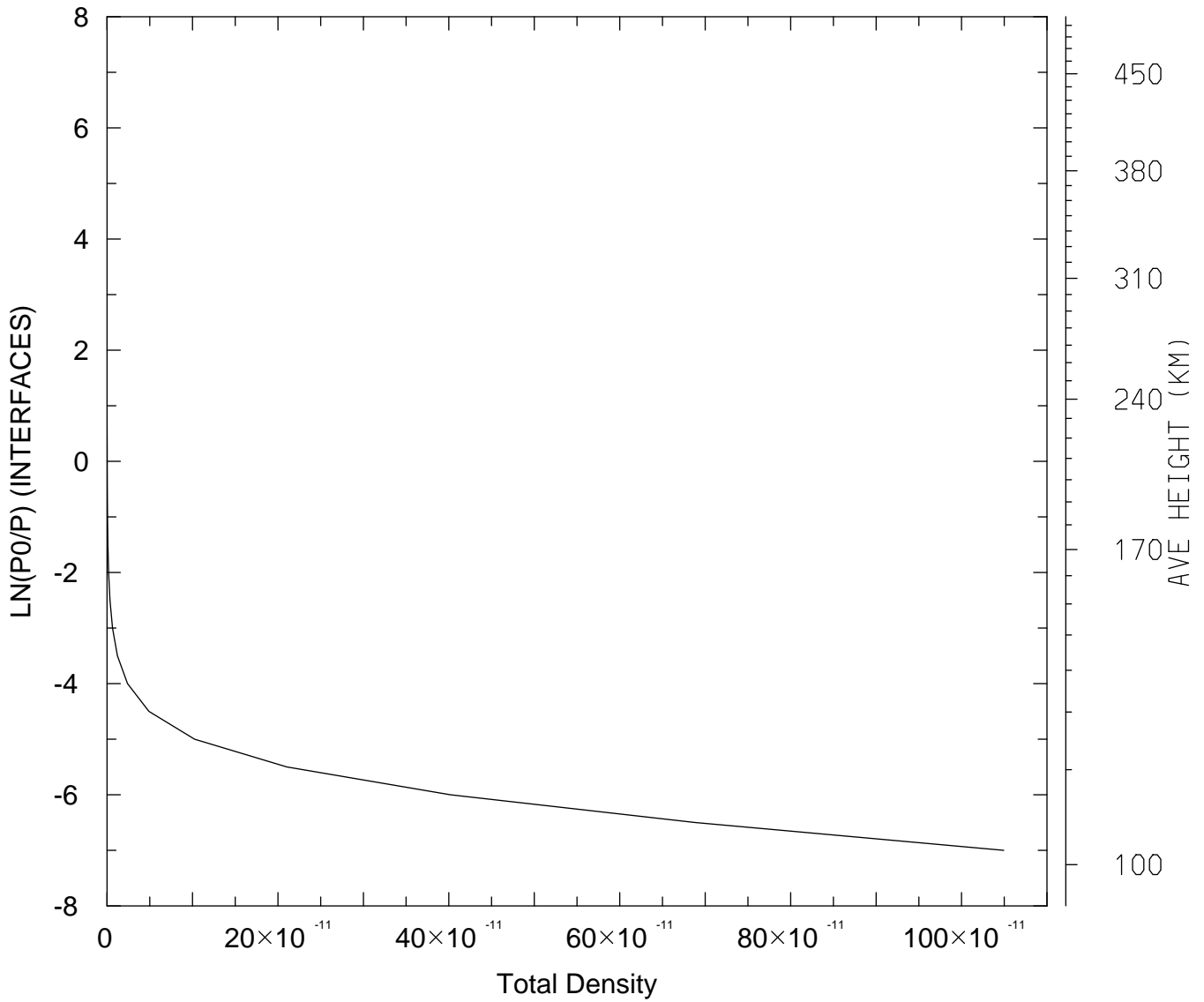
MIN,MAX= 1.4061E-16 1.0587E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



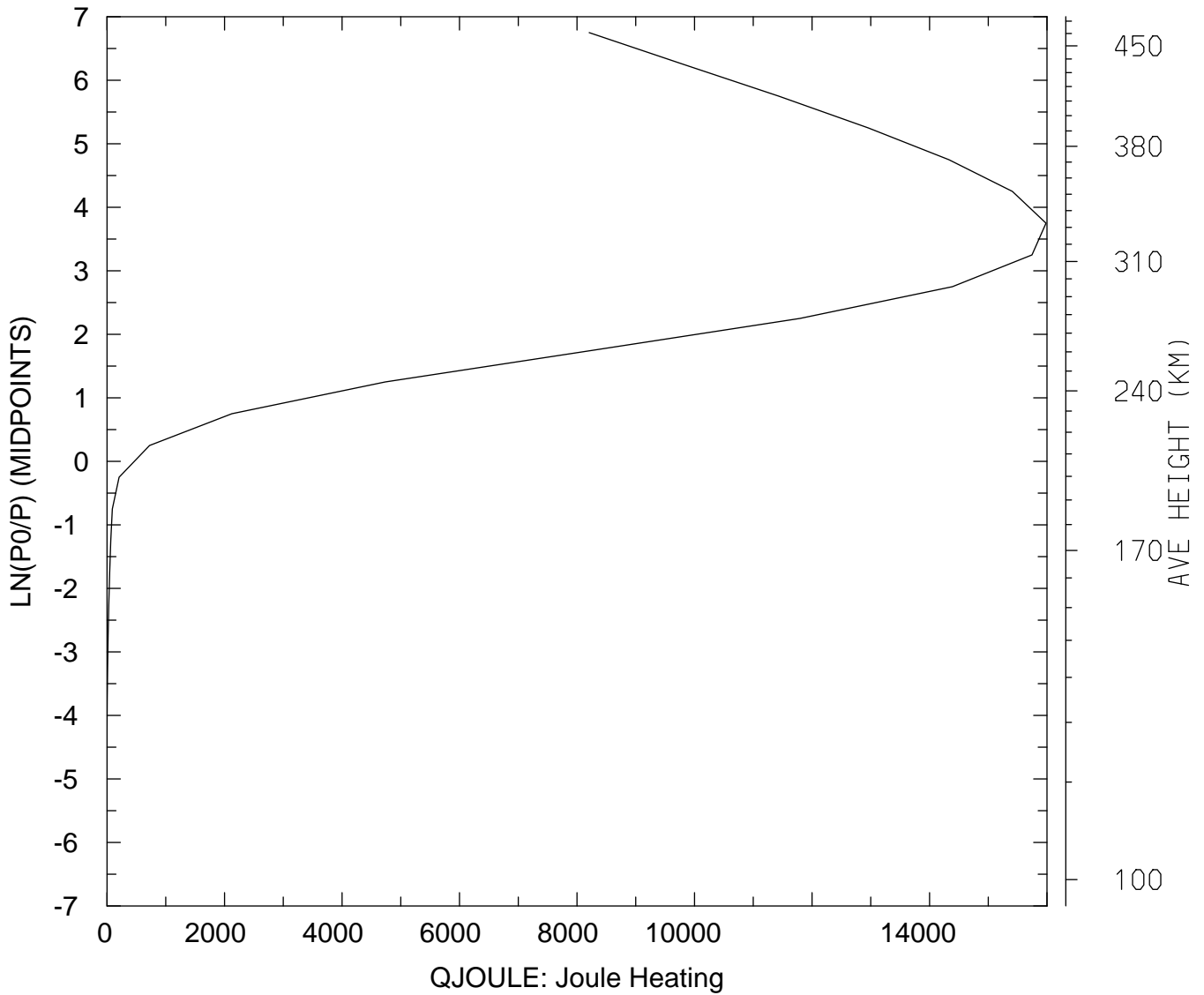
MIN,MAX= 1.5003E-16 1.0487E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



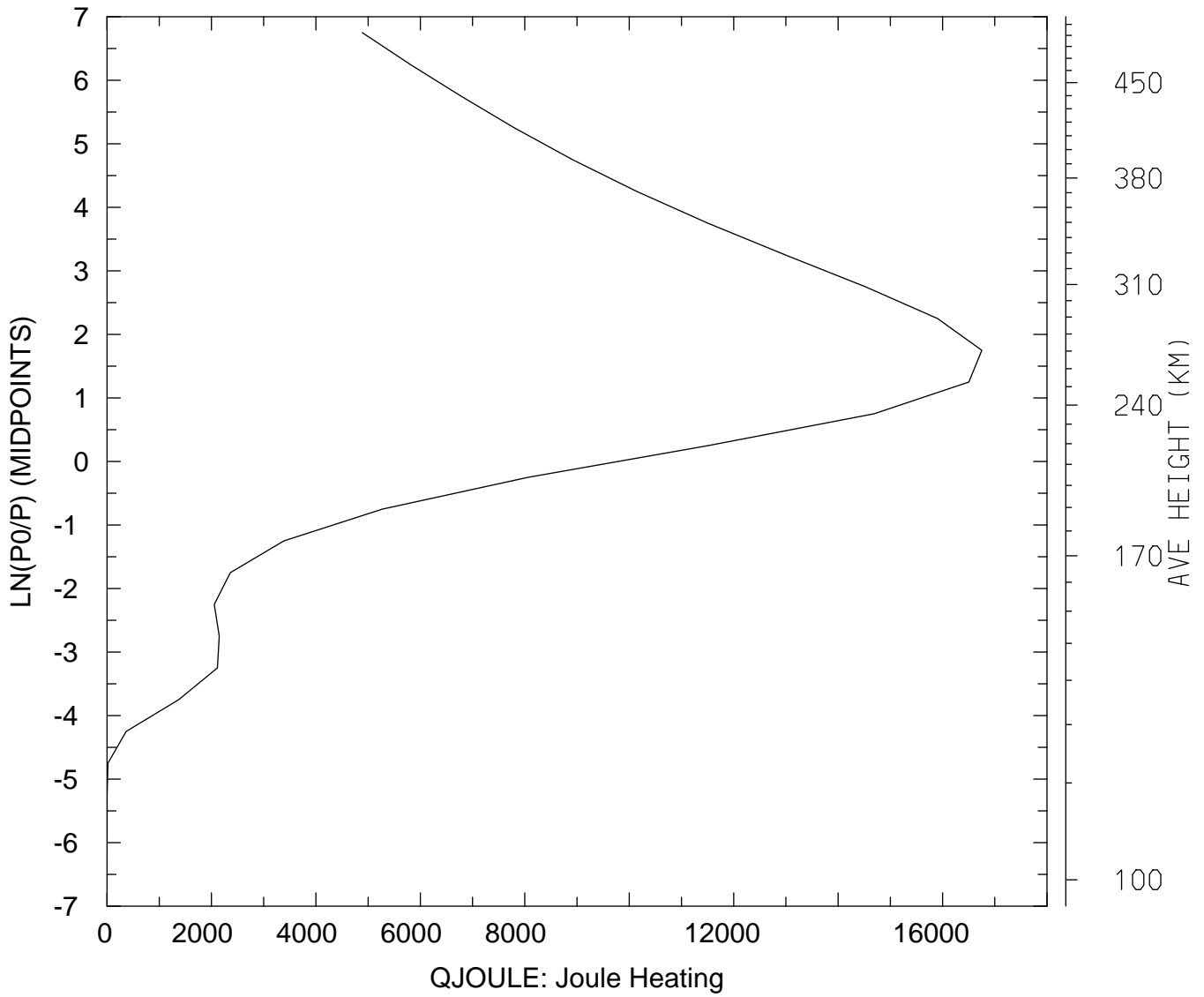
MIN,MAX= 1.5003E-16 1.0494E-09  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



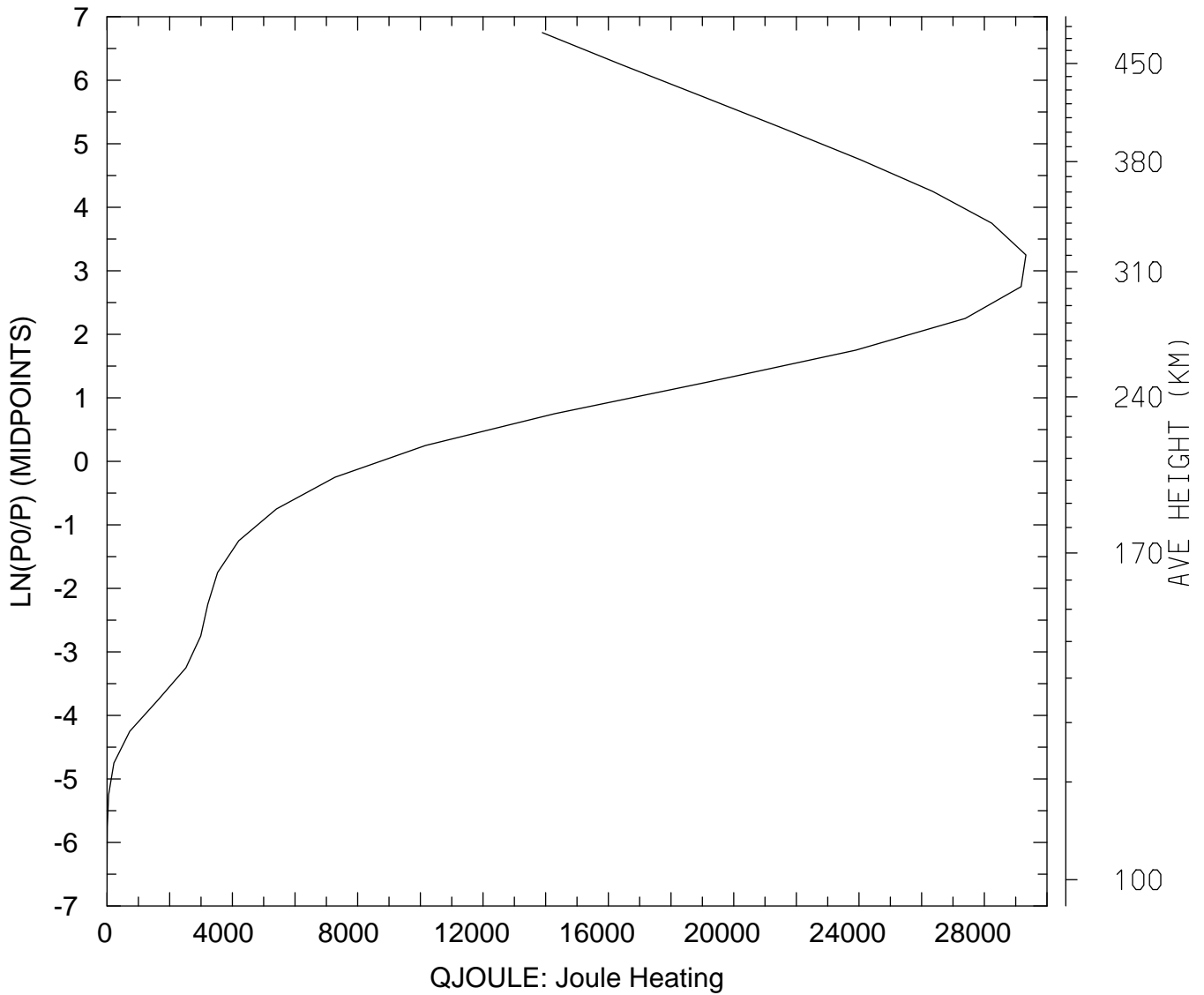
MIN,MAX= 1.4314E-02 1.5983E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



MIN,MAX= 1.0732E-01 1.6751E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

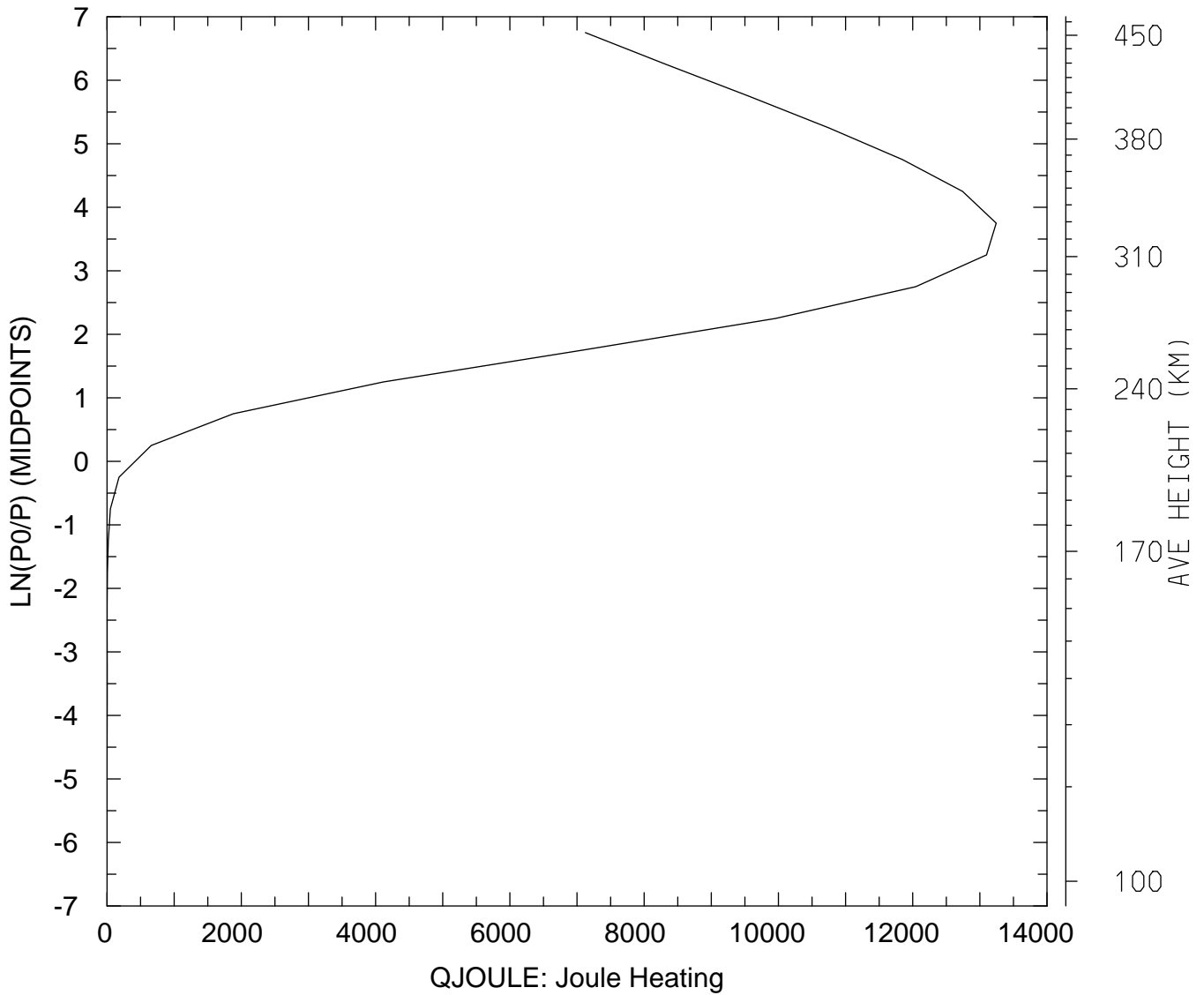
QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



MIN,MAX= 5.2126E-01 2.9325E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

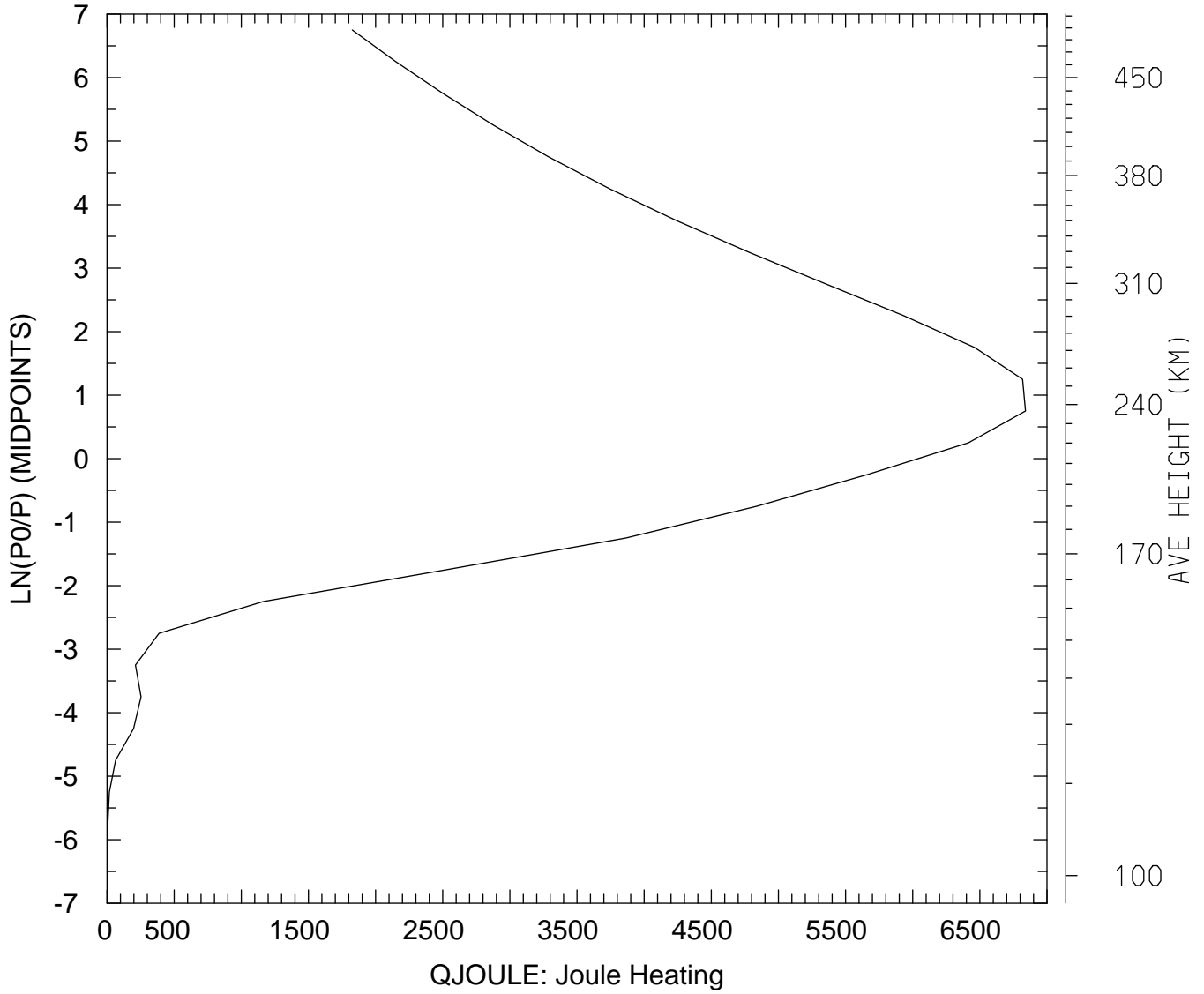


QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



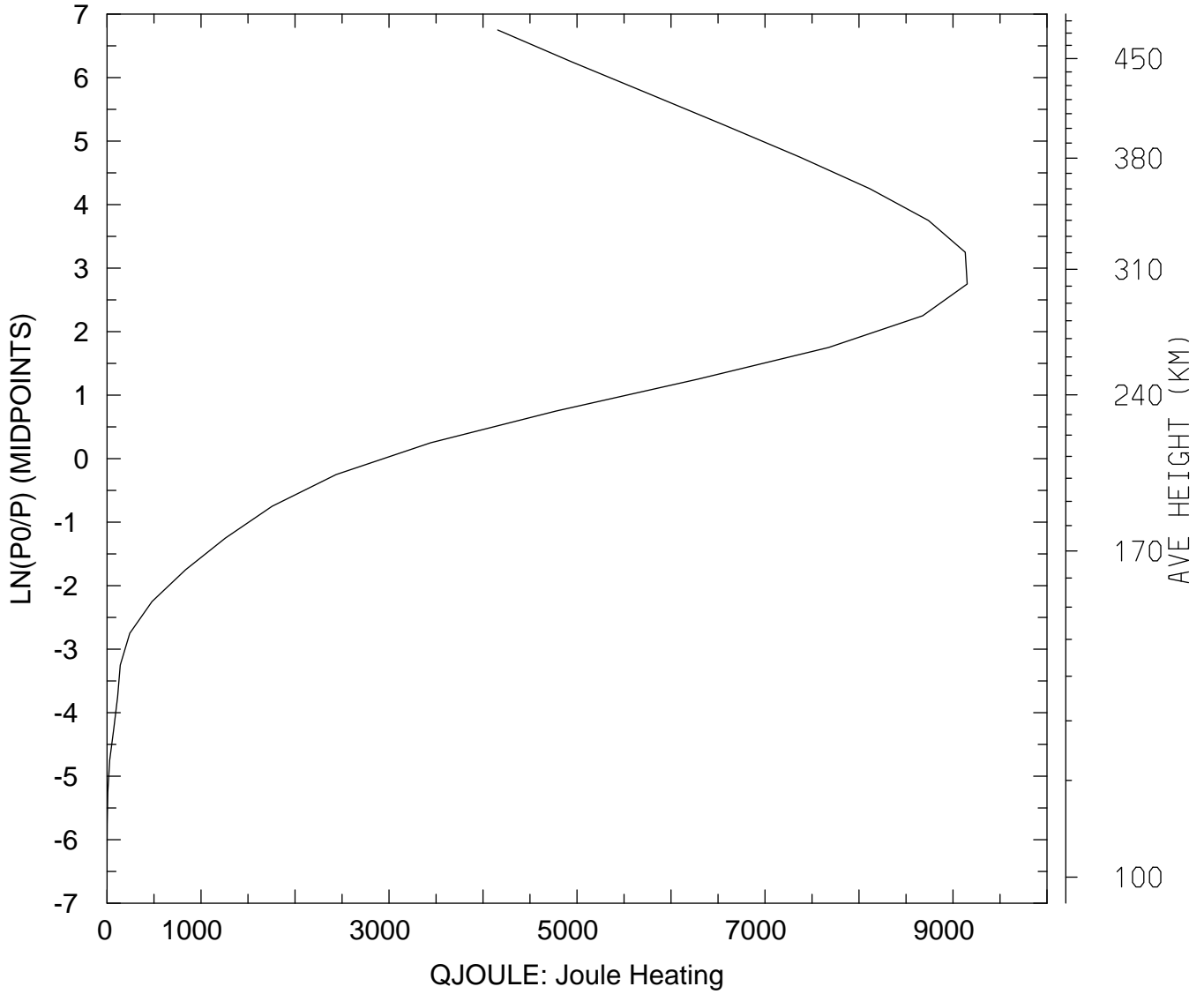
MIN,MAX= 1.4270E-03 1.3243E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



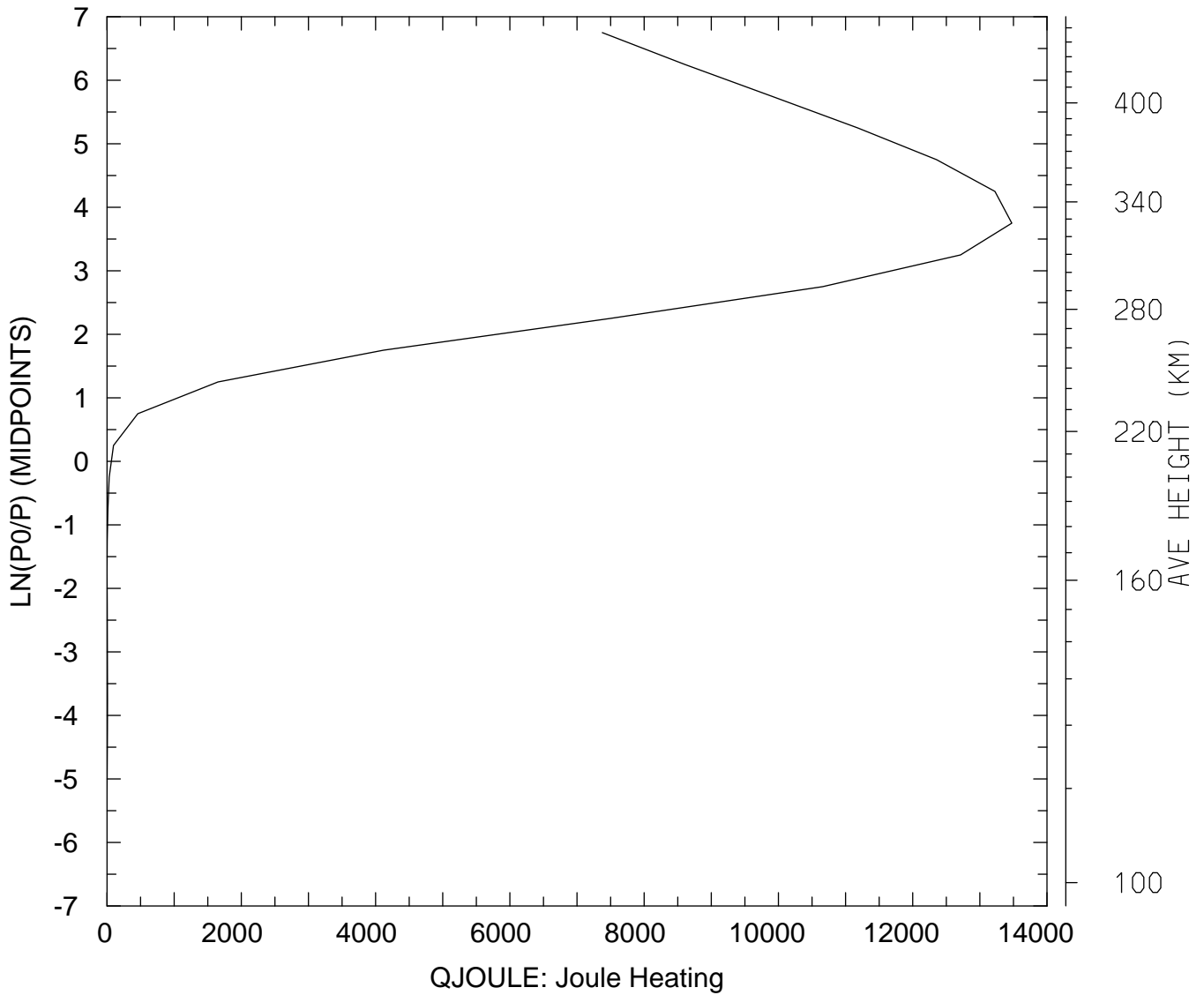
MIN,MAX= 6.1855E-01 6.8400E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



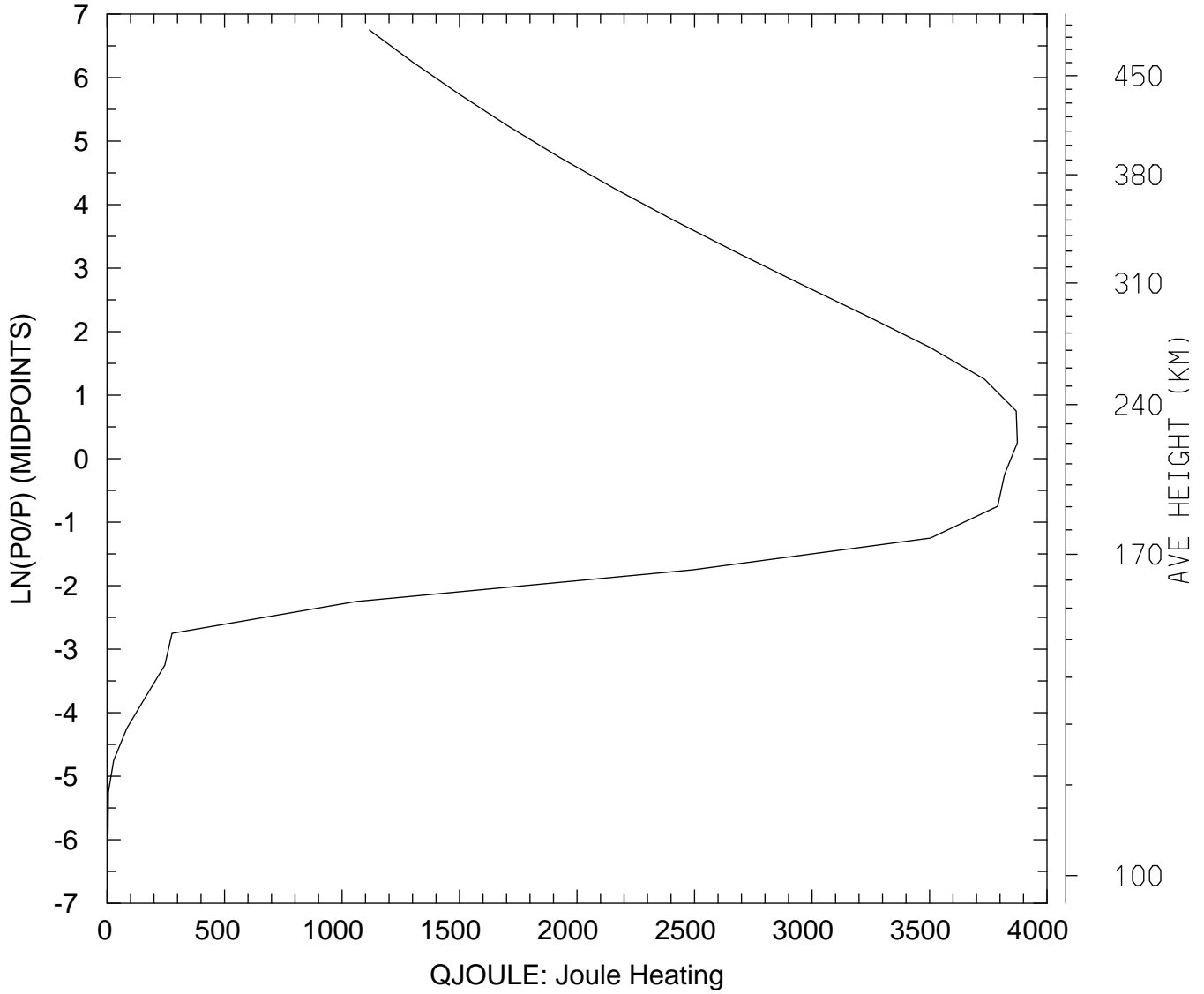
MIN,MAX= 1.6653E-01 9.1509E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



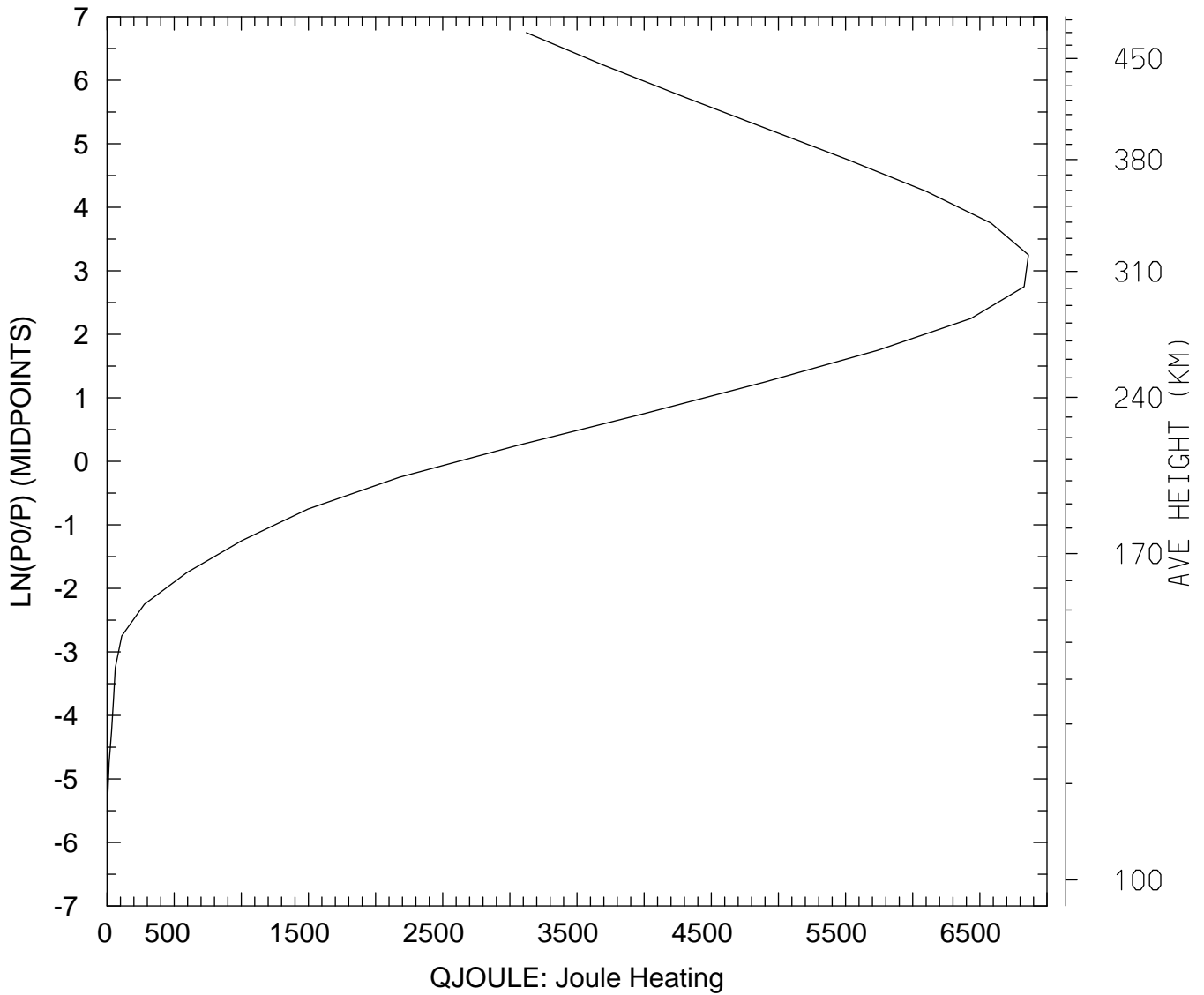
MIN,MAX= 9.1457E-03 1.3475E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



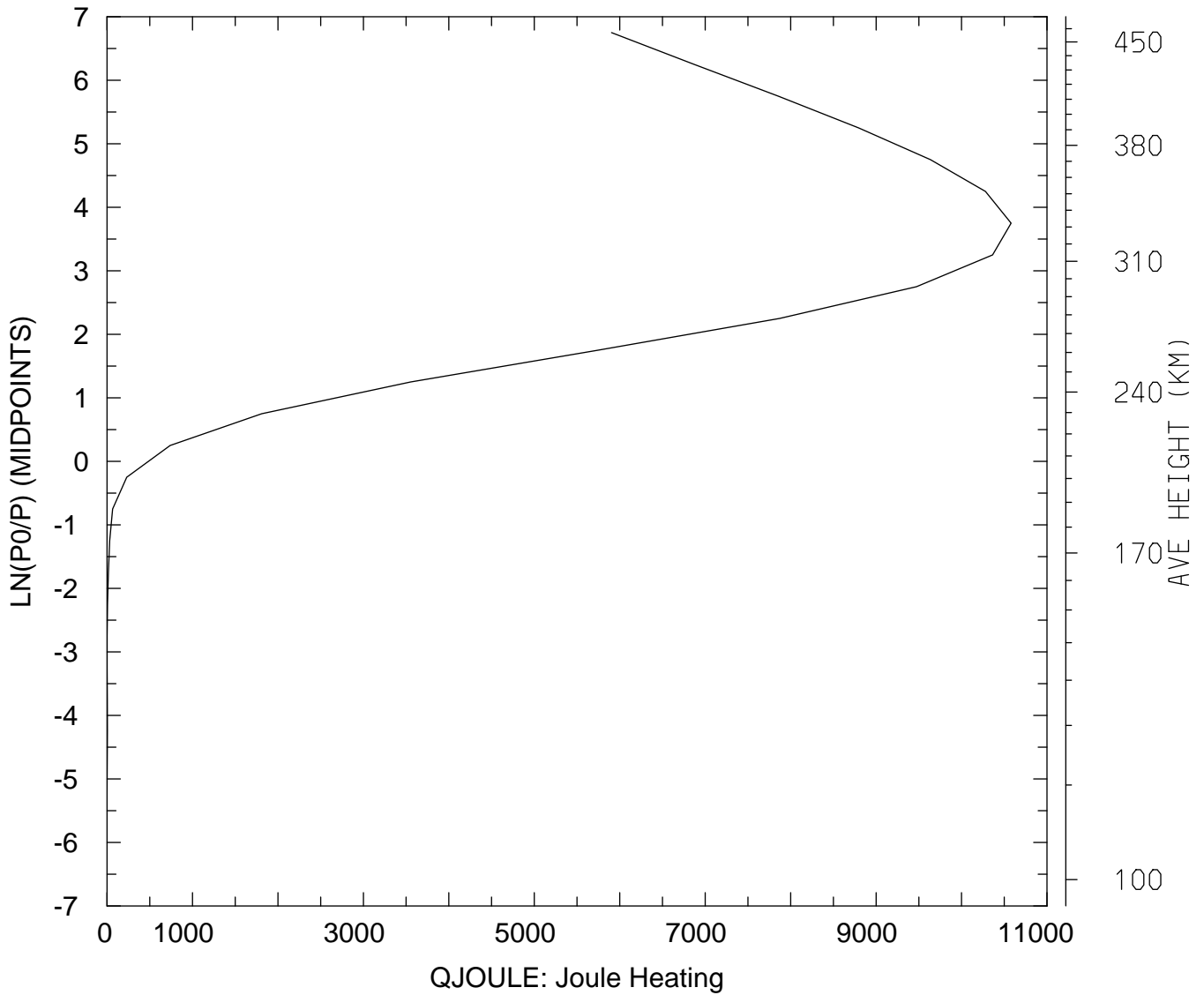
MIN,MAX= 1.1530E+00 3.8741E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



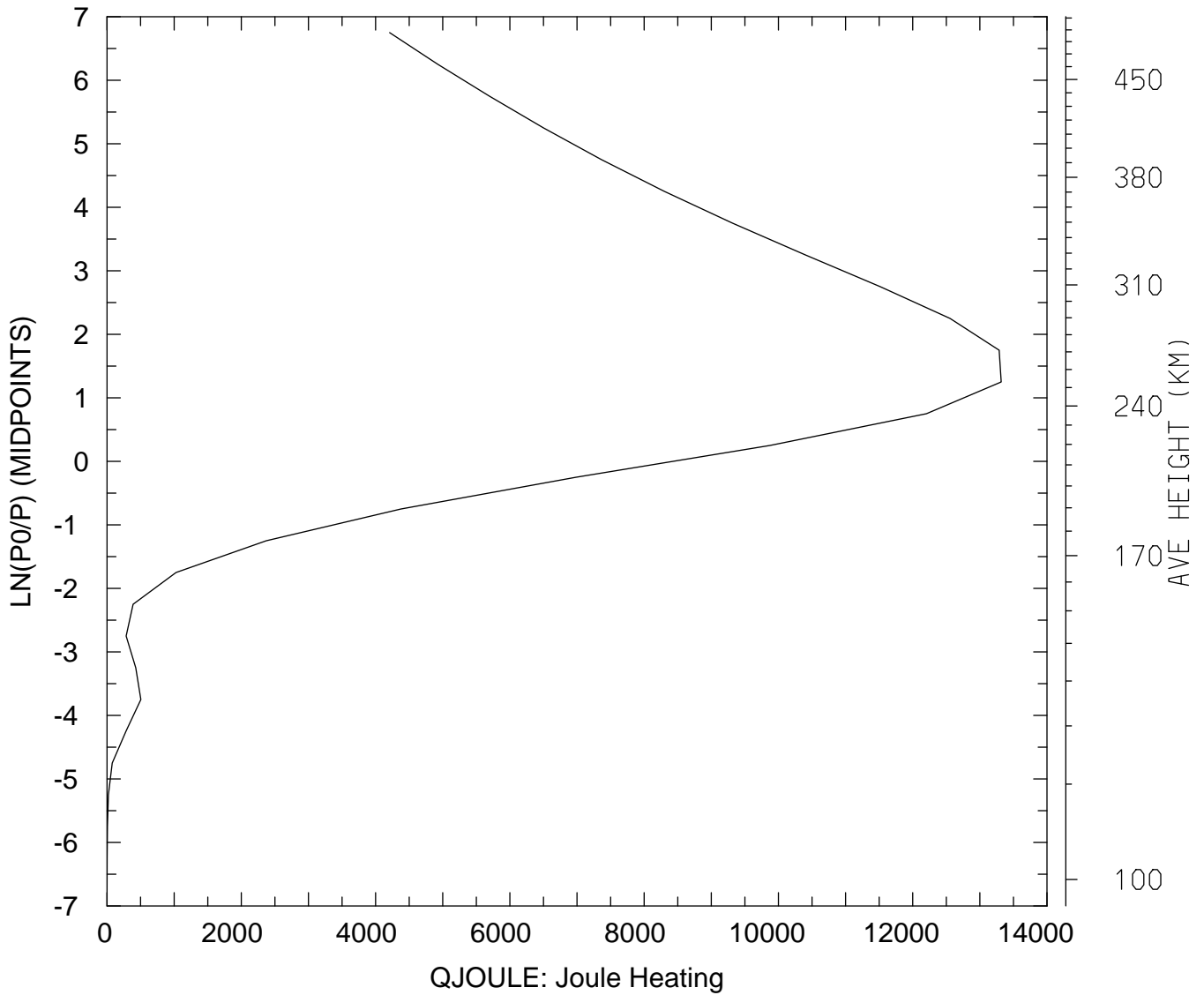
MIN,MAX= 2.8651E-01 6.8620E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

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



MIN,MAX= 1.1032E-02 1.0580E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

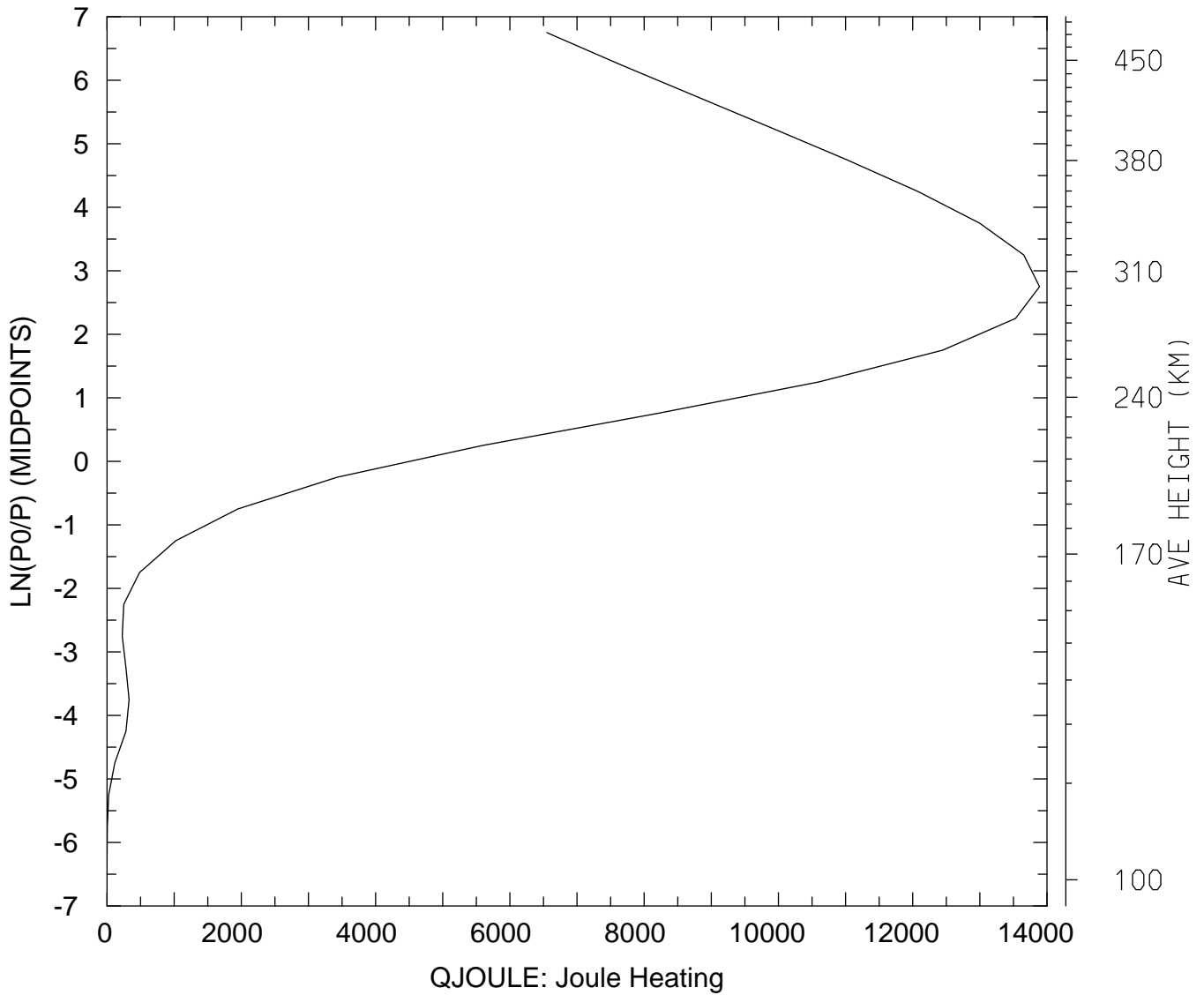
QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



MIN,MAX= 3.4074E-01 1.3317E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

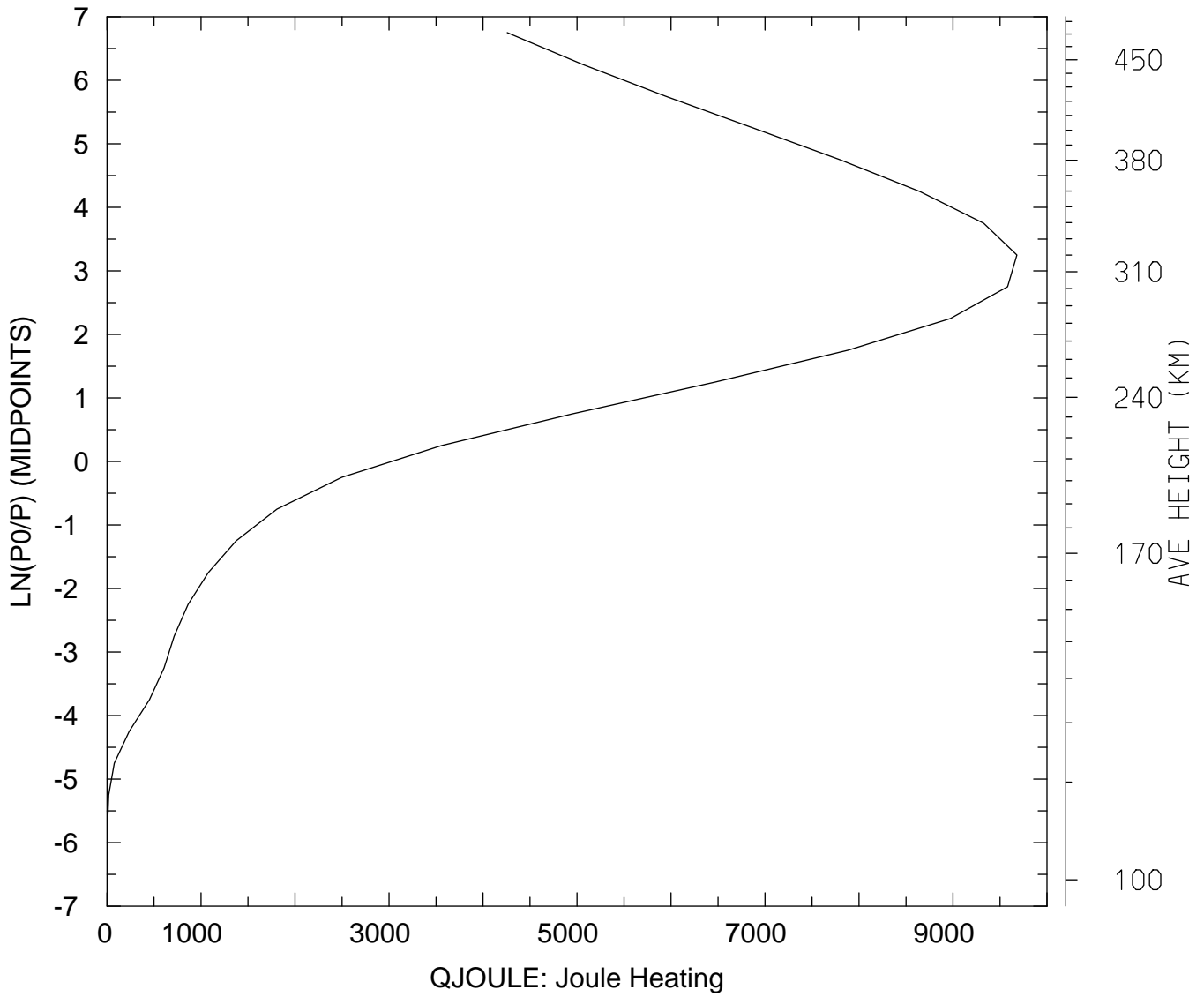


QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



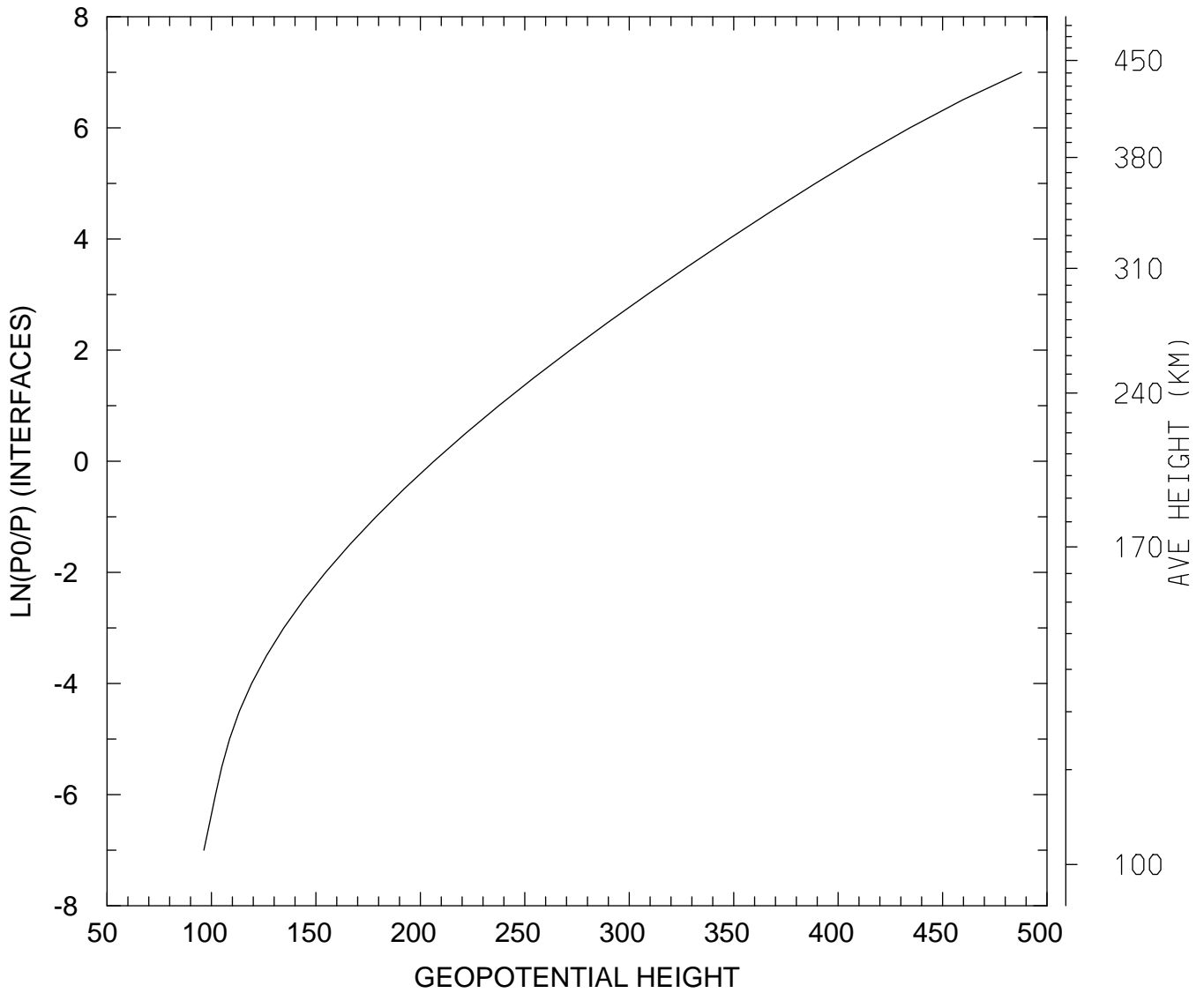
MIN,MAX= 1.5093E-01 1.3888E+04  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
UT= 0.00 GLOBAL MEANS



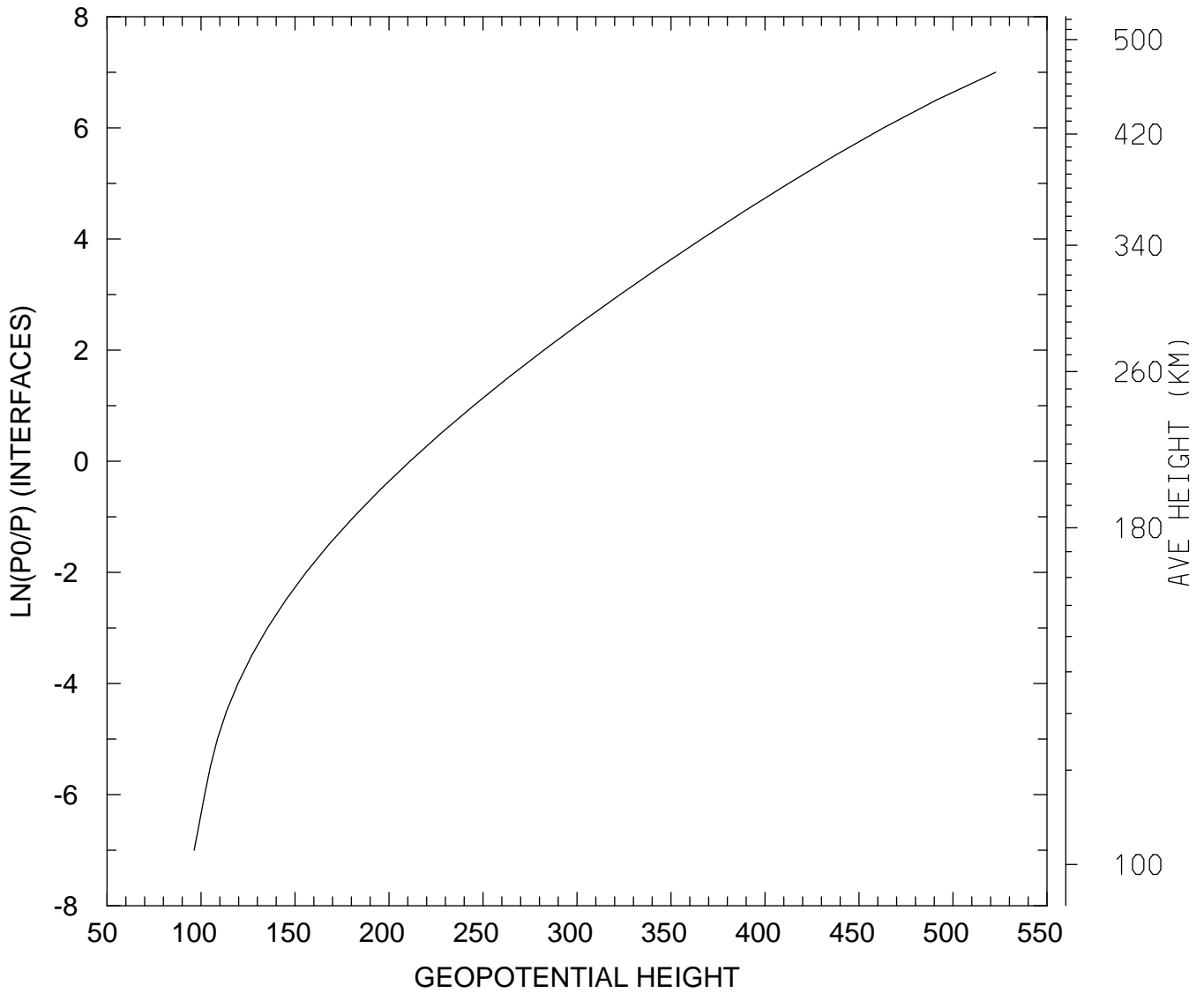
MIN,MAX= 6.2807E-01 9.6794E+03  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -62.50 SLT= 0.00 (HRS))



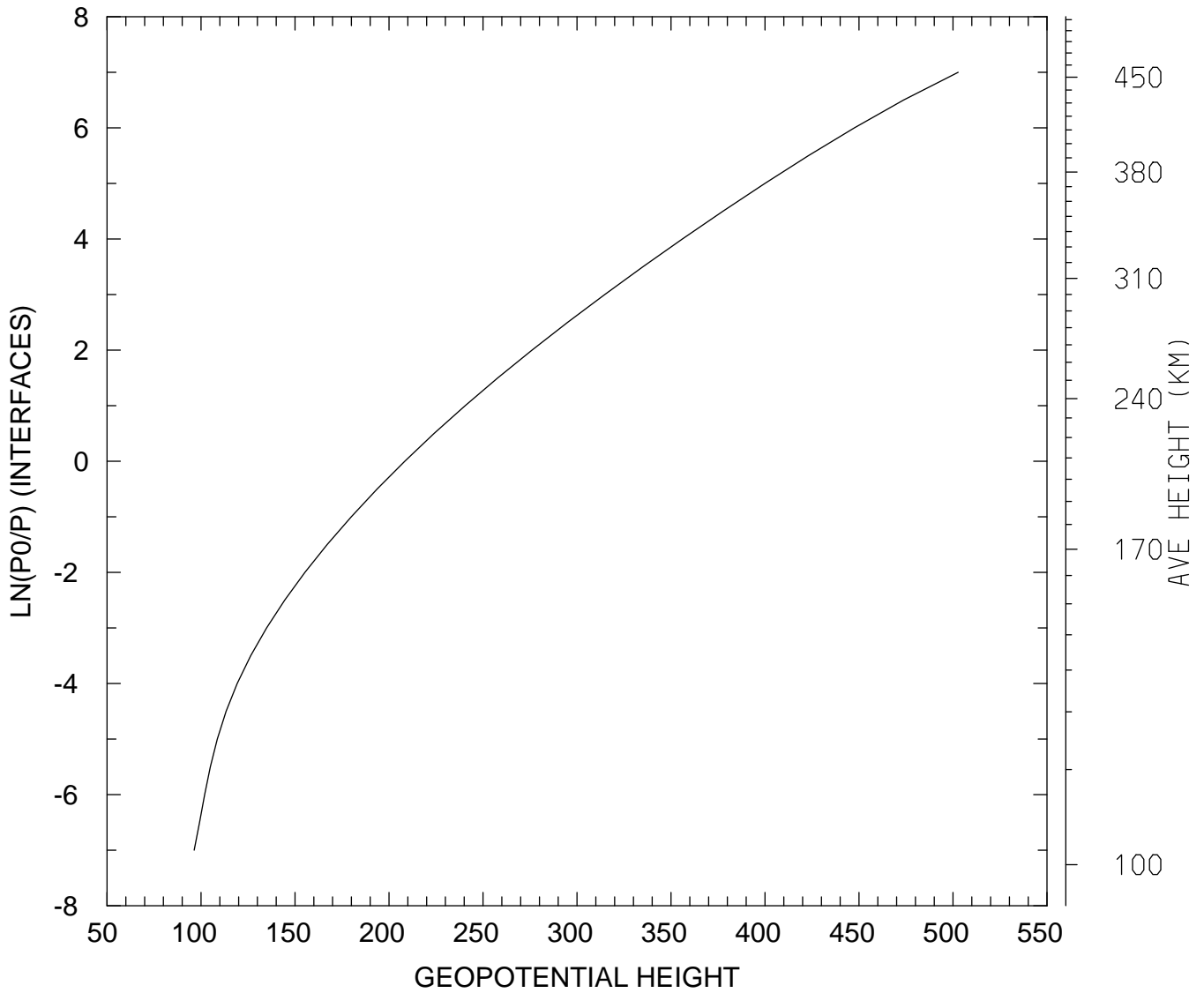
MIN,MAX= 9.6360E+01 4.8780E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -62.50 SLT=12.00 (HRS))



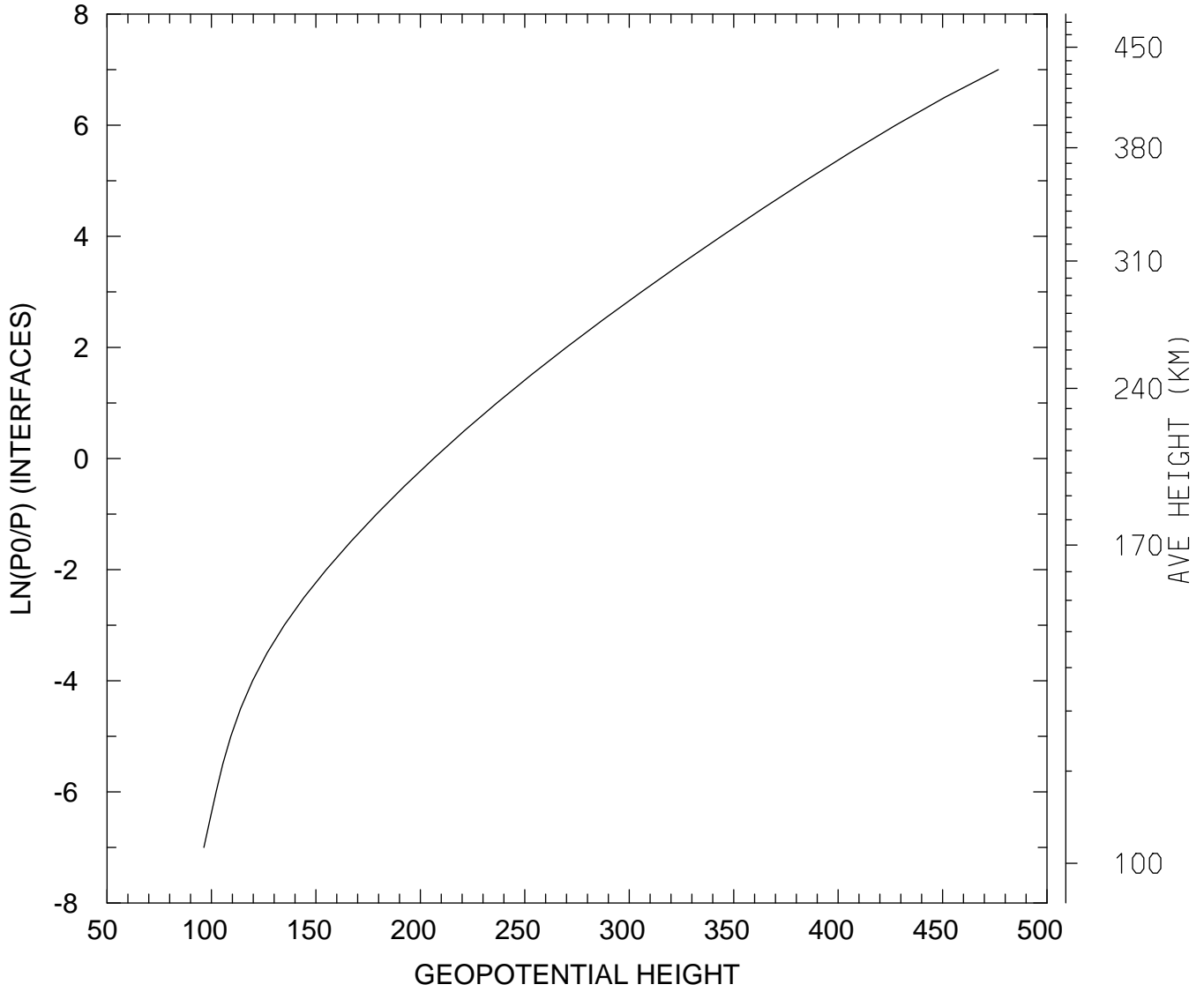
MIN,MAX= 9.6374E+01 5.2269E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -62.50 ZONAL MEANS



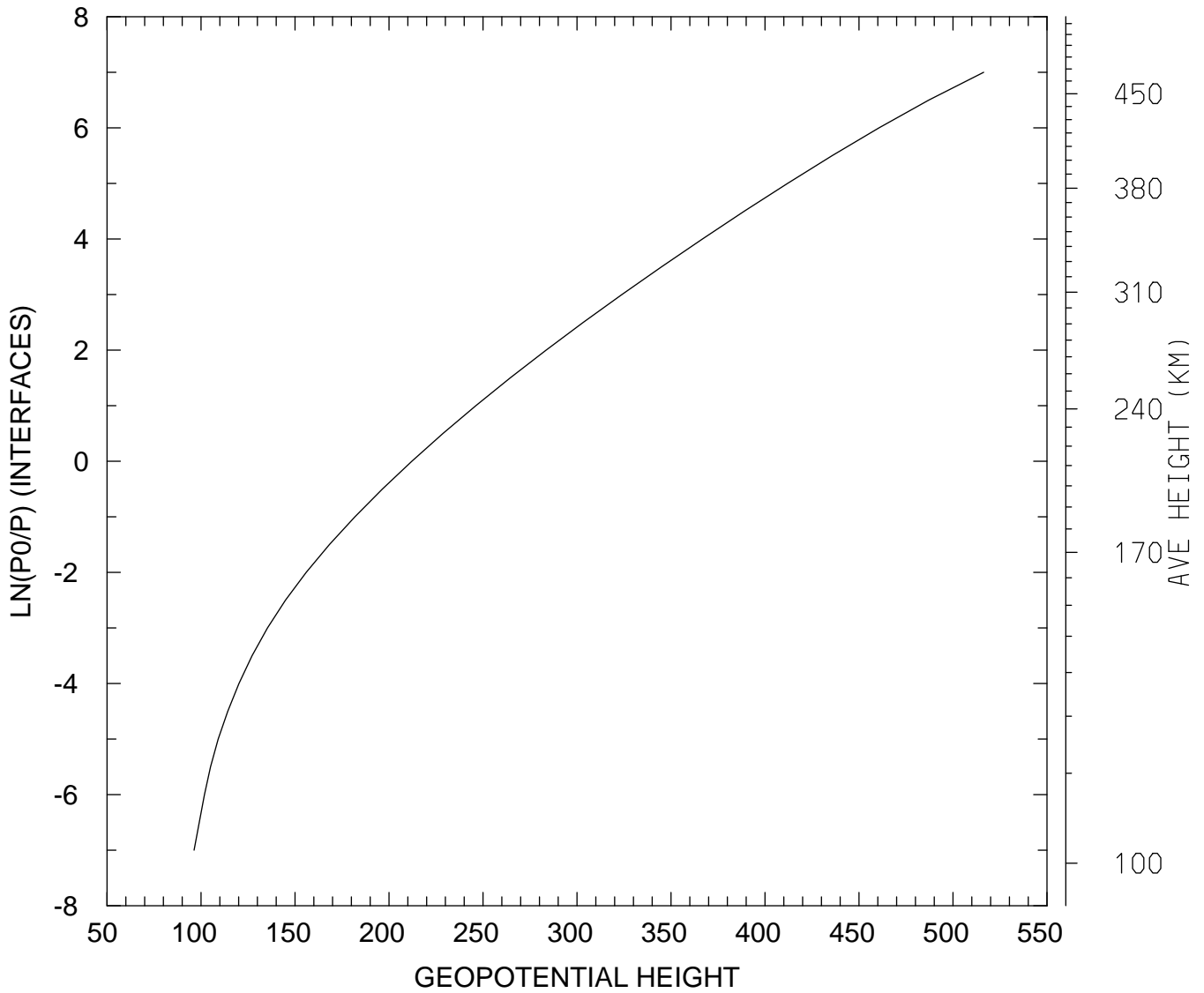
MIN,MAX= 9.6372E+01 5.0276E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -42.50 SLT= 0.00 (HRS))



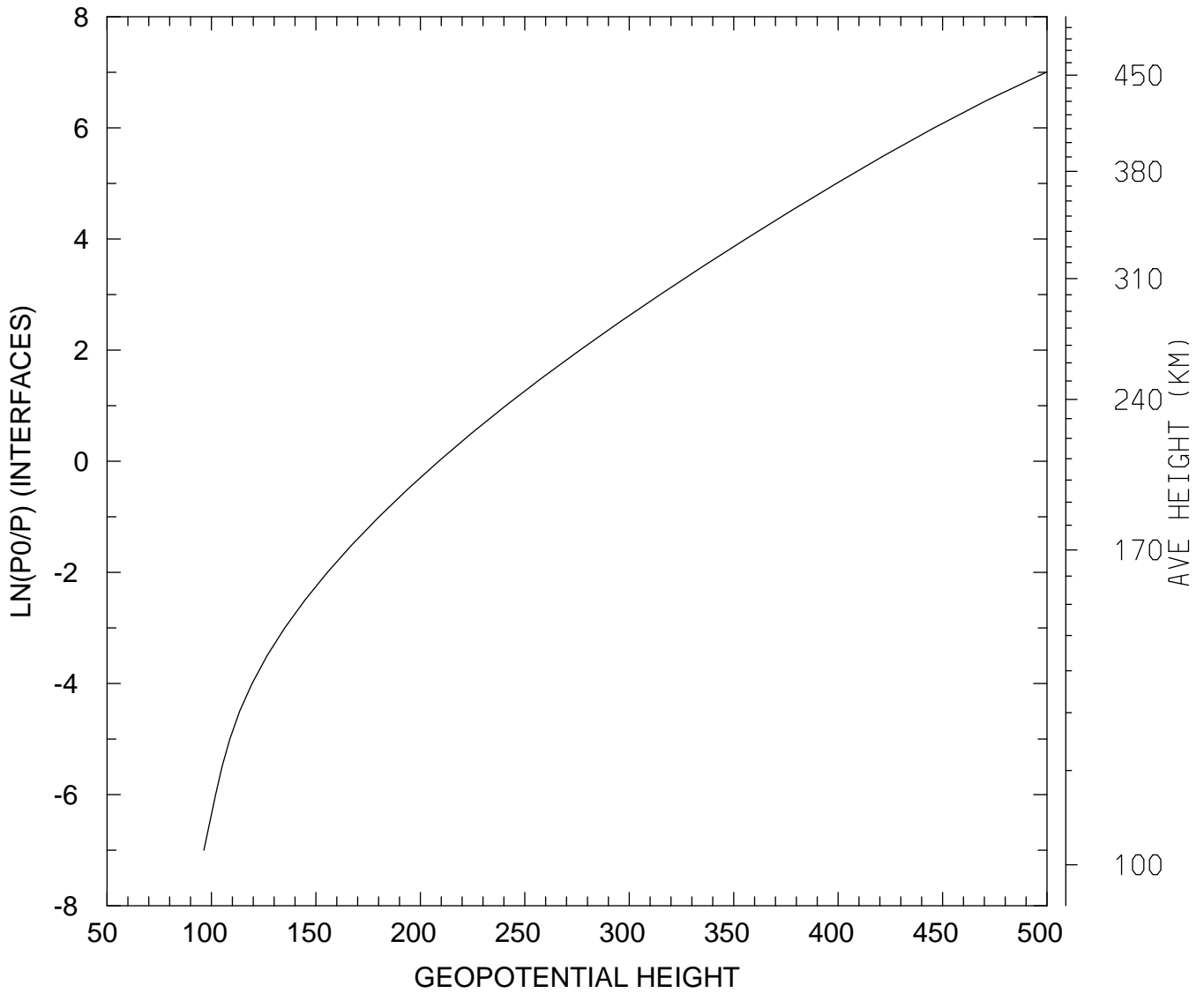
MIN,MAX= 9.6361E+01 4.7669E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -42.50 SLT=12.00 (HRS))



MIN,MAX= 9.6297E+01 5.1630E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

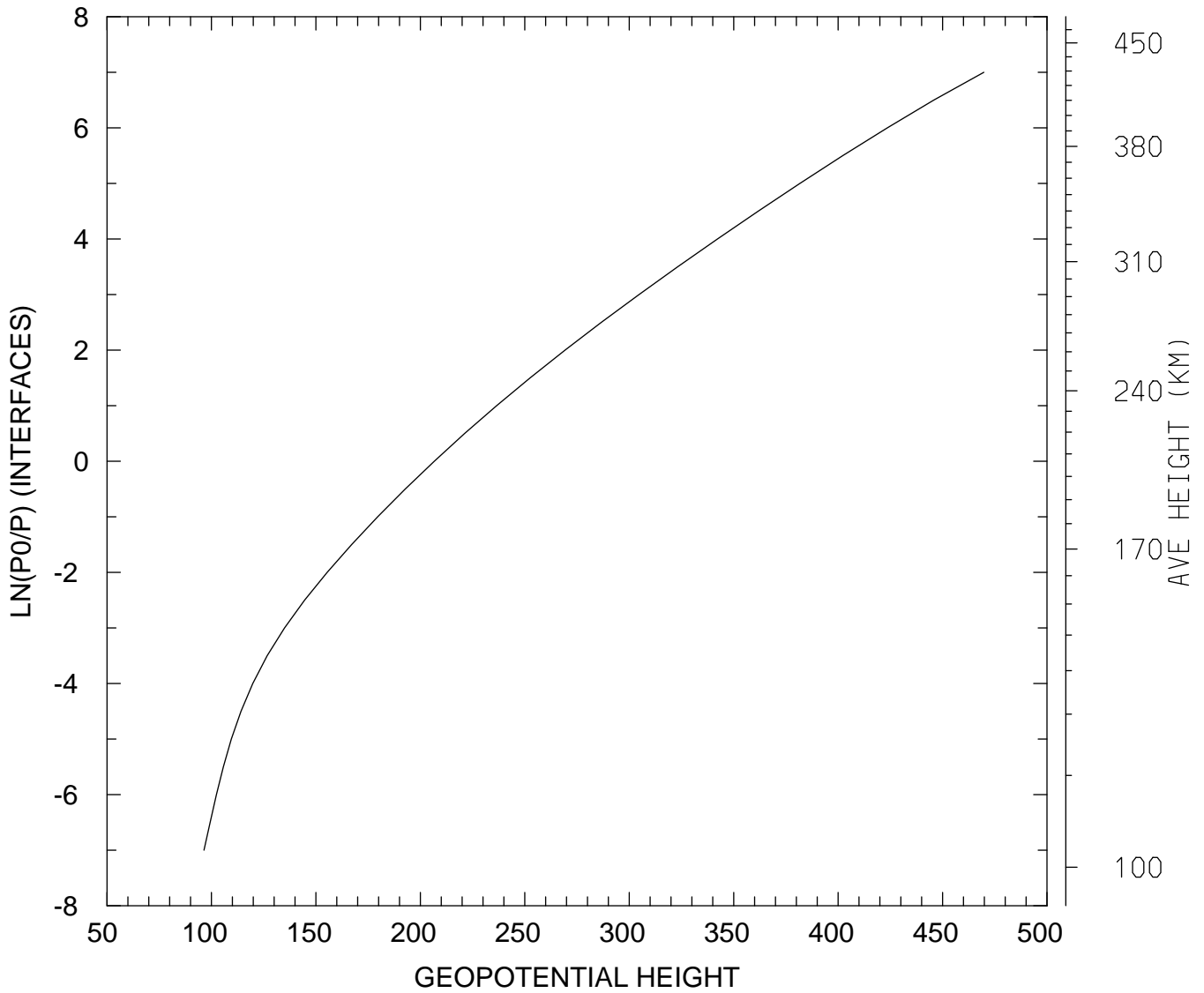
GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= -42.50 ZONAL MEANS



MIN,MAX= 9.6371E+01 4.9961E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

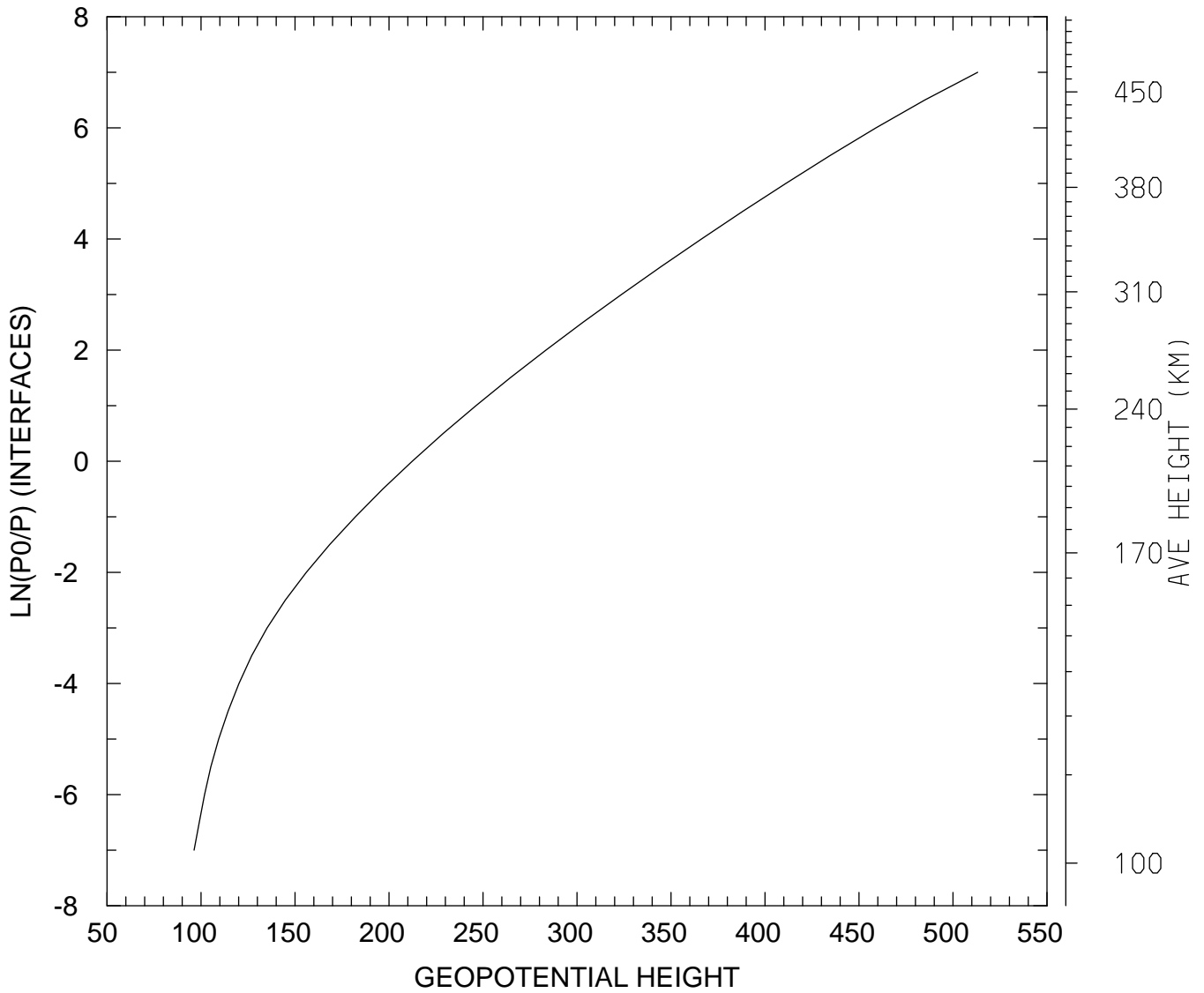


GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 37.50 SLT= 0.00 (HRS))



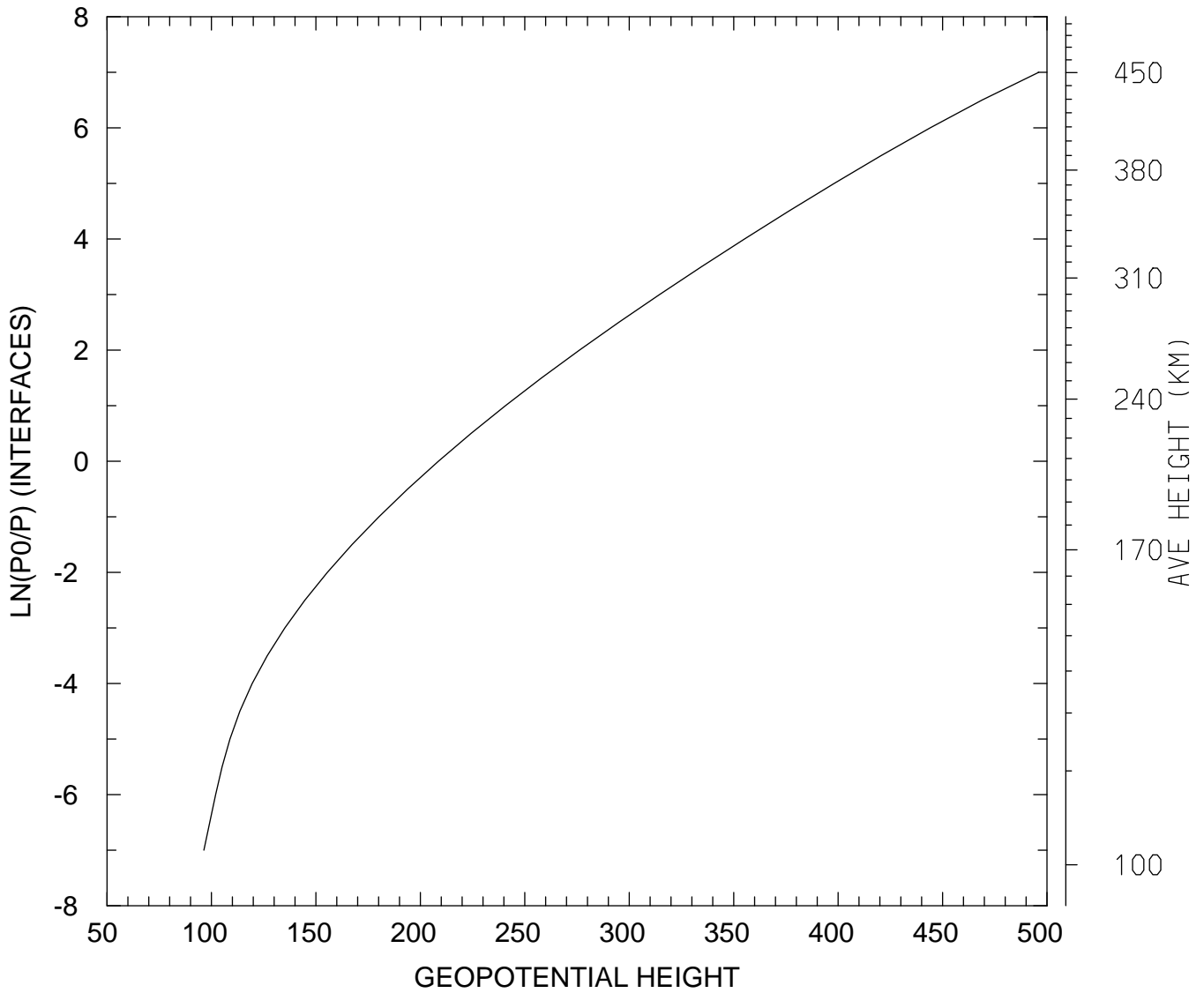
MIN,MAX= 9.6426E+01 4.6978E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 37.50 SLT=12.00 (HRS))



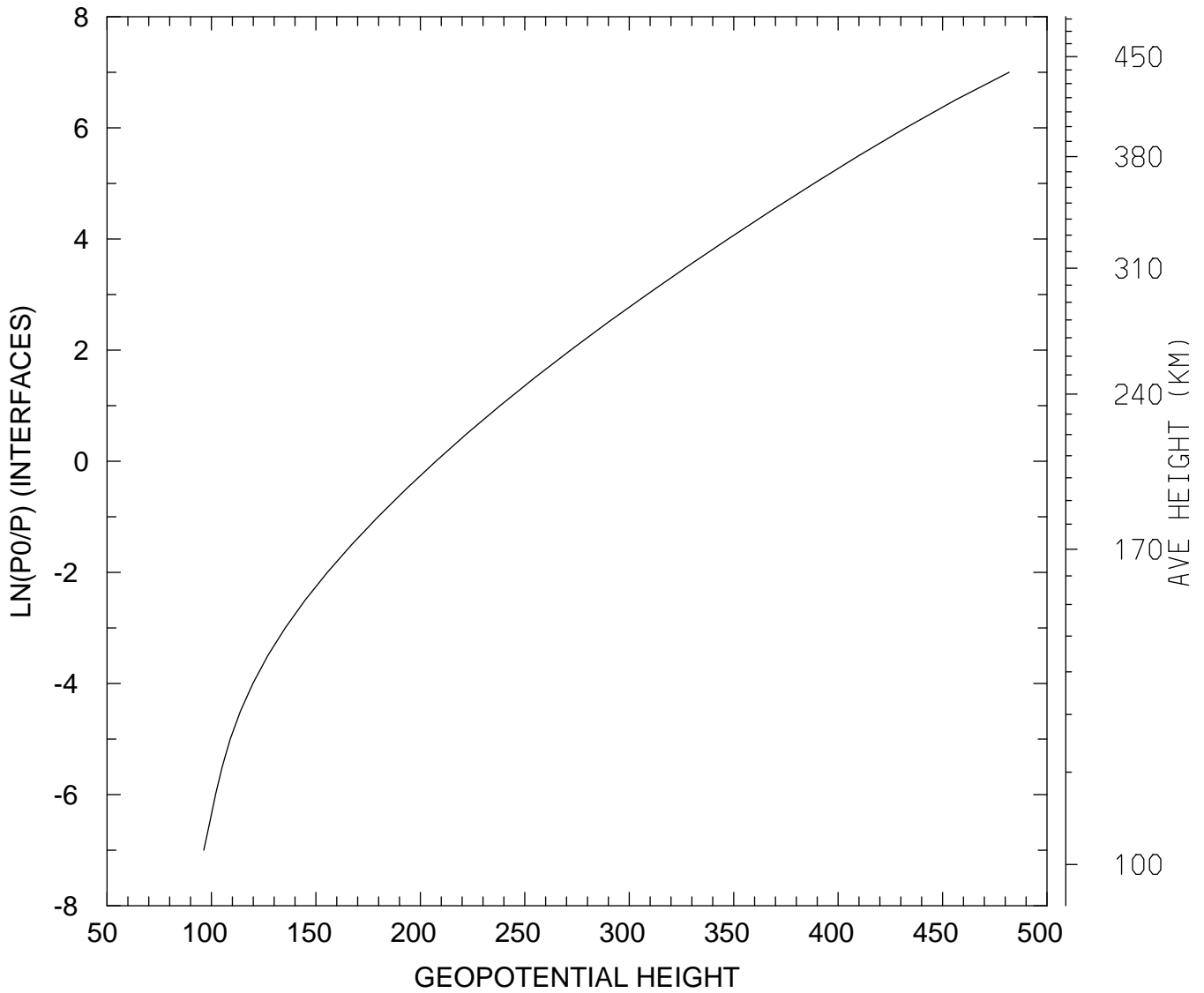
MIN,MAX= 9.6278E+01 5.1311E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 37.50 ZONAL MEANS



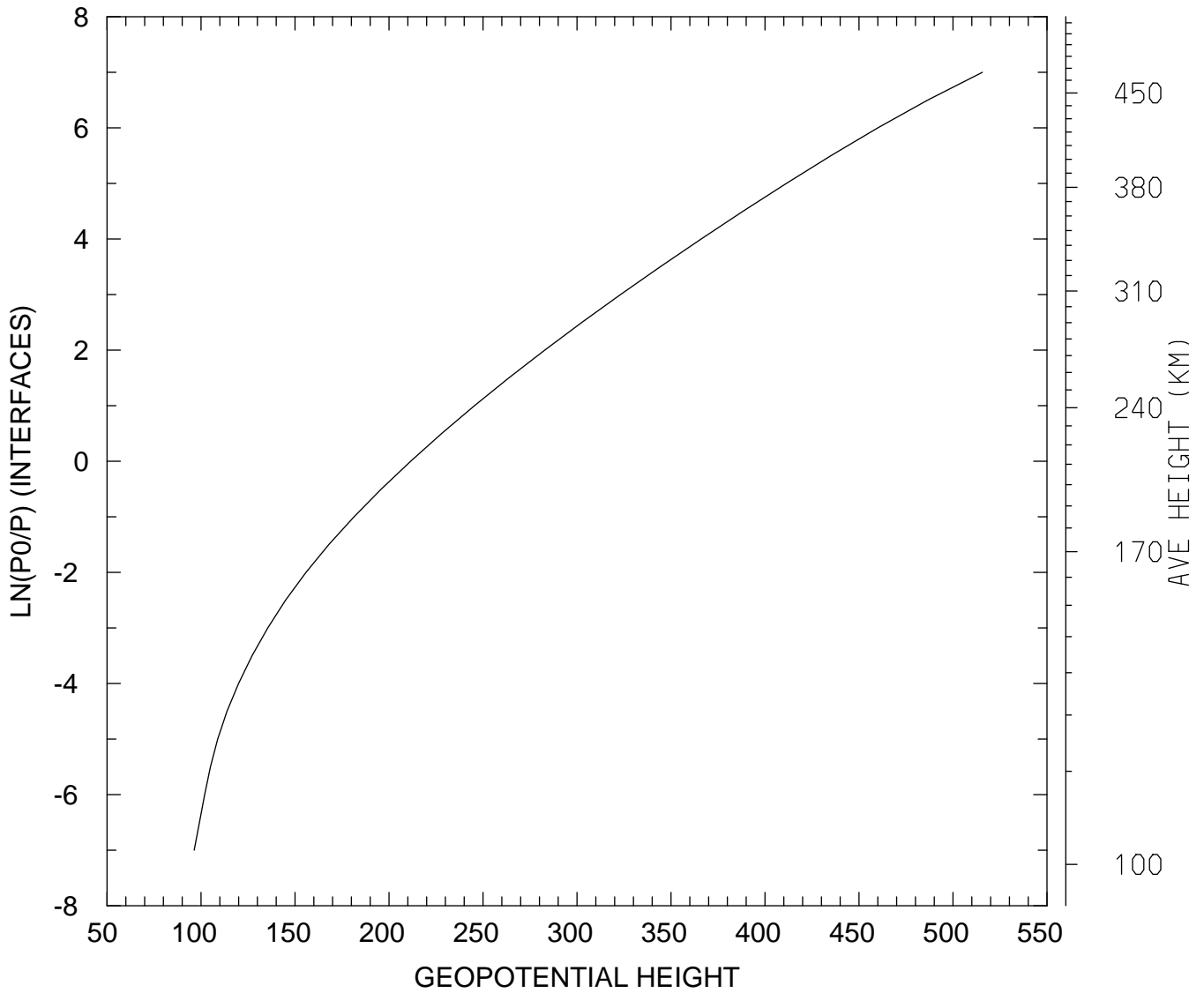
MIN,MAX= 9.6371E+01 4.9604E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 57.50 SLT= 0.00 (HRS))



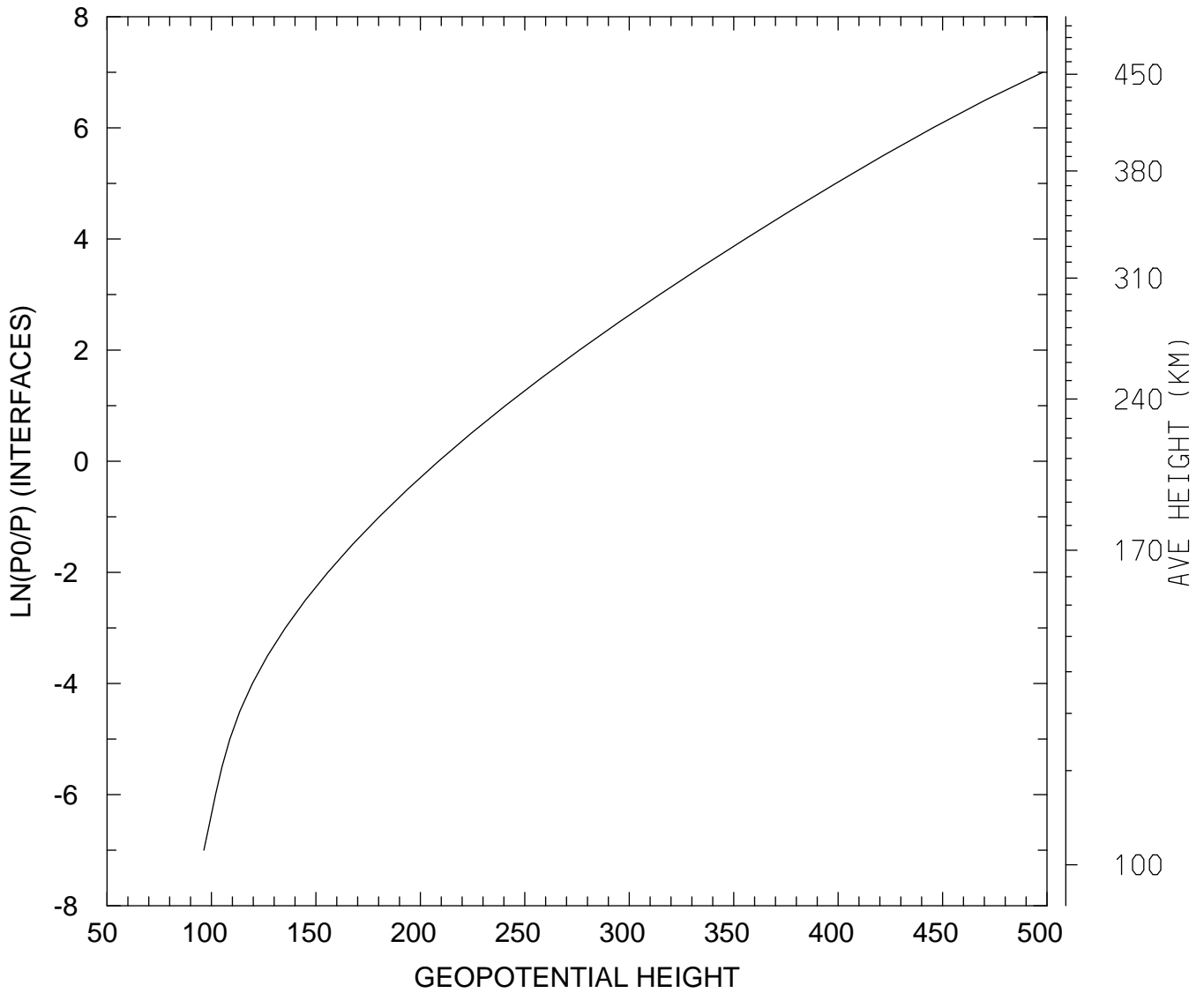
MIN,MAX= 9.6318E+01 4.8191E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 57.50 SLT=12.00 (HRS))



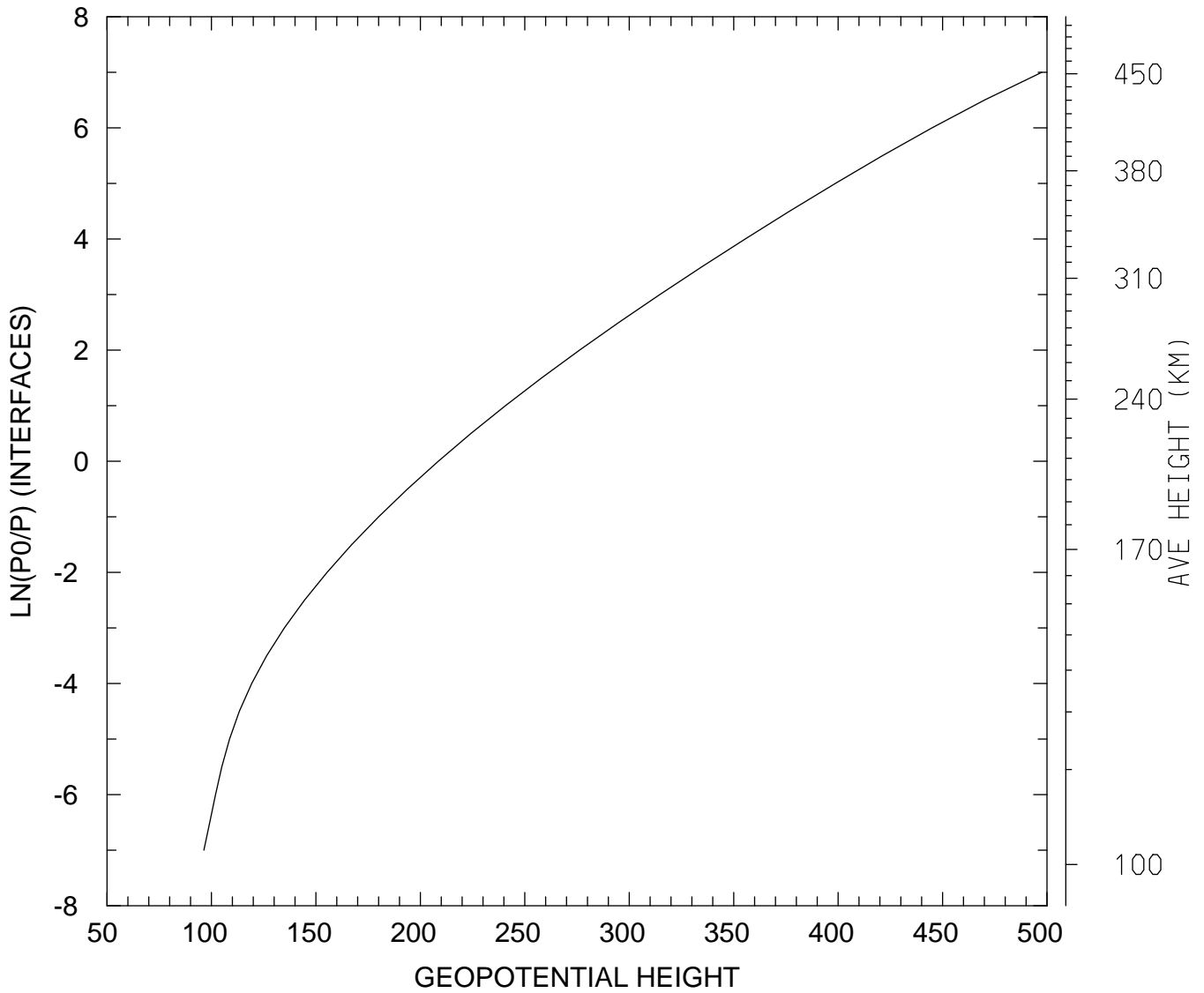
MIN,MAX= 9.6368E+01 5.1562E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 LAT= 57.50 ZONAL MEANS



MIN,MAX= 9.6372E+01 4.9795E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
UT= 0.00 GLOBAL MEANS



MIN,MAX= 9.6372E+01 4.9751E+02  
tiegcm\_trunk (DAY,HR,MIN= 85, 0, 0)  
tiegcm2.0\_res5.0\_mareqx\_smin\_sech\_005.nc