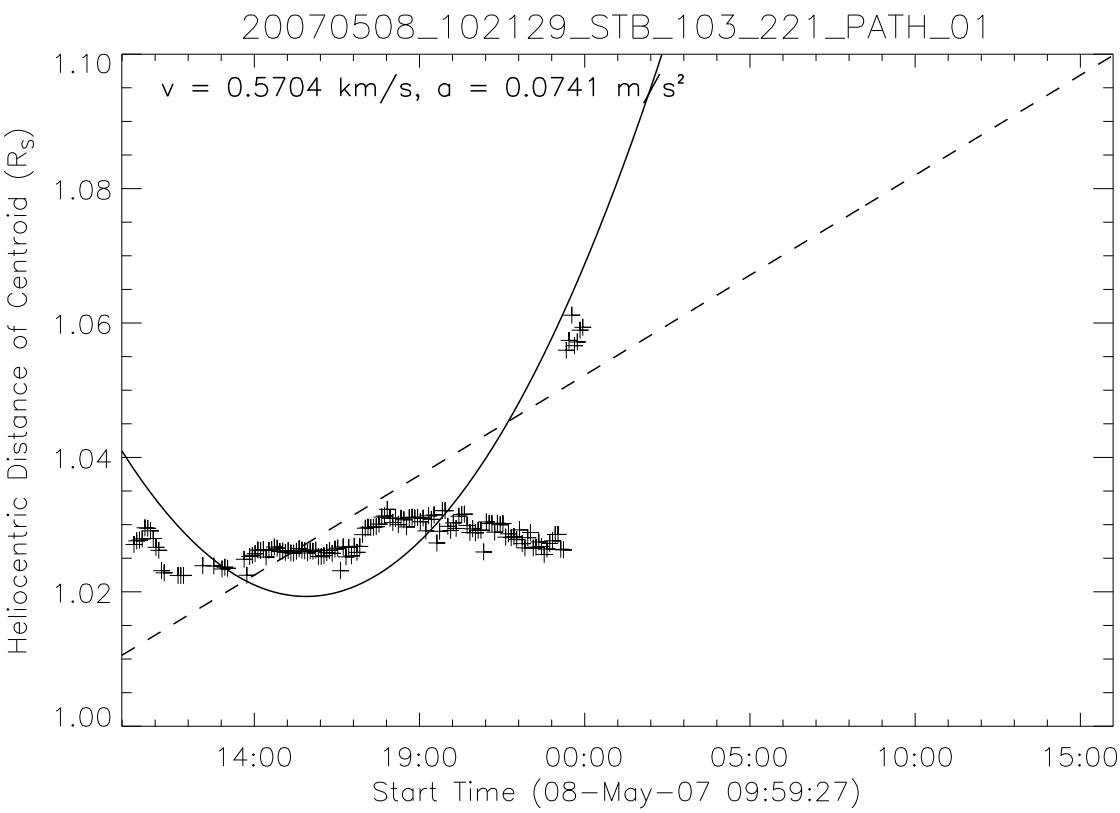
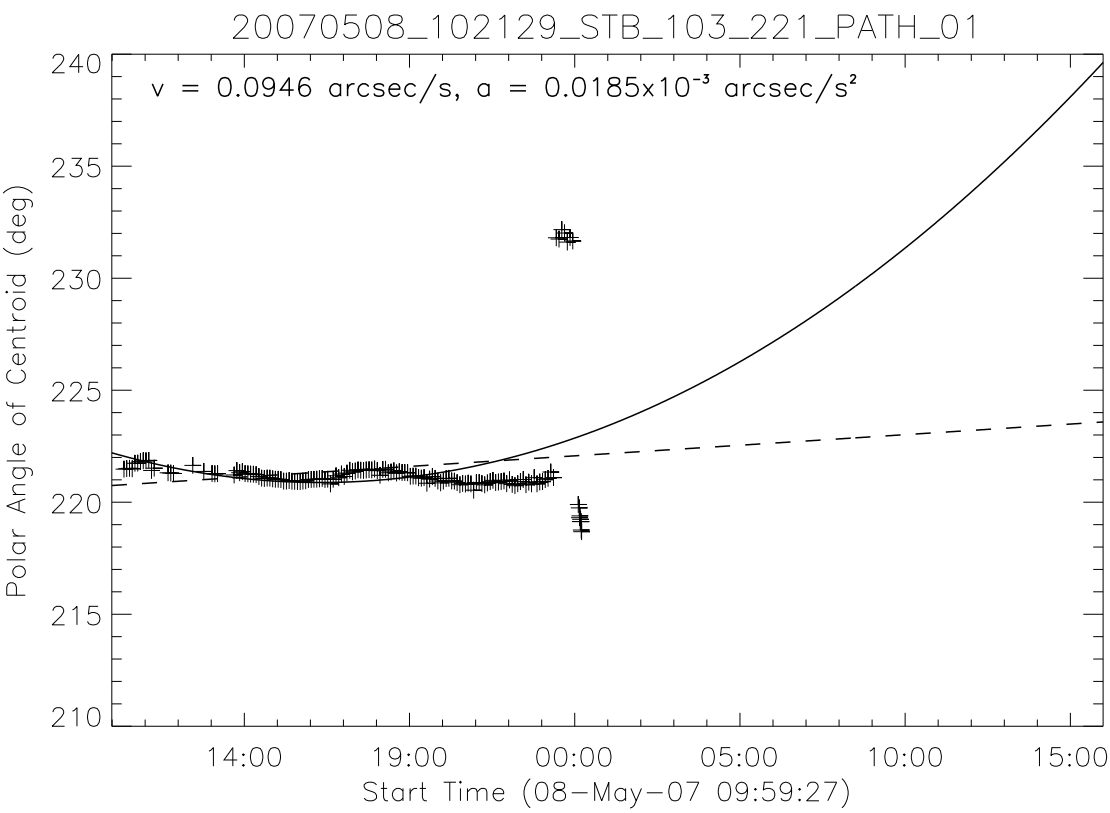
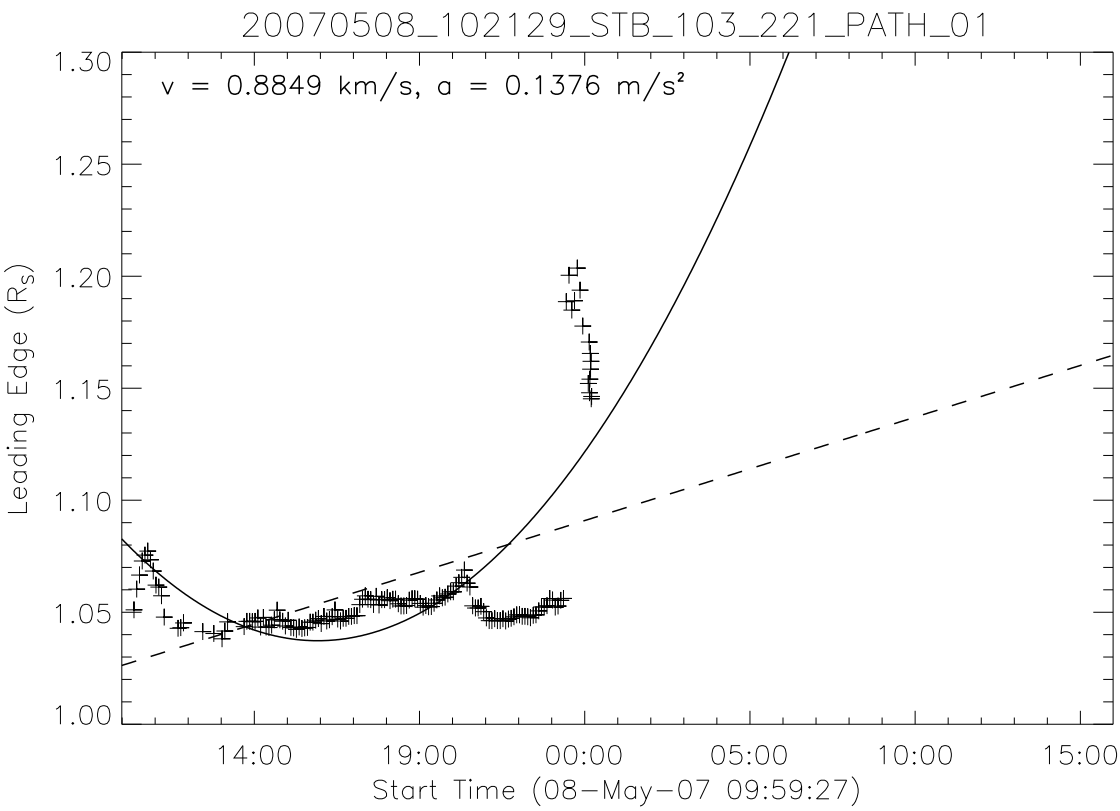
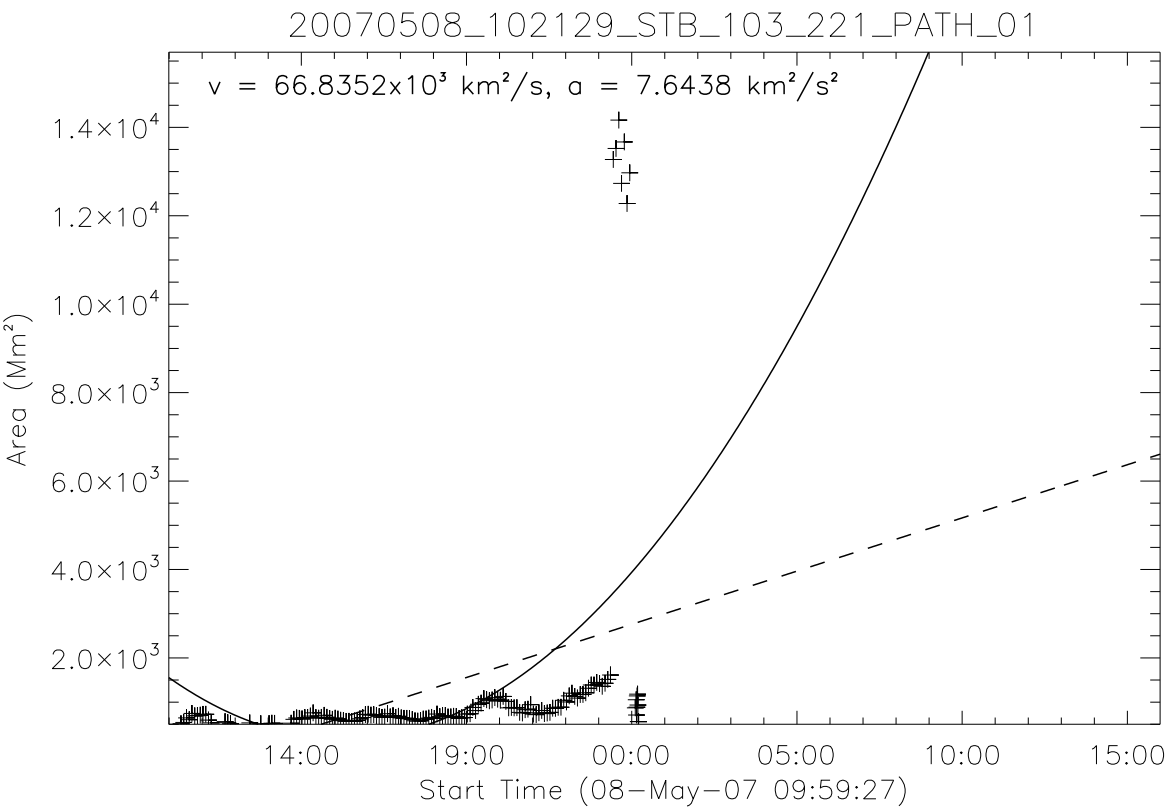
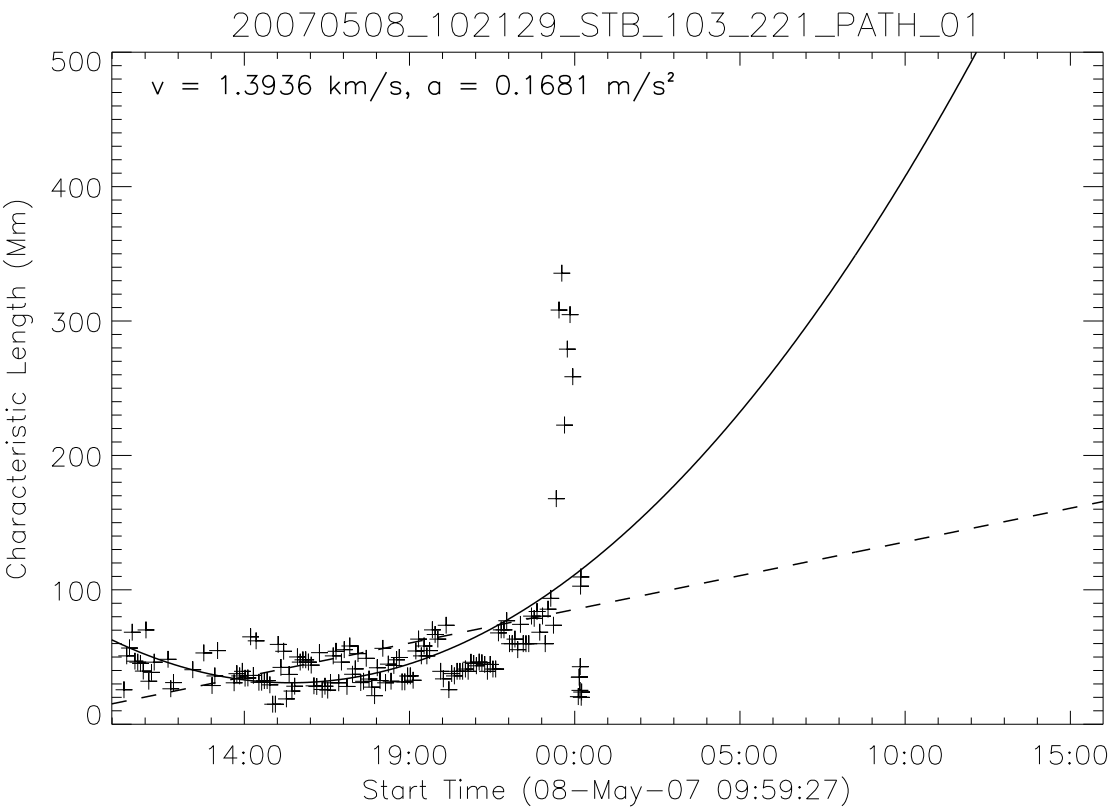
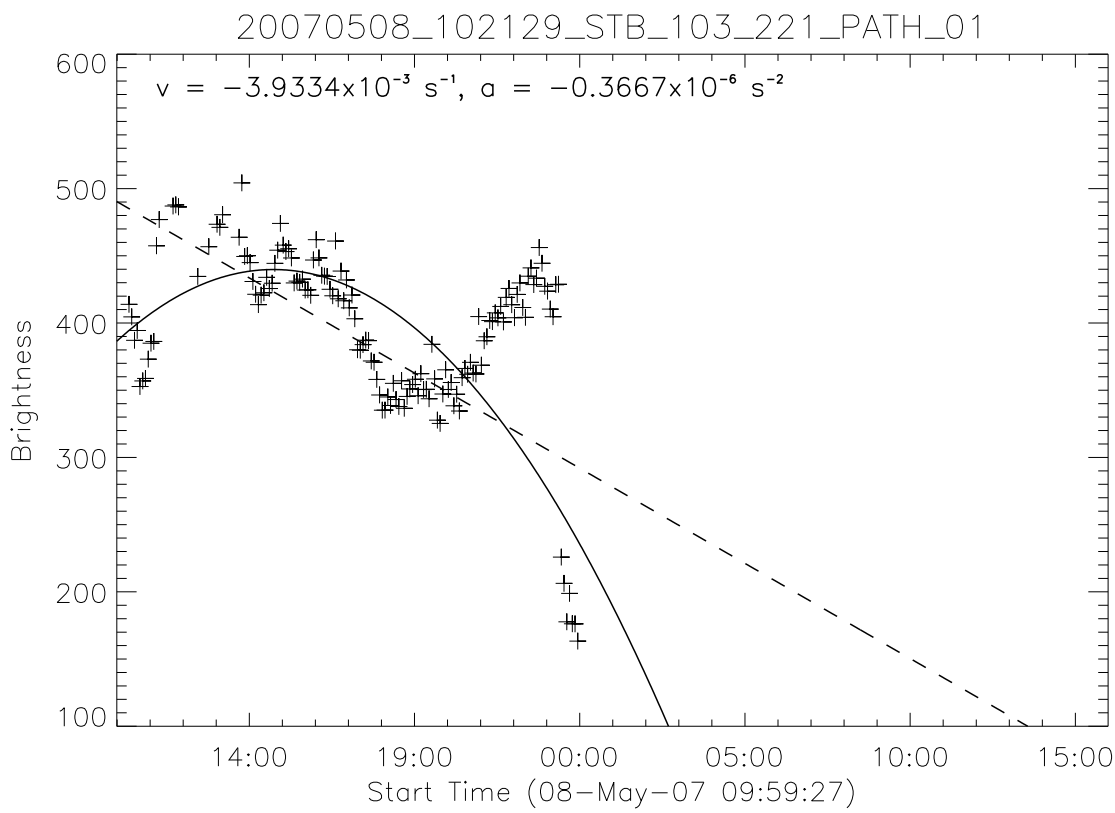

20070508_102129_STB_103_221_PATH_01
v = 0.5704 km/s, a = 0.0741 m/s²
Heliocentric Distance of Centroid (Rs)
1.10
1.08
1.06
1.04
1.02
1.00
14:00
19:00
00:00
05:00
10:00
15:00
Start Time (08−May−07 09:59:27)


20070508_102129_STB_103_221_PATH_01
v = 0.0946 arcsec/s, a = 0.0185x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
240
235
230
225
220
215
210
14:00
19:00
00:00
05:00
10:00
15:00
Start Time (08−May−07 09:59:27)


20070508_102129_STB_103_221_PATH_01
v = 0.8849 km/s, a = 0.1376 m/s²
Leading Edge (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
14:00
19:00
00:00
05:00
10:00
15:00
Start Time (08−May−07 09:59:27)


20070508_102129_STB_103_221_PATH_01
v = 66.8352x10³ km²/s, a = 7.6438 km²/s²
1.4×10⁴
1.2×10⁴
1.0×10⁴
8.0×10³
6.0×10³
4.0×10³
2.0×10³
Area (Mm²)
14:00
19:00
00:00
05:00
10:00
15:00
Start Time (08−May−07 09:59:27)


20070508_102129_STB_103_221_PATH_01
v = 1.3936 km/s, a = 0.1681 m/s²
Characteristic Length (Mm)
500
400
300
200
100
0
14:00
19:00
00:00
05:00
10:00
15:00
Start Time (08−May−07 09:59:27)


20070508_102129_STB_103_221_PATH_01
v = −3.9334x10⁻³ s⁻¹, a = −0.3667x10⁻⁶ s⁻²
Brightness
600
500
400
300
200
100
14:00
19:00
00:00
05:00
10:00
15:00
Start Time (08−May−07 09:59:27)