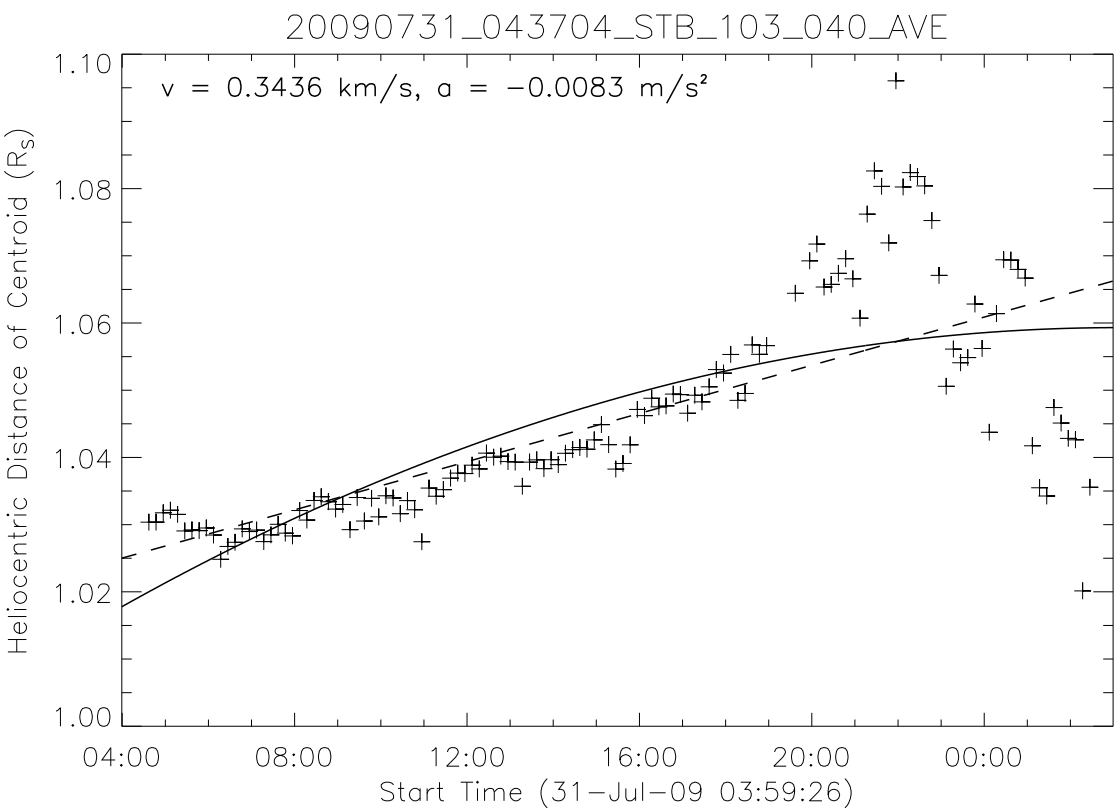
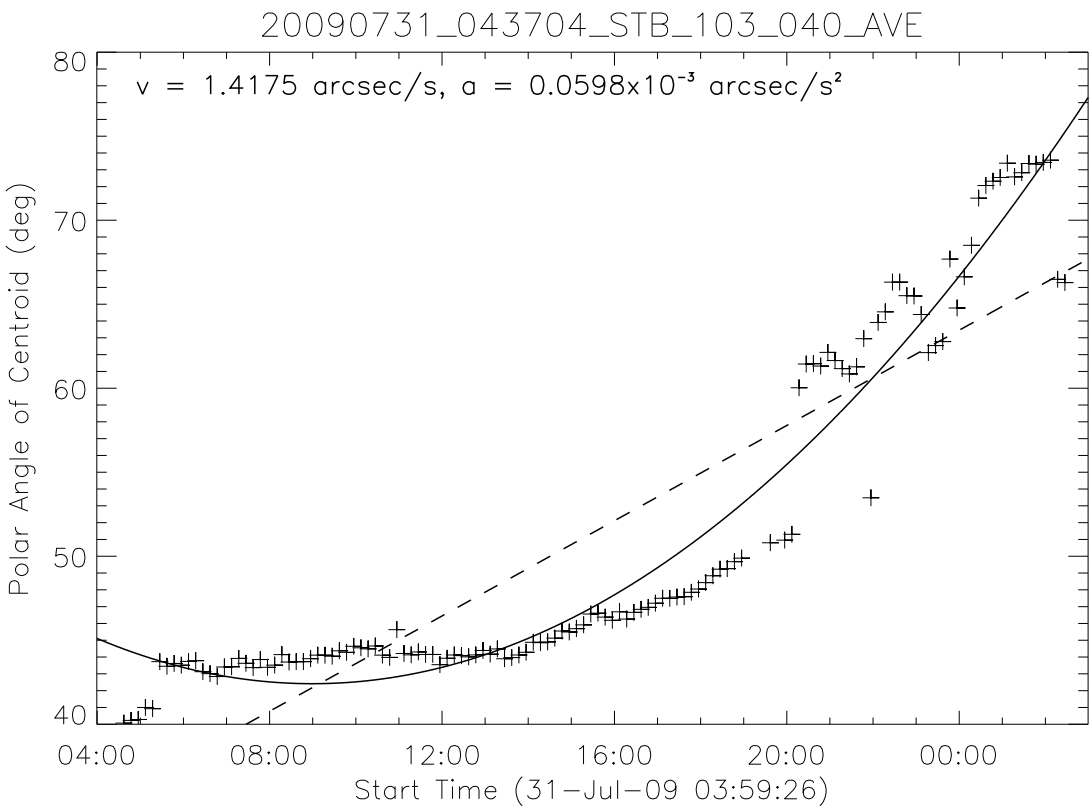
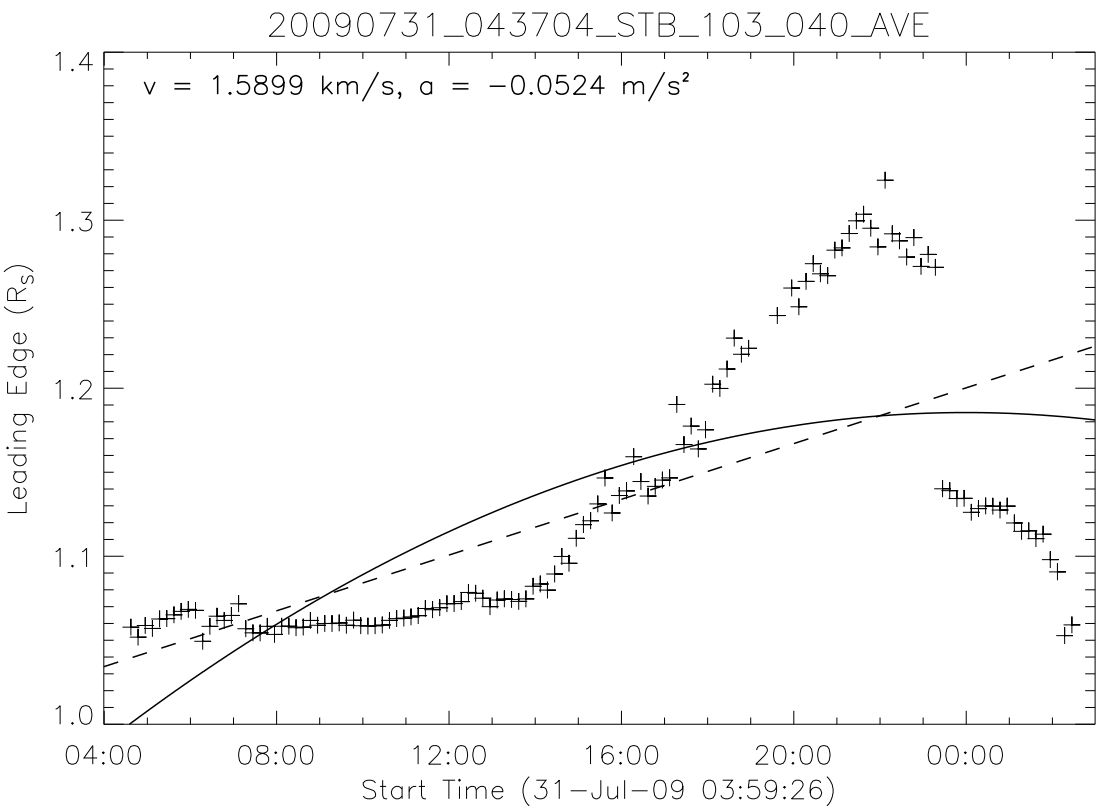
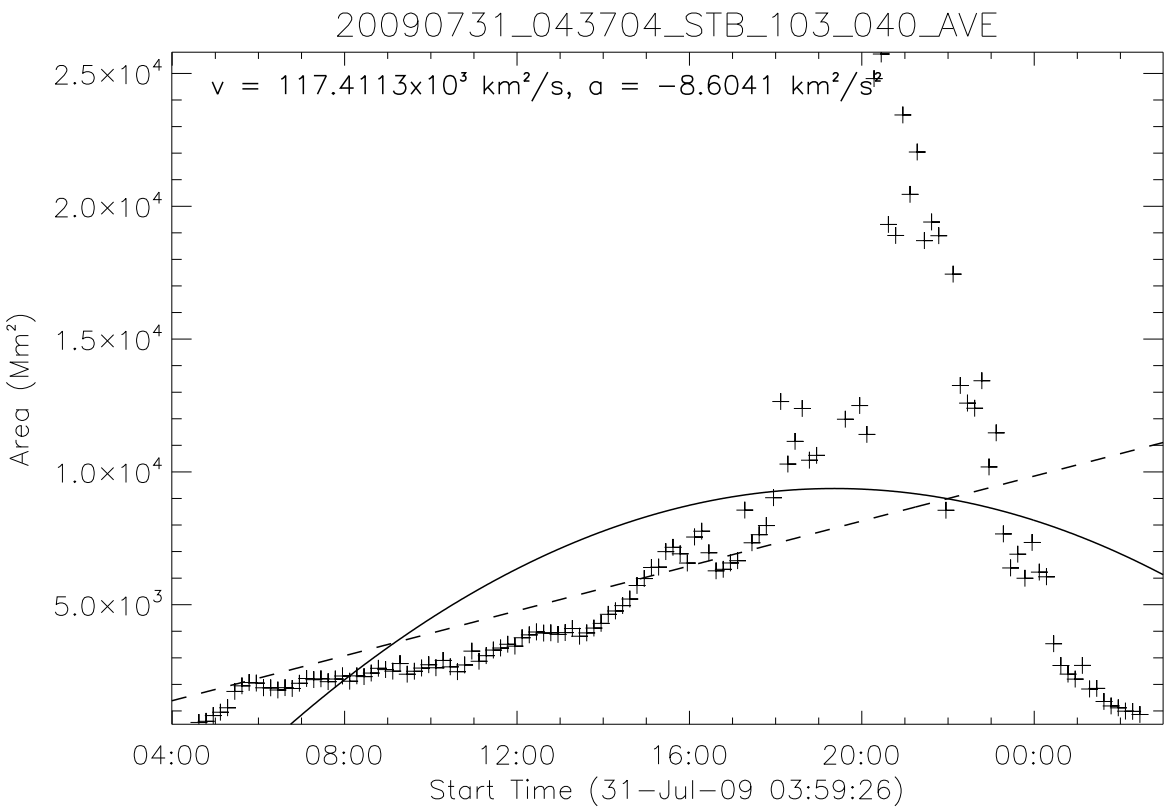
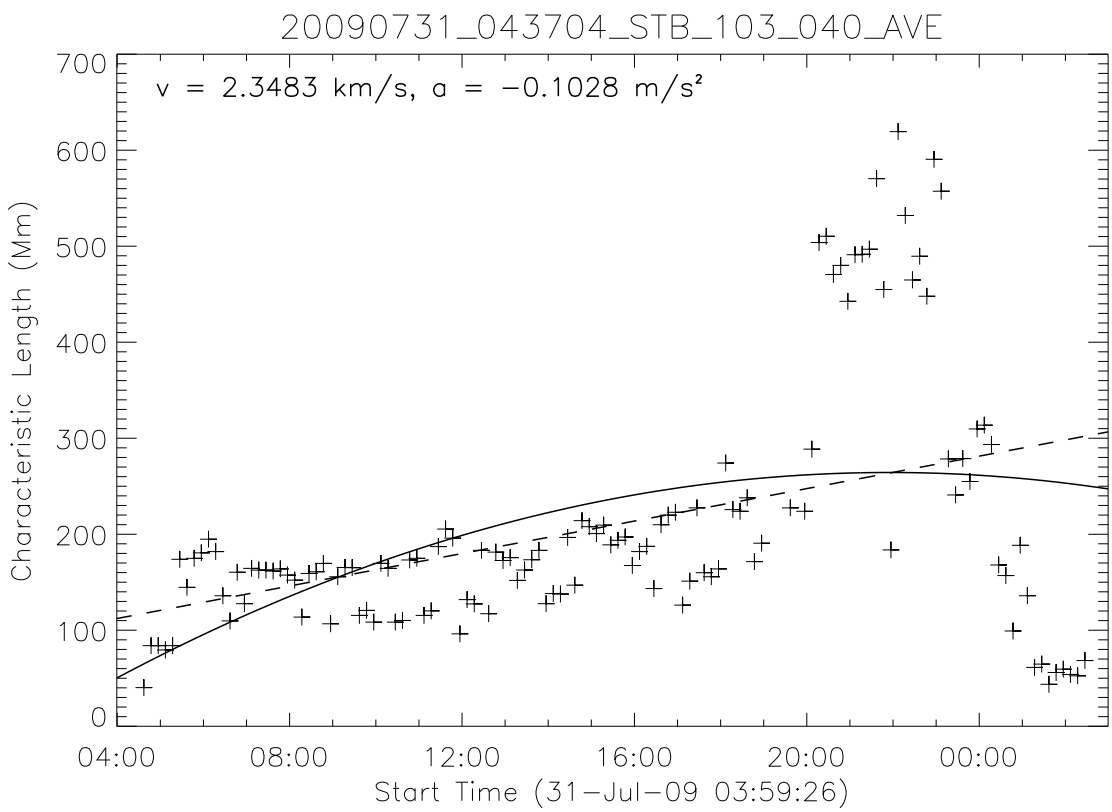
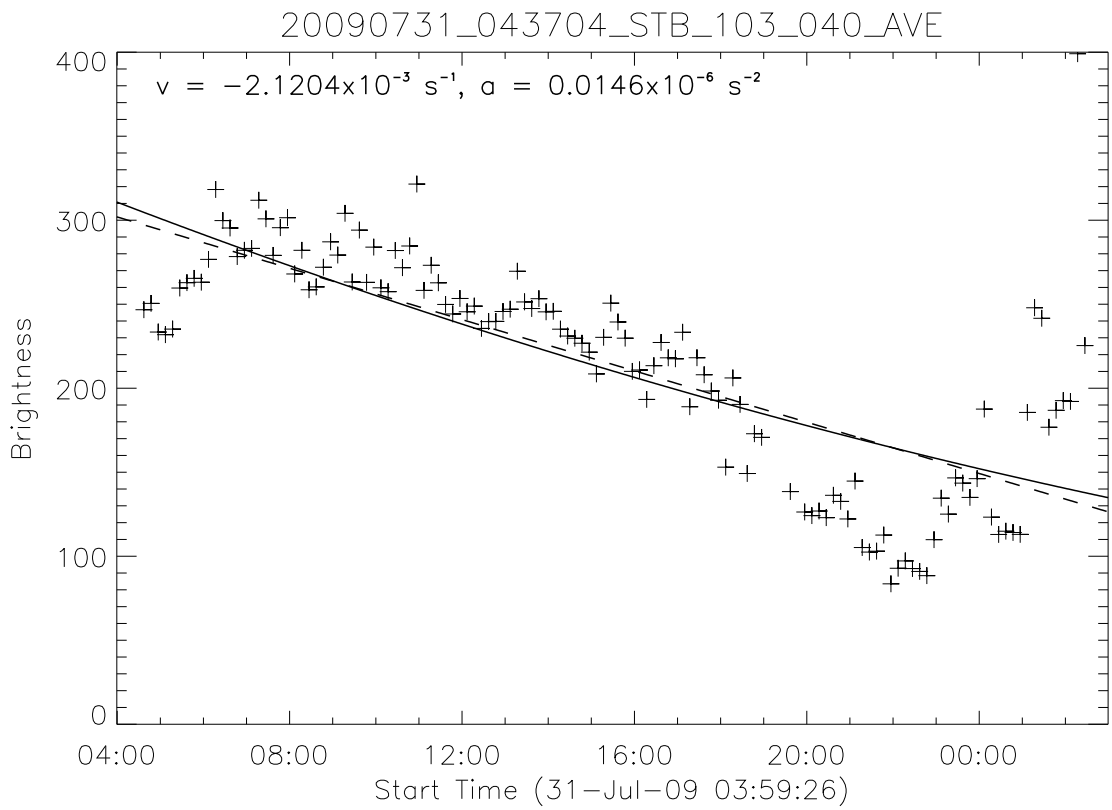

20090731_043704_STB_103_040_AVE
v = 0.3436 km/s, a = −0.0083 m/s²
Heliocentric Distance of Centroid (Rs)
1.10
1.08
1.06
1.04
1.02
1.00
04:00
08:00
12:00
16:00
20:00
00:00
Start Time (31−Jul−09 03:59:26)


20090731_043704_STB_103_040_AVE
v = 1.4175 arcsec/s, a = 0.0598x10⁻³ 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_AVE
v = 1.5899 km/s, a = −0.0524 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_AVE
v = 117.4113x10³ km²/s, a = −8.6041 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_AVE
v = 2.3483 km/s, a = −0.1028 m/s²
Characteristic Length (Mm)
700
600
500
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)


20090731_043704_STB_103_040_AVE
v = −2.1204x10⁻³ s⁻¹, a = 0.0146x10⁻⁶ 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)