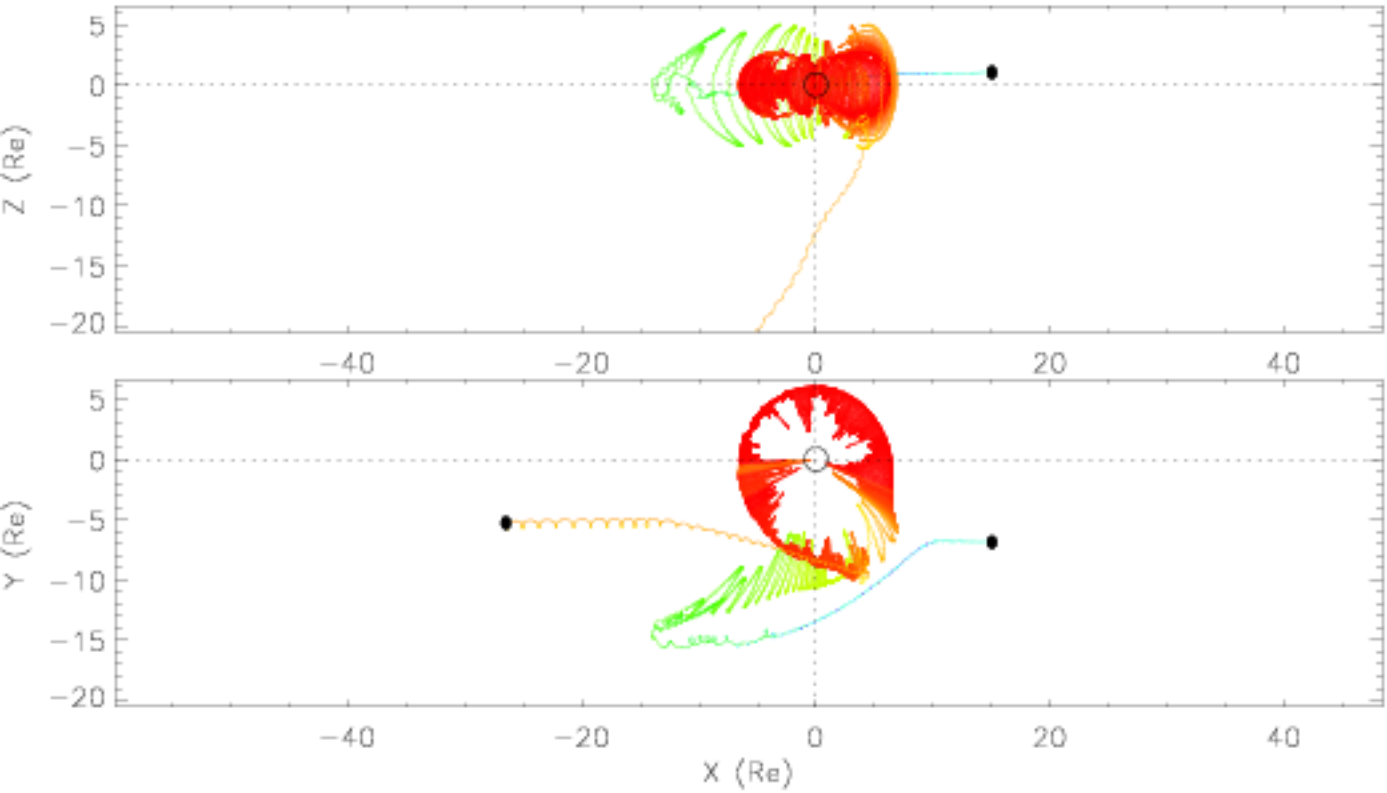
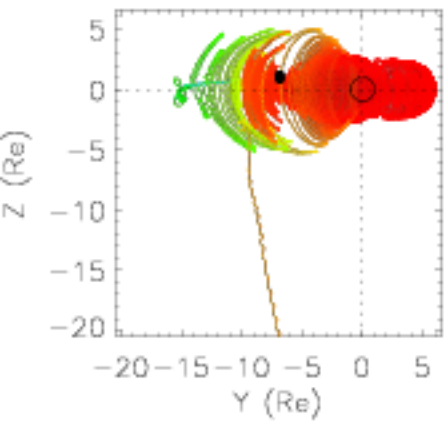
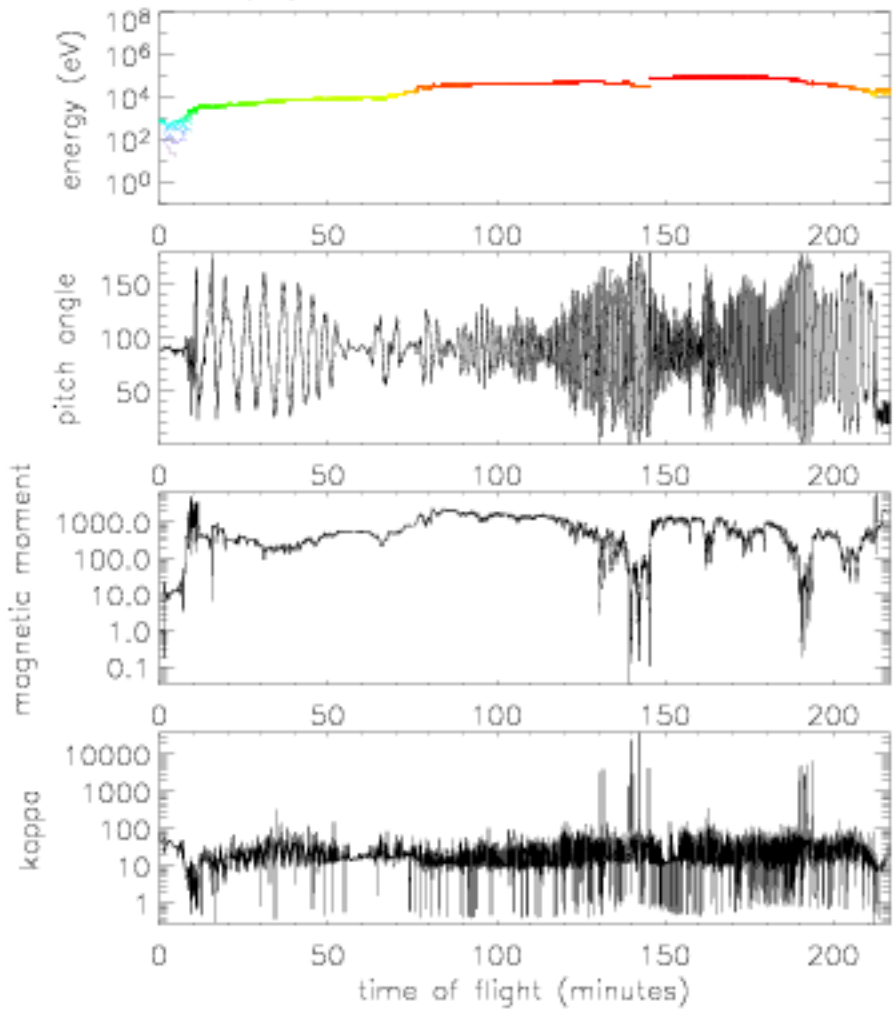
Particle code of D. Delcourt







Start, Stop Parameters:

Time (minute): 0.0, 216.5
Magnetic local time: 10.360, 0.752
Magnetic latitude: 3.558, −67.320
Distance (Re): 16.53, 70.01
Energy (eV): 826.10, 23060.00
Pitch angle: 88.770, 36.530
Tilt angle (deg): 0.000

file: particle007387.full

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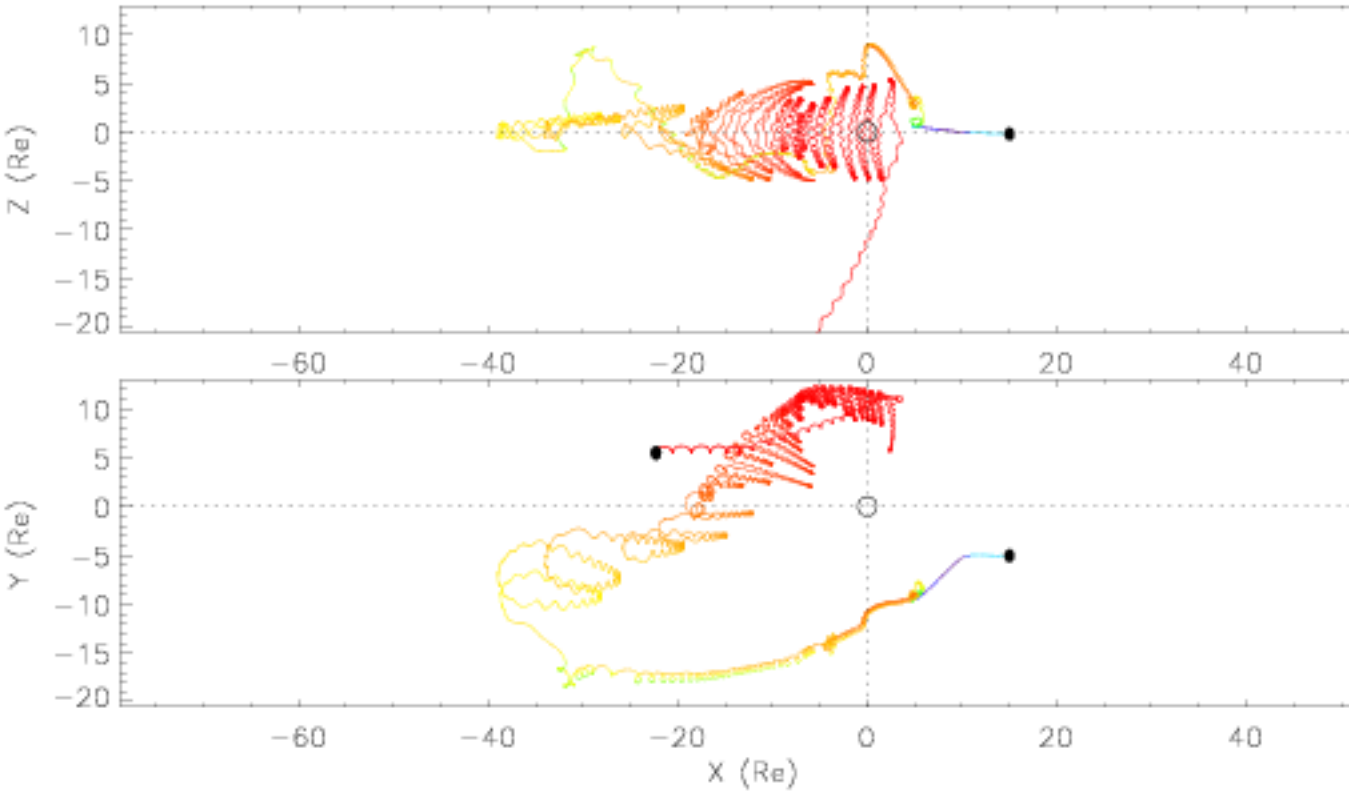

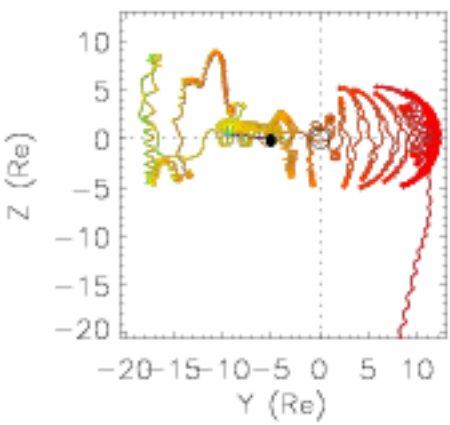

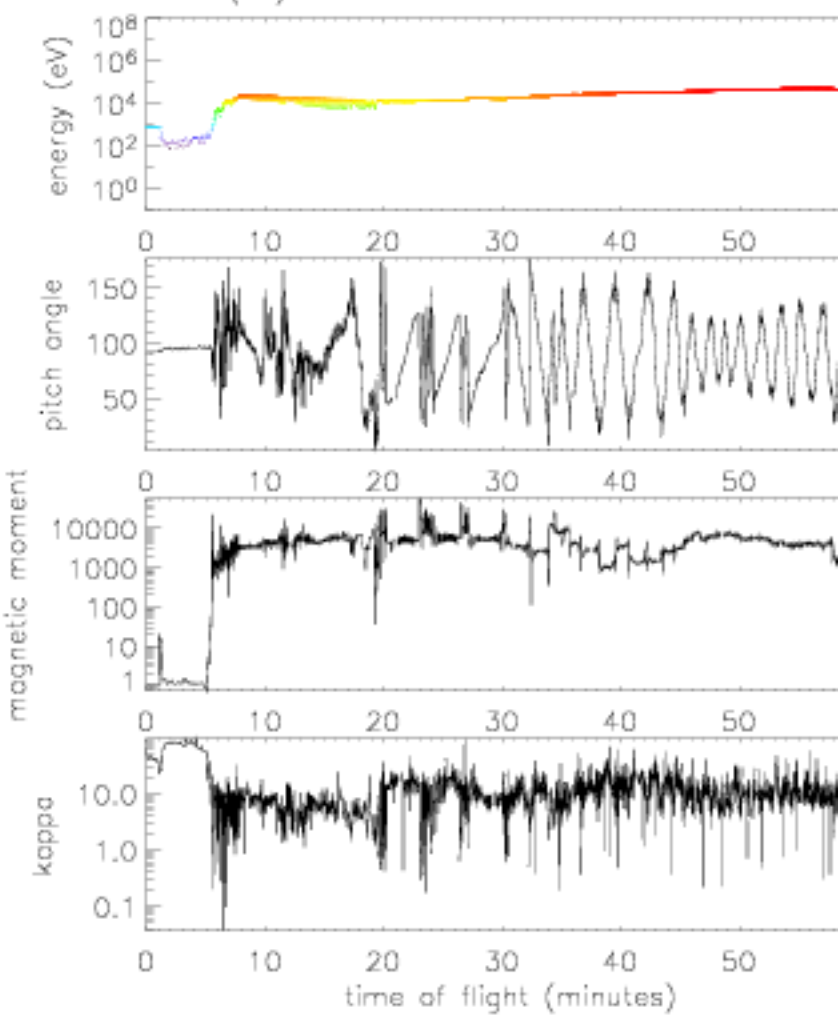

Start, Stop Parameters:

Time (minute): 0.0, 61.5
Magnetic local time: 10.760, 23.080
Magnetic latitude: −0.728,−70.190
Distance (Re): 15.83, 67.71
Energy (eV): 828.70, 48390.00
Pitch angle: 91.630, 11.380
Tilt angle (deg): 0.000

file: particle009598.full

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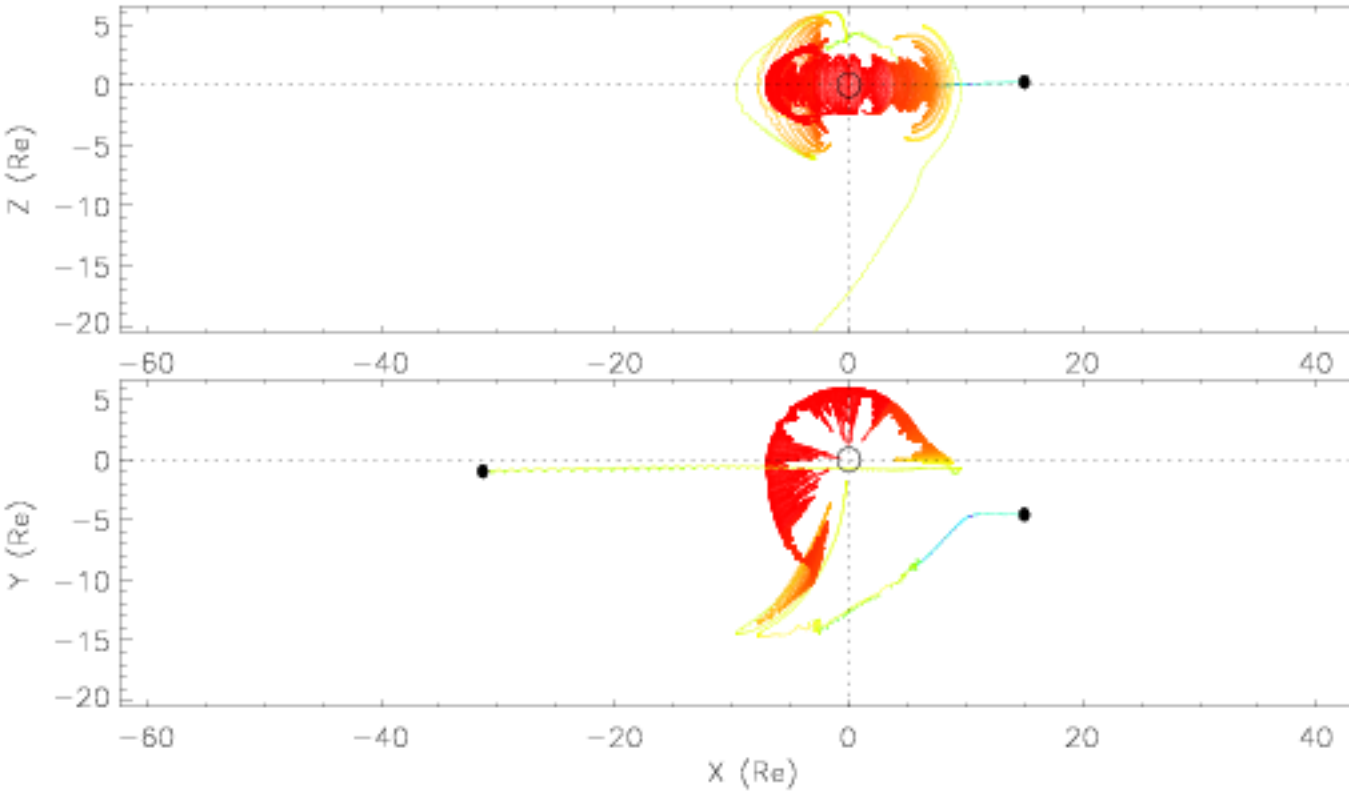

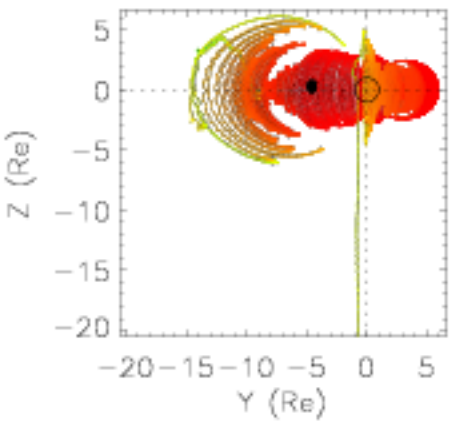

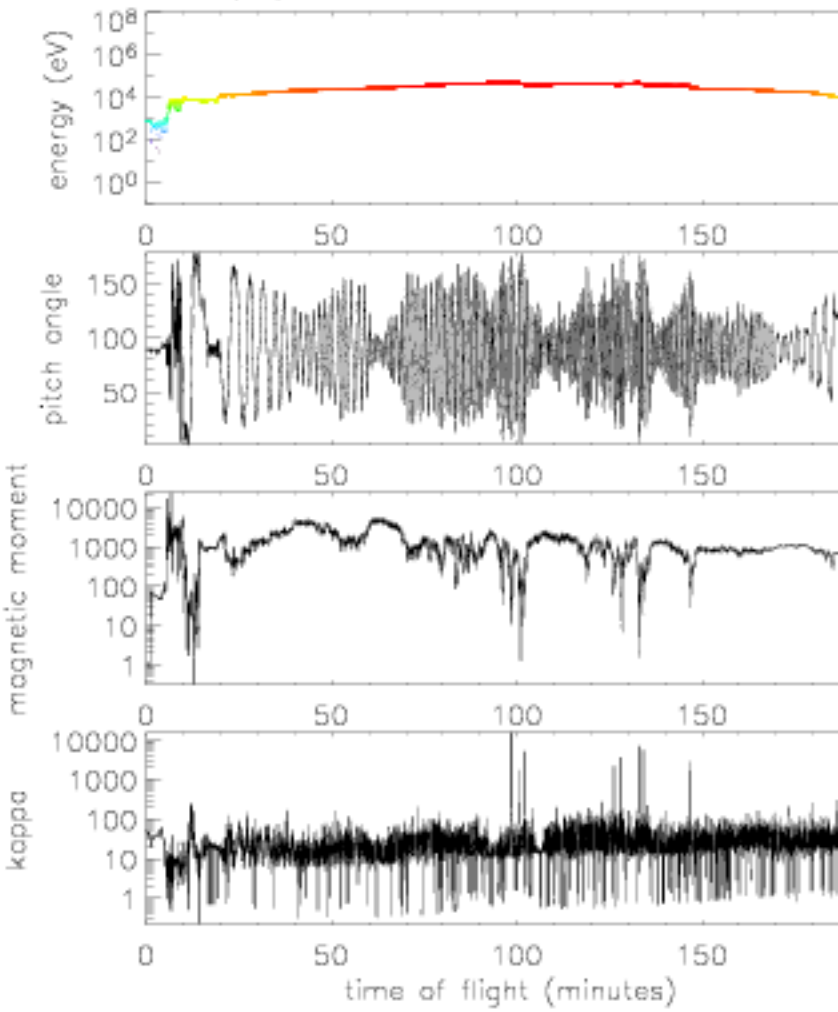

Start, Stop Parameters:

Time (minute): 0.0, 197.0
Magnetic local time: 10.870, 0.120
Magnetic latitude: 0.935, −63.440
Distance (Re): 15.69, 70.01
Energy (eV): 829.60, 6743.00
Pitch angle: 87.790, 30.280
Tilt angle (deg): 0.000

file: particle017607.full

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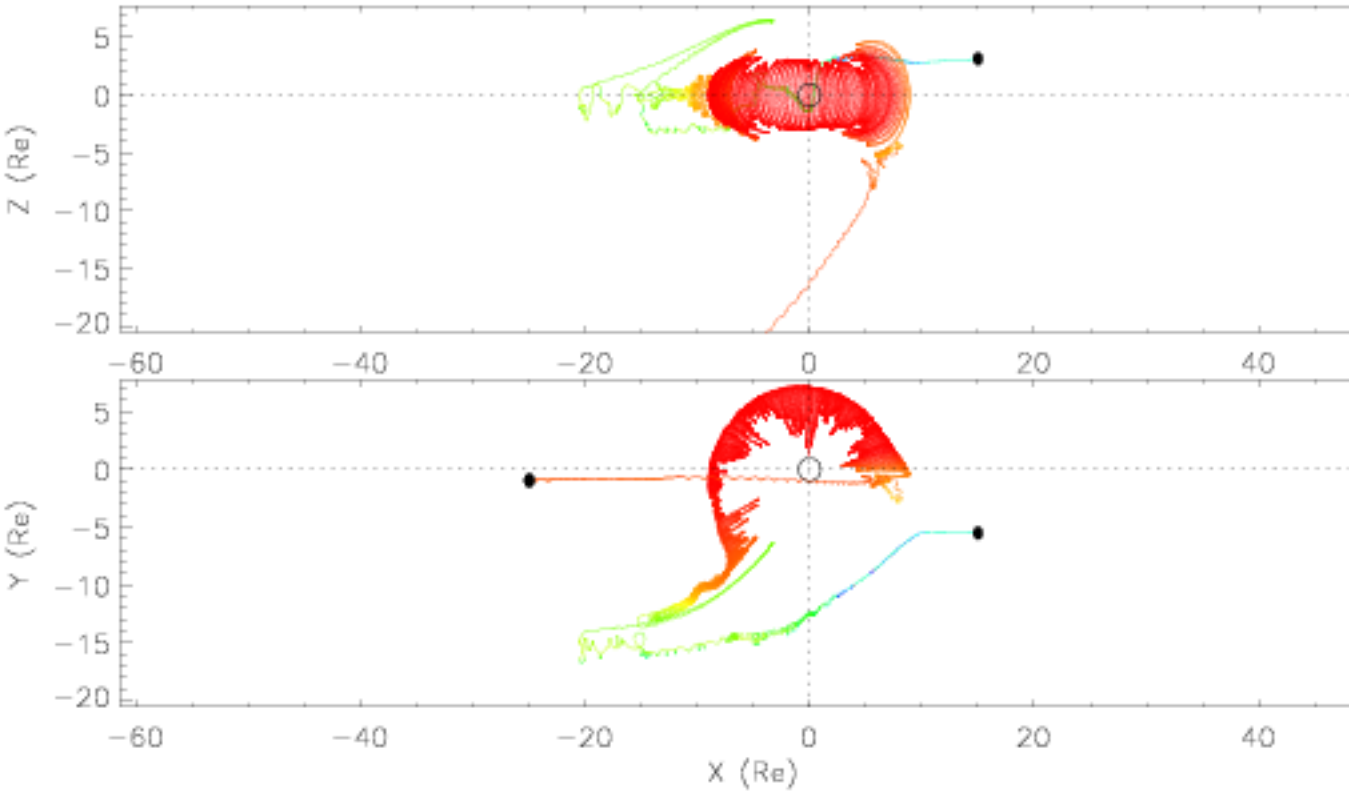

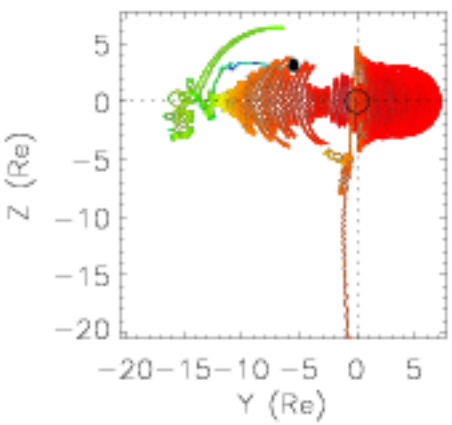

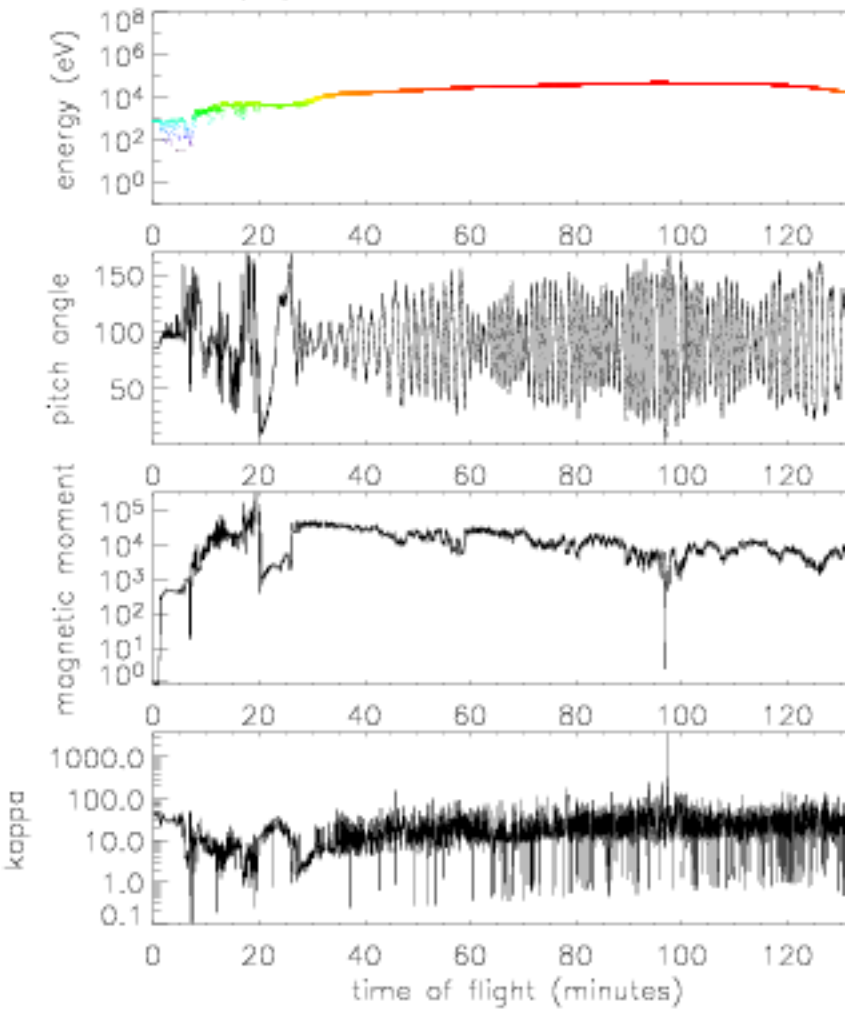

Start, Stop Parameters:

Time (minute): 0.0, 138.1
Magnetic local time: 10.660, 0.146
Magnetic latitude: 11.100,−68.770
Distance (Re): 16.27, 69.00
Energy (eV): 829.70, 22280.00
Pitch angle: 86.270, 10.830
Tilt angle (deg): 0.000

file: particle022189.full

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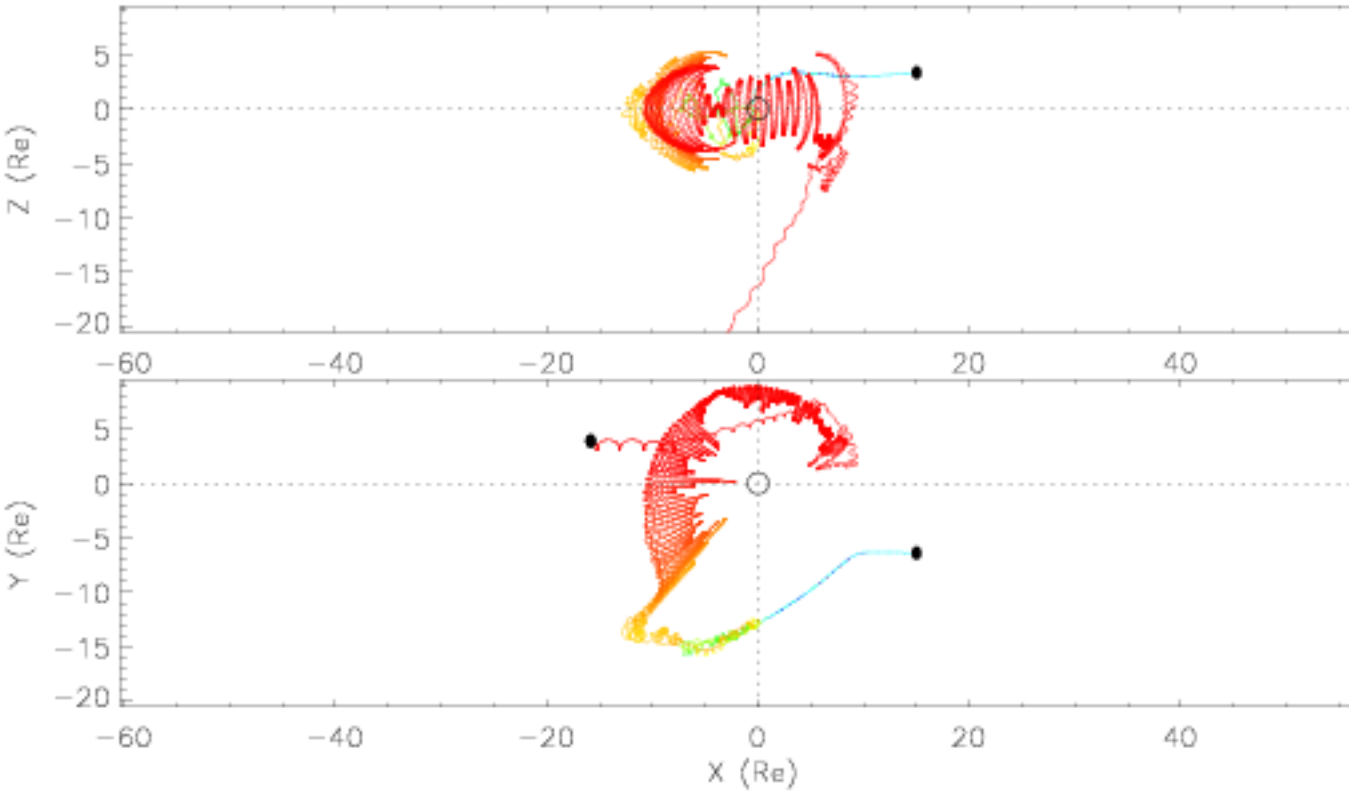

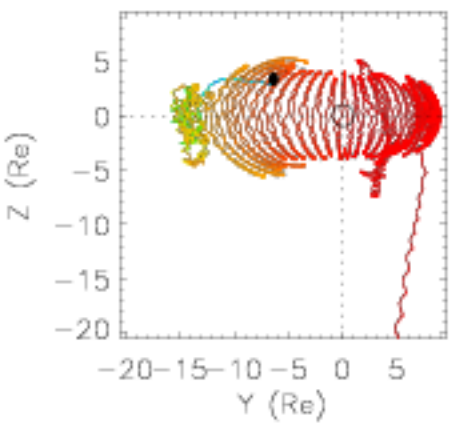

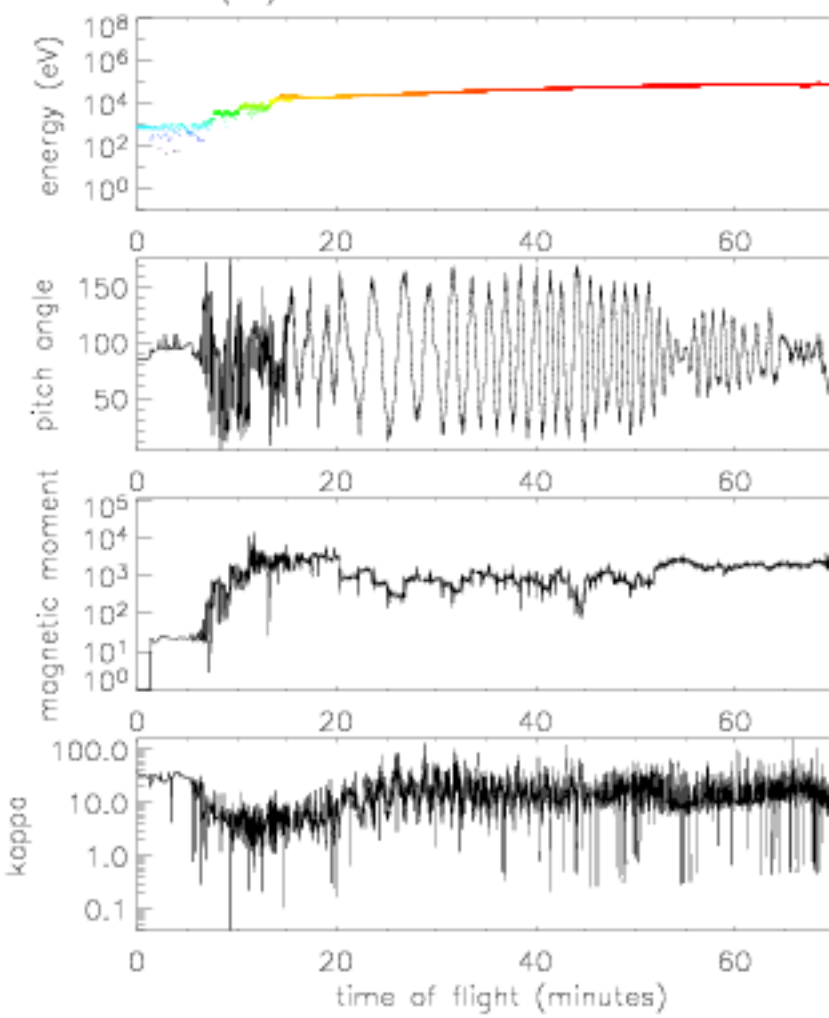

Start, Stop Parameters:

Time (minute): 0.0, 73.2
Magnetic local time: 10.460, 23.080
Magnetic latitude: 11.570,−75.380
Distance (Re): 16.64, 64.57
Energy (eV): 833.30, 90100.00
Pitch angle: 85.480, 24.870
Tilt angle (deg): 0.000

file: particle034414.full

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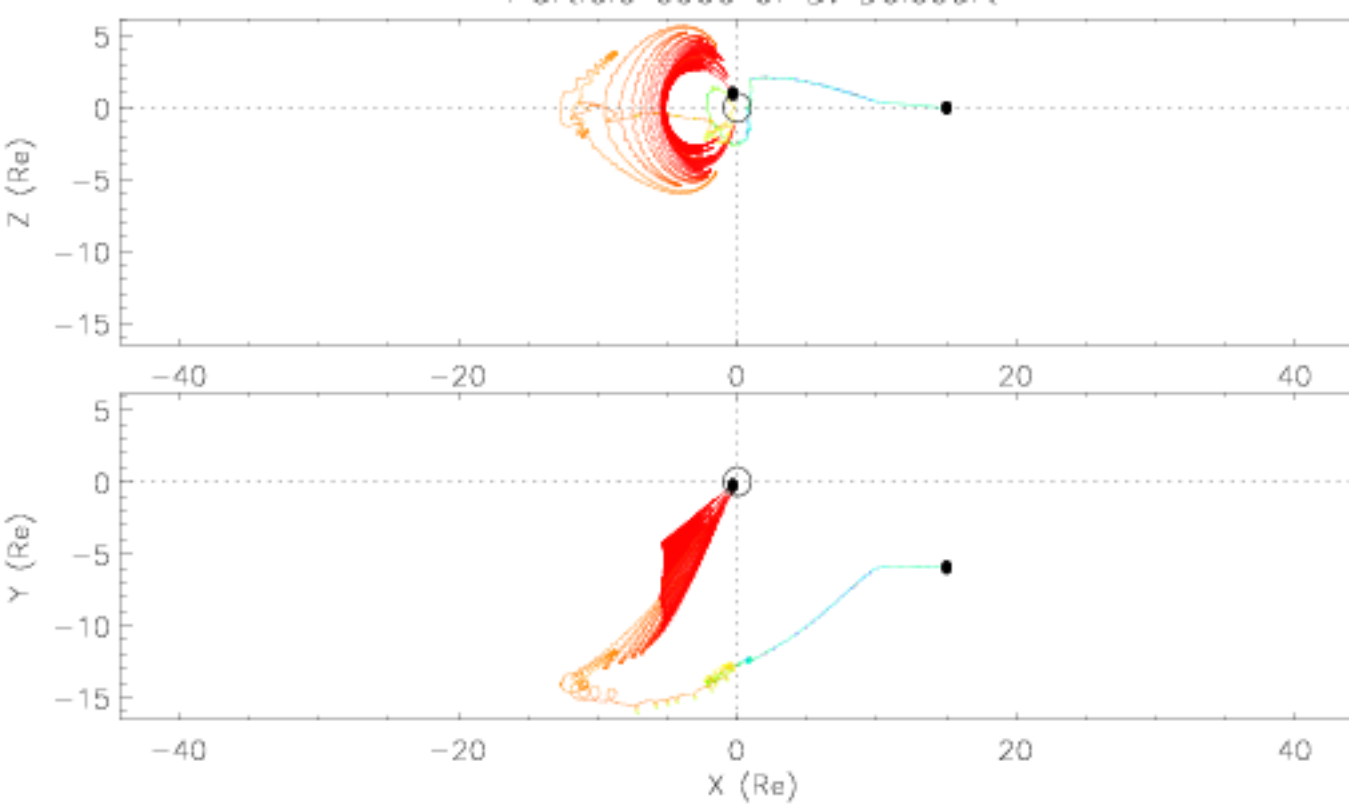

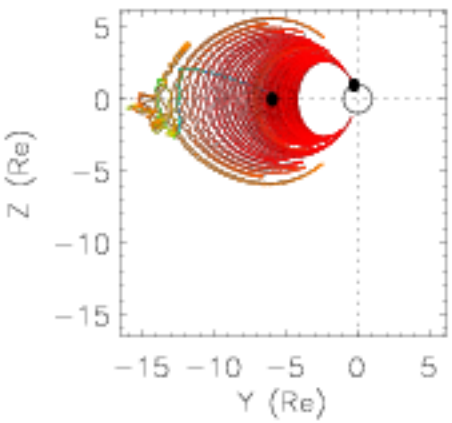

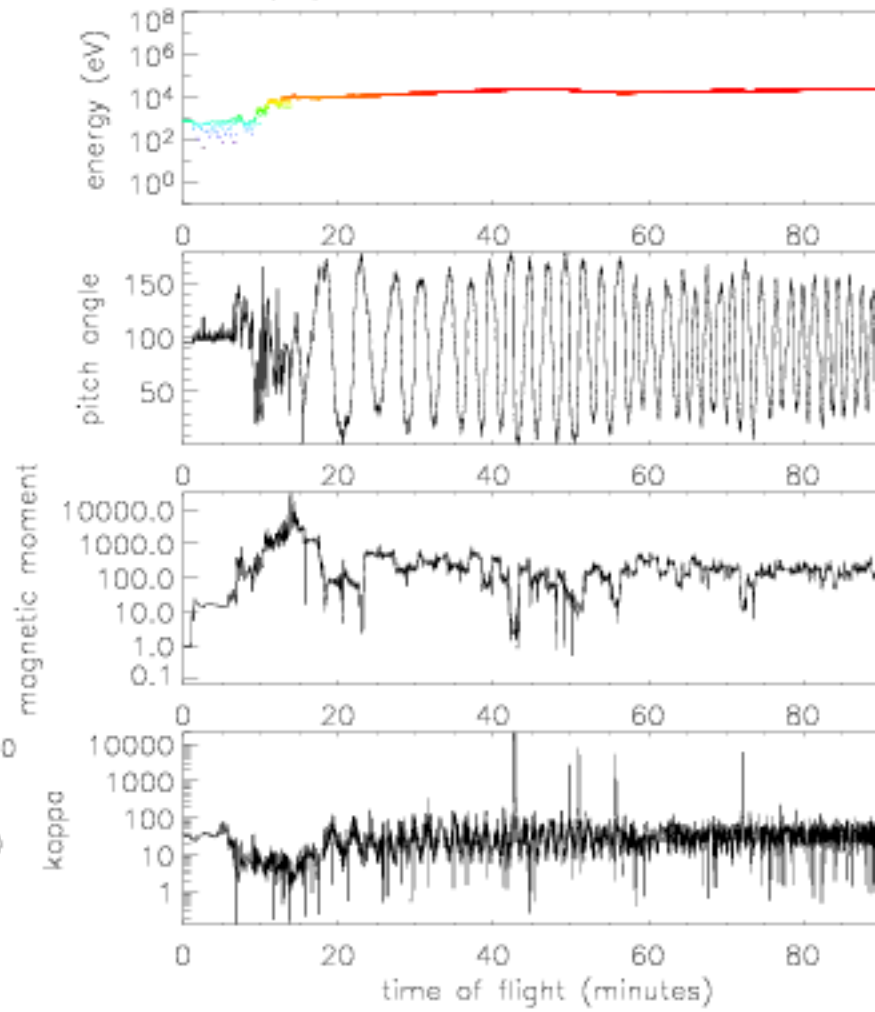

Start, Stop Parameters:

Time (minute): 0.0, 94.2
Magnetic local time: 10.560, 2.510
Magnetic latitude: −0.078, 67.020
Distance (Re): 16.14, 1.05
Energy (eV): 833.10, 26930.00
Pitch angle: 94.670, 49.270
Tilt angle (deg): 0.000

file: particle045937.full

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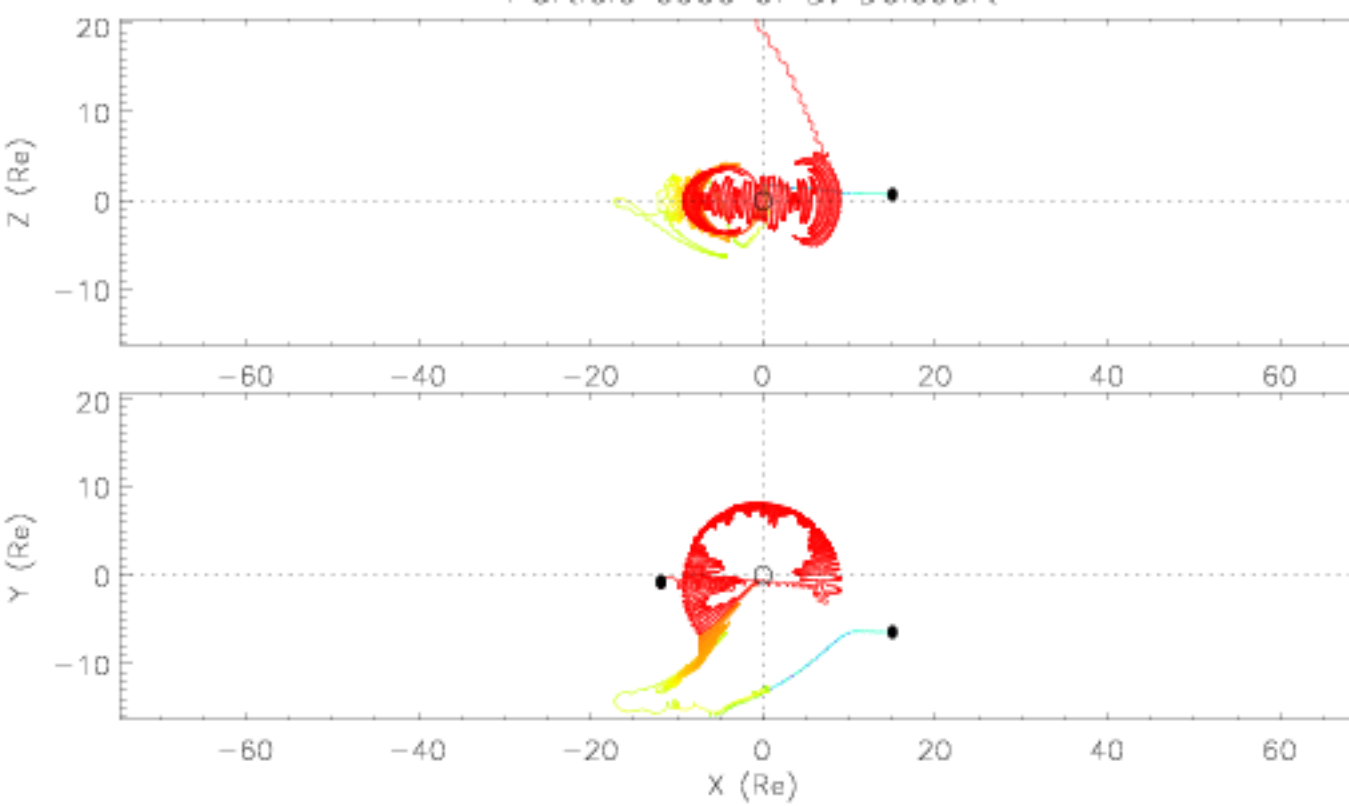

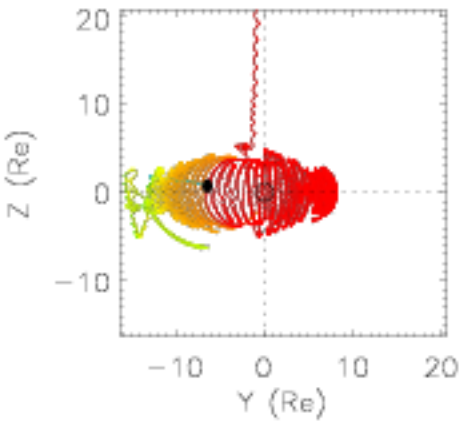

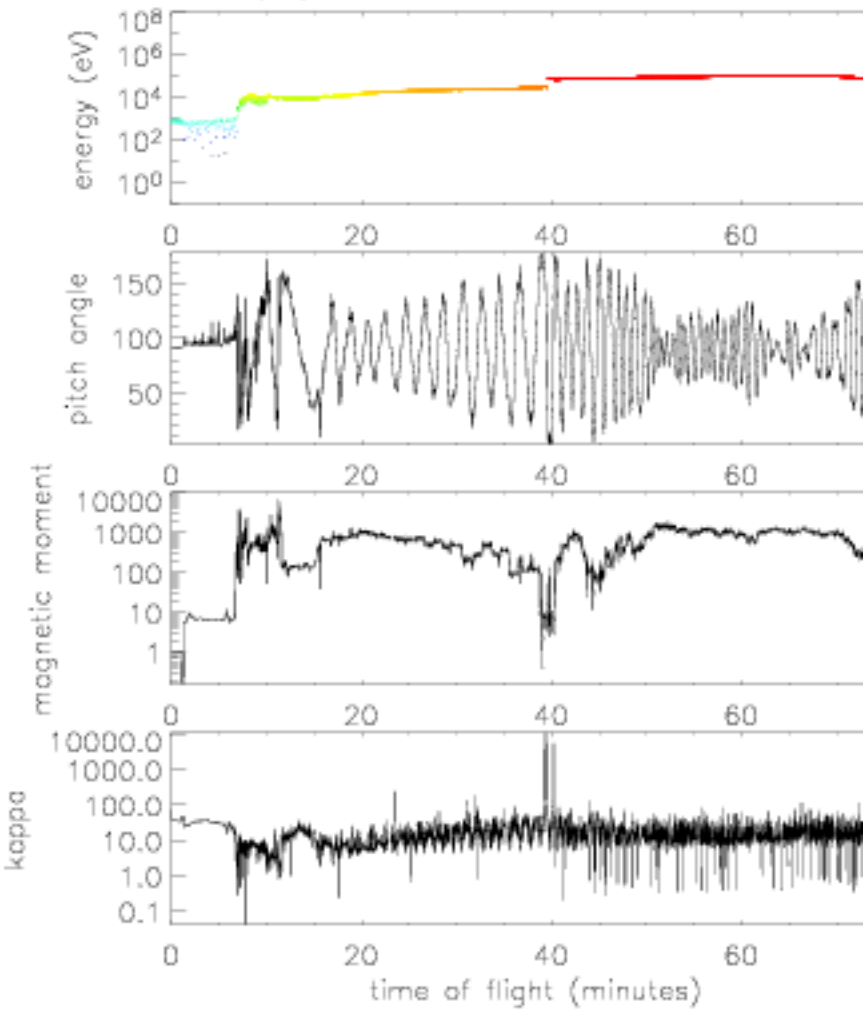

Start, Stop Parameters:

Time (minute): 0.0, 76.8
Magnetic local time: 10.460, 0.251
Magnetic latitude: 2.489, 78.870
Distance (Re): 16.33, 61.37
Energy (eV): 831.40, 75570.00
Pitch angle: 91.310, 150.700
Tilt angle (deg): 0.000

file: particle050570.full

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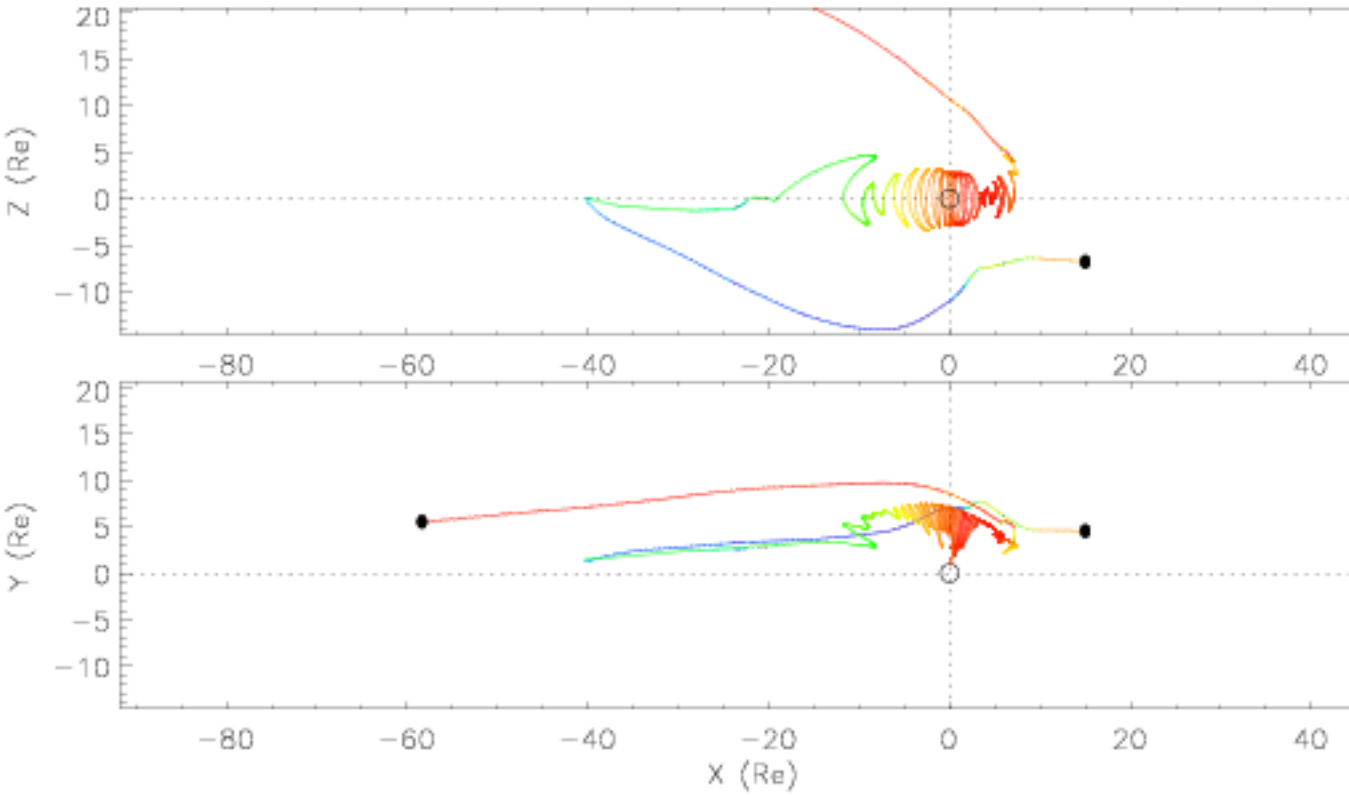

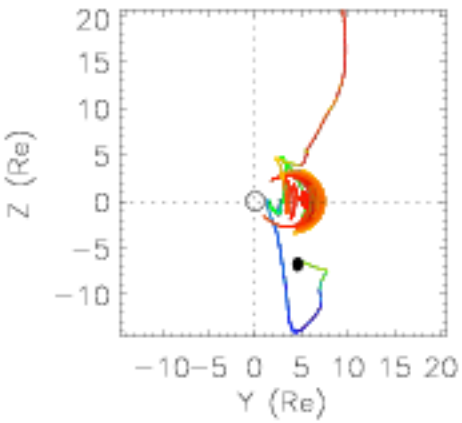

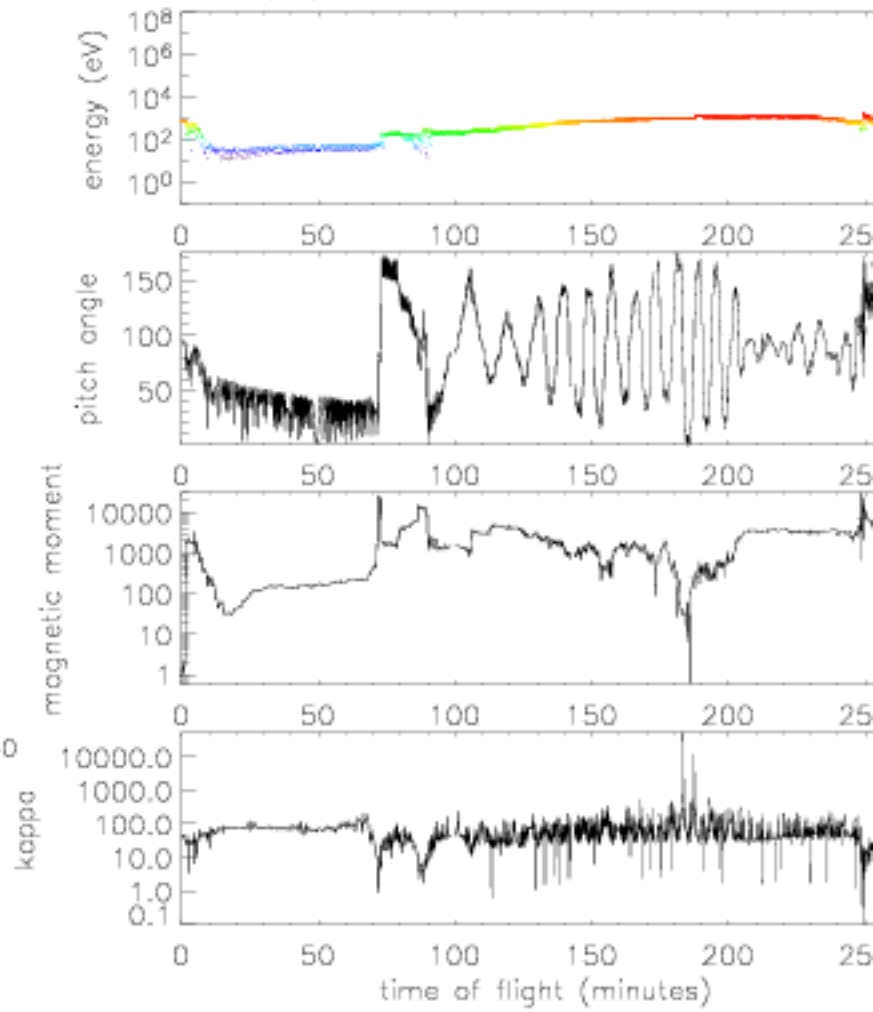

Start, Stop Parameters:

Time (minute): 0.0, 266.8
Magnetic local time: 13.120, 23.640
Magnetic latitude: −23.360, 33.160
Distance (Re): 17.07, 70.01
Energy (eV): 850.90, 1514.00
Pitch angle: 95.290, 141.900
Tilt angle (deg): 0.000

file: particle054680.full

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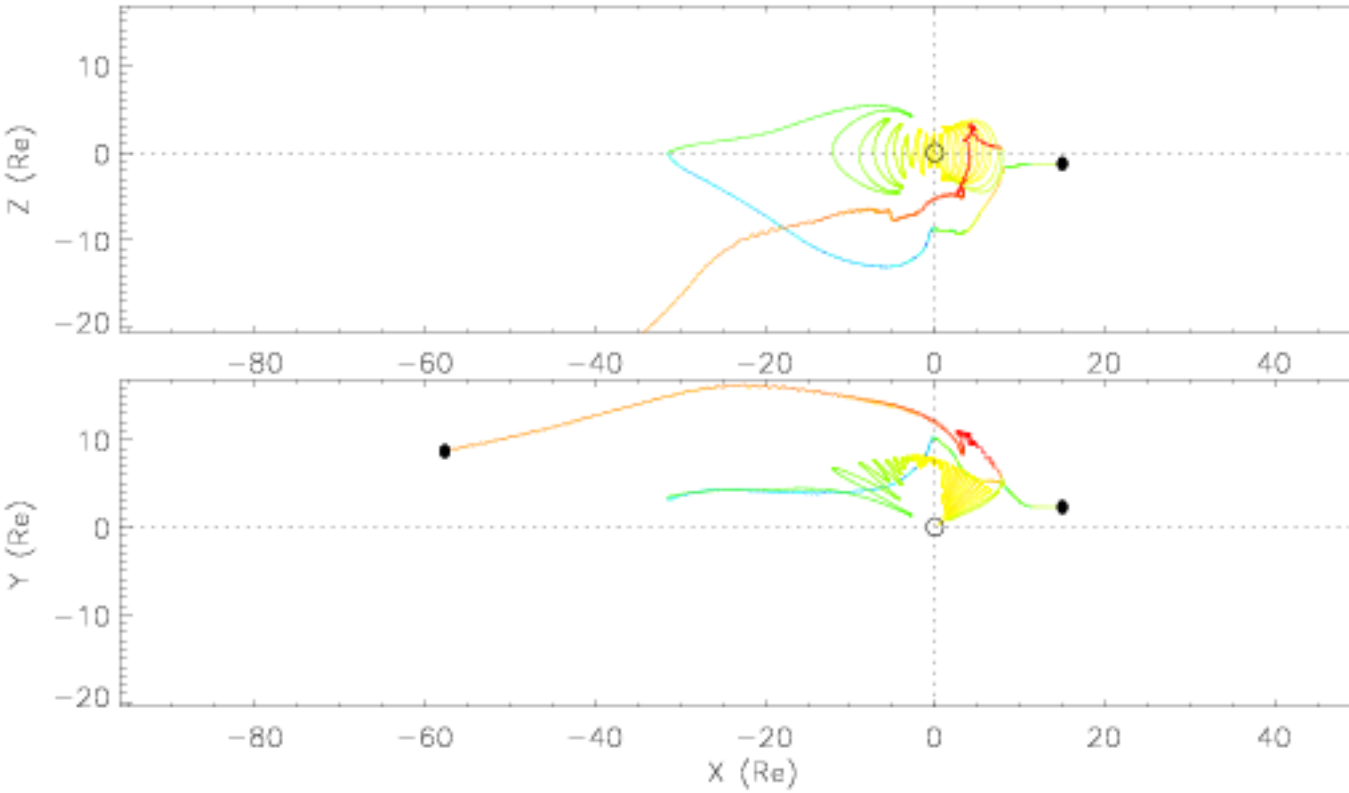

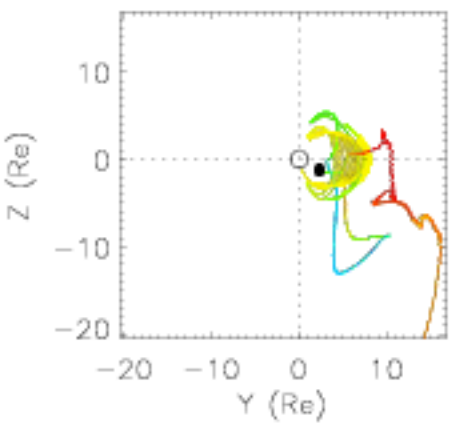

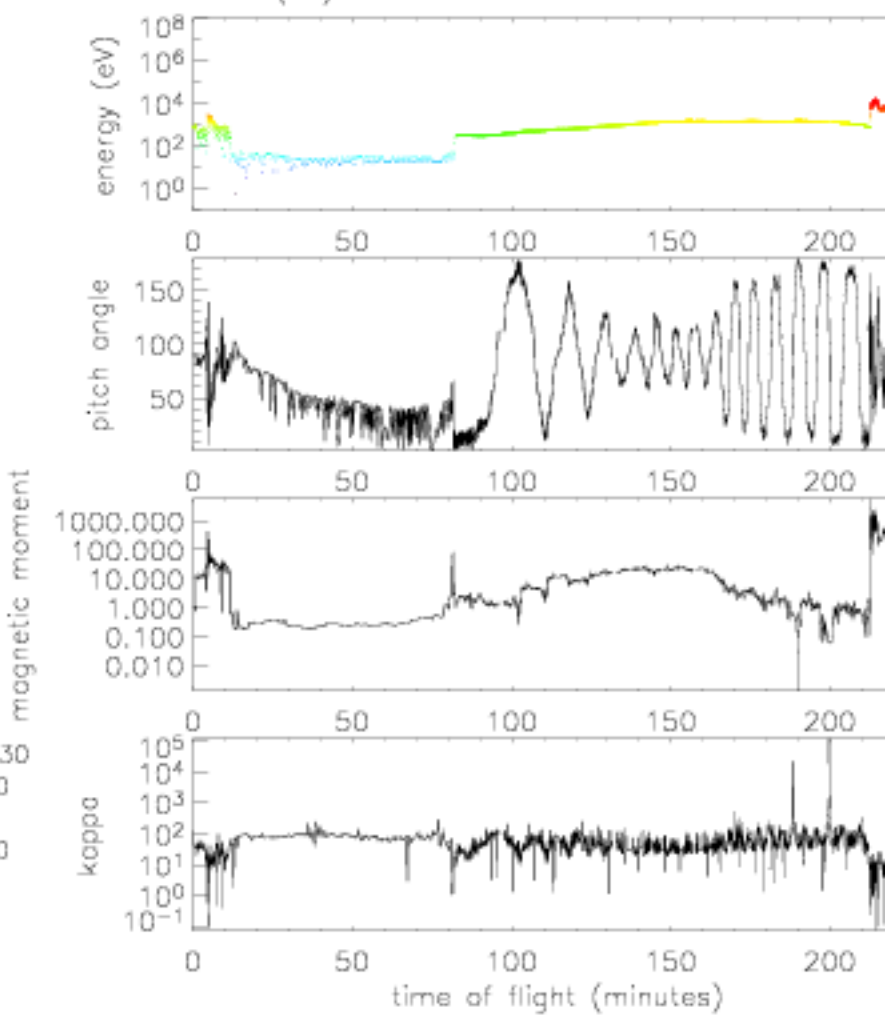

Start, Stop Parameters:

Time (minute): 0.0, 229.2
Magnetic local time: 12.580, 23.430
Magnetic latitude: −4.646, −33.560
Distance (Re): 15.22, 70.01
Energy (eV): 845.10, 3642.00
Pitch angle: 90.430, 31.360
Tilt angle (deg): 0.000

file: particle057658.full

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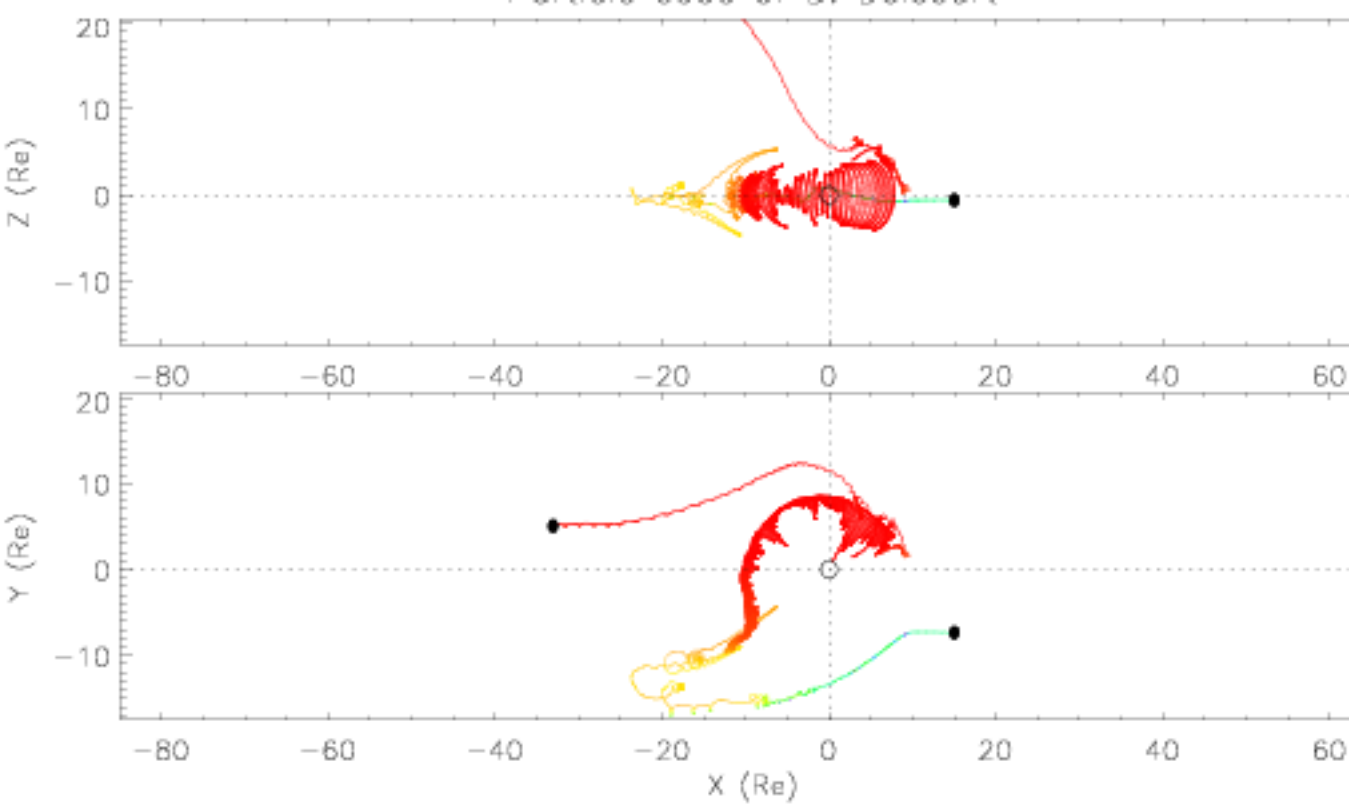

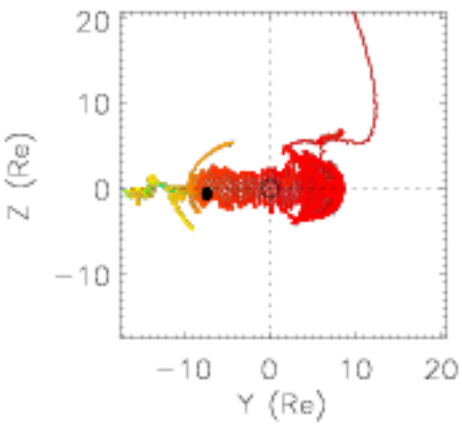

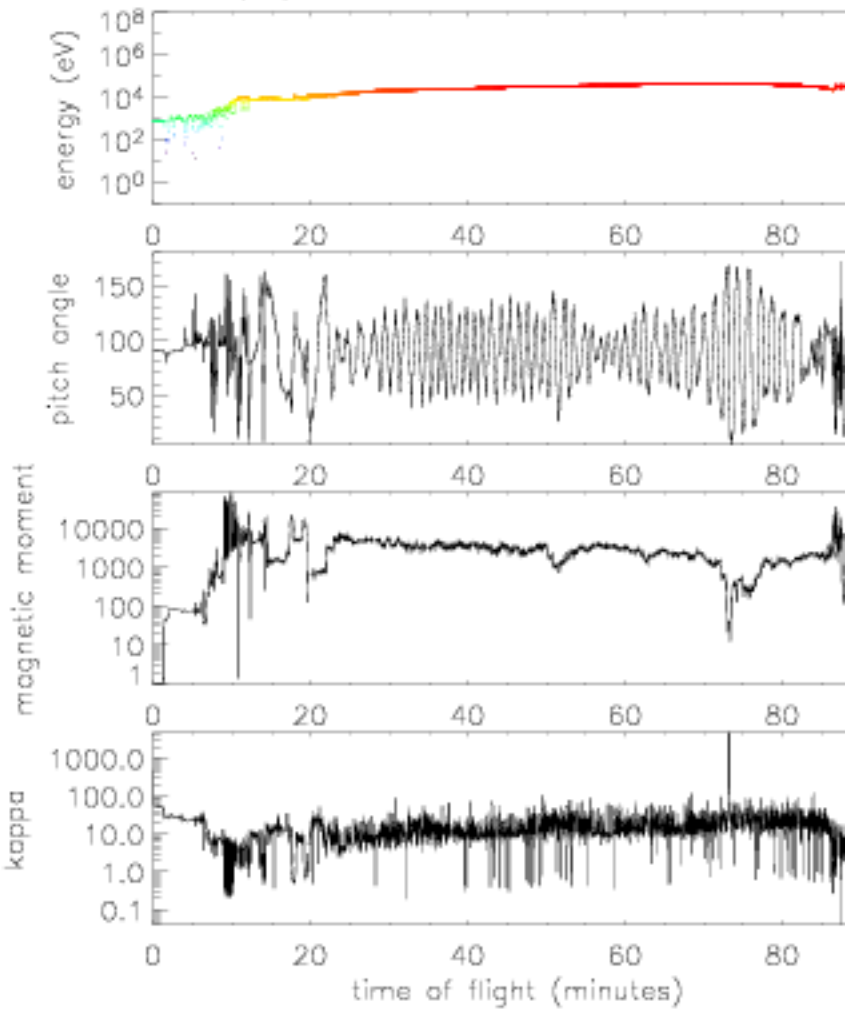

Start, Stop Parameters:

Time (minute): 0.0, 92.8
Magnetic local time: 10.260, 23.420
Magnetic latitude: −2.063, 61.450
Distance (Re): 16.71, 70.01
Energy (eV): 824.30, 28870.00
Pitch angle: 89.970, 174.200
Tilt angle (deg): 0.000

file: particle059620.full

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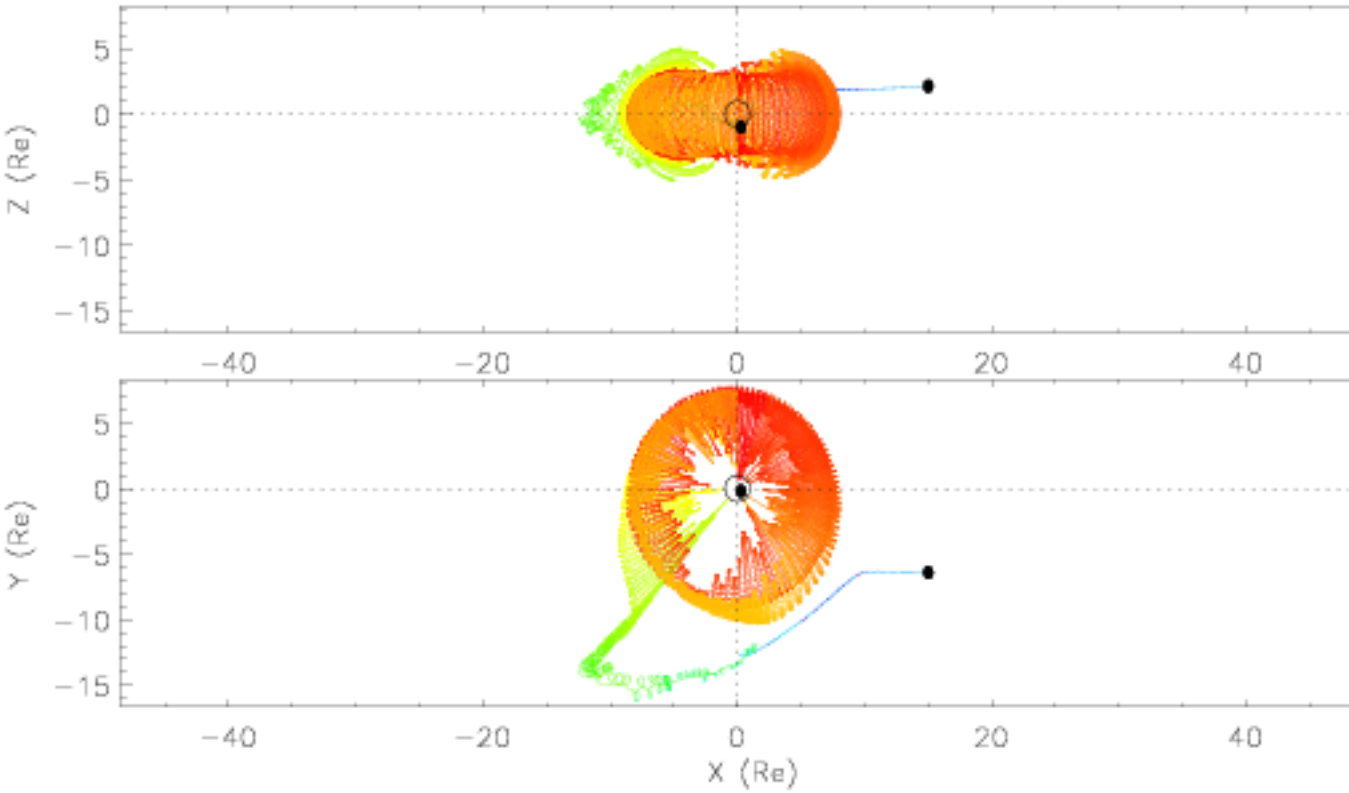

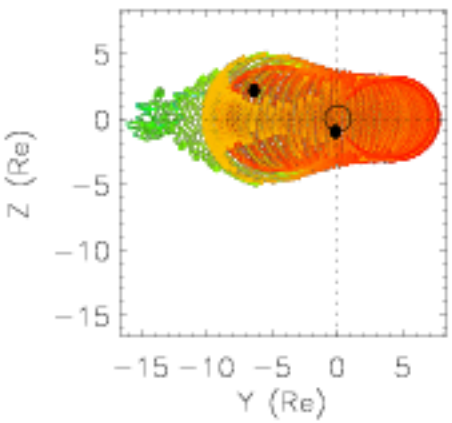

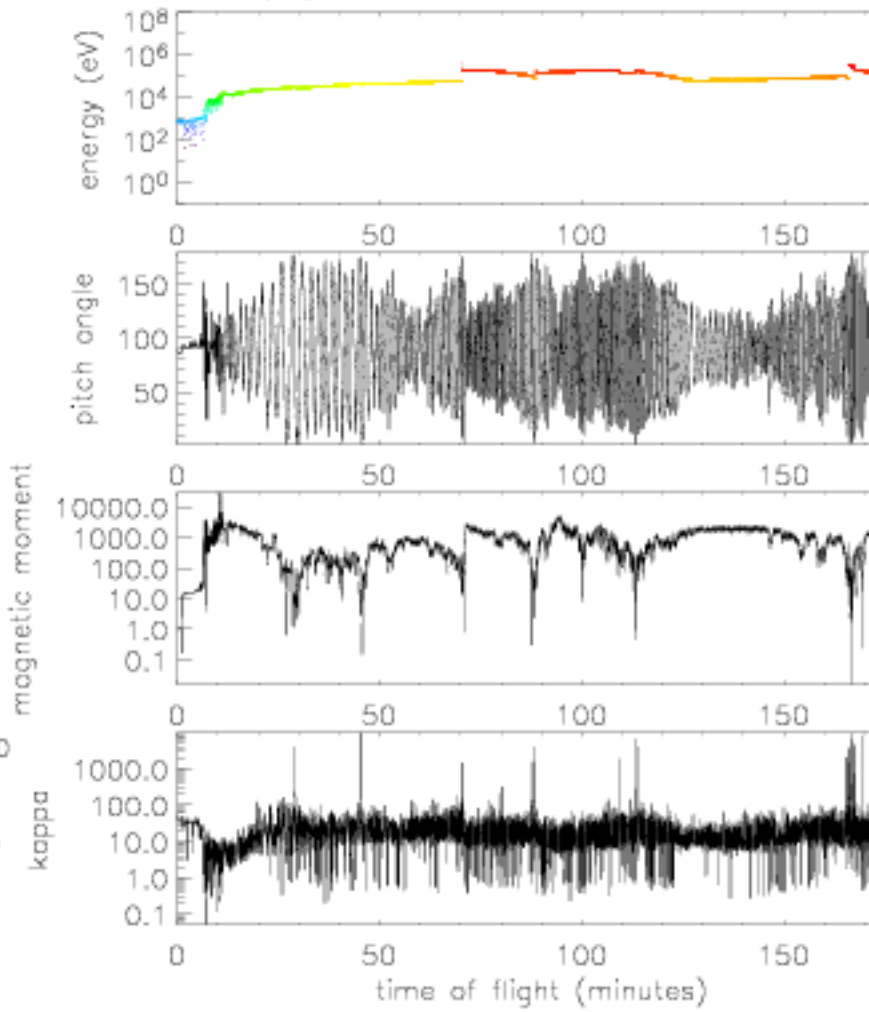

Start, Stop Parameters:

Time (minute): 0.0, 180.5
Magnetic local time: 10.460, 9.750
Magnetic latitude: 7.489, −71.060
Distance (Re): 16.45, 1.05
Energy (eV): 830.60, 104700.00
Pitch angle: 87.390, 119.400
Tilt angle (deg): 0.000

file: particle071744.full

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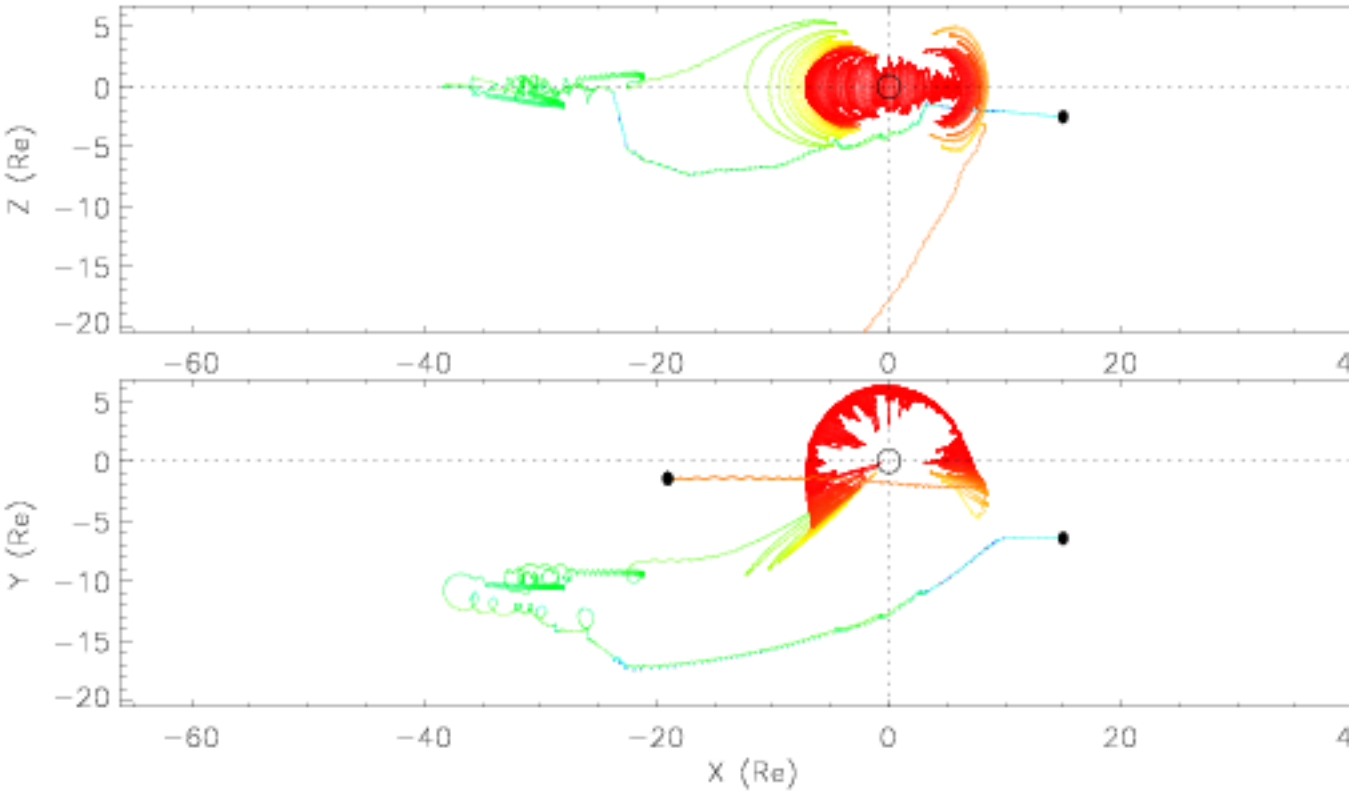

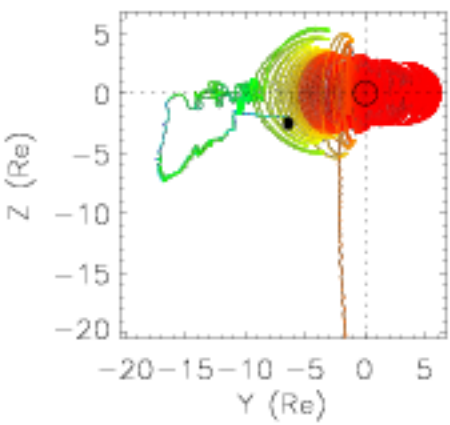

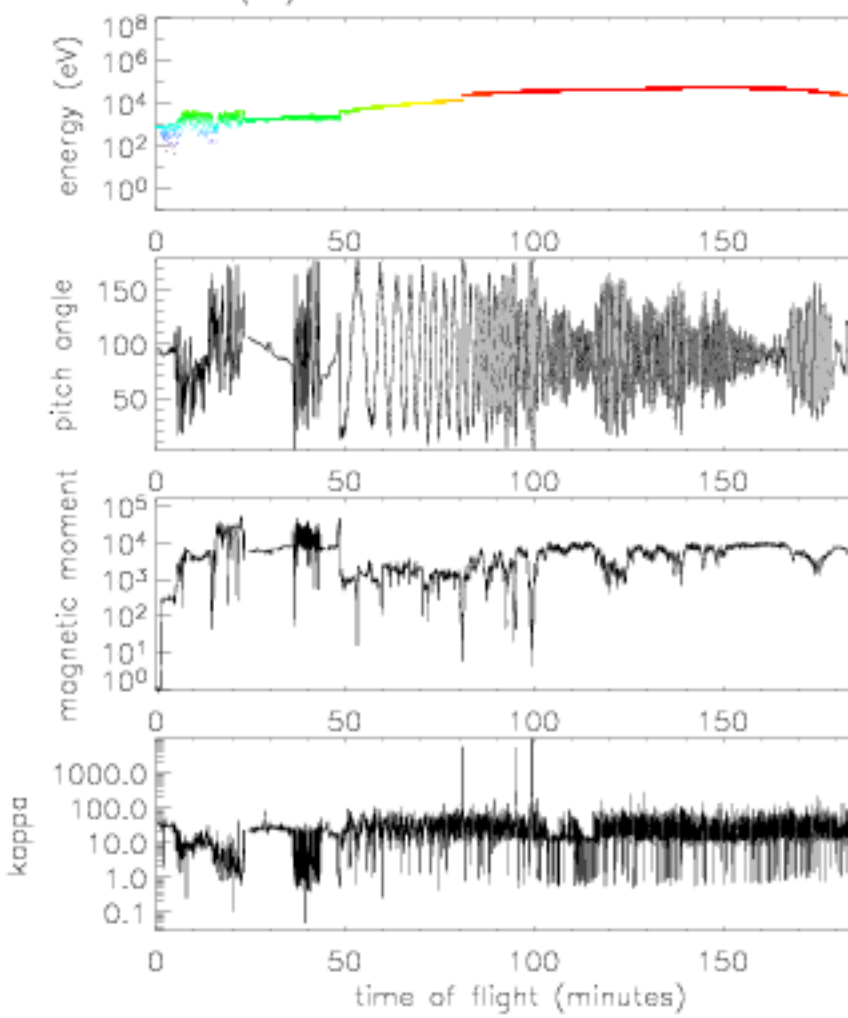

Start, Stop Parameters:

Time (minute): 0.0, 193.2
Magnetic local time: 10.450, 0.292
Magnetic latitude: −8.753,−73.200
Distance (Re): 16.51, 66.05
Energy (eV): 829.30, 20920.00
Pitch angle: 94.620, 17.040
Tilt angle (deg): 0.000

file: particle080999.full

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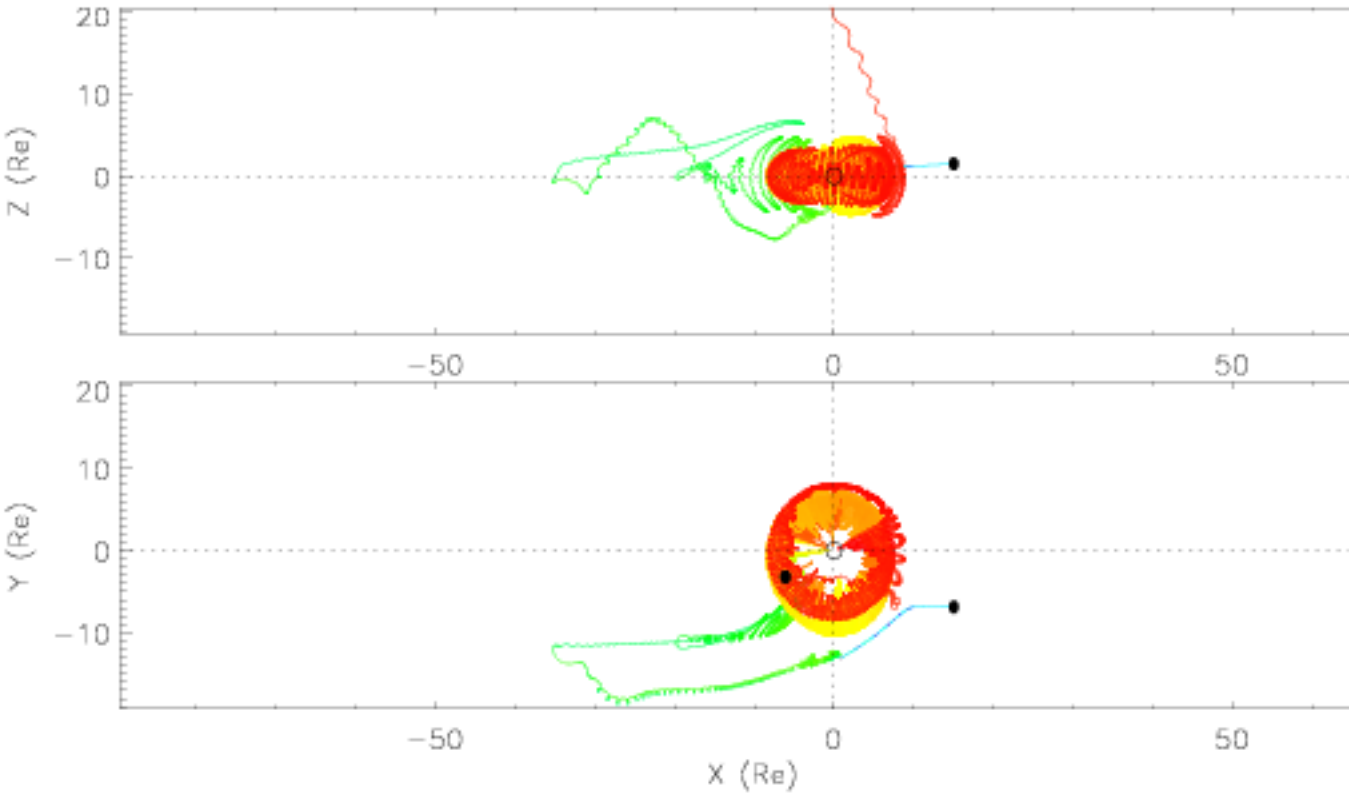

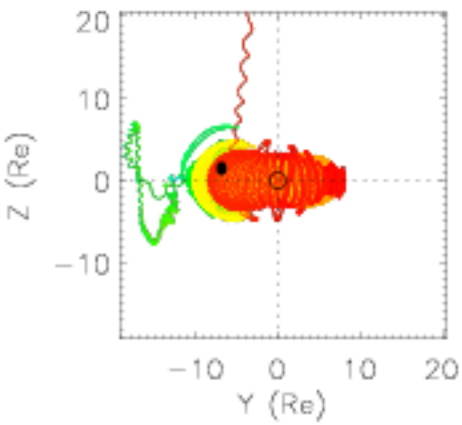

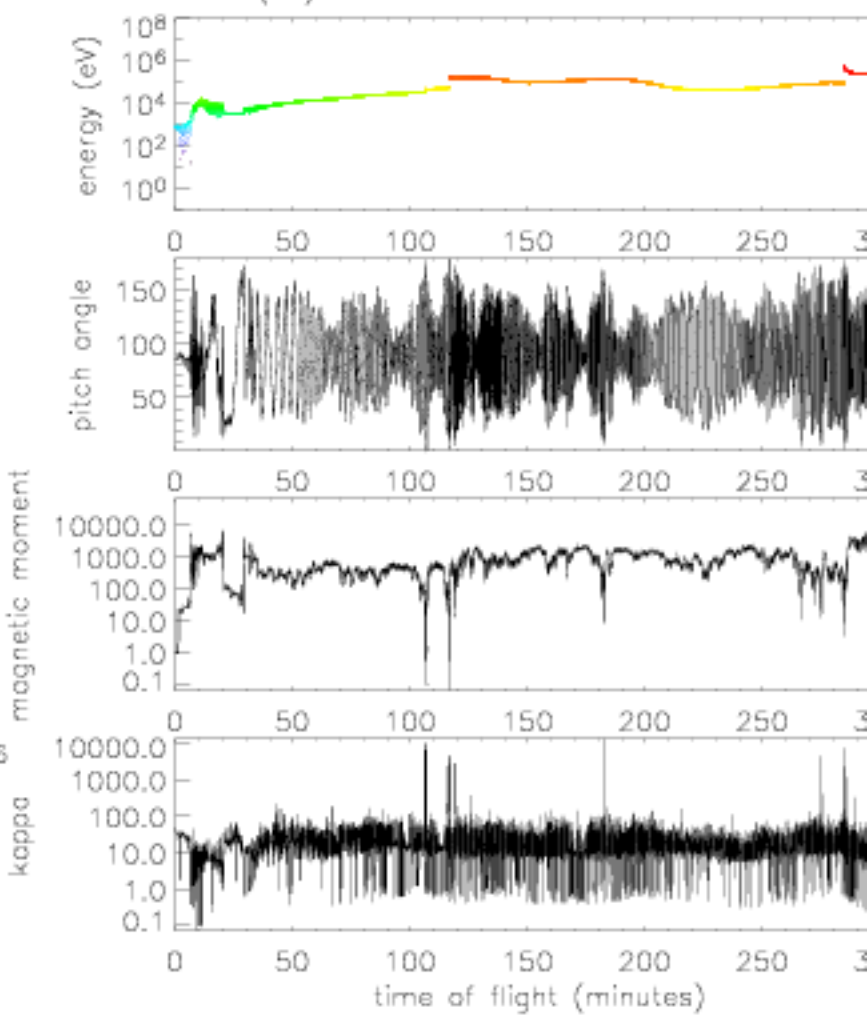

Start, Stop Parameters:

Time (minute): 0.0, 310.7
Magnetic local time: 10.360, 1.836
Magnetic latitude: 5.148, 83.170
Distance (Re): 16.56, 58.08
Energy (eV): 829.20, 259900.00
Pitch angle: 87.000, 175.400
Tilt angle (deg): 0.000

file: particle086219.full

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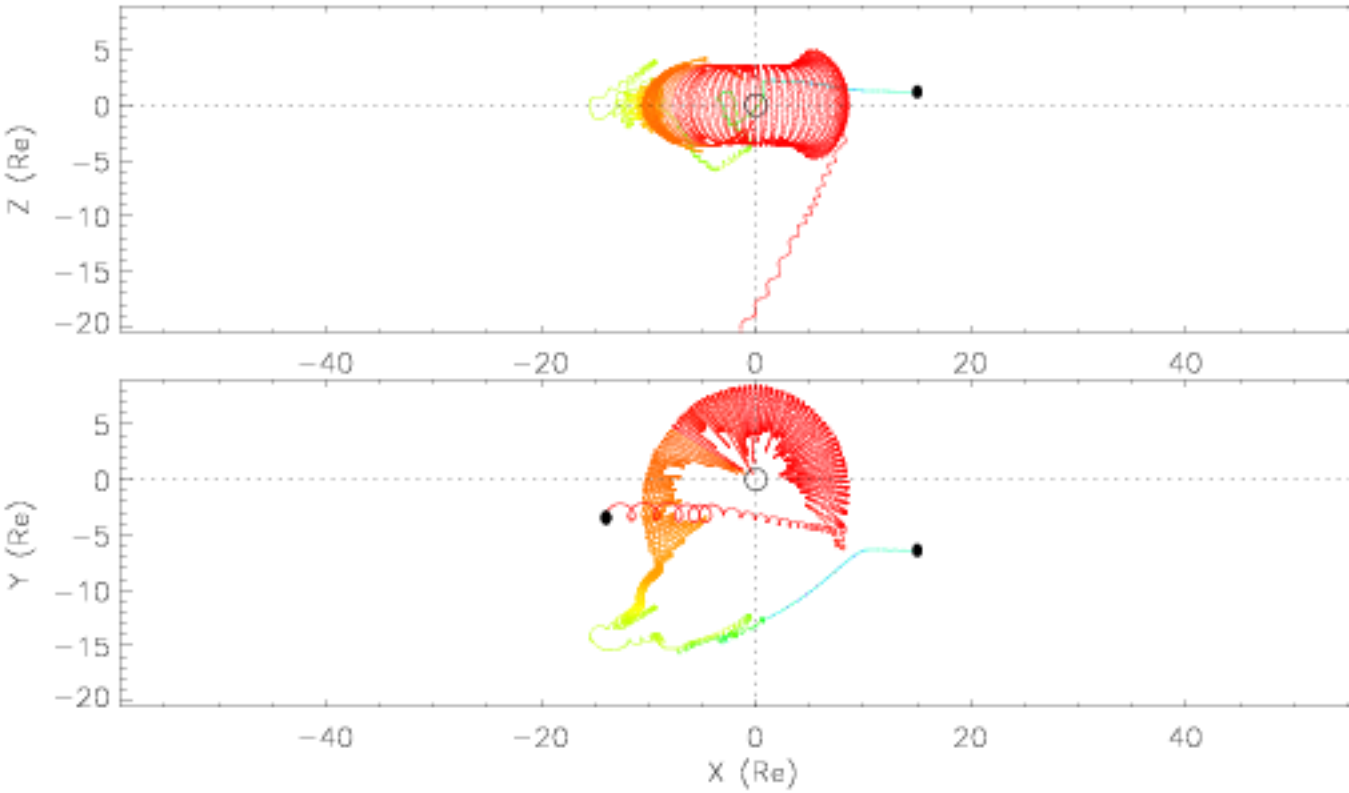

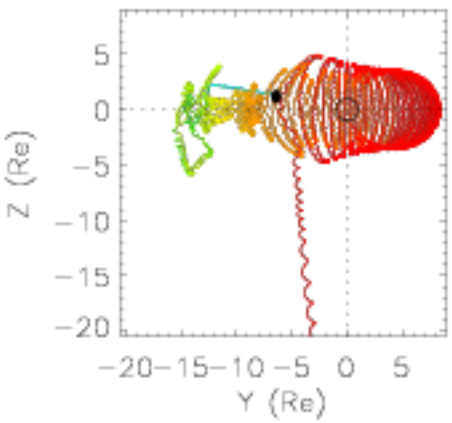

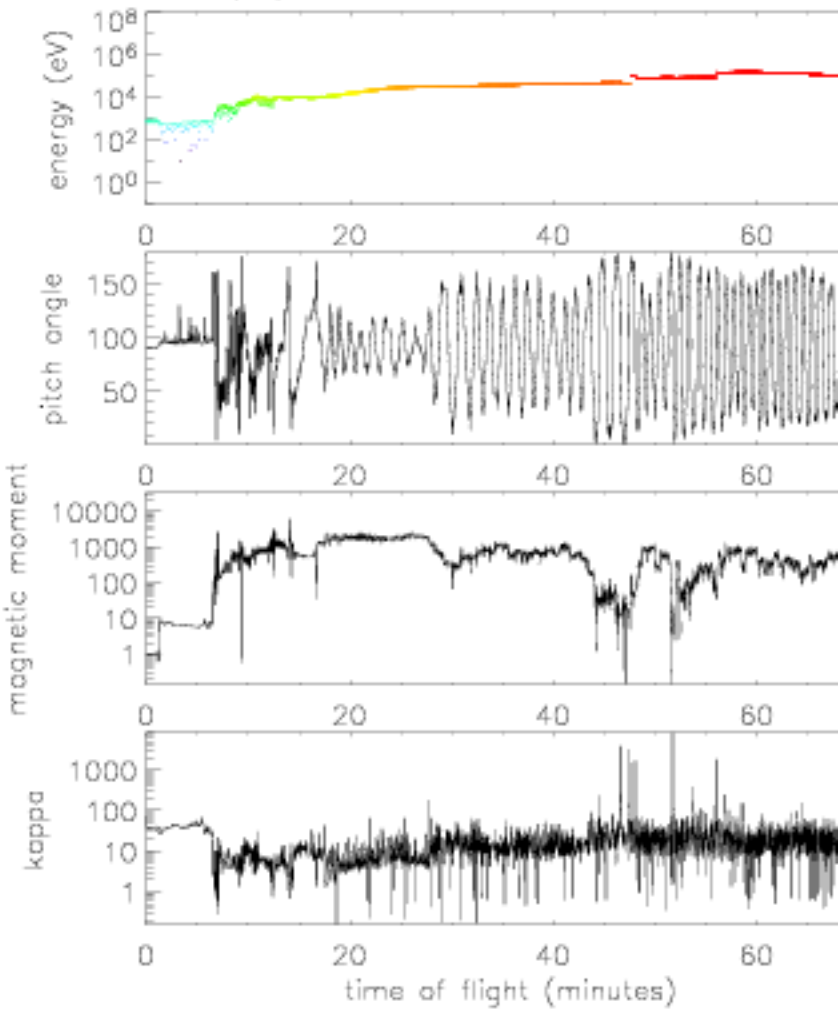

Start, Stop Parameters:

Time (minute): 0.0, 71.7
Magnetic local time: 10.460, 0.927
Magnetic latitude: 4.150,−76.830
Distance (Re): 16.35, 63.02
Energy (eV): 830.30, 91380.00
Pitch angle: 91.390, 32.750
Tilt angle (deg): 0.000

file: particle091567.full

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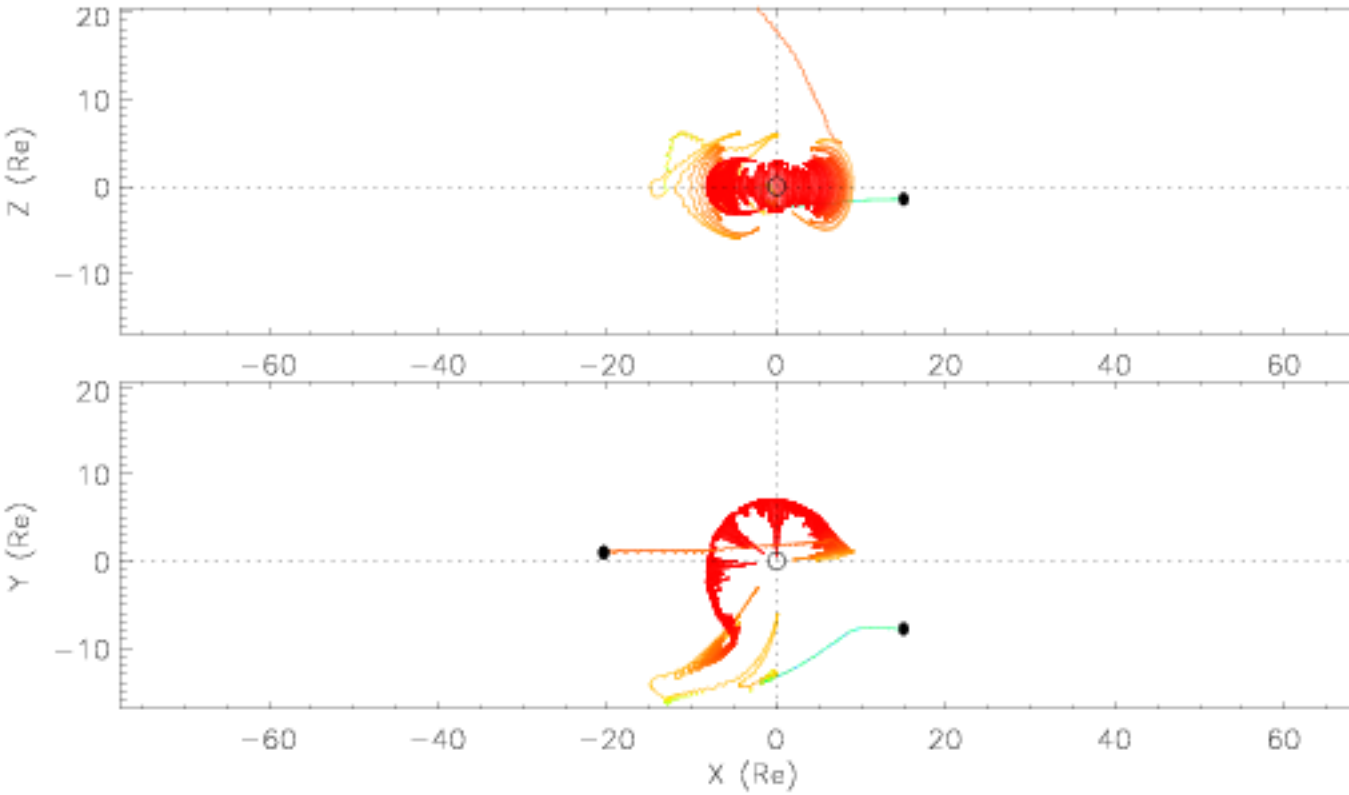

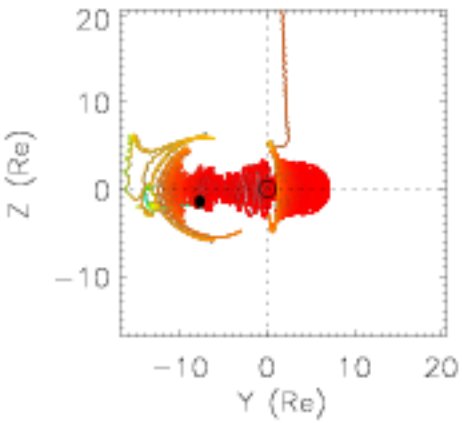

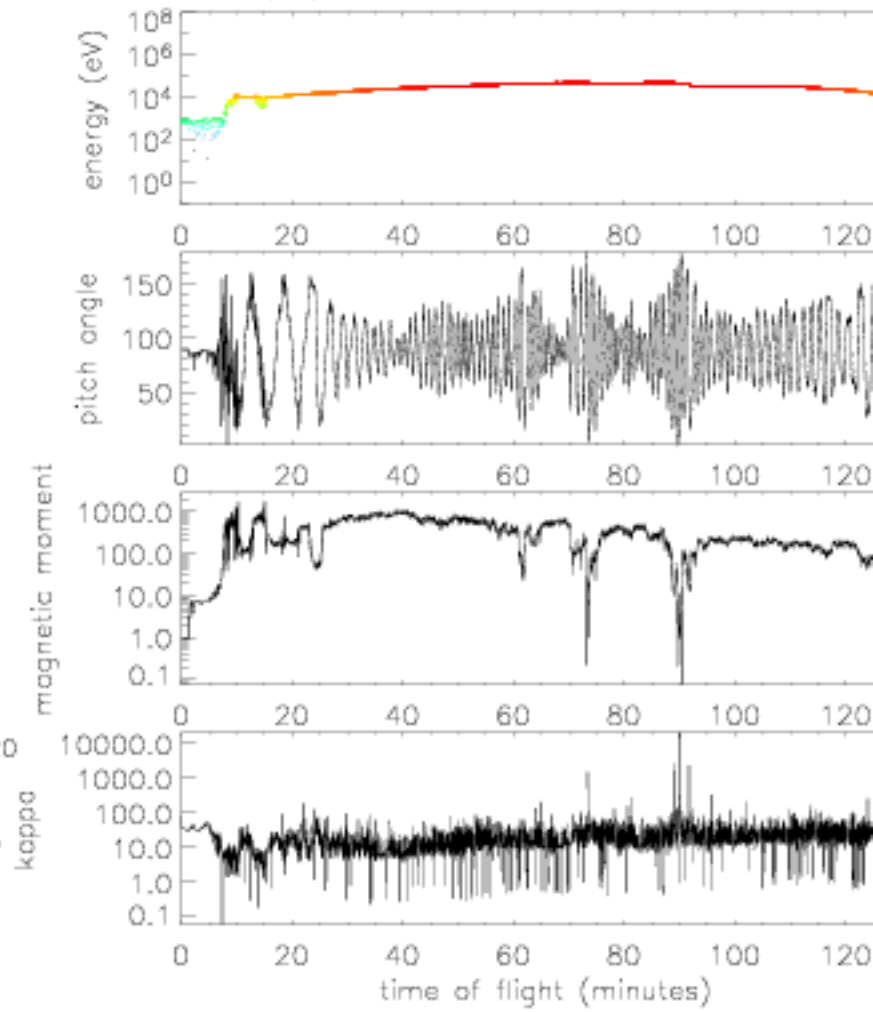

Start, Stop Parameters:

Time (minute): 0.0, 131.8
Magnetic local time: 10.170, 23.820
Magnetic latitude: −4.896, 72.360
Distance (Re): 16.97, 67.52
Energy (eV): 829.10, 18190.00
Pitch angle: 88.890, 174.500
Tilt angle (deg): 0.000

file: particle093767.full

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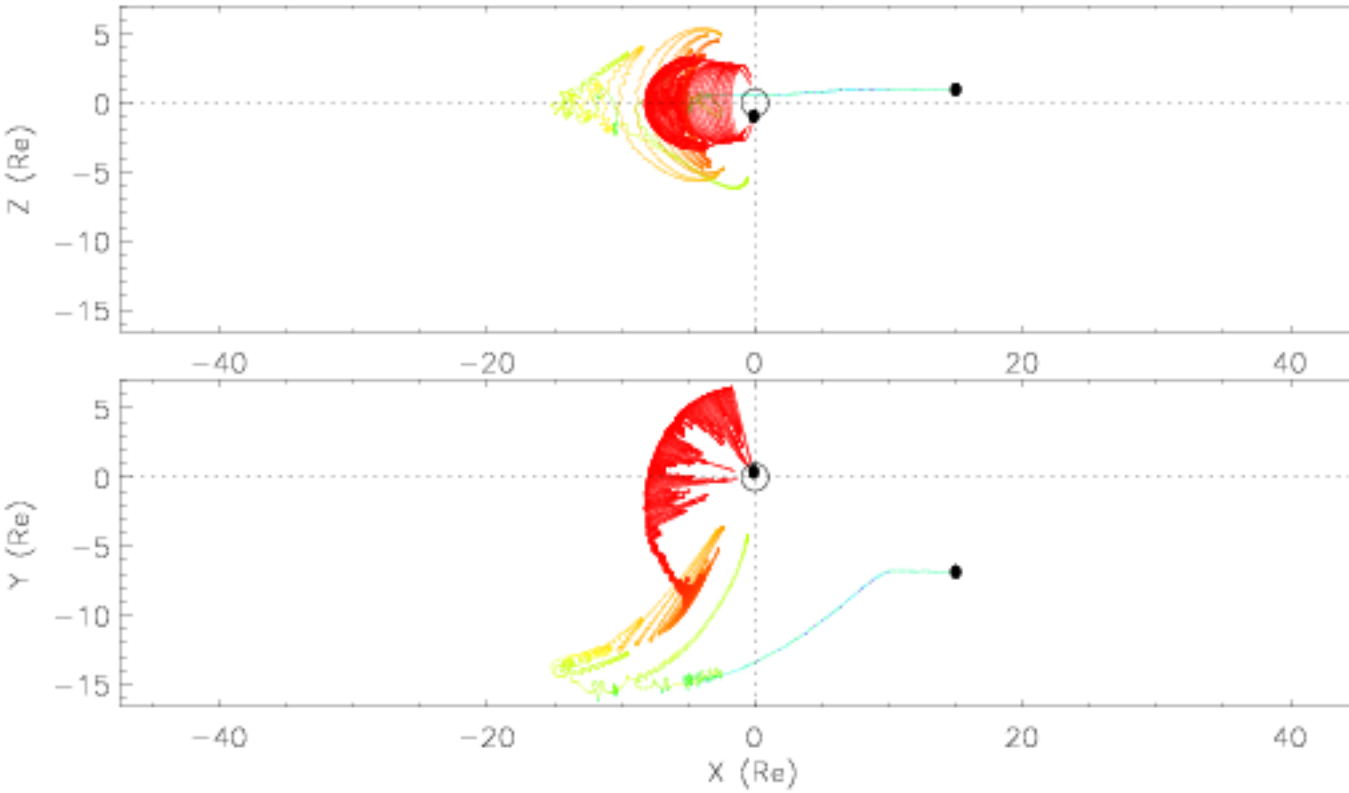

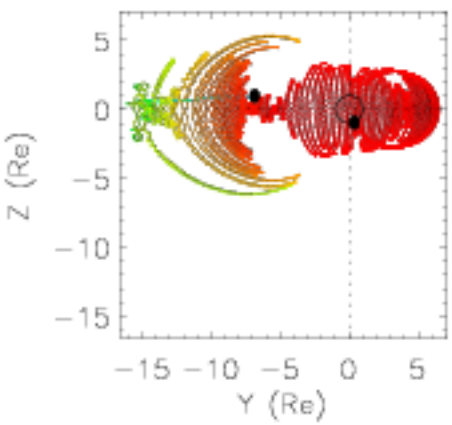

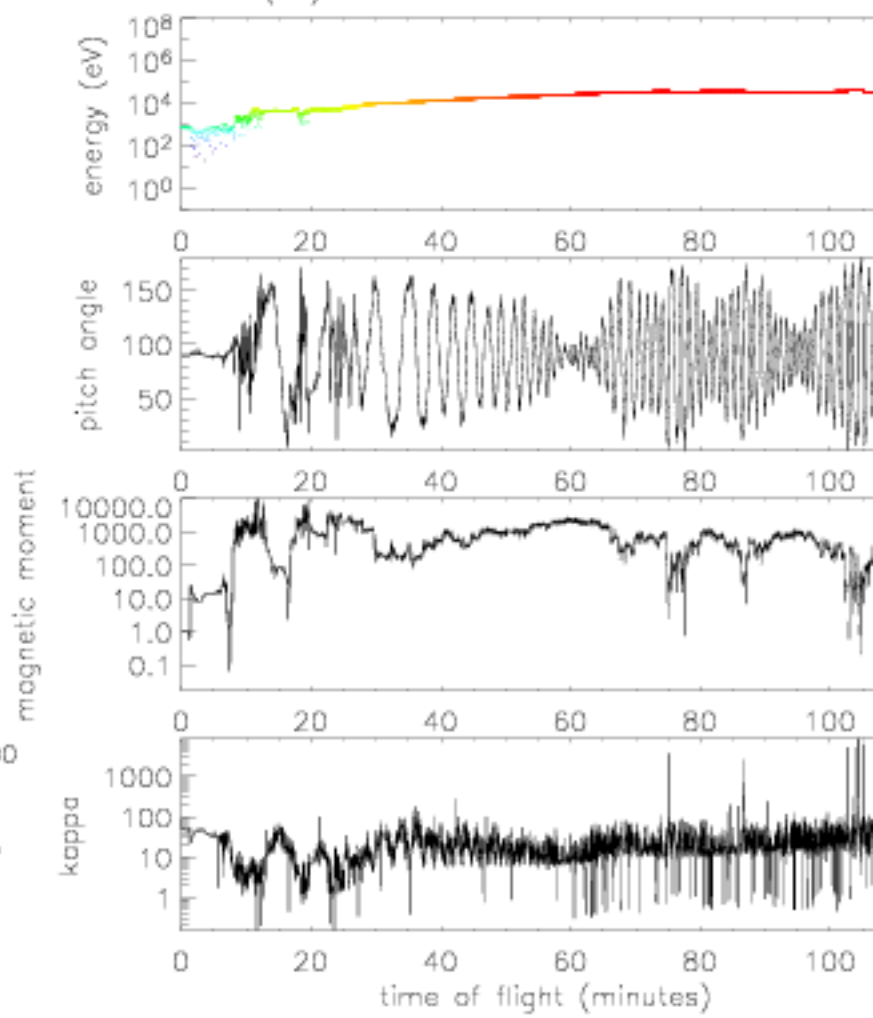

Start, Stop Parameters:

Time (minute): 0.0, 112.5
Magnetic local time: 10.360, 19.000
Magnetic latitude: 3.390, −67.590
Distance (Re): 16.52, 1.05
Energy (eV): 825.60, 37270.00
Pitch angle: 89.030, 168.100
Tilt angle (deg): 0.000

file: particle096451.full

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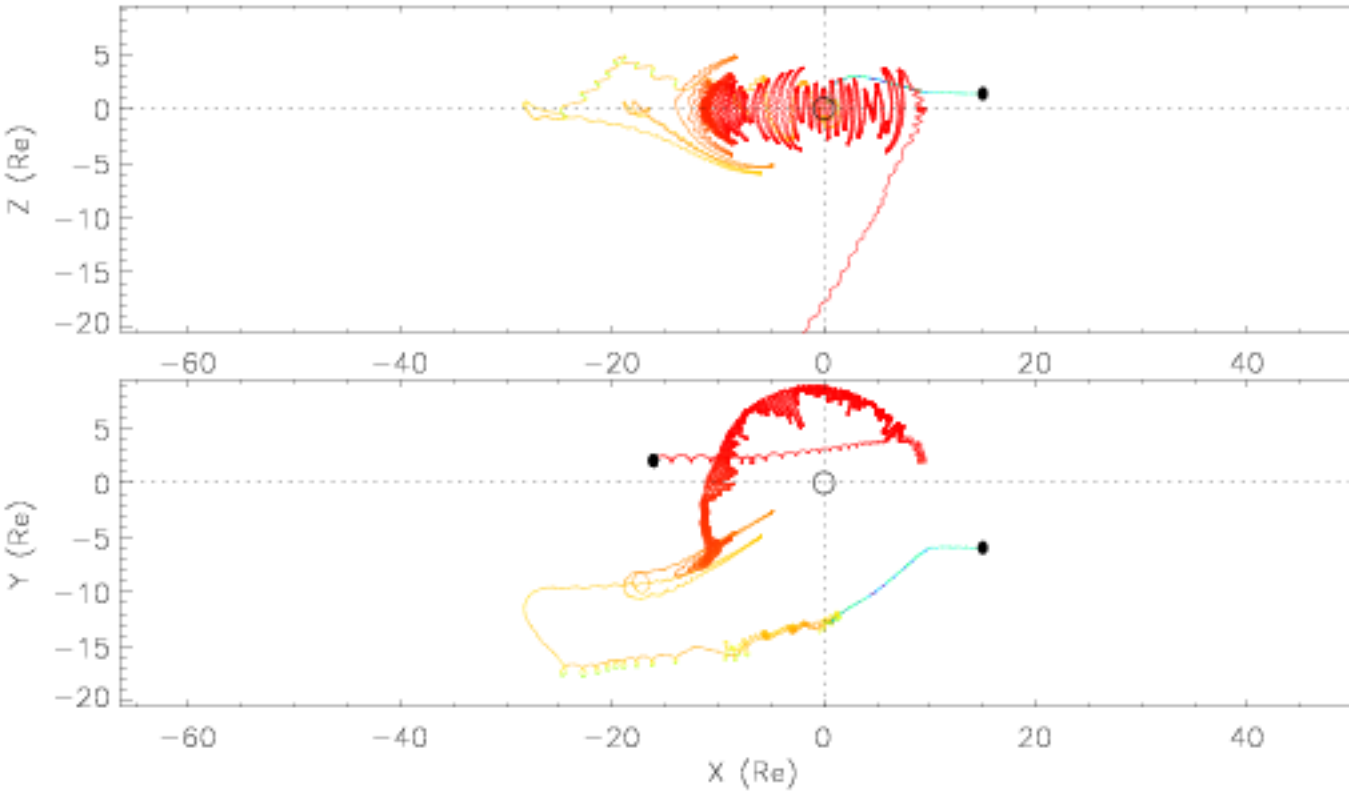

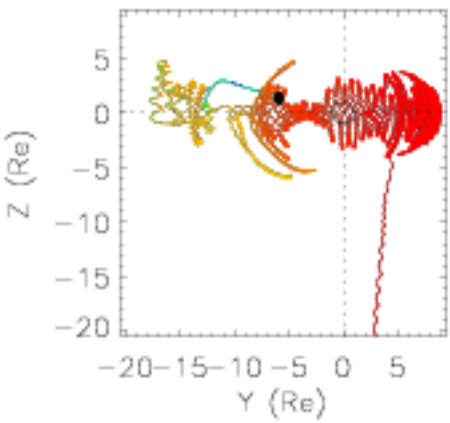

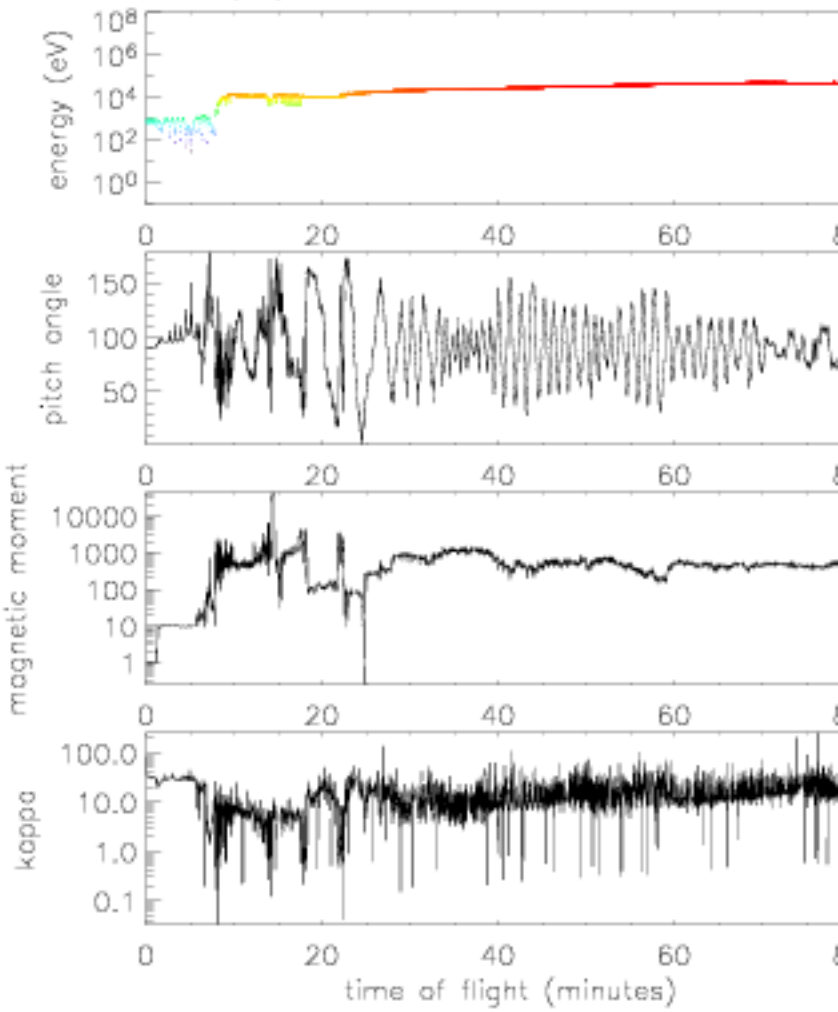

Start, Stop Parameters:

Time (minute): 0.0, 82.9
Magnetic local time: 10.560, 23.520
Magnetic latitude: 4.777,−75.450
Distance (Re): 16.19, 64.58
Energy (eV): 834.40, 41870.00
Pitch angle: 91.040, 17.280
Tilt angle (deg): 0.000

file: particle096878.full

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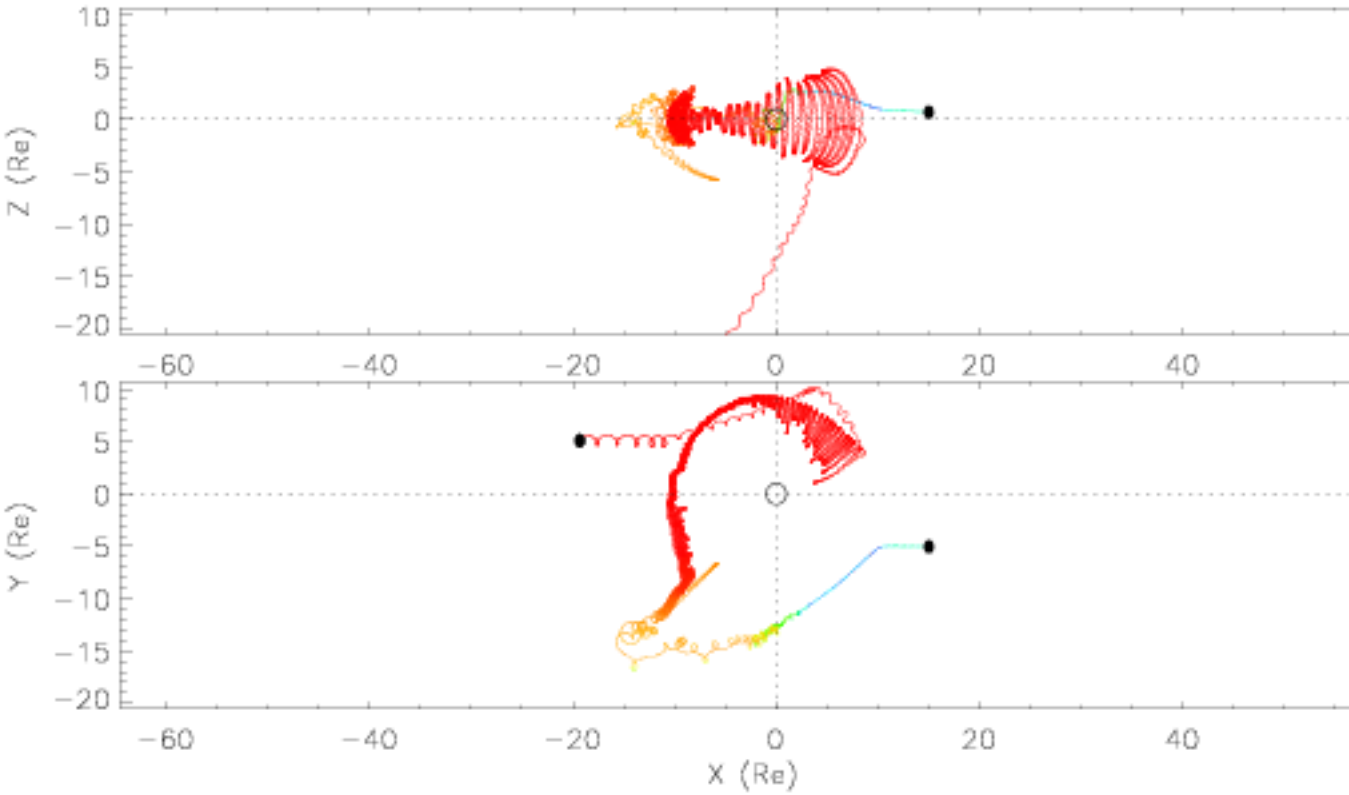

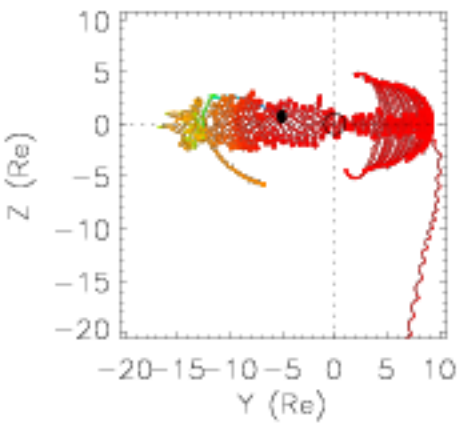

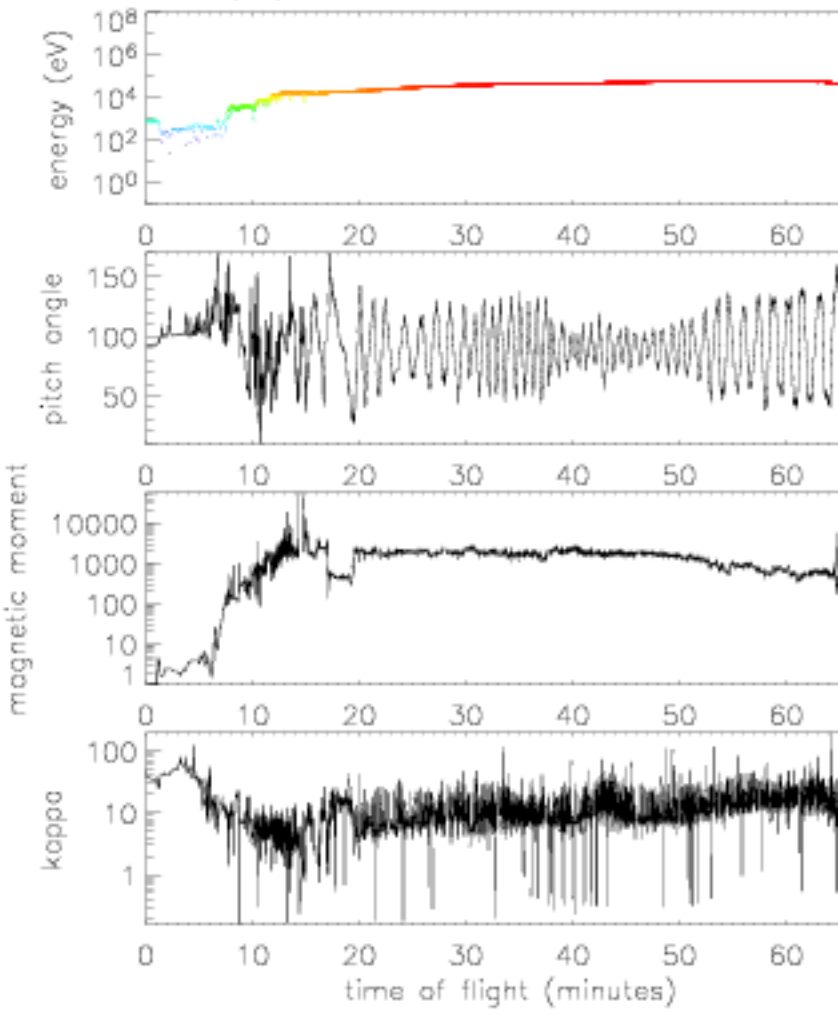

Start, Stop Parameters:

Time (minute): 0.0, 68.4
Magnetic local time: 10.760, 23.020
Magnetic latitude: 2.507, −72.390
Distance (Re): 15.84, 66.04
Energy (eV): 833.20, 57640.00
Pitch angle: 92.740, 25.230
Tilt angle (deg): 0.000

file: particle096972.full

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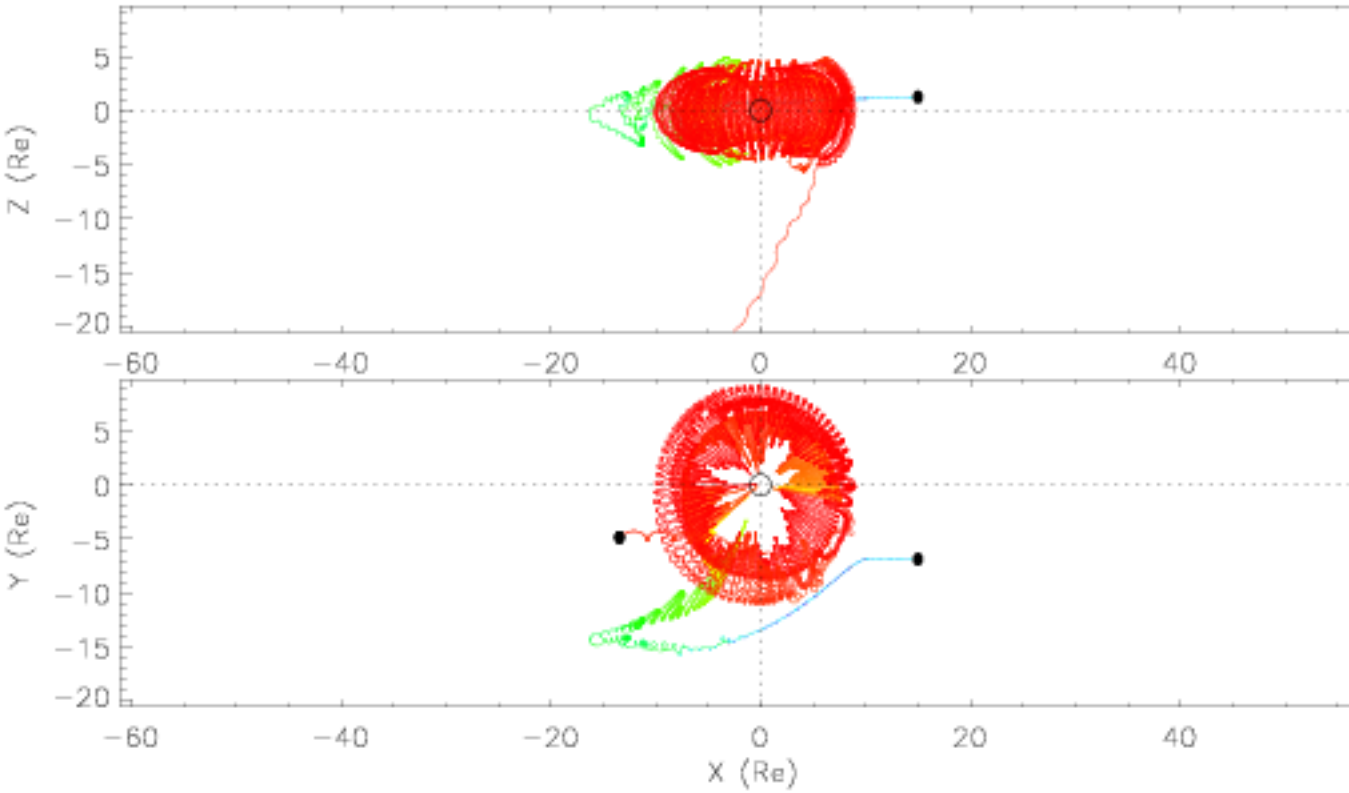

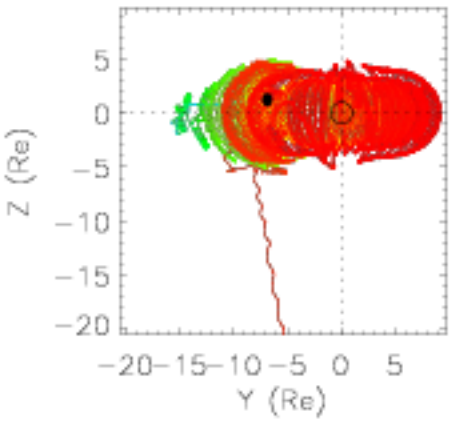

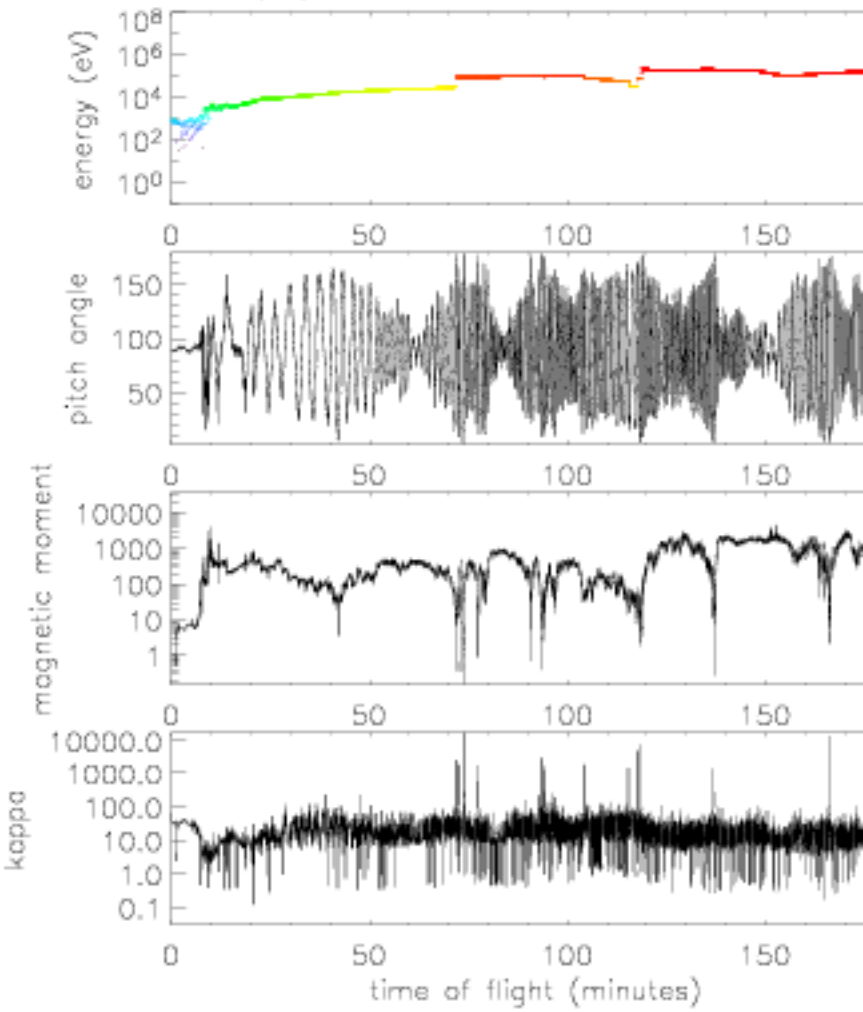

Start, Stop Parameters:

Time (minute): 0.0, 184.3
Magnetic local time: 10.360, 1.321
Magnetic latitude: 4.331,−76.880
Distance (Re): 16.54, 63.01
Energy (eV): 831.10, 114600.00
Pitch angle: 88.450, 17.010
Tilt angle (deg): 0.000

file: particle097314.full

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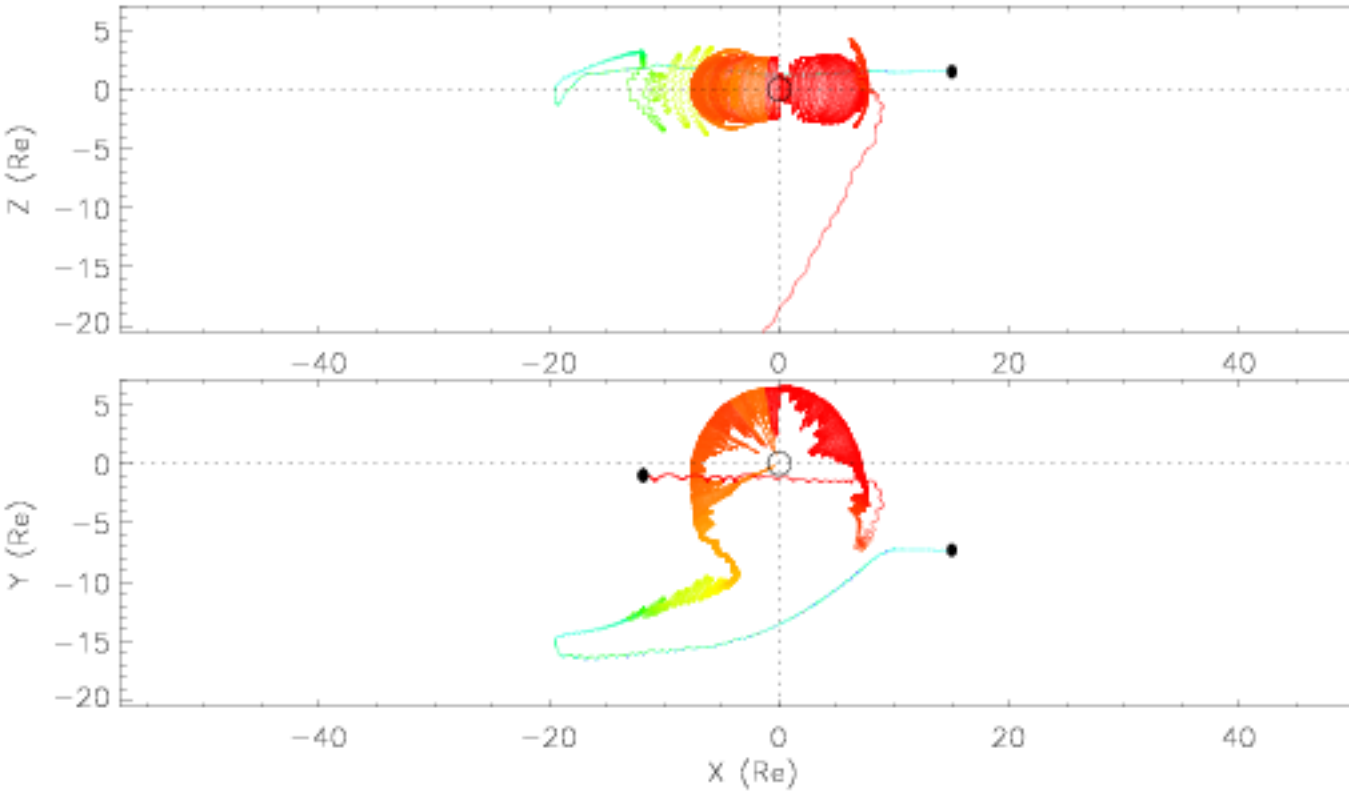

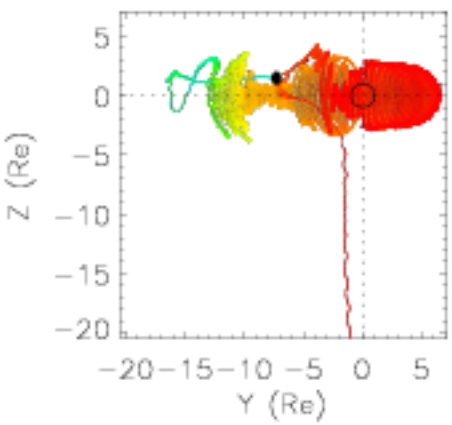

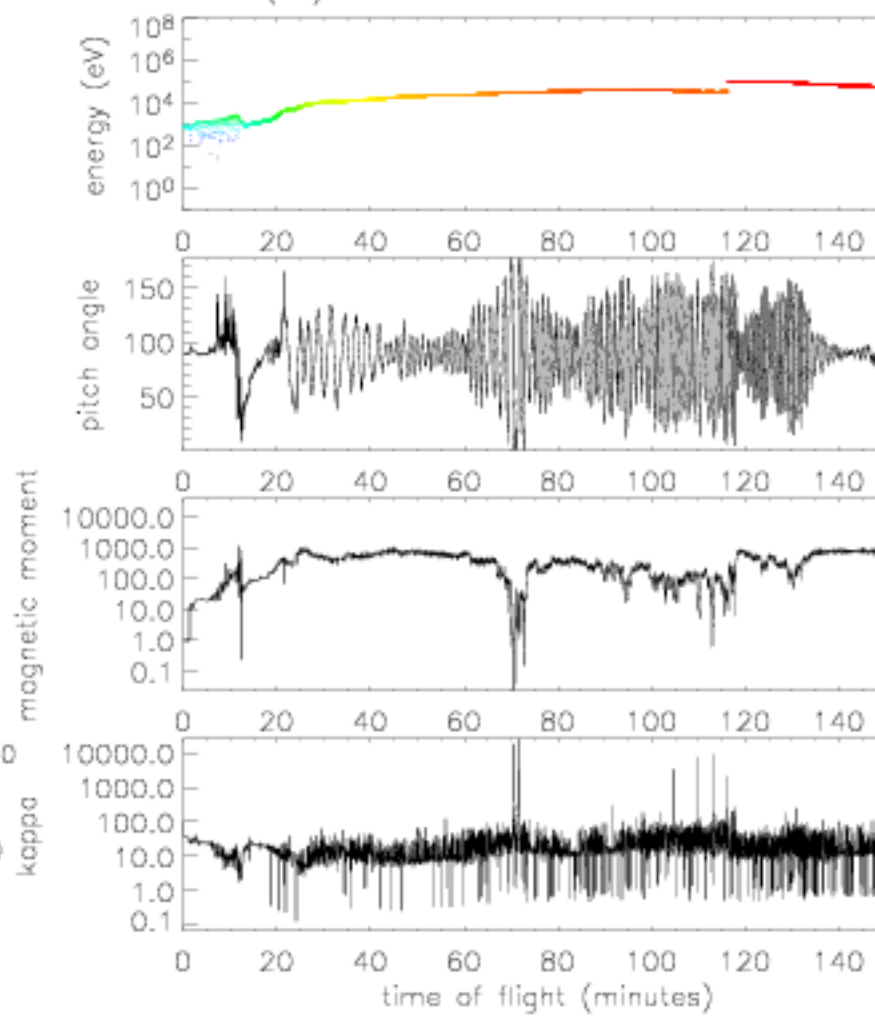

Start, Stop Parameters:

Time (minute): 0.0, 155.9
Magnetic local time: 10.270, 0.320
Magnetic latitude: 5.068, −78.840
Distance (Re): 16.75, 61.37
Energy (eV): 828.20, 81040.00
Pitch angle: 89.320, 16.550
Tilt angle (deg): 0.000

file: particle108337.full

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