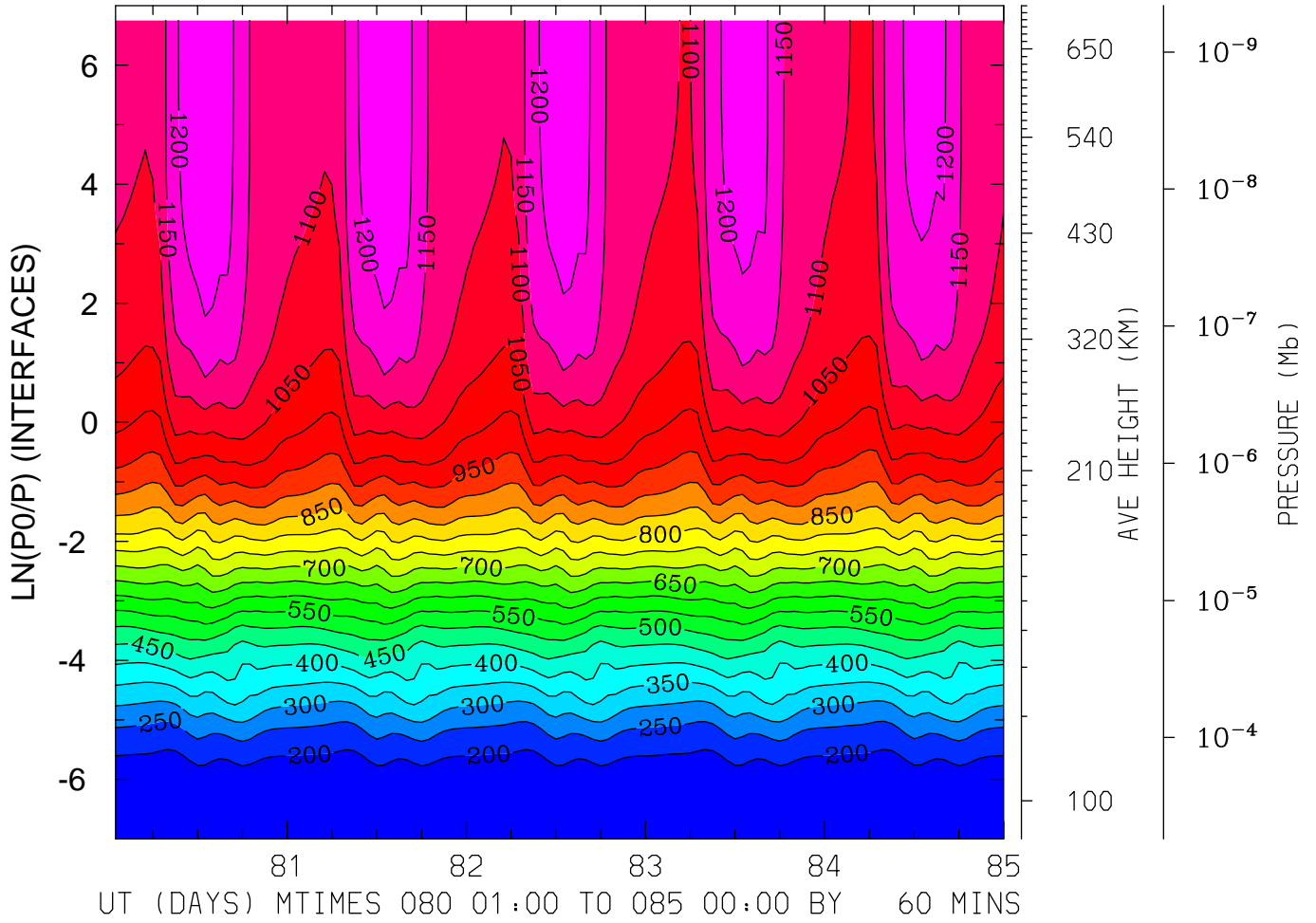
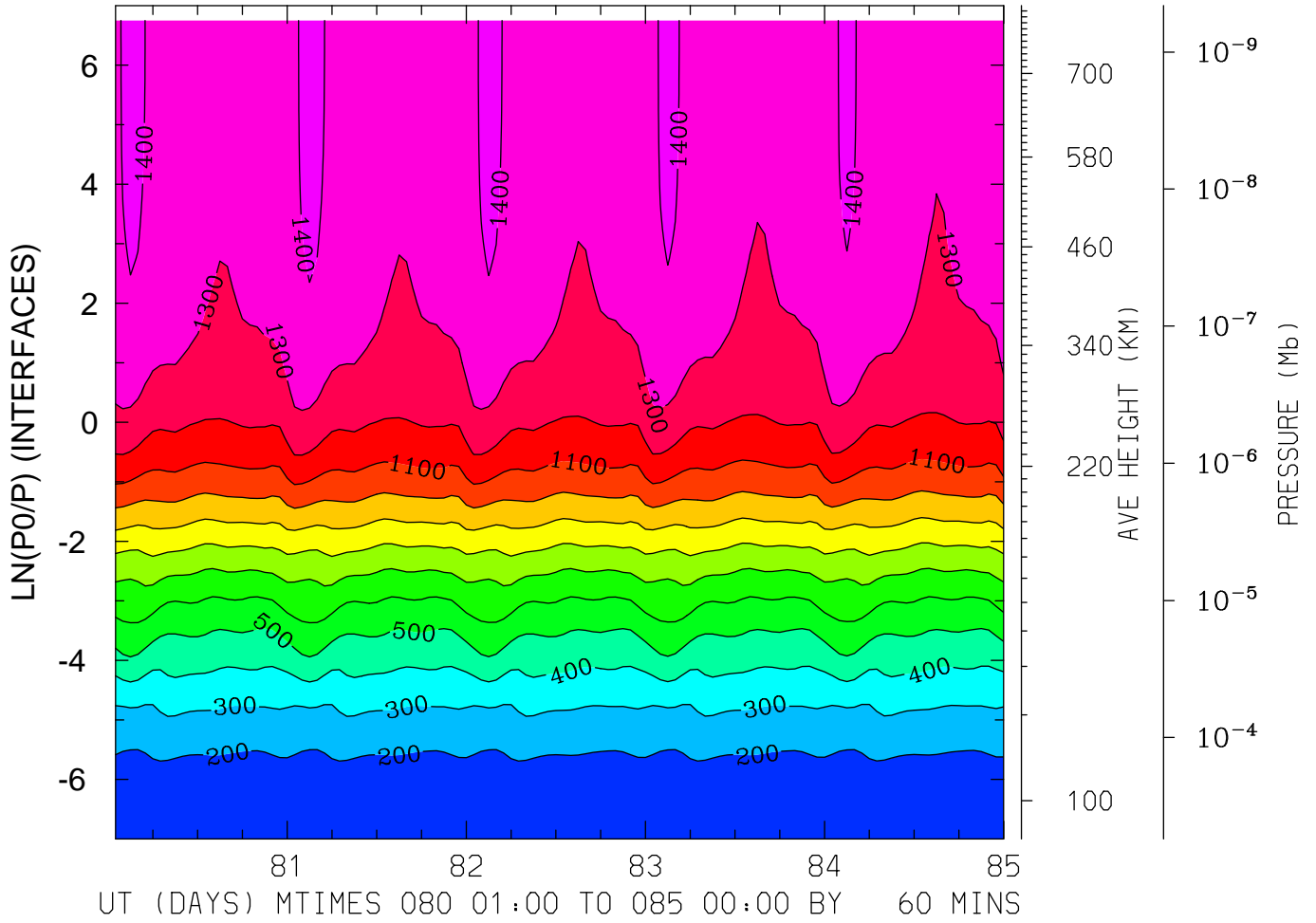


NEUTRAL TEMPERATURE (DEG K)  
LAT=-61.25 LOCAL TIME= 0.00



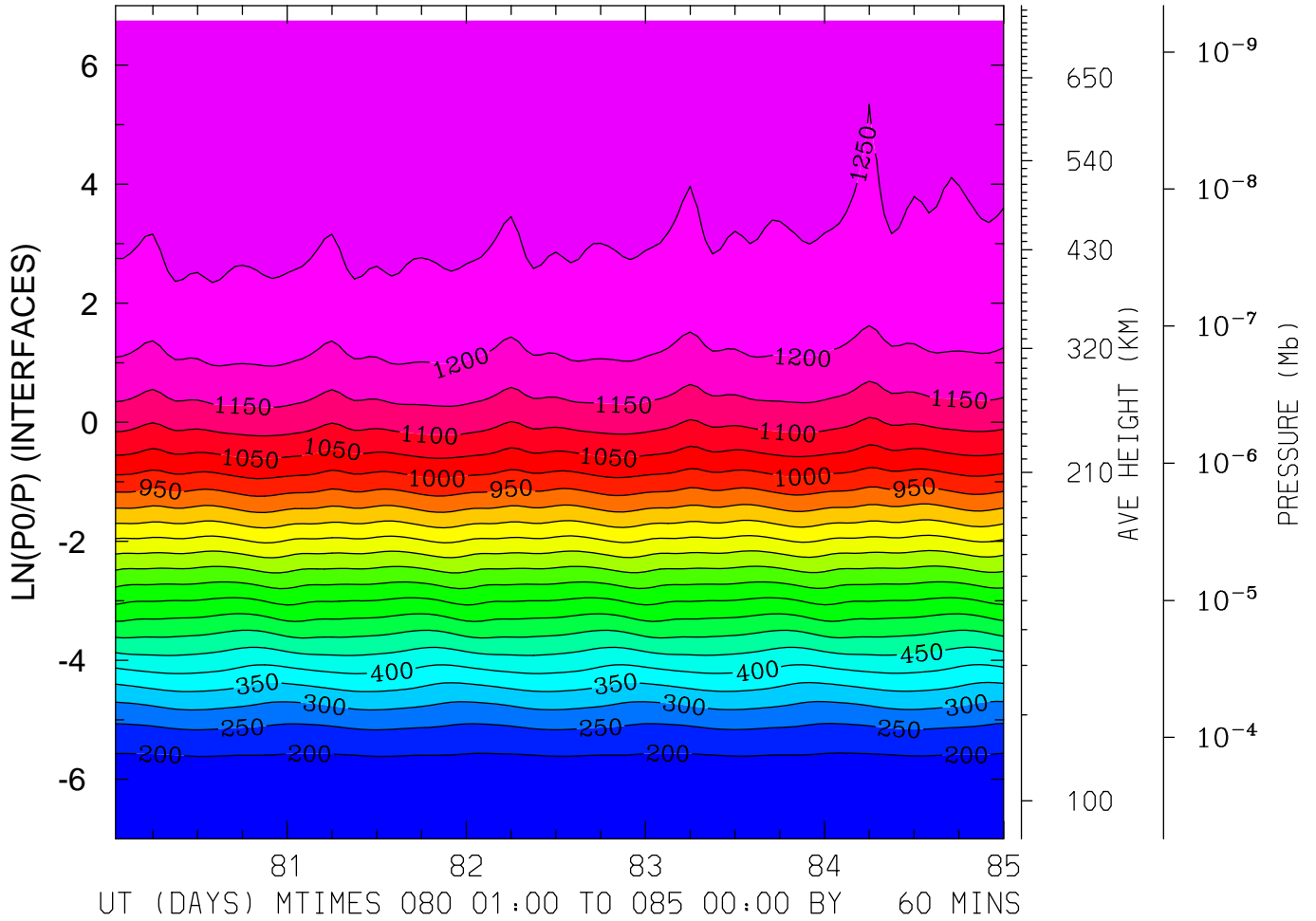
MIN,MAX= 1.6603E+02 1.2286E+03 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
LAT=-61.25 LOCAL TIME=12.00



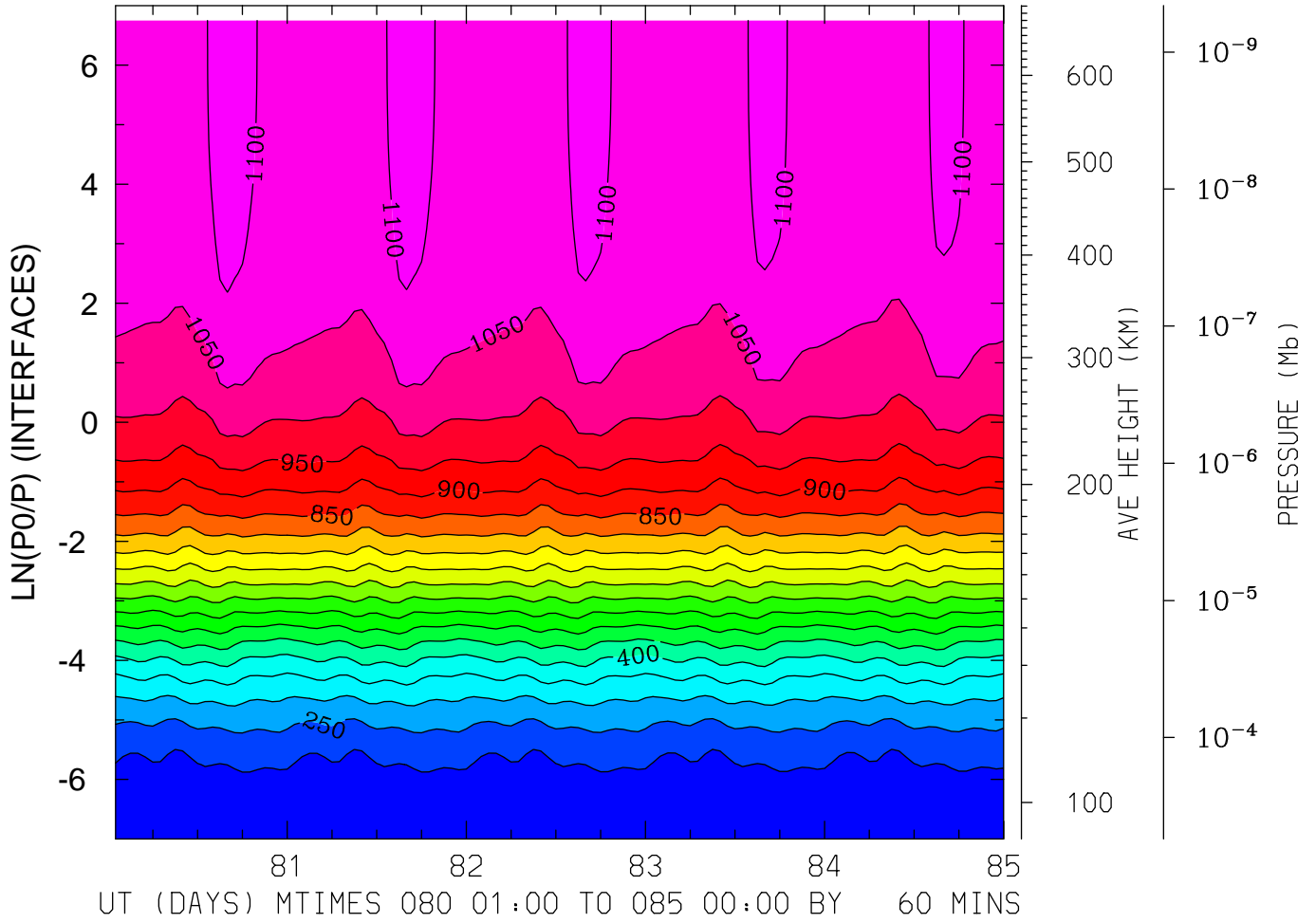
MIN,MAX= 1.6358E+02 1.4201E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
LAT=-61.25 (ZONAL MEANS)



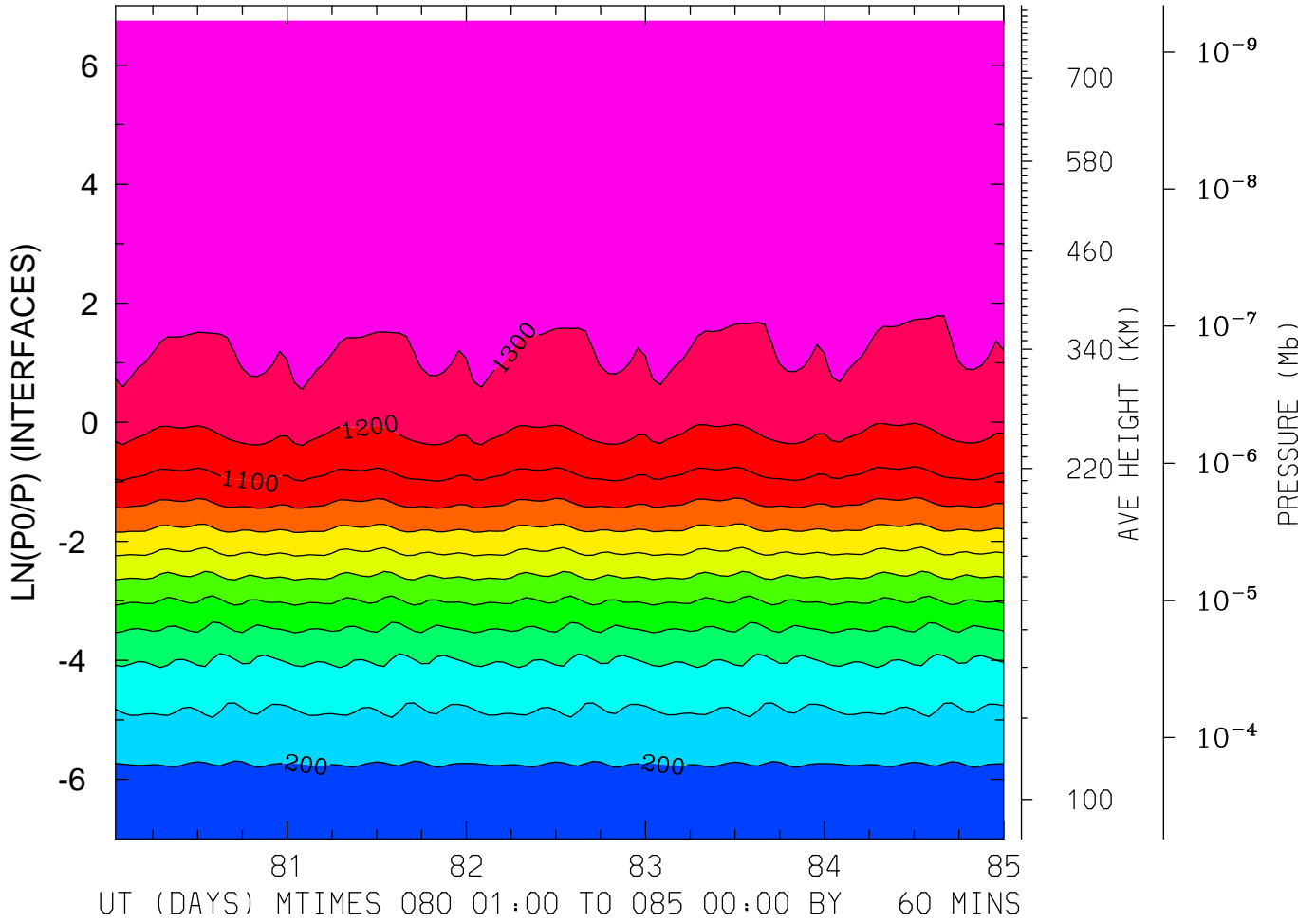
MIN,MAX= 1.6643E+02 1.2748E+03 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
LAT=-41.25 LOCAL TIME= 0.00



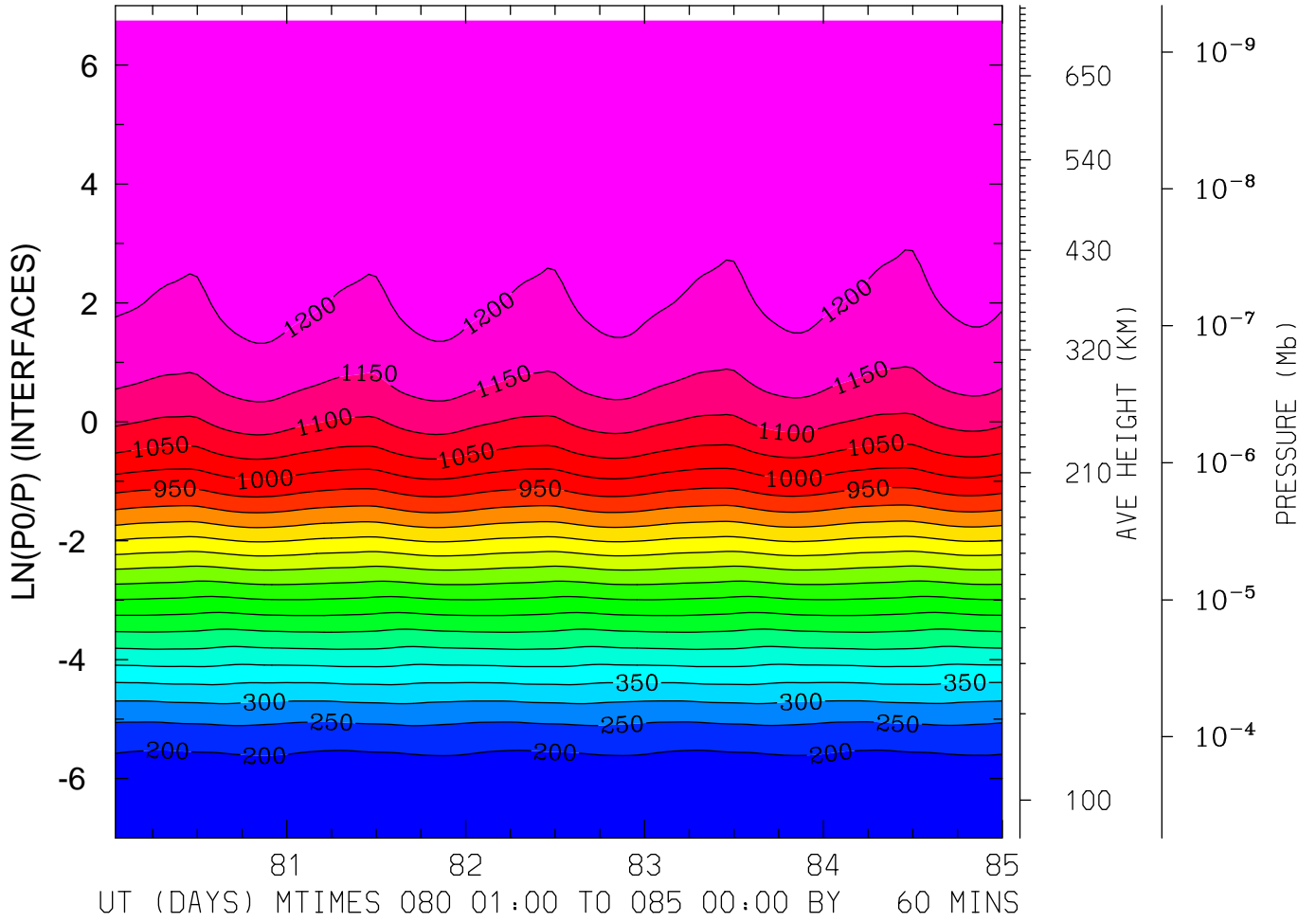
MIN,MAX= 1.7125E+02 1.1213E+03 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
LAT=-41.25 LOCAL TIME=12.00



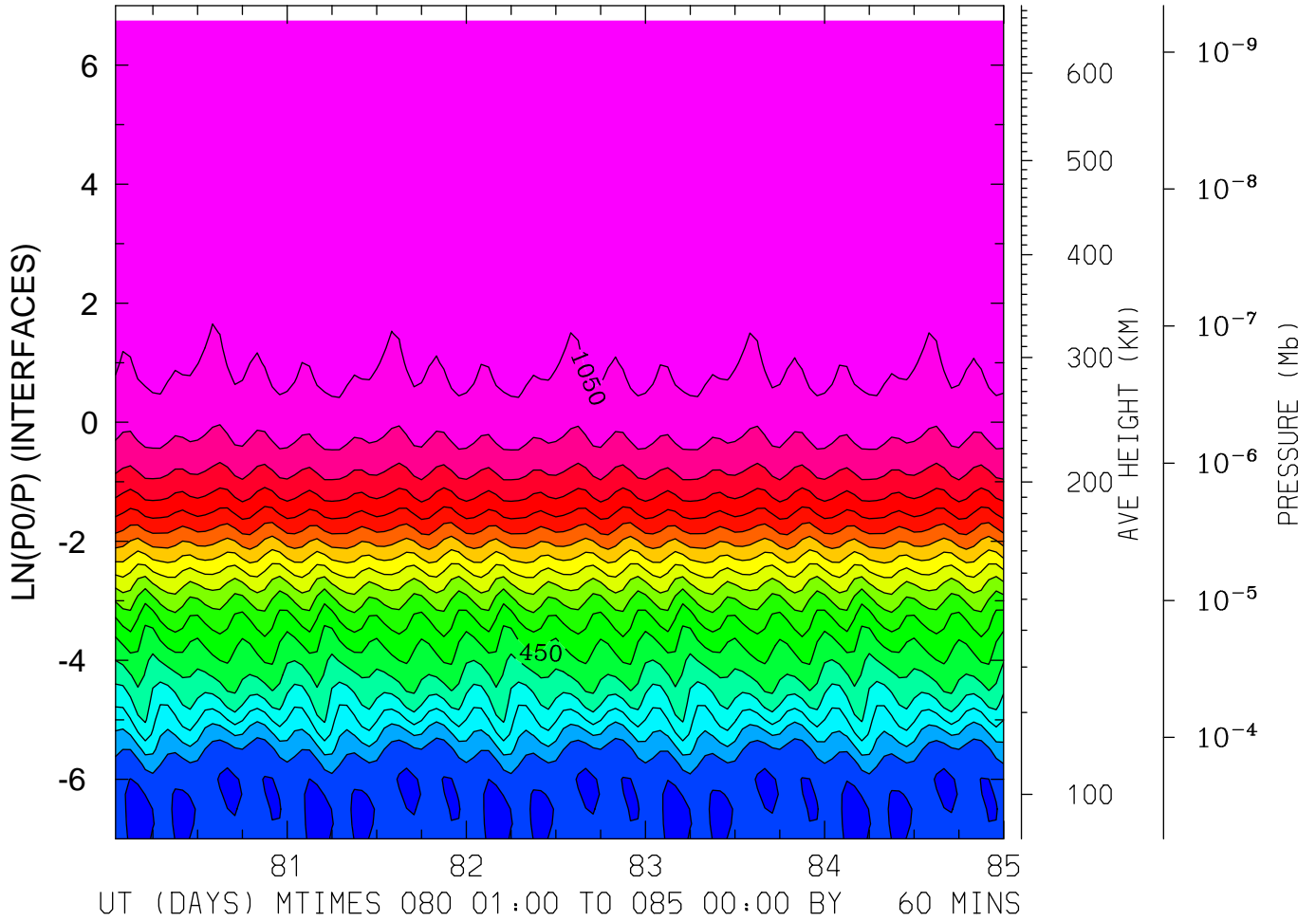
MIN,MAX= 1.6111E+02 1.3983E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
LAT=-41.25 (ZONAL MEANS)



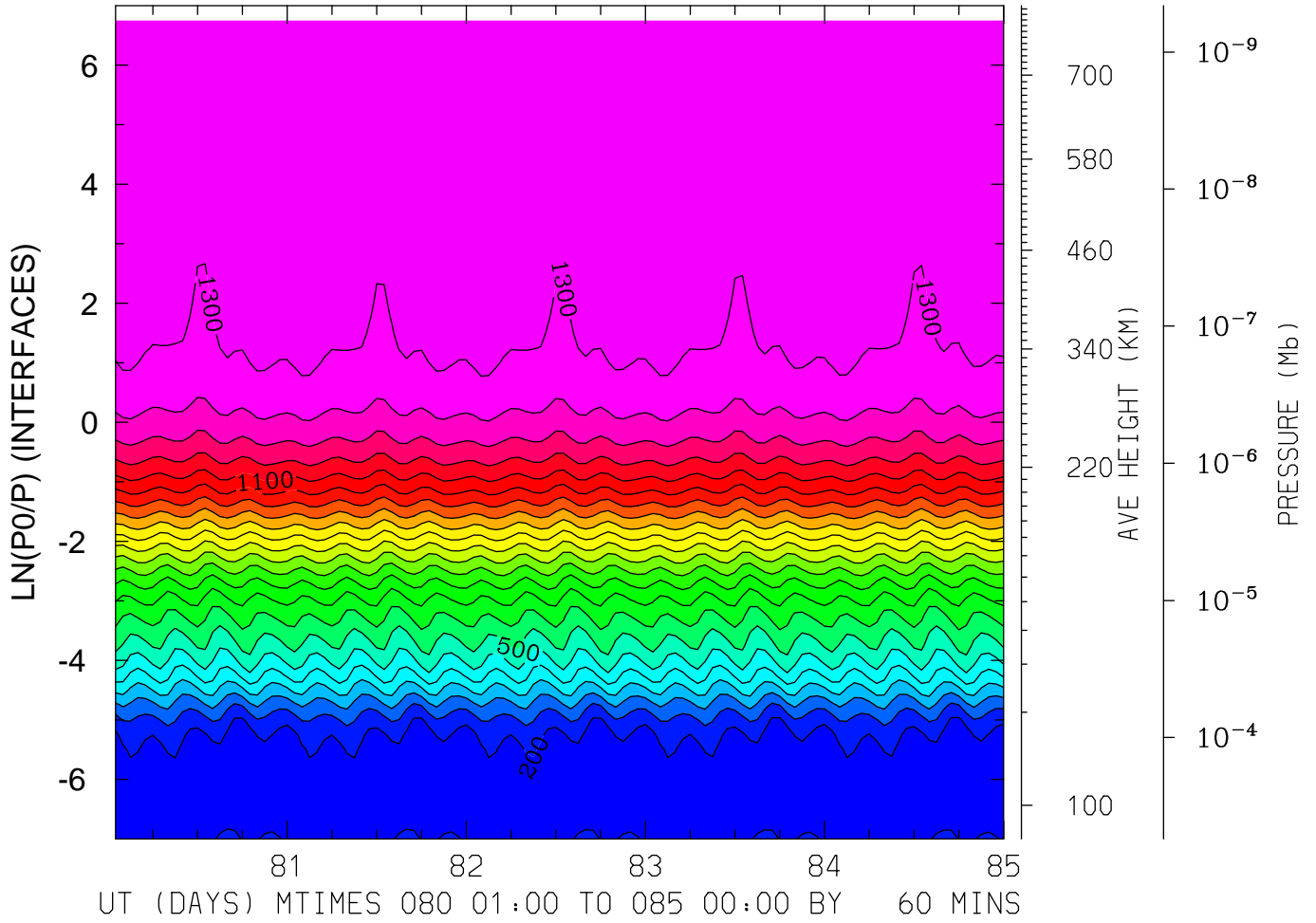
MIN,MAX= 1.6649E+02 1.2436E+03 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
LAT= -1.25 LOCAL TIME= 0.00



MIN,MAX= 1.3086E+02 1.0869E+03 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

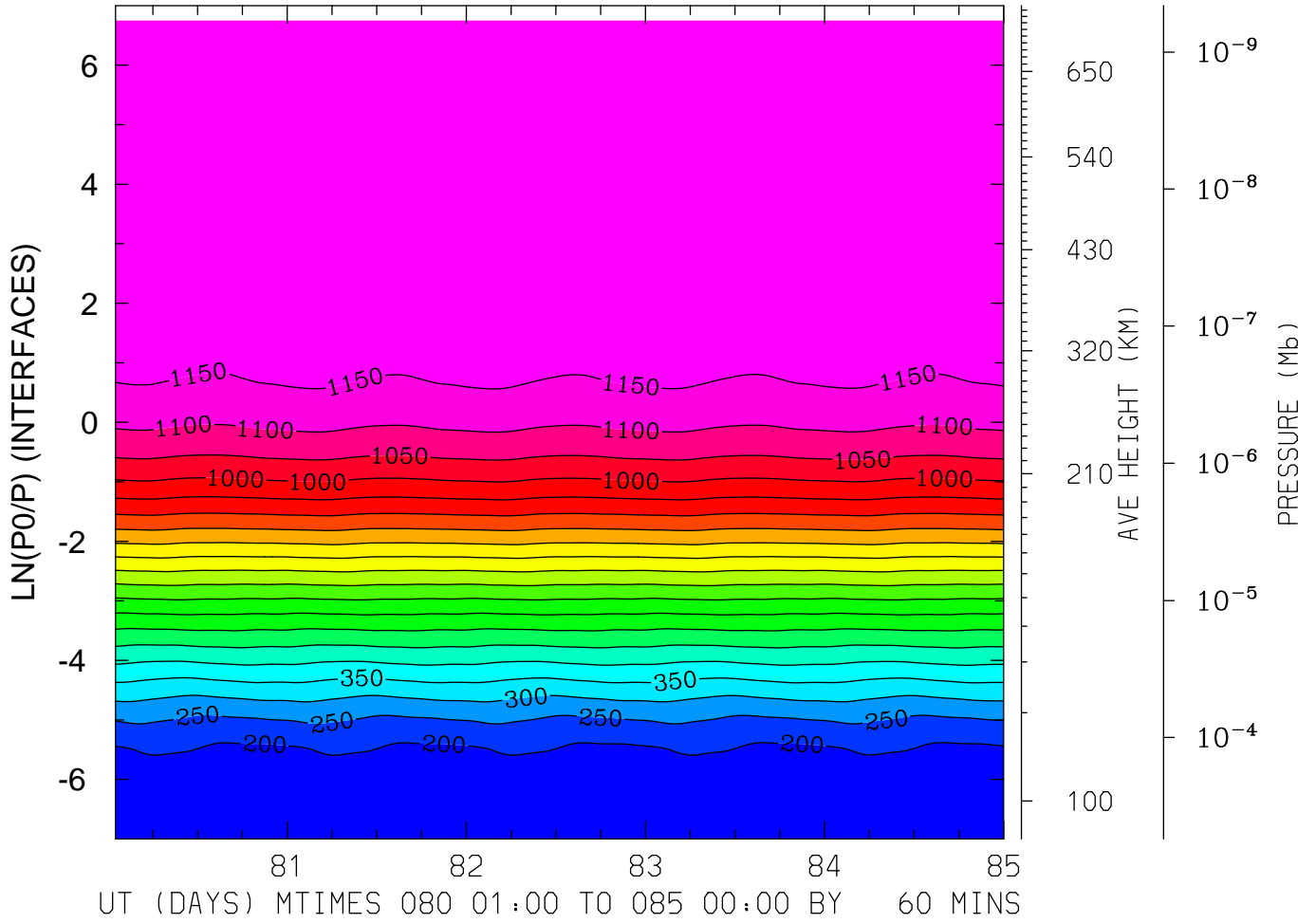
NEUTRAL TEMPERATURE (DEG K)  
LAT= -1.25 LOCAL TIME=12.00



MIN,MAX= 1.5751E+02 1.3284E+03 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

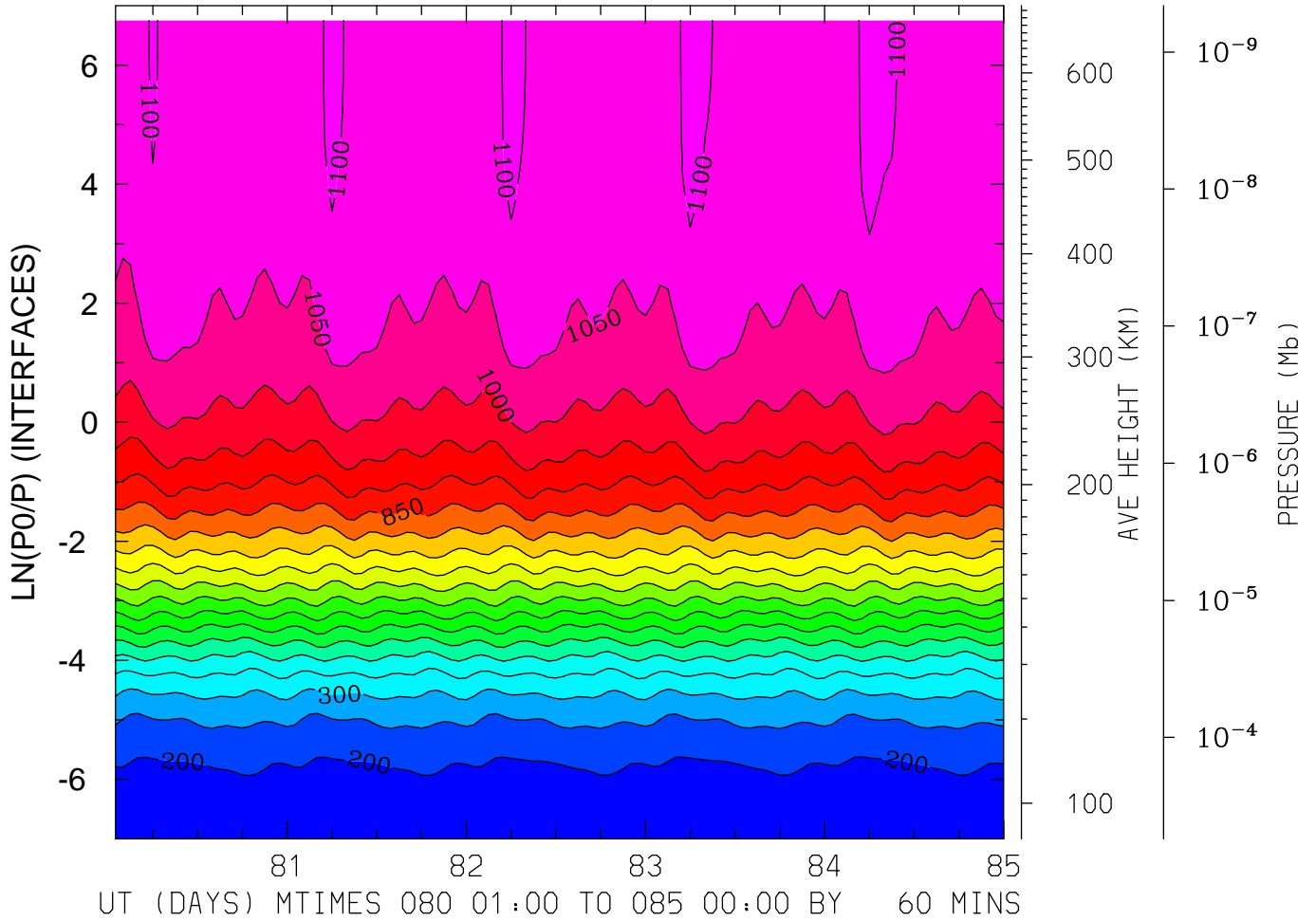


NEUTRAL TEMPERATURE (DEG K)  
LAT= -1.25 (ZONAL MEANS)



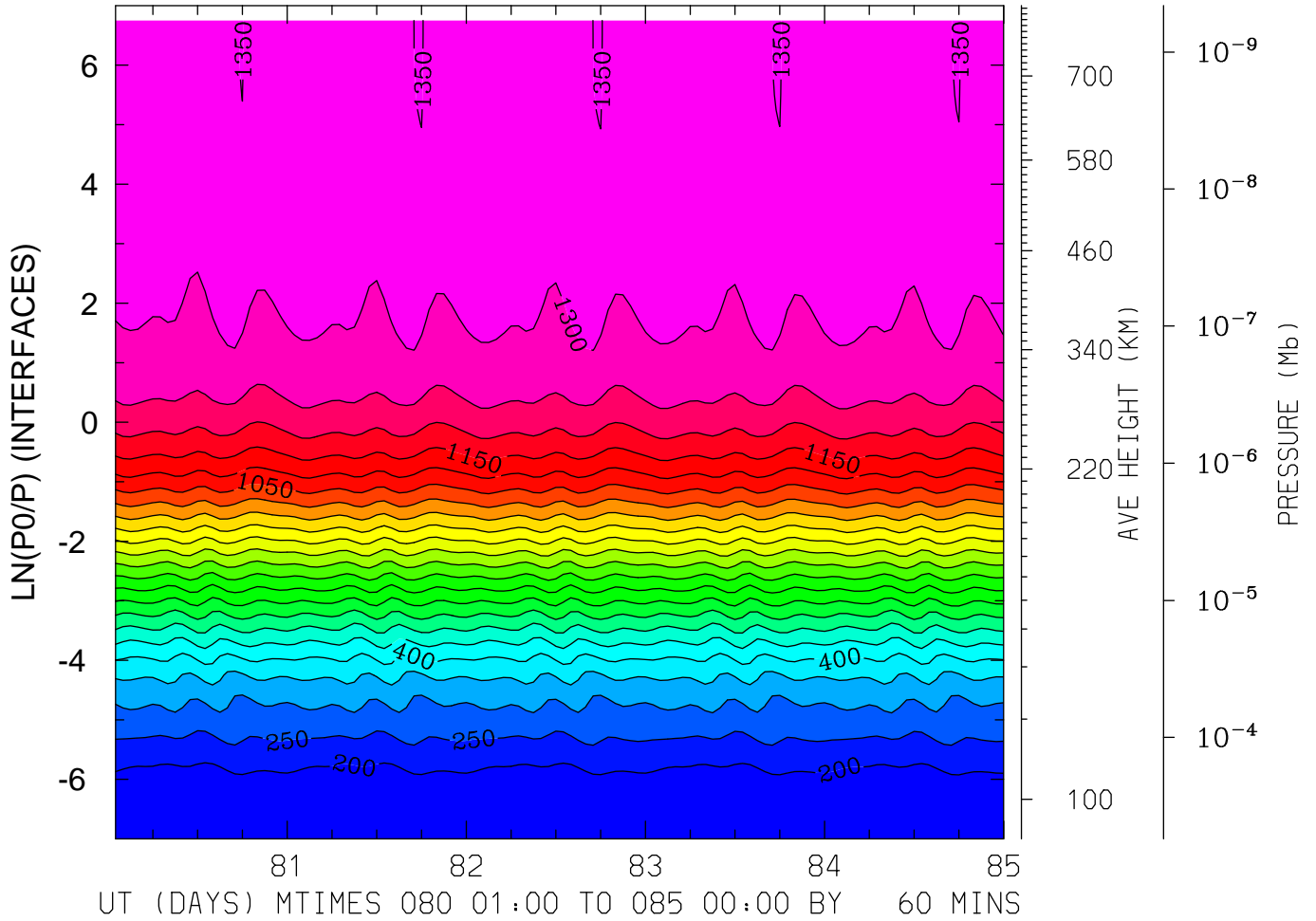
MIN,MAX= 1.6353E+02 1.1986E+03 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
LAT= 38.75 LOCAL TIME= 0.00



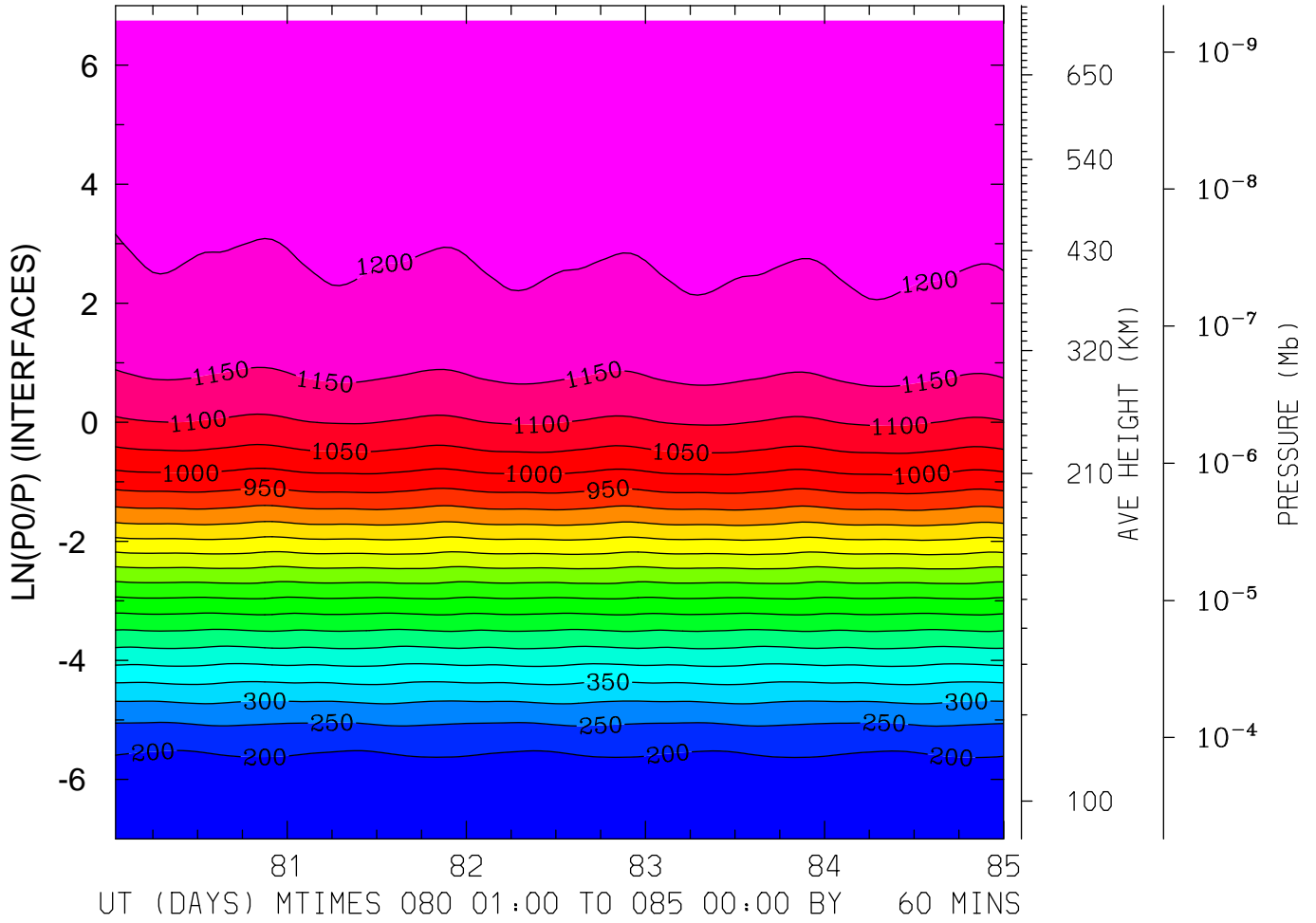
MIN,MAX= 1.7468E+02 1.1094E+03 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
LAT= 38.75 LOCAL TIME=12.00



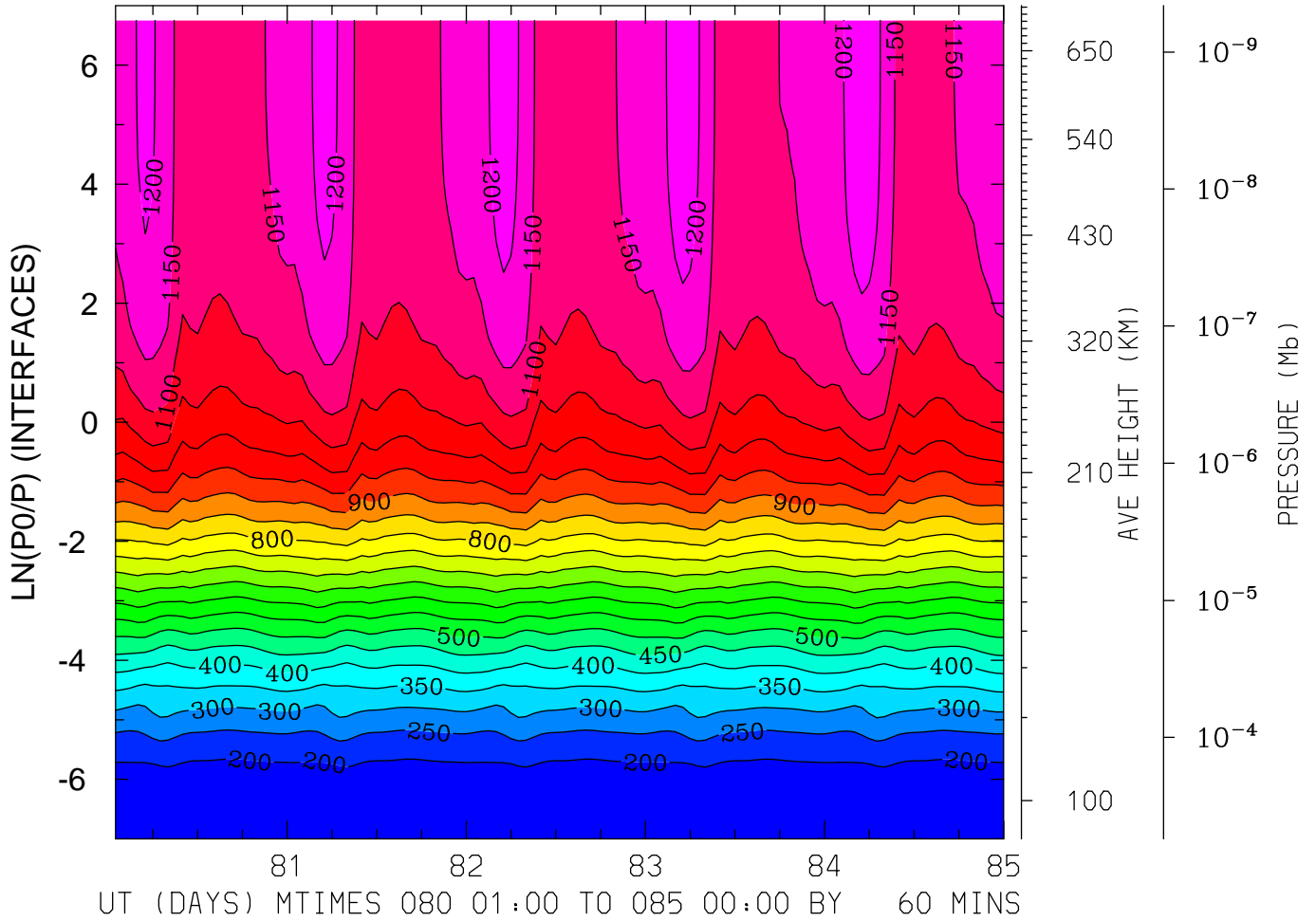
MIN,MAX= 1.6456E+02 1.3522E+03 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
LAT= 38.75 (ZONAL MEANS)



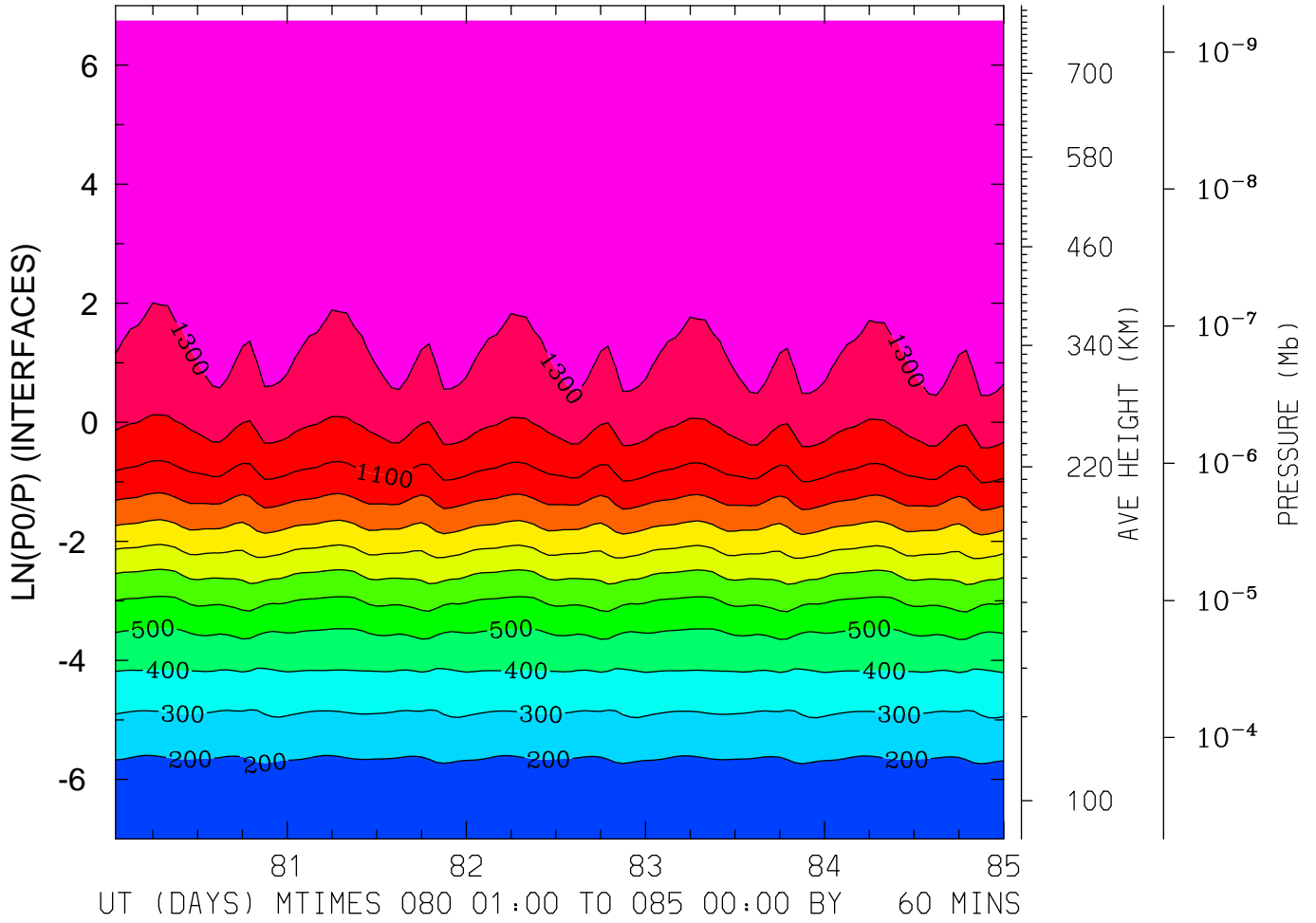
MIN,MAX= 1.6608E+02 1.2277E+03 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
LAT= 58.75 LOCAL TIME= 0.00



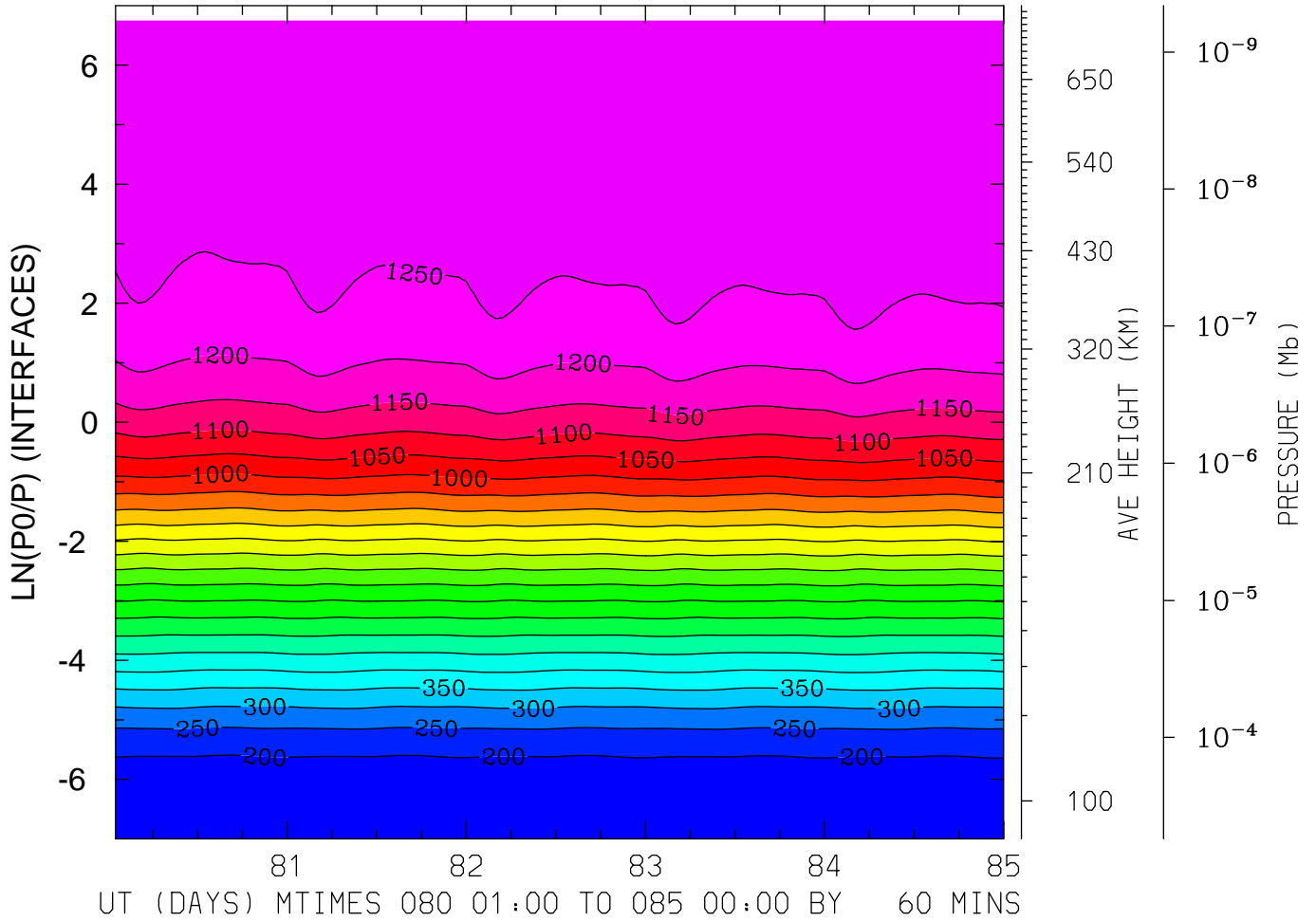
MIN,MAX= 1.6647E+02 1.2244E+03 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
LAT= 58.75 LOCAL TIME=12.00



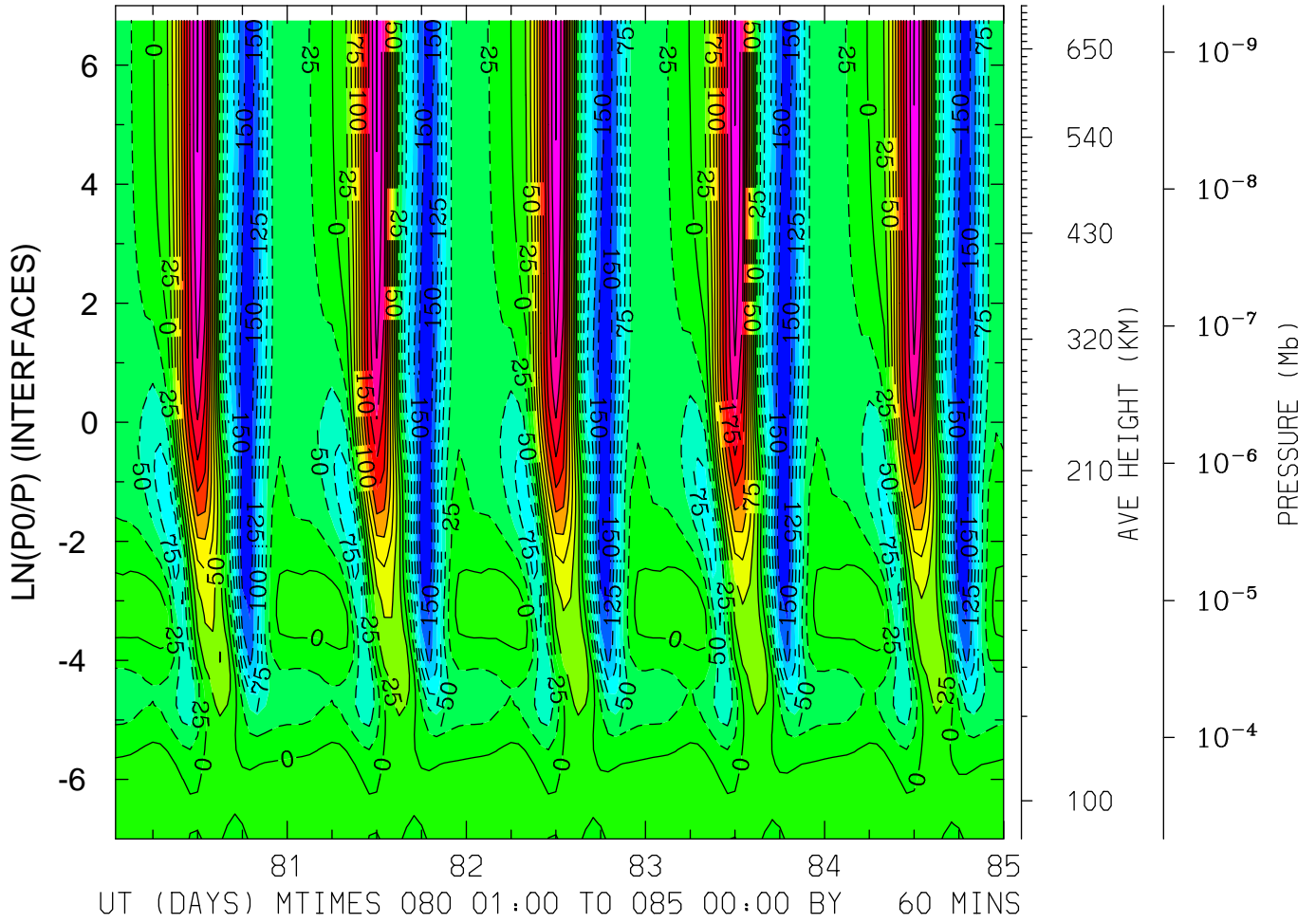
MIN,MAX= 1.6521E+02 1.3985E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
LAT= 58.75 (ZONAL MEANS)



MIN,MAX= 1.6653E+02 1.2967E+03 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

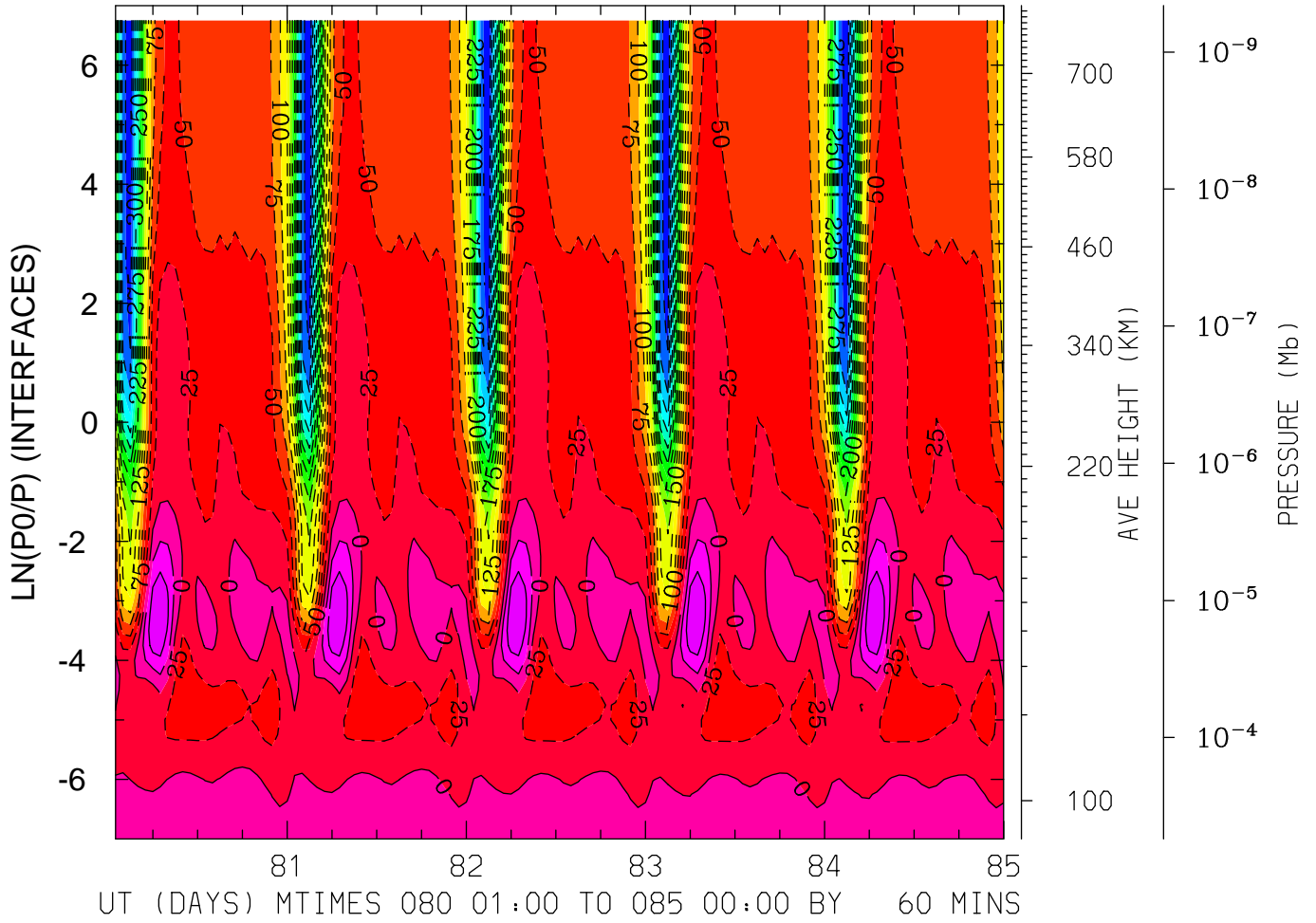
NEUTRAL ZONAL WIND (M/S)  
LAT=-61.25 LOCAL TIME= 0.00



MIN,MAX= -1.7332E+02 2.5253E+02 INTERVAL= 2.5000E+01  
FIRST: tiegcm2.0\_res2.5\_mareq\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareq\_smax\_sech\_005.nc

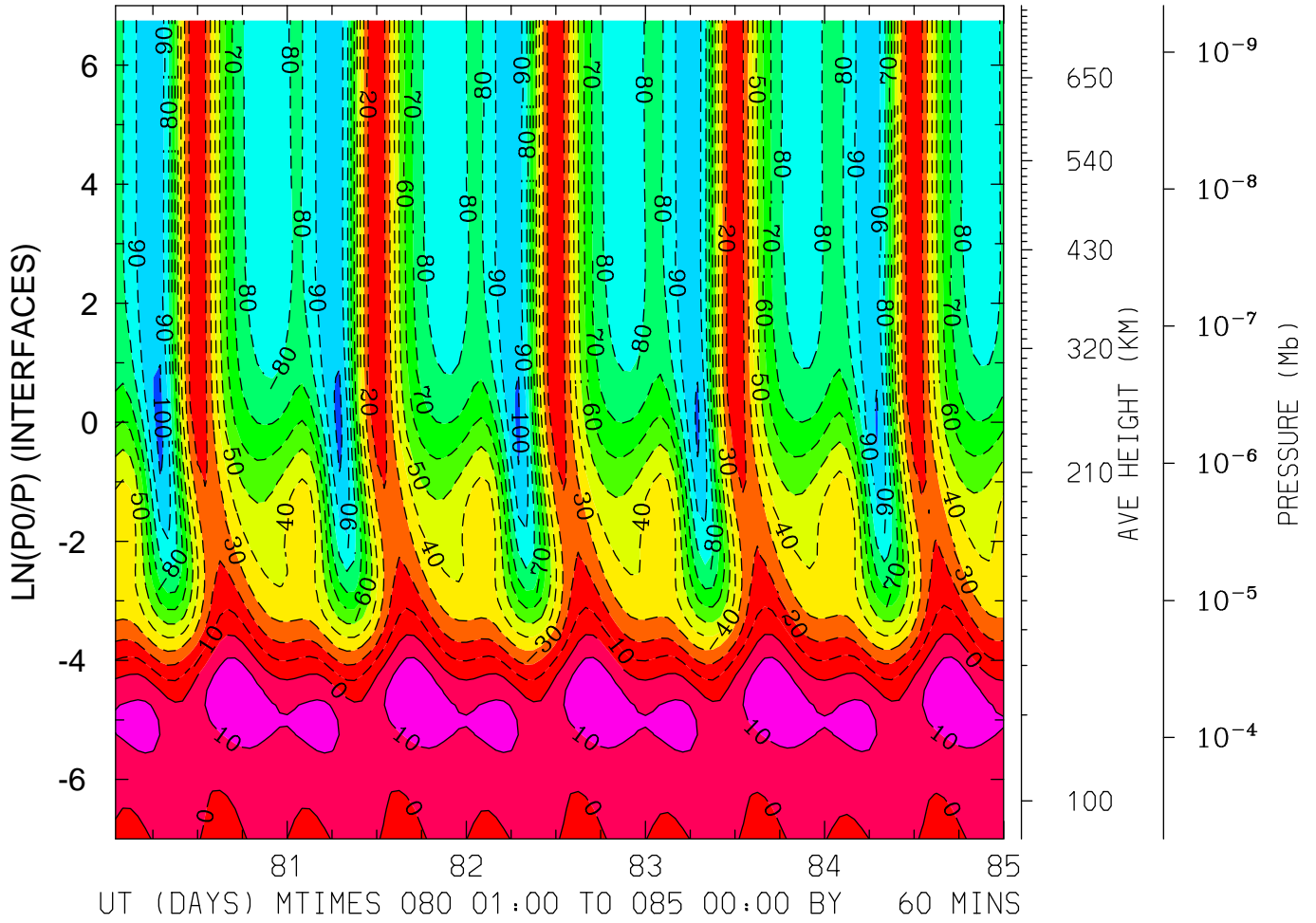


NEUTRAL ZONAL WIND (M/S)  
LAT=-61.25 LOCAL TIME=12.00



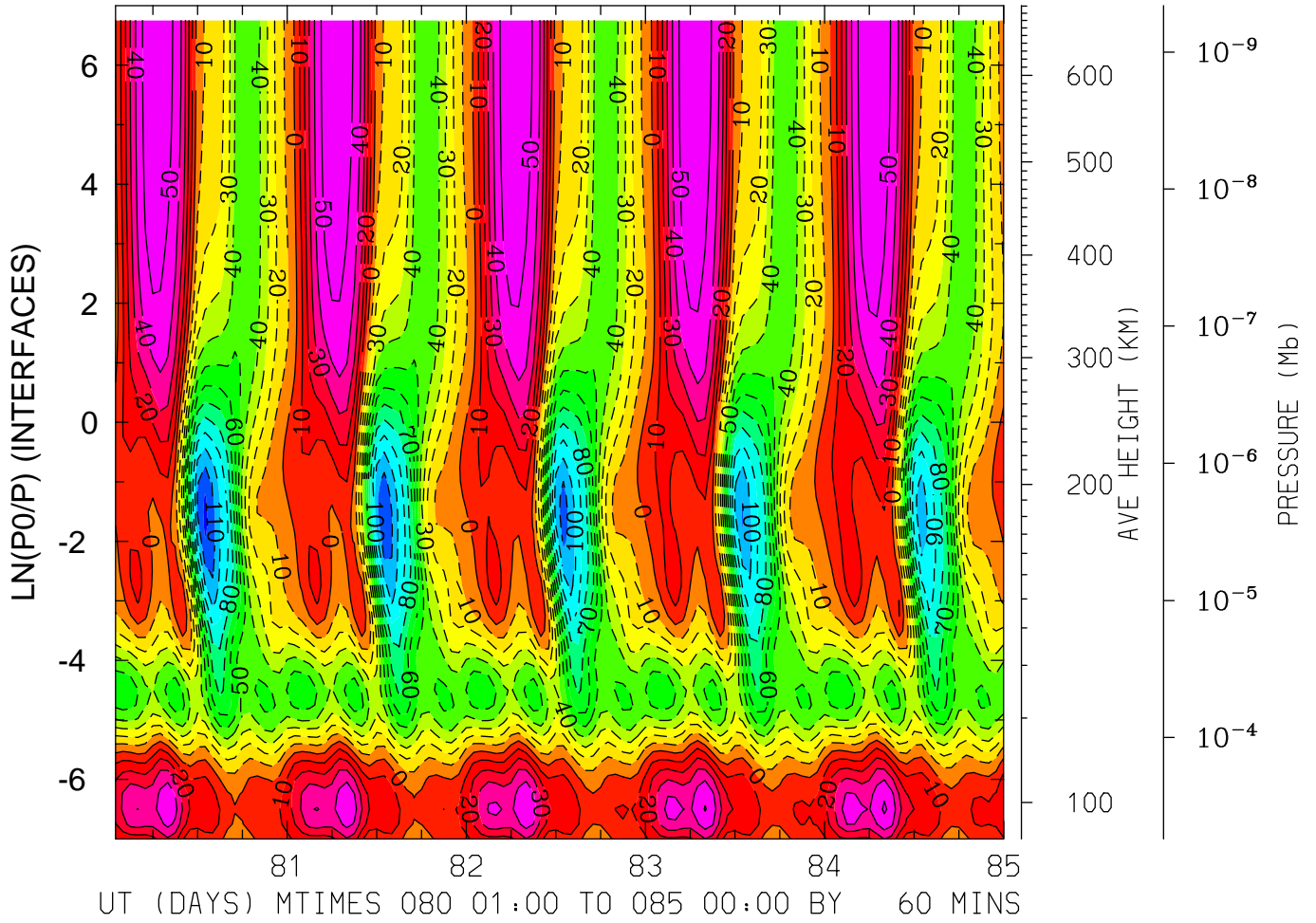
MIN,MAX= -3.7283E+02 7.2963E+01 INTERVAL= 2.5000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
LAT=-61.25 (ZONAL MEANS)



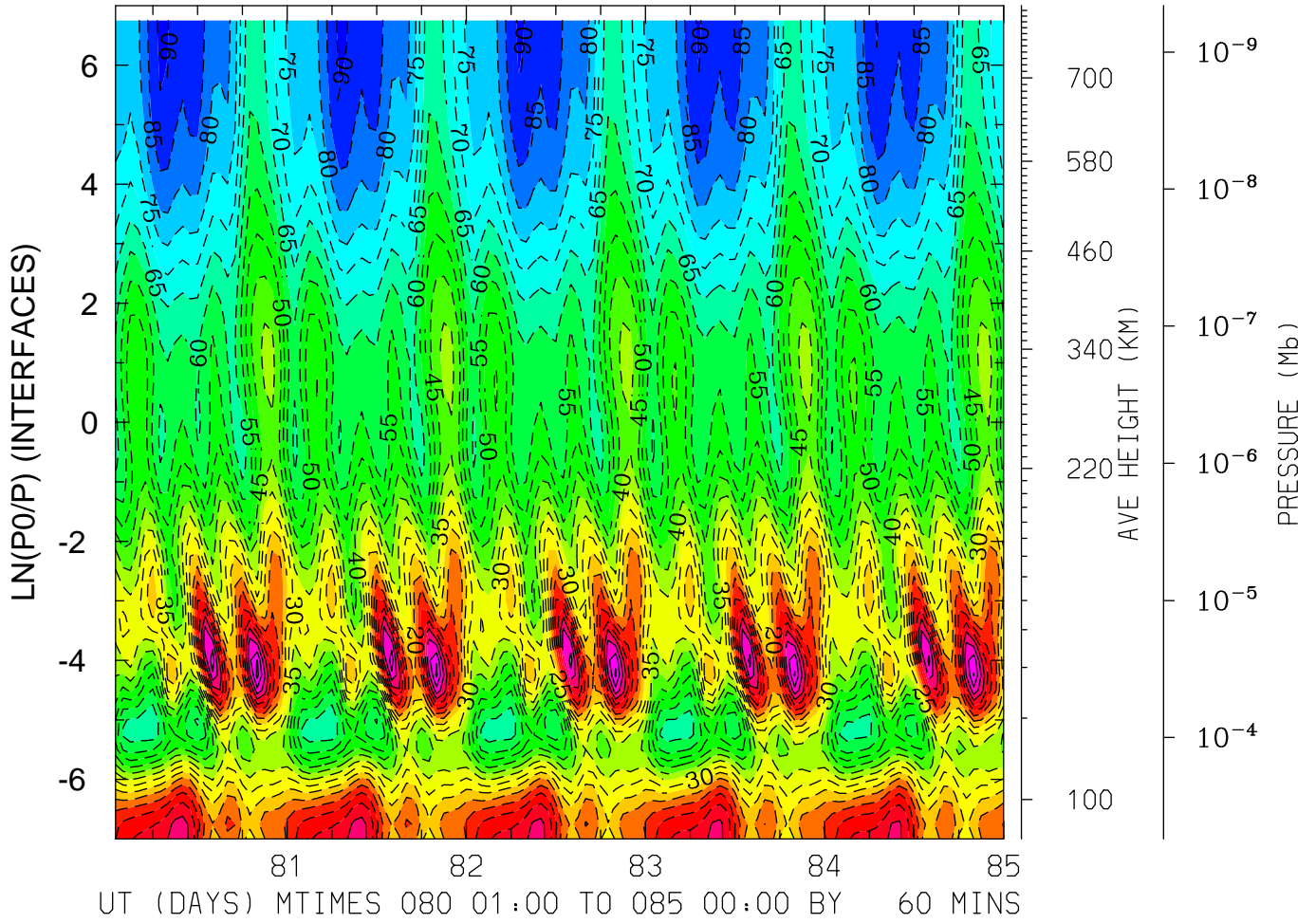
MIN,MAX= -1.0372E+02 1.6579E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
LAT=-41.25 LOCAL TIME= 0.00



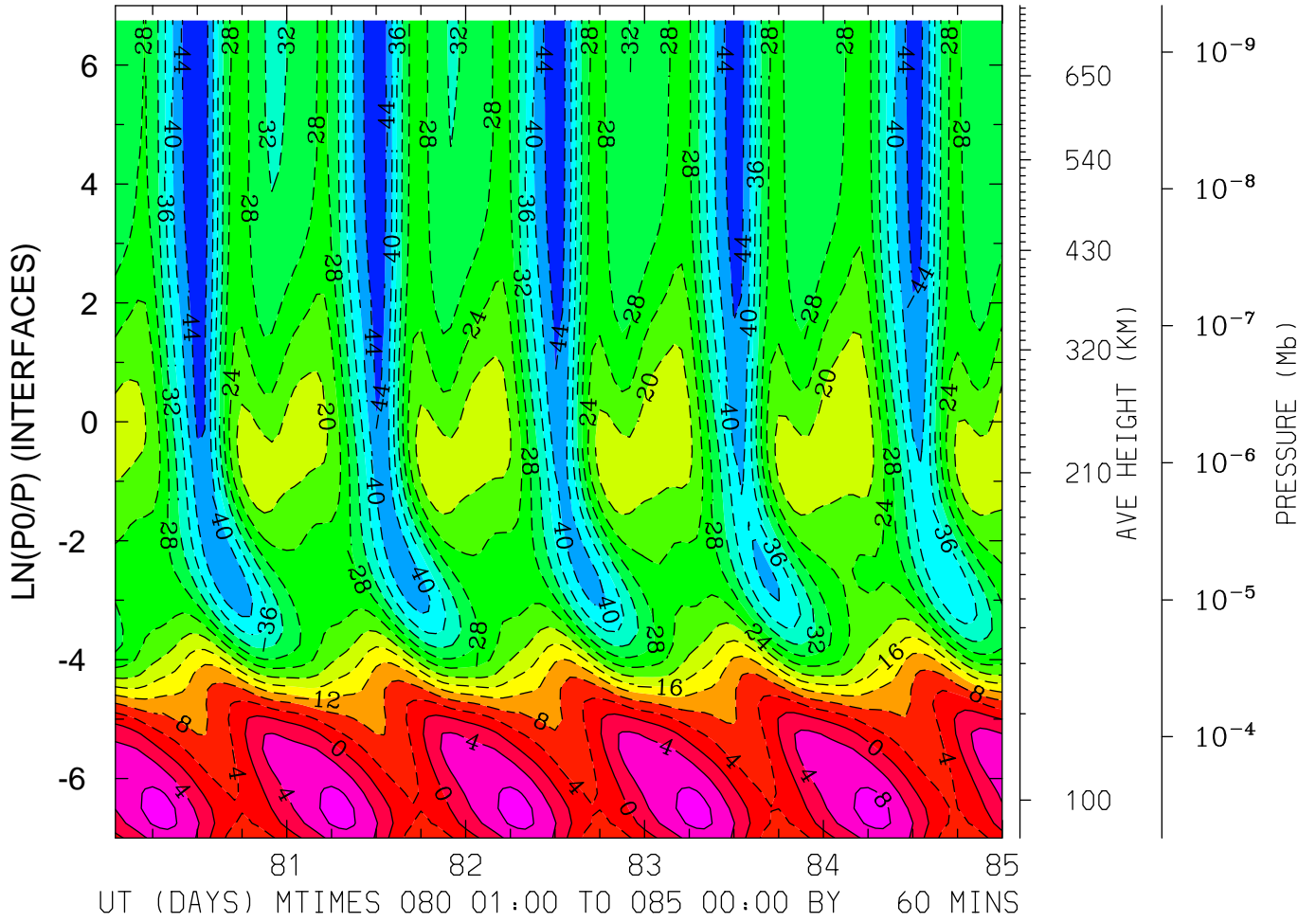
MIN,MAX= -1.2296E+02 5.9835E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
LAT=-41.25 LOCAL TIME=12.00



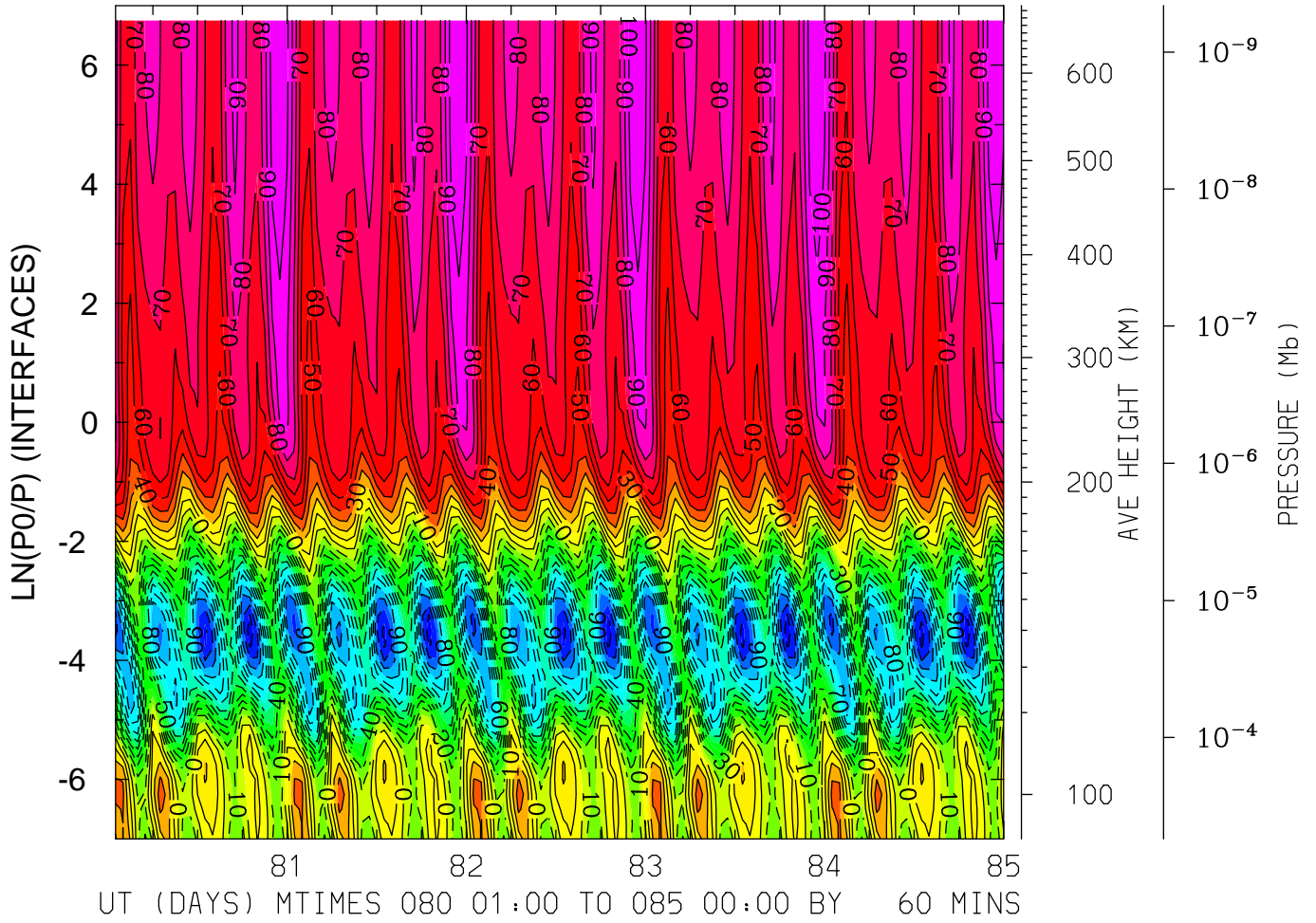
MIN,MAX= -9.1116E+01 1.6575E+01 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
LAT=-41.25 (ZONAL MEANS)



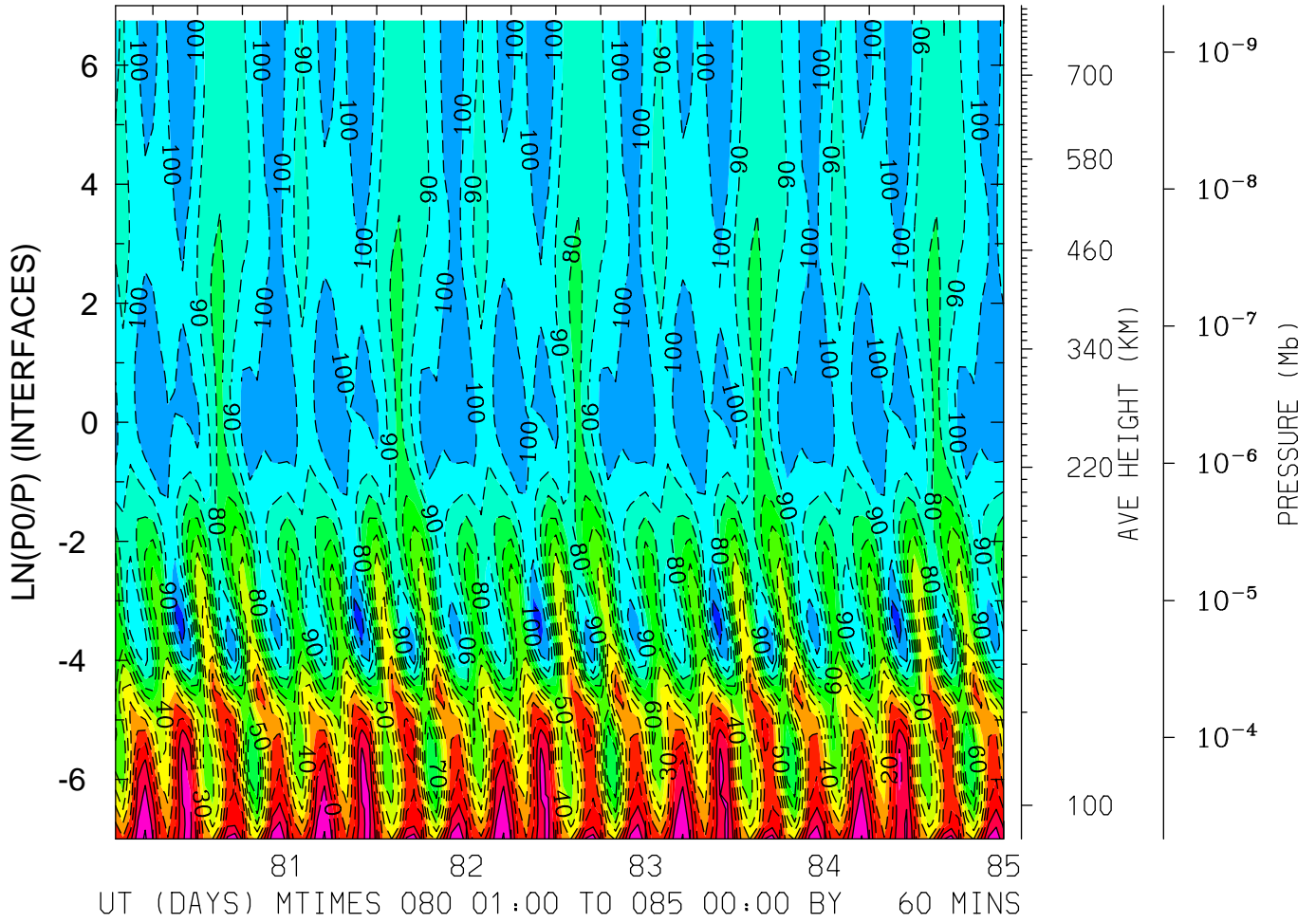
MIN,MAX= -4.7560E+01 9.6237E+00 INTERVAL= 4.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
LAT= -1.25 LOCAL TIME= 0.00



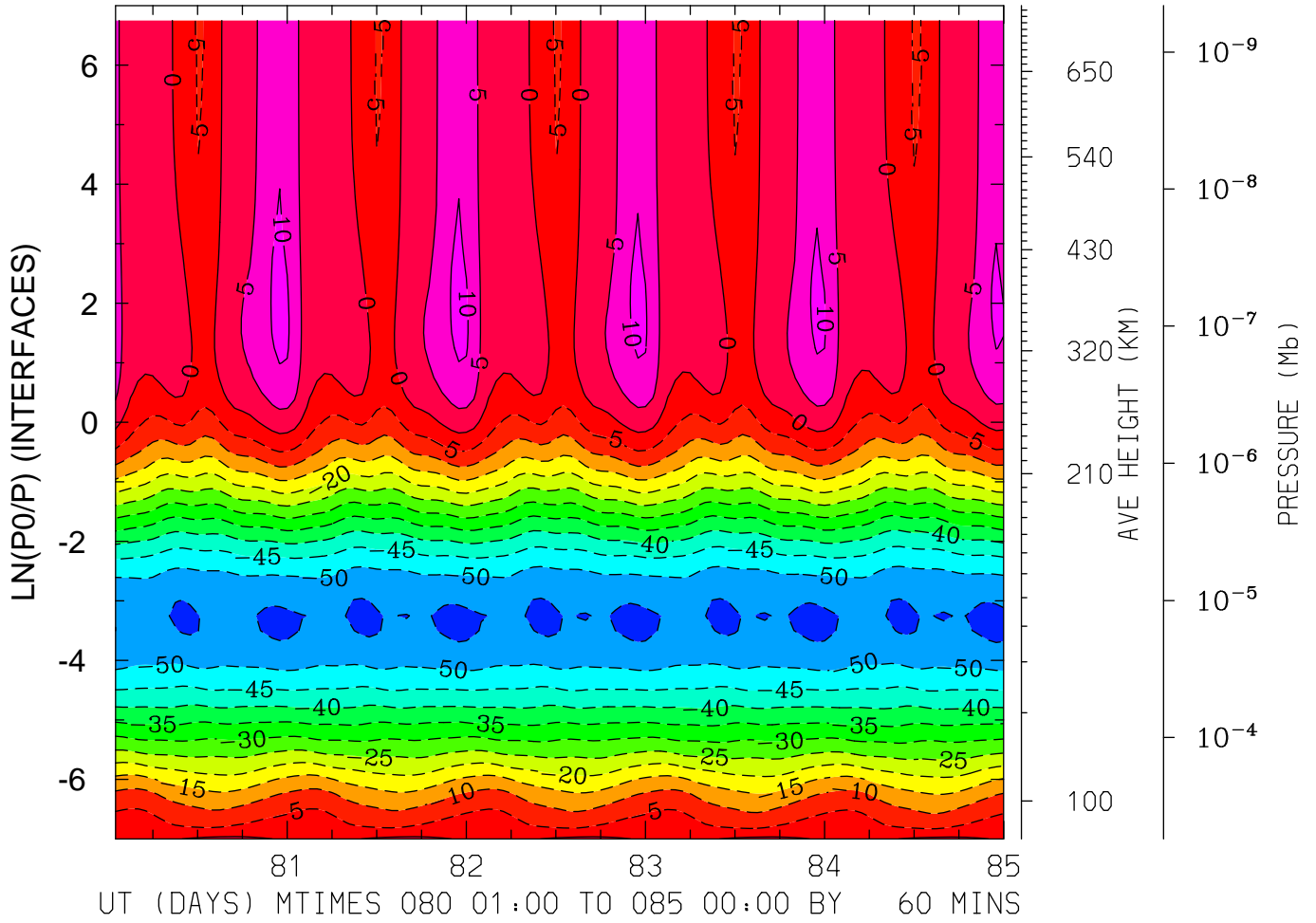
MIN,MAX= -1.2674E+02 1.0930E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
LAT= -1.25 LOCAL TIME=12.00



MIN,MAX= -1.1449E+02 2.1363E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

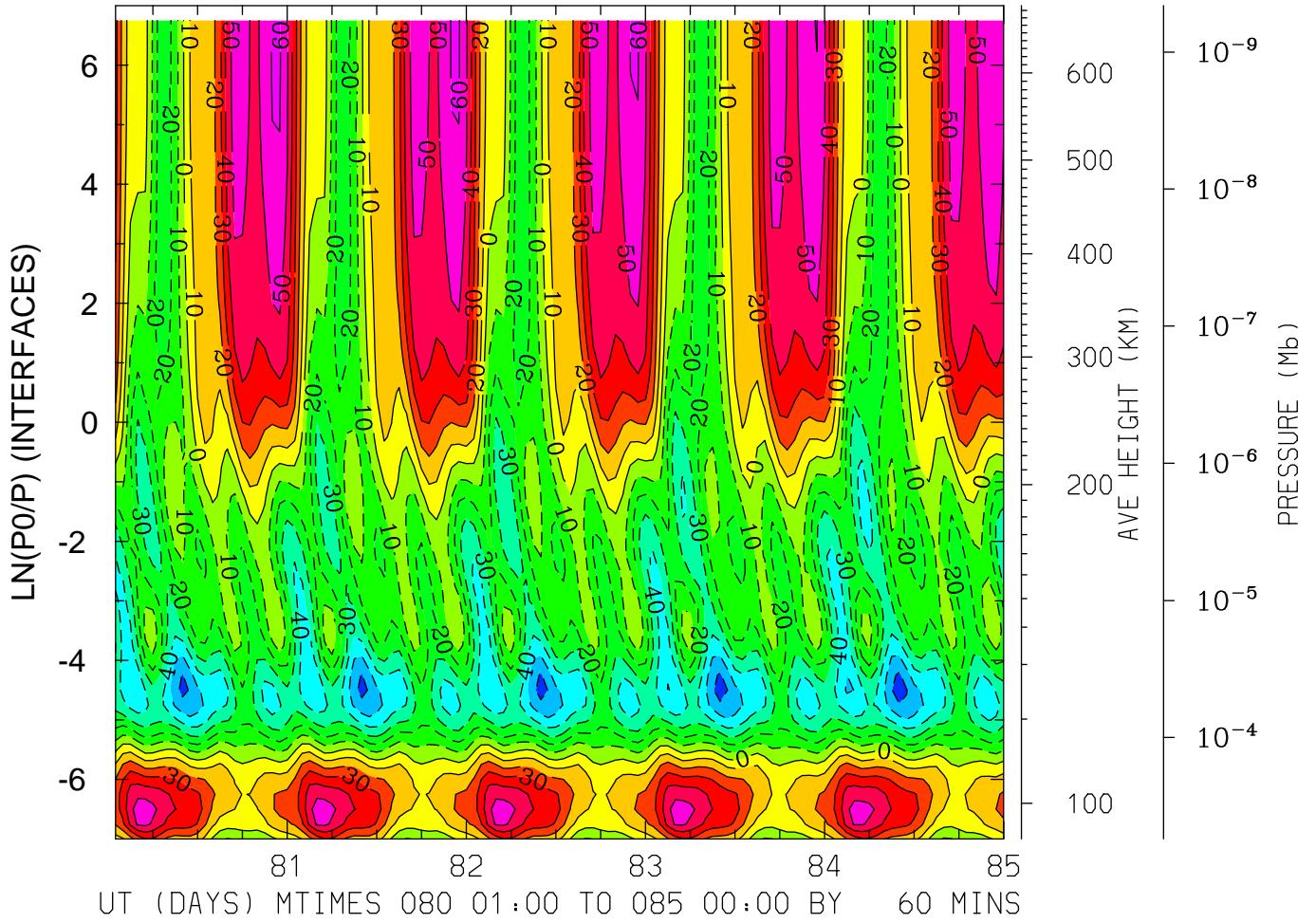
NEUTRAL ZONAL WIND (M/S)  
LAT= -1.25 (ZONAL MEANS)



MIN,MAX= -5.6096E+01 1.1731E+01 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

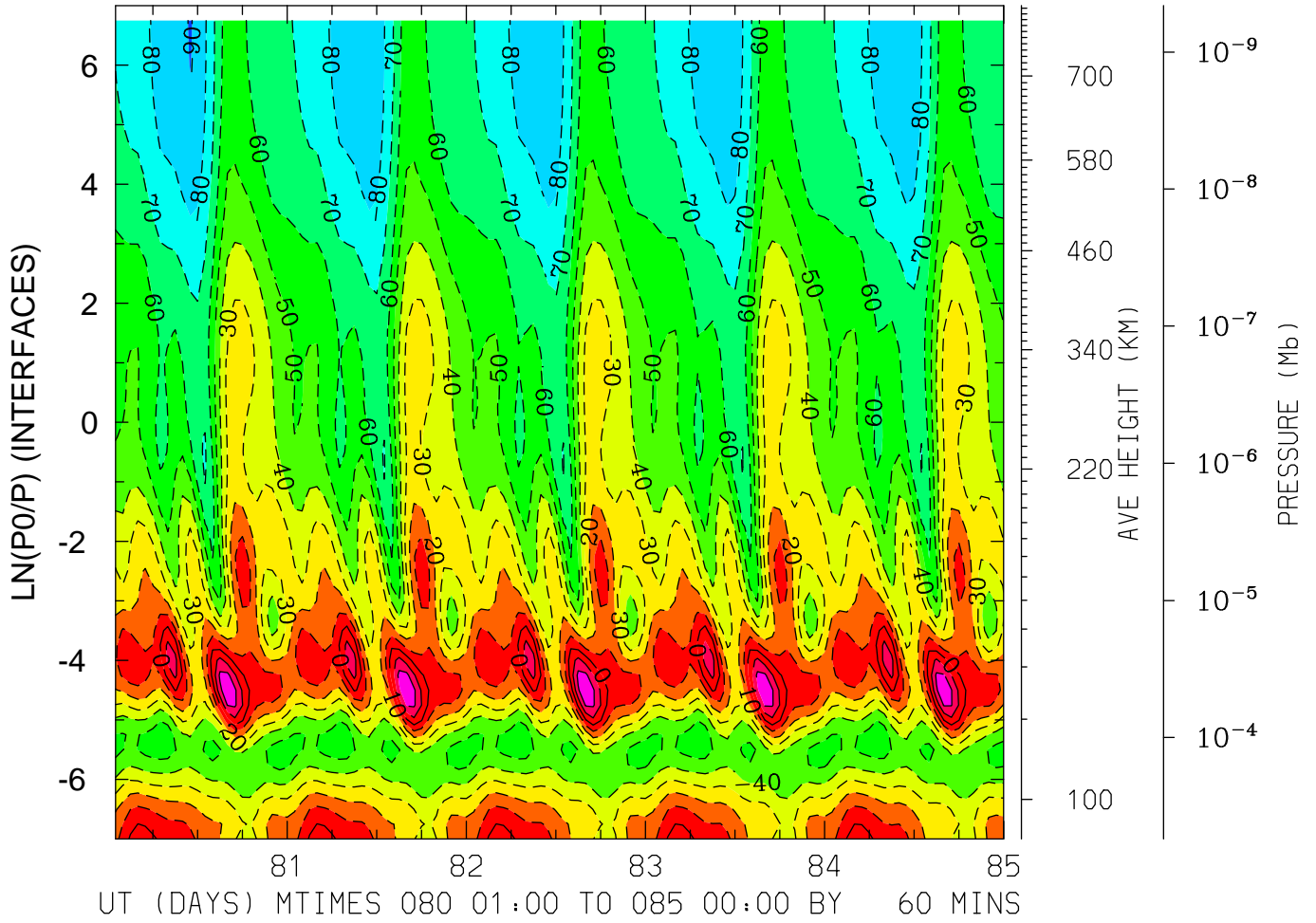


NEUTRAL ZONAL WIND (M/S)  
LAT= 38.75 LOCAL TIME= 0.00



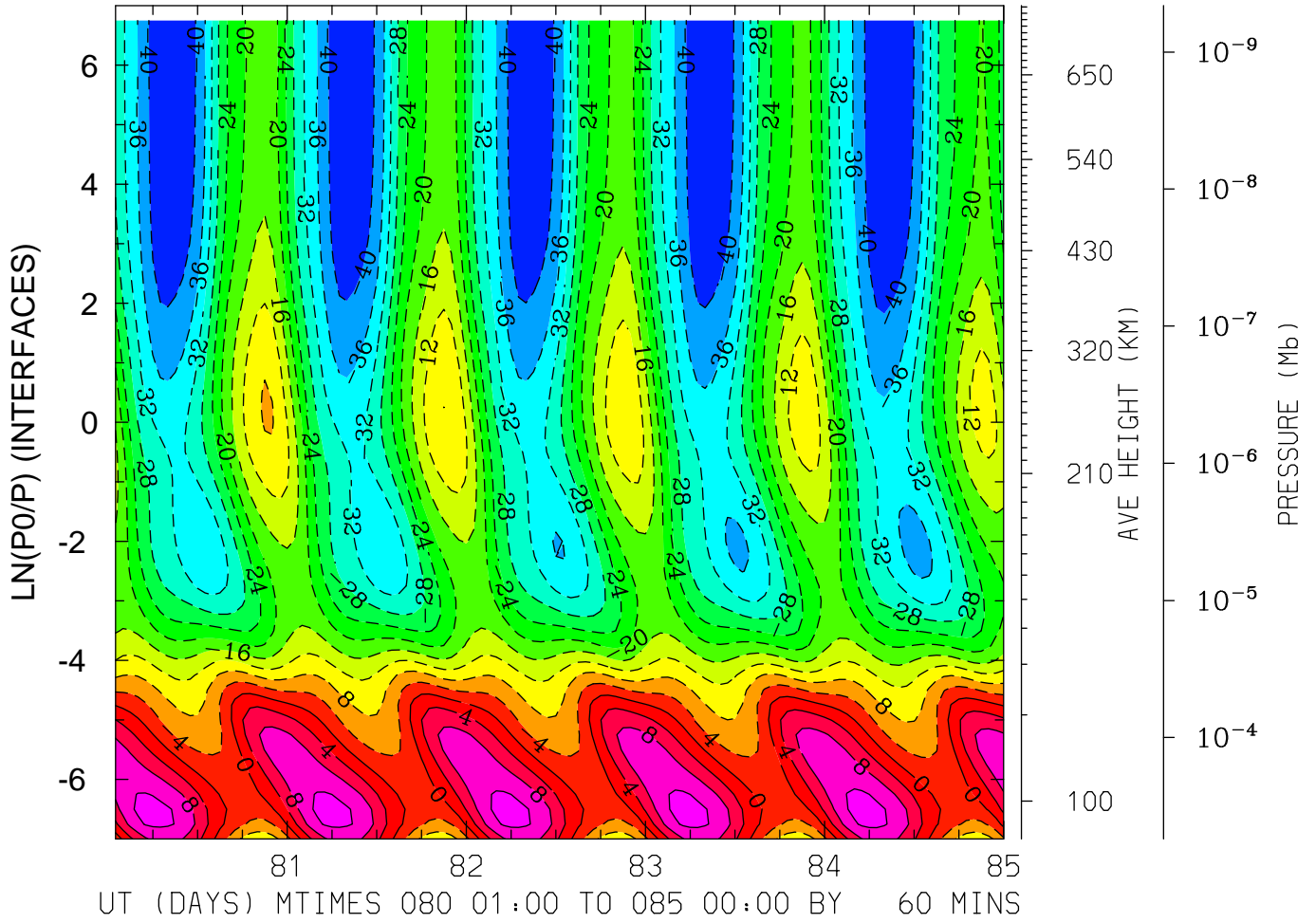
MIN,MAX= -6.4348E+01 6.1059E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
LAT= 38.75 LOCAL TIME=12.00



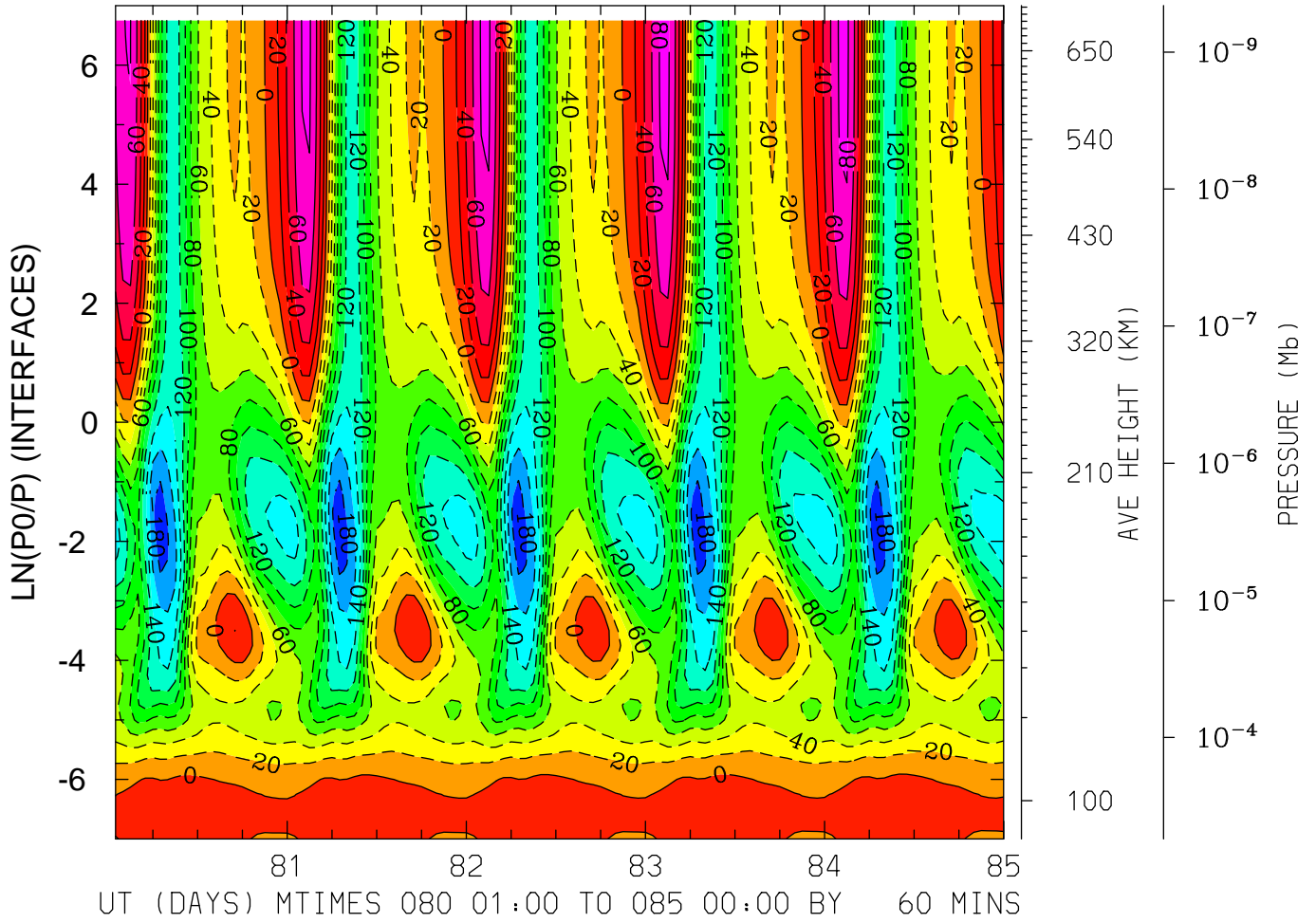
MIN,MAX= -9.0626E+01 2.9836E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
LAT= 38.75 (ZONAL MEANS)



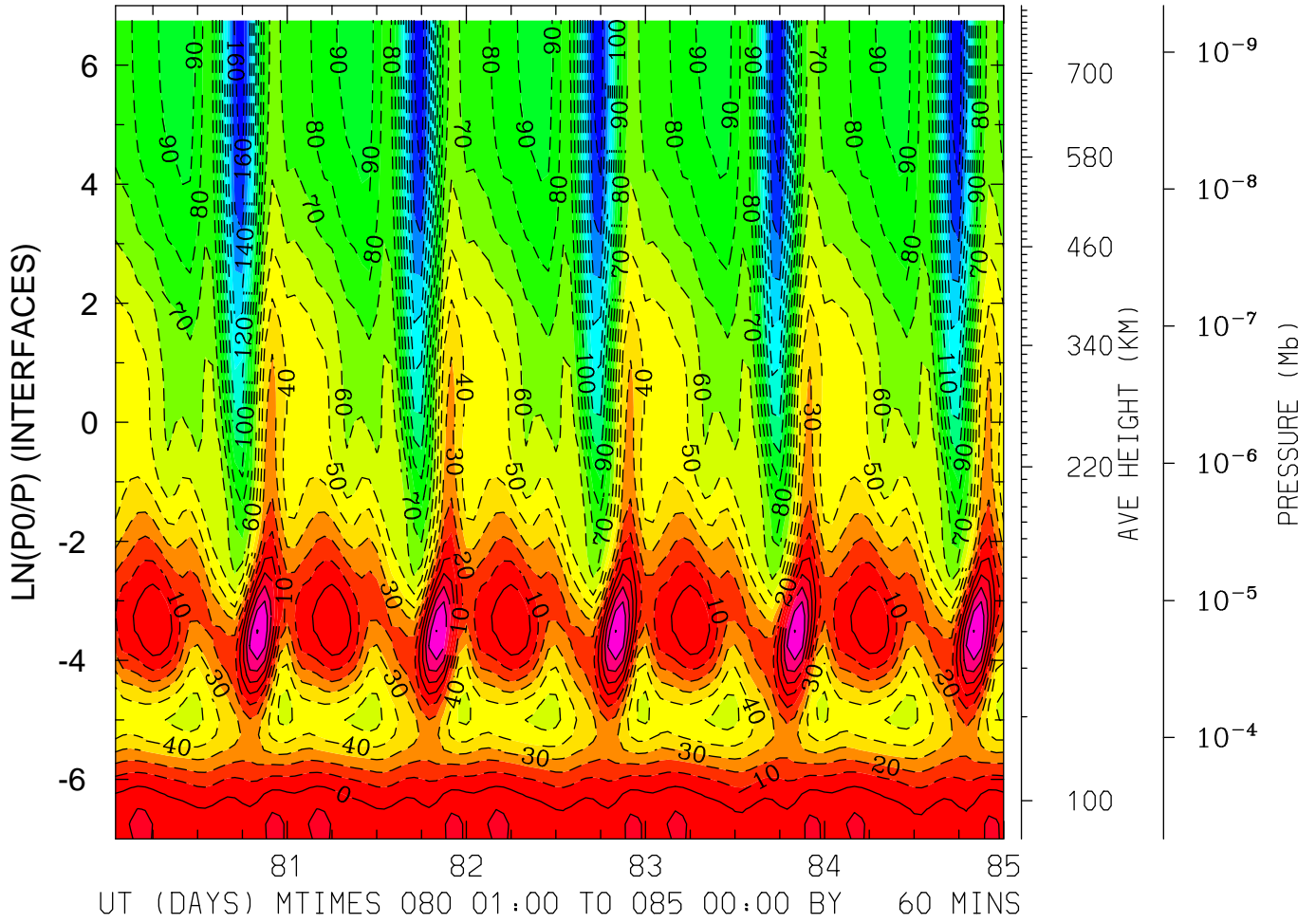
MIN,MAX= -4.4012E+01 1.3683E+01 INTERVAL= 4.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
LAT= 58.75 LOCAL TIME= 0.00



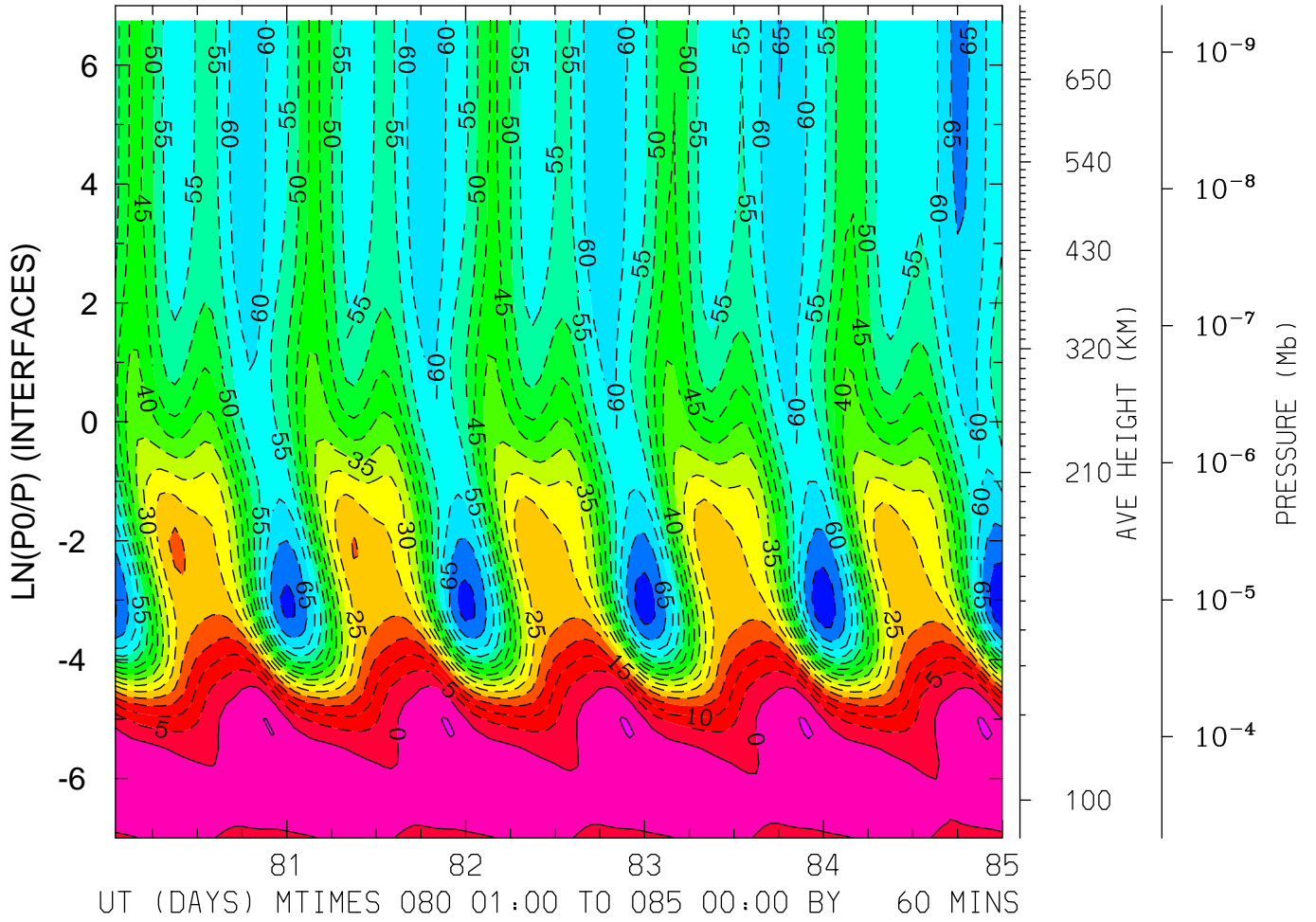
MIN,MAX= -1.9341E+02 8.4665E+01 INTERVAL= 2.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
LAT= 58.75 LOCAL TIME=12.00



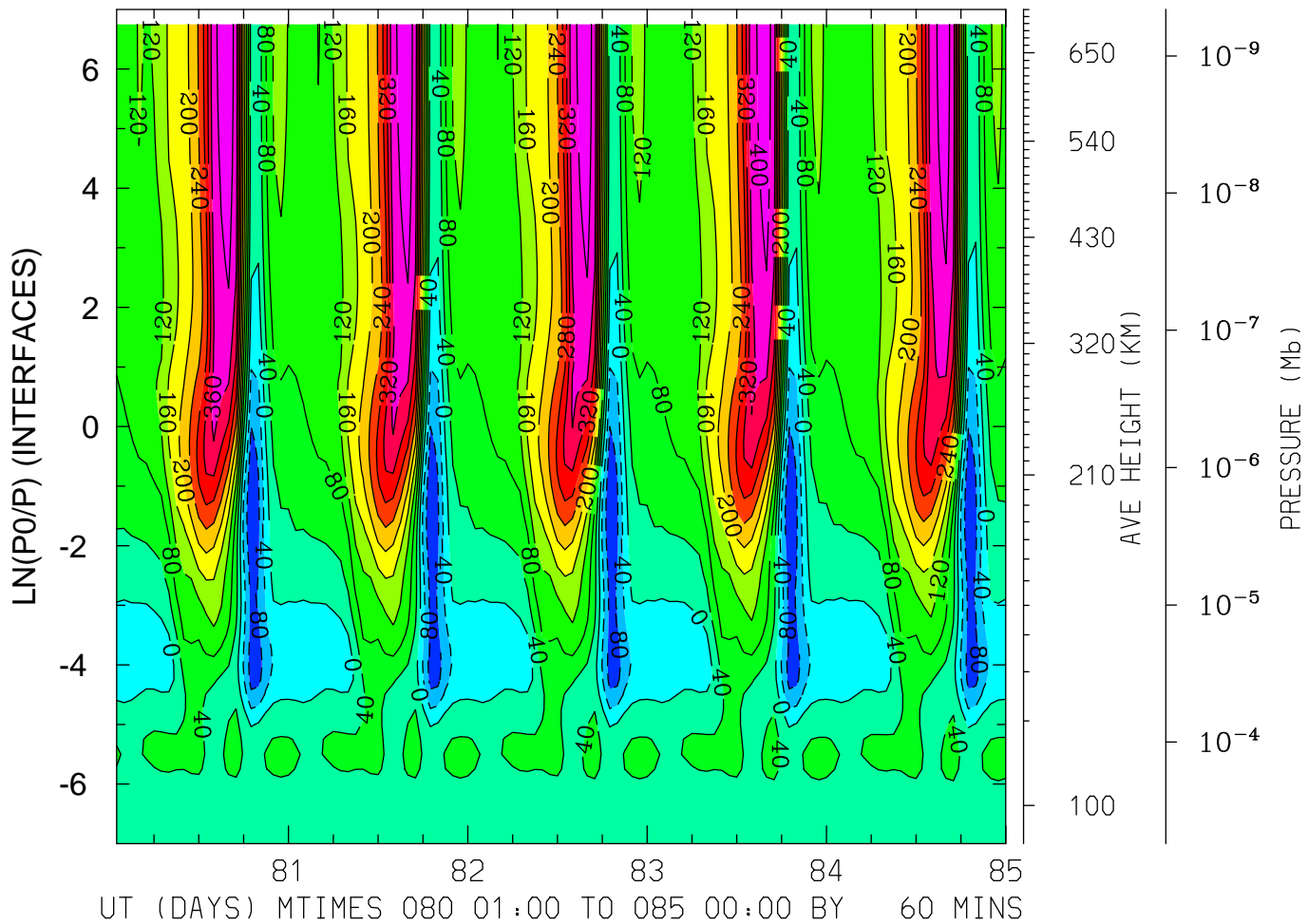
MIN,MAX= -1.6809E+02 4.0362E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
LAT= 58.75 (ZONAL MEANS)



MIN,MAX= -7.3604E+01 5.3259E+00 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
LAT=-61.25 LOCAL TIME= 0.00

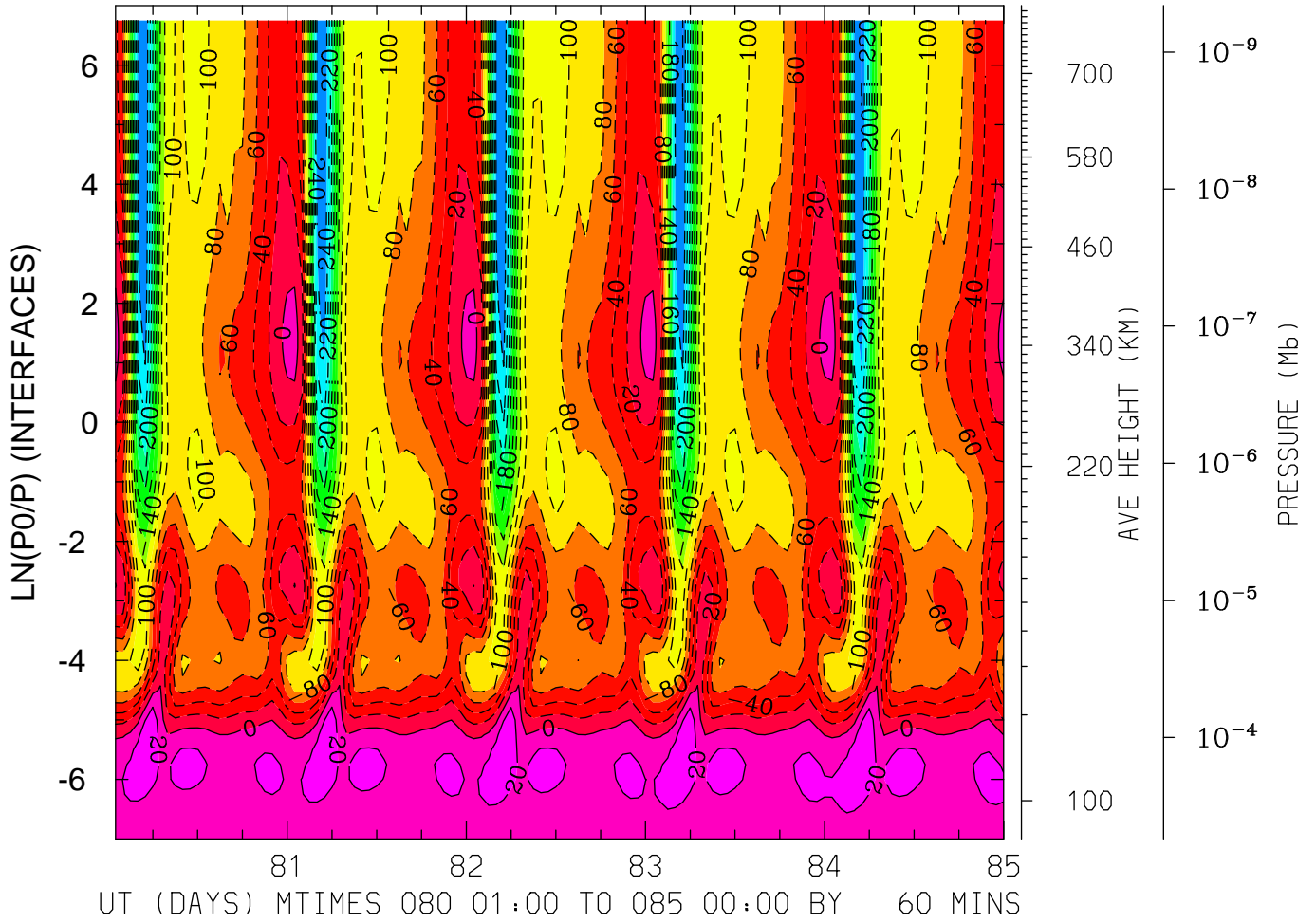


MIN,MAX= -1.1973E+02 4.2409E+02 INTERVAL= 4.0000E+01

FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc

LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

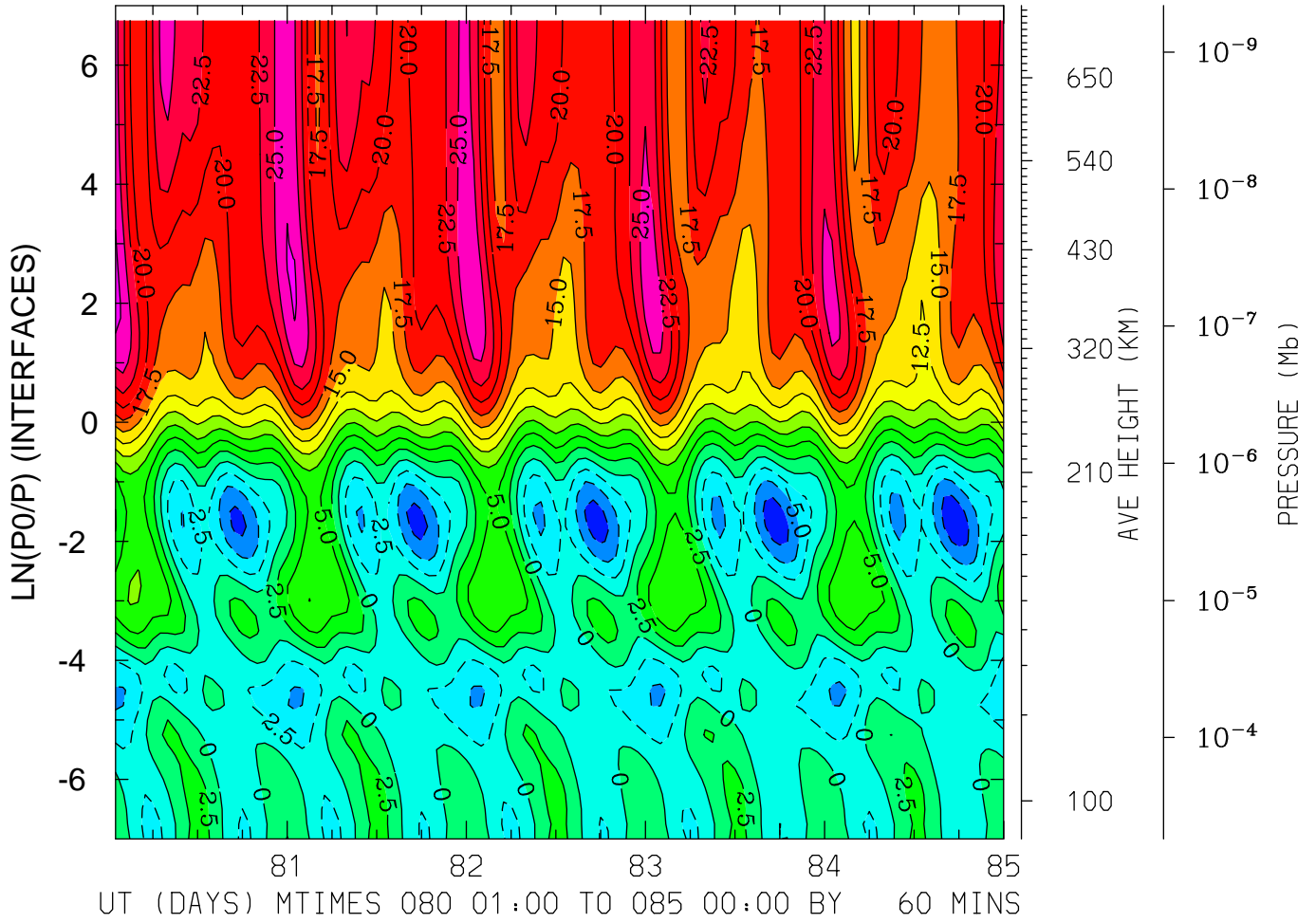
NEUTRAL MERIDIONAL WIND (M/S)  
 LAT=-61.25 LOCAL TIME=12.00



MIN,MAX= -2.6169E+02 3.5234E+01 INTERVAL= 2.0000E+01  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

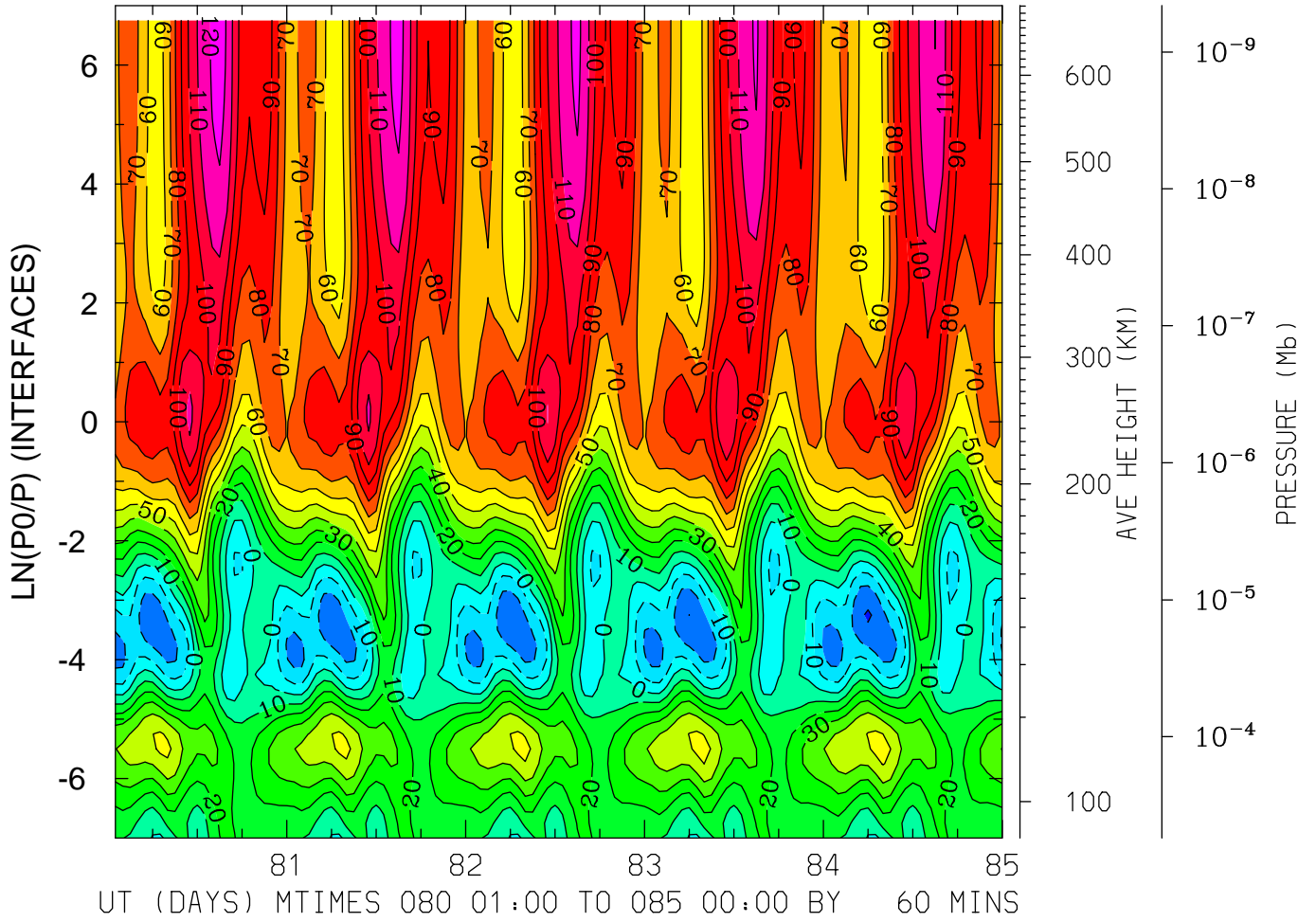


NEUTRAL MERIDIONAL WIND (M/S)  
LAT=-61.25 (ZONAL MEANS)



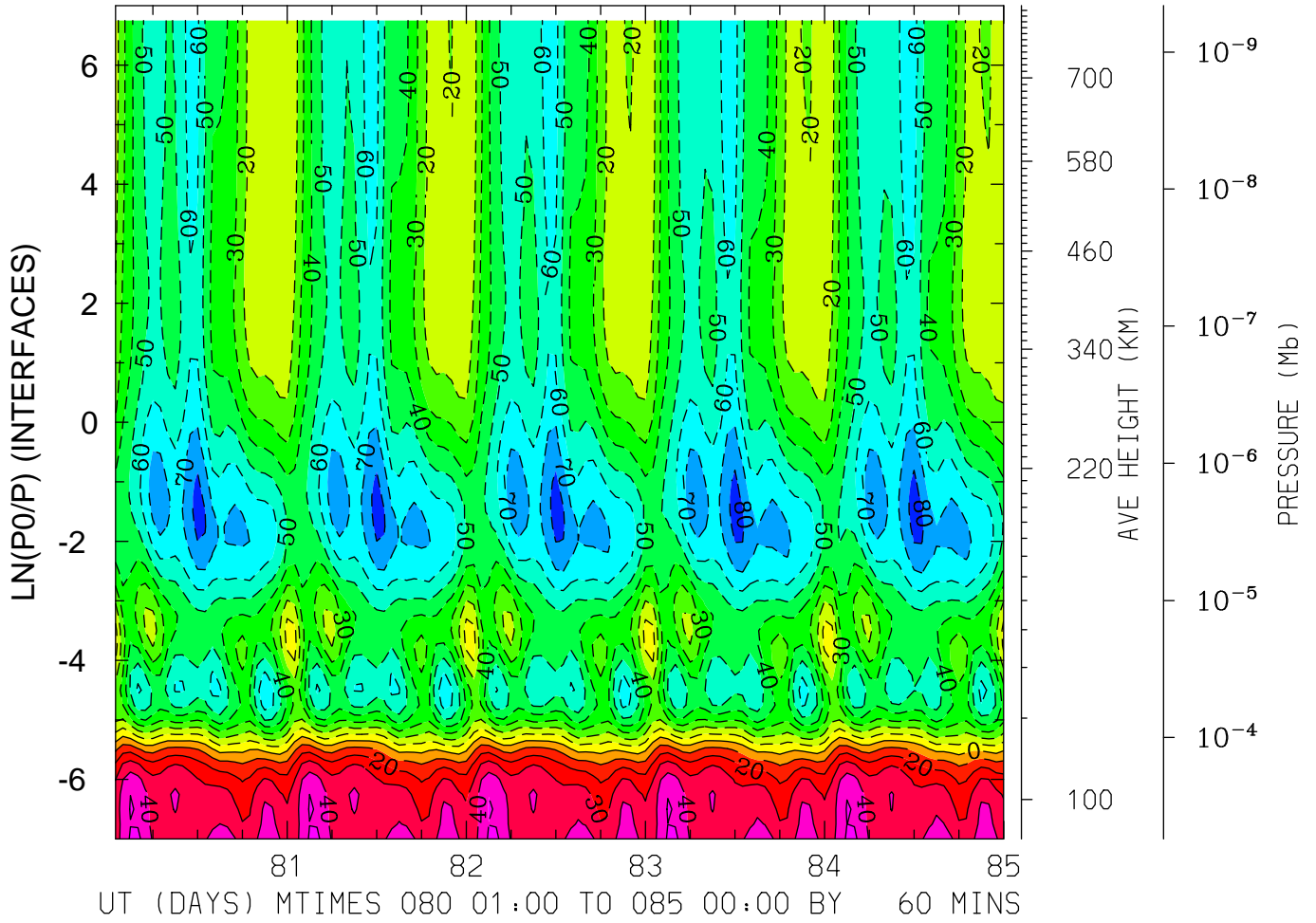
MIN,MAX= -9.0124E+00 2.8245E+01 INTERVAL= 2.5000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
LAT=-41.25 LOCAL TIME= 0.00



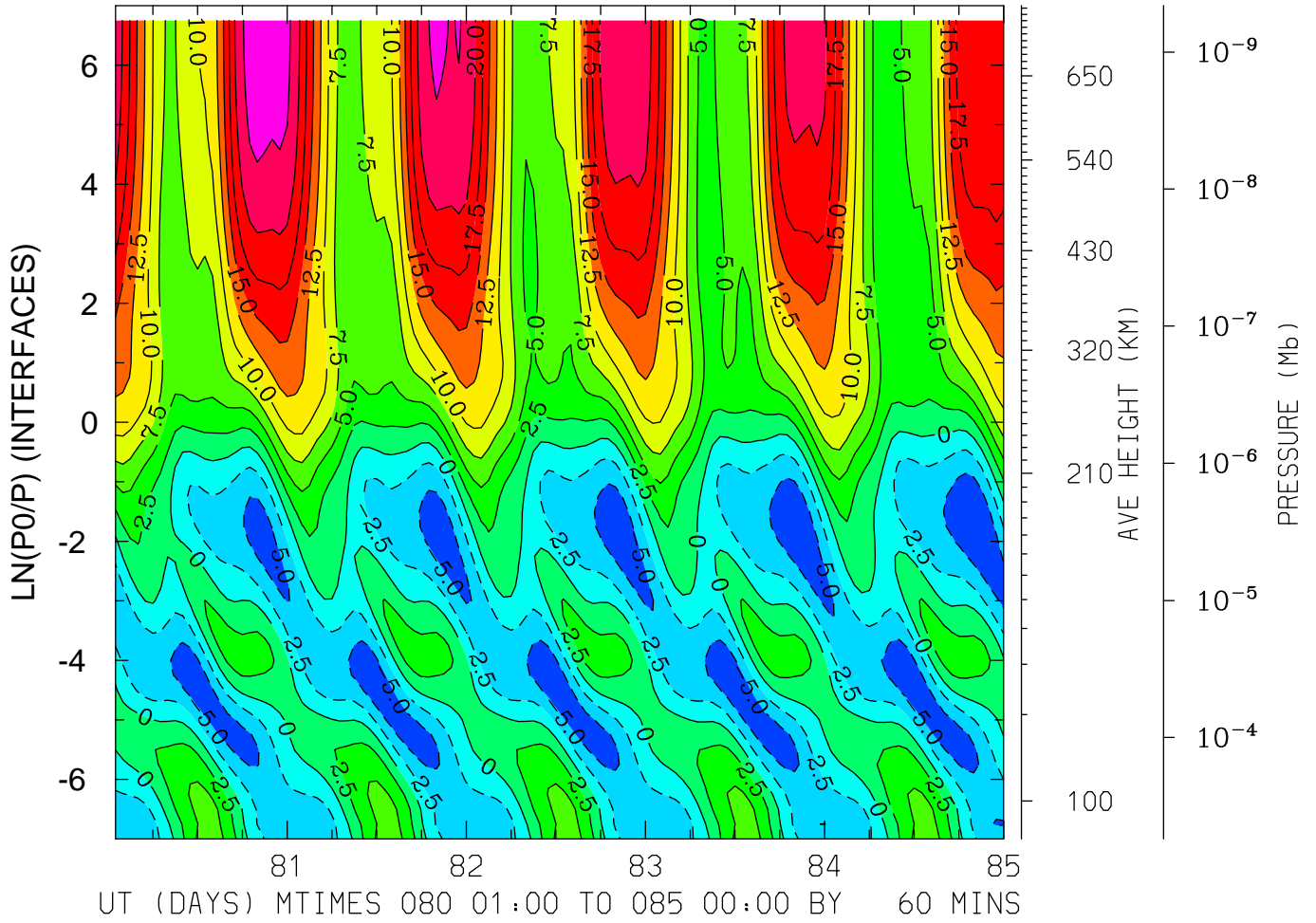
MIN,MAX= -3.1119E+01 1.2400E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
LAT=-41.25 LOCAL TIME=12.00



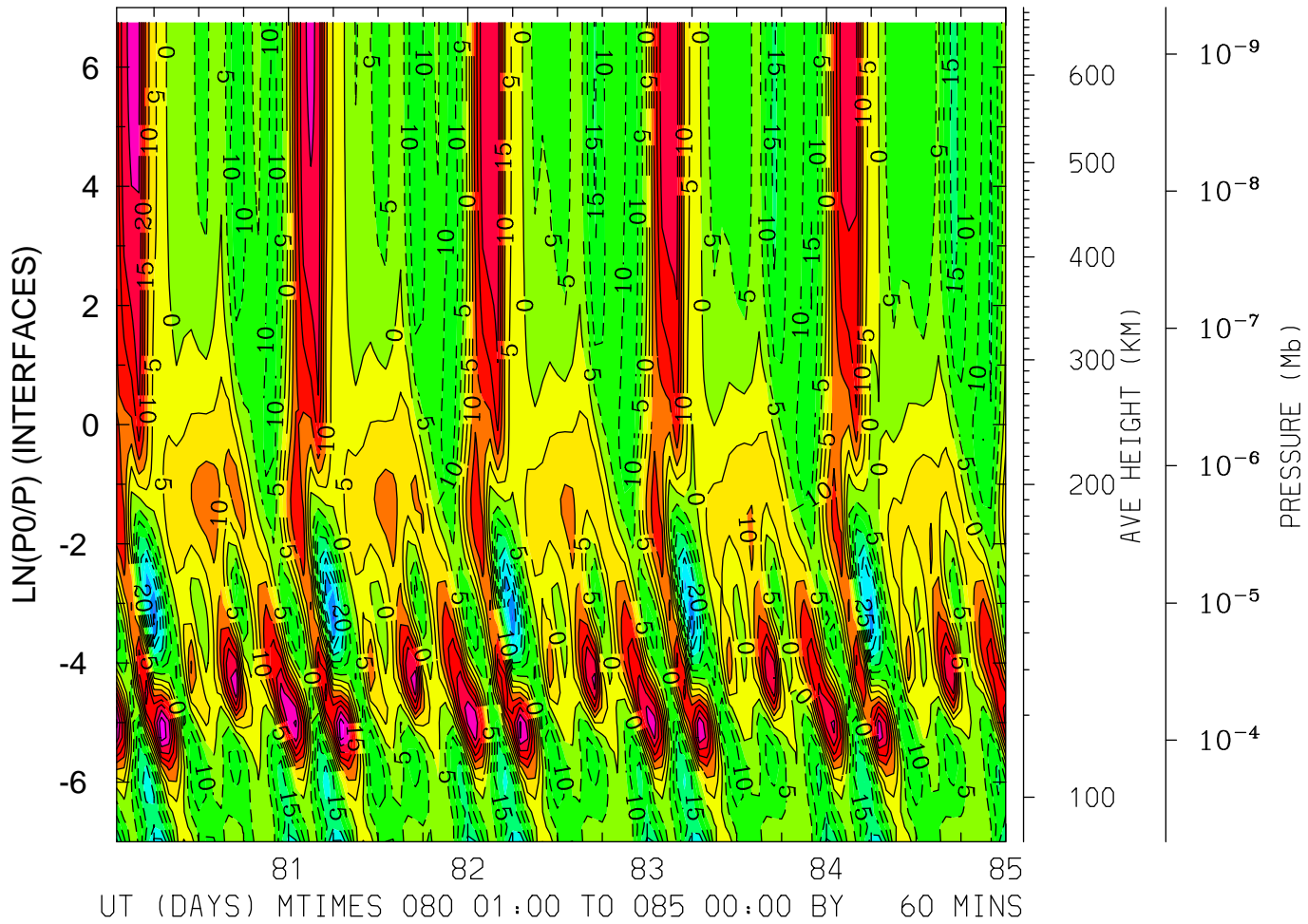
MIN,MAX= -8.4471E+01 5.2120E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
LAT=-41.25 (ZONAL MEANS)



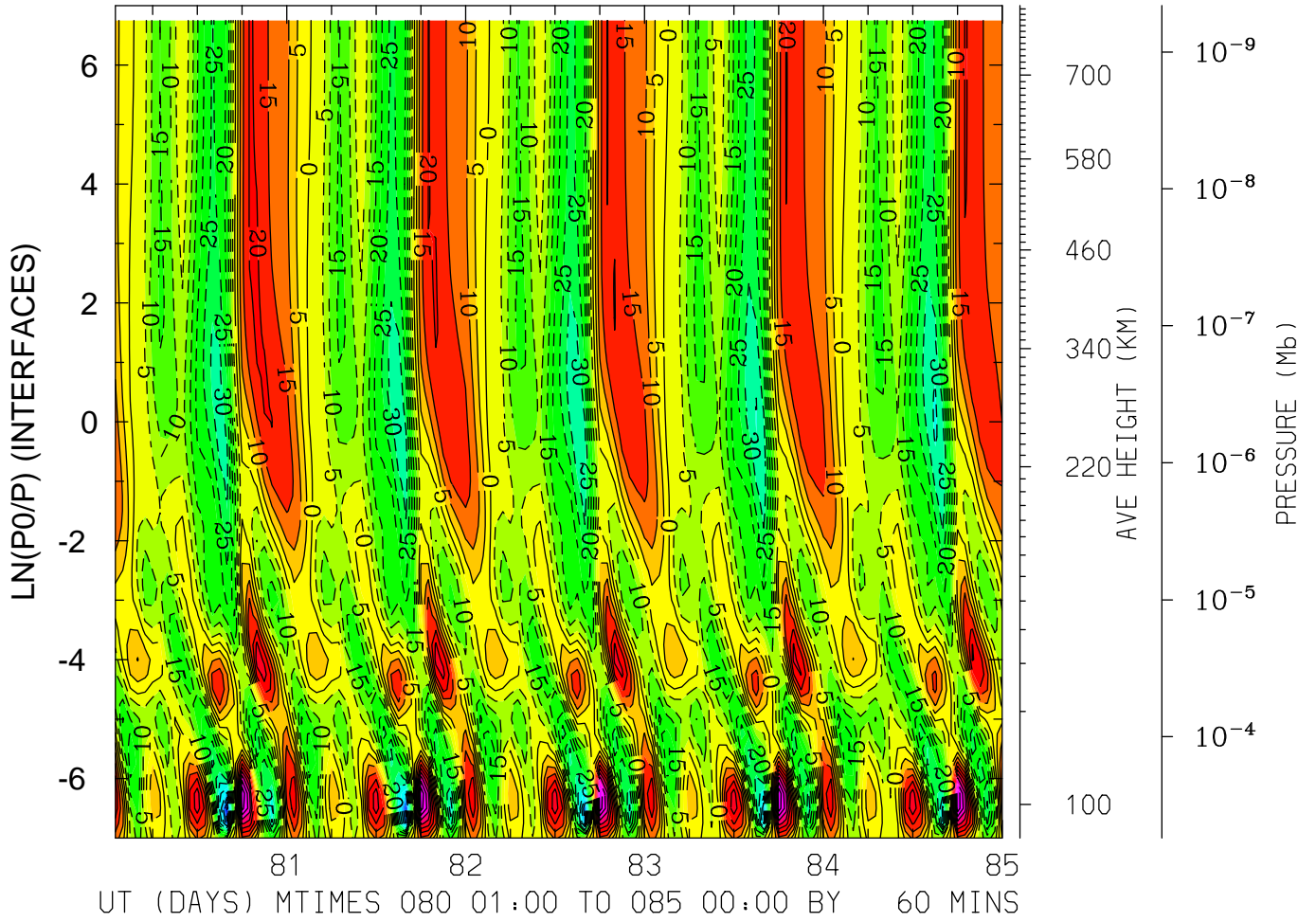
MIN,MAX= -7.1402E+00 2.3979E+01 INTERVAL= 2.5000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
LAT= -1.25 LOCAL TIME= 0.00



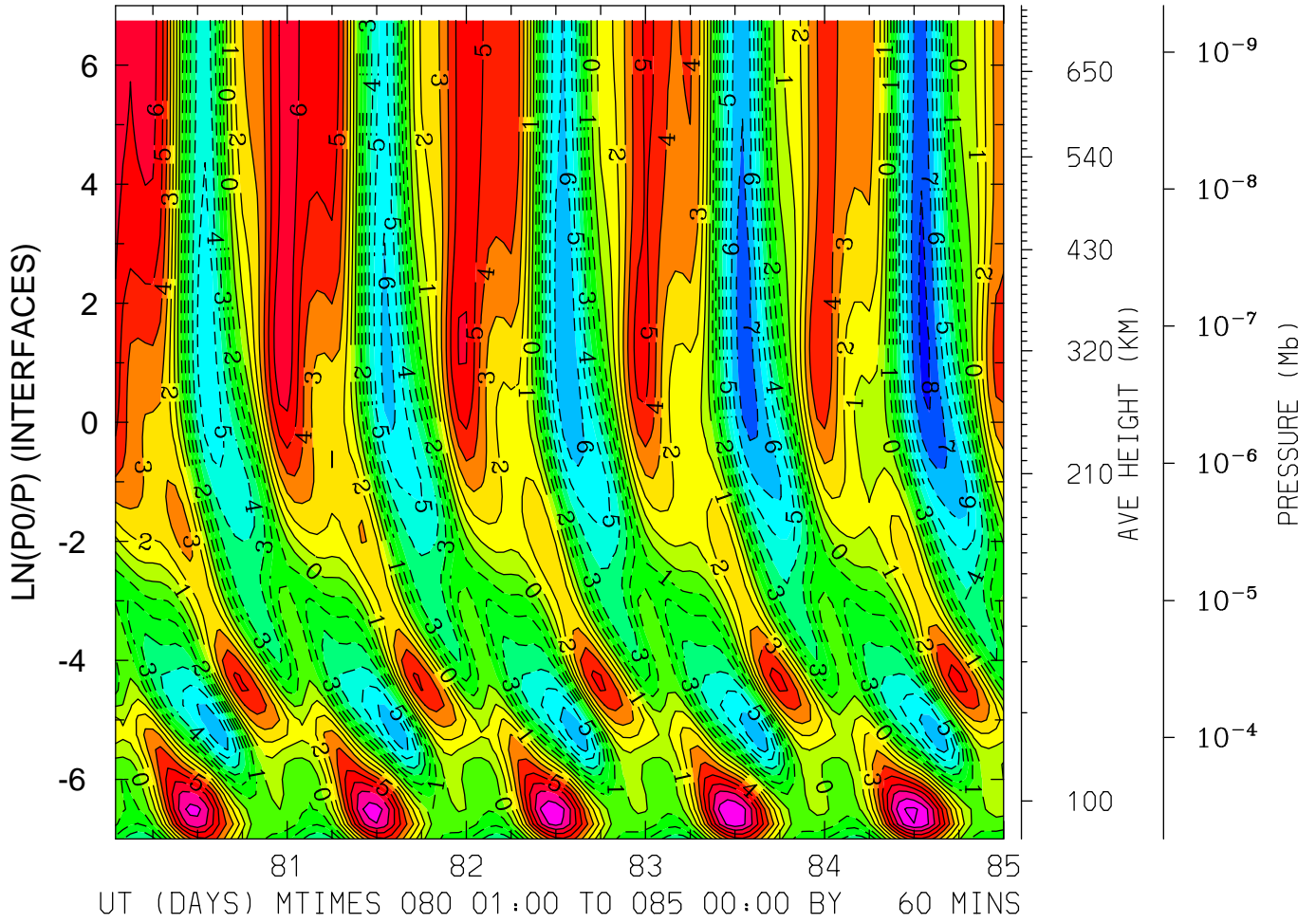
MIN,MAX= -3.6597E+01 3.8778E+01 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
LAT= -1.25 LOCAL TIME=12.00



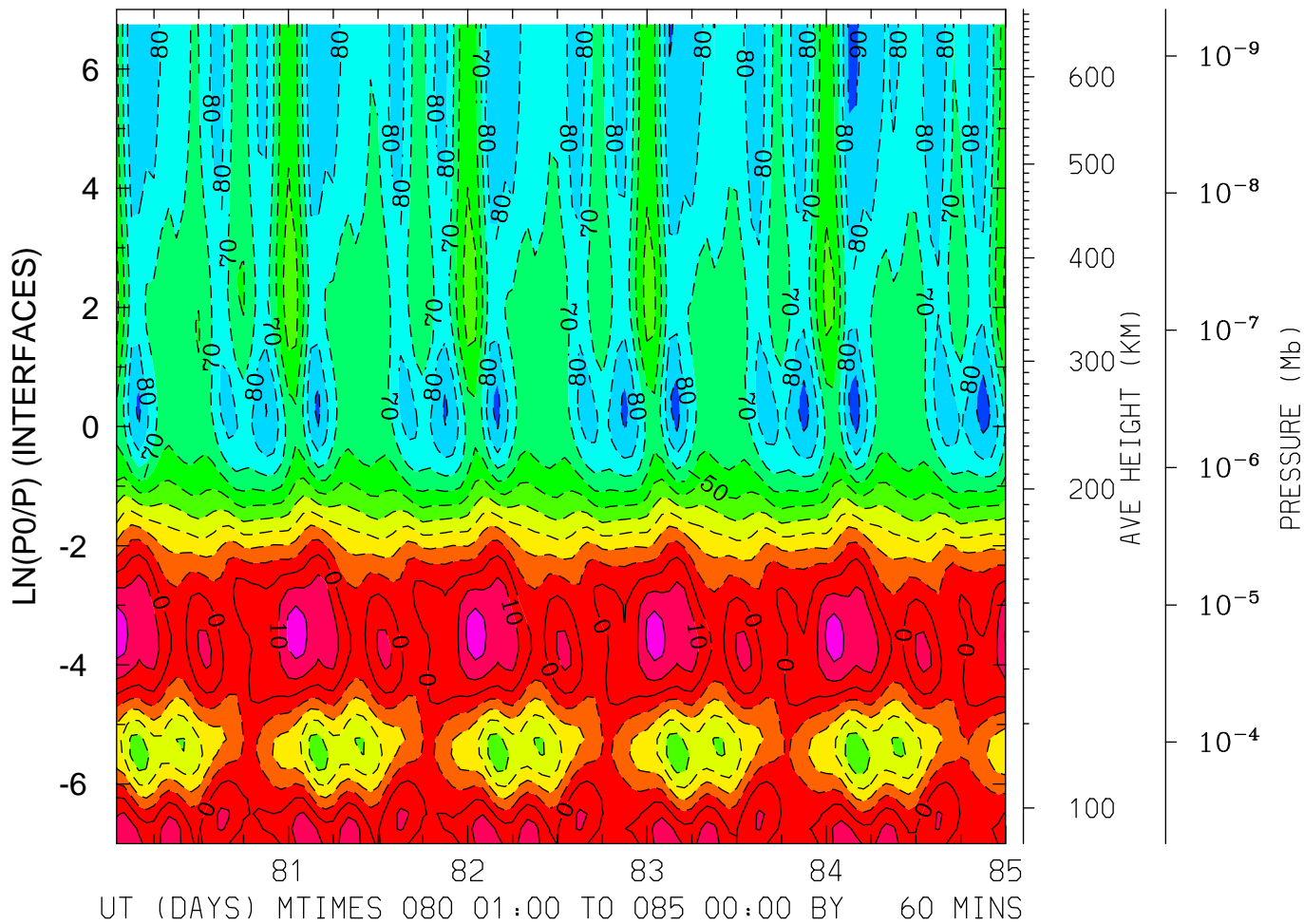
MIN,MAX= -6.0634E+01 4.9780E+01 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
LAT= -1.25 (ZONAL MEANS)



MIN,MAX= -8.2603E+00 9.1953E+00 INTERVAL= 1.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

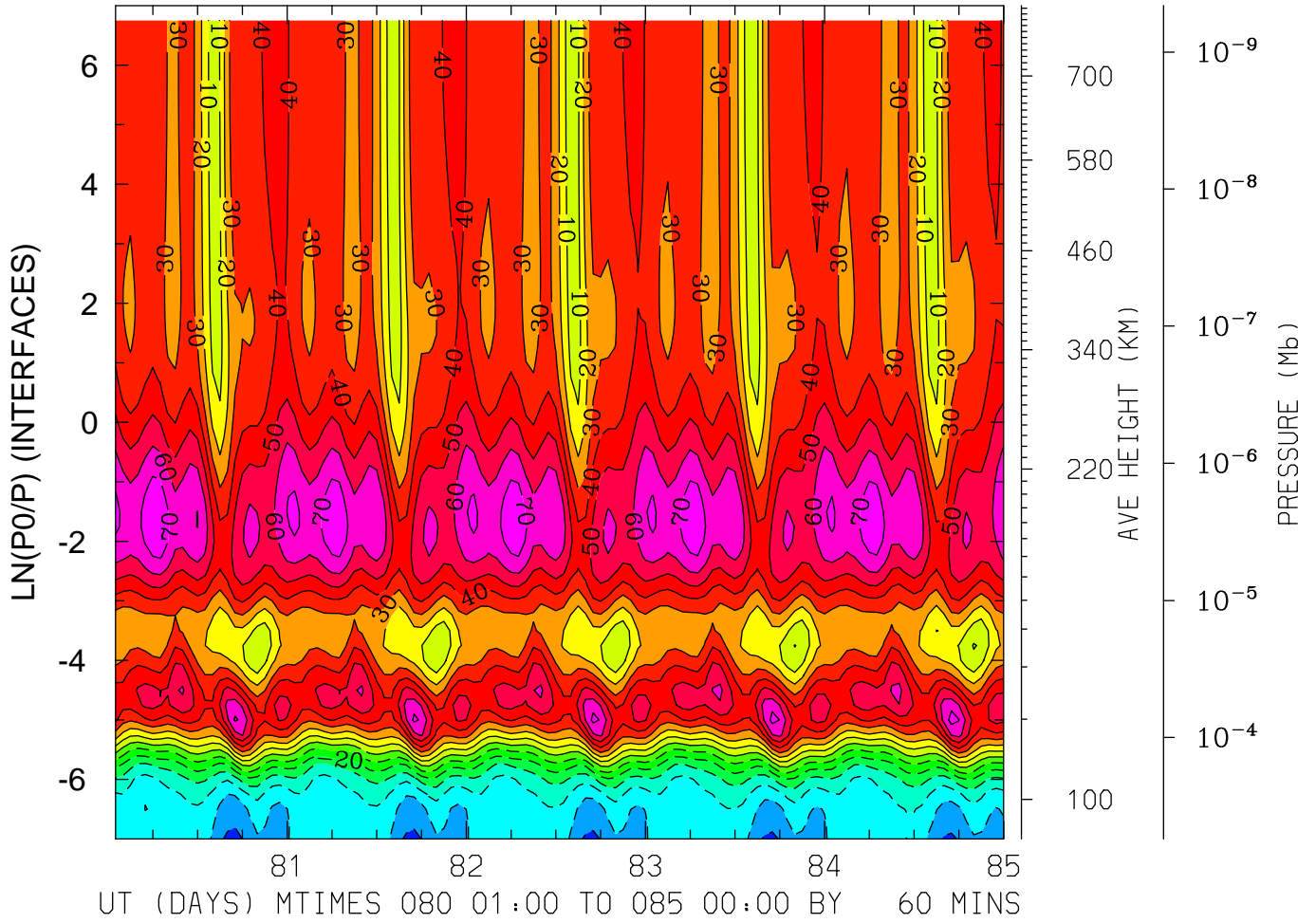
NEUTRAL MERIDIONAL WIND (M/S)  
LAT= 38.75 LOCAL TIME= 0.00



MIN,MAX= -9.4548E+01 2.6005E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

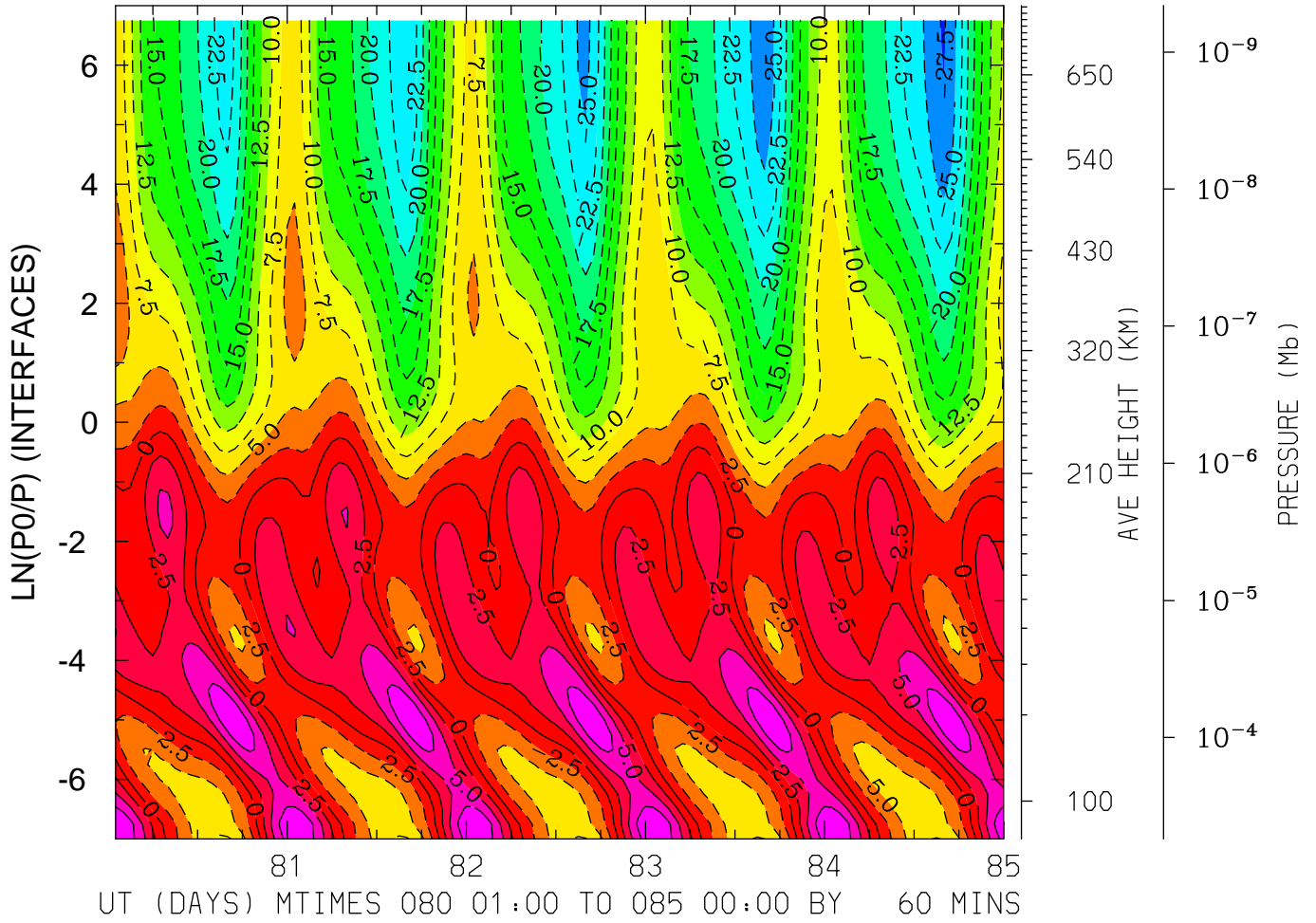


NEUTRAL MERIDIONAL WIND (M/S)  
LAT= 38.75 LOCAL TIME=12.00



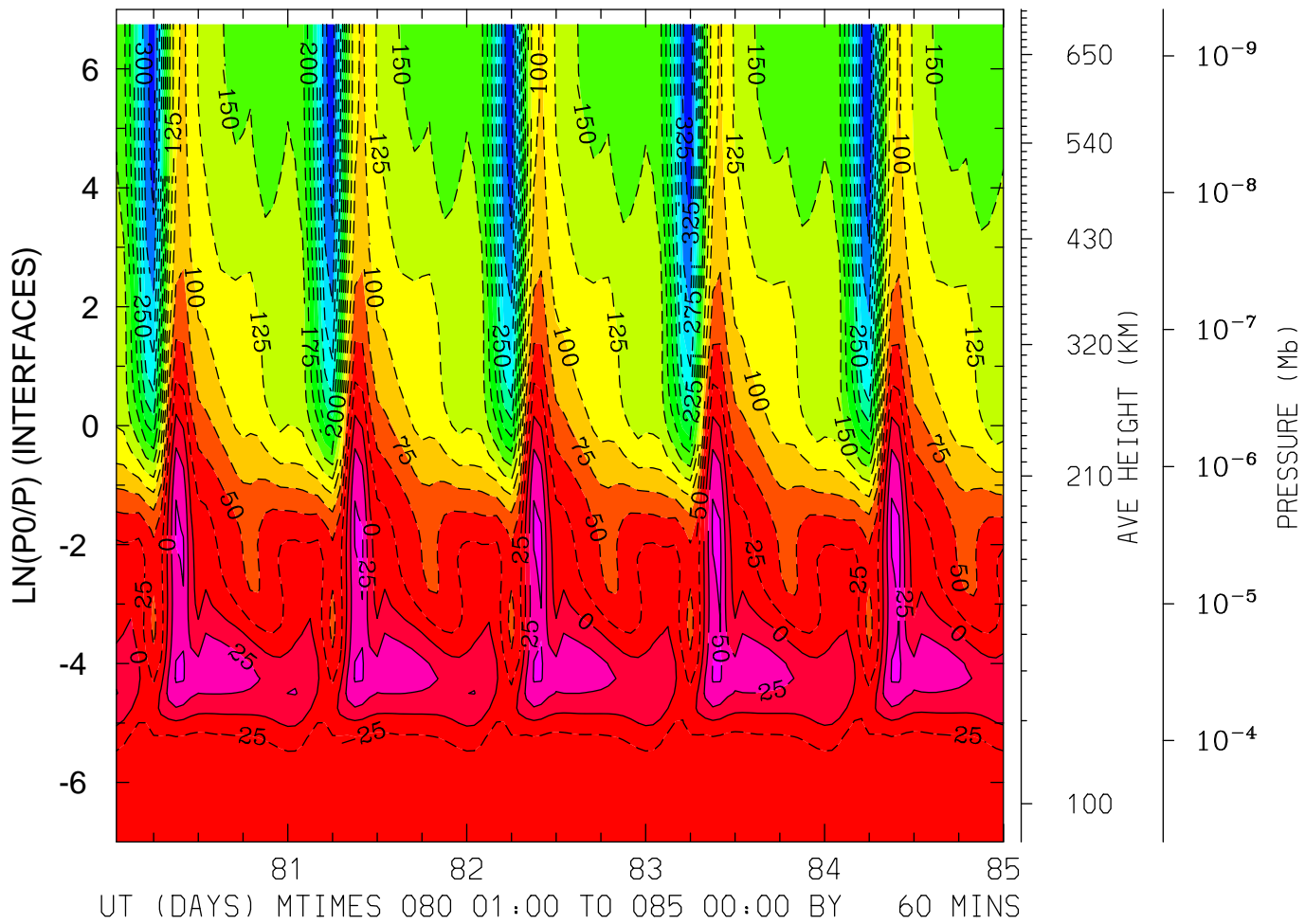
MIN,MAX= -6.2570E+01 7.8413E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
LAT= 38.75 (ZONAL MEANS)



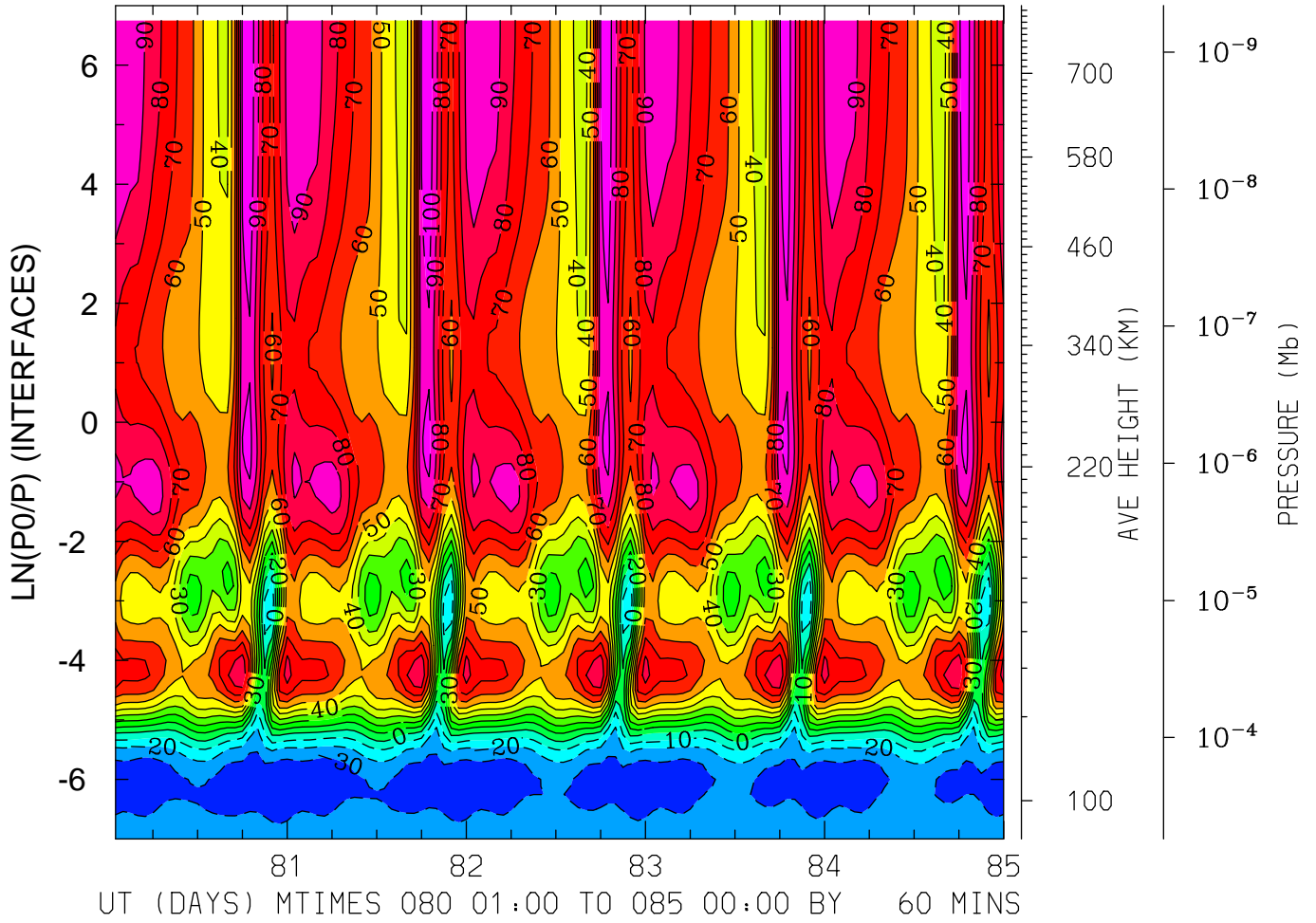
MIN,MAX= -2.7719E+01 9.9399E+00 INTERVAL= 2.5000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
LAT= 58.75 LOCAL TIME= 0.00



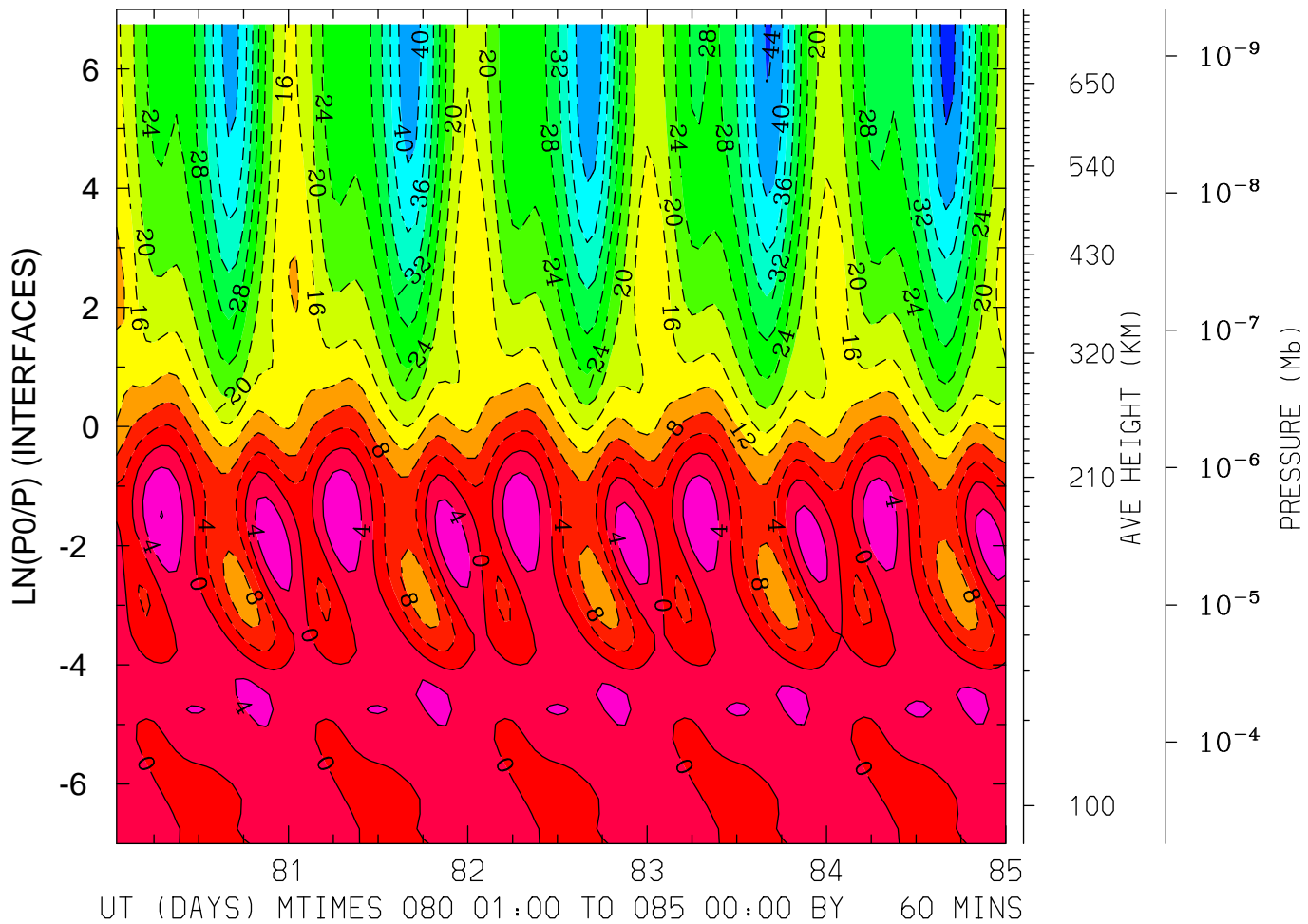
MIN,MAX= -3.4812E+02 5.5509E+01 INTERVAL= 2.5000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
LAT= 58.75 LOCAL TIME=12.00



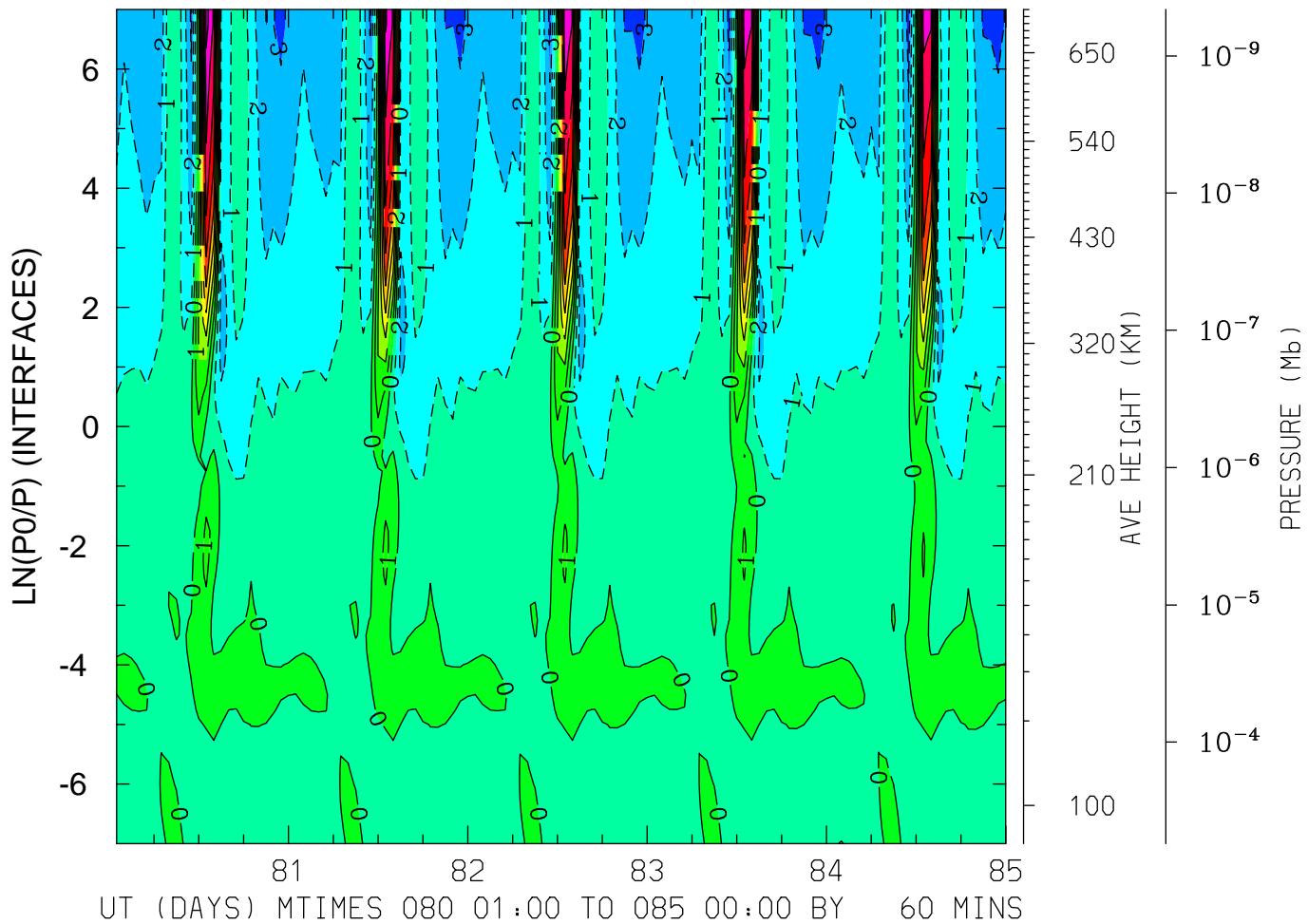
MIN,MAX= -3.8147E+01 1.0715E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
LAT= 58.75 (ZONAL MEANS)



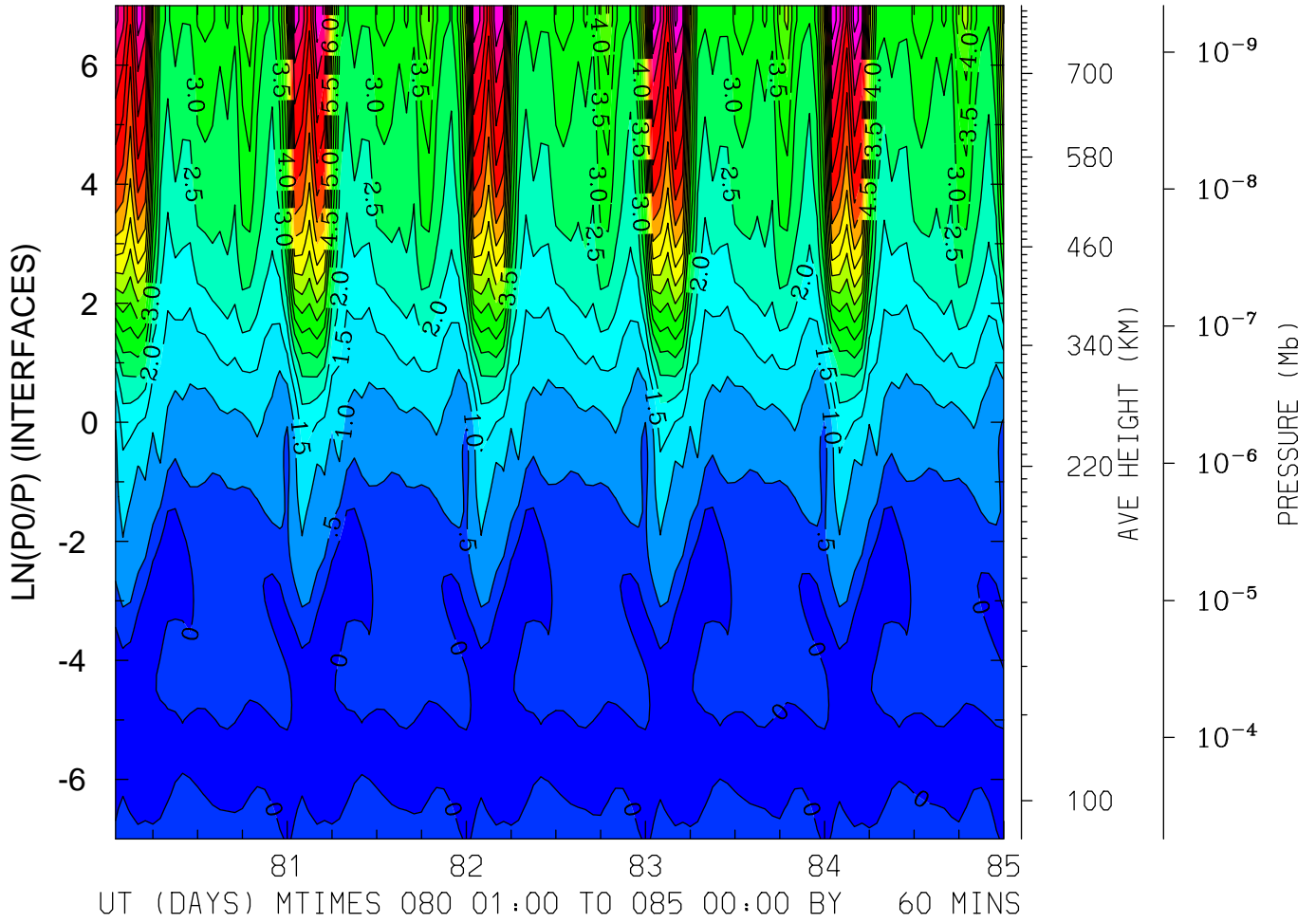
MIN,MAX= -4.5284E+01 8.0948E+00 INTERVAL= 4.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
LAT=-61.25 LOCAL TIME= 0.00



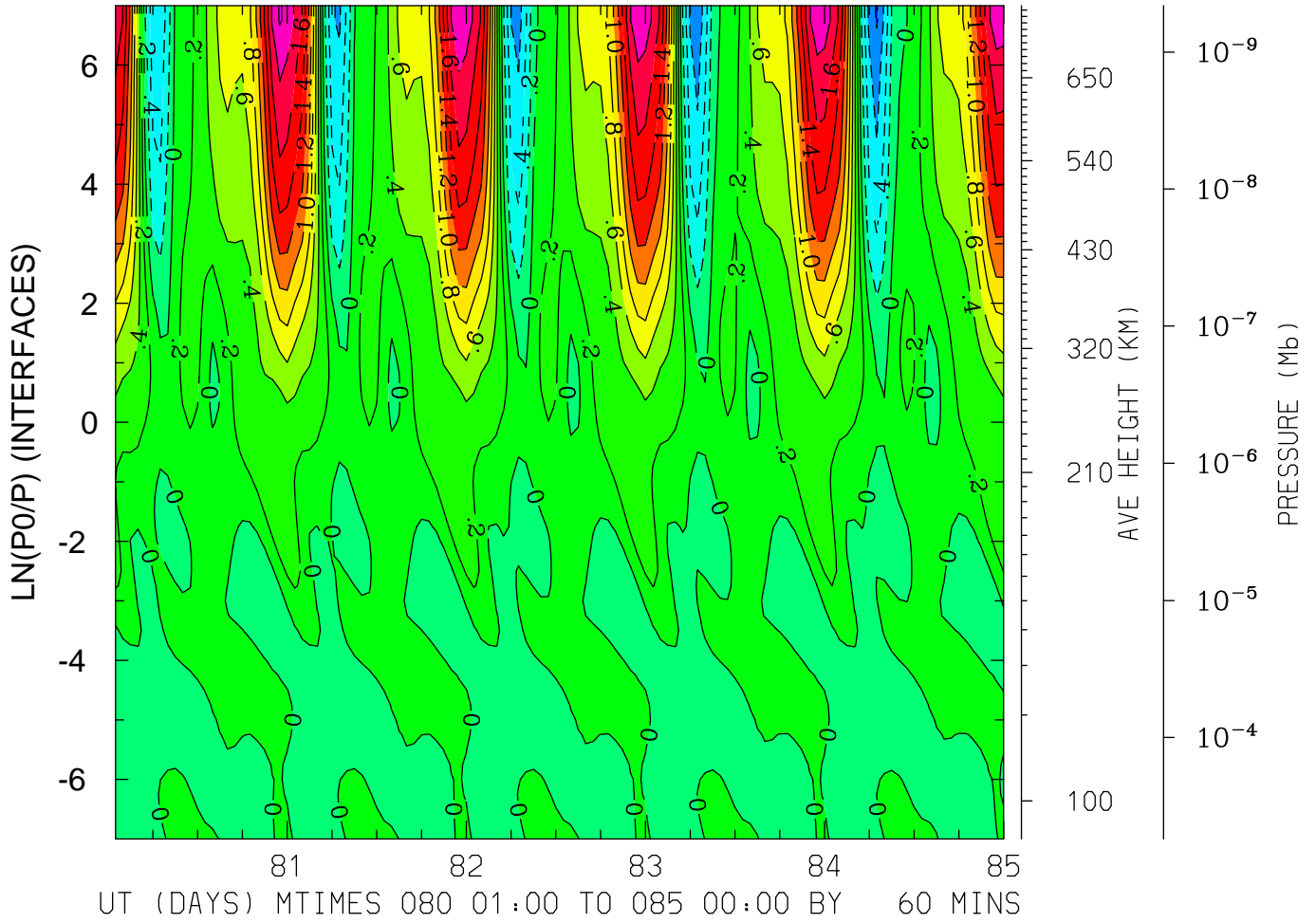
MIN,MAX= -3.4338E+00 9.3855E+00 INTERVAL= 1.0000E+00  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
LAT=-61.25 LOCAL TIME=12.00



MIN,MAX= -4.1413E-01 9.9728E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

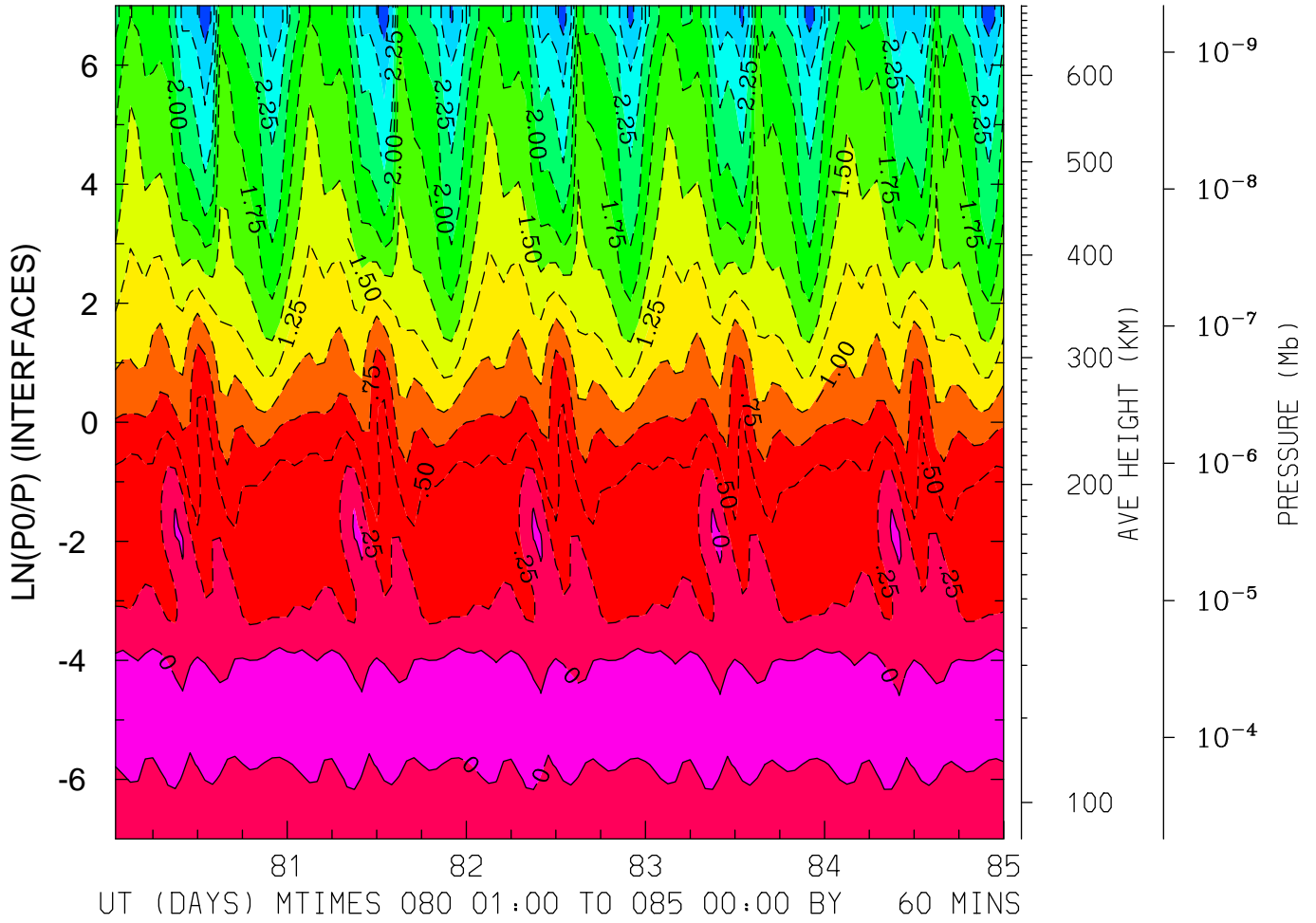
NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
LAT=-61.25 (ZONAL MEANS)



MIN,MAX= -8.2213E-01 2.0213E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

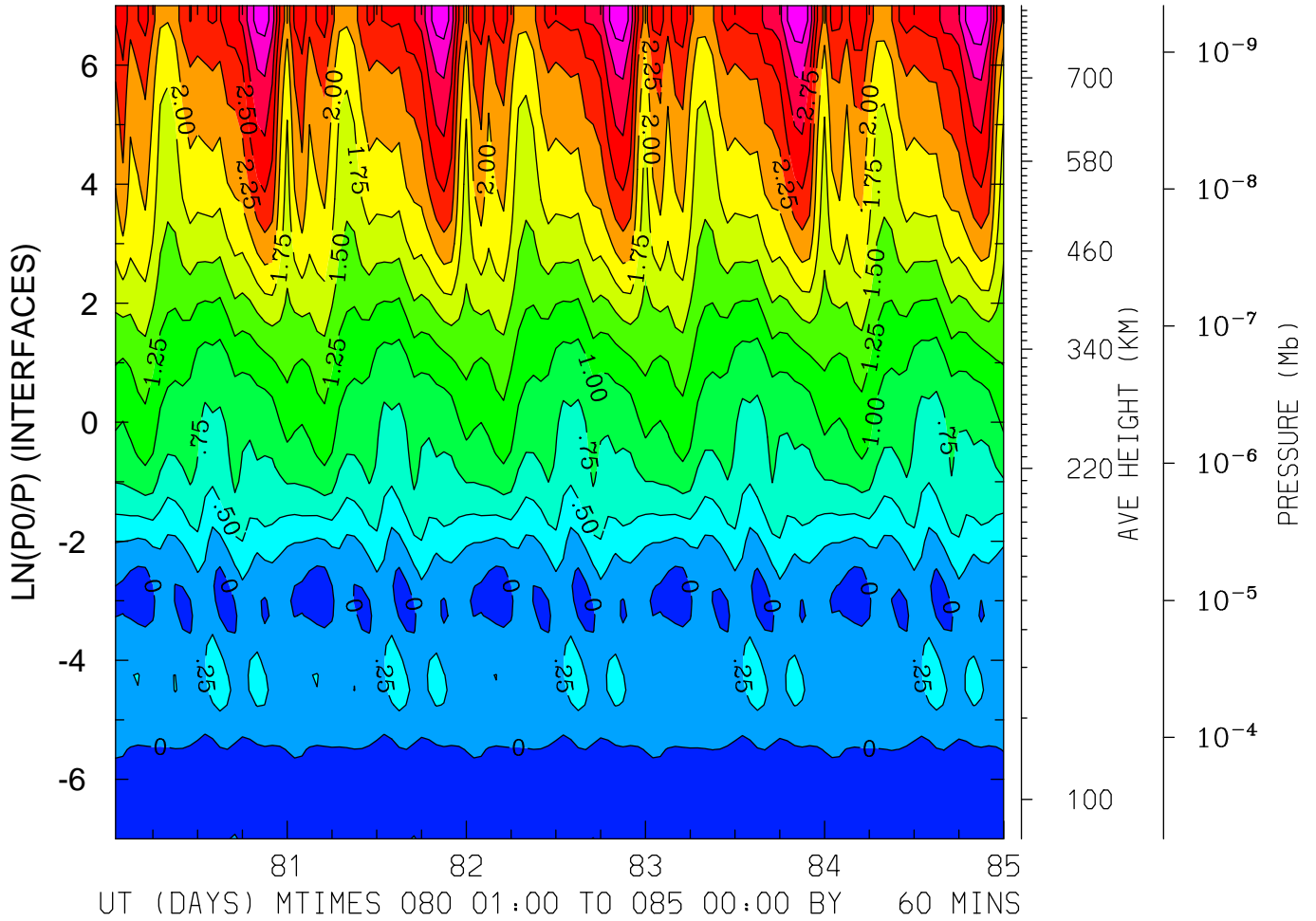


NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
LAT=-41.25 LOCAL TIME= 0.00



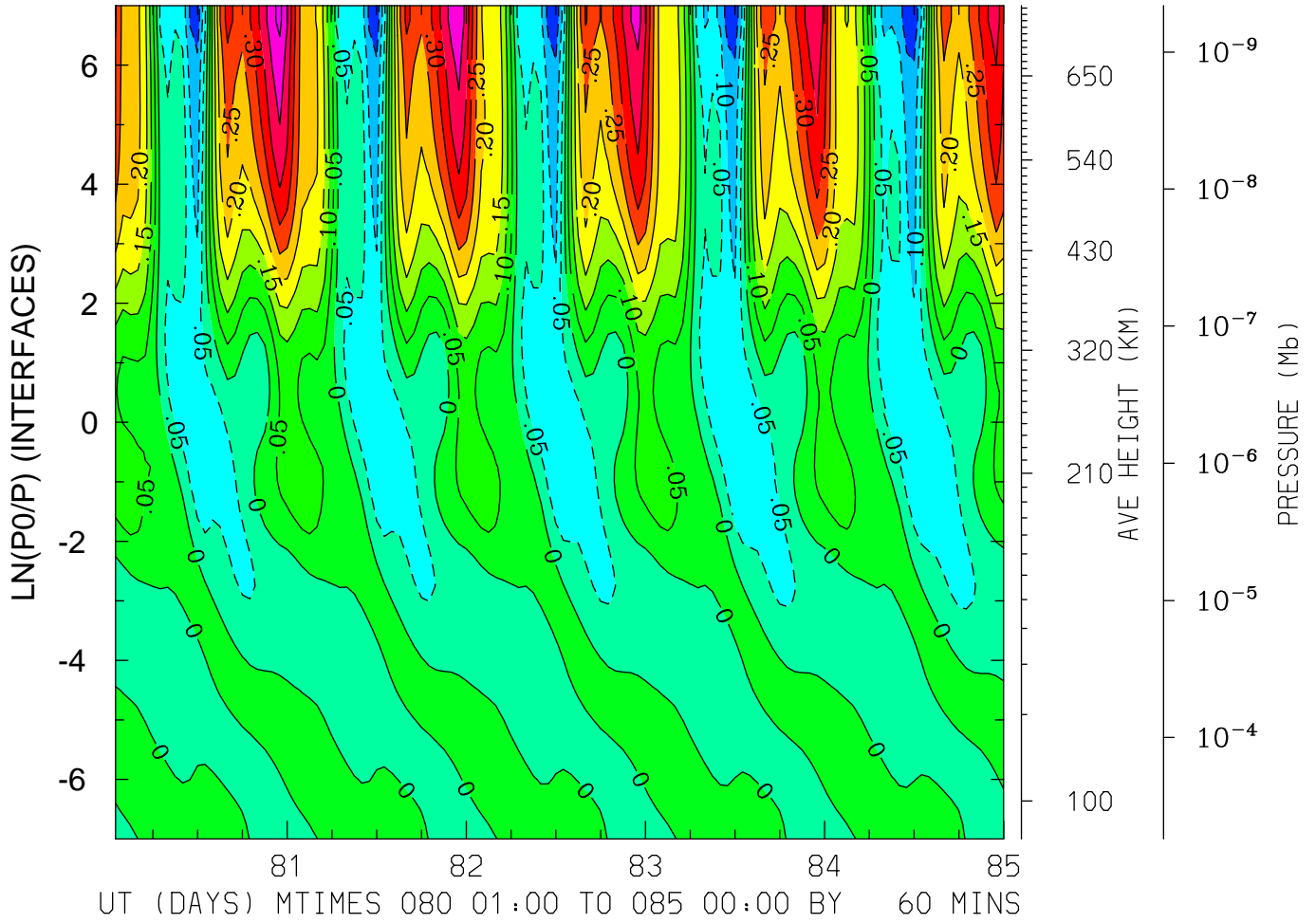
MIN,MAX= -2.9046E+00 2.0053E-01 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
LAT=-41.25 LOCAL TIME=12.00



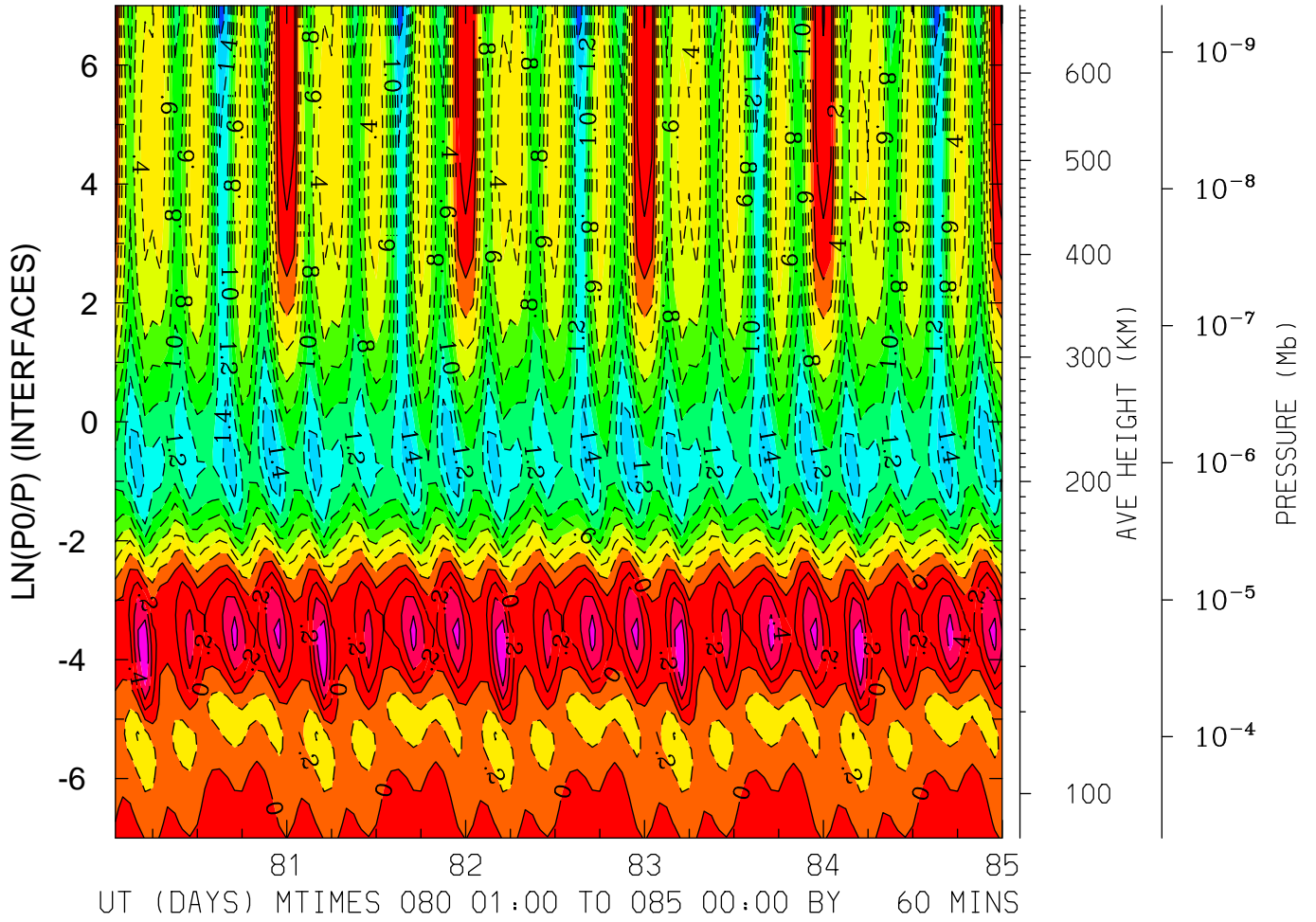
MIN,MAX= -1.0290E-01 3.4987E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
LAT=-41.25 (ZONAL MEANS)



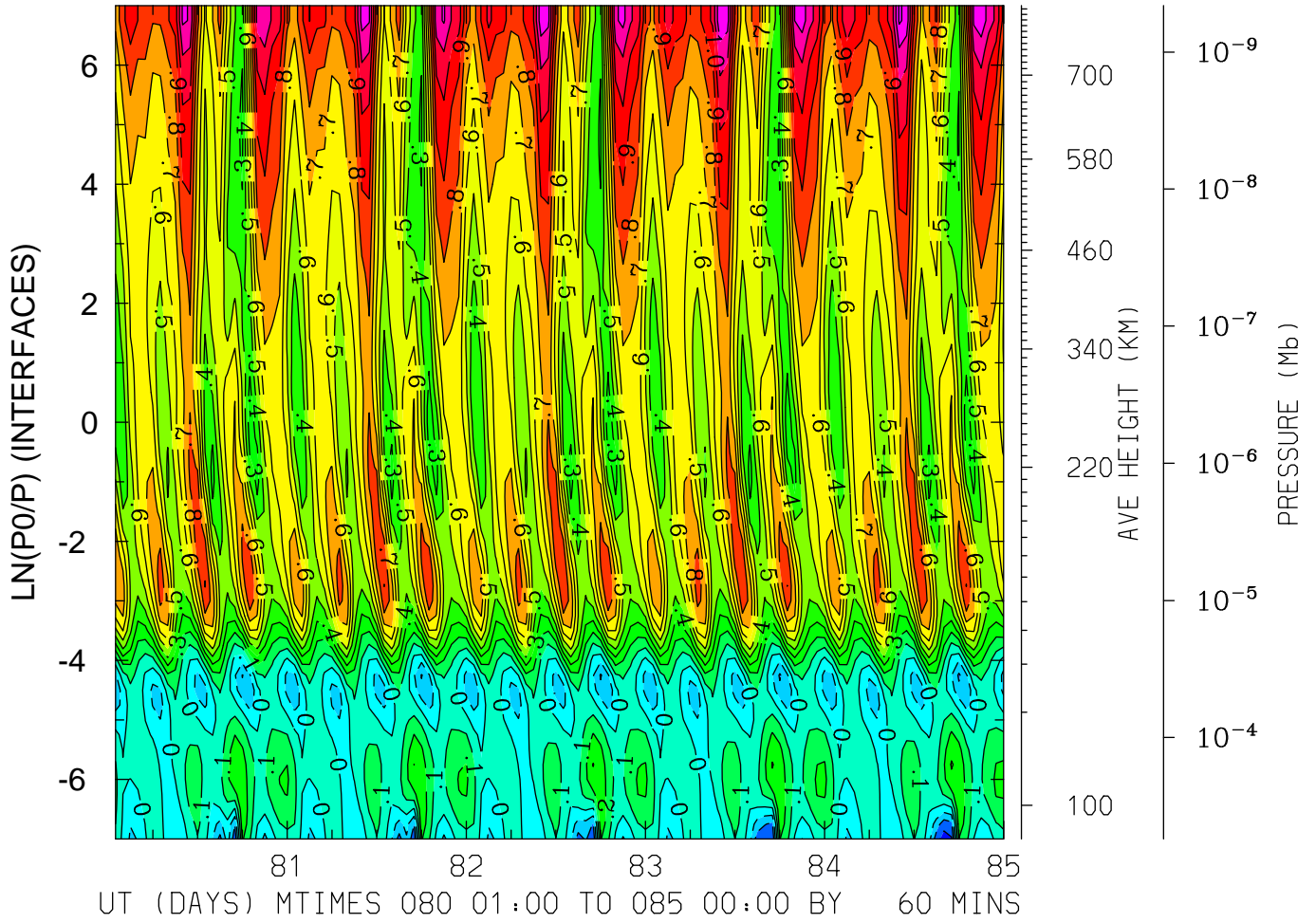
MIN,MAX= -1.9696E-01 4.6408E-01 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
LAT= -1.25 LOCAL TIME= 0.00



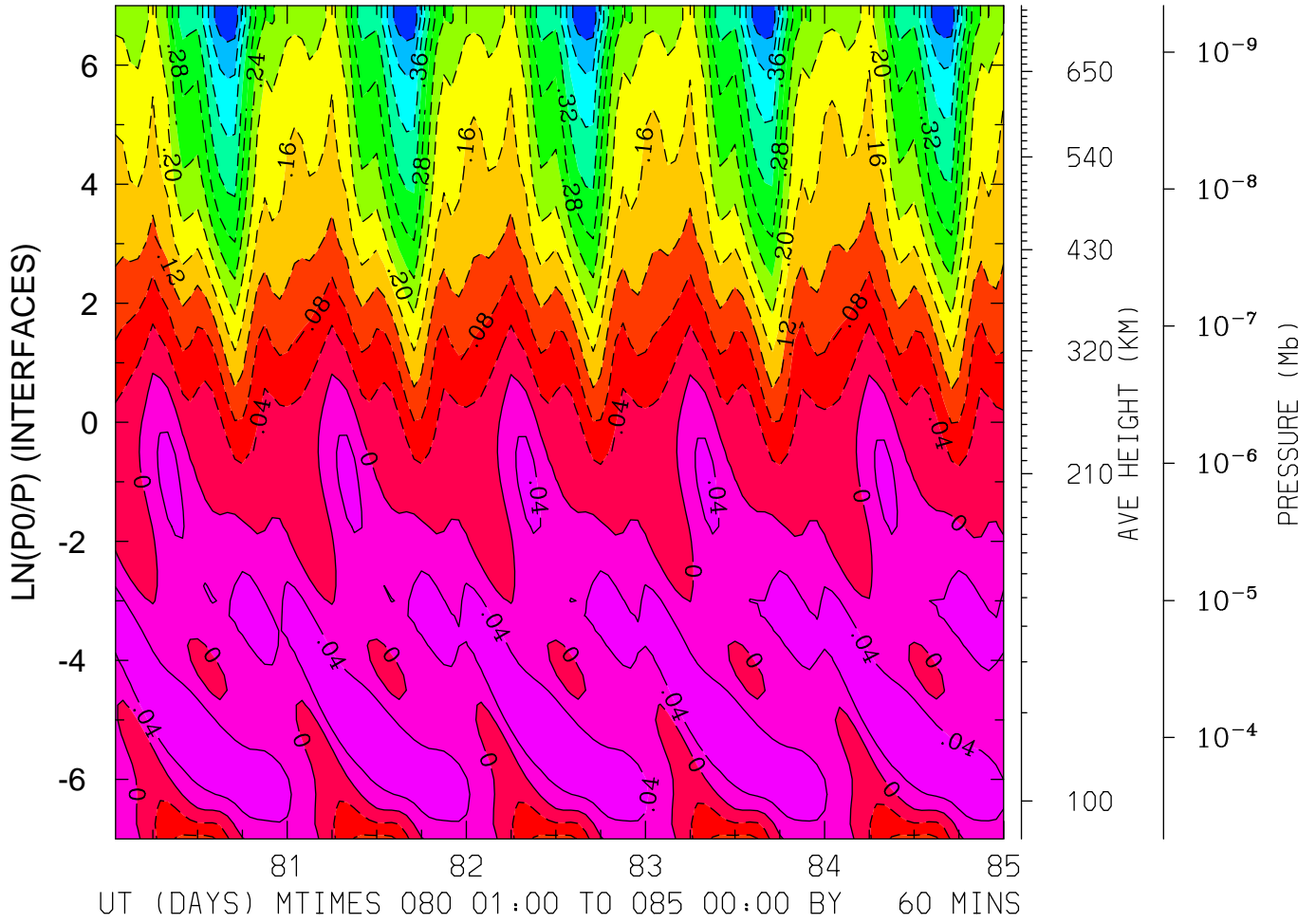
MIN,MAX= -1.7211E+00 7.9245E-01 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
LAT= -1.25 LOCAL TIME=12.00



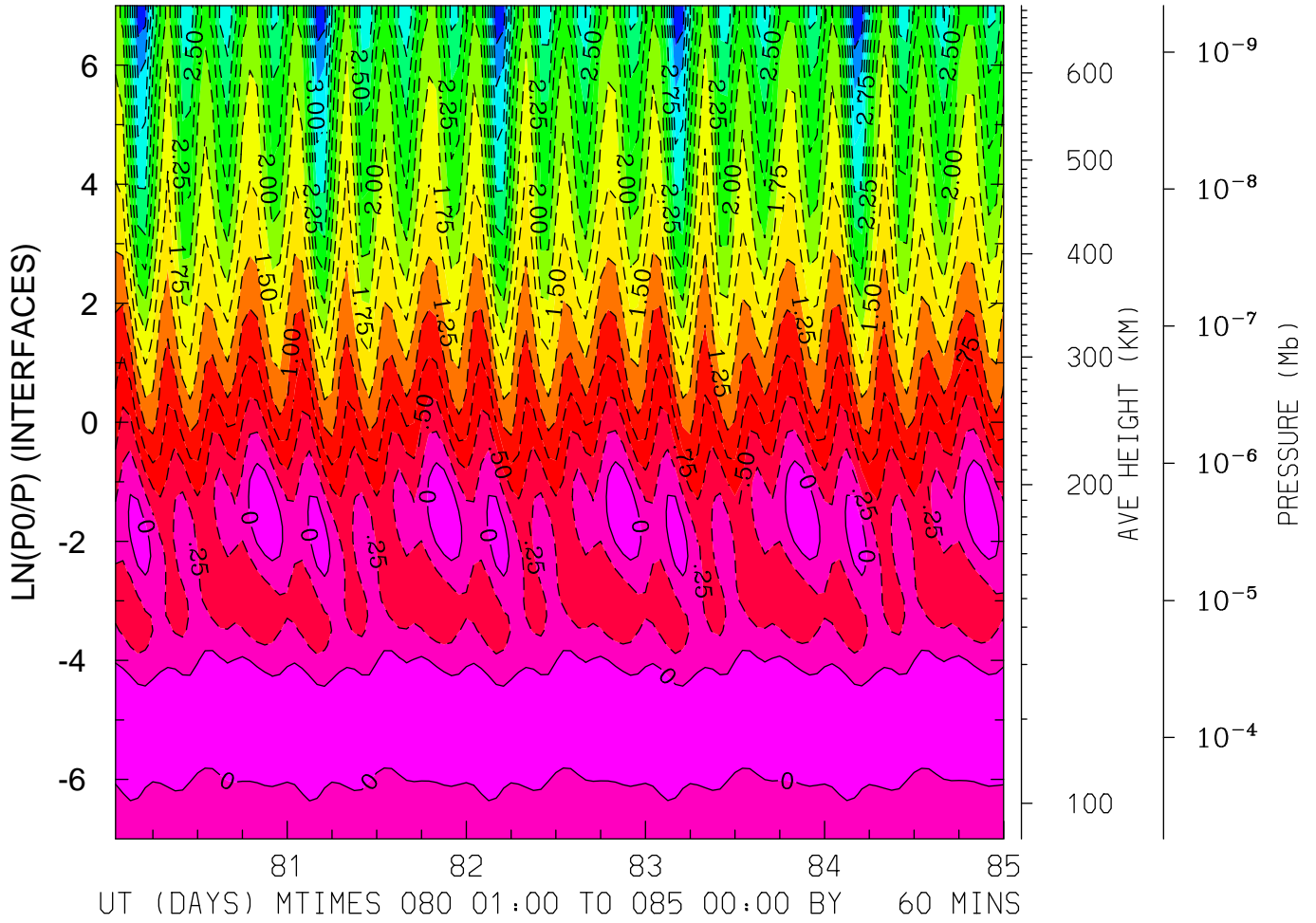
MIN,MAX= -3.4722E-01 1.3179E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
LAT= -1.25 (ZONAL MEANS)



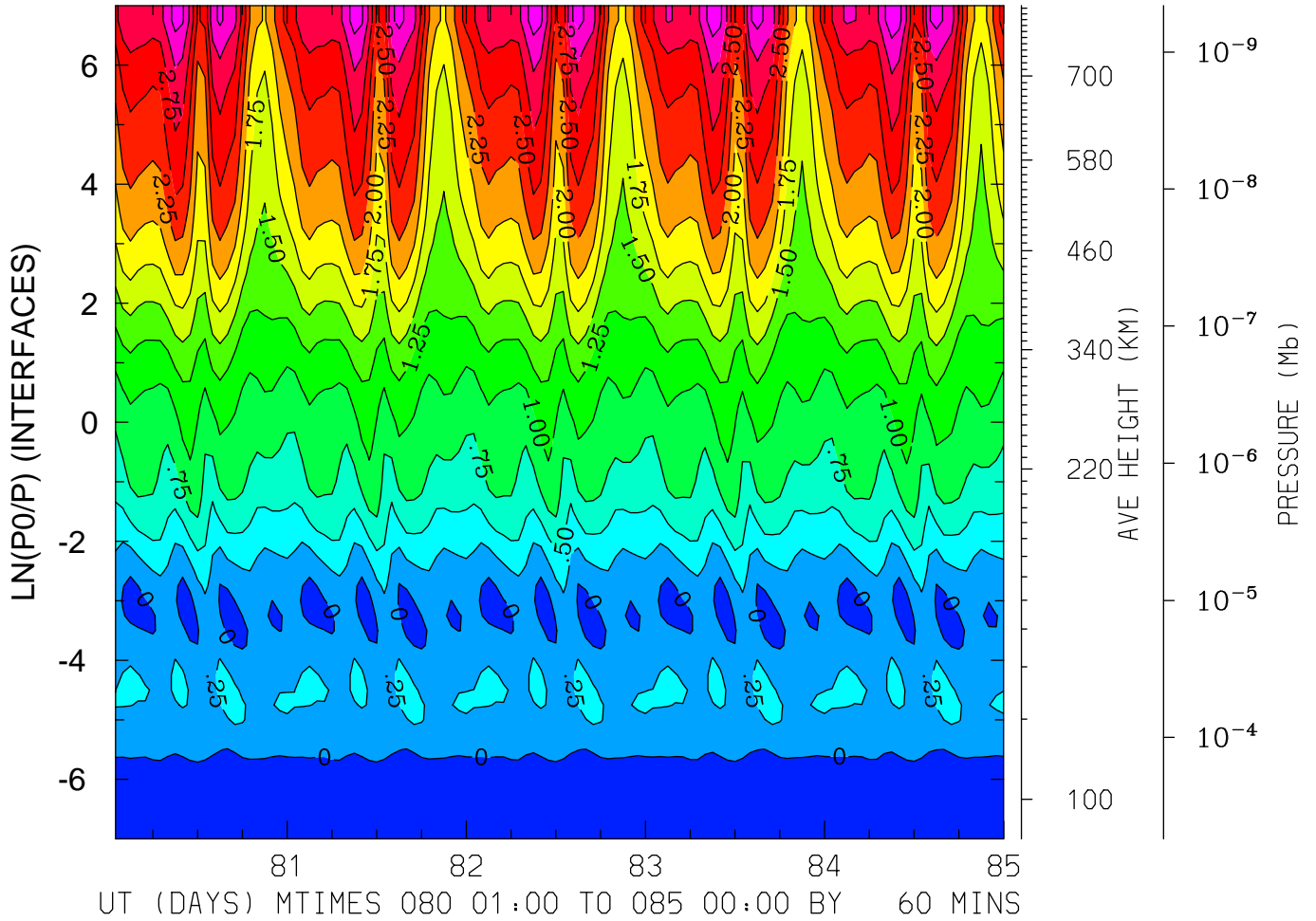
MIN,MAX= -4.7423E-01 7.9723E-02 INTERVAL= 4.0000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
LAT= 38.75 LOCAL TIME= 0.00



MIN,MAX= -3.7494E+00 2.4235E-01 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

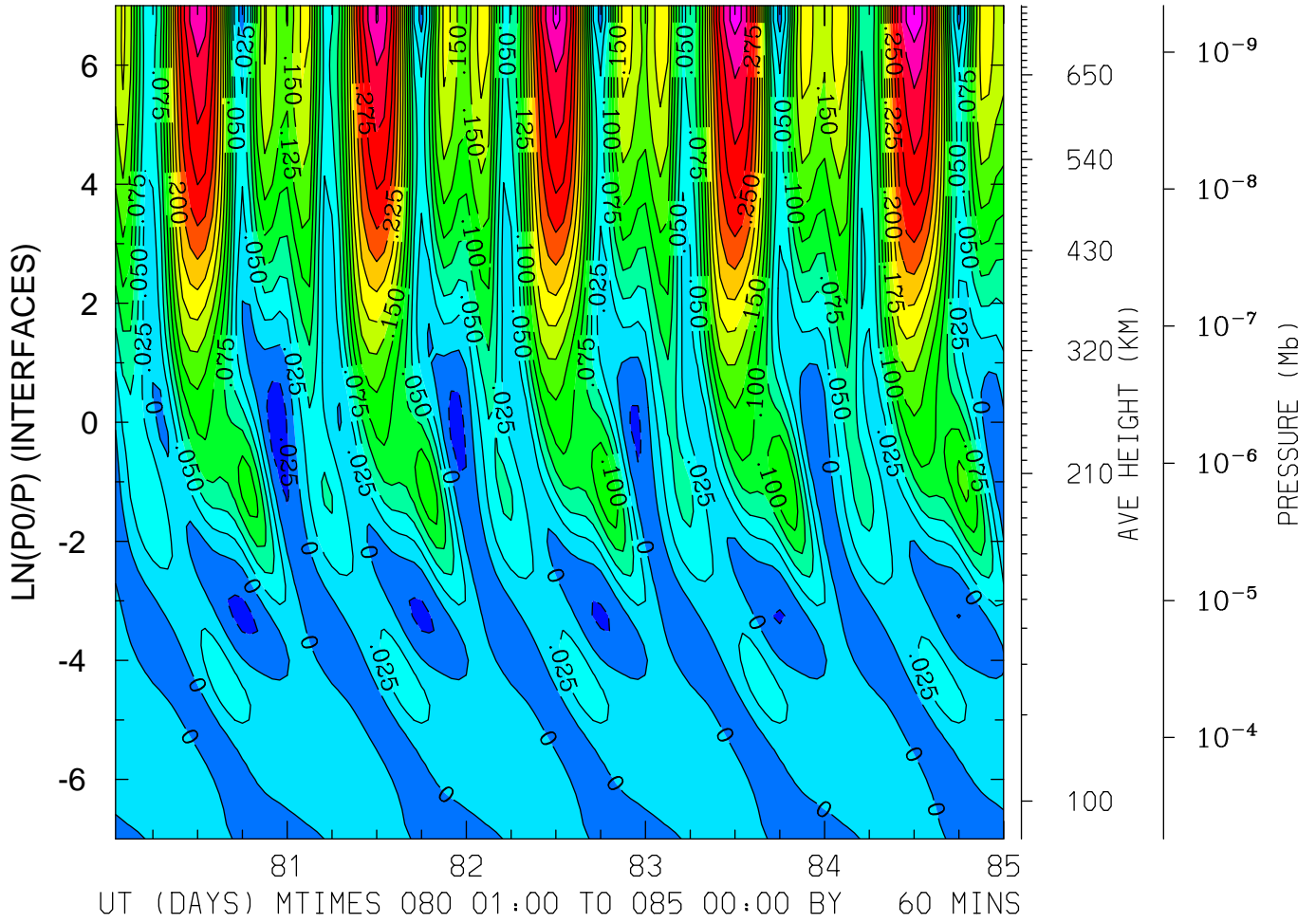
NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
LAT= 38.75 LOCAL TIME=12.00



MIN,MAX= -1.1868E-01 3.4313E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

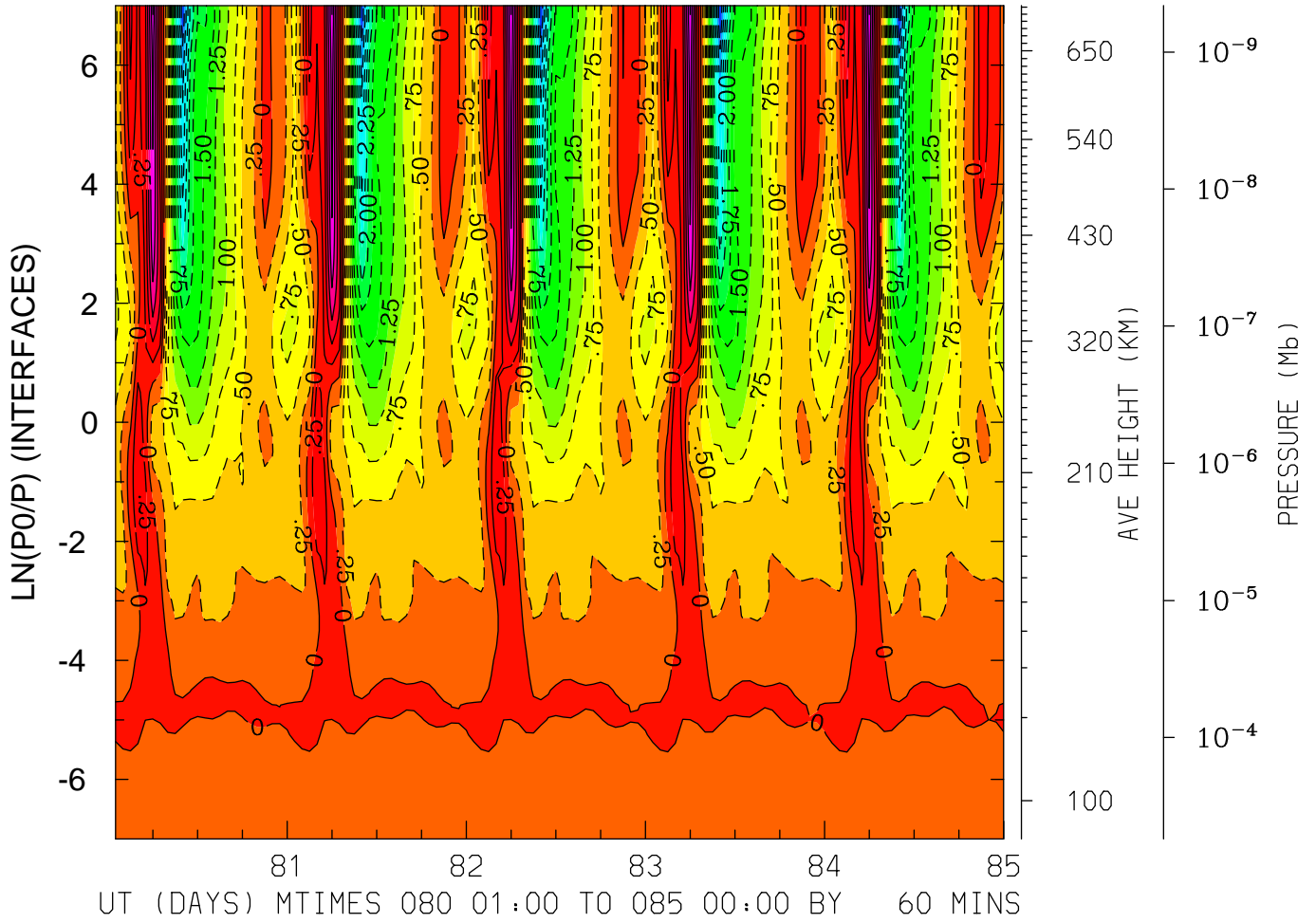


NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
LAT= 38.75 (ZONAL MEANS)



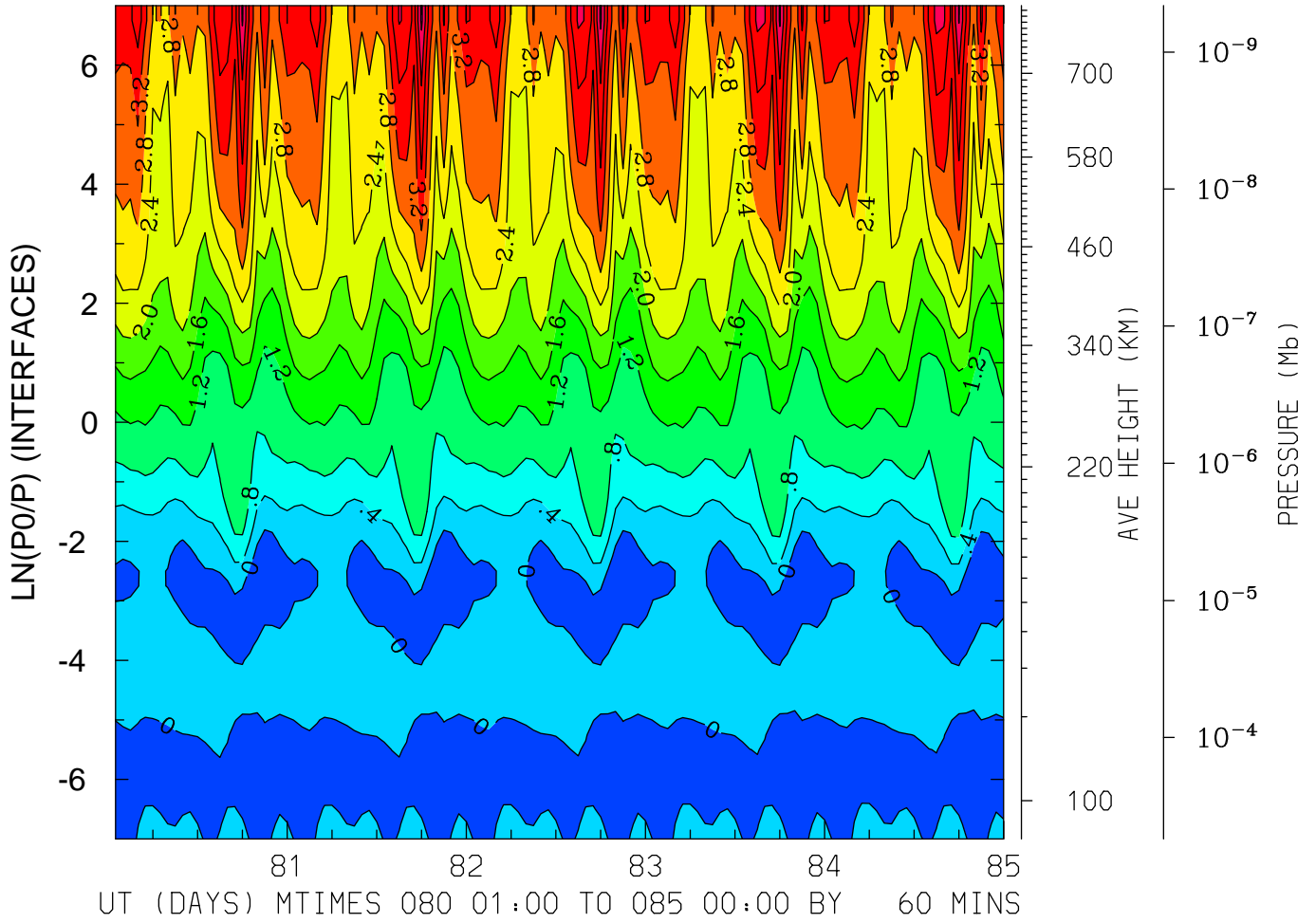
MIN,MAX= -3.9142E-02 3.6797E-01 INTERVAL= 2.5000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
LAT= 58.75 LOCAL TIME= 0.00



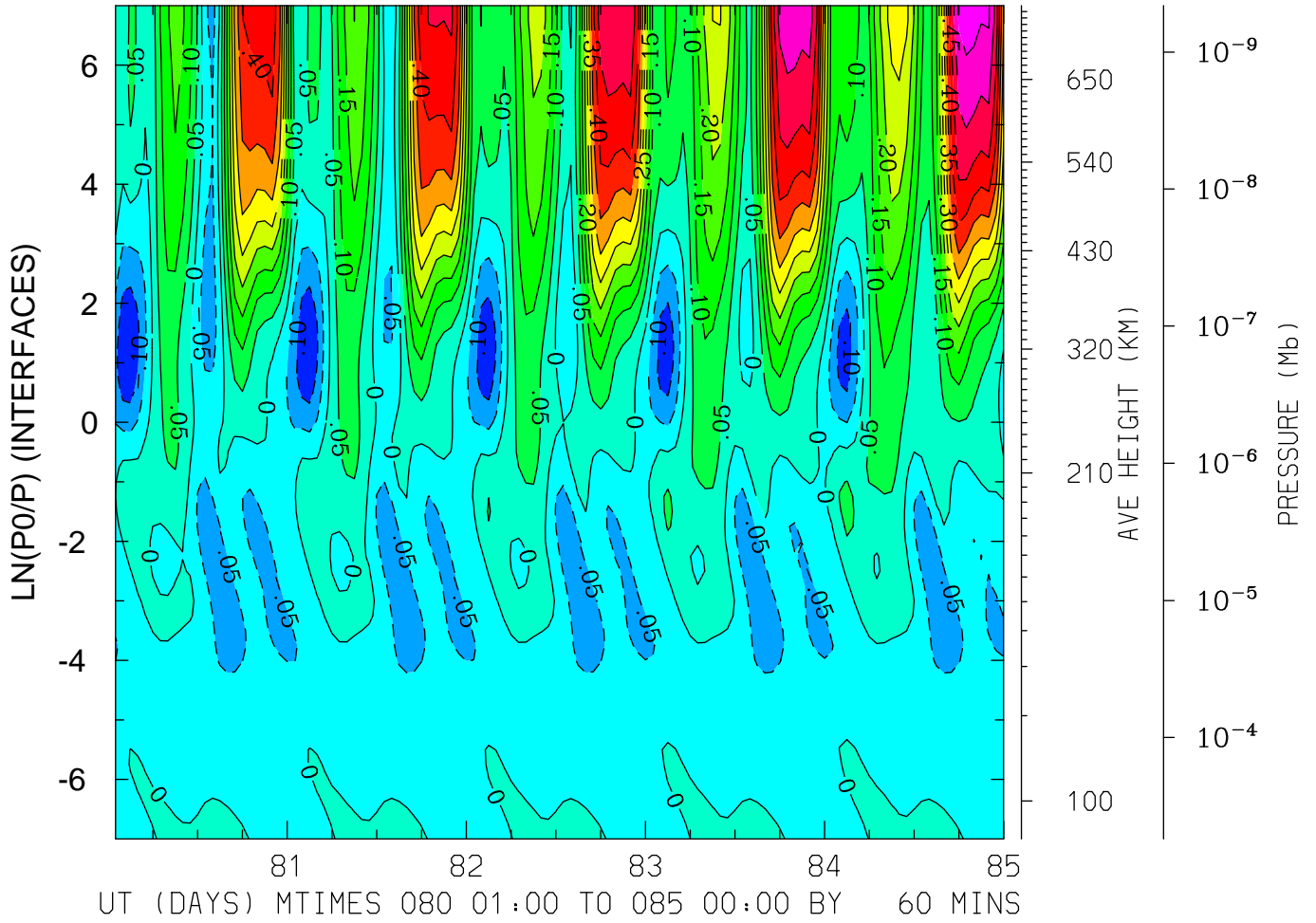
MIN,MAX= -3.2758E+00 1.5037E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
LAT= 58.75 LOCAL TIME=12.00



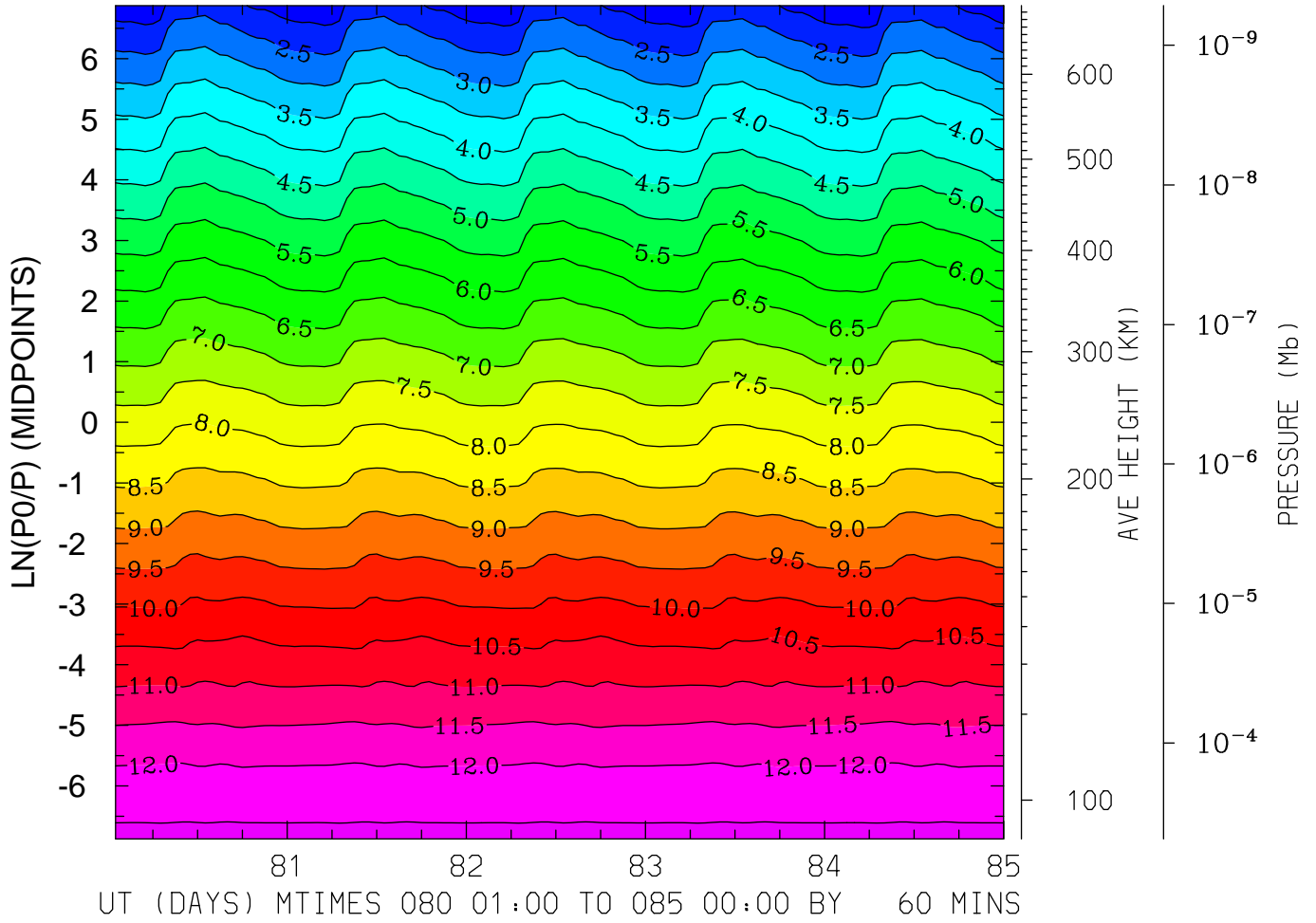
MIN,MAX= -3.5561E-01 4.4981E+00 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
LAT= 58.75 (ZONAL MEANS)



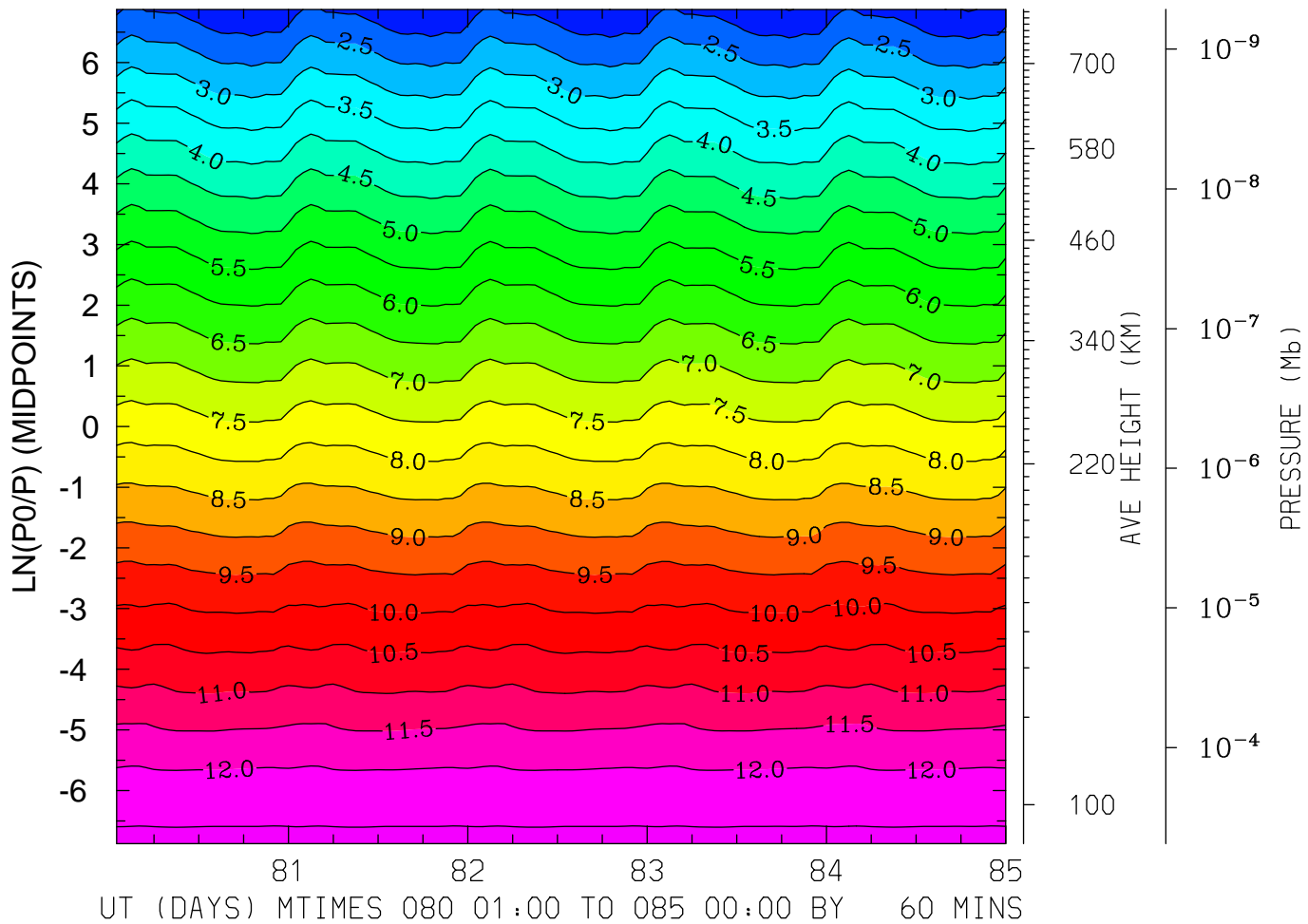
MIN,MAX= -1.4321E-01 5.7944E-01 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
LAT=-61.25 LOCAL TIME= 0.00



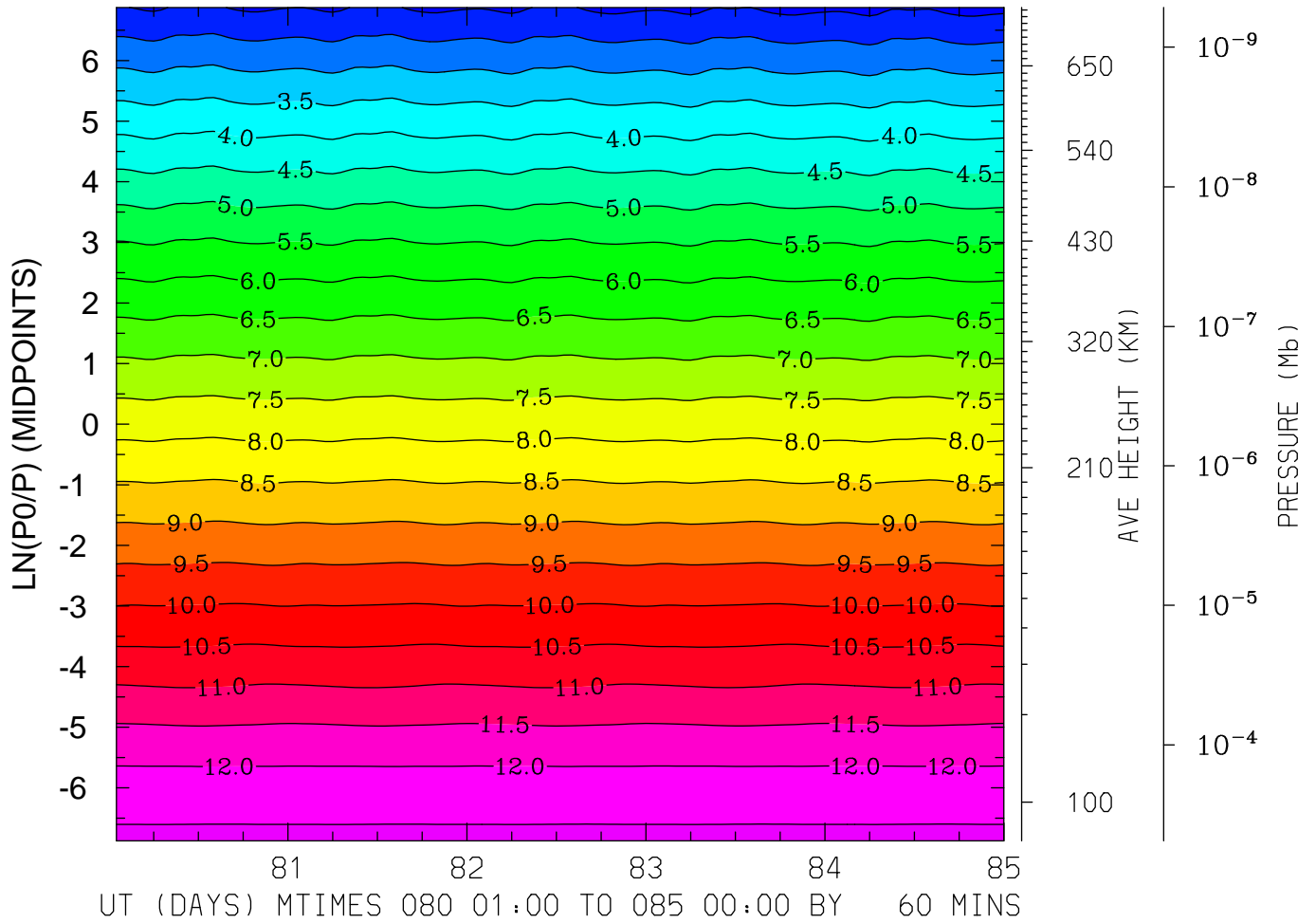
MIN,MAX= 1.5907E+00 1.2603E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
LAT=-61.25 LOCAL TIME=12.00



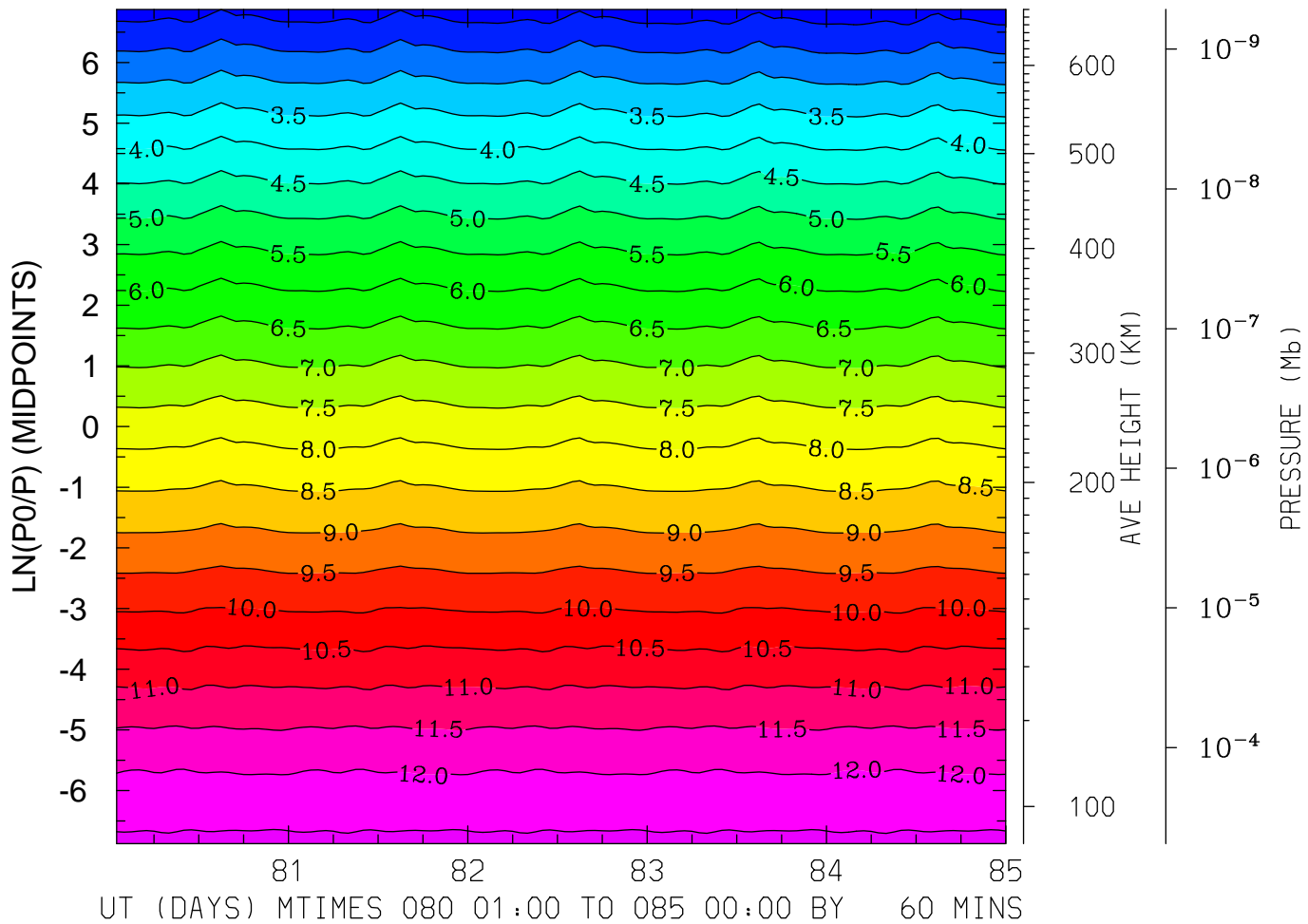
MIN,MAX= 1.4596E+00 1.2608E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
LAT=-61.25 (ZONAL MEANS)



MIN,MAX= 1.8390E+00 1.2601E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

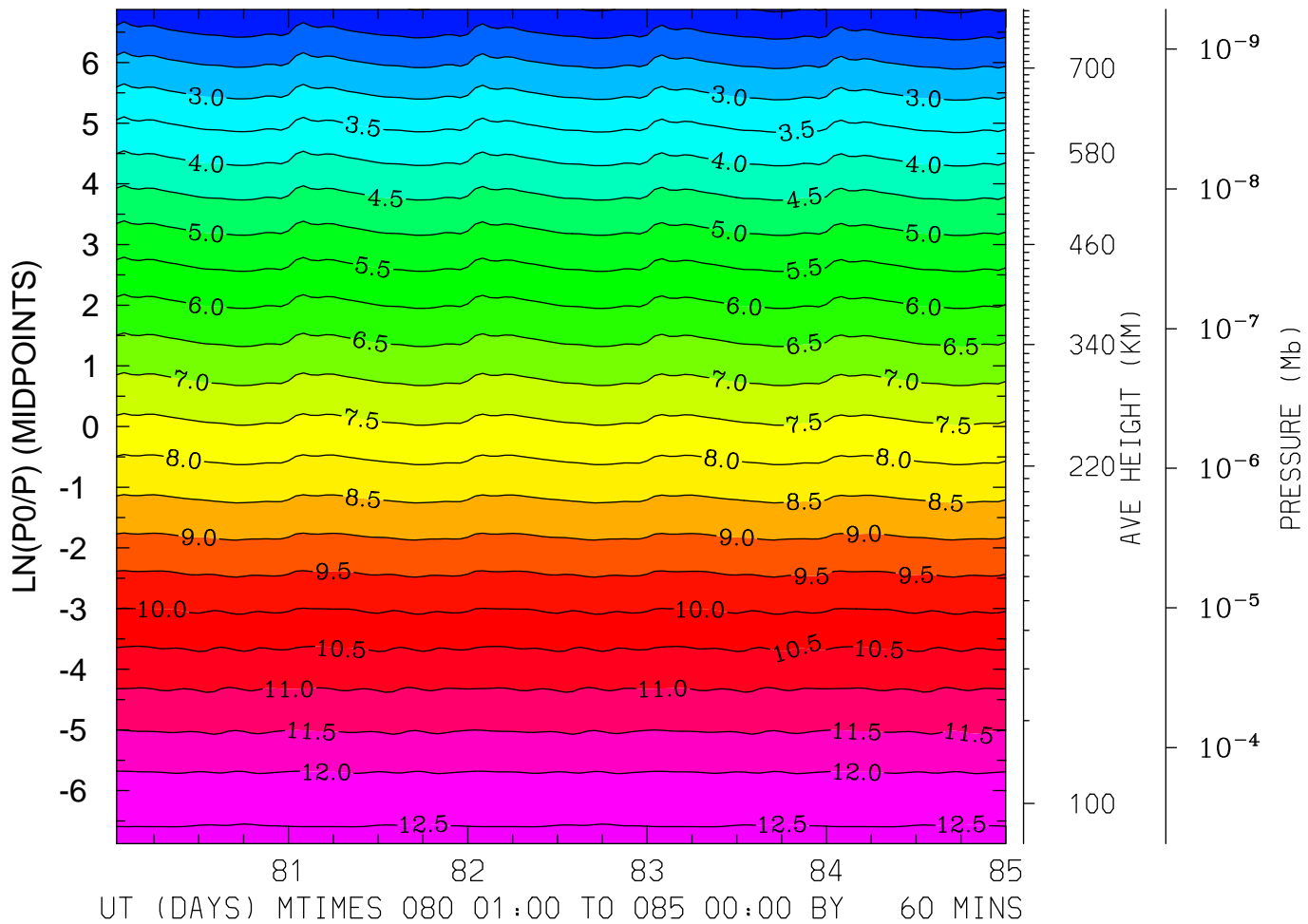
LOG10 MOLECULAR OXYGEN (CM3)  
LAT=-41.25 LOCAL TIME= 0.00



MIN,MAX= 1.7158E+00 1.2577E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

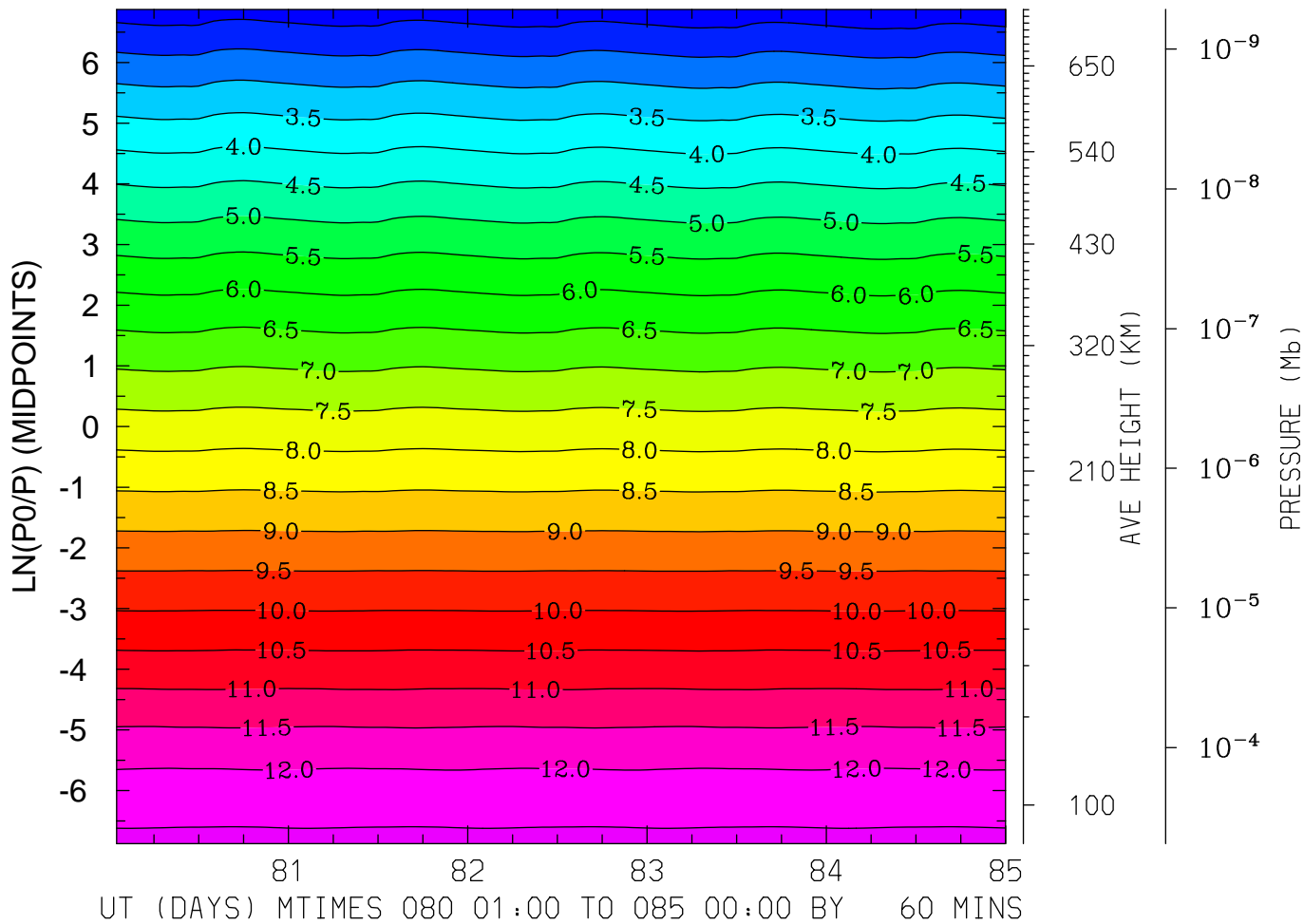


LOG10 MOLECULAR OXYGEN (CM3)  
LAT=-41.25 LOCAL TIME=12.00



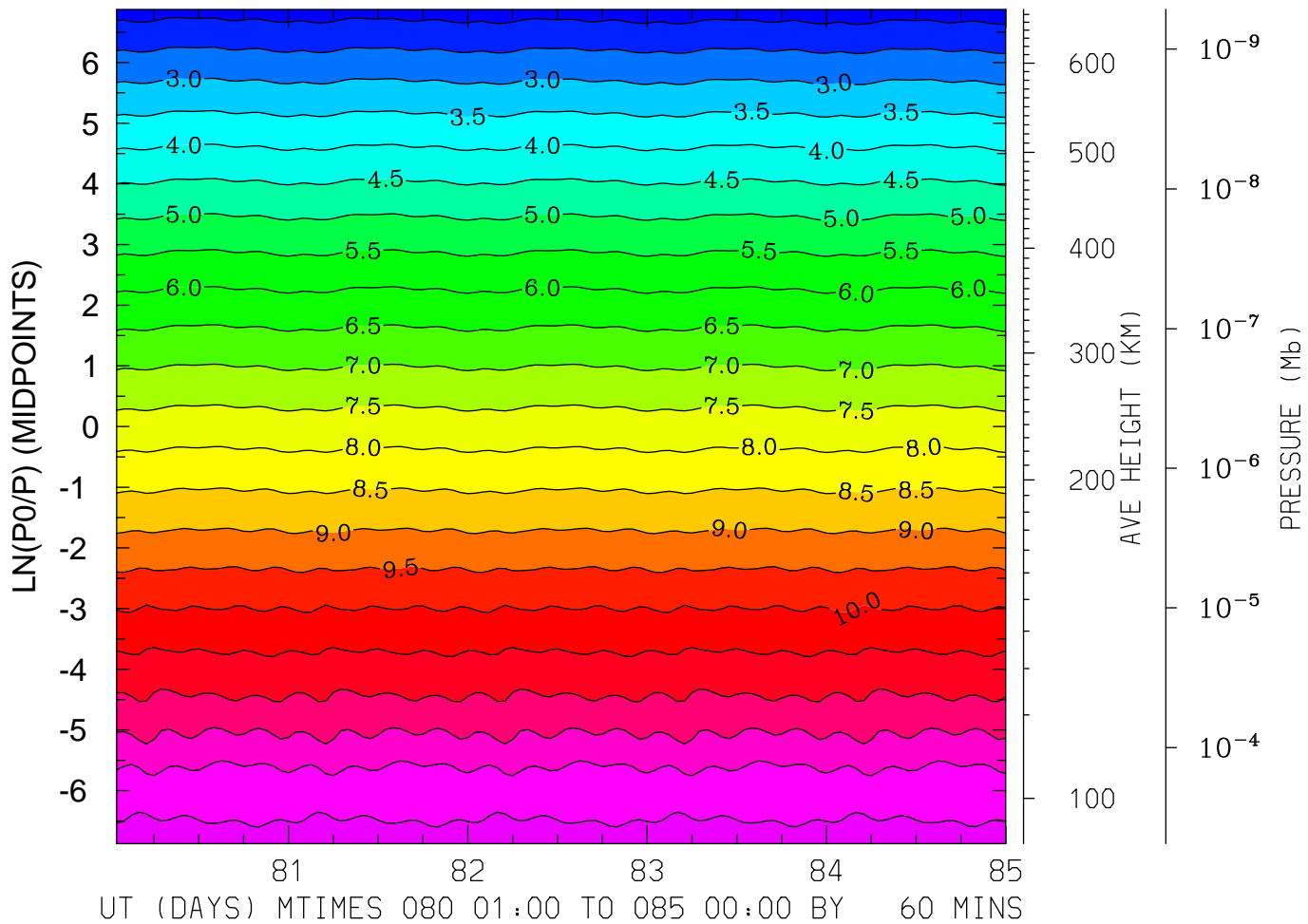
MIN,MAX= 1.4351E+00 1.2625E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
LAT=-41.25 (ZONAL MEANS)



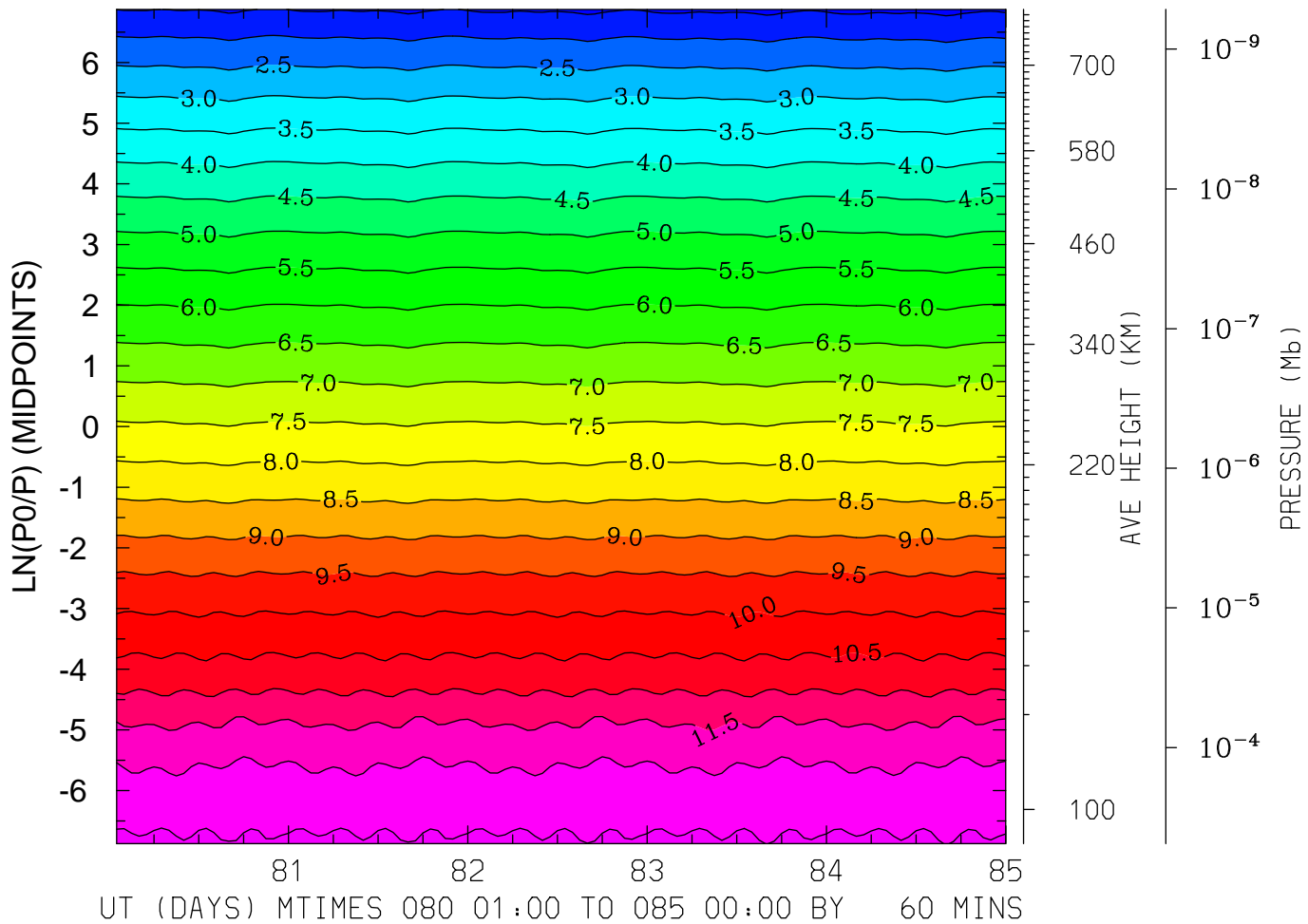
MIN,MAX= 1.6443E+00 1.2604E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
LAT= -1.25 LOCAL TIME= 0.00



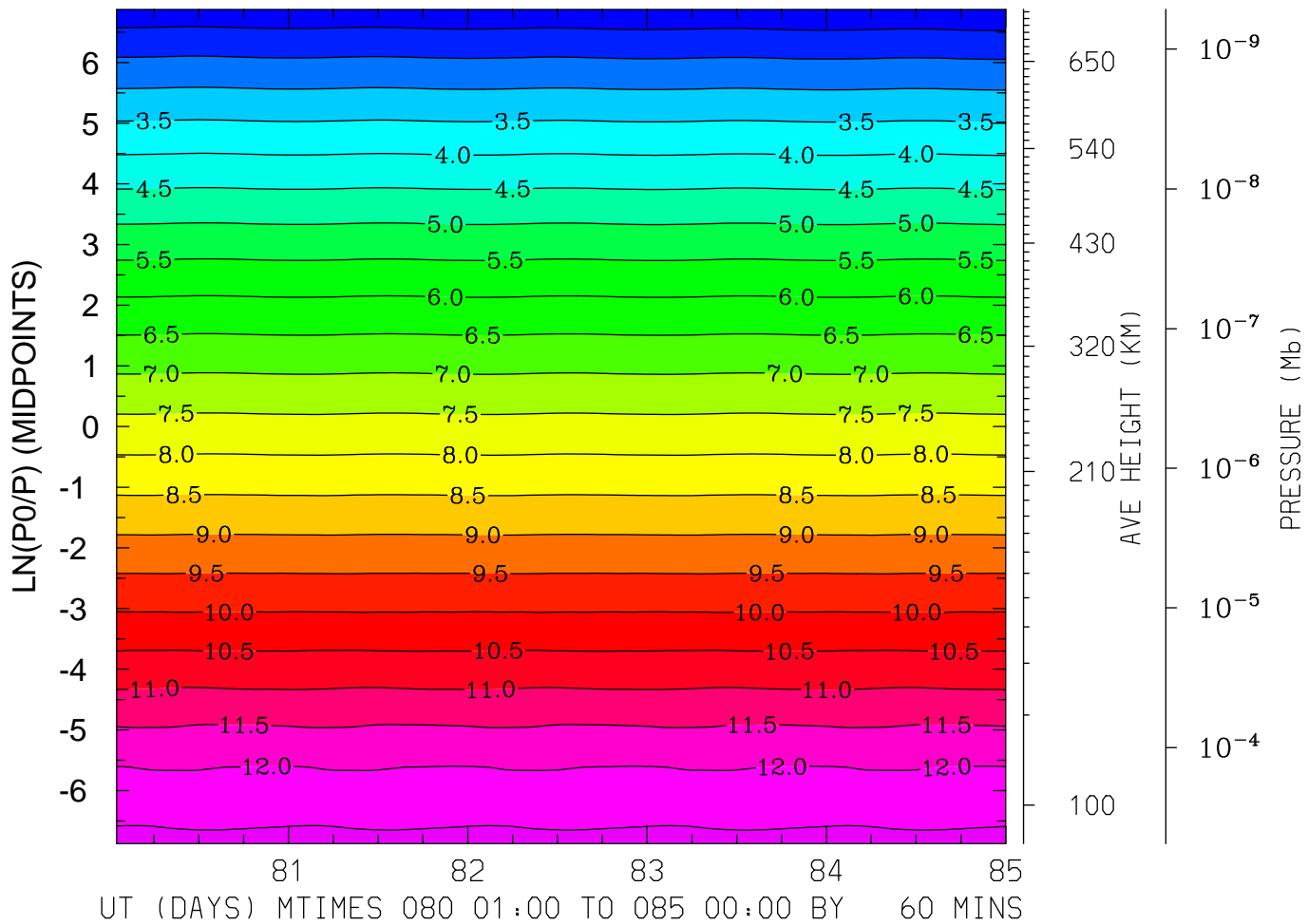
MIN,MAX= 1.7281E+00 1.2748E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
LAT= -1.25 LOCAL TIME=12.00



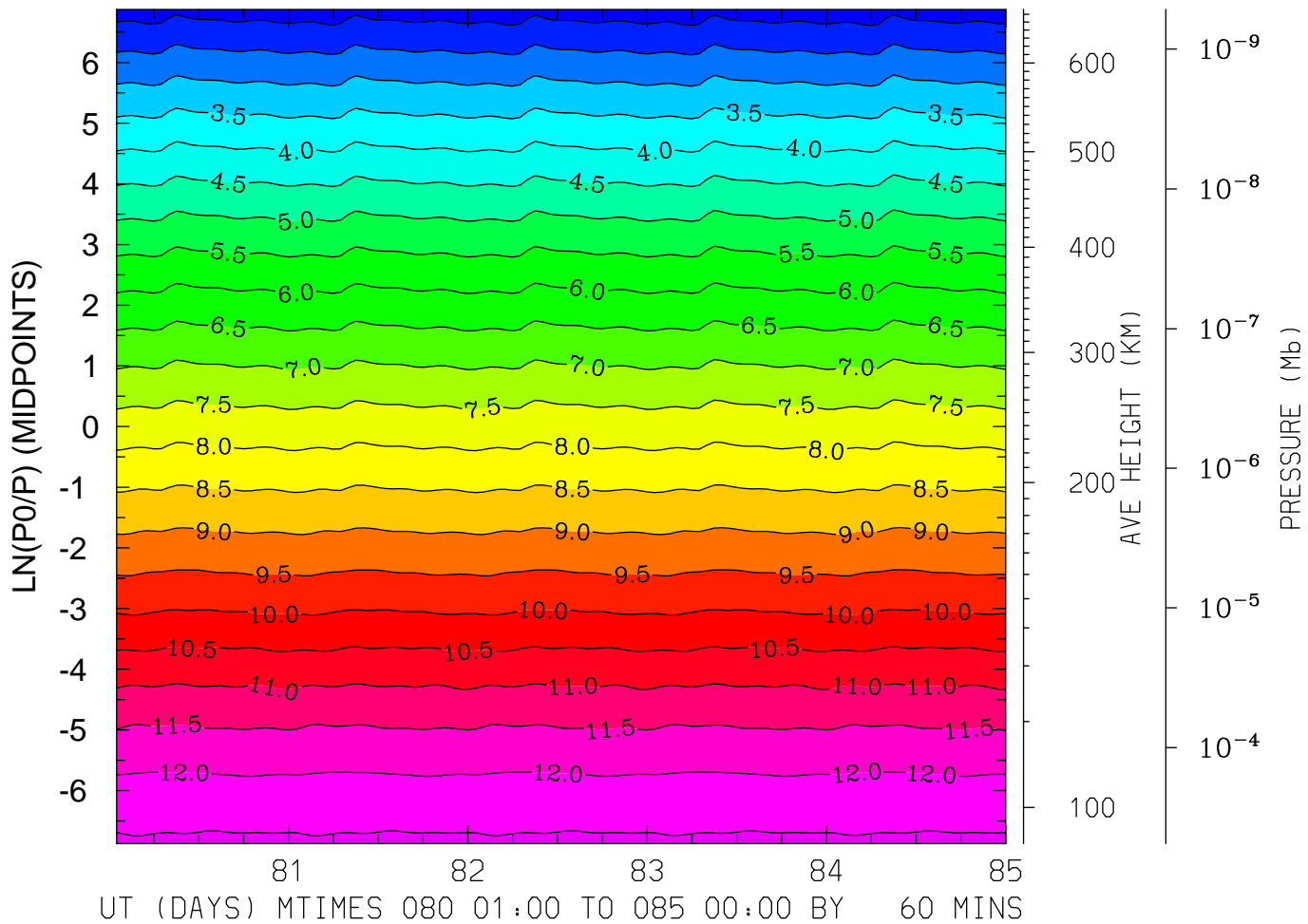
MIN,MAX= 1.3761E+00 1.2601E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
LAT= -1.25 (ZONAL MEANS)



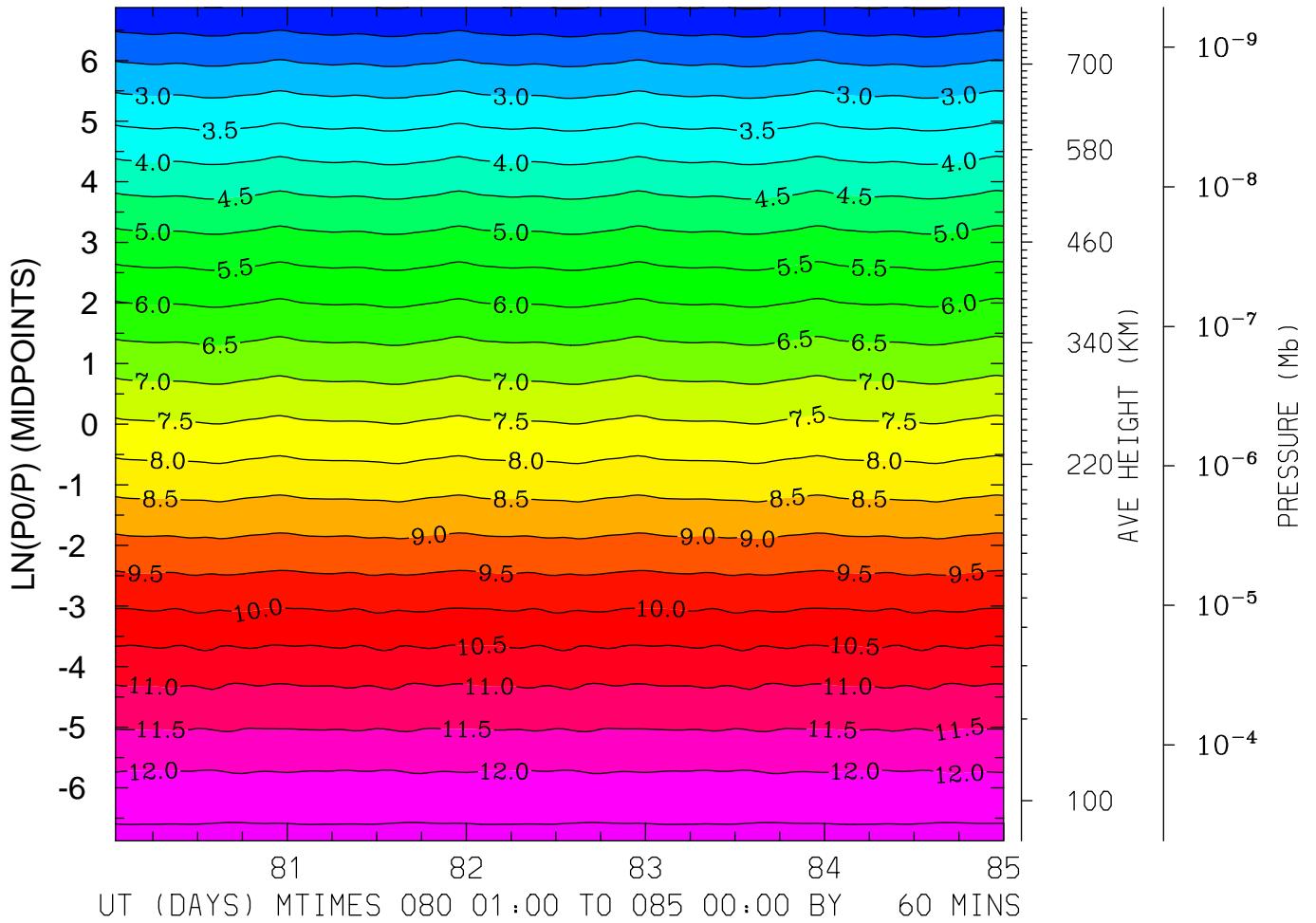
MIN,MAX= 1.6059E+00 1.2616E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
LAT= 38.75 LOCAL TIME= 0.00



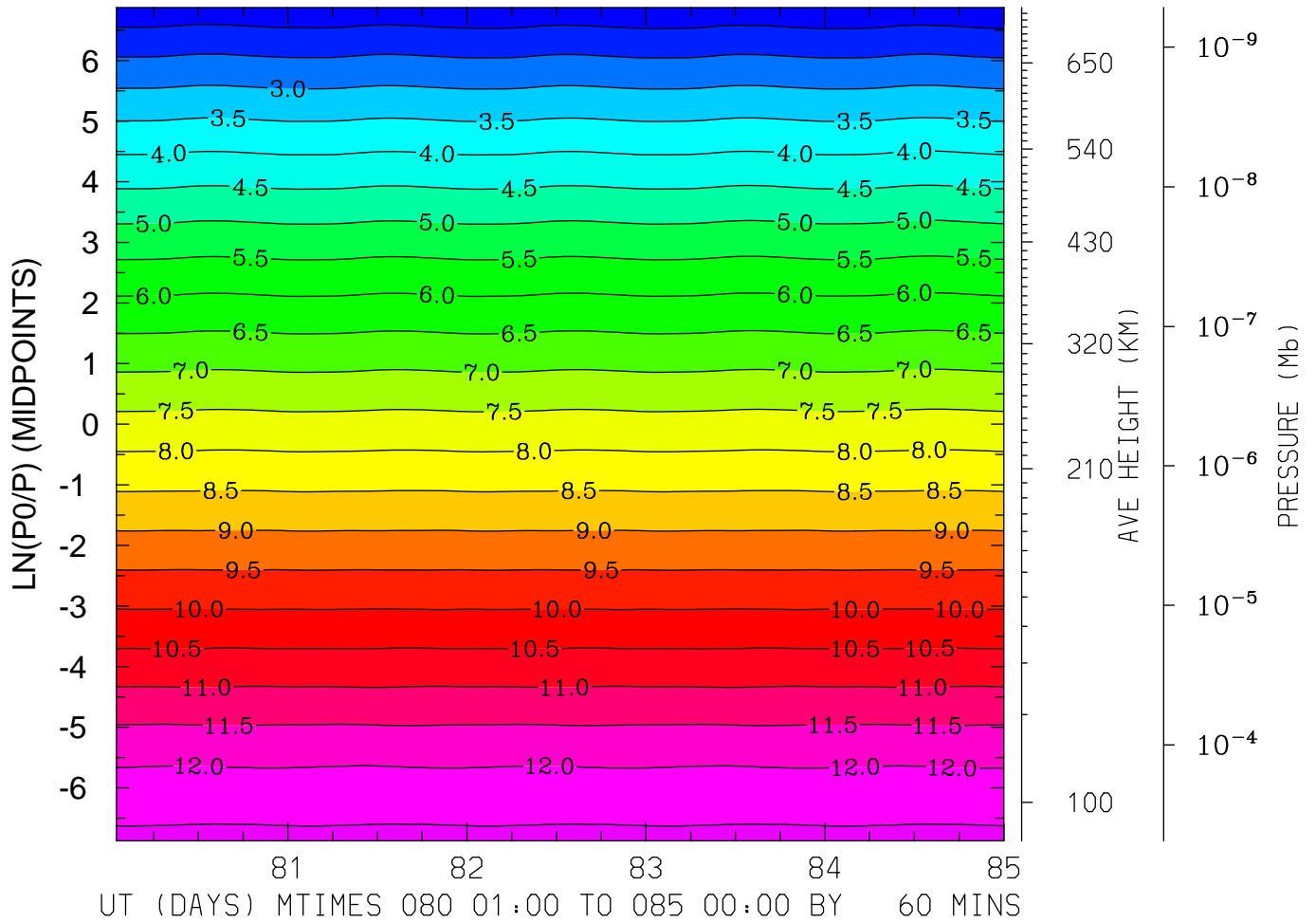
MIN,MAX= 1.7136E+00 1.2573E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
LAT= 38.75 LOCAL TIME=12.00



MIN,MAX= 1.4681E+00 1.2616E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

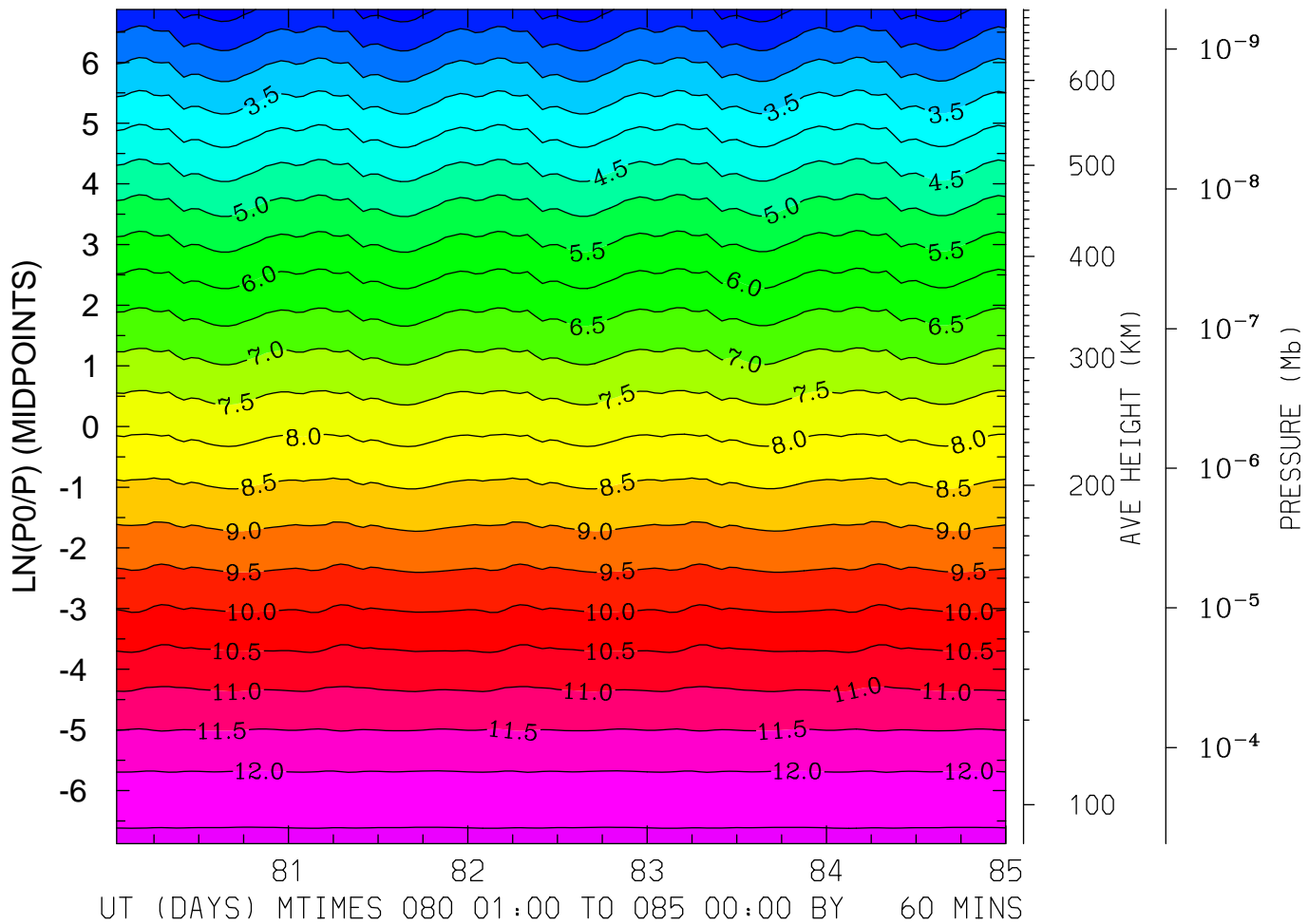
LOG10 MOLECULAR OXYGEN (CM3)  
LAT= 38.75 (ZONAL MEANS)



MIN,MAX= 1.6169E+00 1.2605E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

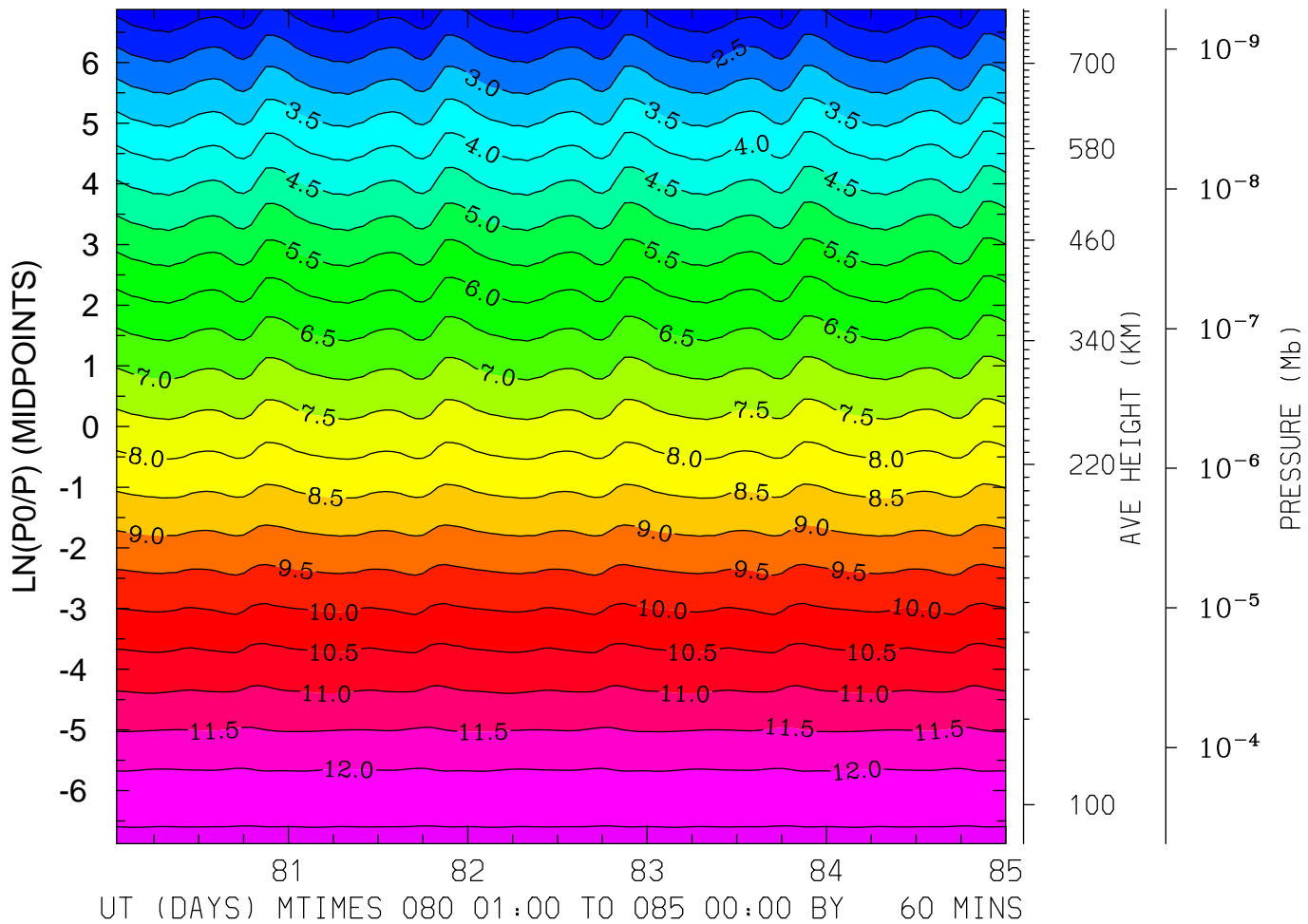


LOG10 MOLECULAR OXYGEN (CM3)  
LAT= 58.75 LOCAL TIME= 0.00



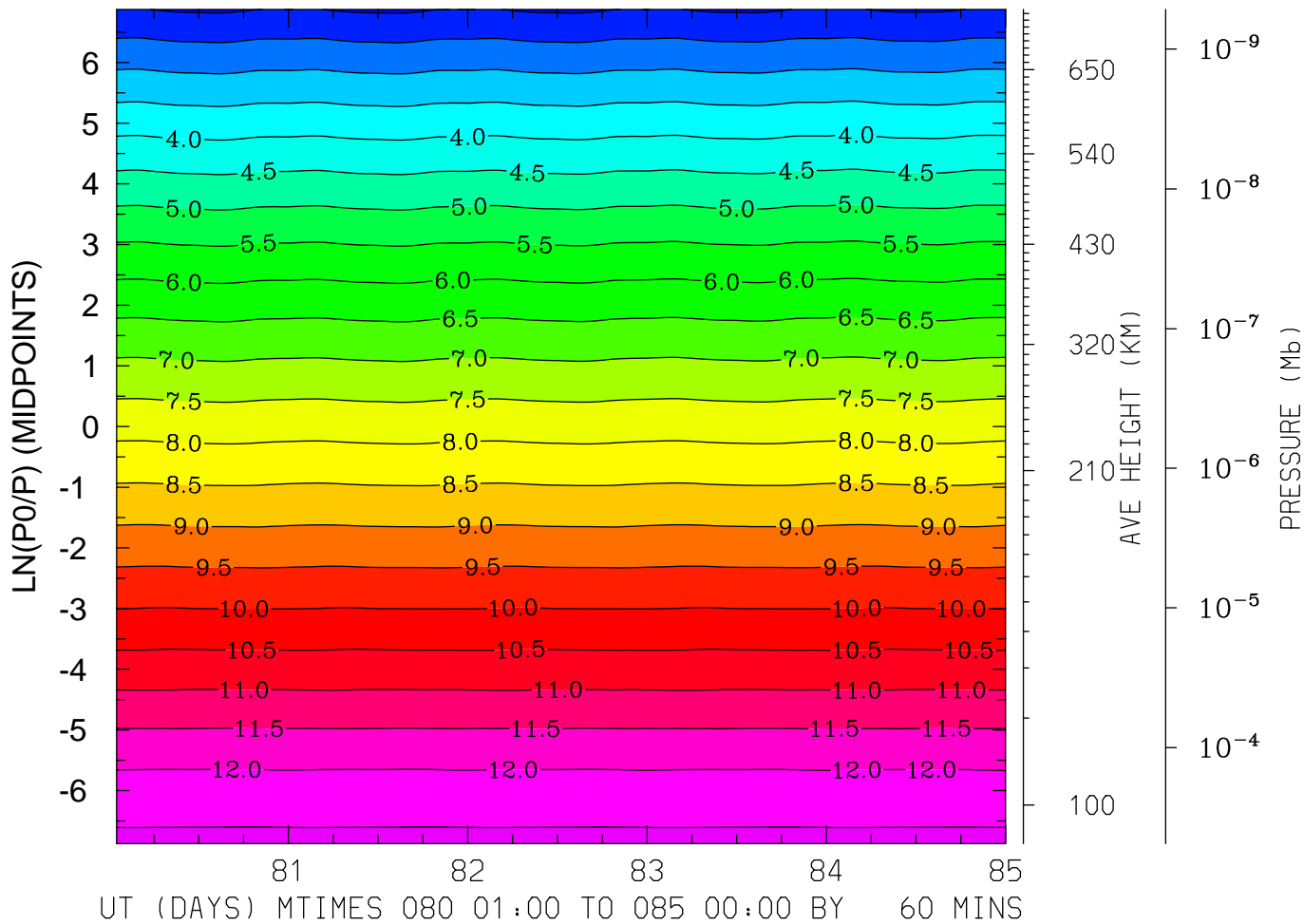
MIN,MAX= 1.7727E+00 1.2594E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
LAT= 58.75 LOCAL TIME=12.00



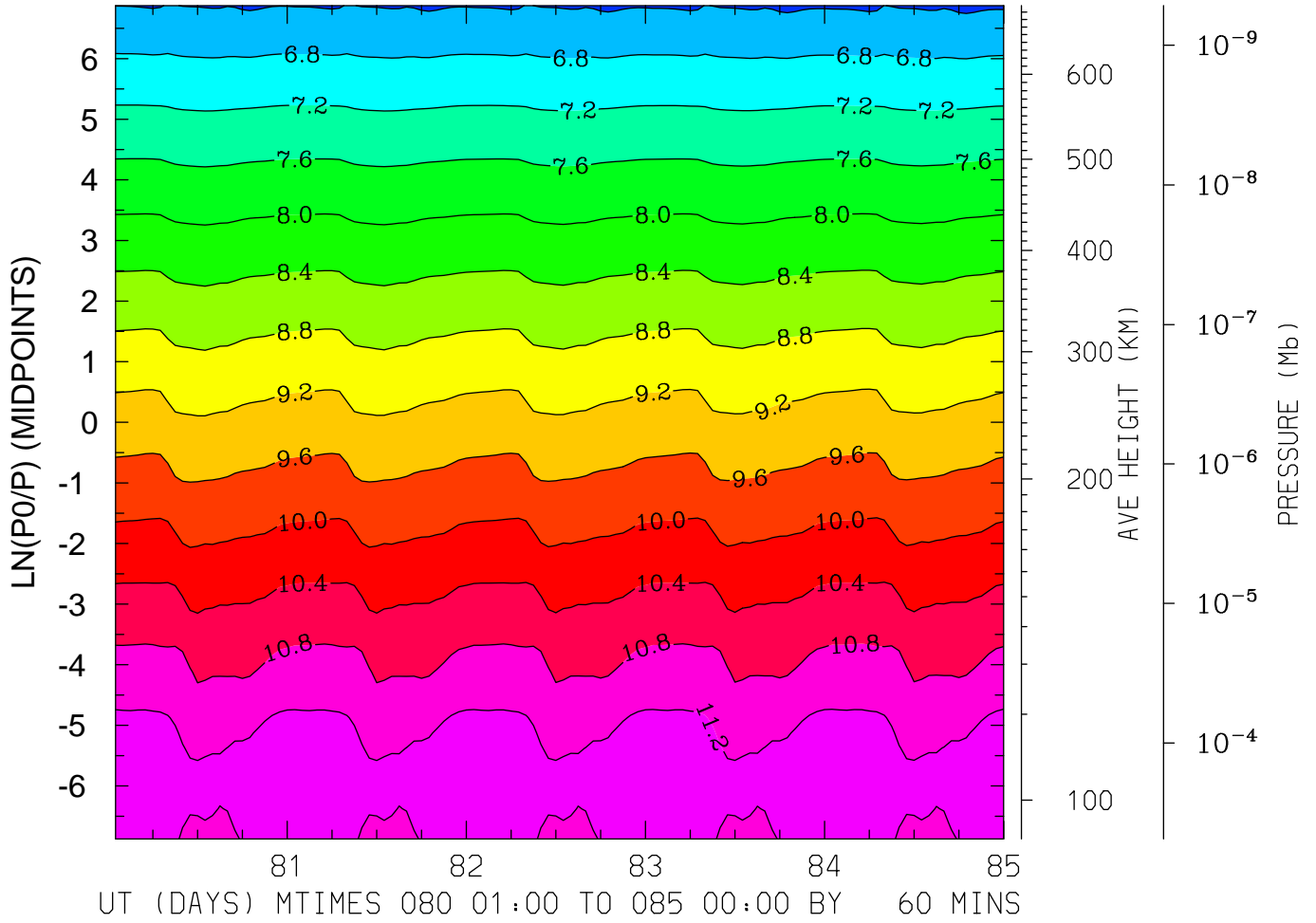
MIN,MAX= 1.5809E+00 1.2609E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
LAT= 58.75 (ZONAL MEANS)



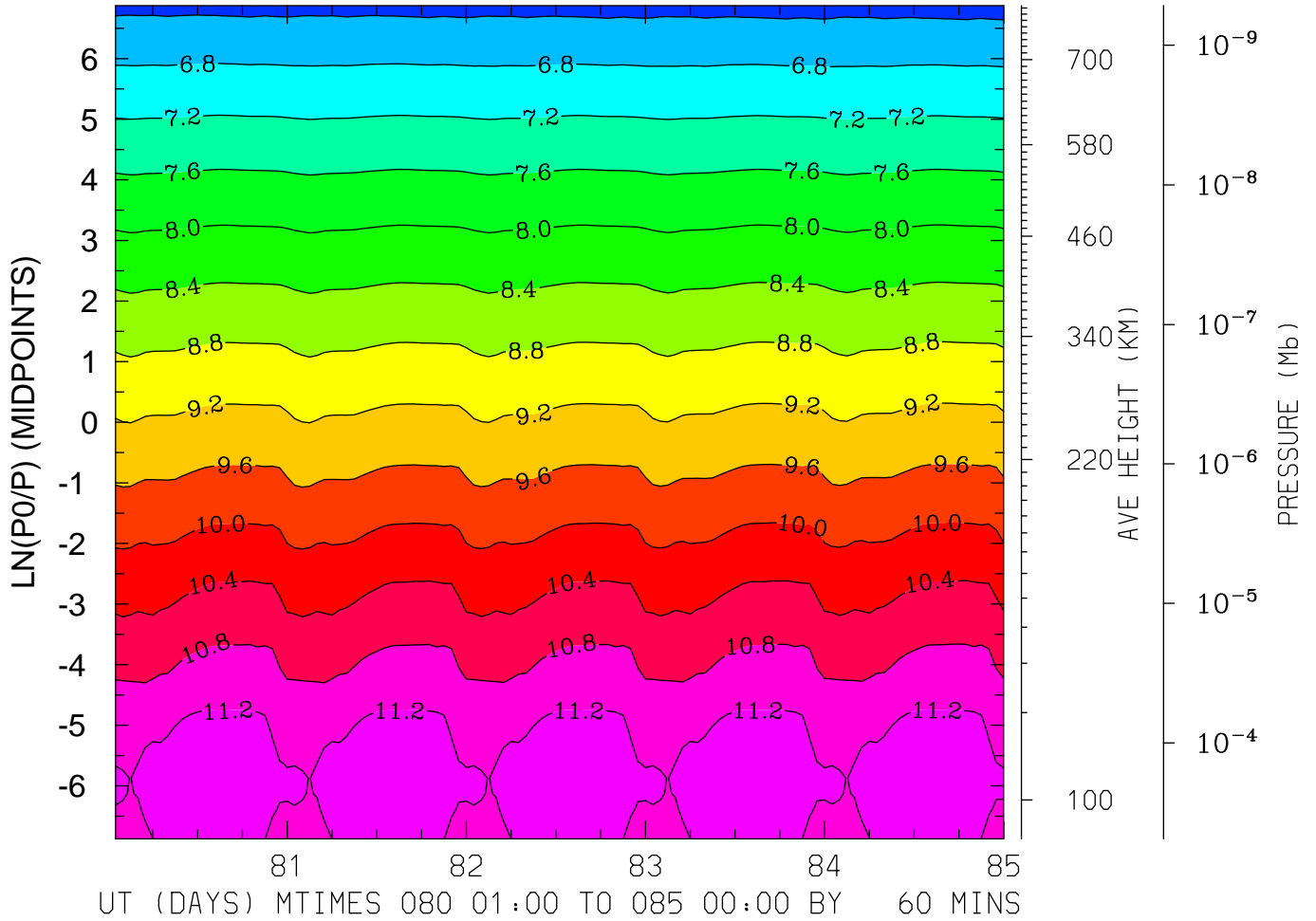
MIN,MAX= 1.9309E+00 1.2600E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
LAT=-61.25 LOCAL TIME= 0.00



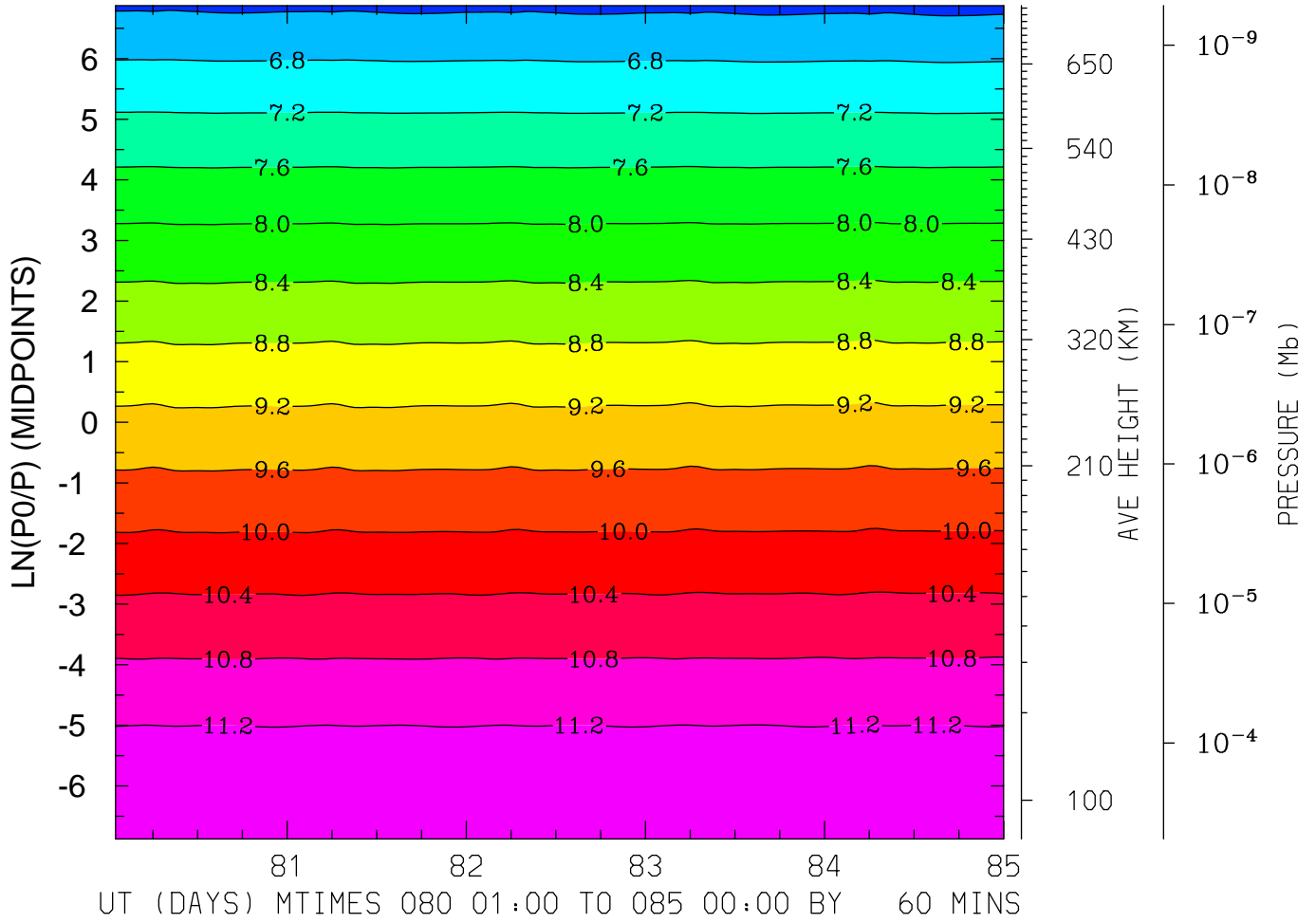
MIN,MAX= 6.3256E+00 1.1451E+01 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
LAT=-61.25 LOCAL TIME=12.00



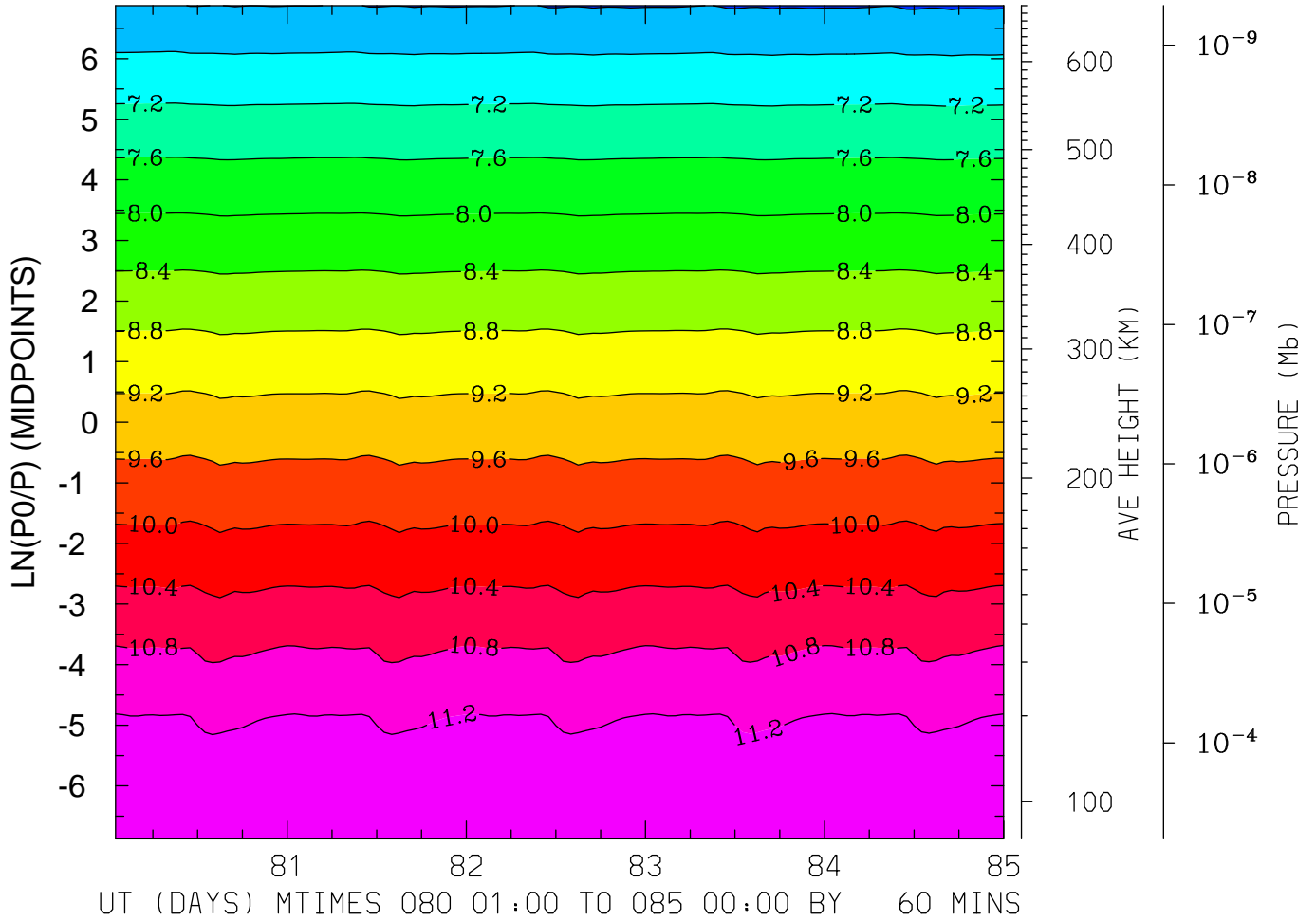
MIN,MAX= 6.2694E+00 1.1444E+01 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
LAT=-61.25 (ZONAL MEANS)



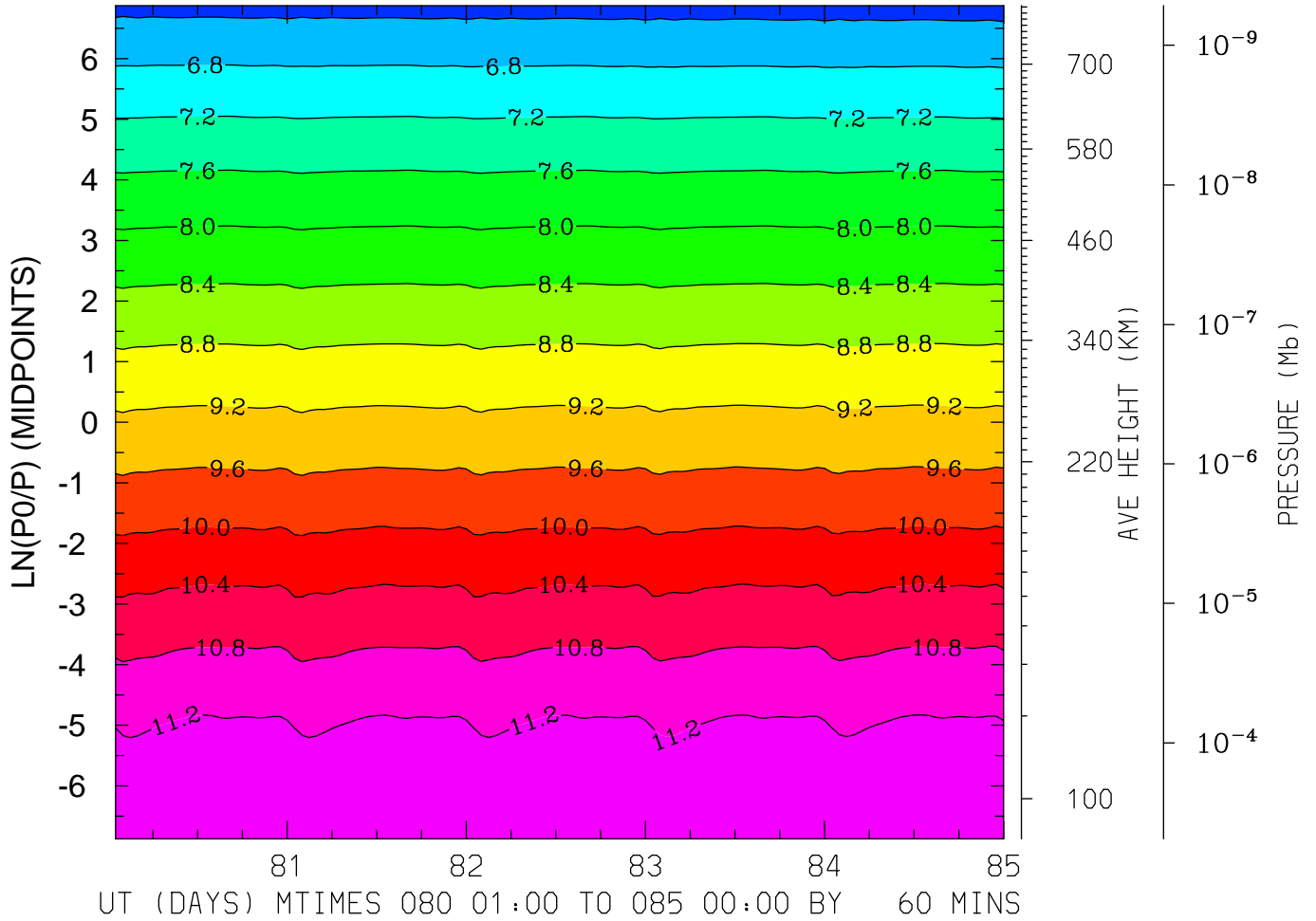
MIN,MAX= 6.3067E+00 1.1358E+01 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
LAT=-41.25 LOCAL TIME= 0.00



MIN,MAX= 6.3636E+00 1.1503E+01 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

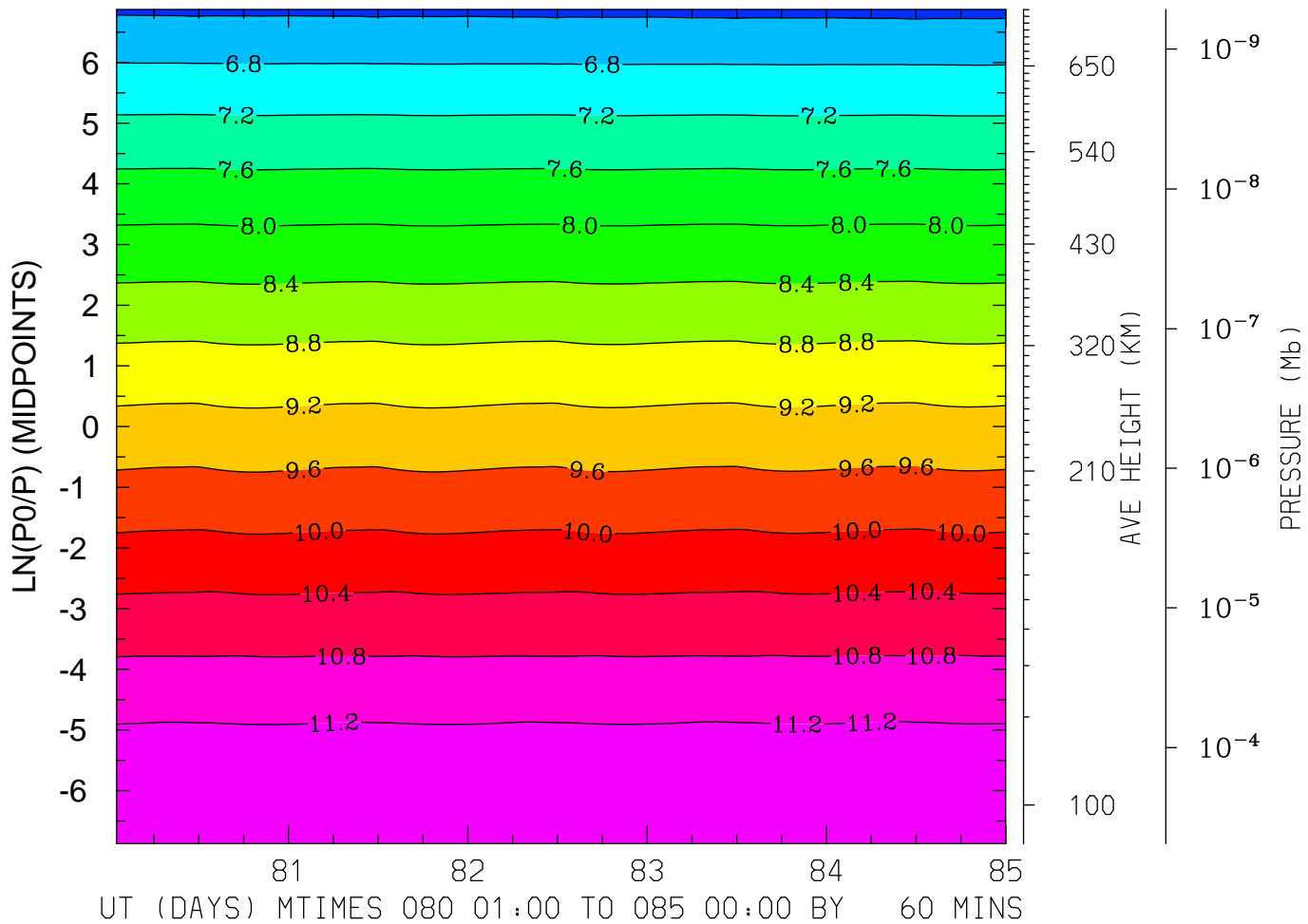
LOG10 ATOMIC OXYGEN (CM3)  
LAT=-41.25 LOCAL TIME=12.00



MIN,MAX= 6.2476E+00 1.1441E+01 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

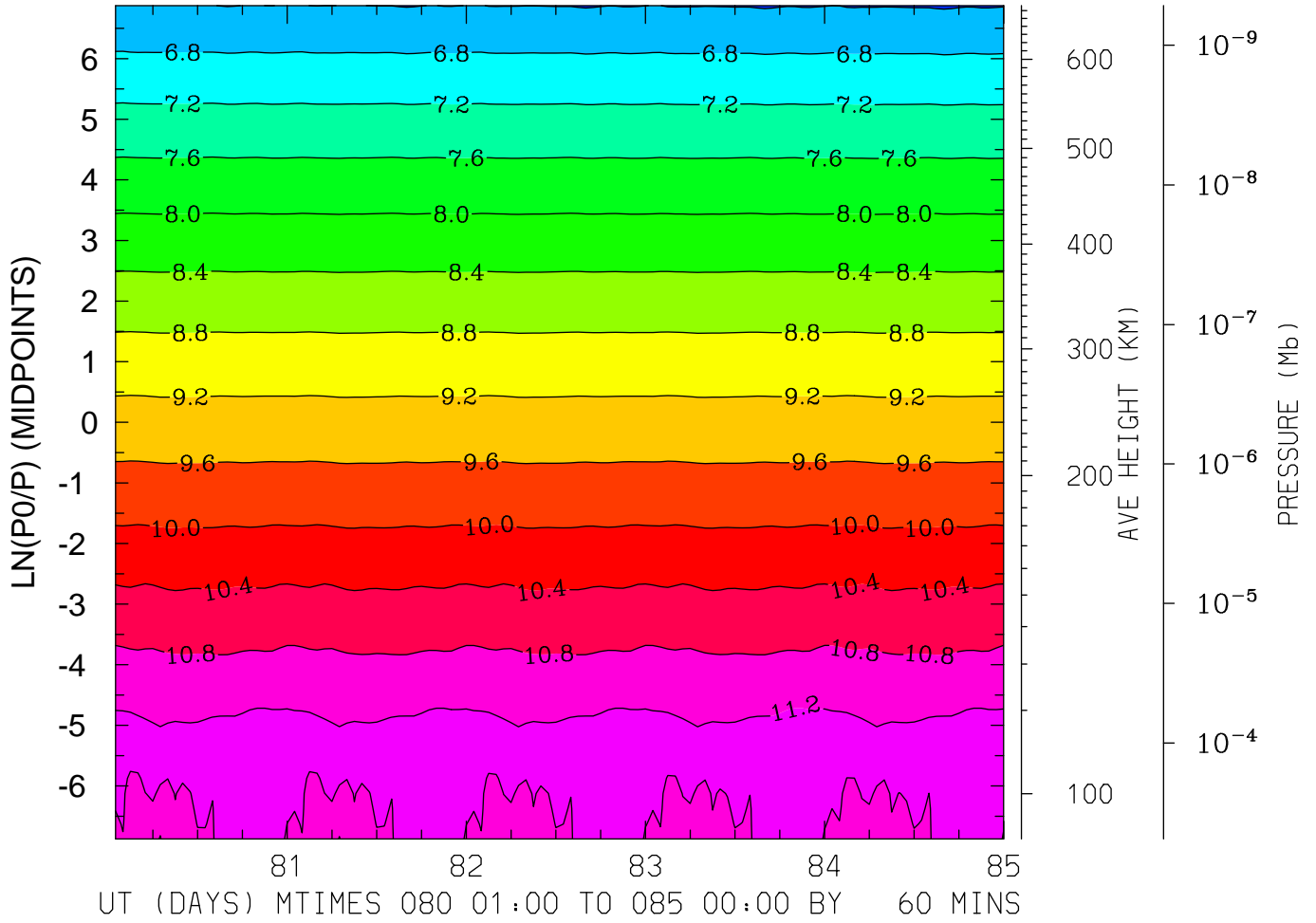


LOG10 ATOMIC OXYGEN (CM3)  
LAT=-41.25 (ZONAL MEANS)



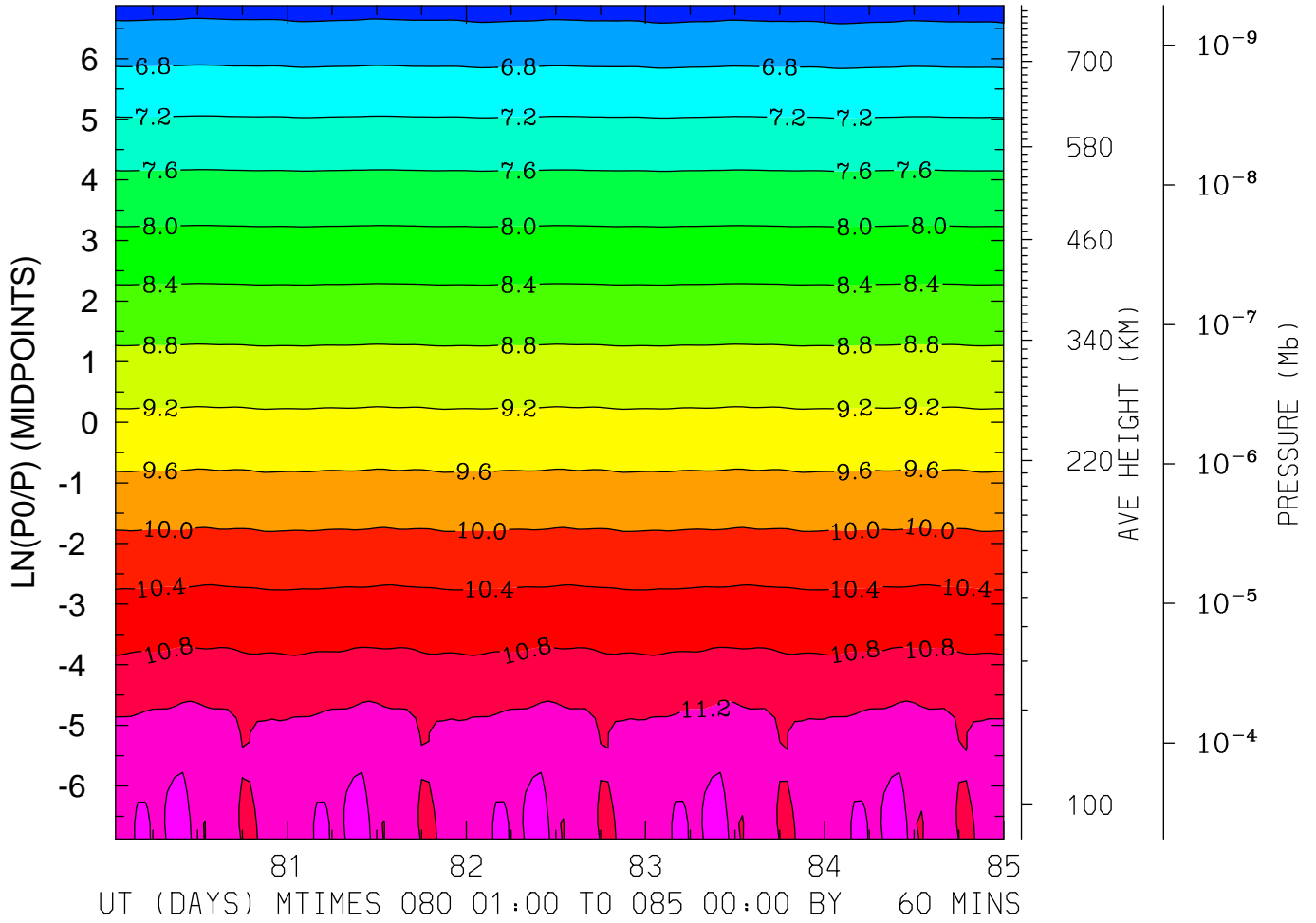
MIN,MAX= 6.3098E+00 1.1407E+01 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
LAT= -1.25 LOCAL TIME= 0.00



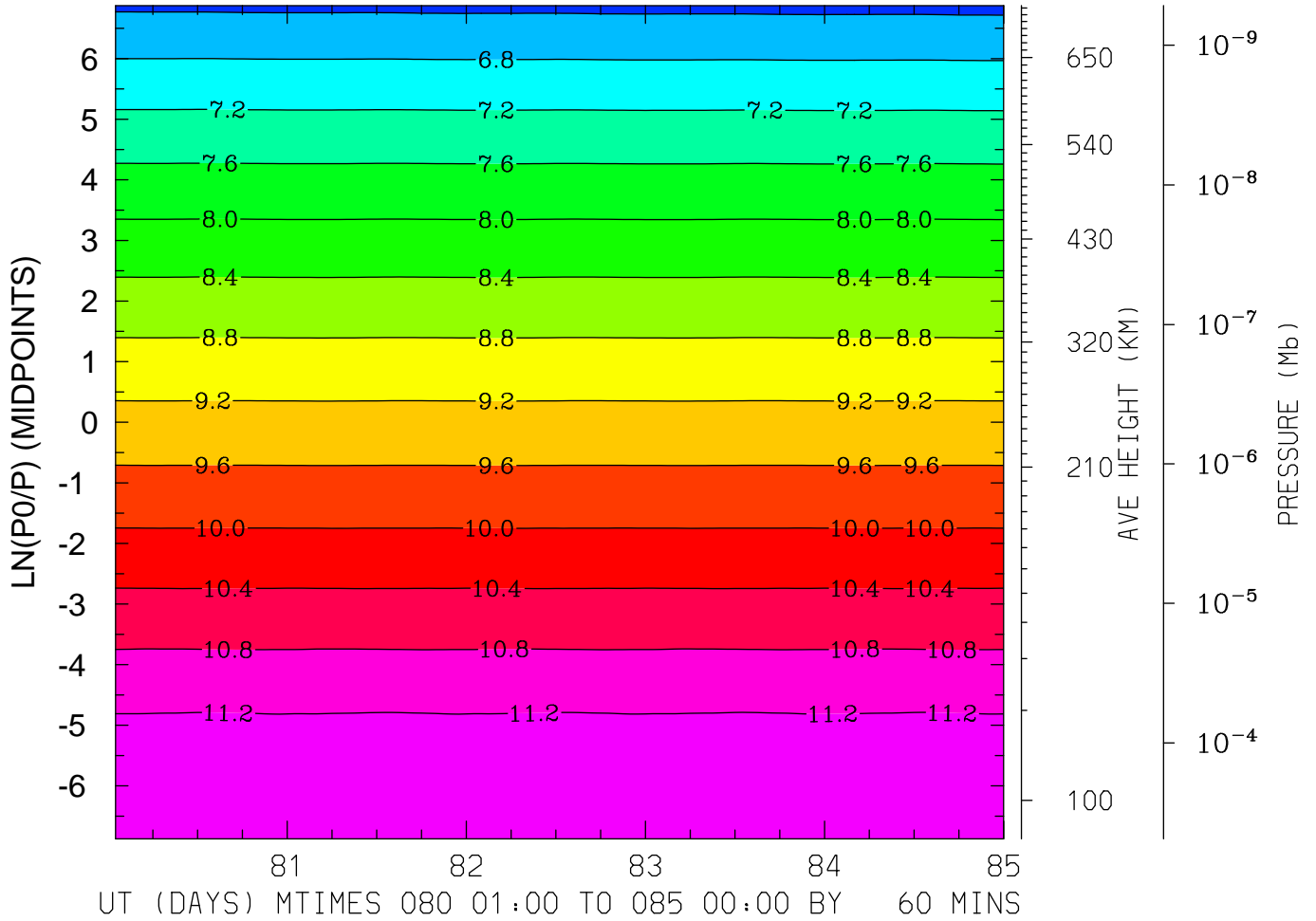
MIN,MAX= 6.3674E+00 1.1600E+01 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
LAT= -1.25 LOCAL TIME=12.00



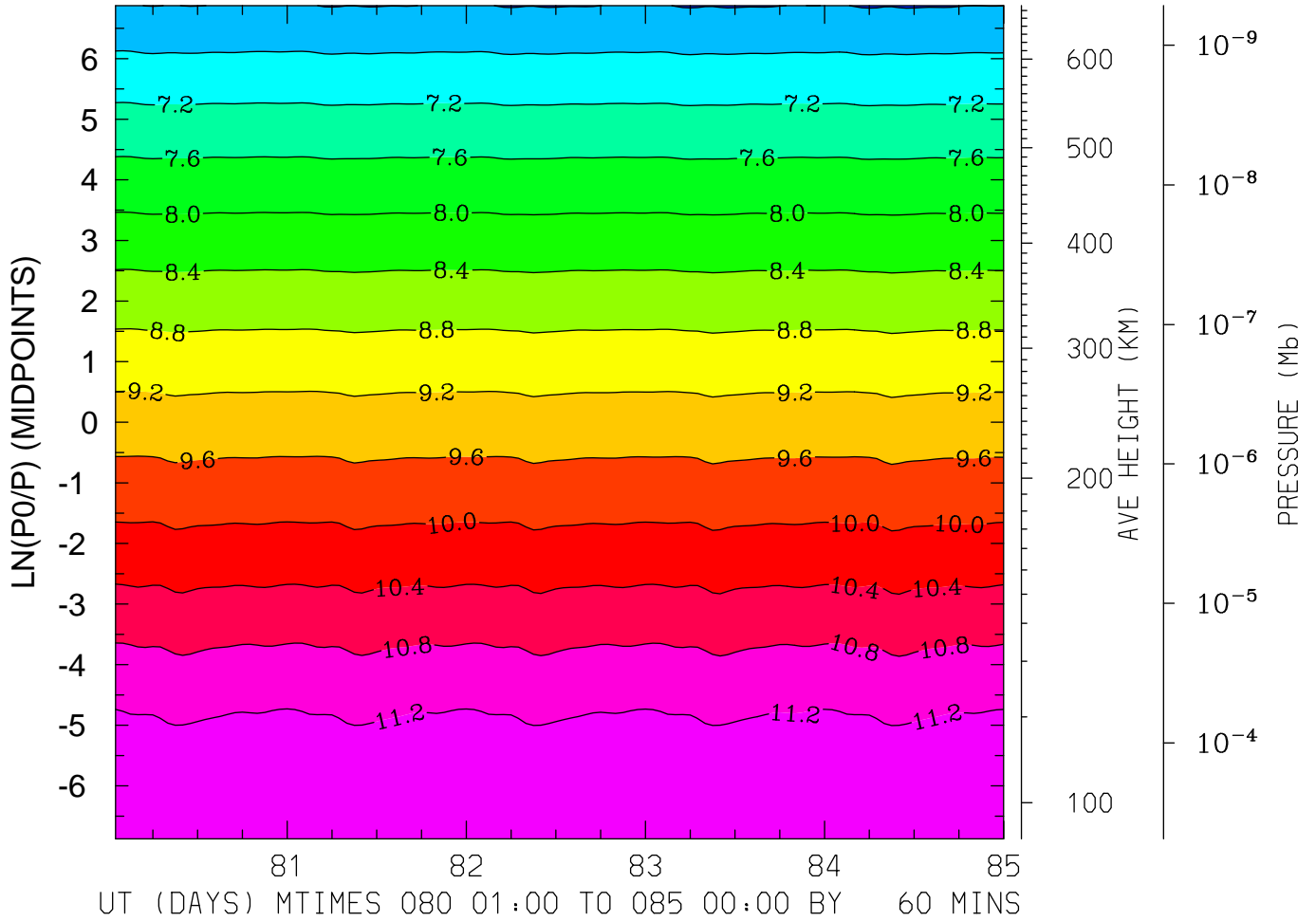
MIN,MAX= 6.2214E+00 1.1784E+01 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
LAT= -1.25 (ZONAL MEANS)



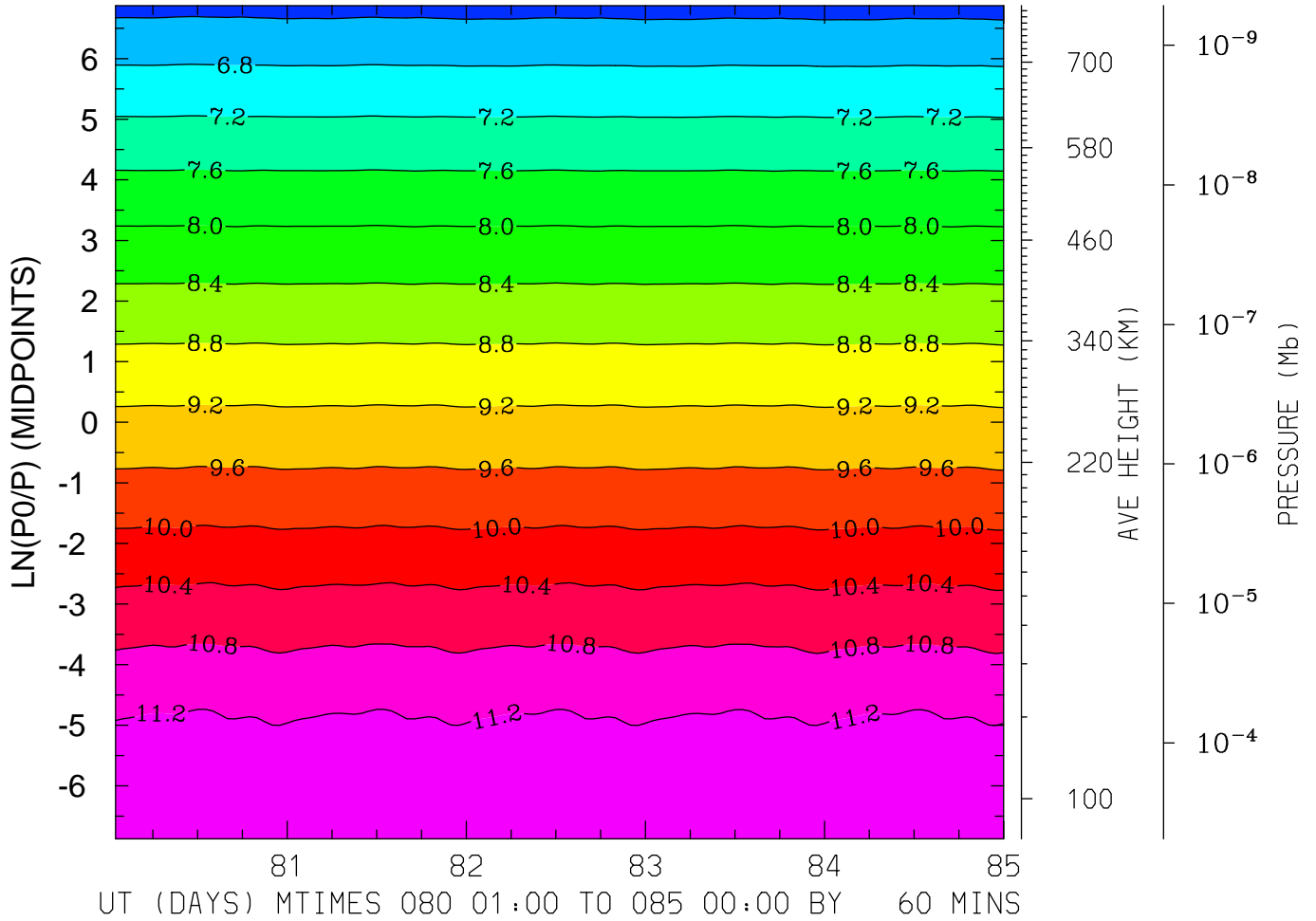
MIN,MAX= 6.3104E+00 1.1485E+01 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
LAT= 38.75 LOCAL TIME= 0.00



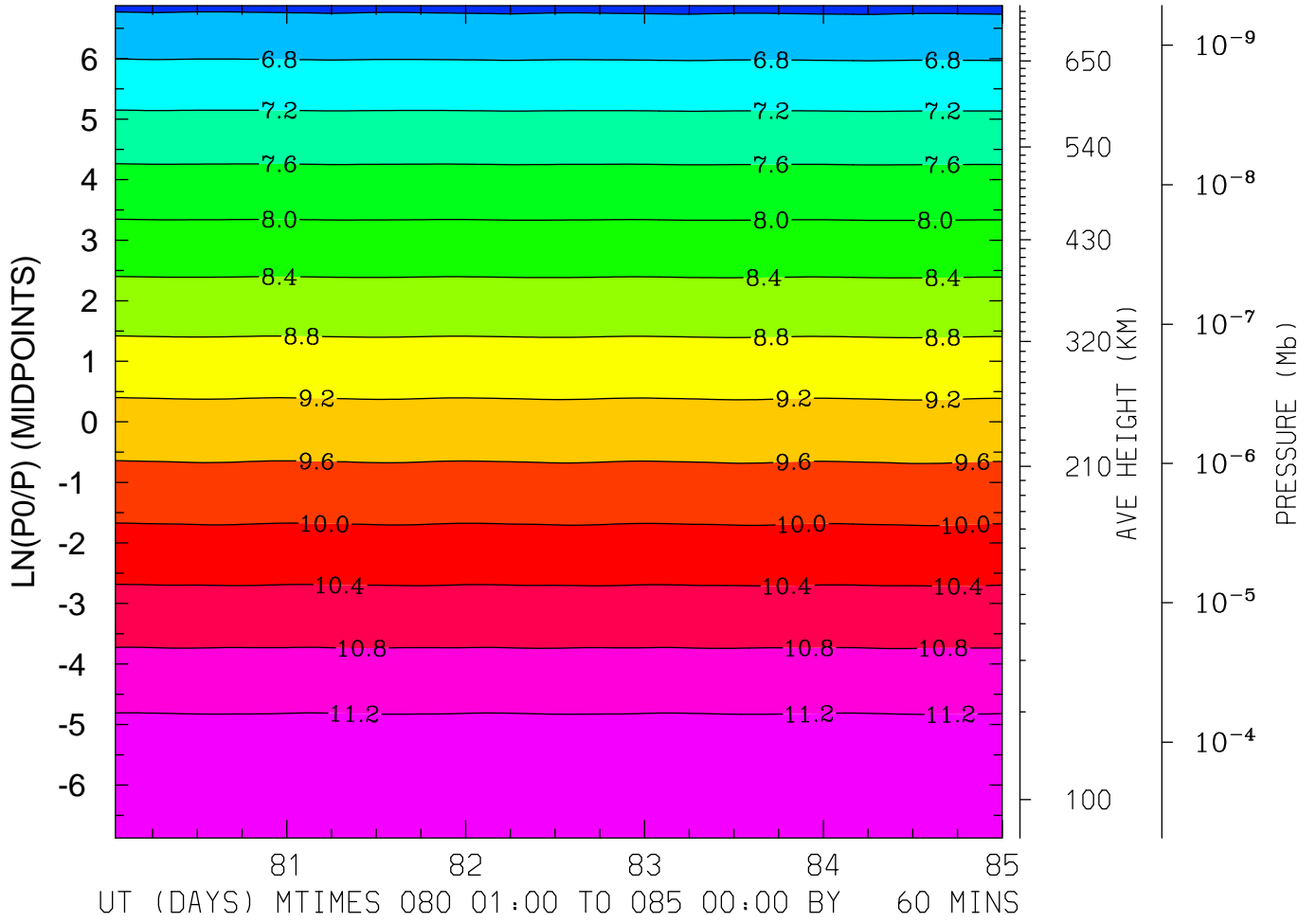
MIN,MAX= 6.3769E+00 1.1551E+01 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
LAT= 38.75 LOCAL TIME=12.00



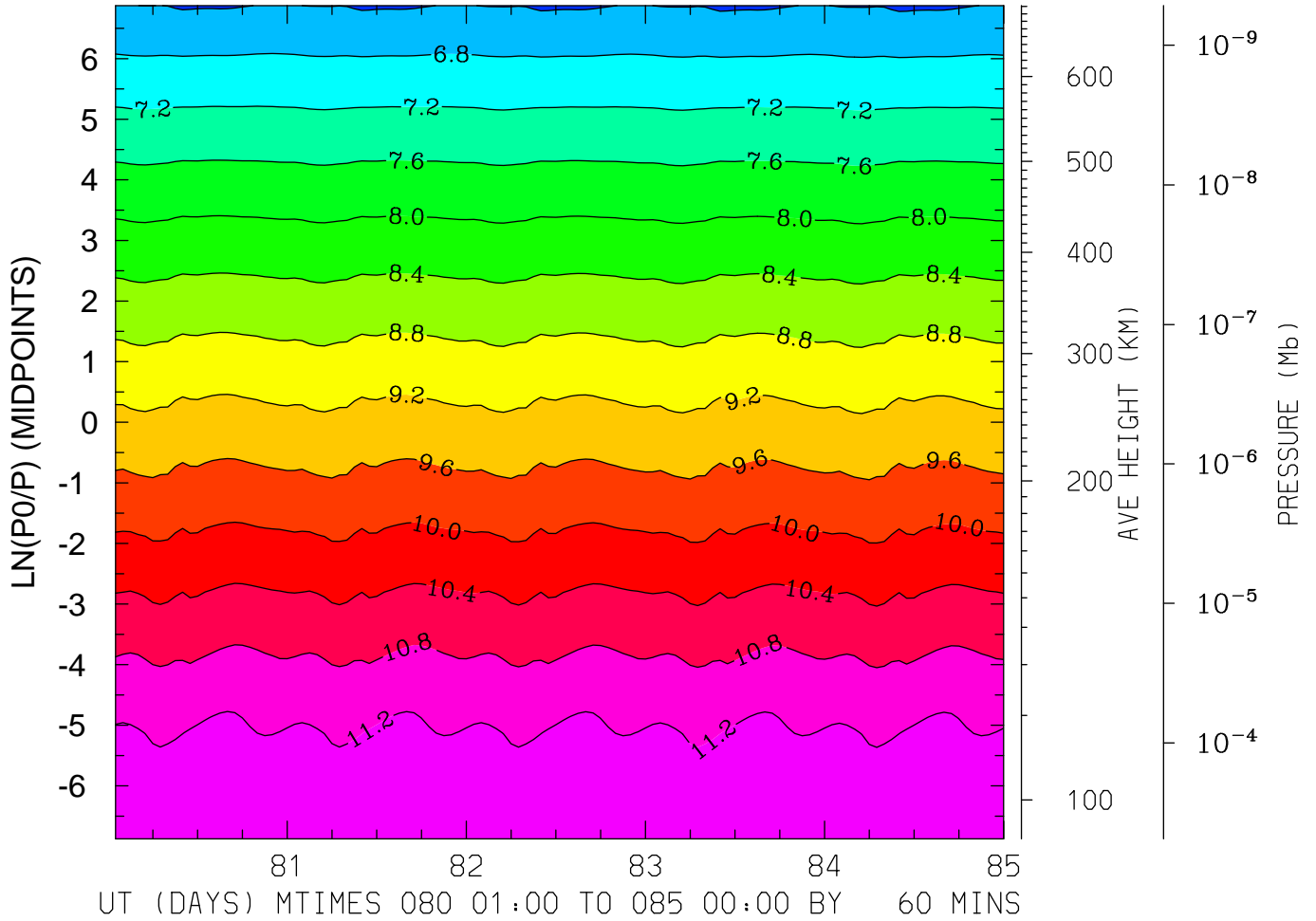
MIN,MAX= 6.2657E+00 1.1479E+01 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
LAT= 38.75 (ZONAL MEANS)



MIN,MAX= 6.3187E+00 1.1448E+01 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

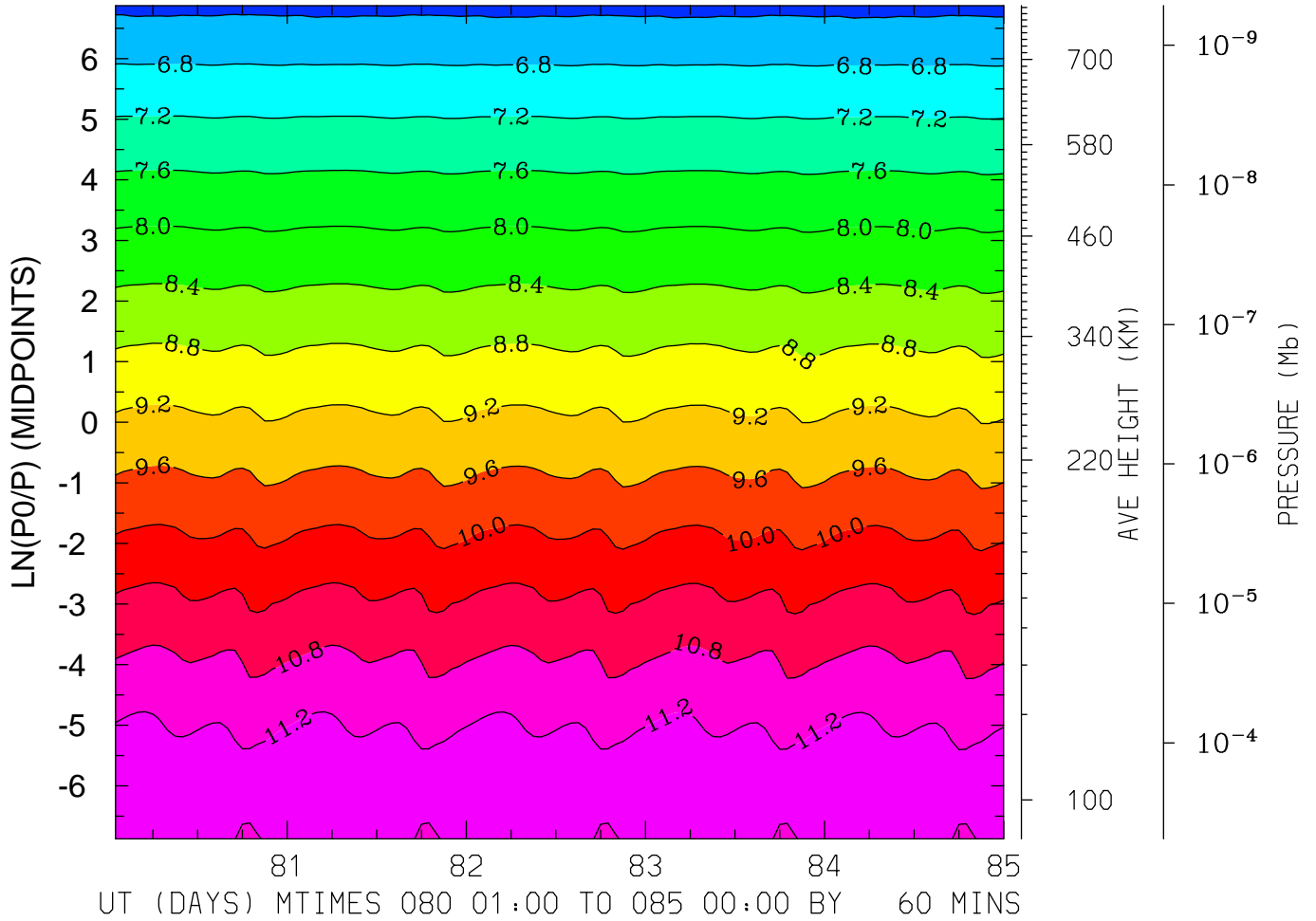
LOG10 ATOMIC OXYGEN (CM3)  
LAT= 58.75 LOCAL TIME= 0.00



MIN,MAX= 6.3459E+00 1.1450E+01 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

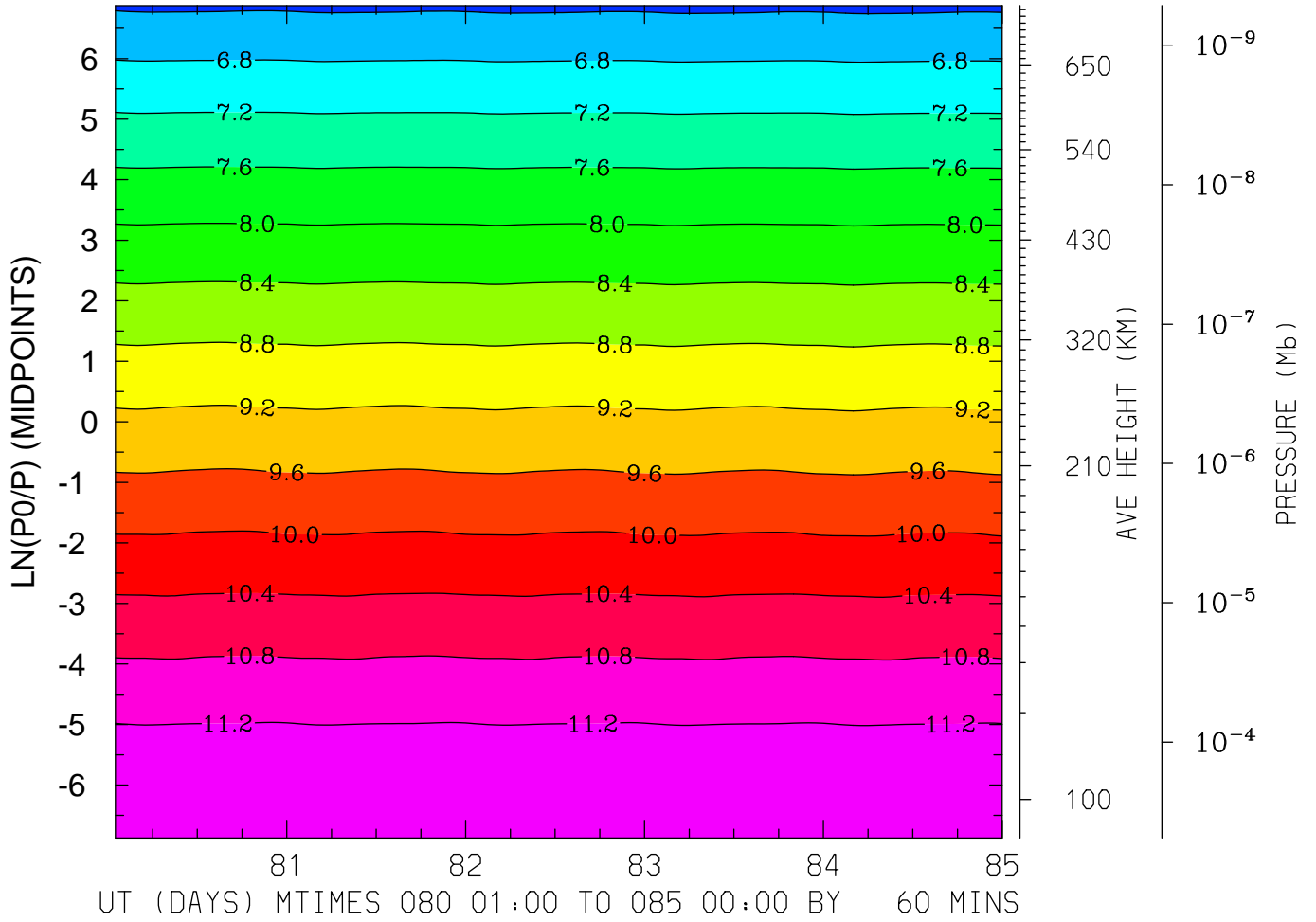


LOG10 ATOMIC OXYGEN (CM3)  
LAT= 58.75 LOCAL TIME=12.00



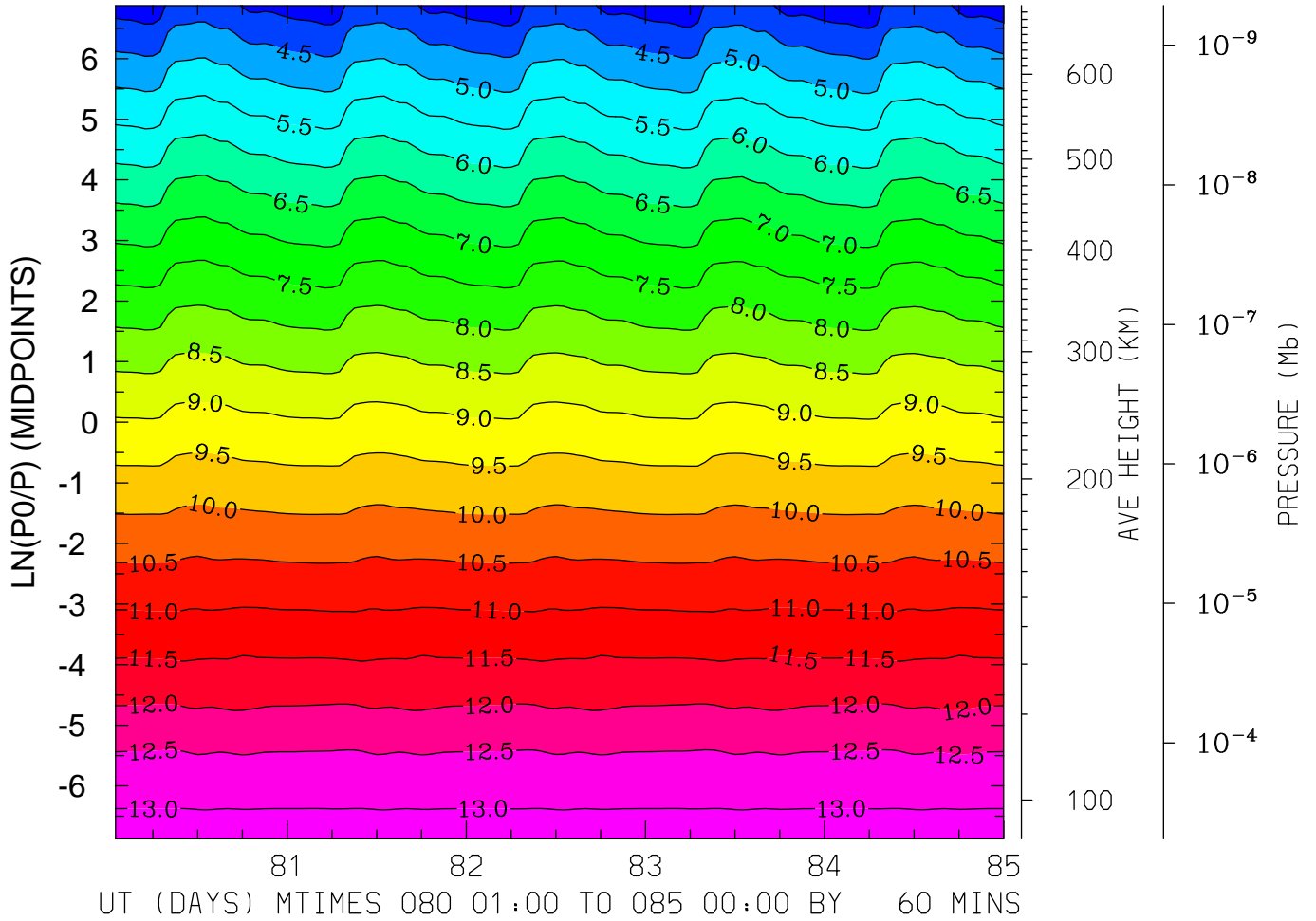
MIN,MAX= 6.2876E+00 1.1444E+01 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
LAT= 58.75 (ZONAL MEANS)



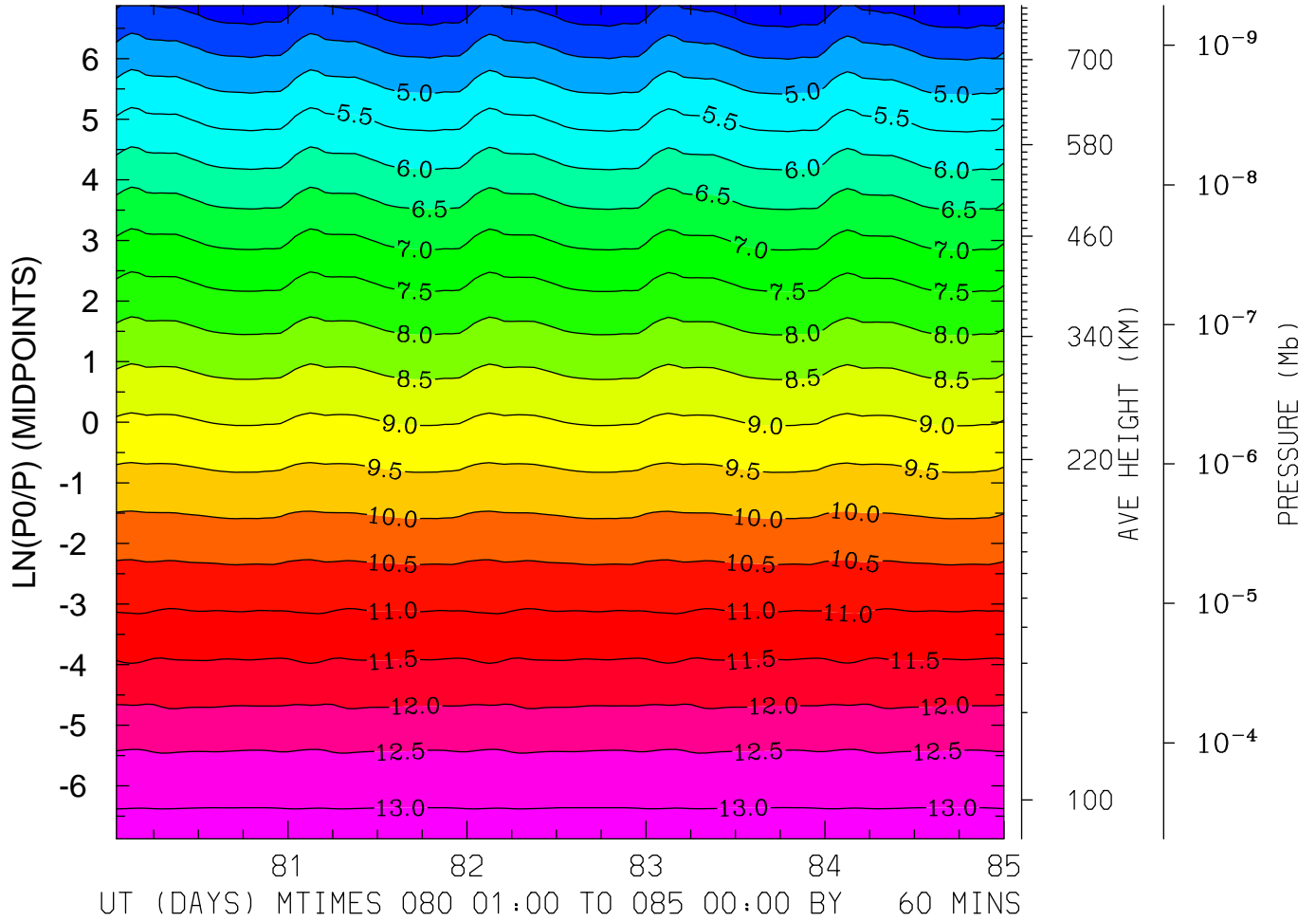
MIN,MAX= 6.3287E+00 1.1377E+01 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
LAT=-61.25 LOCAL TIME= 0.00



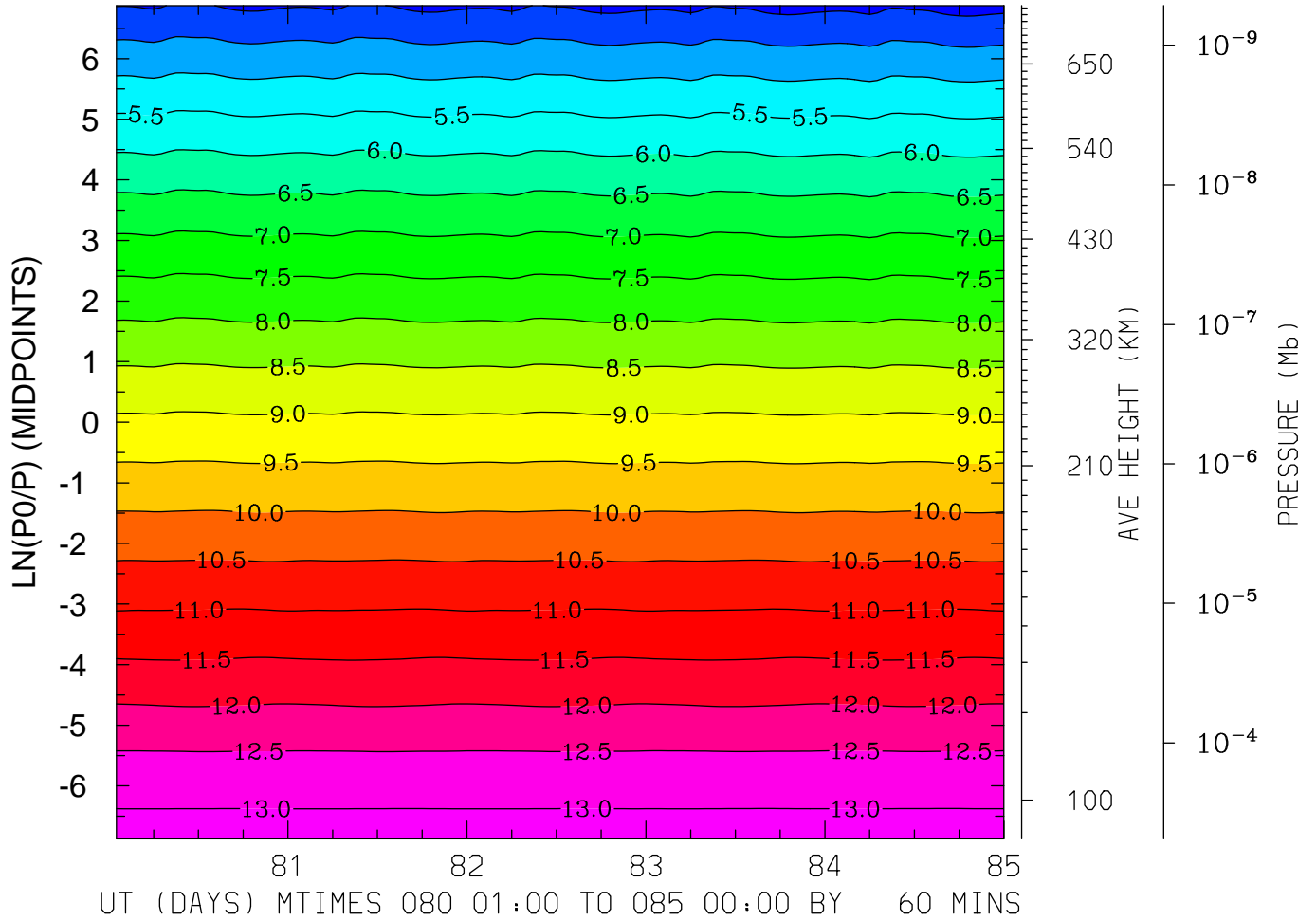
MIN,MAX= 3.5433E+00 1.3184E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
LAT=-61.25 LOCAL TIME=12.00



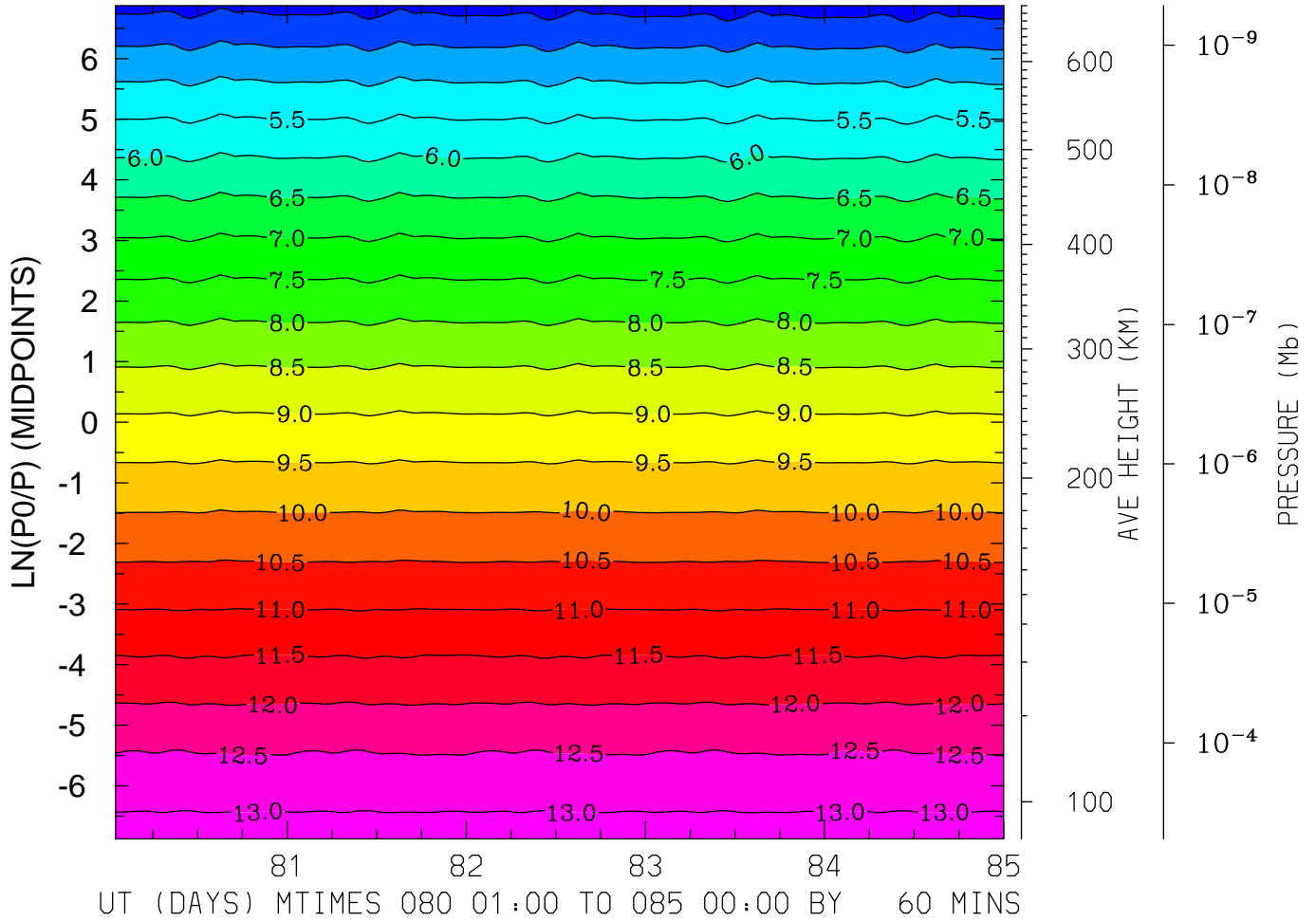
MIN,MAX= 3.5815E+00 1.3189E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
LAT=-61.25 (ZONAL MEANS)

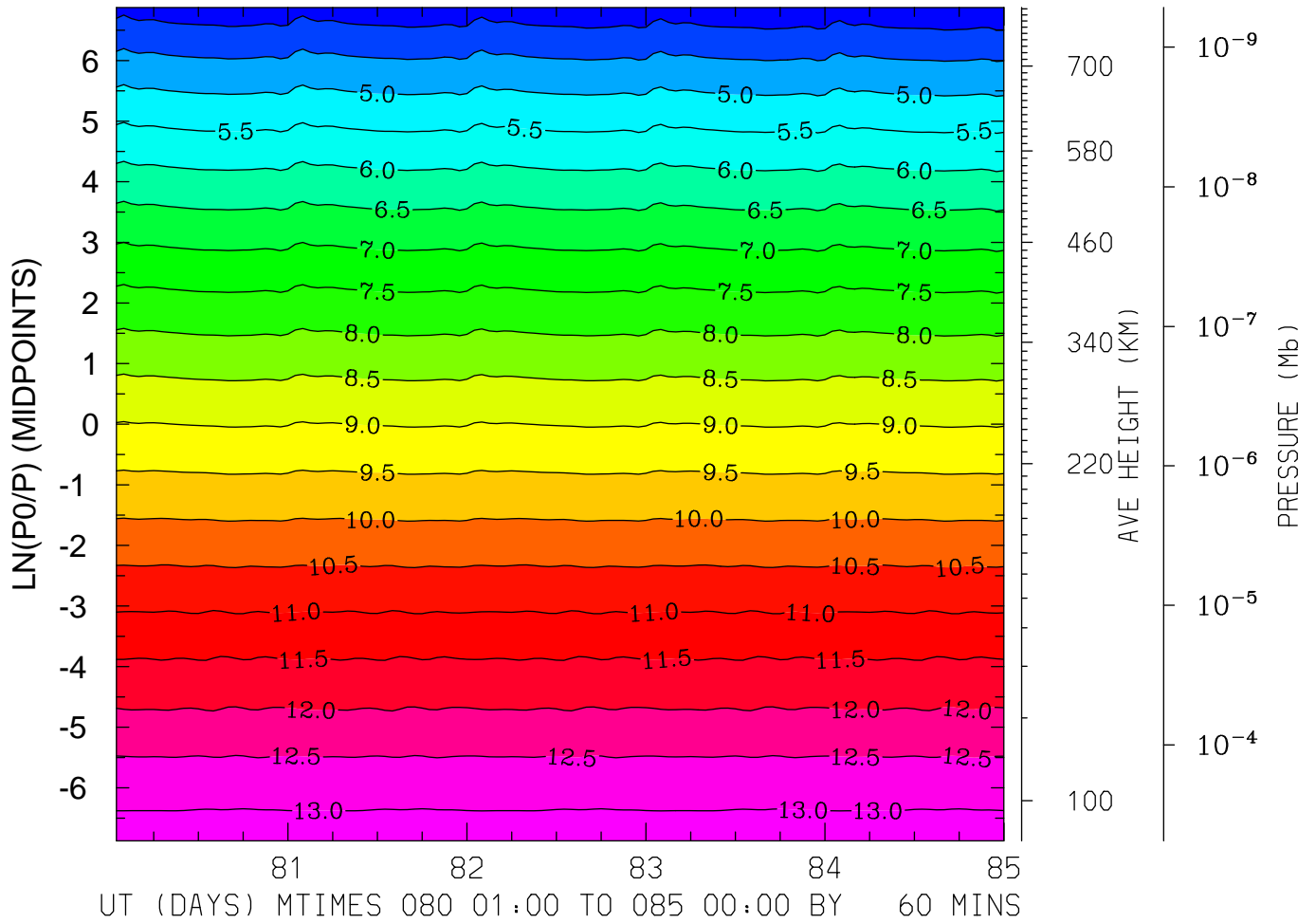


MIN,MAX= 3.8131E+00 1.3184E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
LAT=-41.25 LOCAL TIME= 0.00

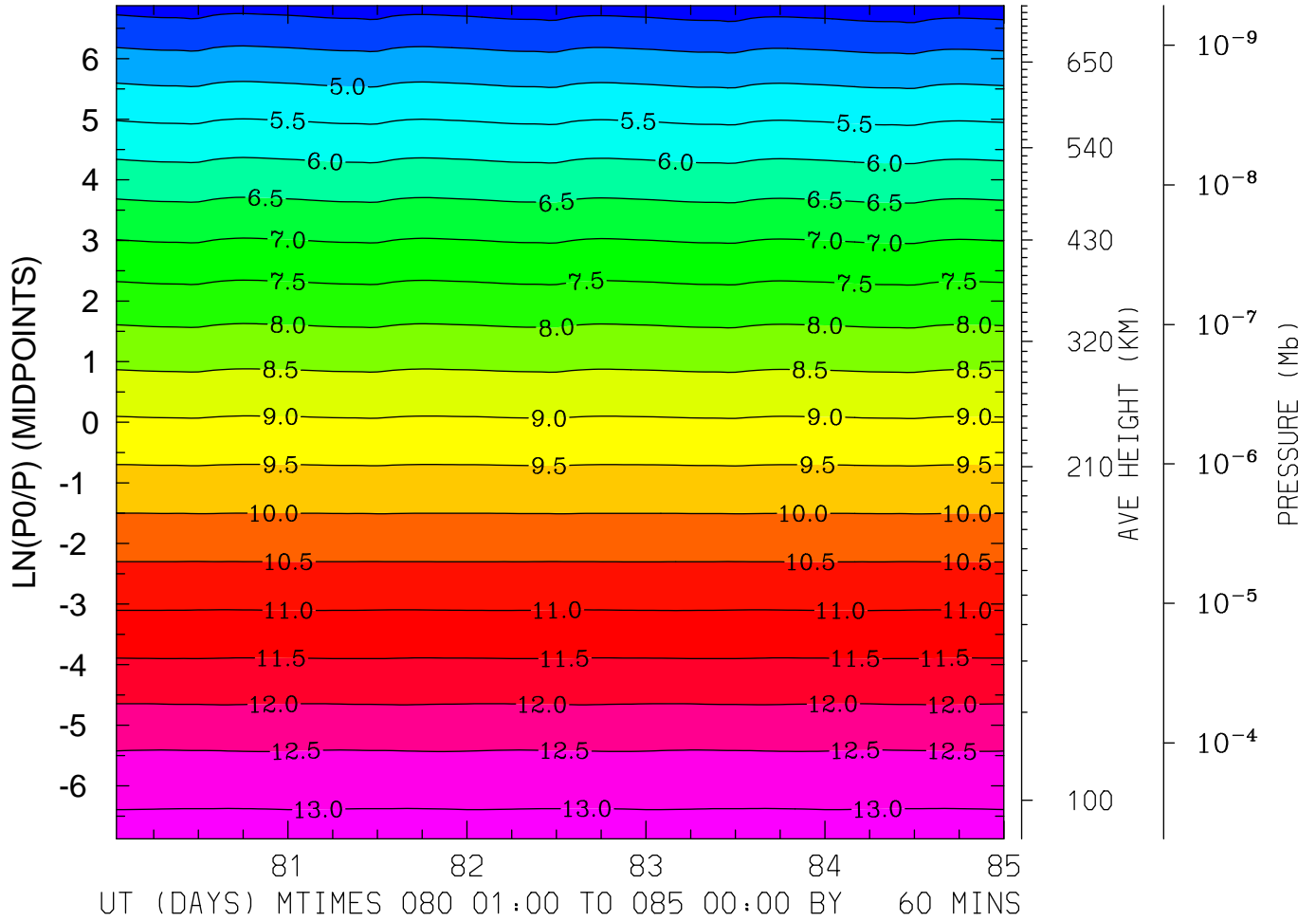


LOG10 MOLECULAR NITROGEN (CM3)  
LAT=-41.25 LOCAL TIME=12.00



MIN,MAX= 3.5707E+00 1.3207E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

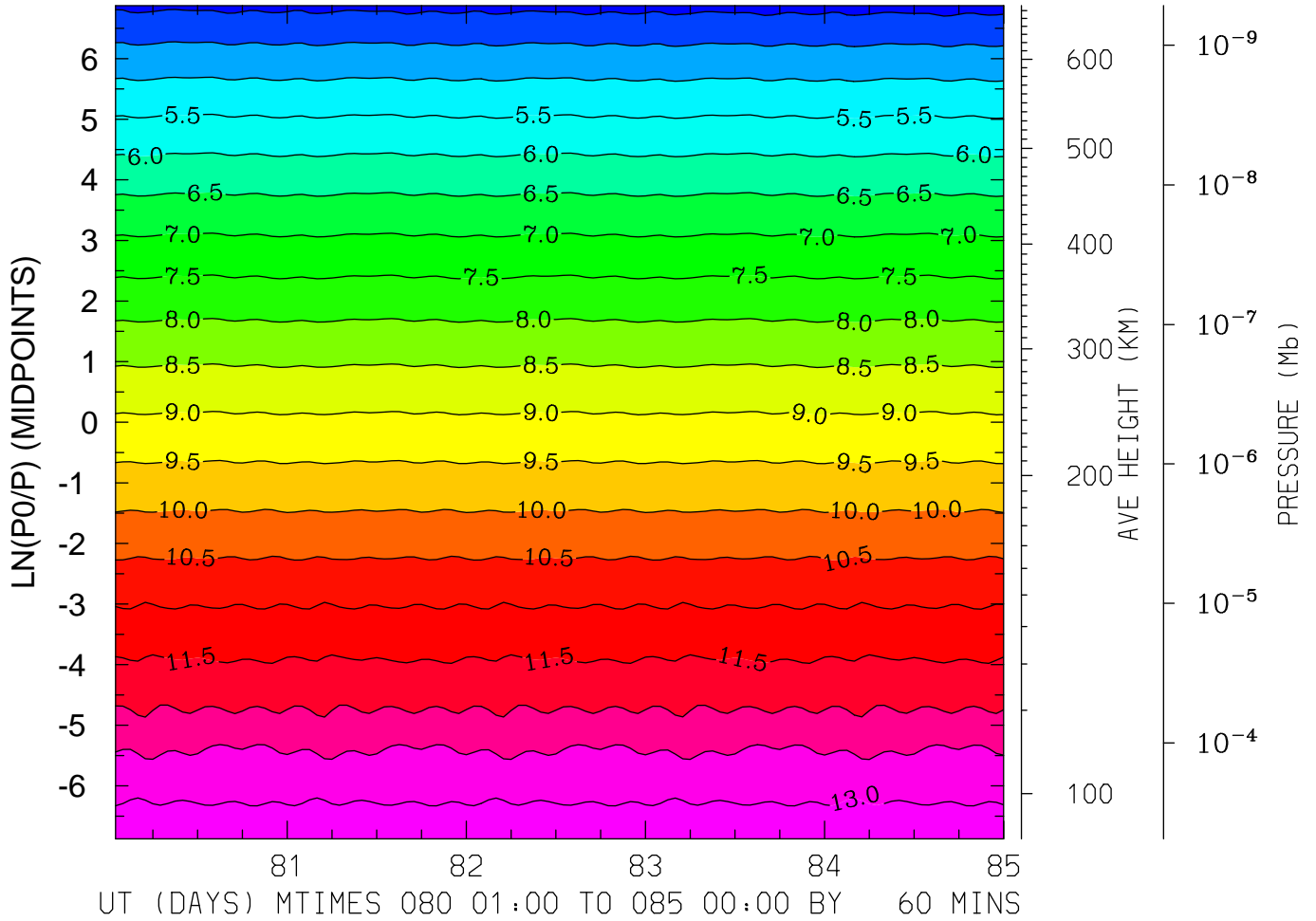
LOG10 MOLECULAR NITROGEN (CM3)  
LAT=-41.25 (ZONAL MEANS)



MIN,MAX= 3.6830E+00 1.3188E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

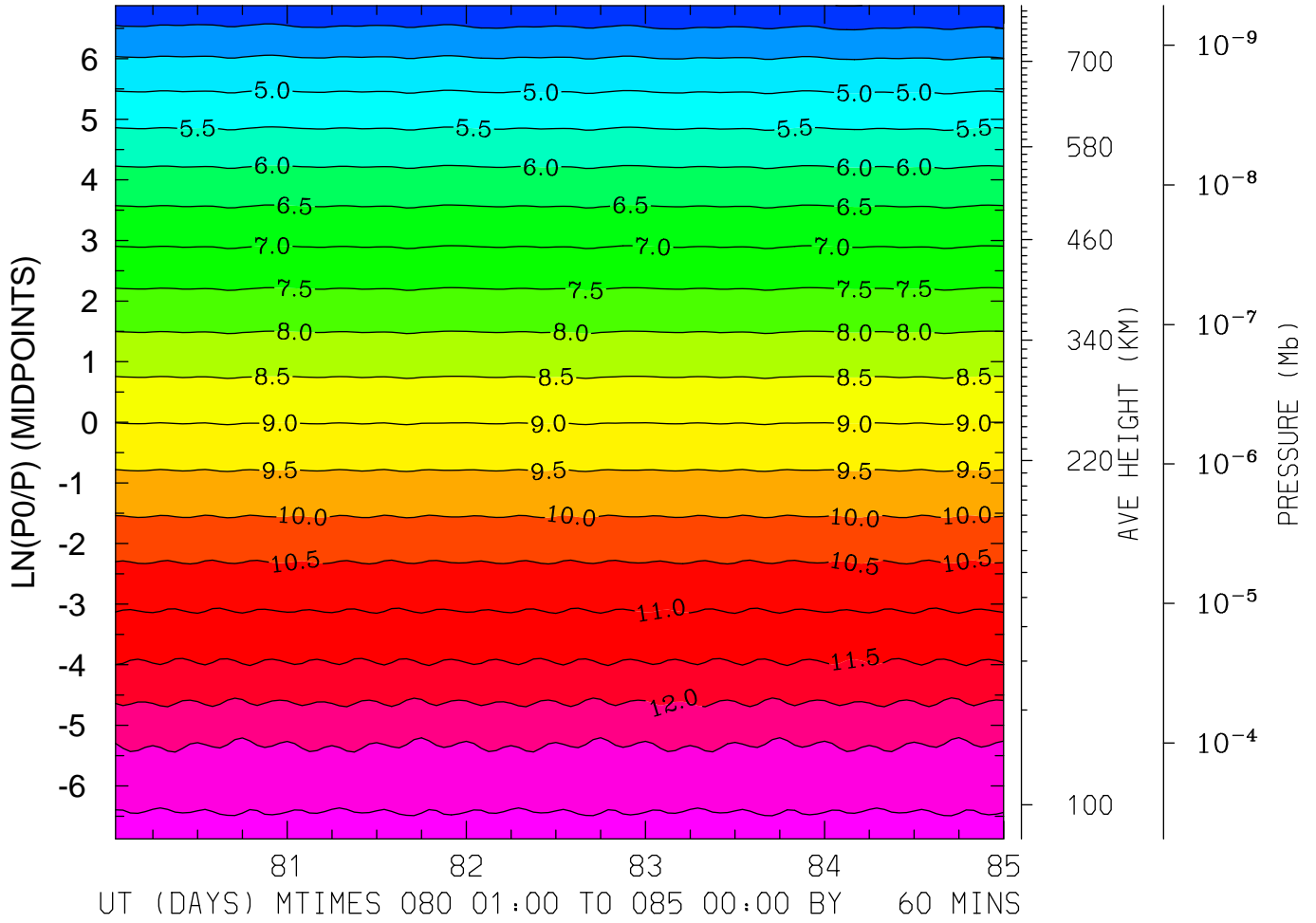


LOG10 MOLECULAR NITROGEN (CM3)  
LAT= -1.25 LOCAL TIME= 0.00



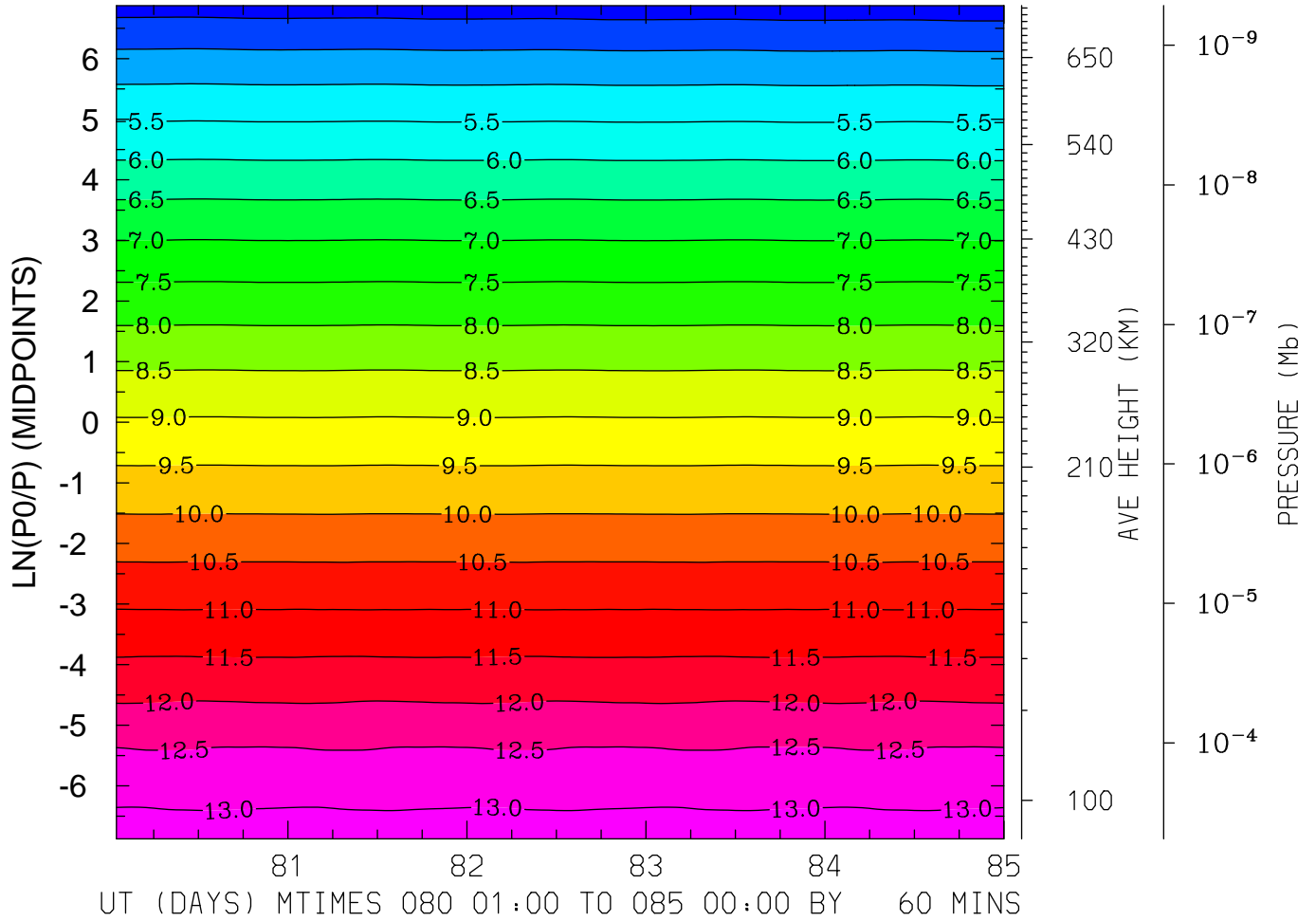
MIN,MAX= 3.8083E+00 1.3324E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
LAT= -1.25 LOCAL TIME=12.00



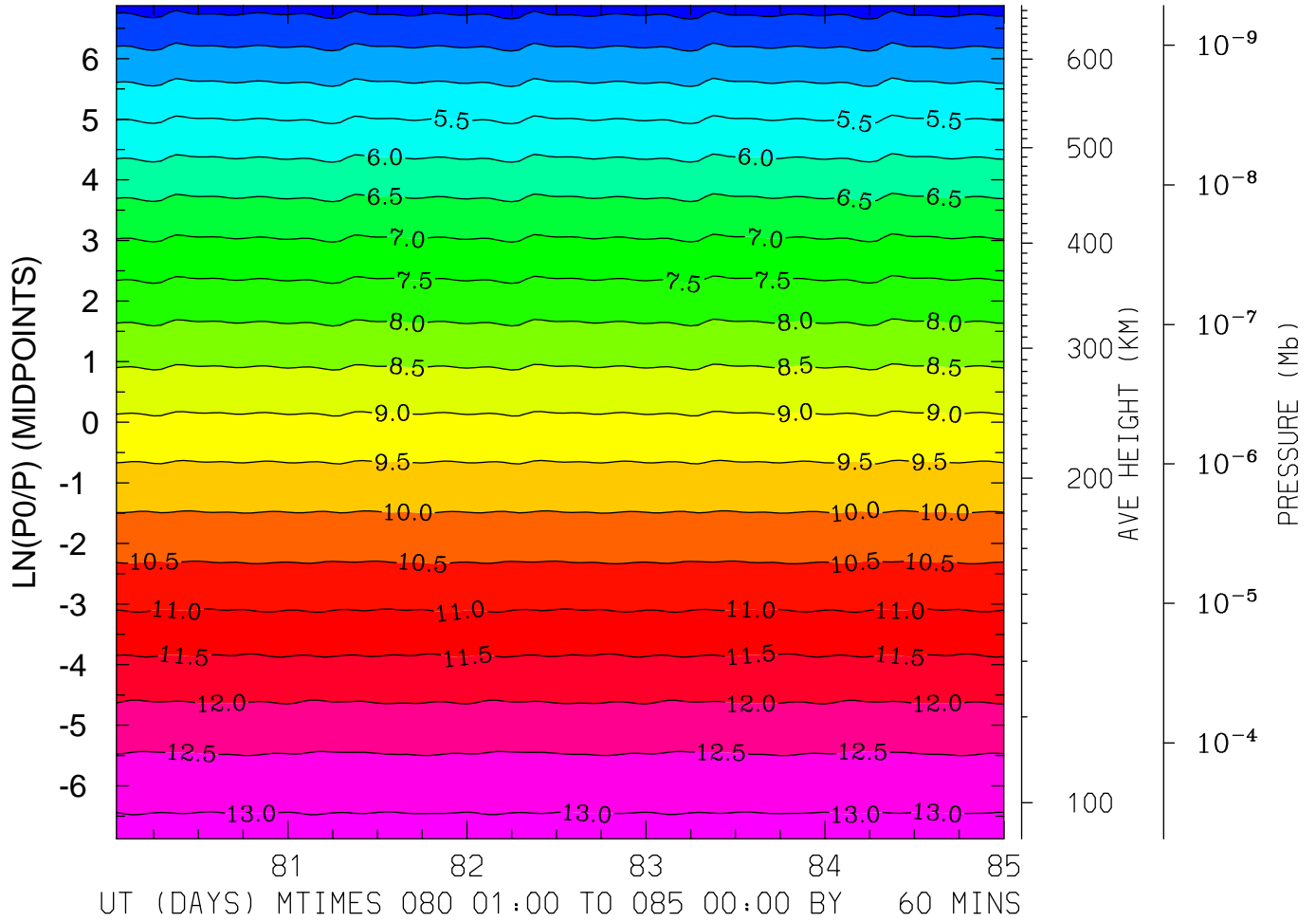
MIN,MAX= 3.4887E+00 1.3193E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
LAT= -1.25 (ZONAL MEANS)



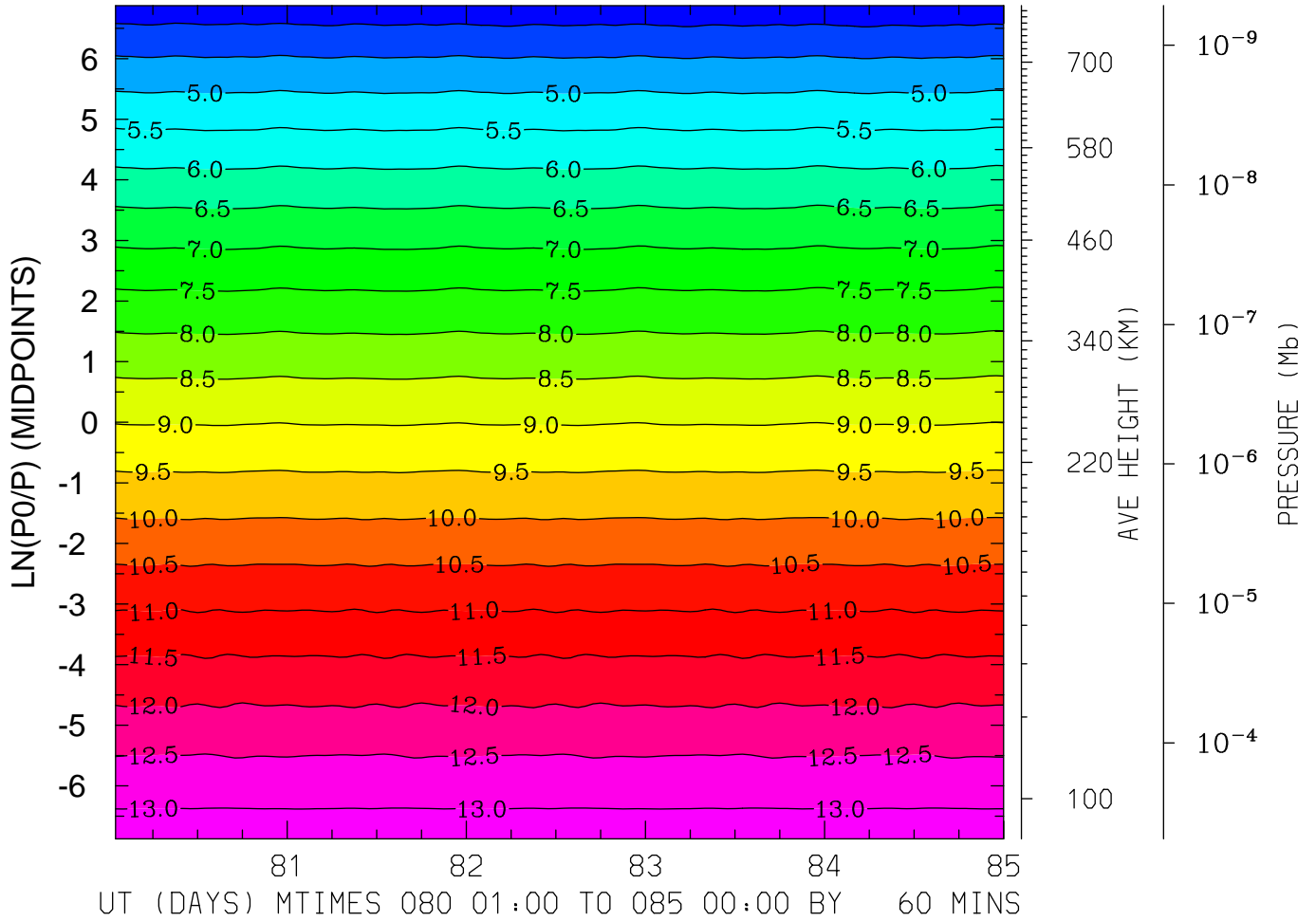
MIN,MAX= 3.7051E+00 1.3203E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
LAT= 38.75 LOCAL TIME= 0.00



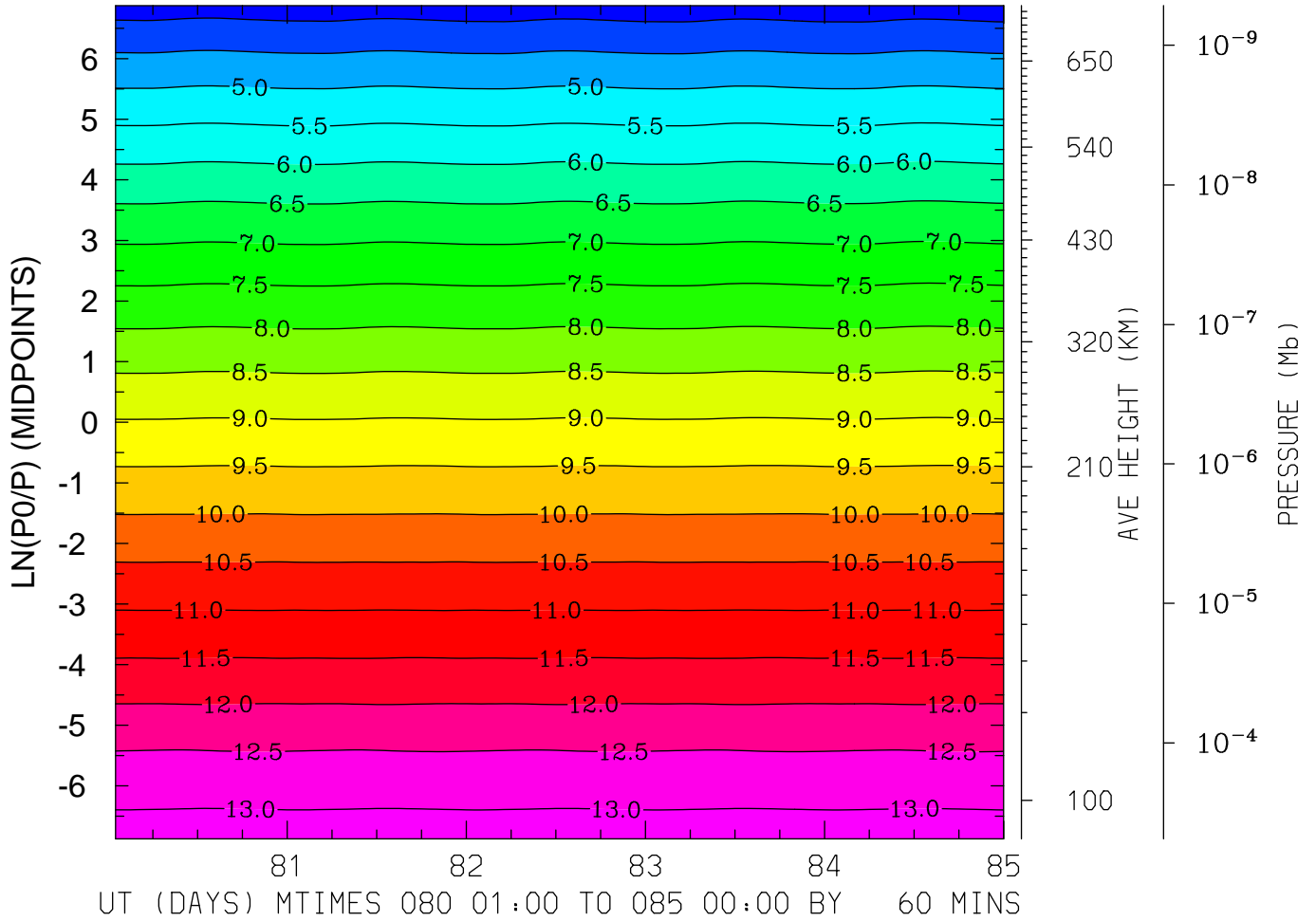
MIN,MAX= 3.7651E+00 1.3160E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
LAT= 38.75 LOCAL TIME=12.00



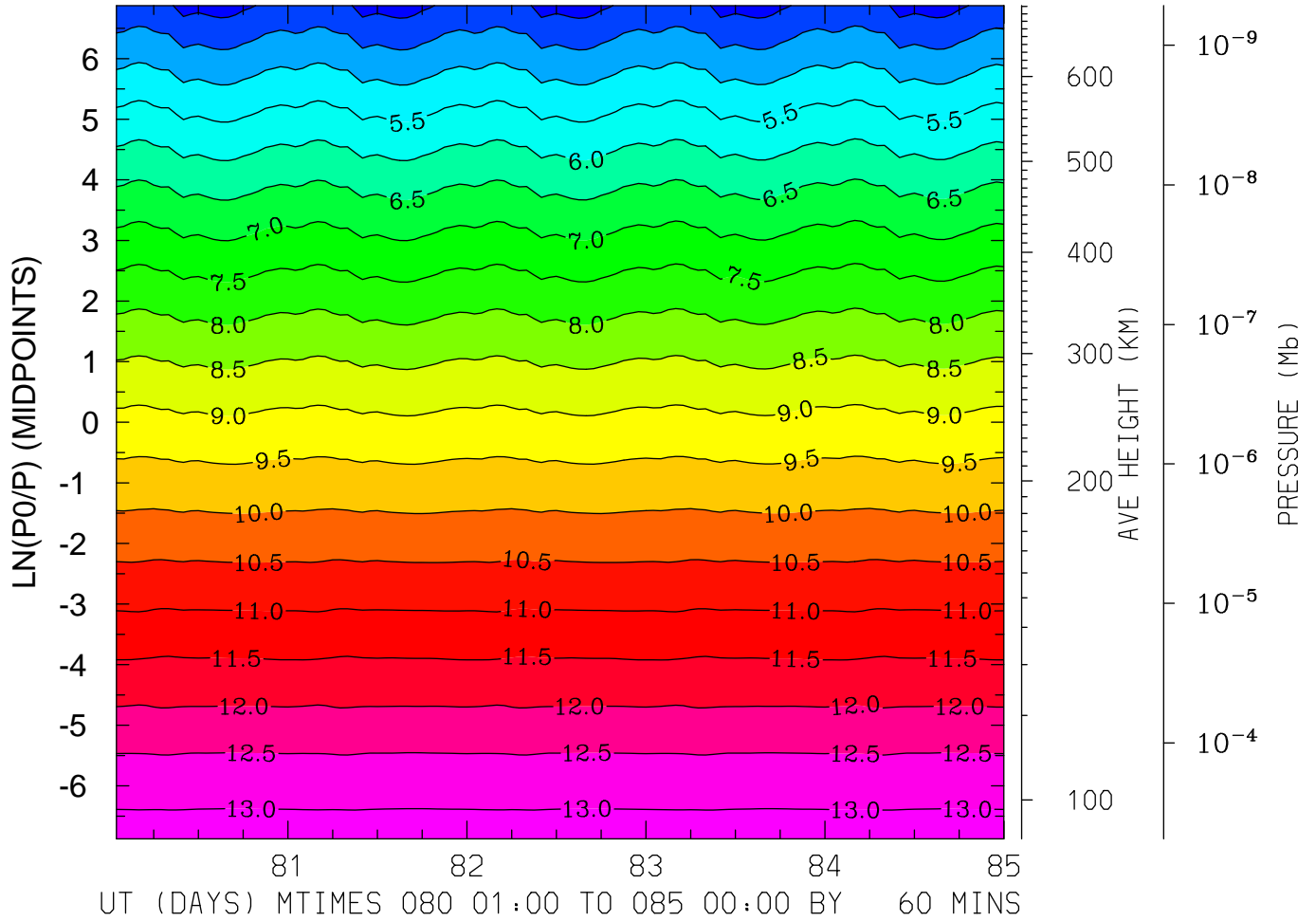
MIN,MAX= 3.6110E+00 1.3199E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
LAT= 38.75 (ZONAL MEANS)



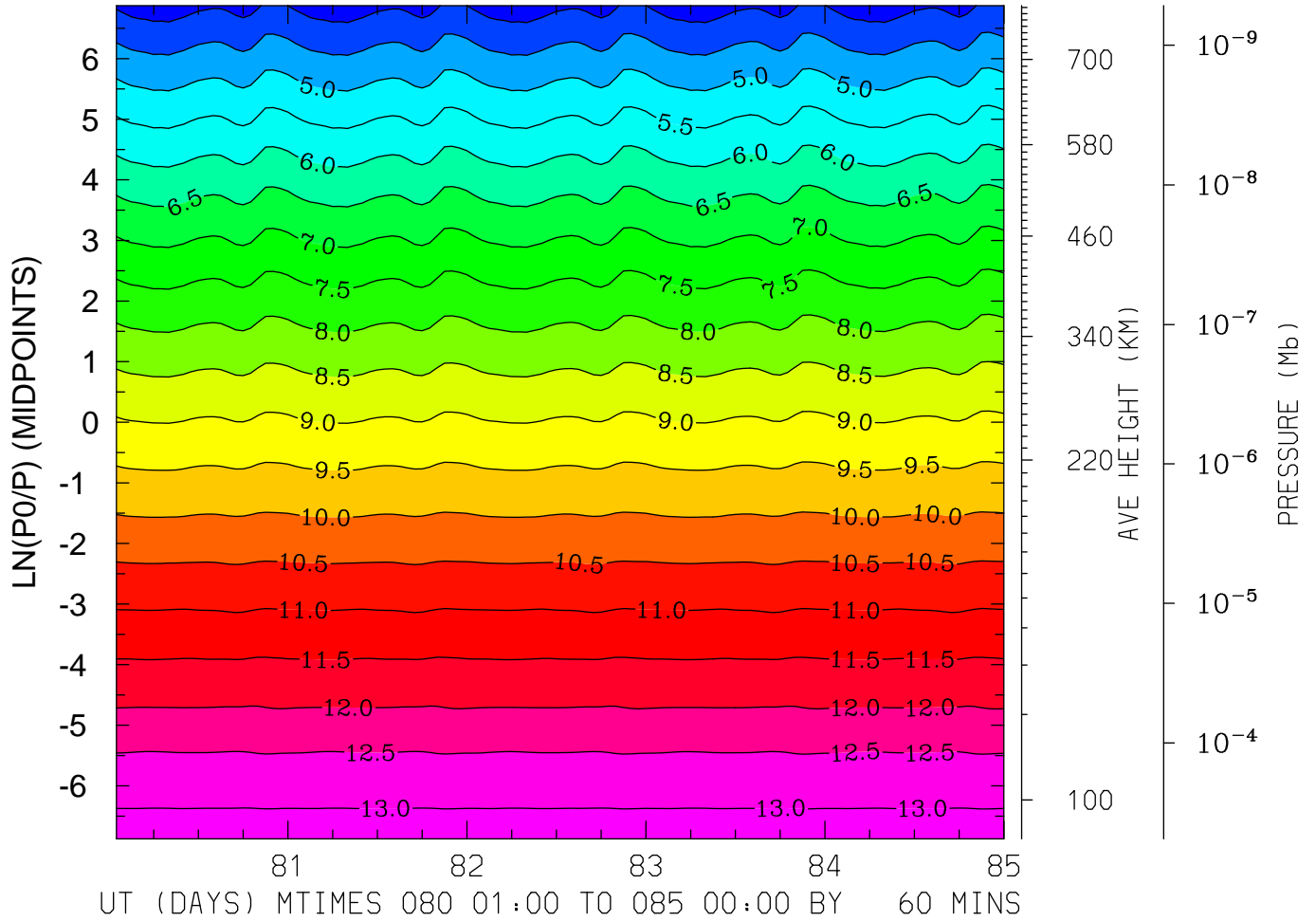
MIN,MAX= 3.7036E+00 1.3190E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
LAT= 58.75 LOCAL TIME= 0.00



MIN,MAX= 3.7758E+00 1.3178E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

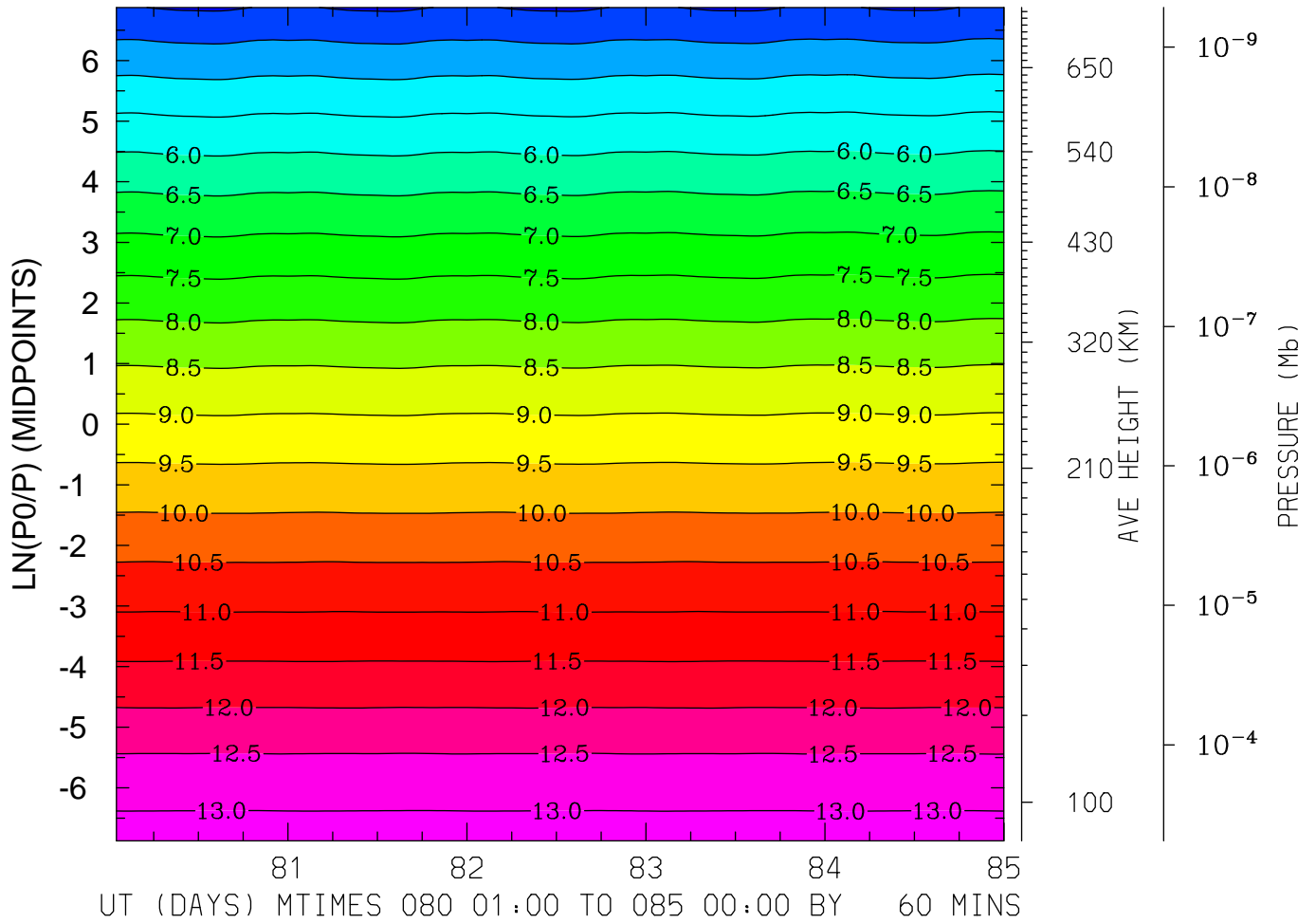
LOG10 MOLECULAR NITROGEN (CM3)  
LAT= 58.75 LOCAL TIME=12.00



MIN,MAX= 3.7071E+00 1.3190E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

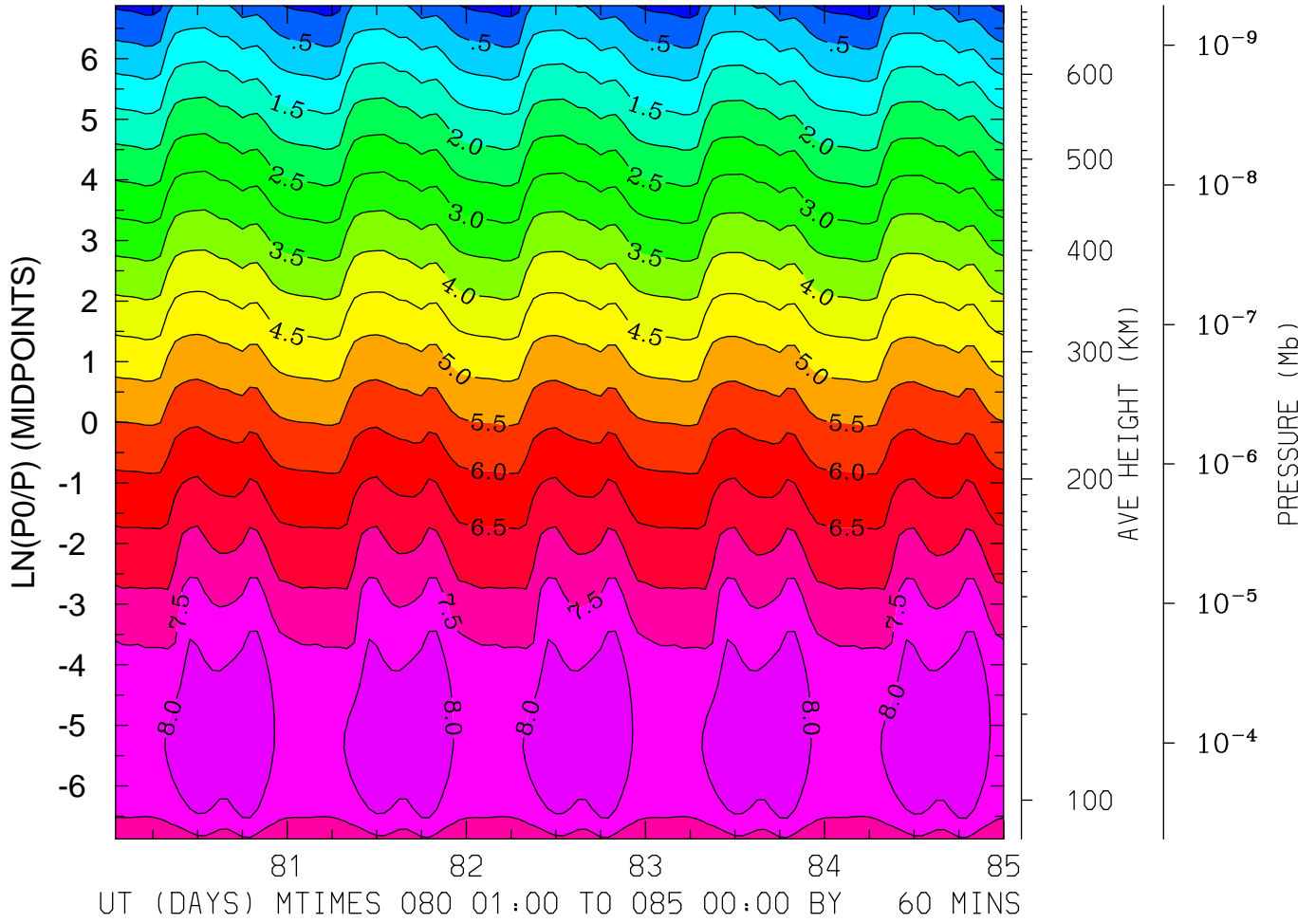


LOG10 MOLECULAR NITROGEN (CM3)  
LAT= 58.75 (ZONAL MEANS)



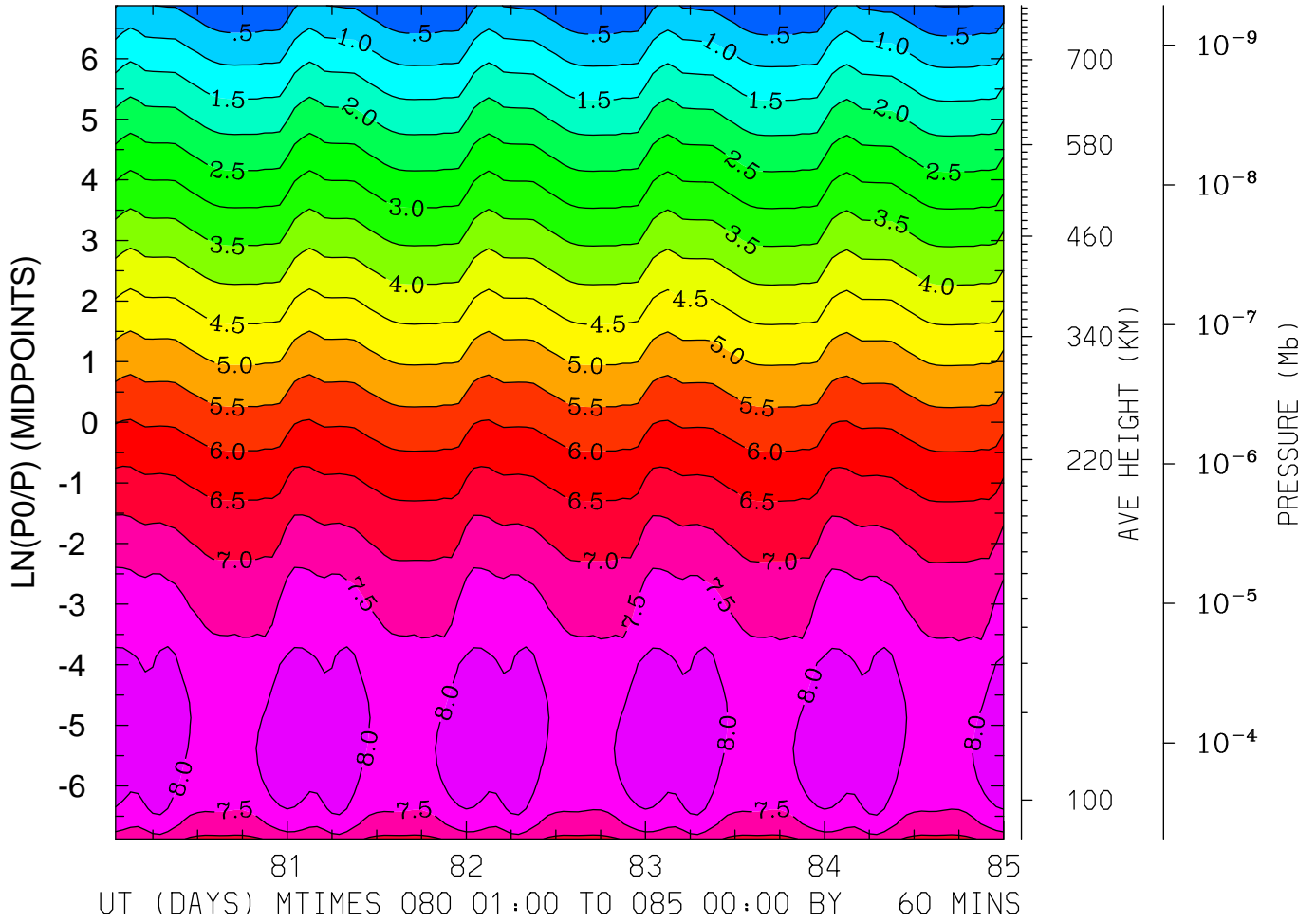
MIN,MAX= 3.9375E+00 1.3184E+01 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
LAT=-61.25 LOCAL TIME= 0.00



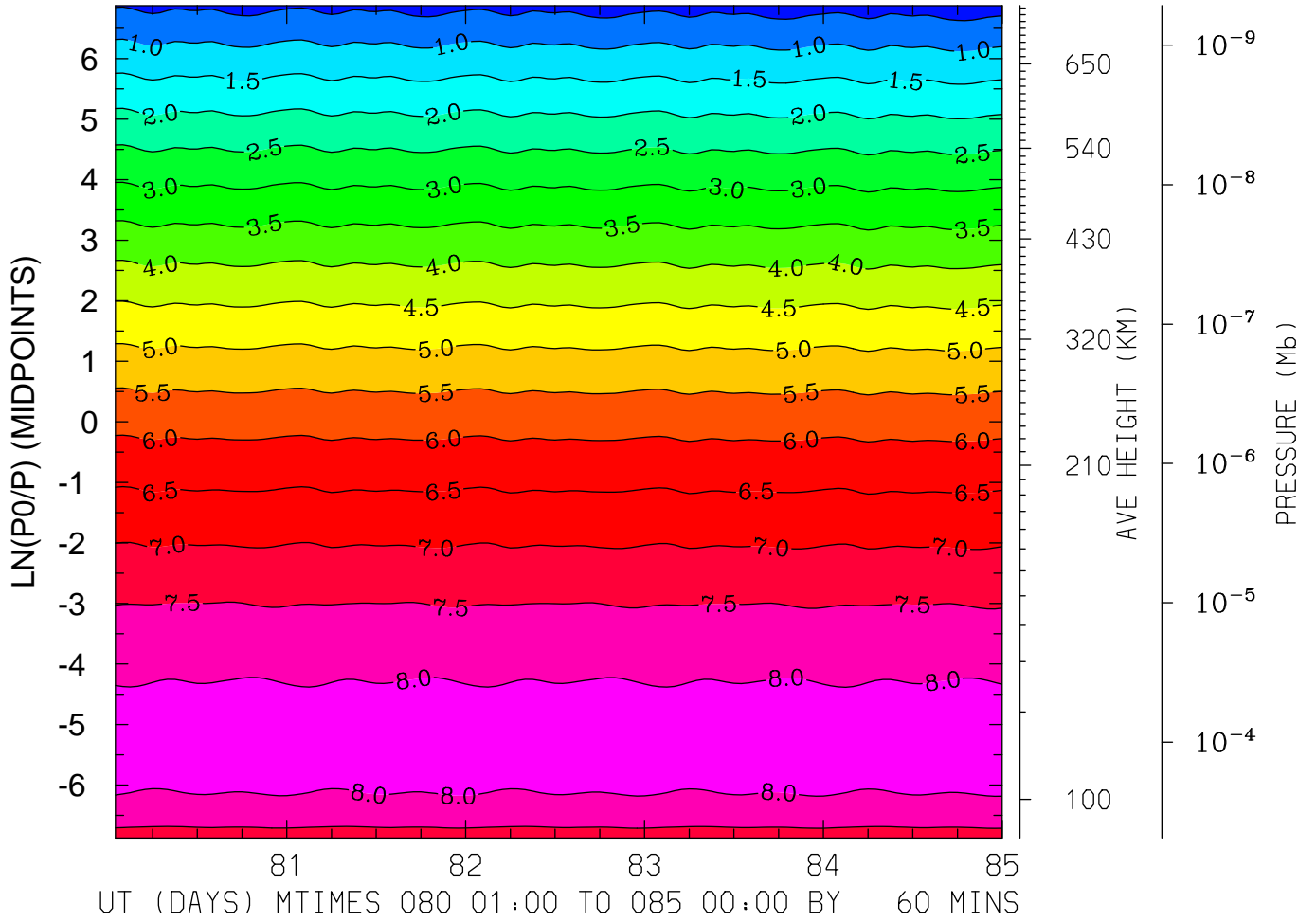
MIN,MAX= -2.4273E-01 8.4595E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
LAT=-61.25 LOCAL TIME=12.00



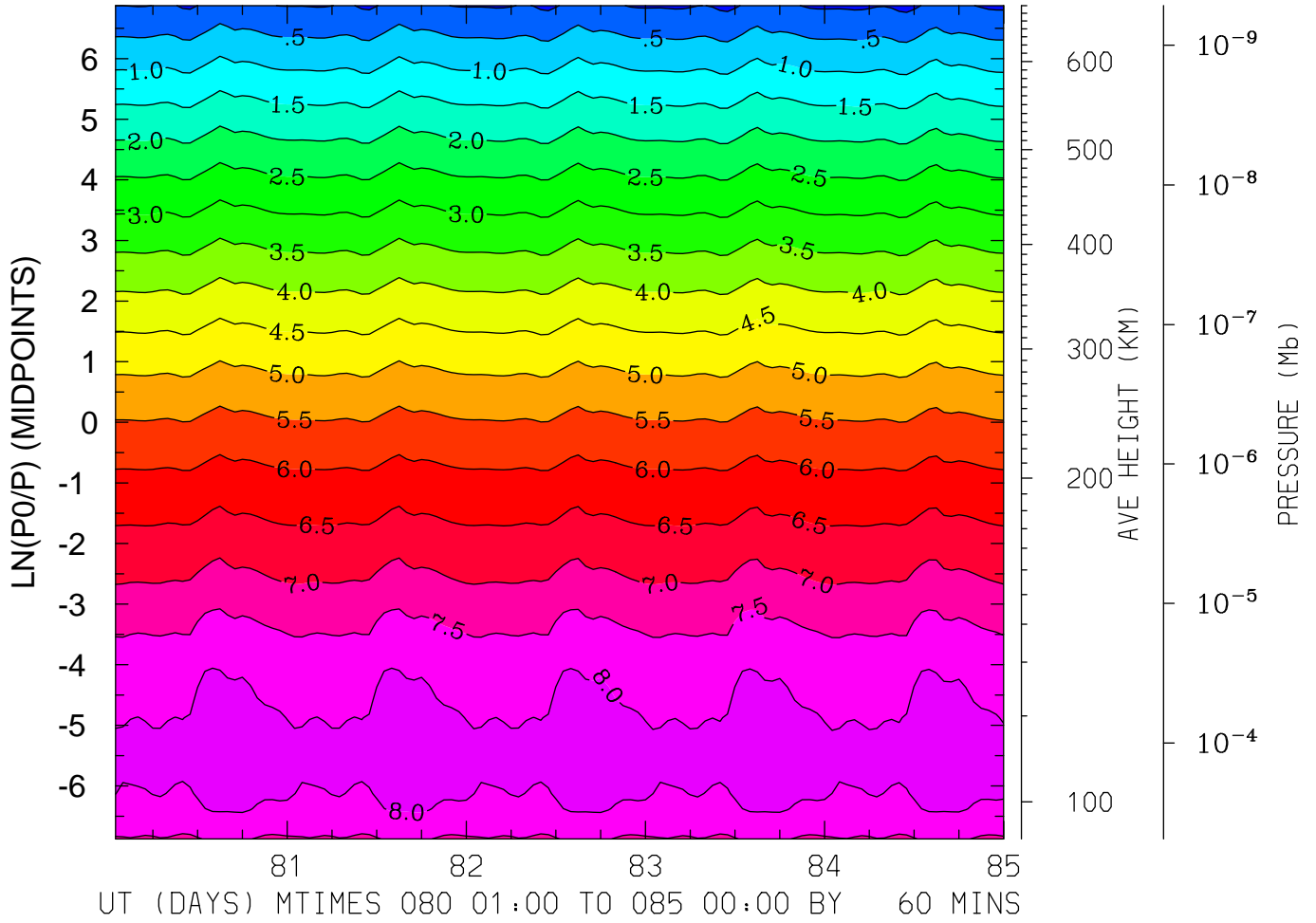
MIN,MAX= -2.0571E-02 8.4852E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
LAT=-61.25 (ZONAL MEANS)



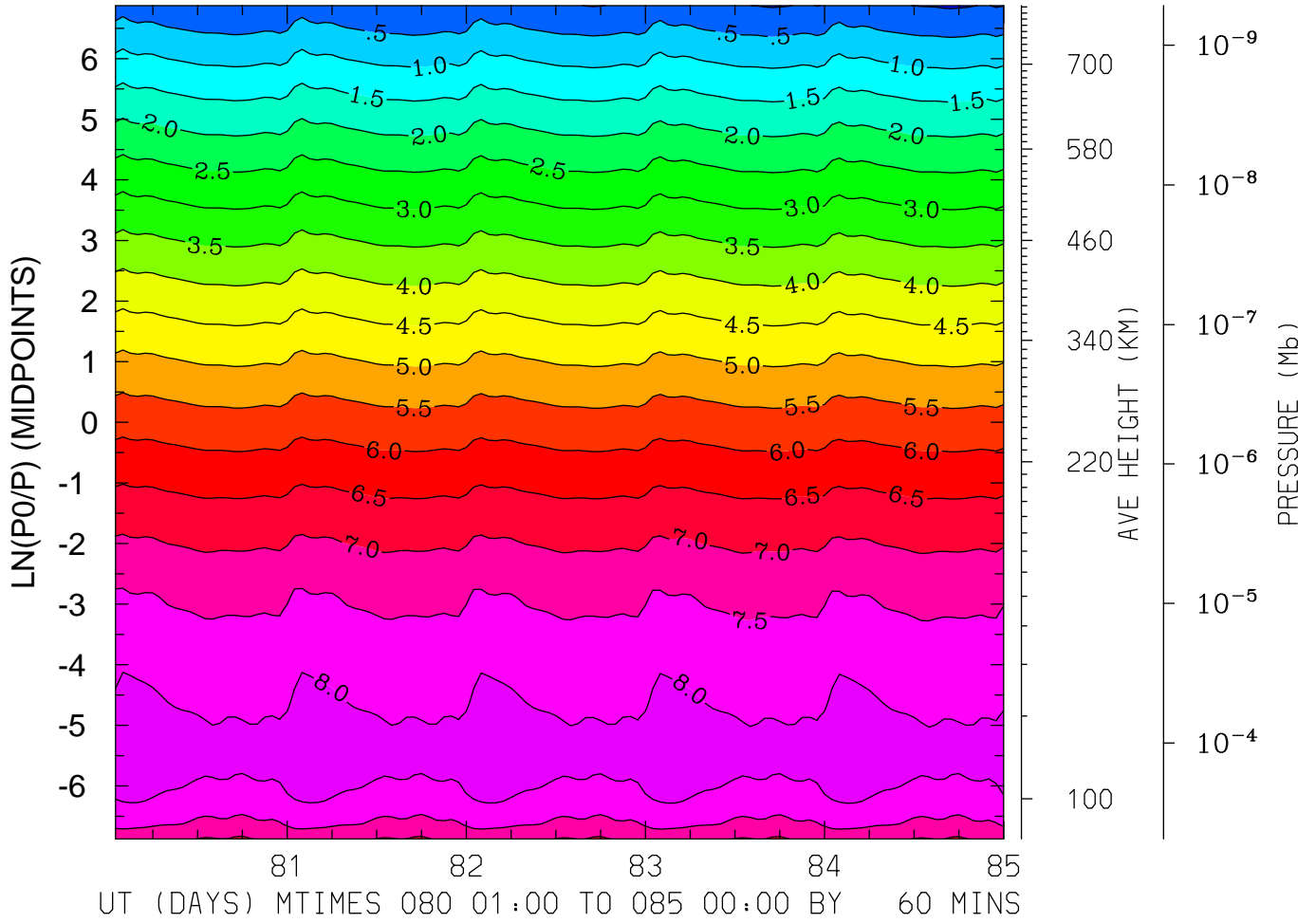
MIN,MAX= 2.3938E-01 8.2202E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
LAT=-41.25 LOCAL TIME= 0.00



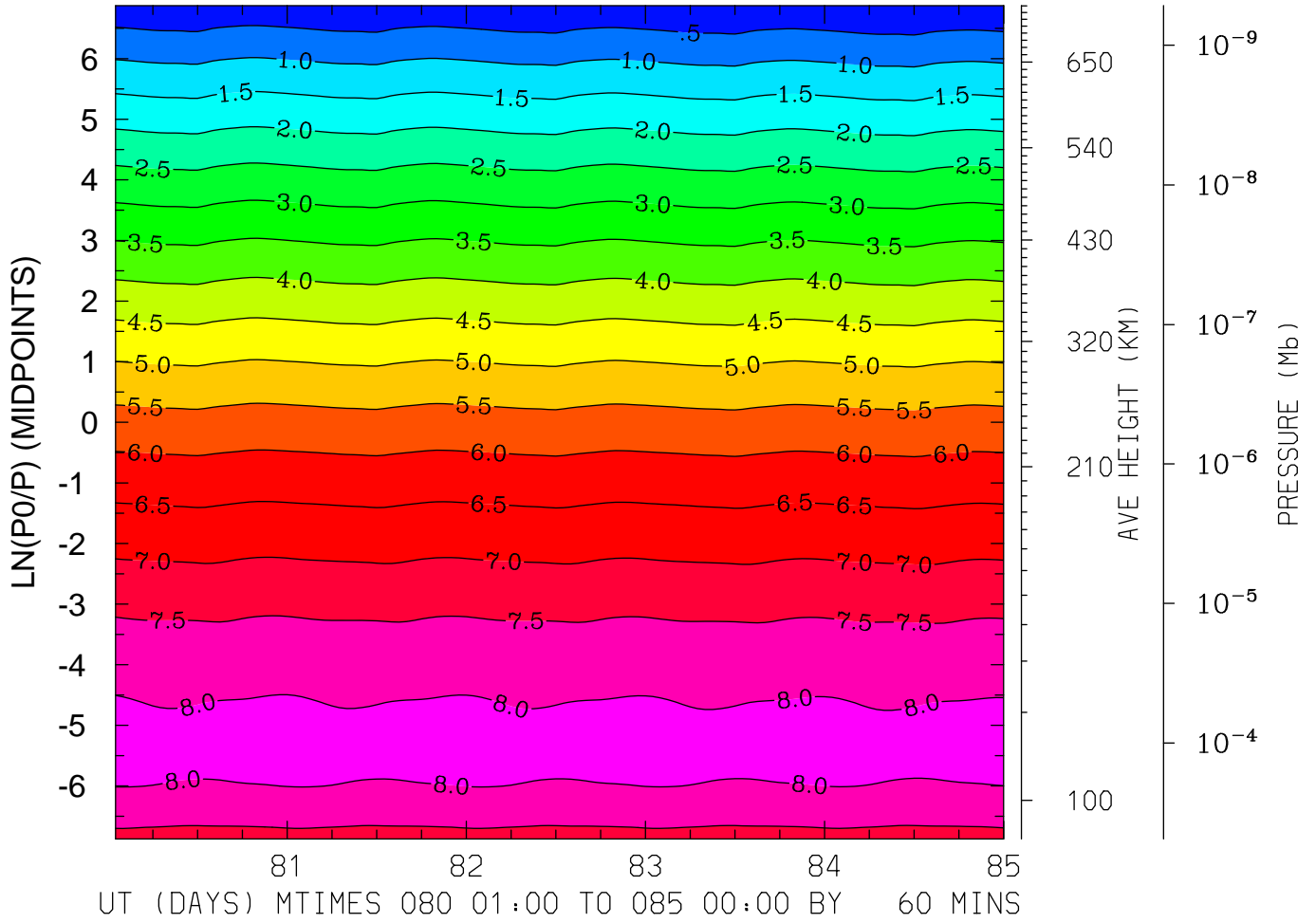
MIN,MAX= -1.1830E-01 8.2465E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
LAT=-41.25 LOCAL TIME=12.00



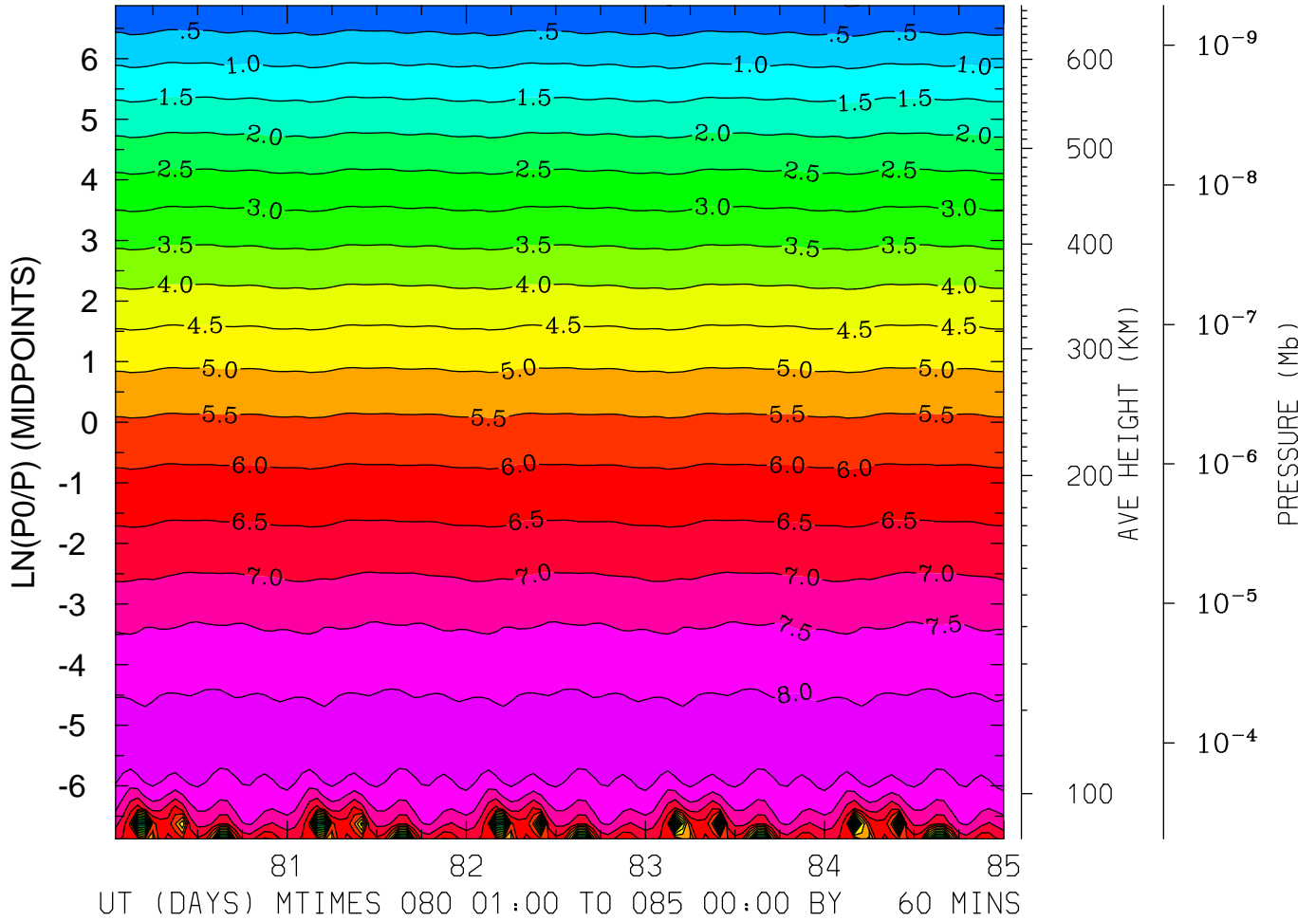
MIN,MAX= -5.3043E-02 8.3752E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
LAT=-41.25 (ZONAL MEANS)



MIN,MAX= 3.9609E-03 8.1307E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

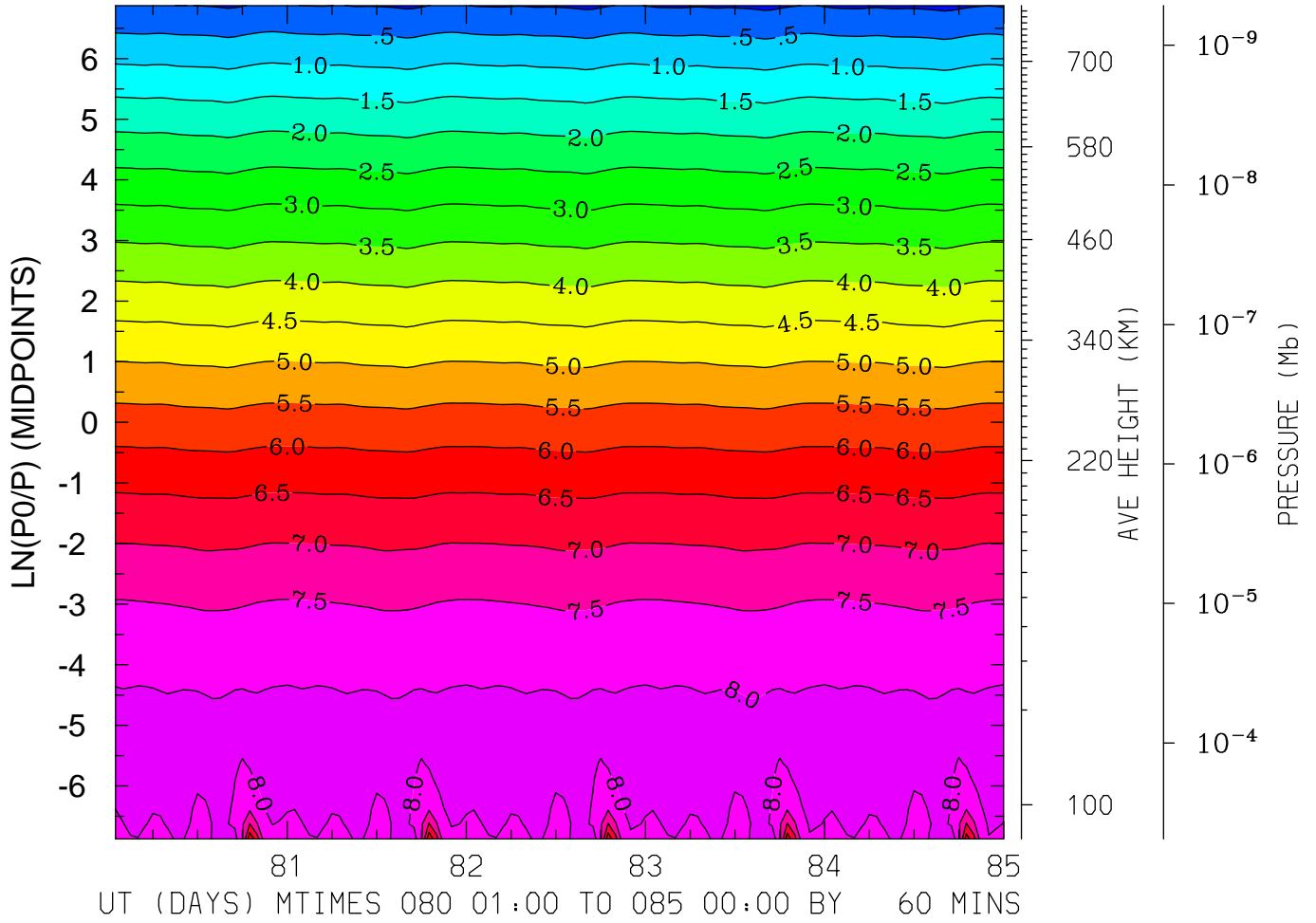
LOG10 NITRIC OXIDE (CM3)  
LAT= -1.25 LOCAL TIME= 0.00



MIN,MAX= -1.1340E-02 8.2877E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

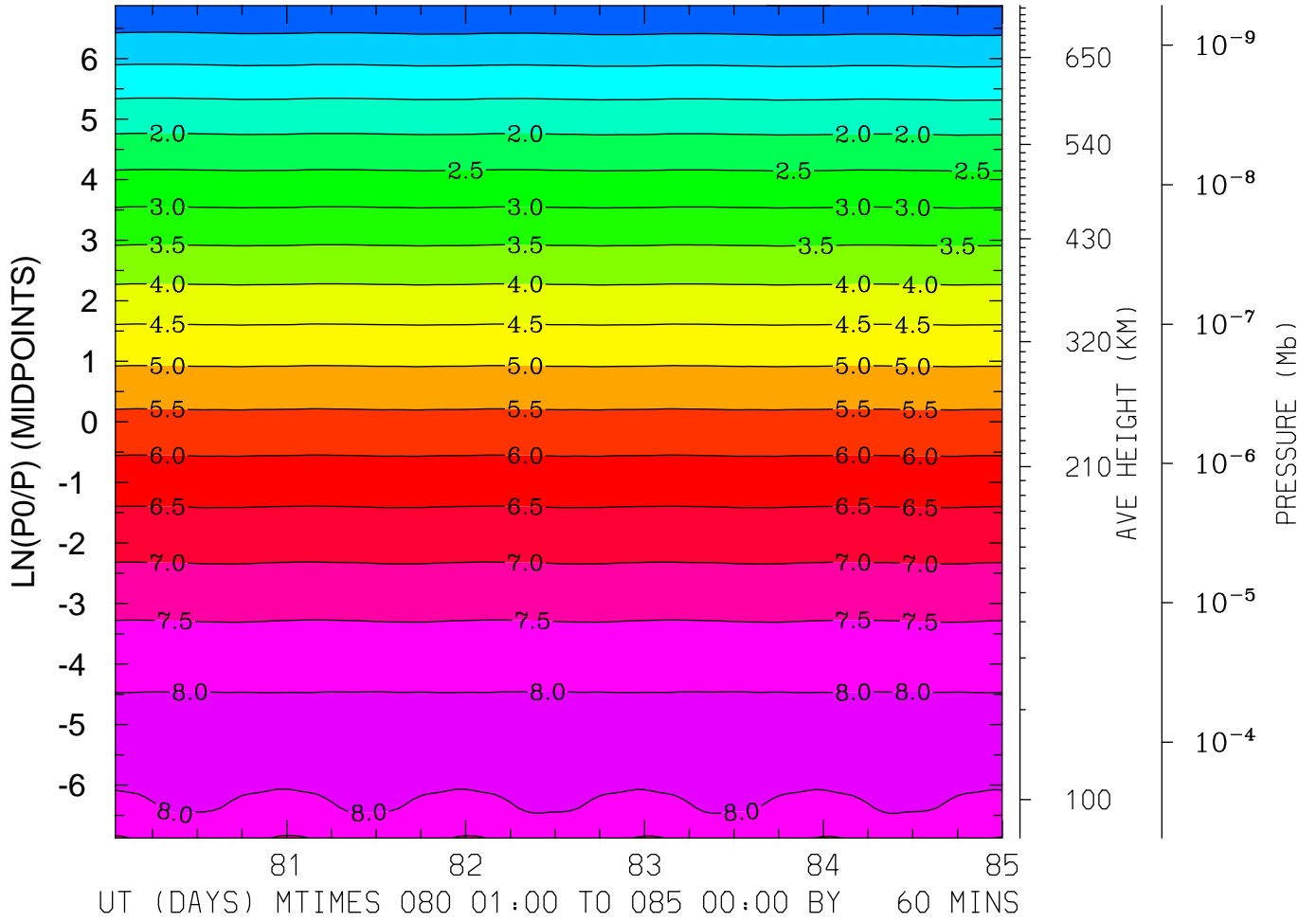


LOG10 NITRIC OXIDE (CM3)  
LAT= -1.25 LOCAL TIME=12.00



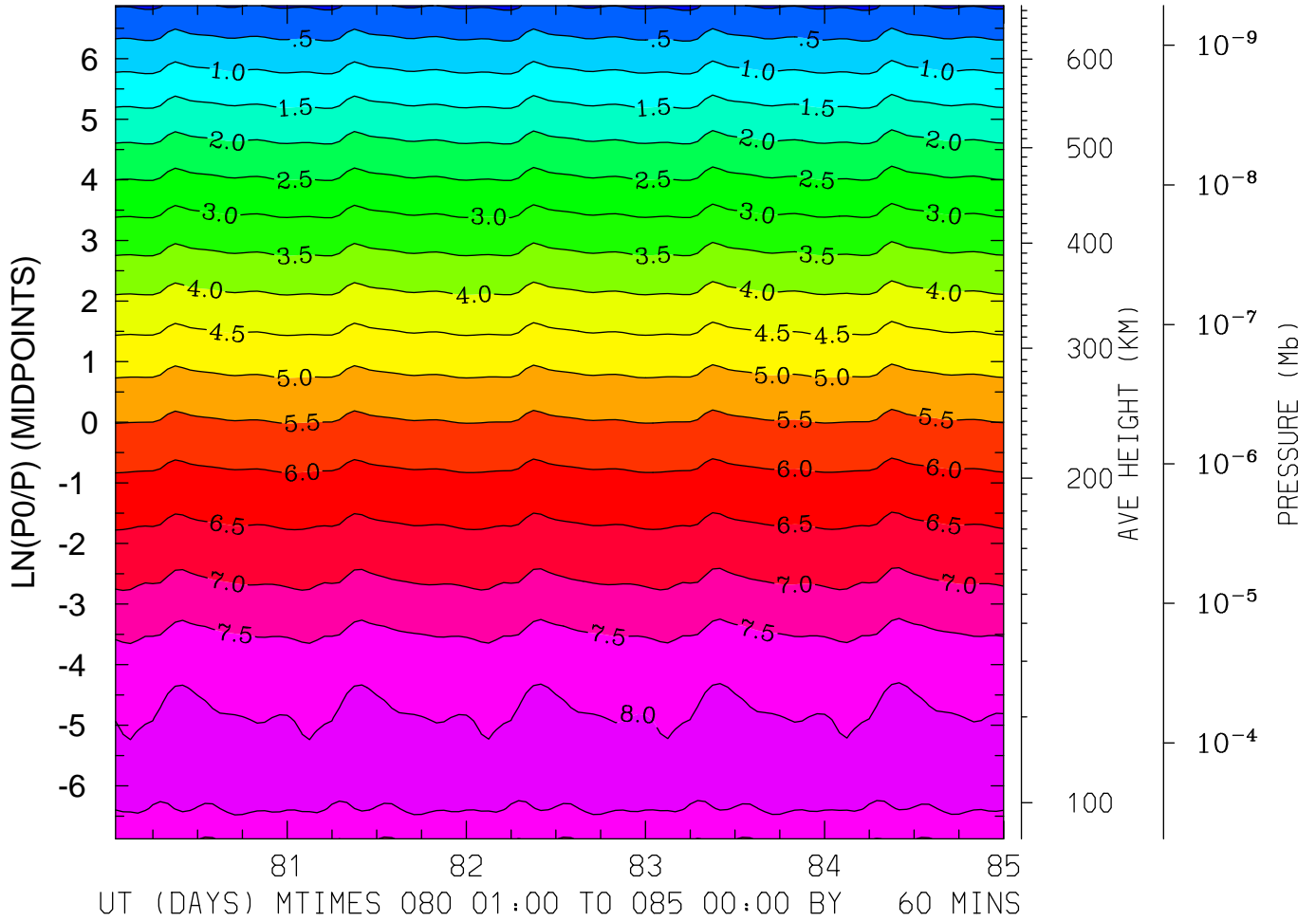
MIN,MAX= -9.8679E-02 8.4290E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
LAT= -1.25 (ZONAL MEANS)



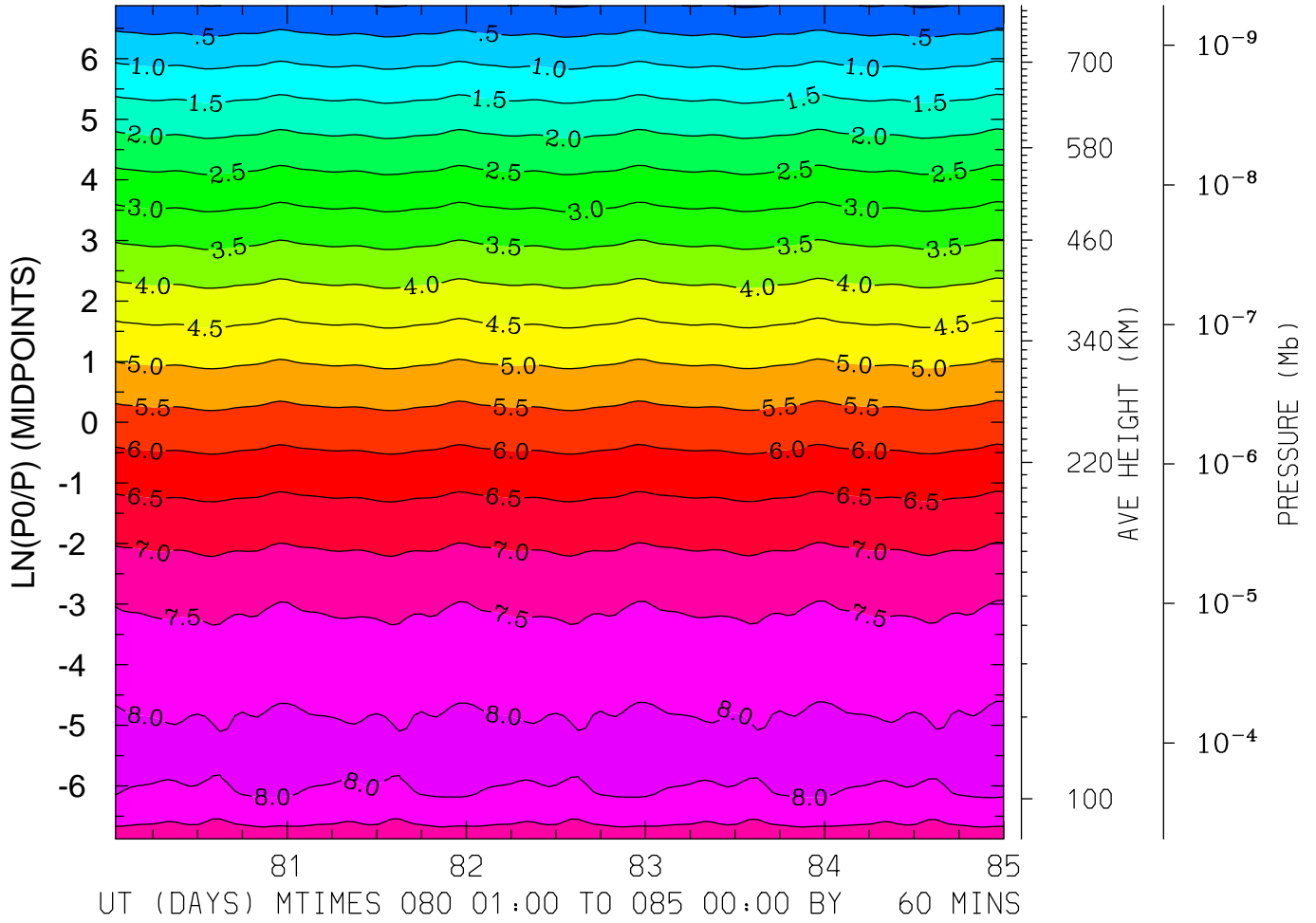
MIN,MAX= -1.6432E-02 8.2050E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
LAT= 38.75 LOCAL TIME= 0.00



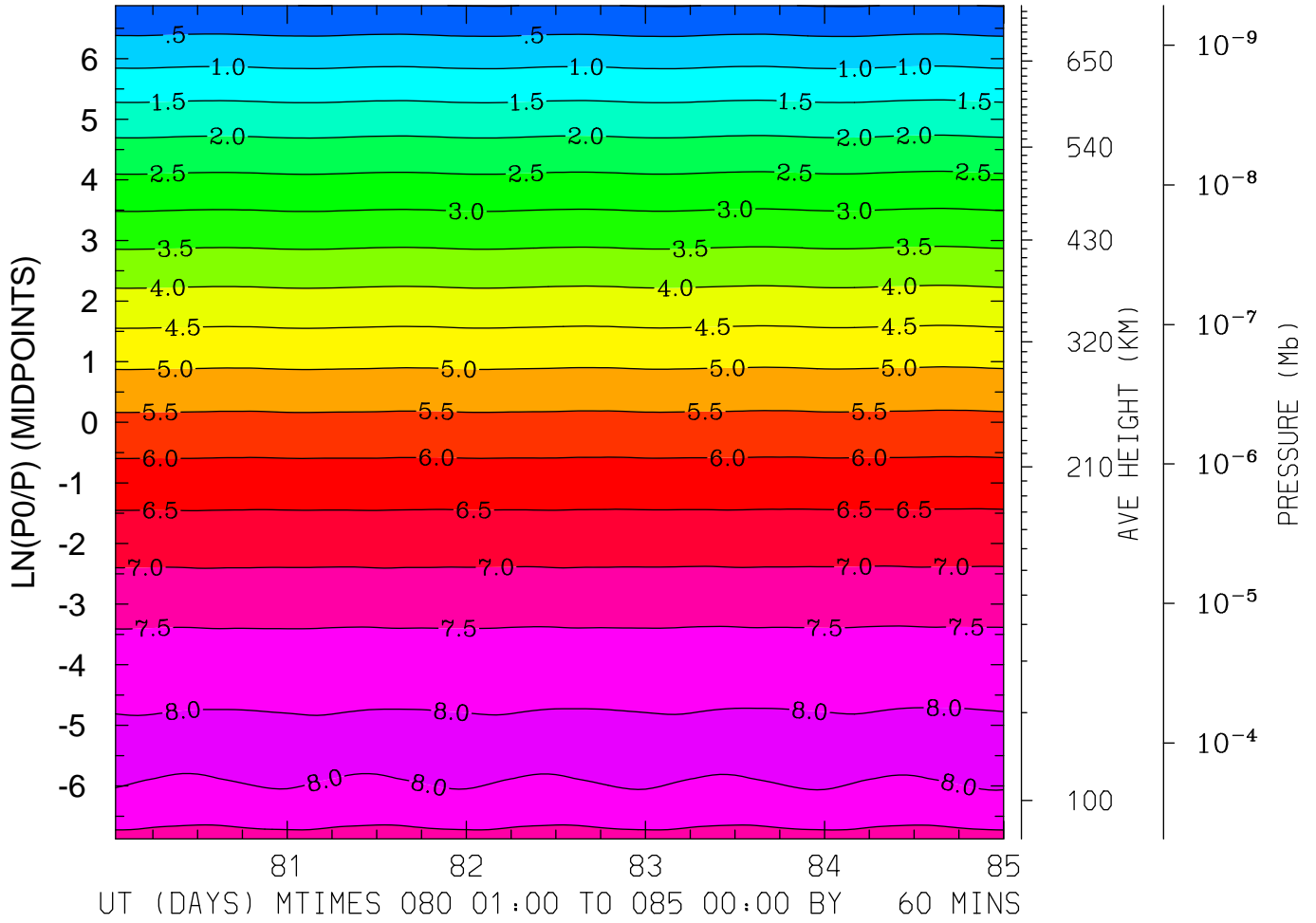
MIN,MAX= -7.9203E-02 8.1430E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
LAT= 38.75 LOCAL TIME=12.00



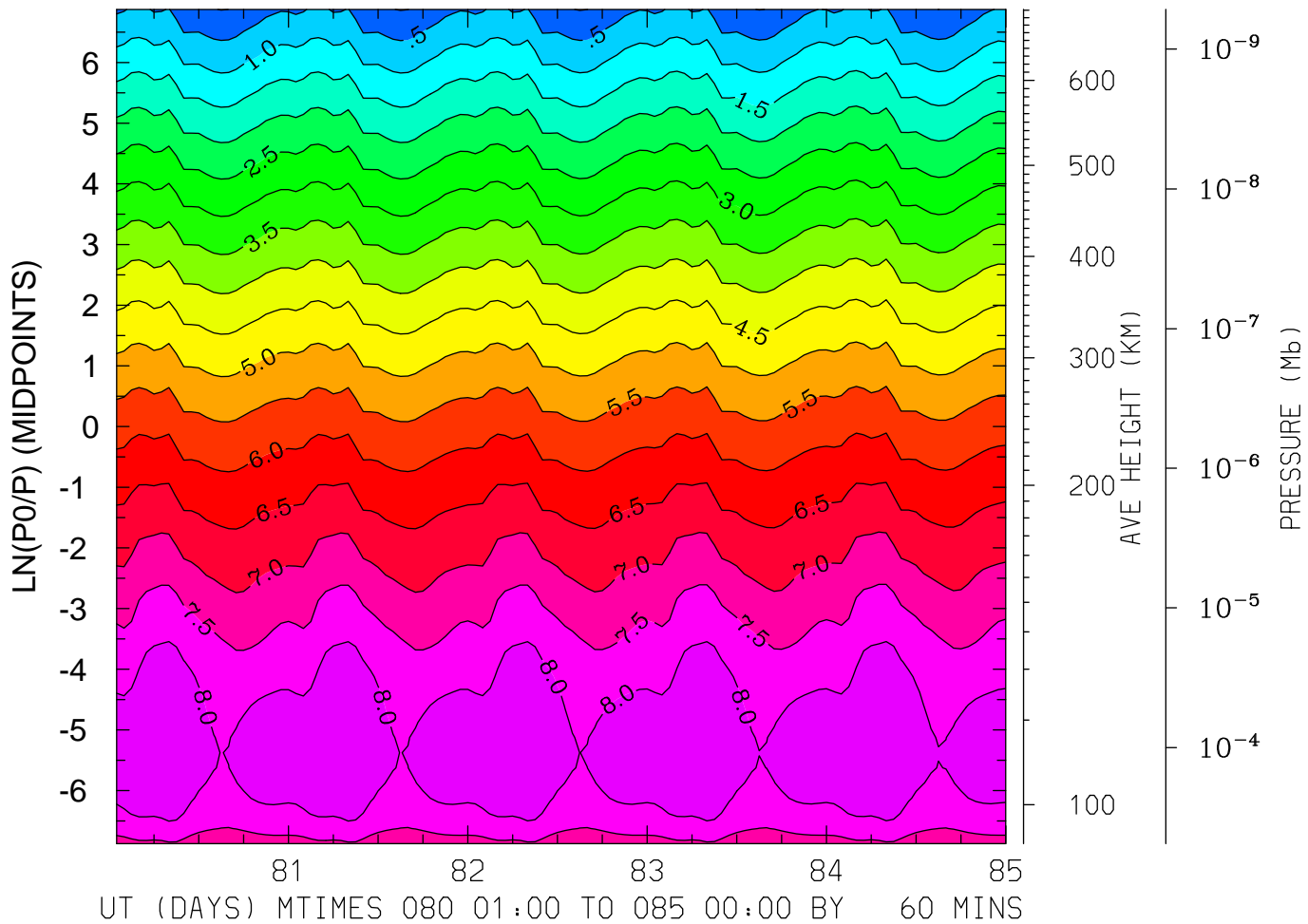
MIN,MAX= -3.4761E-02 8.2071E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
LAT= 38.75 (ZONAL MEANS)



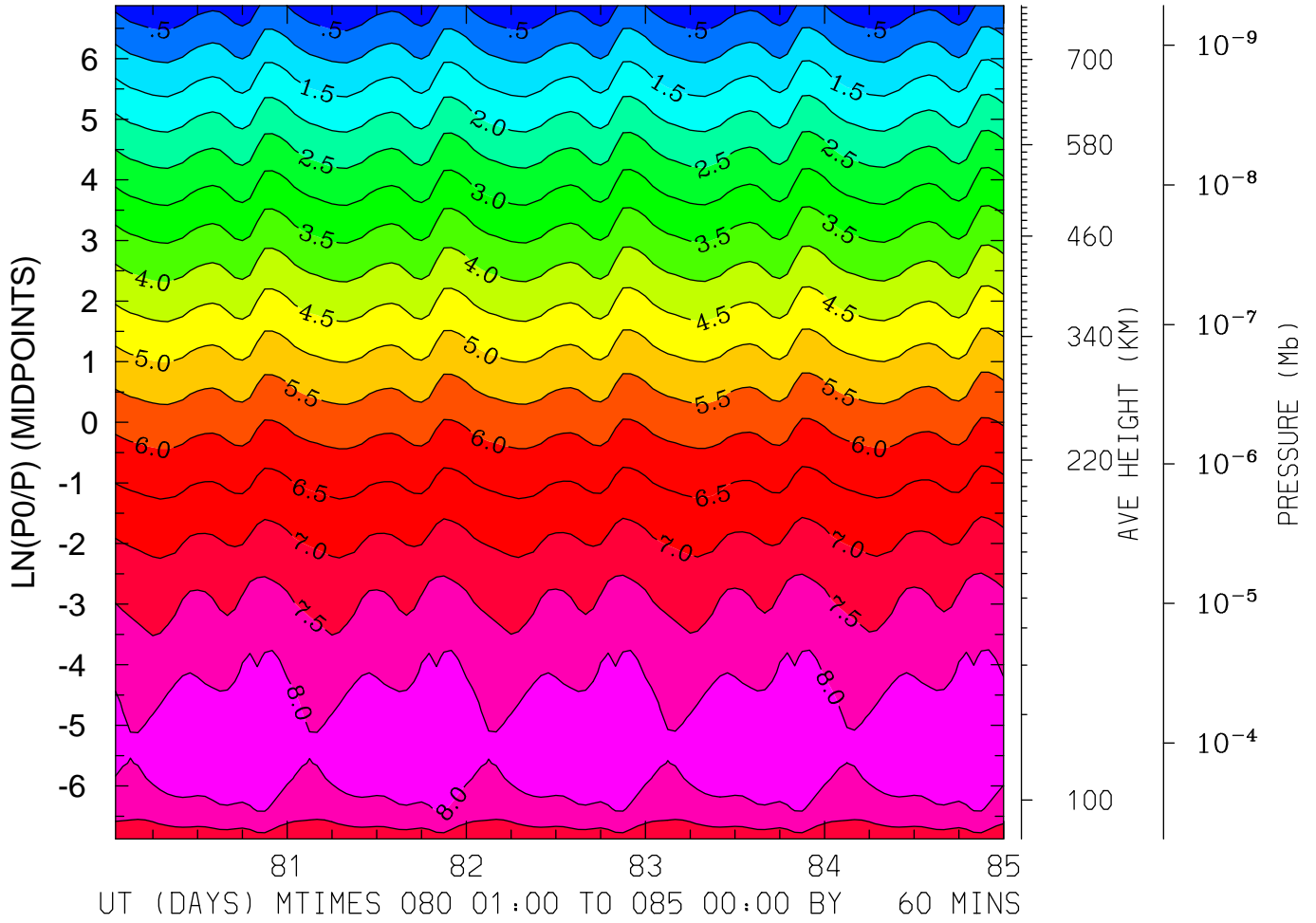
MIN,MAX= -1.4776E-02 8.1005E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
LAT= 58.75 LOCAL TIME= 0.00



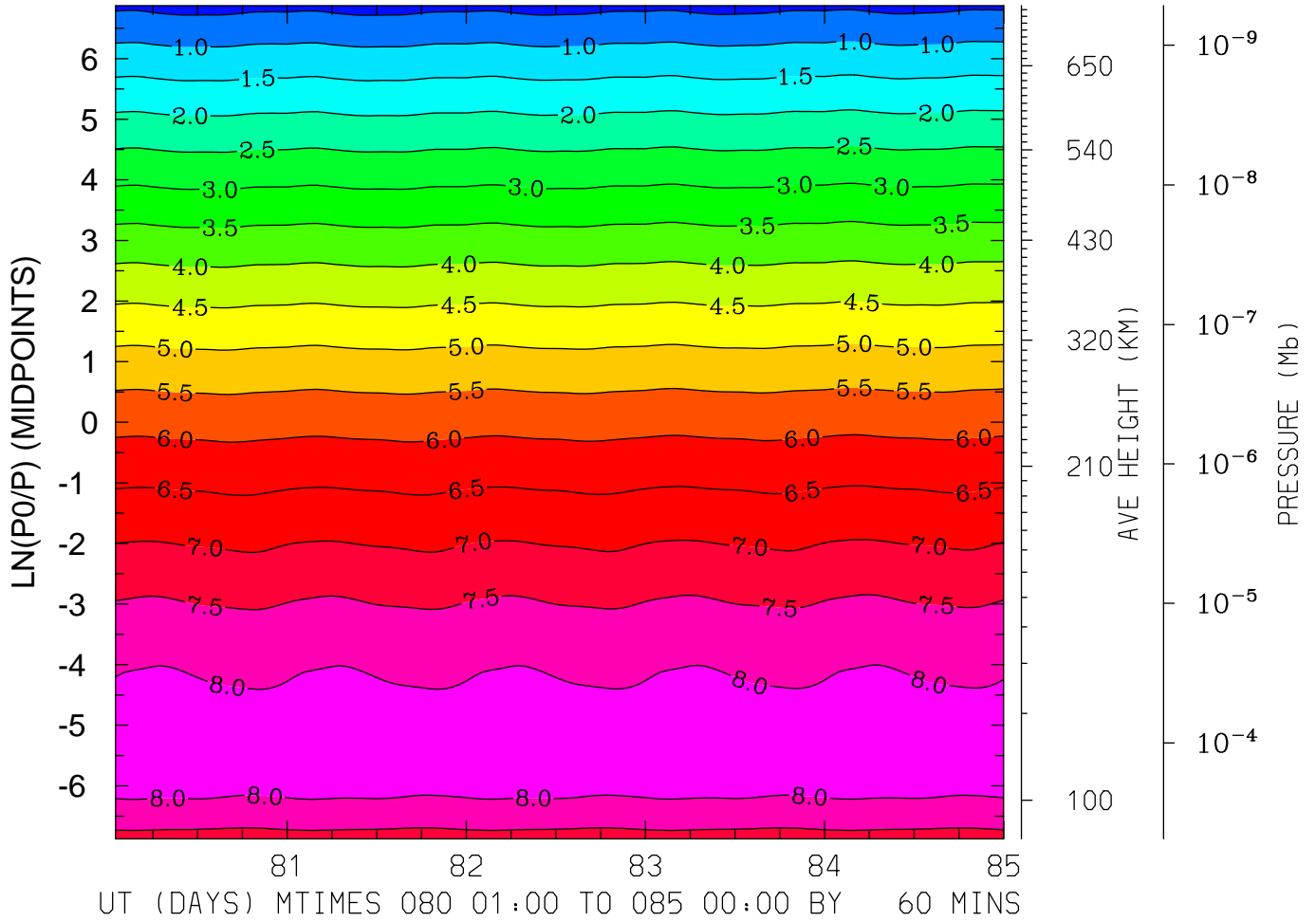
MIN,MAX= -1.6265E-02 8.4622E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
LAT= 58.75 LOCAL TIME=12.00



MIN,MAX= 8.1418E-02 8.4558E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

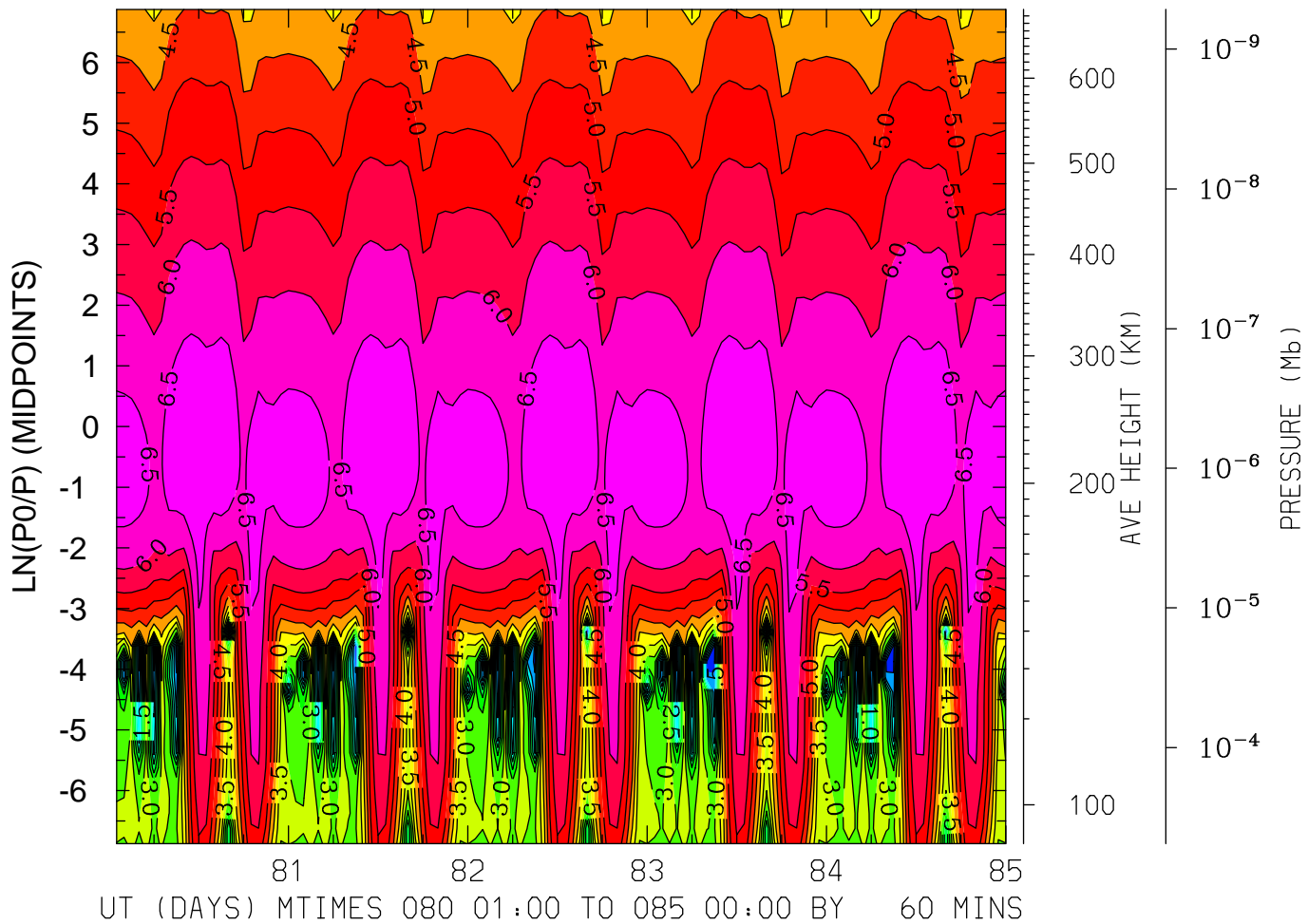
LOG10 NITRIC OXIDE (CM3)  
LAT= 58.75 (ZONAL MEANS)



MIN,MAX= 3.4194E-01 8.2540E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

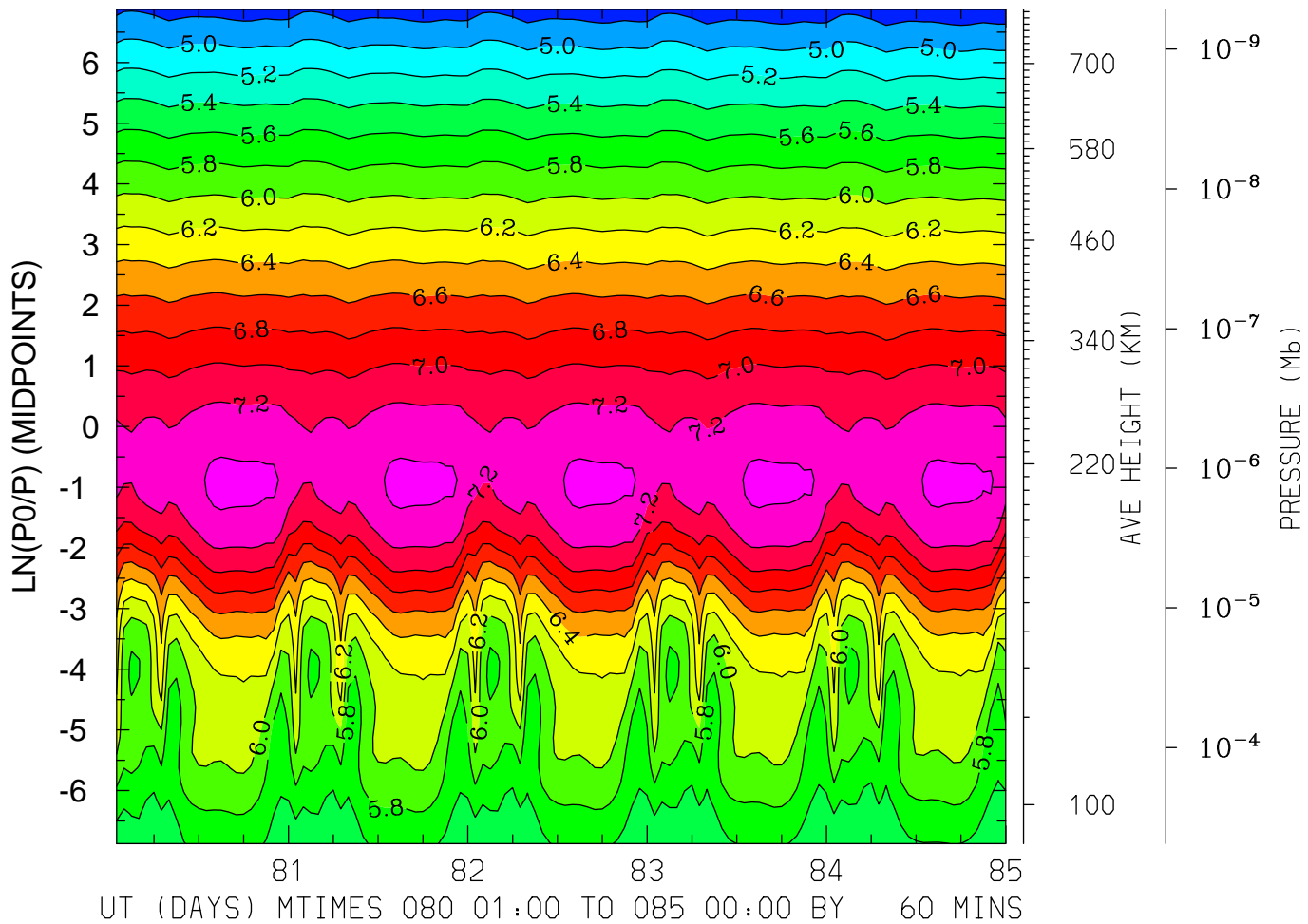


LOG10 N4S (CM3)  
LAT=-61.25 LOCAL TIME= 0.00



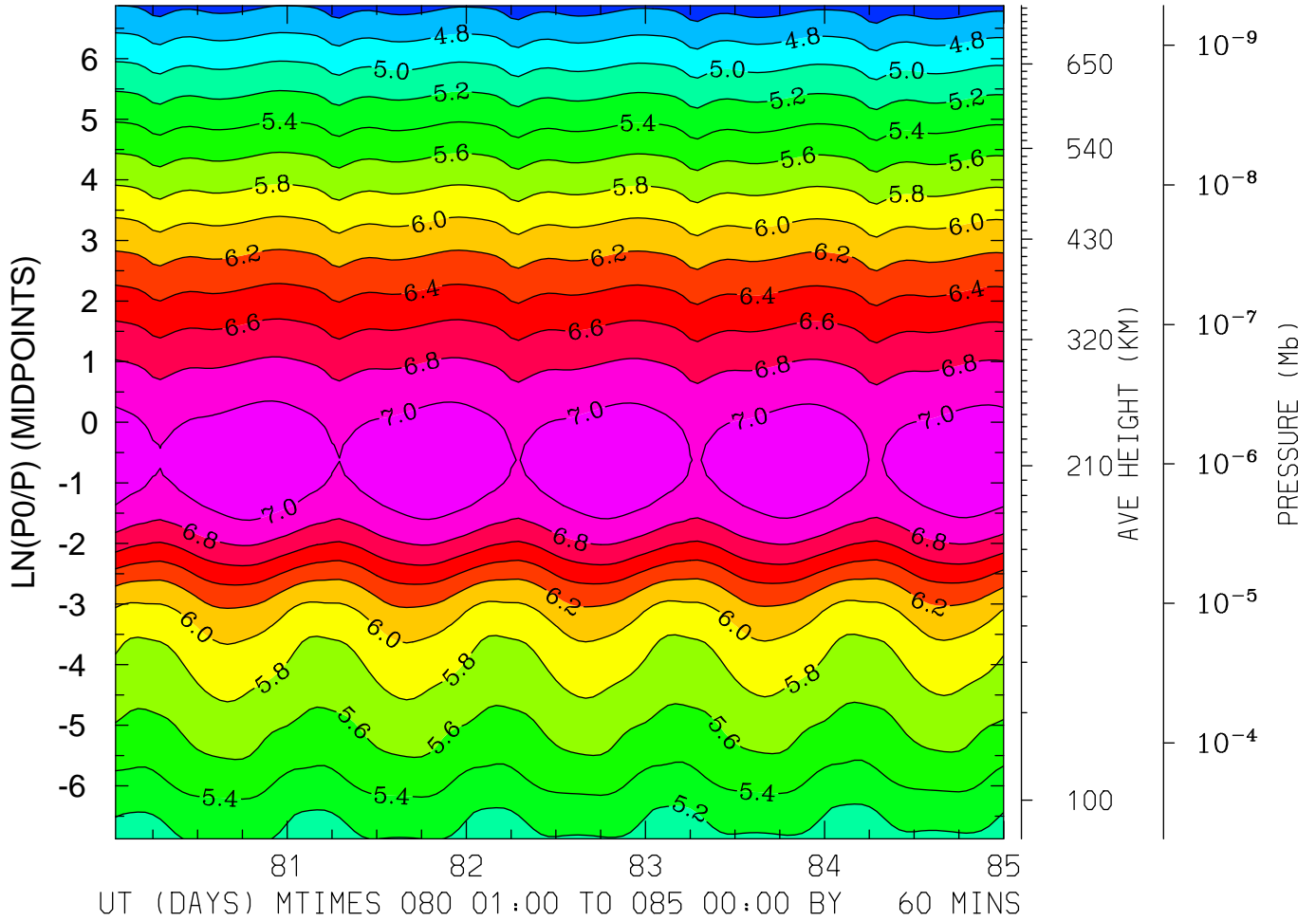
MIN,MAX= -4.0276E-01 6.8603E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
LAT=-61.25 LOCAL TIME=12.00



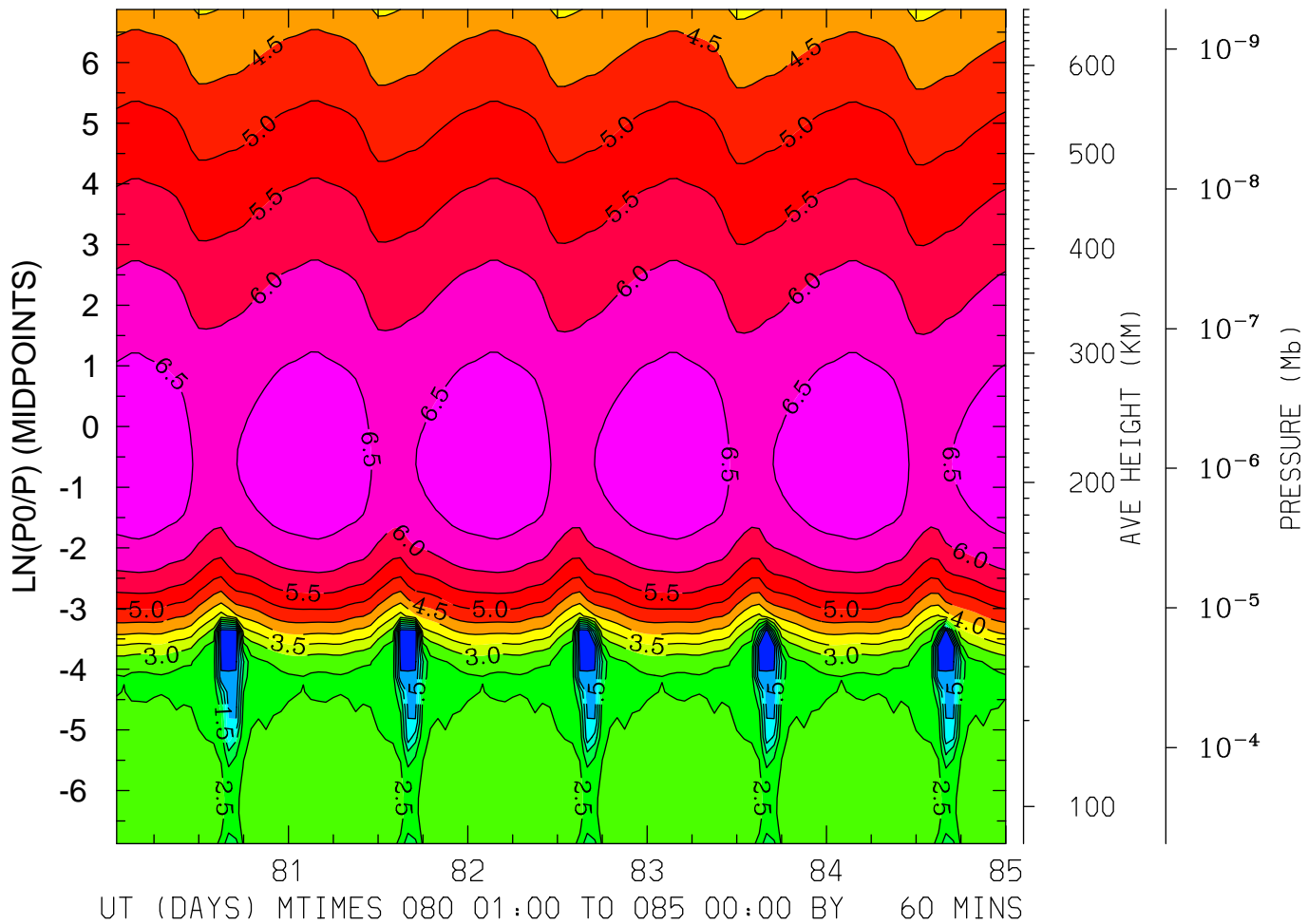
MIN,MAX= 4.6713E+00 7.4330E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
LAT=-61.25 (ZONAL MEANS)



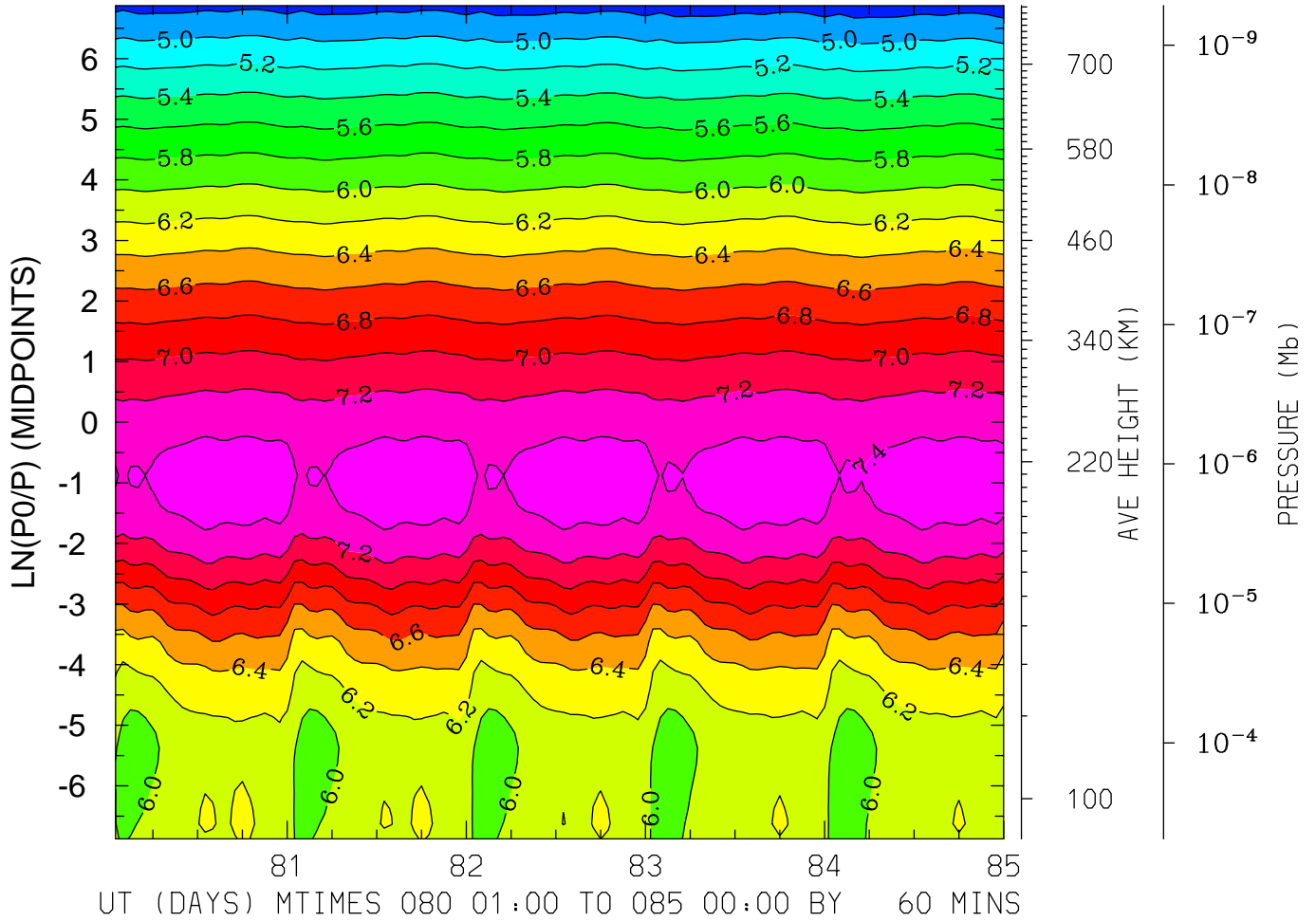
MIN,MAX= 4.4651E+00 7.1483E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
LAT=-41.25 LOCAL TIME= 0.00



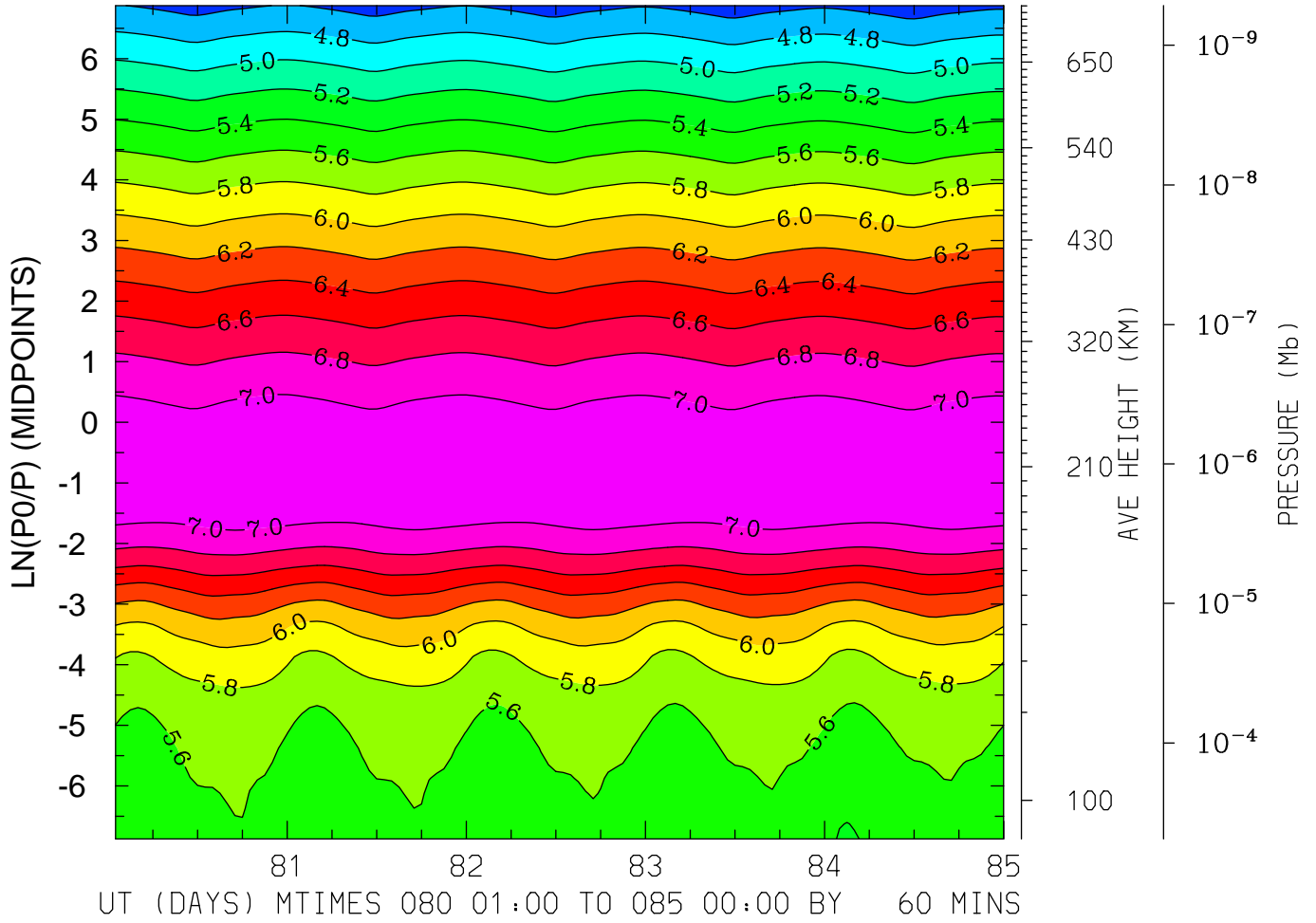
MIN,MAX= -4.1223E-01 6.8362E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
LAT=-41.25 LOCAL TIME=12.00



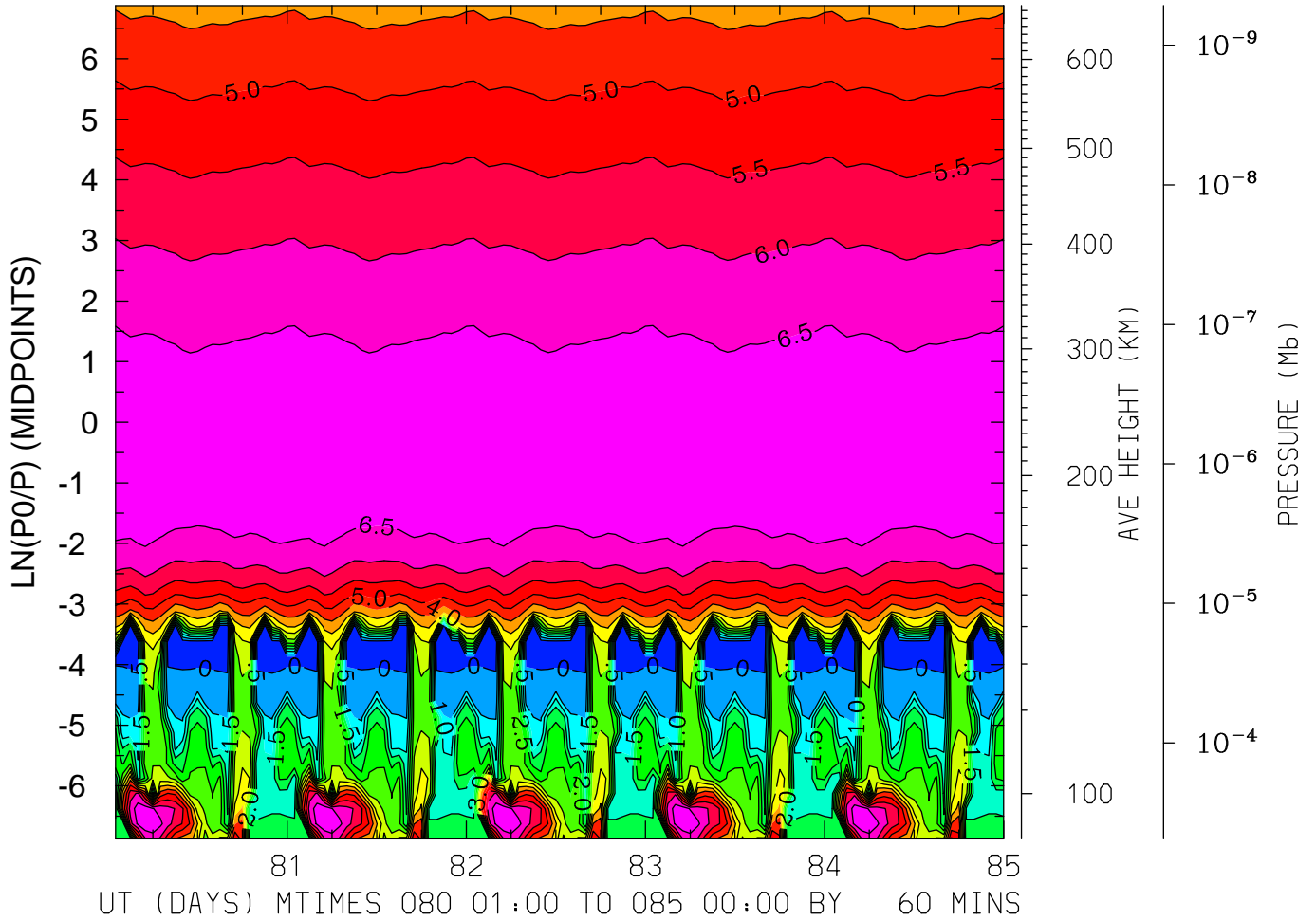
MIN,MAX= 4.6969E+00 7.4975E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
LAT=-41.25 (ZONAL MEANS)



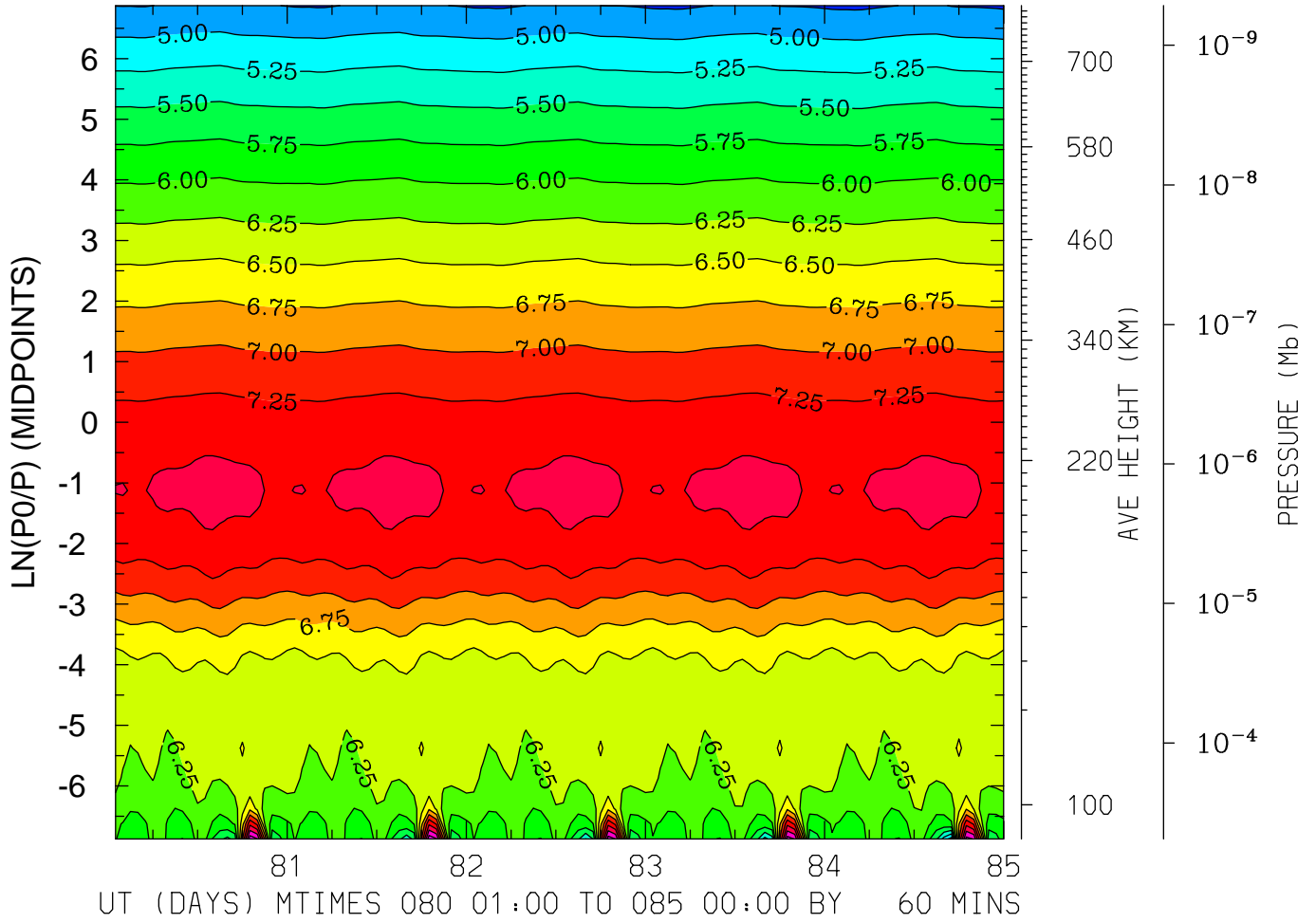
MIN,MAX= 4.4943E+00 7.1874E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
LAT= -1.25 LOCAL TIME= 0.00



MIN,MAX= -4.1962E-01 6.9501E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

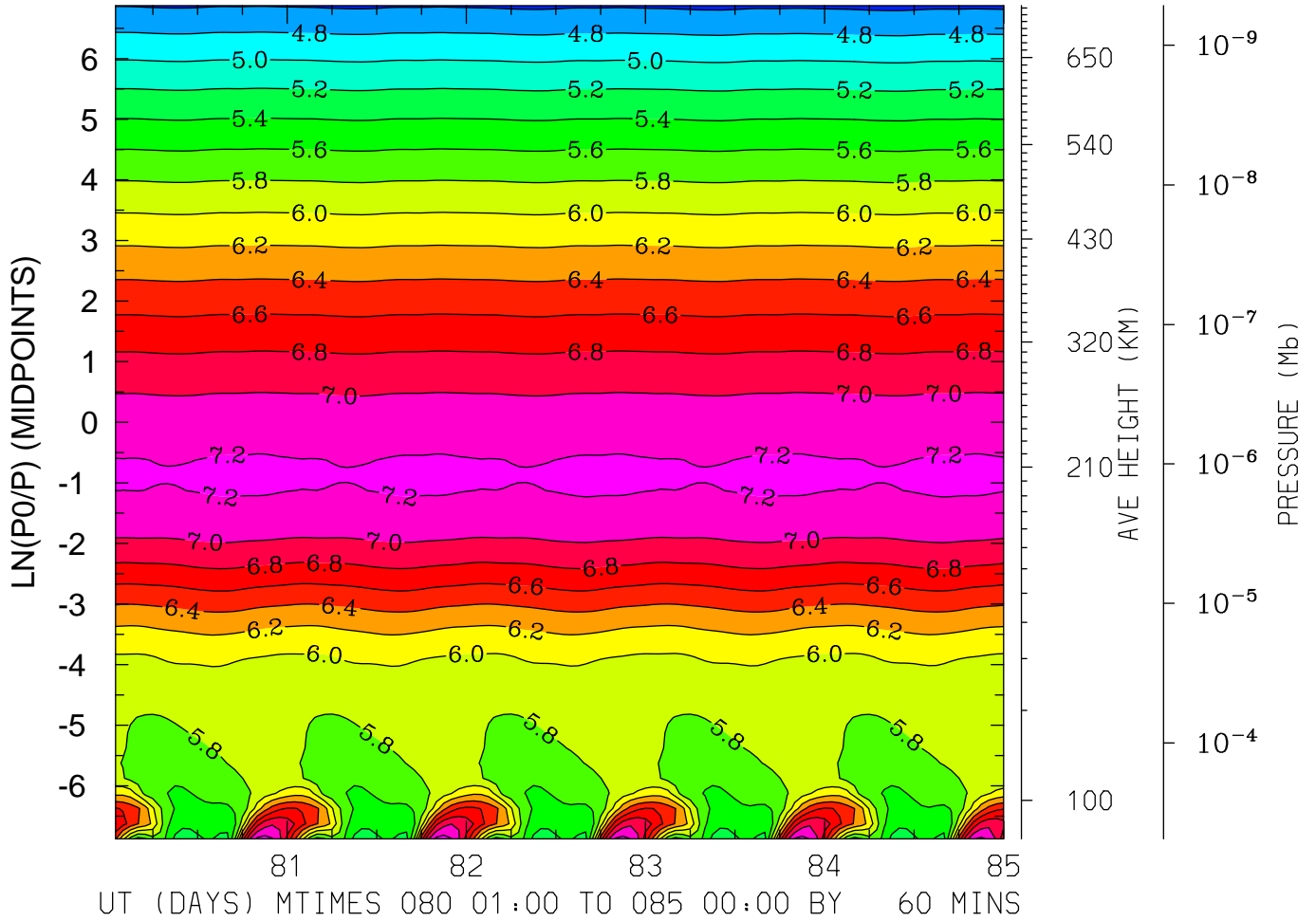
LOG10 N4S (CM3)  
LAT= -1.25 LOCAL TIME=12.00



MIN,MAX= 4.7121E+00 8.1630E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

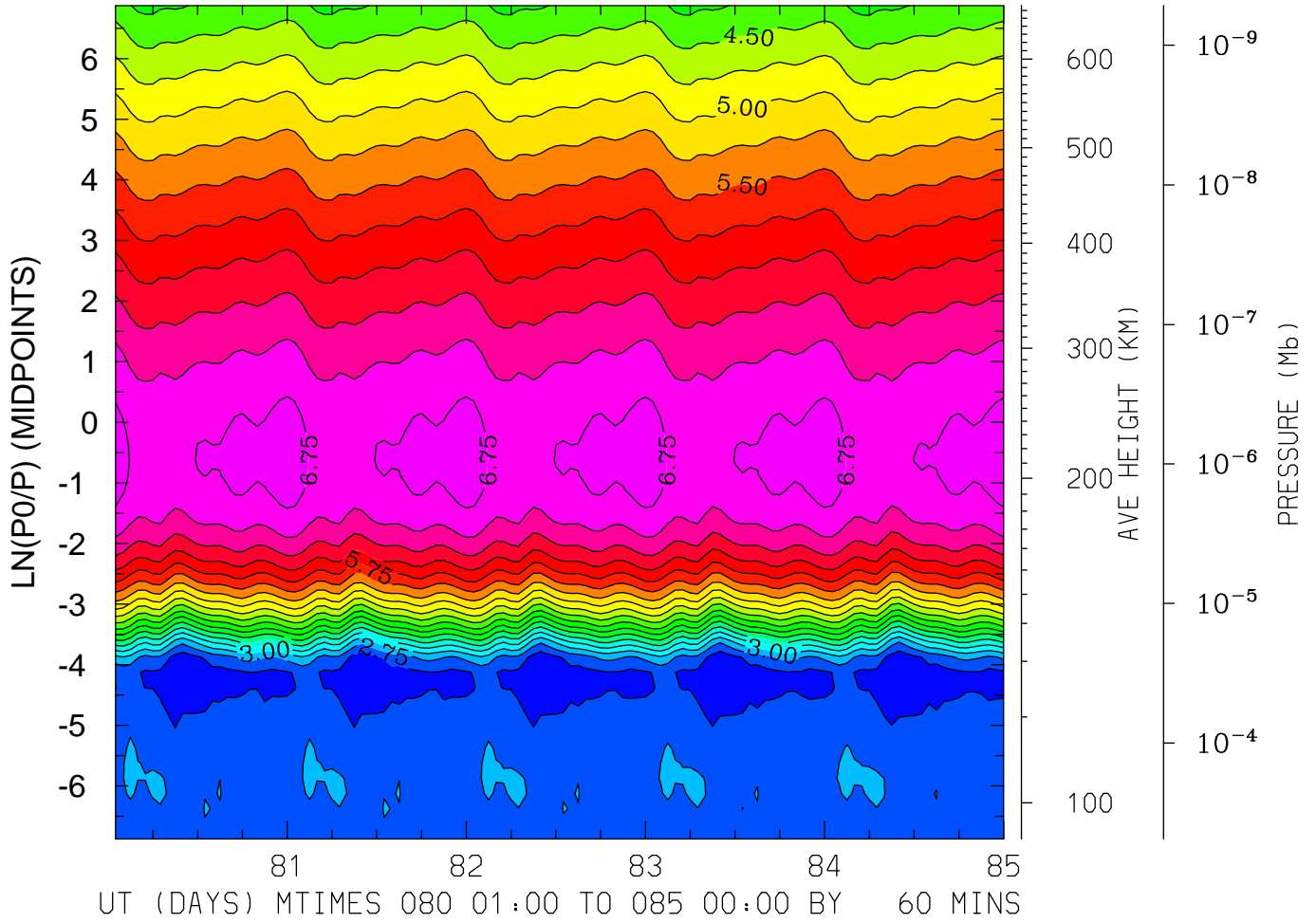


LOG10 N4S (CM3)  
LAT= -1.25 (ZONAL MEANS)



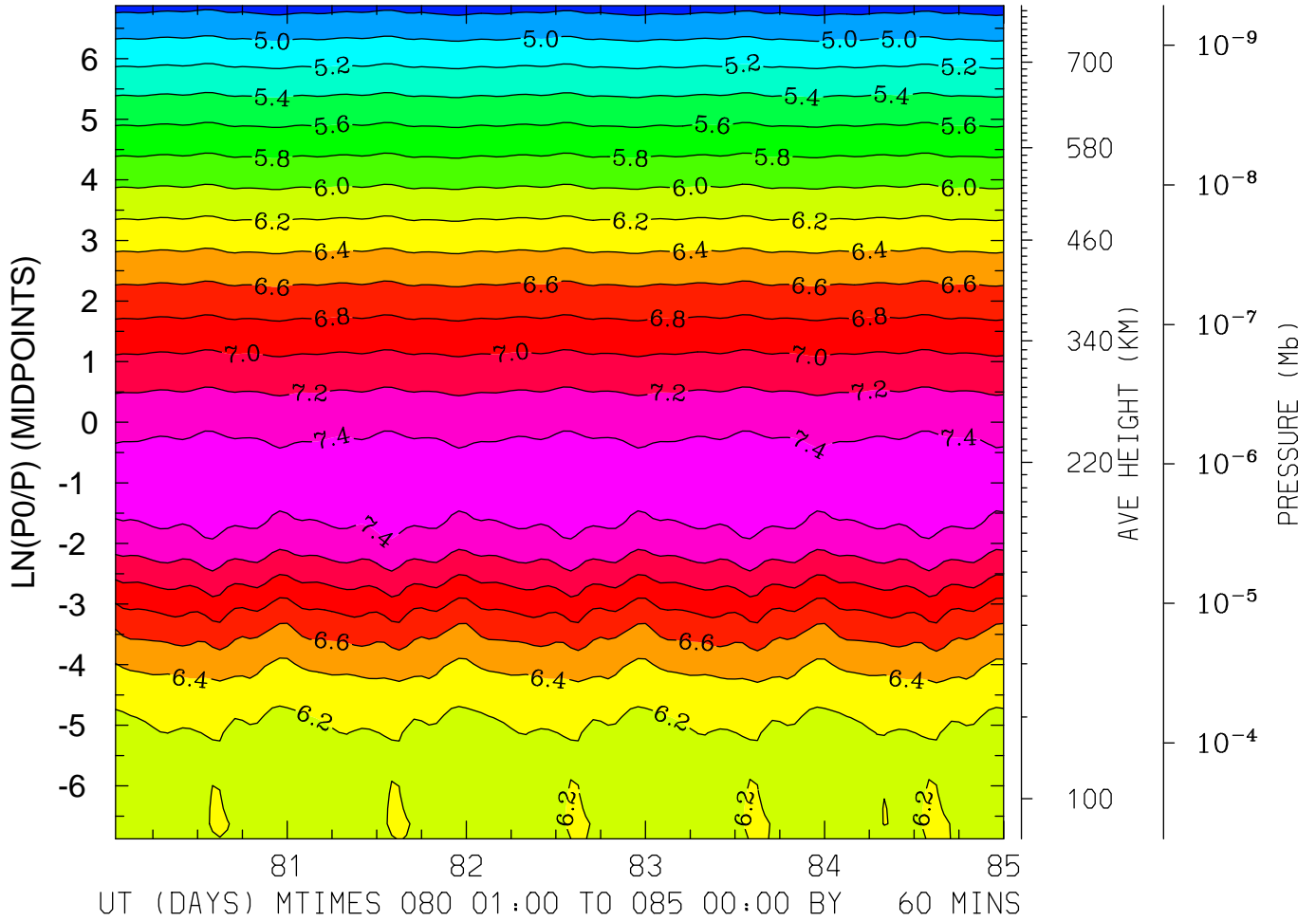
MIN,MAX= 4.5593E+00 7.2880E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
LAT= 38.75 LOCAL TIME= 0.00



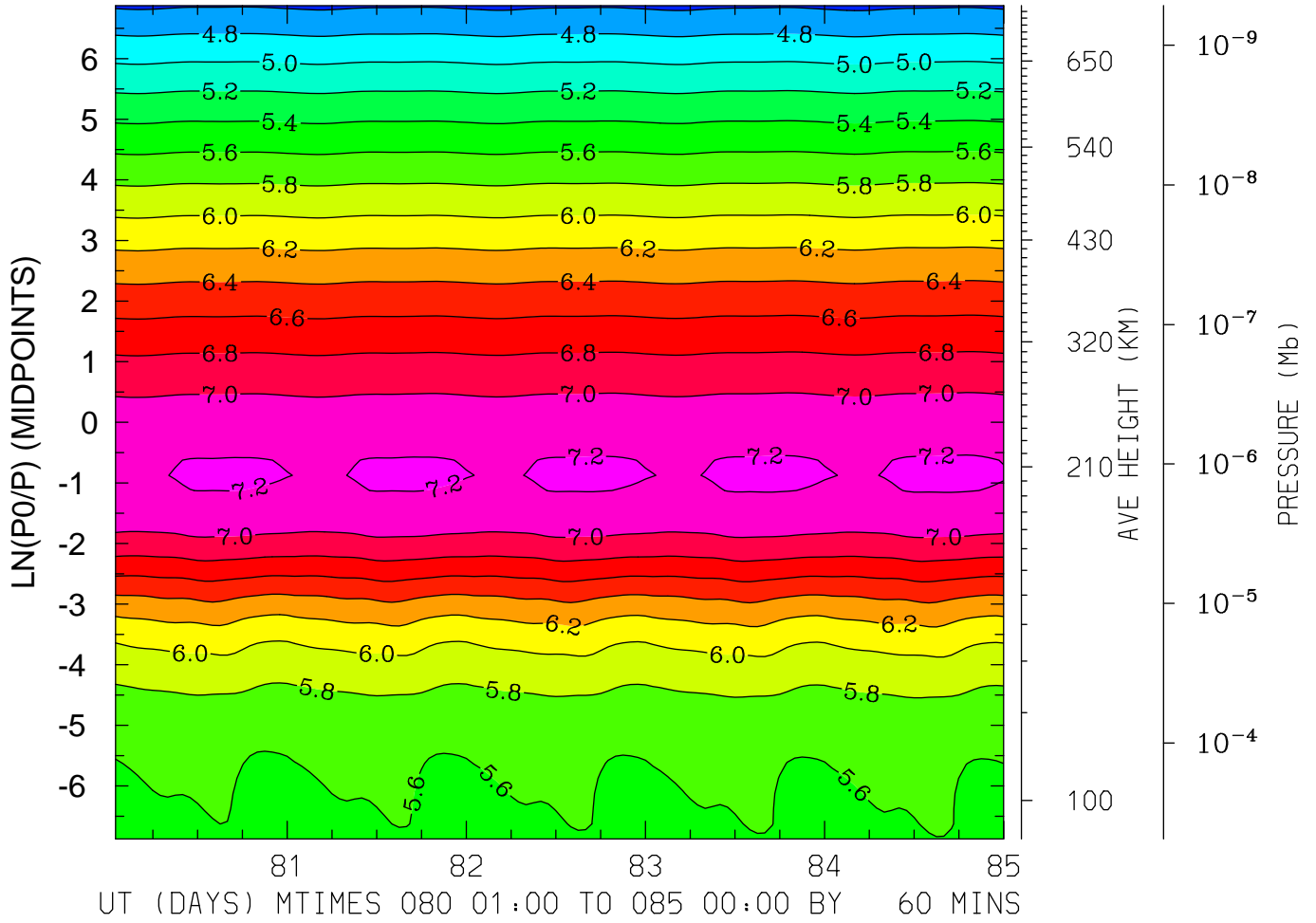
MIN,MAX= 2.2781E+00 6.8781E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
LAT= 38.75 LOCAL TIME=12.00



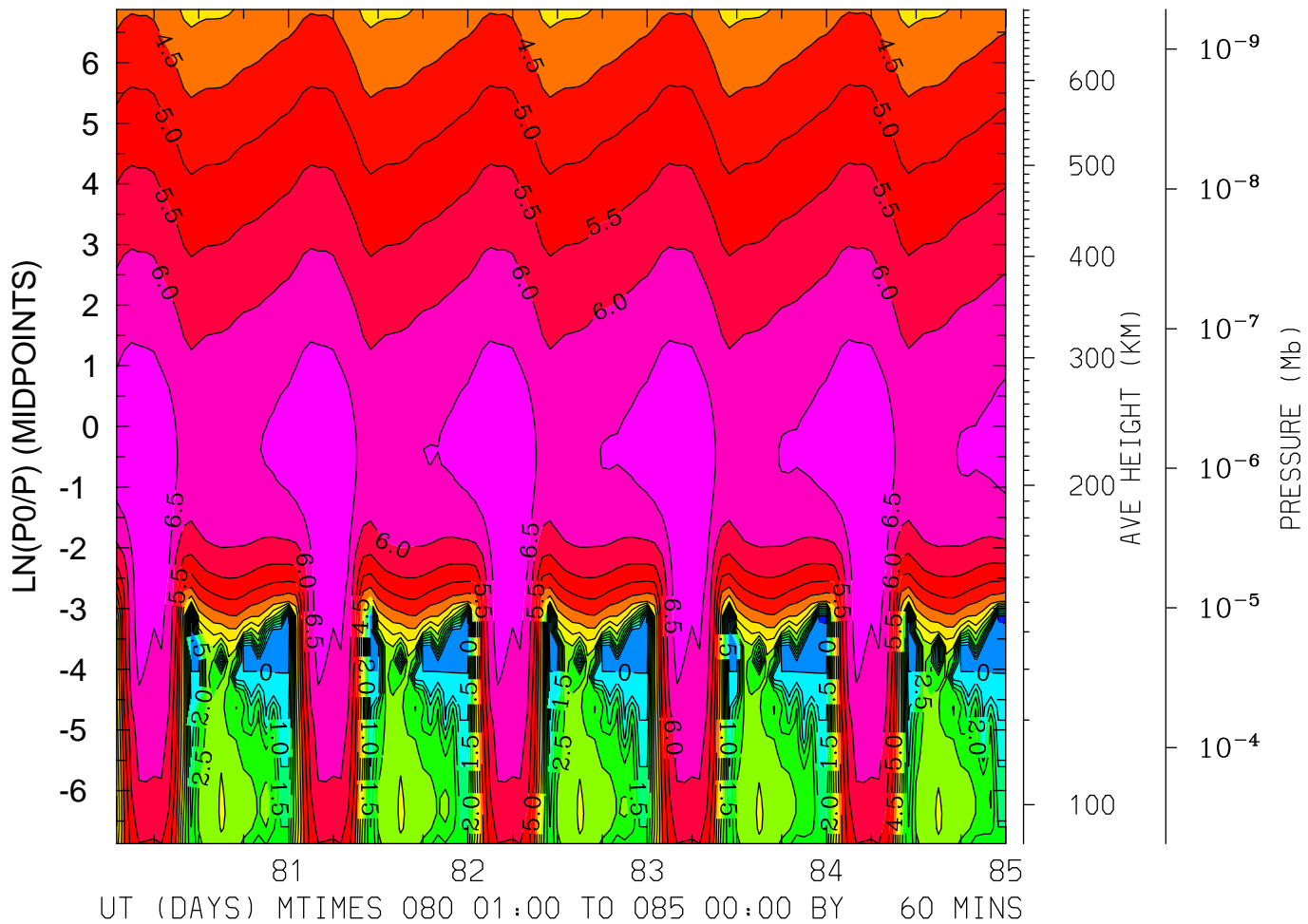
MIN,MAX= 4.7192E+00 7.5256E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
LAT= 38.75 (ZONAL MEANS)



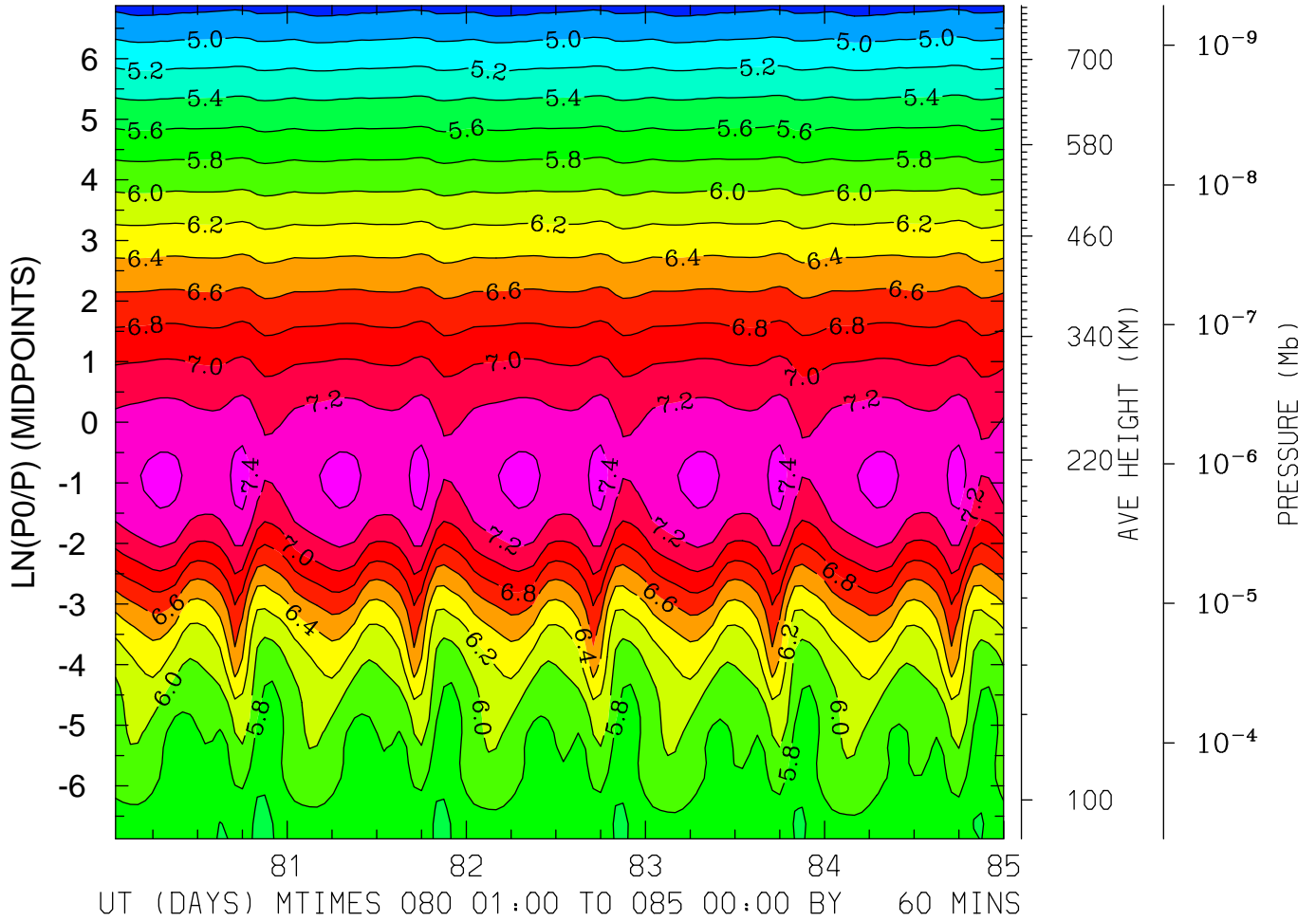
MIN,MAX= 4.5602E+00 7.2172E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
LAT= 58.75 LOCAL TIME= 0.00



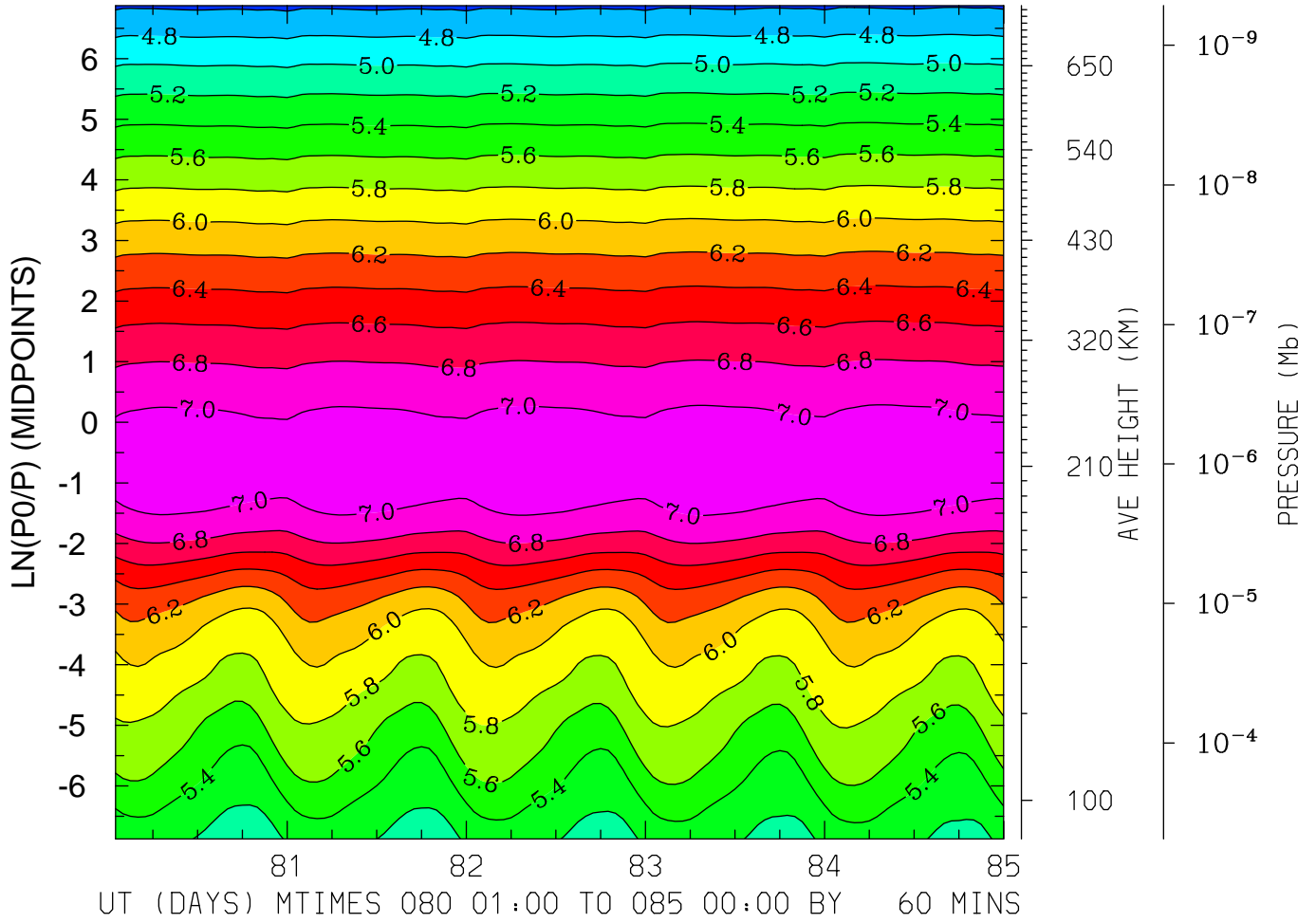
MIN,MAX= -5.7081E-01 6.8991E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
LAT= 58.75 LOCAL TIME=12.00



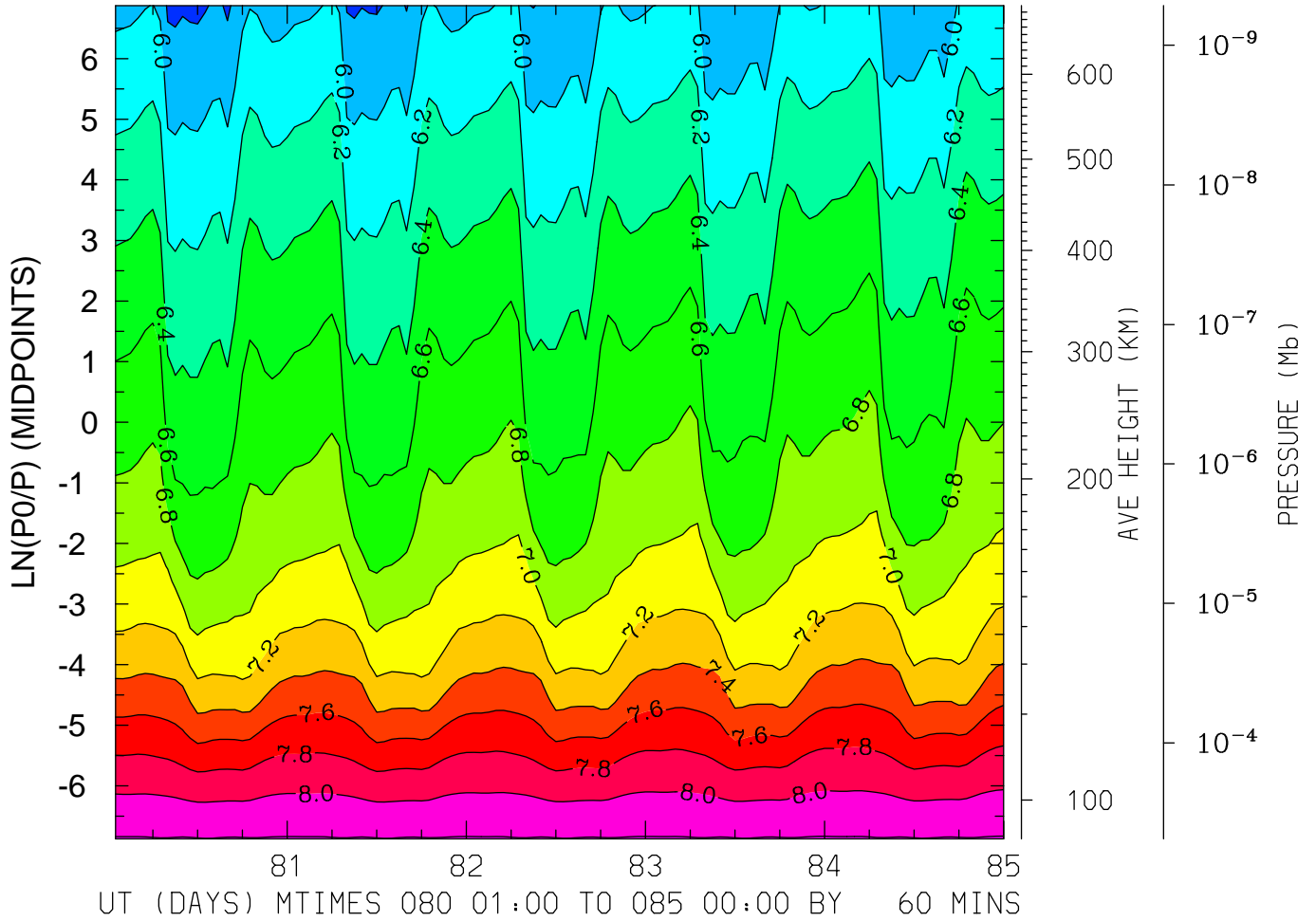
MIN,MAX= 4.7163E+00 7.4513E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 N4S (CM3)  
LAT= 58.75 (ZONAL MEANS)



MIN,MAX= 4.5593E+00 7.1313E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

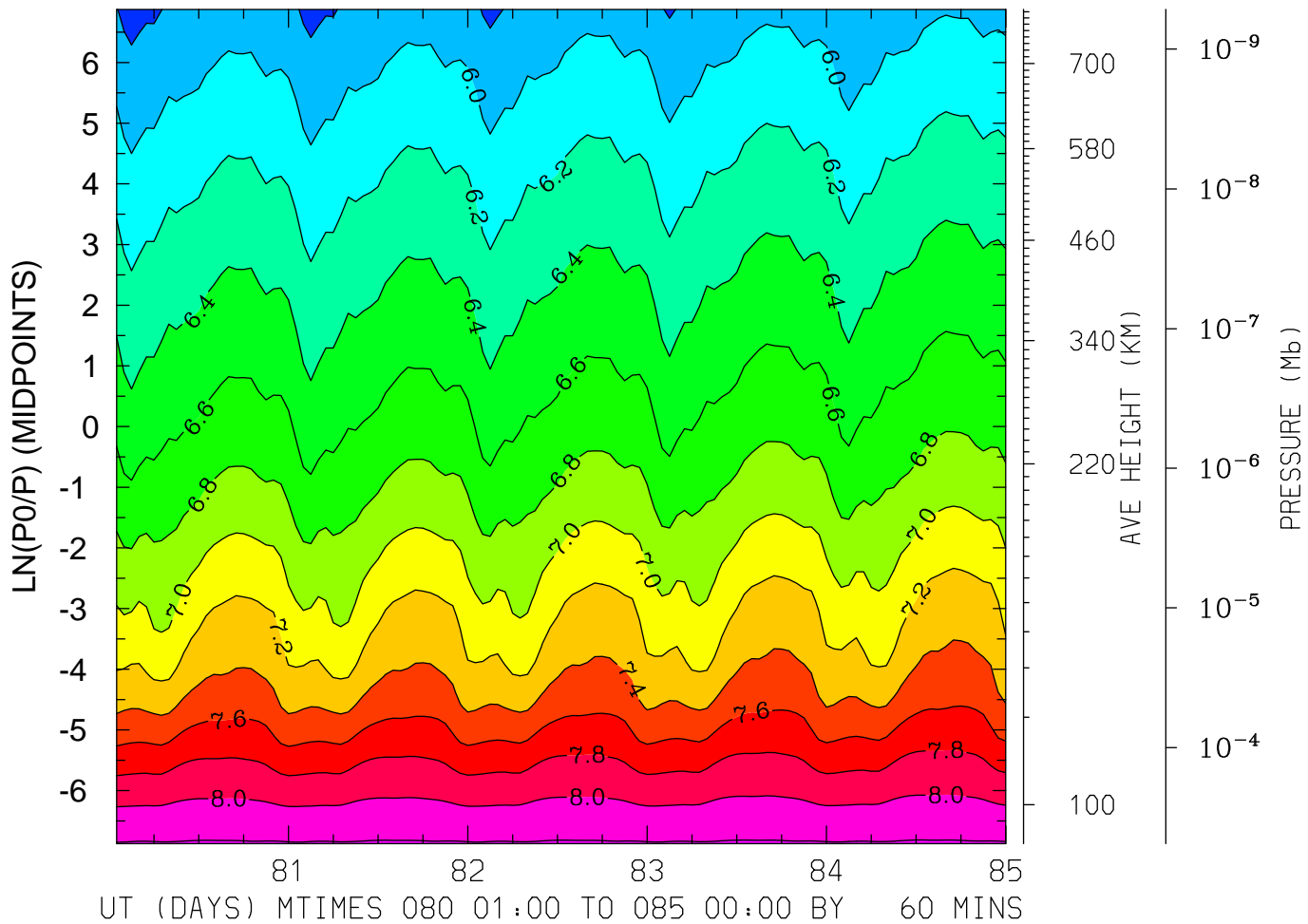
LOG10 HELIUM (HE) (CM3)  
LAT=-61.25 LOCAL TIME= 0.00



MIN,MAX= 5.7569E+00 8.2114E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

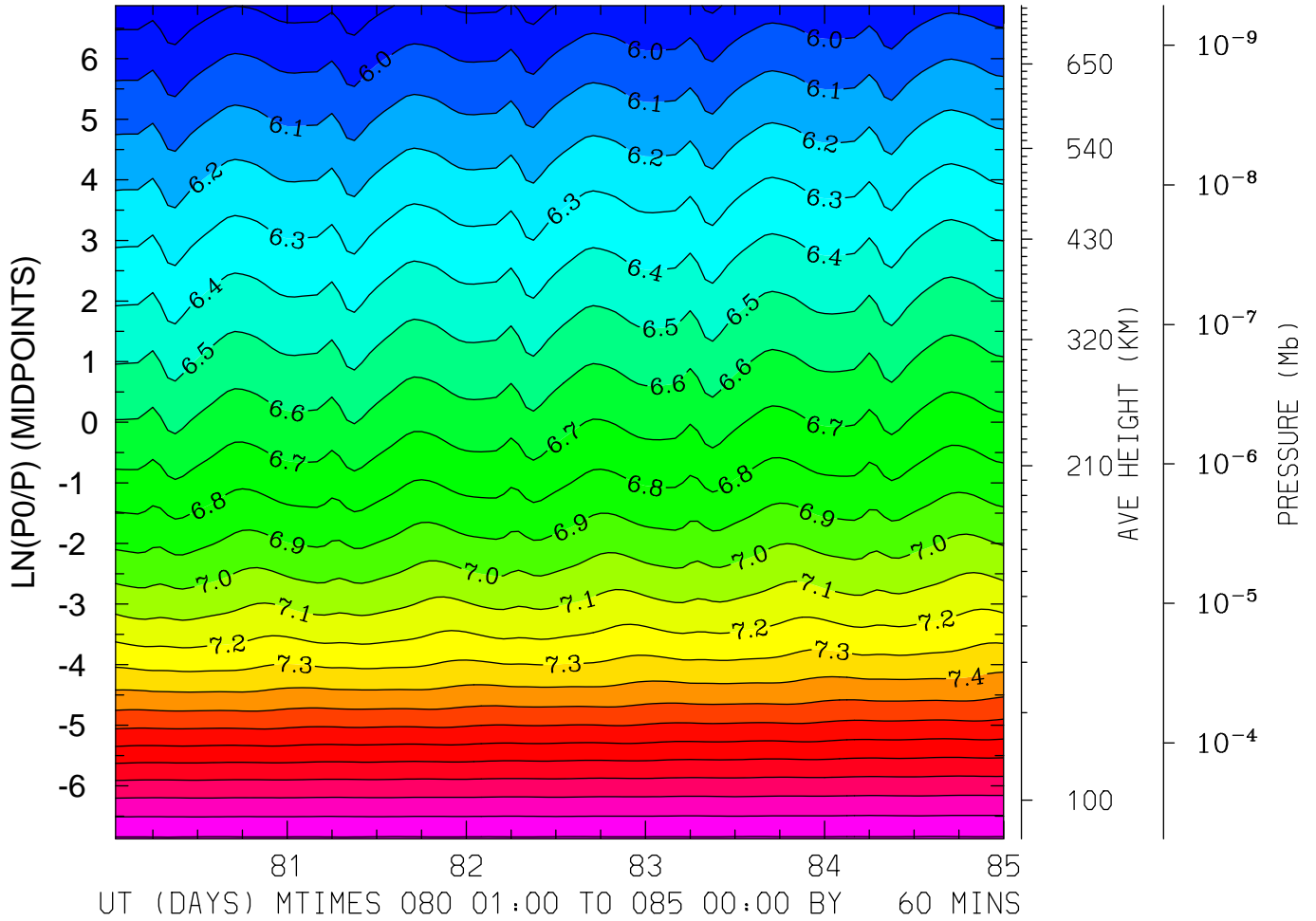


LOG10 HELIUM (HE) (CM3)  
LAT=-61.25 LOCAL TIME=12.00



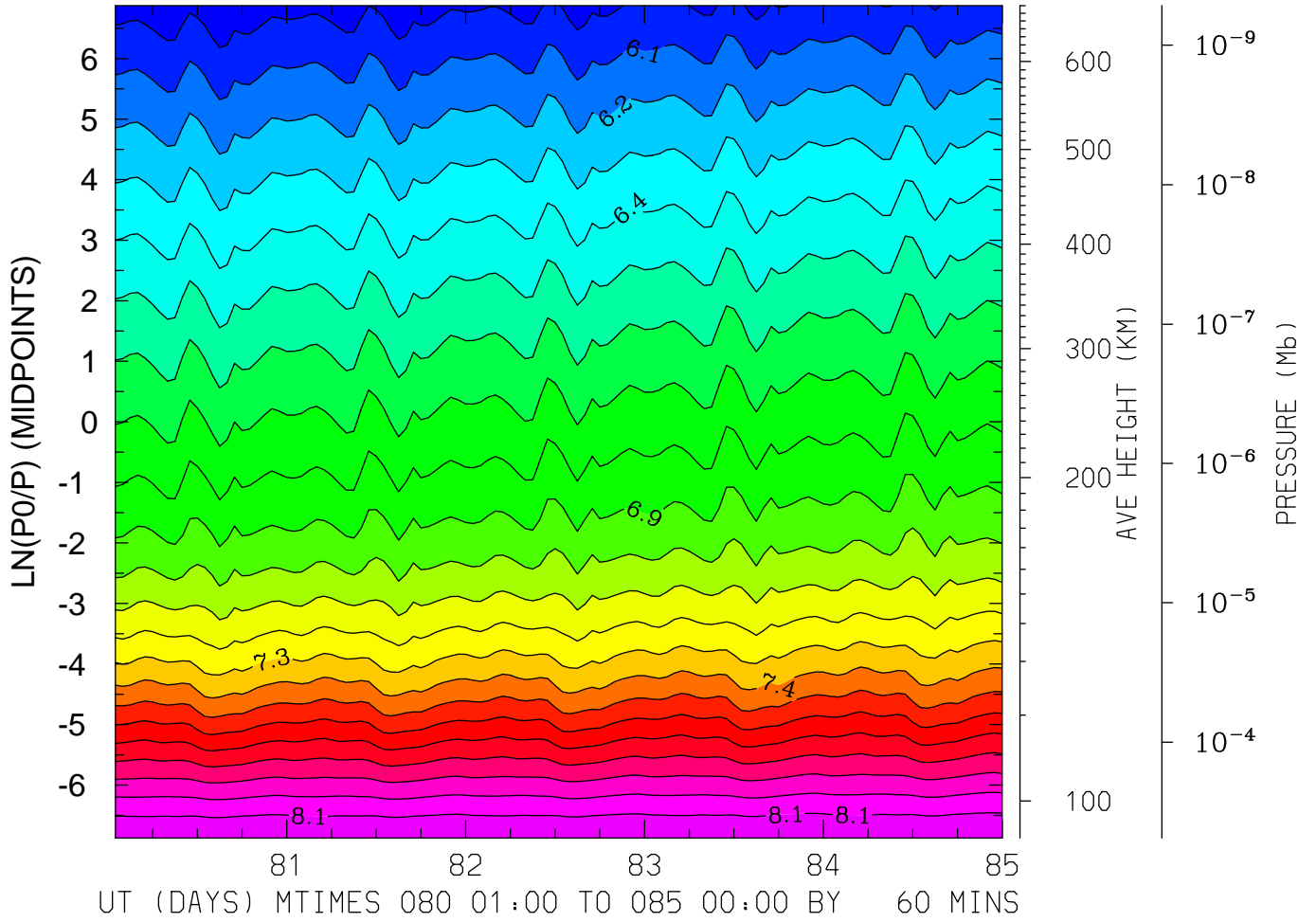
MIN,MAX= 5.7287E+00 8.2169E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
LAT=-61.25 (ZONAL MEANS)



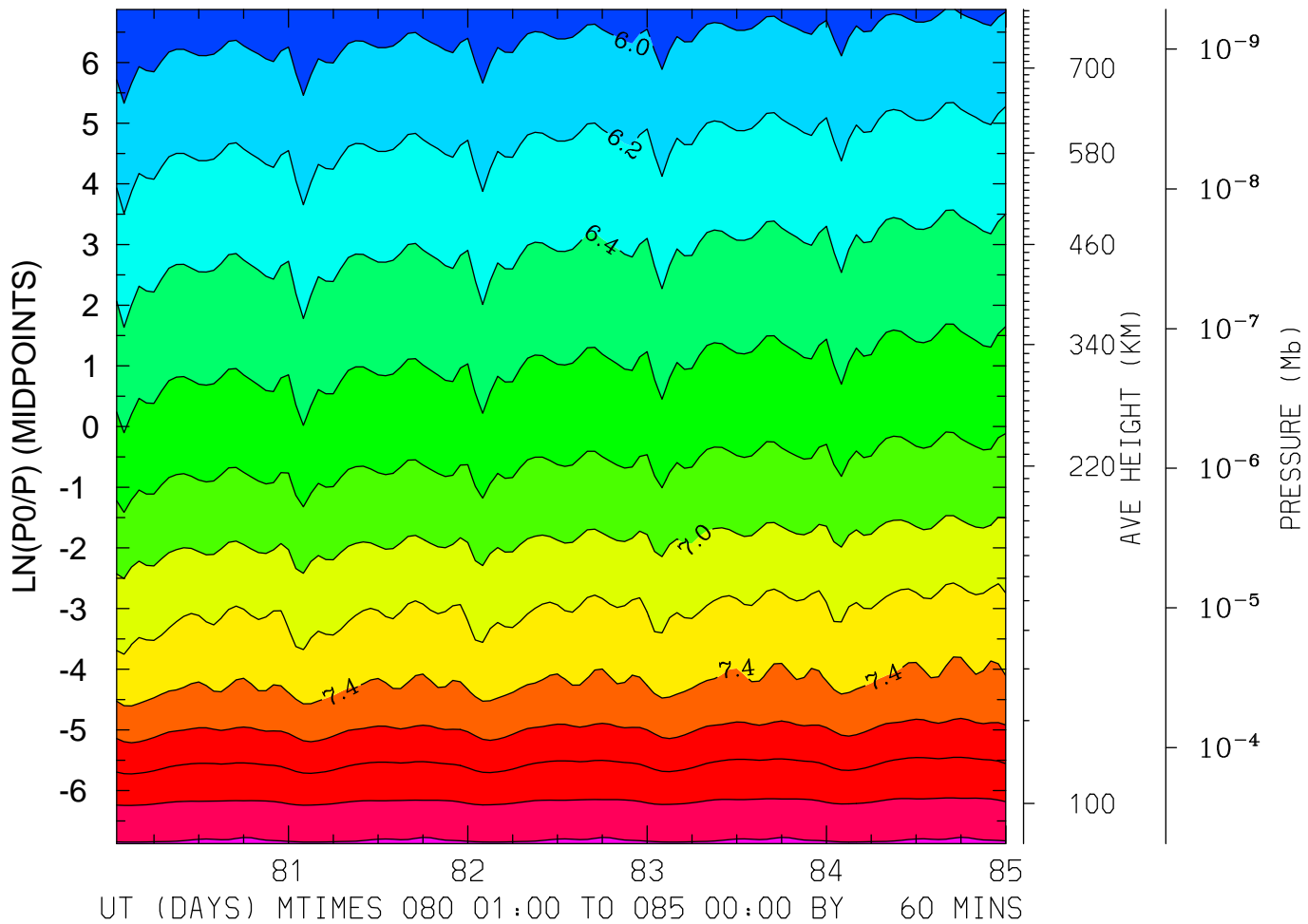
MIN,MAX= 5.8197E+00 8.2116E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
LAT=-41.25 LOCAL TIME= 0.00



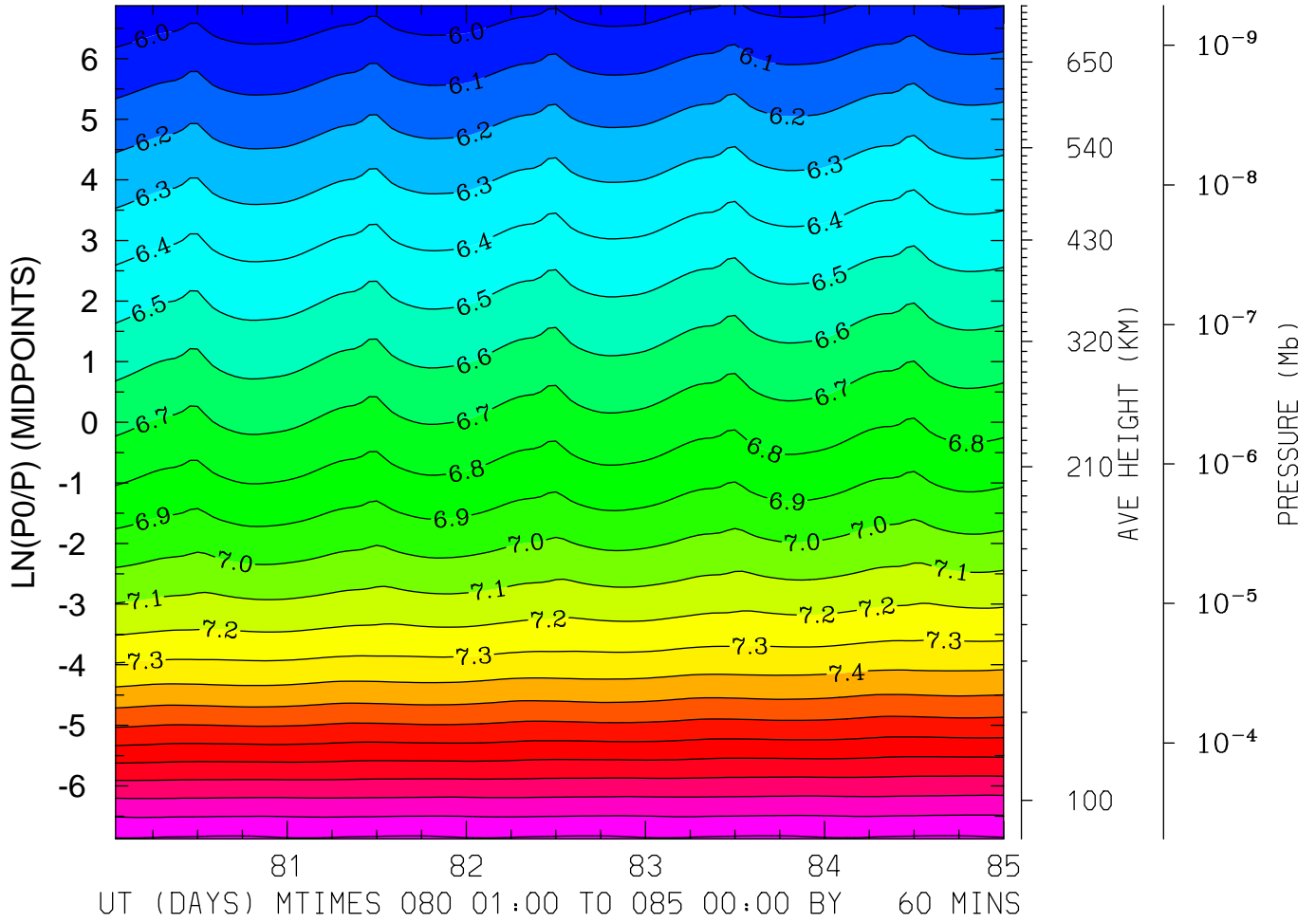
MIN,MAX= 5.9130E+00 8.1981E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
LAT=-41.25 LOCAL TIME=12.00



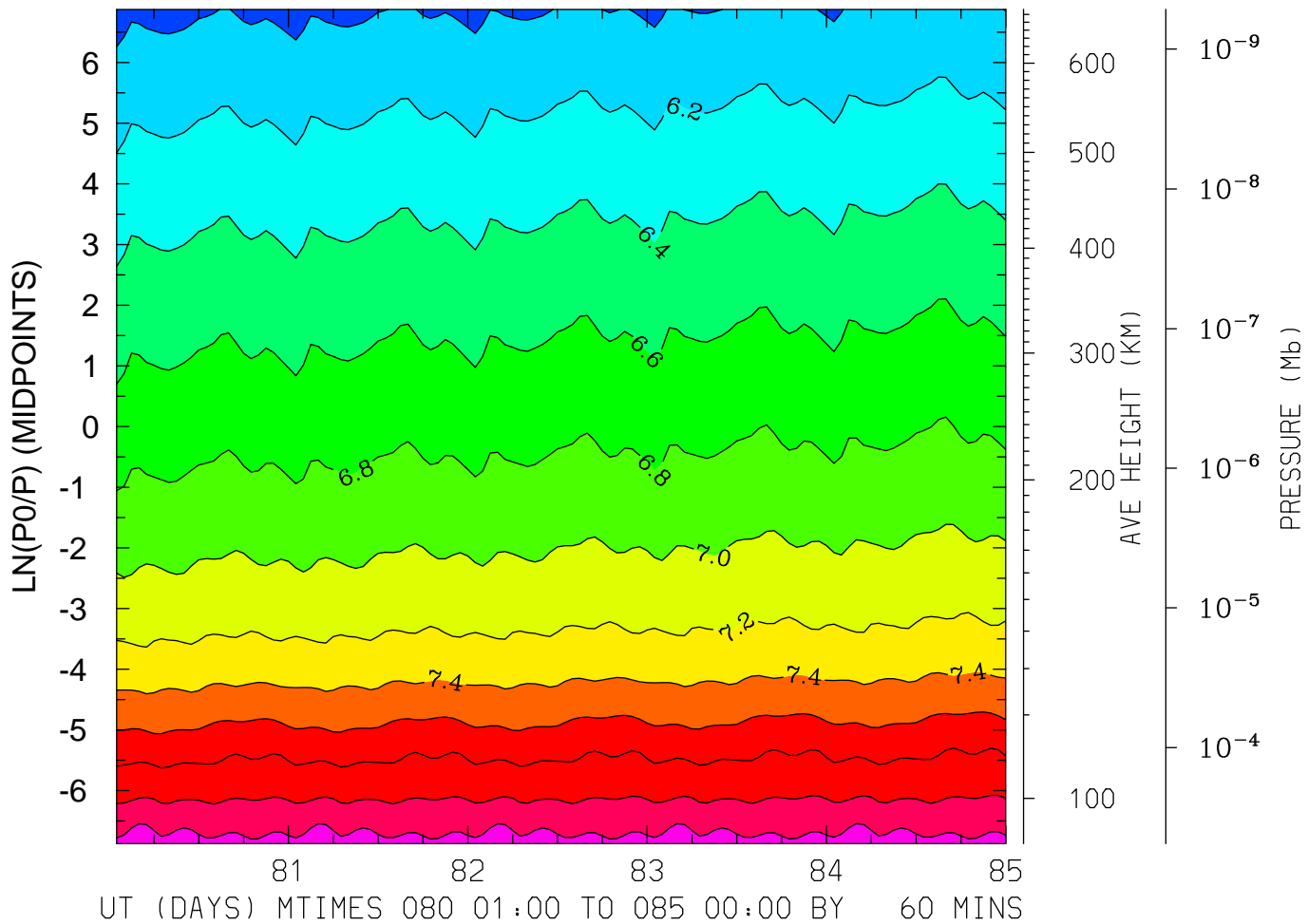
MIN,MAX= 5.8137E+00 8.2325E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
LAT=-41.25 (ZONAL MEANS)



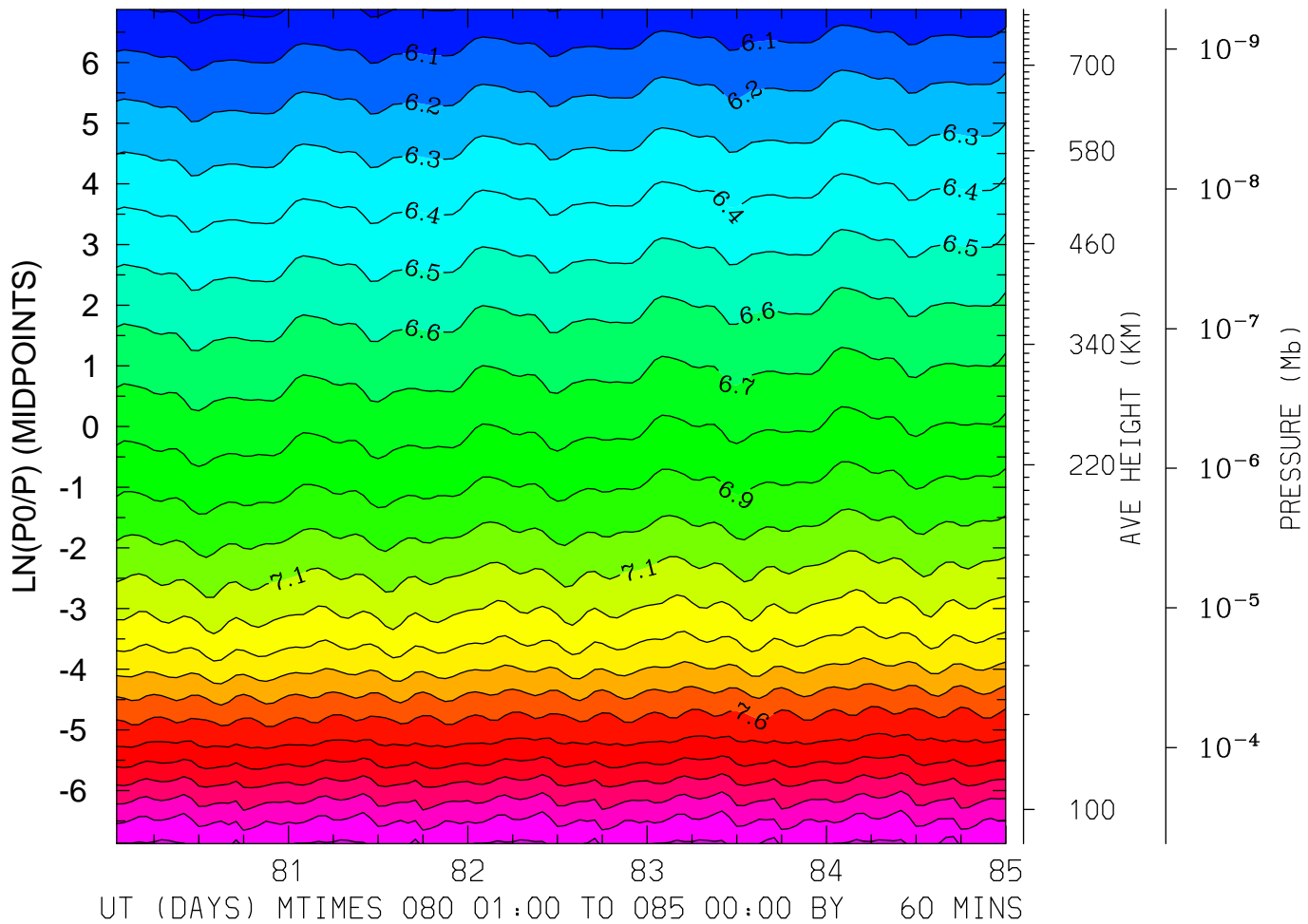
MIN,MAX= 5.9119E+00 8.2159E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
LAT= -1.25 LOCAL TIME= 0.00



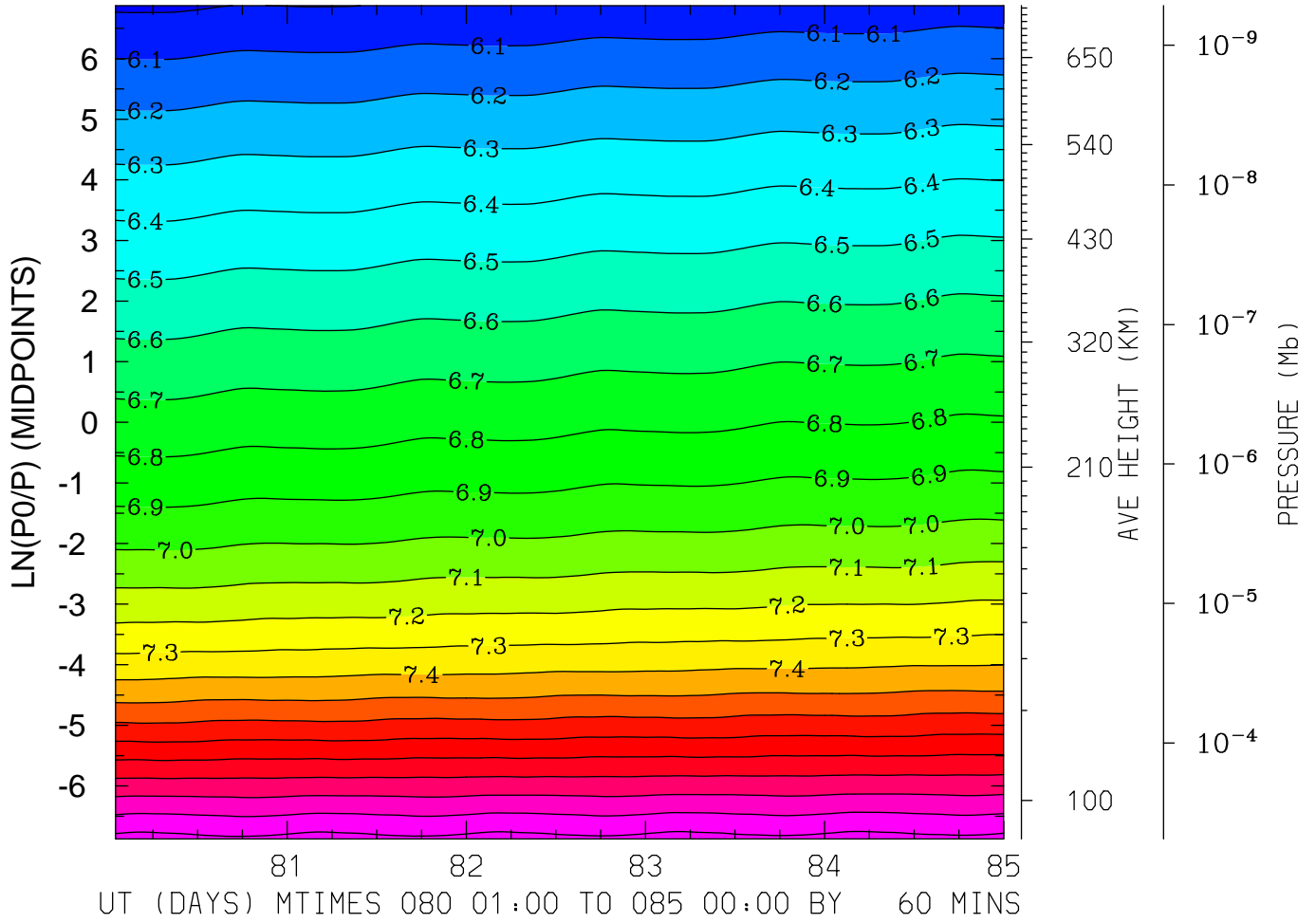
MIN,MAX= 5.9229E+00 8.3468E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
LAT= -1.25 LOCAL TIME=12.00



MIN,MAX= 5.9689E+00 8.2431E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

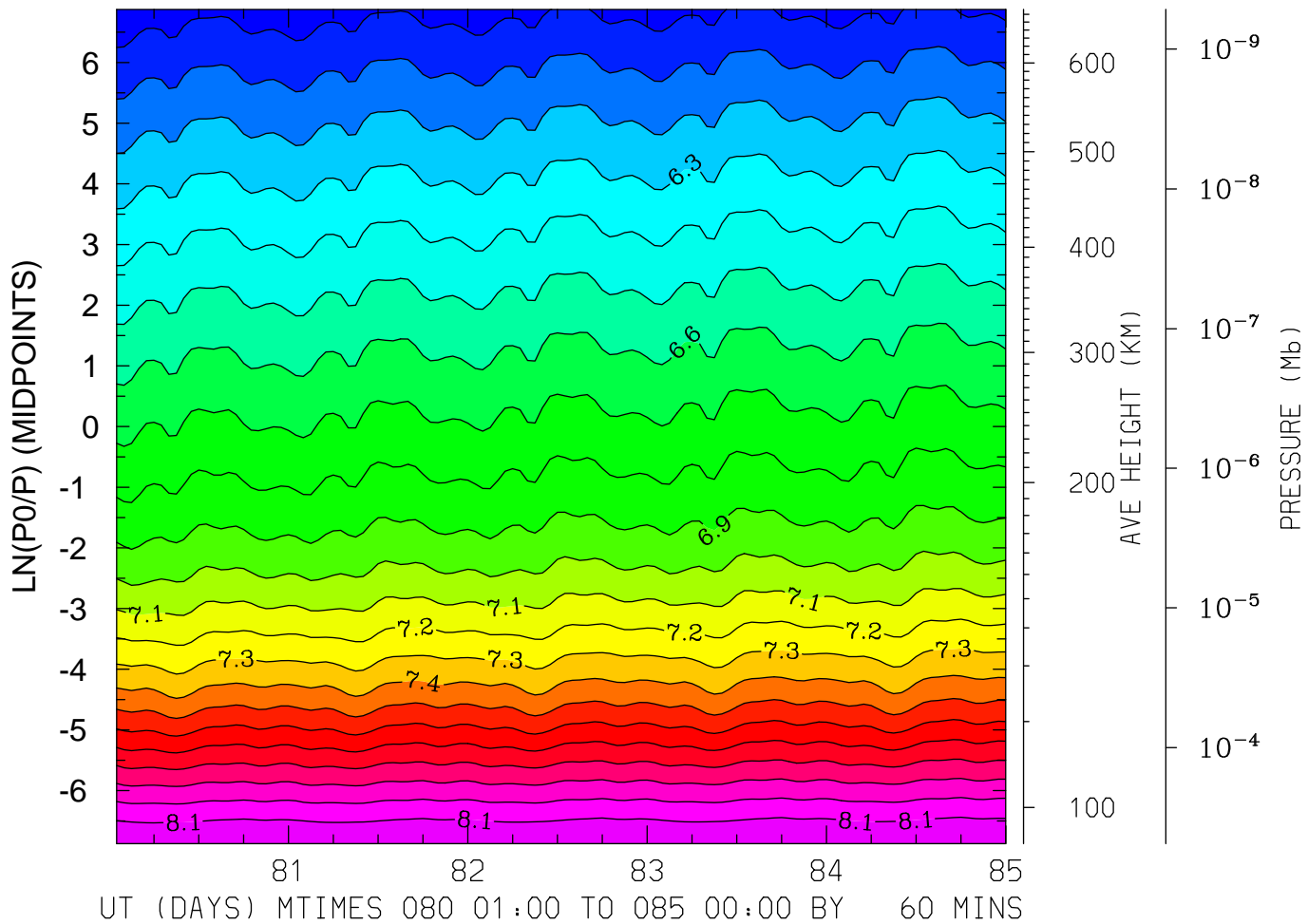
LOG10 HELIUM (HE) (CM3)  
LAT= -1.25 (ZONAL MEANS)



MIN,MAX= 5.9842E+00 8.2367E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

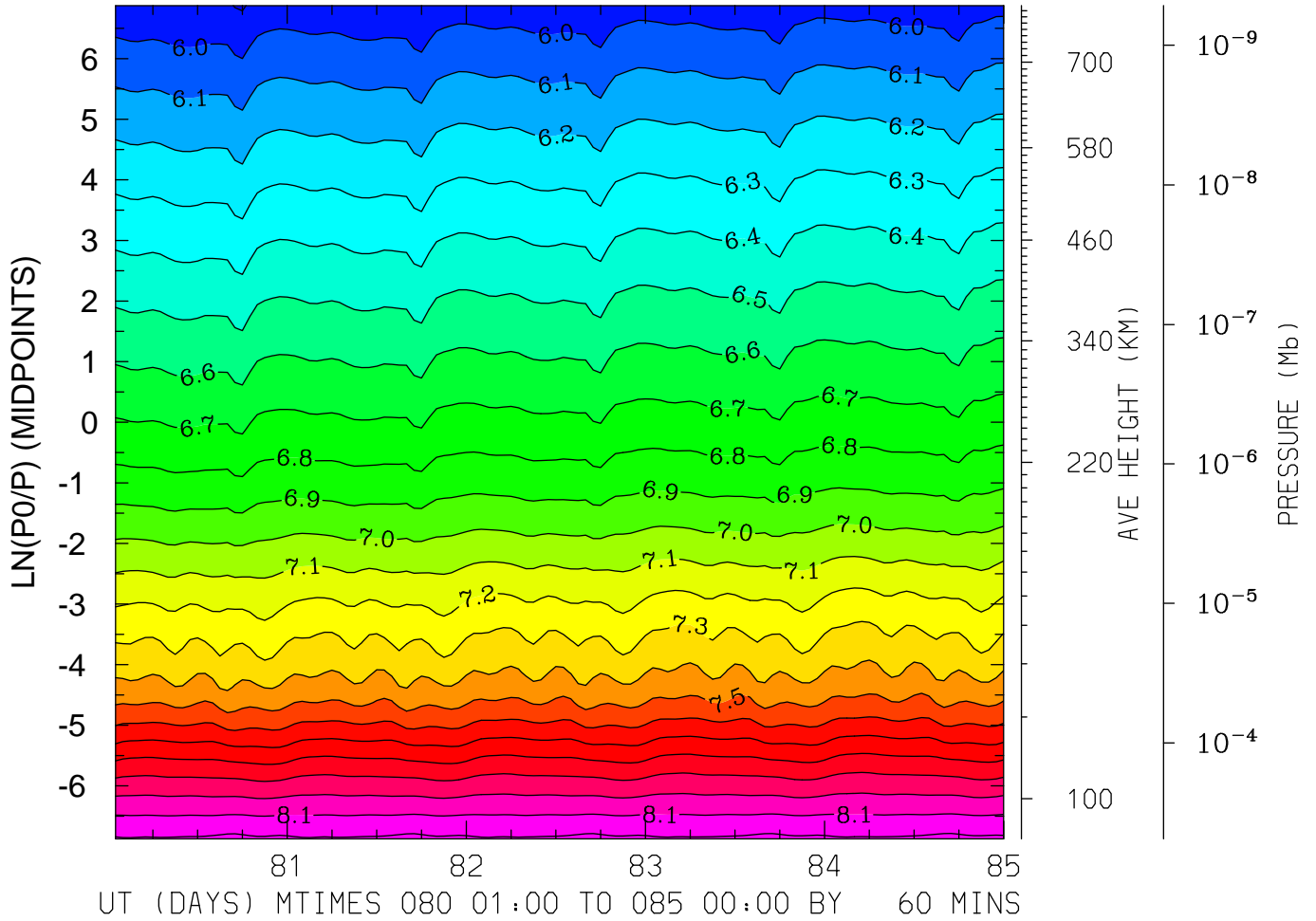


LOG10 HELIUM (HE) (CM3)  
LAT= 38.75 LOCAL TIME= 0.00



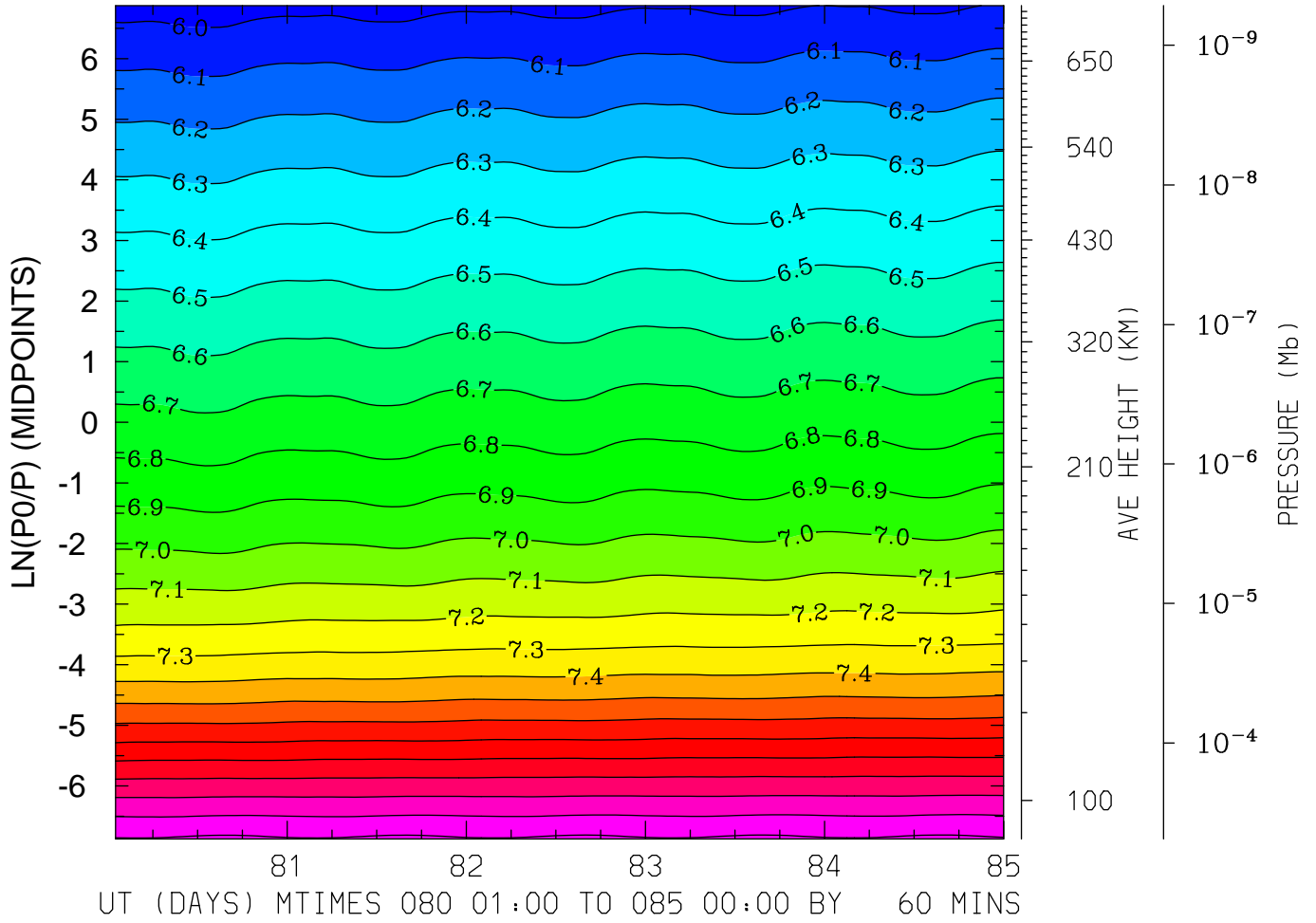
MIN,MAX= 5.9215E+00 8.2006E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
LAT= 38.75 LOCAL TIME=12.00



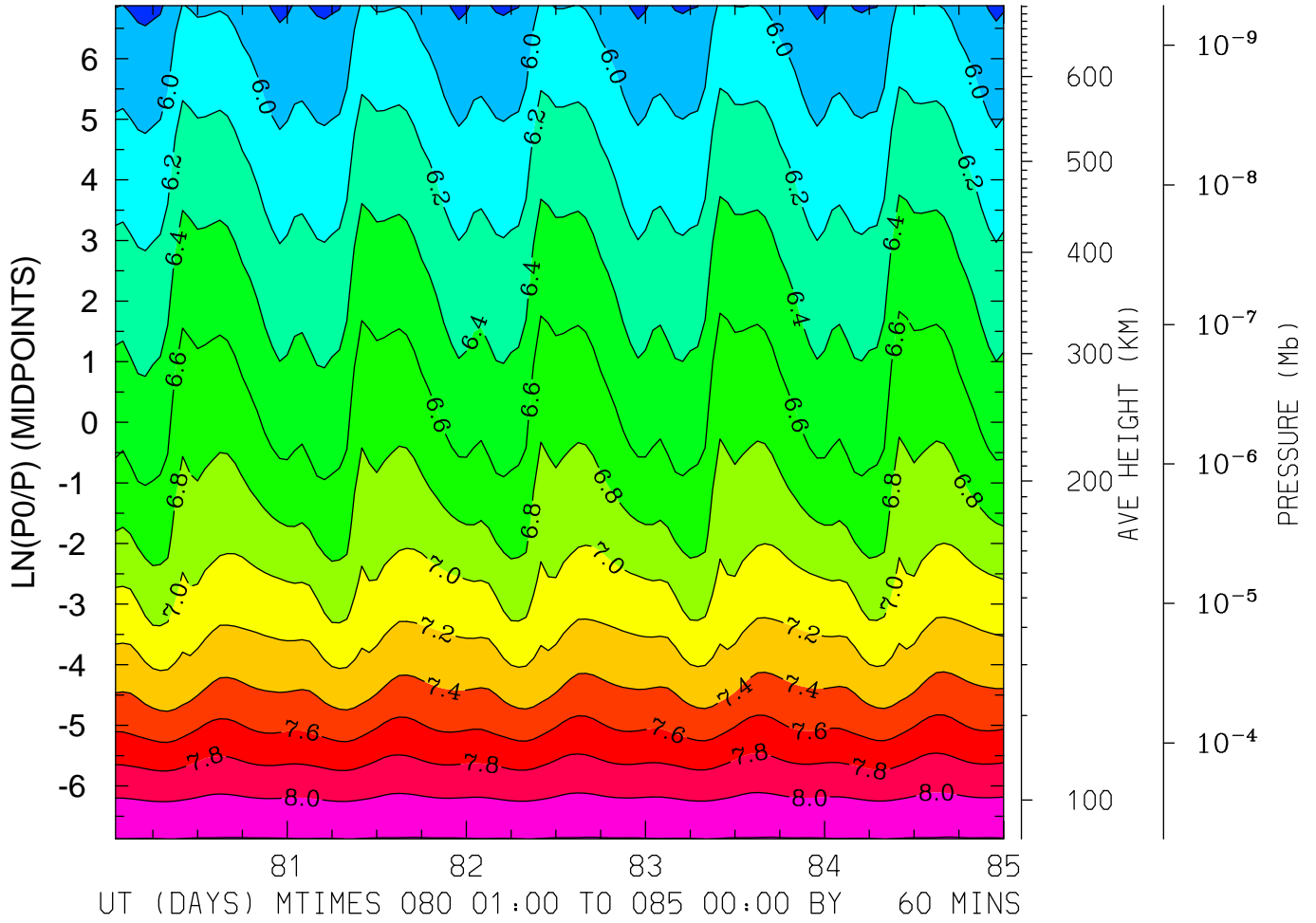
MIN,MAX= 5.8887E+00 8.2261E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
LAT= 38.75 (ZONAL MEANS)



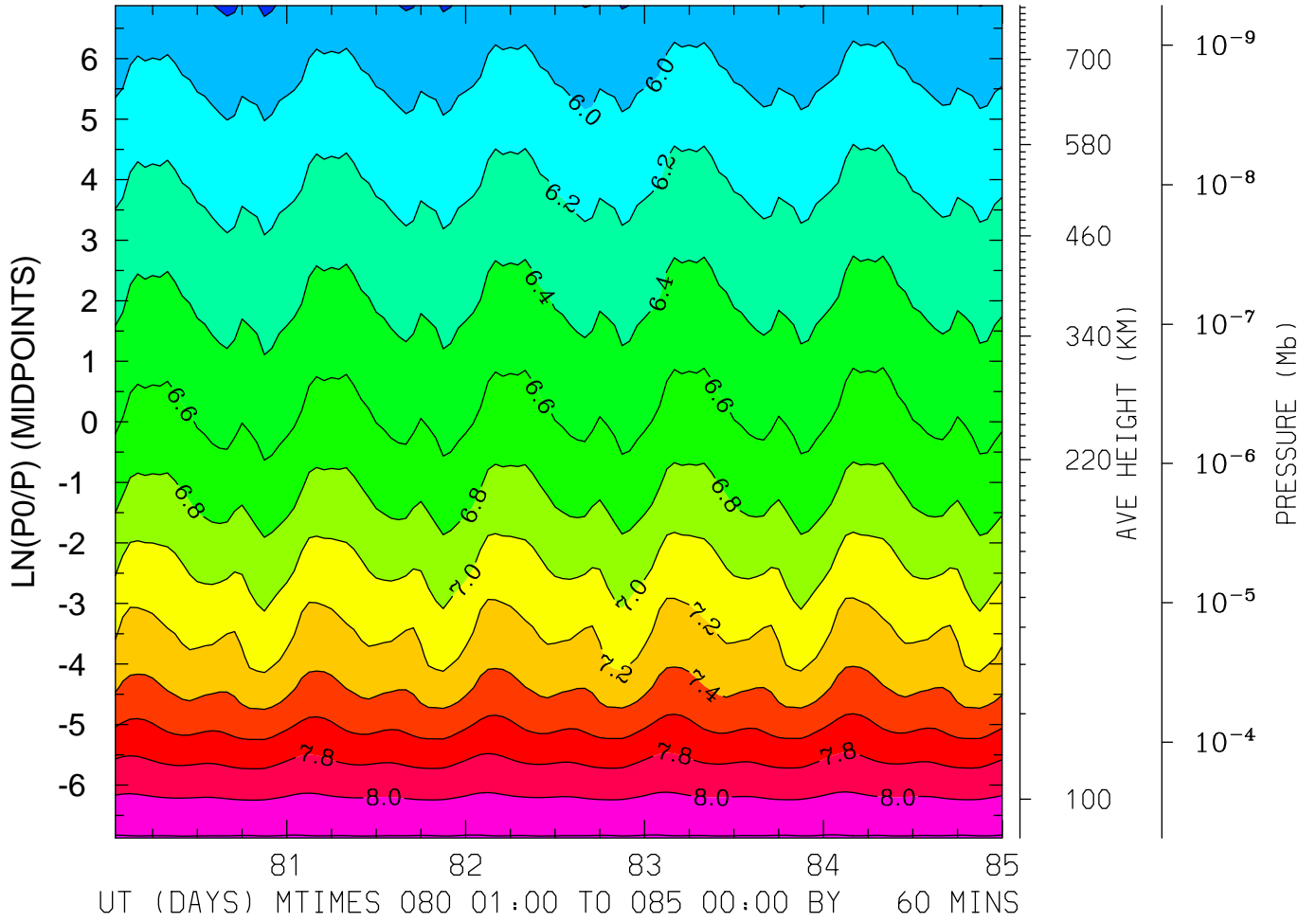
MIN,MAX= 5.9520E+00 8.2191E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
LAT= 58.75 LOCAL TIME= 0.00



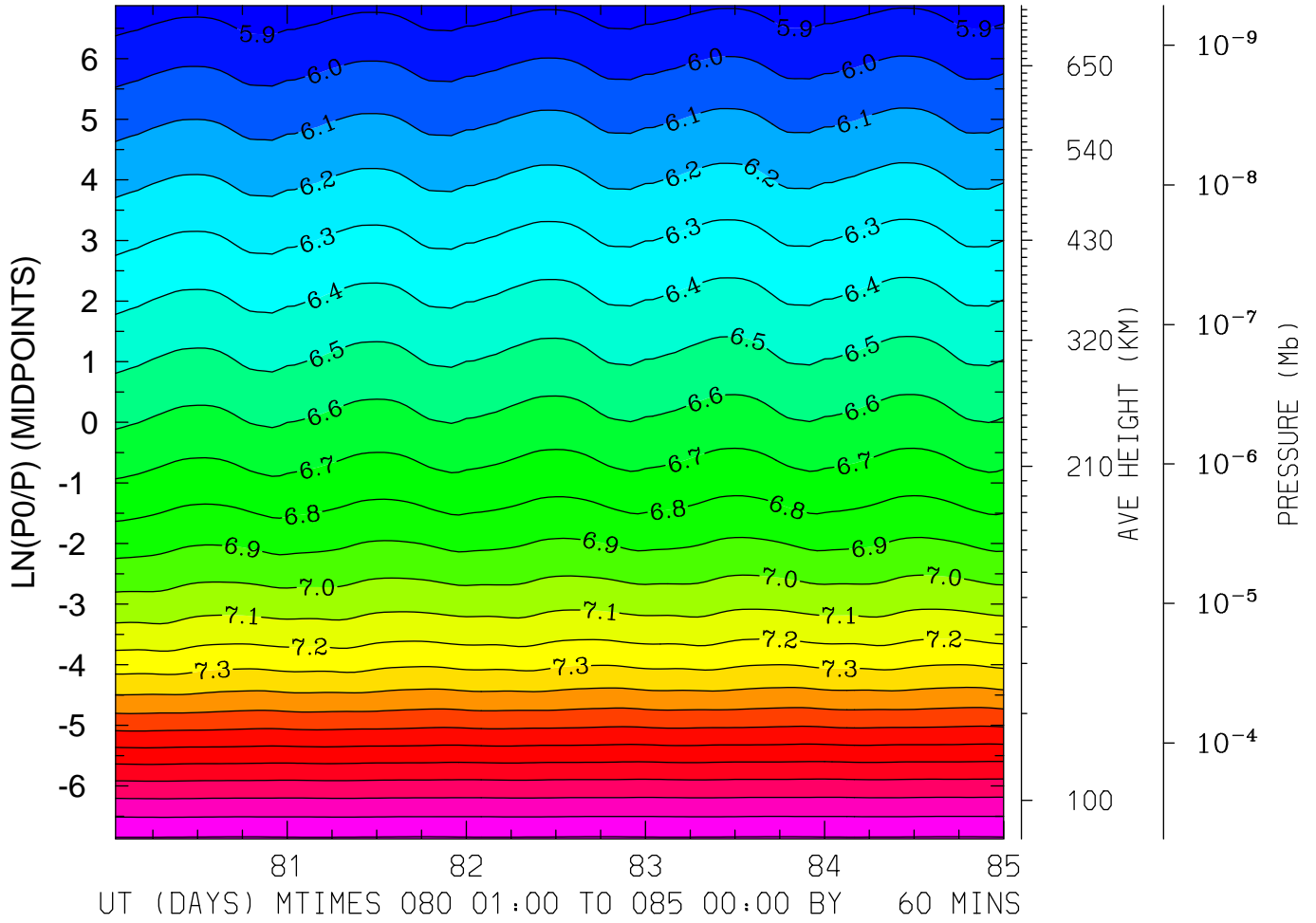
MIN,MAX= 5.7595E+00 8.2077E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
LAT= 58.75 LOCAL TIME=12.00



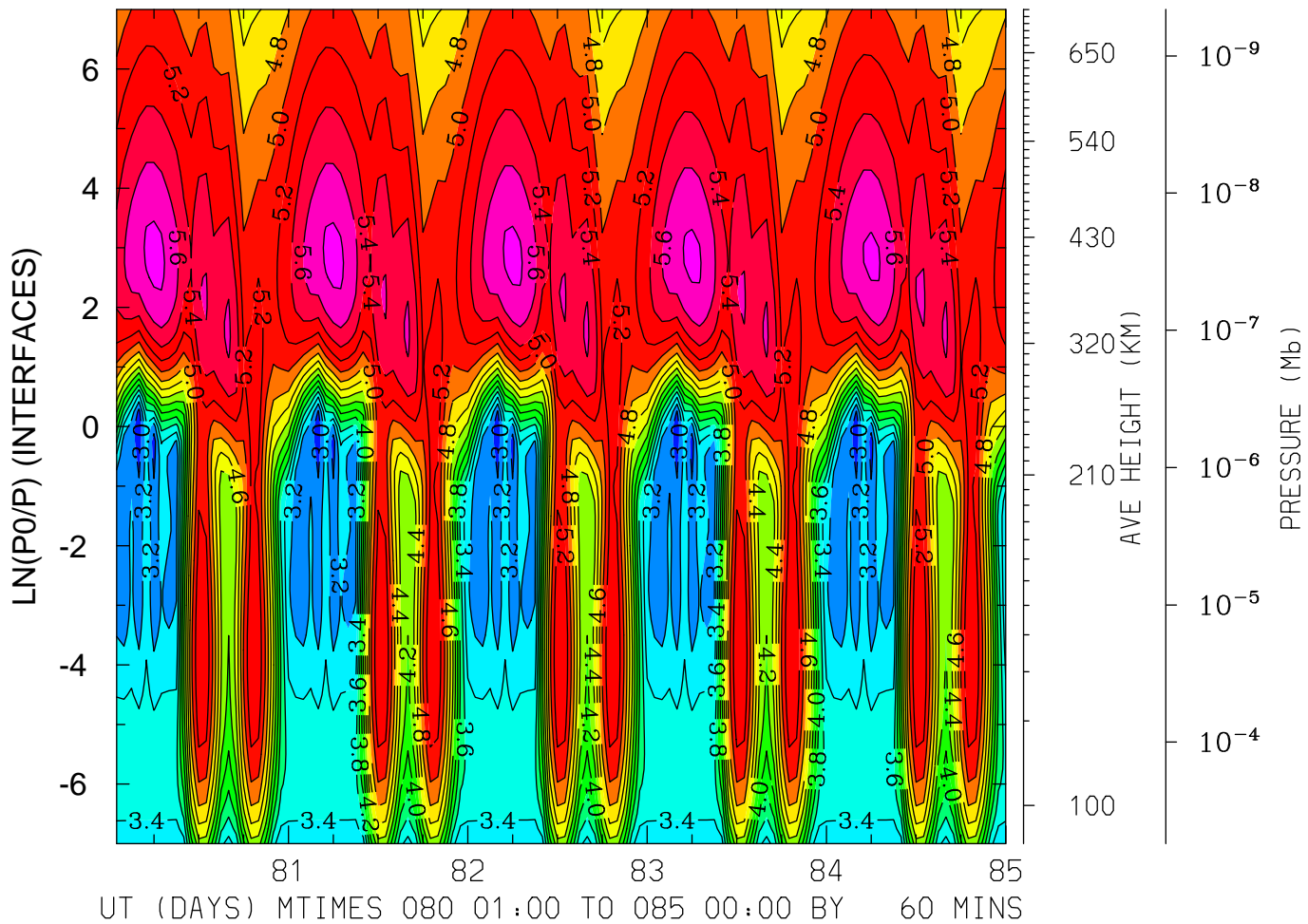
MIN,MAX= 5.7773E+00 8.2156E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
LAT= 58.75 (ZONAL MEANS)



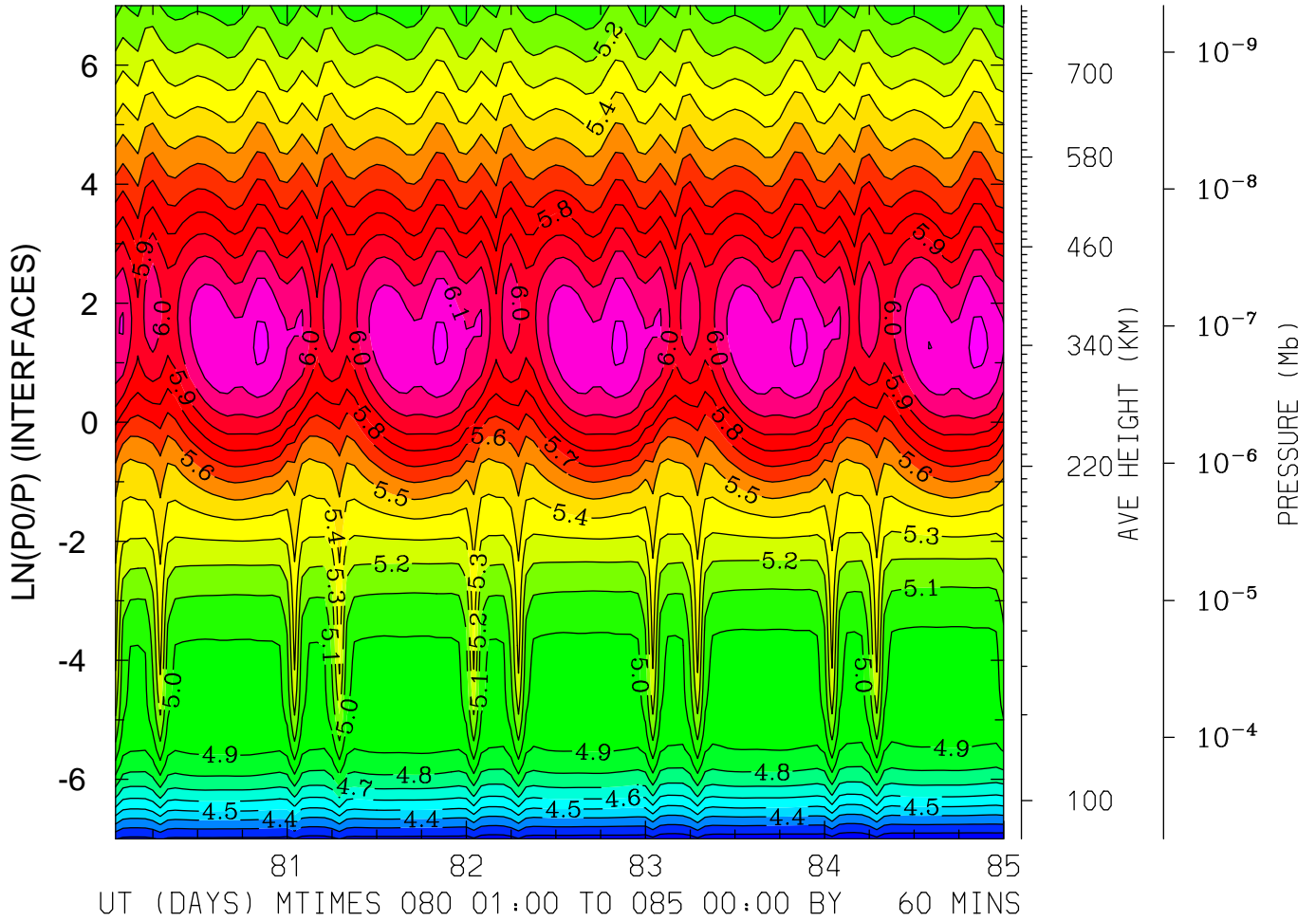
MIN,MAX= 5.8370E+00 8.2111E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
LAT=-61.25 LOCAL TIME= 0.00



MIN,MAX= 2.8533E+00 5.8481E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

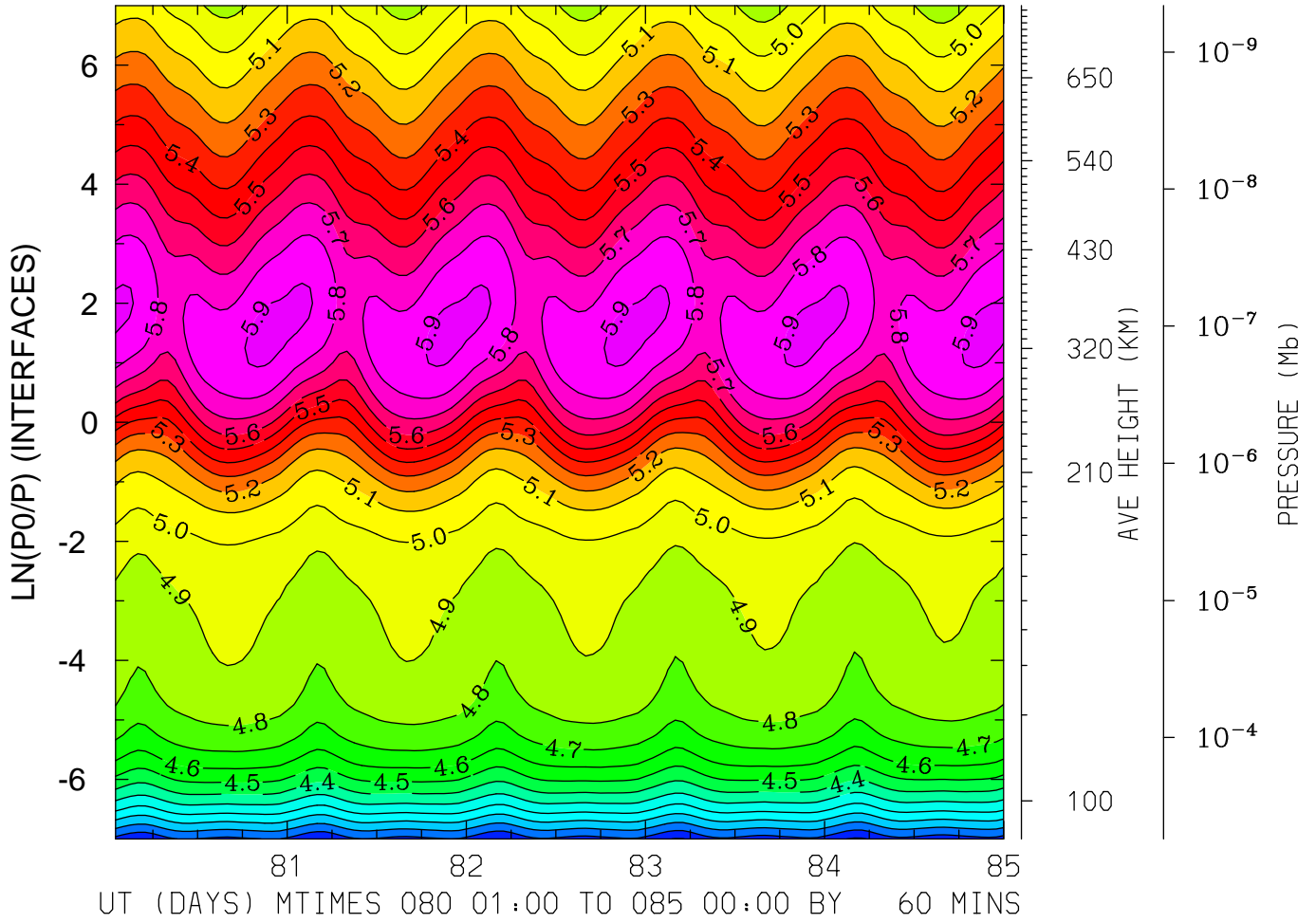
LOG10 ELECTRON DENSITY (CM3)  
LAT=-61.25 LOCAL TIME=12.00



MIN,MAX= 4.1291E+00 6.2239E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

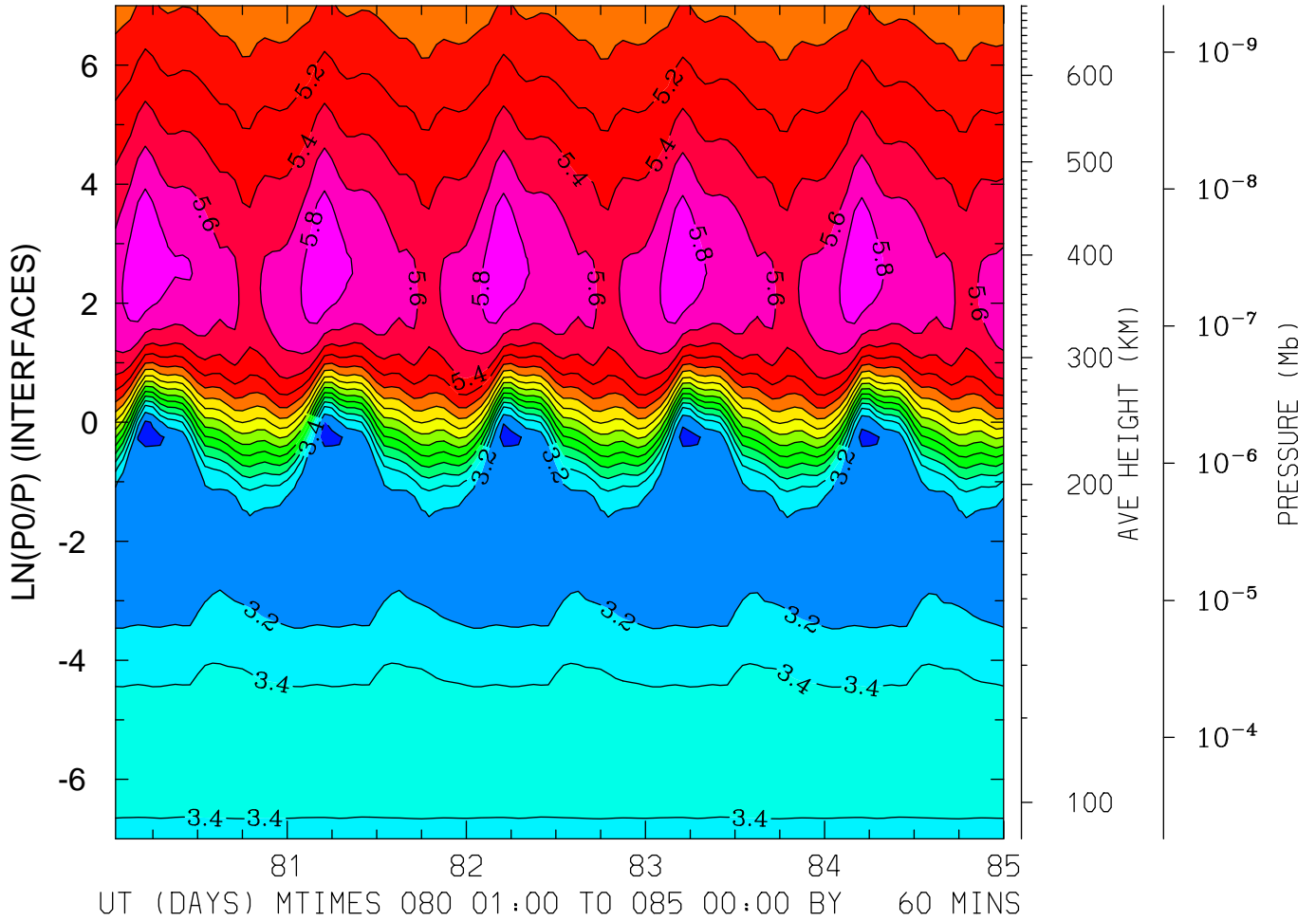


LOG10 ELECTRON DENSITY (CM<sup>3</sup>)  
LAT=-61.25 (ZONAL MEANS)



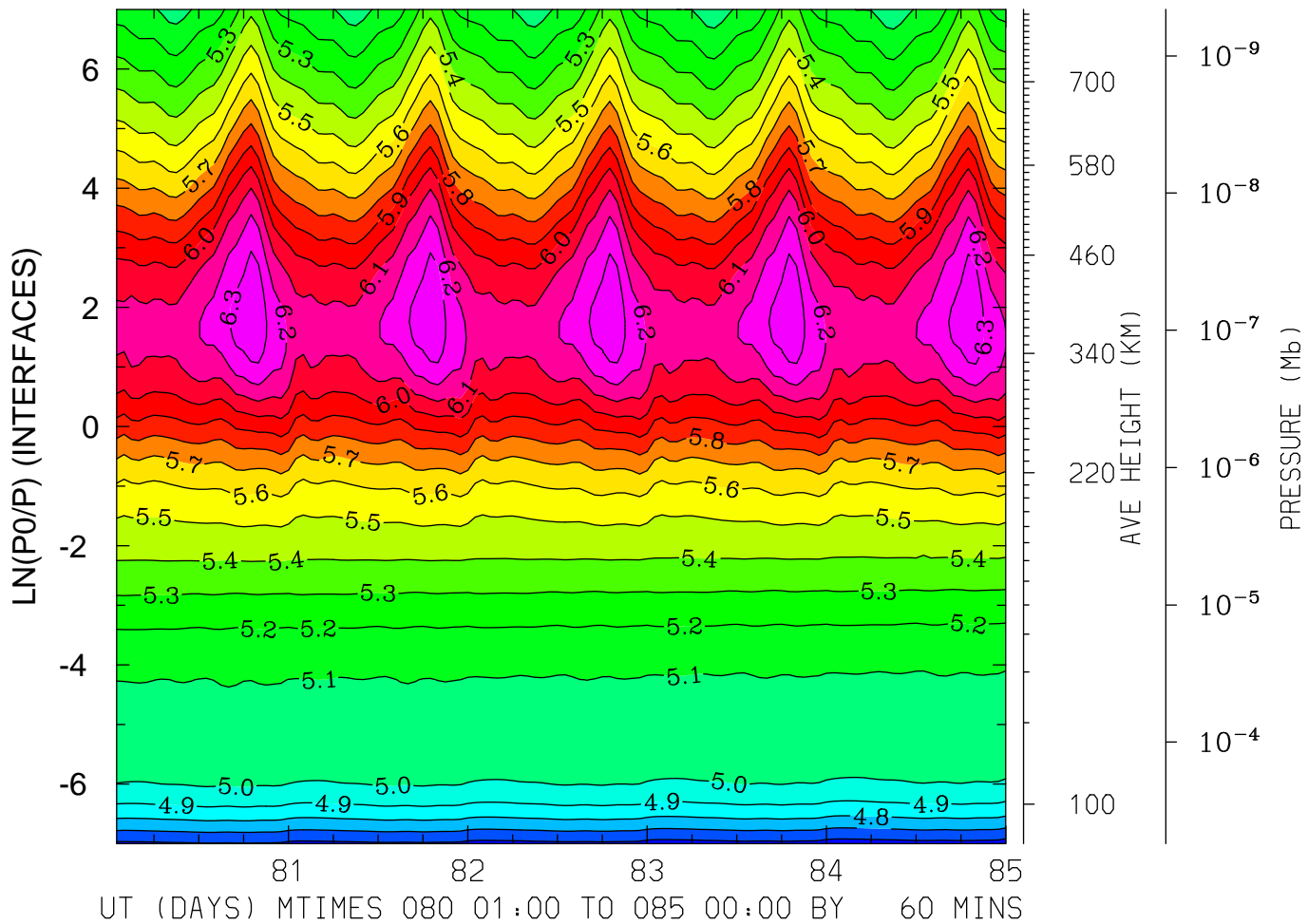
MIN,MAX= 3.7880E+00 5.9277E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
LAT=-41.25 LOCAL TIME= 0.00



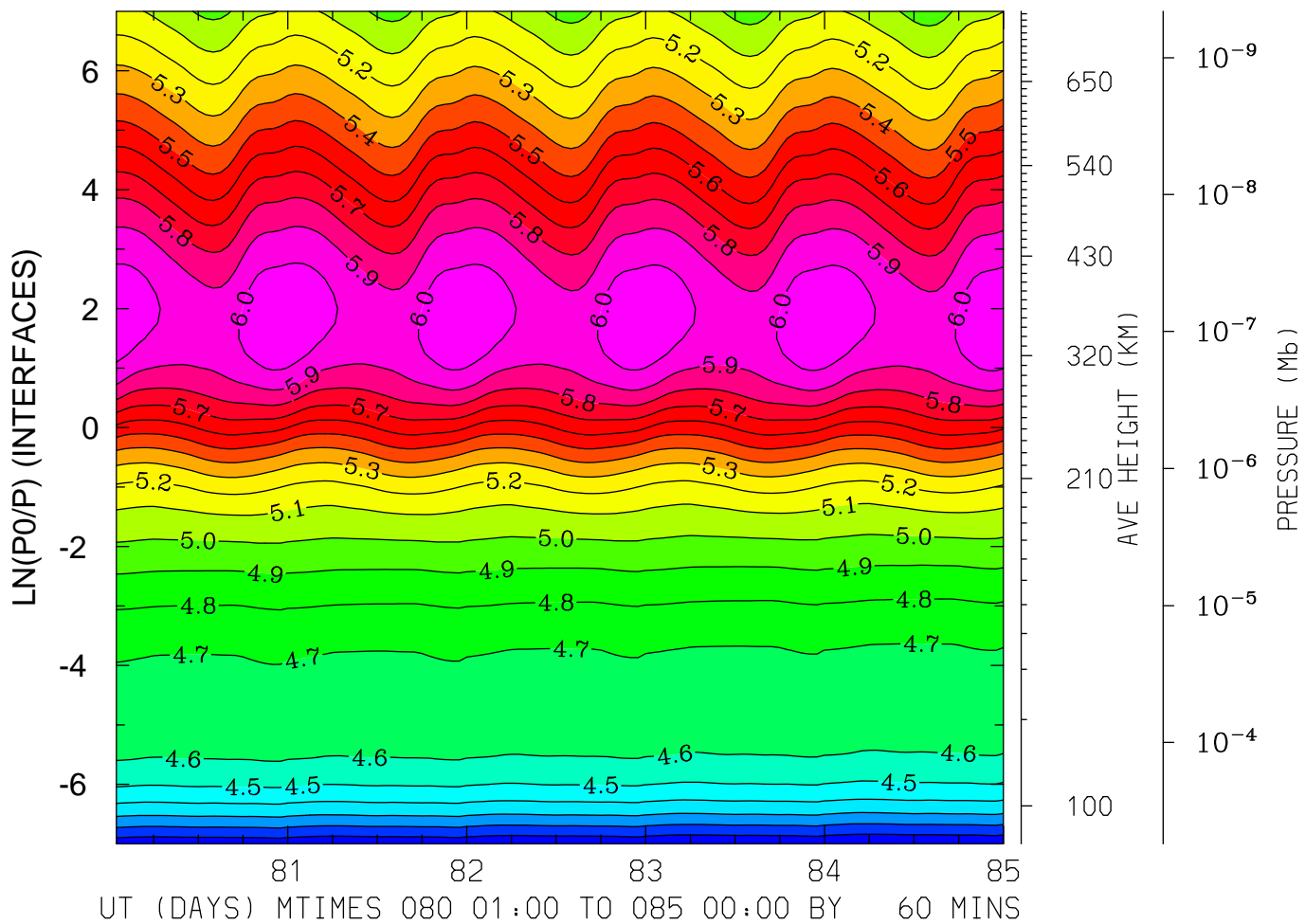
MIN,MAX= 2.9707E+00 5.9585E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
LAT=-41.25 LOCAL TIME=12.00



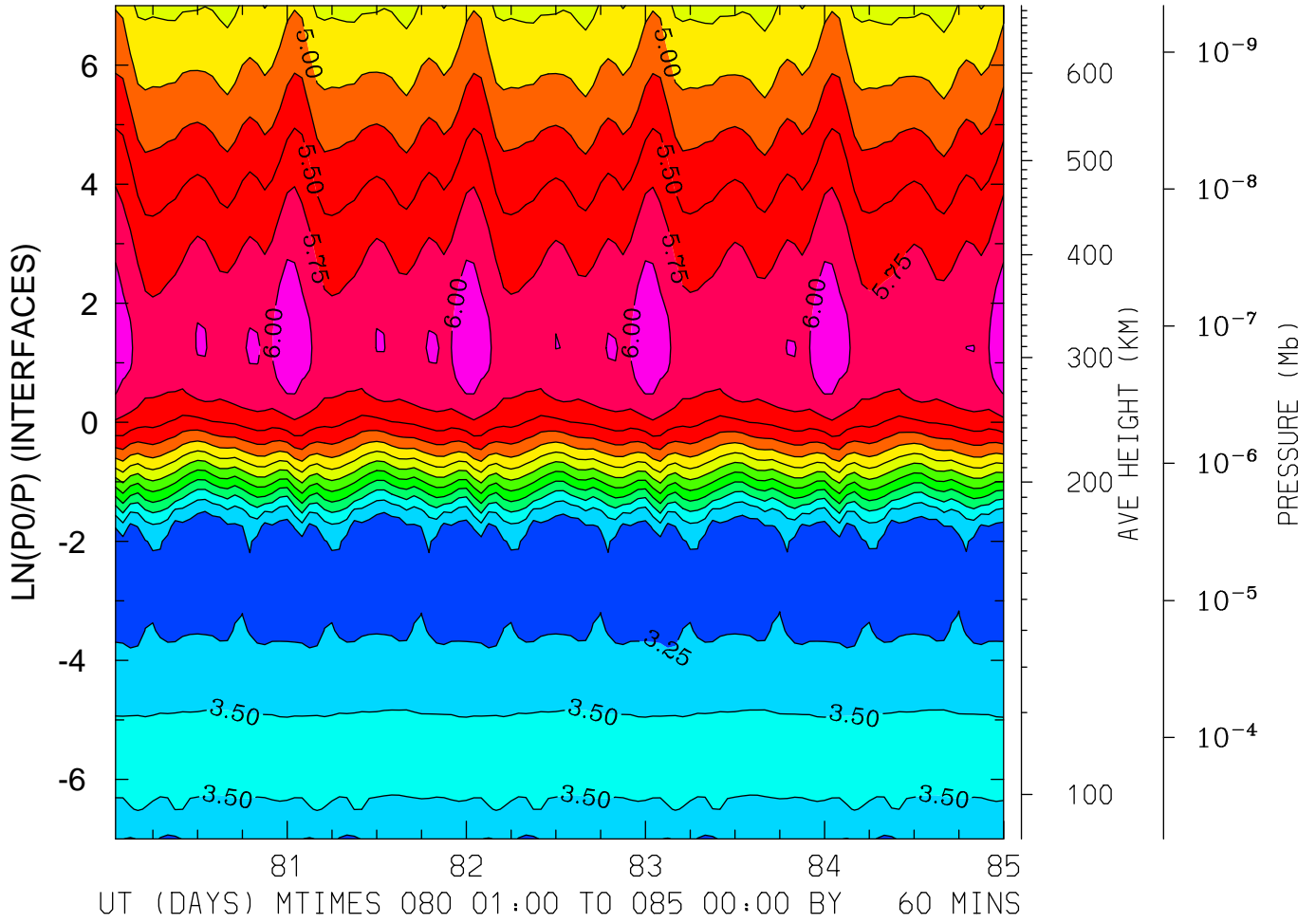
MIN,MAX= 4.5544E+00 6.3817E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
LAT=-41.25 (ZONAL MEANS)



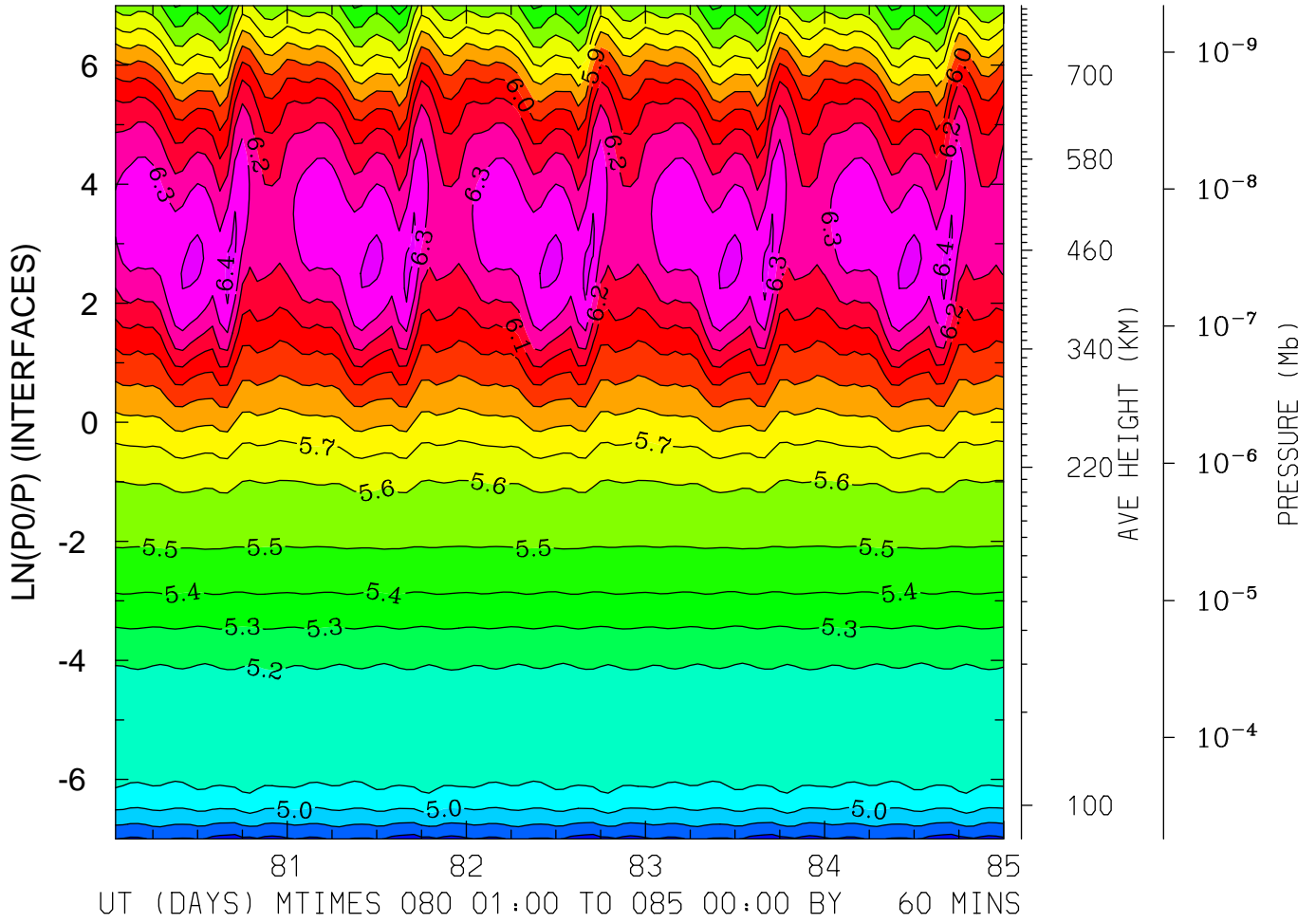
MIN,MAX= 4.0039E+00 6.0805E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
LAT= -1.25 LOCAL TIME= 0.00



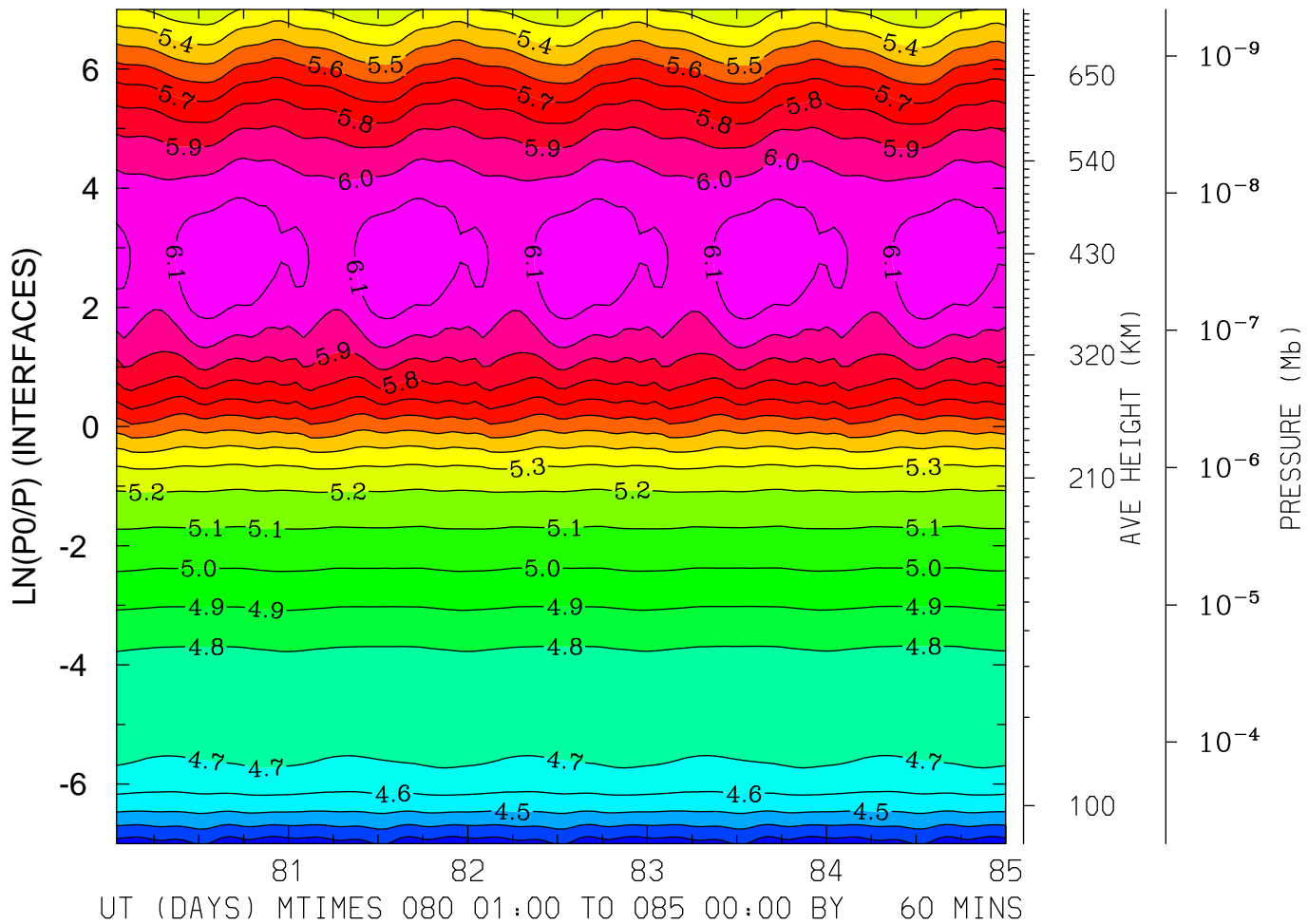
MIN,MAX= 3.1037E+00 6.1709E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
LAT= -1.25 LOCAL TIME=12.00



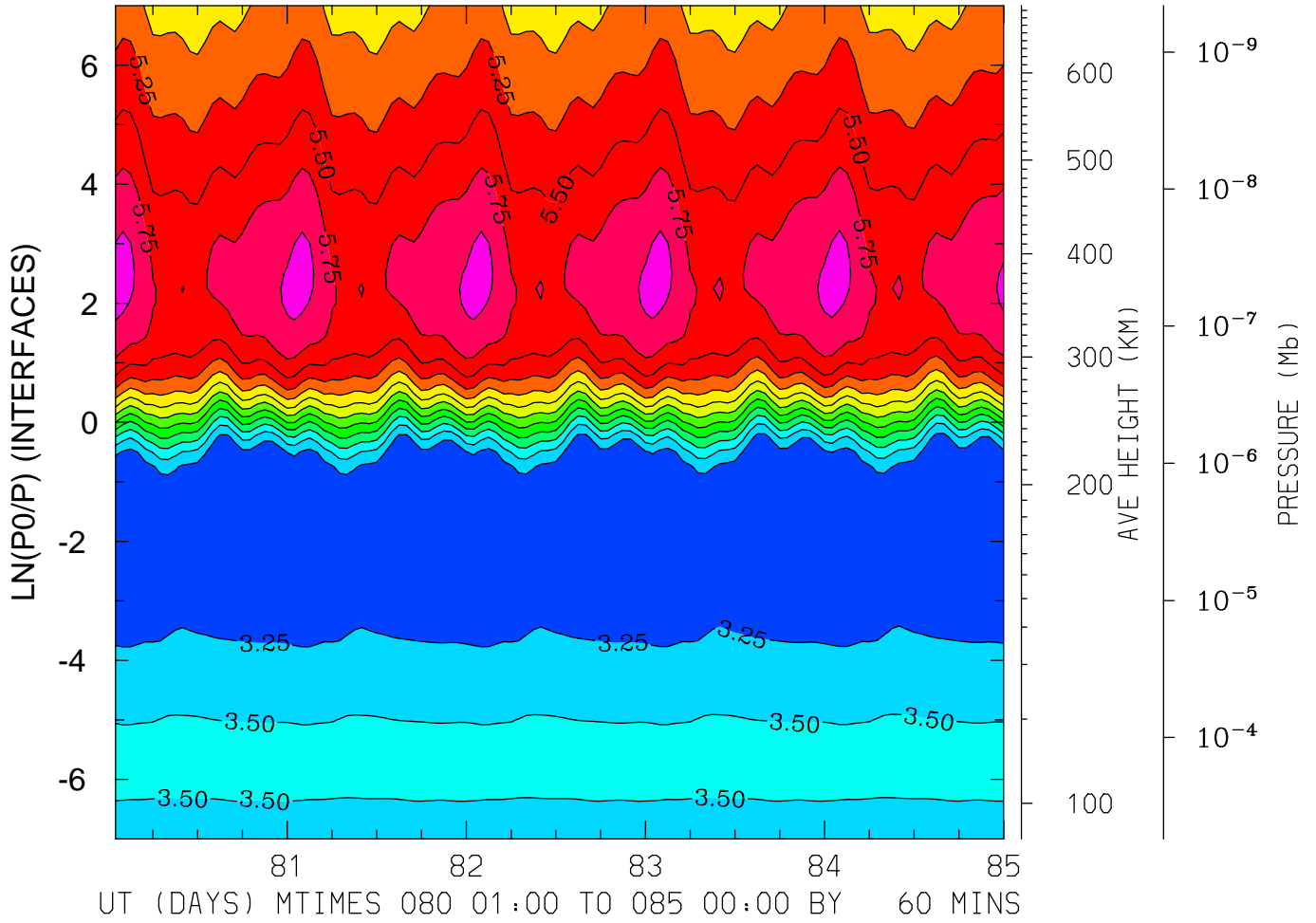
MIN,MAX= 4.7602E+00 6.4213E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
LAT= -1.25 (ZONAL MEANS)



MIN,MAX= 4.2359E+00 6.1712E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

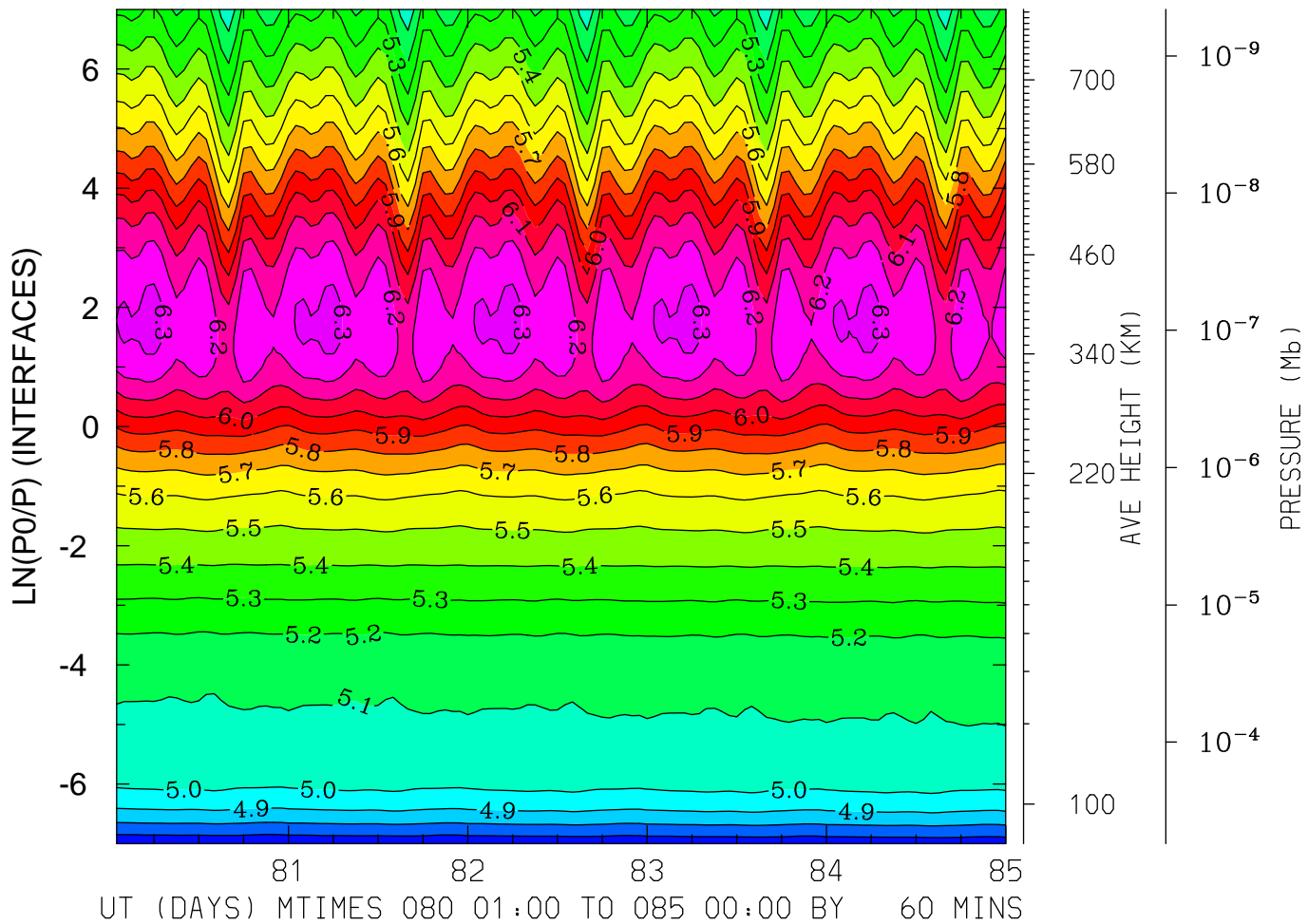
LOG10 ELECTRON DENSITY (CM3)  
LAT= 38.75 LOCAL TIME= 0.00



MIN,MAX= 3.0265E+00 6.0573E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

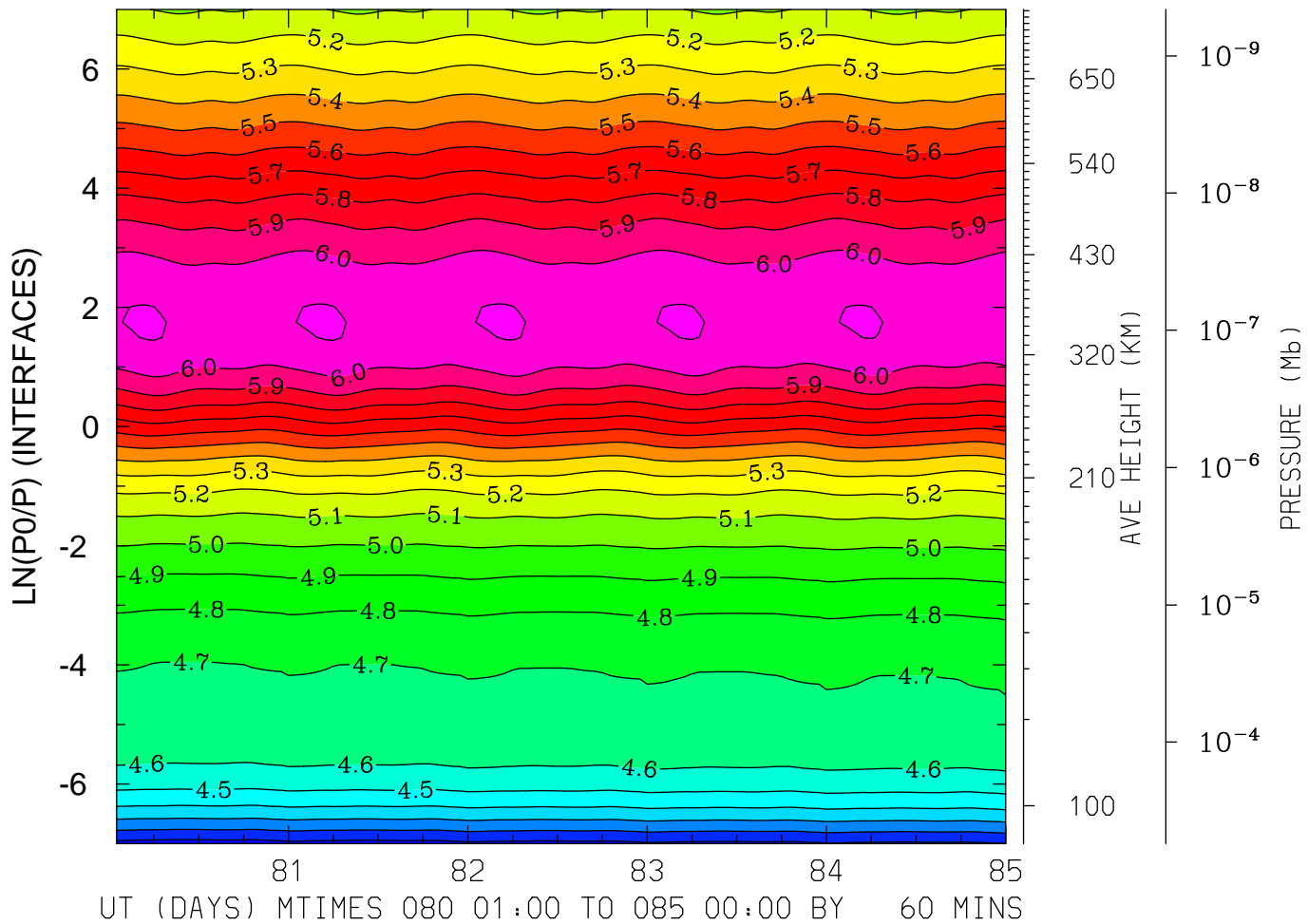


LOG10 ELECTRON DENSITY (CM3)  
LAT= 38.75 LOCAL TIME=12.00



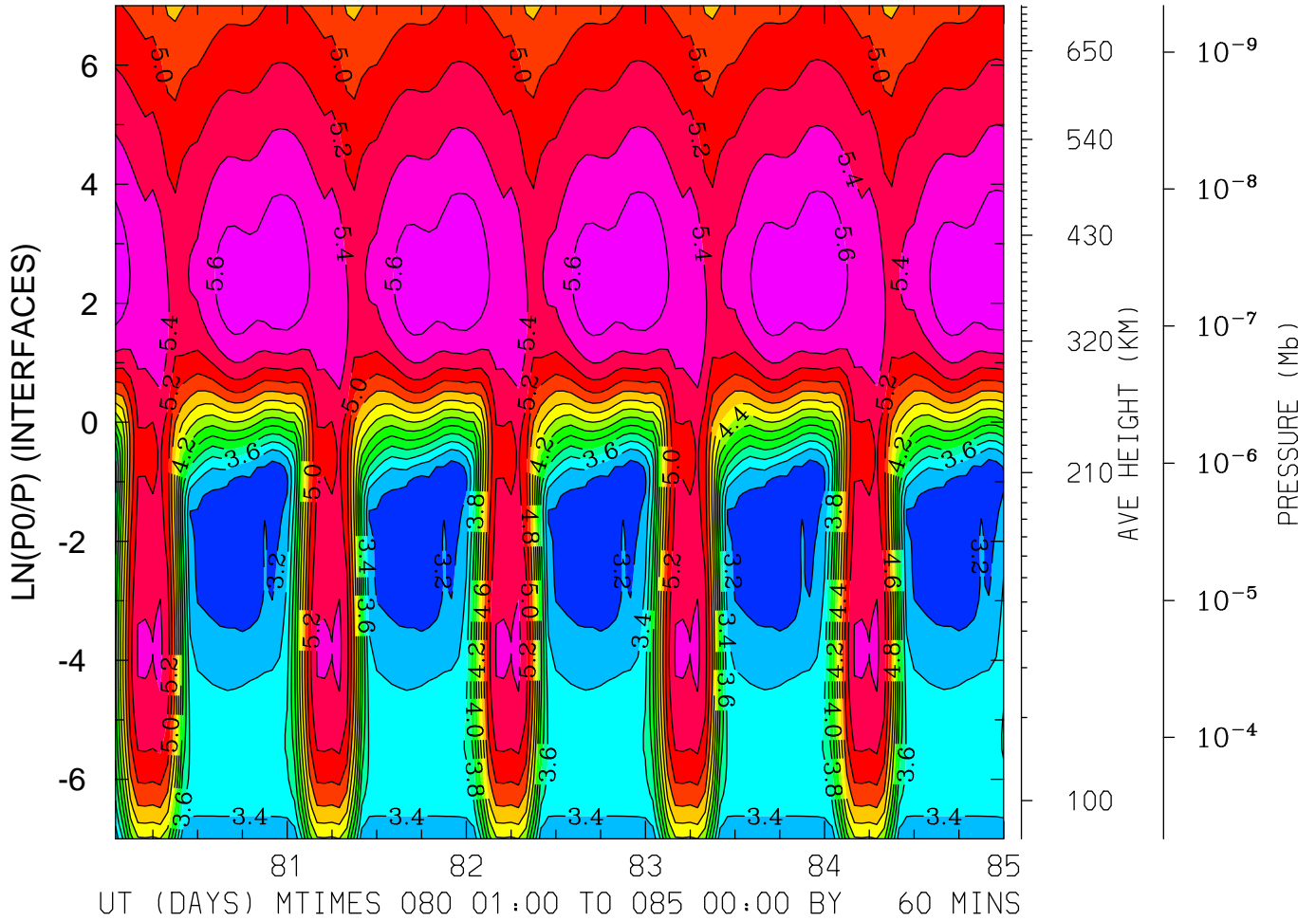
MIN,MAX= 4.6181E+00 6.3369E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
LAT= 38.75 (ZONAL MEANS)



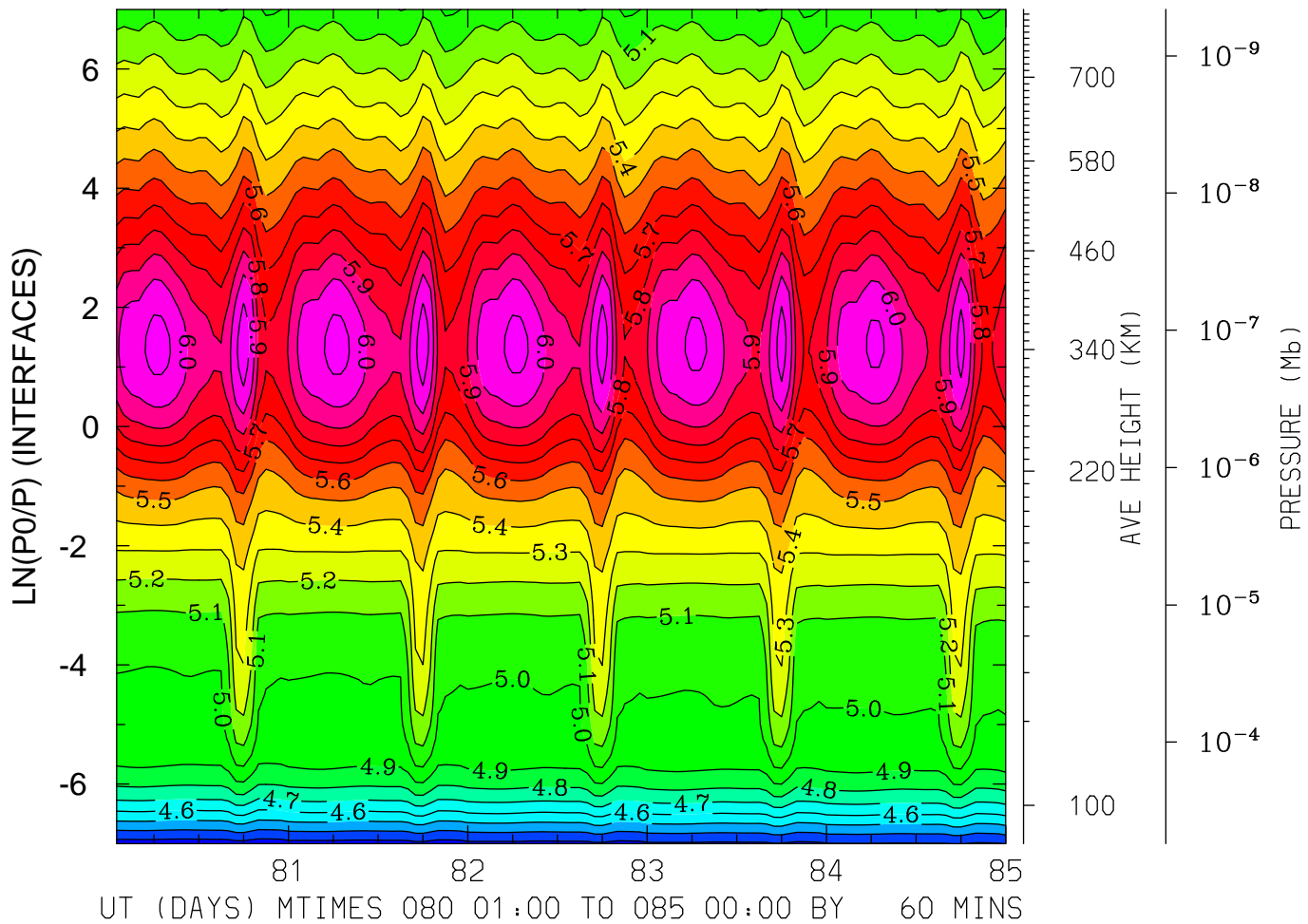
MIN,MAX= 4.0608E+00 6.1107E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
LAT= 58.75 LOCAL TIME= 0.00



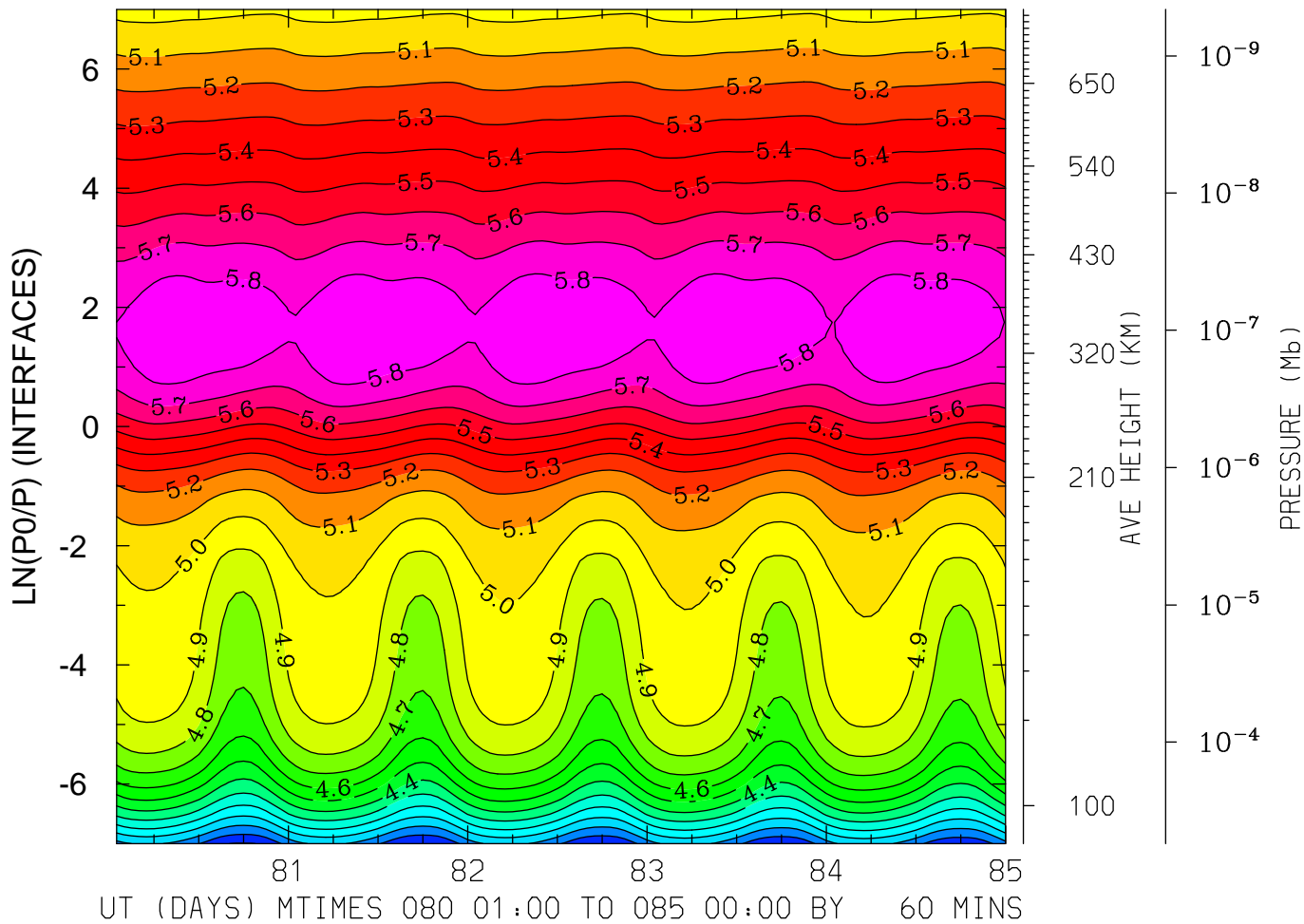
MIN,MAX= 3.0739E+00 5.7613E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
LAT= 58.75 LOCAL TIME=12.00



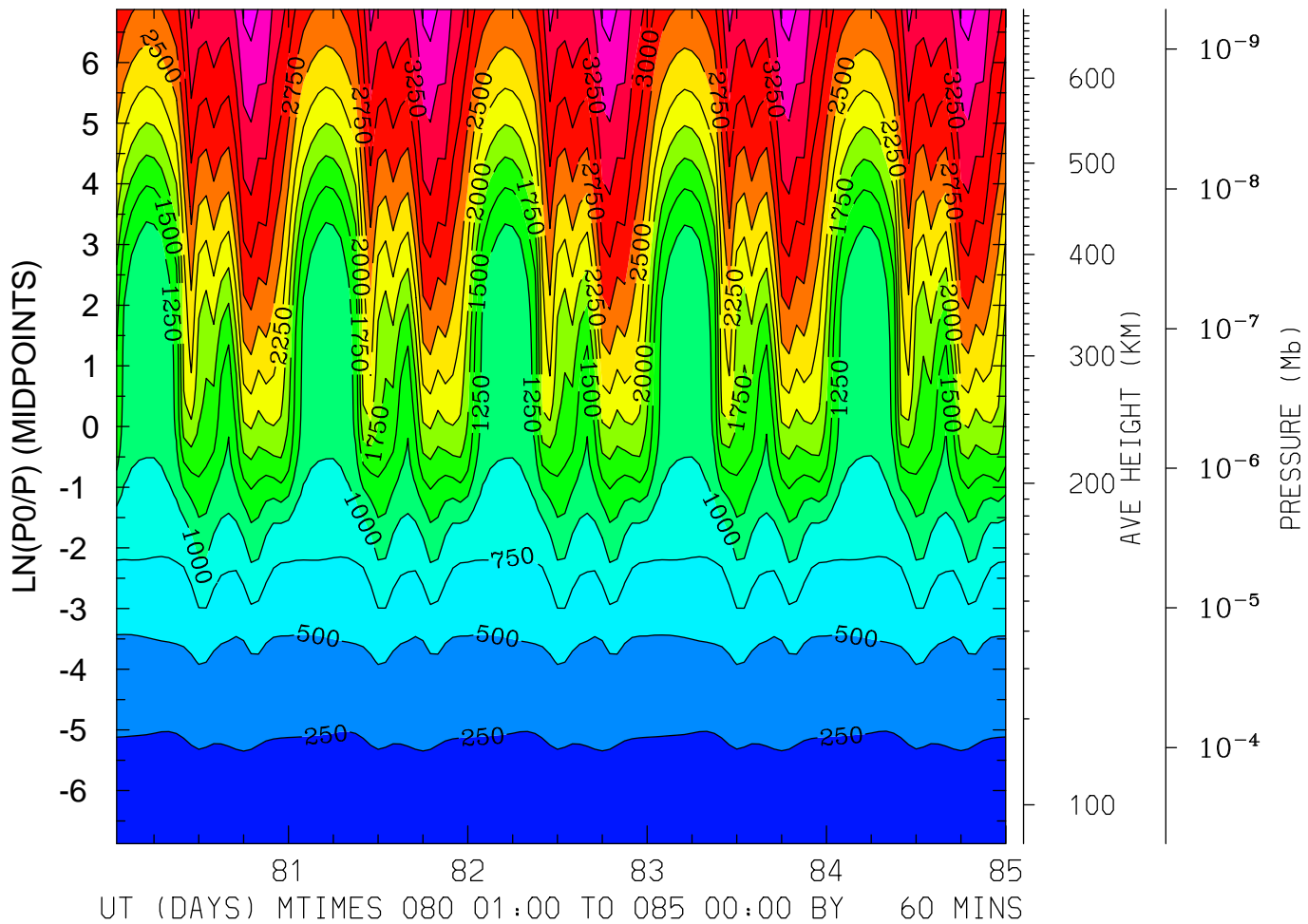
MIN,MAX= 4.2481E+00 6.1570E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM<sup>3</sup>)  
LAT= 58.75 (ZONAL MEANS)



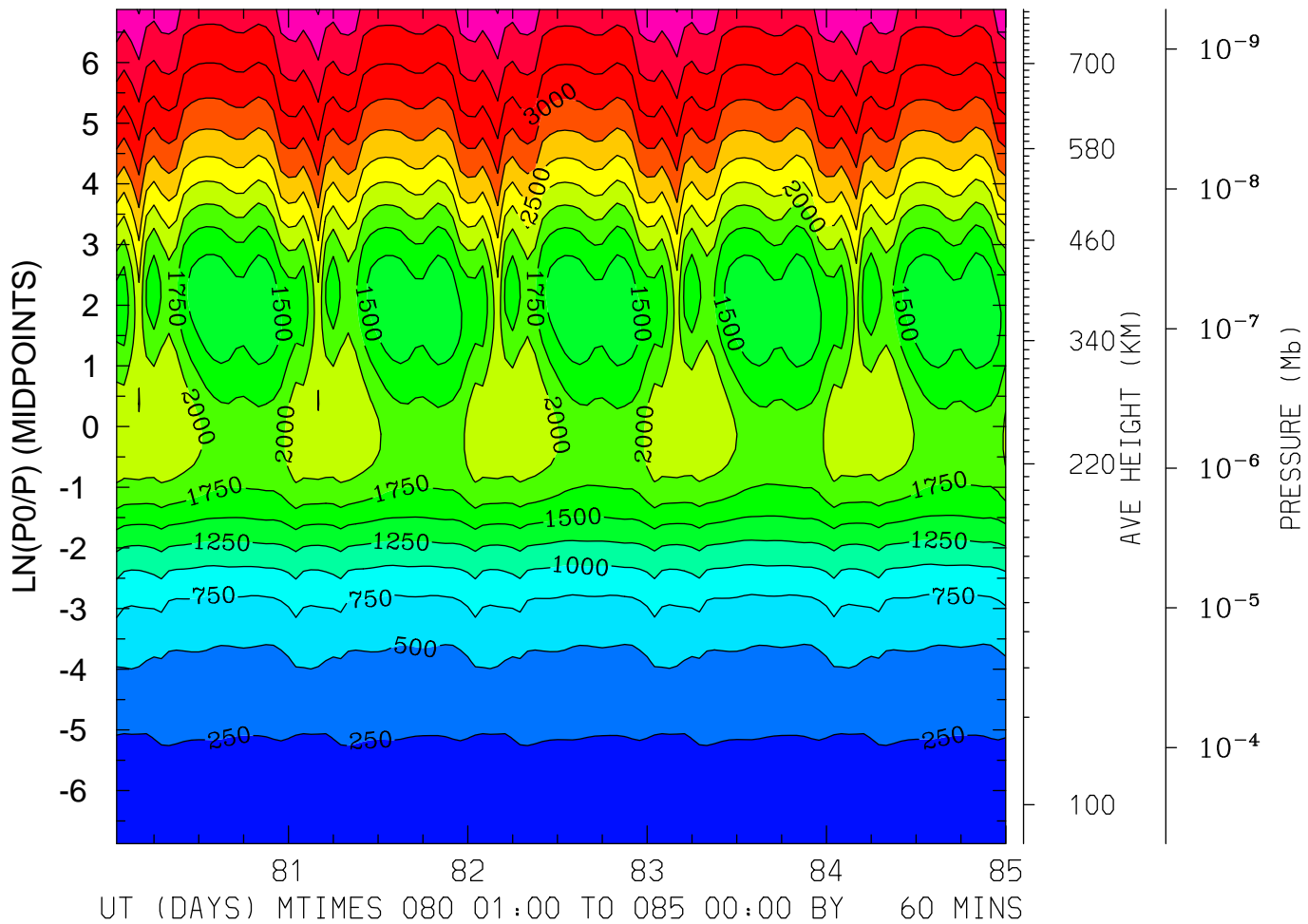
MIN,MAX= 3.7931E+00 5.8874E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
LAT=-61.25 LOCAL TIME= 0.00



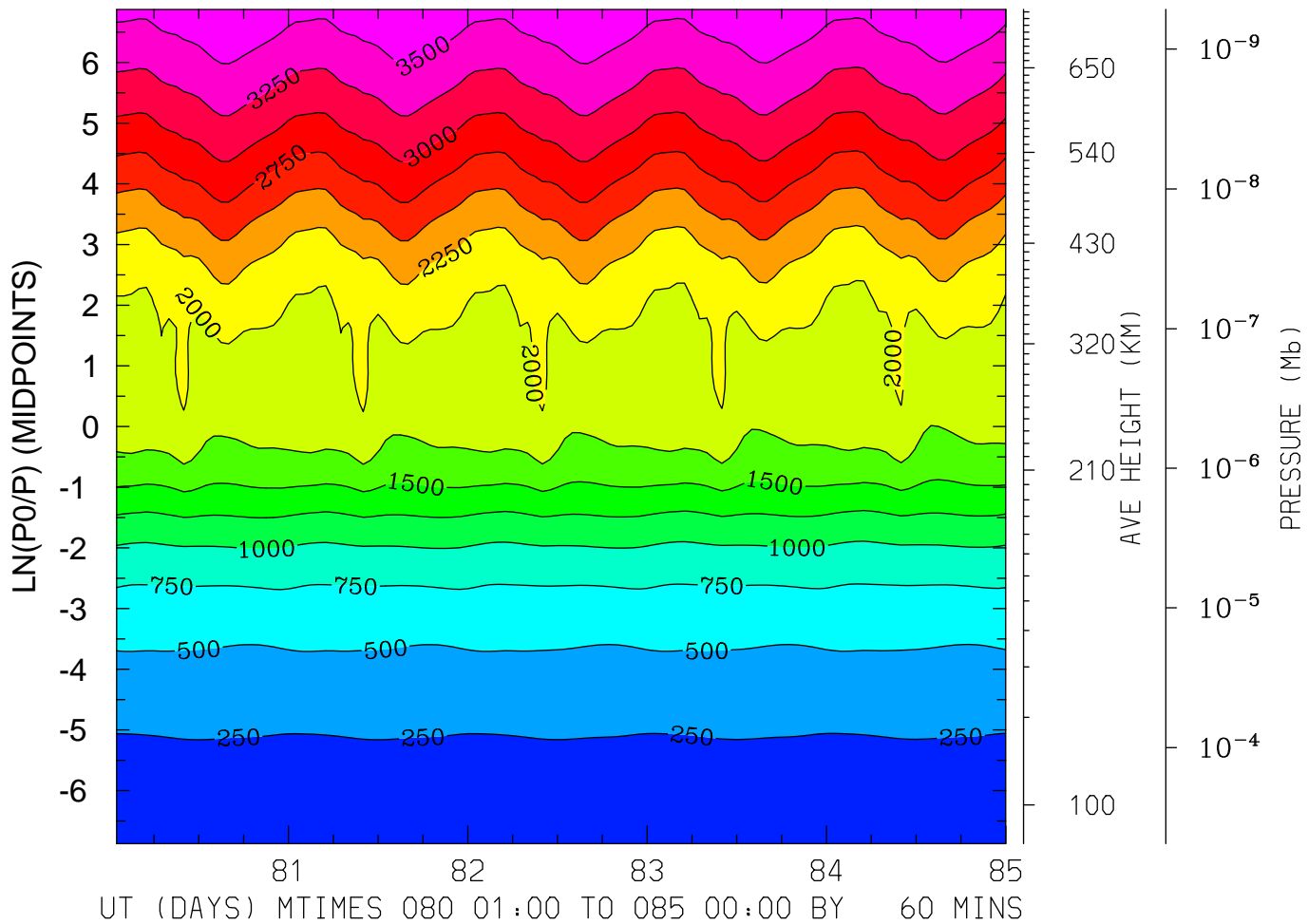
MIN,MAX= 1.6486E+02 3.8480E+03 INTERVAL= 2.5000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
LAT=-61.25 LOCAL TIME=12.00



MIN,MAX= 1.6250E+02 4.0272E+03 INTERVAL= 2.5000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

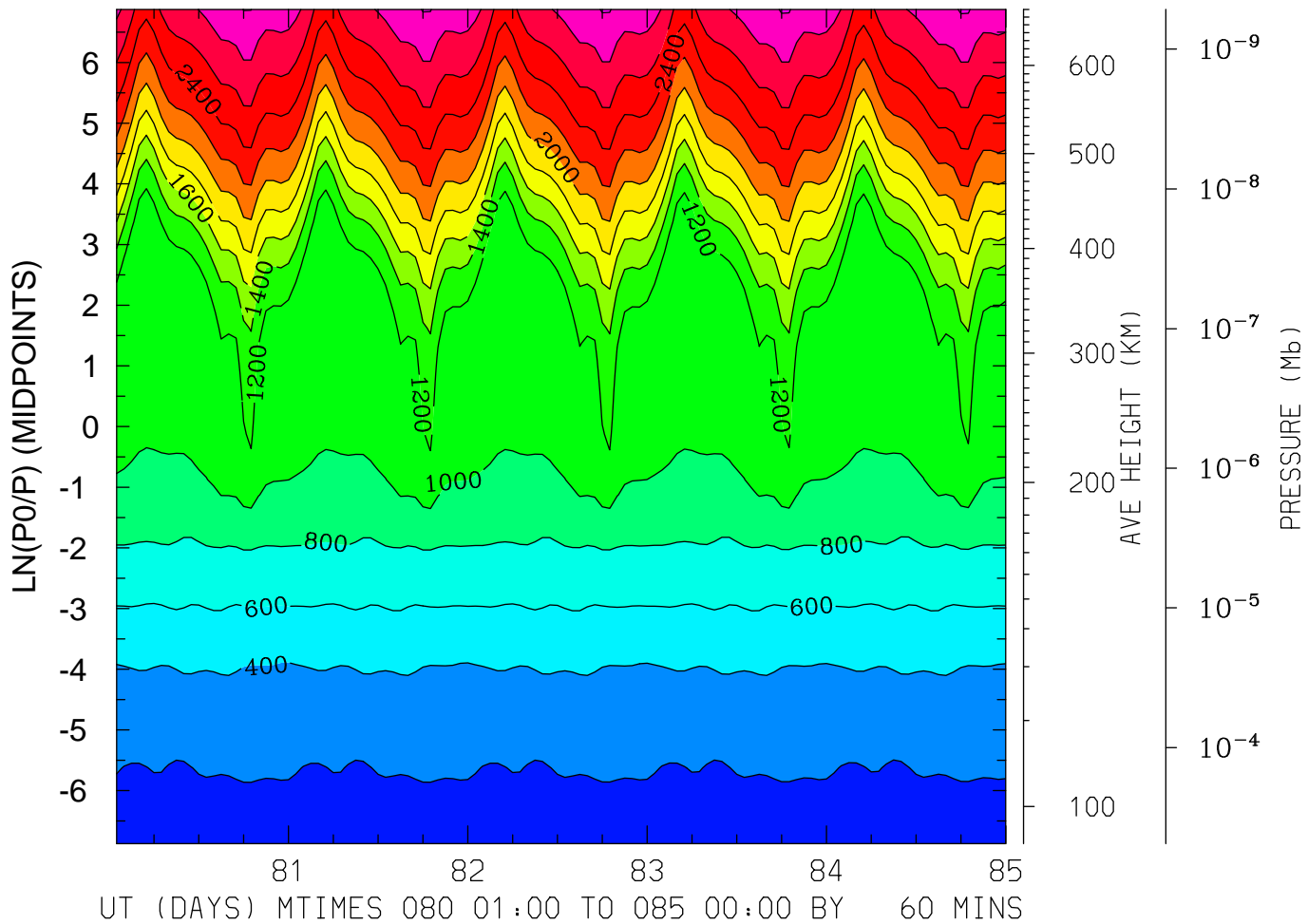
ELECTRON TEMPERATURE (DEG K)  
LAT=-61.25 (ZONAL MEANS)



MIN,MAX= 1.6537E+02 3.7426E+03 INTERVAL= 2.5000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

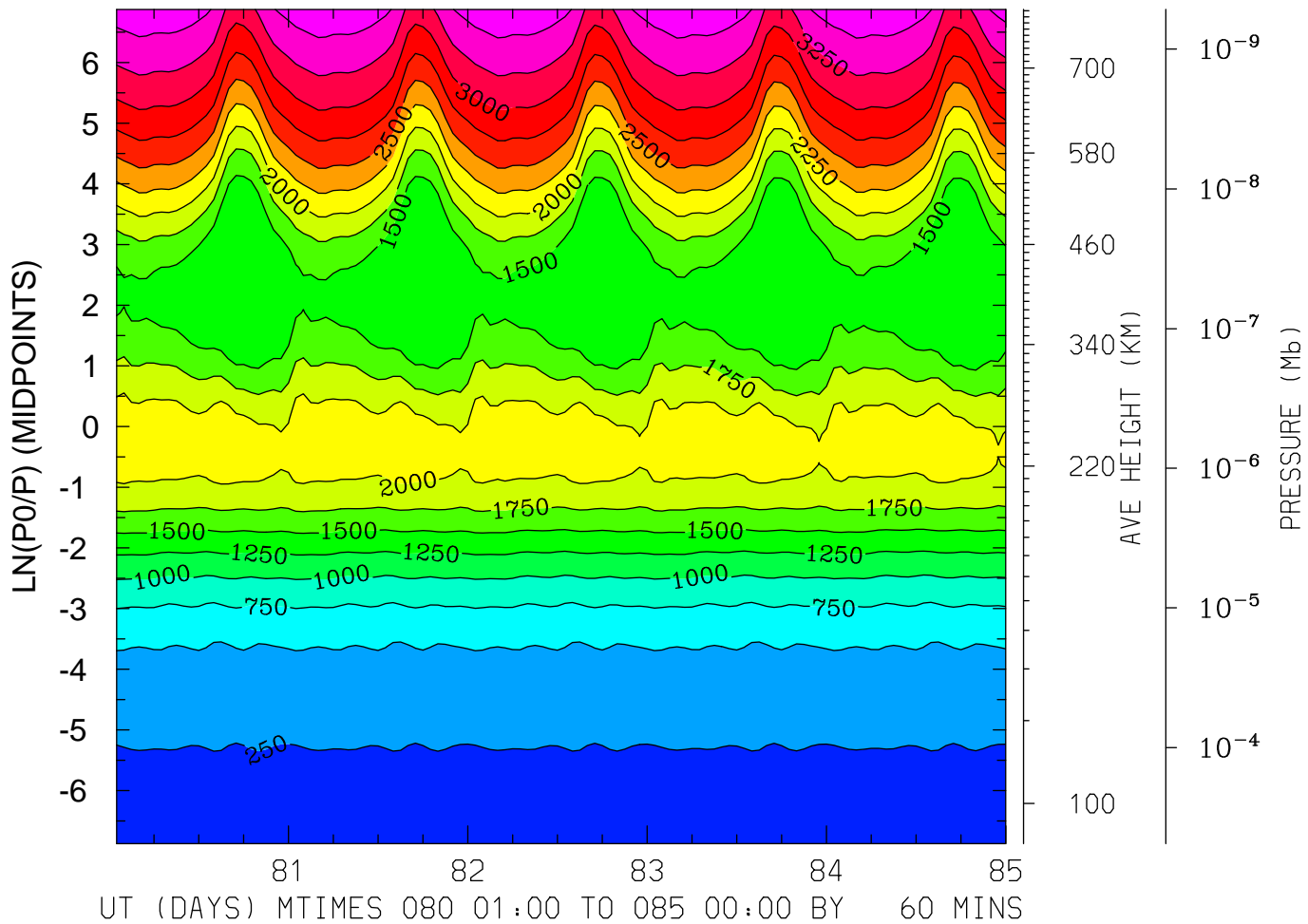


ELECTRON TEMPERATURE (DEG K)  
LAT=-41.25 LOCAL TIME= 0.00



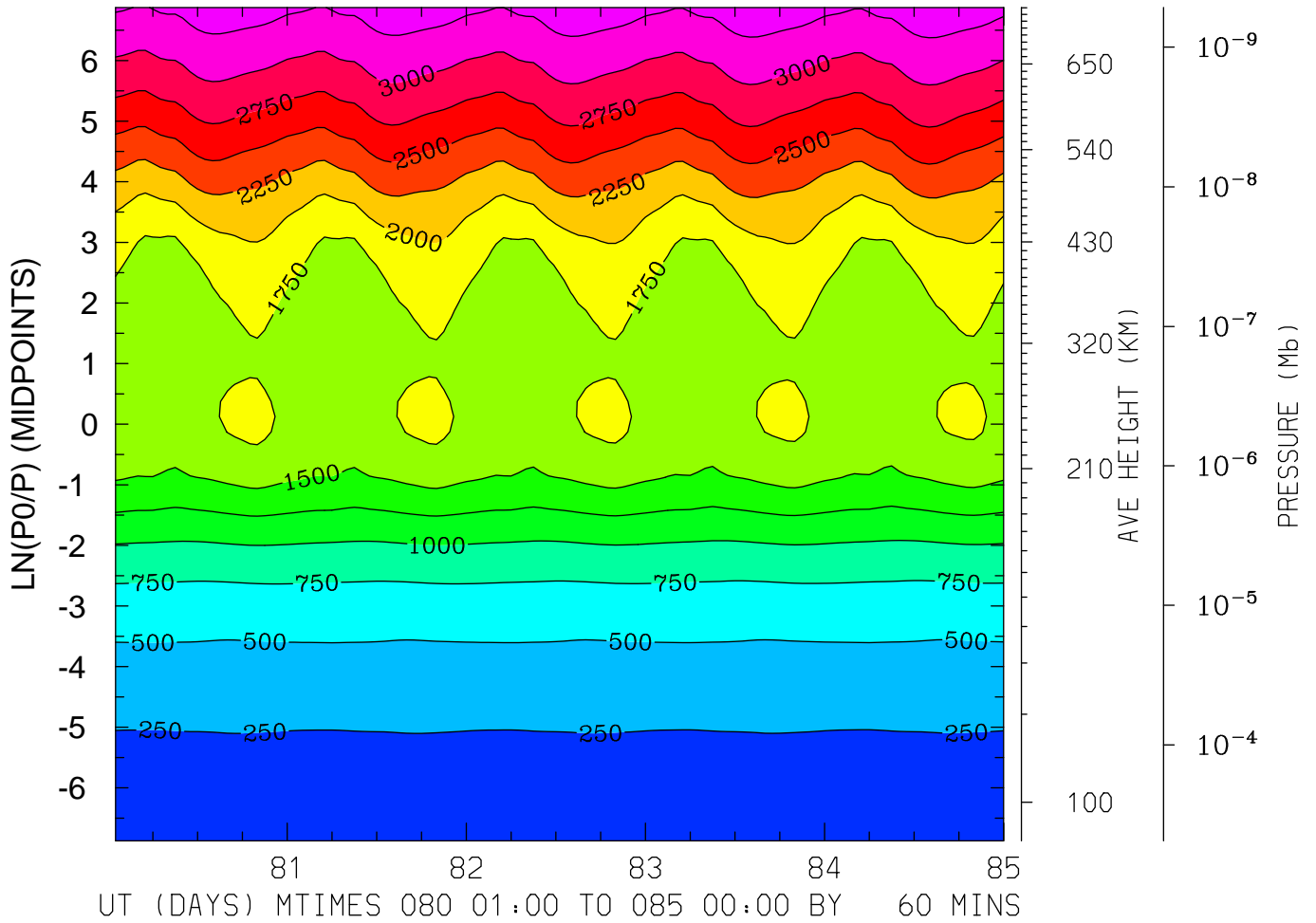
MIN,MAX= 1.7027E+02 3.0171E+03 INTERVAL= 2.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
LAT=-41.25 LOCAL TIME=12.00



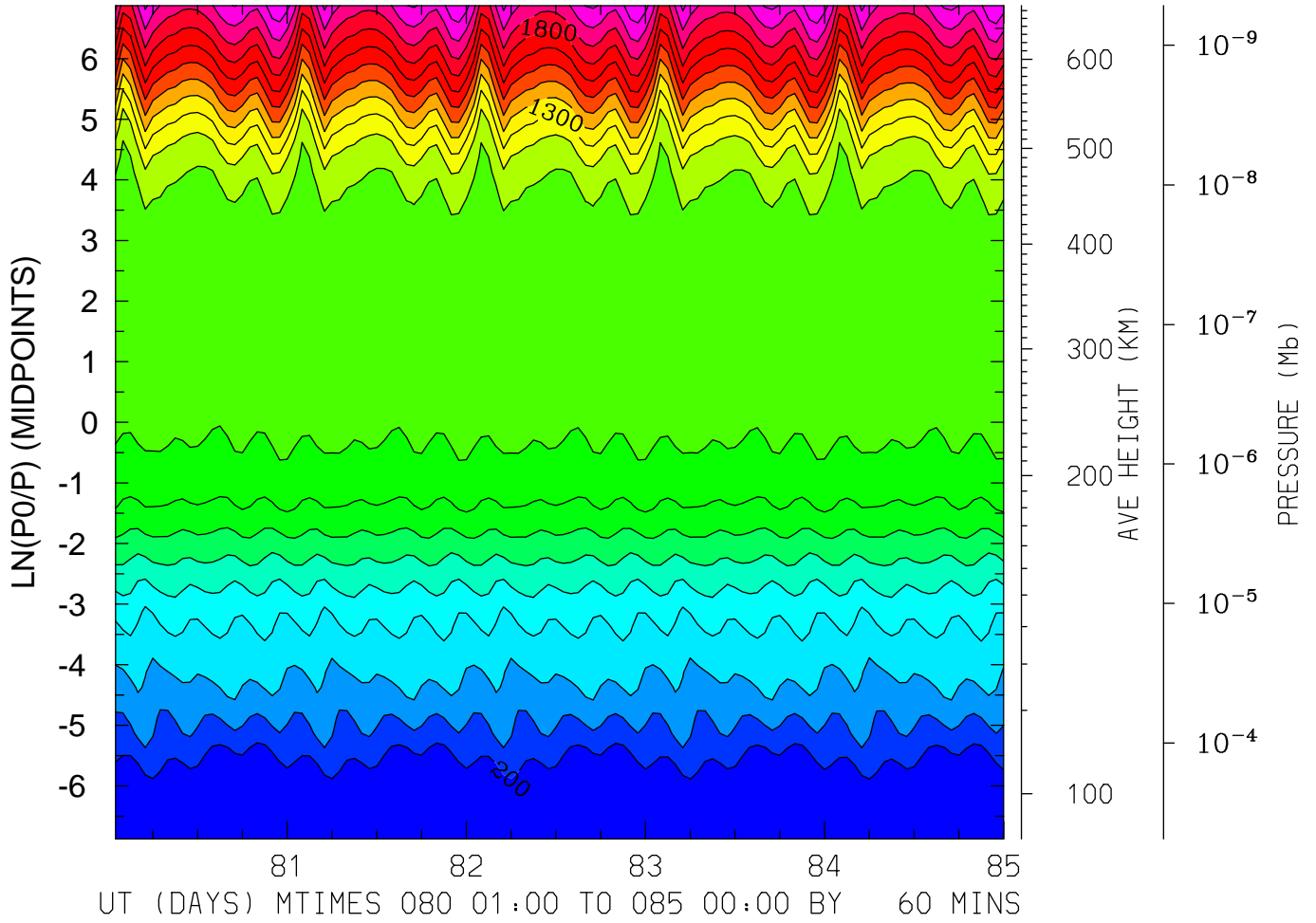
MIN,MAX= 1.6080E+02 3.6818E+03 INTERVAL= 2.5000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
LAT=-41.25 (ZONAL MEANS)



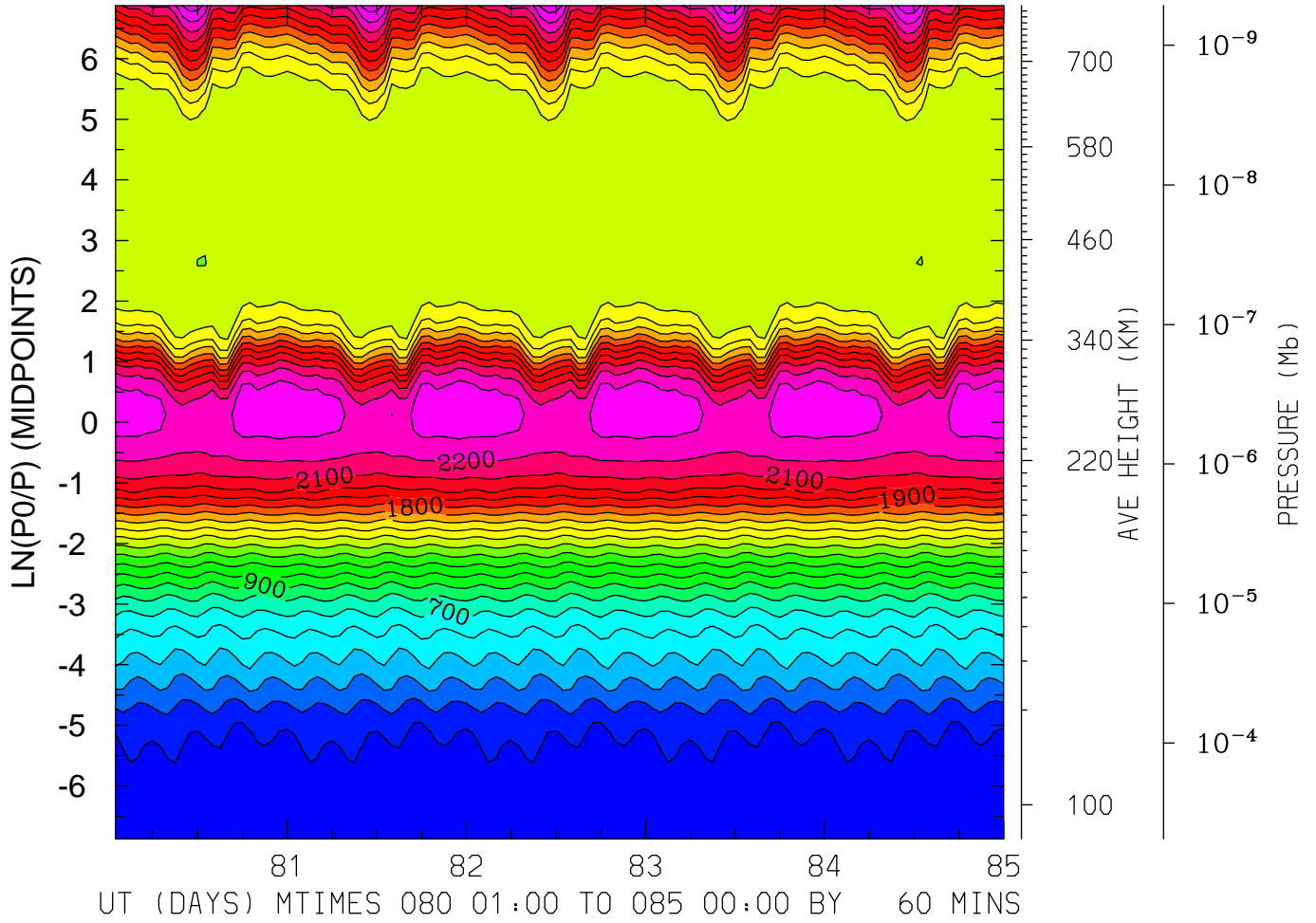
MIN,MAX= 1.6566E+02 3.4009E+03 INTERVAL= 2.5000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
LAT= -1.25 LOCAL TIME= 0.00



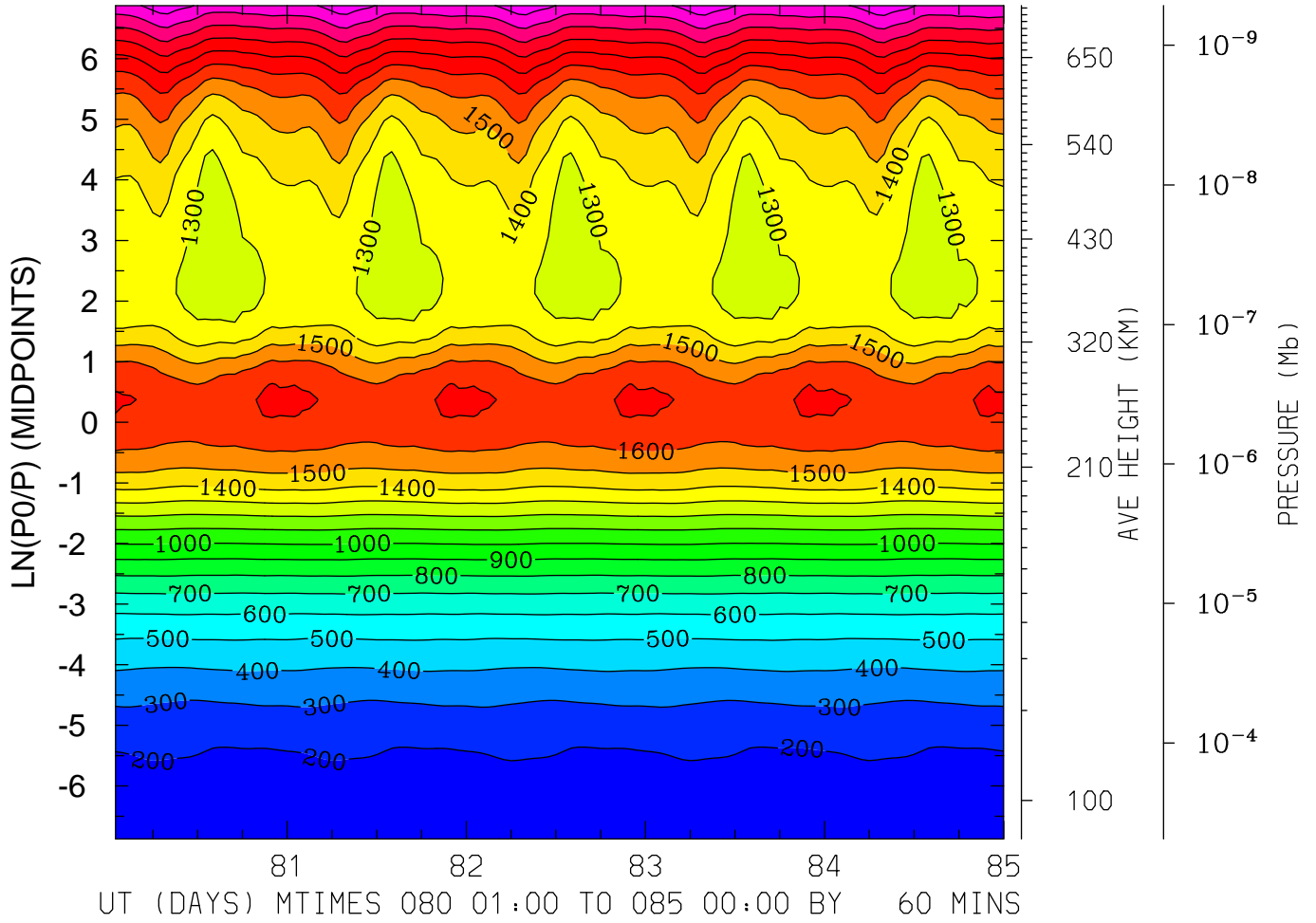
MIN,MAX= 1.2944E+02 2.1940E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
LAT= -1.25 LOCAL TIME=12.00



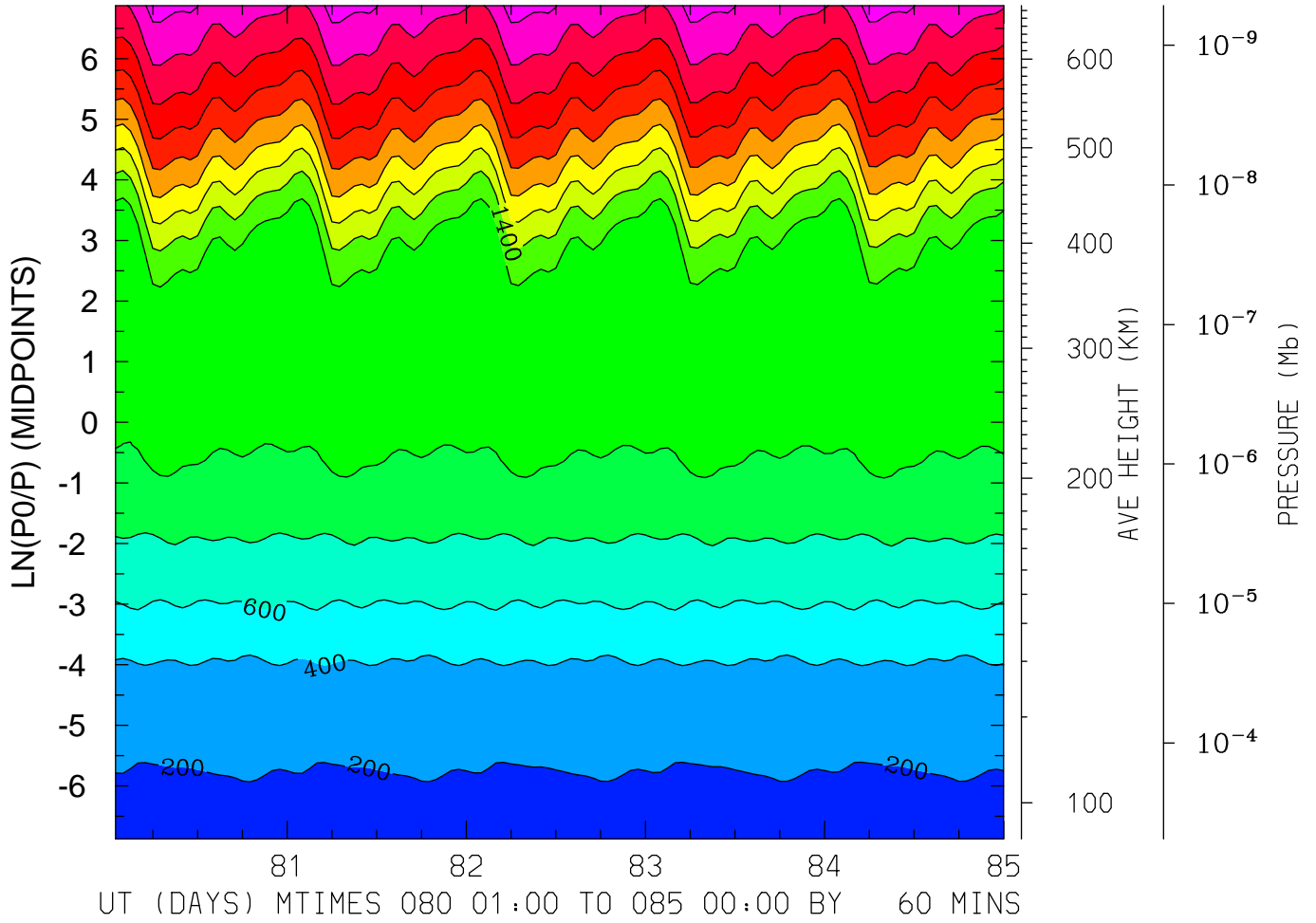
MIN,MAX= 1.5706E+02 2.4796E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
LAT= -1.25 (ZONAL MEANS)



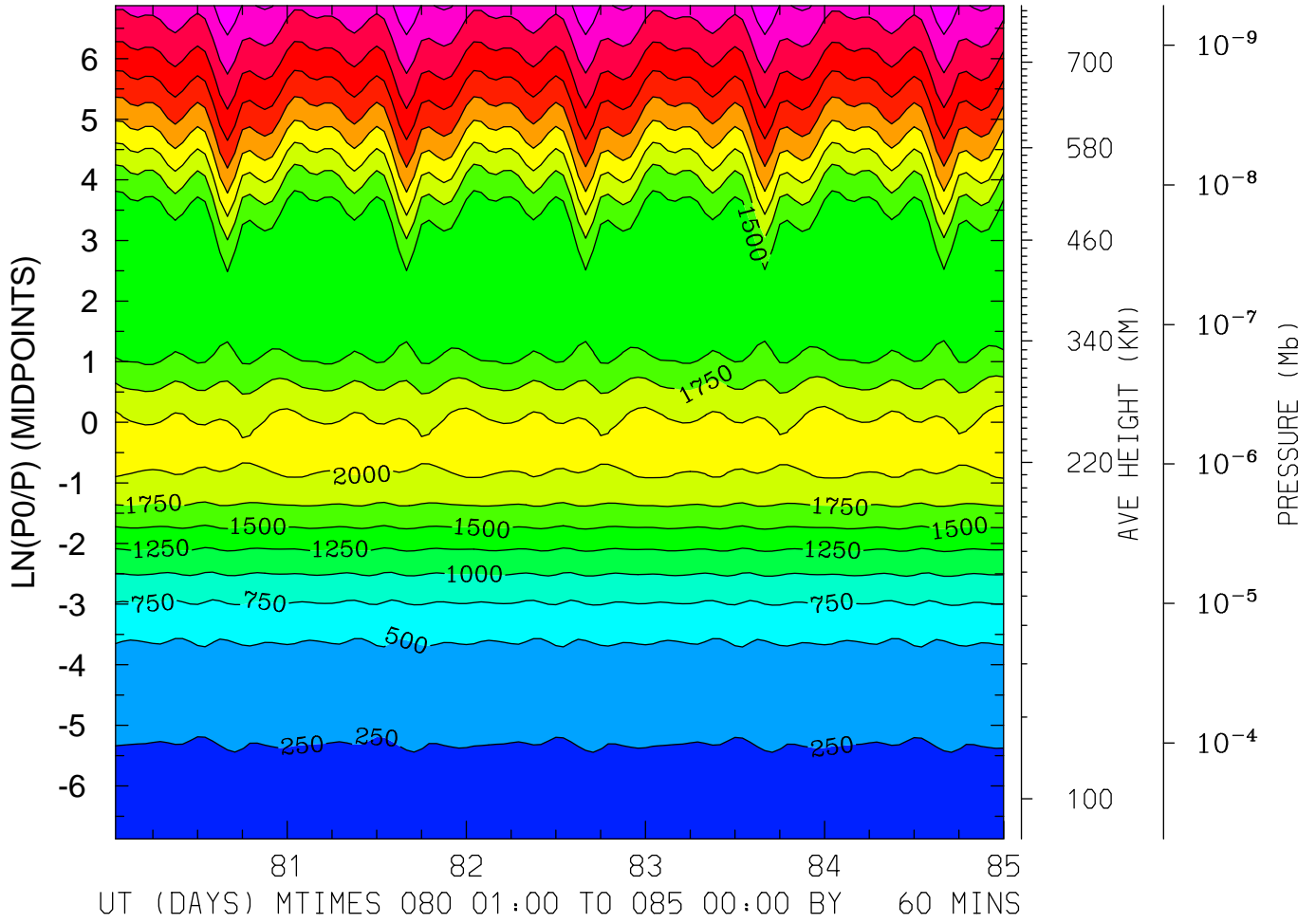
MIN,MAX= 1.6298E+02 2.2725E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
LAT= 38.75 LOCAL TIME= 0.00



MIN,MAX= 1.7417E+02 2.8768E+03 INTERVAL= 2.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

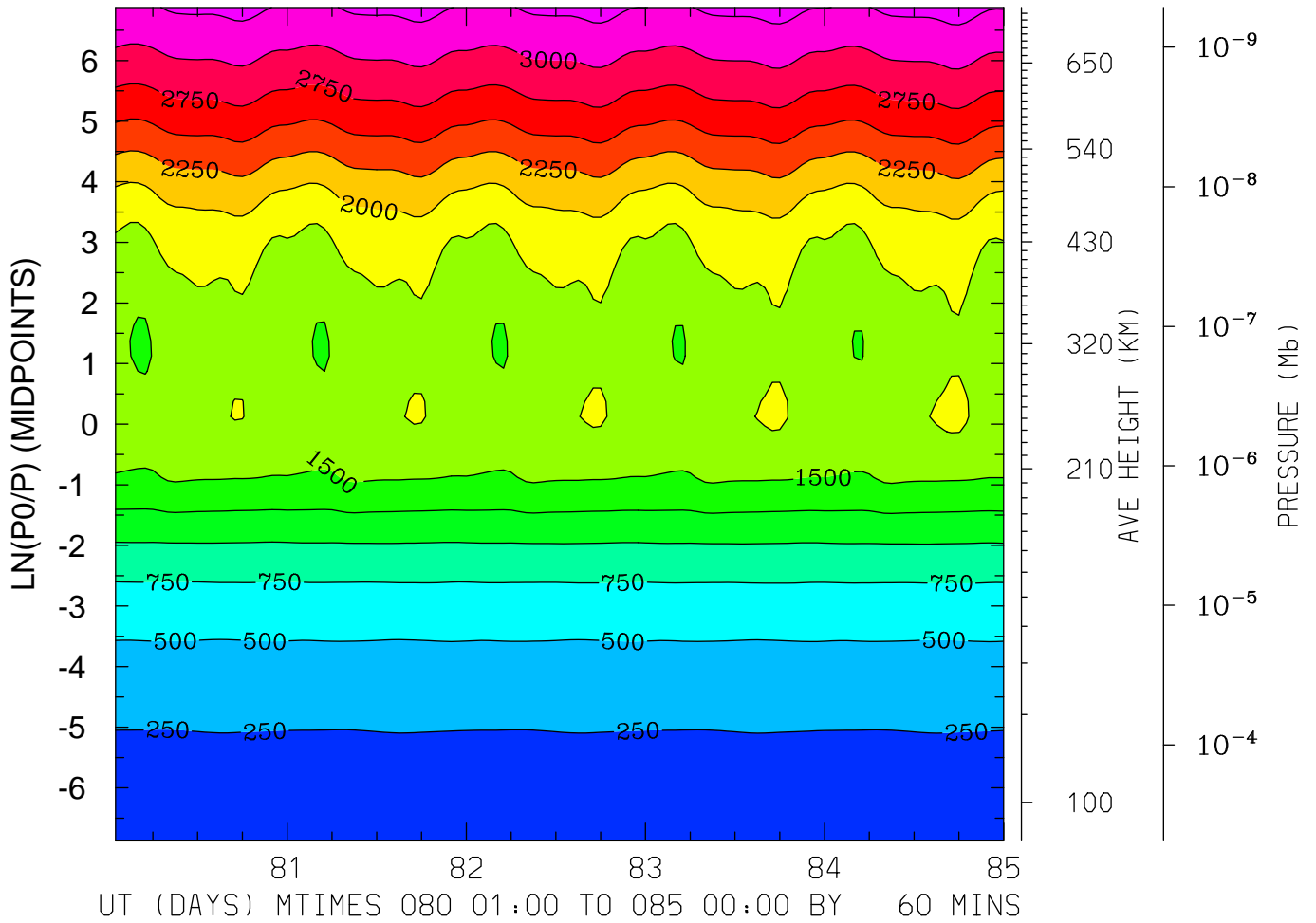
ELECTRON TEMPERATURE (DEG K)  
LAT= 38.75 LOCAL TIME=12.00



MIN,MAX= 1.6309E+02 3.6775E+03 INTERVAL= 2.5000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

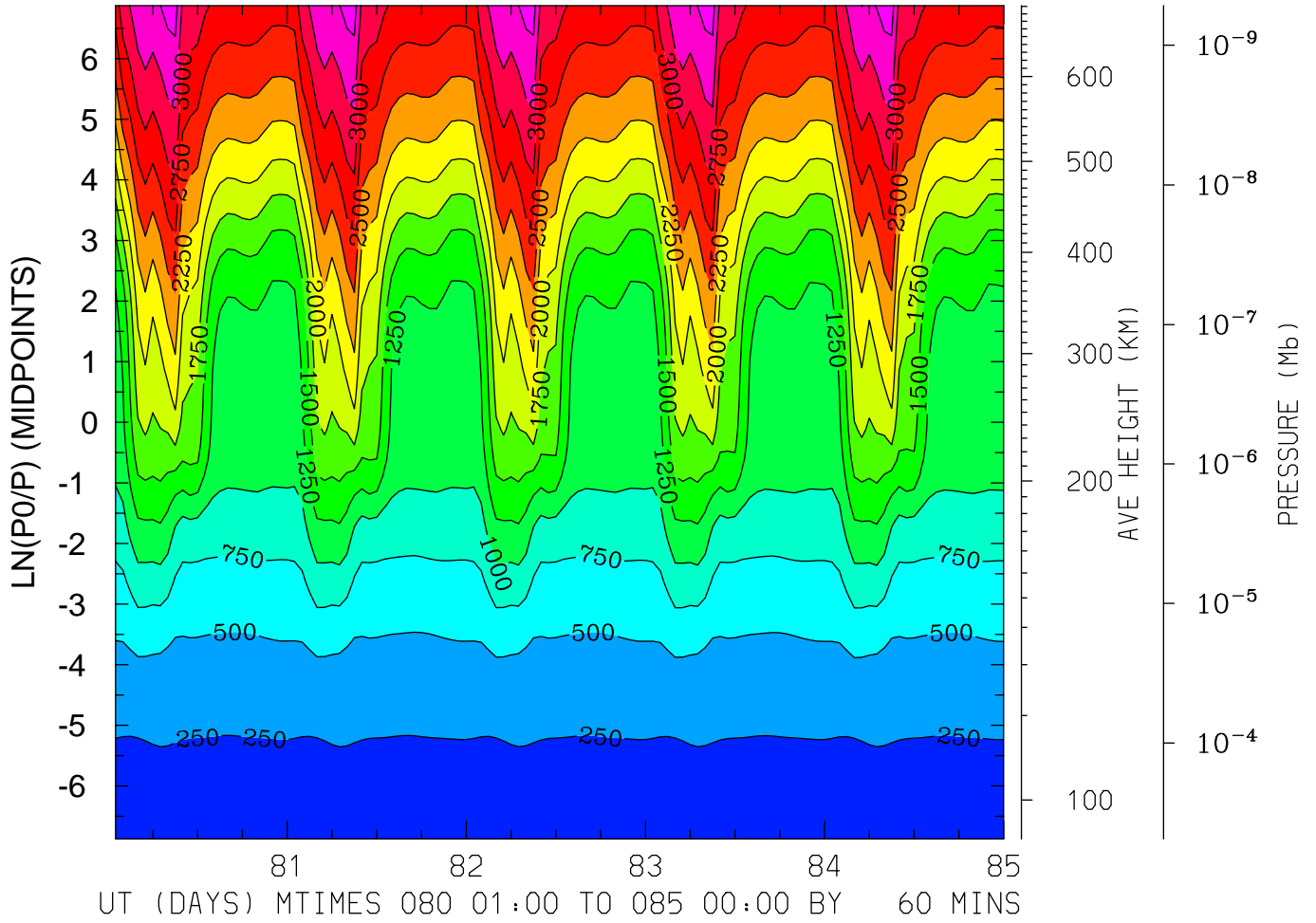


ELECTRON TEMPERATURE (DEG K)  
LAT= 38.75 (ZONAL MEANS)



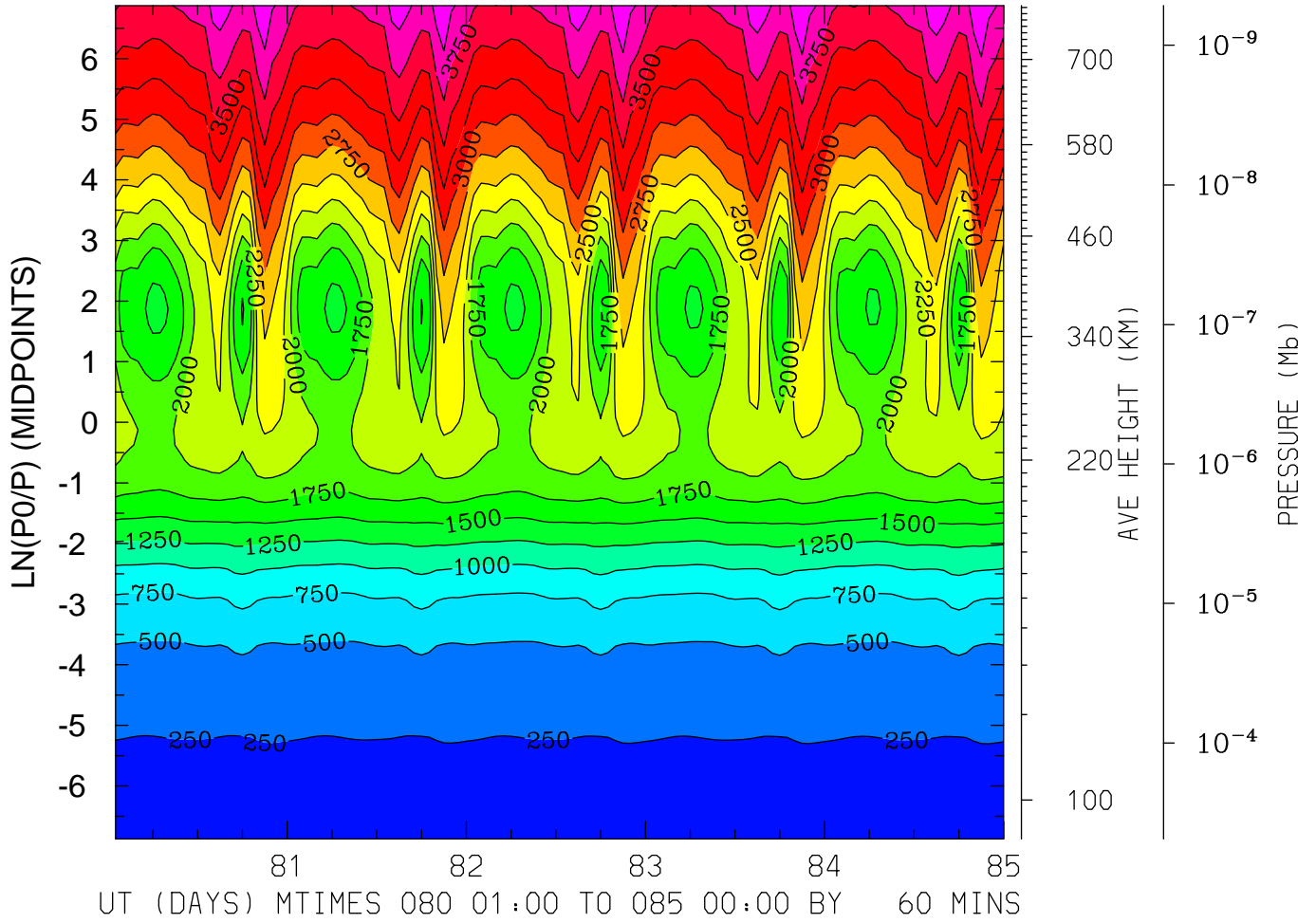
MIN,MAX= 1.6534E+02 3.3428E+03 INTERVAL= 2.5000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
LAT= 58.75 LOCAL TIME= 0.00



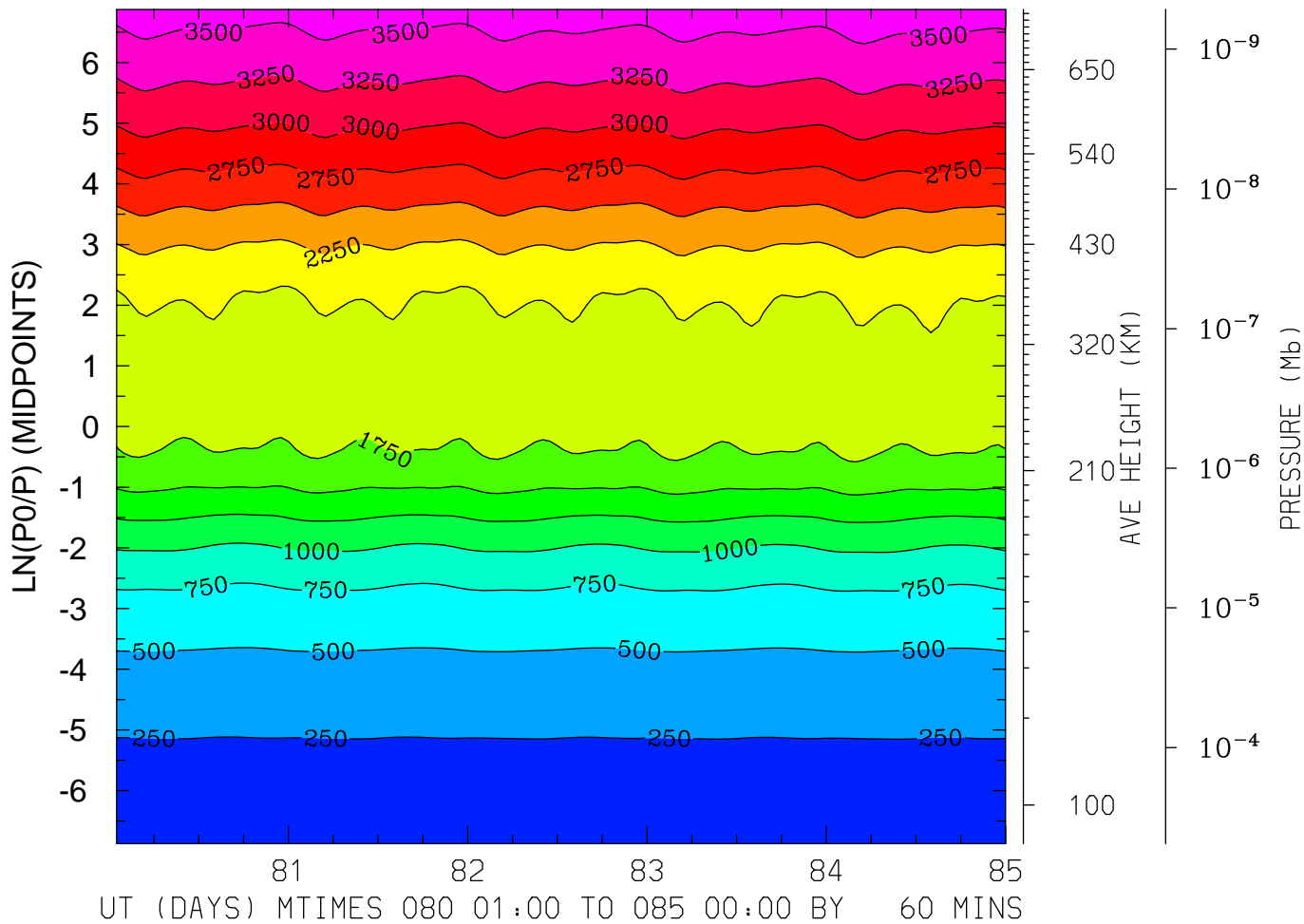
MIN,MAX= 1.6591E+02 3.6033E+03 INTERVAL= 2.5000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
LAT= 58.75 LOCAL TIME=12.00



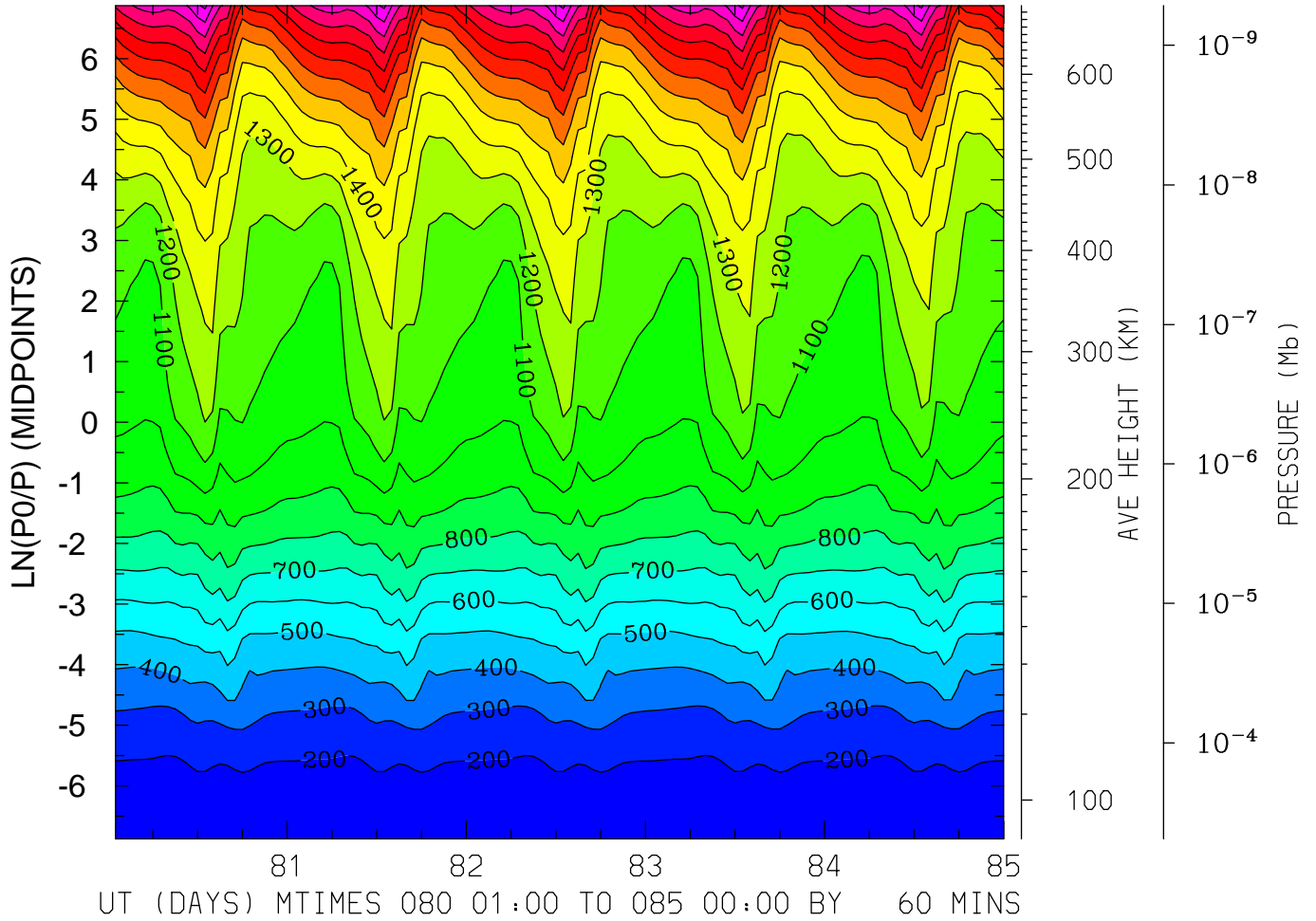
MIN,MAX= 1.6394E+02 4.2423E+03 INTERVAL= 2.5000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
LAT= 58.75 (ZONAL MEANS)



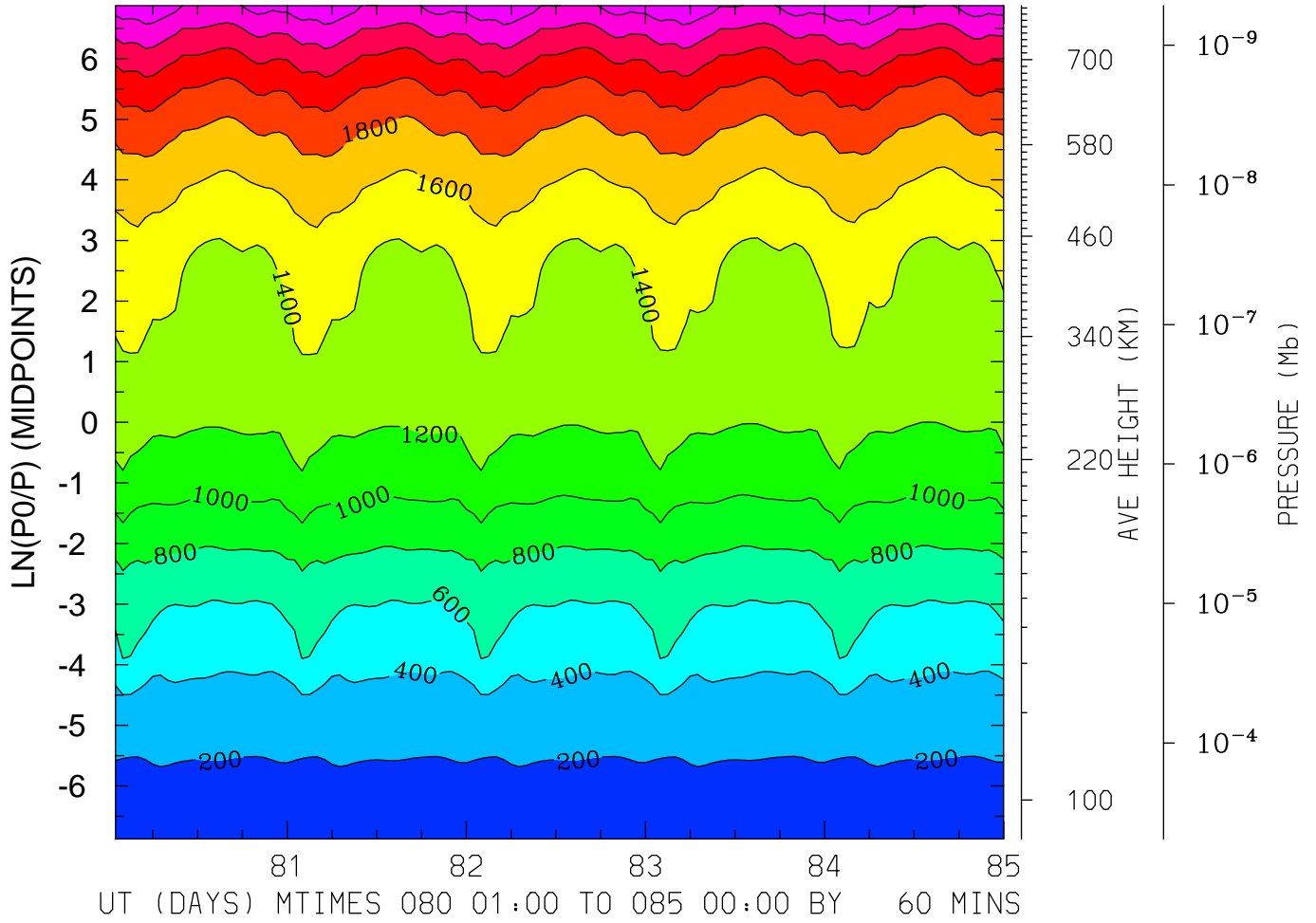
MIN,MAX= 1.6557E+02 3.6588E+03 INTERVAL= 2.5000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ION TEMPERATURE (DEG K)  
LAT=-61.25 LOCAL TIME= 0.00



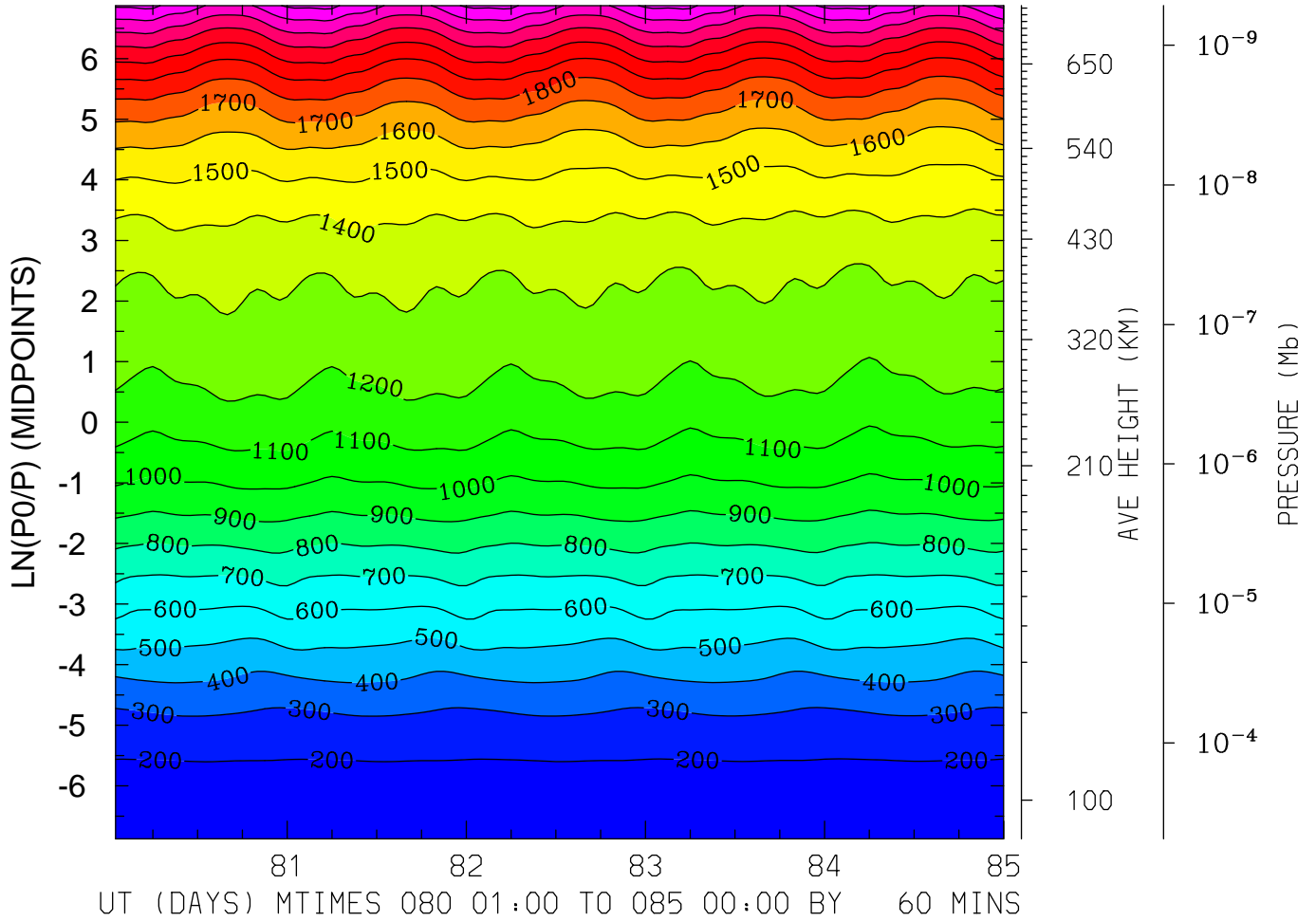
MIN,MAX= 1.6485E+02 2.3231E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ION TEMPERATURE (DEG K)  
LAT=-61.25 LOCAL TIME=12.00



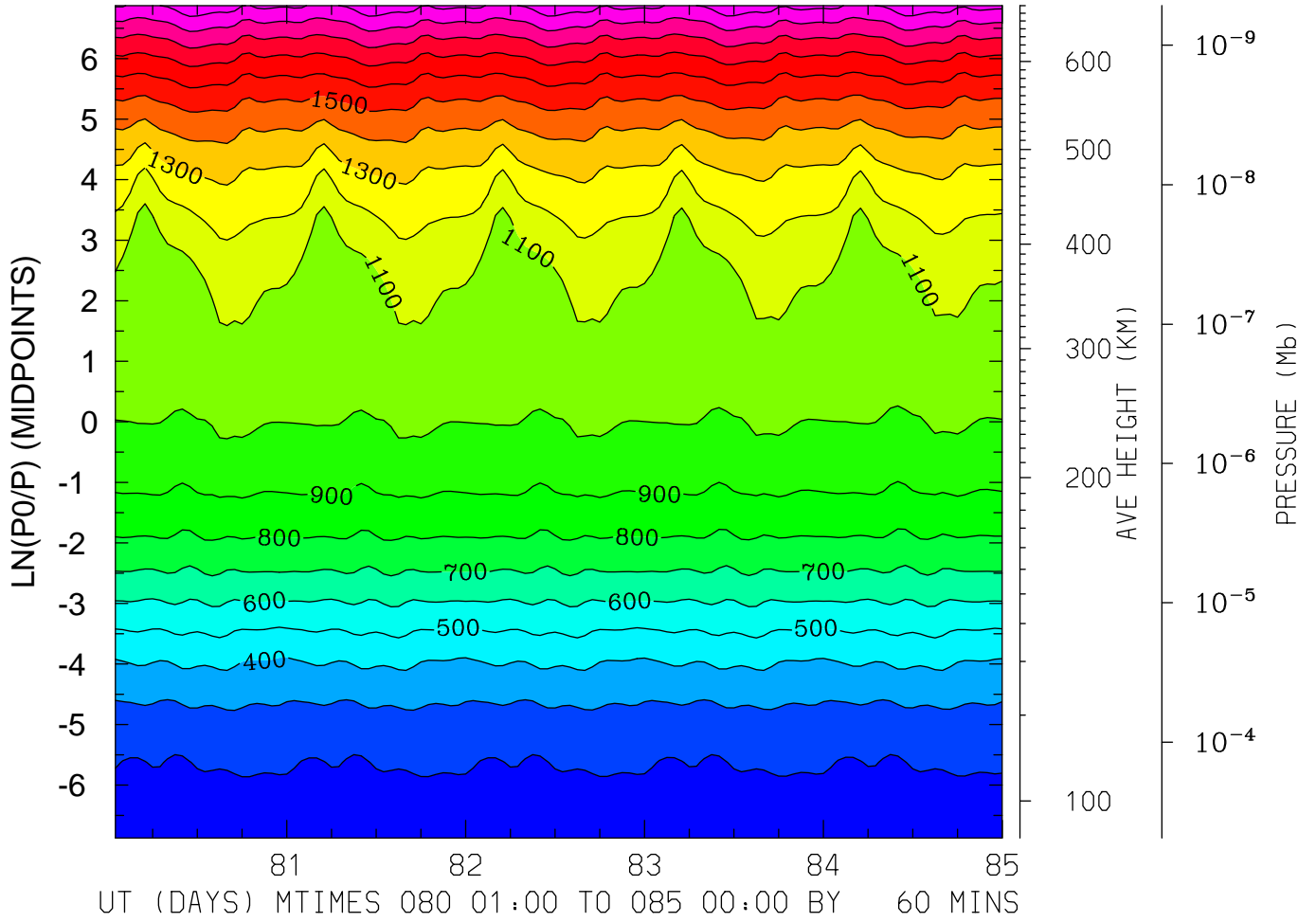
MIN,MAX= 1.6250E+02 2.7856E+03 INTERVAL= 2.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ION TEMPERATURE (DEG K)  
LAT=-61.25 (ZONAL MEANS)



MIN,MAX= 1.6544E+02 2.4304E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

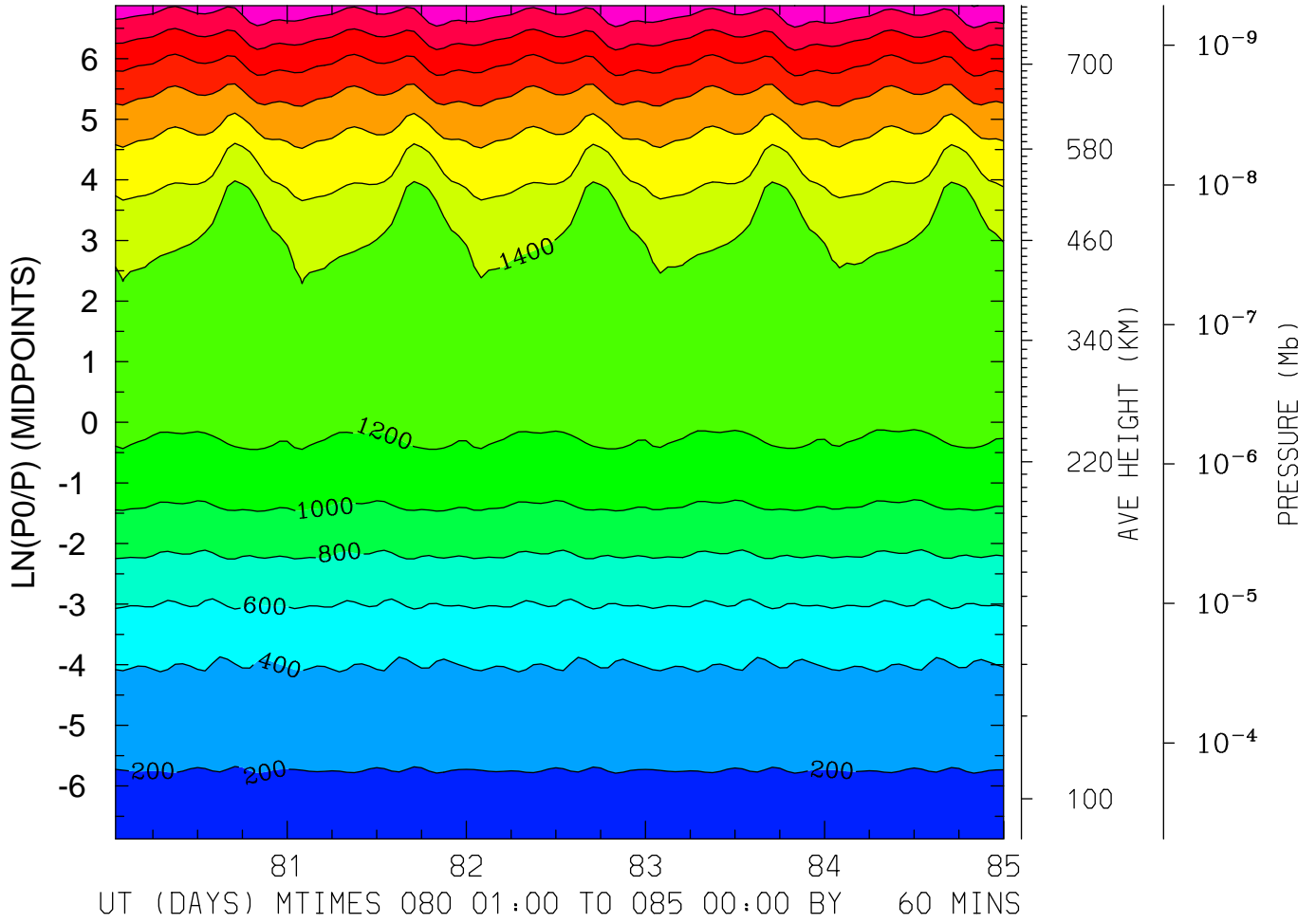
ION TEMPERATURE (DEG K)  
LAT=-41.25 LOCAL TIME= 0.00



MIN,MAX= 1.7027E+02 2.0762E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

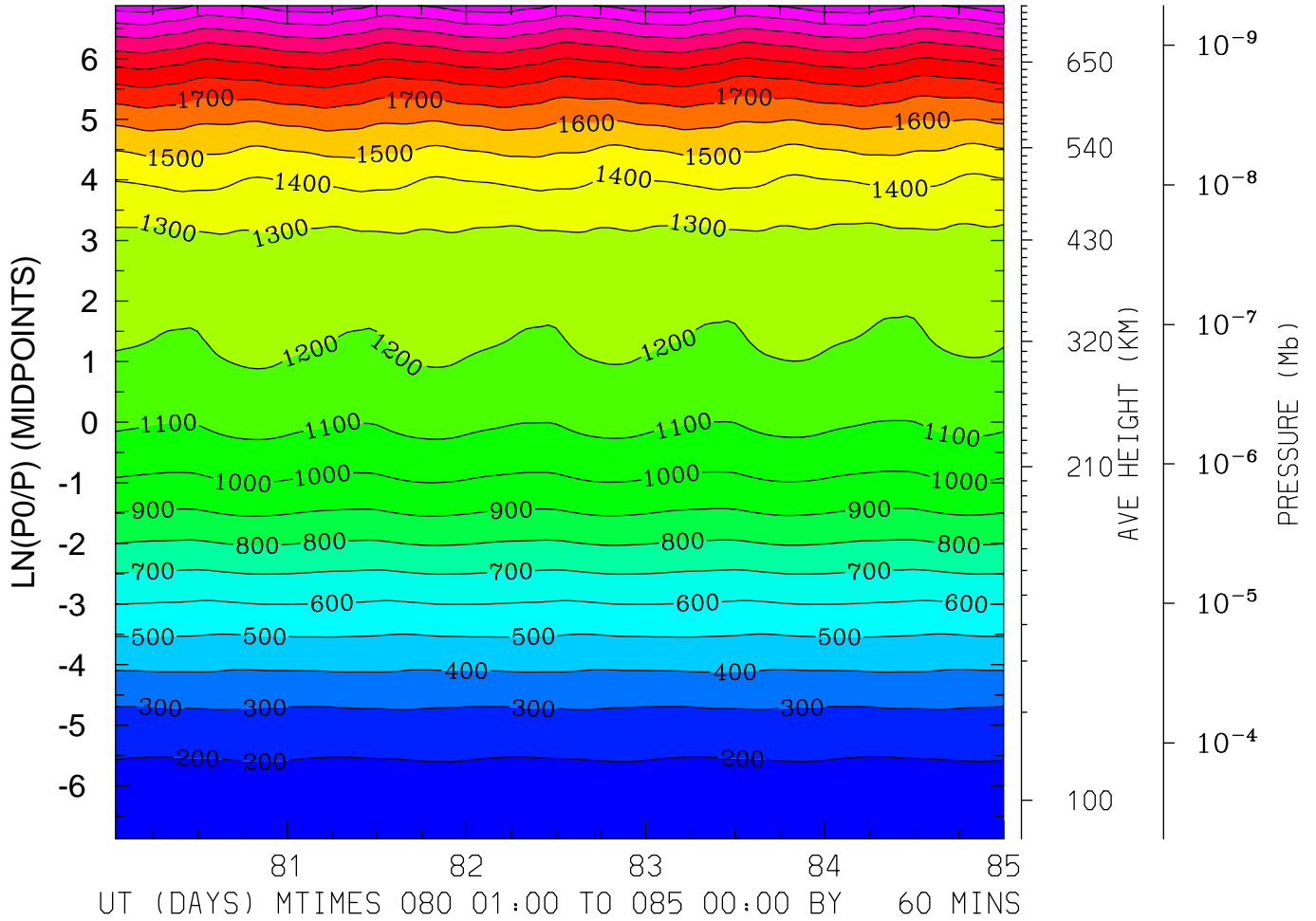


ION TEMPERATURE (DEG K)  
LAT=-41.25 LOCAL TIME=12.00



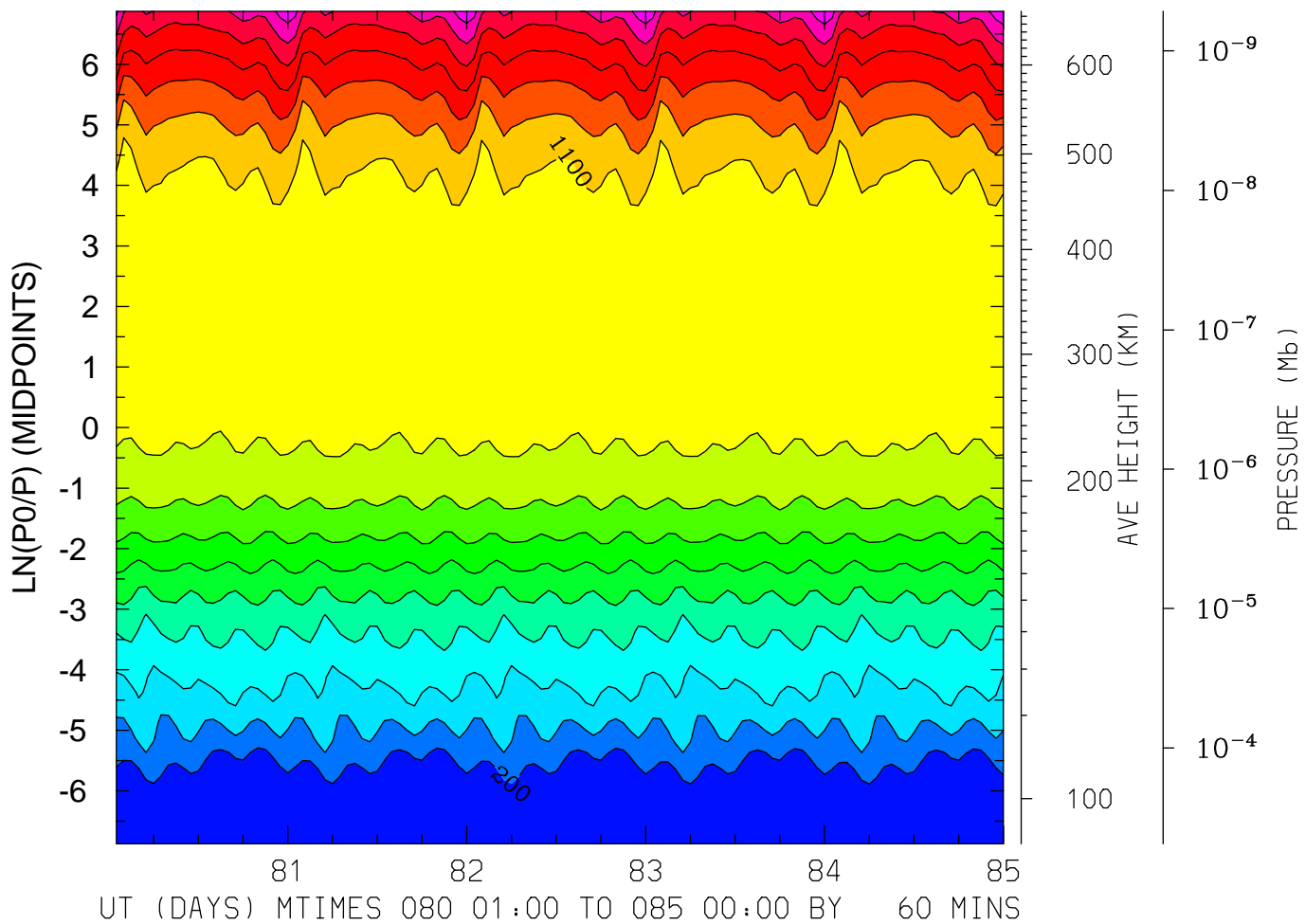
MIN,MAX= 1.6080E+02 2.8081E+03 INTERVAL= 2.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ION TEMPERATURE (DEG K)  
LAT=-41.25 (ZONAL MEANS)



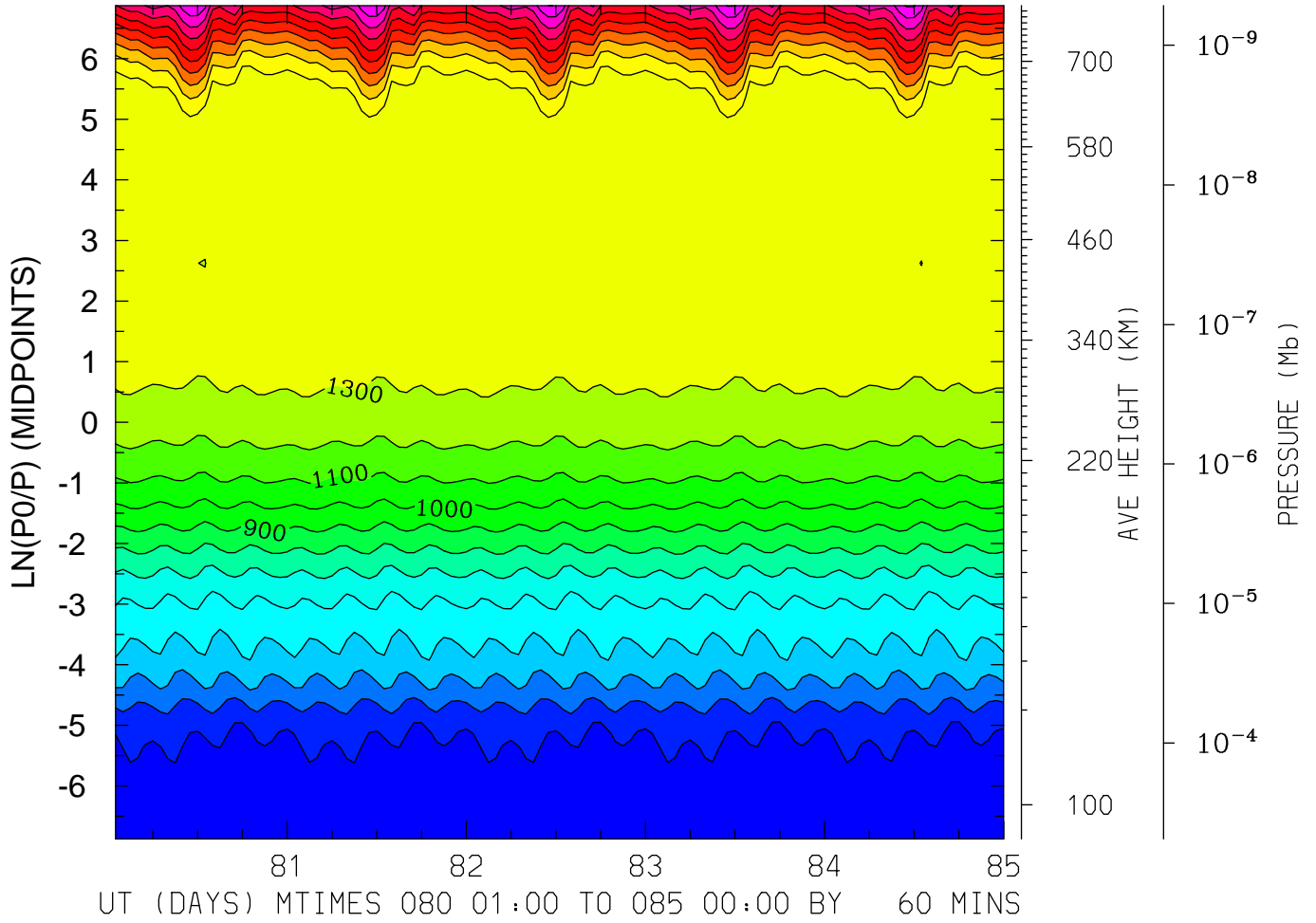
MIN,MAX= 1.6565E+02 2.3641E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ION TEMPERATURE (DEG K)  
LAT= -1.25 LOCAL TIME= 0.00



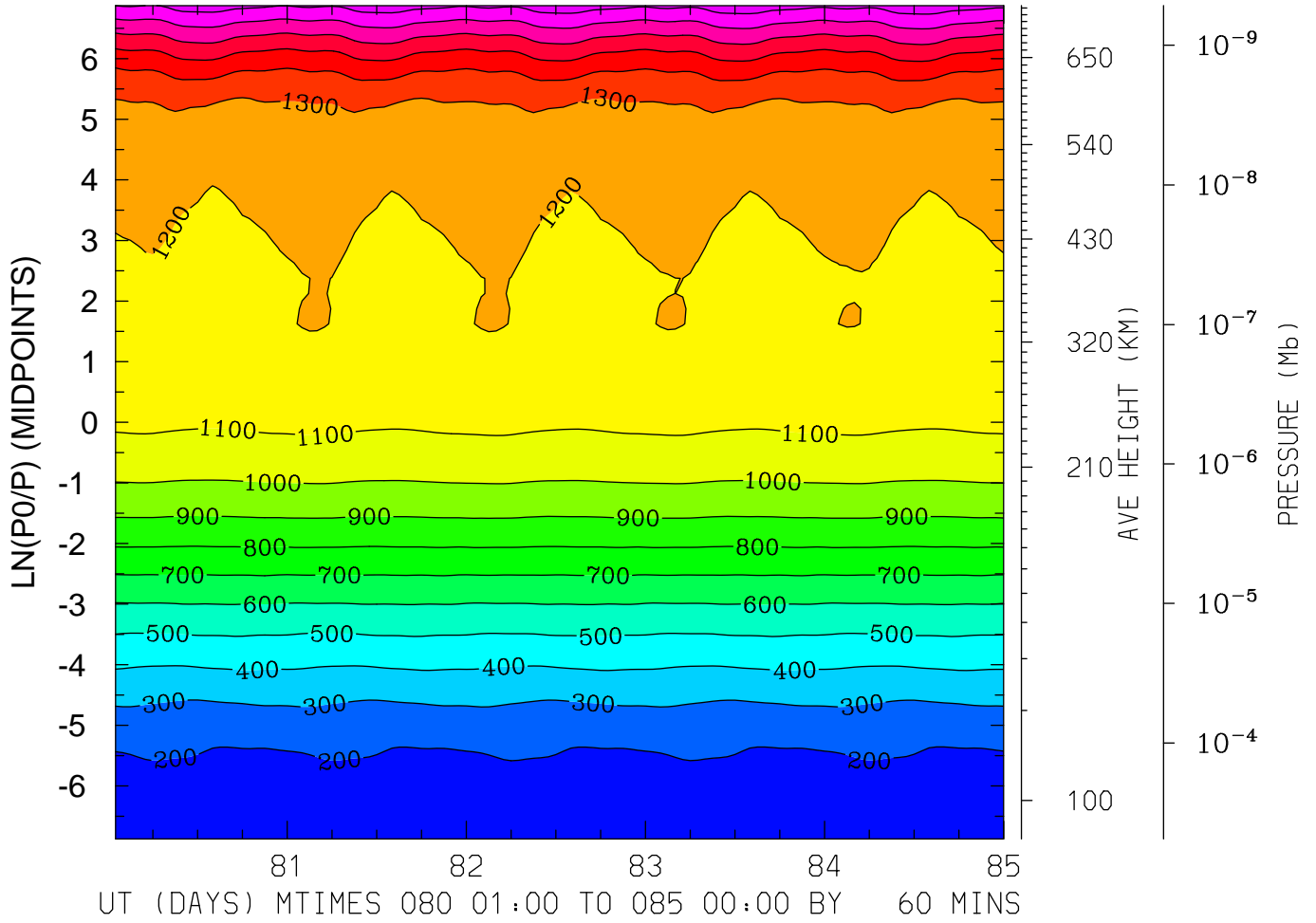
MIN,MAX= 1.2944E+02 1.7710E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ION TEMPERATURE (DEG K)  
LAT= -1.25 LOCAL TIME=12.00



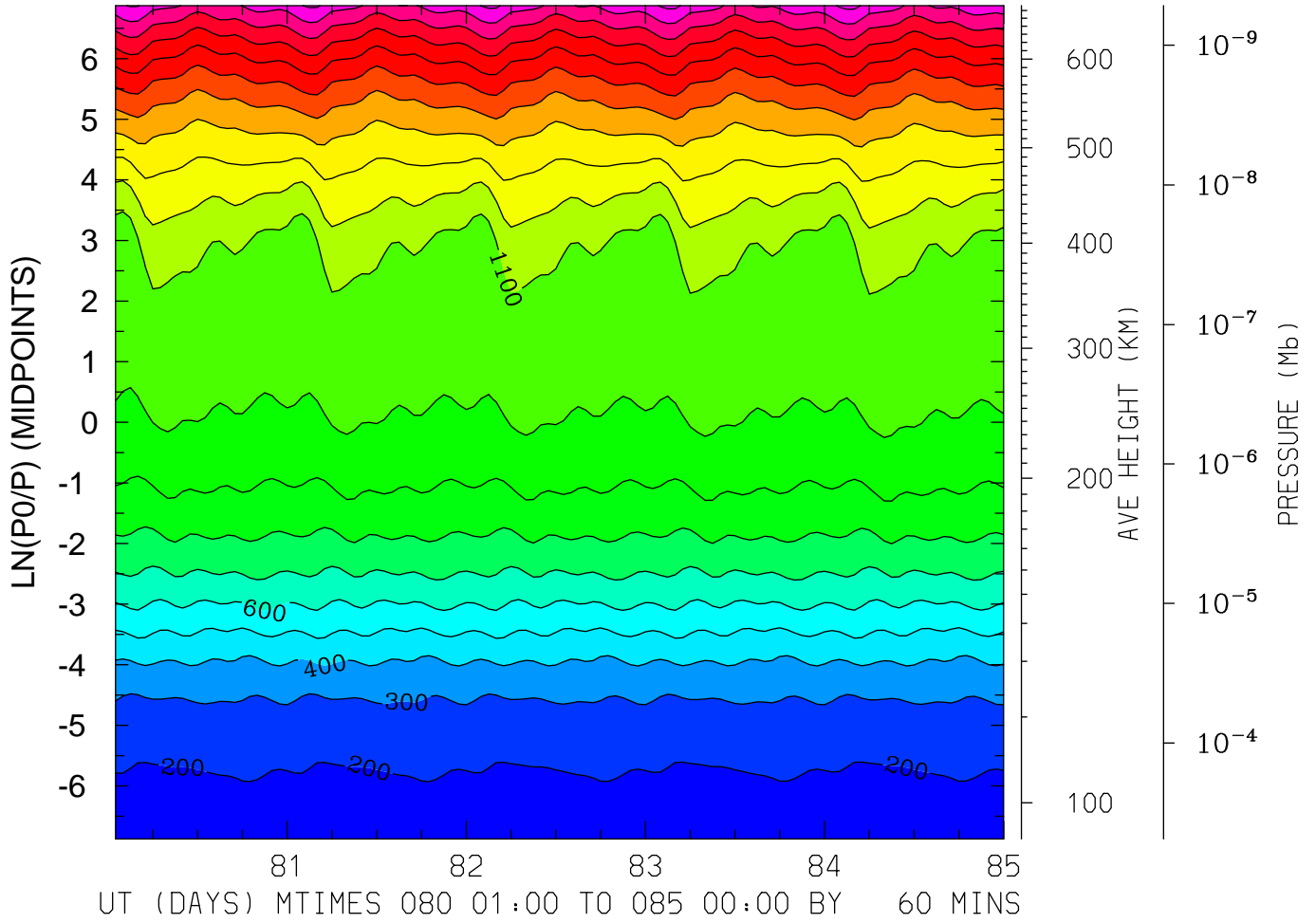
MIN,MAX= 1.5695E+02 2.3101E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ION TEMPERATURE (DEG K)  
LAT= -1.25 (ZONAL MEANS)



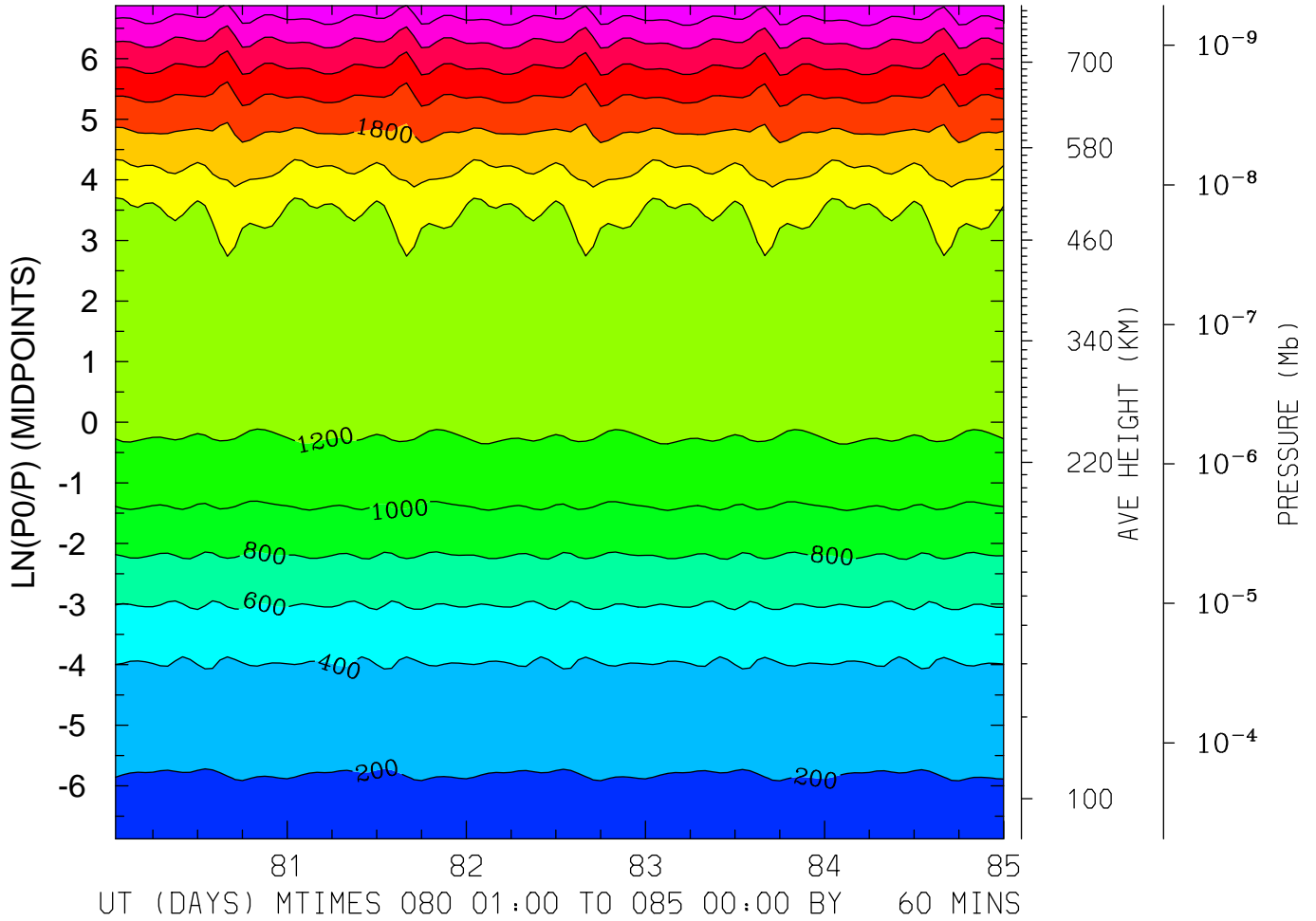
MIN,MAX= 1.6297E+02 1.8594E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ION TEMPERATURE (DEG K)  
LAT= 38.75 LOCAL TIME= 0.00



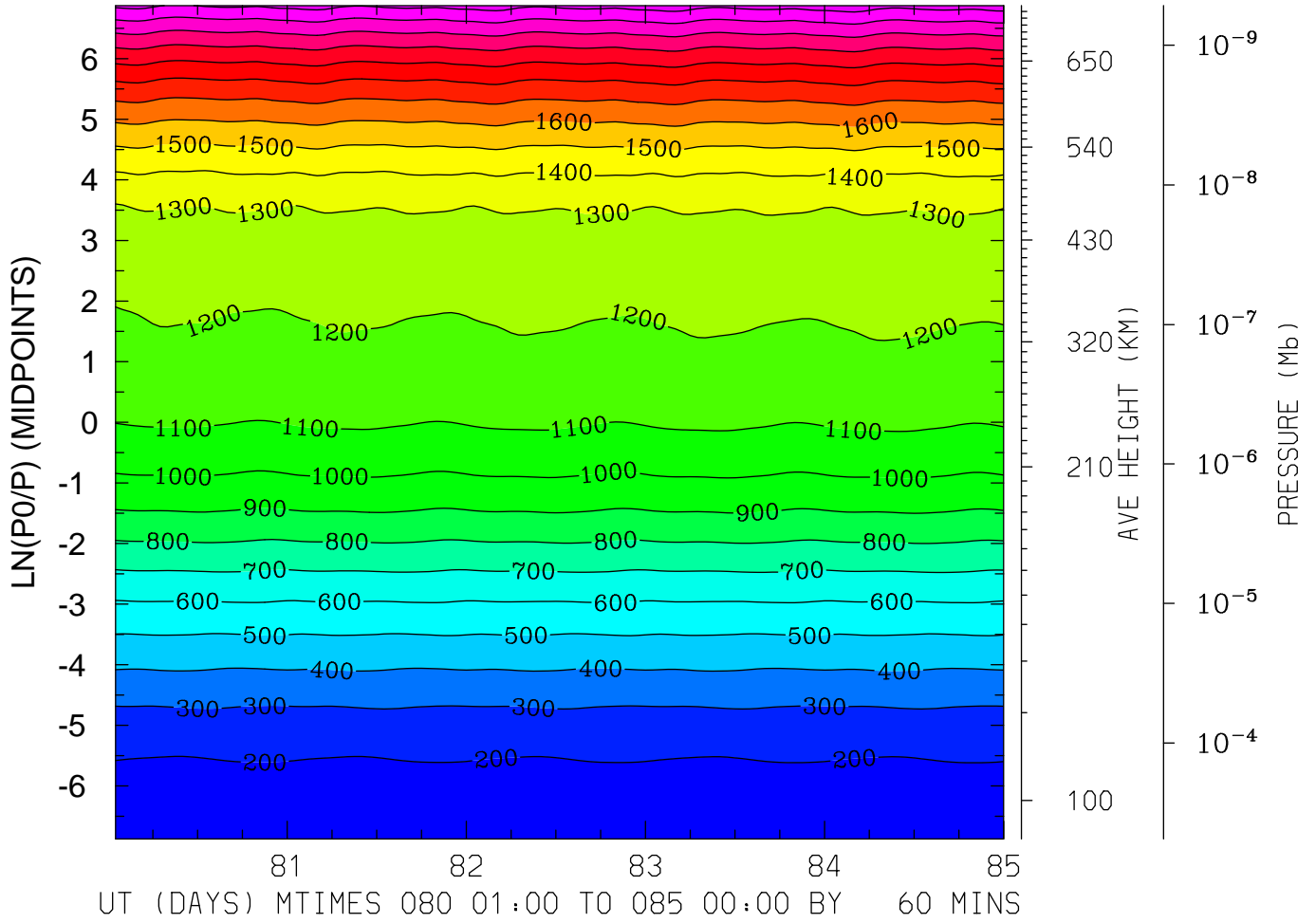
MIN,MAX= 1.7417E+02 2.1252E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ION TEMPERATURE (DEG K)  
LAT= 38.75 LOCAL TIME=12.00



MIN,MAX= 1.6310E+02 2.7860E+03 INTERVAL= 2.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

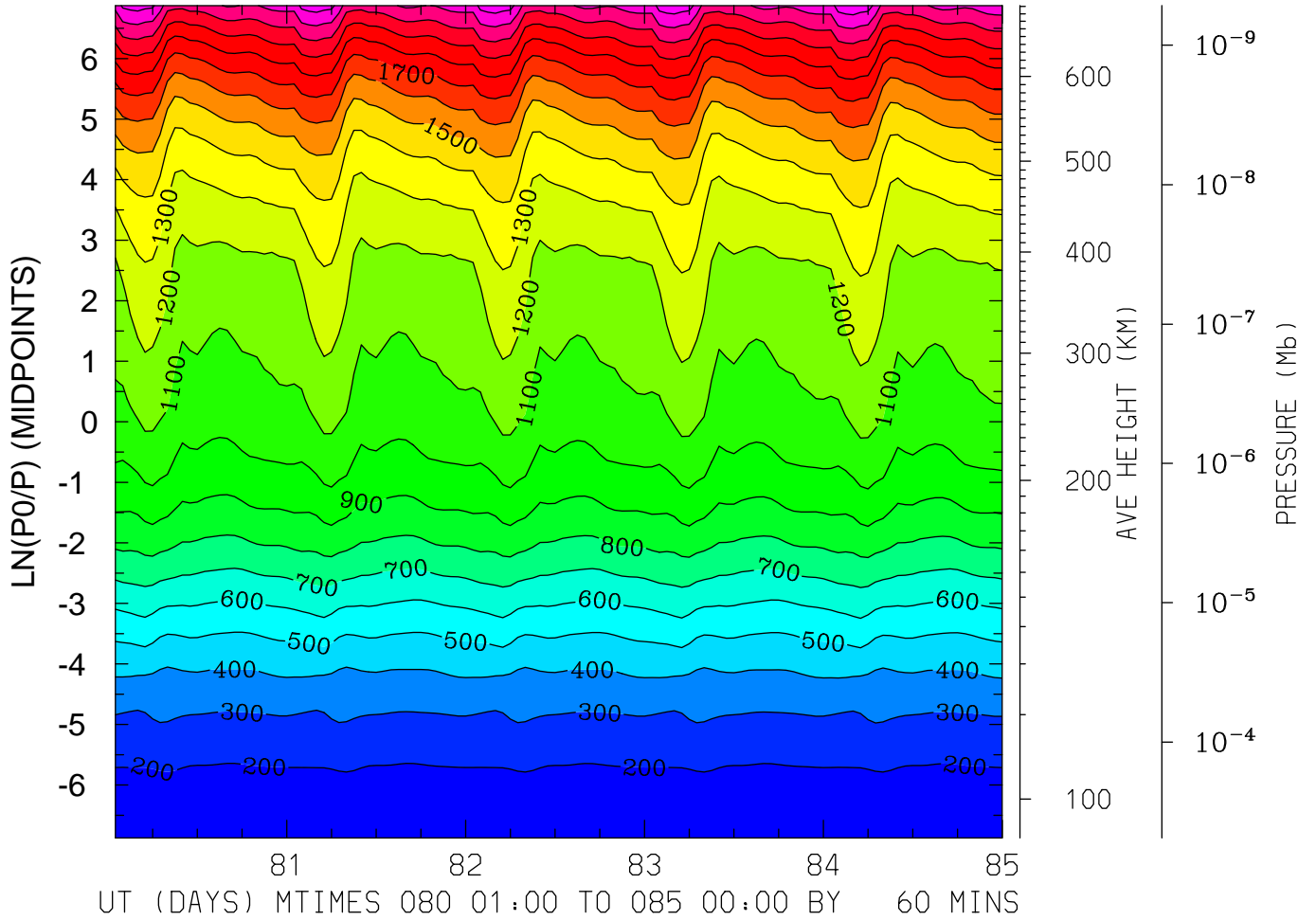
ION TEMPERATURE (DEG K)  
LAT= 38.75 (ZONAL MEANS)



MIN,MAX= 1.6532E+02 2.3537E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

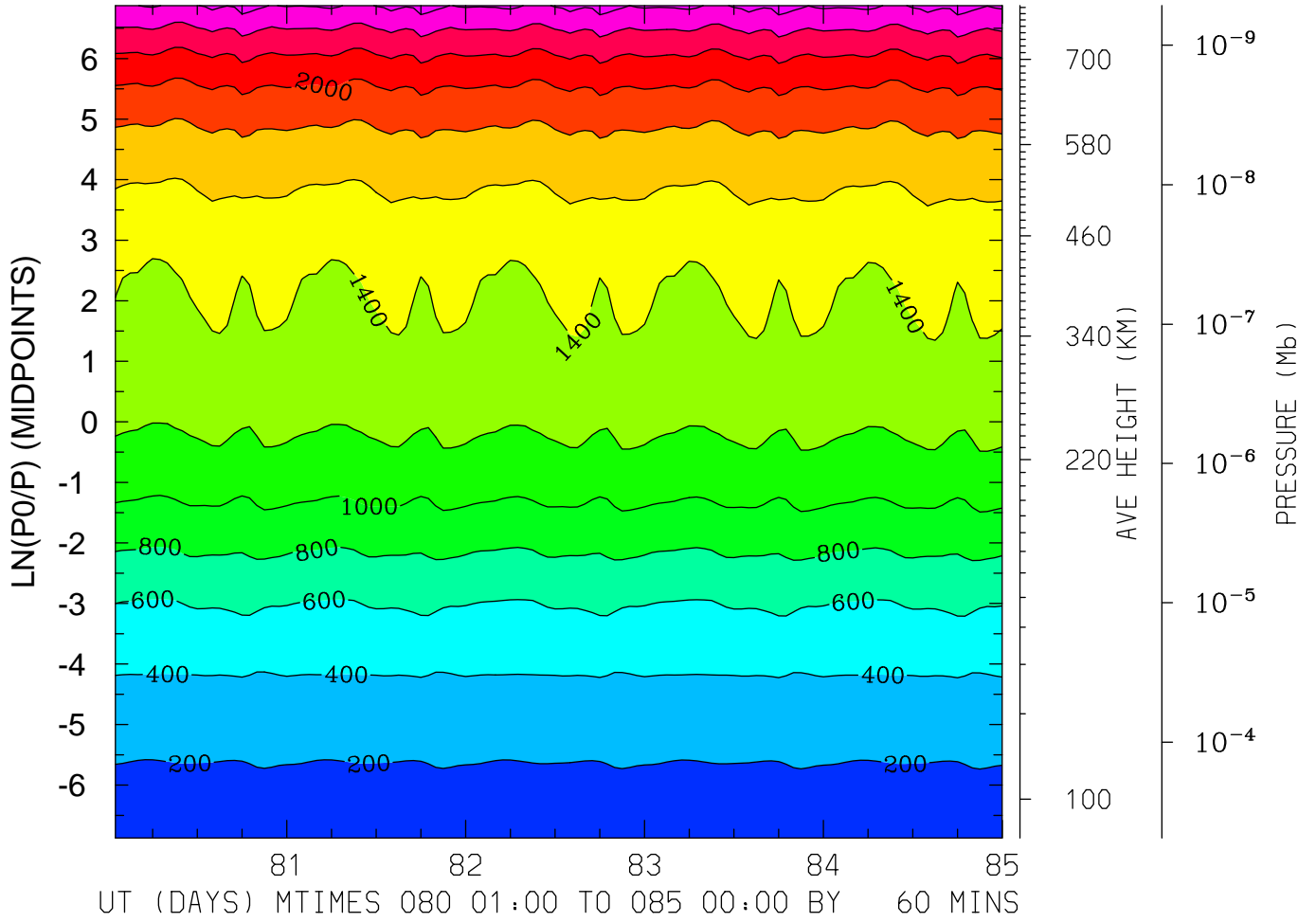


ION TEMPERATURE (DEG K)  
LAT= 58.75 LOCAL TIME= 0.00



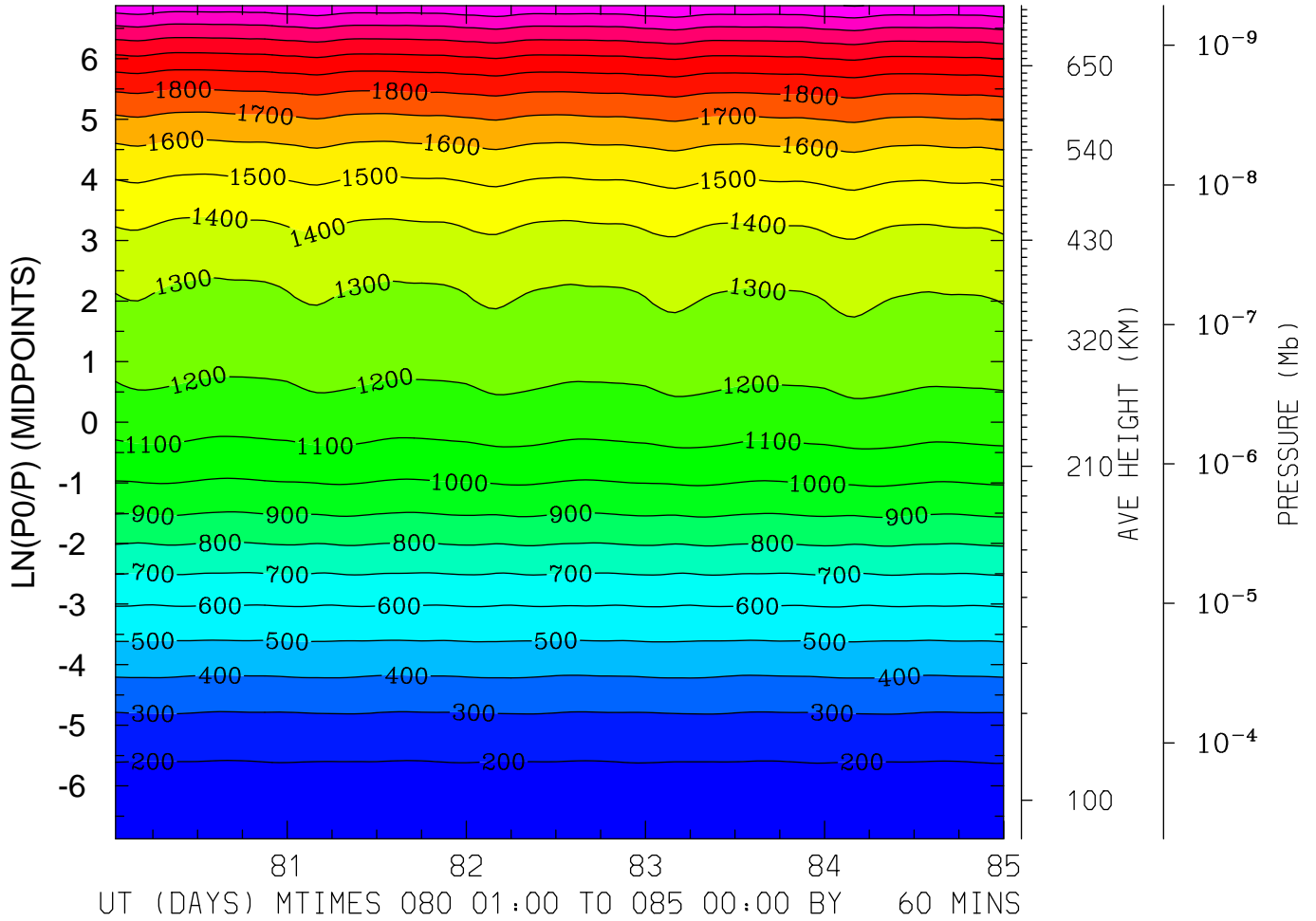
MIN,MAX= 1.6591E+02 2.2703E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ION TEMPERATURE (DEG K)  
LAT= 58.75 LOCAL TIME=12.00



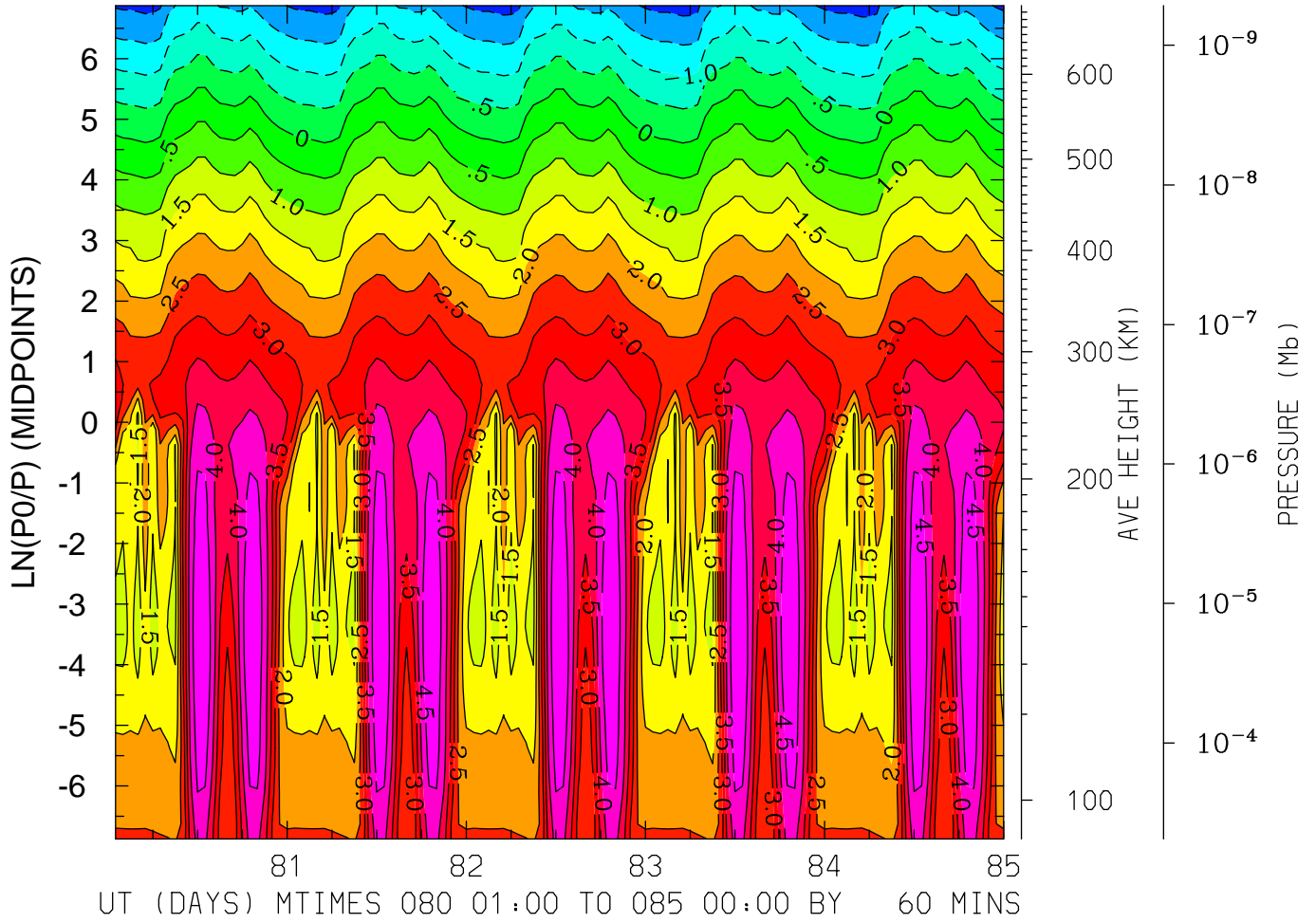
MIN,MAX= 1.6395E+02 2.6909E+03 INTERVAL= 2.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ION TEMPERATURE (DEG K)  
LAT= 58.75 (ZONAL MEANS)



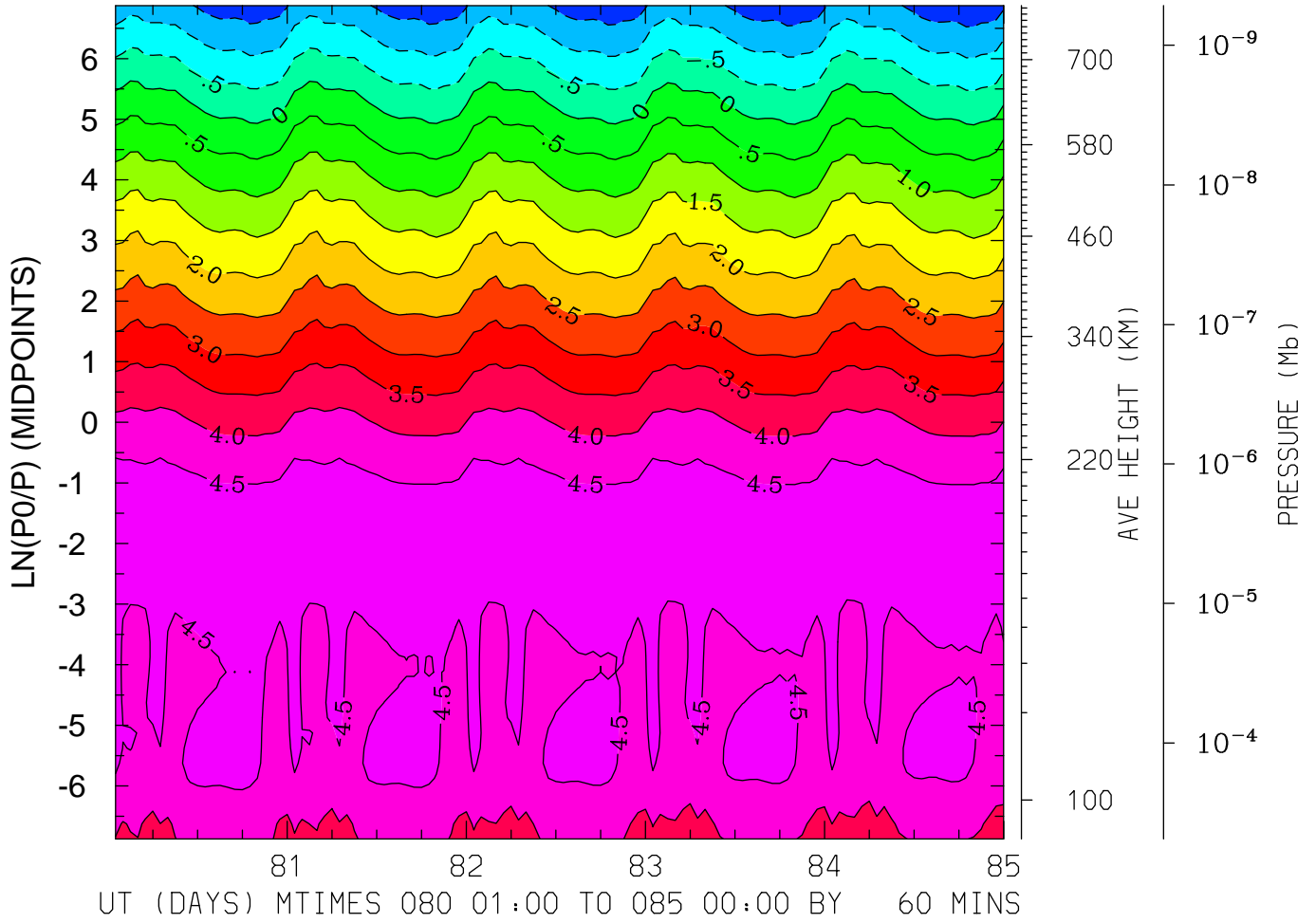
MIN,MAX= 1.6558E+02 2.4047E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O2+ ION (CM3)  
LAT=-61.25 LOCAL TIME= 0.00



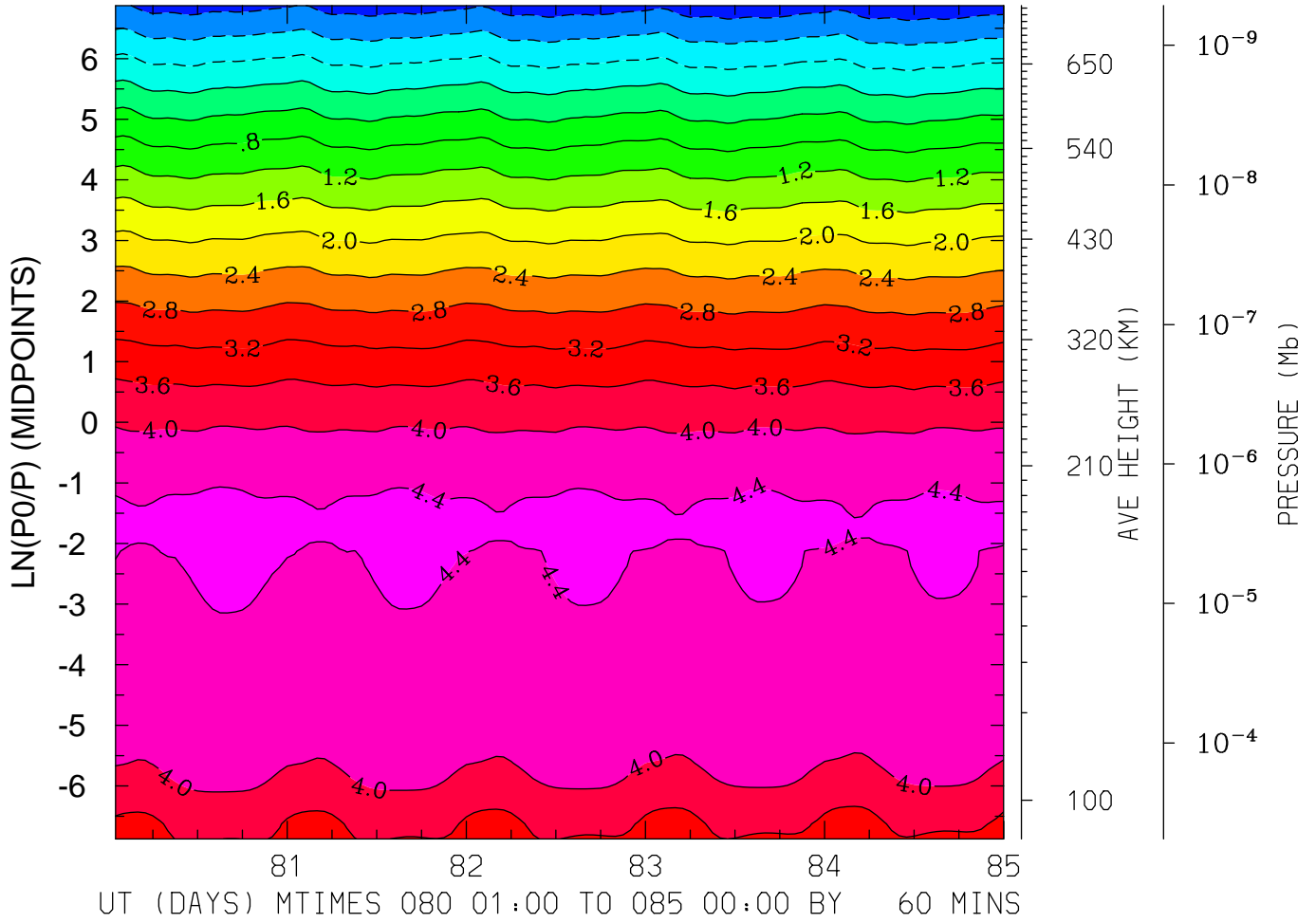
MIN,MAX= -2.2062E+00 4.9171E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O2+ ION (CM3)  
LAT=-61.25 LOCAL TIME=12.00



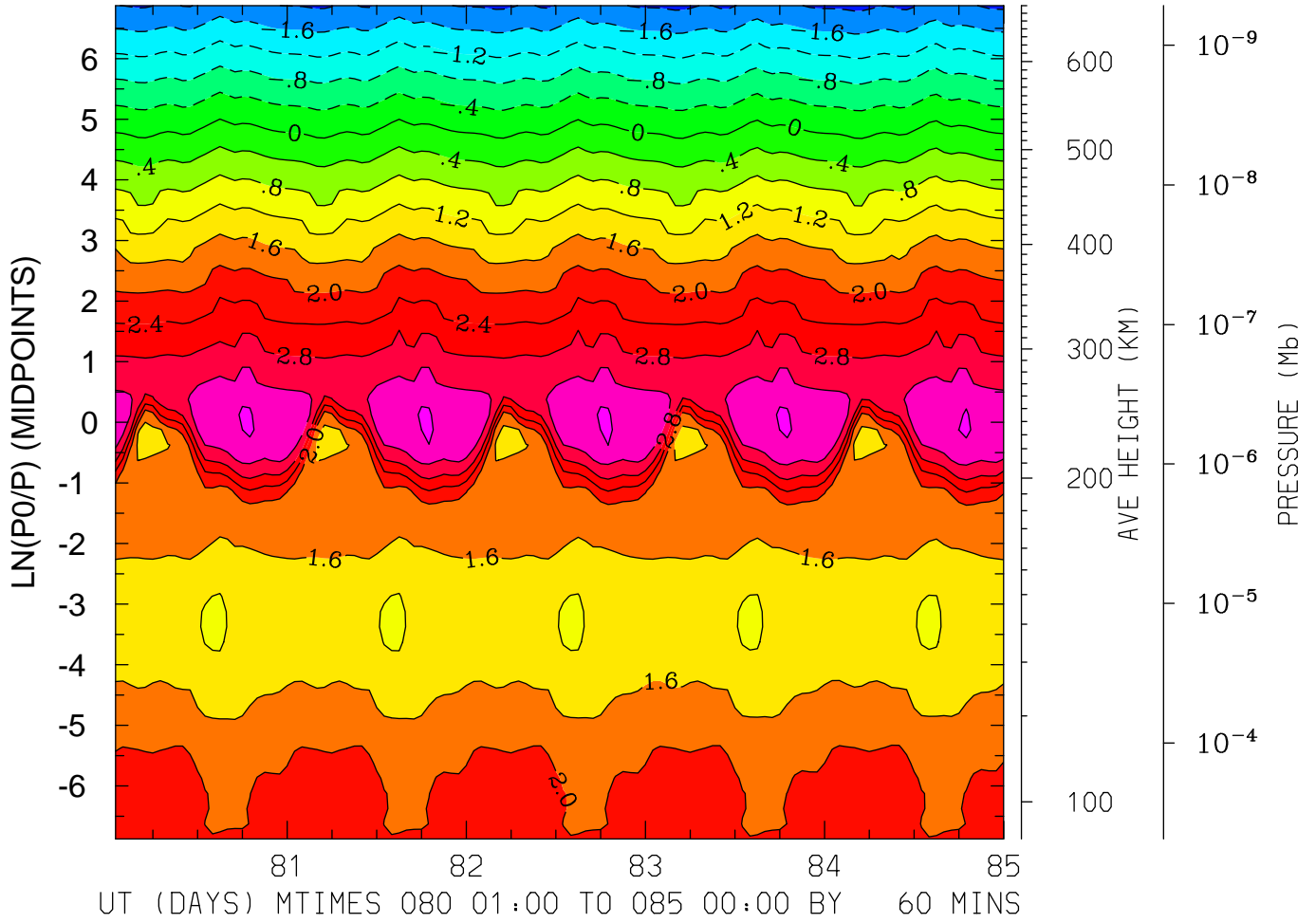
MIN,MAX= -1.8654E+00 4.9452E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O2+ ION (CM3)  
LAT=-61.25 (ZONAL MEANS)



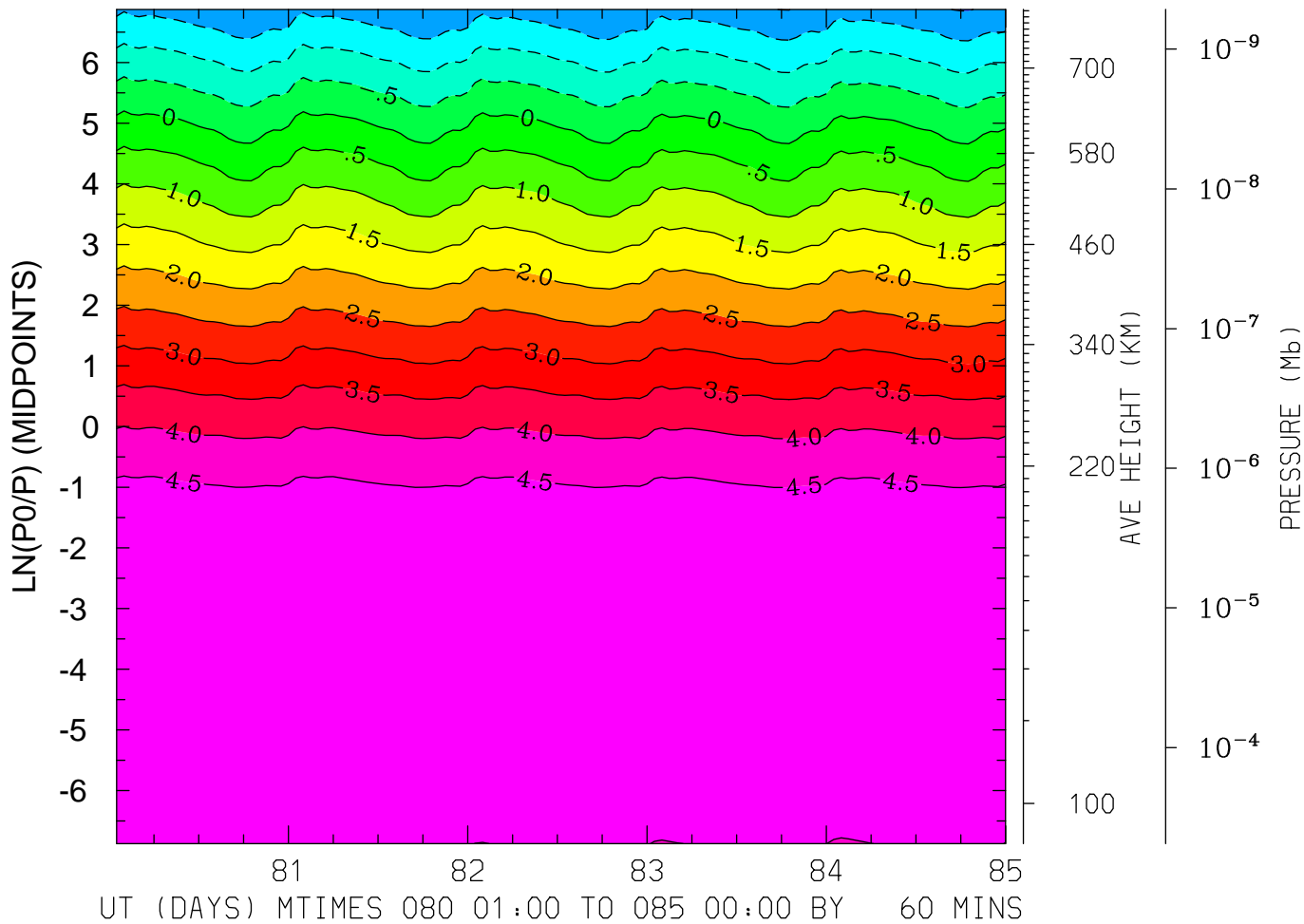
MIN,MAX= -1.4494E+00 4.4782E+00 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O2+ ION (CM3)  
LAT=-41.25 LOCAL TIME= 0.00



MIN,MAX= -2.0961E+00 3.6848E+00 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

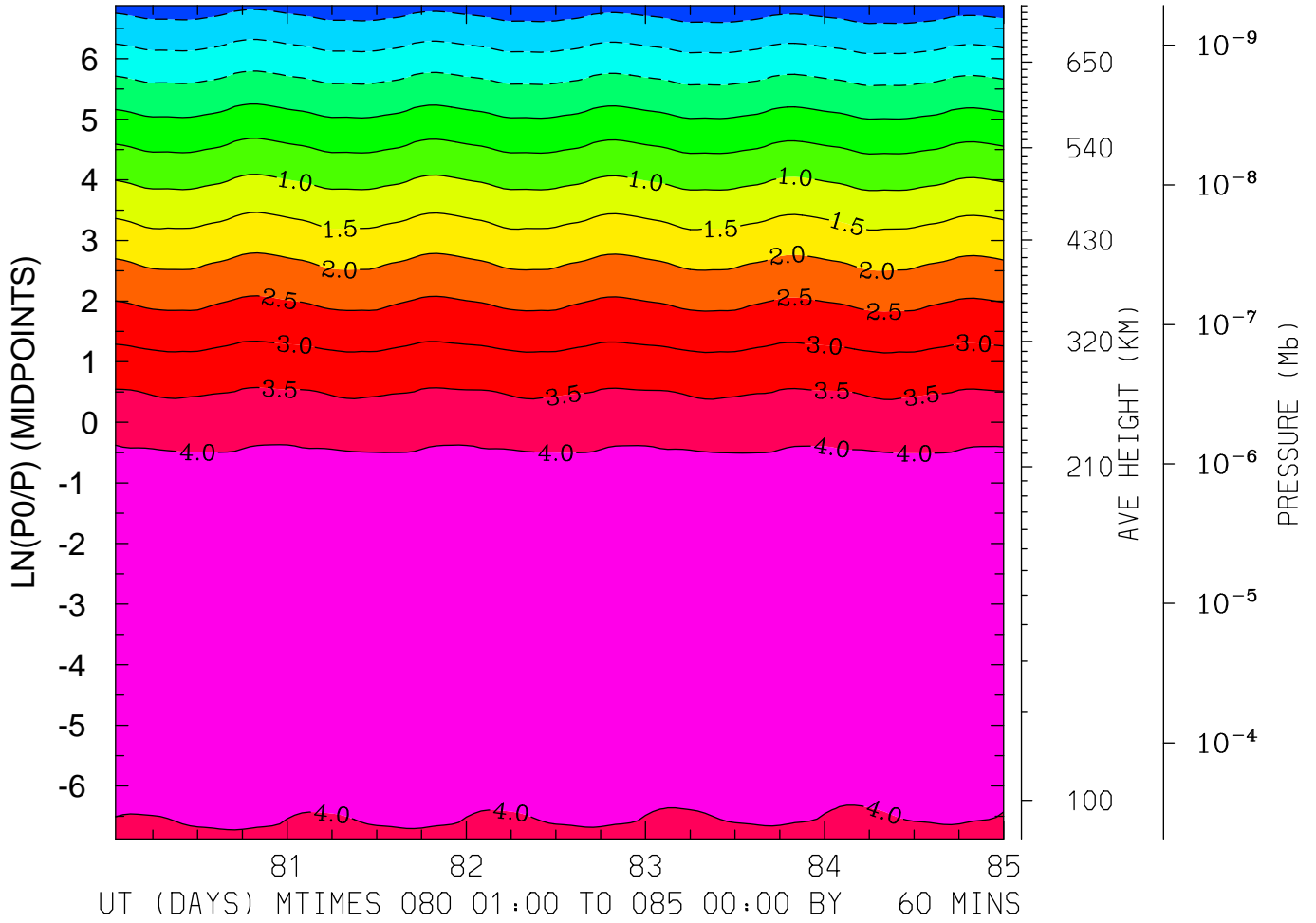
LOG10 O2+ ION (CM3)  
LAT=-41.25 LOCAL TIME=12.00



MIN,MAX= -2.0285E+00 4.9044E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

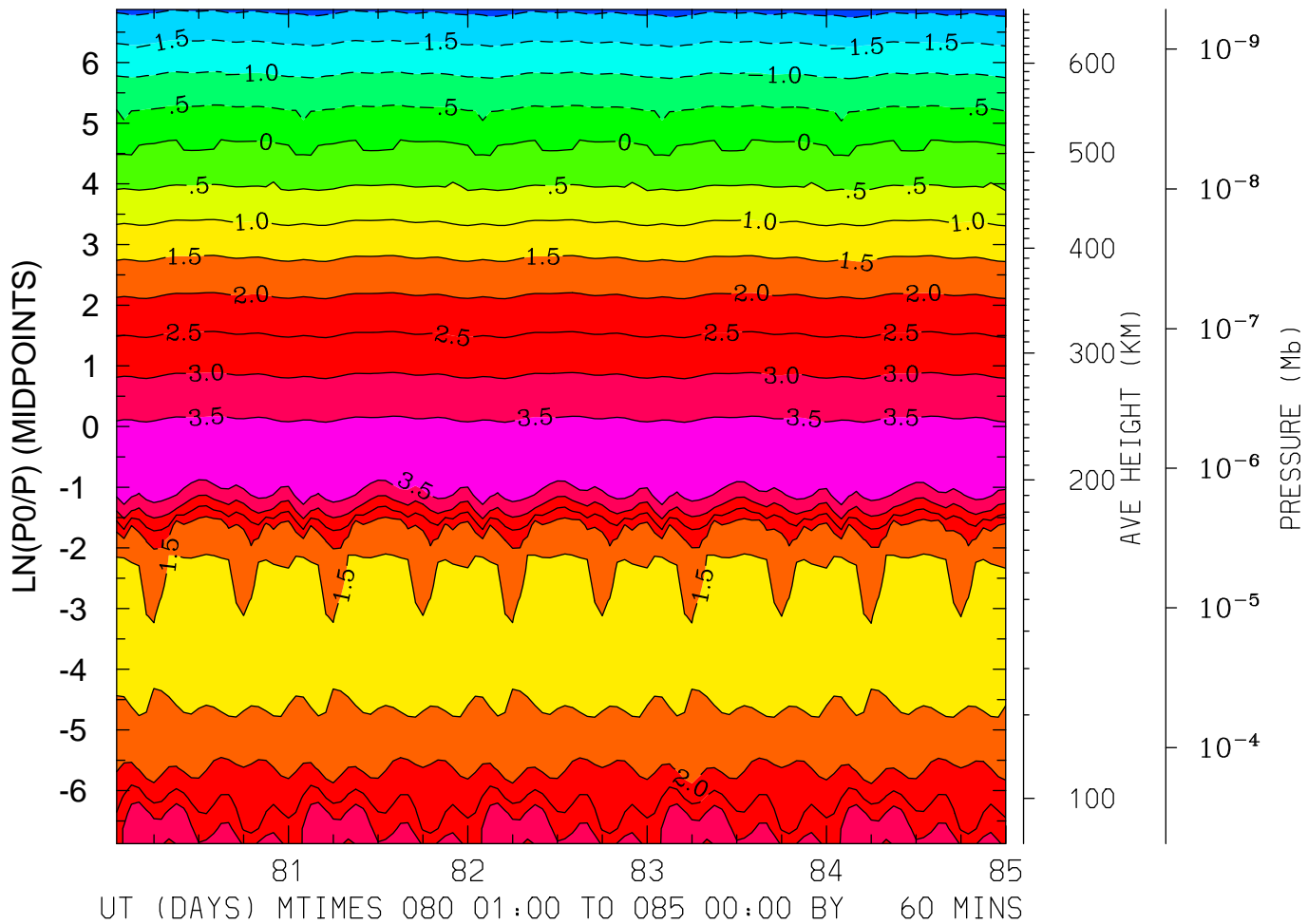


LOG10 O2+ ION (CM3)  
LAT=-41.25 (ZONAL MEANS)



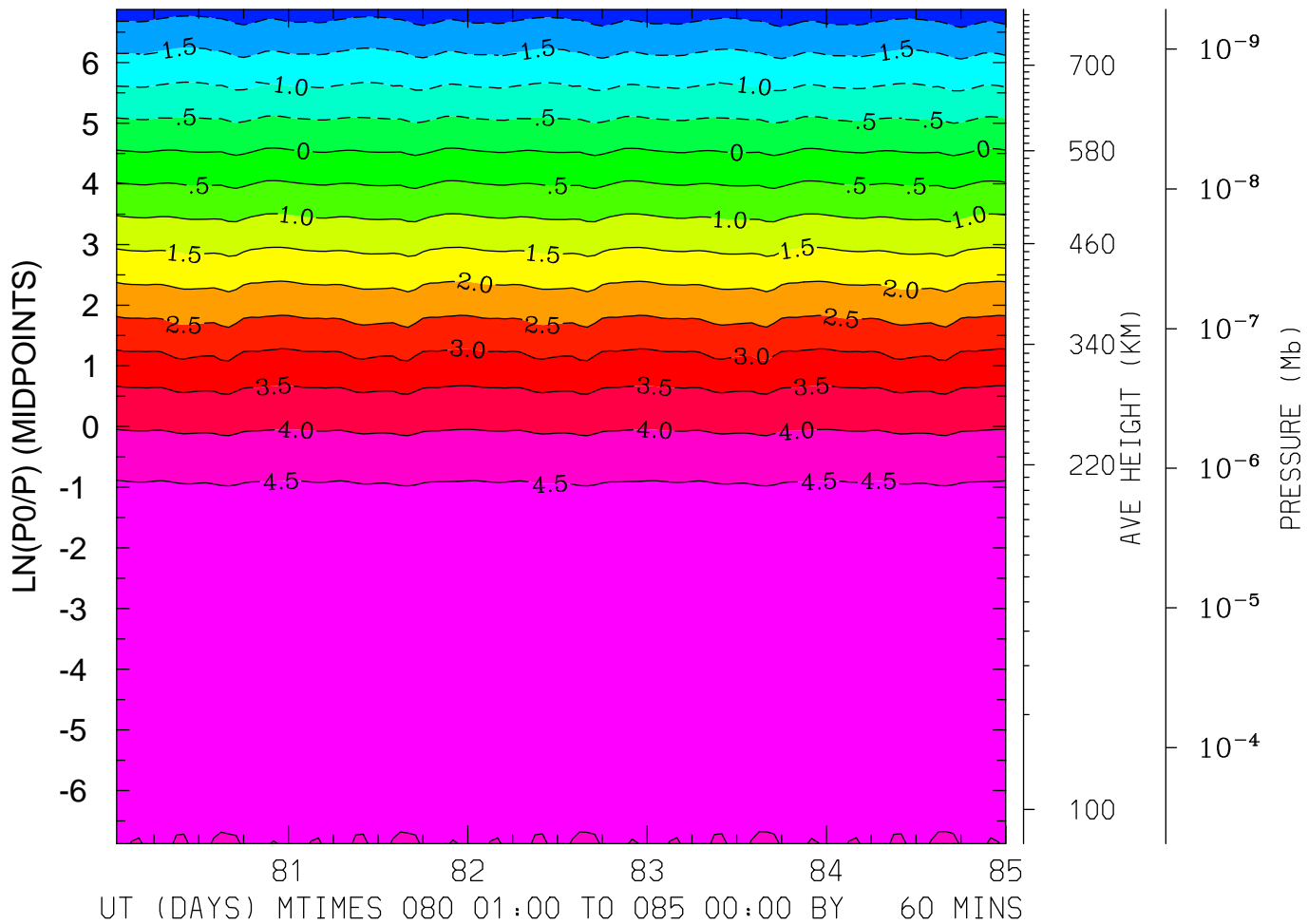
MIN,MAX= -1.8132E+00 4.4378E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O2+ ION (CM3)  
LAT= -1.25 LOCAL TIME= 0.00



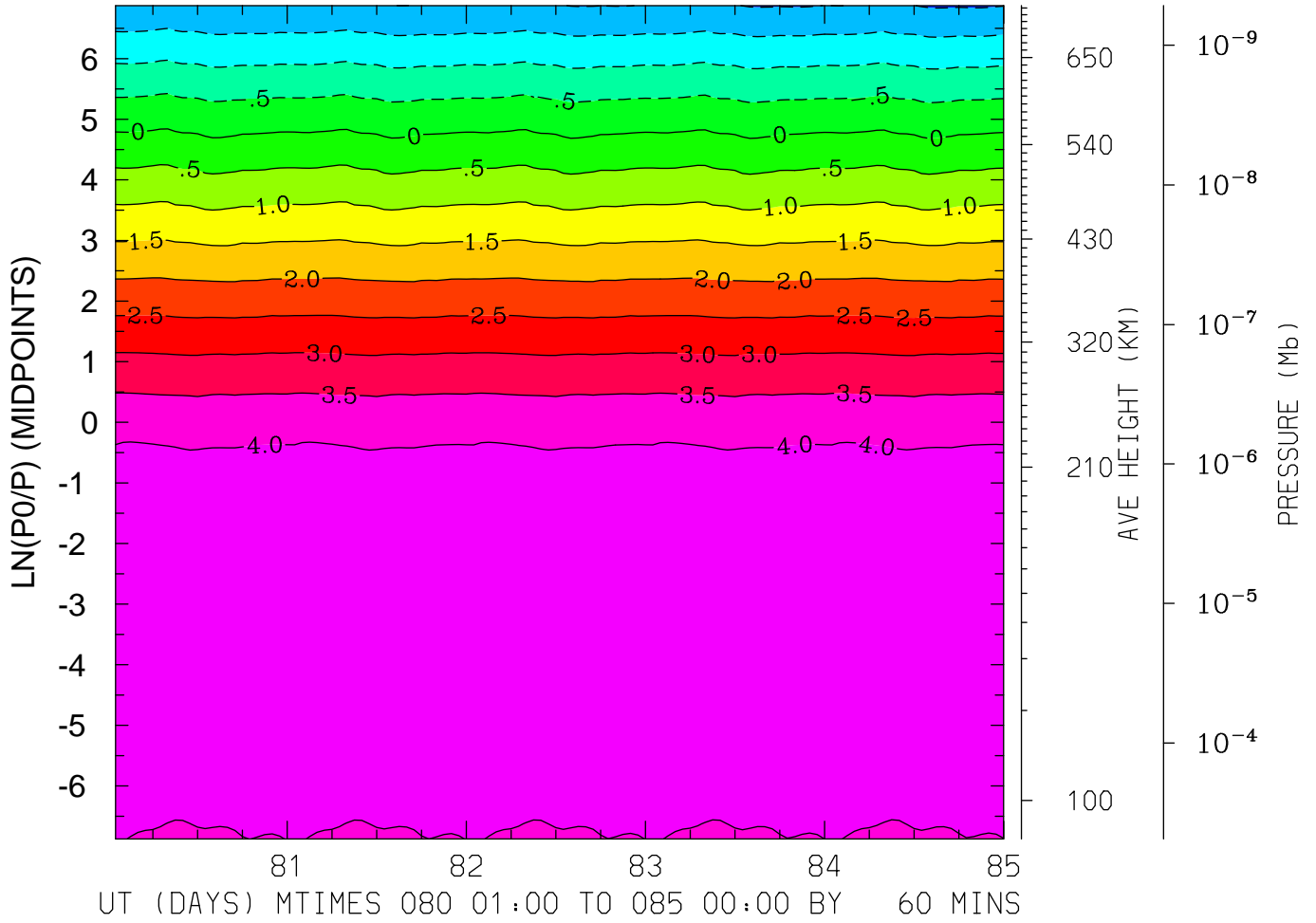
MIN,MAX= -2.1429E+00 3.9236E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O2+ ION (CM3)  
LAT= -1.25 LOCAL TIME=12.00



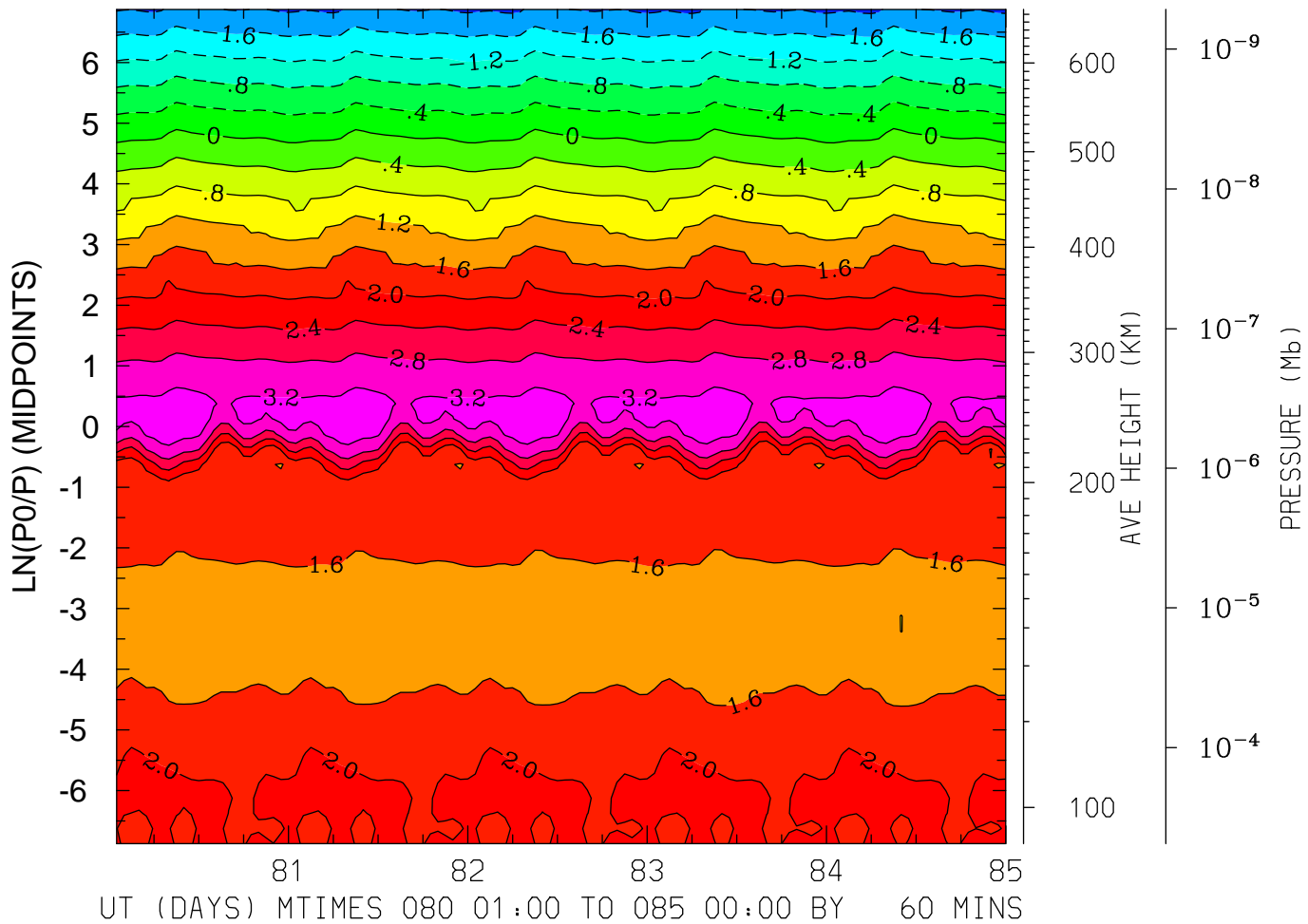
MIN,MAX= -2.2997E+00 4.9761E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O2+ ION (CM3)  
LAT= -1.25 (ZONAL MEANS)



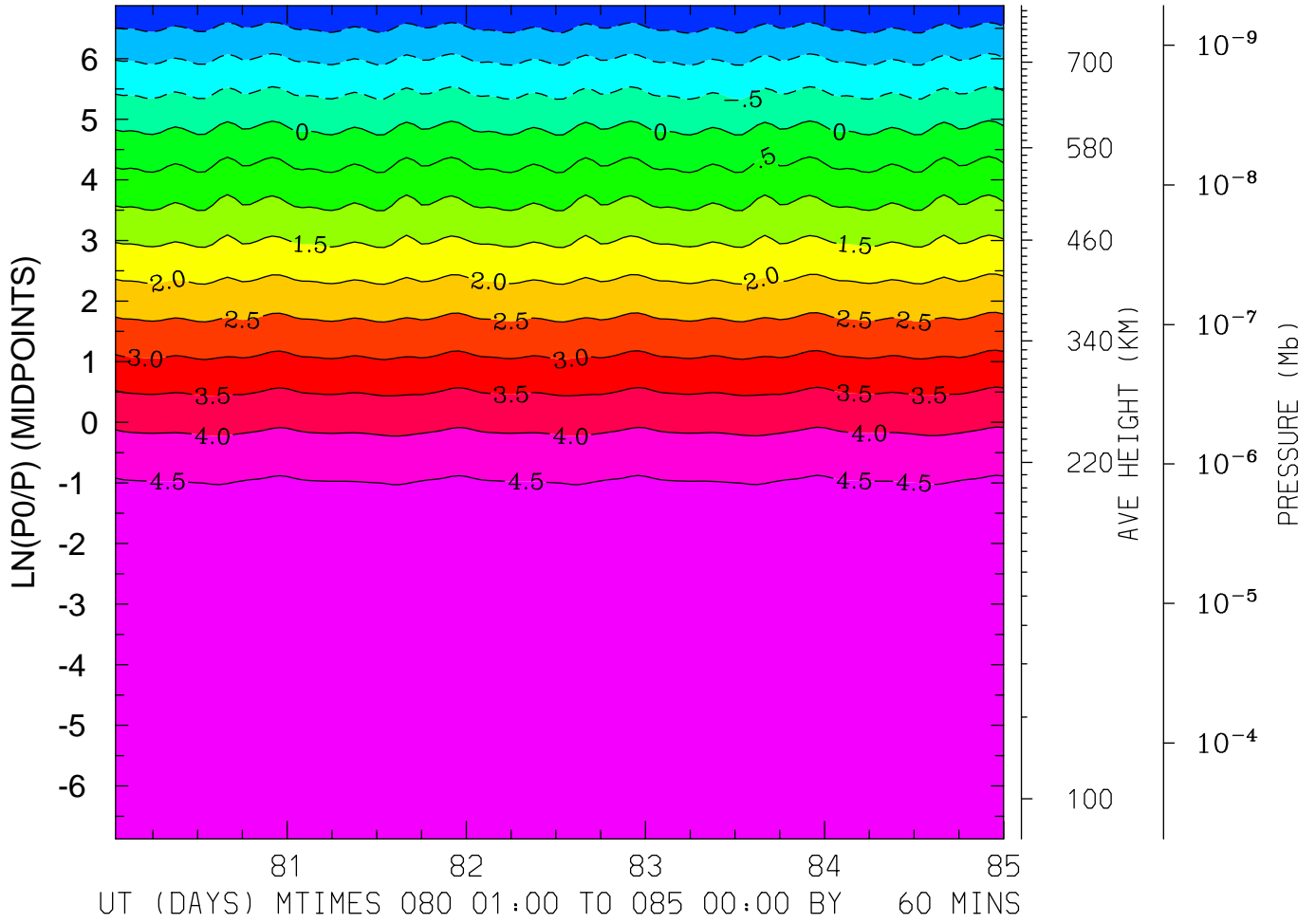
MIN,MAX= -2.0408E+00 4.4903E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O2+ ION (CM3)  
LAT= 38.75 LOCAL TIME= 0.00



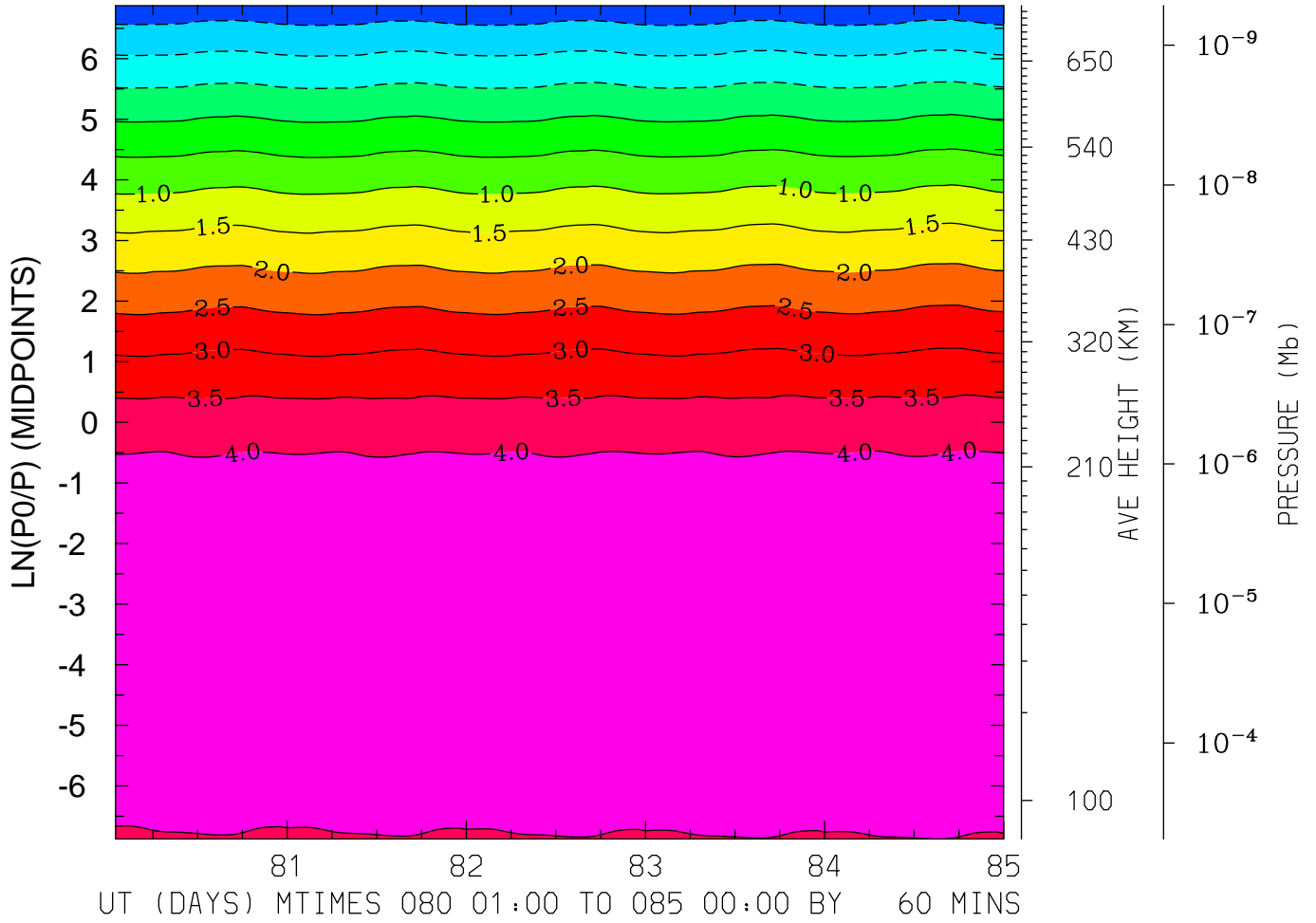
MIN,MAX= -2.0726E+00 3.4387E+00 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O2+ ION (CM3)  
LAT= 38.75 LOCAL TIME=12.00



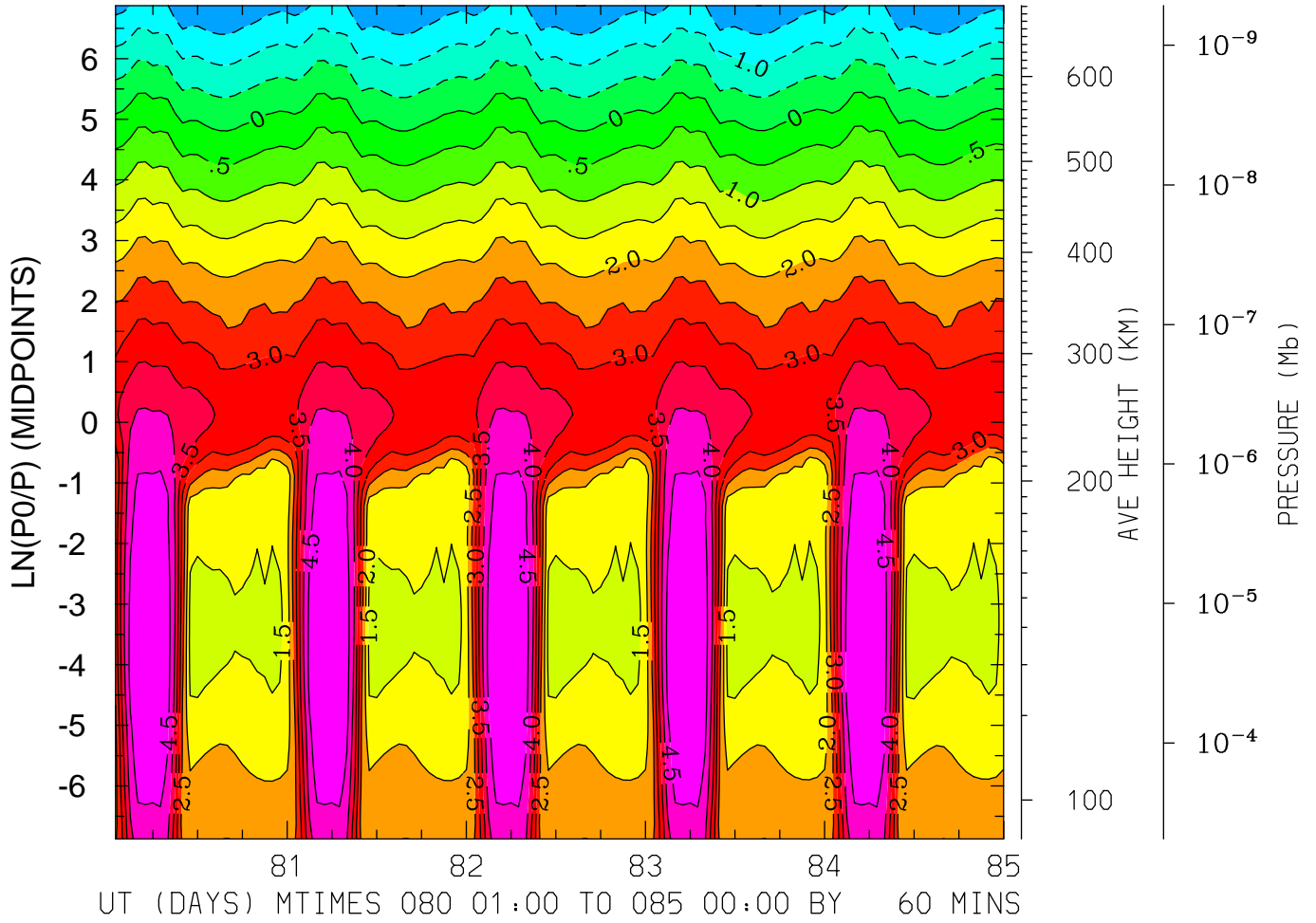
MIN,MAX= -1.9645E+00 4.9097E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O2+ ION (CM3)  
LAT= 38.75 (ZONAL MEANS)



MIN,MAX= -1.8460E+00 4.4523E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

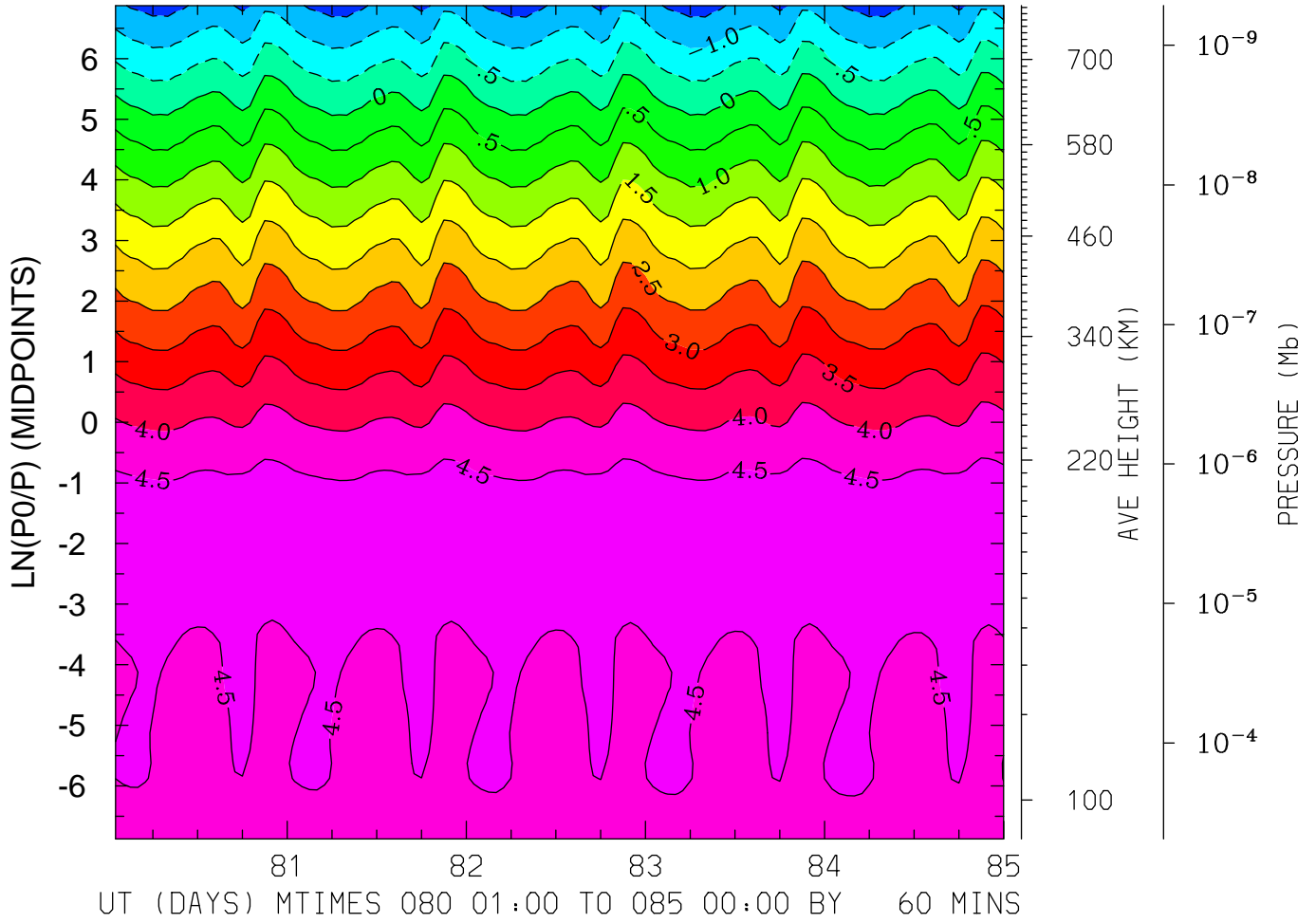
LOG10 O2+ ION (CM3)  
LAT= 58.75 LOCAL TIME= 0.00



MIN,MAX= -2.0071E+00 4.9479E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

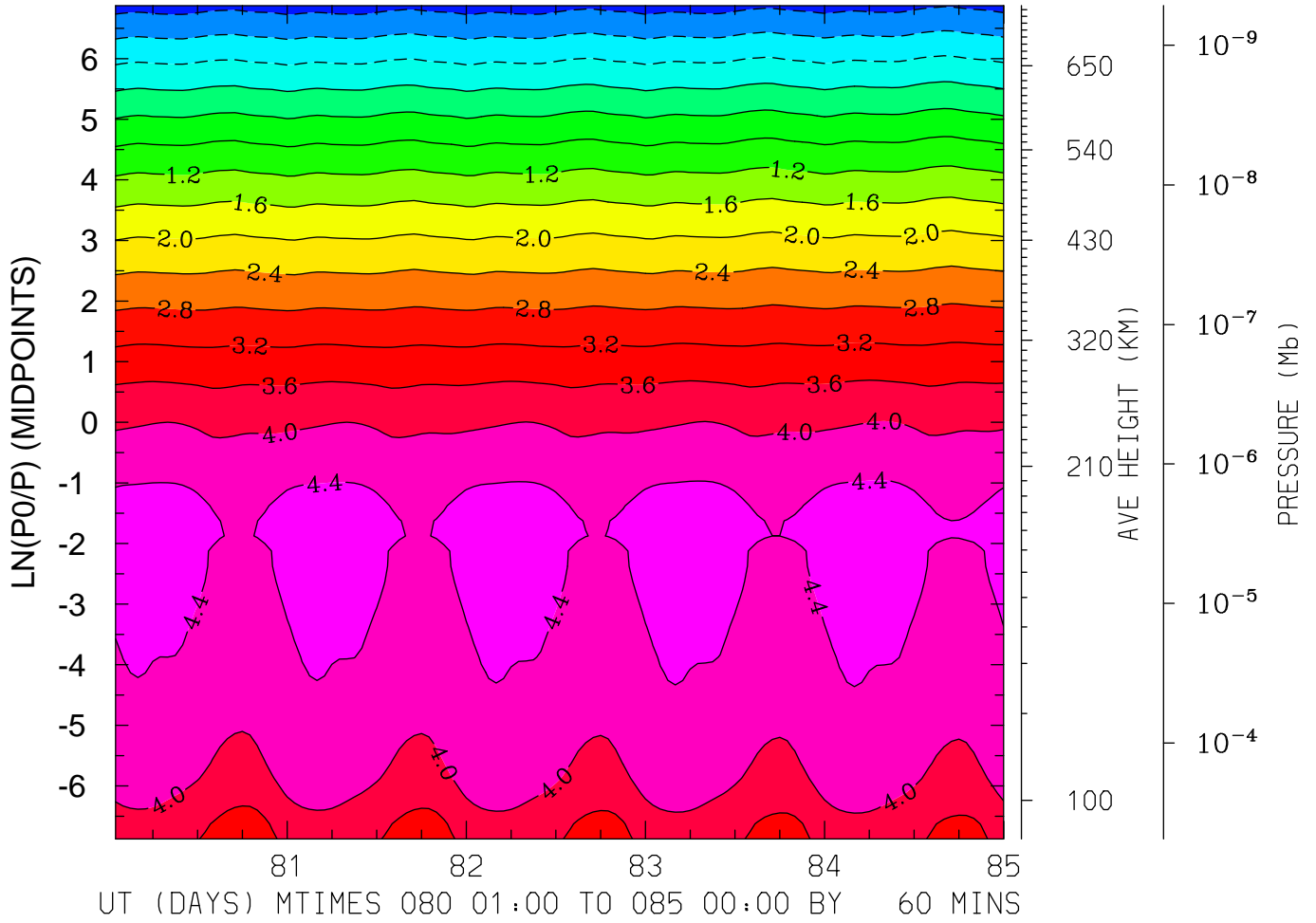


LOG10 O2+ ION (CM3)  
LAT= 58.75 LOCAL TIME=12.00



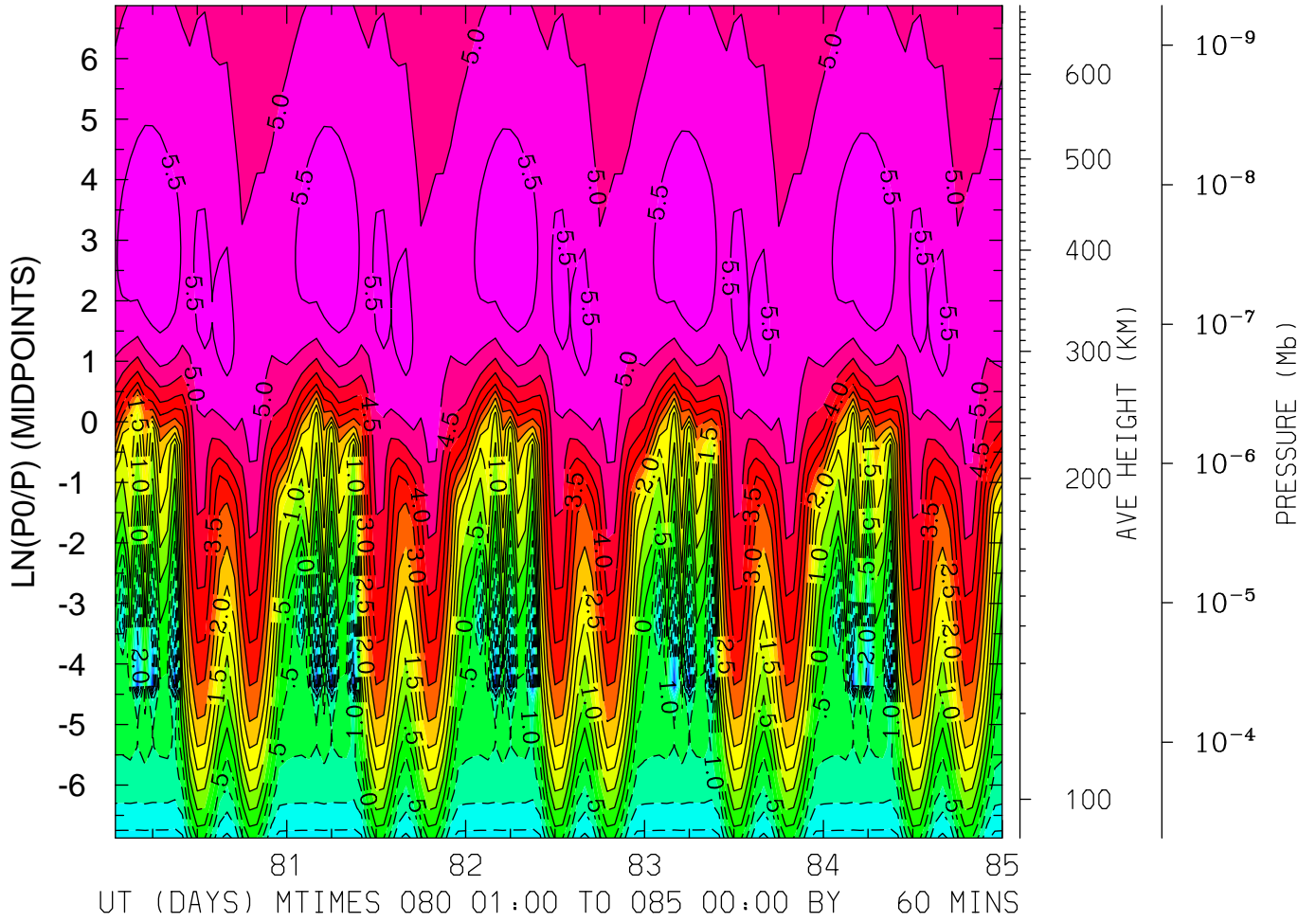
MIN,MAX= -1.6917E+00 4.9383E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O2+ ION (CM3)  
LAT= 58.75 (ZONAL MEANS)



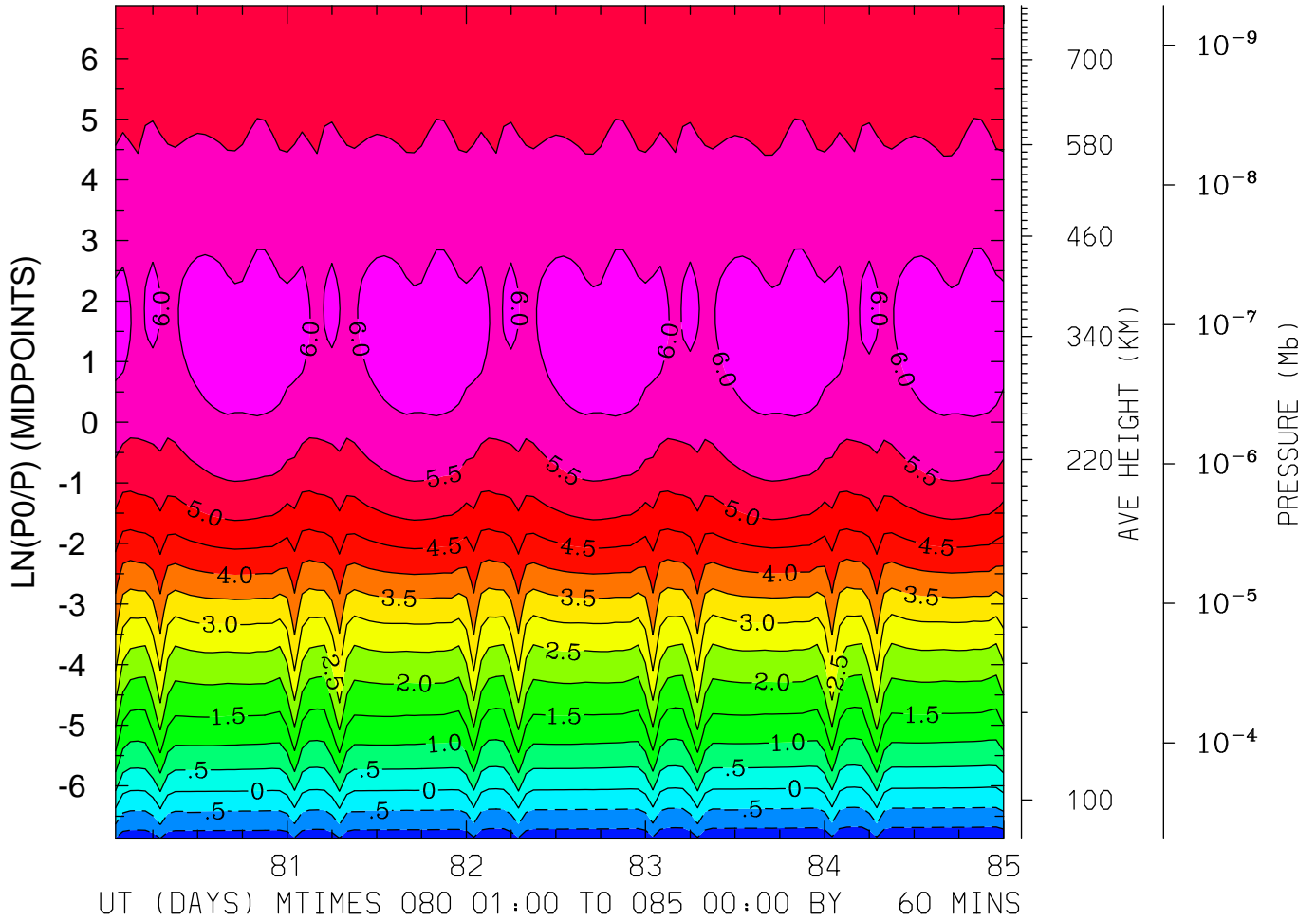
MIN,MAX= -1.3494E+00 4.5366E+00 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O+ ION (CM3)  
LAT=-61.25 LOCAL TIME= 0.00



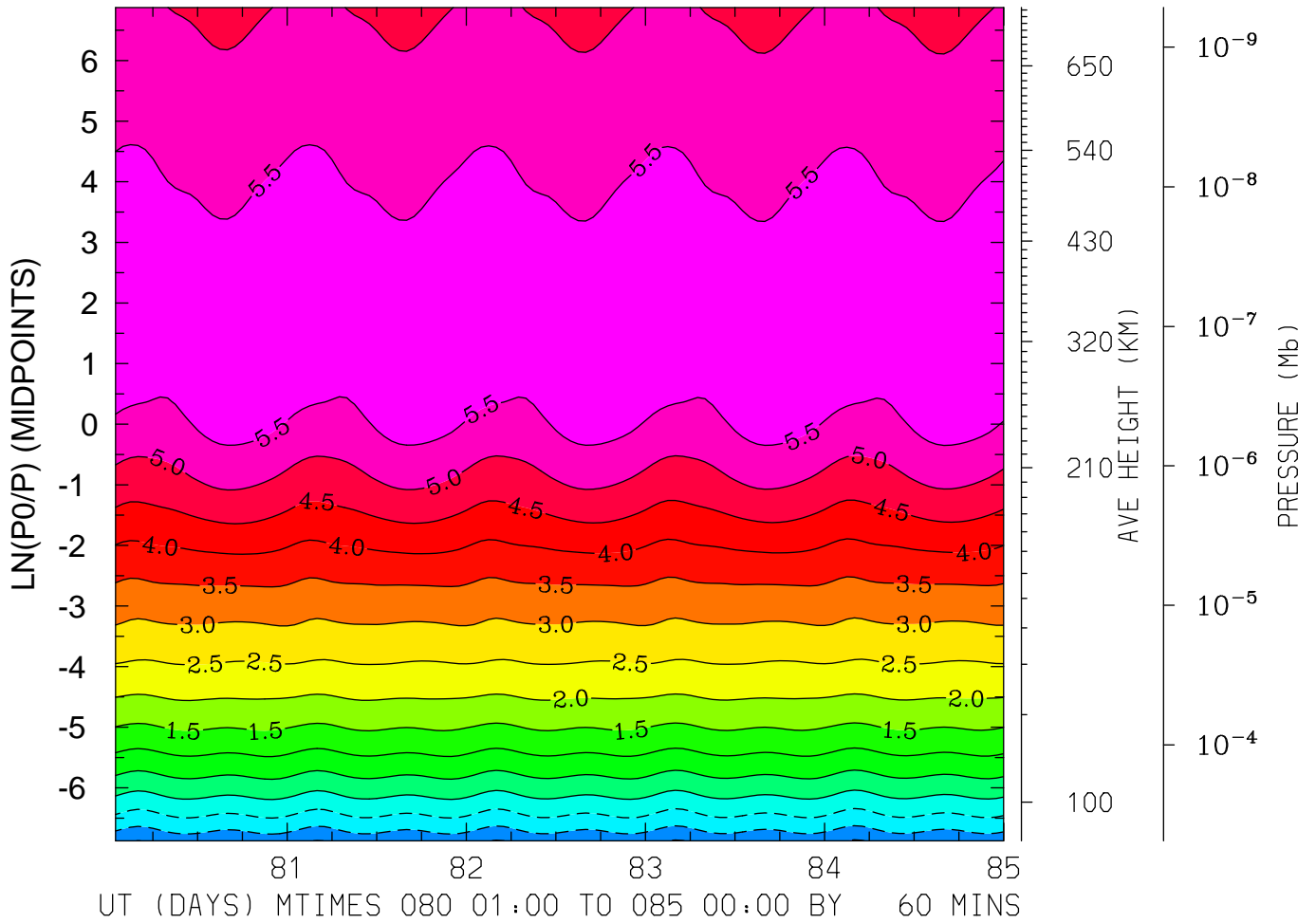
MIN,MAX= -3.5574E+00 5.8518E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O+ ION (CM3)  
LAT=-61.25 LOCAL TIME=12.00



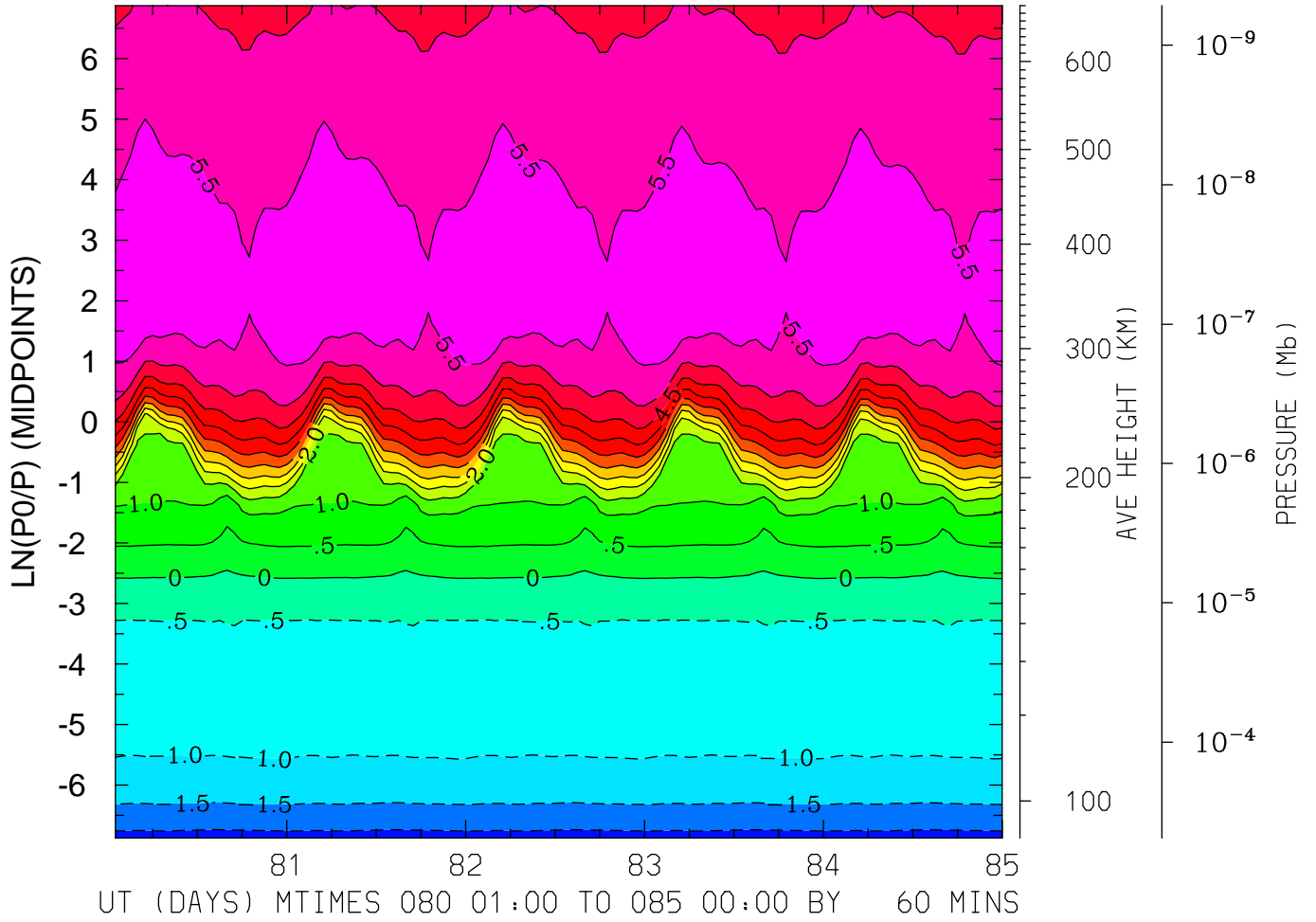
MIN,MAX= -1.3172E+00 6.2200E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O+ ION (CM3)  
LAT=-61.25 (ZONAL MEANS)



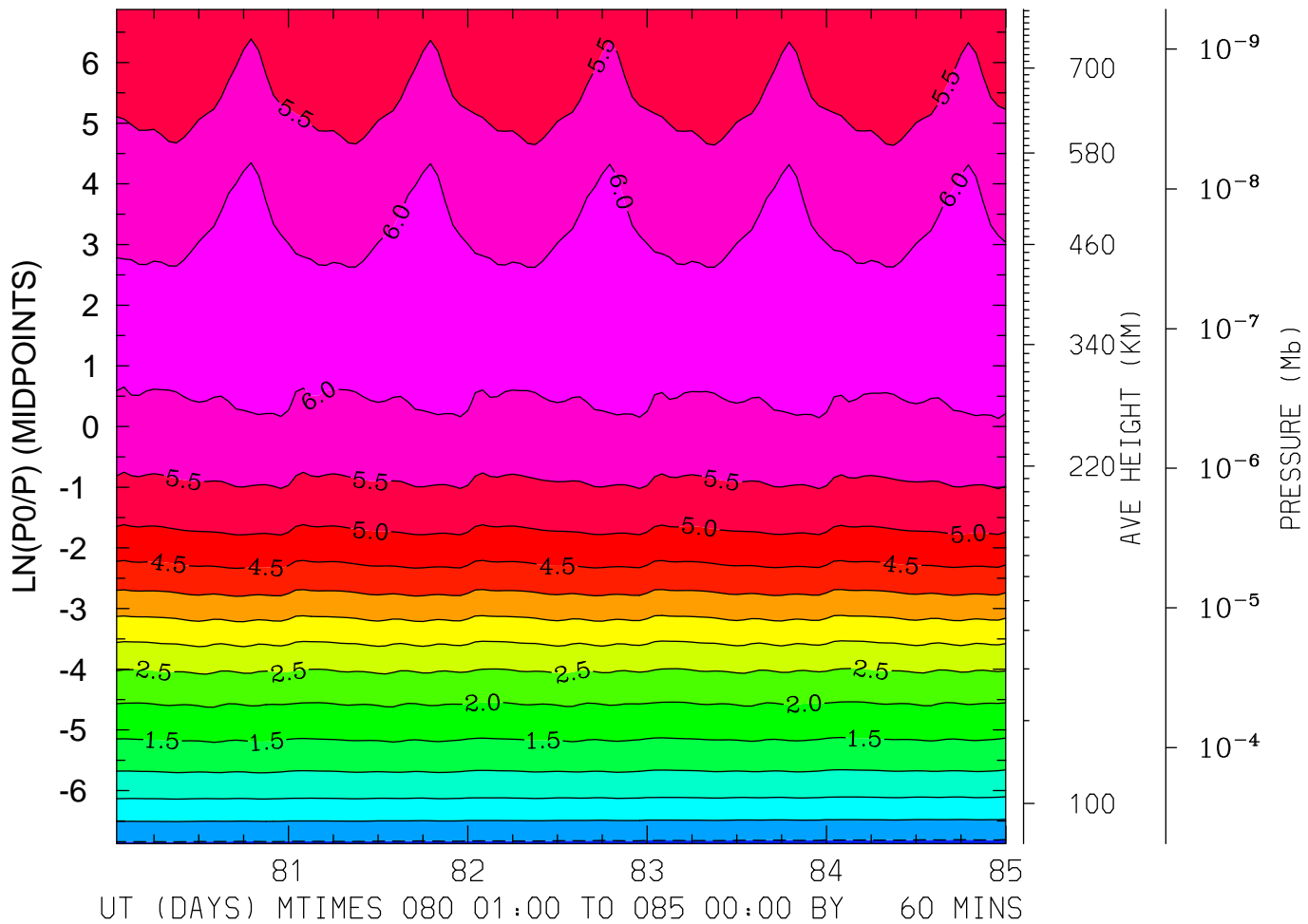
MIN,MAX= -1.5383E+00 5.9237E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O+ ION (CM3)  
LAT=-41.25 LOCAL TIME= 0.00



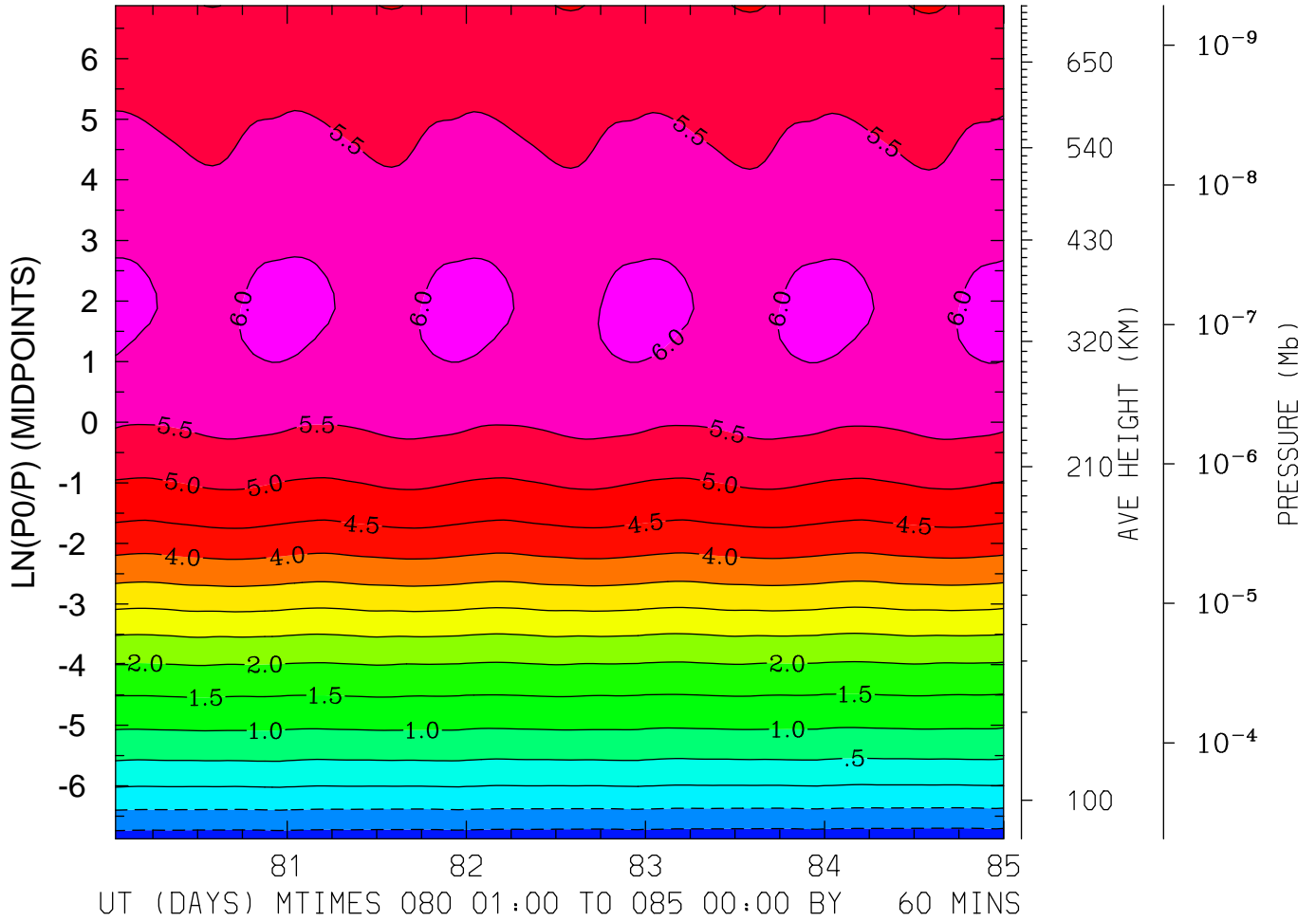
MIN,MAX= -2.1908E+00 5.9581E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O+ ION (CM3)  
LAT=-41.25 LOCAL TIME=12.00



MIN,MAX= -6.0481E-01 6.3794E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

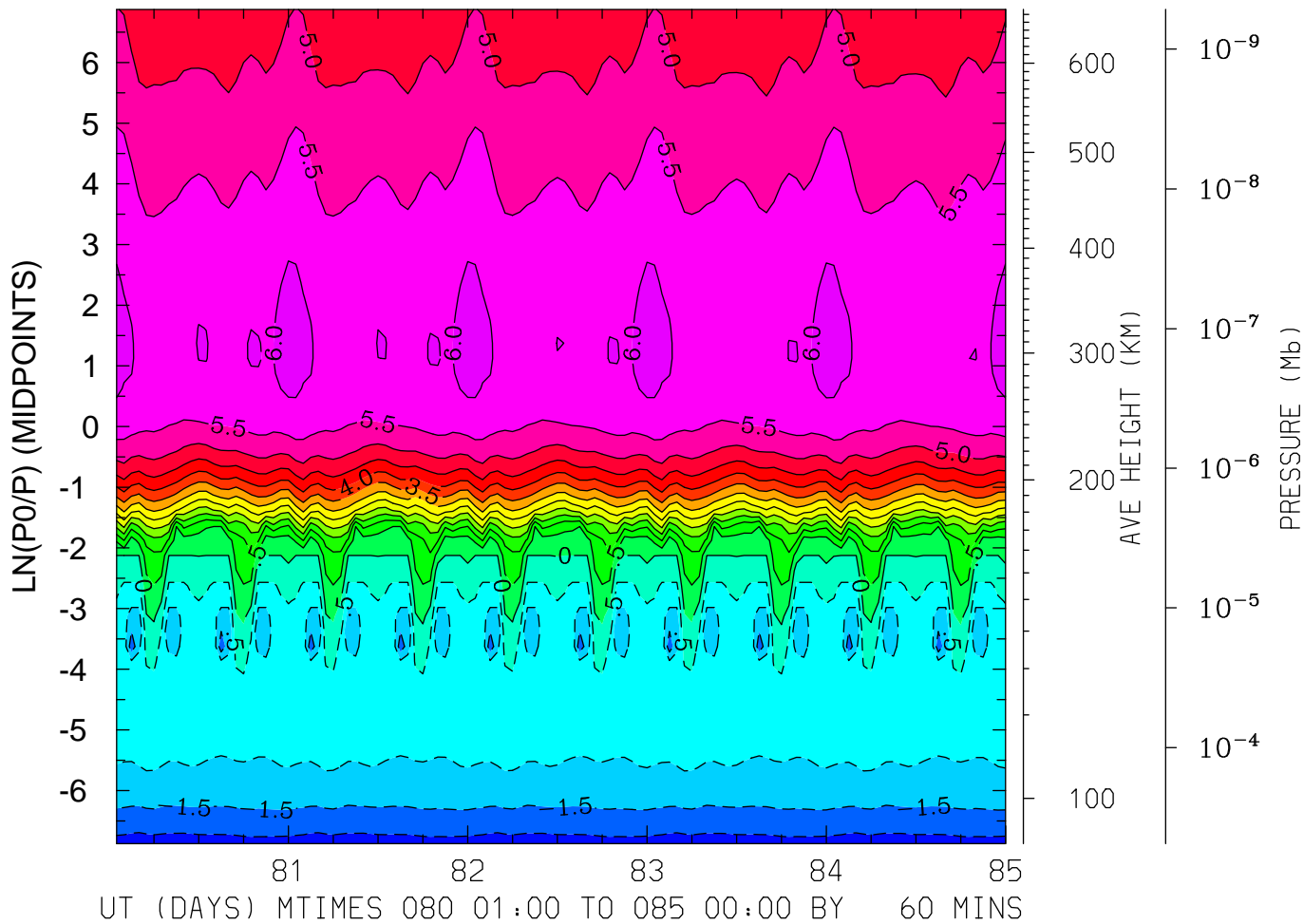
LOG10 O+ ION (CM3)  
LAT=-41.25 (ZONAL MEANS)



MIN,MAX= -1.2732E+00 6.0759E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

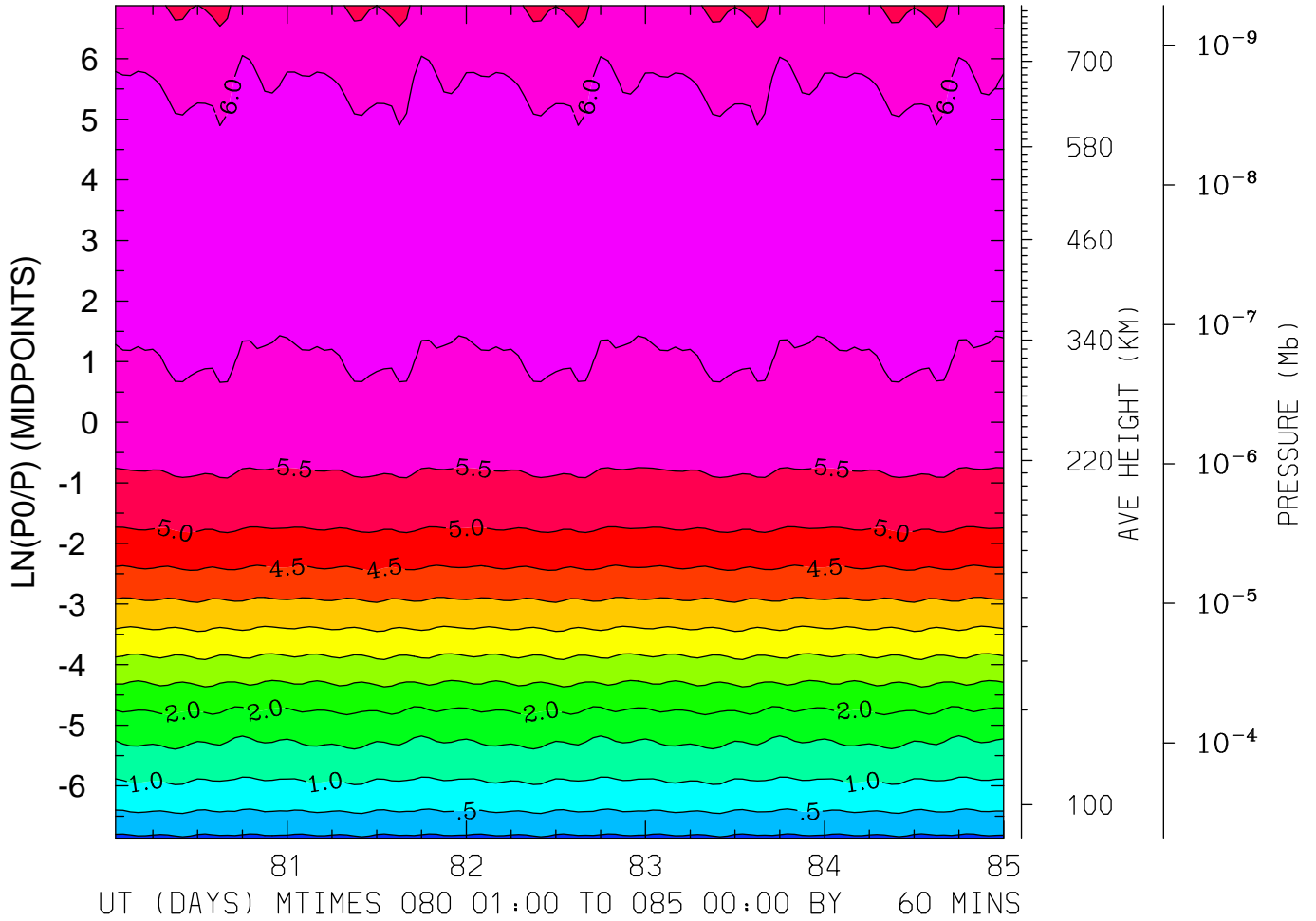


LOG10 O+ ION (CM3)  
LAT= -1.25 LOCAL TIME= 0.00



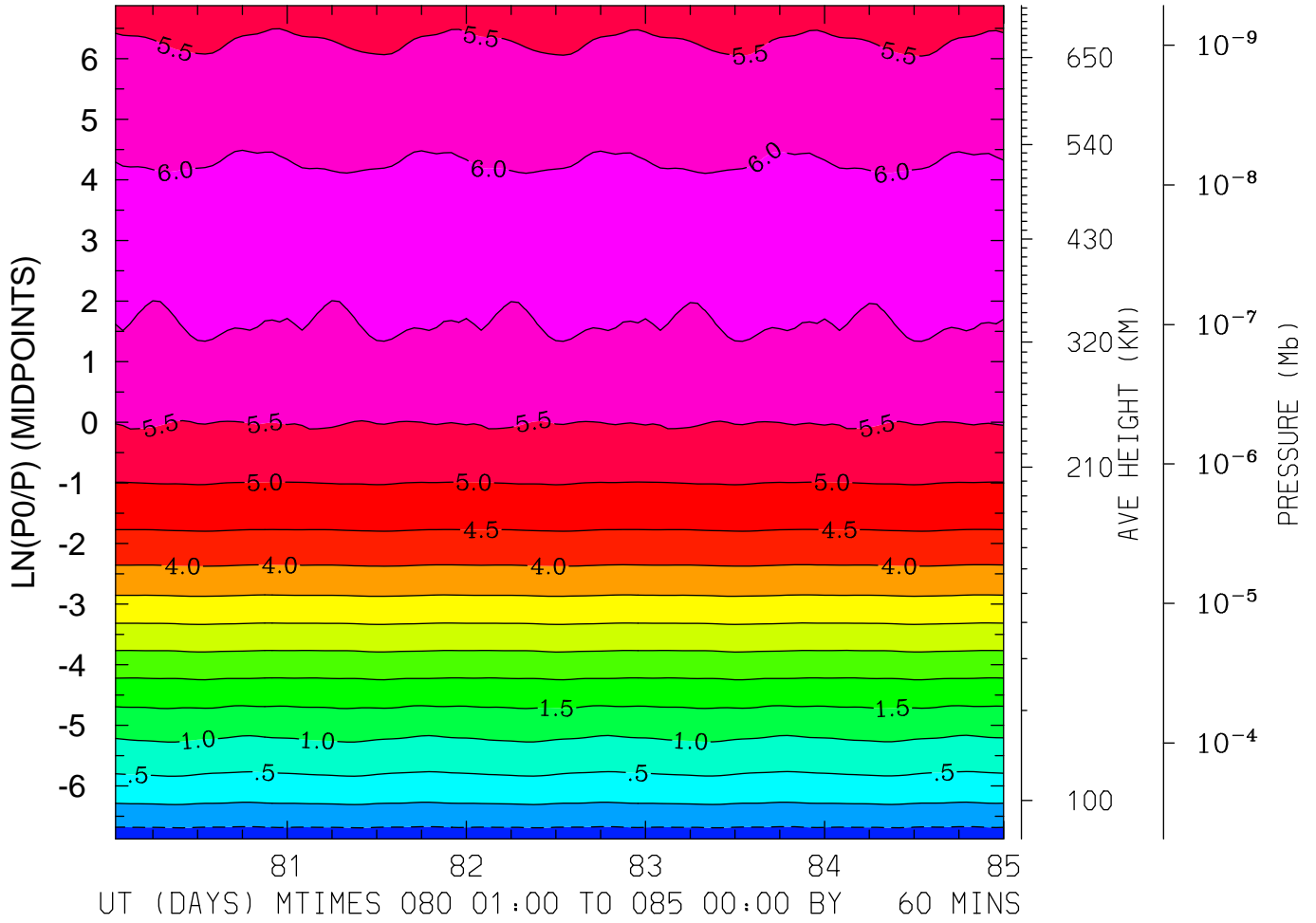
MIN,MAX= -2.2664E+00 6.1740E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O+ ION (CM3)  
LAT= -1.25 LOCAL TIME=12.00



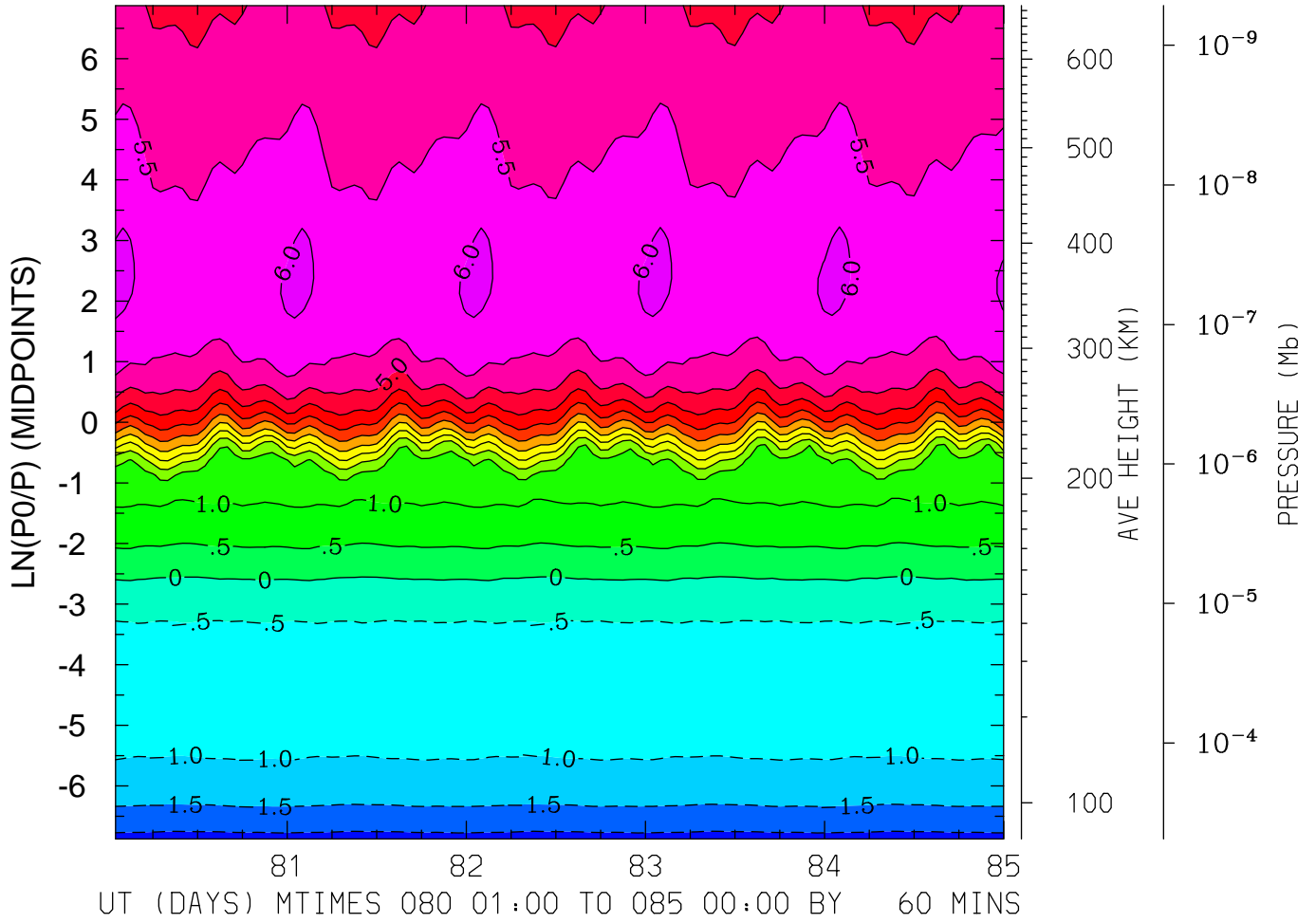
MIN,MAX= -1.1204E-01 6.4199E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O+ ION (CM3)  
LAT= -1.25 (ZONAL MEANS)



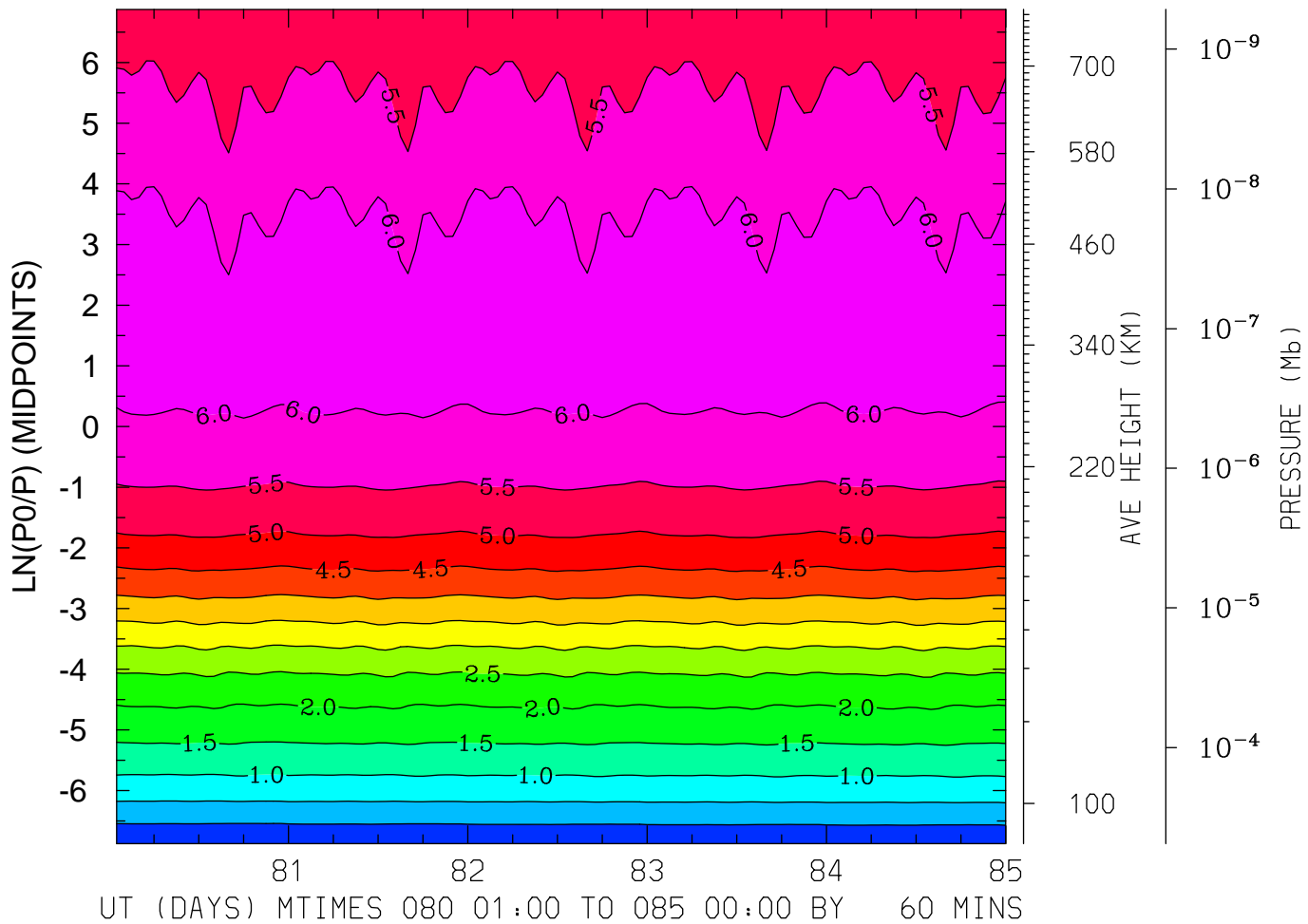
MIN,MAX= -7.9237E-01 6.1682E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O+ ION (CM3)  
LAT= 38.75 LOCAL TIME= 0.00



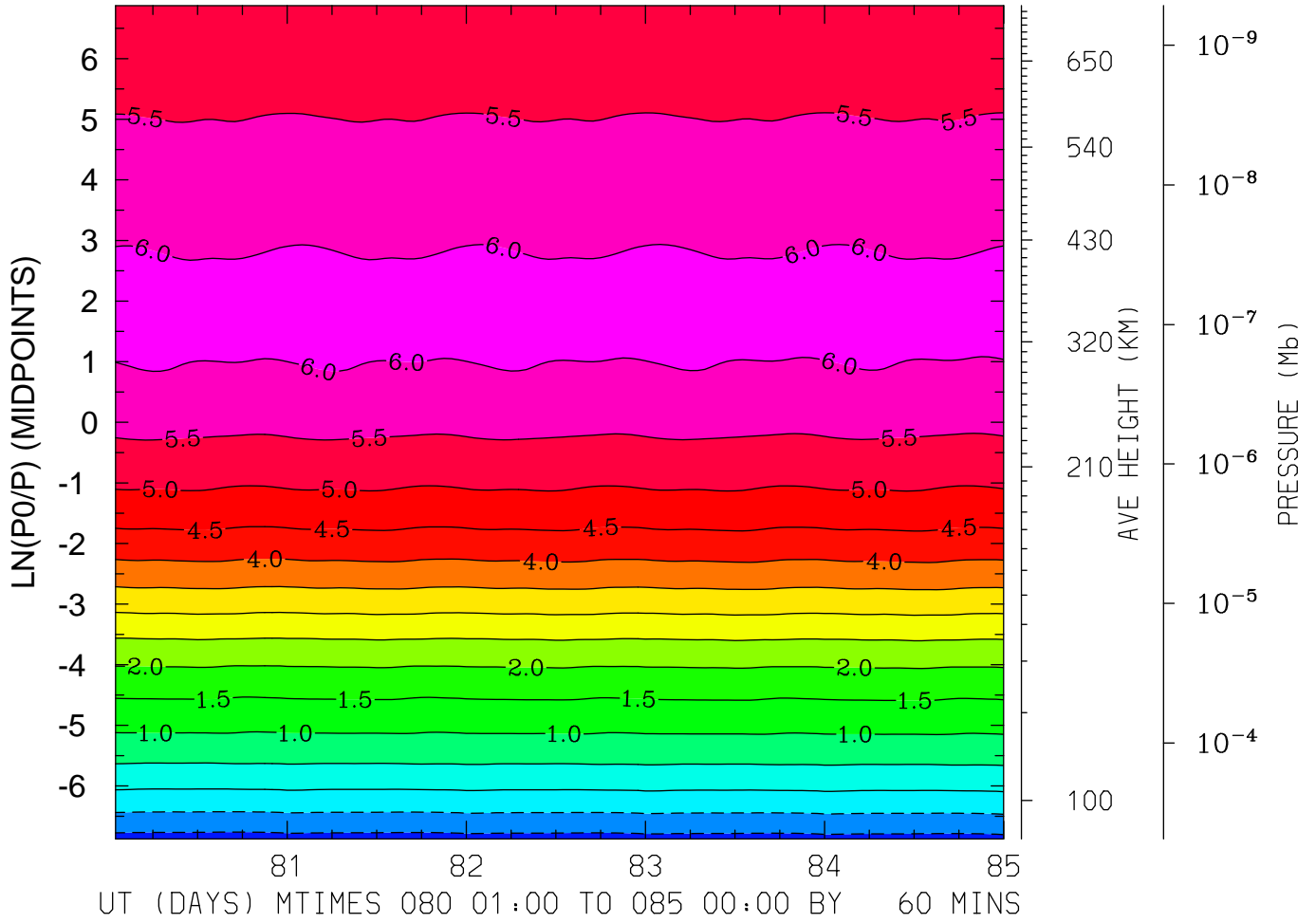
MIN,MAX= -2.1730E+00 6.0575E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O+ ION (CM3)  
LAT= 38.75 LOCAL TIME=12.00



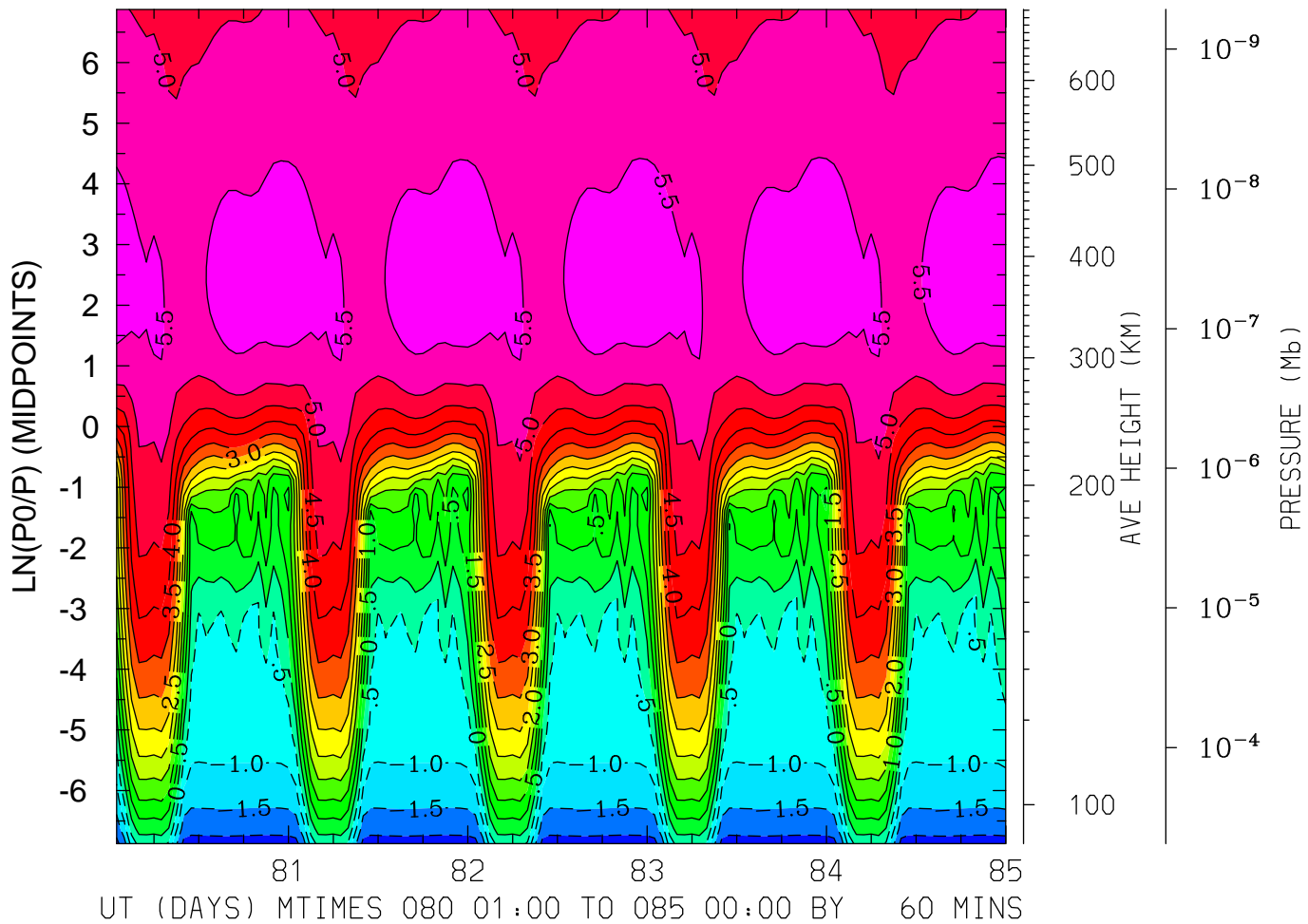
MIN,MAX= -4.9953E-01 6.3319E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O+ ION (CM3)  
LAT= 38.75 (ZONAL MEANS)



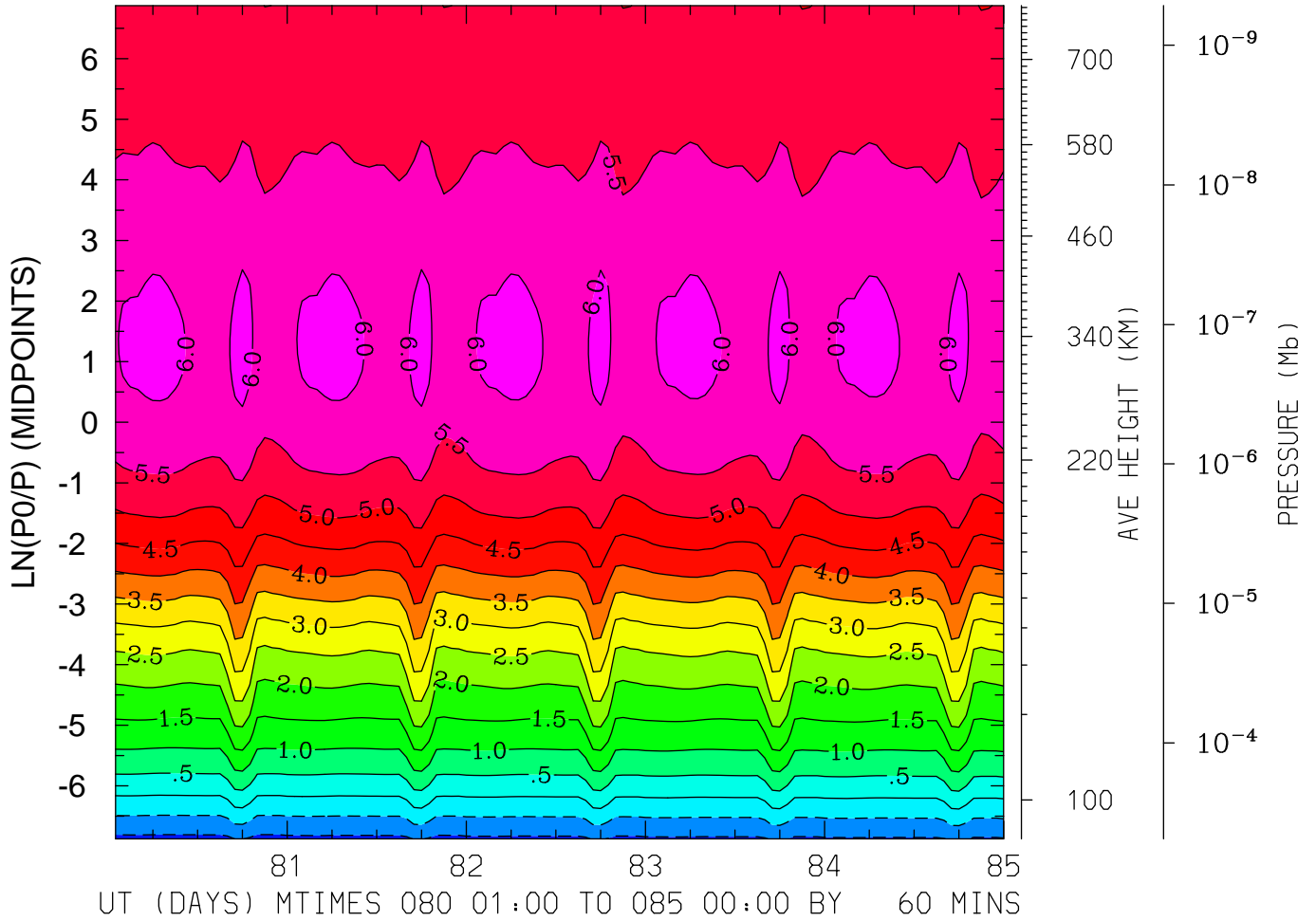
MIN,MAX= -1.1748E+00 6.1065E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

LOG10 O+ ION (CM3)  
LAT= 58.75 LOCAL TIME= 0.00



MIN,MAX= -2.1938E+00 5.7607E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

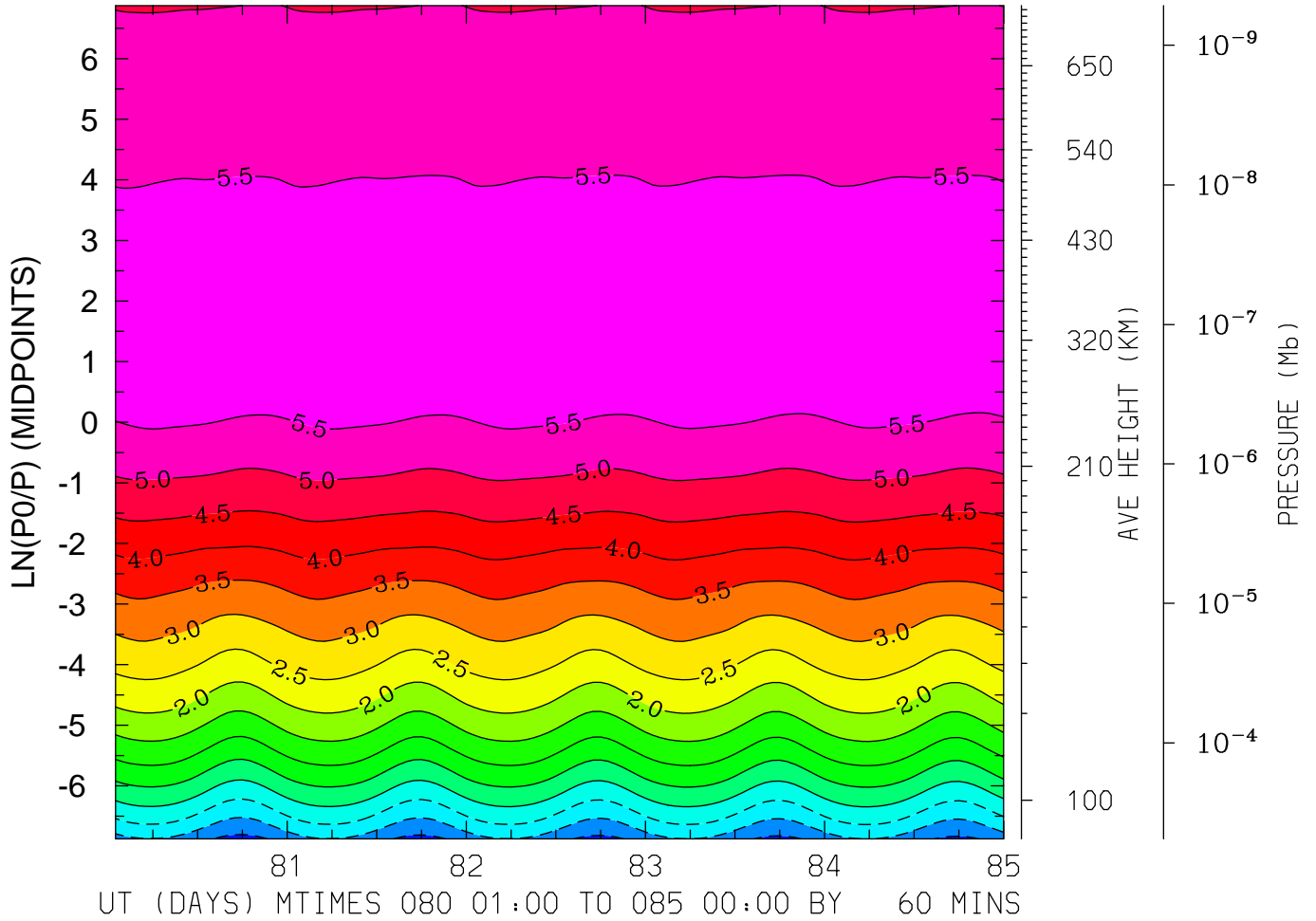
LOG10 O+ ION (CM3)  
LAT= 58.75 LOCAL TIME=12.00



MIN,MAX= -1.1119E+00 6.1534E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

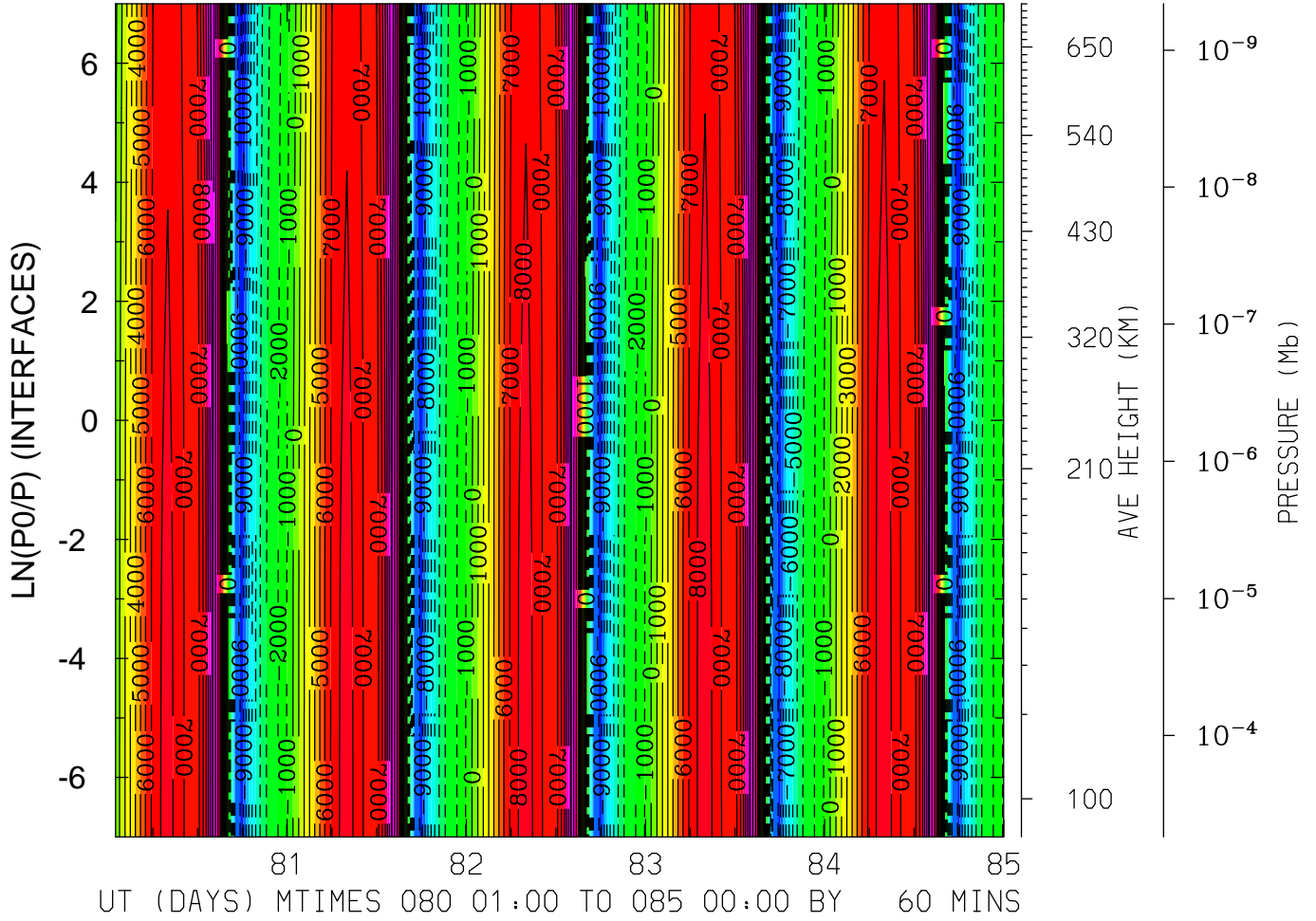


LOG10 O+ ION (CM3)  
LAT= 58.75 (ZONAL MEANS)



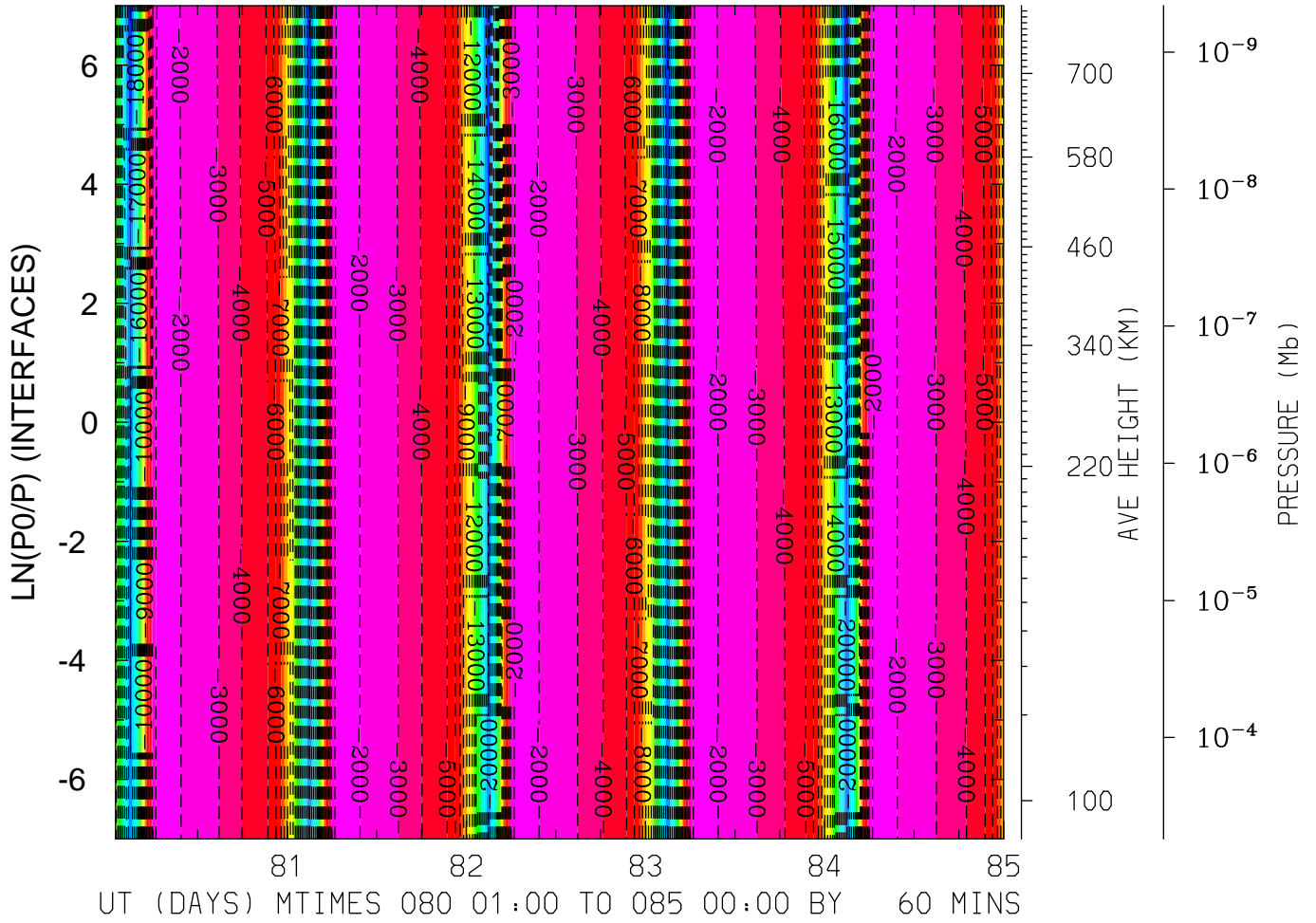
MIN,MAX= -1.6316E+00 5.8819E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
 LAT=-61.25 LOCAL TIME= 0.00



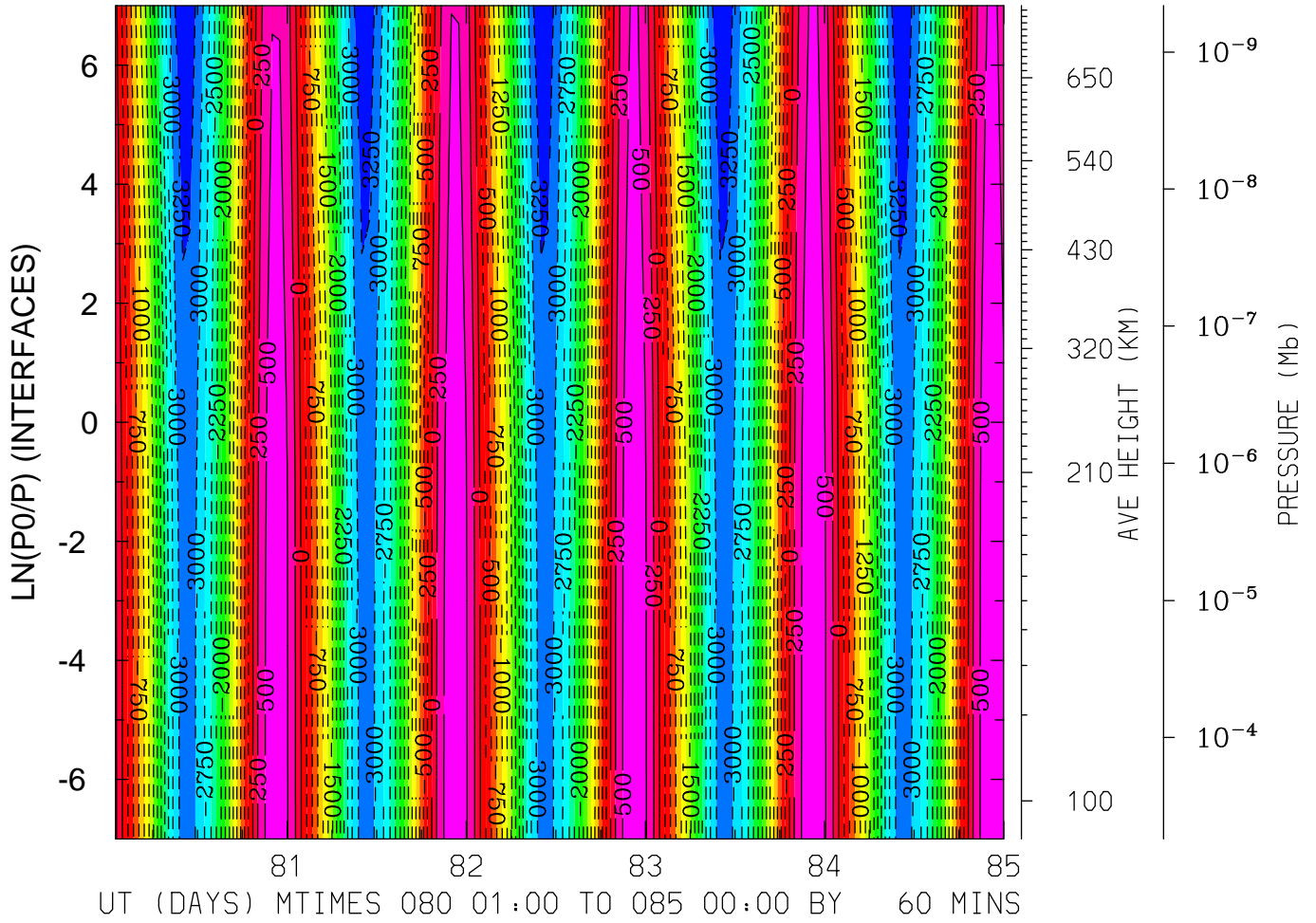
MIN,MAX= -1.0430E+04 1.2900E+04 INTERVAL= 1.0000E+03  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
 LAT=-61.25 LOCAL TIME=12.00



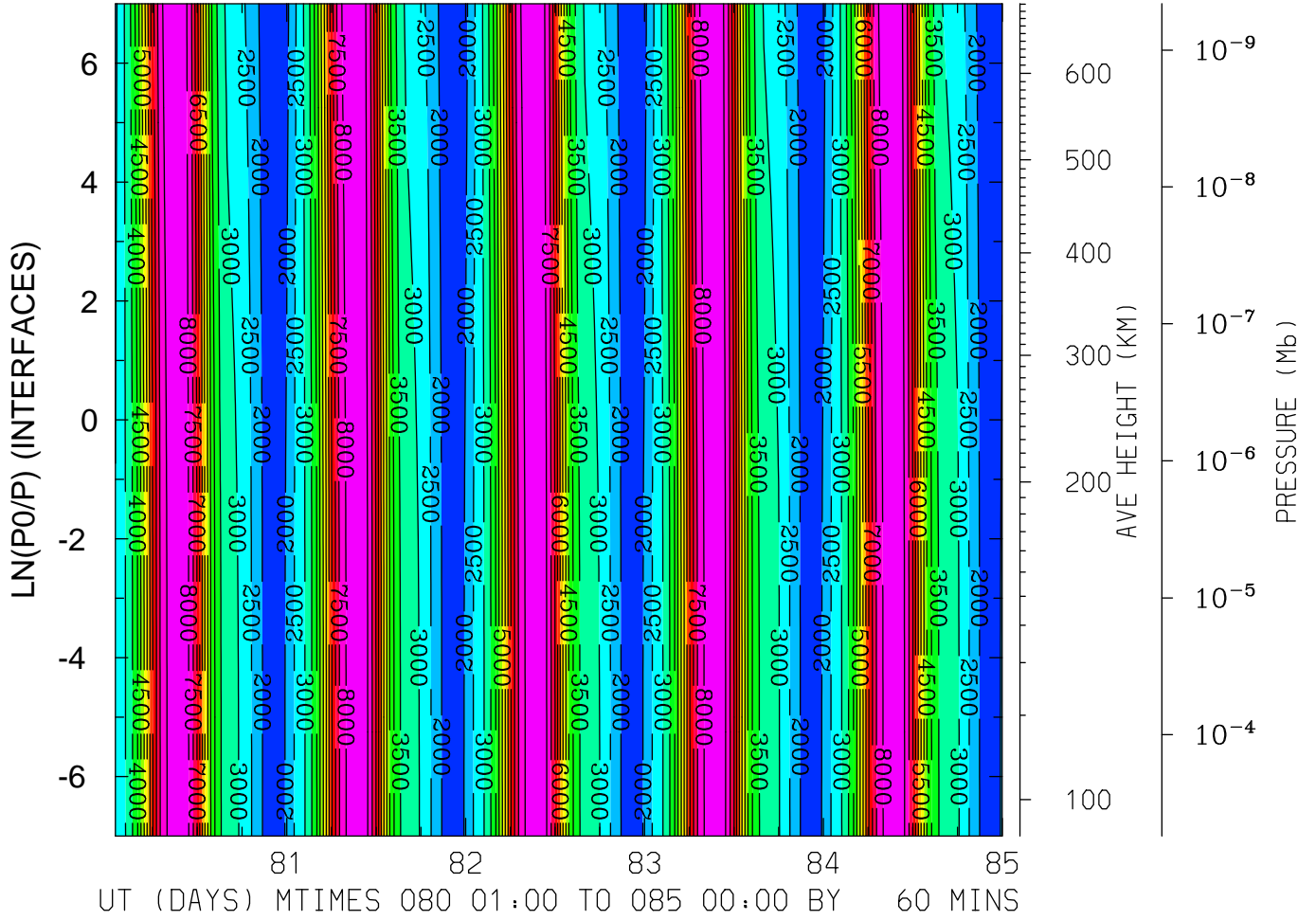
MIN,MAX= -2.1195E+04 -1.0357E+03 INTERVAL= 1.0000E+03  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
LAT=-61.25 (ZONAL MEANS)



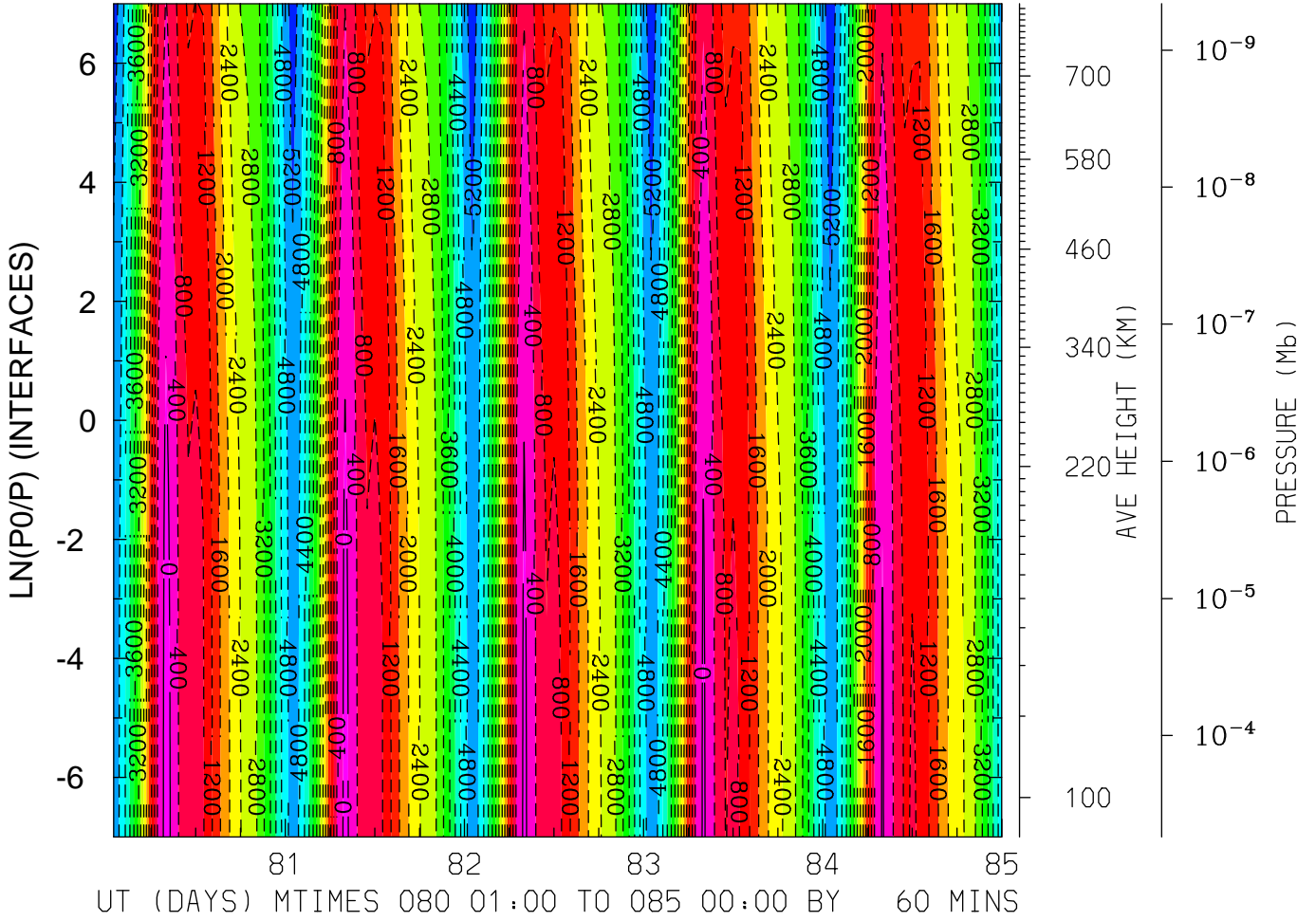
MIN,MAX= -3.4358E+03 6.6422E+02 INTERVAL= 2.5000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
 LAT=-41.25 LOCAL TIME= 0.00



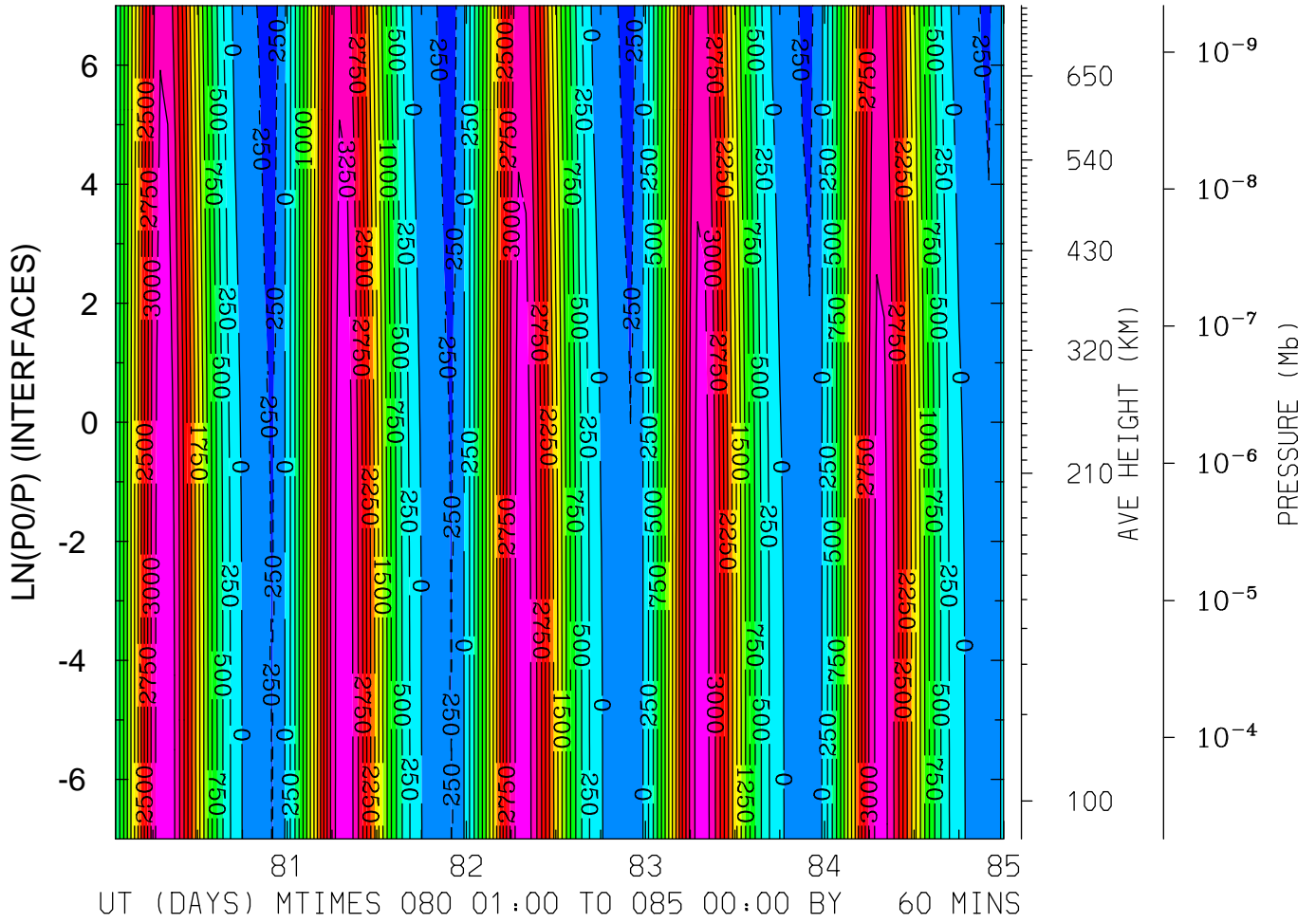
MIN,MAX= 1.5992E+03 8.4856E+03 INTERVAL= 5.0000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
LAT=-41.25 LOCAL TIME=12.00



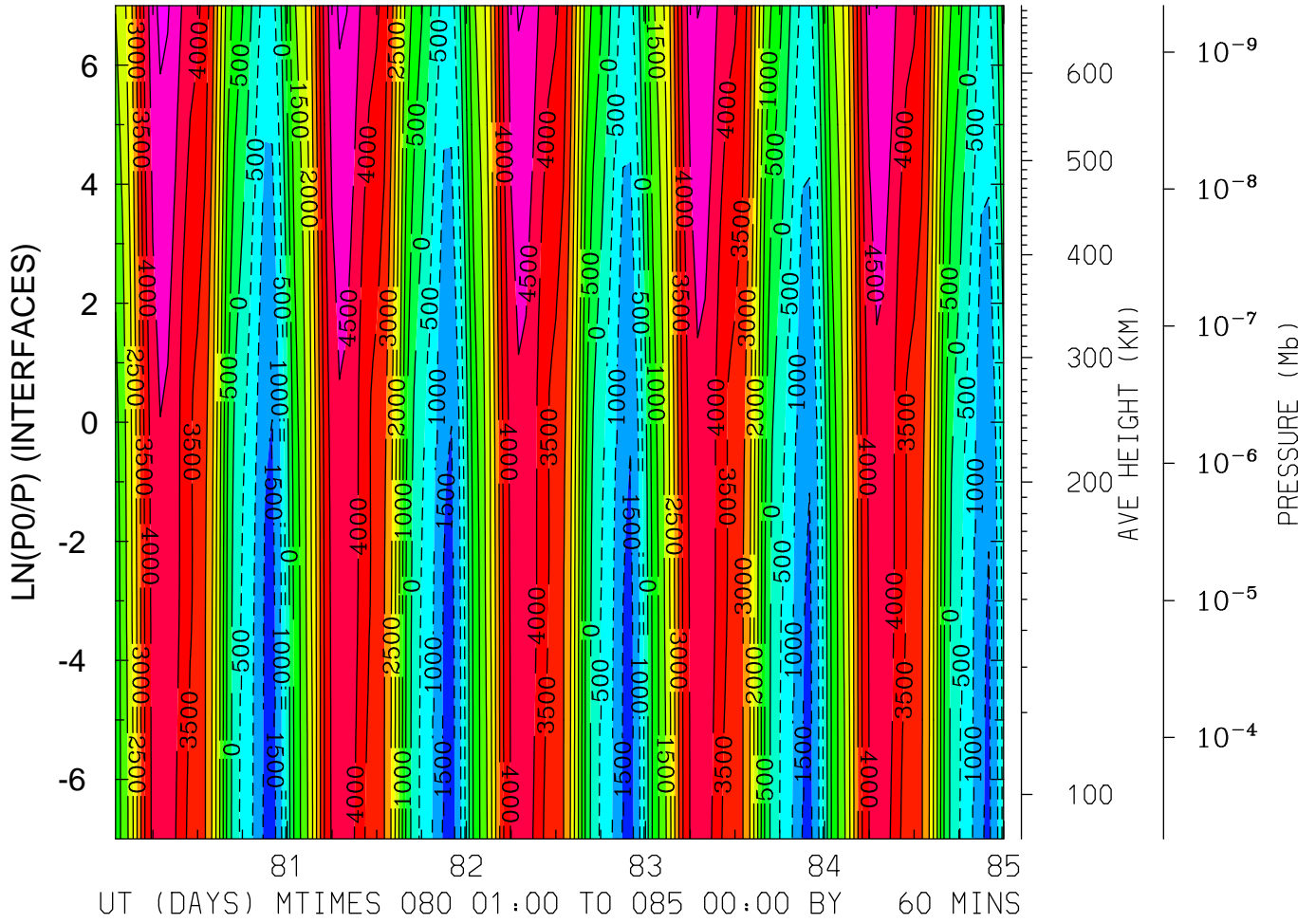
MIN,MAX= -5.4481E+03 1.3676E+02 INTERVAL= 4.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
 LAT=-41.25 (ZONAL MEANS)



MIN,MAX= -3.1301E+02 3.4633E+03 INTERVAL= 2.5000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

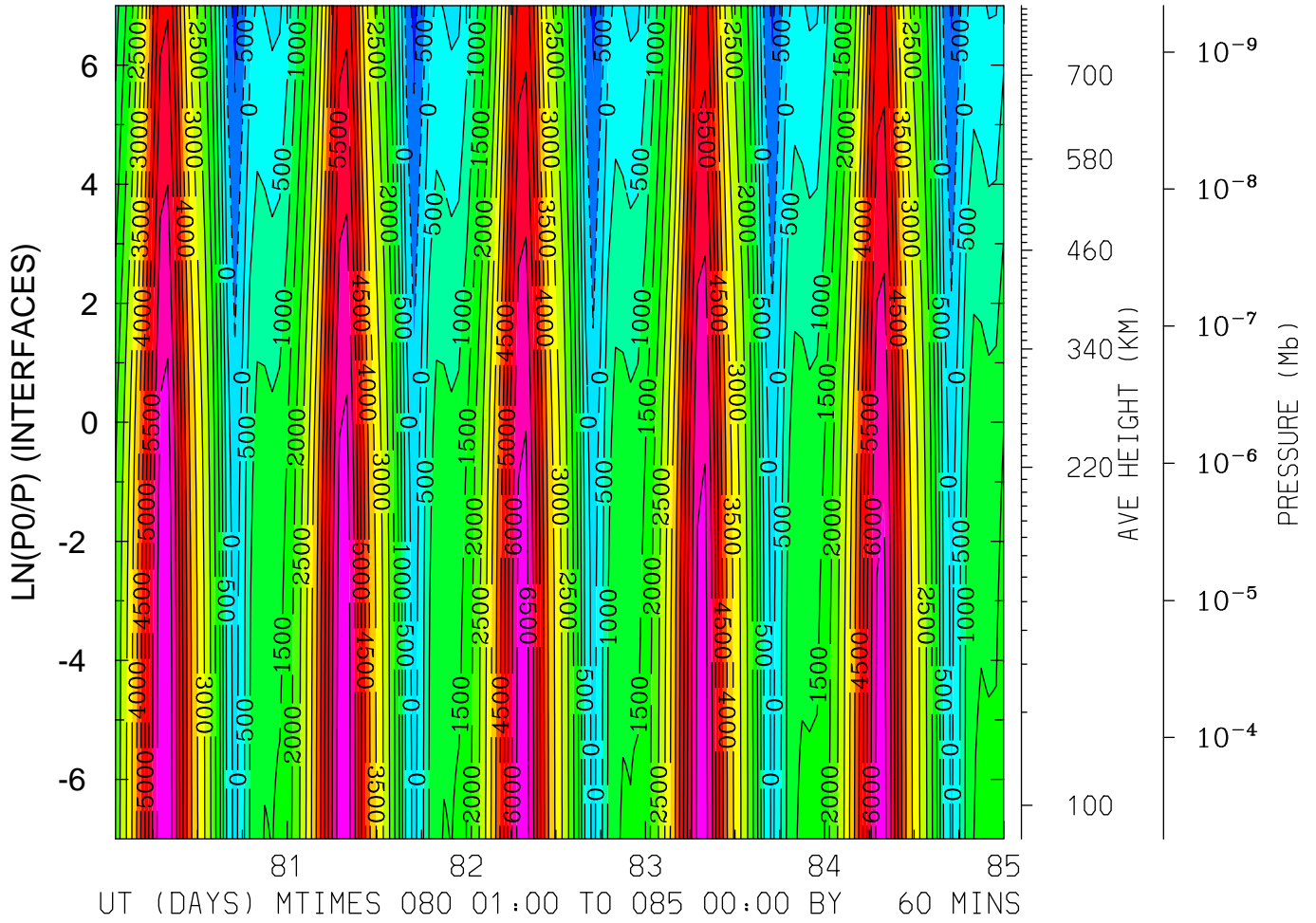
ELECTRIC POTENTIAL (VOLTS)  
LAT= -1.25 LOCAL TIME= 0.00



MIN,MAX= -1.7083E+03 5.1142E+03 INTERVAL= 5.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

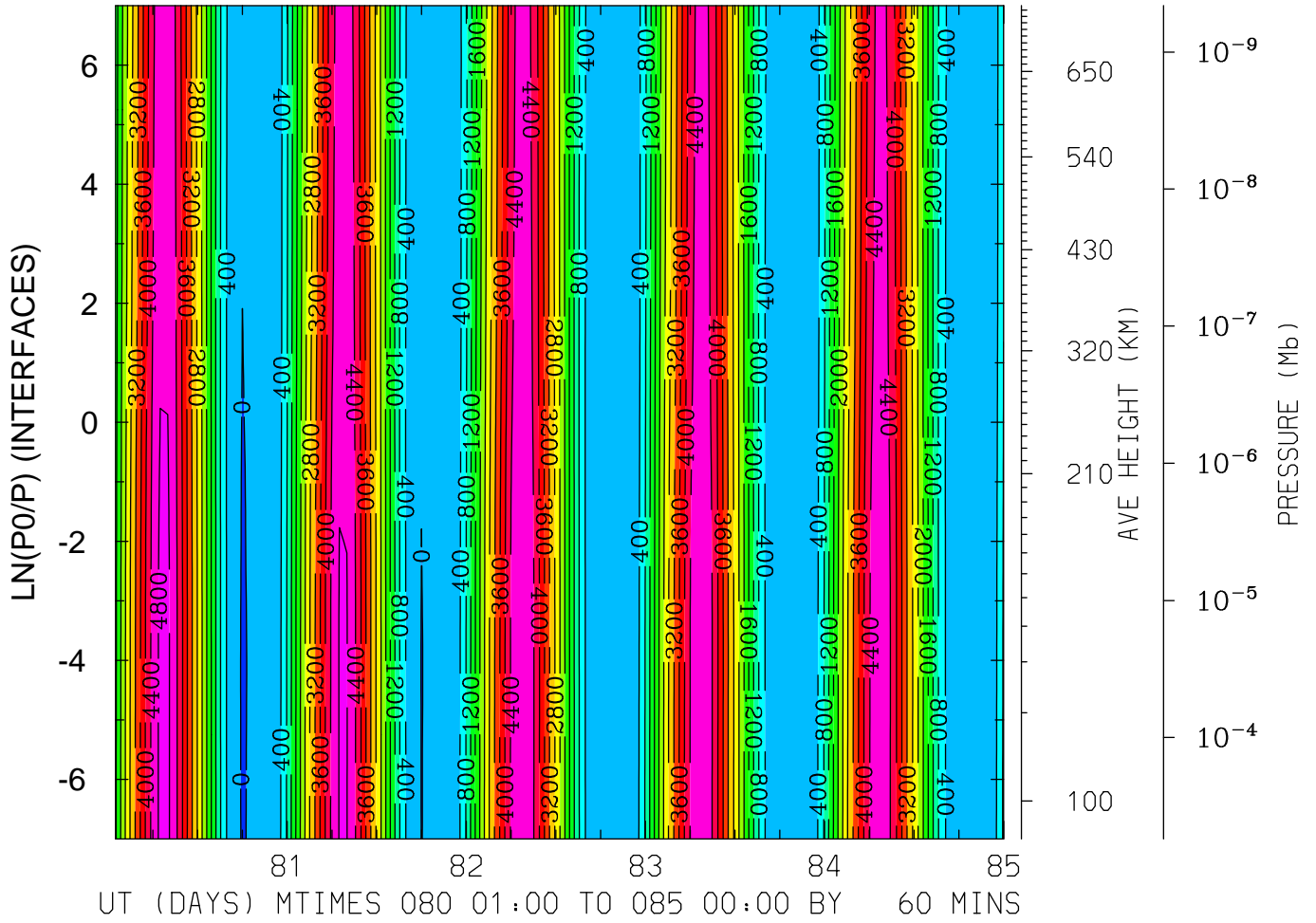


ELECTRIC POTENTIAL (VOLTS)  
LAT= -1.25 LOCAL TIME=12.00



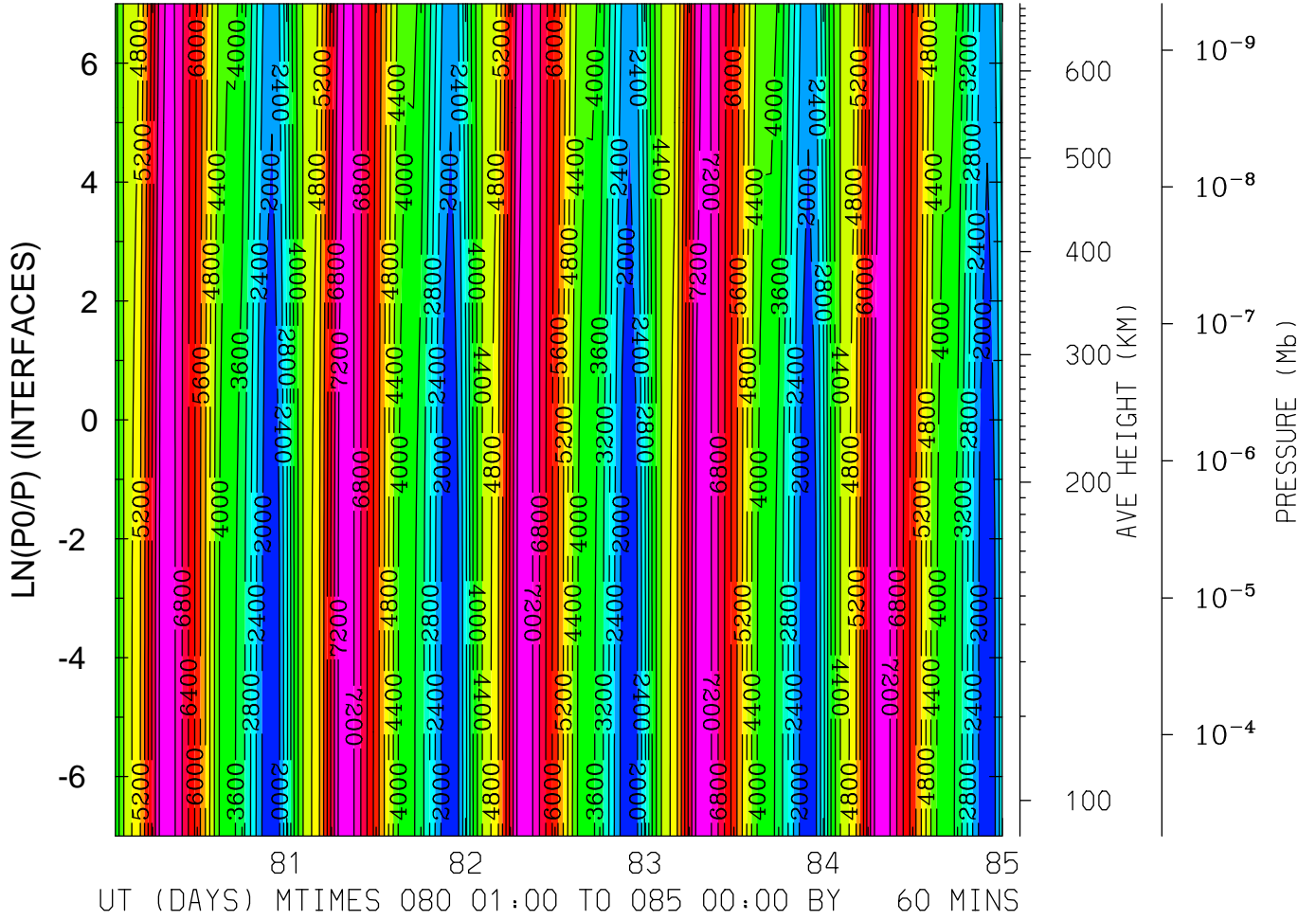
MIN,MAX= -1.1752E+03 6.9280E+03 INTERVAL= 5.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
 LAT= -1.25 (ZONAL MEANS)



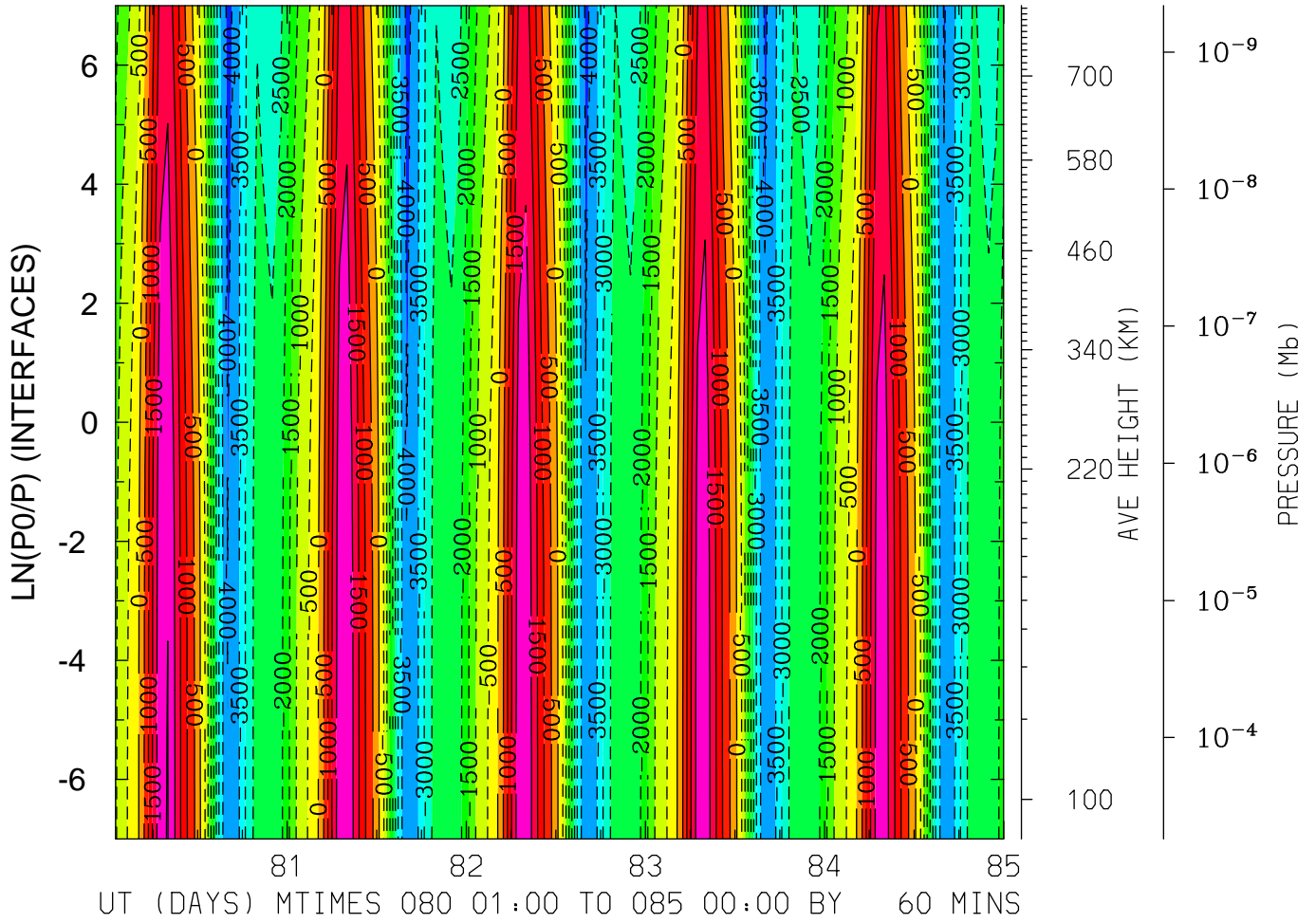
MIN,MAX= -2.1274E+01 4.8893E+03 INTERVAL= 4.0000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
 LAT= 38.75 LOCAL TIME= 0.00



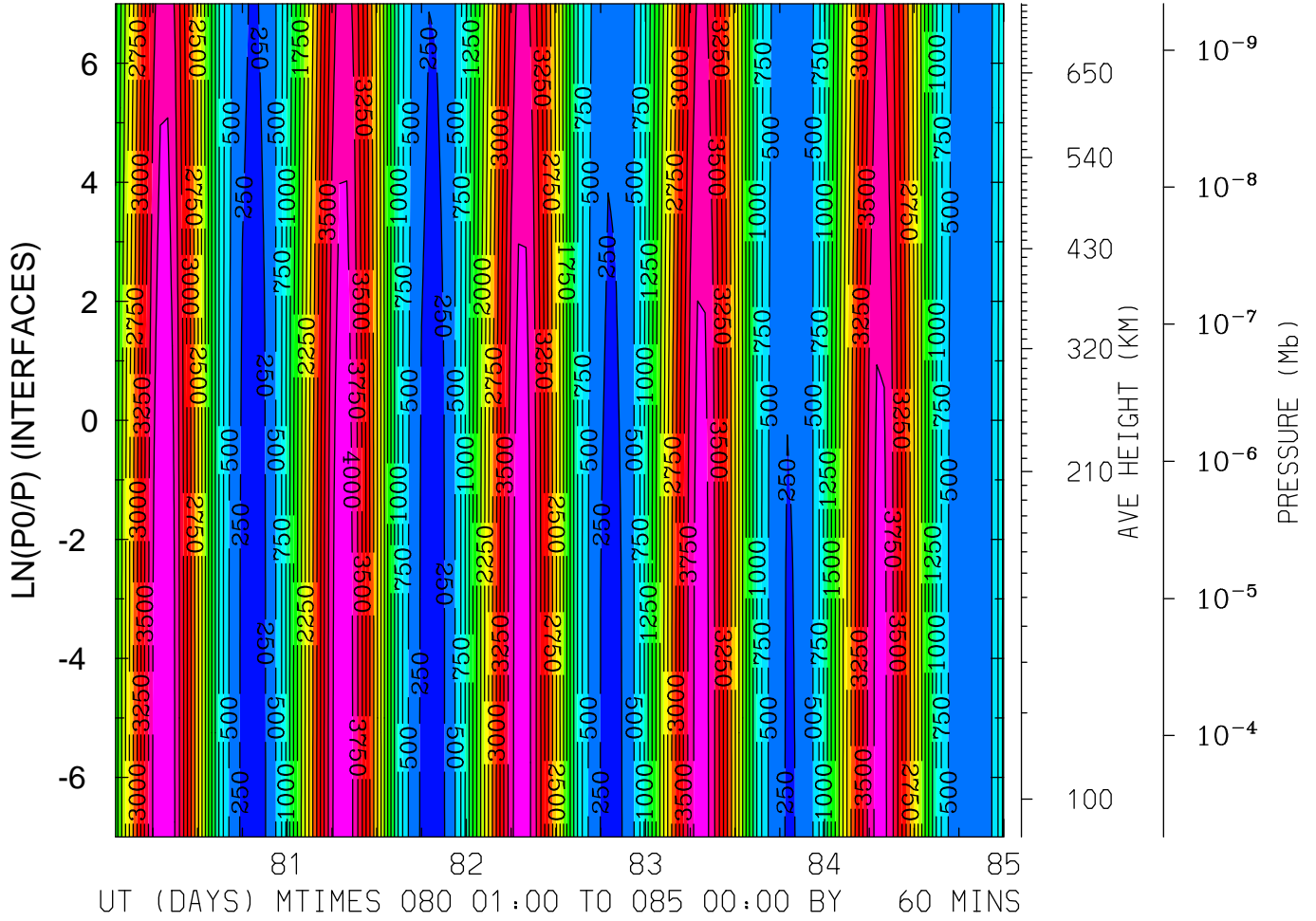
MIN,MAX= 1.6503E+03 7.4877E+03 INTERVAL= 4.0000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
LAT= 38.75 LOCAL TIME=12.00



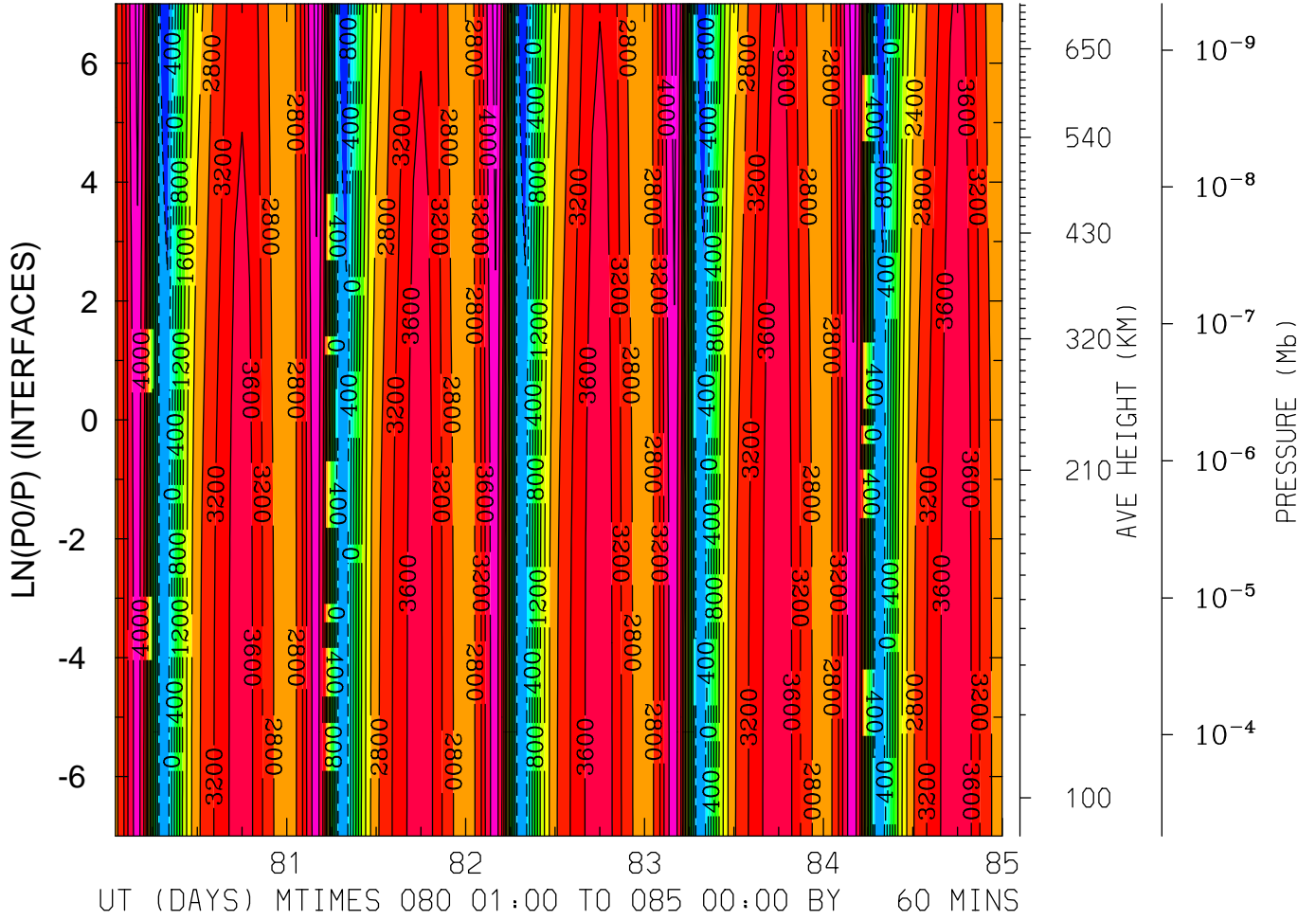
MIN,MAX= -4.1209E+03 2.5248E+03 INTERVAL= 5.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
 LAT= 38.75 (ZONAL MEANS)



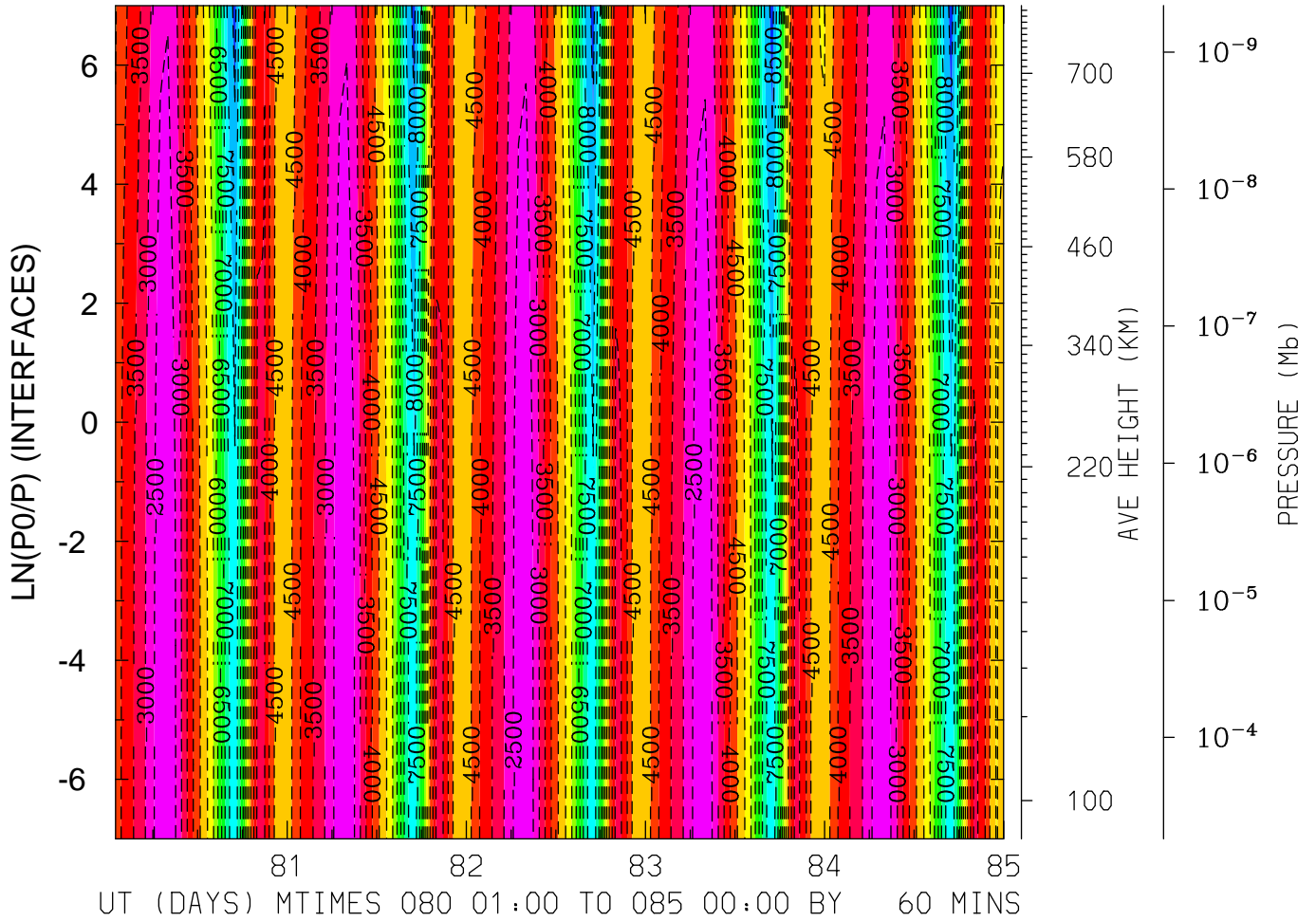
MIN,MAX= 1.7966E+02 4.2513E+03 INTERVAL= 2.5000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
LAT= 58.75 LOCAL TIME= 0.00



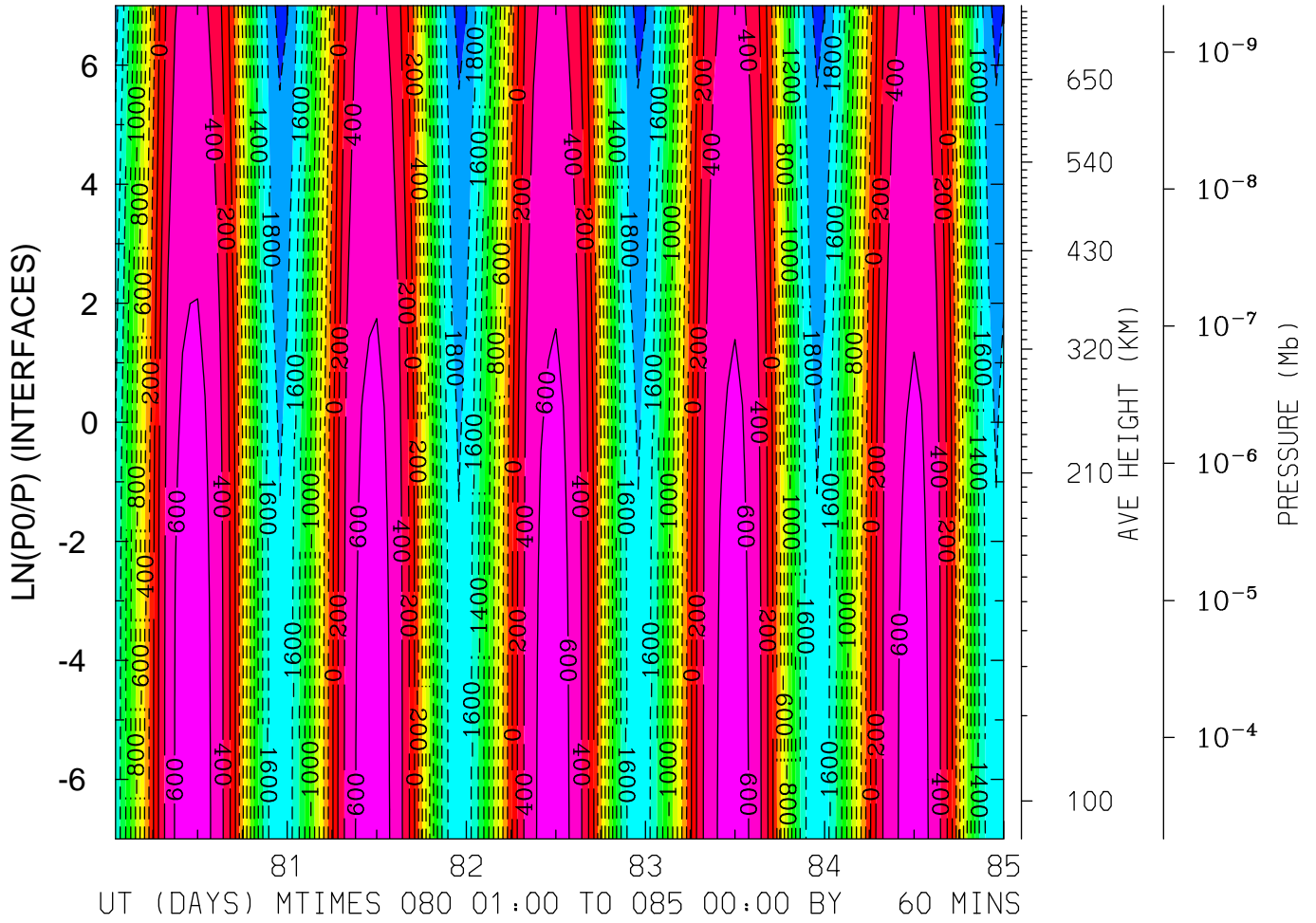
MIN,MAX= -1.0415E+03 4.6187E+03 INTERVAL= 4.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
LAT= 58.75 LOCAL TIME=12.00



MIN,MAX= -8.7258E+03 -2.1149E+03 INTERVAL= 5.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

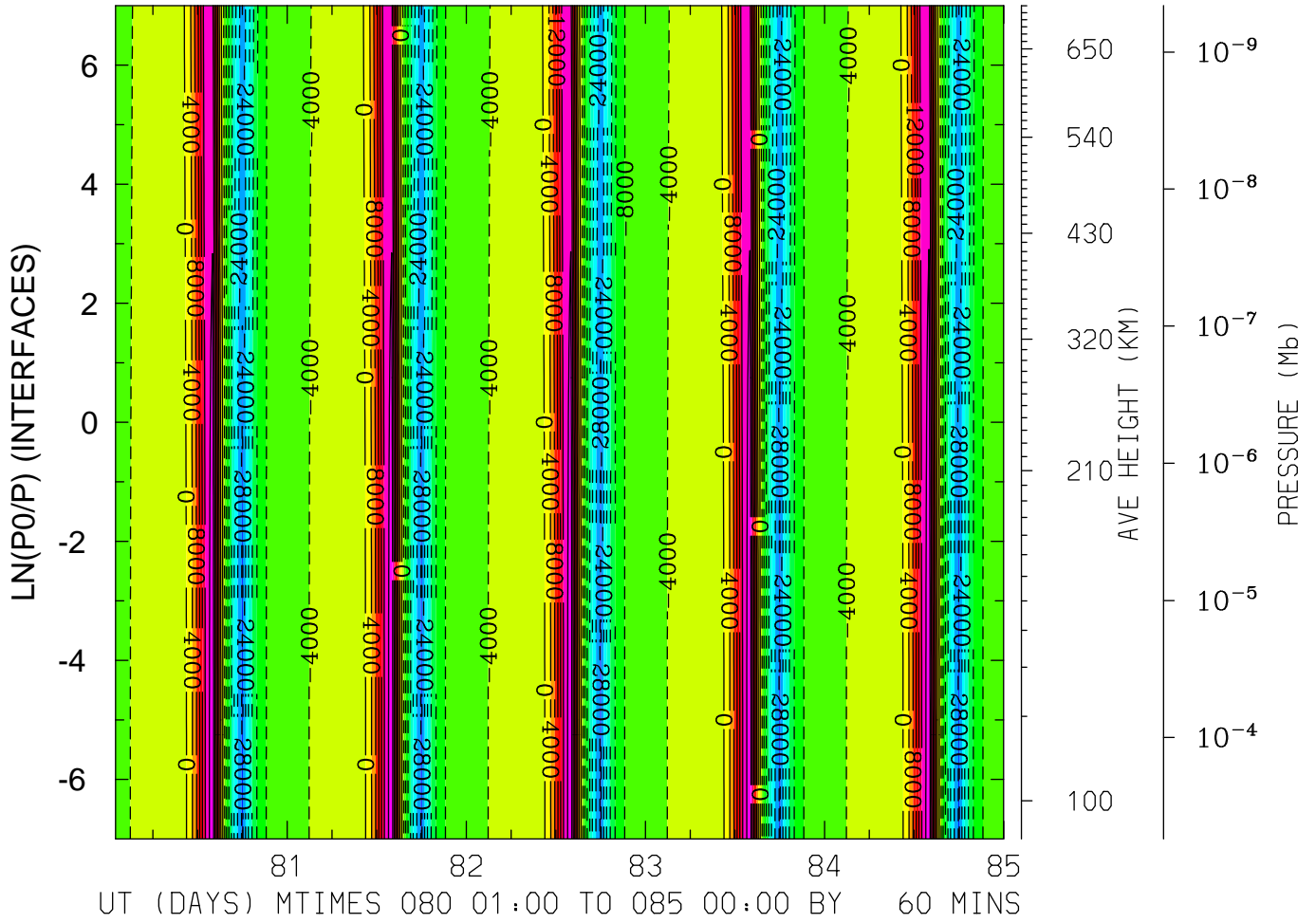
ELECTRIC POTENTIAL (VOLTS)  
LAT= 58.75 (ZONAL MEANS)



MIN,MAX= -2.0558E+03 6.8167E+02 INTERVAL= 2.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

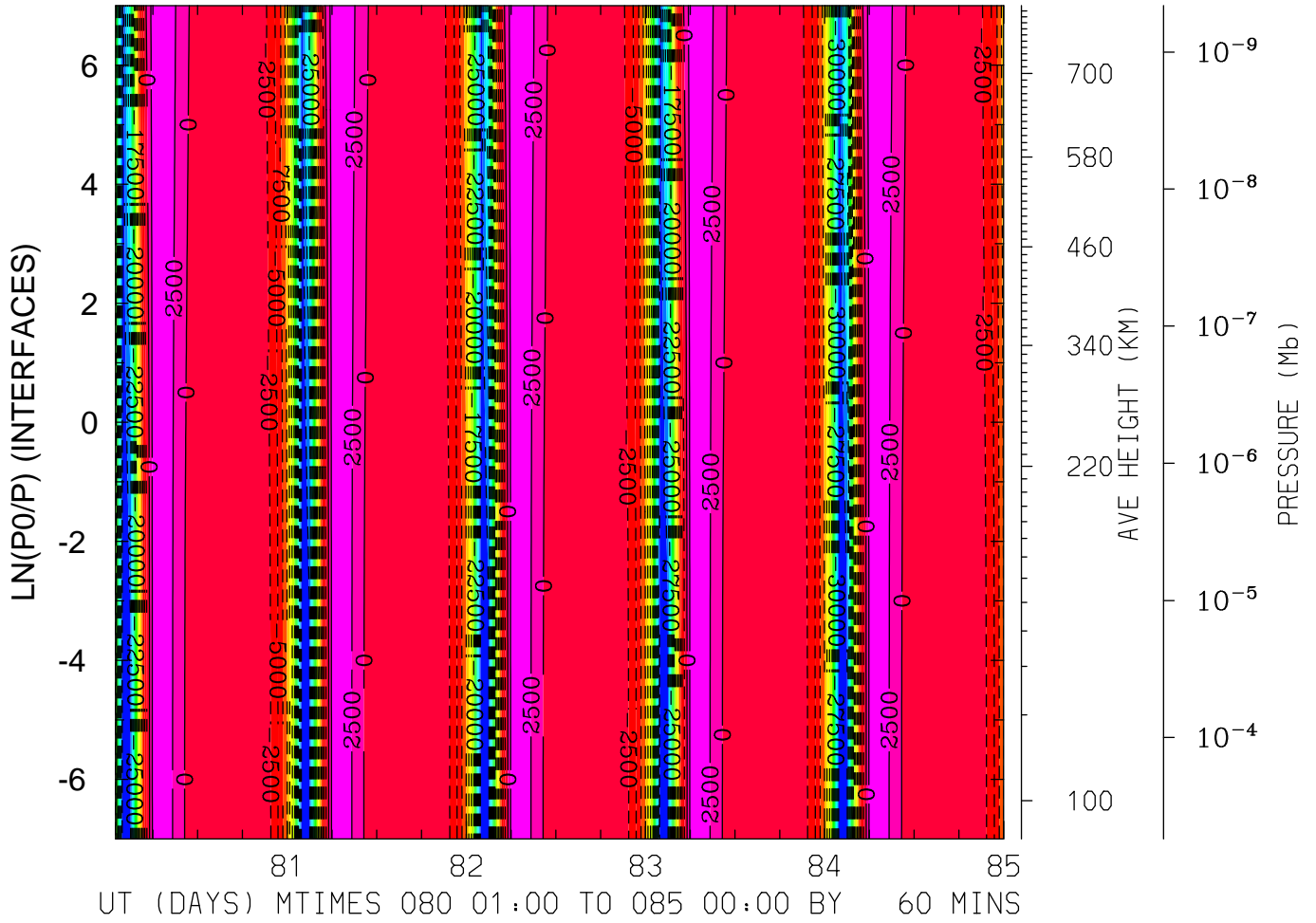


UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
 LAT=-61.25 LOCAL TIME= 0.00



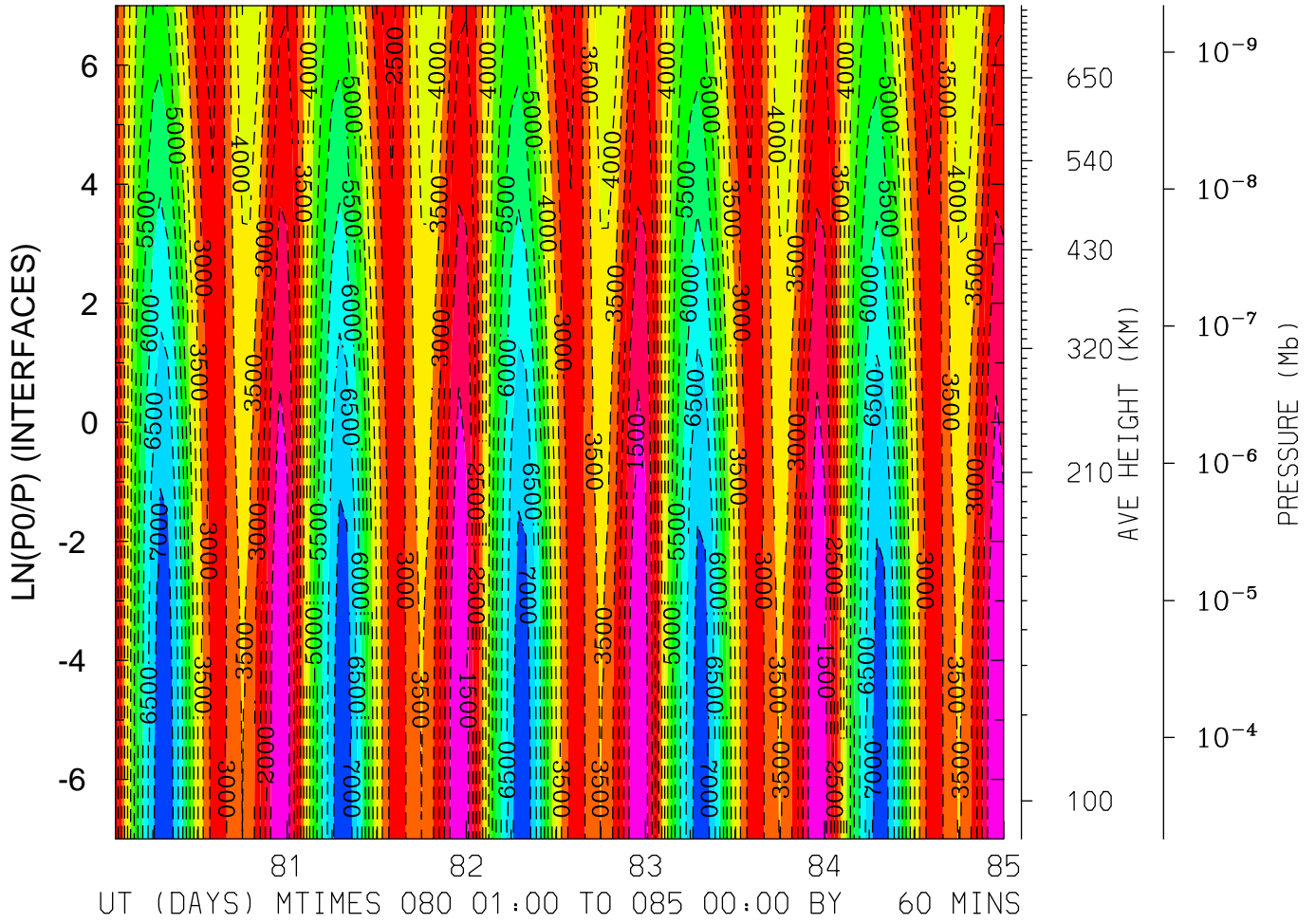
MIN,MAX= -2.8809E+04 2.7143E+04 INTERVAL= 4.0000E+03  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
 LAT=-61.25 LOCAL TIME=12.00



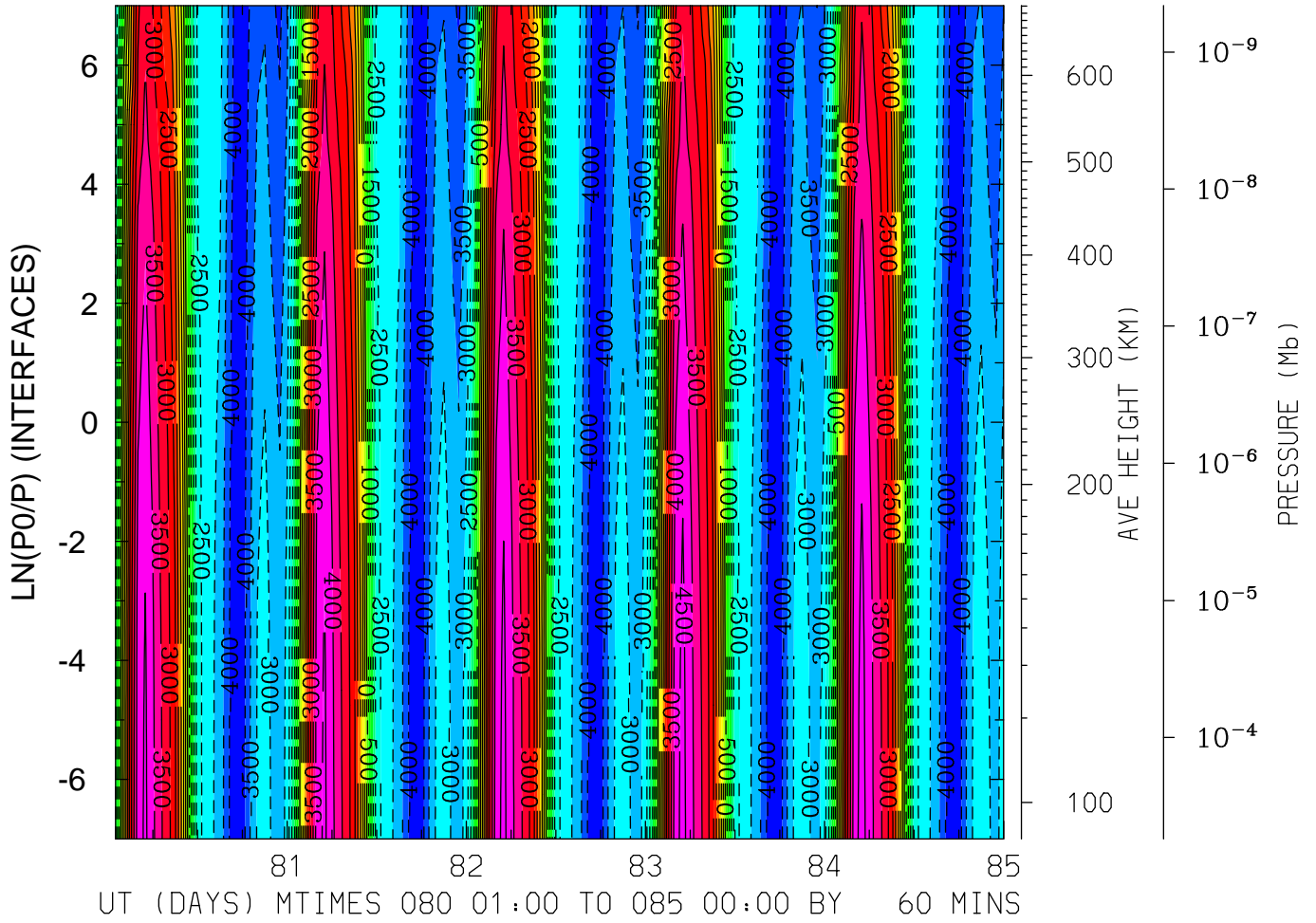
MIN,MAX= -3.7126E+04 4.1362E+03 INTERVAL= 2.5000E+03  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
LAT=-61.25 (ZONAL MEANS)



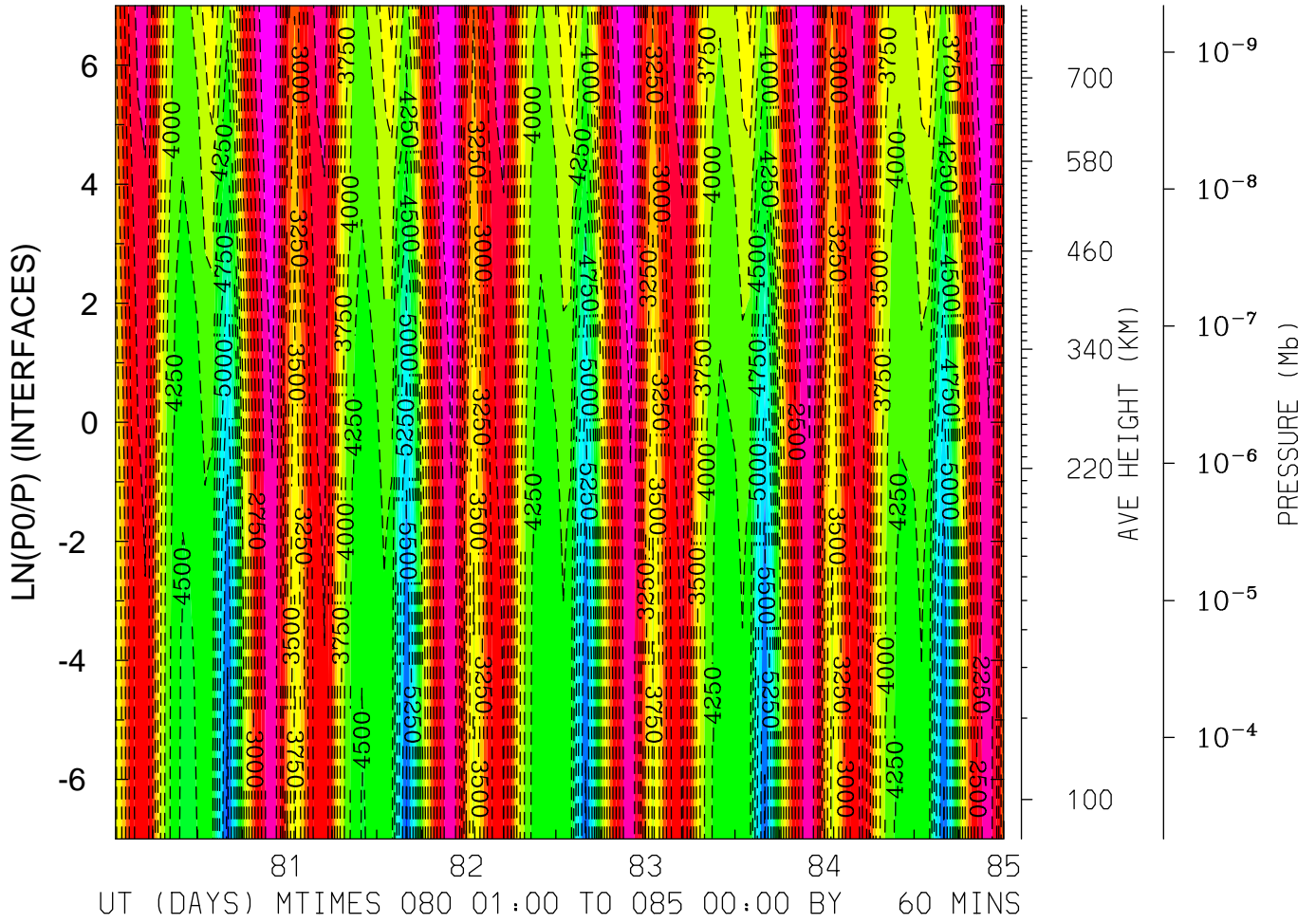
MIN,MAX= -7.3620E+03 -1.0113E+03 INTERVAL= 5.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
 LAT=-41.25 LOCAL TIME= 0.00



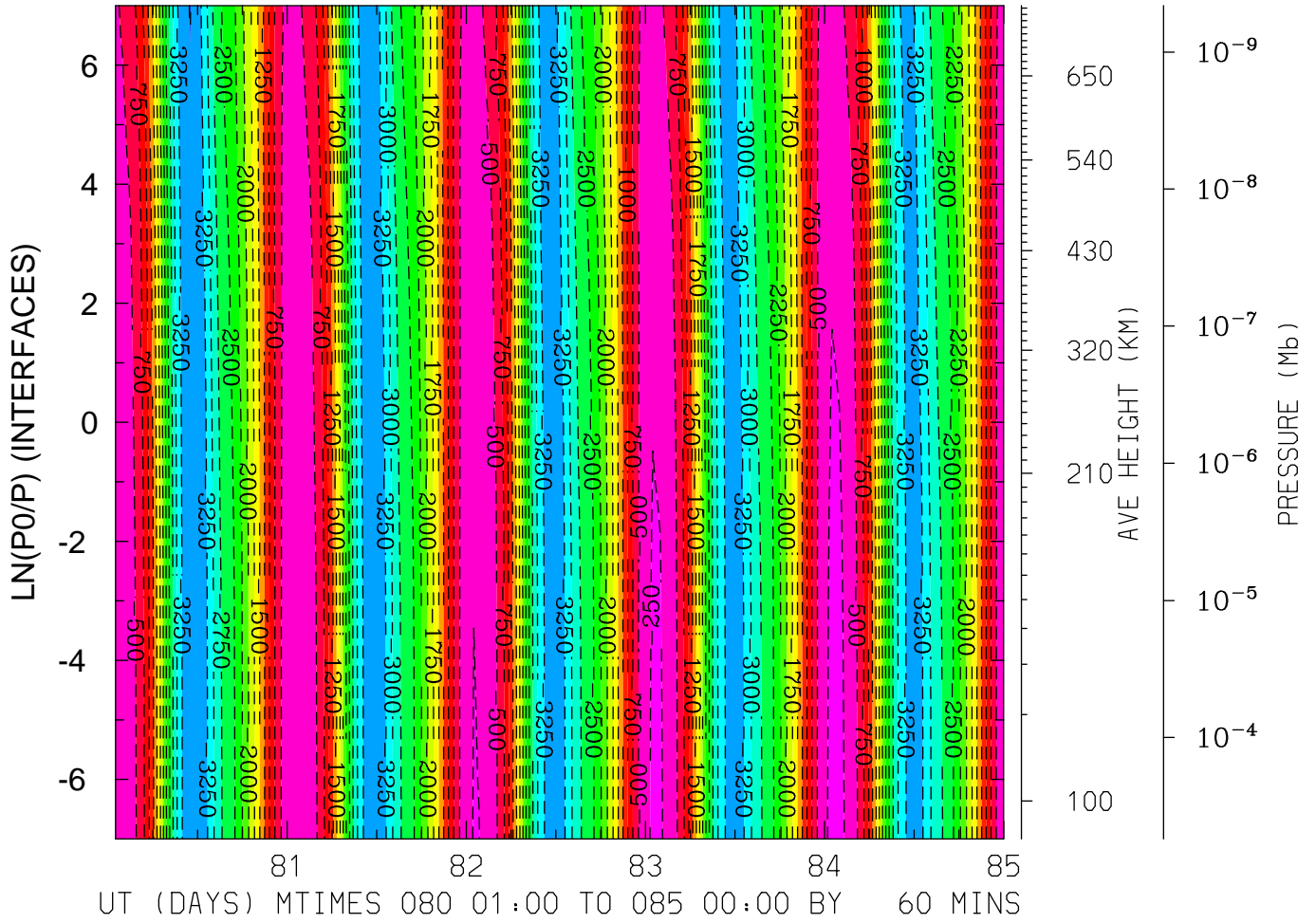
MIN,MAX= -4.4072E+03 4.6845E+03 INTERVAL= 5.0000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
 LAT=-41.25 LOCAL TIME=12.00



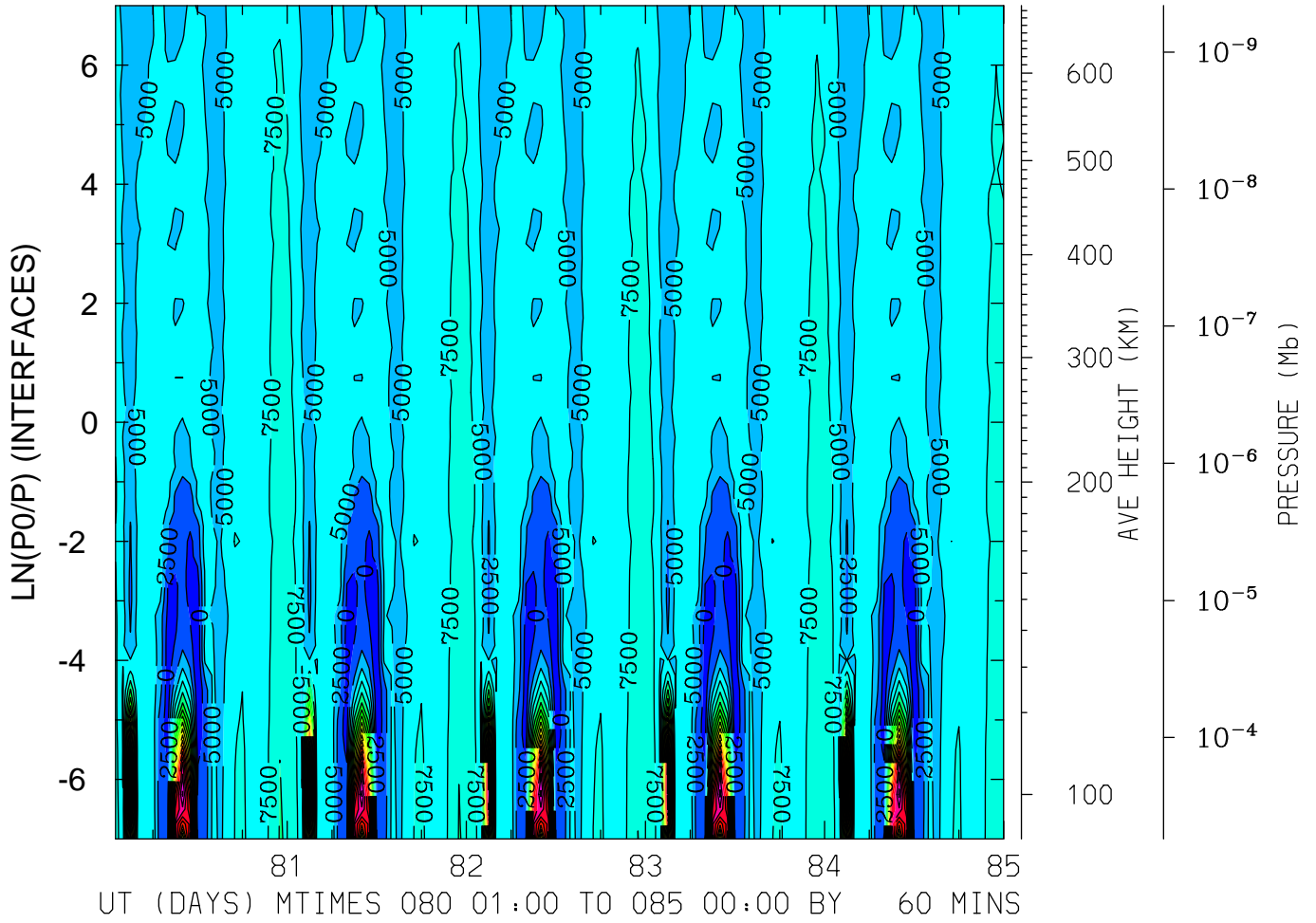
MIN,MAX= -5.8237E+03 -1.7614E+03 INTERVAL= 2.5000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
 LAT=-41.25 (ZONAL MEANS)



MIN,MAX= -3.5075E+03 -1.9635E+02 INTERVAL= 2.5000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
LAT= -1.25 LOCAL TIME= 0.00

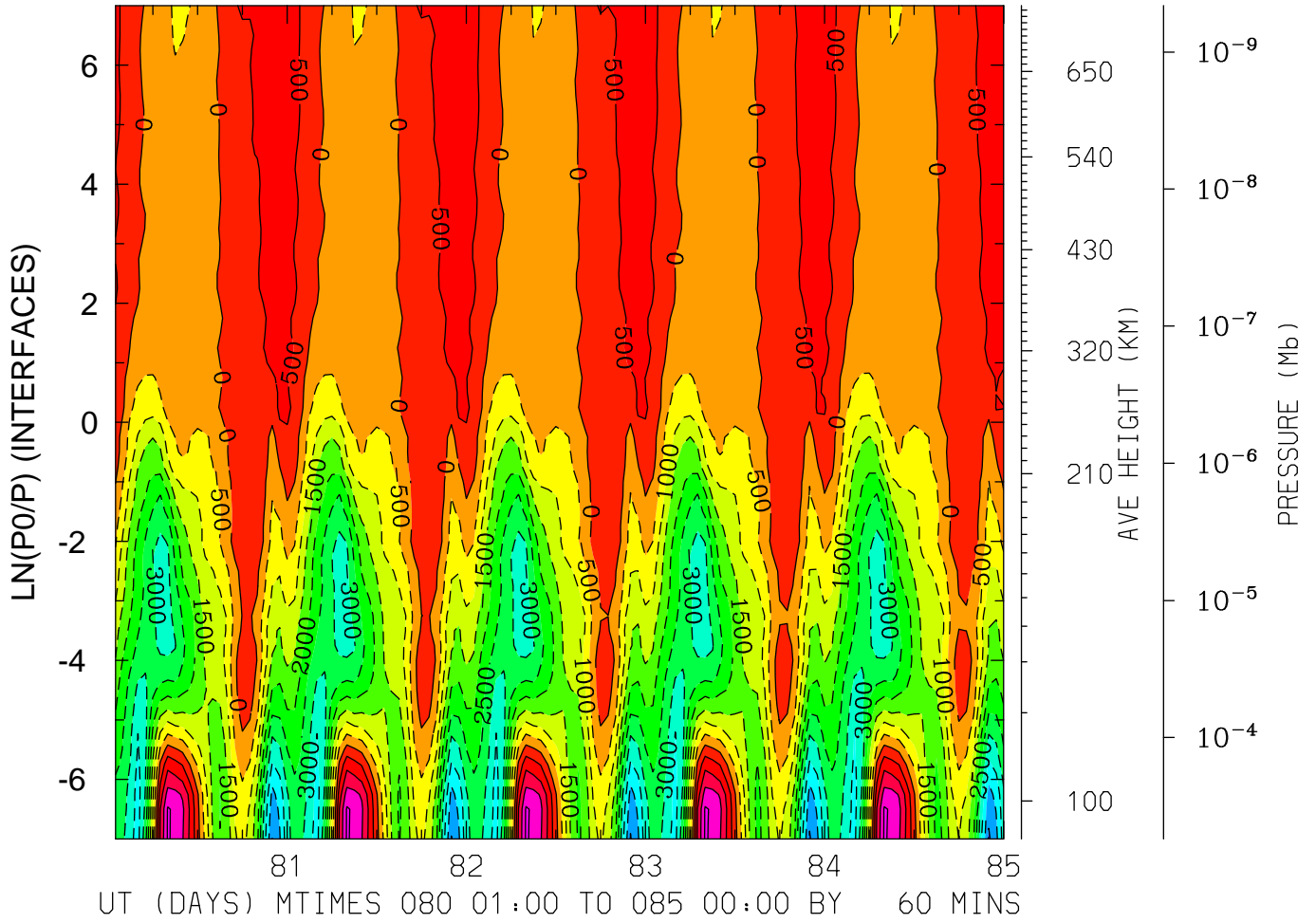


MIN,MAX= -2.4198E+03 4.3261E+04 INTERVAL= 2.5000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc



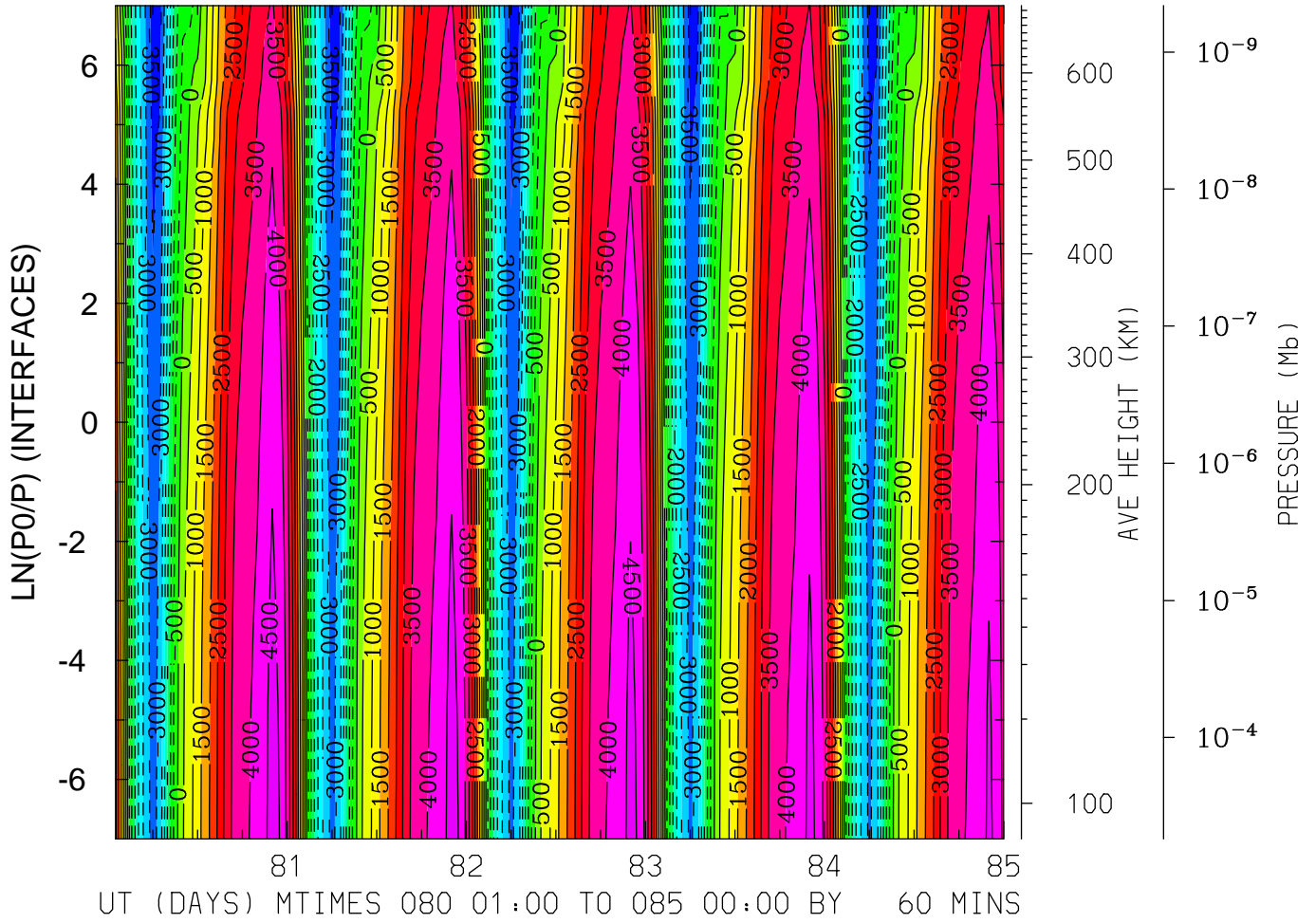


UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
LAT= -1.25 (ZONAL MEANS)



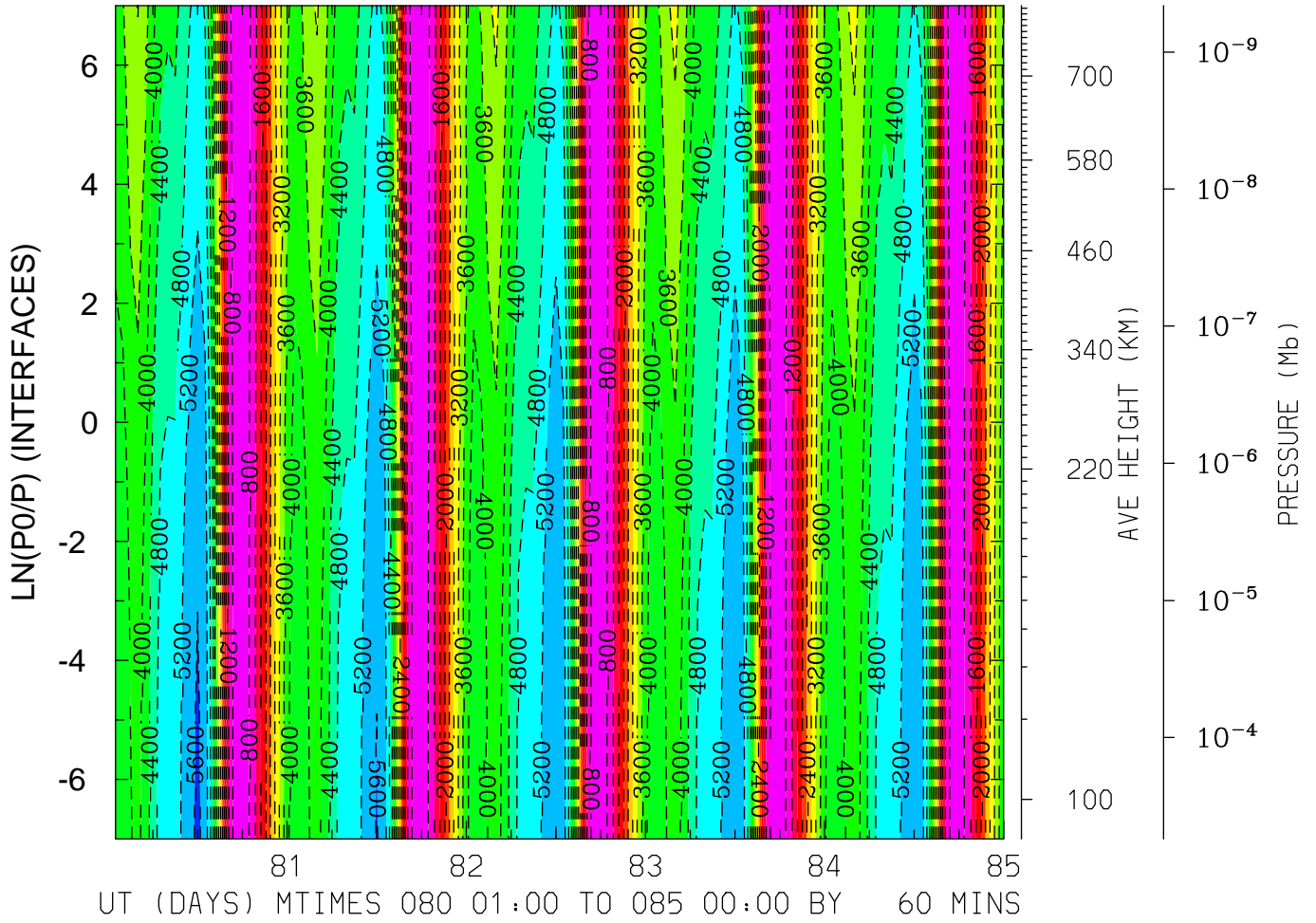
MIN,MAX= -4.5804E+03 2.0708E+03 INTERVAL= 5.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
LAT= 38.75 LOCAL TIME= 0.00



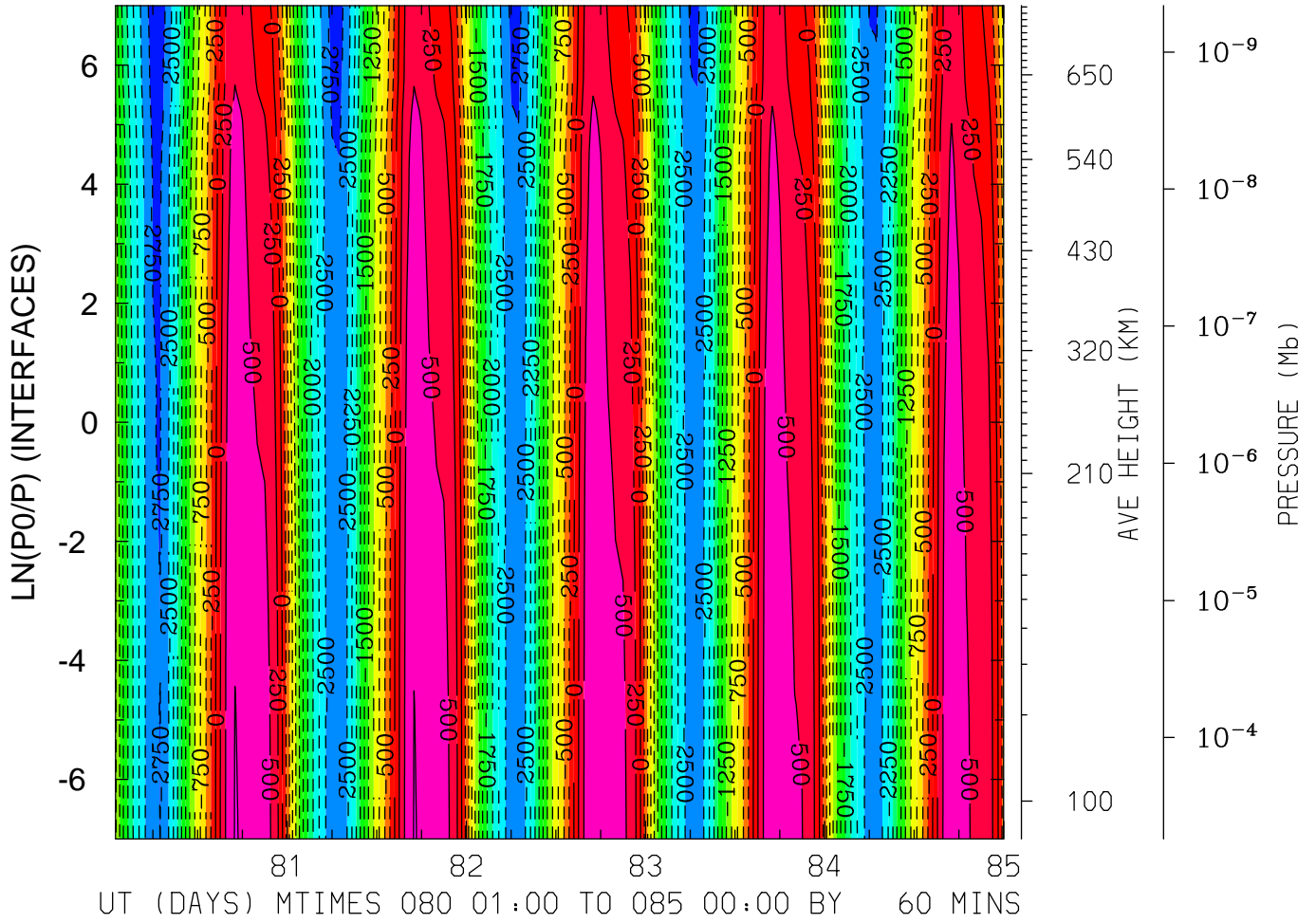
MIN,MAX= -3.7466E+03 4.6722E+03 INTERVAL= 5.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
 LAT= 38.75 LOCAL TIME=12.00



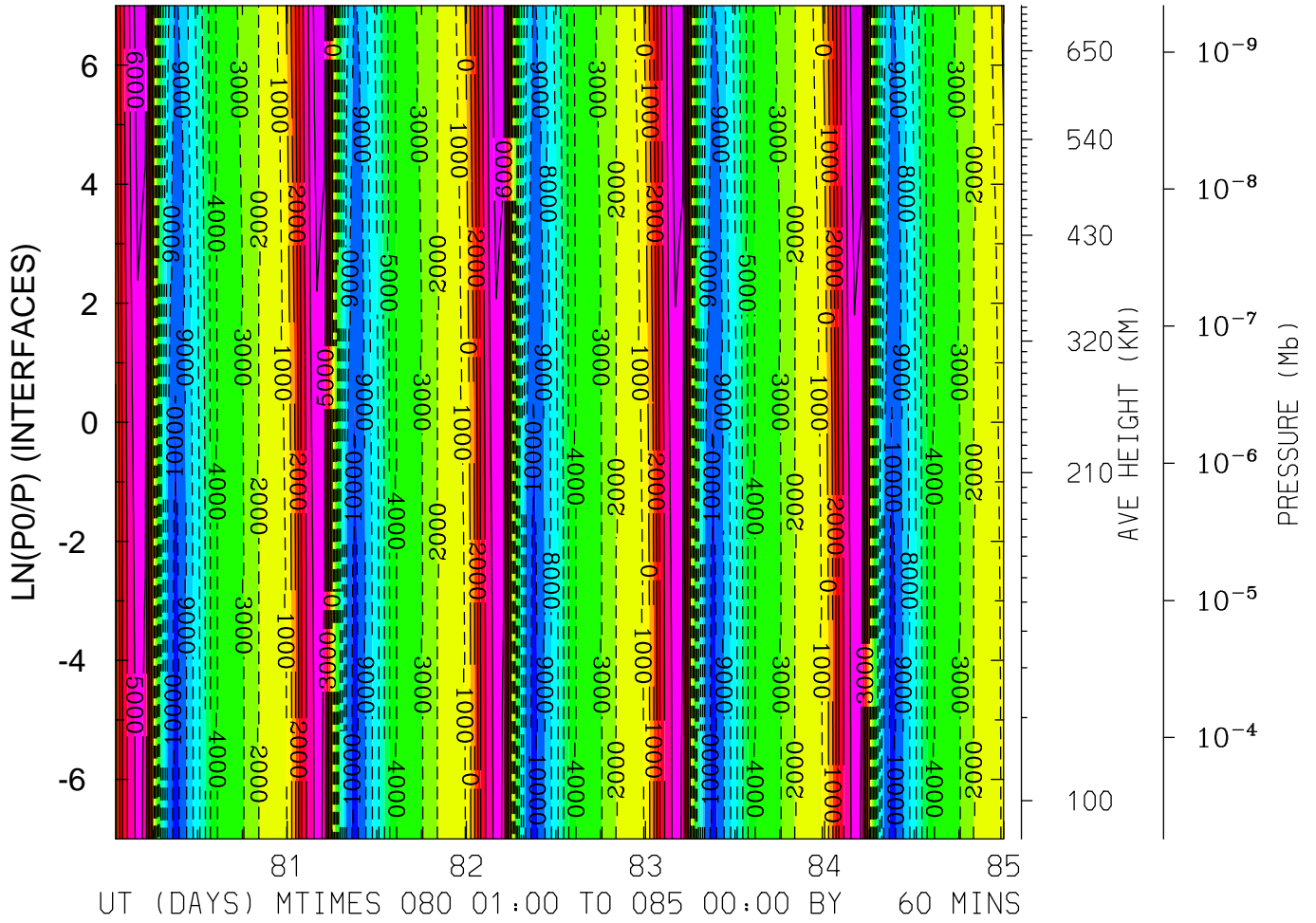
MIN,MAX= -5.6640E+03 -4.7825E+02 INTERVAL= 4.0000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareq\_x\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareq\_x\_smax\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
 LAT= 38.75 (ZONAL MEANS)



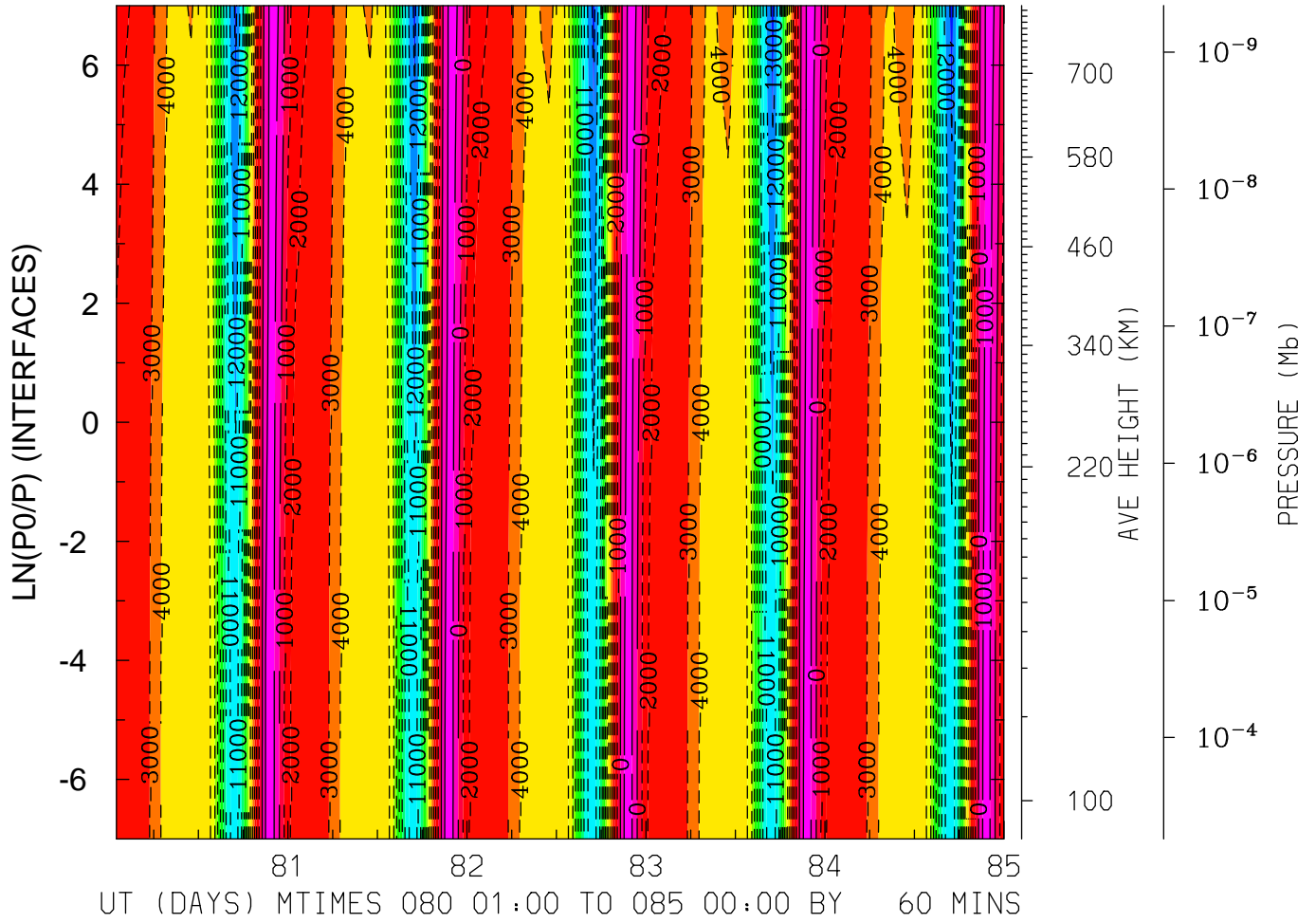
MIN,MAX= -2.8746E+03 7.6162E+02 INTERVAL= 2.5000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
LAT= 58.75 LOCAL TIME= 0.00



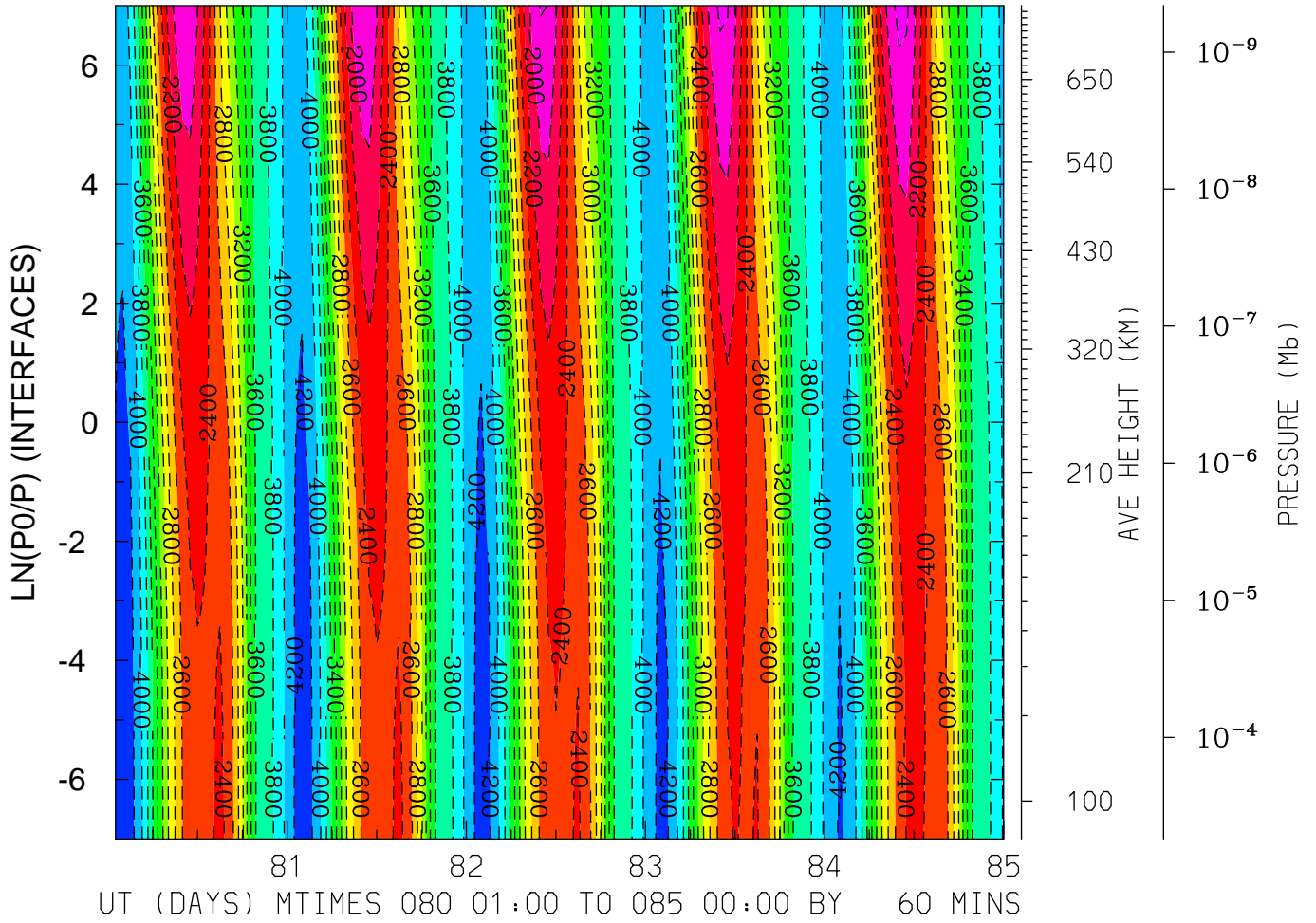
MIN,MAX= -1.0386E+04 6.8374E+03 INTERVAL= 1.0000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
LAT= 58.75 LOCAL TIME=12.00



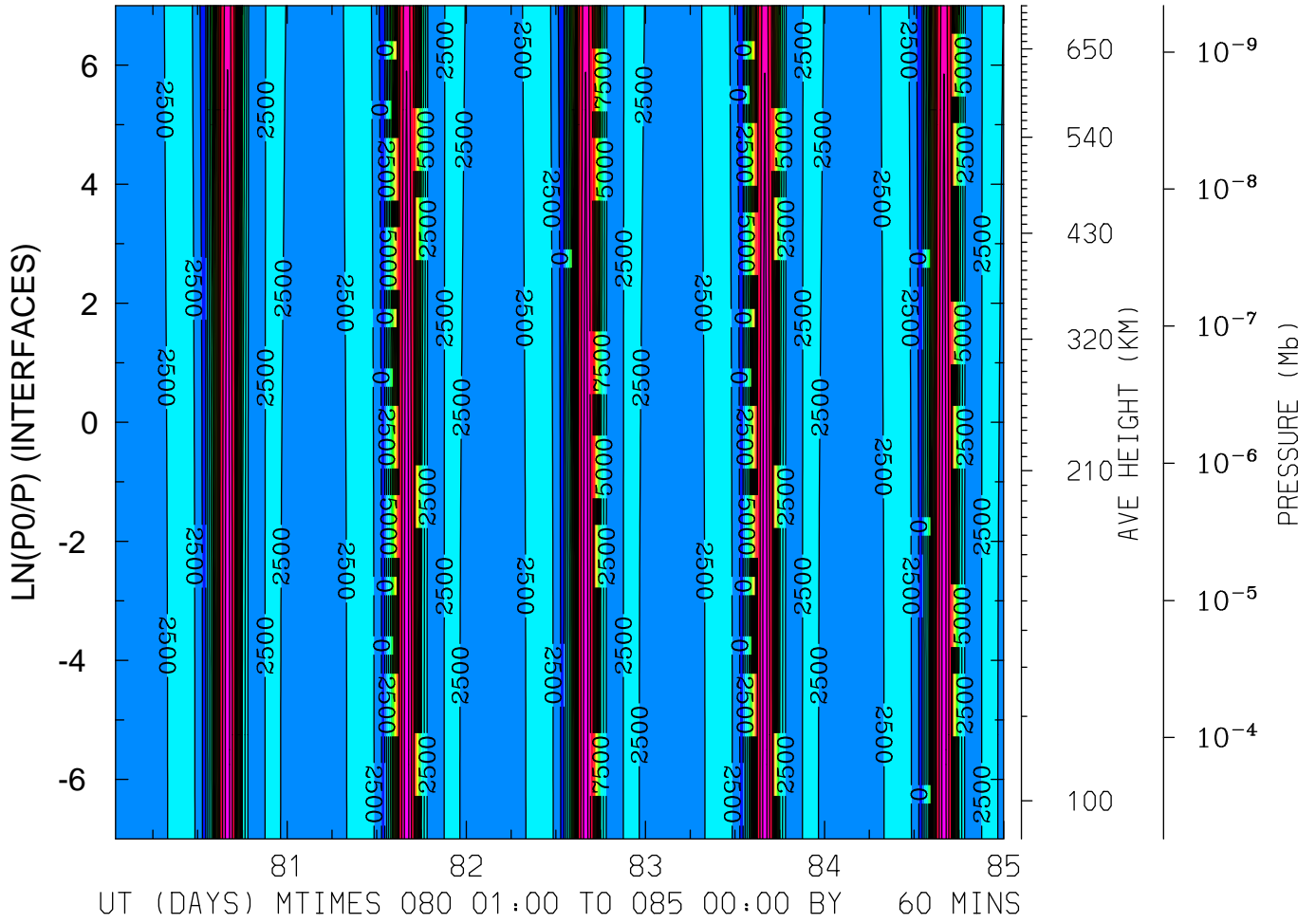
MIN,MAX= -1.3397E+04 1.5102E+03 INTERVAL= 1.0000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
 LAT= 58.75 (ZONAL MEANS)



MIN,MAX= -4.2735E+03 -1.7346E+03 INTERVAL= 2.0000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

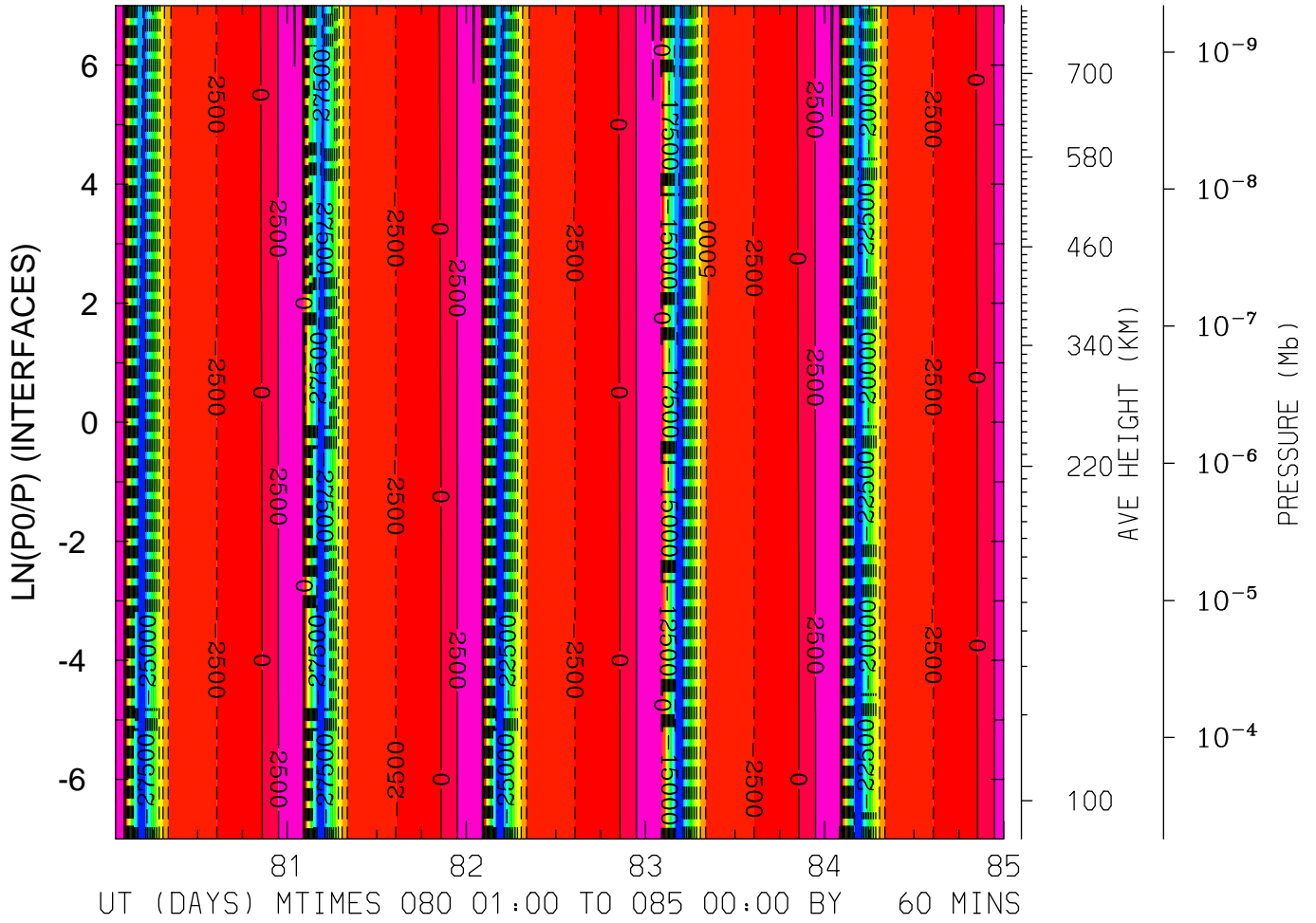
VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
LAT=-61.25 LOCAL TIME= 0.00



MIN,MAX= -1.2683E+03 3.6988E+04 INTERVAL= 2.5000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

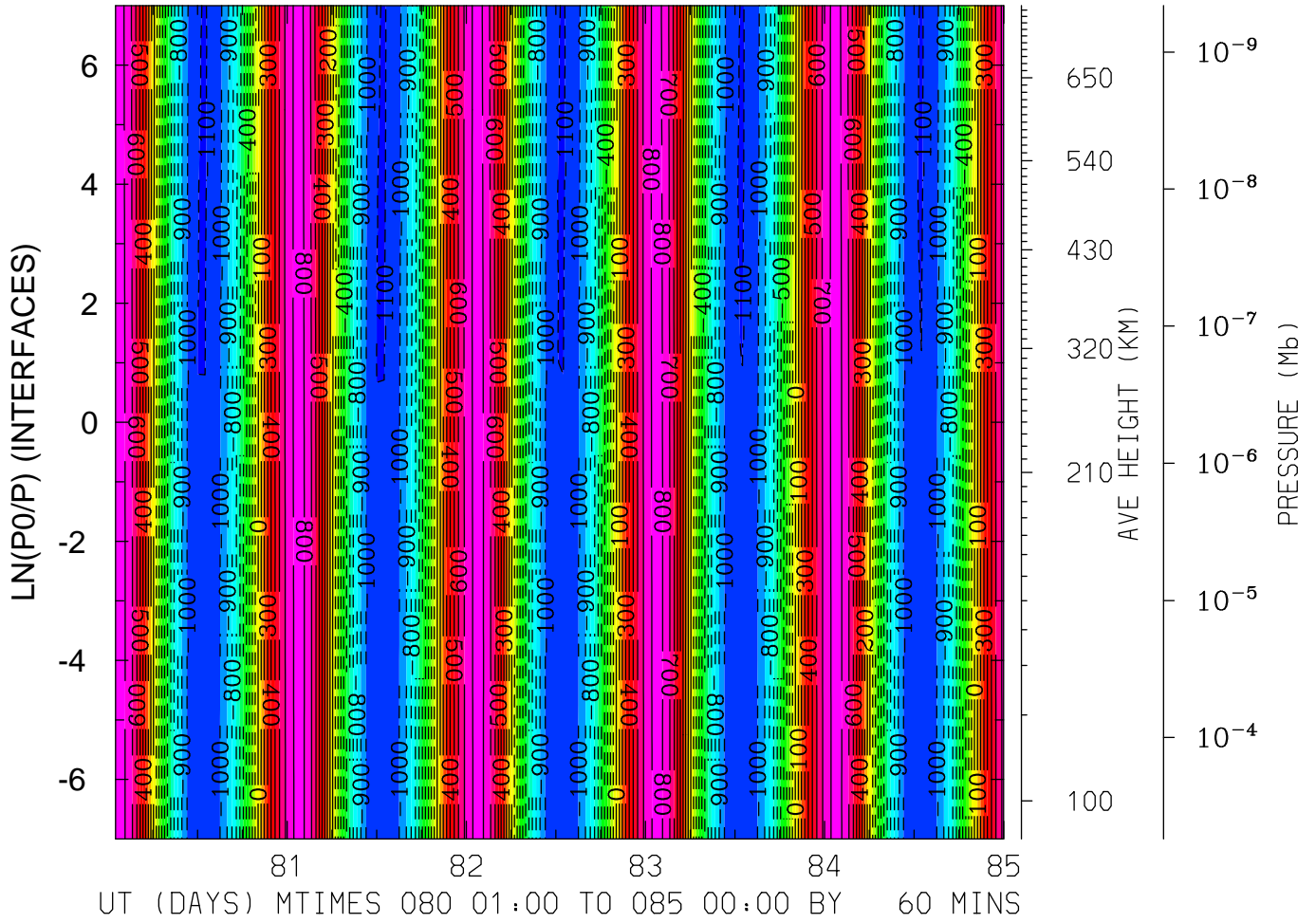


VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
 LAT=-61.25 LOCAL TIME=12.00



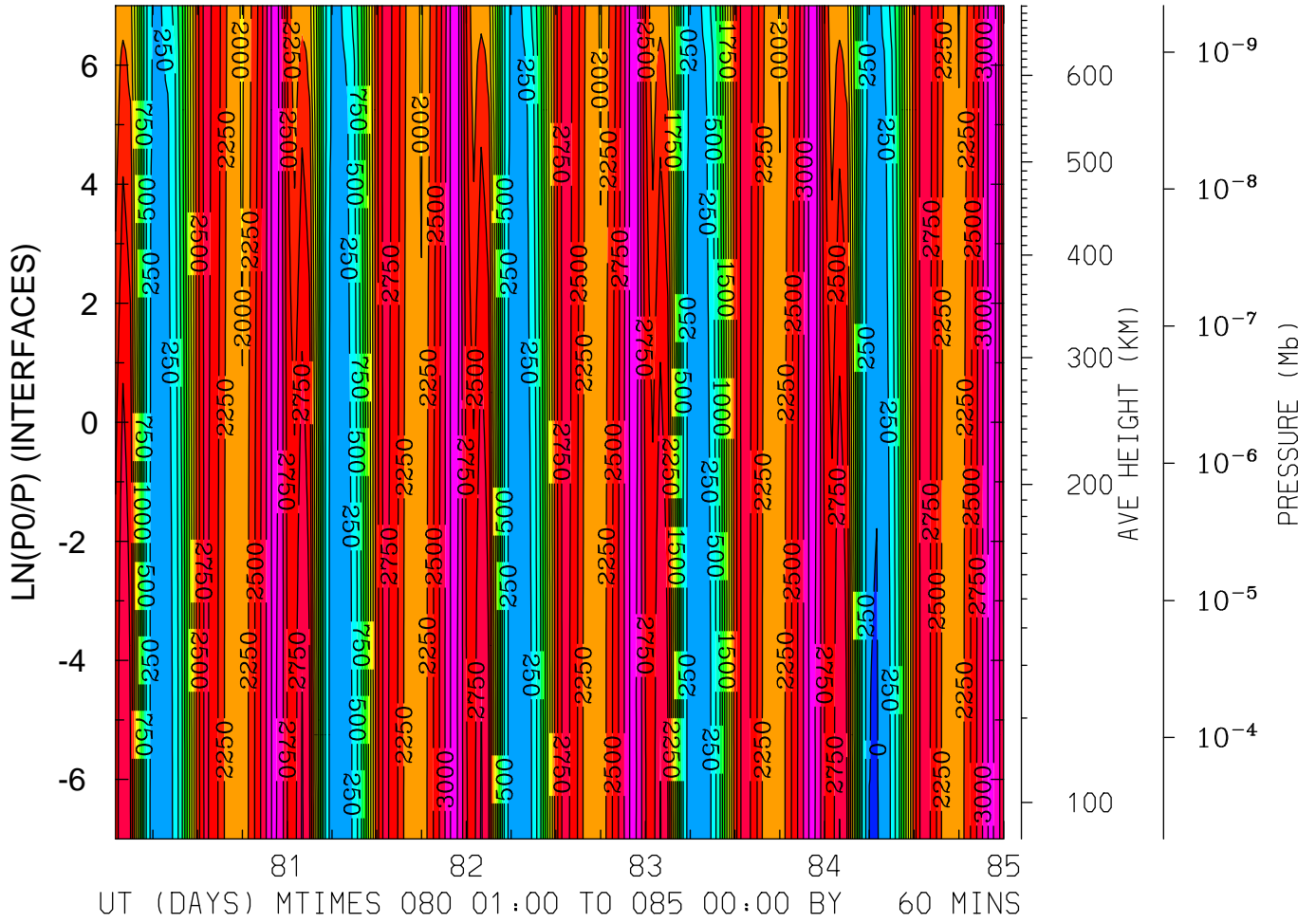
MIN,MAX= -2.8206E+04 5.2030E+03 INTERVAL= 2.5000E+03  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
 LAT=-61.25 (ZONAL MEANS)



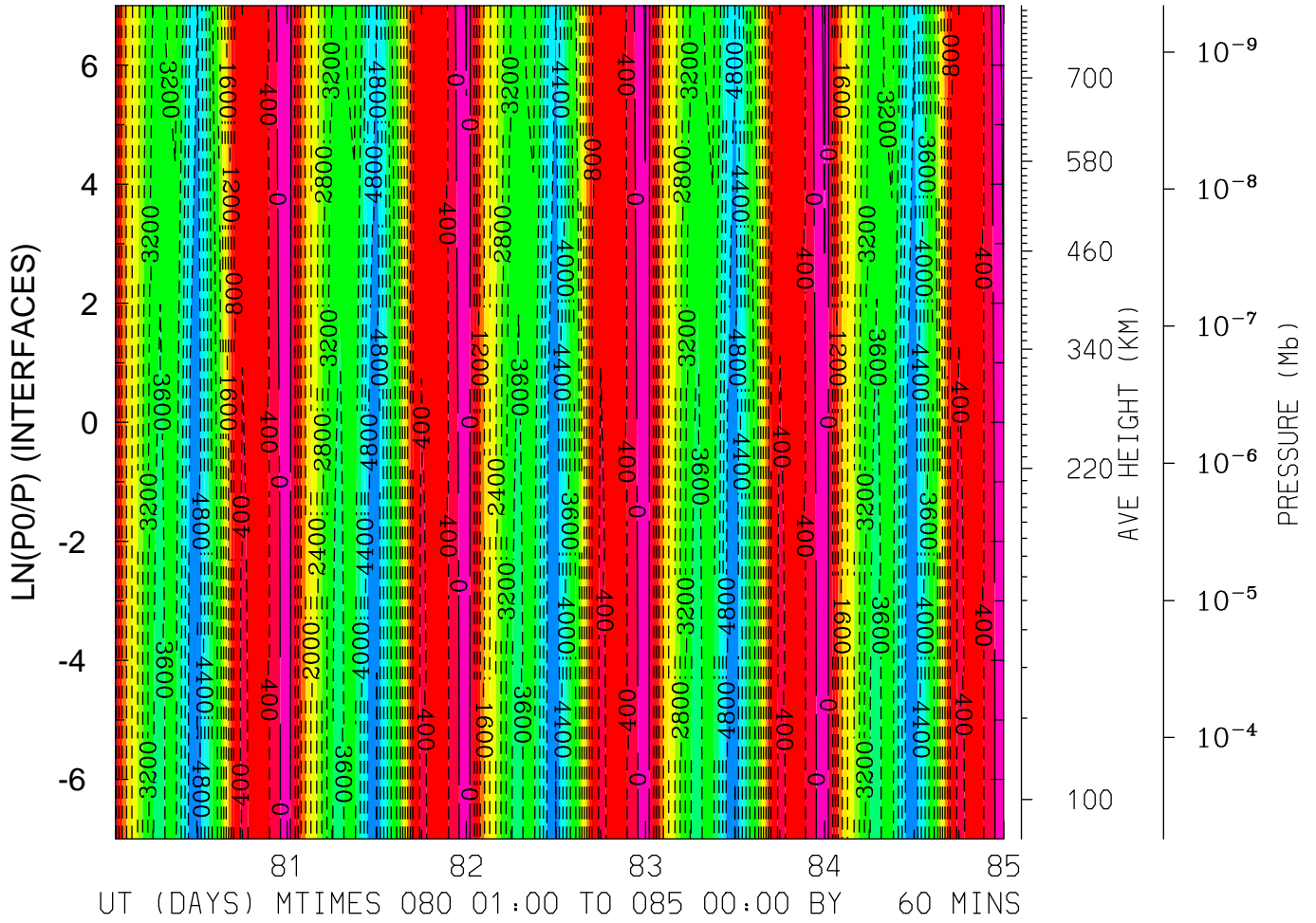
MIN,MAX= -1.1051E+03 8.2487E+02 INTERVAL= 1.0000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
 LAT=-41.25 LOCAL TIME= 0.00



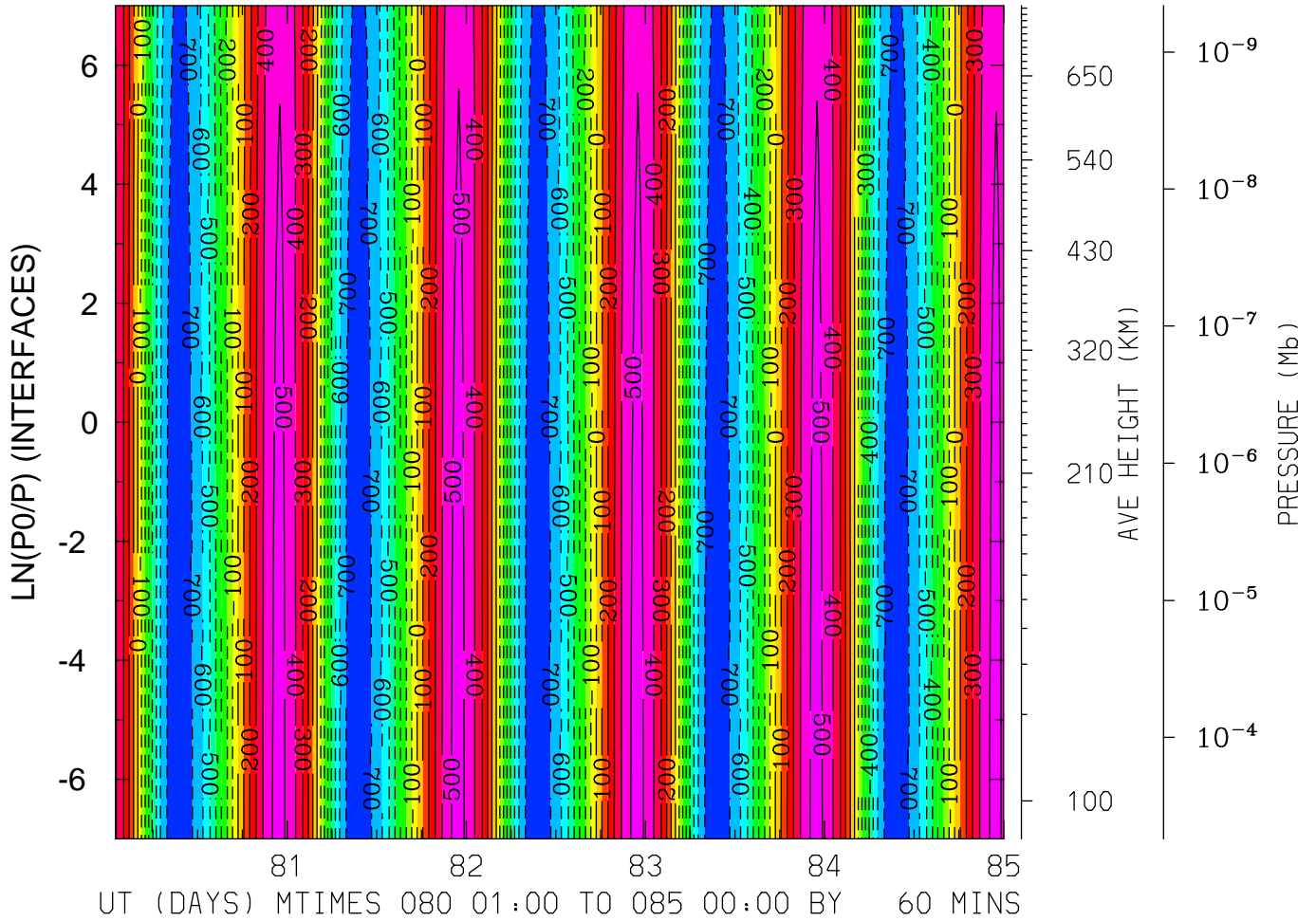
MIN,MAX= -1.8879E+01 3.3183E+03 INTERVAL= 2.5000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
 LAT=-41.25 LOCAL TIME=12.00



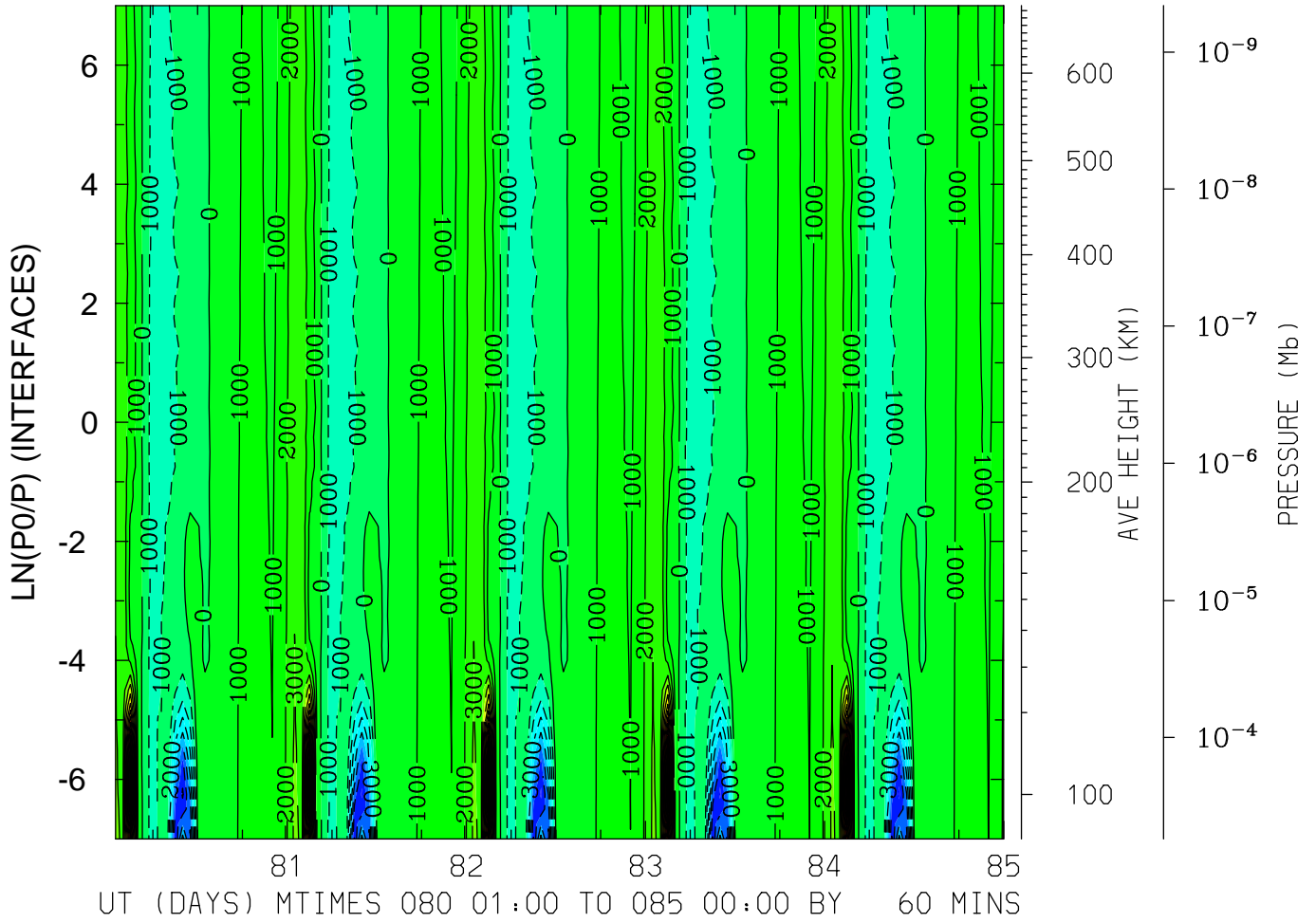
MIN,MAX= -5.2235E+03 4.8744E+02 INTERVAL= 4.0000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
 LAT=-41.25 (ZONAL MEANS)



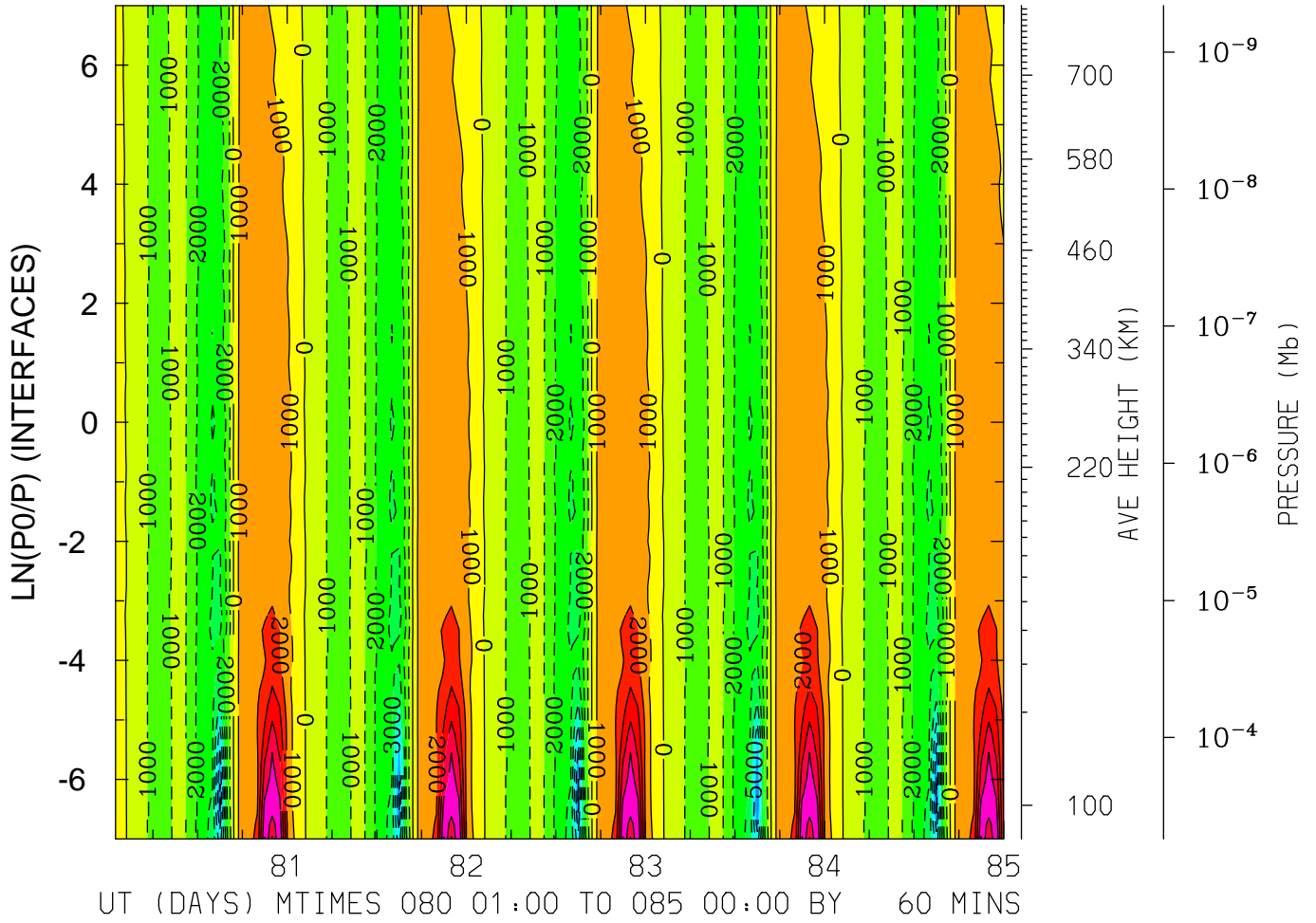
MIN,MAX= -7.6214E+02 5.2544E+02 INTERVAL= 1.0000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
LAT= -1.25 LOCAL TIME= 0.00



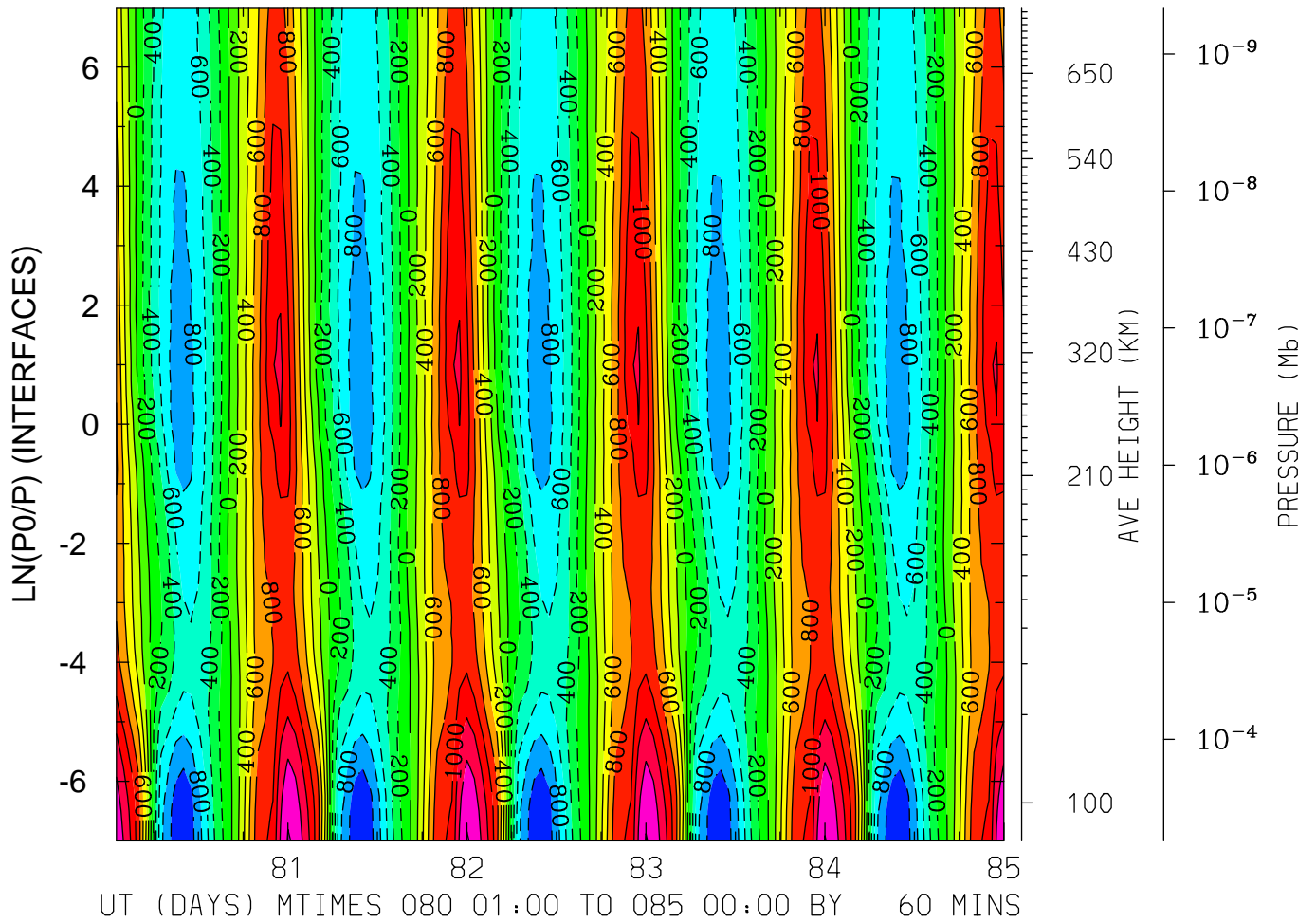
MIN,MAX= -7.2013E+03 1.5267E+04 INTERVAL= 1.0000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
LAT= -1.25 LOCAL TIME=12.00



MIN,MAX= -7.3152E+03 6.0551E+03 INTERVAL= 1.0000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

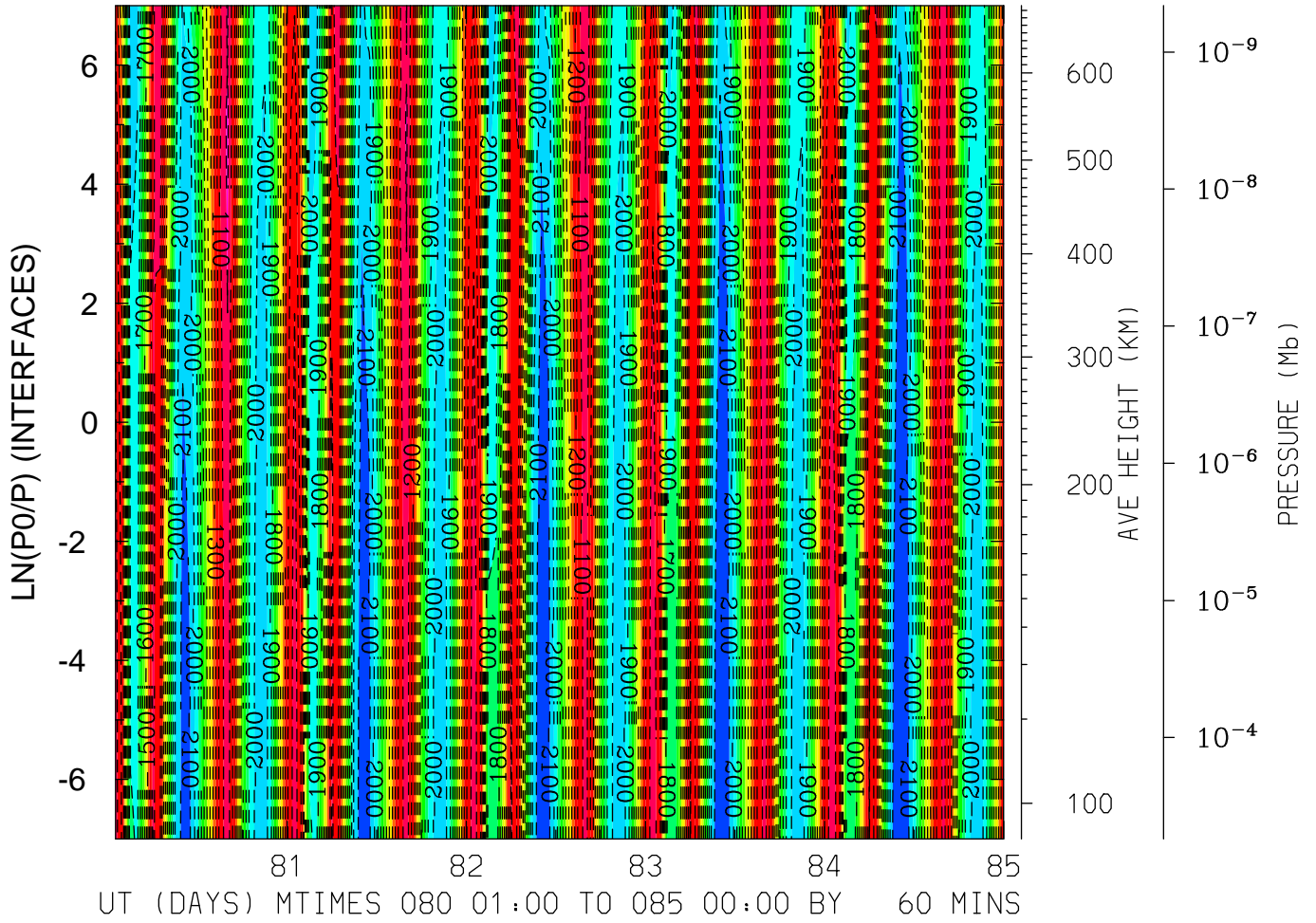
VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
LAT= -1.25 (ZONAL MEANS)



MIN,MAX= -1.1733E+03 1.6204E+03 INTERVAL= 2.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

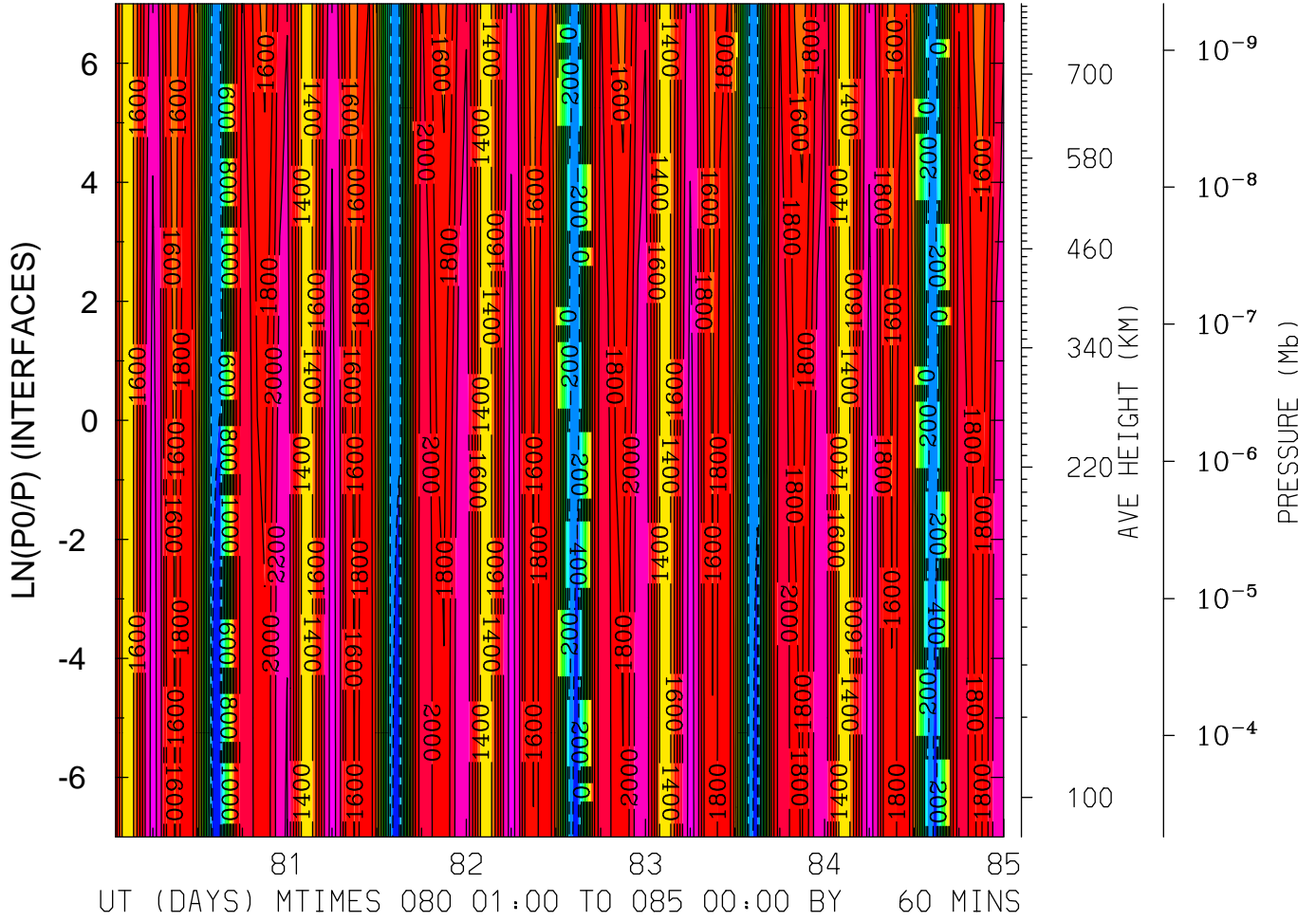


VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
 LAT= 38.75 LOCAL TIME= 0.00



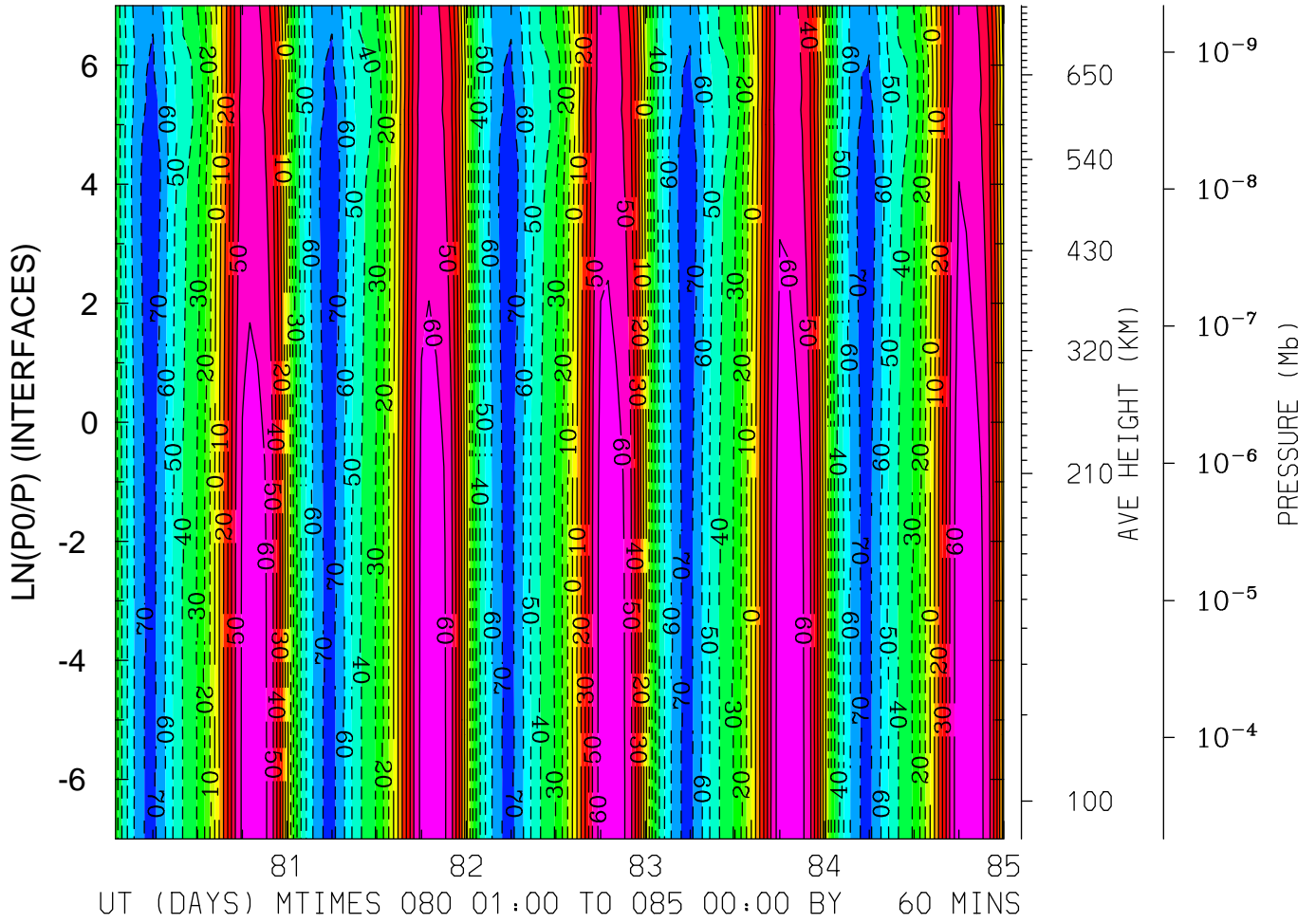
MIN,MAX= -2.1990E+03 -9.7682E+02 INTERVAL= 1.0000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
 LAT= 38.75 LOCAL TIME=12.00



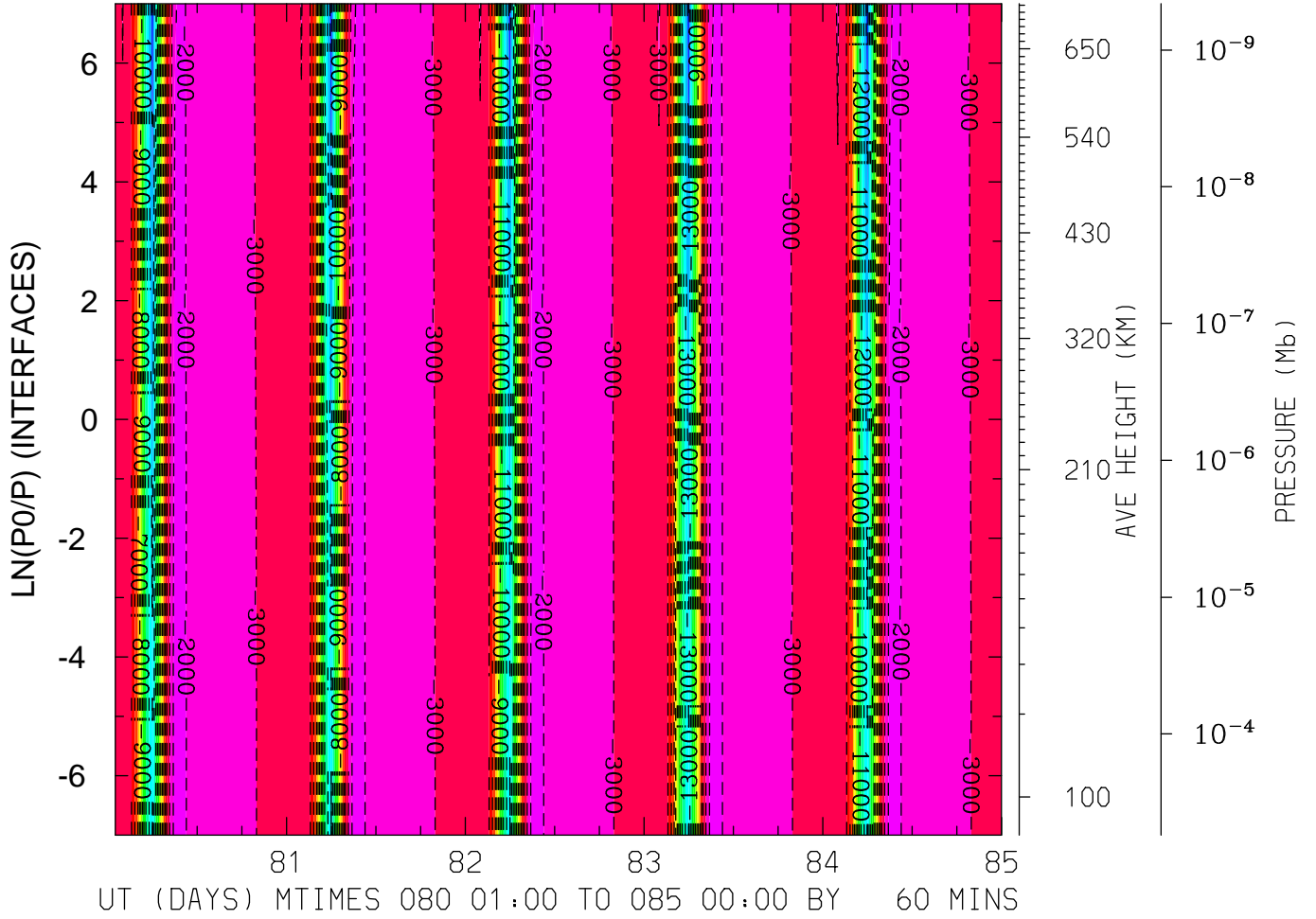
MIN,MAX= -4.6020E+02 2.5065E+03 INTERVAL= 2.0000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
 LAT= 38.75 (ZONAL MEANS)



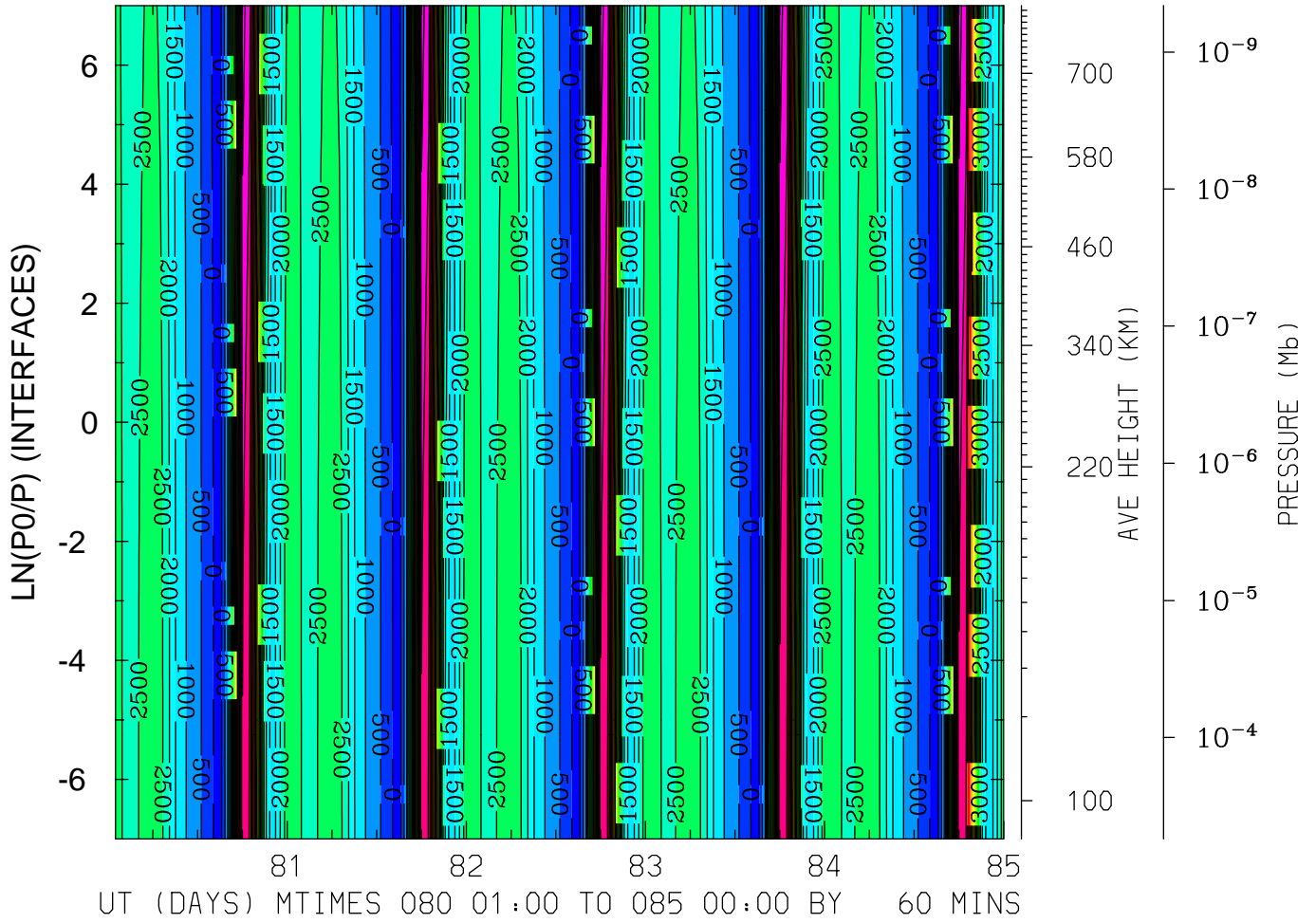
MIN,MAX= -7.5782E+01 6.7929E+01 INTERVAL= 1.0000E+01  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
 LAT= 58.75 LOCAL TIME= 0.00



MIN,MAX= -1.4538E+04 -1.5562E+03 INTERVAL= 1.0000E+03  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

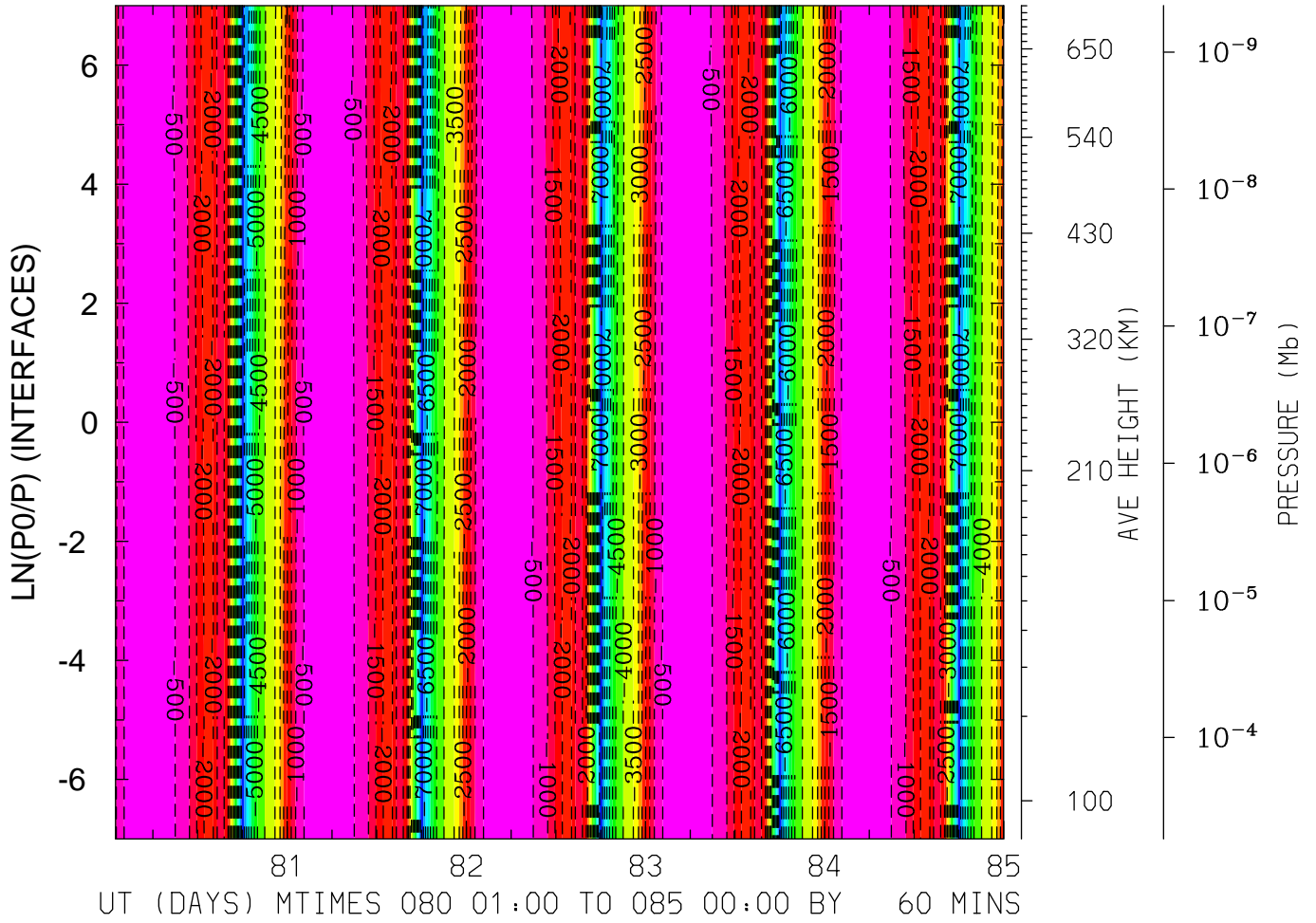
VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
 LAT= 58.75 LOCAL TIME=12.00



MIN,MAX= -2.9938E+02 9.7149E+03 INTERVAL= 5.0000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

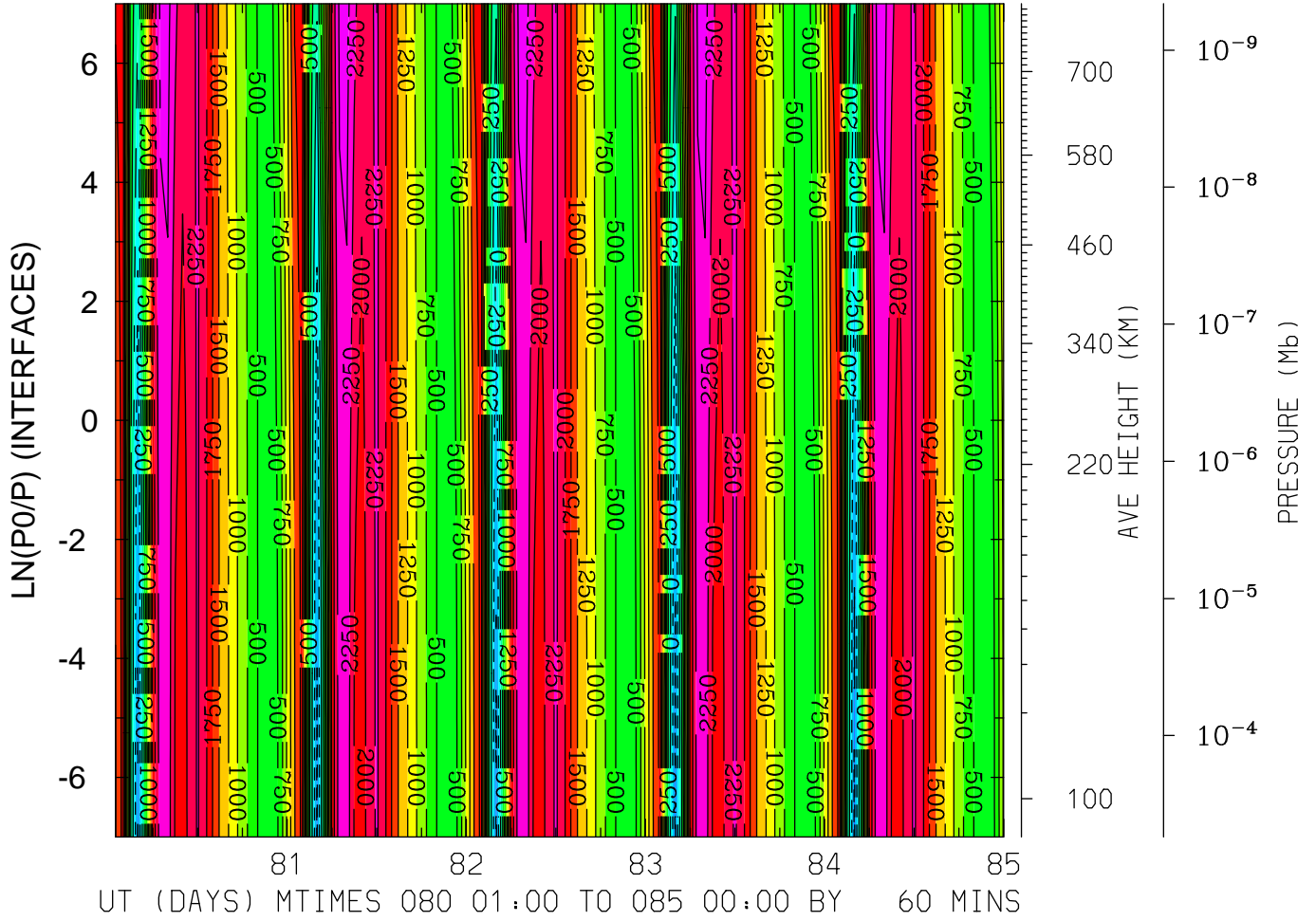


WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 LAT=-61.25 LOCAL TIME= 0.00



MIN,MAX= -7.4321E+03 -6.3739E+00 INTERVAL= 5.0000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

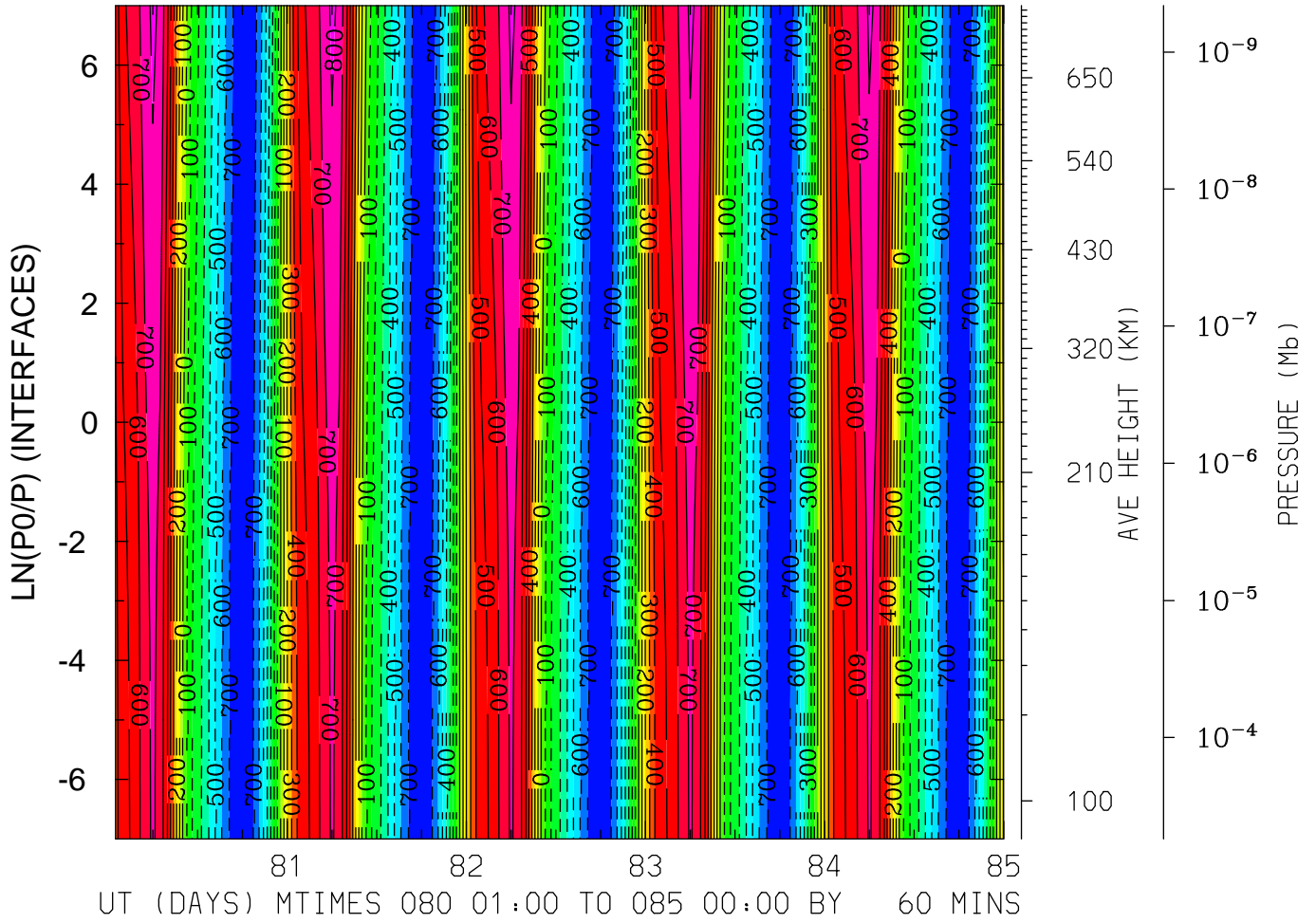
WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 LAT=-61.25 LOCAL TIME=12.00



MIN,MAX= -5.4586E+02 2.5768E+03 INTERVAL= 2.5000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

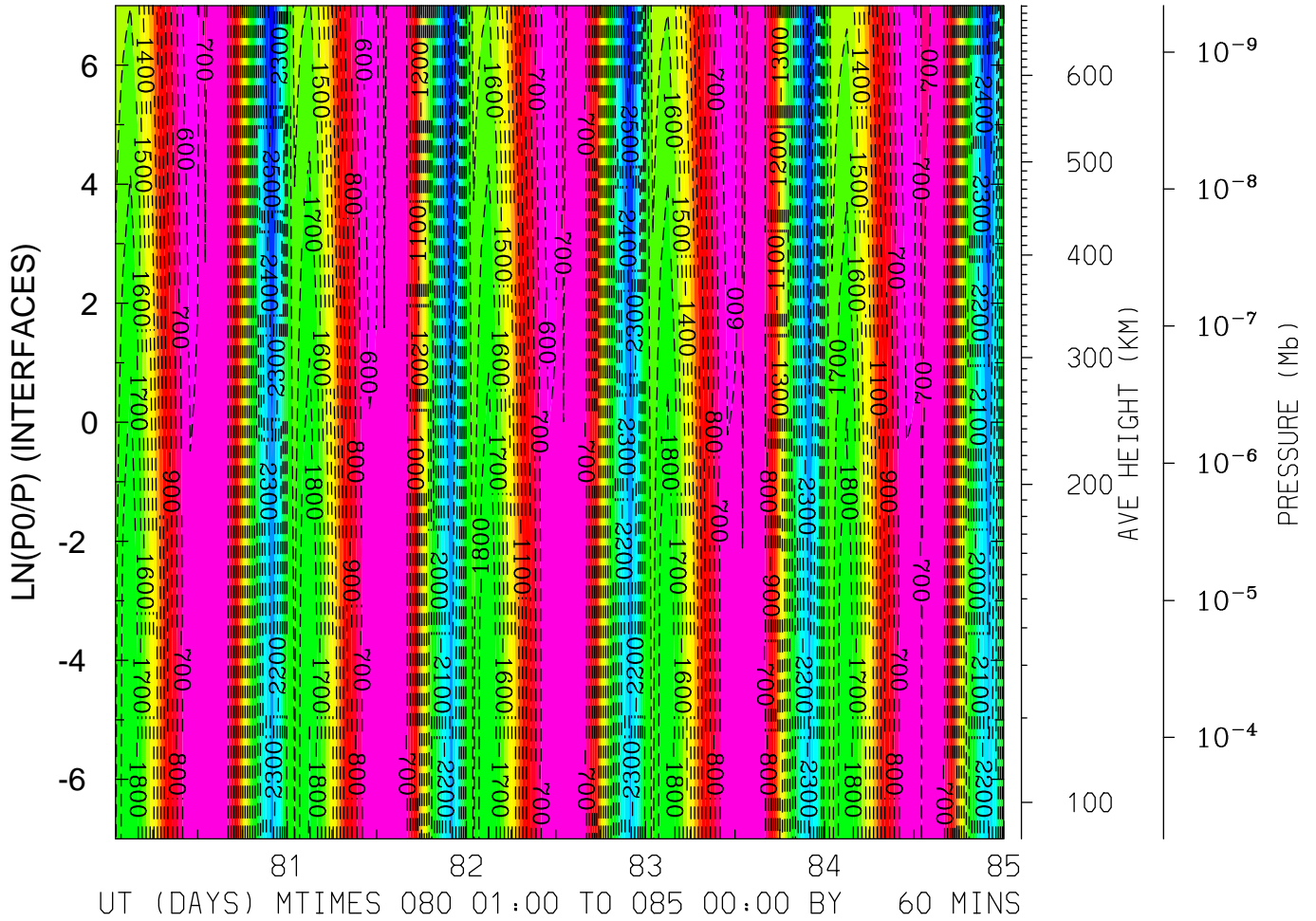


WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
LAT=-61.25 (ZONAL MEANS)



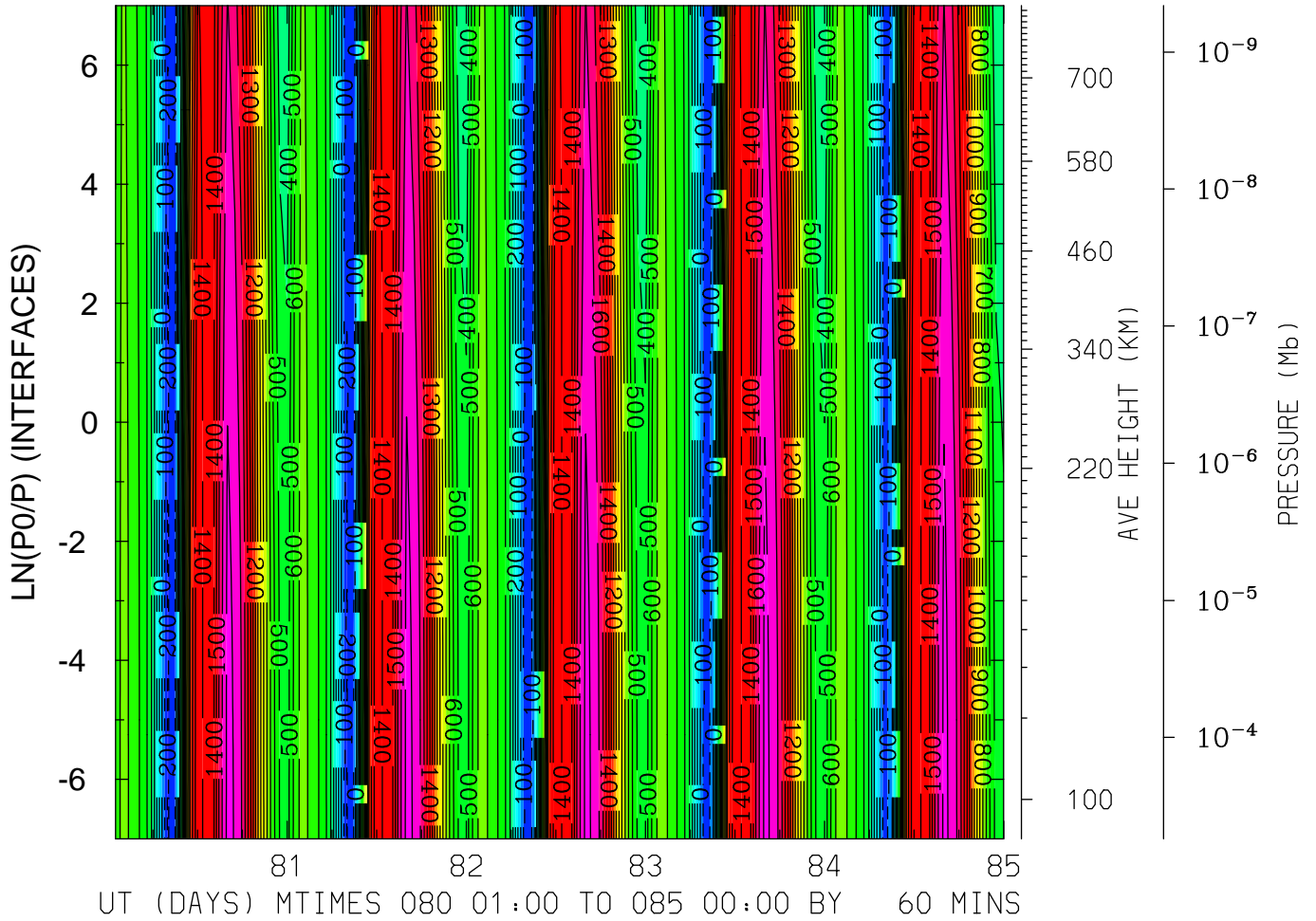
MIN,MAX= -7.9185E+02 8.2329E+02 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 LAT=-41.25 LOCAL TIME= 0.00



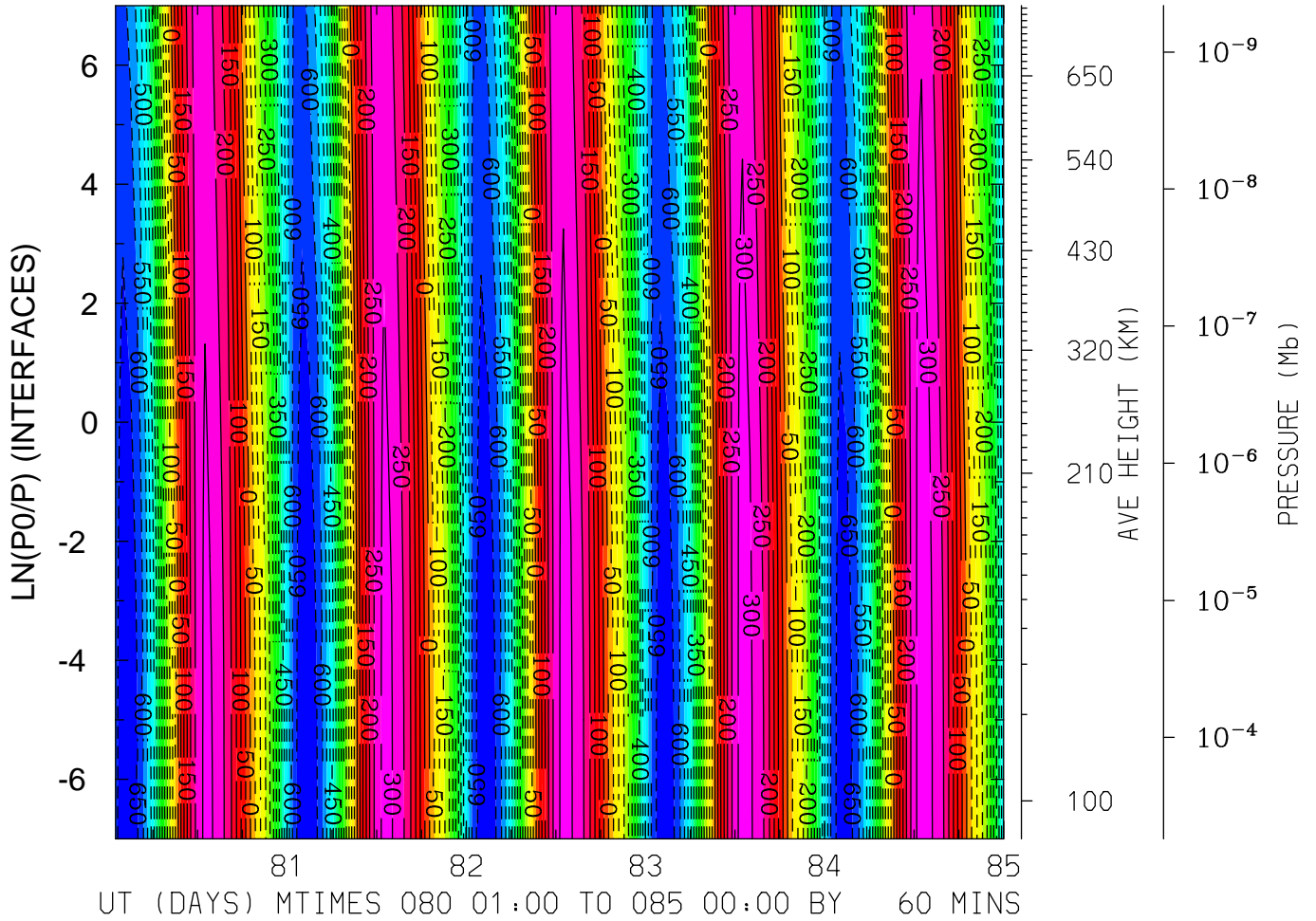
MIN,MAX= -2.5942E+03 -5.2859E+02 INTERVAL= 1.0000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 LAT=-41.25 LOCAL TIME=12.00



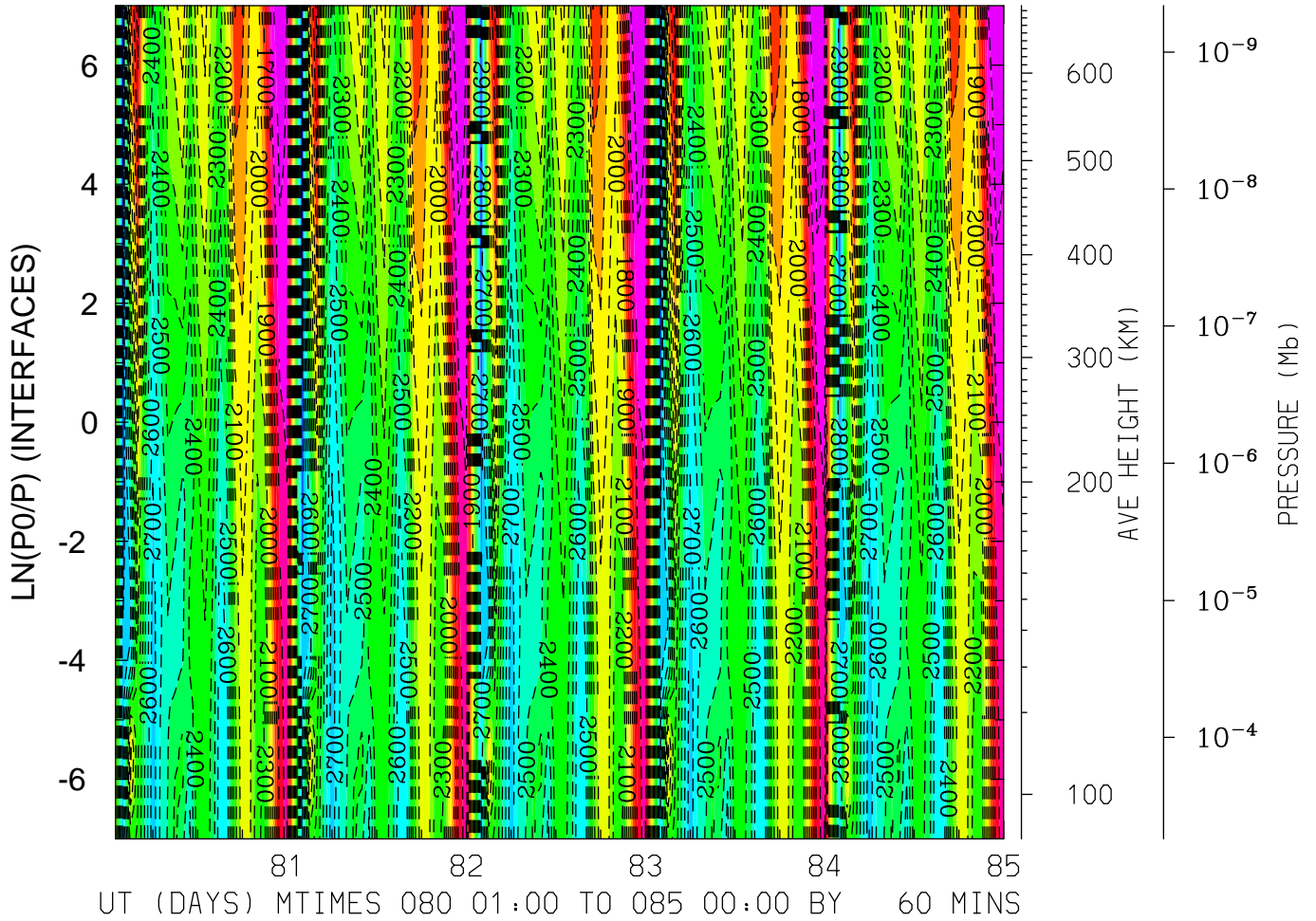
MIN,MAX= -2.1369E+02 1.8304E+03 INTERVAL= 1.0000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 LAT=-41.25 (ZONAL MEANS)



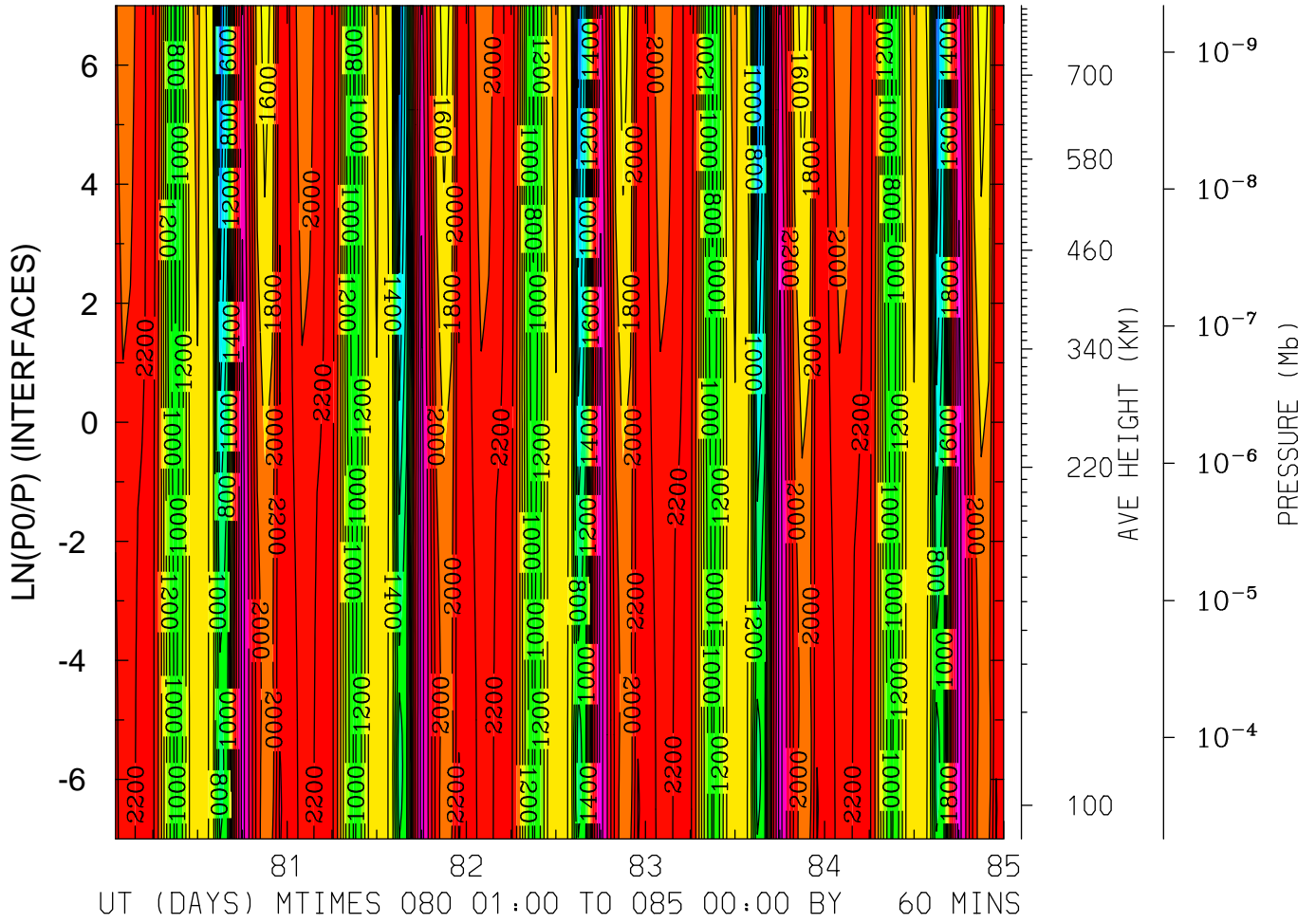
MIN,MAX= -6.8516E+02 3.2595E+02 INTERVAL= 5.0000E+01  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 LAT= -1.25 LOCAL TIME= 0.00



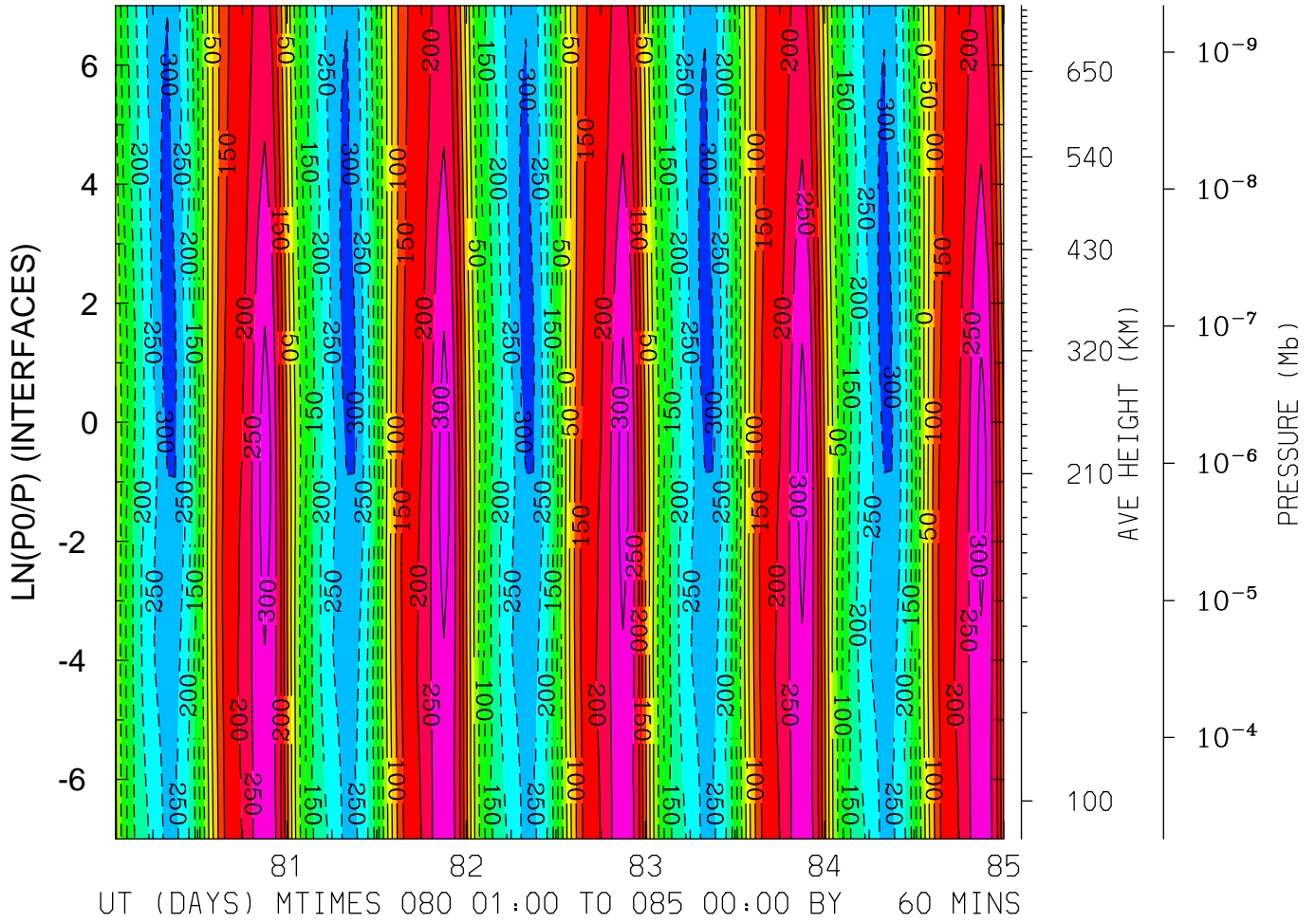
MIN,MAX= -2.9695E+03 -1.2027E+03 INTERVAL= 1.0000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 LAT= -1.25 LOCAL TIME=12.00



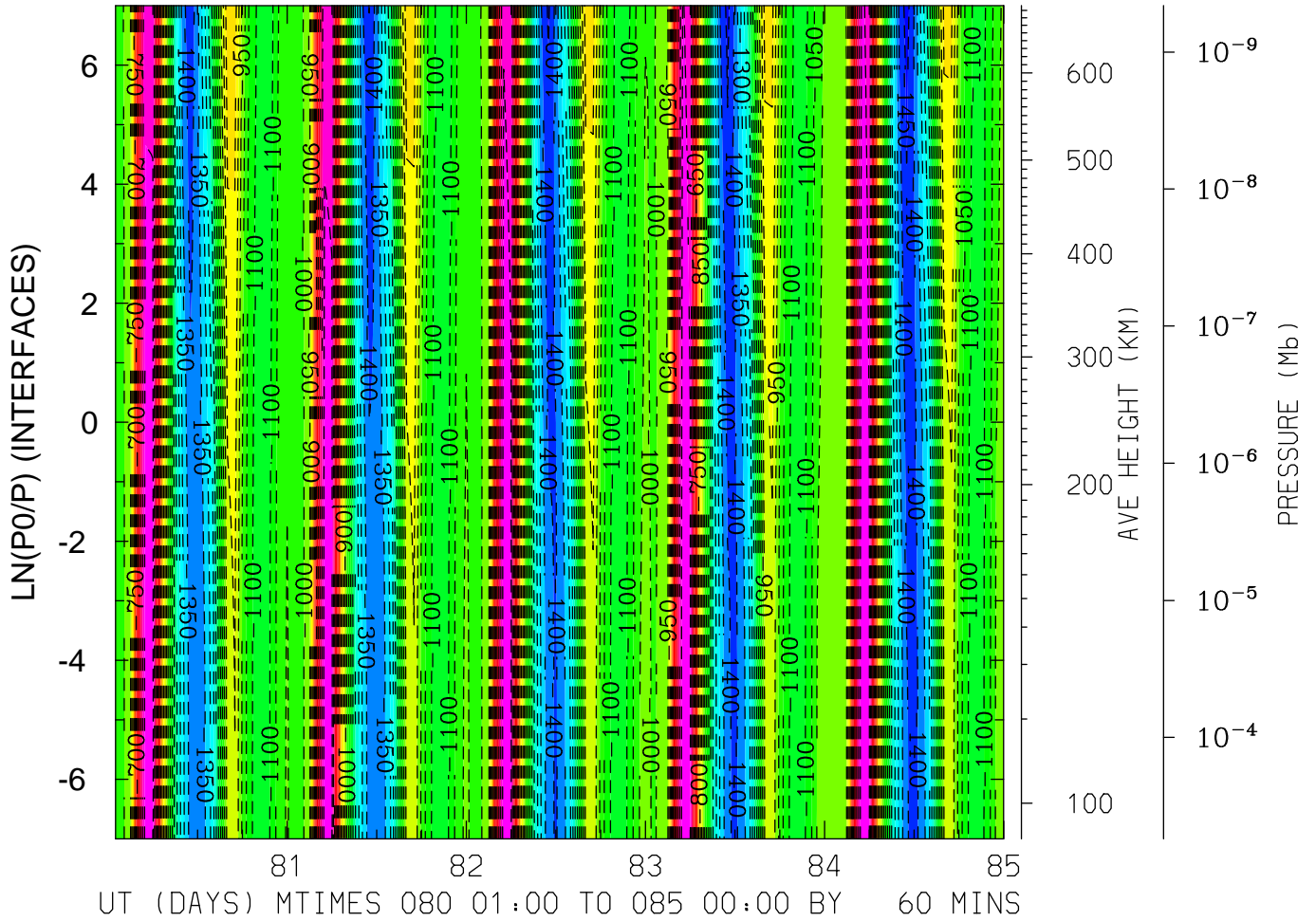
MIN,MAX= -8.3603E+01 2.8969E+03 INTERVAL= 2.0000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 LAT= -1.25 (ZONAL MEANS)



MIN,MAX= -3.1943E+02 3.2346E+02 INTERVAL= 5.0000E+01  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

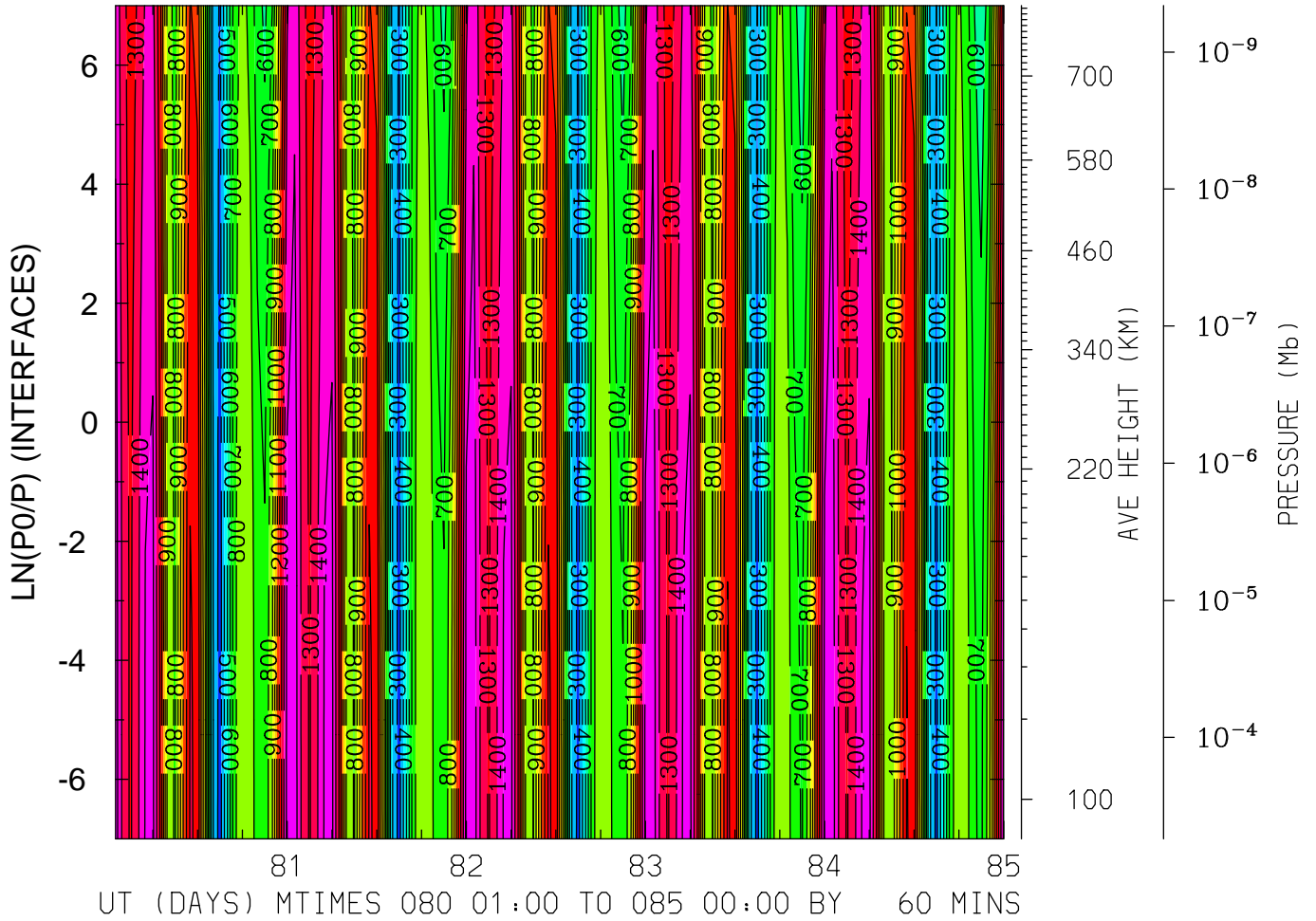
WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 LAT= 38.75 LOCAL TIME= 0.00



MIN,MAX= -1.4740E+03 -4.0794E+02 INTERVAL= 5.0000E+01  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

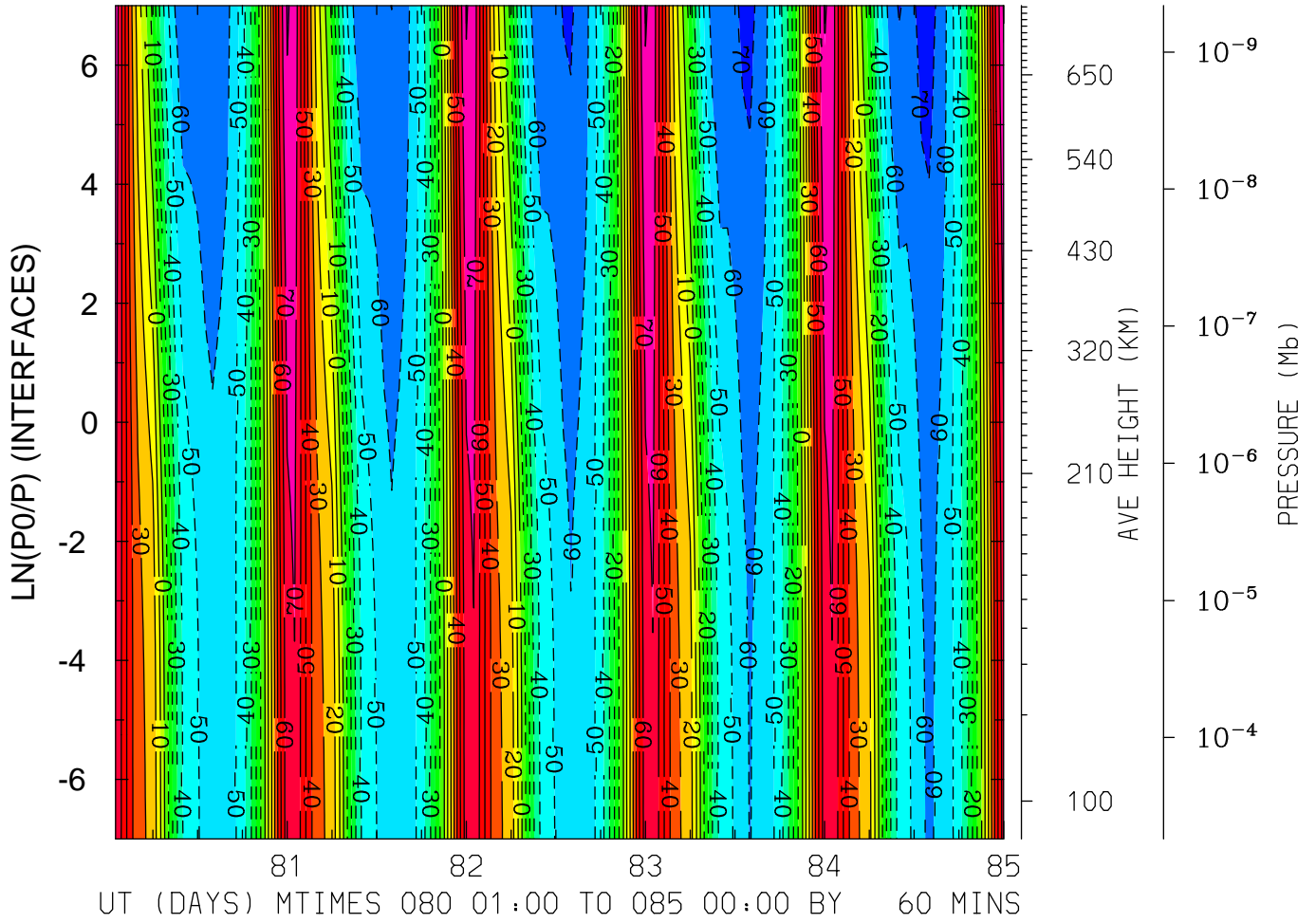


WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 LAT= 38.75 LOCAL TIME=12.00



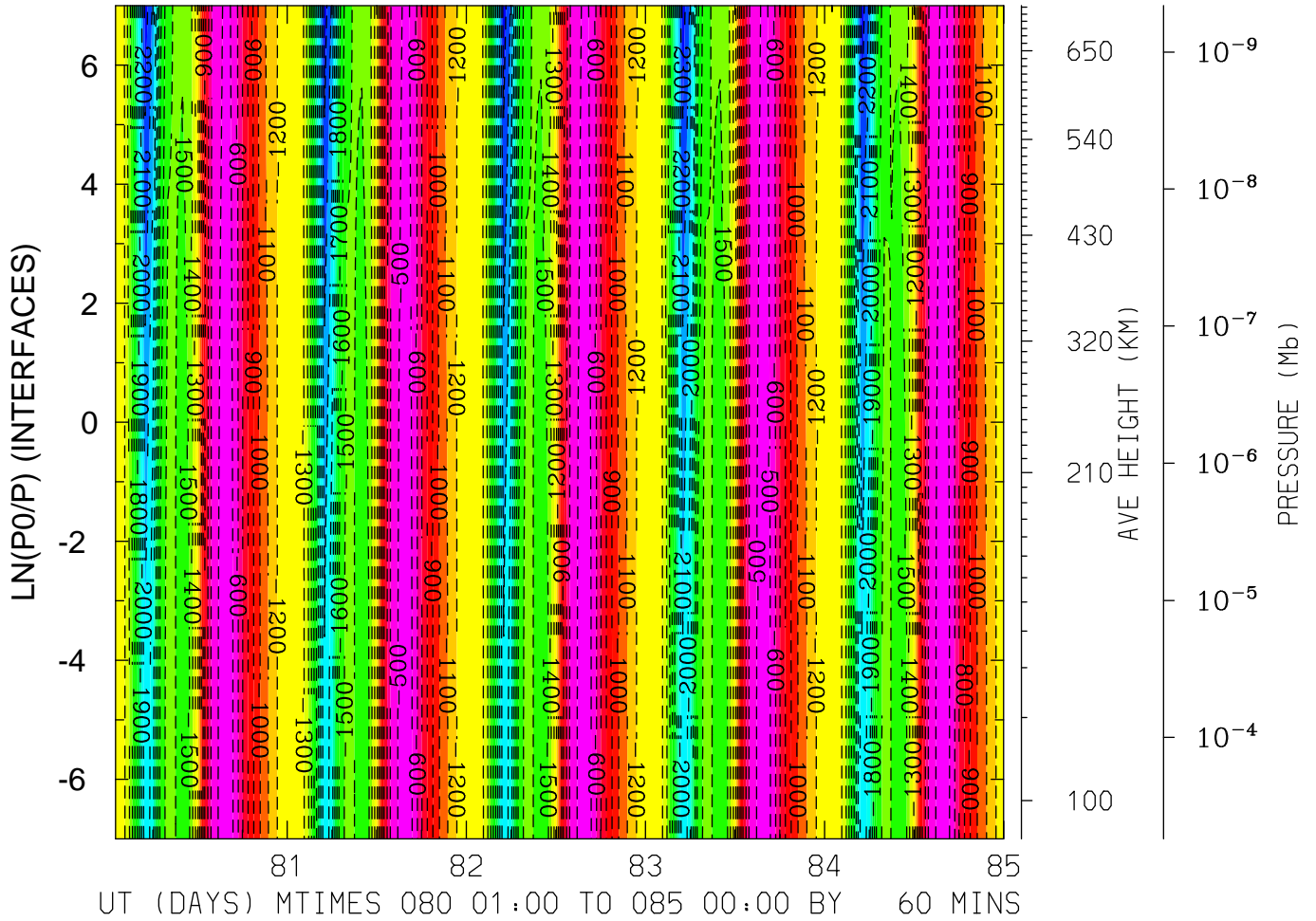
MIN,MAX= 2.5111E+02 1.5583E+03 INTERVAL= 1.0000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
LAT= 38.75 (ZONAL MEANS)



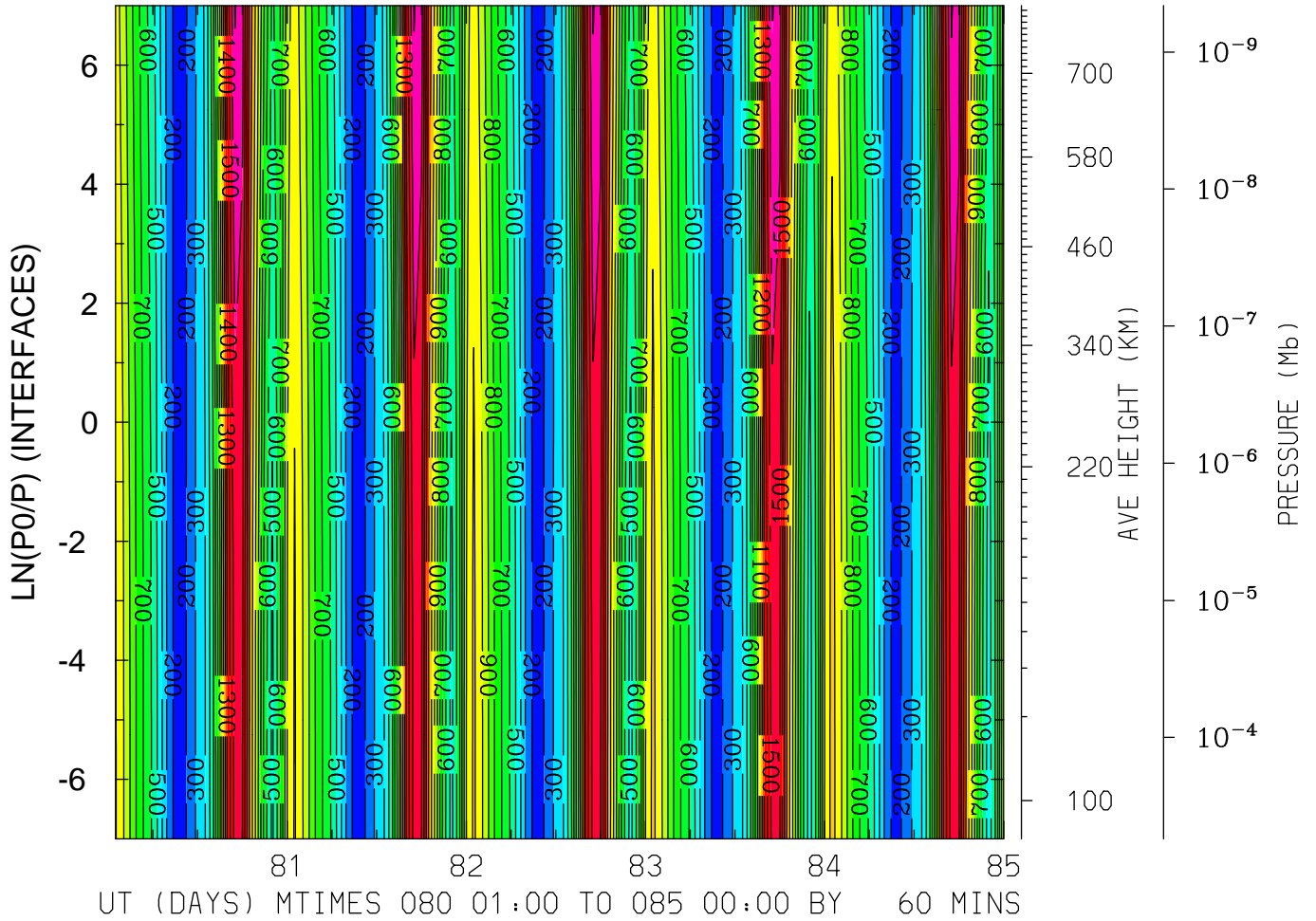
MIN,MAX= -7.3425E+01 8.0963E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
LAT= 58.75 LOCAL TIME= 0.00



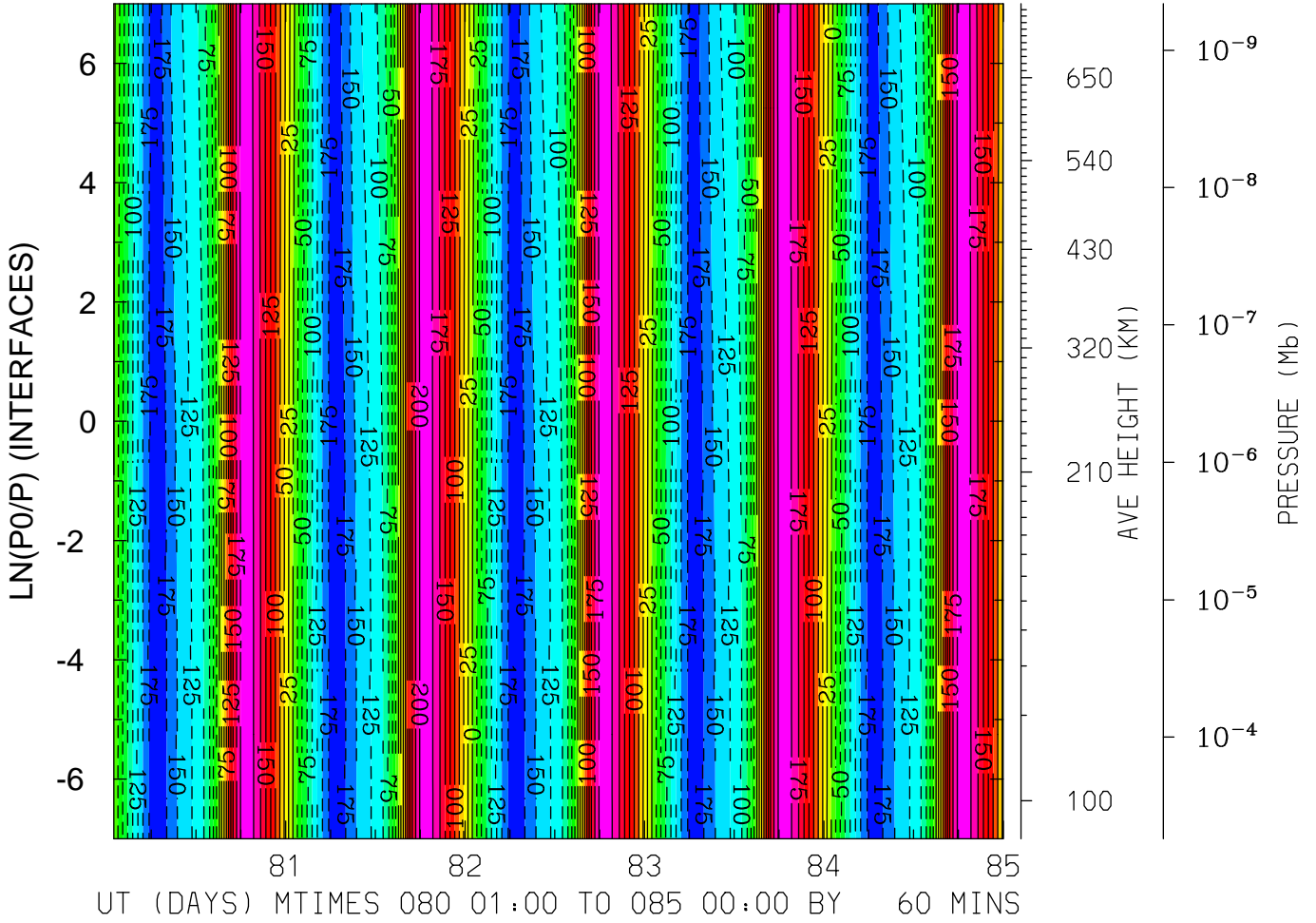
MIN,MAX= -2.3559E+03 -4.3536E+02 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 LAT= 58.75 LOCAL TIME=12.00



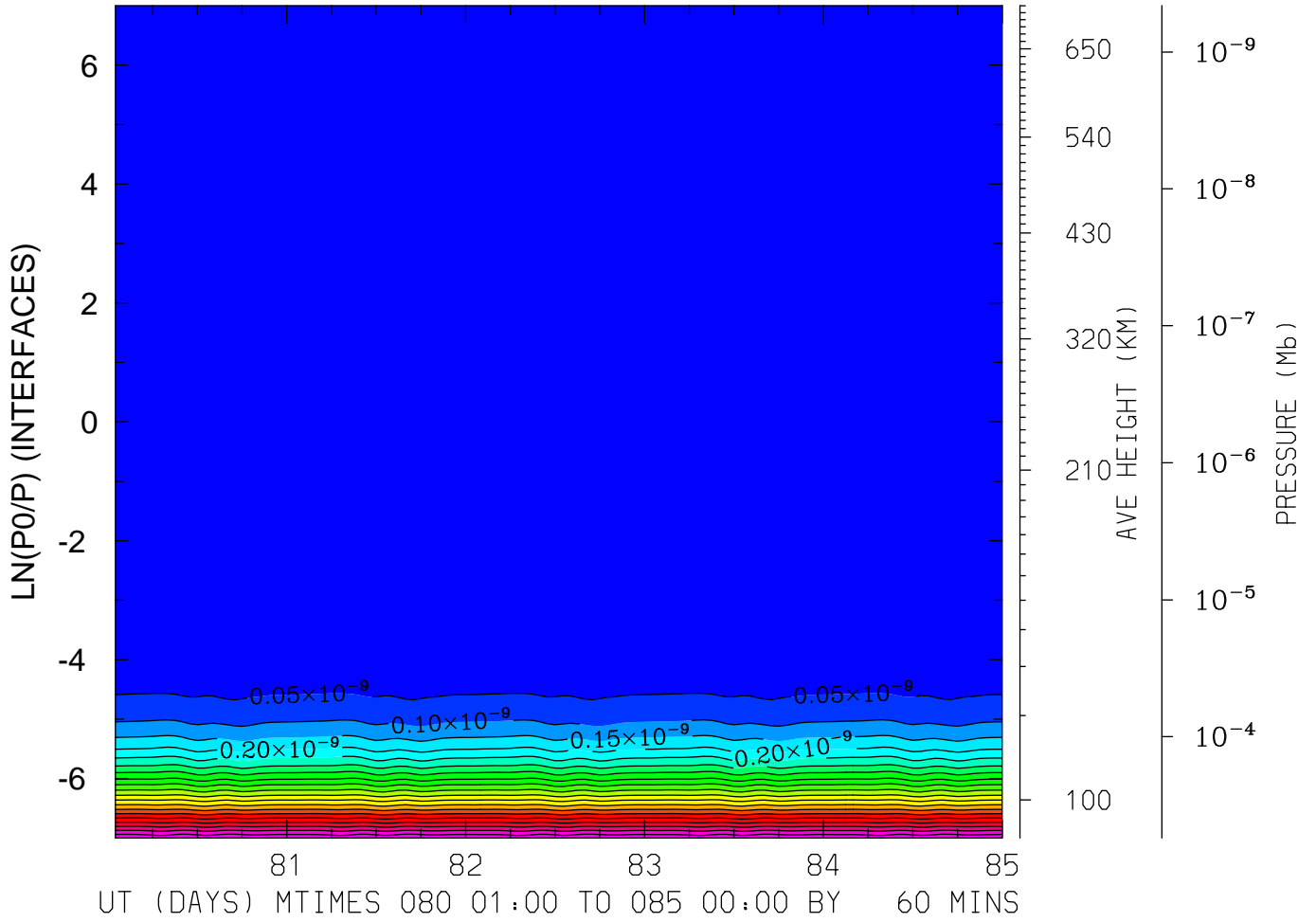
MIN,MAX= 1.6546E+02 1.7098E+03 INTERVAL= 1.0000E+02  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
 LAT= 58.75 (ZONAL MEANS)



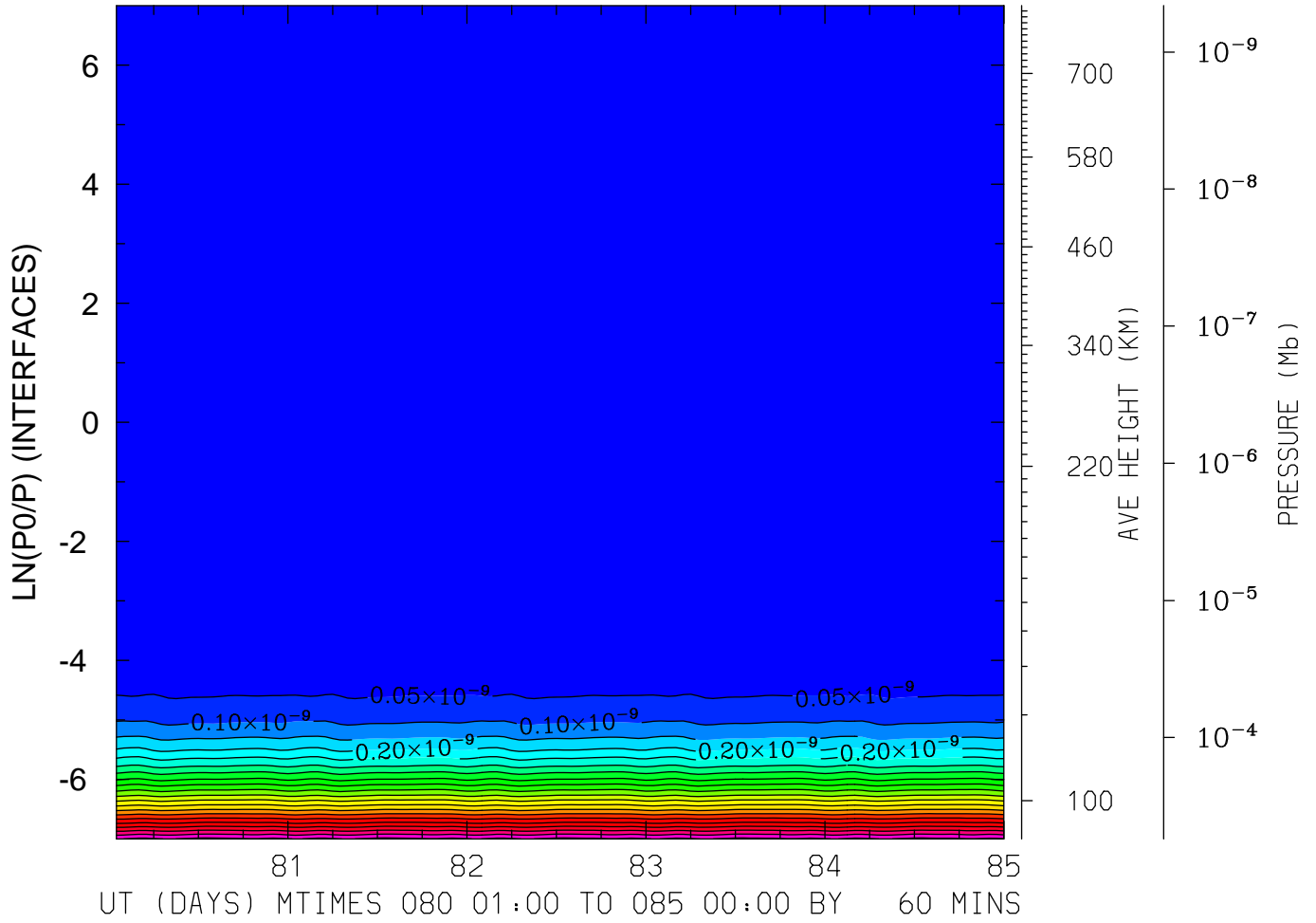
MIN,MAX= -1.9148E+02 2.1206E+02 INTERVAL= 2.5000E+01  
 FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
 LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

DEN: Total Density (g/cm<sup>3</sup>)  
LAT=-61.25 LOCAL TIME= 0.00



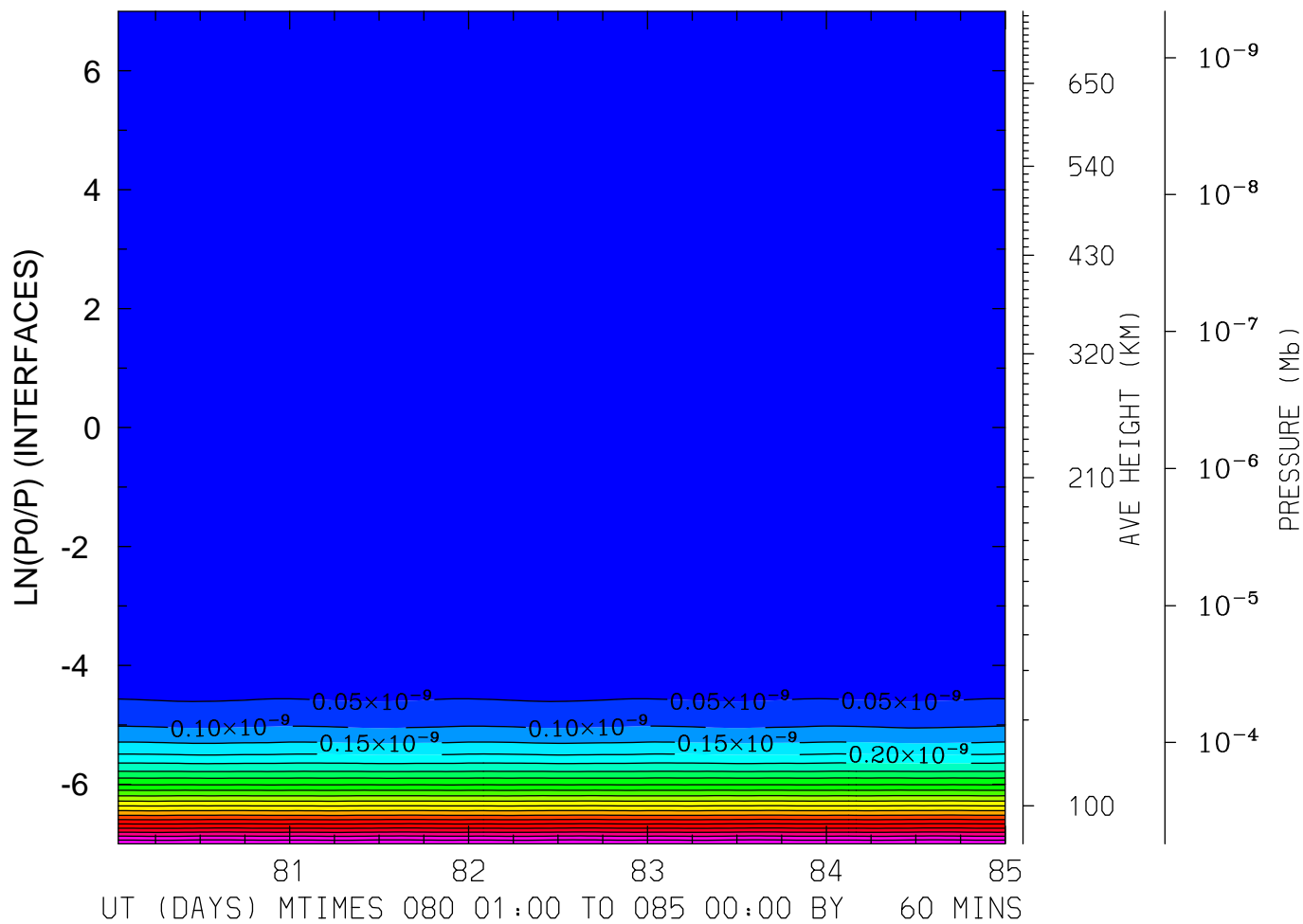
MIN,MAX= 7.0433E-17 1.0506E-09 INTERVAL= 5.0000E-11  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

DEN: Total Density (g/cm<sup>3</sup>)  
LAT=-61.25 LOCAL TIME=12.00



MIN,MAX= 6.1166E-17 1.0642E-09 INTERVAL= 5.0000E-11  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

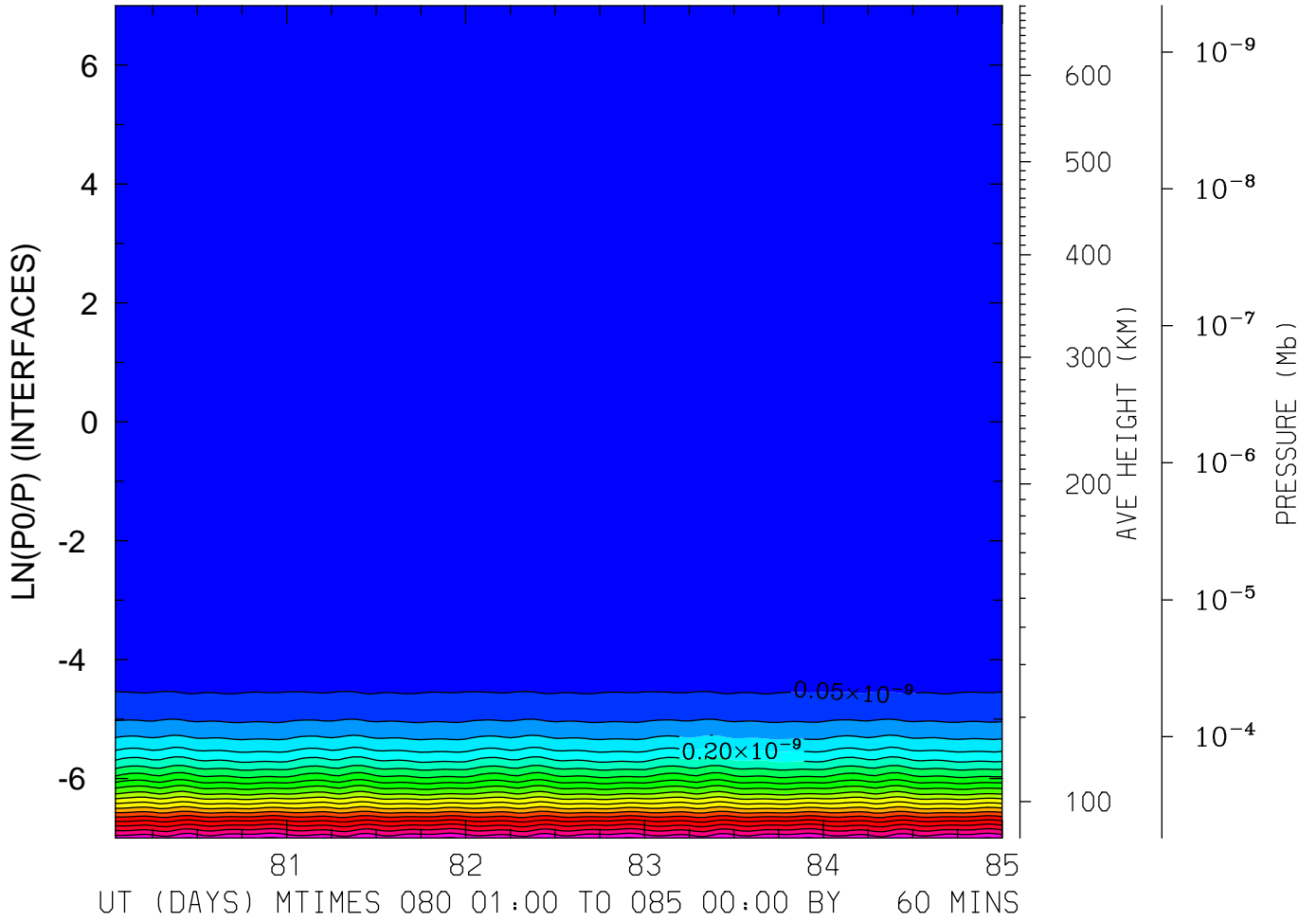
DEN: Total Density (g/cm<sup>3</sup>)  
LAT=-61.25 (ZONAL MEANS)



MIN,MAX= 6.6633E-17 1.0509E-09 INTERVAL= 5.0000E-11  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

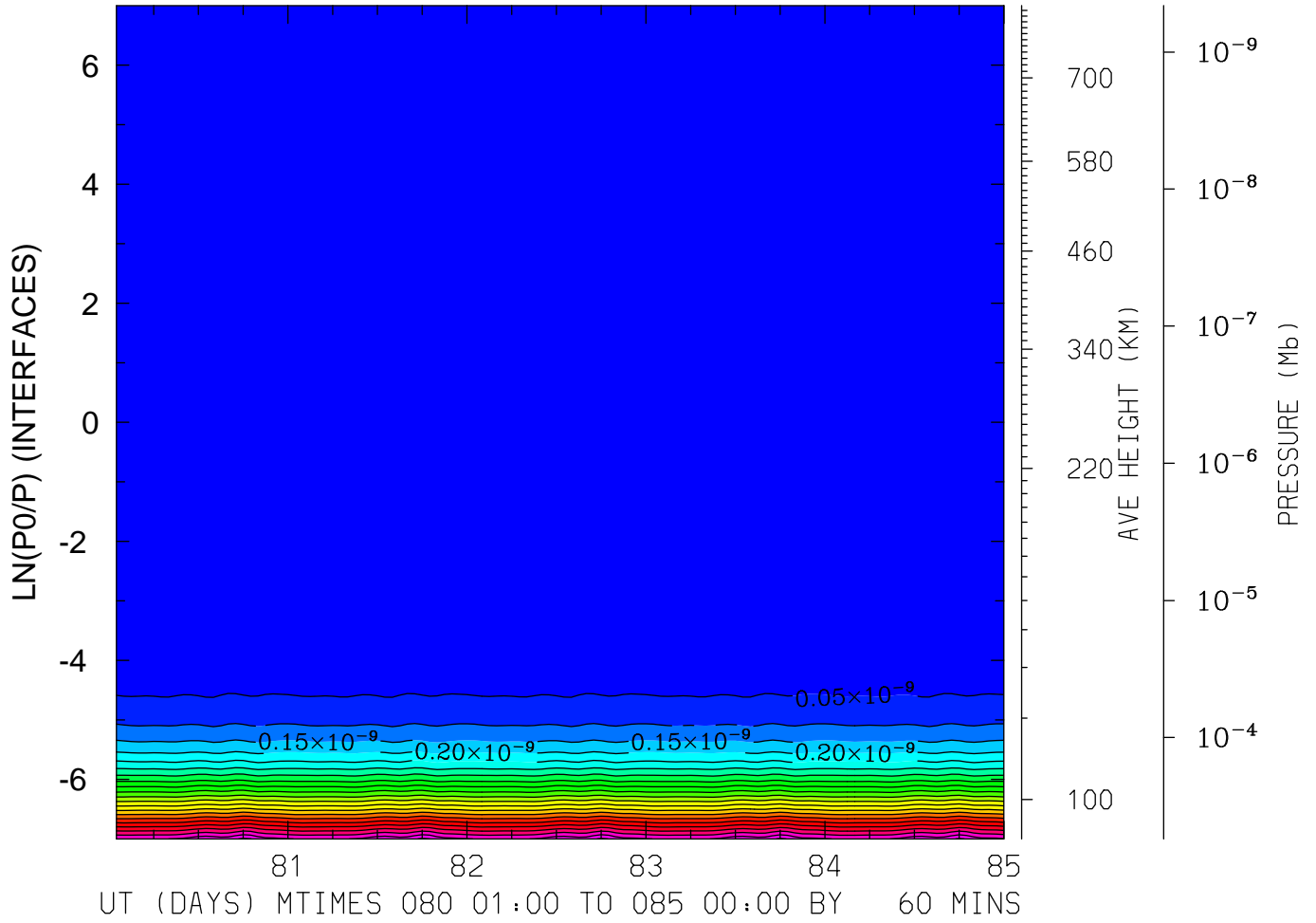


DEN: Total Density (g/cm<sup>3</sup>)  
LAT=-41.25 LOCAL TIME= 0.00



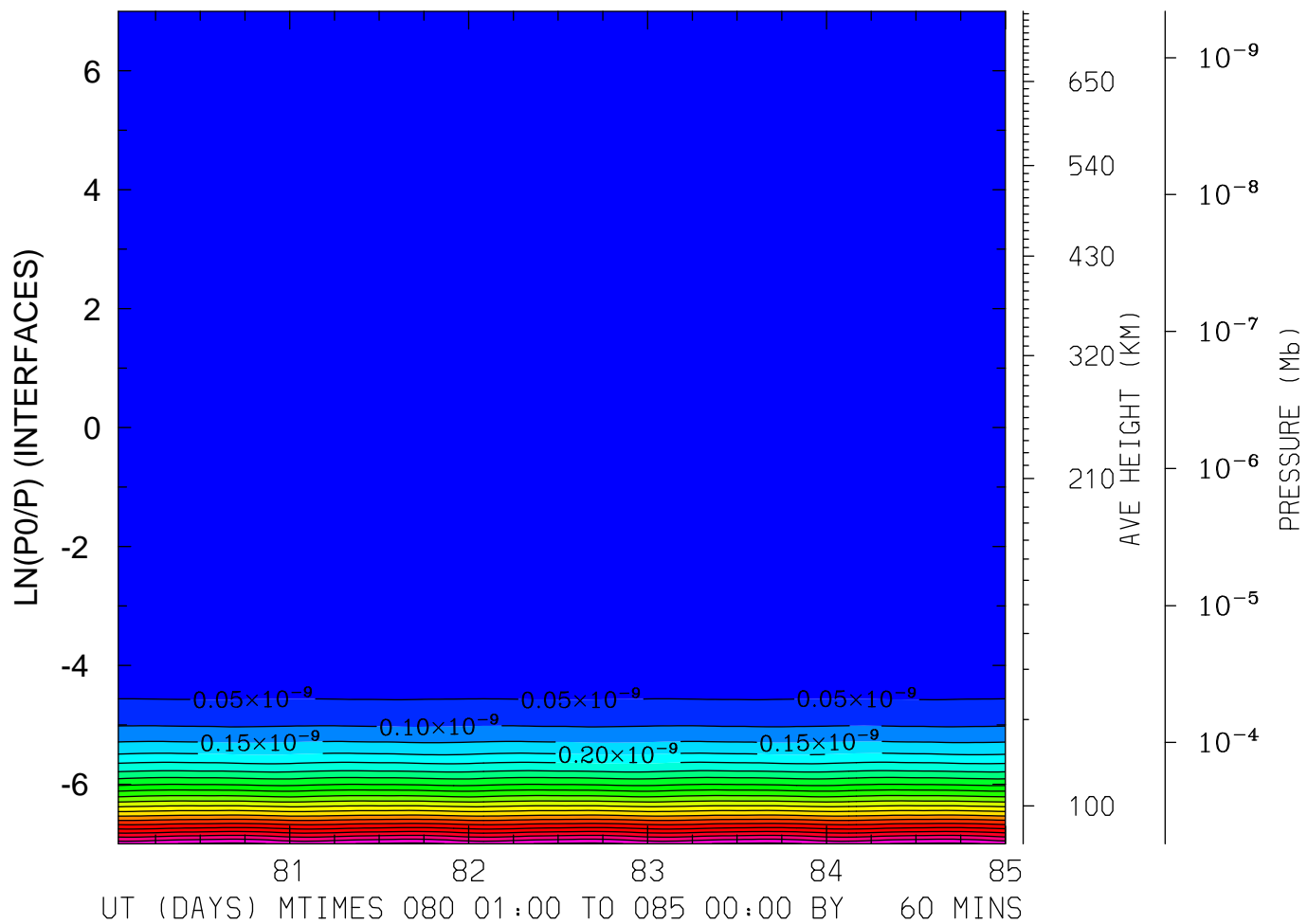
MIN,MAX= 7.5630E-17 1.0043E-09 INTERVAL= 5.0000E-11  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

DEN: Total Density (g/cm<sup>3</sup>)  
LAT=-41.25 LOCAL TIME=12.00



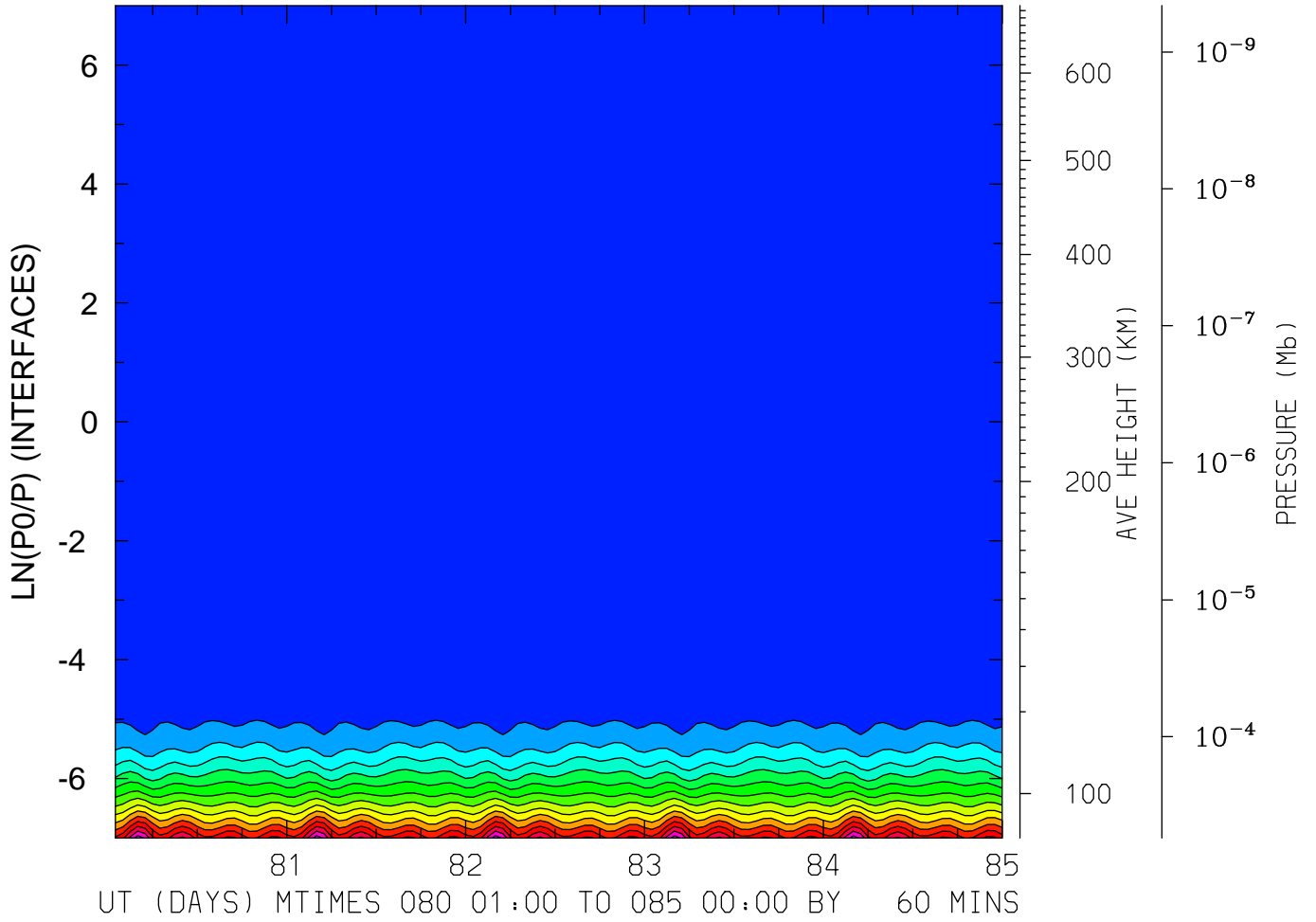
MIN,MAX= 5.8874E-17 1.1094E-09 INTERVAL= 5.0000E-11  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

DEN: Total Density (g/cm3)  
LAT=-41.25 (ZONAL MEANS)



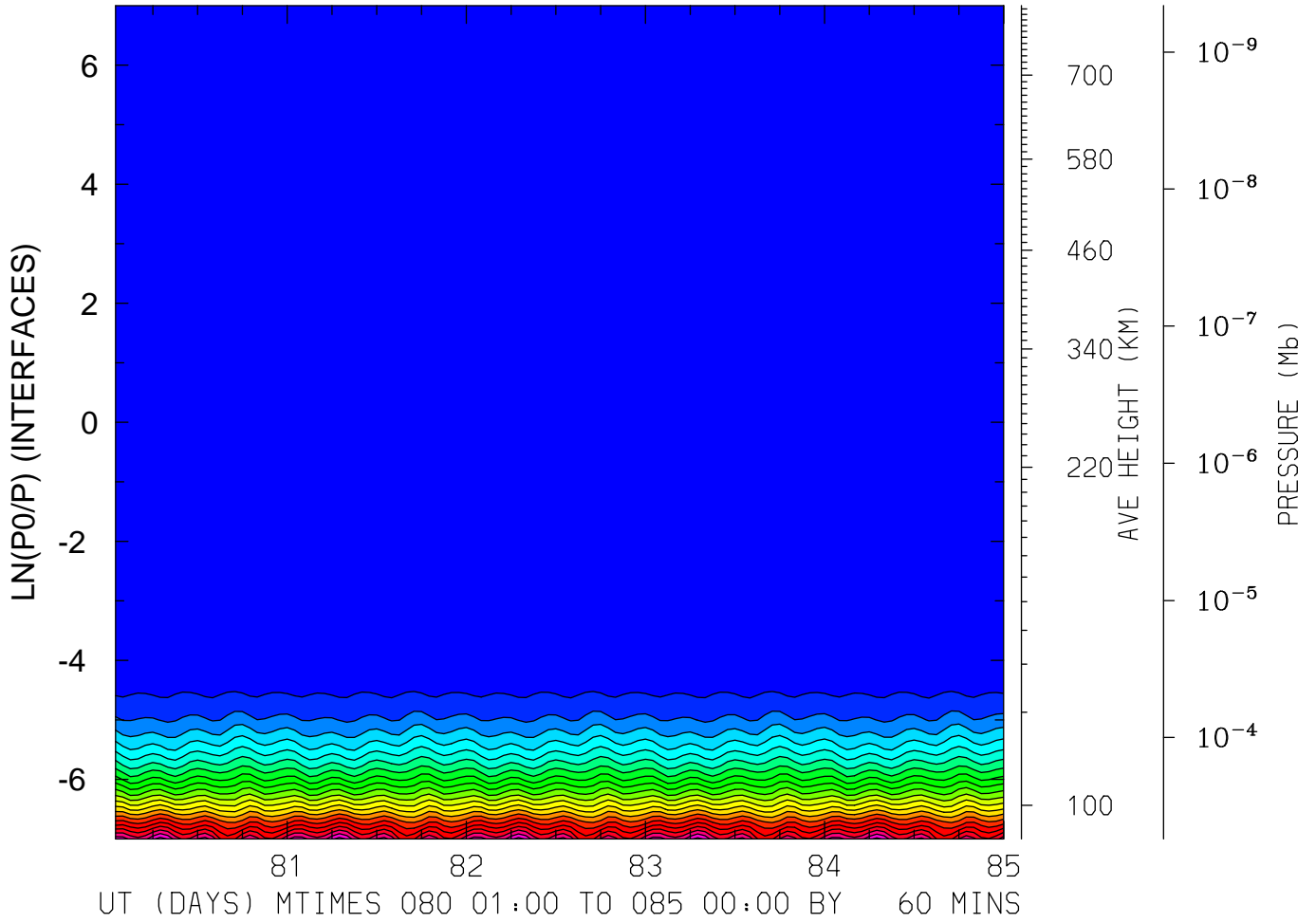
MIN,MAX= 6.7629E-17 1.0612E-09 INTERVAL= 5.0000E-11  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

DEN: Total Density (g/cm3)  
LAT= -1.25 LOCAL TIME= 0.00



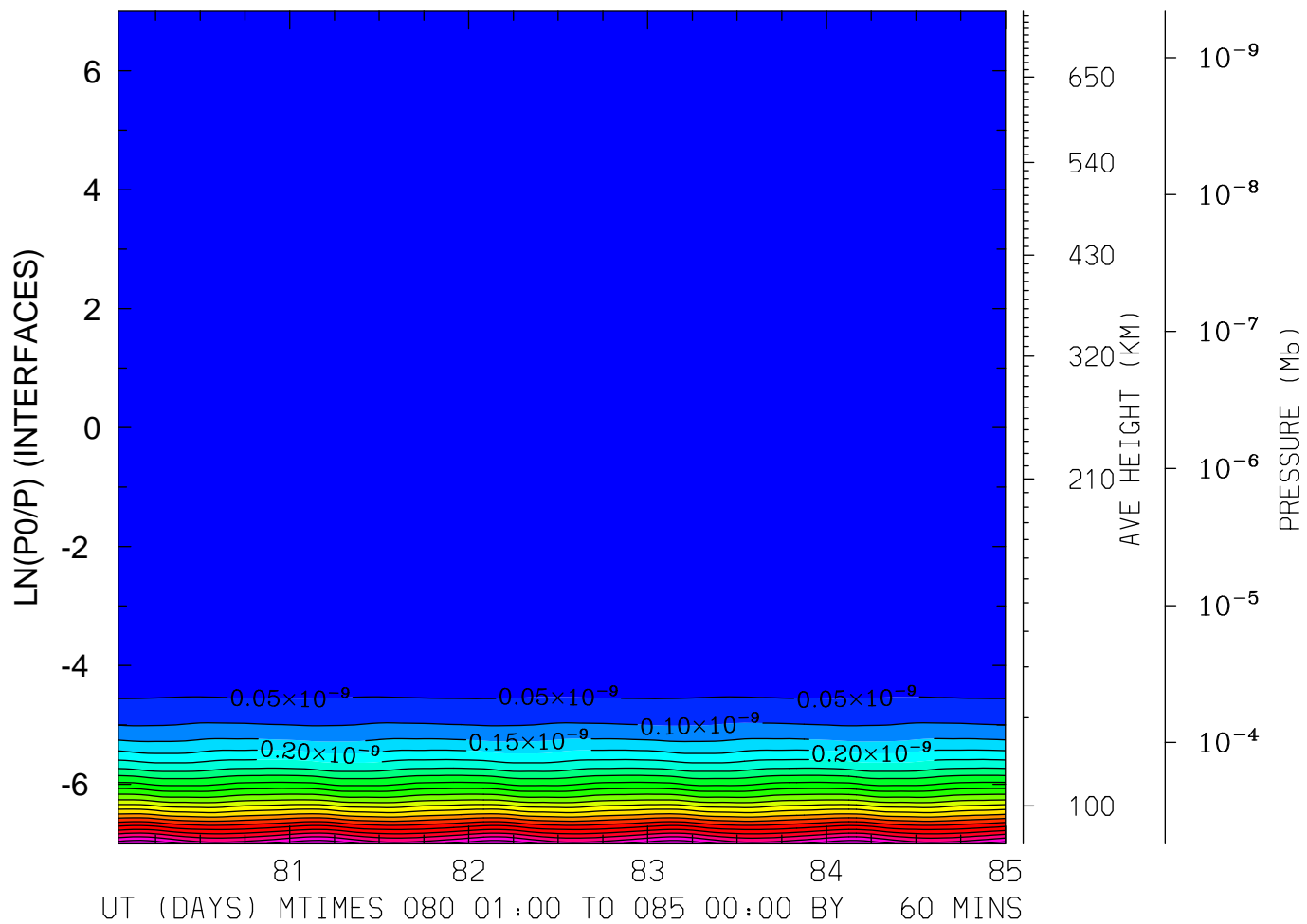
MIN,MAX= 7.6686E-17 1.4520E-09 INTERVAL= 1.0000E-10  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

DEN: Total Density (g/cm3)  
LAT= -1.25 LOCAL TIME=12.00



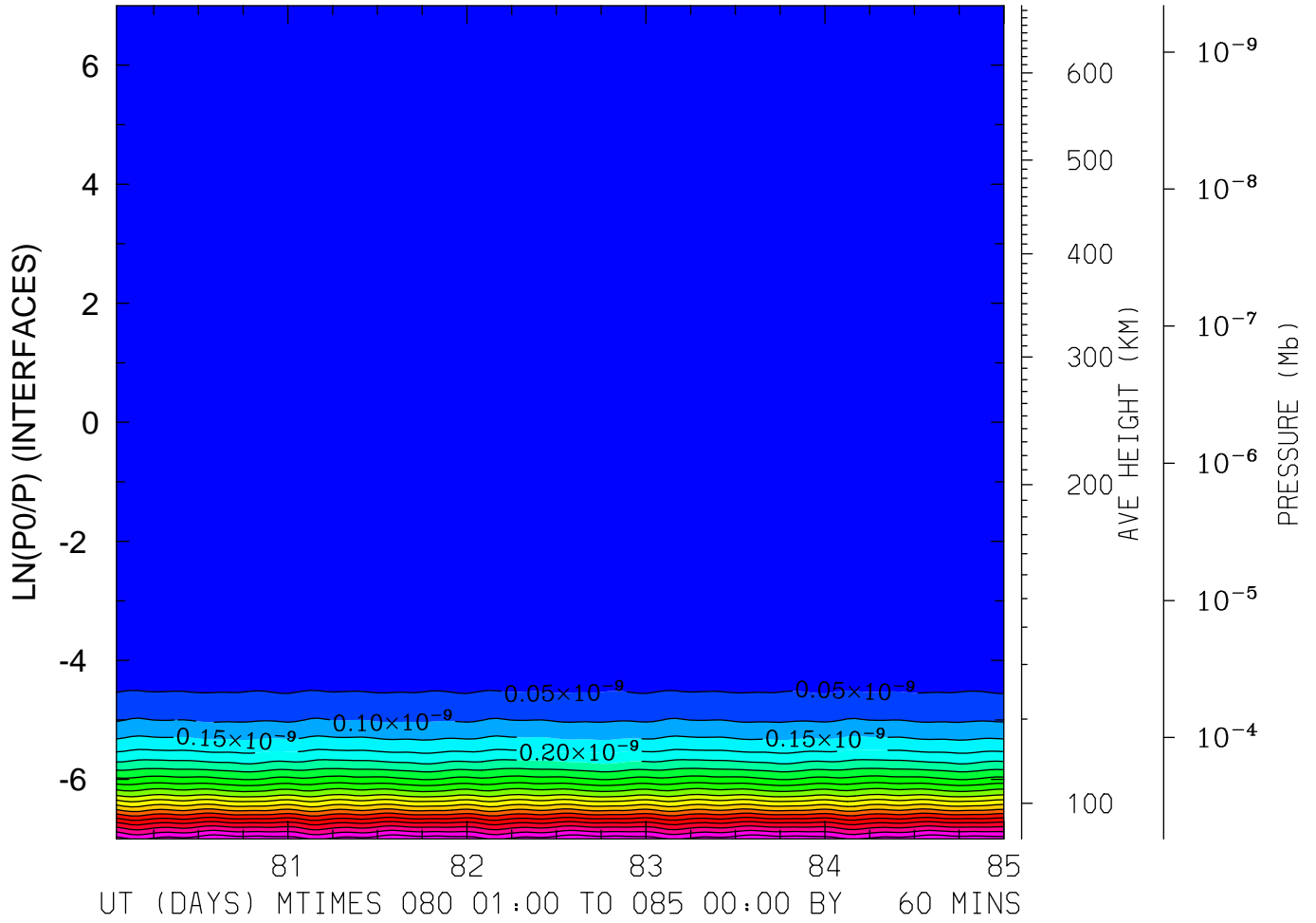
MIN,MAX= 5.6711E-17 1.0734E-09 INTERVAL= 5.0000E-11  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

DEN: Total Density (g/cm<sup>3</sup>)  
LAT= -1.25 (ZONAL MEANS)



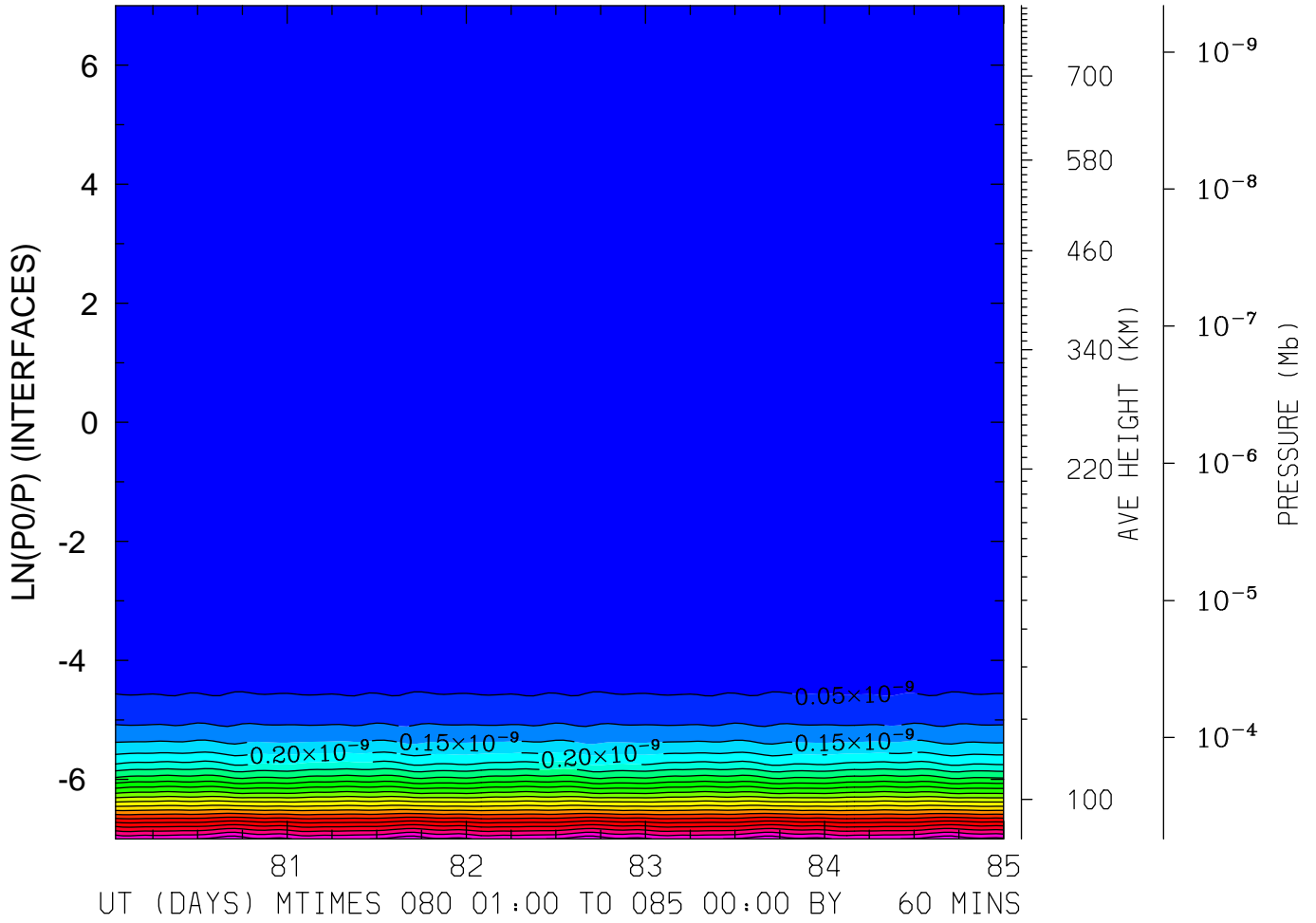
MIN,MAX= 6.7972E-17 1.0975E-09 INTERVAL= 5.0000E-11  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

DEN: Total Density (g/cm<sup>3</sup>)  
LAT= 38.75 LOCAL TIME= 0.00



MIN,MAX= 7.7489E-17 9.9603E-10 INTERVAL= 5.0000E-11  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

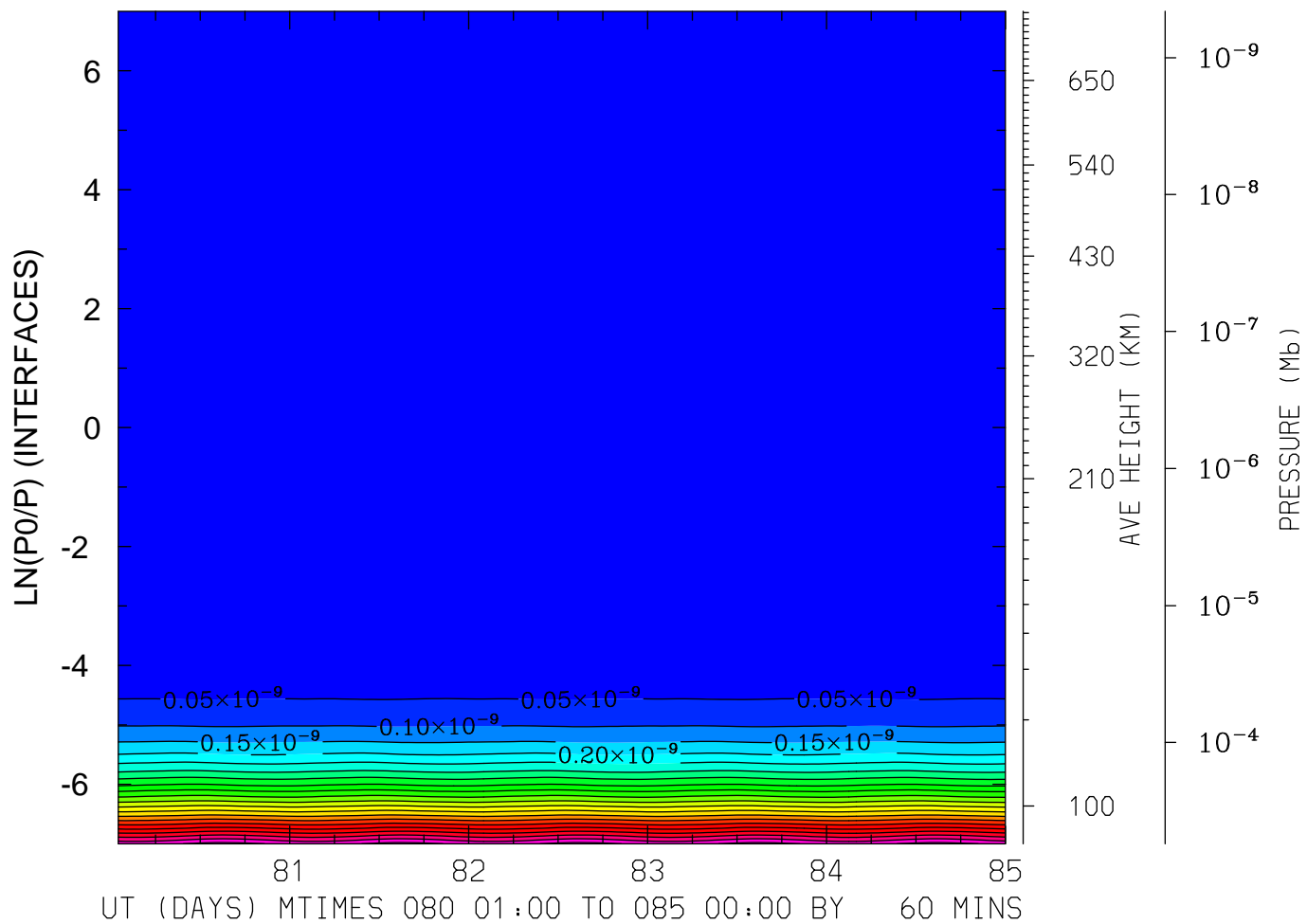
DEN: Total Density (g/cm<sup>3</sup>)  
LAT= 38.75 LOCAL TIME=12.00



MIN,MAX= 6.0924E-17 1.0892E-09 INTERVAL= 5.0000E-11  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

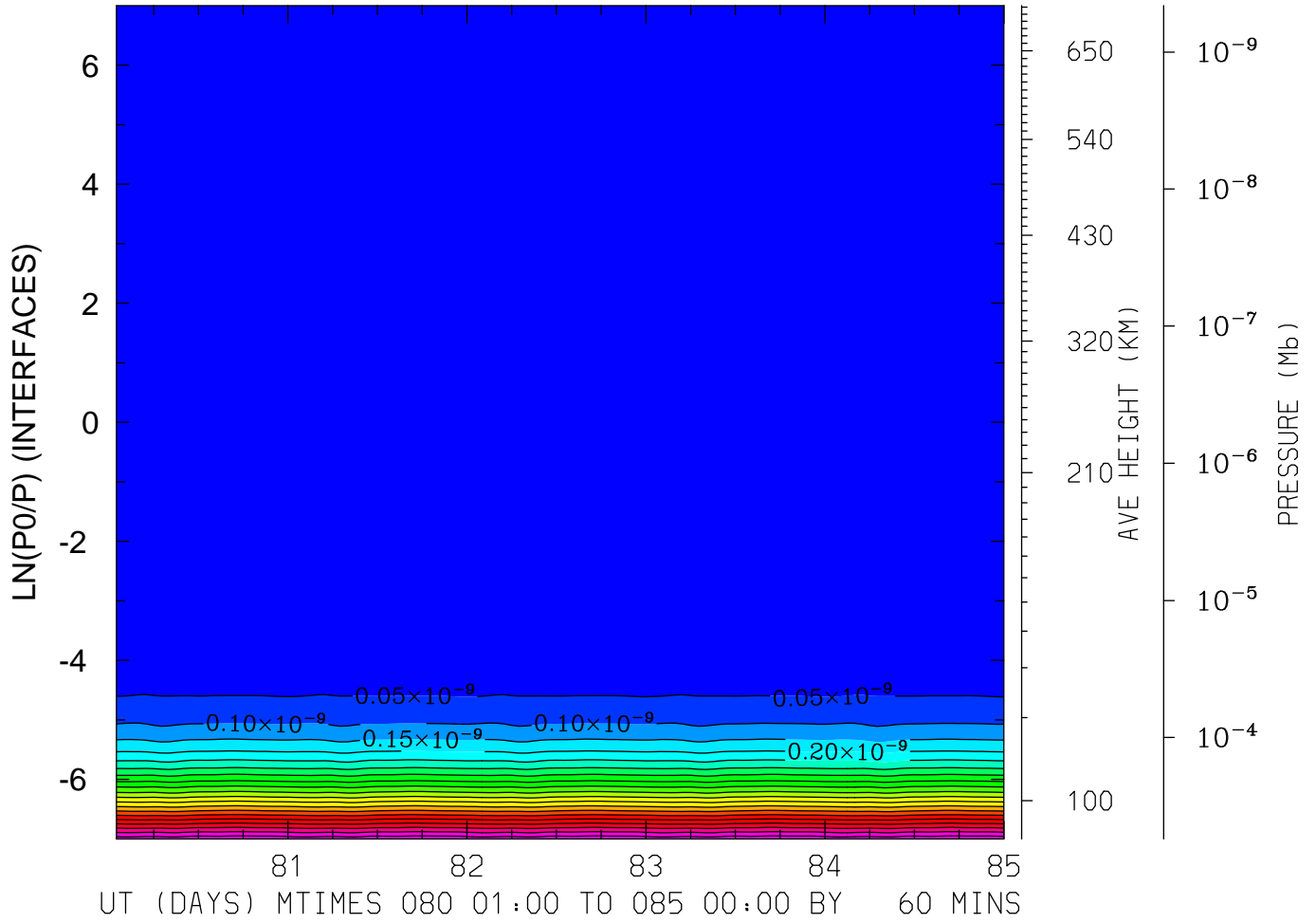


DEN: Total Density (g/cm<sup>3</sup>)  
LAT= 38.75 (ZONAL MEANS)



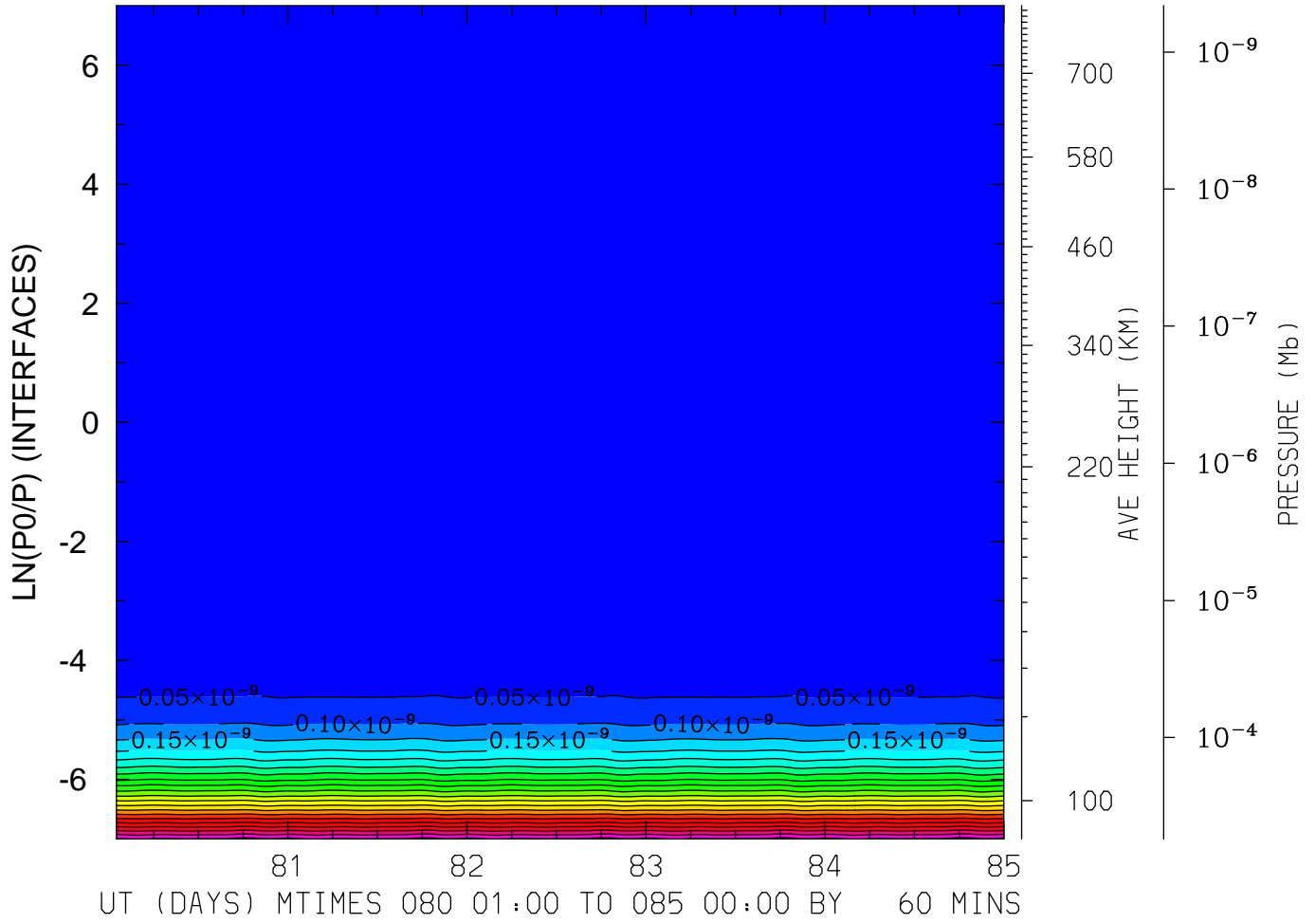
MIN,MAX= 6.8426E-17 1.0670E-09 INTERVAL= 5.0000E-11  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

DEN: Total Density (g/cm<sup>3</sup>)  
LAT= 58.75 LOCAL TIME= 0.00



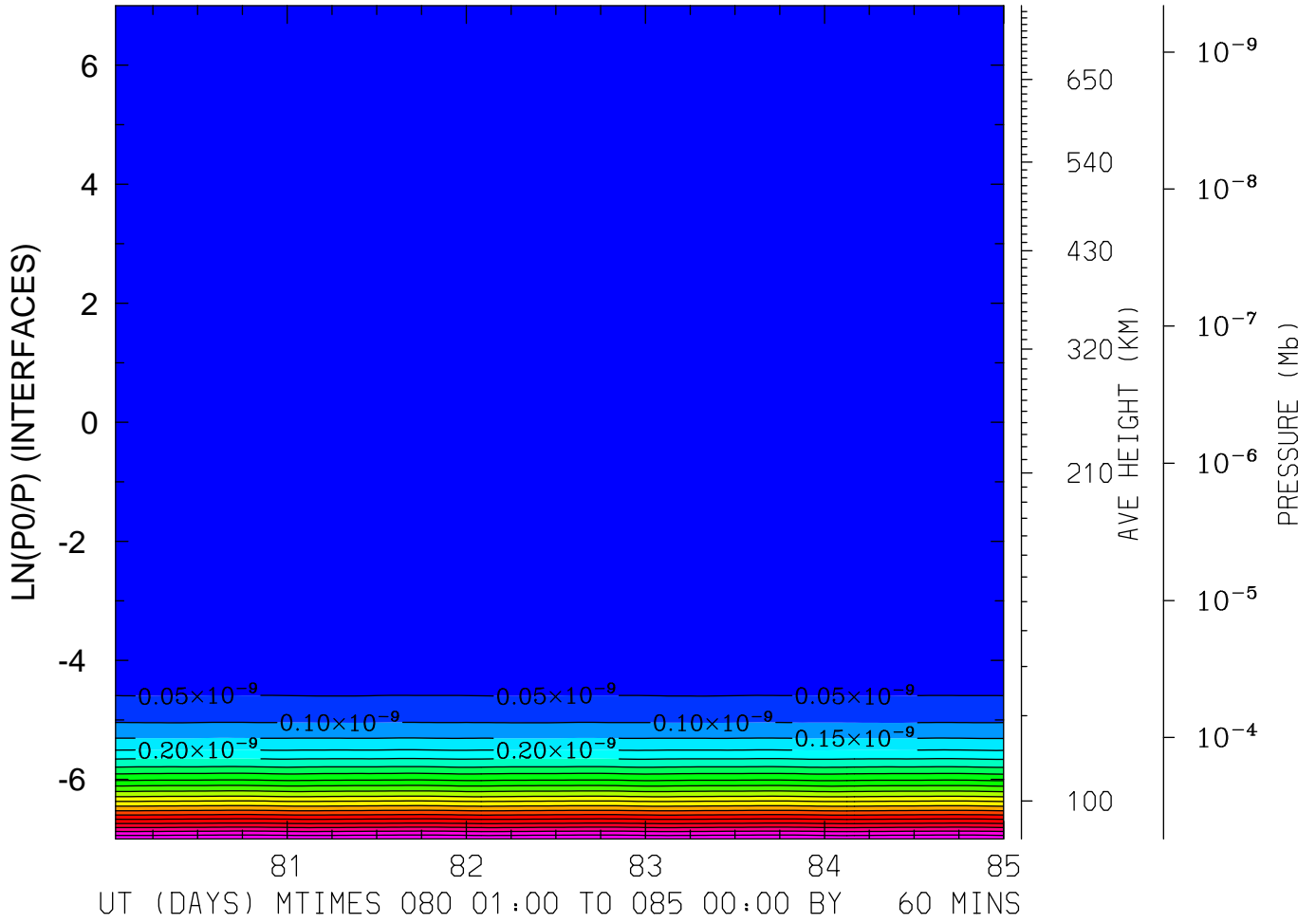
MIN,MAX= 7.2913E-17 1.0371E-09 INTERVAL= 5.0000E-11  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

DEN: Total Density (g/cm3)  
LAT= 58.75 LOCAL TIME=12.00



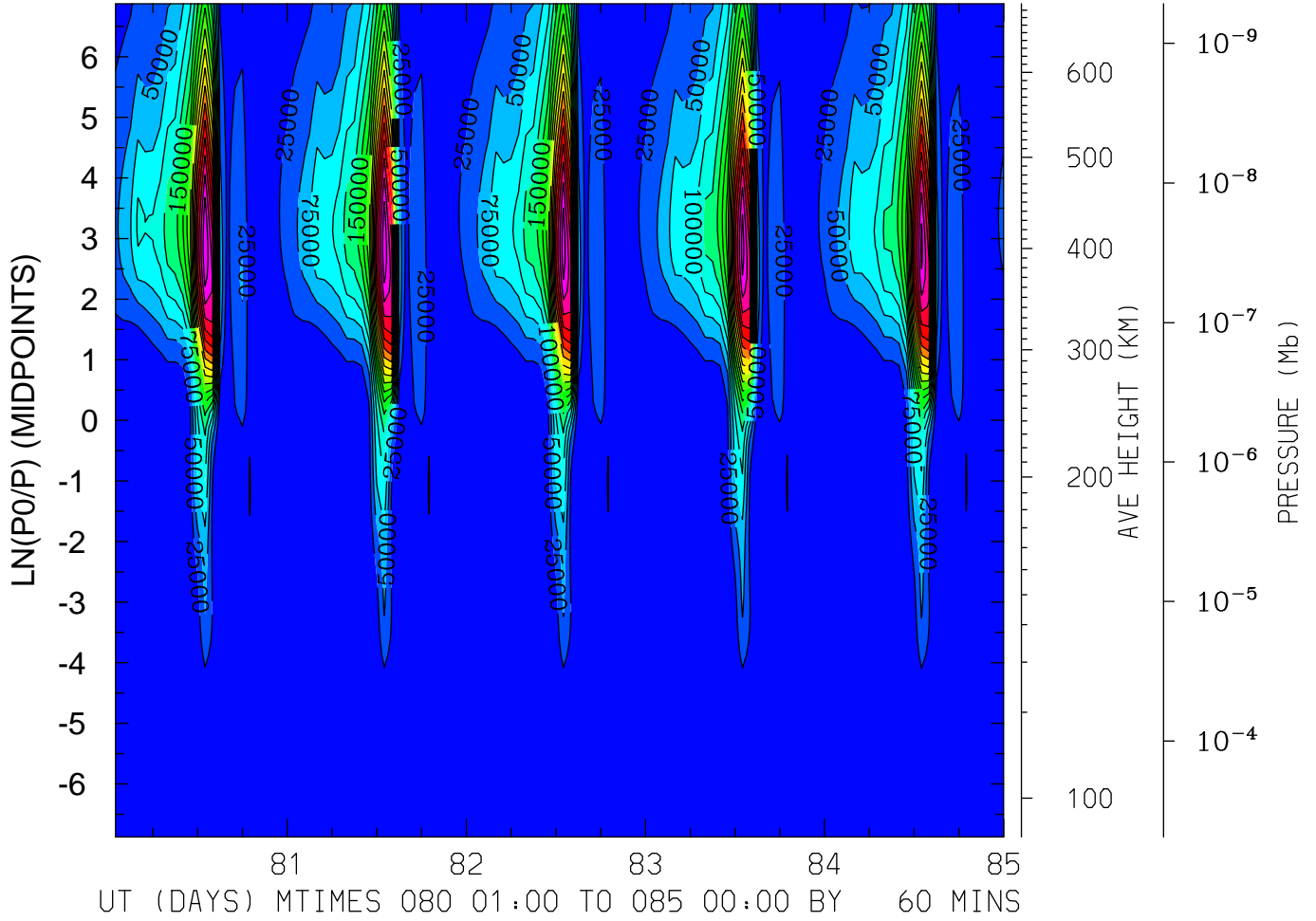
MIN,MAX= 6.3244E-17 1.0669E-09 INTERVAL= 5.0000E-11  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

DEN: Total Density (g/cm<sup>3</sup>)  
LAT= 58.75 (ZONAL MEANS)



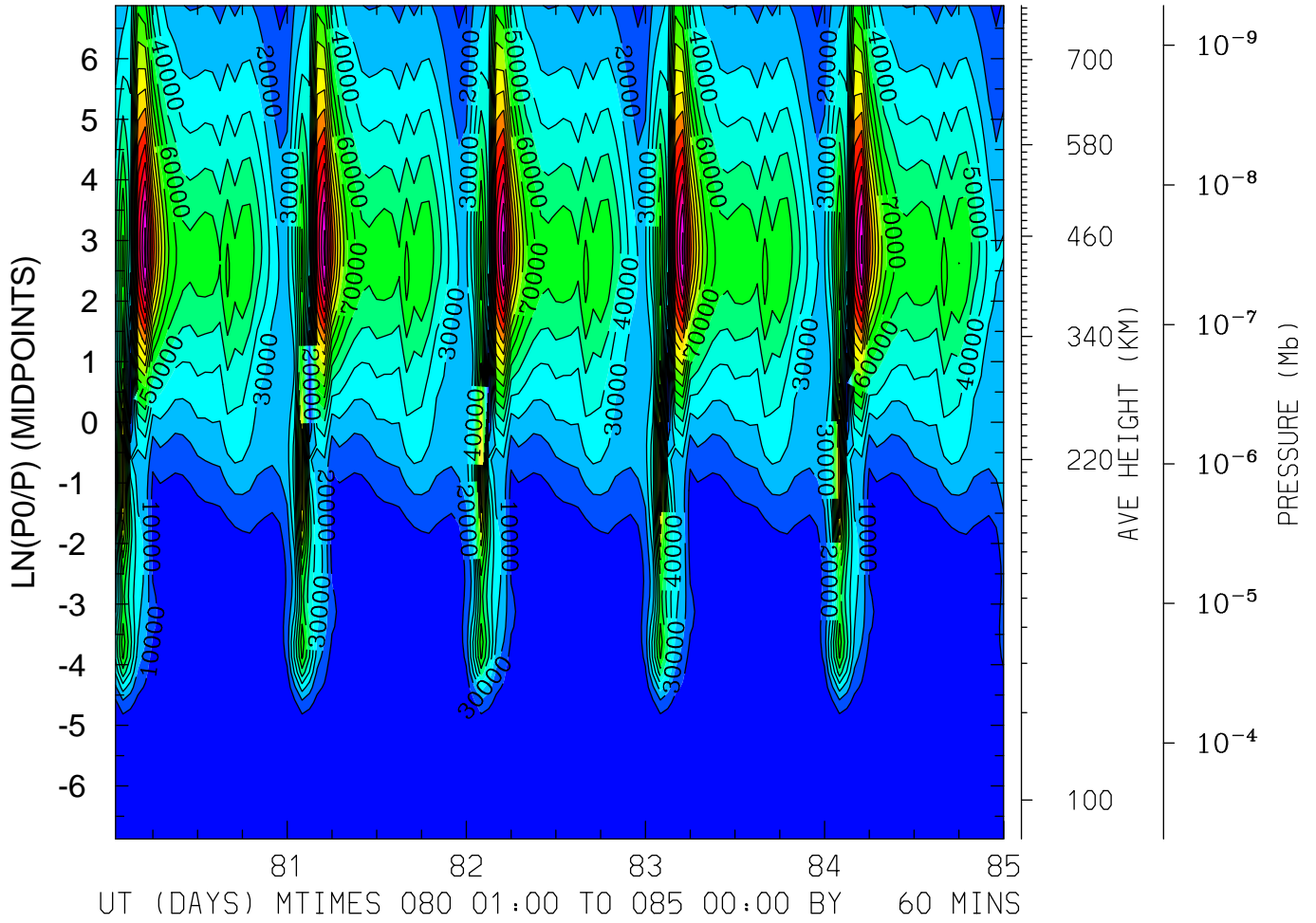
MIN,MAX= 6.8777E-17 1.0504E-09 INTERVAL= 5.0000E-11  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
LAT=-61.25 LOCAL TIME= 0.00



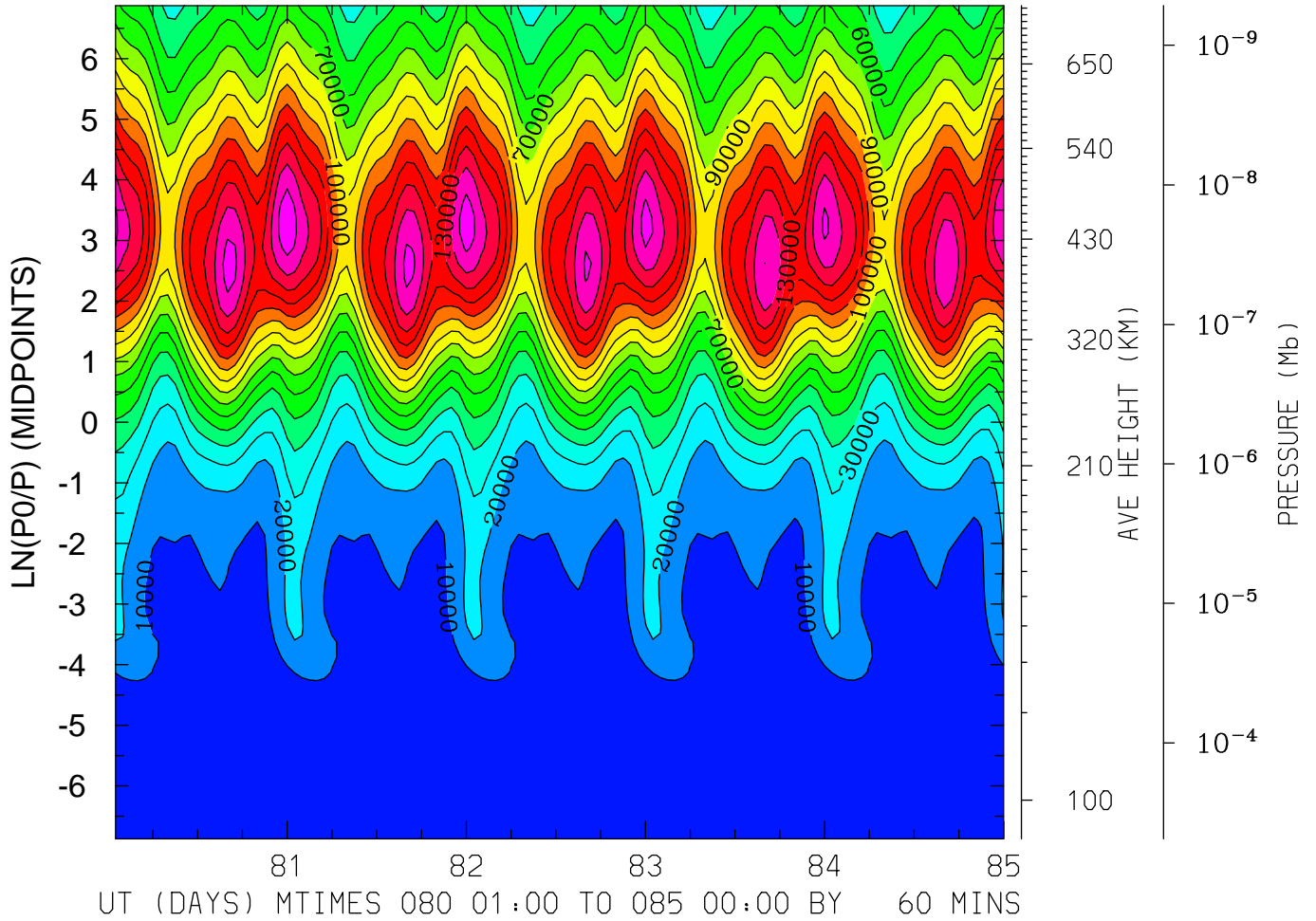
MIN,MAX= 7.6567E-03 4.7414E+05 INTERVAL= 2.5000E+04  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
LAT=-61.25 LOCAL TIME=12.00



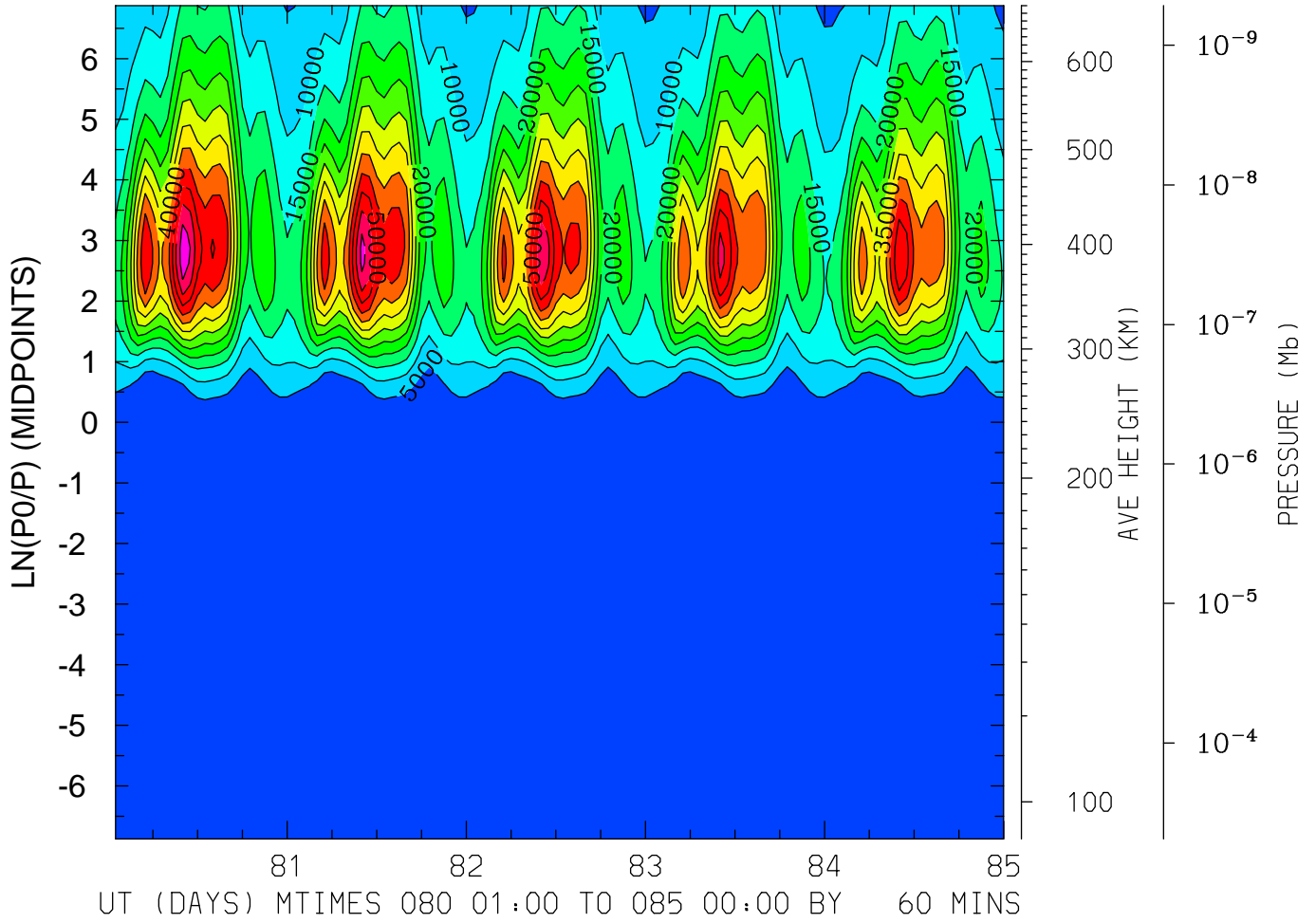
MIN,MAX= 6.3302E-02 1.8339E+05 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
LAT=-61.25 (ZONAL MEANS)



MIN,MAX= 8.0561E-01 1.5620E+05 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

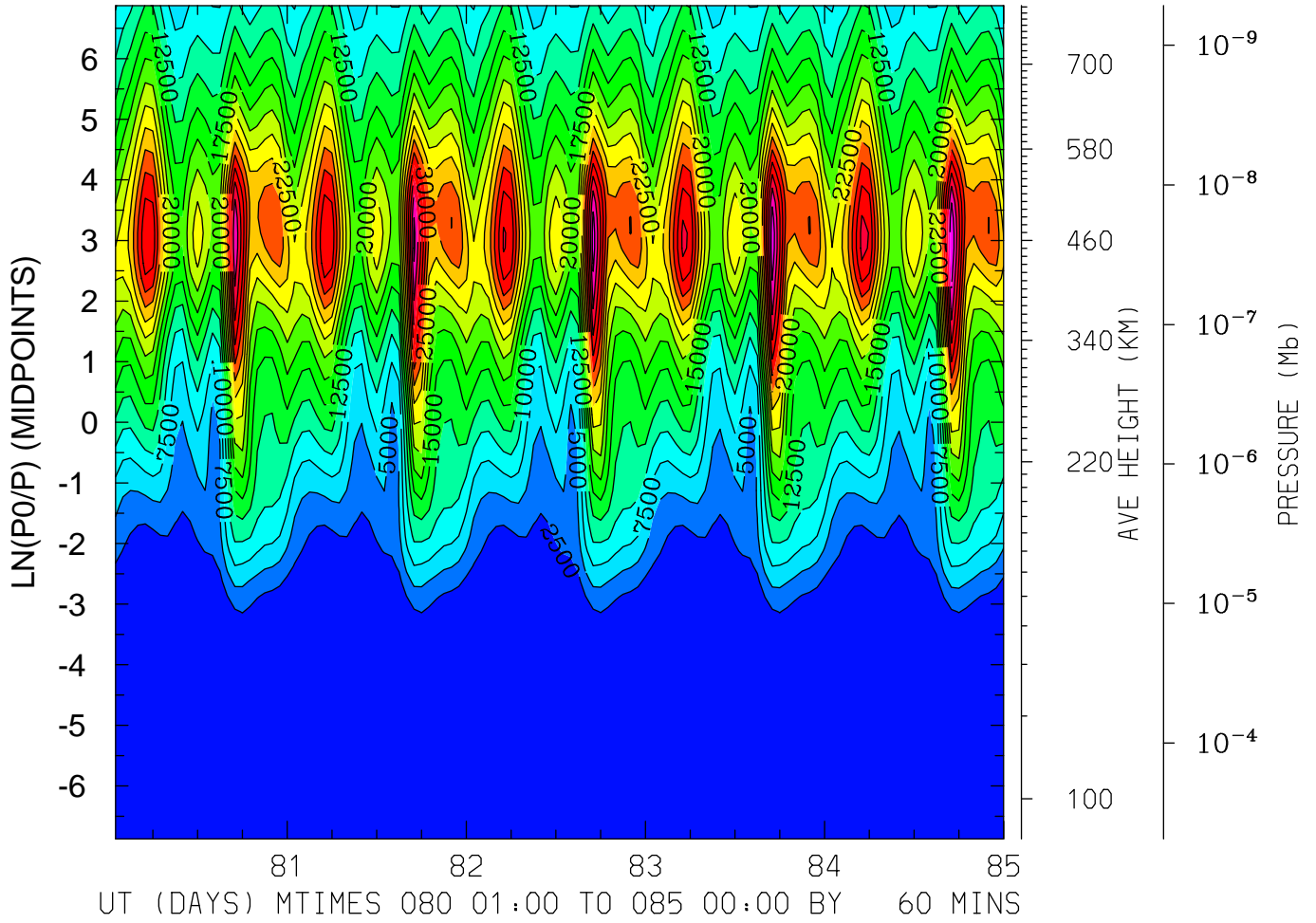
QJOULE: QJOULE: Joule Heating (erg/g/s)  
LAT=-41.25 LOCAL TIME= 0.00



MIN,MAX= 1.5953E-03 6.3319E+04 INTERVAL= 5.0000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

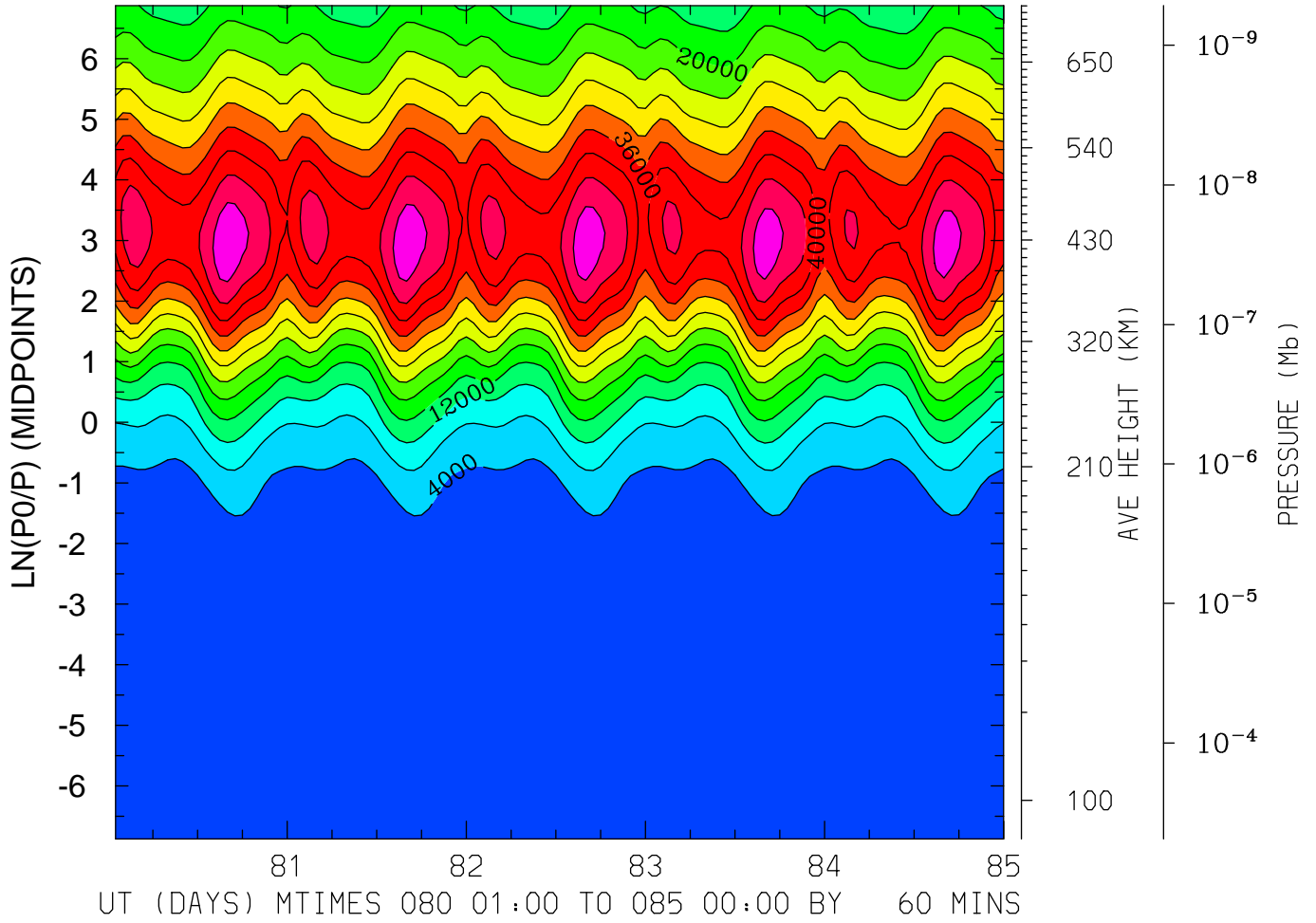


QJoule: QJoule: Joule Heating (erg/g/s)  
LAT=-41.25 LOCAL TIME=12.00



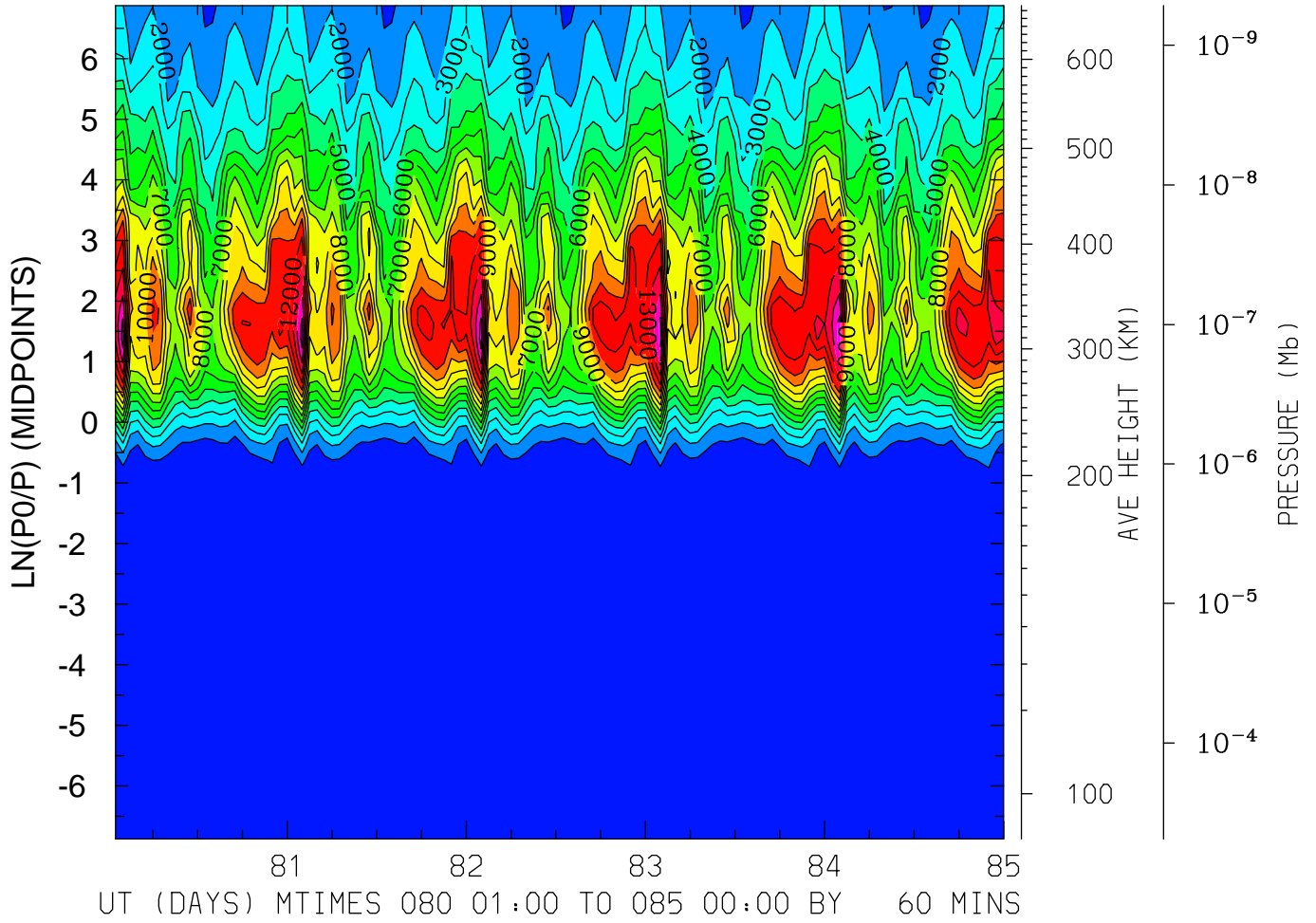
MIN,MAX= 3.6937E-01 4.2265E+04 INTERVAL= 2.5000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
LAT=-41.25 (ZONAL MEANS)



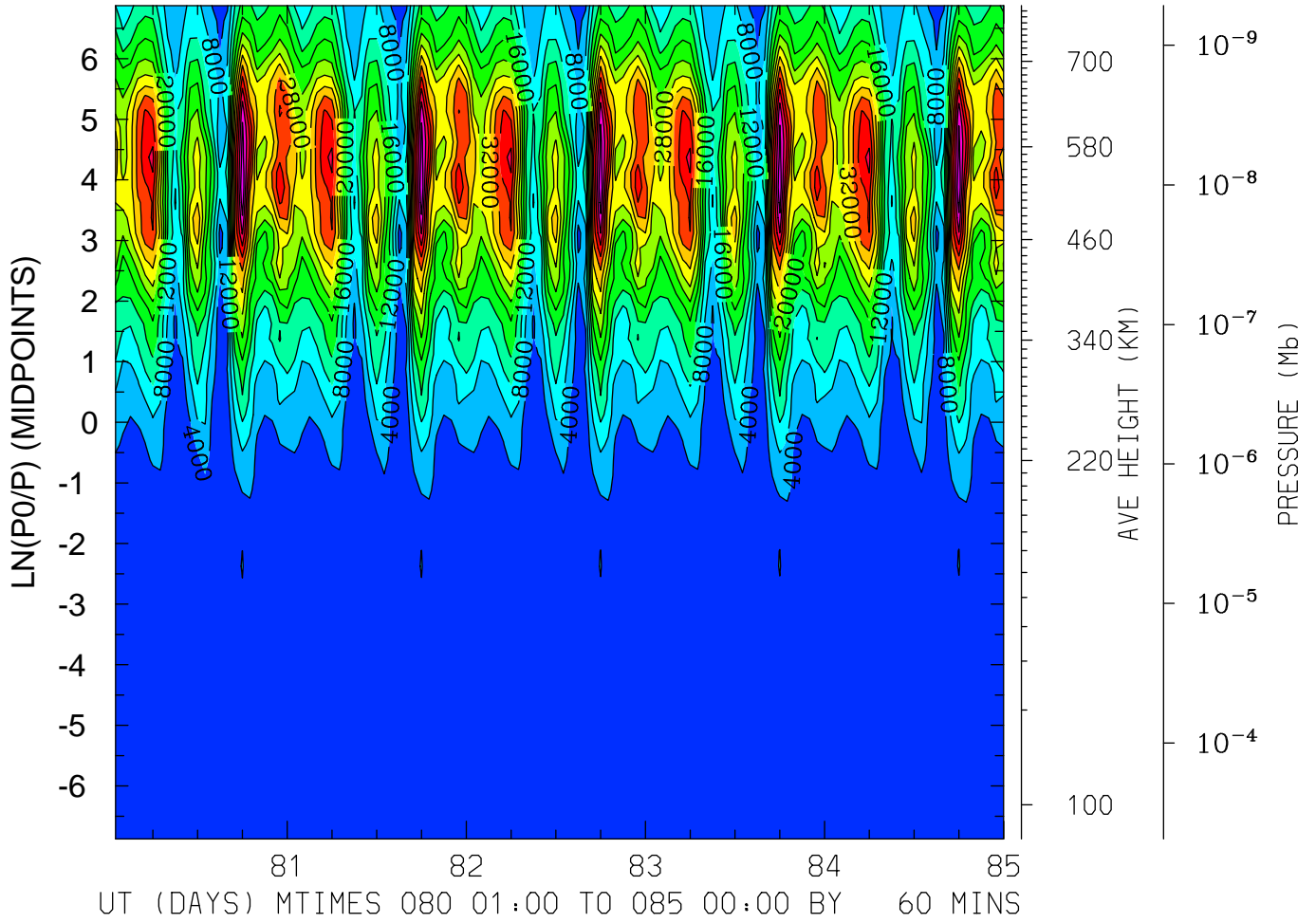
MIN,MAX= 1.3602E-01 5.0863E+04 INTERVAL= 4.0000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
LAT= -1.25 LOCAL TIME= 0.00



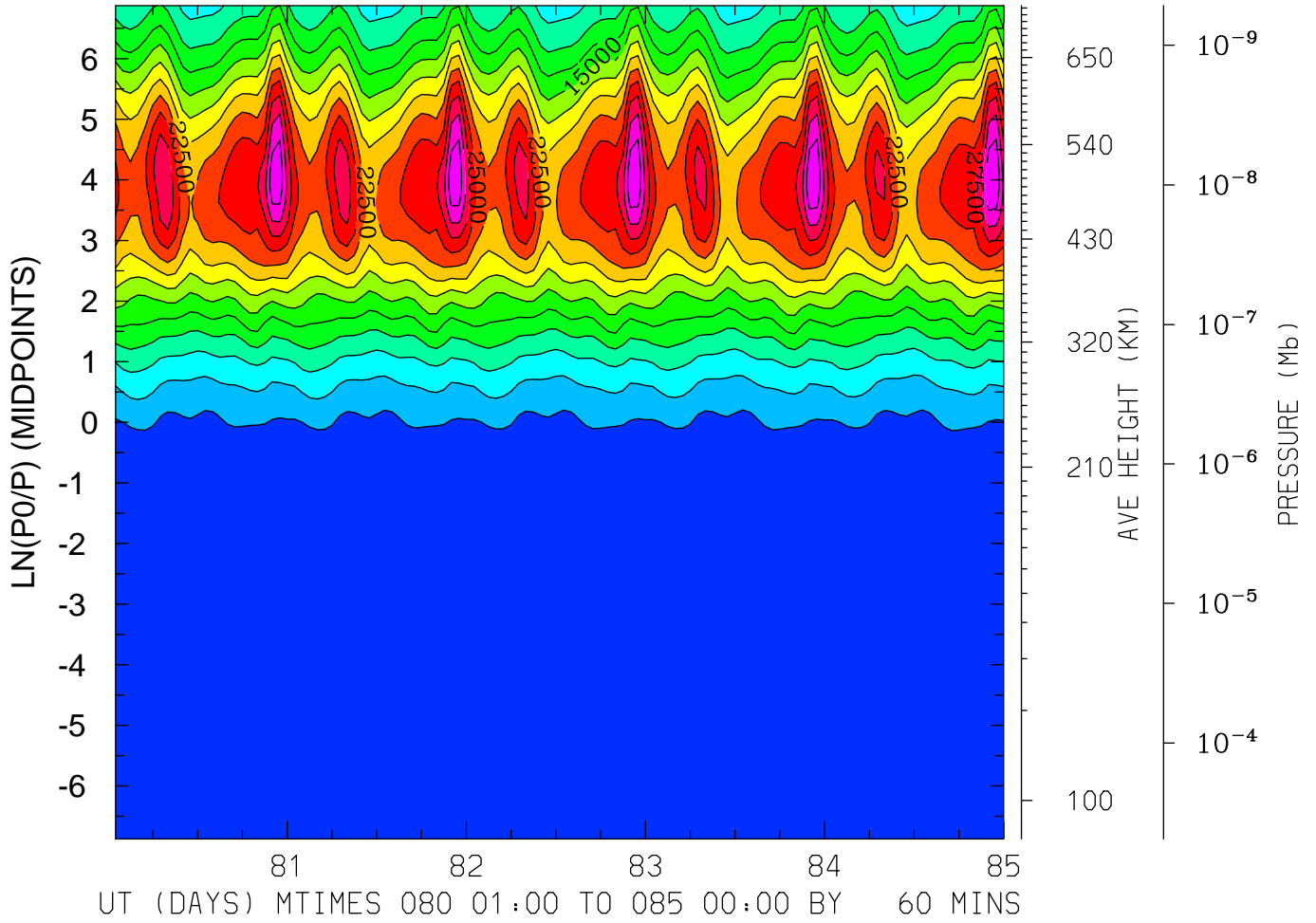
MIN,MAX= 5.9855E-03 1.5597E+04 INTERVAL= 1.0000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
LAT= -1.25 LOCAL TIME=12.00



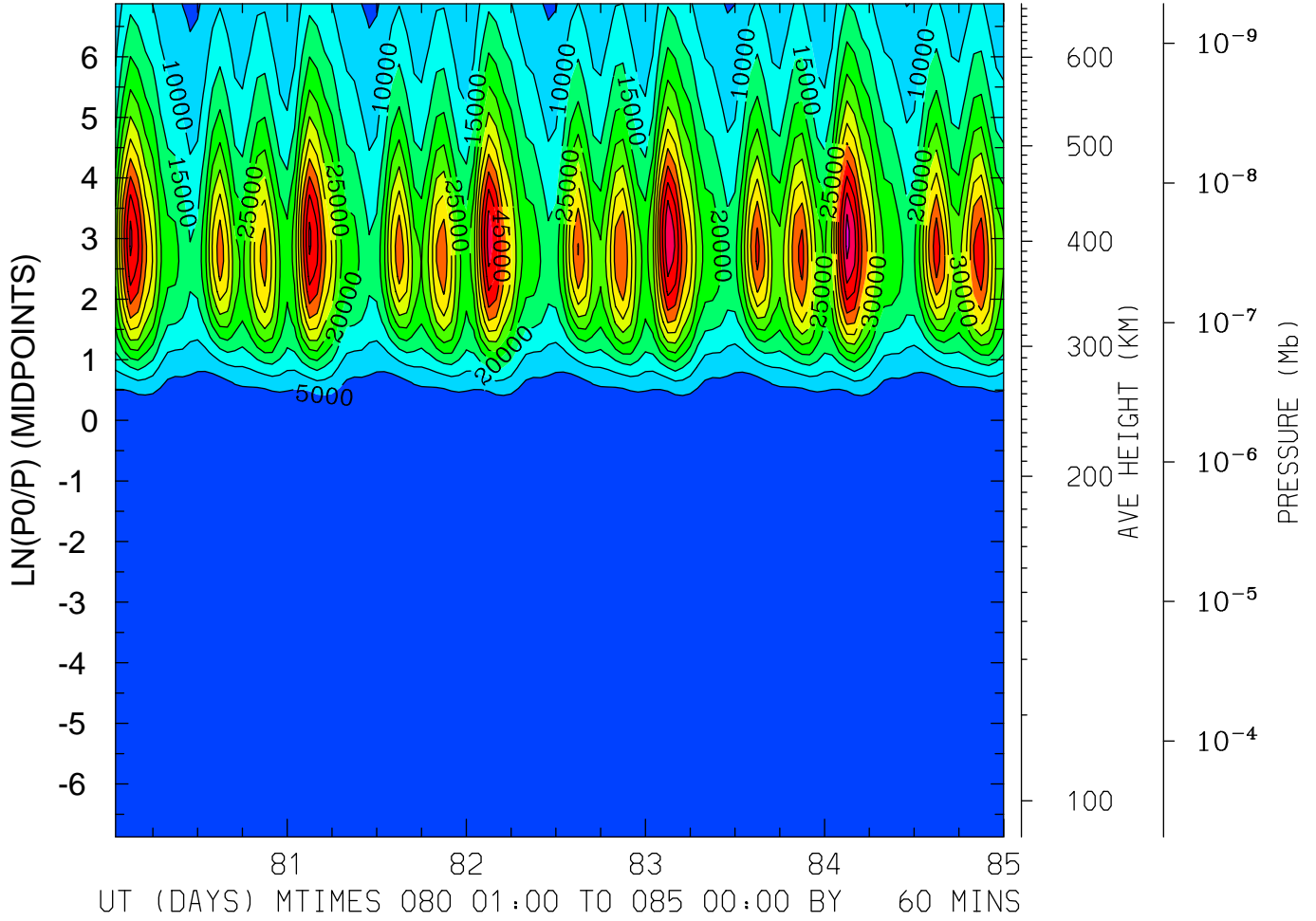
MIN,MAX= 6.1272E-01 5.6010E+04 INTERVAL= 4.0000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
LAT= -1.25 (ZONAL MEANS)



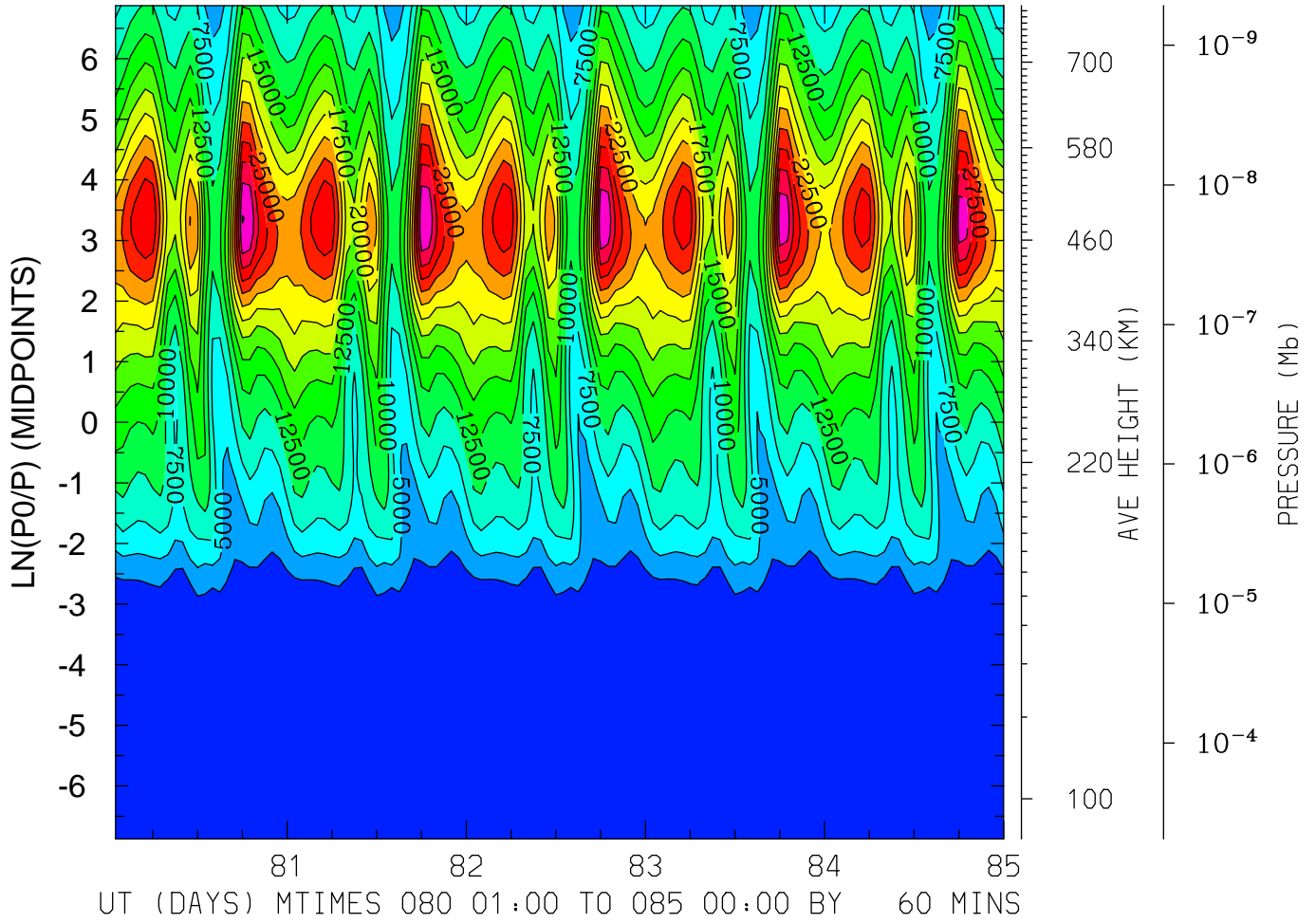
MIN,MAX= 5.9377E-01 3.4727E+04 INTERVAL= 2.5000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
LAT= 38.75 LOCAL TIME= 0.00



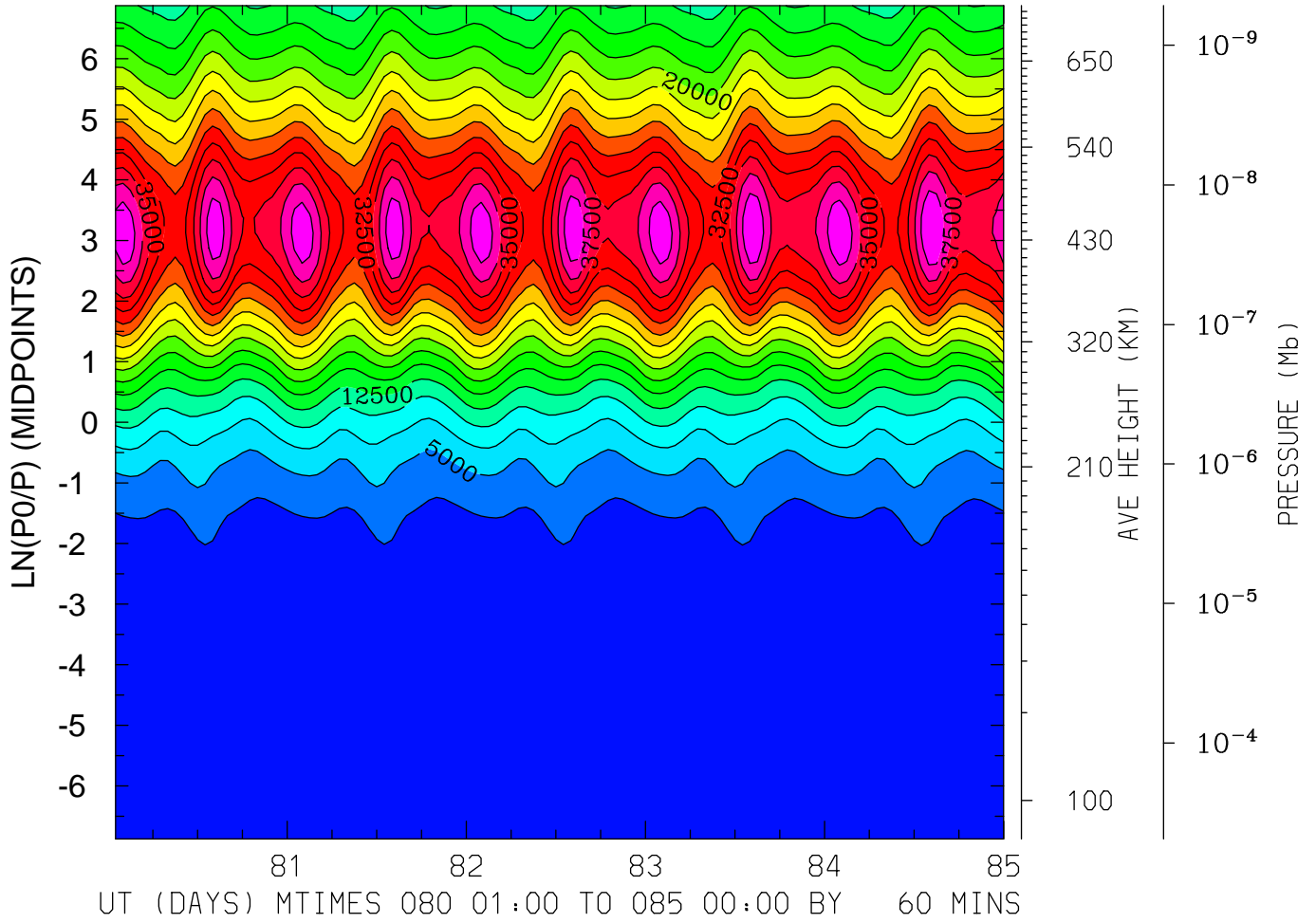
MIN,MAX= 5.1144E-03 6.1735E+04 INTERVAL= 5.0000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
LAT= 38.75 LOCAL TIME=12.00



MIN,MAX= 3.6318E-01 3.5097E+04 INTERVAL= 2.5000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

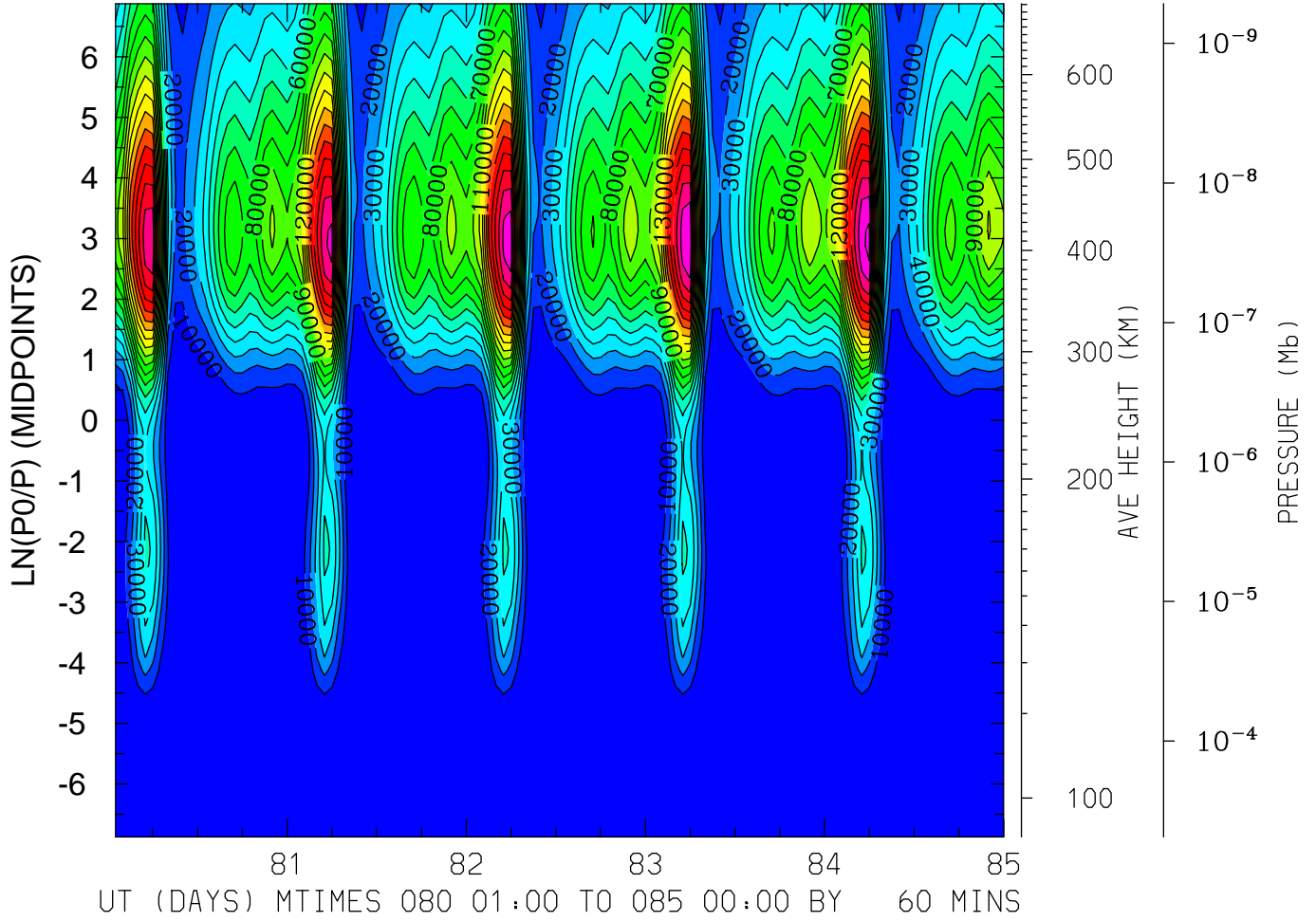
QJOULE: QJOULE: Joule Heating (erg/g/s)  
LAT= 38.75 (ZONAL MEANS)



MIN,MAX= 2.4867E-01 4.2324E+04 INTERVAL= 2.5000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

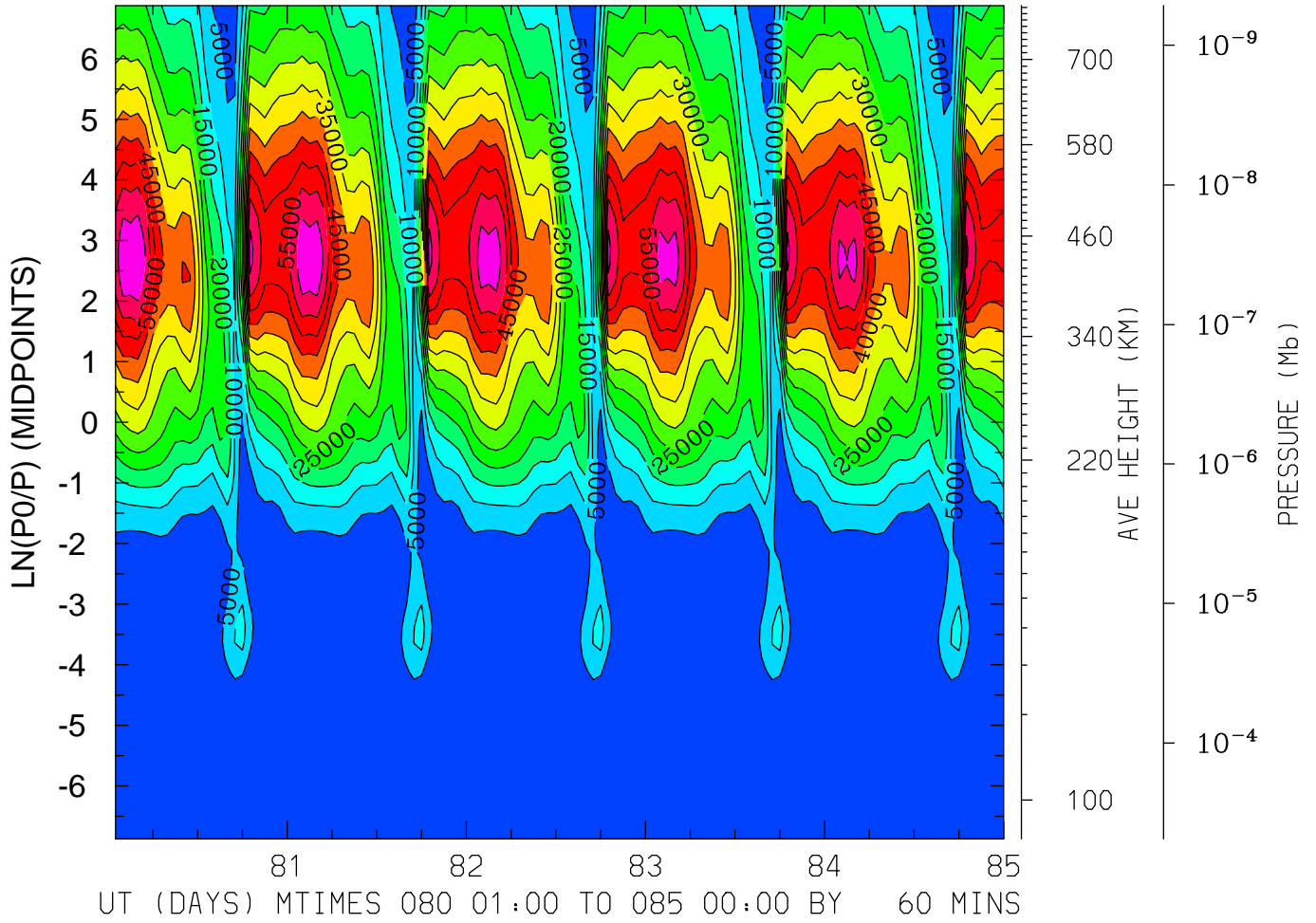


QJOULE: QJOULE: Joule Heating (erg/g/s)  
LAT= 58.75 LOCAL TIME= 0.00



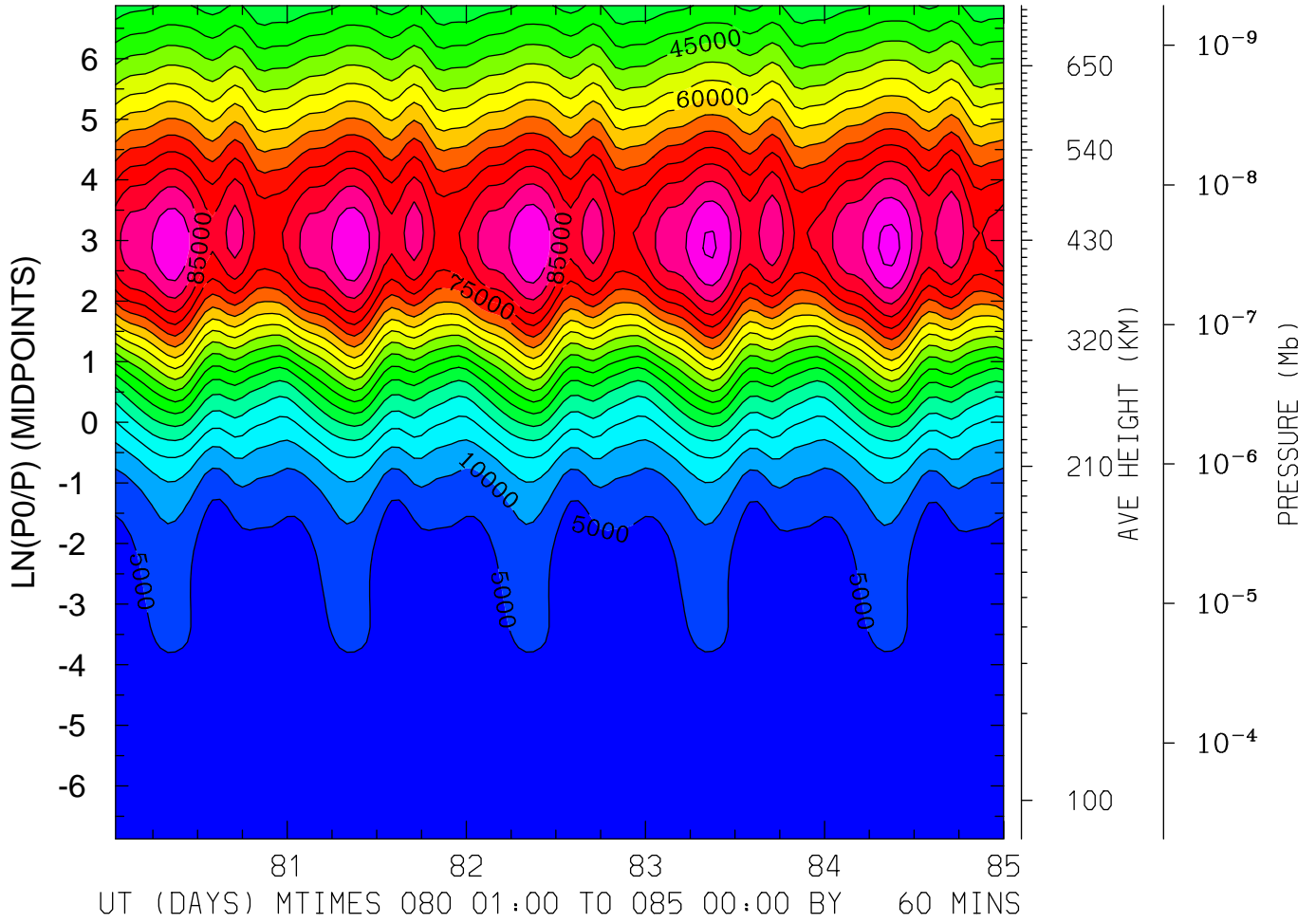
MIN,MAX= 3.1819E-03 2.0260E+05 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

QJoule: QJoule: Joule Heating (erg/g/s)  
LAT= 58.75 LOCAL TIME=12.00



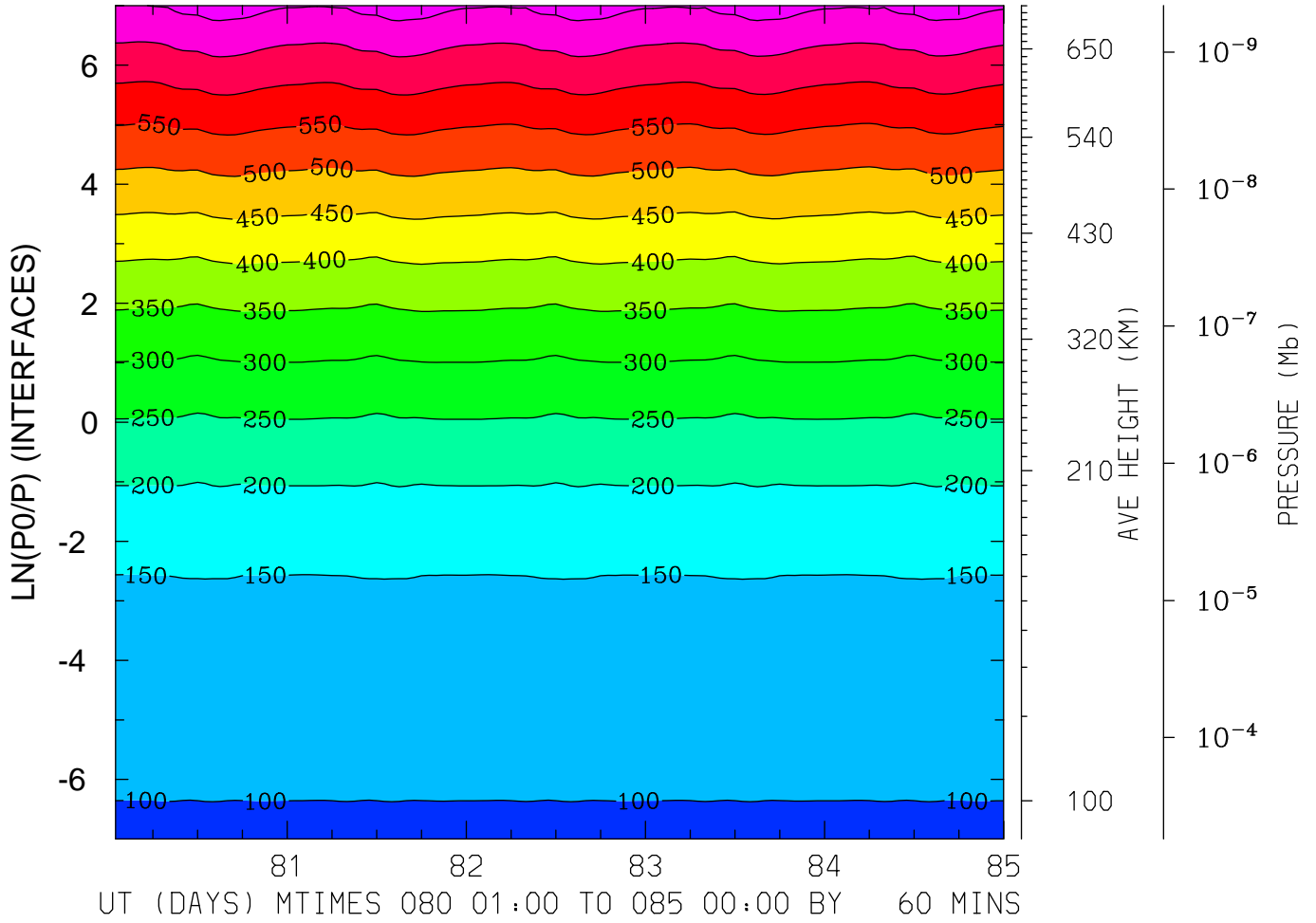
MIN,MAX= 2.2008E-01 6.4322E+04 INTERVAL= 5.0000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
LAT= 58.75 (ZONAL MEANS)



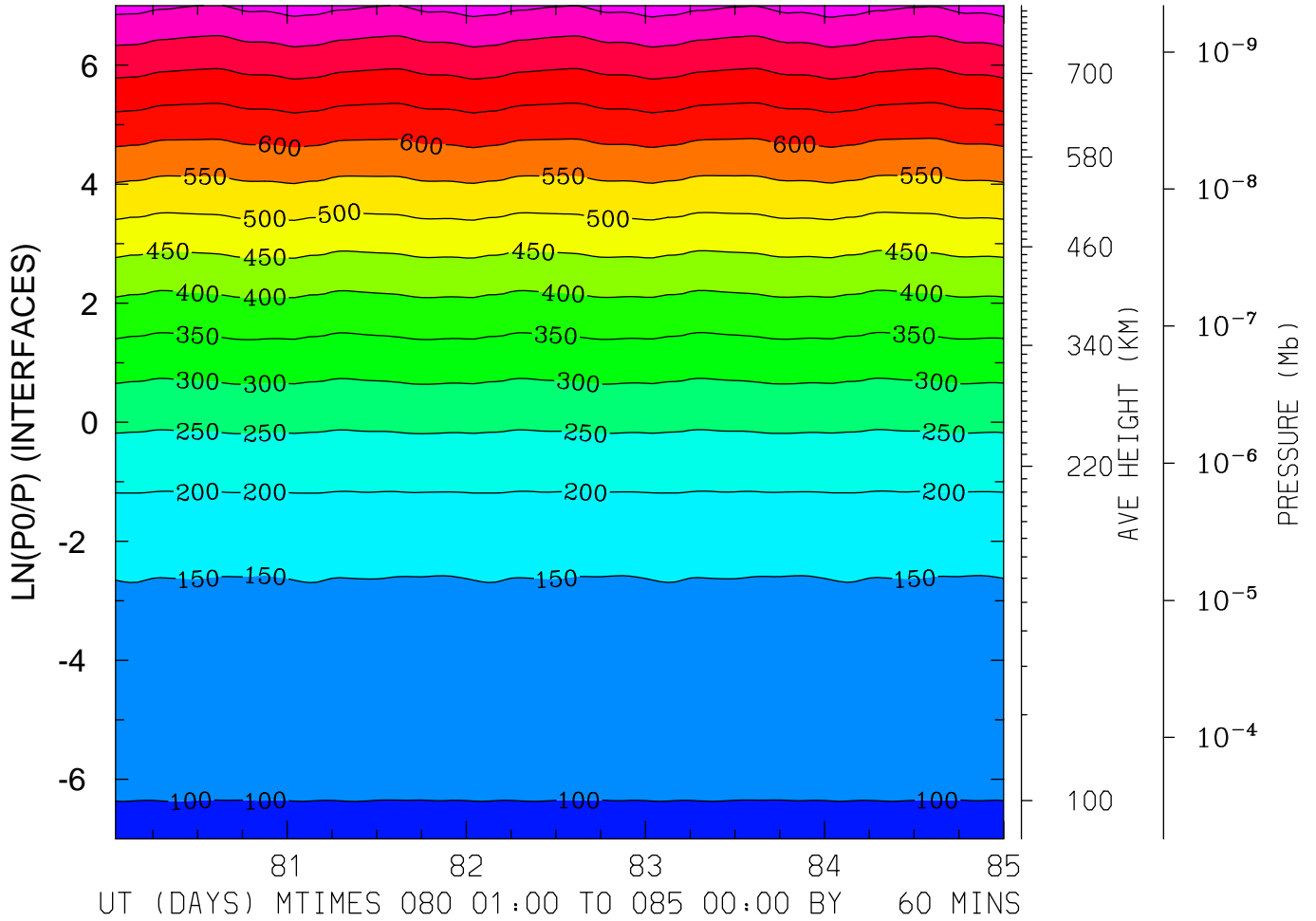
MIN,MAX= 2.8443E-01 9.6540E+04 INTERVAL= 5.0000E+03  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
LAT=-61.25 LOCAL TIME= 0.00



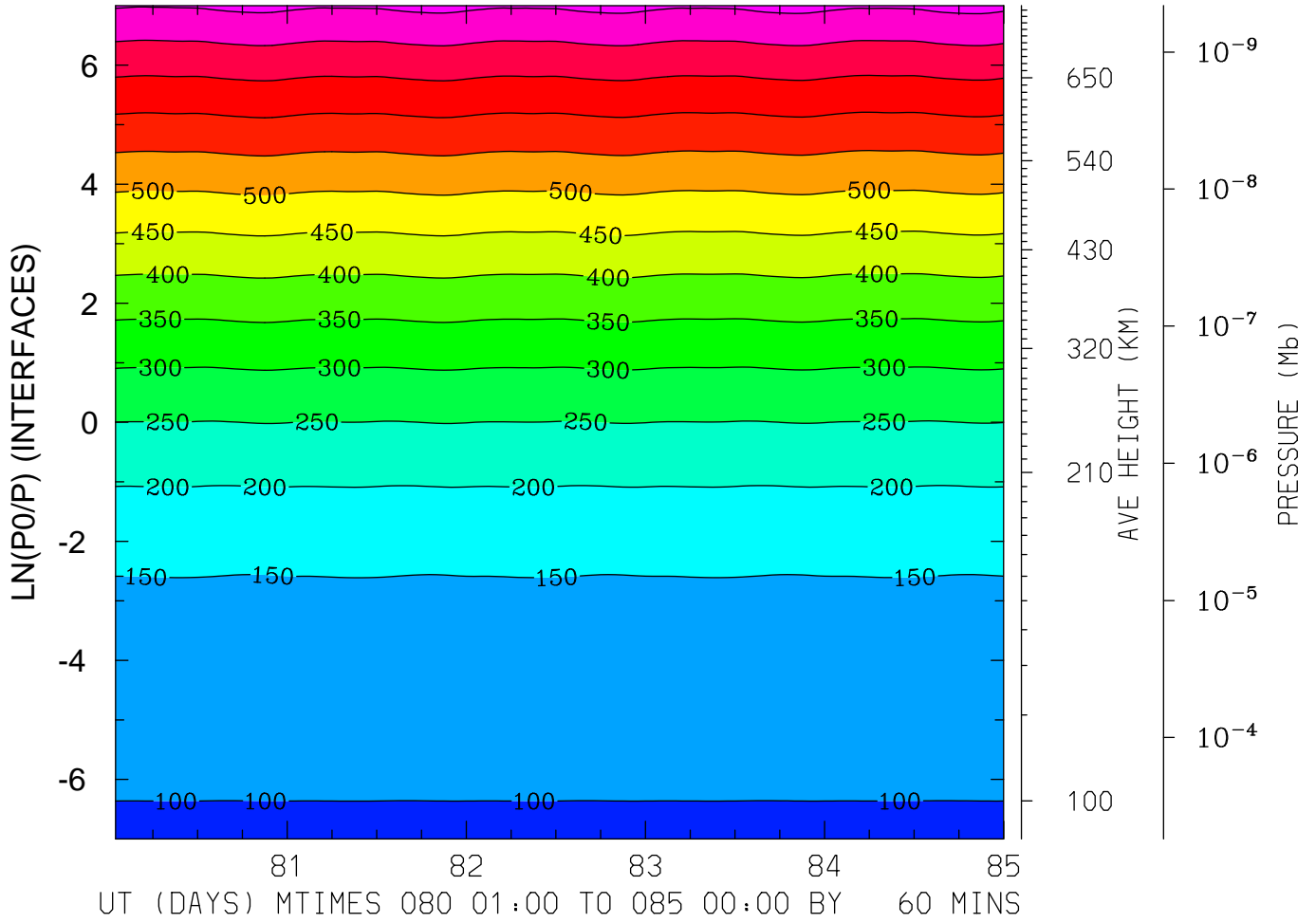
MIN,MAX= 9.6298E+01 7.2220E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
LAT=-61.25 LOCAL TIME=12.00



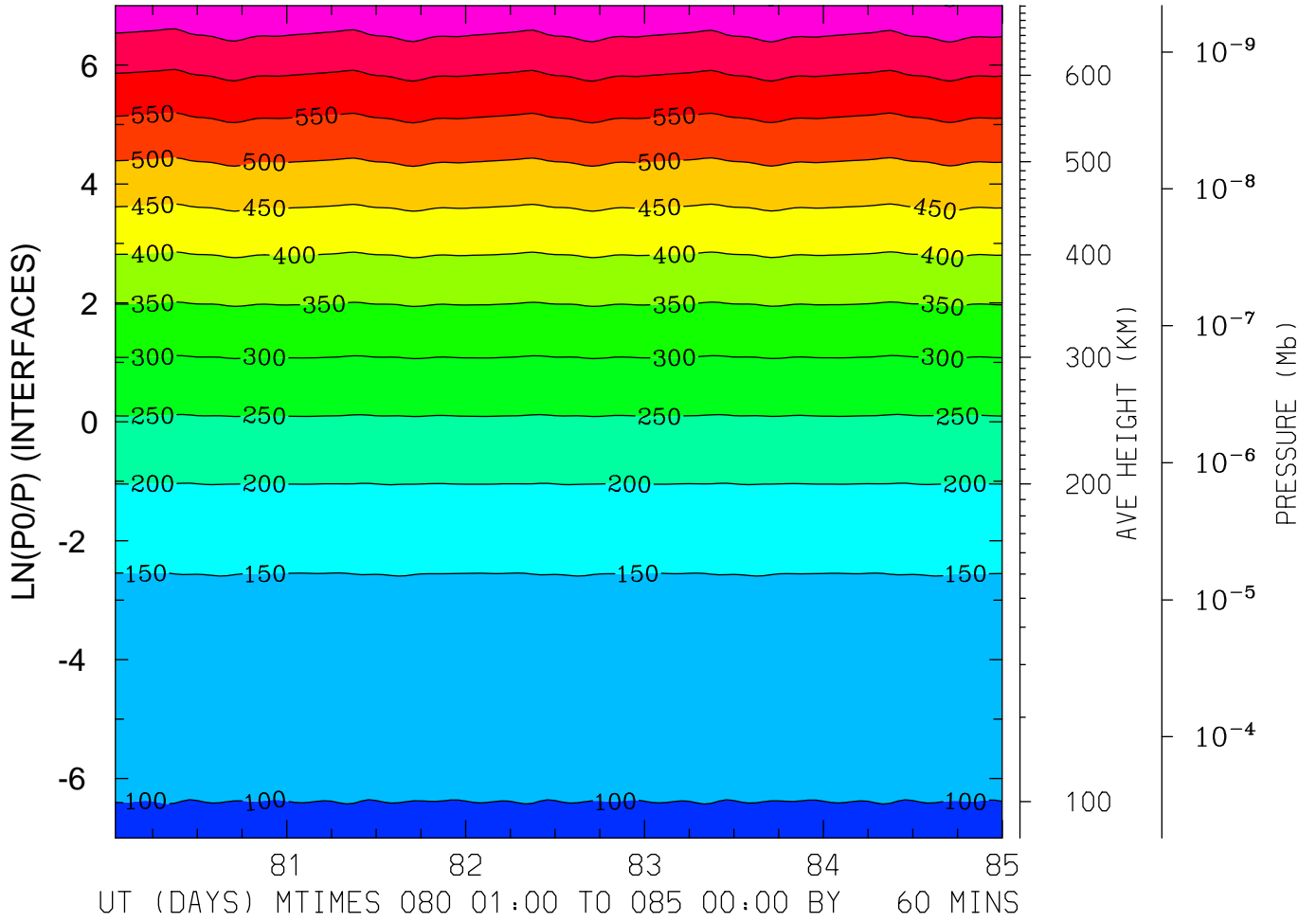
MIN,MAX= 9.6340E+01 8.2053E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
LAT=-61.25 (ZONAL MEANS)



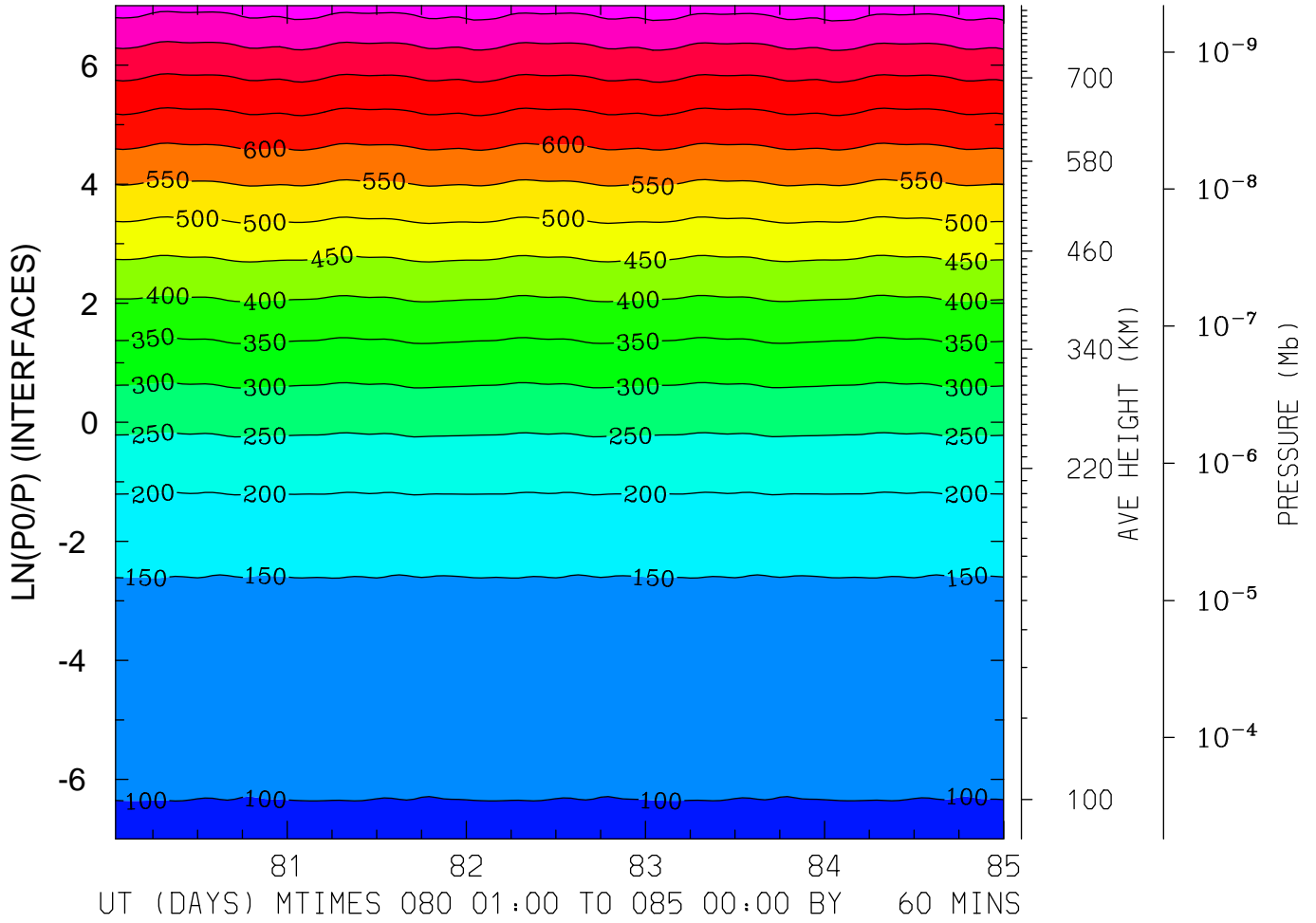
MIN,MAX= 9.6357E+01 7.6335E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
LAT=-41.25 LOCAL TIME= 0.00



MIN,MAX= 9.6240E+01 7.0125E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

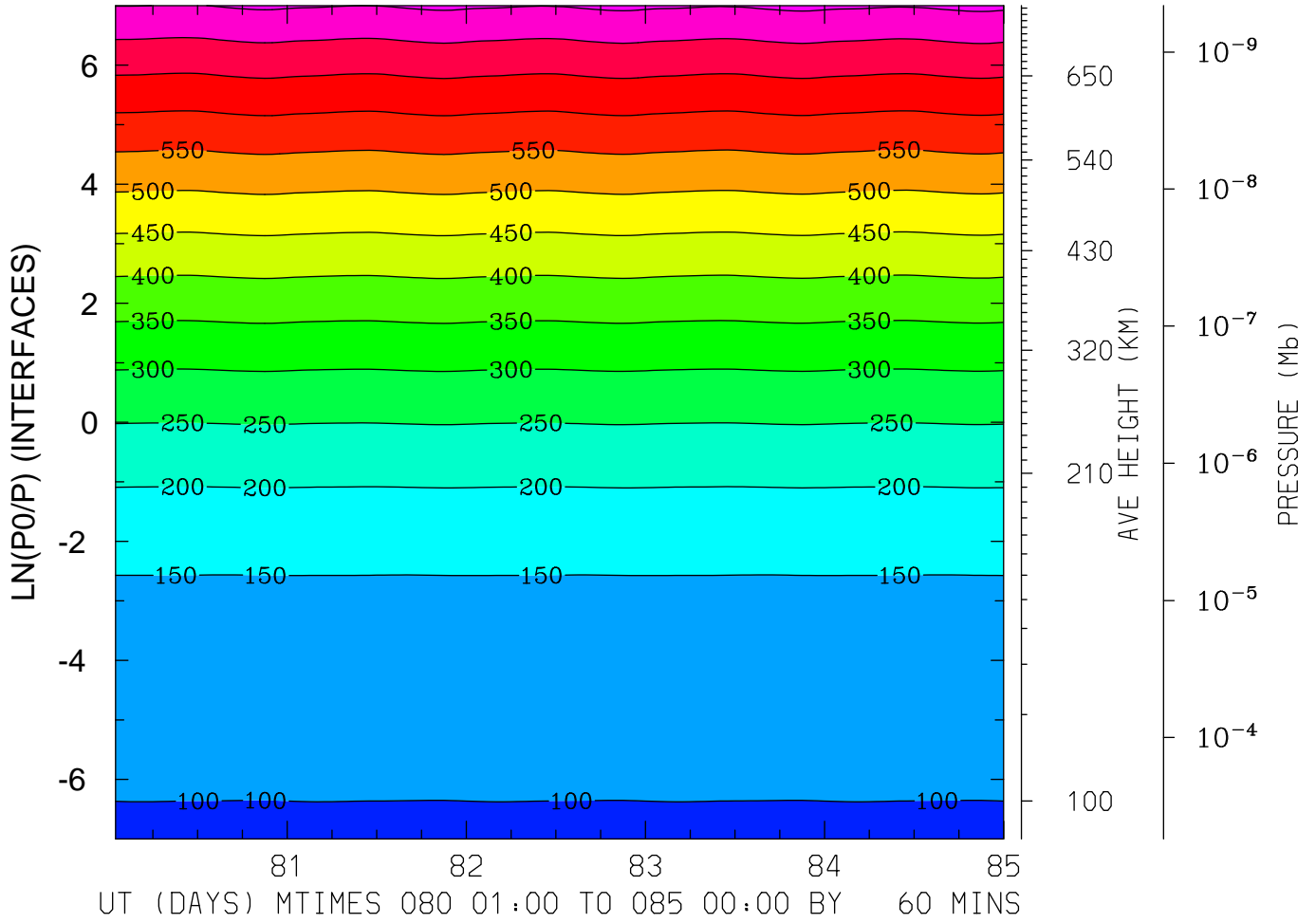
GEOPOTENTIAL HEIGHT (KM)  
LAT=-41.25 LOCAL TIME=12.00



MIN,MAX= 9.6117E+01 8.2770E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

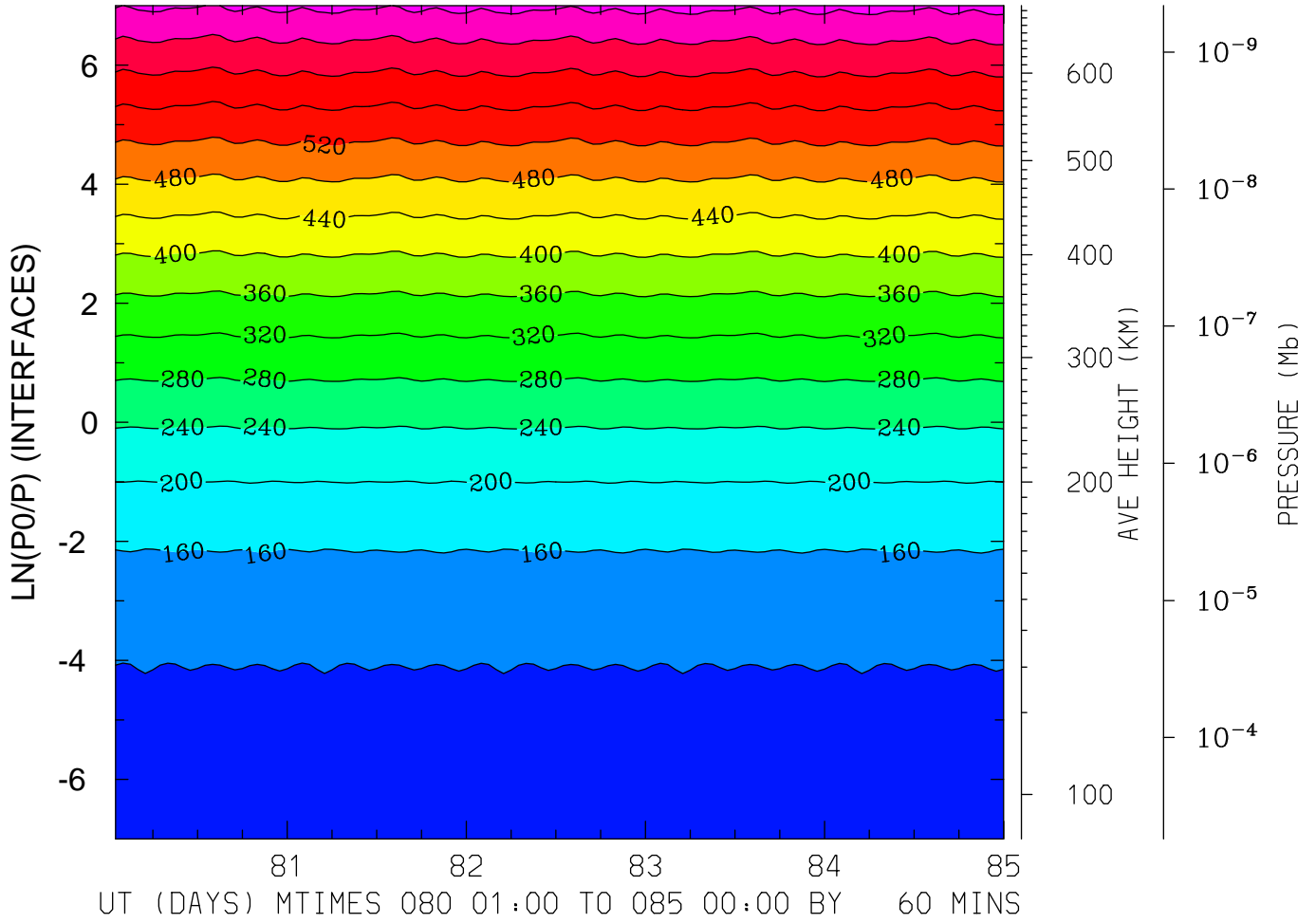


GEOPOTENTIAL HEIGHT (KM)  
LAT=-41.25 (ZONAL MEANS)



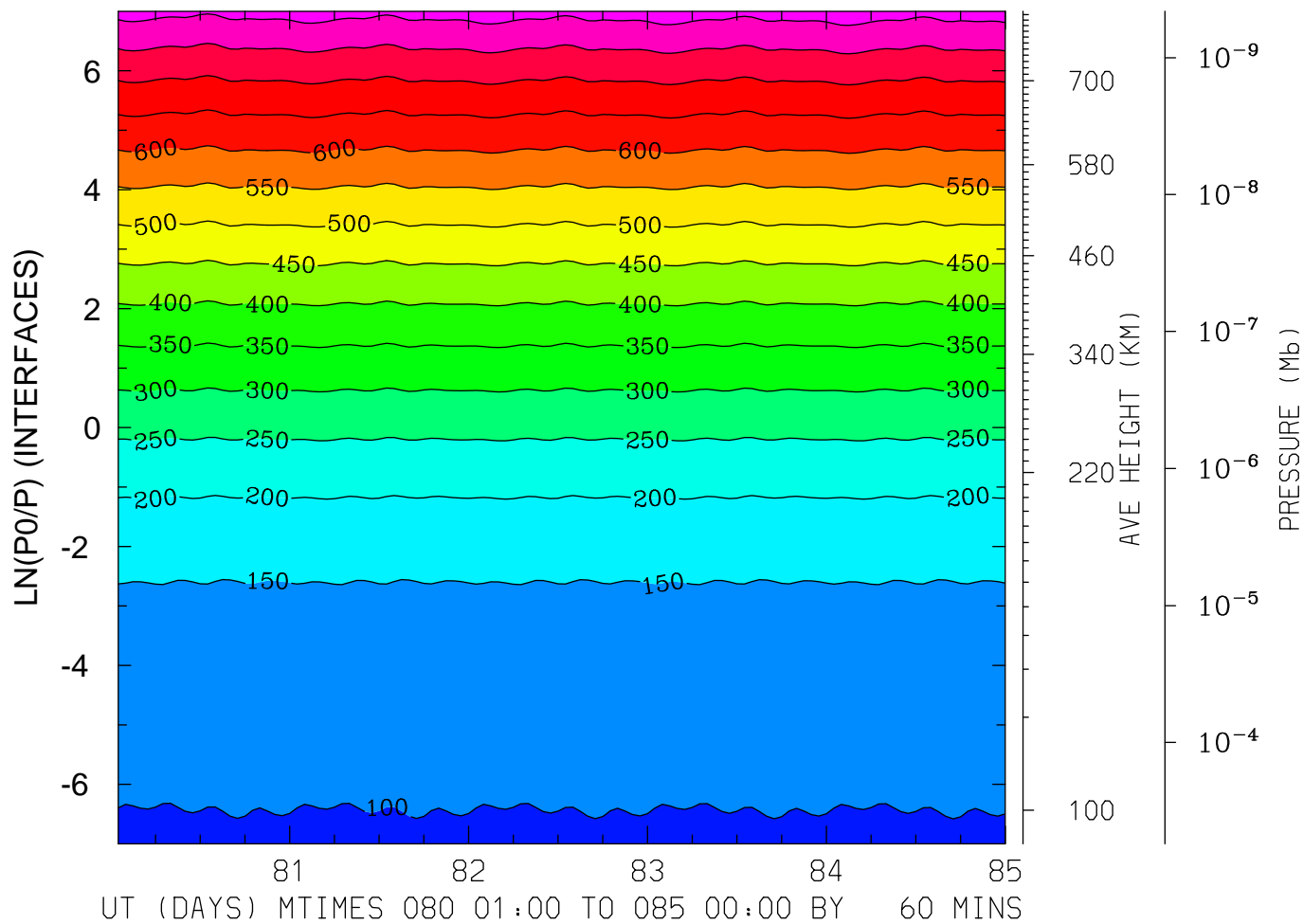
MIN,MAX= 9.6315E+01 7.5955E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
LAT= -1.25 LOCAL TIME= 0.00



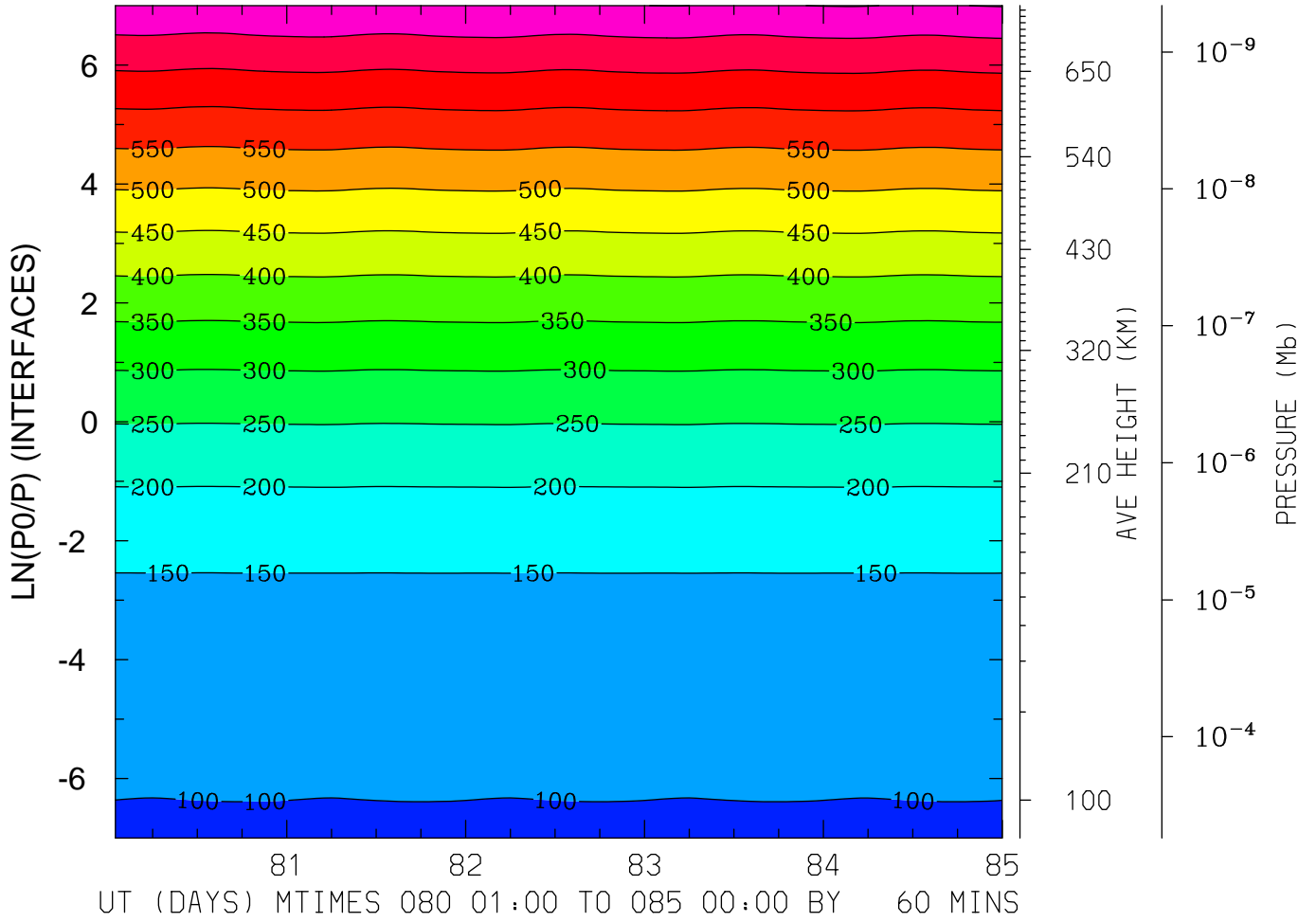
MIN,MAX= 9.5457E+01 6.9295E+02 INTERVAL= 4.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
LAT= -1.25 LOCAL TIME=12.00



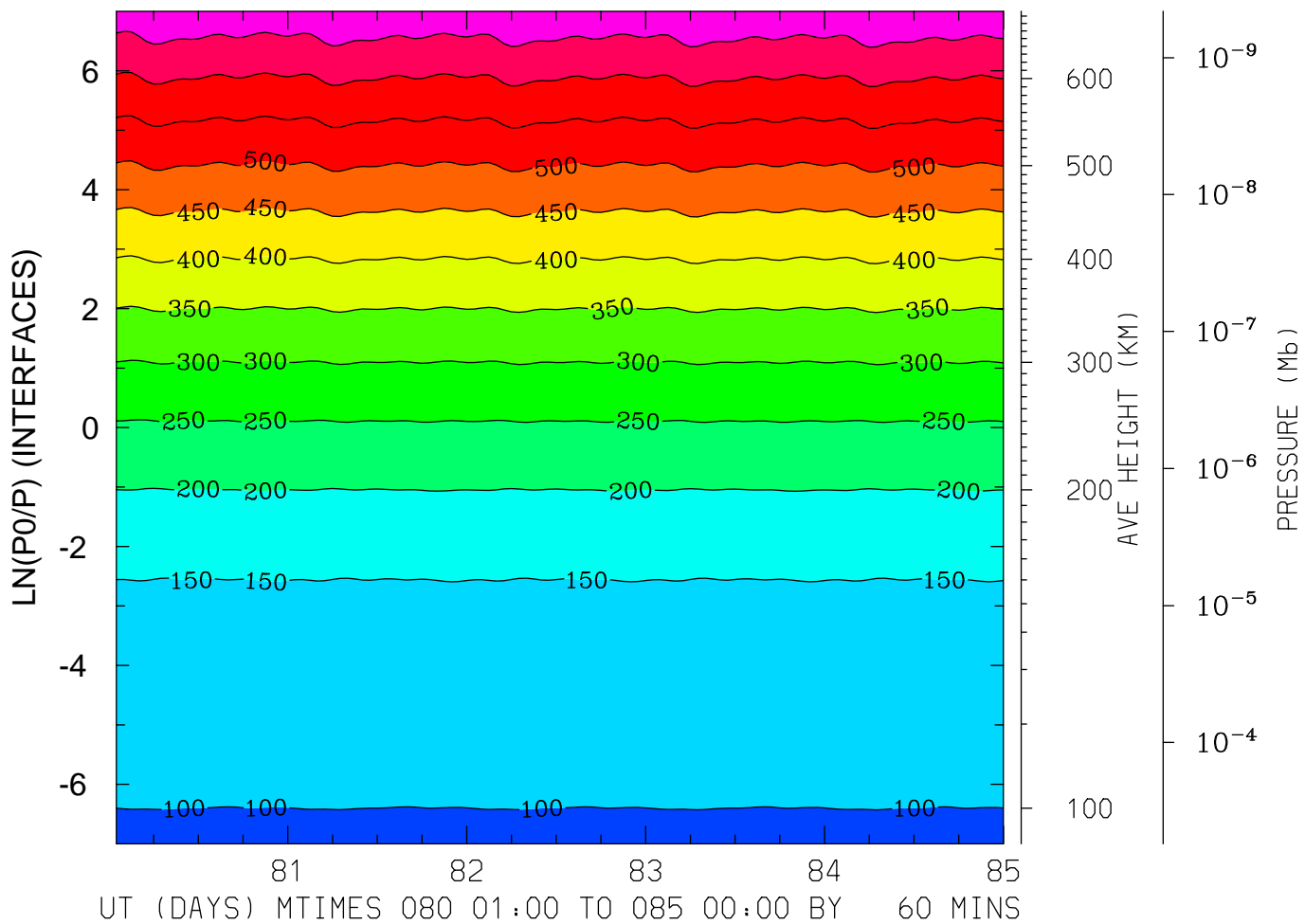
MIN,MAX= 9.6111E+01 8.2696E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
LAT= -1.25 (ZONAL MEANS)



MIN,MAX= 9.6210E+01 7.5180E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
LAT= 38.75 LOCAL TIME= 0.00

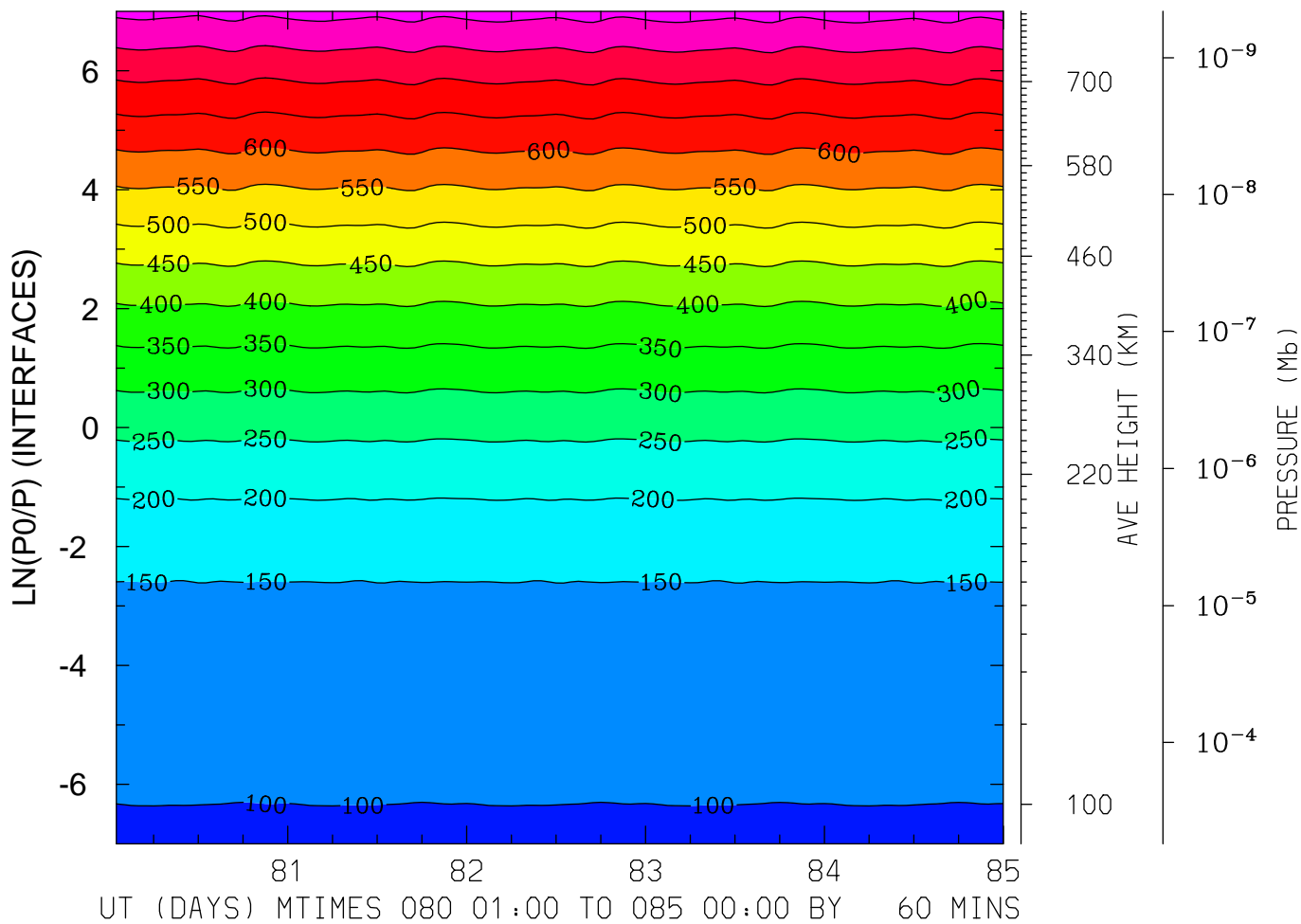


MIN,MAX= 9.6252E+01 6.9964E+02 INTERVAL= 5.0000E+01

FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc

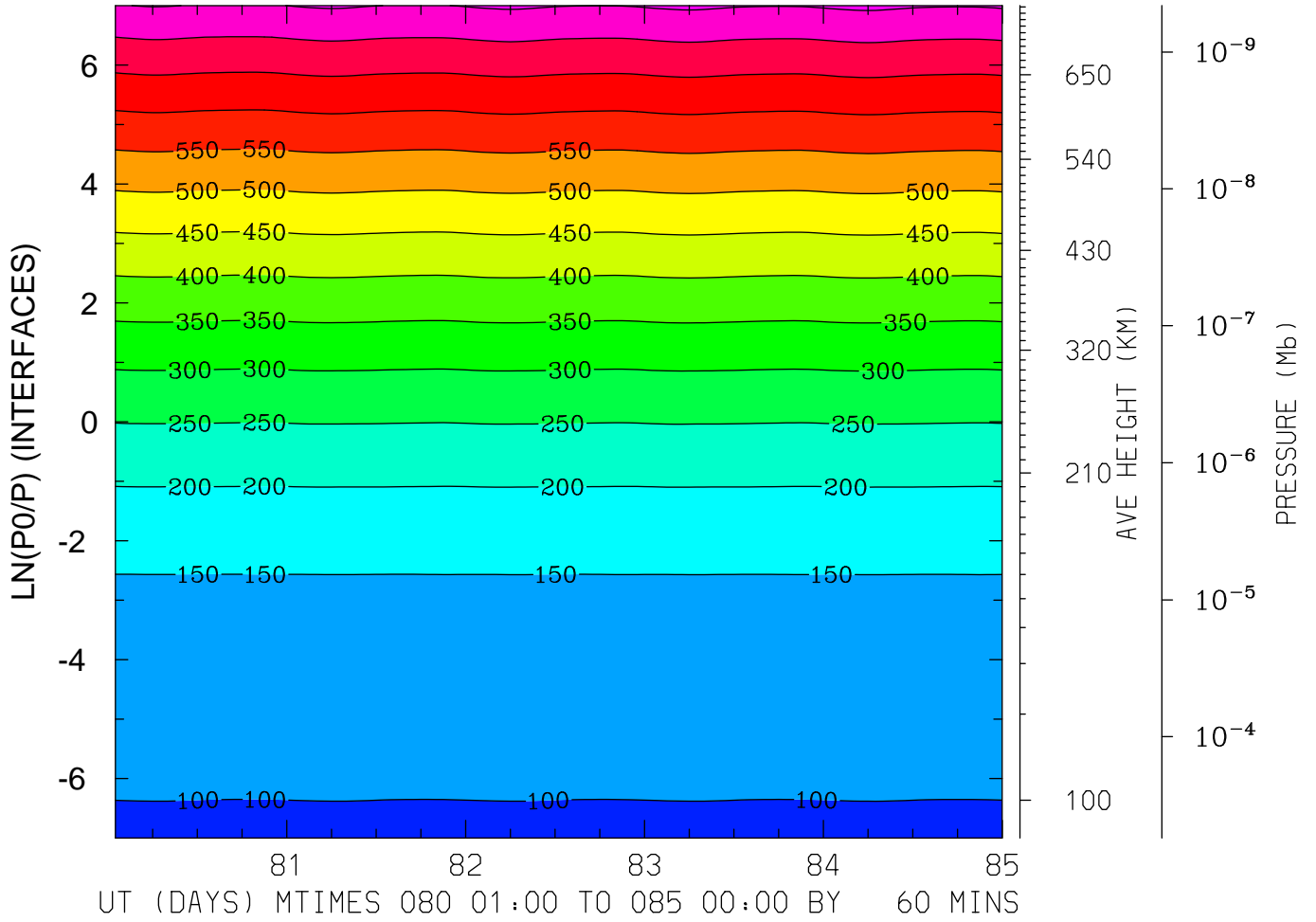
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
LAT= 38.75 LOCAL TIME=12.00



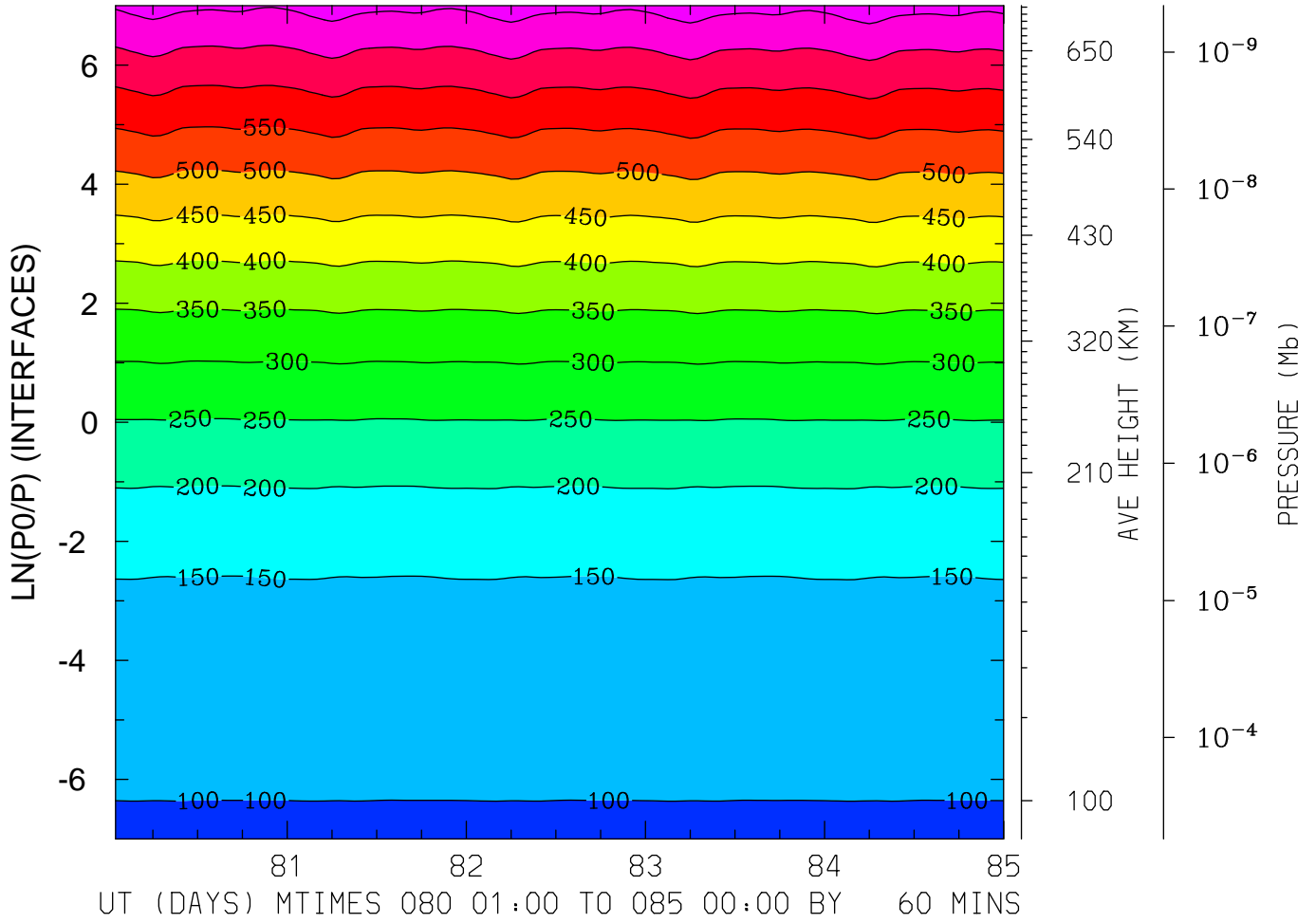
MIN,MAX= 9.6127E+01 8.2061E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
LAT= 38.75 (ZONAL MEANS)



MIN,MAX= 9.6306E+01 7.5795E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

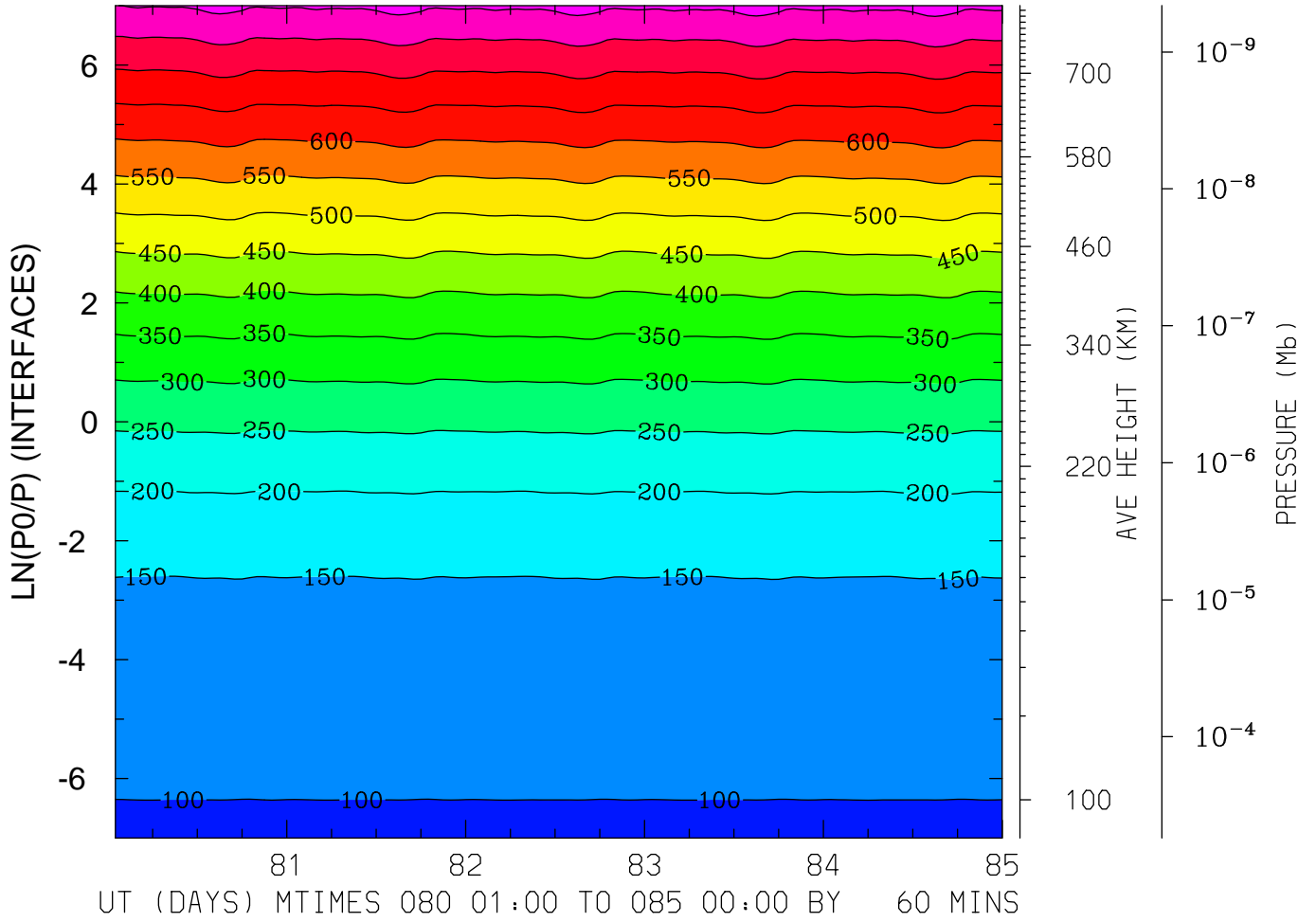
GEOPOTENTIAL HEIGHT (KM)  
LAT= 58.75 LOCAL TIME= 0.00



MIN,MAX= 9.6293E+01 7.2583E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

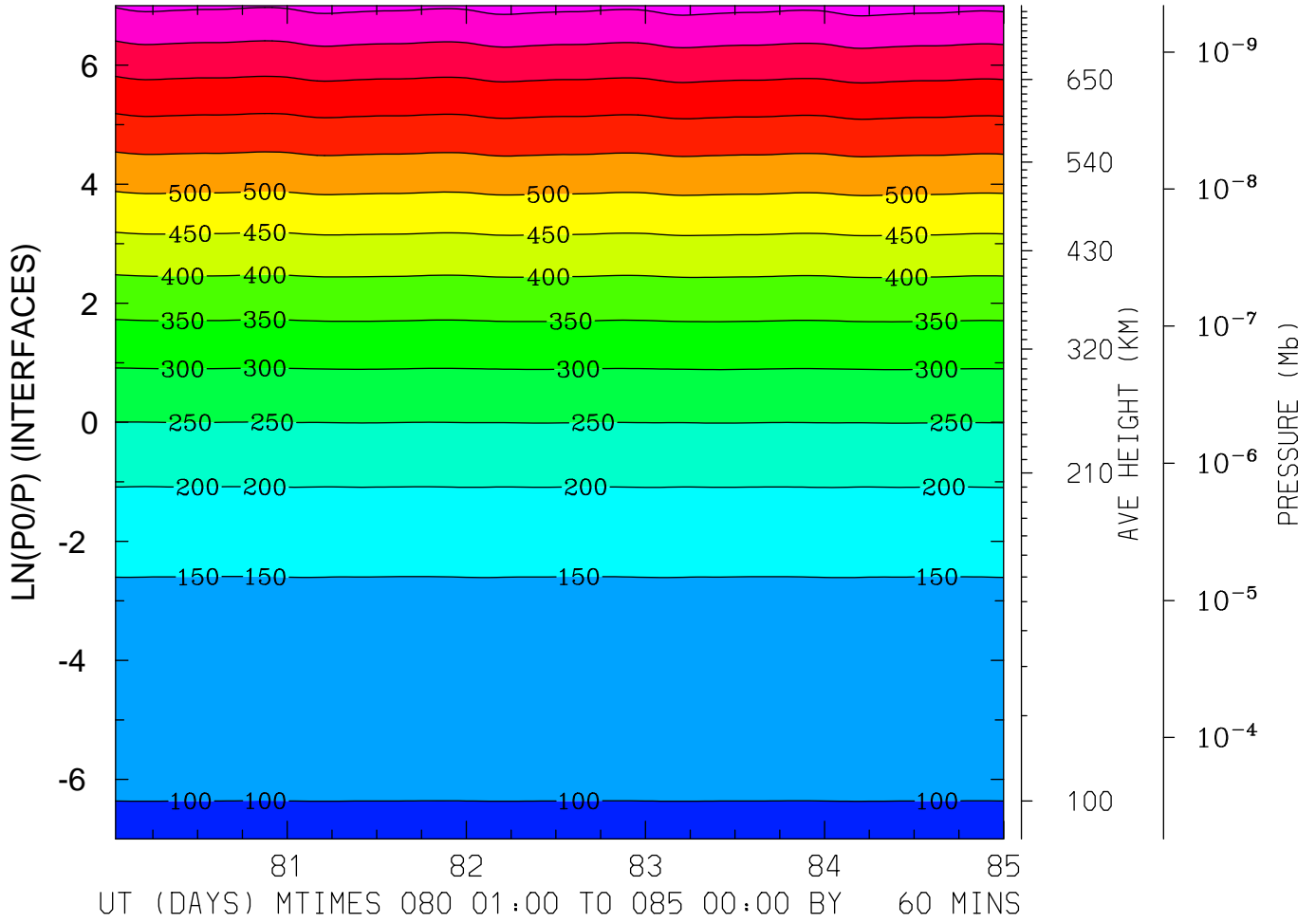


GEOPOTENTIAL HEIGHT (KM)  
LAT= 58.75 LOCAL TIME=12.00



MIN,MAX= 9.6334E+01 8.1844E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
LAT= 58.75 (ZONAL MEANS)



MIN,MAX= 9.6355E+01 7.6657E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_mareqx\_smax\_sech\_005.nc