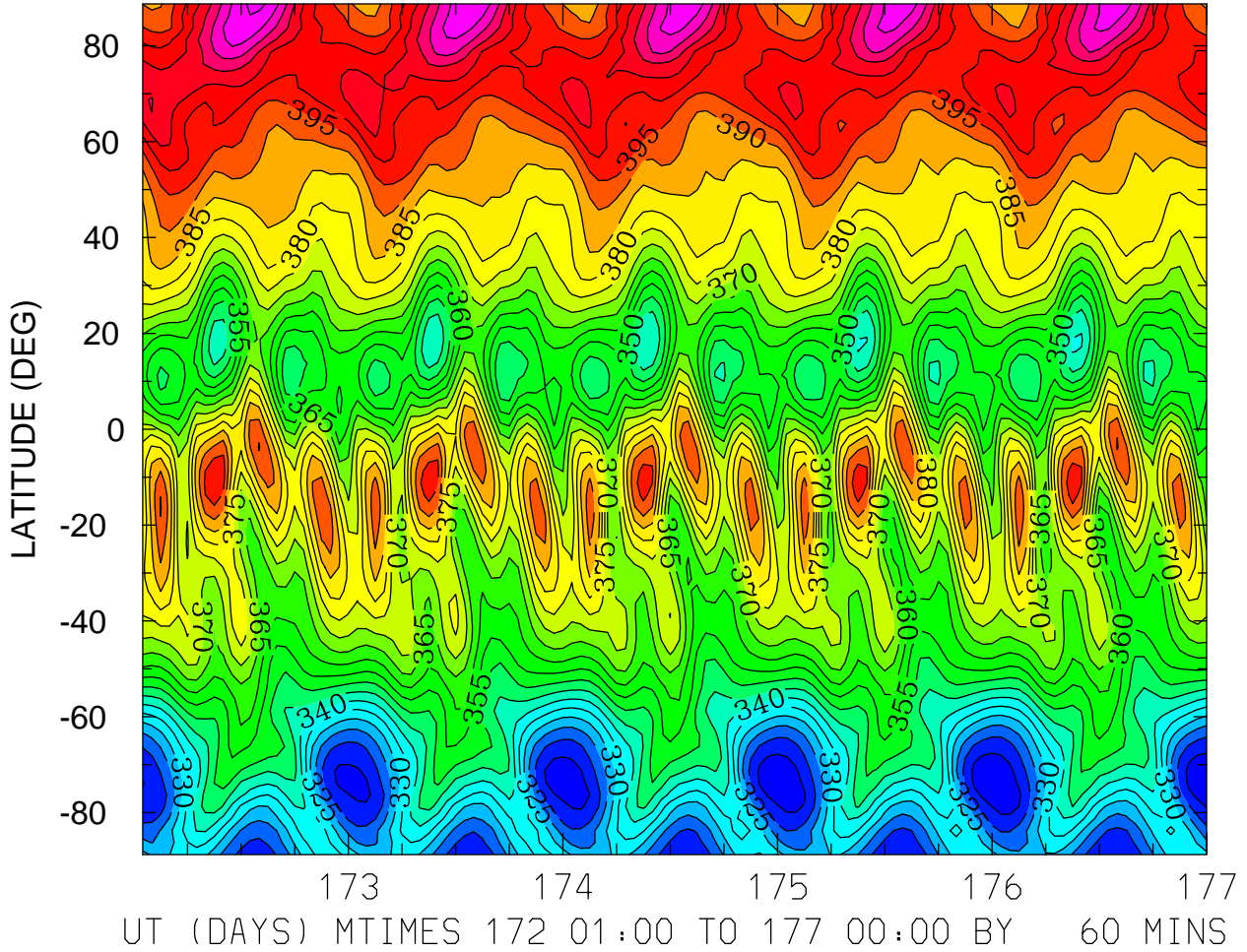
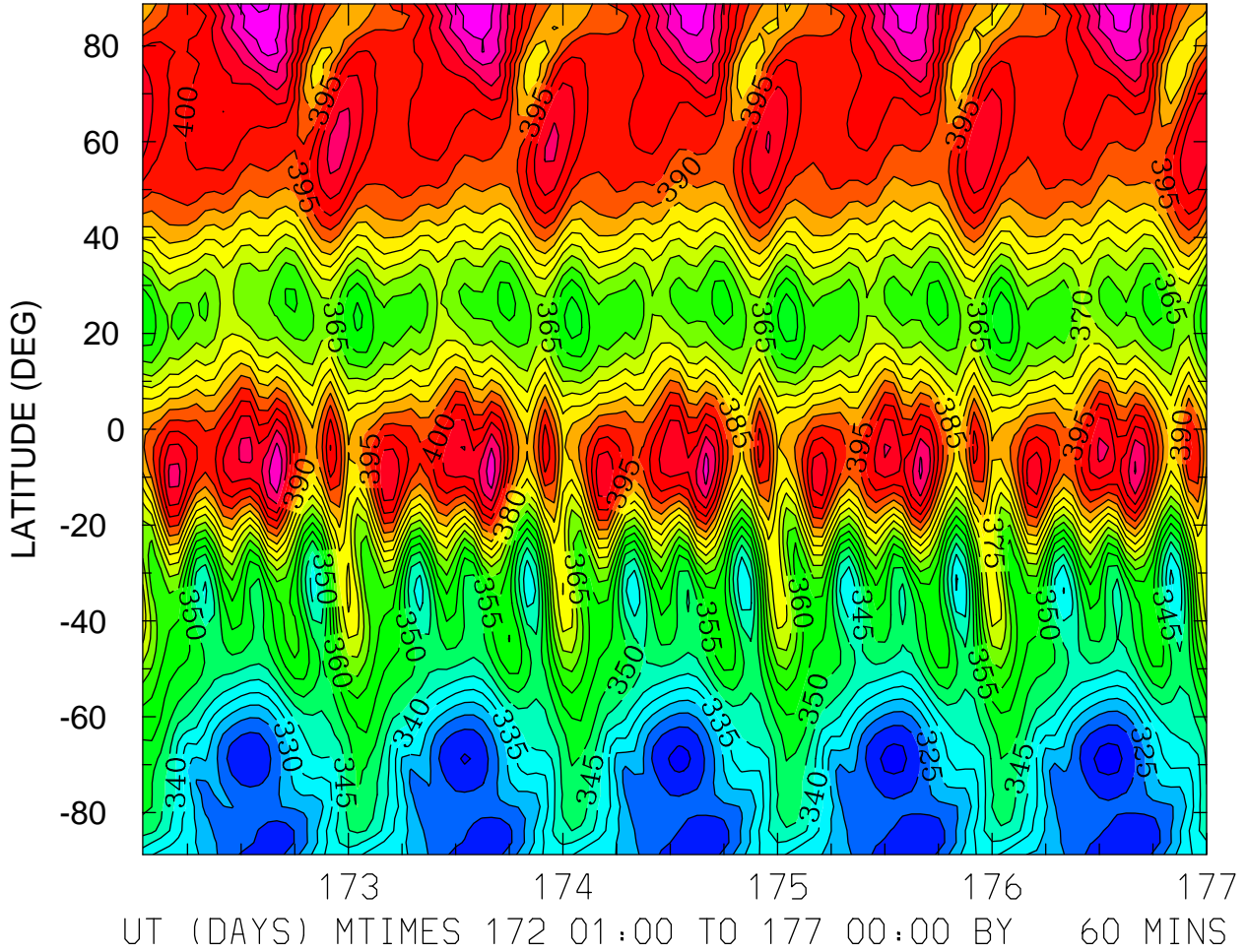


NEUTRAL TEMPERATURE (DEG K)  
ZP = -4.000 LOCAL TIME = 0.00



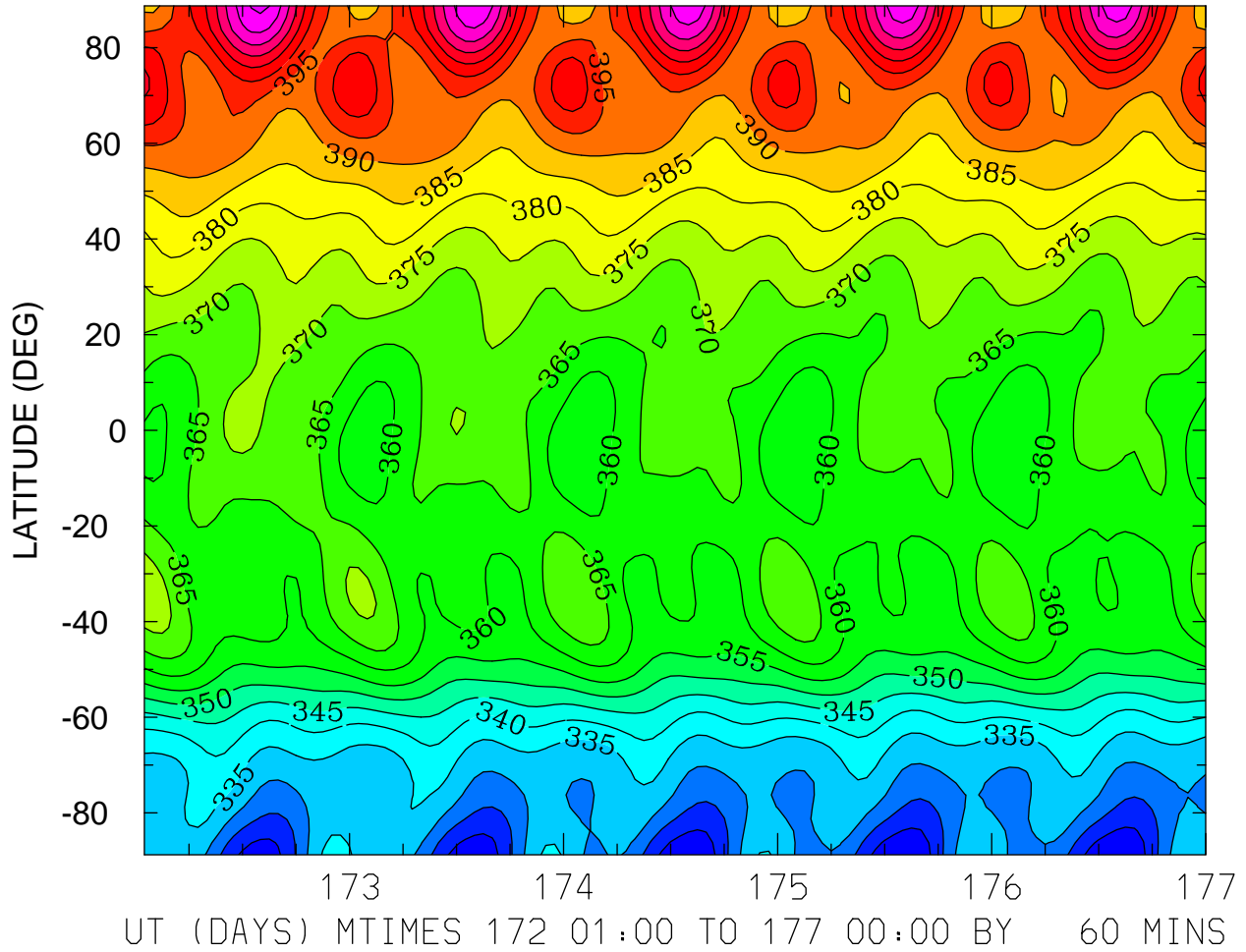
MIN,MAX= 3.1174E+02 4.2626E+02 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



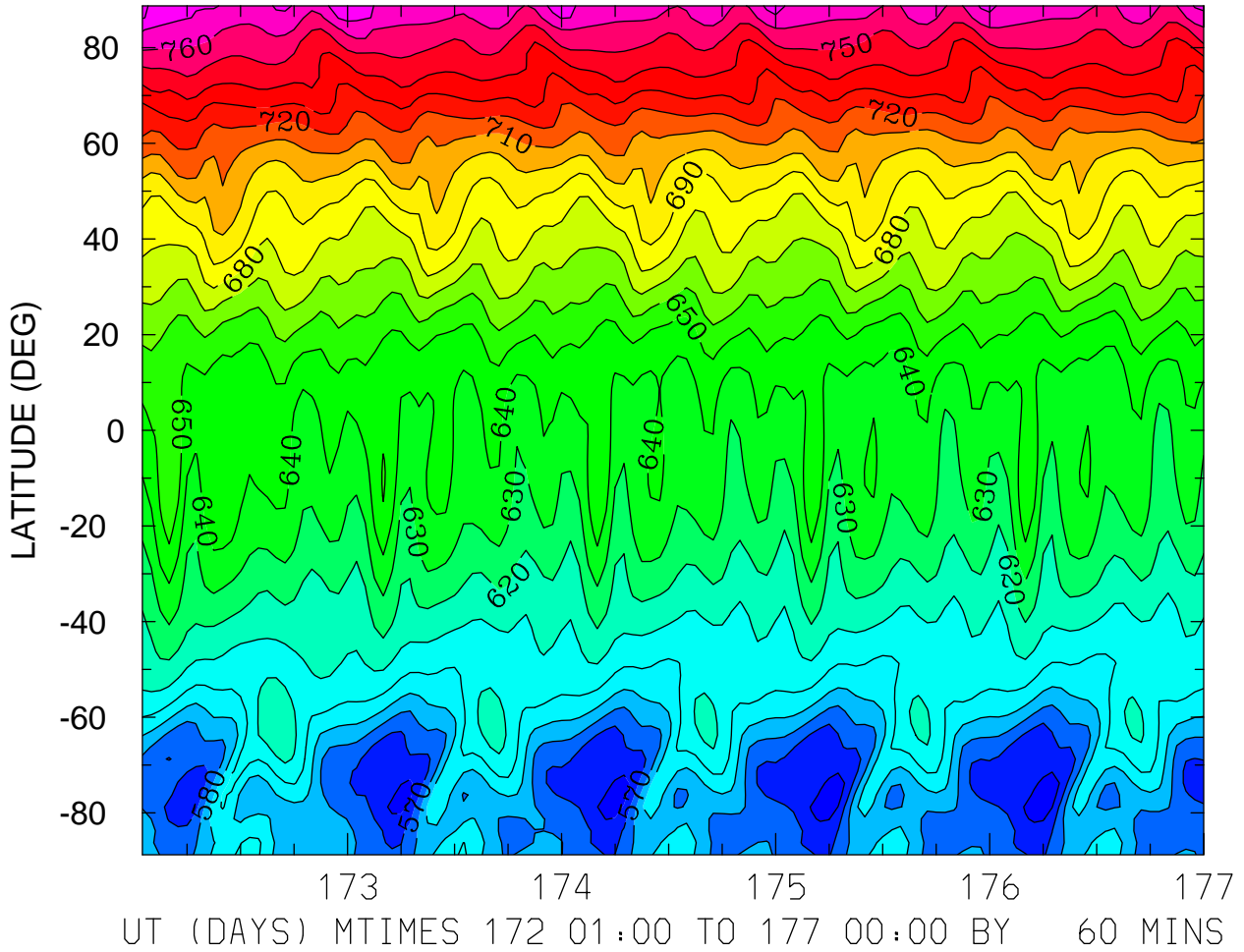
MIN,MAX= 3.1332E+02 4.2643E+02 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



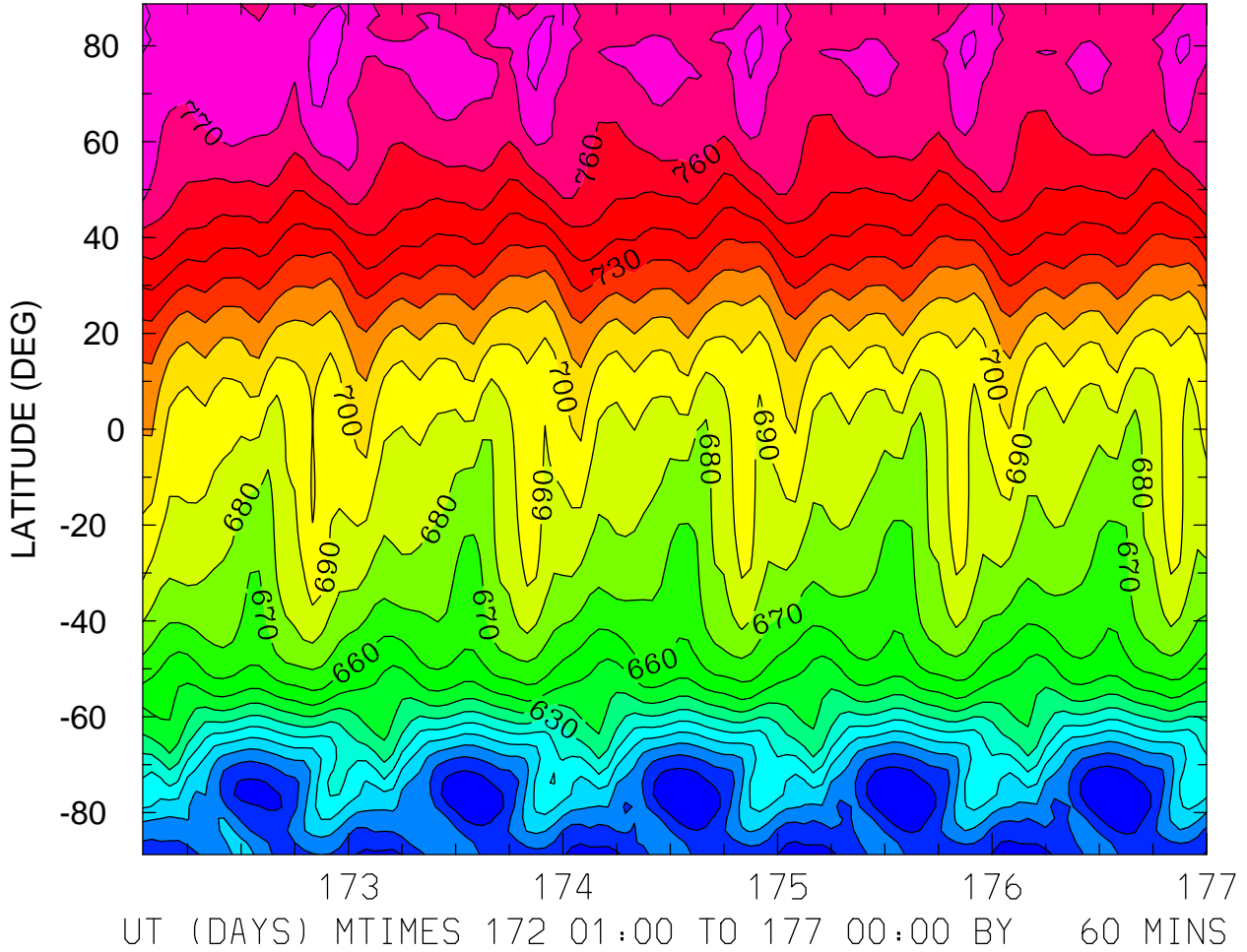
MIN,MAX= 3.1557E+02 4.2634E+02 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



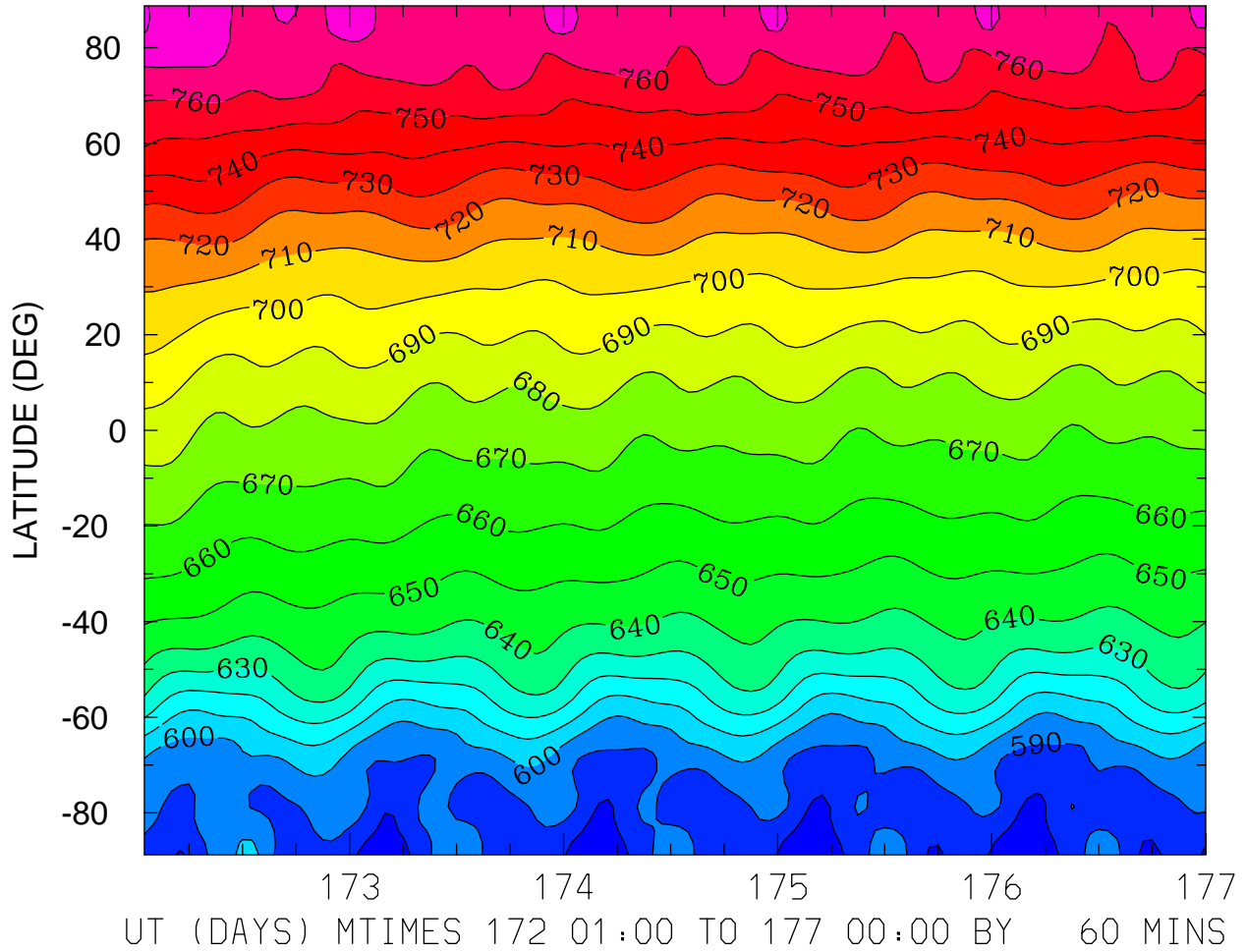
MIN,MAX= 5.5273E+02 7.8168E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



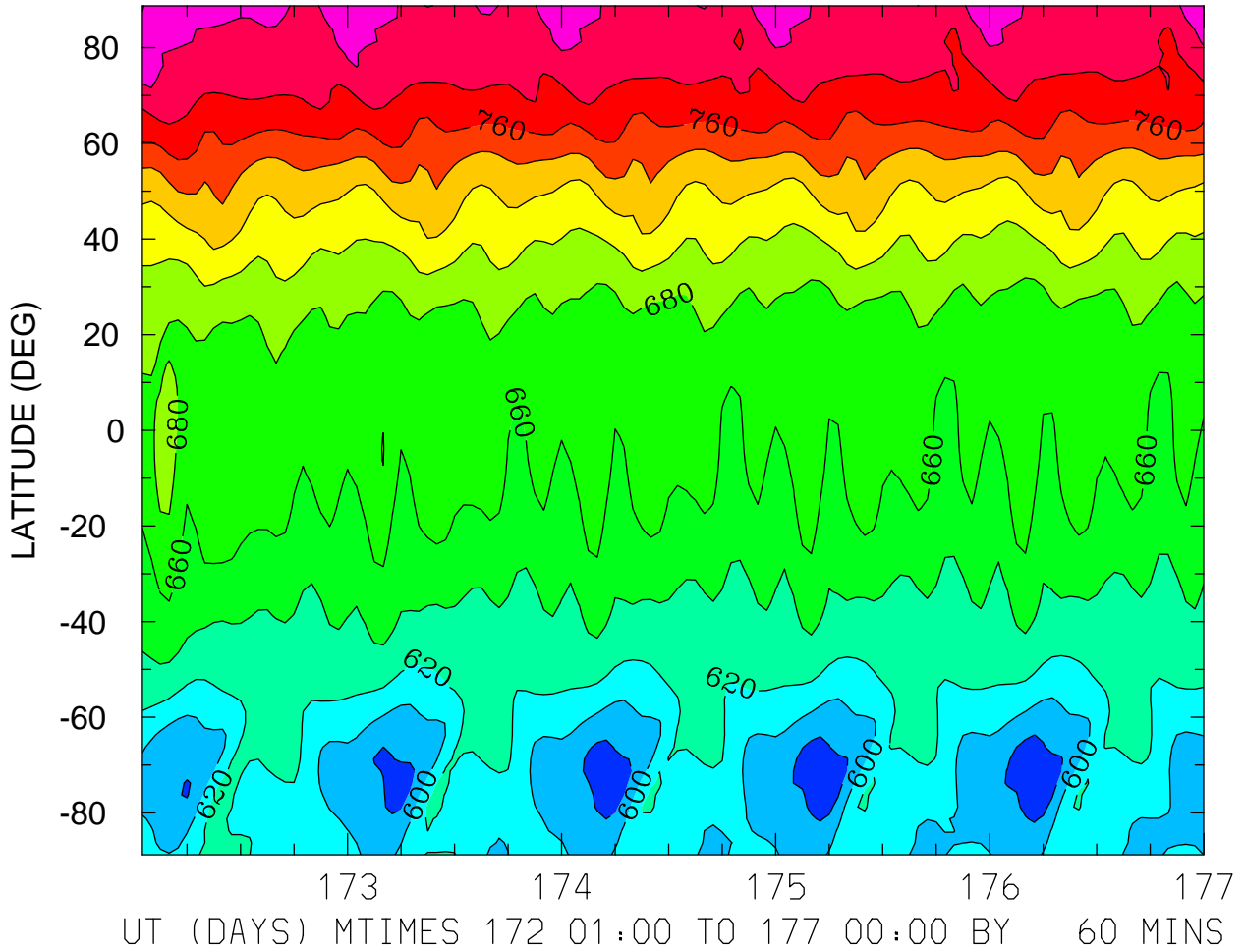
MIN,MAX= 5.6997E+02 7.8757E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

NEUTRAL TEMPERATURE (DEG K)  
ZP = 0.000 ZONAL MEANS



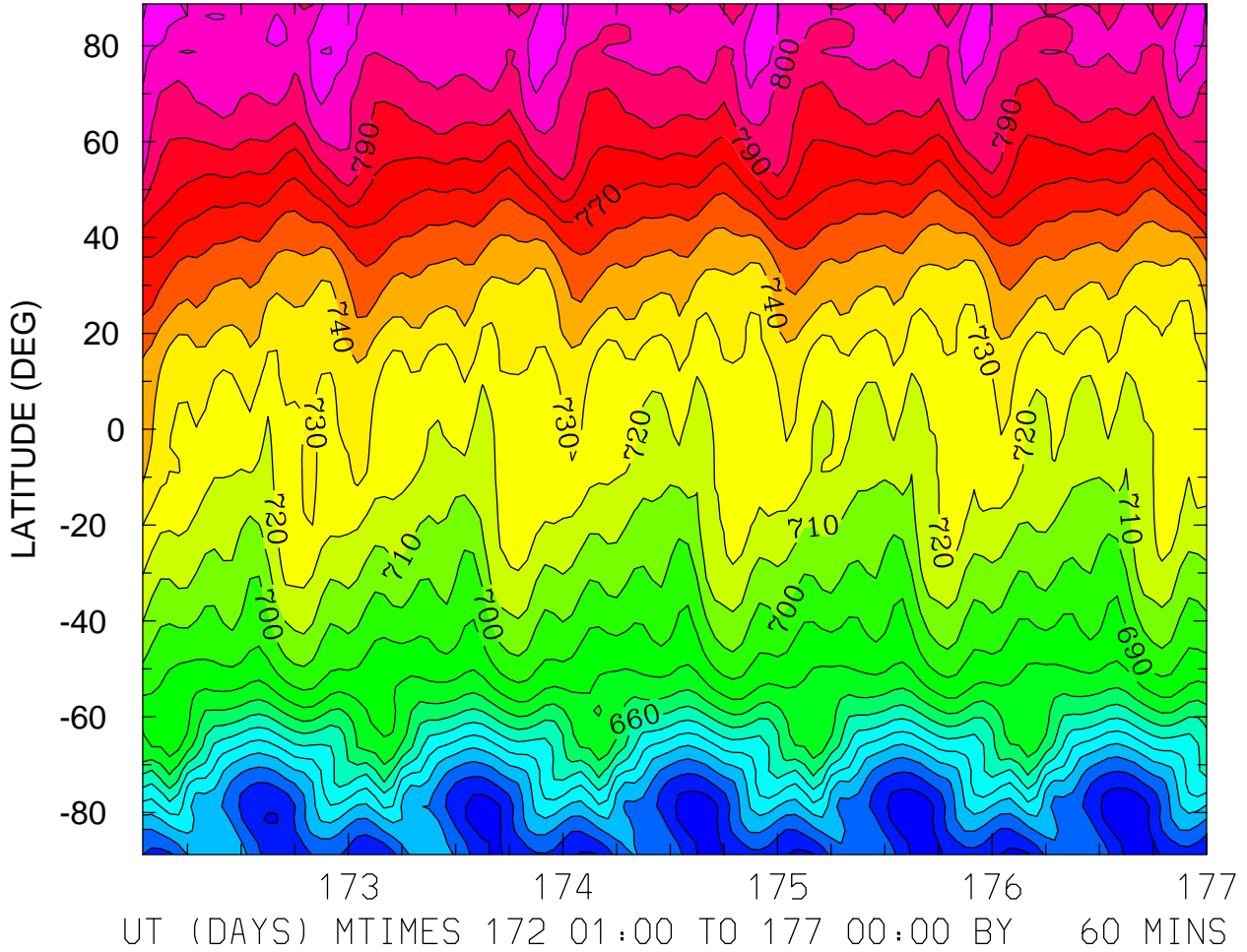
MIN,MAX= 5.7135E+02 7.8183E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



MIN,MAX= 5.7030E+02 8.2060E+02 INTERVAL= 2.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

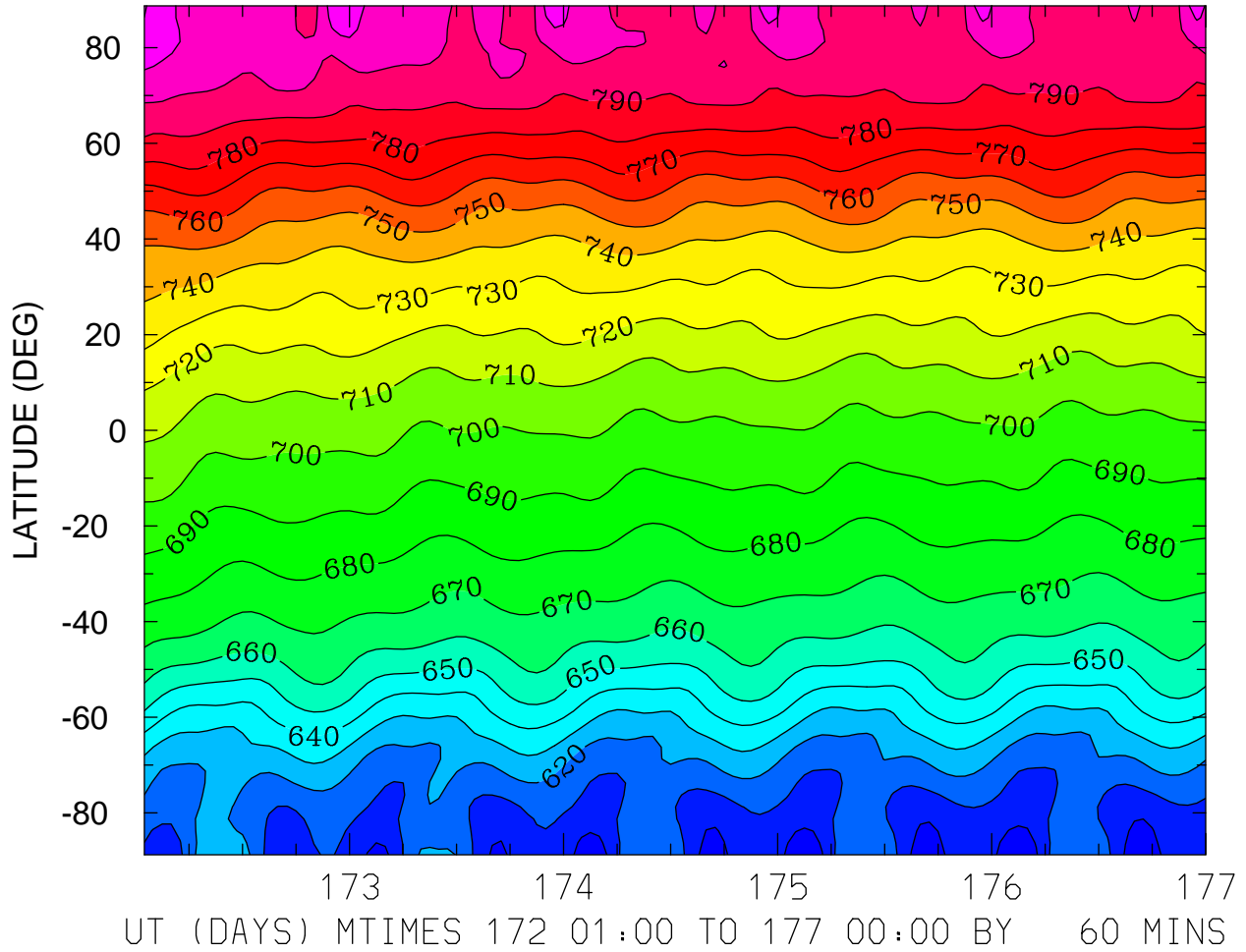
NEUTRAL TEMPERATURE (DEG K)  
ZP = 4.000 LOCAL TIME = 12.00



MIN,MAX= 5.9143E+02 8.2096E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

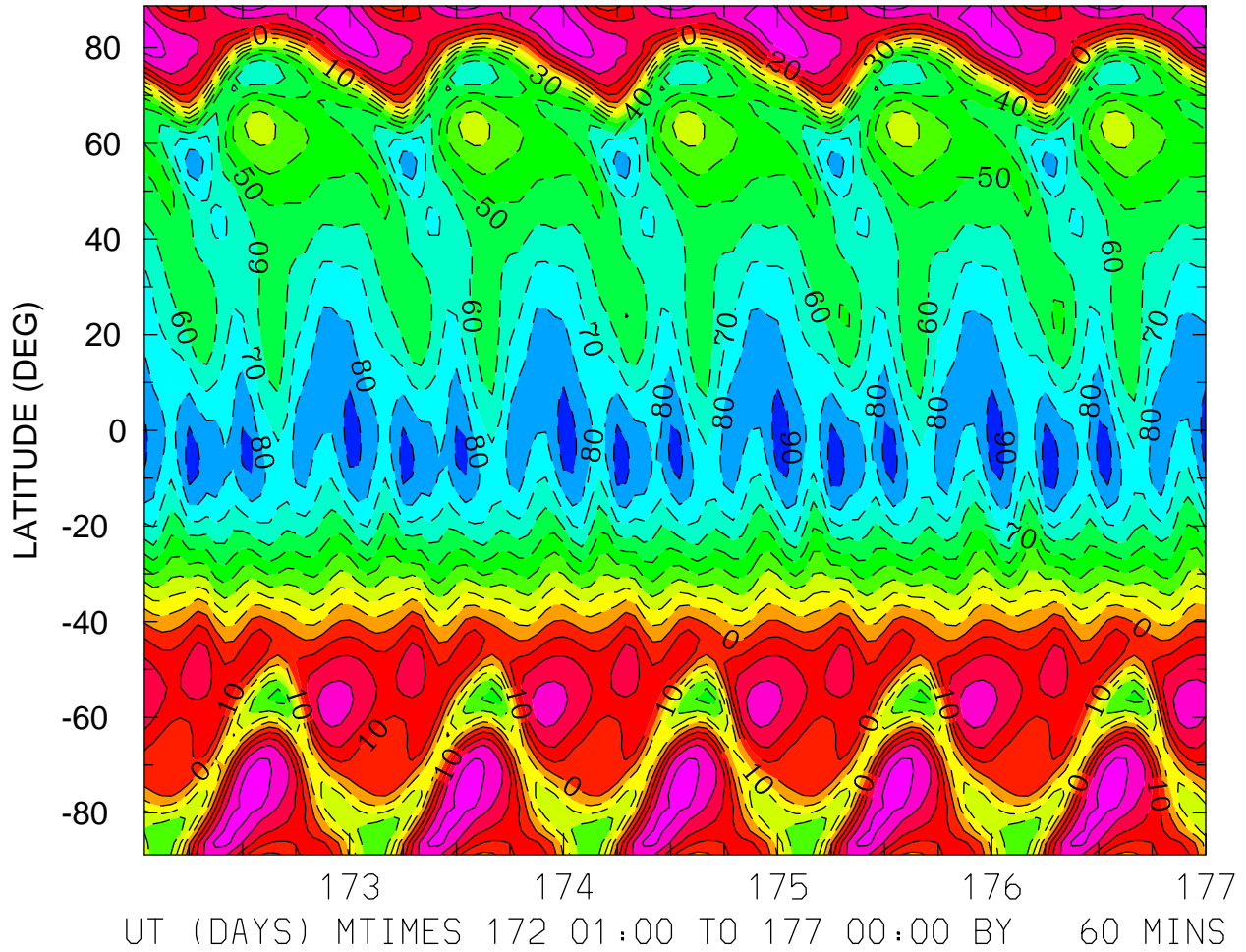


NEUTRAL TEMPERATURE (DEG K)  
ZP = 4.000 ZONAL MEANS



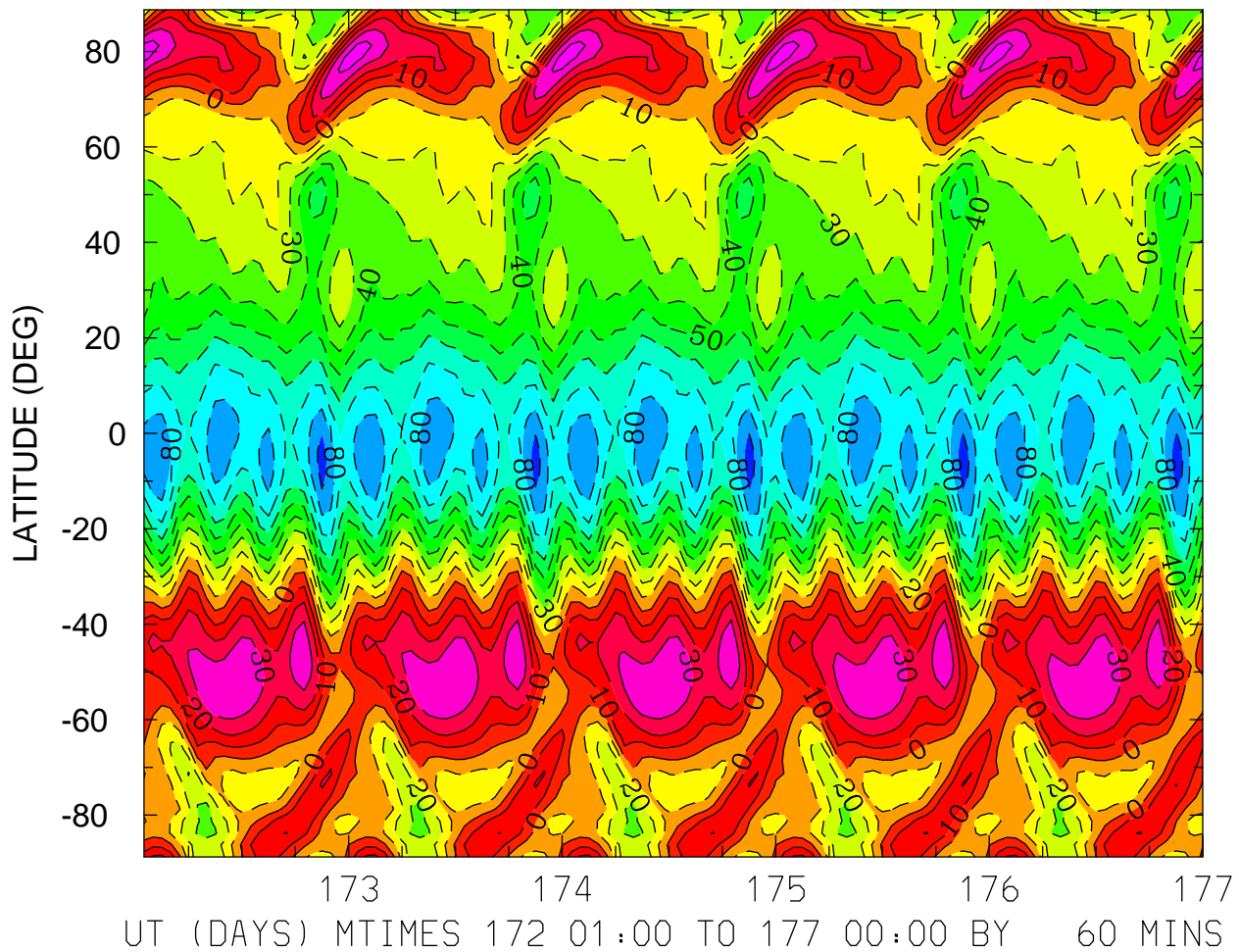
MIN,MAX= 5.9462E+02 8.2078E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



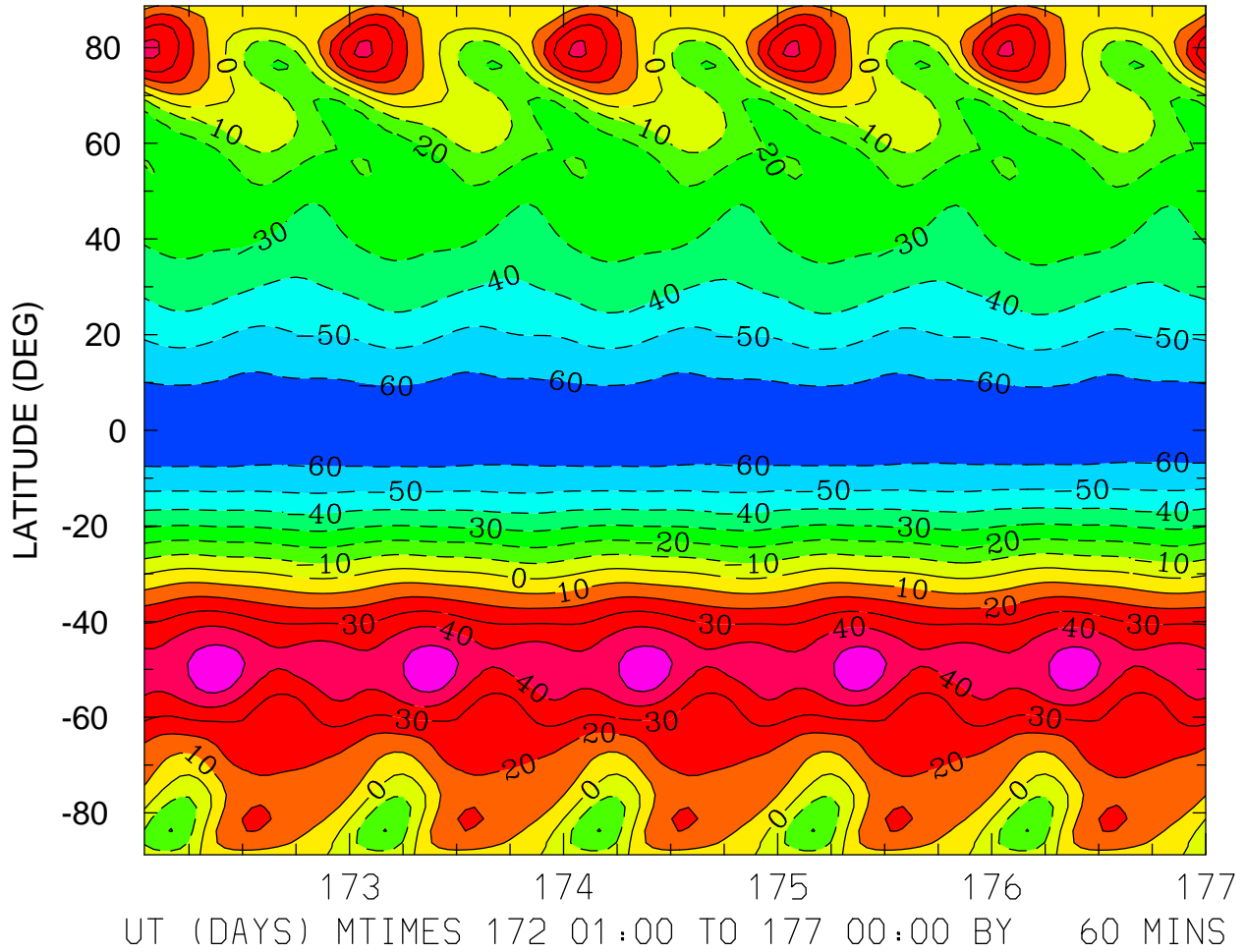
MIN,MAX= -9.5210E+01 4.8591E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



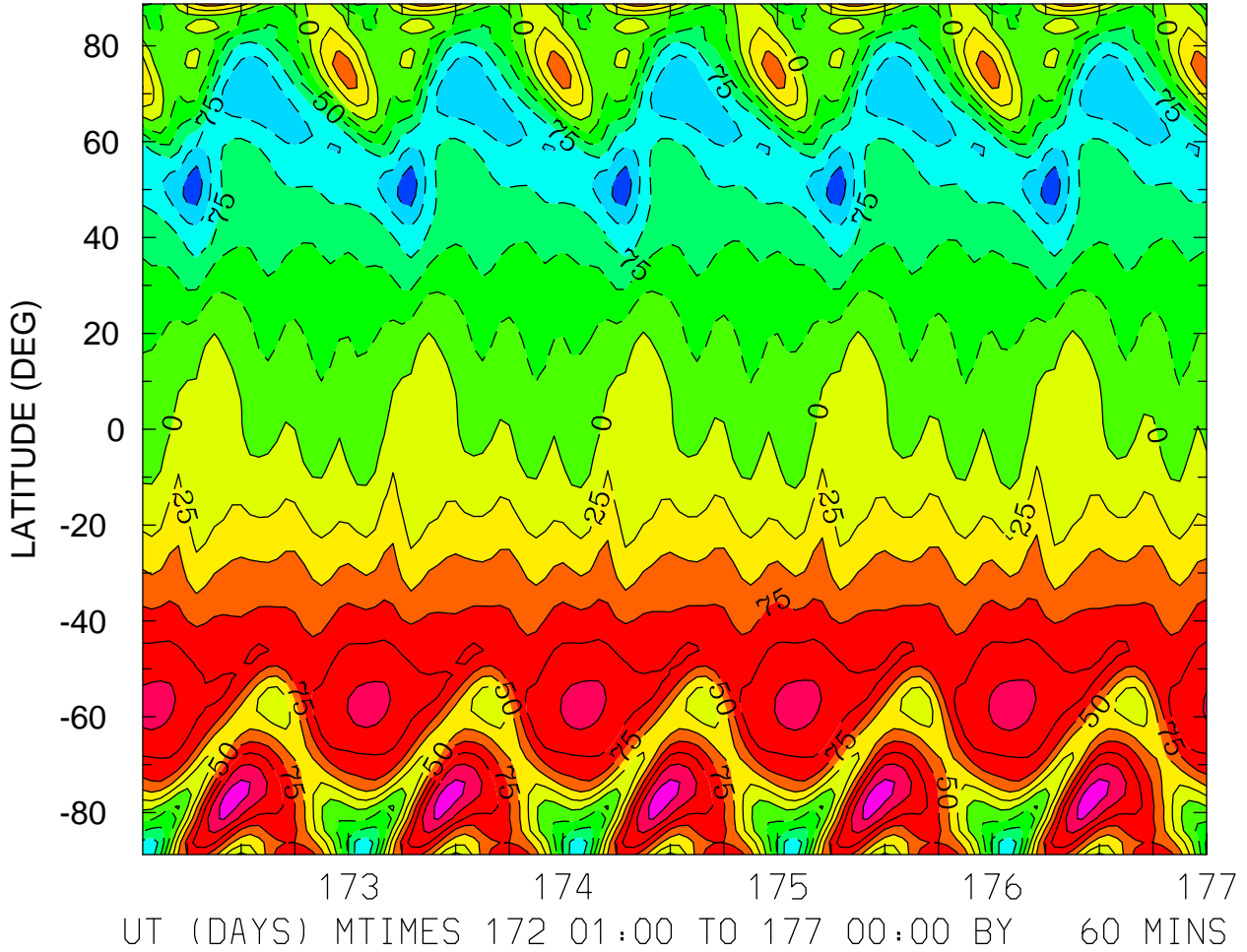
MIN,MAX= -9.5192E+01 4.5068E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



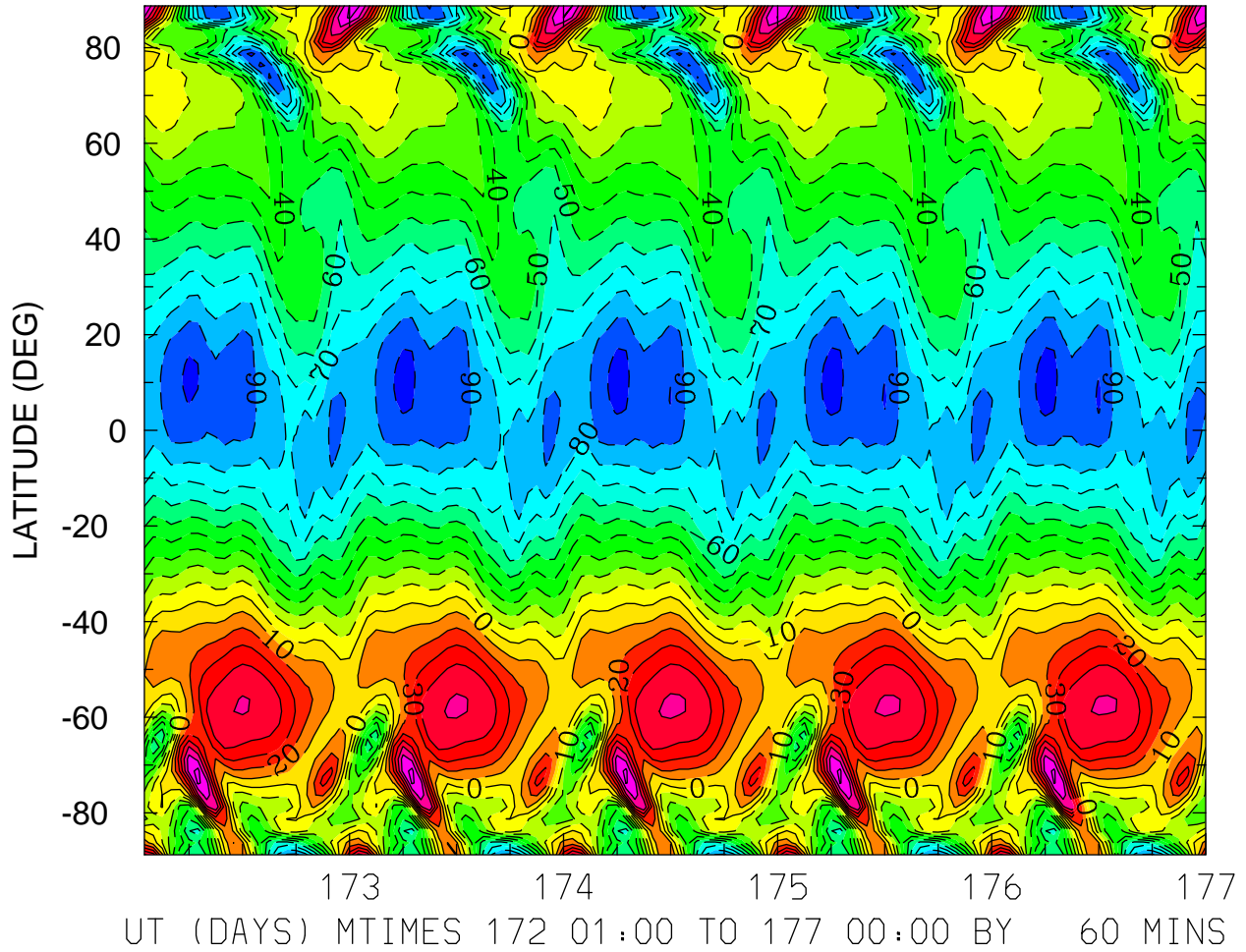
MIN,MAX= -6.6092E+01 5.7106E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



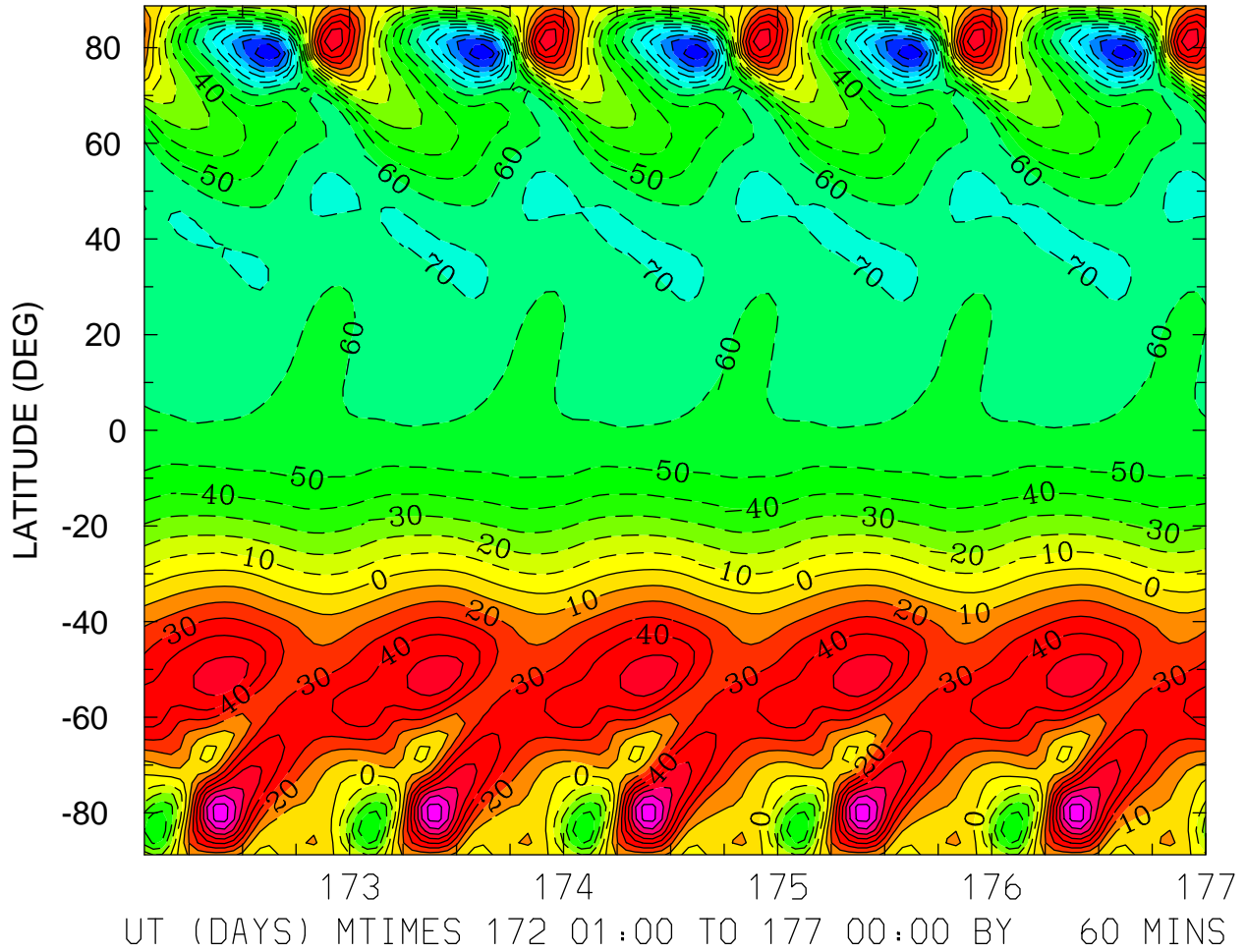
MIN,MAX= -1.3821E+02 1.6408E+02 INTERVAL= 2.5000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



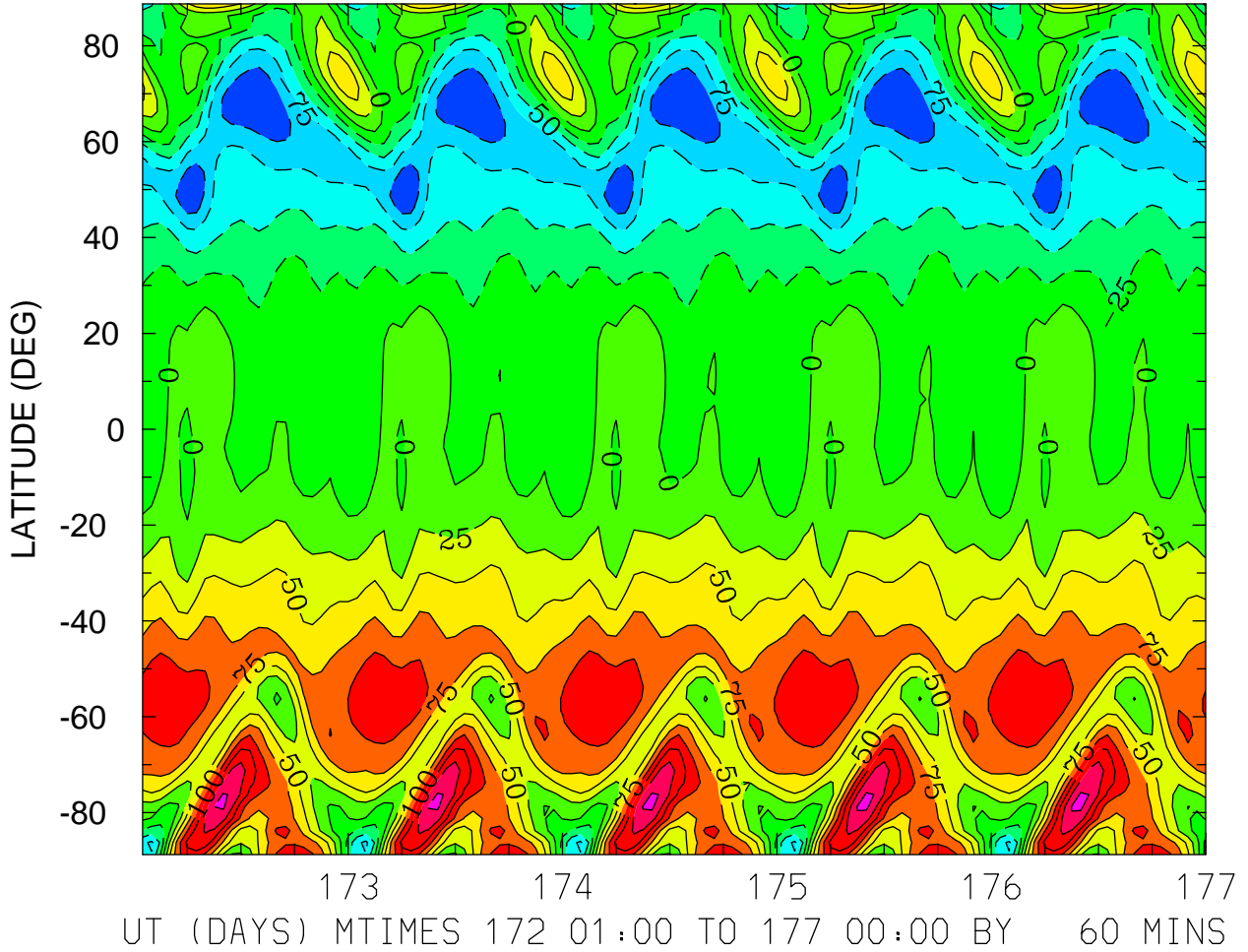
MIN,MAX= -1.0331E+02 7.4088E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



MIN,MAX= -1.2785E+02 8.3854E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

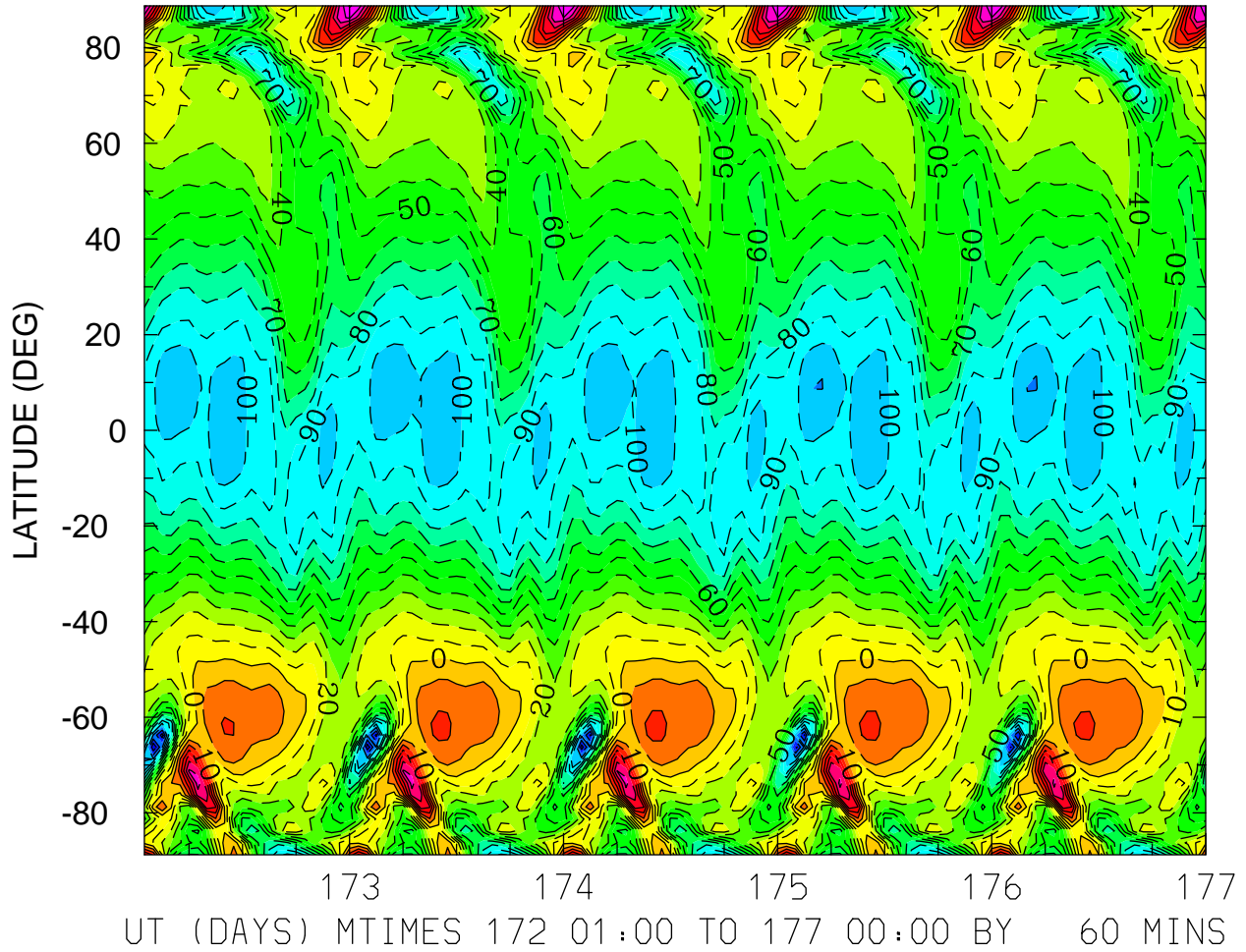
NEUTRAL ZONAL WIND (M/S)  
ZP = 4.000 LOCAL TIME = 0.00



MIN,MAX= -1.2205E+02 1.8164E+02 INTERVAL= 2.5000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

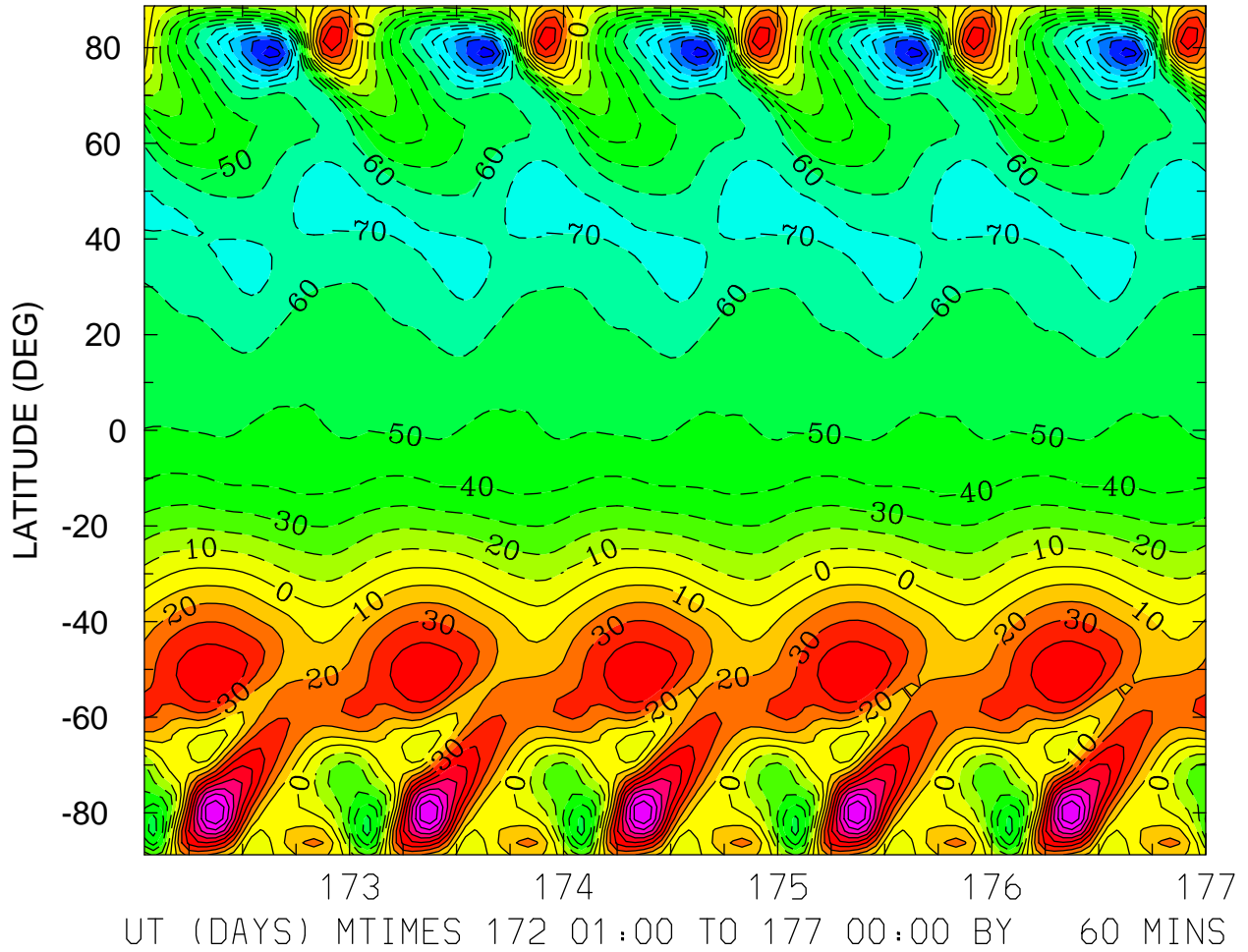


NEUTRAL ZONAL WIND (M/S)  
ZP = 4.000 LOCAL TIME = 12.00



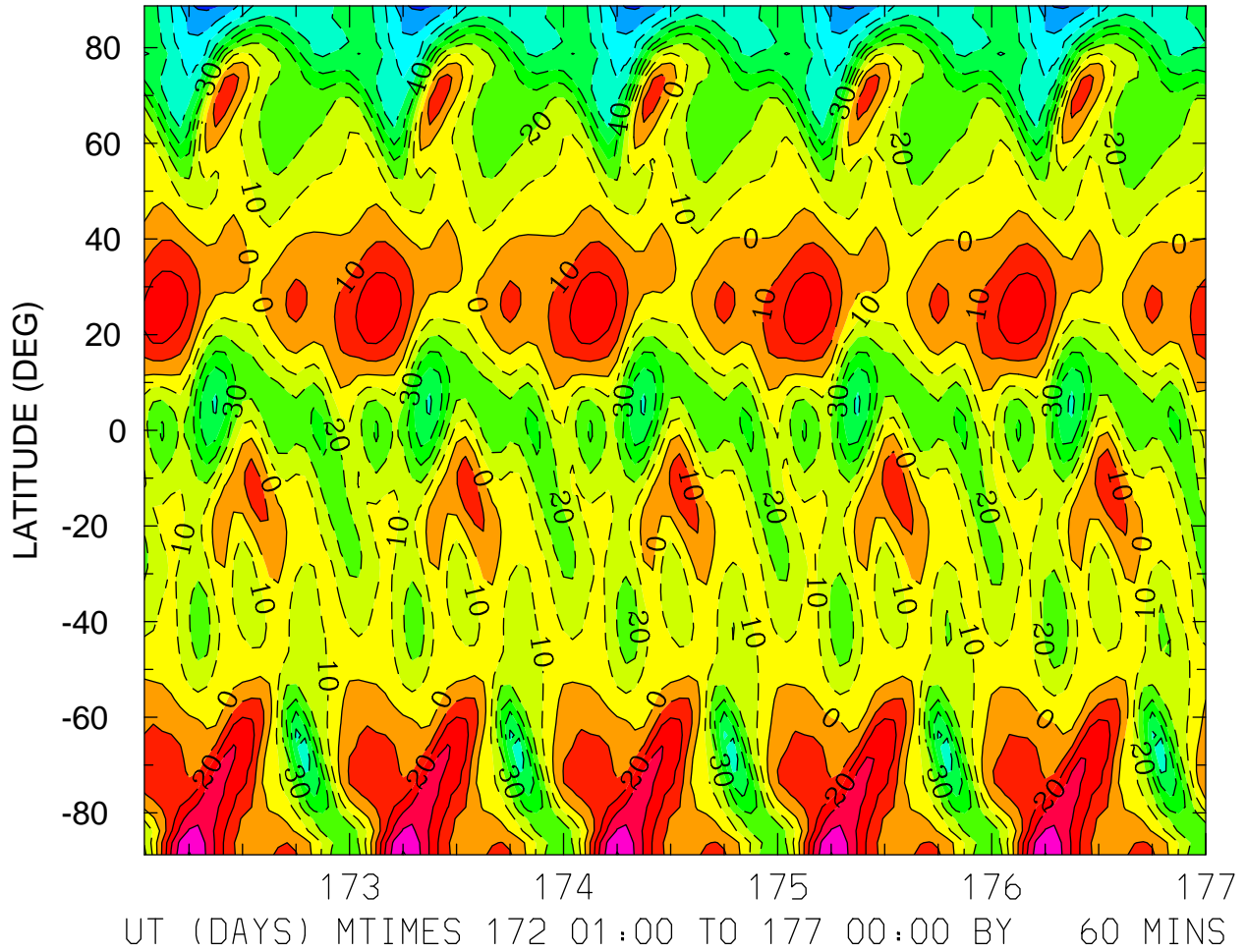
MIN,MAX= -1.3923E+02 8.1153E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



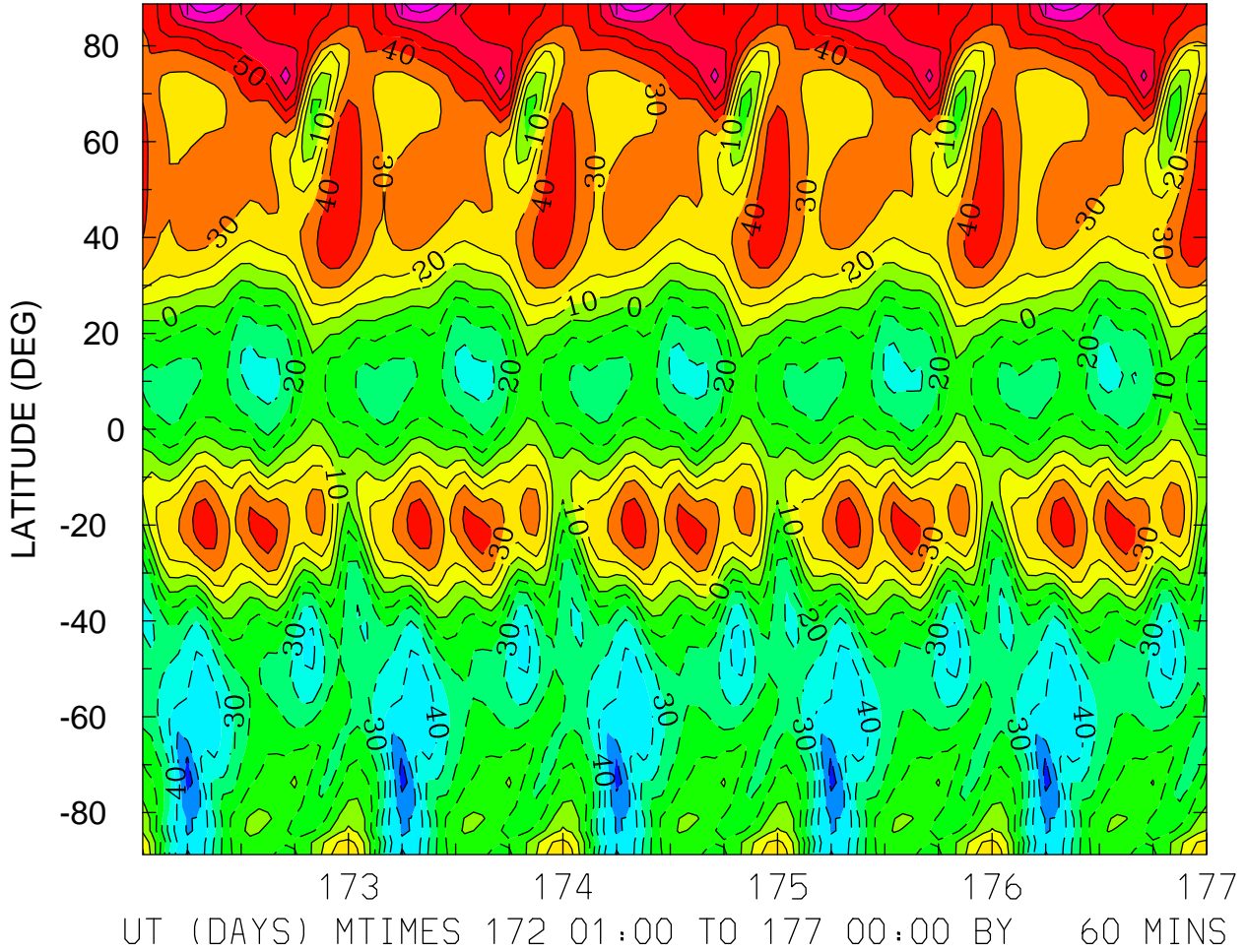
MIN,MAX= -1.2494E+02 9.9374E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



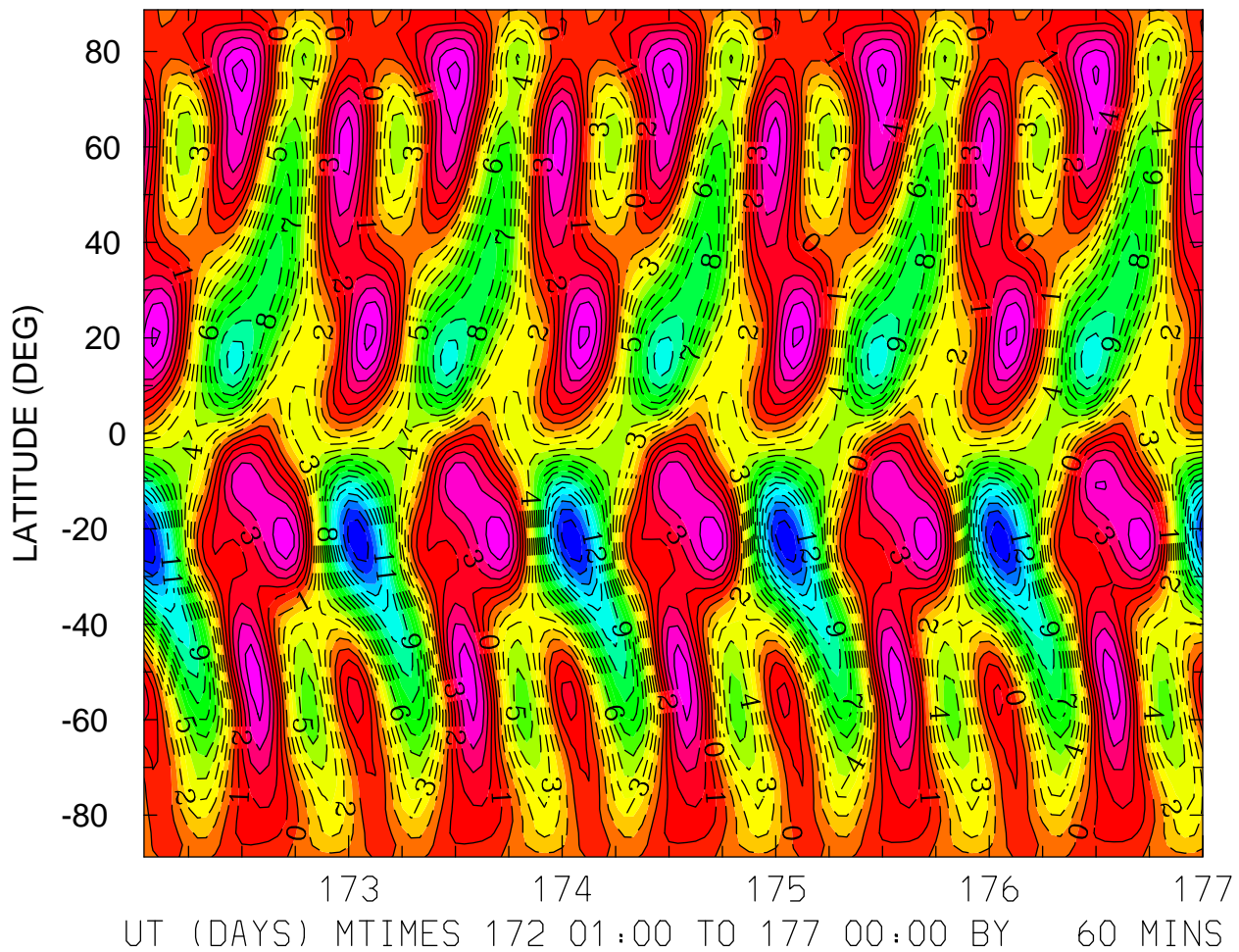
MIN,MAX= -8.3425E+01 5.0763E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



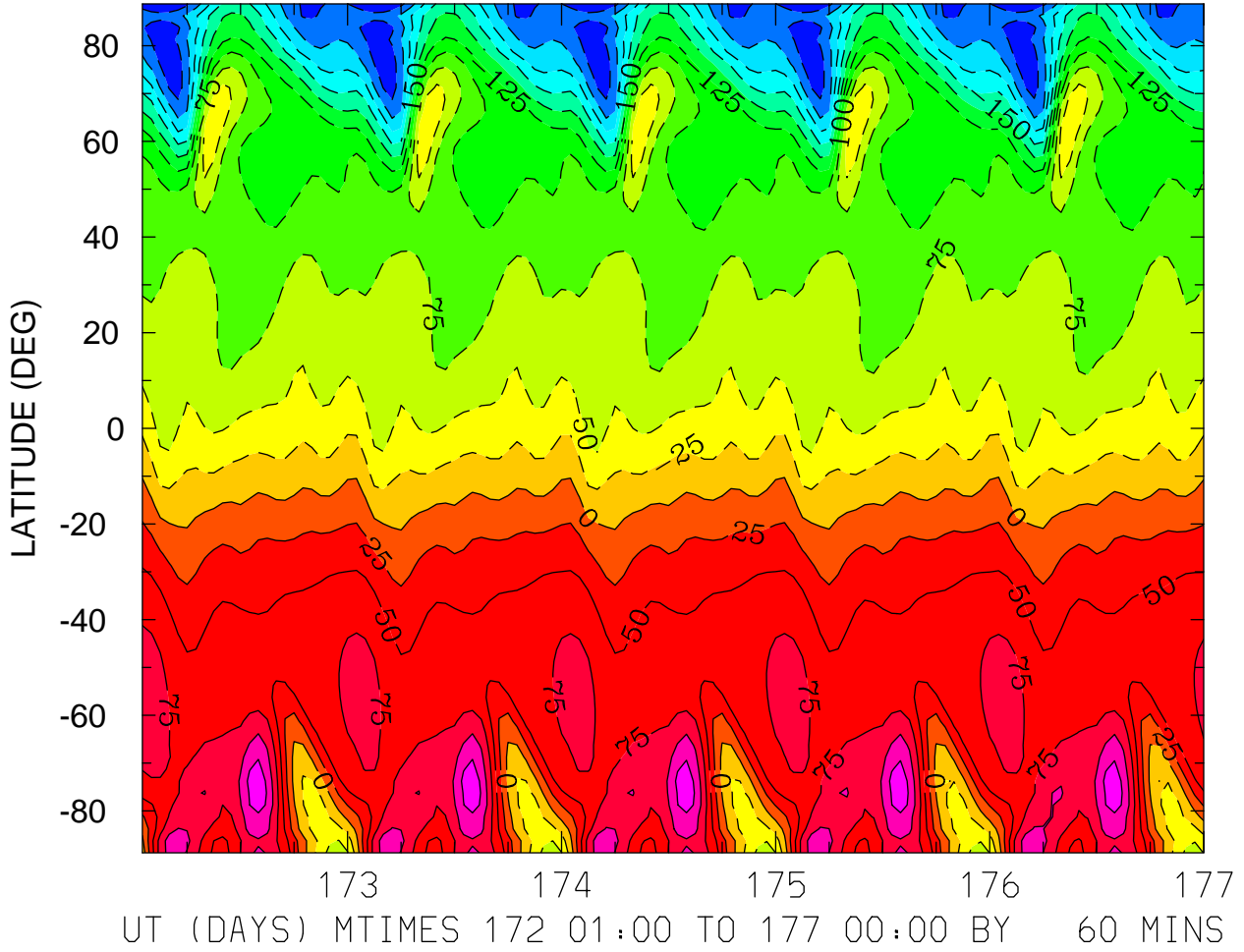
MIN,MAX= -6.4054E+01 8.6401E+01 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



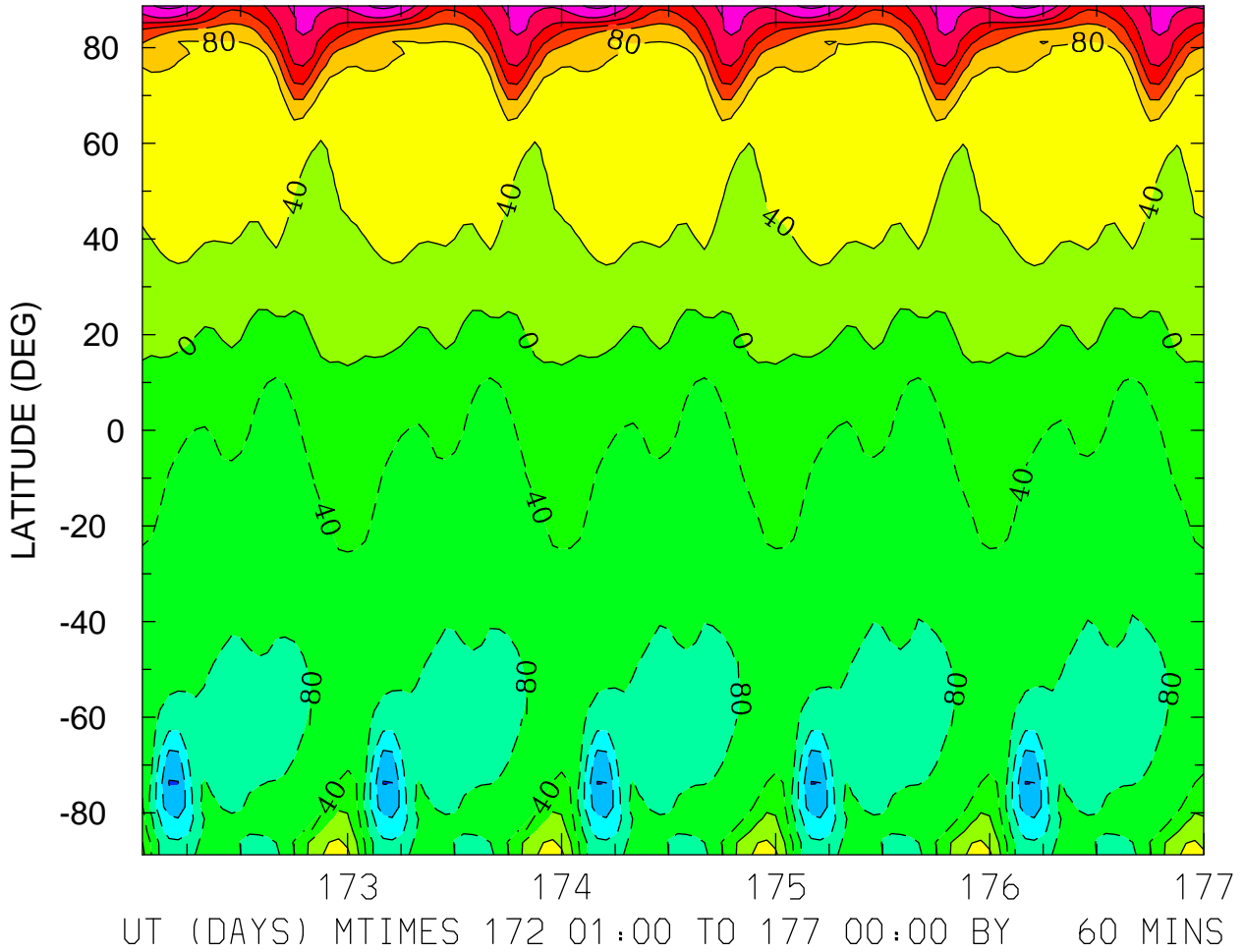
MIN,MAX= -1.5931E+01 6.3758E+00 INTERVAL= 1.0000E+00  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



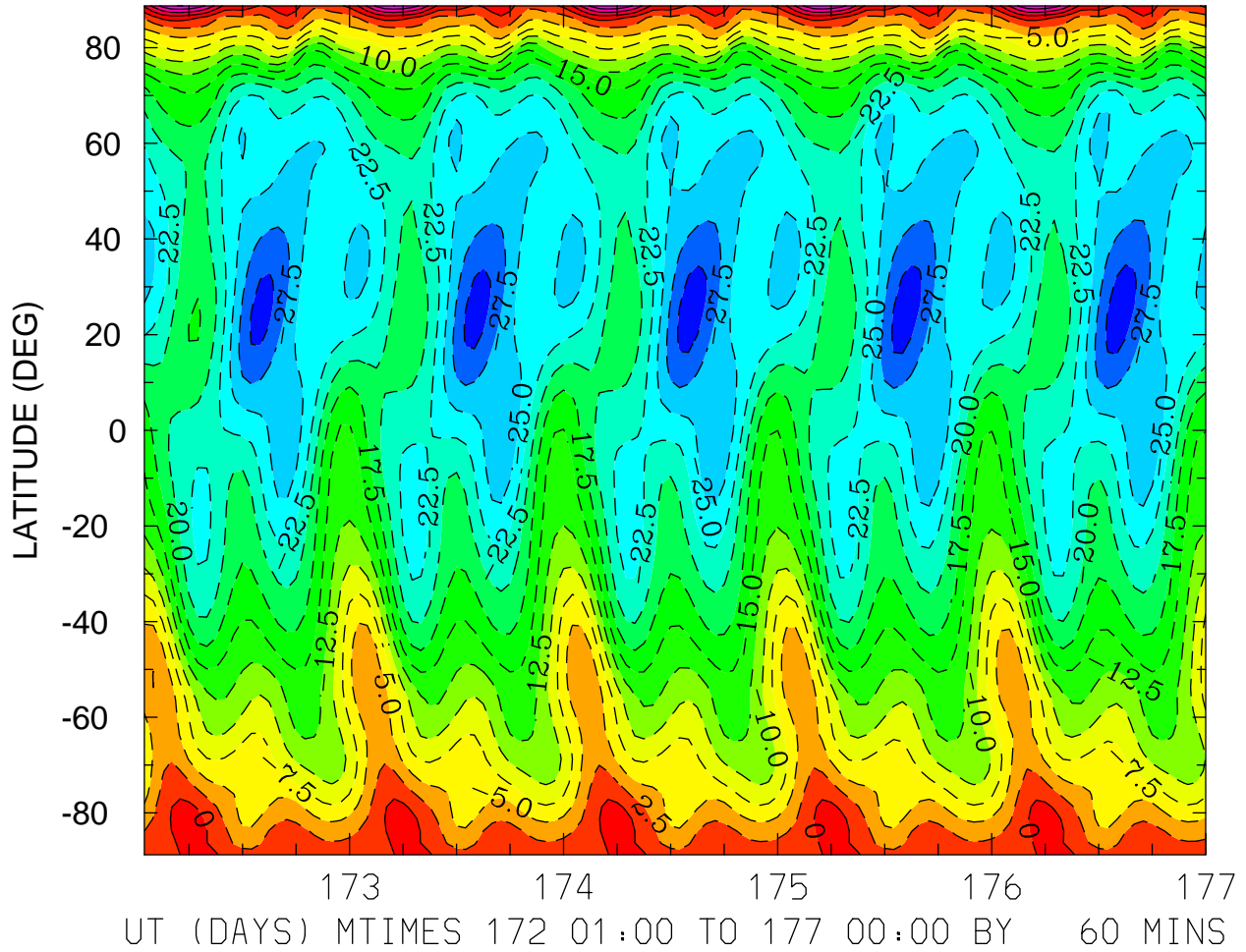
MIN,MAX= -2.7468E+02 1.3981E+02 INTERVAL= 2.5000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



MIN,MAX= -2.0291E+02 2.9220E+02 INTERVAL= 4.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

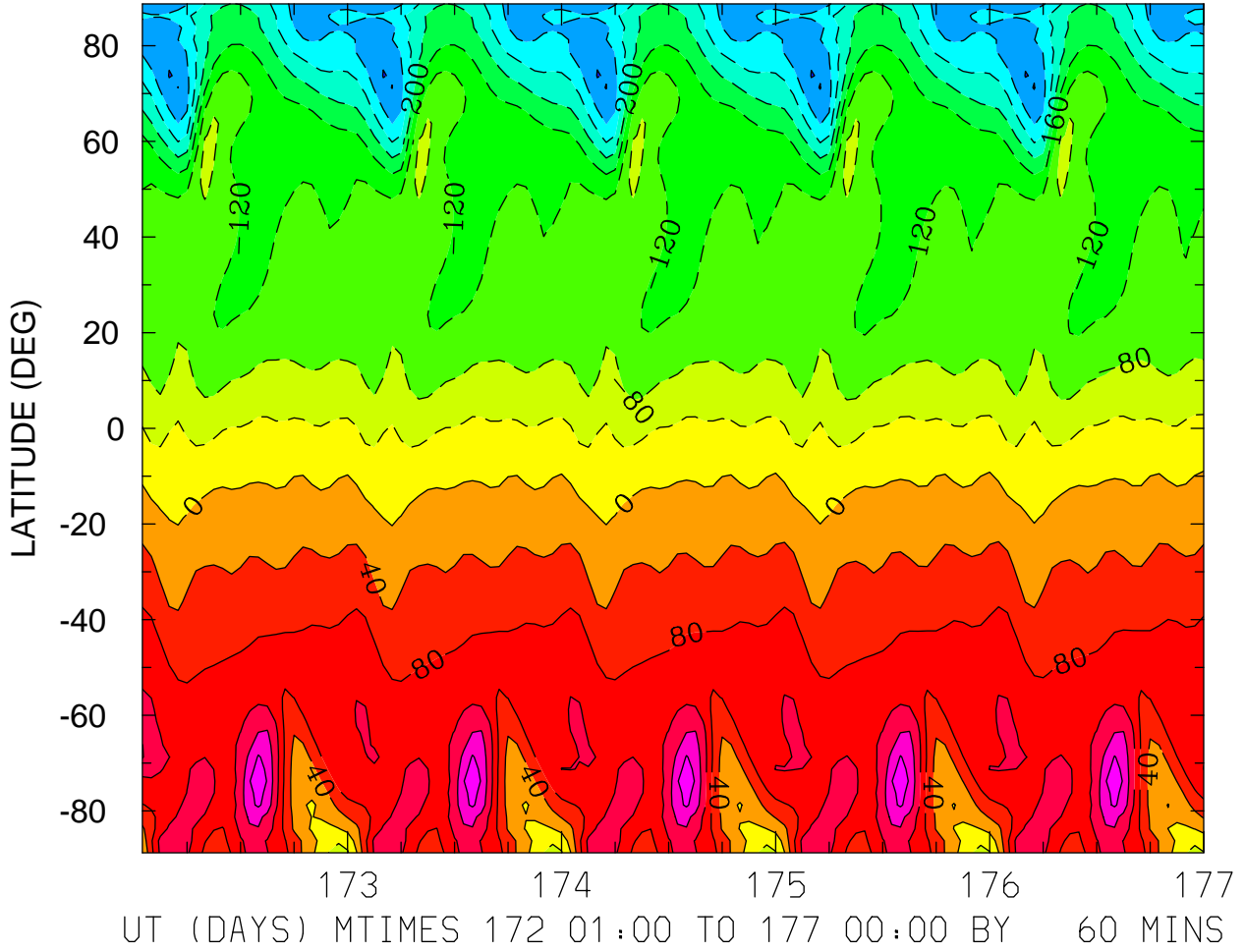
NEUTRAL MERIDIONAL WIND (M/S)  
ZP = 0.000 ZONAL MEANS



MIN,MAX= -3.1266E+01 1.0120E+01 INTERVAL= 2.5000E+00  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

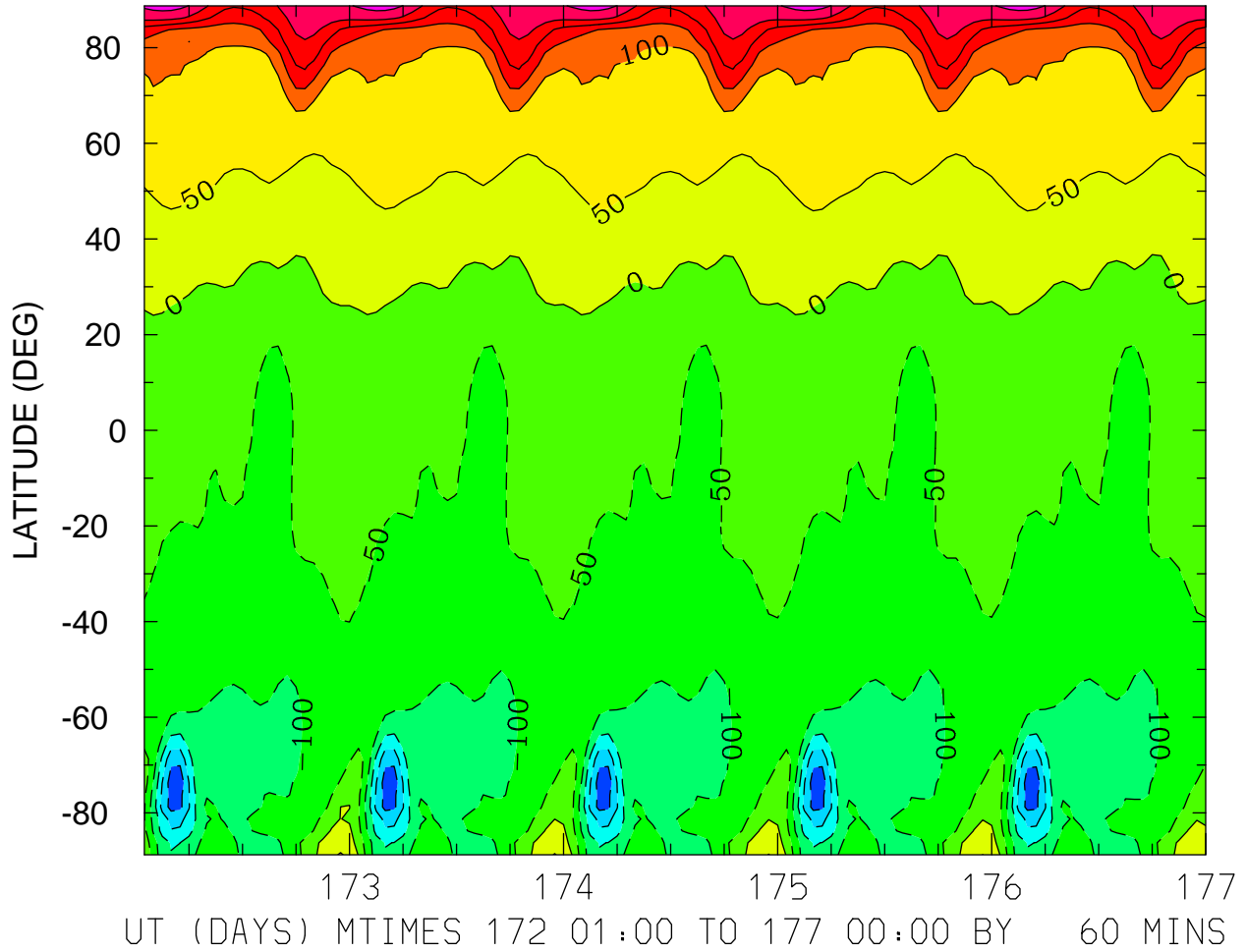


NEUTRAL MERIDIONAL WIND (M/S)  
ZP = 4.000 LOCAL TIME = 0.00



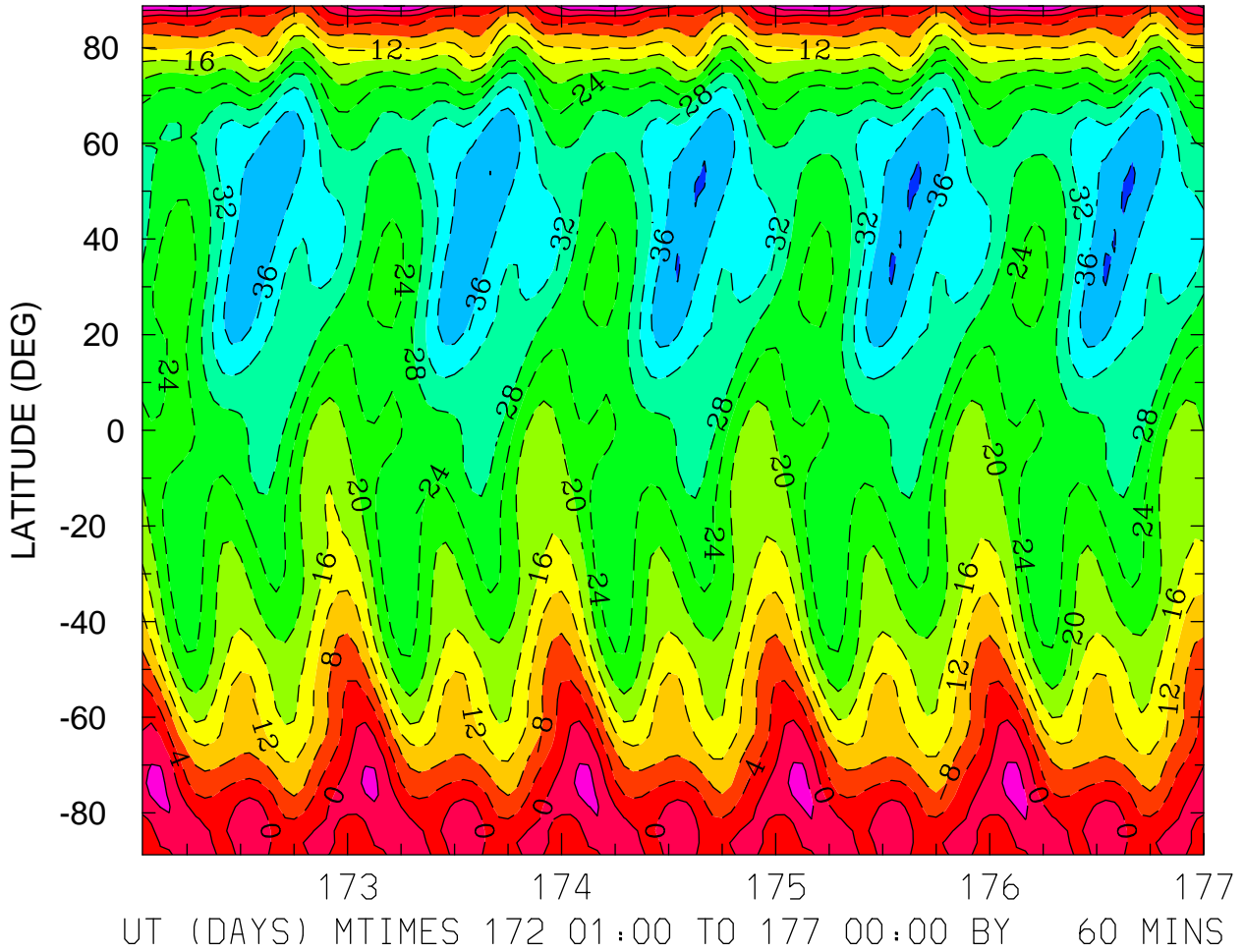
MIN,MAX= -3.2130E+02 2.2674E+02 INTERVAL= 4.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



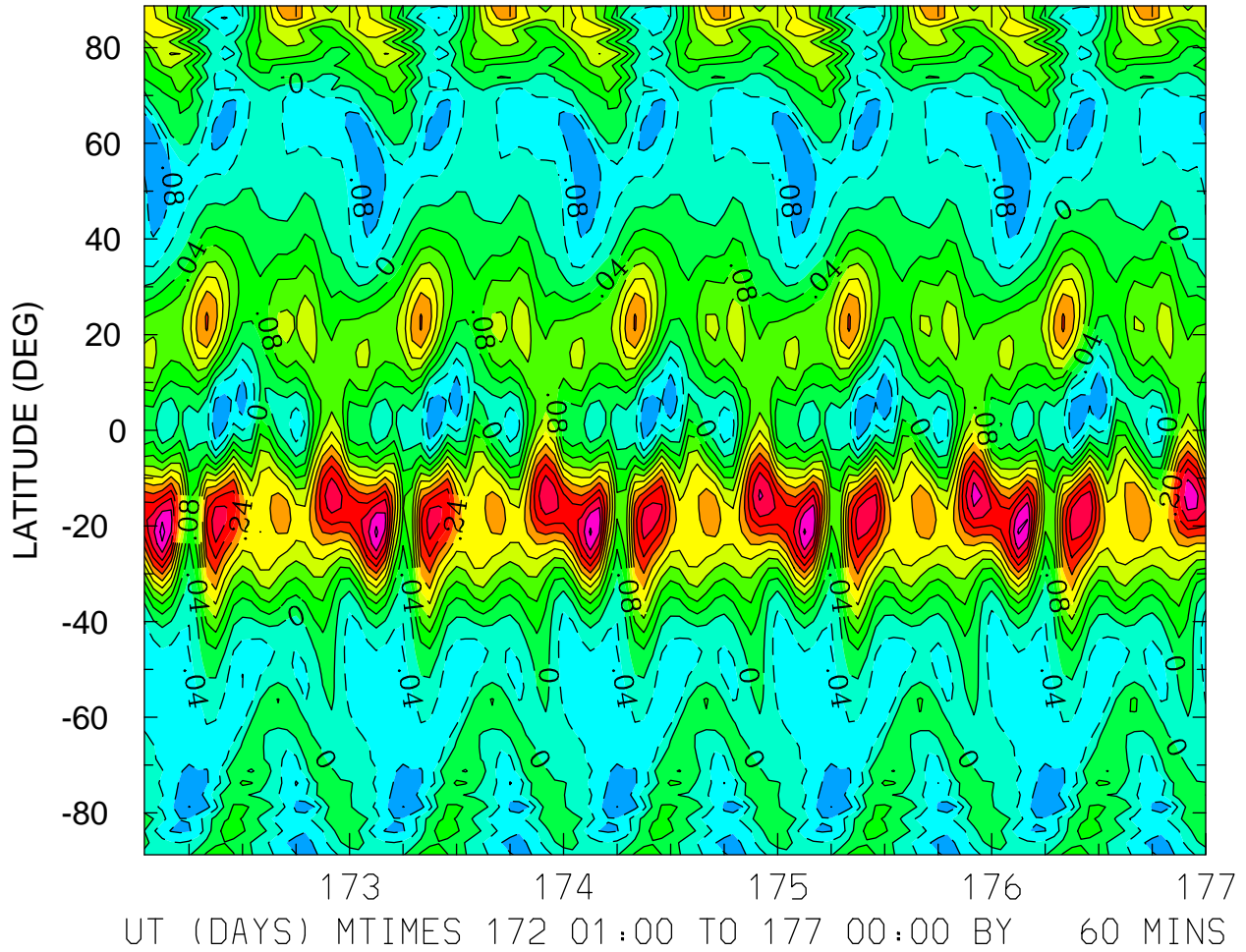
MIN,MAX= -2.8492E+02 3.2148E+02 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



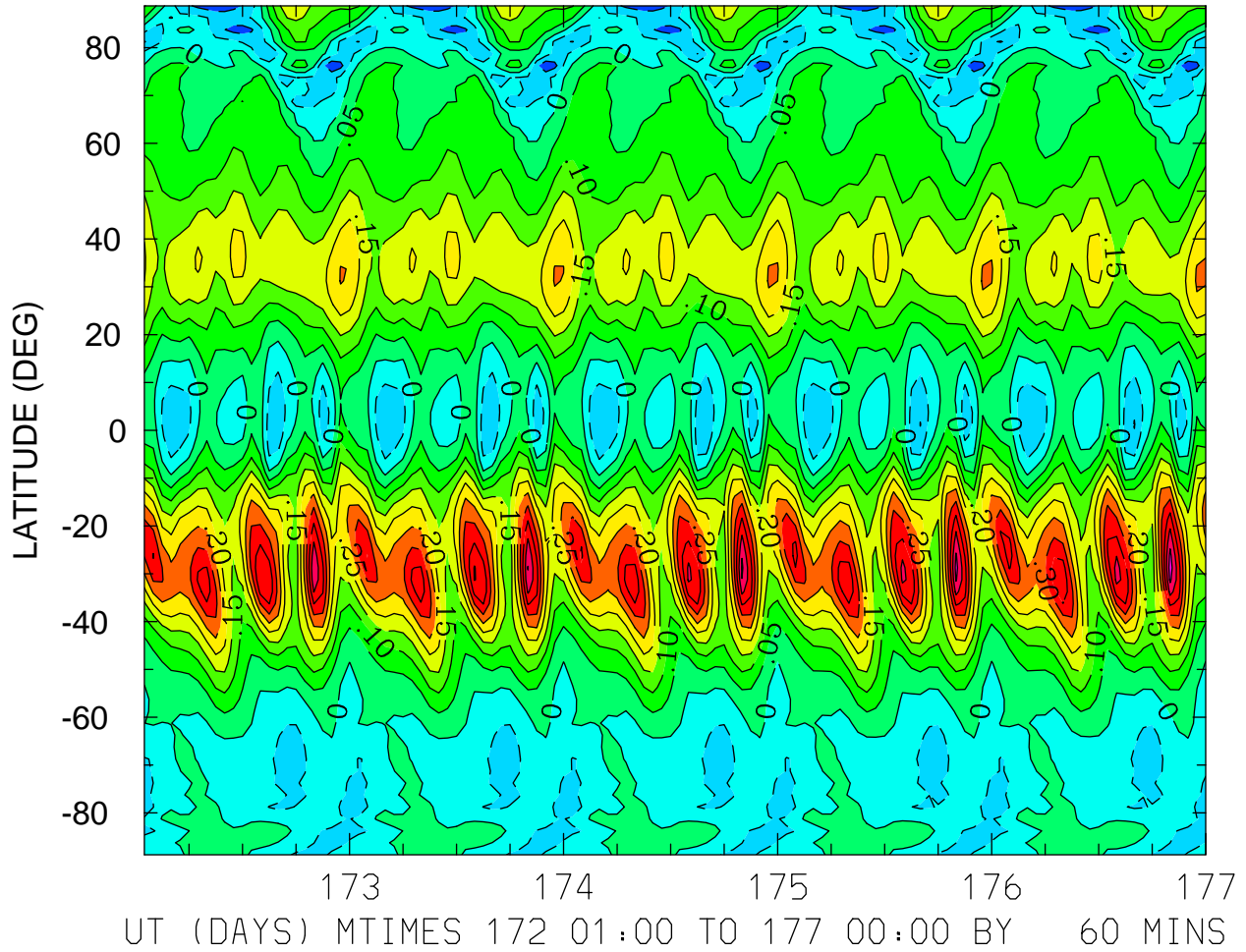
MIN,MAX= -4.0295E+01 8.4030E+00 INTERVAL= 4.0000E+00  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



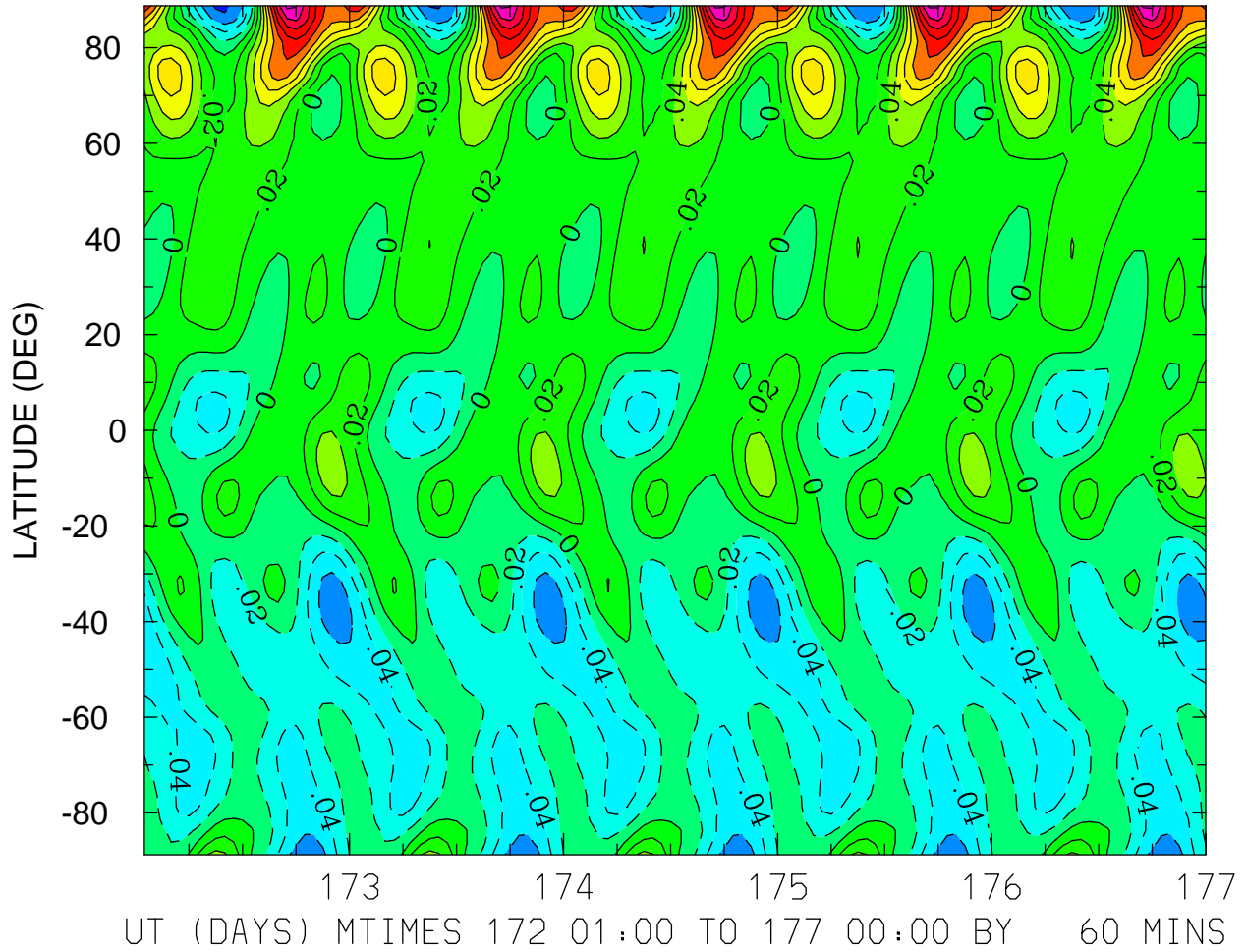
MIN,MAX= -1.2073E-01 4.1491E-01 INTERVAL= 4.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



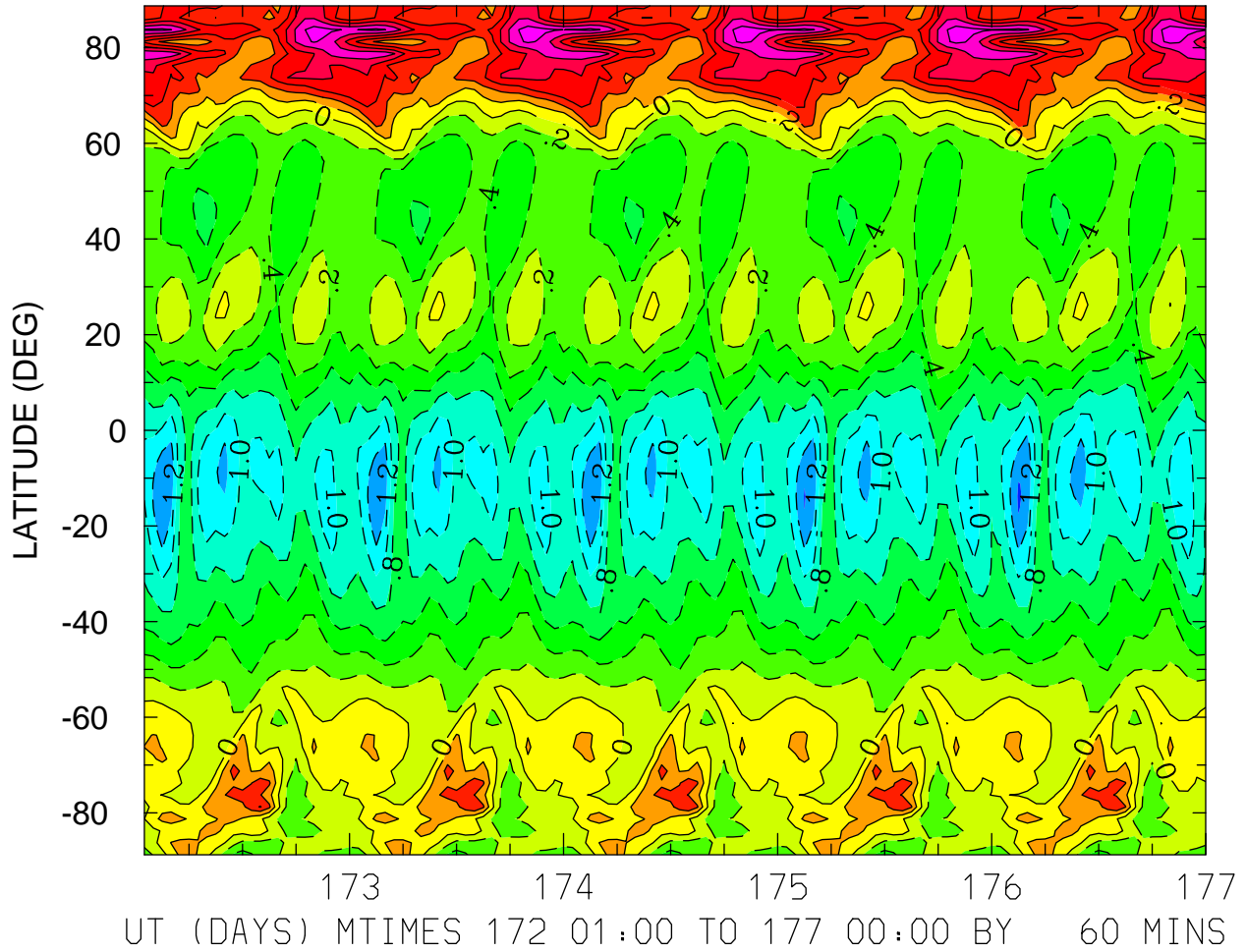
MIN,MAX= -1.4287E-01 4.7509E-01 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



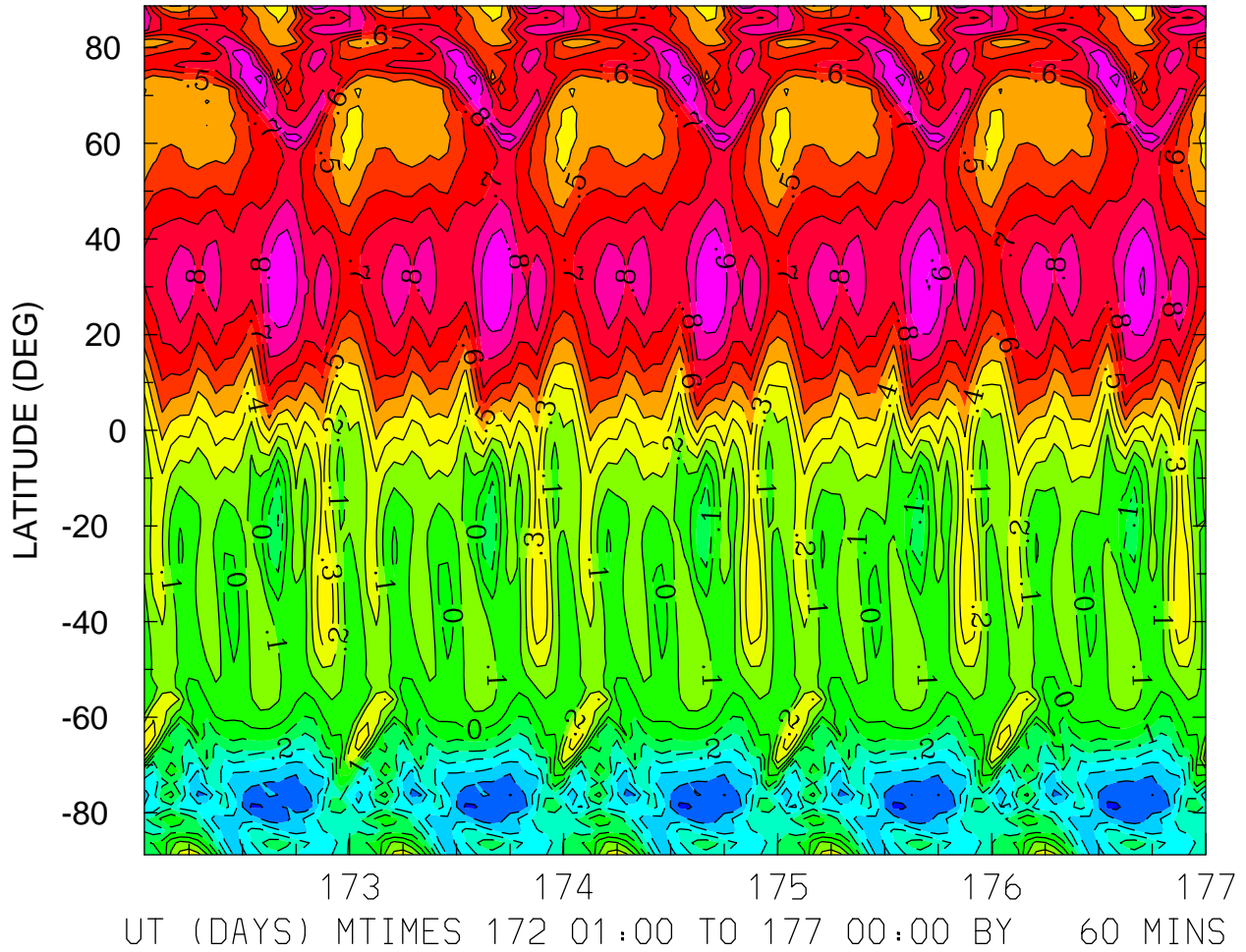
MIN,MAX= -8.4014E-02 2.0582E-01 INTERVAL= 2.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



MIN,MAX= -1.4304E+00 1.2970E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

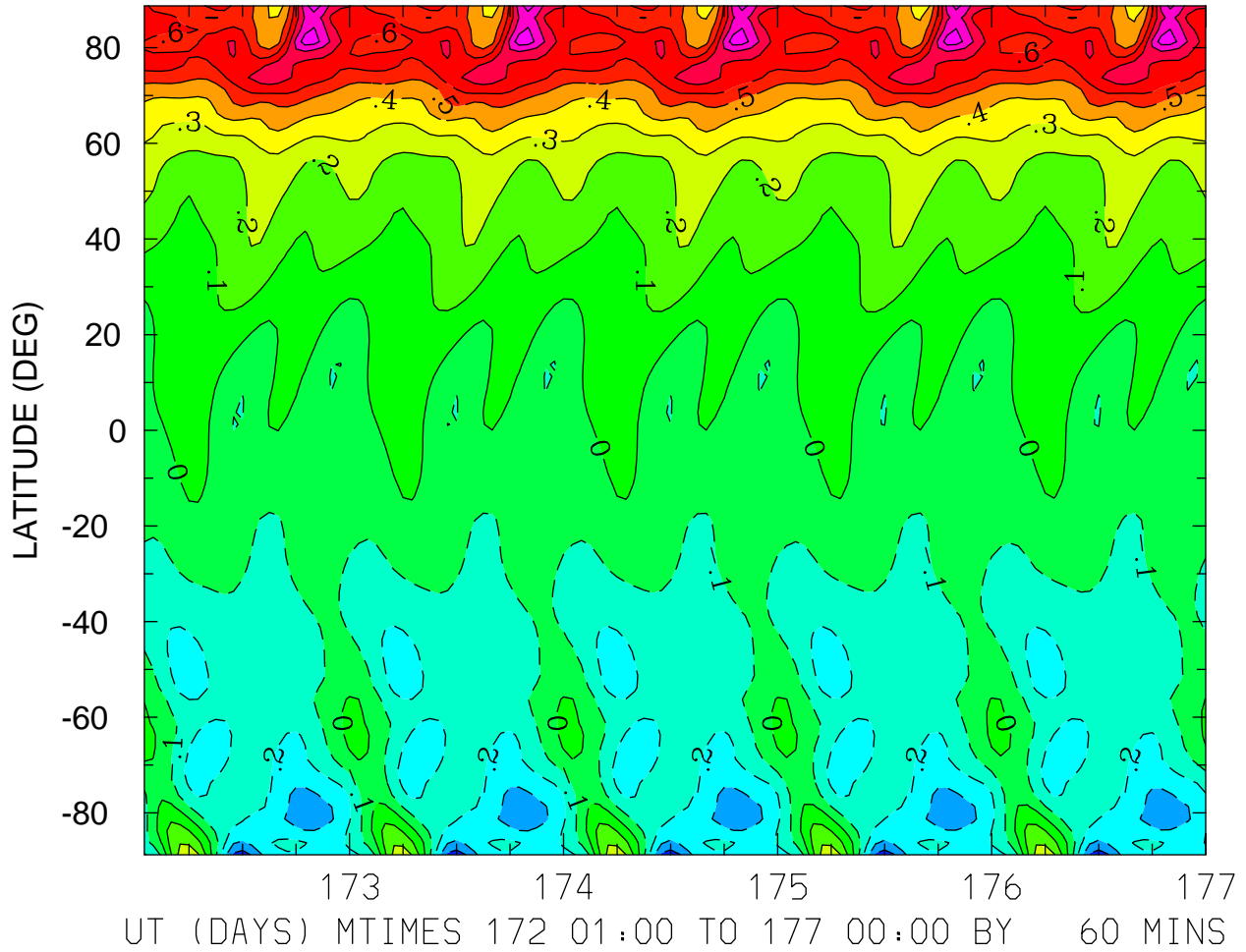
NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
ZP = 0.000 LOCAL TIME = 12.00



MIN,MAX= -6.2569E-01 1.0767E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

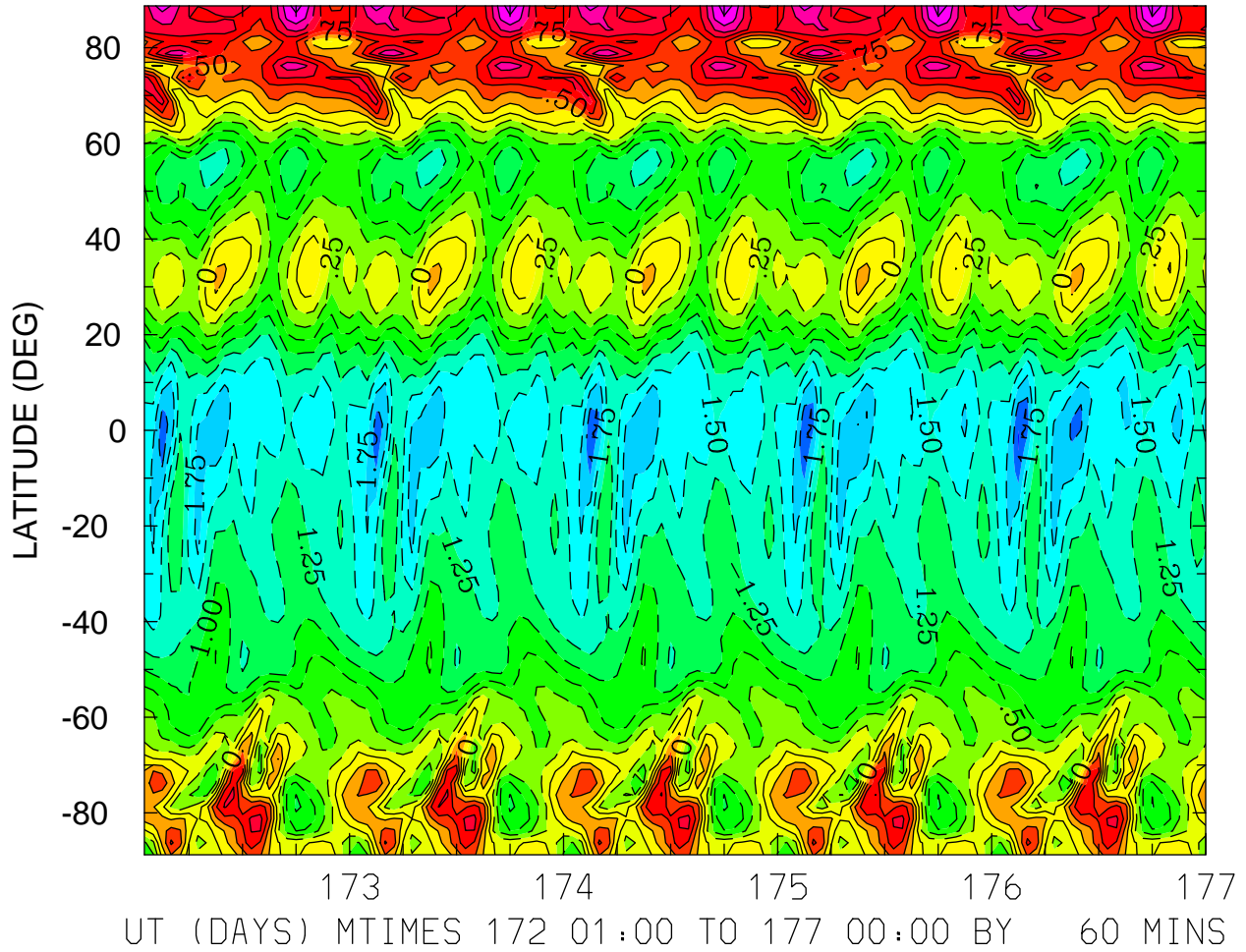


NEUTRAL VERTICAL WIND (PLUS UP) (M/S)  
ZP = 0.000 ZONAL MEANS



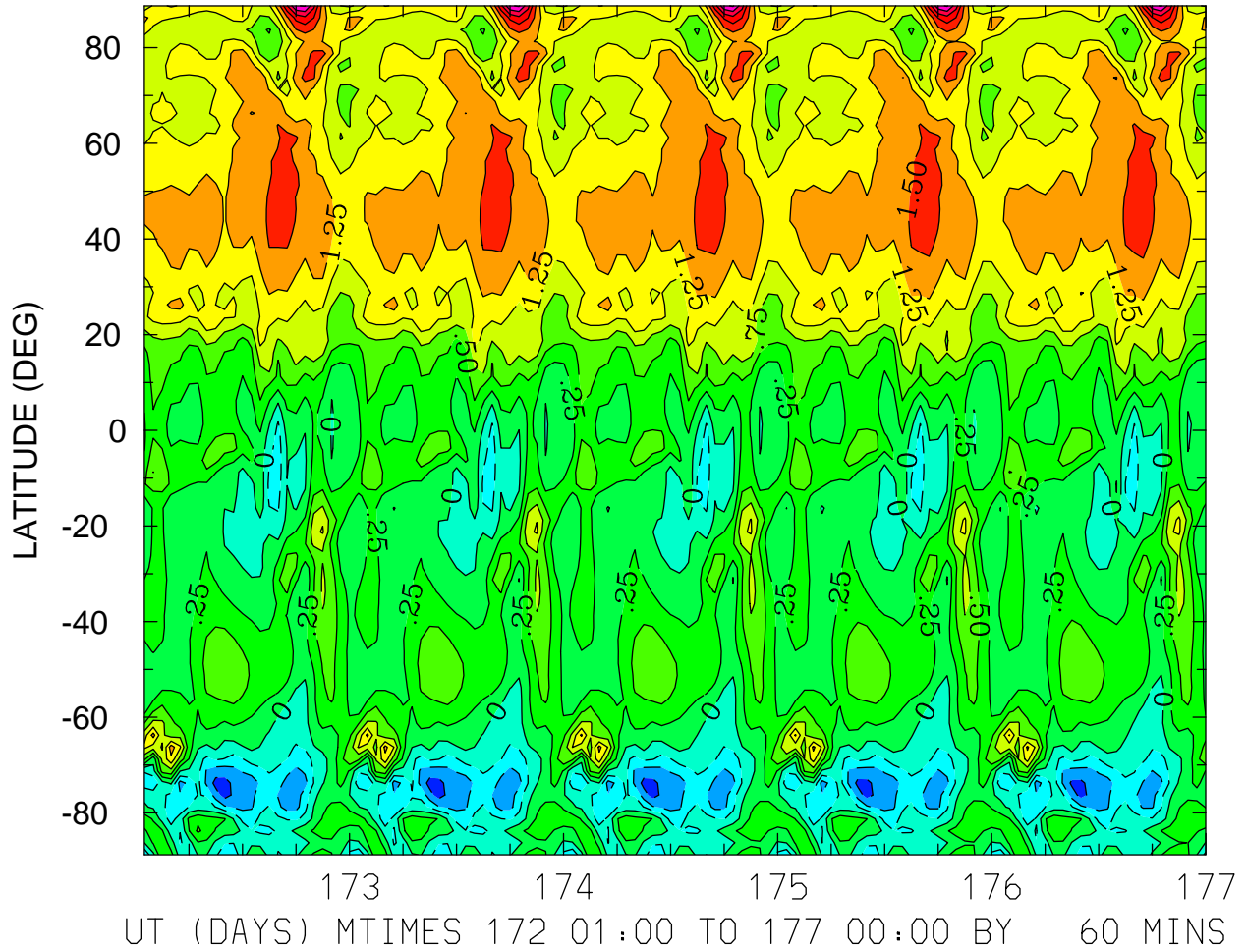
MIN,MAX= -4.5590E-01 9.5422E-01 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



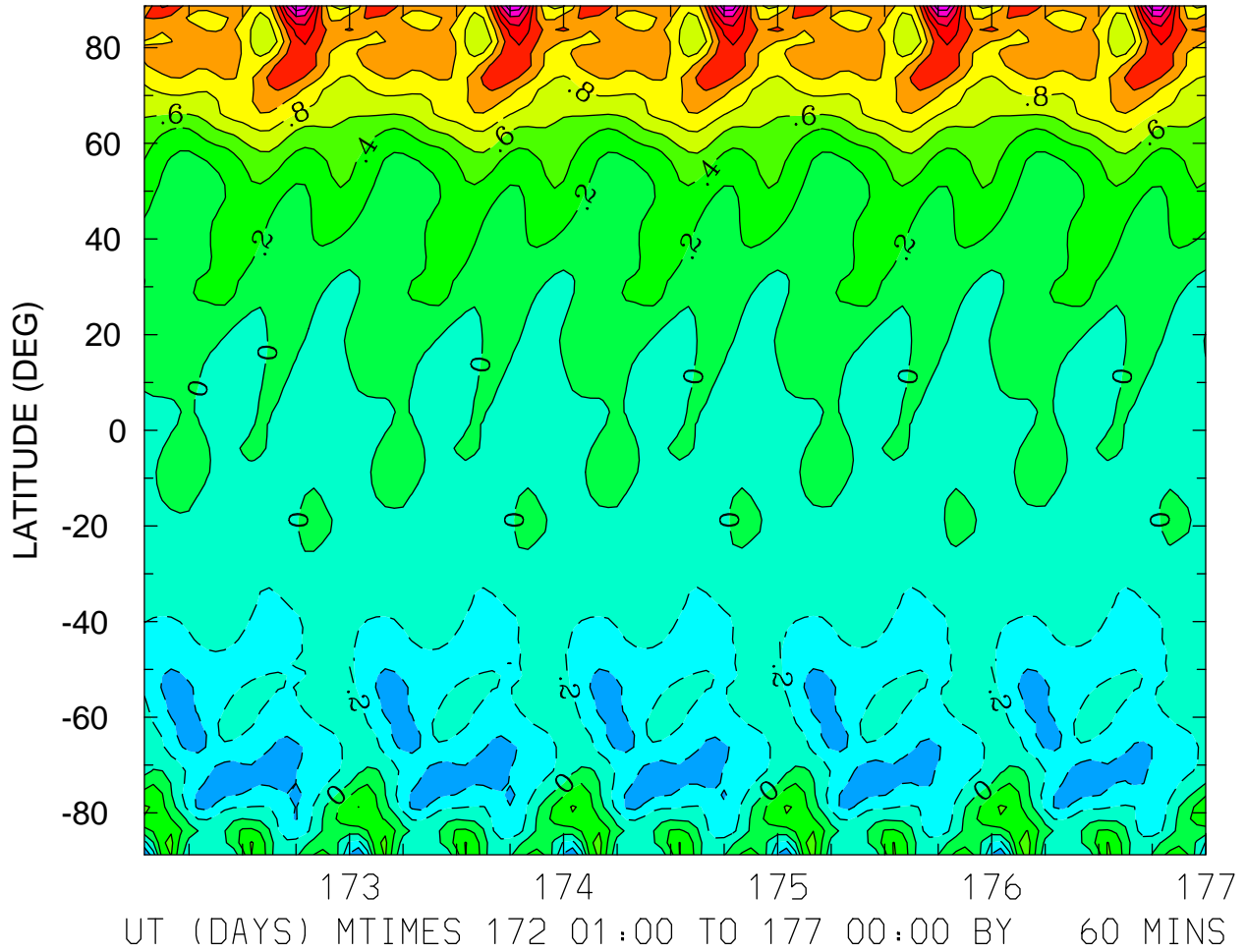
MIN,MAX= -2.2740E+00 1.8749E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



MIN,MAX= -8.6667E-01 2.5319E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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

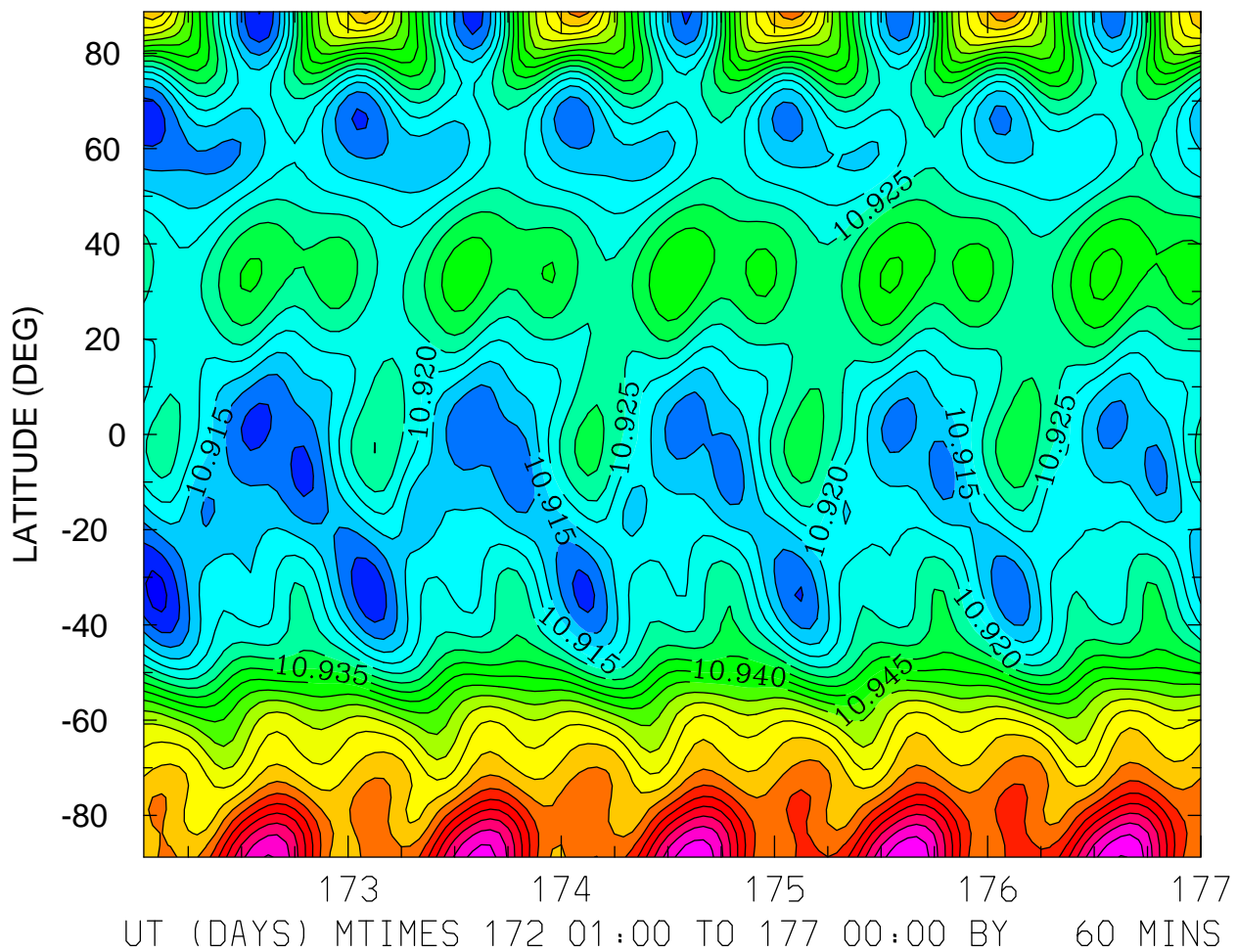


MIN,MAX= -6.0640E-01 2.1676E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc



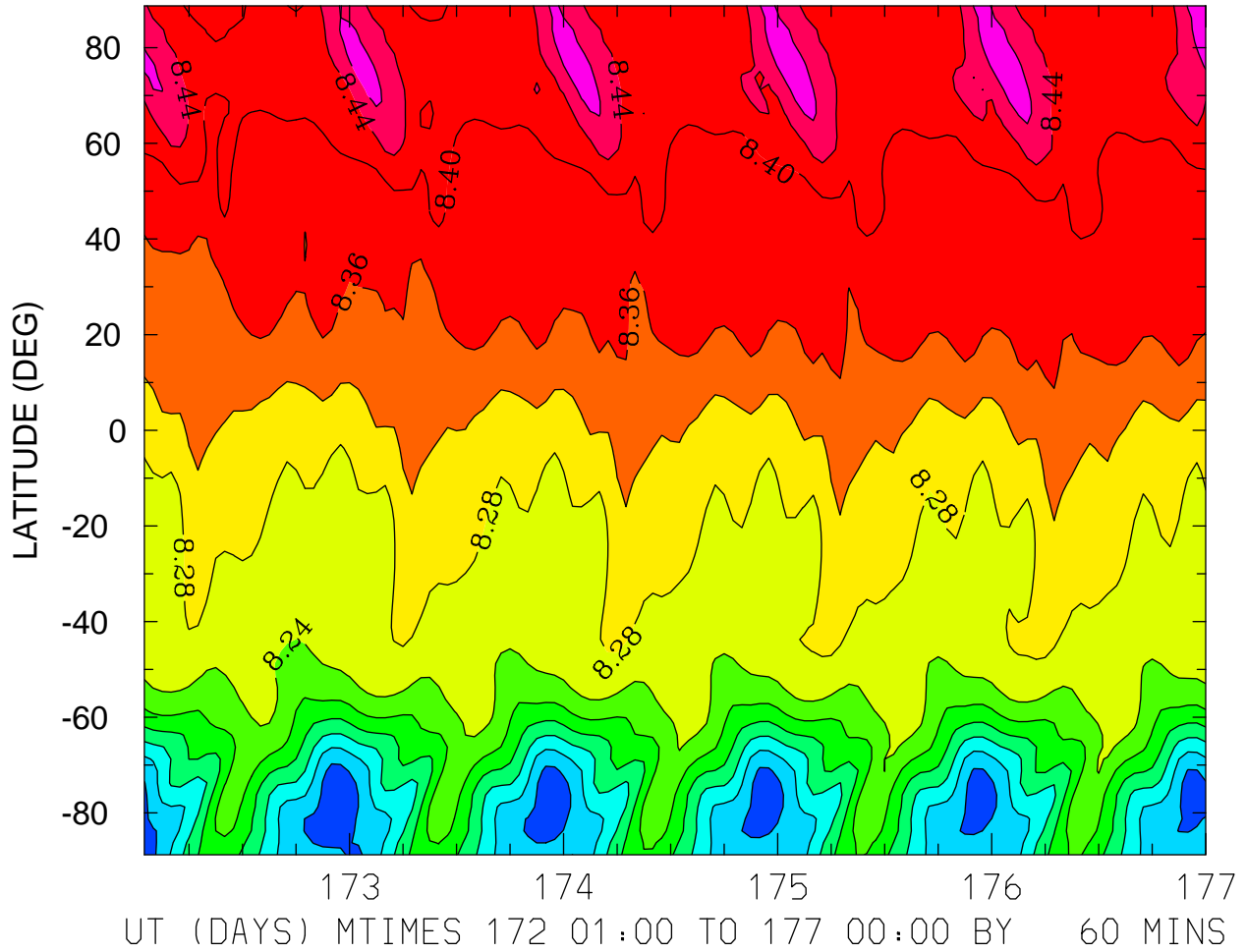


LOG10 MOLECULAR OXYGEN (CM3)  
ZP = -4.125 ZONAL MEANS



MIN,MAX= 1.0899E+01 1.1005E+01 INTERVAL= 5.0000E-03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

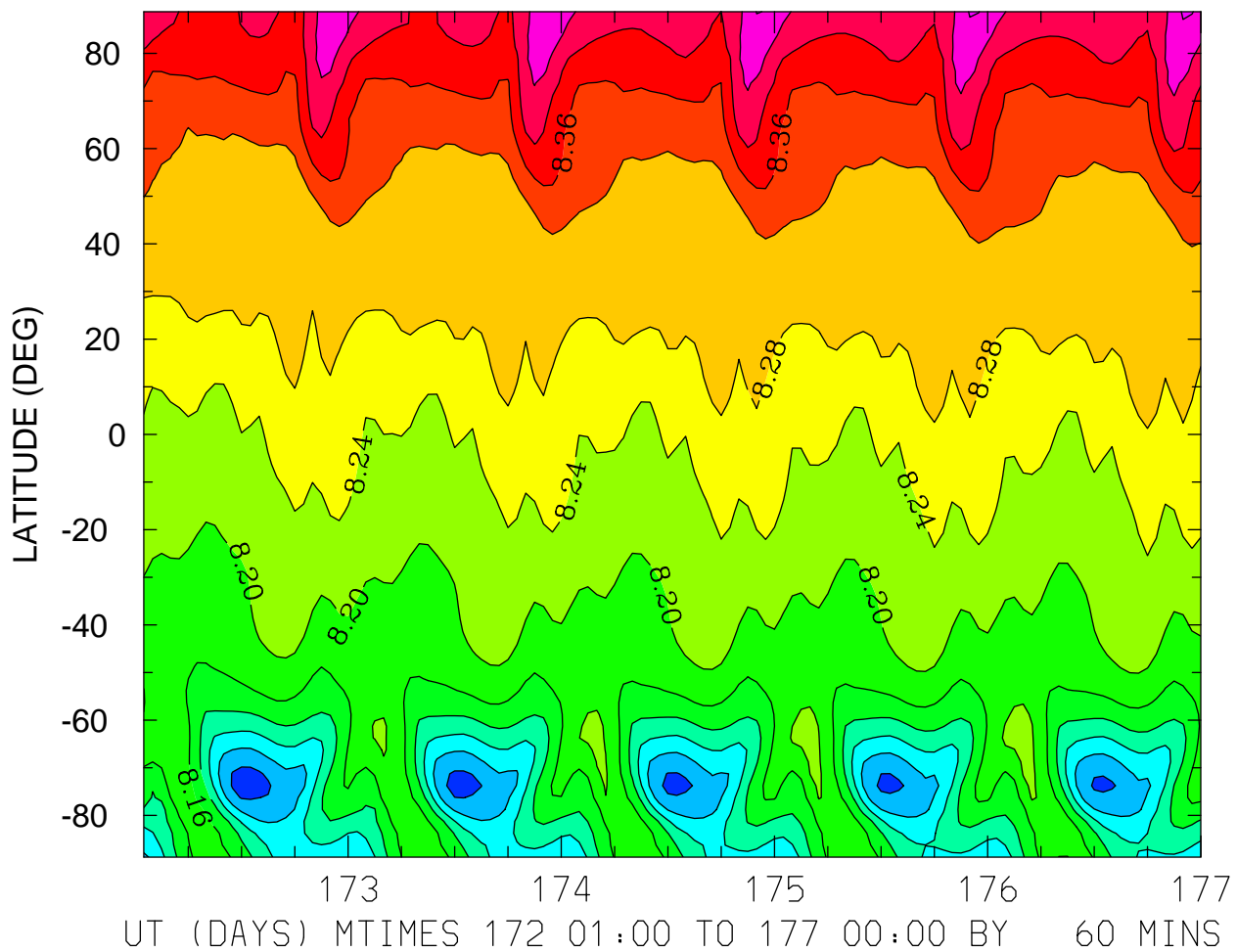
LOG10 MOLECULAR OXYGEN (CM3)  
ZP = -0.125 LOCAL TIME = 0.00



MIN,MAX= 8.0073E+00 8.5012E+00 INTERVAL= 4.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

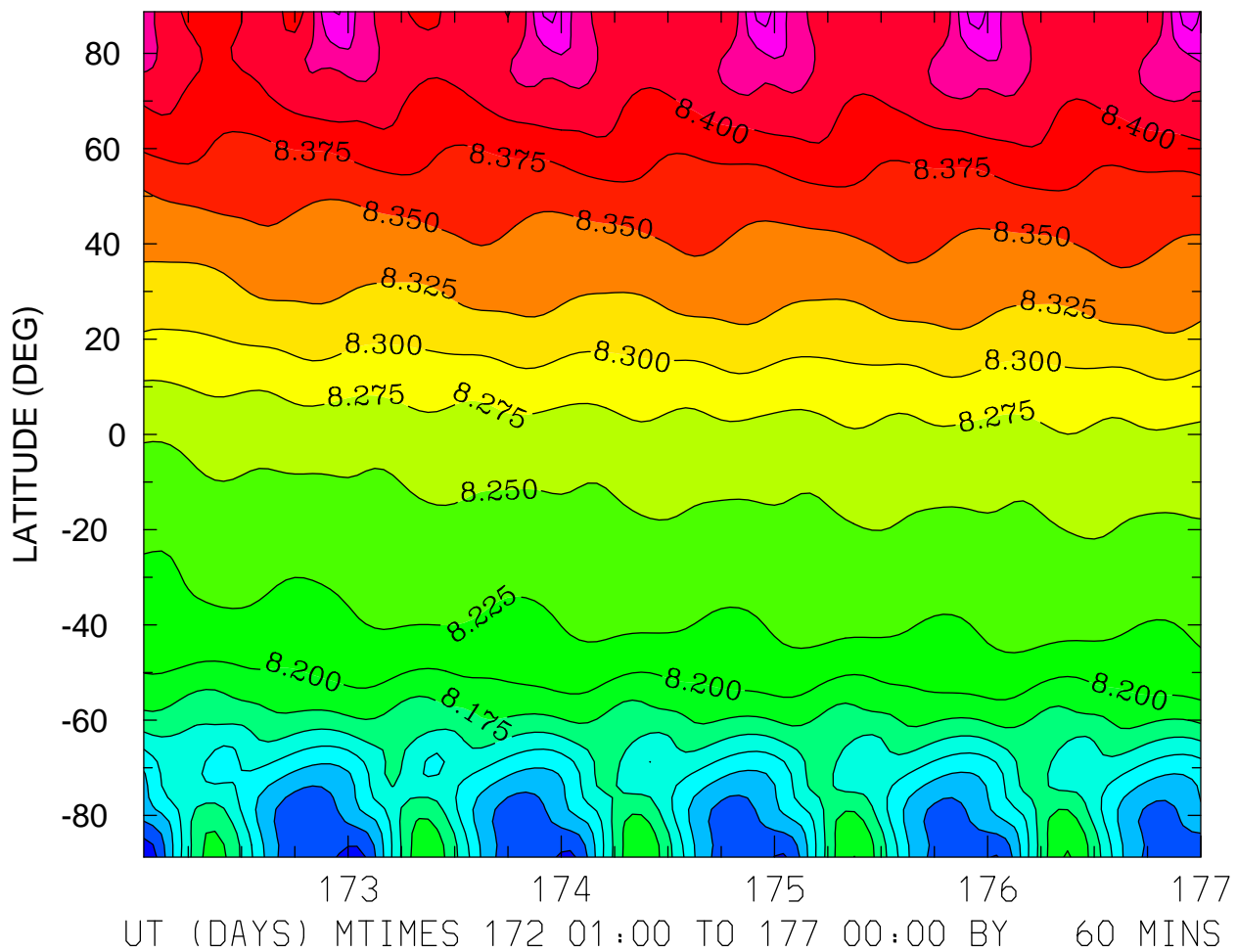


LOG10 MOLECULAR OXYGEN (CM3)  
ZP = -0.125 LOCAL TIME = 12.00



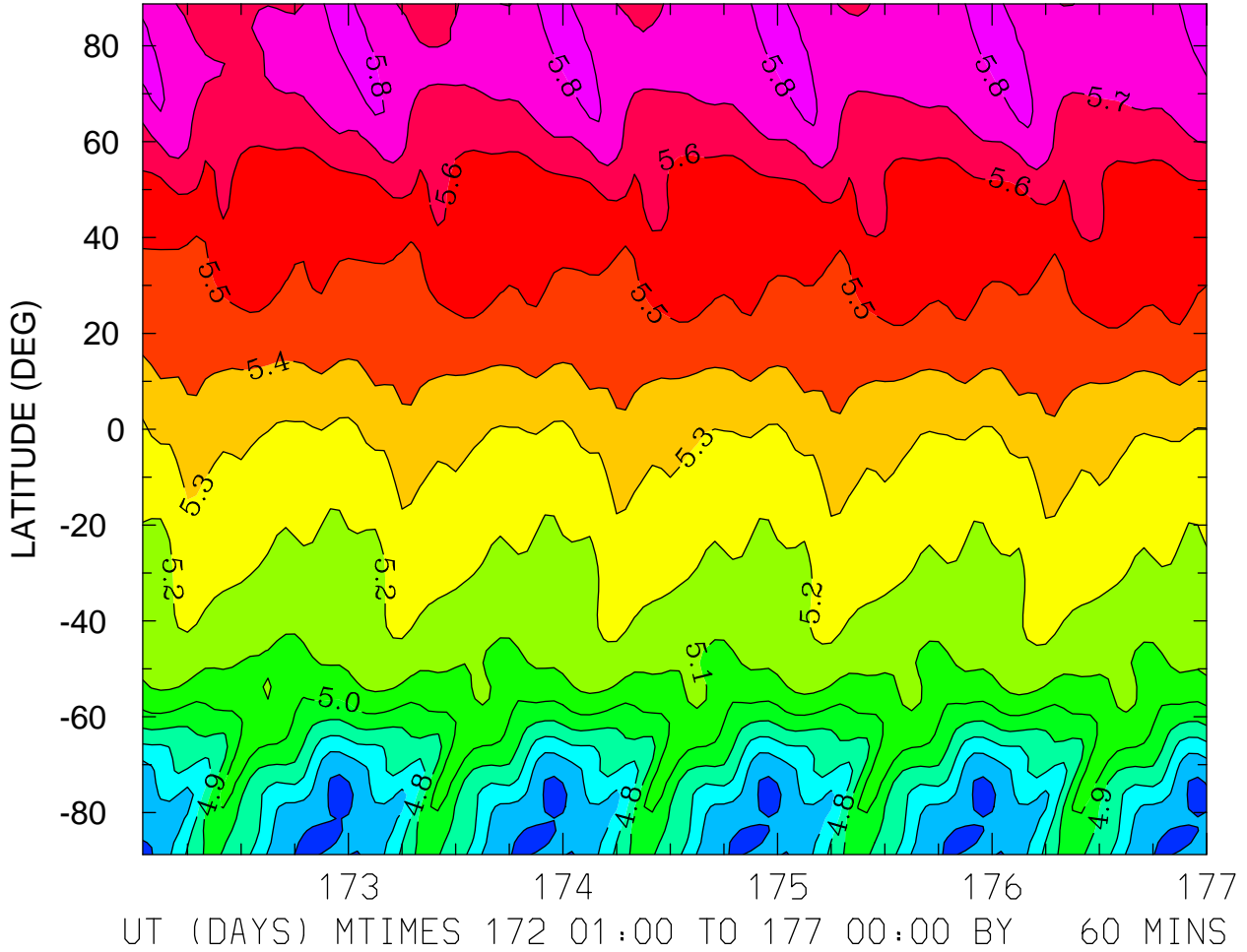
MIN,MAX= 7.9816E+00 8.4840E+00 INTERVAL= 4.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



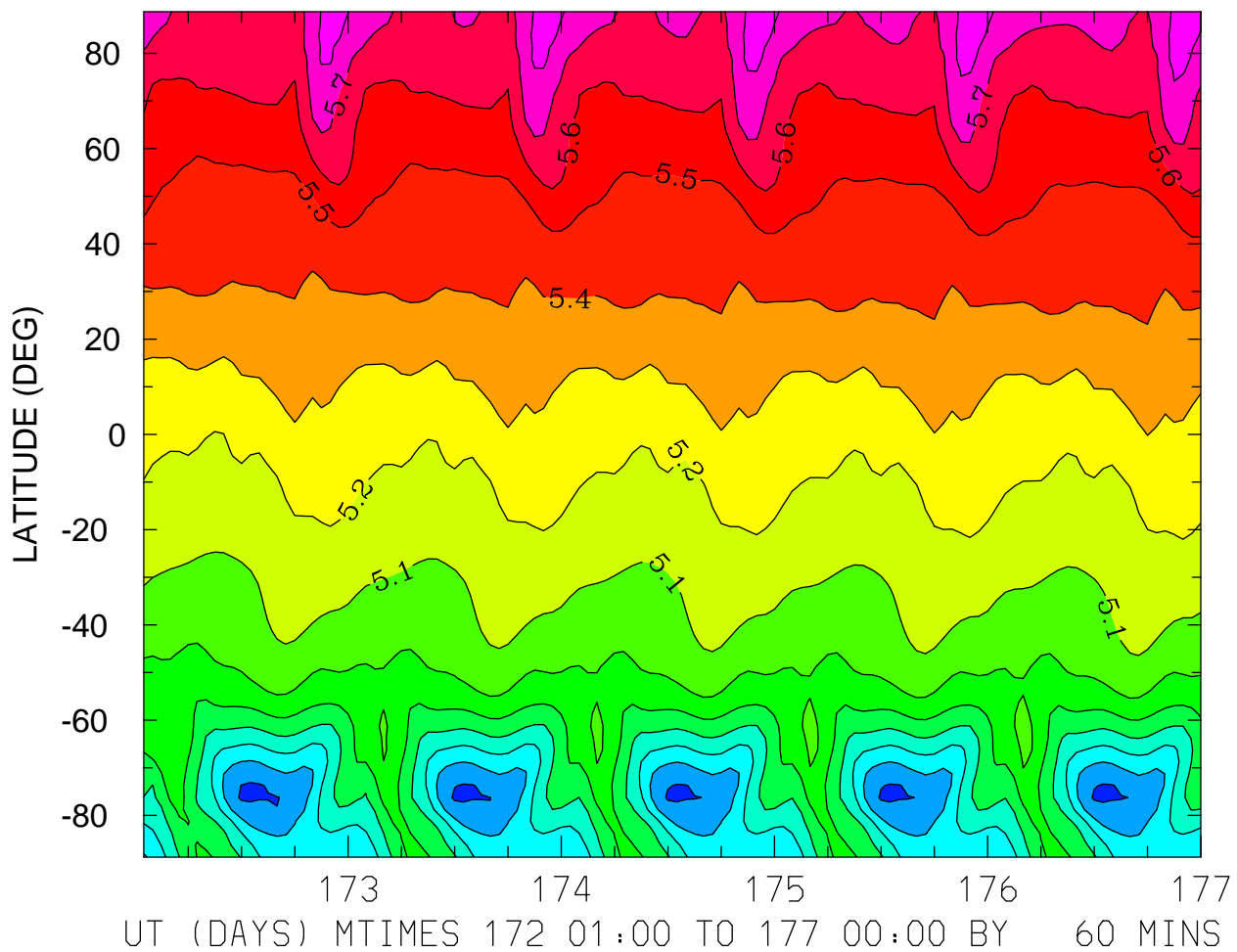
MIN,MAX= 8.0298E+00 8.4865E+00 INTERVAL= 2.5000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



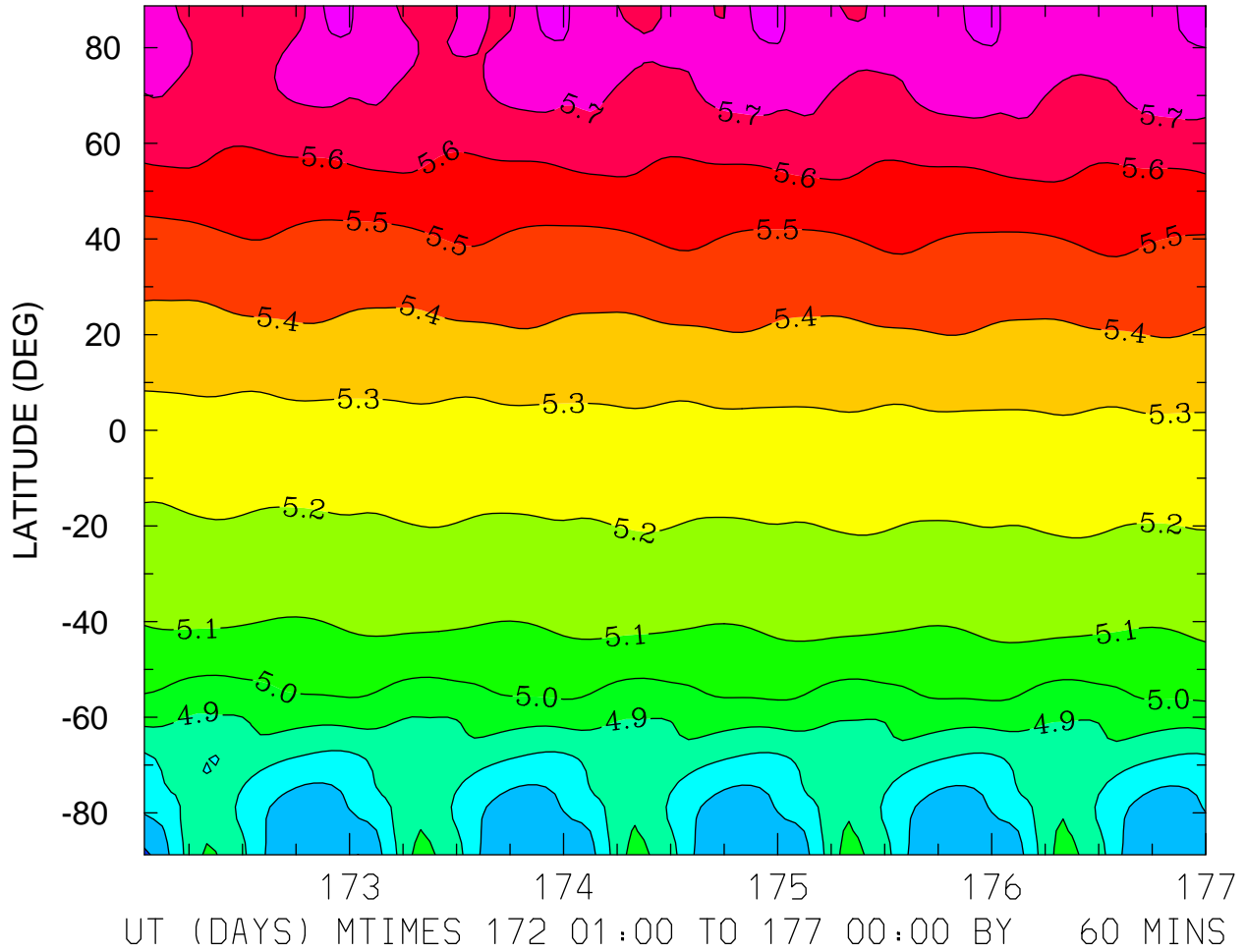
MIN,MAX= 4.5711E+00 5.8690E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



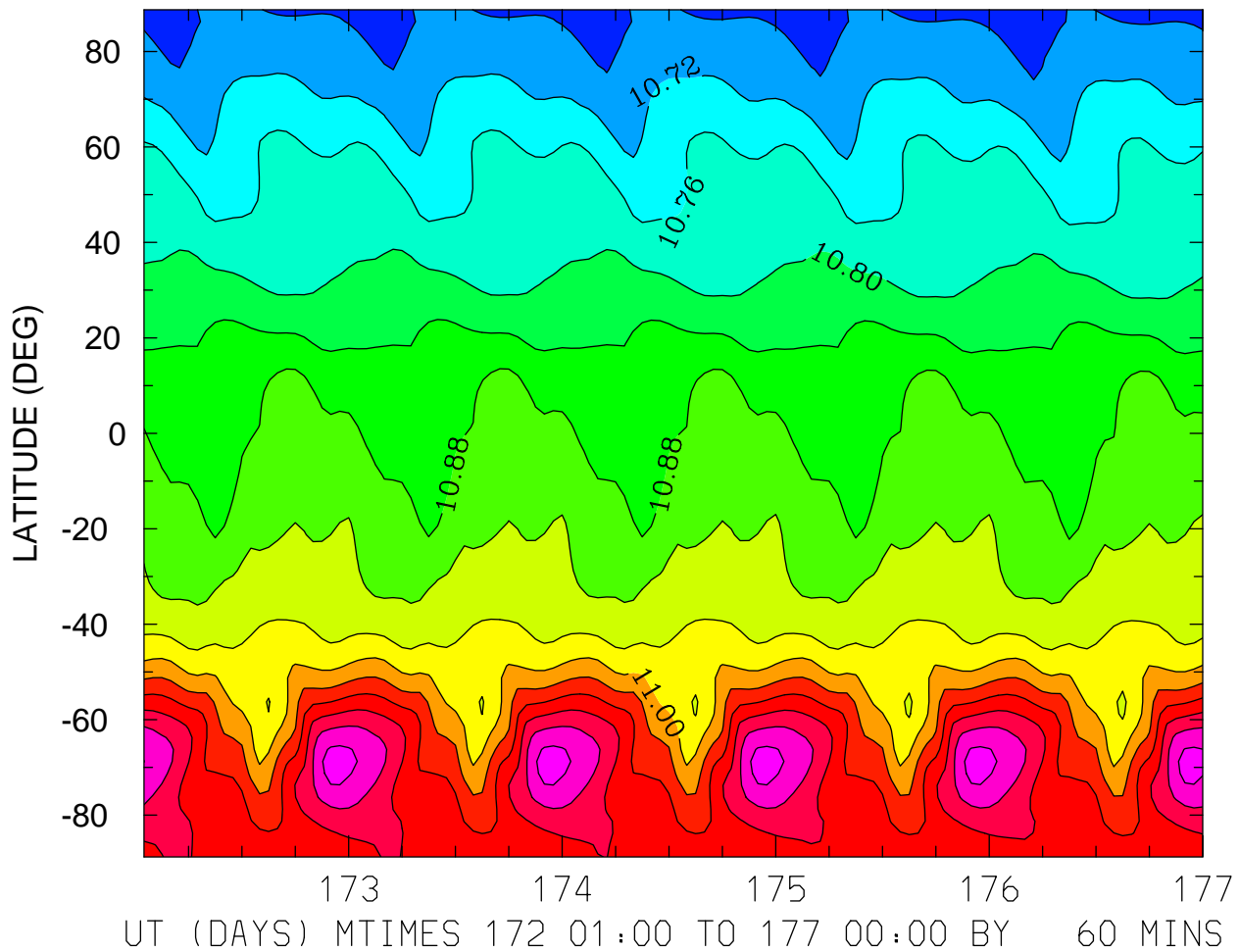
MIN,MAX= 4.4867E+00 5.8633E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

LOG10 MOLECULAR OXYGEN (CM3)  
ZP = 3.875 ZONAL MEANS



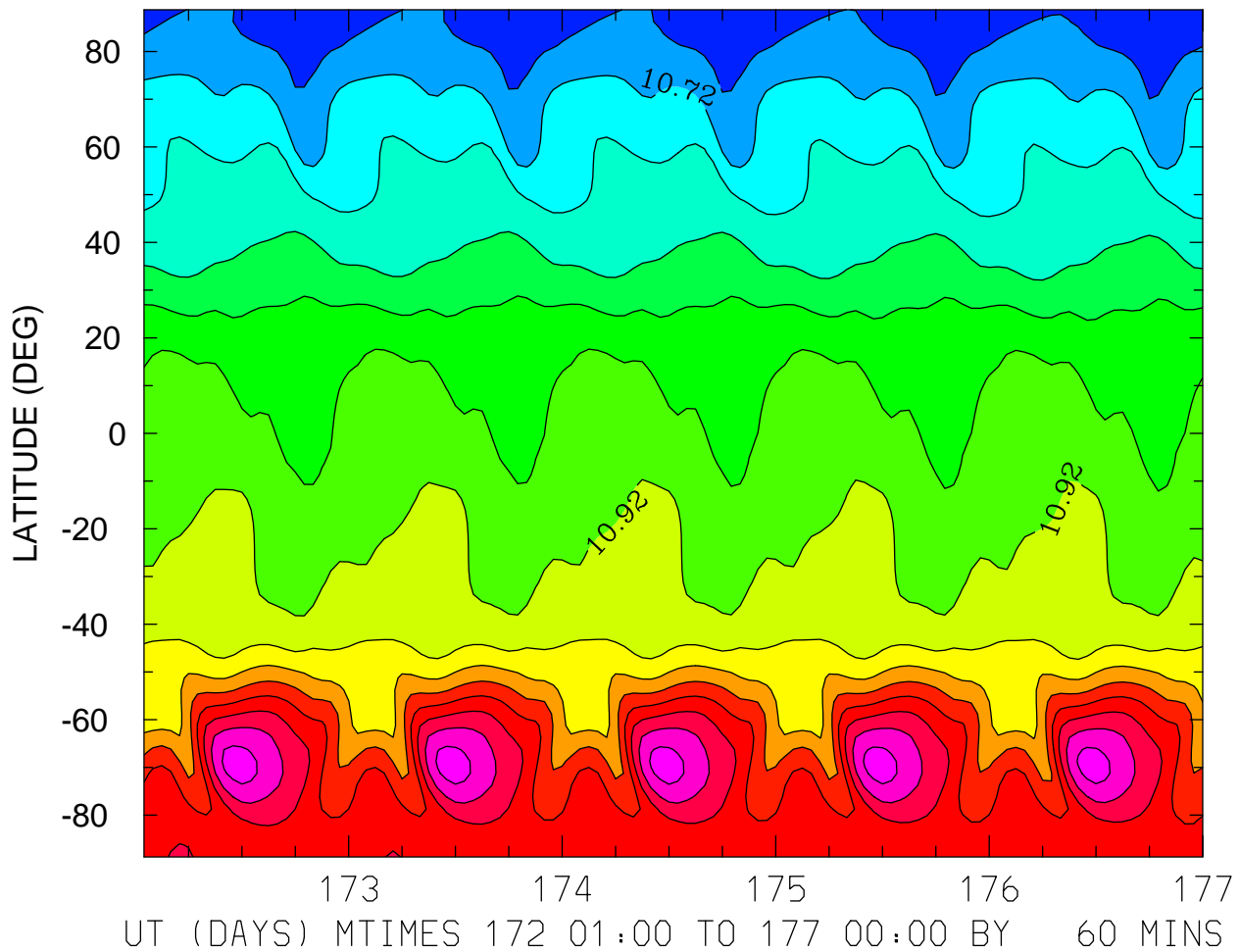
MIN,MAX= 4.5873E+00 5.8626E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



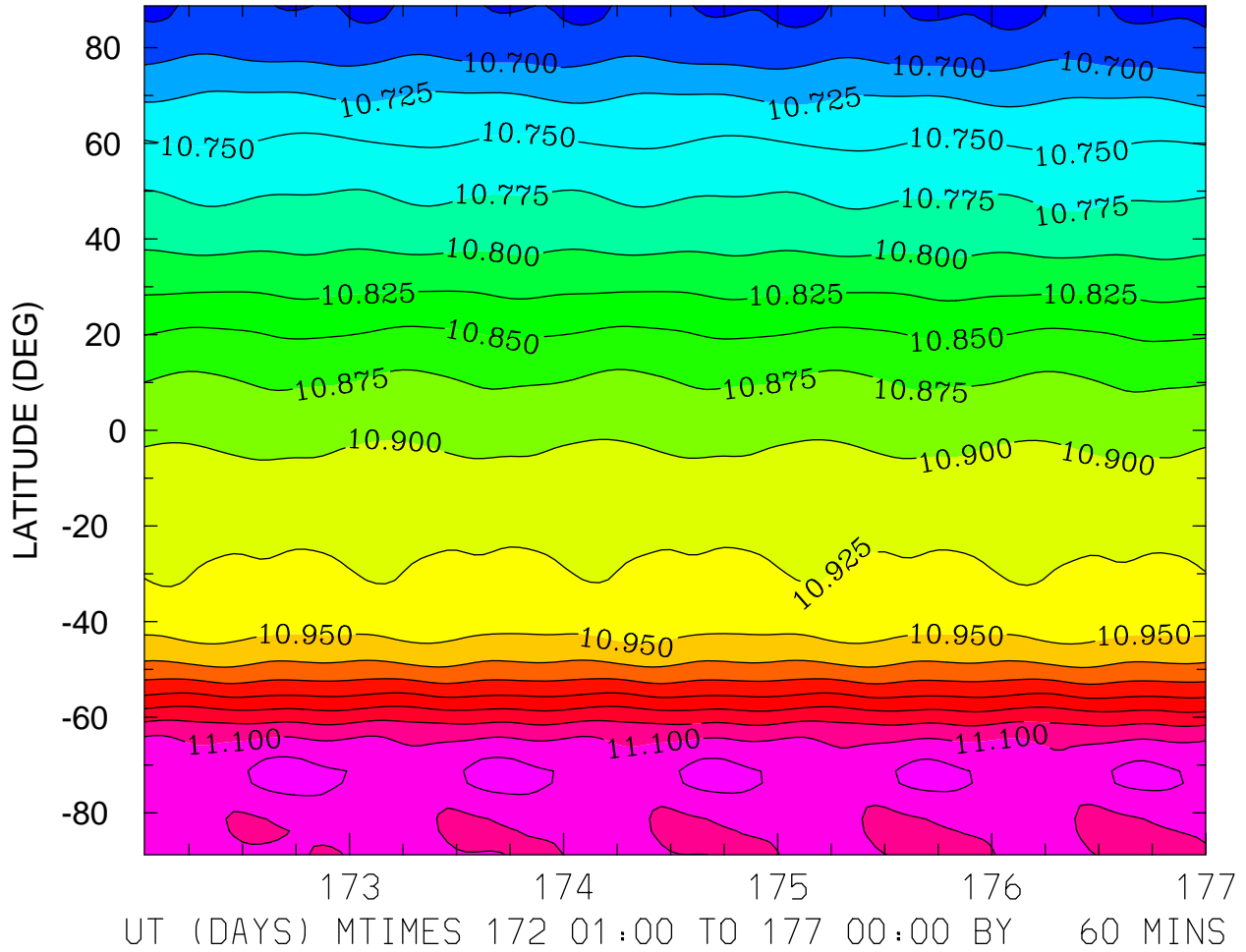
MIN,MAX= 1.0664E+01 1.1215E+01 INTERVAL= 4.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



MIN,MAX= 1.0666E+01 1.1216E+01 INTERVAL= 4.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

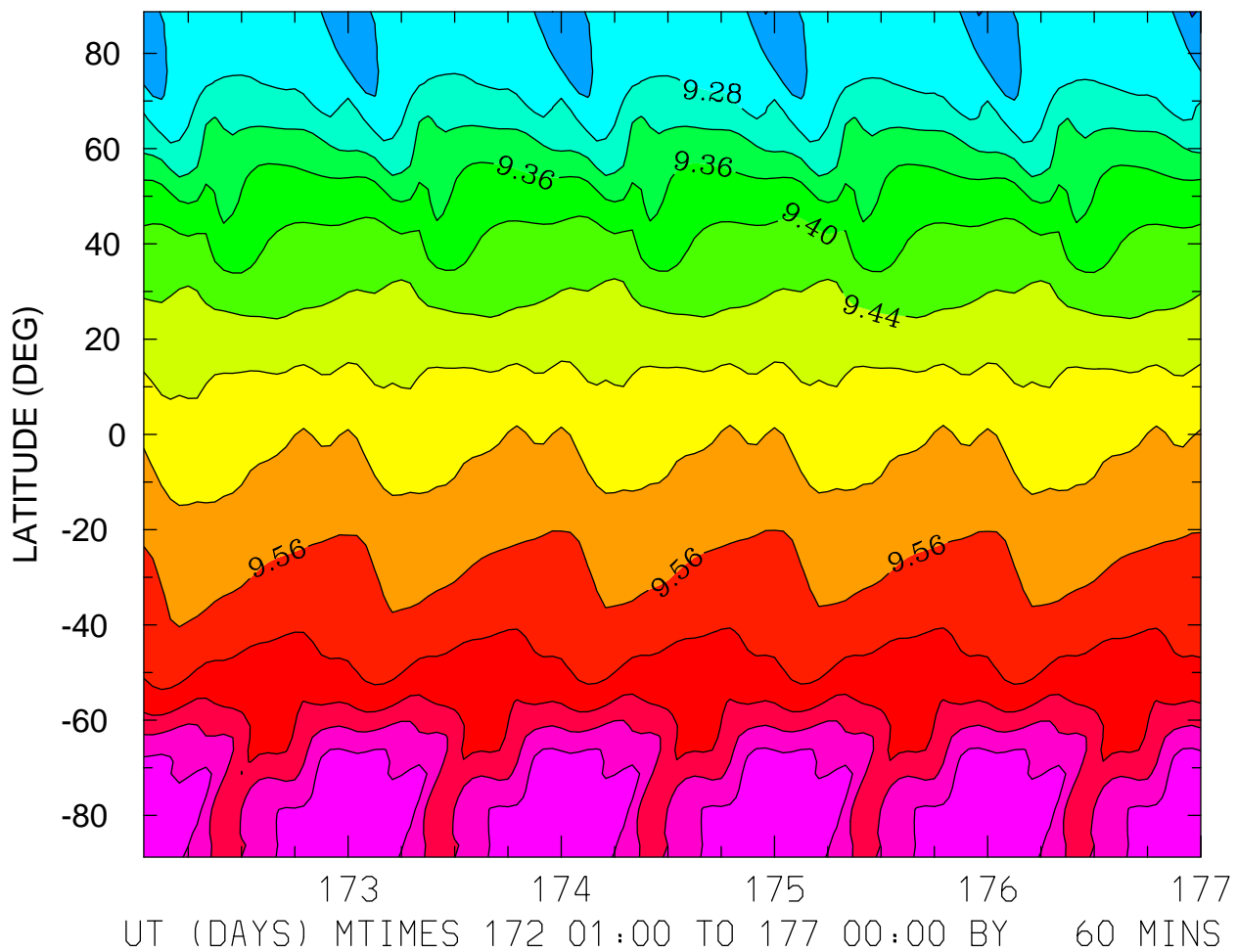
LOG10 ATOMIC OXYGEN (CM3)  
ZP = -4.125 ZONAL MEANS



MIN,MAX= 1.0666E+01 1.1134E+01 INTERVAL= 2.5000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

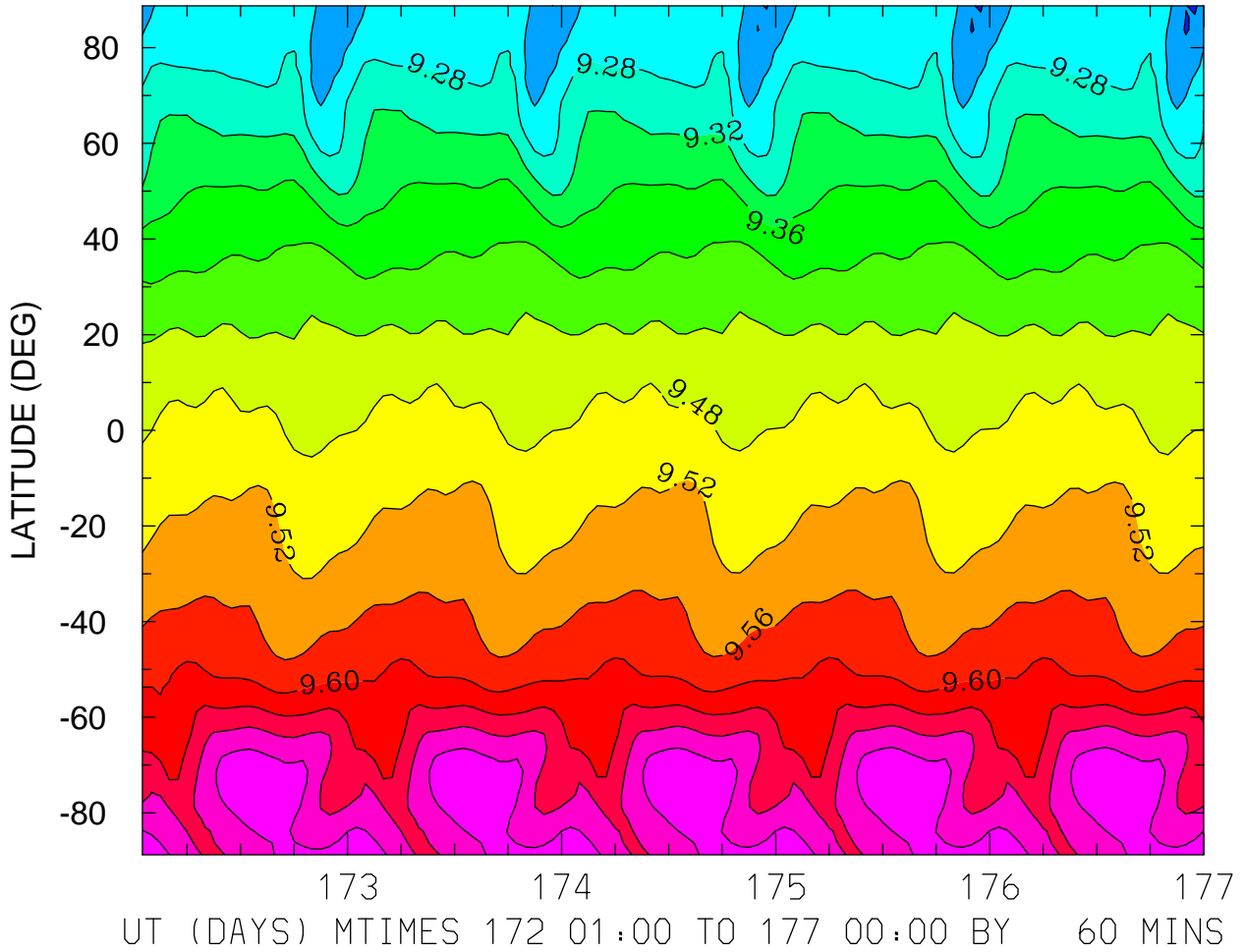


LOG10 ATOMIC OXYGEN (CM3)  
ZP = -0.125 LOCAL TIME = 0.00



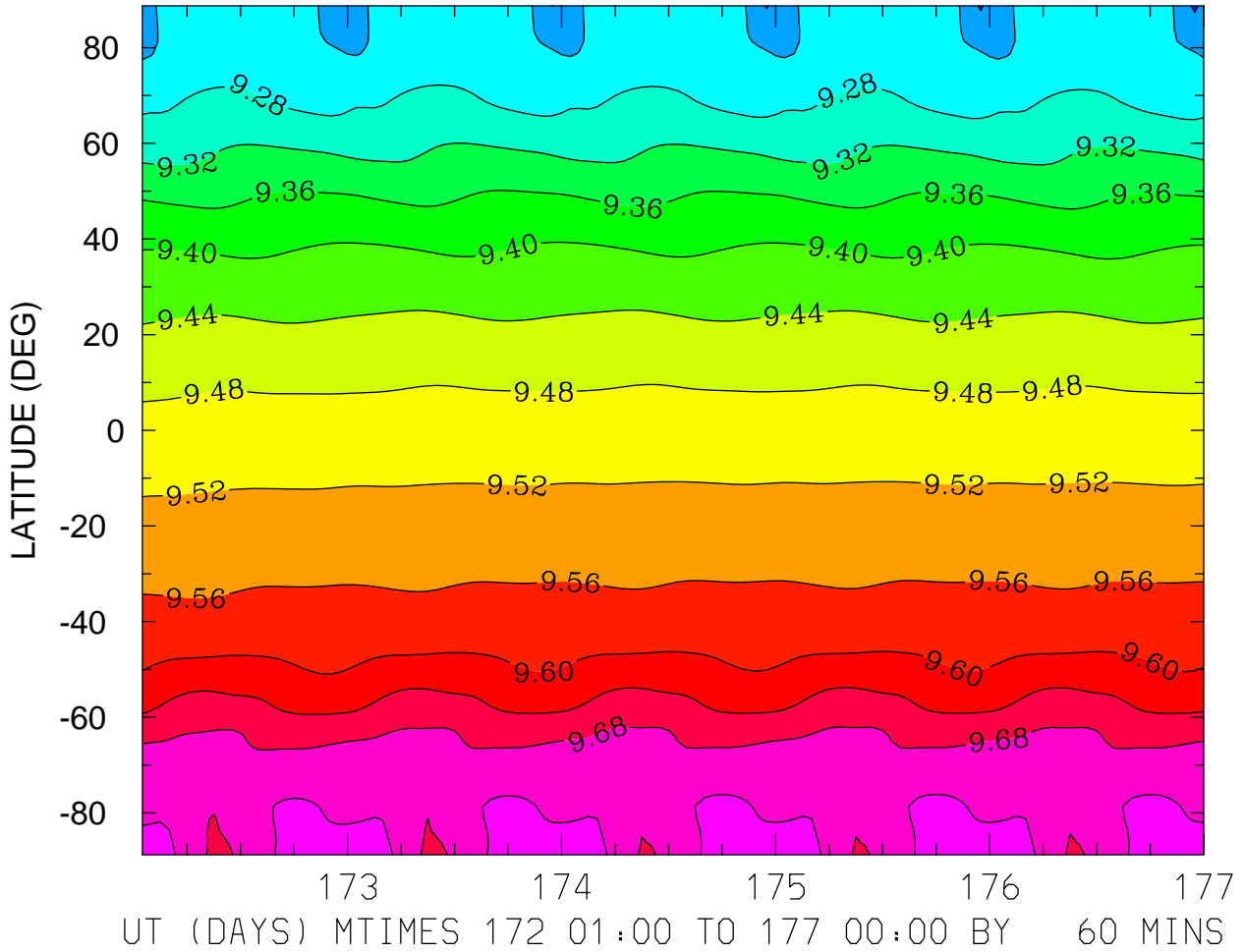
MIN,MAX= 9.1965E+00 9.7579E+00 INTERVAL= 4.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



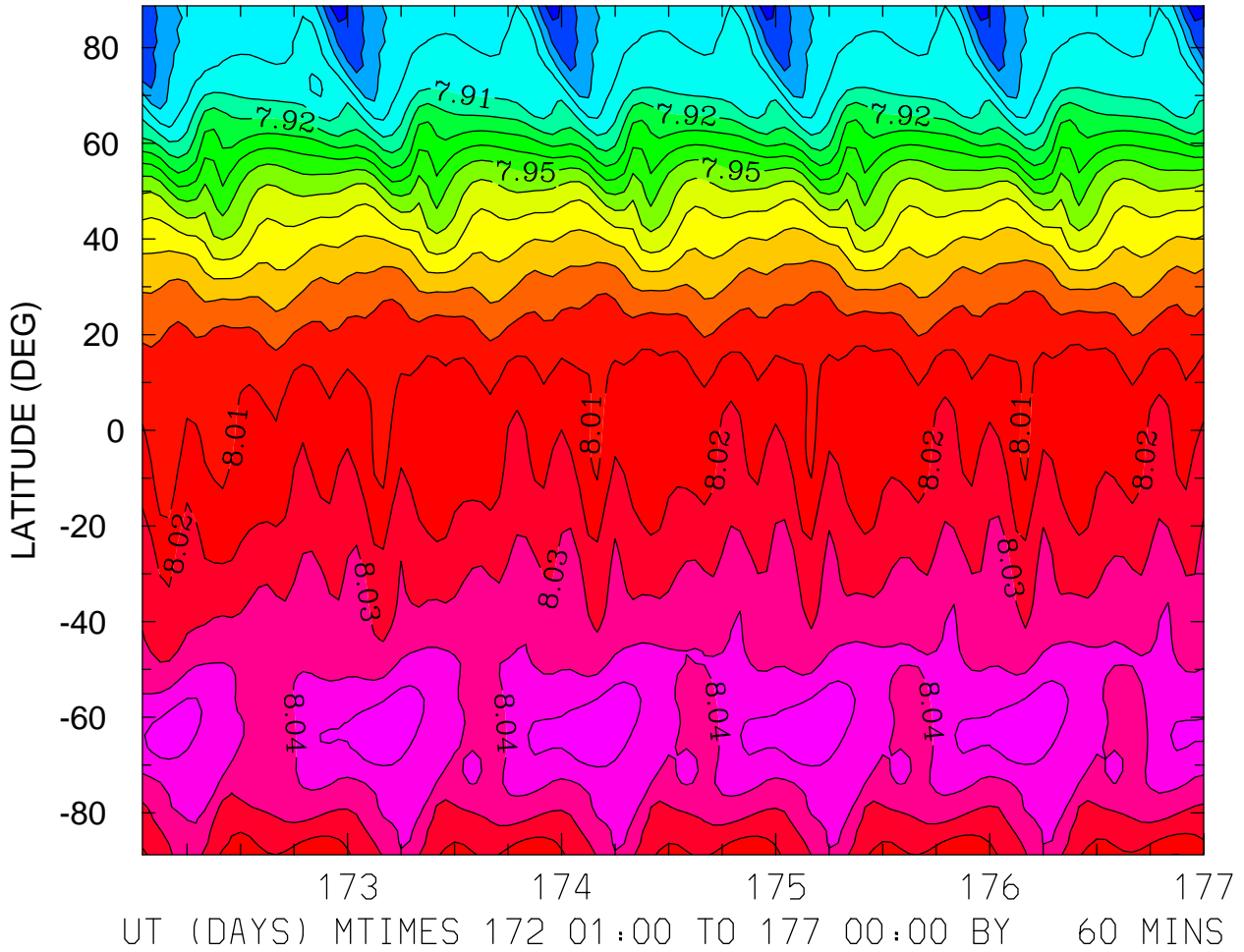
MIN,MAX= 9.1966E+00 9.7604E+00 INTERVAL= 4.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



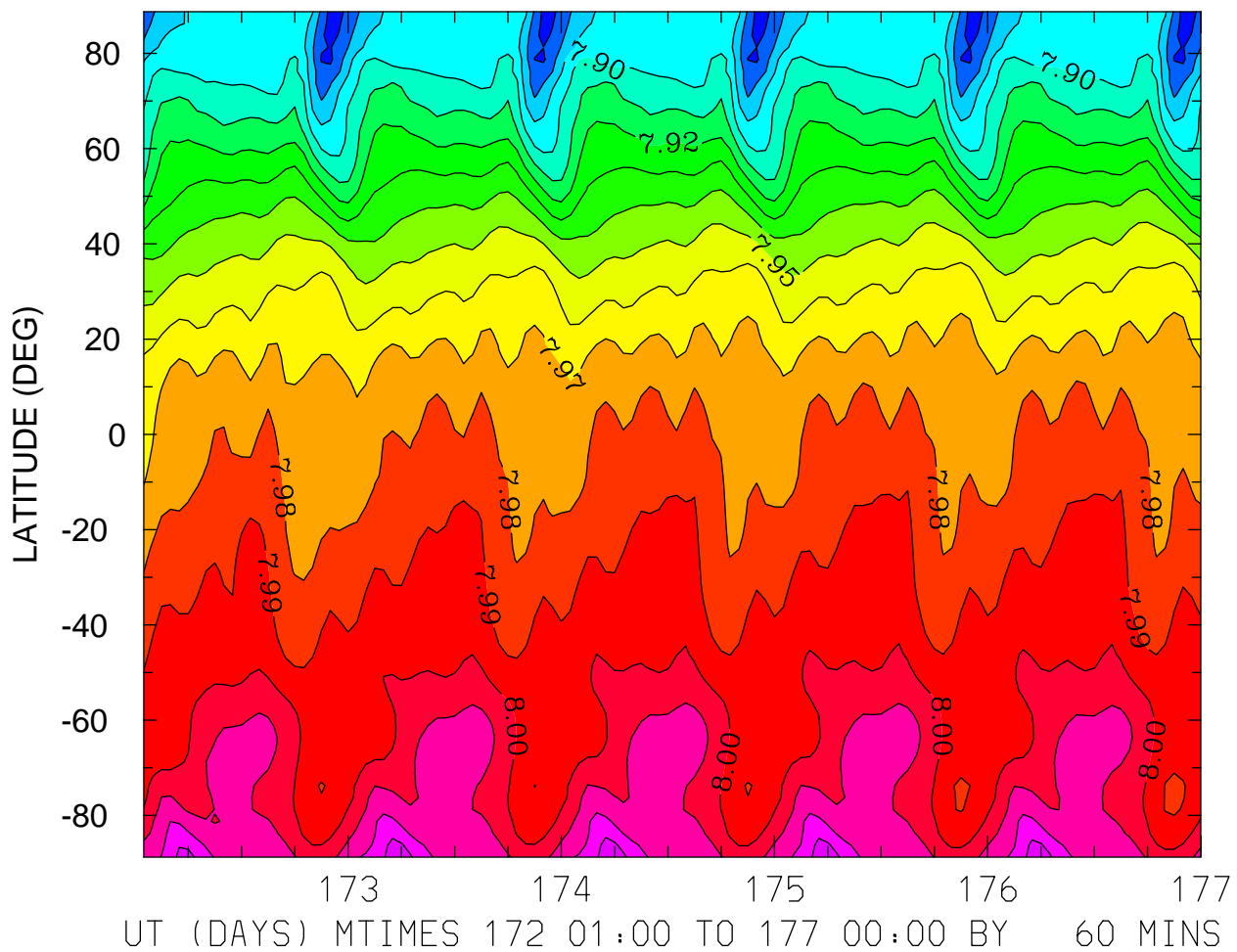
MIN,MAX= 9.1965E+00 9.7431E+00 INTERVAL= 4.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



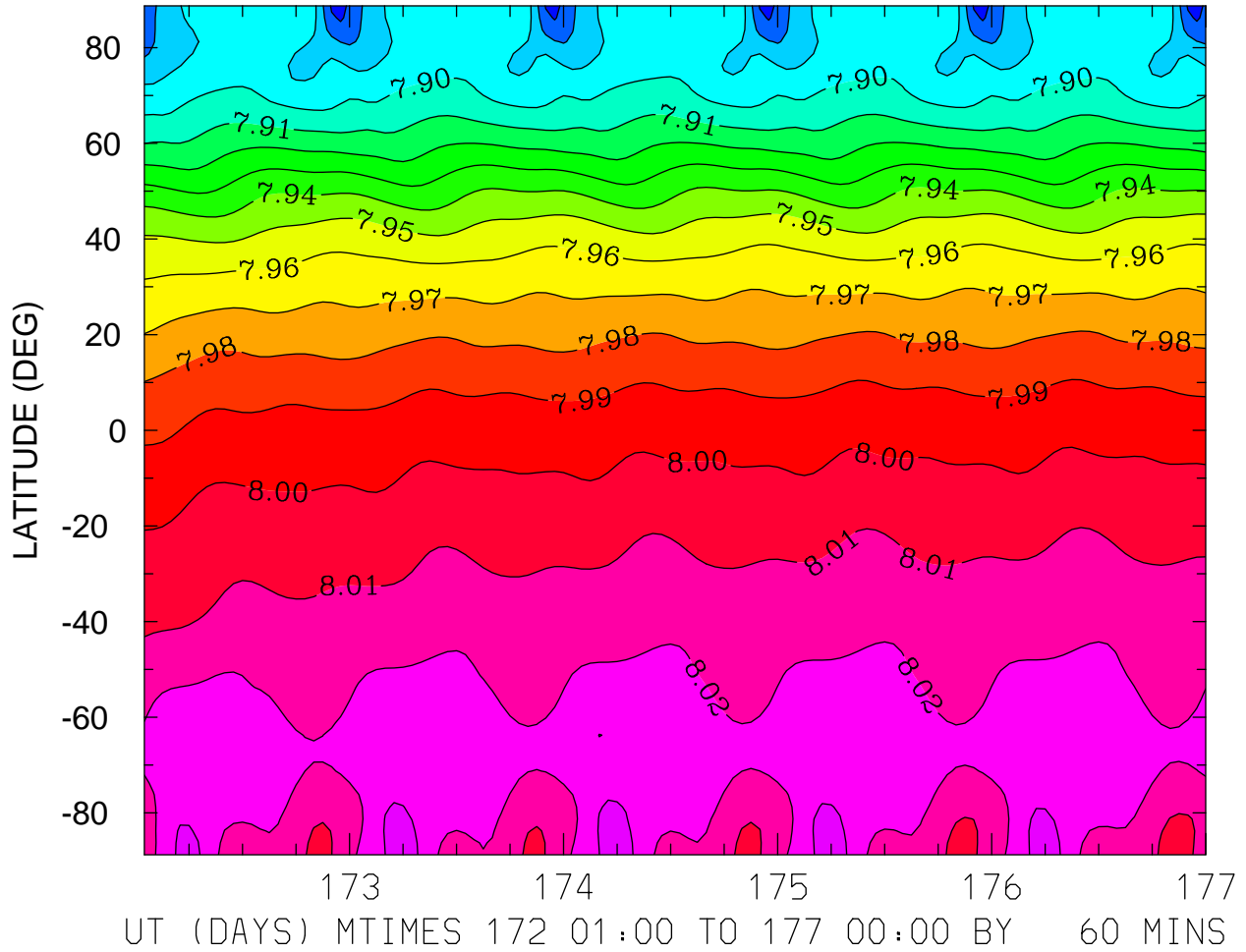
MIN,MAX= 7.8653E+00 8.0598E+00 INTERVAL= 1.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



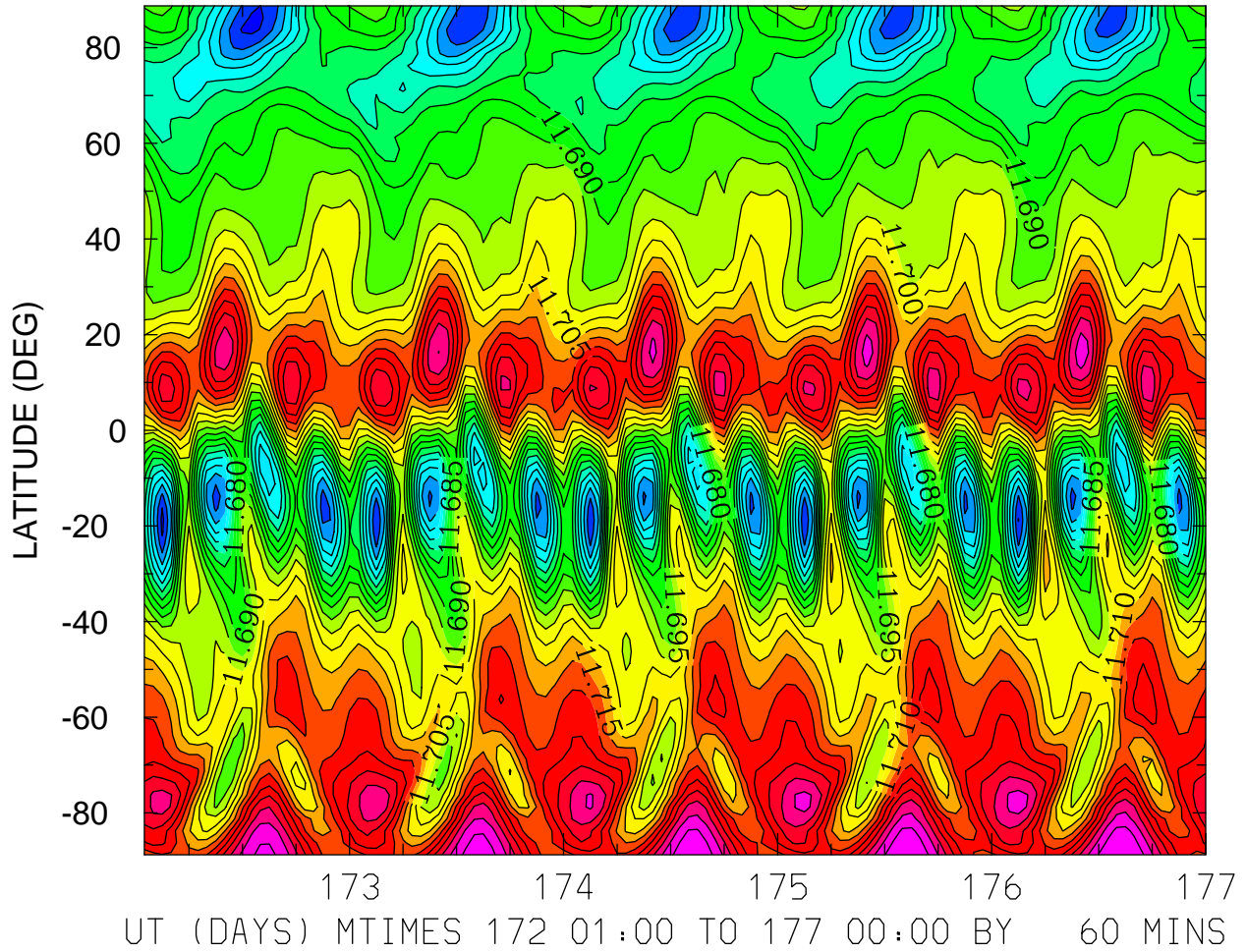
MIN,MAX= 7.8665E+00 8.0364E+00 INTERVAL= 1.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

LOG10 ATOMIC OXYGEN (CM3)  
ZP = 3.875 ZONAL MEANS



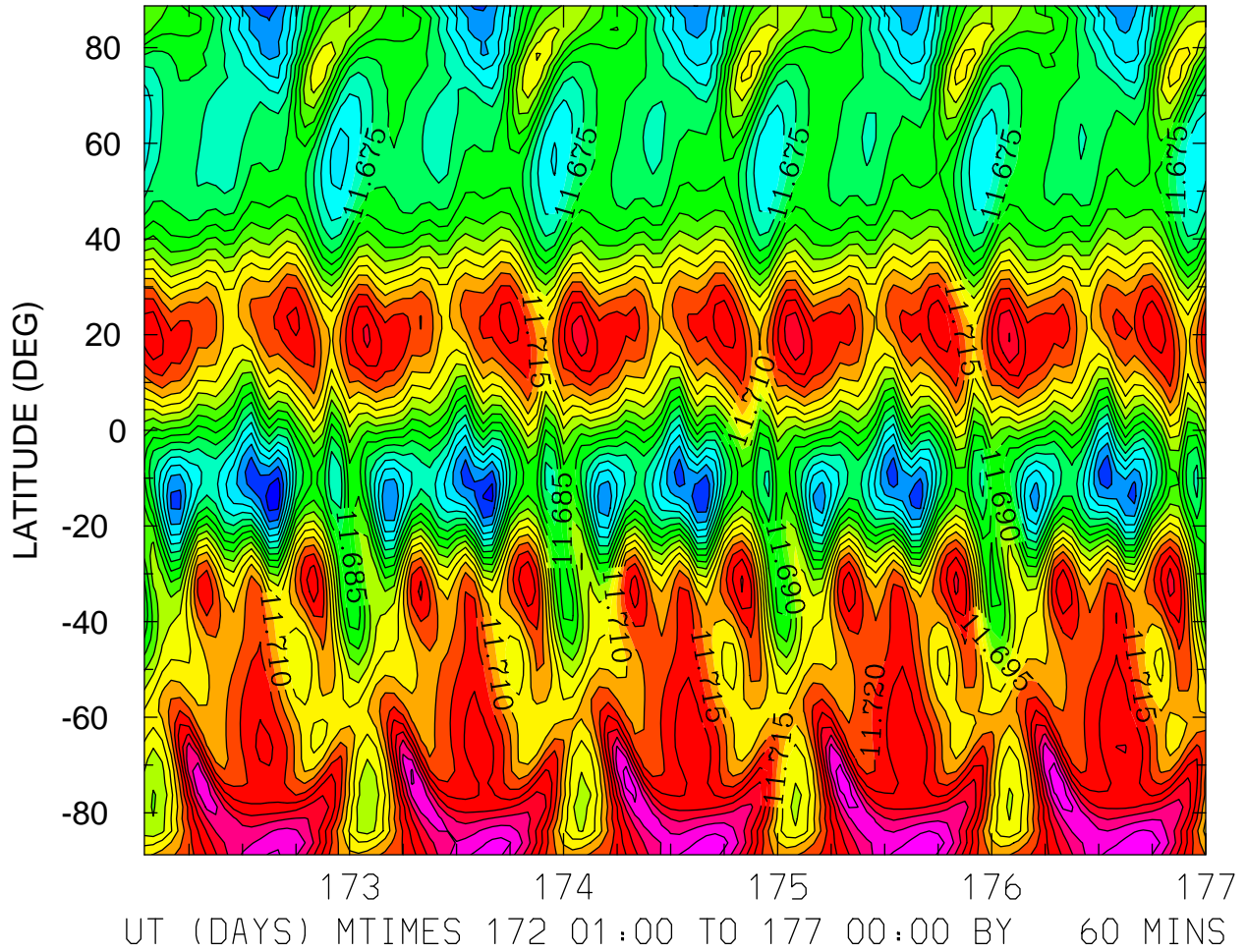
MIN,MAX= 7.8660E+00 8.0379E+00 INTERVAL= 1.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



MIN,MAX= 1.1648E+01 1.1750E+01 INTERVAL= 5.0000E-03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

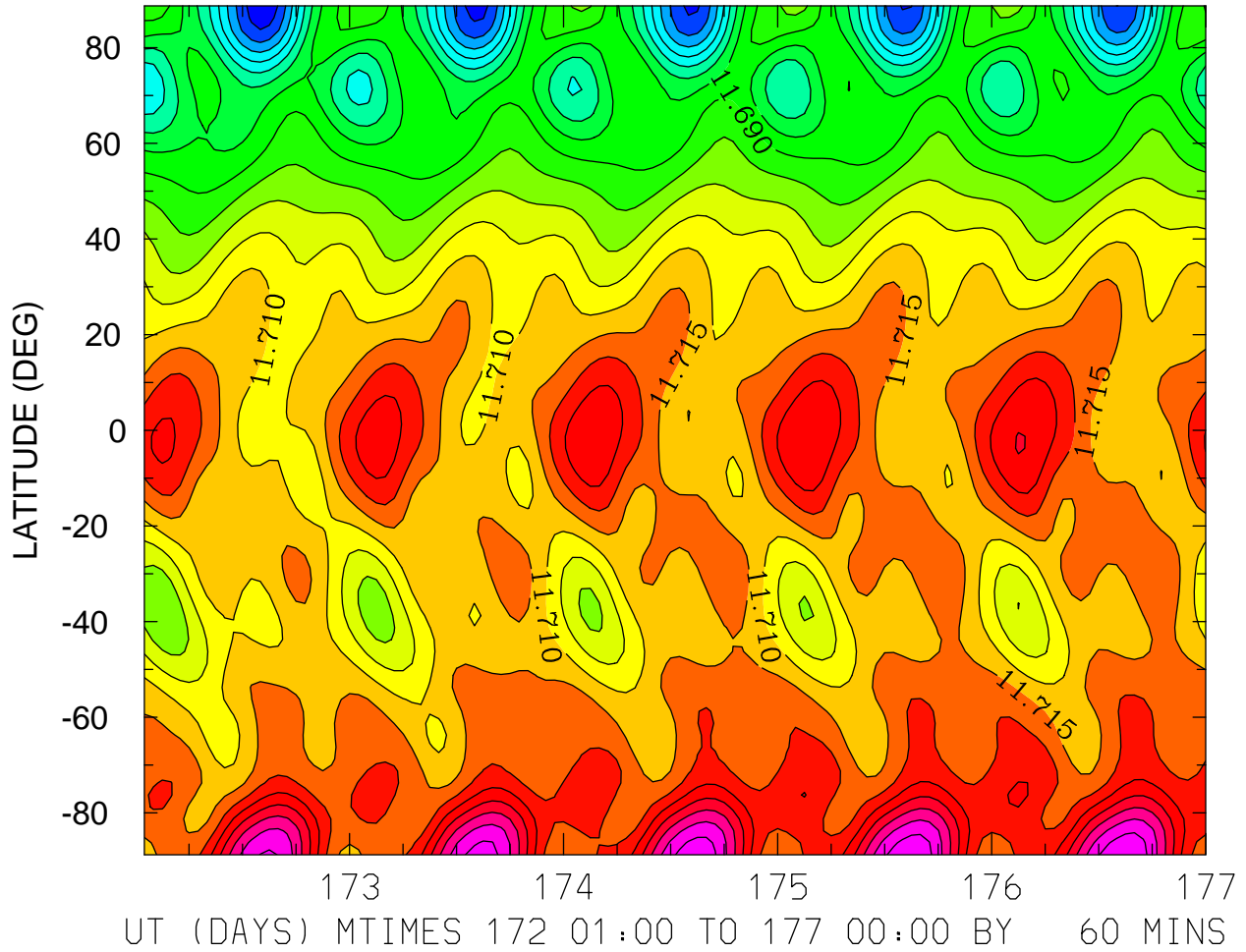
LOG10 MOLECULAR NITROGEN (CM3)  
ZP = -4.125 LOCAL TIME = 12.00



MIN,MAX= 1.1647E+01 1.1749E+01 INTERVAL= 5.0000E-03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

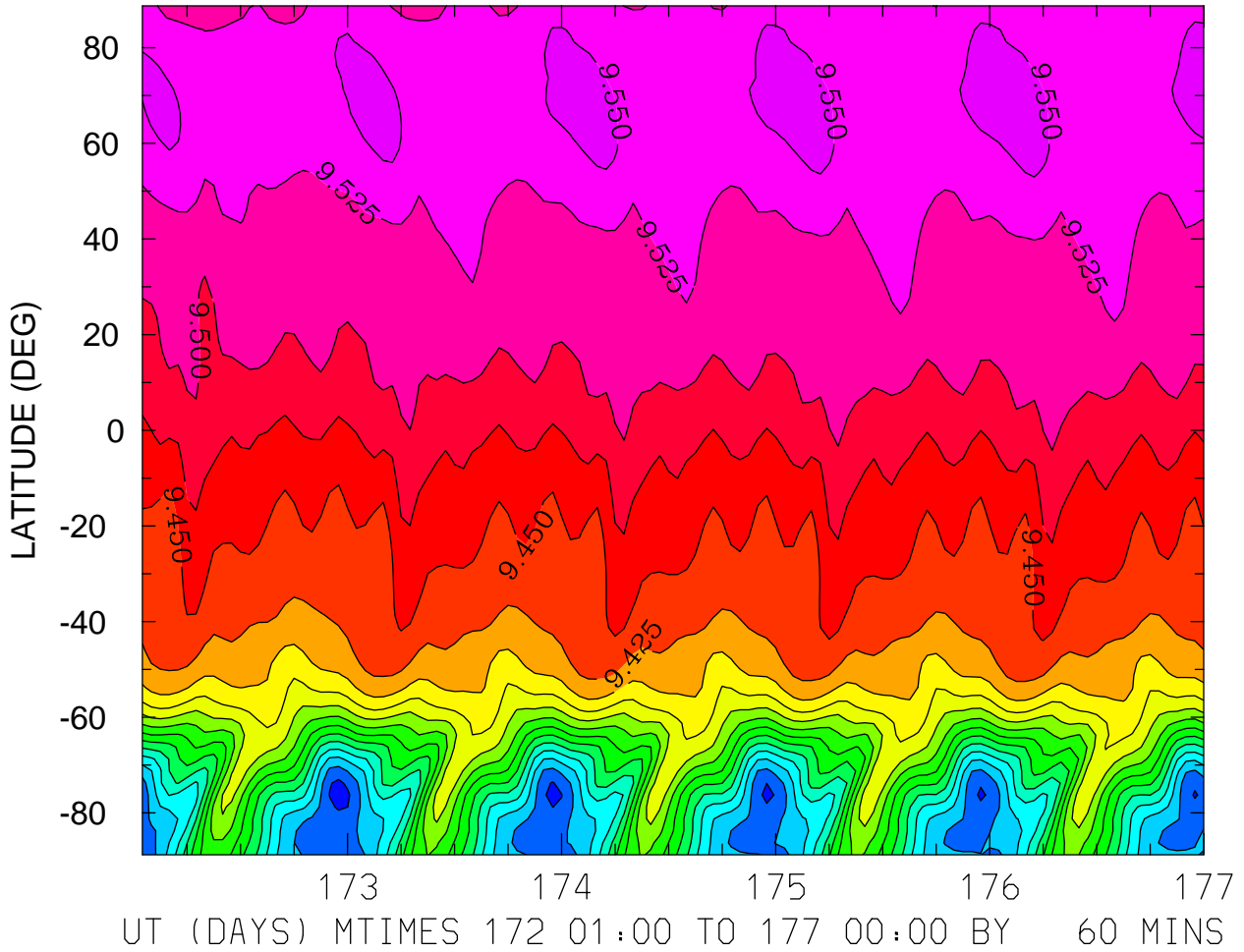


LOG10 MOLECULAR NITROGEN (CM3)  
ZP = -4.125 ZONAL MEANS



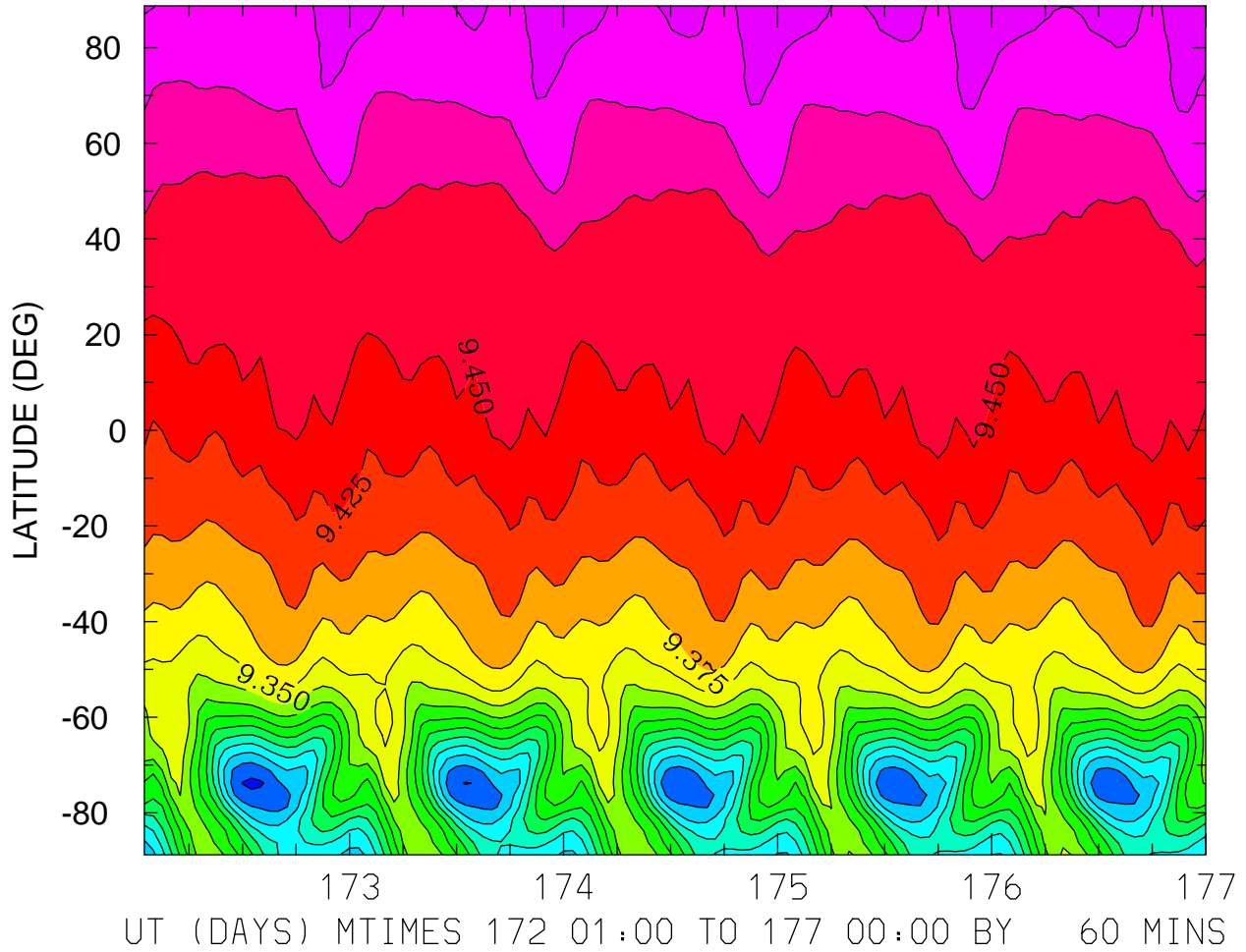
MIN,MAX= 1.1651E+01 1.1749E+01 INTERVAL= 5.0000E-03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
ZP = -0.125 LOCAL TIME = 0.00



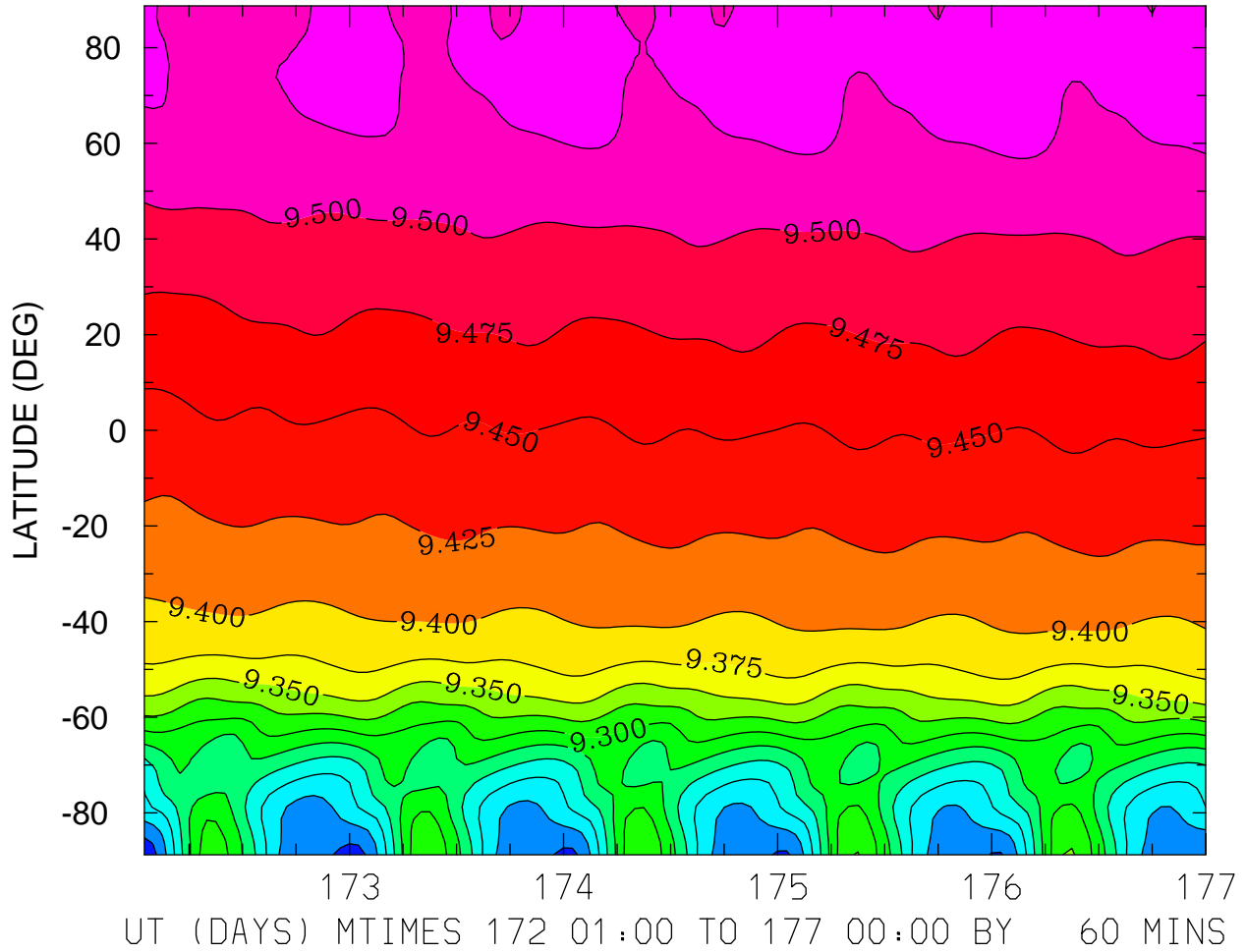
MIN,MAX= 9.1389E+00 9.5656E+00 INTERVAL= 2.5000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



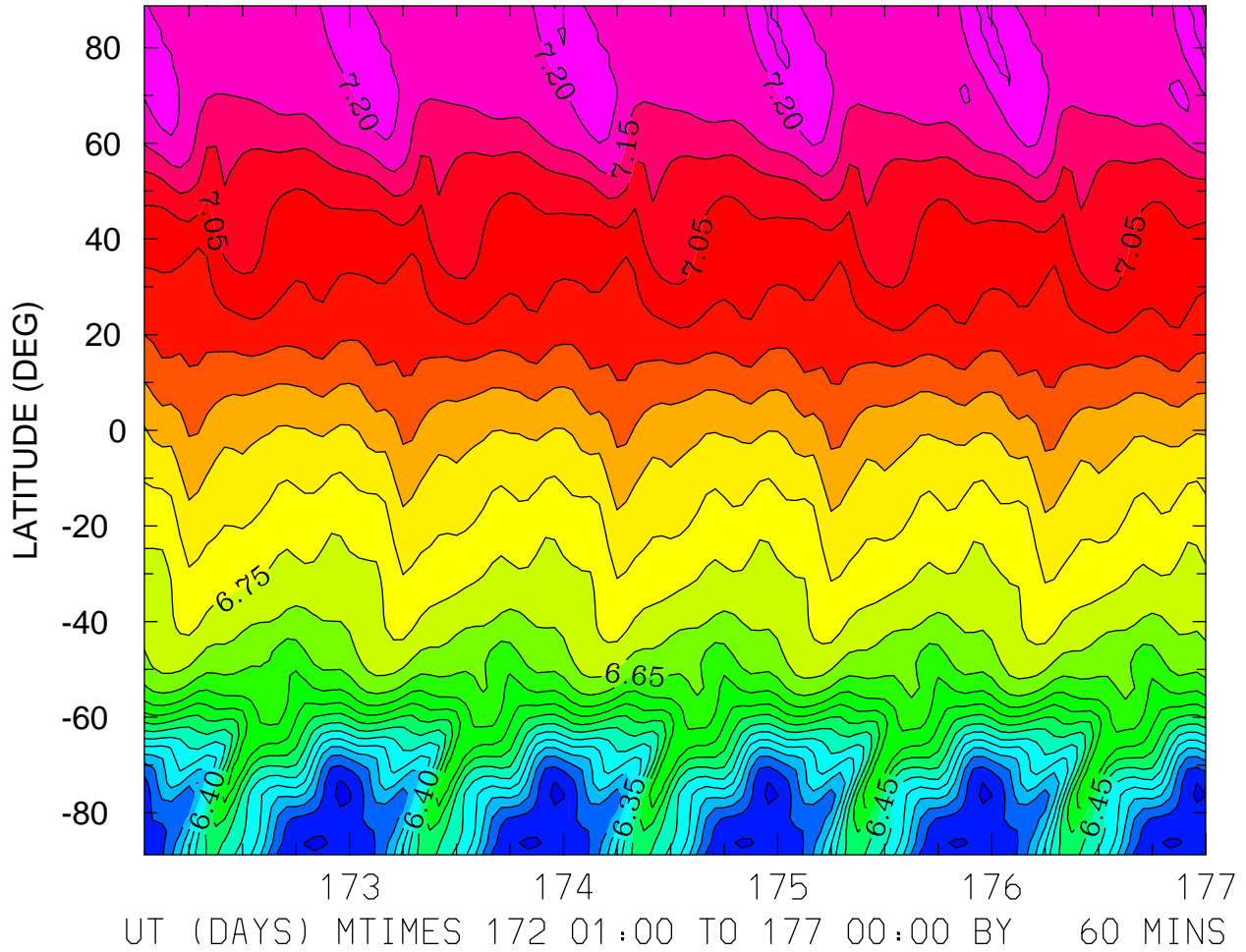
MIN,MAX= 9.1199E+00 9.5431E+00 INTERVAL= 2.5000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



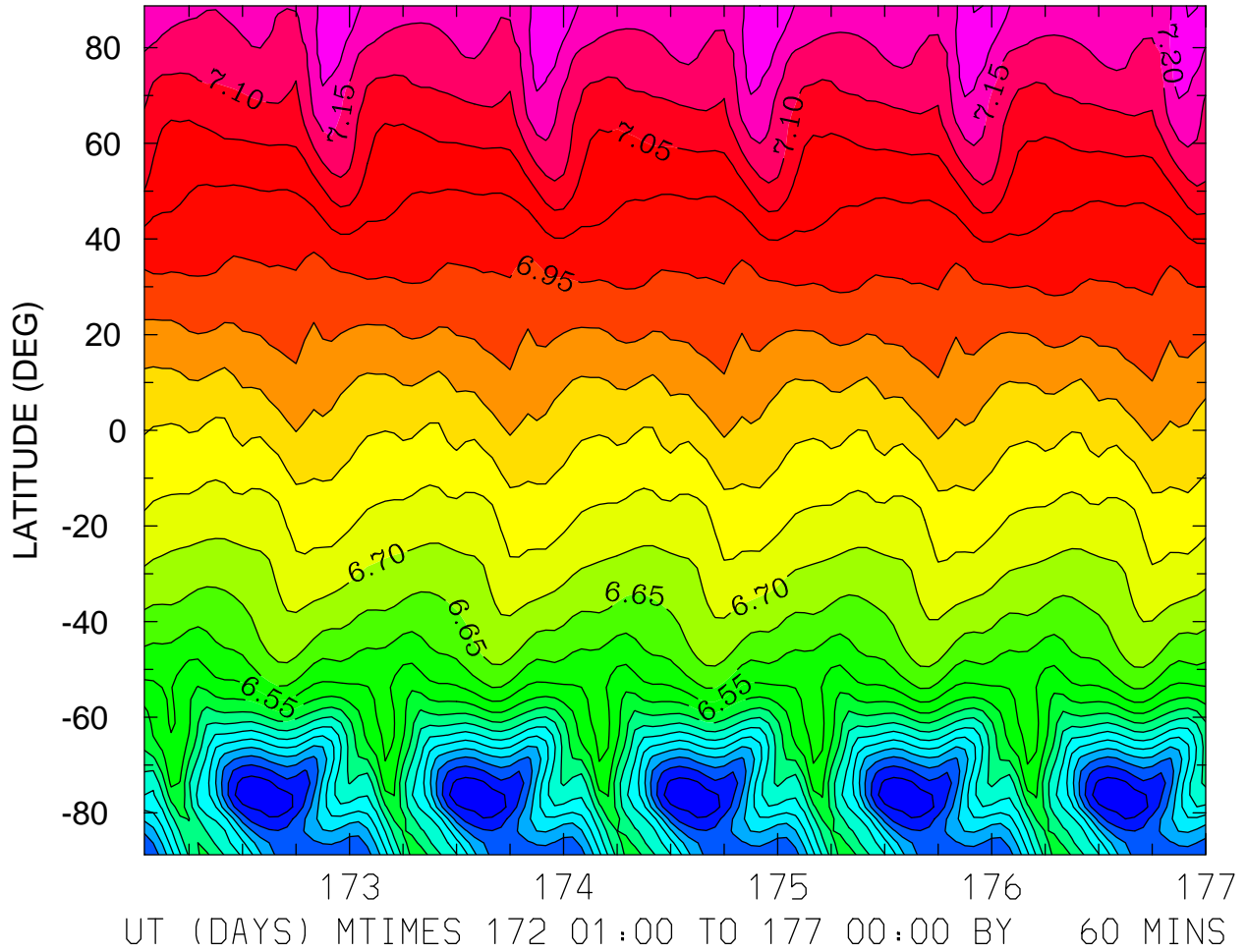
MIN,MAX= 9.1574E+00 9.5448E+00 INTERVAL= 2.5000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



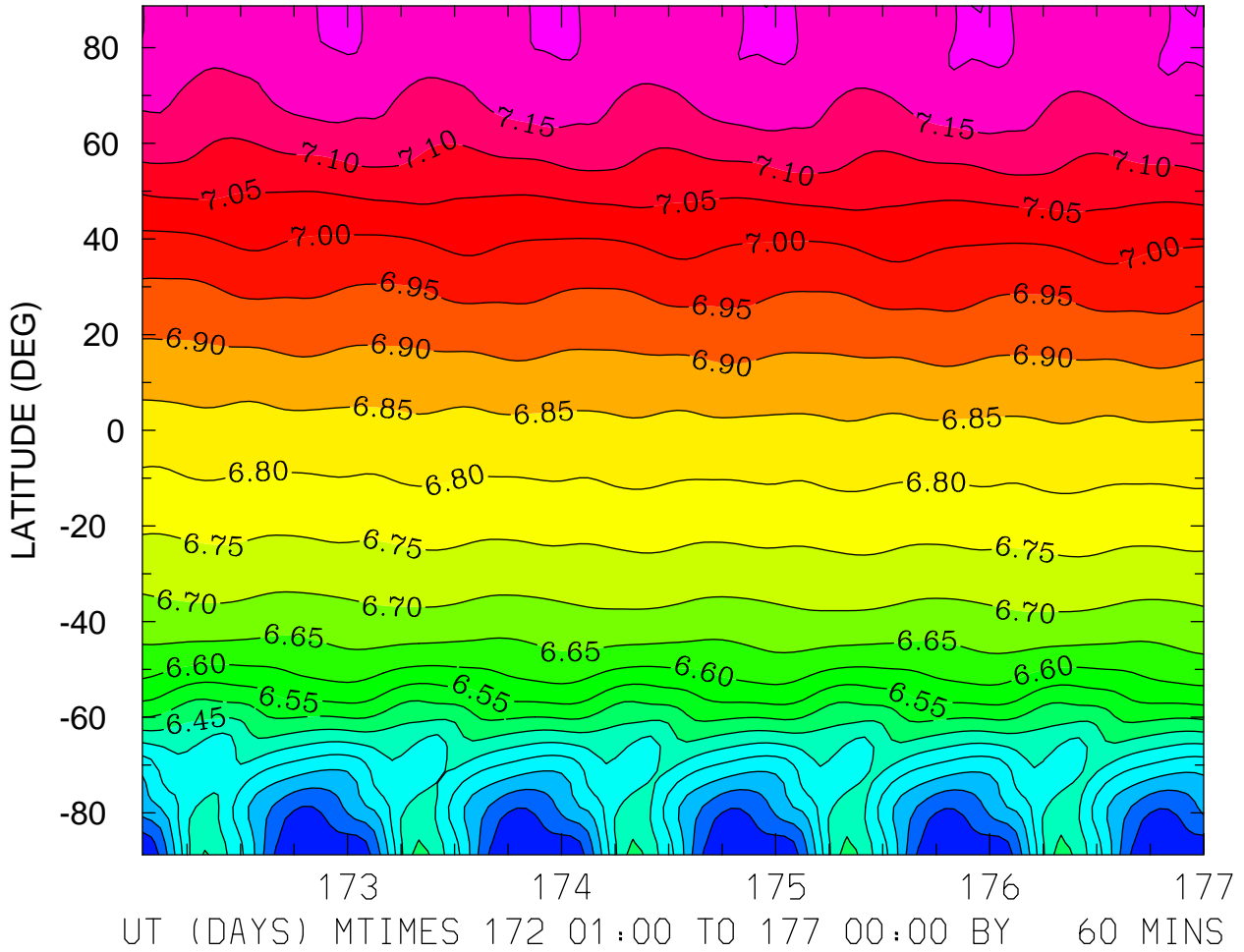
MIN,MAX= 6.1385E+00 7.2599E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



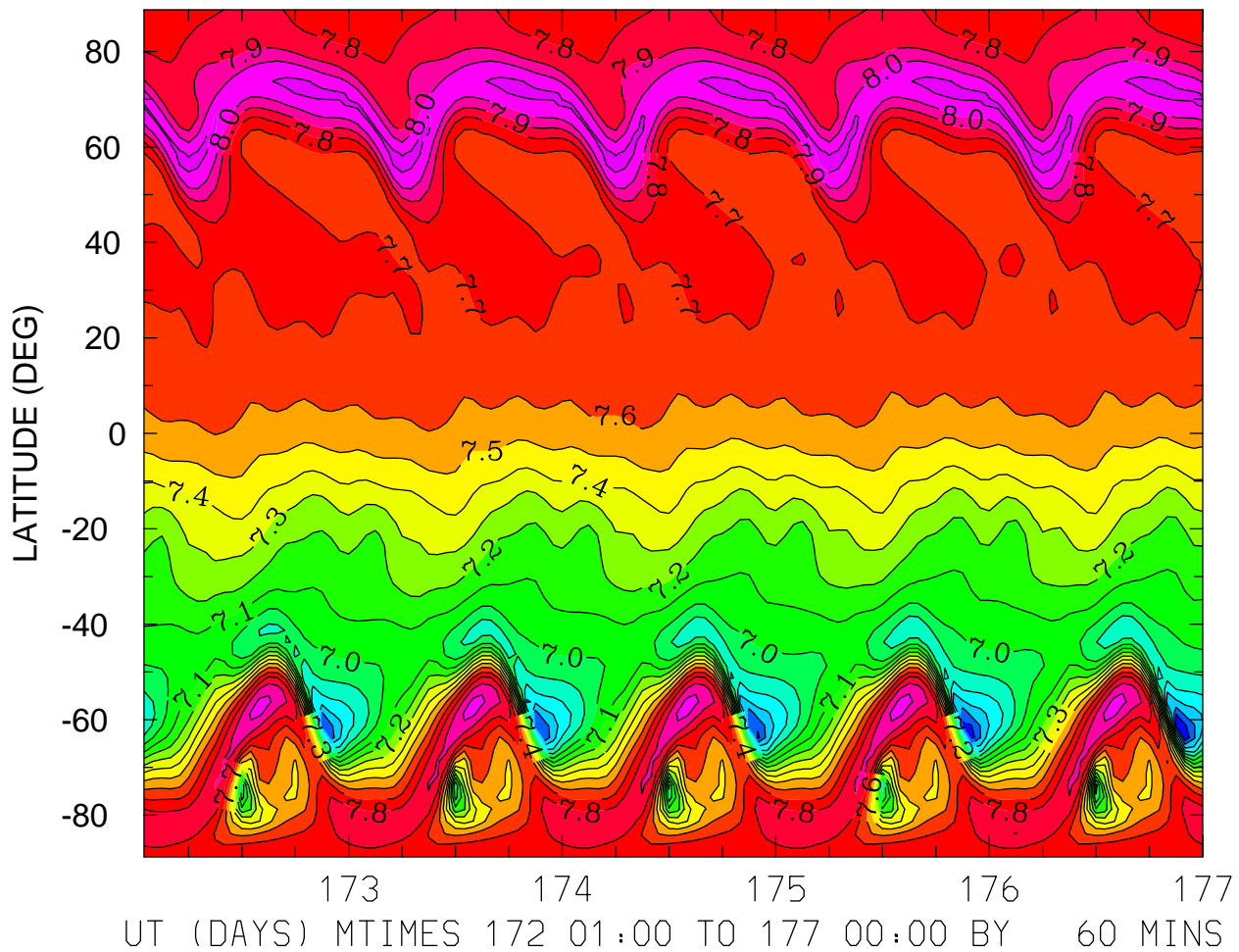
MIN,MAX= 6.0689E+00 7.2542E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

LOG10 MOLECULAR NITROGEN (CM3)  
ZP = 3.875 ZONAL MEANS



MIN,MAX= 6.1475E+00 7.2550E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

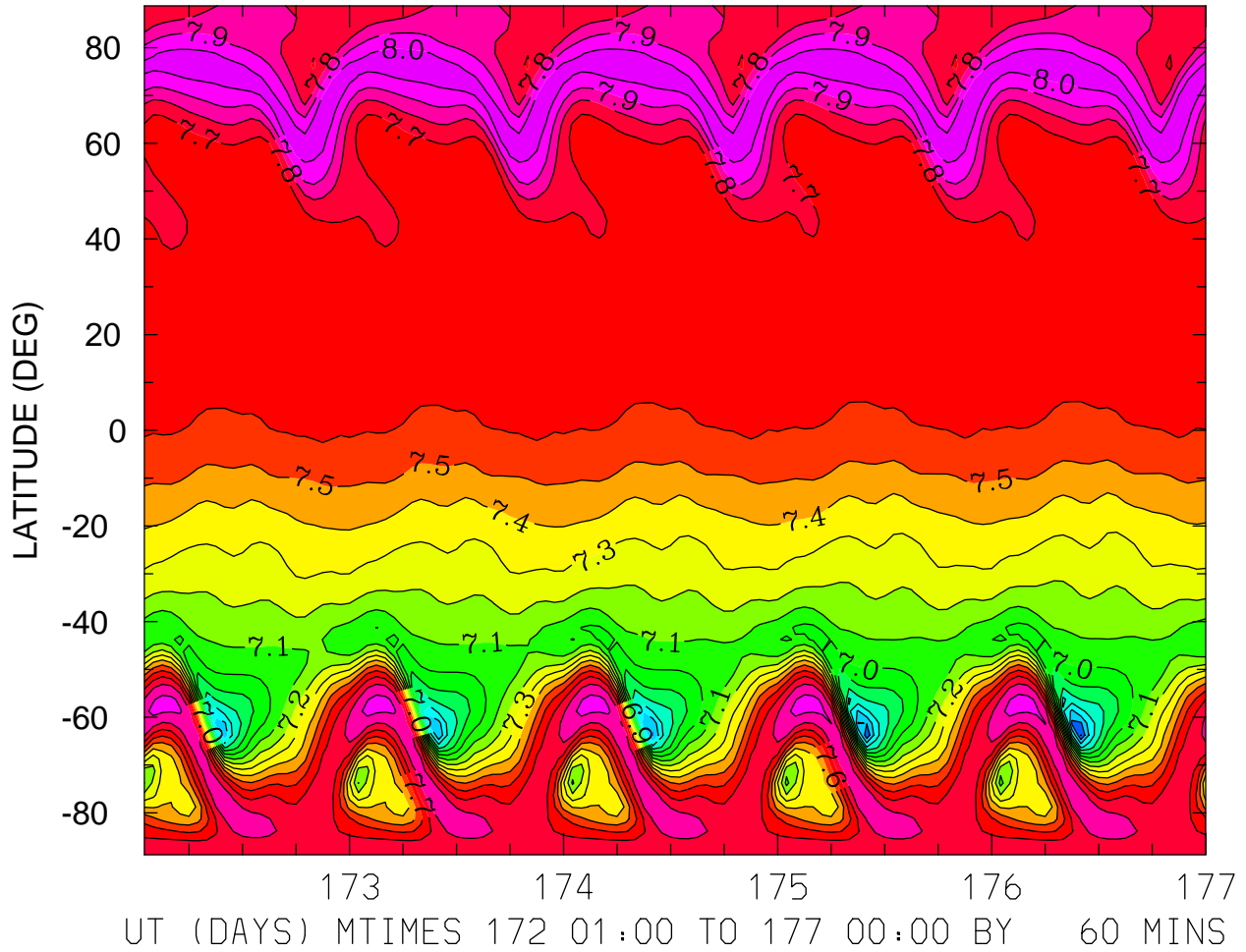
LOG10 NITRIC OXIDE (CM3)  
ZP = -4.125 LOCAL TIME = 0.00



MIN,MAX= 6.4225E+00 8.1276E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

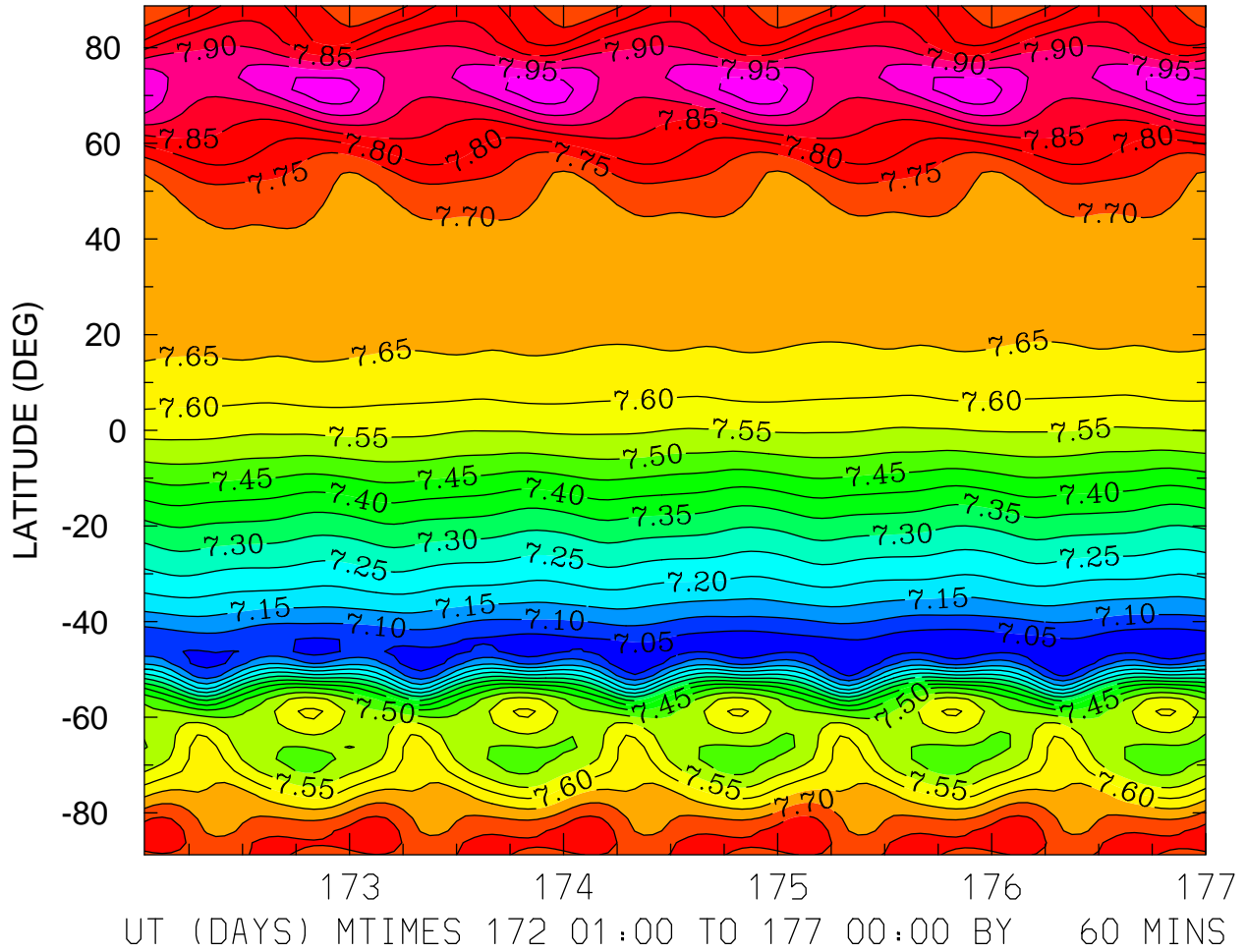


LOG10 NITRIC OXIDE (CM3)  
ZP = -4.125 LOCAL TIME = 12.00



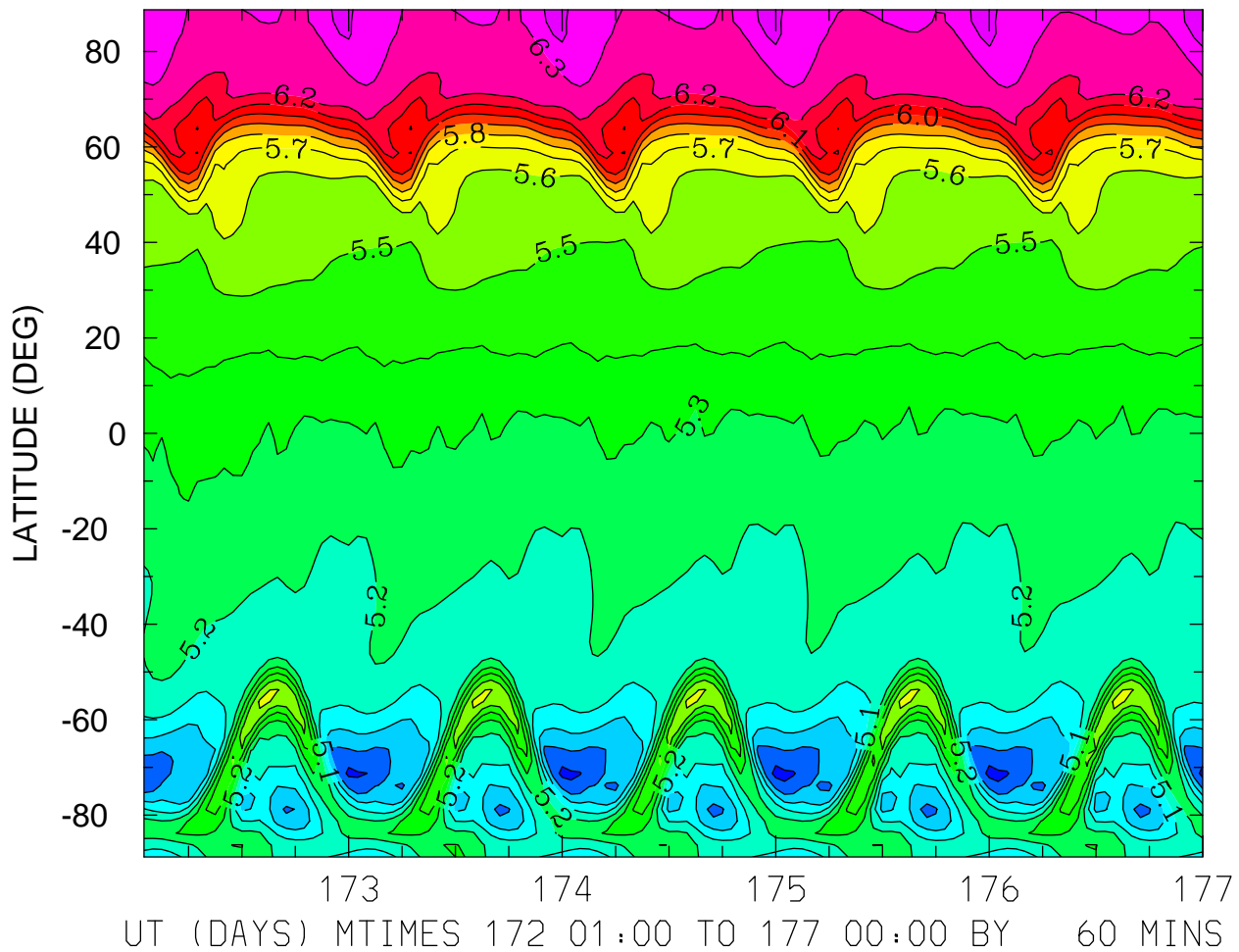
MIN,MAX= 6.3981E+00 8.0686E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



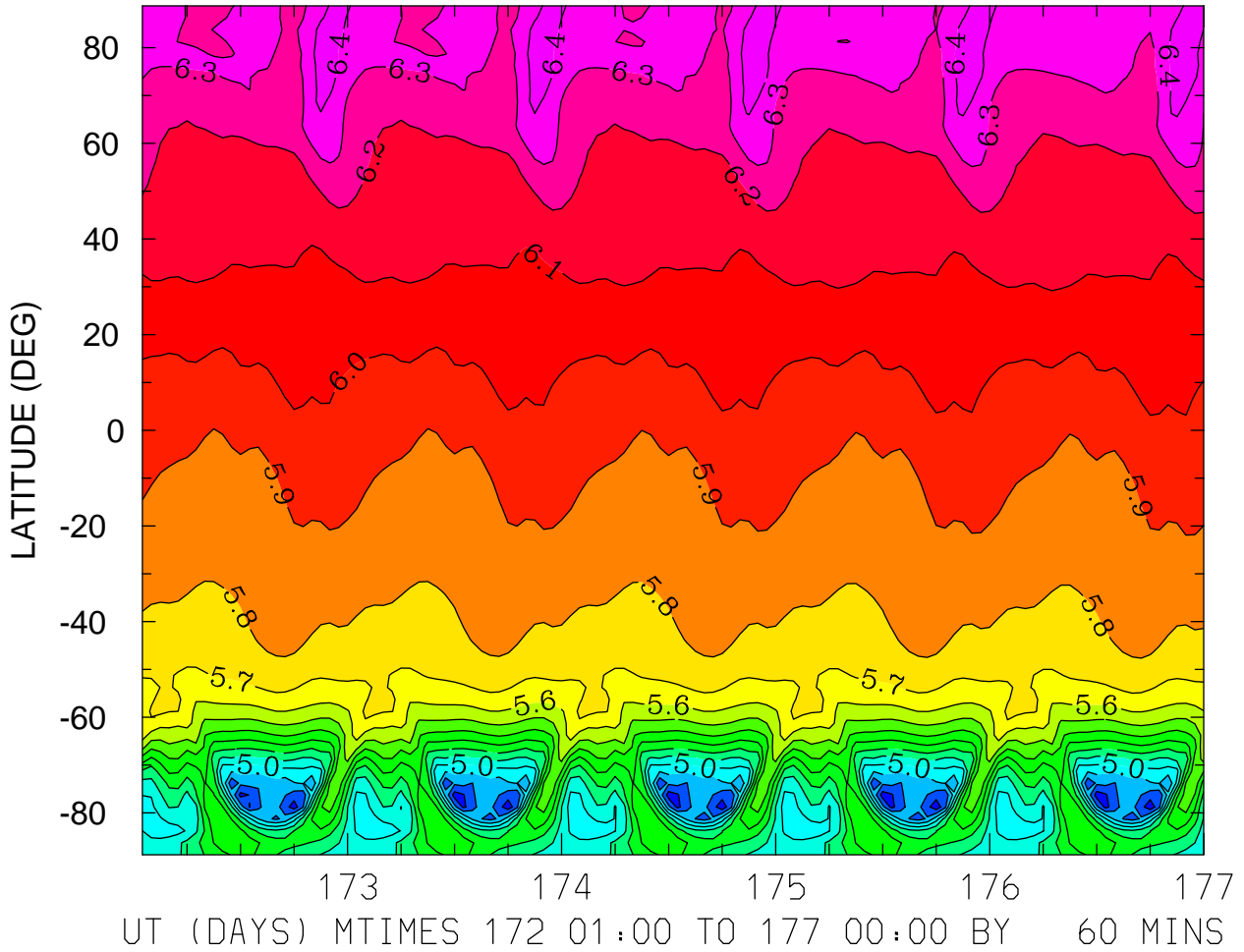
MIN,MAX= 6.9994E+00 8.0300E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



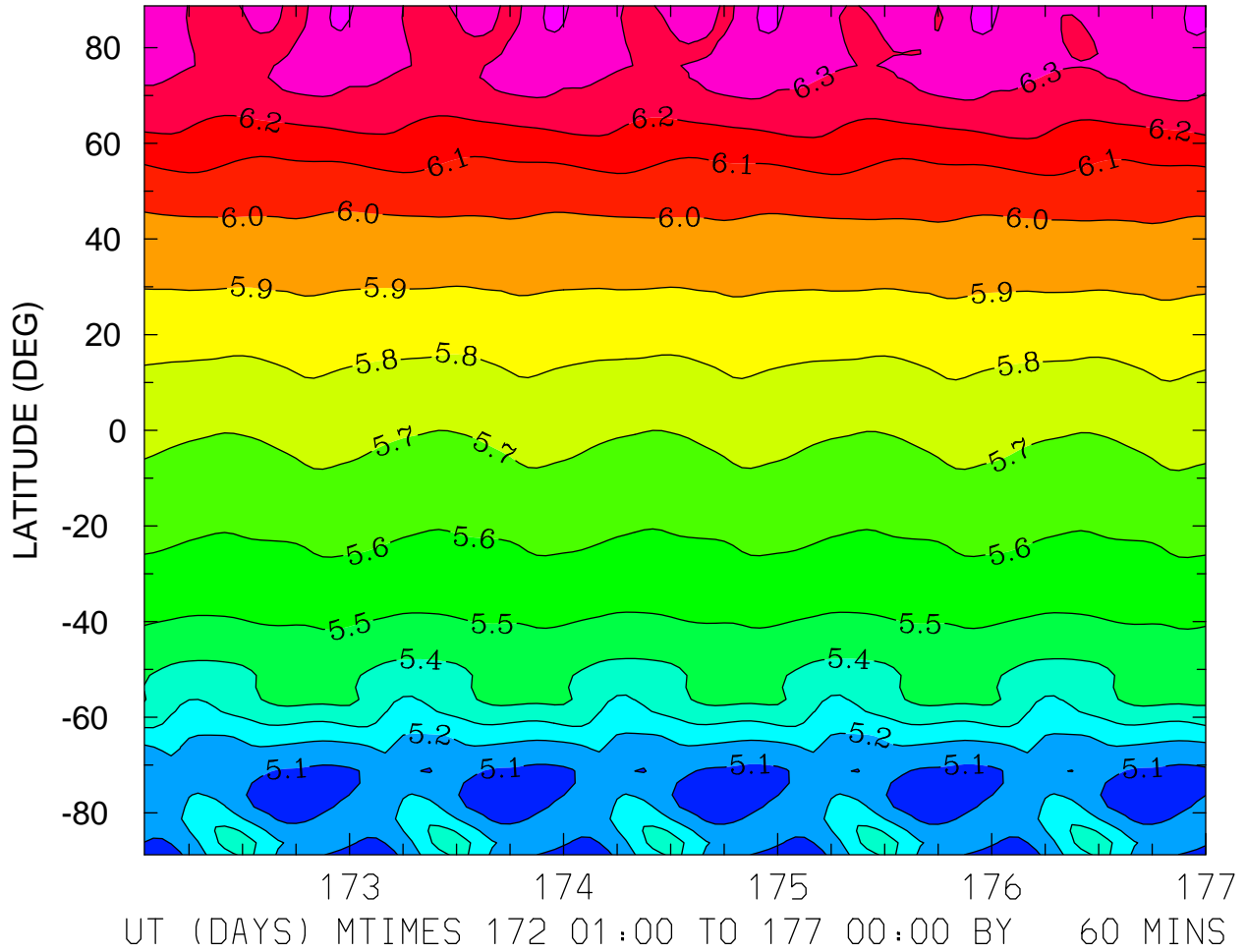
MIN,MAX= 4.7696E+00 6.4312E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



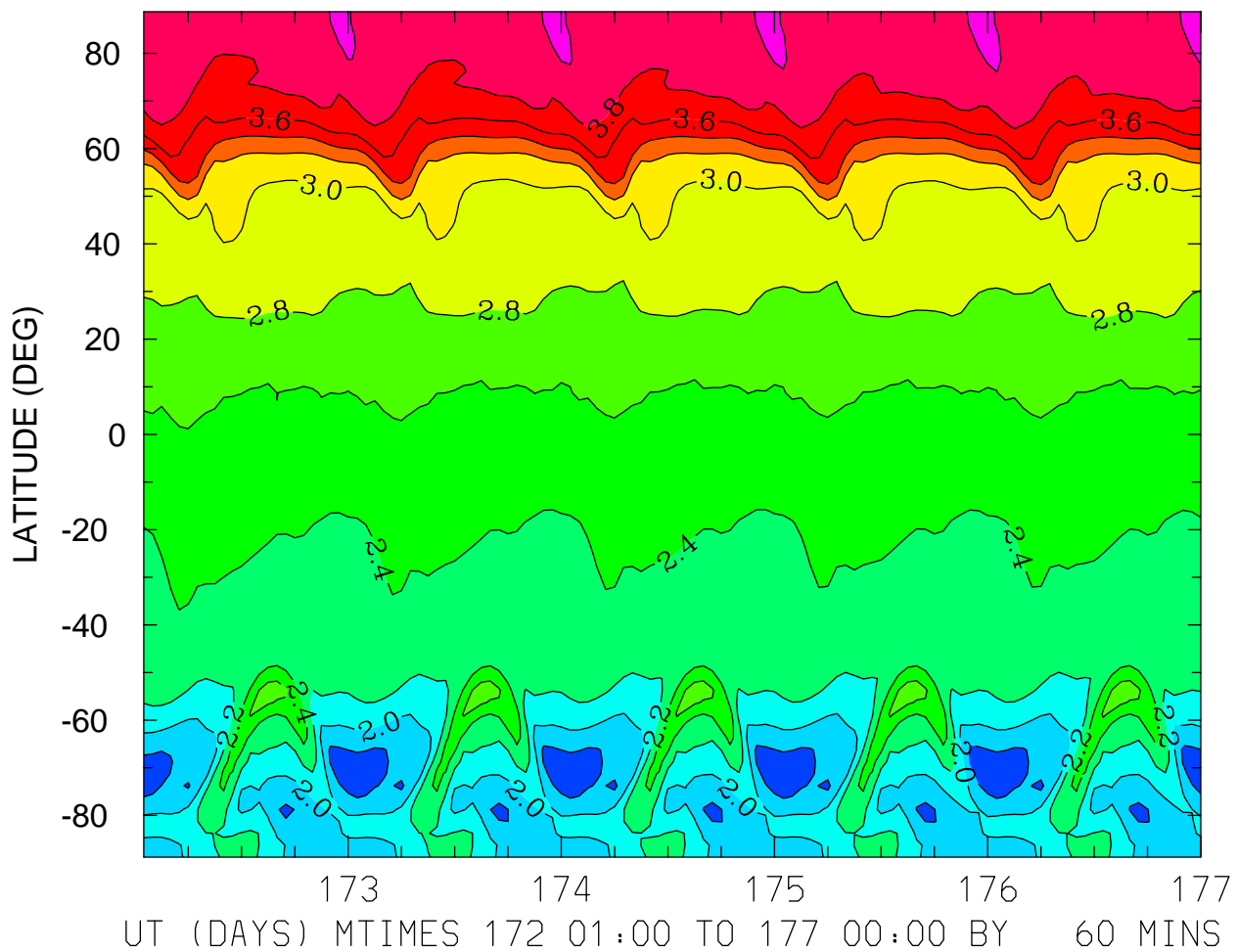
MIN,MAX= 4.6278E+00 6.4547E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



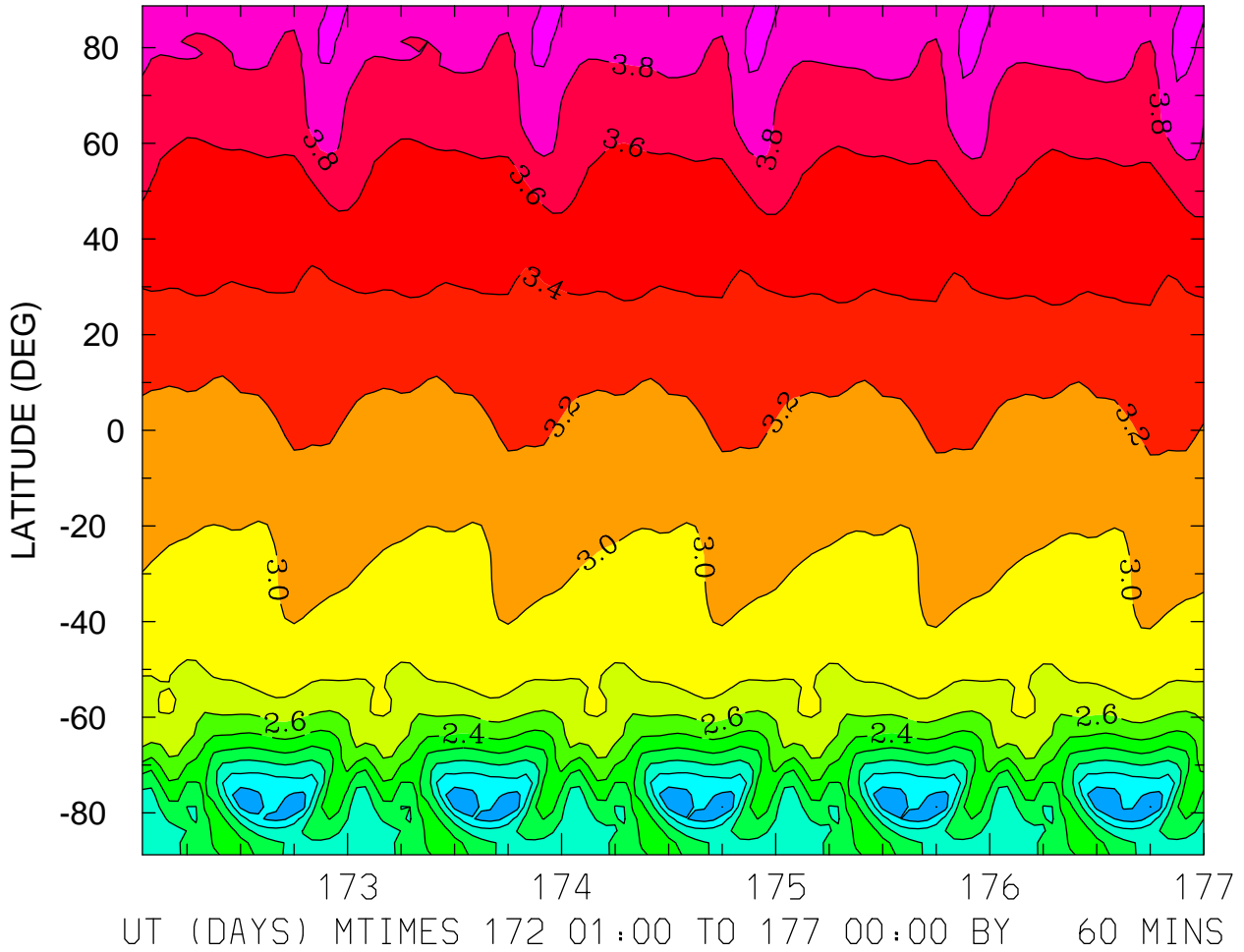
MIN,MAX= 5.0165E+00 6.4312E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



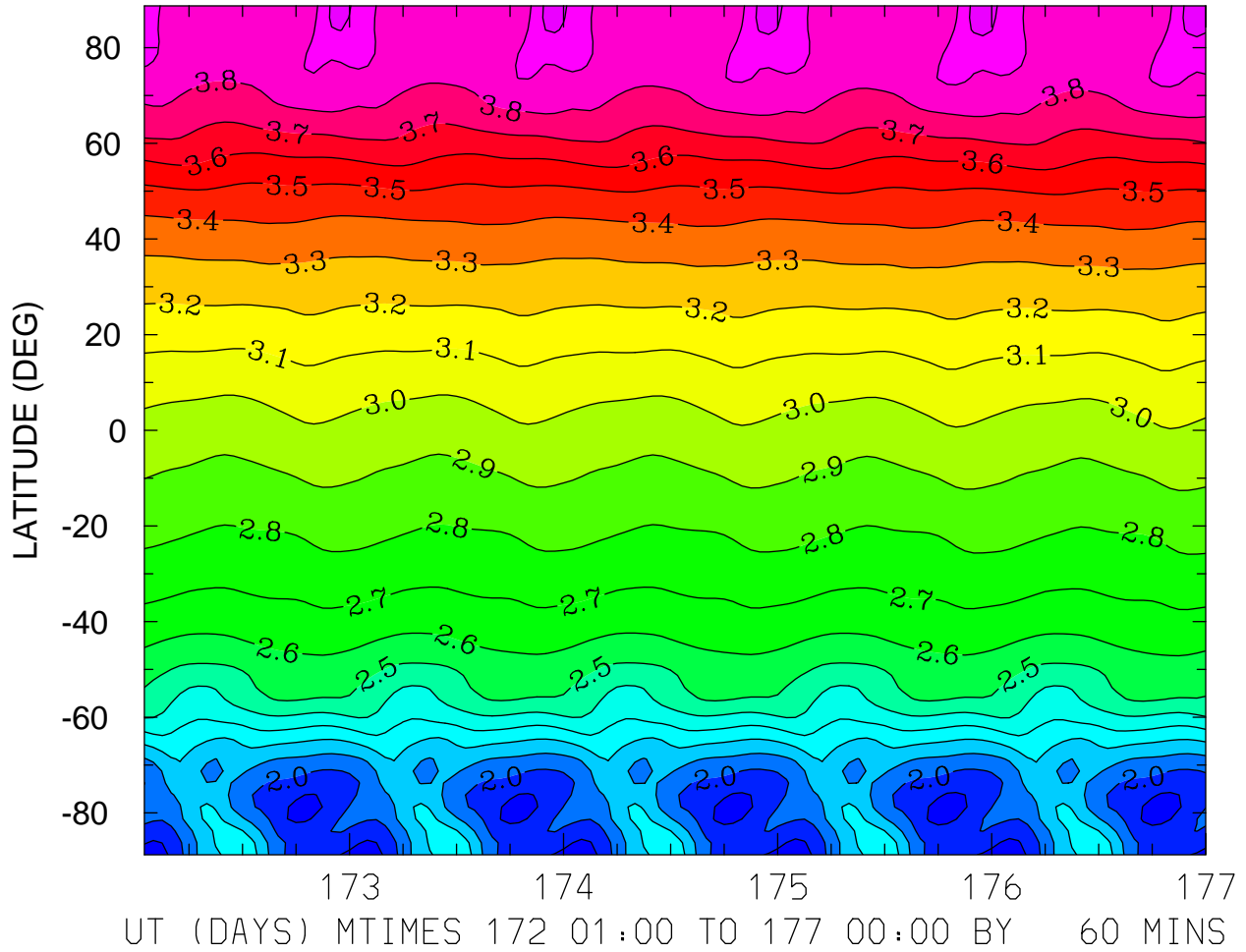
MIN,MAX= 1.6114E+00 4.0566E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



MIN,MAX= 1.3966E+00 4.0681E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

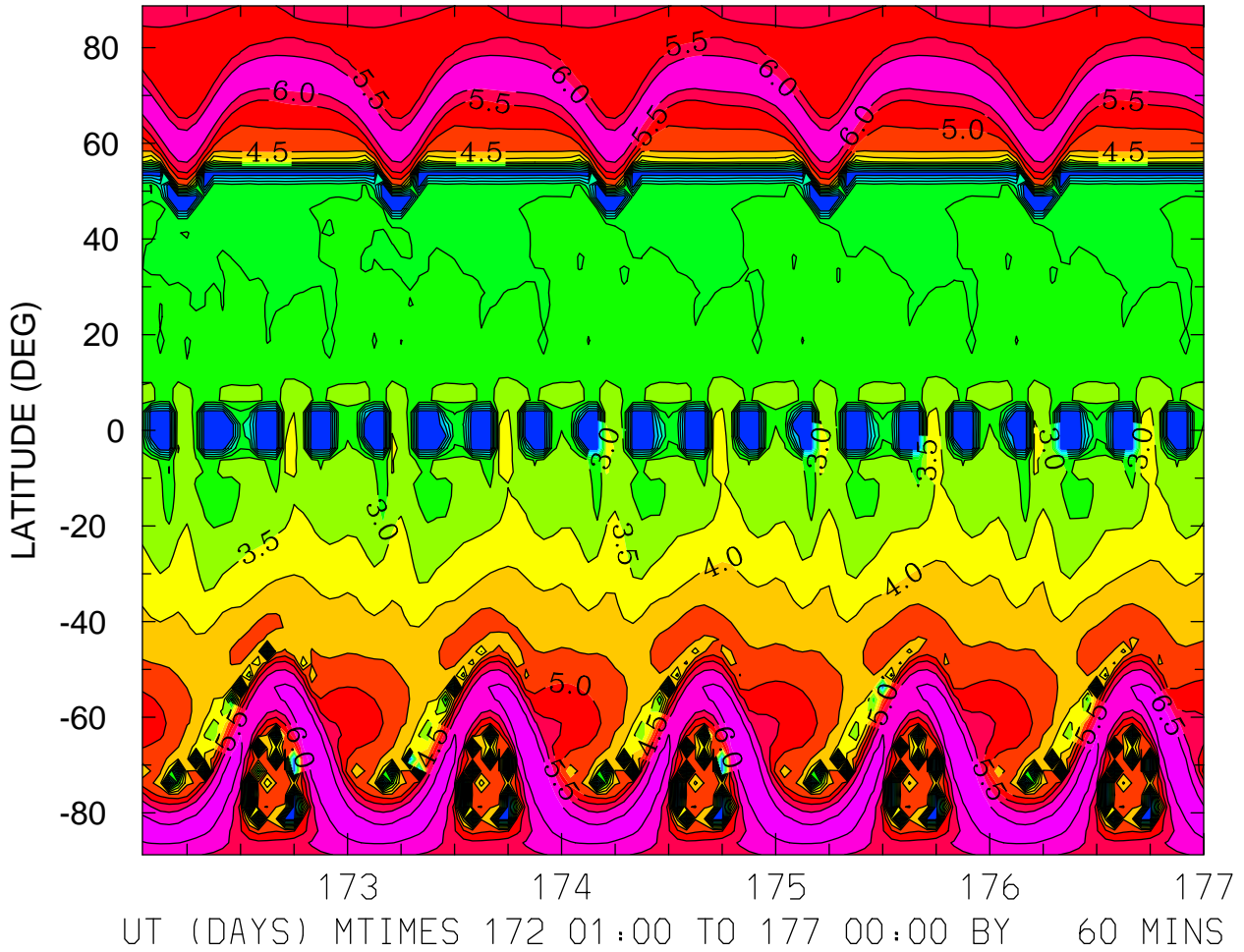
LOG10 NITRIC OXIDE (CM3)  
ZP = 3.875 ZONAL MEANS



MIN,MAX= 1.8351E+00 4.0550E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc



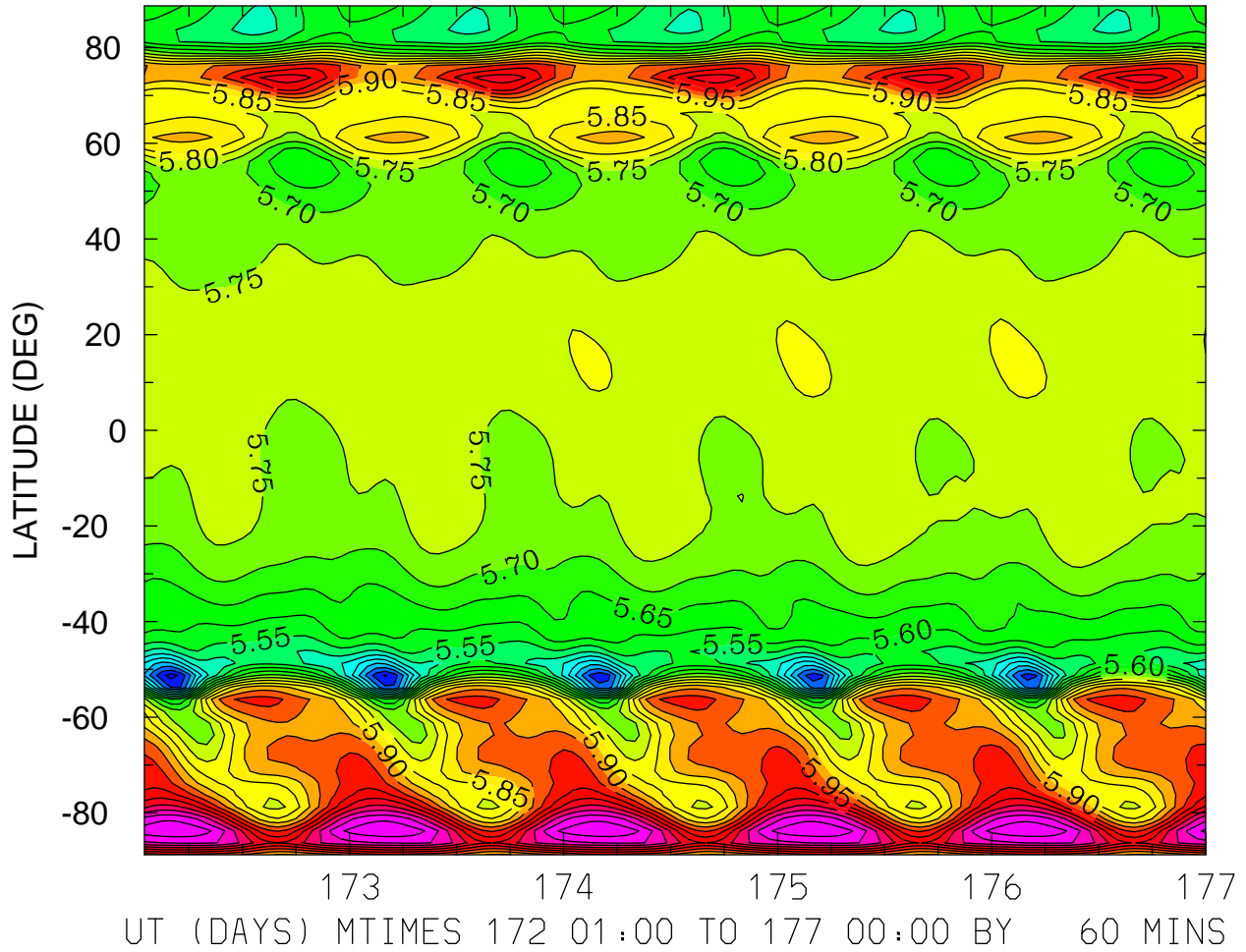
LOG10 N4S (CM3)  
ZP = -4.125 LOCAL TIME = 0.00



MIN,MAX= 6.7588E-02 6.8806E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

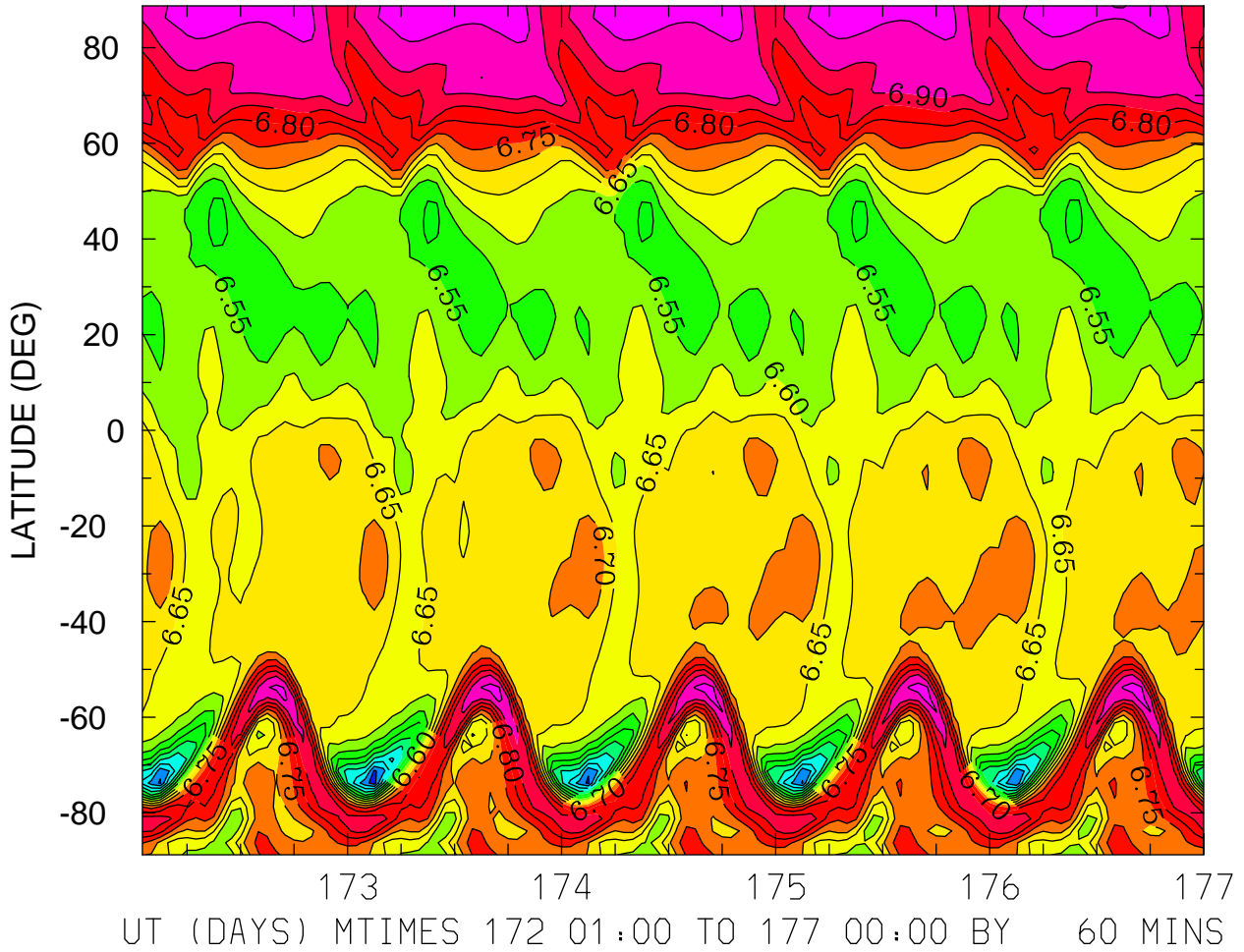


LOG10 N4S (CM3)  
ZP = -4.125 ZONAL MEANS



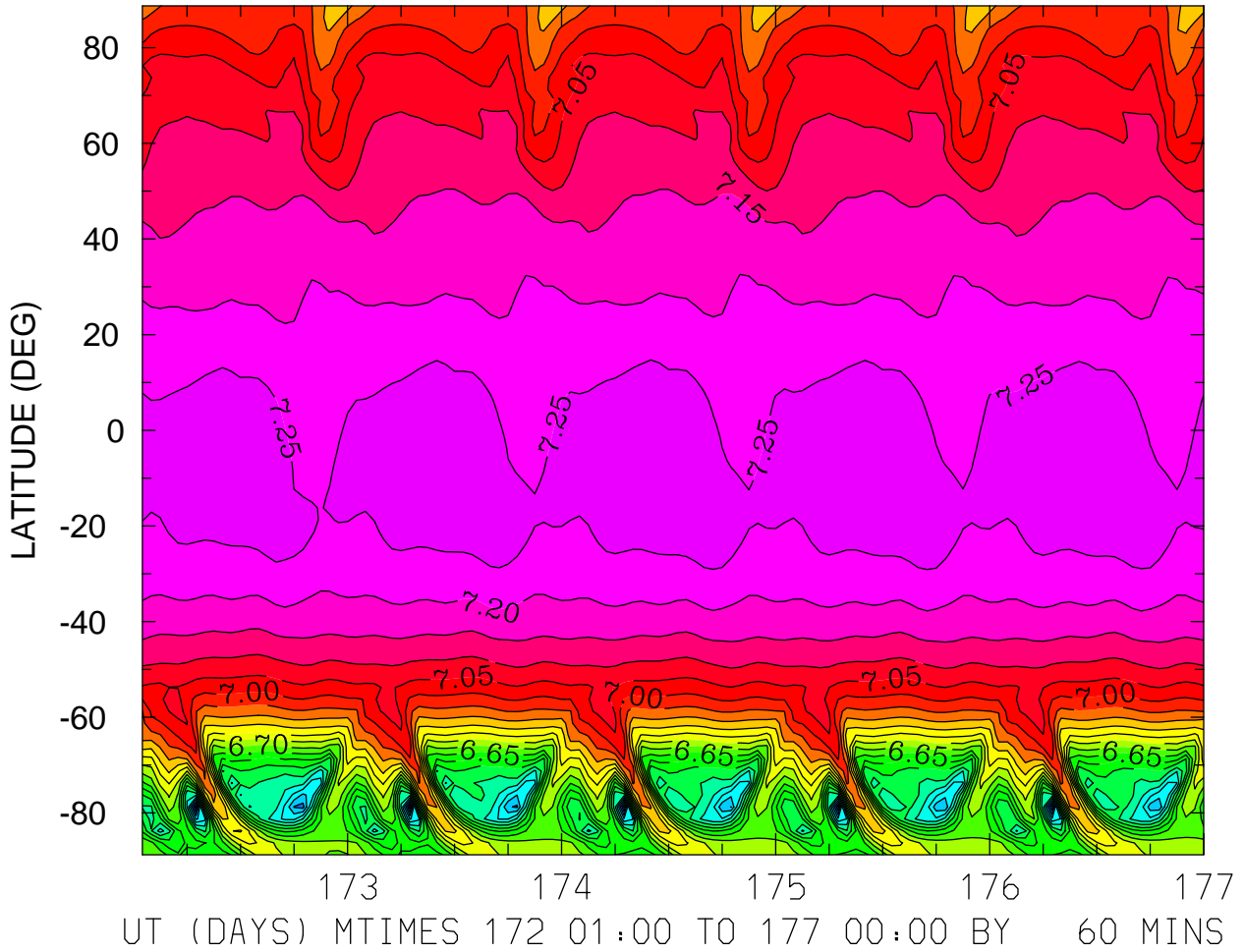
MIN,MAX= 5.1803E+00 6.3444E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



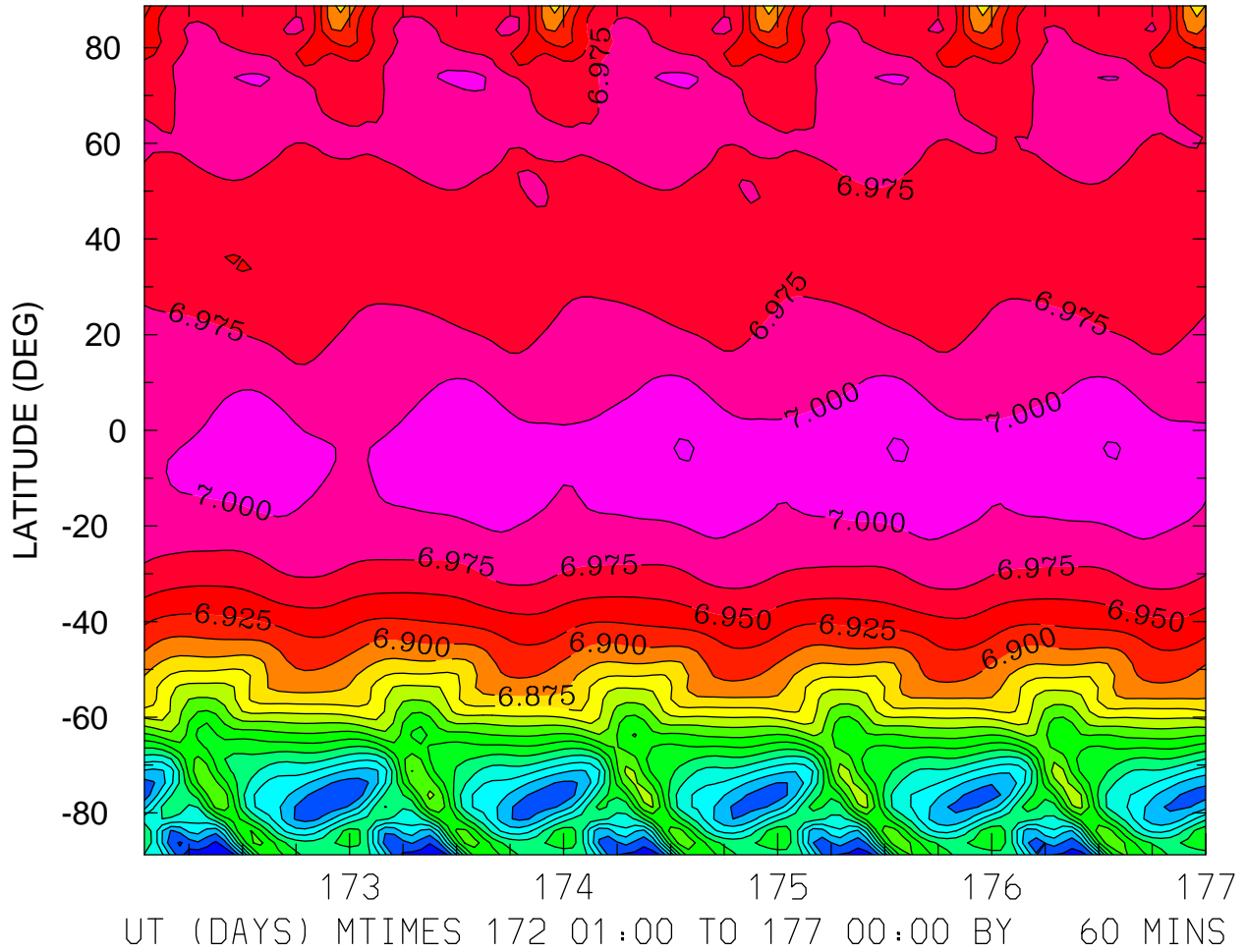
MIN,MAX= 6.2246E+00 6.9741E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



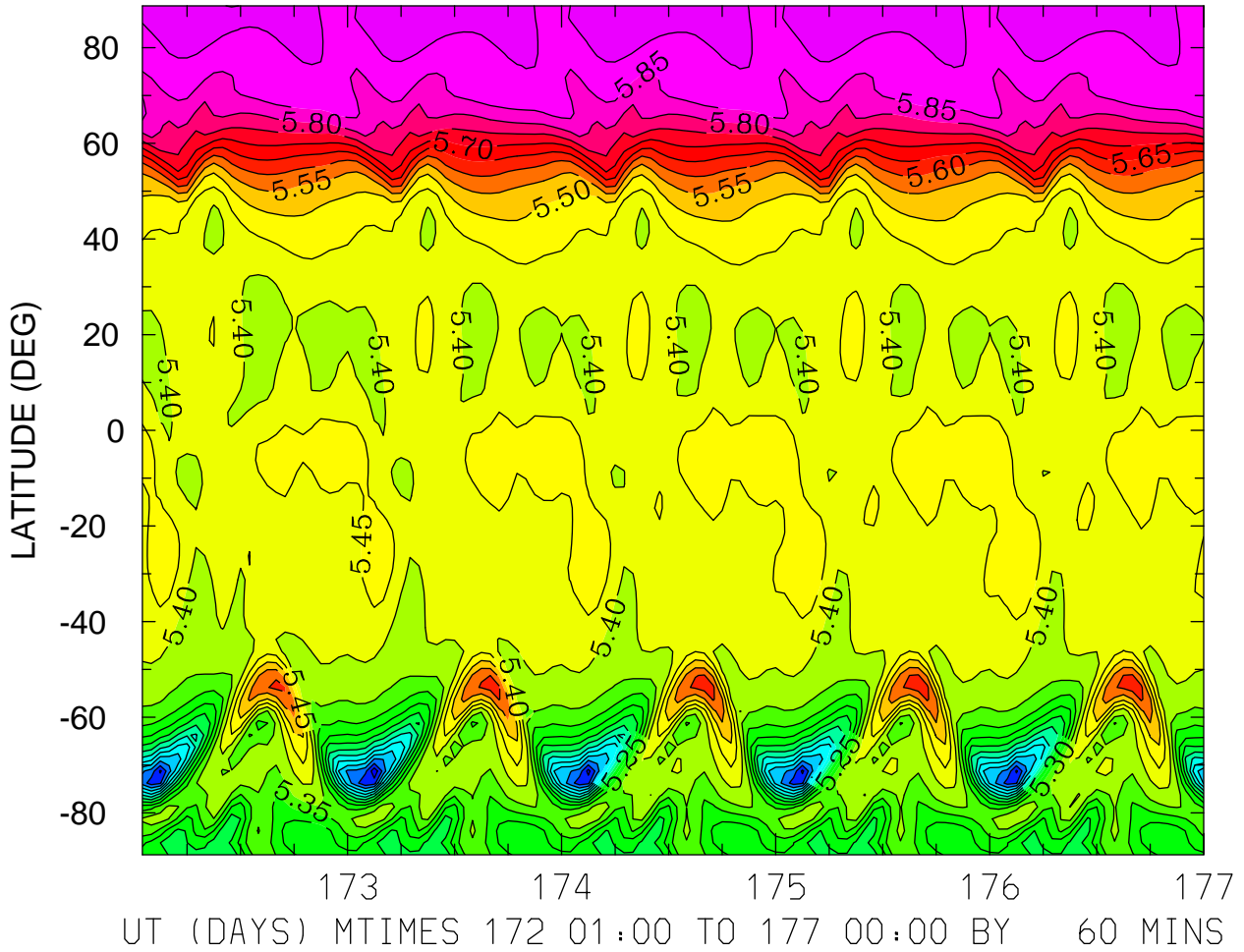
MIN,MAX= 6.1751E+00 7.2959E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

LOG10 N4S (CM3)  
ZP = -0.125 ZONAL MEANS



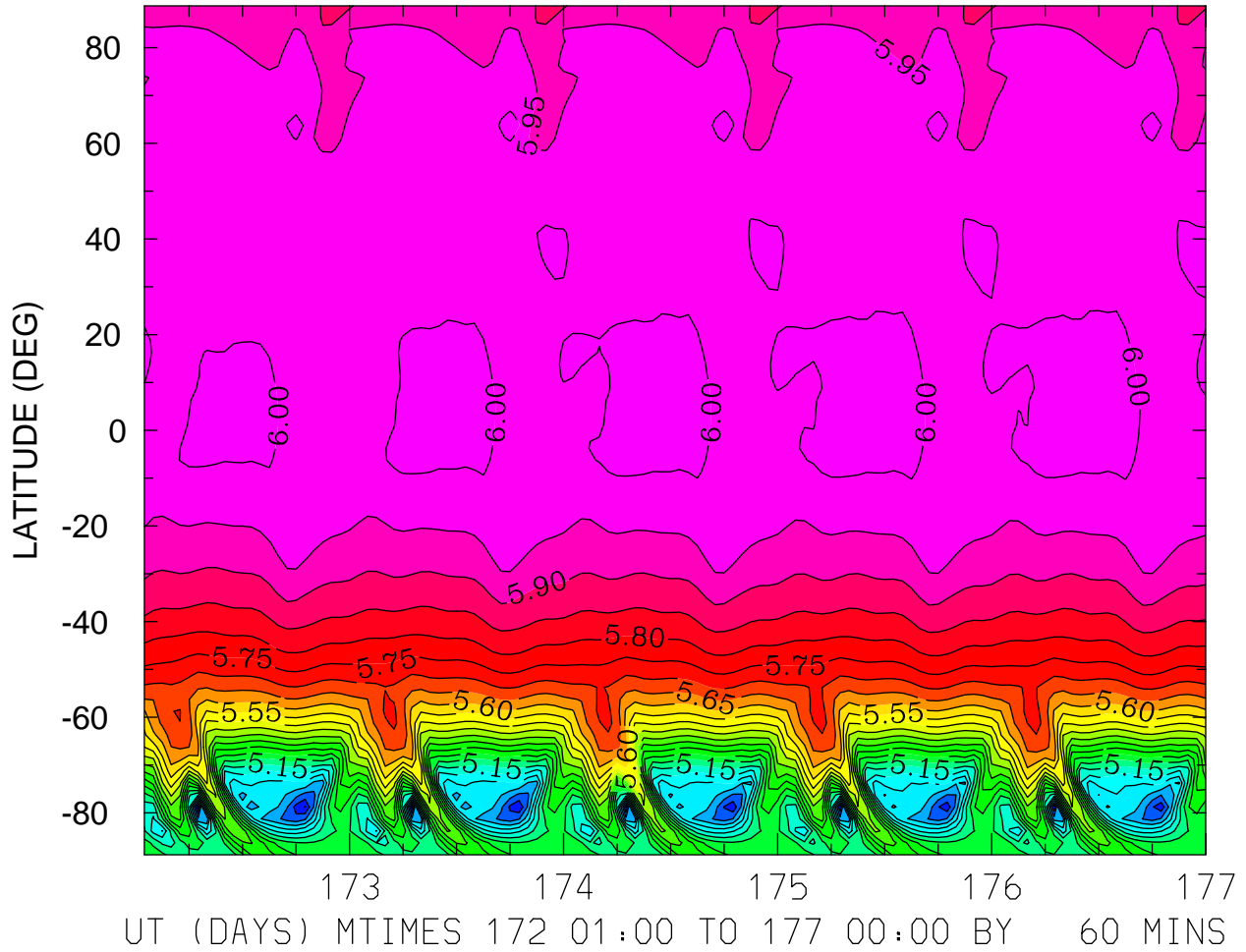
MIN,MAX= 6.5768E+00 7.0261E+00 INTERVAL= 2.5000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



MIN,MAX= 4.8153E+00 5.9278E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

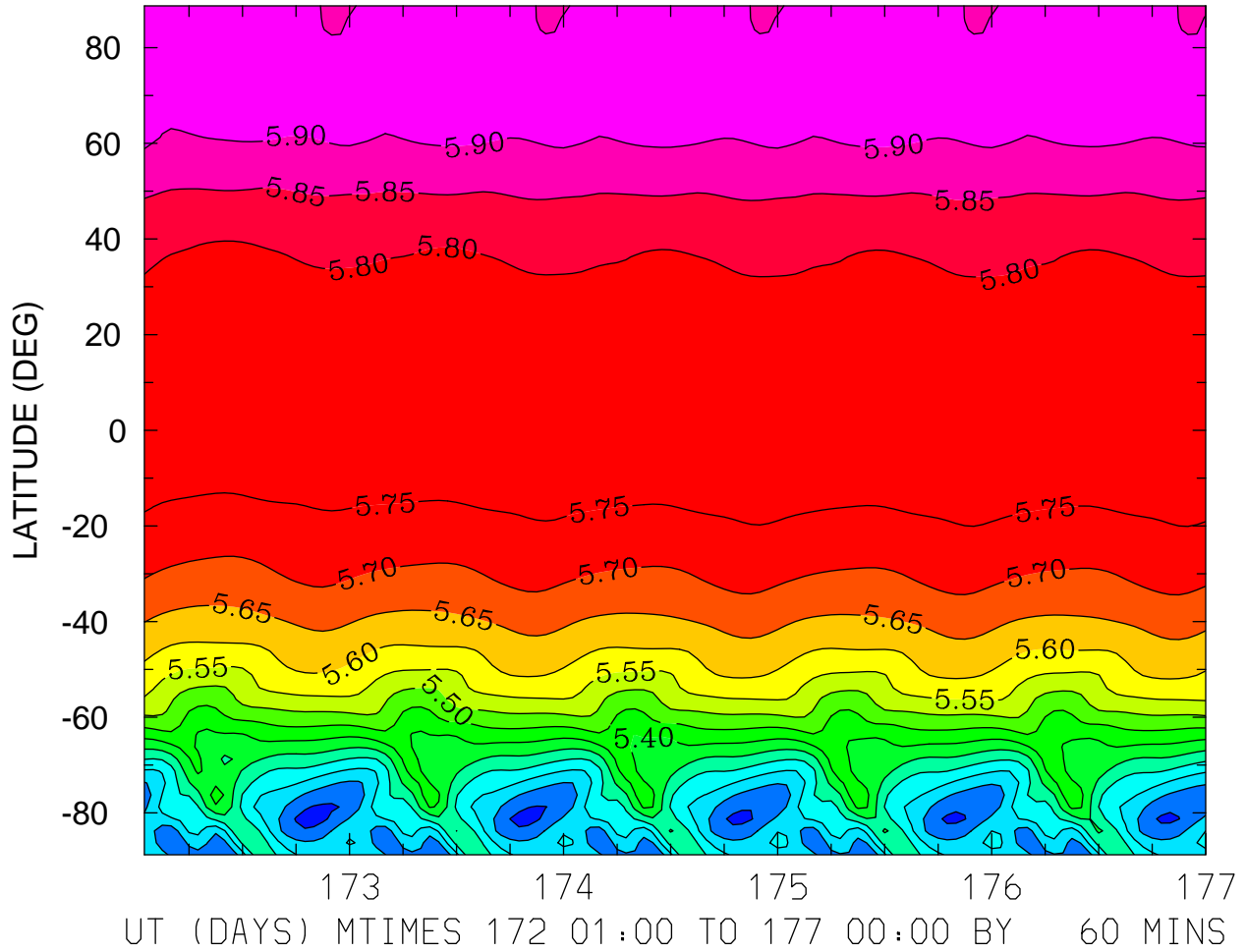
LOG10 N4S (CM3)  
ZP = 3.875 LOCAL TIME = 12.00



MIN,MAX= 4.8300E+00 6.0265E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

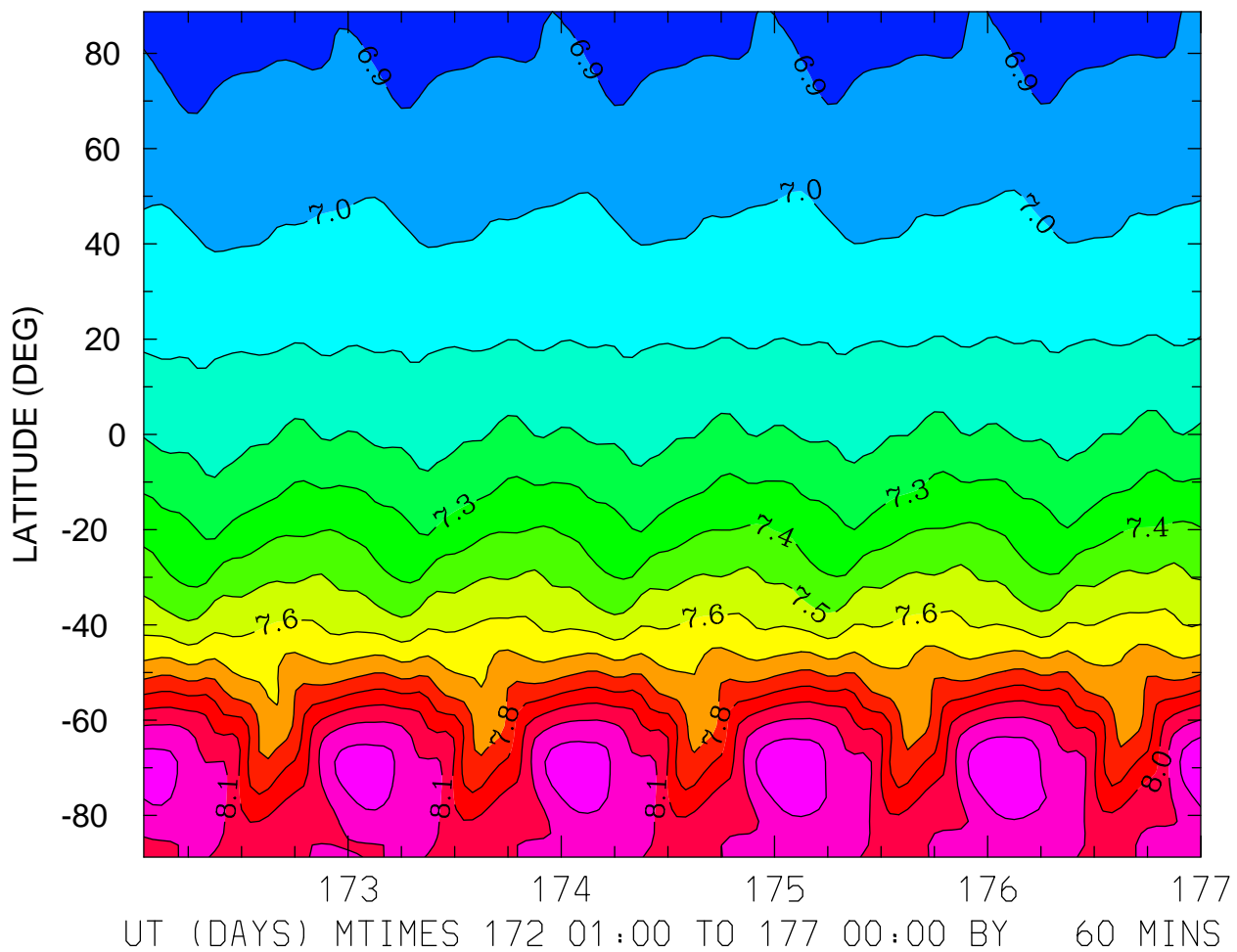


LOG10 N4S (CM3)  
ZP = 3.875 ZONAL MEANS



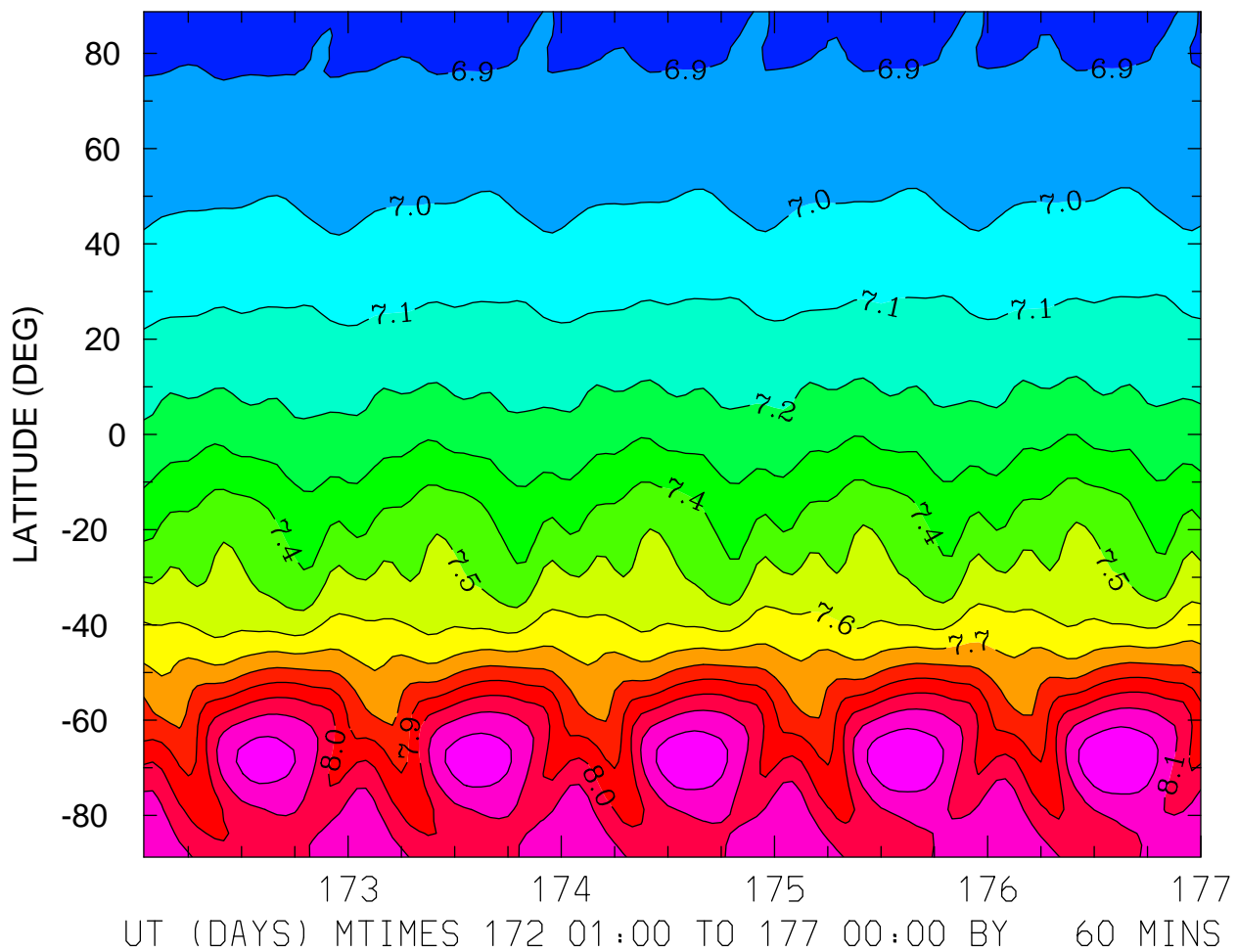
MIN,MAX= 5.1318E+00 5.9418E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



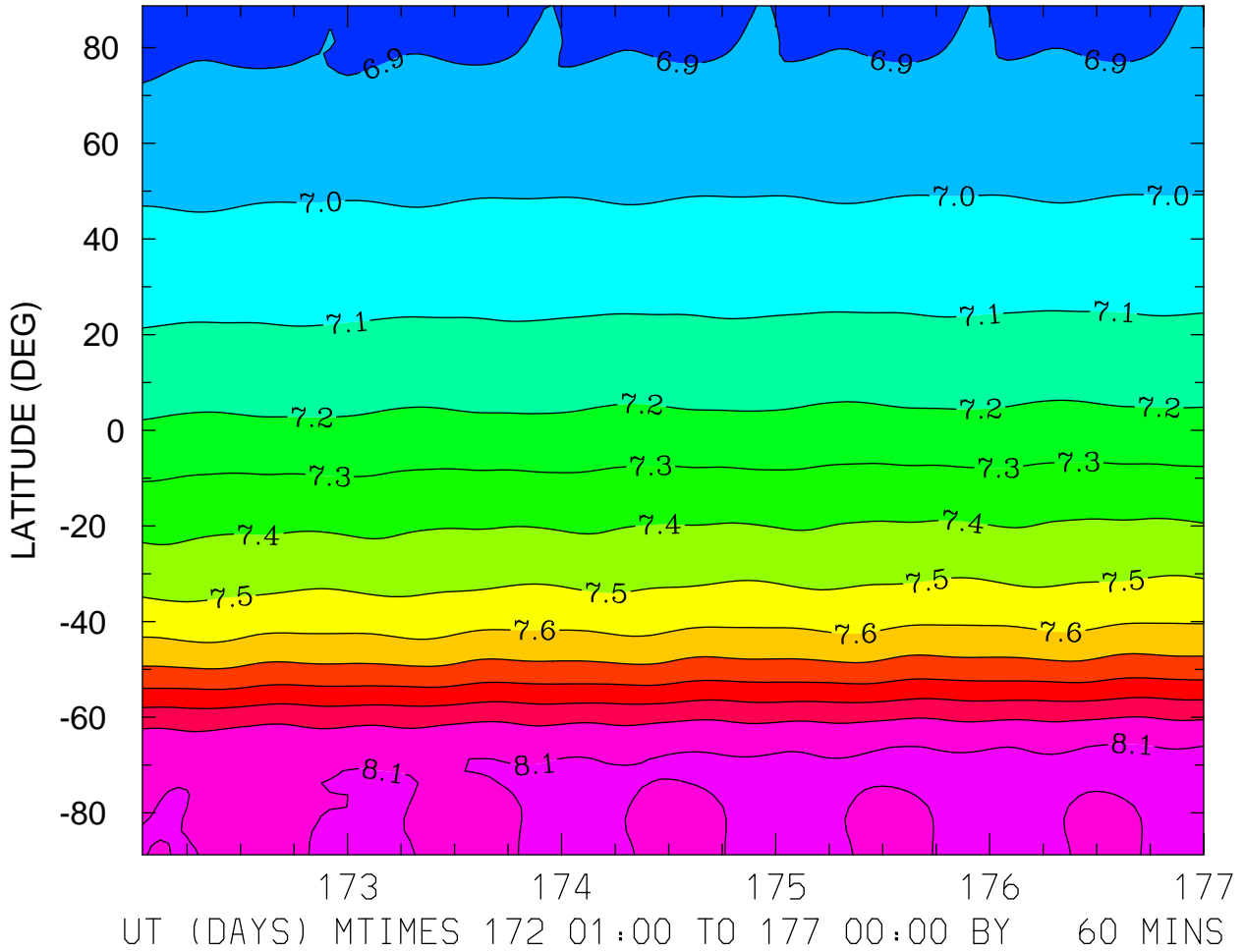
MIN,MAX= 6.8779E+00 8.2764E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



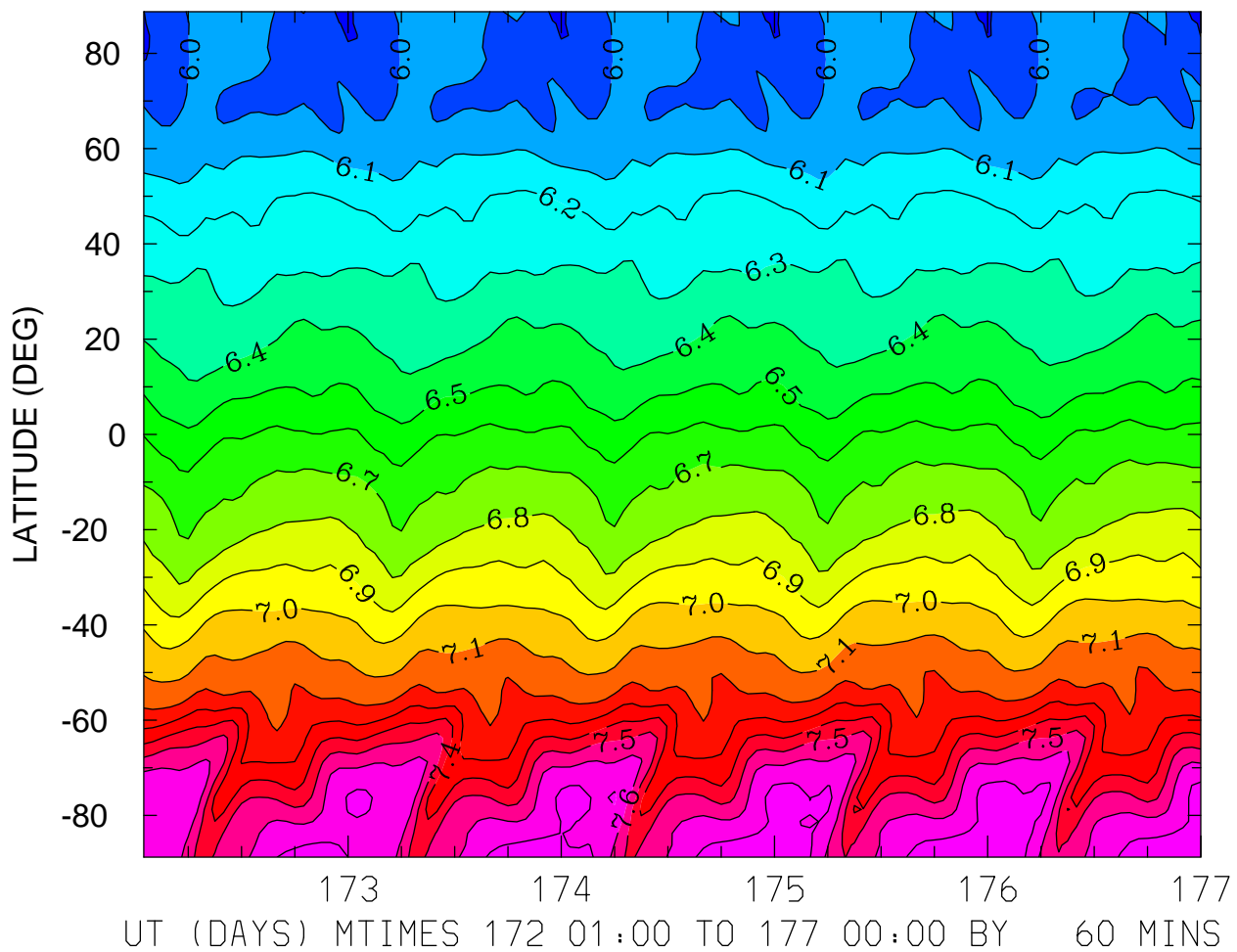
MIN,MAX= 6.8769E+00 8.2849E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



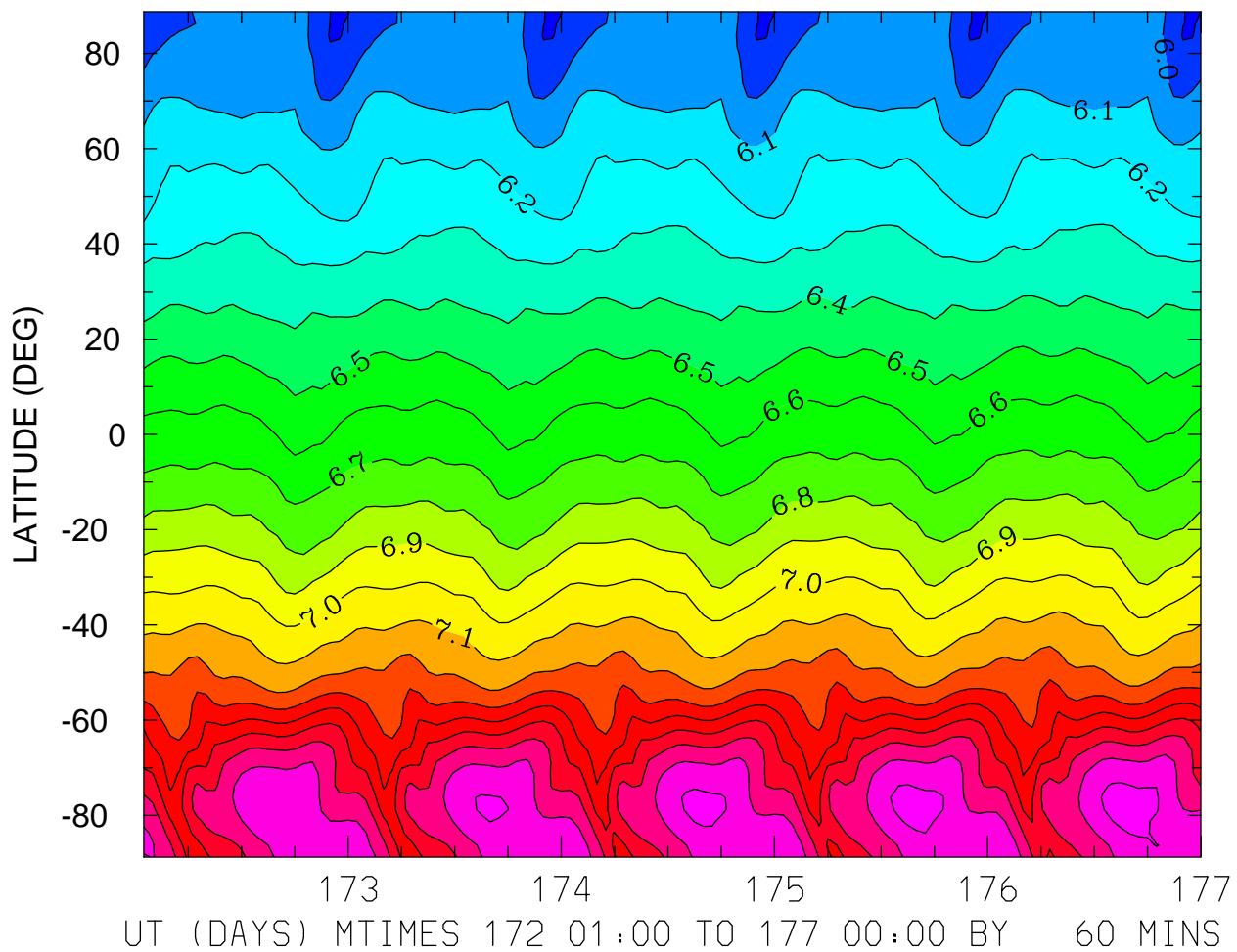
MIN,MAX= 6.8774E+00 8.1516E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



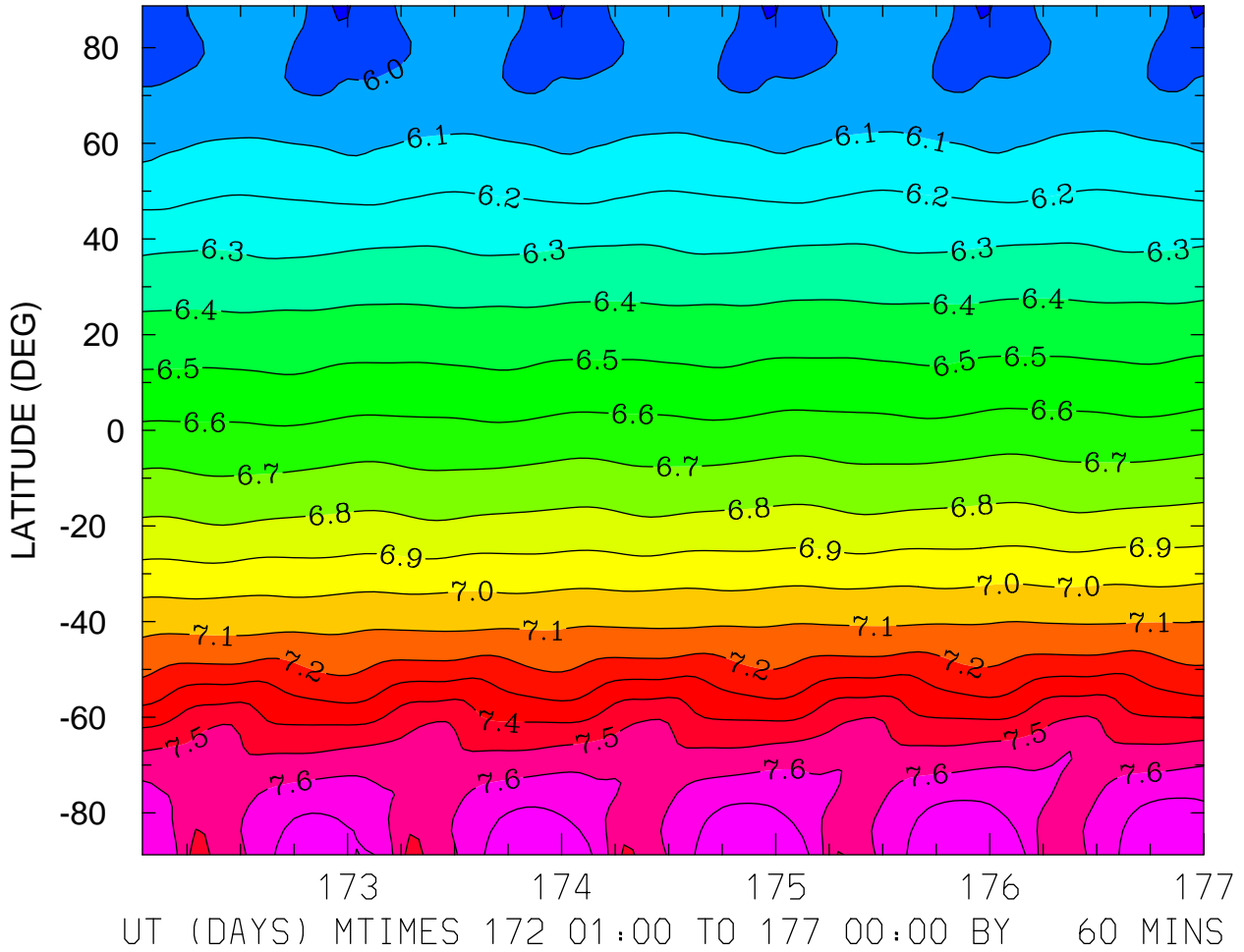
MIN,MAX= 5.8825E+00 7.7680E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



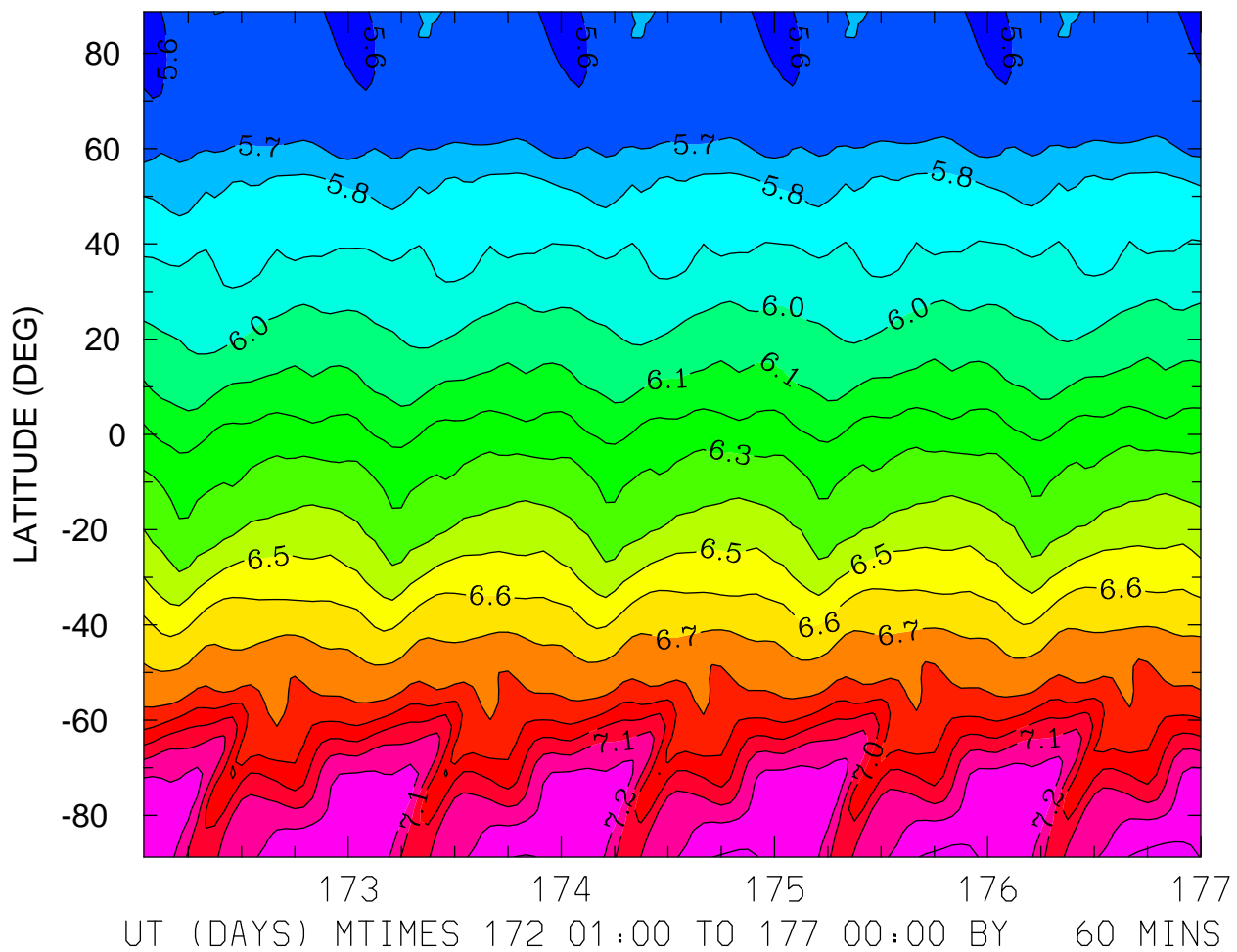
MIN,MAX= 5.8787E+00 7.8370E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



MIN,MAX= 5.8805E+00 7.7792E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

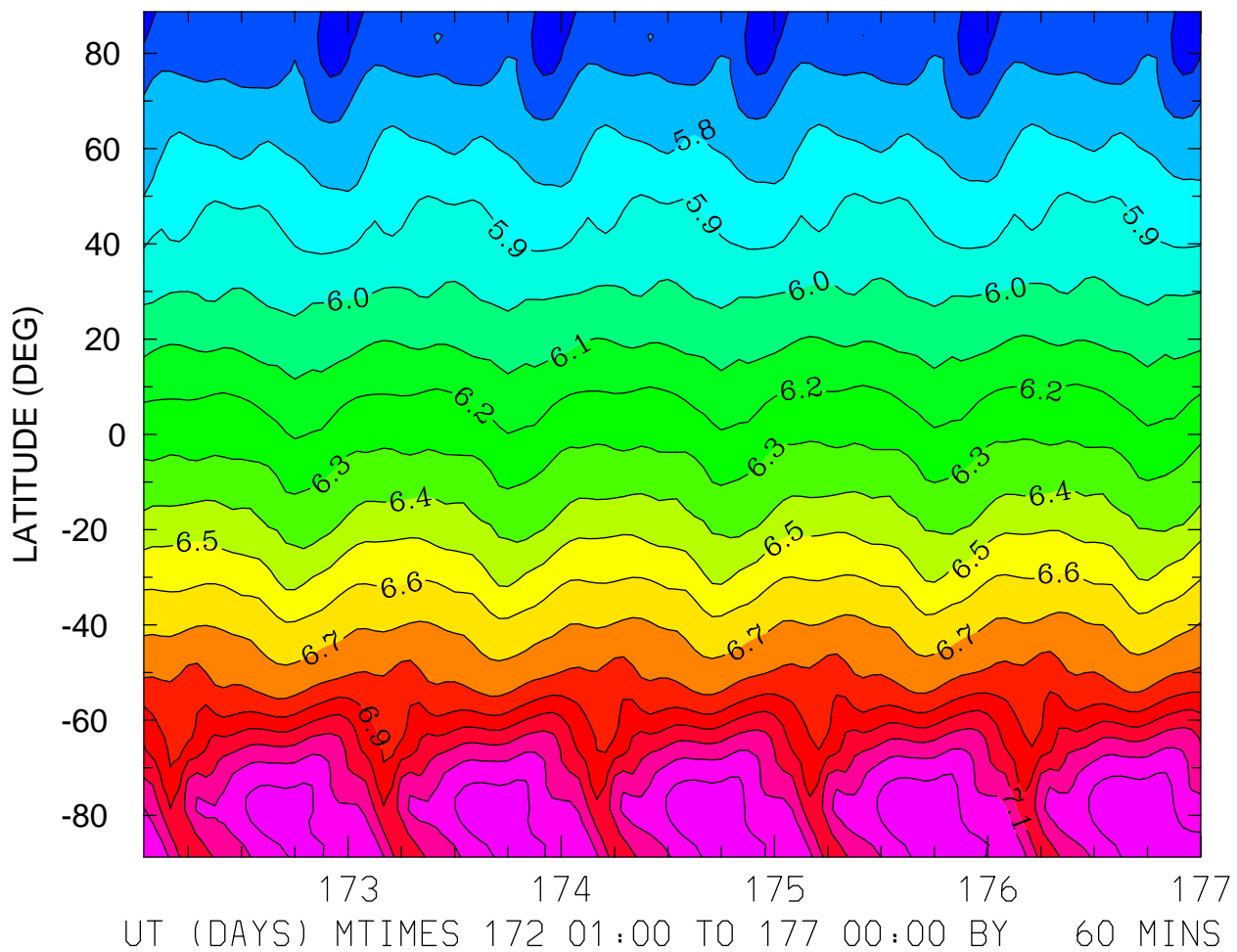
LOG10 HELIUM (HE) (CM3)  
ZP = 3.875 LOCAL TIME = 0.00



MIN,MAX= 5.5393E+00 7.3265E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

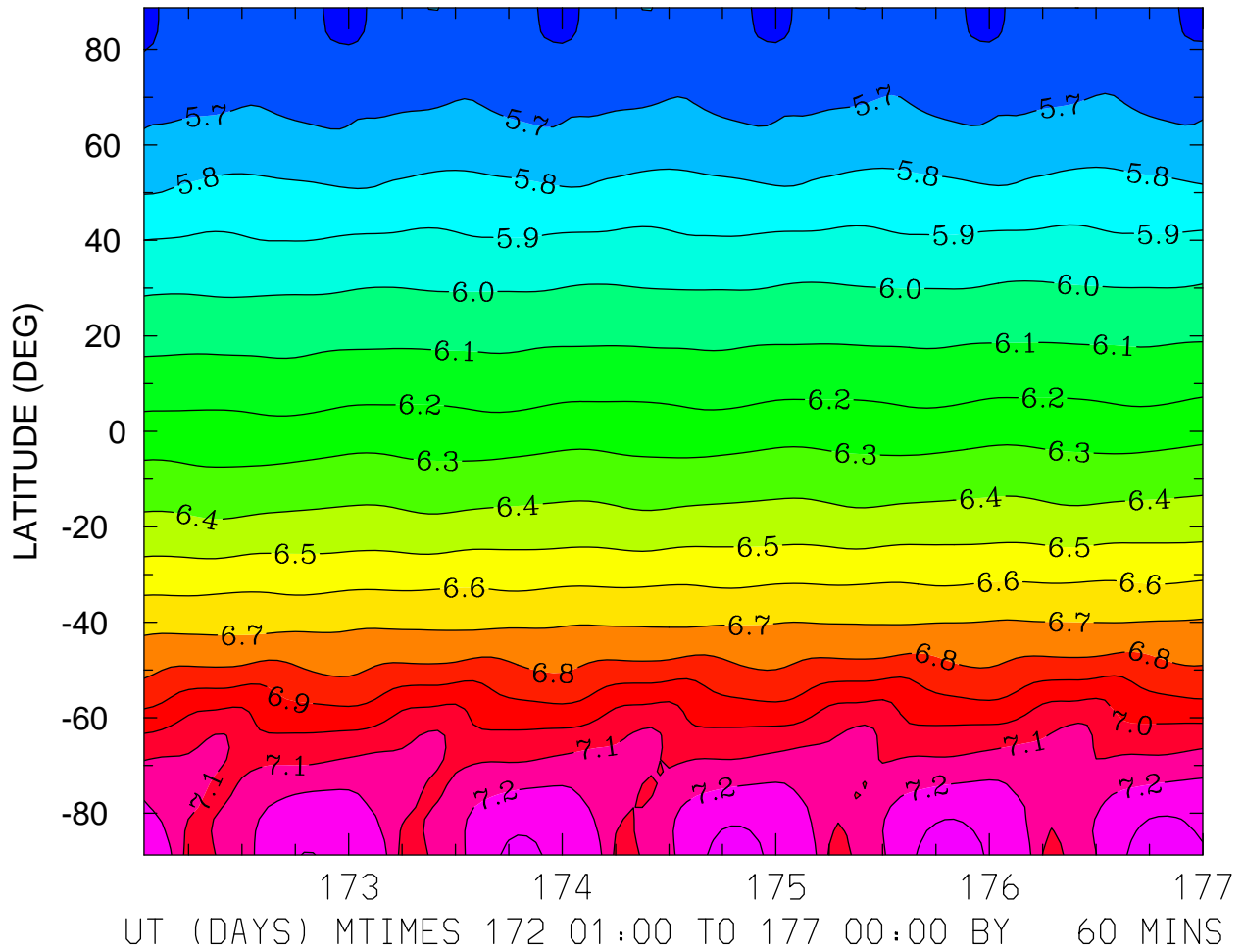


LOG10 HELIUM (HE) (CM3)  
ZP = 3.875 LOCAL TIME = 12.00



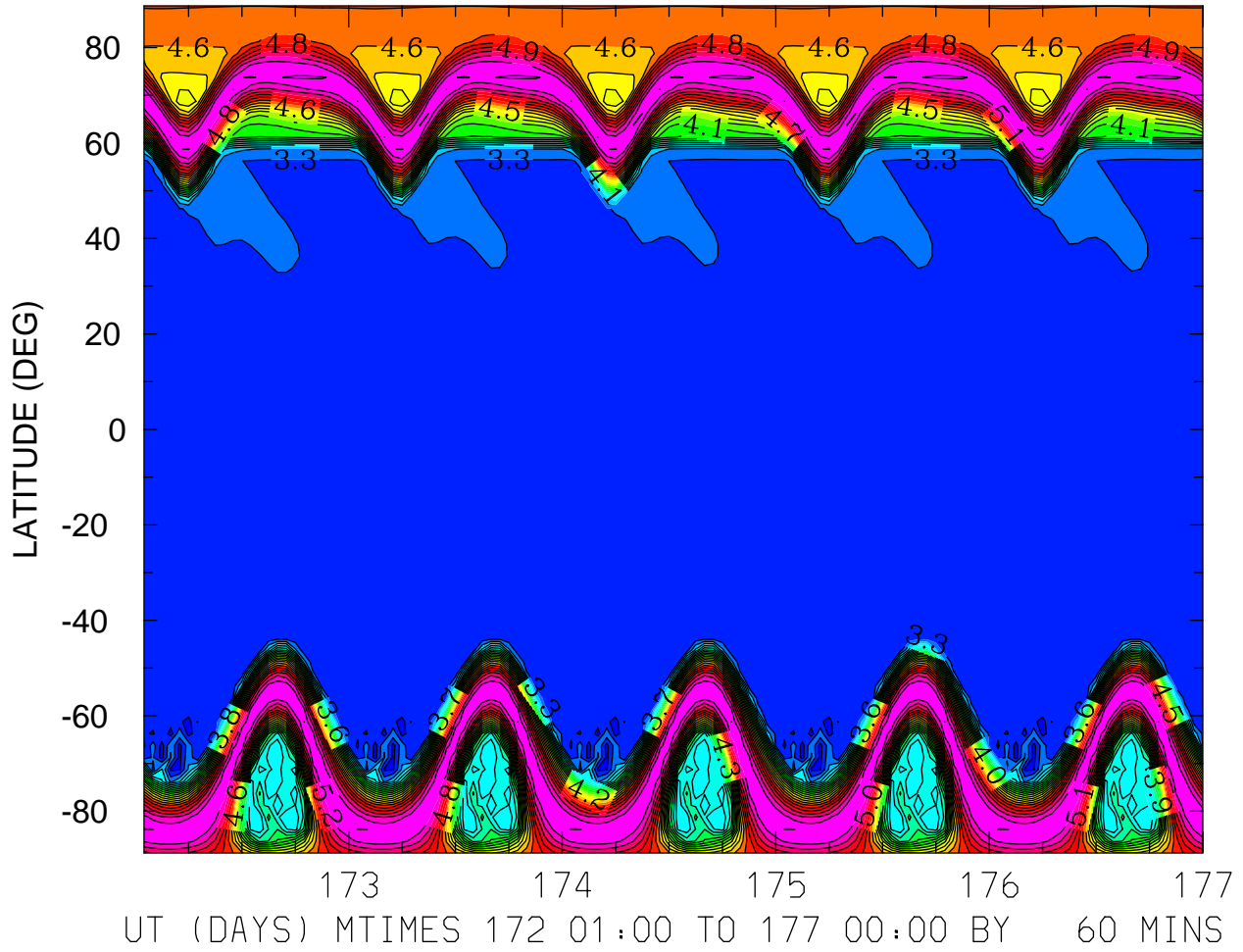
MIN,MAX= 5.5384E+00 7.3842E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



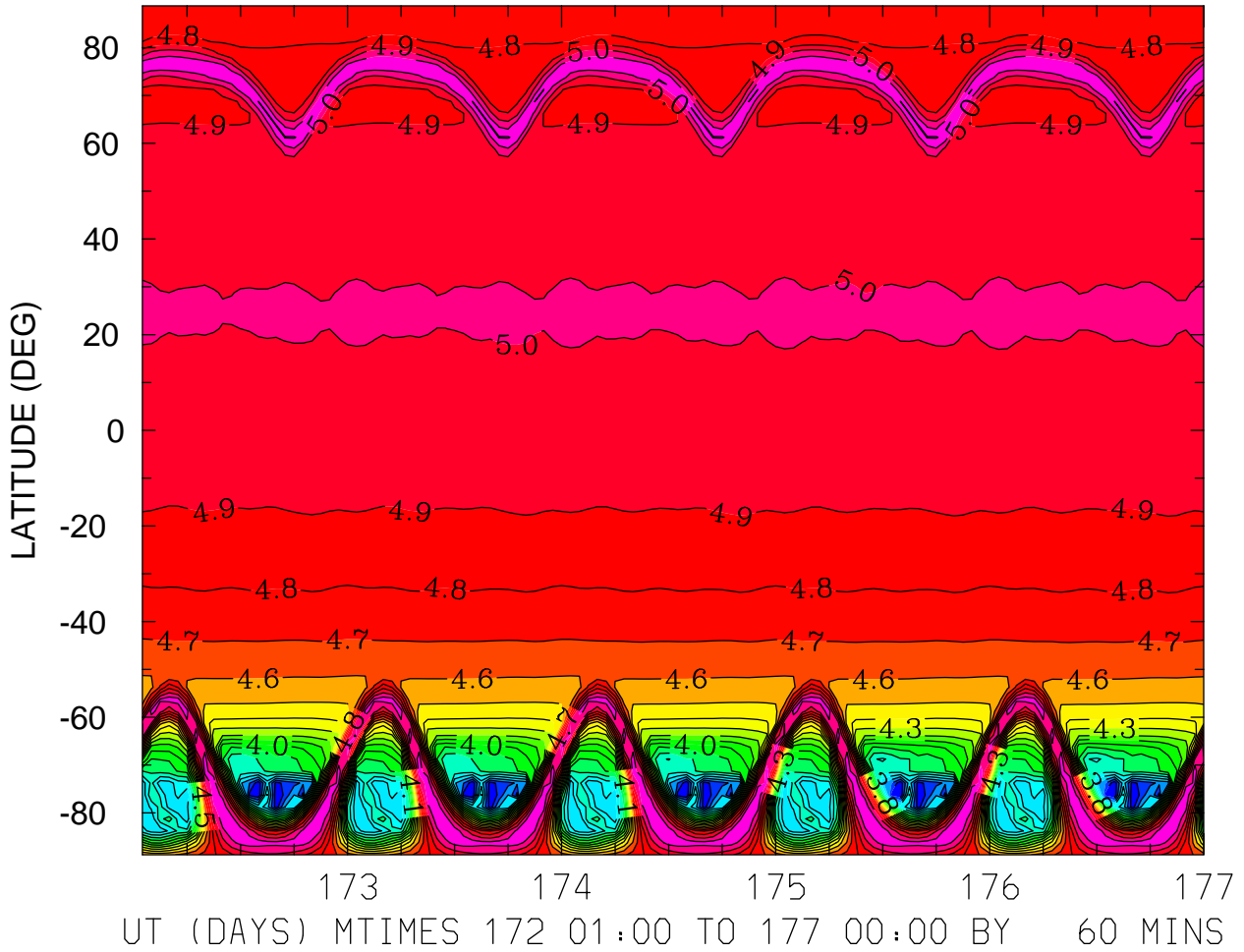
MIN,MAX= 5.5388E+00 7.3370E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



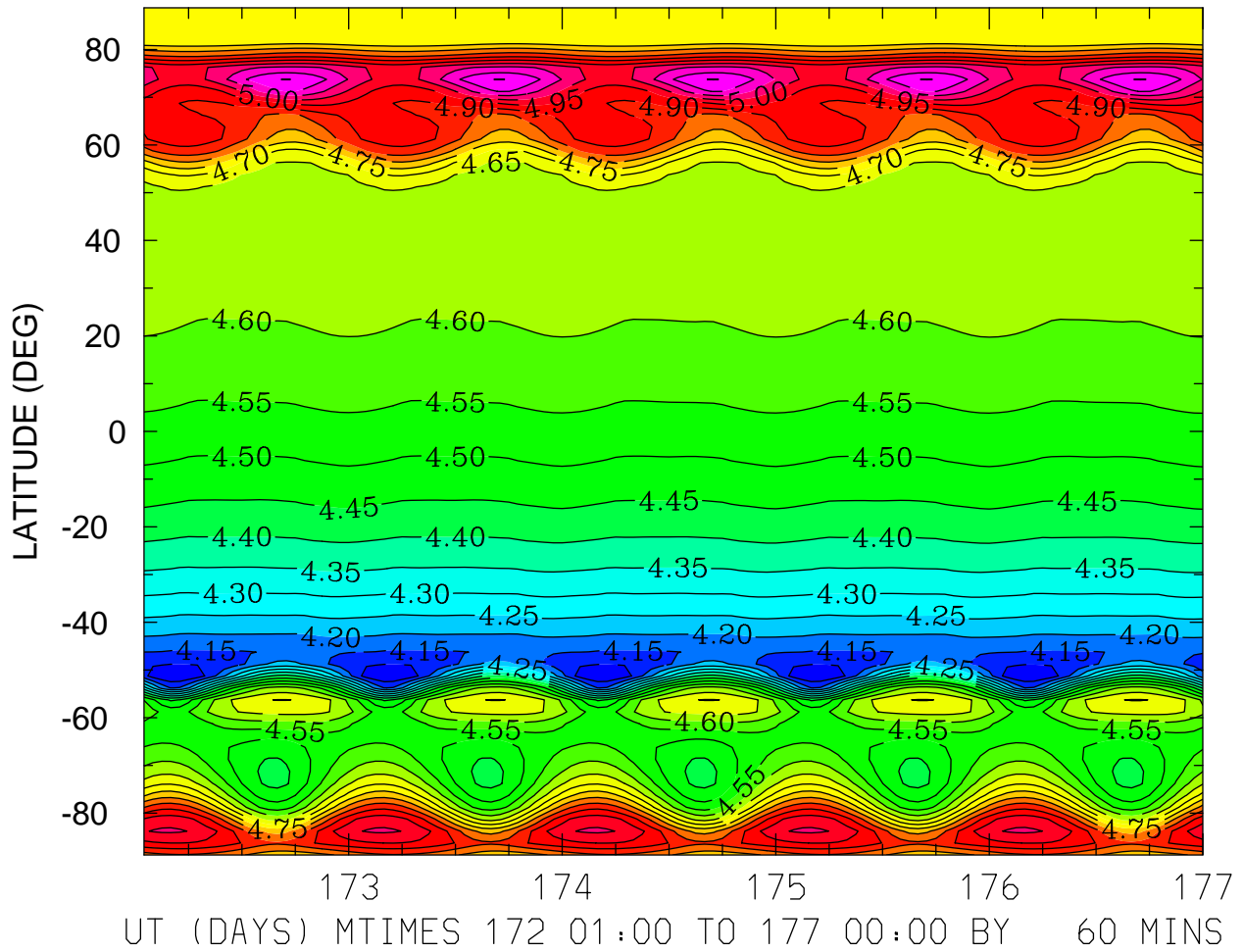
MIN,MAX= 3.1505E+00 5.3116E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



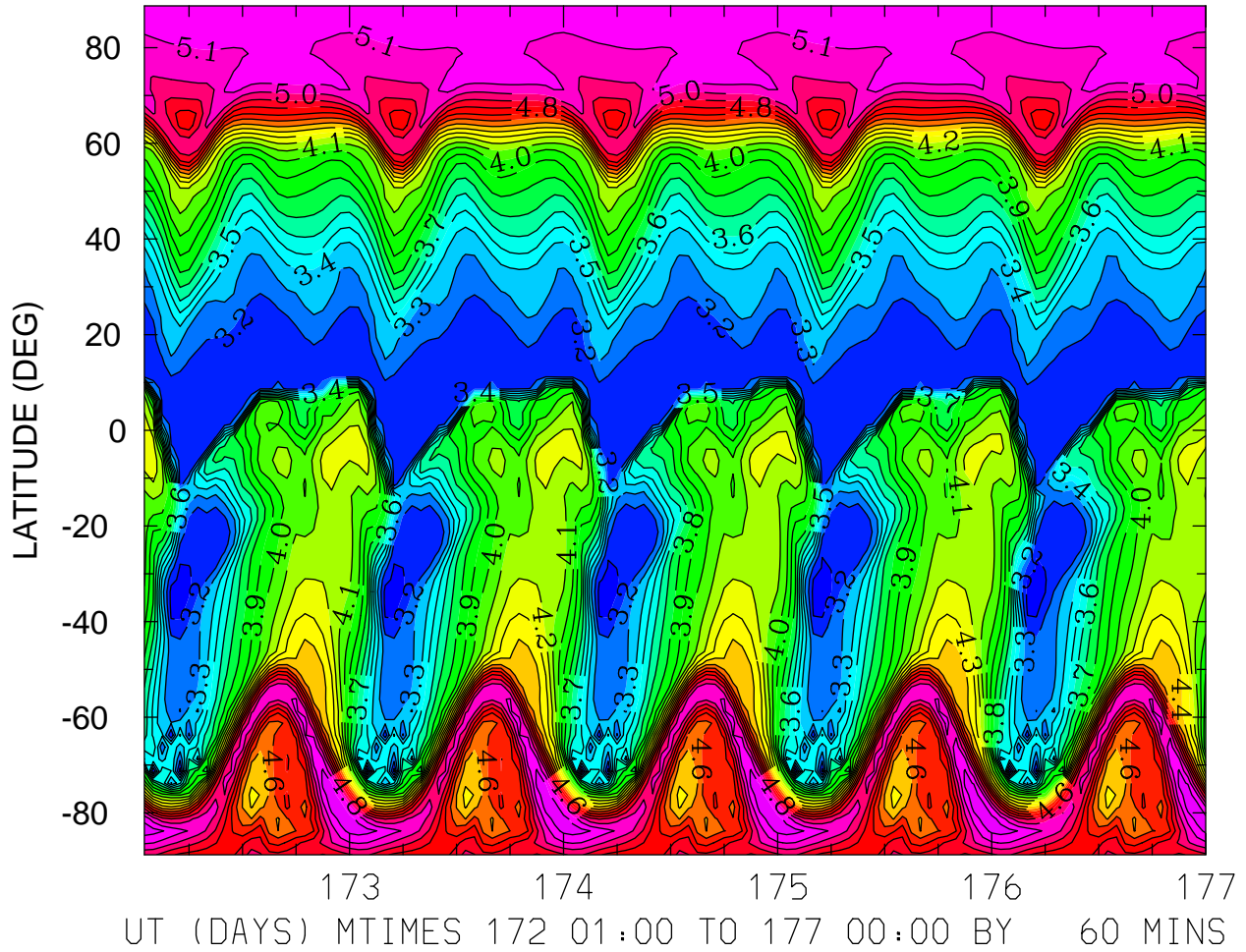
MIN,MAX= 3.2089E+00 5.2095E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



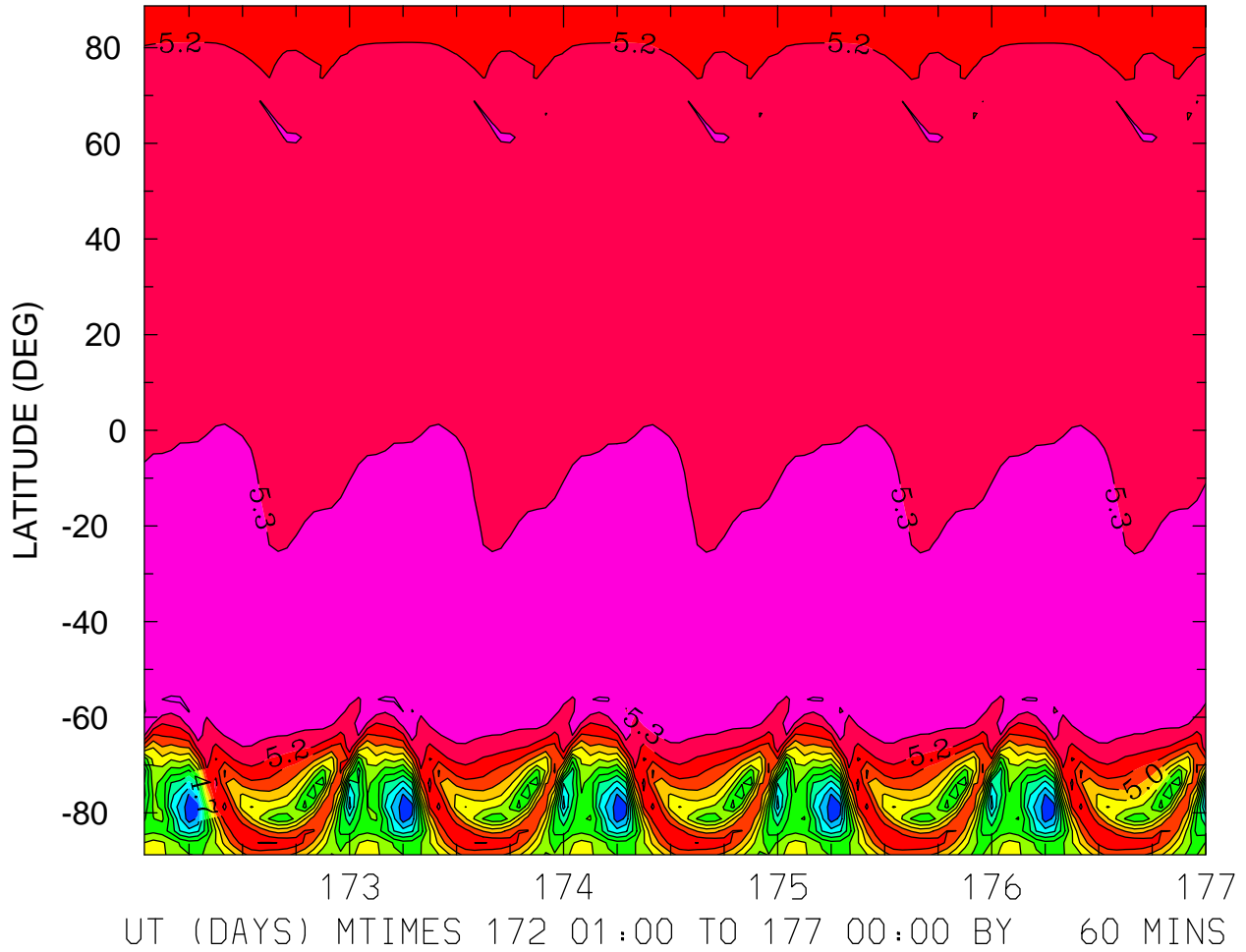
MIN,MAX= 4.0547E+00 5.1518E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



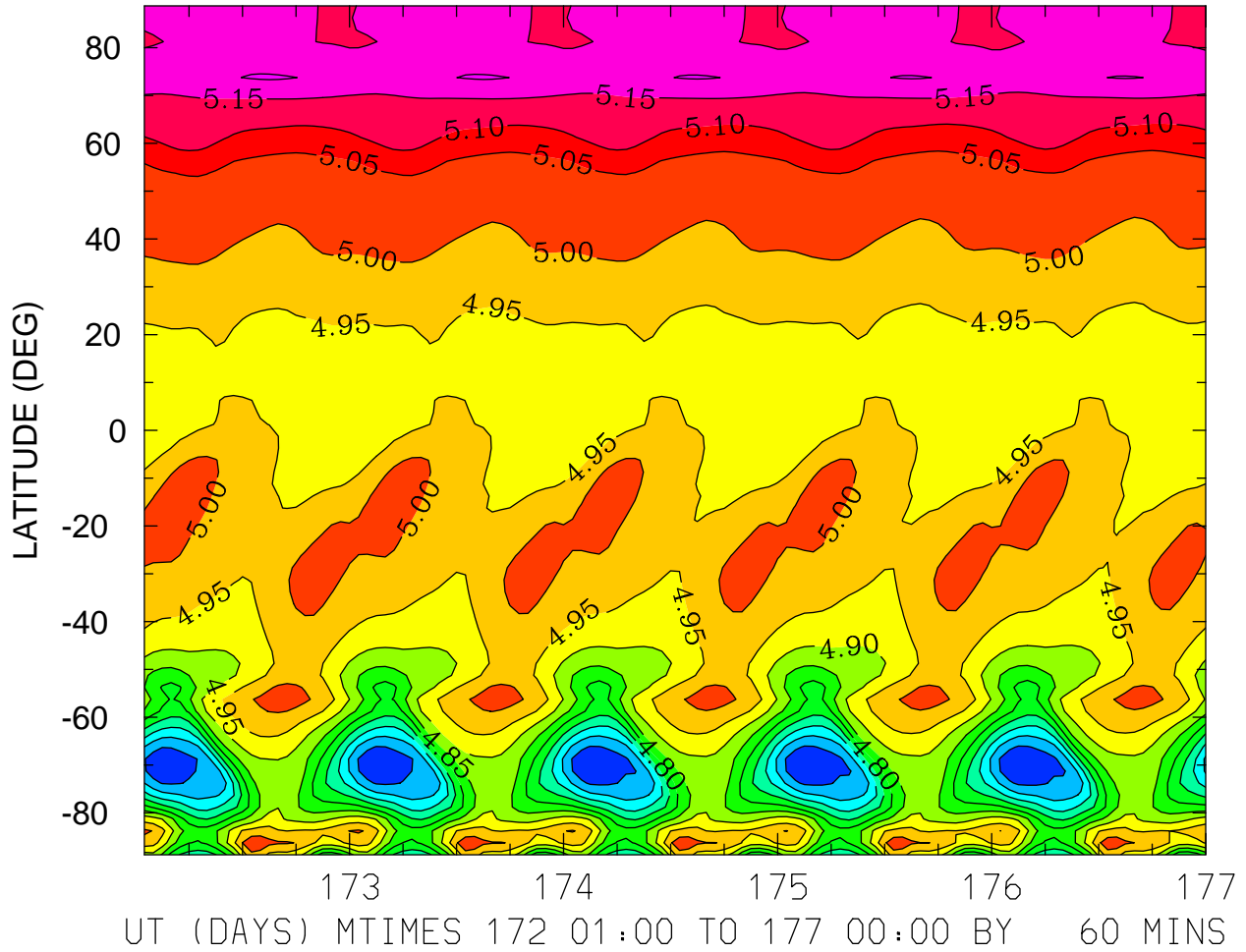
MIN,MAX= 3.0175E+00 5.2630E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



MIN,MAX= 4.1420E+00 5.4196E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

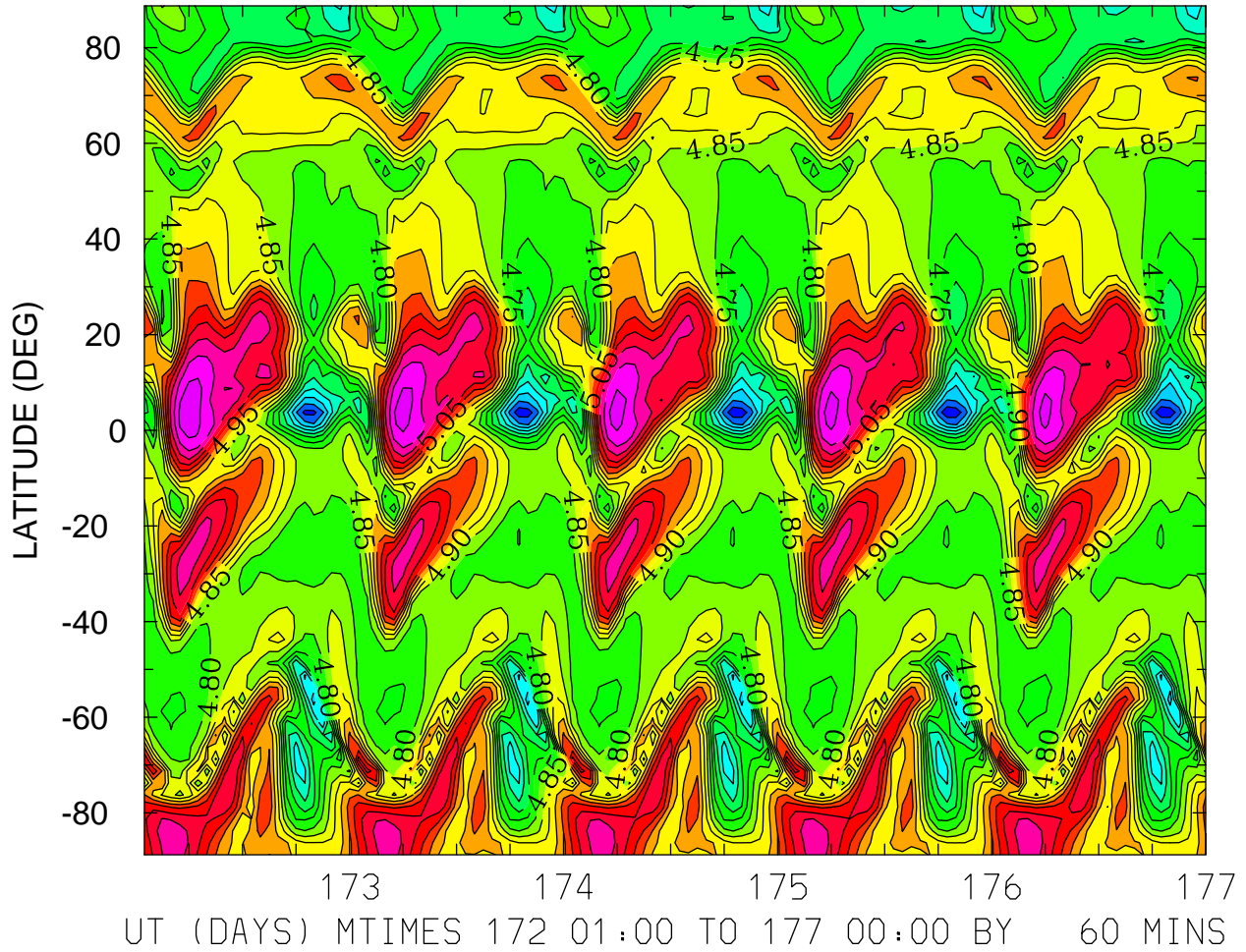
LOG10 ELECTRON DENSITY (CM3)  
ZP = 0.000 ZONAL MEANS



MIN,MAX= 4.5552E+00 5.2046E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

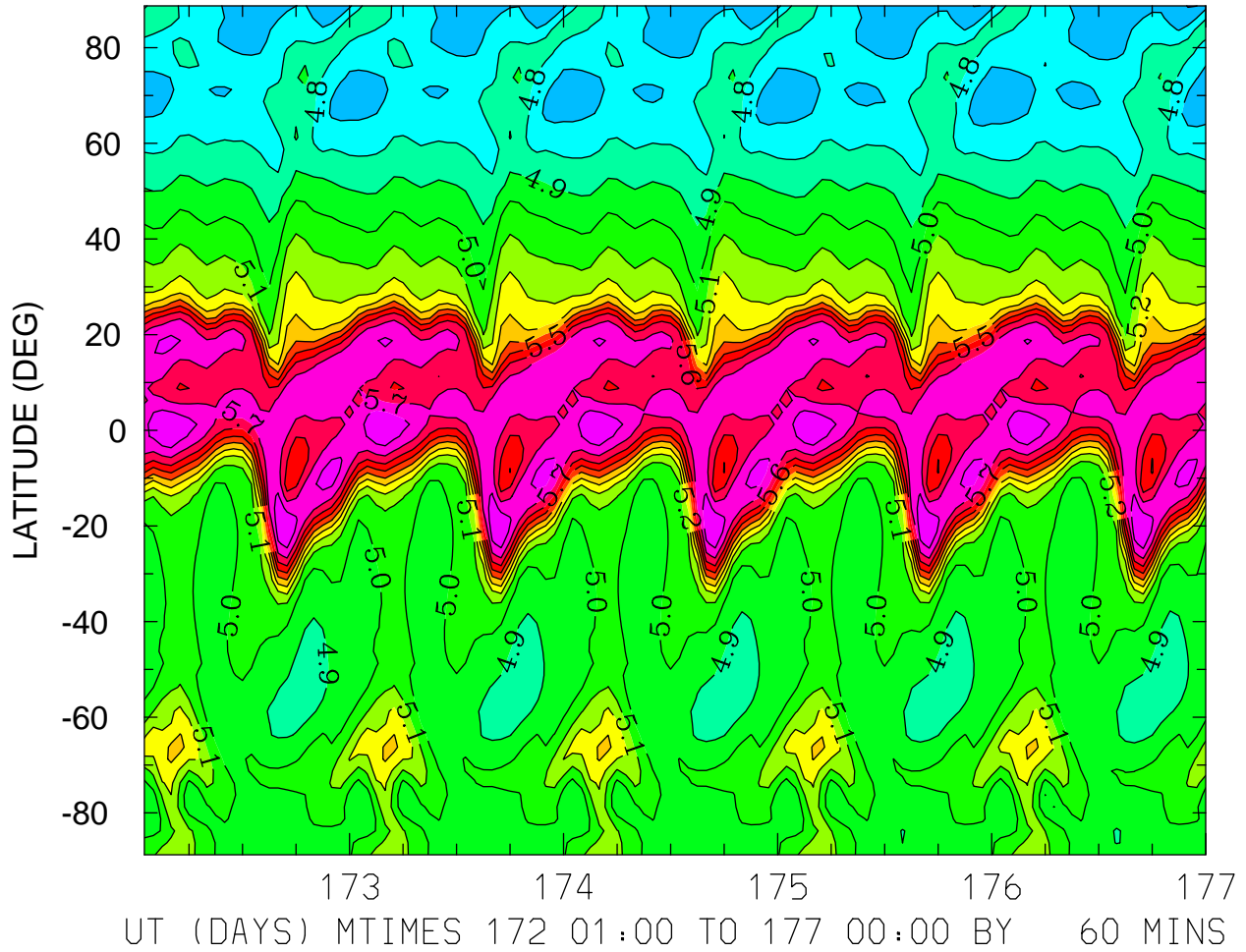


LOG10 ELECTRON DENSITY (CM3)  
ZP = 4.000 LOCAL TIME = 0.00



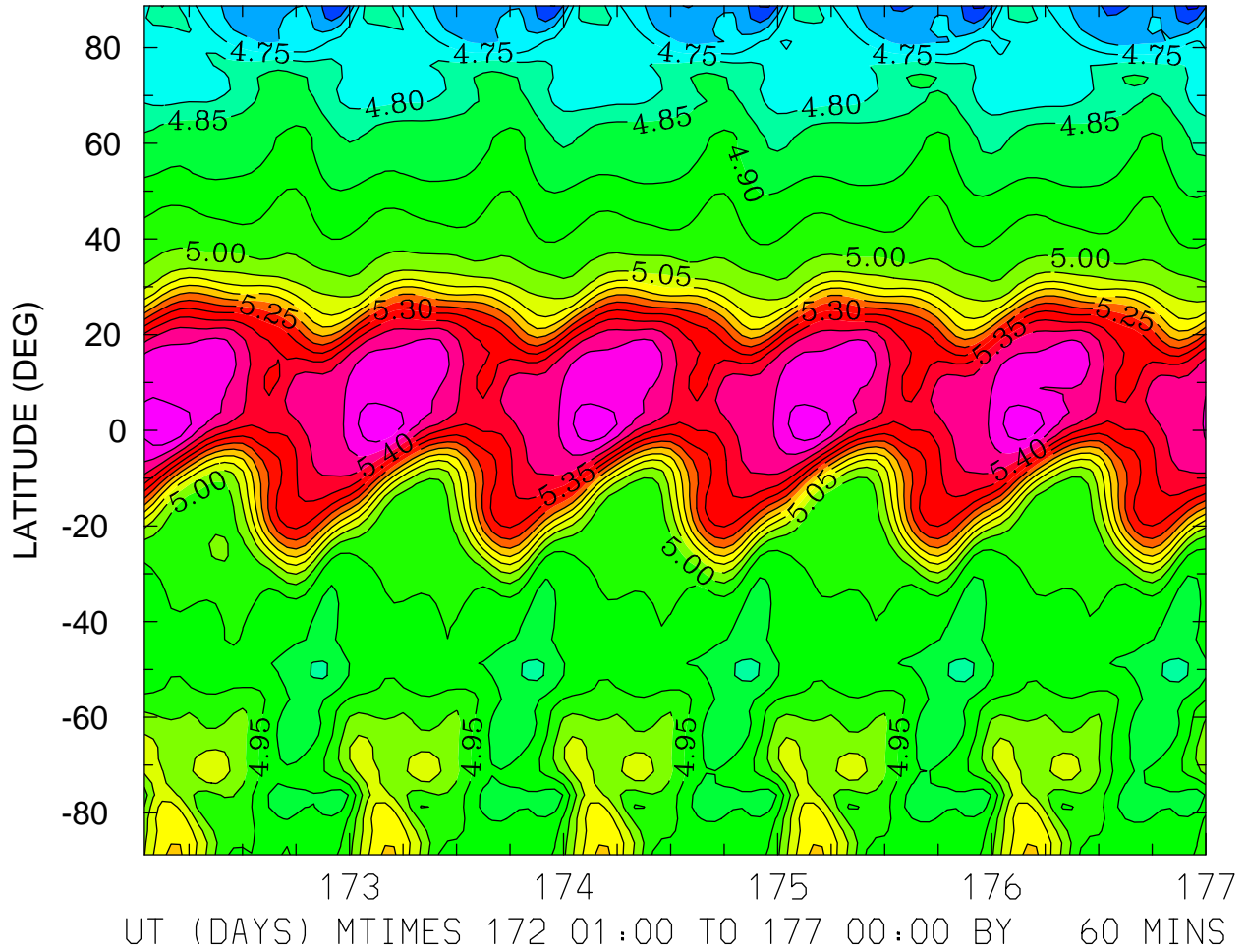
MIN,MAX= 4.4090E+00 5.2925E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



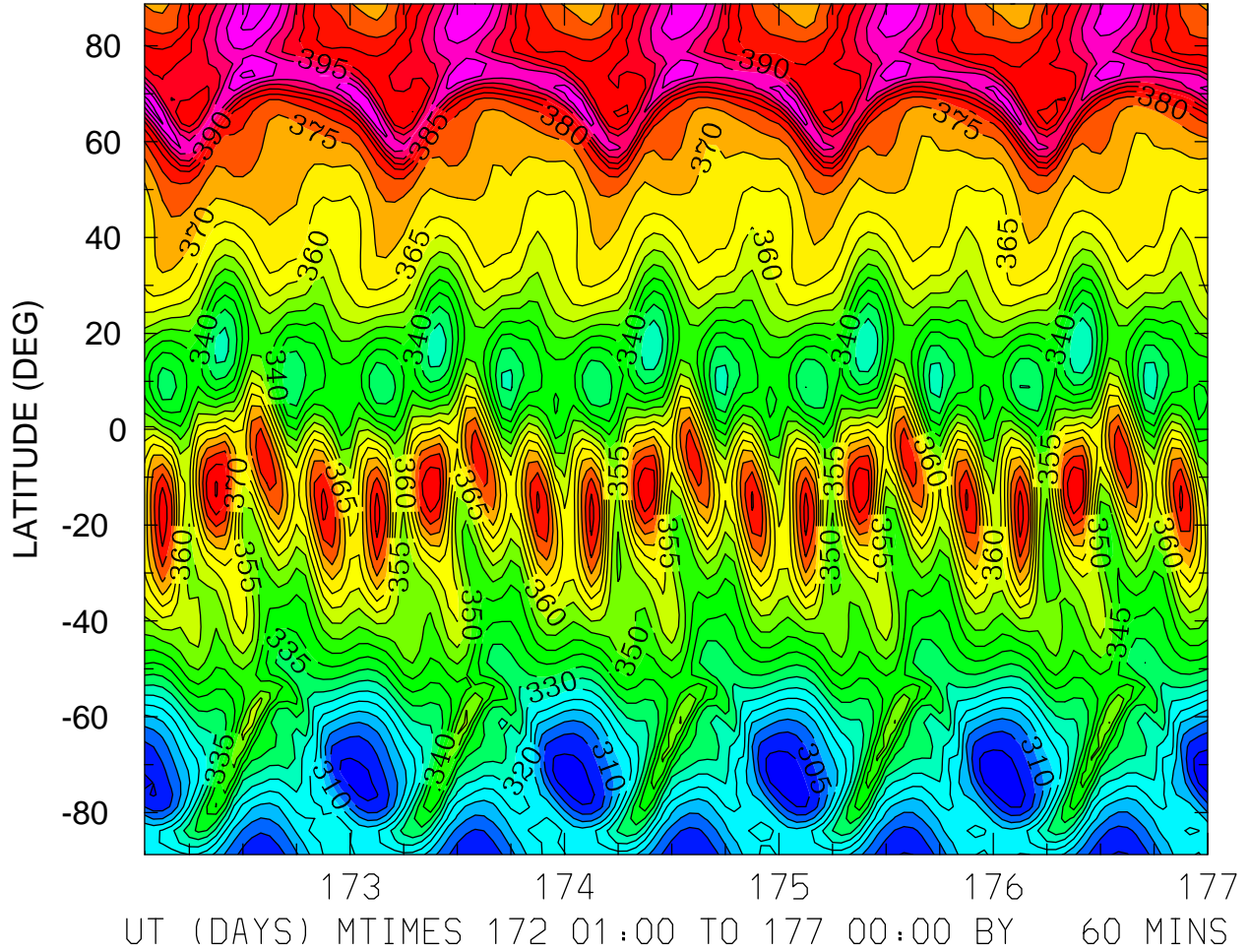
MIN,MAX= 4.5950E+00 5.8837E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

LOG10 ELECTRON DENSITY (CM3)  
ZP = 4.000 ZONAL MEANS



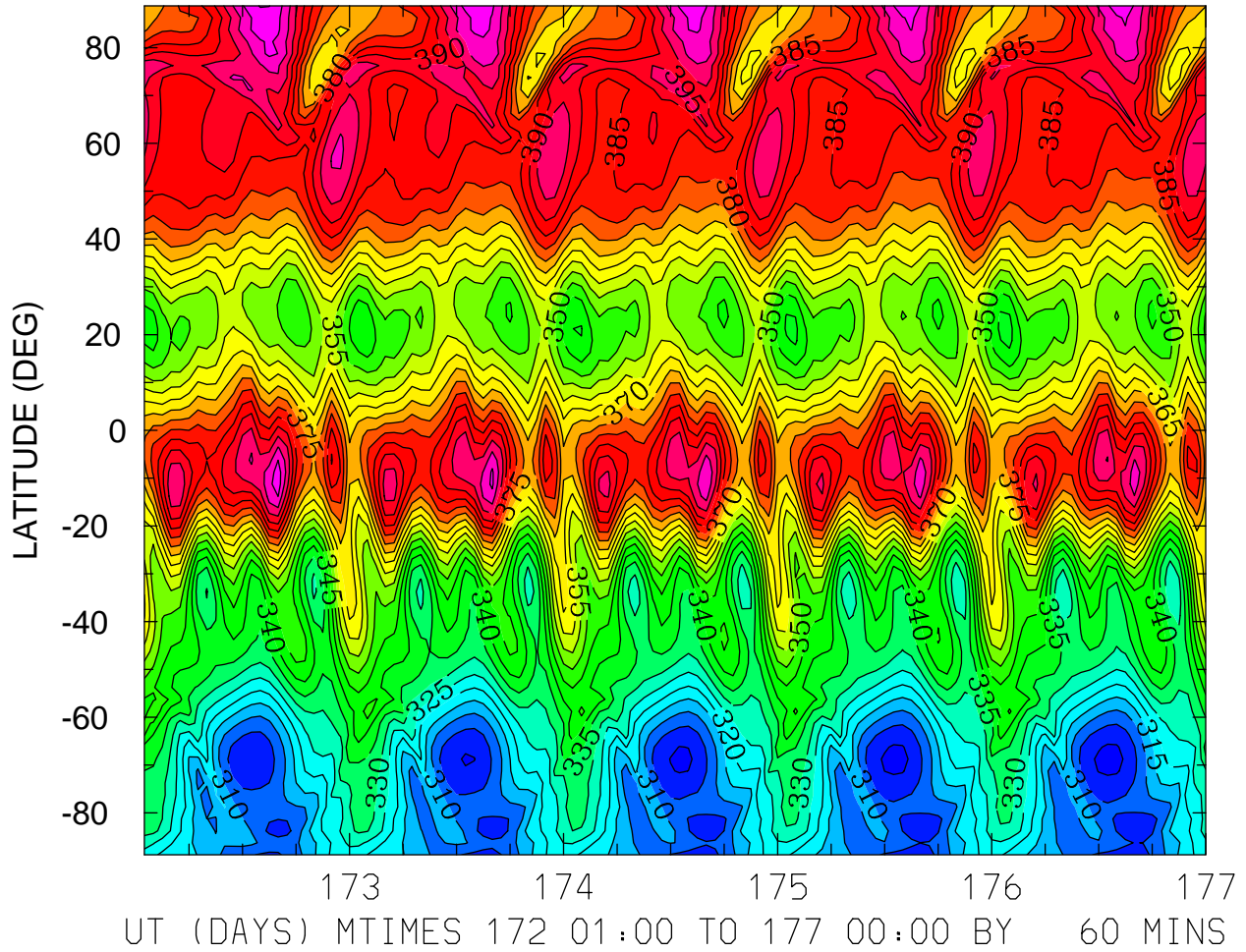
MIN,MAX= 4.5874E+00 5.5469E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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

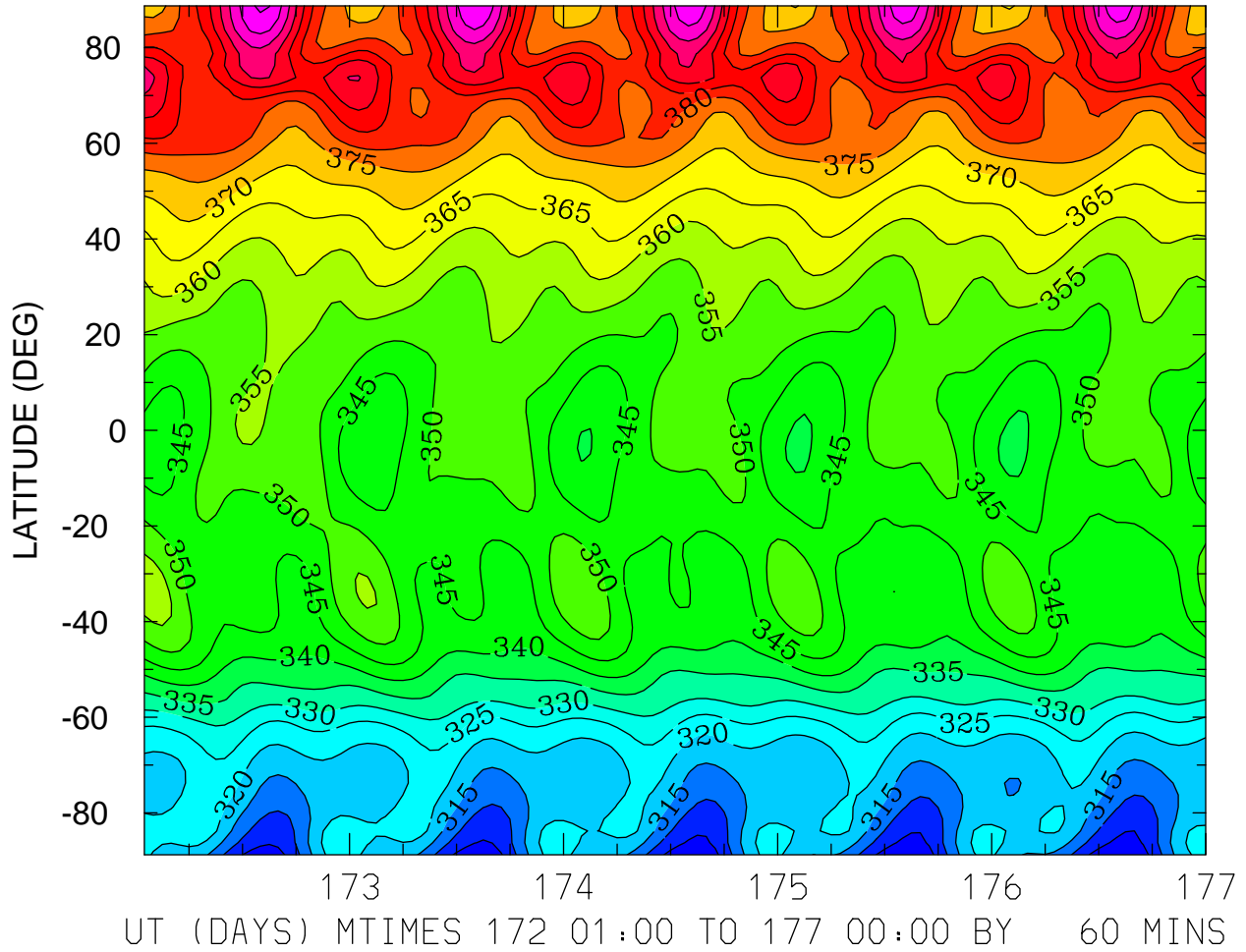


MIN,MAX= 2.9691E+02 4.1160E+02 INTERVAL= 5.0000E+00  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

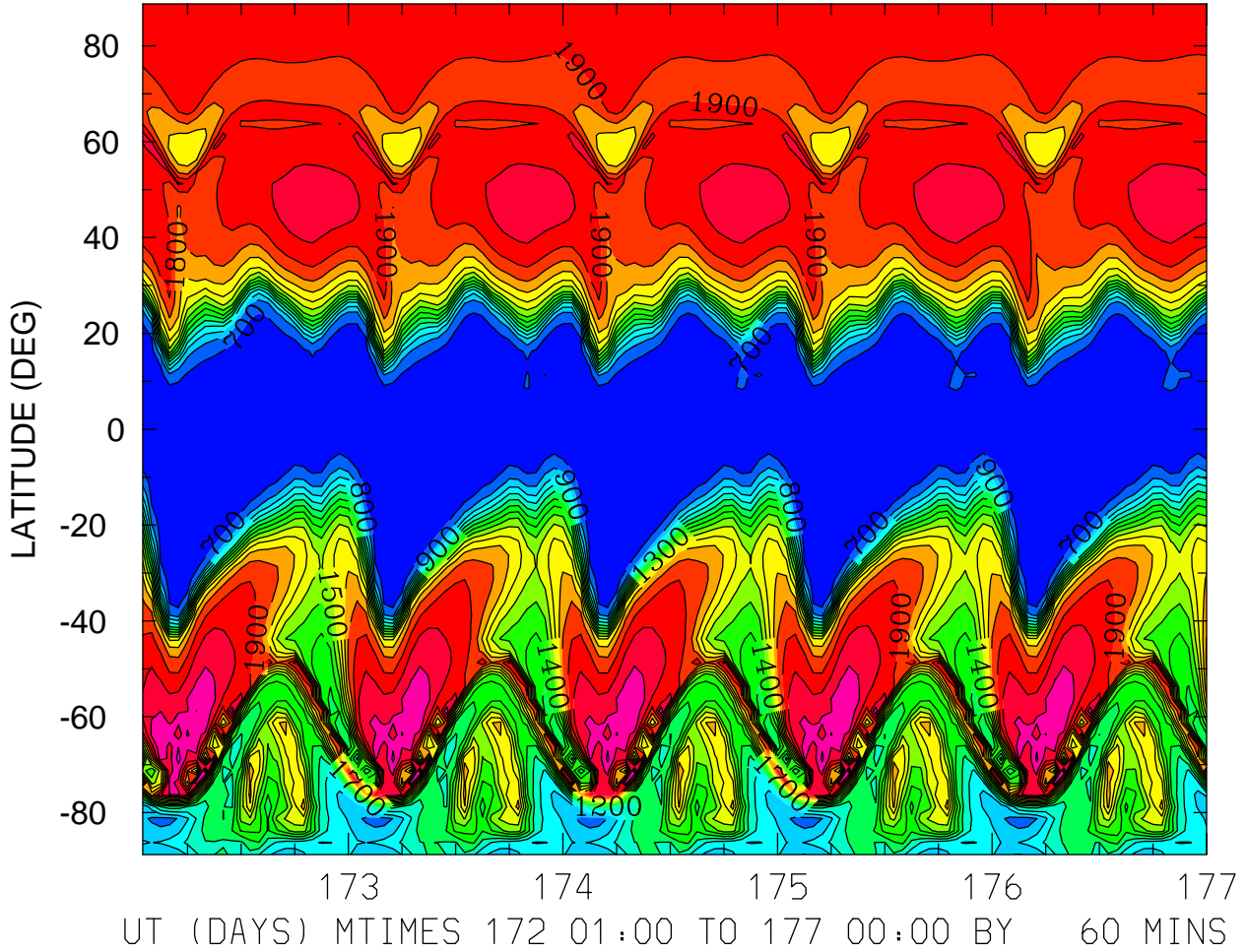
ELECTRON TEMPERATURE (DEG K)  
ZP = -4.125 LOCAL TIME = 12.00



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

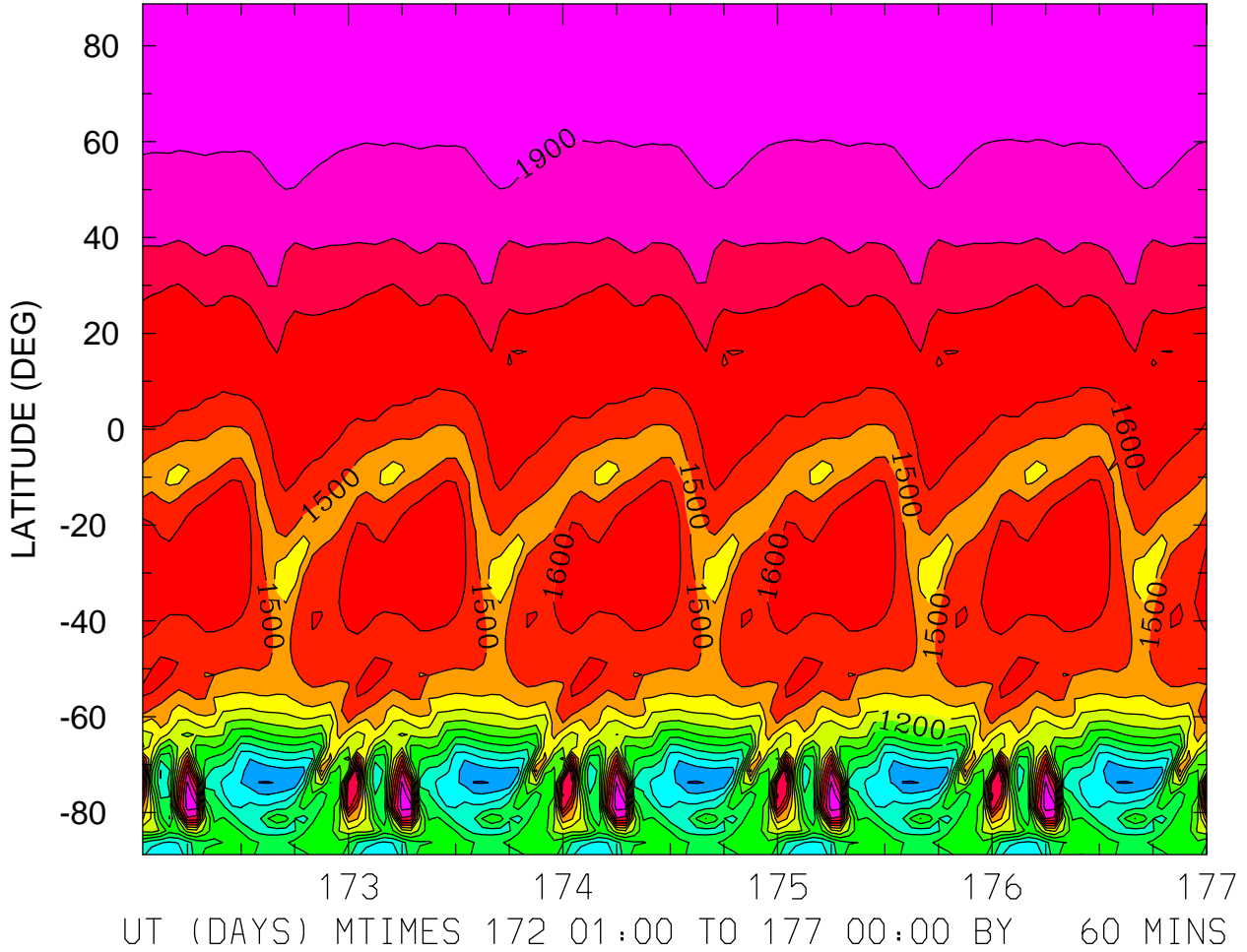


ELECTRON TEMPERATURE (DEG K)  
ZP = -0.125 LOCAL TIME = 0.00



MIN,MAX= 6.2536E+02 2.3177E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

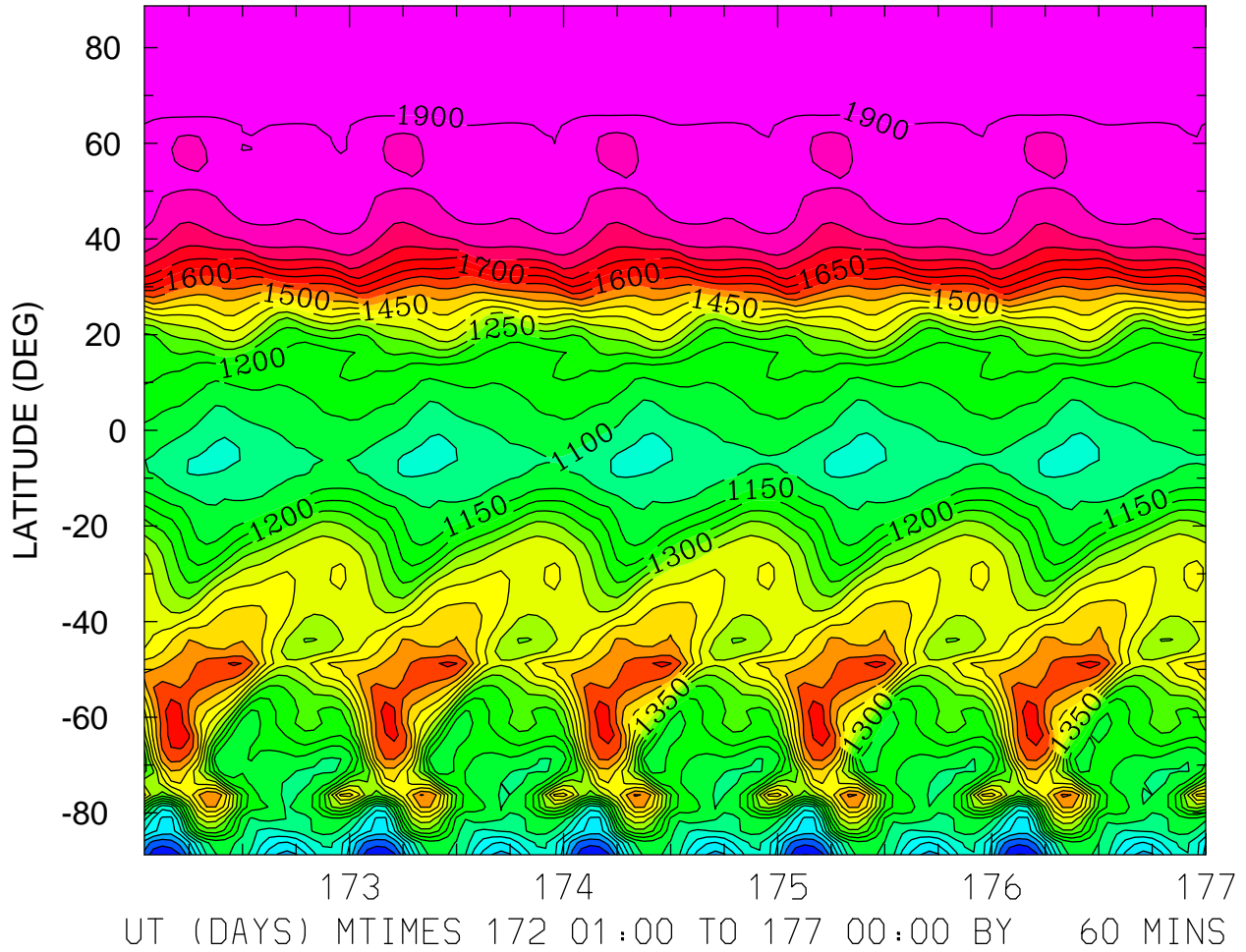
ELECTRON TEMPERATURE (DEG K)  
ZP = -0.125 LOCAL TIME = 12.00



MIN,MAX= 5.9302E+02 1.9843E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

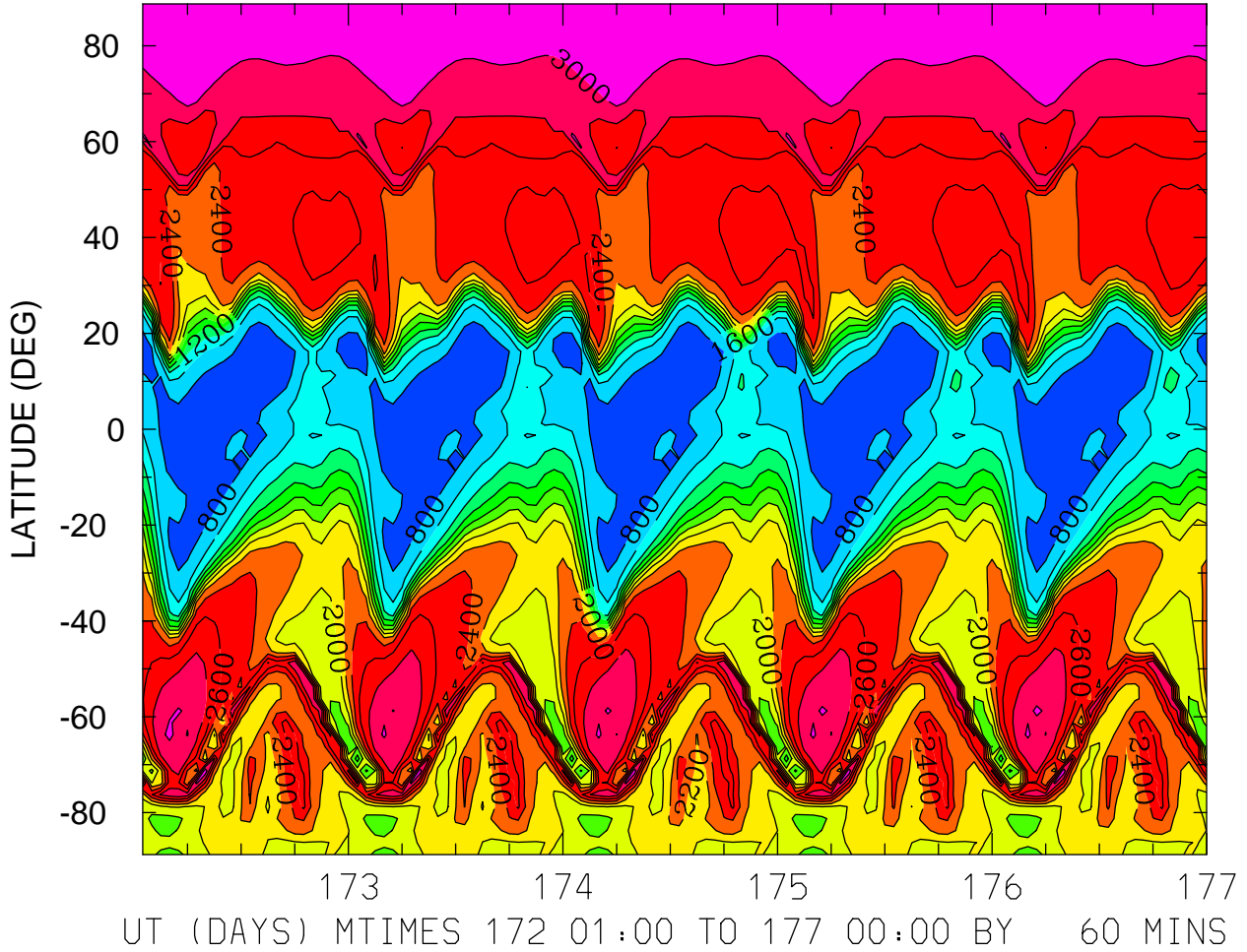


ELECTRON TEMPERATURE (DEG K)  
ZP = -0.125 ZONAL MEANS



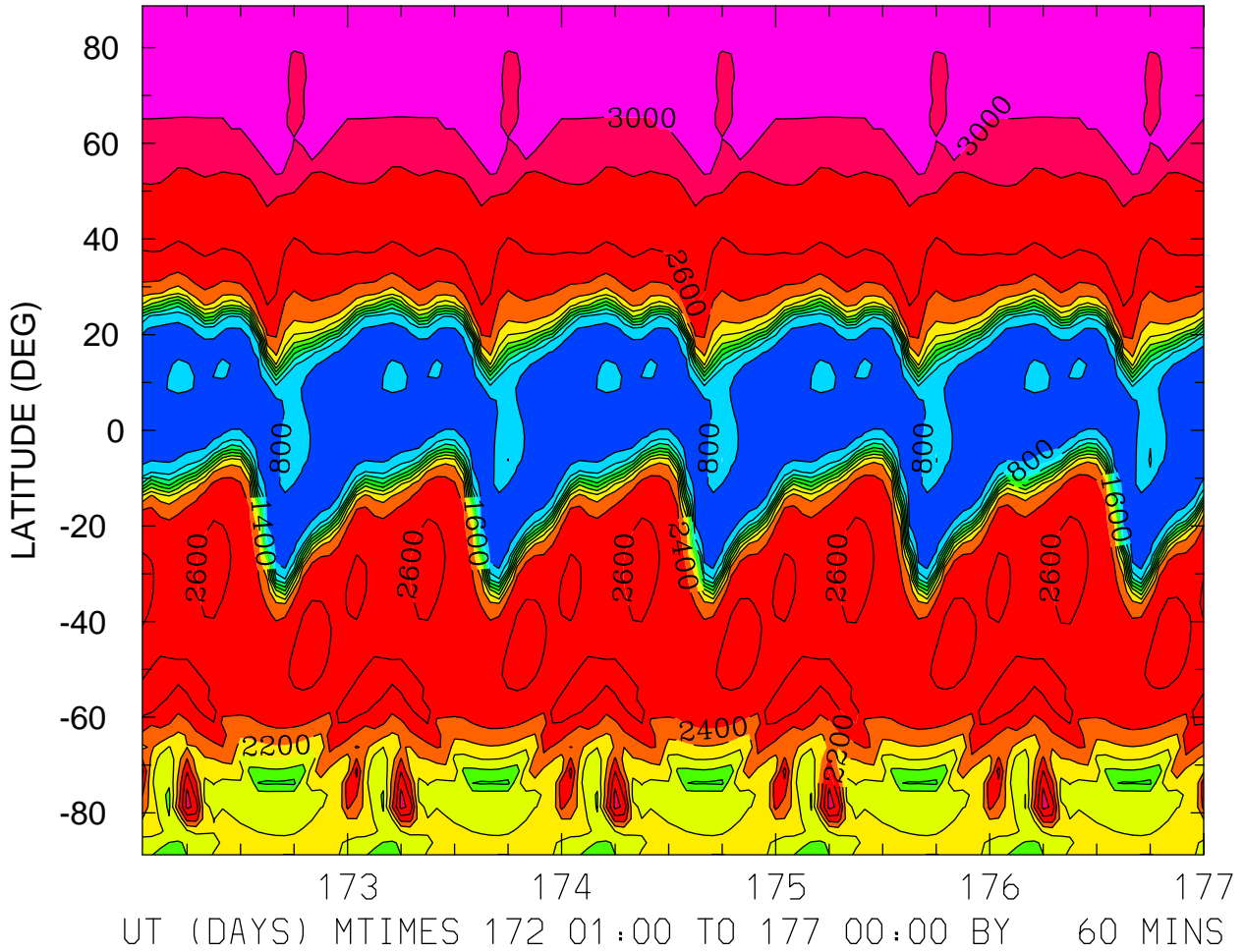
MIN,MAX= 7.4657E+02 1.9465E+03 INTERVAL= 5.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



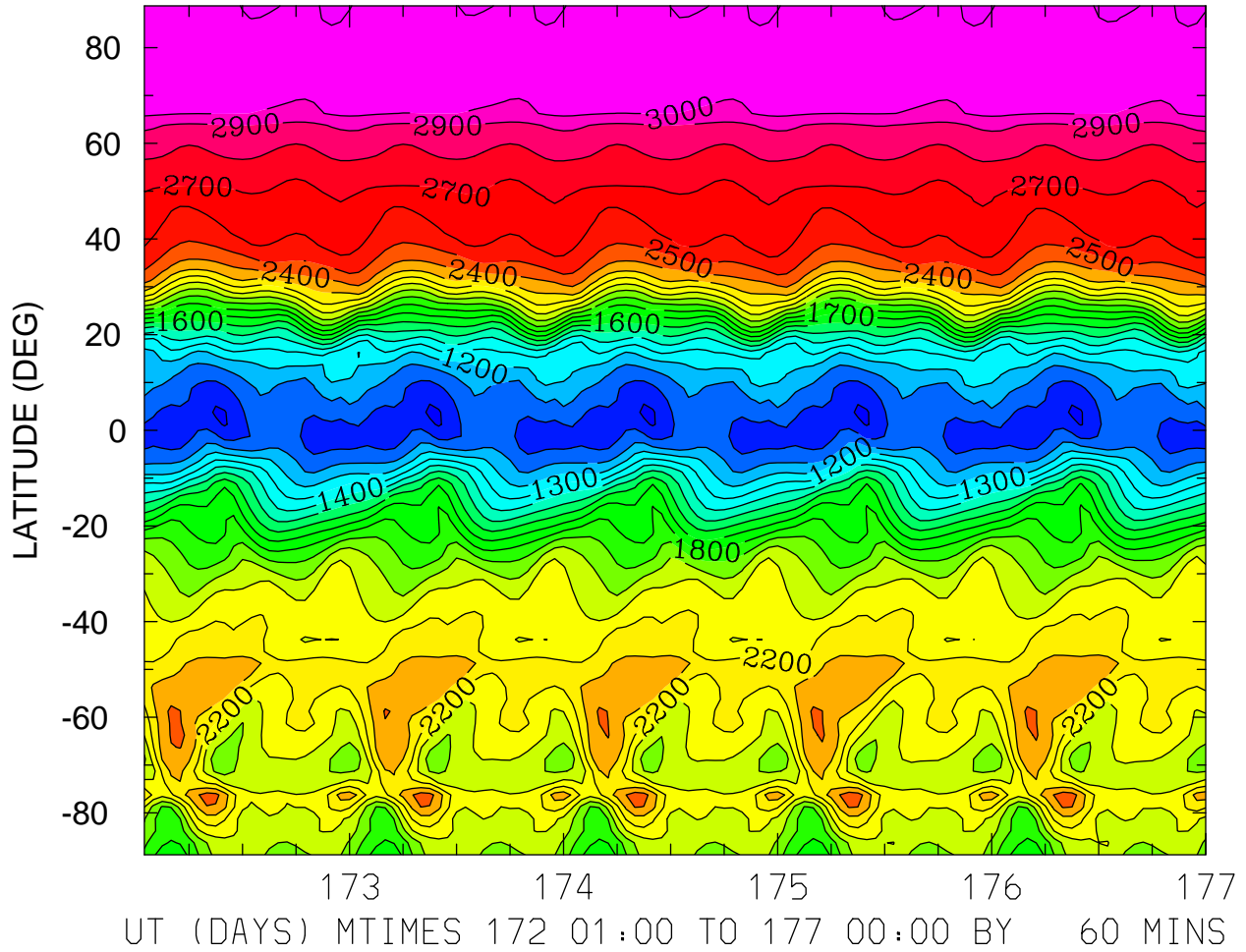
MIN,MAX= 6.6657E+02 3.1630E+03 INTERVAL= 2.0000E+02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



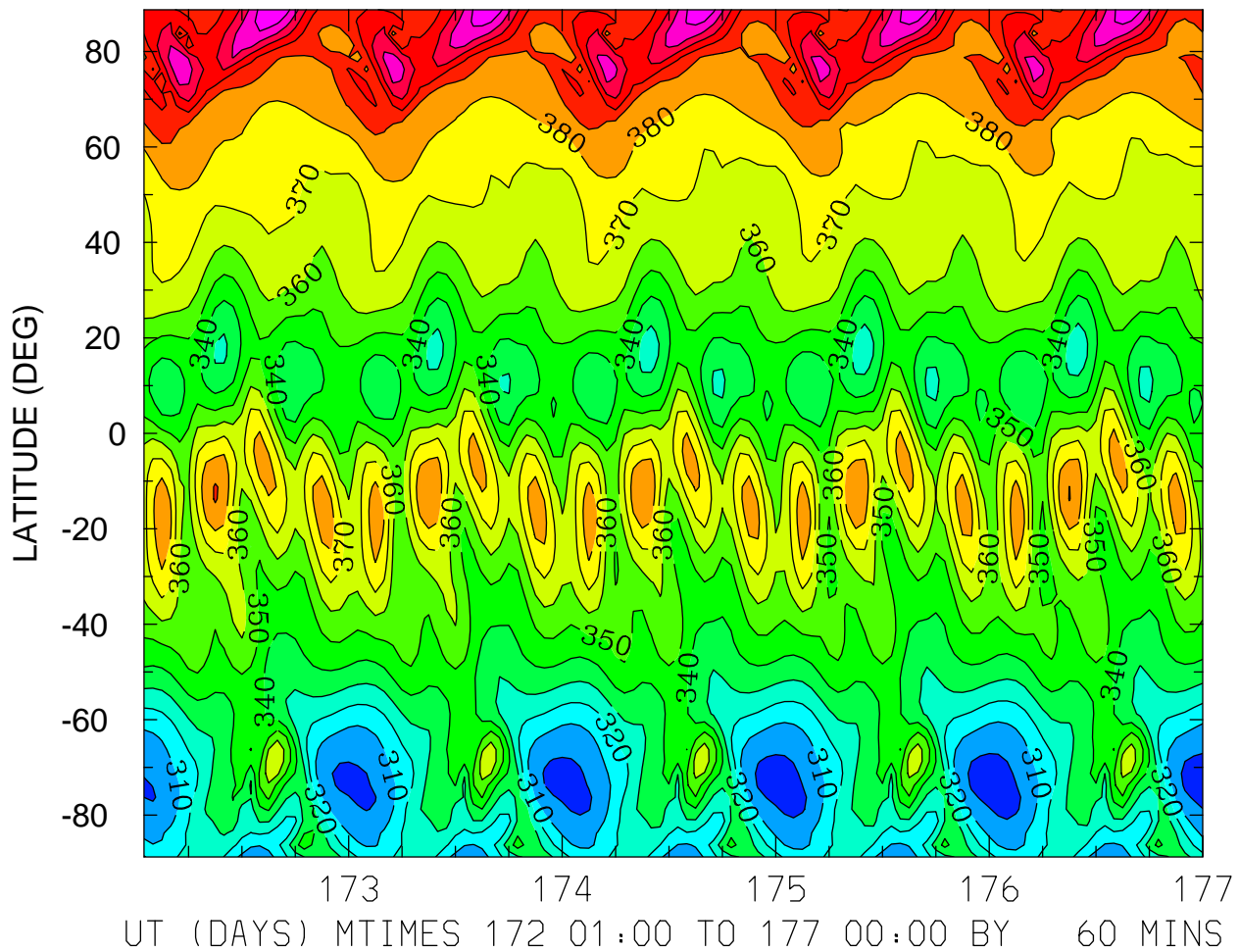
MIN,MAX= 7.1809E+02 3.1322E+03 INTERVAL= 2.0000E+02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

ELECTRON TEMPERATURE (DEG K)  
ZP = 3.875 ZONAL MEANS



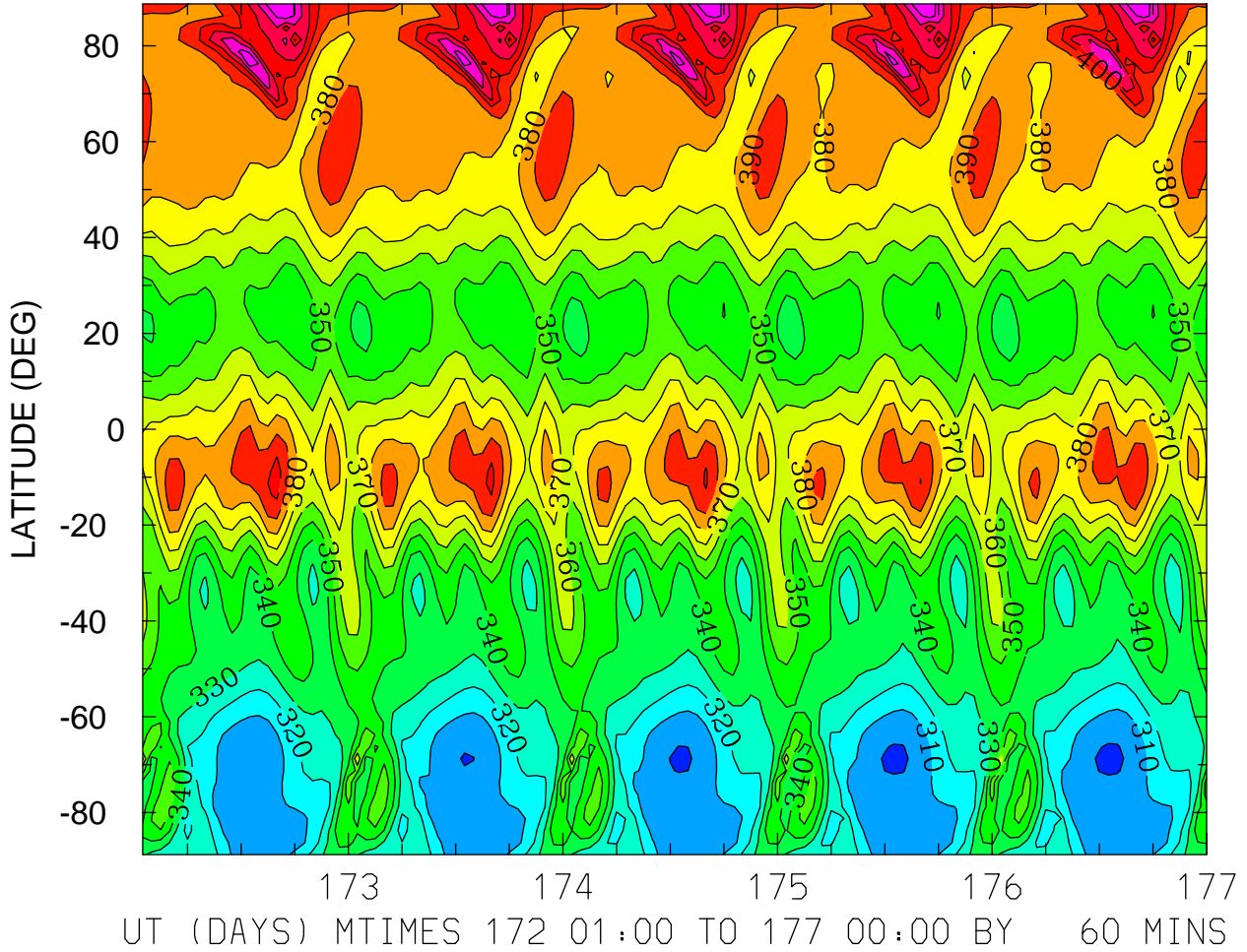
MIN,MAX= 8.8420E+02 3.1358E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



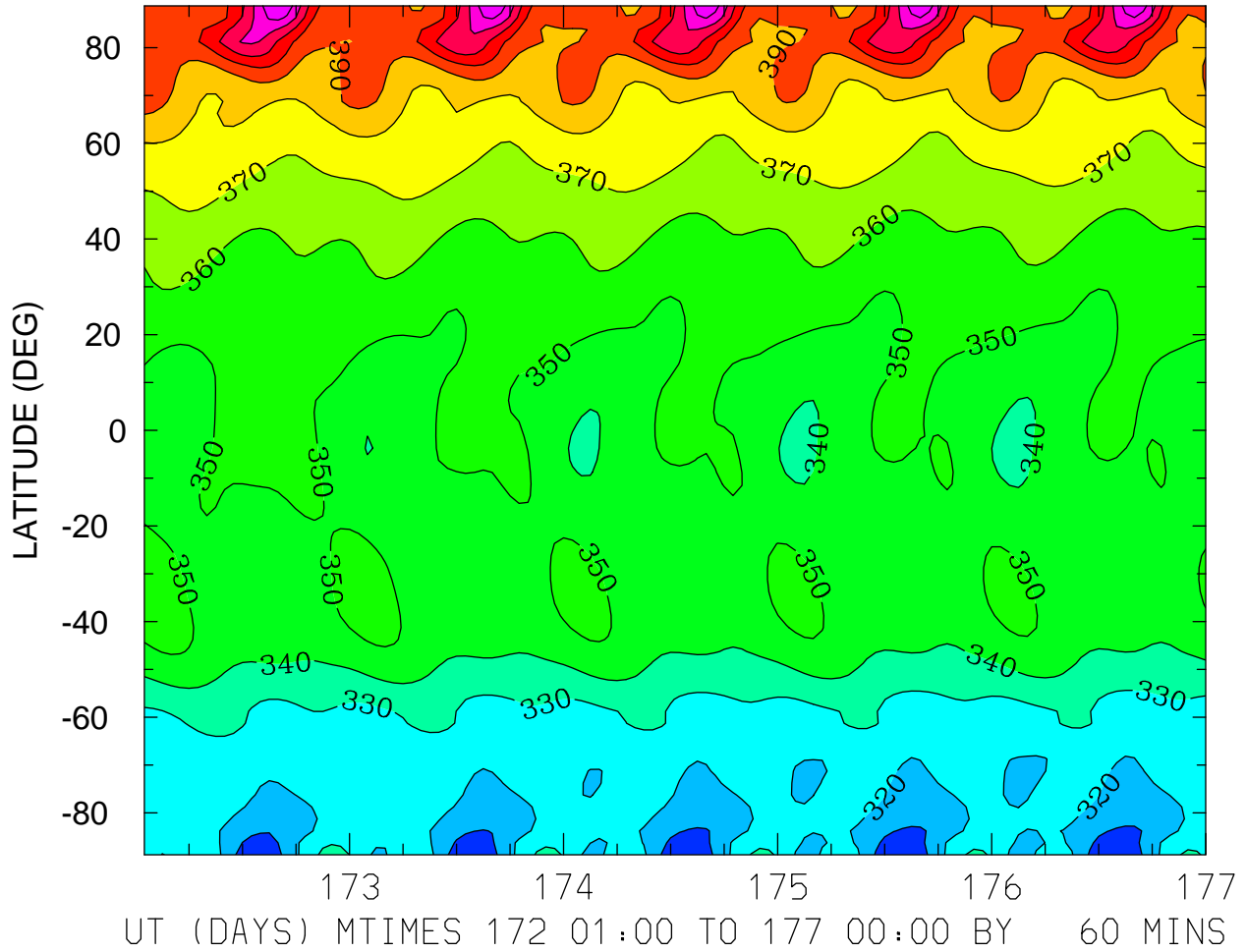
MIN,MAX= 2.9690E+02 4.3949E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



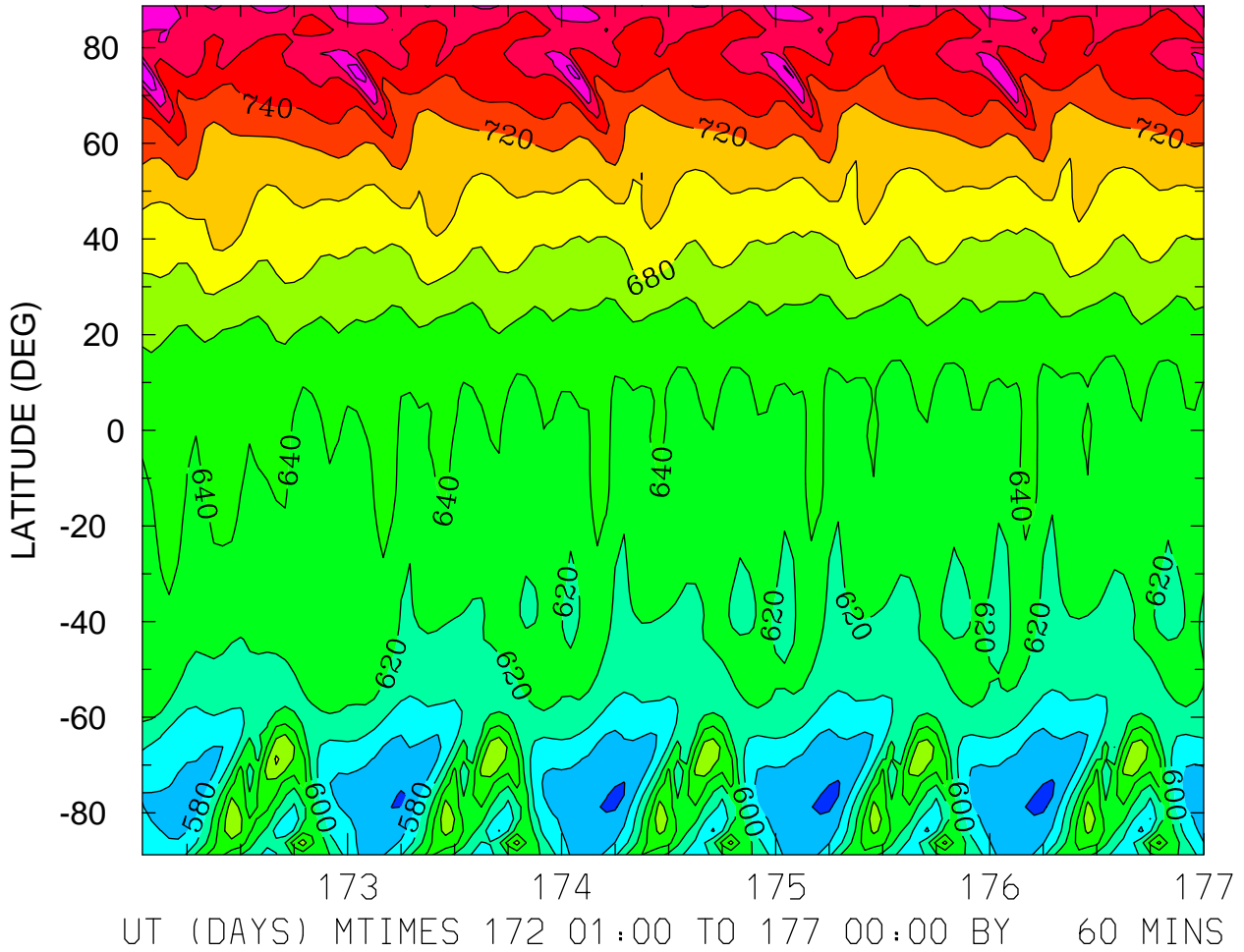
MIN,MAX= 2.9839E+02 4.3966E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



MIN,MAX= 3.0153E+02 4.3976E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

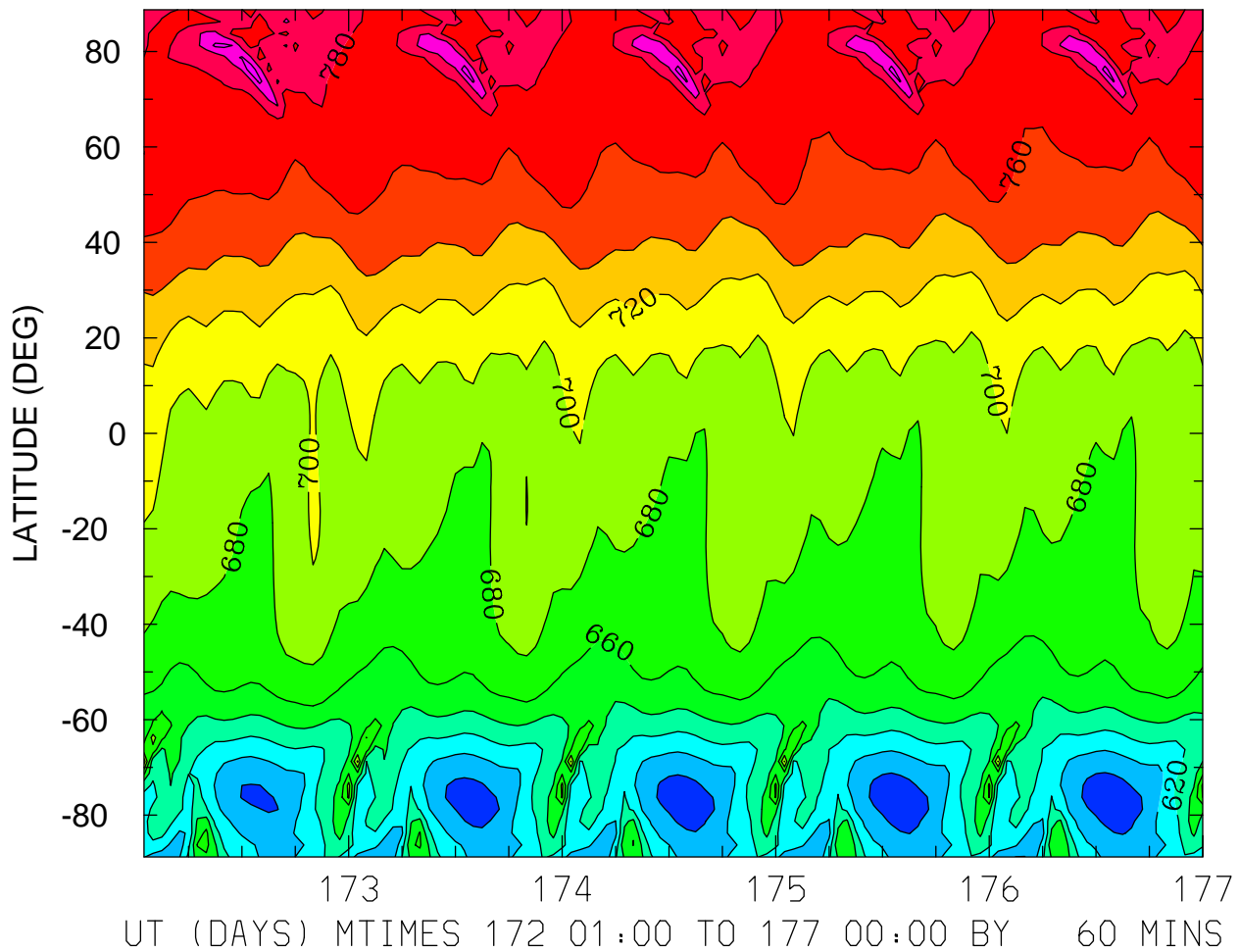
ION TEMPERATURE (DEG K)  
ZP = -0.125 LOCAL TIME = 0.00



MIN,MAX= 5.5477E+02 8.1338E+02 INTERVAL= 2.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

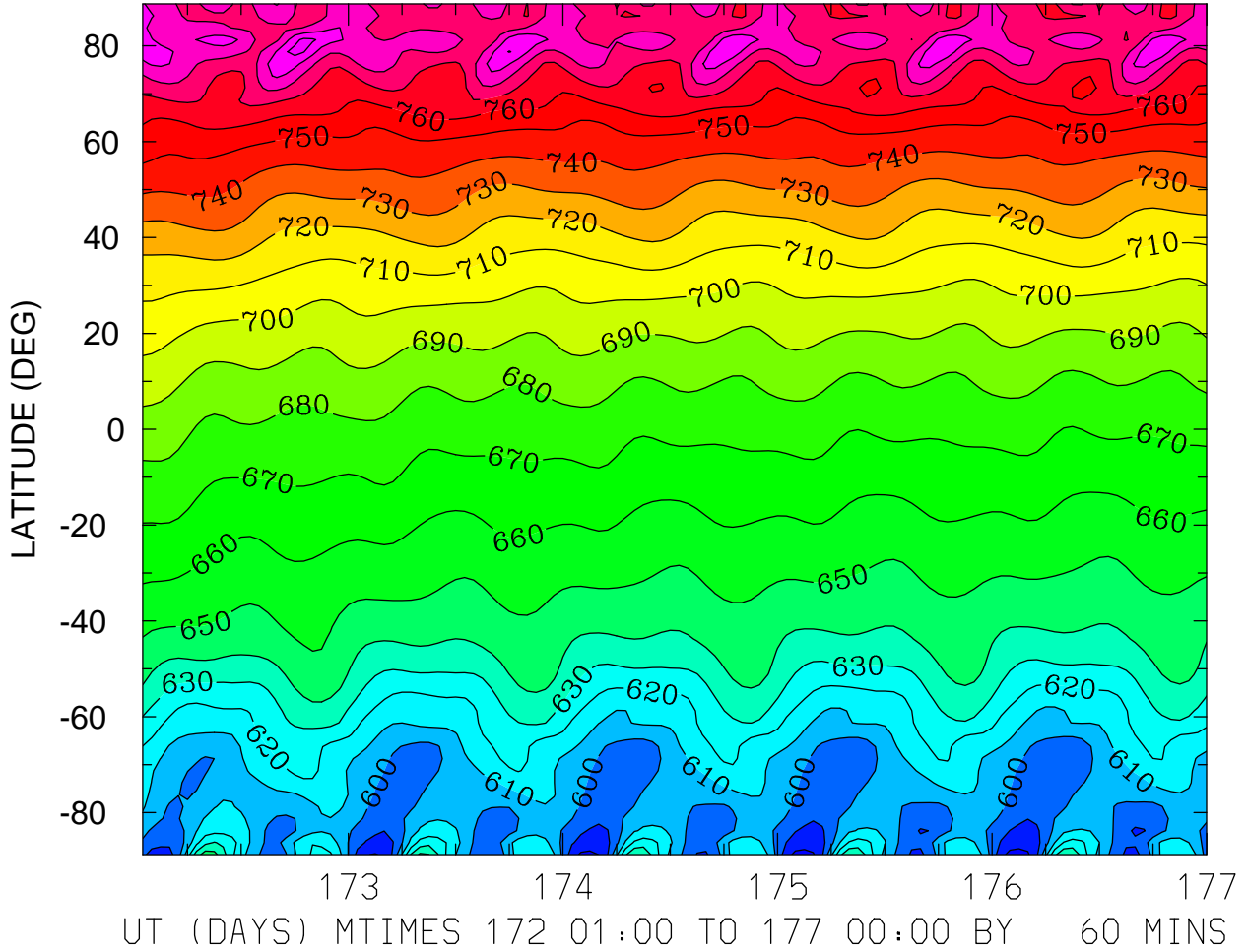


ION TEMPERATURE (DEG K)  
ZP = -0.125 LOCAL TIME = 12.00



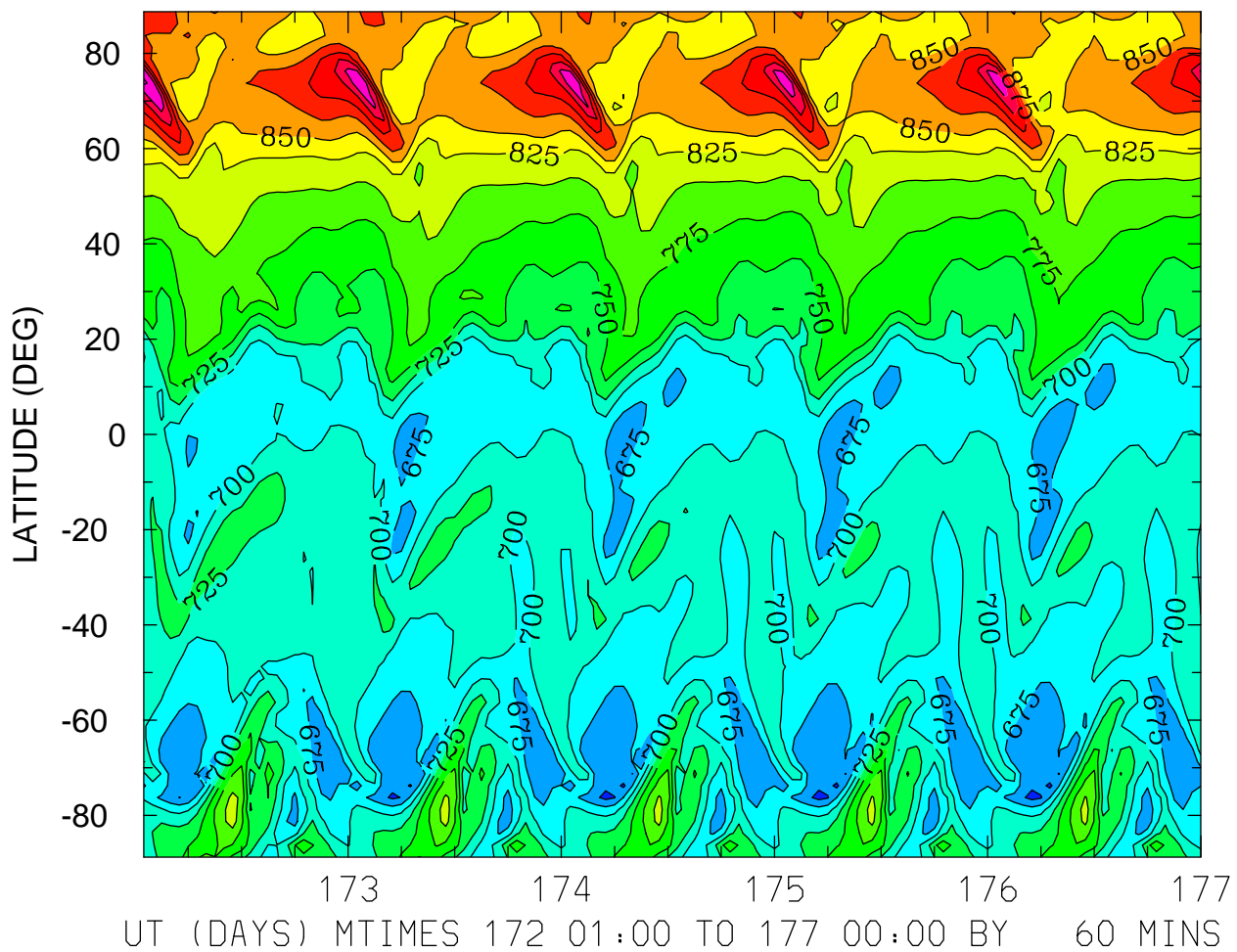
MIN,MAX= 5.7077E+02 8.3384E+02 INTERVAL= 2.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



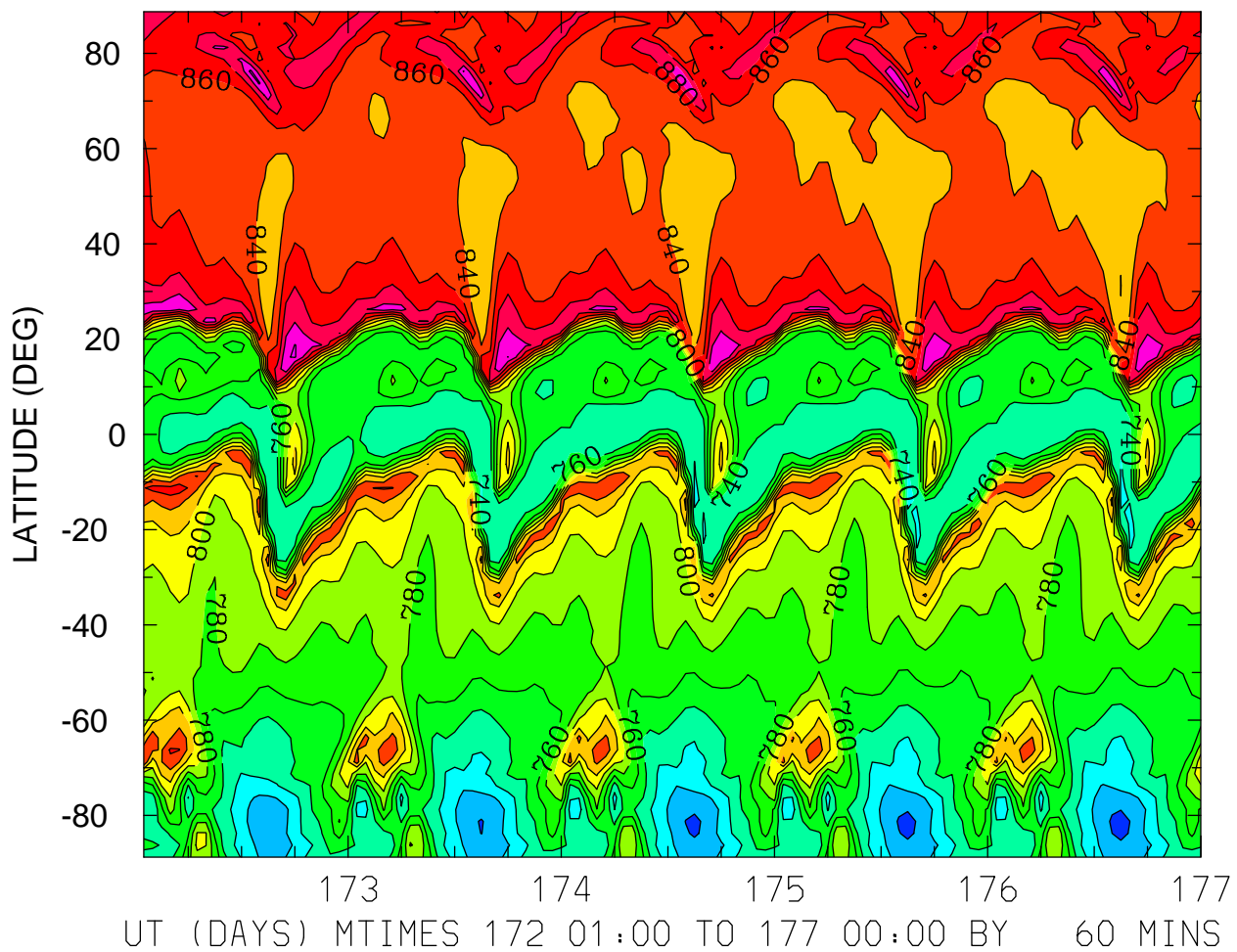
MIN,MAX= 5.7574E+02 8.0330E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



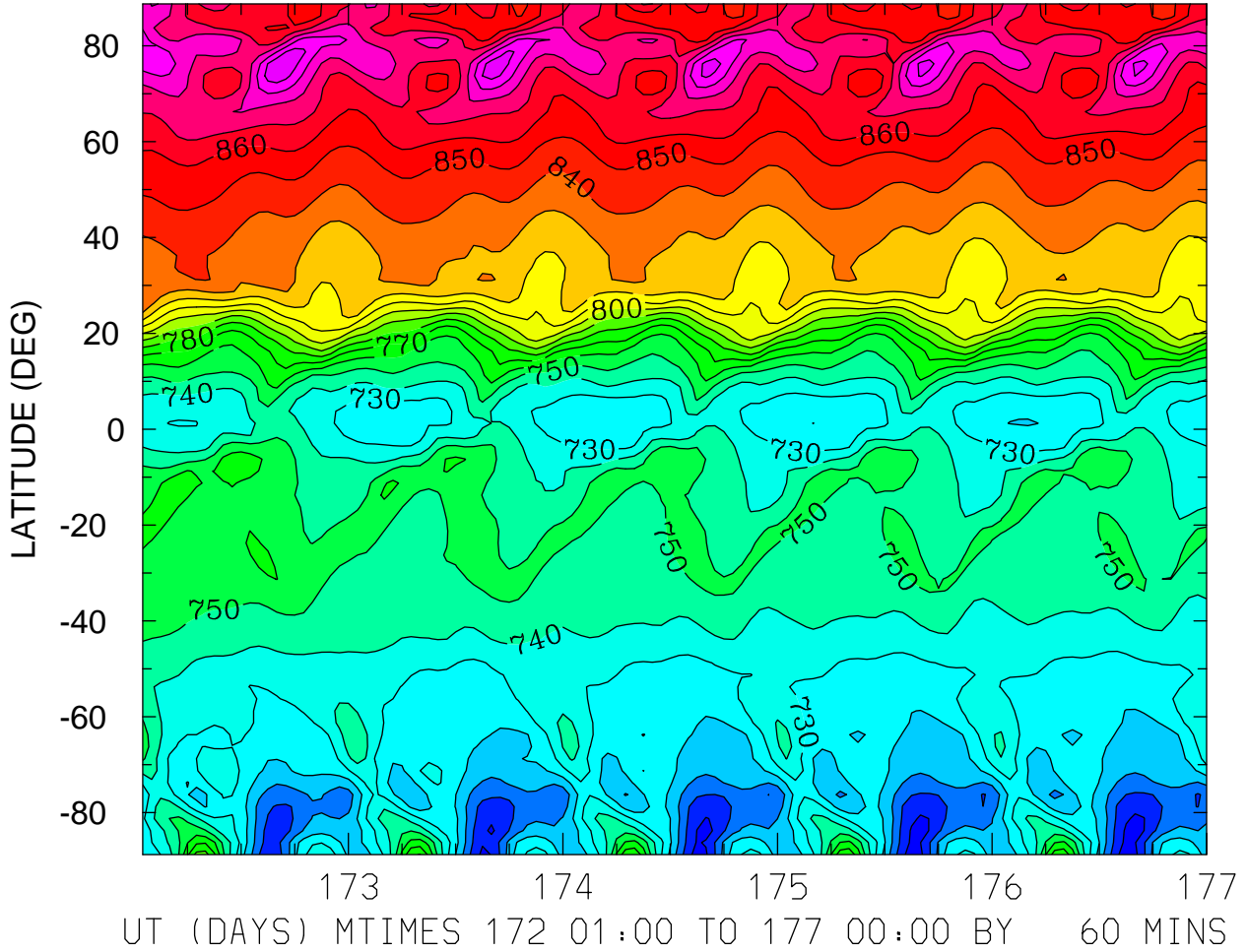
MIN,MAX= 6.4259E+02 9.8010E+02 INTERVAL= 2.5000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



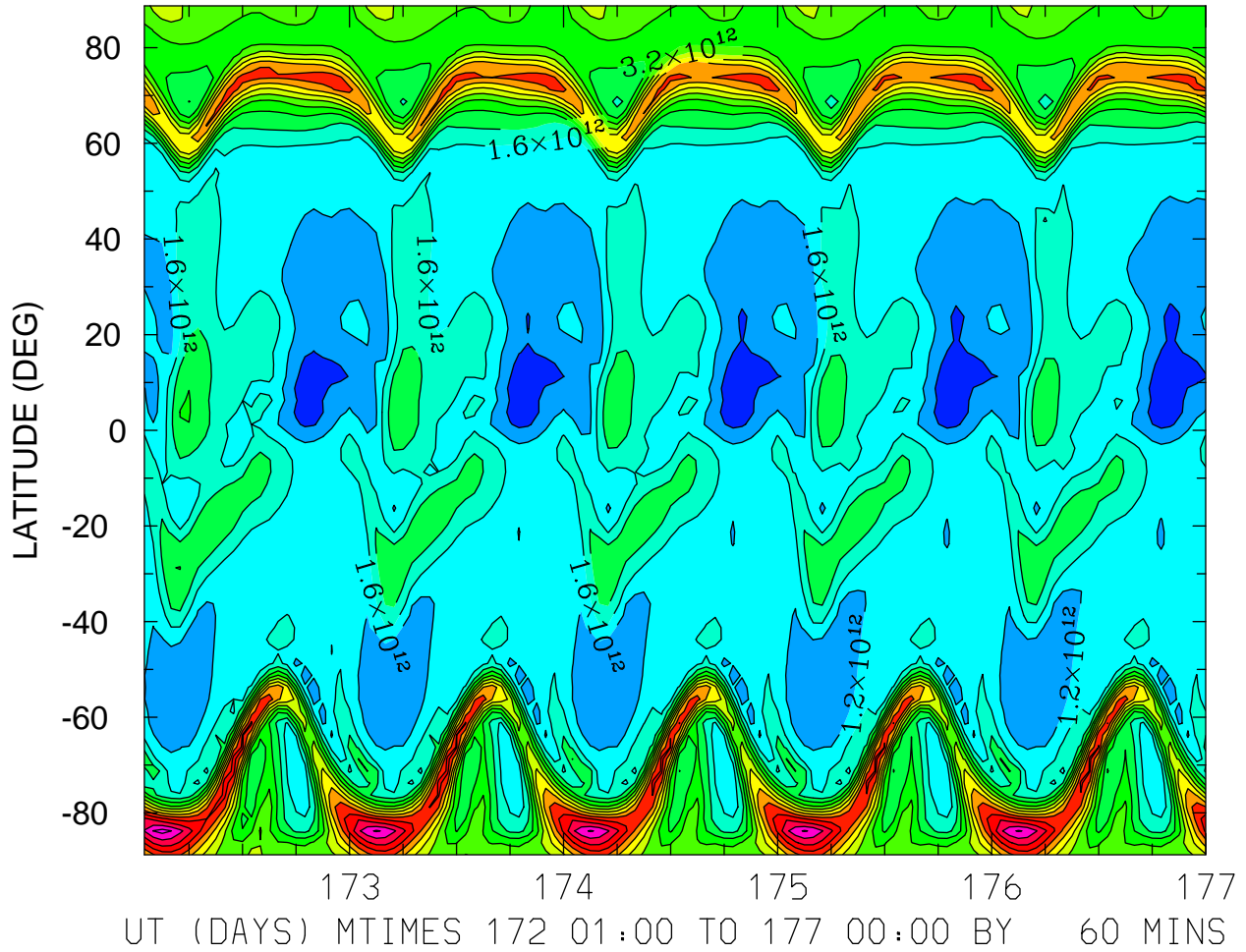
MIN,MAX= 6.7549E+02 9.2485E+02 INTERVAL= 2.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

ION TEMPERATURE (DEG K)  
ZP = 3.875 ZONAL MEANS



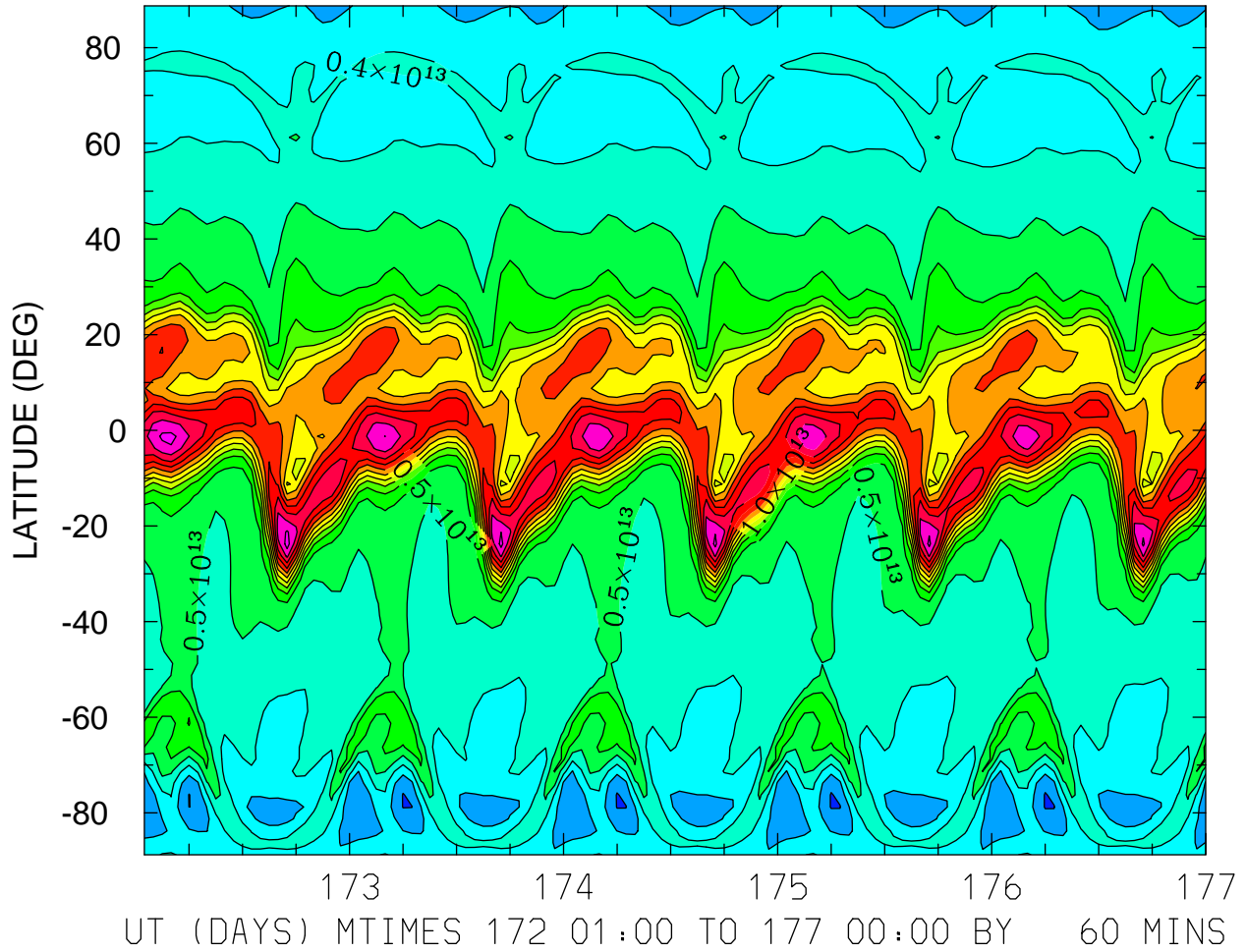
MIN,MAX= 6.8402E+02 9.0947E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

TEC: Total Electron Content ( )  
LOCAL TIME = 0.00



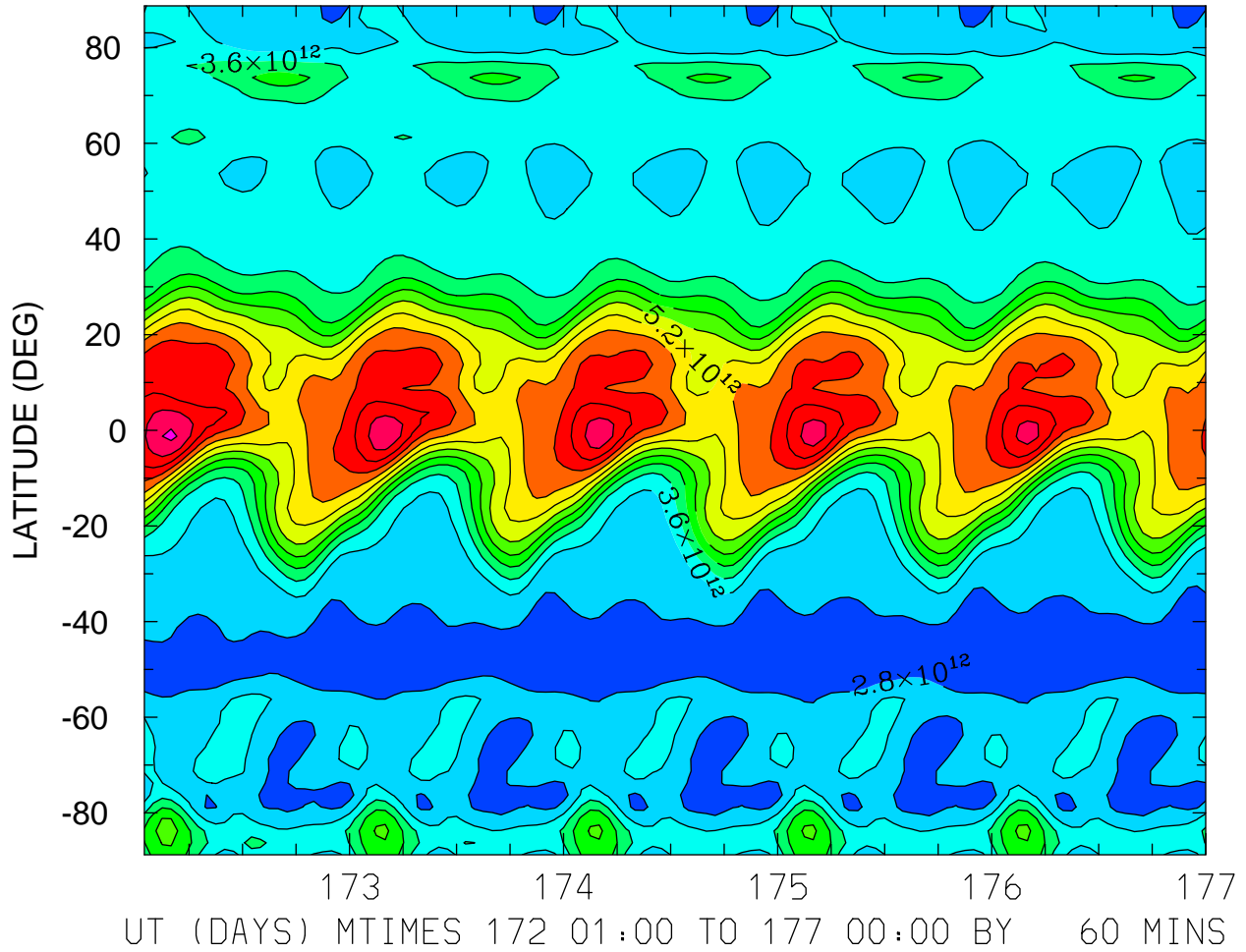
MIN,MAX= 4.5858E+11 6.1573E+12 INTERVAL= 4.0000E+11  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

TEC: Total Electron Content ( )  
LOCAL TIME = 12.00



MIN,MAX= 1.9162E+12 1.5468E+13 INTERVAL= 1.0000E+12  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

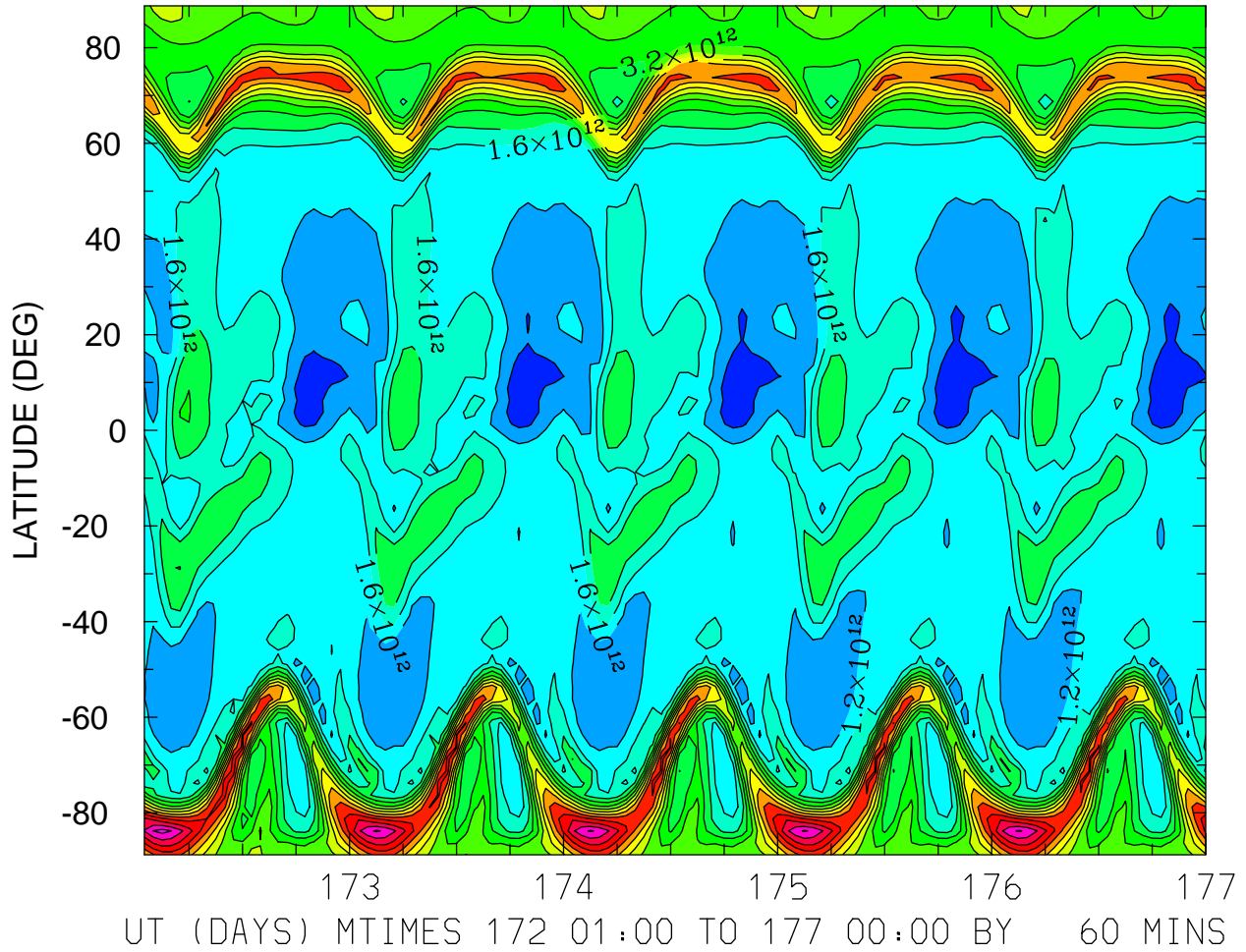
TEC: Total Electron Content ( )  
ZONAL MEANS



MIN,MAX= 2.4298E+12 7.2747E+12 INTERVAL= 4.0000E+11  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

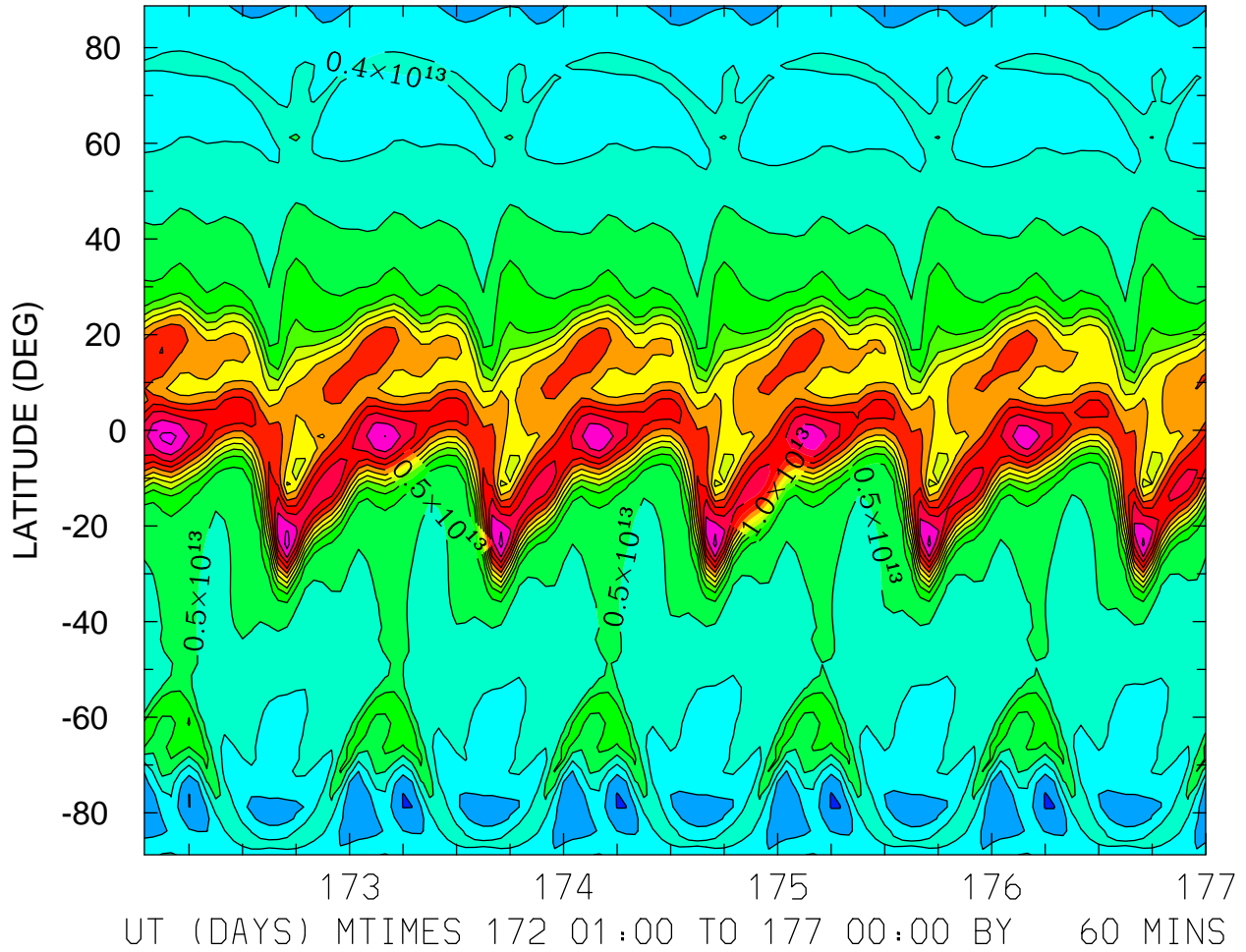


TEC: Total Electron Content ( )  
LOCAL TIME = 0.00



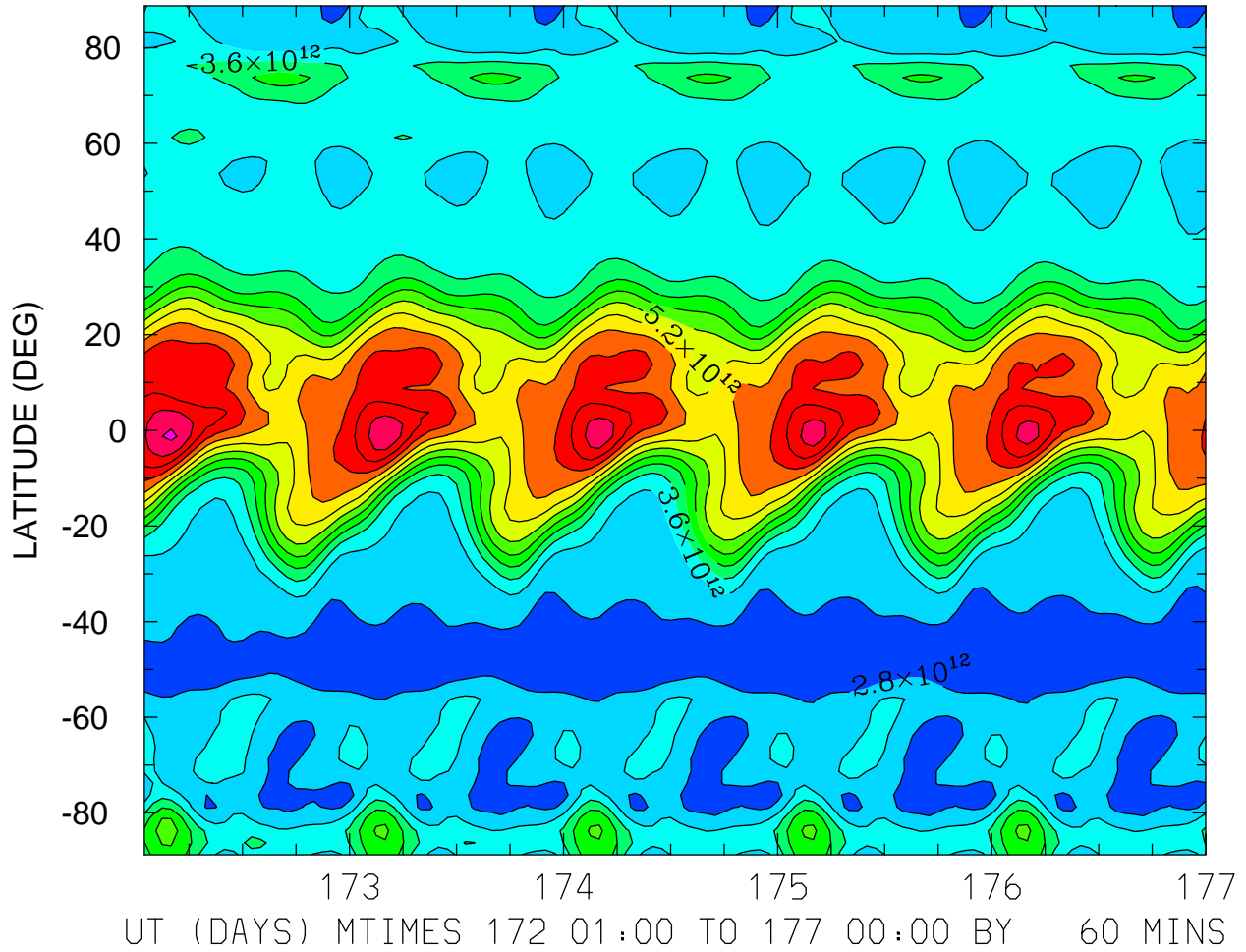
MIN,MAX= 4.5858E+11 6.1573E+12 INTERVAL= 4.0000E+11  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

TEC: Total Electron Content ( )  
LOCAL TIME = 12.00



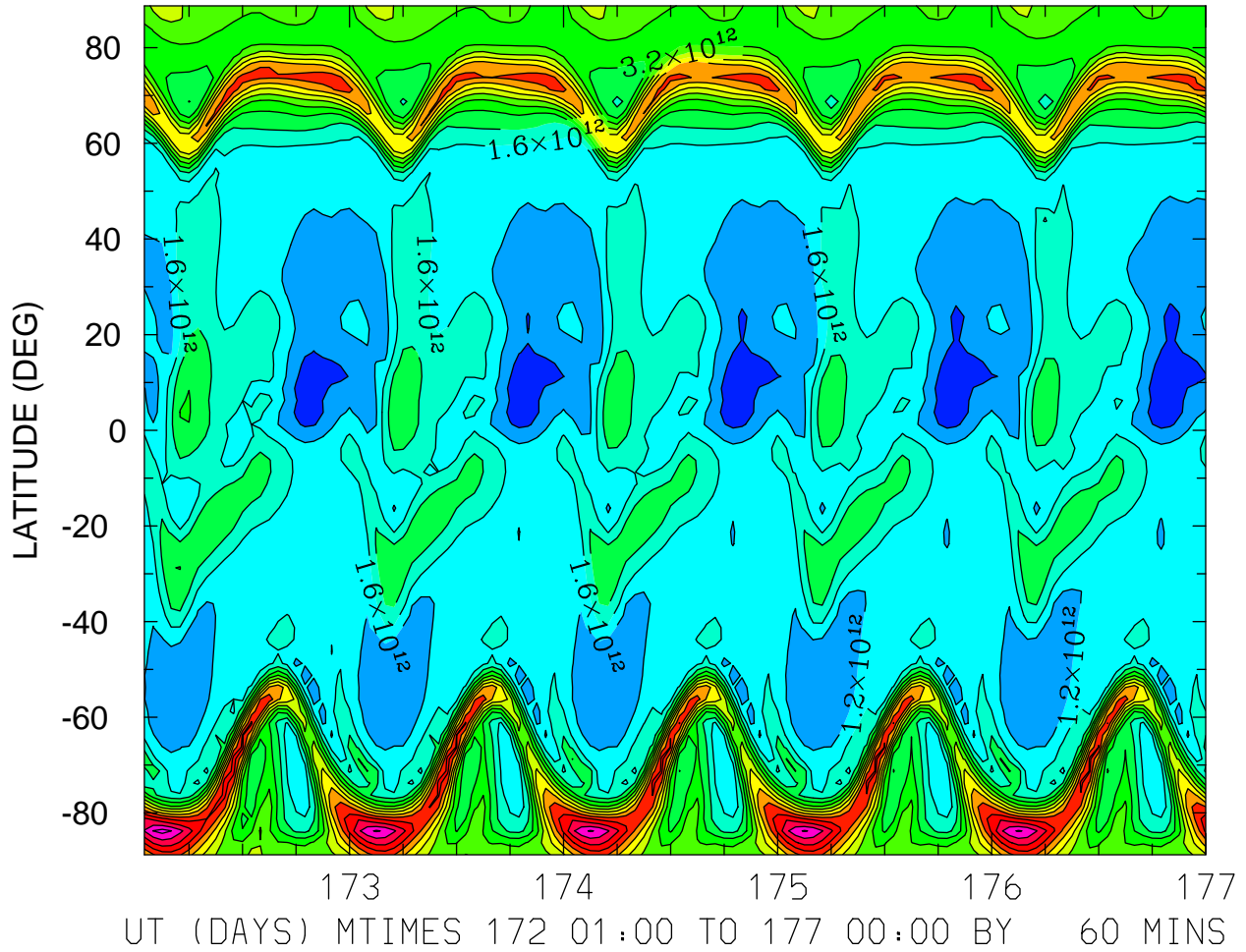
MIN,MAX= 1.9162E+12 1.5468E+13 INTERVAL= 1.0000E+12  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

TEC: Total Electron Content ( )  
ZONAL MEANS



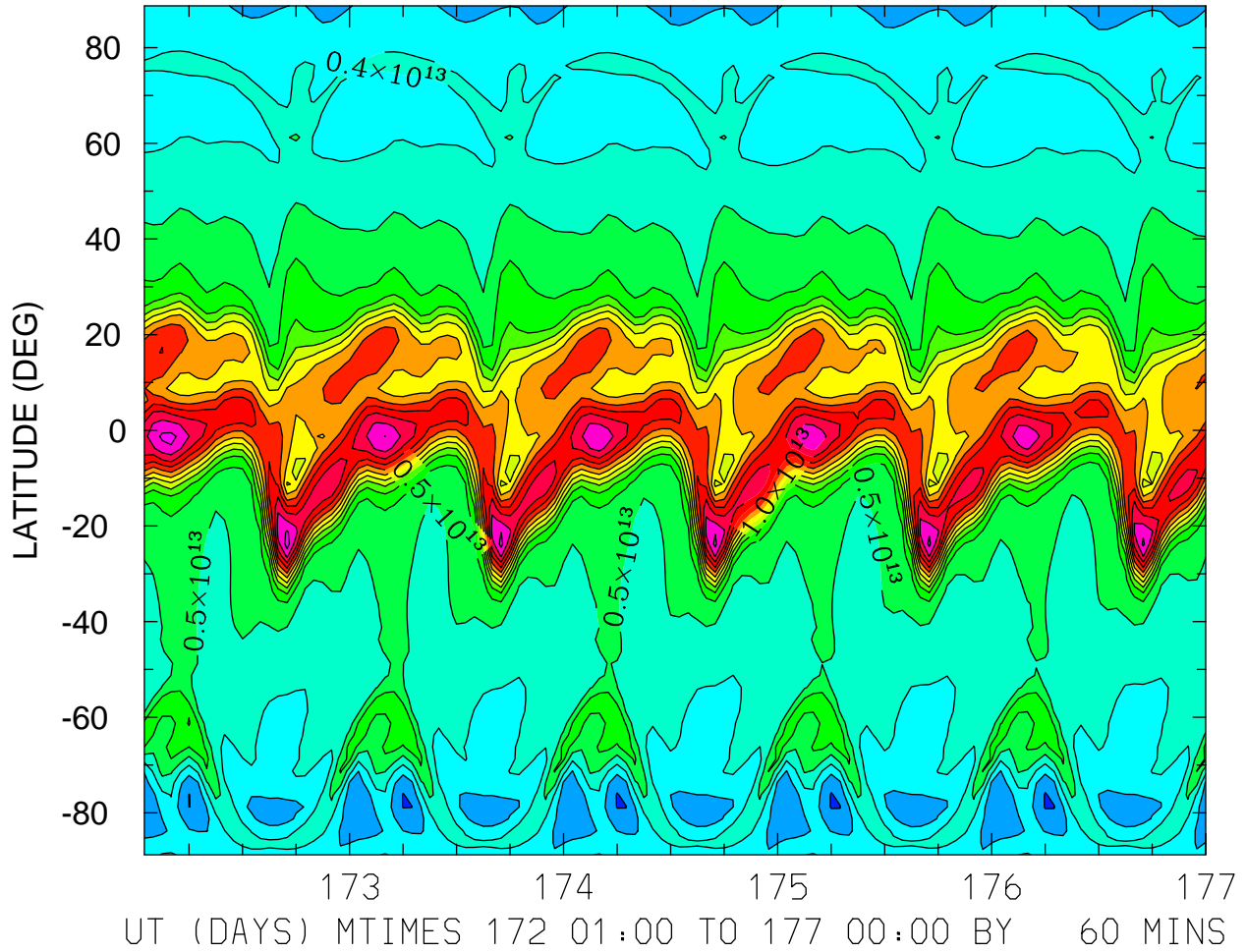
MIN,MAX= 2.4298E+12 7.2747E+12 INTERVAL= 4.0000E+11  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

TEC: Total Electron Content ( )  
LOCAL TIME = 0.00



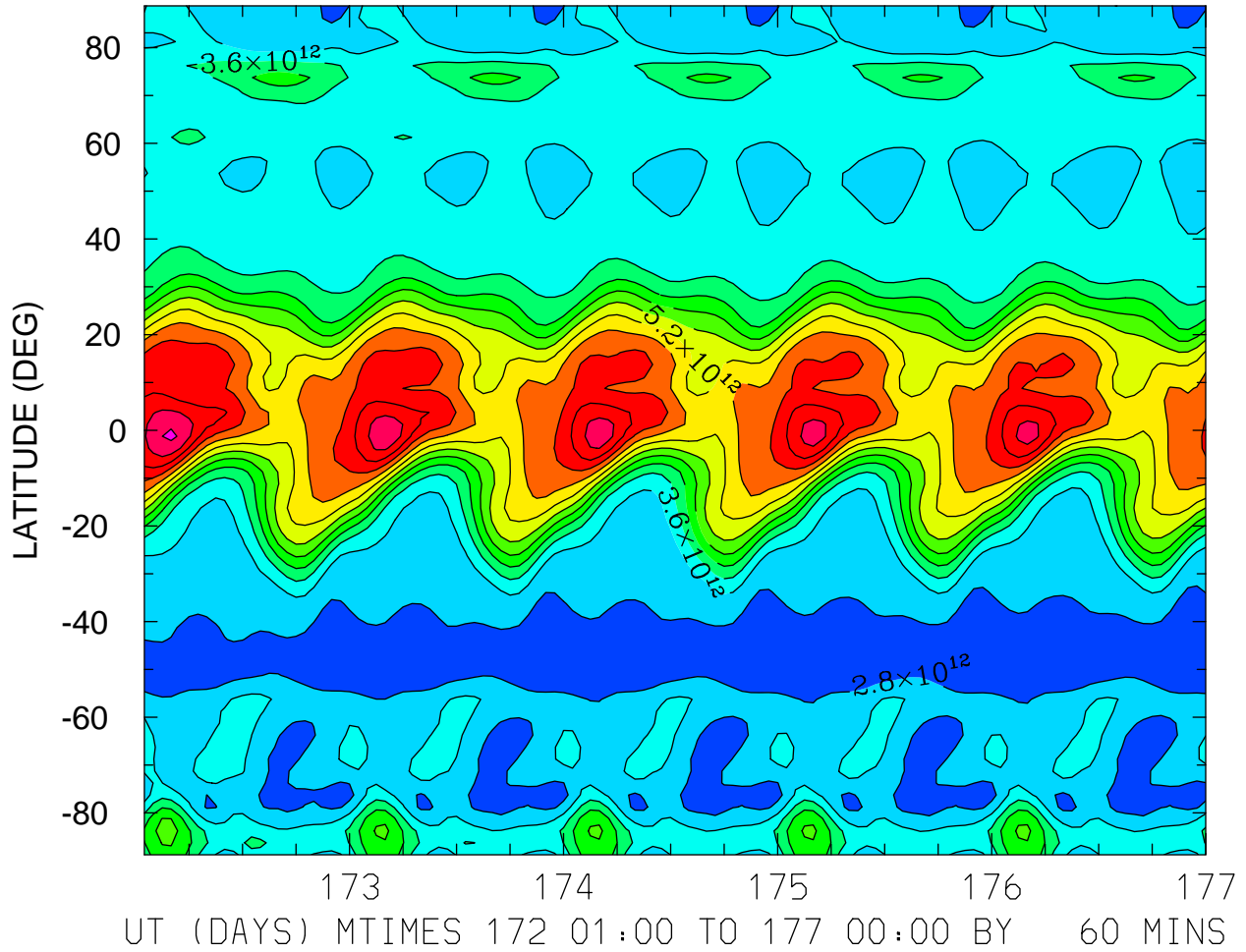
MIN,MAX= 4.5858E+11 6.1573E+12 INTERVAL= 4.0000E+11  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

TEC: Total Electron Content ( )  
LOCAL TIME = 12.00



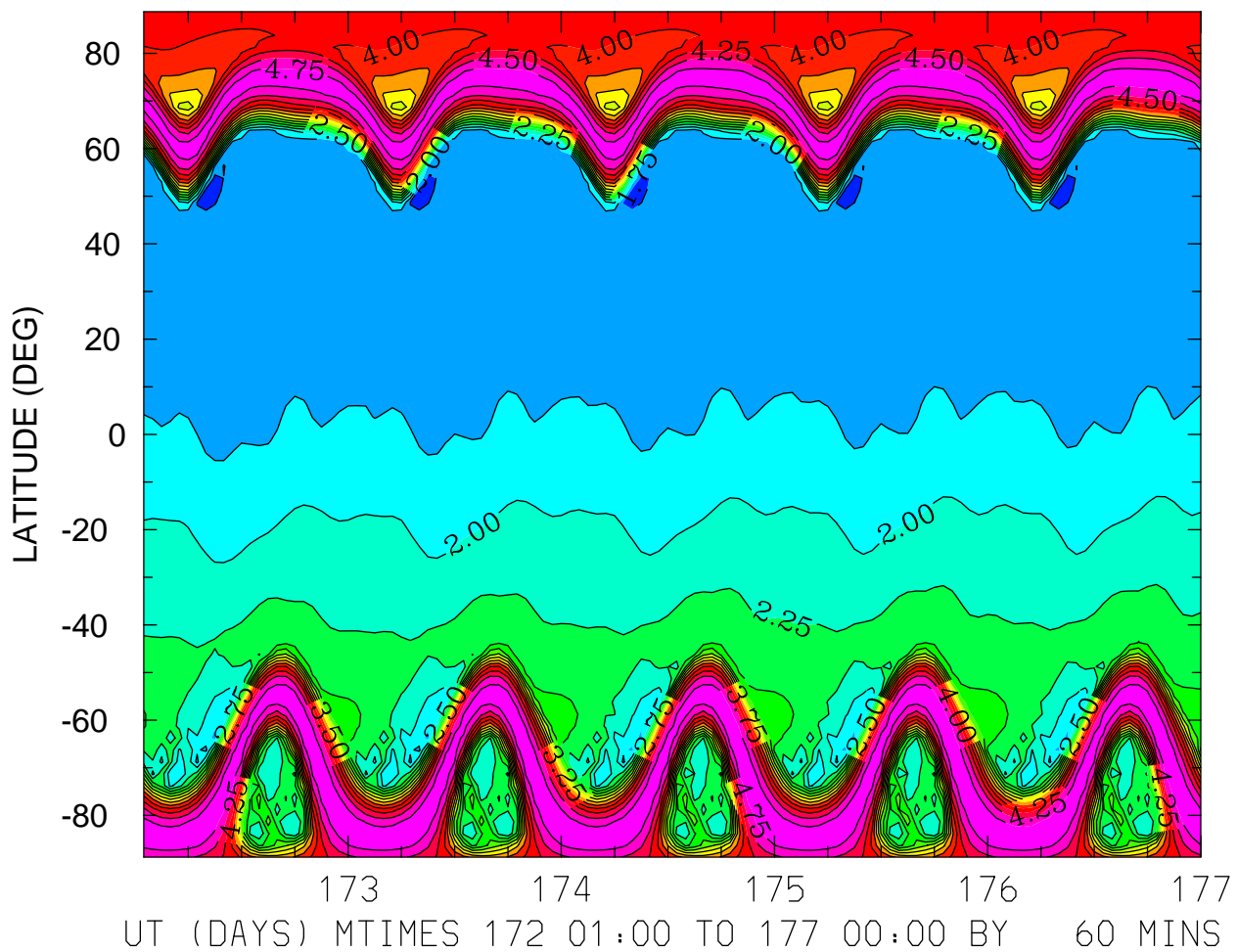
MIN,MAX= 1.9162E+12 1.5468E+13 INTERVAL= 1.0000E+12  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

TEC: Total Electron Content ( )  
ZONAL MEANS



MIN,MAX= 2.4298E+12 7.2747E+12 INTERVAL= 4.0000E+11  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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

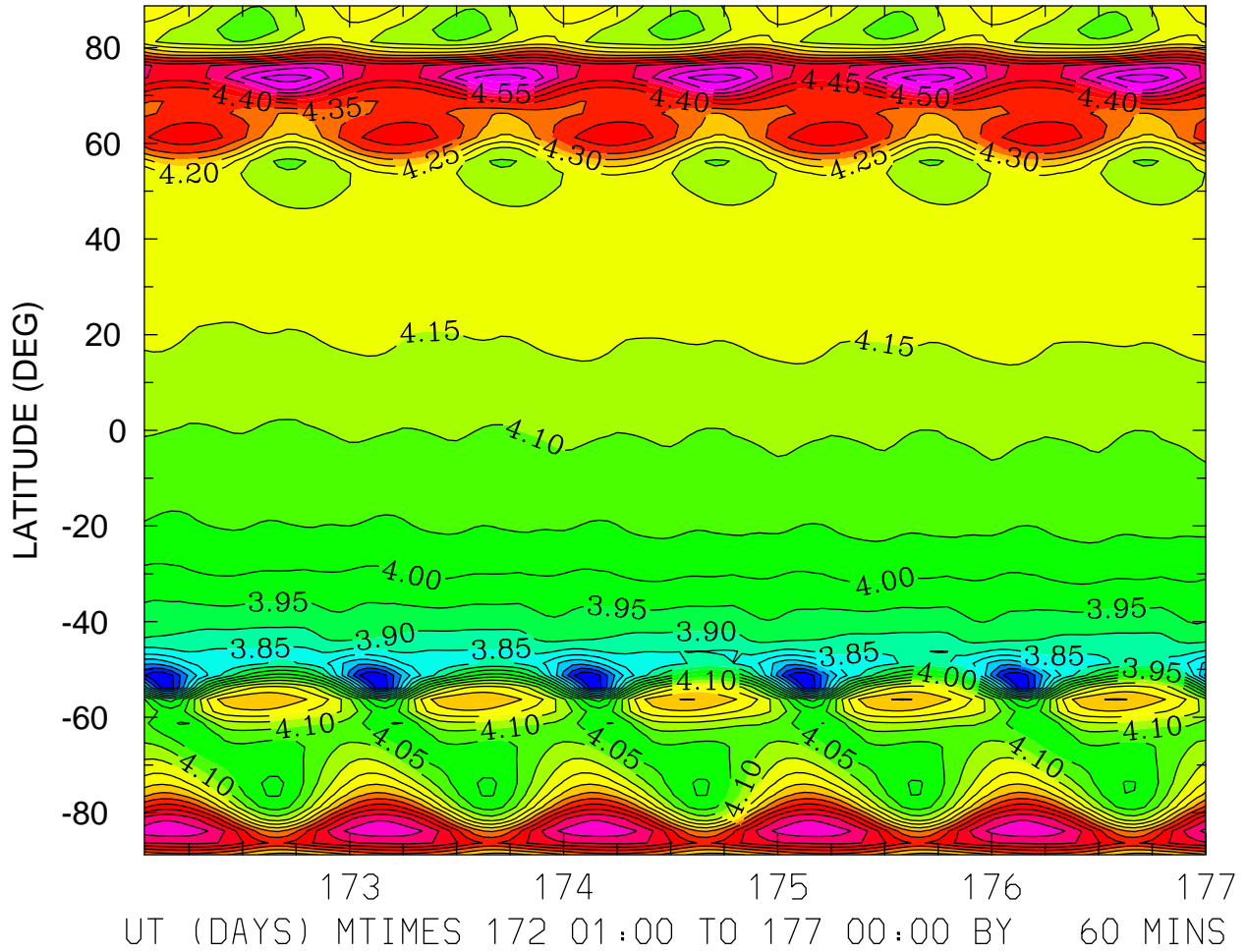


MIN,MAX= 1.4162E+00 4.9475E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc



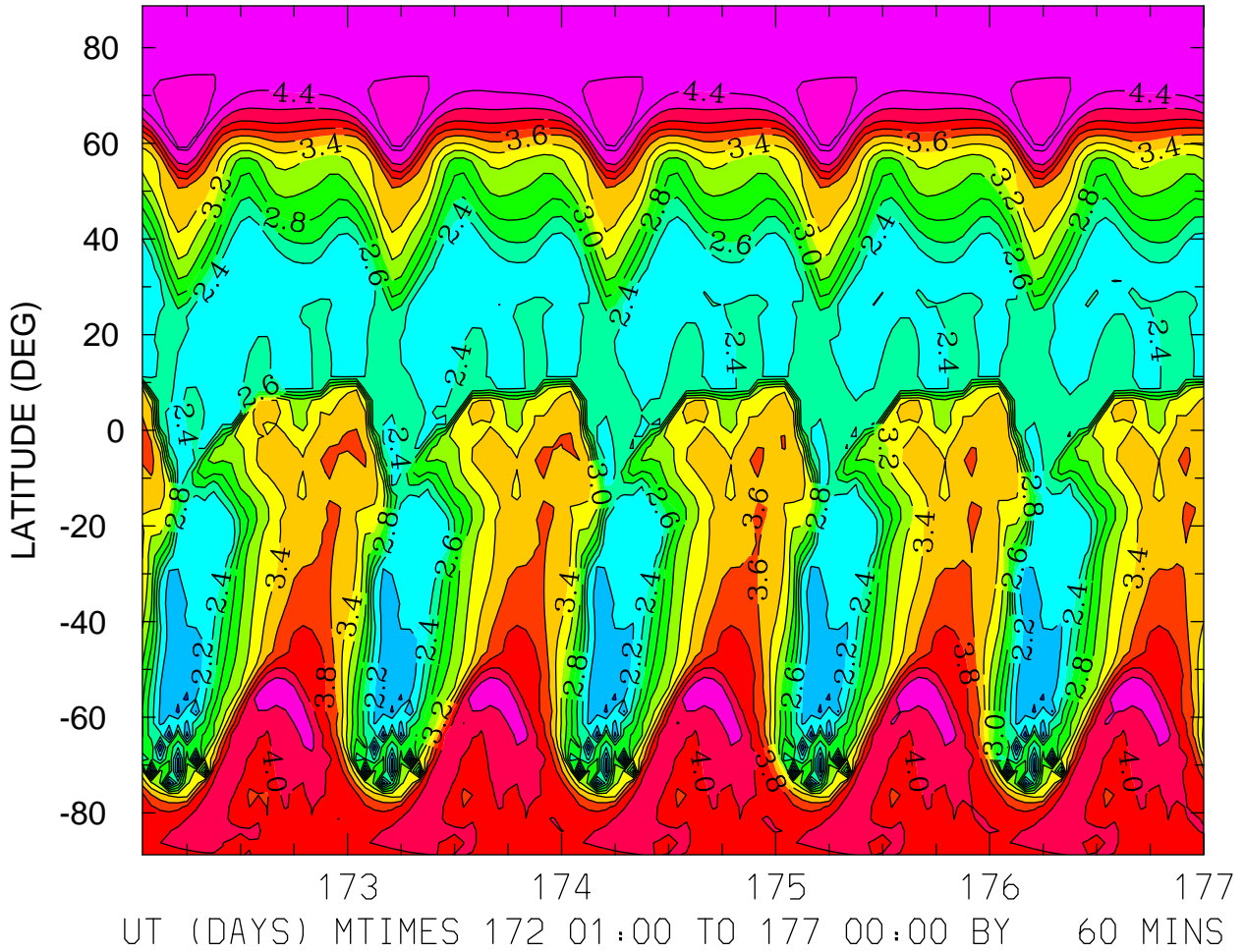


LOG10 O2+ ION (CM3)  
ZP = -4.125 ZONAL MEANS



MIN,MAX= 3.5511E+00 4.6789E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

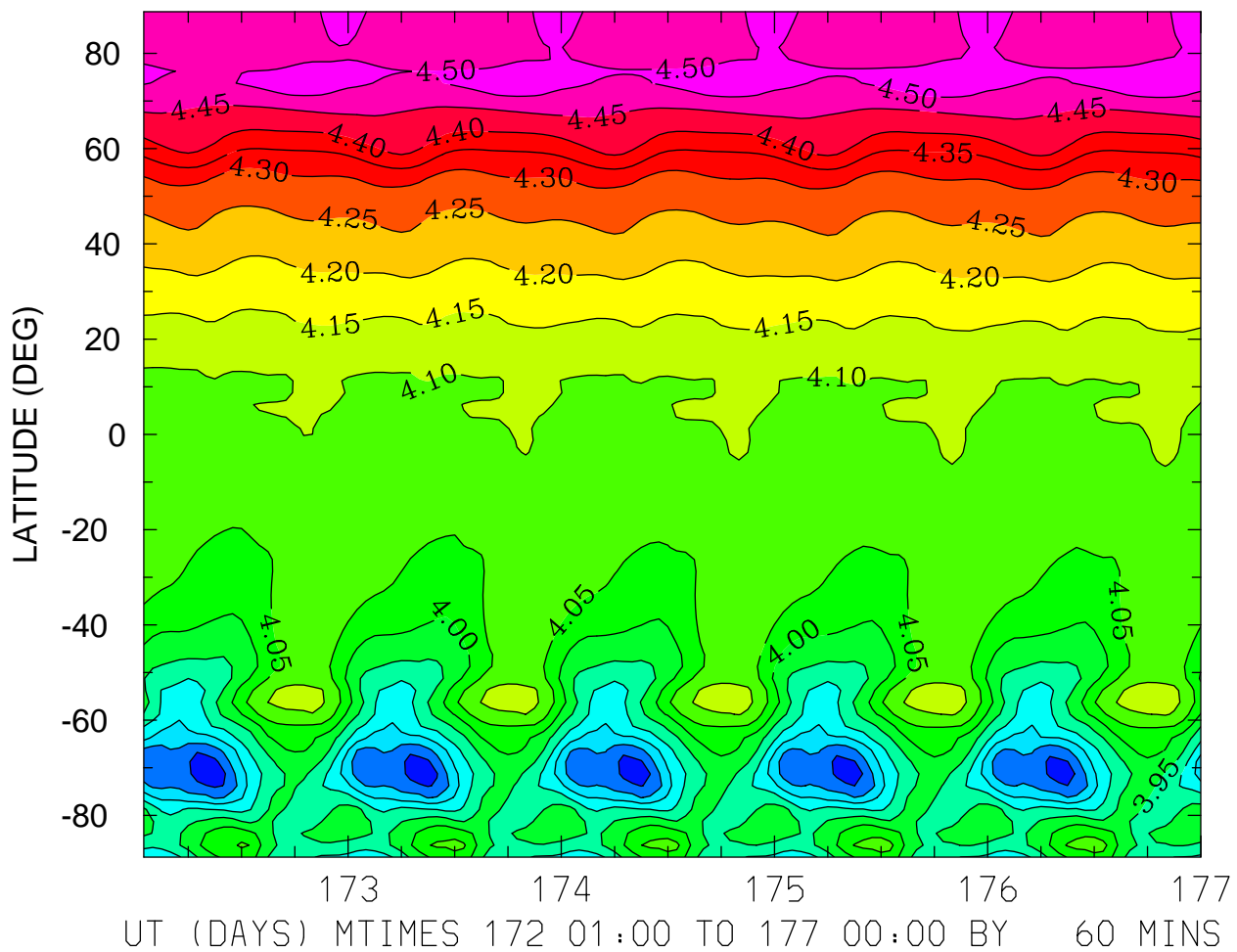
LOG10 O2+ ION (CM3)  
ZP = -0.125 LOCAL TIME = 0.00



MIN,MAX= 1.8285E+00 4.5326E+00 INTERVAL= 2.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

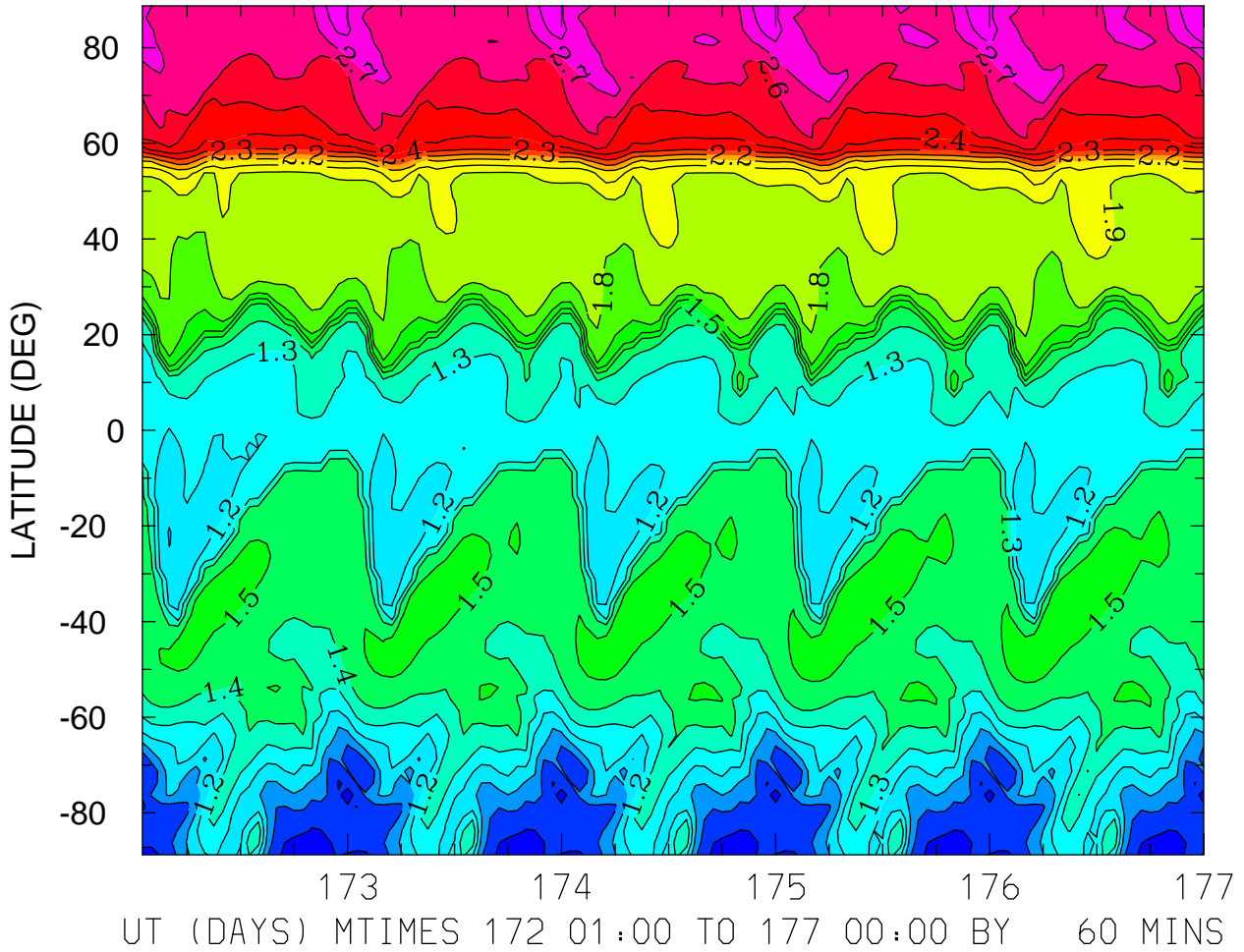


LOG10 O2+ ION (CM3)  
ZP = -0.125 ZONAL MEANS



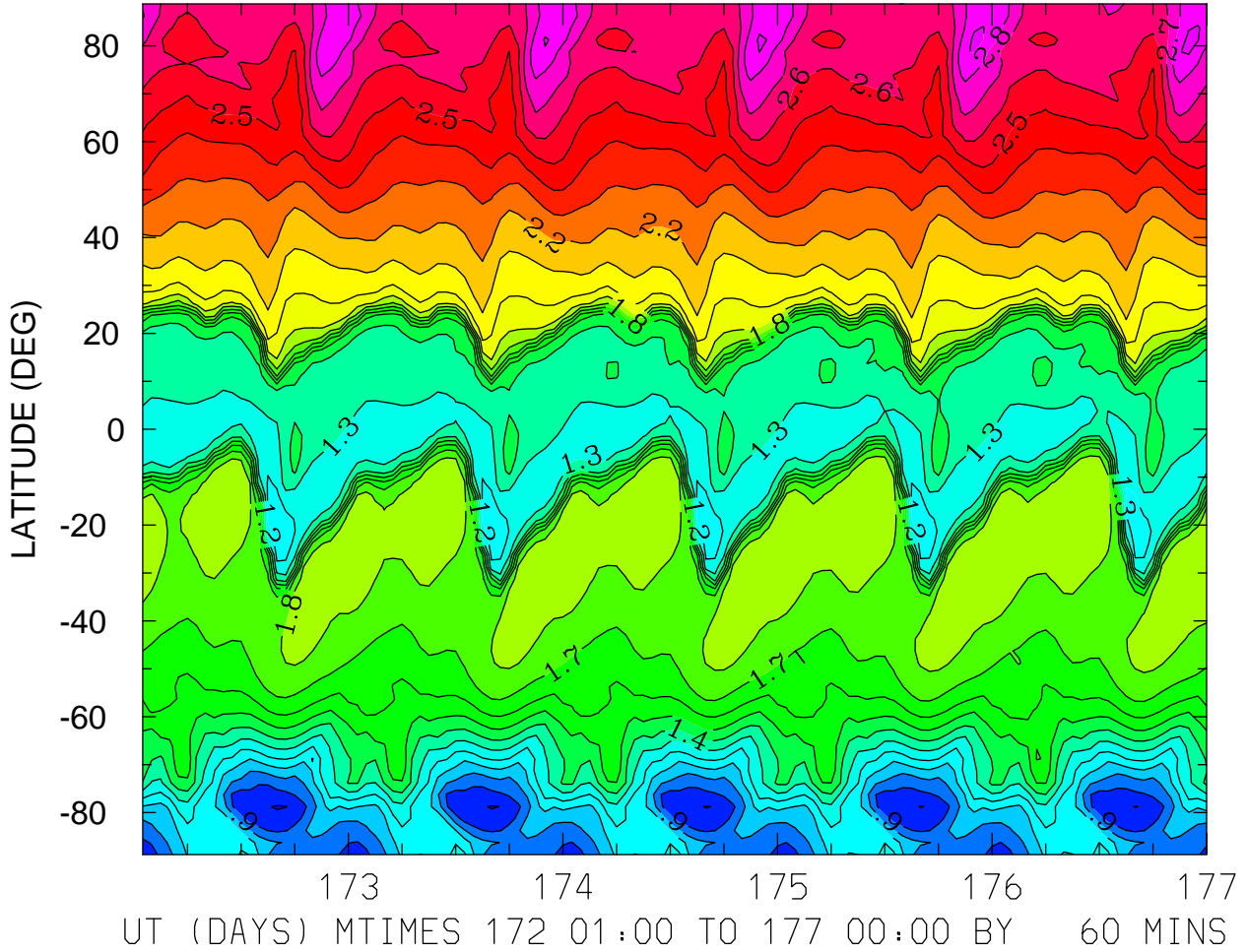
MIN,MAX= 3.7105E+00 4.5347E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



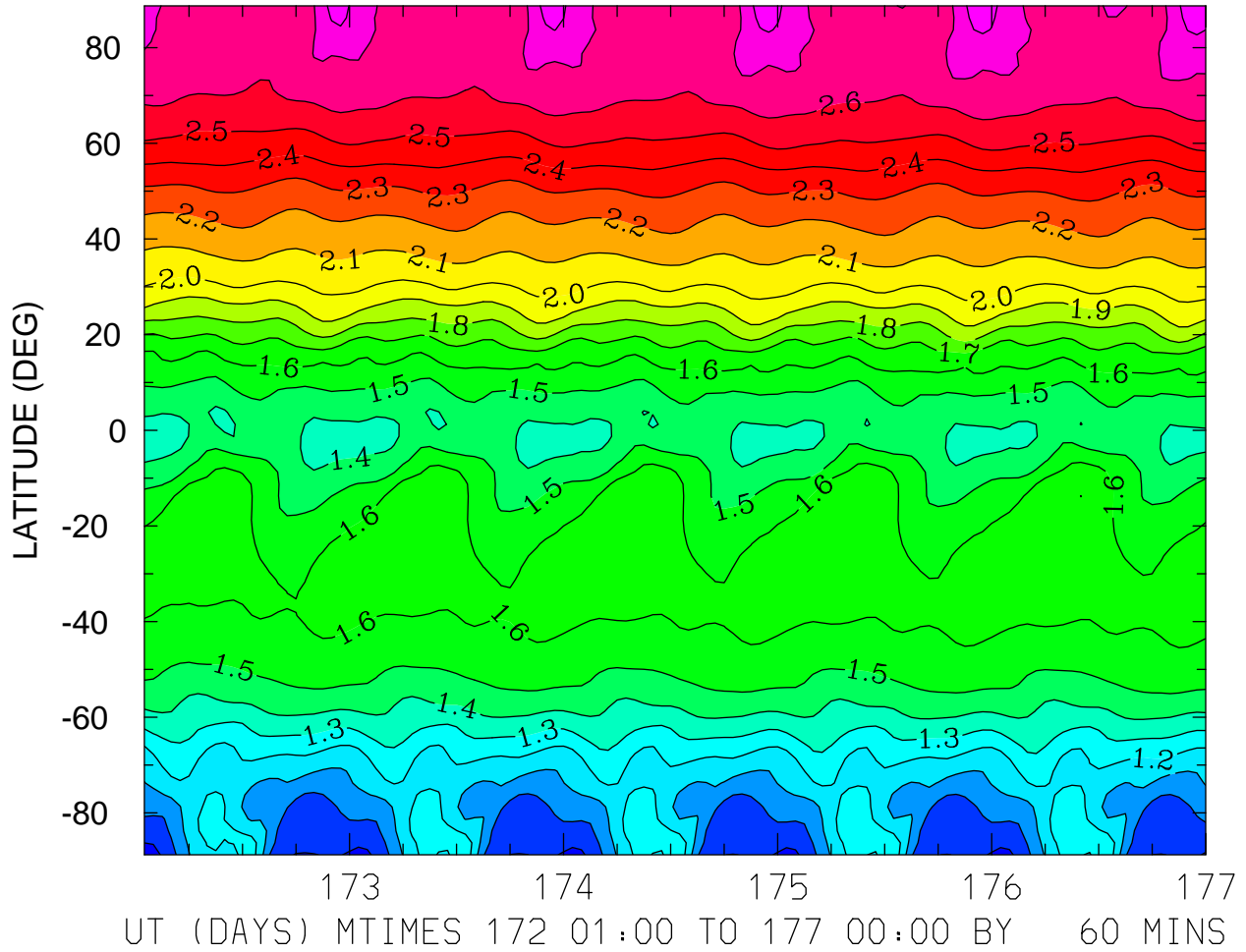
MIN,MAX= 8.5862E-01 2.8708E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



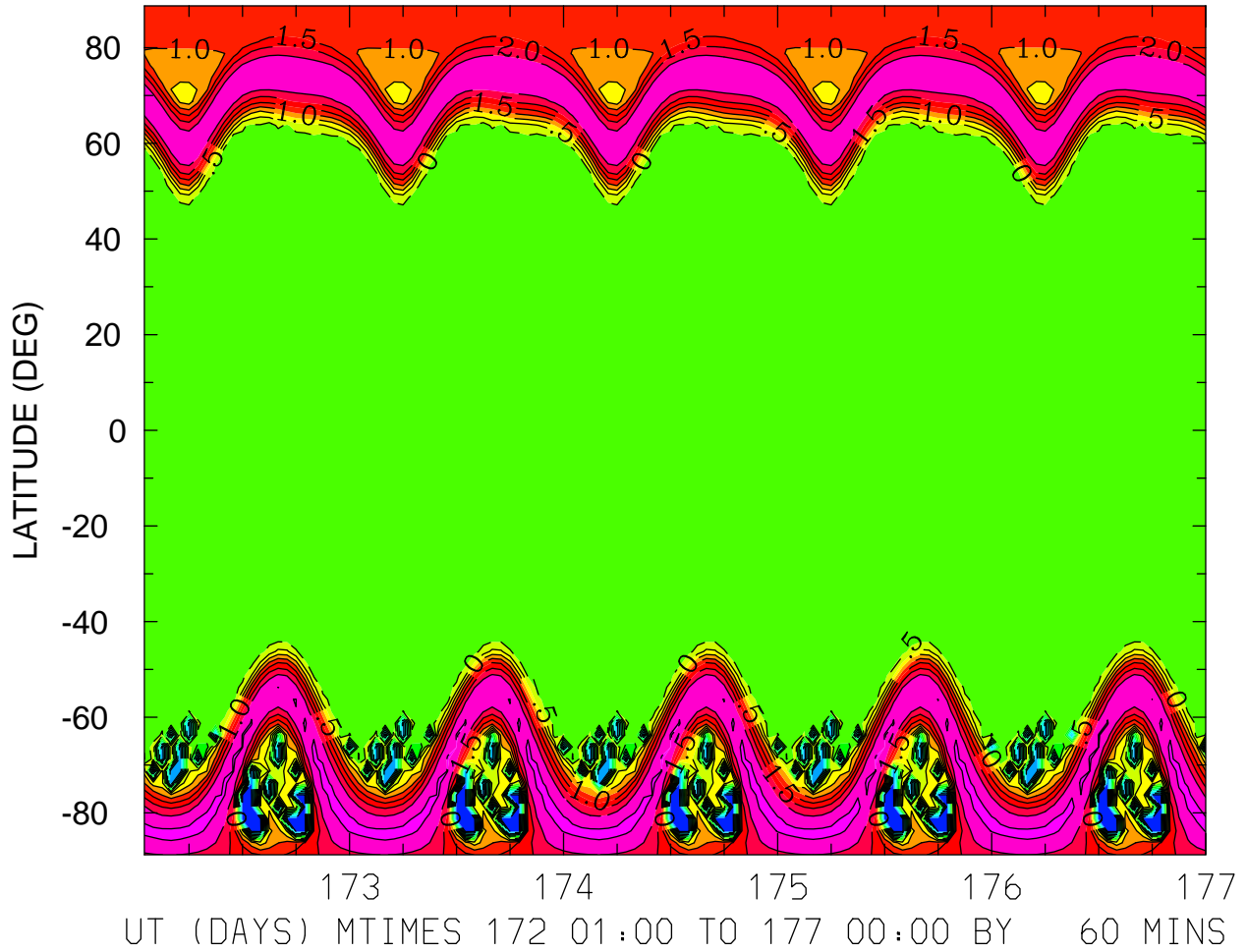
MIN,MAX= 7.9266E-01 2.9246E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

LOG10 O2+ ION (CM3)  
ZP = 3.875 ZONAL MEANS



MIN,MAX= 8.5951E-01 2.8624E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

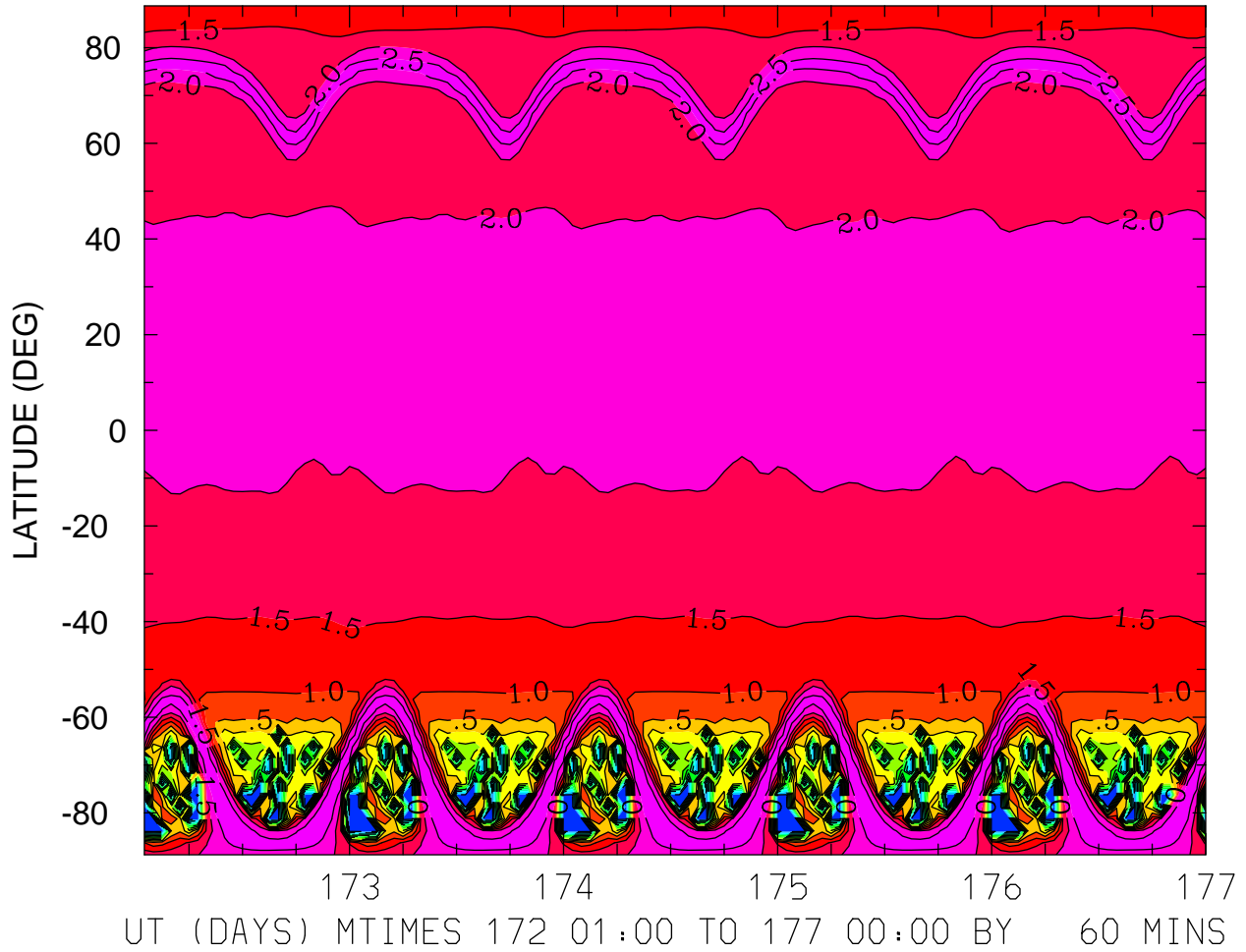
LOG10 O+ ION (CM3)  
ZP = -4.125 LOCAL TIME = 0.00



MIN,MAX= -3.7769E+00 3.0854E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

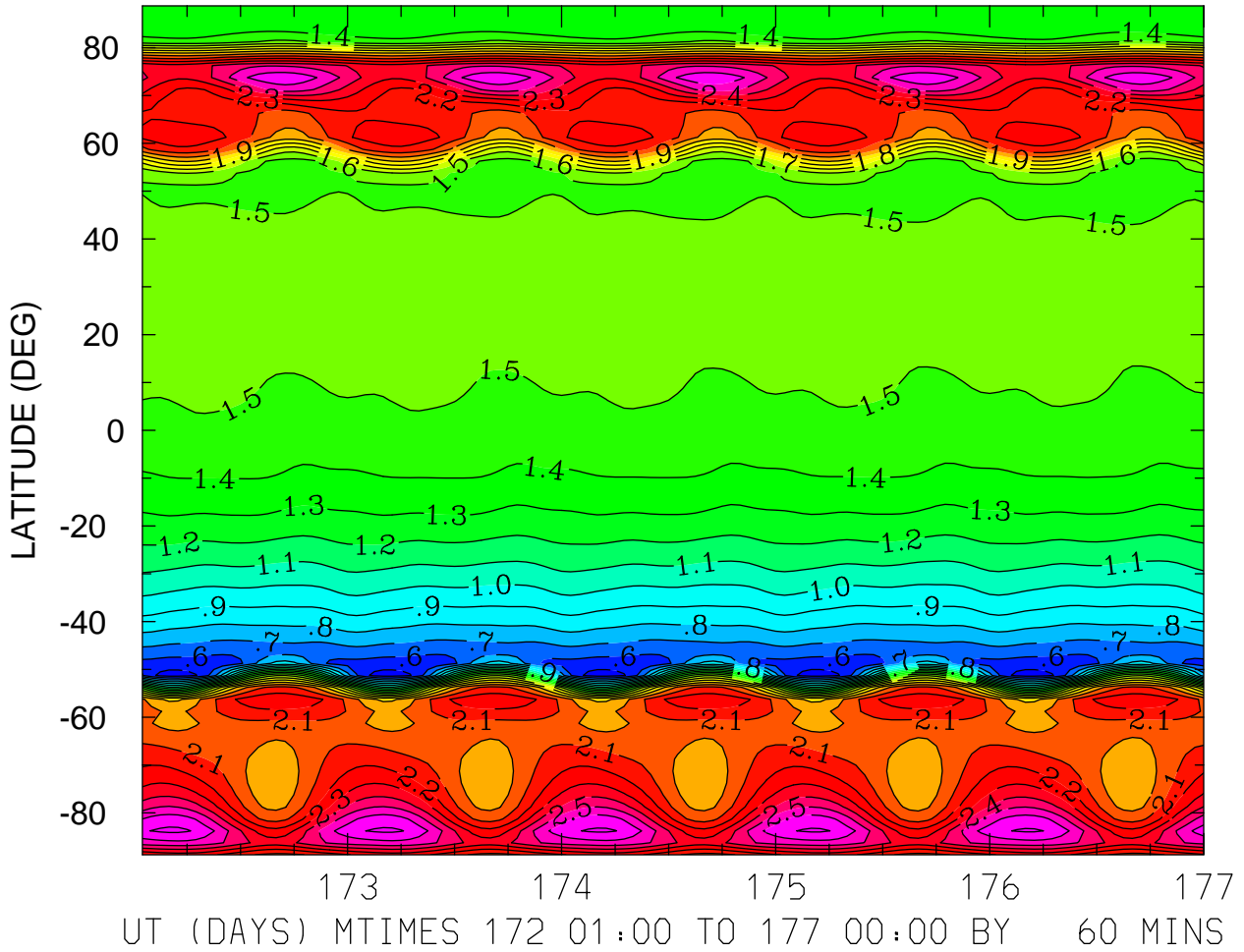


LOG10 O+ ION (CM3)  
ZP = -4.125 LOCAL TIME = 12.00



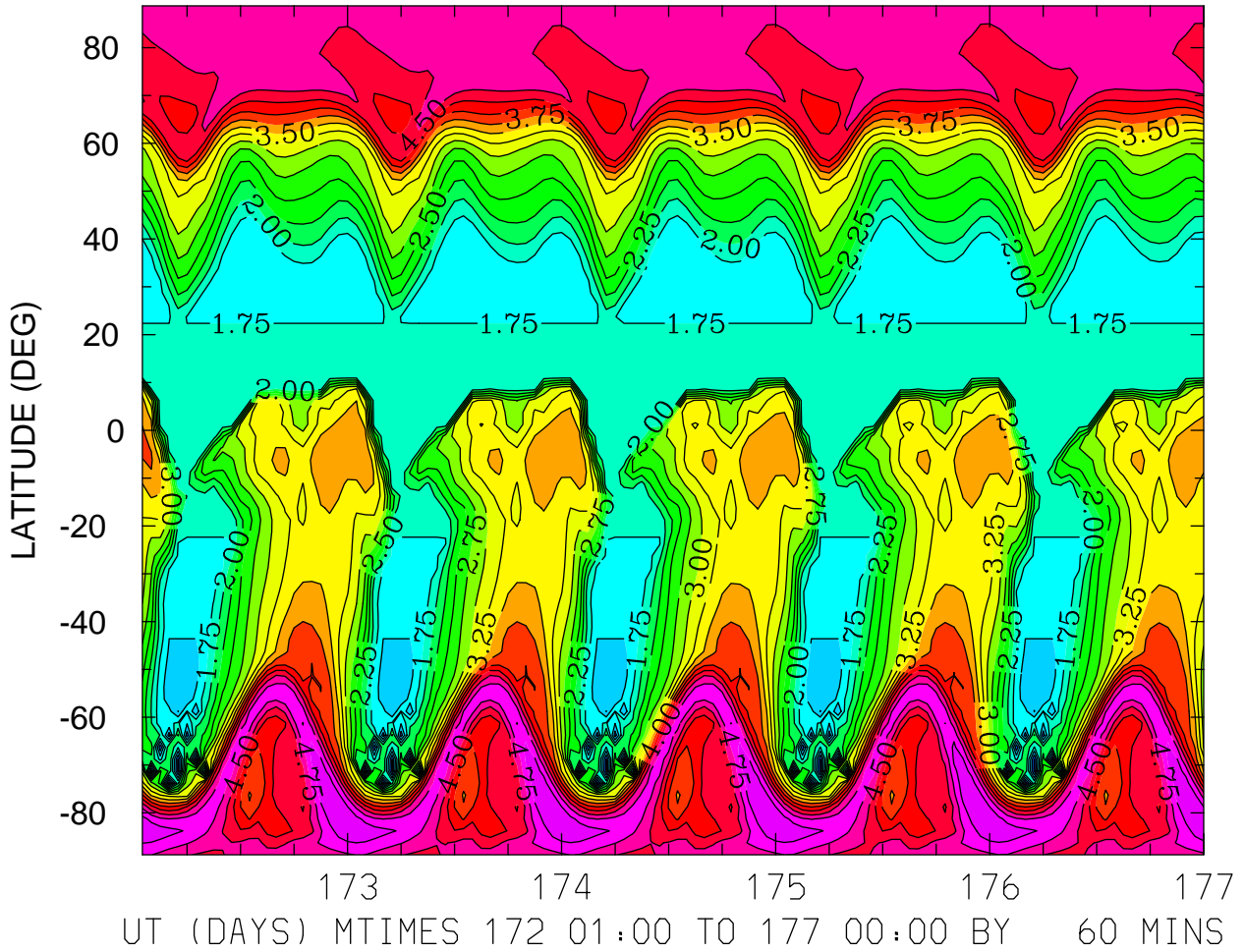
MIN,MAX= -3.7769E+00 2.8082E+00 INTERVAL= 5.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



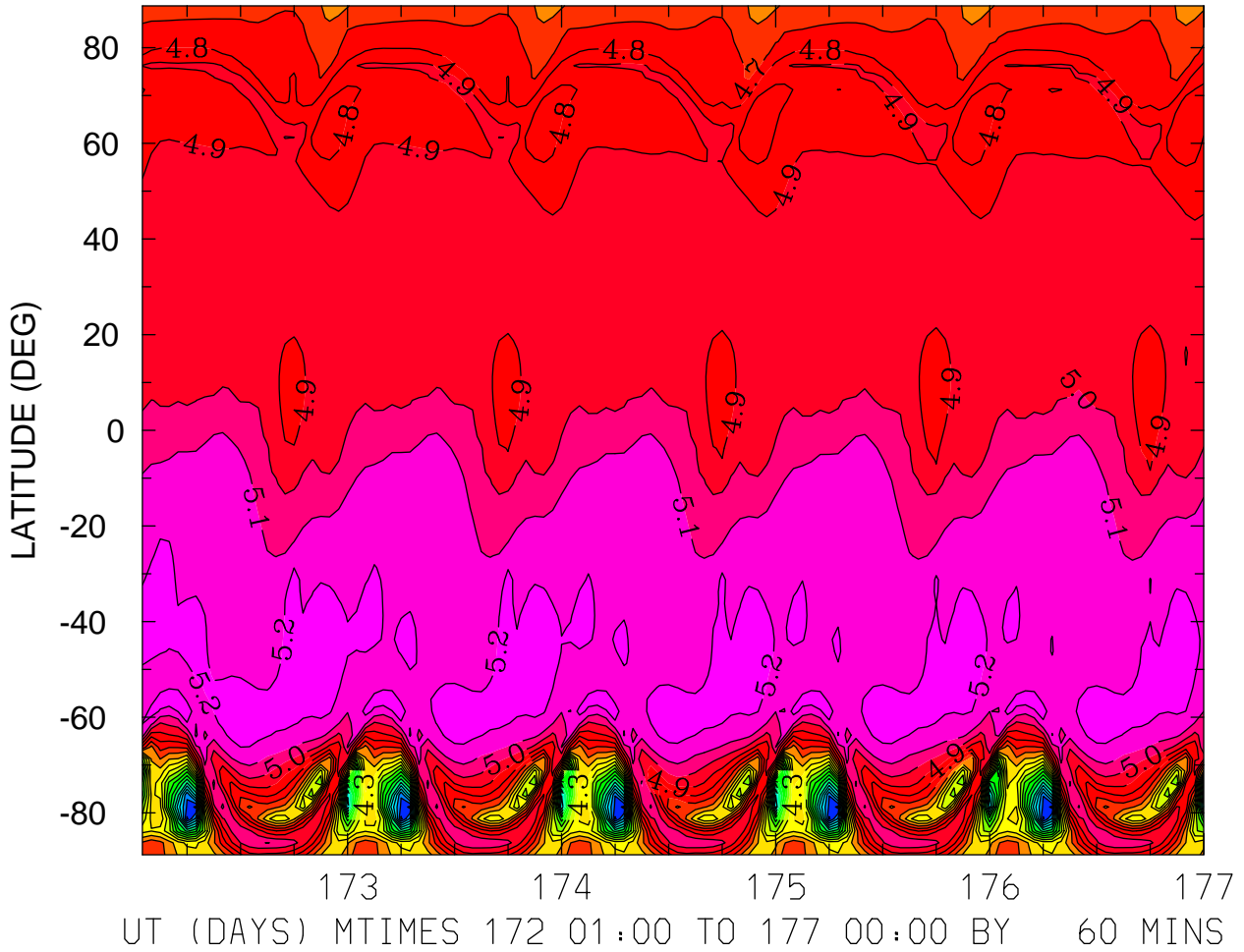
MIN,MAX= 4.5540E-01 2.7208E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



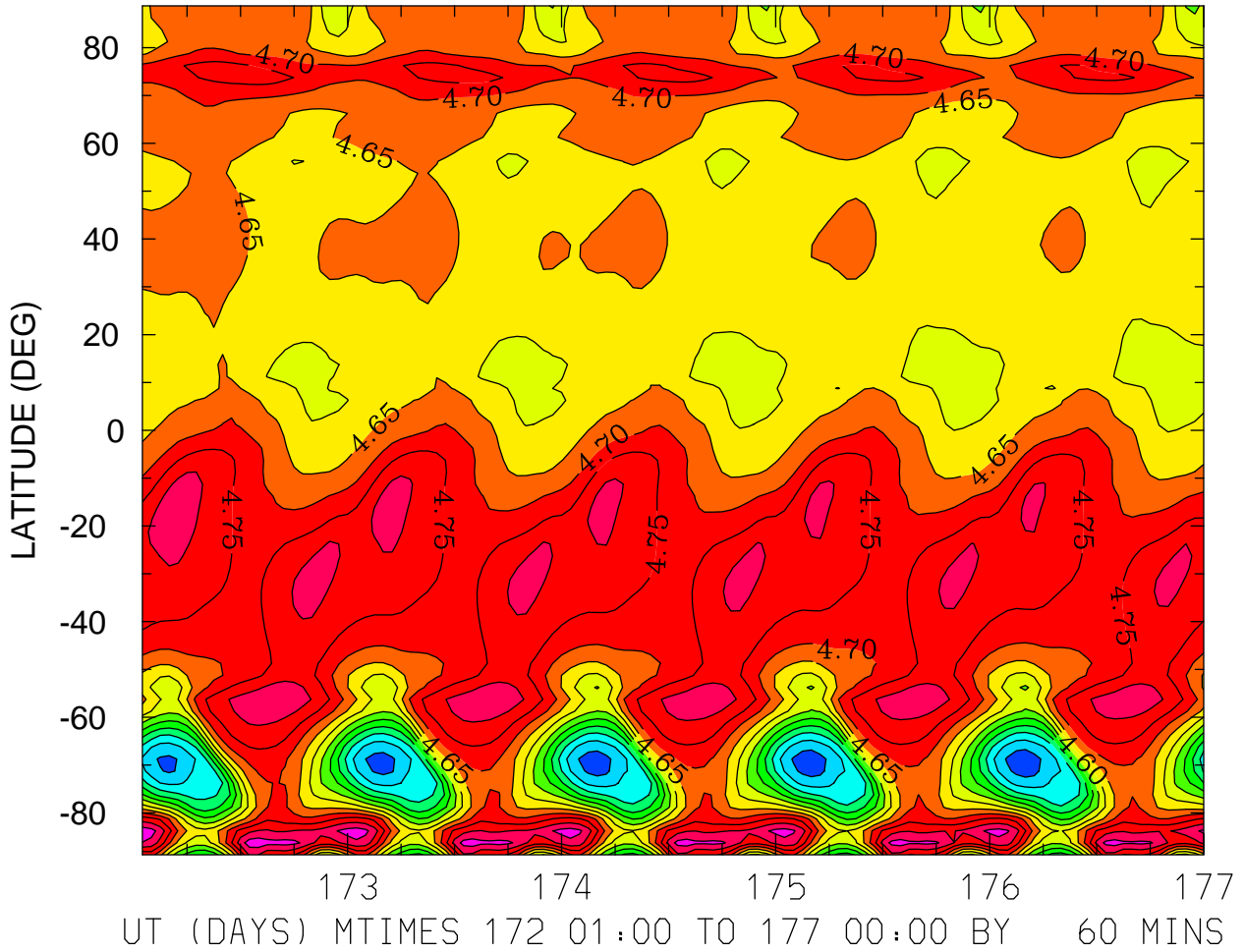
MIN,MAX= 8.6758E-01 5.1957E+00 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



MIN,MAX= 3.1651E+00 5.2769E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

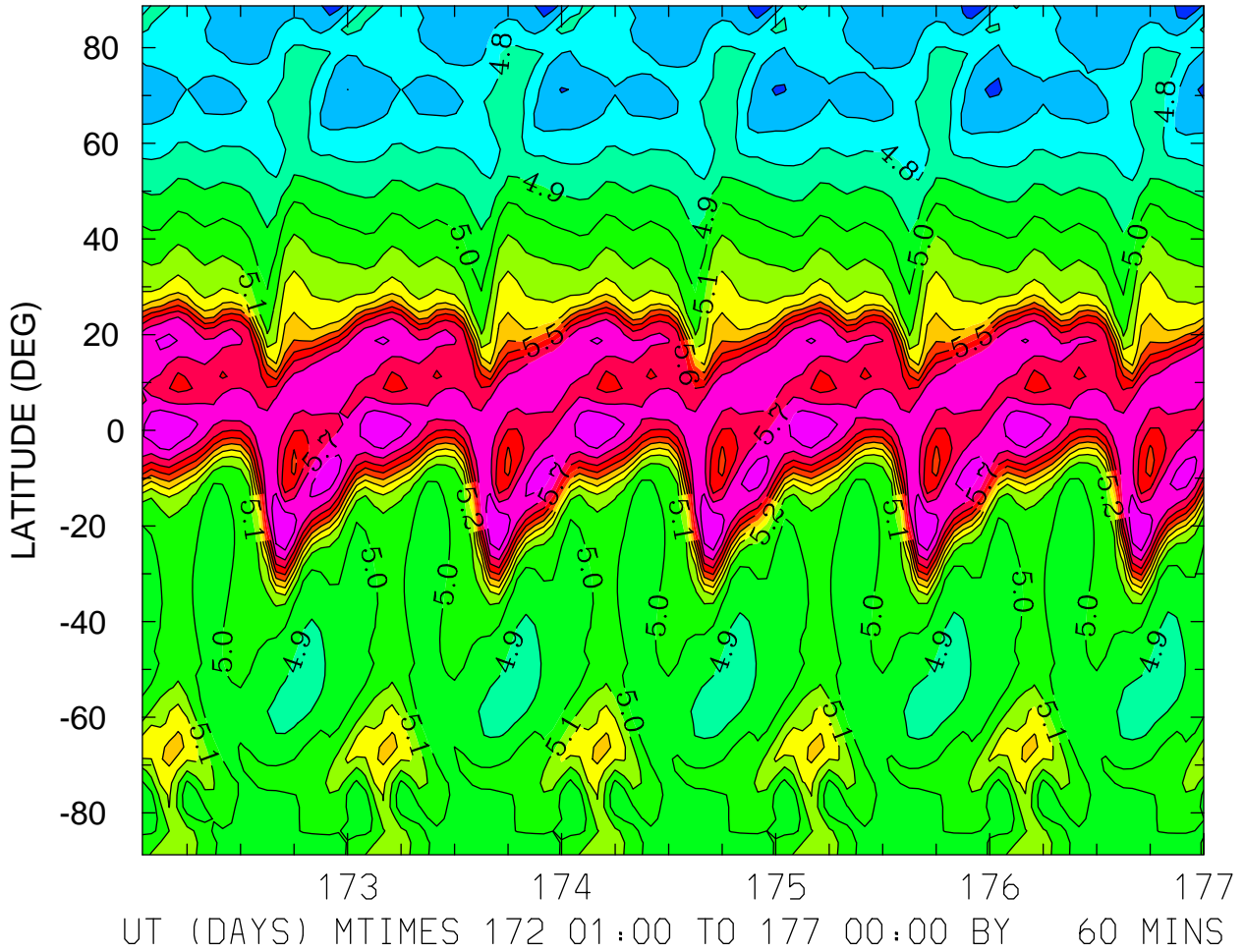
LOG10 O+ ION (CM3)  
ZP = -0.125 ZONAL MEANS



MIN,MAX= 4.2722E+00 4.8824E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

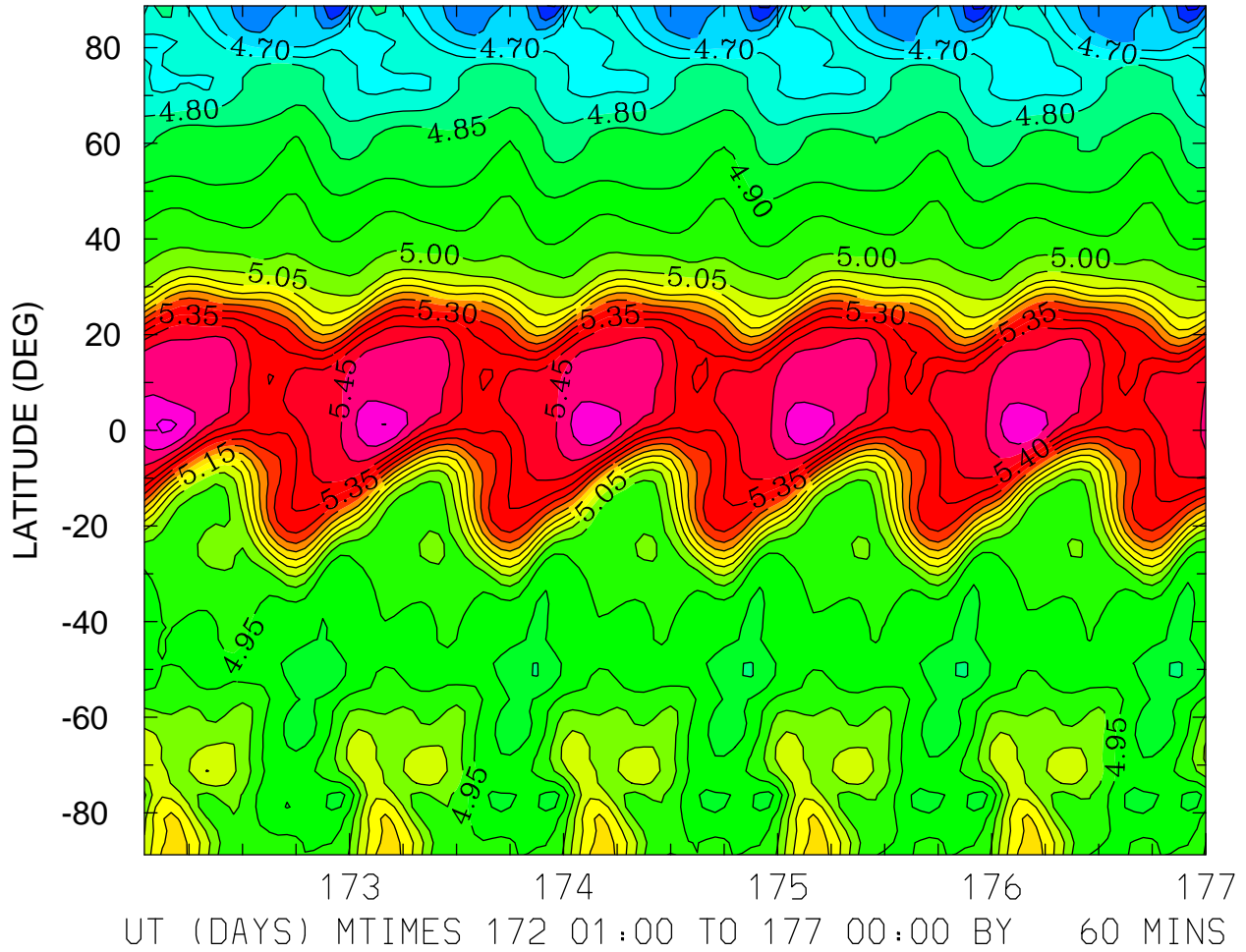


LOG10 O+ ION (CM3)  
ZP = 3.875 LOCAL TIME = 12.00



MIN,MAX= 4.5417E+00 5.8954E+00 INTERVAL= 1.0000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

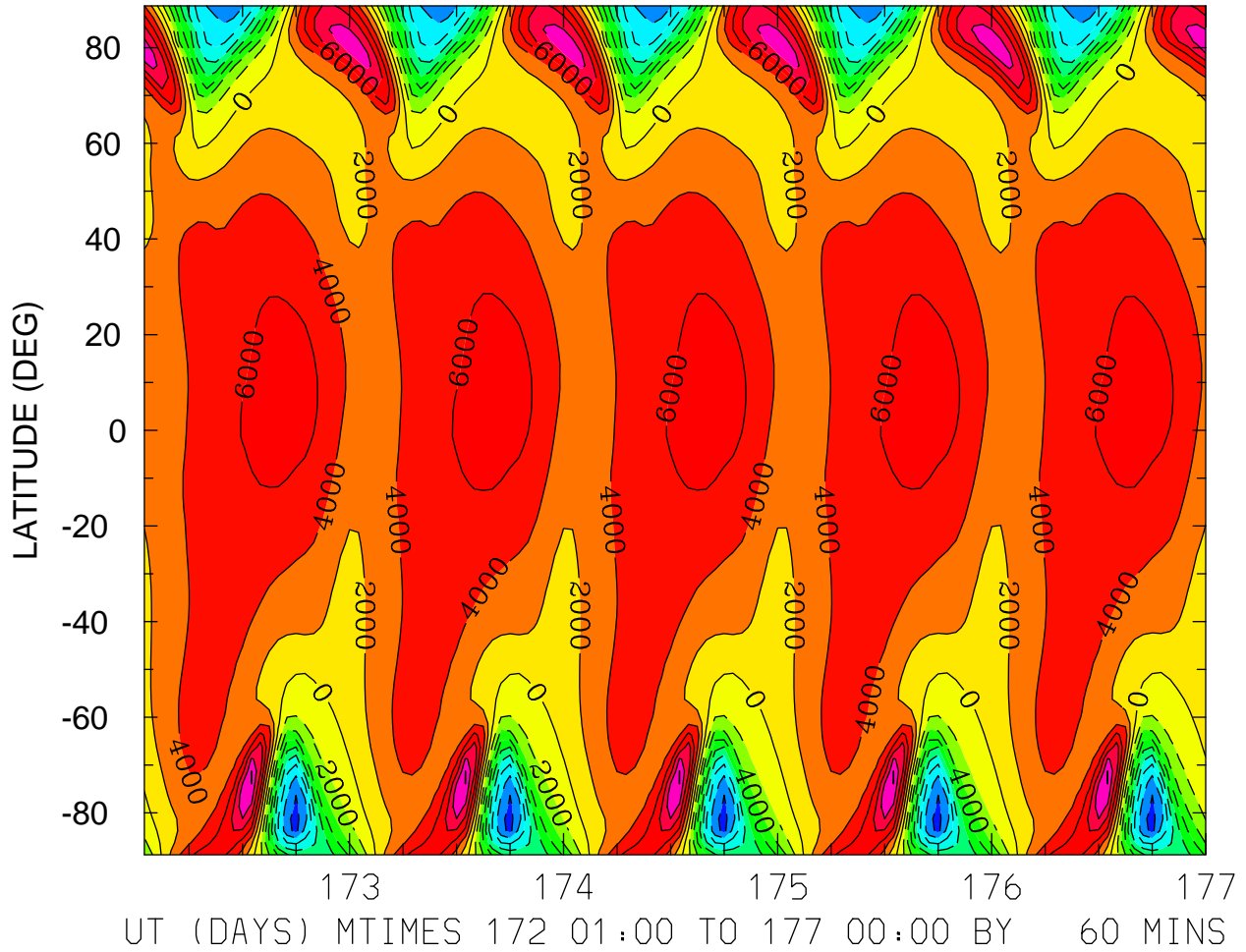
LOG10 O+ ION (CM3)  
ZP = 3.875 ZONAL MEANS



MIN,MAX= 4.5320E+00 5.5577E+00 INTERVAL= 5.0000E-02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

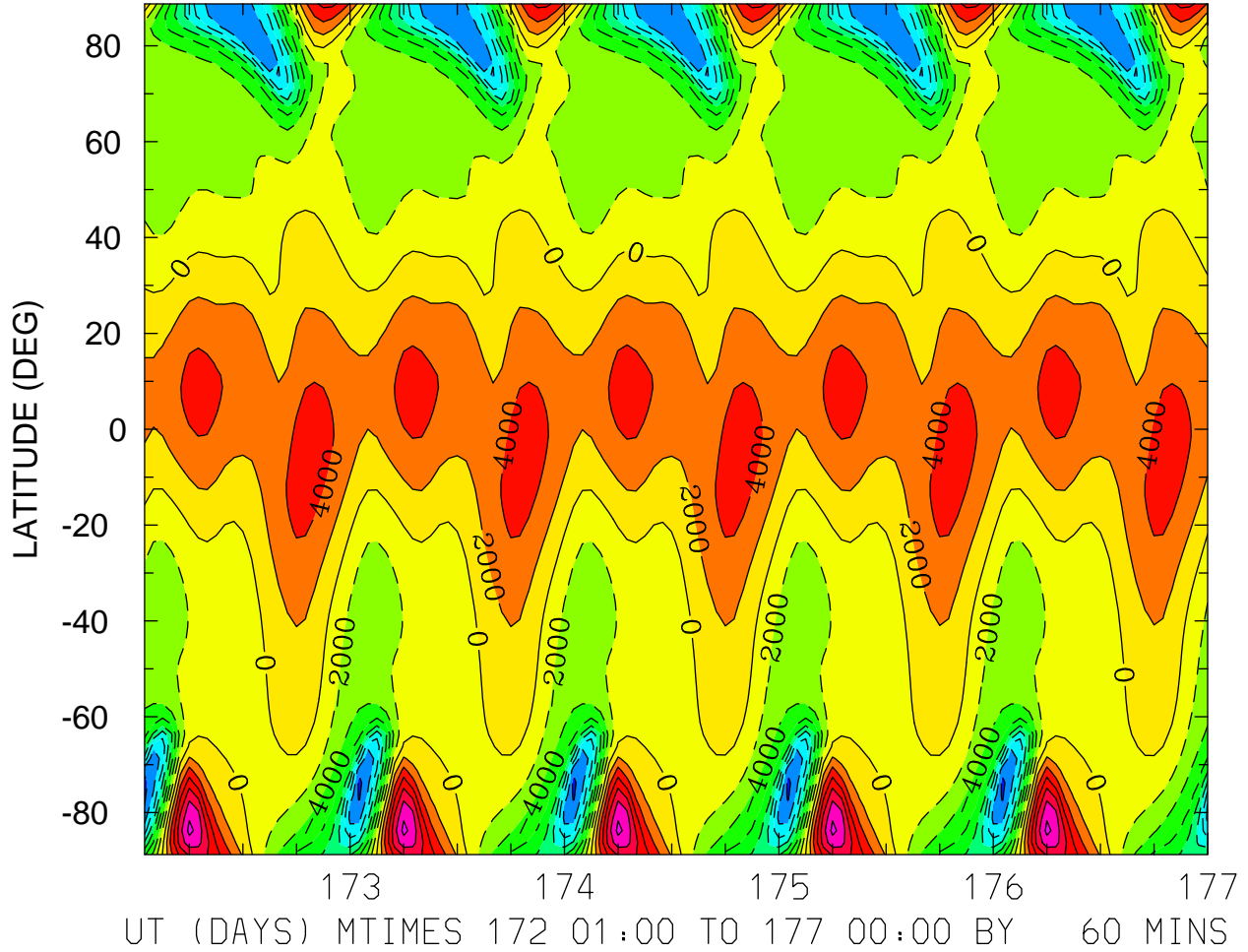


ELECTRIC POTENTIAL (VOLTS)  
ZP = -4.000 LOCAL TIME = 0.00



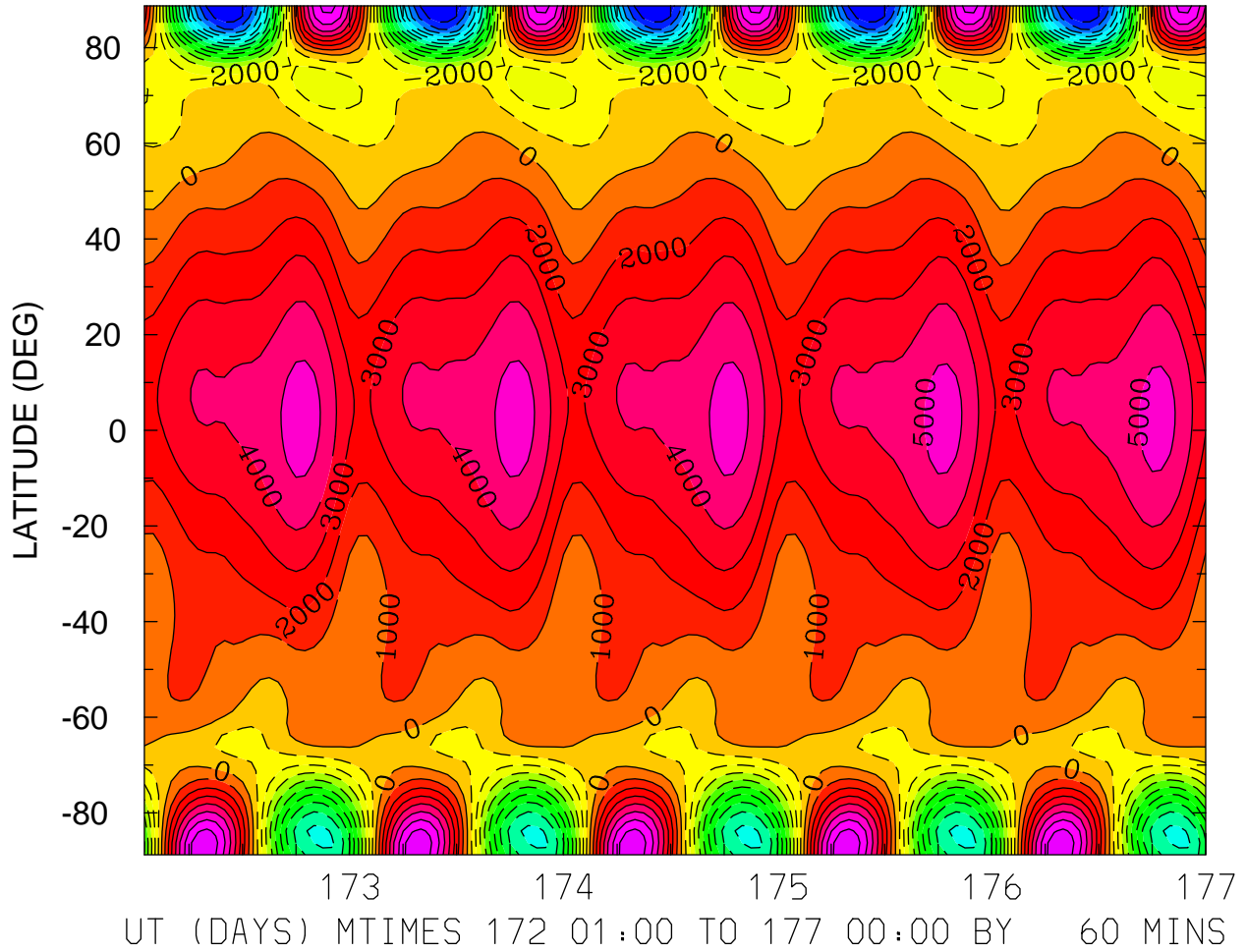
MIN,MAX= -1.6627E+04 1.2072E+04 INTERVAL= 2.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



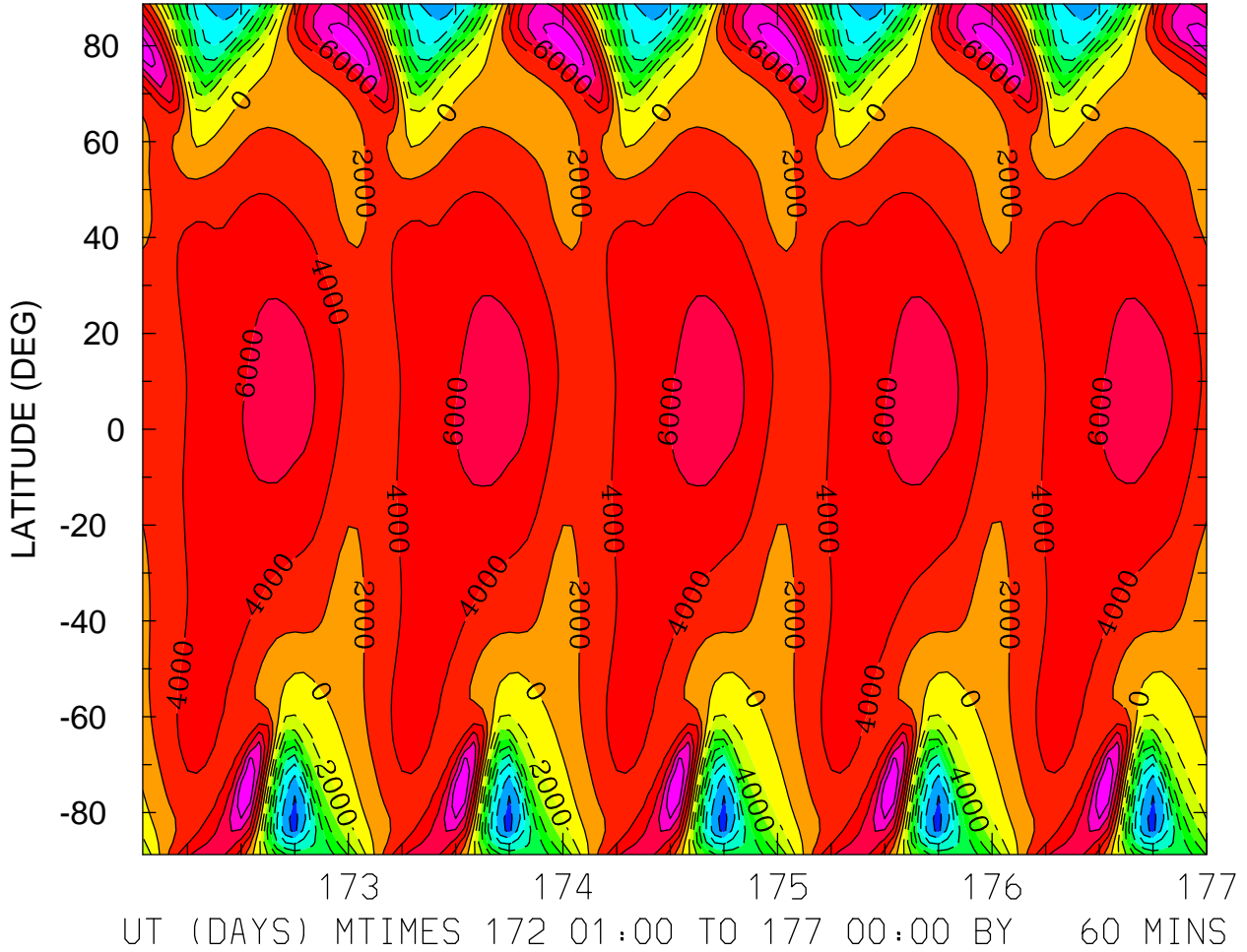
MIN,MAX= -1.6611E+04 1.2601E+04 INTERVAL= 2.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
ZP = -4.000 ZONAL MEANS



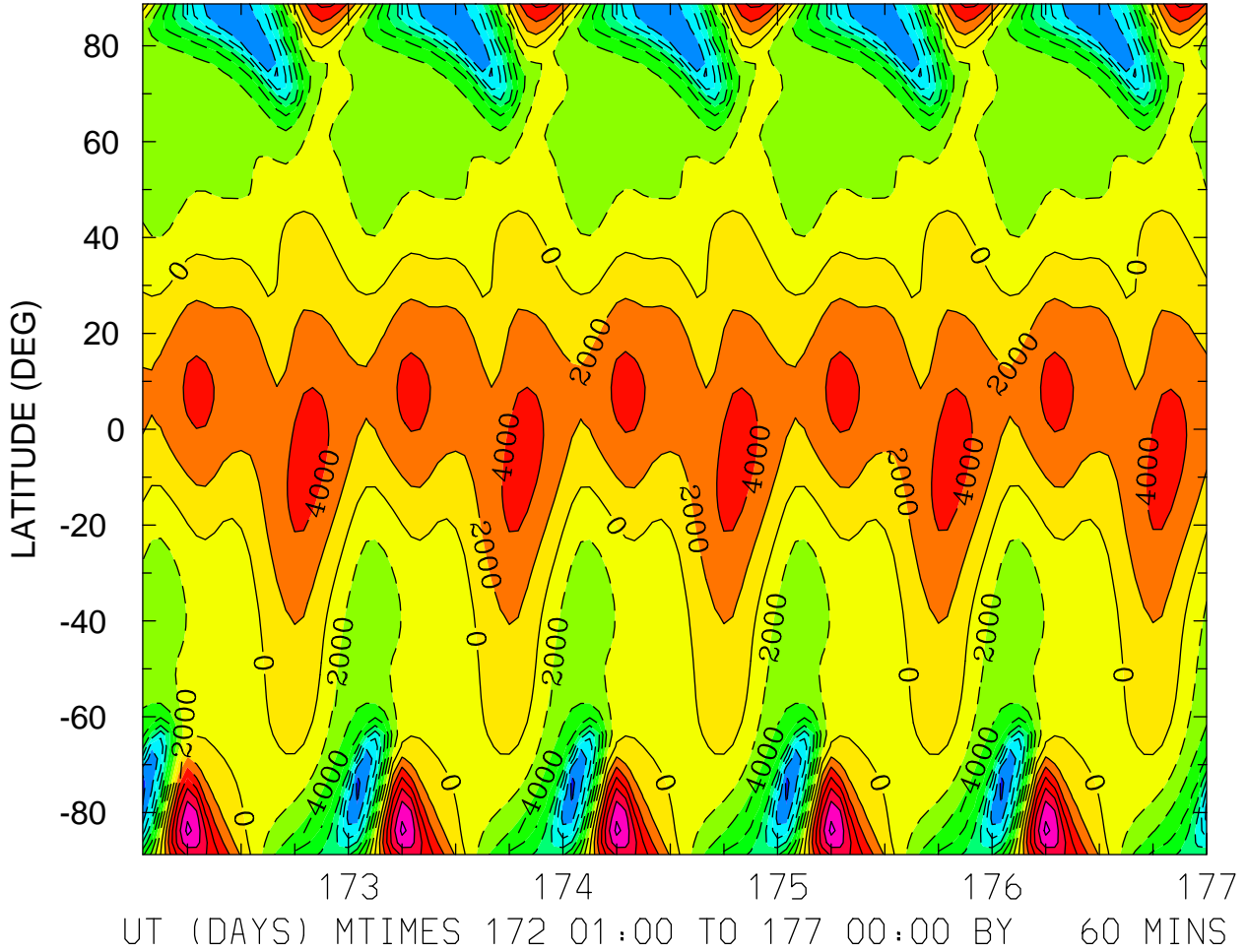
MIN,MAX= -1.4938E+04 7.8098E+03 INTERVAL= 1.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



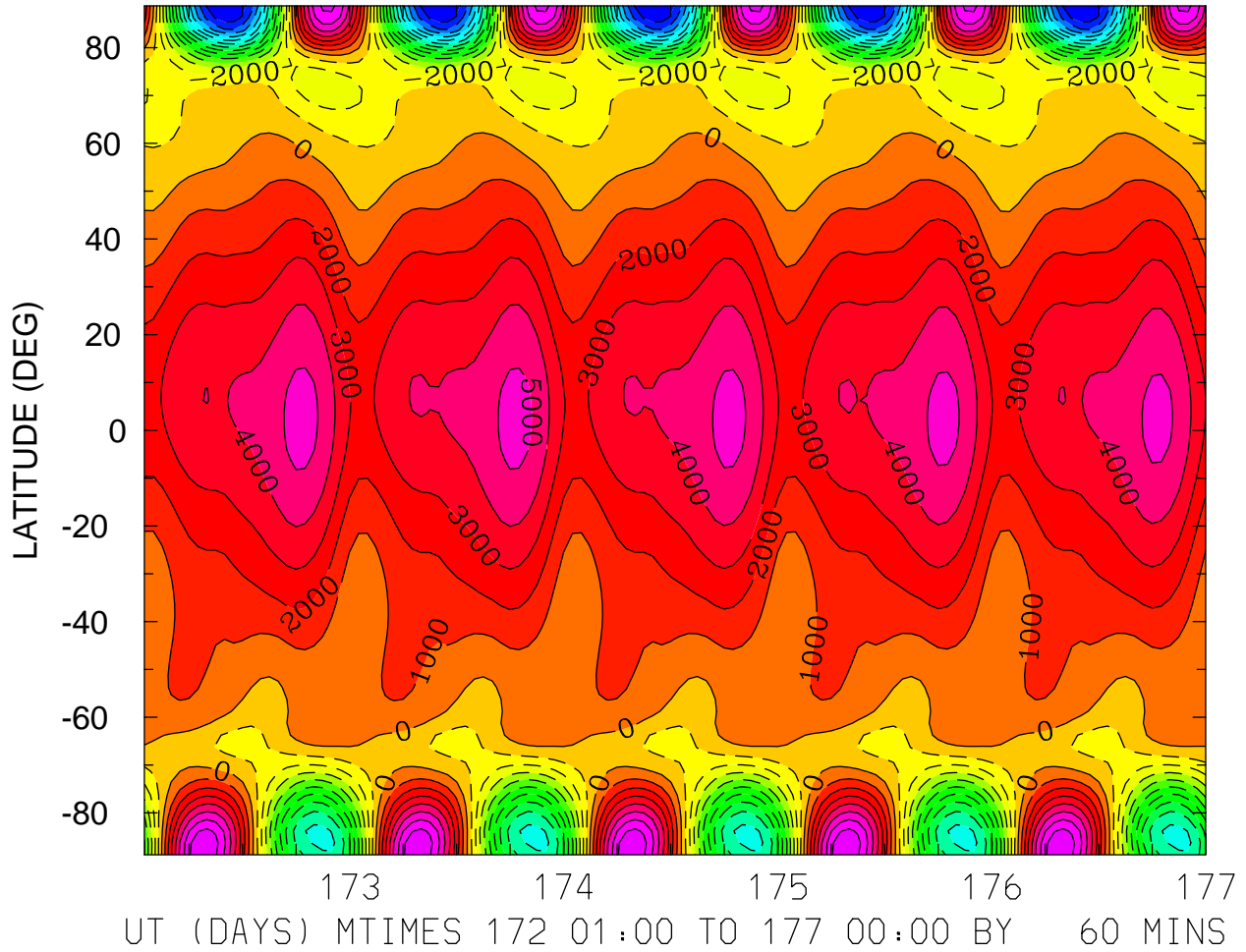
MIN,MAX= -1.6622E+04 1.2019E+04 INTERVAL= 2.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



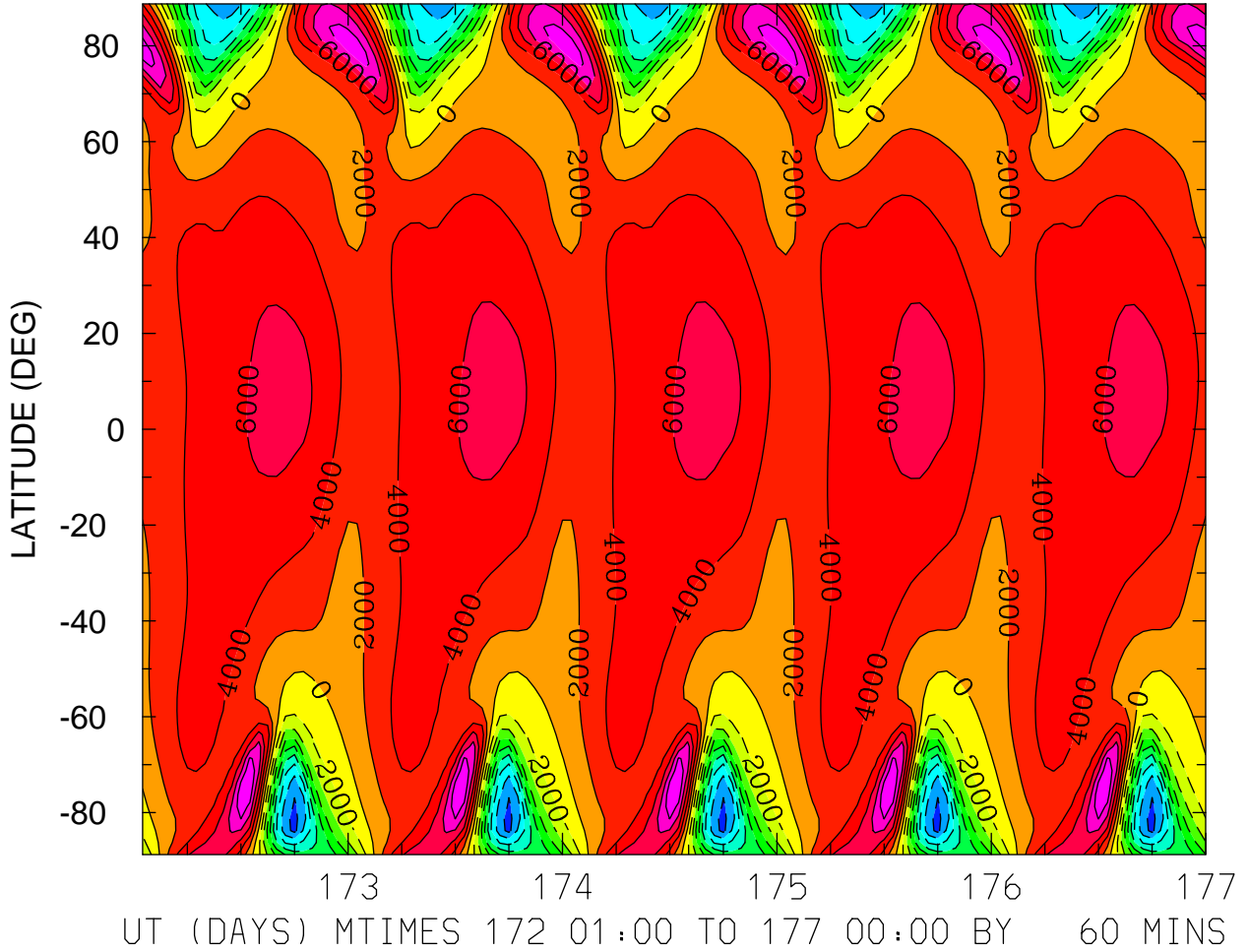
MIN,MAX= -1.6595E+04 1.2557E+04 INTERVAL= 2.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

ELECTRIC POTENTIAL (VOLTS)  
ZP = 0.000 ZONAL MEANS



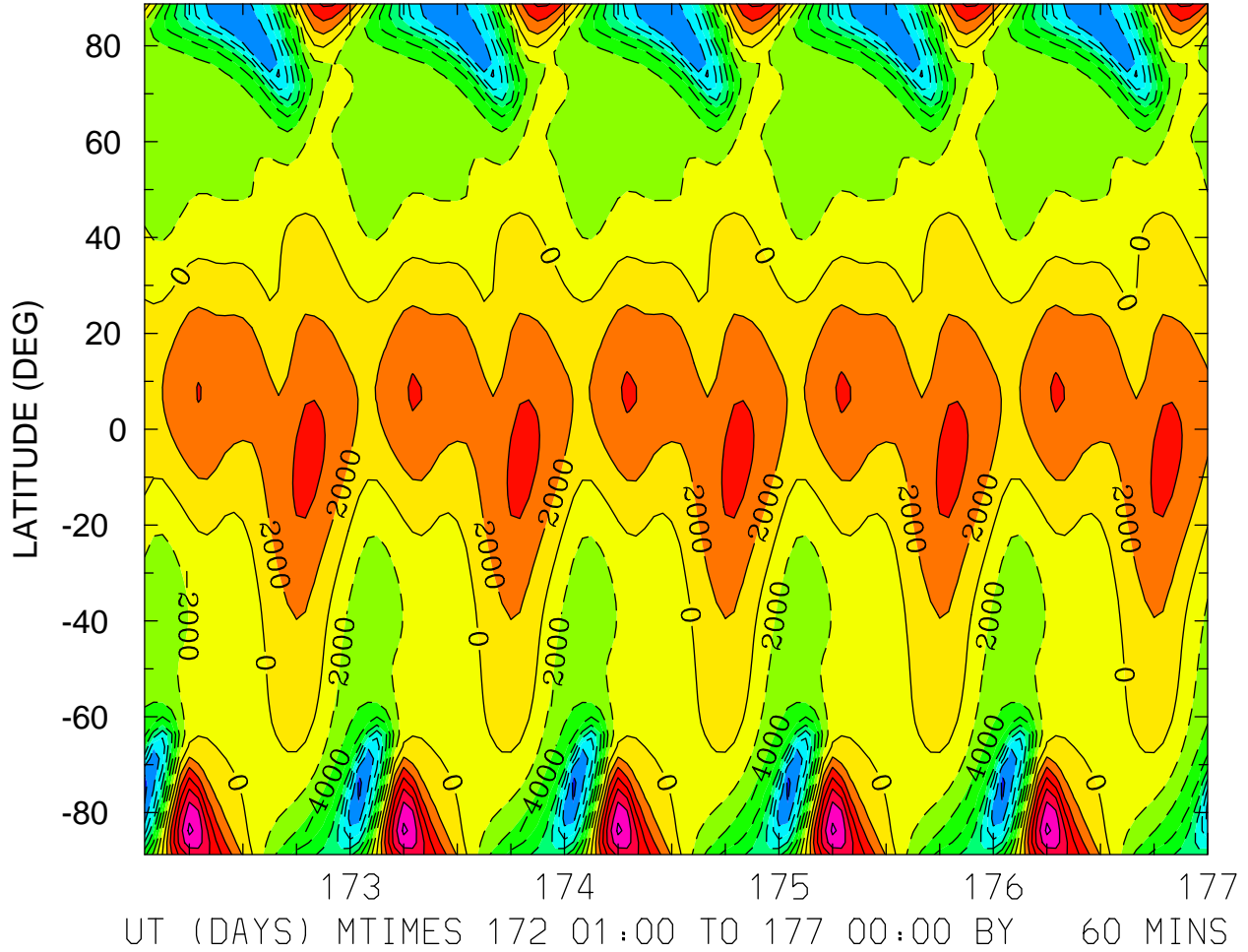
MIN,MAX= -1.4908E+04 7.8683E+03 INTERVAL= 1.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



MIN,MAX= -1.6613E+04 1.1935E+04 INTERVAL= 2.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

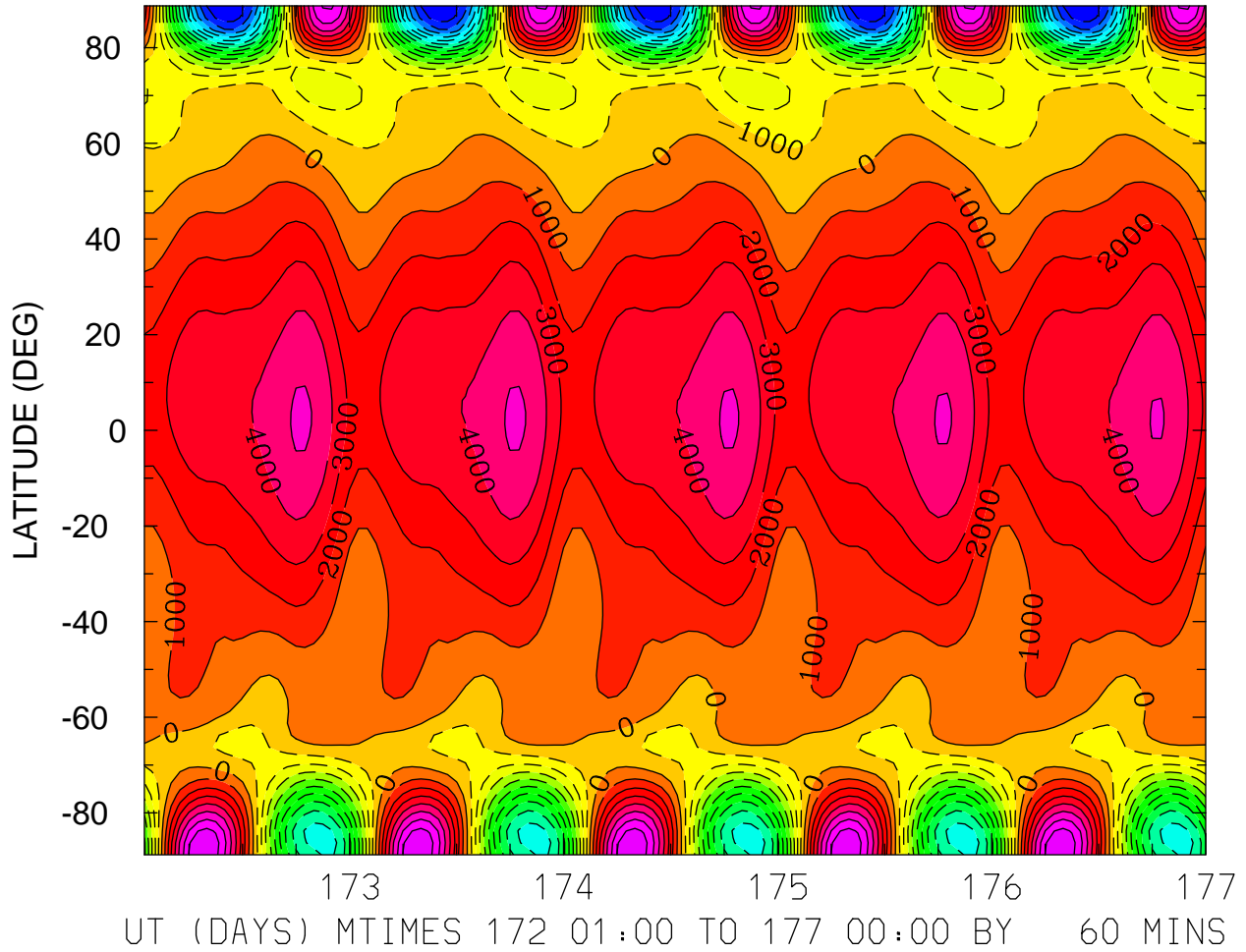
ELECTRIC POTENTIAL (VOLTS)  
ZP = 4.000 LOCAL TIME = 12.00



MIN,MAX= -1.6562E+04 1.2467E+04 INTERVAL= 2.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

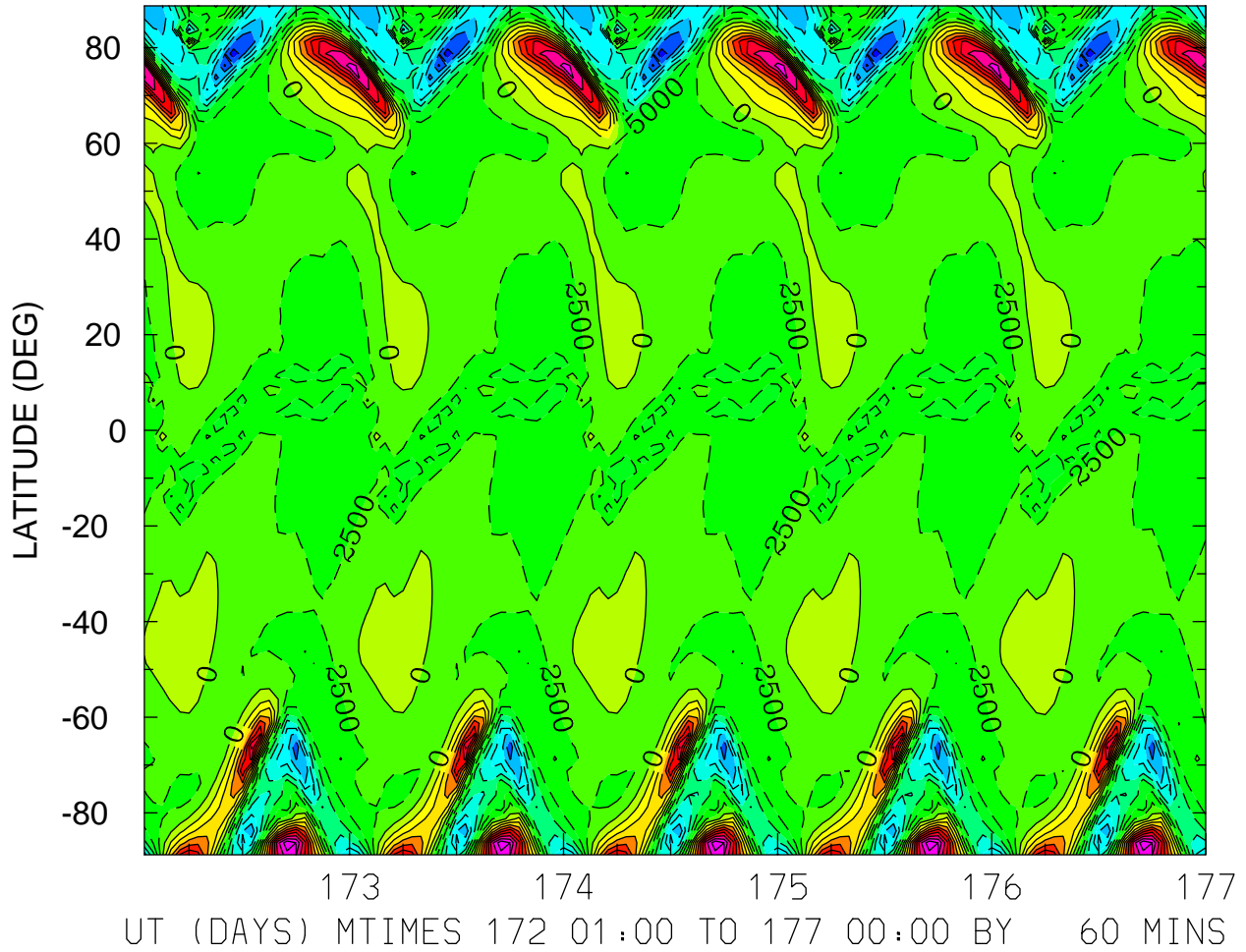


ELECTRIC POTENTIAL (VOLTS)  
ZP = 4.000 ZONAL MEANS



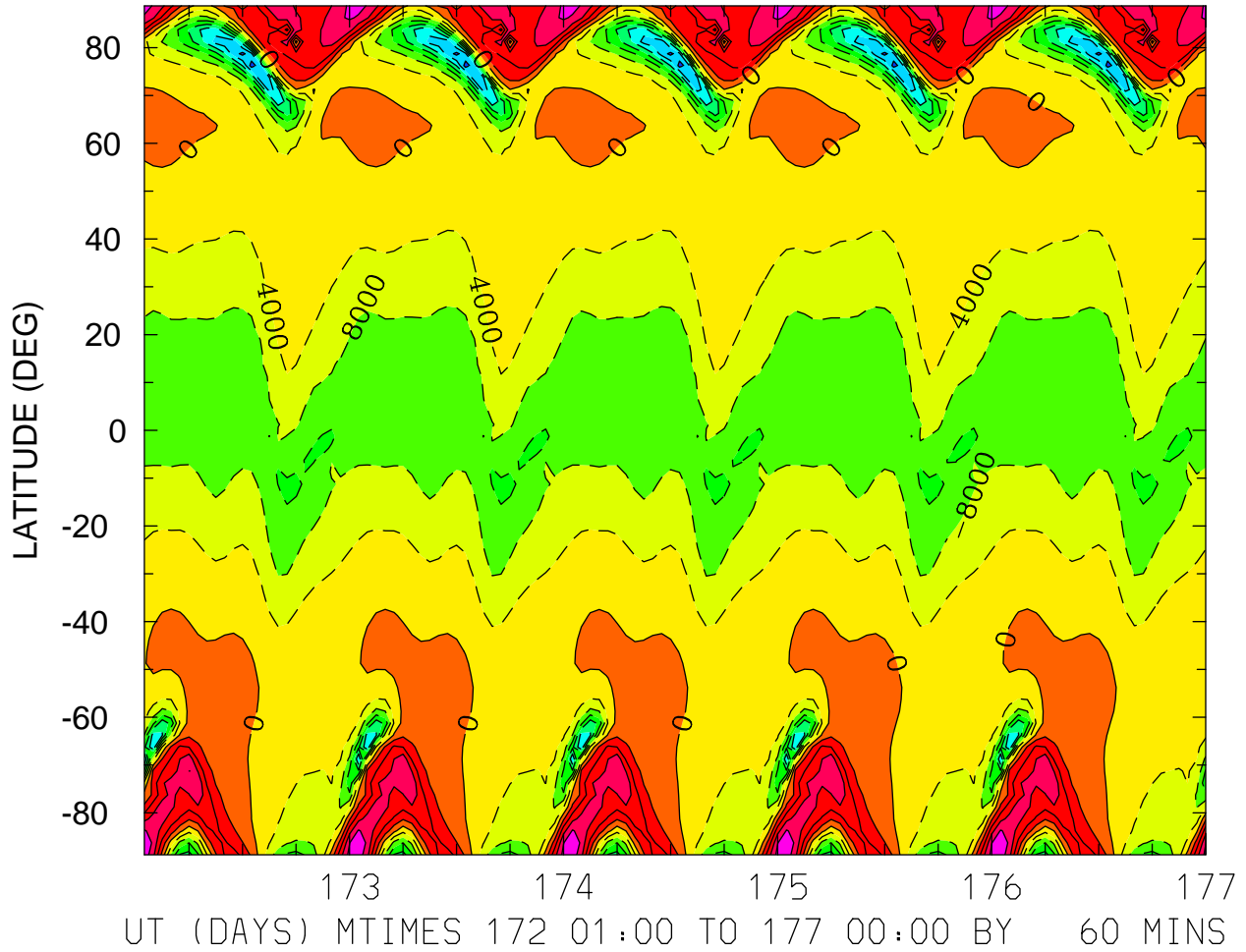
MIN,MAX= -1.4849E+04 7.9868E+03 INTERVAL= 1.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



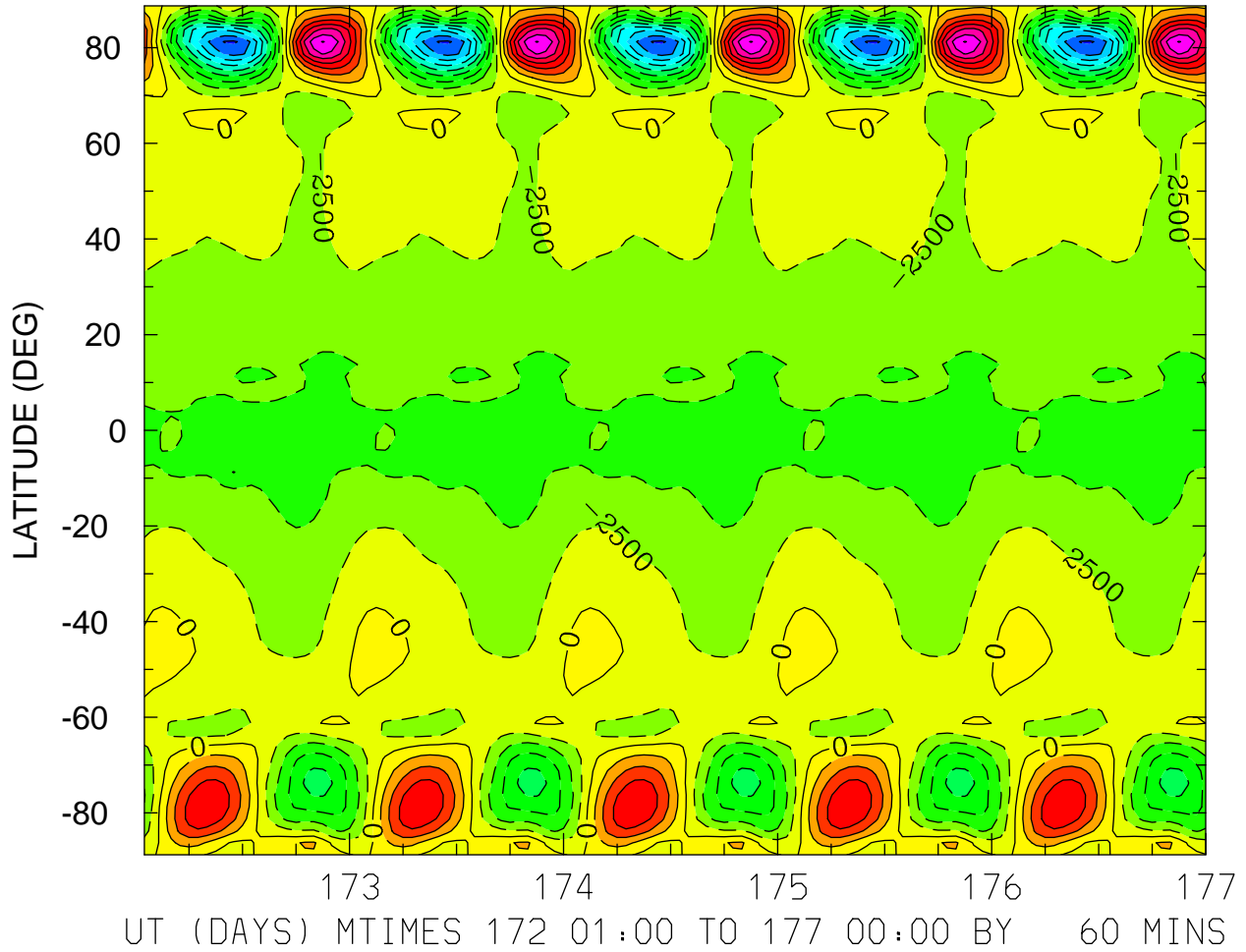
MIN,MAX= -2.1933E+04 2.4466E+04 INTERVAL= 2.5000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



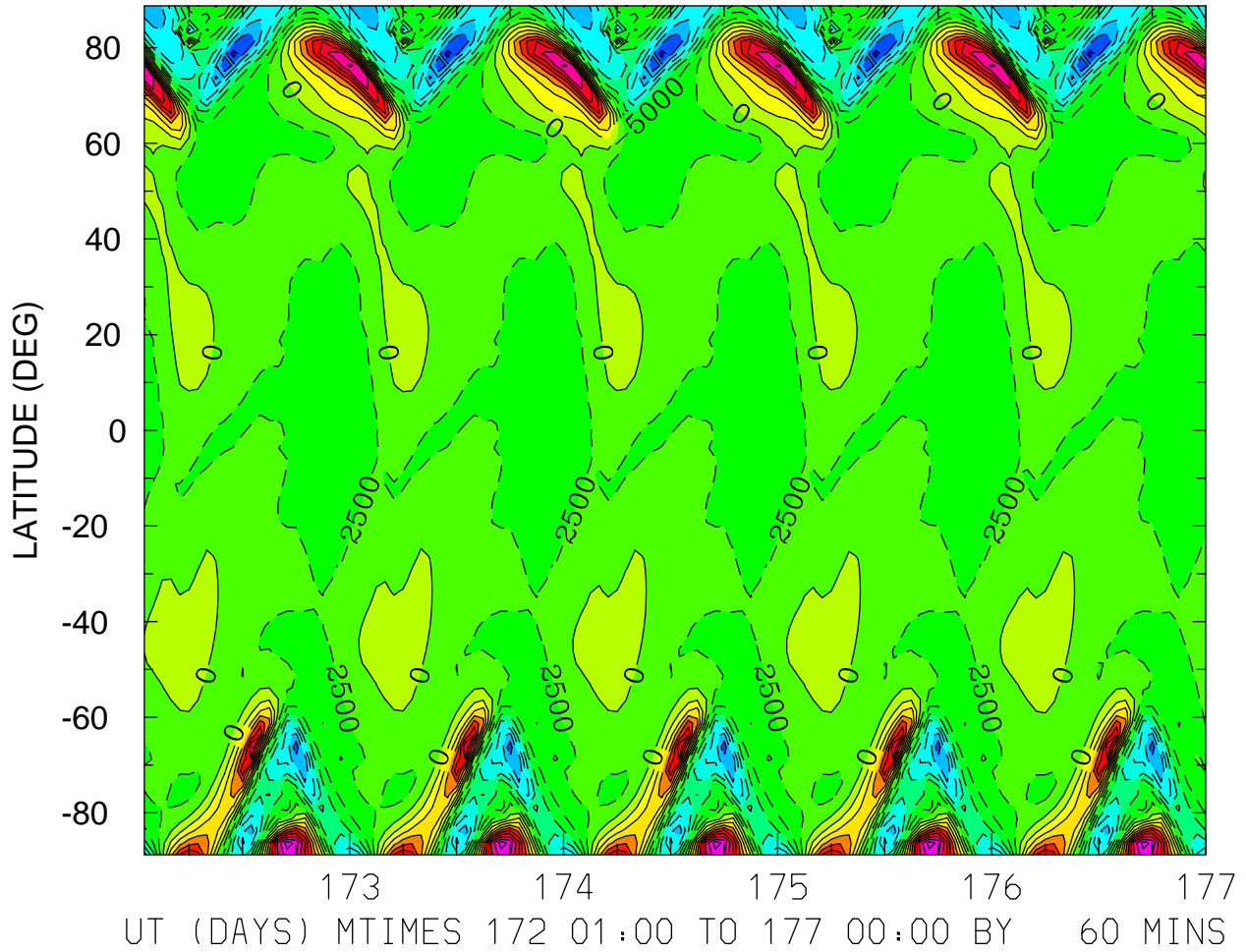
MIN,MAX= -2.9885E+04 1.9597E+04 INTERVAL= 4.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



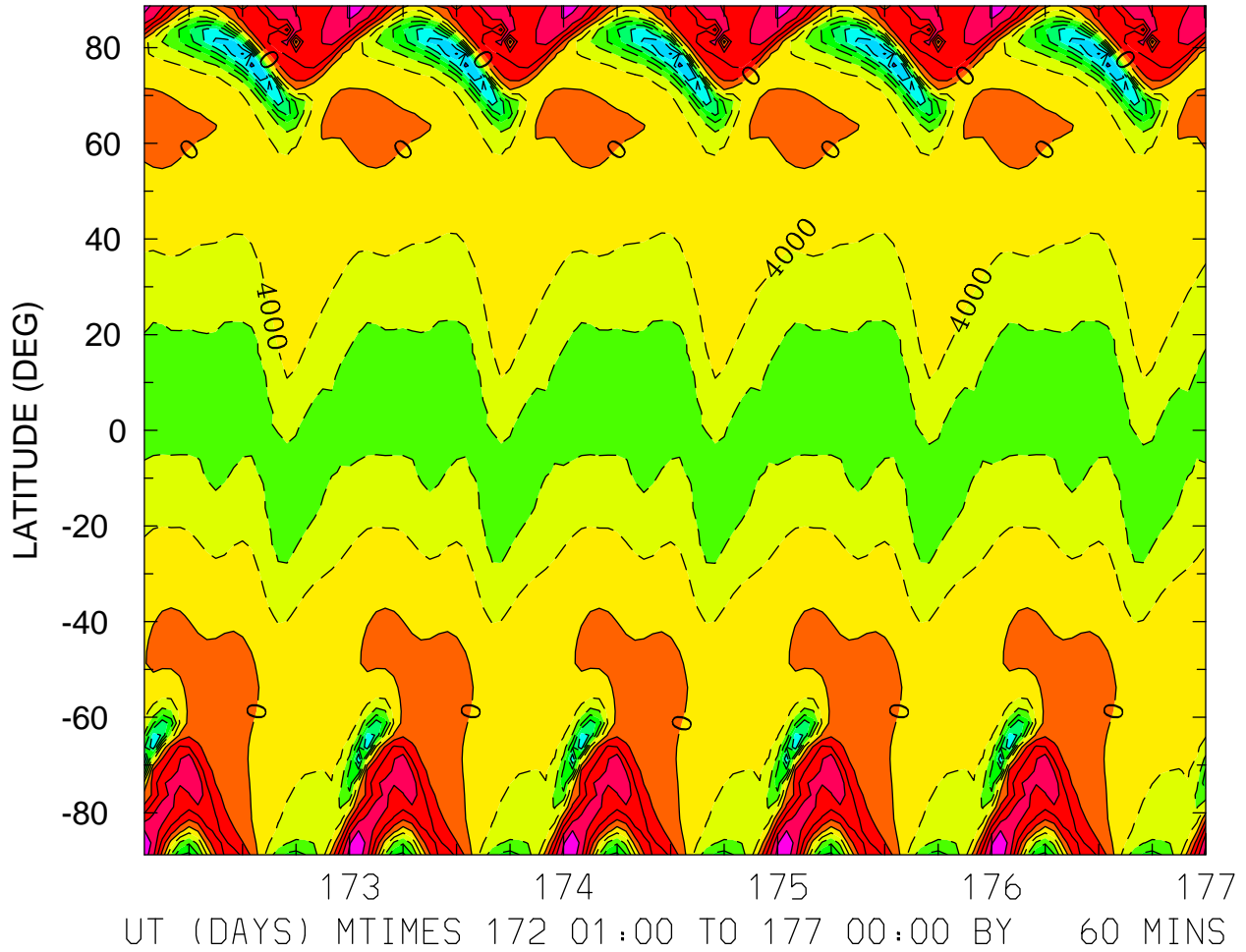
MIN,MAX= -2.2907E+04 1.7636E+04 INTERVAL= 2.5000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



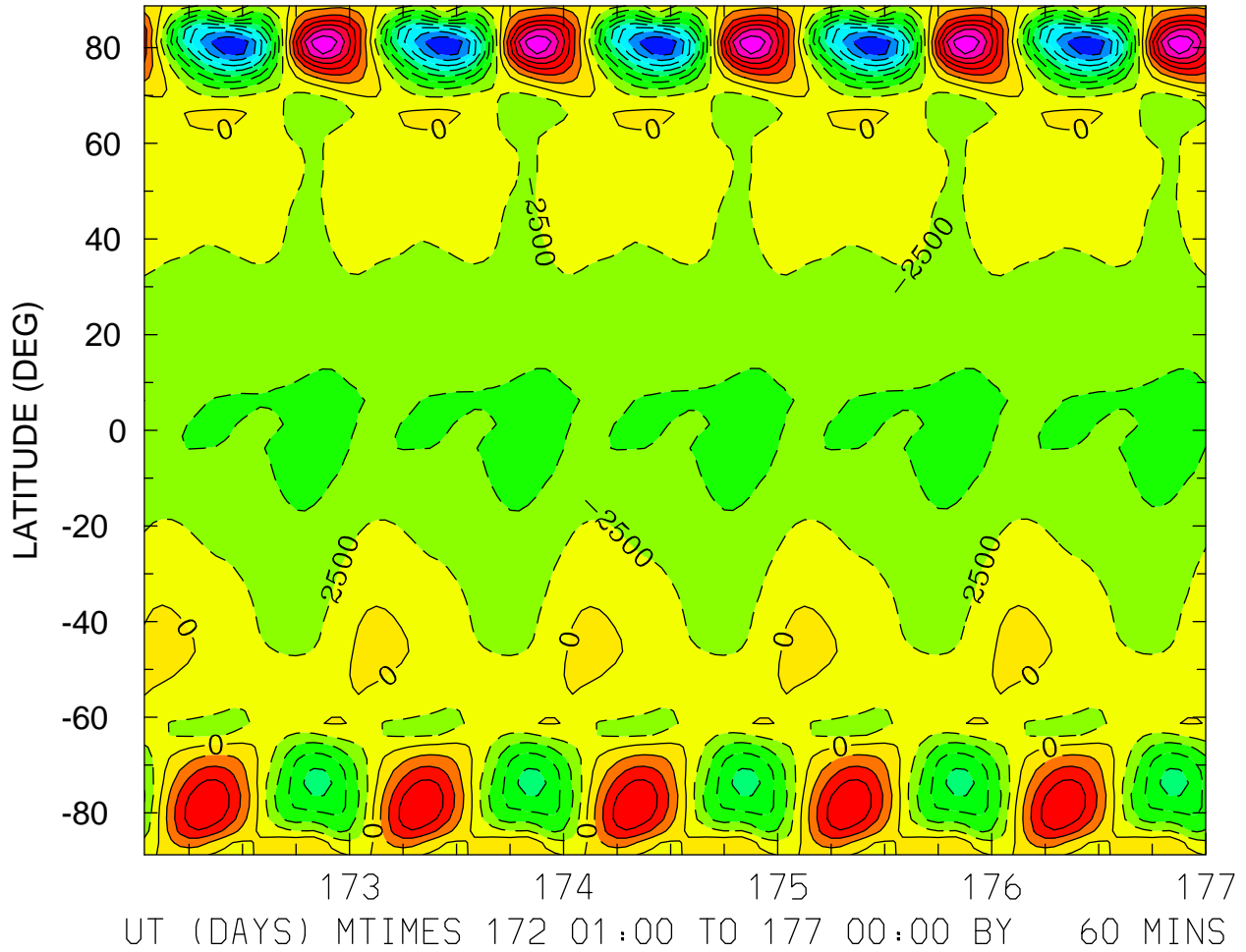
MIN,MAX= -2.1383E+04 2.3704E+04 INTERVAL= 2.5000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



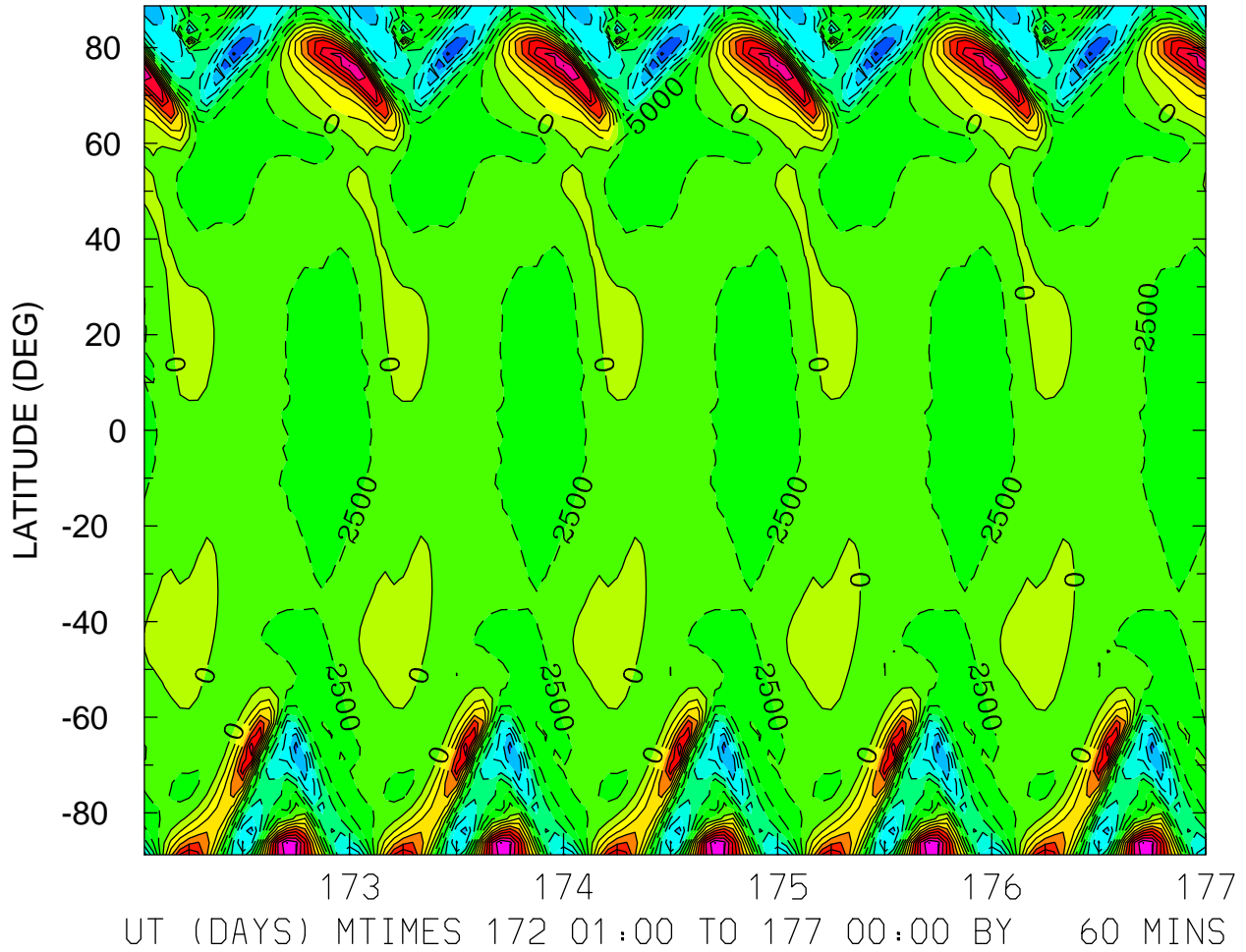
MIN,MAX= -2.9342E+04 1.9197E+04 INTERVAL= 4.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



MIN,MAX= -2.2402E+04 1.7170E+04 INTERVAL= 2.5000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

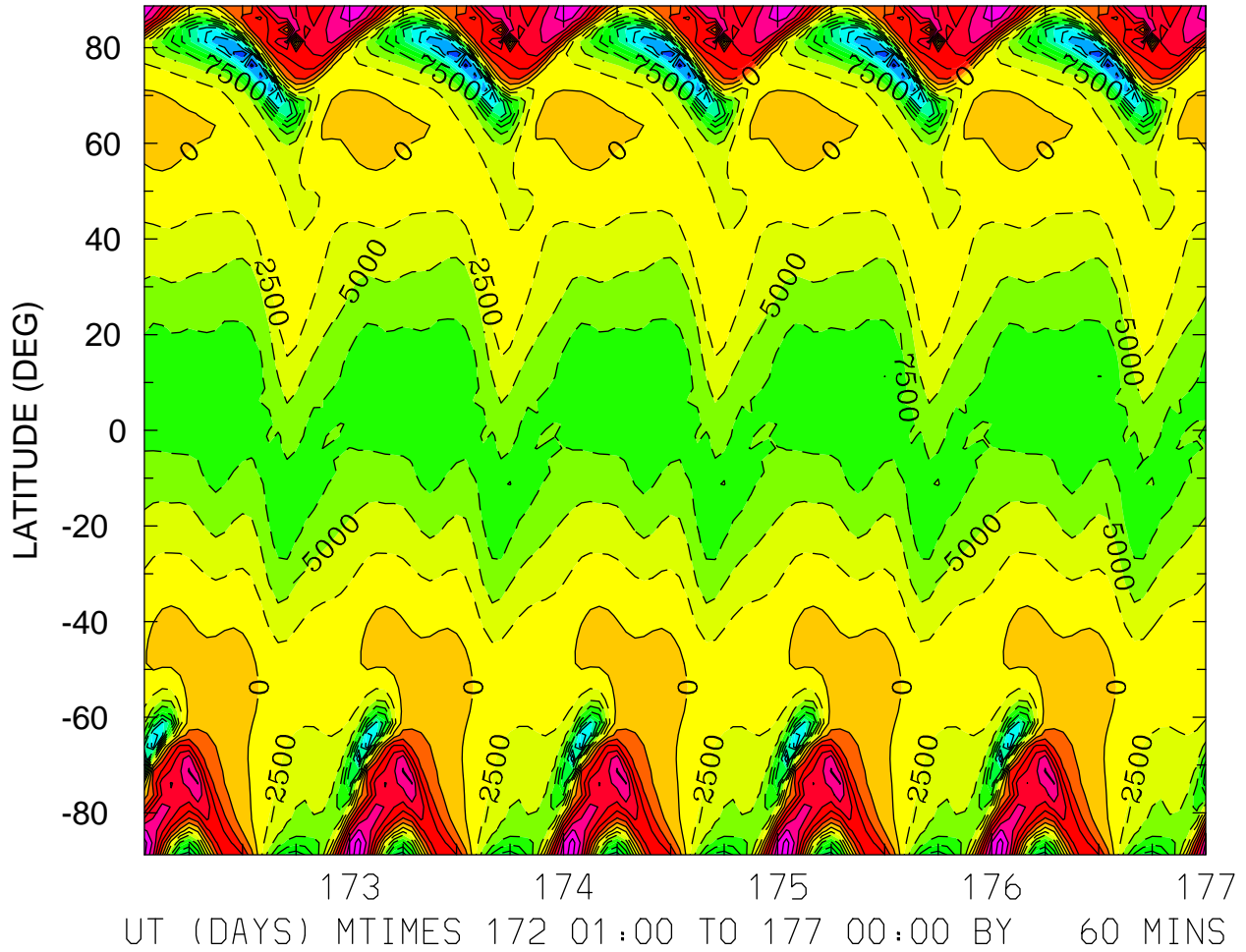
UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
ZP = 4.000 LOCAL TIME = 0.00



MIN,MAX= -2.0542E+04 2.2543E+04 INTERVAL= 2.5000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

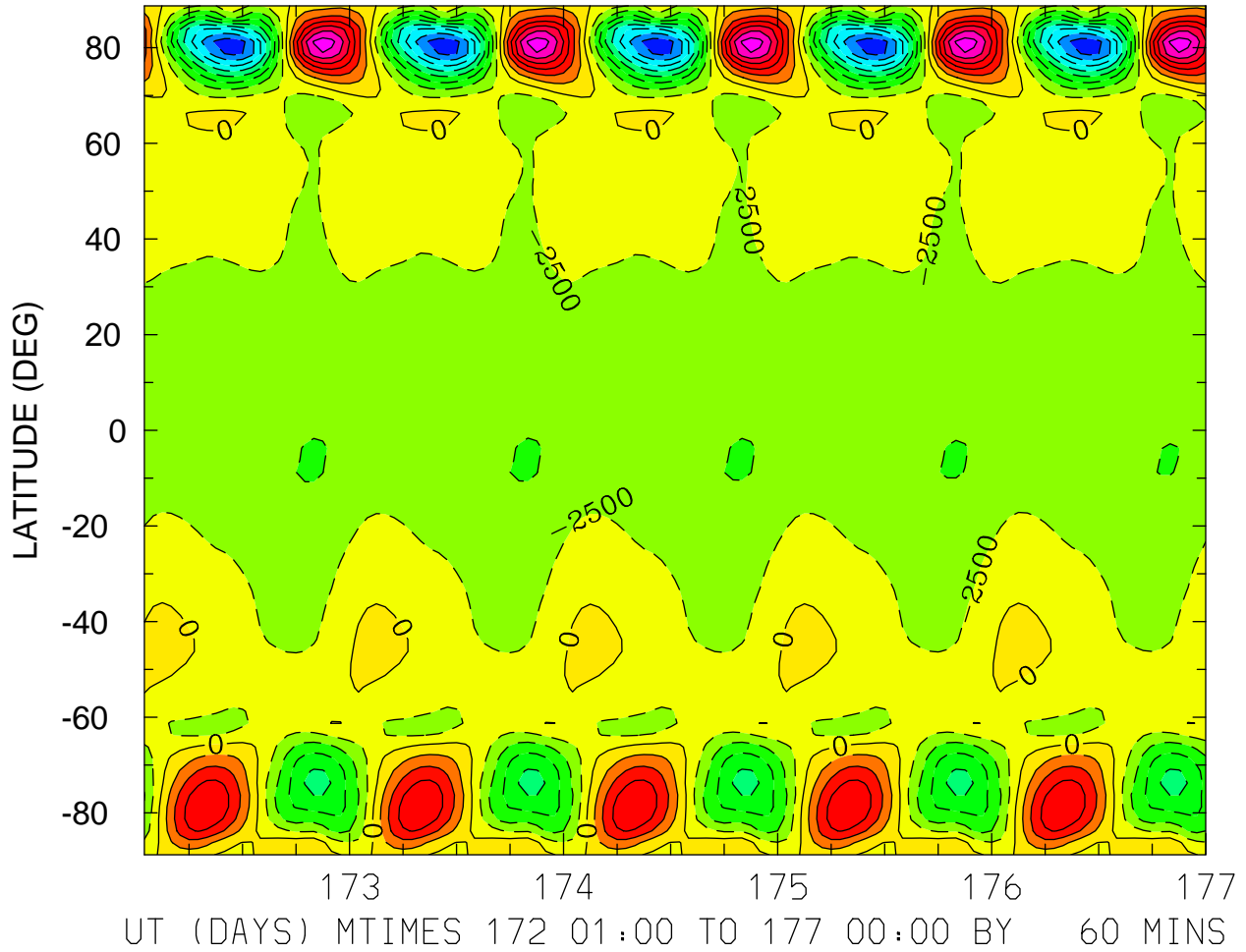


UI\_ExB: UI: Zonal ExB Velocity (cm/s)  
ZP = 4.000 LOCAL TIME = 12.00



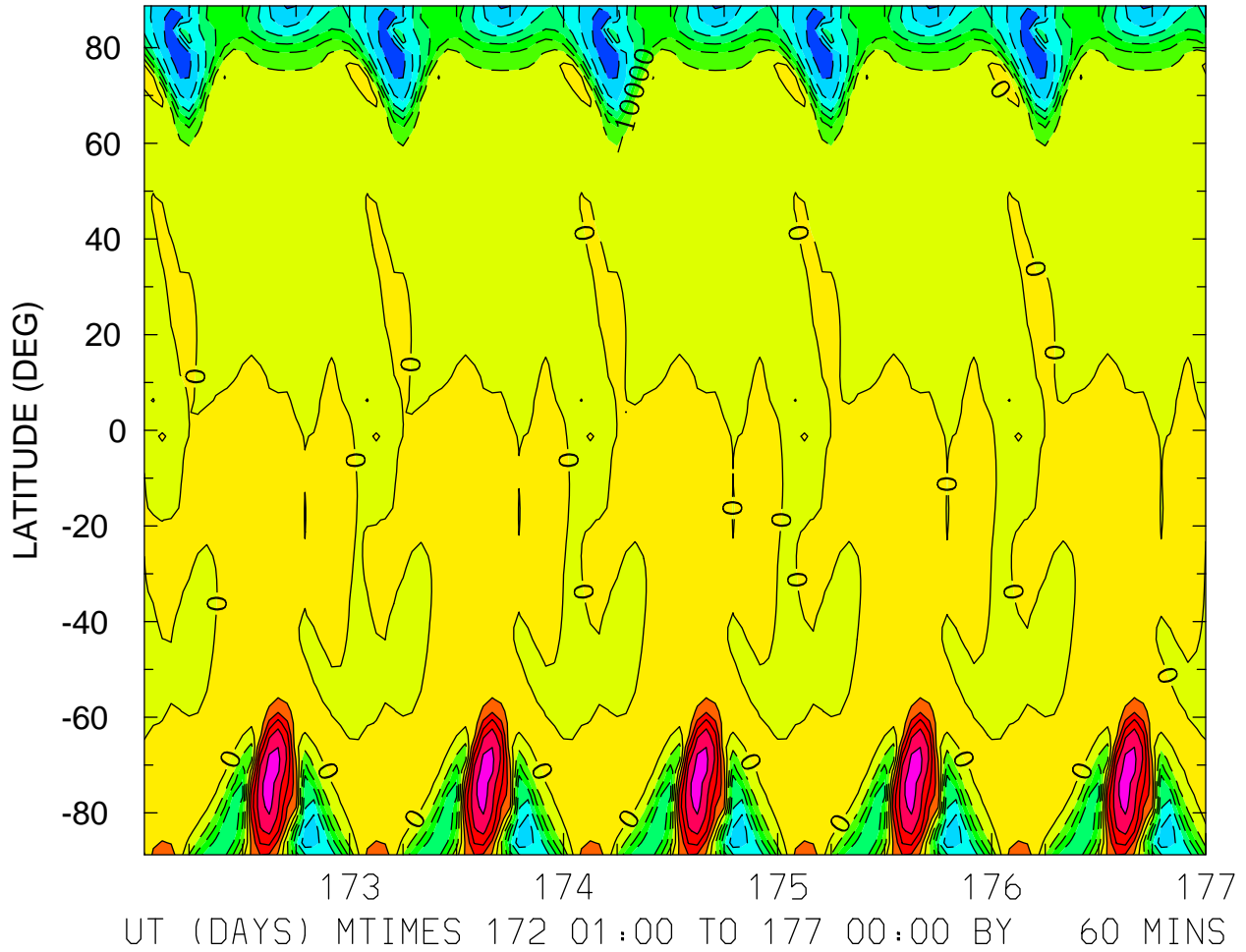
MIN,MAX= -2.8504E+04 1.8573E+04 INTERVAL= 2.5000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



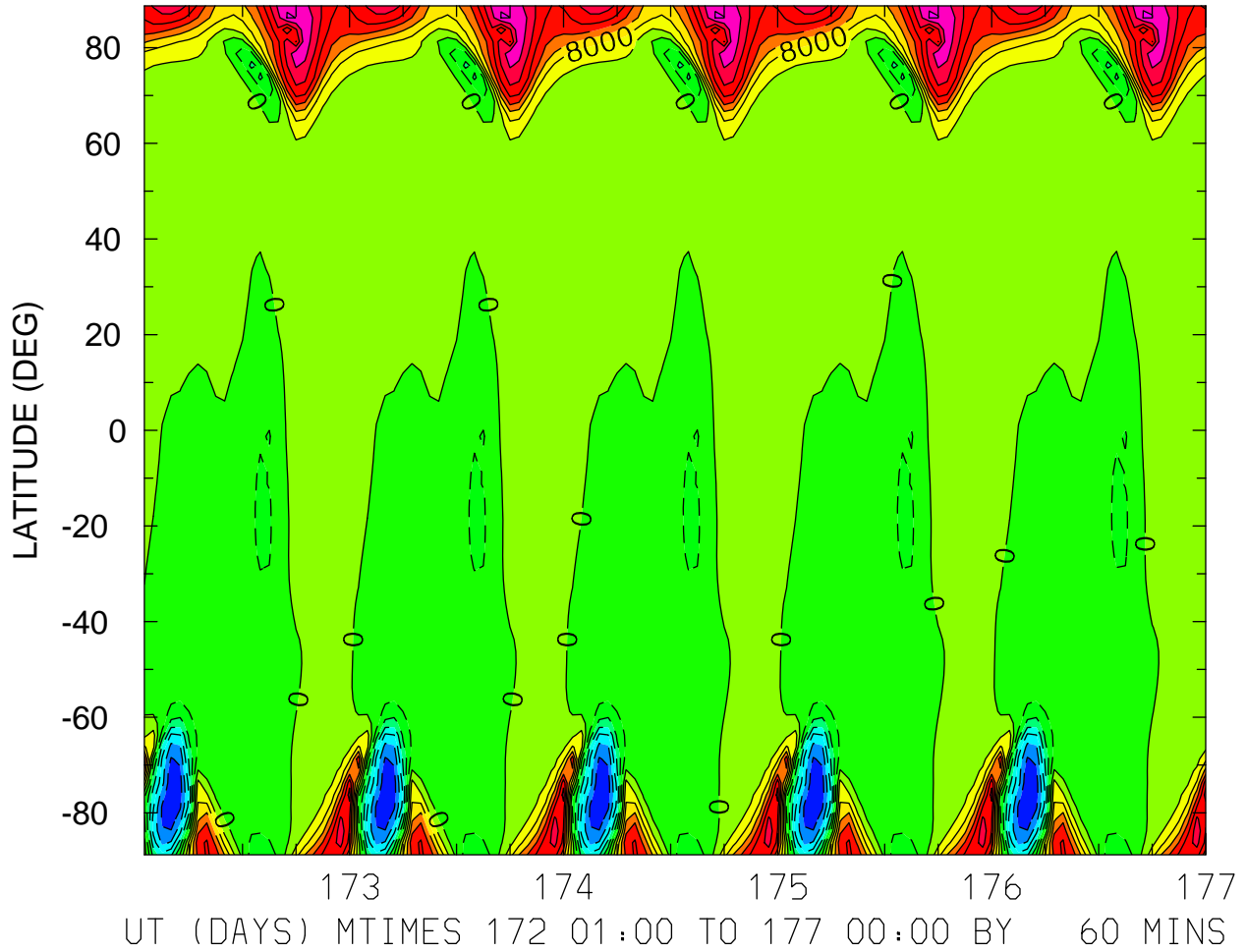
MIN,MAX= -2.1624E+04 1.6451E+04 INTERVAL= 2.5000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



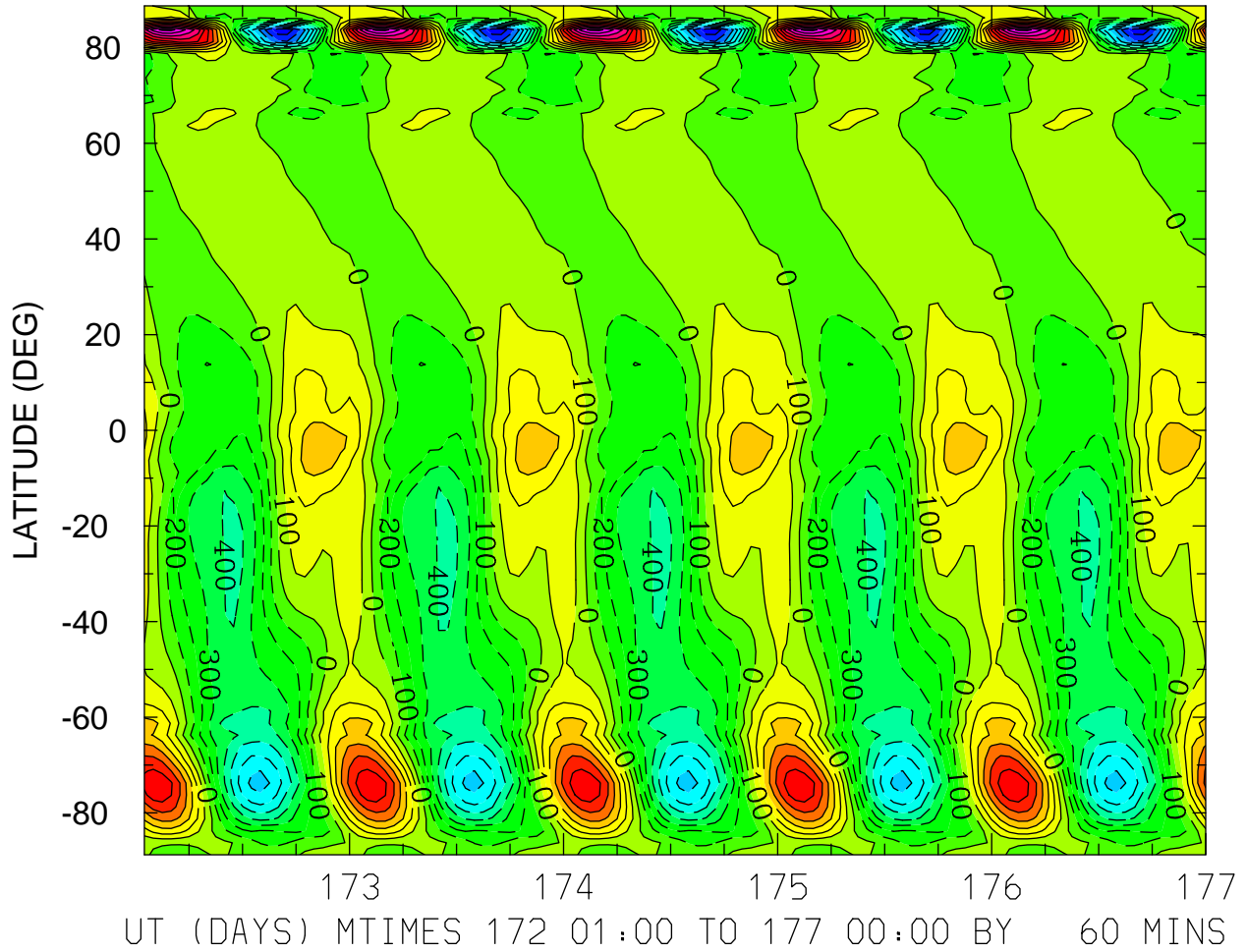
MIN,MAX= -3.2615E+04 2.8061E+04 INTERVAL= 5.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



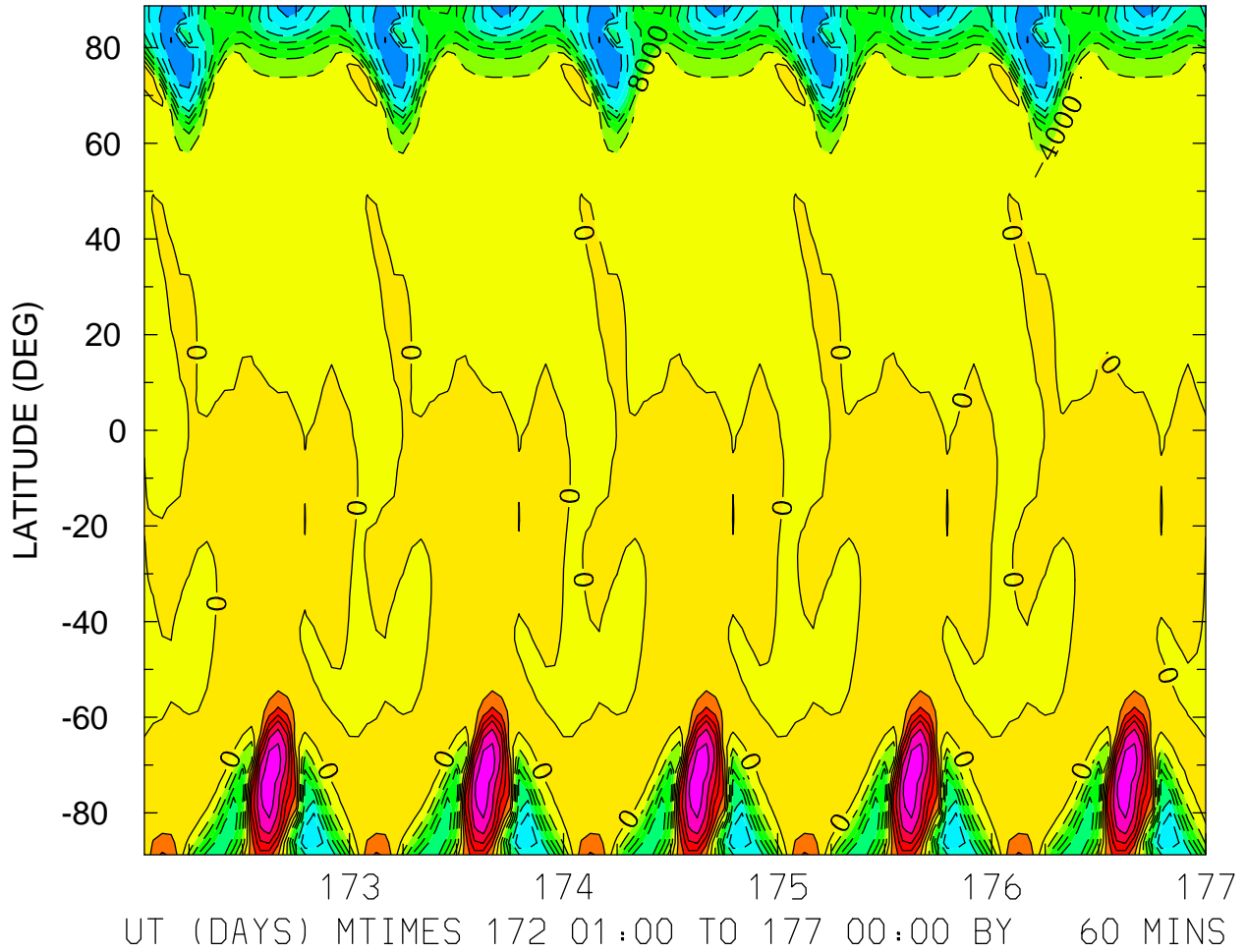
MIN,MAX= -2.7722E+04 3.2150E+04 INTERVAL= 4.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



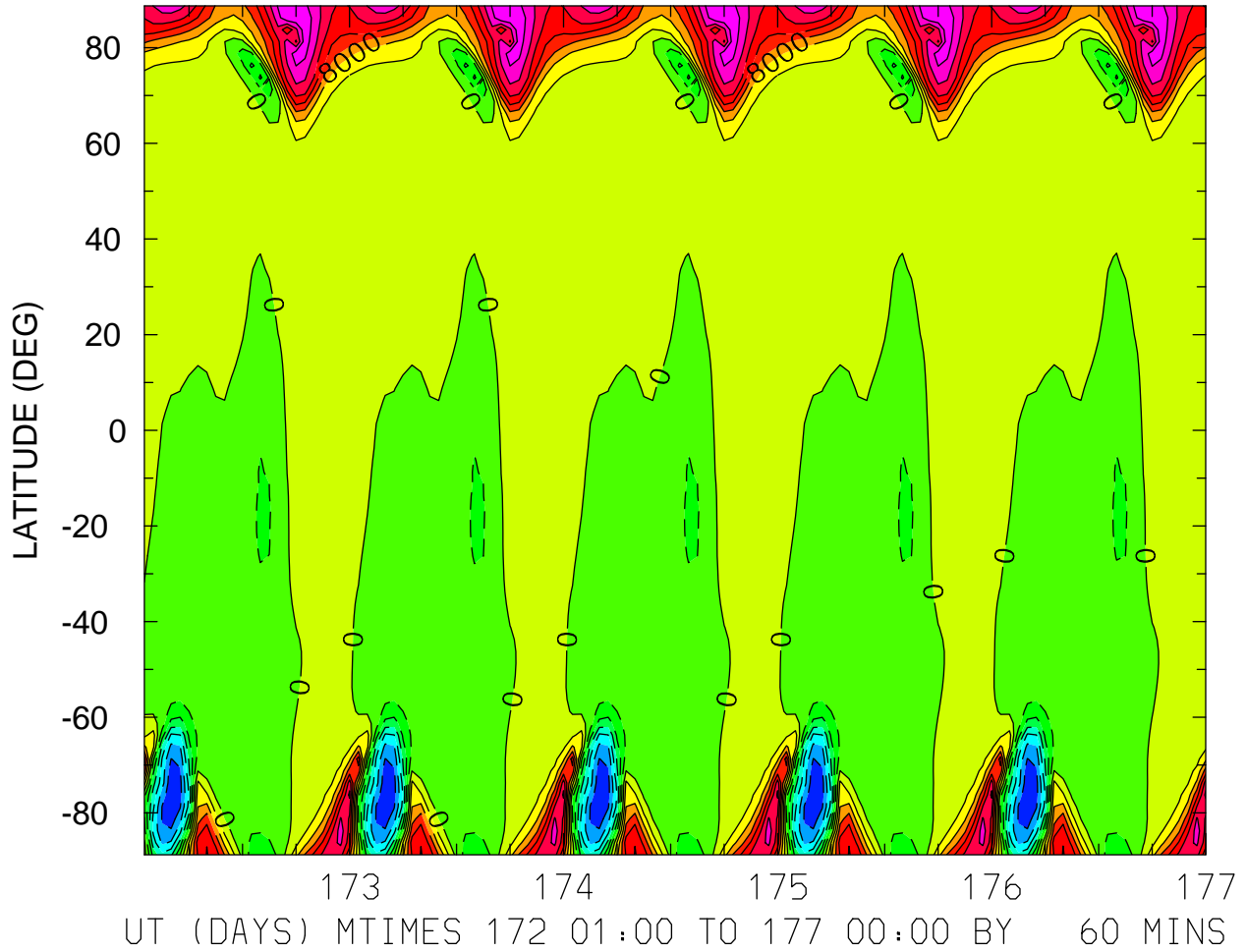
MIN,MAX= -1.0756E+03 1.1327E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



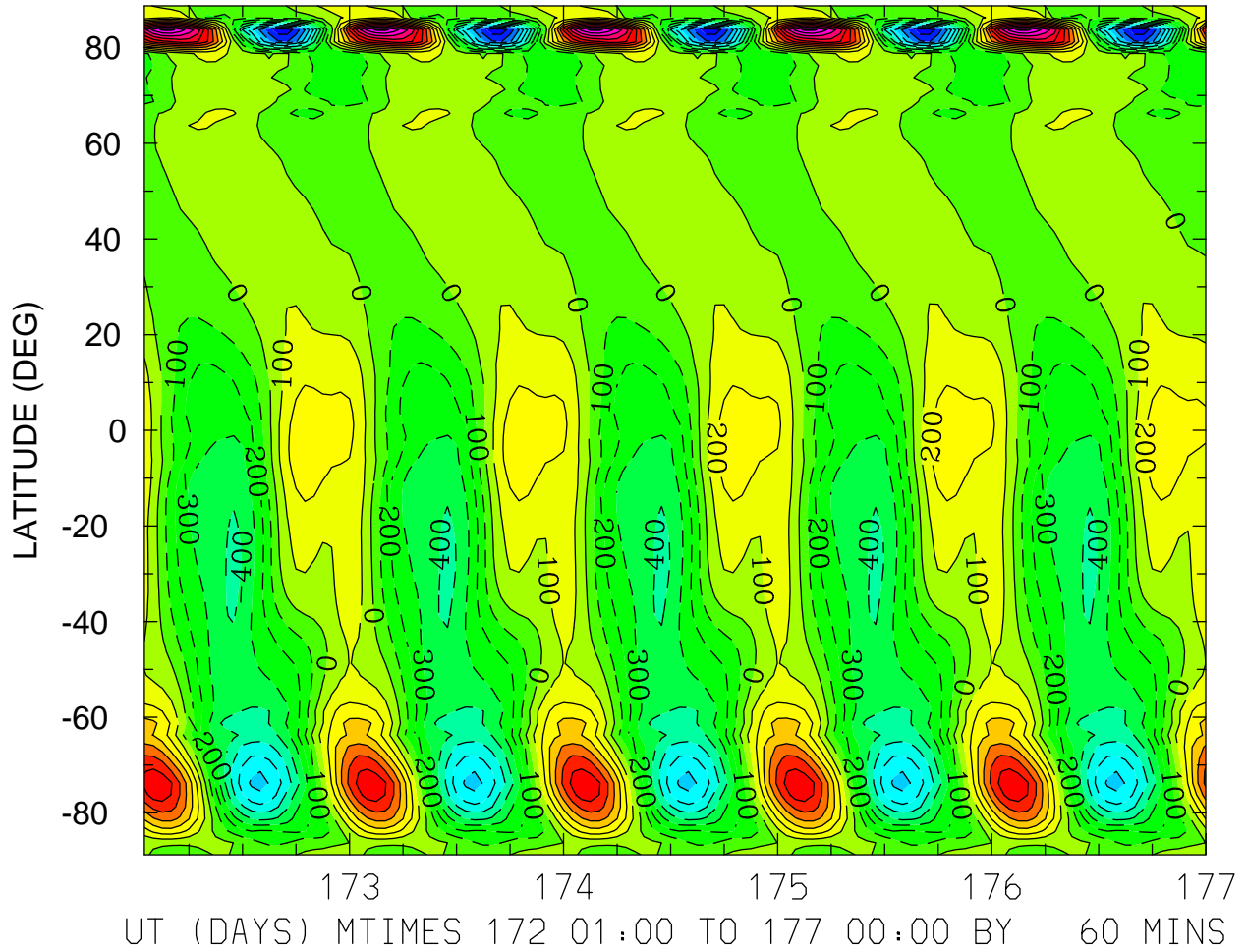
MIN,MAX= -3.2173E+04 2.7685E+04 INTERVAL= 4.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



MIN,MAX= -2.7358E+04 3.1710E+04 INTERVAL= 4.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

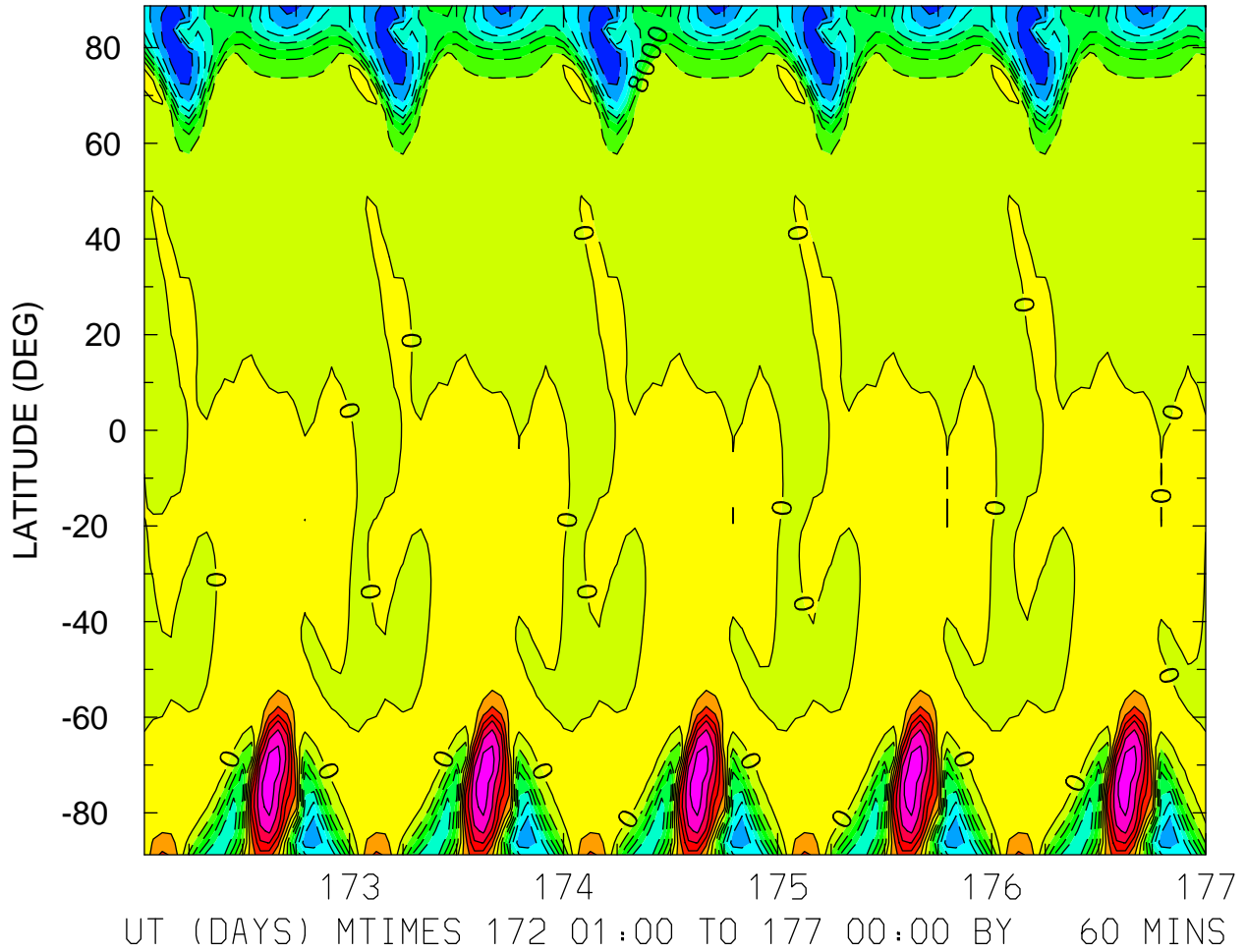
VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
ZP = 0.000 ZONAL MEANS



MIN,MAX= -1.0697E+03 1.1285E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

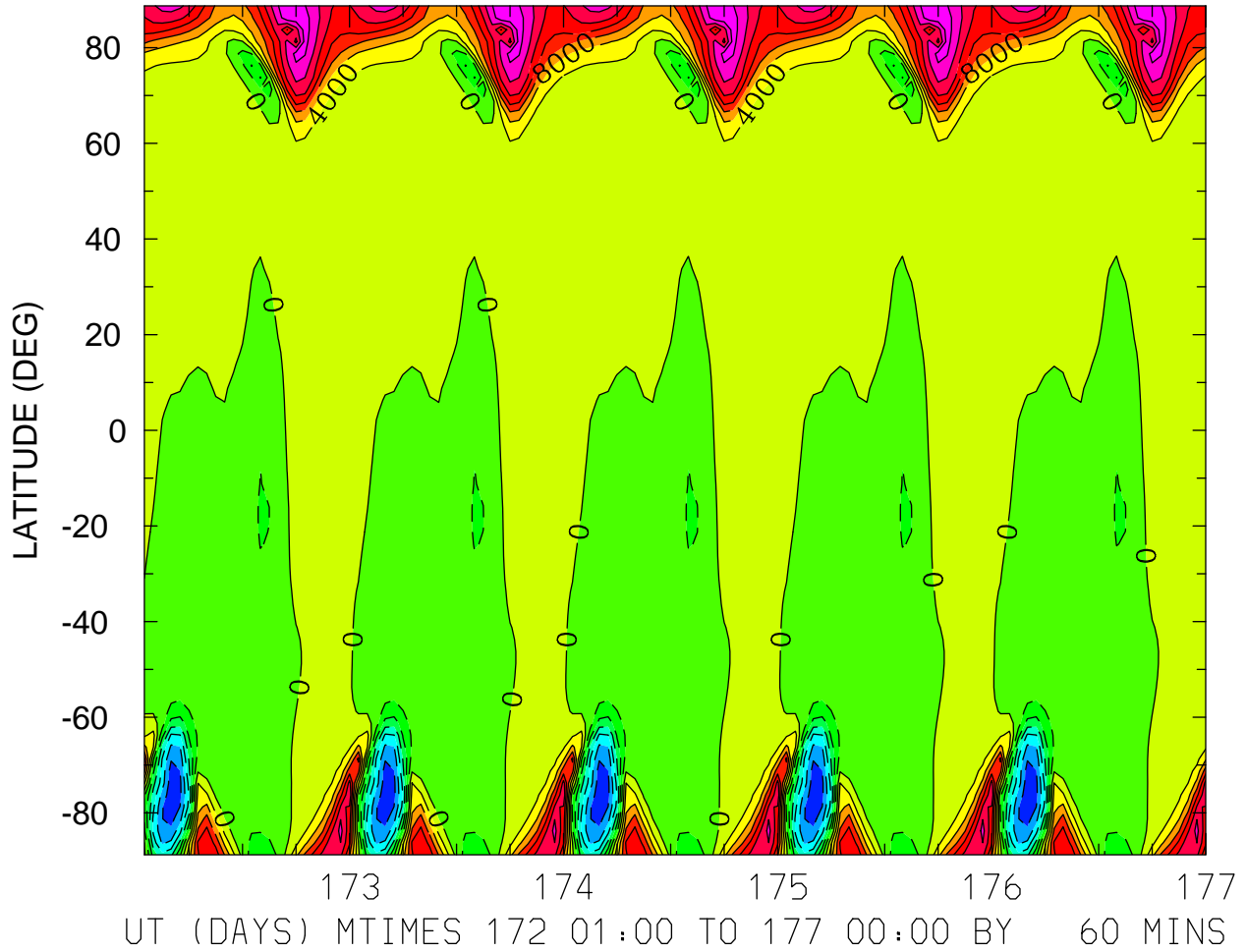


VI\_ExB: VI: Meridional ExB Velocity (cm/s)  
ZP = 4.000 LOCAL TIME = 0.00



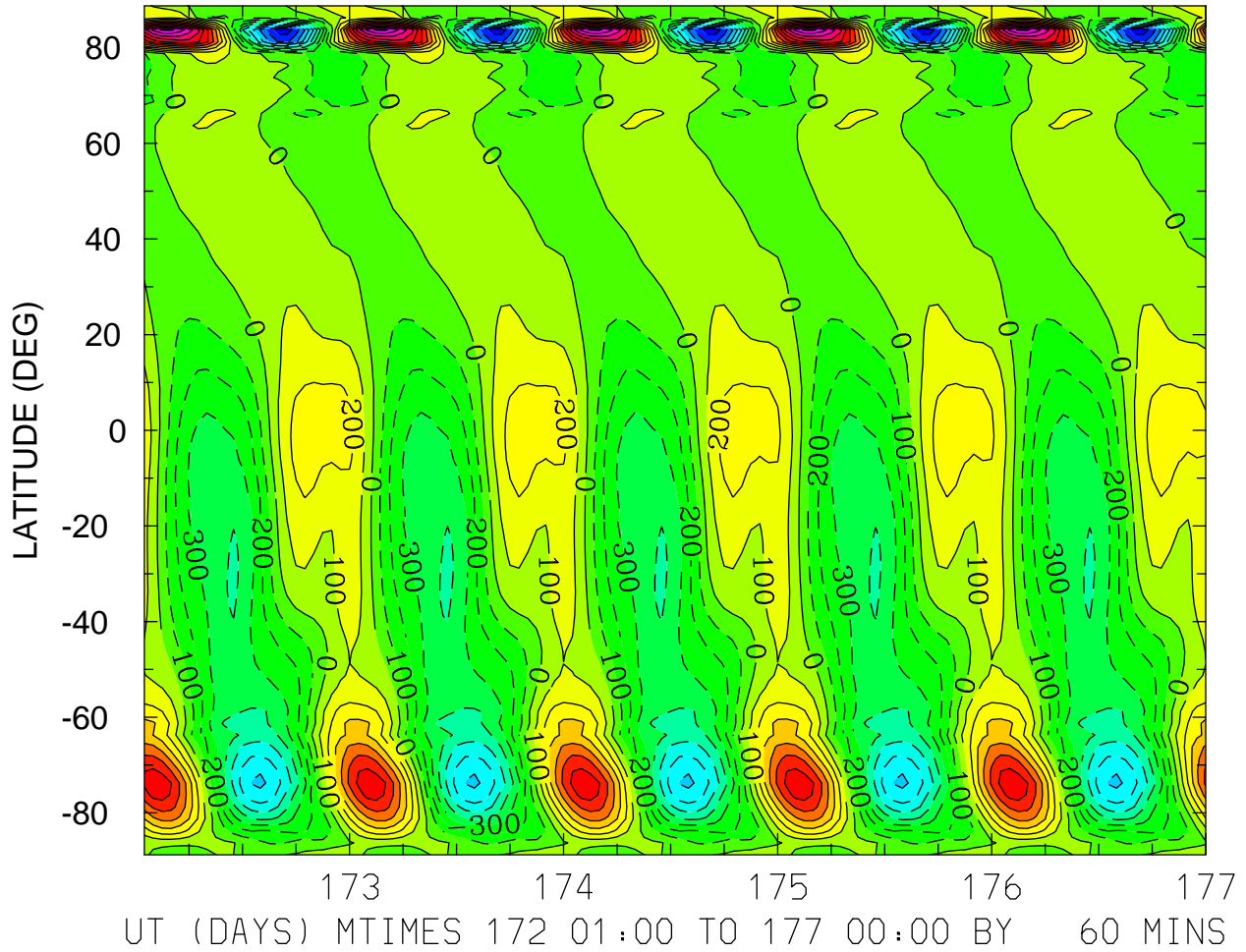
MIN,MAX= -3.1477E+04 2.7106E+04 INTERVAL= 4.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



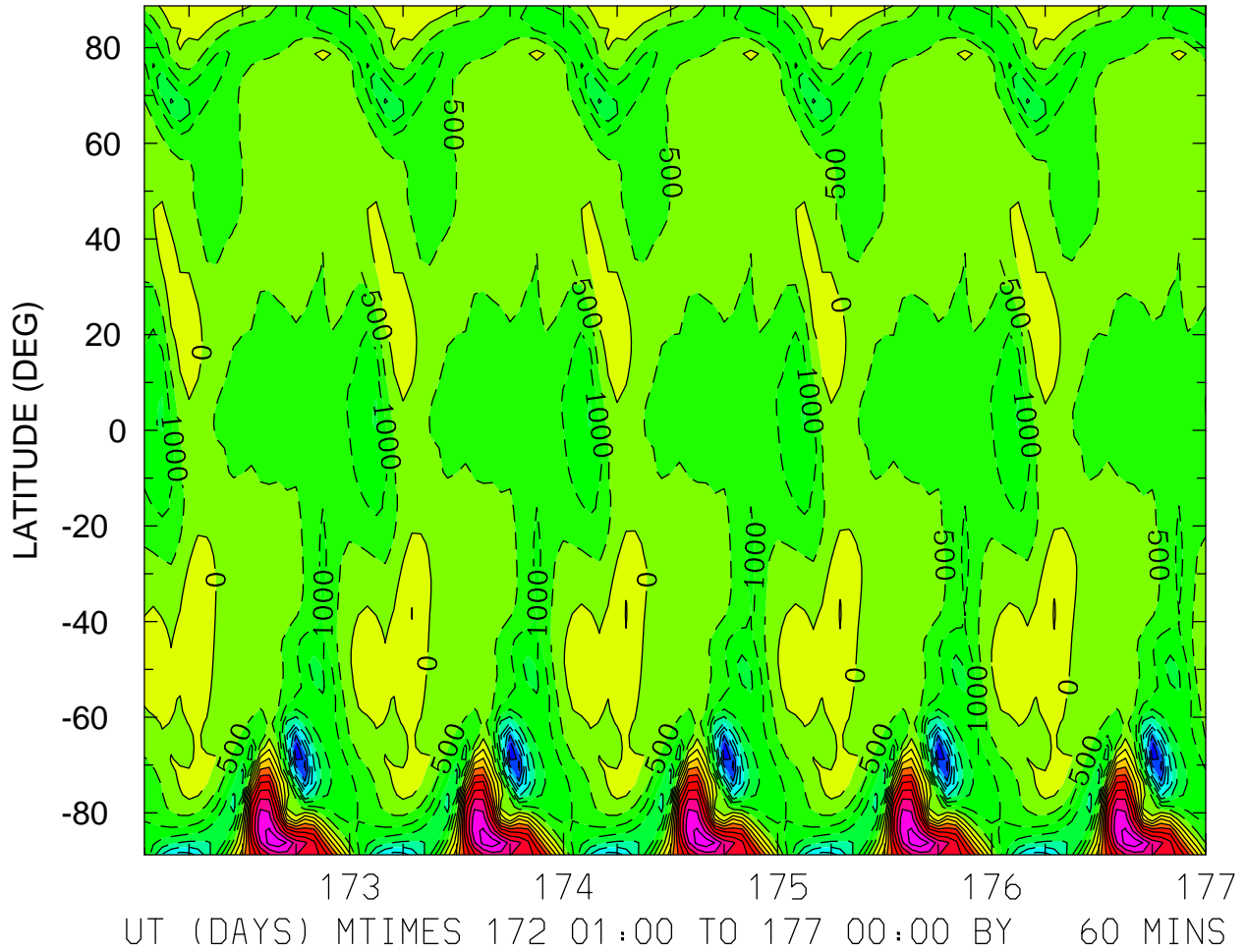
MIN,MAX= -2.6775E+04 3.1014E+04 INTERVAL= 4.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



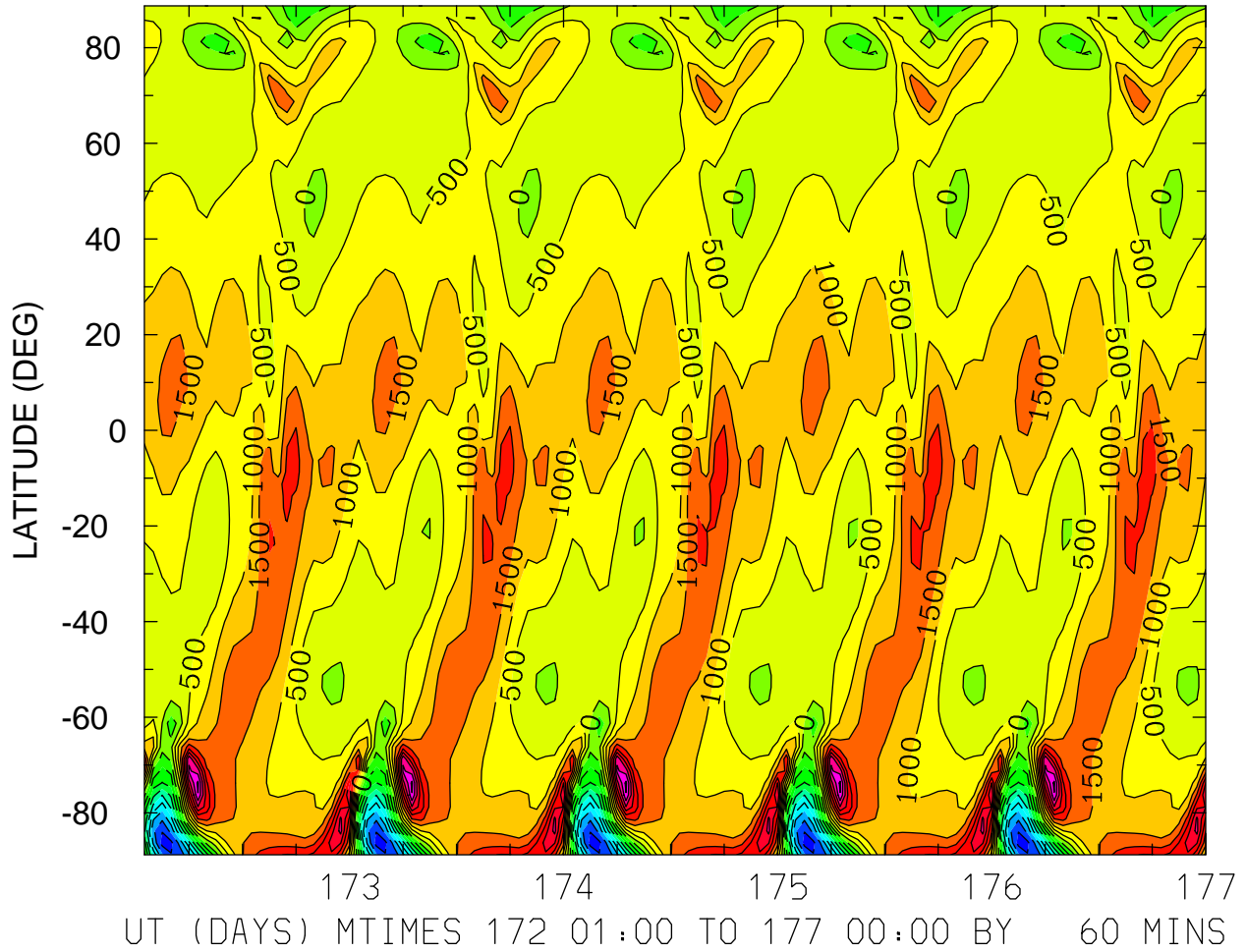
MIN,MAX= -1.0605E+03 1.1217E+03 INTERVAL= 1.0000E+02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



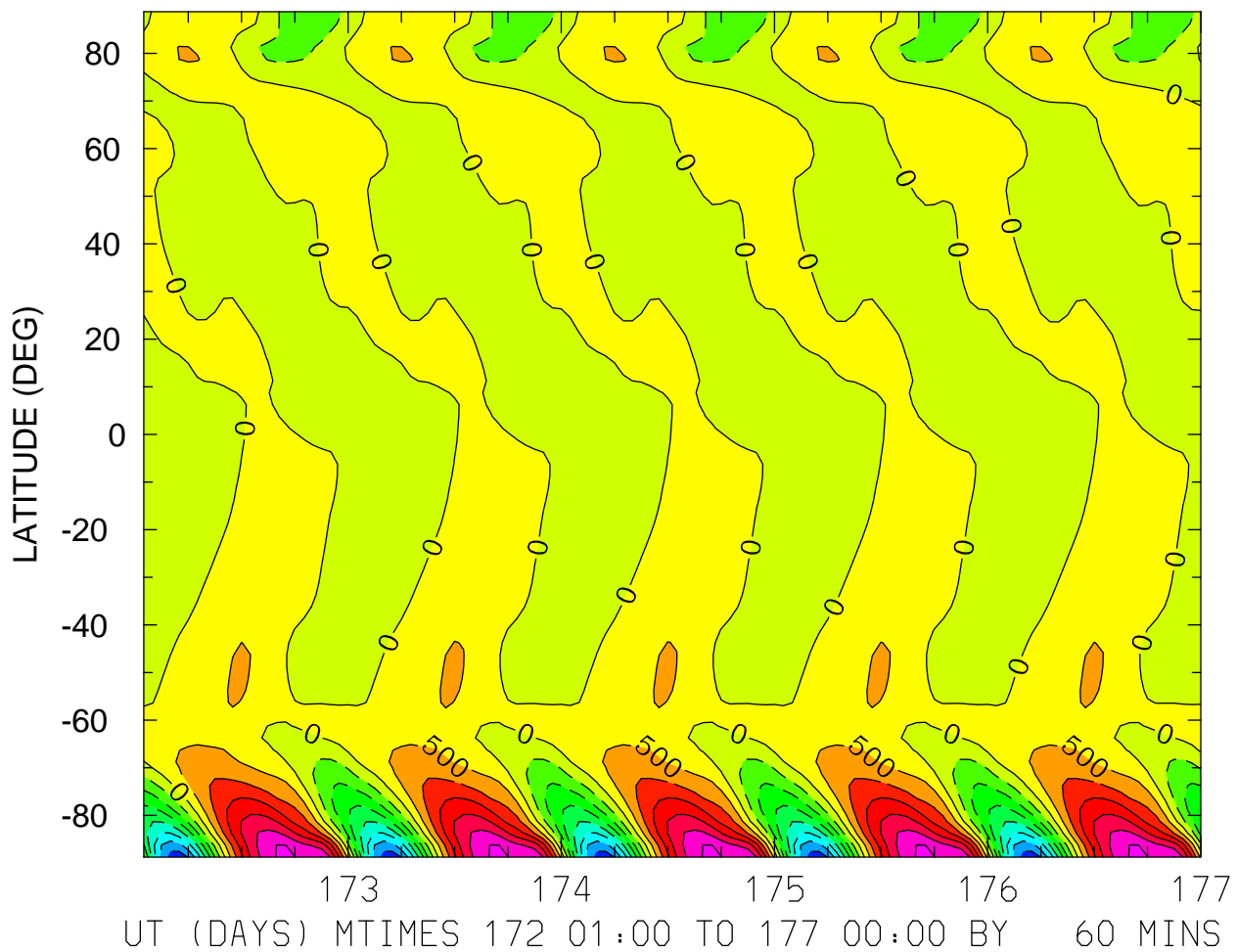
MIN,MAX= -4.9550E+03 4.8356E+03 INTERVAL= 5.0000E+02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



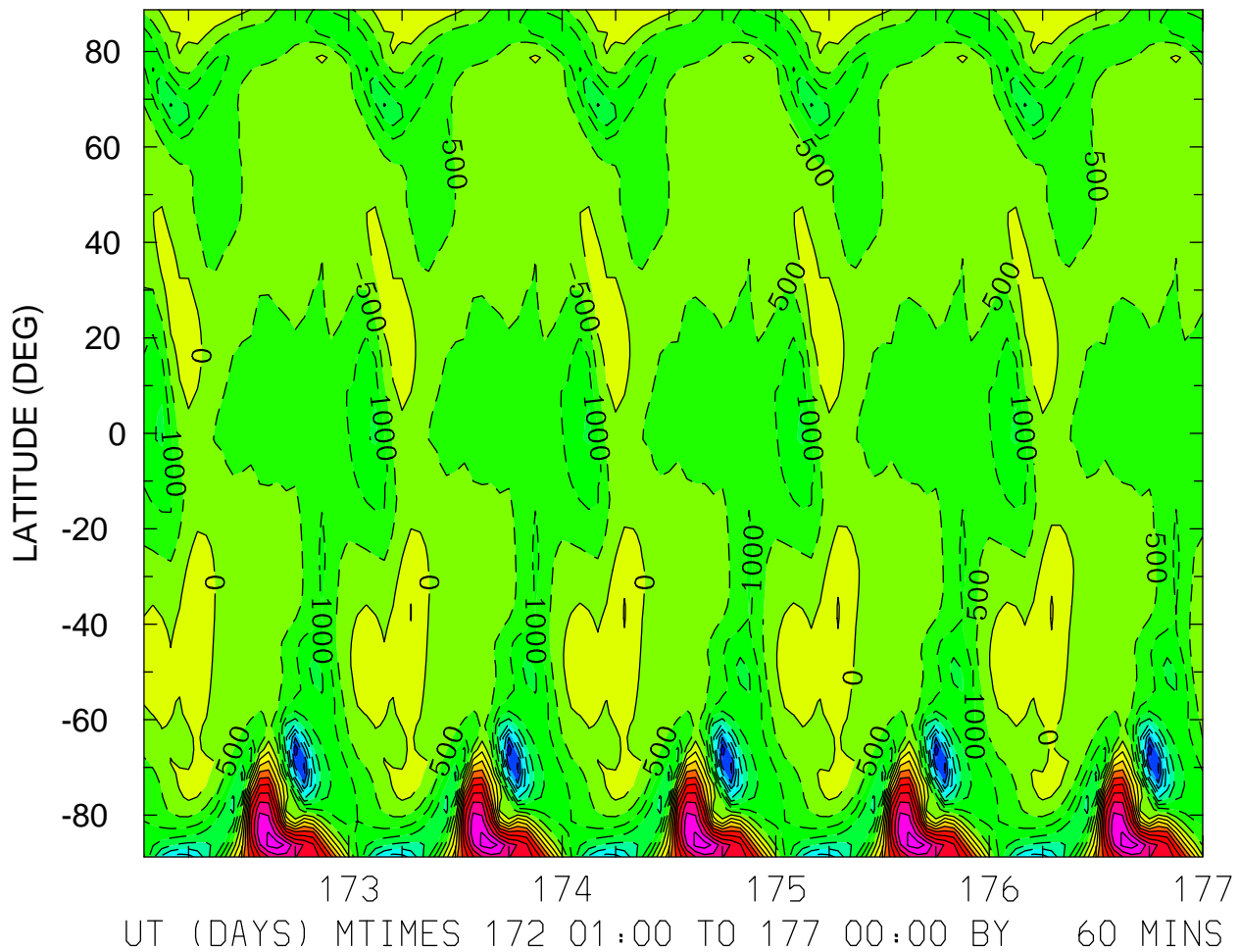
MIN,MAX= -4.7156E+03 4.6284E+03 INTERVAL= 5.0000E+02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



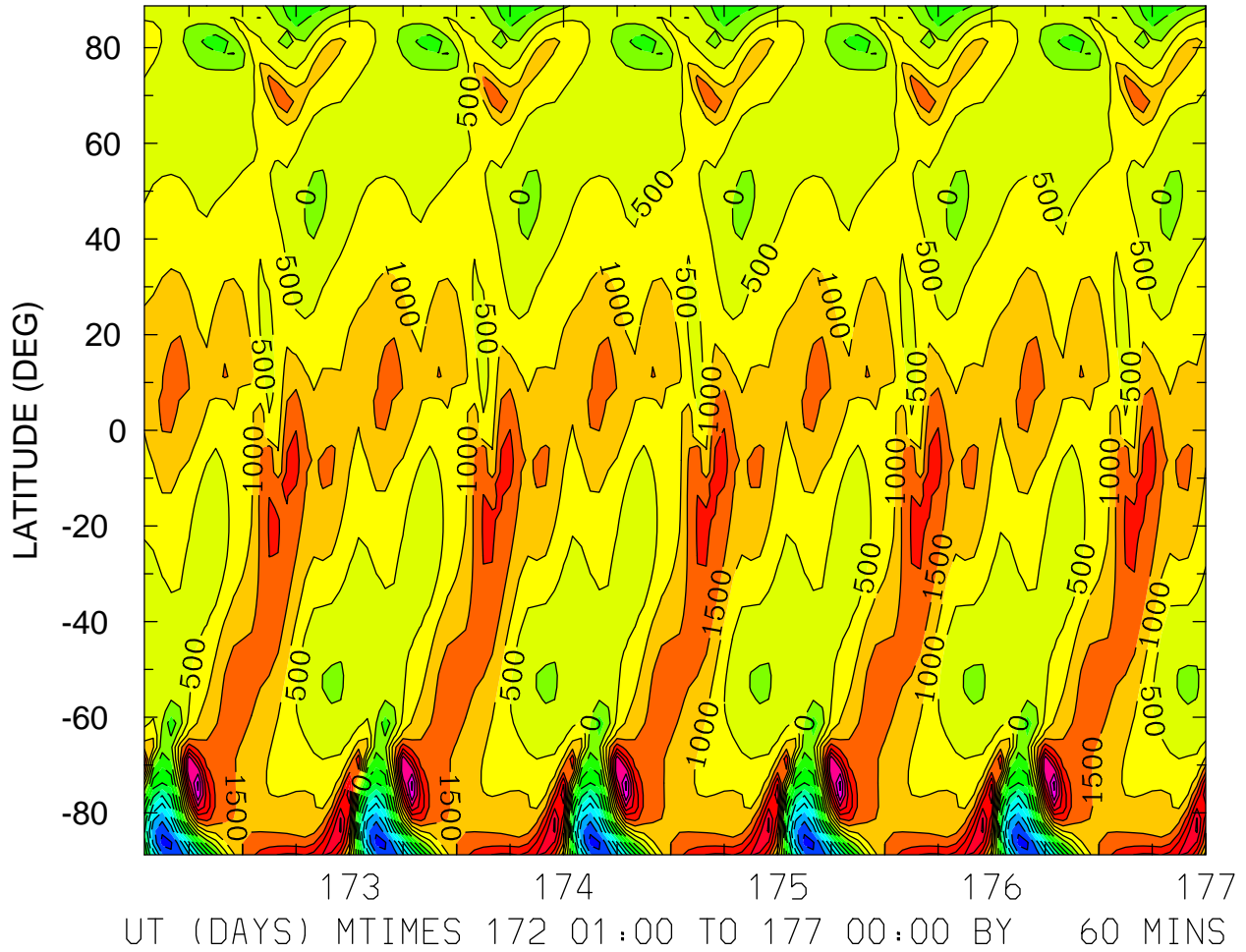
MIN,MAX= -3.8267E+03 3.1015E+03 INTERVAL= 5.0000E+02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



MIN,MAX= -4.8757E+03 4.7648E+03 INTERVAL= 5.0000E+02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

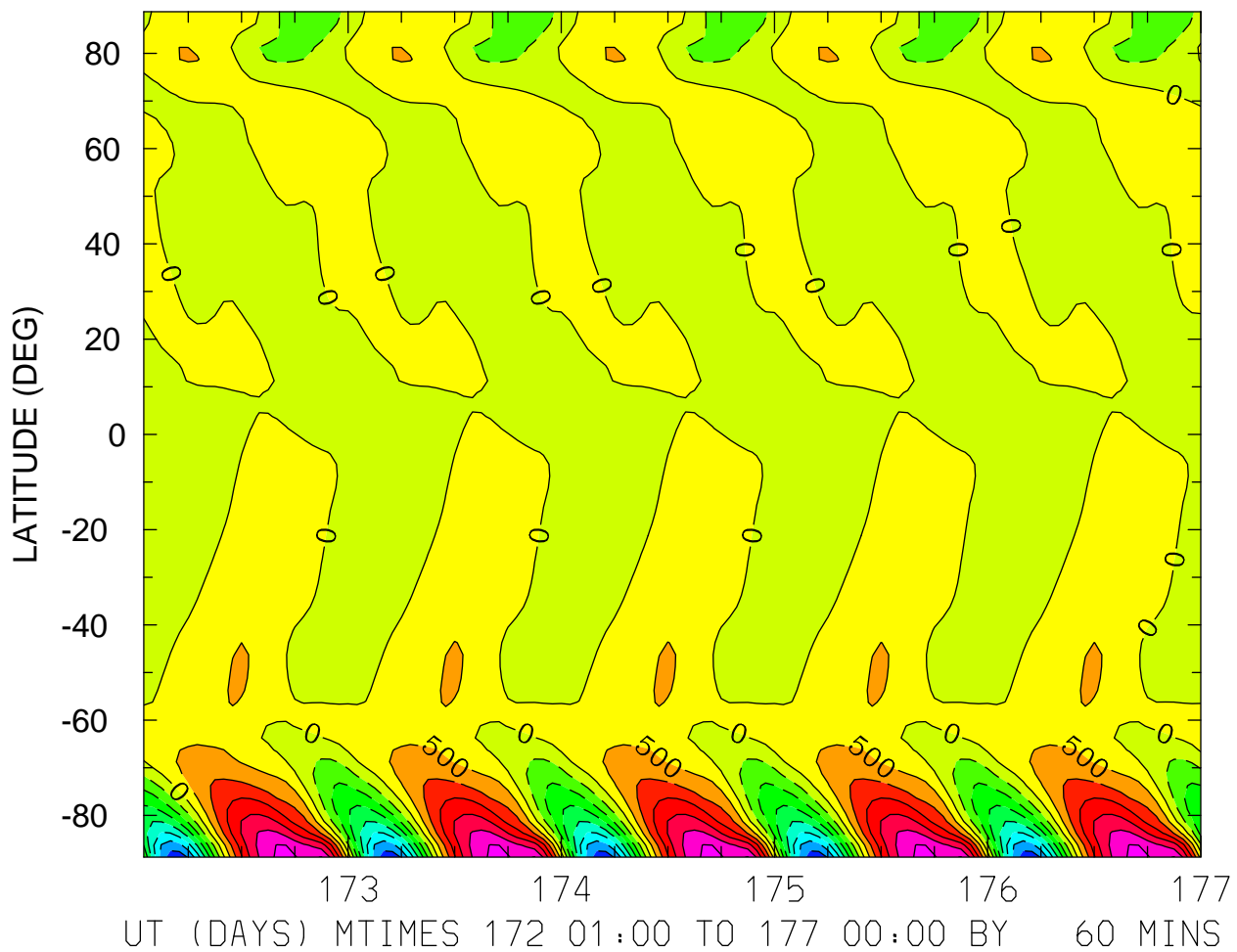
WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
ZP = 0.000 LOCAL TIME = 12.00



MIN,MAX= -4.6718E+03 4.6179E+03 INTERVAL= 5.0000E+02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

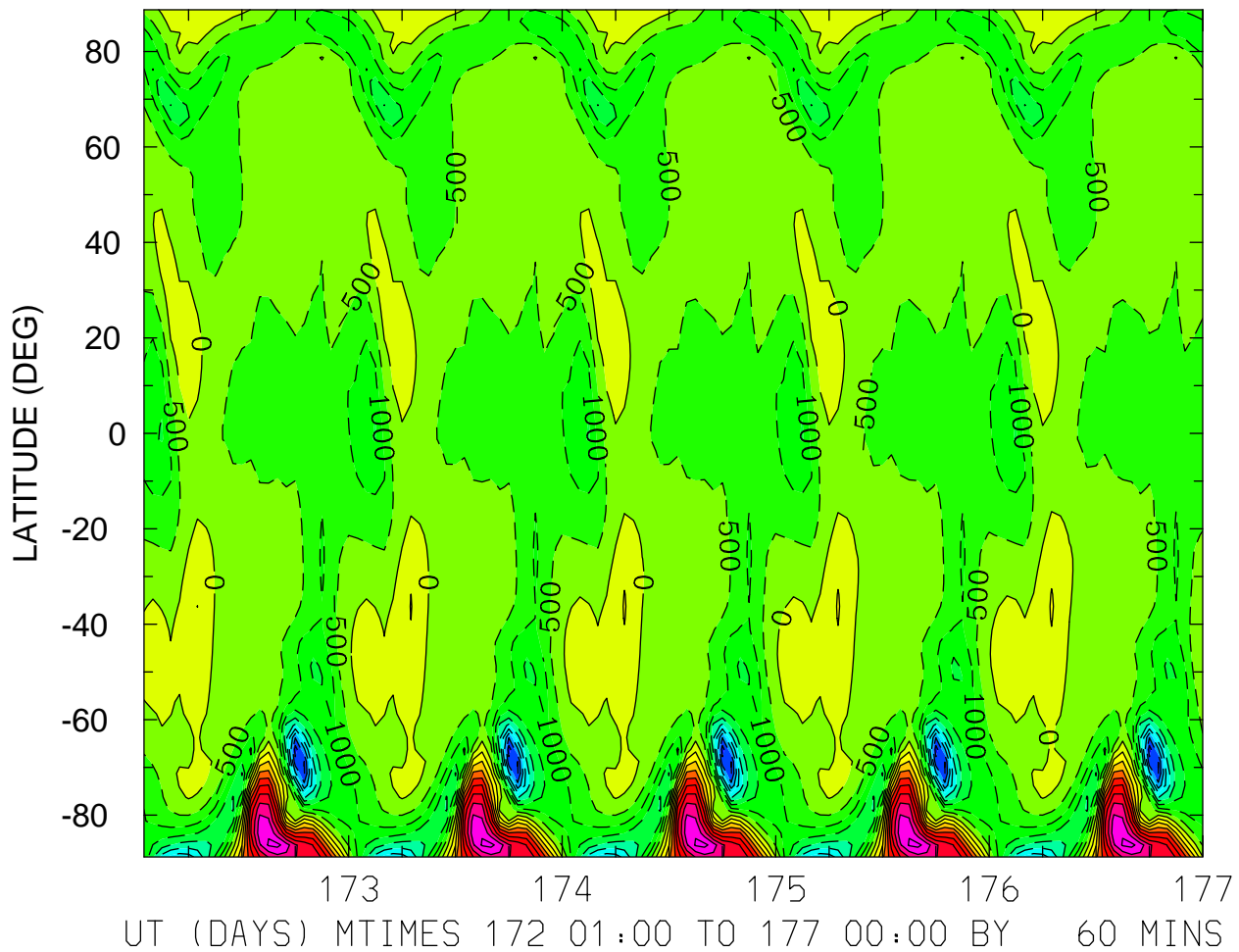


WI\_ExB: WI: Vertical ExB Velocity (cm/s)  
ZP = 0.000 ZONAL MEANS



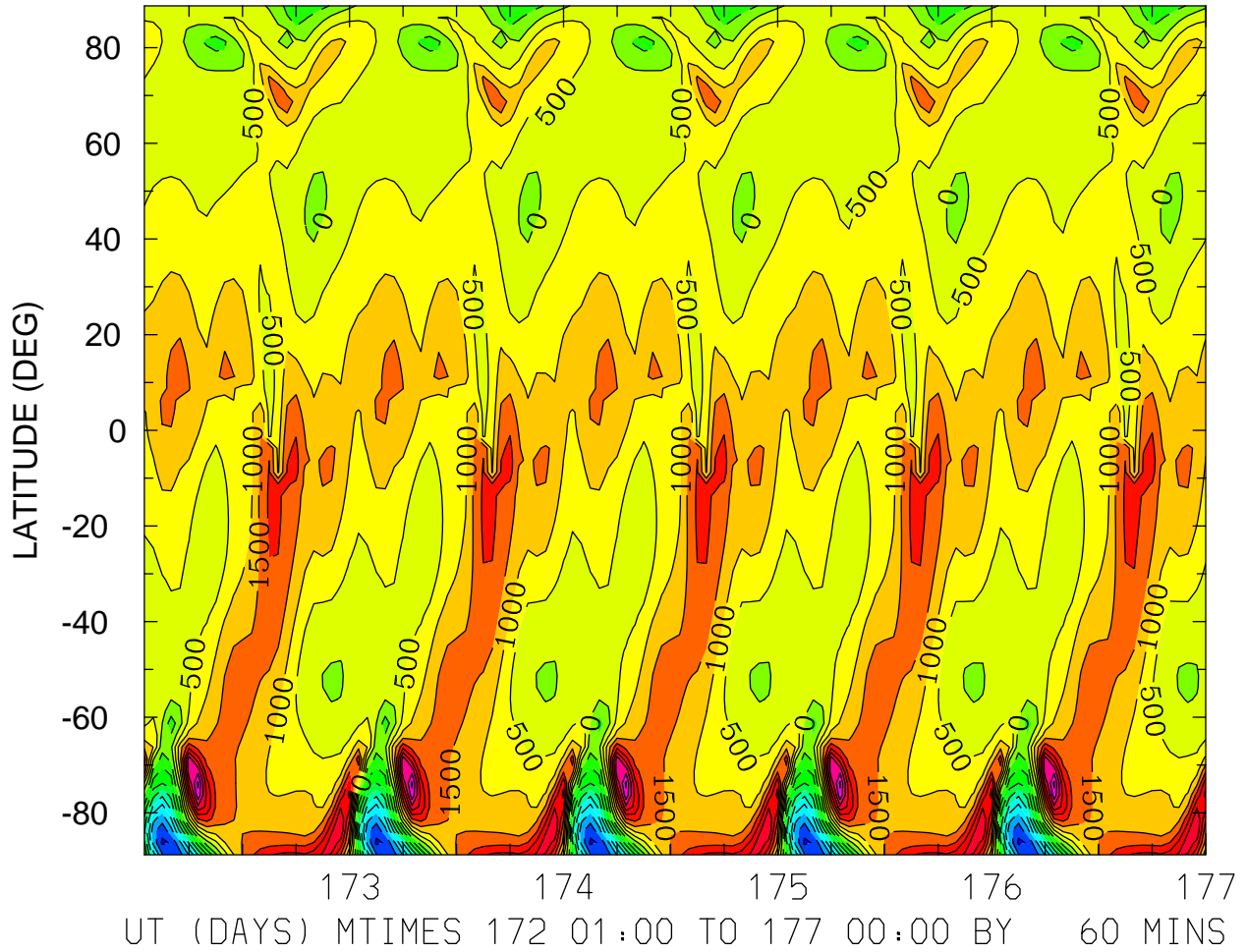
MIN,MAX= -3.8234E+03 3.1396E+03 INTERVAL= 5.0000E+02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



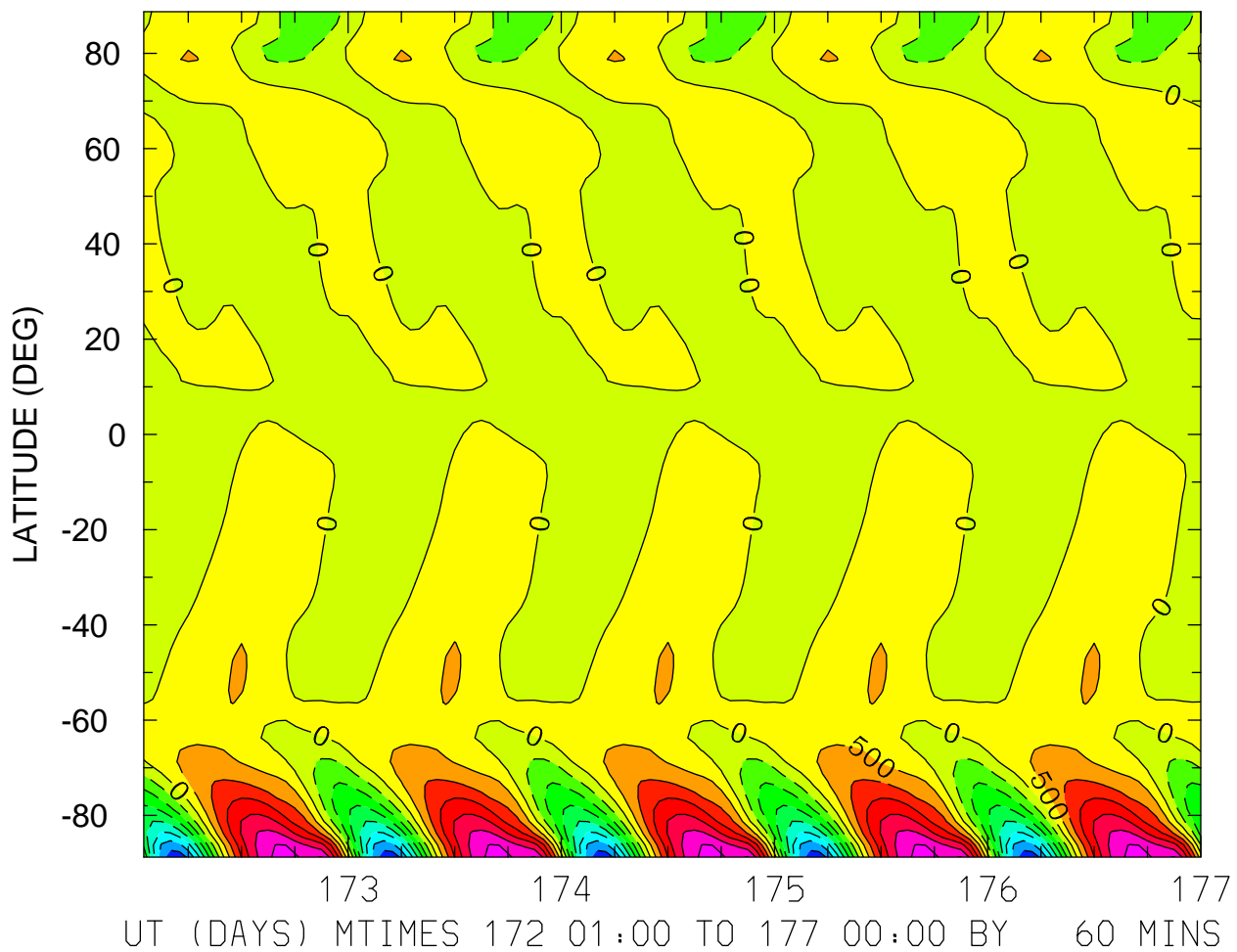
MIN,MAX= -4.7548E+03 4.6547E+03 INTERVAL= 5.0000E+02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



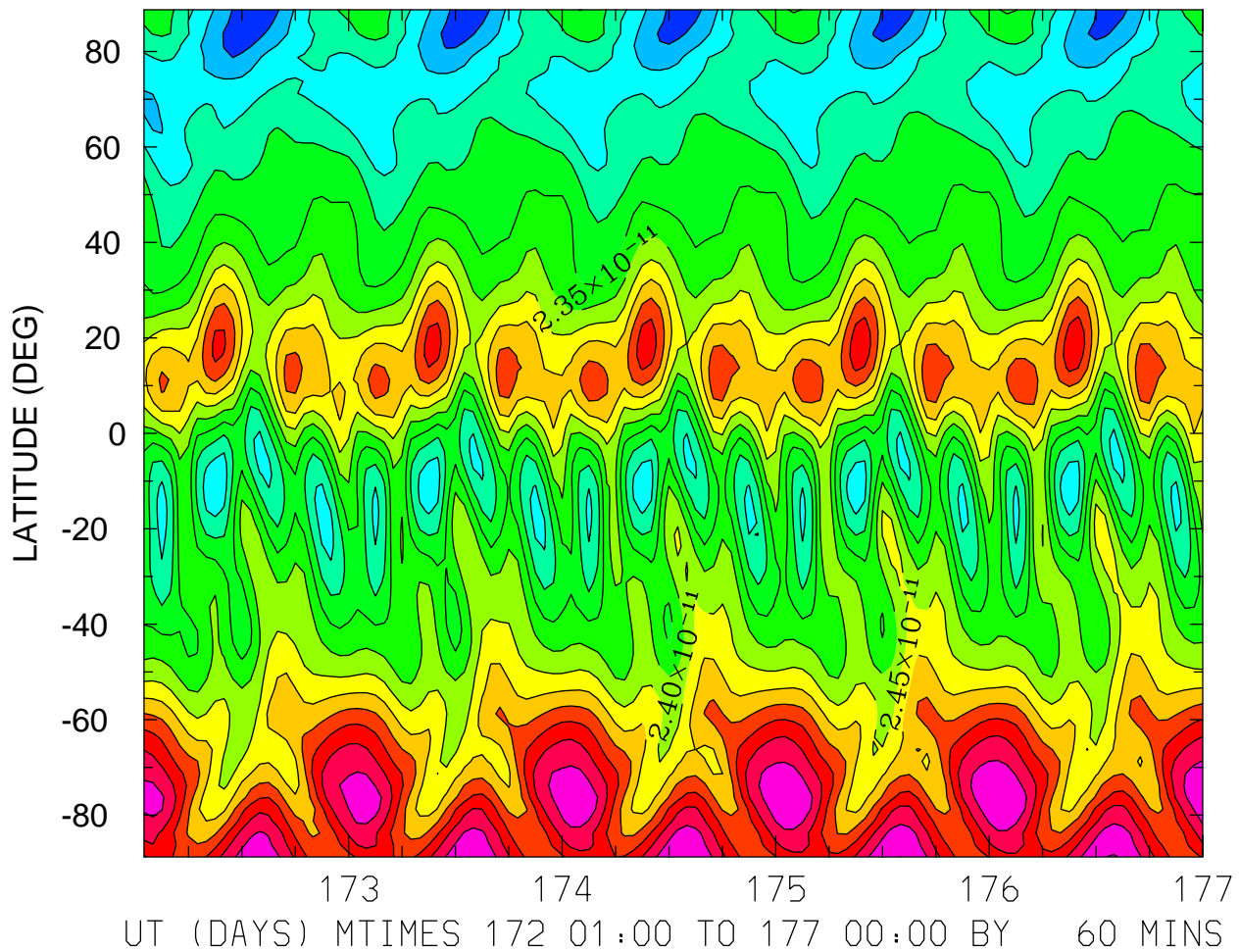
MIN,MAX= -4.6036E+03 4.5988E+03 INTERVAL= 5.0000E+02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



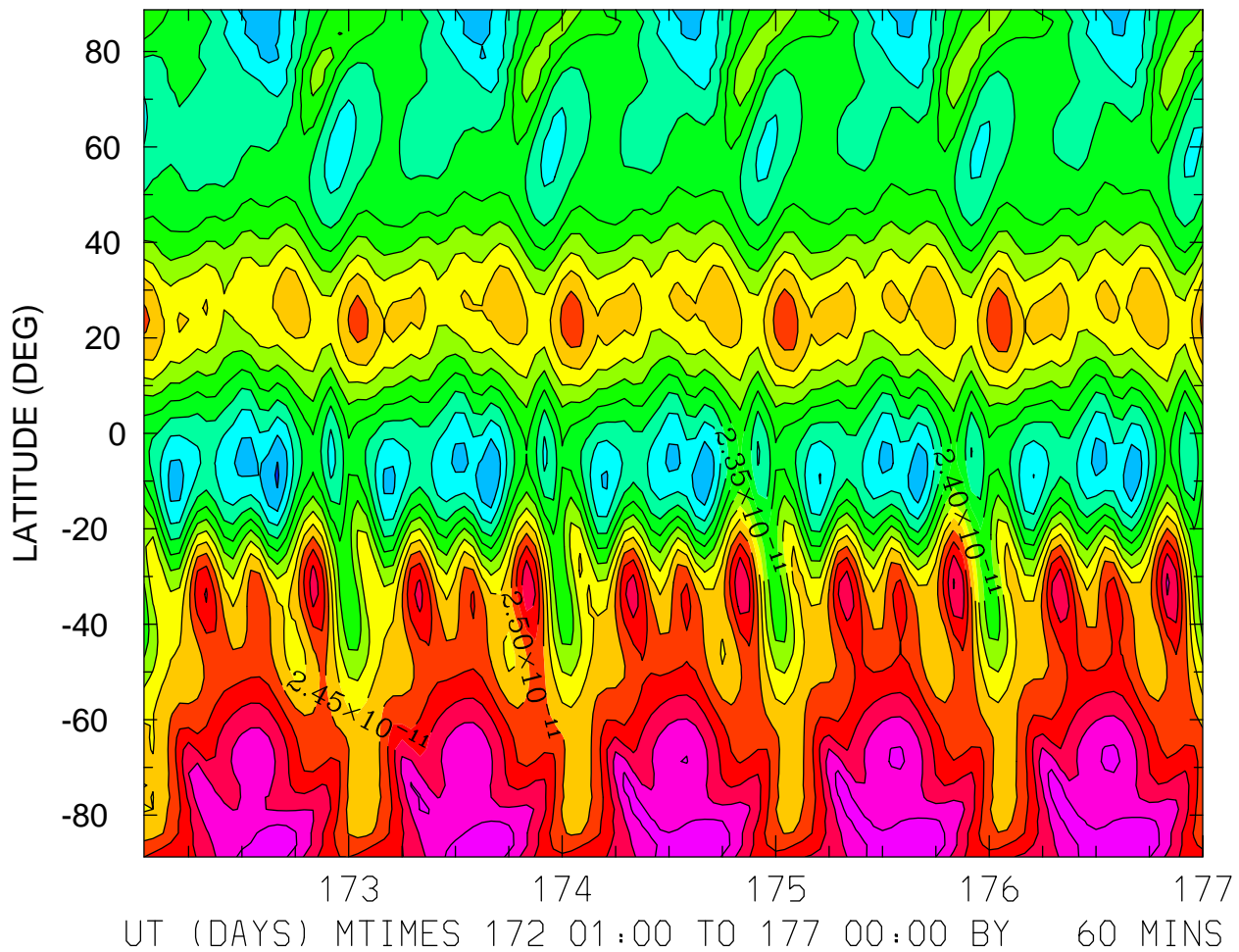
MIN,MAX= -3.8162E+03 3.1958E+03 INTERVAL= 5.0000E+02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



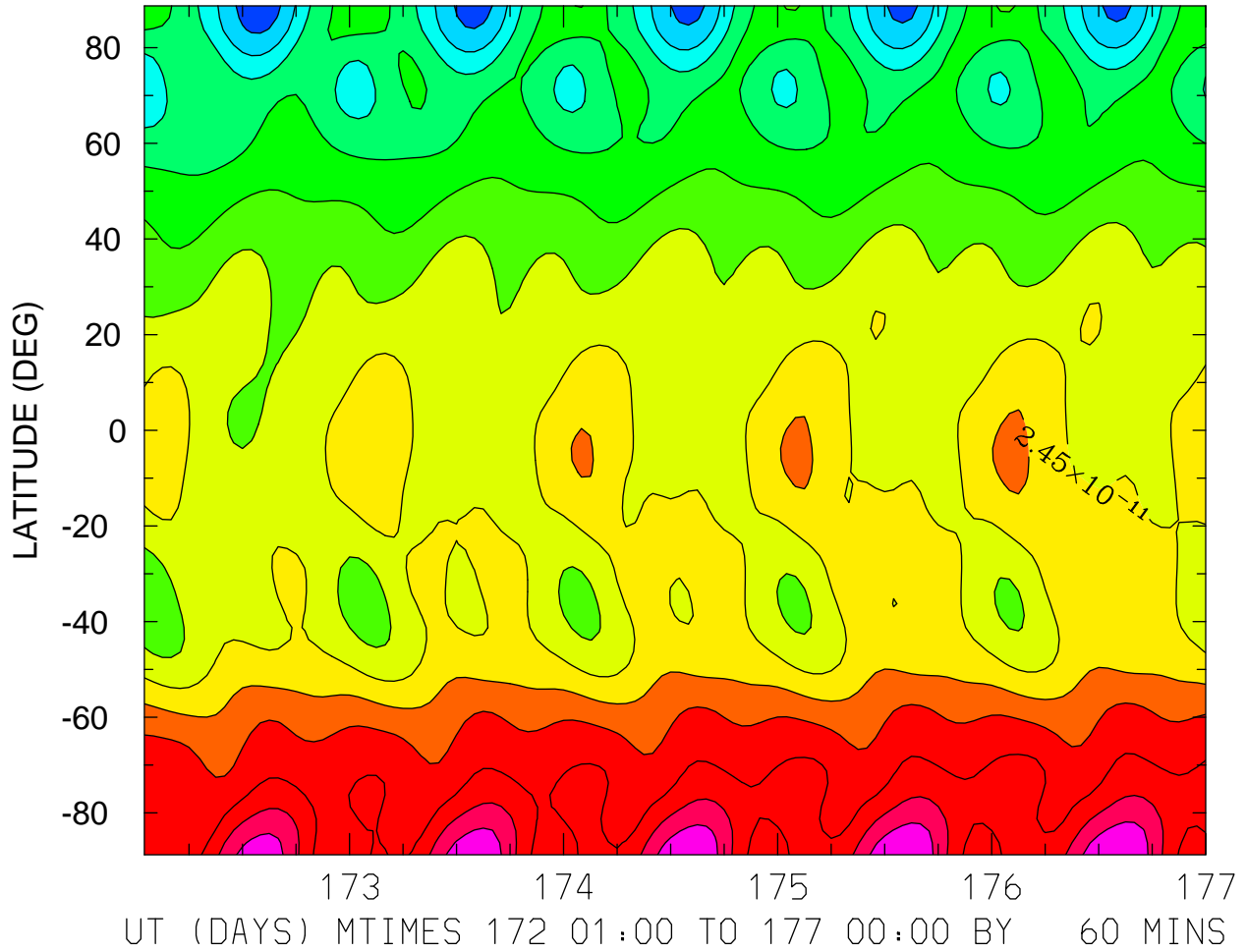
MIN,MAX= 2.1163E-11 2.7526E-11 INTERVAL= 5.0000E-13  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



MIN,MAX= 2.0925E-11 2.7487E-11 INTERVAL= 5.0000E-13  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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

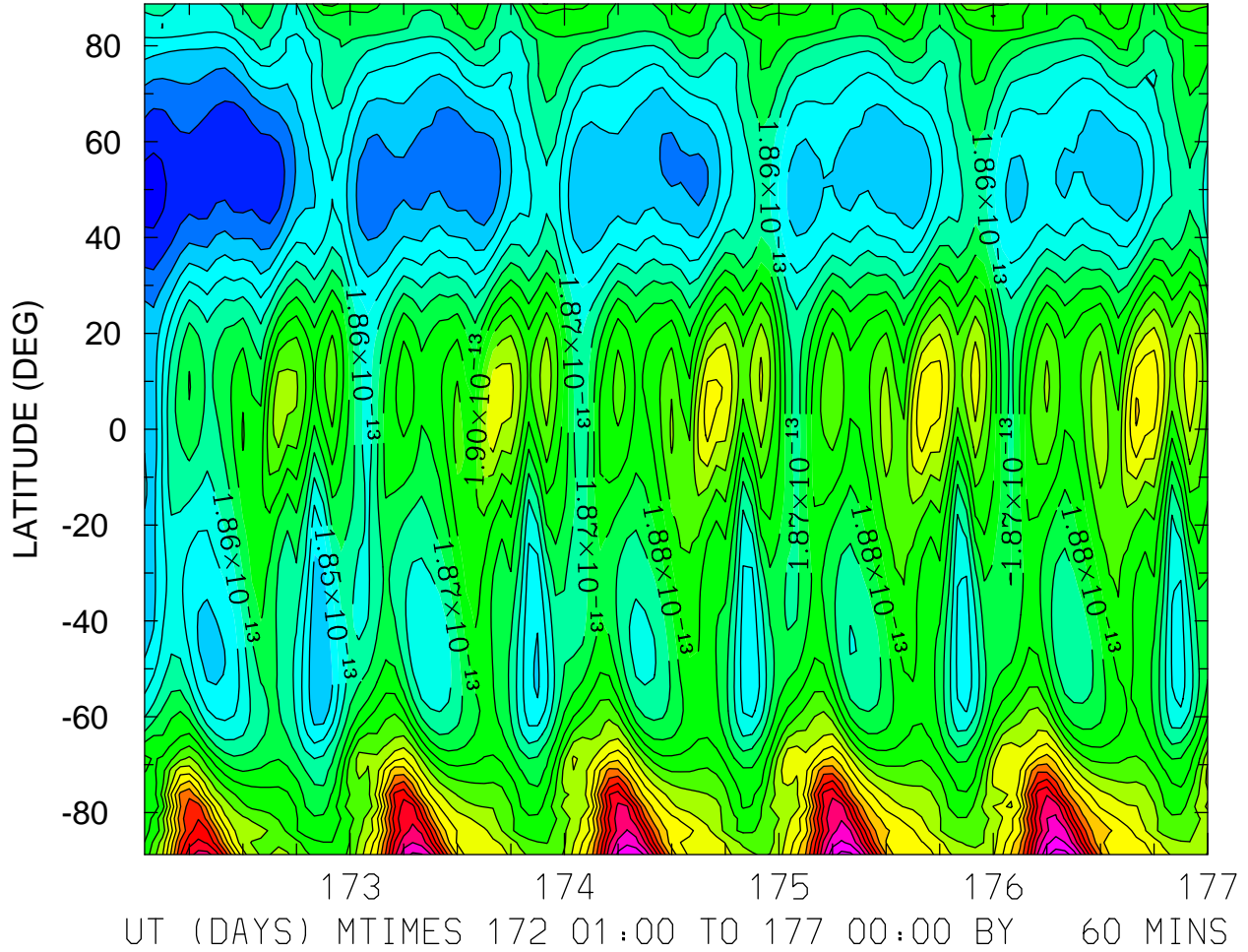


MIN,MAX= 2.1169E-11 2.7494E-11 INTERVAL= 5.0000E-13  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc



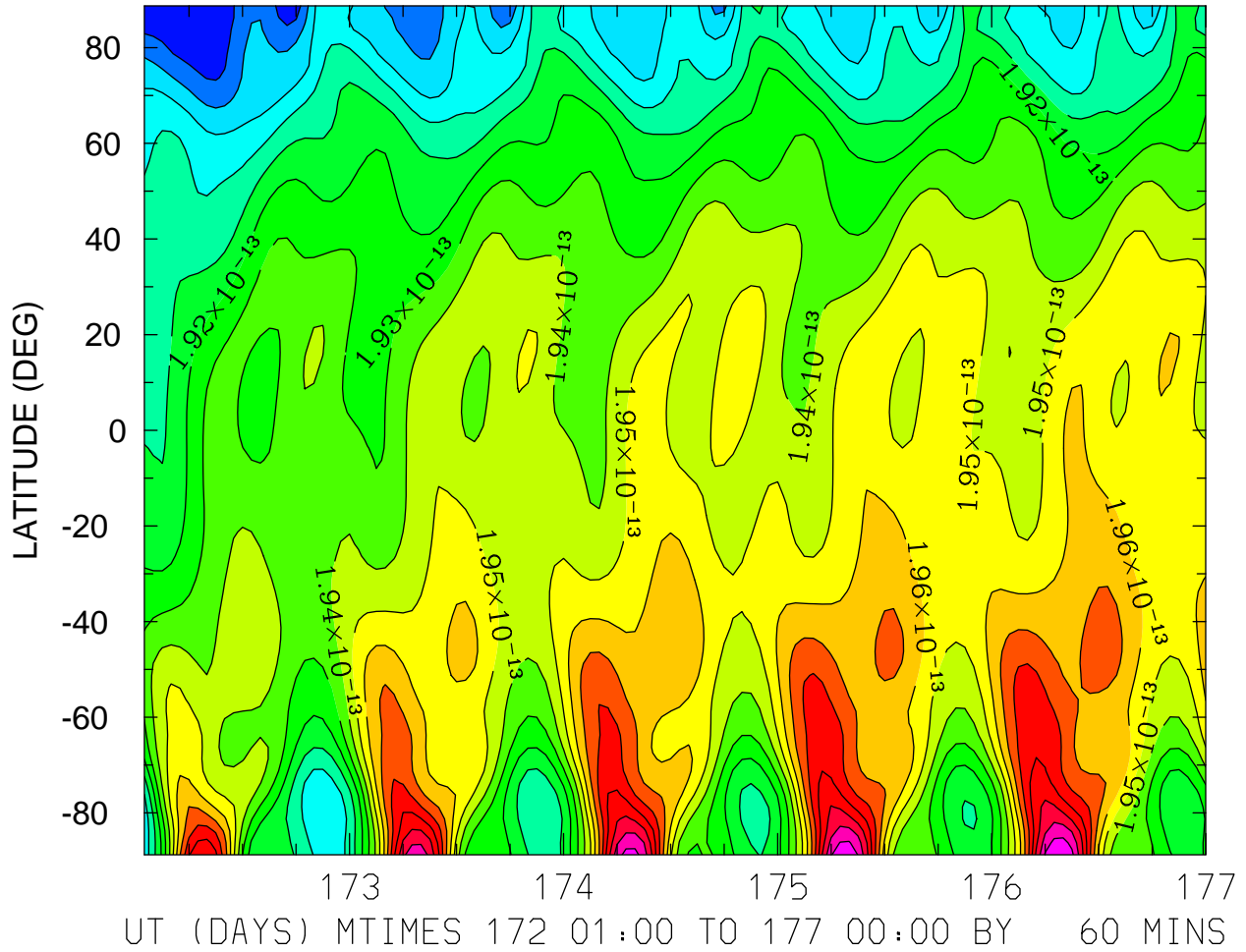


DEN: Total Density (g/cm<sup>3</sup>)  
ZP = 0.000 LOCAL TIME = 12.00



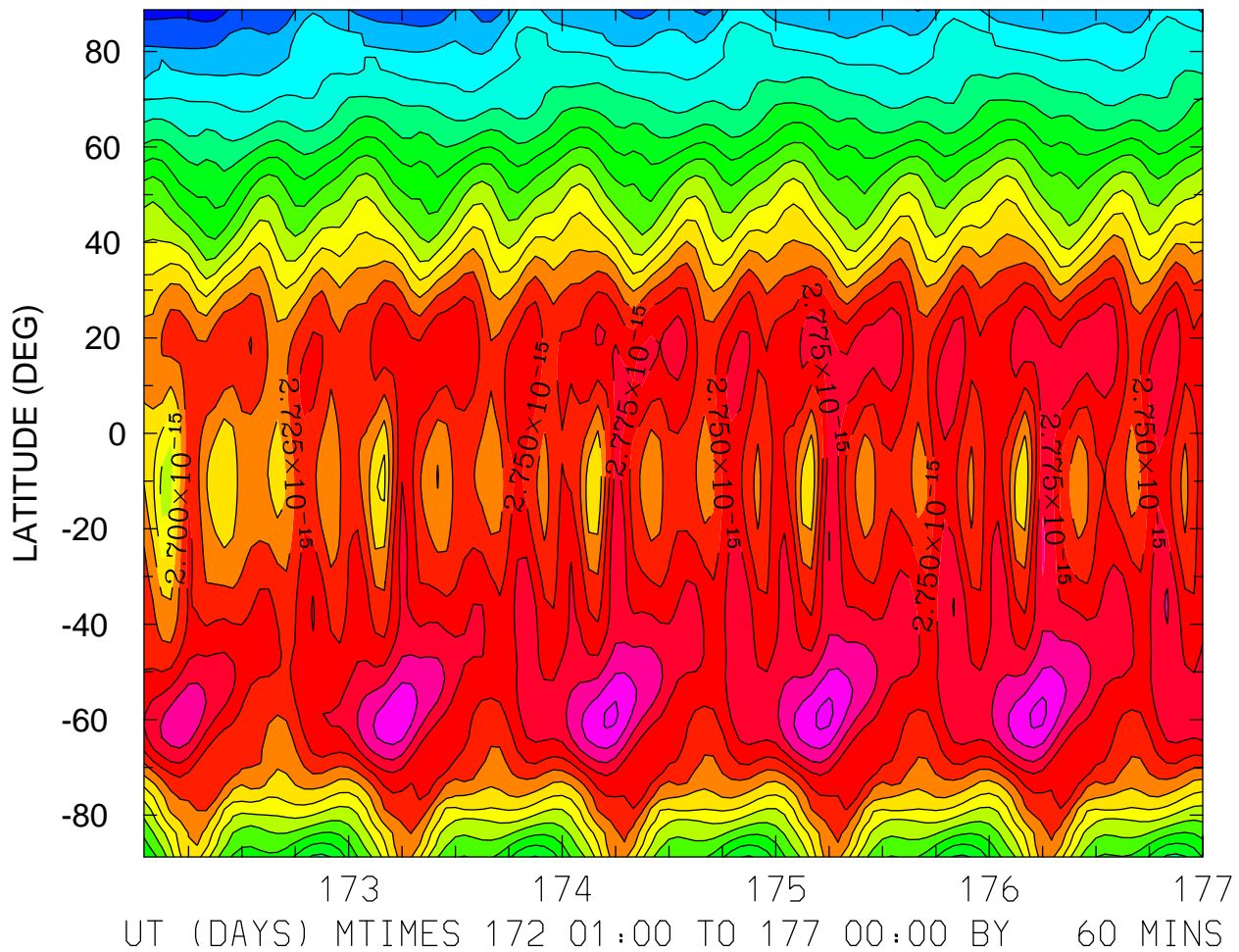
MIN,MAX= 1.8066E-13 2.0253E-13 INTERVAL= 1.0000E-15  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



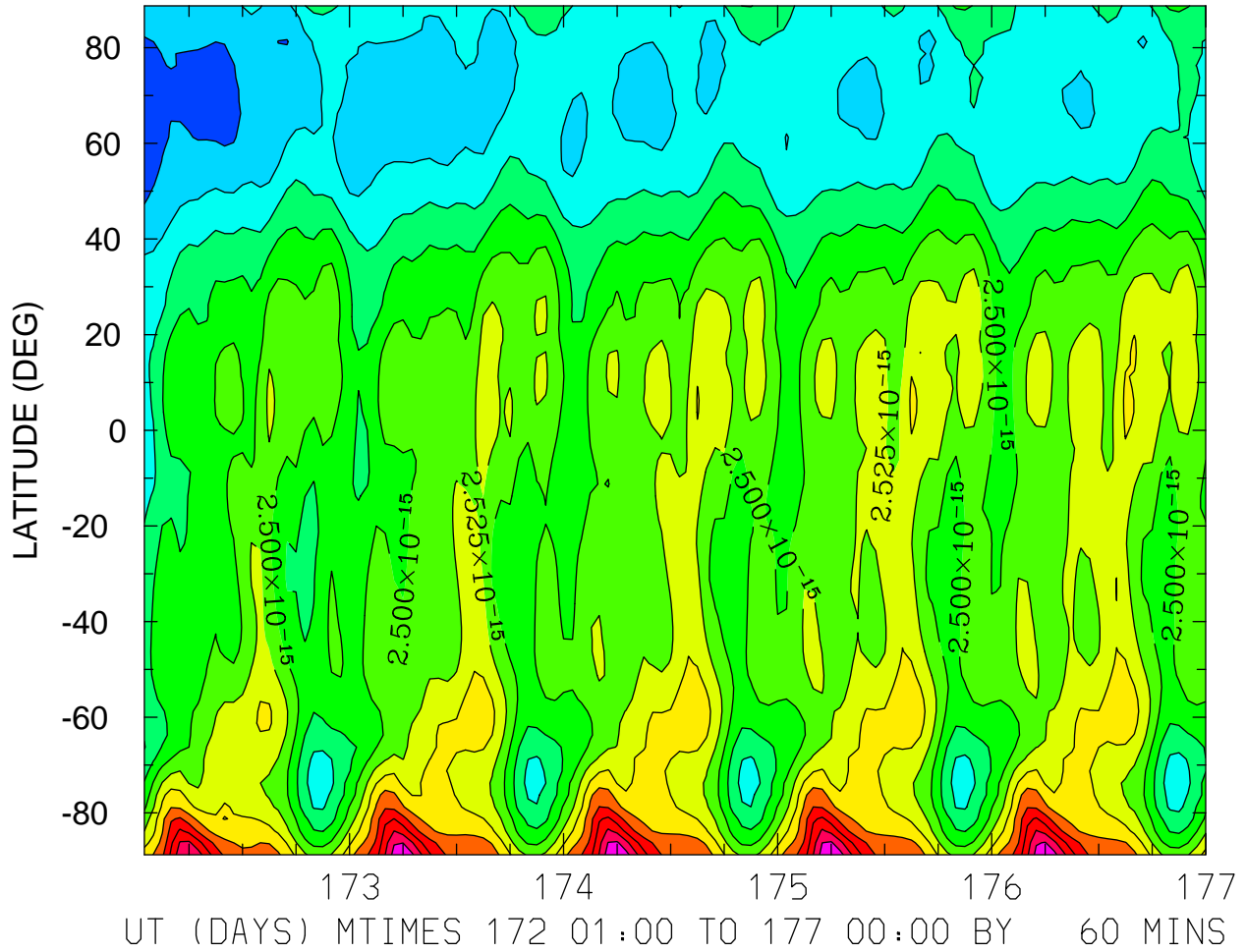
MIN,MAX= 1.8616E-13 2.0298E-13 INTERVAL= 1.0000E-15  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



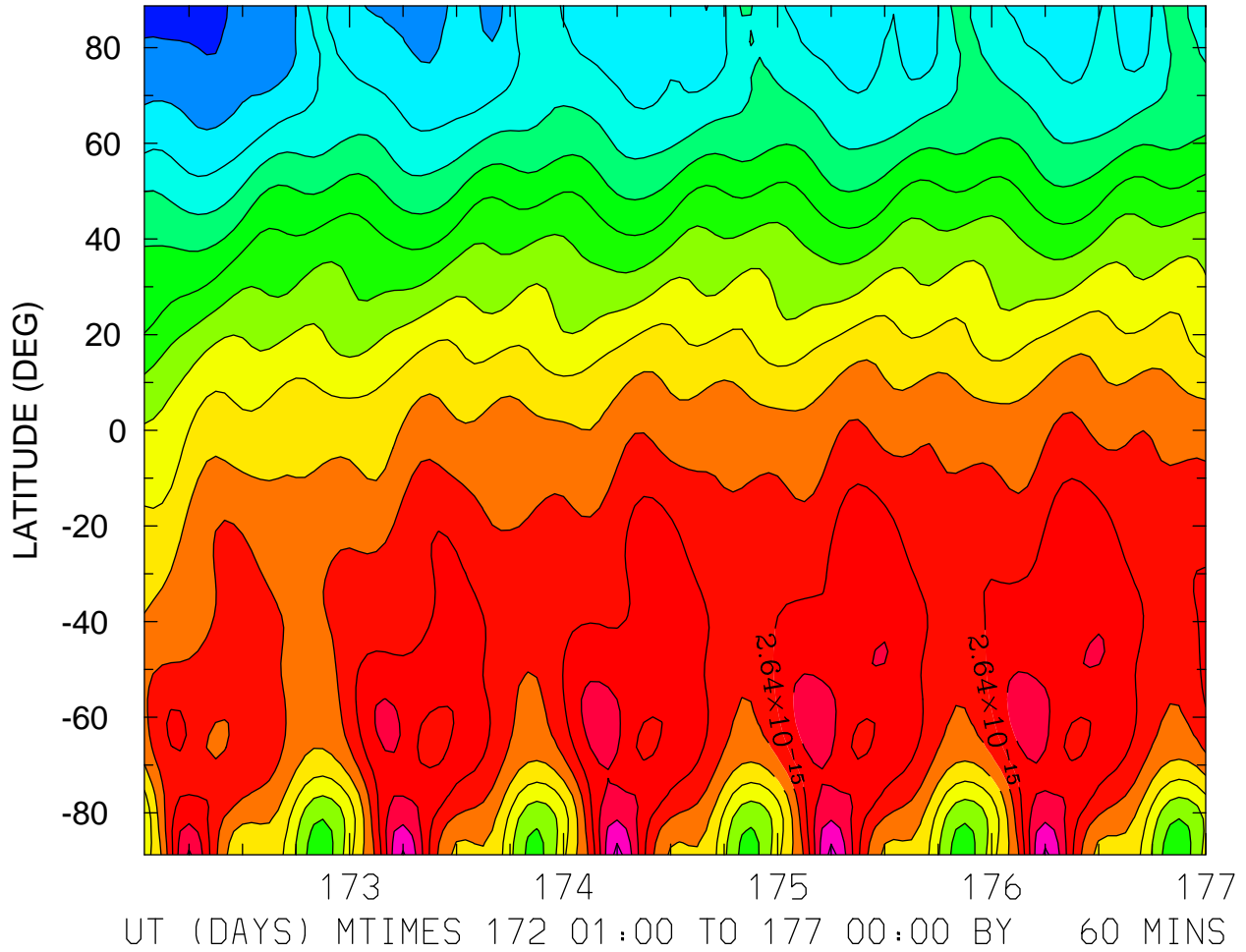
MIN,MAX= 2.4176E-15 2.8556E-15 INTERVAL= 2.5000E-17  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



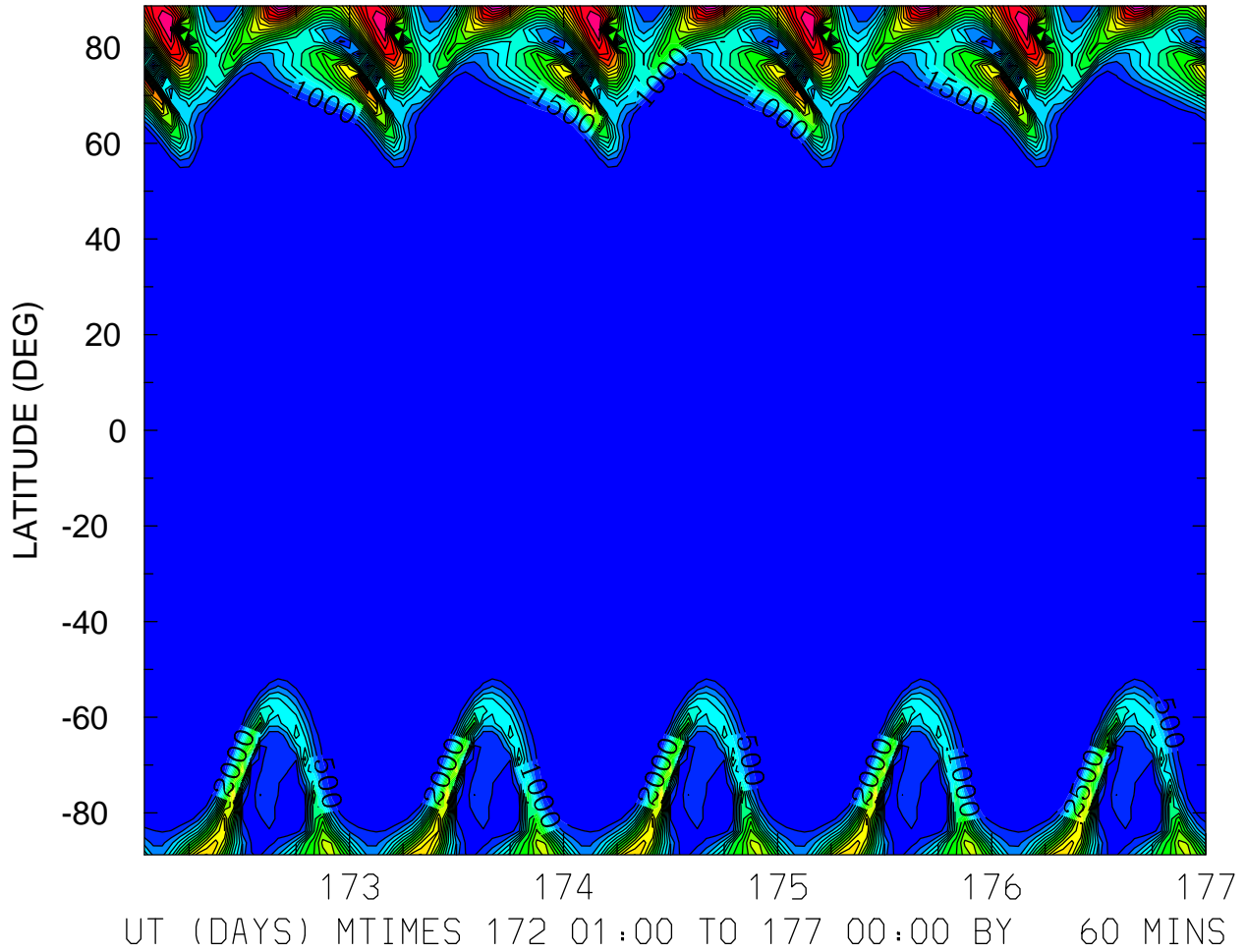
MIN,MAX= 2.3824E-15 2.6995E-15 INTERVAL= 2.5000E-17  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



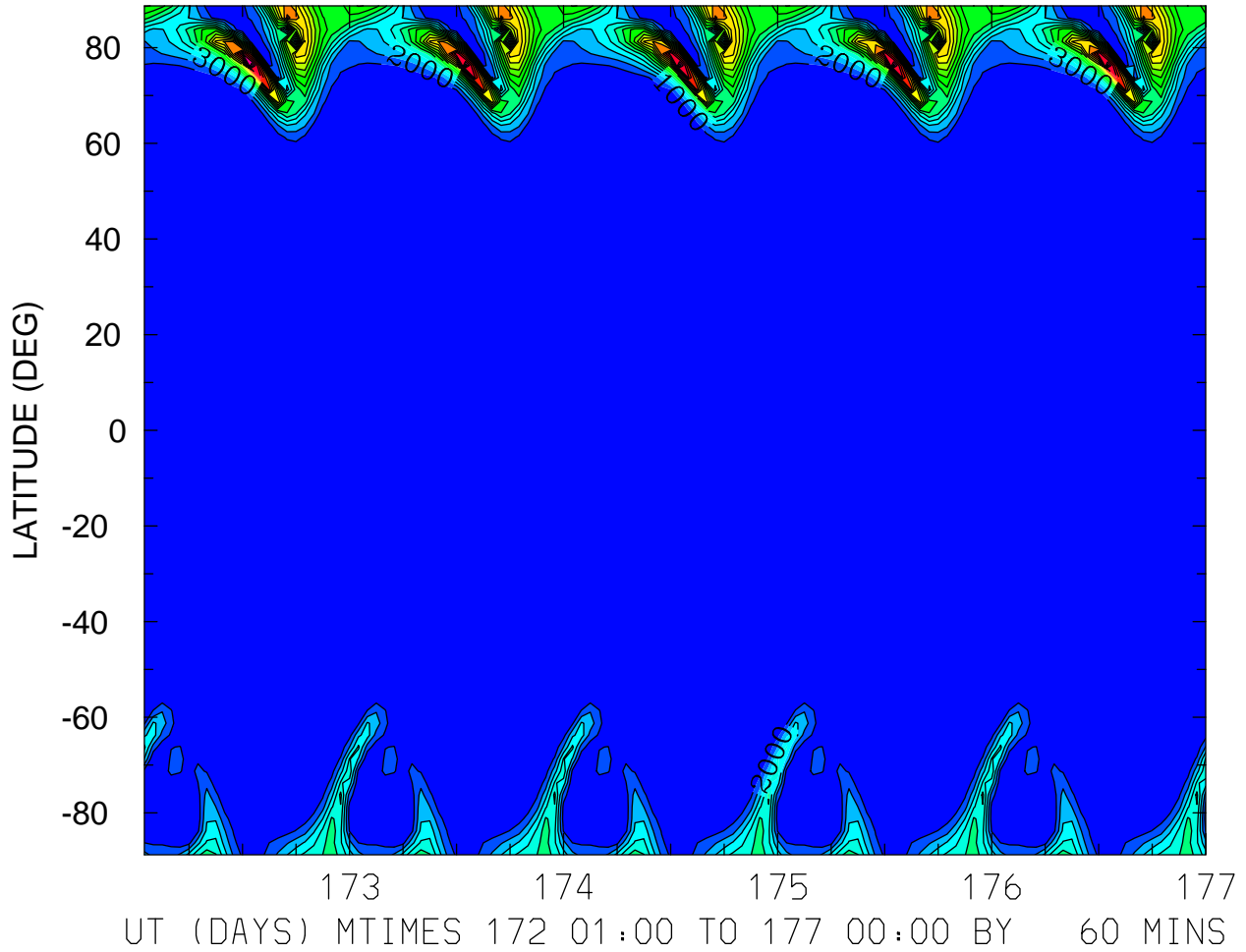
MIN,MAX= 2.4127E-15 2.7060E-15 INTERVAL= 2.0000E-17  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



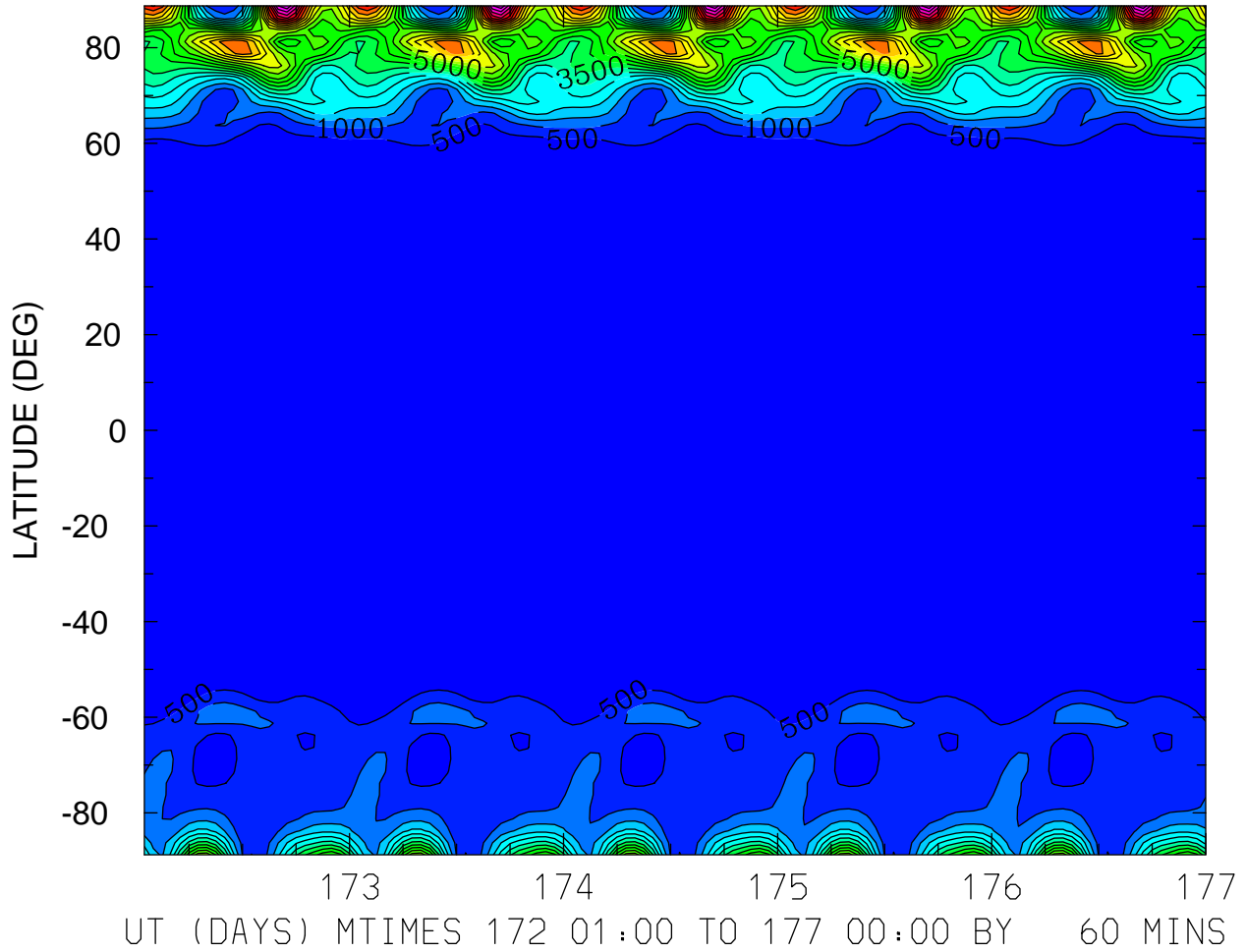
MIN,MAX= 3.1941E-03 1.0700E+04 INTERVAL= 5.0000E+02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



MIN,MAX= 4.7250E-01 1.8059E+04 INTERVAL= 1.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

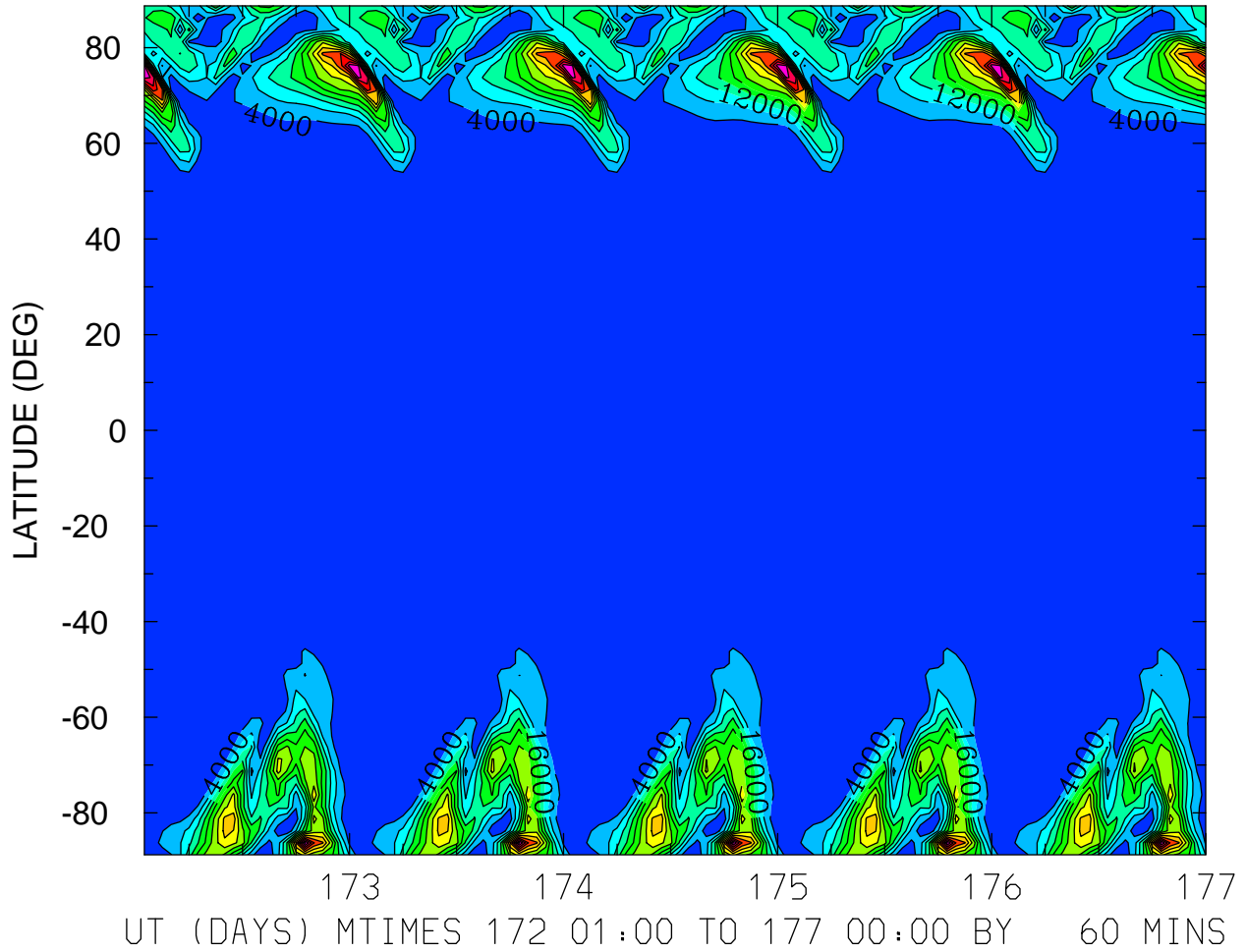
QJOULE: QJOULE: Joule Heating (erg/g/s)  
ZP = -4.125 ZONAL MEANS



MIN,MAX= 1.1590E+01 1.1456E+04 INTERVAL= 5.0000E+02  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

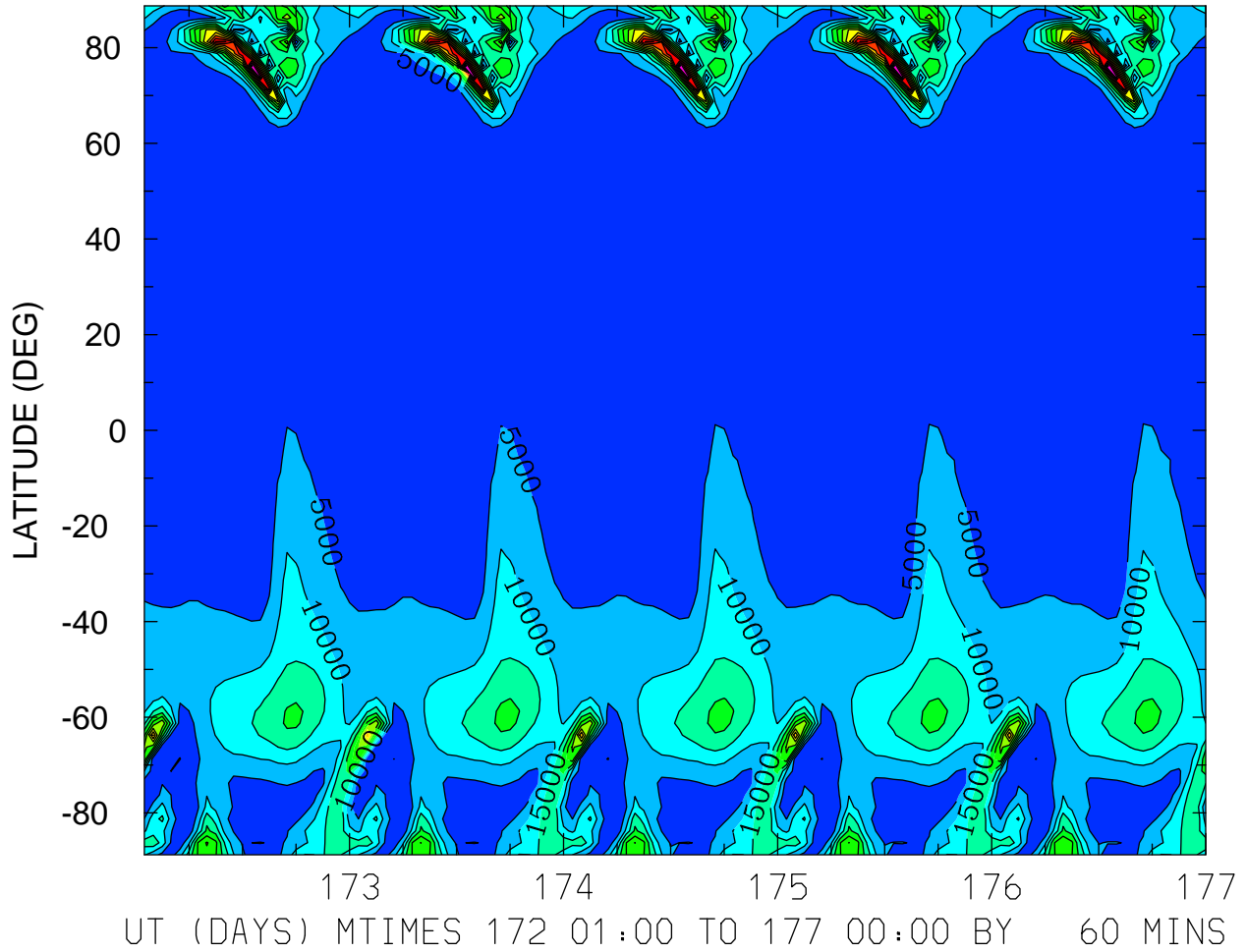


QJOULE: QJOULE: Joule Heating (erg/g/s)  
ZP = -0.125 LOCAL TIME = 0.00



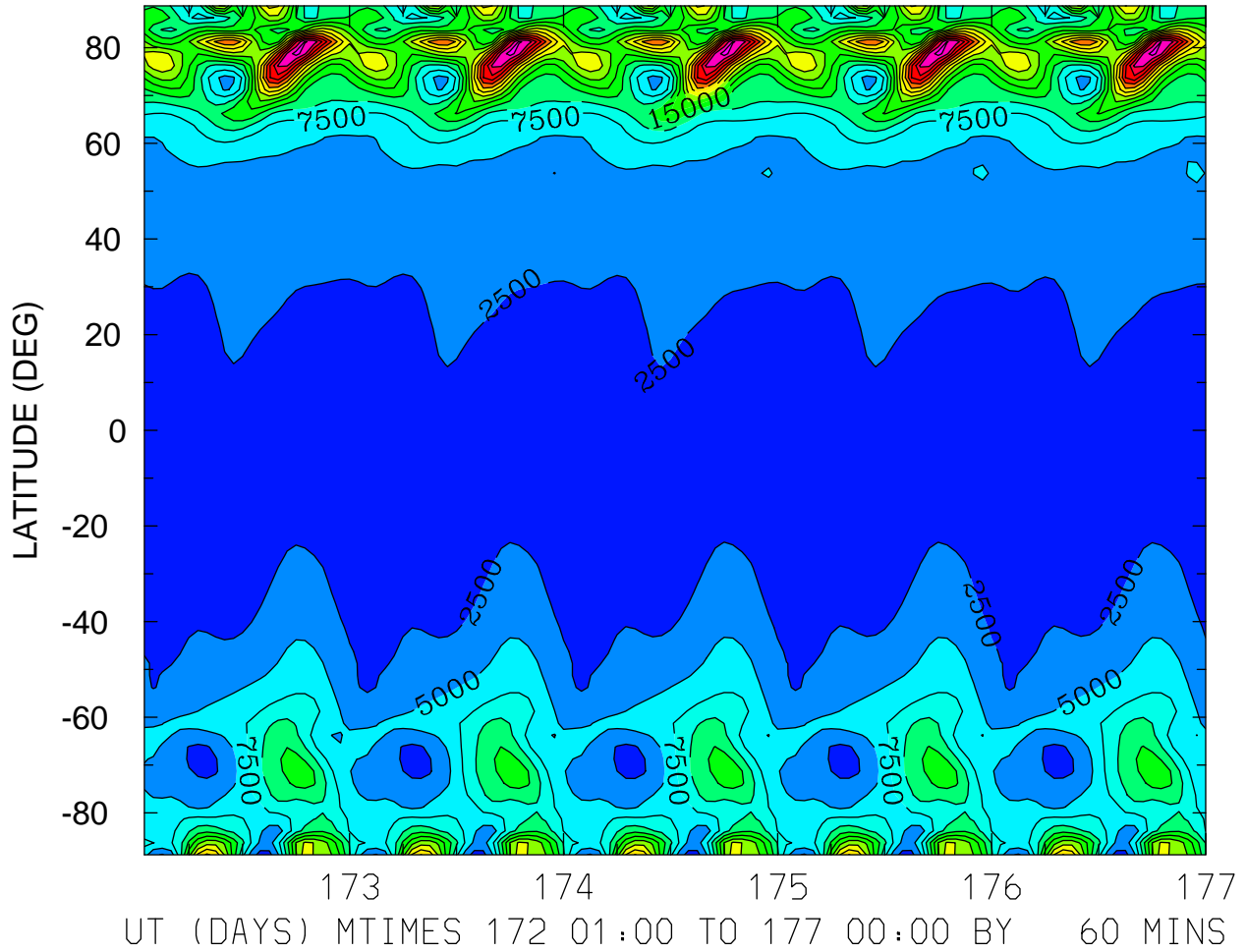
MIN,MAX= 3.7341E+00 5.2984E+04 INTERVAL= 4.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



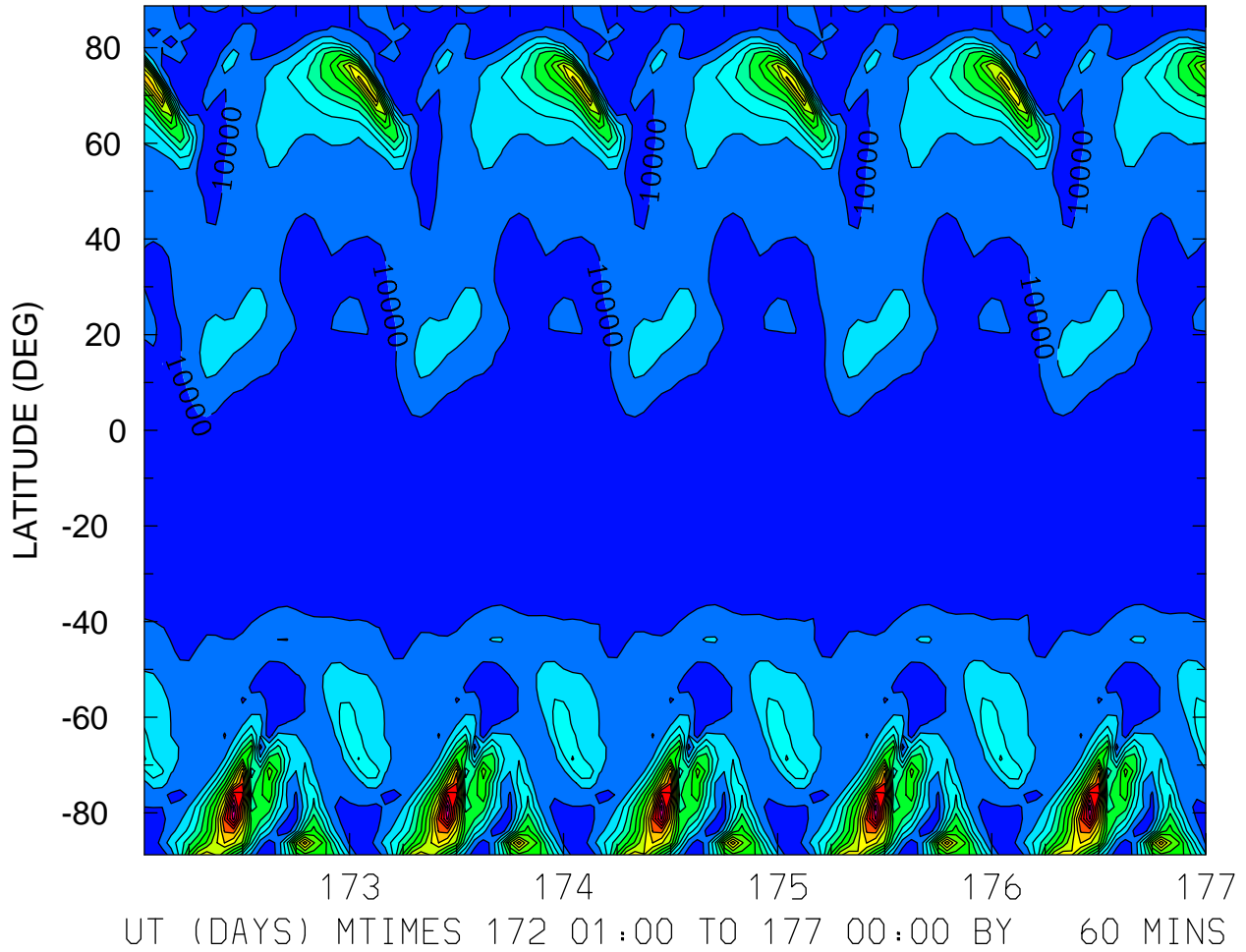
MIN,MAX= 5.4497E+01 6.9219E+04 INTERVAL= 5.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



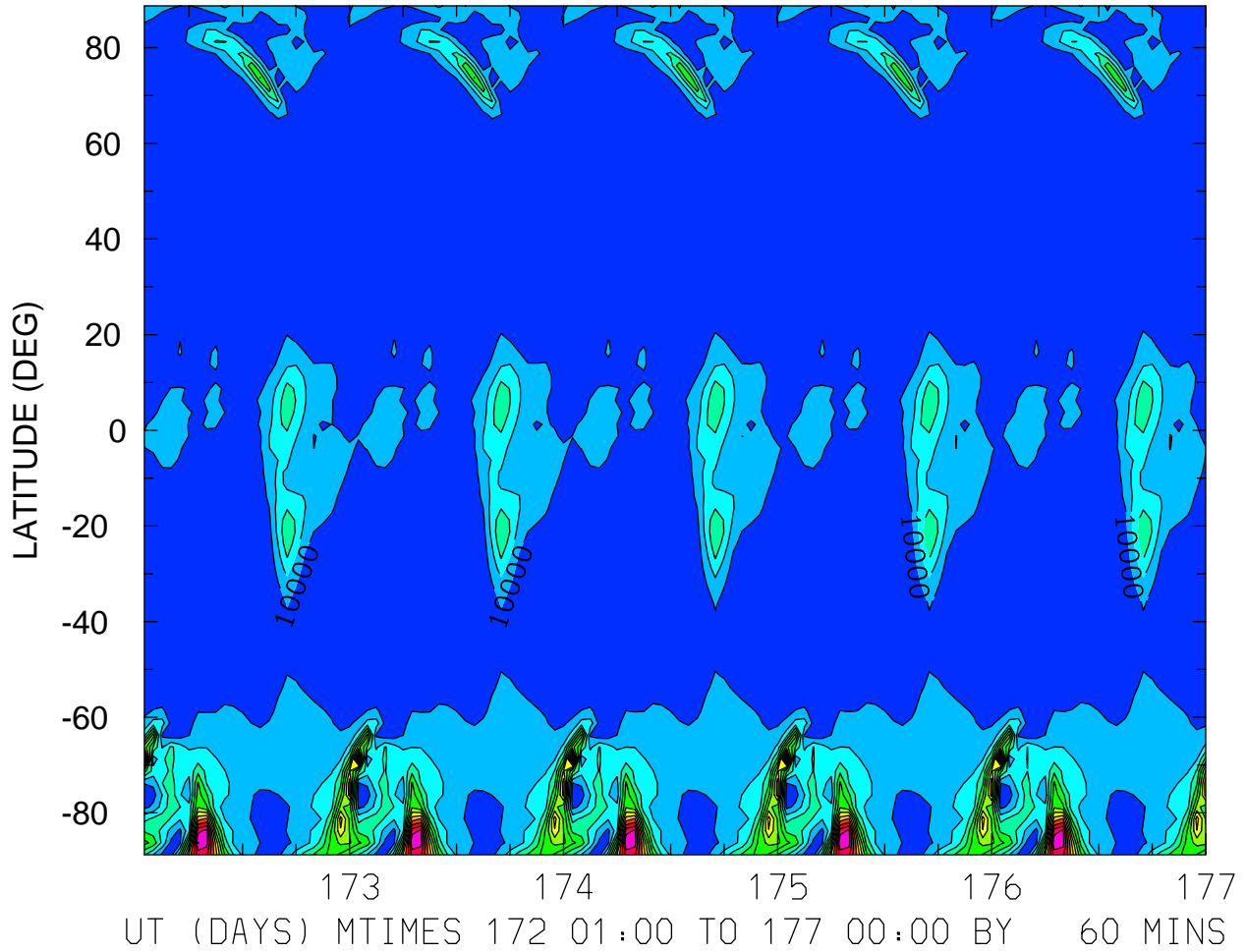
MIN,MAX= 5.8978E+02 3.8940E+04 INTERVAL= 2.5000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



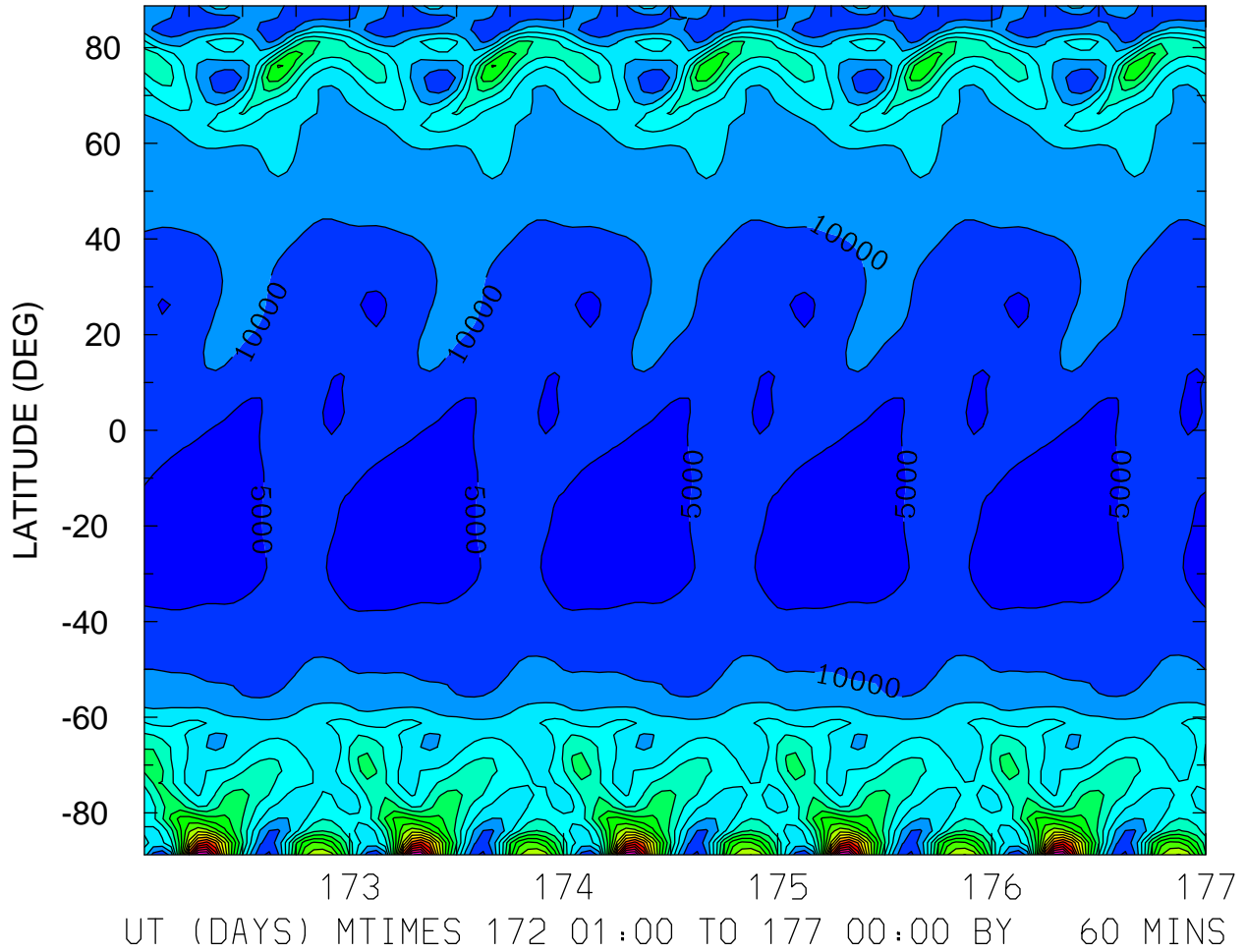
MIN,MAX= 7.6676E+01 1.6442E+05 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



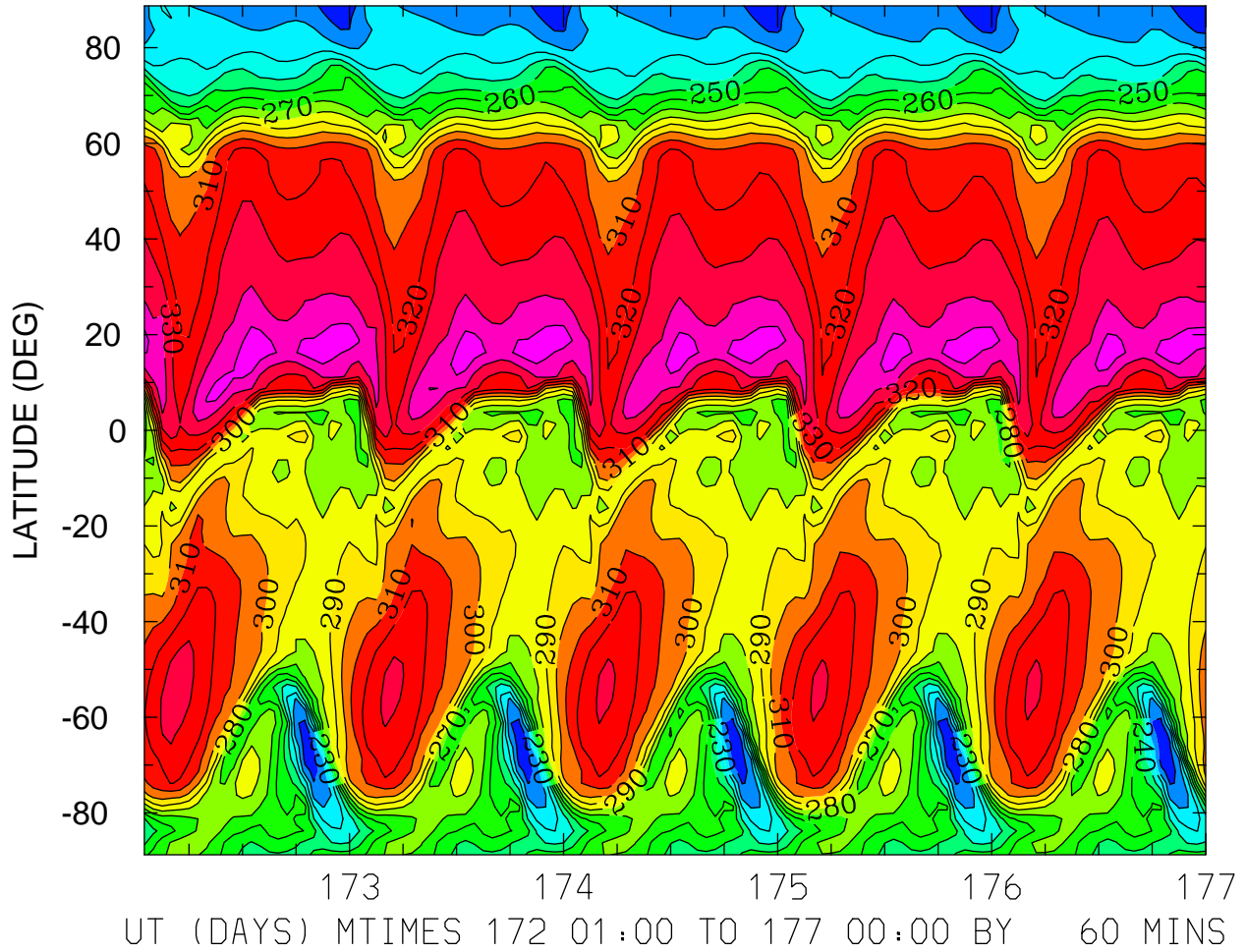
MIN,MAX= 8.5925E+01 1.3072E+05 INTERVAL= 1.0000E+04  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



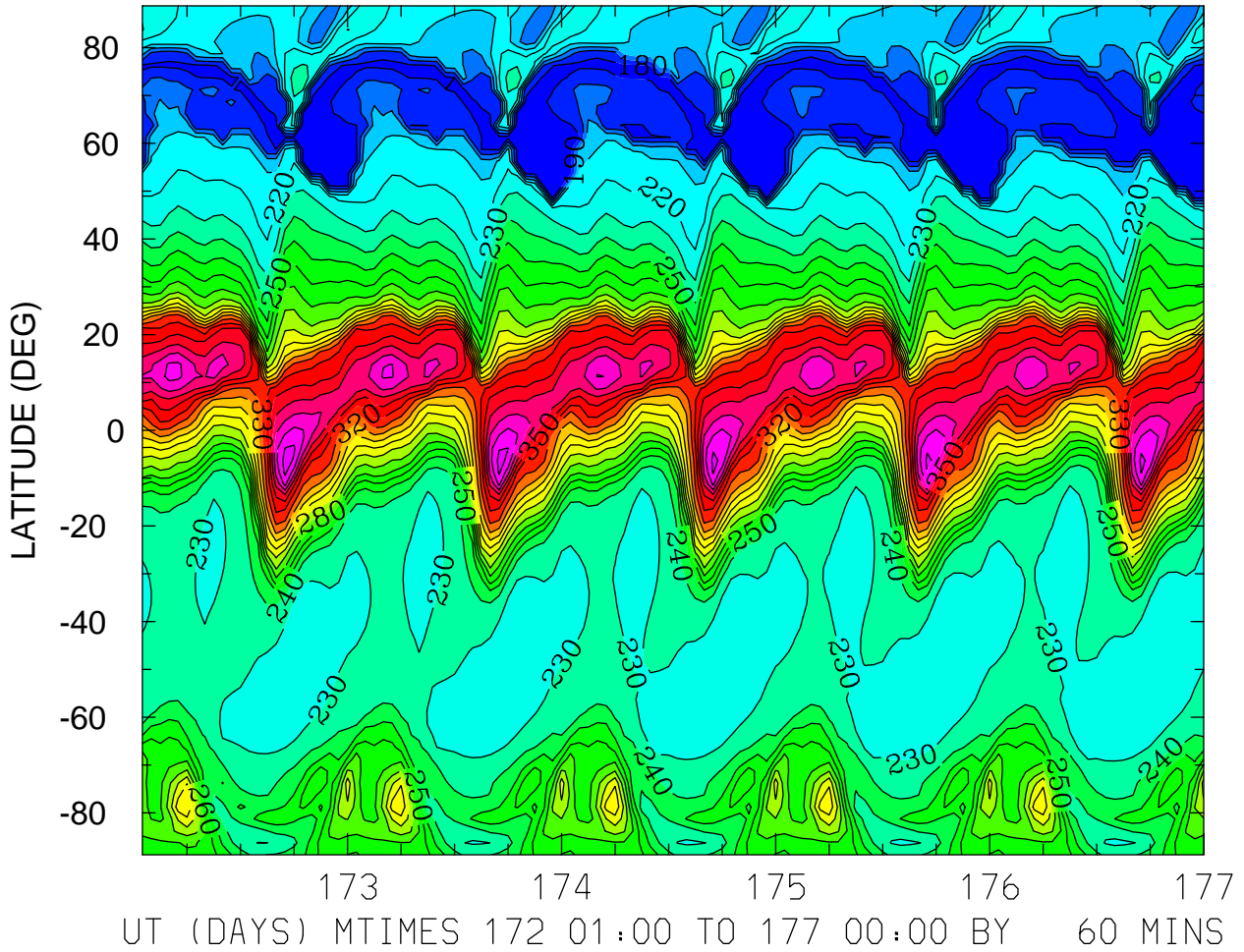
MIN,MAX= 2.1074E+03 1.0174E+05 INTERVAL= 5.0000E+03  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

HMF2 (KM)  
LOCAL TIME = 0.00



MIN,MAX= 2.0027E+02 3.5941E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

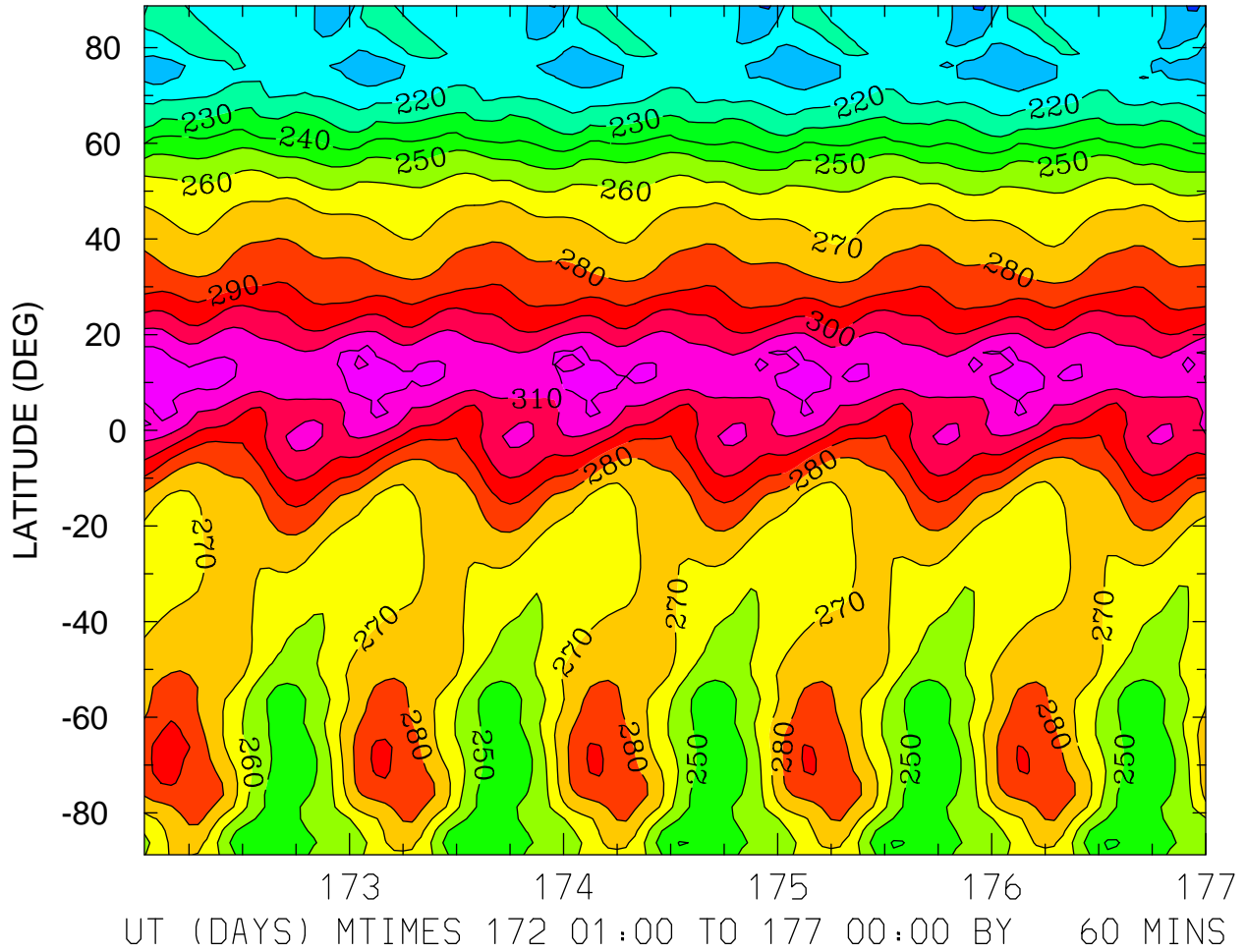
HMF2 (KM)  
LOCAL TIME = 12.00



MIN,MAX= 1.7565E+02 3.9411E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

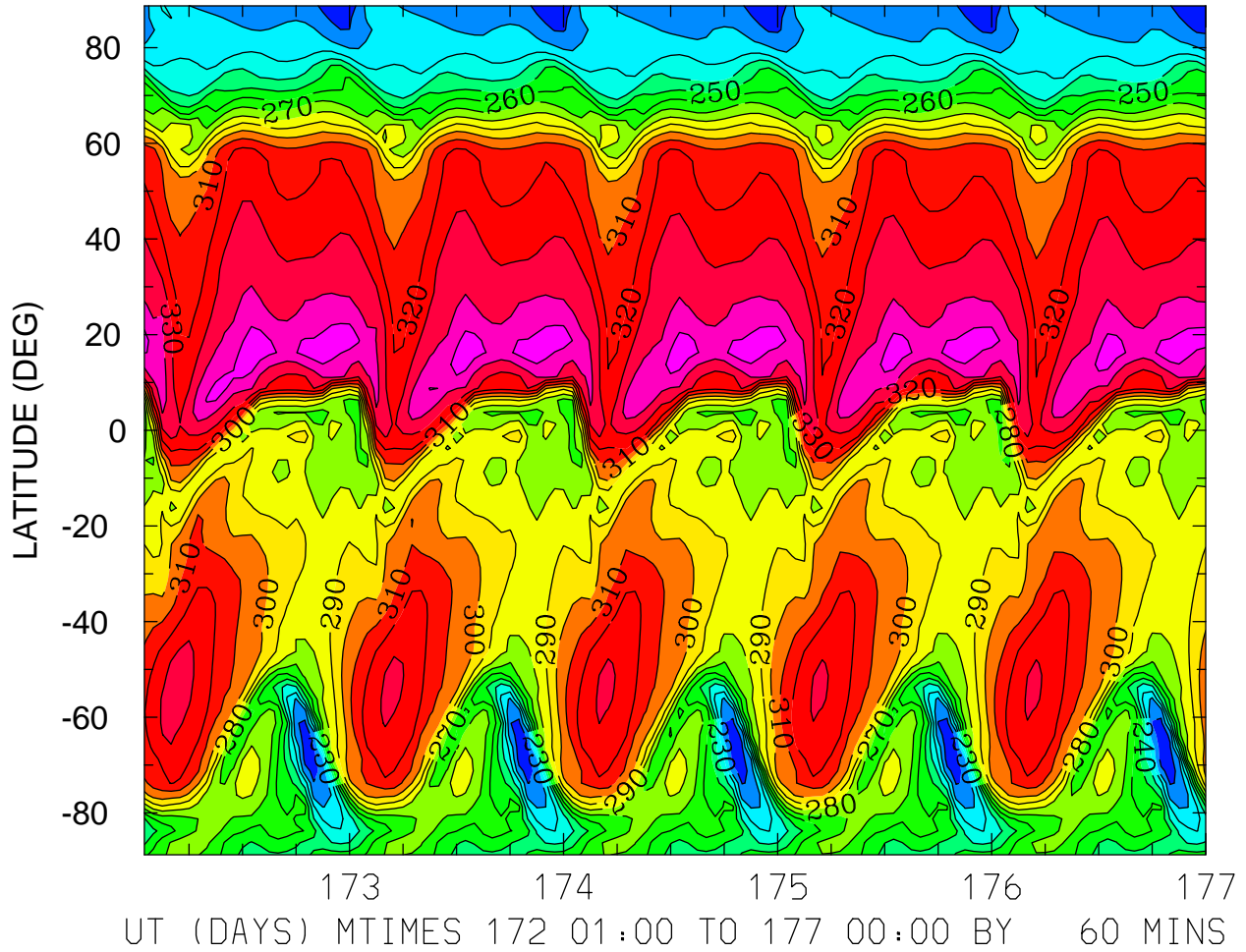


HMF2 (KM)  
ZONAL MEANS



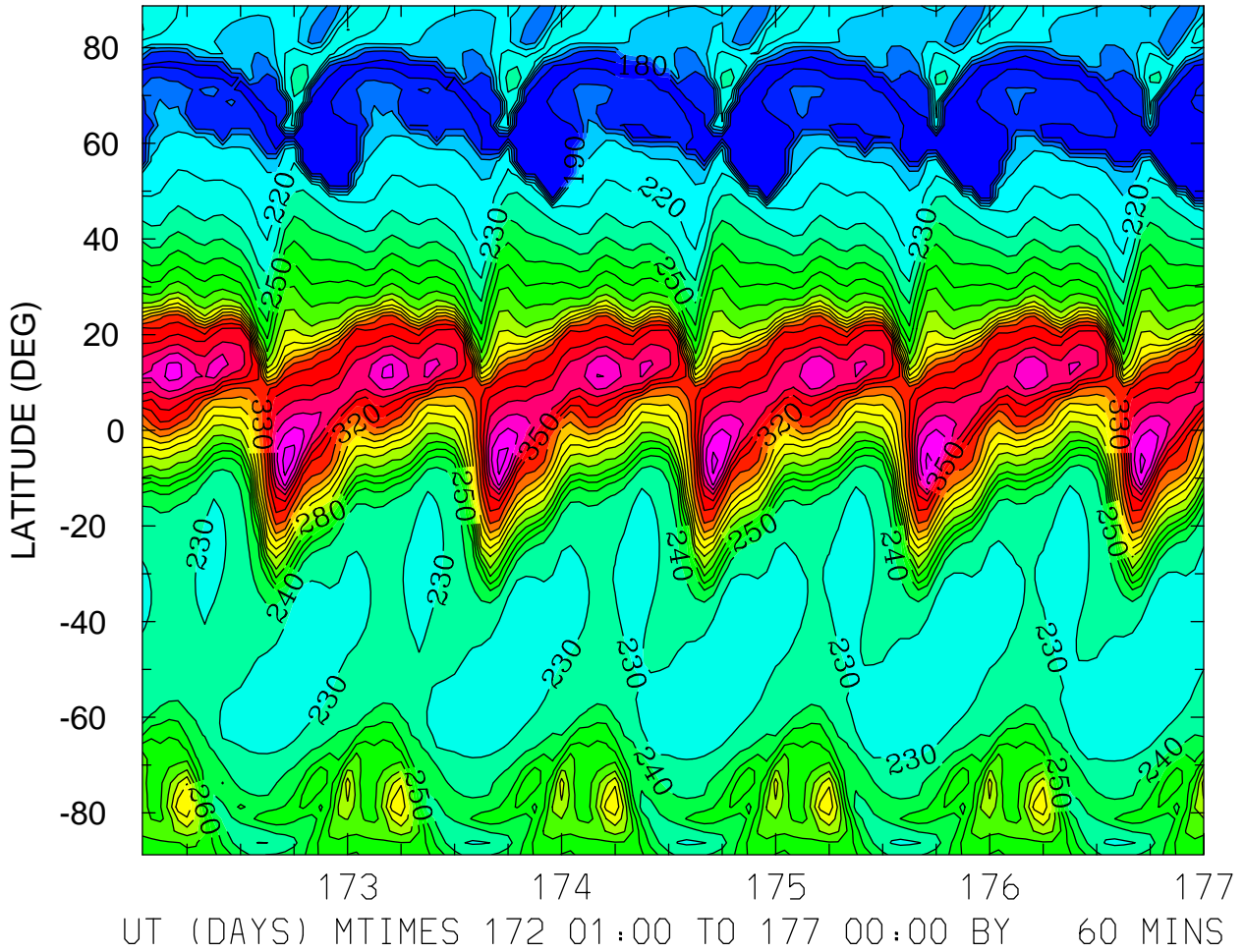
MIN,MAX= 1.9880E+02 3.2829E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

HMF2 (KM)  
LOCAL TIME = 0.00



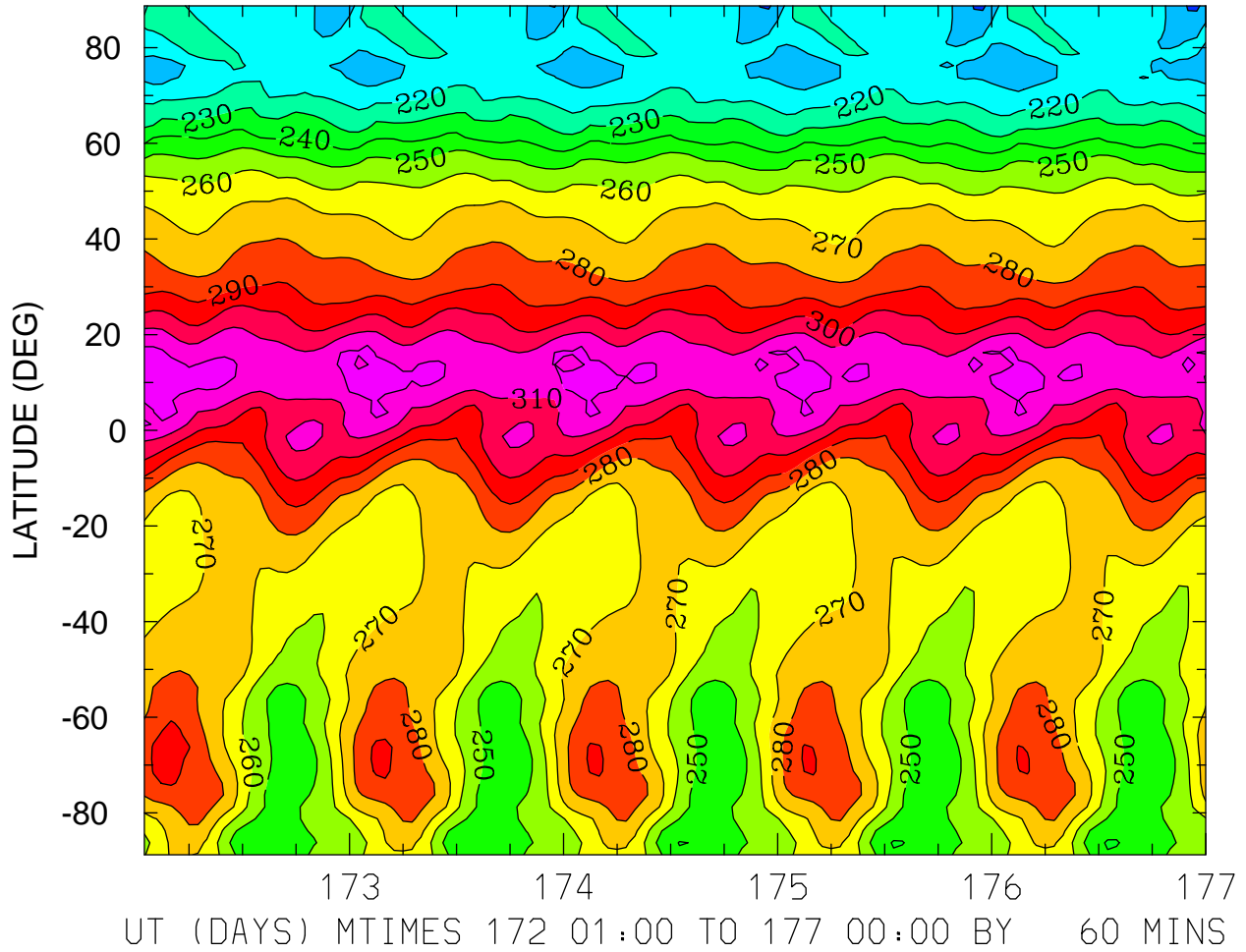
MIN,MAX= 2.0027E+02 3.5941E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

HMF2 (KM)  
LOCAL TIME = 12.00



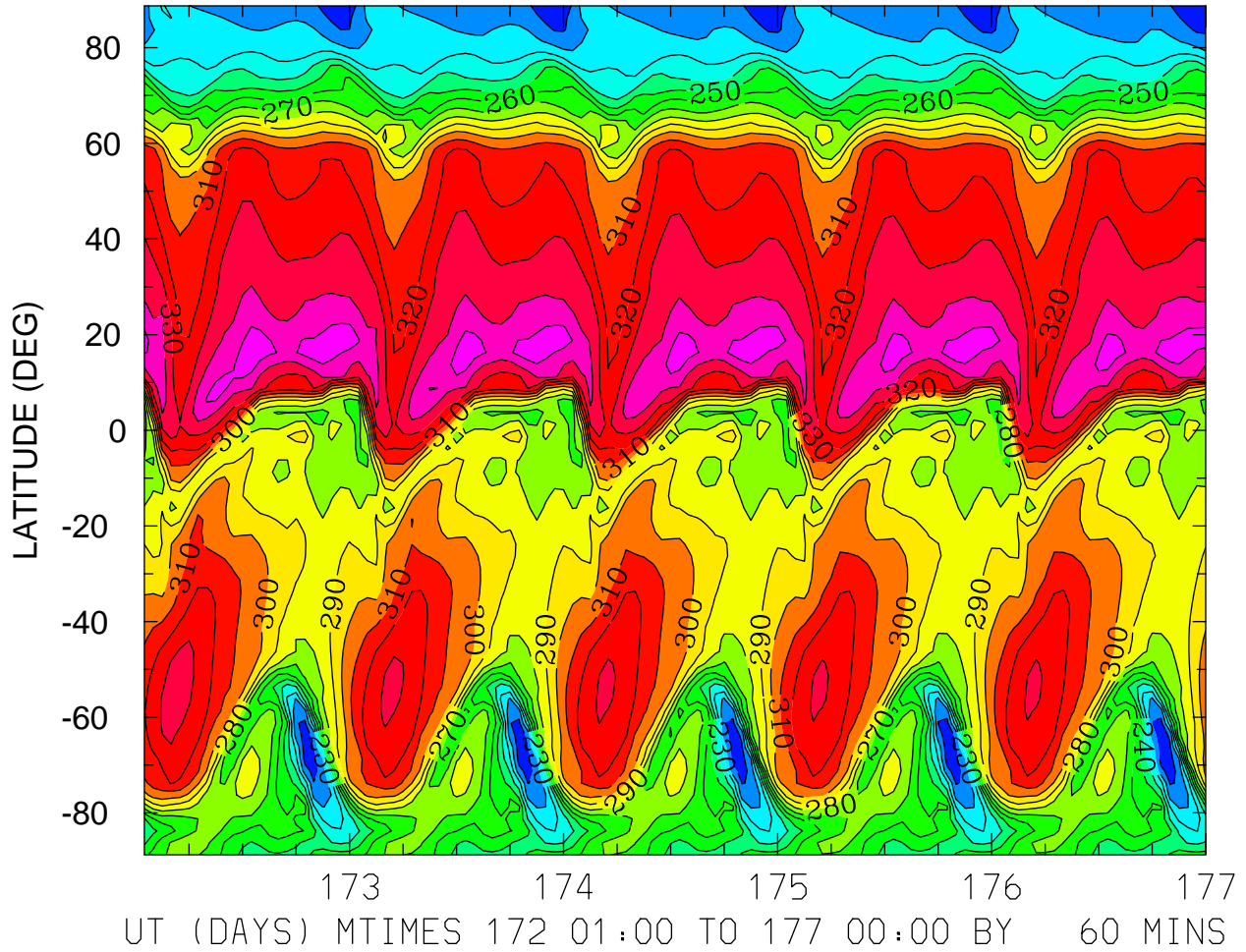
MIN,MAX= 1.7565E+02 3.9411E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

HMF2 (KM)  
ZONAL MEANS

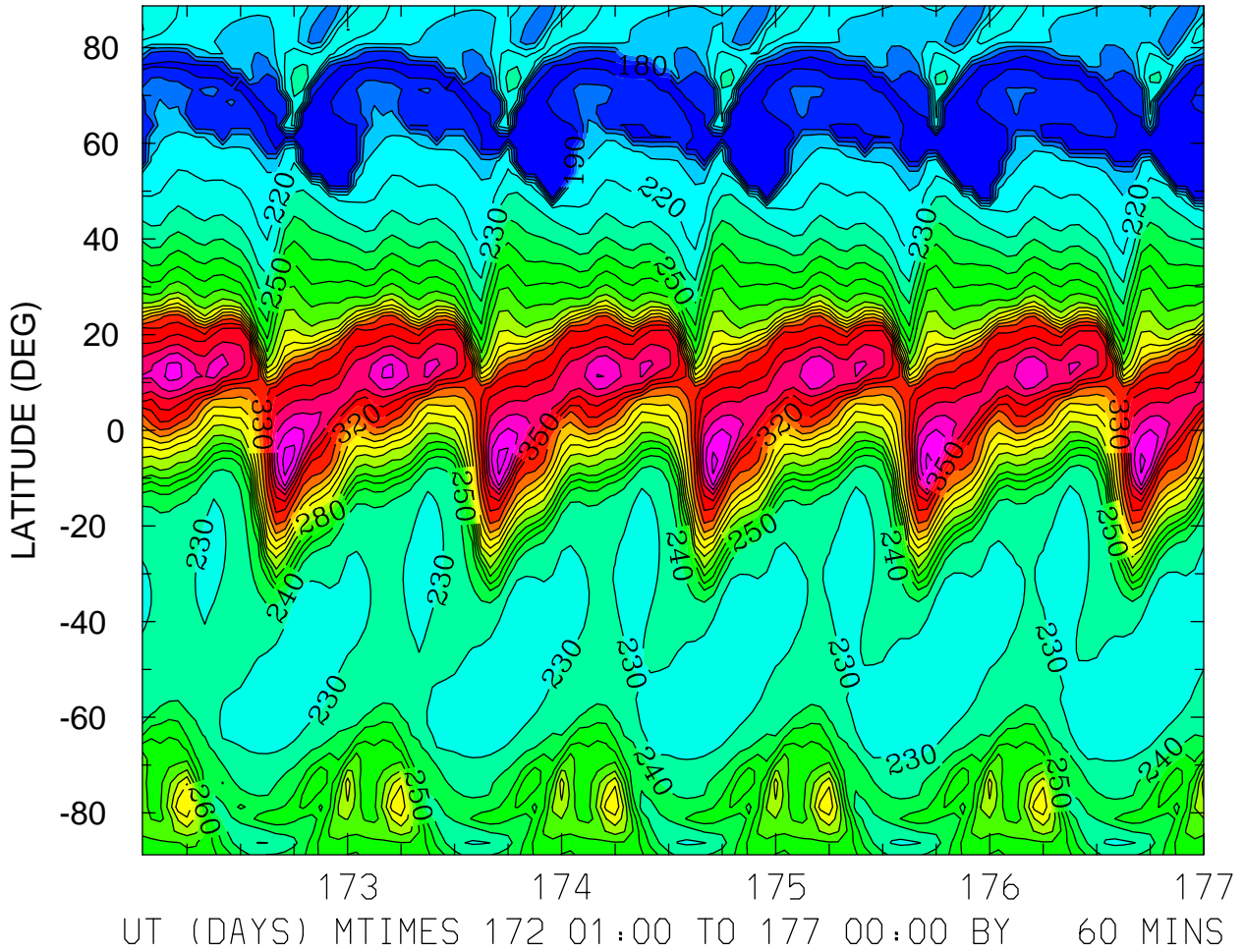


MIN,MAX= 1.9880E+02 3.2829E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

HMF2 (KM)  
LOCAL TIME = 0.00

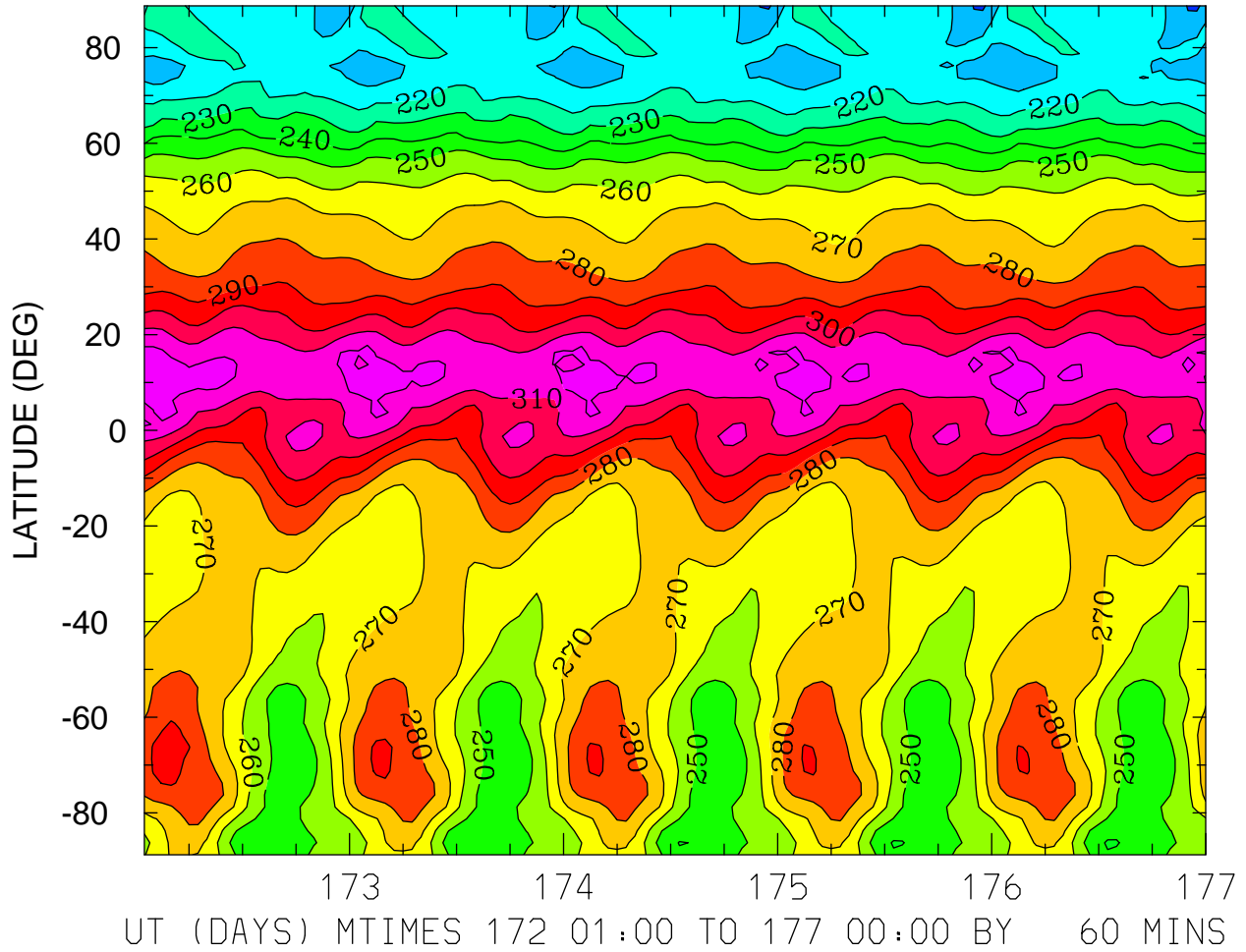


HMF2 (KM)  
LOCAL TIME = 12.00



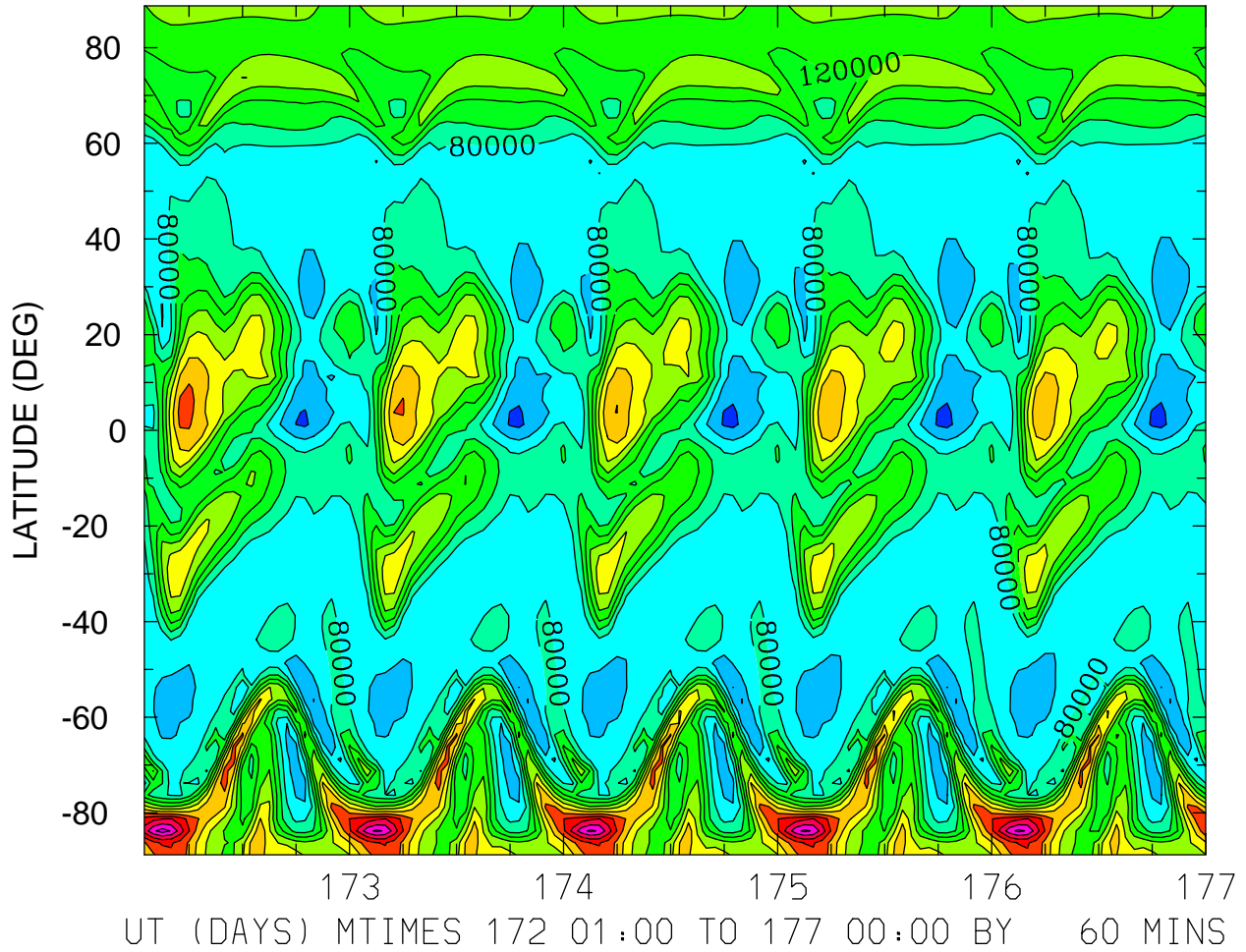
MIN,MAX= 1.7565E+02 3.9411E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

HMF2 (KM)  
ZONAL MEANS



MIN,MAX= 1.9880E+02 3.2829E+02 INTERVAL= 1.0000E+01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

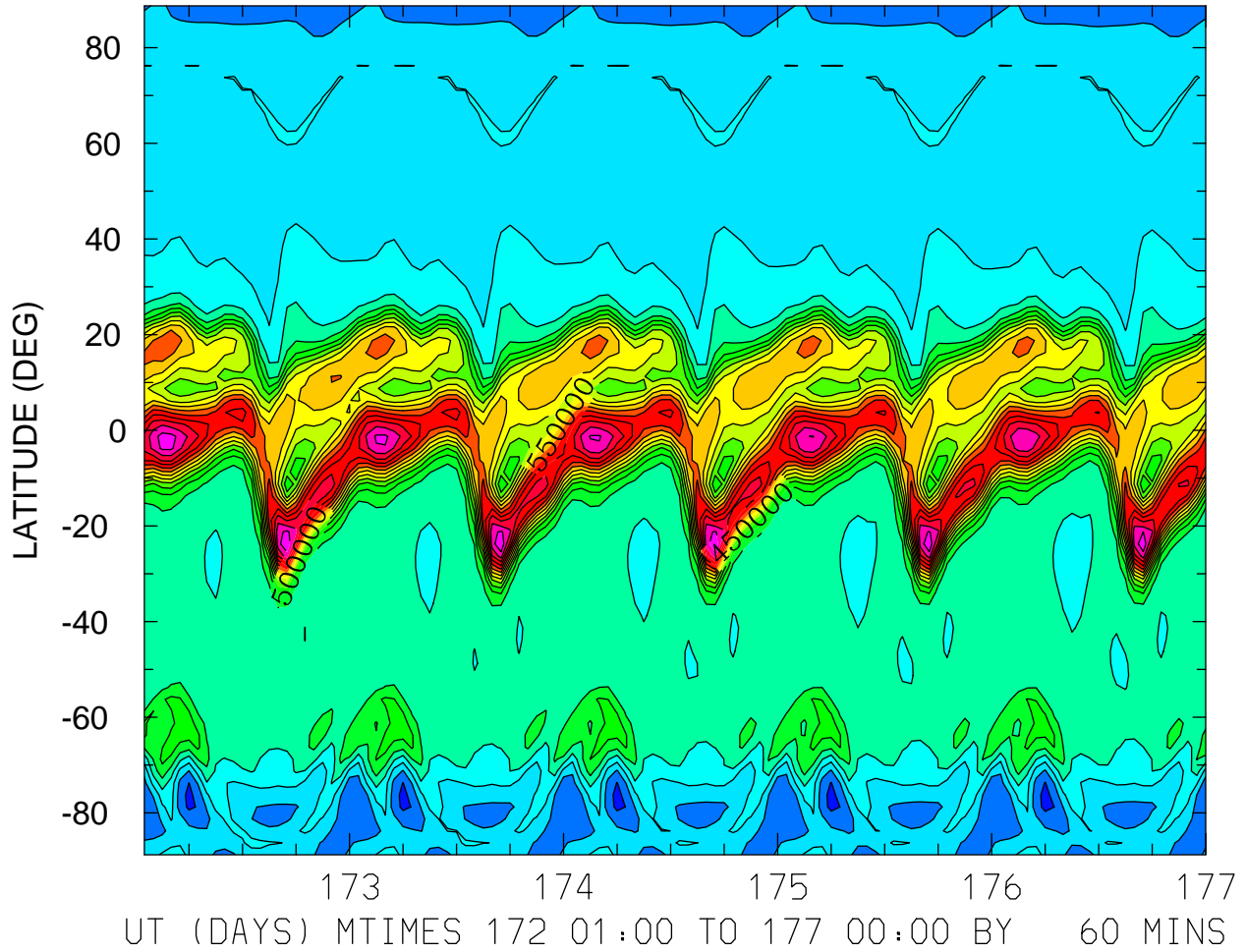
NMF2 ( )  
LOCAL TIME = 0.00



MIN,MAX= 3.4671E+04 2.8872E+05 INTERVAL= 2.0000E+04  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

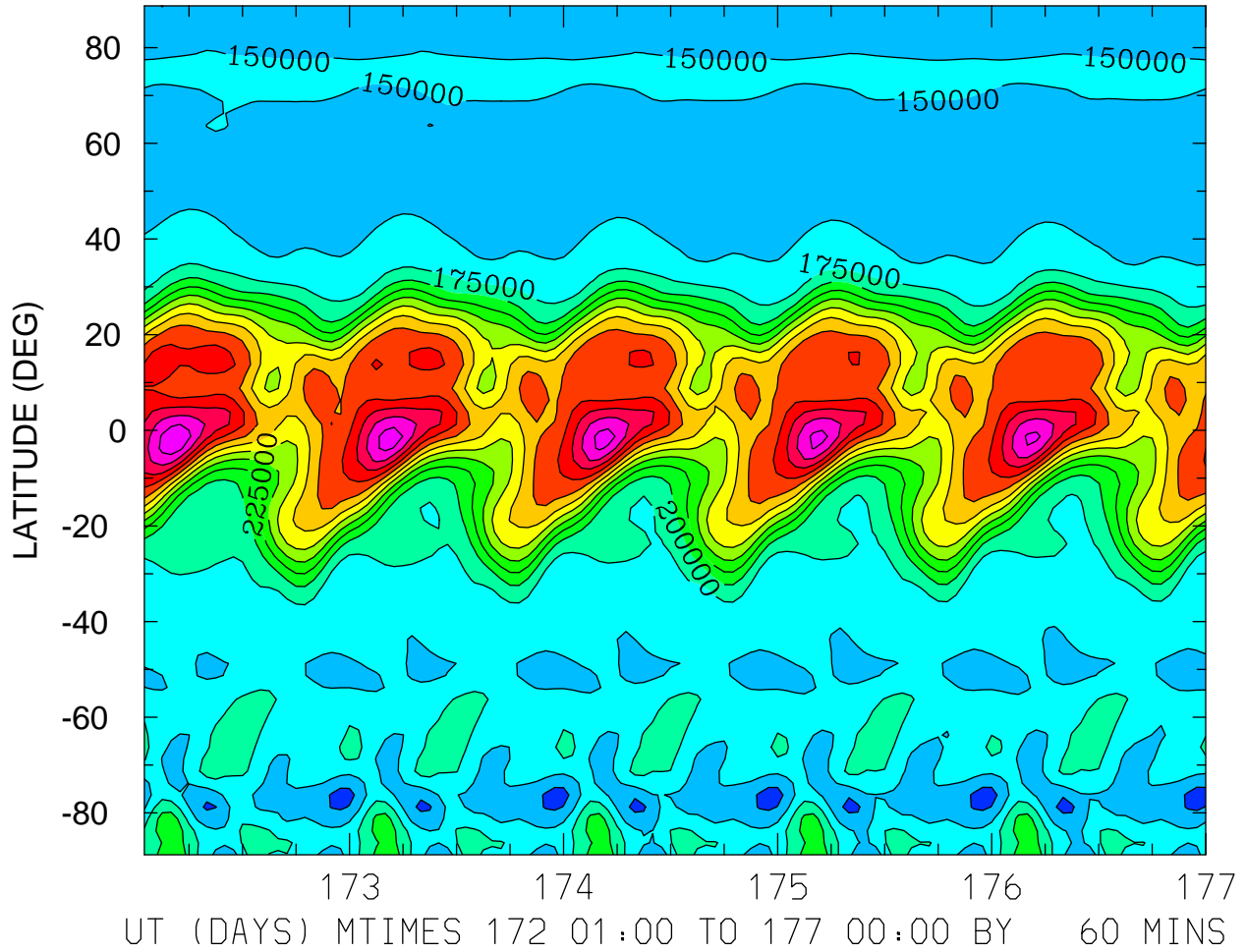


NMF2 ( )  
LOCAL TIME = 12.00



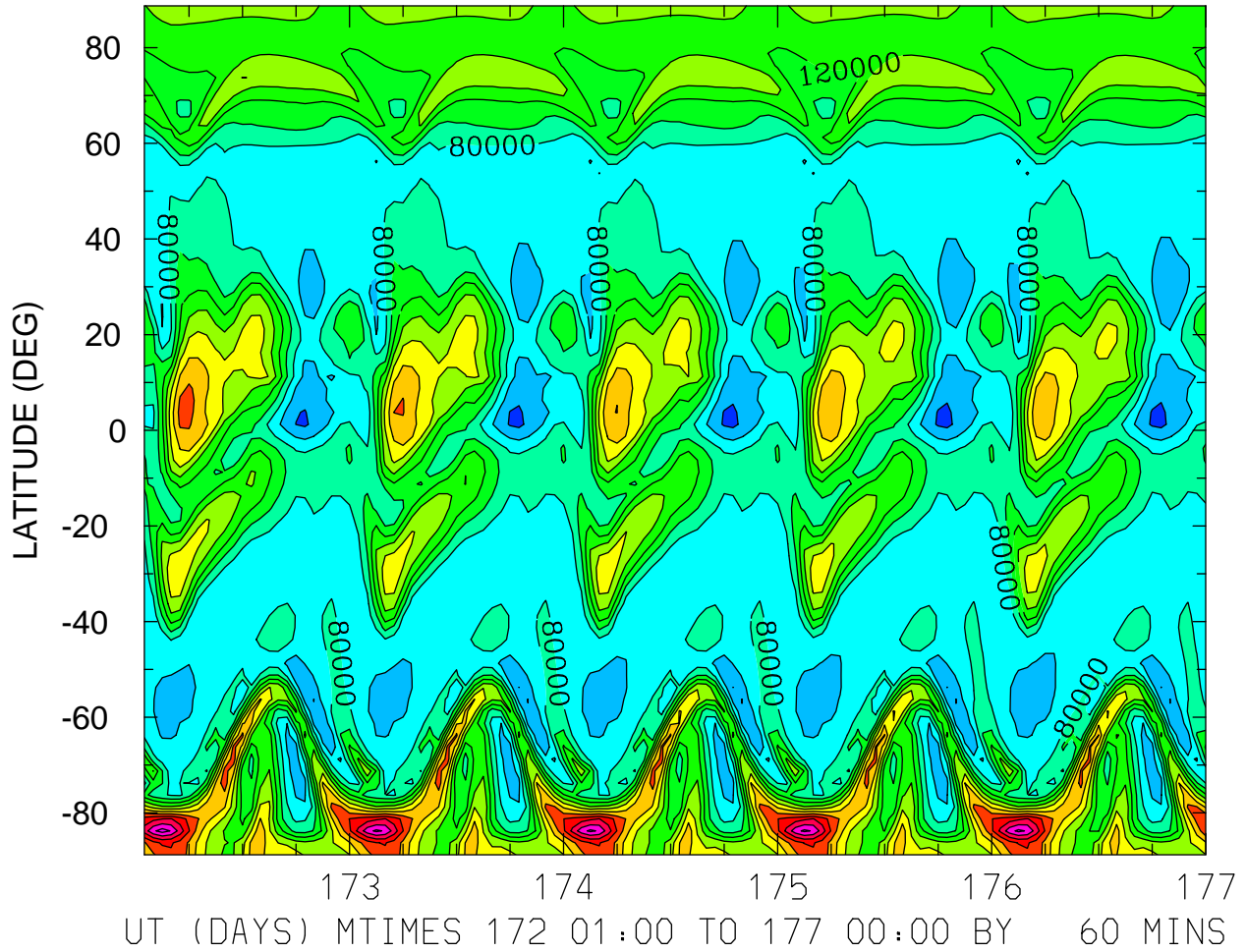
MIN,MAX= 8.3341E+04 8.9843E+05 INTERVAL= 5.0000E+04  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

NMF2 ( )  
ZONAL MEANS



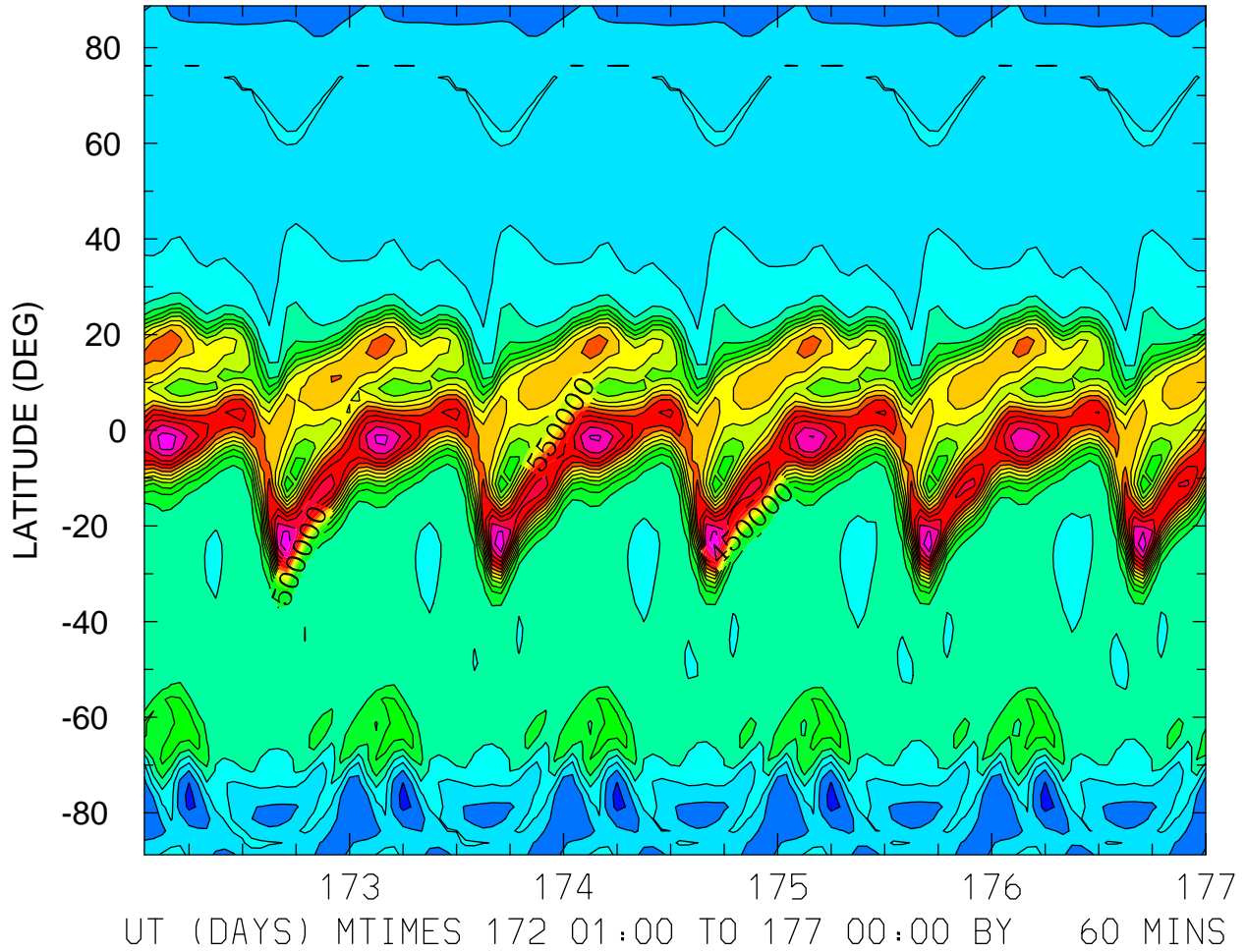
MIN,MAX= 1.1215E+05 4.4326E+05 INTERVAL= 2.5000E+04  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

NMF2 ( )  
LOCAL TIME = 0.00



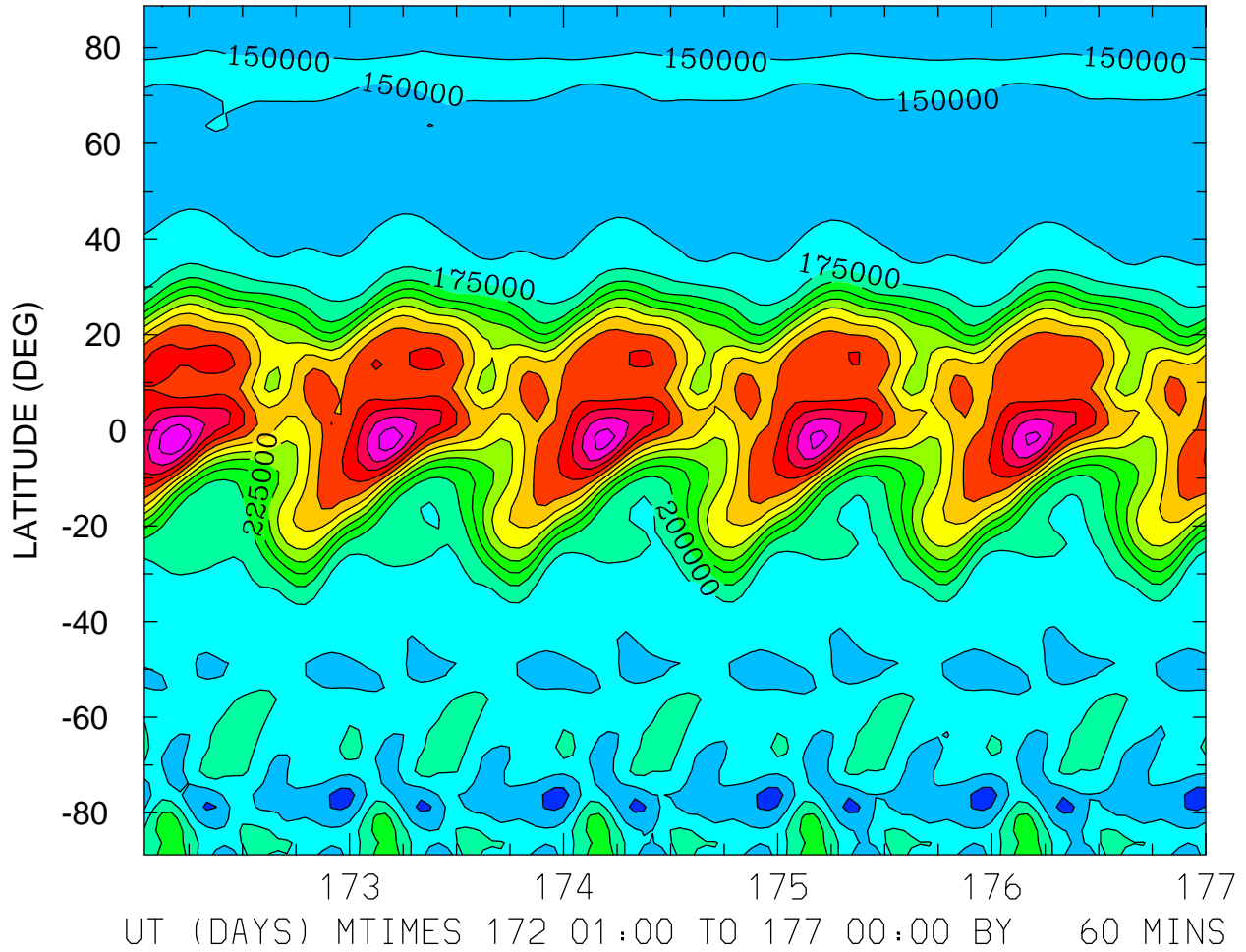
MIN,MAX= 3.4671E+04 2.8872E+05 INTERVAL= 2.0000E+04  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

NMF2 ( )  
LOCAL TIME = 12.00



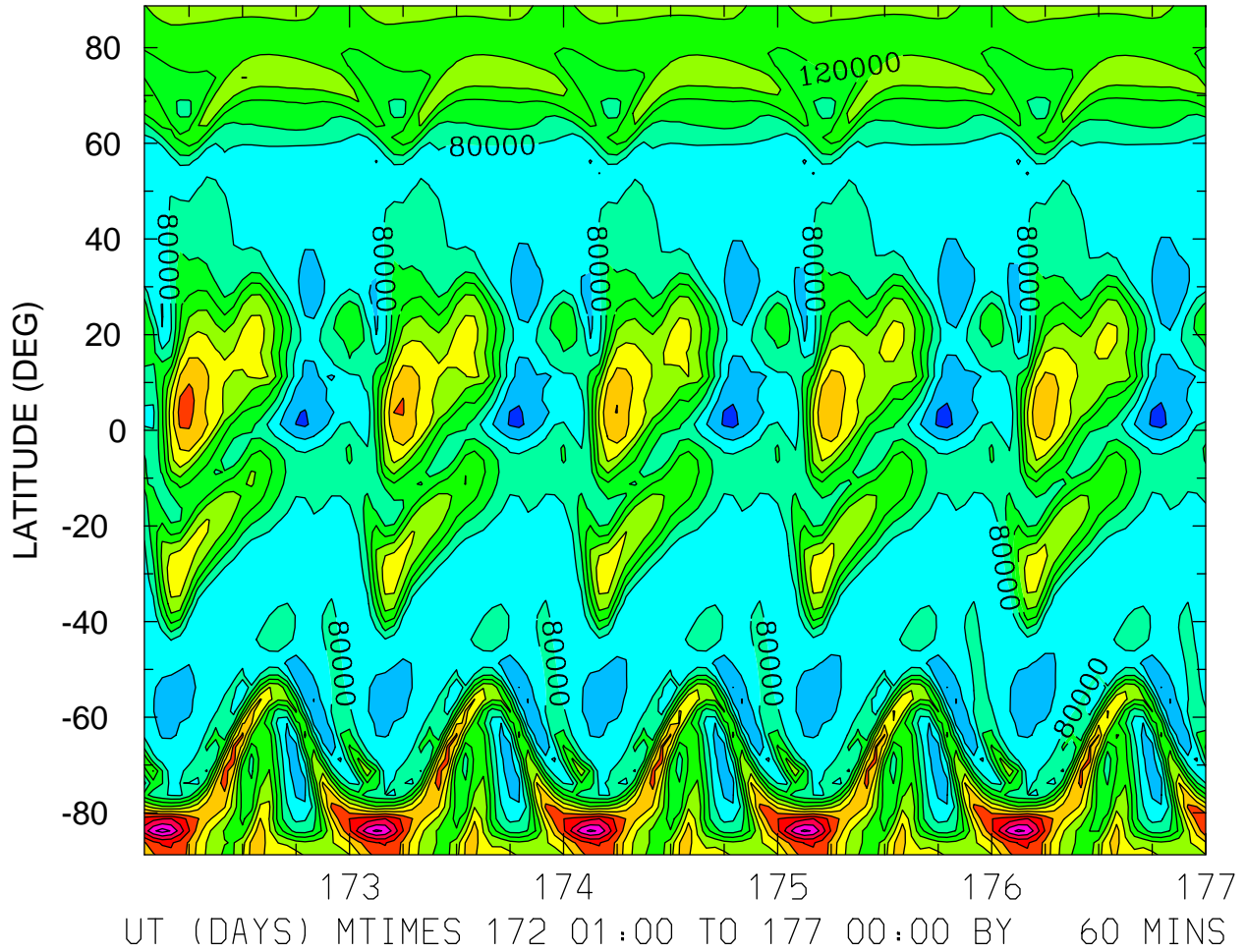
MIN,MAX= 8.3341E+04 8.9843E+05 INTERVAL= 5.0000E+04  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

NMF2 ( )  
ZONAL MEANS



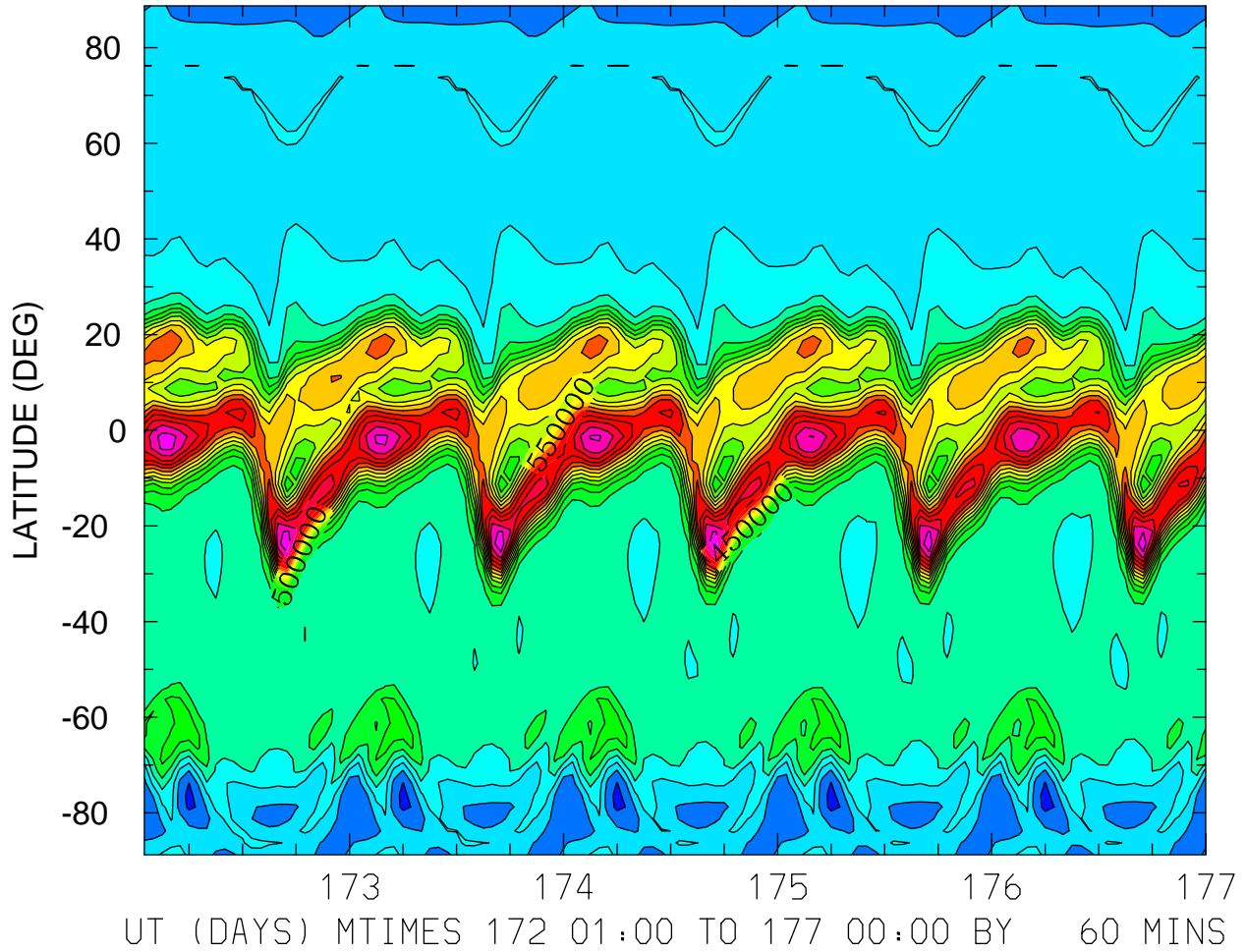
MIN,MAX= 1.1215E+05 4.4326E+05 INTERVAL= 2.5000E+04  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

NMF2 ( )  
LOCAL TIME = 0.00



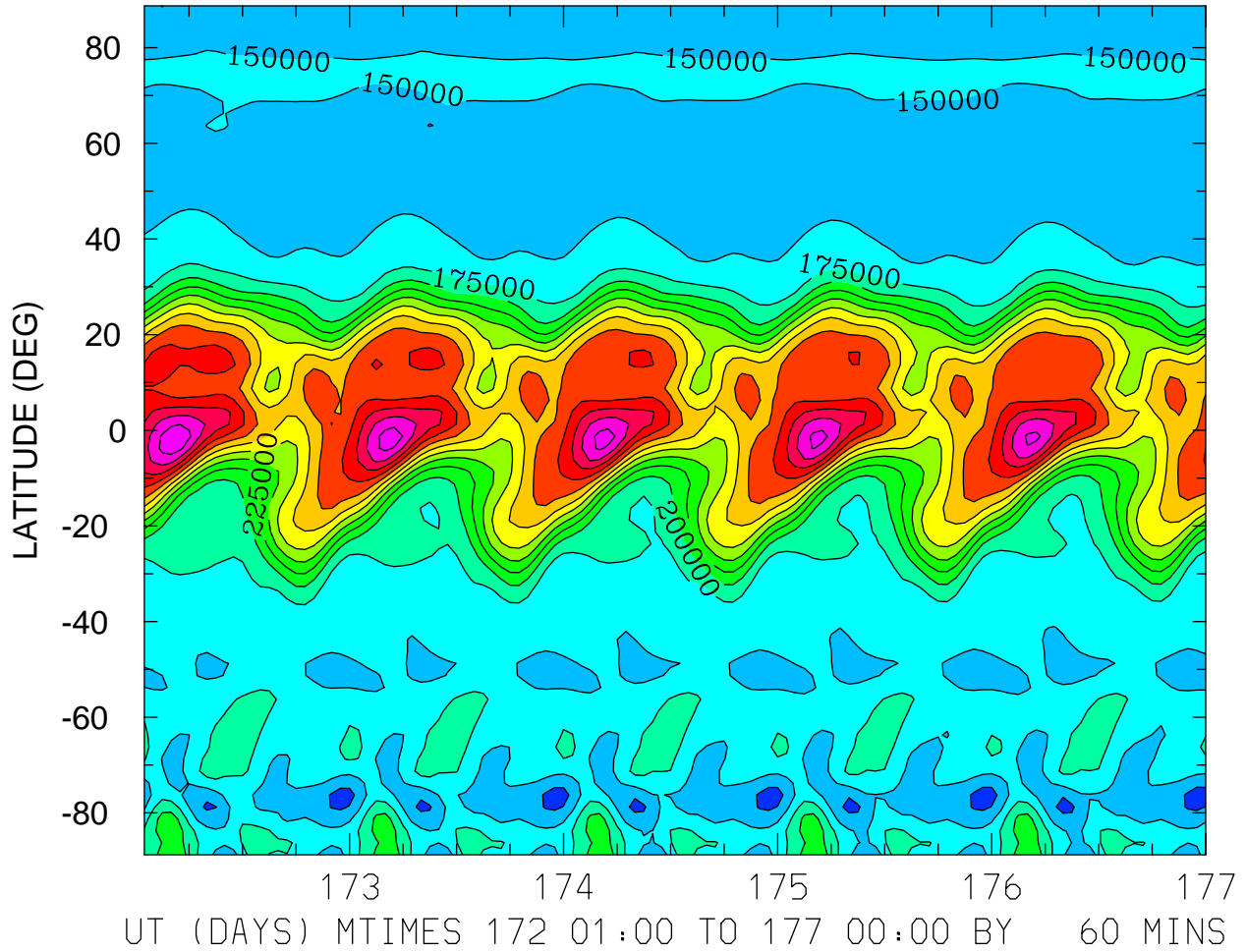
MIN,MAX= 3.4671E+04 2.8872E+05 INTERVAL= 2.0000E+04  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

NMF2 ( )  
LOCAL TIME = 12.00



MIN,MAX= 8.3341E+04 8.9843E+05 INTERVAL= 5.0000E+04  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

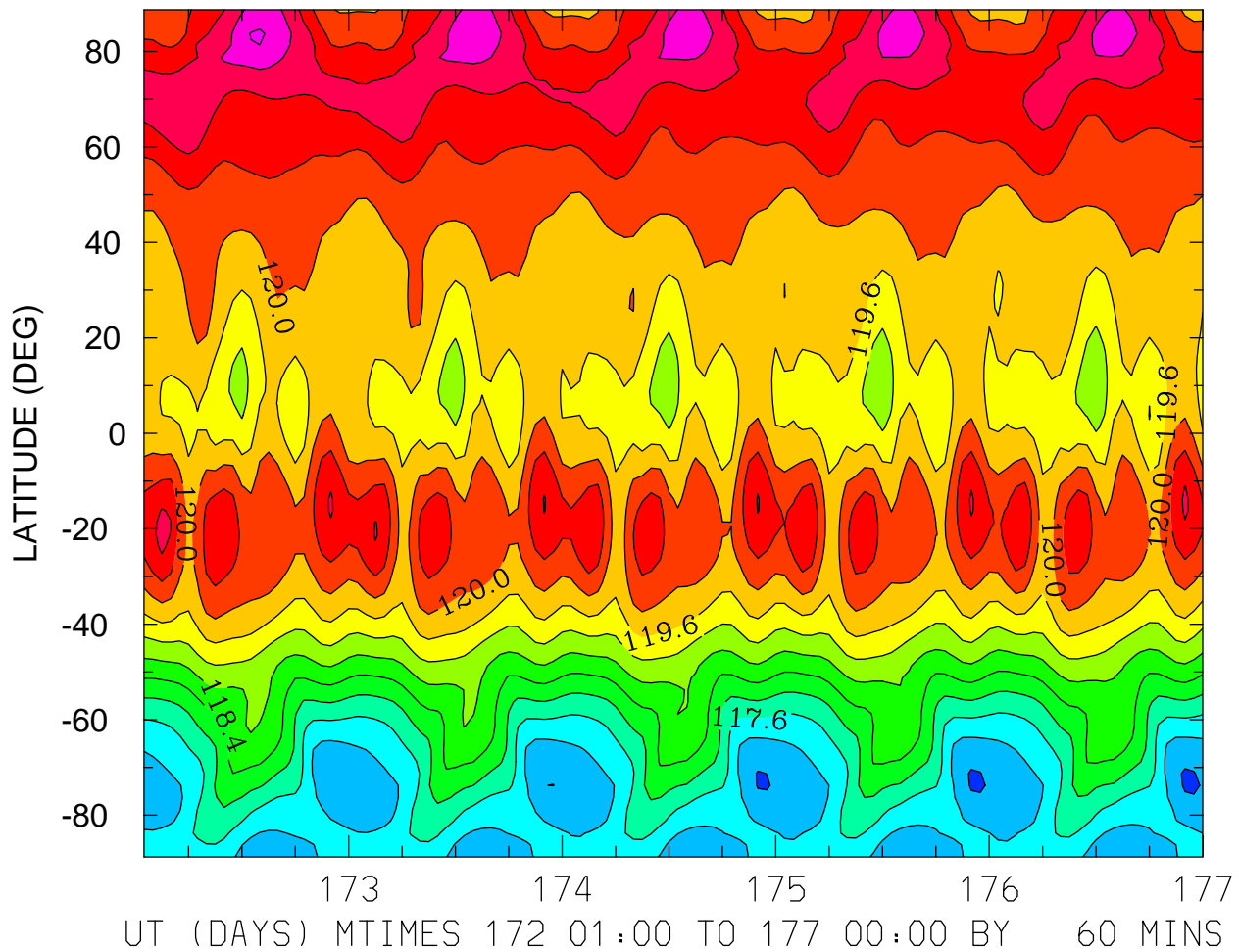
NMF2 ( )  
ZONAL MEANS



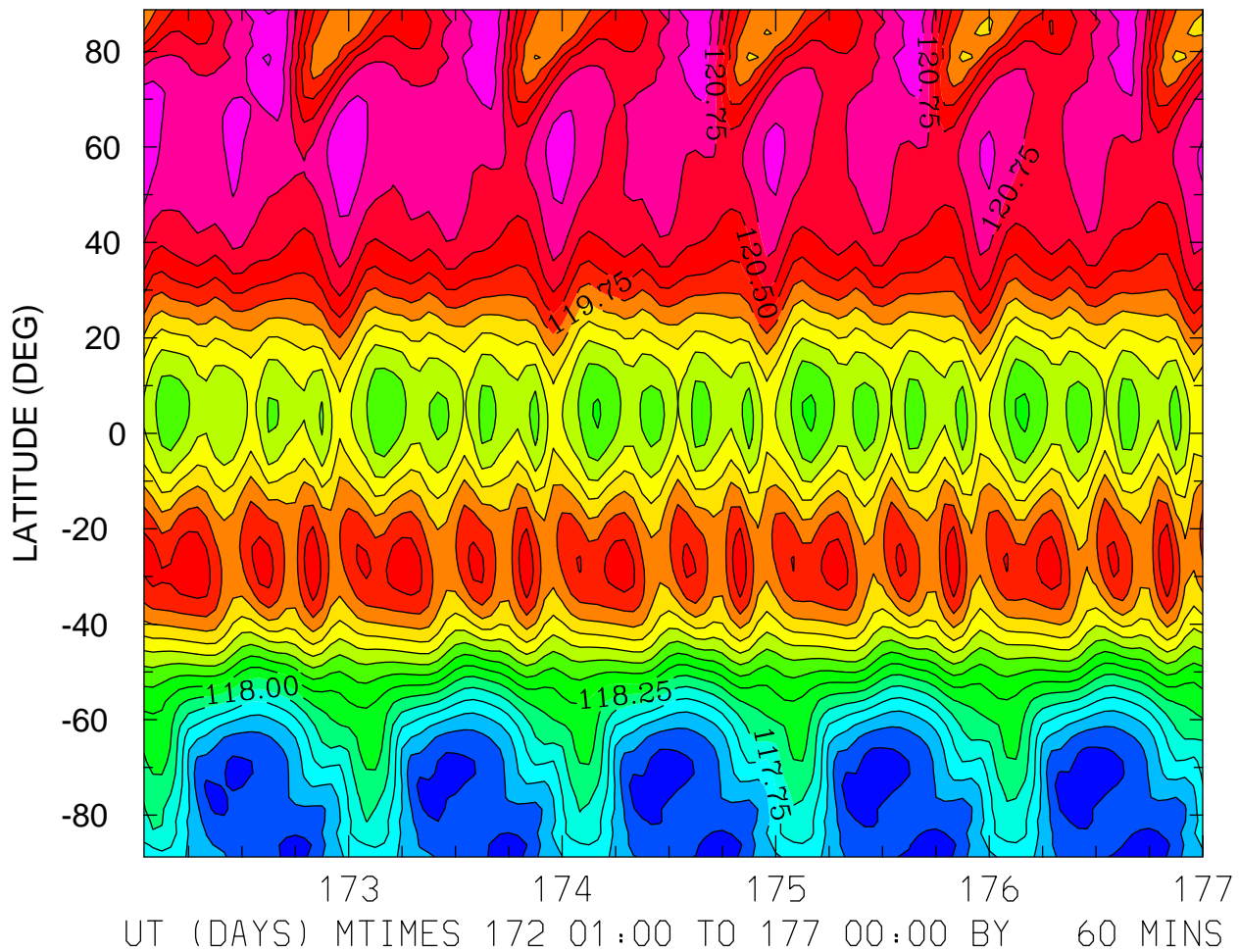
MIN,MAX= 1.1215E+05 4.4326E+05 INTERVAL= 2.5000E+04  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc



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

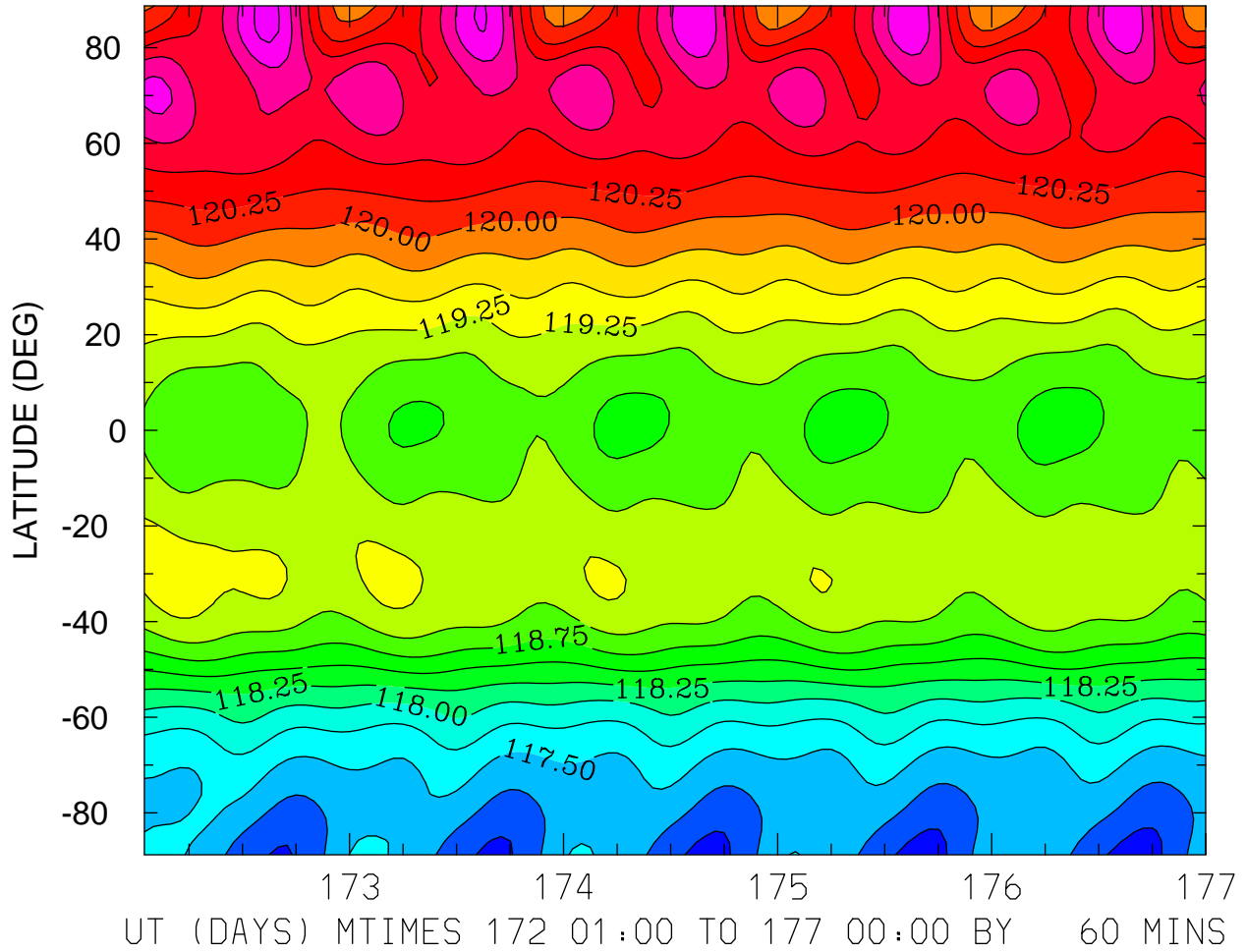


GEOPOTENTIAL HEIGHT (KM)  
ZP = -4.000 LOCAL TIME = 12.00



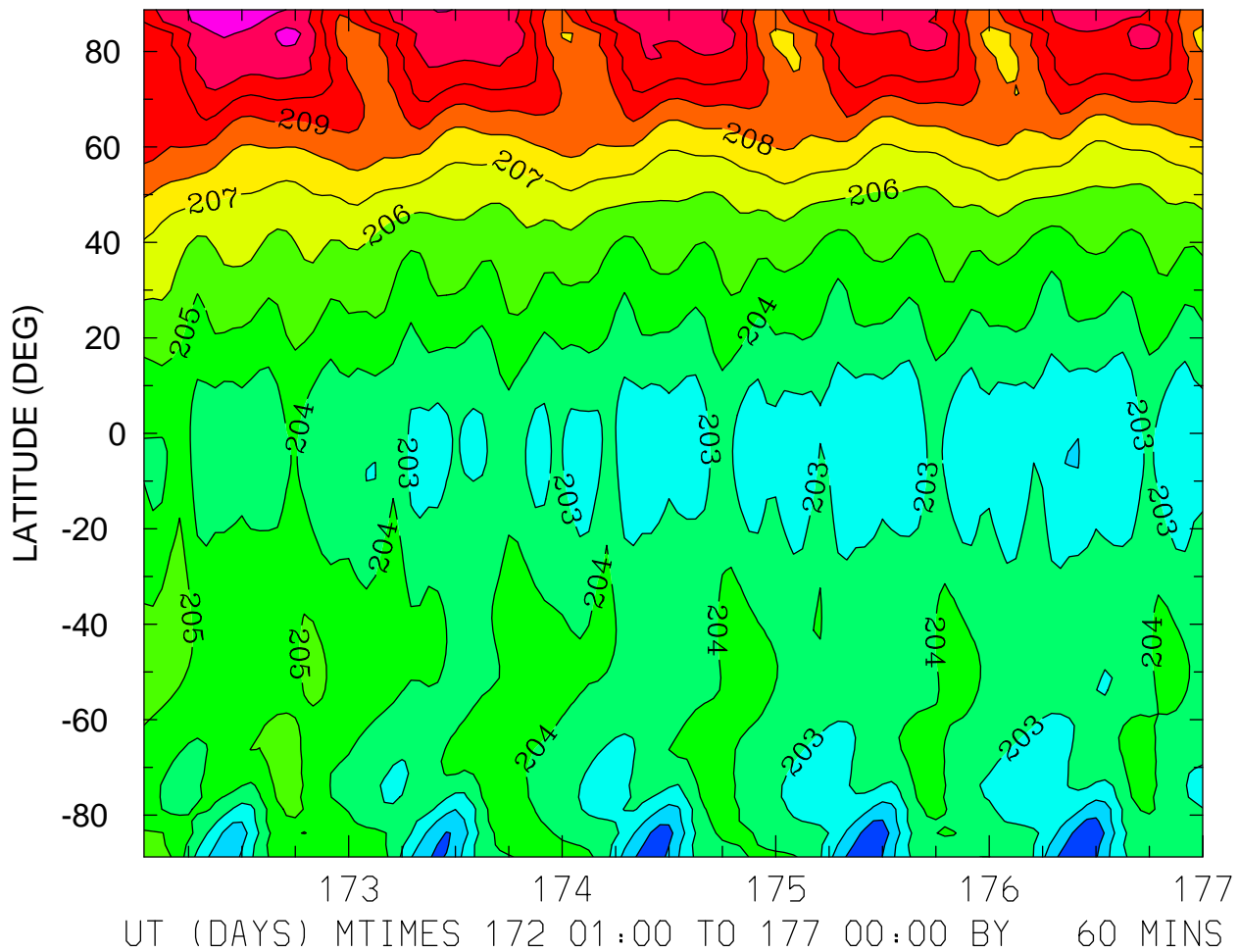
MIN,MAX= 1.1684E+02 1.2128E+02 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

GEOPOTENTIAL HEIGHT (KM)  
ZP = -4.000 ZONAL MEANS



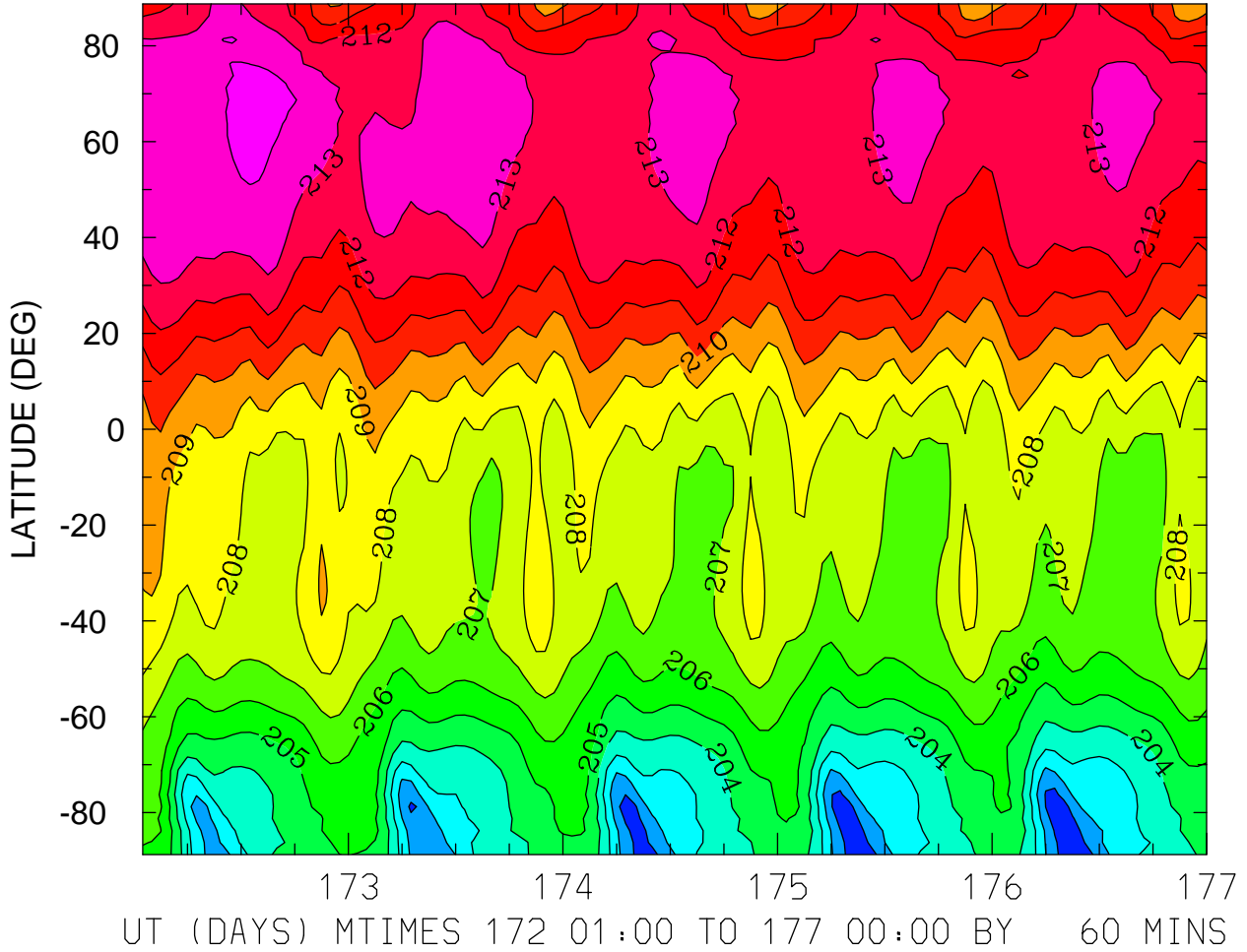
MIN,MAX= 1.1692E+02 1.2134E+02 INTERVAL= 2.5000E-01  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



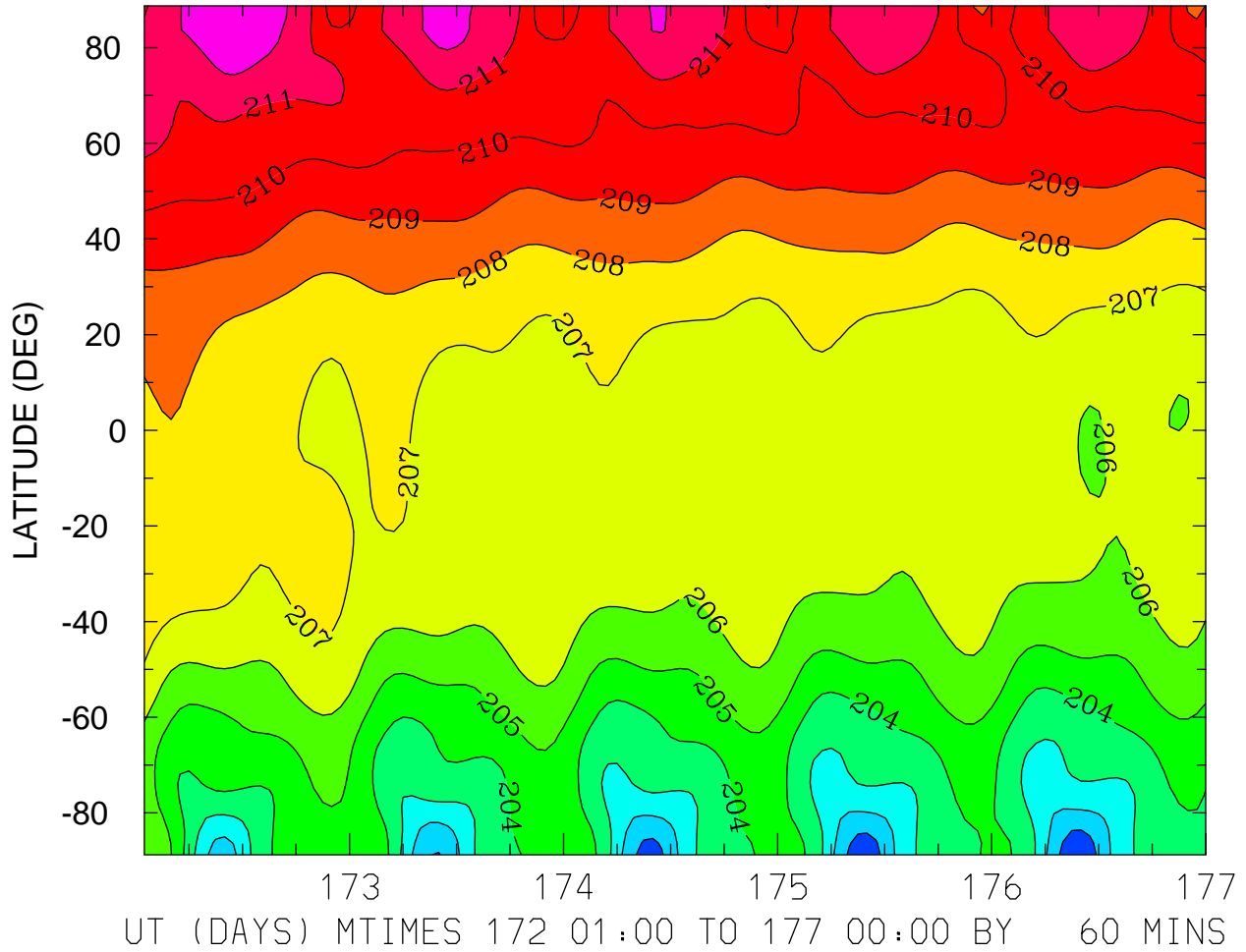
MIN,MAX= 2.0025E+02 2.1265E+02 INTERVAL= 1.0000E+00  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

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



MIN,MAX= 2.0017E+02 2.1420E+02 INTERVAL= 1.0000E+00  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc

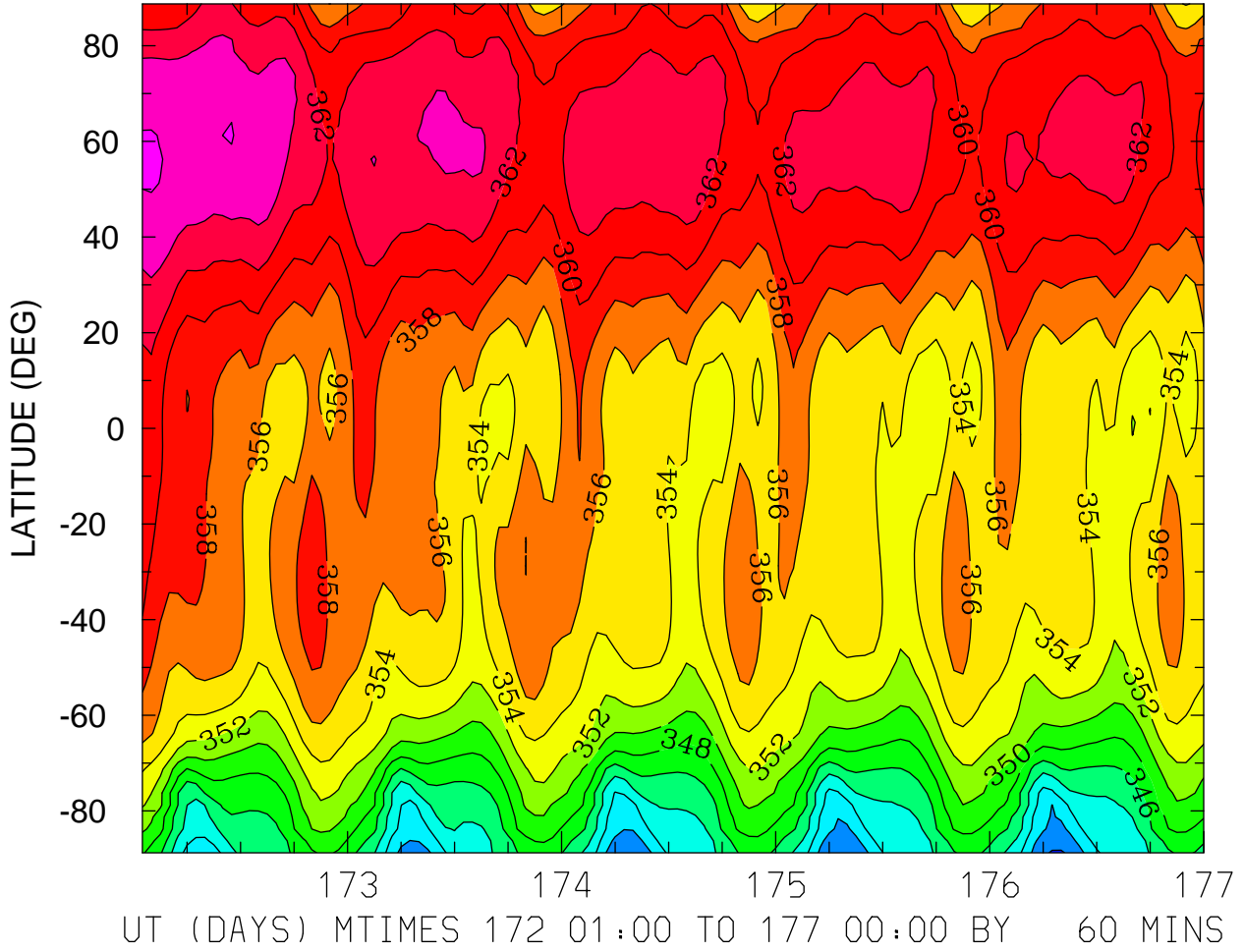
GEOPOTENTIAL HEIGHT (KM)  
ZP = 0.000 ZONAL MEANS



MIN,MAX= 2.0031E+02 2.1295E+02 INTERVAL= 1.0000E+00  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc



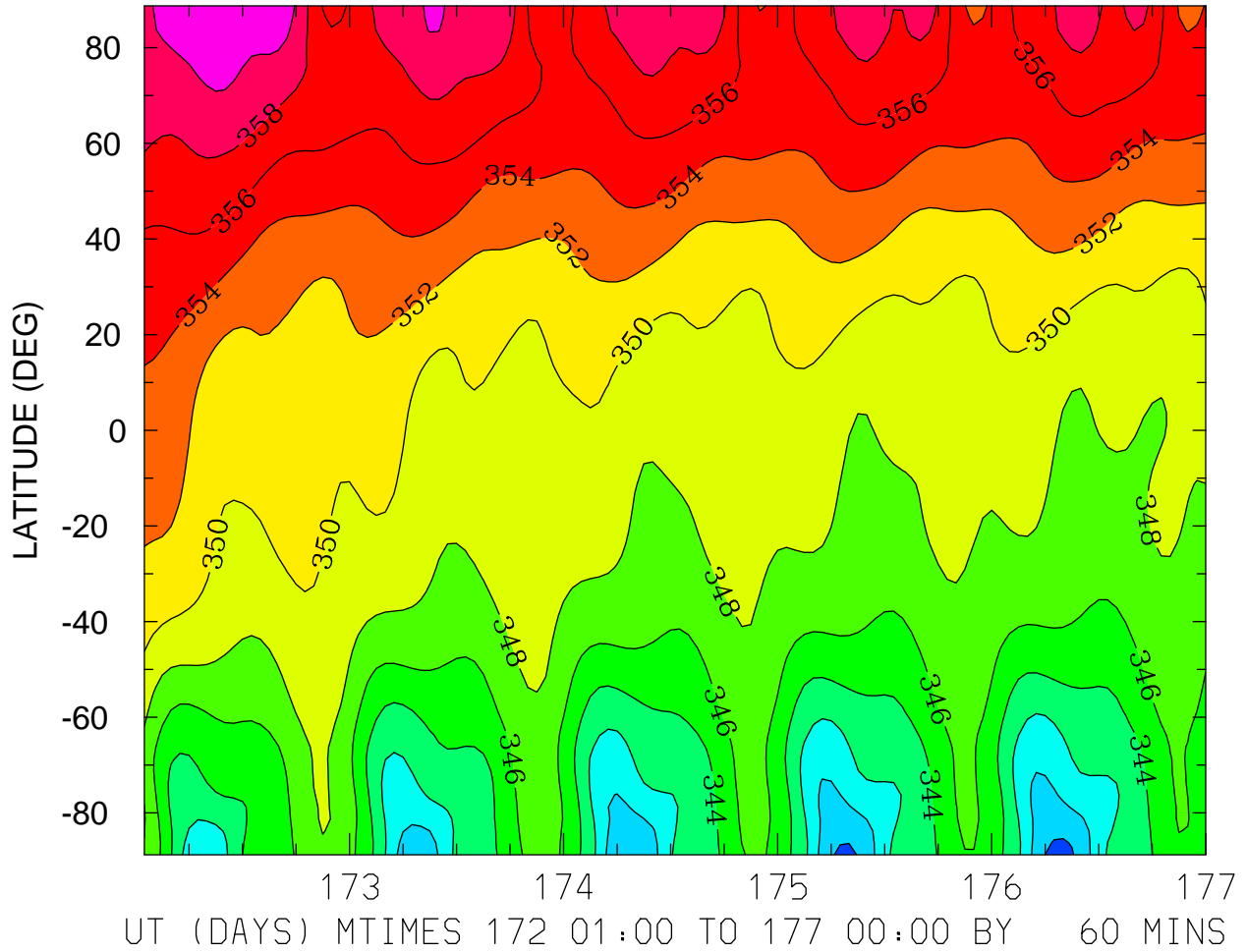
GEOPOTENTIAL HEIGHT (KM)  
ZP = 4.000 LOCAL TIME = 12.00



MIN,MAX= 3.3781E+02 3.6624E+02 INTERVAL= 2.0000E+00  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc



GEOPOTENTIAL HEIGHT (KM)  
ZP = 4.000 ZONAL MEANS



MIN,MAX= 3.3748E+02 3.6194E+02 INTERVAL= 2.0000E+00  
FIRST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_001.nc  
LAST: tiegcm2.0\_res2.5\_junsol\_smin\_sech\_005.nc