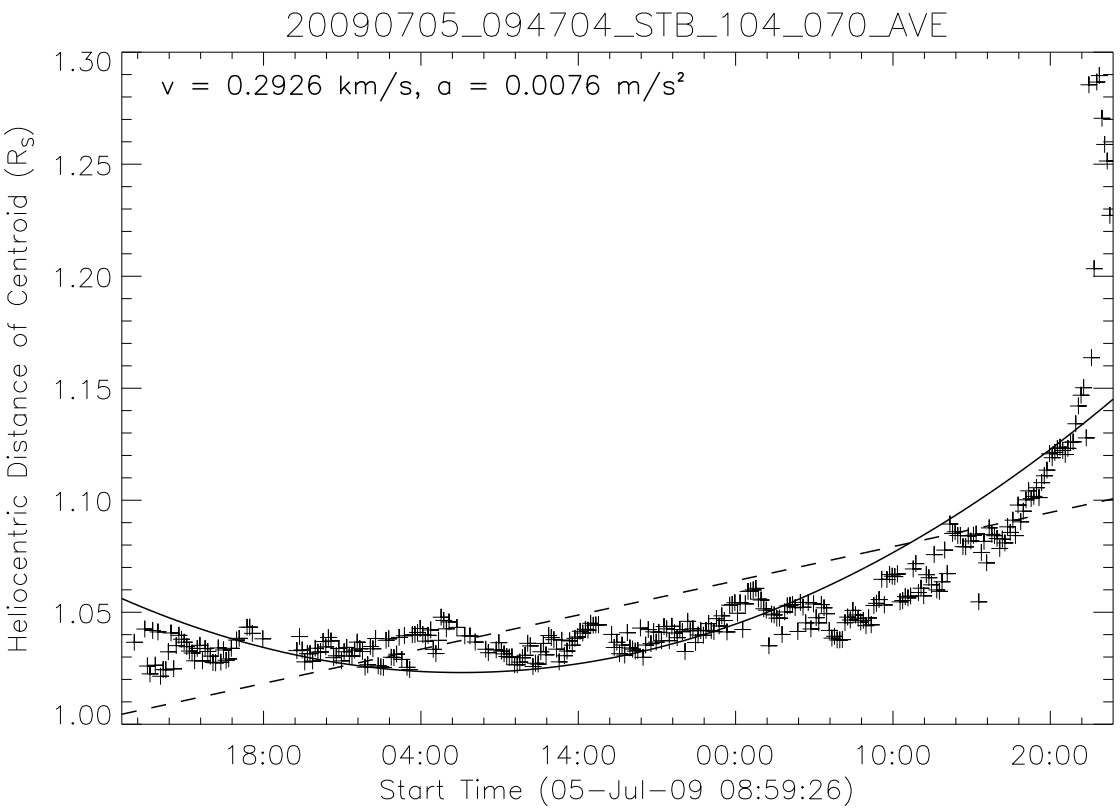
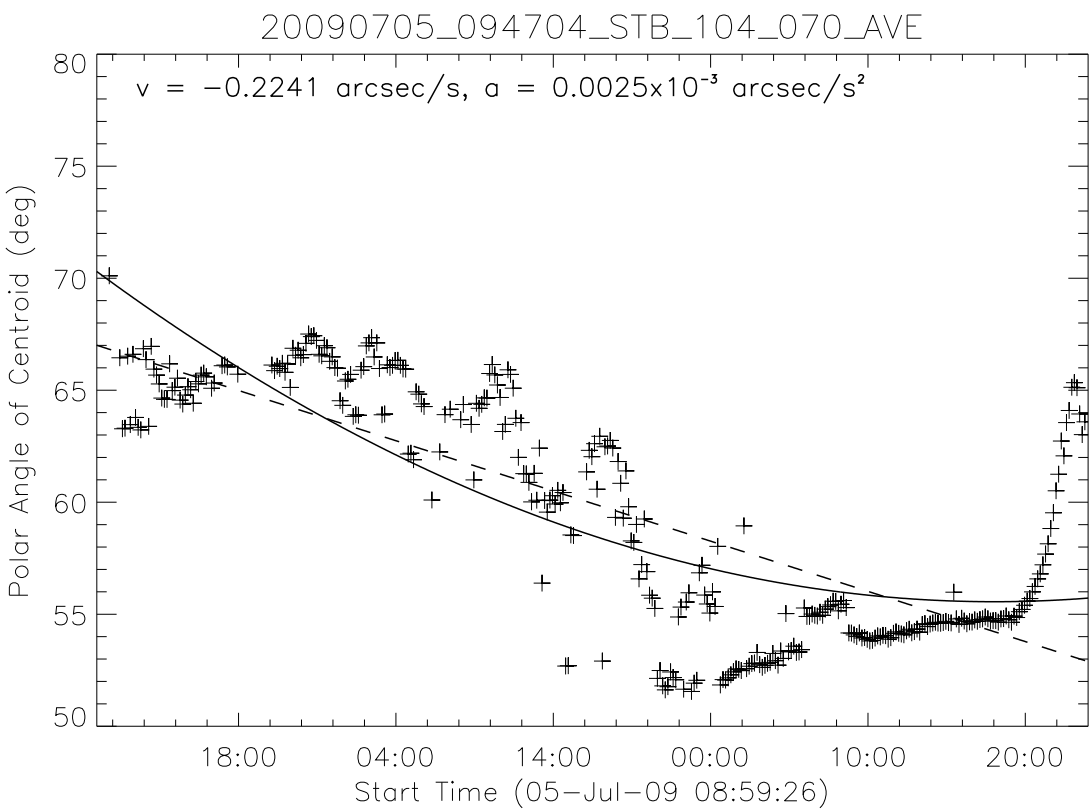
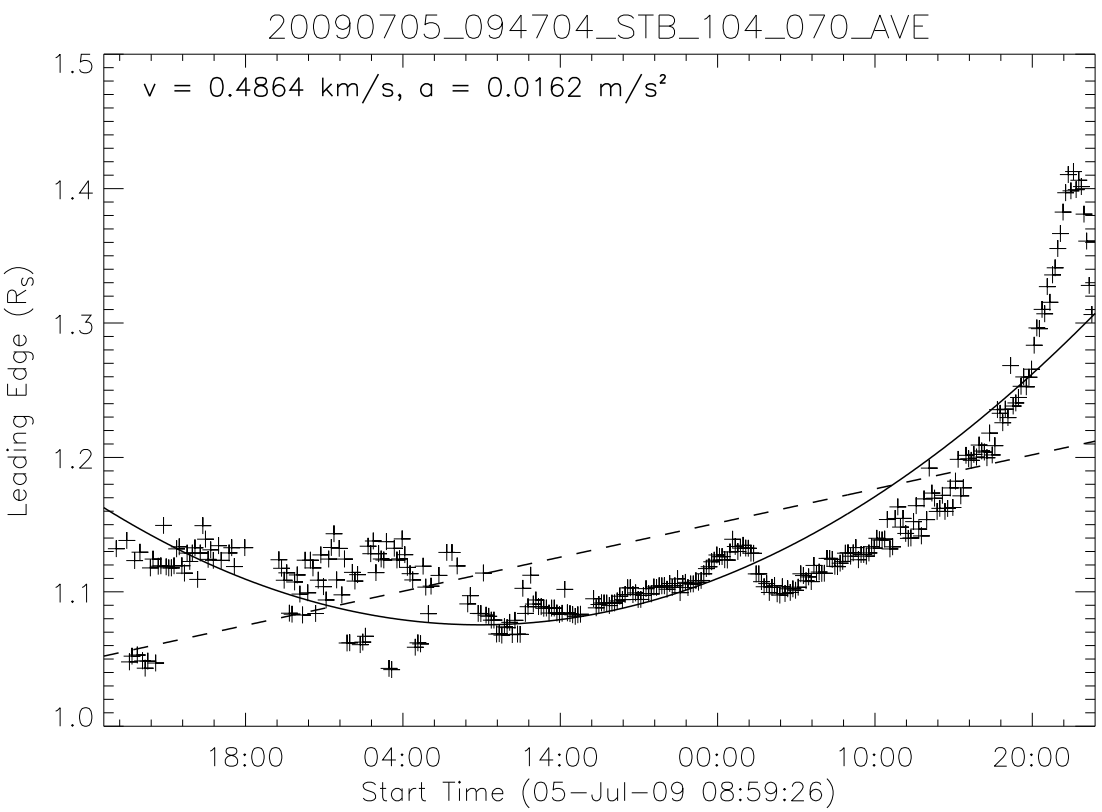
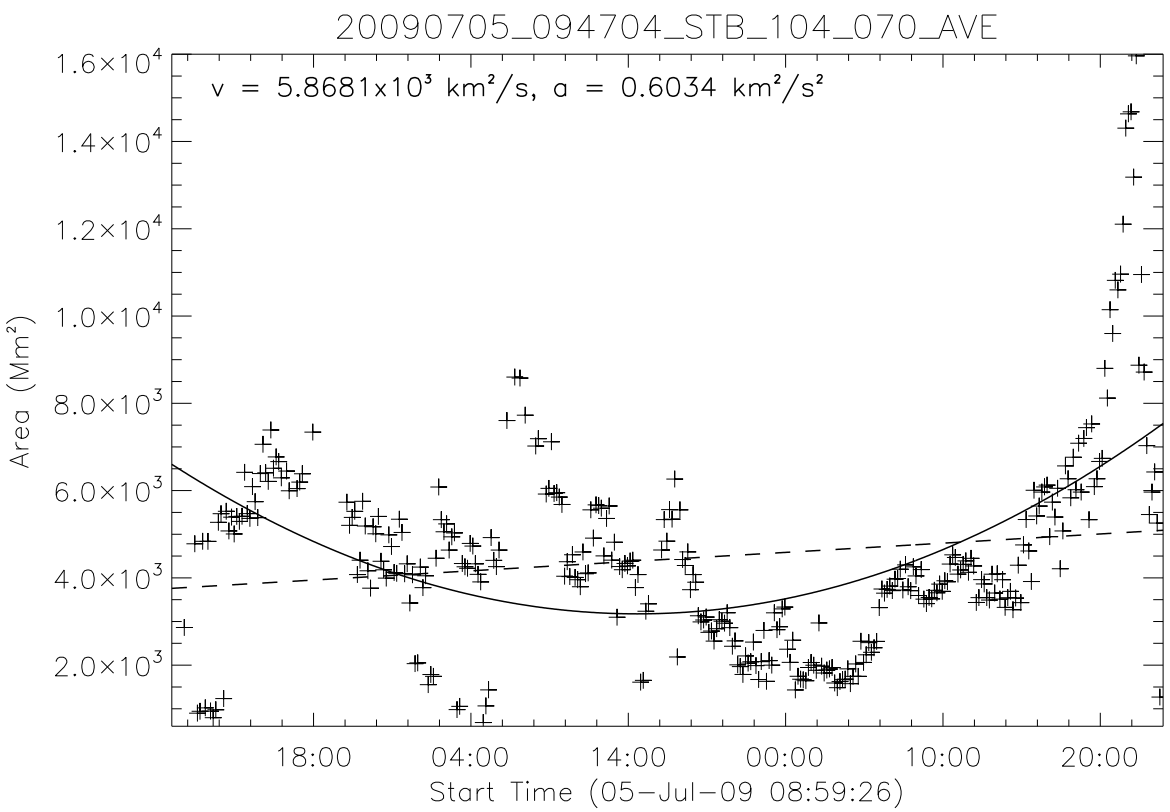
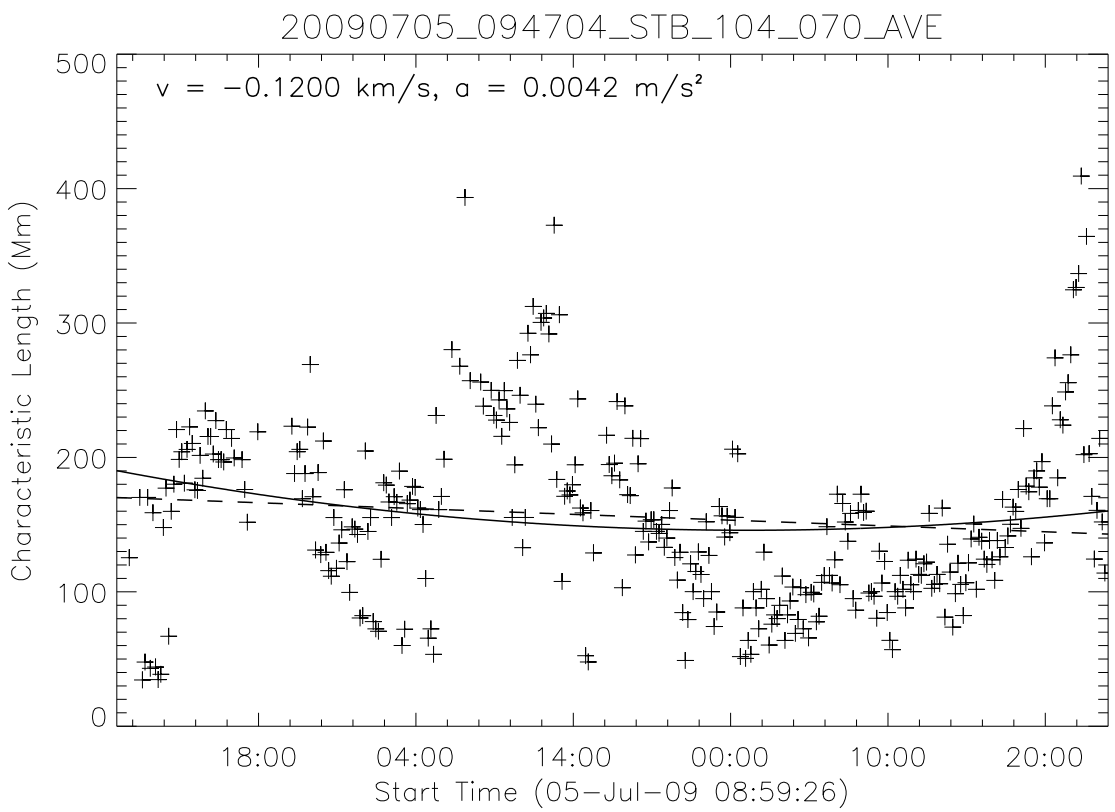
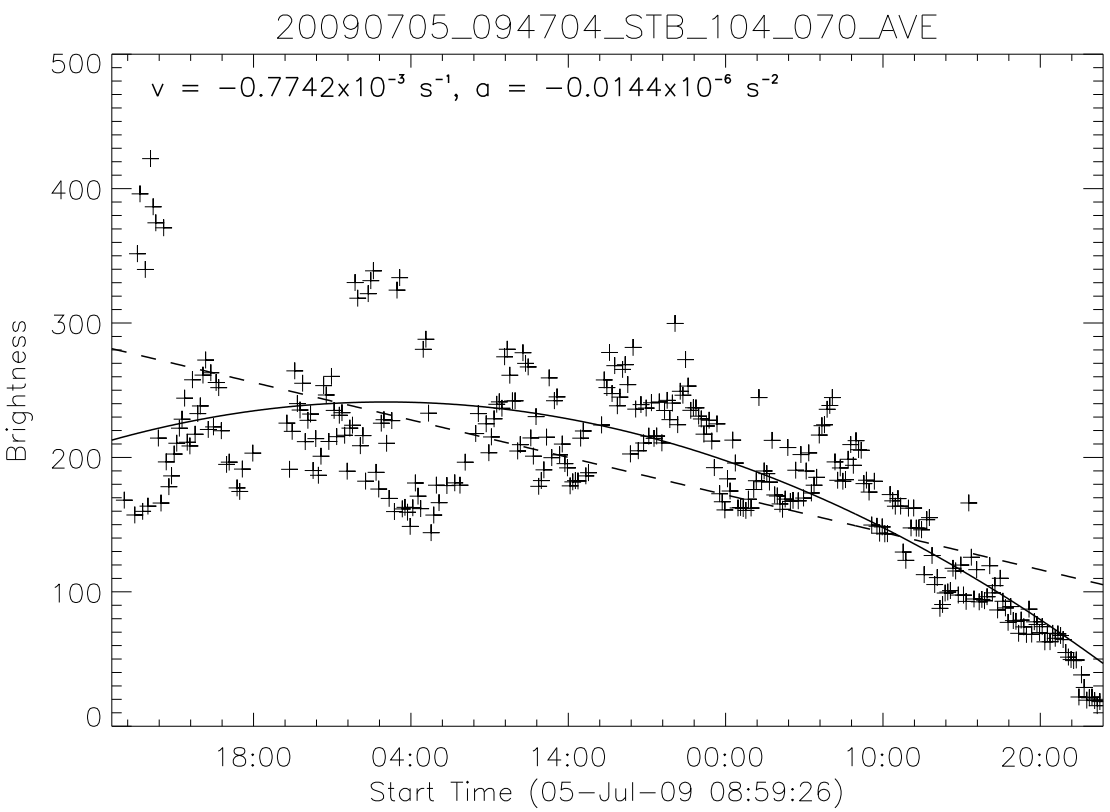

20090705_094704_STB_104_070_AVE
v = 0.2926 km/s, a = 0.0076 m/s²
Heliocentric Distance of Centroid (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
18:00
04:00
14:00
00:00
10:00
20:00
Start Time (05−Jul−09 08:59:26)


20090705_094704_STB_104_070_AVE
v = −0.2241 arcsec/s, a = 0.0025x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
80
75
70
65
60
55
50
18:00
04:00
14:00
00:00
10:00
20:00
Start Time (05−Jul−09 08:59:26)


20090705_094704_STB_104_070_AVE
v = 0.4864 km/s, a = 0.0162 m/s²
Leading Edge (Rs)
1.5
1.4
1.3
1.2
1.1
1.0
18:00
04:00
14:00
00:00
10:00
20:00
Start Time (05-Jul-09 08:59:26)


20090705_094704_STB_104_070_AVE
v = 5.8681x10³ km²/s, a = 0.6034 km²/s²
Area (Mm²)
1.6×10⁴
1.4×10⁴
1.2×10⁴
1.0×10⁴
8.0×10³
6.0×10³
4.0×10³
2.0×10³
18:00
04:00
14:00
00:00
10:00
20:00
Start Time (05-Jul-09 08:59:26)


20090705_094704_STB_104_070_AVE
v = −0.1200 km/s, a = 0.0042 m/s²
Characteristic Length (Mm)
500
400
300
200
100
0
18:00
04:00
14:00
00:00
10:00
20:00
Start Time (05−Jul−09 08:59:26)


20090705_094704_STB_104_070_AVE
v = −0.7742x10⁻³ s⁻¹, a = −0.0144x10⁻⁶ s⁻²
Brightness
500
400
300
200
100
0
18:00
04:00
14:00
00:00
10:00
20:00
Start Time (05−Jul−09 08:59:26)