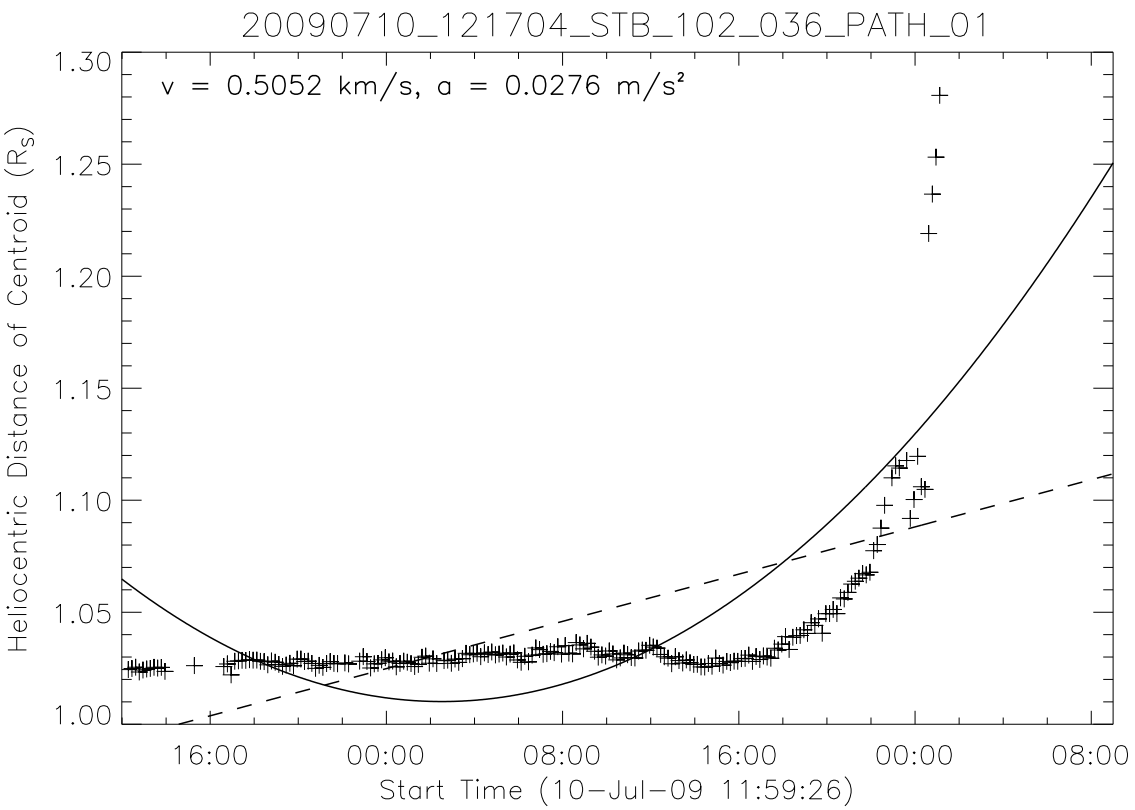
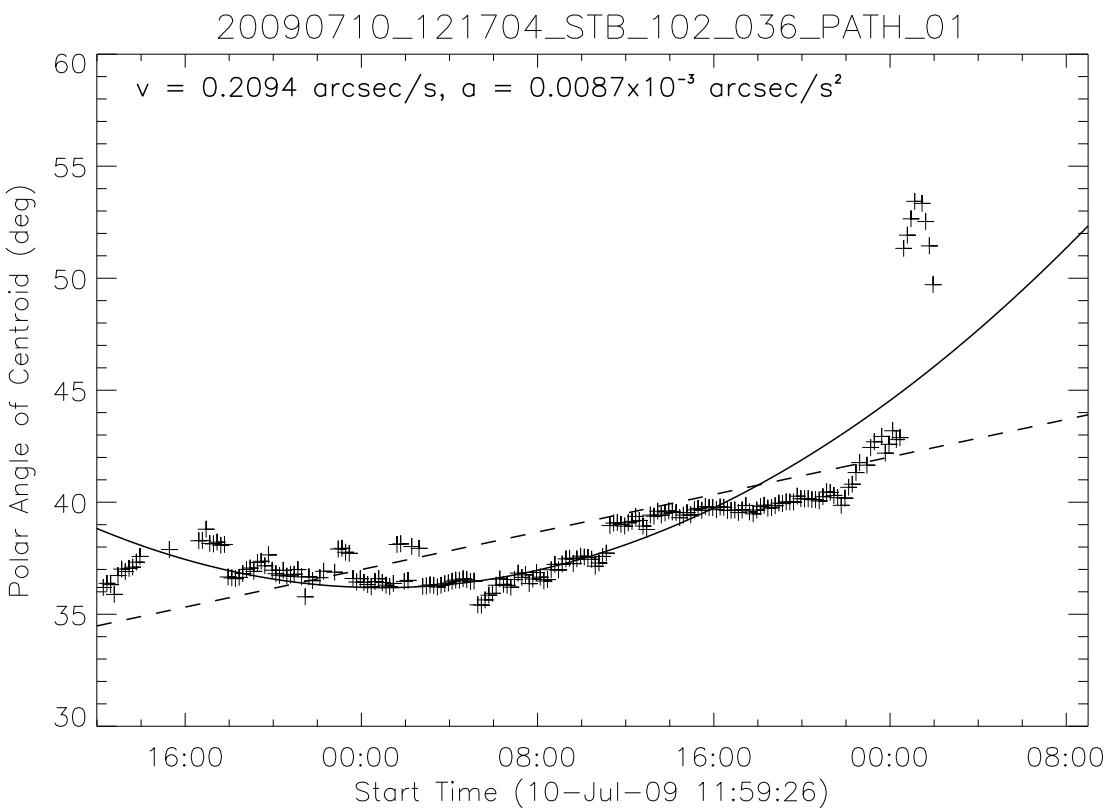
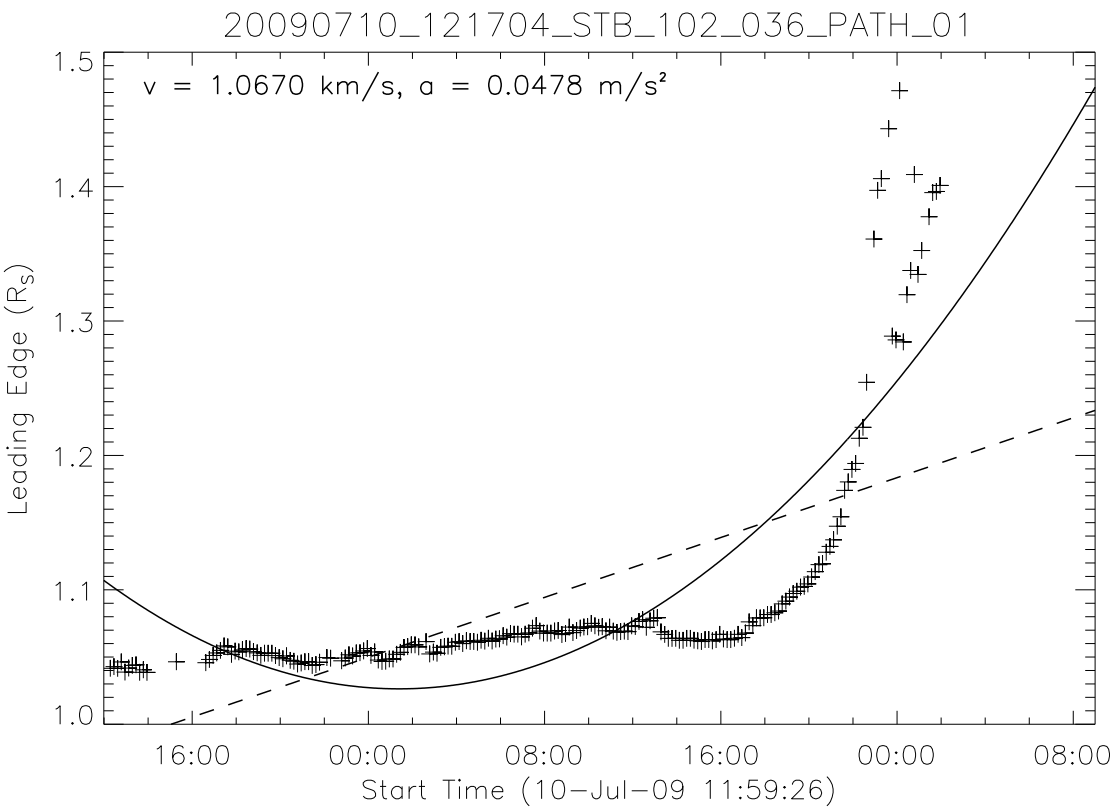
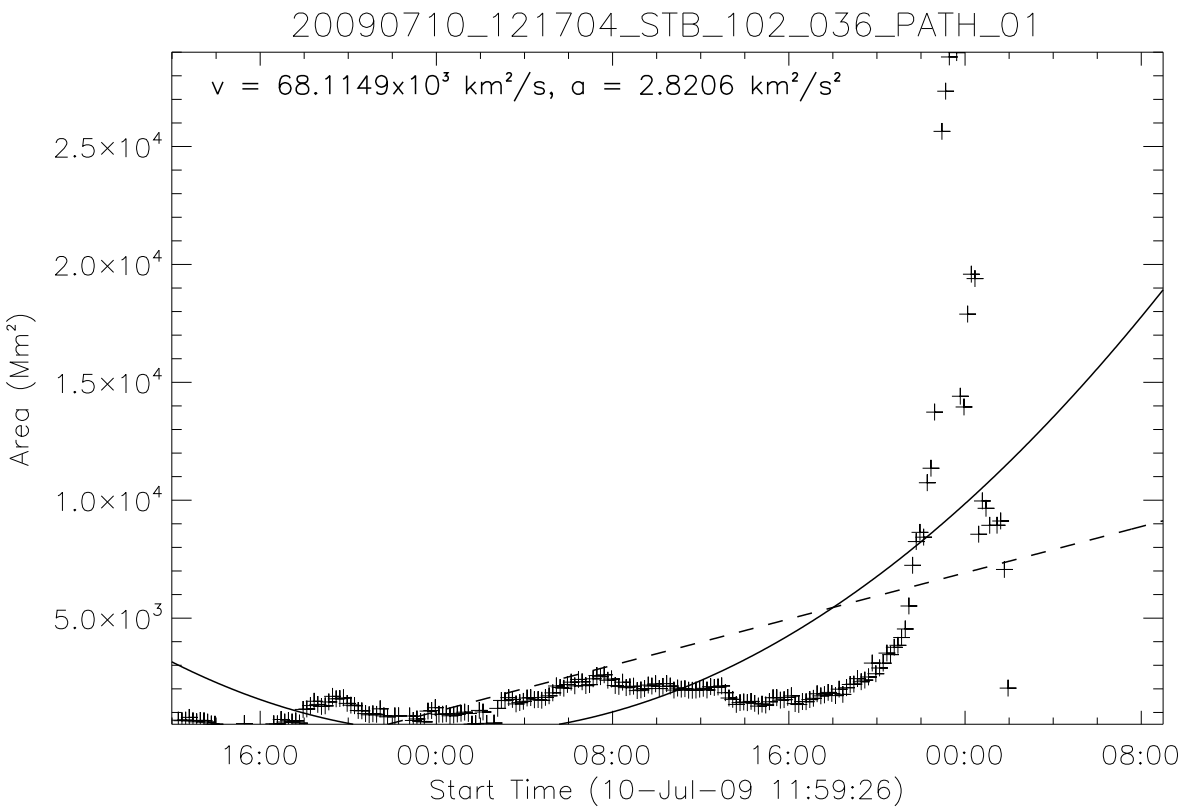
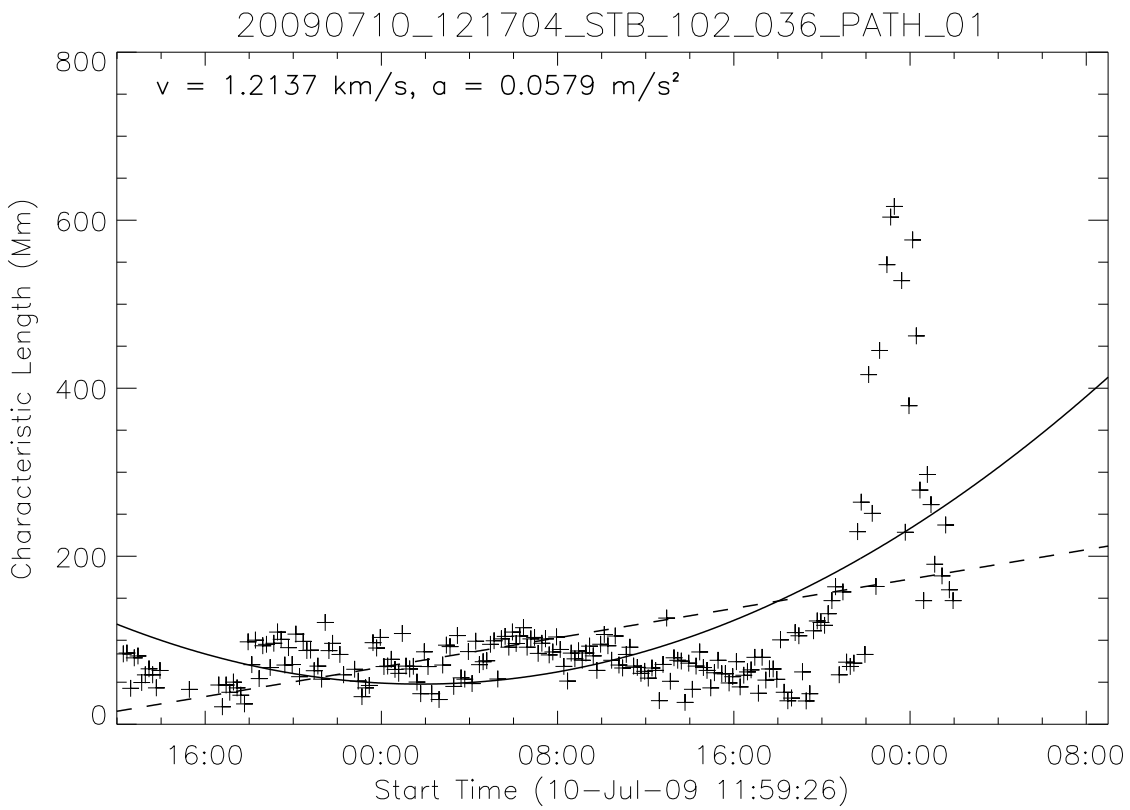
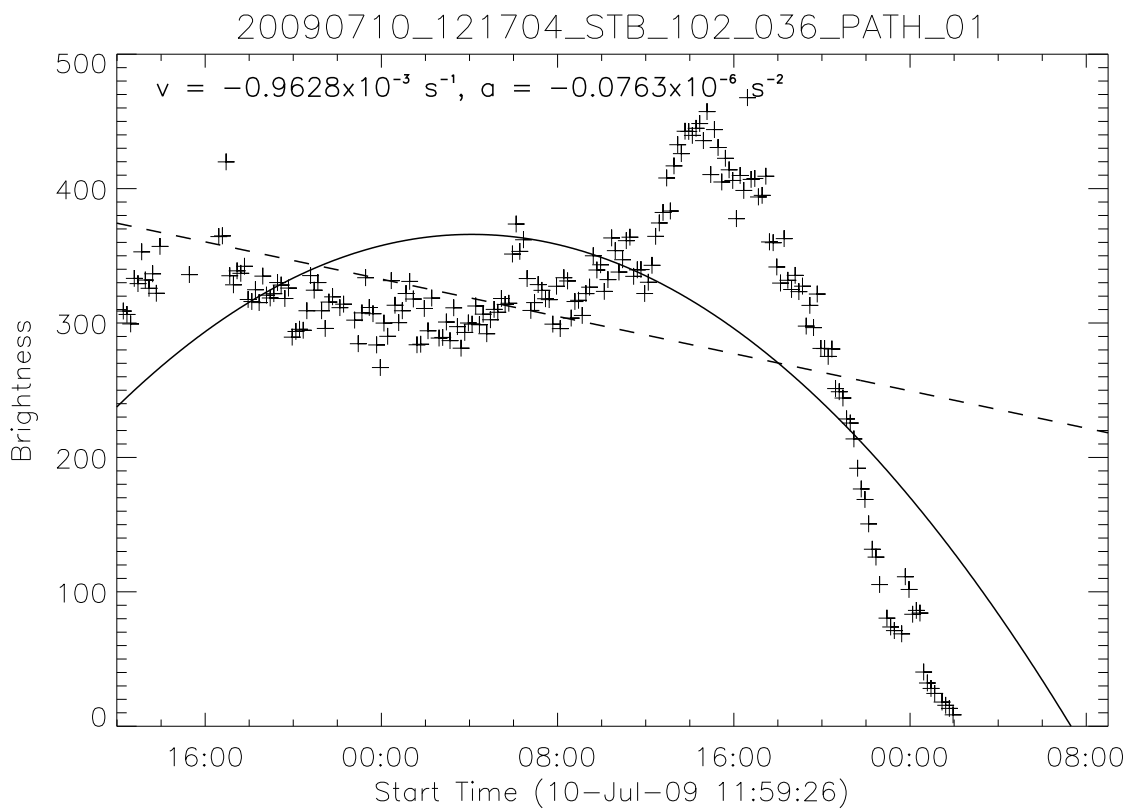

20090710_121704_STB_102_036_PATH_01
v = 0.5052 km/s, a = 0.0276 m/s²
Heliocentric Distance of Centroid (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
16:00
00:00
08:00
16:00
00:00
08:00
Start Time (10−Jul−09 11:59:26)


20090710_121704_STB_102_036_PATH_01
v = 0.2094 arcsec/s, a = 0.0087x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
60
55
50
45
40
35
30
16:00
00:00
08:00
16:00
00:00
08:00
Start Time (10−Jul−09 11:59:26)


20090710_121704_STB_102_036_PATH_01
v = 1.0670 km/s, a = 0.0478 m/s²
Leading Edge (Rs)
1.5
1.4
1.3
1.2
1.1
1.0
16:00
00:00
08:00
16:00
00:00
08:00
Start Time (10-Jul-09 11:59:26)


20090710_121704_STB_102_036_PATH_01
v = 68.1149x10³ km²/s, a = 2.8206 km²/s²
2.5×10⁴
2.0×10⁴
1.5×10⁴
1.0×10⁴
5.0×10³
Area (Mm²)
16:00
00:00
08:00
16:00
00:00
08:00
Start Time (10−Jul−09 11:59:26)


20090710_121704_STB_102_036_PATH_01
v = 1.2137 km/s, a = 0.0579 m/s²
Characteristic Length (Mm)
800
600
400
200
0
16:00
00:00
08:00
16:00
00:00
08:00
Start Time (10−Jul−09 11:59:26)


20090710_121704_STB_102_036_PATH_01
v = −0.9628x10⁻³ s⁻¹, a = −0.0763x10⁻⁶ s⁻²
Brightness
500
400
300
200
100
0
16:00
00:00
08:00
16:00
00:00
08:00
Start Time (10−Jul−09 11:59:26)