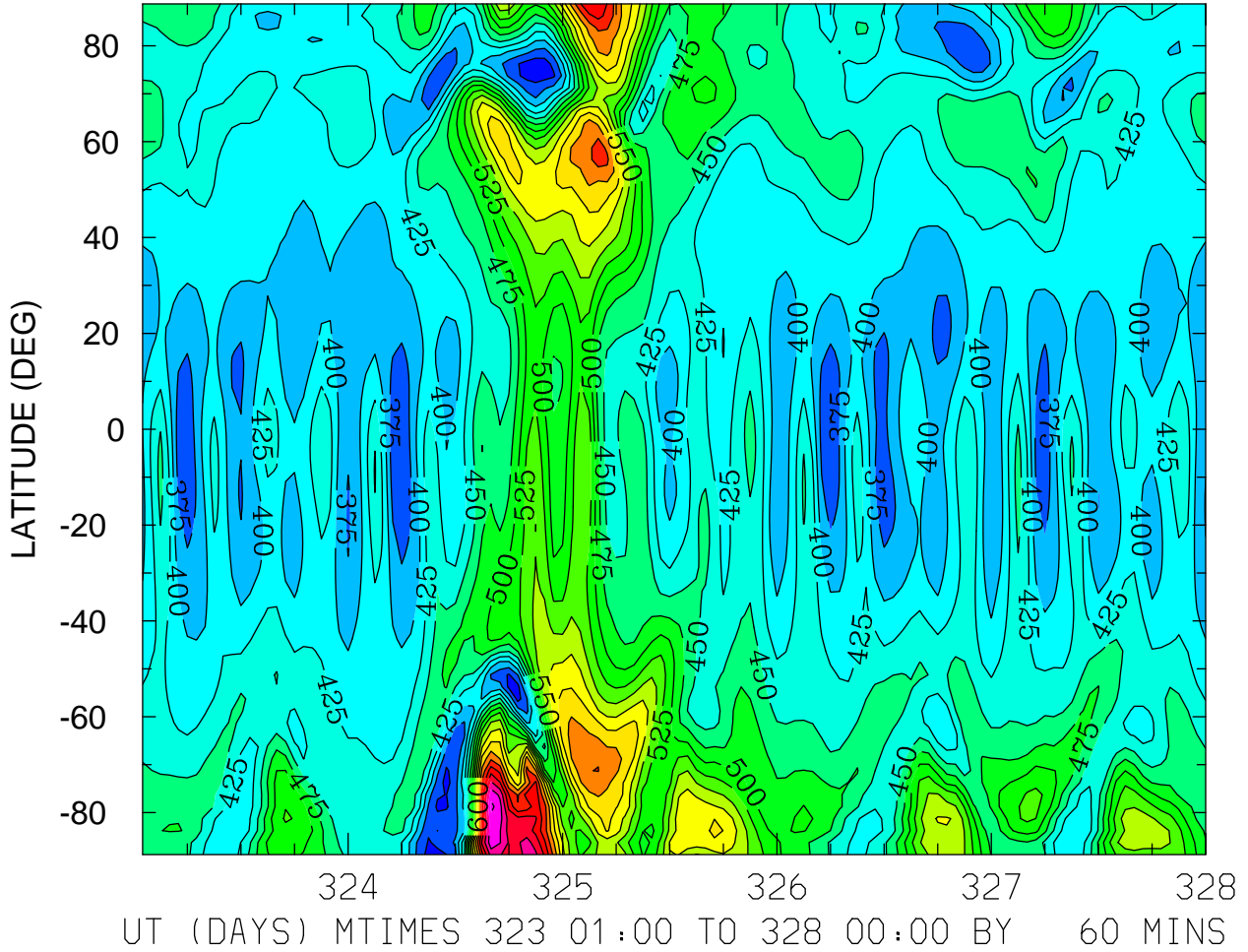
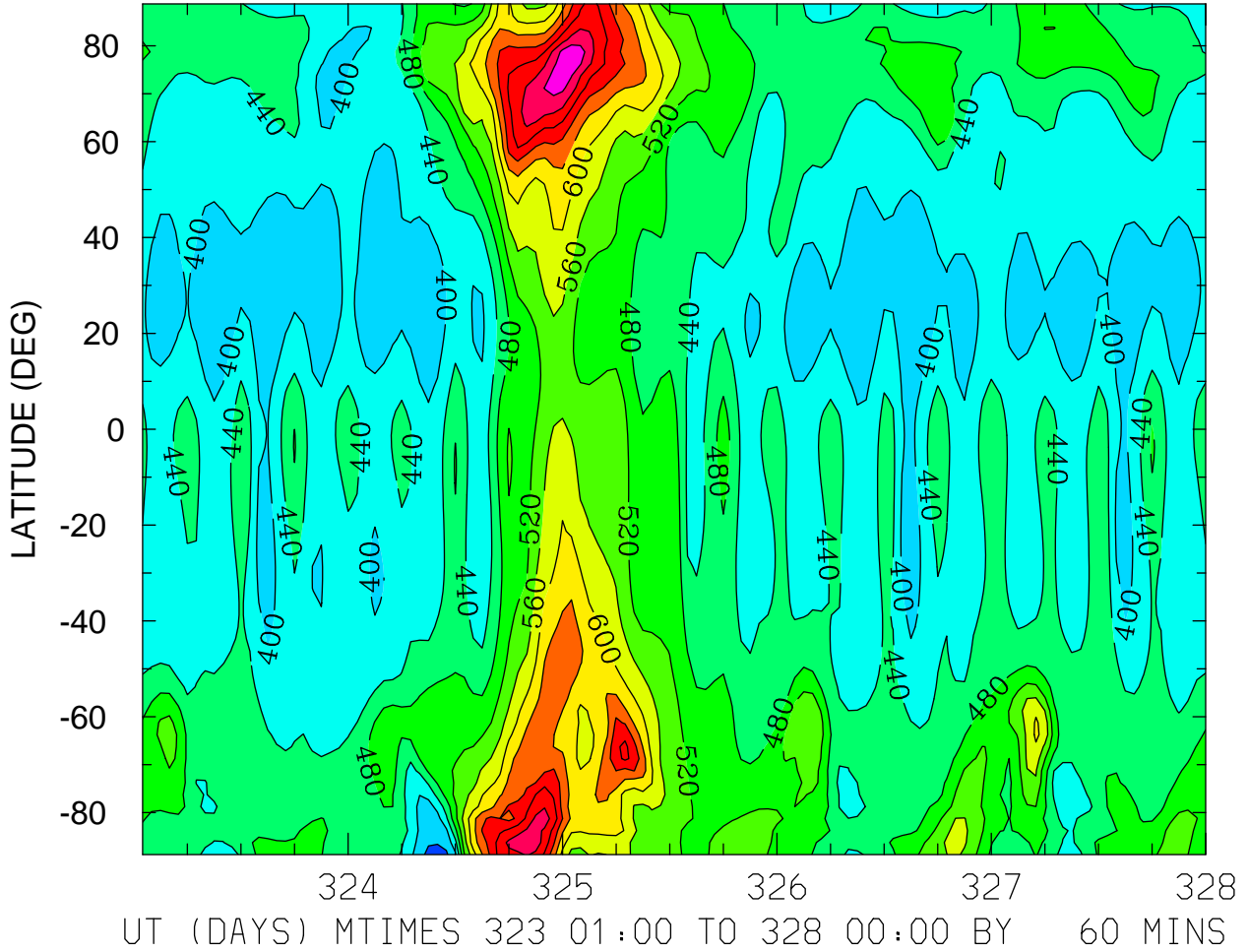


NEUTRAL TEMPERATURE (DEG K)  
ZP = -4.000 LOCAL TIME = 0.00



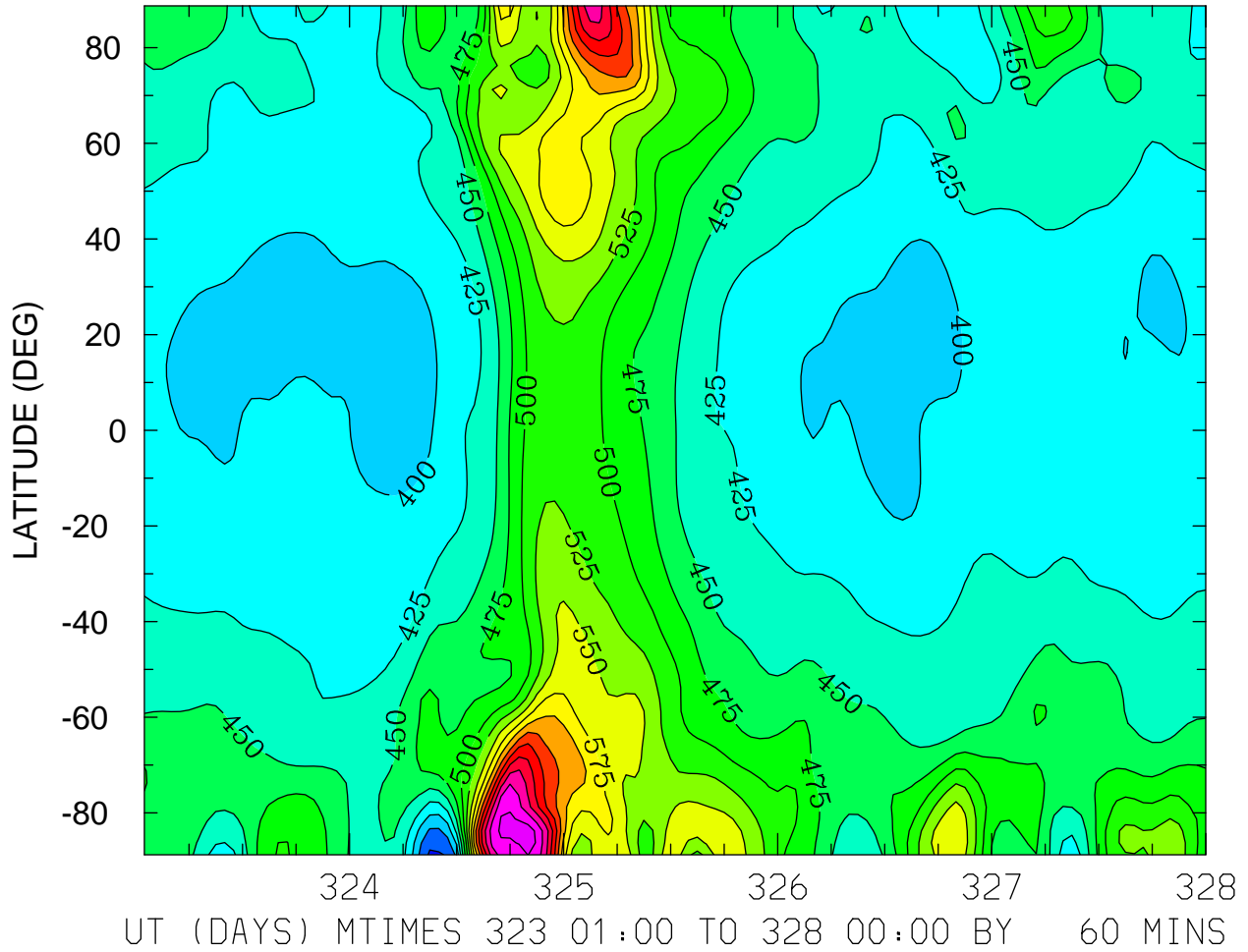
MIN,MAX= 3.3441E+02 7.8279E+02 INTERVAL= 2.5000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
ZP = -4.000 LOCAL TIME = 12.00



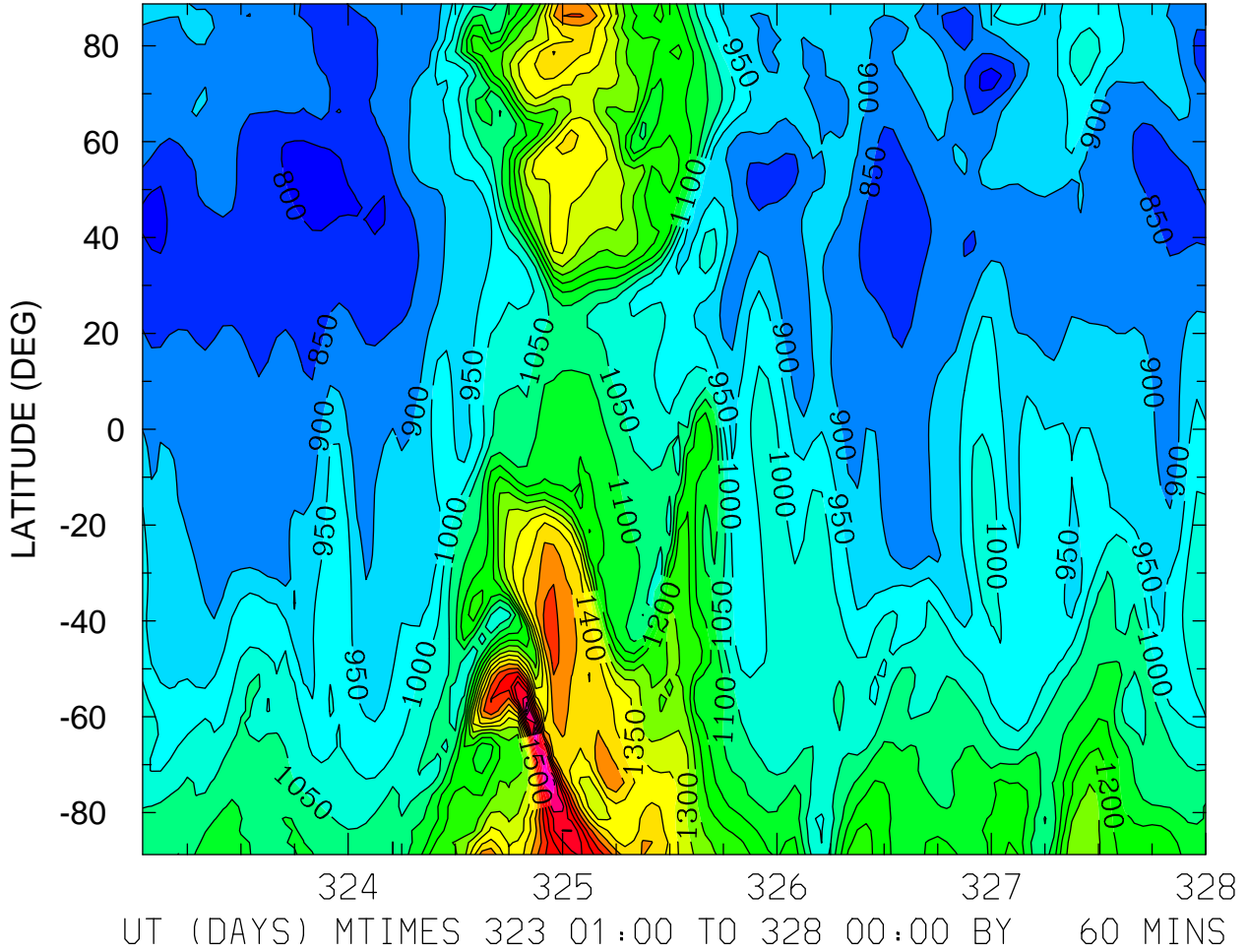
MIN,MAX= 3.4953E+02 8.3448E+02 INTERVAL= 4.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
ZP = -4.000 ZONAL MEANS



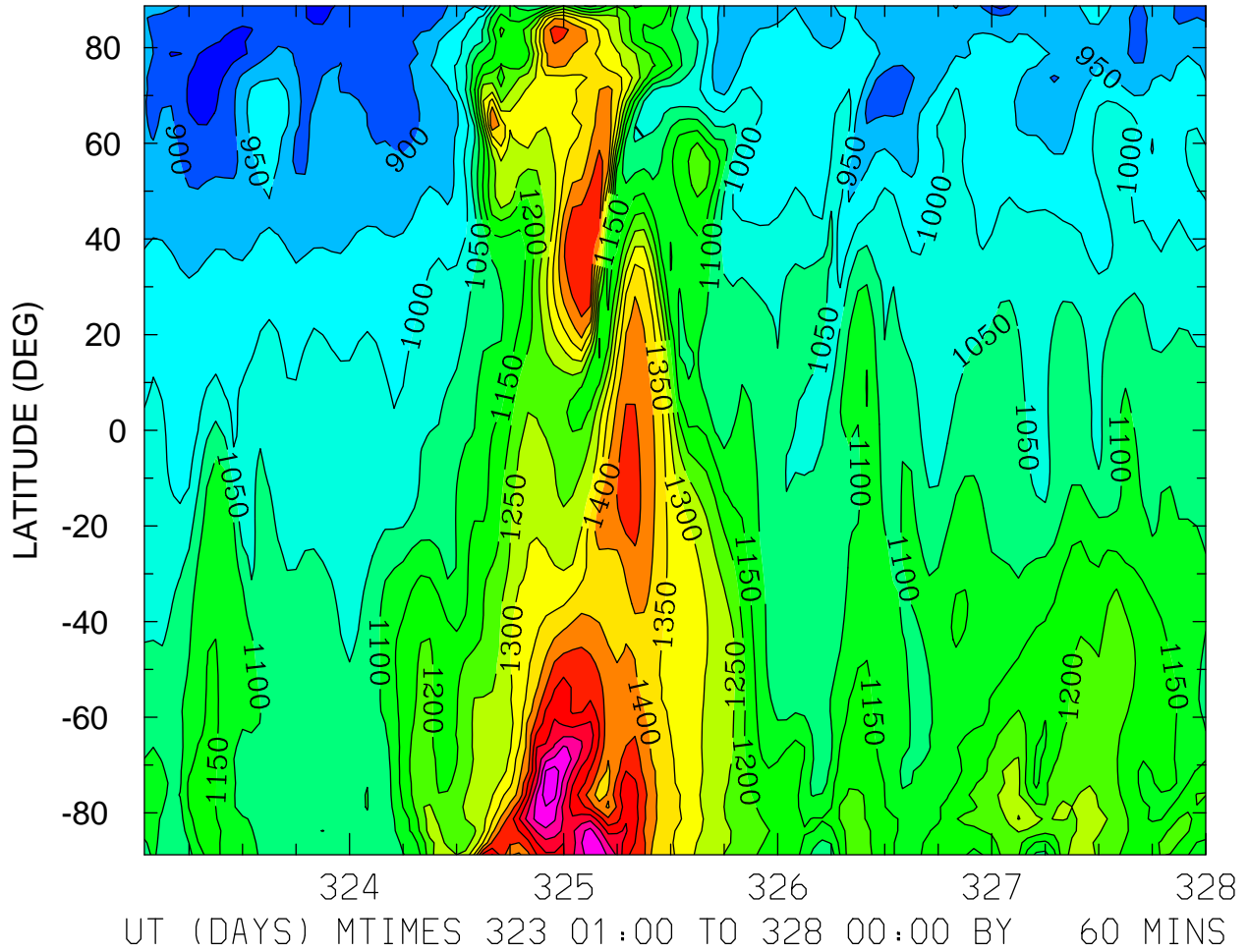
MIN,MAX= 3.4578E+02 7.6365E+02 INTERVAL= 2.5000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
ZP = 0.000 LOCAL TIME = 0.00



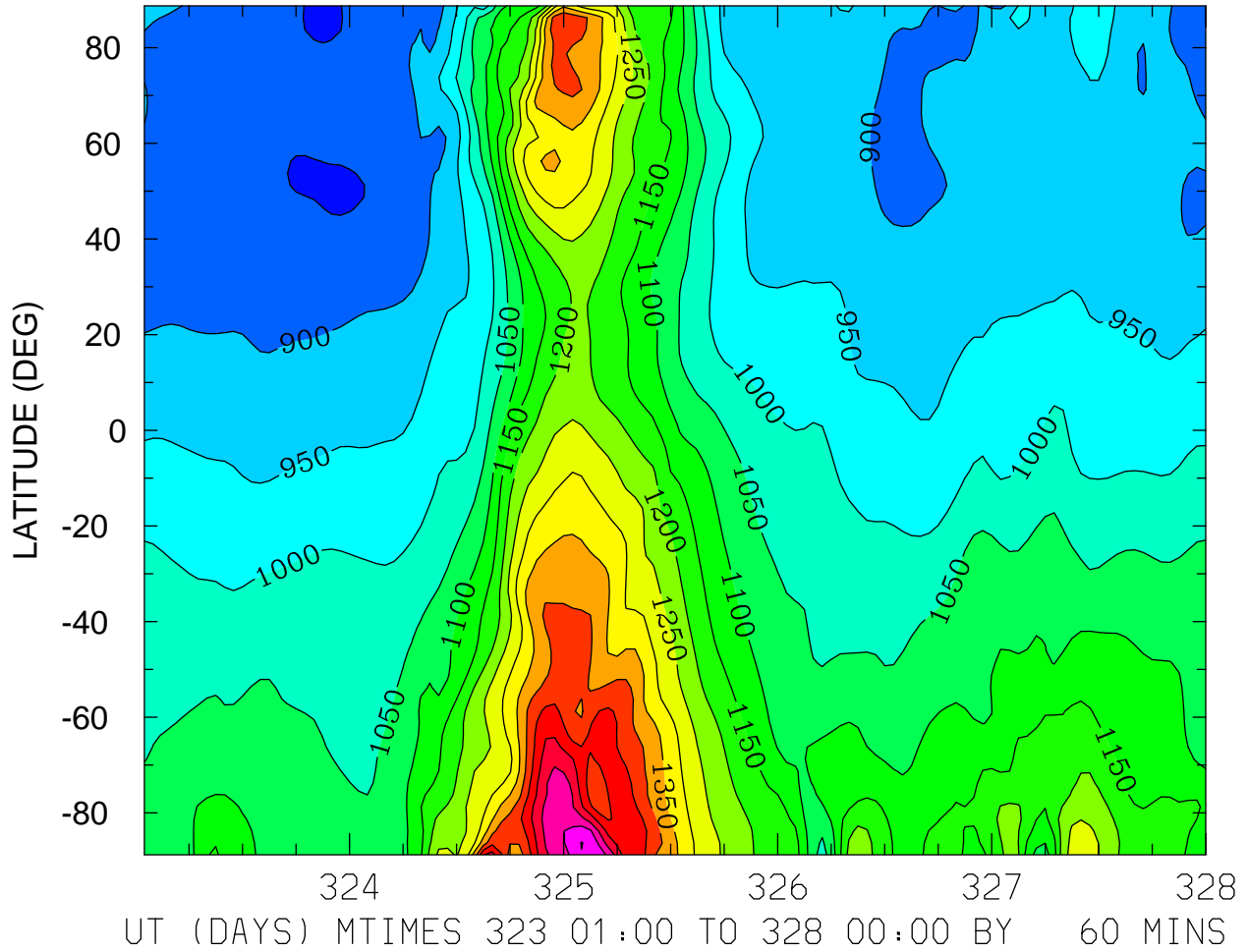
MIN,MAX= 7.8306E+02 1.8221E+03 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
ZP = 0.000 LOCAL TIME = 12.00



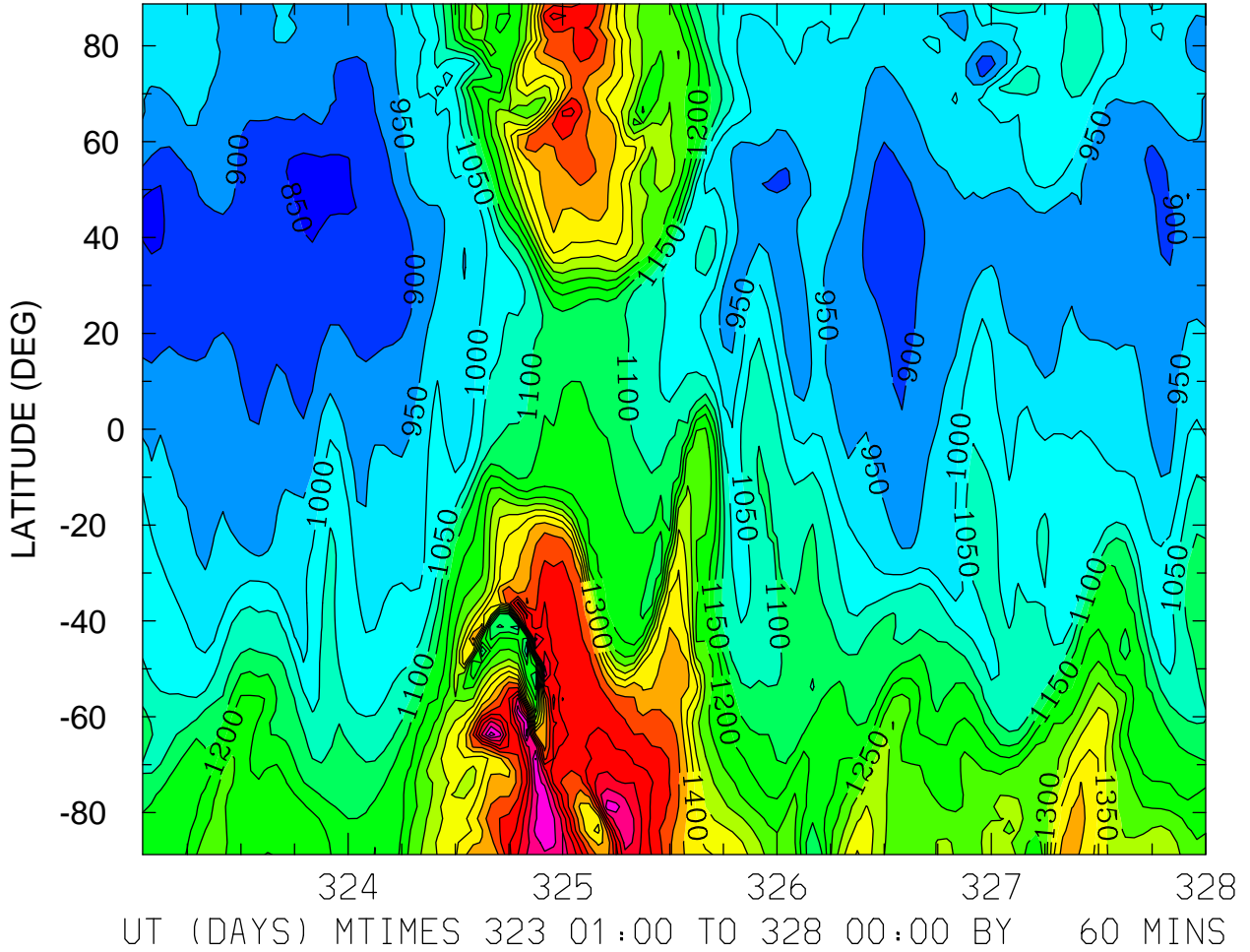
MIN,MAX= 8.2676E+02 1.7319E+03 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
ZP = 0.000 ZONAL MEANS



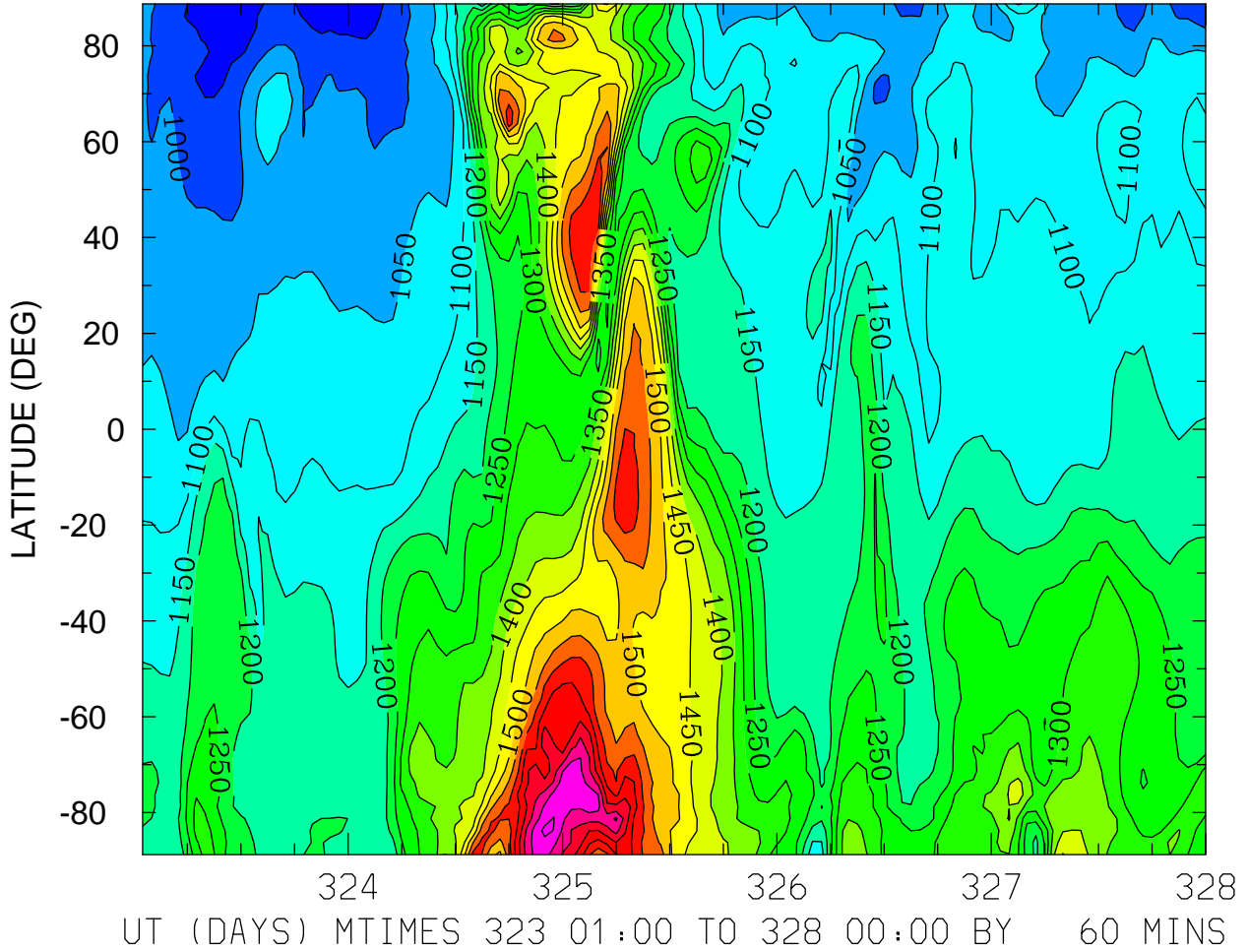
MIN,MAX= 8.3263E+02 1.6517E+03 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
ZP = 4.000 LOCAL TIME = 0.00



MIN,MAX= 8.3782E+02 1.8237E+03 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

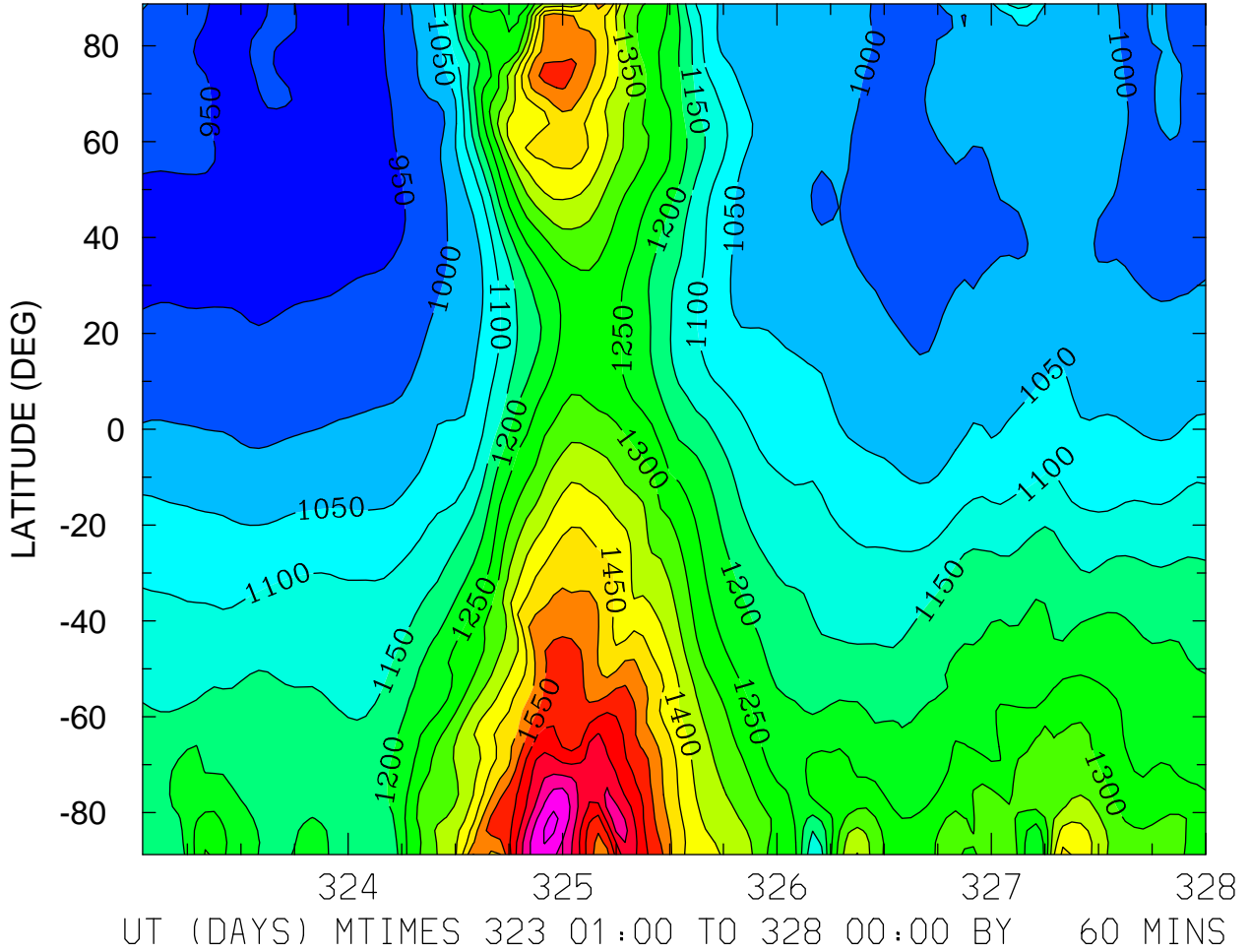
NEUTRAL TEMPERATURE (DEG K)  
ZP = 4.000 LOCAL TIME = 12.00



MIN,MAX= 9.1971E+02 1.8618E+03 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

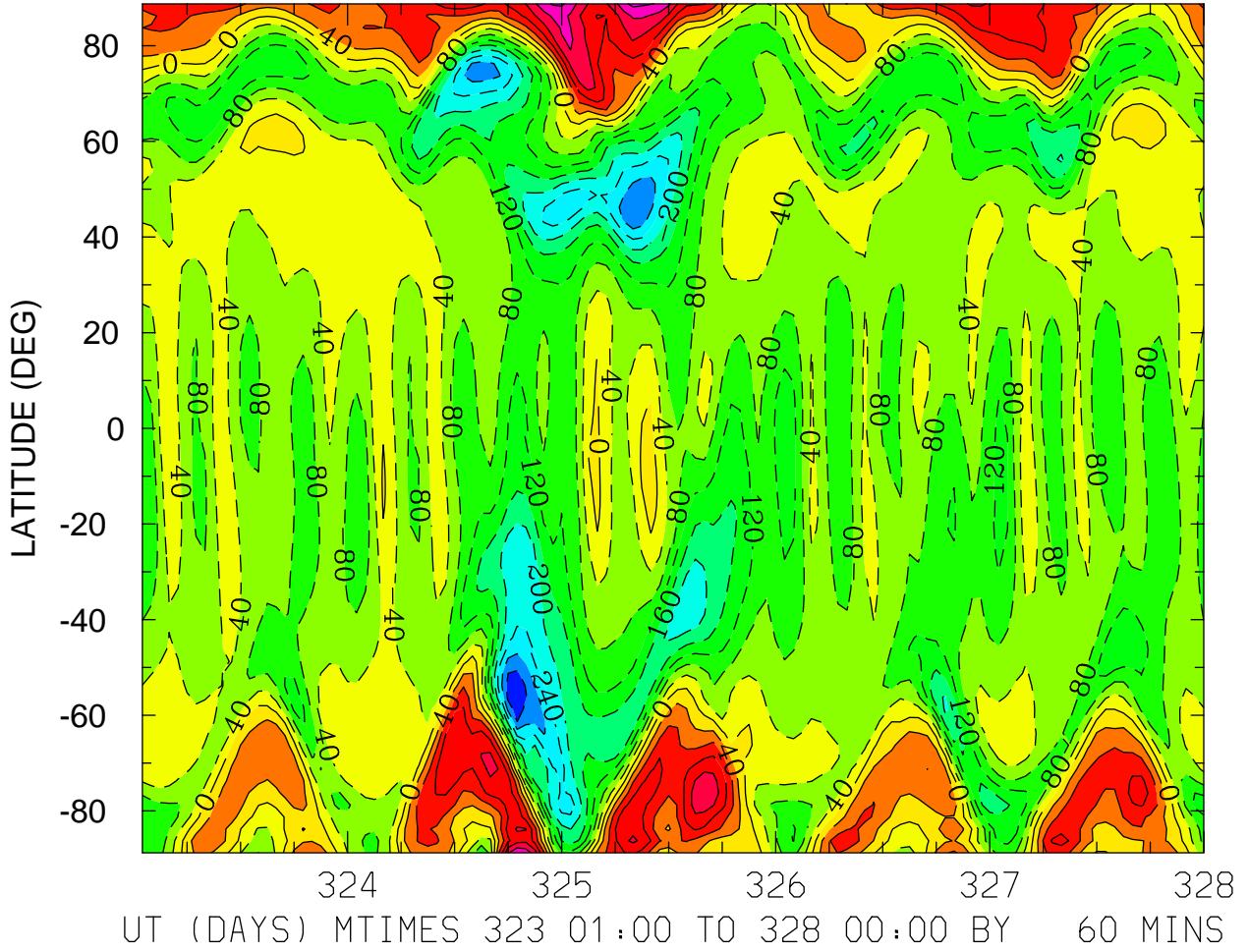


NEUTRAL TEMPERATURE (DEG K)  
ZP = 4.000 ZONAL MEANS



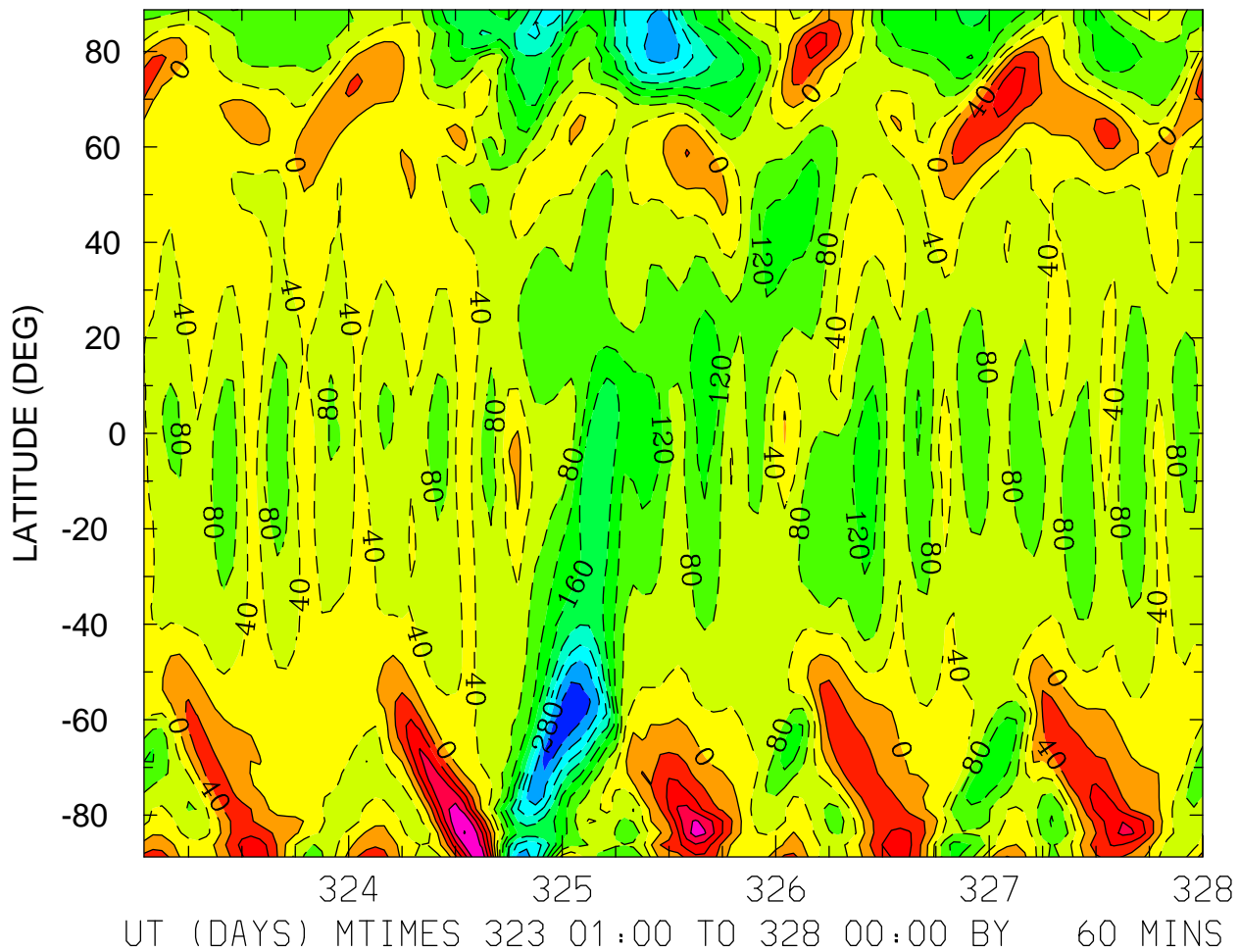
MIN,MAX= 9.1779E+02 1.8115E+03 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
ZP = -4.000 LOCAL TIME = 0.00



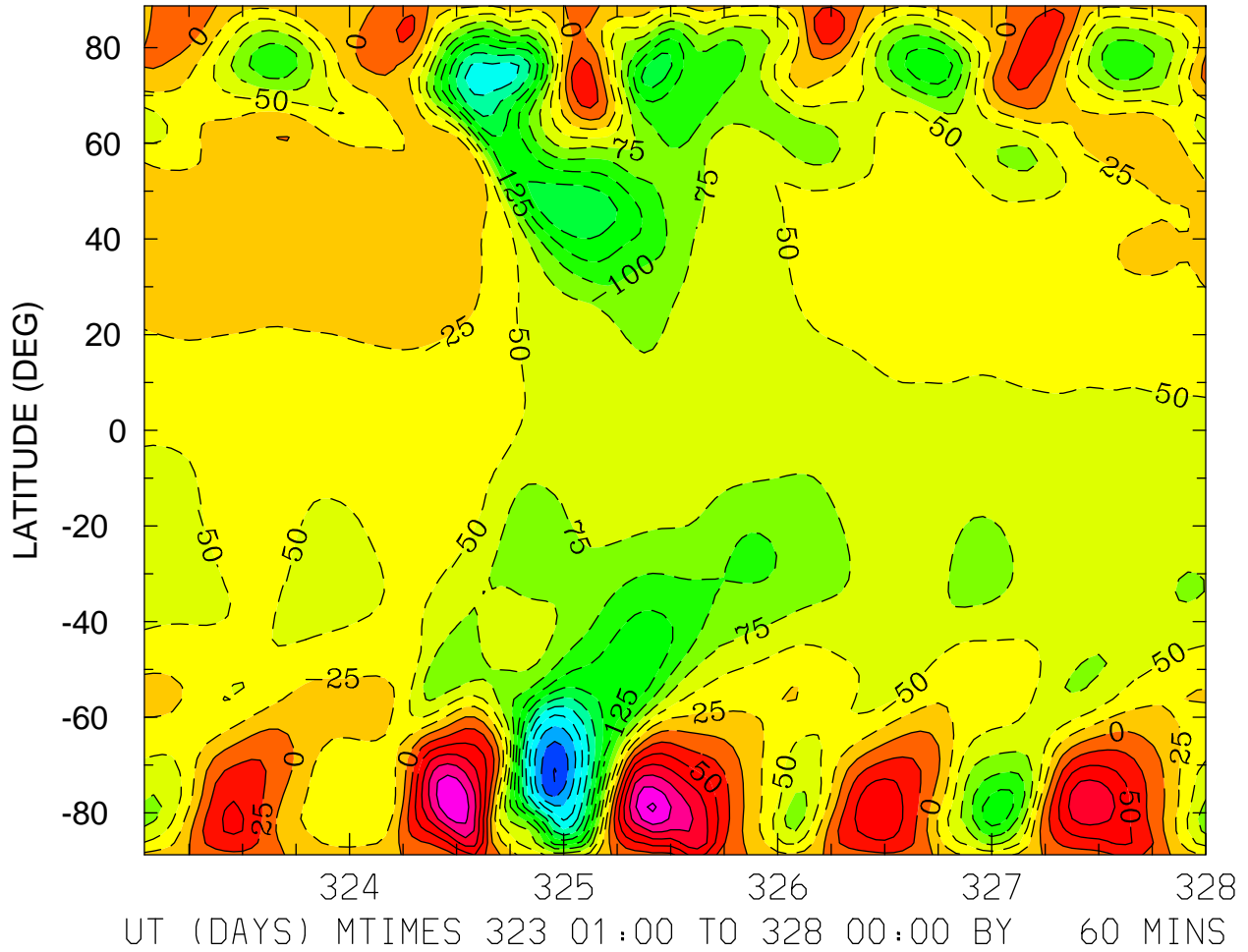
MIN,MAX= -3.4510E+02 2.5096E+02 INTERVAL= 4.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
ZP = -4.000 LOCAL TIME = 12.00



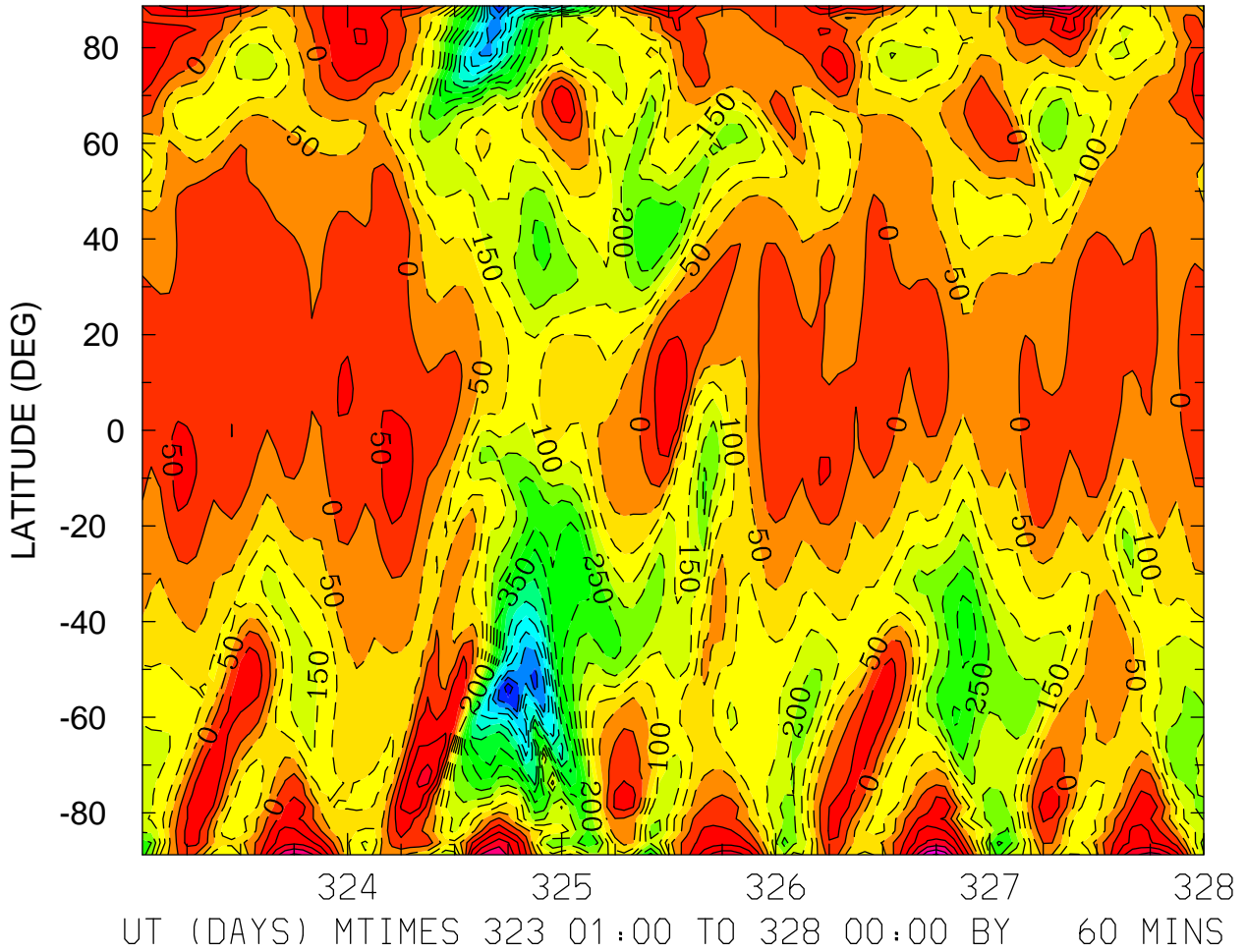
MIN,MAX= -3.5080E+02 2.0145E+02 INTERVAL= 4.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
ZP = -4.000 ZONAL MEANS



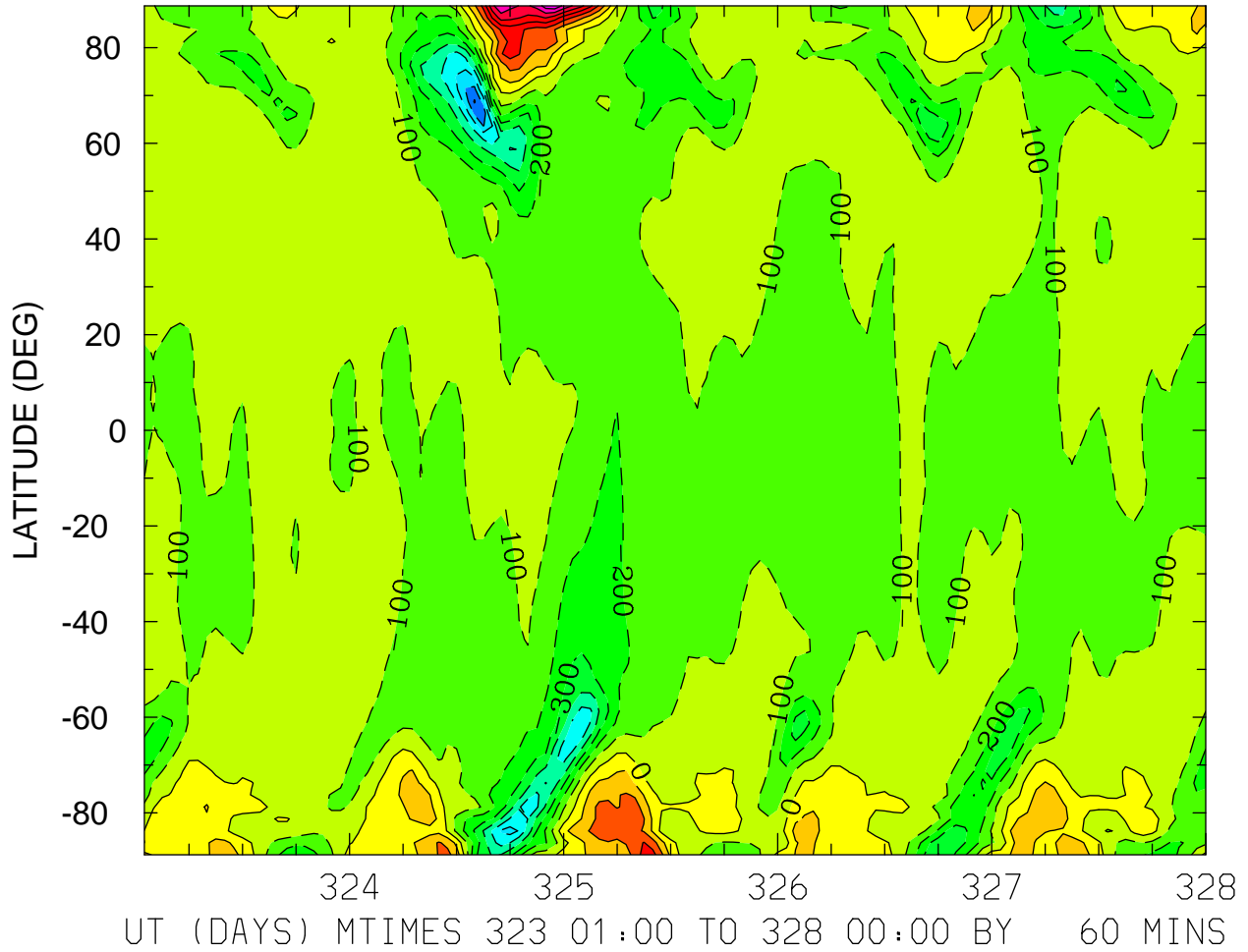
MIN,MAX= -3.0148E+02 1.5444E+02 INTERVAL= 2.5000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
ZP = 0.000 LOCAL TIME = 0.00



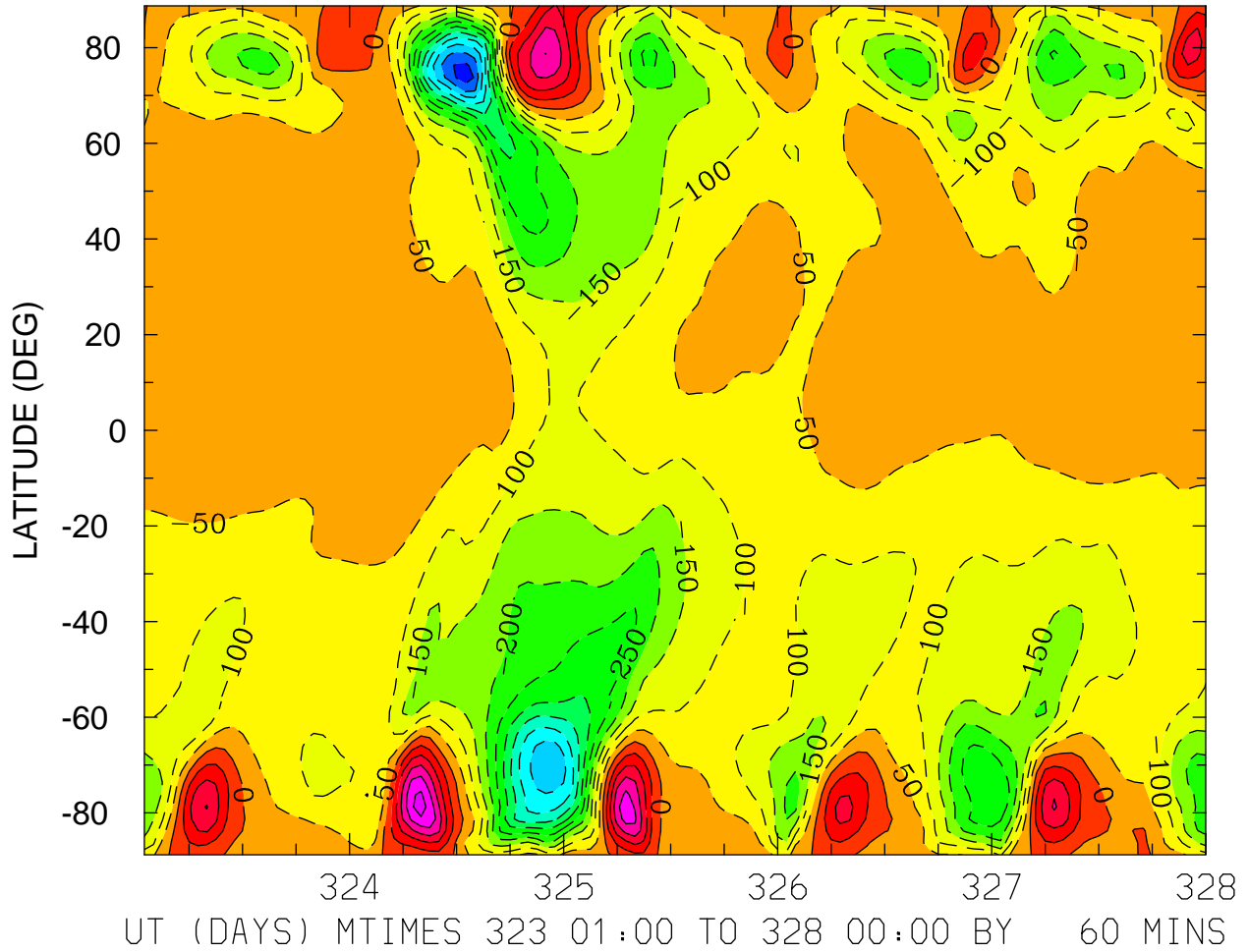
MIN,MAX= -7.3226E+02 3.0931E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
ZP = 0.000 LOCAL TIME = 12.00



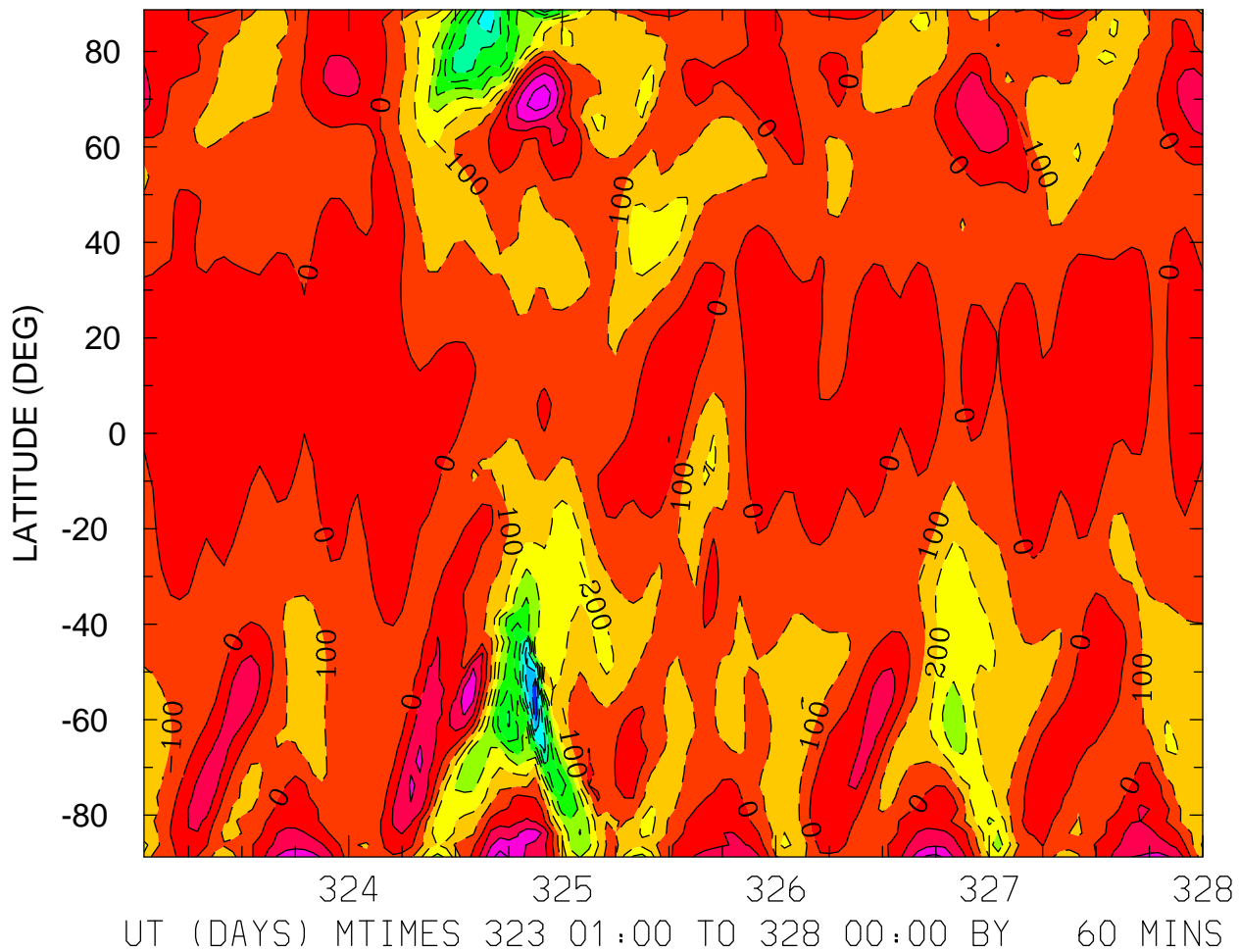
MIN,MAX= -8.1143E+02 7.8431E+02 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
ZP = 0.000 ZONAL MEANS



MIN,MAX= -5.7999E+02 2.7076E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

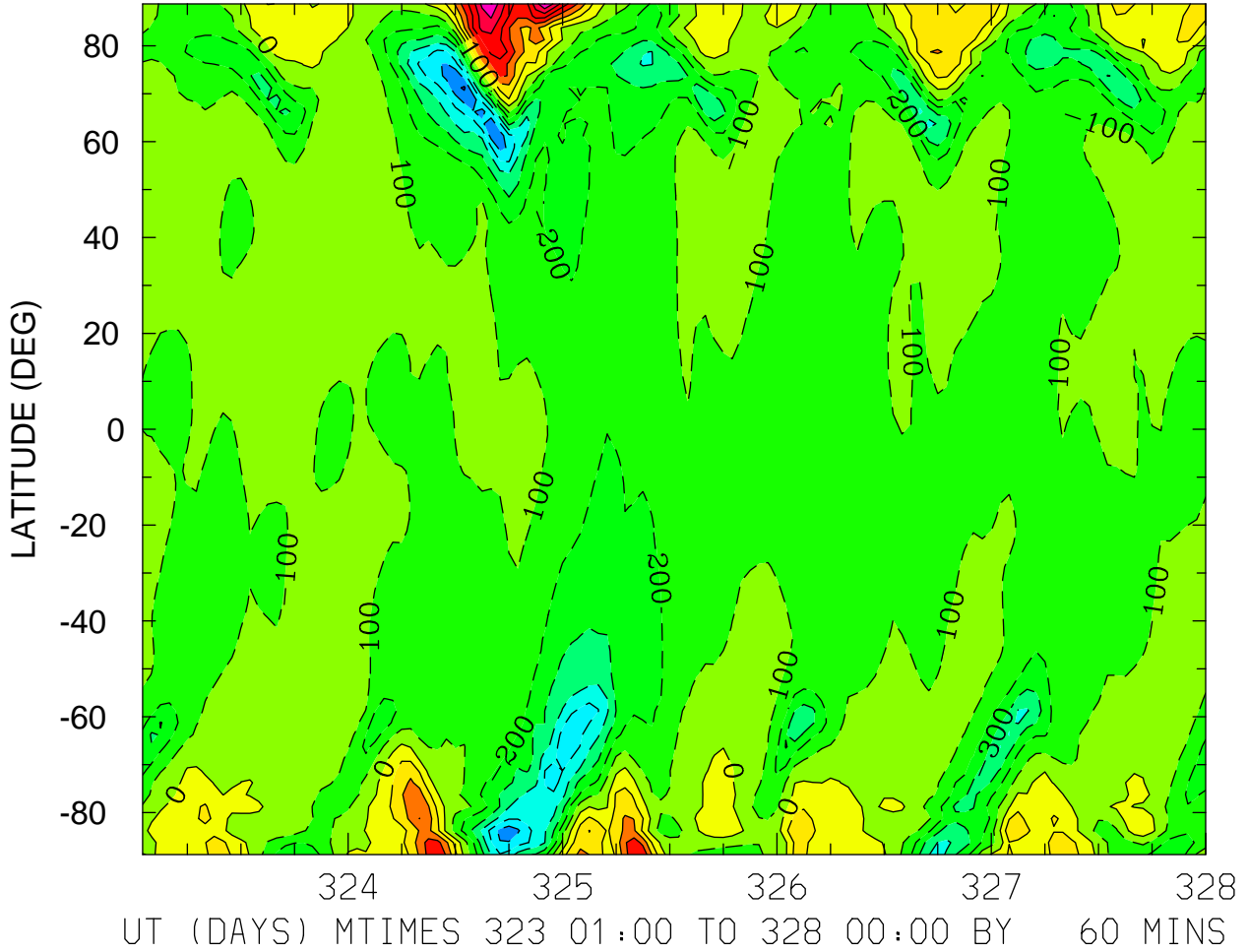
NEUTRAL ZONAL WIND (M/S)  
ZP = 4.000 LOCAL TIME = 0.00



MIN,MAX= -9.7867E+02 3.4339E+02 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

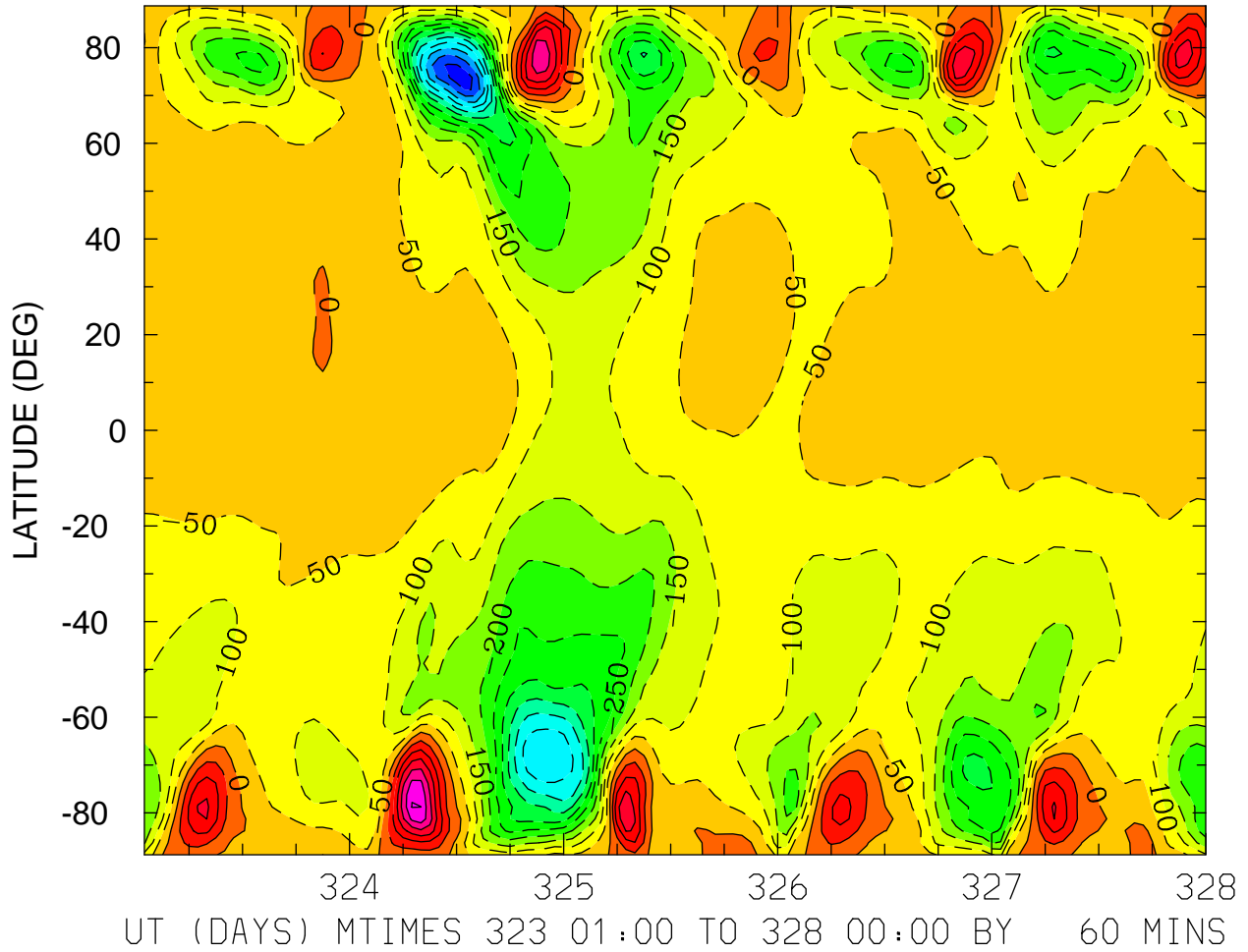


NEUTRAL ZONAL WIND (M/S)  
ZP = 4.000 LOCAL TIME = 12.00



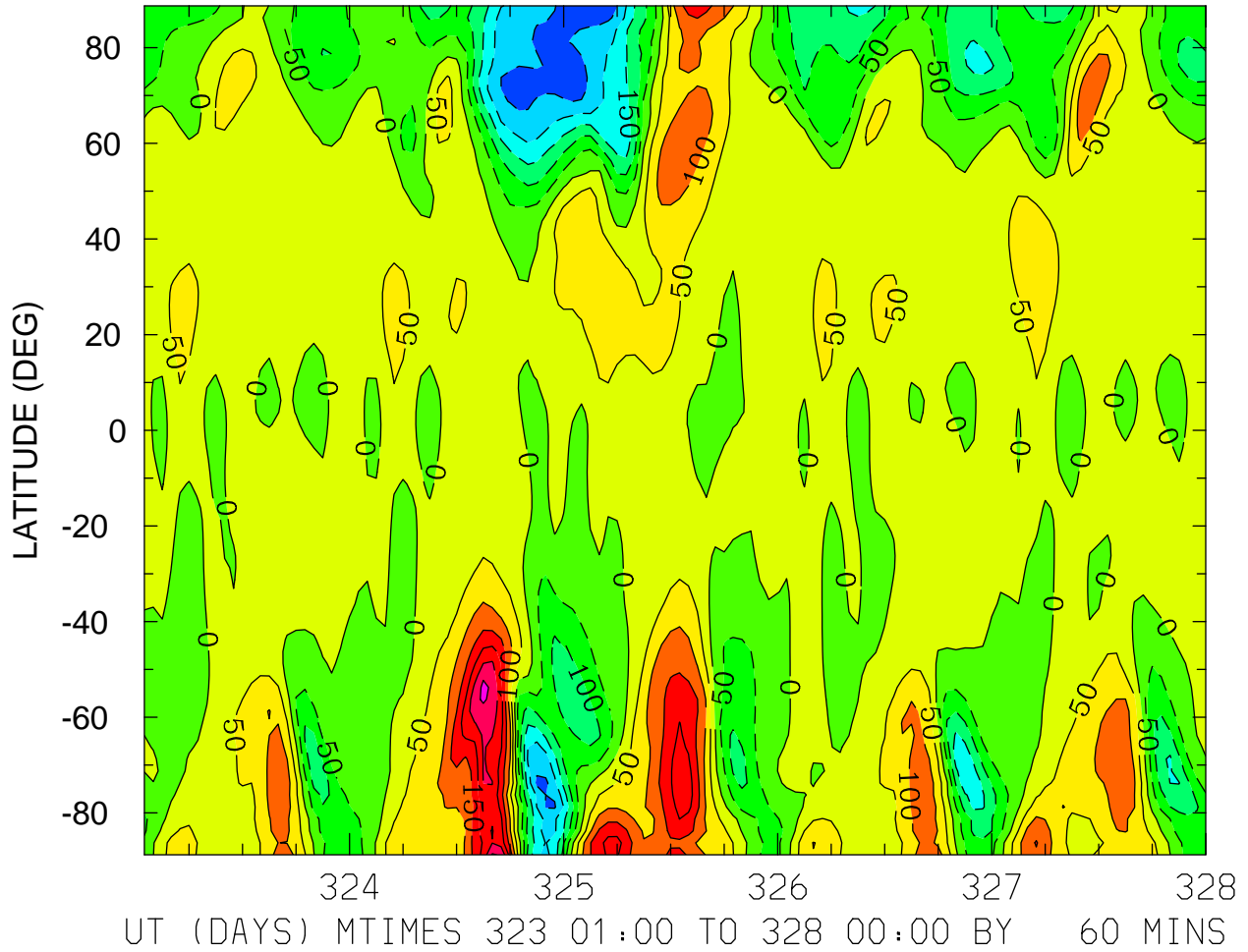
MIN,MAX= -7.1788E+02 7.0211E+02 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL ZONAL WIND (M/S)  
ZP = 4.000 ZONAL MEANS



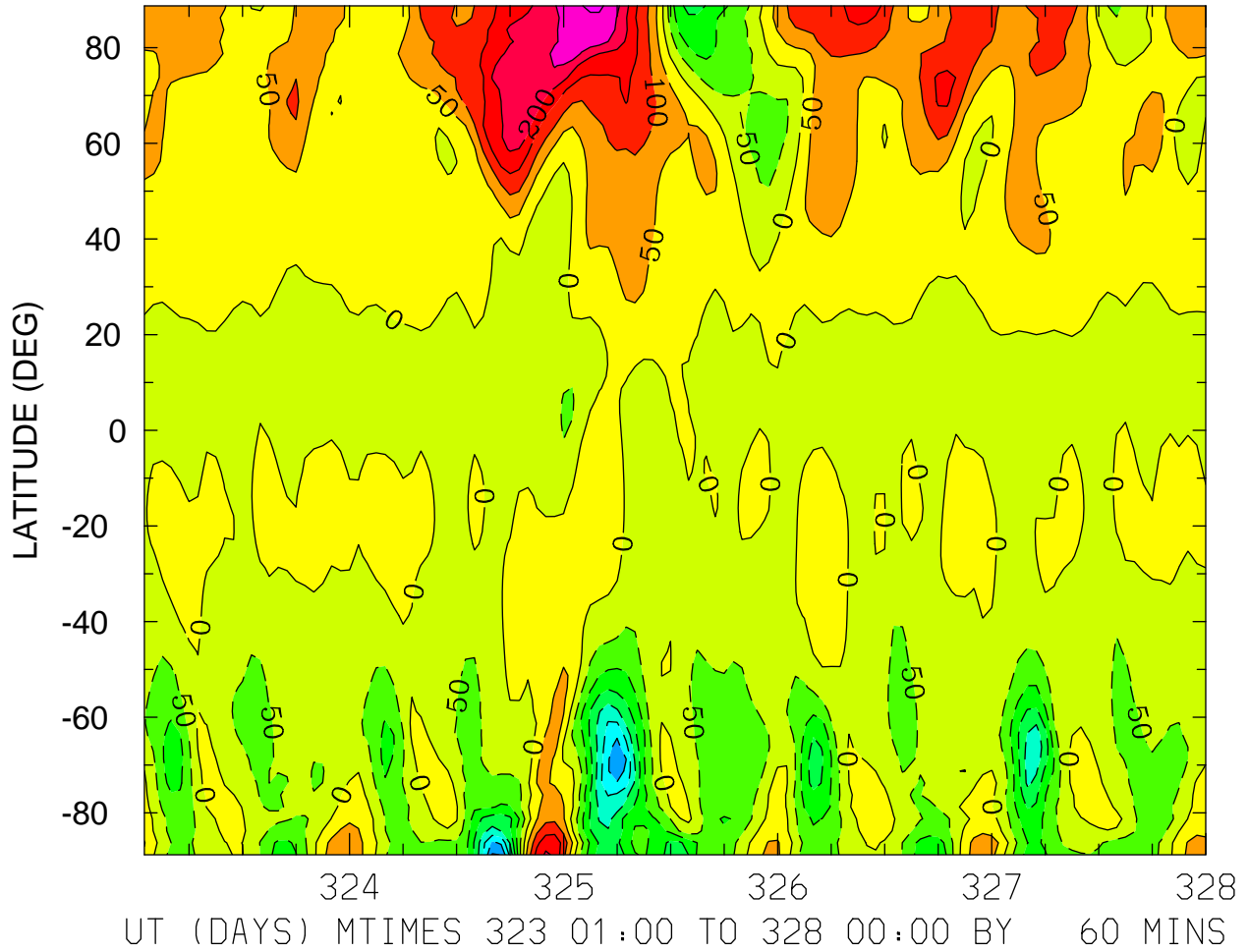
MIN,MAX= -6.3149E+02 3.0153E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
ZP = -4.000 LOCAL TIME = 0.00



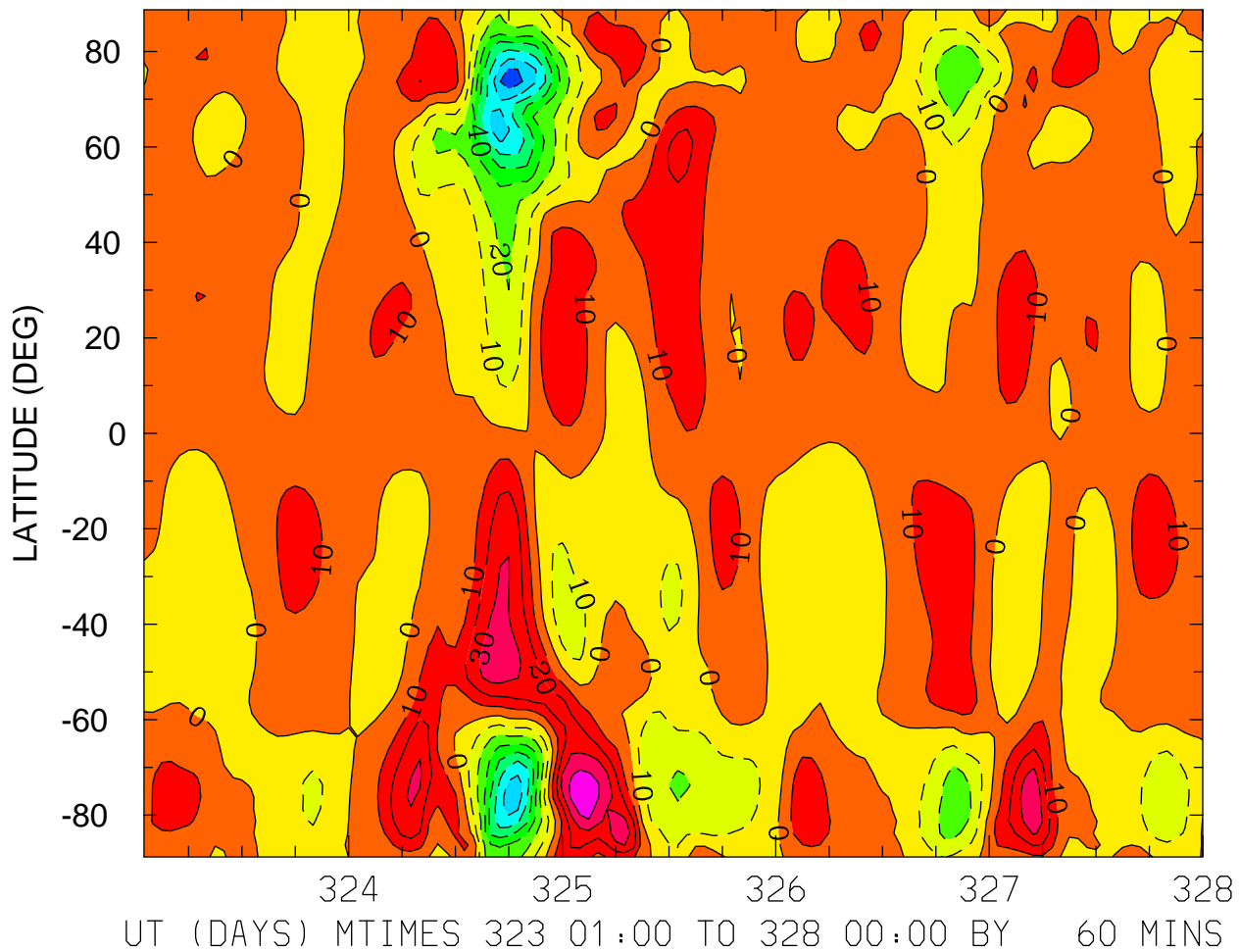
MIN,MAX= -2.9404E+02 3.1423E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
ZP = -4.000 LOCAL TIME = 12.00

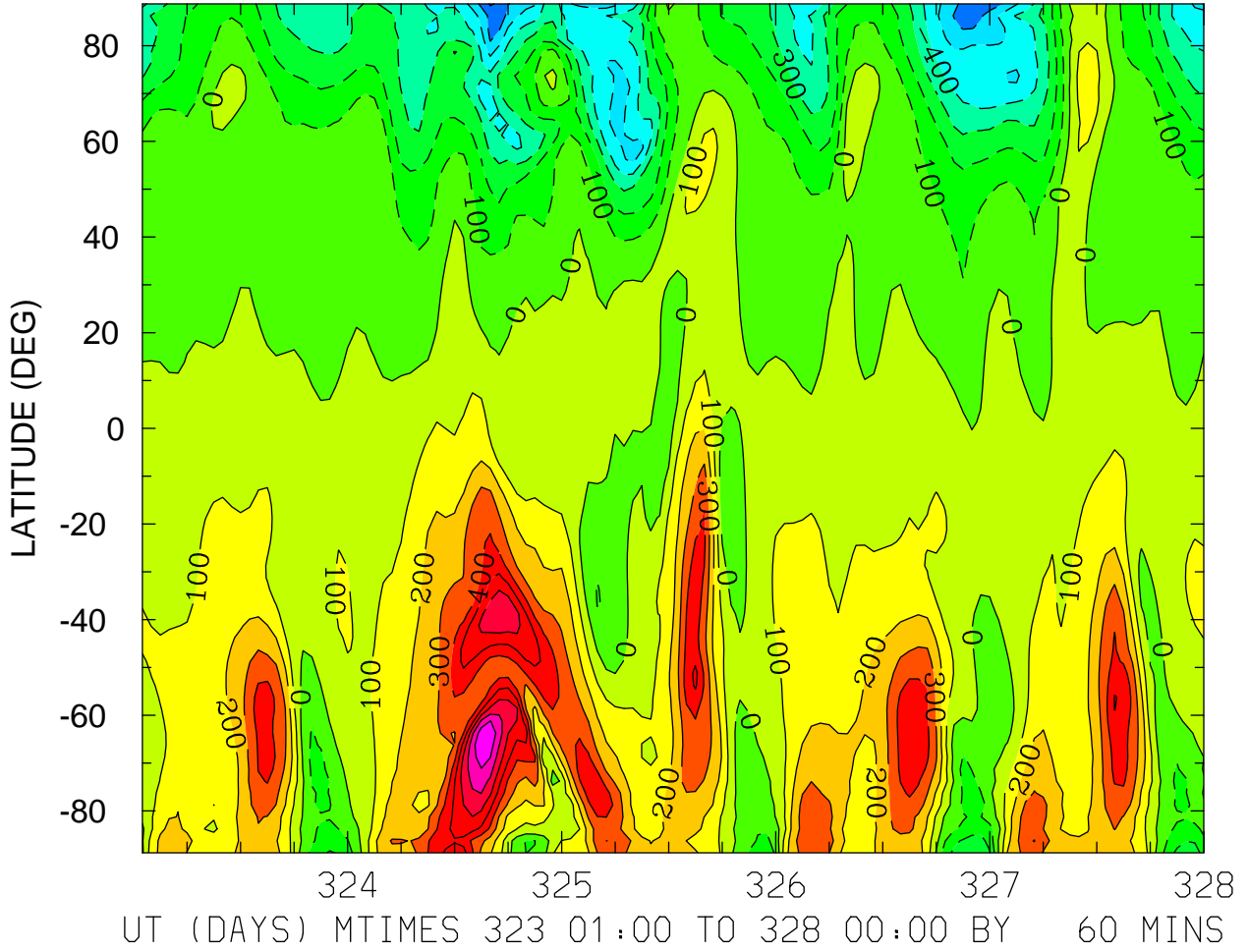


MIN,MAX= -3.5419E+02 3.0741E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
ZP = -4.000 ZONAL MEANS

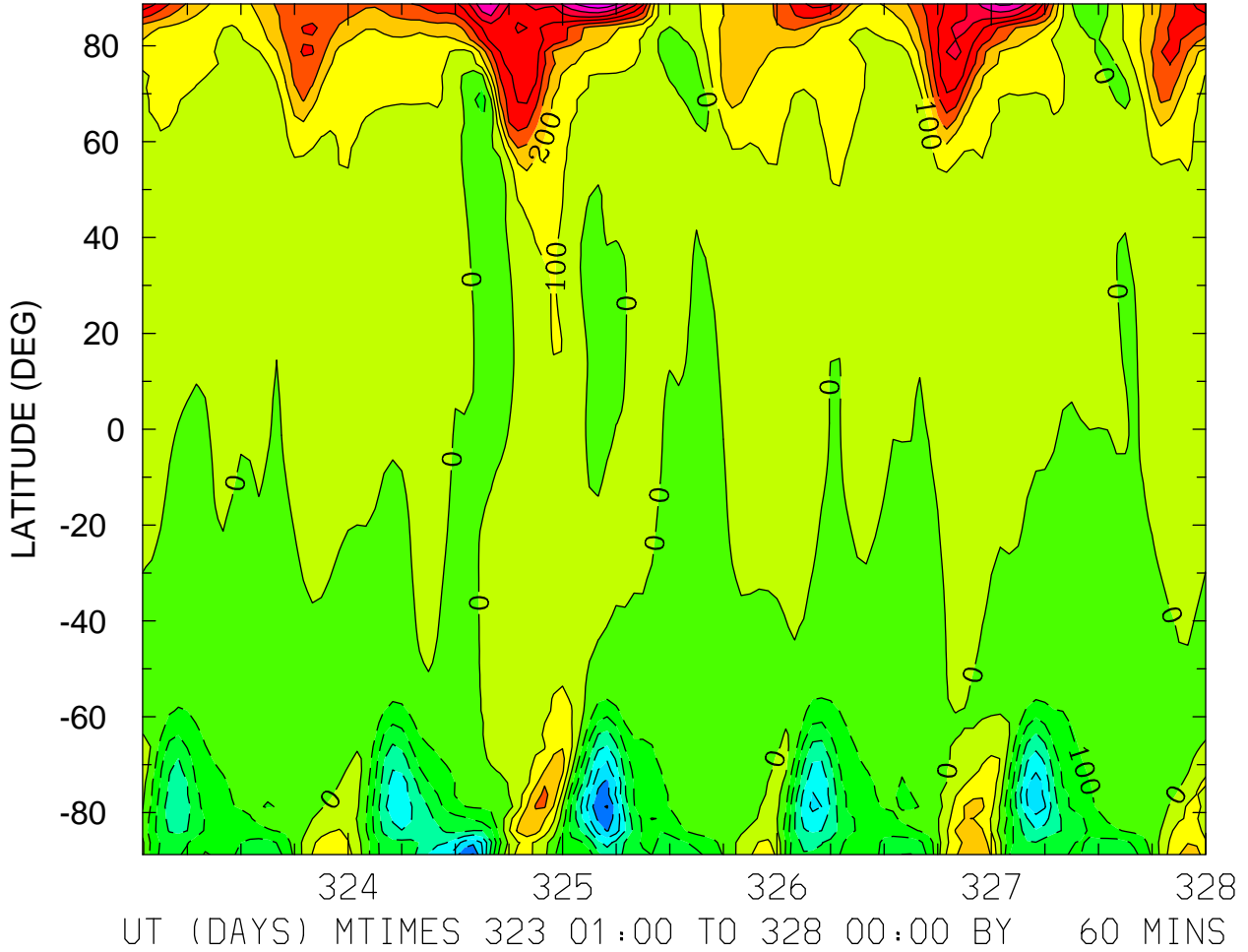


NEUTRAL MERIDIONAL WIND (M/S)  
ZP = 0.000 LOCAL TIME = 0.00



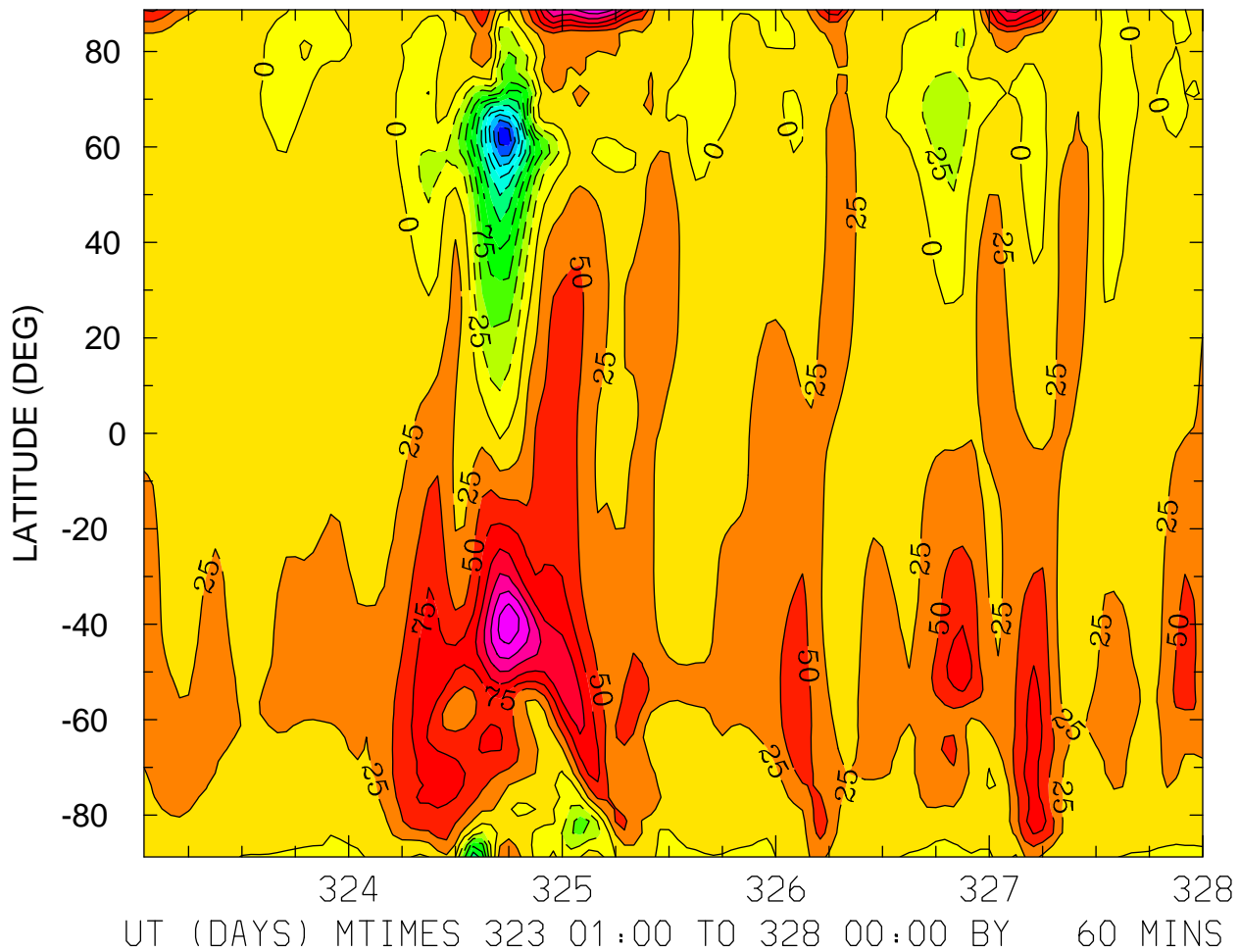
MIN,MAX= -7.1225E+02 8.8529E+02 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
ZP = 0.000 LOCAL TIME = 12.00



MIN,MAX= -7.0750E+02 8.9456E+02 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

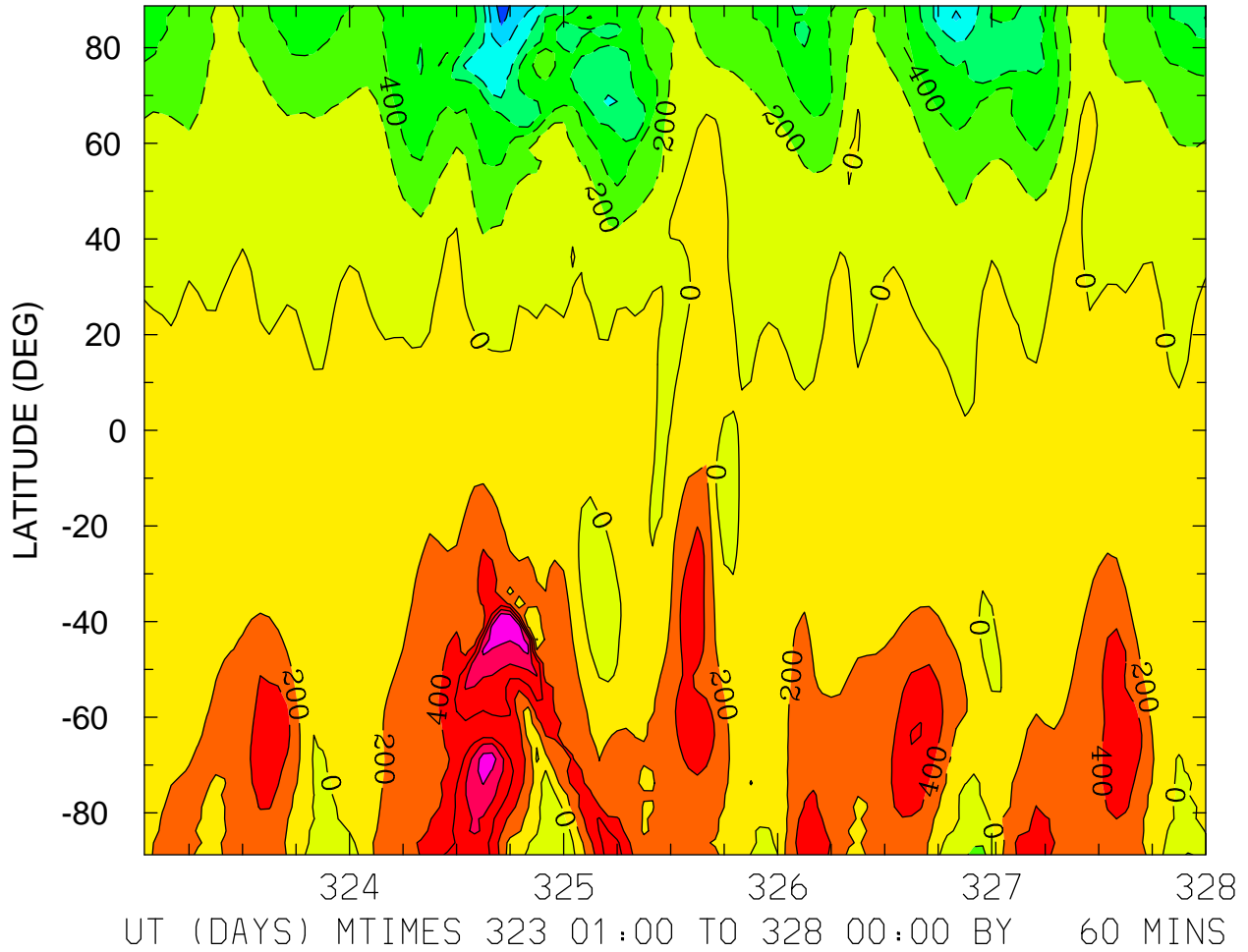
NEUTRAL MERIDIONAL WIND (M/S)  
ZP = 0.000 ZONAL MEANS



MIN,MAX= -2.6242E+02 1.9007E+02 INTERVAL= 2.5000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

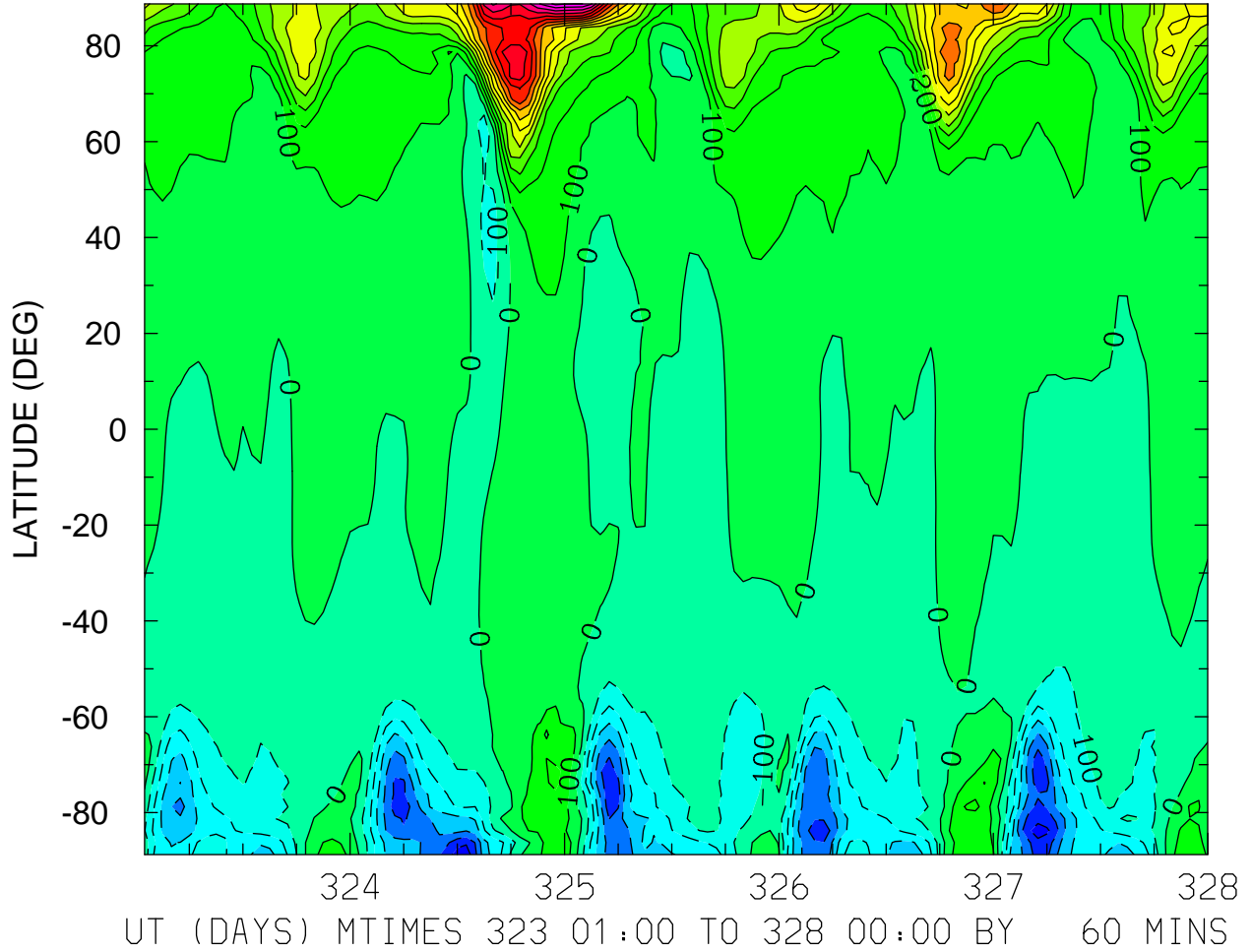


NEUTRAL MERIDIONAL WIND (M/S)  
ZP = 4.000 LOCAL TIME = 0.00



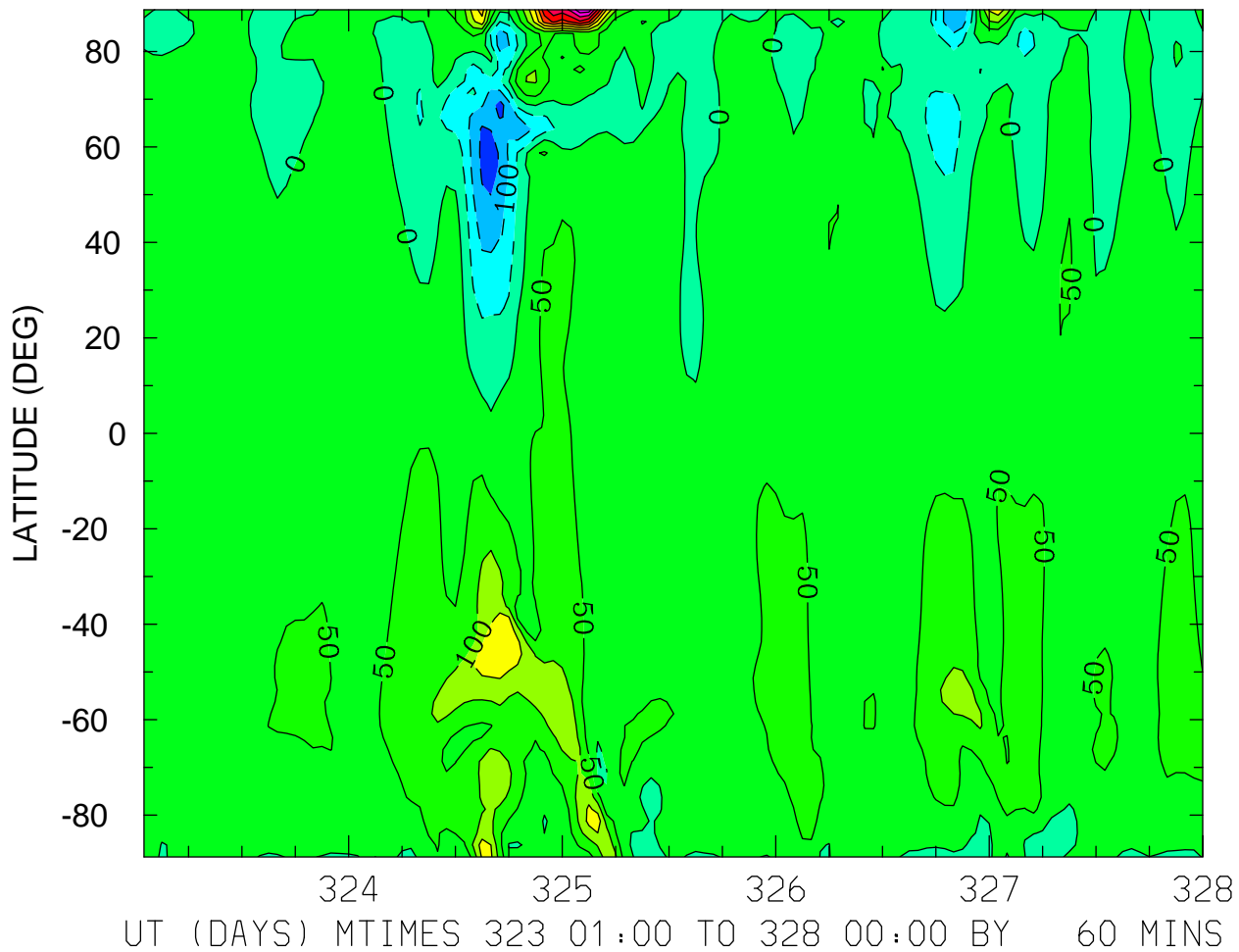
MIN,MAX= -1.2562E+03 1.1910E+03 INTERVAL= 2.0000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
ZP = 4.000 LOCAL TIME = 12.00



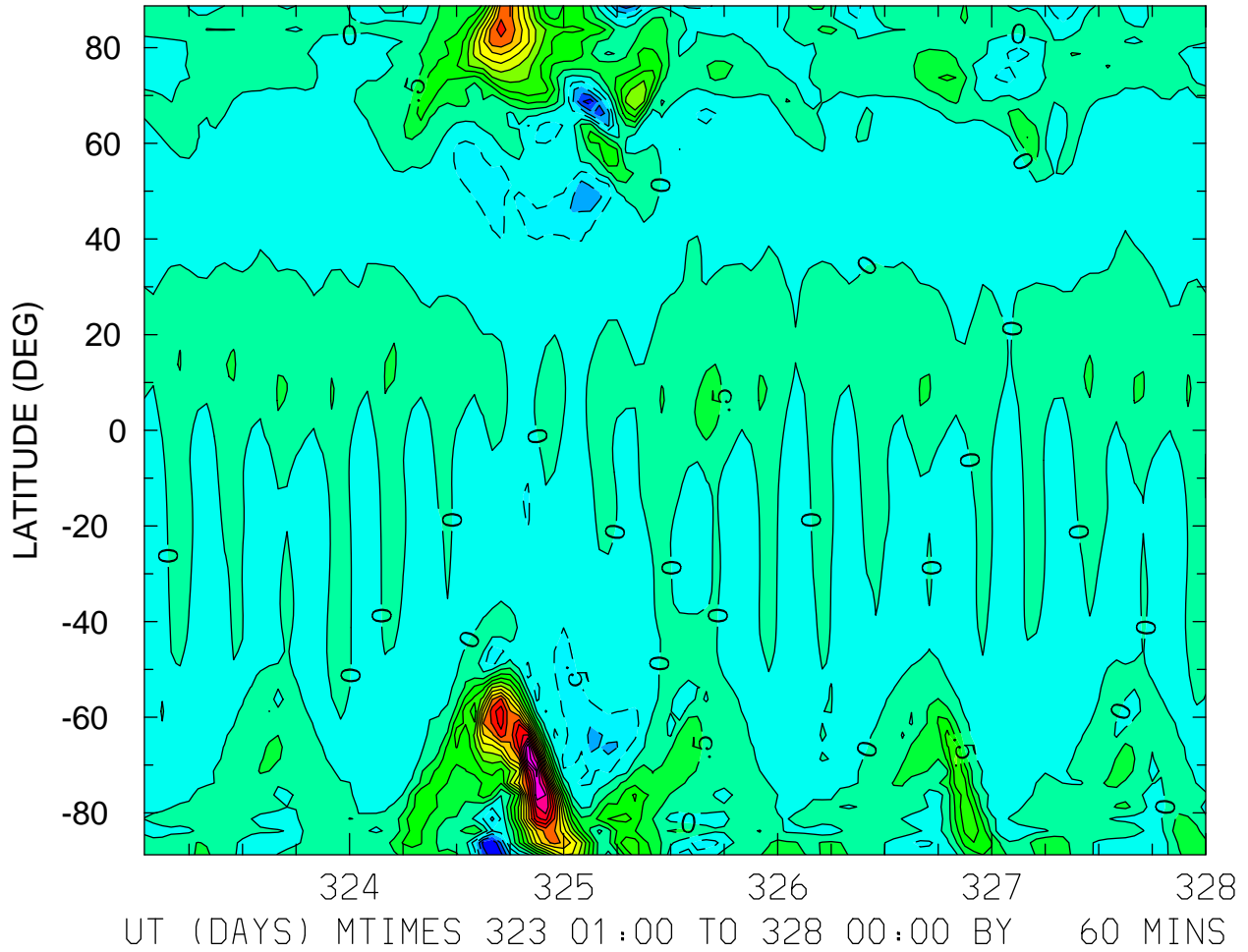
MIN,MAX= -6.6181E+02 1.5290E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL MERIDIONAL WIND (M/S)  
ZP = 4.000 ZONAL MEANS



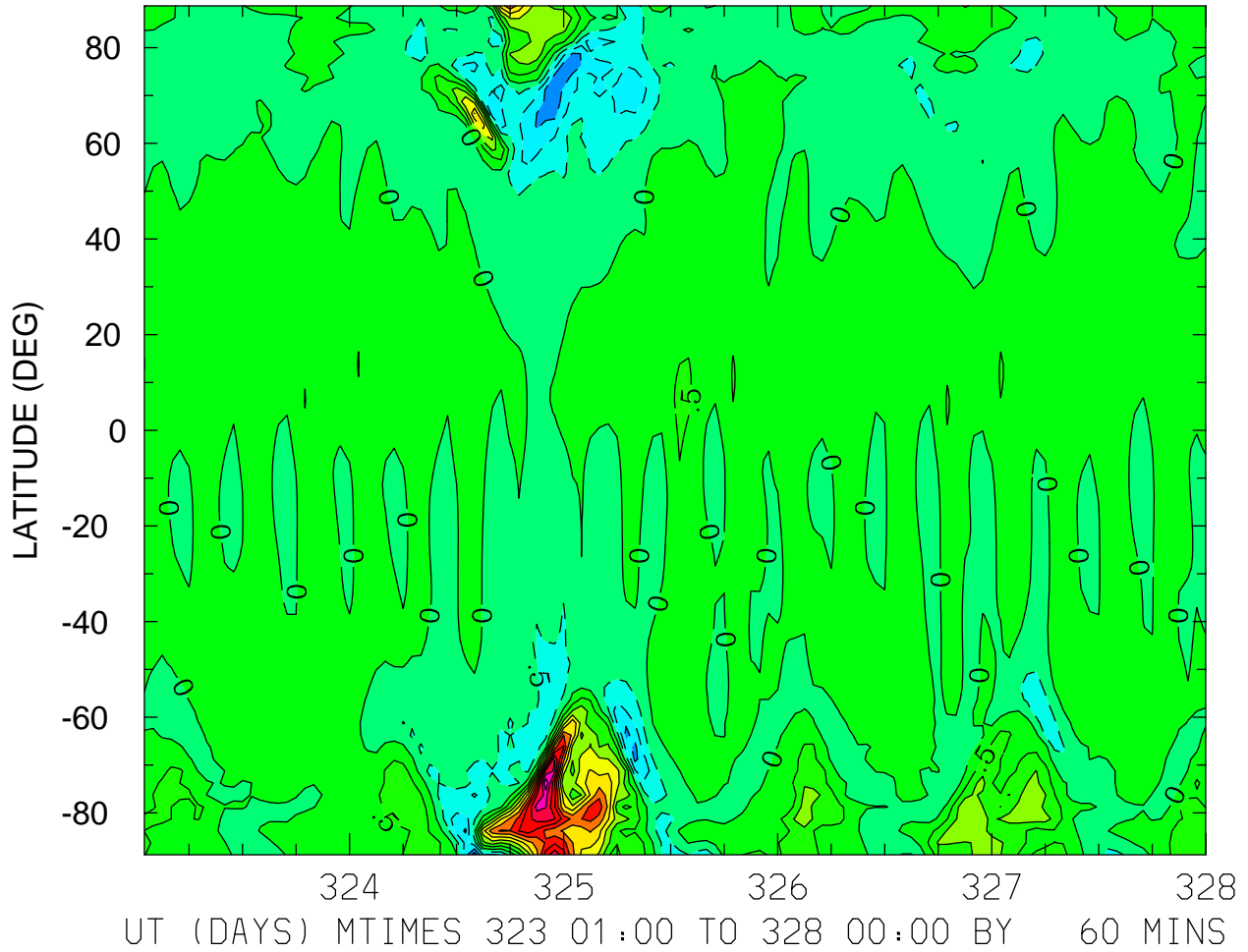
MIN,MAX= -1.7290E+02 4.8570E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
ZP = -4.000 LOCAL TIME = 0.00



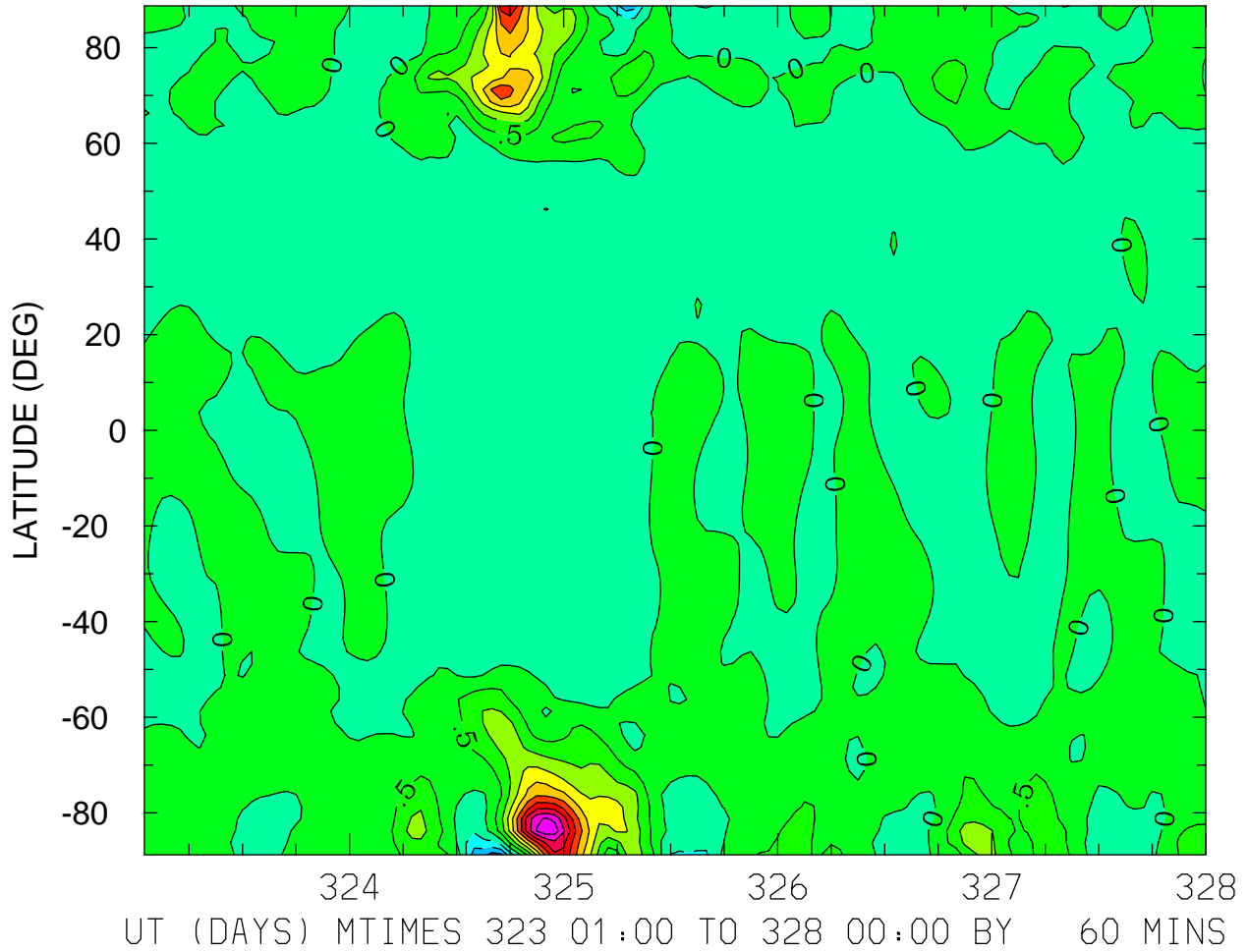
MIN,MAX= -2.5080E+00 7.4618E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
ZP = -4.000 LOCAL TIME = 12.00



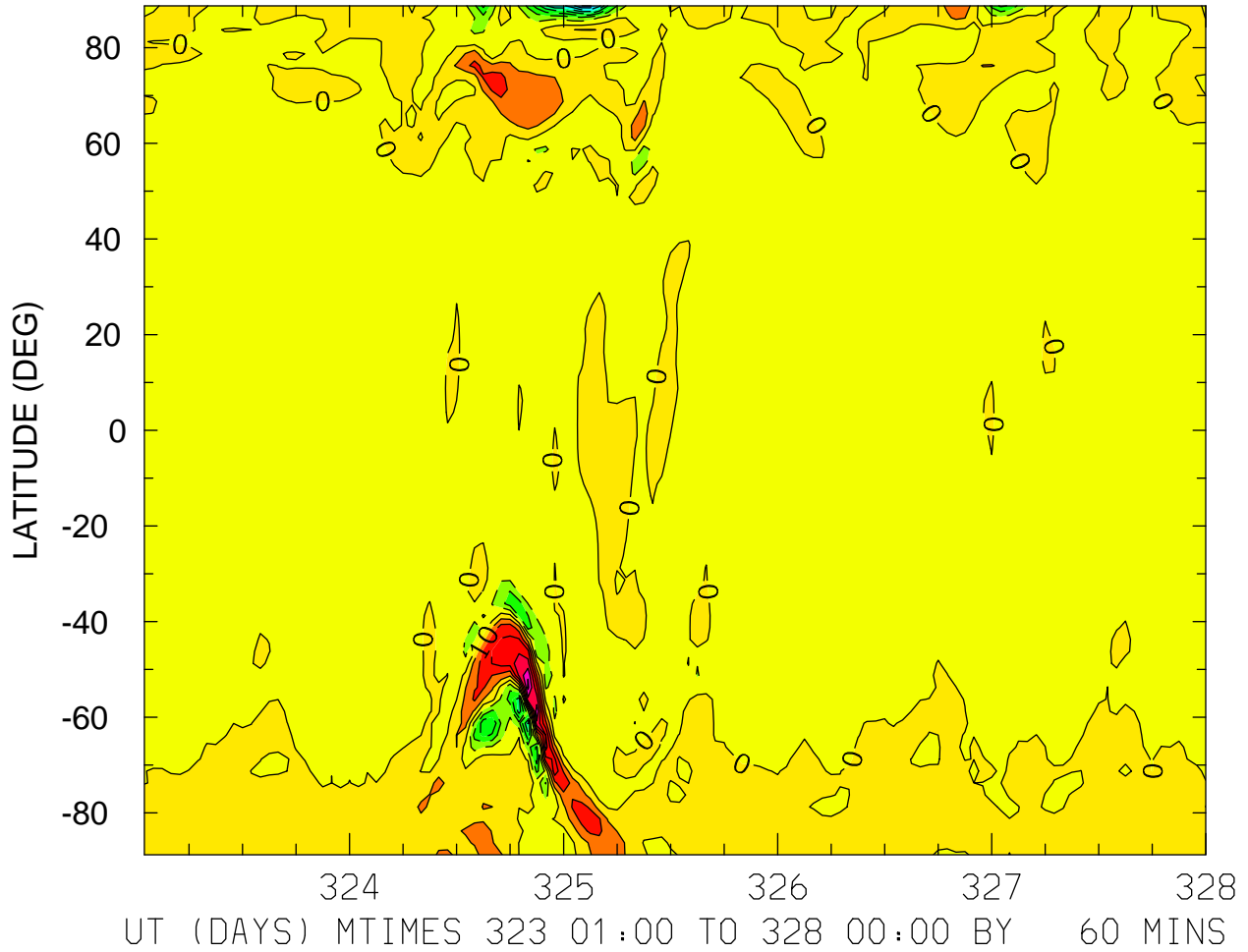
MIN,MAX= -2.3065E+00 5.5066E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
ZP = -4.000 ZONAL MEANS



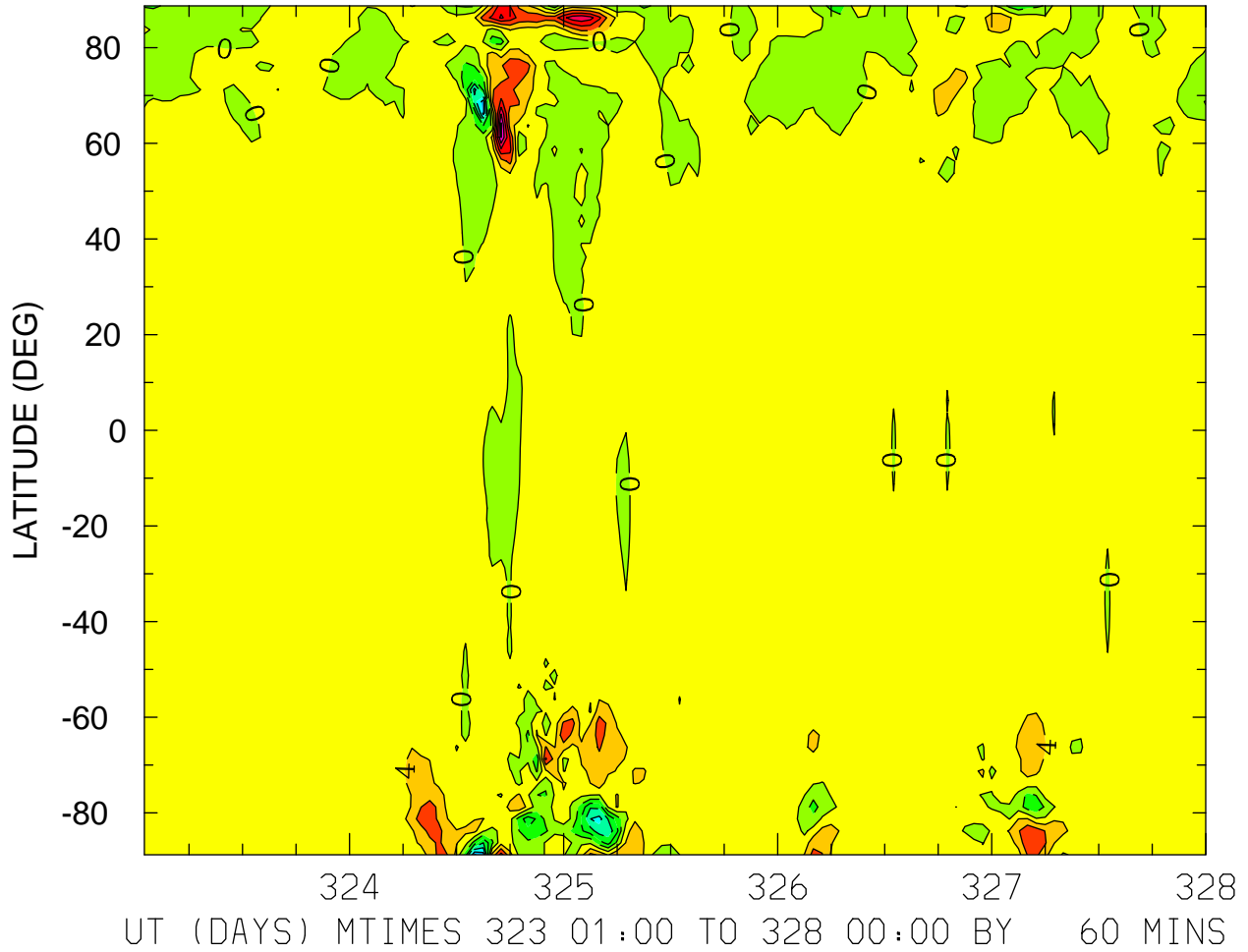
MIN,MAX= -1.7087E+00 4.8782E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
ZP = 0.000 LOCAL TIME = 0.00



MIN,MAX= -8.0910E+01 6.2684E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

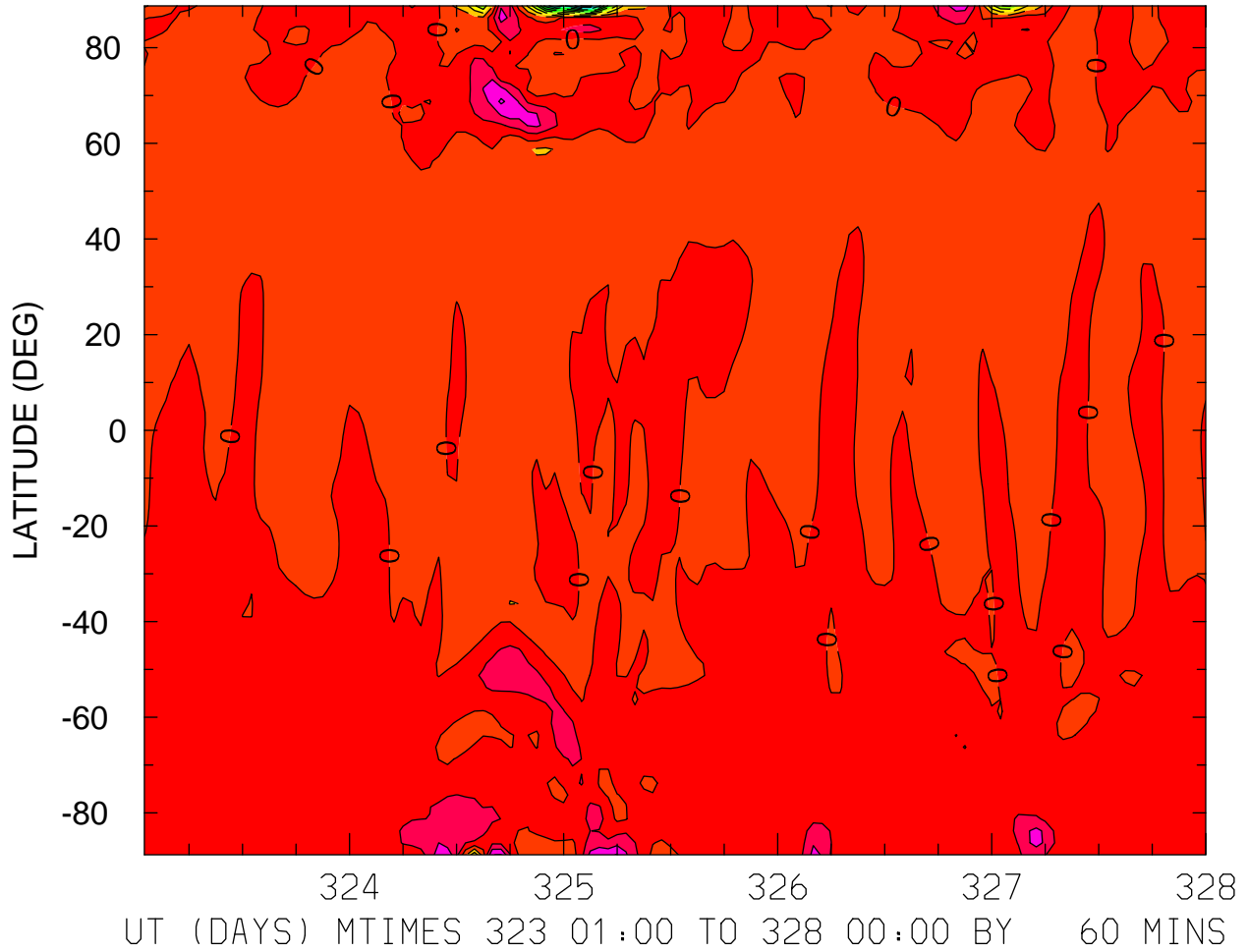
NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
ZP = 0.000 LOCAL TIME = 12.00



MIN,MAX= -2.4369E+01 2.5216E+01 INTERVAL= 4.0000E+00  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

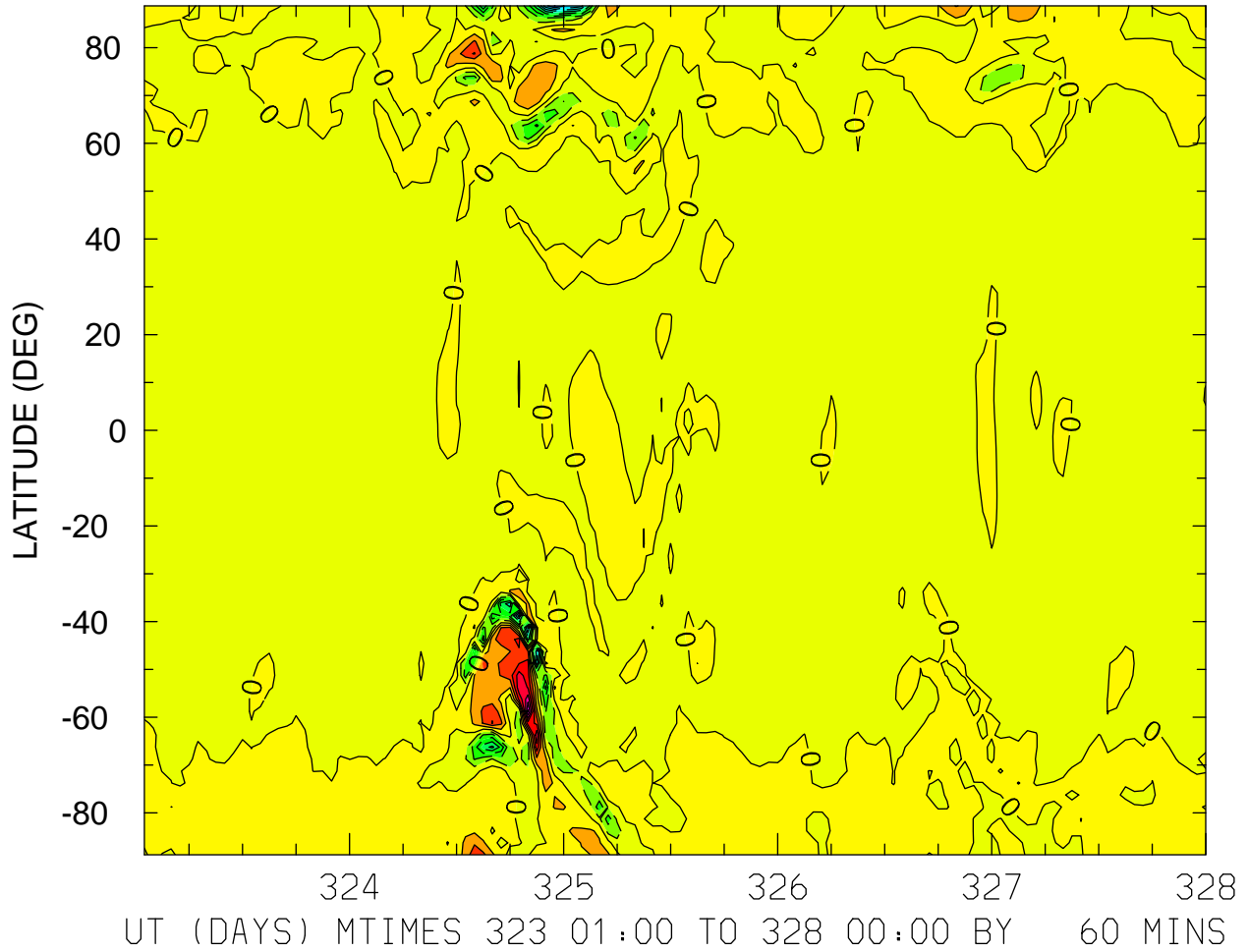


NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
ZP = 0.000 ZONAL MEANS



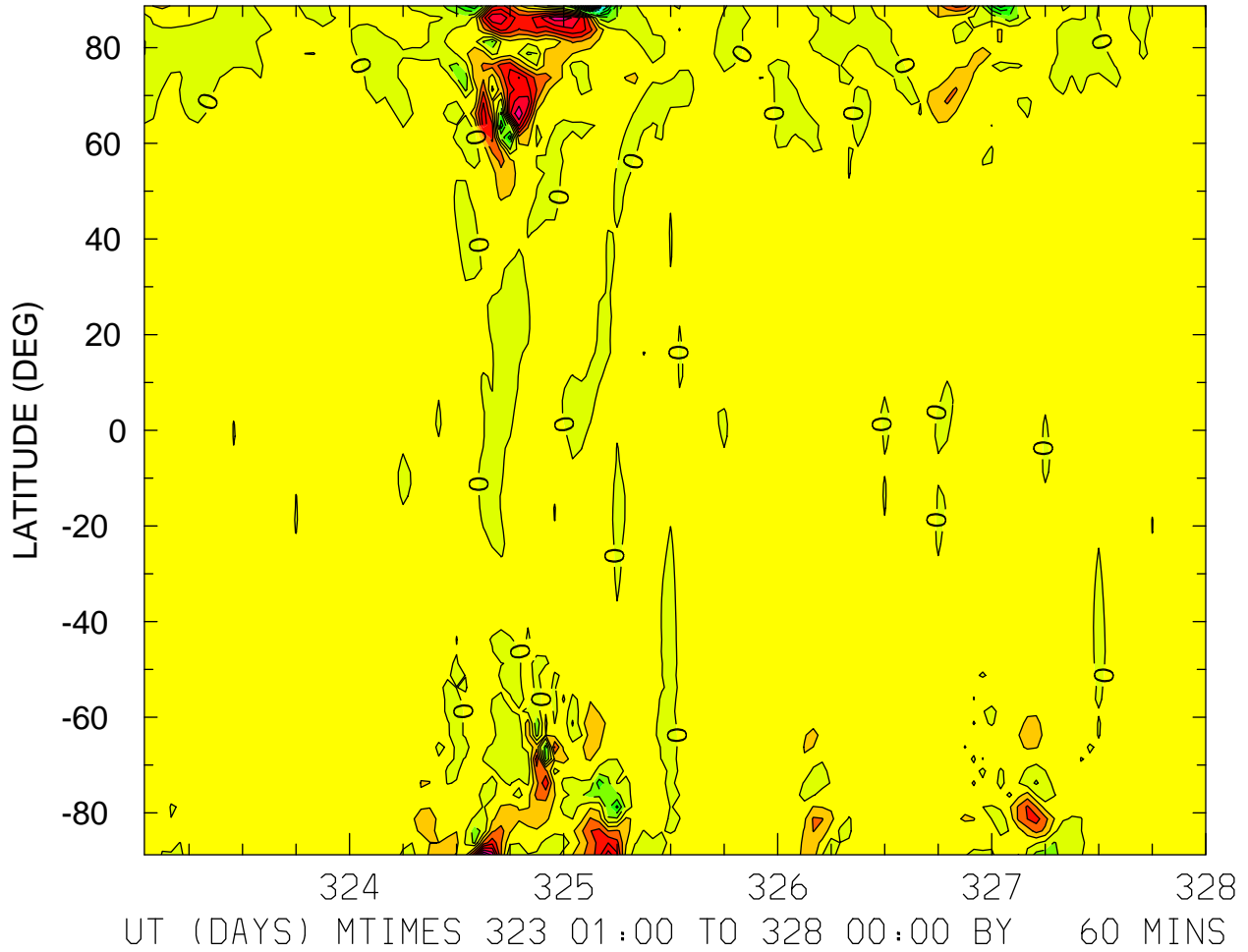
MIN,MAX= -3.7063E+01 1.2788E+01 INTERVAL= 4.0000E+00  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
ZP = 4.000 LOCAL TIME = 0.00



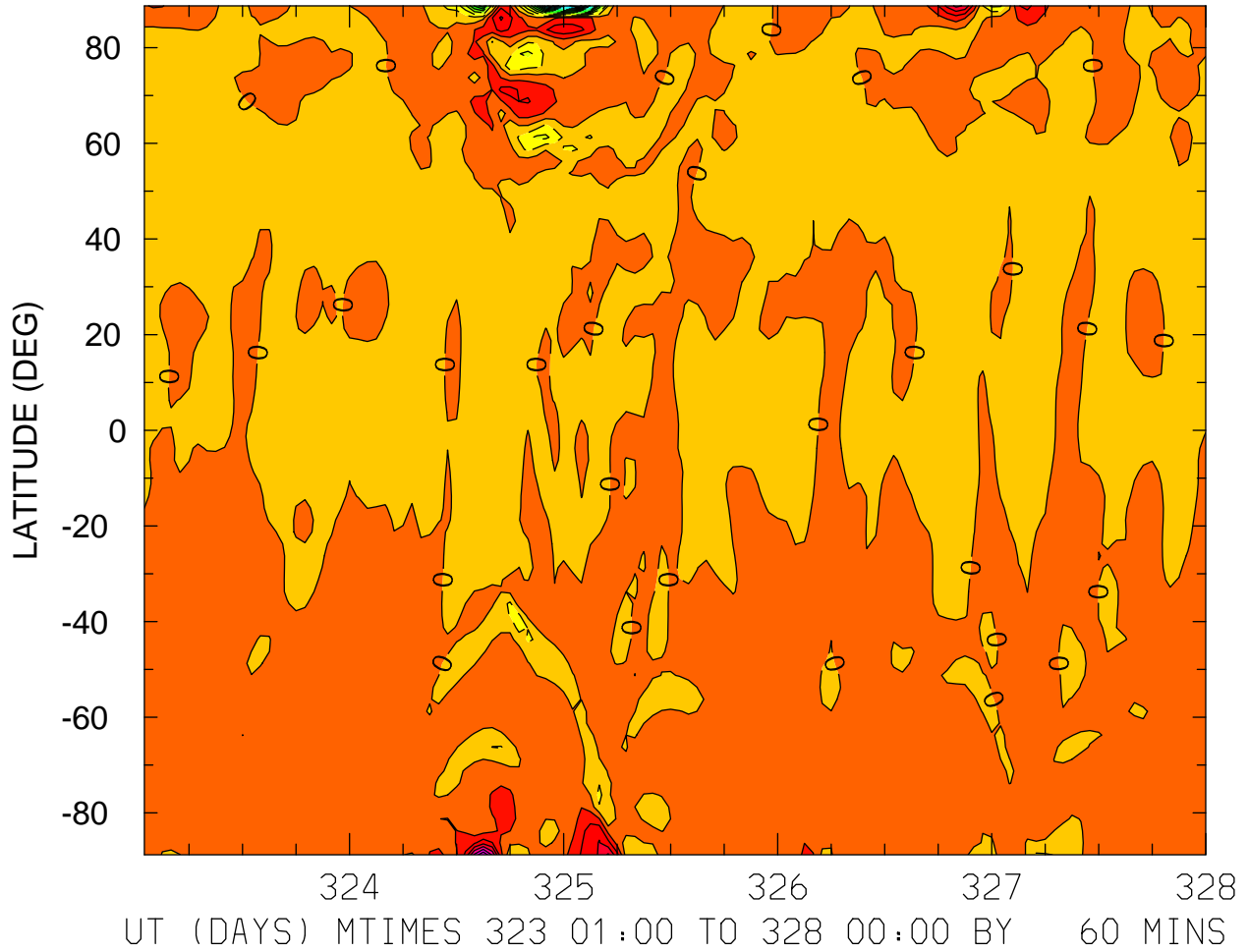
MIN,MAX= -2.2618E+02 1.7887E+02 INTERVAL= 2.5000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
ZP = 4.000 LOCAL TIME = 12.00



MIN,MAX= -1.0338E+02 8.5169E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

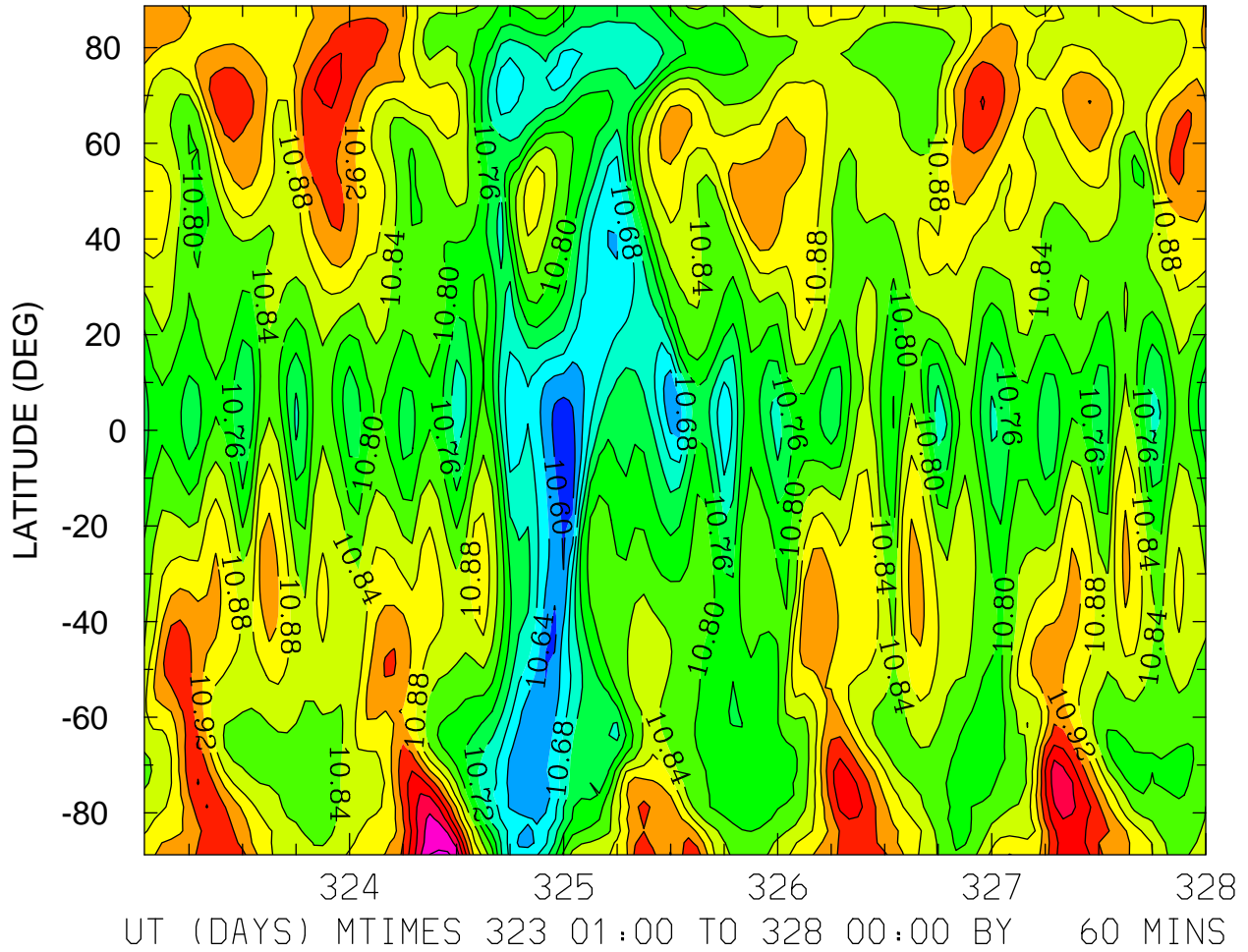
NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
ZP = 4.000 ZONAL MEANS



MIN,MAX= -1.2101E+02 6.9970E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

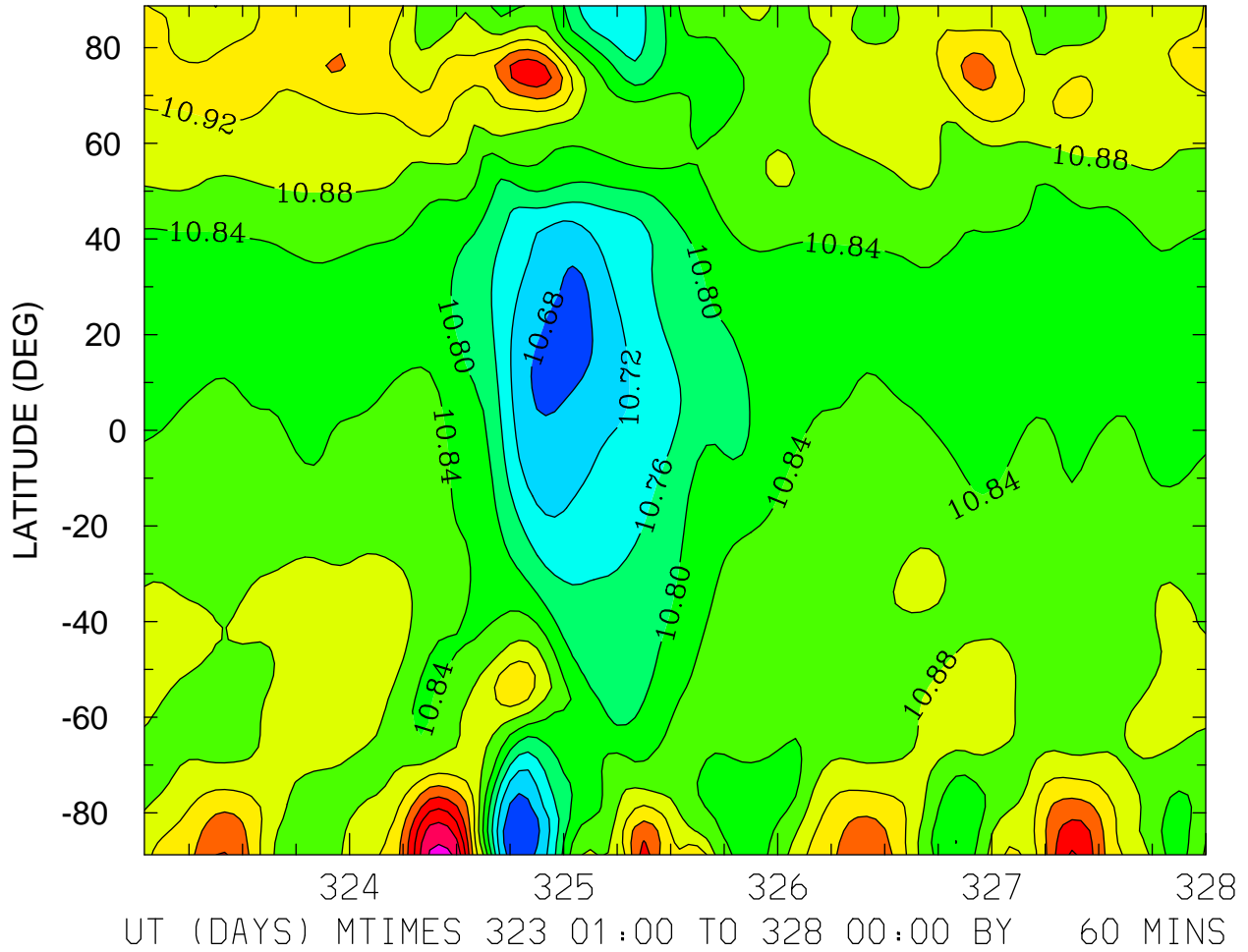


LOG10 MOLECULAR OXYGEN (CM3)  
ZP = -4.125 LOCAL TIME = 12.00



MIN,MAX= 1.0573E+01 1.1127E+01 INTERVAL= 4.0000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
ZP = -4.125 ZONAL MEANS

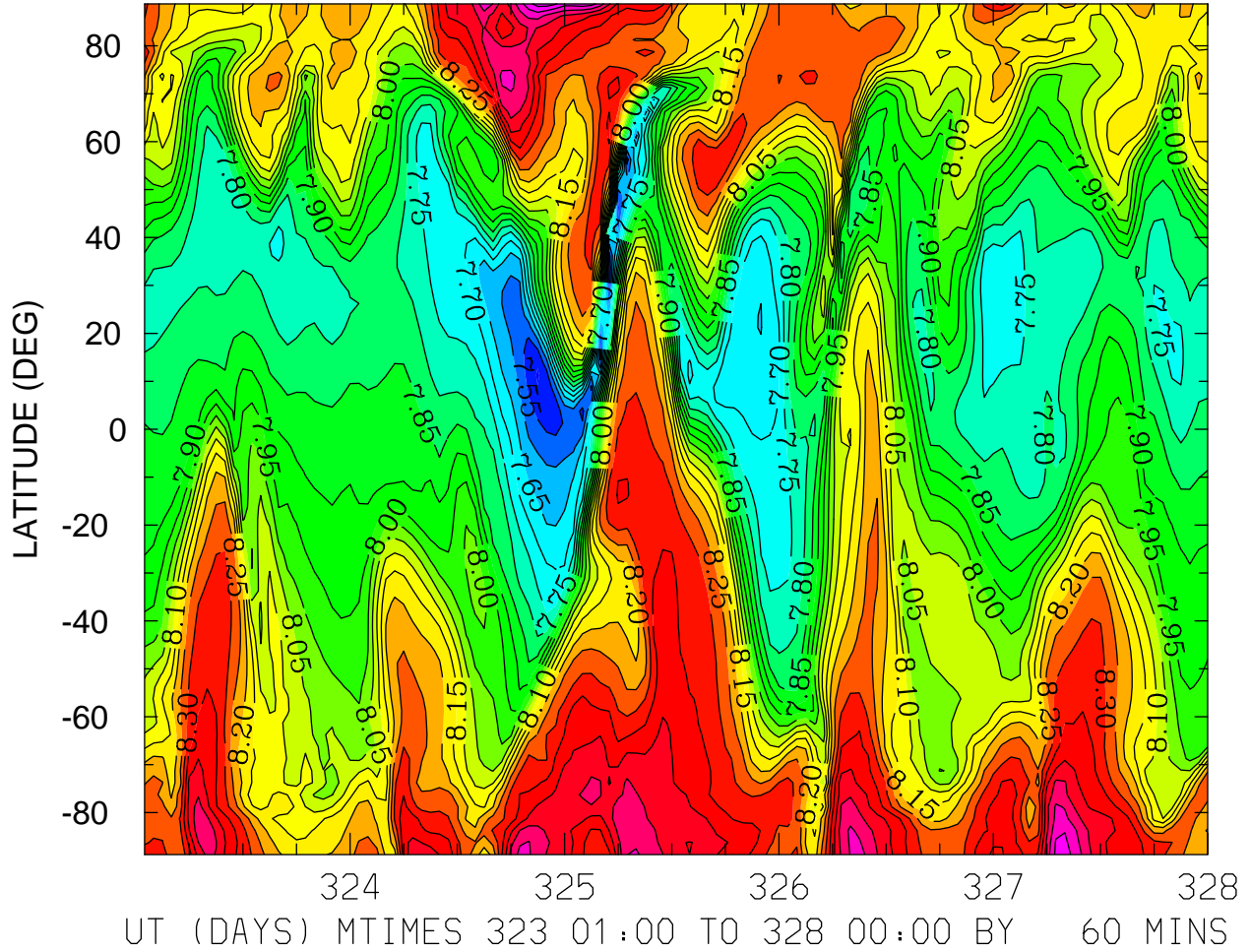


MIN,MAX= 1.0641E+01 1.1129E+01 INTERVAL= 4.0000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc



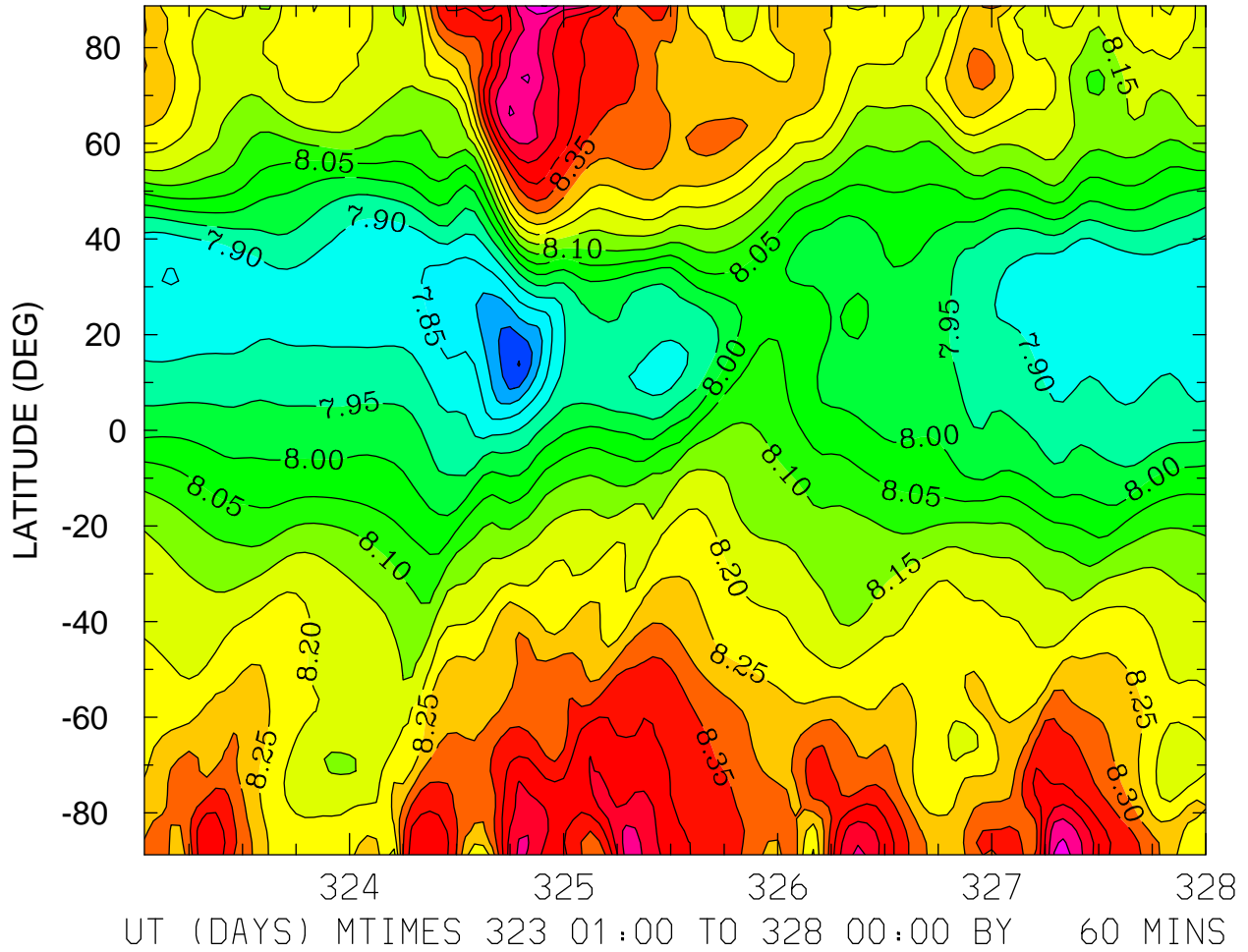


LOG10 MOLECULAR OXYGEN (CM3)  
ZP = -0.125 LOCAL TIME = 12.00



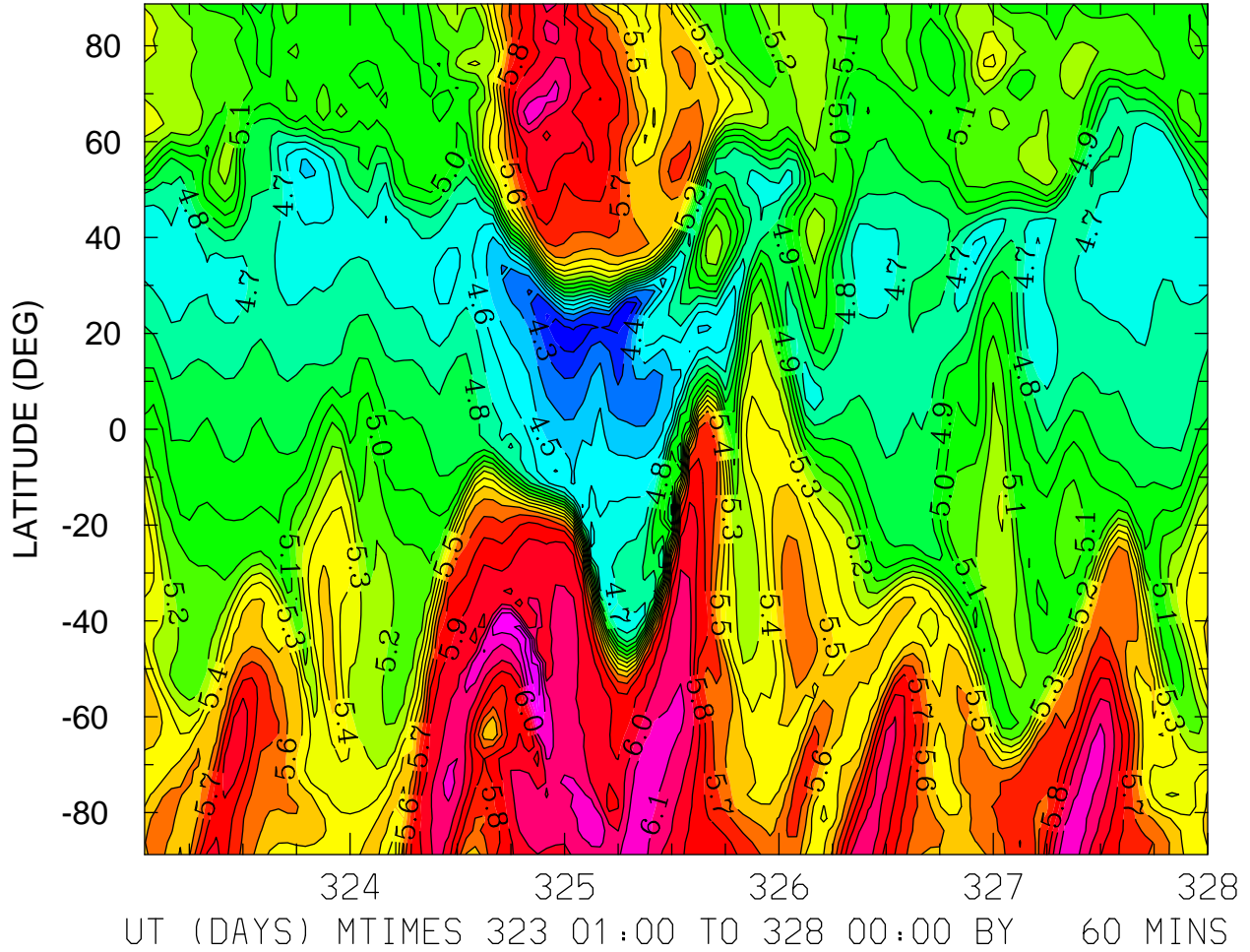
MIN,MAX= 7.4938E+00 8.6277E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
ZP = -0.125 ZONAL MEANS



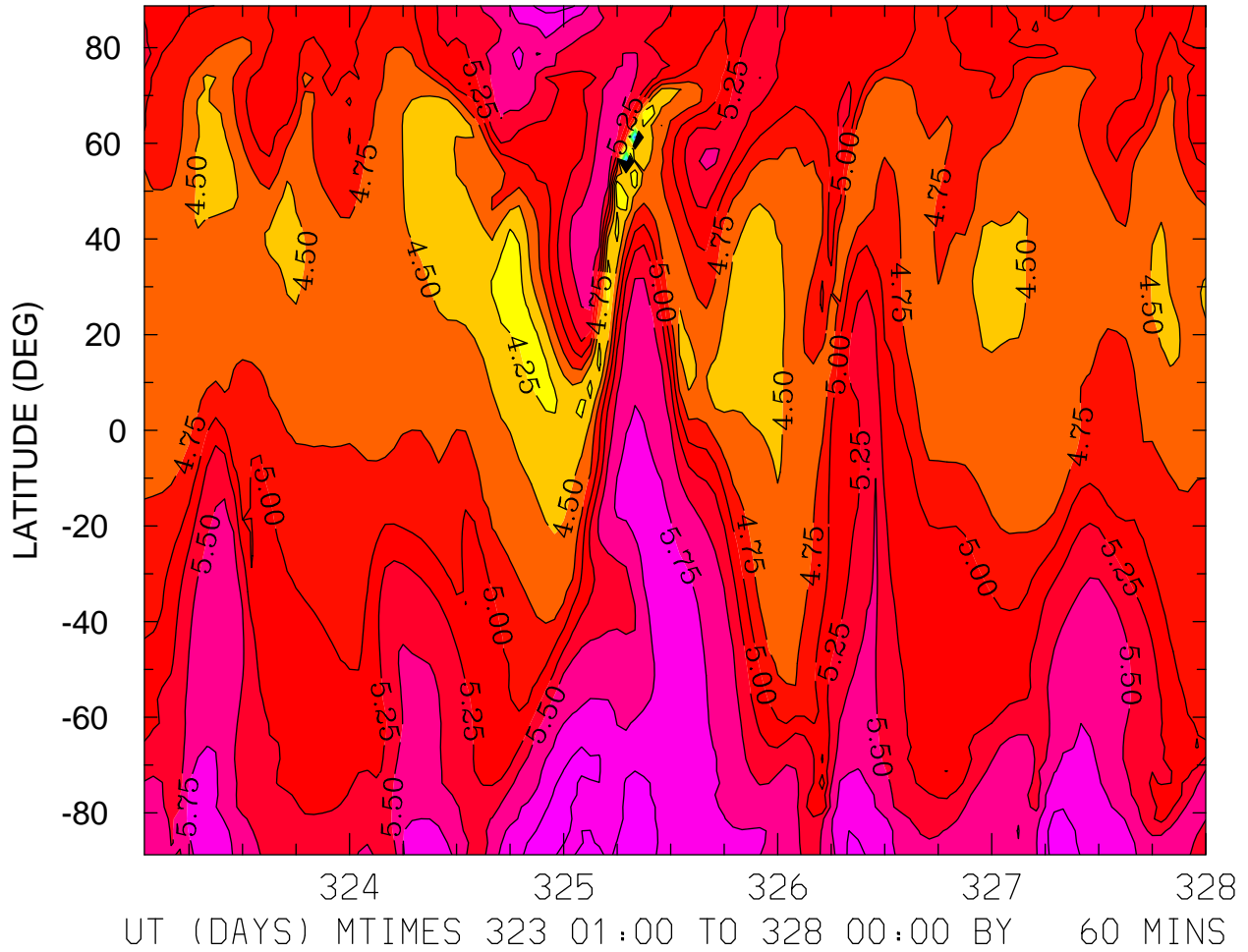
MIN,MAX= 7.6975E+00 8.6035E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
ZP = 3.875 LOCAL TIME = 0.00



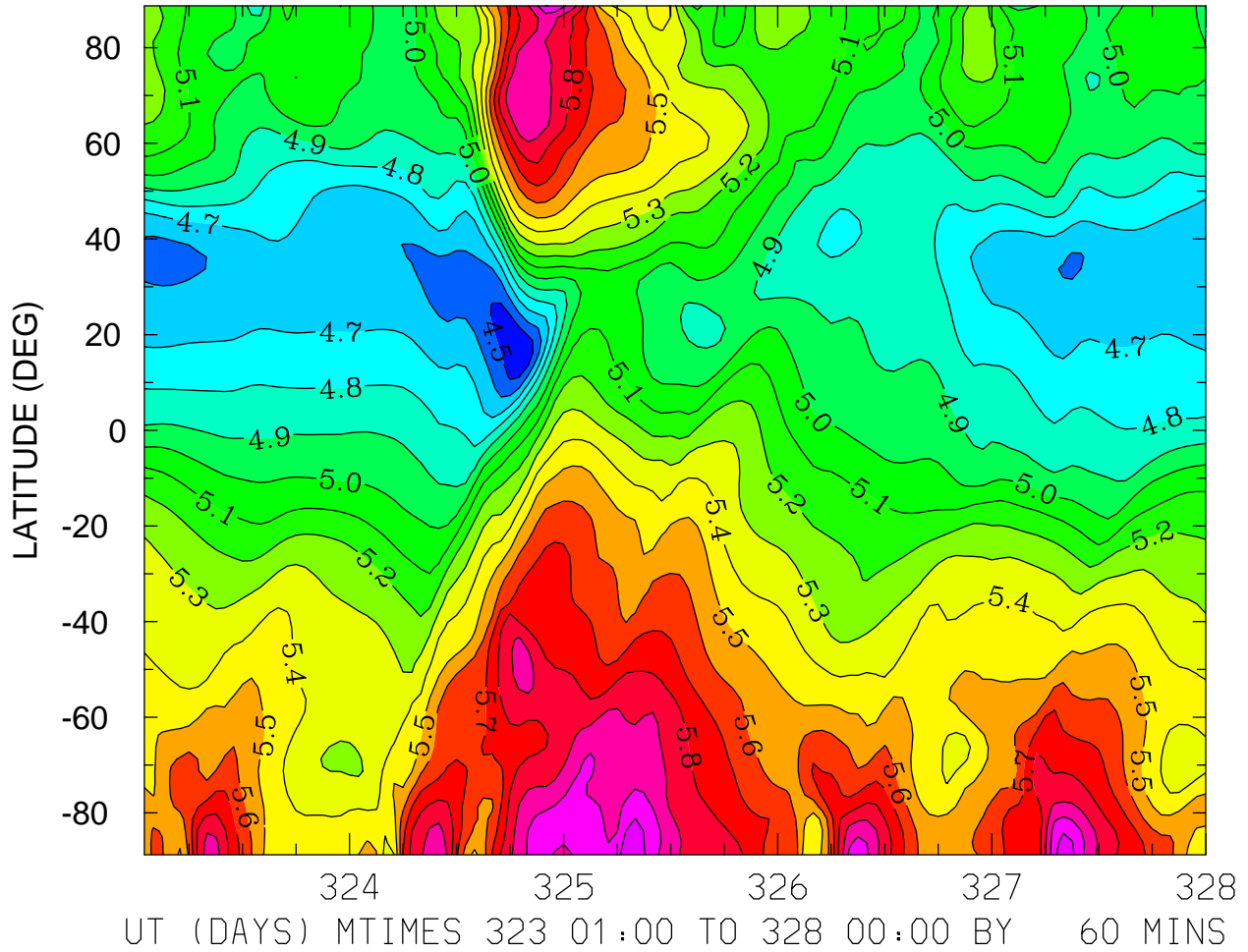
MIN,MAX= 4.1264E+00 6.3933E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
ZP = 3.875 LOCAL TIME = 12.00



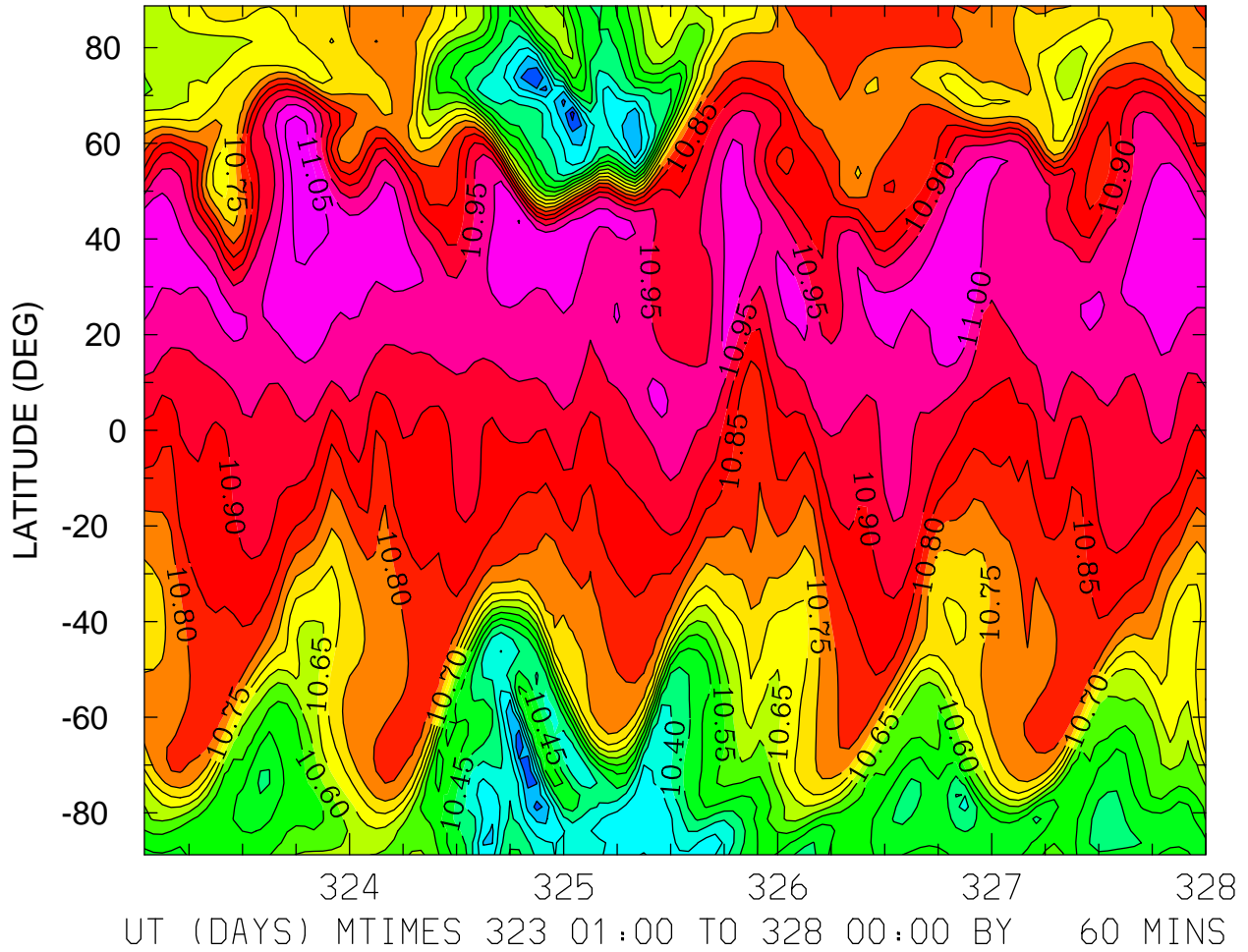
MIN,MAX= 1.4698E+00 6.1724E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
ZP = 3.875 ZONAL MEANS



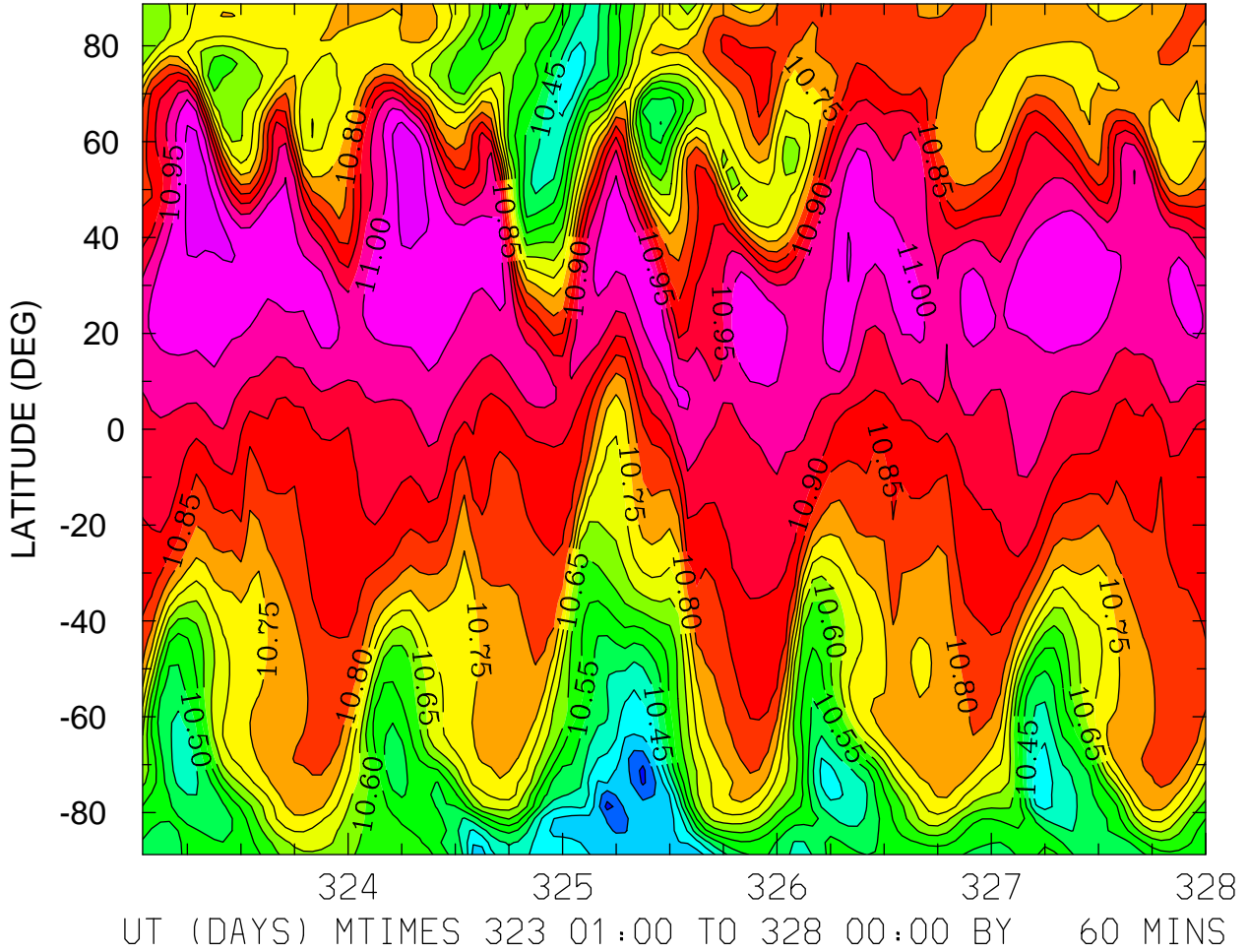
MIN,MAX= 4.4178E+00 6.1716E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
ZP = -4.125 LOCAL TIME = 0.00



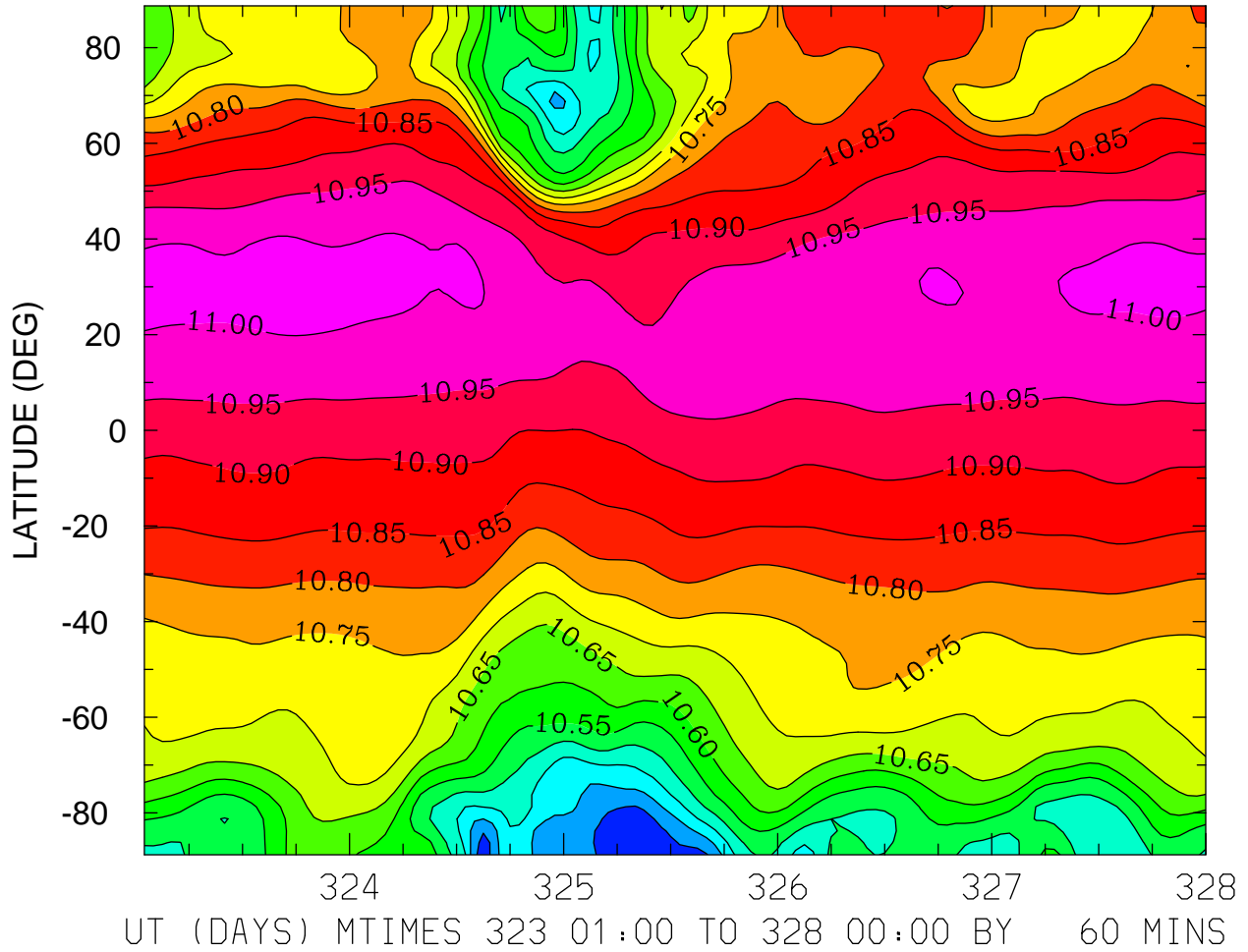
MIN,MAX= 1.0177E+01 1.1082E+01 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
ZP = -4.125 LOCAL TIME = 12.00



MIN,MAX= 1.0233E+01 1.1091E+01 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

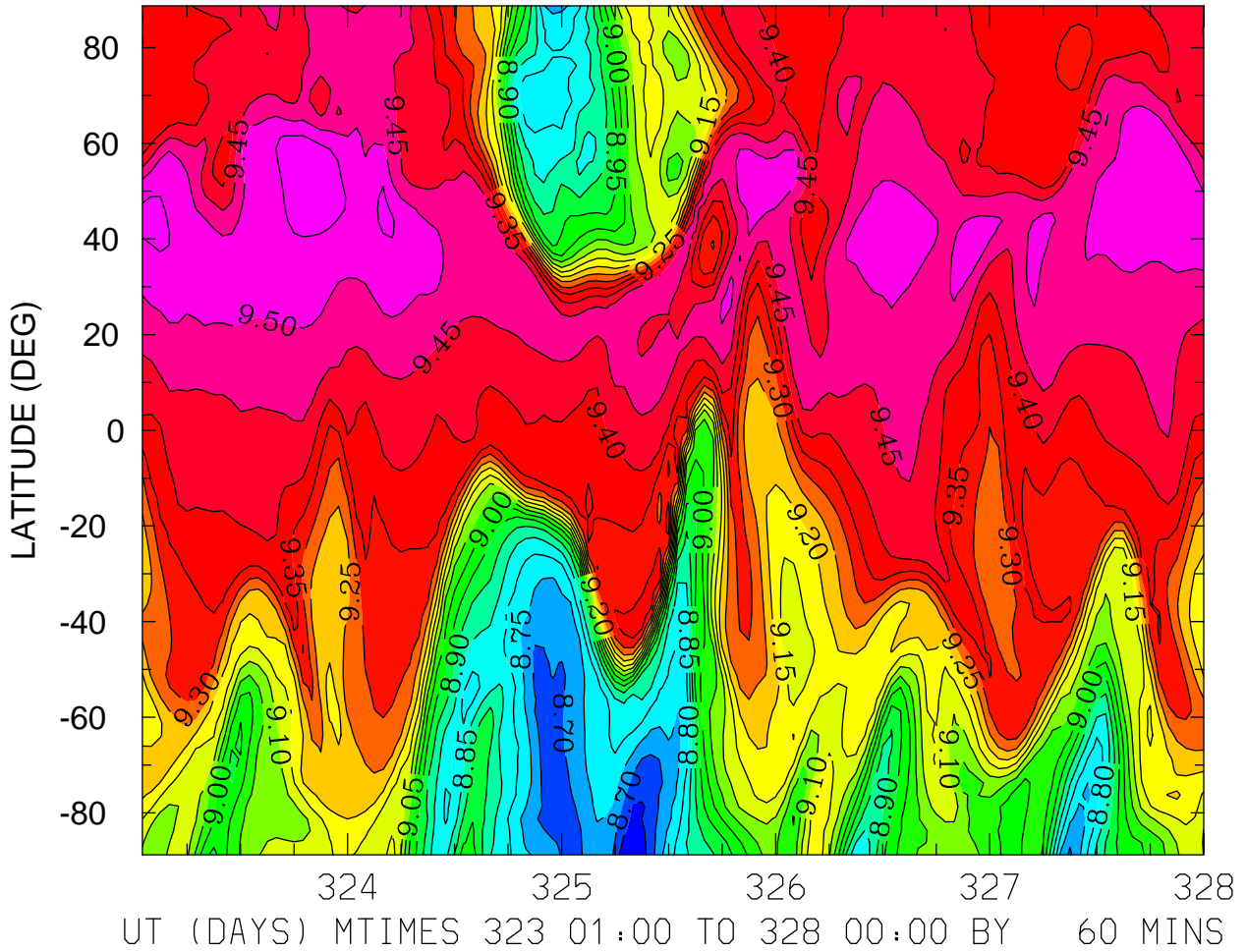
LOG10 ATOMIC OXYGEN (CM3)  
ZP = -4.125 ZONAL MEANS



MIN,MAX= 1.0323E+01 1.1017E+01 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

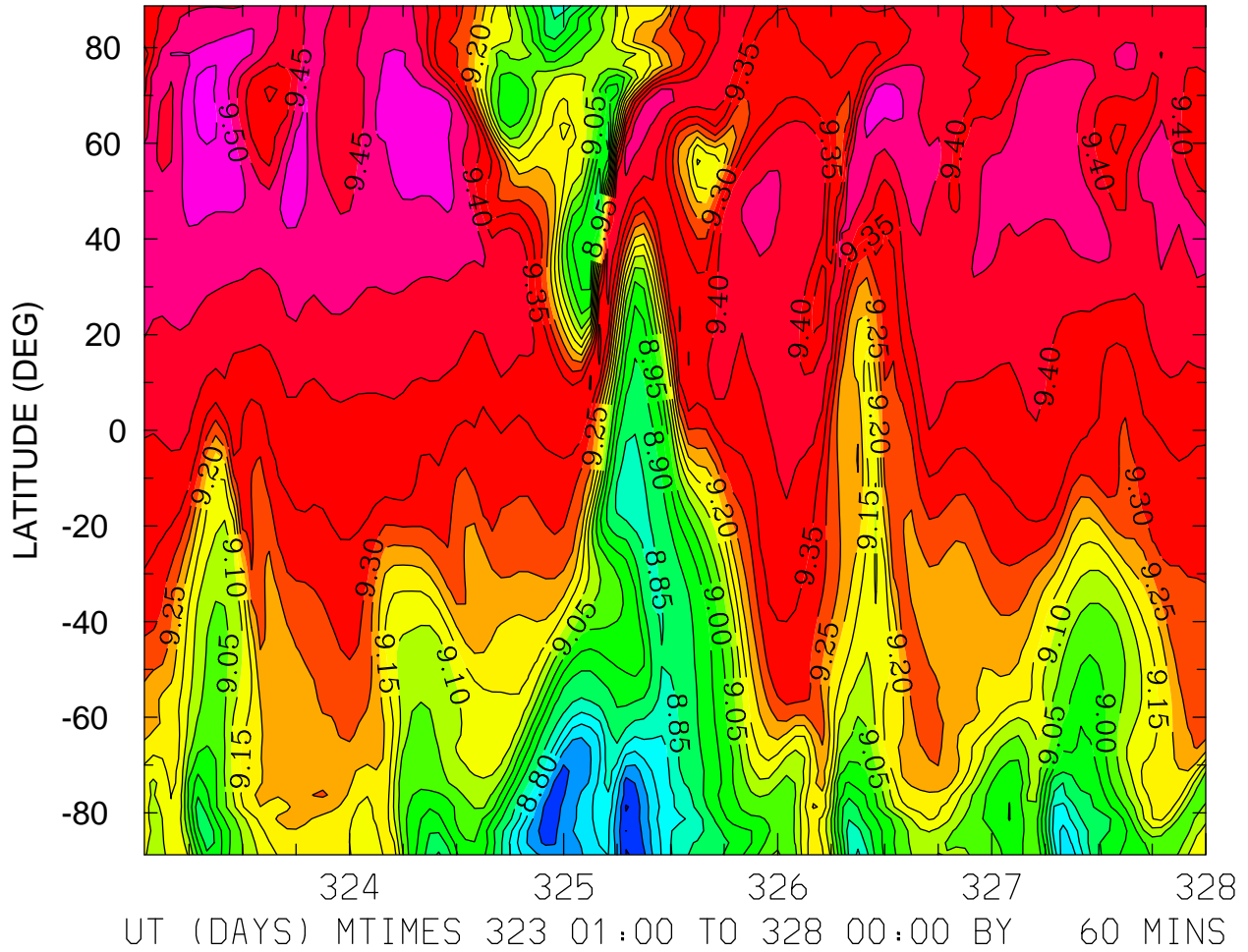


LOG10 ATOMIC OXYGEN (CM3)  
ZP = -0.125 LOCAL TIME = 0.00



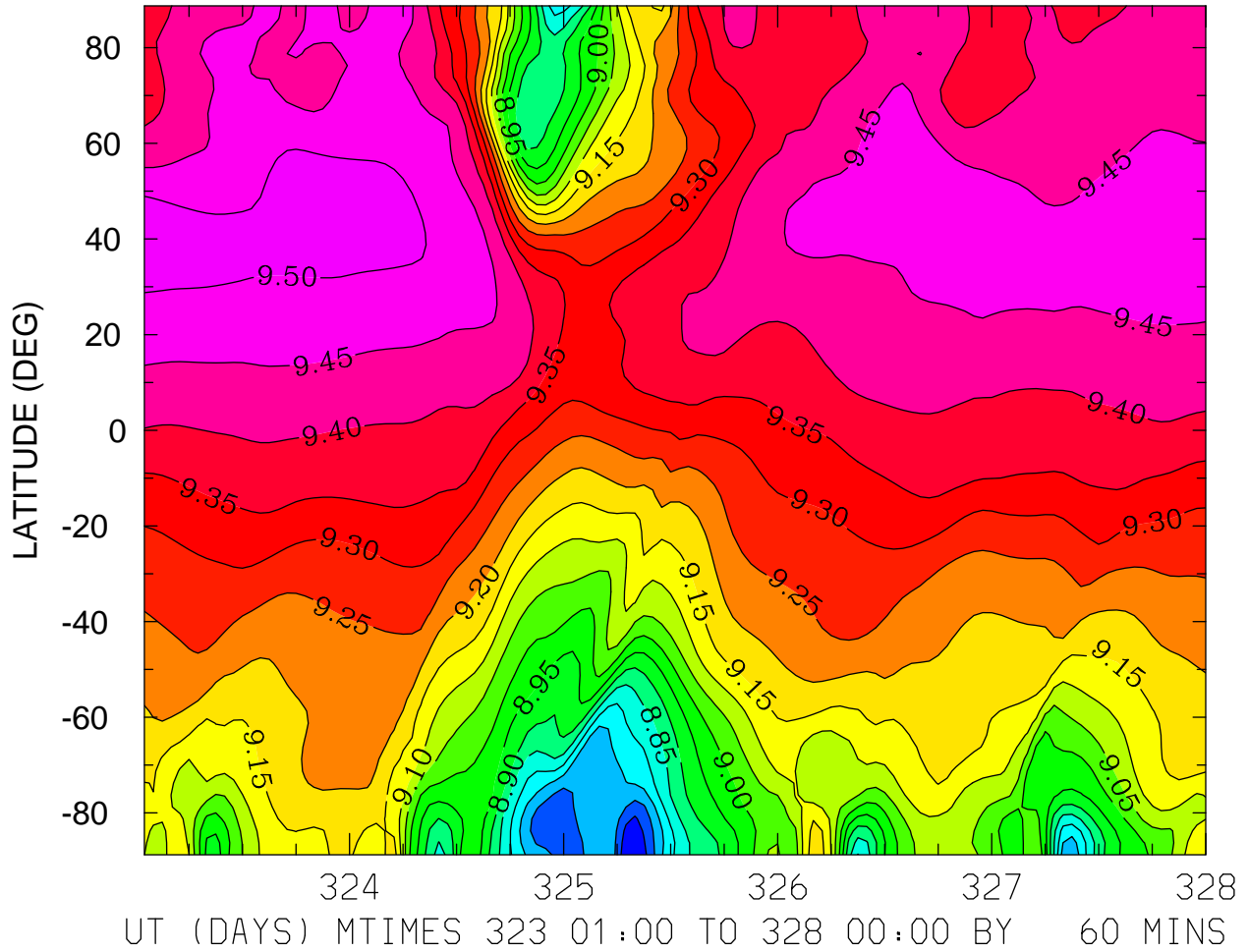
MIN,MAX= 8.6027E+00 9.5910E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
ZP = -0.125 LOCAL TIME = 12.00



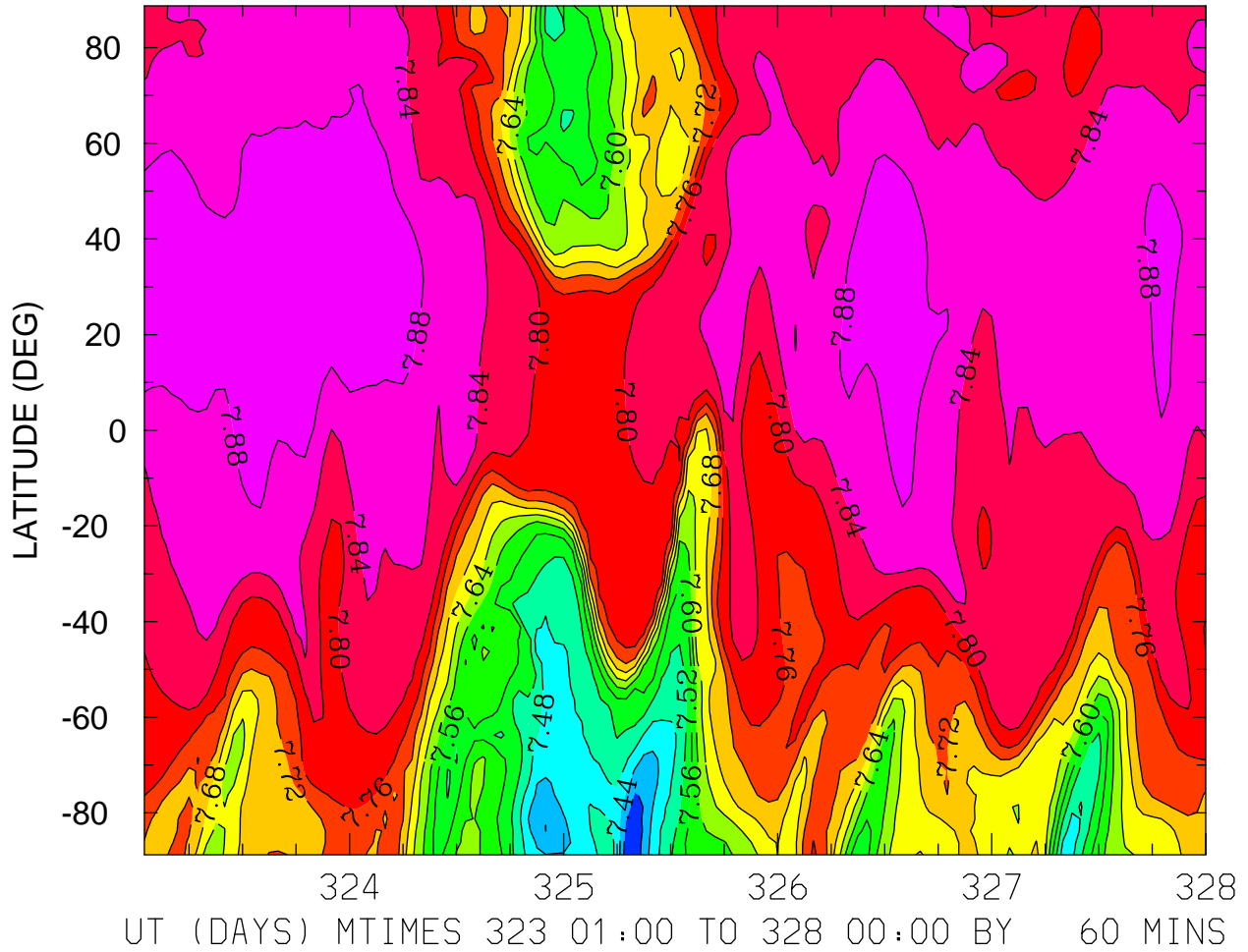
MIN,MAX= 8.5941E+00 9.5636E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
ZP = -0.125 ZONAL MEANS



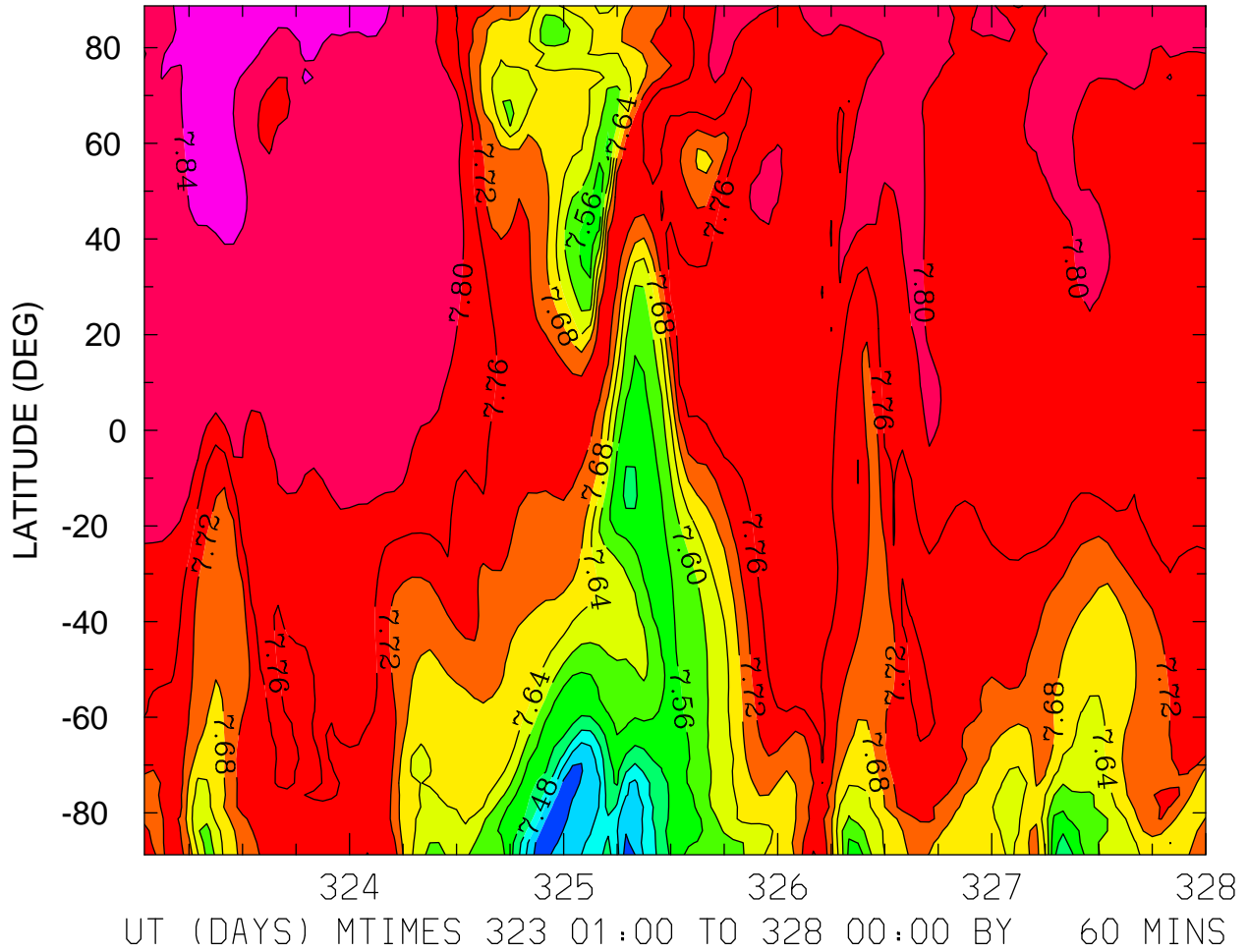
MIN,MAX= 8.6021E+00 9.5294E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
ZP = 3.875 LOCAL TIME = 0.00



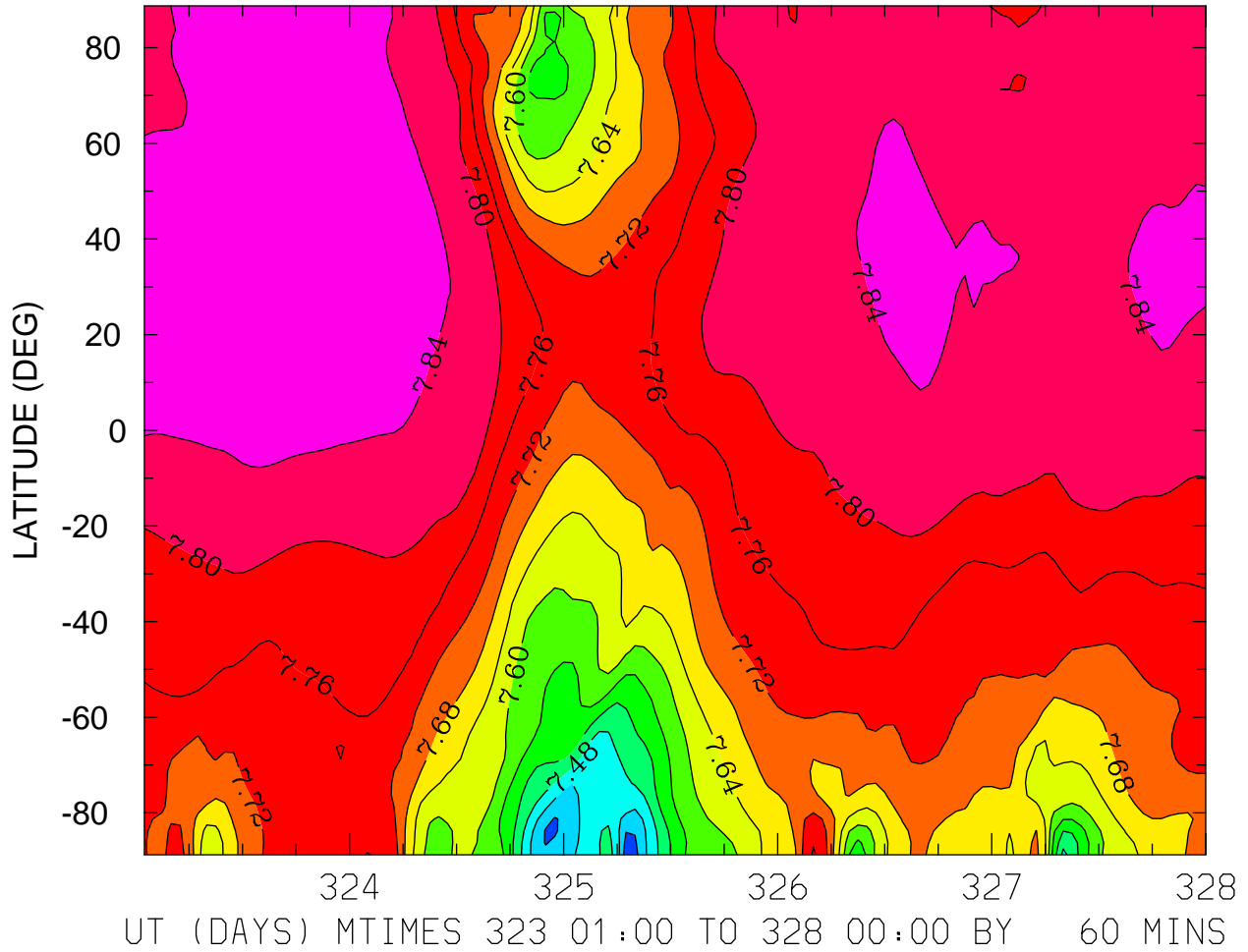
MIN,MAX= 7.3724E+00 7.9161E+00 INTERVAL= 4.0000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
ZP = 3.875 LOCAL TIME = 12.00



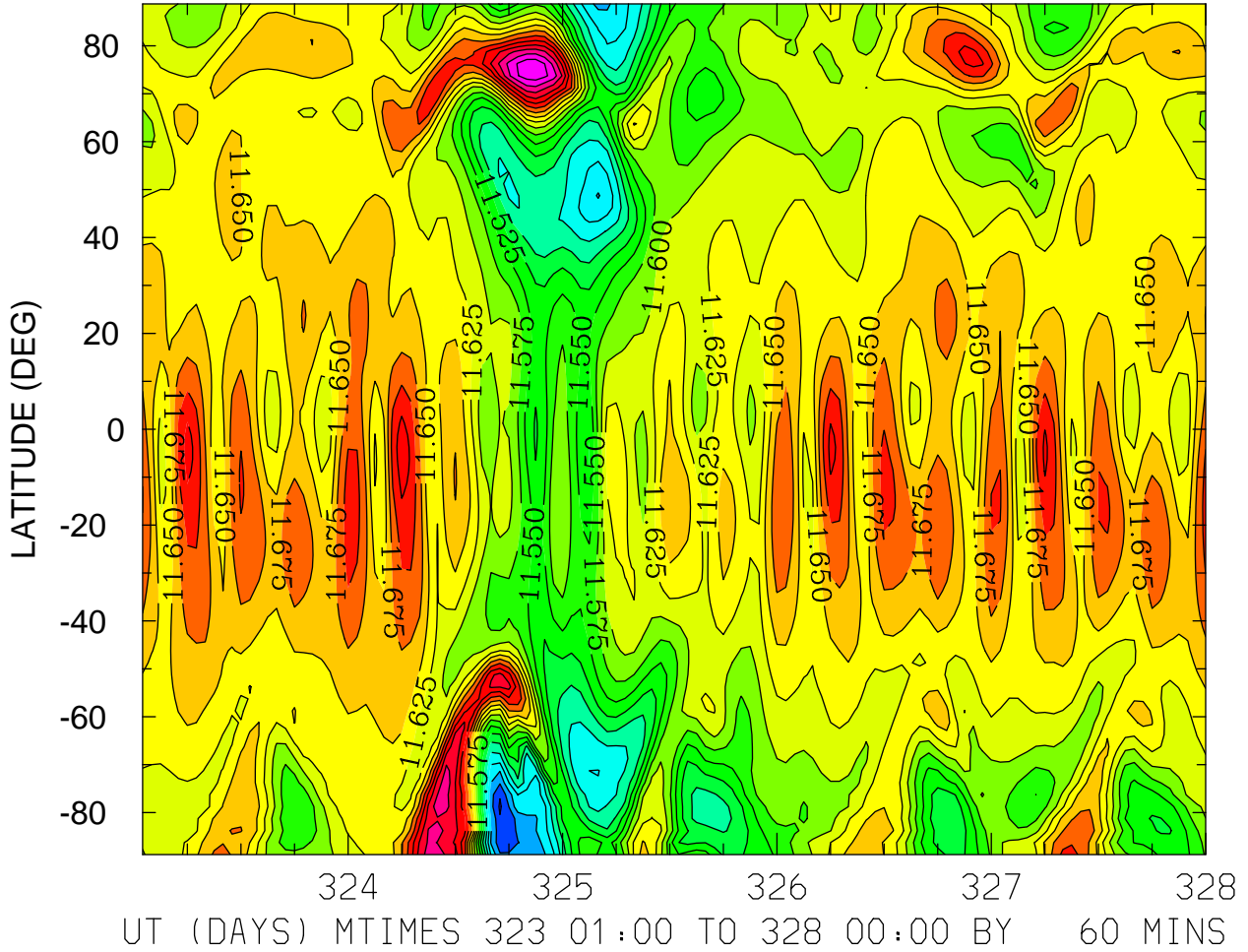
MIN,MAX= 7.3690E+00 7.8605E+00 INTERVAL= 4.0000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
ZP = 3.875 ZONAL MEANS



MIN,MAX= 7.3786E+00 7.8766E+00 INTERVAL= 4.0000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
ZP = -4.125 LOCAL TIME = 0.00

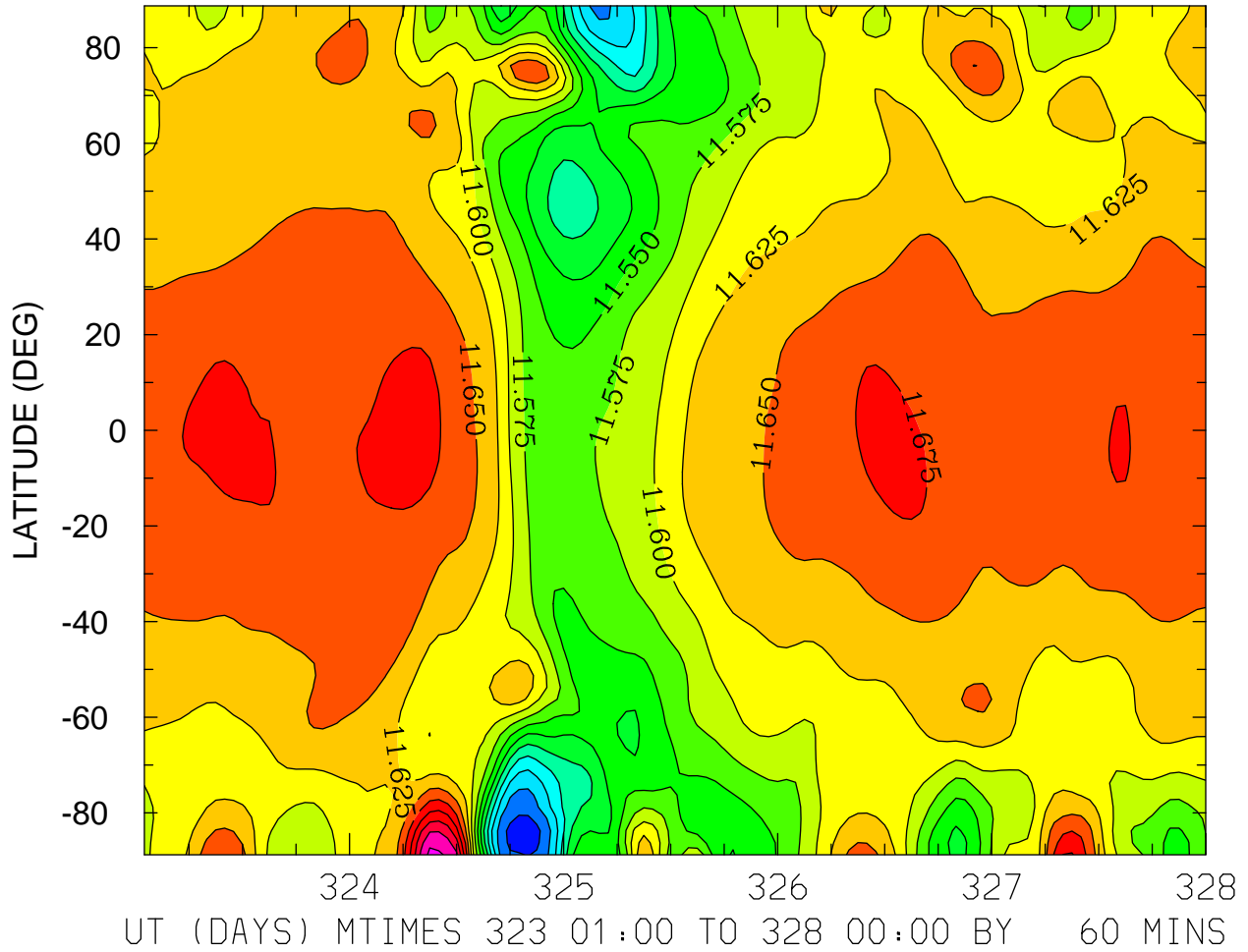


MIN,MAX= 1.1371E+01 1.1845E+01 INTERVAL= 2.5000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc





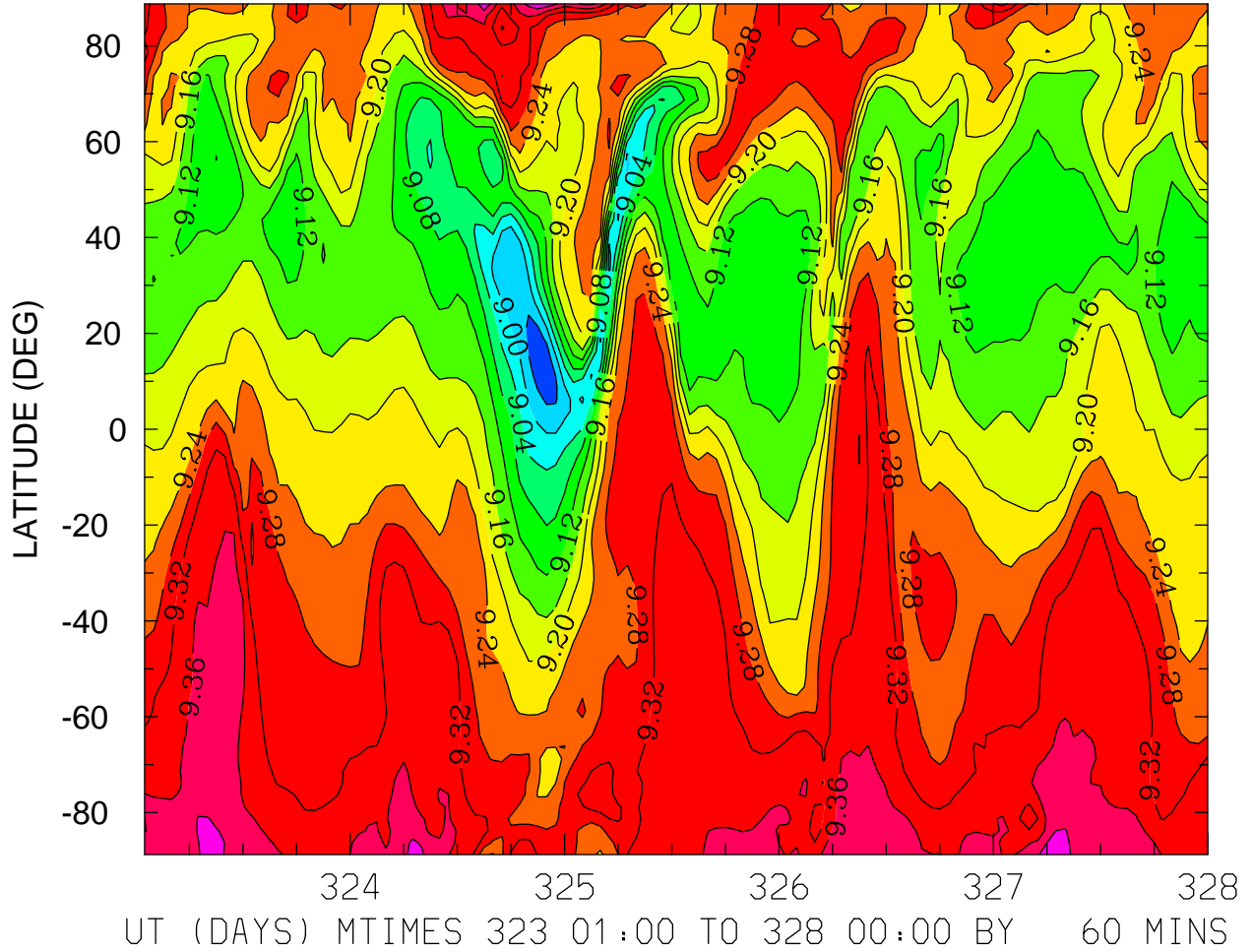
LOG10 MOLECULAR NITROGEN (CM3)  
ZP = -4.125 ZONAL MEANS



MIN,MAX= 1.1386E+01 1.1782E+01 INTERVAL= 2.5000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

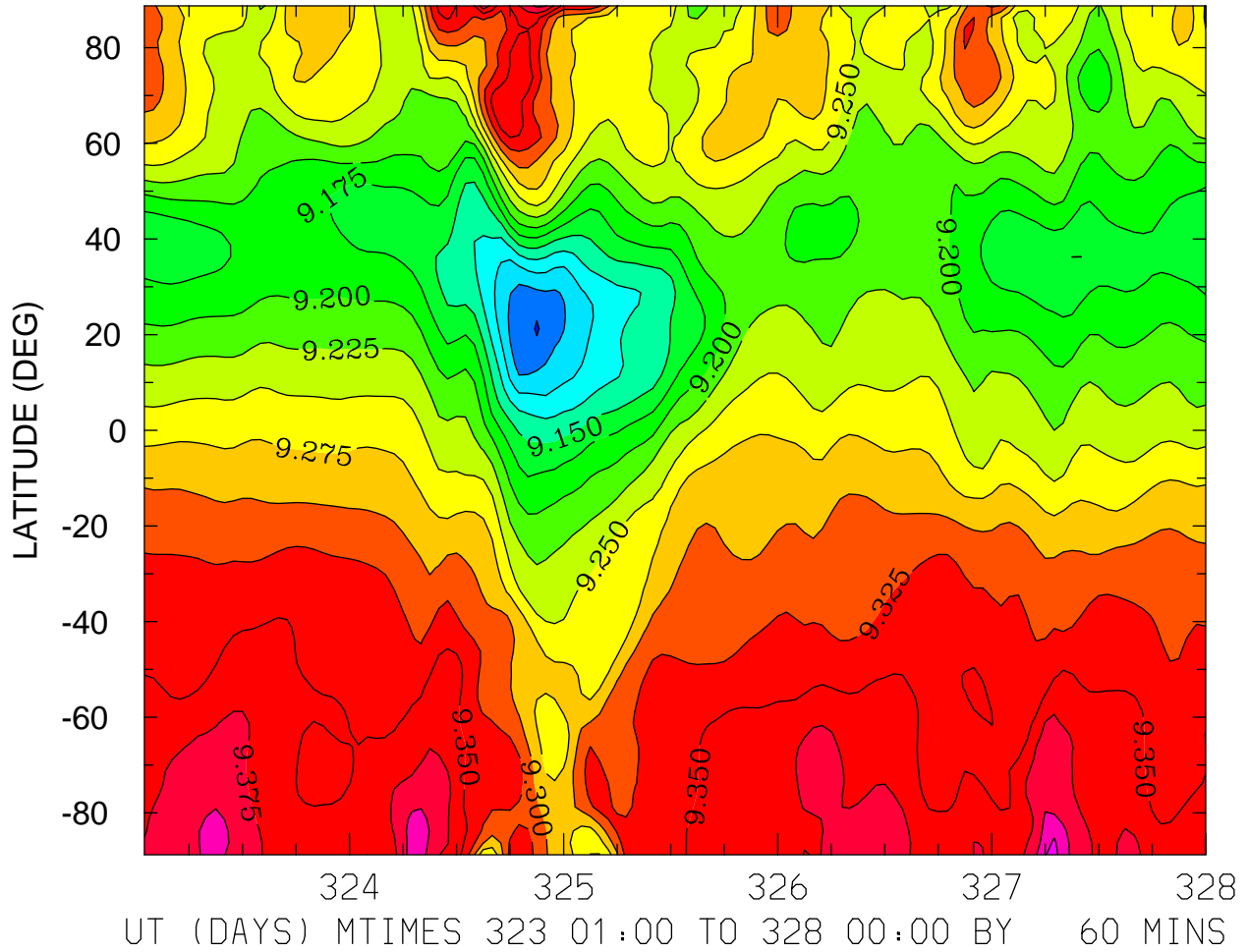


LOG10 MOLECULAR NITROGEN (CM3)  
ZP = -0.125 LOCAL TIME = 12.00



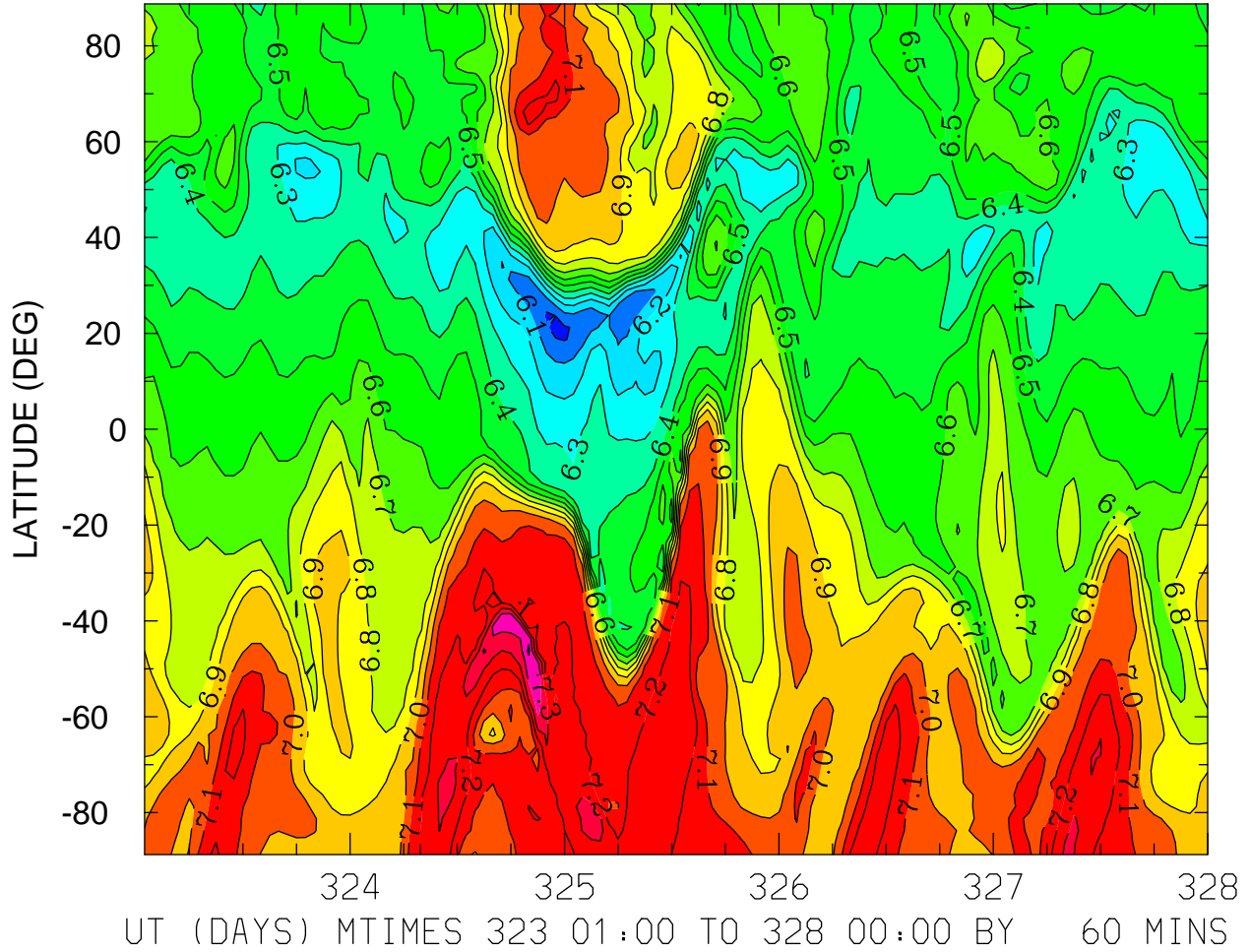
MIN,MAX= 8.9307E+00 9.4335E+00 INTERVAL= 4.0000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
ZP = -0.125 ZONAL MEANS



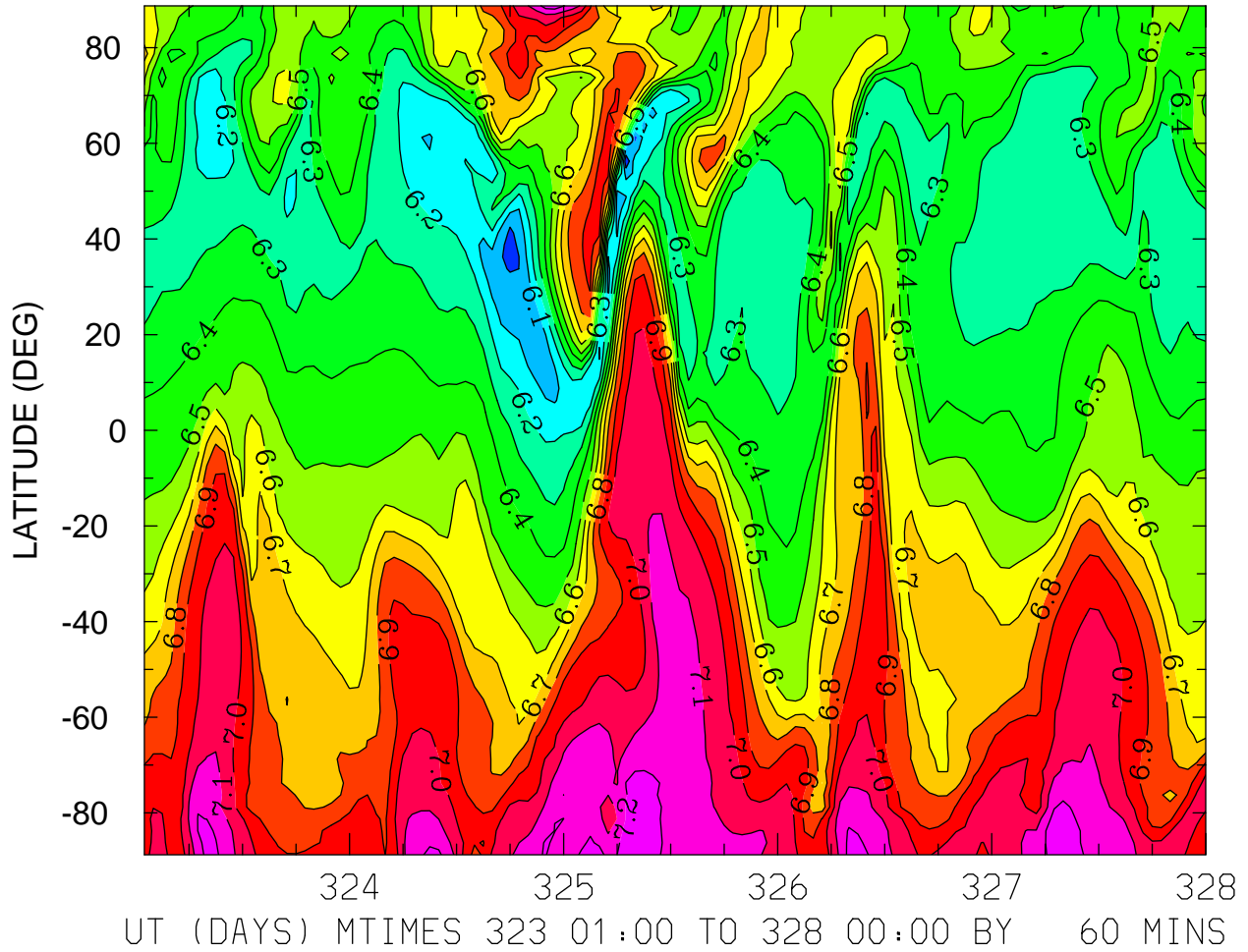
MIN,MAX= 9.0484E+00 9.4336E+00 INTERVAL= 2.5000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
ZP = 3.875 LOCAL TIME = 0.00



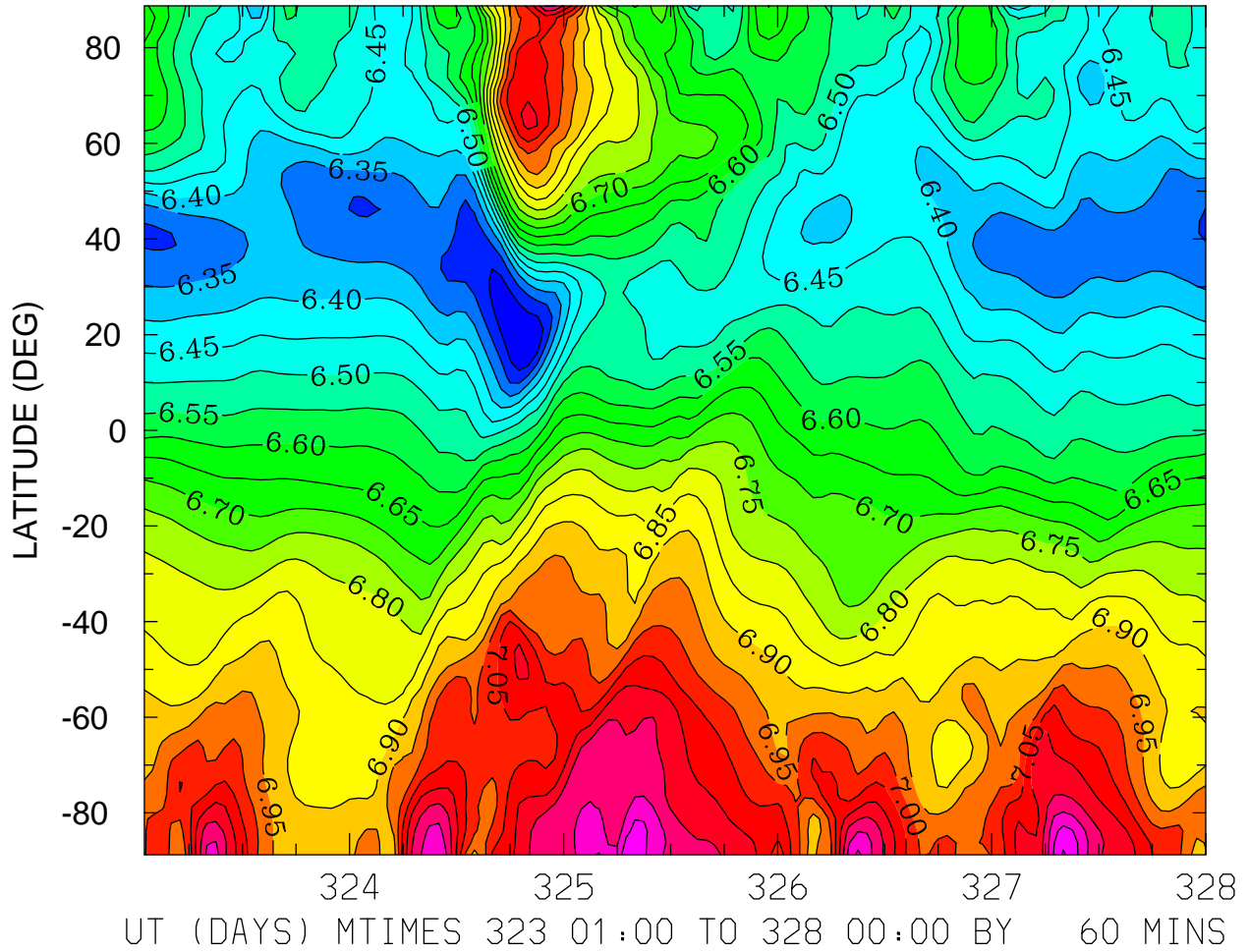
MIN,MAX= 5.9710E+00 7.5226E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
ZP = 3.875 LOCAL TIME = 12.00



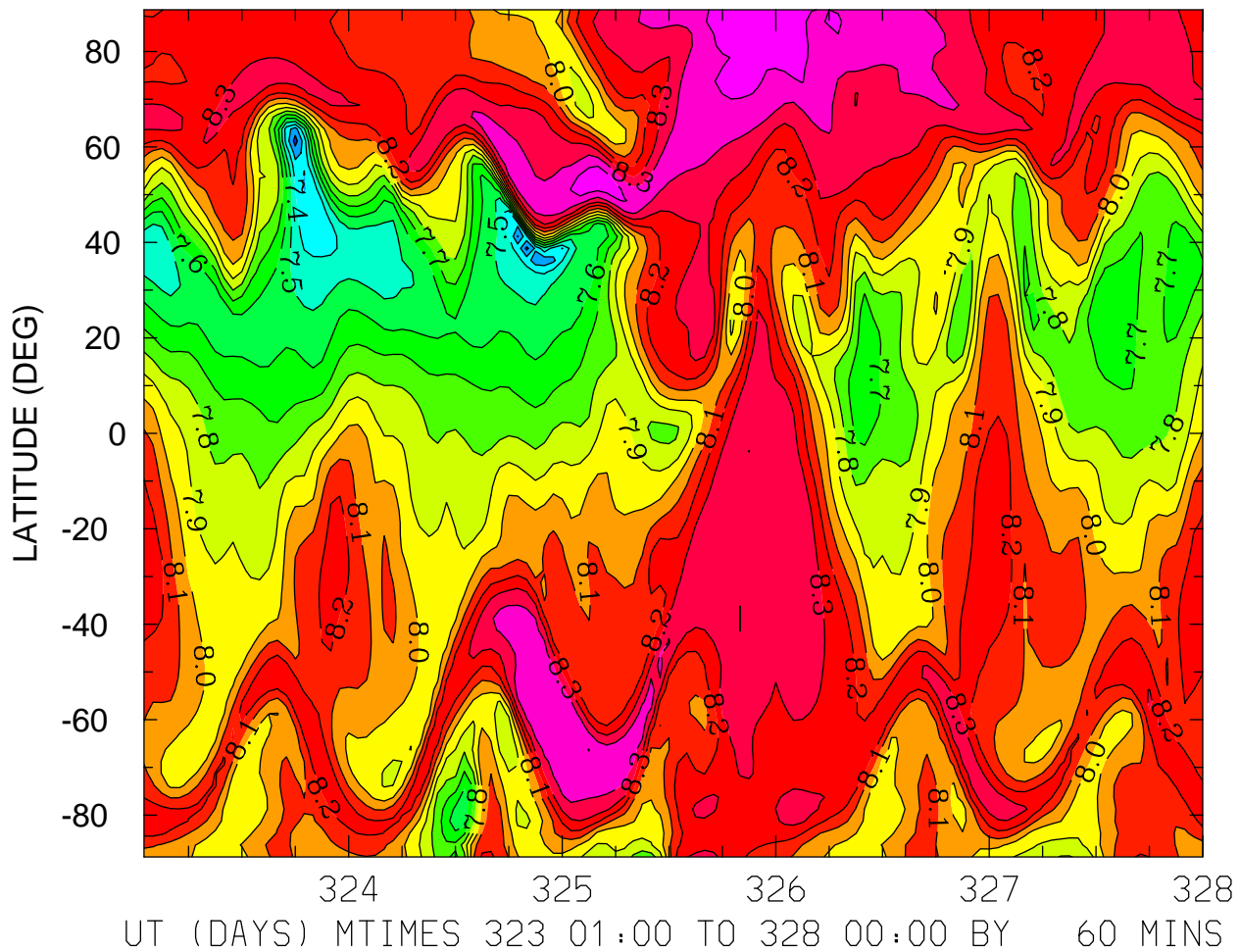
MIN,MAX= 5.9141E+00 7.2971E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
ZP = 3.875 ZONAL MEANS



MIN,MAX= 6.2011E+00 7.3059E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

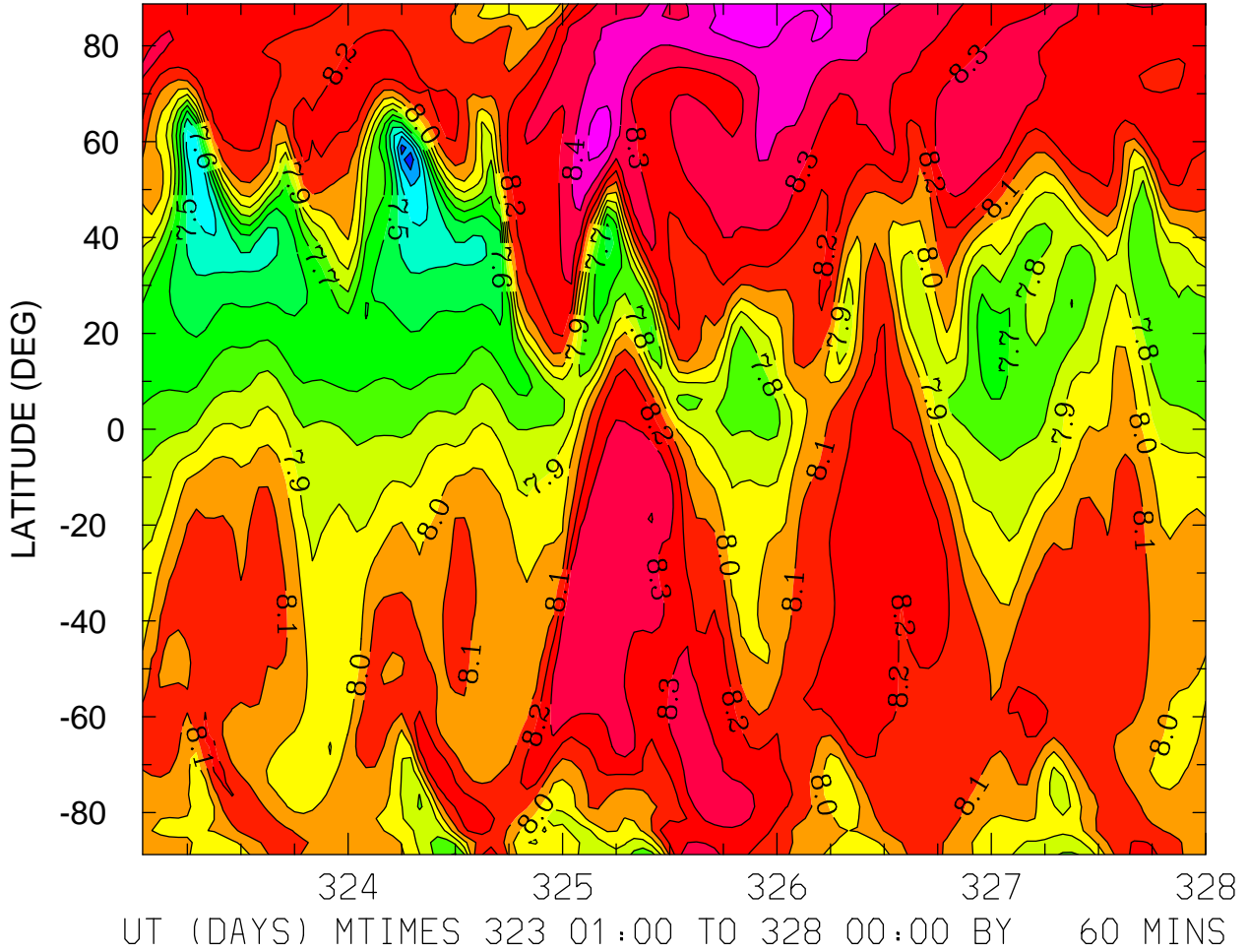
LOG10 NITRIC OXIDE (CM3)  
ZP = -4.125 LOCAL TIME = 0.00



MIN,MAX= 7.1570E+00 8.5645E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

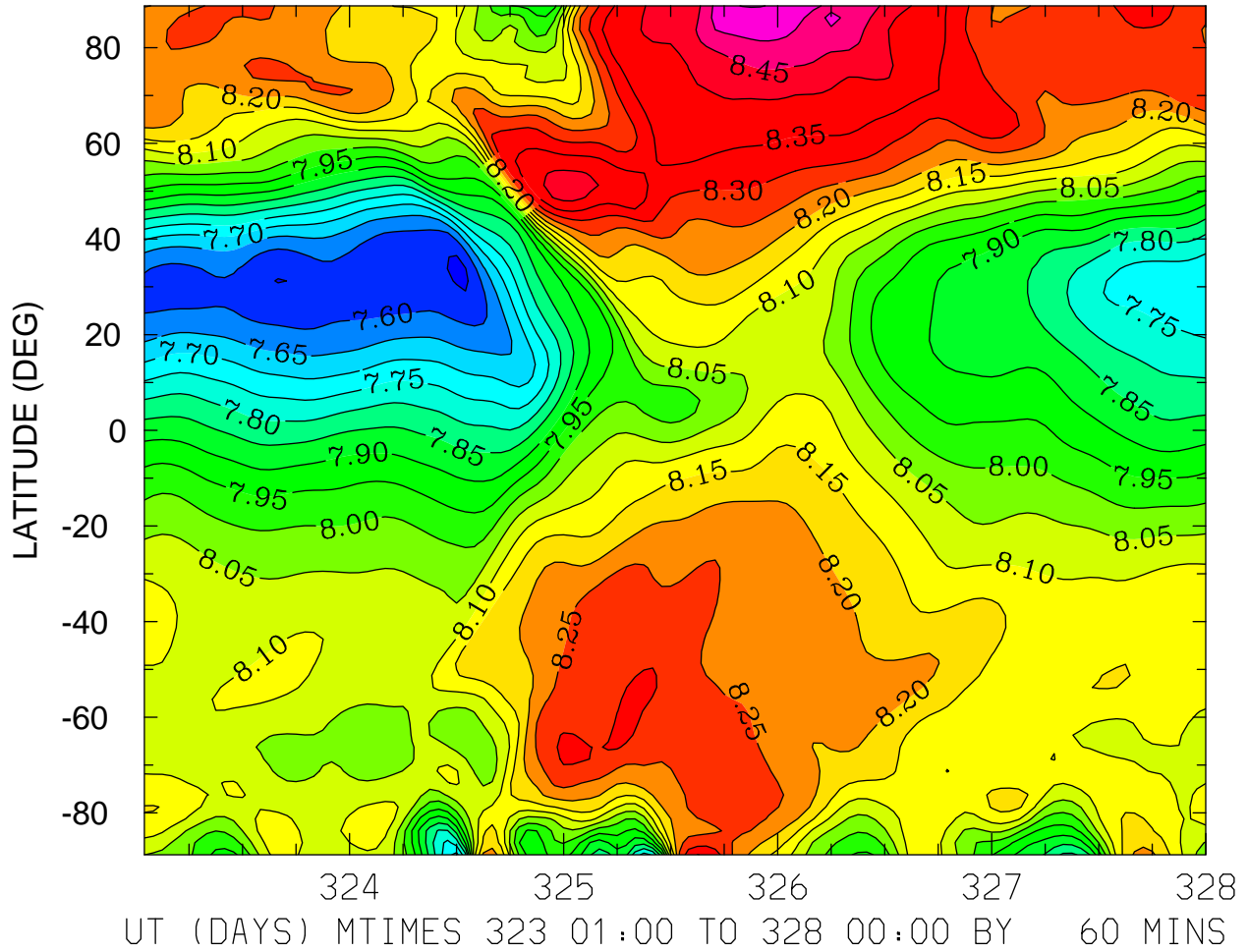


LOG10 NITRIC OXIDE (CM3)  
ZP = -4.125 LOCAL TIME = 12.00



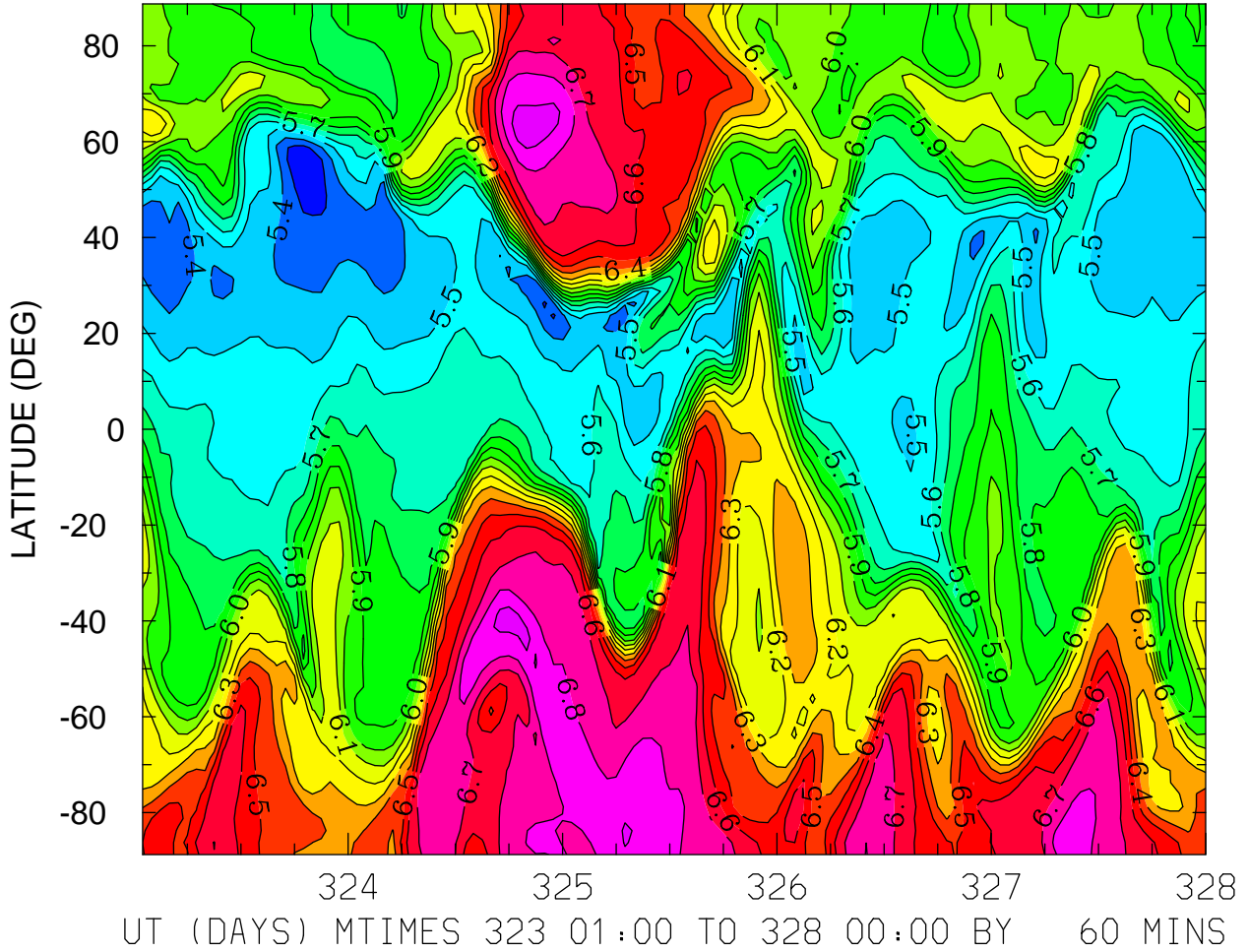
MIN,MAX= 7.1425E+00 8.5493E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
ZP = -4.125 ZONAL MEANS



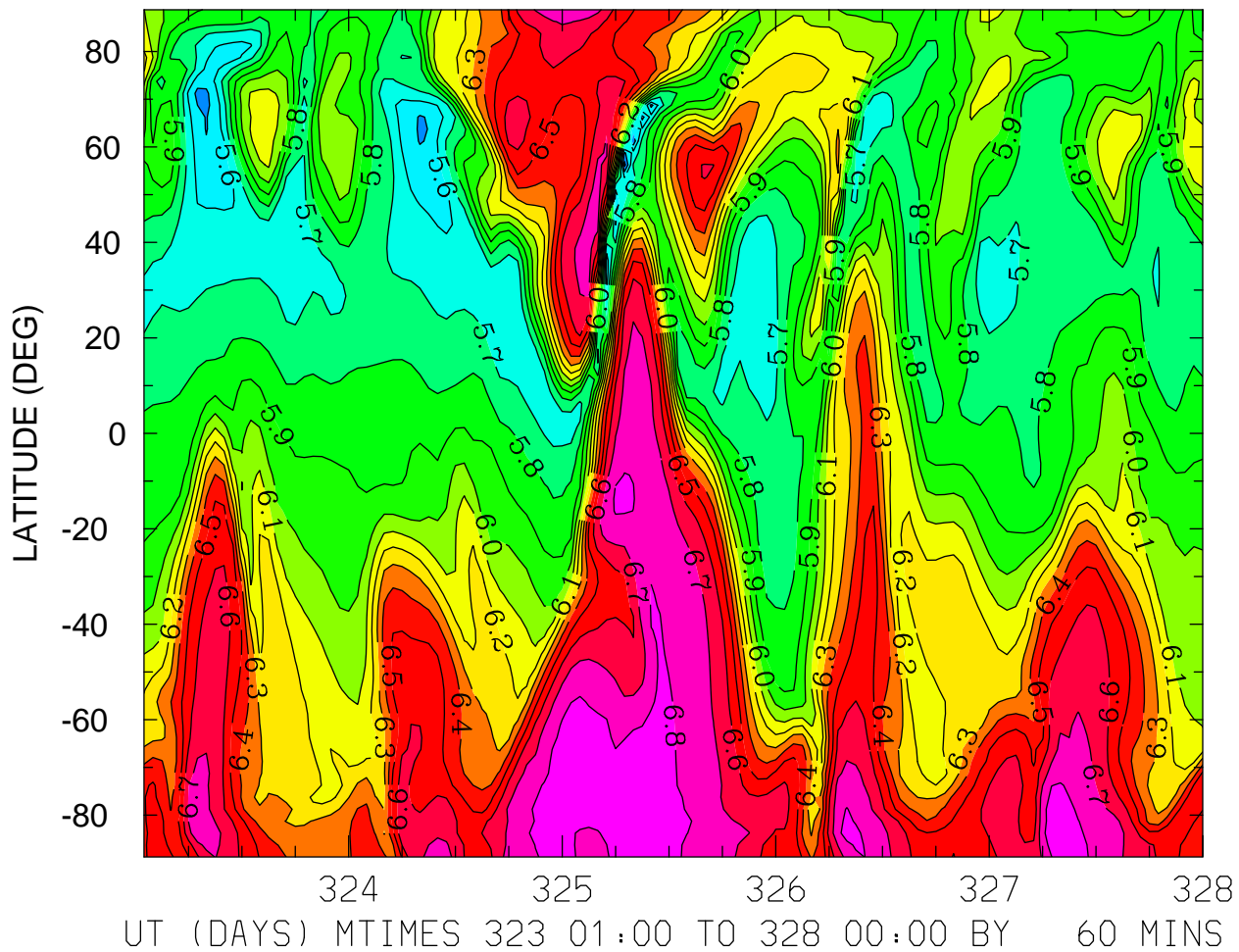
MIN,MAX= 7.5414E+00 8.5520E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
ZP = -0.125 LOCAL TIME = 0.00

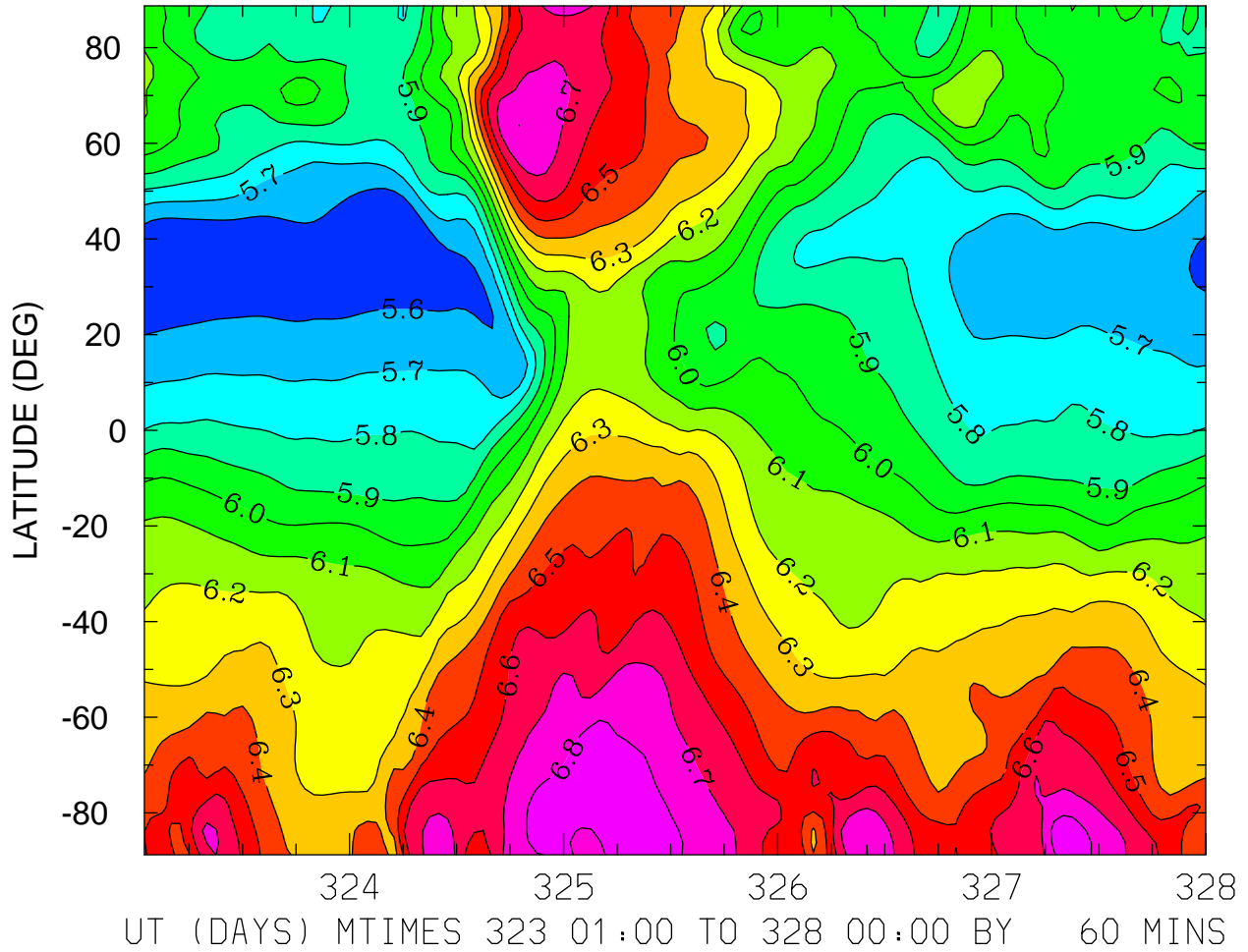


MIN,MAX= 5.2098E+00 6.9490E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

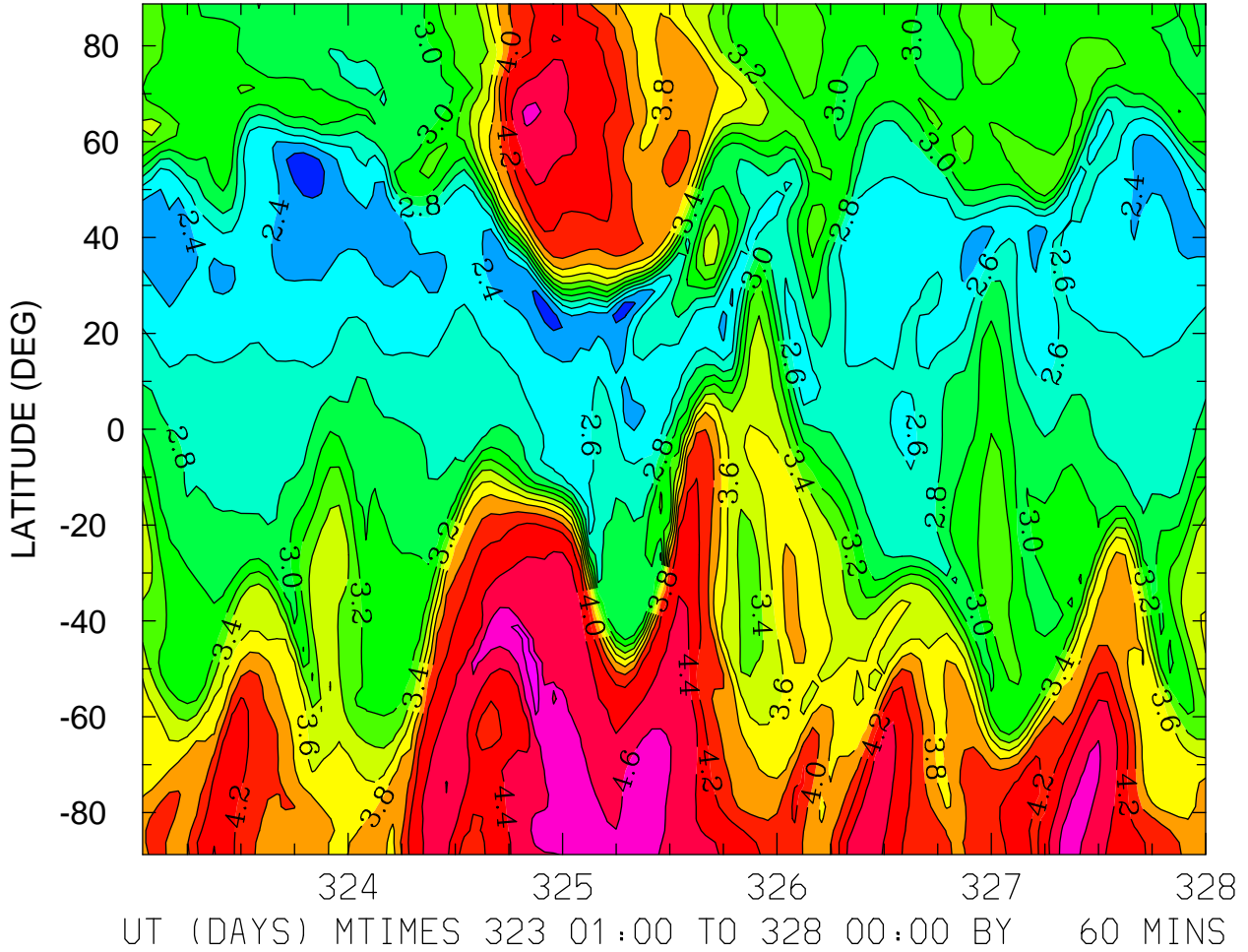
LOG10 NITRIC OXIDE (CM3)  
ZP = -0.125 LOCAL TIME = 12.00



LOG10 NITRIC OXIDE (CM3)  
ZP = -0.125 ZONAL MEANS

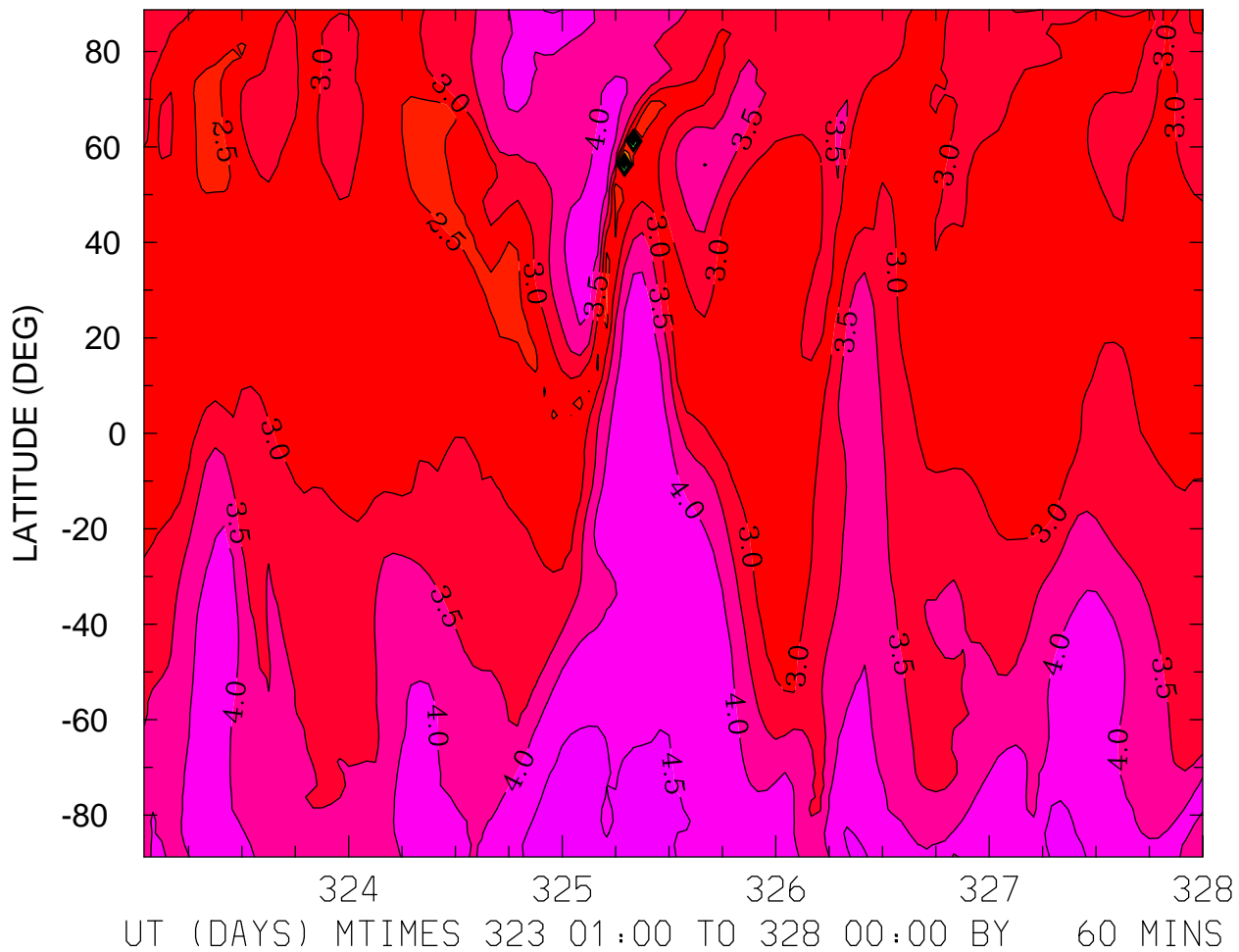


LOG10 NITRIC OXIDE (CM3)  
ZP = 3.875 LOCAL TIME = 0.00



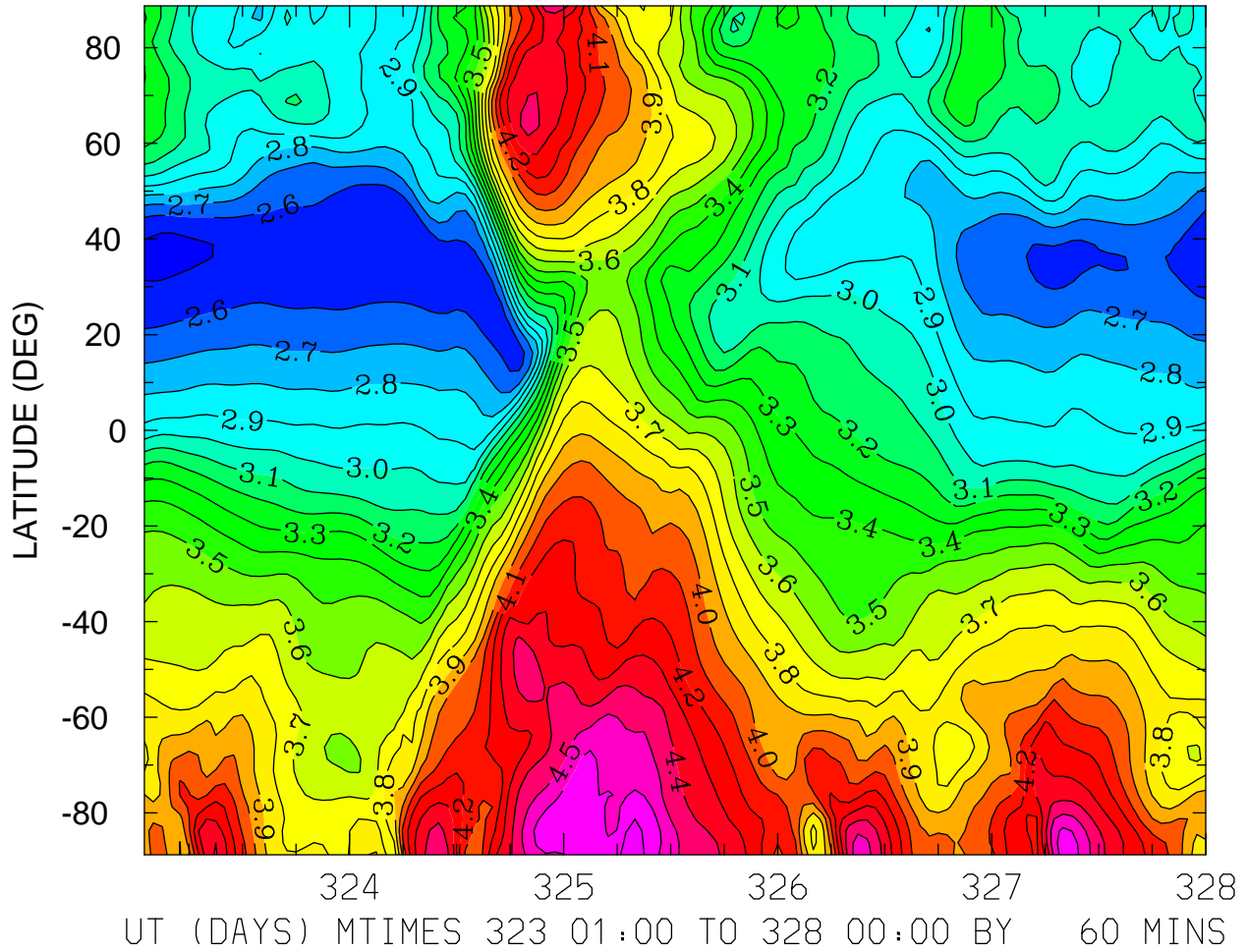
MIN,MAX= 2.0946E+00 4.8921E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 NITRIC OXIDE (CM3)  
ZP = 3.875 LOCAL TIME = 12.00



MIN,MAX= -4.4891E+00 4.7535E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

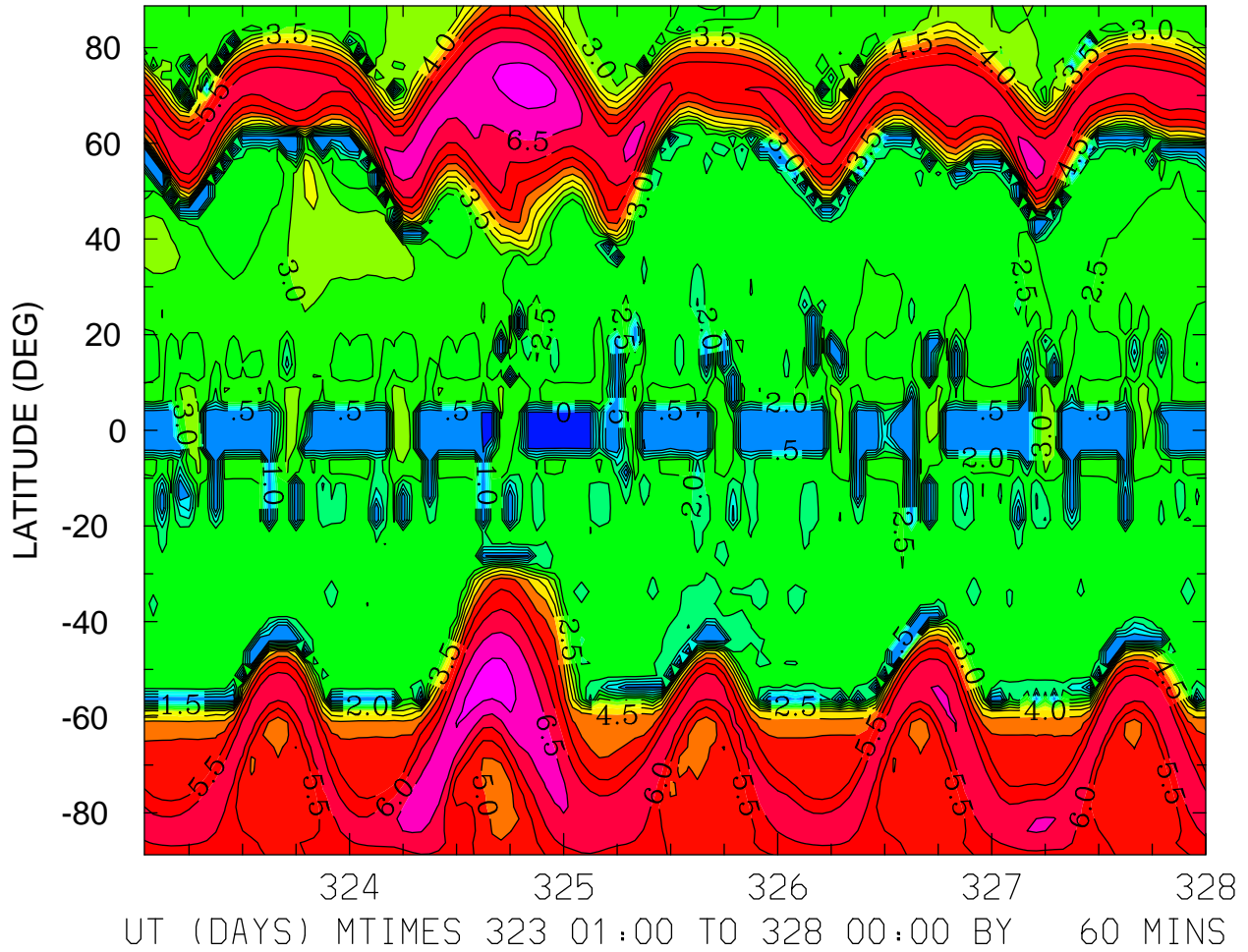
LOG10 NITRIC OXIDE (CM3)  
ZP = 3.875 ZONAL MEANS



MIN,MAX= 2.4744E+00 4.7496E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

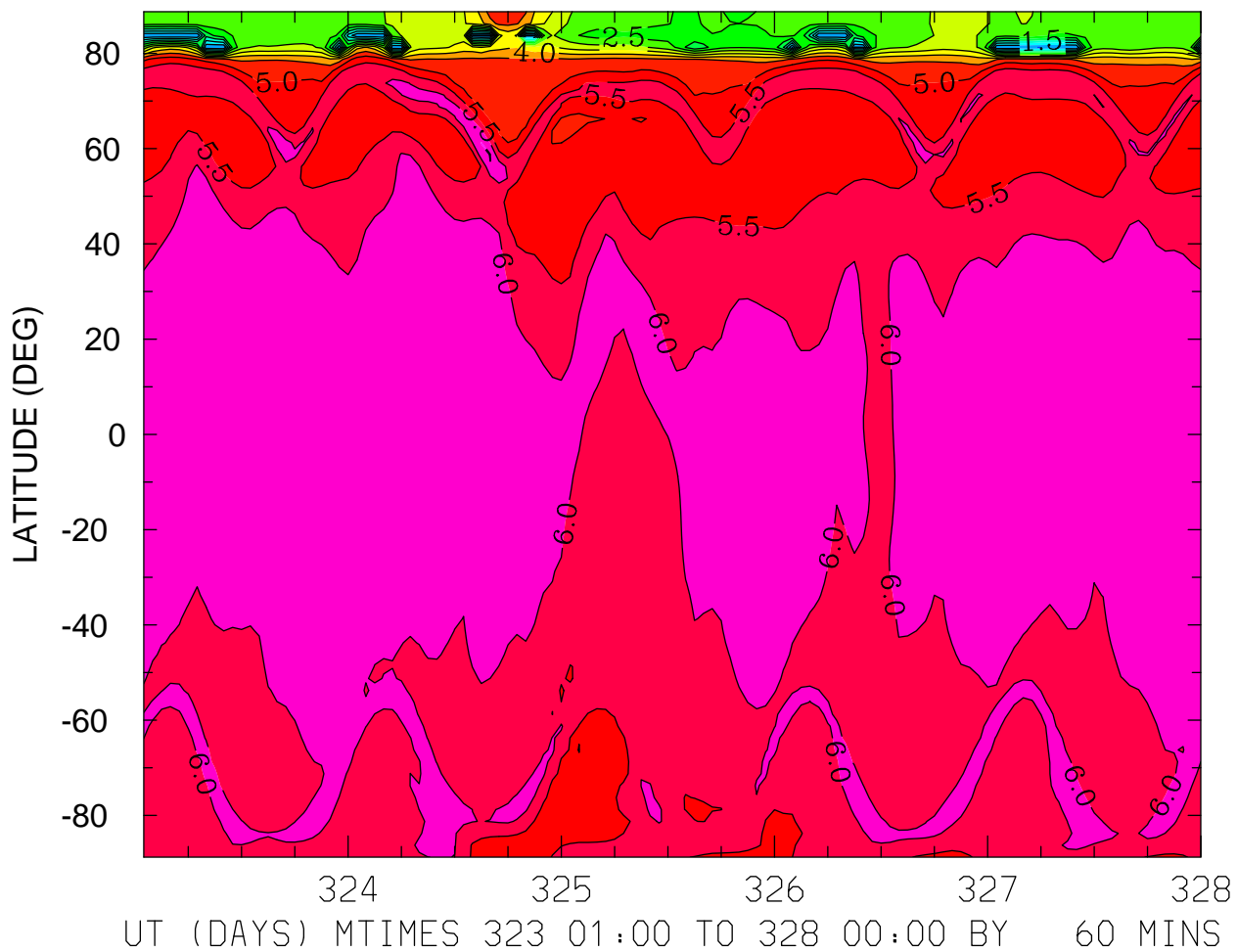


LOG10 N4S (CM3)  
ZP = -4.125 LOCAL TIME = 0.00



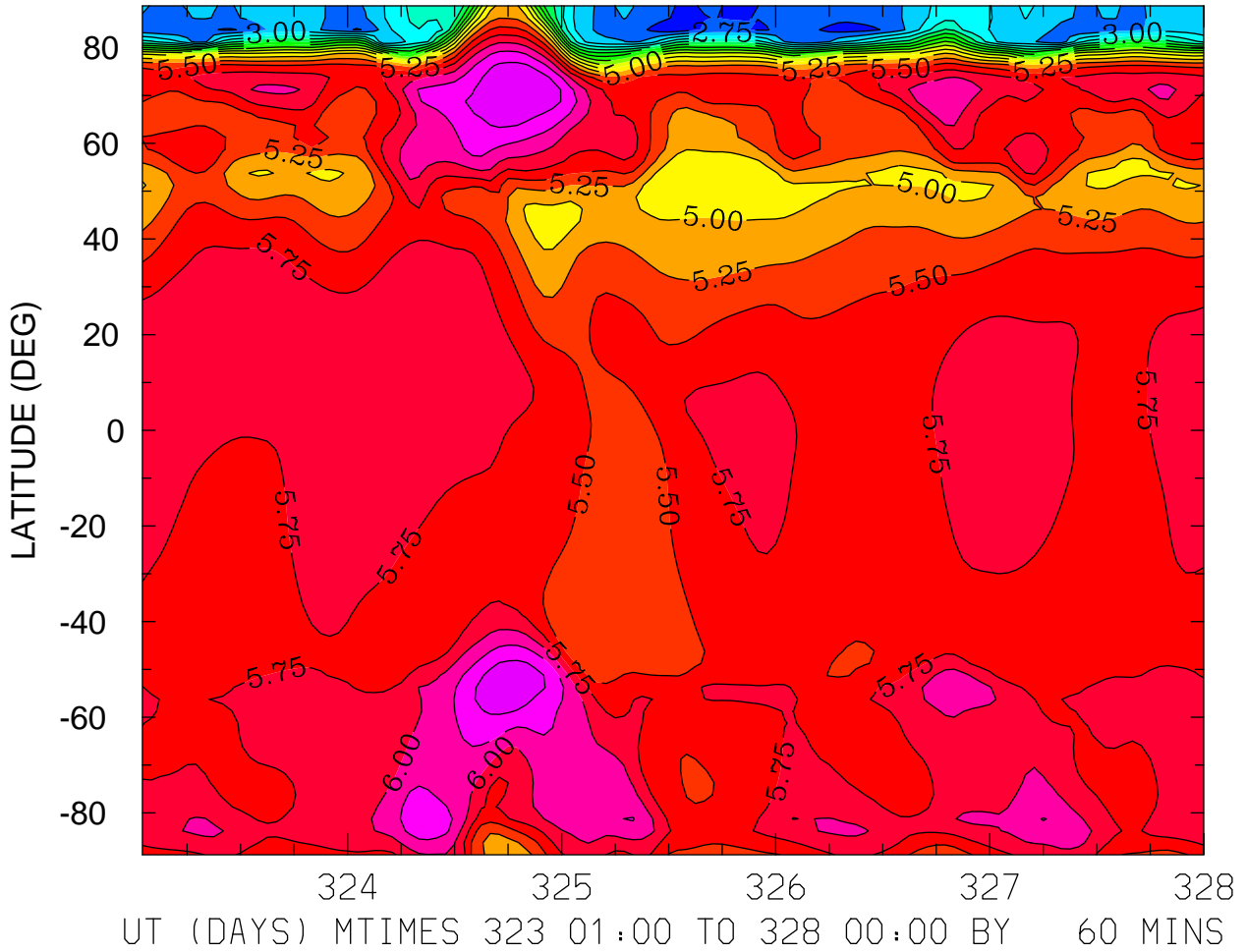
MIN,MAX= -8.0286E-02 7.2184E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 N4S (CM3)  
ZP = -4.125 LOCAL TIME = 12.00



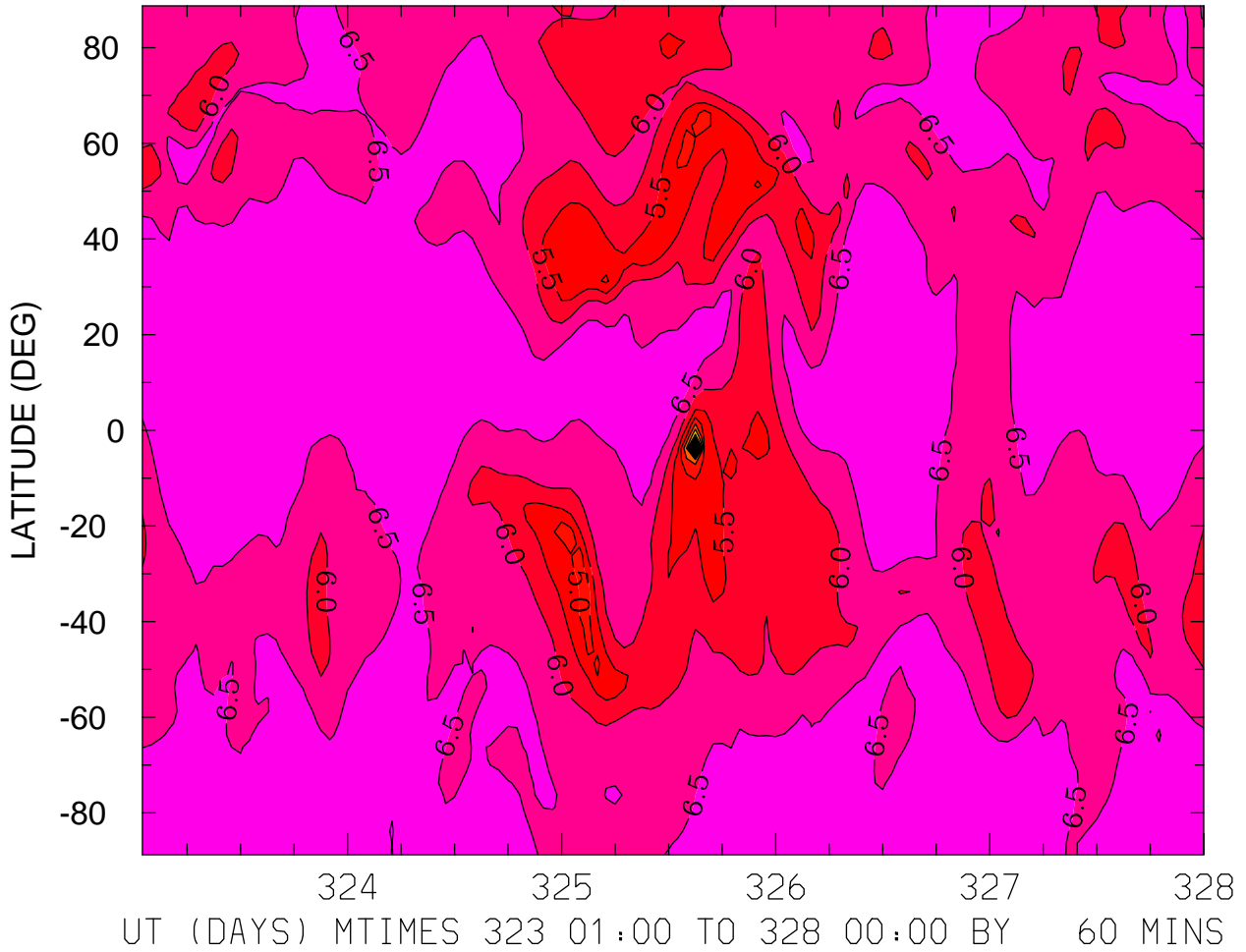
MIN,MAX= -1.1019E-01 6.5327E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 N4S (CM3)  
ZP = -4.125 ZONAL MEANS



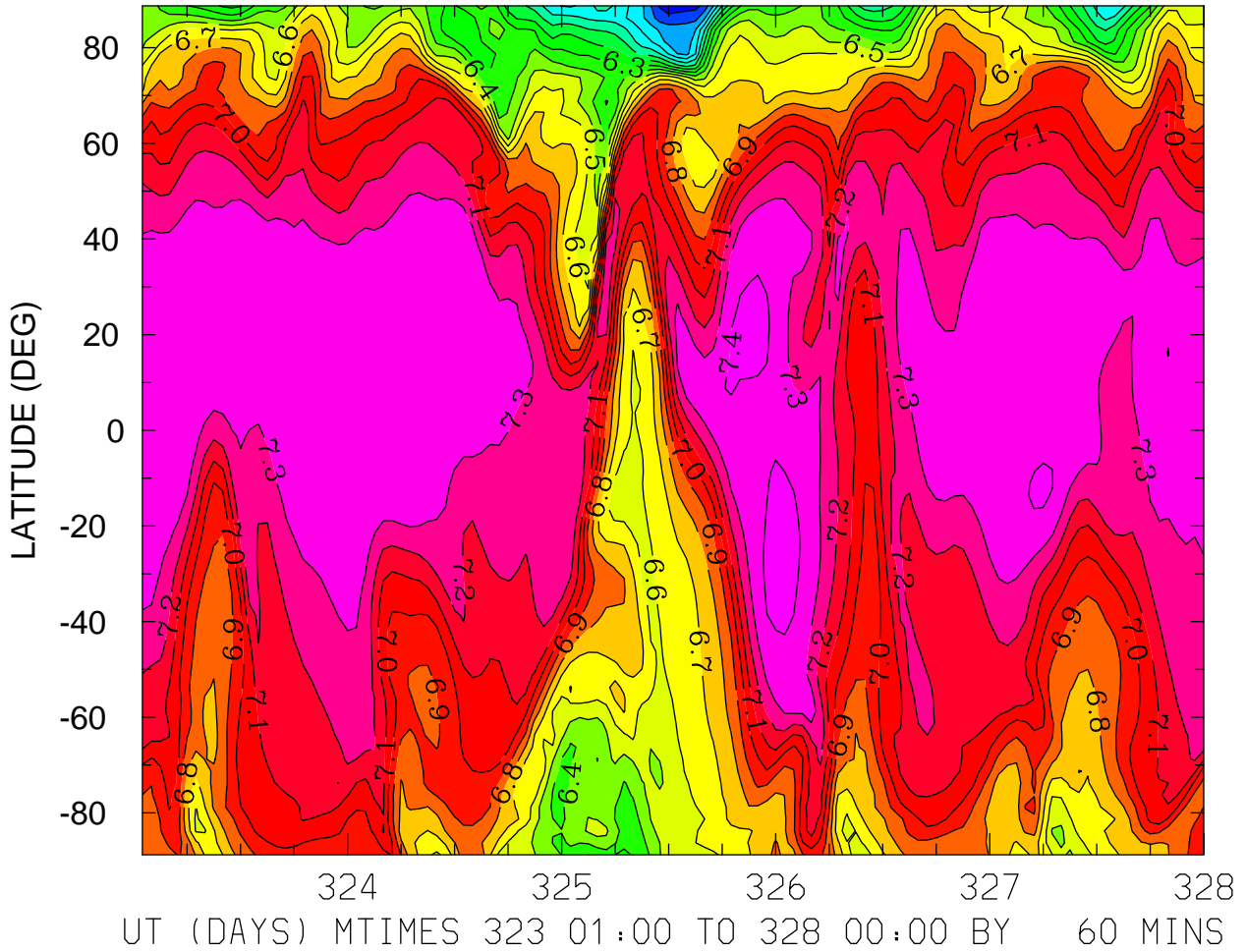
MIN,MAX= 2.3250E+00 6.7400E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 N4S (CM3)  
ZP = -0.125 LOCAL TIME = 0.00

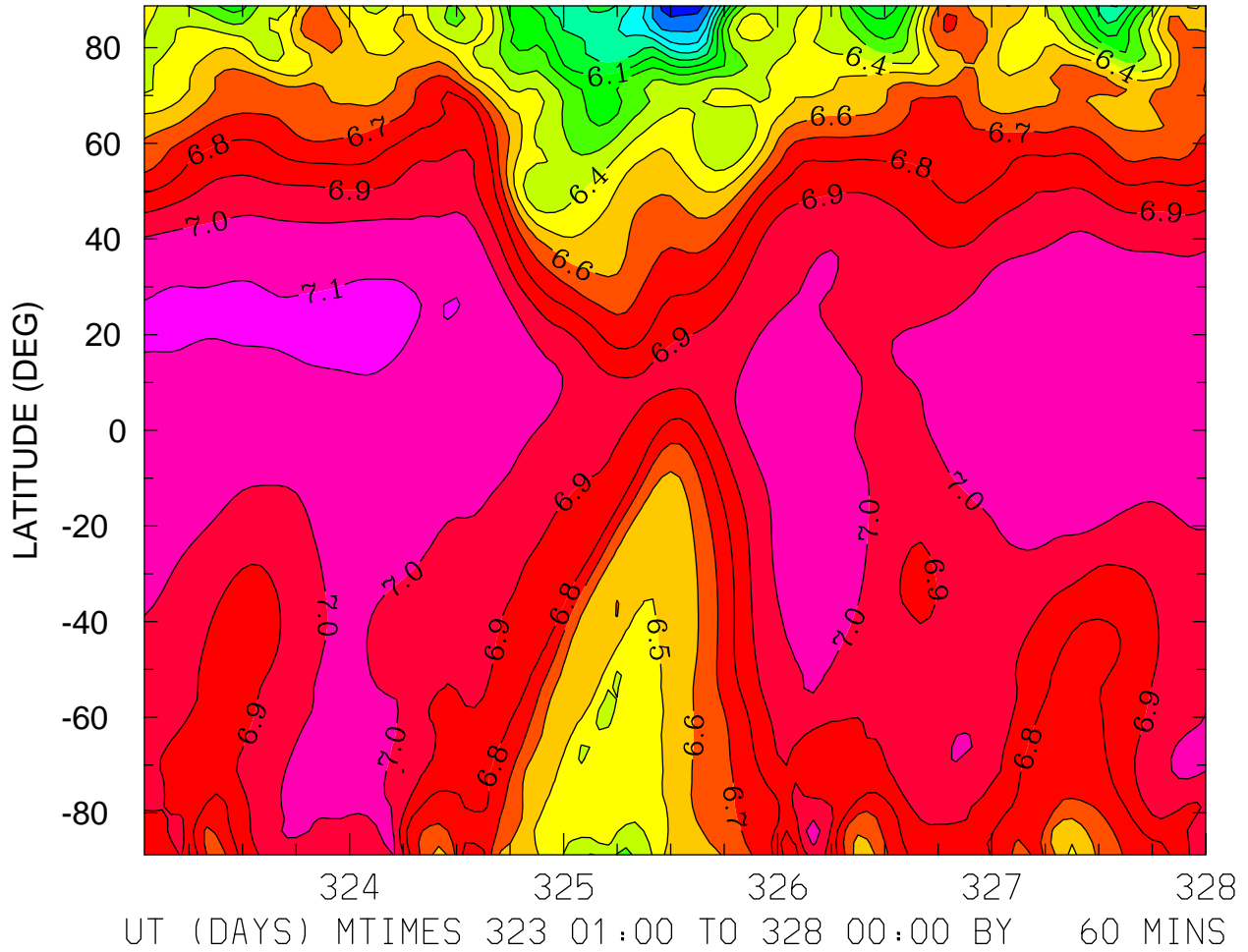


MIN,MAX= -2.1652E+00 7.0107E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 N4S (CM3)  
ZP = -0.125 LOCAL TIME = 12.00

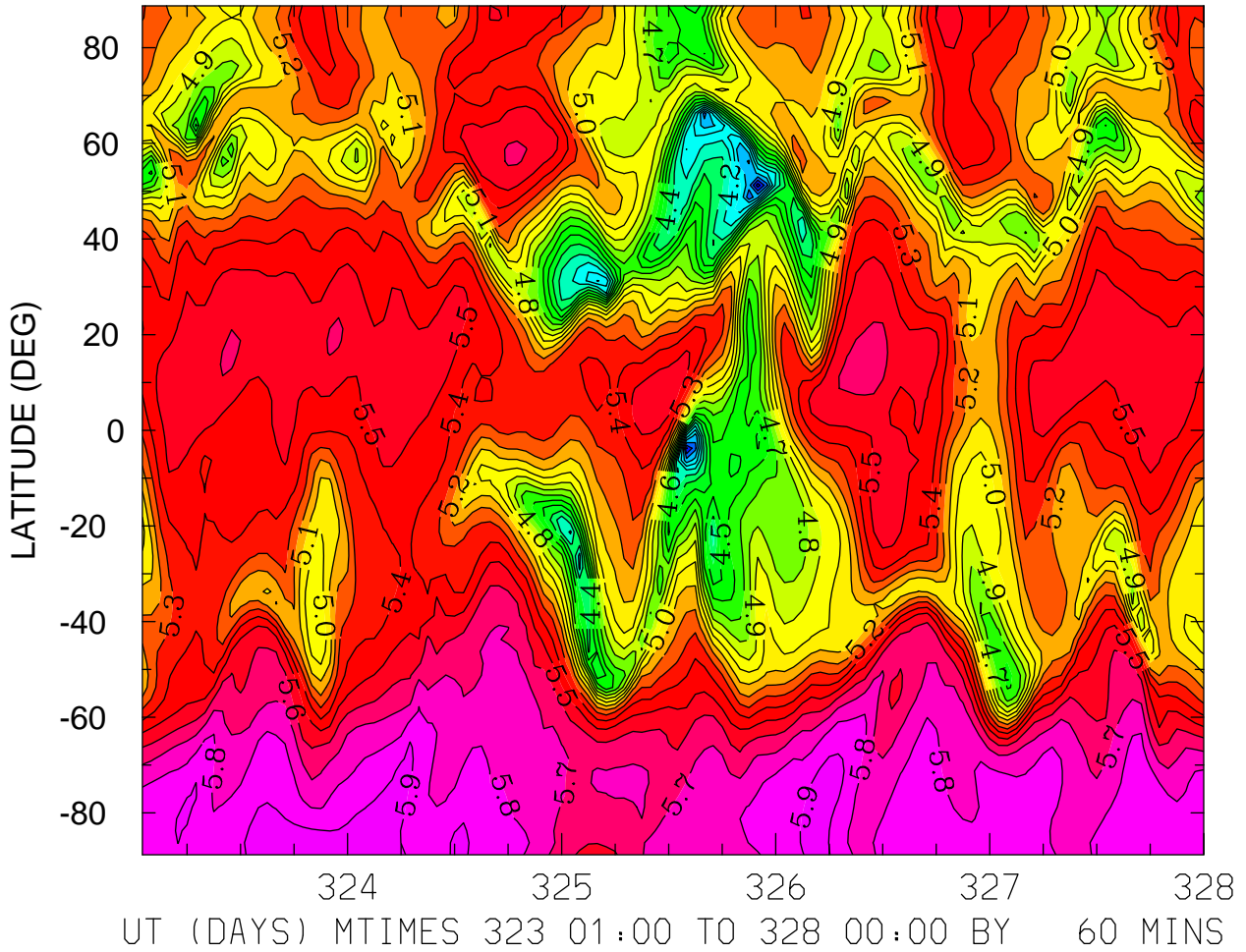


LOG10 N4S (CM3)  
ZP = -0.125 ZONAL MEANS



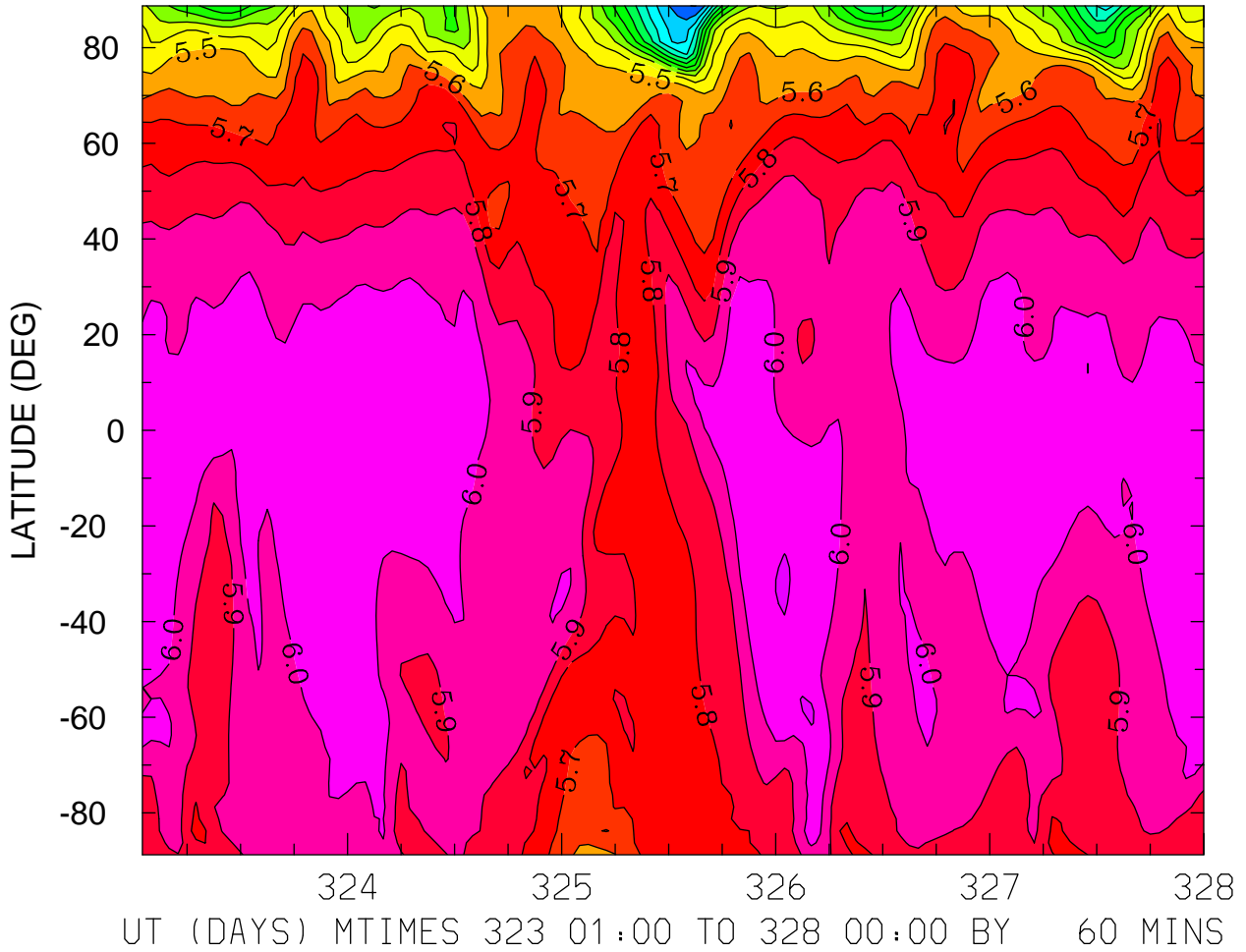
MIN,MAX= 5.5311E+00 7.1206E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 N4S (CM3)  
ZP = 3.875 LOCAL TIME = 0.00



MIN,MAX= 3.6443E+00 5.9644E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

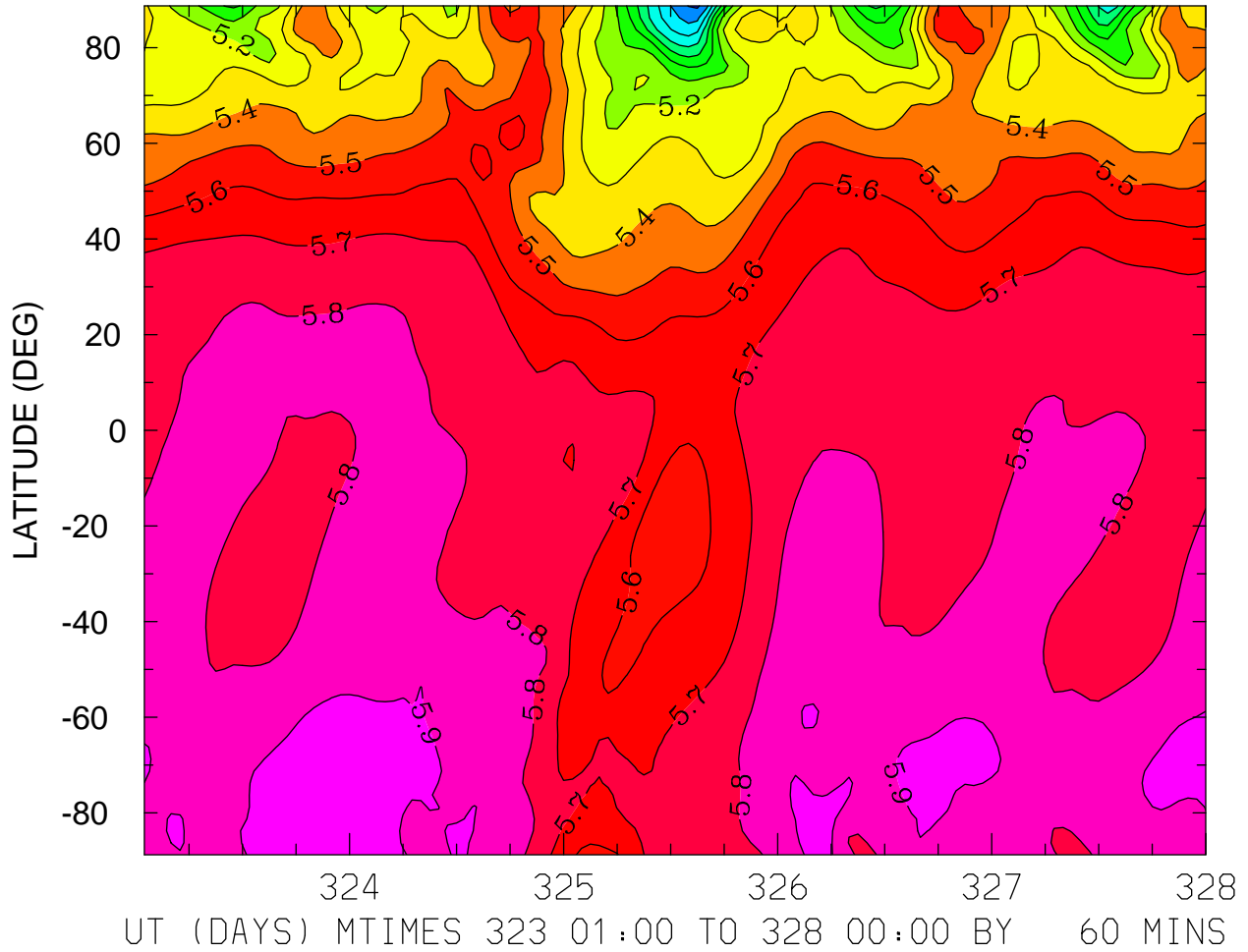
LOG10 N4S (CM3)  
ZP = 3.875 LOCAL TIME = 12.00



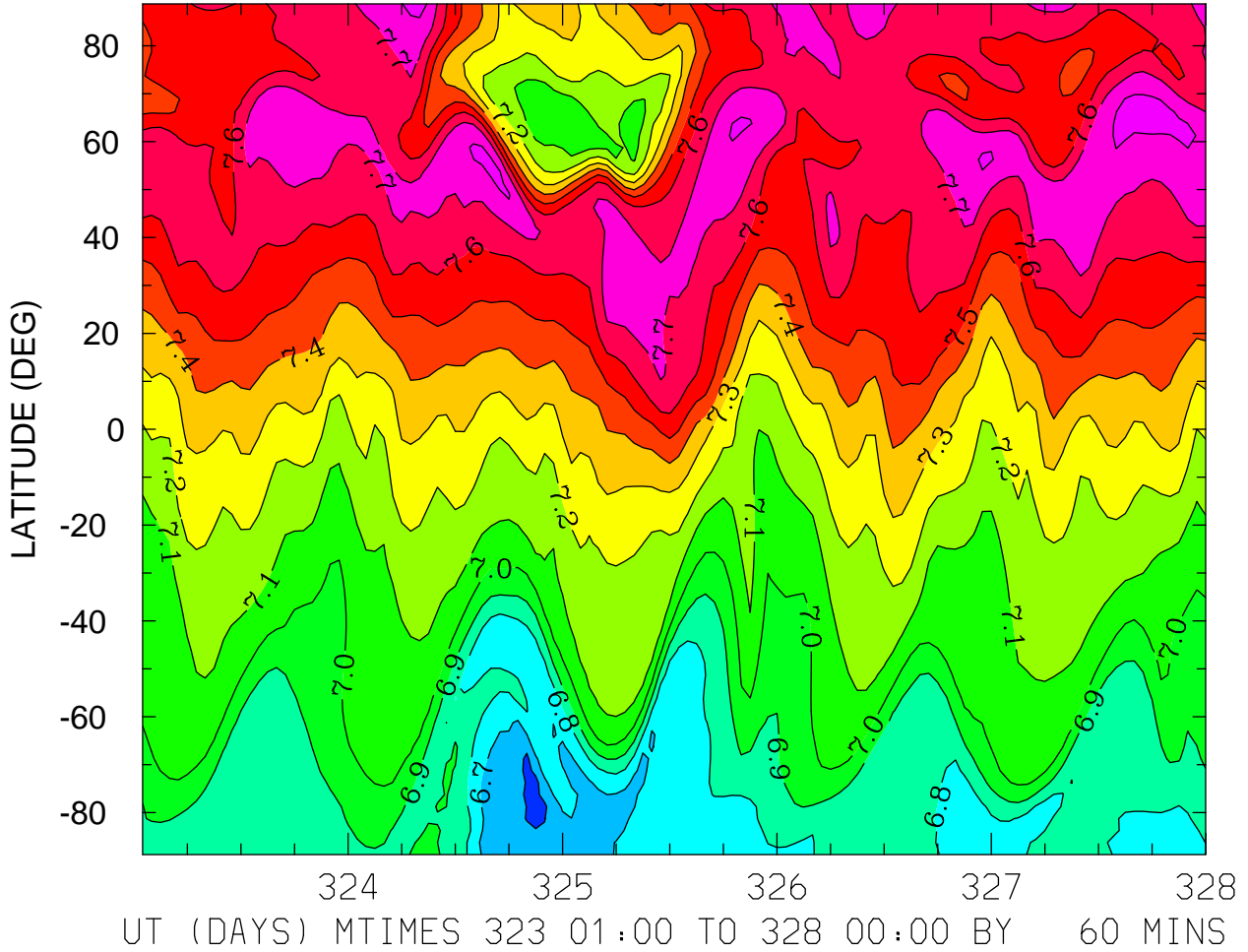
MIN,MAX= 4.4961E+00 6.1122E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc



LOG10 N4S (CM3)  
ZP = 3.875 ZONAL MEANS

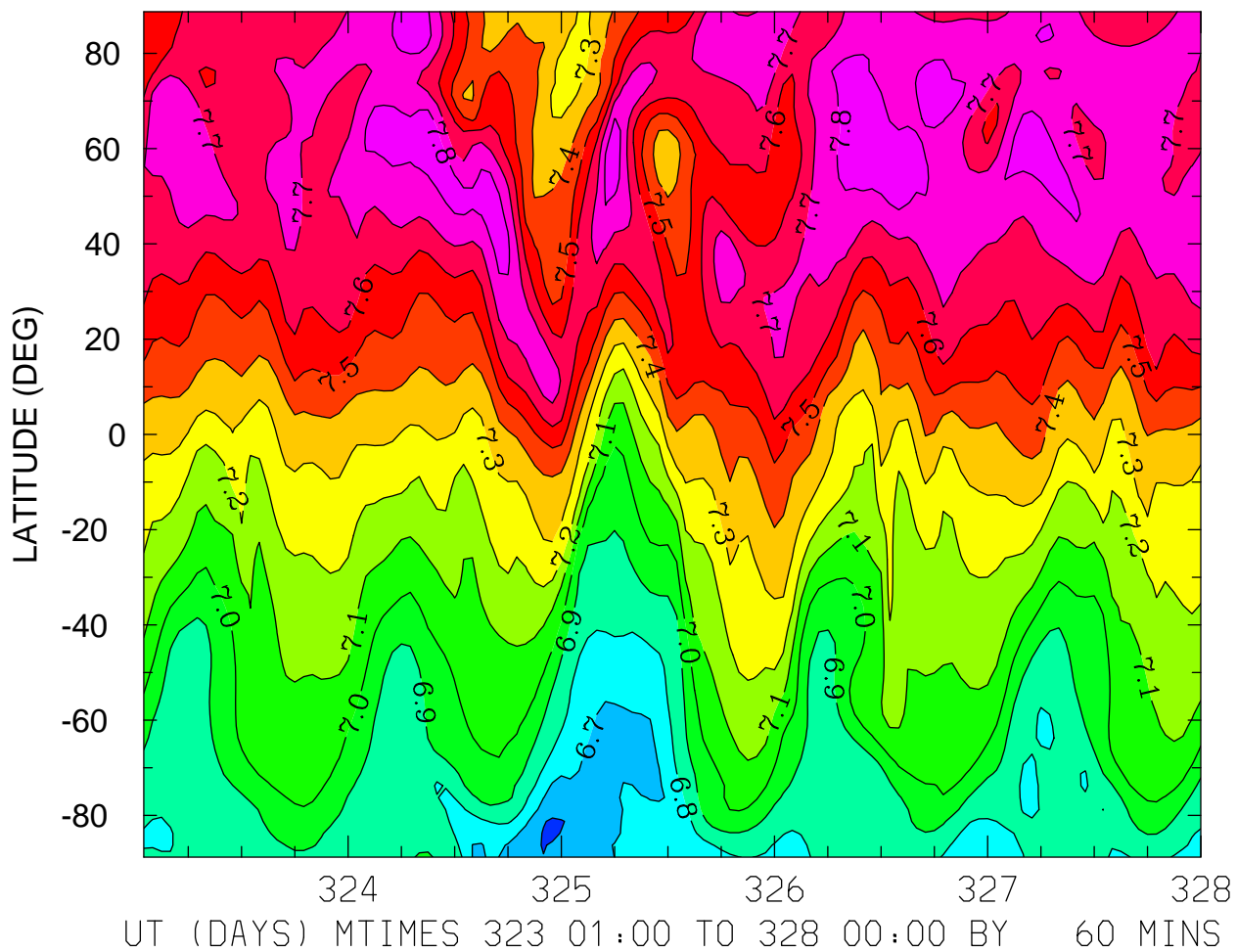


LOG10 HELIUM (HE) (CM3)  
ZP = -4.125 LOCAL TIME = 0.00



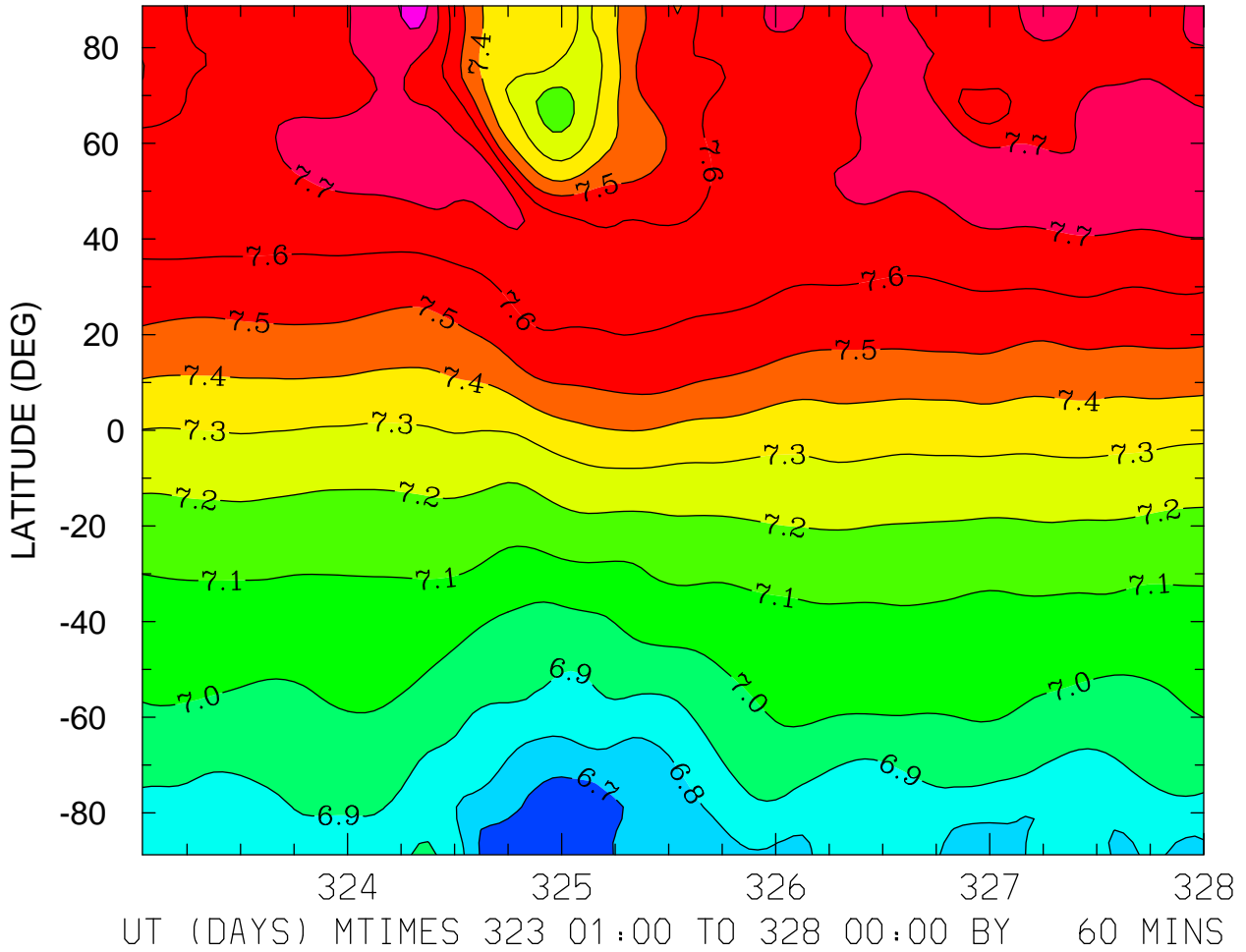
MIN,MAX= 6.5688E+00 7.8403E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
ZP = -4.125 LOCAL TIME = 12.00



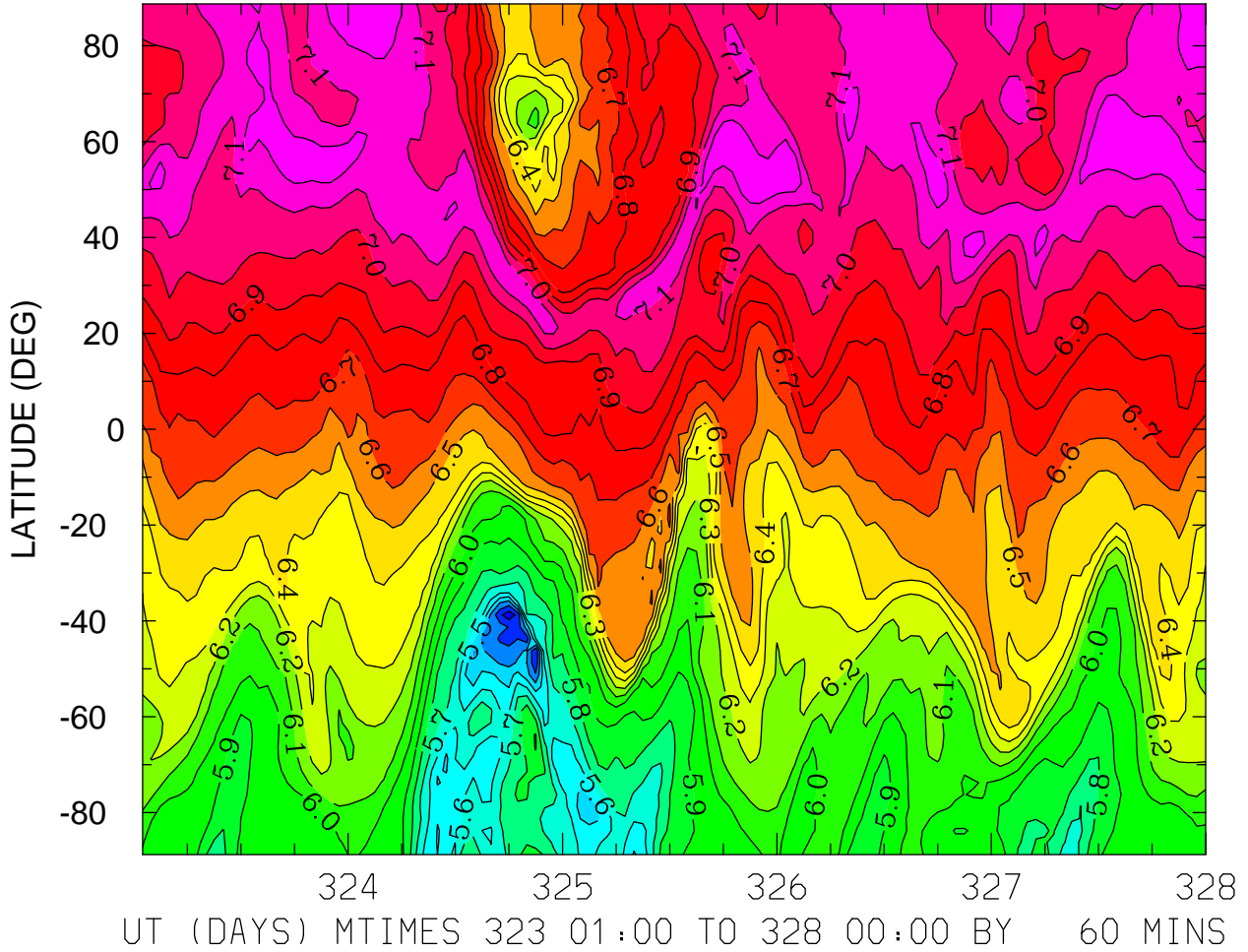
MIN,MAX= 6.5872E+00 7.8842E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
ZP = -4.125 ZONAL MEANS

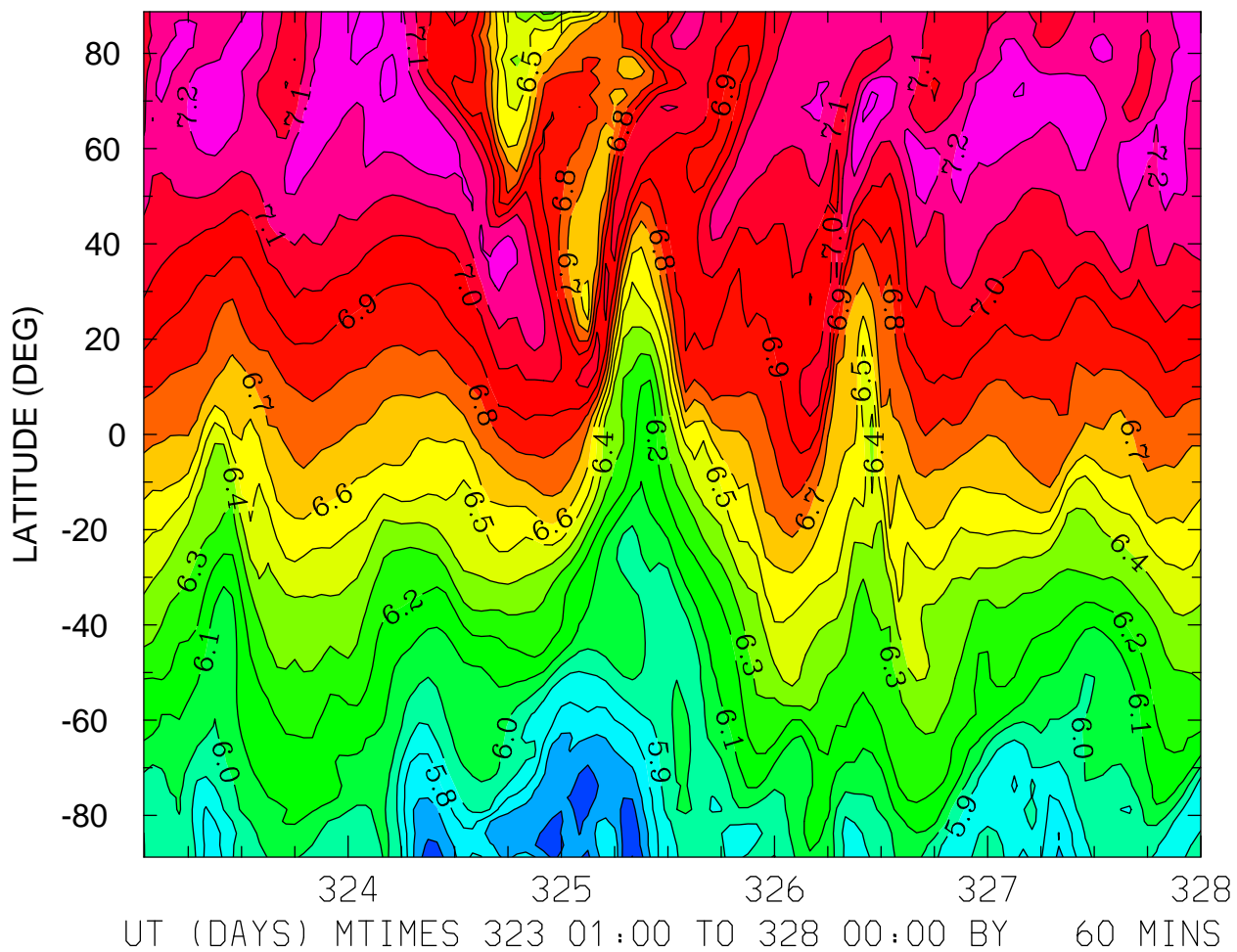


MIN,MAX= 6.6069E+00 7.8466E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
ZP = -0.125 LOCAL TIME = 0.00

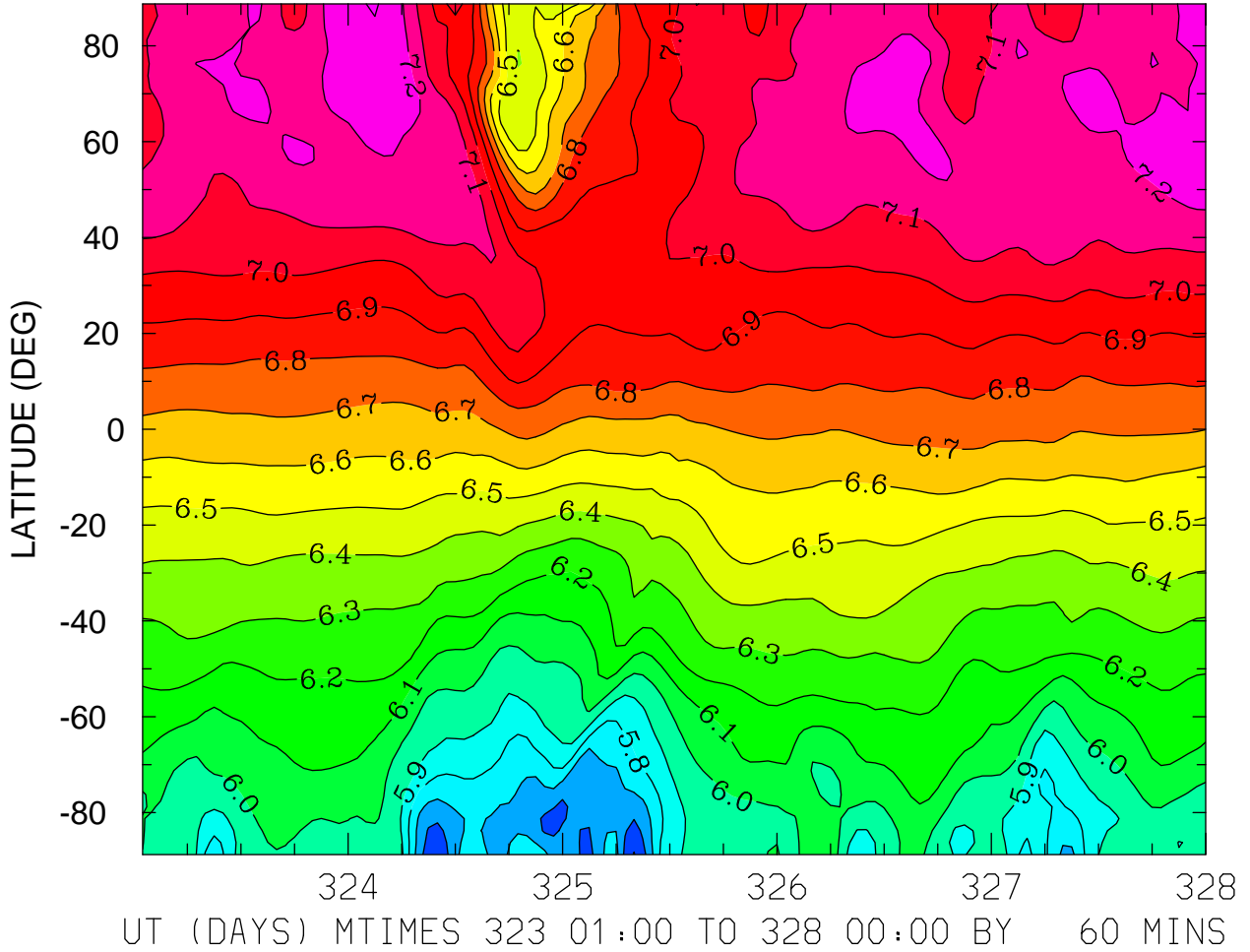


LOG10 HELIUM (HE) (CM3)  
ZP = -0.125 LOCAL TIME = 12.00

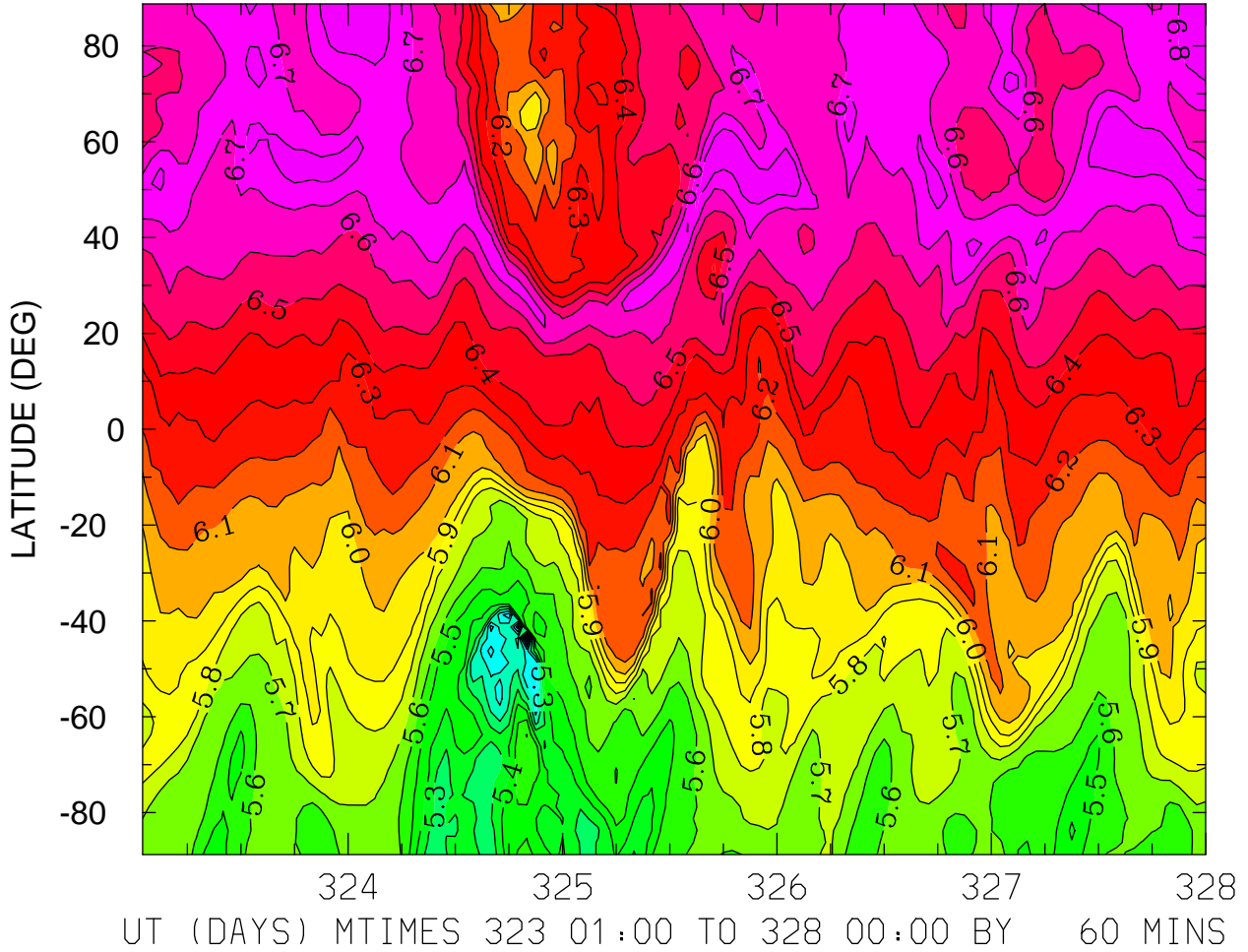


MIN,MAX= 5.4977E+00 7.3251E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 HELIUM (HE) (CM3)  
ZP = -0.125 ZONAL MEANS



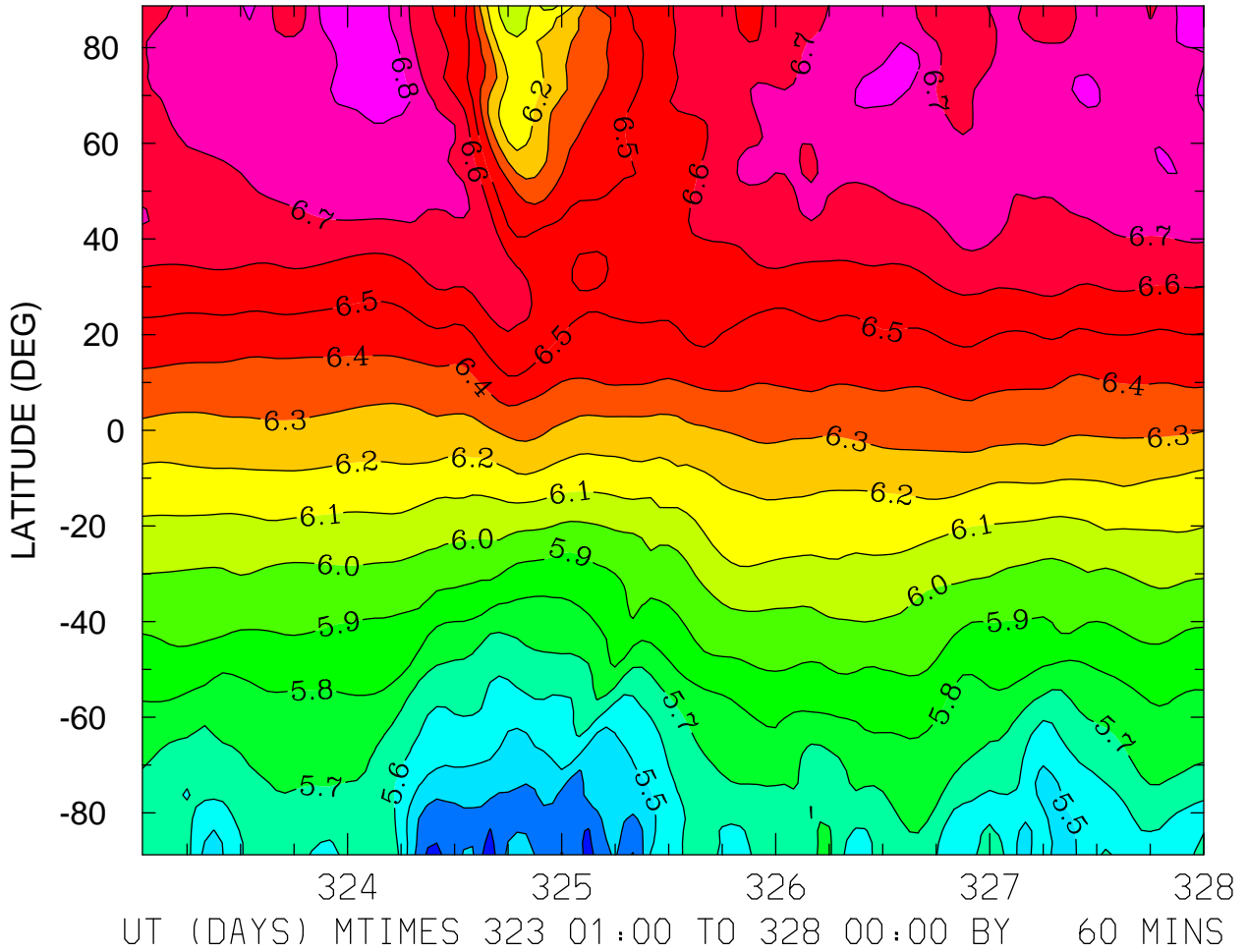
LOG10 HELIUM (HE) (CM3)  
ZP = 3.875 LOCAL TIME = 0.00





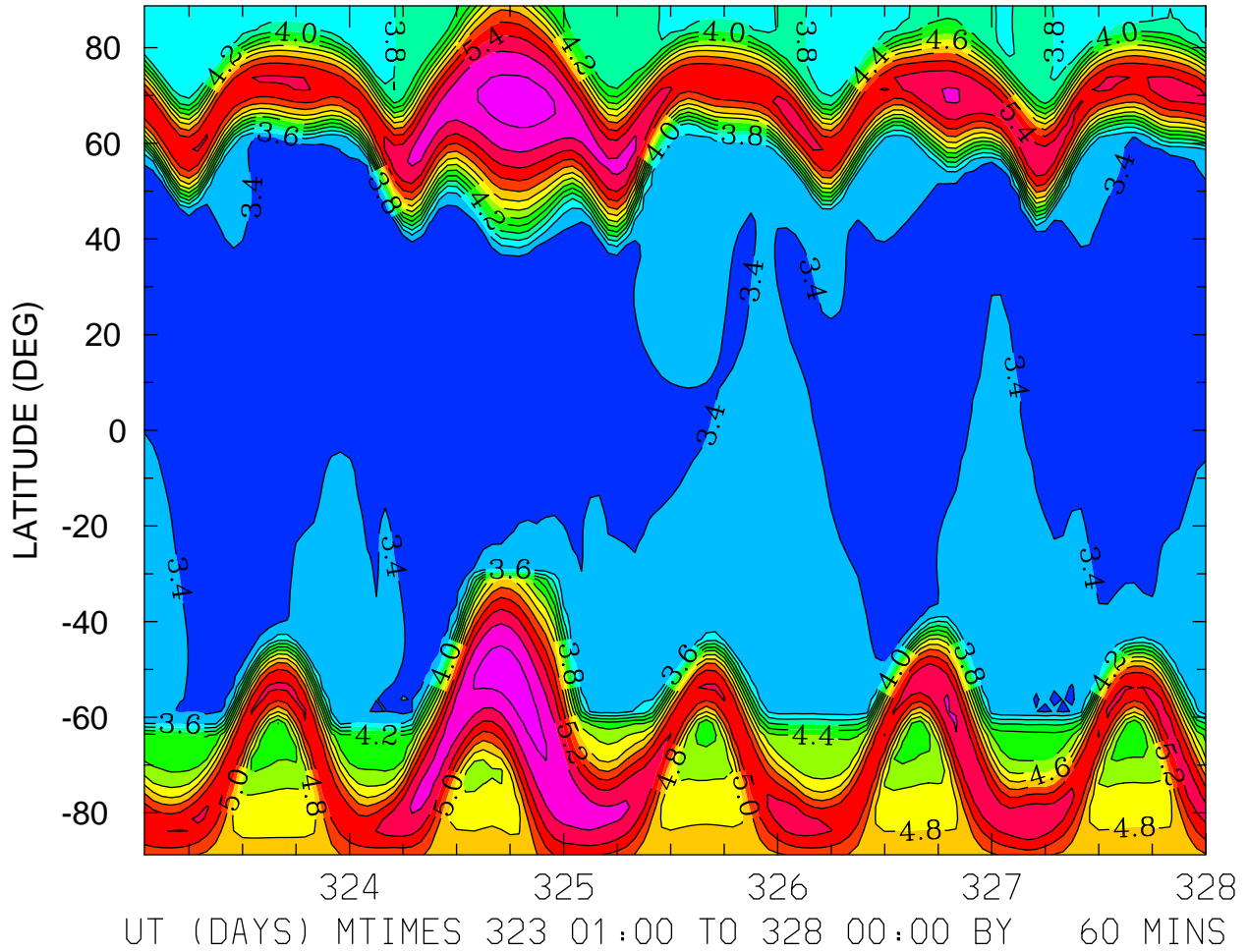


LOG10 HELIUM (HE) (CM3)  
ZP = 3.875 ZONAL MEANS



MIN,MAX= 5.2433E+00 6.8767E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

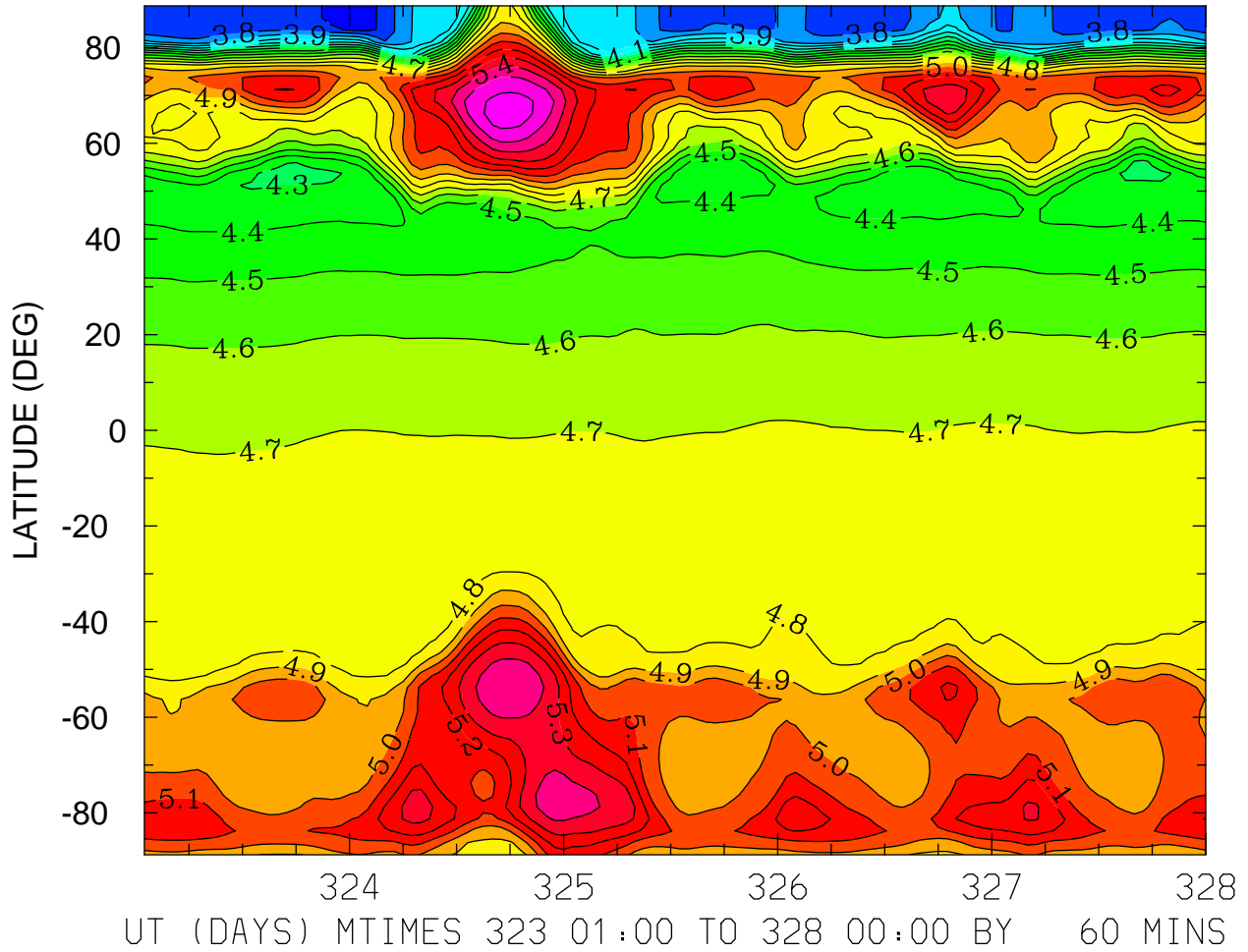
LOG10 ELECTRON DENSITY (CM3)  
ZP = -4.000 LOCAL TIME = 0.00



MIN,MAX= 3.2060E+00 5.8863E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

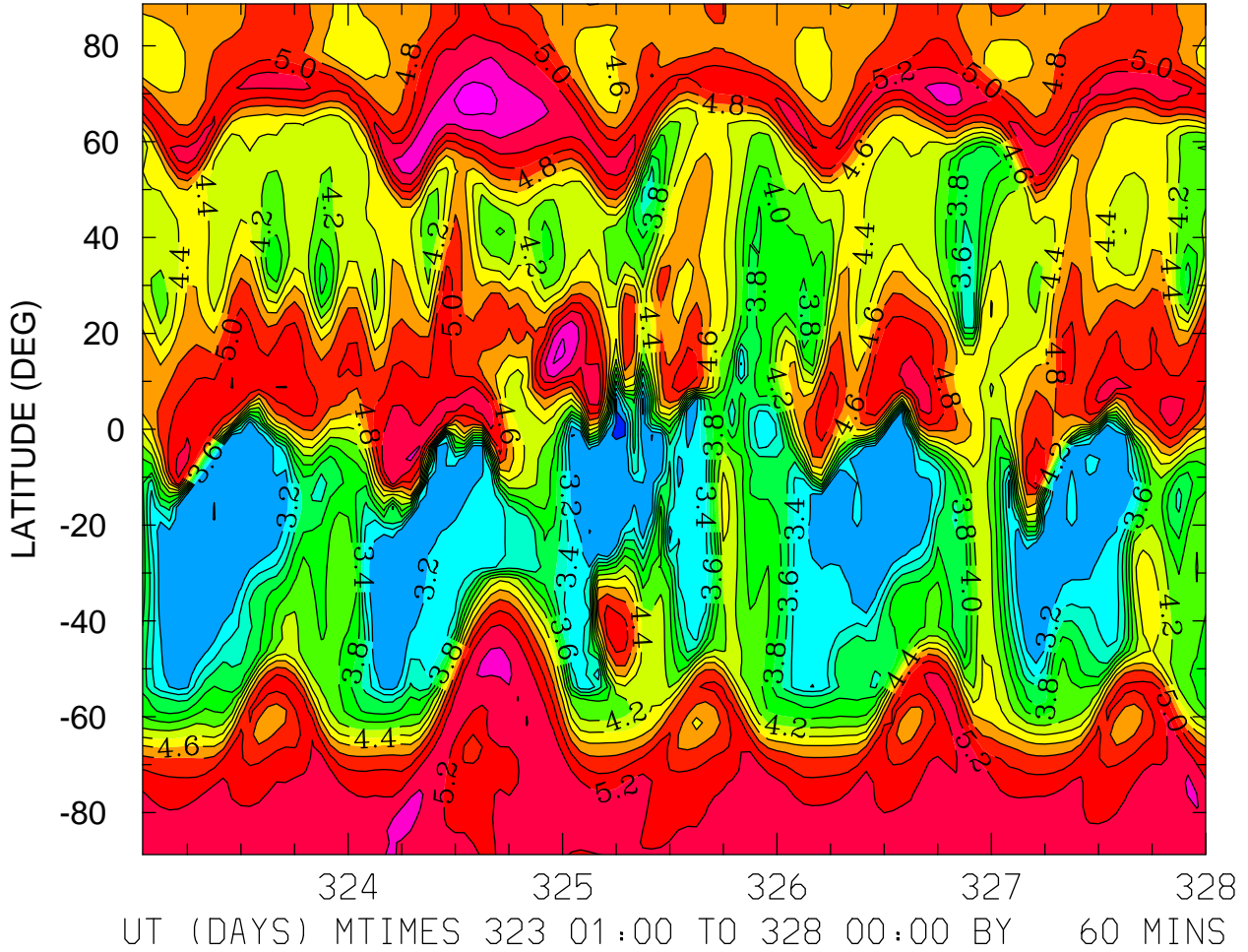


LOG10 ELECTRON DENSITY (CM3)  
ZP = -4.000 ZONAL MEANS



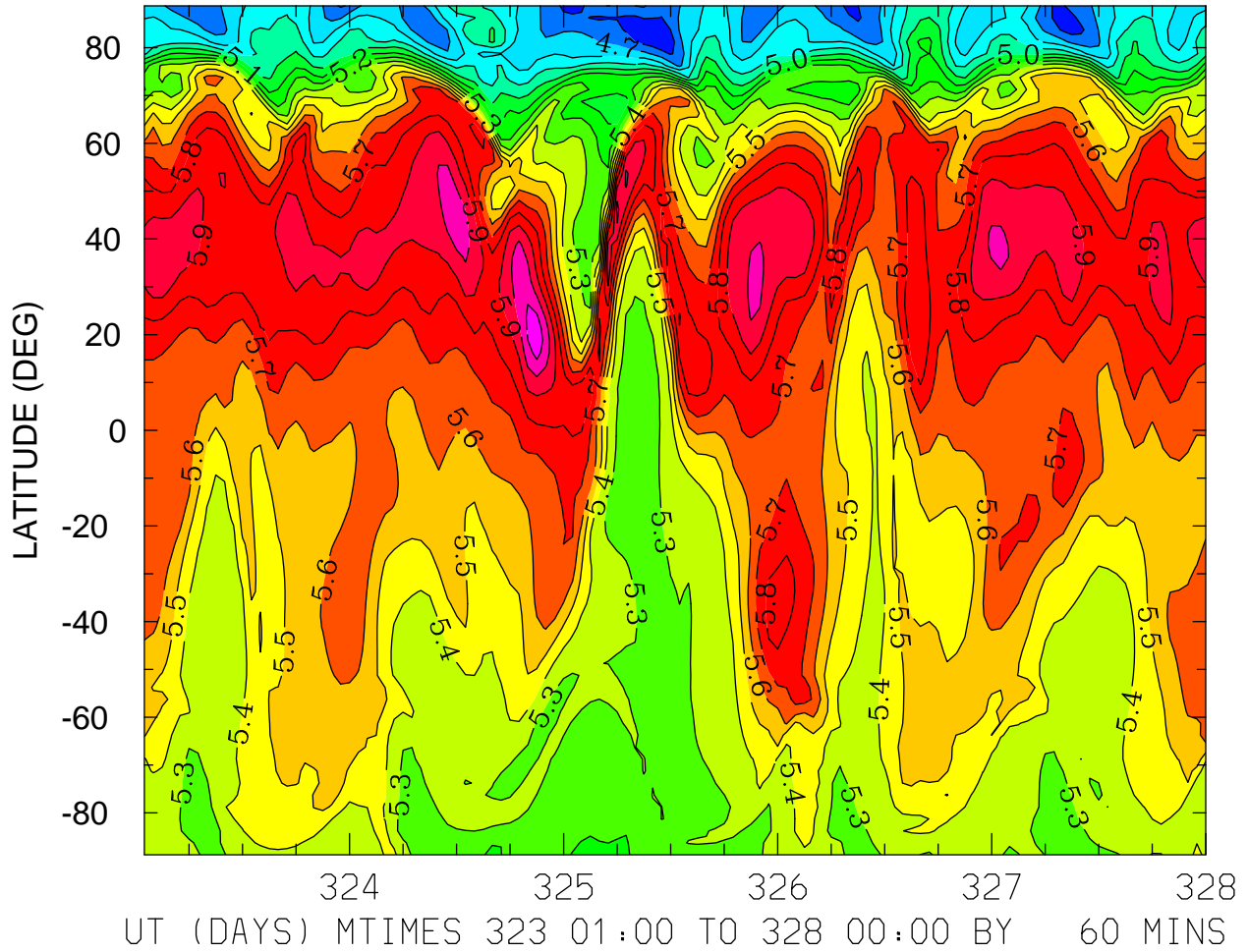
MIN,MAX= 3.6355E+00 5.6471E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
ZP = 0.000 LOCAL TIME = 0.00



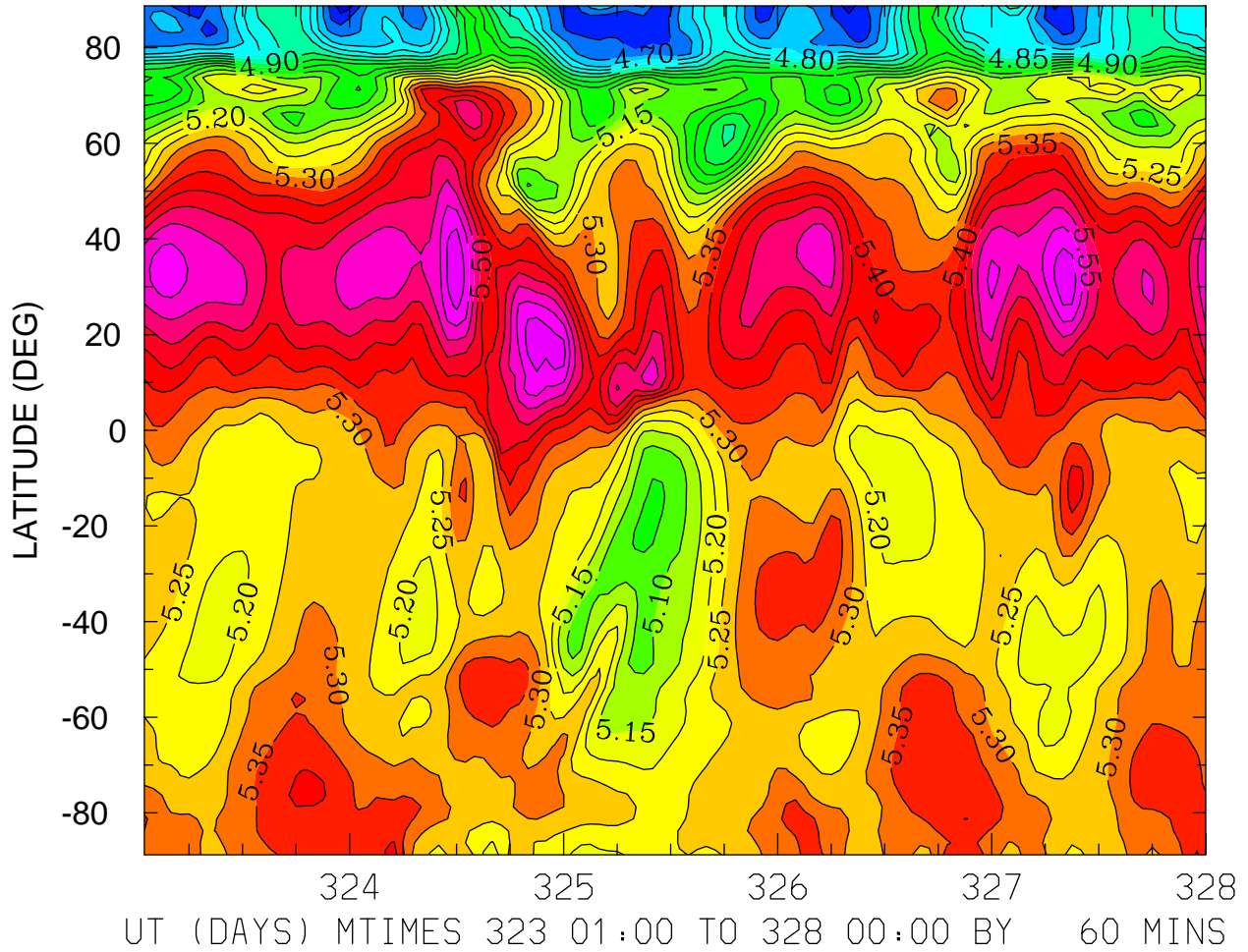
MIN,MAX= 2.9694E+00 5.6910E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
ZP = 0.000 LOCAL TIME = 12.00



MIN,MAX= 4.5050E+00 6.1626E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
ZP = 0.000 ZONAL MEANS

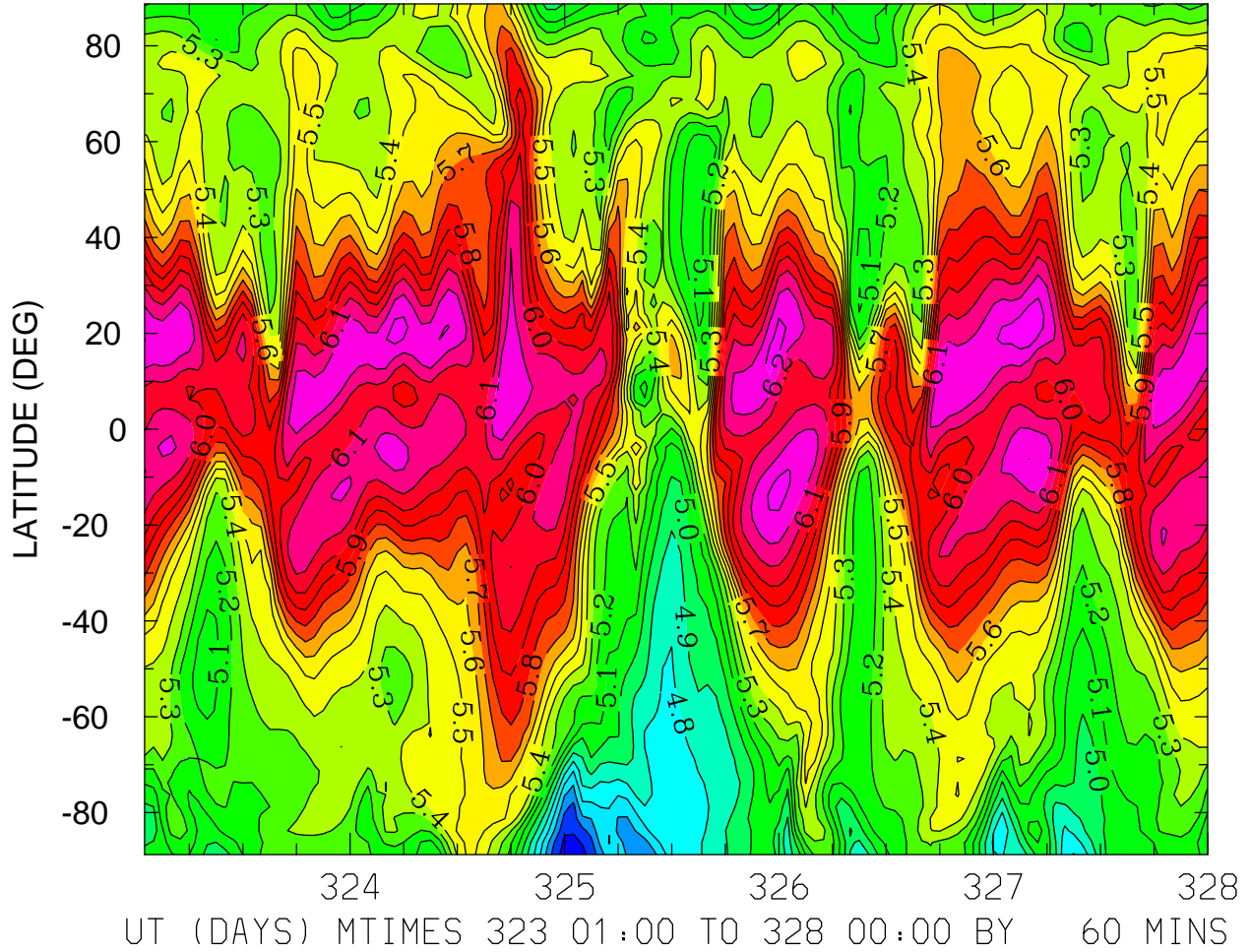


MIN,MAX= 4.5734E+00 5.6932E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc



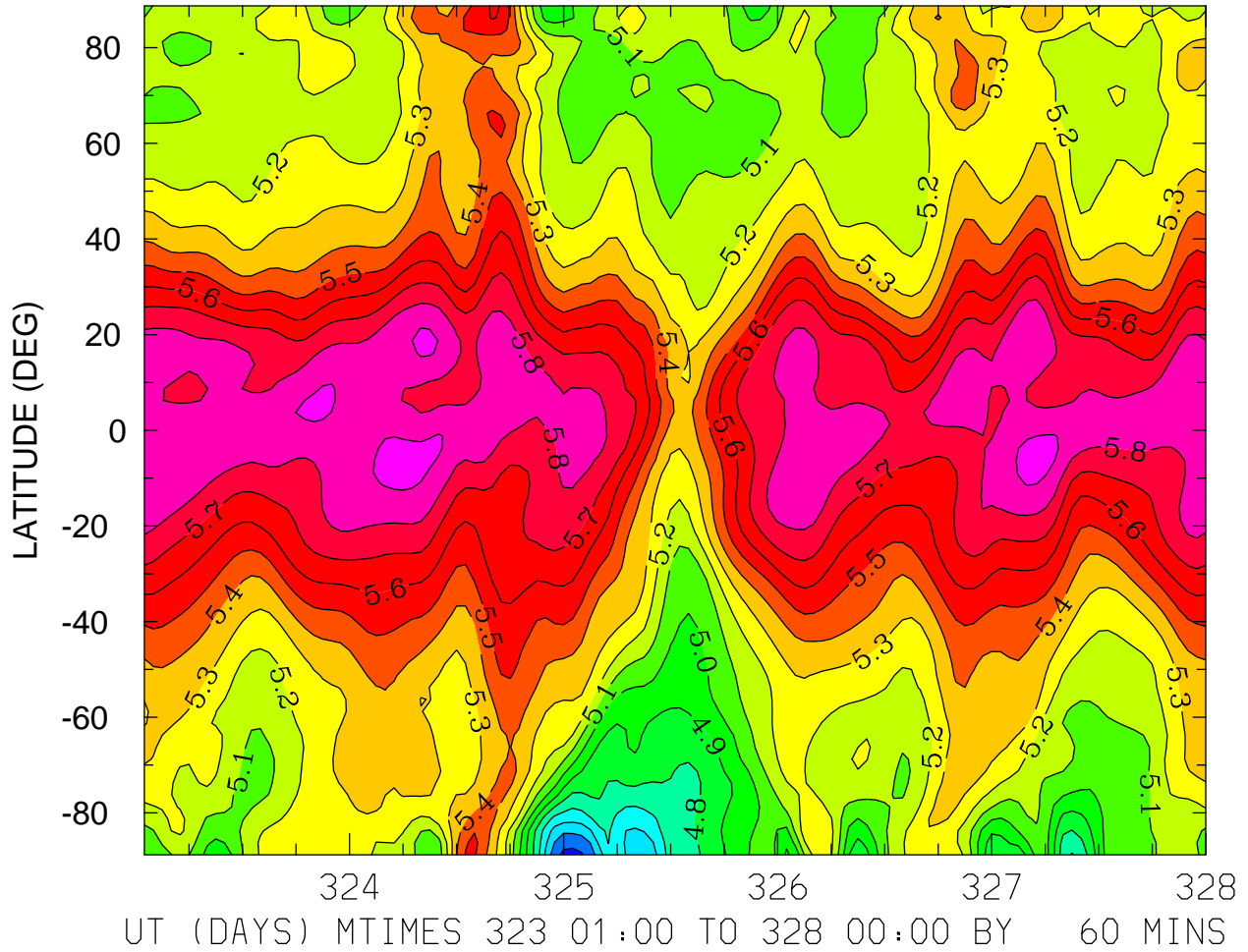


LOG10 ELECTRON DENSITY (CM3)  
ZP = 4.000 LOCAL TIME = 12.00



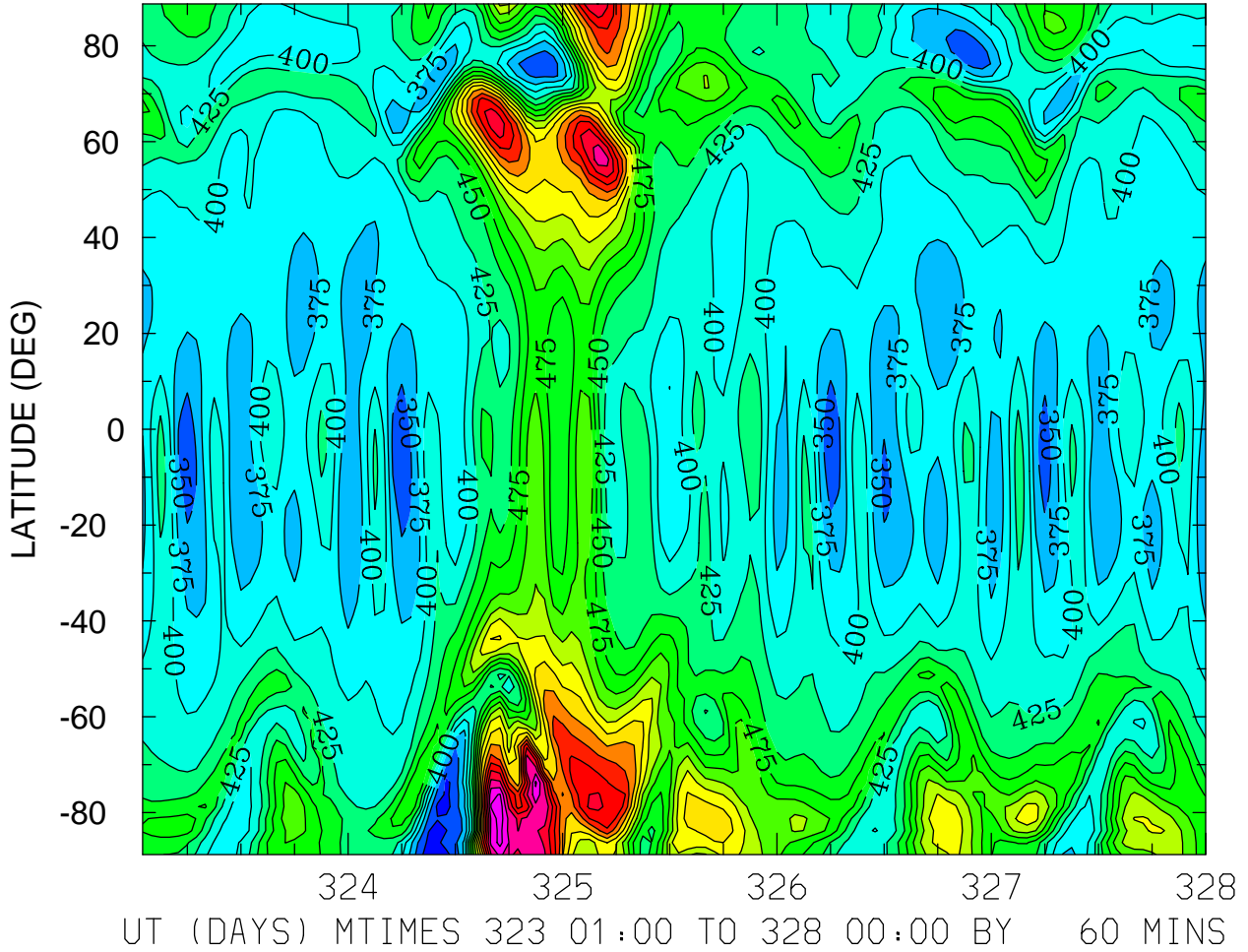
MIN,MAX= 4.3533E+00 6.3680E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
ZP = 4.000 ZONAL MEANS

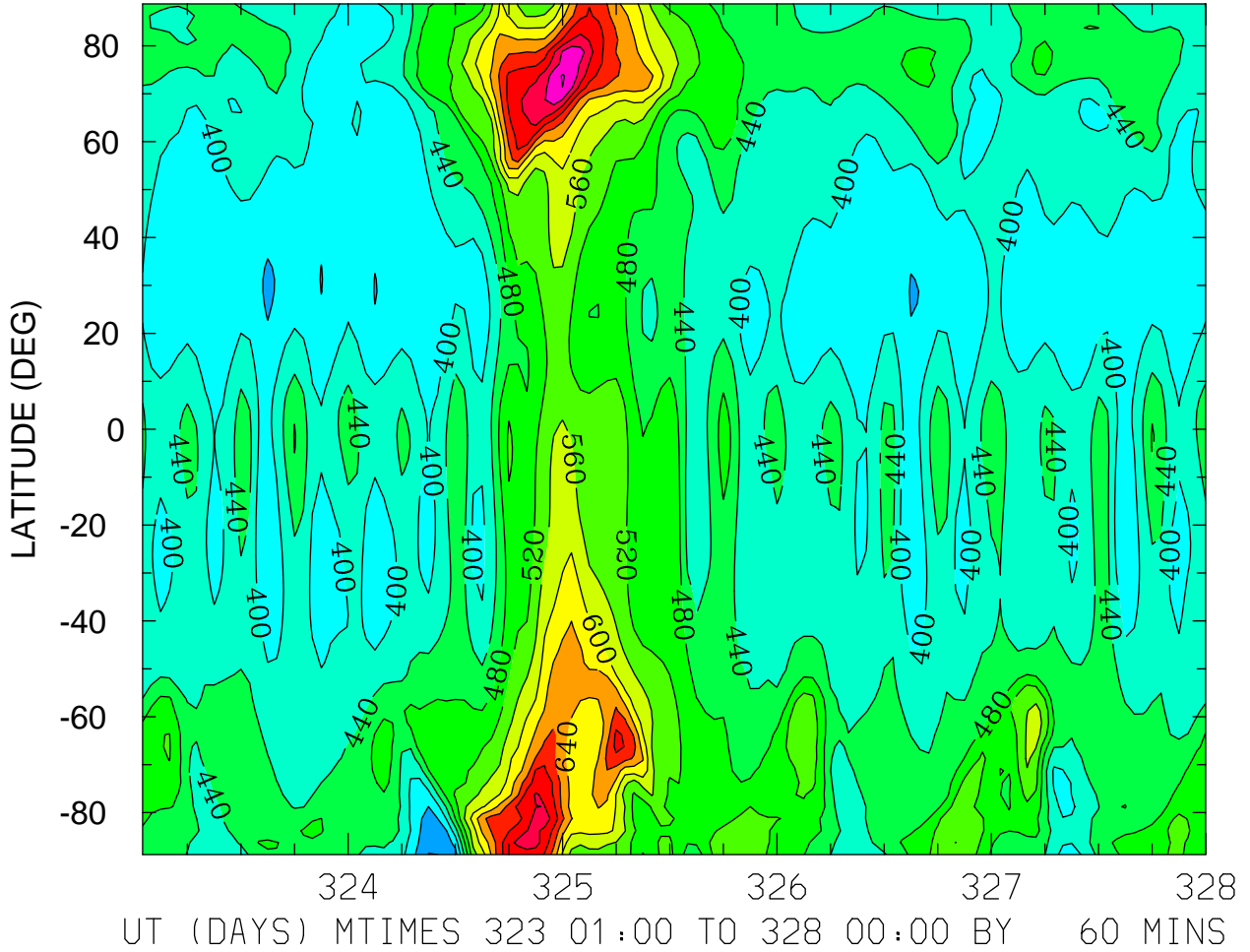


MIN,MAX= 4.3677E+00 5.9414E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
ZP = -4.125 LOCAL TIME = 0.00

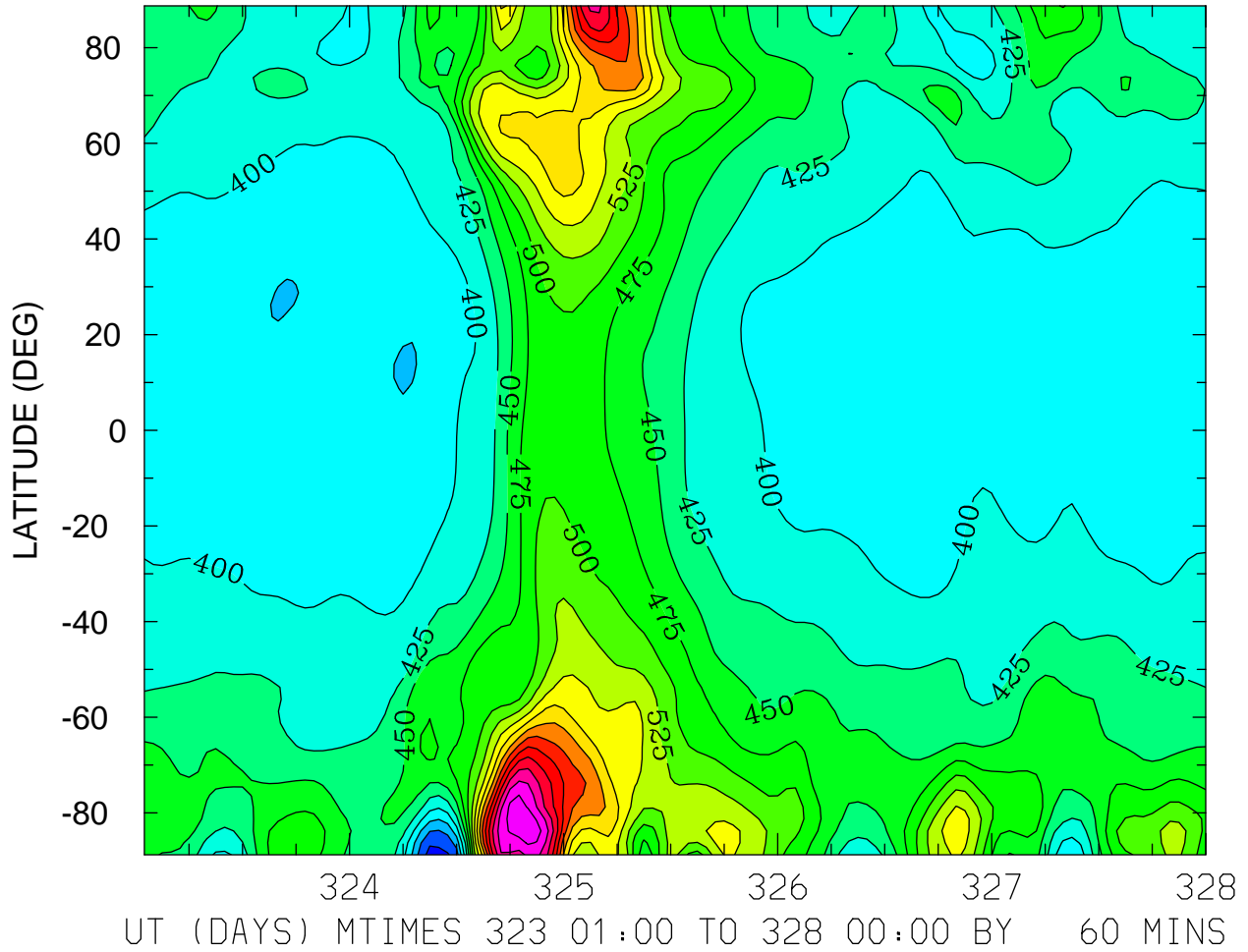


ELECTRON TEMPERATURE (DEG K)  
ZP = -4.125 LOCAL TIME = 12.00



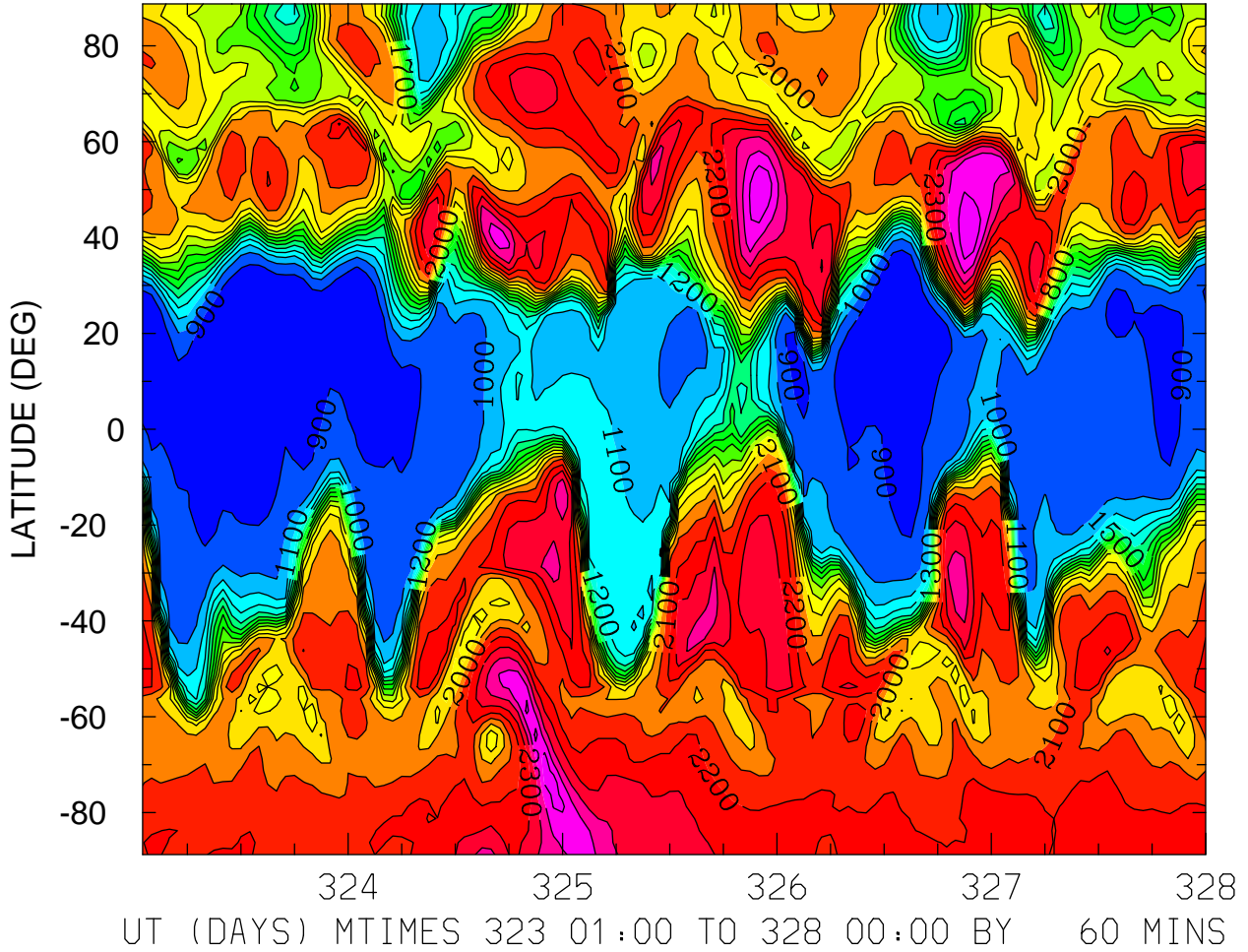
MIN,MAX= 3.1851E+02 8.4292E+02 INTERVAL= 4.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
ZP = -4.125 ZONAL MEANS



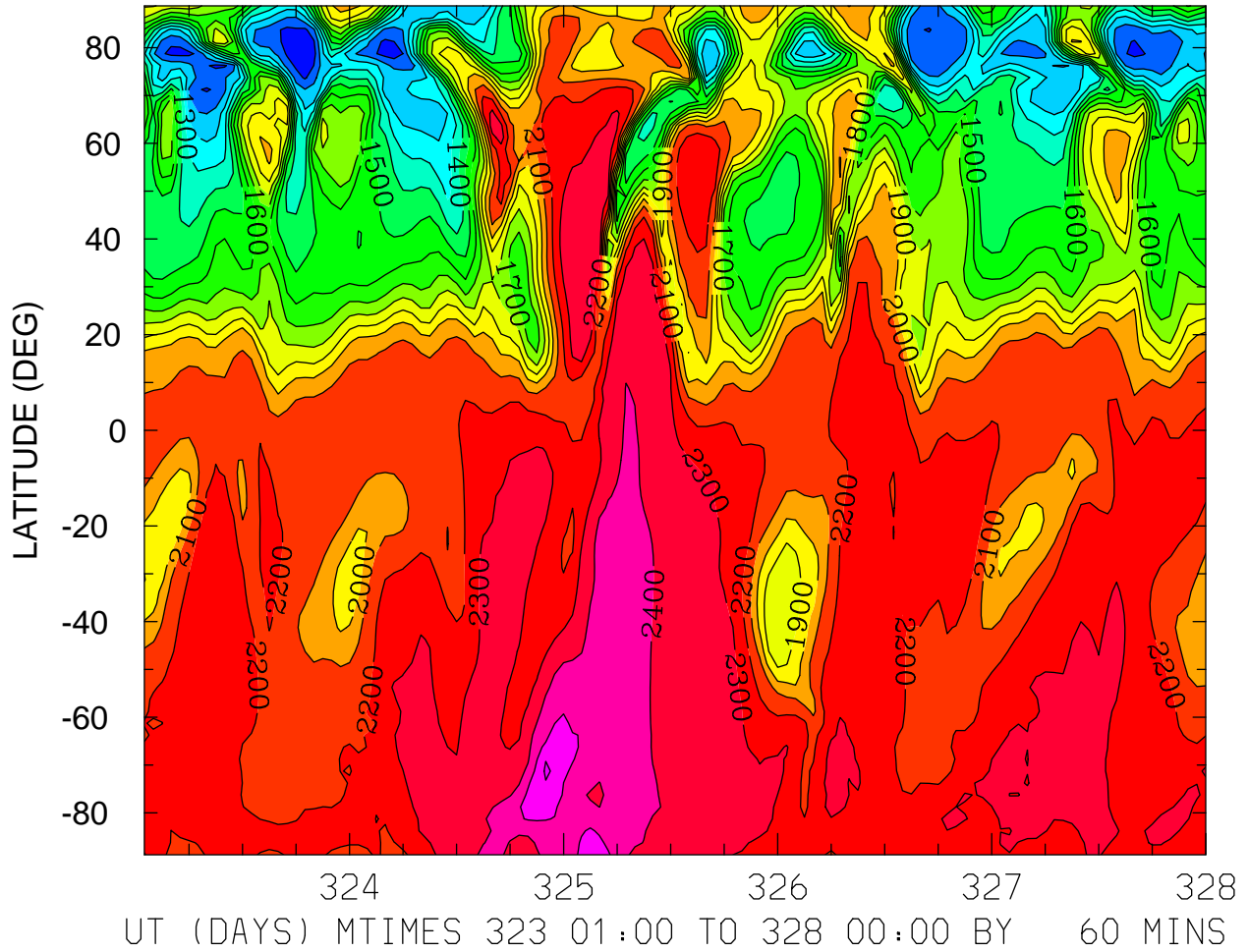
MIN,MAX= 3.1532E+02 7.7034E+02 INTERVAL= 2.5000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
ZP = -0.125 LOCAL TIME = 0.00



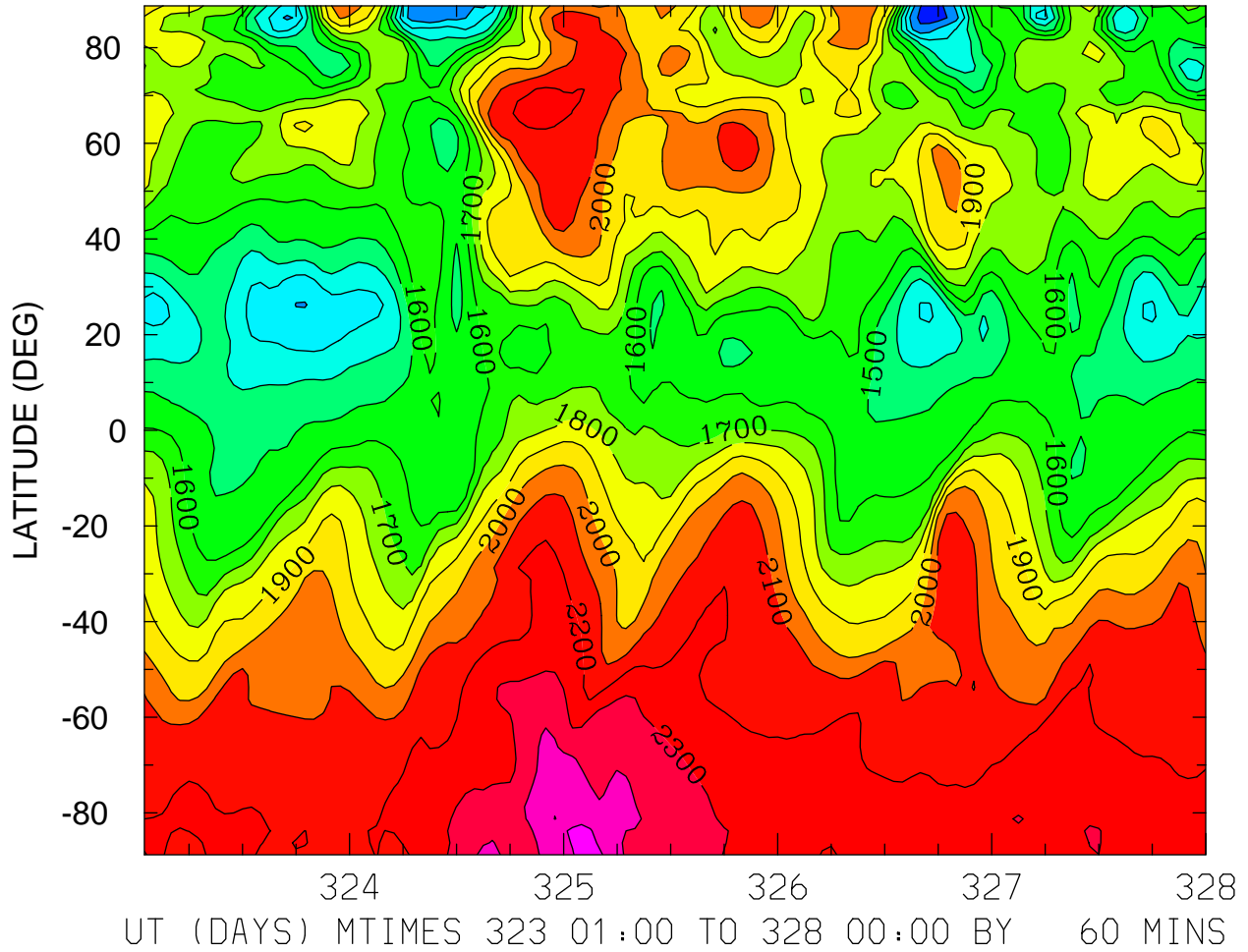
MIN,MAX= 8.3140E+02 2.6867E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
ZP = -0.125 LOCAL TIME = 12.00



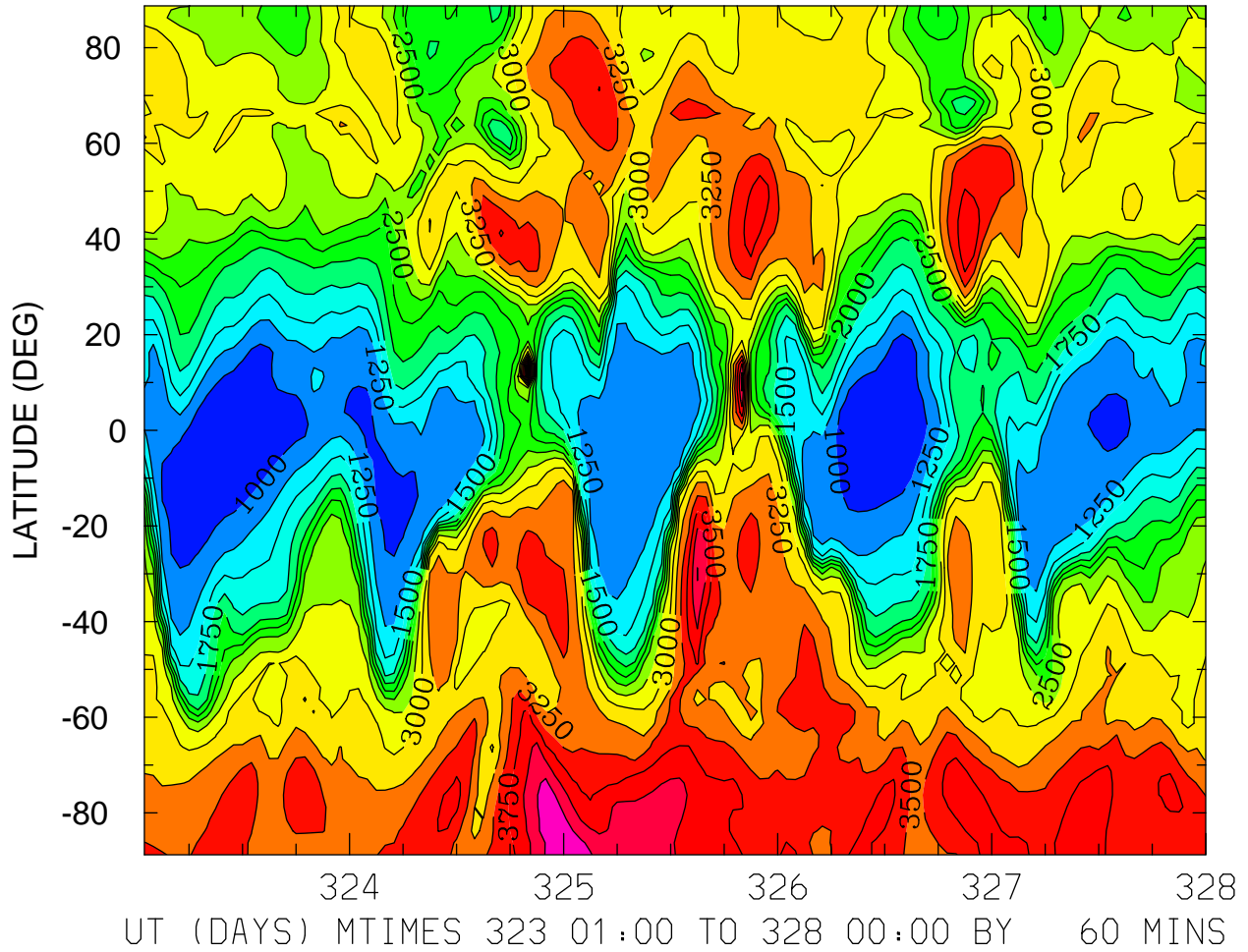


ELECTRON TEMPERATURE (DEG K)  
ZP = -0.125 ZONAL MEANS



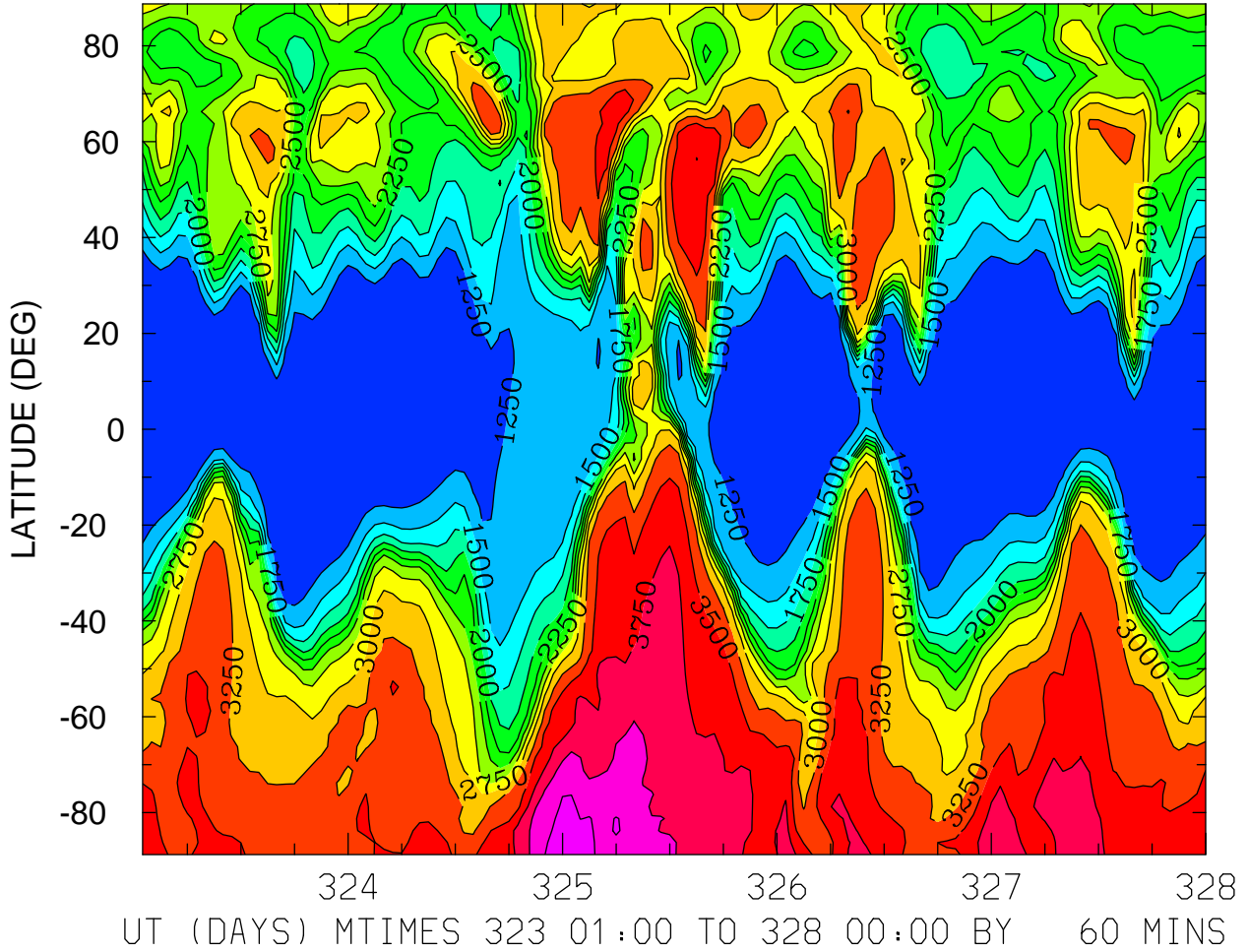
MIN,MAX= 1.0433E+03 2.5252E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
ZP = 3.875 LOCAL TIME = 0.00



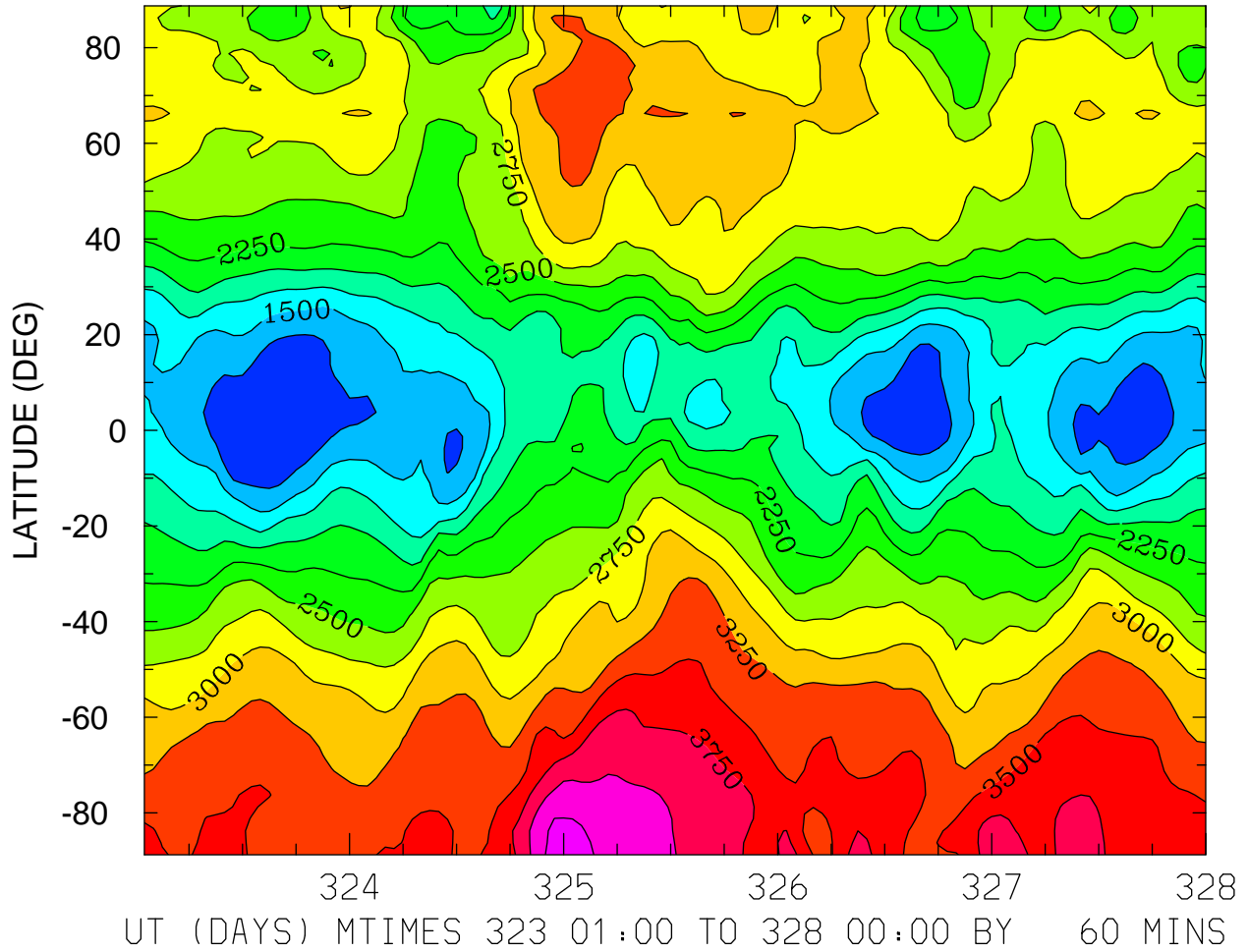
MIN,MAX= 9.0128E+02 4.6211E+03 INTERVAL= 2.5000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
ZP = 3.875 LOCAL TIME = 12.00



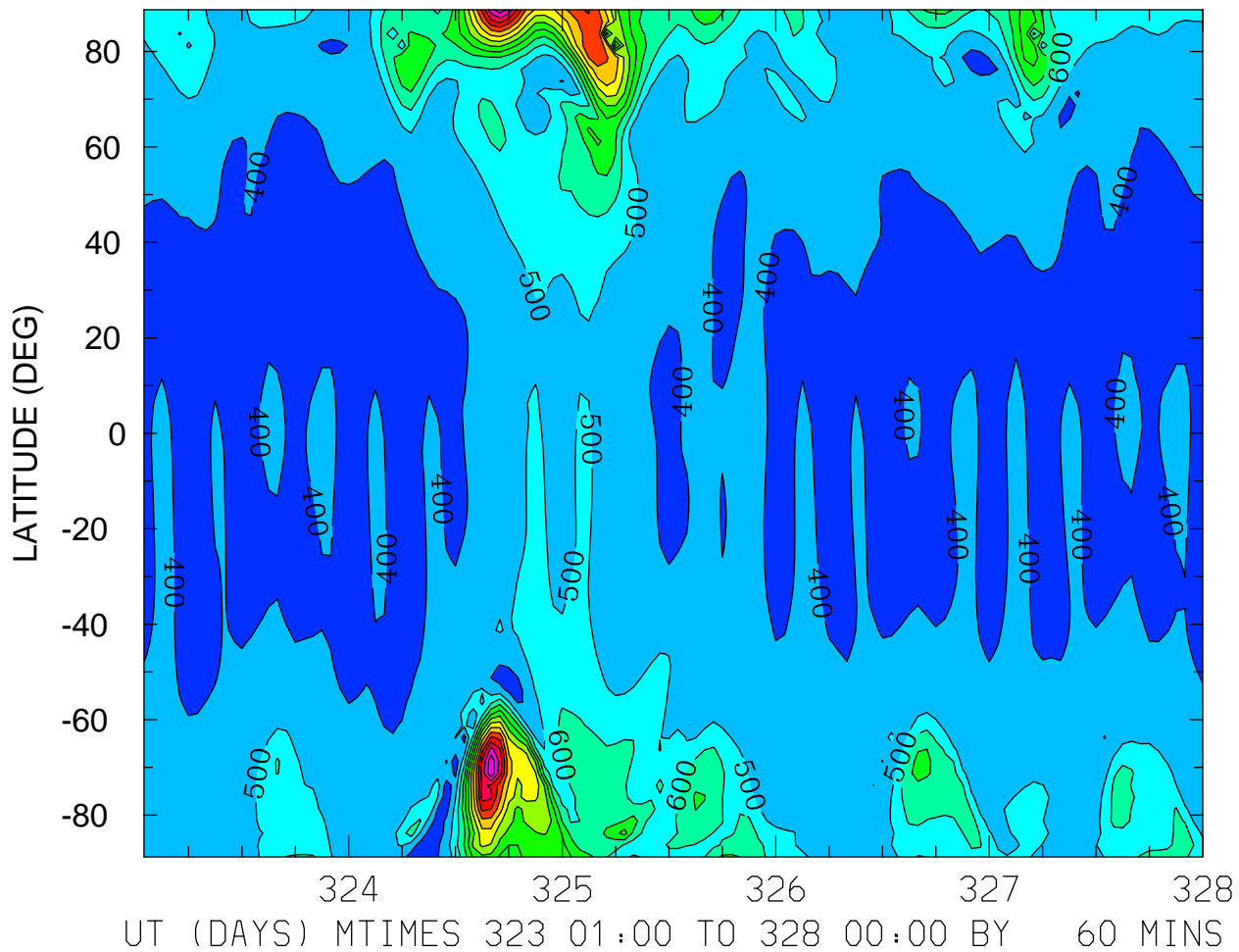
MIN,MAX= 1.0249E+03 4.4423E+03 INTERVAL= 2.5000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
ZP = 3.875 ZONAL MEANS



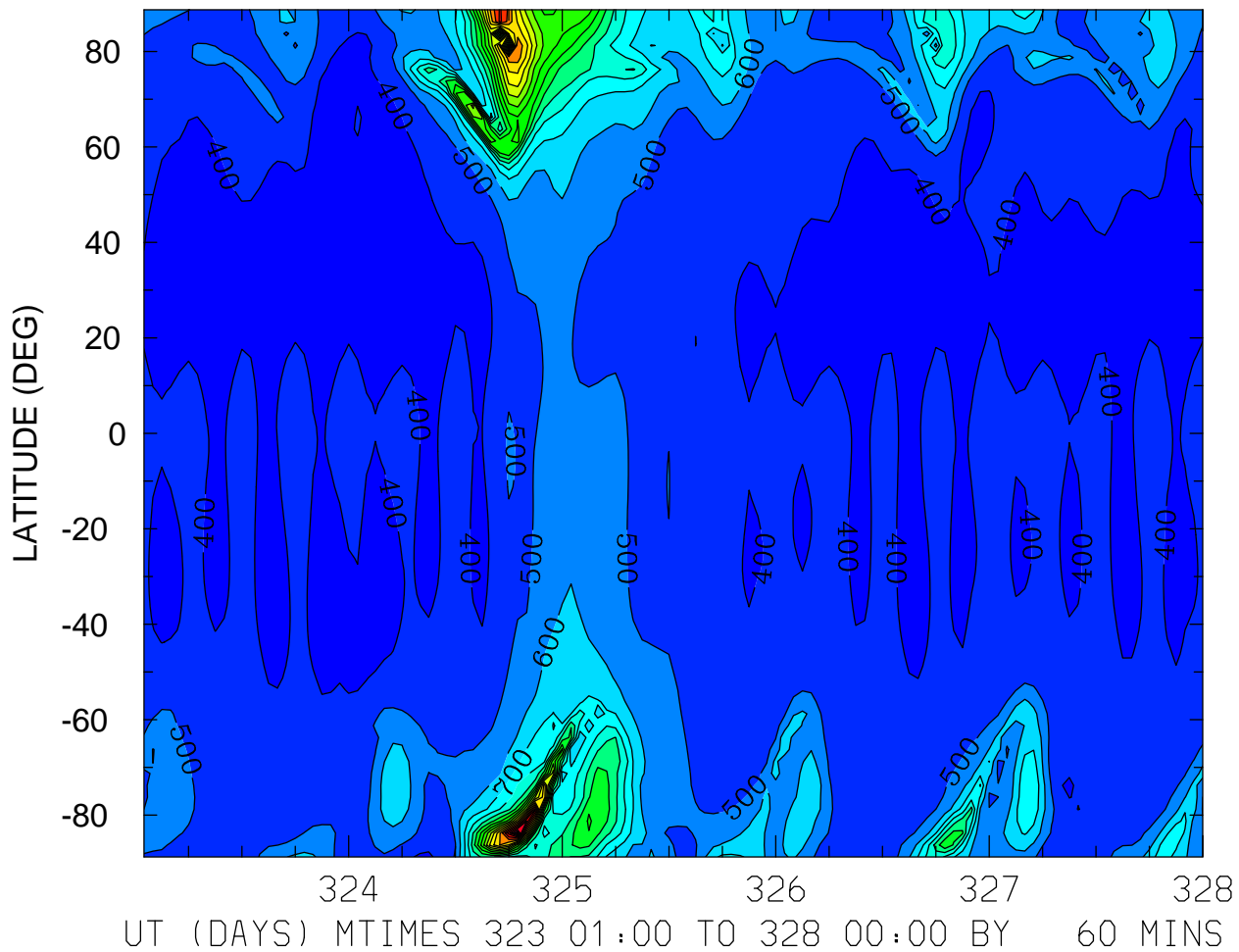
MIN,MAX= 9.9806E+02 4.4417E+03 INTERVAL= 2.5000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

ION TEMPERATURE (DEG K)  
ZP = -4.125 LOCAL TIME = 0.00



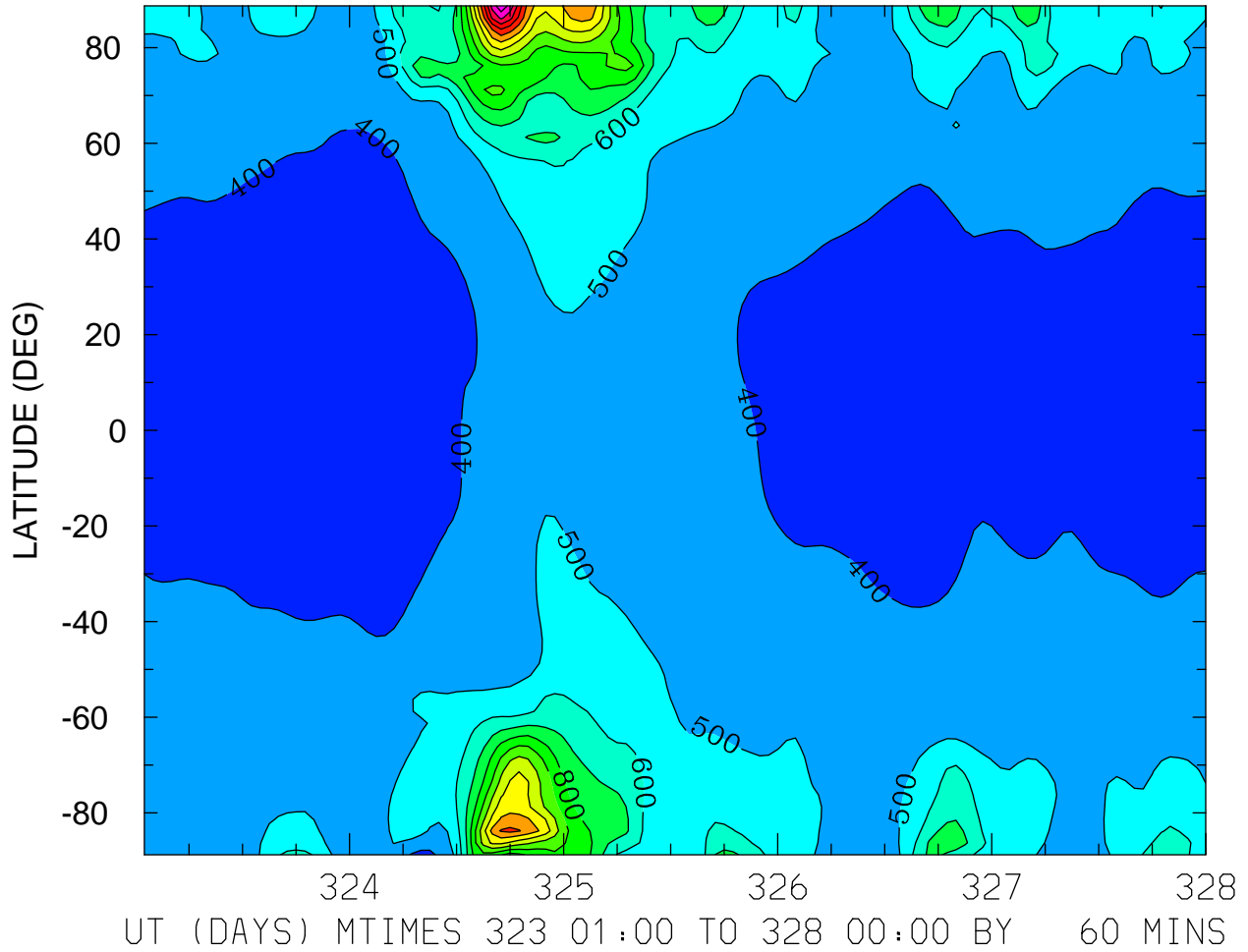
MIN,MAX= 3.2768E+02 1.6804E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

ION TEMPERATURE (DEG K)  
ZP = -4.125 LOCAL TIME = 12.00



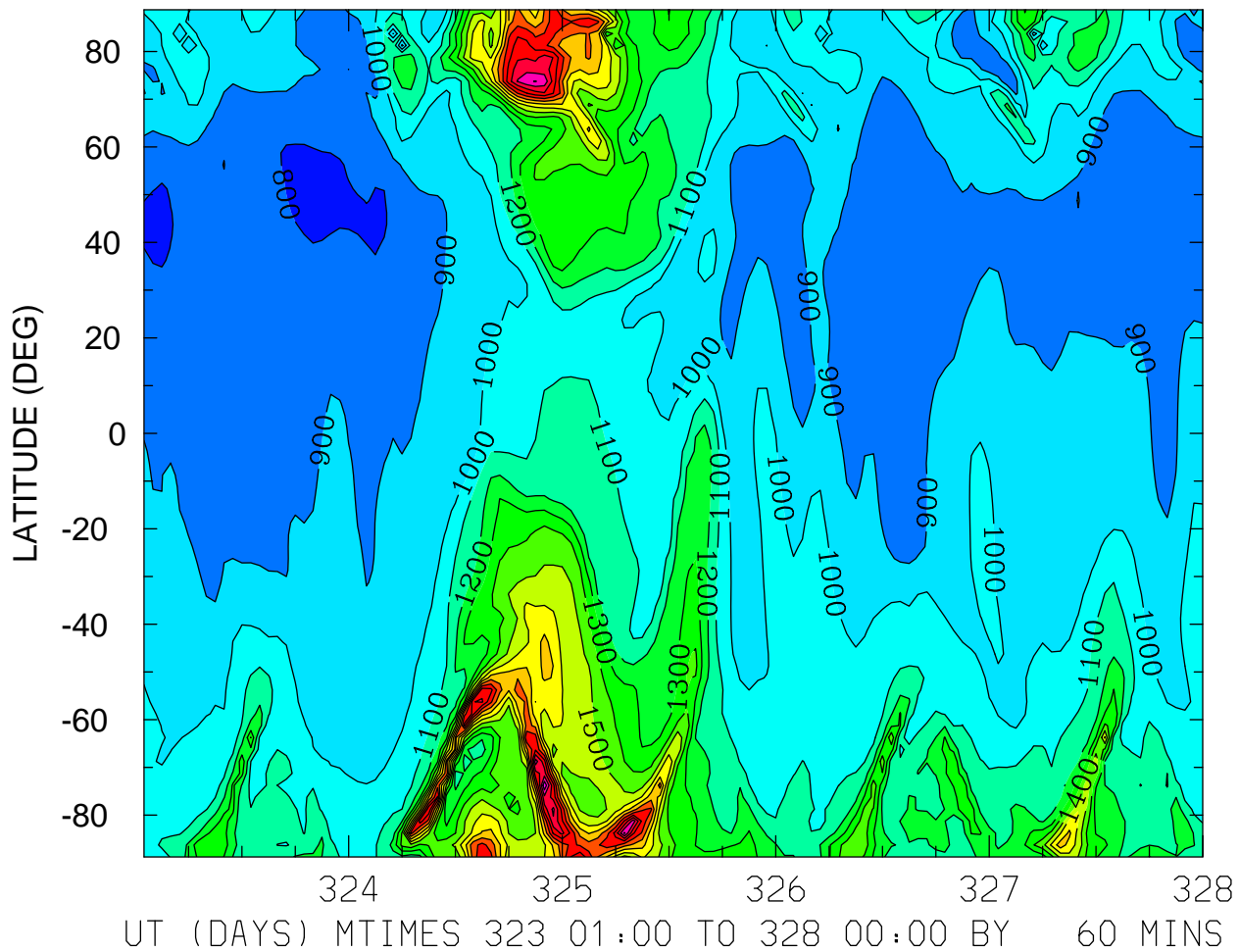
MIN,MAX= 3.5096E+02 2.4118E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

ION TEMPERATURE (DEG K)  
ZP = -4.125 ZONAL MEANS



MIN,MAX= 3.6991E+02 1.7762E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

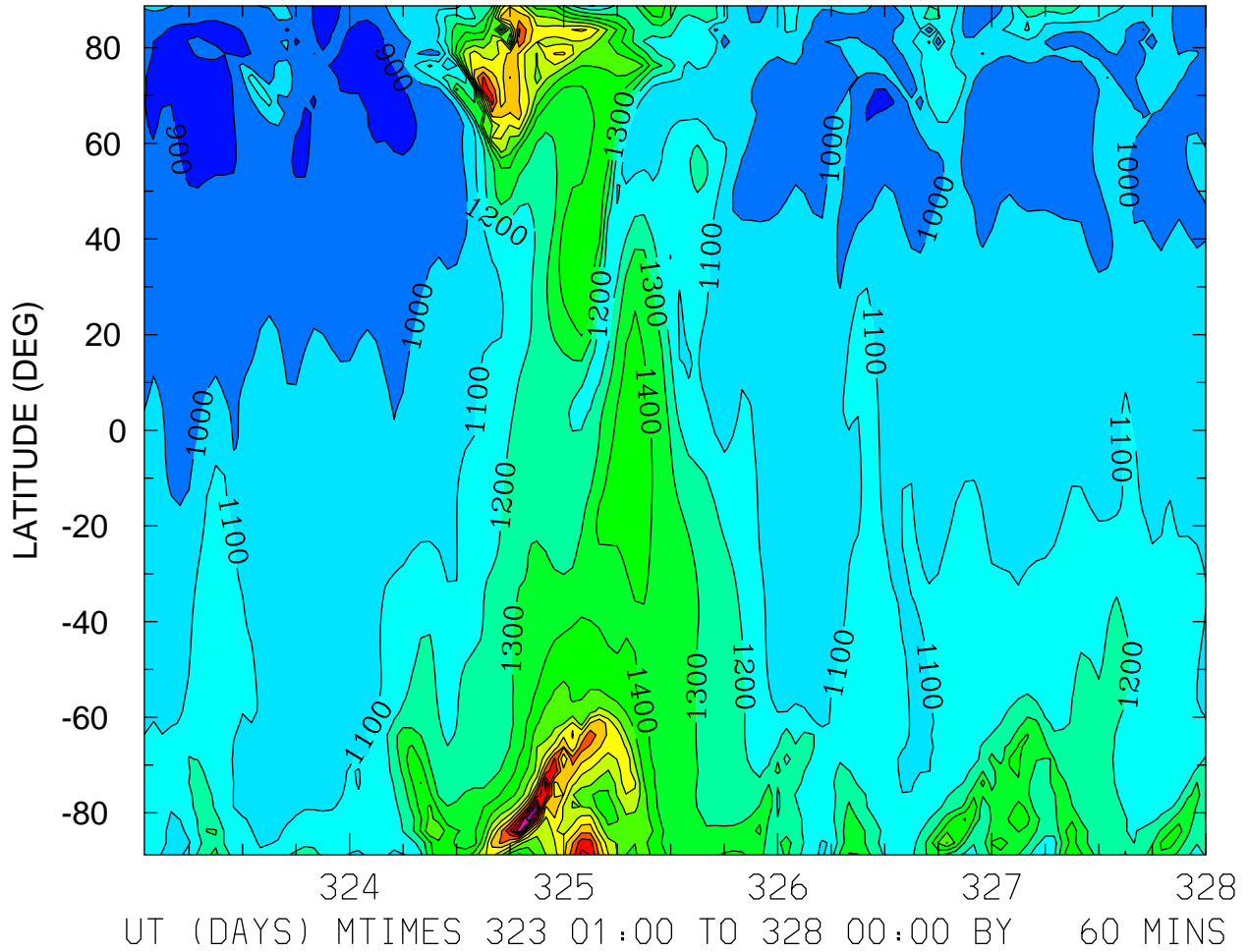
ION TEMPERATURE (DEG K)  
ZP = -0.125 LOCAL TIME = 0.00



MIN,MAX= 7.8107E+02 2.3792E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

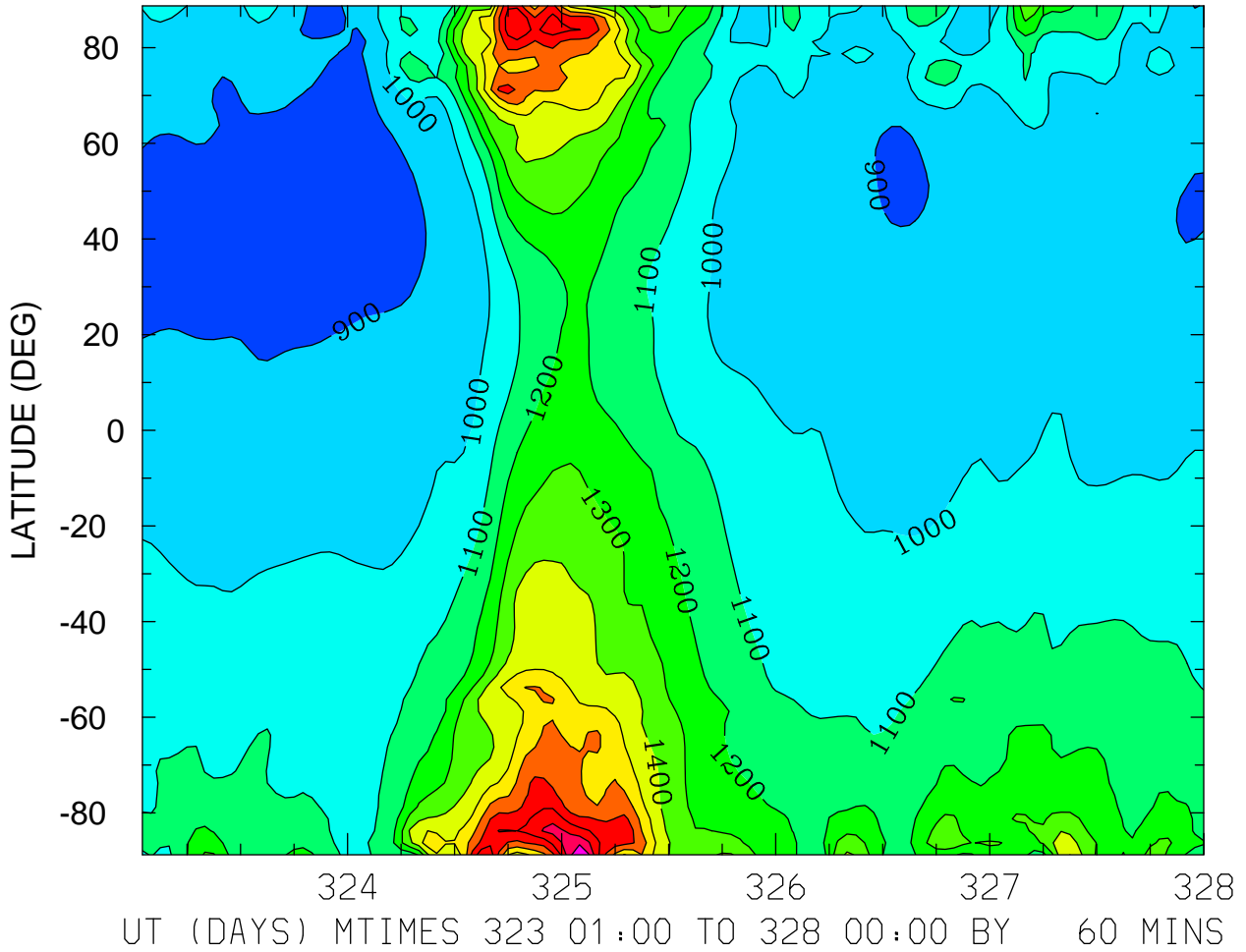


ION TEMPERATURE (DEG K)  
ZP = -0.125 LOCAL TIME = 12.00



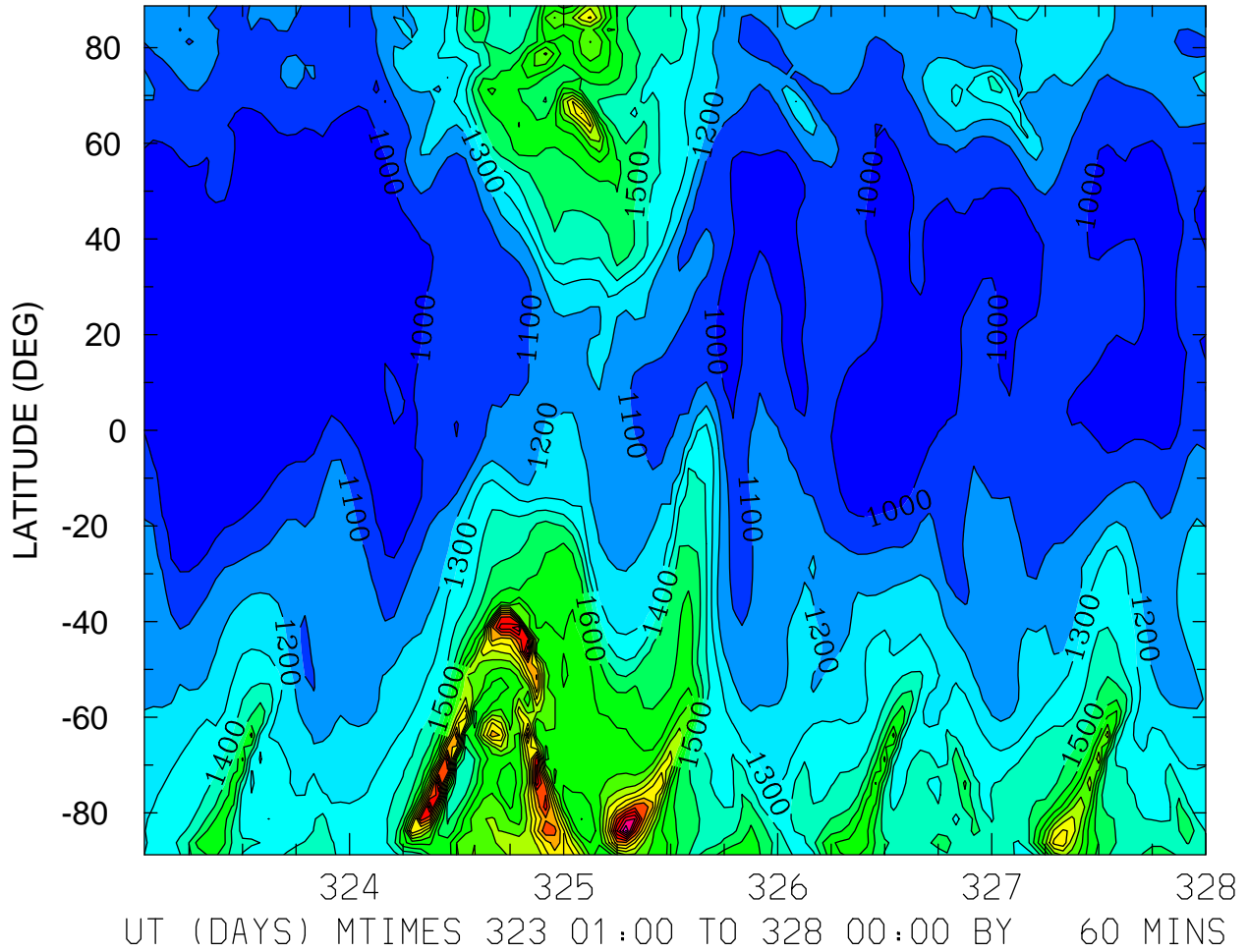
MIN,MAX= 8.3145E+02 2.4869E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

ION TEMPERATURE (DEG K)  
ZP = -0.125 ZONAL MEANS



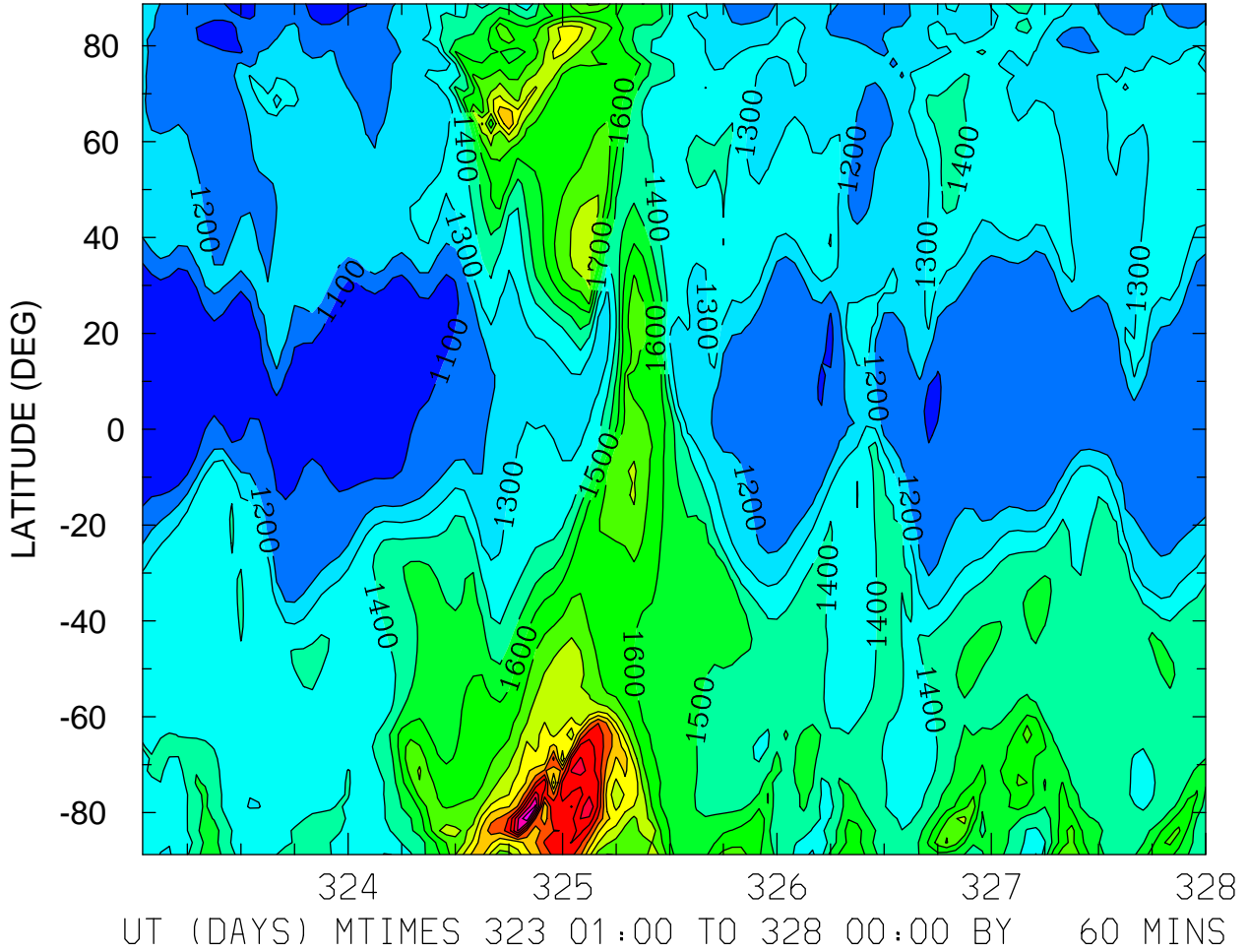
MIN,MAX= 8.4414E+02 2.0941E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

ION TEMPERATURE (DEG K)  
ZP = 3.875 LOCAL TIME = 0.00



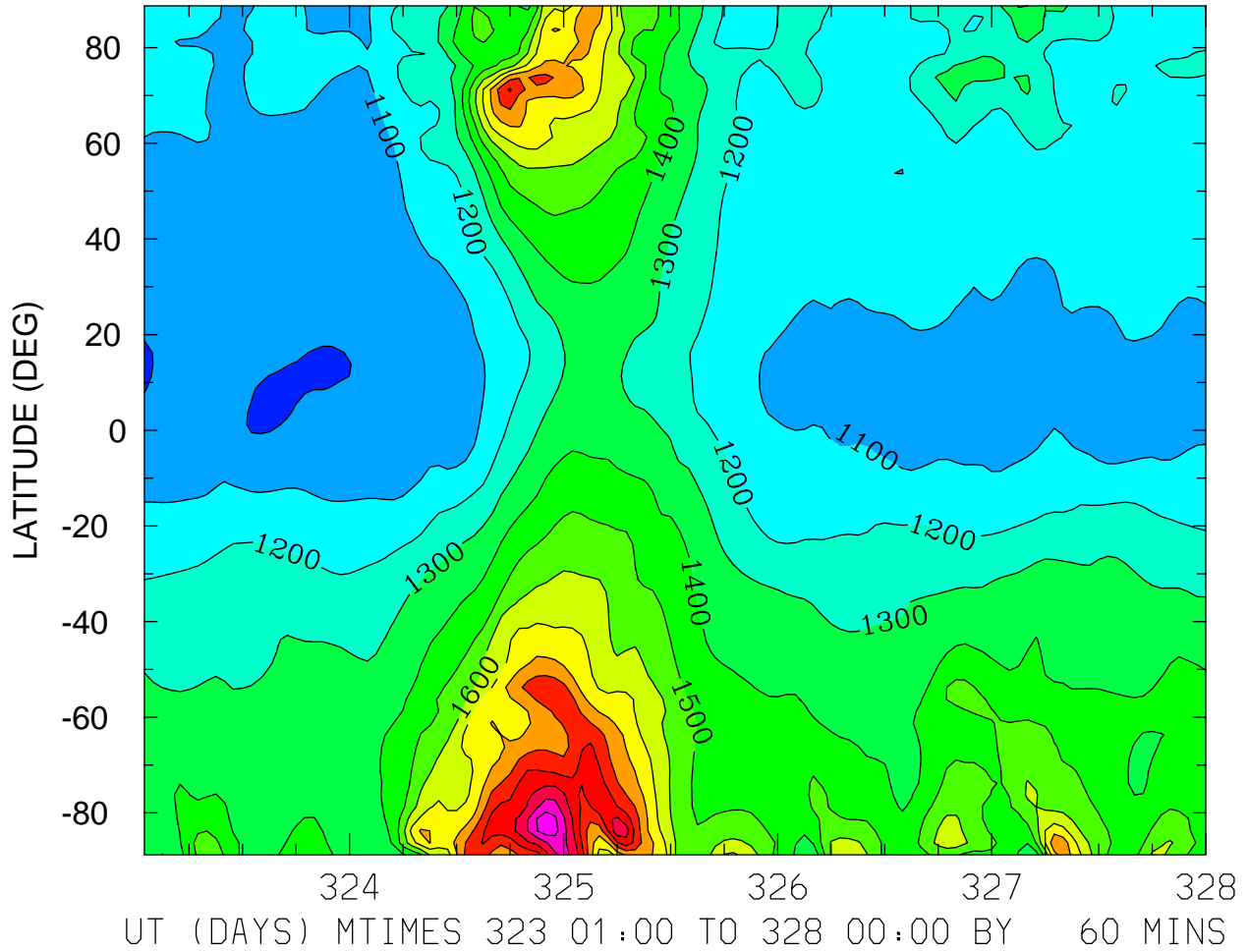
MIN,MAX= 8.9812E+02 2.9091E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

ION TEMPERATURE (DEG K)  
ZP = 3.875 LOCAL TIME = 12.00



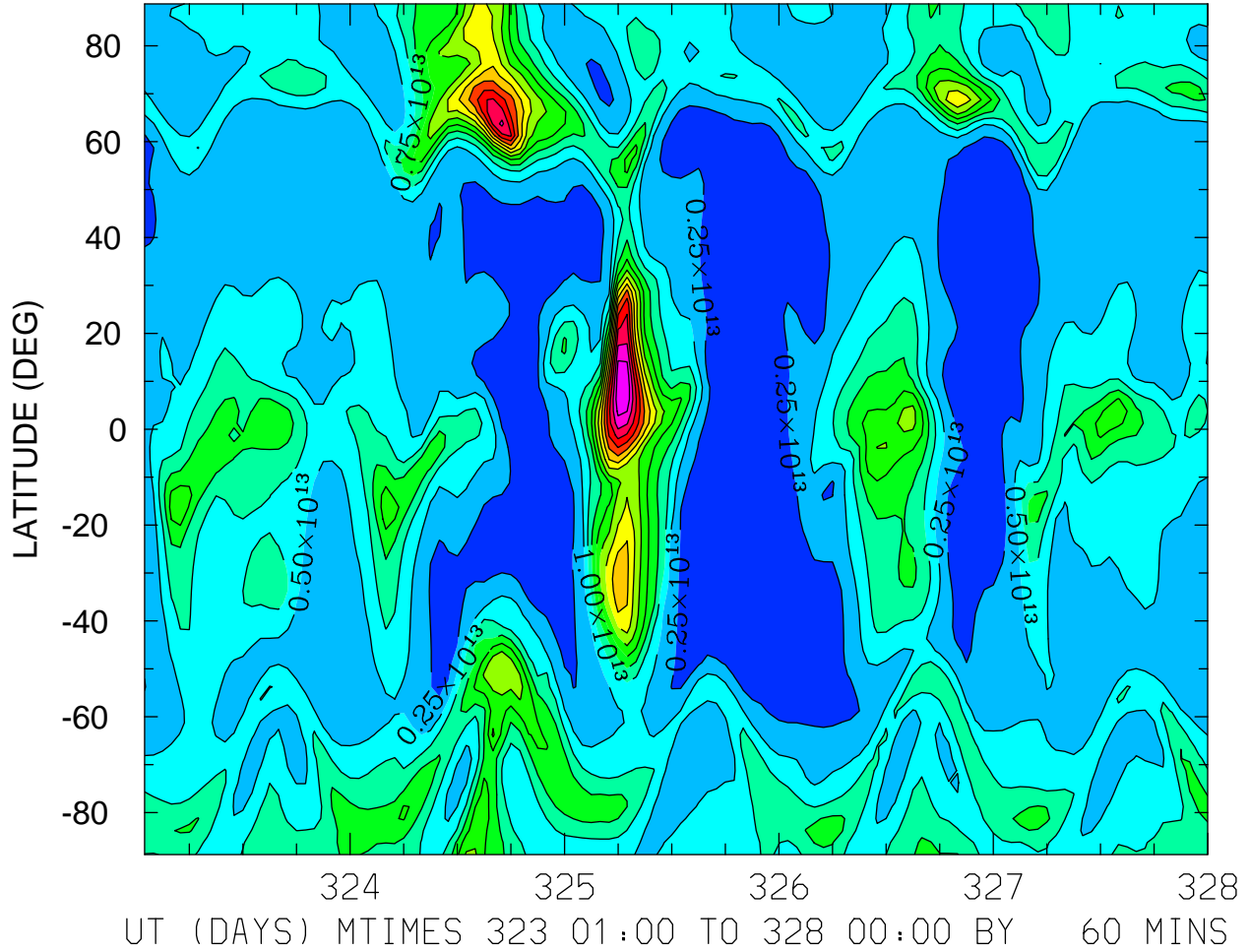
MIN,MAX= 1.0251E+03 2.6945E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

ION TEMPERATURE (DEG K)  
ZP = 3.875 ZONAL MEANS



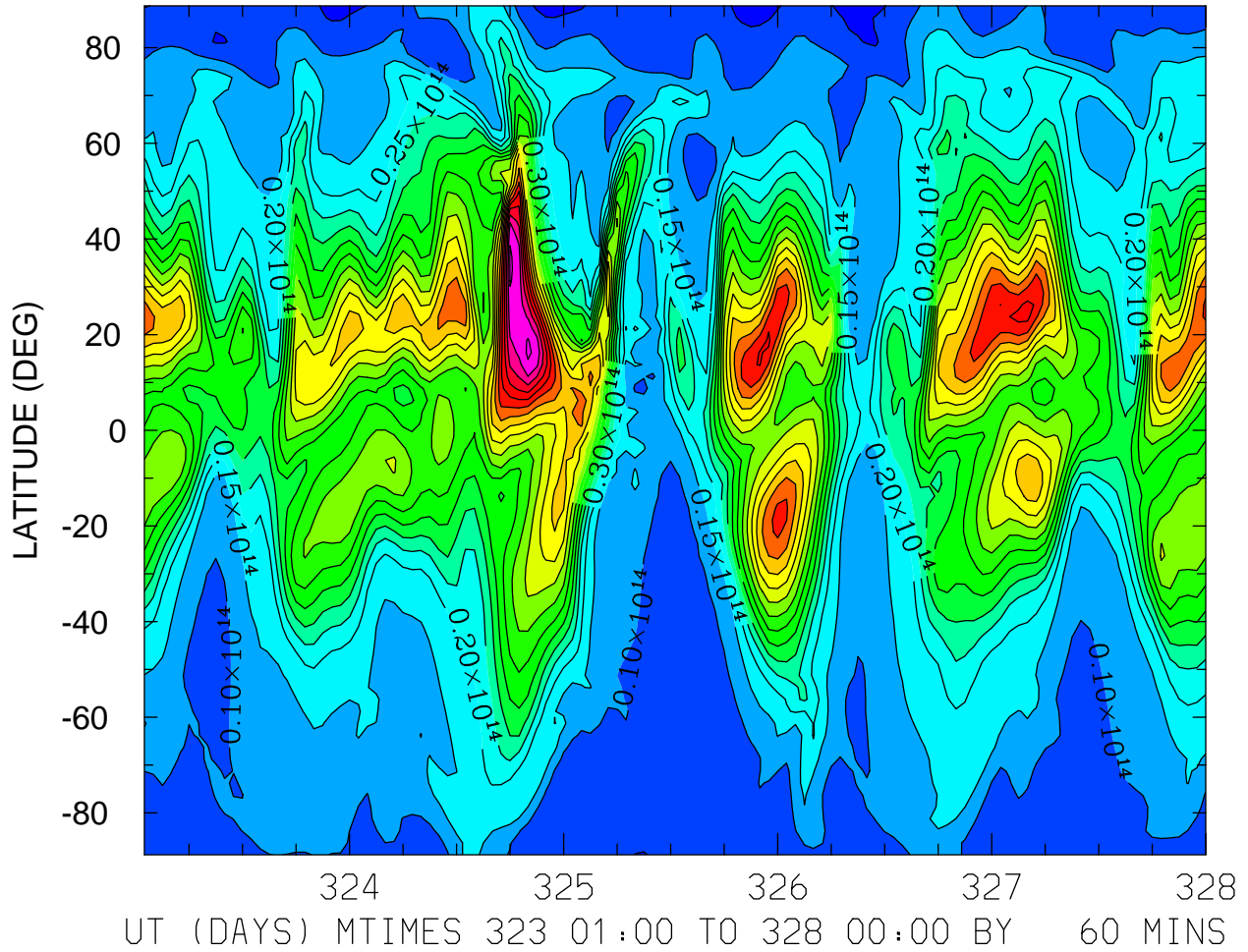
MIN,MAX= 9.8816E+02 2.3592E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

TEC: Total Electron Content ( )  
LOCAL TIME = 0.00



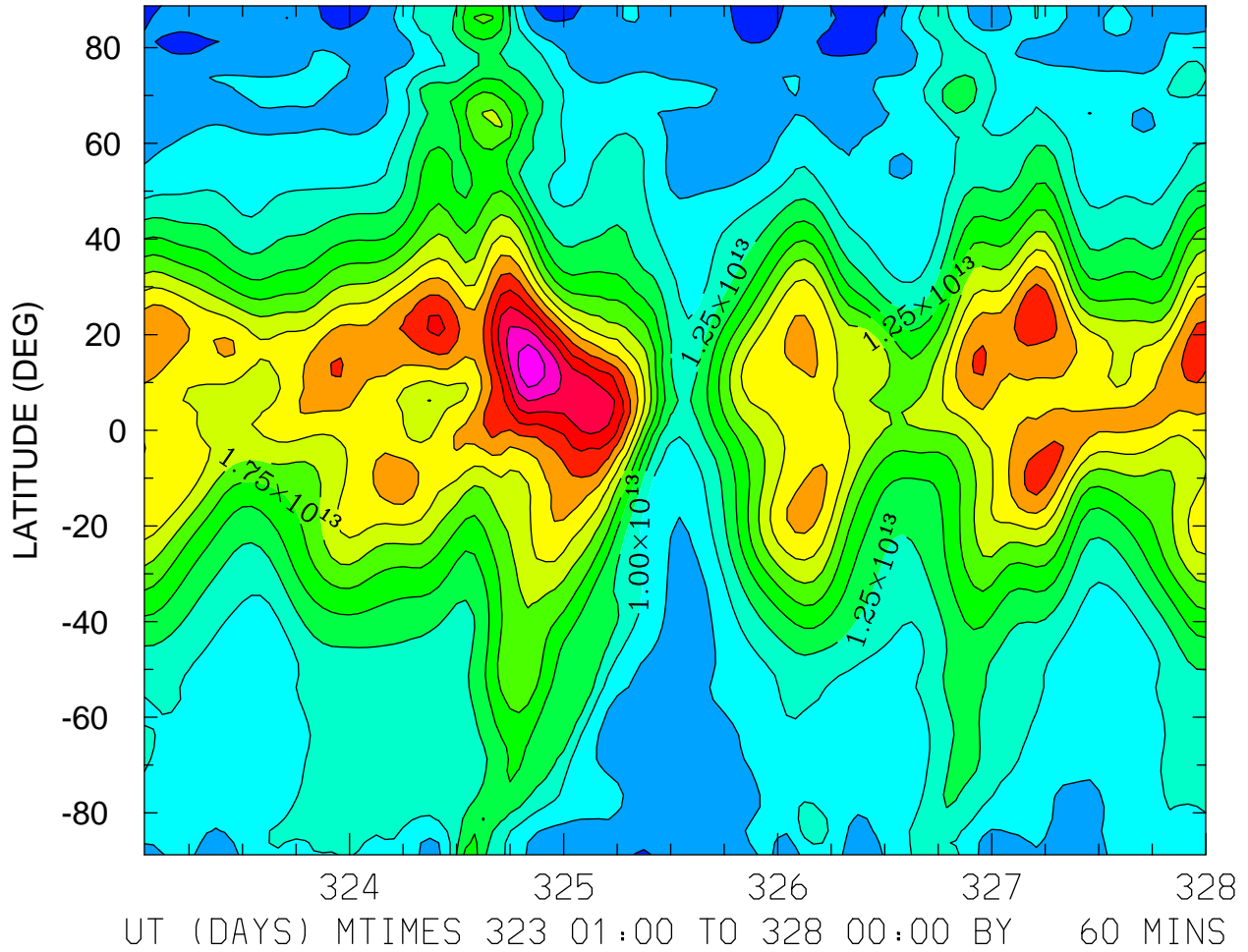
MIN,MAX= 1.2226E+11 3.4440E+13 INTERVAL= 2.5000E+12  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

TEC: Total Electron Content ( )  
LOCAL TIME = 12.00



MIN,MAX= 3.4616E+12 9.5965E+13 INTERVAL= 5.0000E+12  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

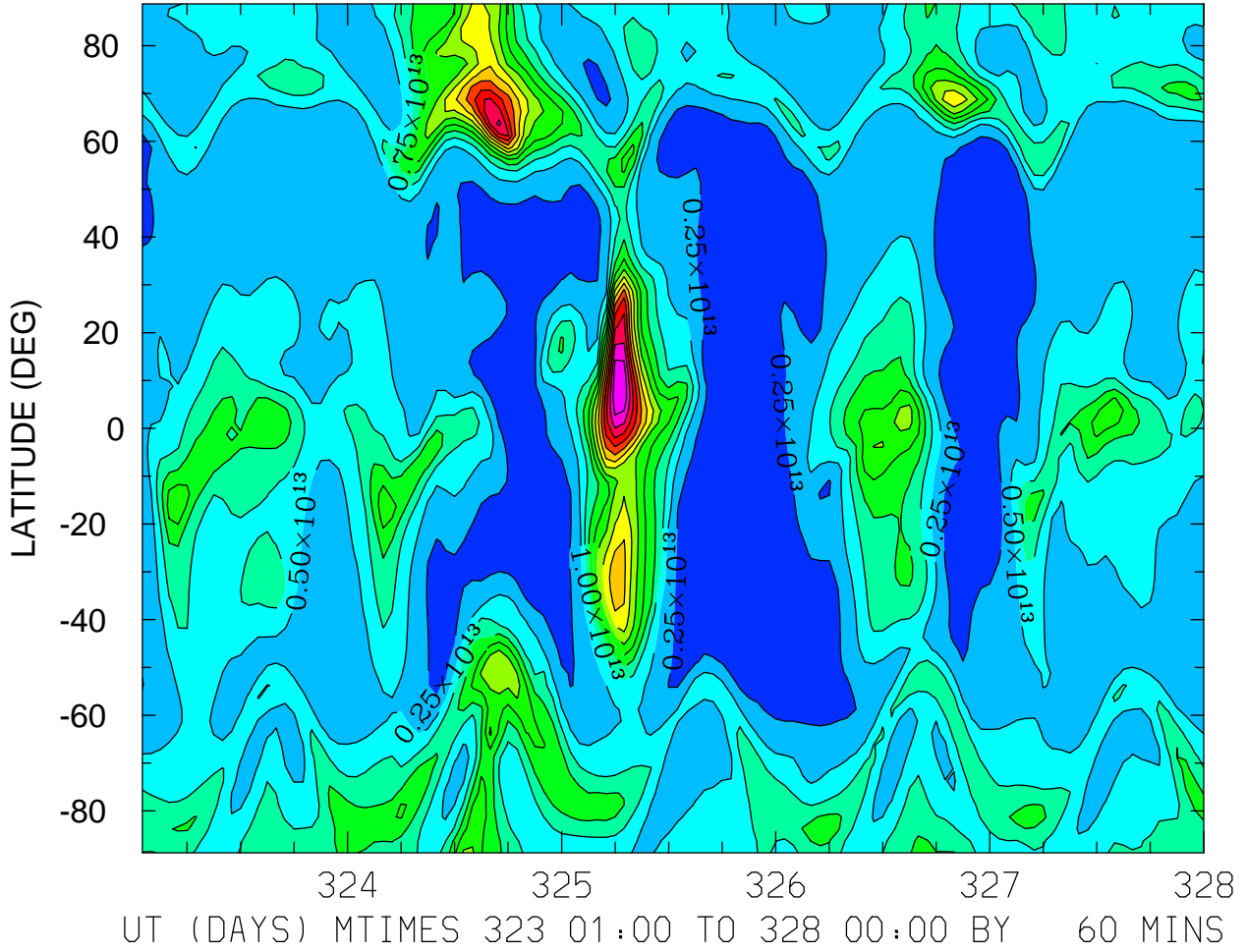
TEC: Total Electron Content ( )  
ZONAL MEANS



MIN,MAX= 3.6144E+12 3.9477E+13 INTERVAL= 2.5000E+12  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

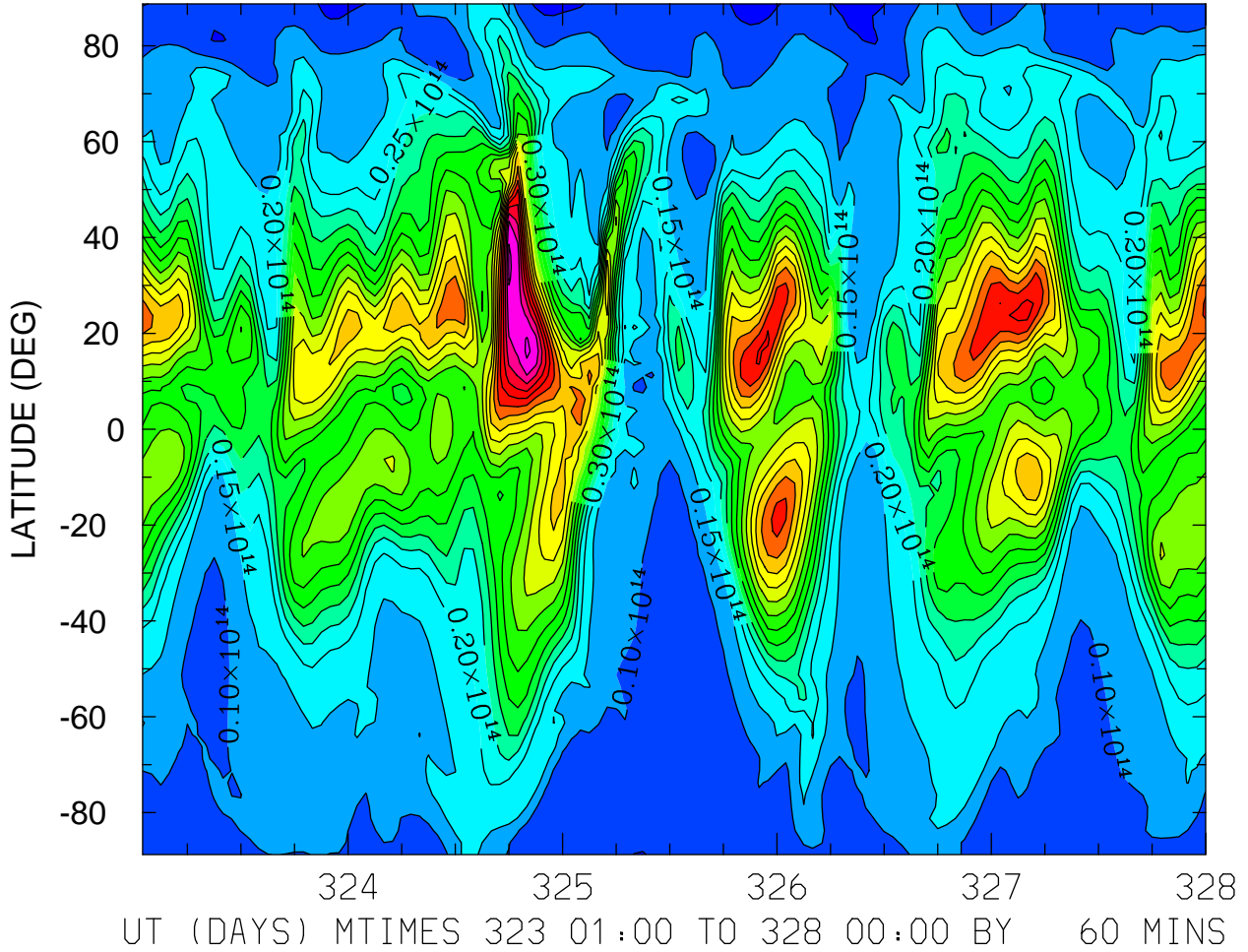


TEC: Total Electron Content ( )  
LOCAL TIME = 0.00



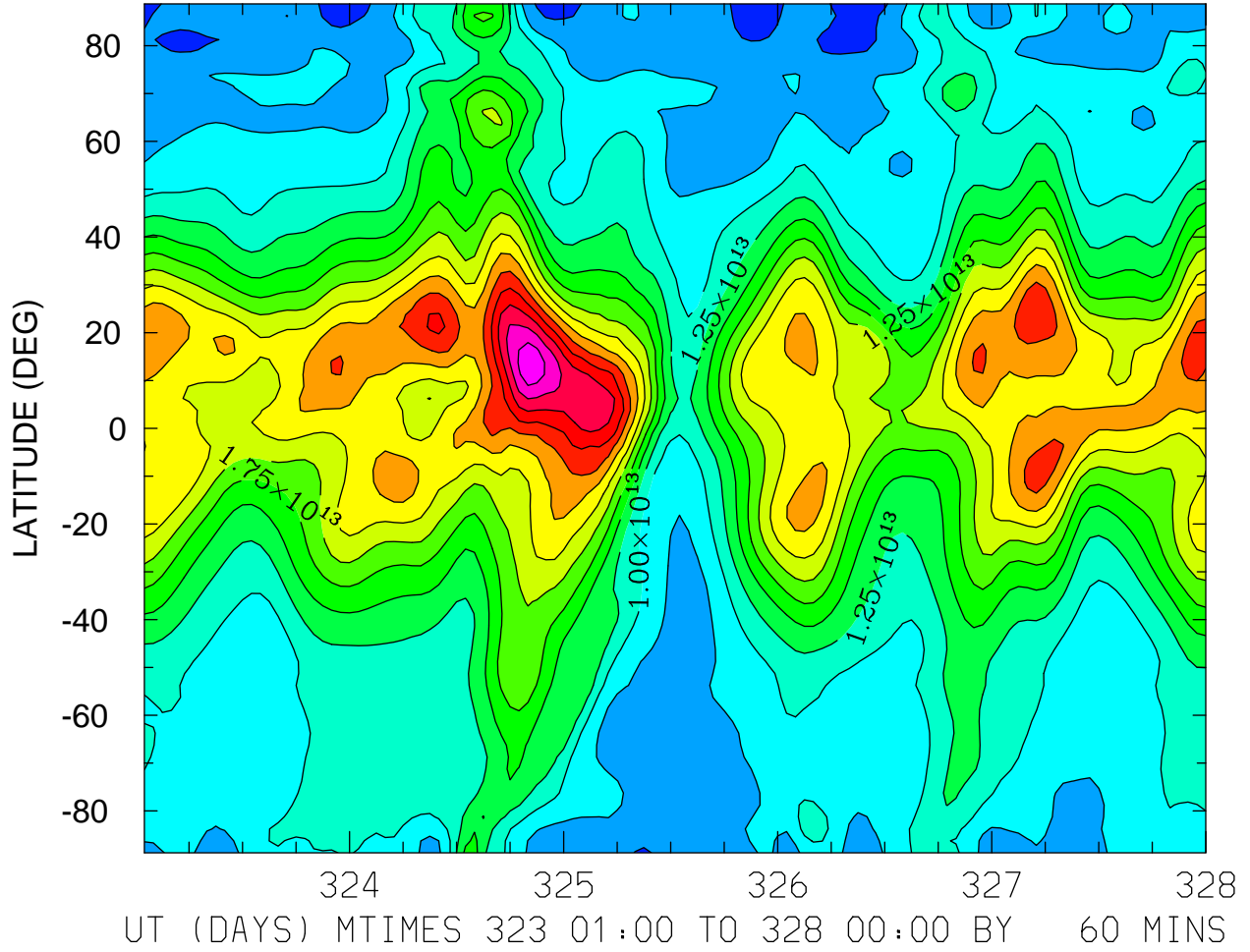
MIN,MAX= 1.2226E+11 3.4440E+13 INTERVAL= 2.5000E+12  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

TEC: Total Electron Content ( )  
LOCAL TIME = 12.00



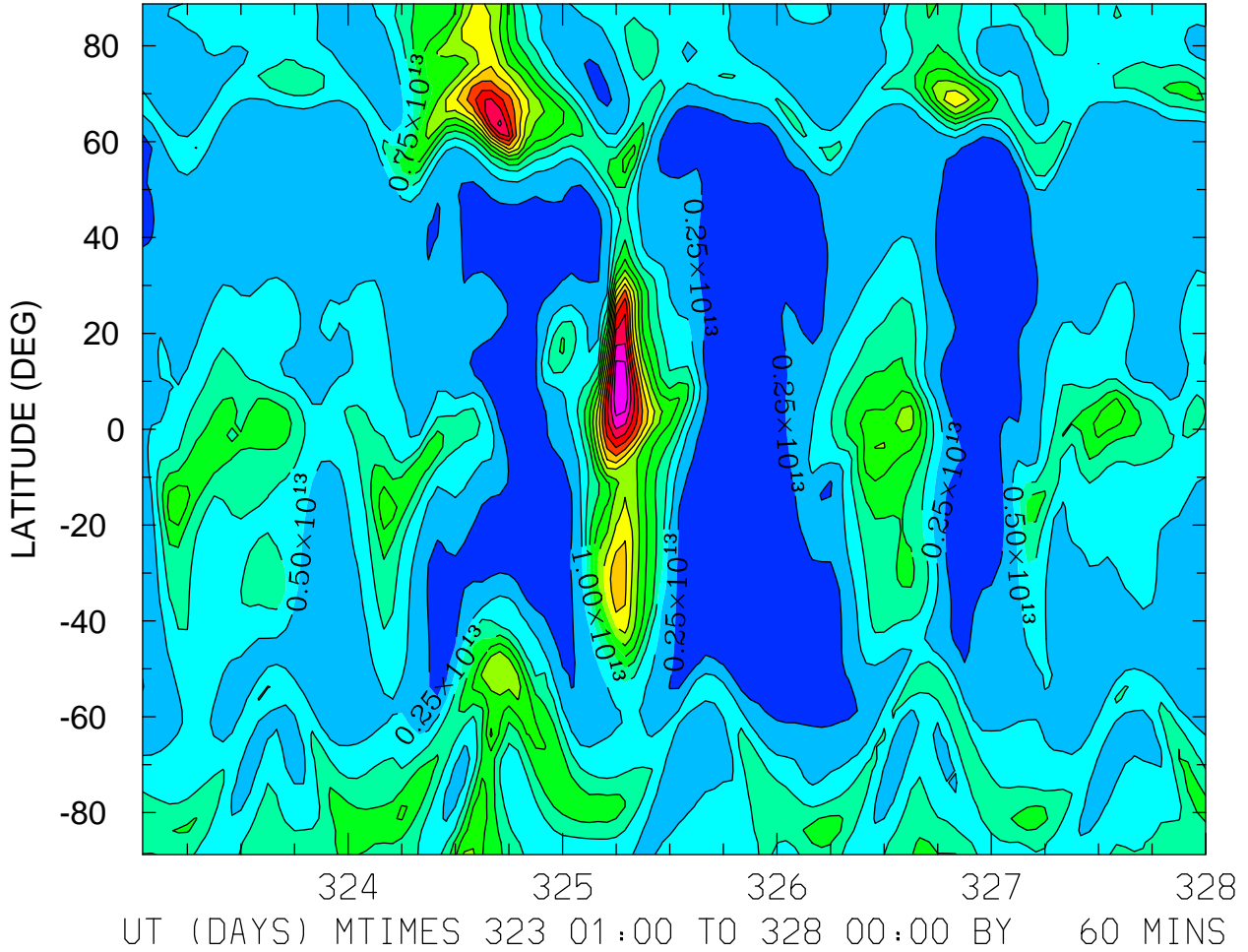
MIN,MAX= 3.4616E+12 9.5965E+13 INTERVAL= 5.0000E+12  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

TEC: Total Electron Content ( )  
ZONAL MEANS



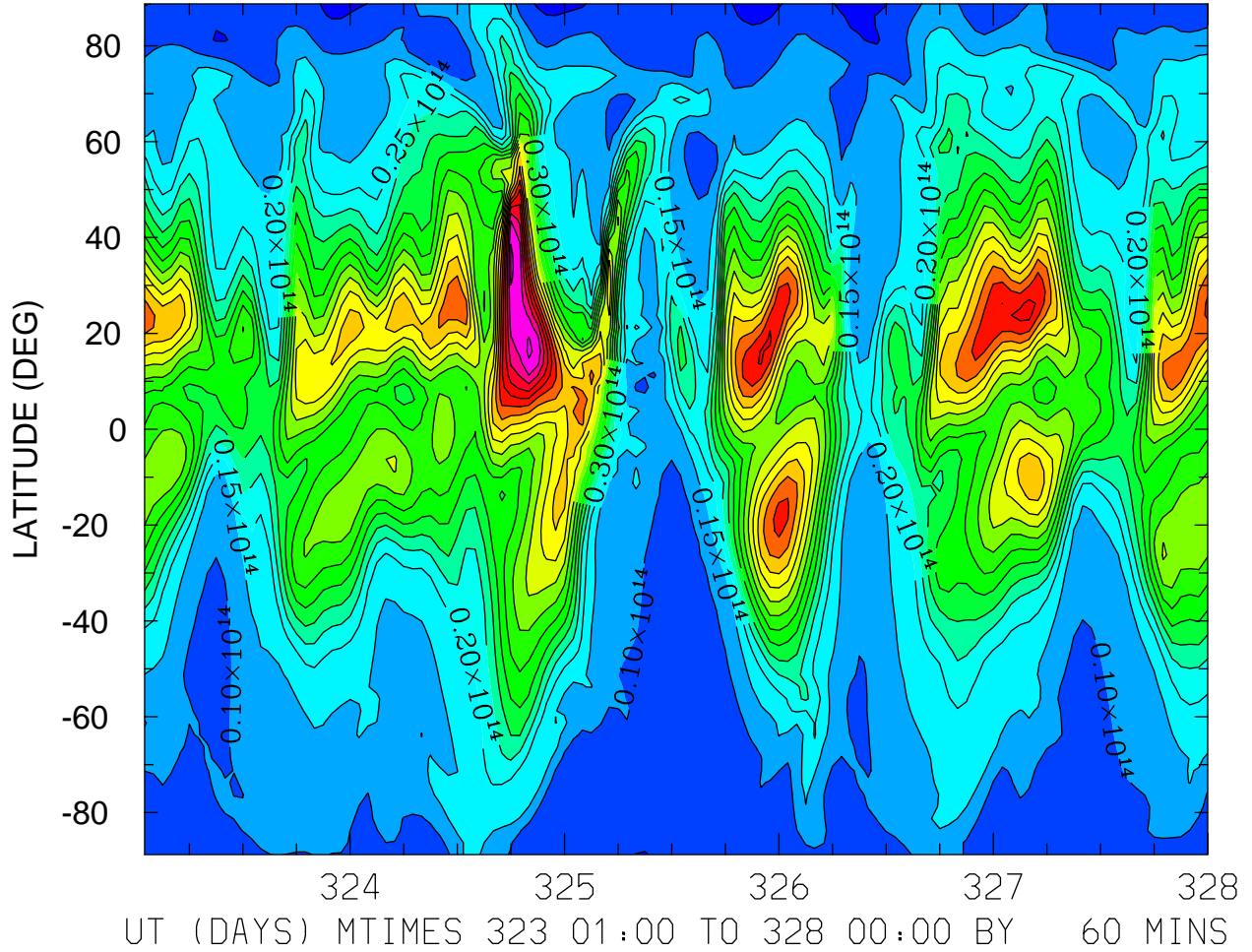
MIN,MAX= 3.6144E+12 3.9477E+13 INTERVAL= 2.5000E+12  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

TEC: Total Electron Content ( )  
LOCAL TIME = 0.00



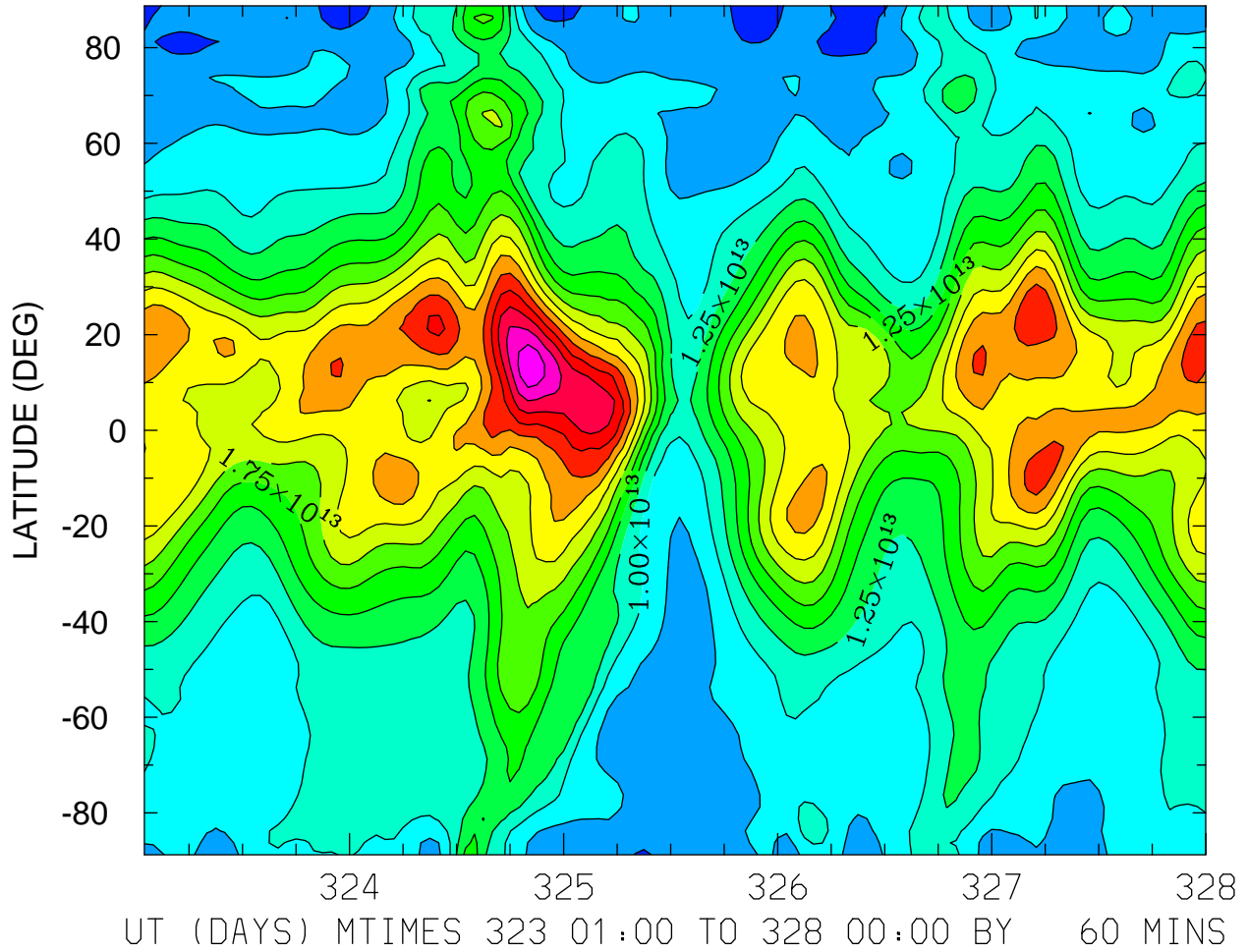
MIN,MAX= 1.2226E+11 3.4440E+13 INTERVAL= 2.5000E+12  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

TEC: Total Electron Content ( )  
LOCAL TIME = 12.00



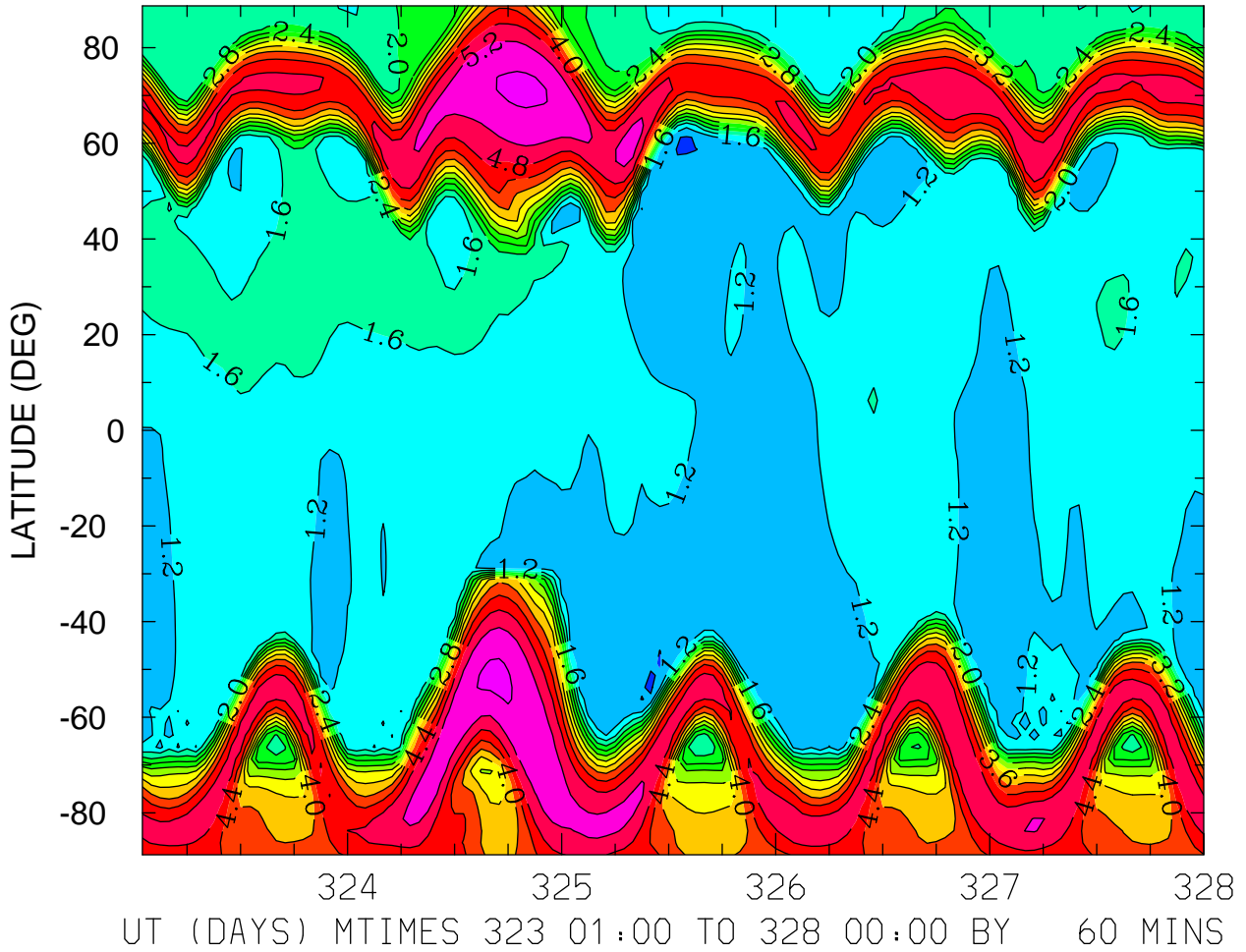
MIN,MAX= 3.4616E+12 9.5965E+13 INTERVAL= 5.0000E+12  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

TEC: Total Electron Content ( )  
ZONAL MEANS

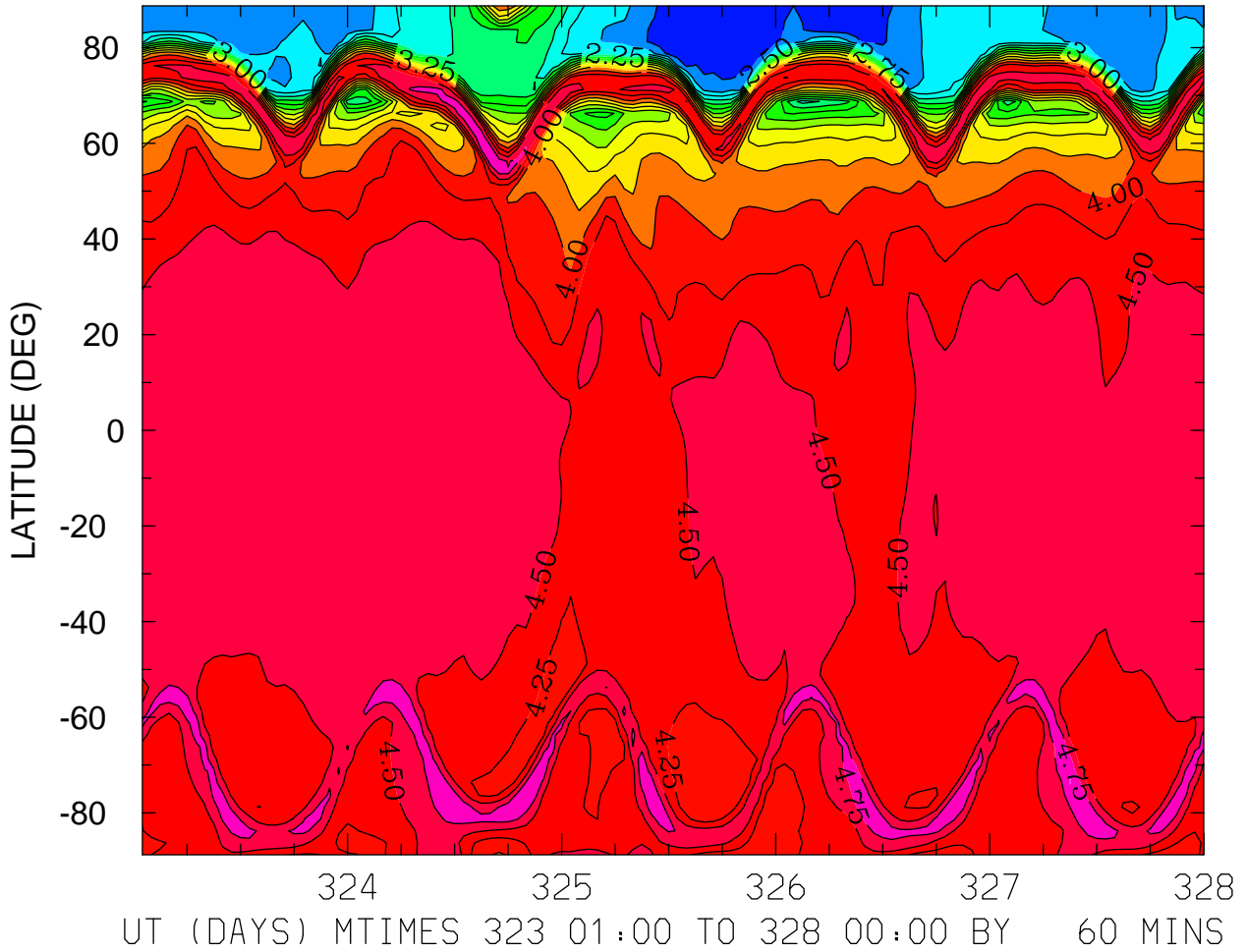


MIN,MAX= 3.6144E+12 3.9477E+13 INTERVAL= 2.5000E+12  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 O2+ ION (CM3)  
ZP = -4.125 LOCAL TIME = 0.00



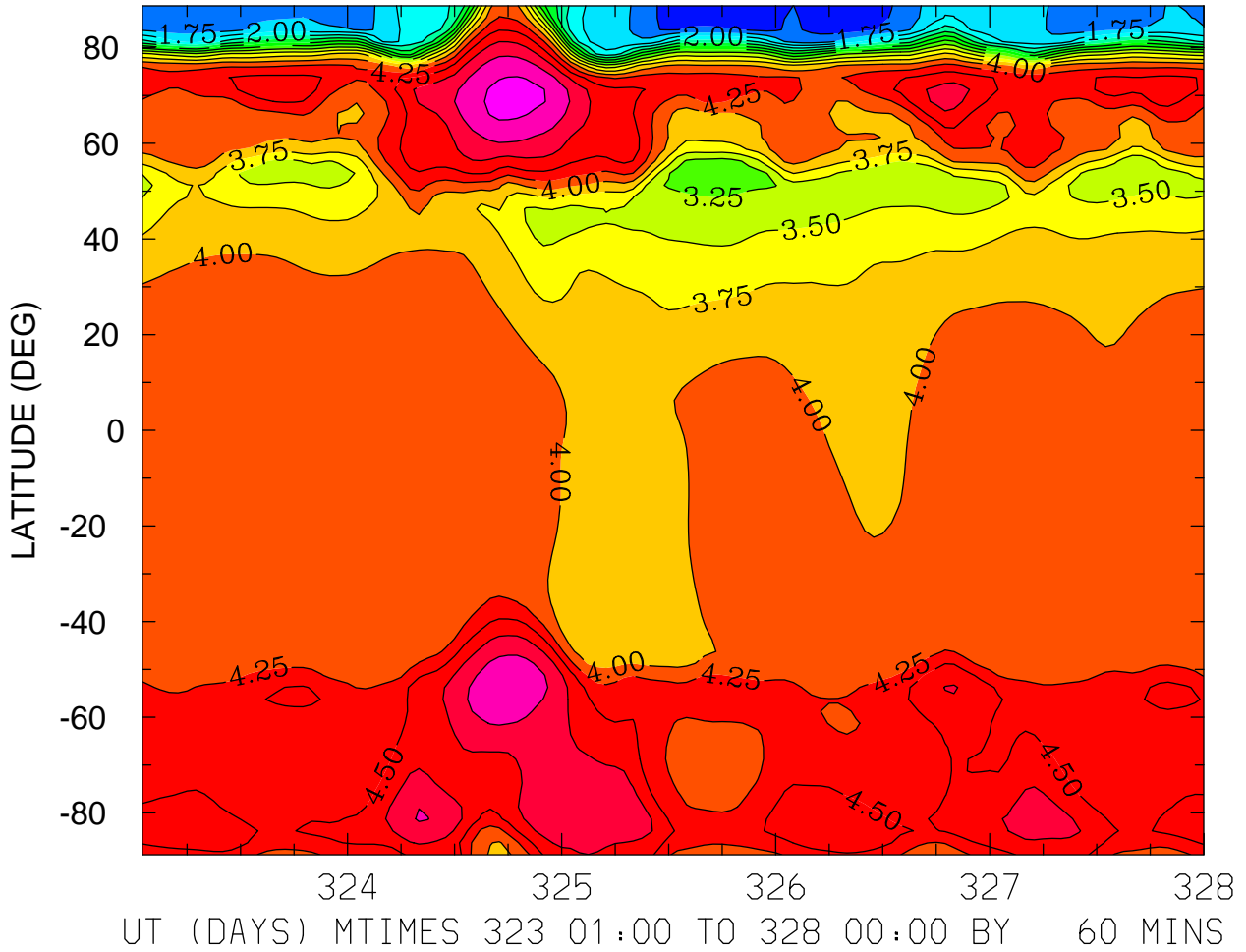
LOG10 O2+ ION (CM3)  
ZP = -4.125 LOCAL TIME = 12.00



MIN,MAX= 1.2887E+00 5.0169E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

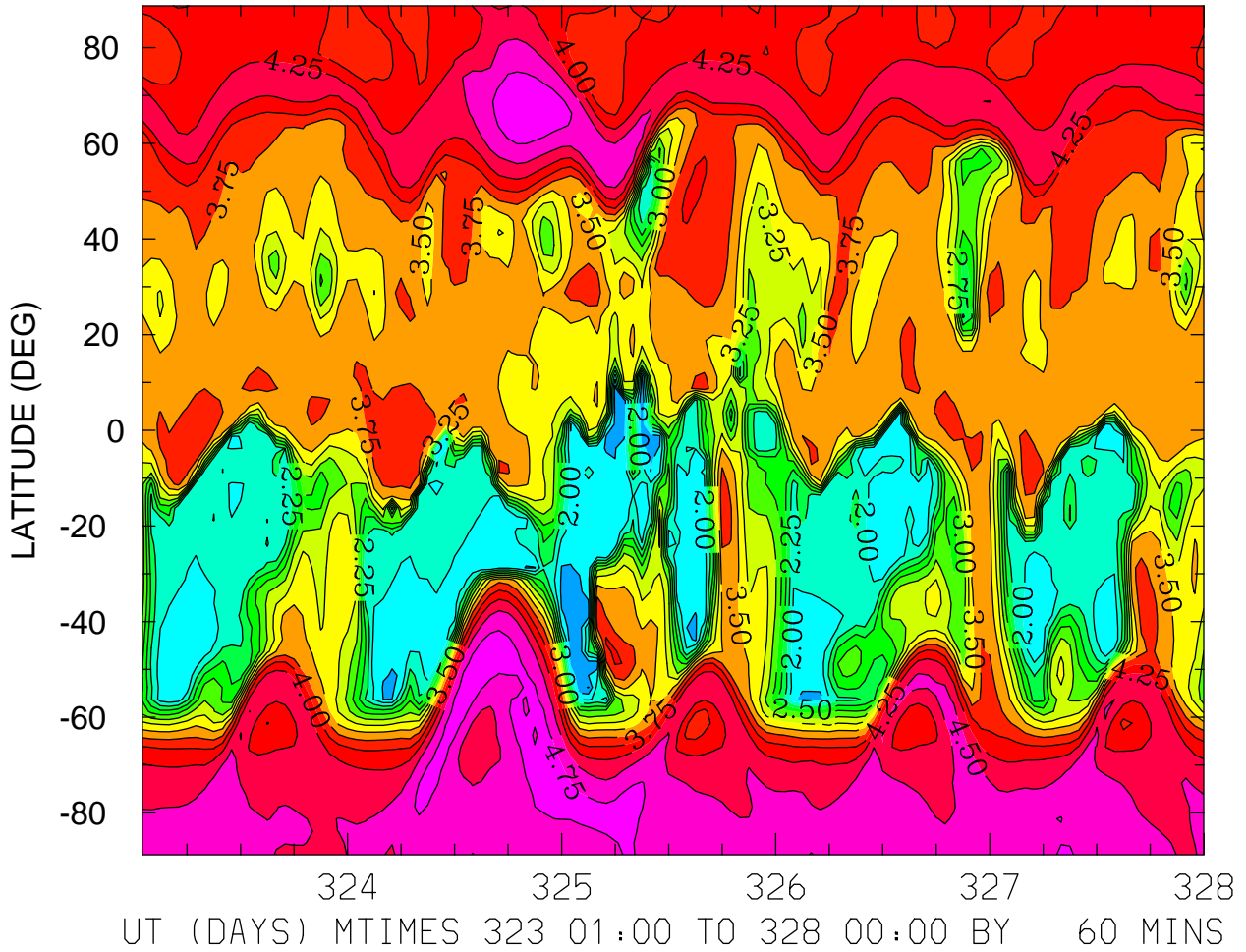


LOG10 O2+ ION (CM3)  
ZP = -4.125 ZONAL MEANS



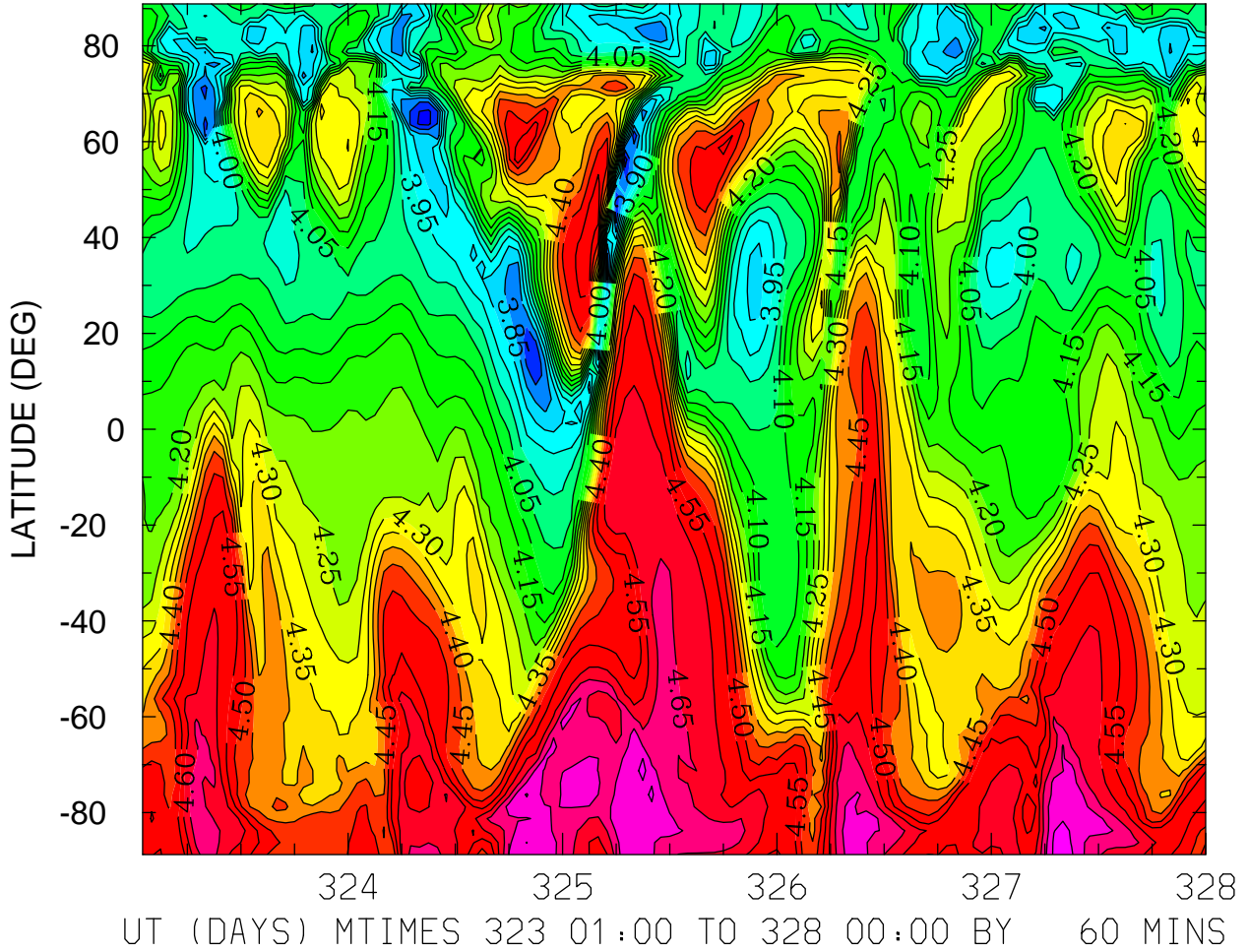
MIN,MAX= 1.3426E+00 5.3370E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 O2+ ION (CM3)  
ZP = -0.125 LOCAL TIME = 0.00

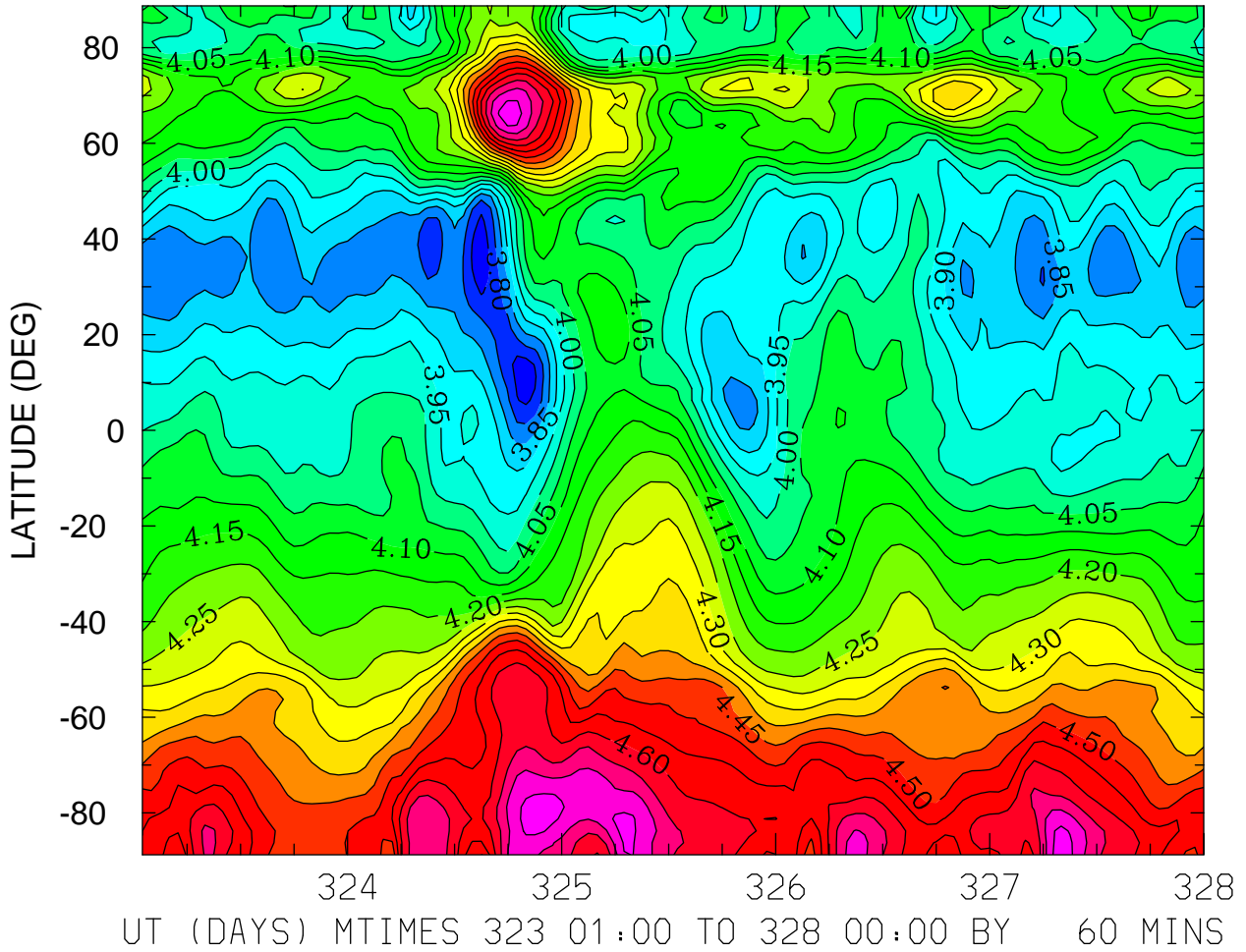


MIN,MAX= 1.4932E+00 4.9008E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 O2+ ION (CM3)  
ZP = -0.125 LOCAL TIME = 12.00

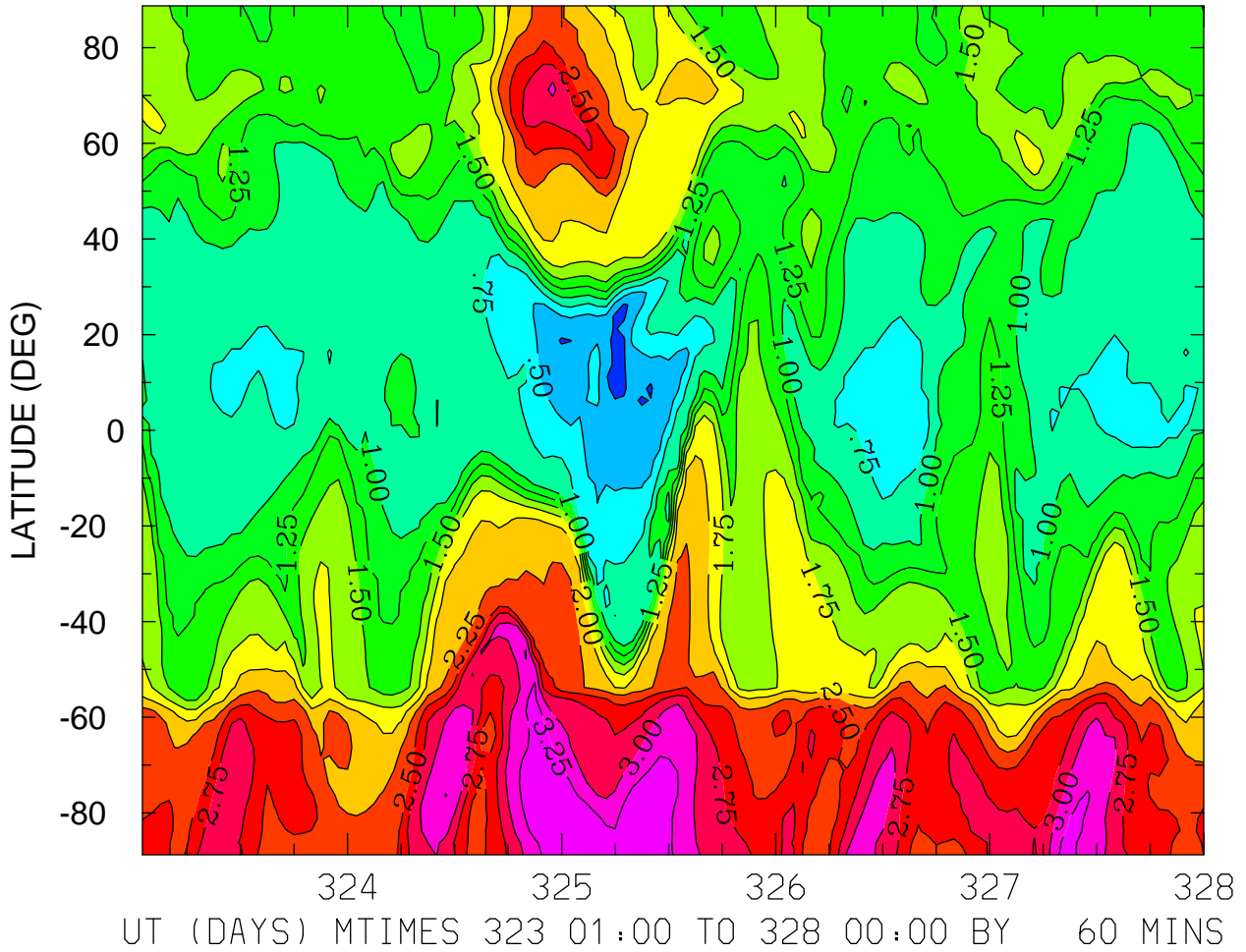


LOG10 O2+ ION (CM3)  
ZP = -0.125 ZONAL MEANS



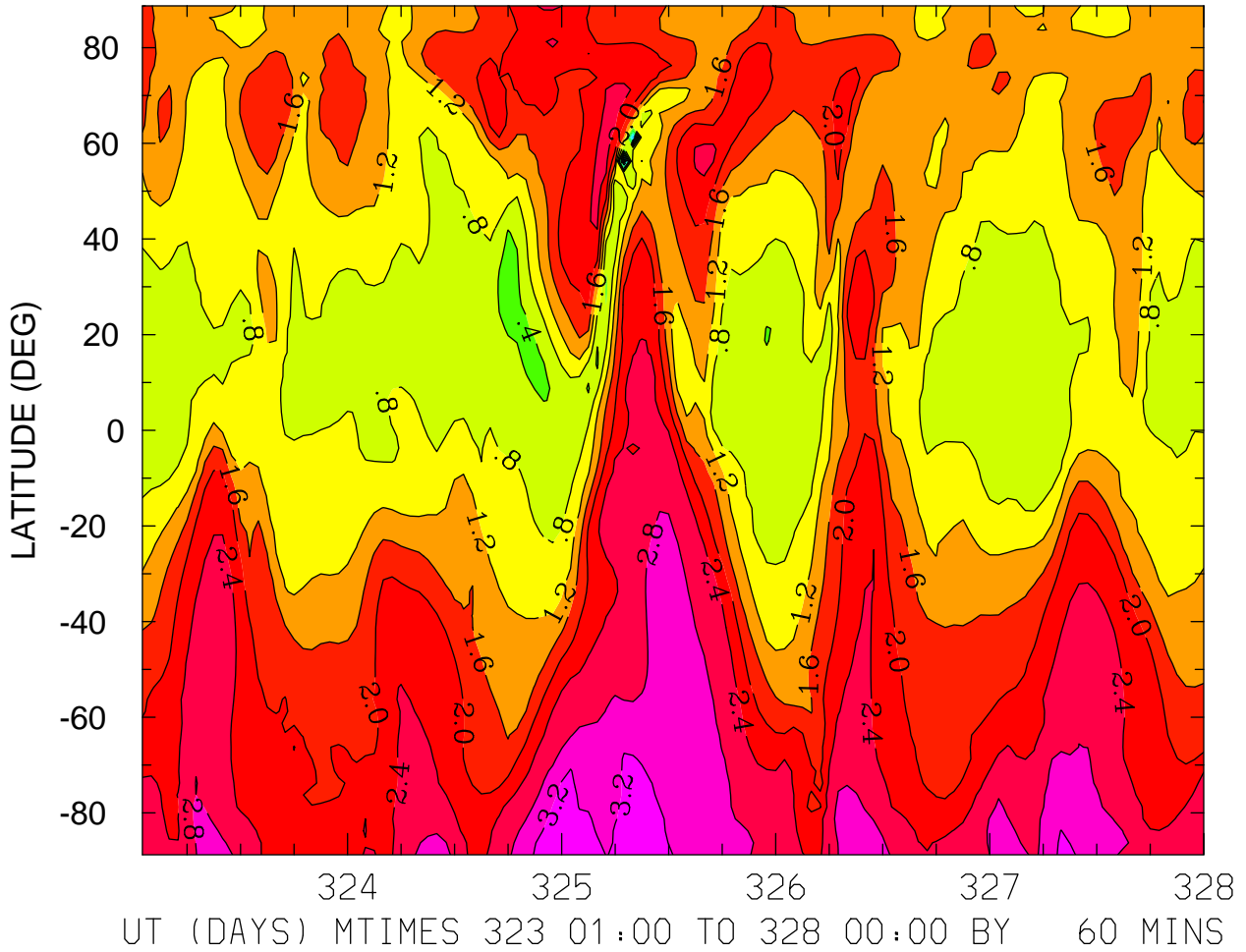
MIN,MAX= 3.7064E+00 4.7792E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 O2+ ION (CM3)  
ZP = 3.875 LOCAL TIME = 0.00



MIN,MAX= 1.5349E-01 3.4656E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

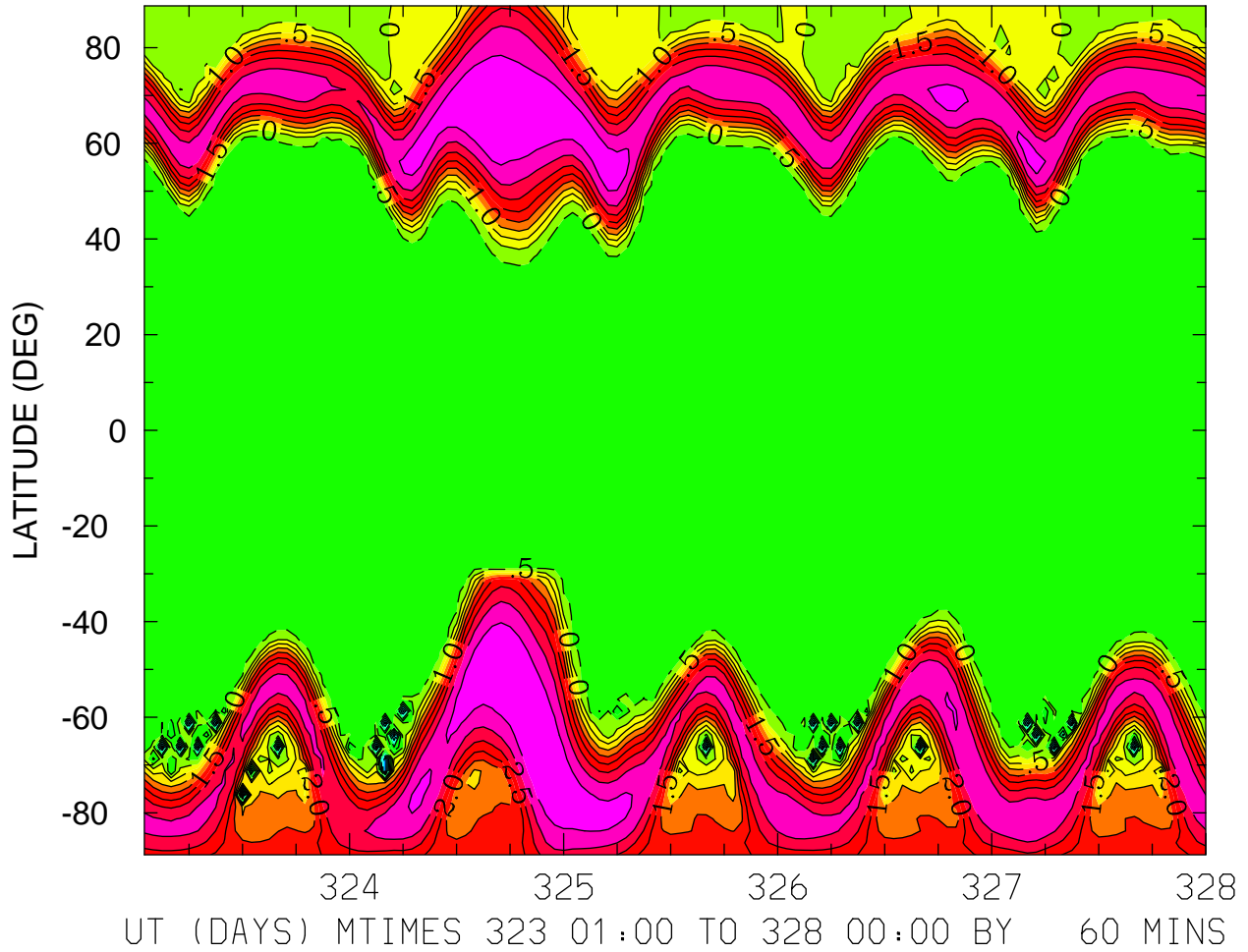
LOG10 O2+ ION (CM3)  
ZP = 3.875 LOCAL TIME = 12.00



MIN,MAX= -2.1040E+00 3.4132E+00 INTERVAL= 4.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc



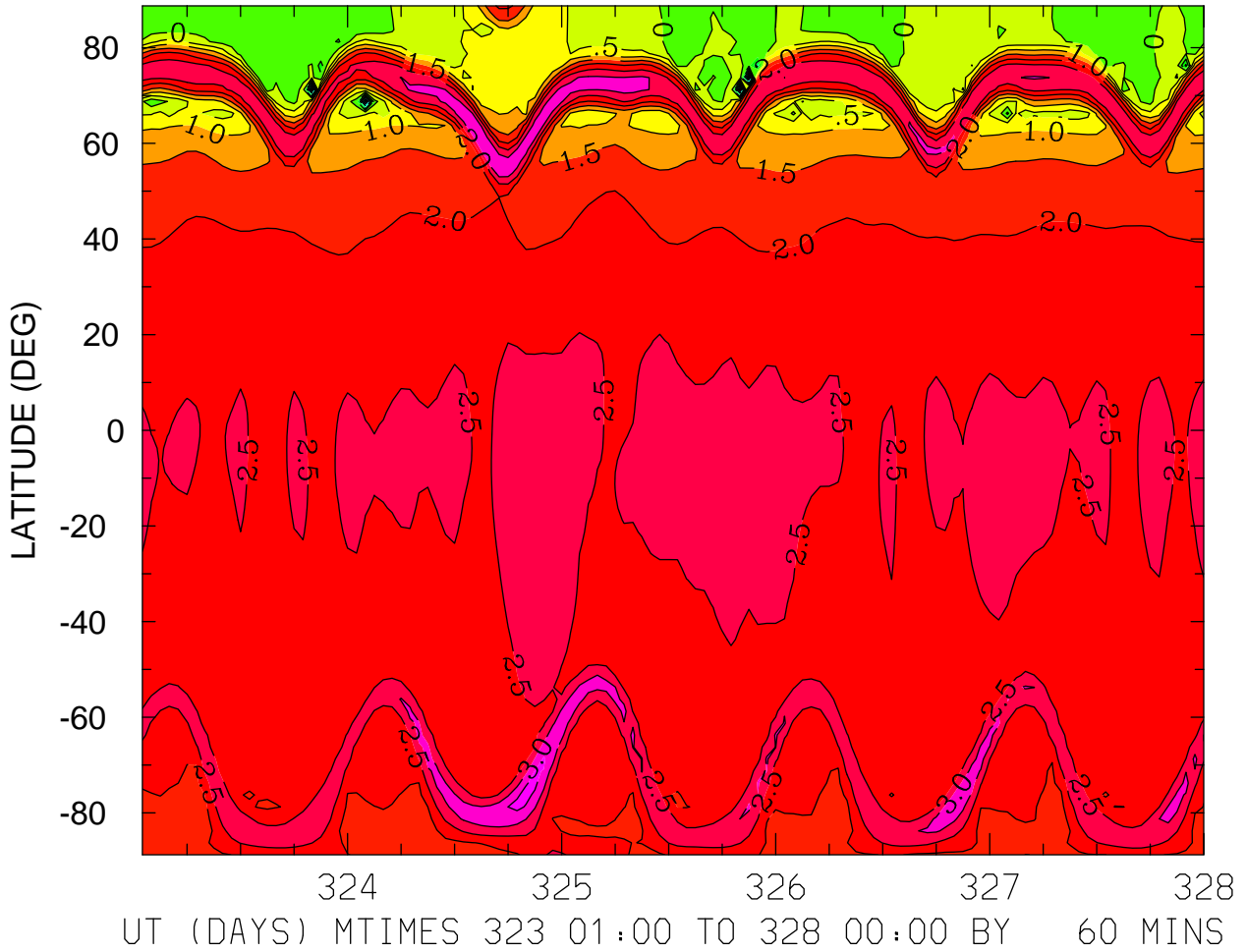
LOG10 O+ ION (CM3)  
ZP = -4.125 LOCAL TIME = 0.00



MIN,MAX= -3.5624E+00 3.9983E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

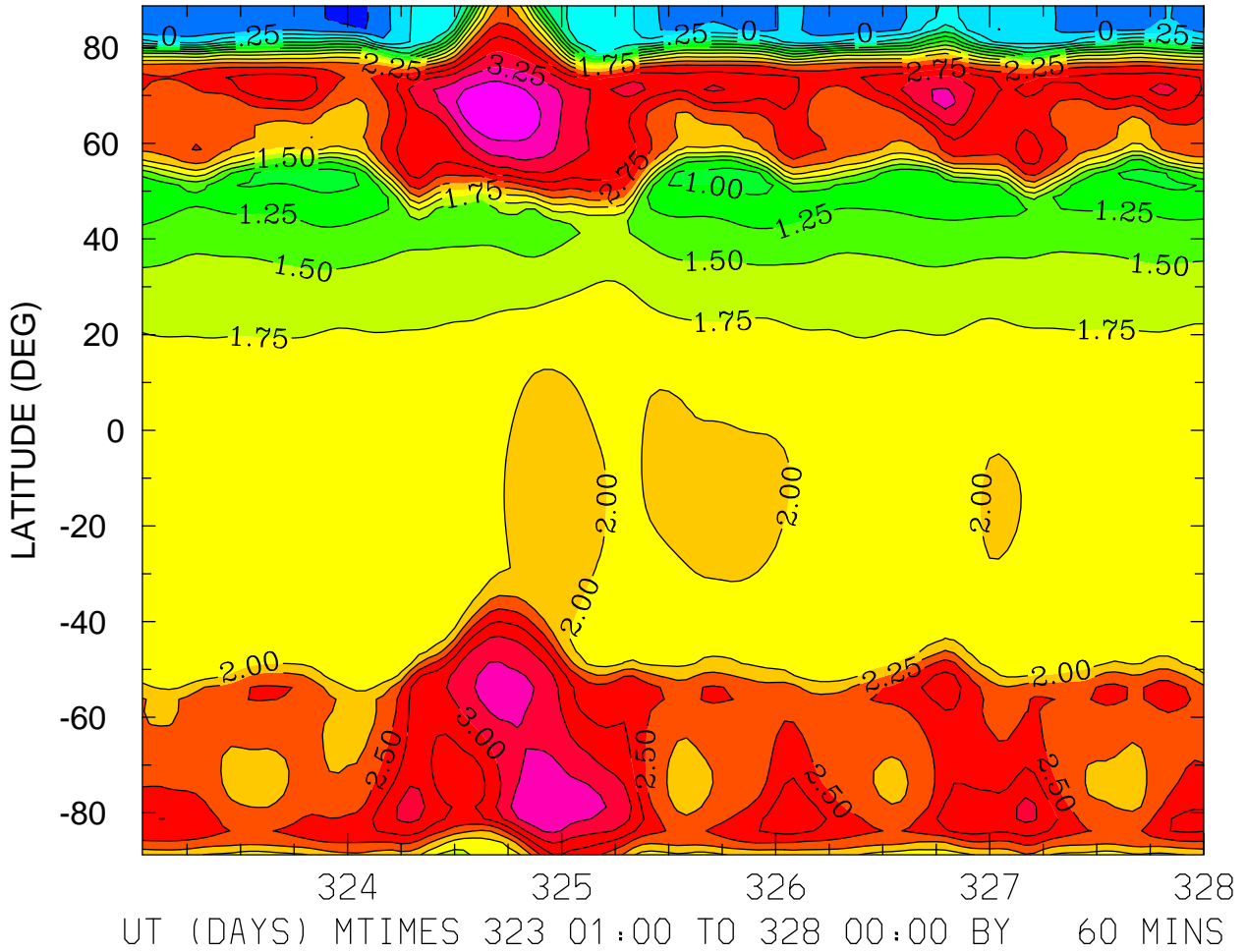


LOG10 O+ ION (CM3)  
ZP = -4.125 LOCAL TIME = 12.00



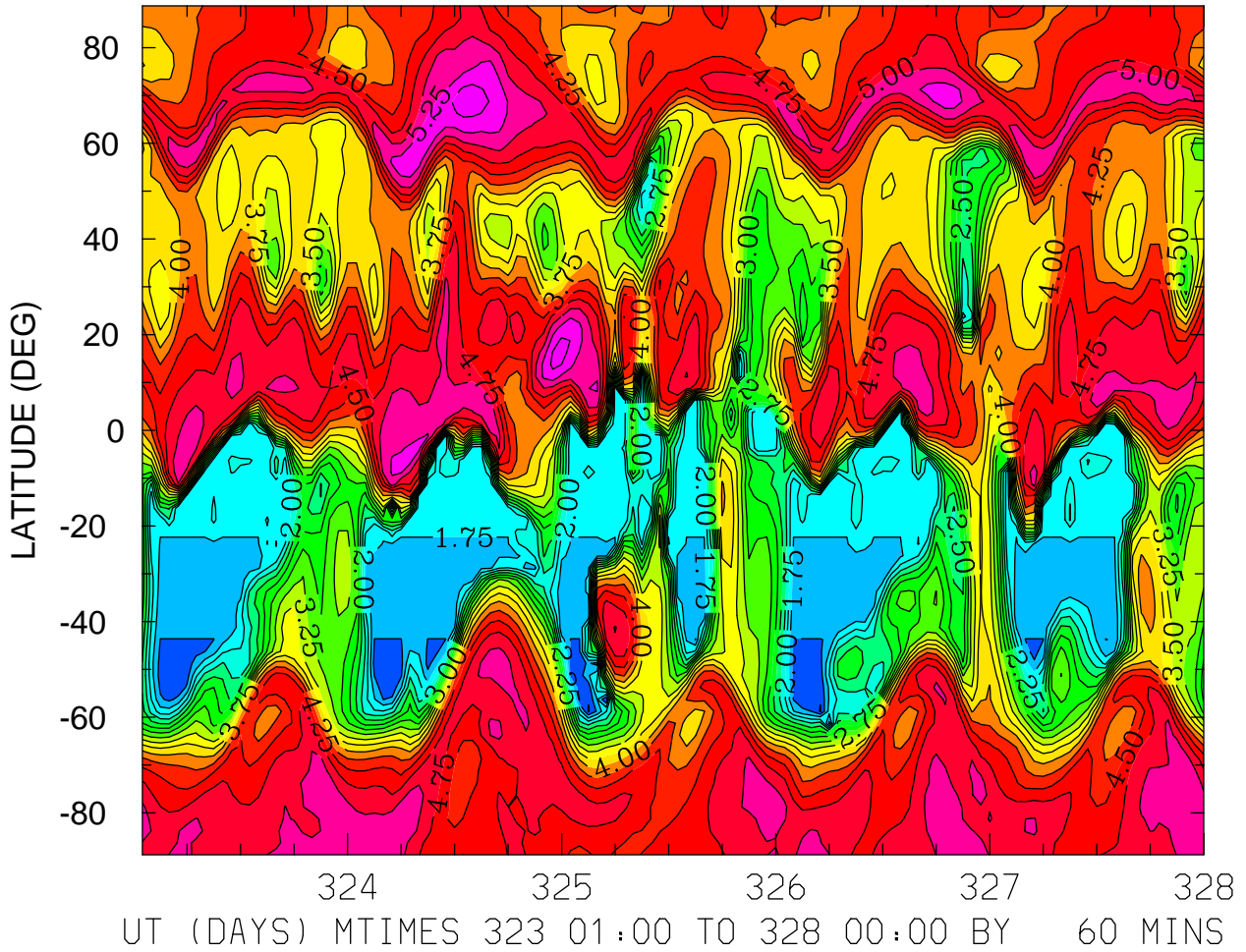
MIN,MAX= -3.4954E+00 3.6258E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 O+ ION (CM3)  
ZP = -4.125 ZONAL MEANS



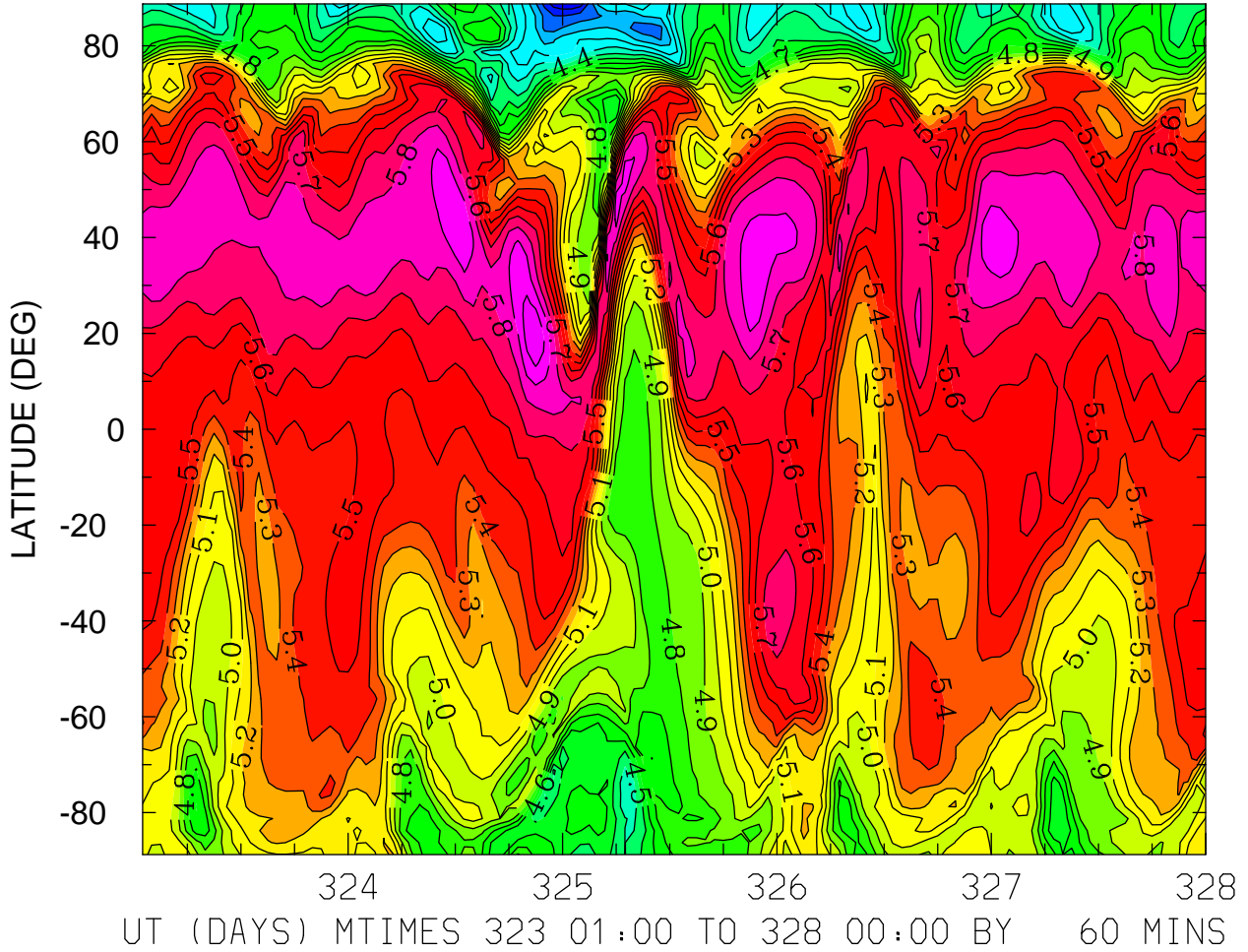
MIN,MAX= -3.1874E-01 3.7231E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 O+ ION (CM3)  
ZP = -0.125 LOCAL TIME = 0.00



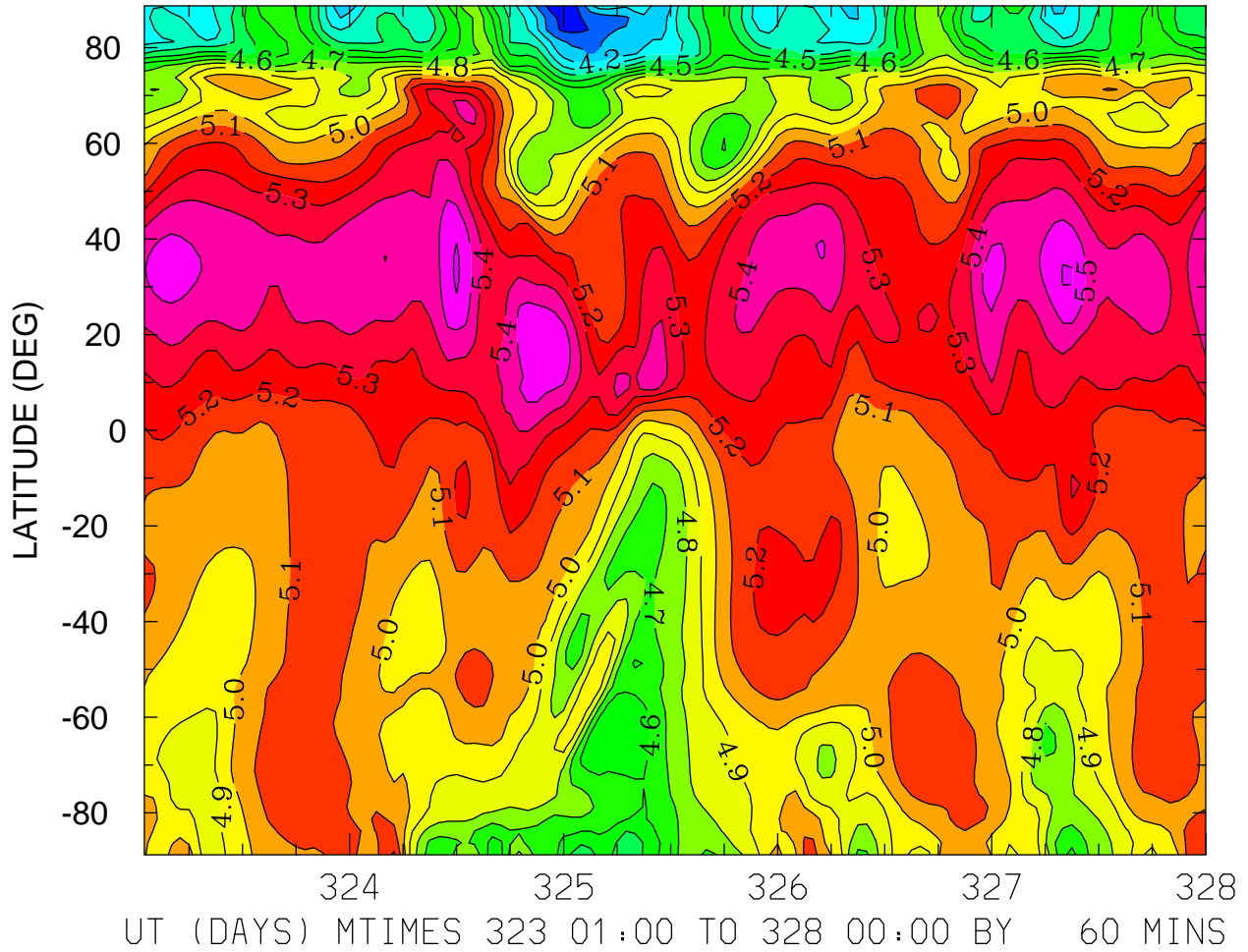
MIN,MAX= 1.2228E+00 5.6049E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 O+ ION (CM3)  
ZP = -0.125 LOCAL TIME = 12.00



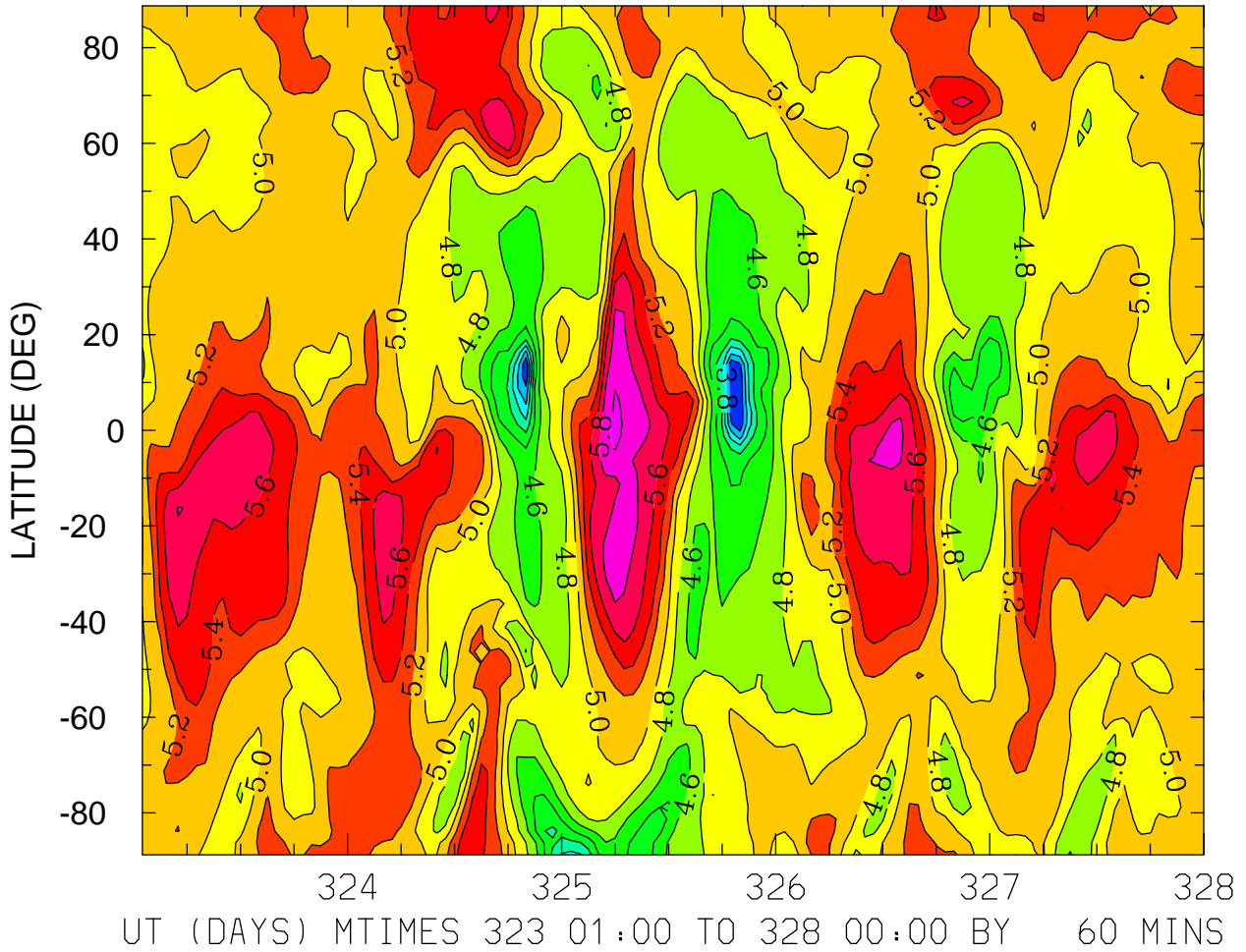
MIN,MAX= 3.7131E+00 6.0908E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 O+ ION (CM3)  
ZP = -0.125 ZONAL MEANS



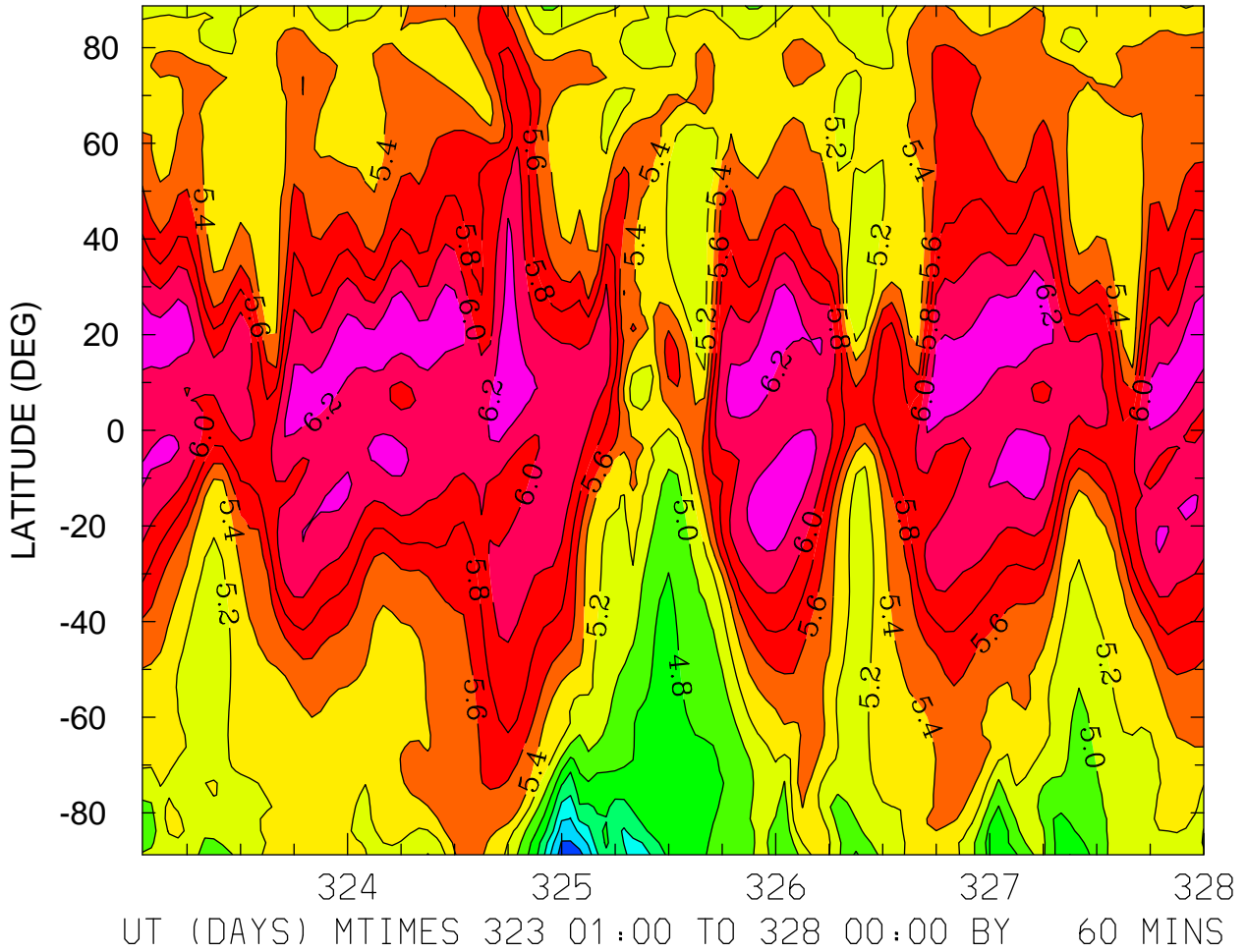
MIN,MAX= 3.9113E+00 5.6165E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 O+ ION (CM3)  
ZP = 3.875 LOCAL TIME = 0.00



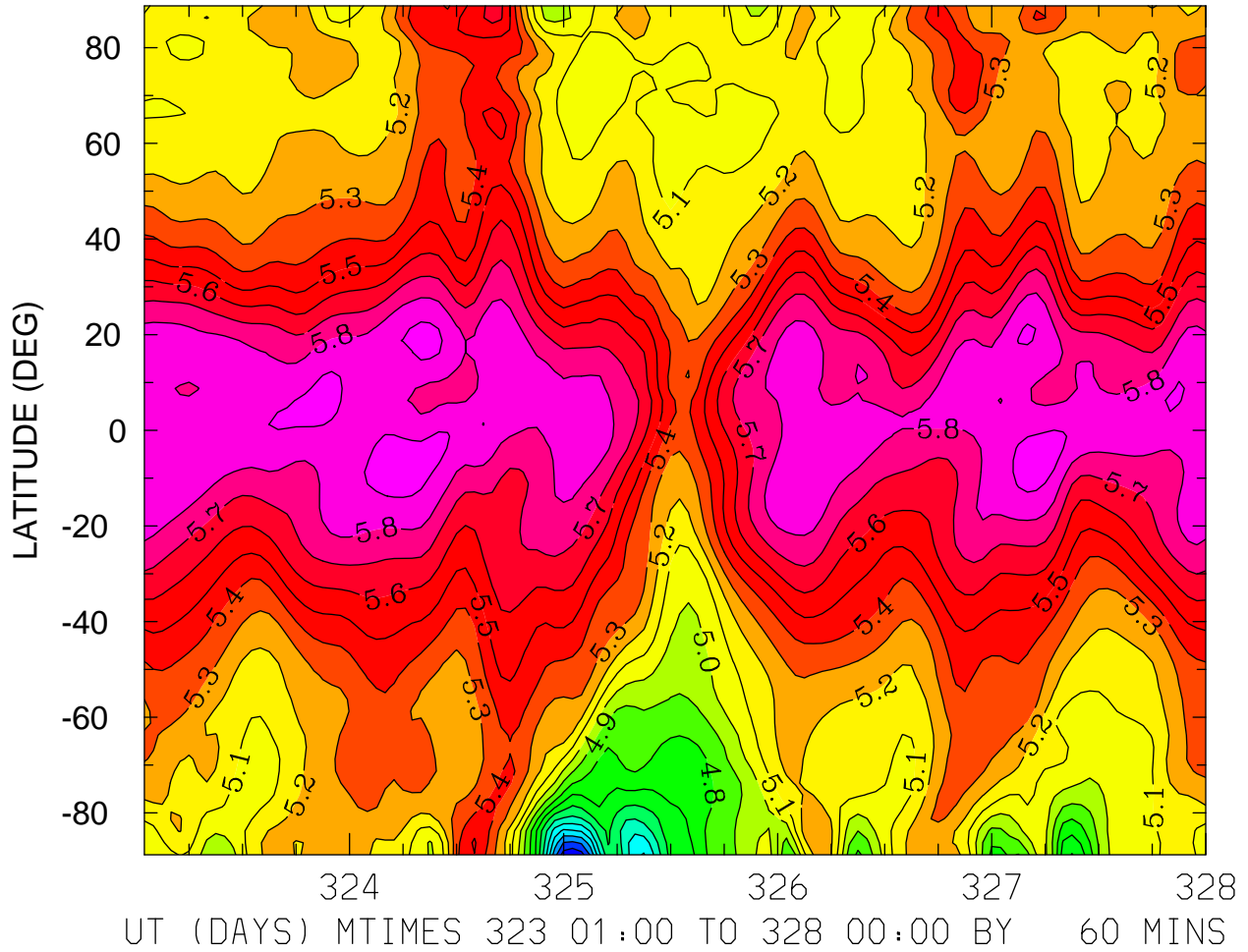
MIN,MAX= 3.4313E+00 6.0389E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

LOG10 O+ ION (CM3)  
ZP = 3.875 LOCAL TIME = 12.00



MIN,MAX= 3.8760E+00 6.3834E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

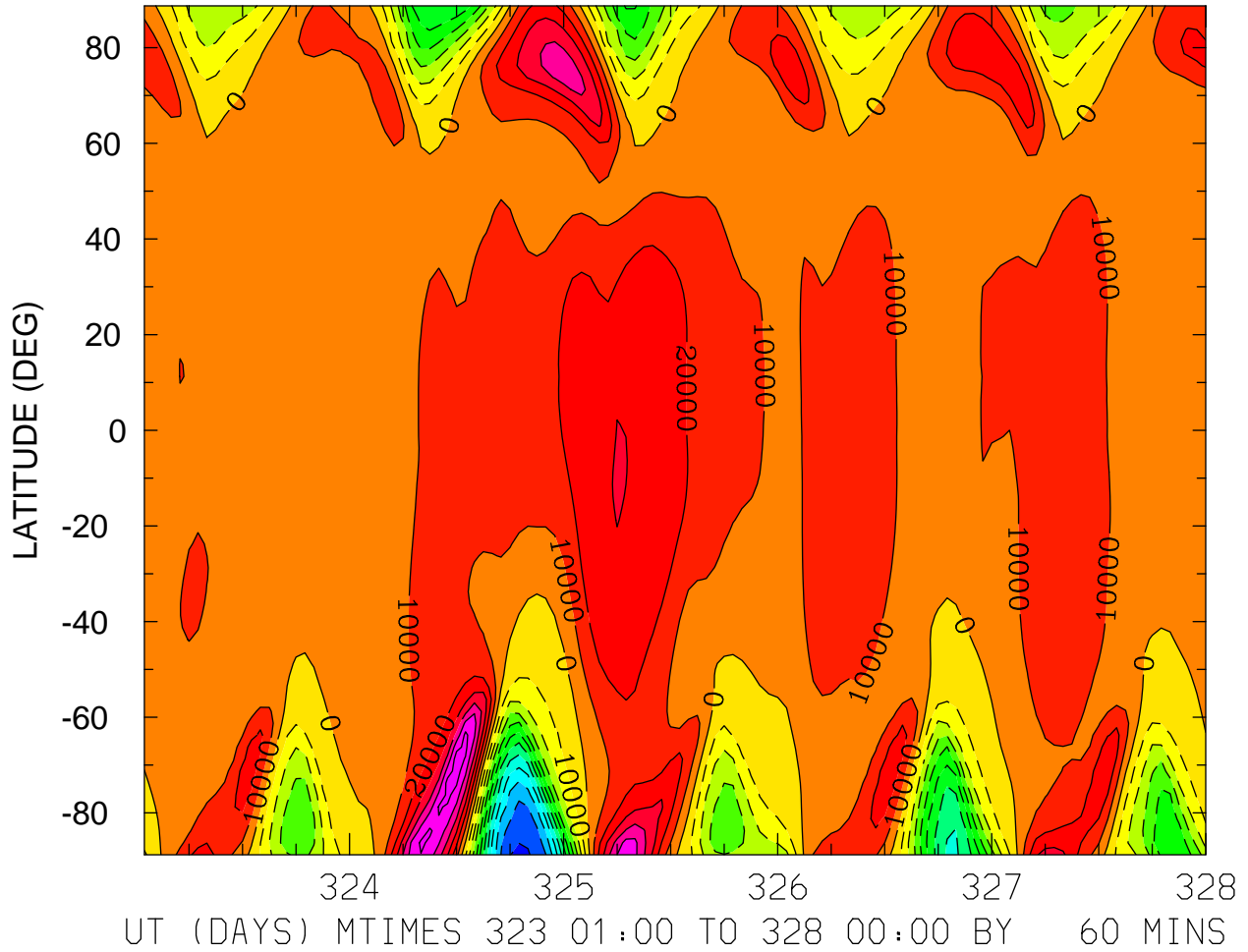
LOG10 O+ ION (CM3)  
ZP = 3.875 ZONAL MEANS



MIN,MAX= 3.9075E+00 5.9557E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

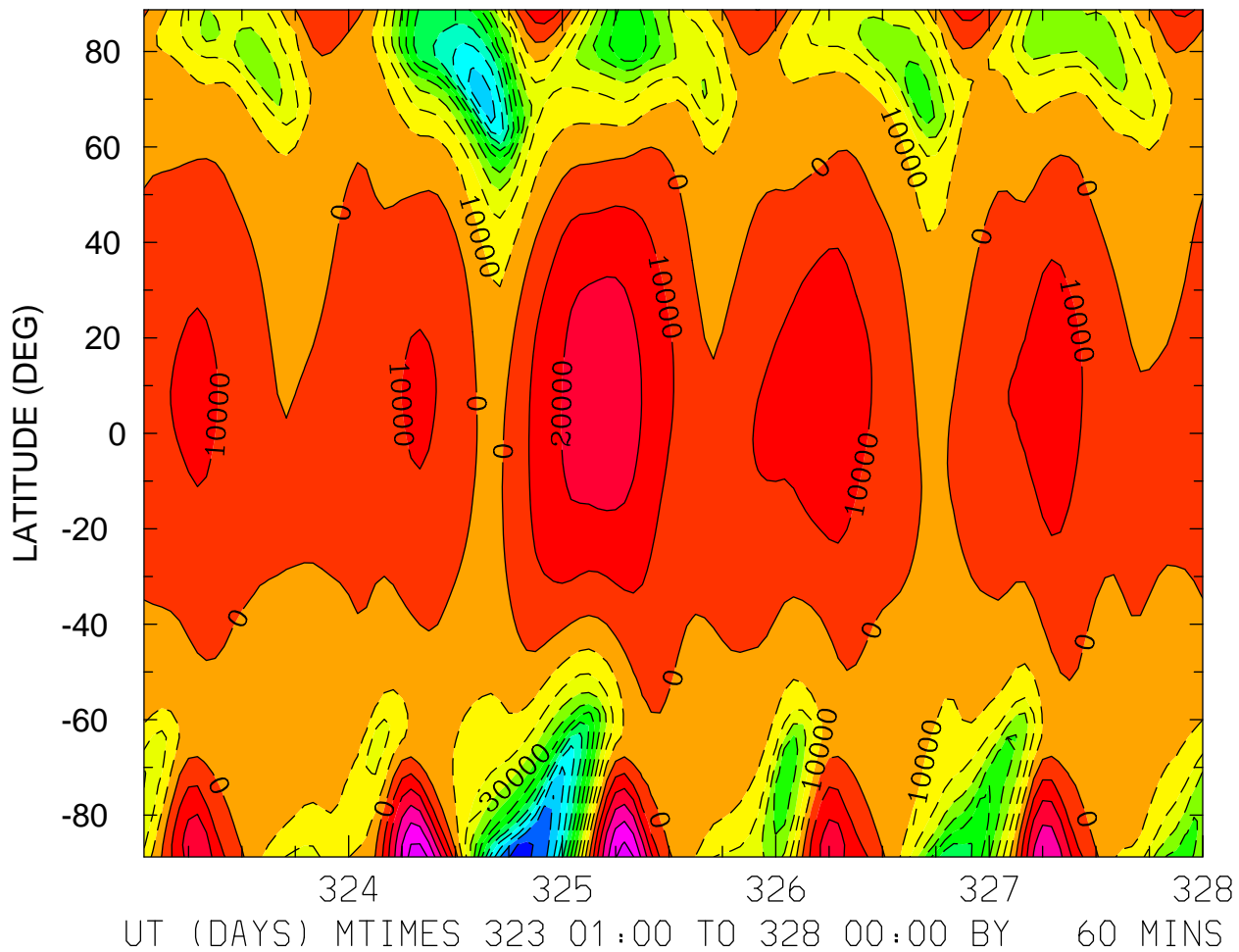


ELECTRIC POTENTIAL (VOLTS)  
ZP = -4.000 LOCAL TIME = 0.00



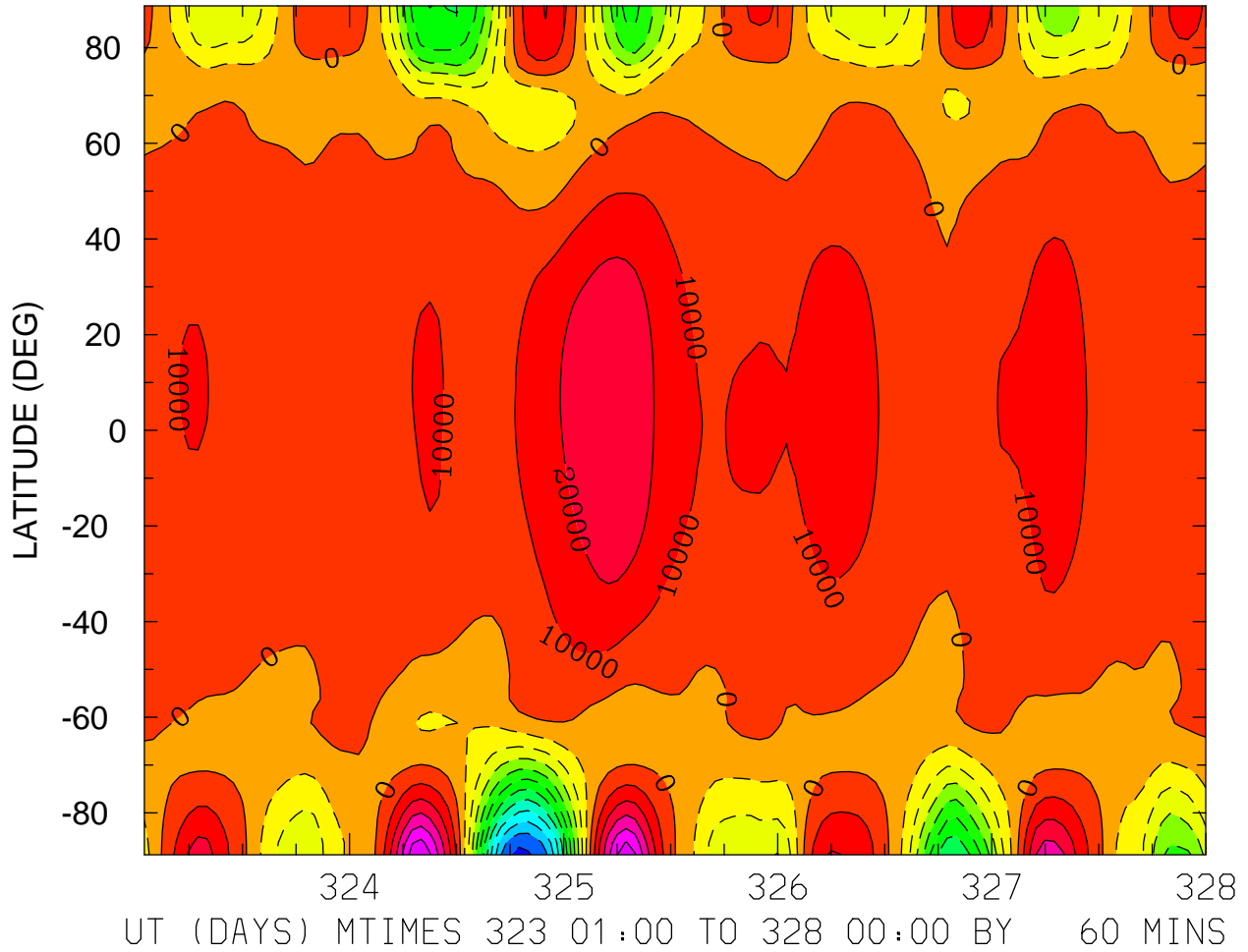
MIN,MAX= -1.1232E+05 6.6102E+04 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
ZP = -4.000 LOCAL TIME = 12.00



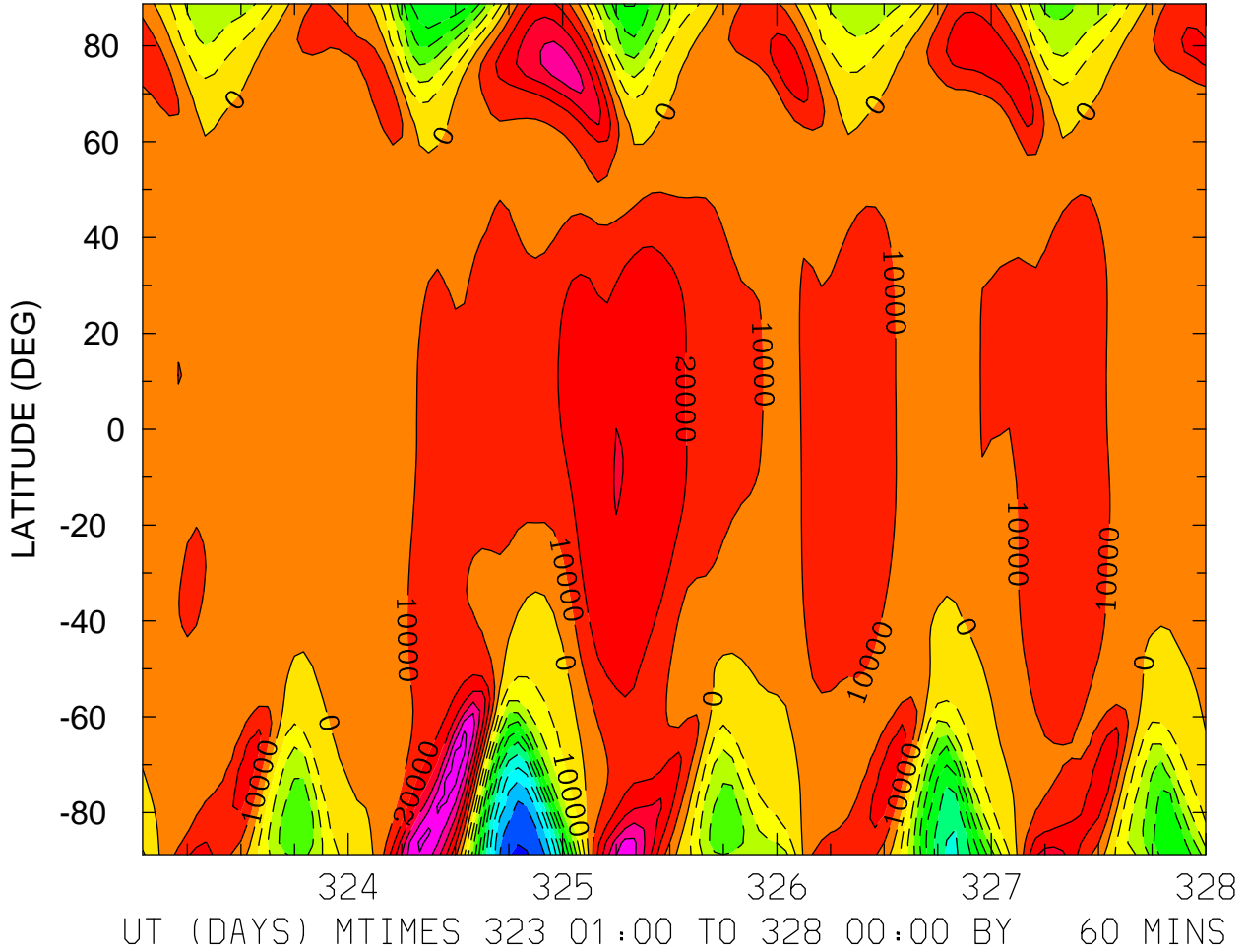
MIN,MAX= -1.1401E+05 5.6112E+04 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
ZP = -4.000 ZONAL MEANS



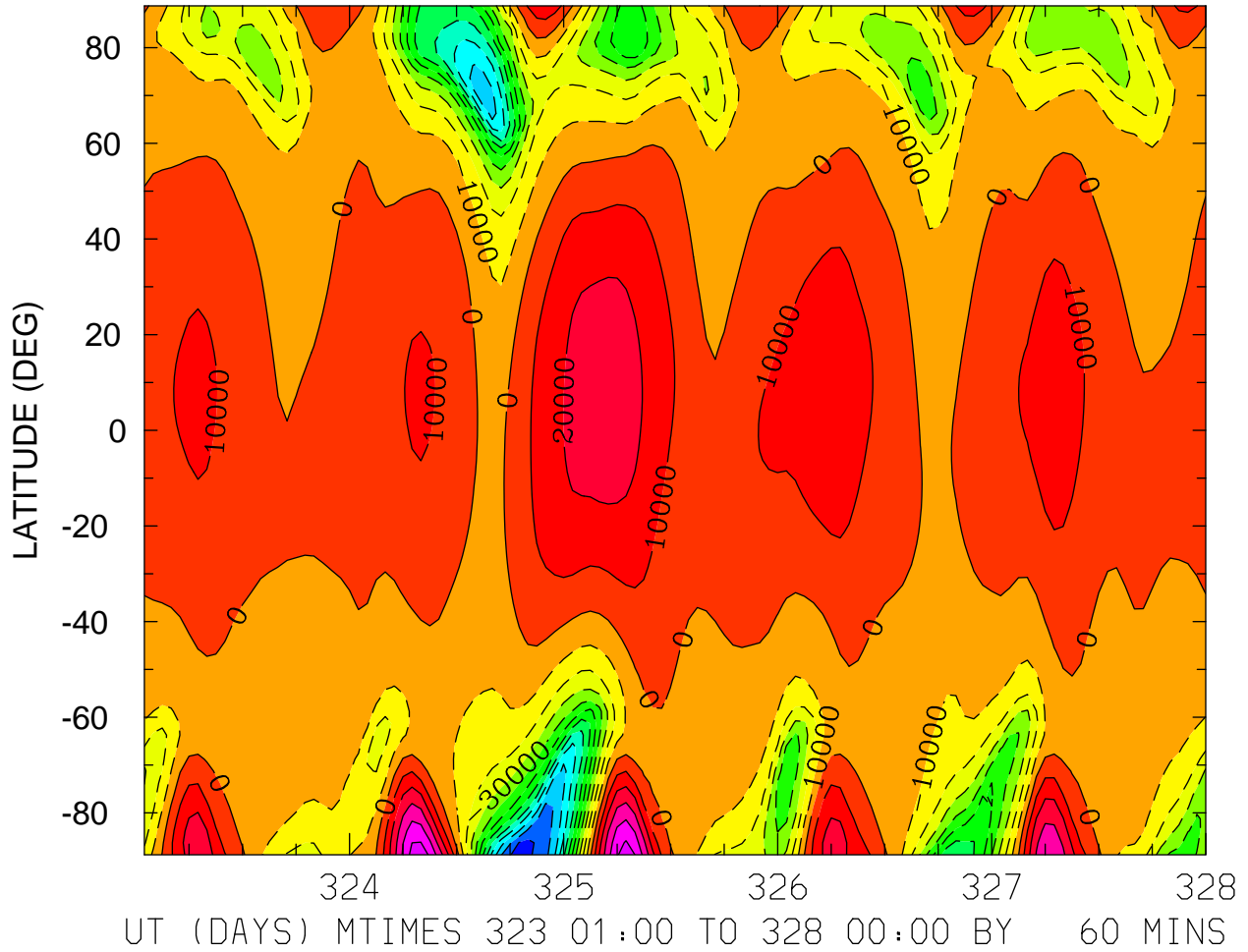
MIN,MAX= -1.1316E+05 5.7666E+04 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
ZP = 0.000 LOCAL TIME = 0.00



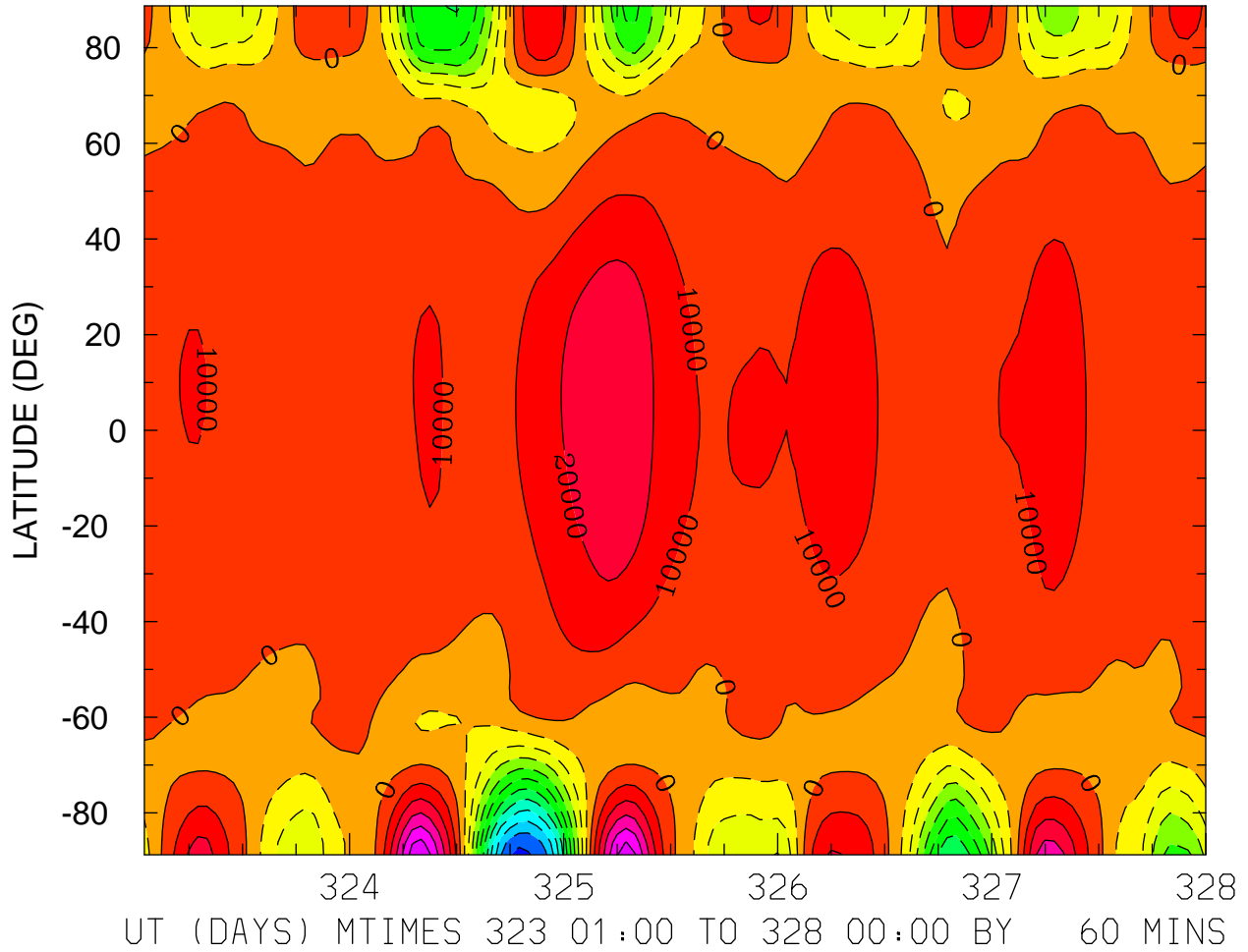
MIN,MAX= -1.1209E+05 6.5901E+04 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
ZP = 0.000 LOCAL TIME = 12.00



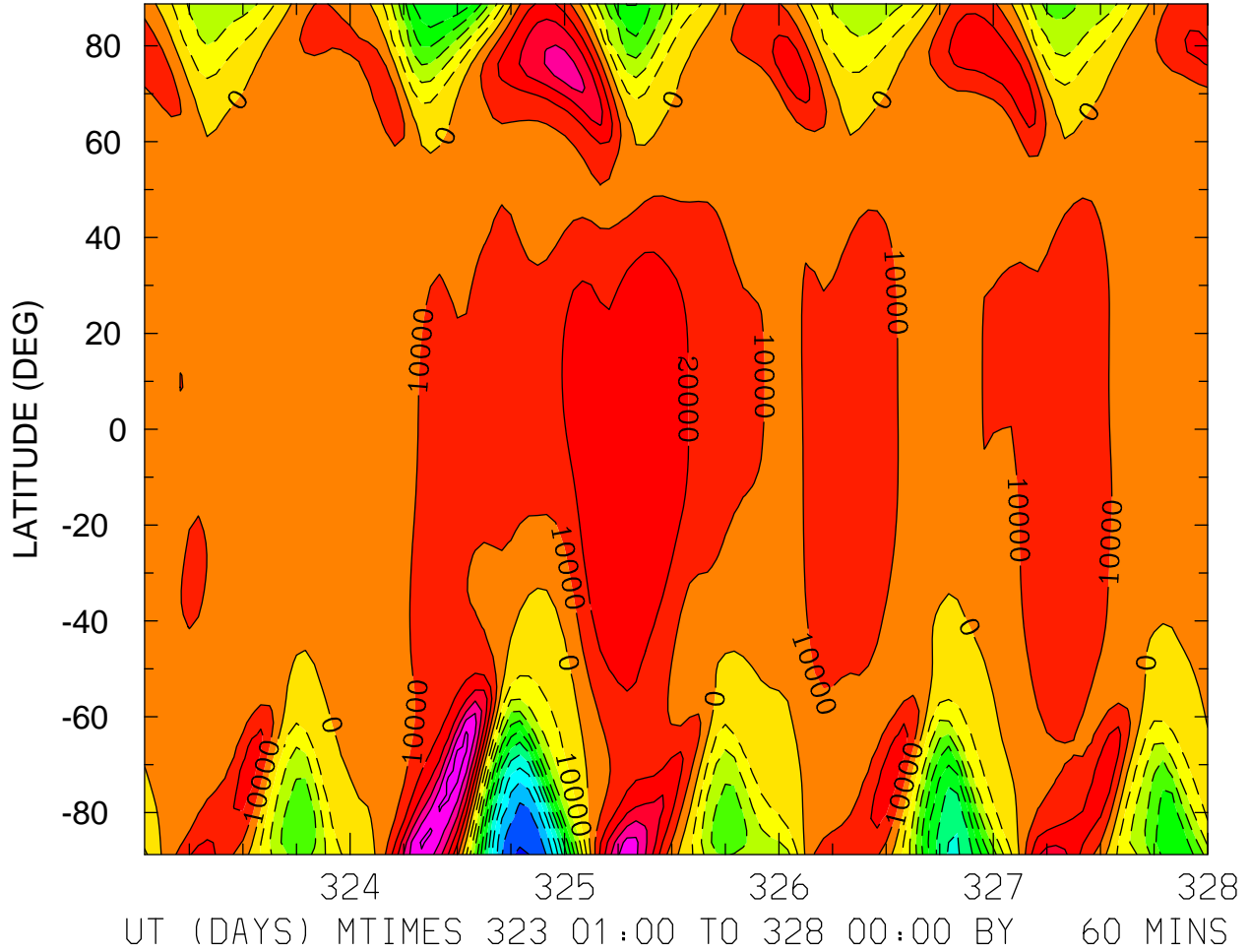
MIN,MAX= -1.1384E+05 5.5857E+04 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
ZP = 0.000 ZONAL MEANS



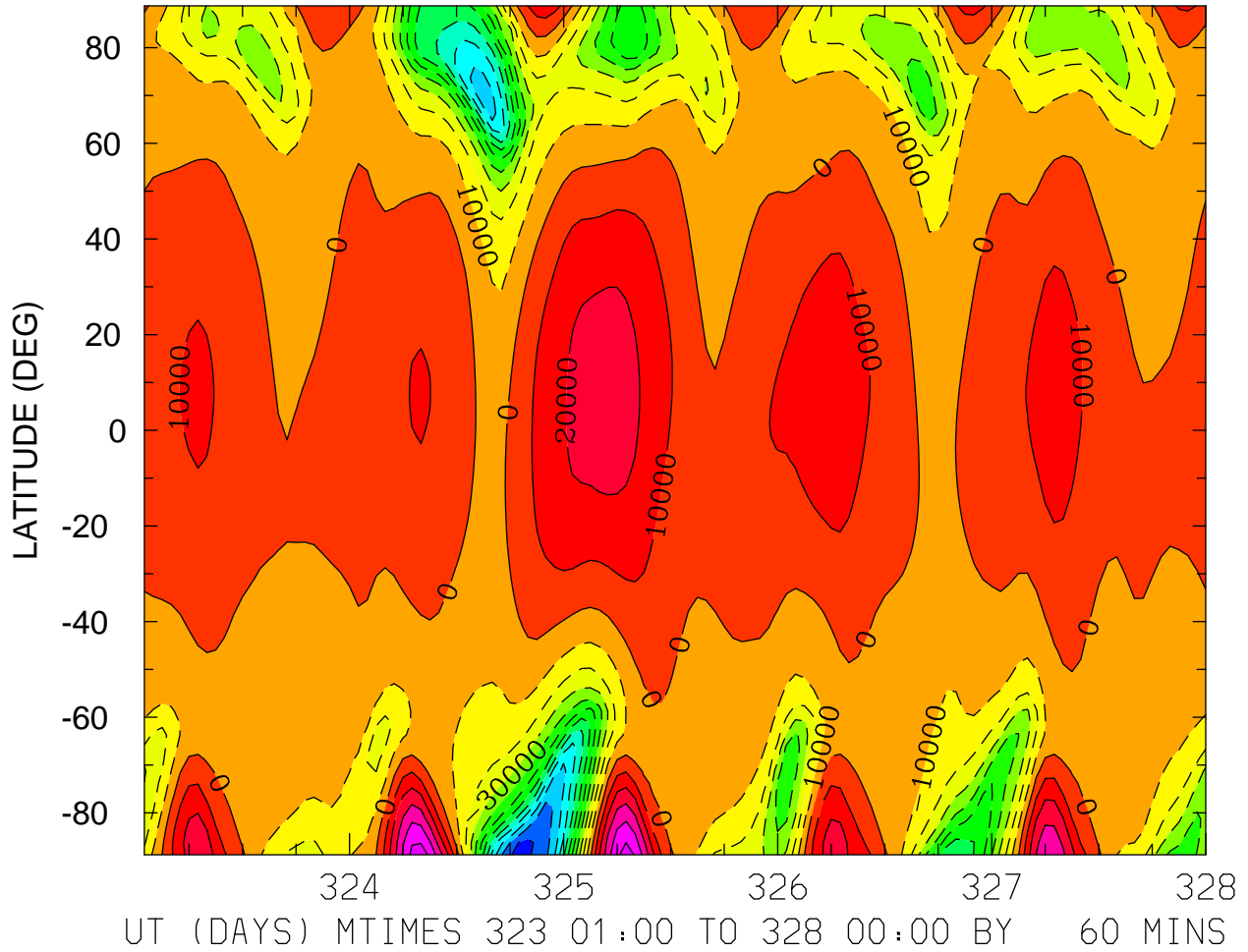
MIN,MAX= -1.1296E+05 5.7435E+04 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
ZP = 4.000 LOCAL TIME = 0.00



MIN,MAX= -1.1159E+05 6.5424E+04 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

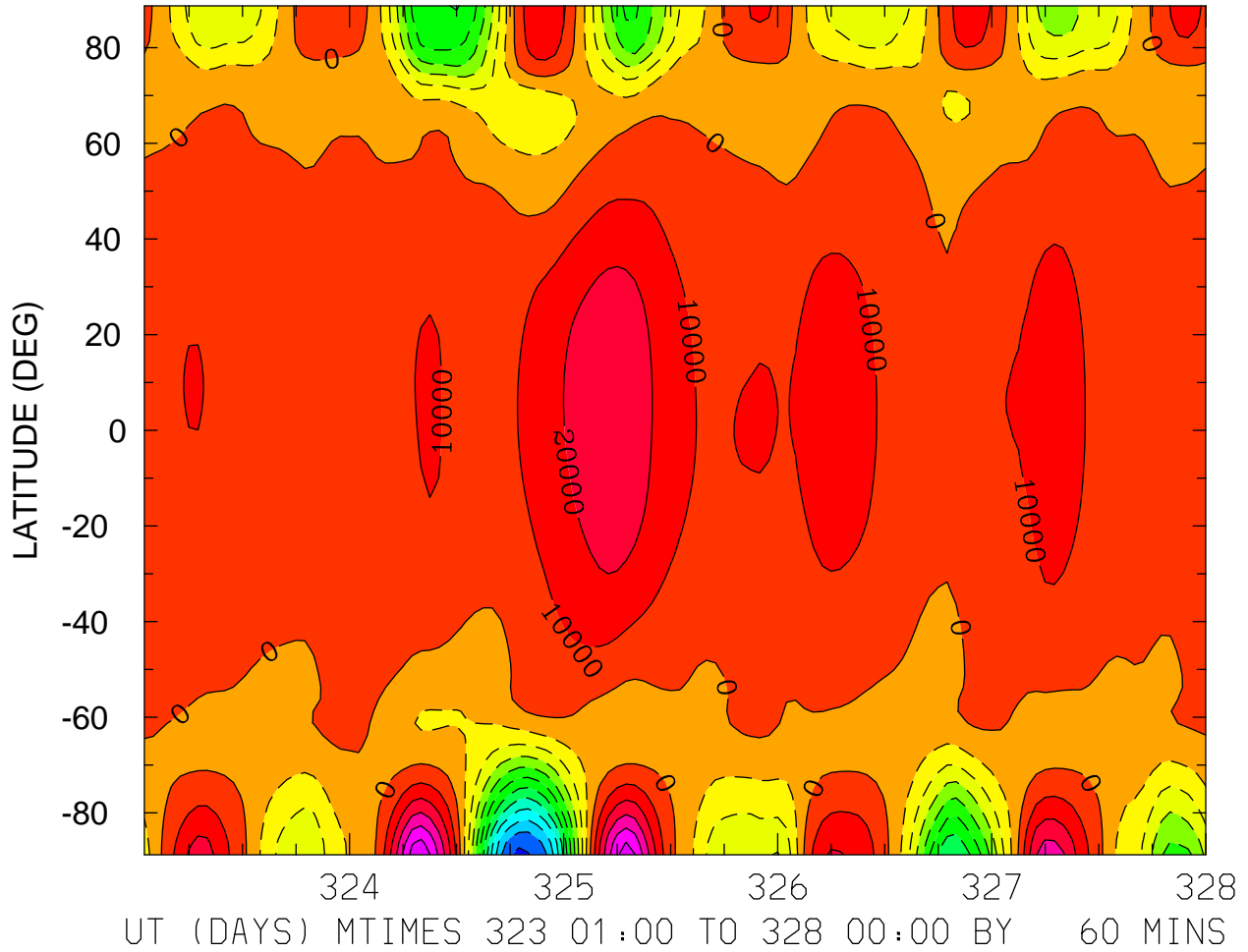
ELECTRIC POTENTIAL (VOLTS)  
ZP = 4.000 LOCAL TIME = 12.00



MIN,MAX= -1.1346E+05 5.5234E+04 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

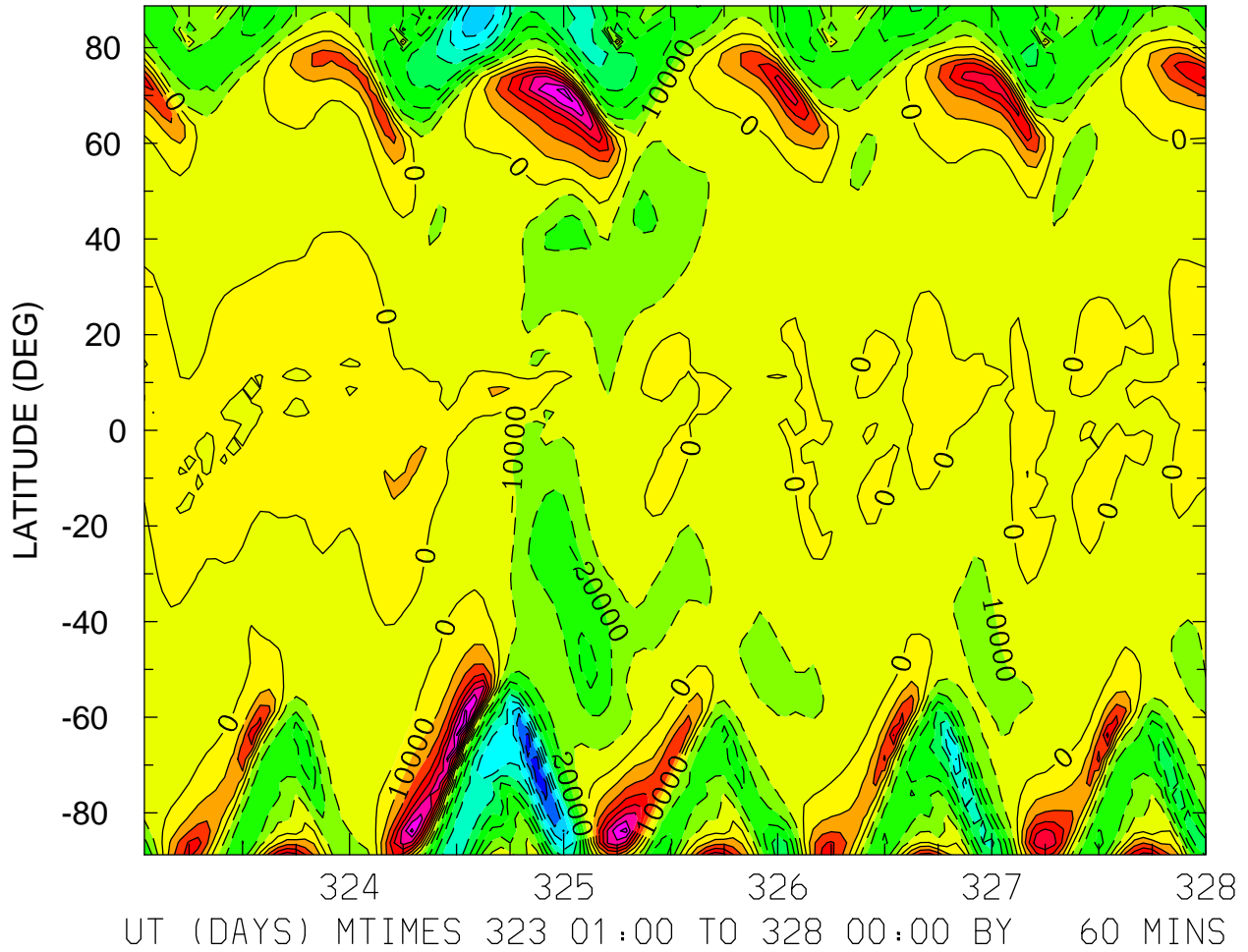


ELECTRIC POTENTIAL (VOLTS)  
ZP = 4.000 ZONAL MEANS



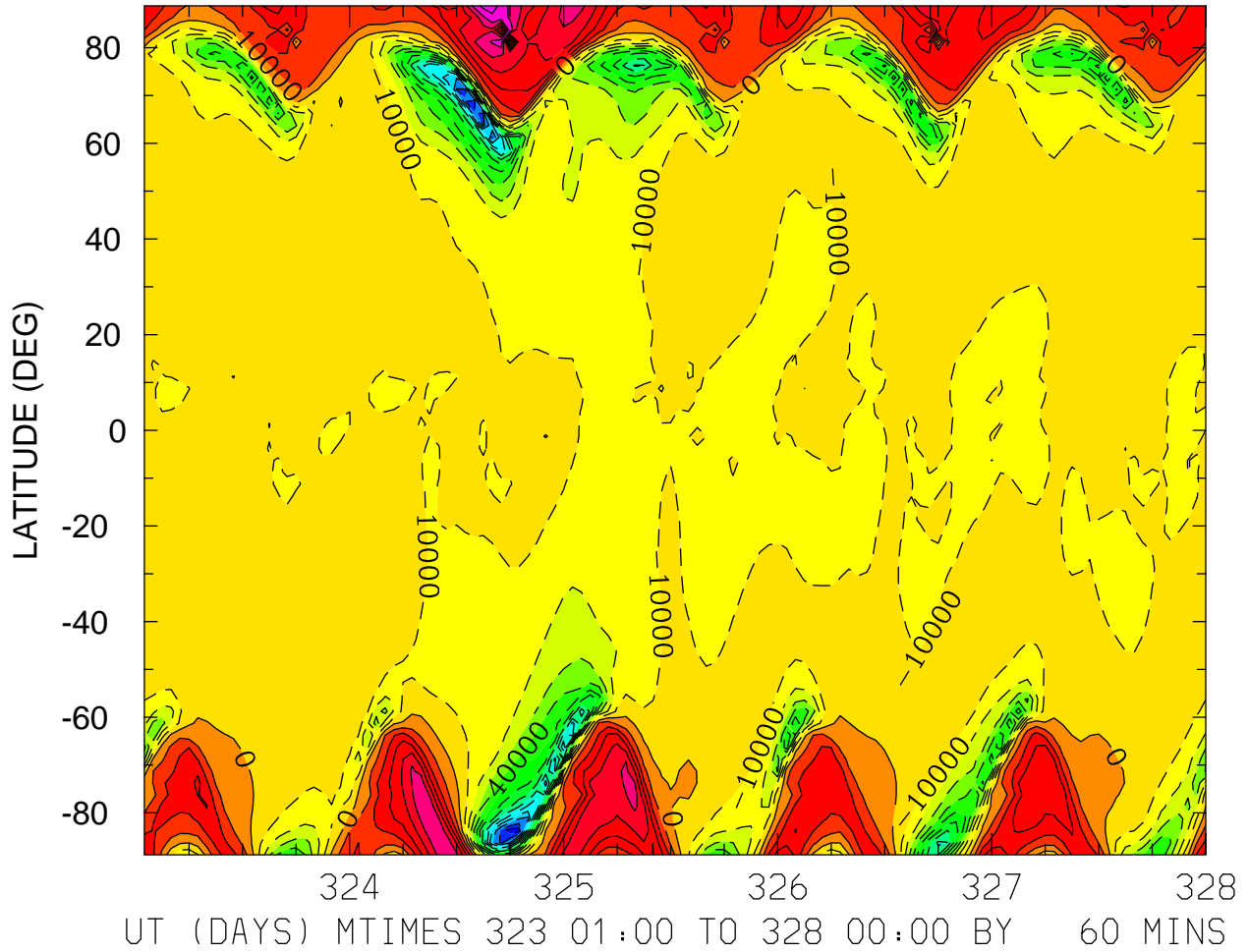
MIN,MAX= -1.1252E+05 5.6876E+04 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
ZP = -4.000 LOCAL TIME = 0.00



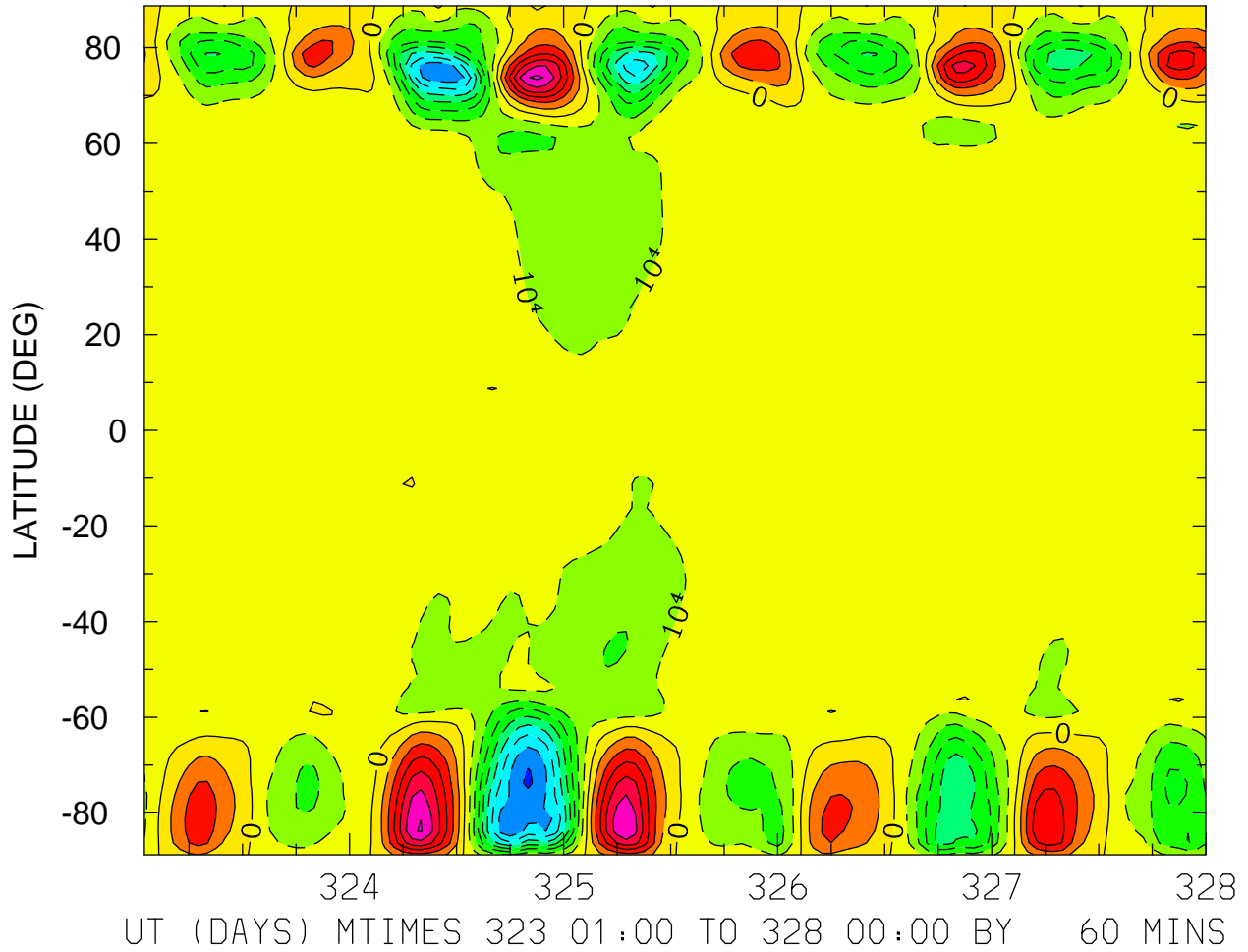
MIN,MAX= -9.6220E+04 7.5219E+04 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
ZP = -4.000 LOCAL TIME = 12.00

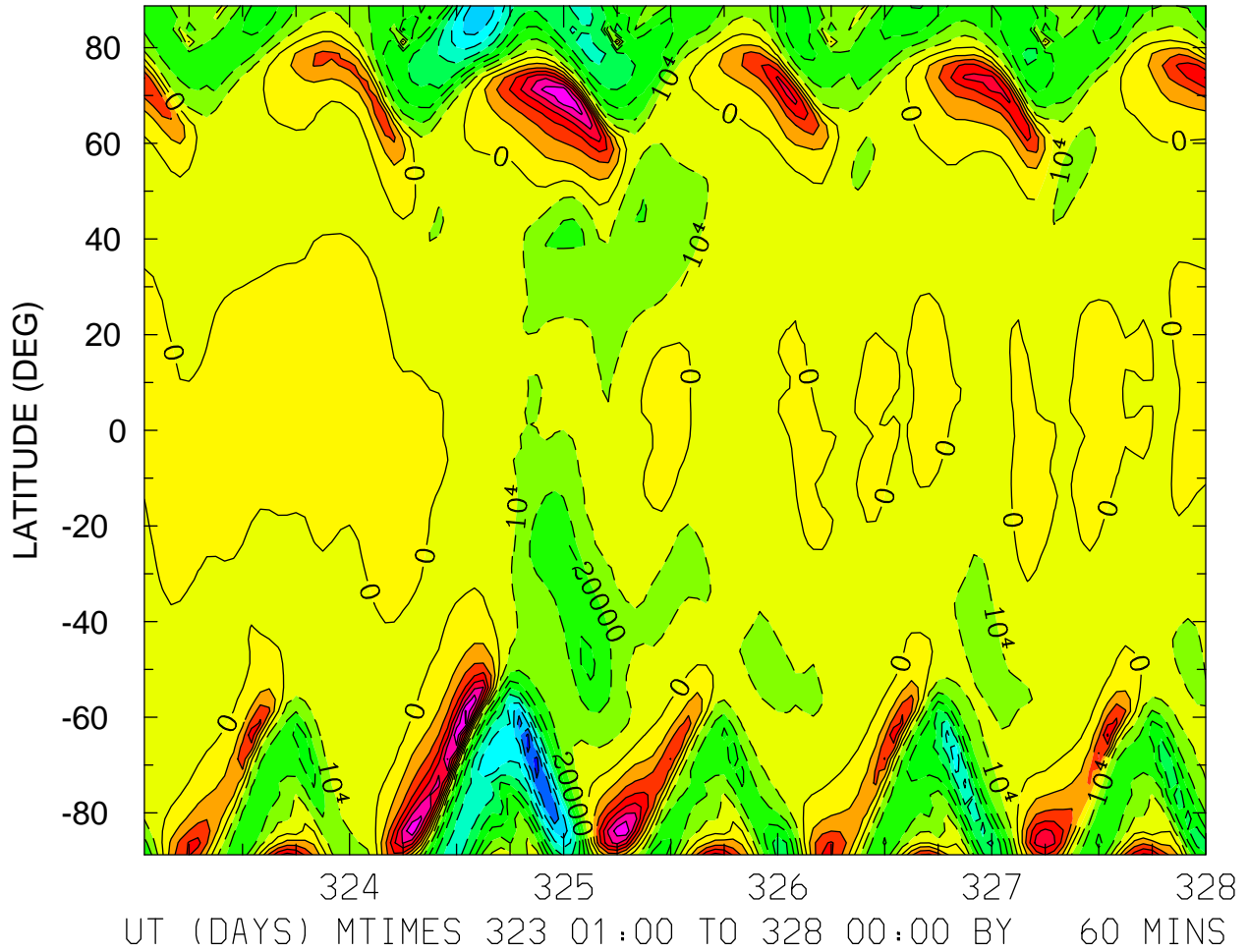


MIN,MAX= -1.3666E+05 7.4326E+04 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
ZP = -4.000 ZONAL MEANS

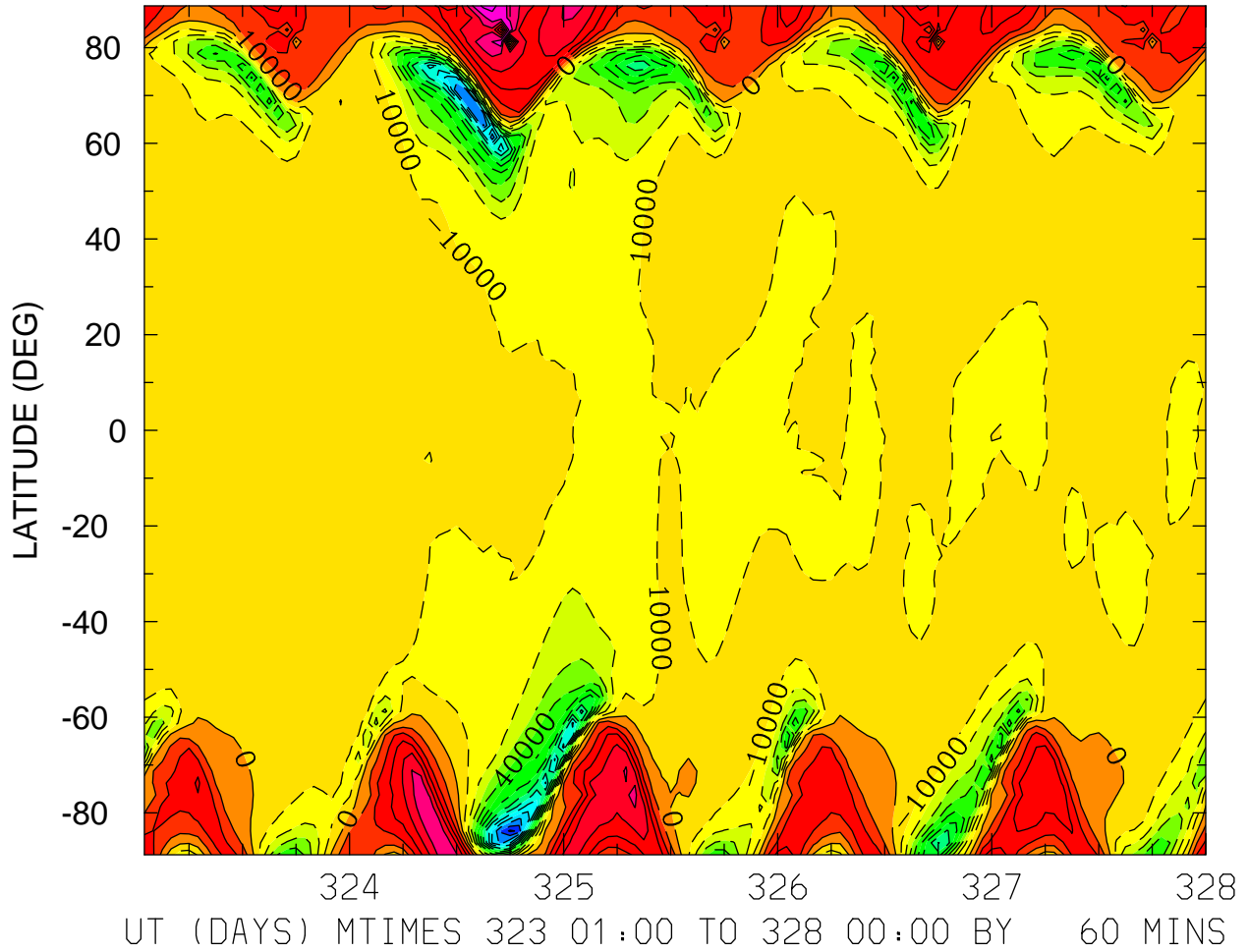


UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
ZP = 0.000 LOCAL TIME = 0.00



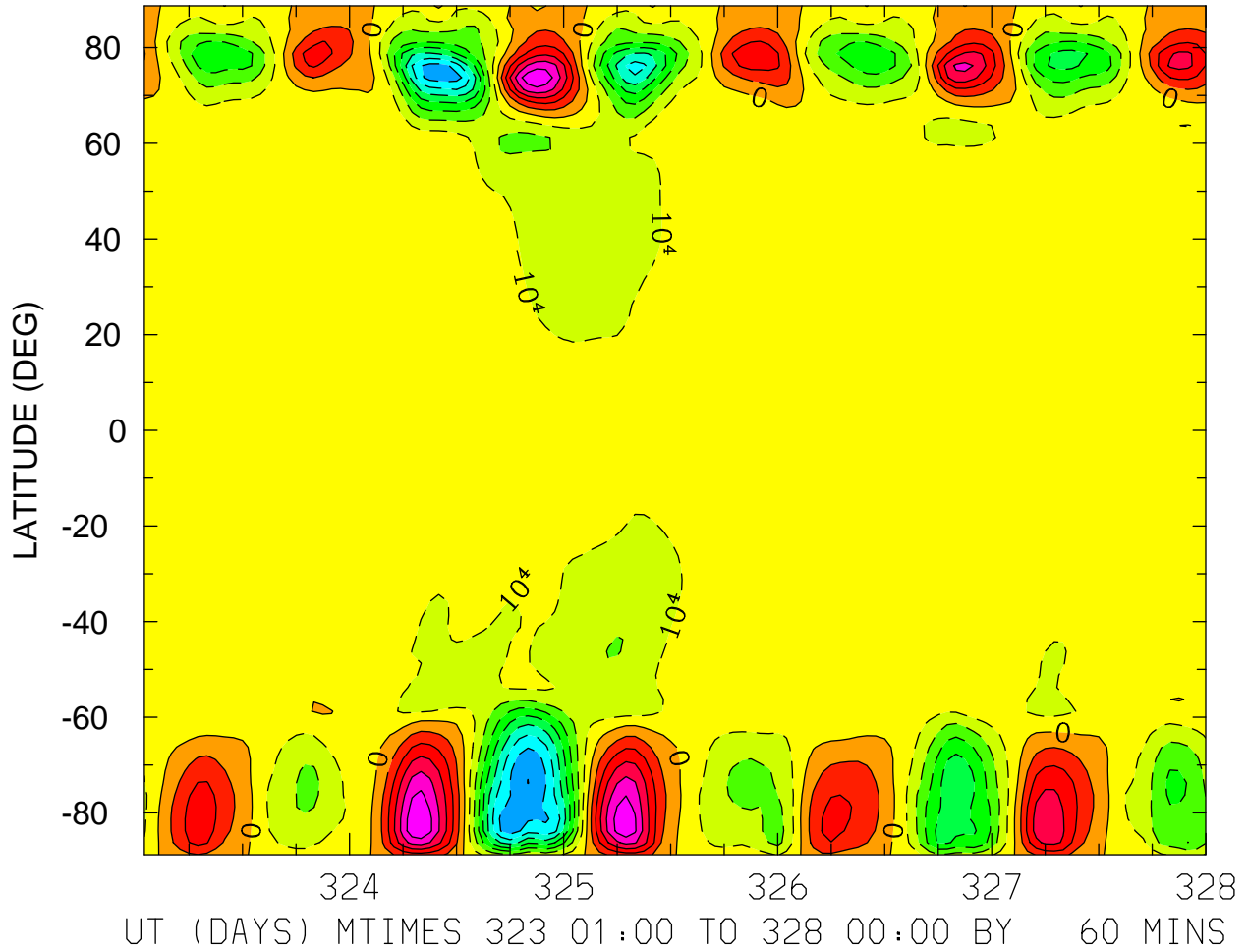
MIN,MAX= -9.3509E+04 7.1674E+04 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
ZP = 0.000 LOCAL TIME = 12.00



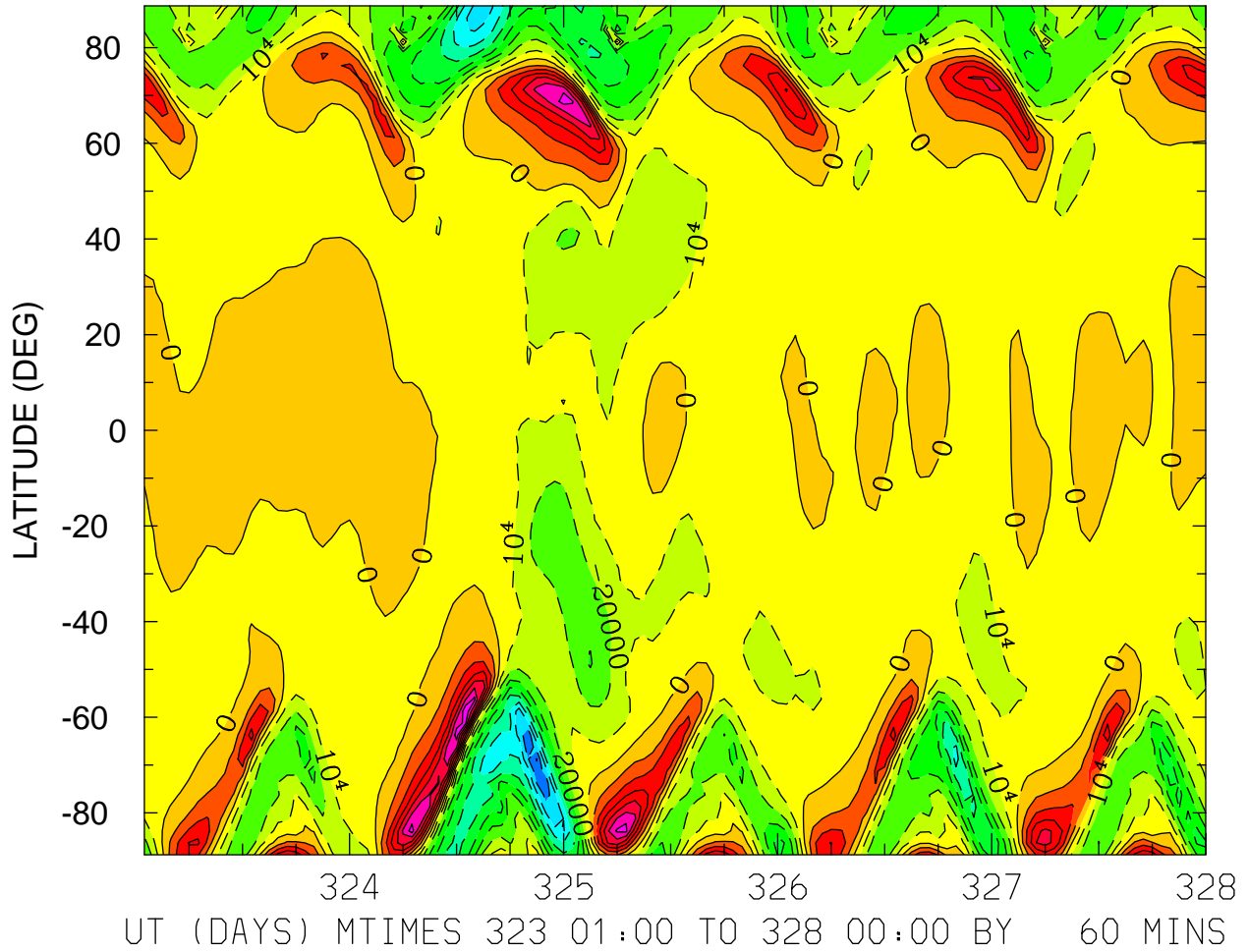
MIN,MAX= -1.3193E+05 7.3117E+04 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
ZP = 0.000 ZONAL MEANS



MIN,MAX= -8.0147E+04 5.9590E+04 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

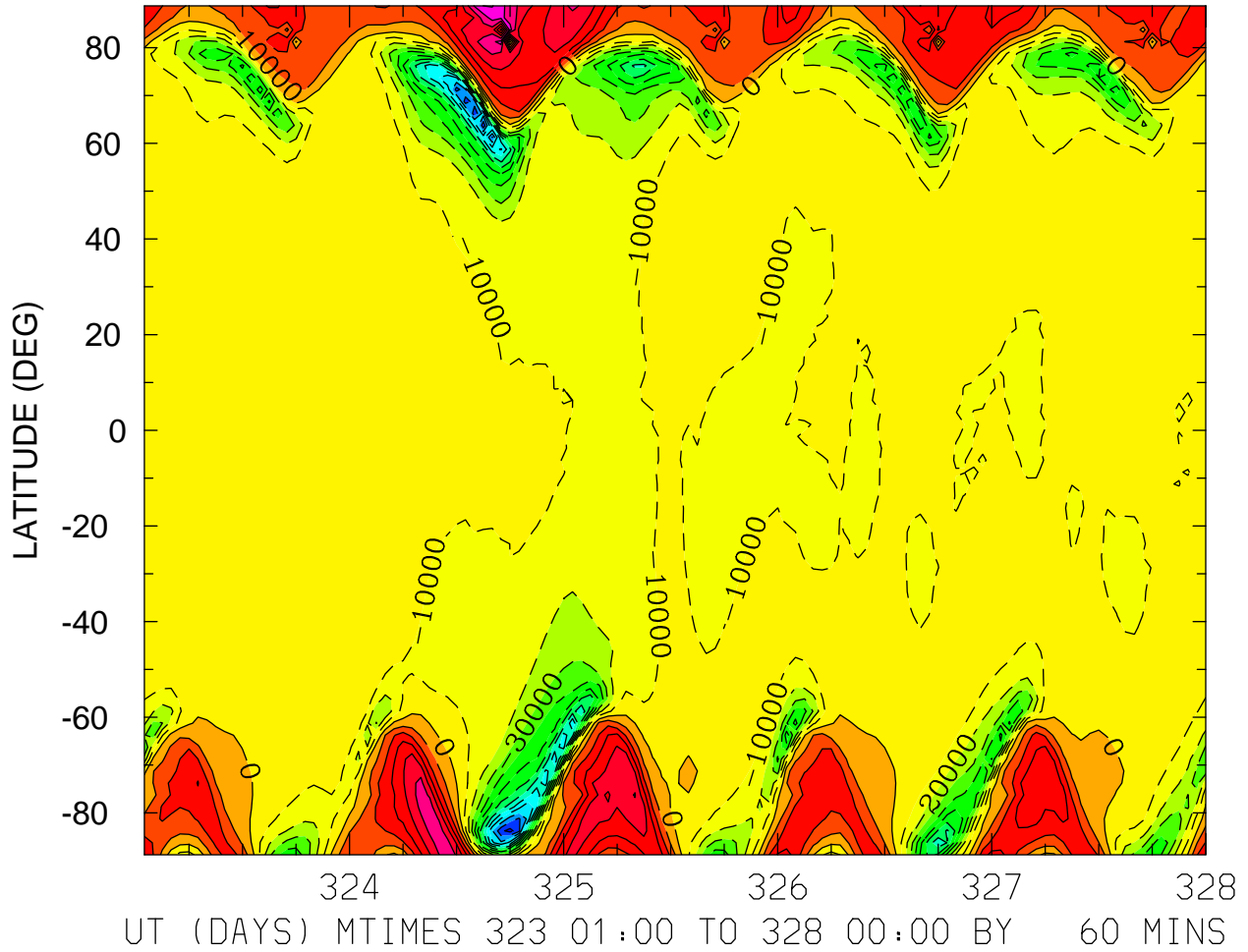
UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
ZP = 4.000 LOCAL TIME = 0.00



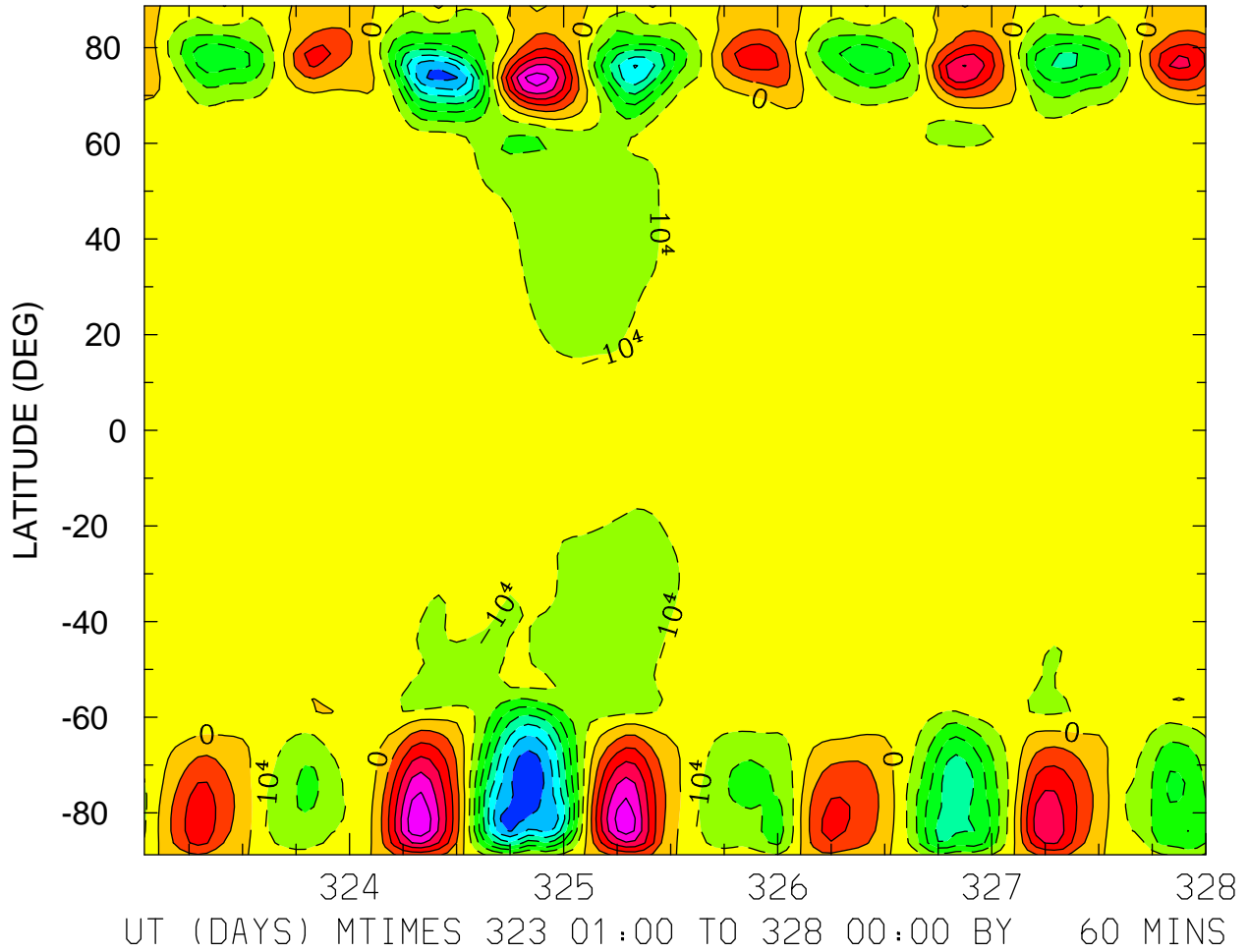
MIN,MAX= -9.0451E+04 6.9836E+04 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc



UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
ZP = 4.000 LOCAL TIME = 12.00

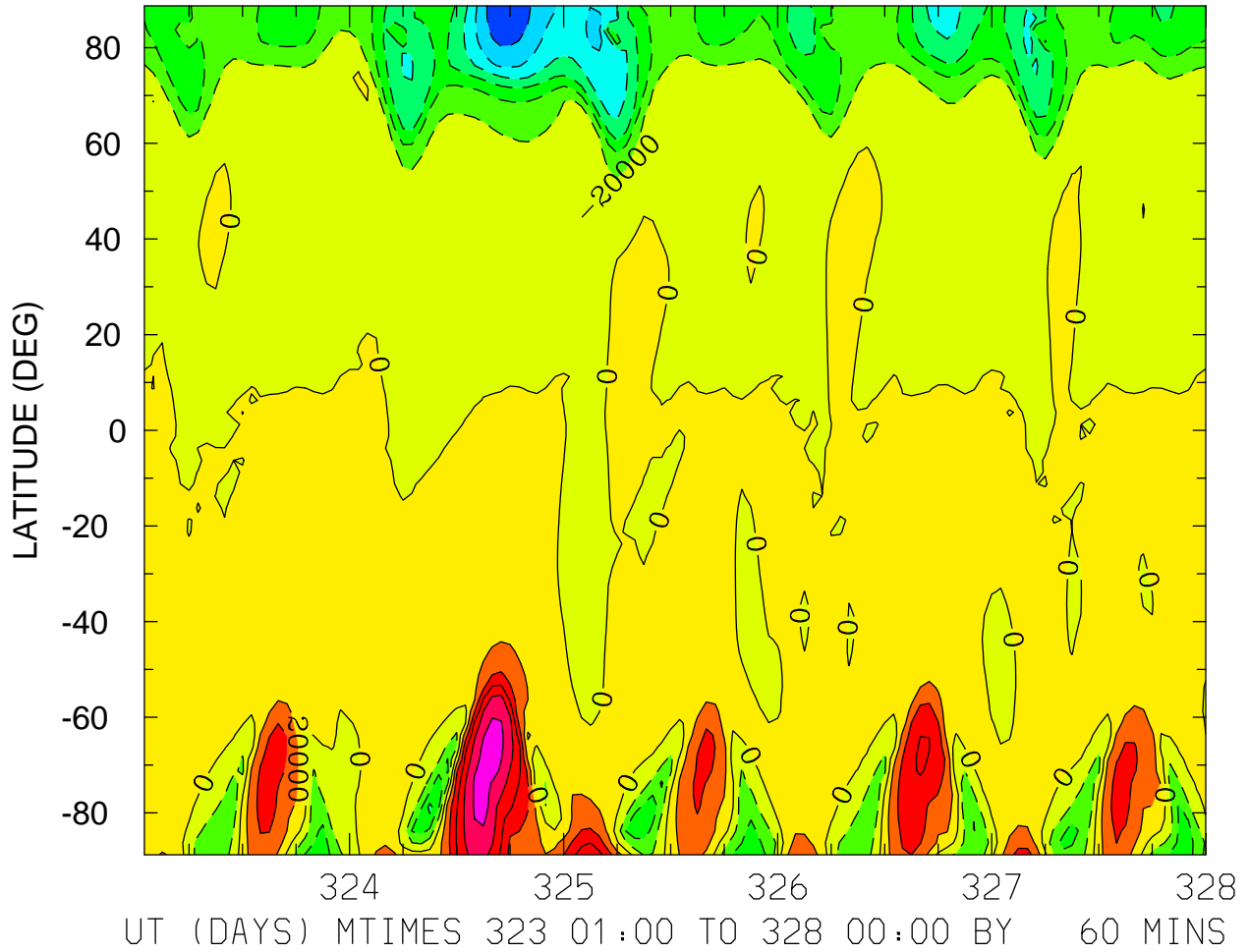


UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
ZP = 4.000 ZONAL MEANS



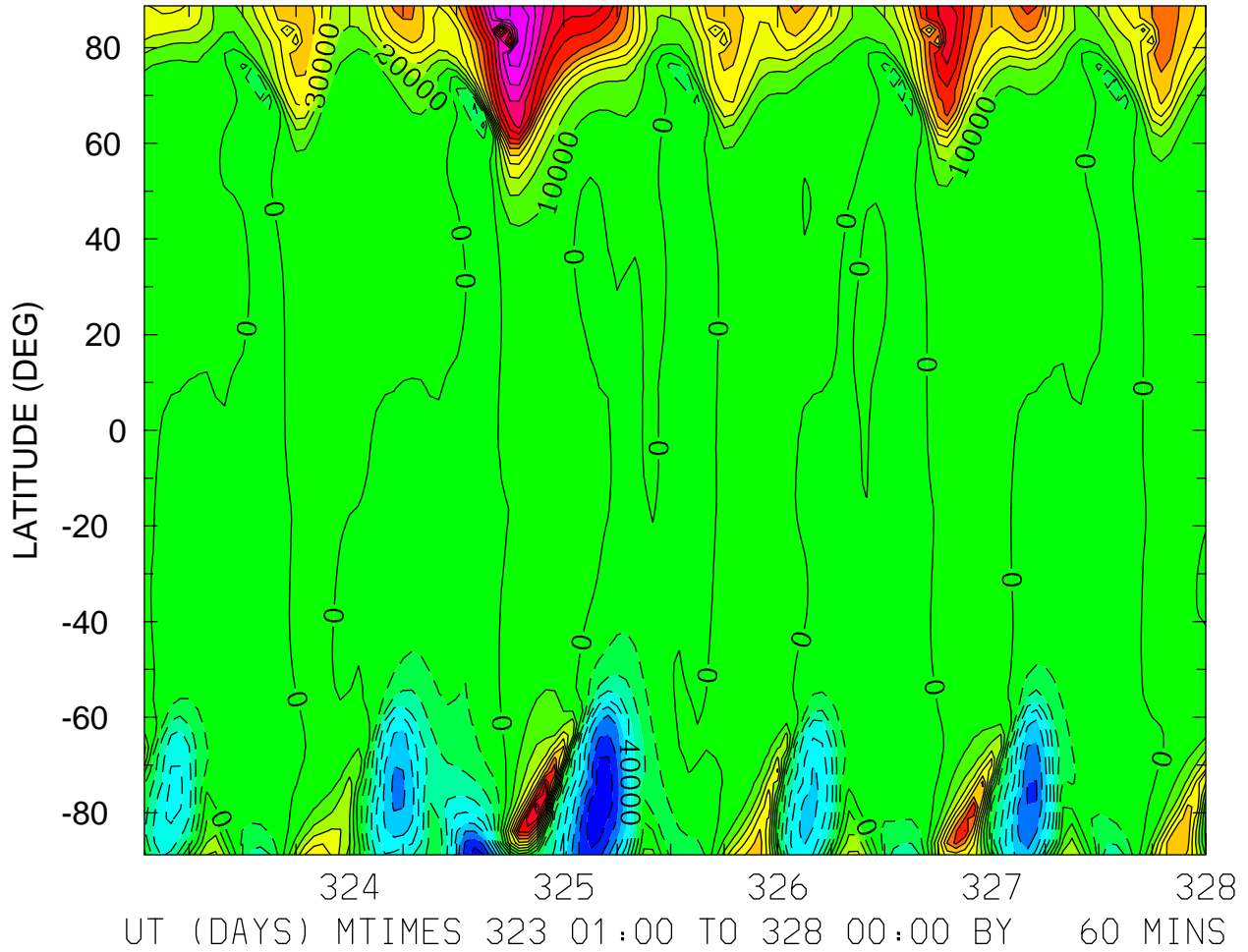
MIN,MAX= -7.7998E+04 5.8157E+04 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
ZP = -4.000 LOCAL TIME = 0.00



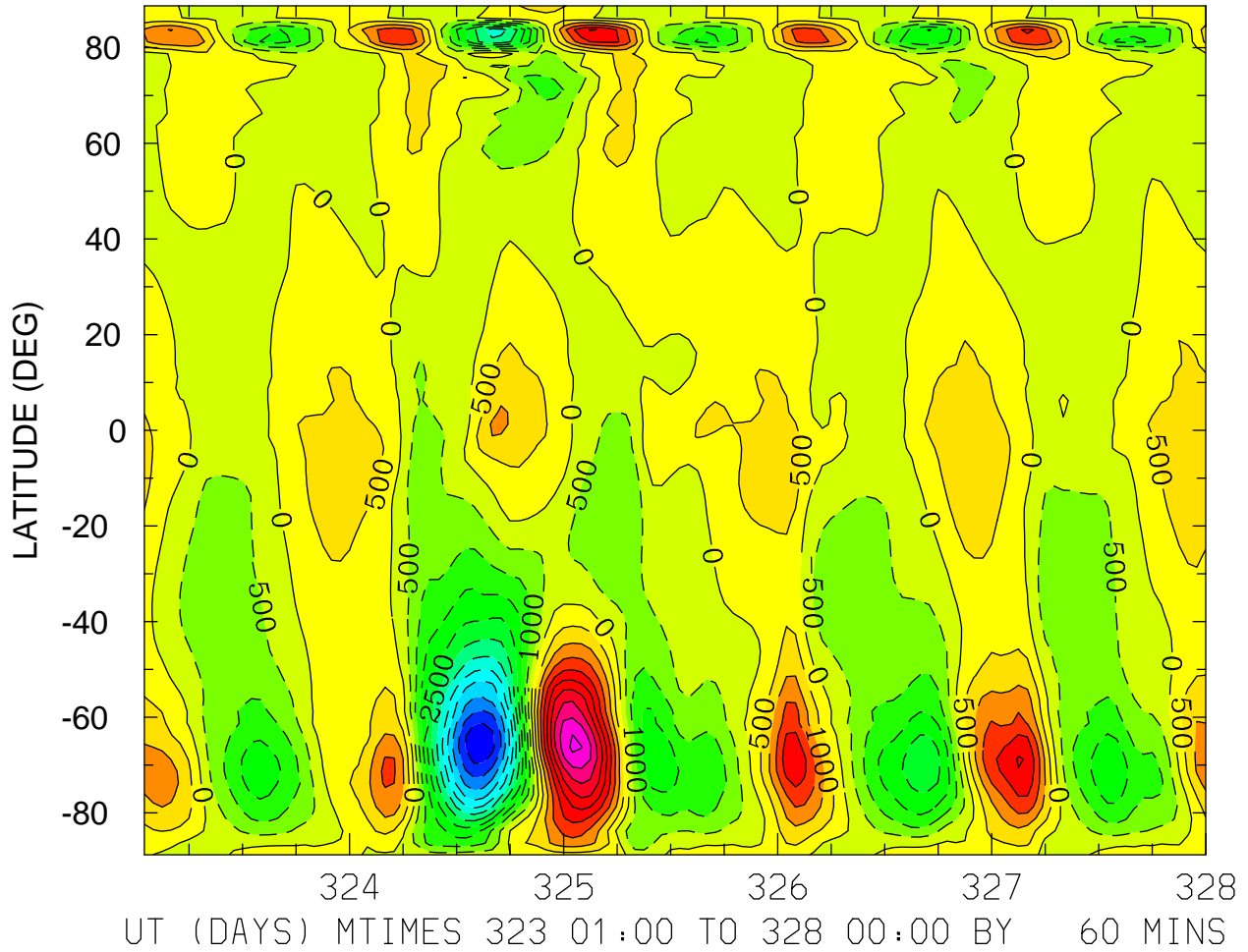
MIN,MAX= -1.3860E+05 1.1282E+05 INTERVAL= 2.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
ZP = -4.000 LOCAL TIME = 12.00

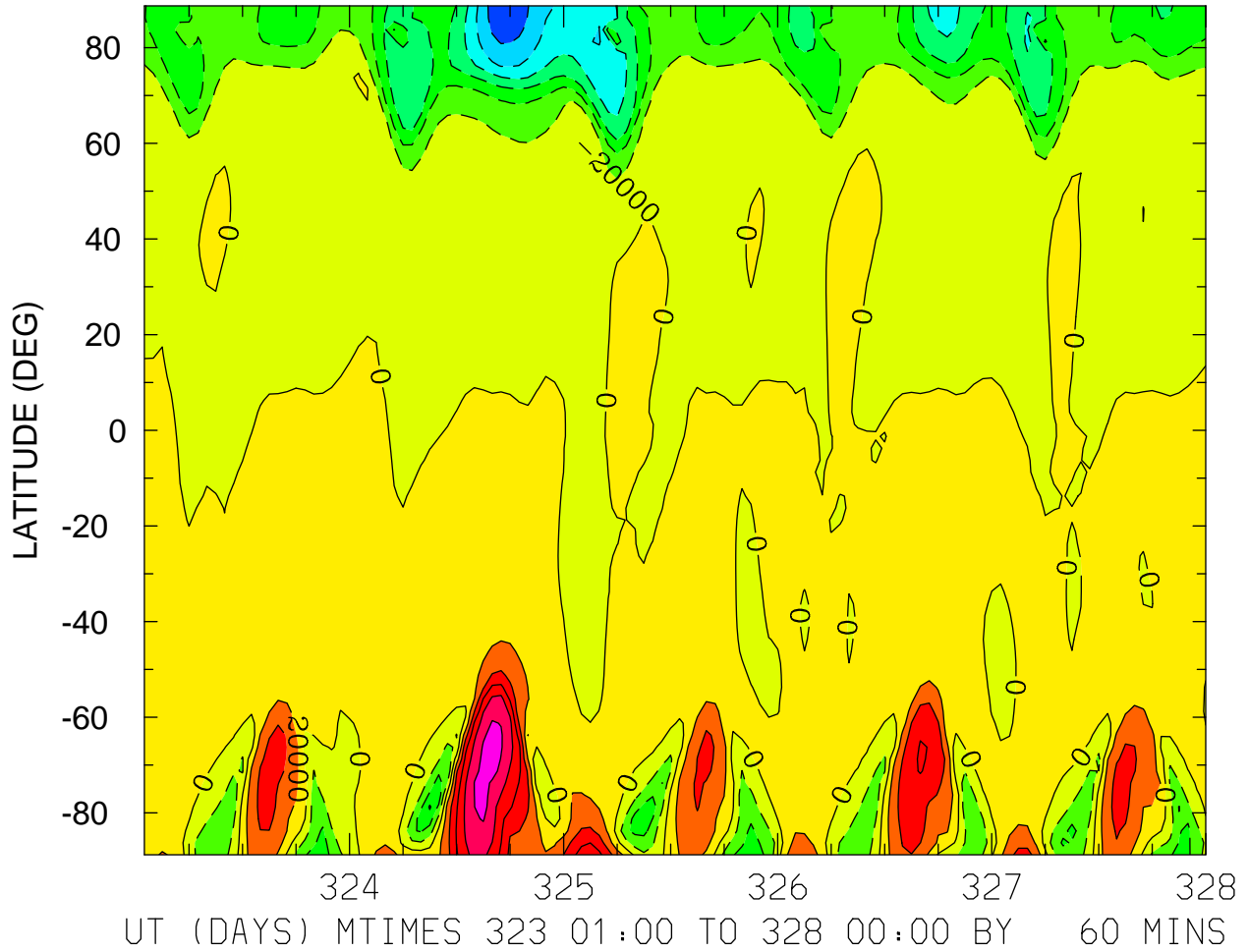


MIN,MAX= -8.6673E+04 1.3986E+05 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
ZP = -4.000 ZONAL MEANS

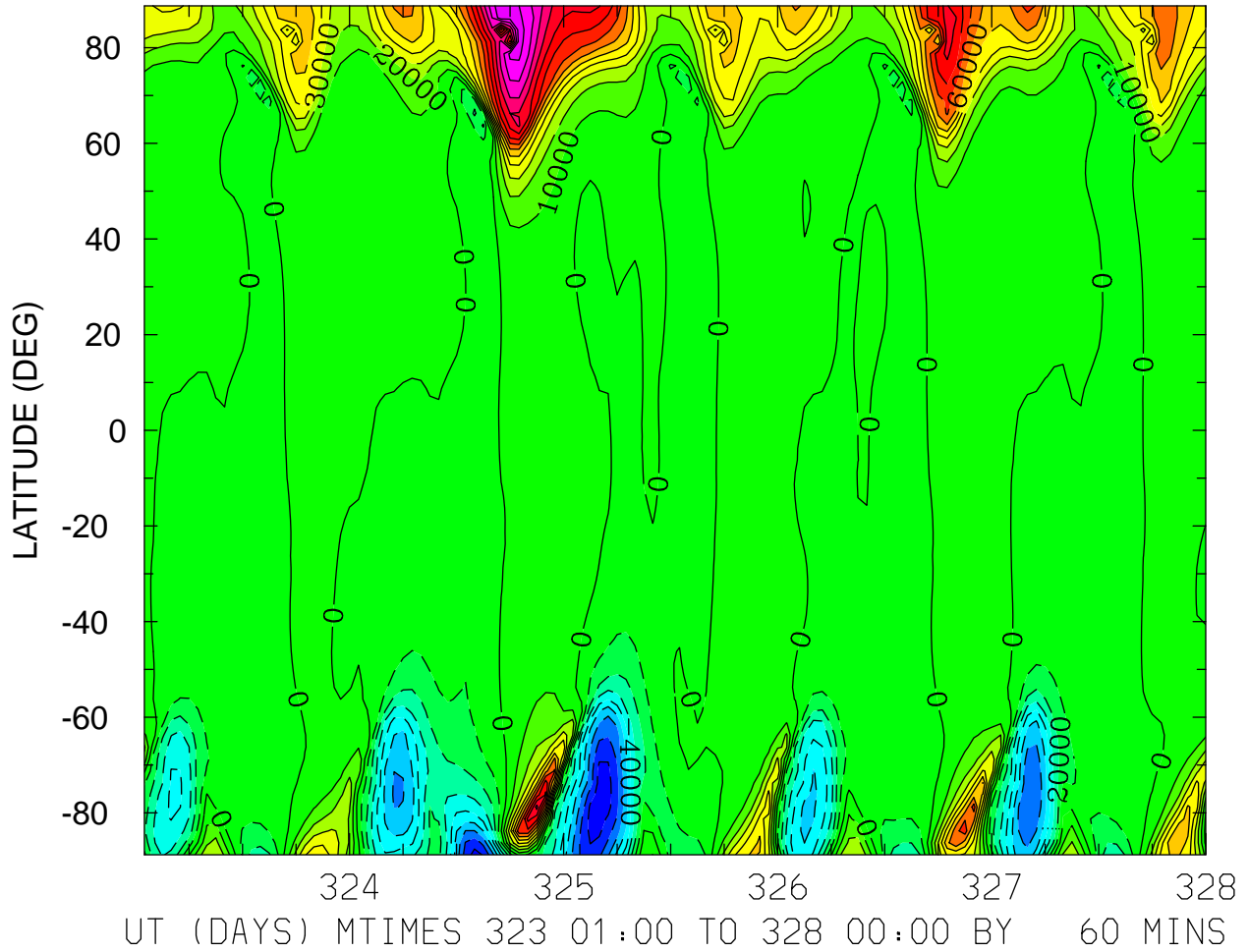


VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
ZP = 0.000 LOCAL TIME = 0.00



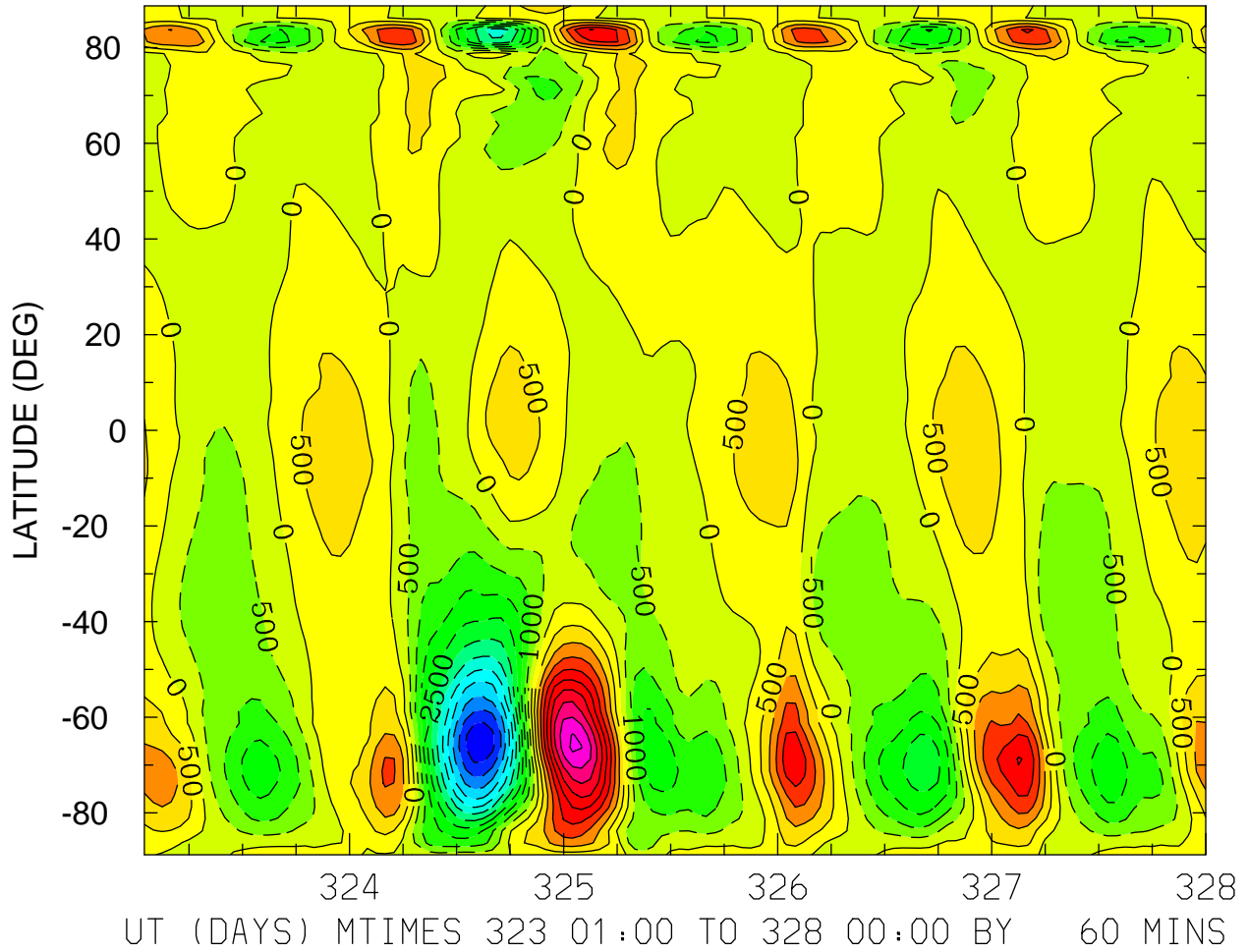
MIN,MAX= -1.3604E+05 1.1090E+05 INTERVAL= 2.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
ZP = 0.000 LOCAL TIME = 12.00



MIN,MAX= -8.4909E+04 1.3725E+05 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

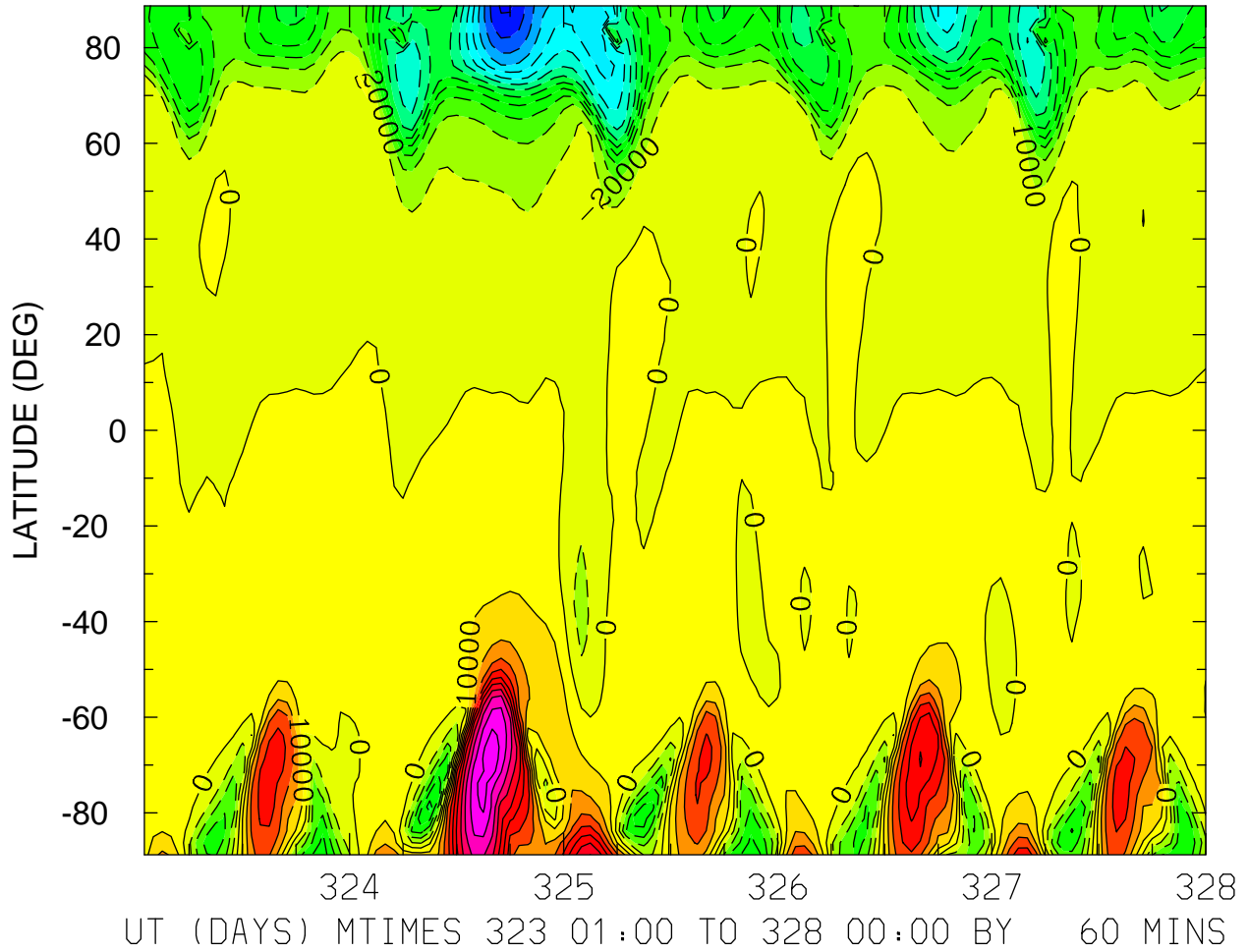
VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
ZP = 0.000 ZONAL MEANS



MIN,MAX= -5.8769E+03 4.6058E+03 INTERVAL= 5.0000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

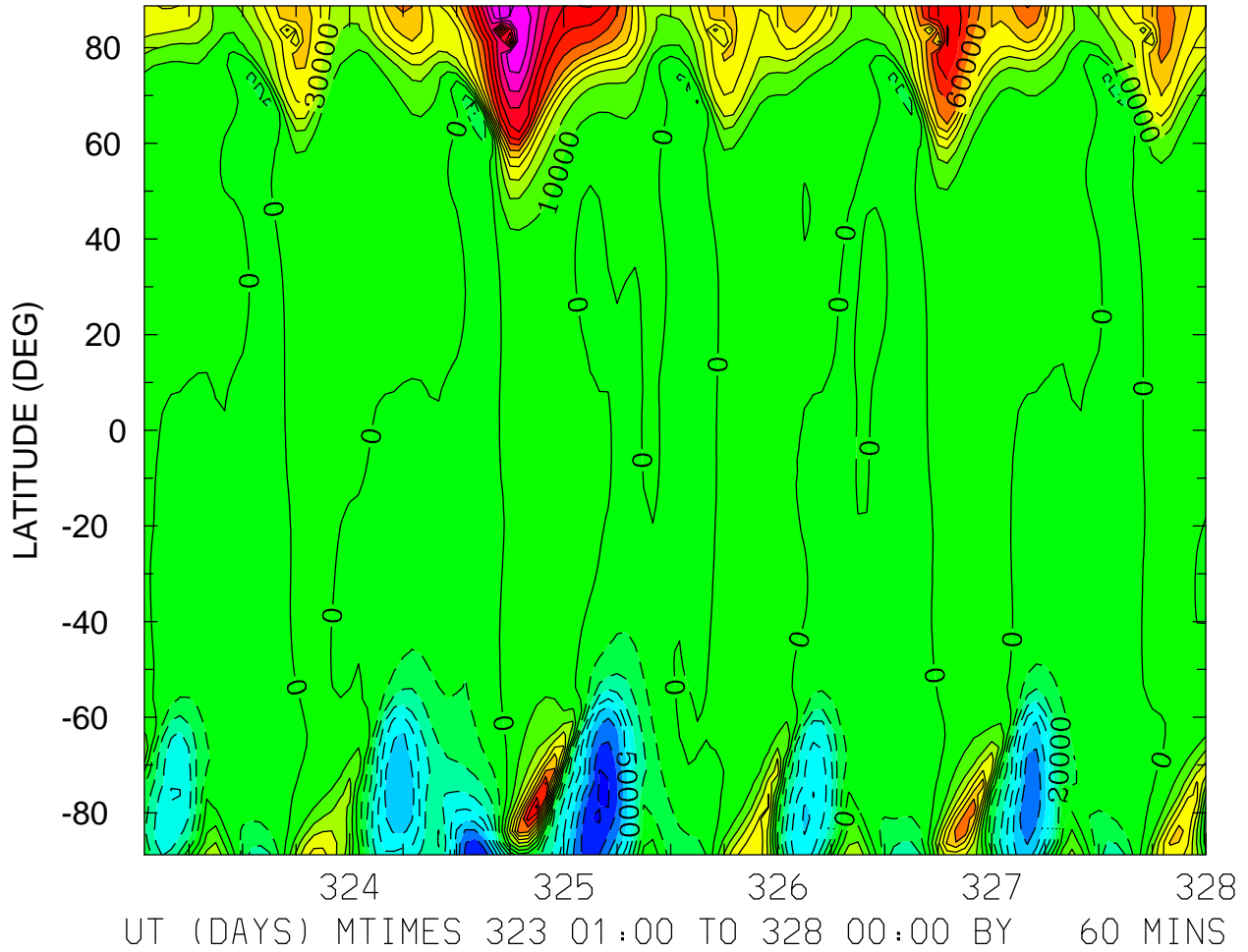


VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
ZP = 4.000 LOCAL TIME = 0.00



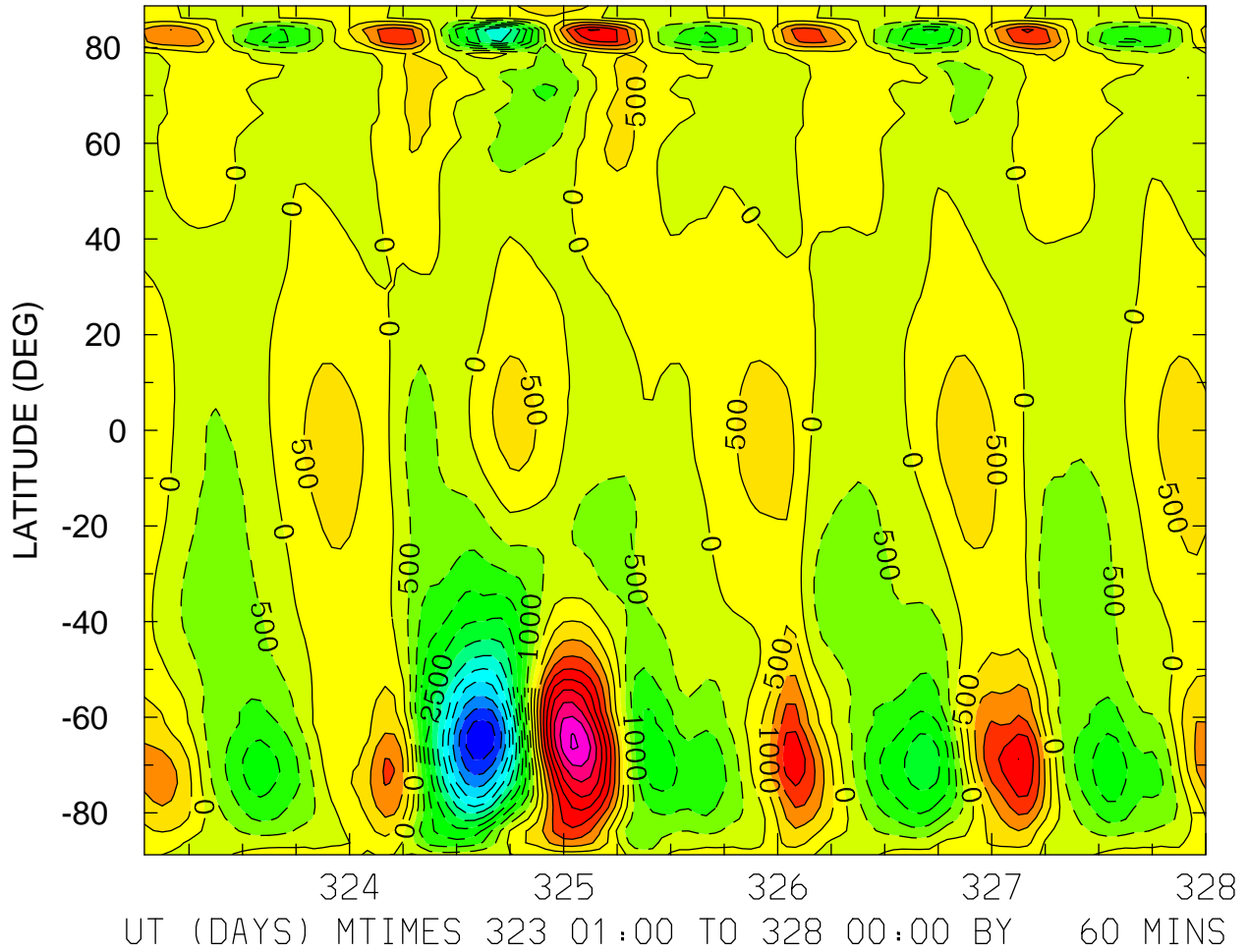
MIN,MAX= -1.3163E+05 1.0723E+05 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
ZP = 4.000 LOCAL TIME = 12.00



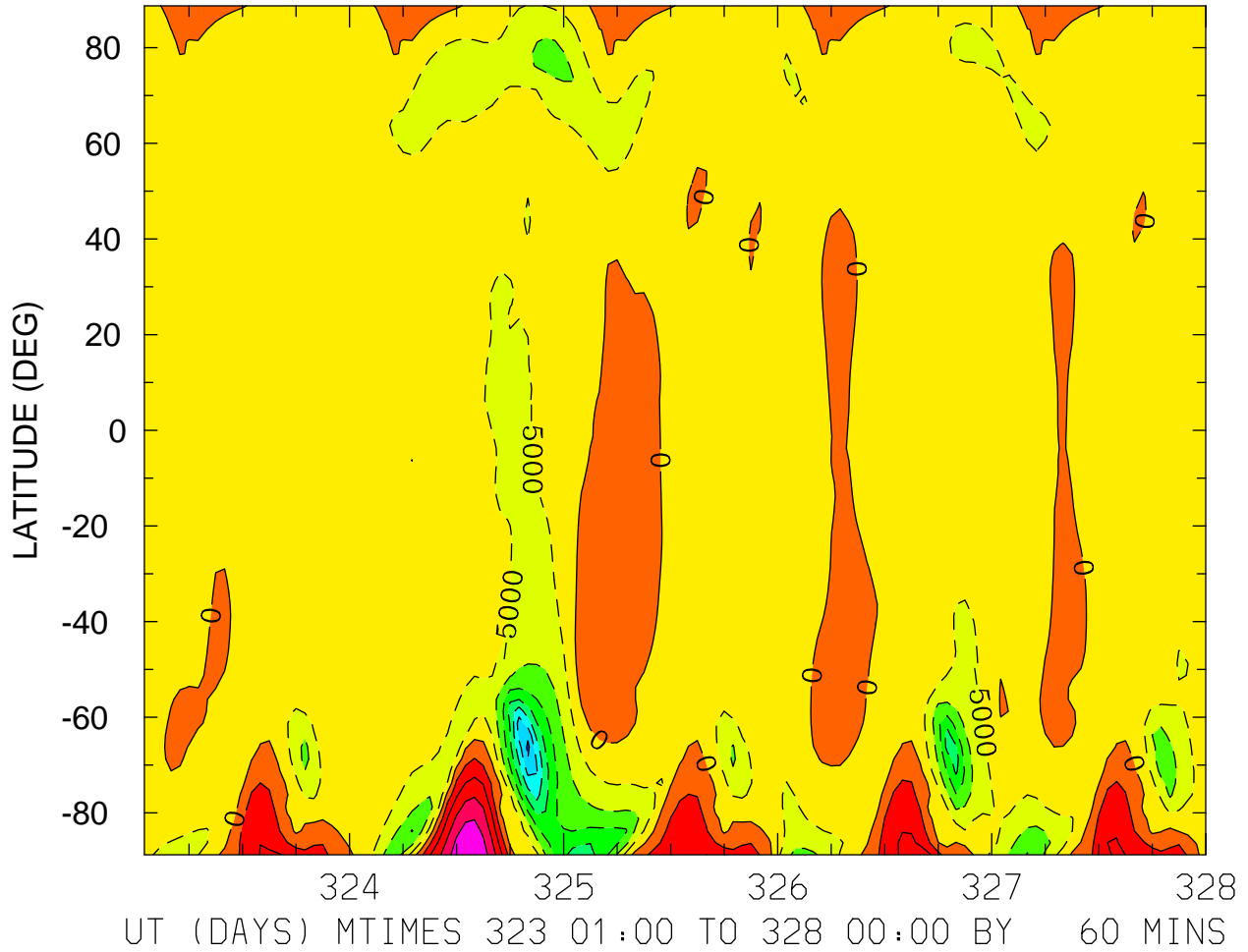
MIN,MAX= -8.1450E+04 1.3268E+05 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
ZP = 4.000 ZONAL MEANS



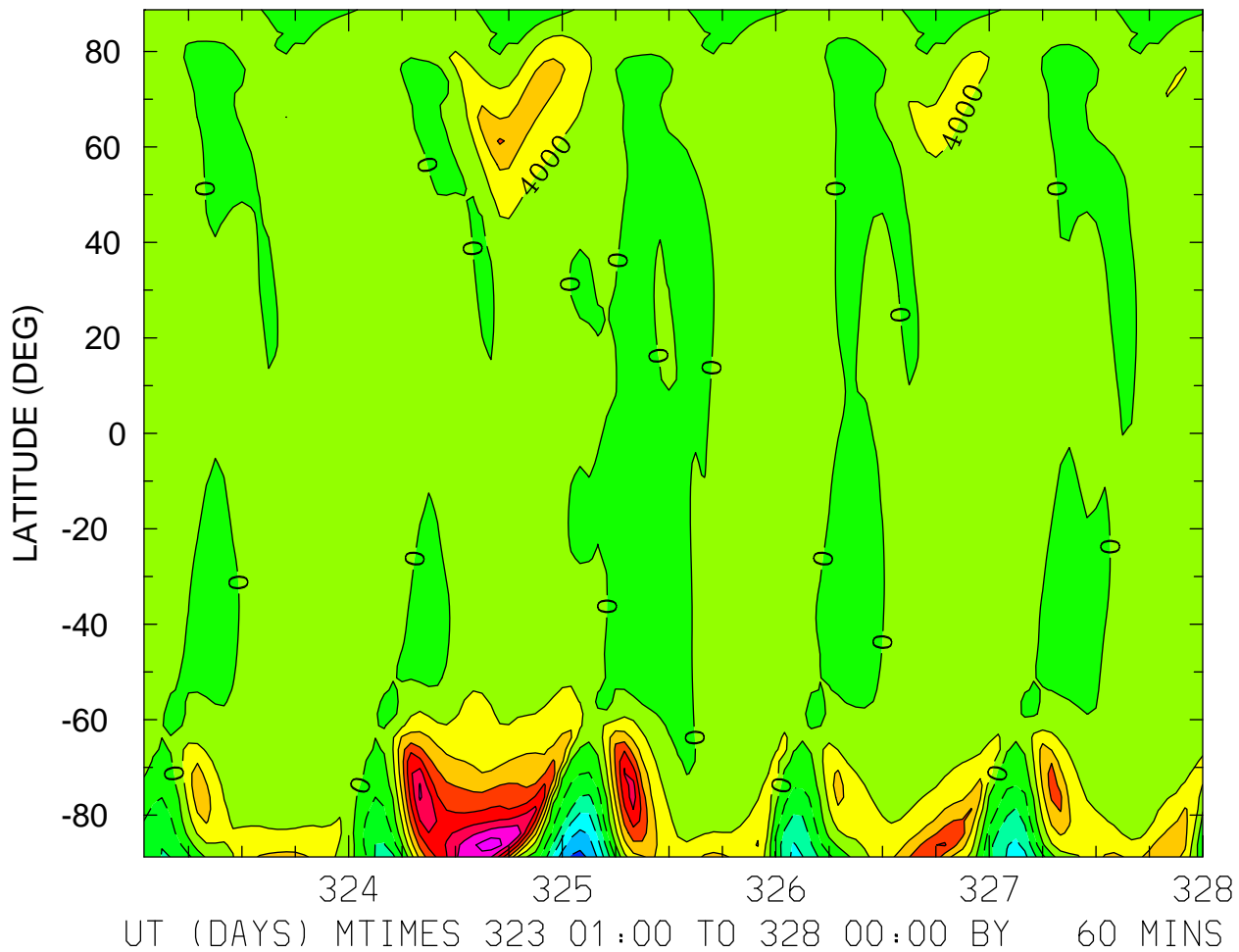
MIN,MAX= -5.8737E+03 4.5599E+03 INTERVAL= 5.0000E+02  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
ZP = -4.000 LOCAL TIME = 0.00



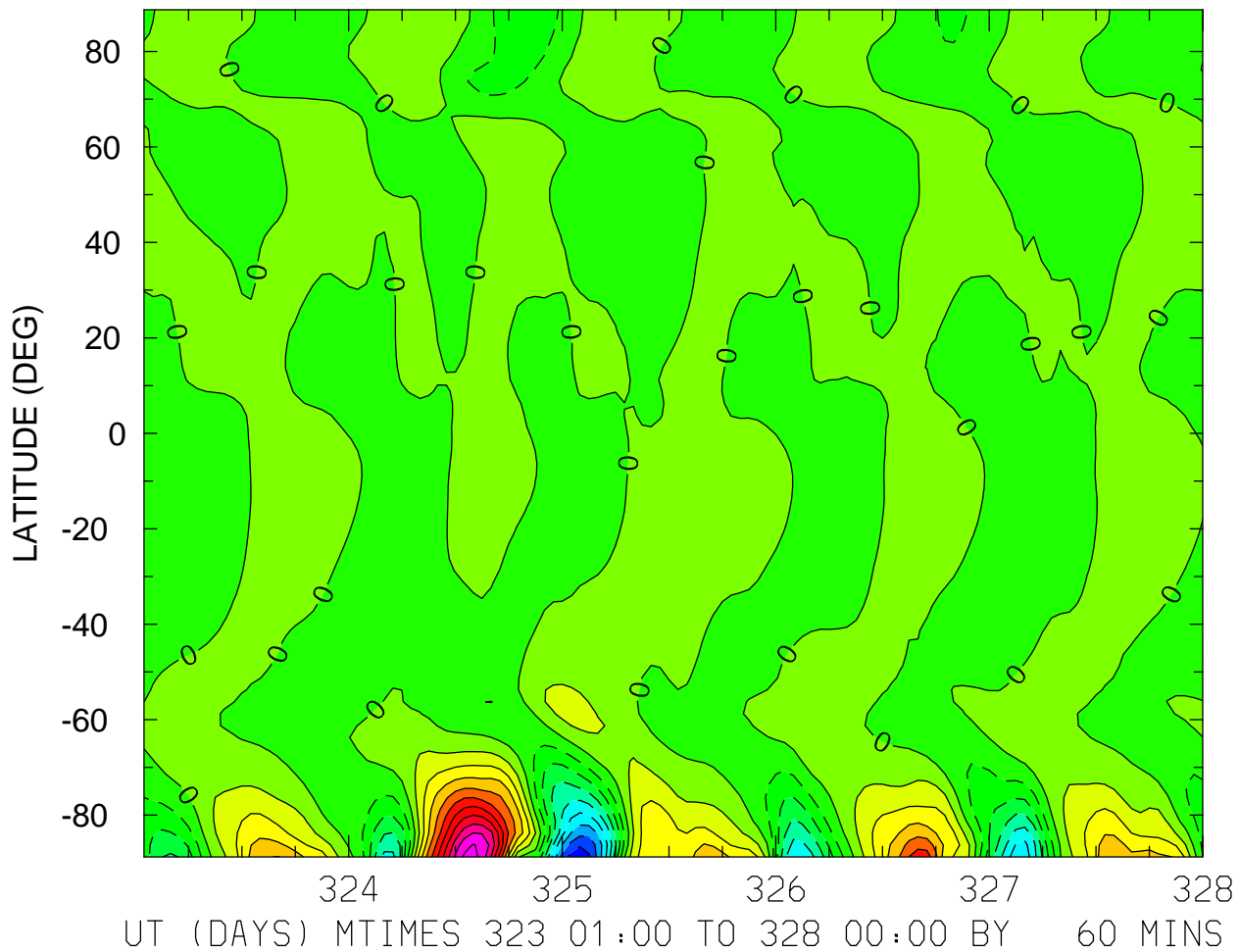
MIN,MAX= -3.6267E+04 2.4983E+04 INTERVAL= 5.0000E+03  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
ZP = -4.000 LOCAL TIME = 12.00



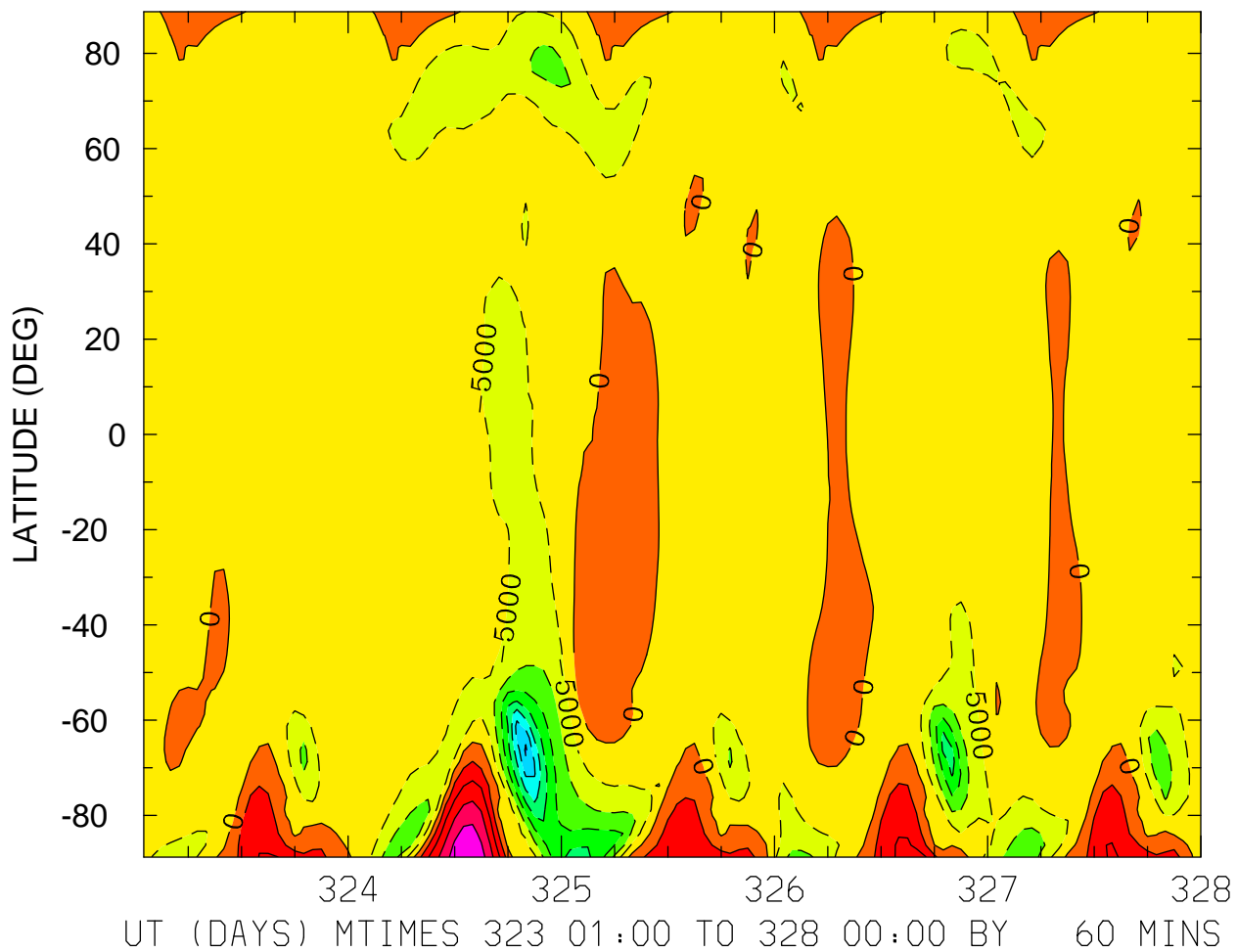
MIN,MAX= -2.1052E+04 3.0678E+04 INTERVAL= 4.0000E+03  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
ZP = -4.000 ZONAL MEANS



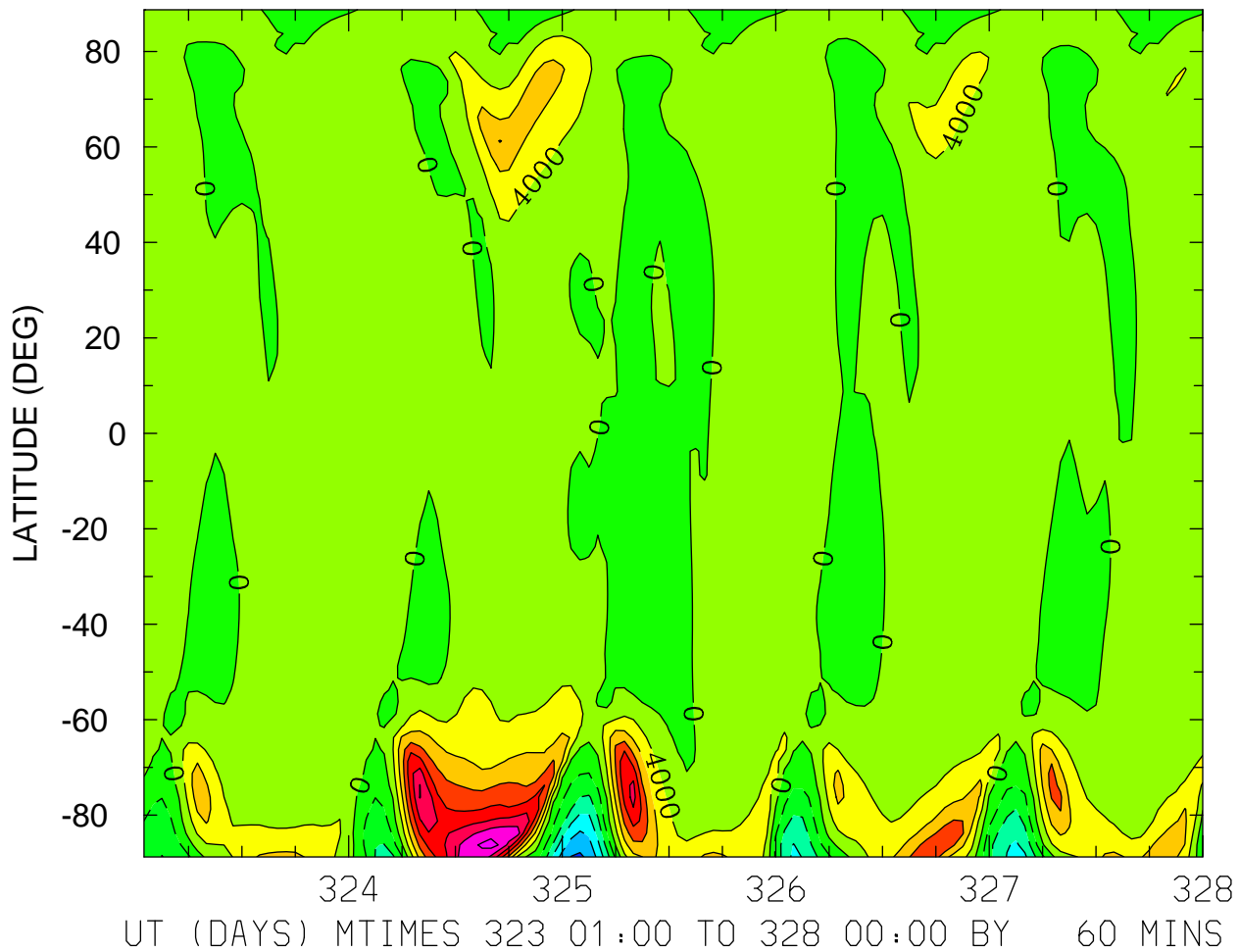
MIN,MAX= -2.1560E+04 2.5922E+04 INTERVAL= 2.5000E+03  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
ZP = 0.000 LOCAL TIME = 0.00



MIN,MAX= -3.5804E+04 2.4624E+04 INTERVAL= 5.0000E+03  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

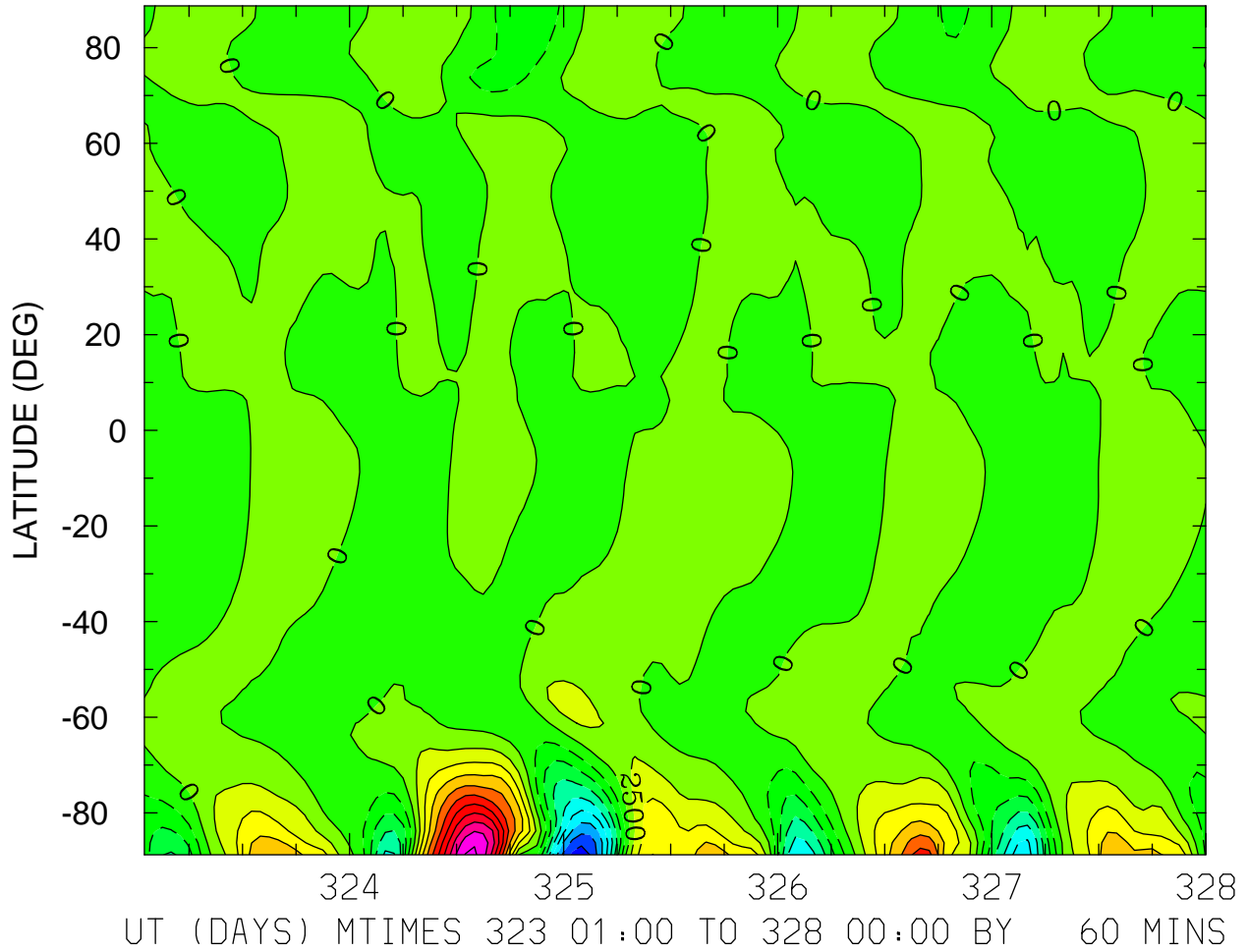
WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
ZP = 0.000 LOCAL TIME = 12.00



MIN,MAX= -2.0689E+04 2.9728E+04 INTERVAL= 4.0000E+03  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

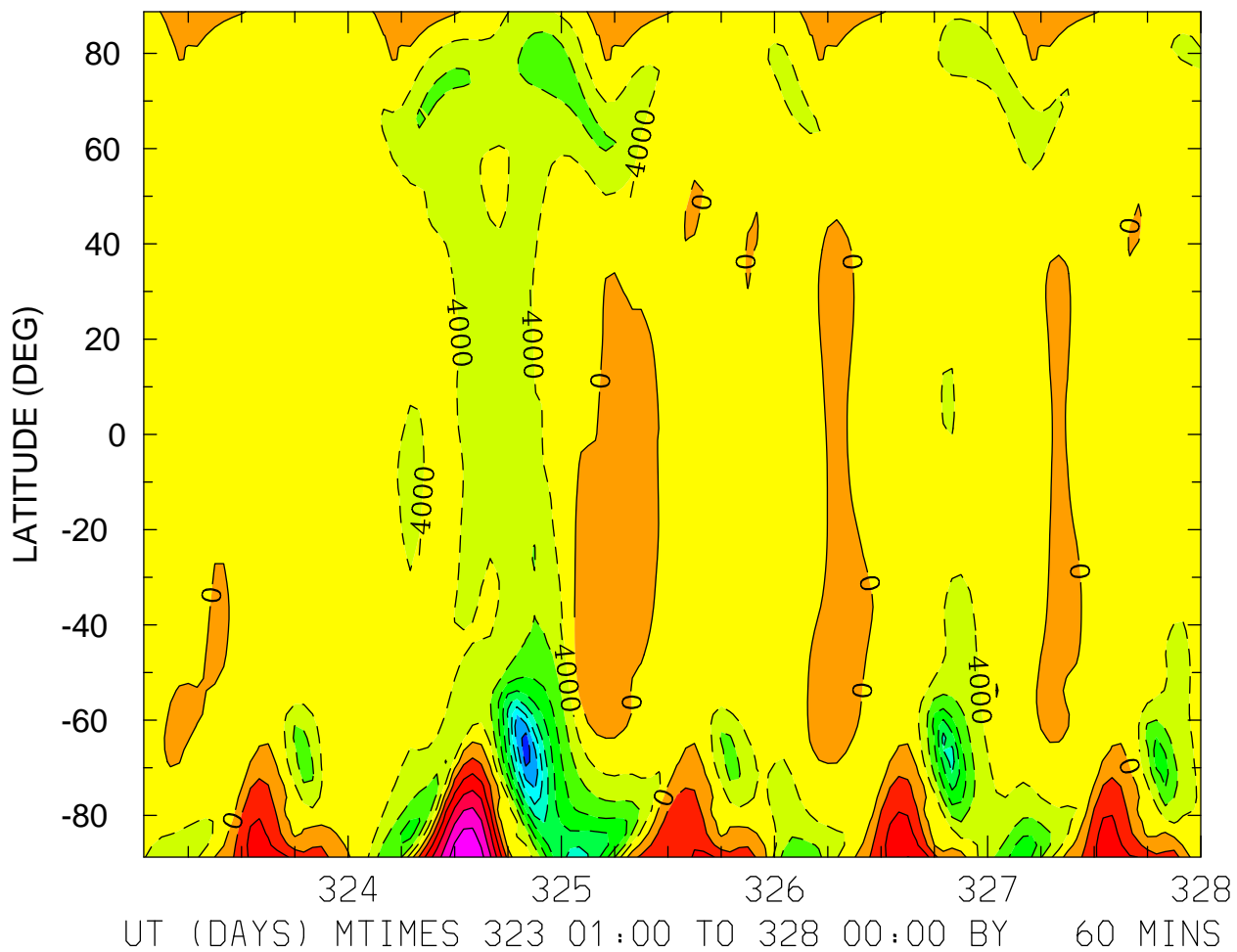


WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
ZP = 0.000 ZONAL MEANS



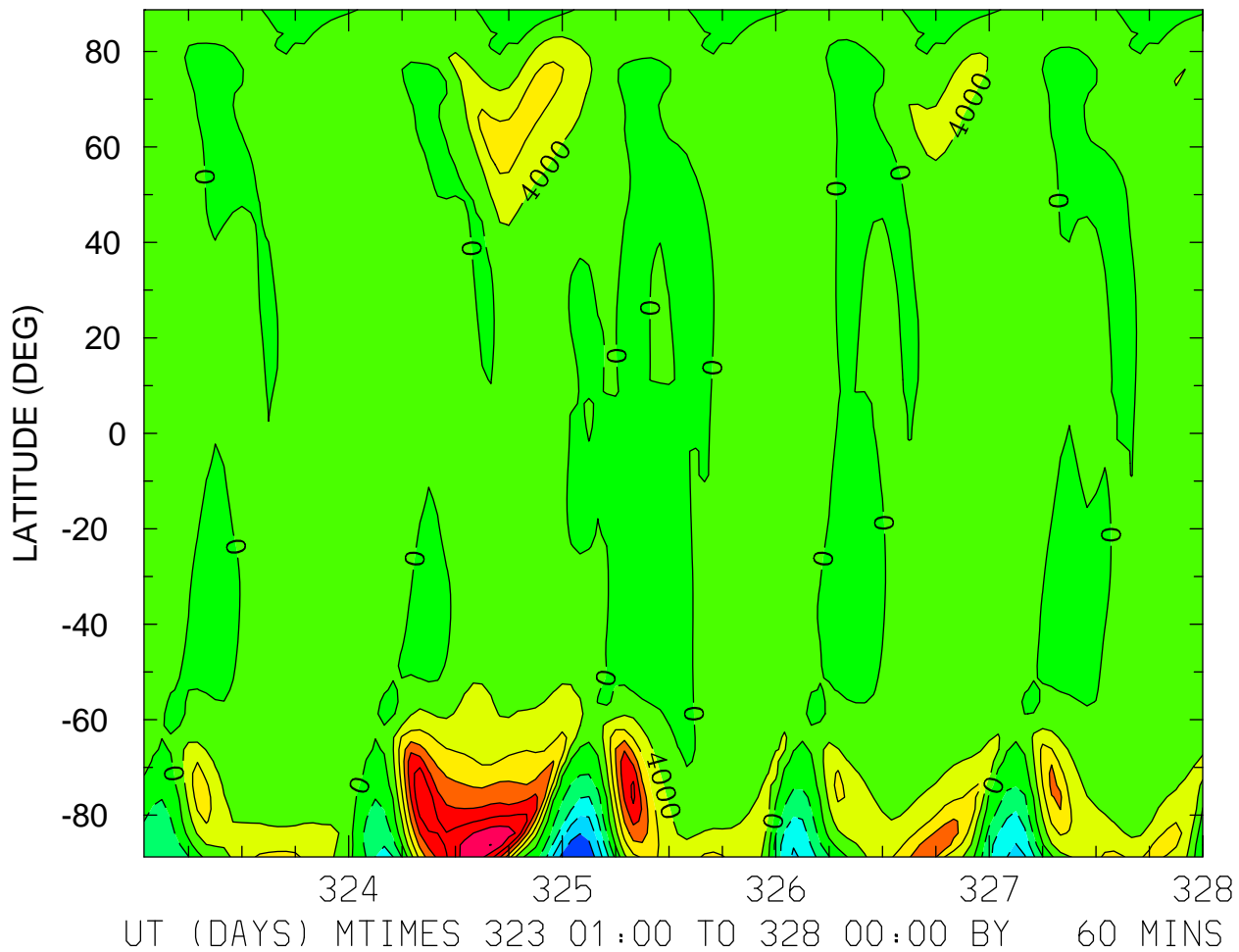
MIN,MAX= -2.1235E+04 2.5473E+04 INTERVAL= 2.5000E+03  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
ZP = 4.000 LOCAL TIME = 0.00



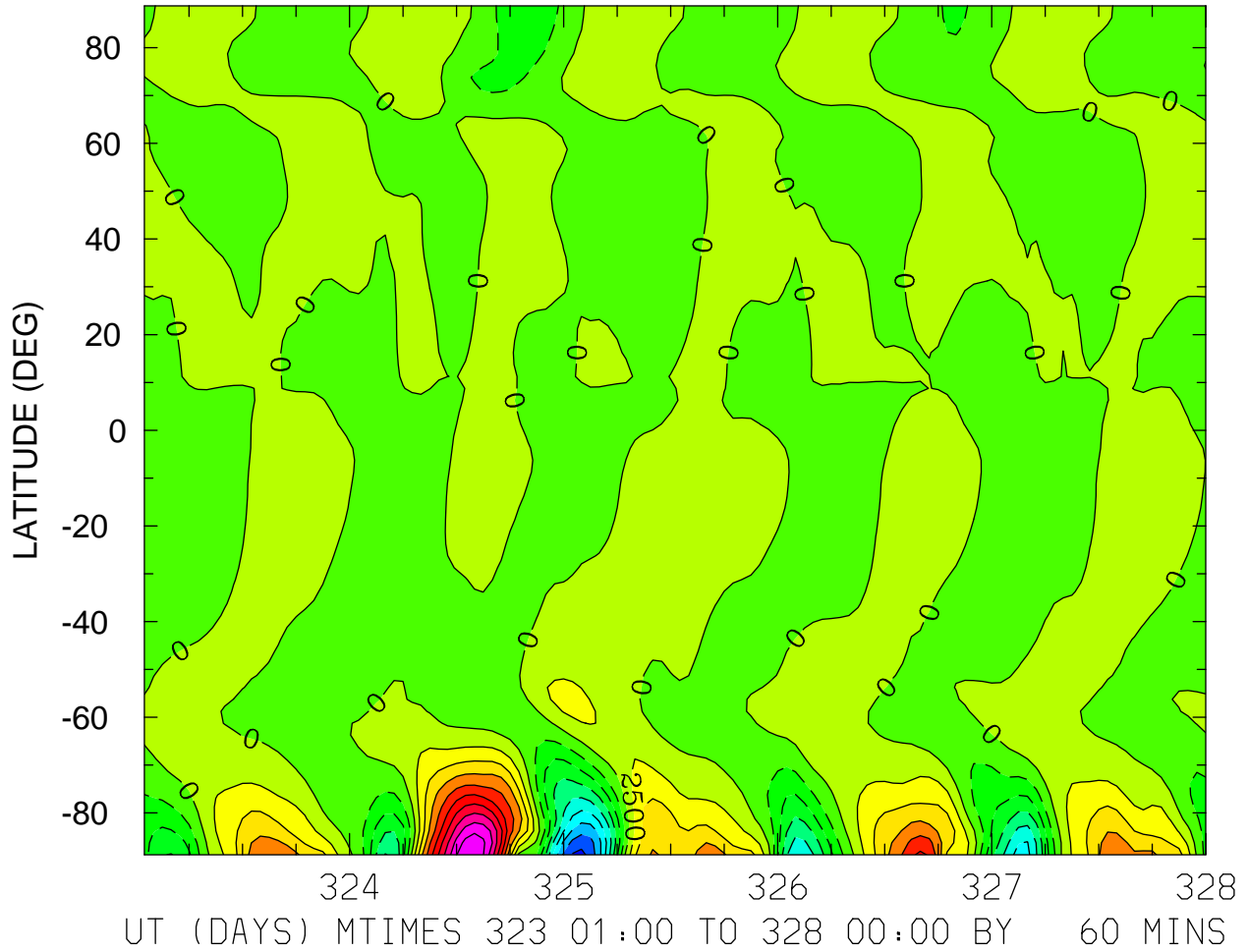
MIN,MAX= -3.4854E+04 2.4012E+04 INTERVAL= 4.0000E+03  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
ZP = 4.000 LOCAL TIME = 12.00



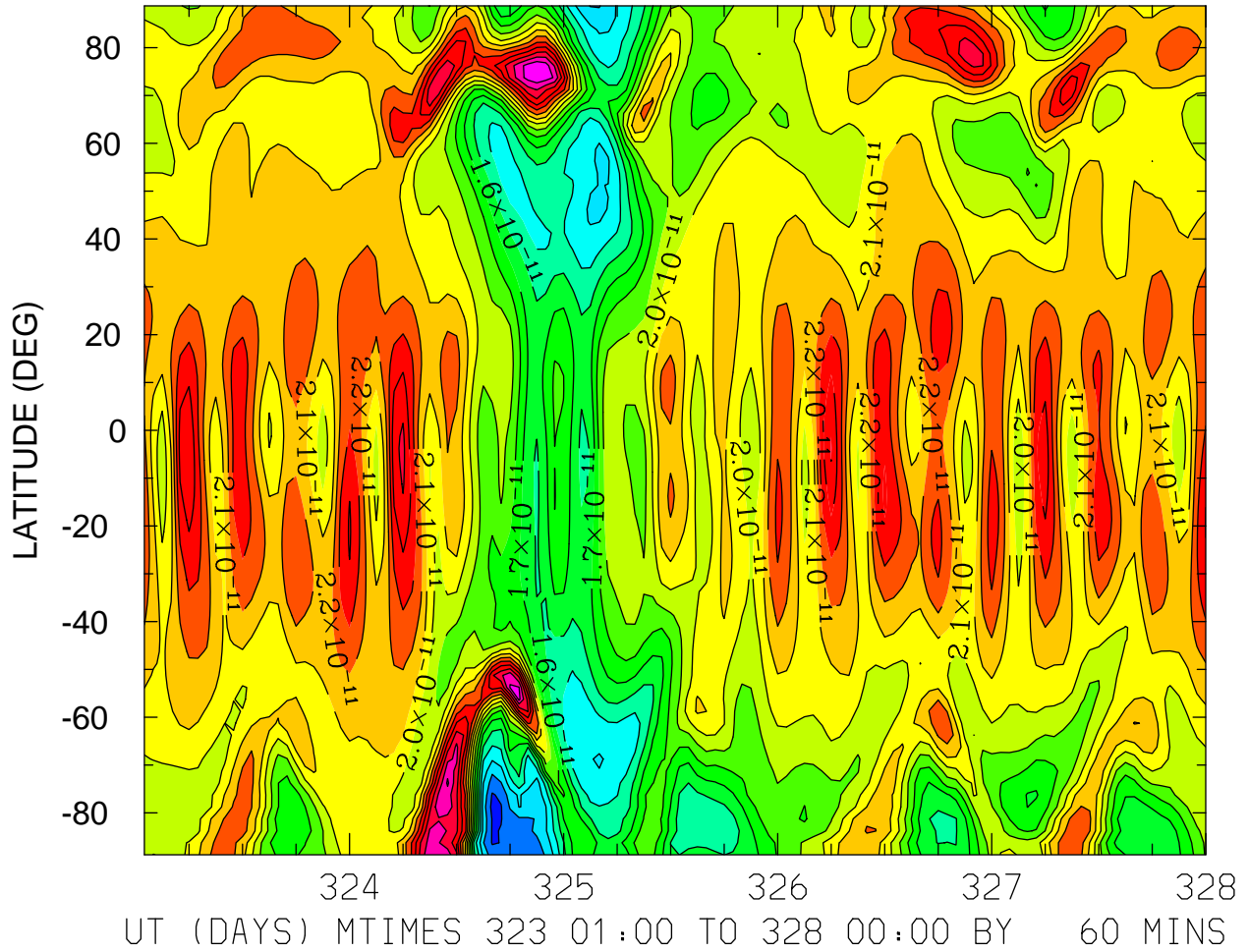
MIN,MAX= -2.0046E+04 2.8056E+04 INTERVAL= 4.0000E+03  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
ZP = 4.000 ZONAL MEANS

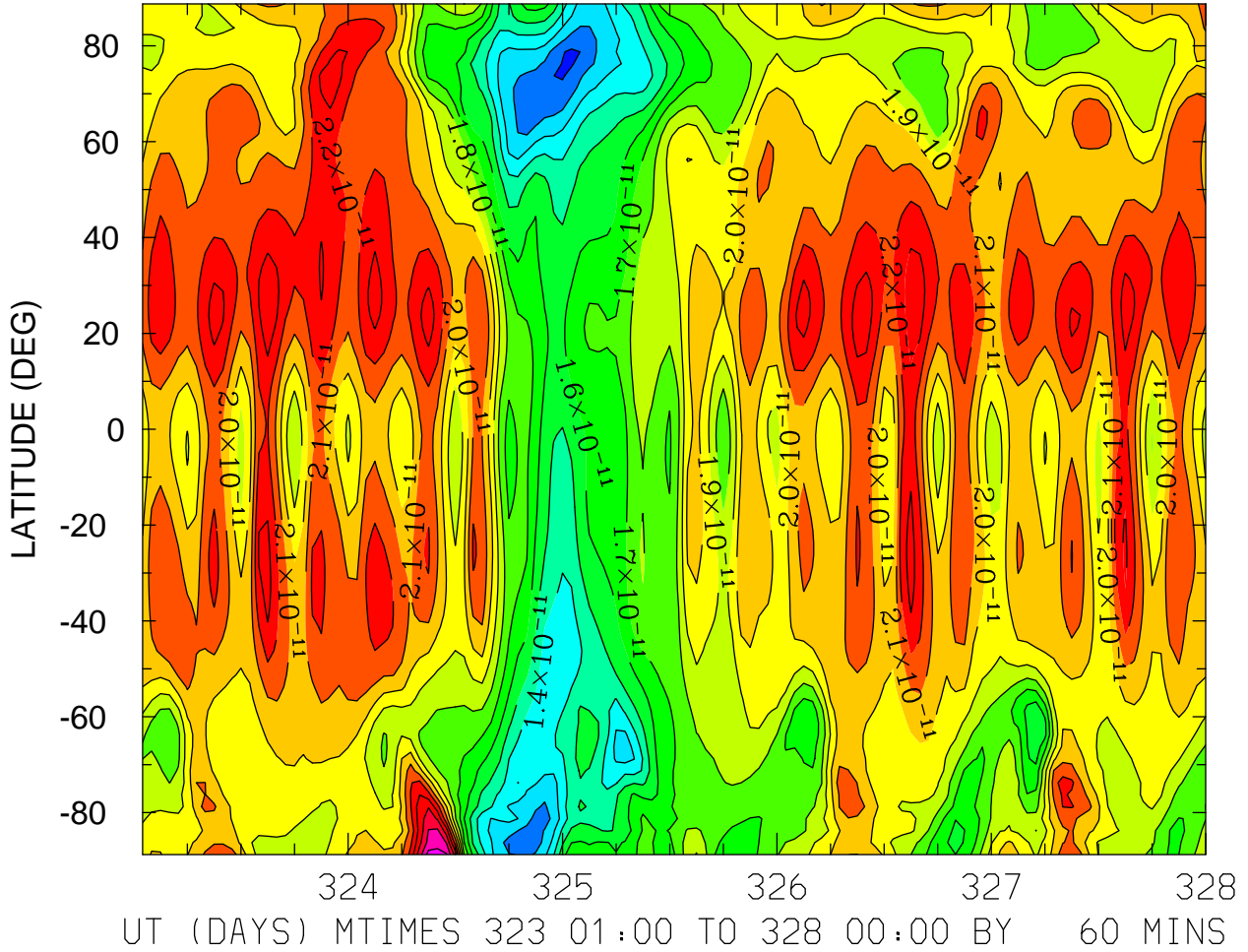


MIN,MAX= -2.0664E+04 2.4612E+04 INTERVAL= 2.5000E+03  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

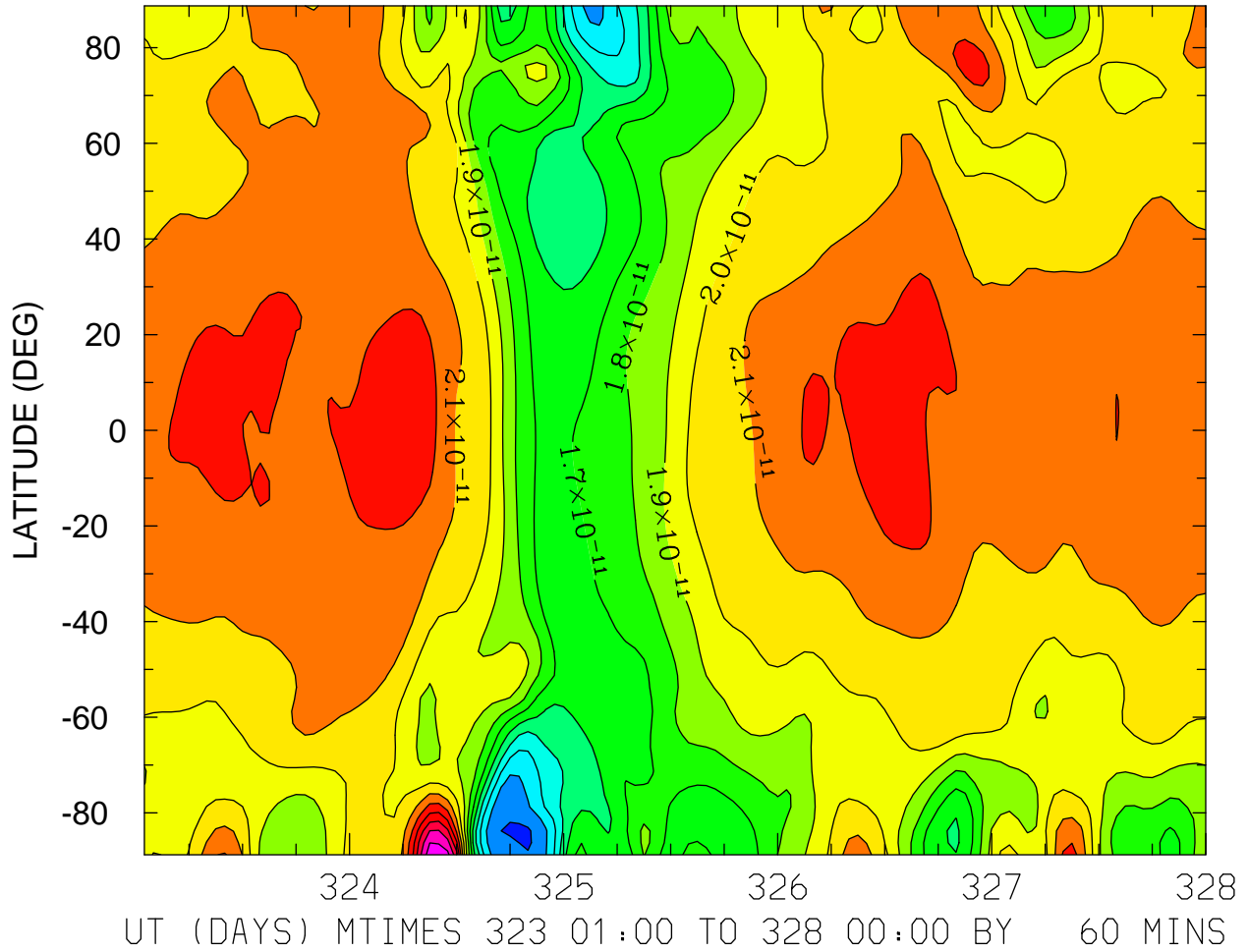
DEN: Total Density (g/cm<sup>3</sup>)  
ZP = -4.000 LOCAL TIME = 0.00



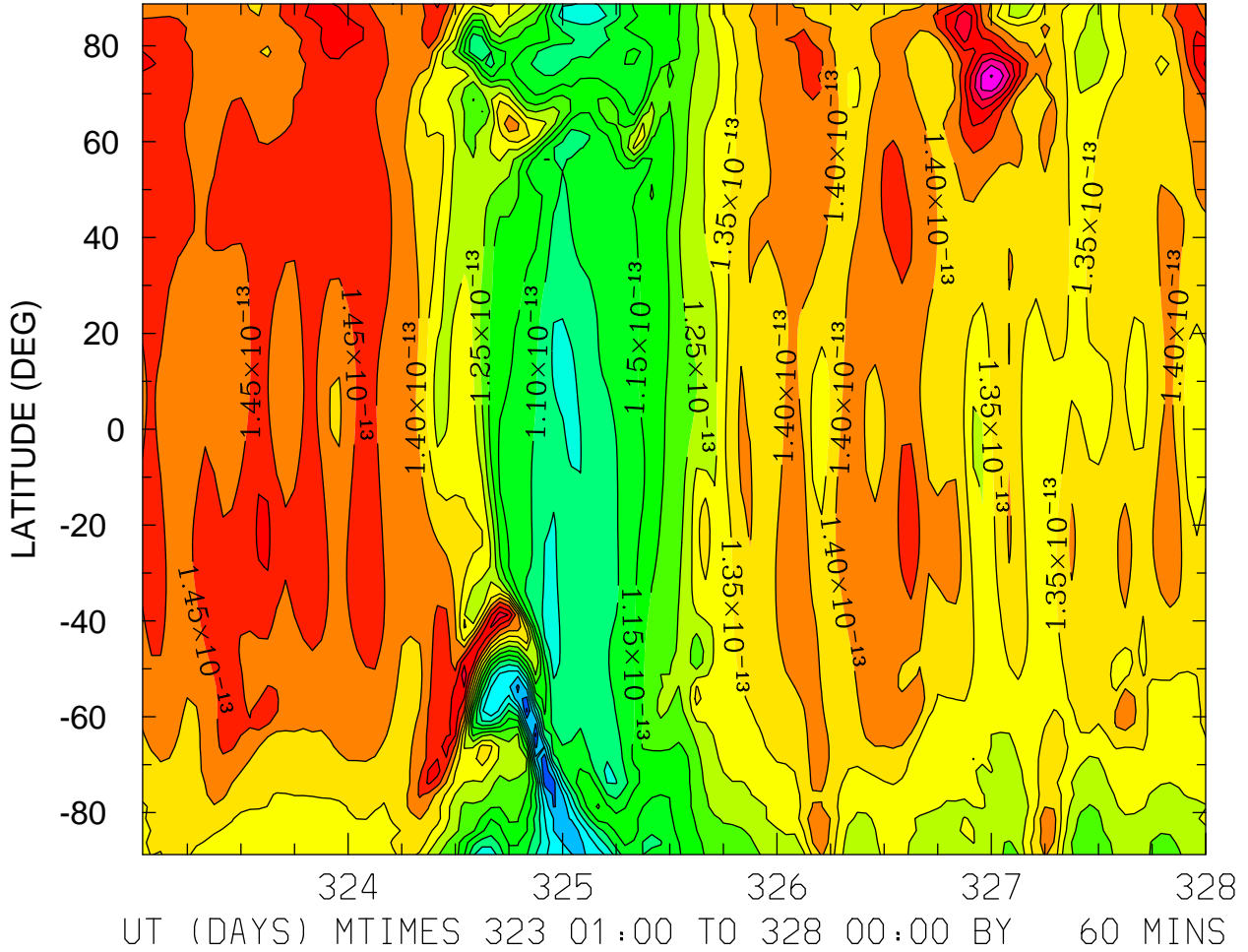
DEN: Total Density (g/cm<sup>3</sup>)  
ZP = -4.000 LOCAL TIME = 12.00



DEN: Total Density (g/cm<sup>3</sup>)  
ZP = -4.000 ZONAL MEANS

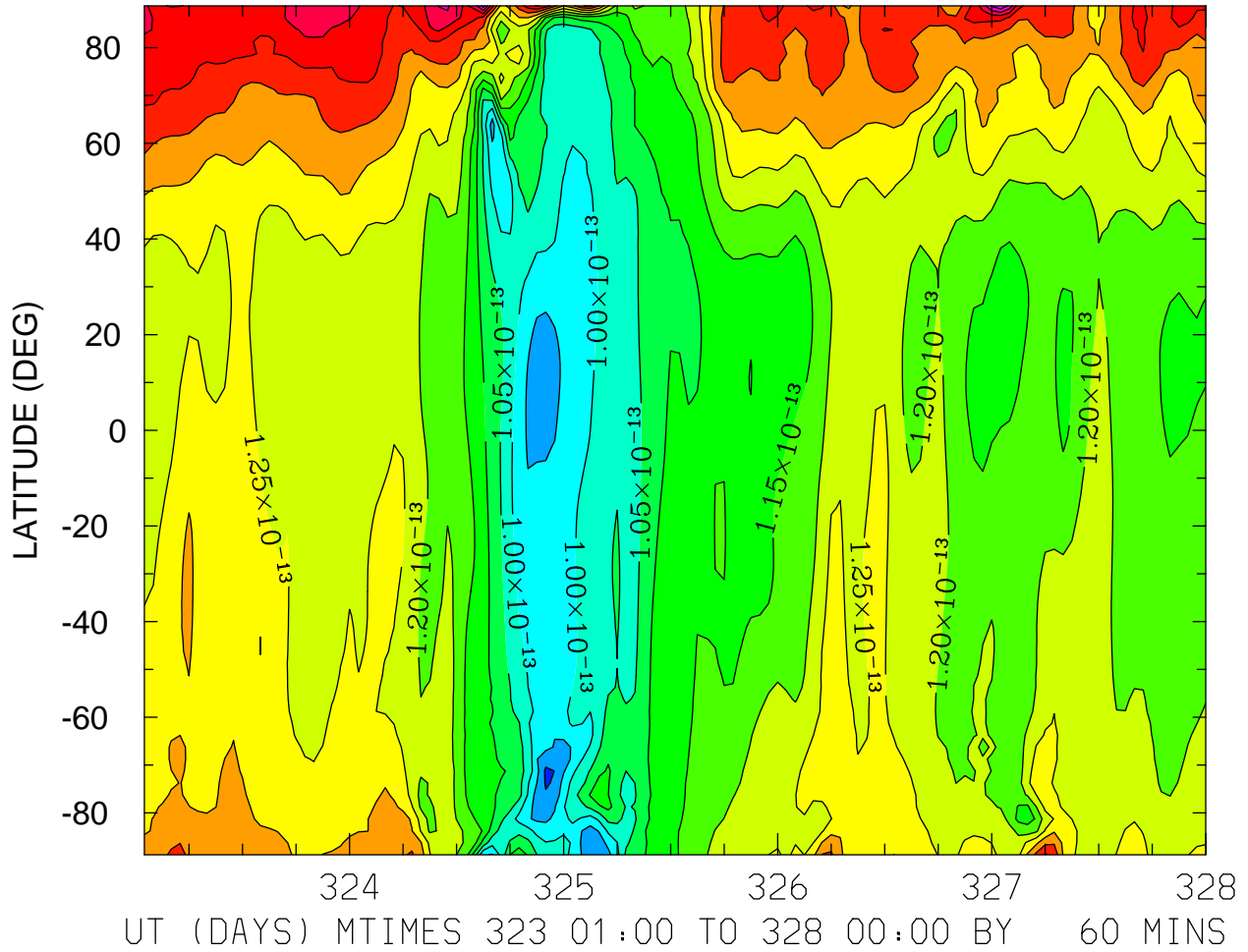


DEN: Total Density (g/cm<sup>3</sup>)  
ZP = 0.000 LOCAL TIME = 0.00



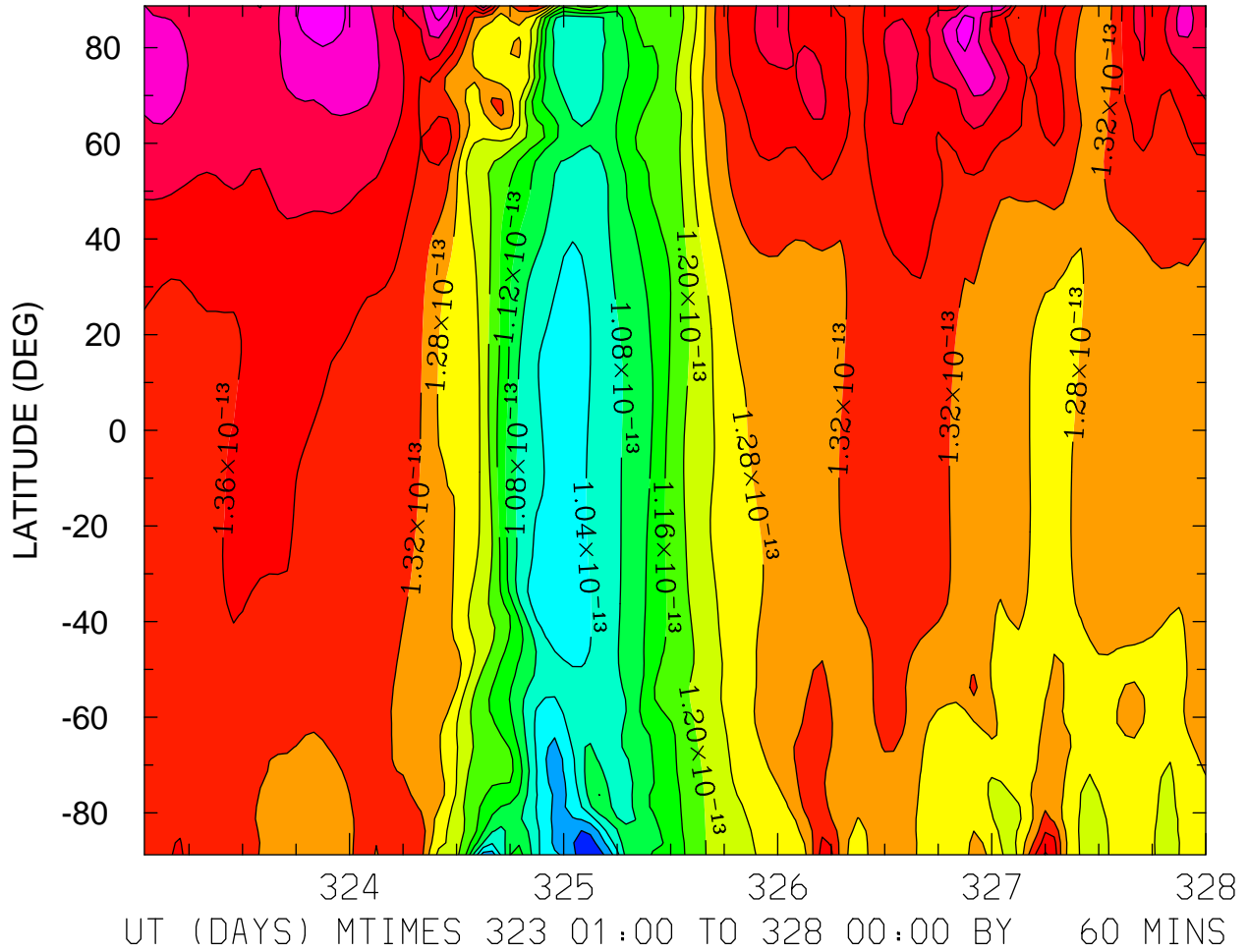


DEN: Total Density (g/cm<sup>3</sup>)  
ZP = 0.000 LOCAL TIME = 12.00



MIN,MAX= 8.9066E-14 1.5998E-13 INTERVAL= 5.0000E-15  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

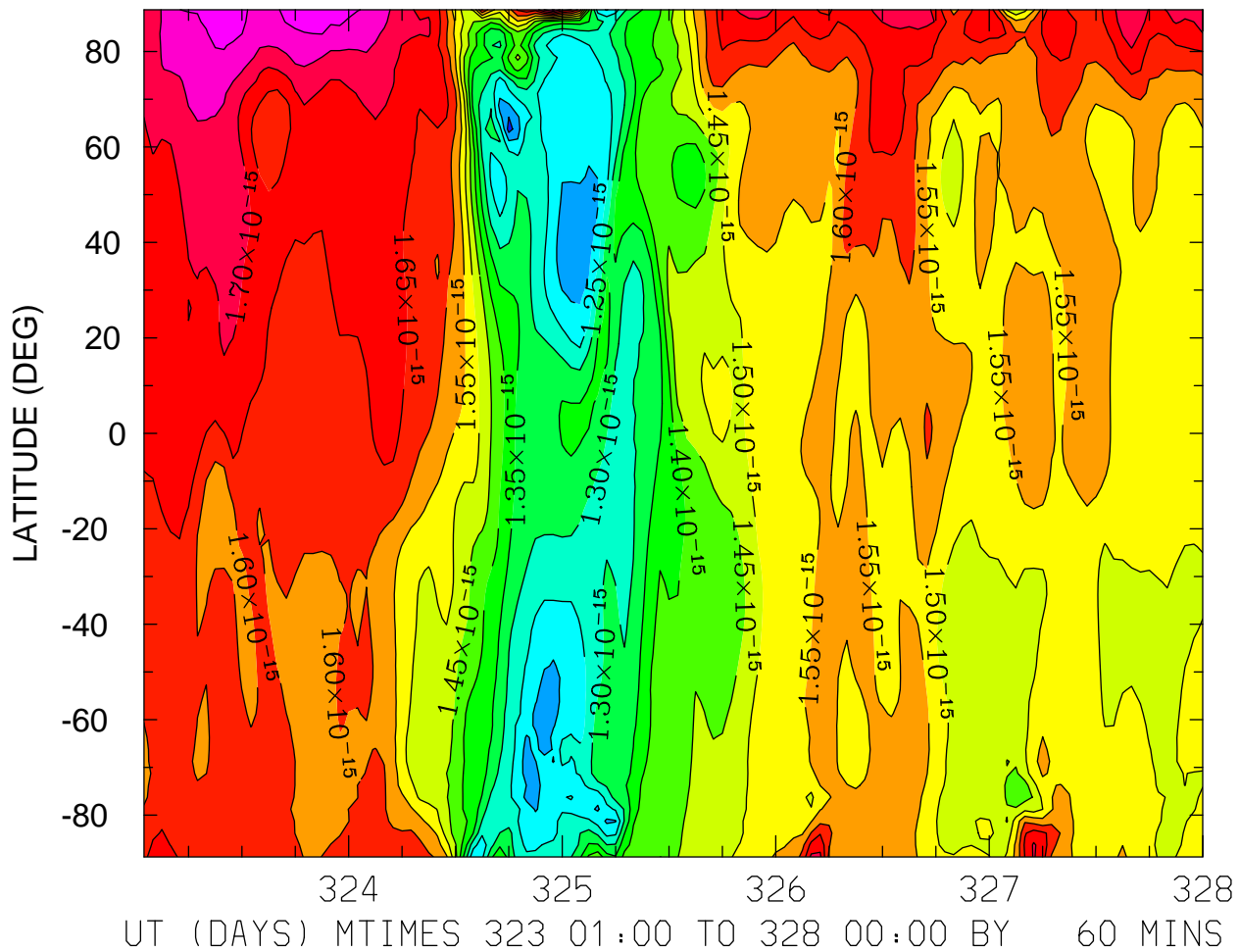
DEN: Total Density (g/cm<sup>3</sup>)  
ZP = 0.000 ZONAL MEANS



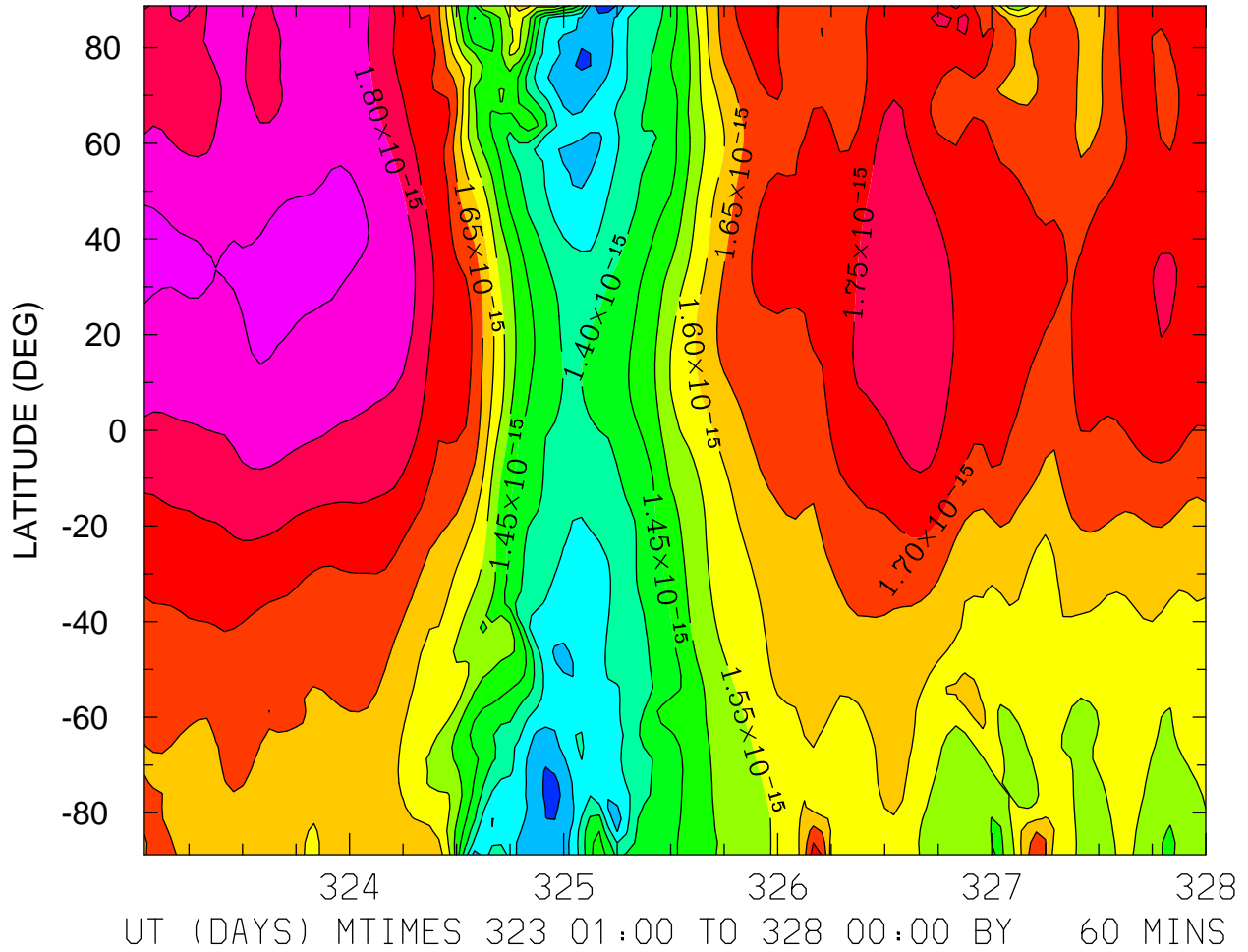
MIN,MAX= 9.4301E-14 1.5146E-13 INTERVAL= 4.0000E-15  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc



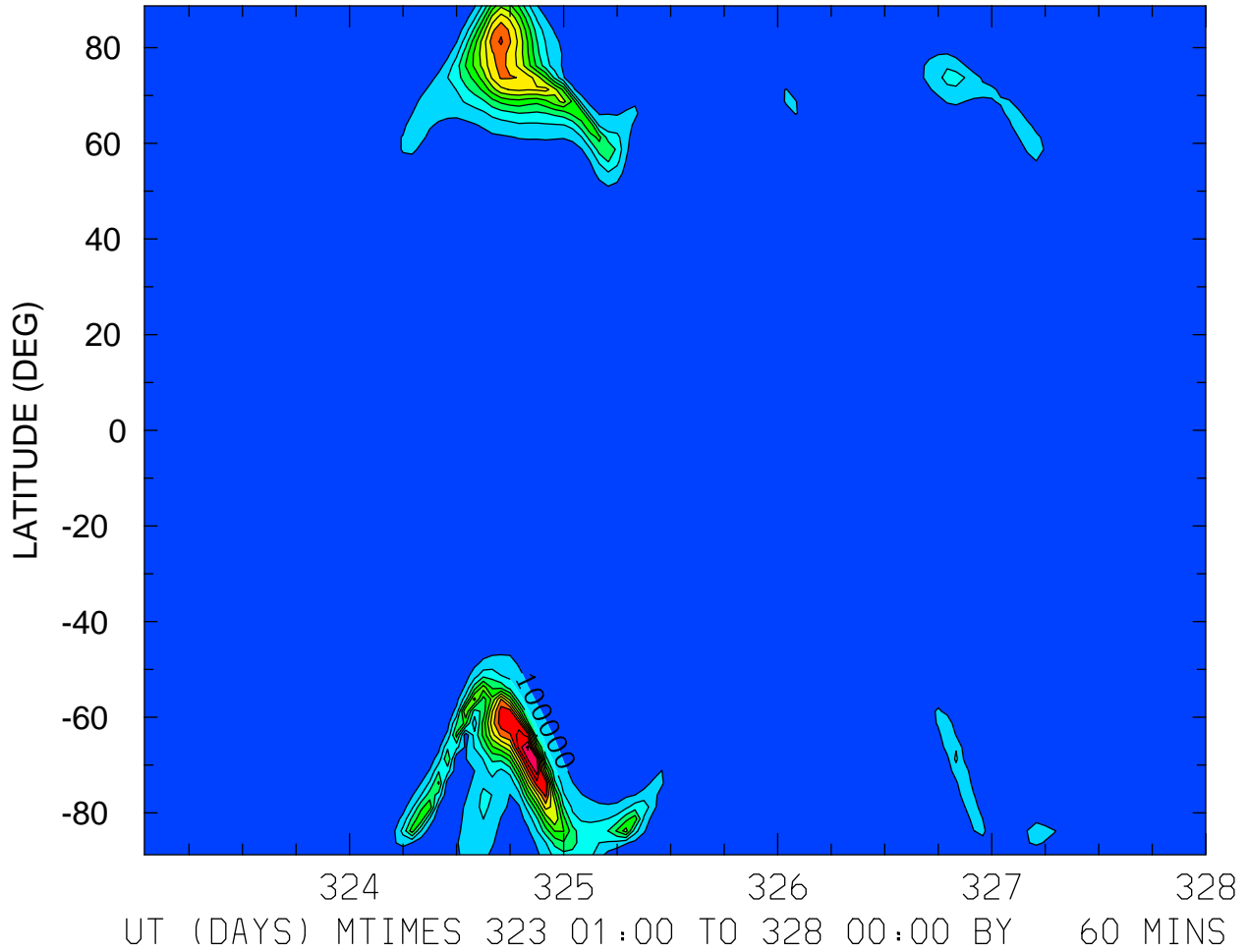
DEN: Total Density (g/cm<sup>3</sup>)  
ZP = 4.000 LOCAL TIME = 12.00



DEN: Total Density (g/cm<sup>3</sup>)  
ZP = 4.000 ZONAL MEANS

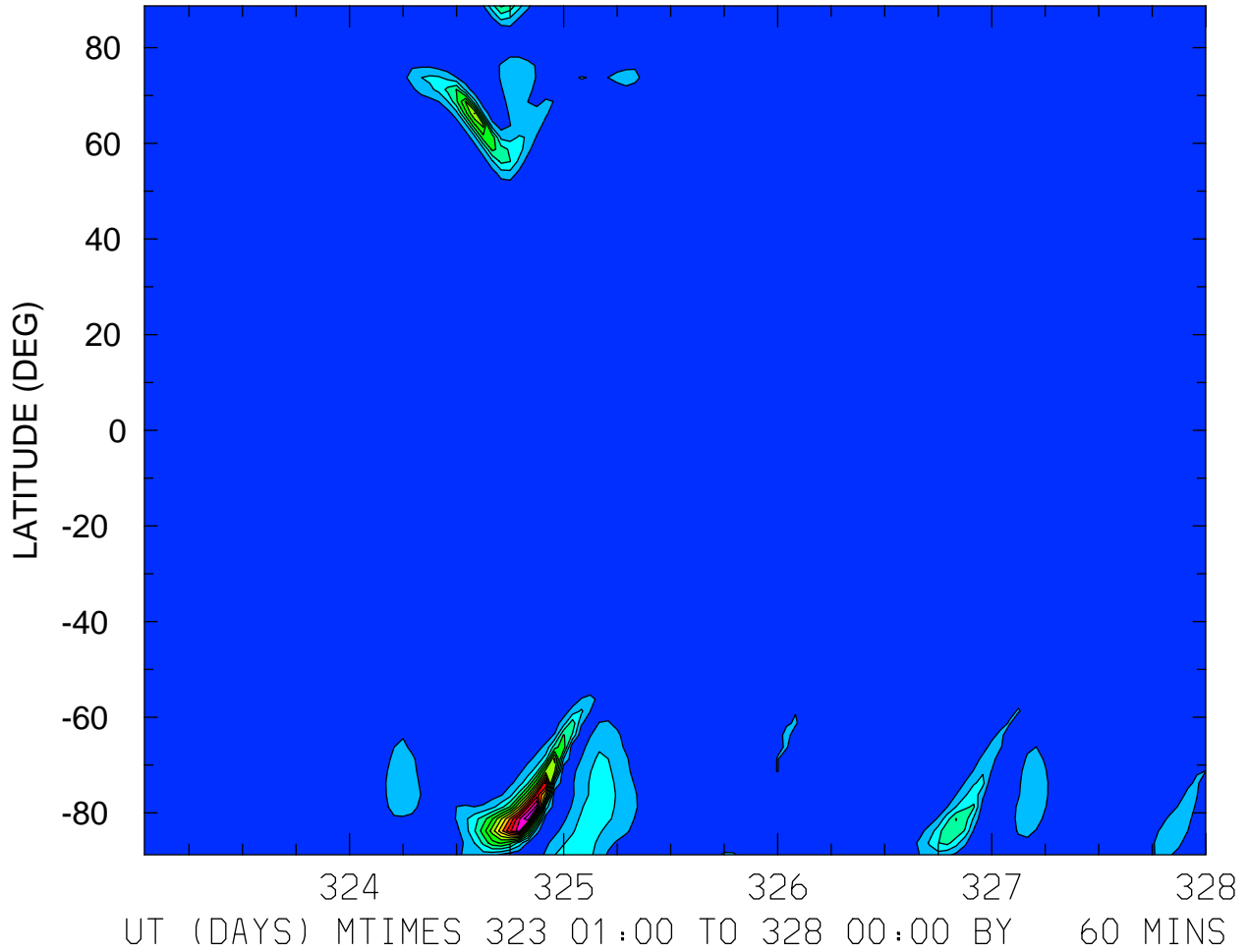


QJOULE: QJOULE: Joule Heating (erg/g/s)  
ZP = -4.125 LOCAL TIME = 0.00



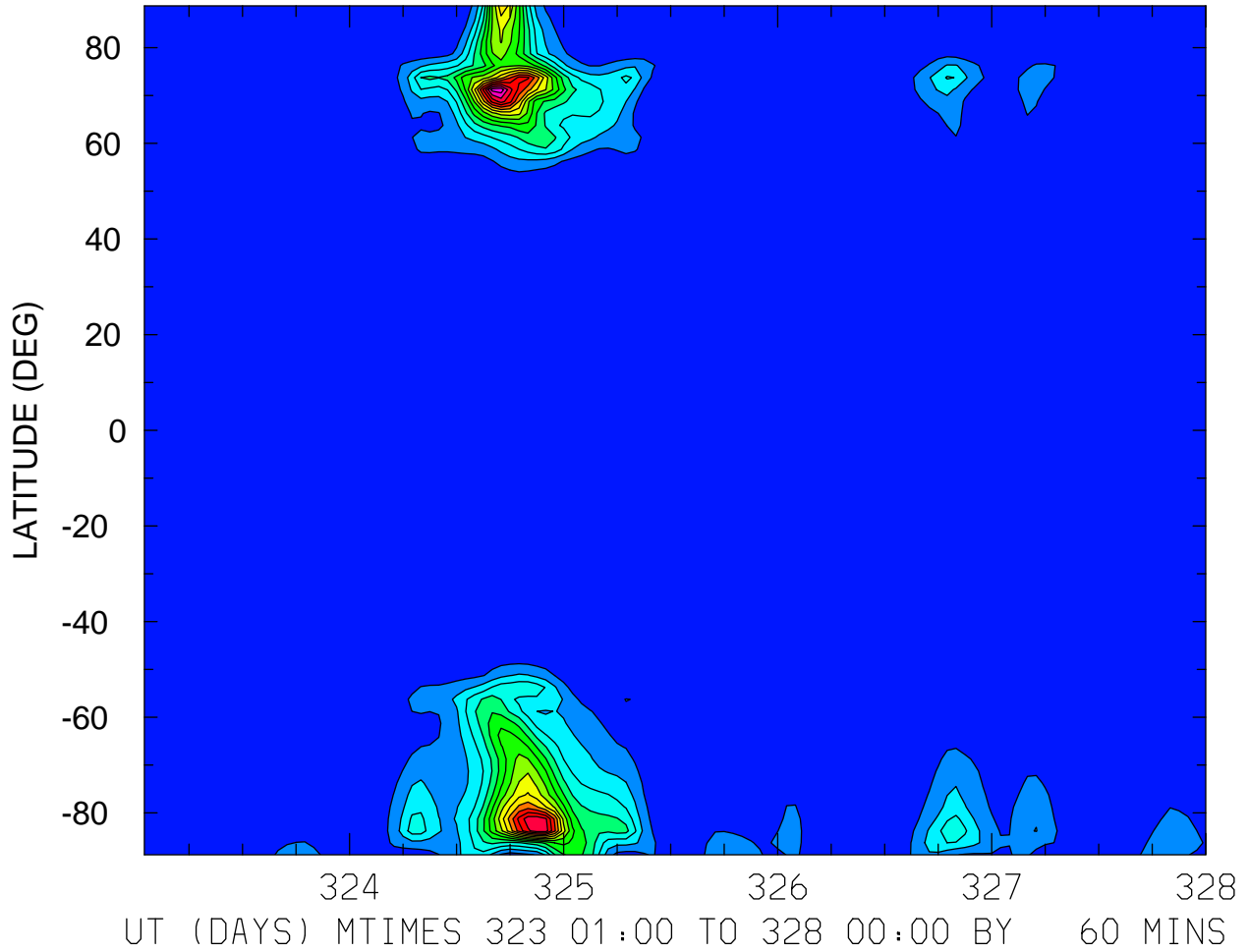
MIN,MAX= 2.6529E-02 1.2282E+06 INTERVAL= 1.0000E+05  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
ZP = -4.125 LOCAL TIME = 12.00



MIN,MAX= 9.9133E-01 1.3917E+06 INTERVAL= 1.0000E+05  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

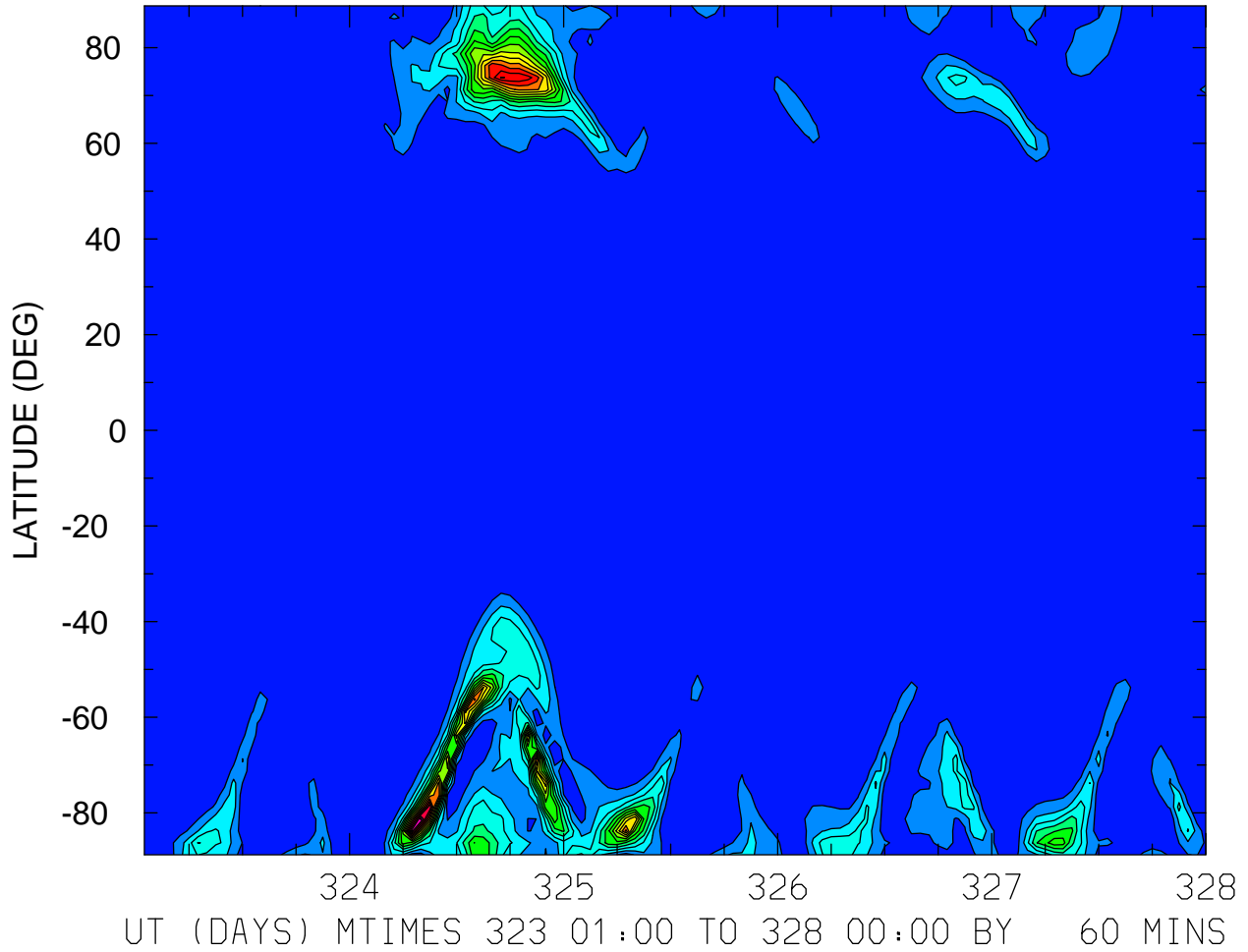
QJOULE: QJOULE: Joule Heating (erg/g/s)  
ZP = -4.125 ZONAL MEANS



MIN,MAX= 1.8987E+01 7.8031E+05 INTERVAL= 5.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

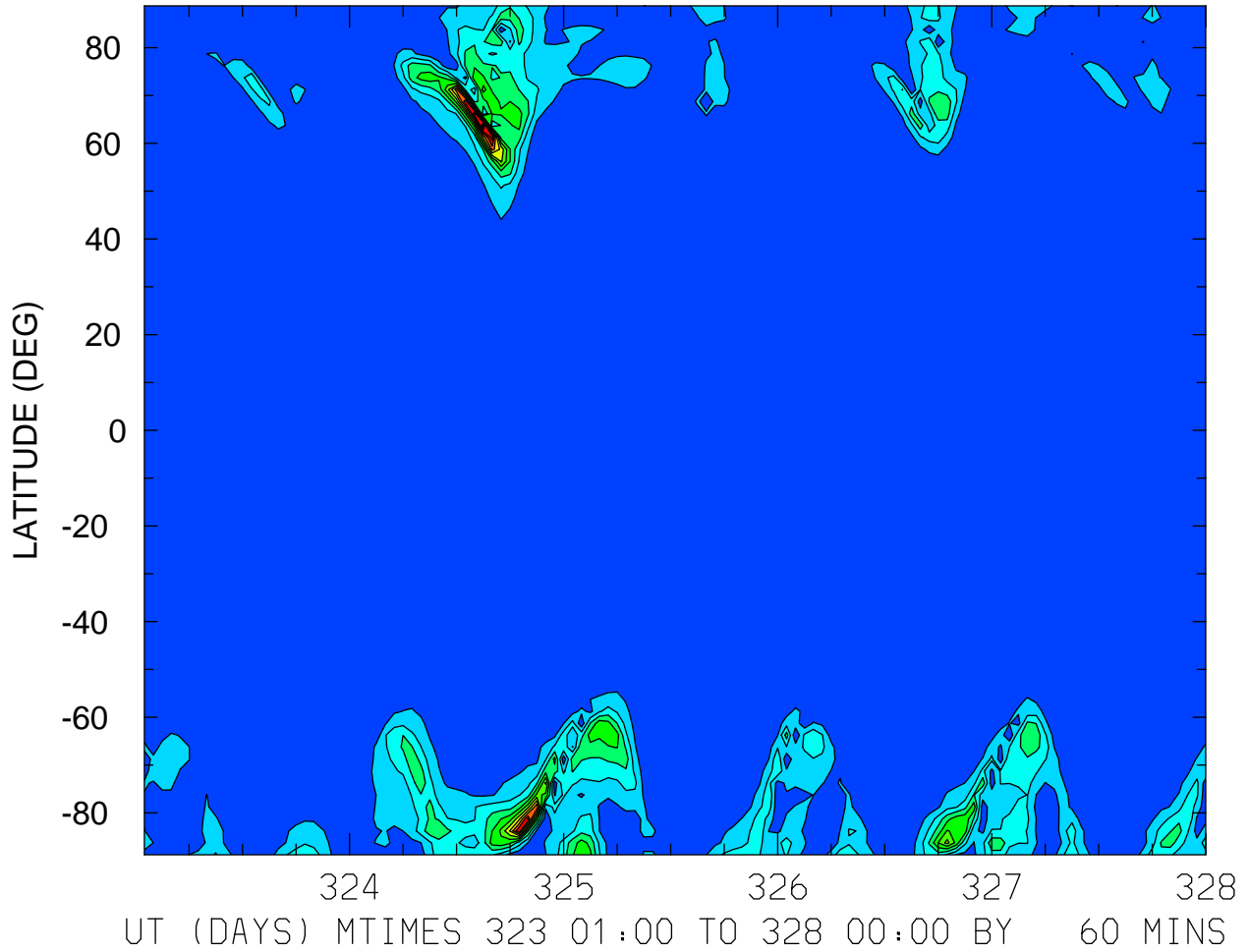


QJOULE: QJOULE: Joule Heating (erg/g/s)  
ZP = -0.125 LOCAL TIME = 0.00



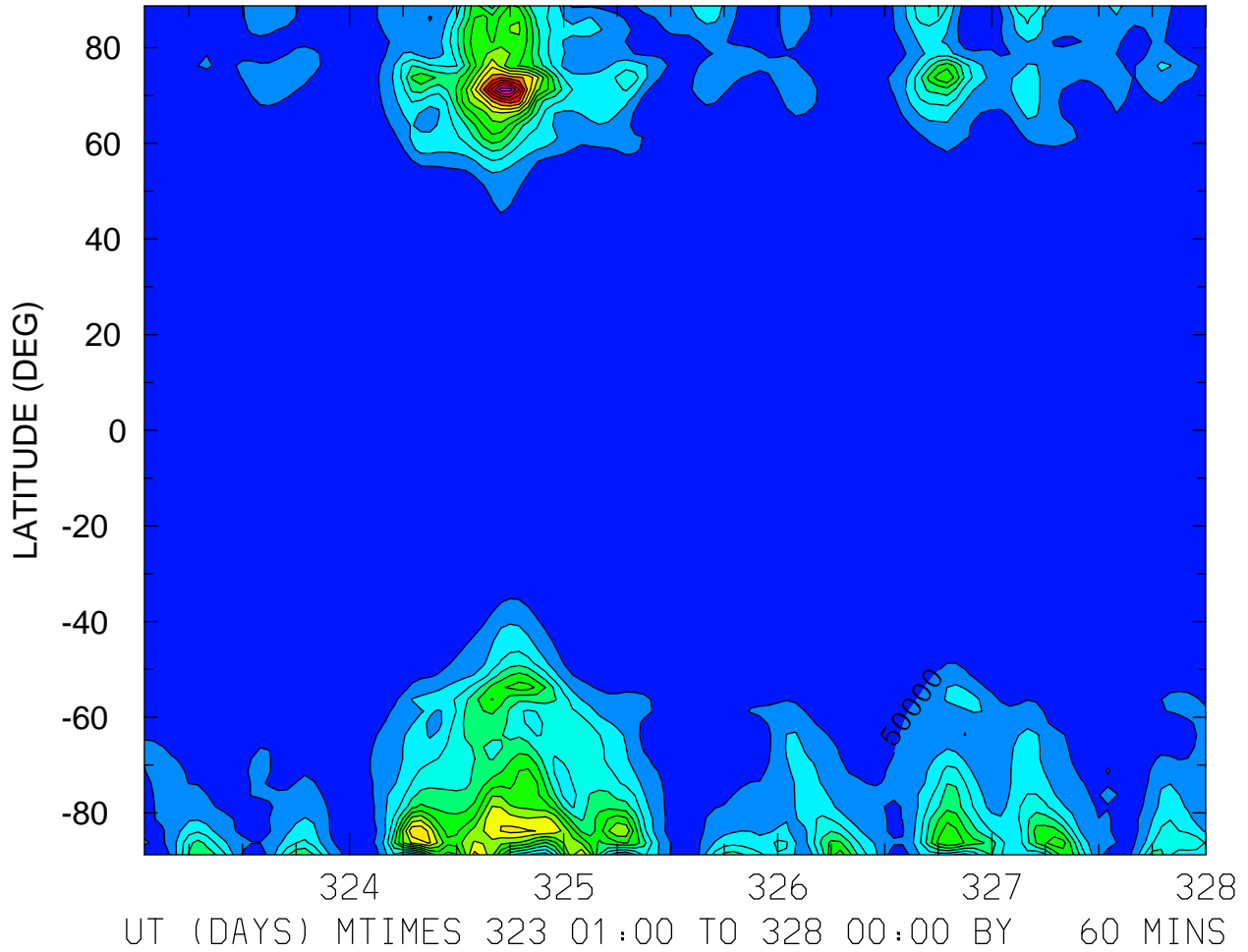
MIN,MAX= 2.2247E-01 1.5463E+06 INTERVAL= 1.0000E+05  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
ZP = -0.125 LOCAL TIME = 12.00



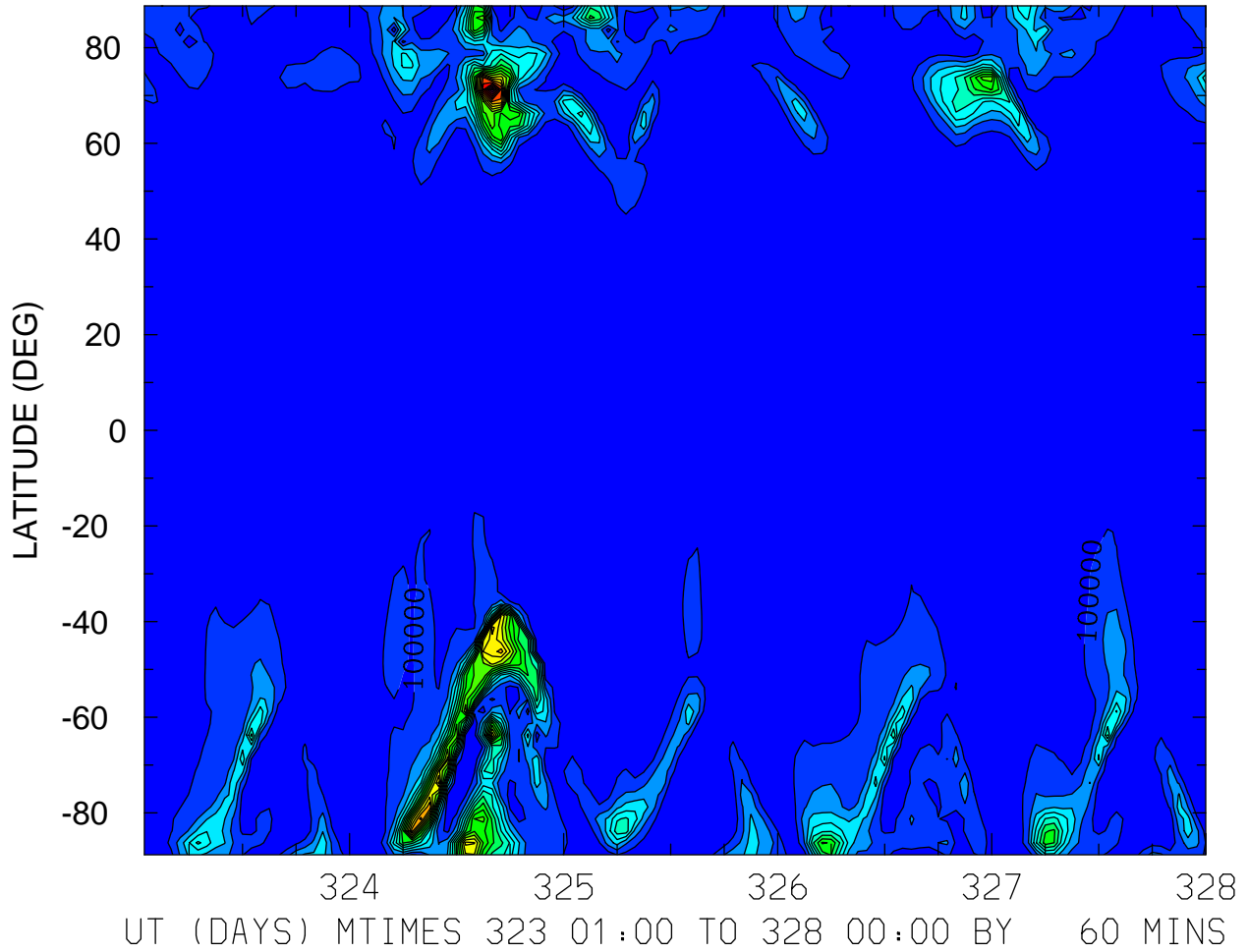
MIN,MAX= 3.0374E+01 1.2907E+06 INTERVAL= 1.0000E+05  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
ZP = -0.125 ZONAL MEANS



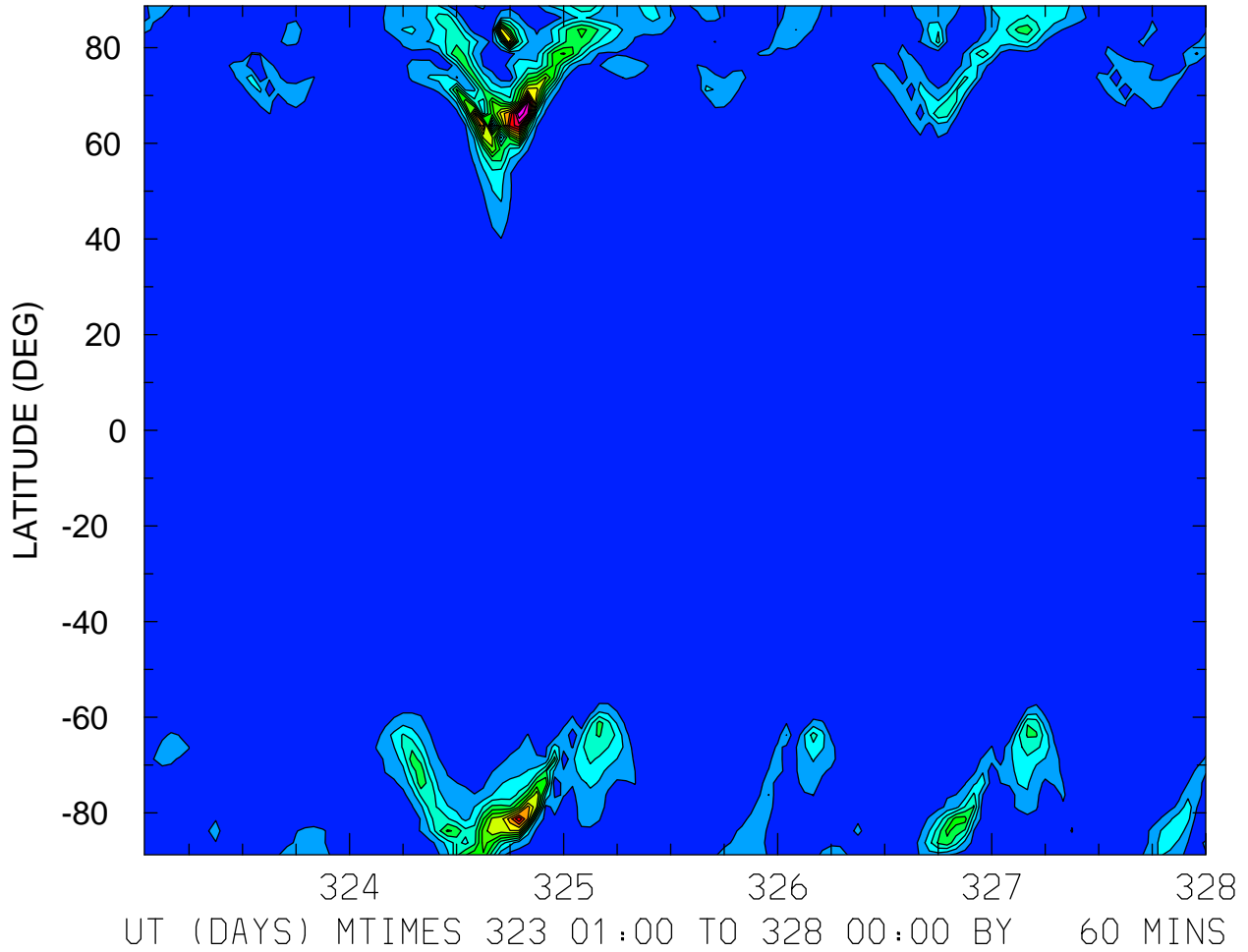
MIN,MAX= 8.9571E+02 7.7713E+05 INTERVAL= 5.0000E+04  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
ZP = 3.875 LOCAL TIME = 0.00



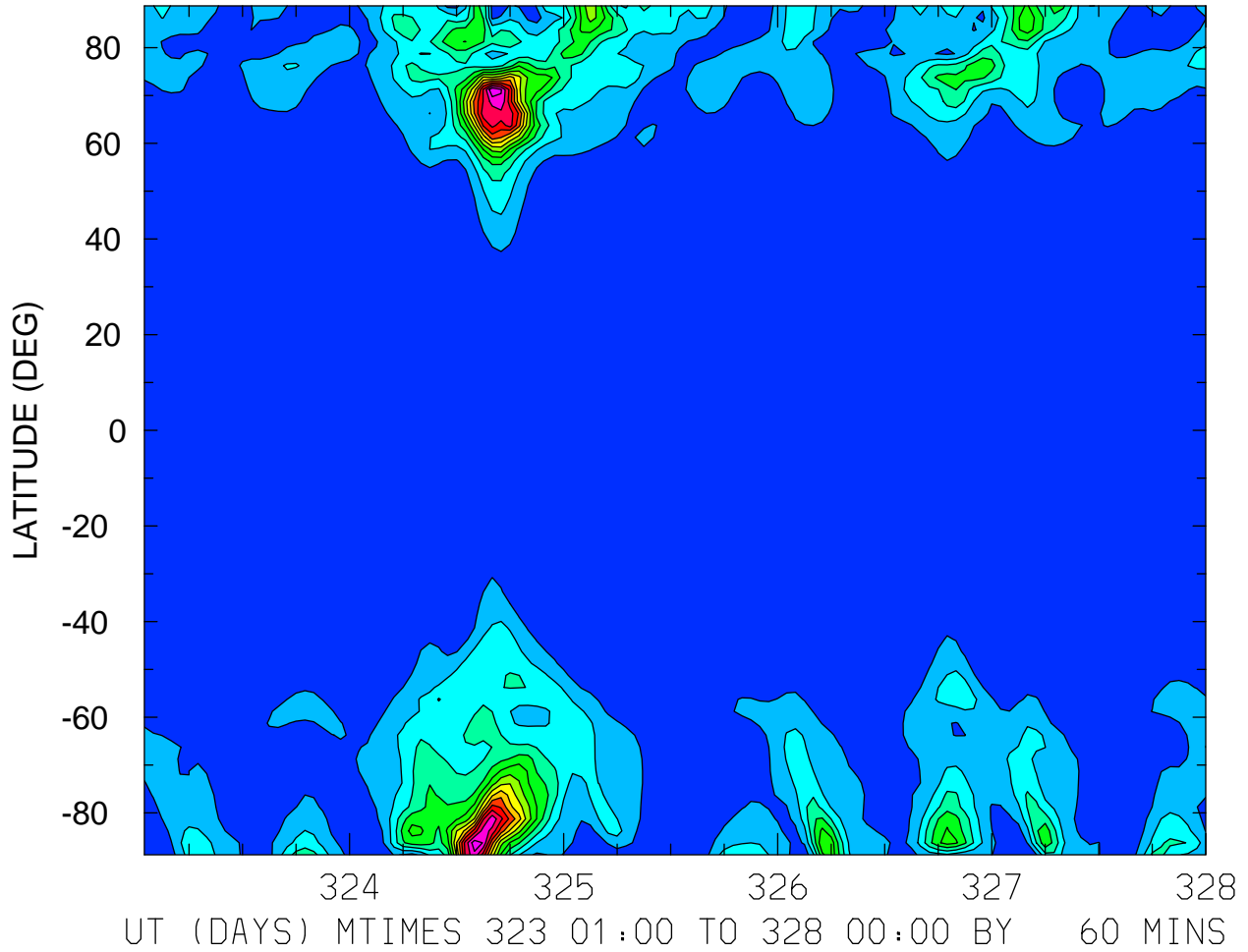
MIN,MAX= 2.8749E+01 2.0631E+06 INTERVAL= 1.0000E+05  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
ZP = 3.875 LOCAL TIME = 12.00



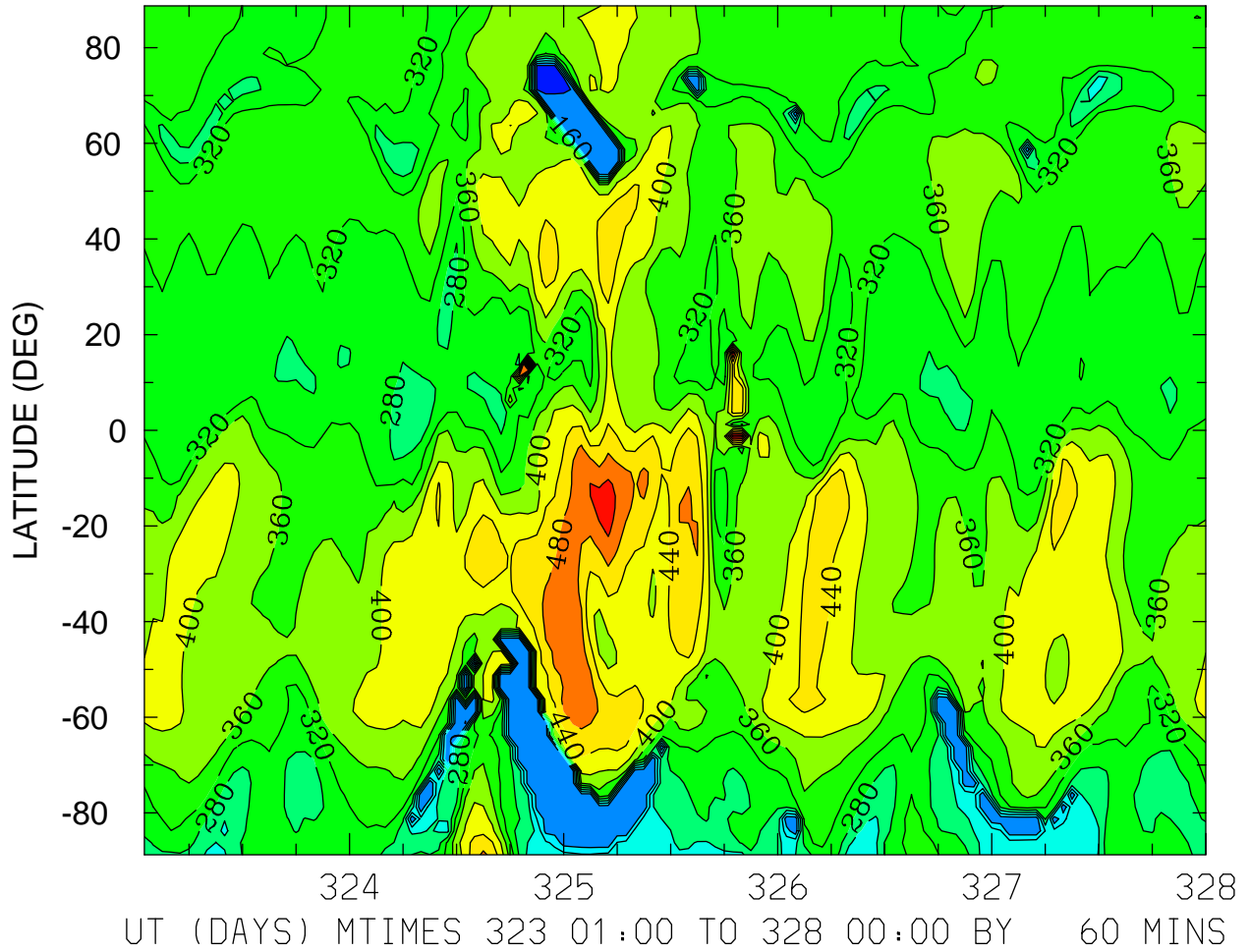
MIN,MAX= 1.9516E+02 2.9833E+06 INTERVAL= 2.0000E+05  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

QJOULE: QJOULE: Joule Heating (erg/g/s)  
ZP = 3.875 ZONAL MEANS



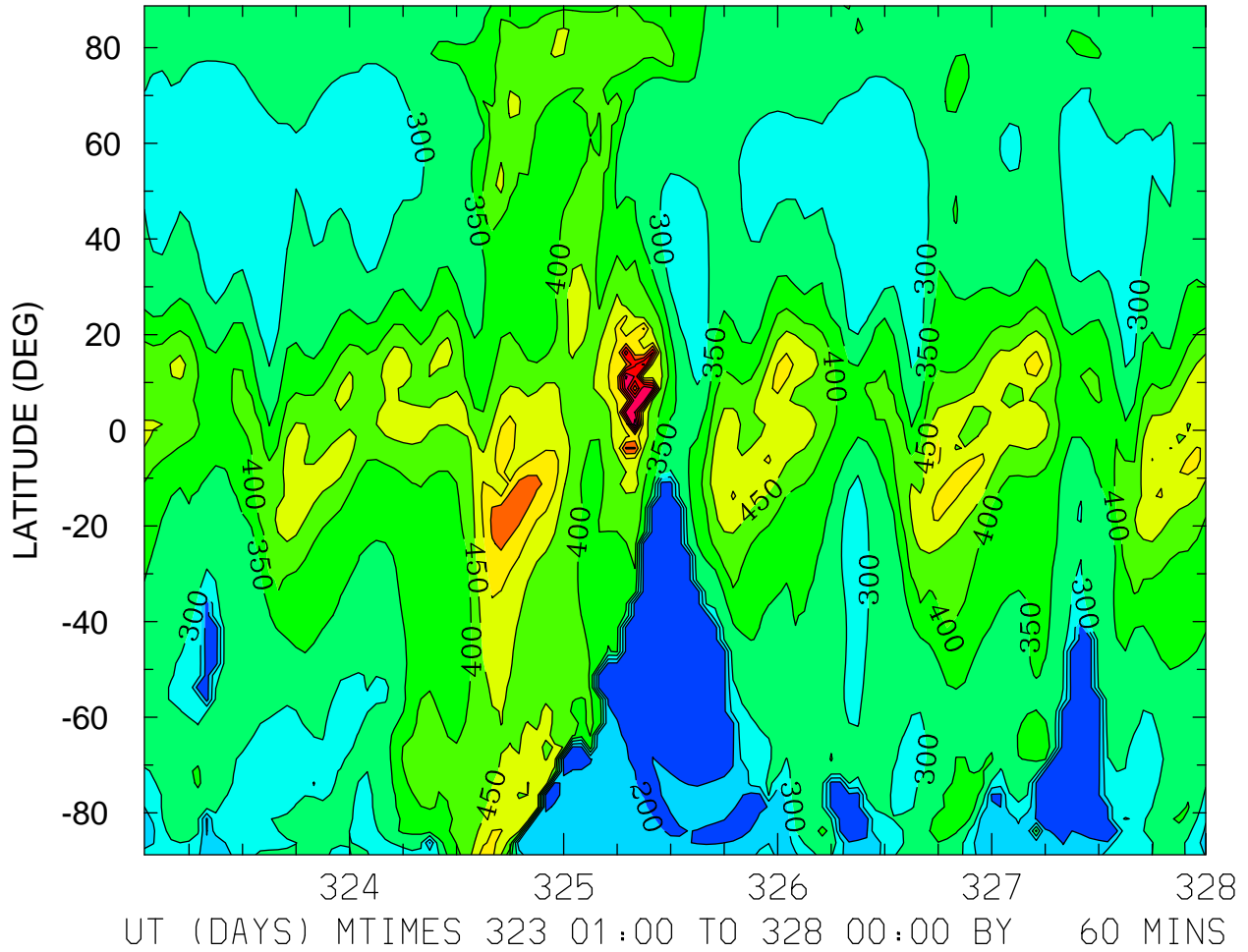
MIN,MAX= 6.3587E+03 1.3929E+06 INTERVAL= 1.0000E+05  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

HMF2 (KM)  
LOCAL TIME = 0.00



MIN,MAX= 1.1693E+02 7.0788E+02 INTERVAL= 4.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

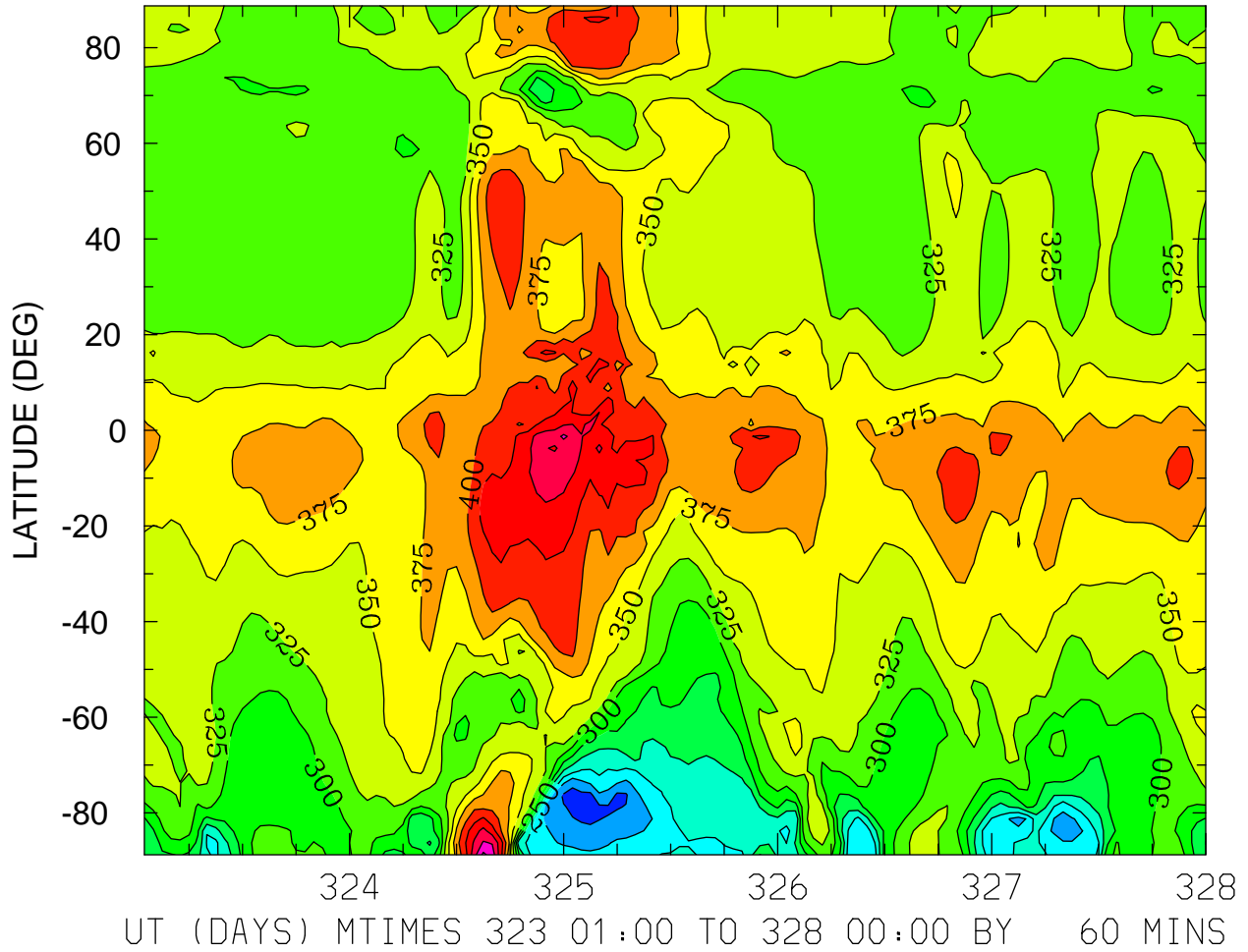
HMF2 (KM)  
LOCAL TIME = 12.00



MIN,MAX= 1.7303E+02 7.8928E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

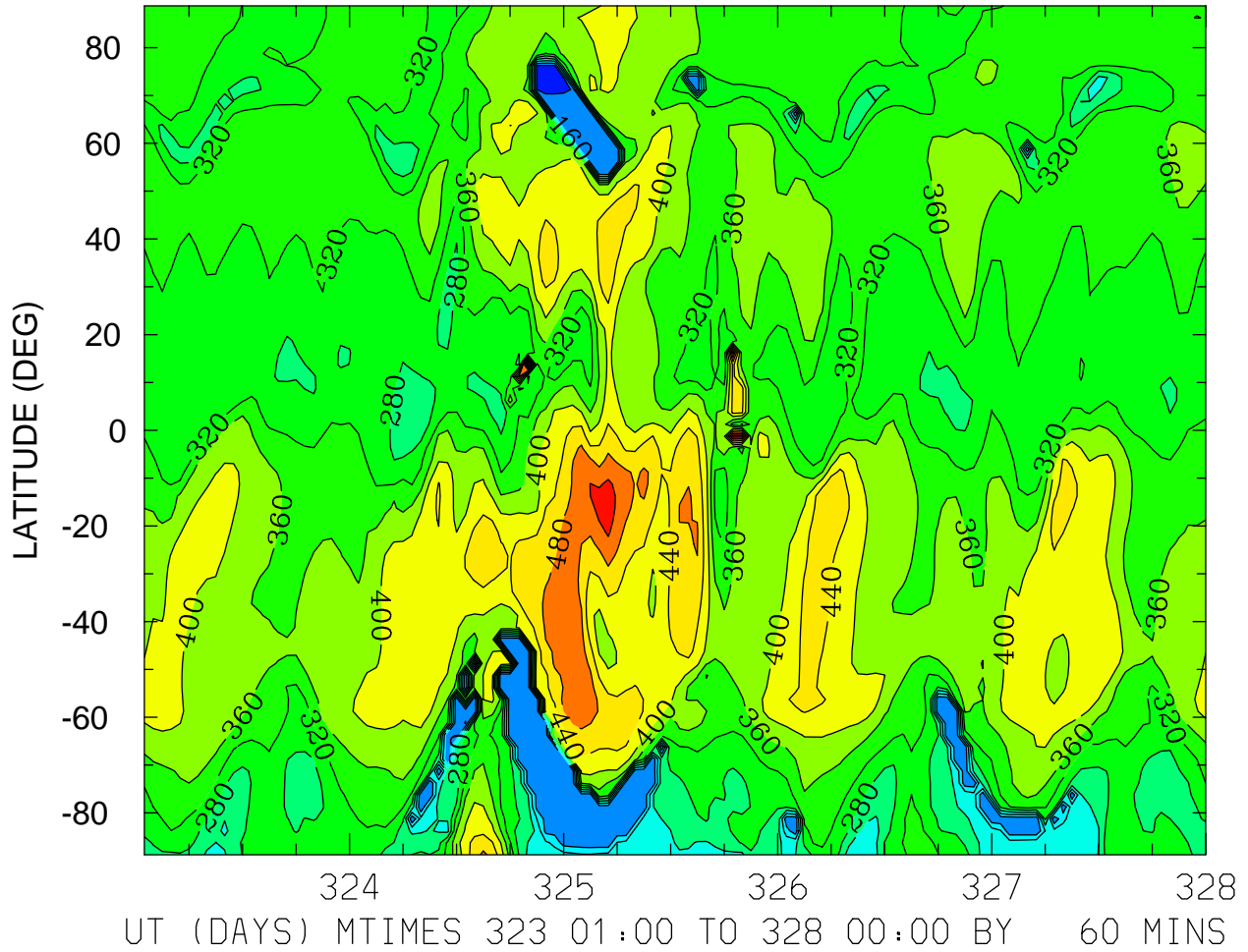


HMF2 (KM)  
ZONAL MEANS



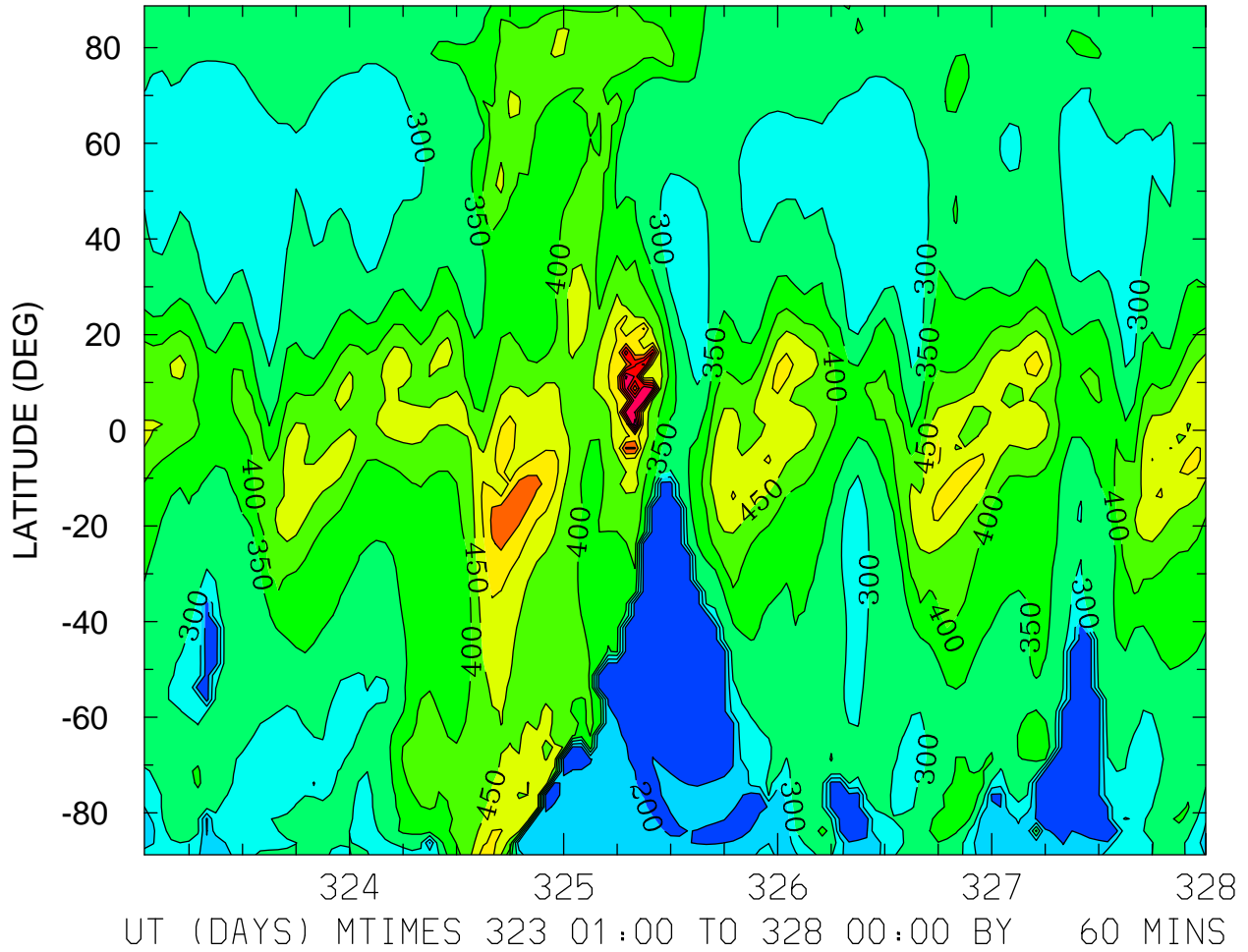
MIN,MAX= 1.6802E+02 5.0570E+02 INTERVAL= 2.5000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

HMF2 (KM)  
LOCAL TIME = 0.00



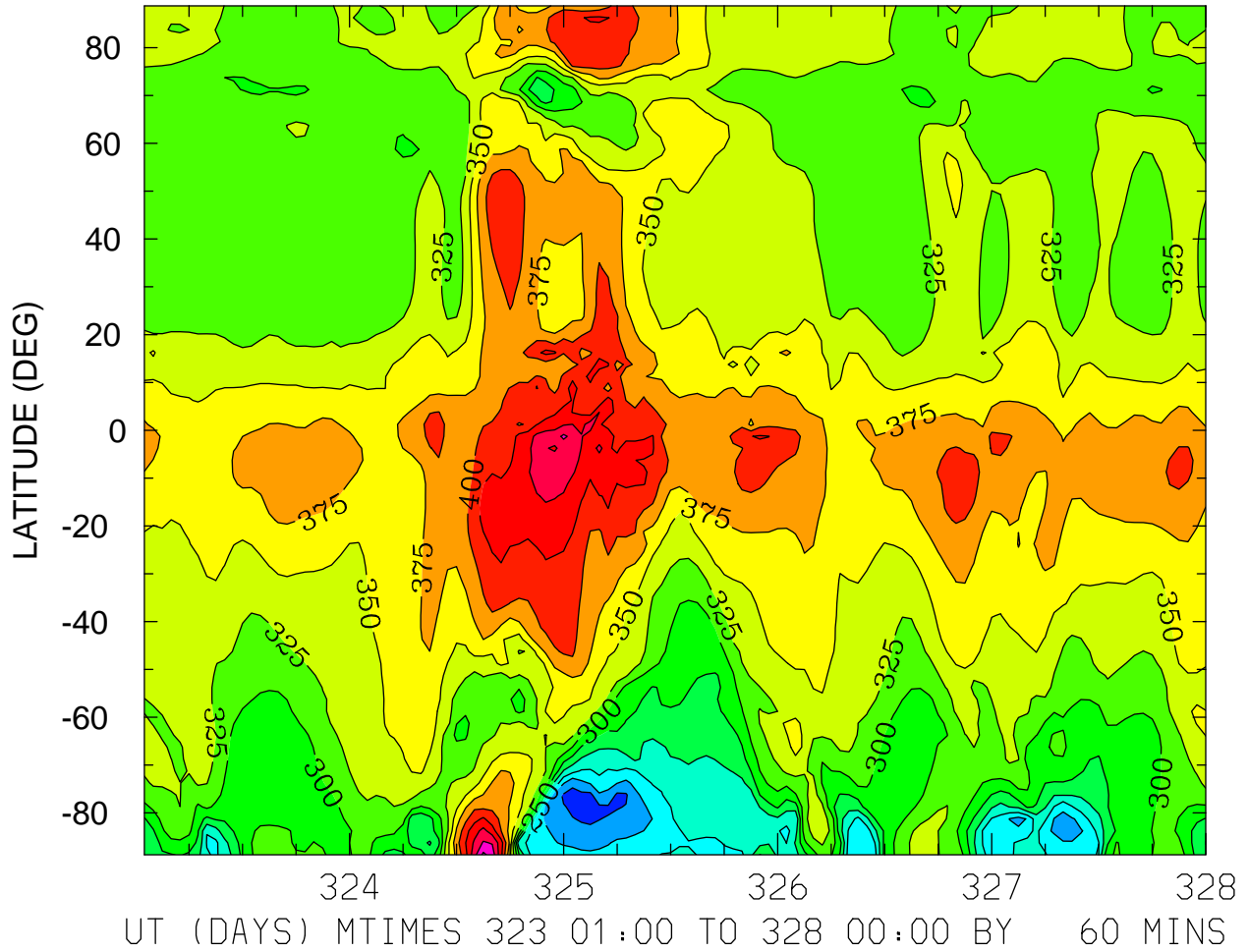
MIN,MAX= 1.1693E+02 7.0788E+02 INTERVAL= 4.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

HMF2 (KM)  
LOCAL TIME = 12.00



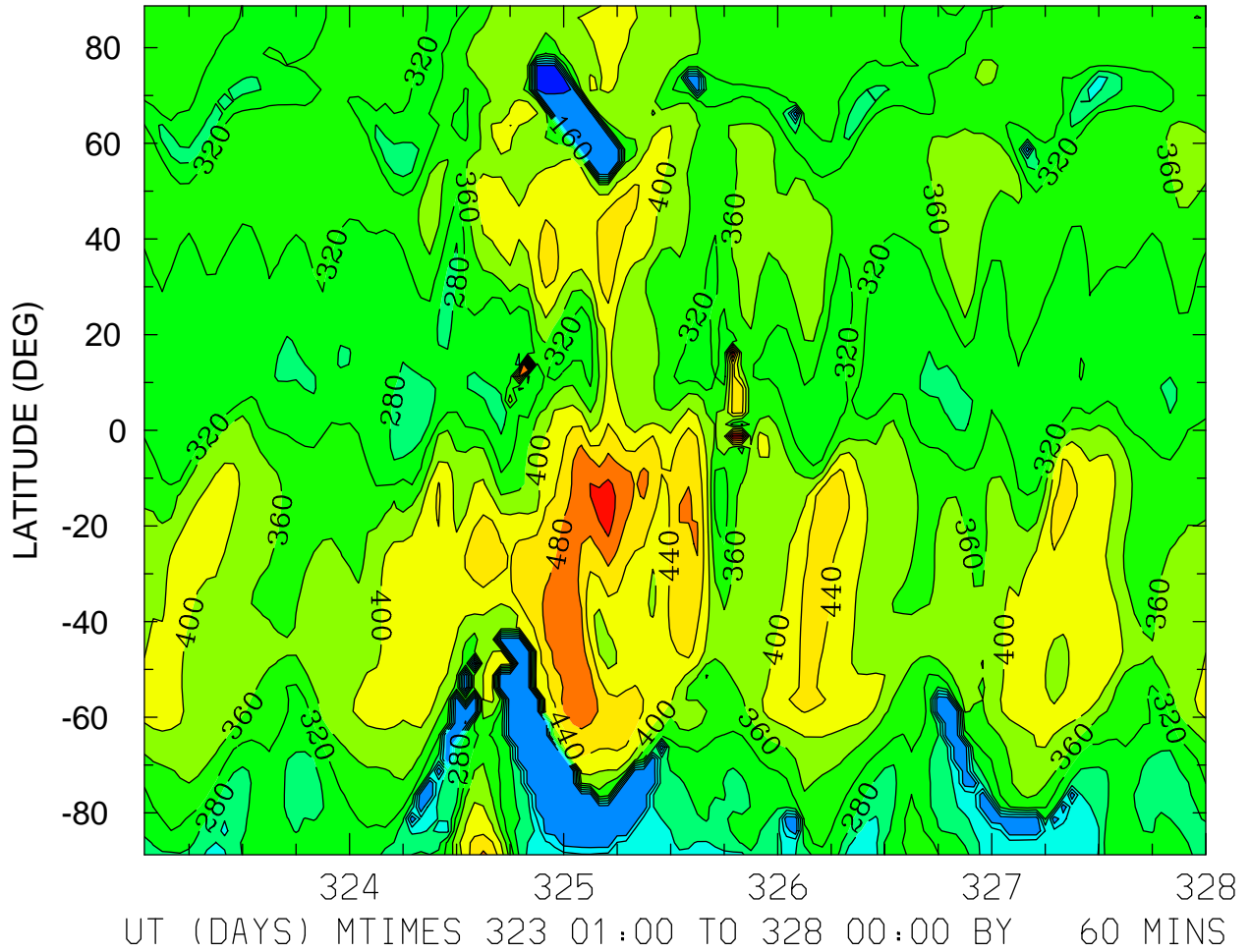
MIN,MAX= 1.7303E+02 7.8928E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

HMF2 (KM)  
ZONAL MEANS



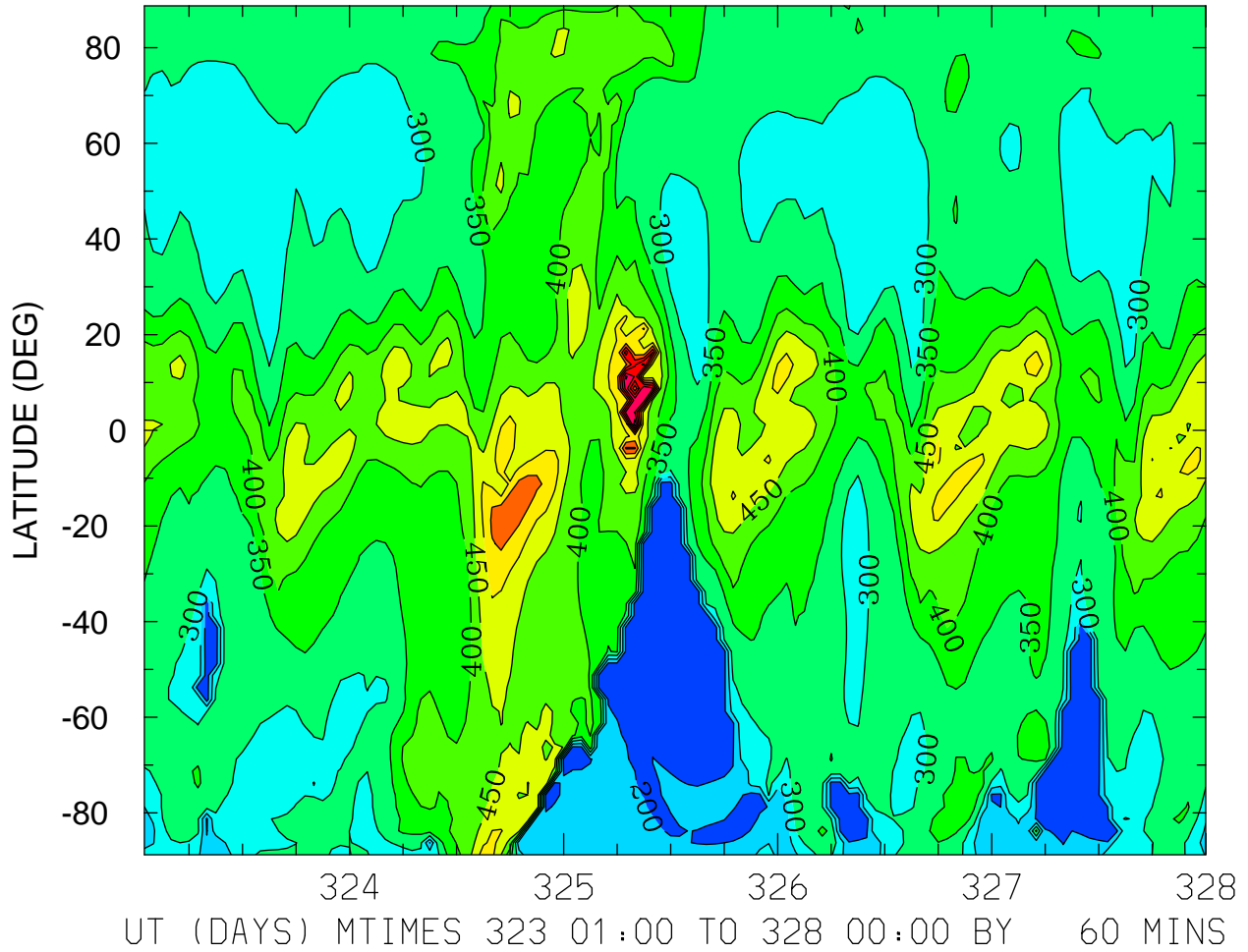
MIN,MAX= 1.6802E+02 5.0570E+02 INTERVAL= 2.5000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

HMF2 (KM)  
LOCAL TIME = 0.00



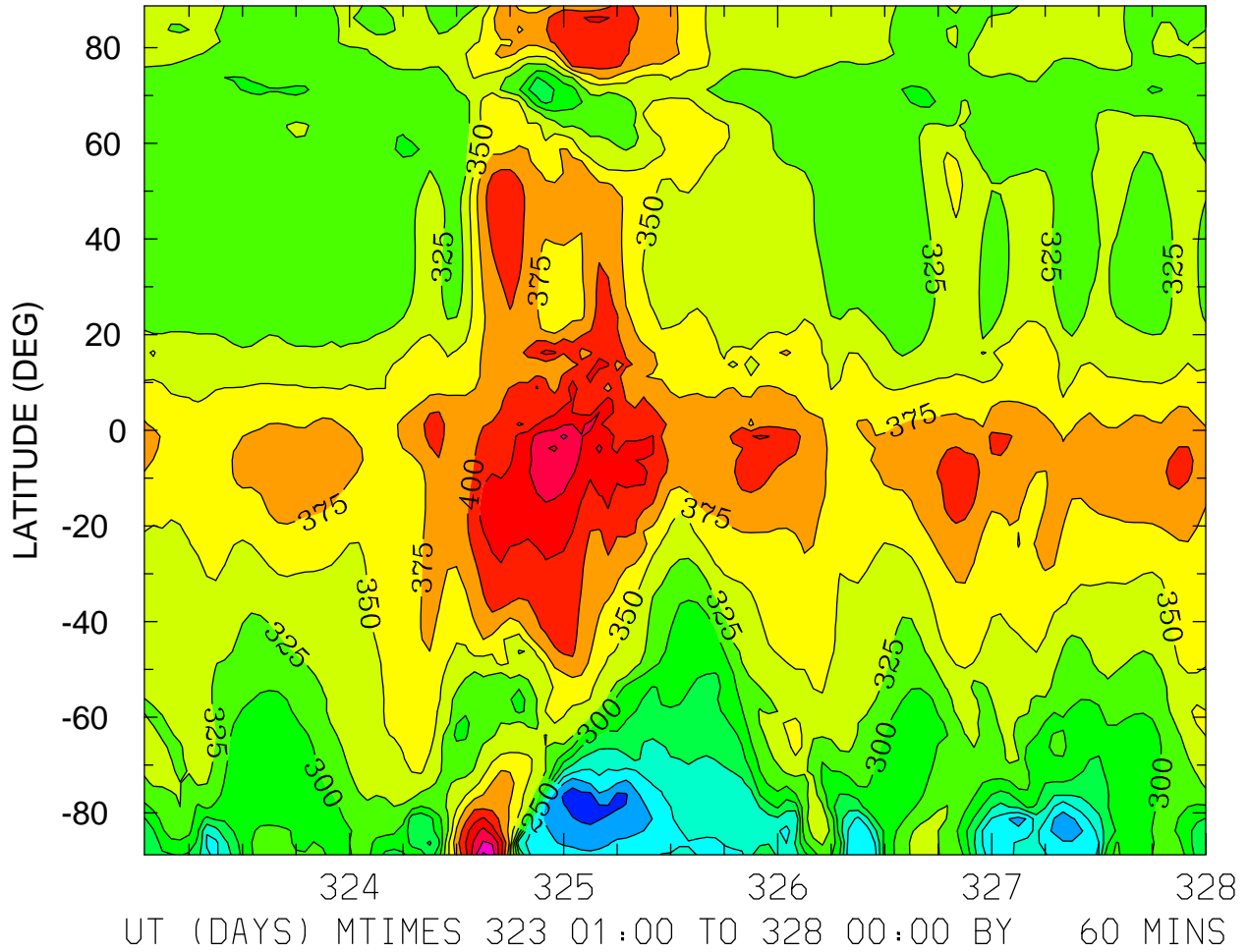
MIN,MAX= 1.1693E+02 7.0788E+02 INTERVAL= 4.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

HMF2 (KM)  
LOCAL TIME = 12.00



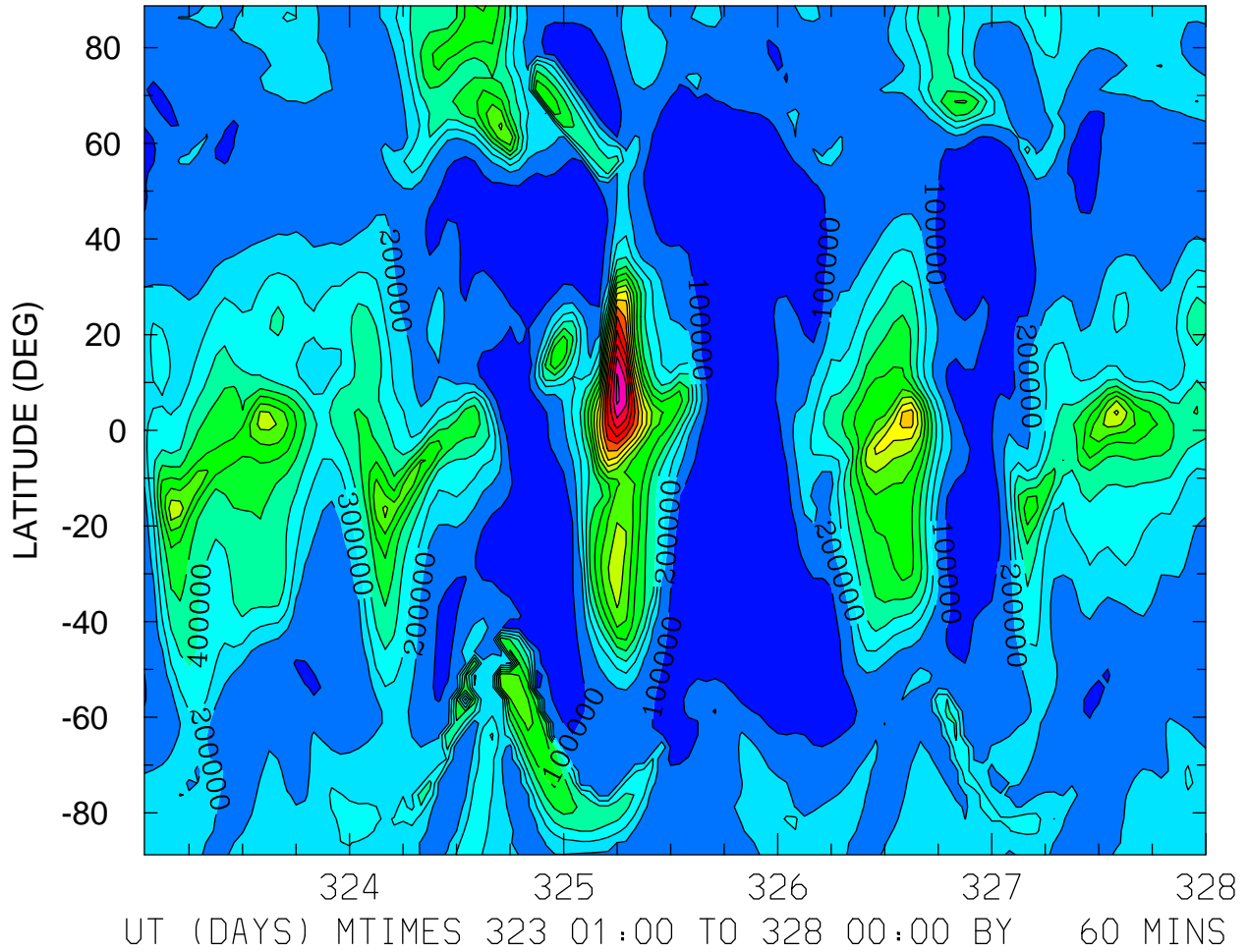
MIN,MAX= 1.7303E+02 7.8928E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

HMF2 (KM)  
ZONAL MEANS



MIN,MAX= 1.6802E+02 5.0570E+02 INTERVAL= 2.5000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

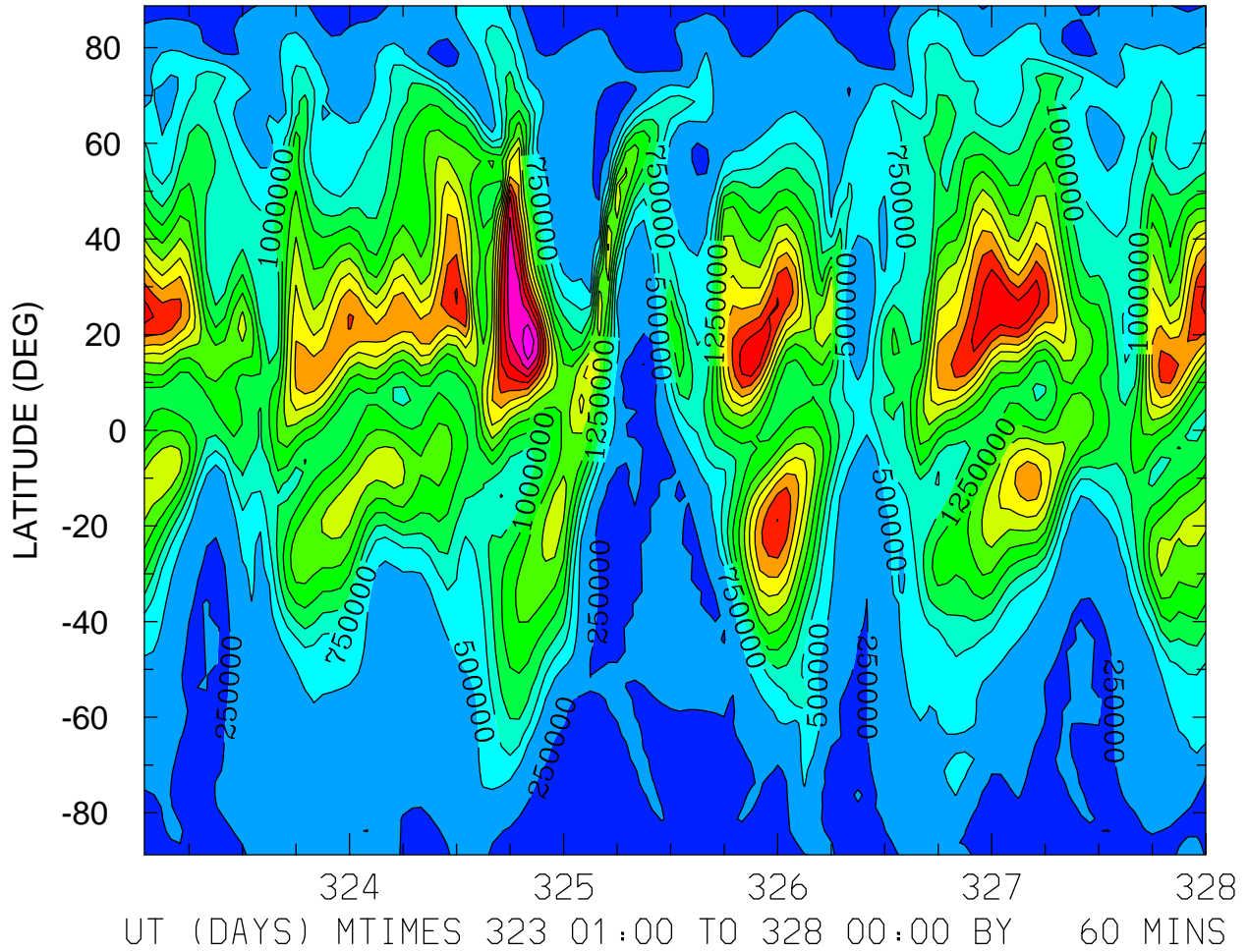
NMF2 ( )  
LOCAL TIME = 0.00



MIN,MAX= 2.8011E+03 1.6242E+06 INTERVAL= 1.0000E+05  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

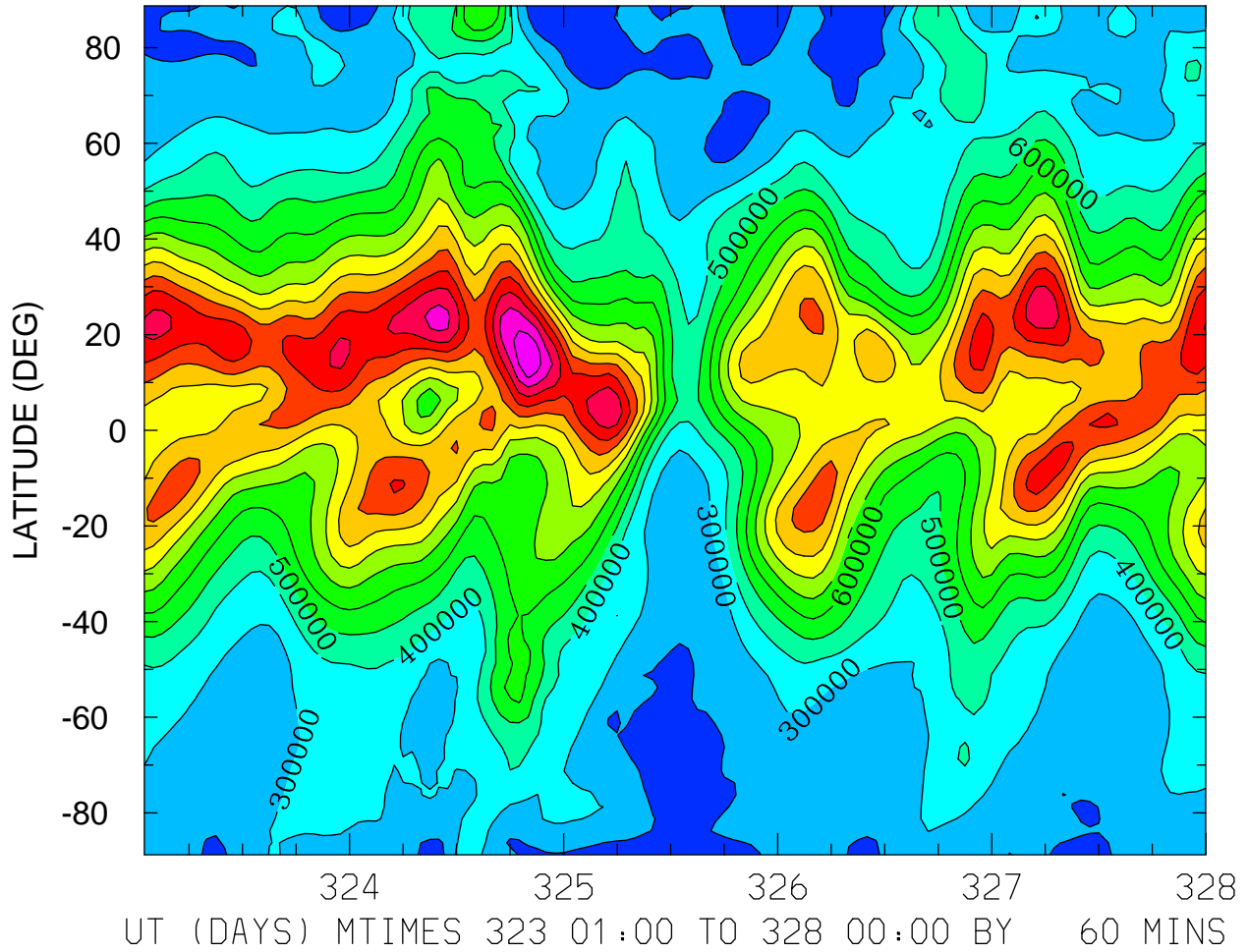


NMF2 ( )  
LOCAL TIME = 12.00



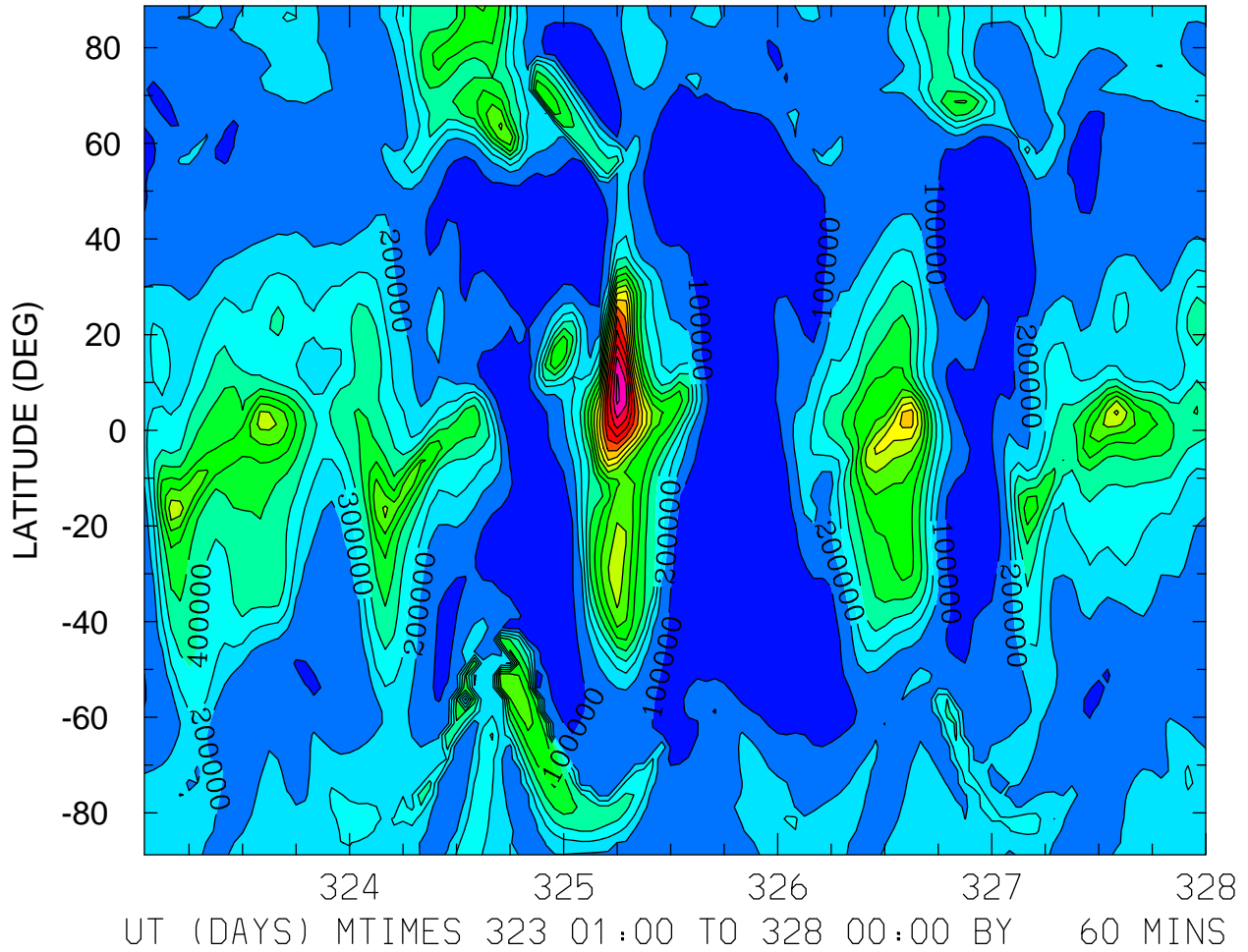
MIN,MAX= 2.1599E+04 3.6714E+06 INTERVAL= 2.5000E+05  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NMF2 ( )  
ZONAL MEANS



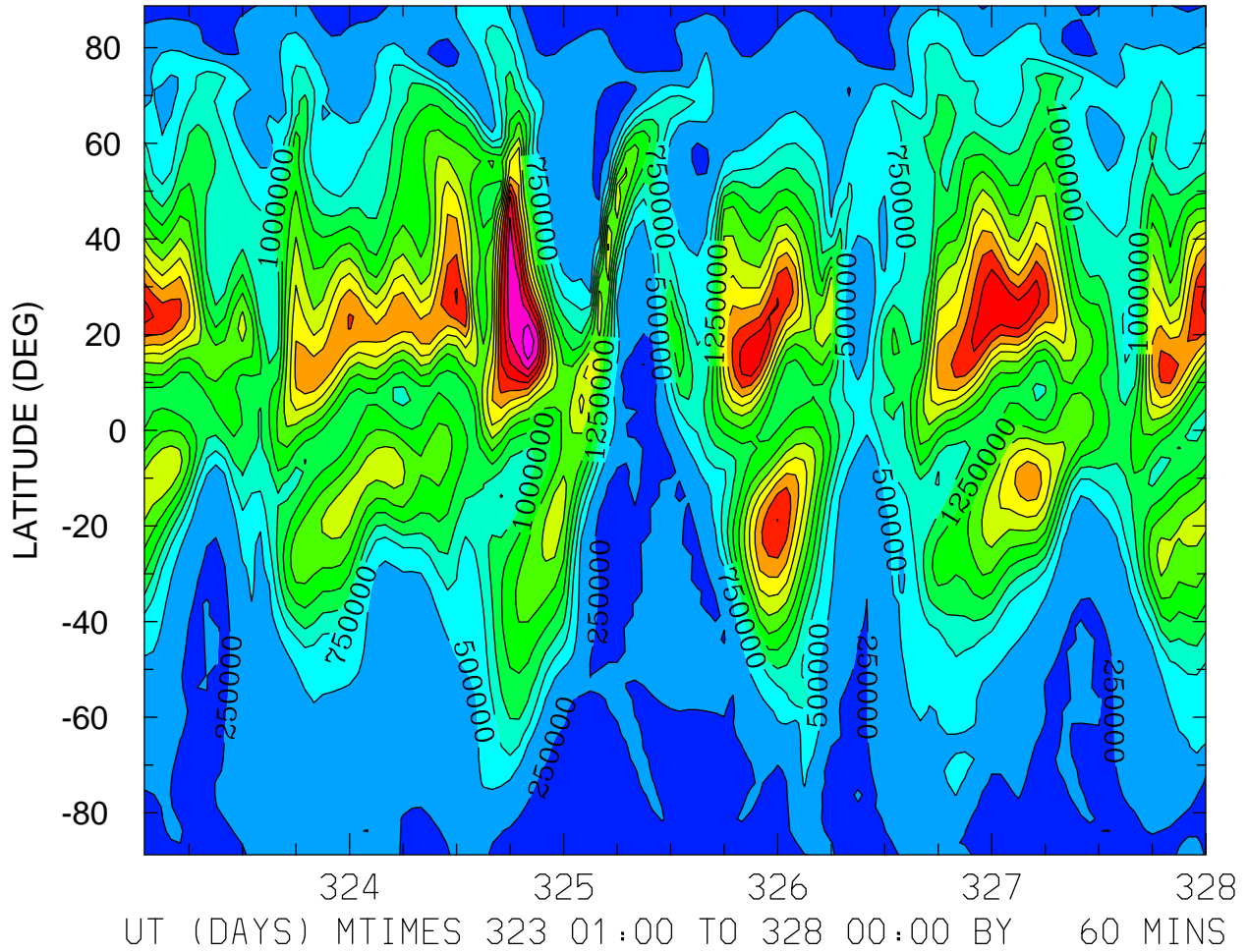
MIN,MAX= 1.1017E+05 1.4796E+06 INTERVAL= 1.0000E+05  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NMF2 ( )  
LOCAL TIME = 0.00



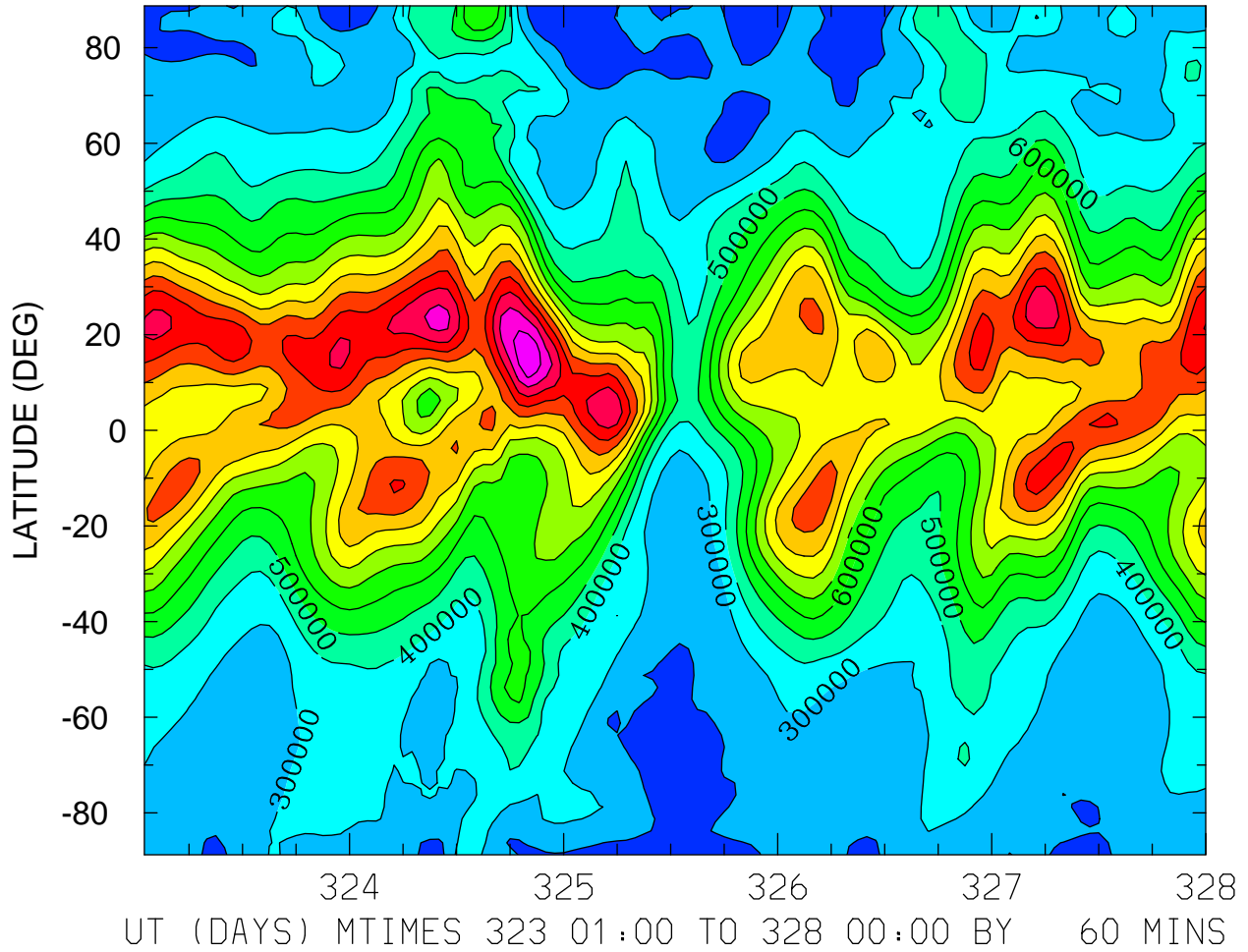
MIN,MAX= 2.8011E+03 1.6242E+06 INTERVAL= 1.0000E+05  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NMF2 ( )  
LOCAL TIME = 12.00



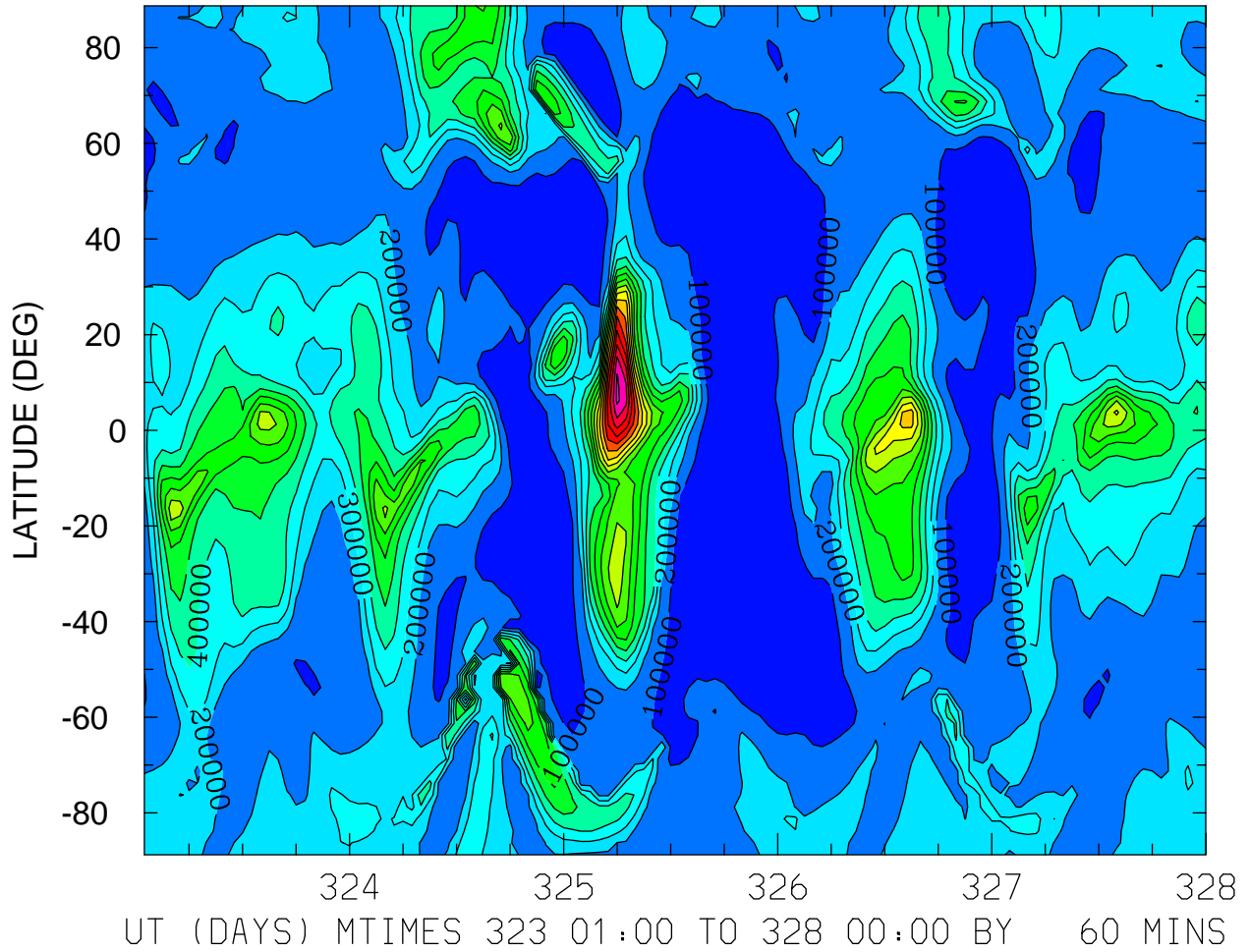
MIN,MAX= 2.1599E+04 3.6714E+06 INTERVAL= 2.5000E+05  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NMF2 ( )  
ZONAL MEANS



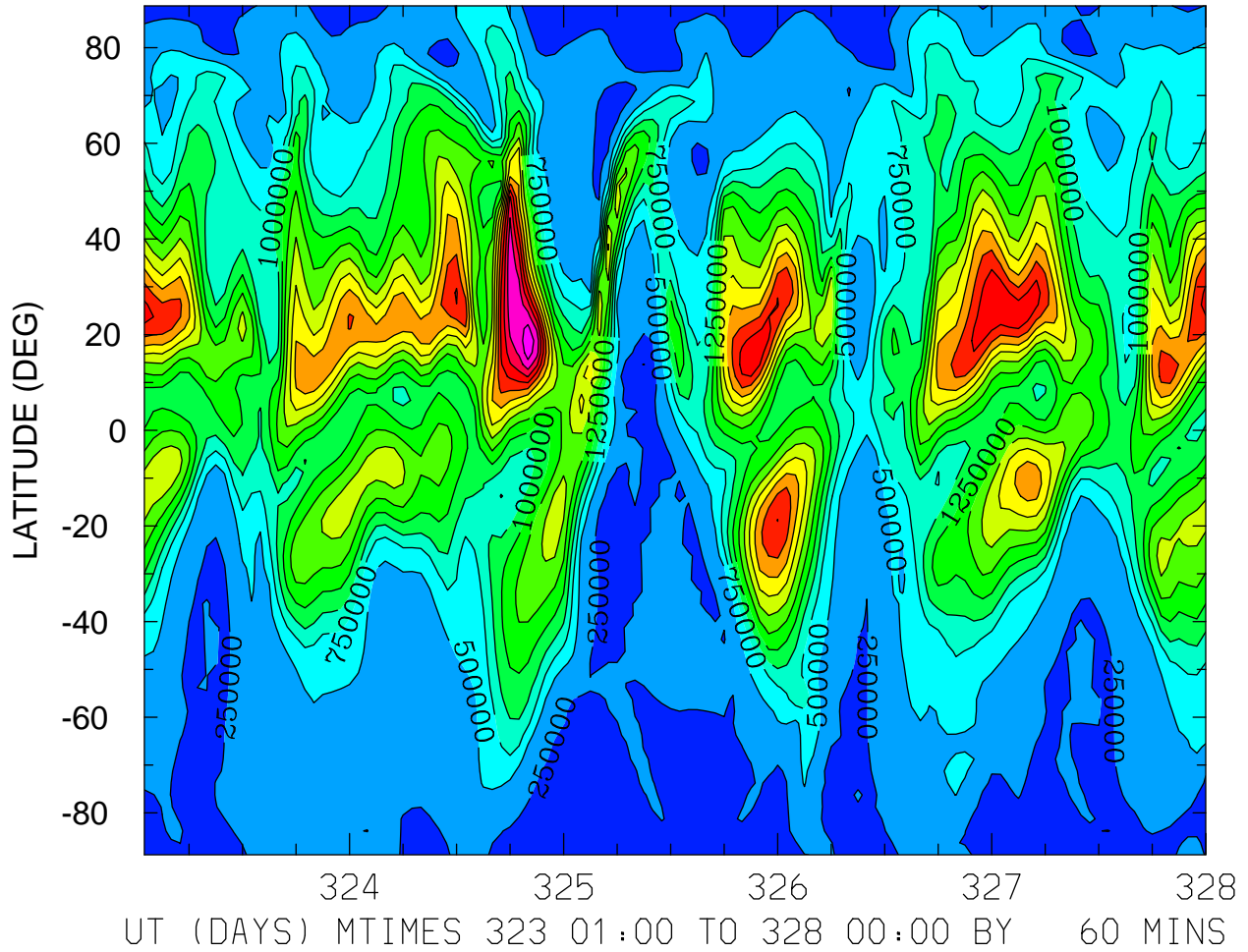
MIN,MAX= 1.1017E+05 1.4796E+06 INTERVAL= 1.0000E+05  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NMF2 ( )  
LOCAL TIME = 0.00



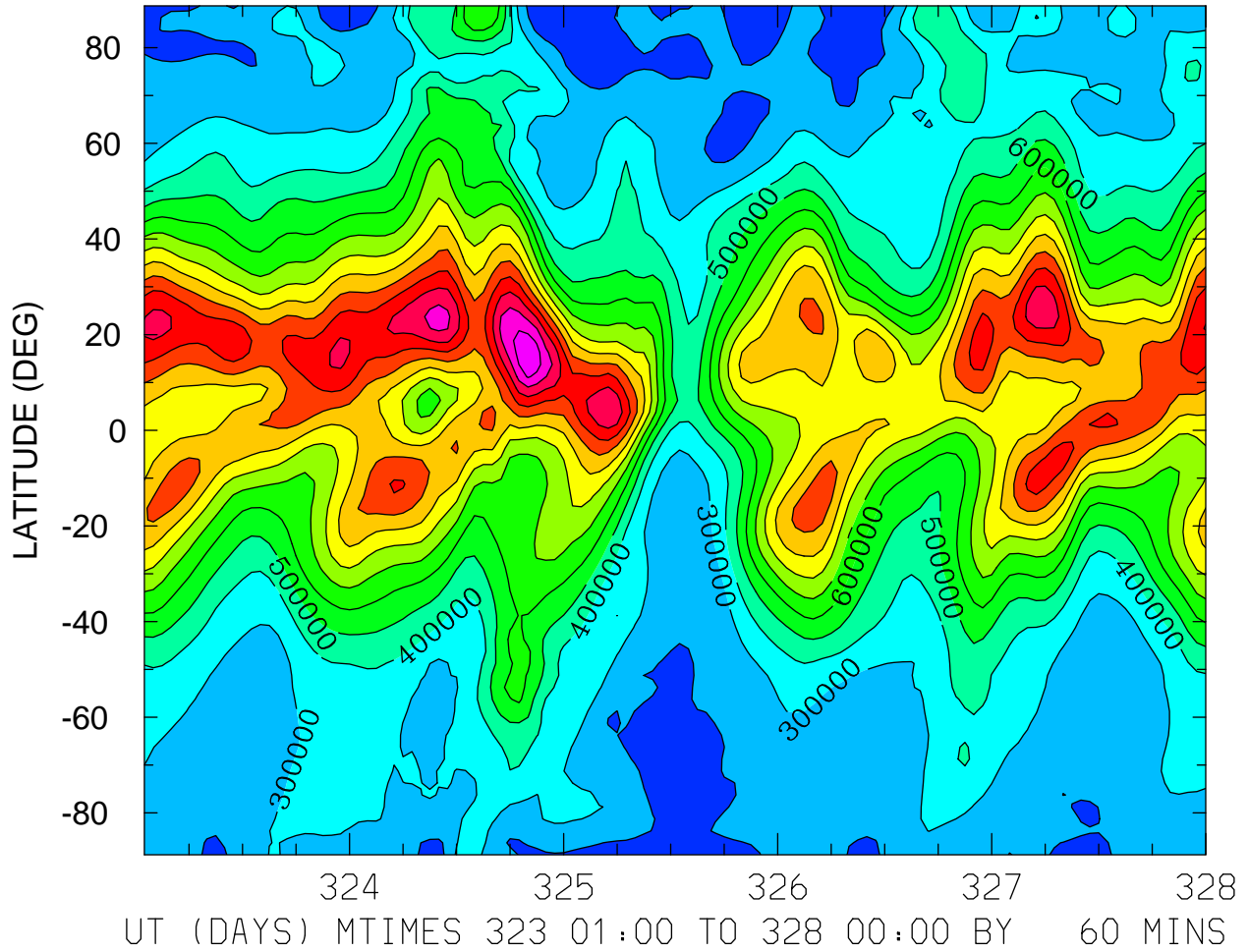
MIN,MAX= 2.8011E+03 1.6242E+06 INTERVAL= 1.0000E+05  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

NMF2 ( )  
LOCAL TIME = 12.00



MIN,MAX= 2.1599E+04 3.6714E+06 INTERVAL= 2.5000E+05  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

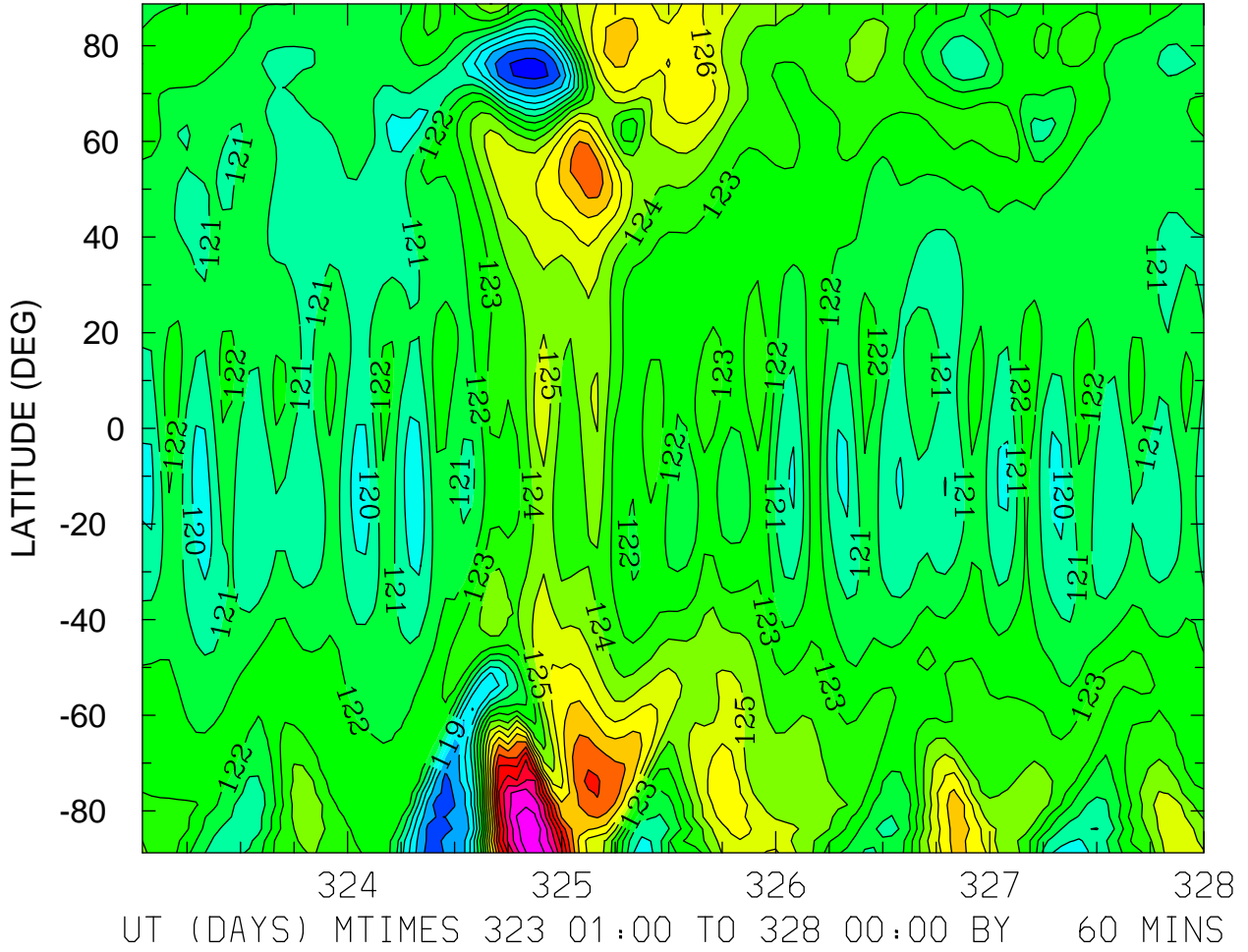
NMF2 ( )  
ZONAL MEANS



MIN,MAX= 1.1017E+05 1.4796E+06 INTERVAL= 1.0000E+05  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

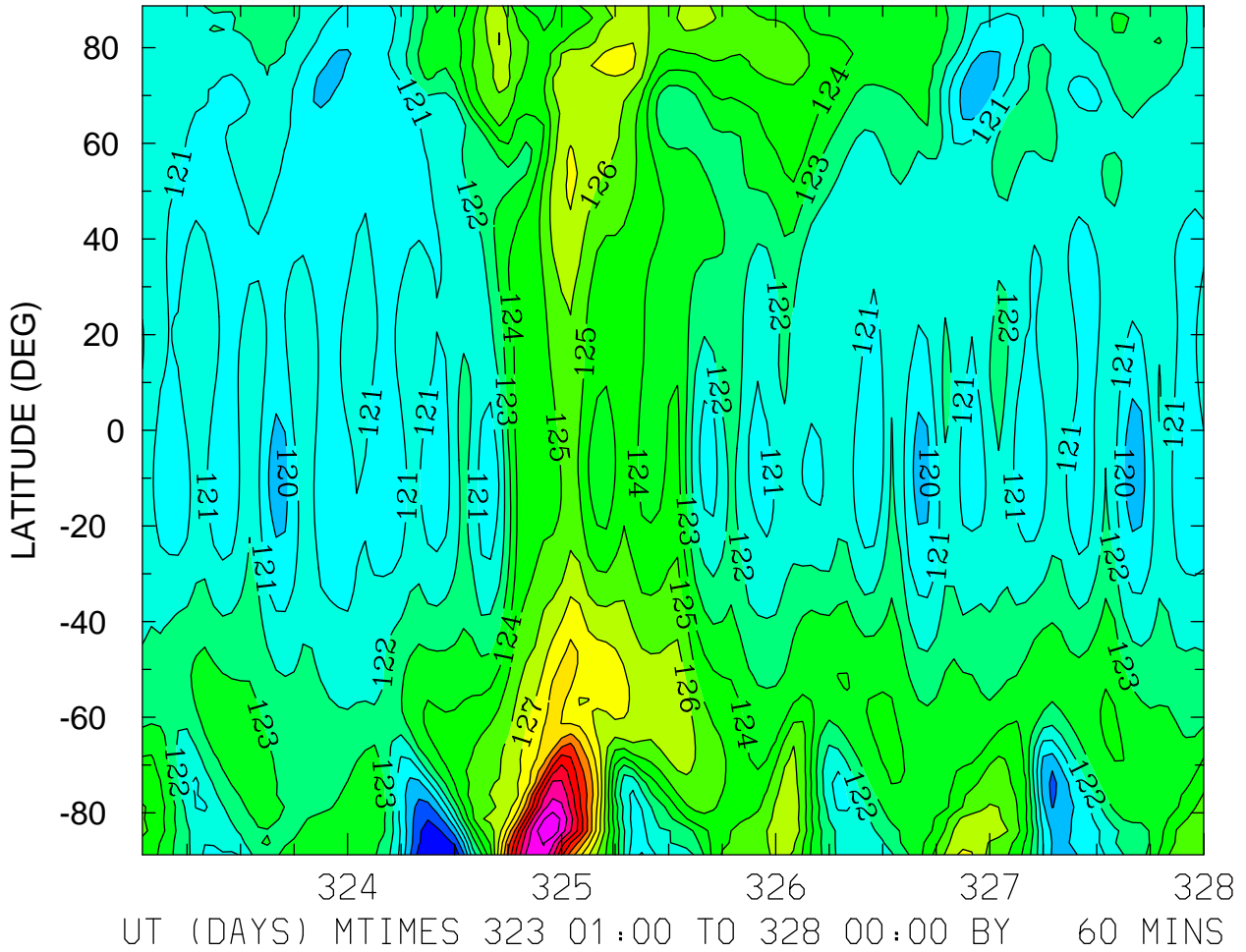


GEOPOTENTIAL HEIGHT (KM)  
ZP = -4.000 LOCAL TIME = 0.00



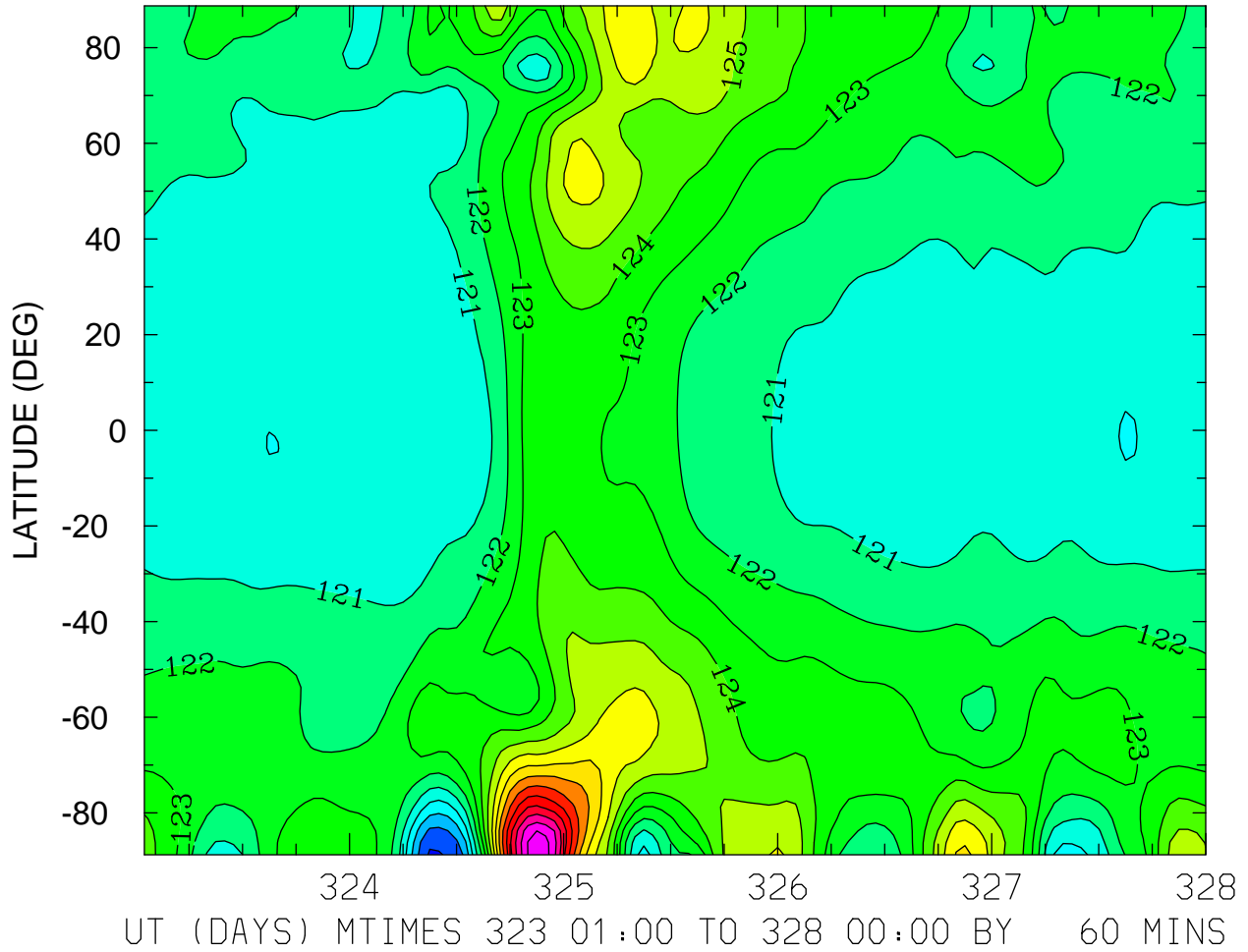
MIN,MAX= 1.1556E+02 1.3477E+02 INTERVAL= 1.0000E+00  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
ZP = -4.000 LOCAL TIME = 12.00



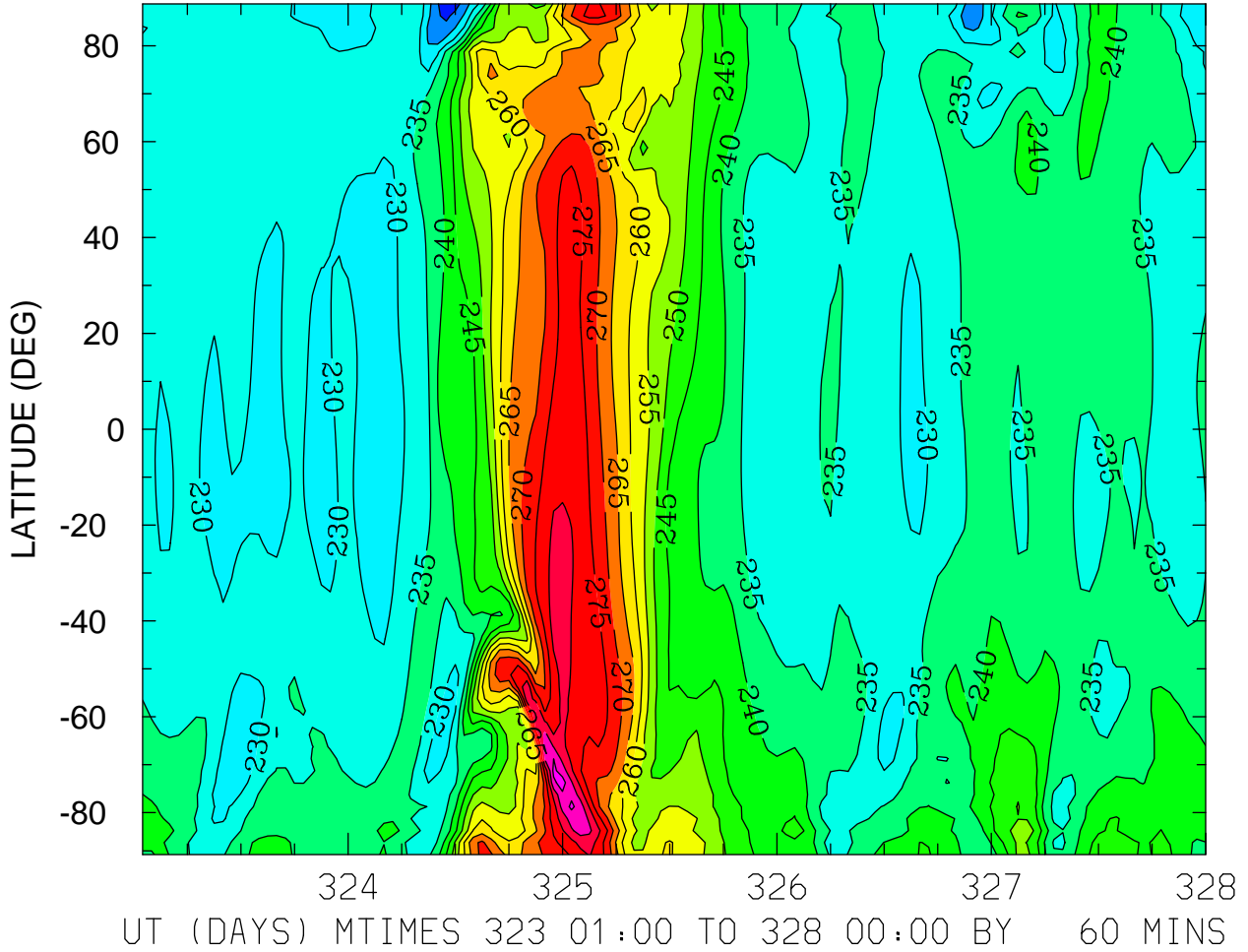
MIN,MAX= 1.1702E+02 1.3576E+02 INTERVAL= 1.0000E+00  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
ZP = -4.000 ZONAL MEANS



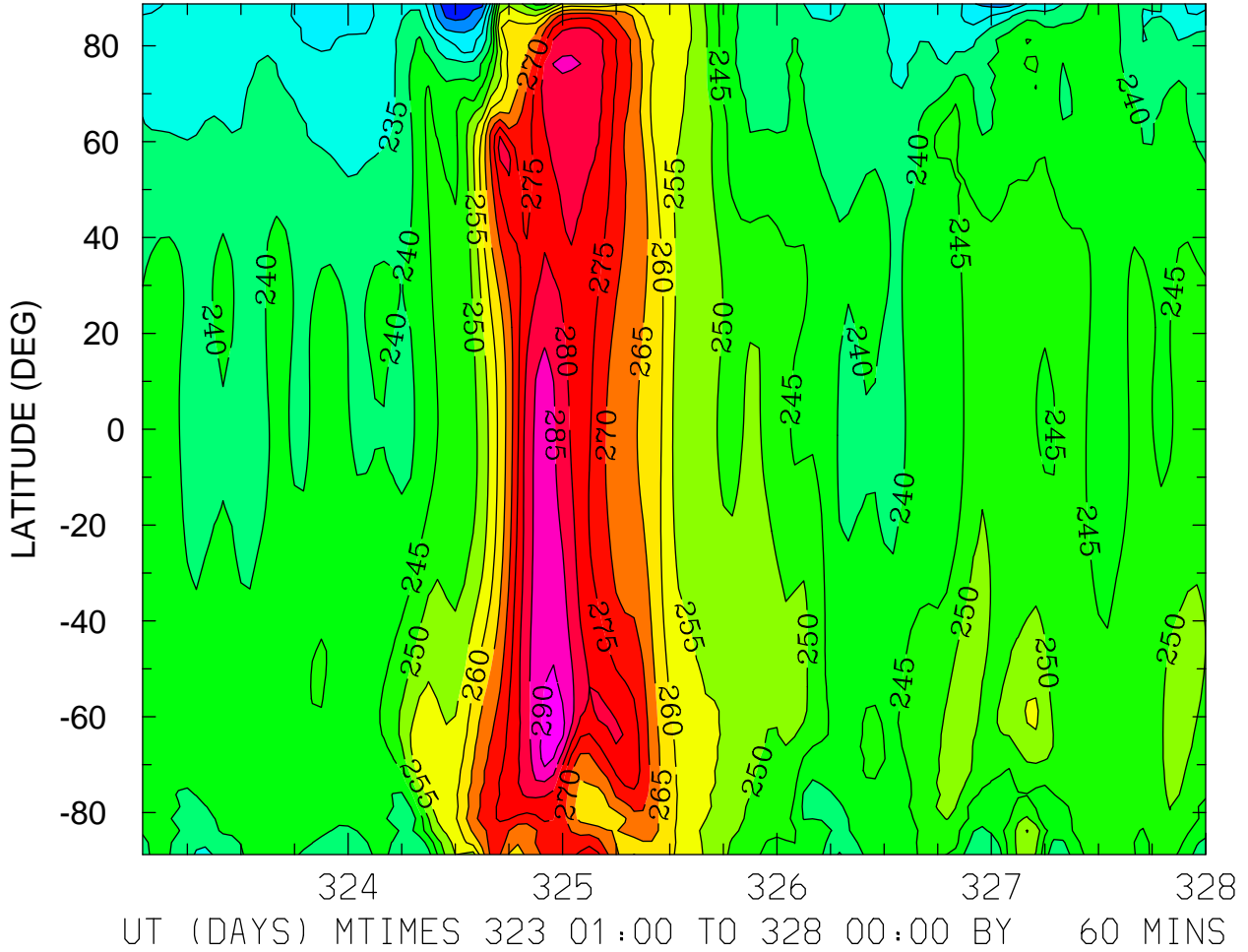
MIN,MAX= 1.1685E+02 1.3460E+02 INTERVAL= 1.0000E+00  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
ZP = 0.000 LOCAL TIME = 0.00



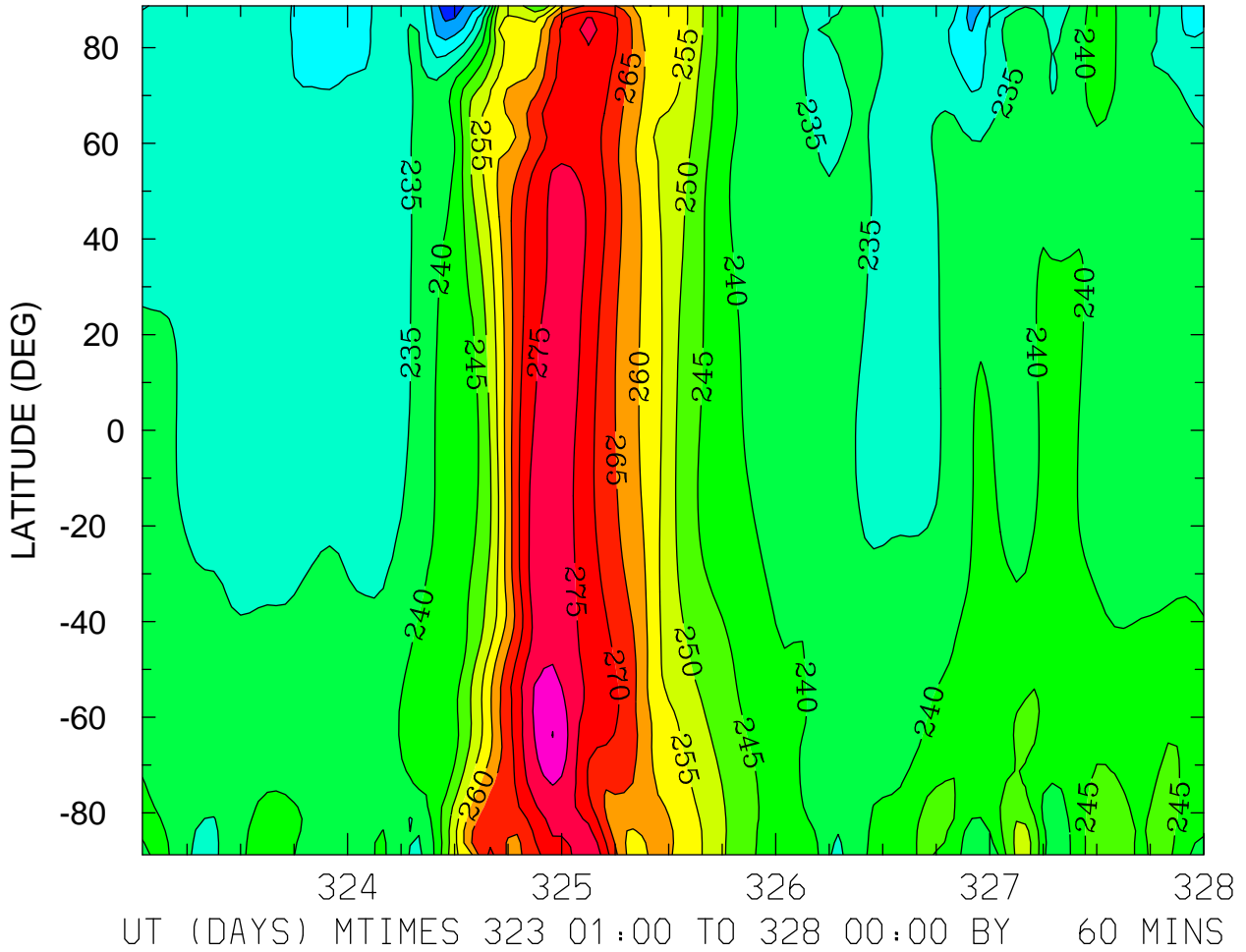
MIN,MAX= 2.1705E+02 2.9212E+02 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
ZP = 0.000 LOCAL TIME = 12.00



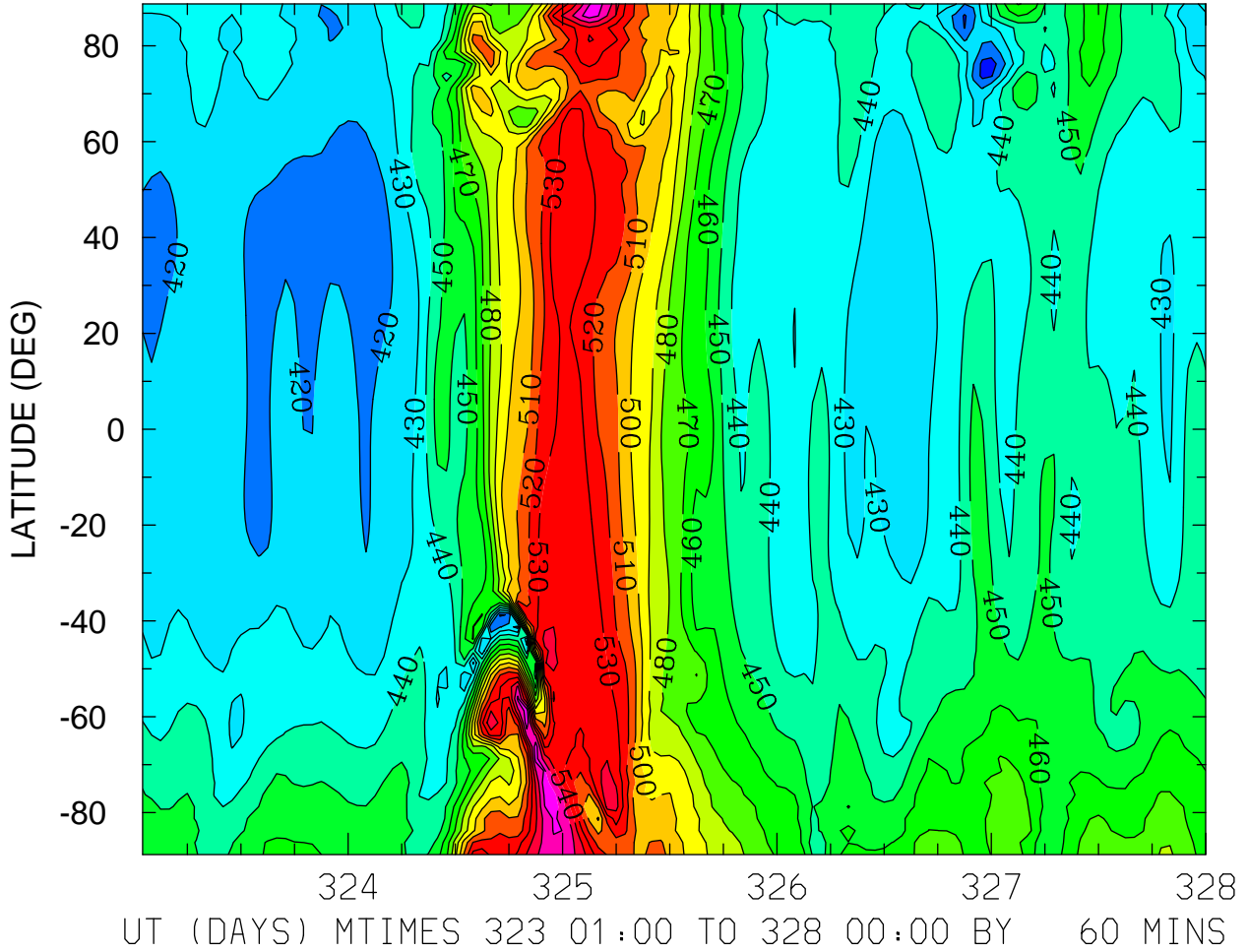
MIN,MAX= 2.1658E+02 2.9280E+02 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
ZP = 0.000 ZONAL MEANS



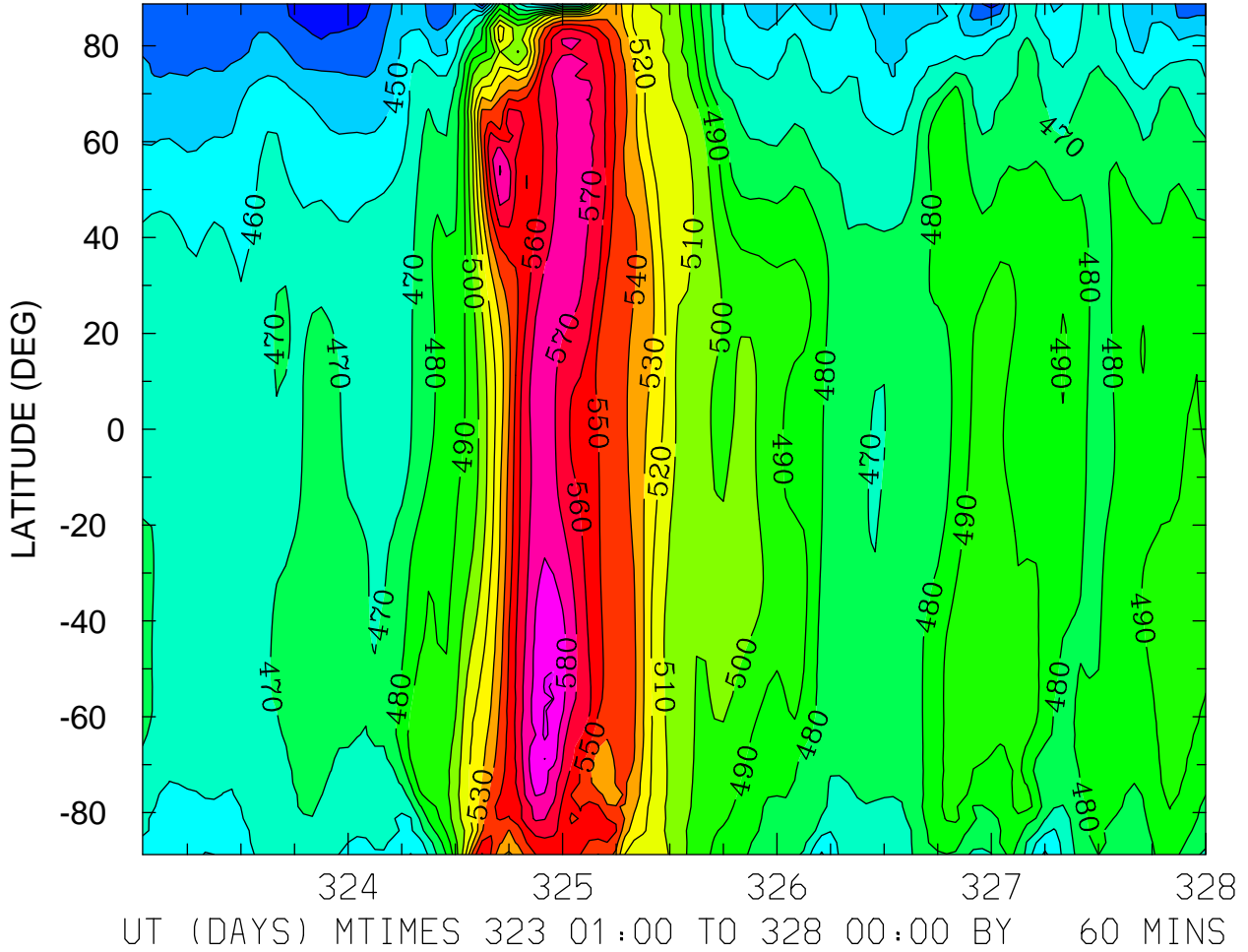
MIN,MAX= 2.1693E+02 2.8508E+02 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
ZP = 4.000 LOCAL TIME = 0.00



MIN,MAX= 4.0552E+02 5.6774E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

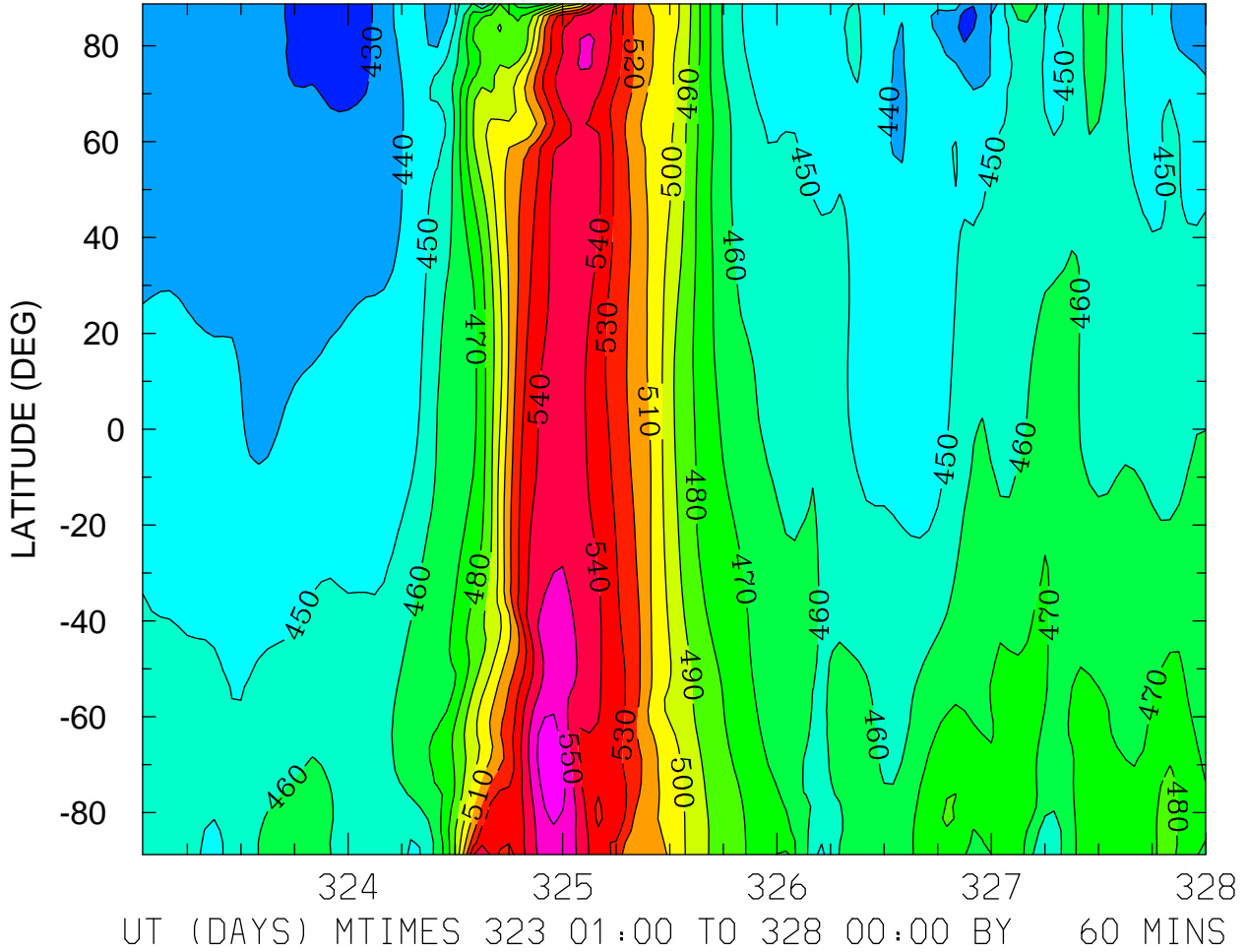
GEOPOTENTIAL HEIGHT (KM)  
ZP = 4.000 LOCAL TIME = 12.00



MIN,MAX= 4.2092E+02 5.9228E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

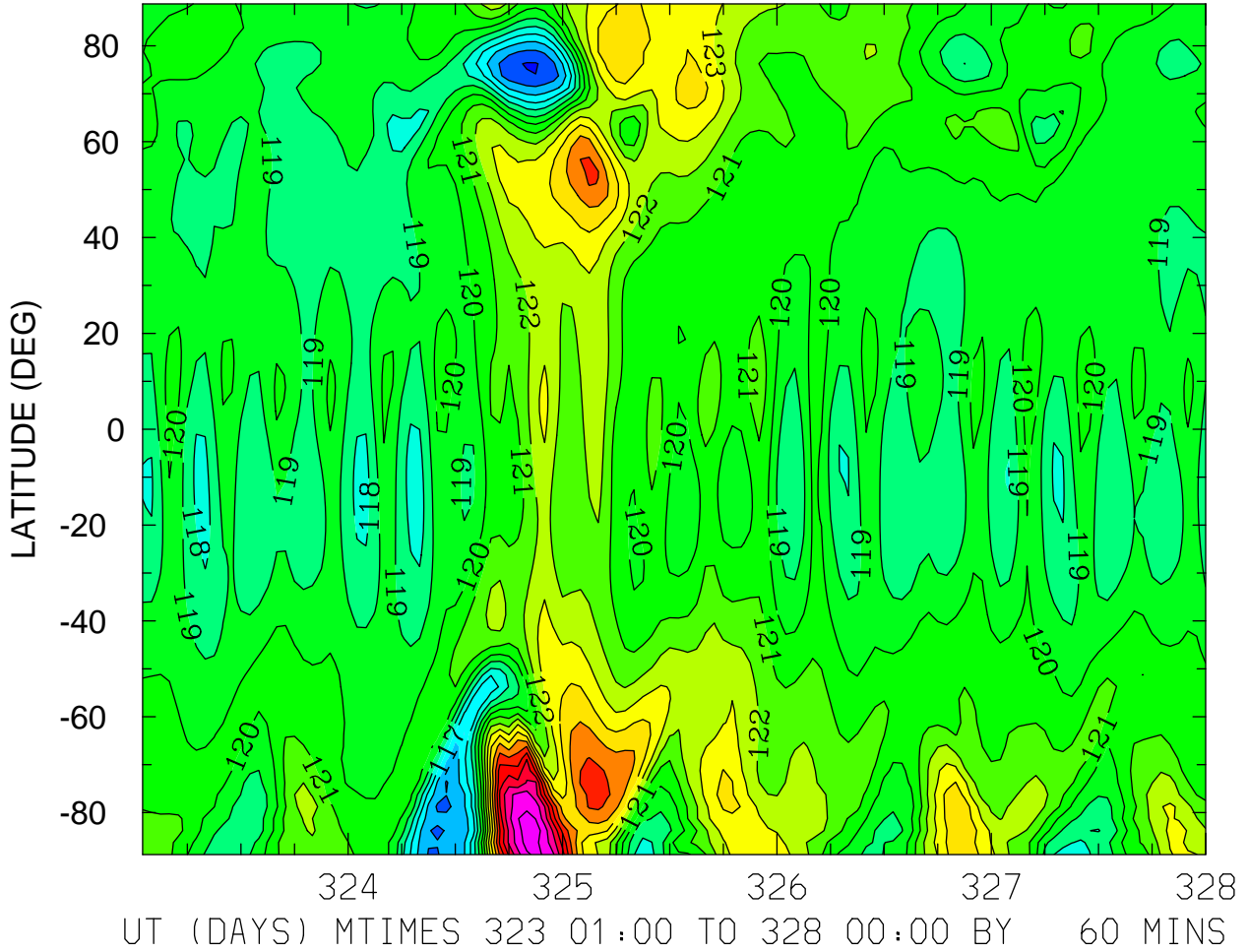


GEOPOTENTIAL HEIGHT (KM)  
ZP = 4.000 ZONAL MEANS



MIN,MAX= 4.2046E+02 5.6819E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

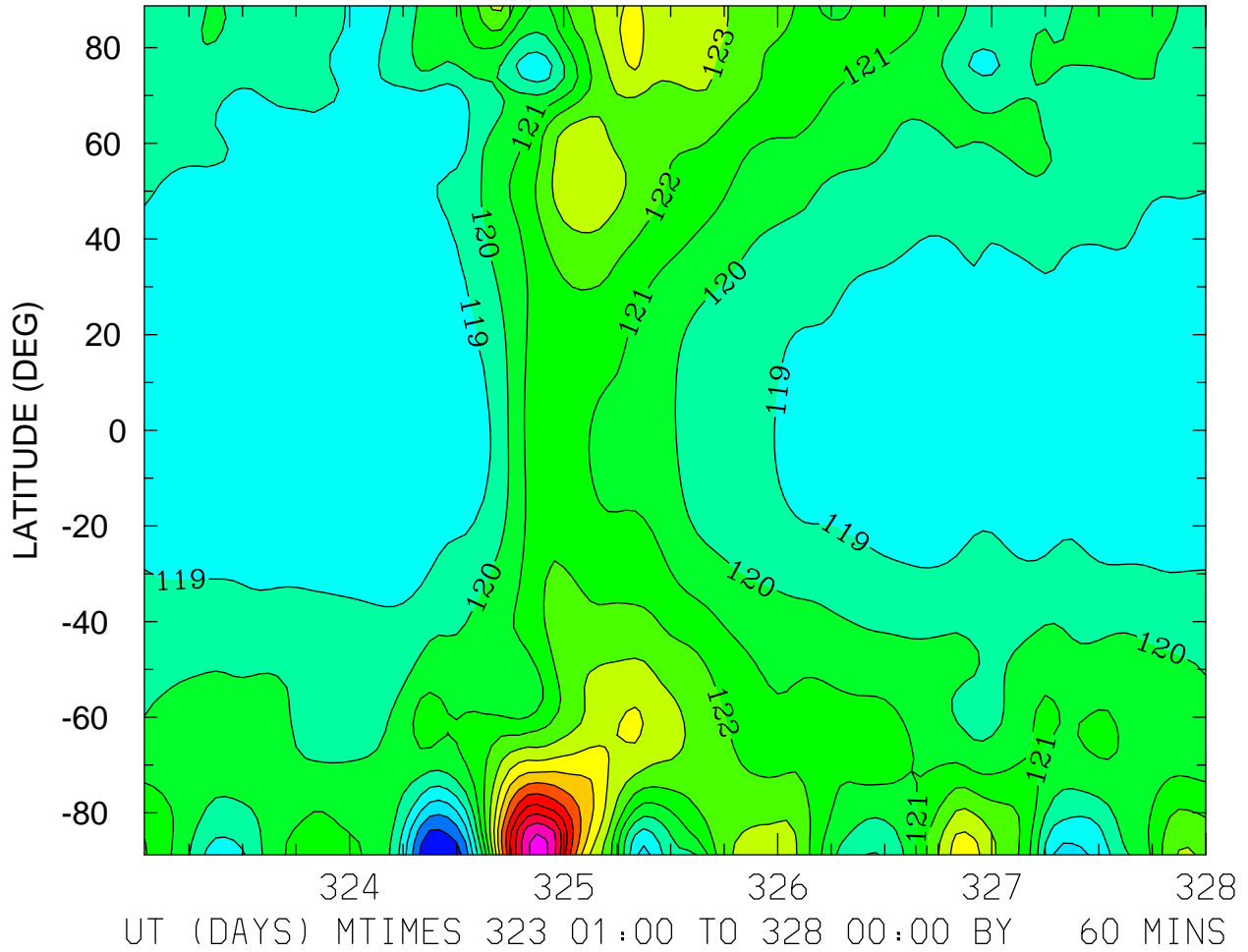
GEOPOTENTIAL HEIGHT (with gravity) (KM)  
ZP = -4.000 LOCAL TIME = 0.00



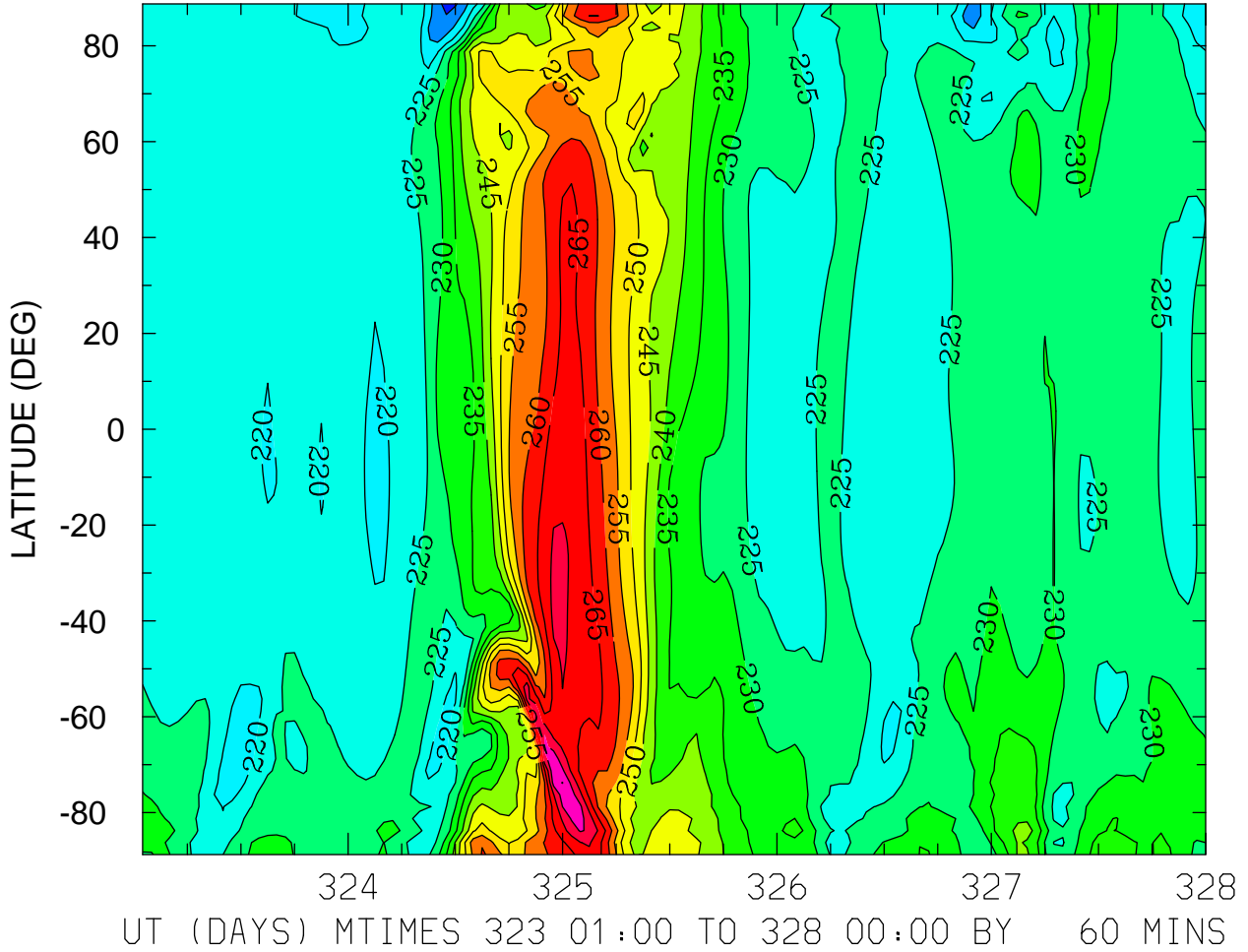
MIN,MAX= 1.1391E+02 1.3158E+02 INTERVAL= 1.0000E+00  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc



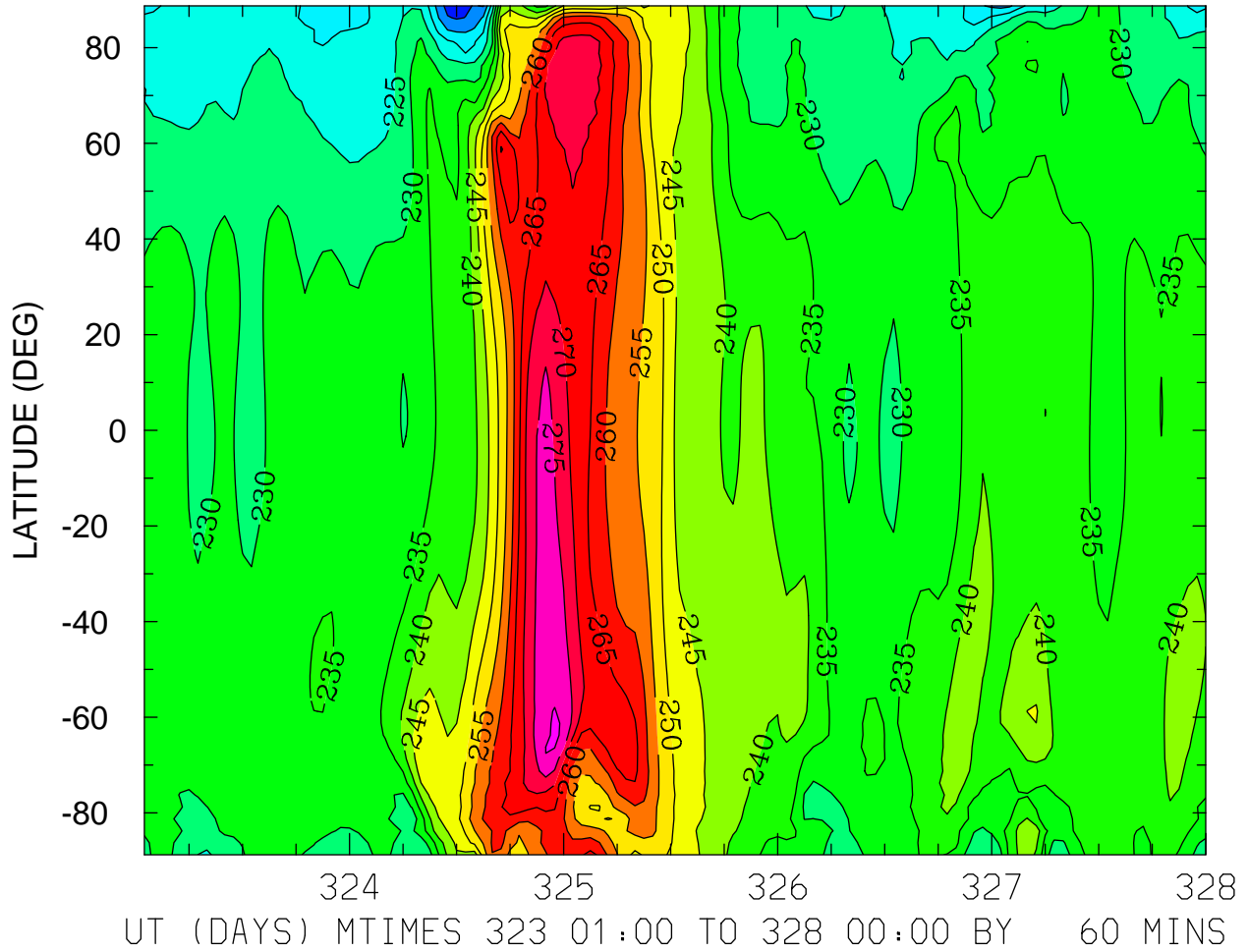
GEOPOTENTIAL HEIGHT (with gravity) (KM)  
ZP = -4.000 ZONAL MEANS



GEOPOTENTIAL HEIGHT (with gravity) (KM)  
ZP = 0.000 LOCAL TIME = 0.00

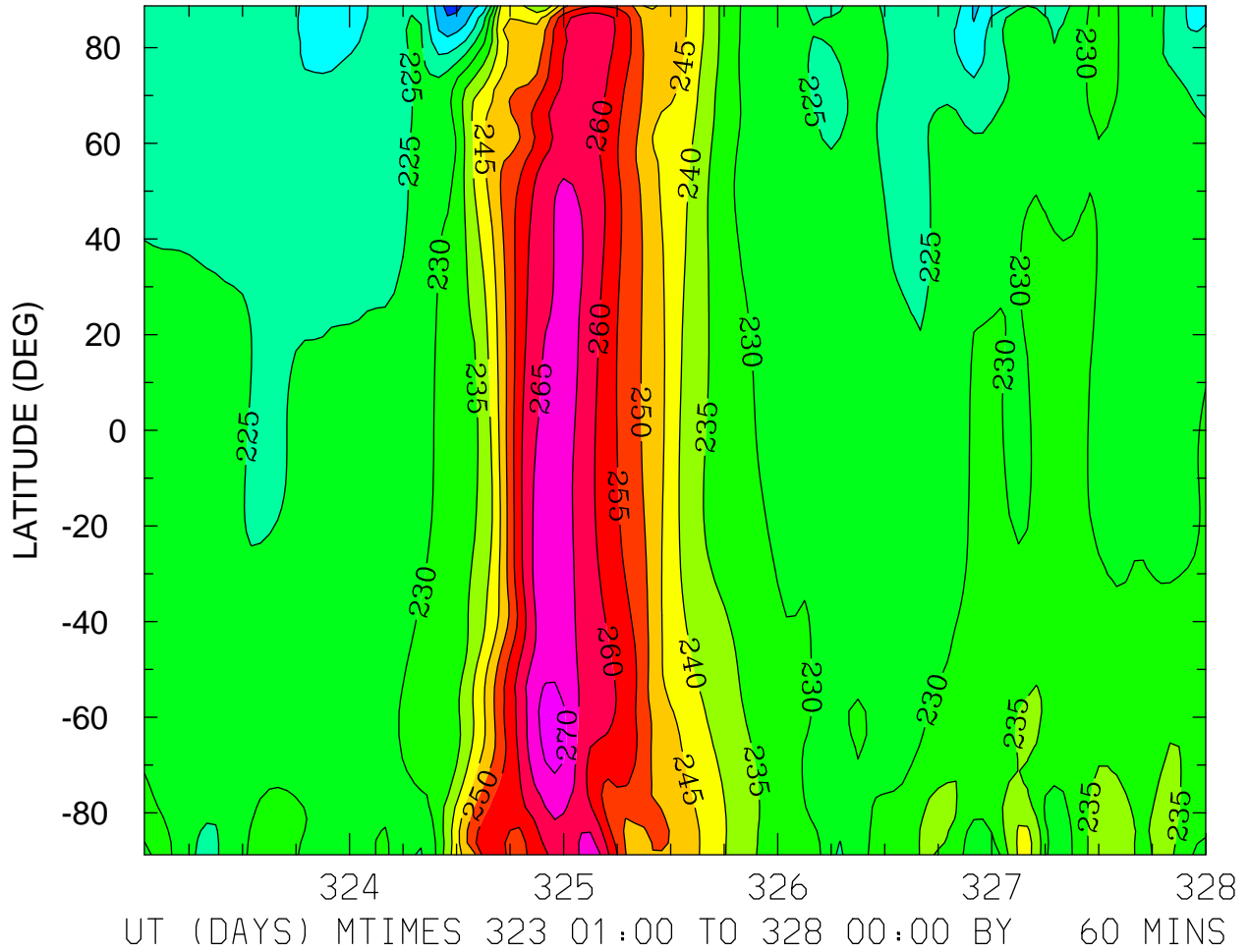


GEOPOTENTIAL HEIGHT (with gravity) (KM)  
ZP = 0.000 LOCAL TIME = 12.00

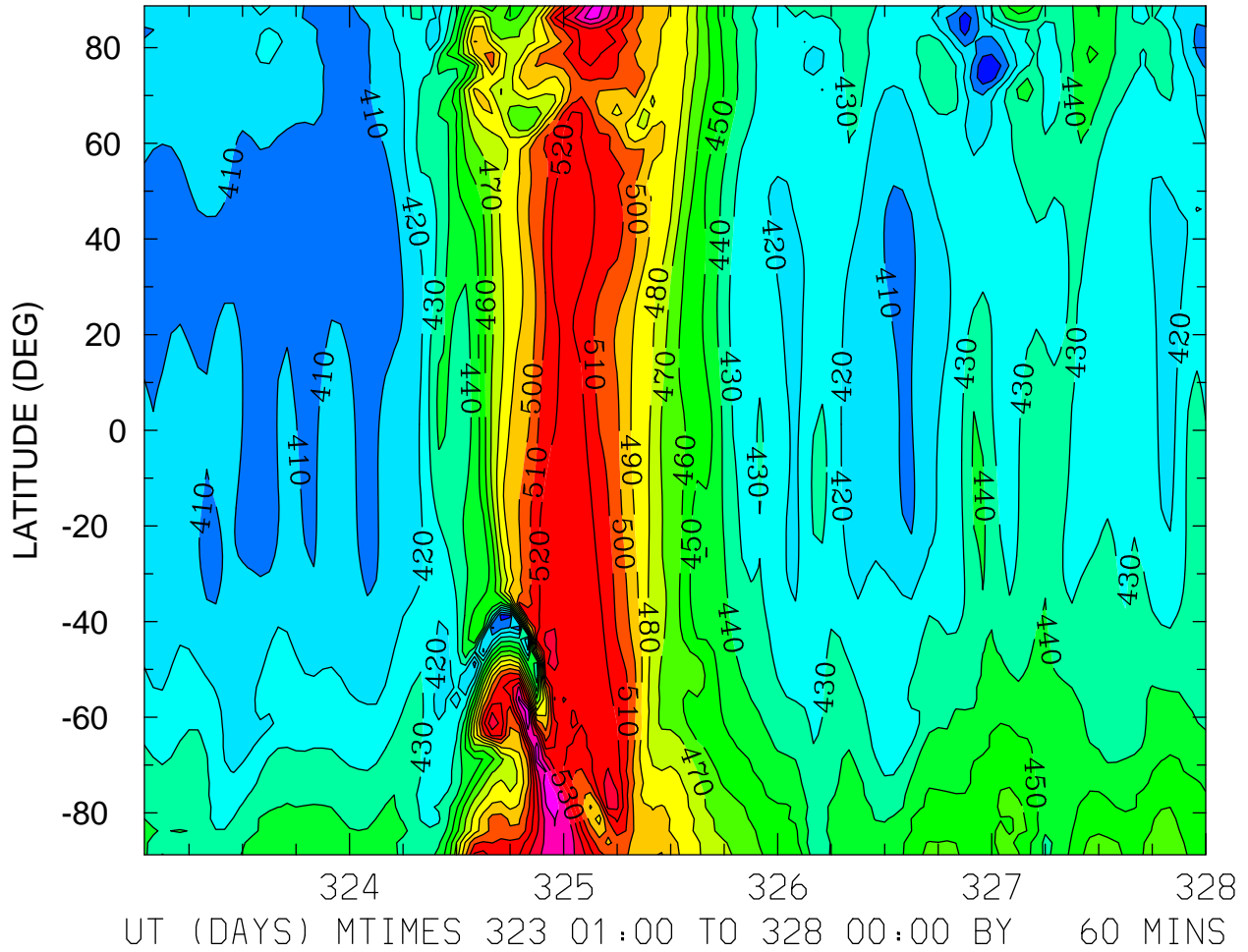


MIN,MAX= 2.0790E+02 2.8091E+02 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

GEOPOTENTIAL HEIGHT (with gravity) (KM)  
ZP = 0.000 ZONAL MEANS



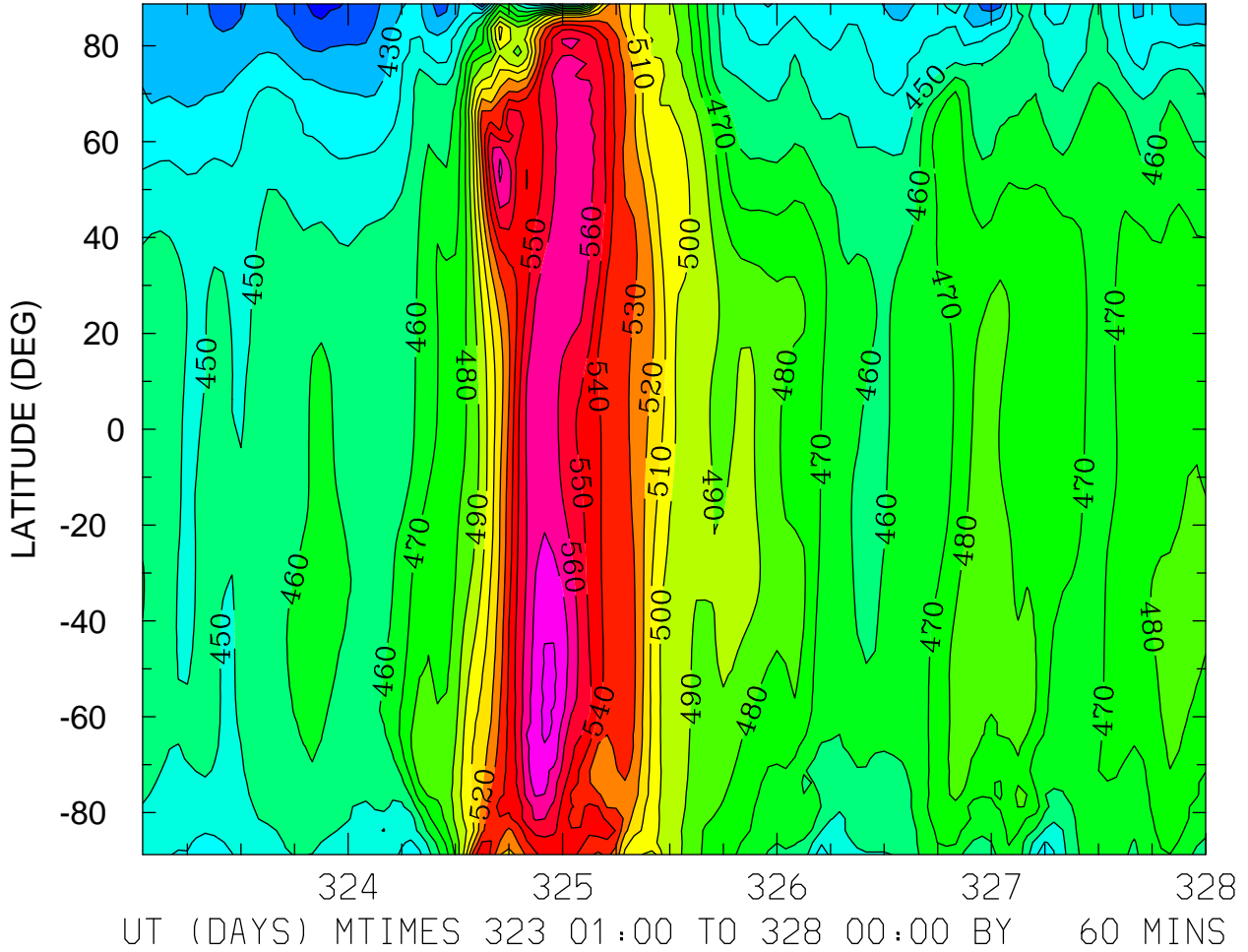
GEOPOTENTIAL HEIGHT (with gravity) (KM)  
ZP = 4.000 LOCAL TIME = 0.00



MIN,MAX= 3.9155E+02 5.5800E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

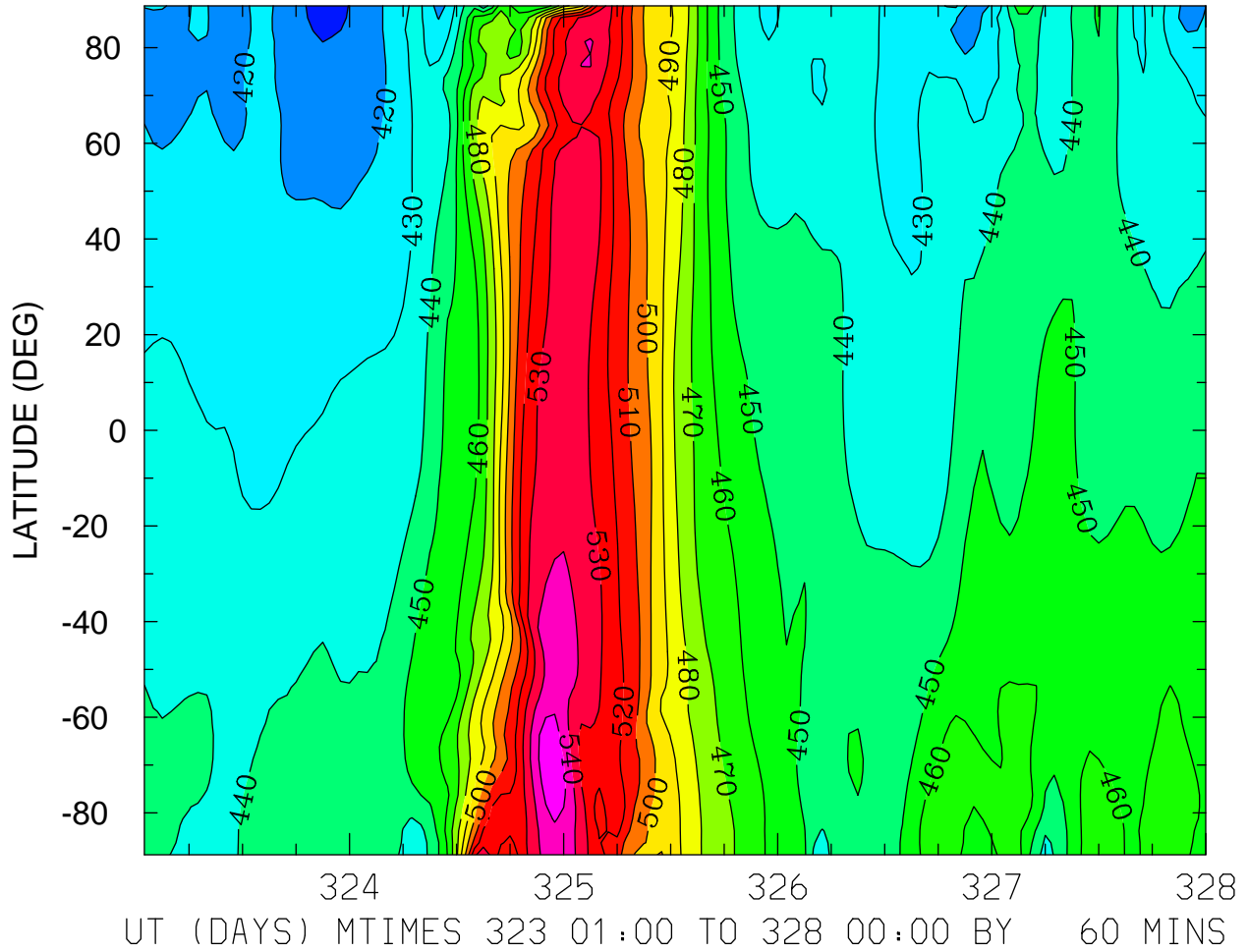


GEOPOTENTIAL HEIGHT (with gravity) (KM)  
ZP = 4.000 LOCAL TIME = 12.00



MIN,MAX= 4.0686E+02 5.8375E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc

GEOPOTENTIAL HEIGHT (with gravity) (KM)  
ZP = 4.000 ZONAL MEANS



MIN,MAX= 4.0640E+02 5.5805E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_nov2003\_heelis\_gpi\_sech\_005.nc