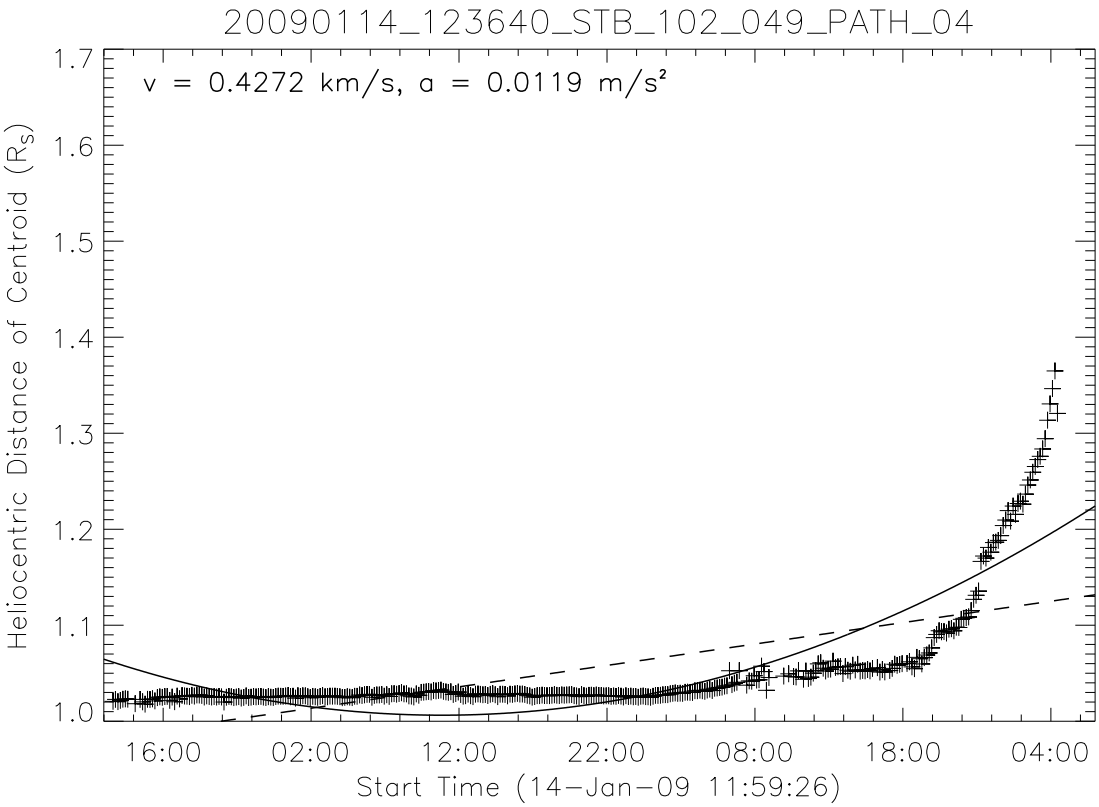
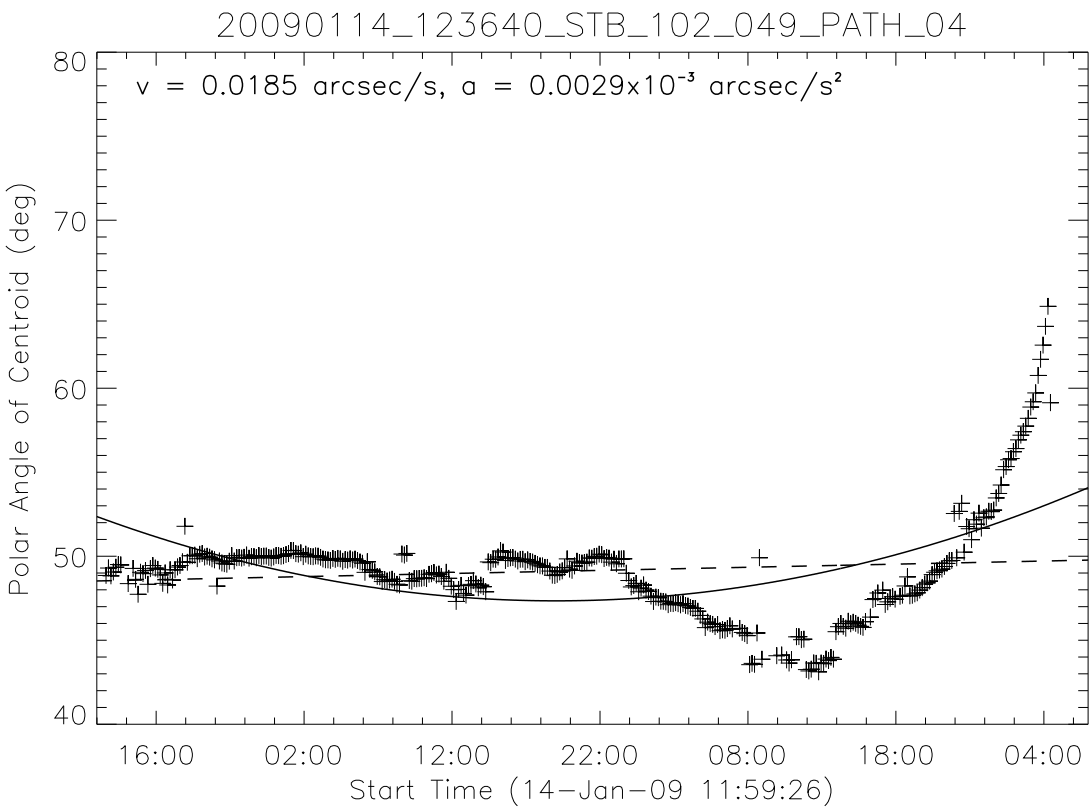
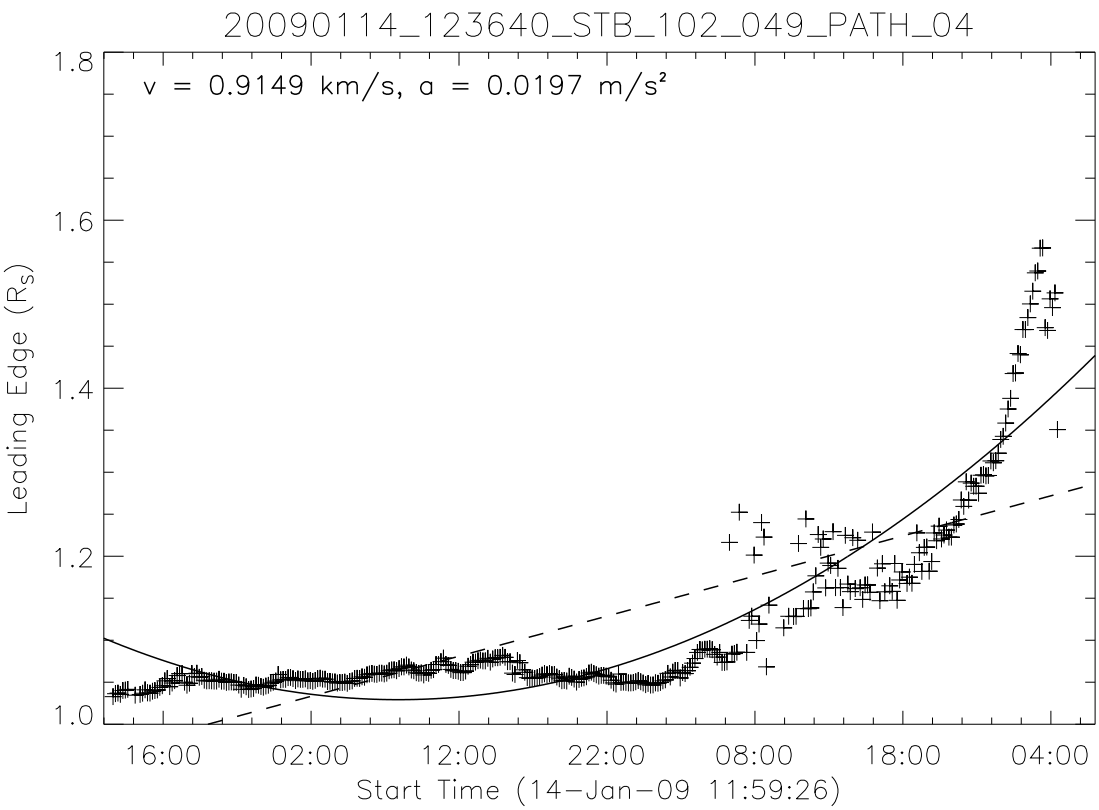
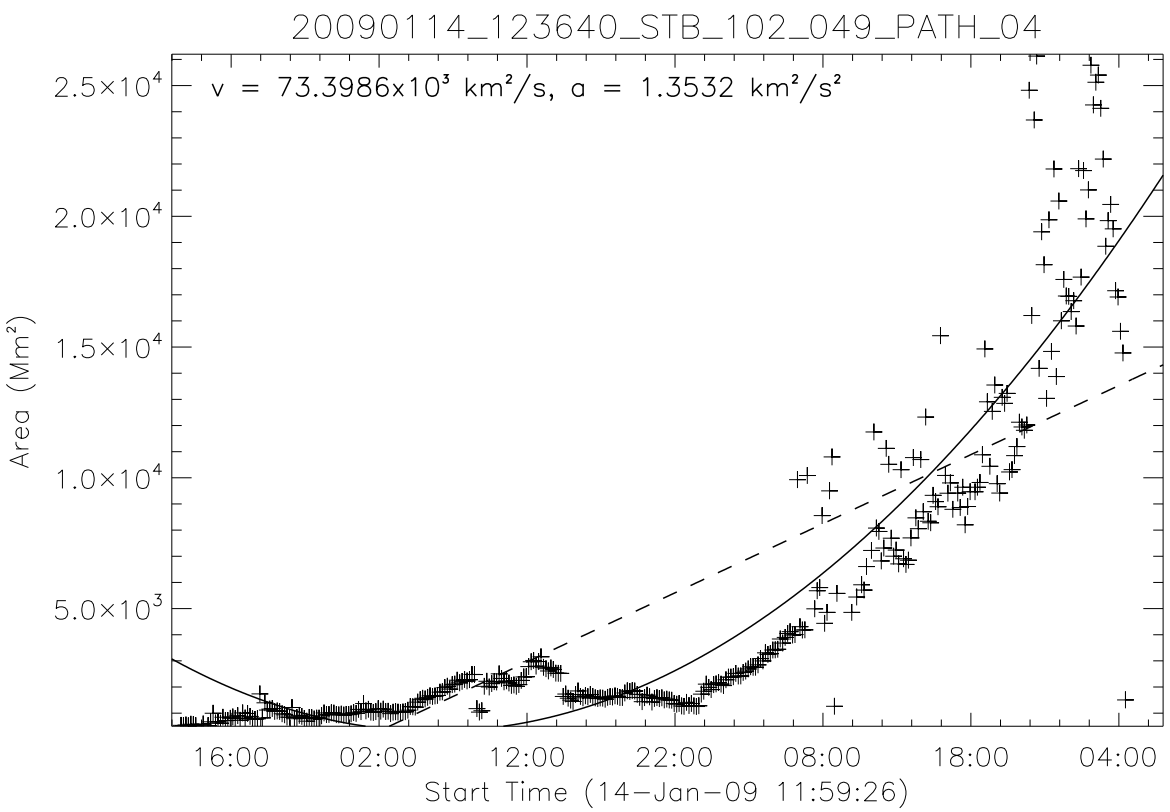
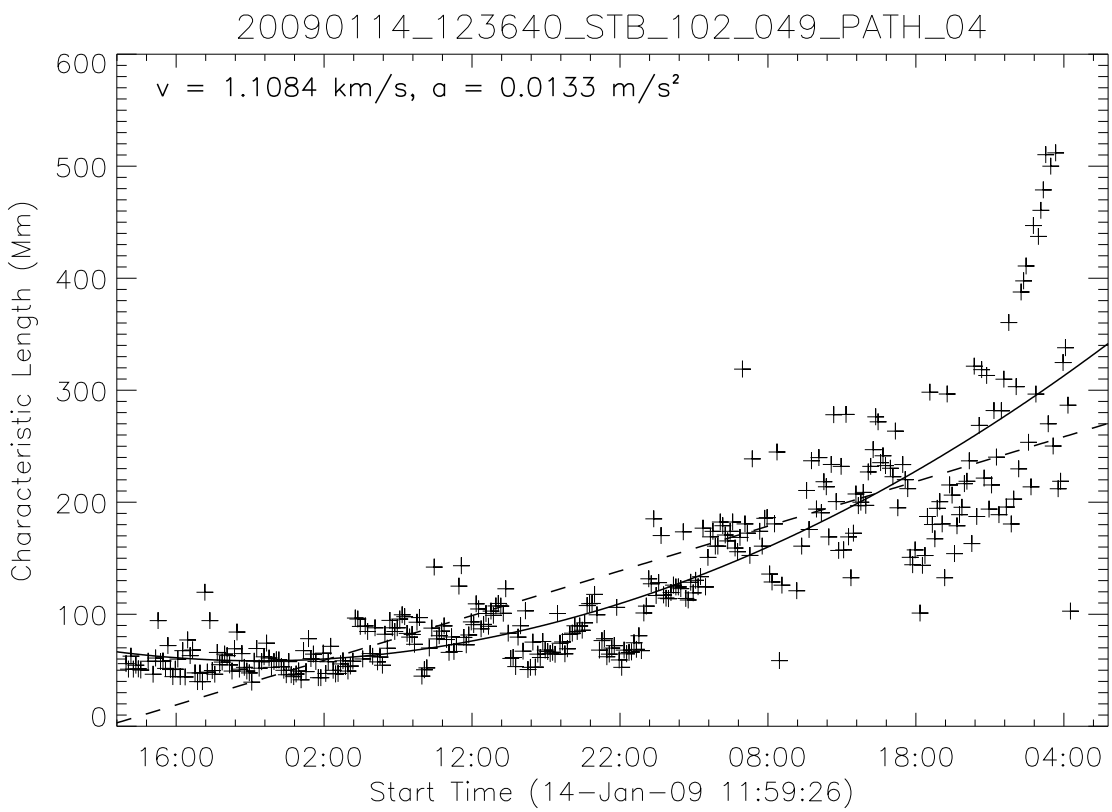
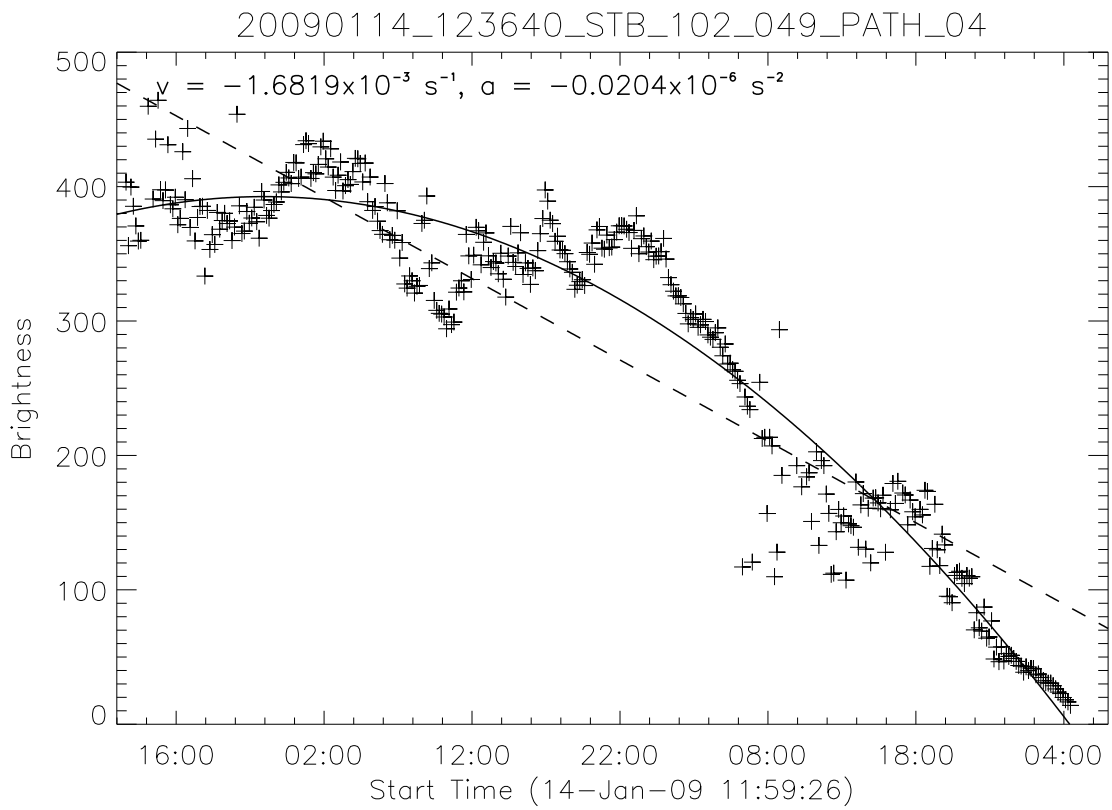

20090114_123640_STB_102_049_PATH_04
v = 0.4272 km/s, a = 0.0119 m/s²
Heliocentric Distance of Centroid (Rs)
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1.0
16:00
02:00
12:00
22:00
08:00
18:00
04:00
Start Time (14-Jan-09 11:59:26)


20090114_123640_STB_102_049_PATH_04
v = 0.0185 arcsec/s, a = 0.0029x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
80
70
60
50
40
16:00
02:00
12:00
22:00
08:00
18:00
04:00
Start Time (14−Jan−09 11:59:26)


20090114_123640_STB_102_049_PATH_04
v = 0.9149 km/s, a = 0.0197 m/s²
Leading Edge (Rs)
1.8
1.6
1.4
1.2
1.0
16:00
02:00
12:00
22:00
08:00
18:00
04:00
Start Time (14−Jan−09 11:59:26)


20090114_123640_STB_102_049_PATH_04
v = 73.3986x10³ km²/s, a = 1.3532 km²/s²
2.5×10⁴
2.0×10⁴
1.5×10⁴
1.0×10⁴
5.0×10³
Area (Mm²)
16:00
02:00
12:00
22:00
08:00
18:00
04:00
Start Time (14−Jan−09 11:59:26)


20090114_123640_STB_102_049_PATH_04
v = 1.1084 km/s, a = 0.0133 m/s²
Characteristic Length (Mm)
0
100
200
300
400
500
600
16:00
02:00
12:00
22:00
08:00
18:00
04:00
Start Time (14−Jan−09 11:59:26)


20090114_123640_STB_102_049_PATH_04
v = −1.6819x10⁻³ s⁻¹, a = −0.0204x10⁻⁶ s⁻²
Brightness
500
400
300
200
100
0
16:00
02:00
12:00
22:00
08:00
18:00
04:00
Start Time (14−Jan−09 11:59:26)