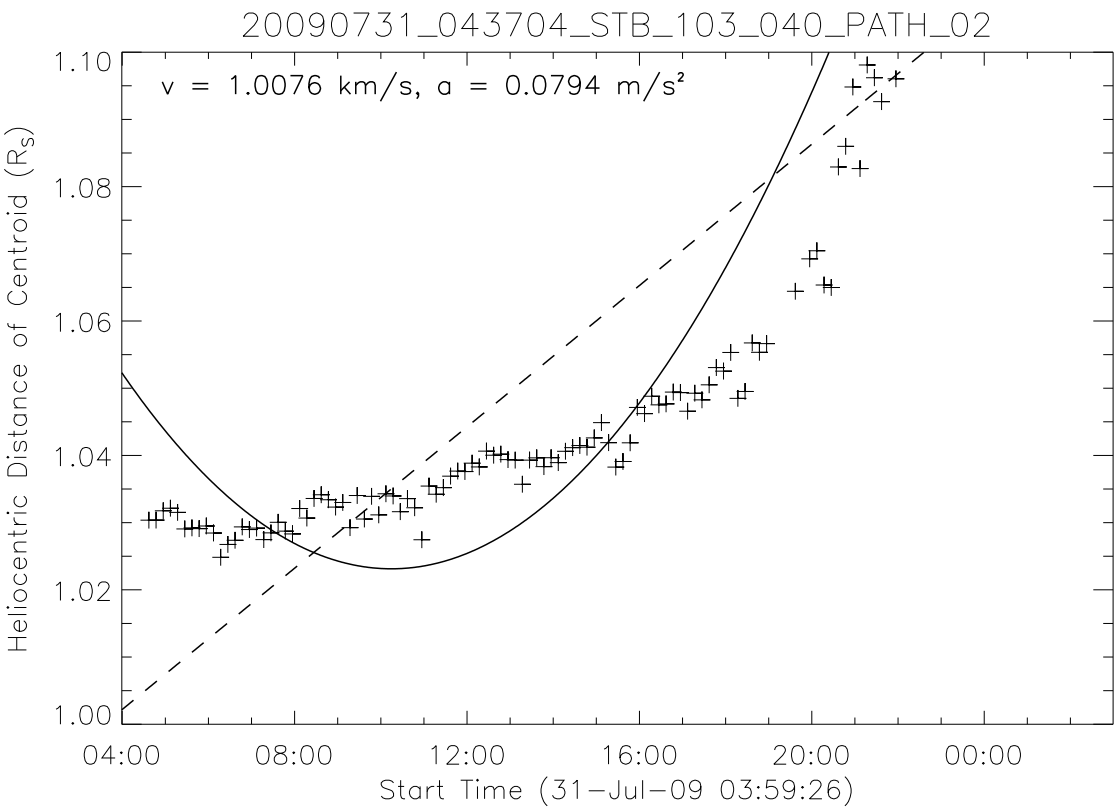
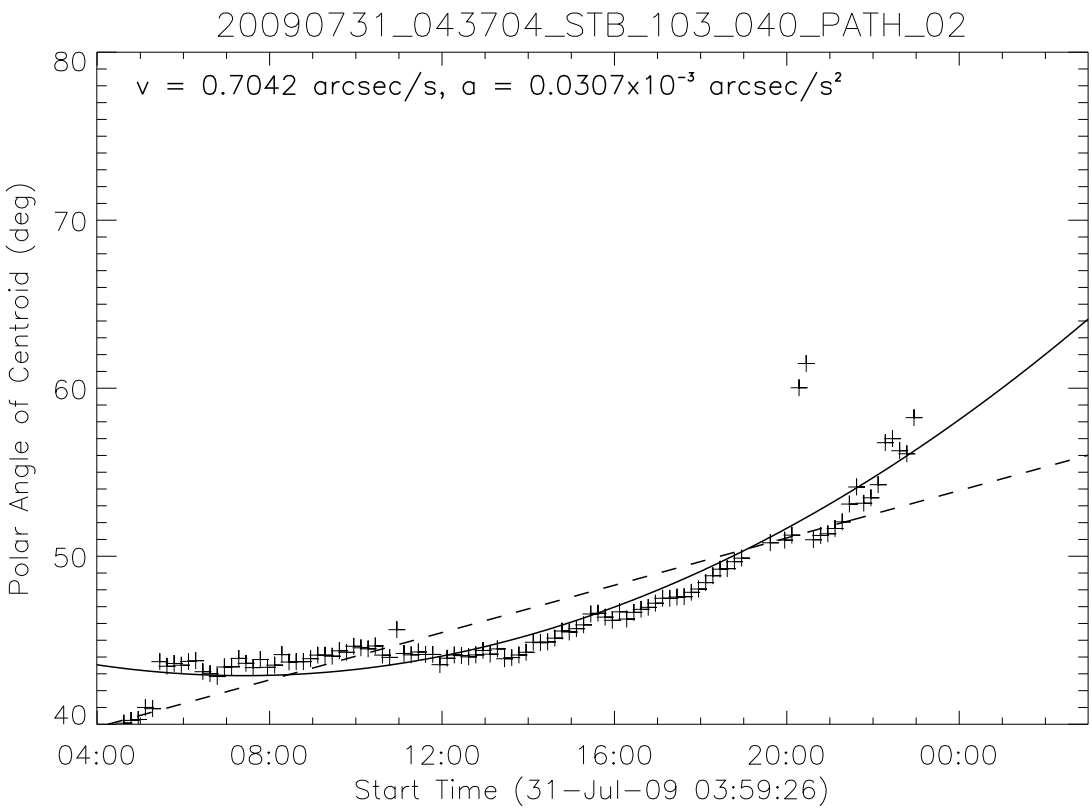
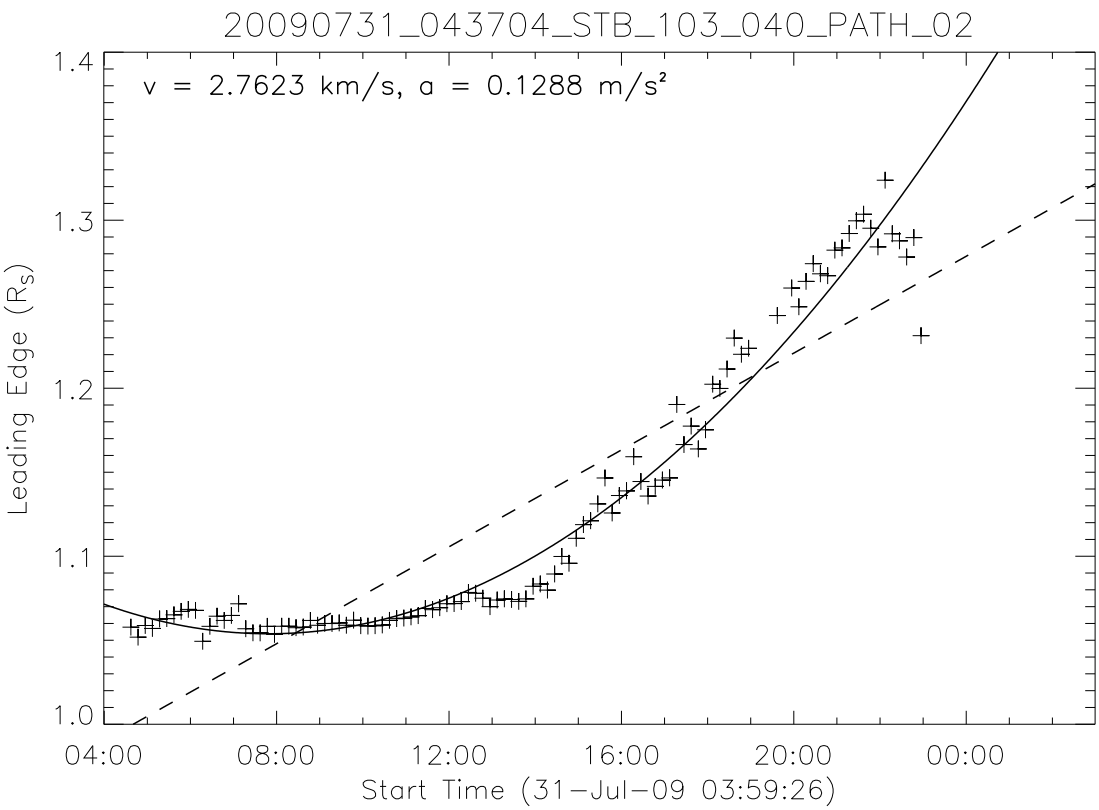
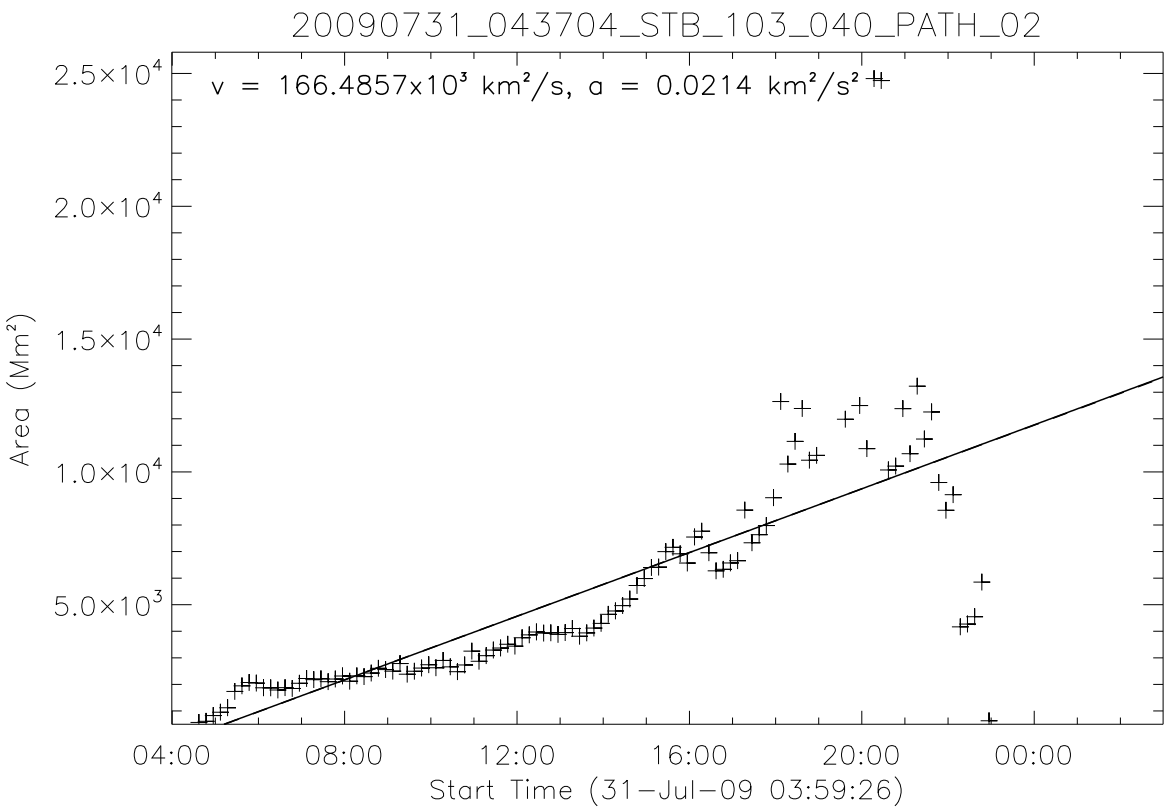
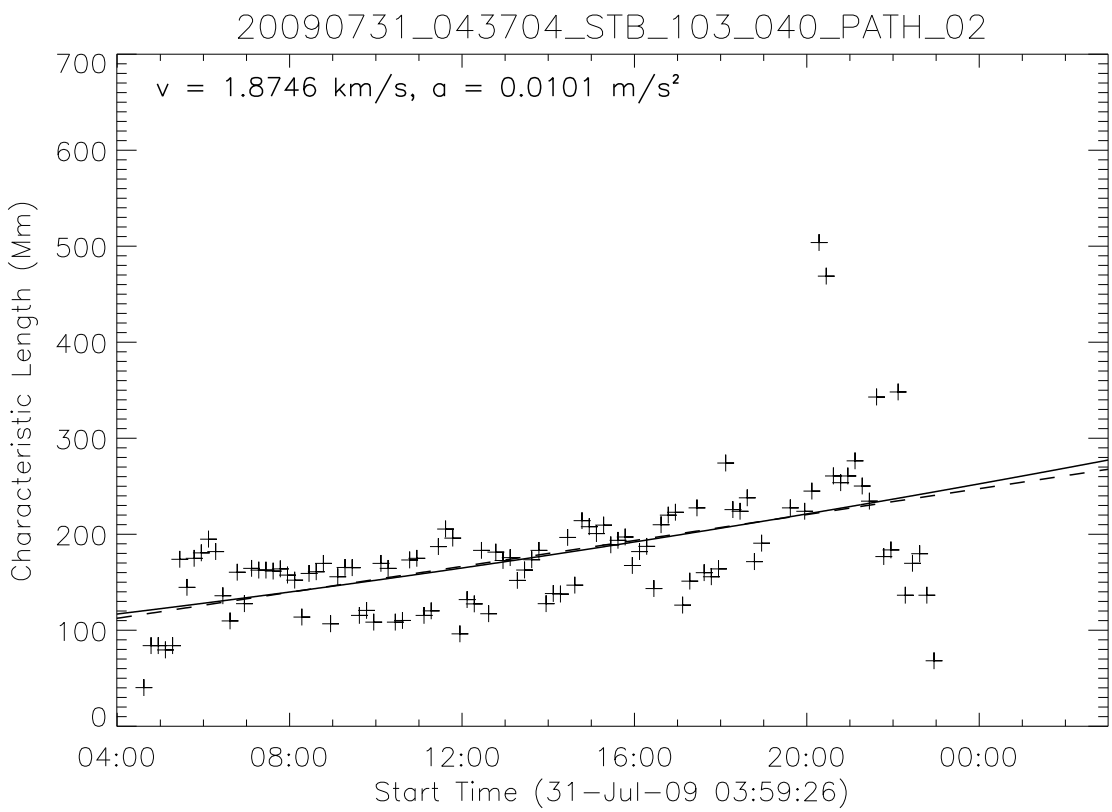
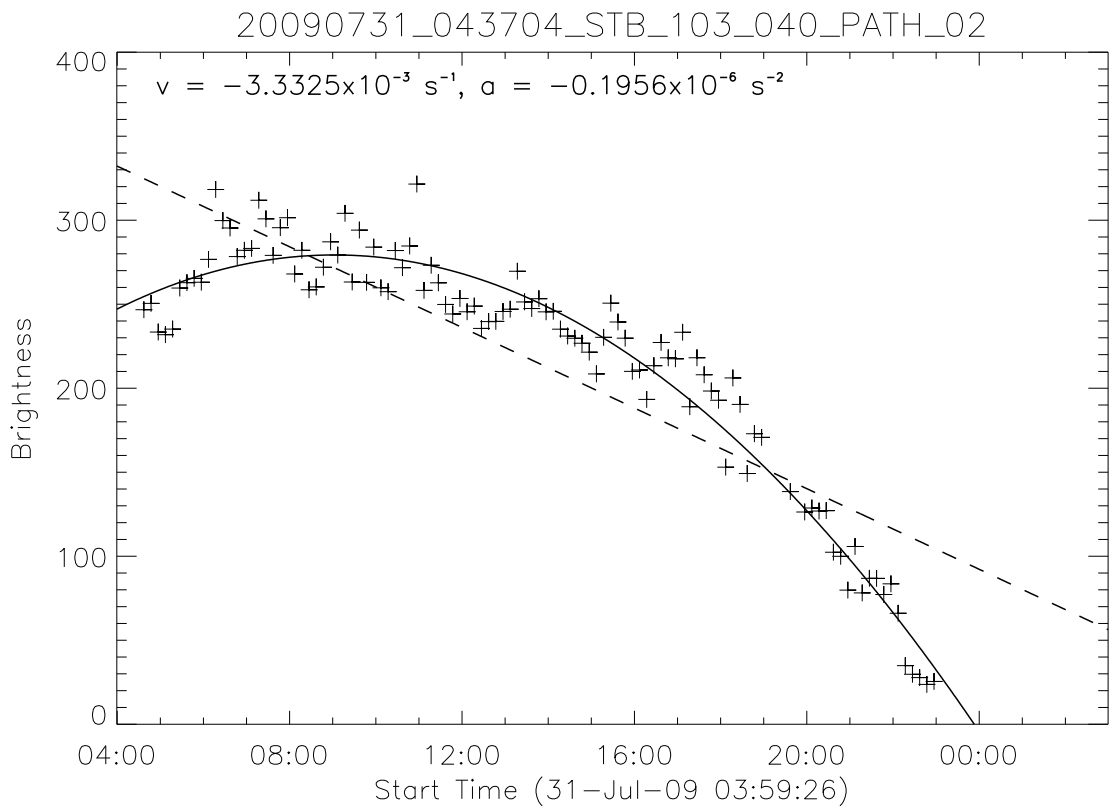

20090731_043704_STB_103_040_PATH_02
v = 1.0076 km/s, a = 0.0794 m/s²
Heliocentric Distance of Centroid (Rs)
1.10
1.08
1.06
1.04
1.02
1.00
04:00
08:00
12:00
16:00
20:00
00:00
Start Time (31−Jul−09 03:59:26)


20090731_043704_STB_103_040_PATH_02
v = 0.7042 arcsec/s, a = 0.0307x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
80
70
60
50
40
04:00
08:00
12:00
16:00
20:00
00:00
Start Time (31−Jul−09 03:59:26)


20090731_043704_STB_103_040_PATH_02
v = 2.7623 km/s, a = 0.1288 m/s²
Leading Edge (Rs)
1.4
1.3
1.2
1.1
1.0
04:00
08:00
12:00
16:00
20:00
00:00
Start Time (31−Jul−09 03:59:26)


20090731_043704_STB_103_040_PATH_02
v = 166.4857x10³ km²/s, a = 0.0214 km²/s²
2.5×10⁴
2.0×10⁴
1.5×10⁴
1.0×10⁴
5.0×10³
Area (Mm²)
04:00
08:00
12:00
16:00
20:00
00:00
Start Time (31−Jul−09 03:59:26)


20090731_043704_STB_103_040_PATH_02
v = 1.8746 km/s, a = 0.0101 m/s²
Characteristic Length (Mm)
0
100
200
300
400
500
600
700
04:00
08:00
12:00
16:00
20:00
00:00
Start Time (31-Jul-09 03:59:26)


20090731_043704_STB_103_040_PATH_02
v = −3.3325x10⁻³ s⁻¹, a = −0.1956x10⁻⁶ s⁻²
Brightness
400
300
200
100
0
04:00
08:00
12:00
16:00
20:00
00:00
Start Time (31−Jul−09 03:59:26)