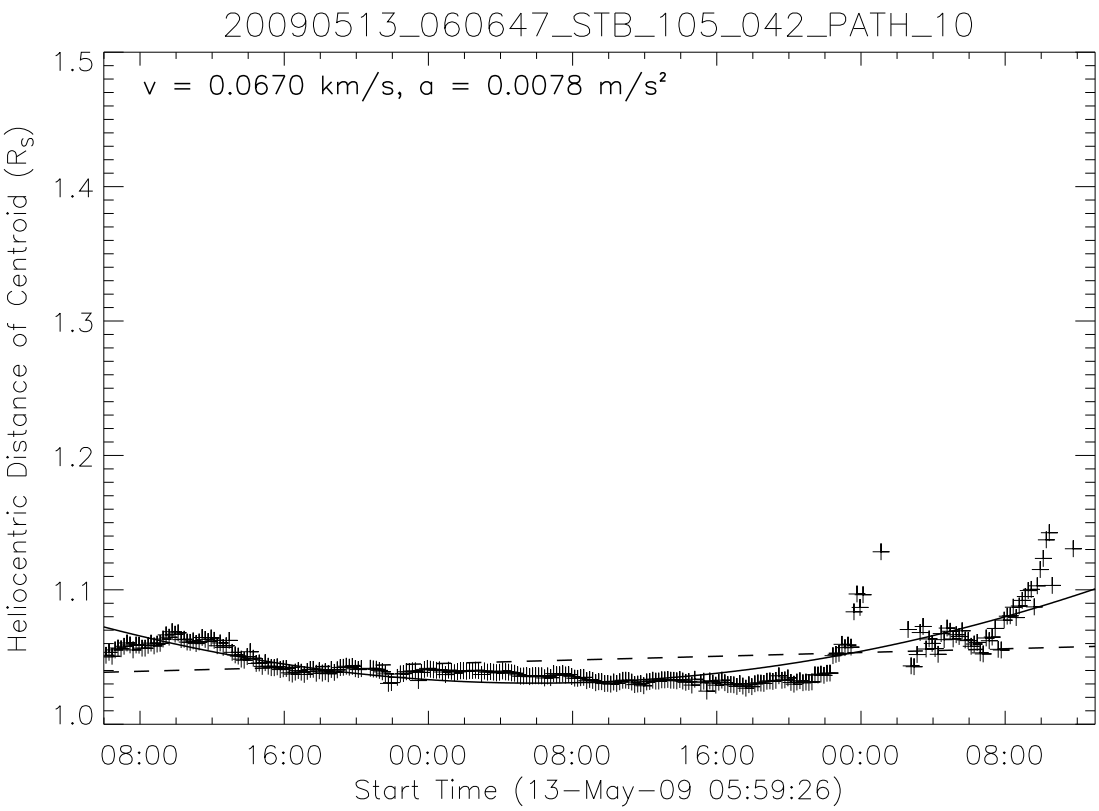
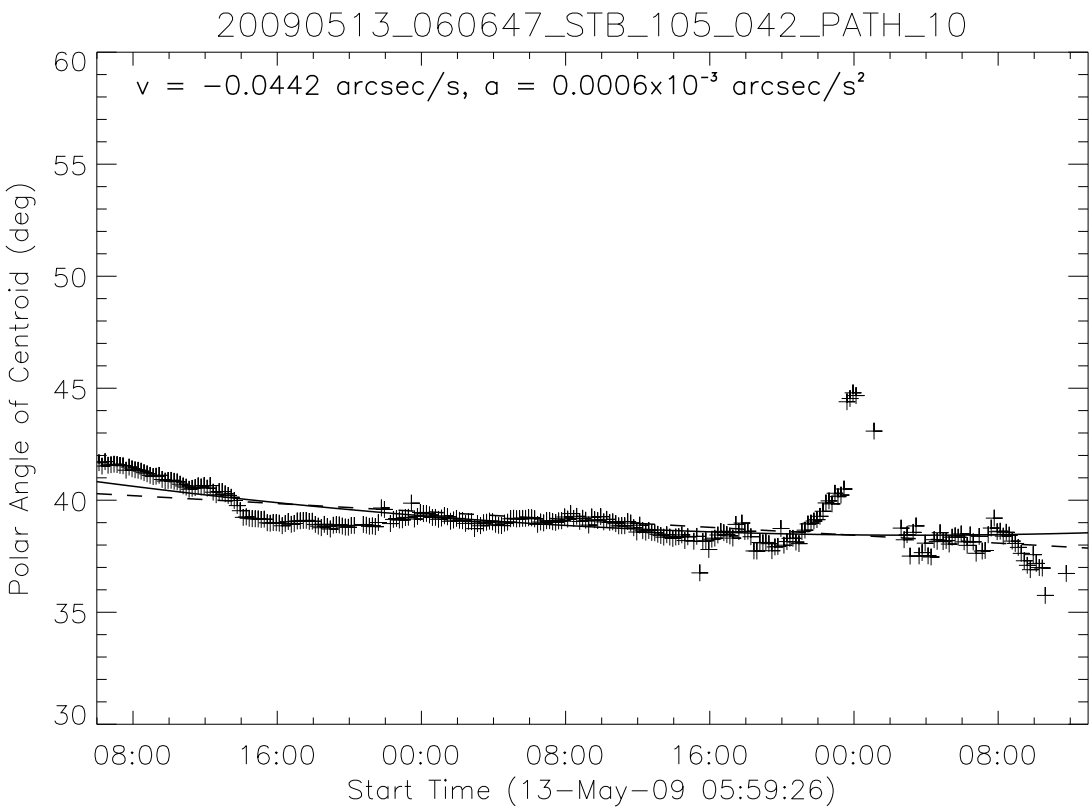
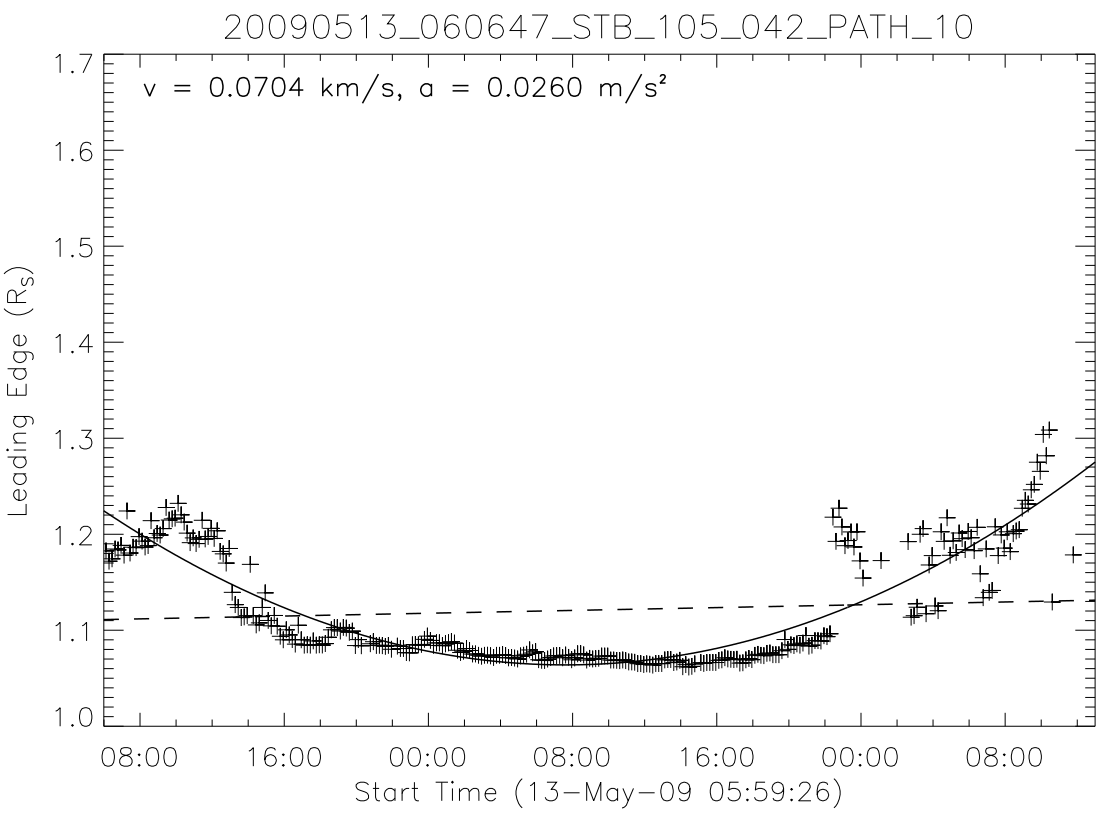
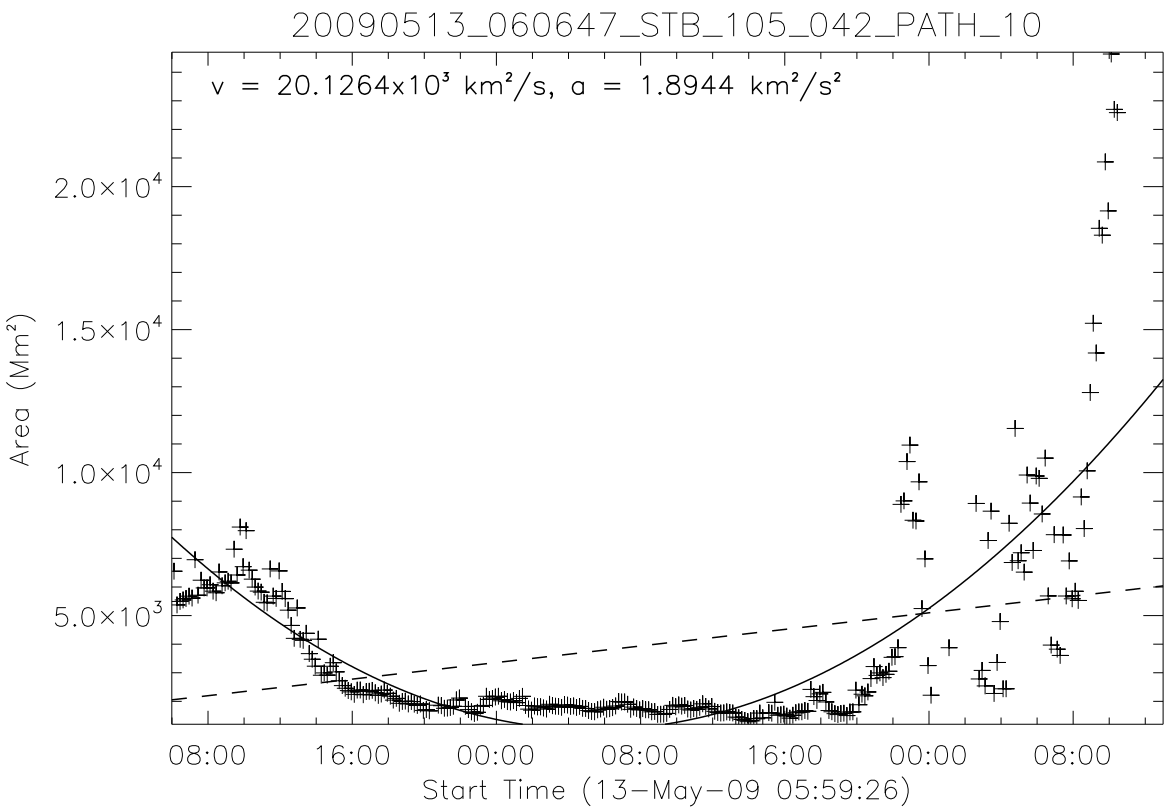
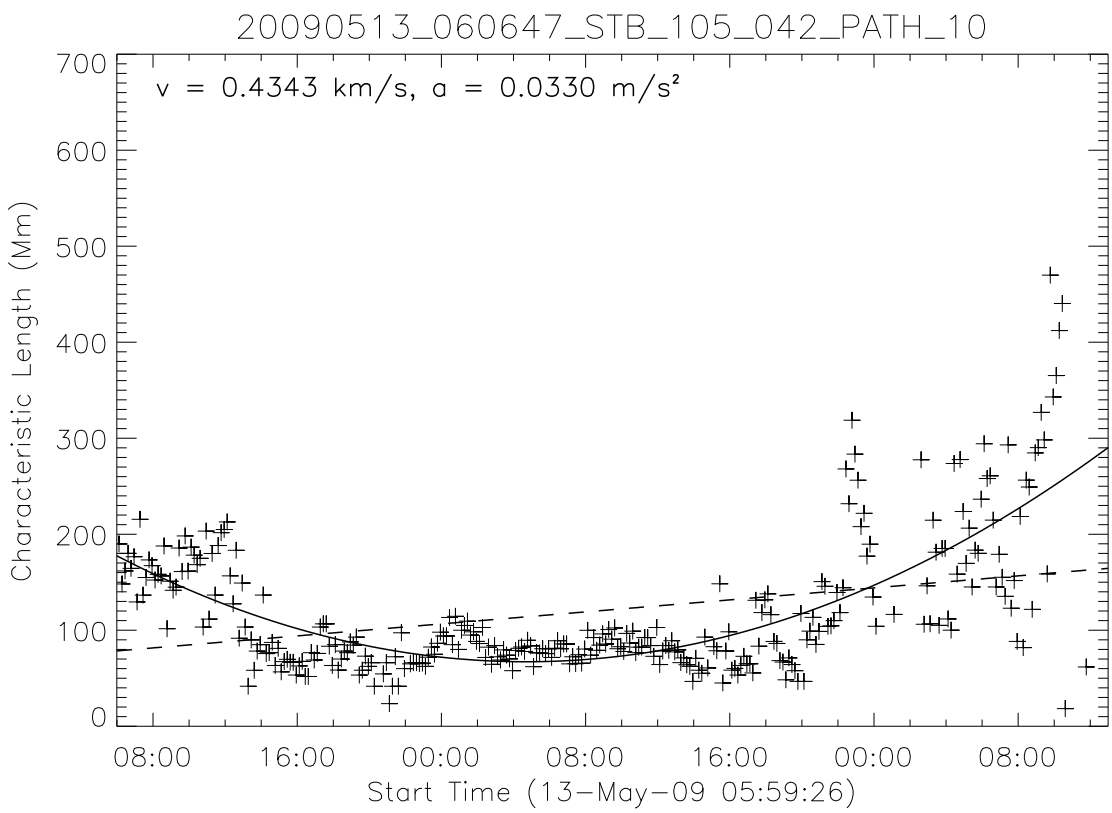
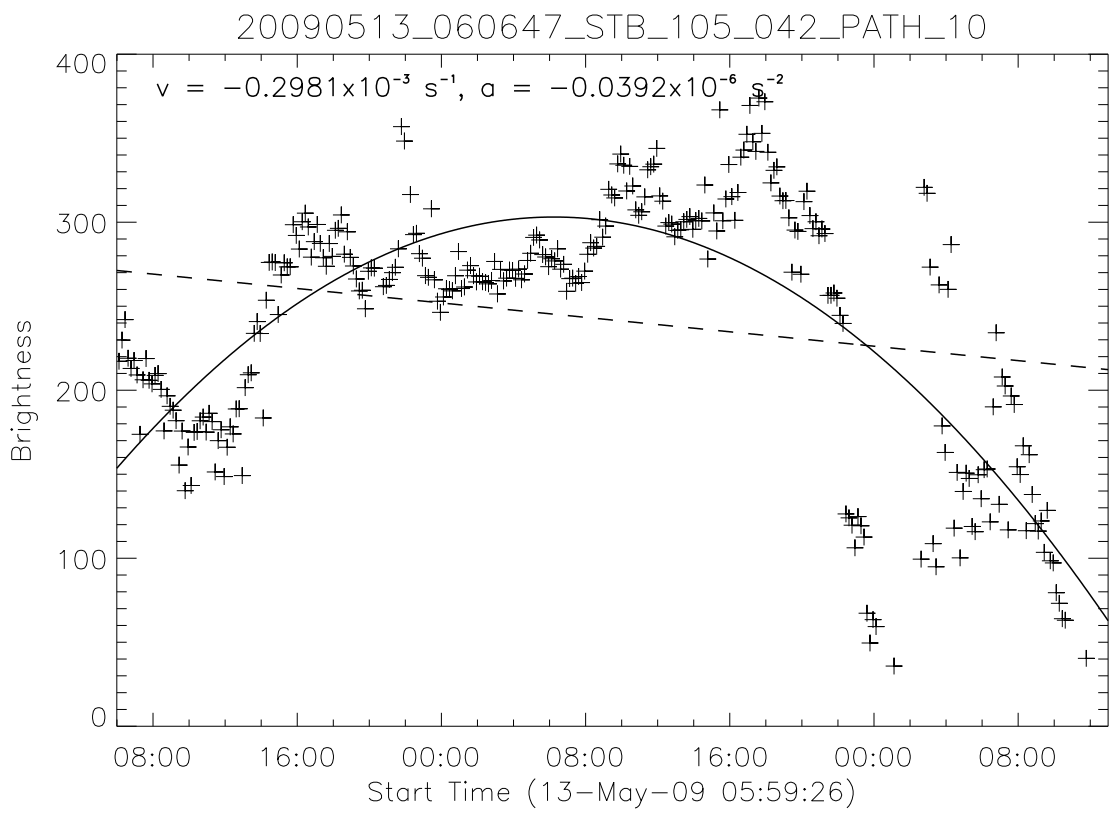

20090513_060647_STB_105_042_PATH_10
v = 0.0670 km/s, a = 0.0078 m/s²
Heliocentric Distance of Centroid (Rs)
1.5
1.4
1.3
1.2
1.1
1.0
08:00
16:00
00:00
08:00
16:00
00:00
08:00
Start Time (13−May−09 05:59:26)


20090513_060647_STB_105_042_PATH_10
v = −0.0442 arcsec/s, a = 0.0006x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
60
55
50
45
40
35
30
08:00
16:00
00:00
08:00
16:00
00:00
08:00
Start Time (13−May−09 05:59:26)


20090513_060647_STB_105_042_PATH_10
v = 0.0704 km/s, a = 0.0260 m/s²
Leading Edge (Rs)
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1.0
08:00
16:00
00:00
08:00
16:00
00:00
08:00
Start Time (13−May−09 05:59:26)


20090513_060647_STB_105_042_PATH_10
v = 20.1264x10³ km²/s, a = 1.8944 km²/s²
2.0×10⁴
1.5×10⁴
1.0×10⁴
5.0×10³
Area (Mm²)
08:00
16:00
00:00
08:00
16:00
00:00
08:00
Start Time (13−May−09 05:59:26)


20090513_060647_STB_105_042_PATH_10
v = 0.4343 km/s, a = 0.0330 m/s²
Characteristic Length (Mm)
700
600
500
400
300
200
100
0
08:00
16:00
00:00
08:00
16:00
00:00
08:00
Start Time (13−May−09 05:59:26)


20090513_060647_STB_105_042_PATH_10
v = −0.2981x10⁻³ s⁻¹, a = −0.0392x10⁻⁶ s⁻²
Brightness
400
300
200
100
0
08:00
16:00
00:00
08:00
16:00
00:00
08:00
Start Time (13−May−09 05:59:26)