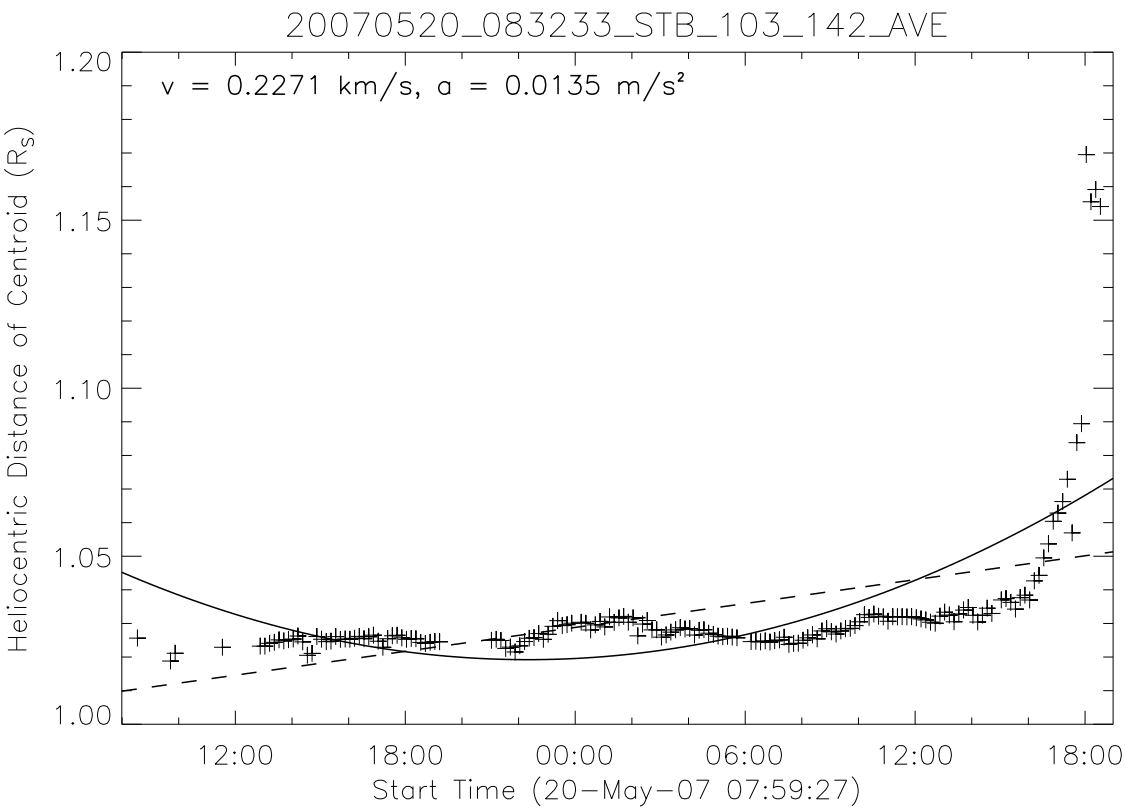
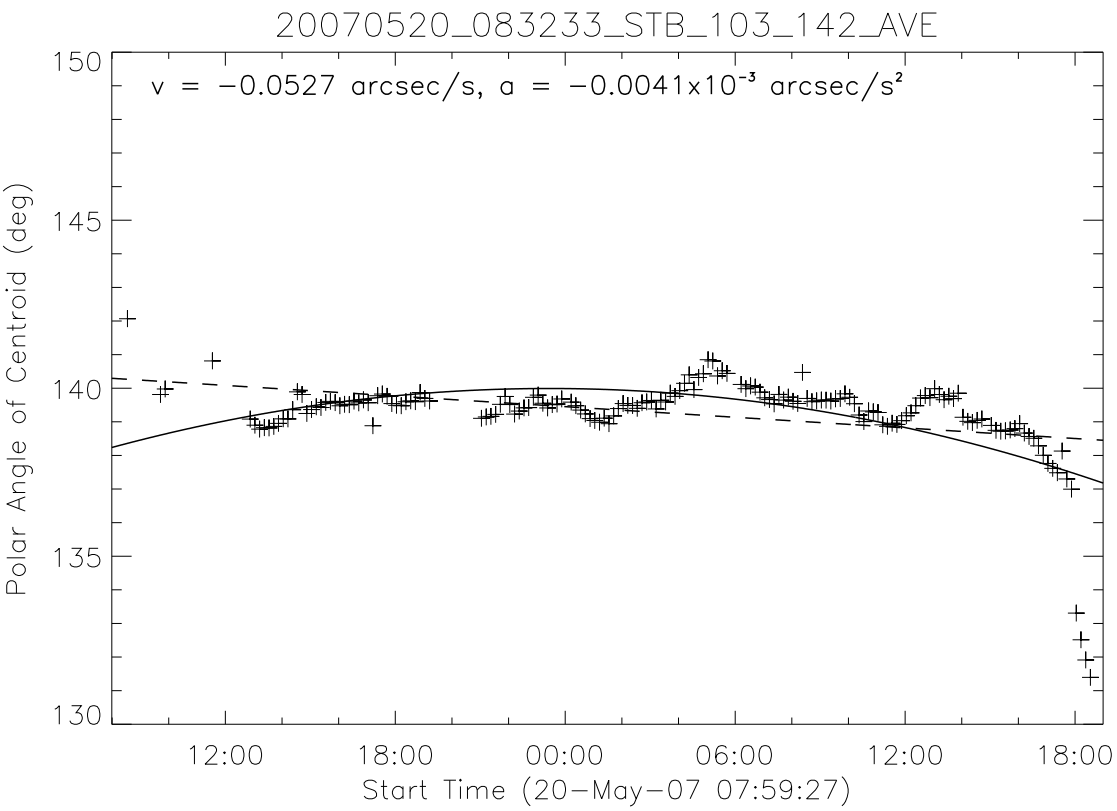
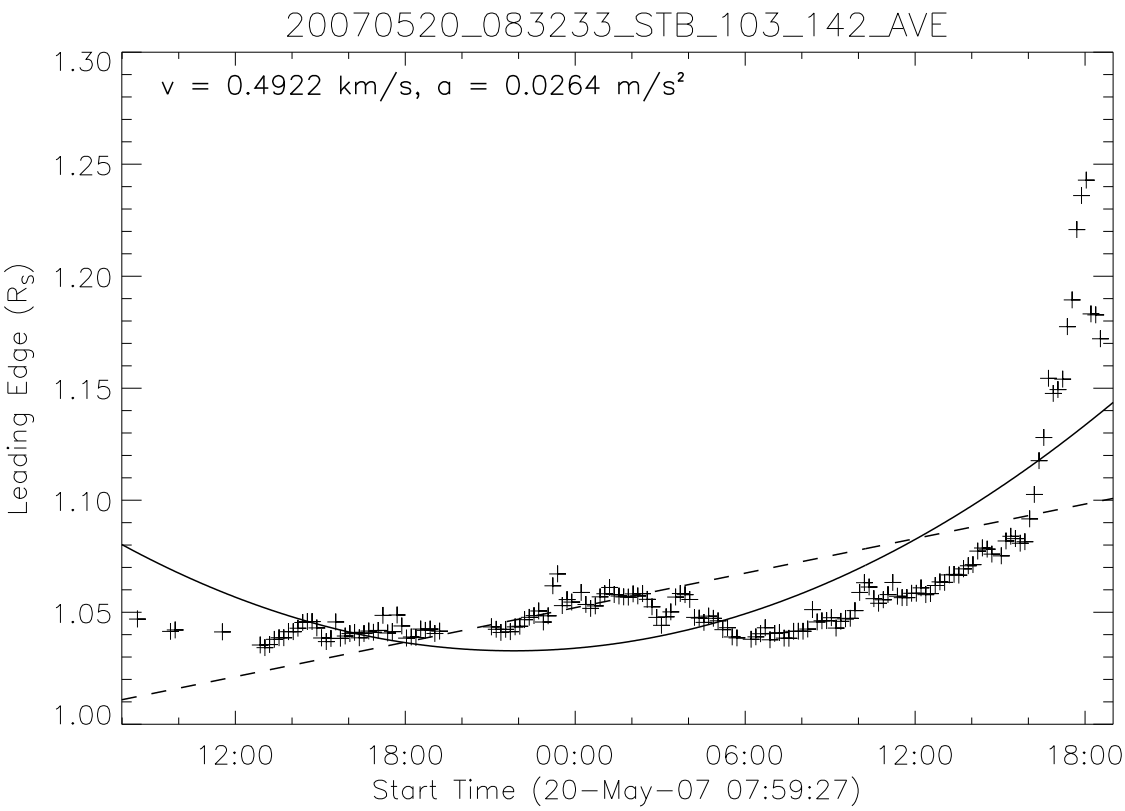
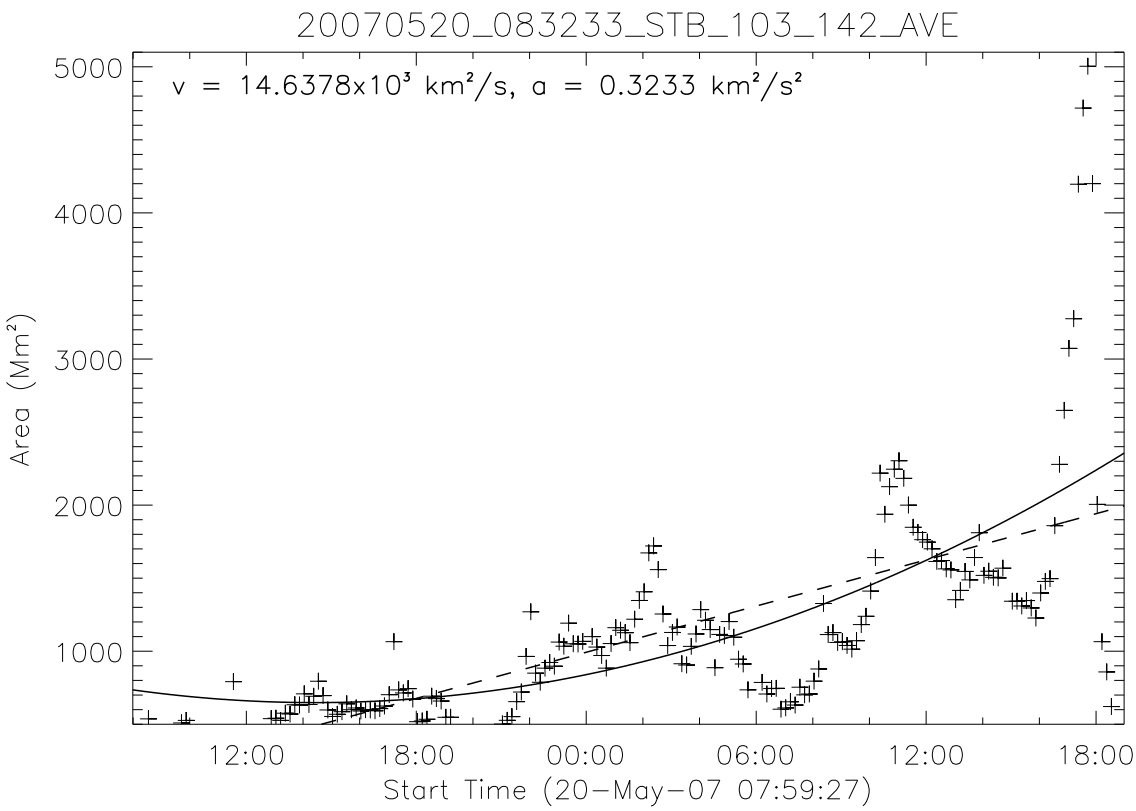
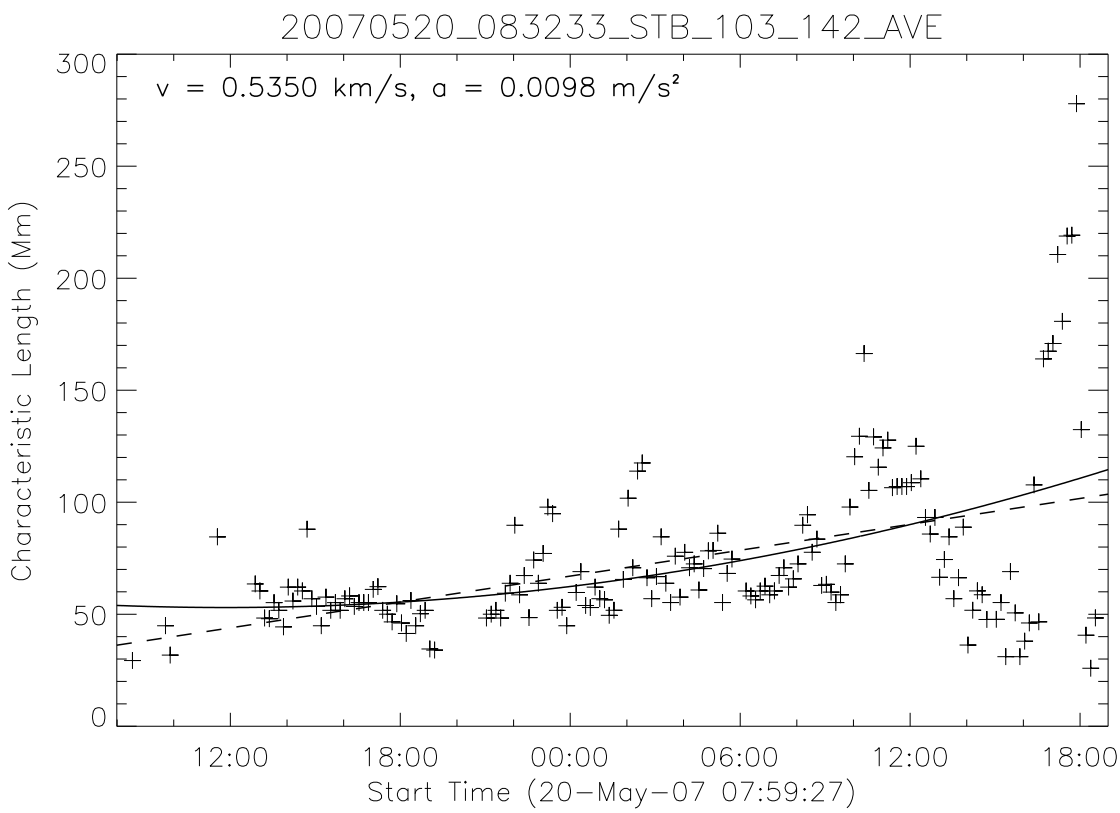
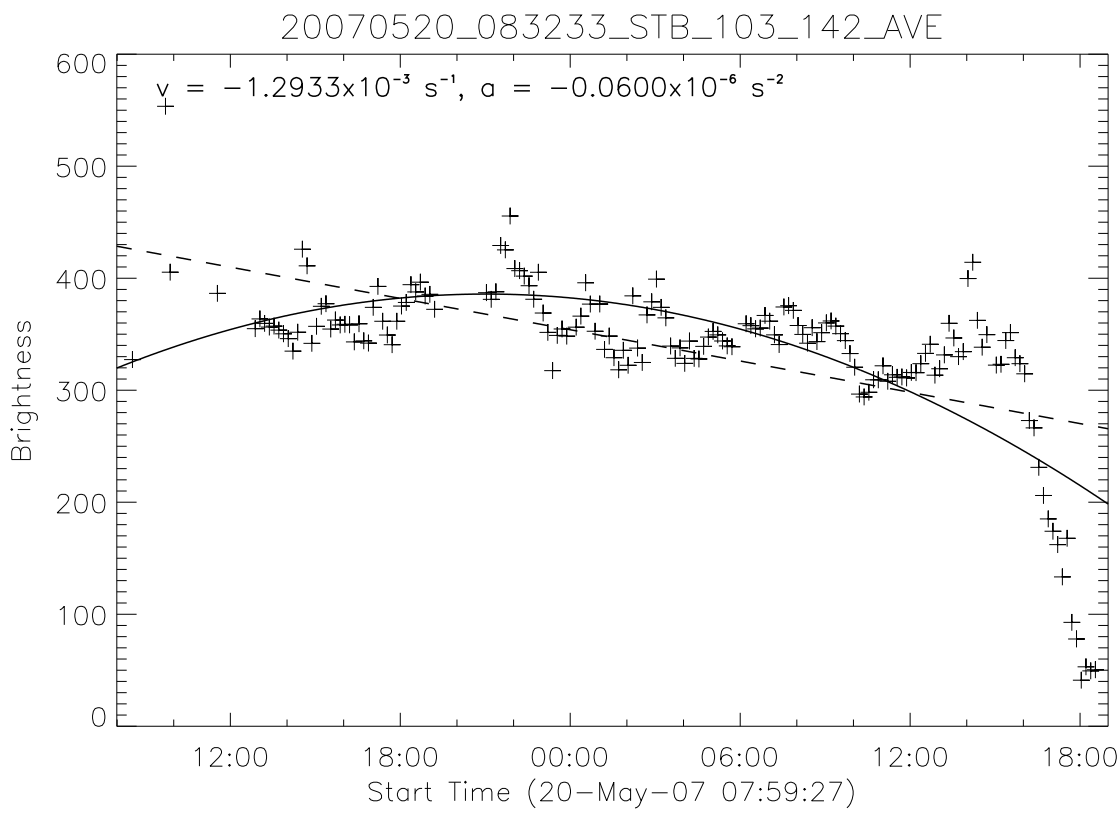

20070520_083233_STB_103_142_AVE
v = 0.2271 km/s, a = 0.0135 m/s²
Heliocentric Distance of Centroid (Rs)
1.20
1.15
1.10
1.05
1.00
12:00
18:00
00:00
06:00
12:00
18:00
Start Time (20−May−07 07:59:27)


20070520_083233_STB_103_142_AVE
v = −0.0527 arcsec/s, a = −0.0041x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
150
145
140
135
130
12:00
18:00
00:00
06:00
12:00
18:00
Start Time (20−May−07 07:59:27)


20070520_083233_STB_103_142_AVE
v = 0.4922 km/s, a = 0.0264 m/s²
Leading Edge (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
12:00
18:00
00:00
06:00
12:00
18:00
Start Time (20−May−07 07:59:27)


20070520_083233_STB_103_142_AVE
v = 14.6378x10³ km²/s, a = 0.3233 km²/s²
Area (Mm²)
5000
4000
3000
2000
1000
12:00
18:00
00:00
06:00
12:00
18:00
Start Time (20−May−07 07:59:27)


20070520_083233_STB_103_142_AVE
v = 0.5350 km/s, a = 0.0098 m/s²
Characteristic Length (Mm)
300
250
200
150
100
50
0
12:00
18:00
00:00
06:00
12:00
18:00
Start Time (20−May−07 07:59:27)


20070520_083233_STB_103_142_AVE
v = −1.2933x10⁻³ s⁻¹, a = −0.0600x10⁻⁶ s⁻²
Brightness
600
500
400
300
200
100
0
12:00
18:00
00:00
06:00
12:00
18:00
Start Time (20−May−07 07:59:27)