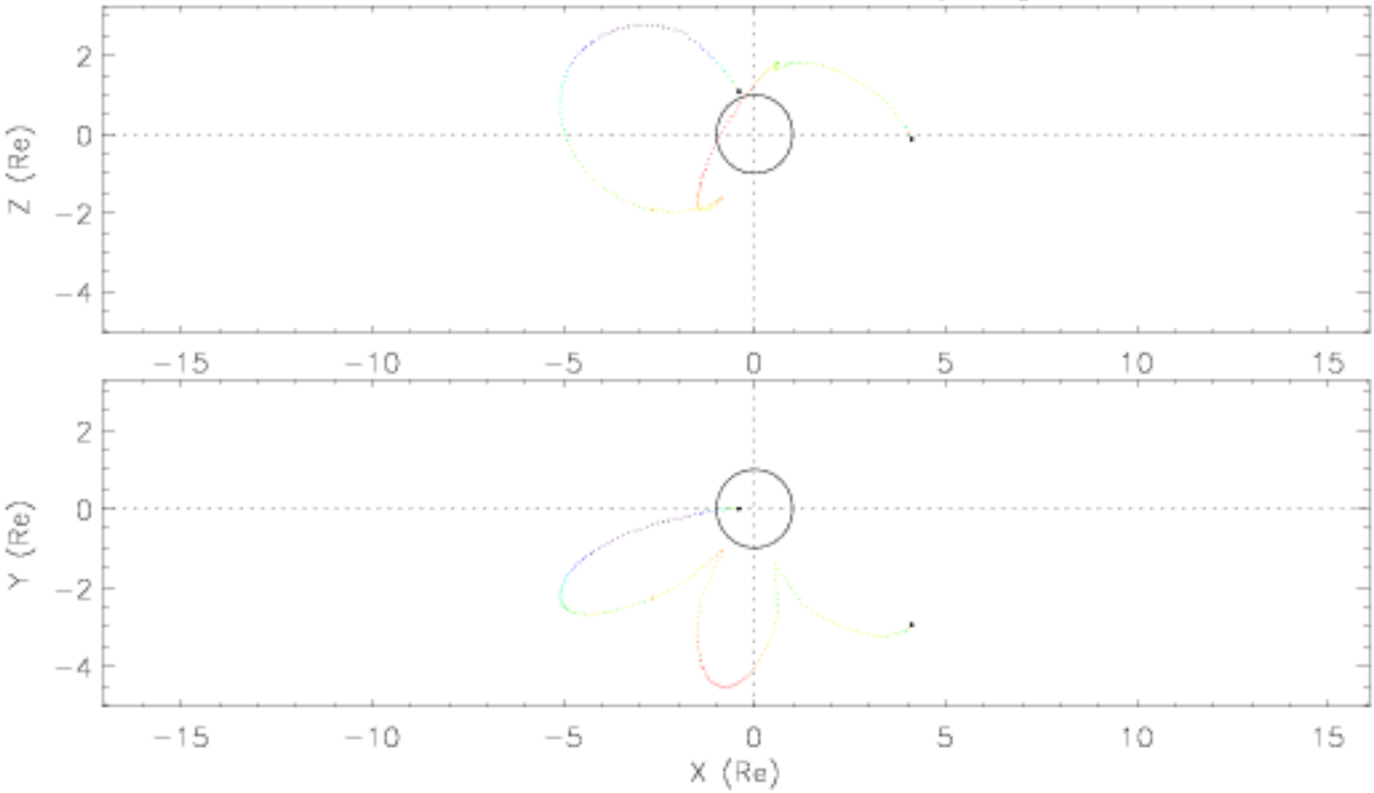
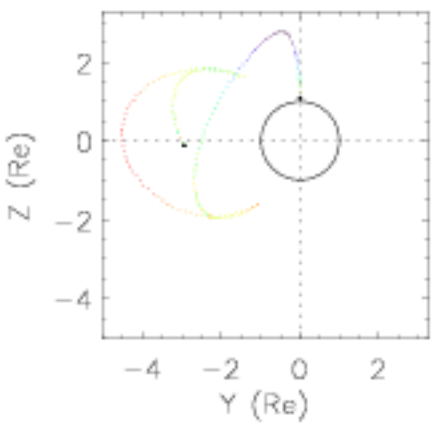
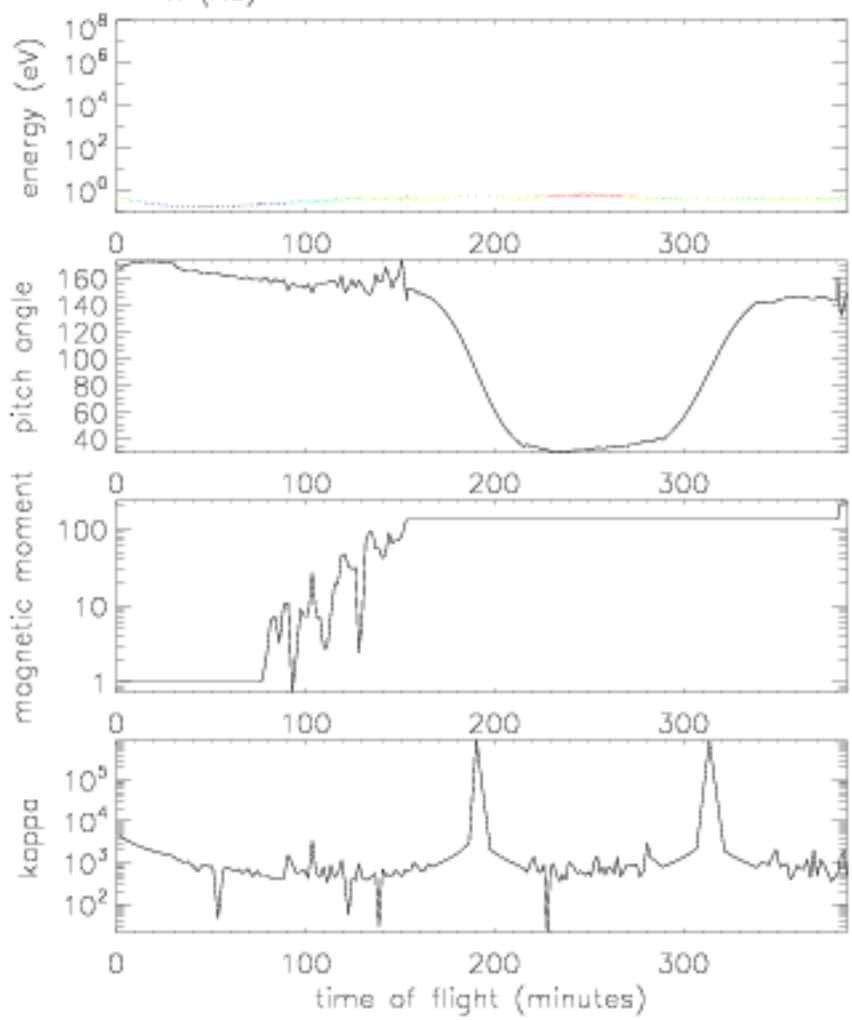
Particle code of D. Delcourt, Hydrogen





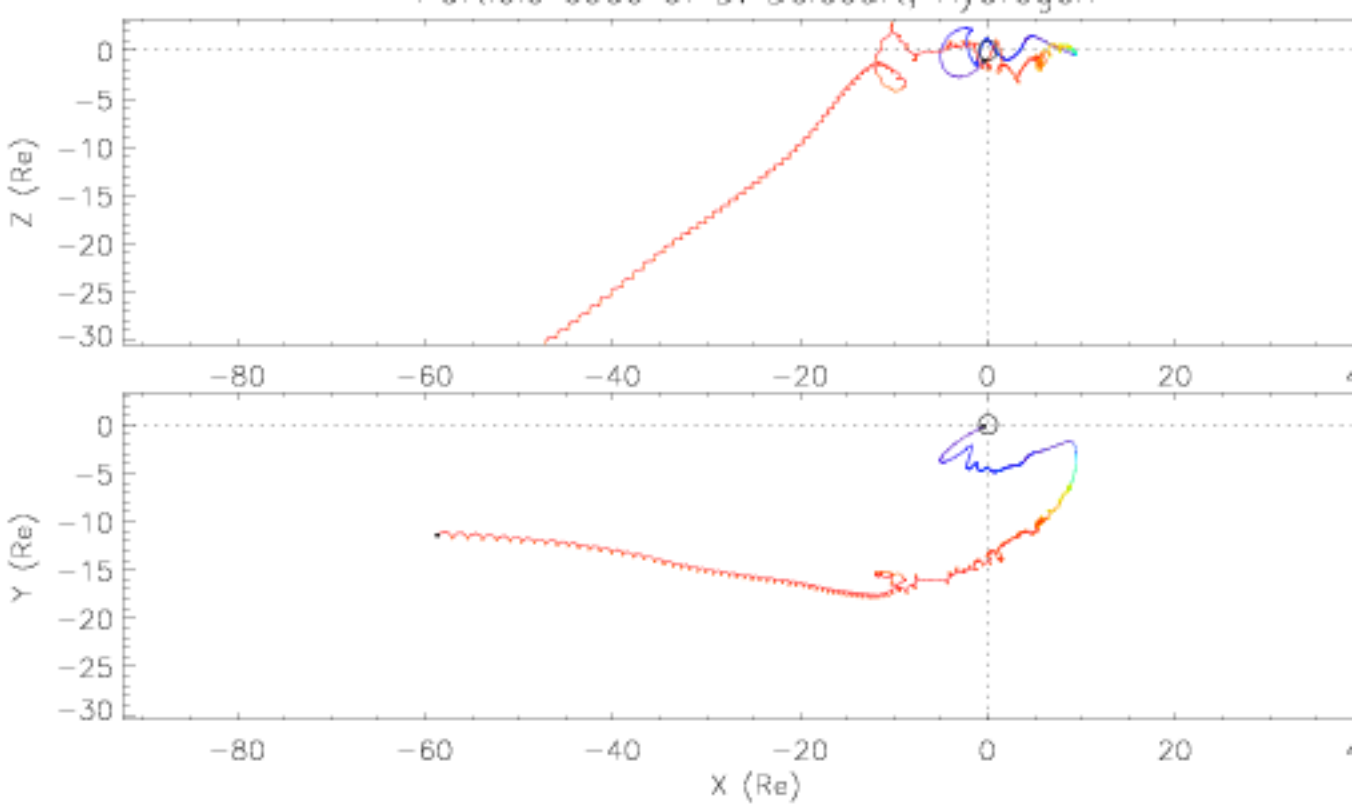


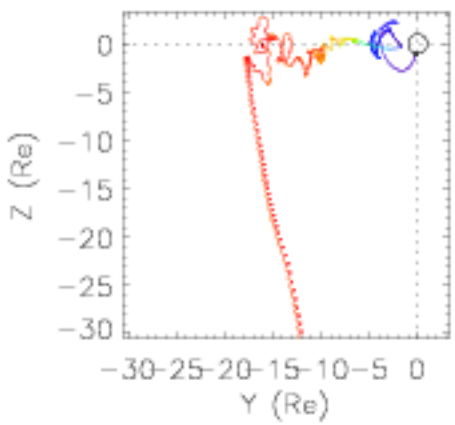
Start, Stop Parameters:

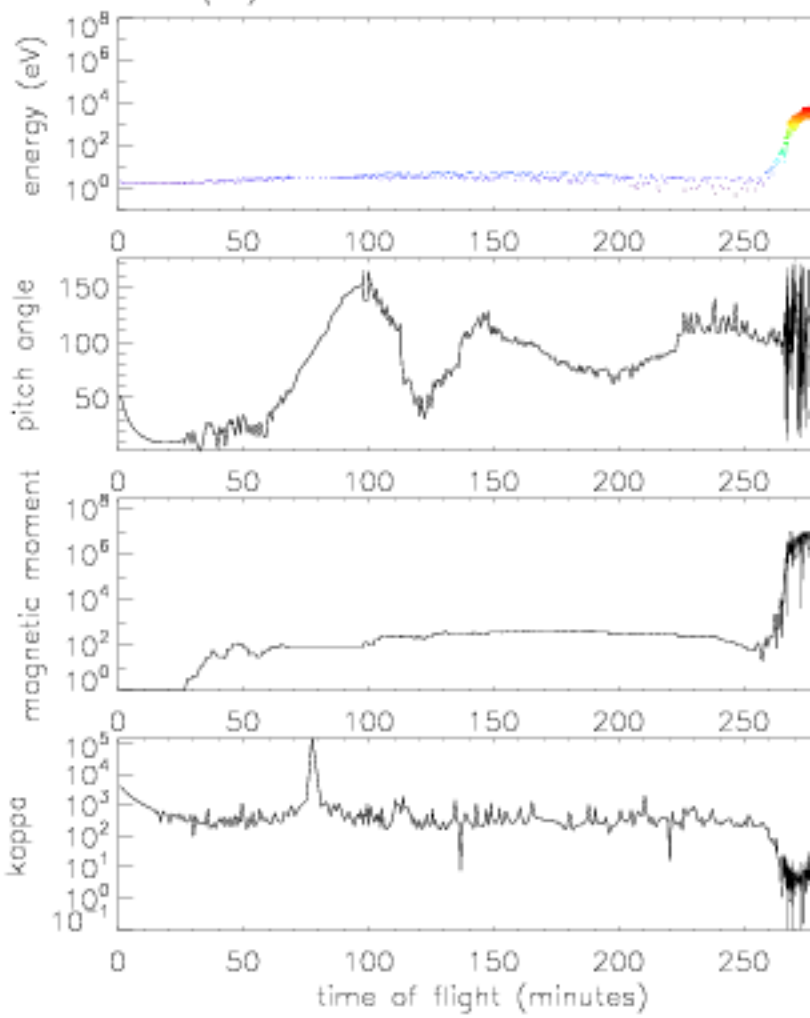
Time (minute): 1.0, 386.0
Magnetic local time: 23.980, 9.618
Magnetic latitude: 69.130, −1.423
Distance (Re): 1.16, 5.06
Energy (eV): 0.56, 0.35
Pitch angle: 166.300, 148.200
Tilt angle (deg): 0.000

file: particle0000001.full

Fri Oct 13 11:59:48 2006





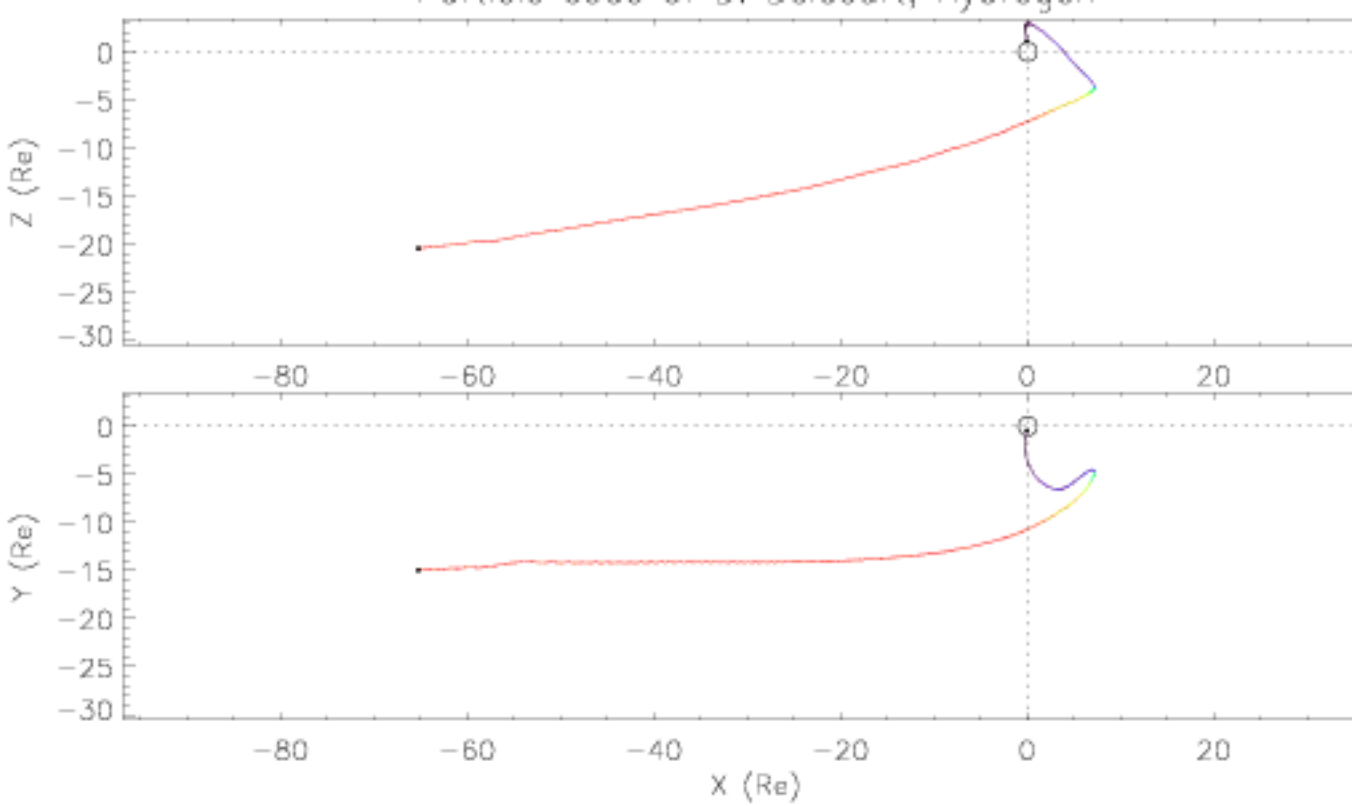


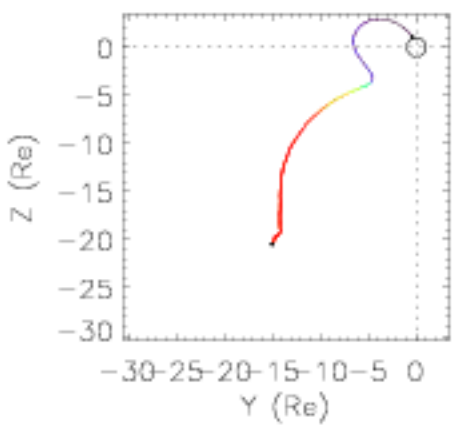
Start, Stop Parameters:

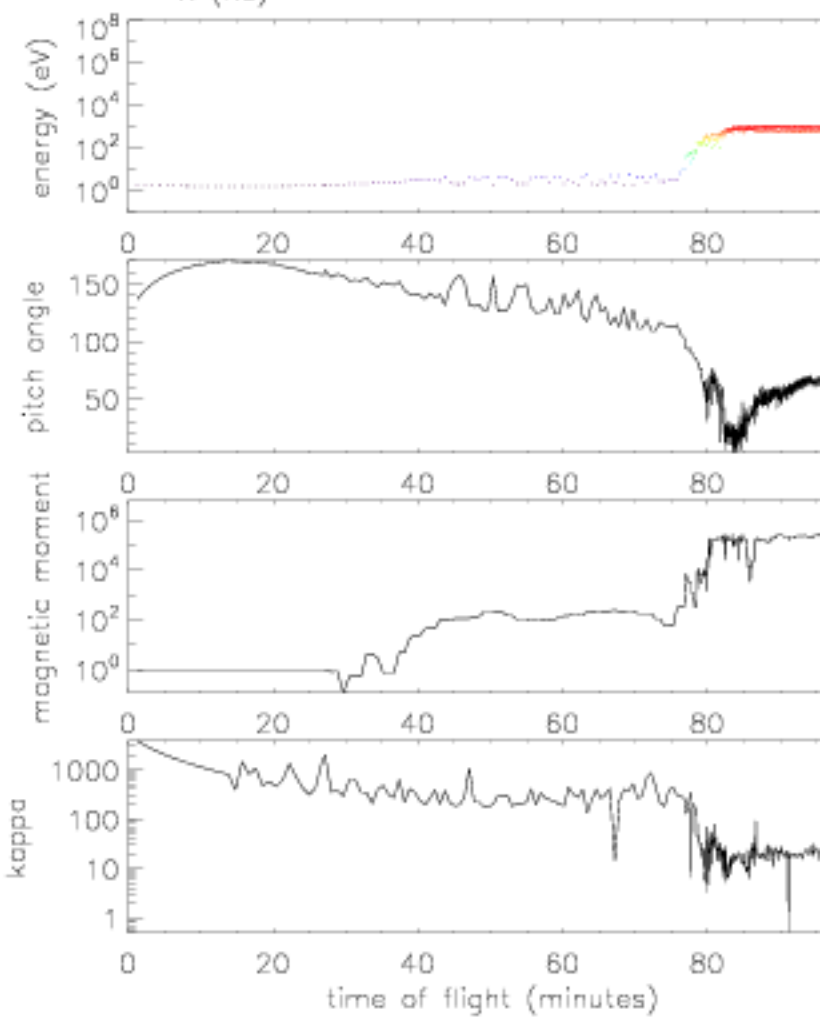
Time (minute): 0.8, 291.5
Magnetic local time: 1.502, 0.735
Magnetic latitude: −67.080, −31.370
Distance (Re): 1.16, 70.00
Energy (eV): 2.19, 6319.00
Pitch angle: 51.890, 52.250
Tilt angle (deg): 0.000

file: particle0000002.full

Fri Oct 13 11:59:49 2006





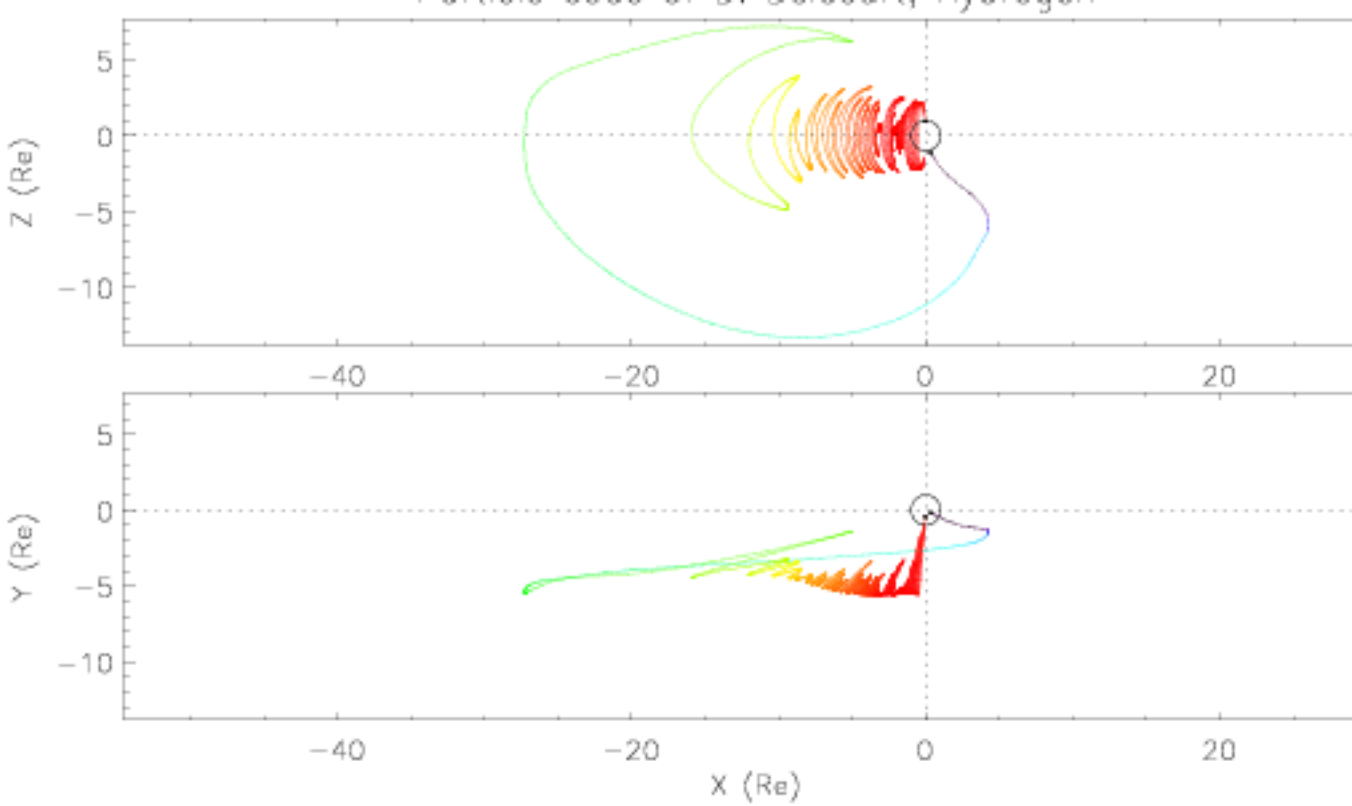


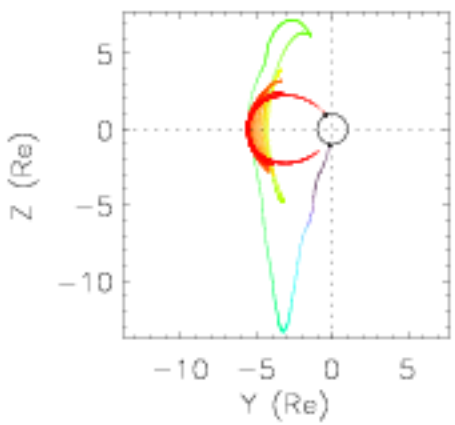
Start, Stop Parameters:

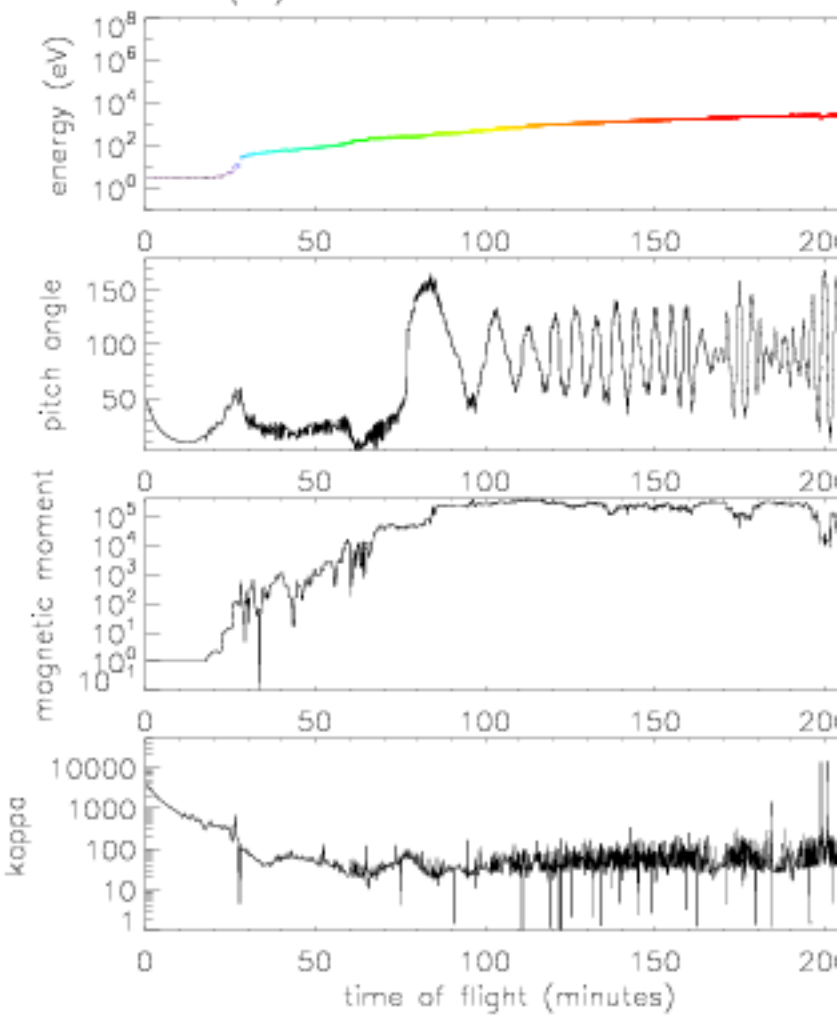
Time (minute): 1.2, 100.8
Magnetic local time: 5.311, 0.862
Magnetic latitude: 67.750,−16.990
Distance (Re): 1.16, 70.01
Energy (eV): 2.02, 781.00
Pitch angle: 136.400, 107.200
Tilt angle (deg): 0.000

file: particle0000003.full

Fri Oct 13 11:59:49 2006





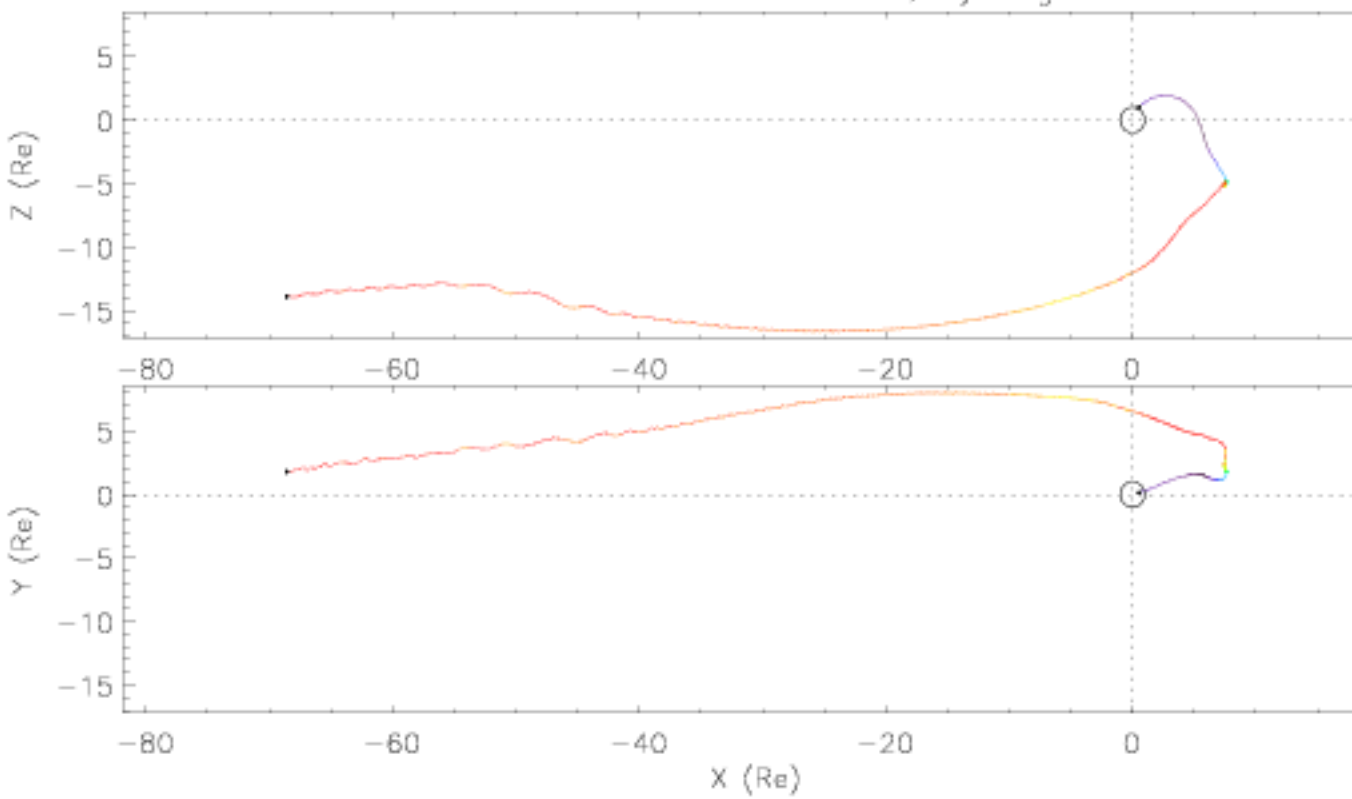


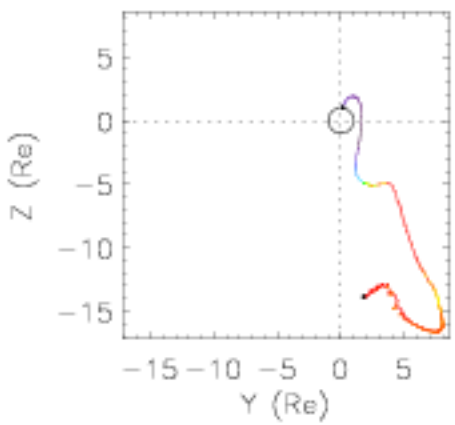
Start, Stop Parameters:

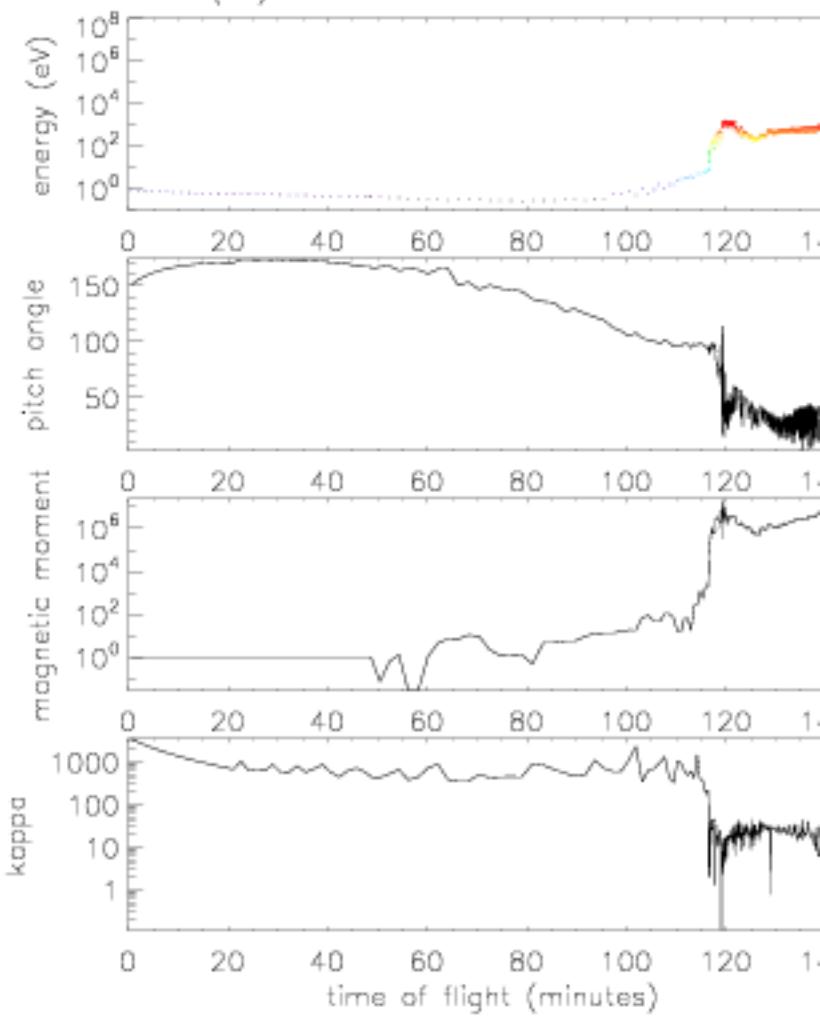
Time (minute): 0.5, 214.7
Magnetic local time: 10.150, 5.707
Magnetic latitude: −70.900, 64.880
Distance (Re): 1.16, 1.05
Energy (eV): 3.72, 2222.00
Pitch angle: 47.560, 52.510
Tilt angle (deg): 0.000

file: particle0000004.full

Fri Oct 13 11:59:49 2006





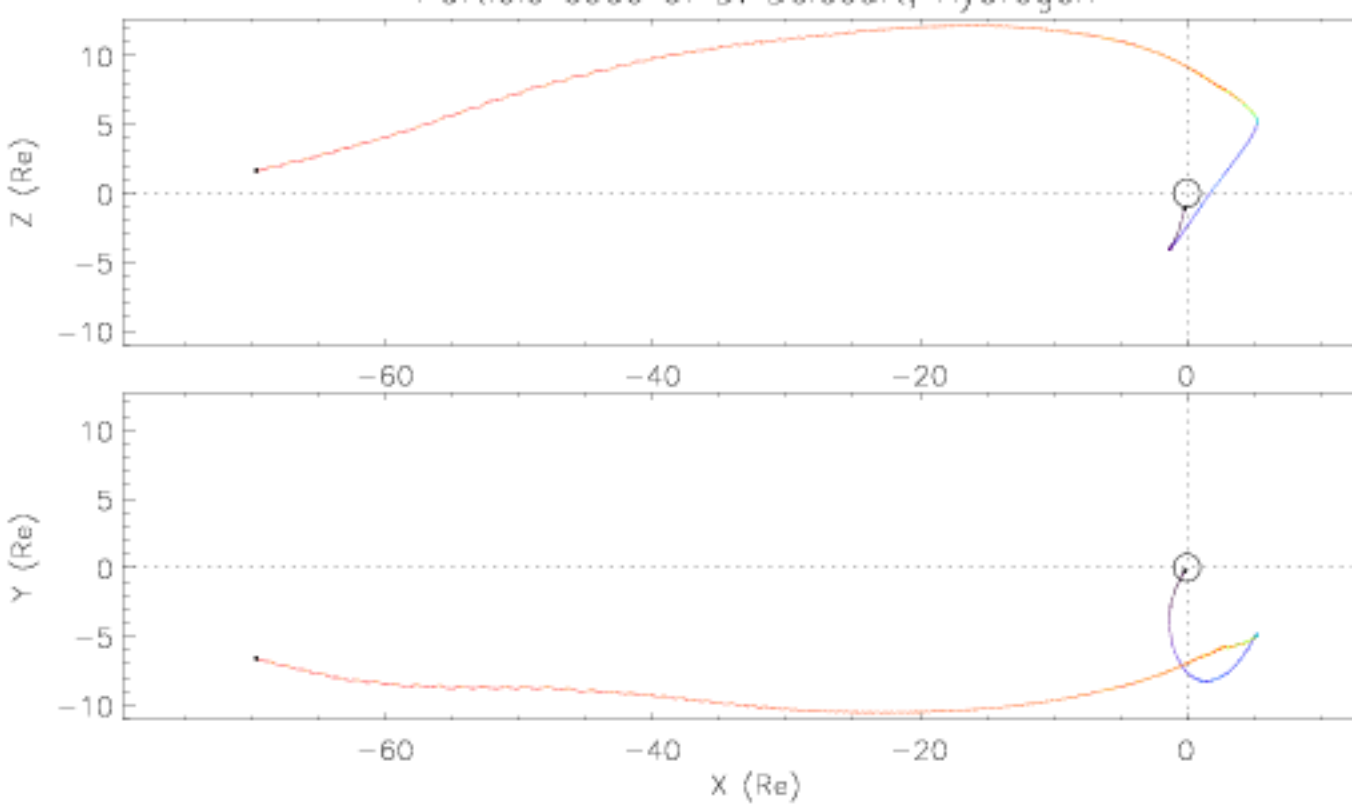


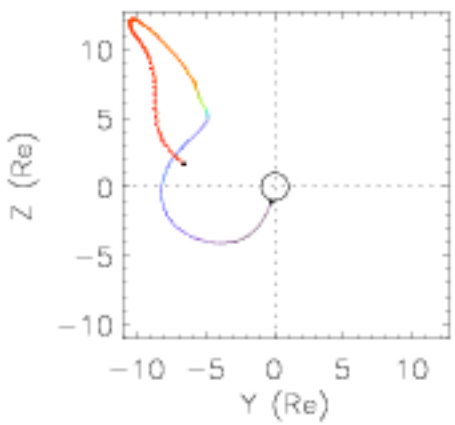
Start, Stop Parameters:

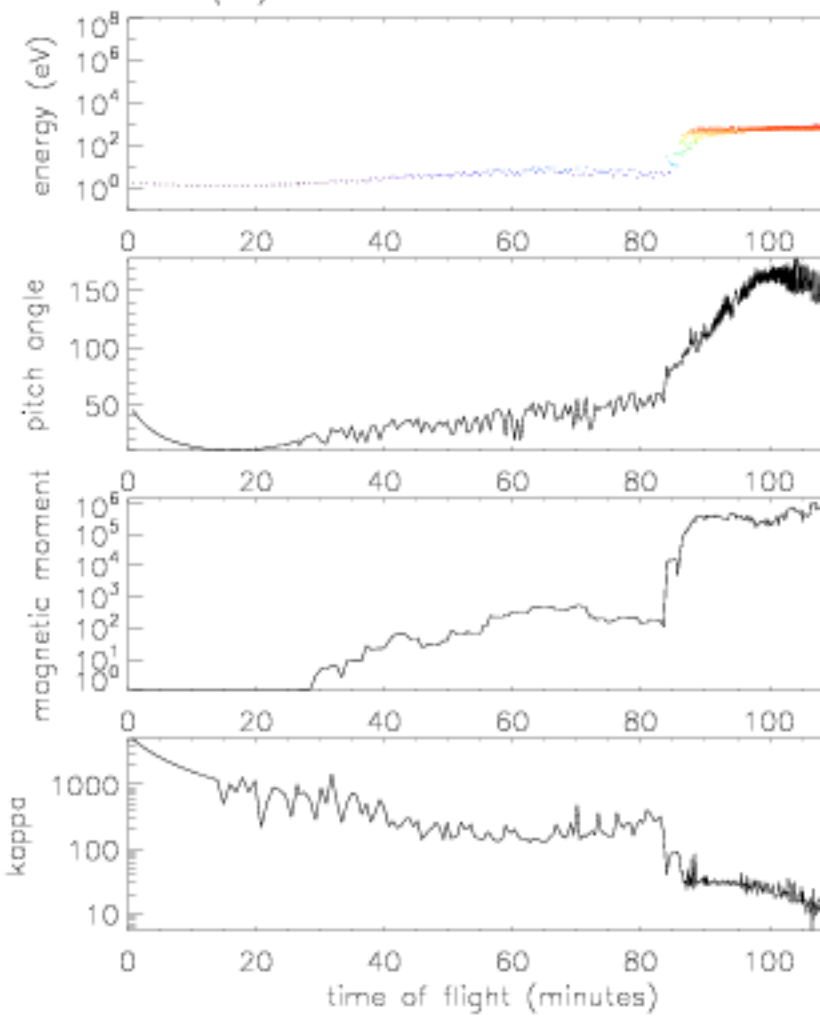
Time (minute): 0.6, 146.5
Magnetic local time: 12.990, 23.900
Magnetic latitude: 61.130,−11.430
Distance (Re): 1.16, 70.00
Energy (eV): 0.97, 1458.00
Pitch angle: 150.900, 155.000
Tilt angle (deg): 0.000

file: particle0000005.full

Fri Oct 13 11:59:50 2006





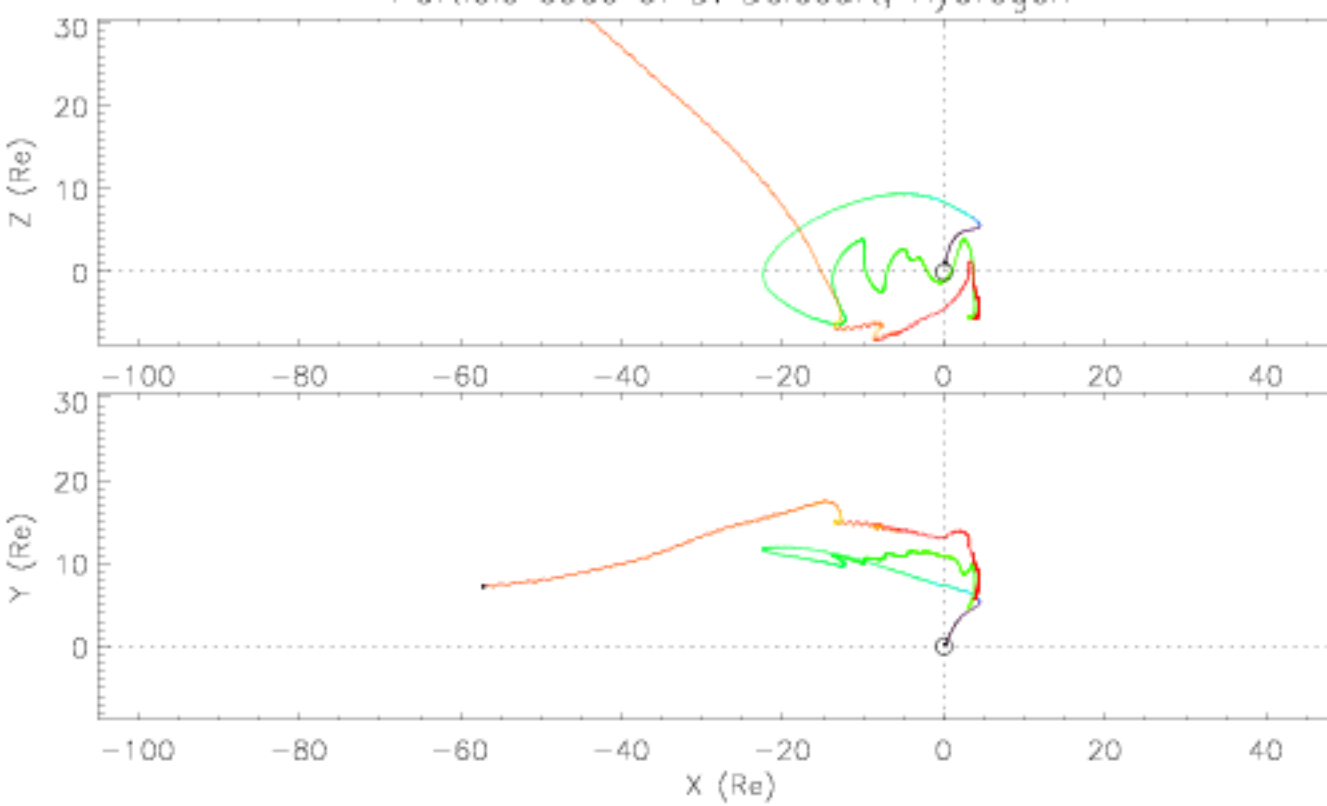


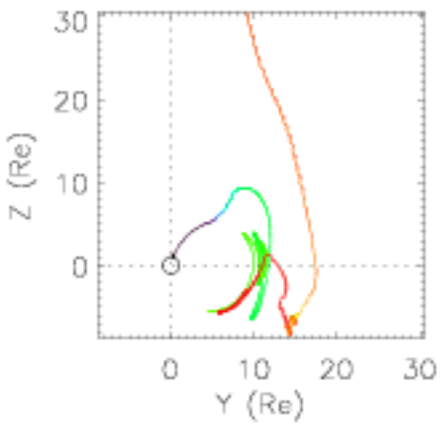
Start, Stop Parameters:

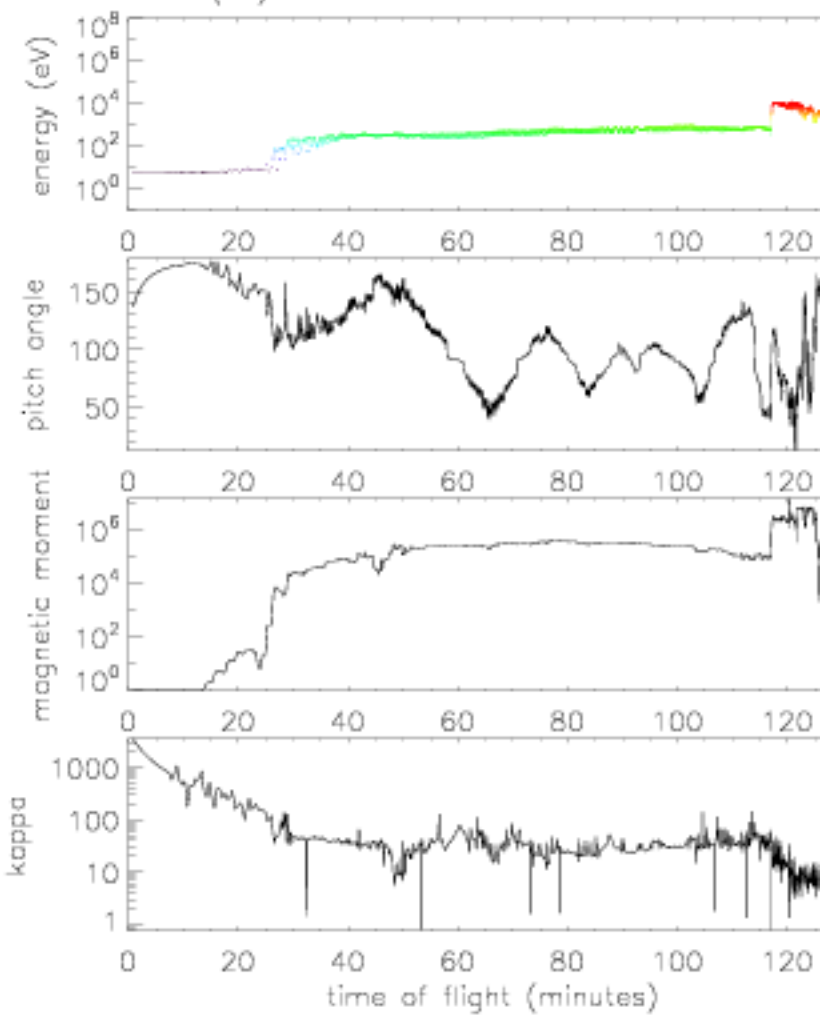
Time (minute): 0.6, 113.9
Magnetic local time: 3.776, 0.360
Magnetic latitude: −74.960, 1.348
Distance (Re): 1.16, 70.01
Energy (eV): 1.89, 884.30
Pitch angle: 45.400, 106.000
Tilt angle (deg): 0.000

file: particle0000006.full

Fri Oct 13 11:59:50 2006





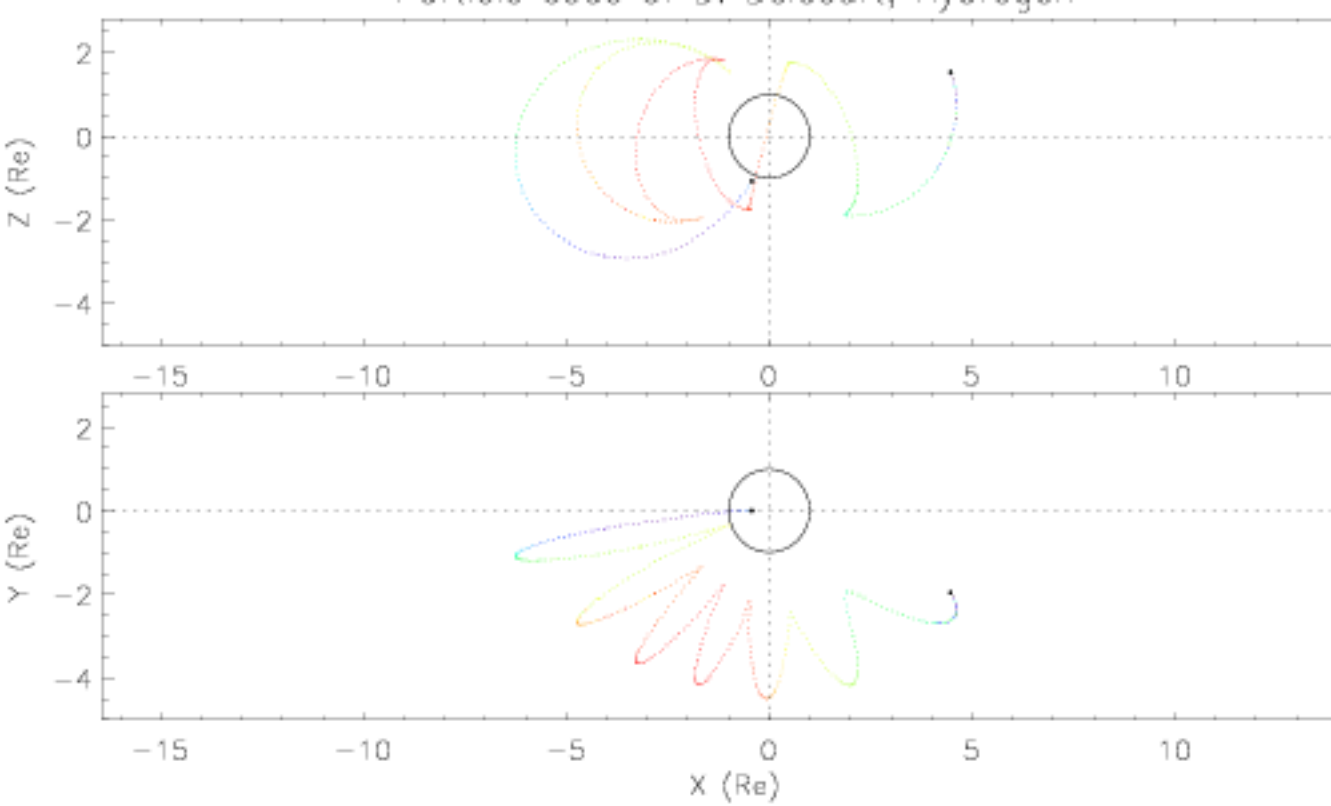


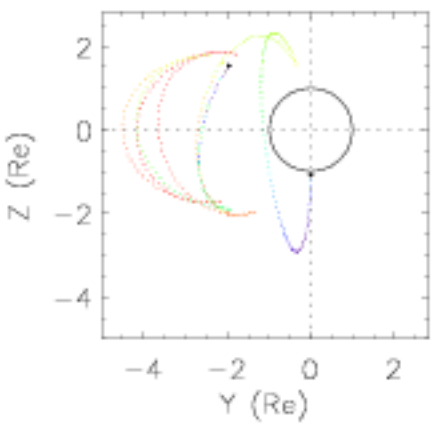
Start, Stop Parameters:

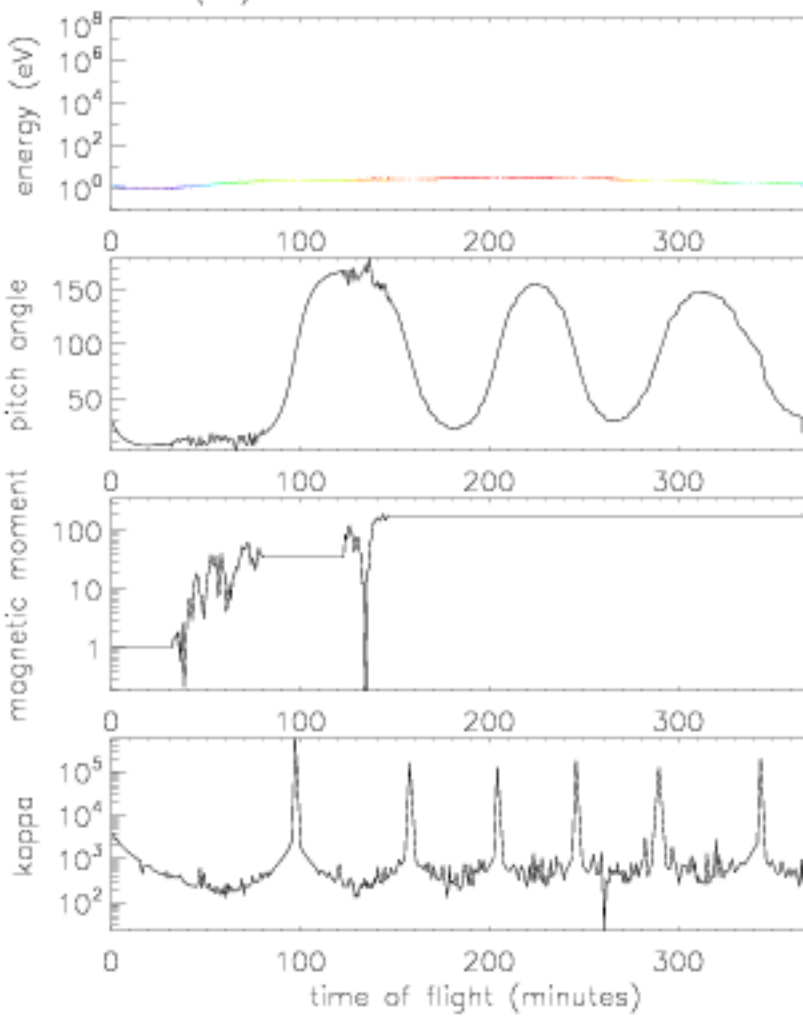
Time (minute): 0.8, 132.9
Magnetic local time: 16.120, 23.520
Magnetic latitude: 74.240, 34.600
Distance (Re): 1.16, 70.00
Energy (eV): 6.80, 5870.00
Pitch angle: 137.300, 150.700
Tilt angle (deg): 0.000

file: particle0000007.full

Fri Oct 13 11:59:50 2006





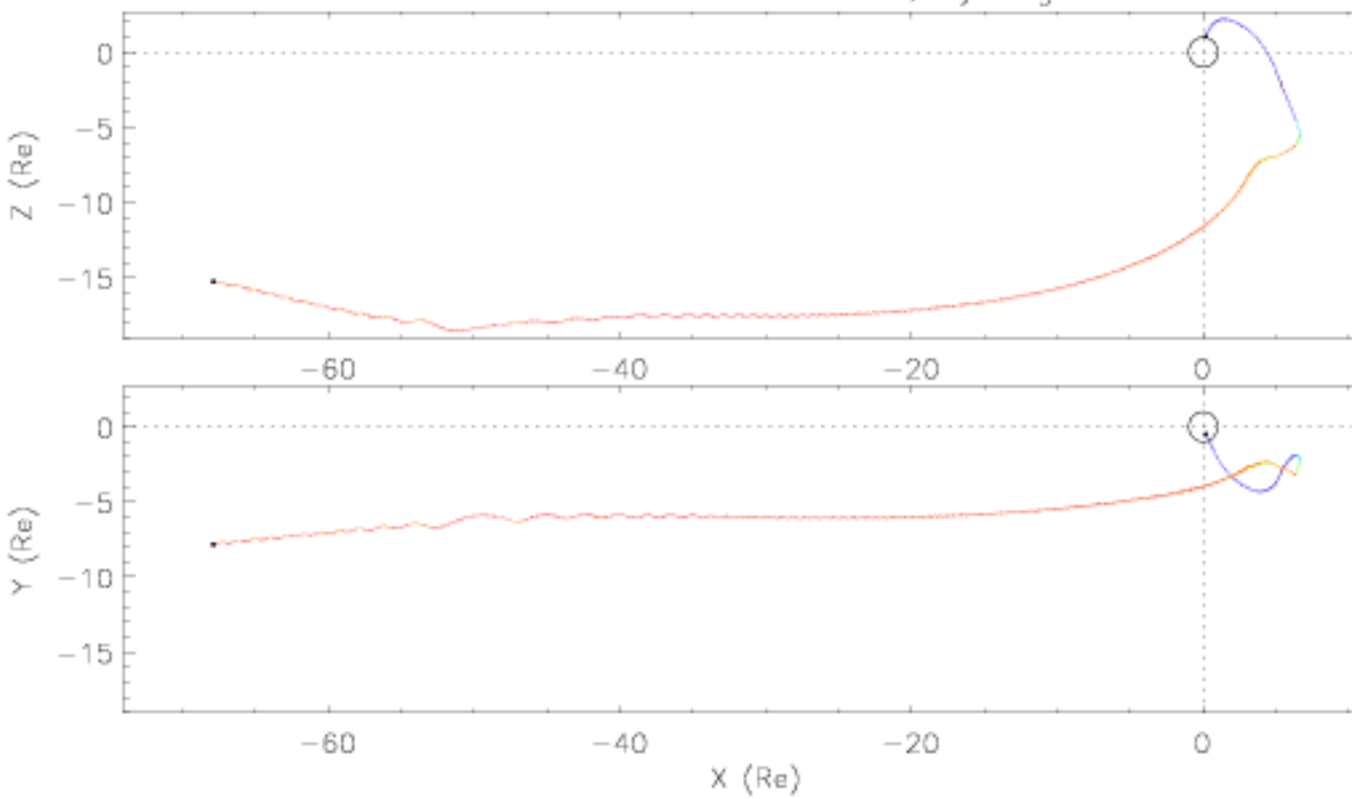


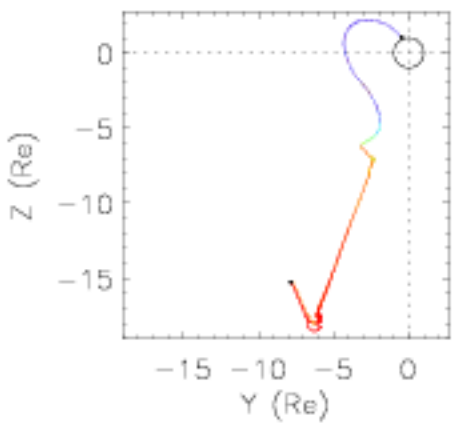
Start, Stop Parameters:

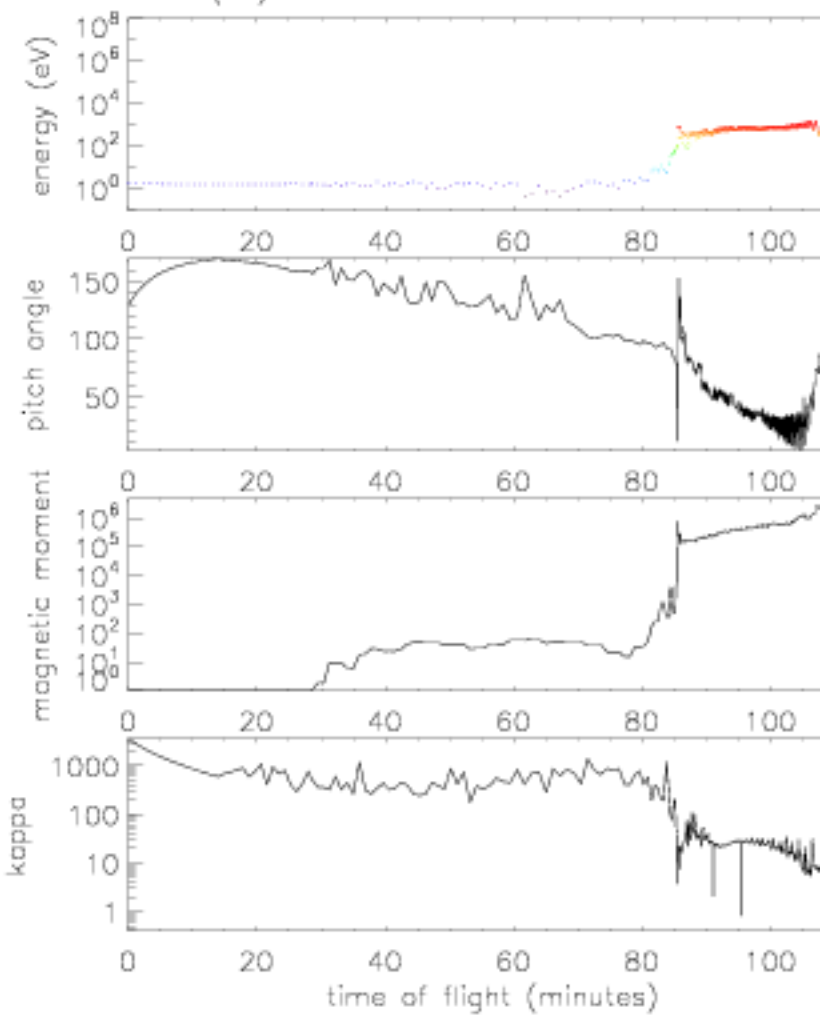
Time (minute): 0.5, 386.0
Magnetic local time: 23.990, 10.420
Magnetic latitude: −68.370, 17.420
Distance (Re): 1.16, 5.12
Energy (eV): 1.47, 1.82
Pitch angle: 28.250, 57.340
Tilt angle (deg): 0.000

file: particle0000008.full

Fri Oct 13 11:59:51 2006





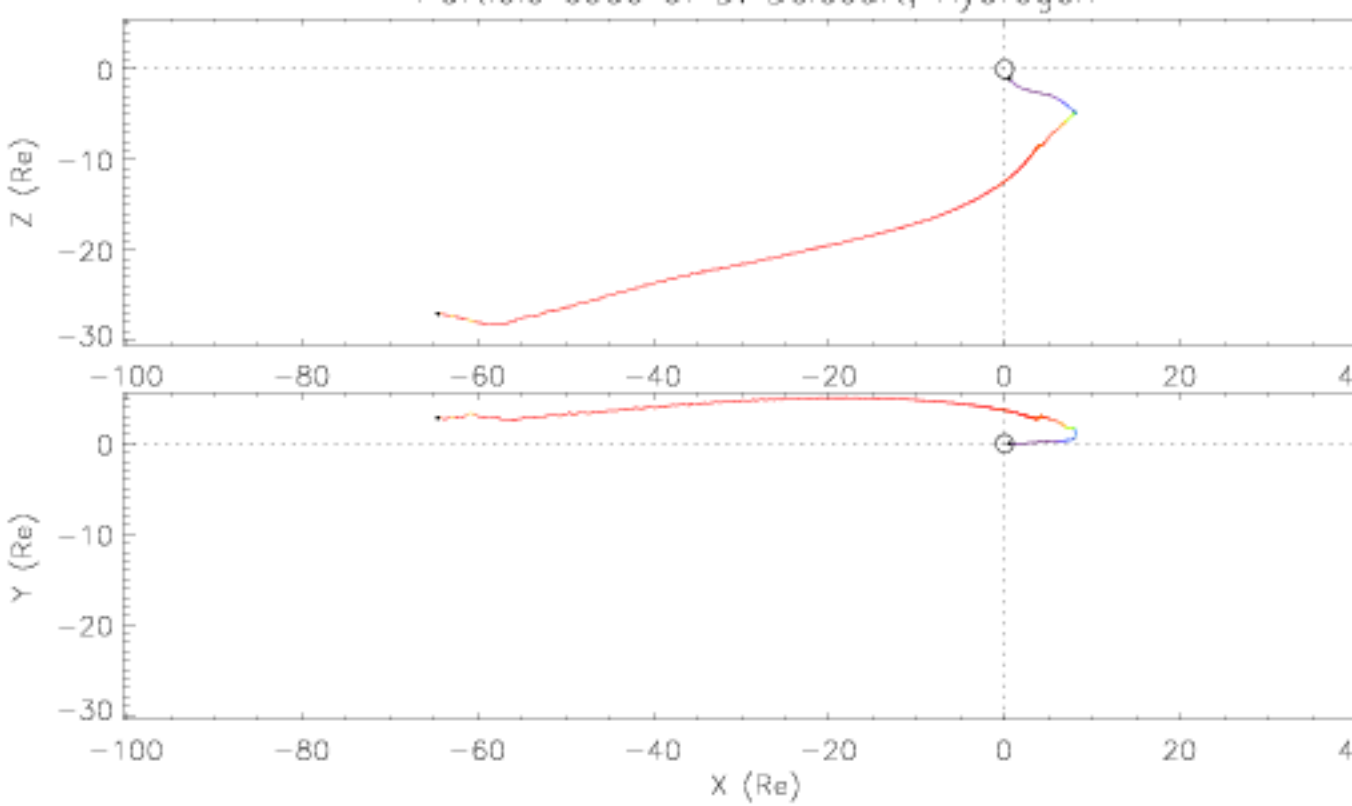


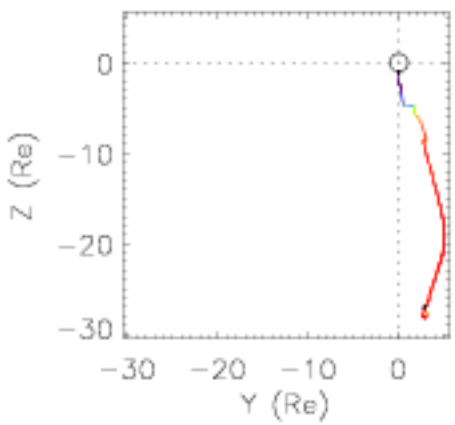
Start, Stop Parameters:

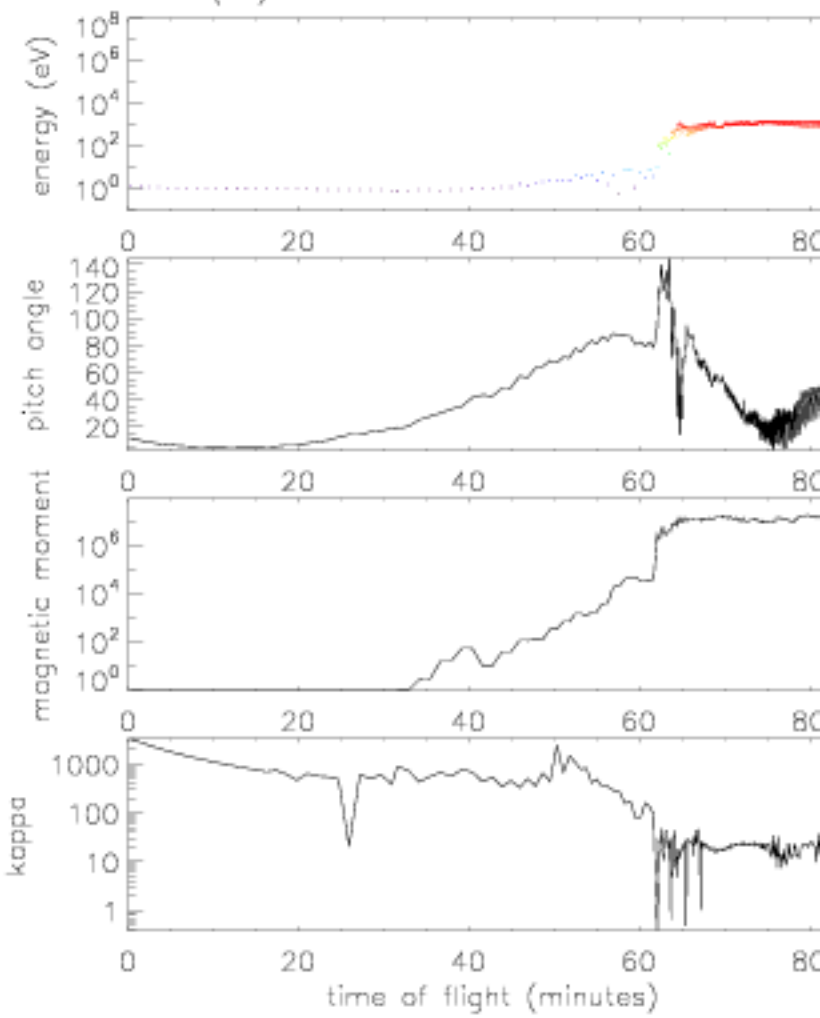
Time (minute): 0.0, 113.6
Magnetic local time: 7.453, 0.439
Magnetic latitude: 63.310,−12.600
Distance (Re): 1.16, 70.00
Energy (eV): 1.99, 1278.00
Pitch angle: 130.300, 98.830
Tilt angle (deg): 0.000

file: particle0000009.full

Fri Oct 13 11:59:51 2006







Start, Stop Parameters:

Time (minute): 0.3, 85.7
Magnetic local time: 11.800, 23.830
Magnetic latitude: −64.320, −22.690
Distance (Re): 1.16, 70.01
Energy (eV): 1.38, 266.70
Pitch angle: 11.700, 102.000
Tilt angle (deg): 0.000

file: particle0000010.full

Fri Oct 13 11:59:51 2006