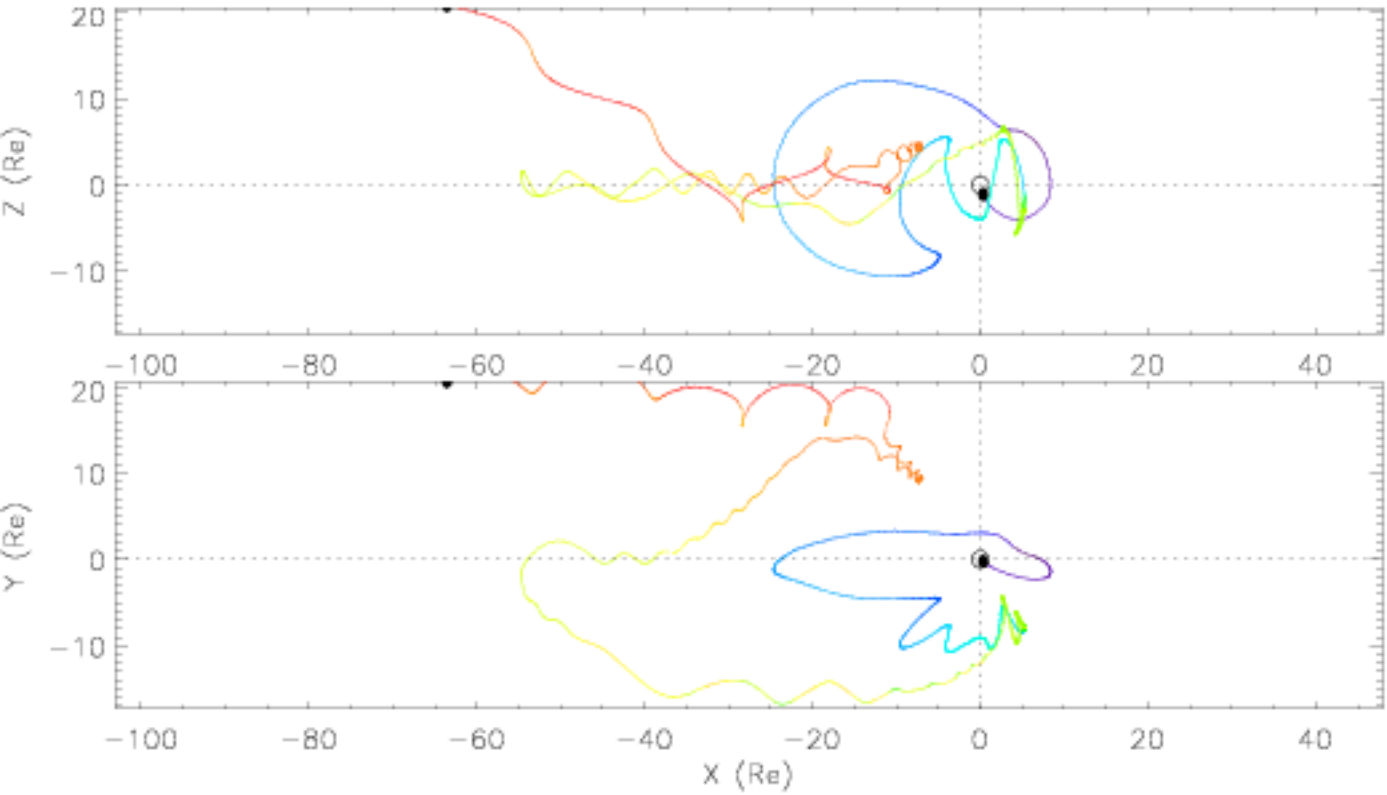
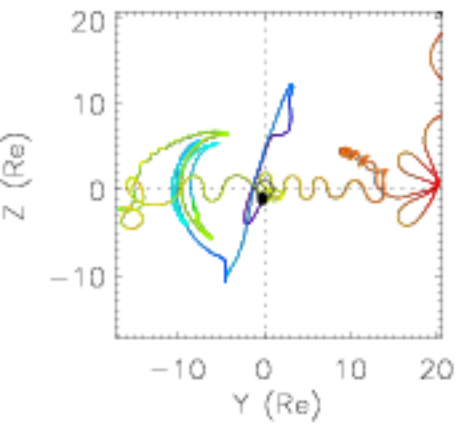
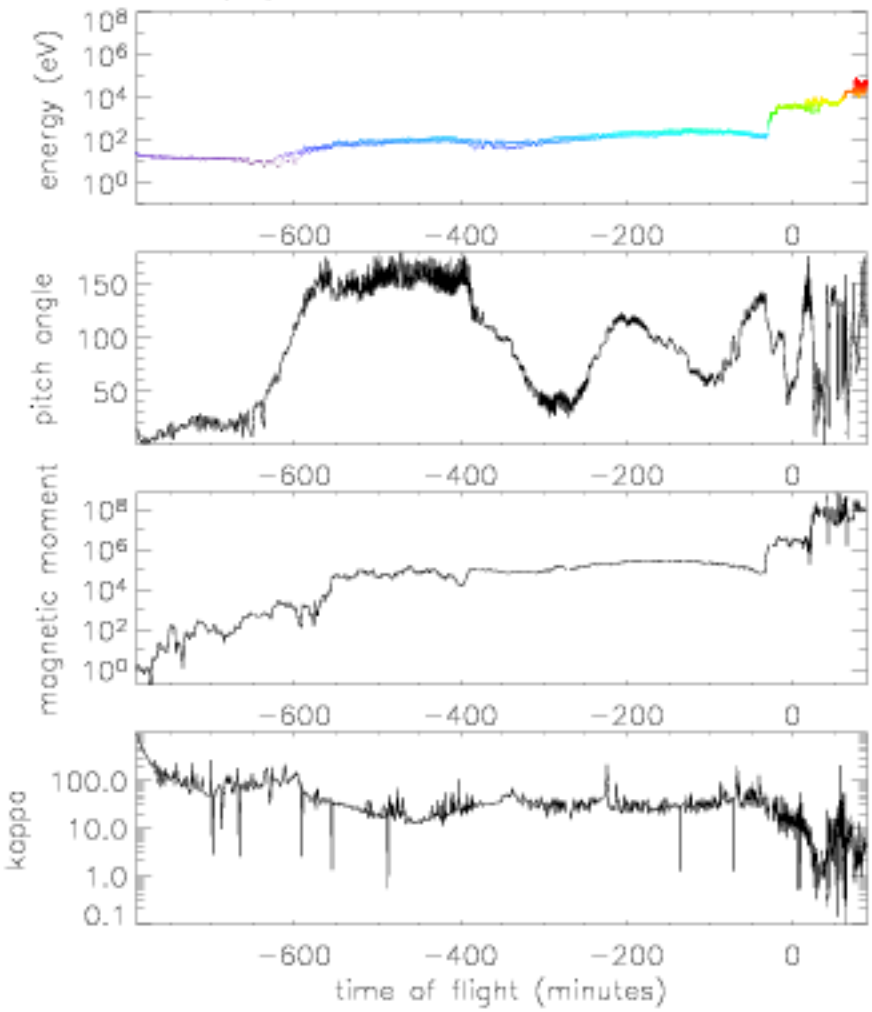
Particle code of D. Delcourt







Start, Stop Parameters:

Time (minute): −789.8, 88.2
Magnetic local time: 9.703, 22.800
Magnetic latitude: −69.430, 17.310
Distance (Re): 1.16, 70.01
Energy (eV): 23.66, 46290.00
Pitch angle: 12.190, 119.400
Tilt angle (deg): 0.000

file: particle0000412.full

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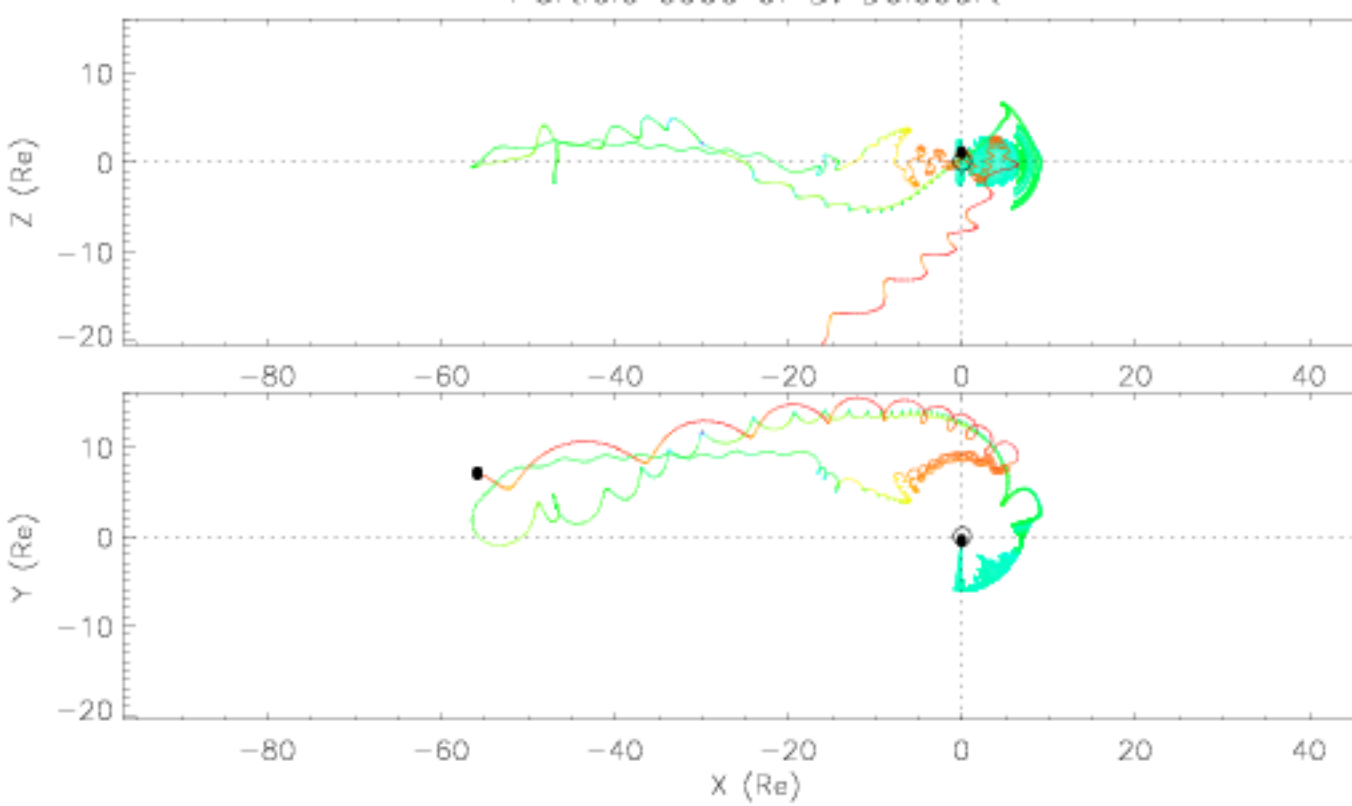

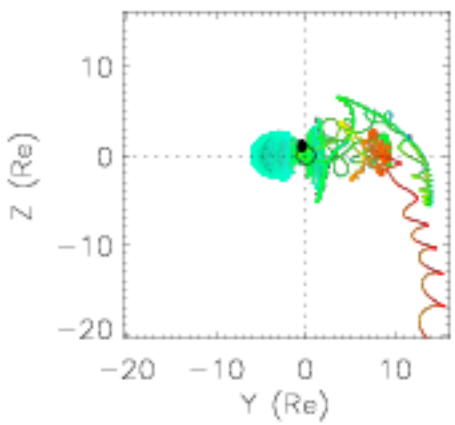

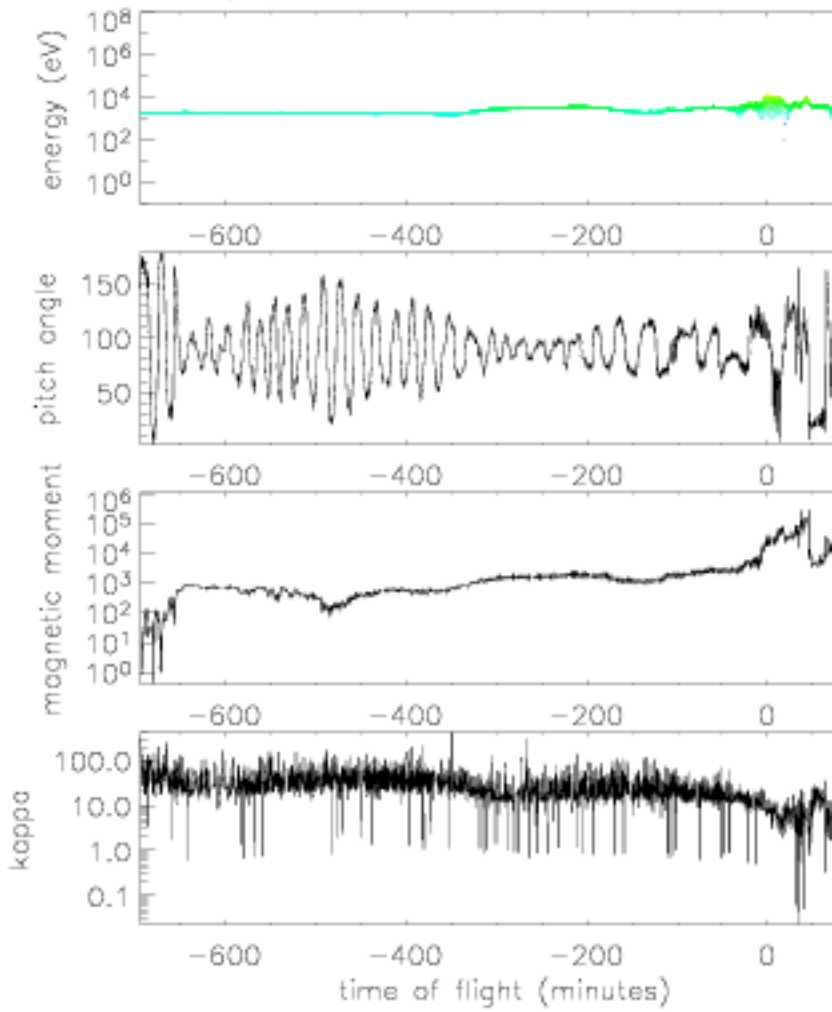

Start, Stop Parameters:

Time (minute): −692.5, 113.1
Magnetic local time: 5.381, 23.520
Magnetic latitude: 65.010,−36.470
Distance (Re): 1.16, 70.01
Energy (eV): 2032.00, 50140.00
Pitch angle: 145.900, 45.380
Tilt angle (deg): 0.000

file: particle0024783.full

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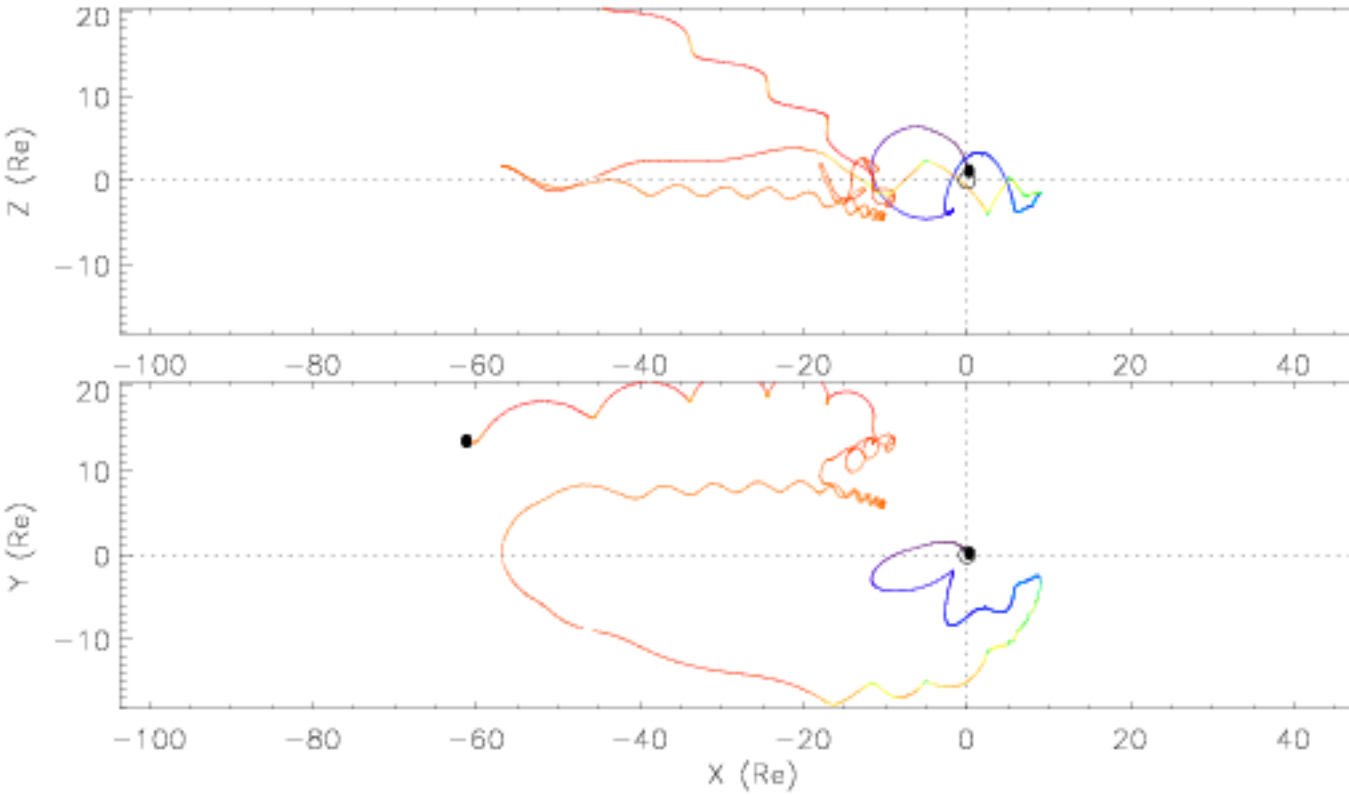

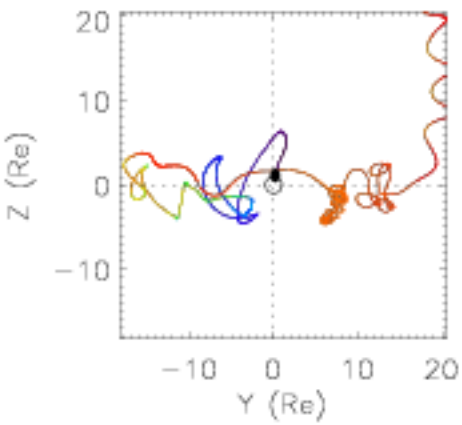

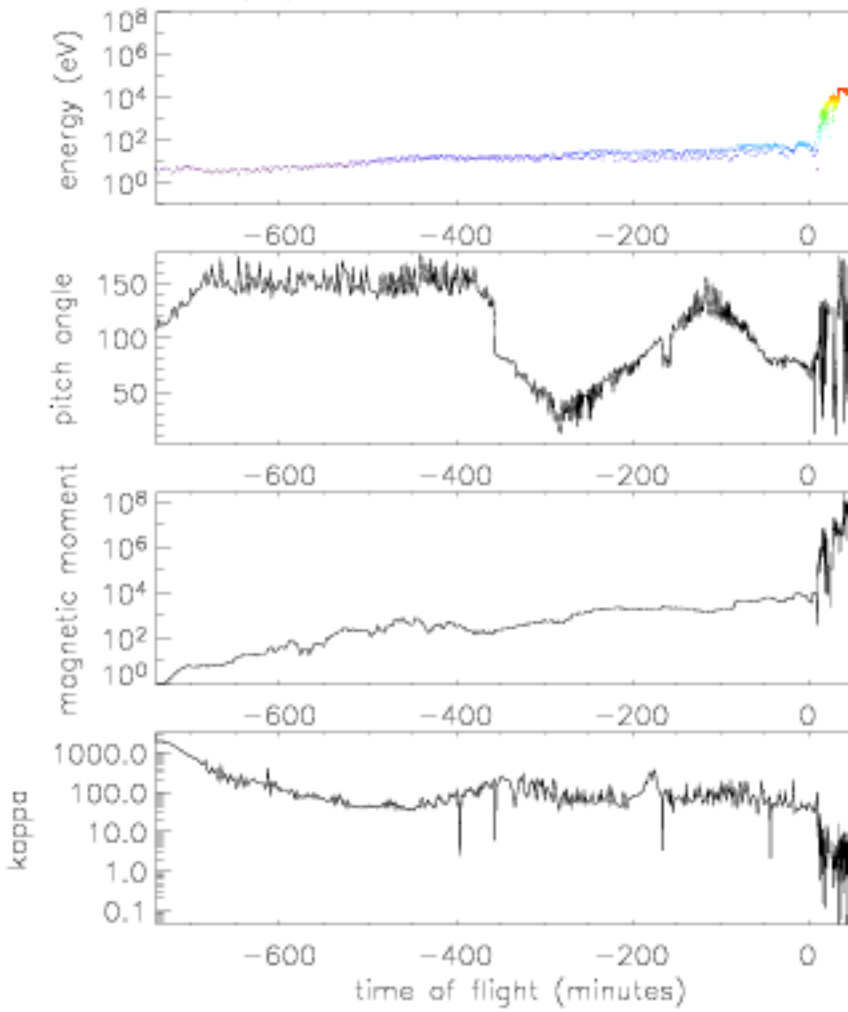

Start, Stop Parameters:

Time (minute): −739.8, 88.2
Magnetic local time: 14.400, 23.170
Magnetic latitude: 74.710, 26.410
Distance (Re): 1.16, 70.00
Energy (eV): 4.80, 24710.00
Pitch angle: 107.700, 141.300
Tilt angle (deg): 0.000

file: particle0051117.full

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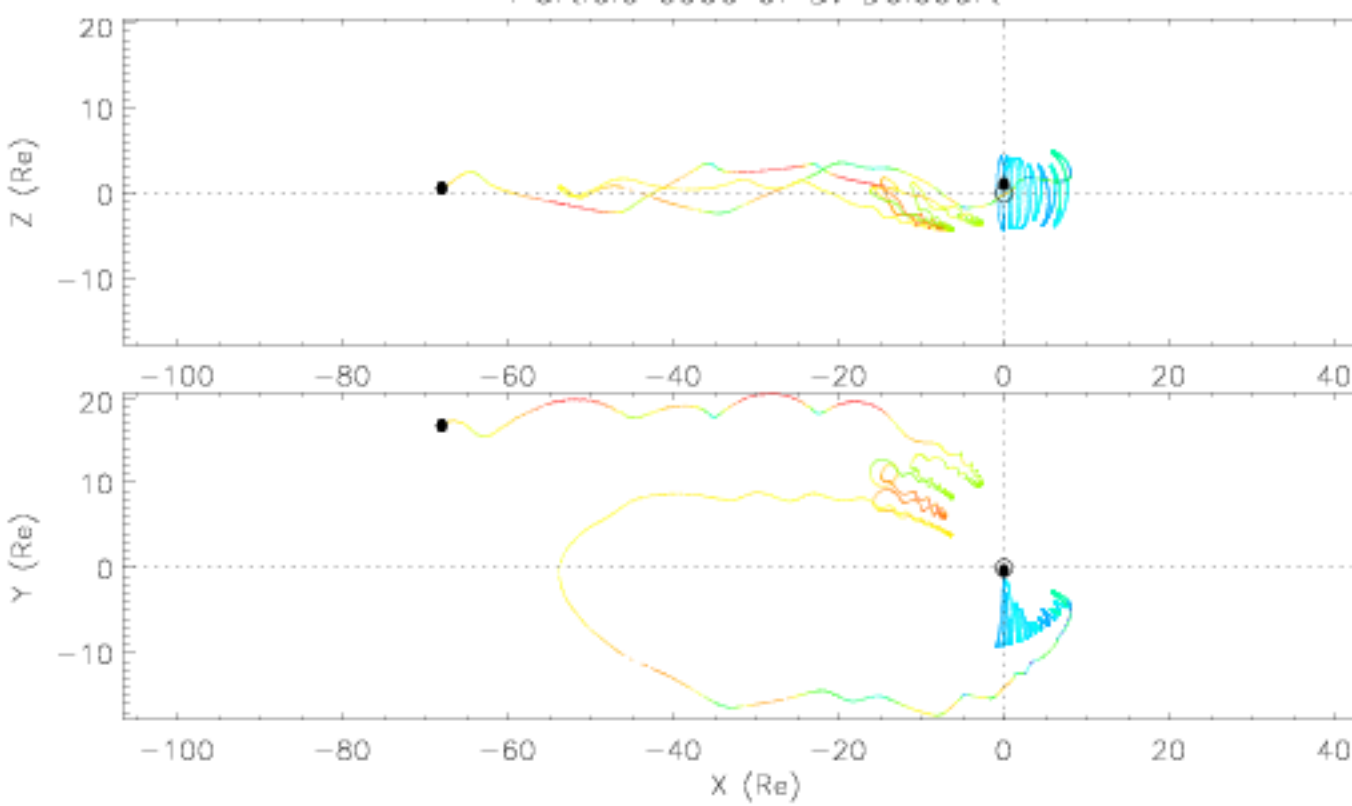

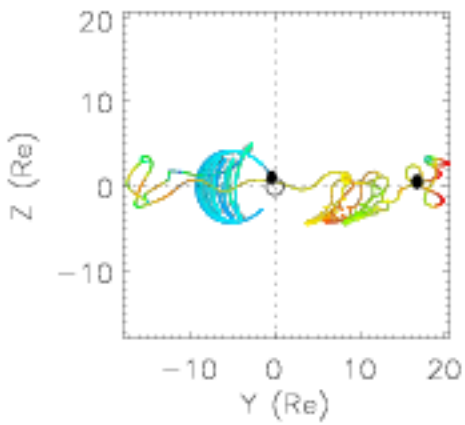

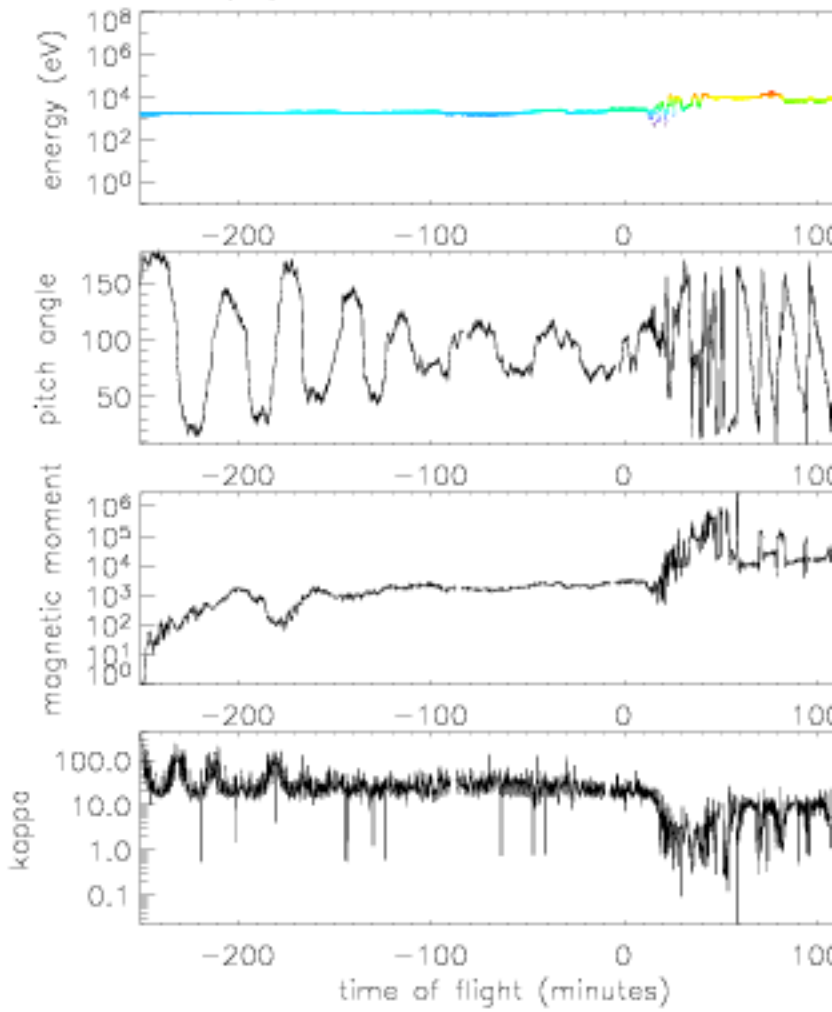

Start, Stop Parameters:

Time (minute): −250.3, 127.5
Magnetic local time: 5.745, 23.080
Magnetic latitude: 72.440, 0.499
Distance (Re): 1.16, 70.04
Energy (eV): 1756.00, 10730.00
Pitch angle: 147.300, 105.500
Tilt angle (deg): 0.000

file: particle0072265.full

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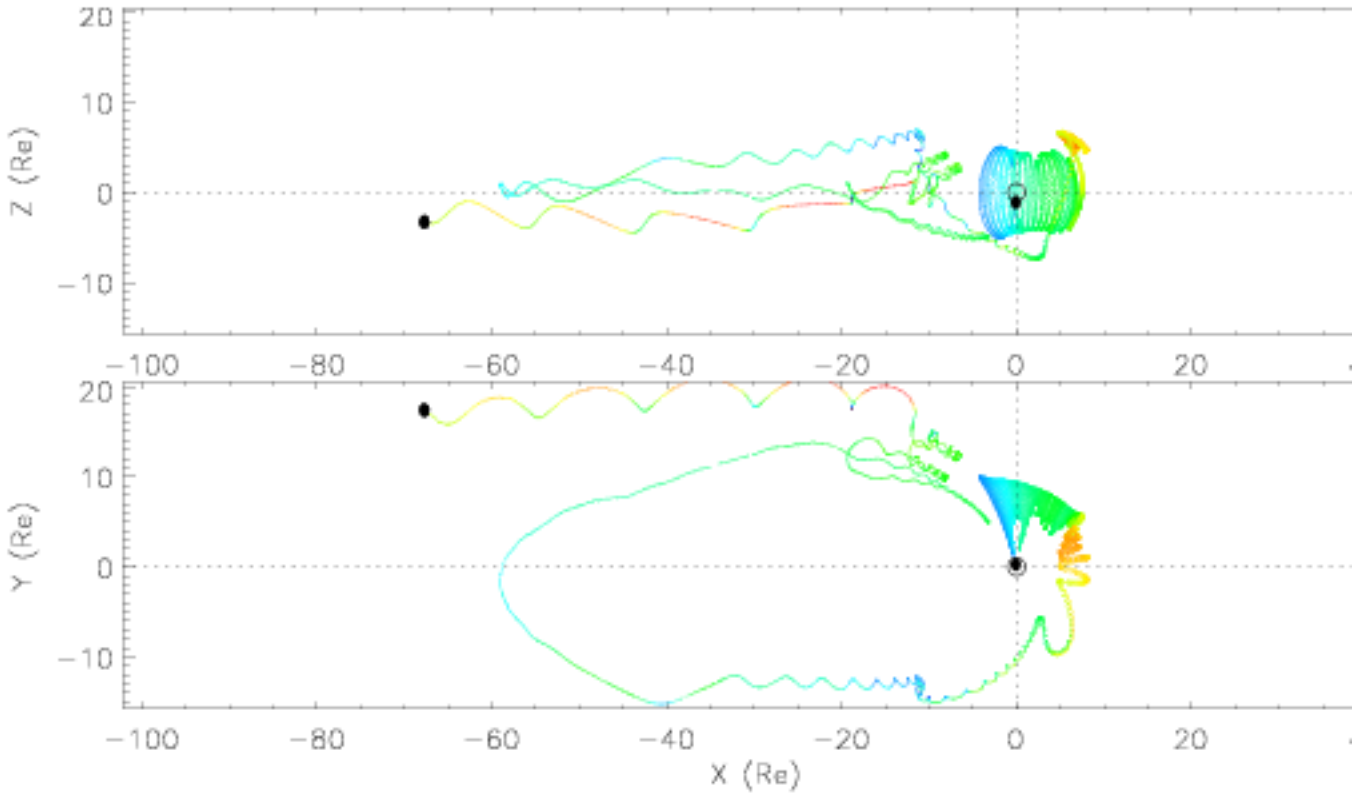

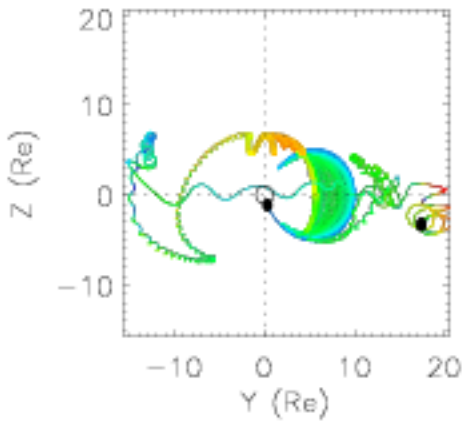

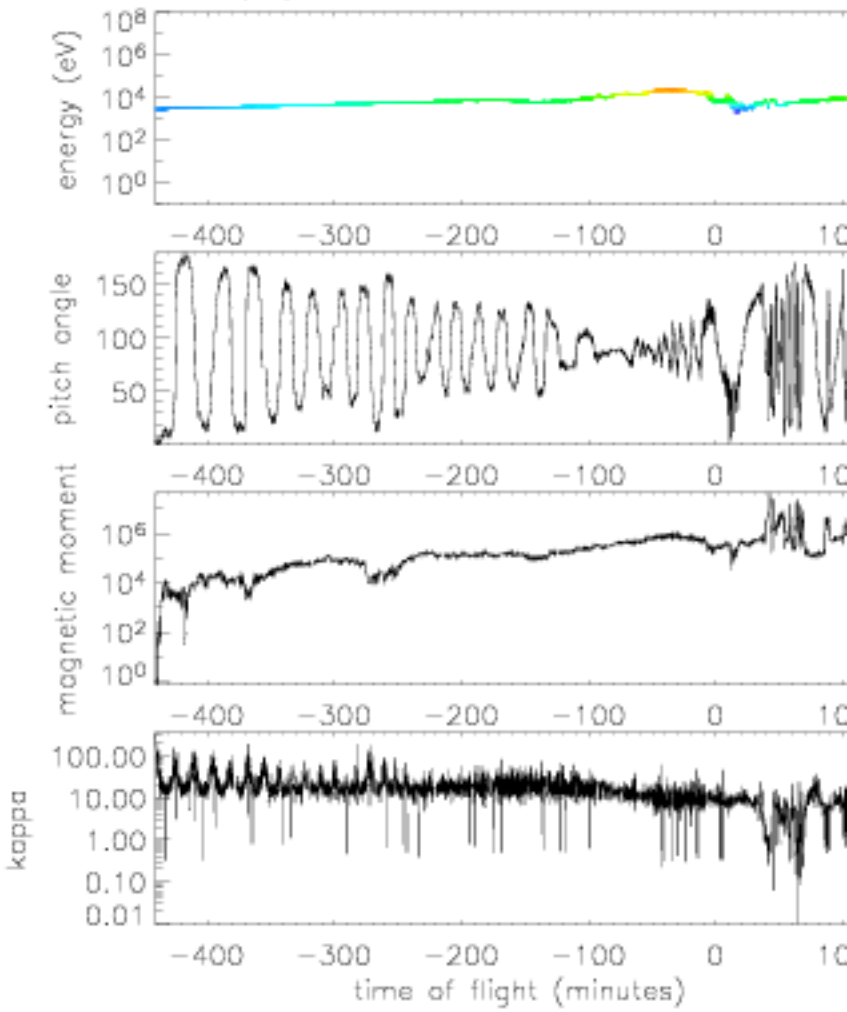

Start, Stop Parameters:

Time (minute): −440.5, 133.1
Magnetic local time: 19.100, 23.040
Magnetic latitude: −74.730, −2.683
Distance (Re): 1.16, 70.00
Energy (eV): 3057.00, 15520.00
Pitch angle: 4.798, 41.220
Tilt angle (deg): 0.000

file: particle0107750.full

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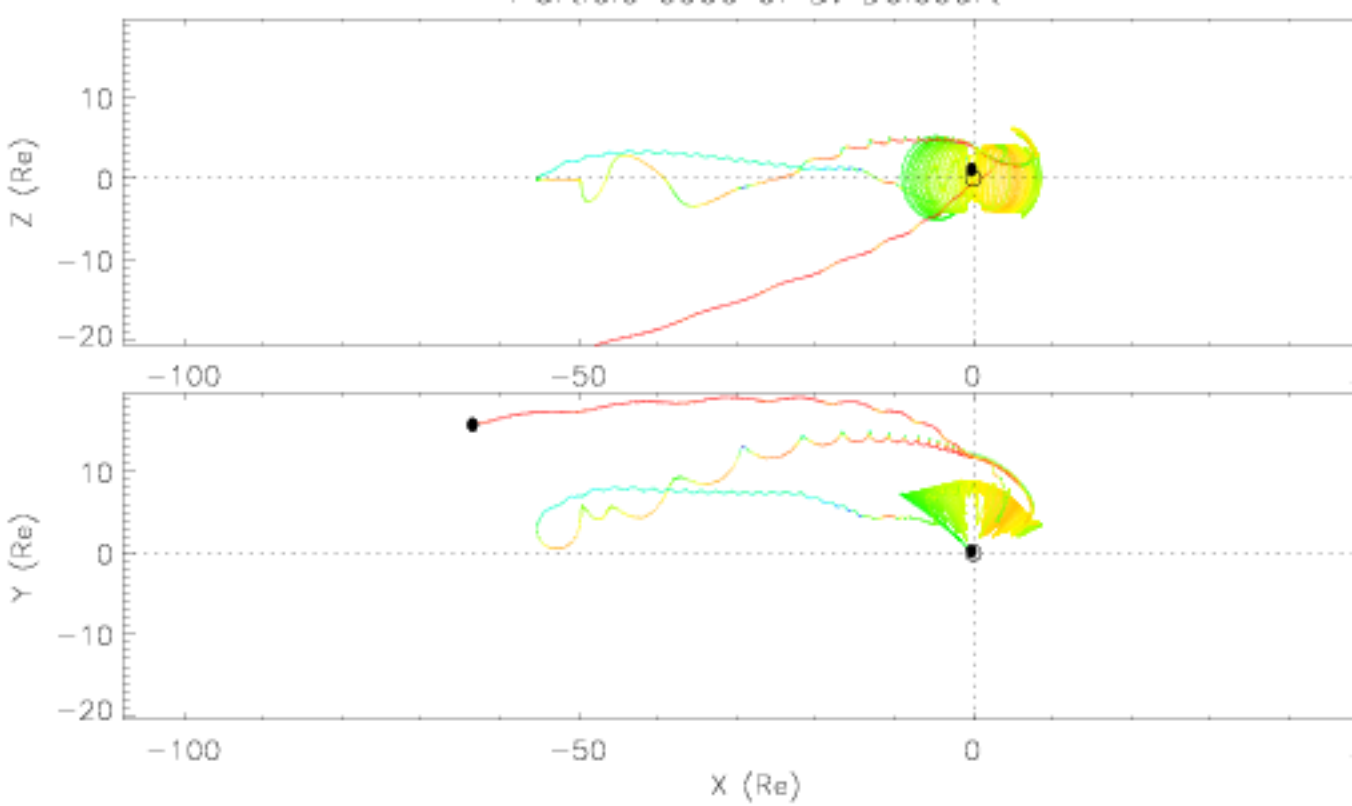

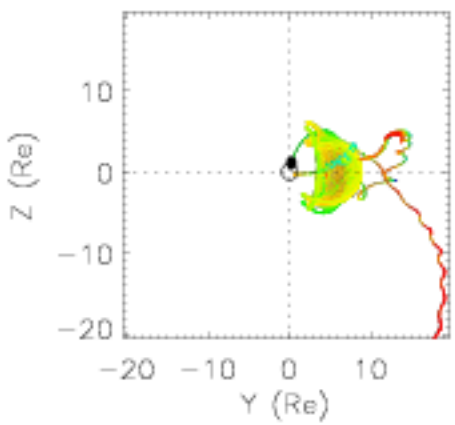

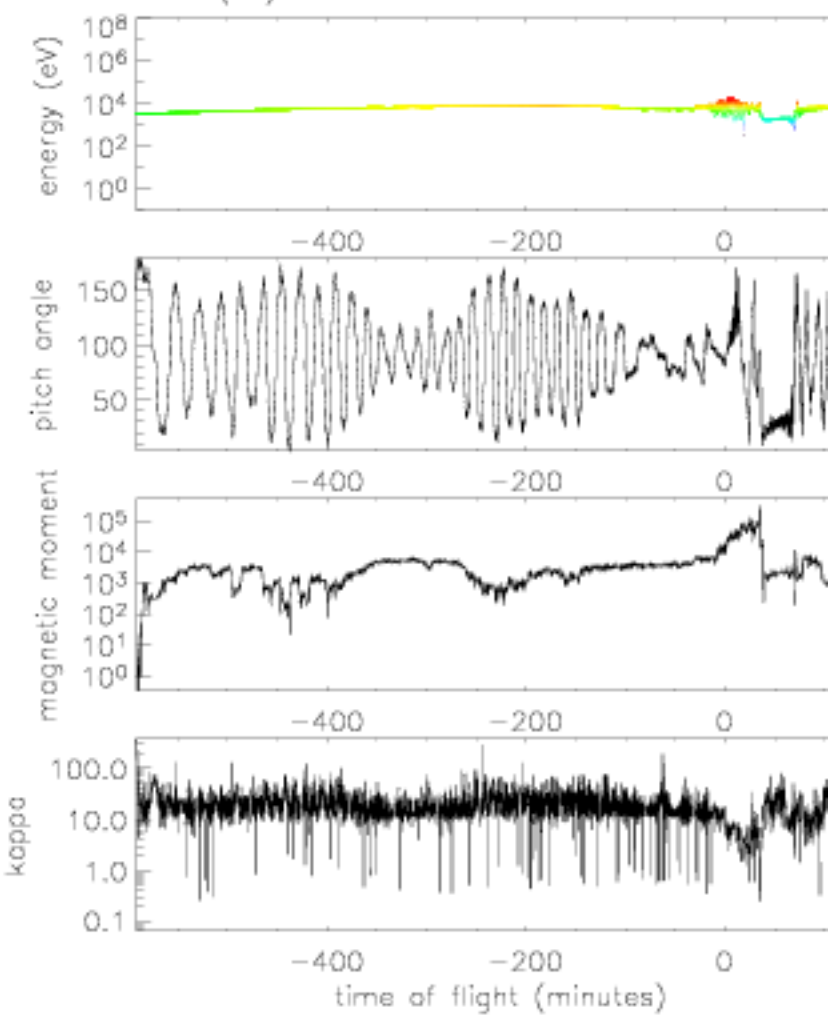

Start, Stop Parameters:

Time (minute): −591.5, 142.0
Magnetic local time: 21.140, 23.070
Magnetic latitude: 74.750,−20.960
Distance (Re): 1.16, 70.00
Energy (eV): 3191.00, 14600.00
Pitch angle: 150.300, 38.360
Tilt angle (deg): 0.000

file: particle0108551.full

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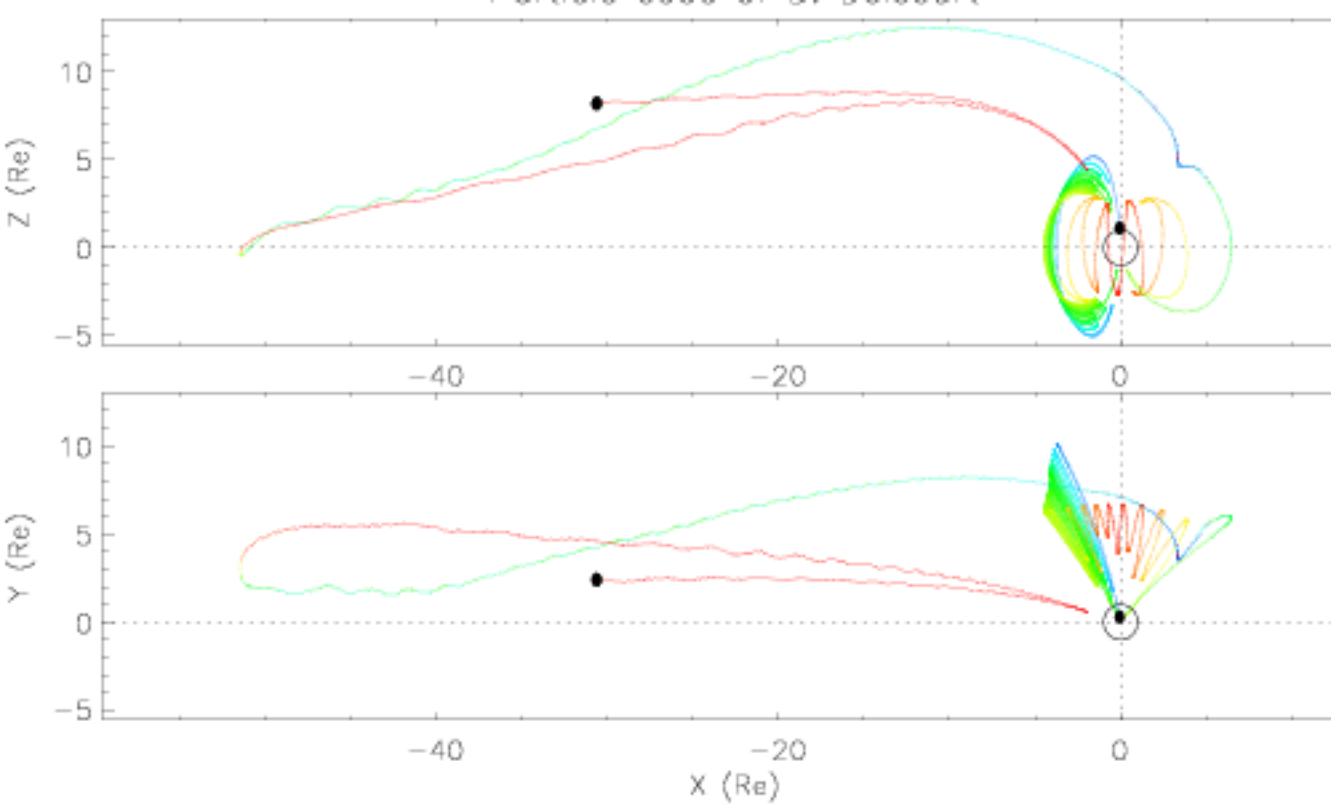
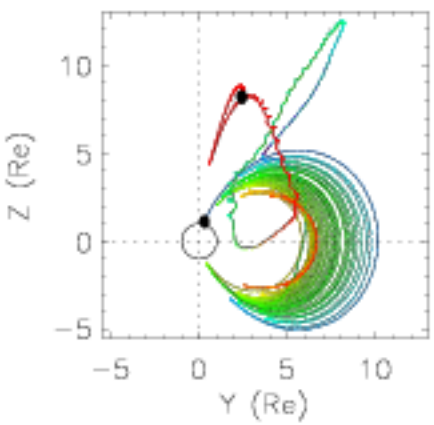
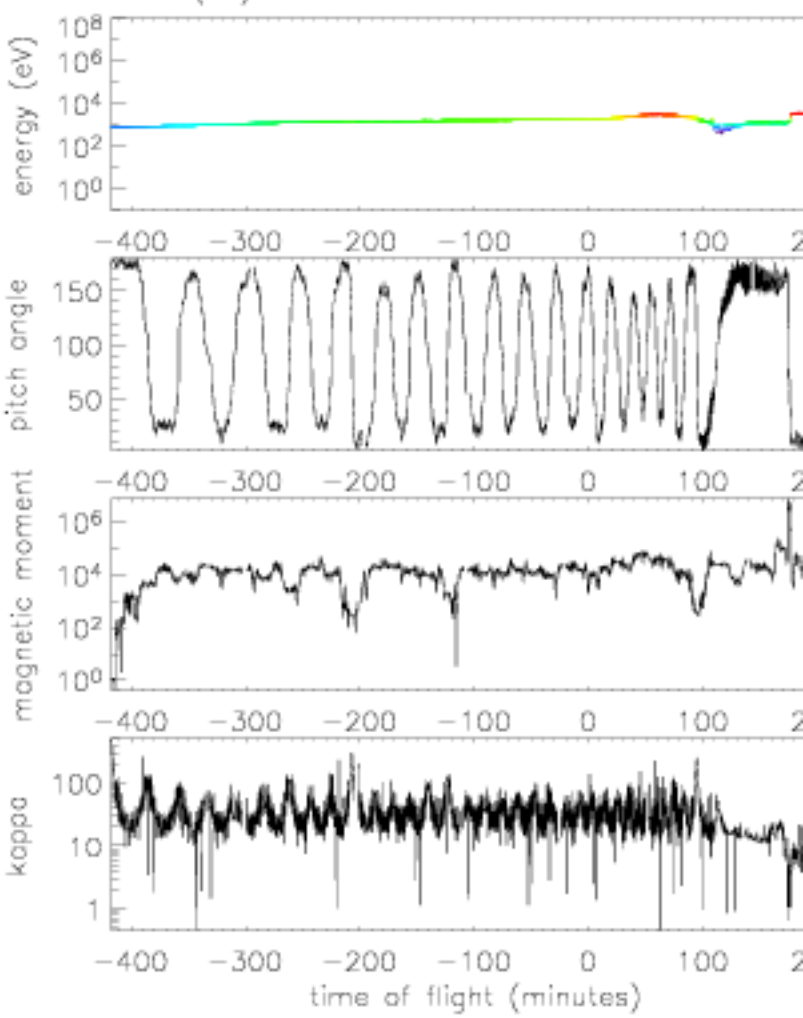




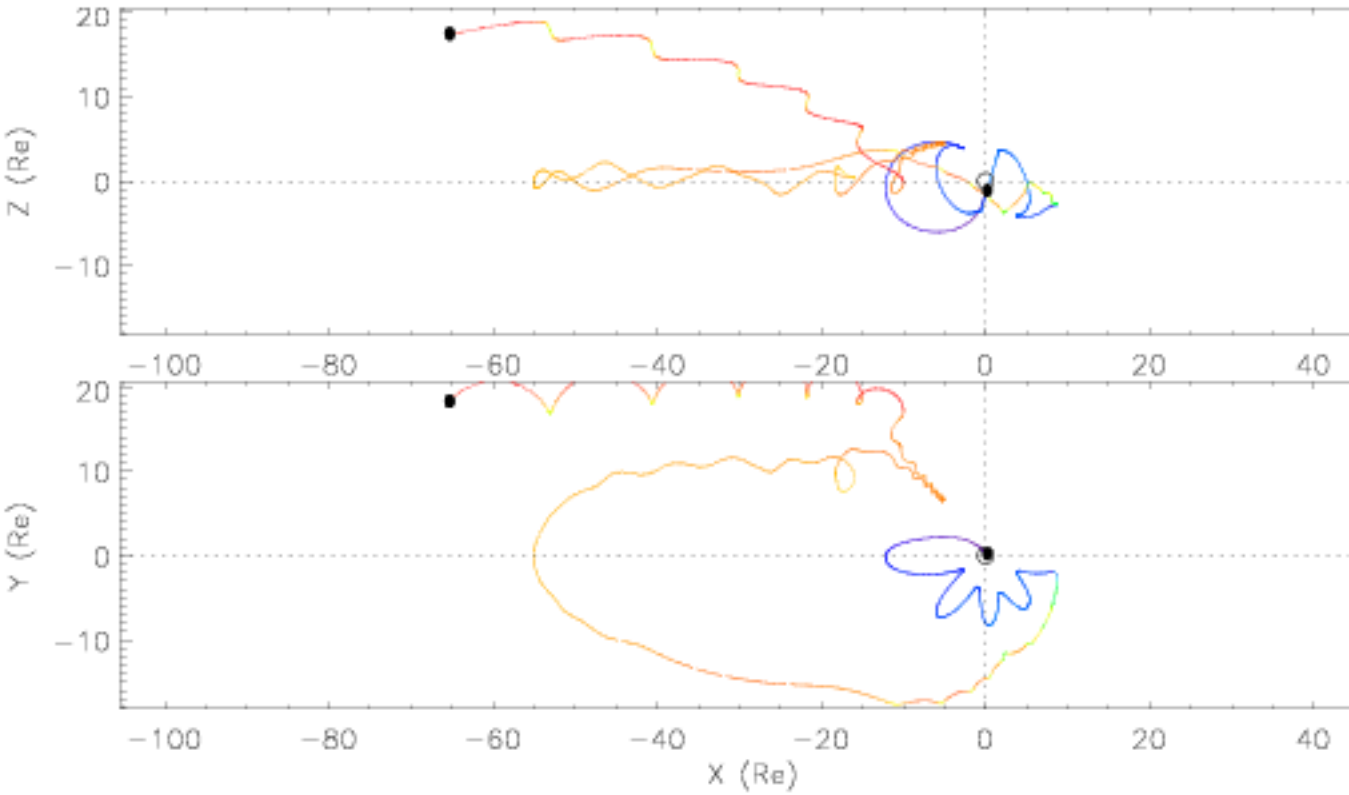


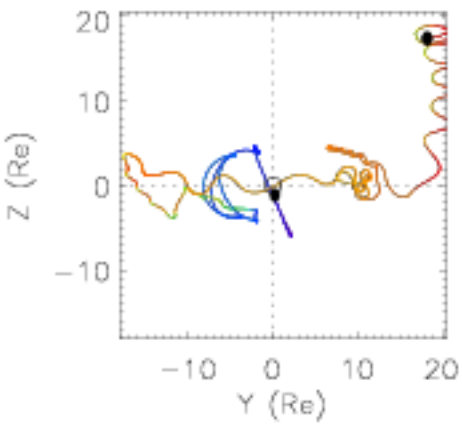
Start, Stop Parameters:

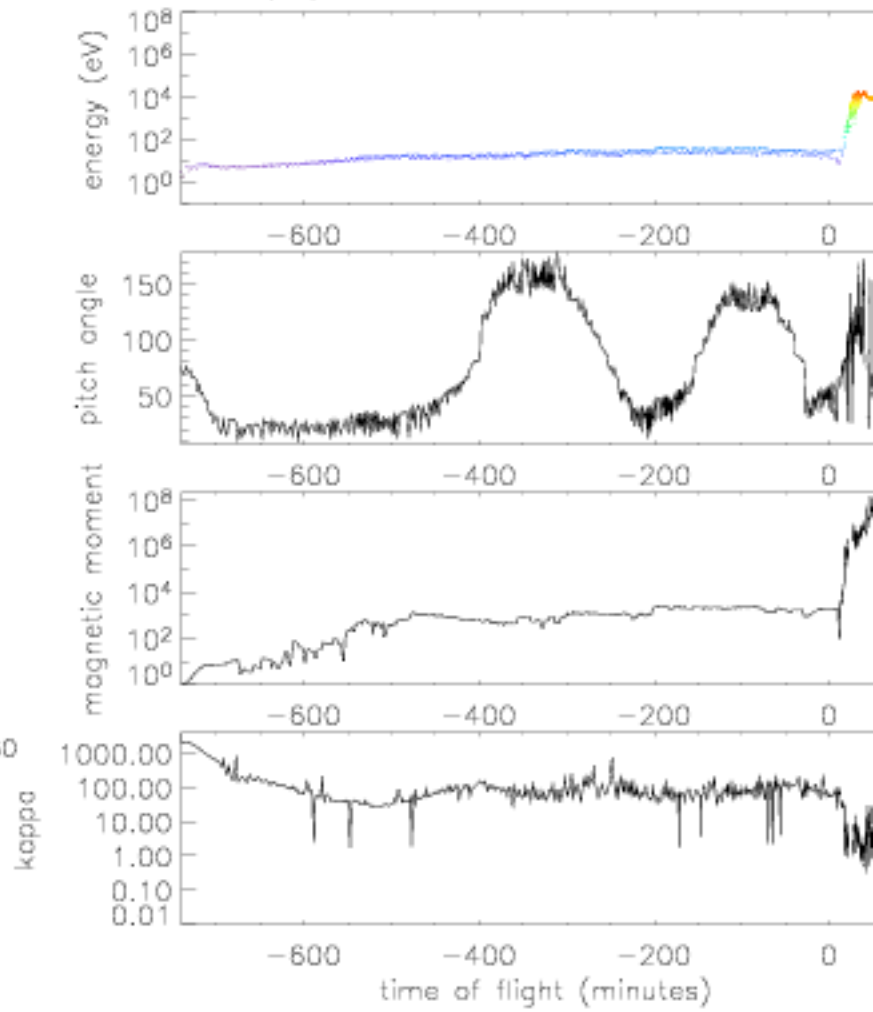
Time (minute): −417.2, 220.8
Magnetic local time: 18.790, 23.700
Magnetic latitude: 74.950, 14.920
Distance (Re): 1.16, 31.78
Energy (eV): 776.60, 3630.00
Pitch angle: 173.700, 174.500
Tilt angle (deg): 0.000

file: particle0143255.full

Fri Jun 17 09:50:36 2005







Start, Stop Parameters:

Time (minute): −739.7, 93.2
Magnetic local time: 14.980, 22.960
Magnetic latitude: −74.920, 14.410
Distance (Re): 1.16, 70.01
Energy (eV): 3.80, 23720.00
Pitch angle: 76.640, 95.130
Tilt angle (deg): 0.000

file: particle0169858.full

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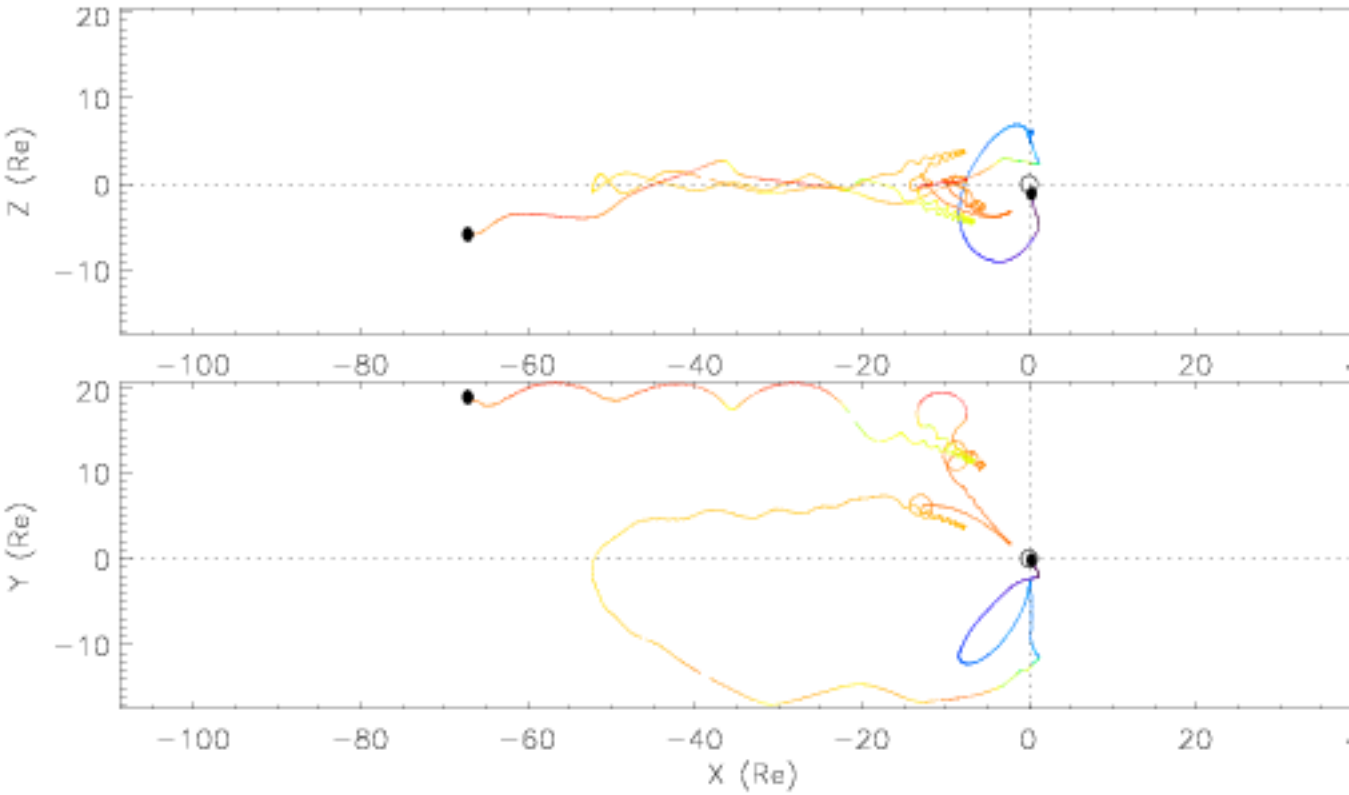

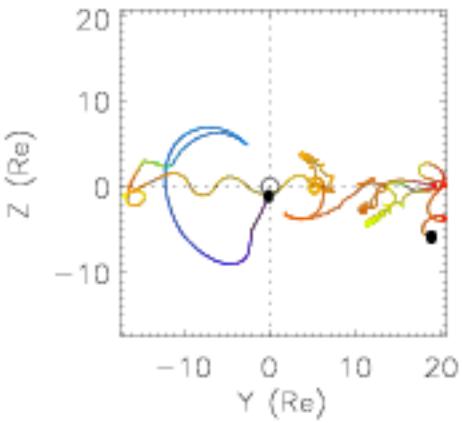

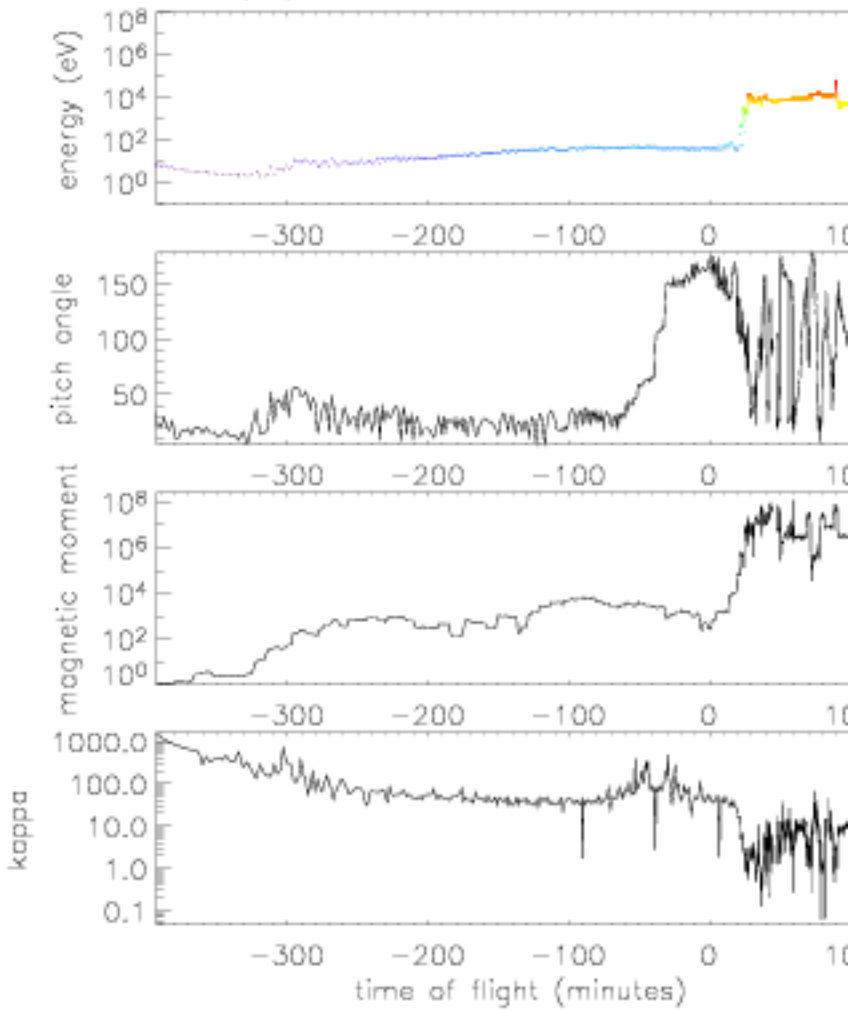

Start, Stop Parameters:

Time (minute): −392.8, 125.7
Magnetic local time: 10.120, 22.960
Magnetic latitude: −73.340, −4.779
Distance (Re): 1.16, 70.01
Energy (eV): 8.78, 17320.00
Pitch angle: 33.870, 47.060
Tilt angle (deg): 0.000

file: particle0192098.full

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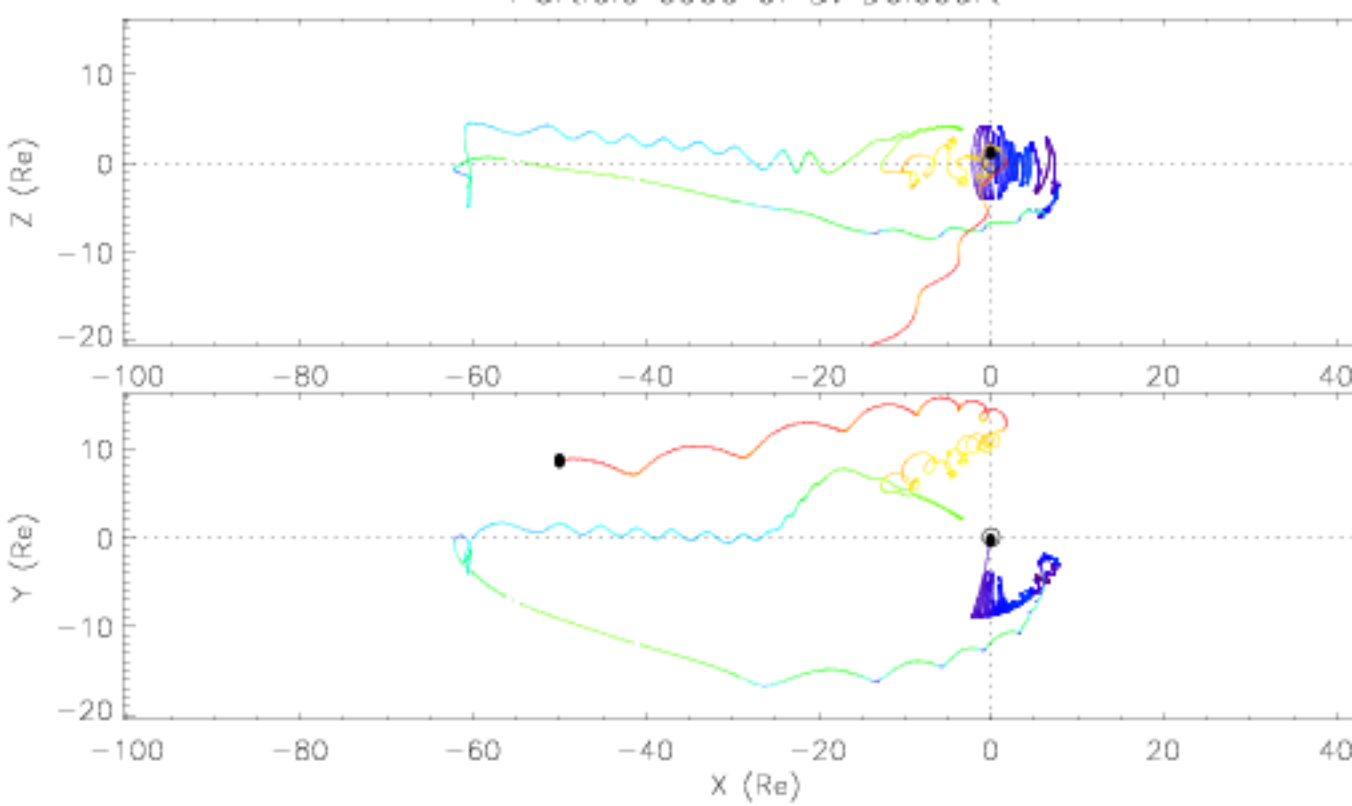

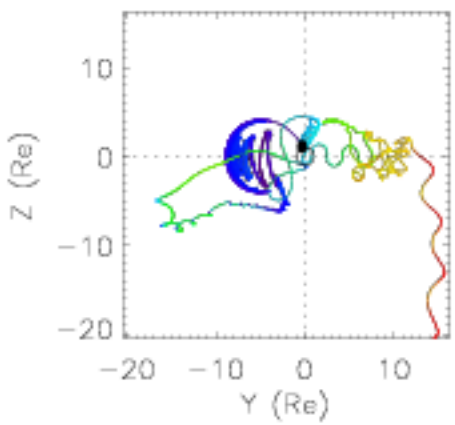

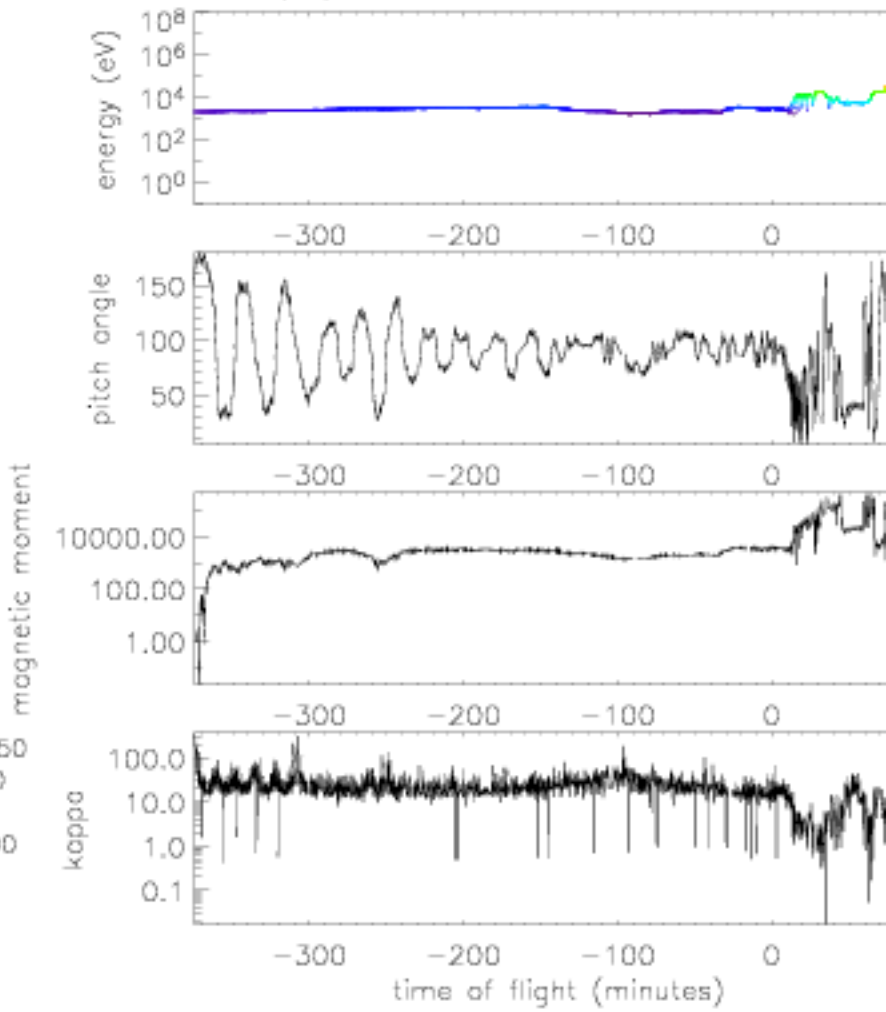

Start, Stop Parameters:

Time (minute): −374.7, 98.5
Magnetic local time: 5.187, 23.350
Magnetic latitude: 71.950,−43.560
Distance (Re): 1.16, 70.01
Energy (eV): 2210.00, 77130.00
Pitch angle: 150.000, 42.880
Tilt angle (deg): 0.000

file: particle0286333.full

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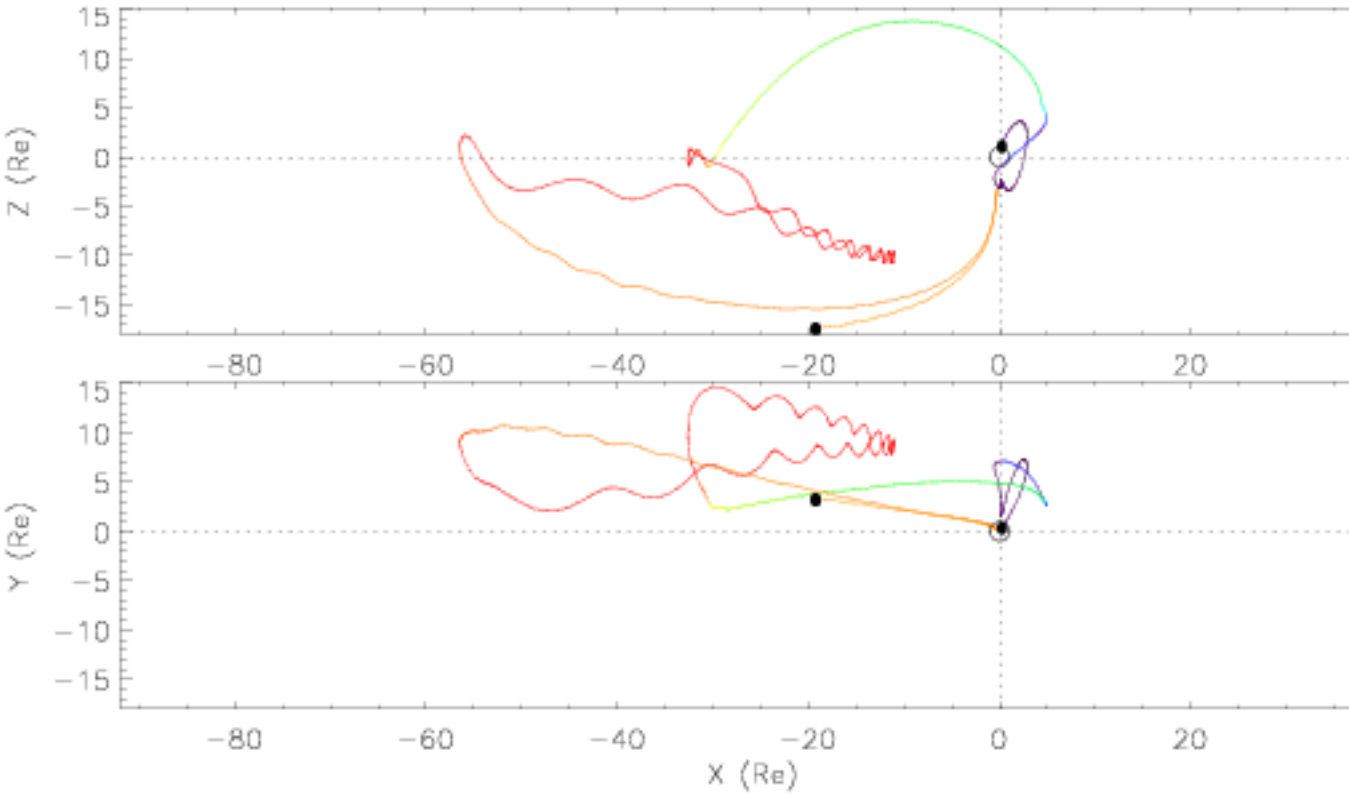

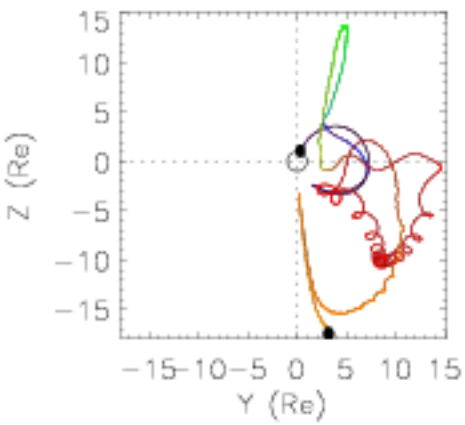

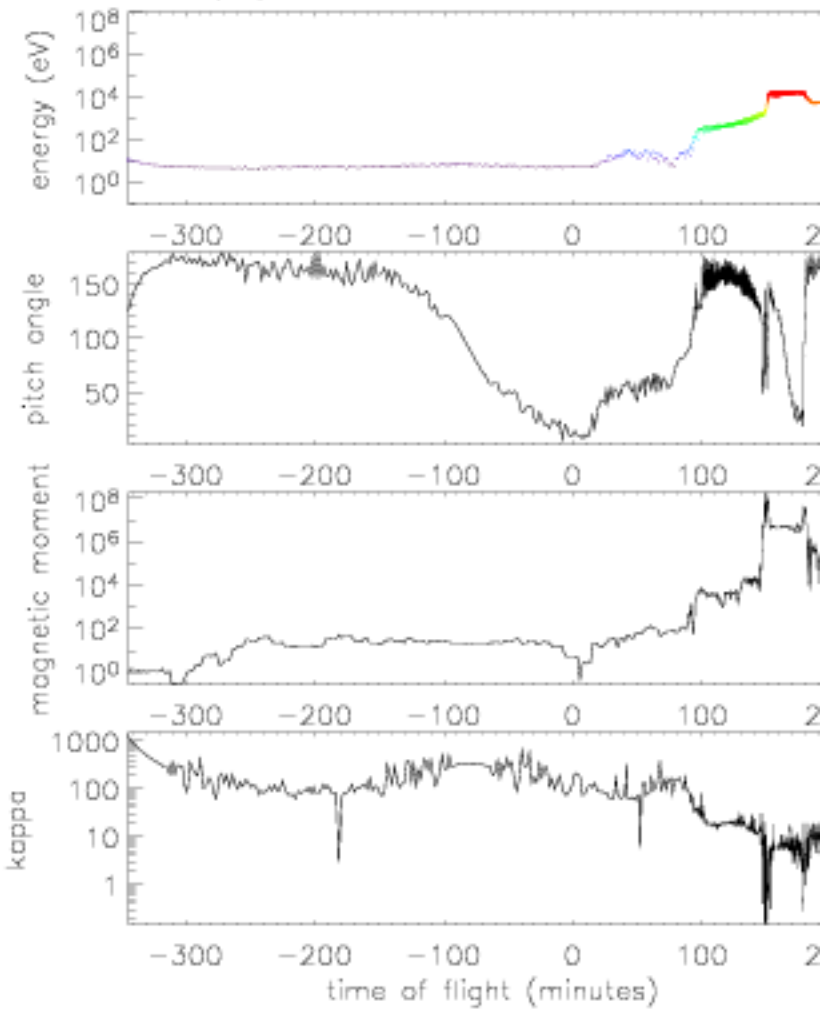

Start, Stop Parameters:

Time (minute): −344.3, 220.8
Magnetic local time: 15.690, 23.370
Magnetic latitude: 69.220,−41.870
Distance (Re): 1.16, 26.20
Energy (eV): 11.04, 5243.00
Pitch angle: 129.800, 19.530
Tilt angle (deg): 0.000

file: particle0341413.full

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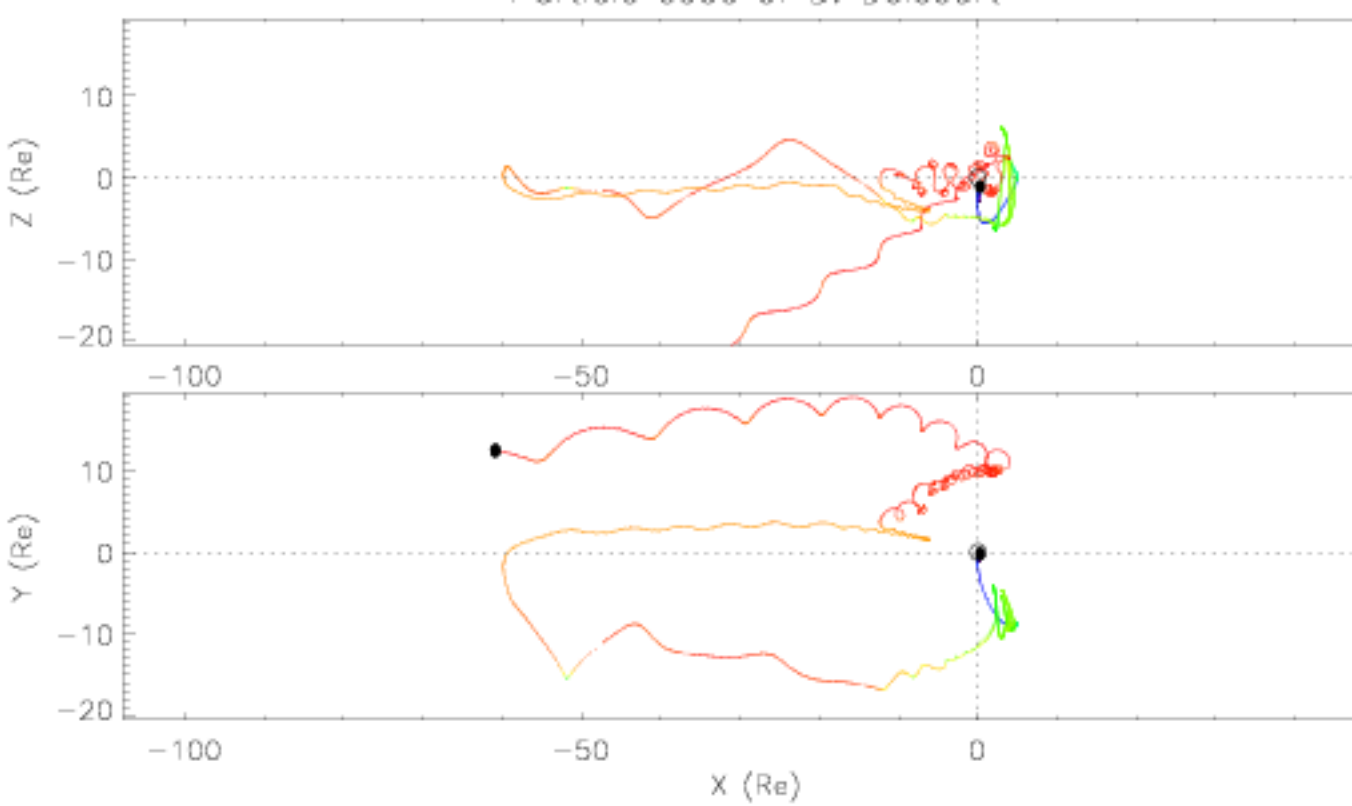

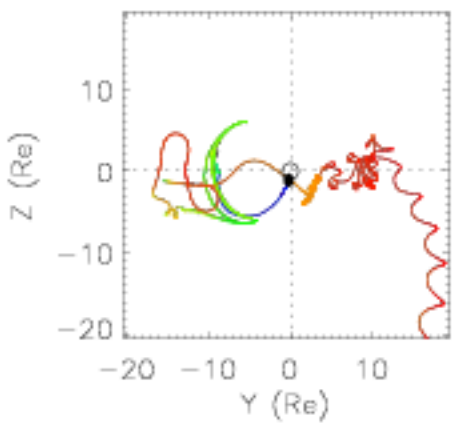

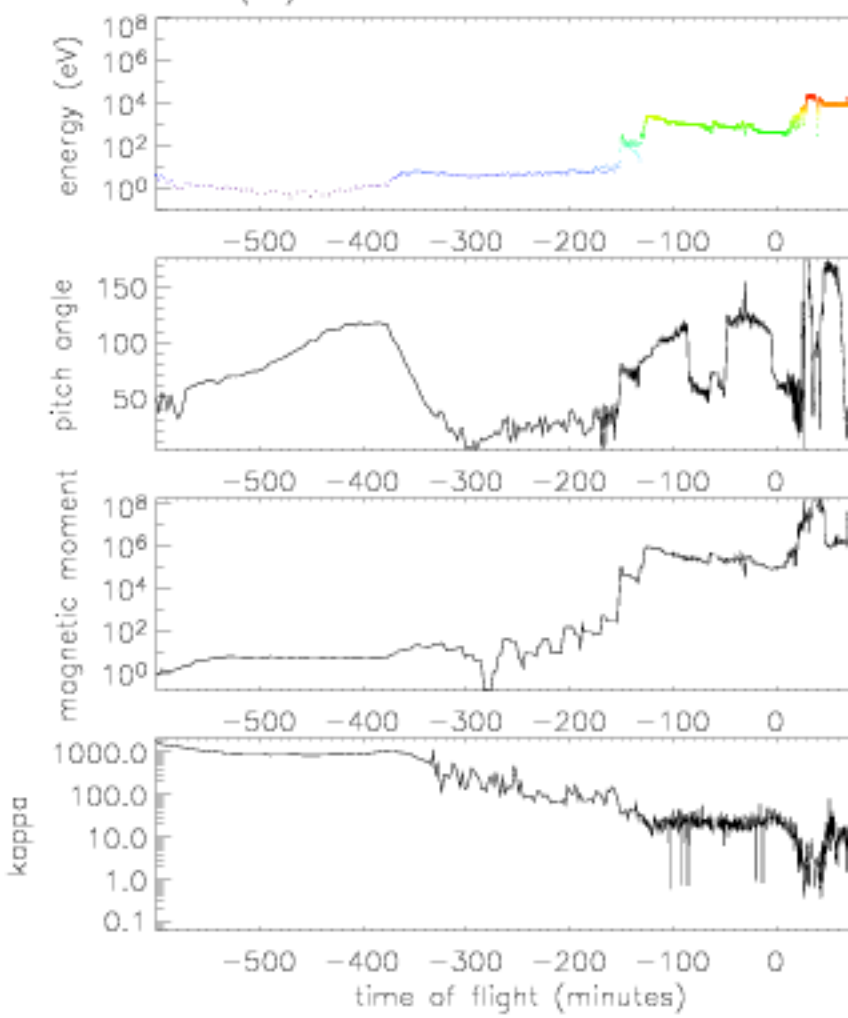

Start, Stop Parameters:

Time (minute): −599.3, 106.2
Magnetic local time: 9.547, 23.230
Magnetic latitude: −73.110, −27.470
Distance (Re): 1.16, 70.00
Energy (eV): 4.60, 40550.00
Pitch angle: 48.010, 54.230
Tilt angle (deg): 0.000

file: particle0342728.full

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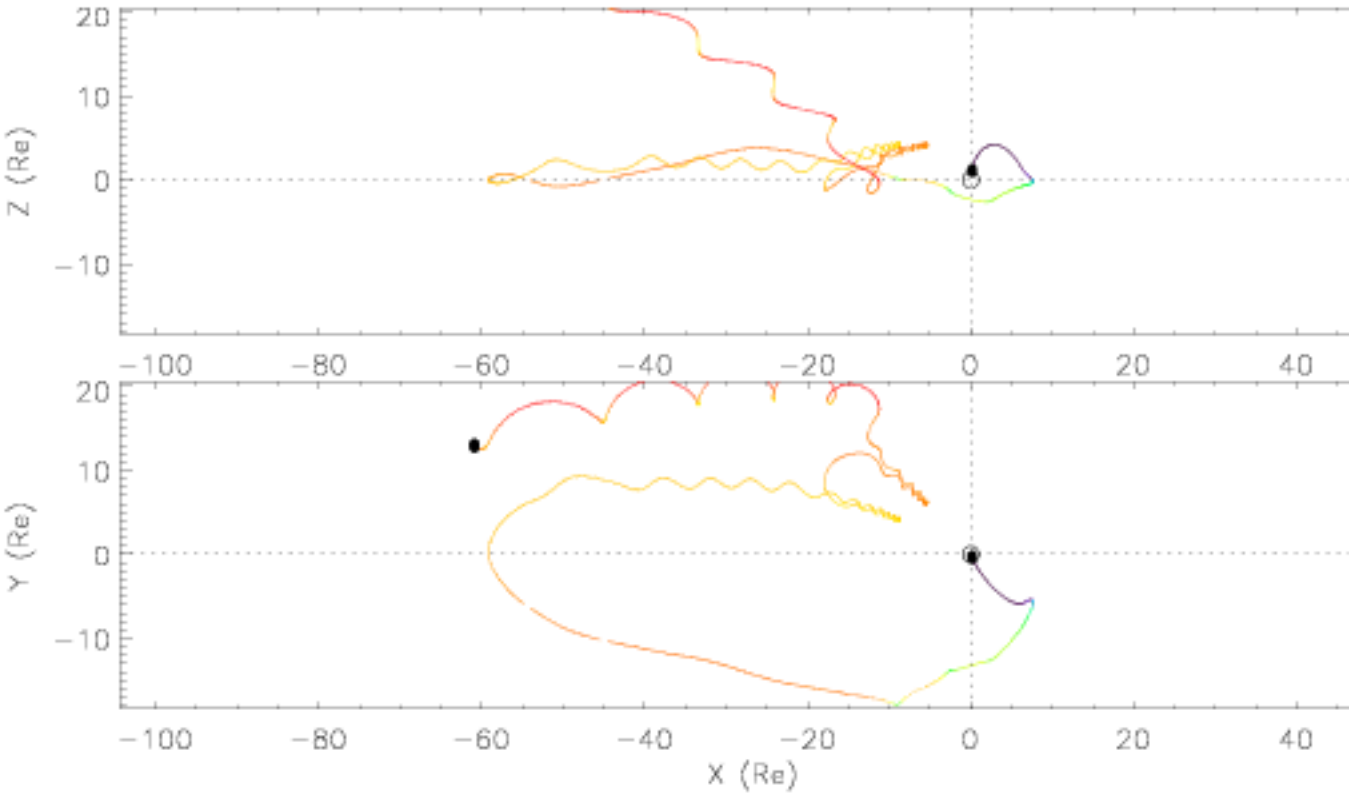

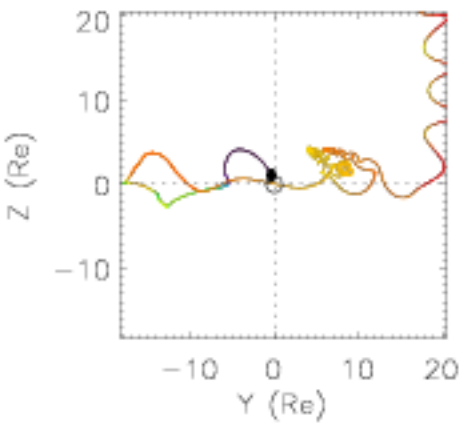

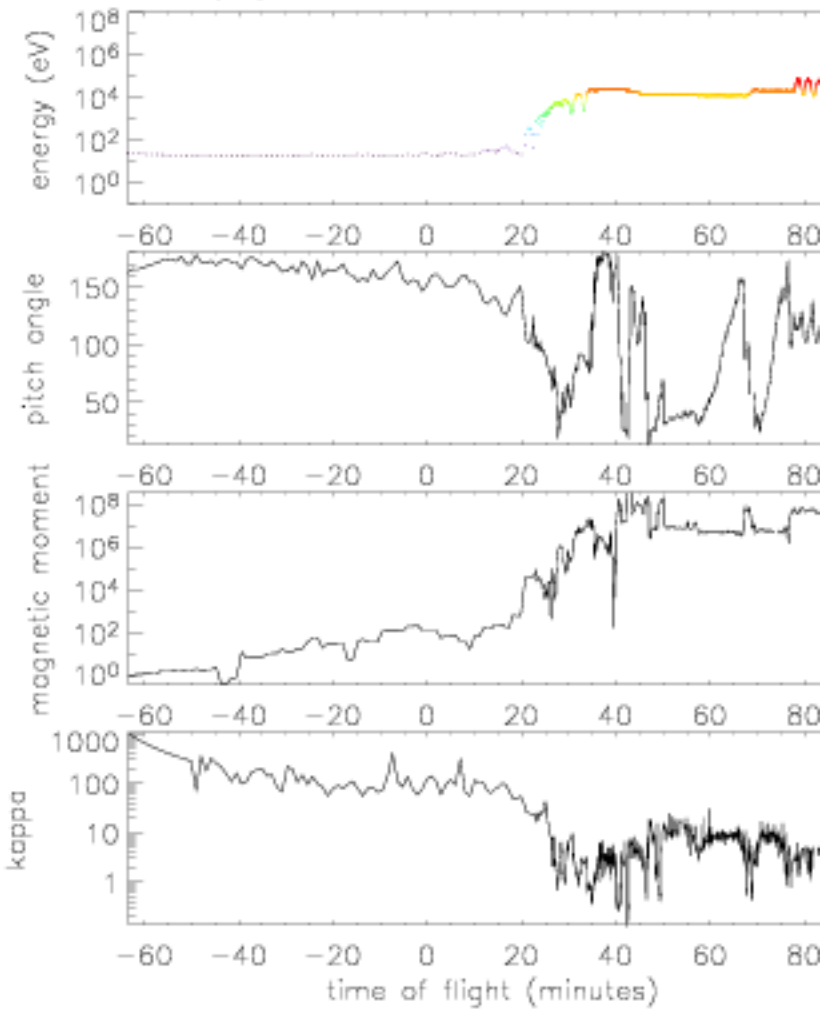

Start, Stop Parameters:

Time (minute): −63.4, 91.4
Magnetic local time: 7.662, 23.200
Magnetic latitude: 71.550, 27.230
Distance (Re): 1.16, 70.01
Energy (eV): 25.73, 29190.00
Pitch angle: 161.100, 137.100
Tilt angle (deg): 0.000

file: particle0374857.full

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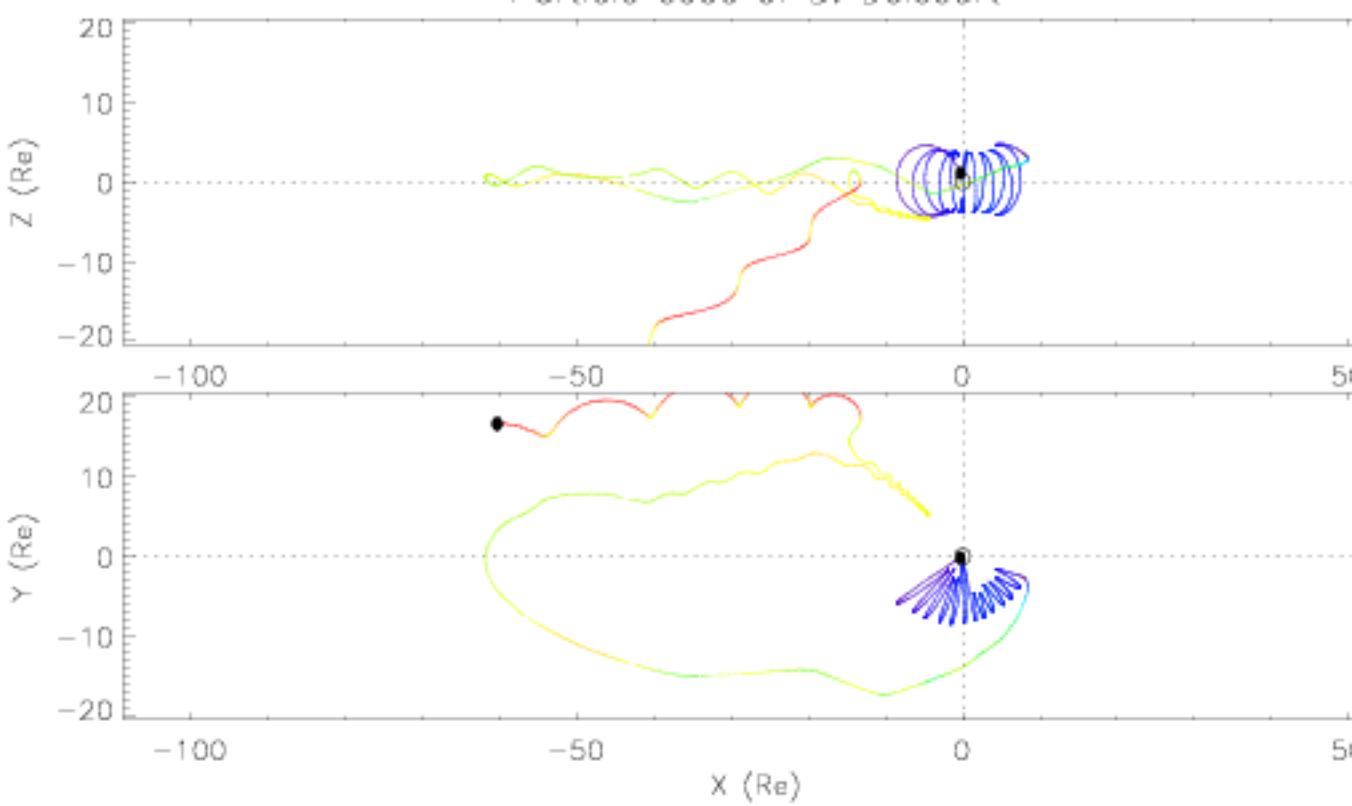

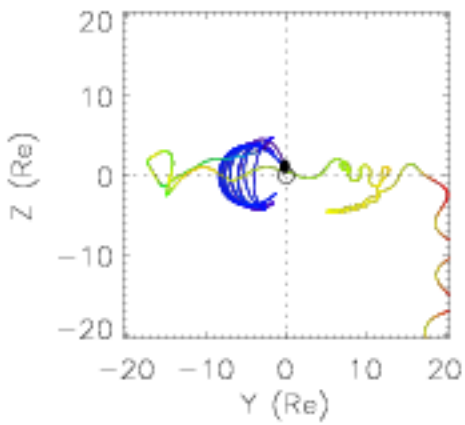

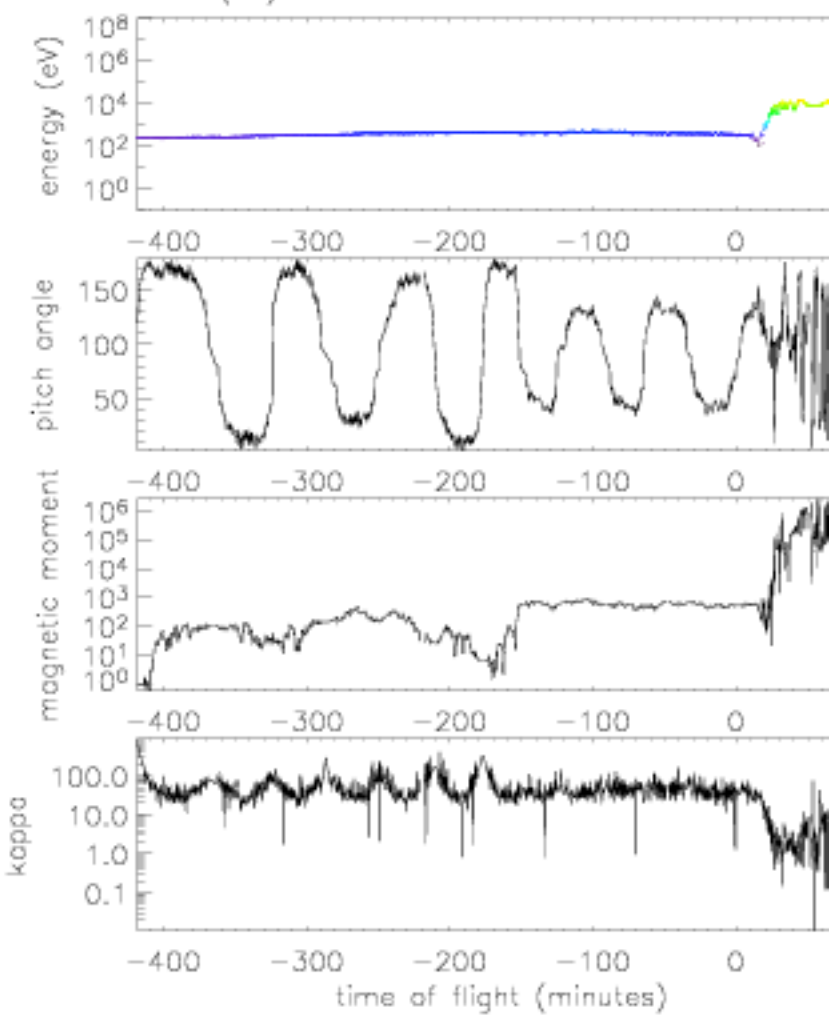

Start, Stop Parameters:

Time (minute): −418.2, 91.3
Magnetic local time: 2.155, 22.970
Magnetic latitude: 73.350,−26.800
Distance (Re): 1.16, 70.01
Energy (eV): 247.00, 50250.00
Pitch angle: 120.400, 57.840
Tilt angle (deg): 0.000

file: particle0375811.full

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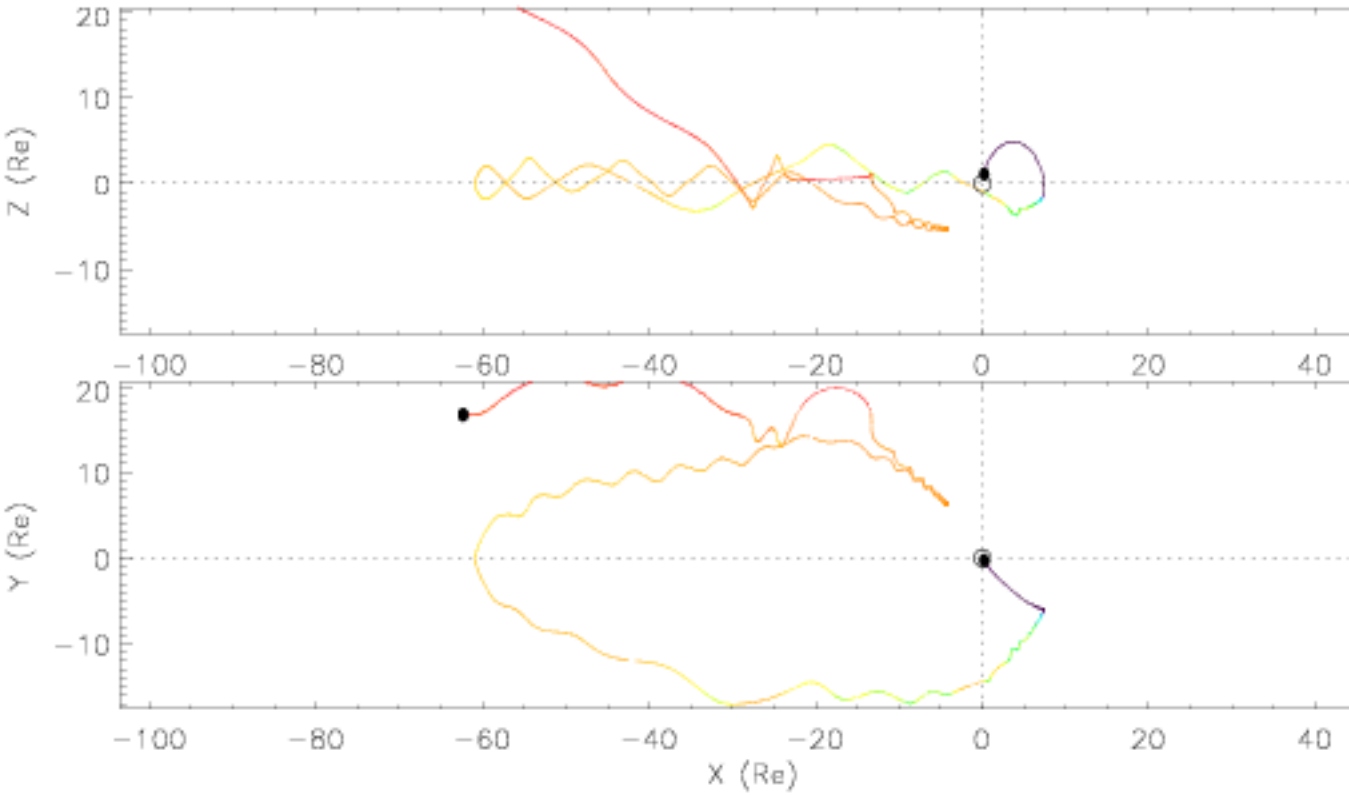

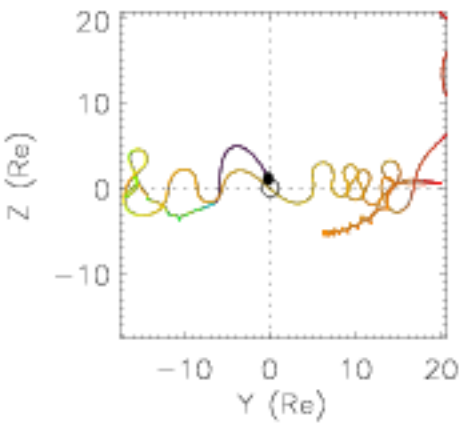

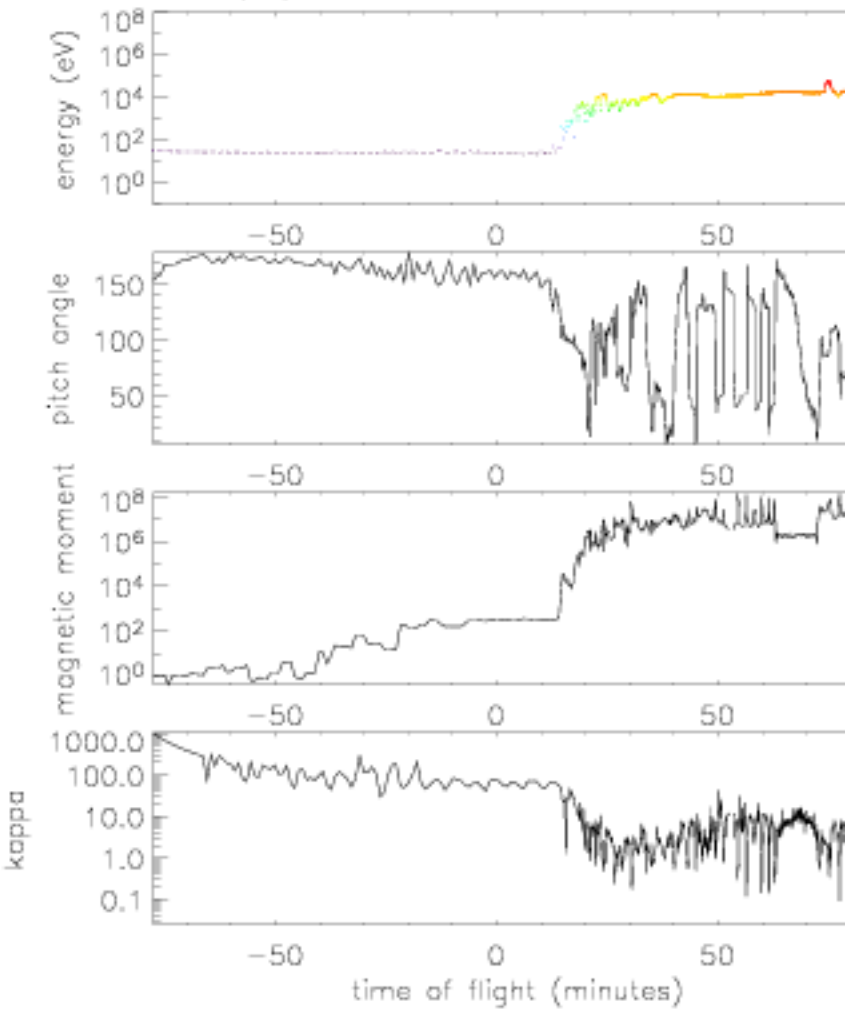

Start, Stop Parameters:

Time (minute): −77.6, 87.3
Magnetic local time: 8.593, 23.000
Magnetic latitude: 72.780, 22.780
Distance (Re): 1.16, 70.00
Energy (eV): 35.36, 36680.00
Pitch angle: 155.900, 148.200
Tilt angle (deg): 0.000

file: particle0379497.full

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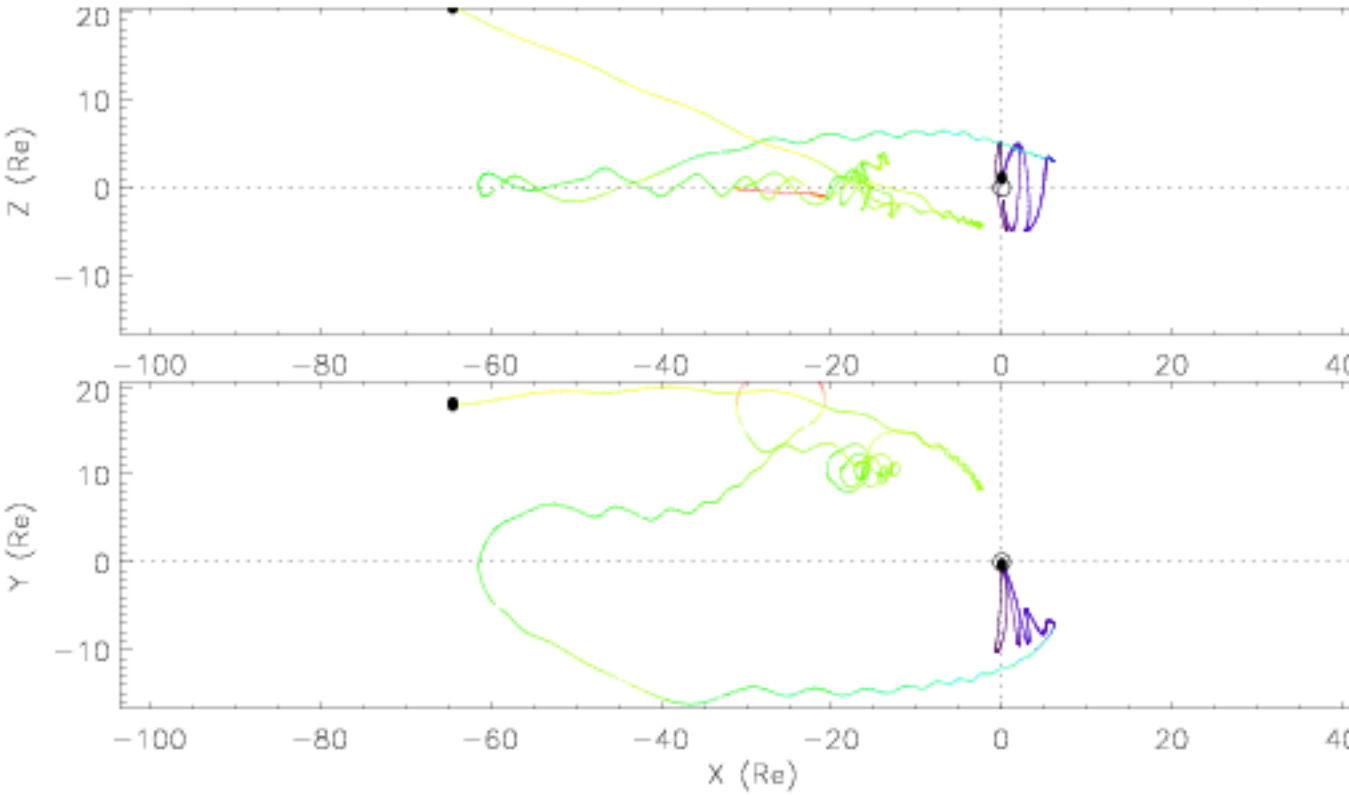

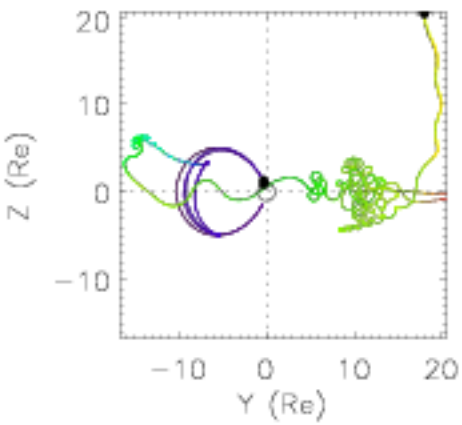

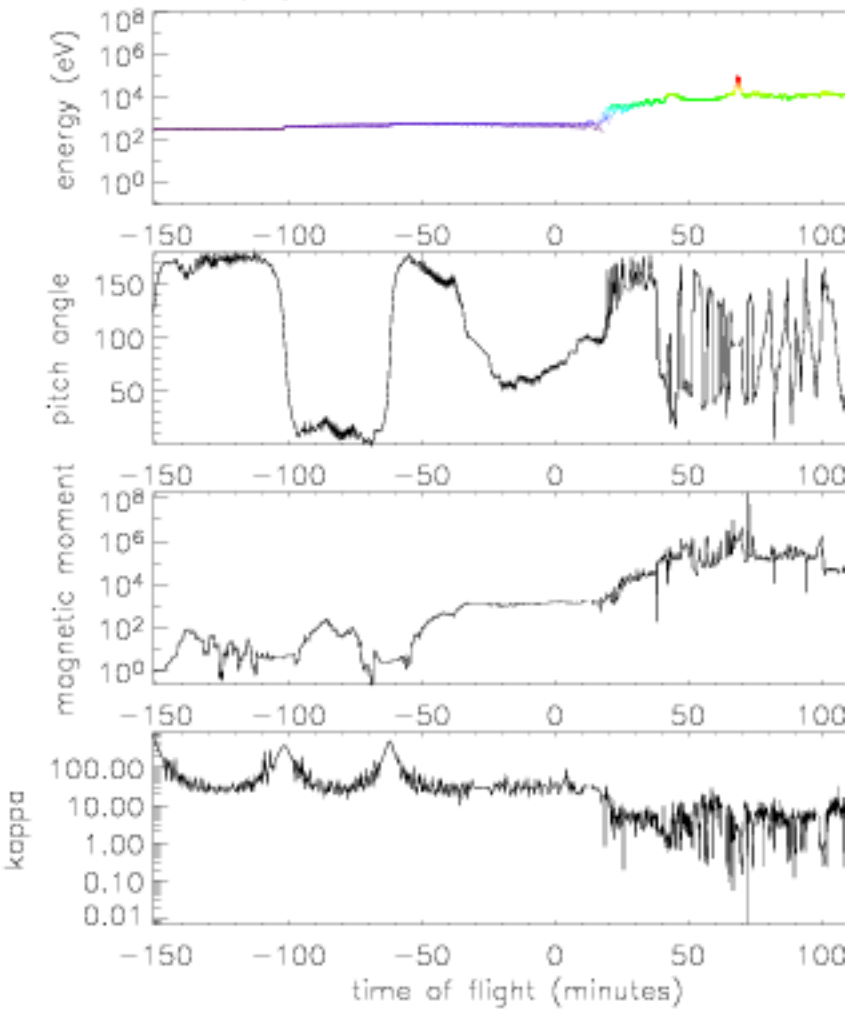

Start, Stop Parameters:

Time (minute): −150.9, 123.0
Magnetic local time: 5.913, 22.960
Magnetic latitude: 74.690, 17.120
Distance (Re): 1.16, 70.00
Energy (eV): 302.90, 21040.00
Pitch angle: 123.600, 135.200
Tilt angle (deg): 0.000

file: particle0405583.full

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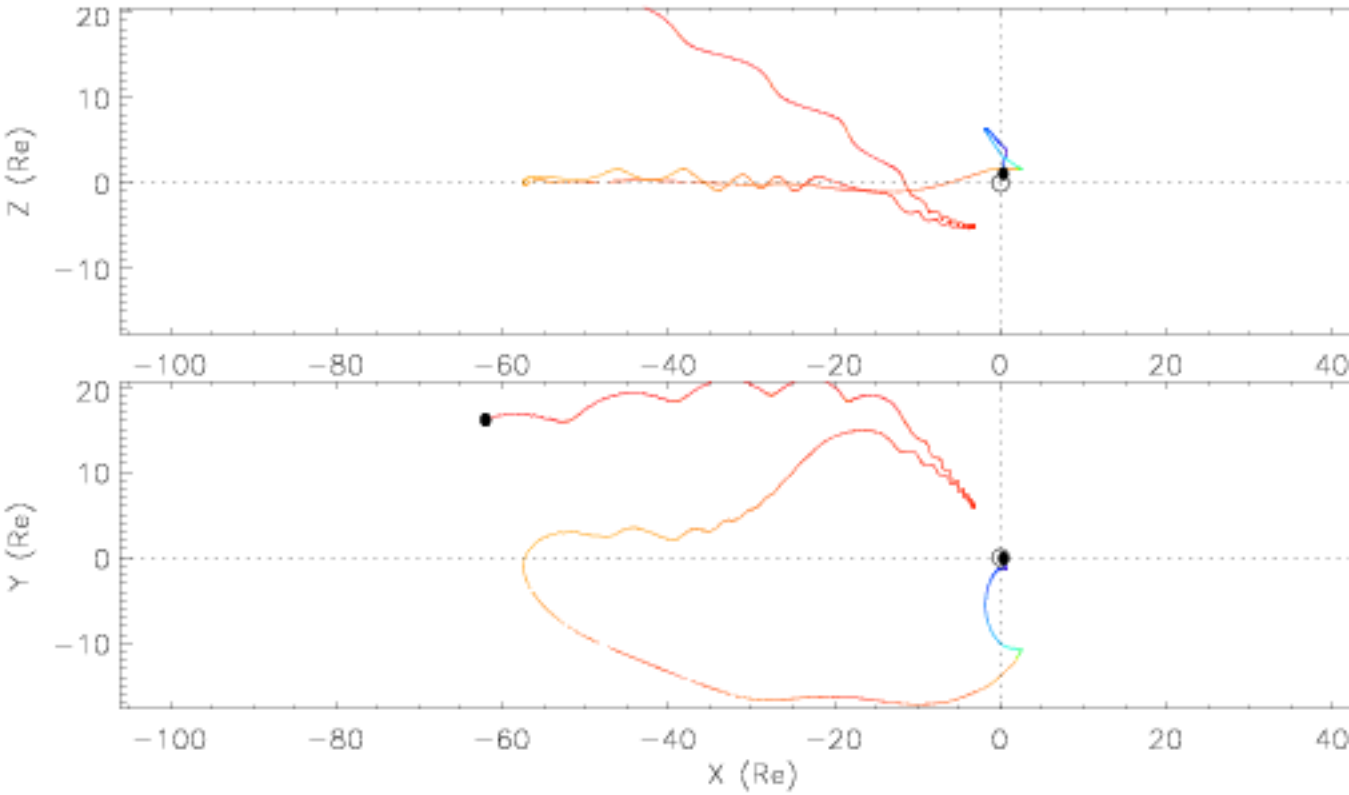
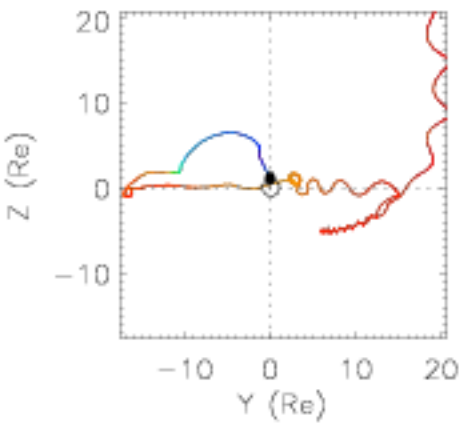
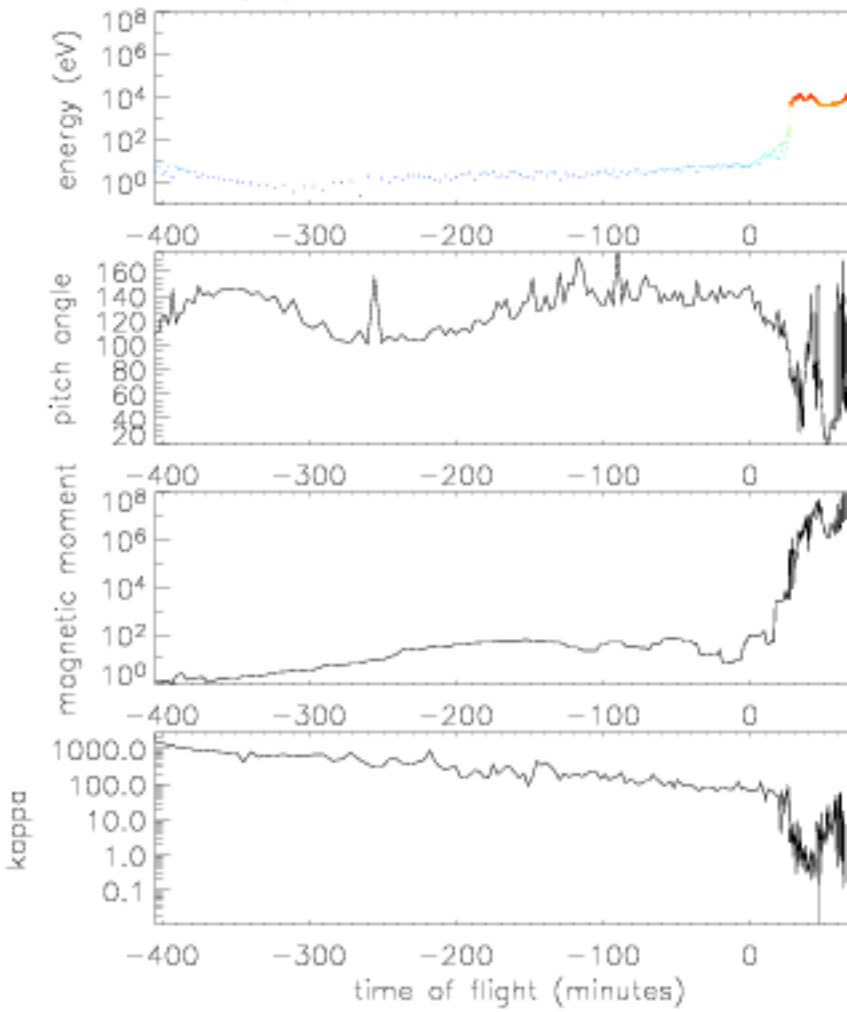




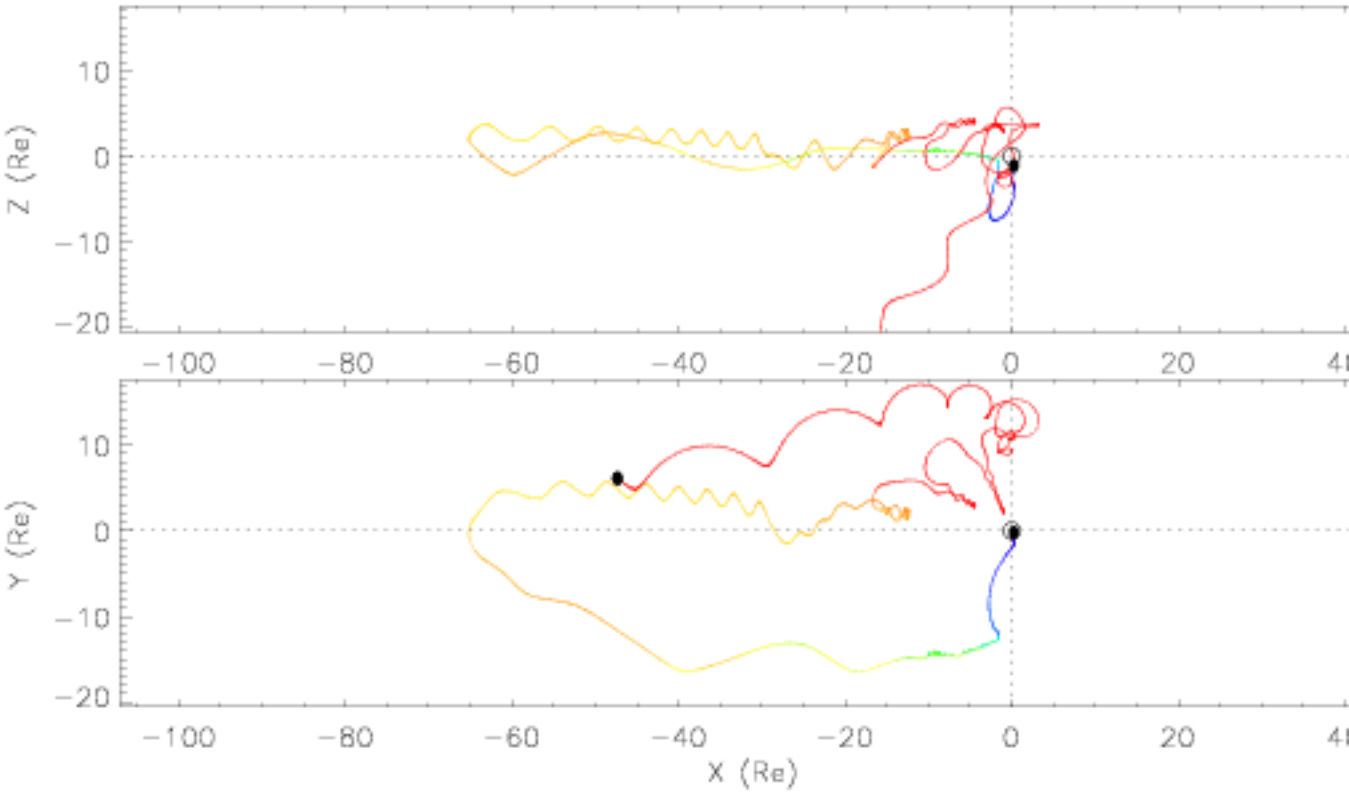


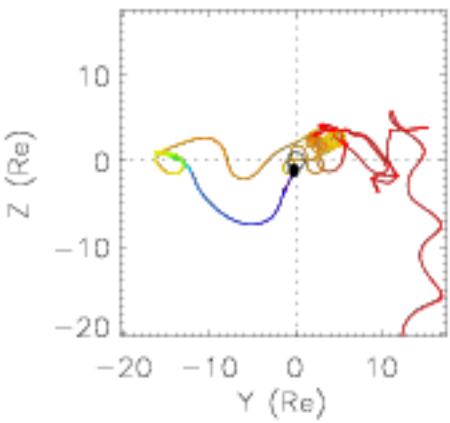
Start, Stop Parameters:

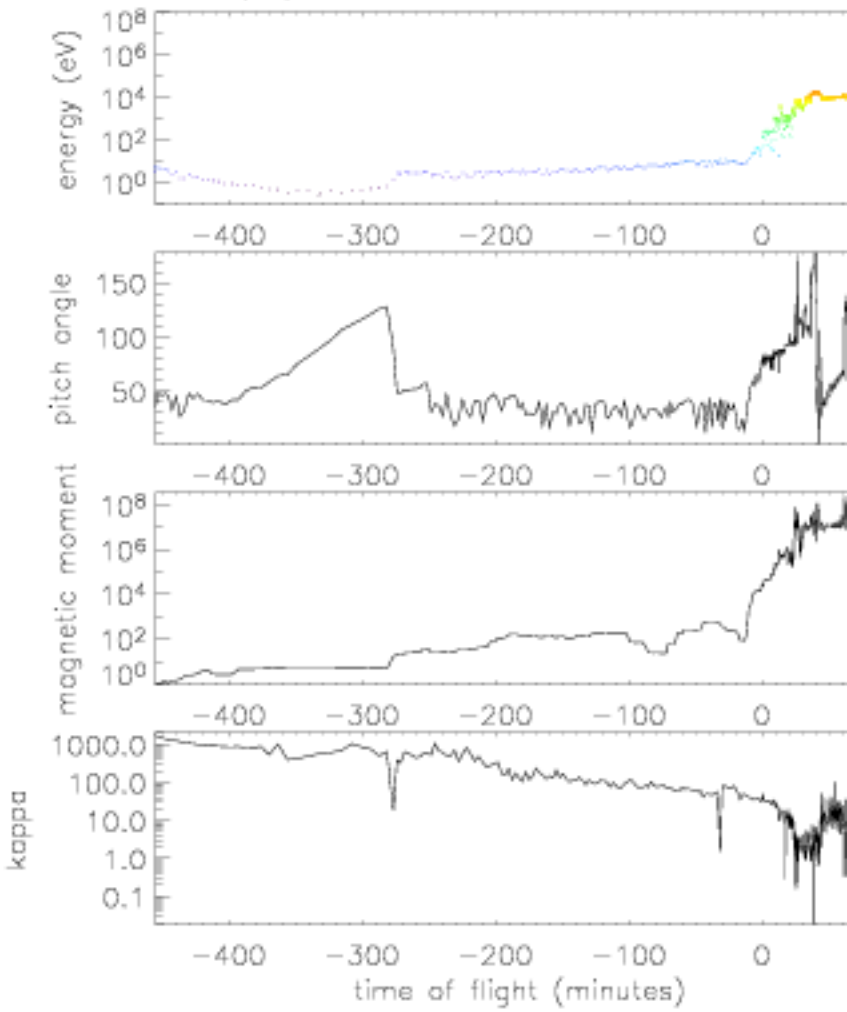
Time (minute): −404.5, 91.5
Magnetic local time: 10.910, 23.030
Magnetic latitude: 71.800, 23.810
Distance (Re): 1.16, 70.02
Energy (eV): 5.49, 33200.00
Pitch angle: 106.800, 124.600
Tilt angle (deg): 0.000

file: particle0435283.full

Fri Jun 17 09:50:40 2005







Start, Stop Parameters:

Time (minute): −455.0, 91.9
Magnetic local time: 9.228, 23.510
Magnetic latitude: −73.800, −47.010
Distance (Re): 1.16, 70.01
Energy (eV): 5.52, 101100.00
Pitch angle: 48.530, 27.770
Tilt angle (deg): 0.000

file: particle0449124.full

Fri Jun 17 09:50:40 2005