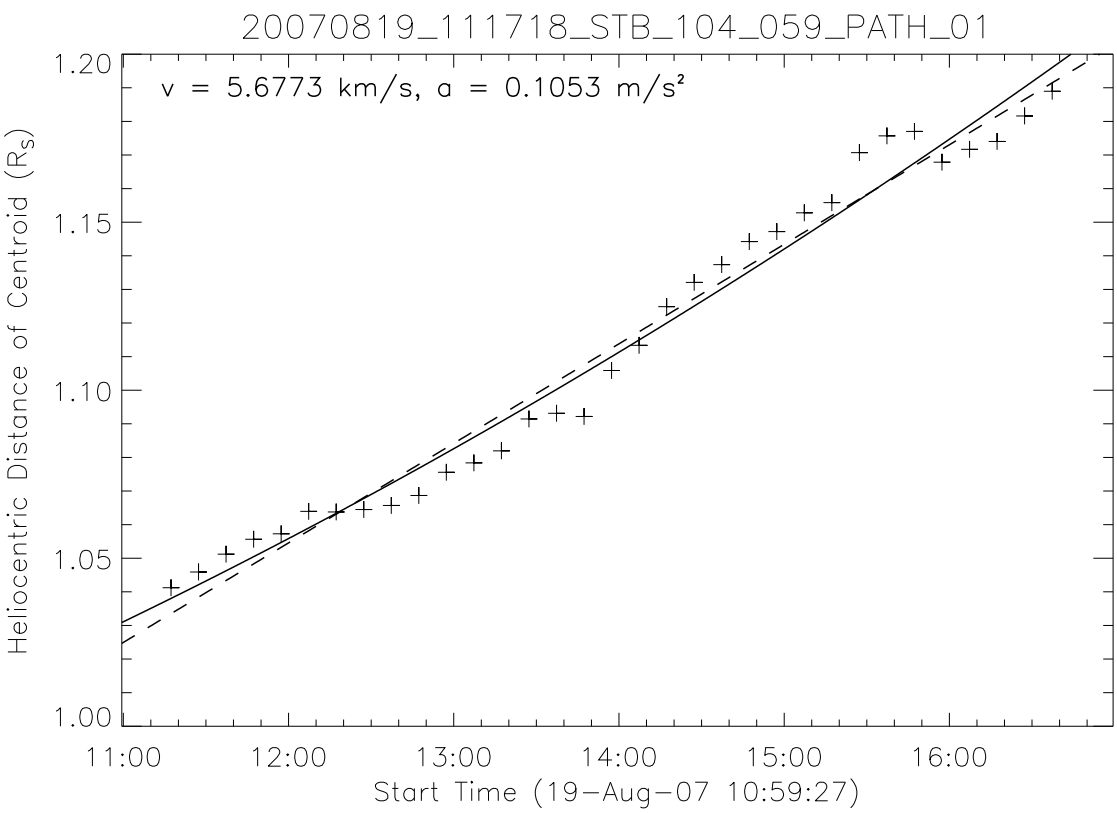
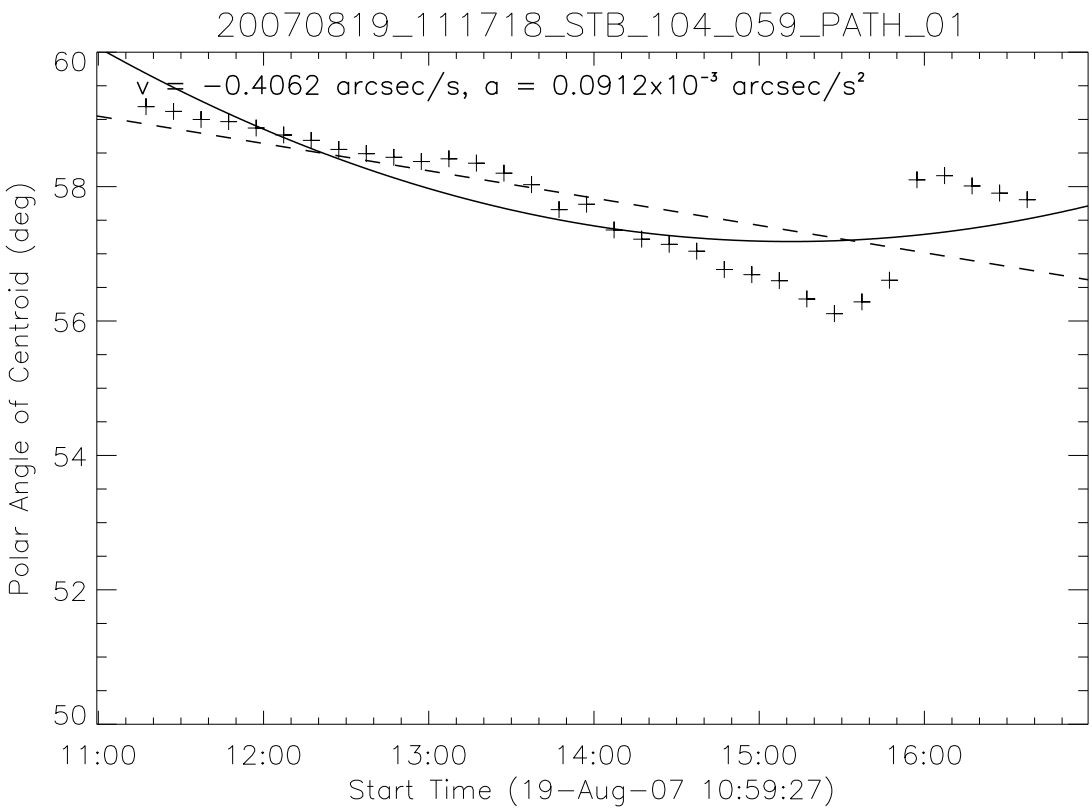
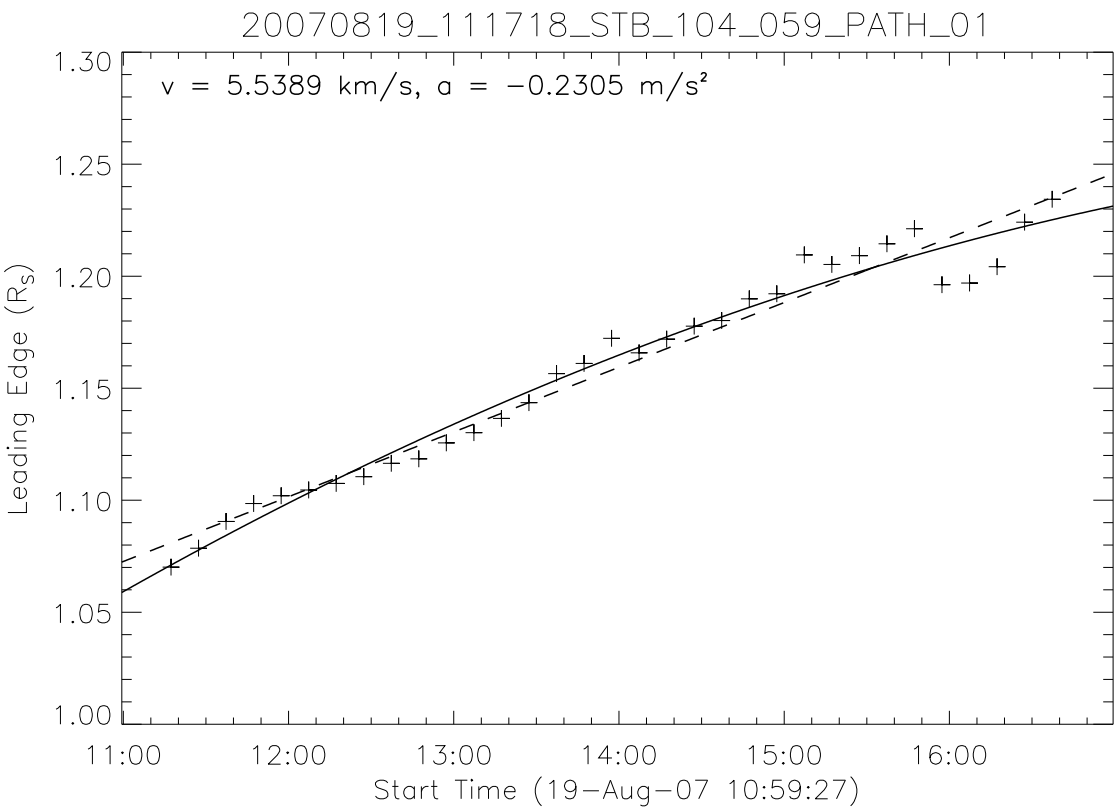
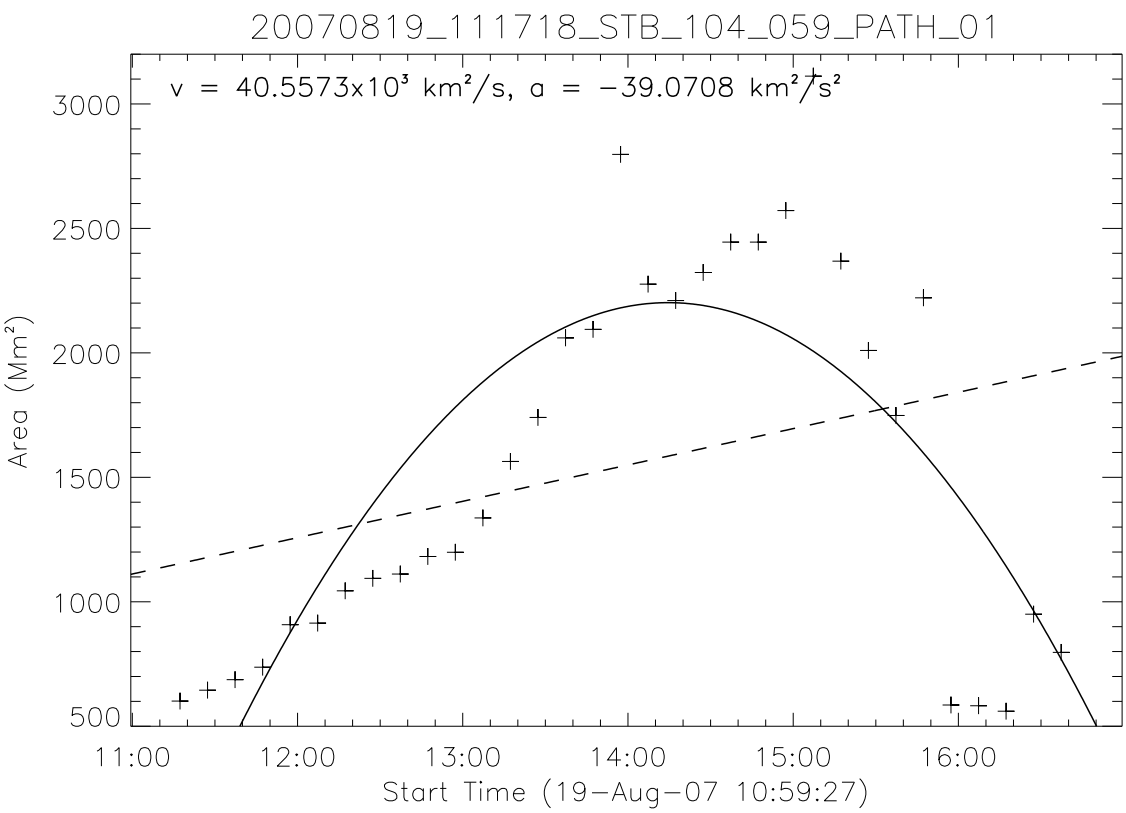
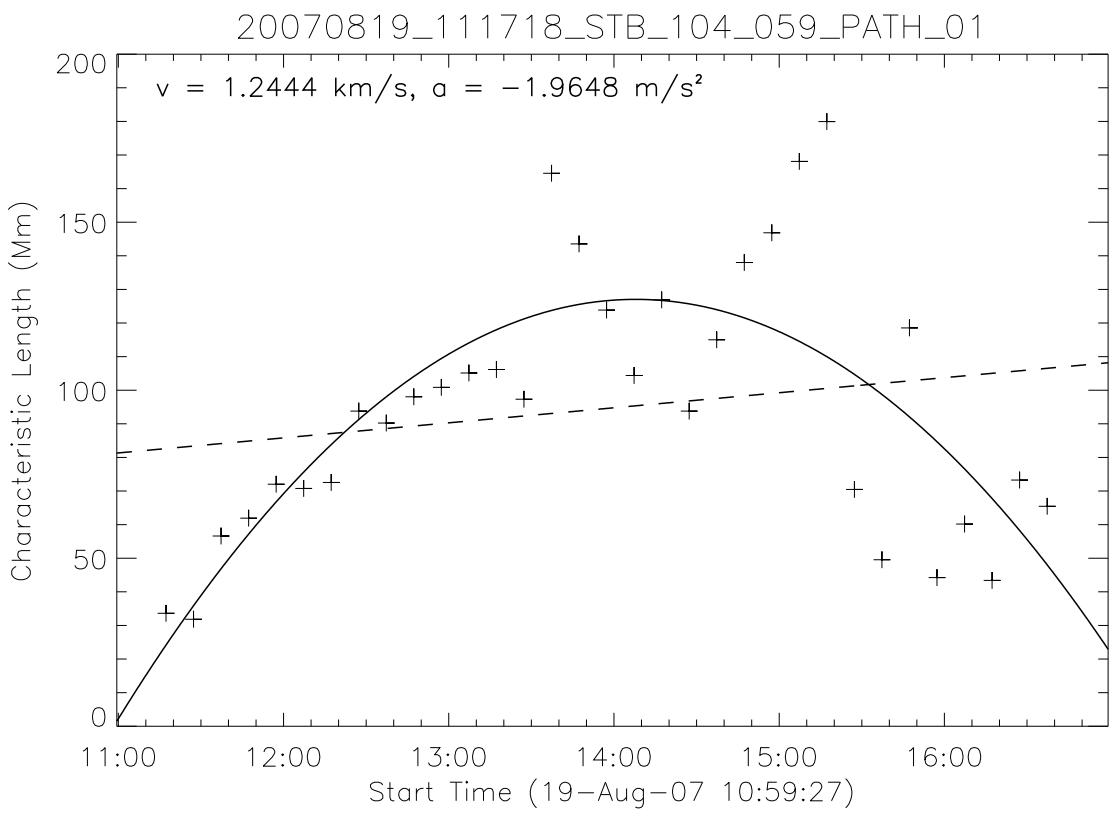
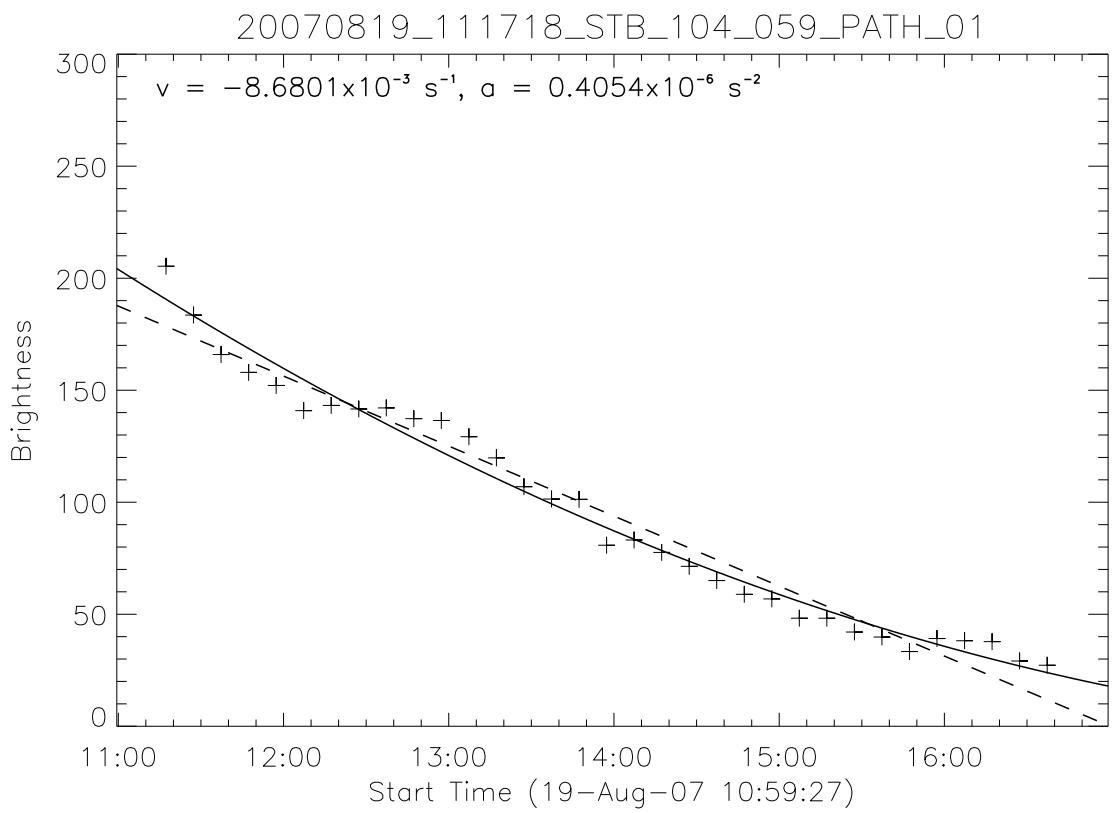

20070819_111718_STB_104_059_PATH_01
v = 5.6773 km/s, a = 0.1053 m/s²
Heliocentric Distance of Centroid (Rs)
1.20
1.15
1.10
1.05
1.00
11:00
12:00
13:00
14:00
15:00
16:00
Start Time (19−Aug−07 10:59:27)


20070819_111718_STB_104_059_PATH_01
v = −0.4062 arcsec/s, a = 0.0912x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
60
58
56
54
52
50
11:00
12:00
13:00
14:00
15:00
16:00
Start Time (19−Aug−07 10:59:27)


20070819_111718_STB_104_059_PATH_01
v = 5.5389 km/s, a = −0.2305 m/s²
Leading Edge (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
11:00
12:00
13:00
14:00
15:00
16:00
Start Time (19−Aug−07 10:59:27)


20070819_111718_STB_104_059_PATH_01
v = 40.5573x10³ km²/s, a = −39.0708 km²/s²
Area (Mm²)
3000
2500
2000
1500
1000
500
11:00
12:00
13:00
14:00
15:00
16:00
Start Time (19−Aug−07 10:59:27)


20070819_111718_STB_104_059_PATH_01
v = 1.2444 km/s, a = −1.9648 m/s²
Characteristic Length (Mm)
200
150
100
50
0
11:00
12:00
13:00
14:00
15:00
16:00
Start Time (19−Aug−07 10:59:27)


20070819_111718_STB_104_059_PATH_01
v = −8.6801x10⁻³ s⁻¹, a = 0.4054x10⁻⁶ s⁻²
Brightness
300
250
200
150
100
50
0
11:00
12:00
13:00
14:00
15:00
16:00
Start Time (19−Aug−07 10:59:27)