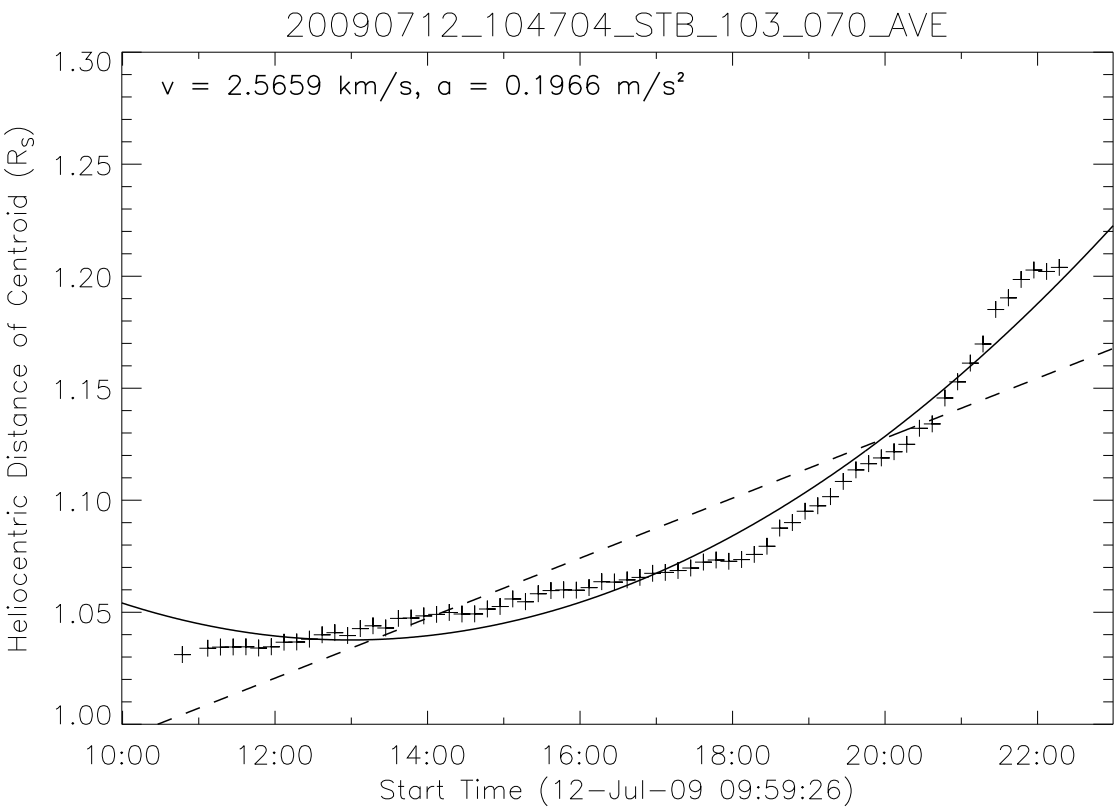
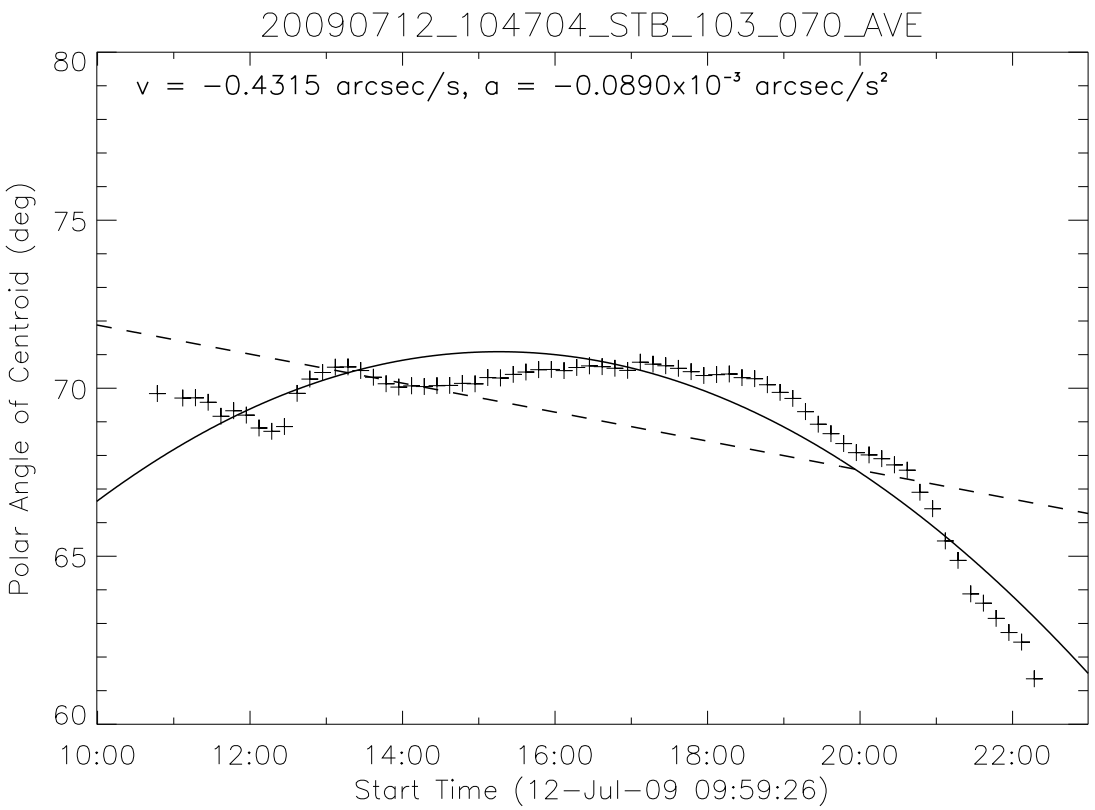
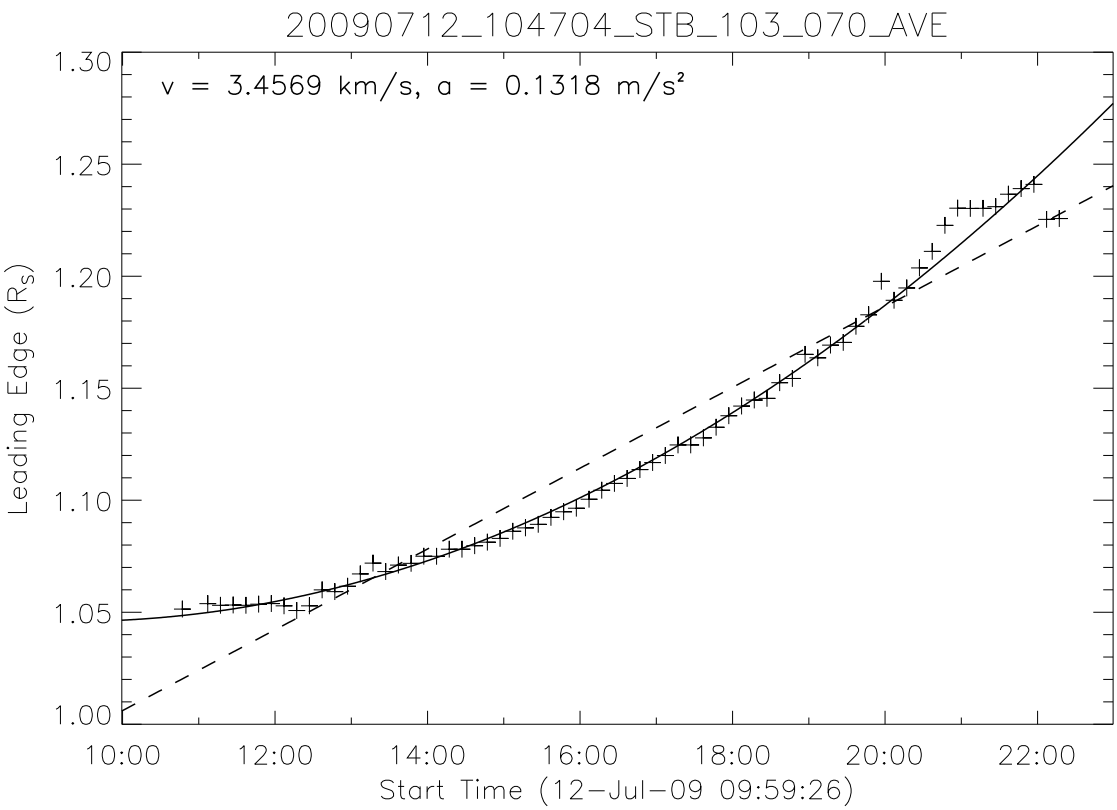
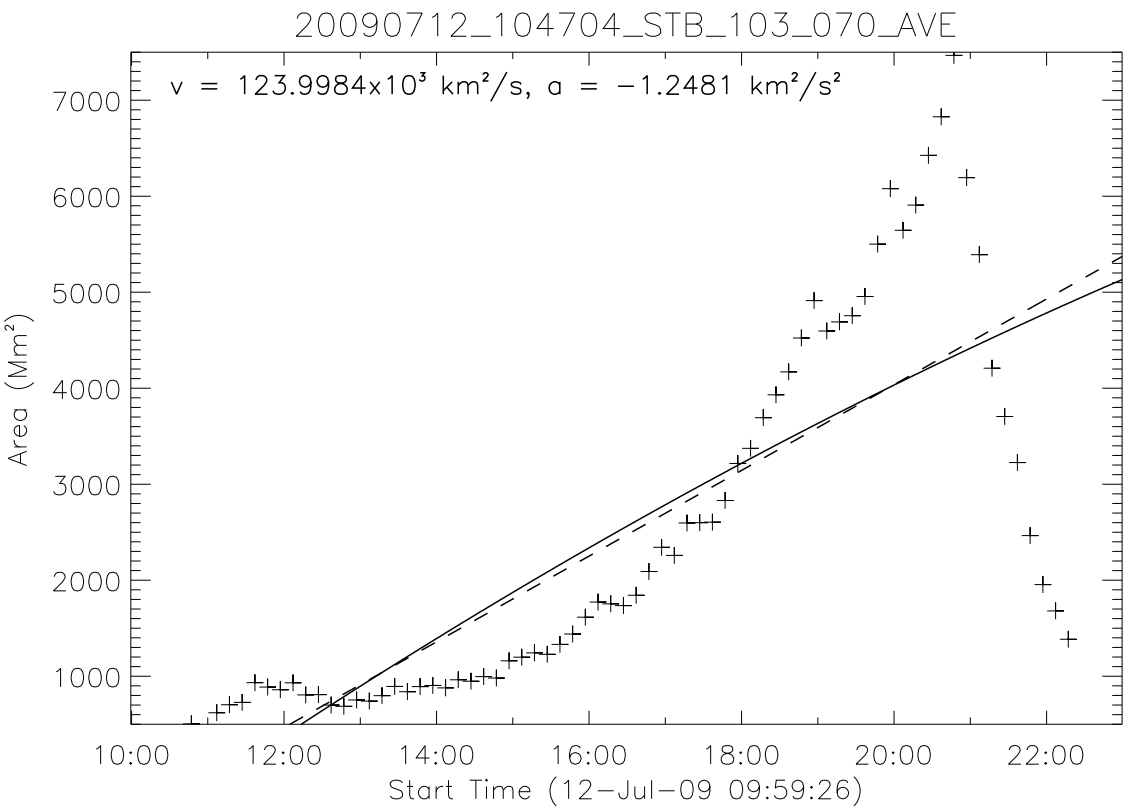
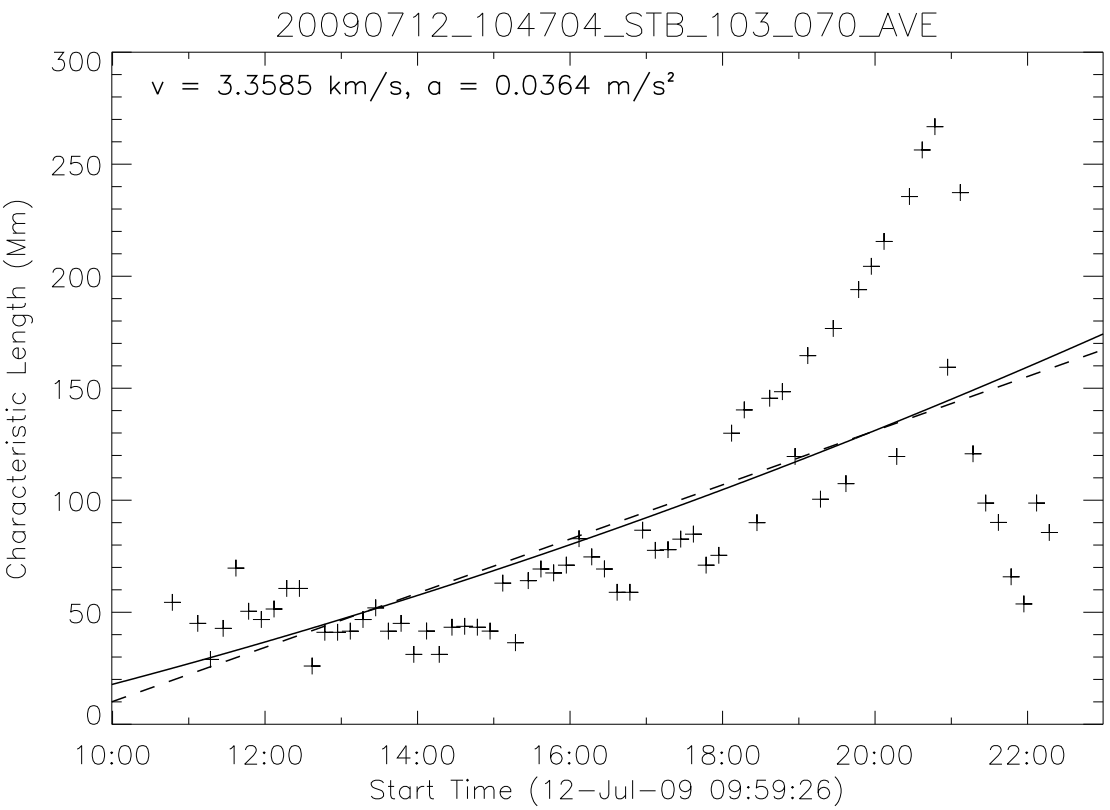
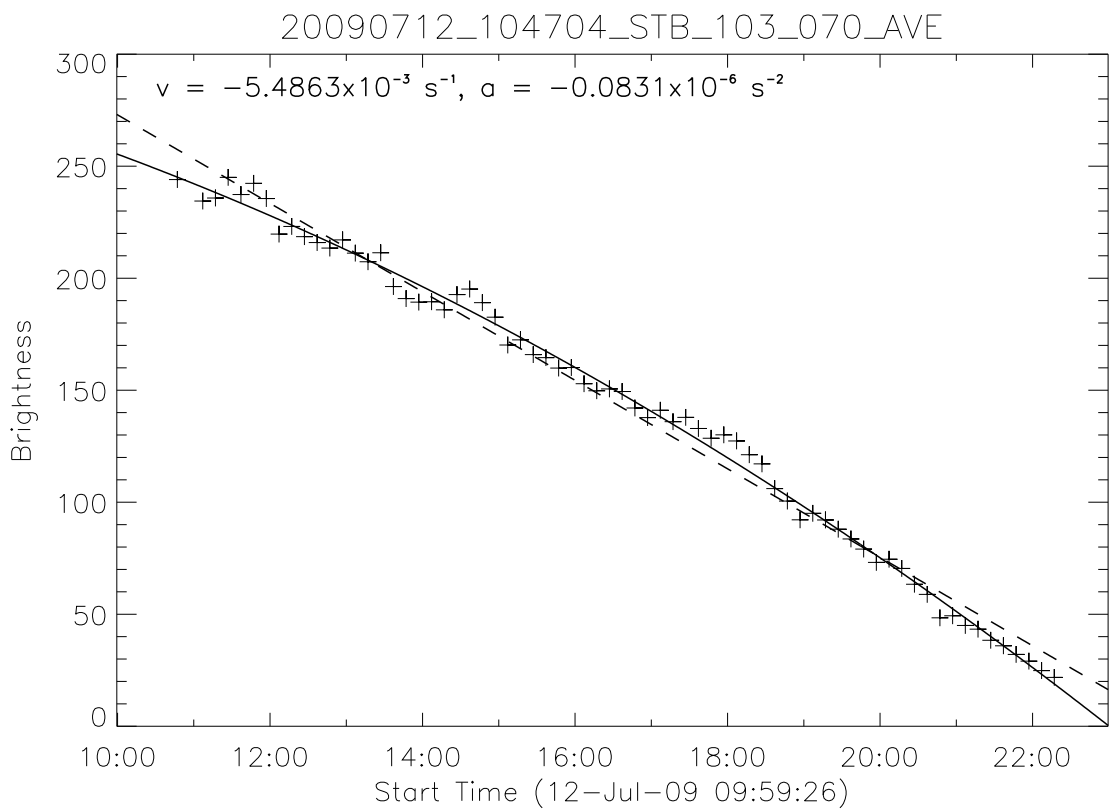

20090712_104704_STB_103_070_AVE
v = 2.5659 km/s, a = 0.1966 m/s²
Heliocentric Distance of Centroid (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
10:00
12:00
14:00
16:00
18:00
20:00
22:00
Start Time (12-Jul-09 09:59:26)


20090712_104704_STB_103_070_AVE
v = −0.4315 arcsec/s, a = −0.0890x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
80
75
70
65
60
10:00
12:00
14:00
16:00
18:00
20:00
22:00
Start Time (12−Jul−09 09:59:26)


20090712_104704_STB_103_070_AVE
v = 3.4569 km/s, a = 0.1318 m/s²
Leading Edge (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
10:00
12:00
14:00
16:00
18:00
20:00
22:00
Start Time (12-Jul-09 09:59:26)


20090712_104704_STB_103_070_AVE
v = 123.9984x10³ km²/s, a = −1.2481 km²/s²
Area (Mm²)
7000
6000
5000
4000
3000
2000
1000
10:00
12:00
14:00
16:00
18:00
20:00
22:00
Start Time (12−Jul−09 09:59:26)


20090712_104704_STB_103_070_AVE
v = 3.3585 km/s, a = 0.0364 m/s²
Characteristic Length (Mm)
300
250
200
150
100
50
0
10:00
12:00
14:00
16:00
18:00
20:00
22:00
Start Time (12-Jul-09 09:59:26)


20090712_104704_STB_103_070_AVE
v = −5.4863x10⁻³ s⁻¹, a = −0.0831x10⁻⁶ s⁻²
Brightness
300
250
200
150
100
50
0
10:00
12:00
14:00
16:00
18:00
20:00
22:00
Start Time (12−Jul−09 09:59:26)