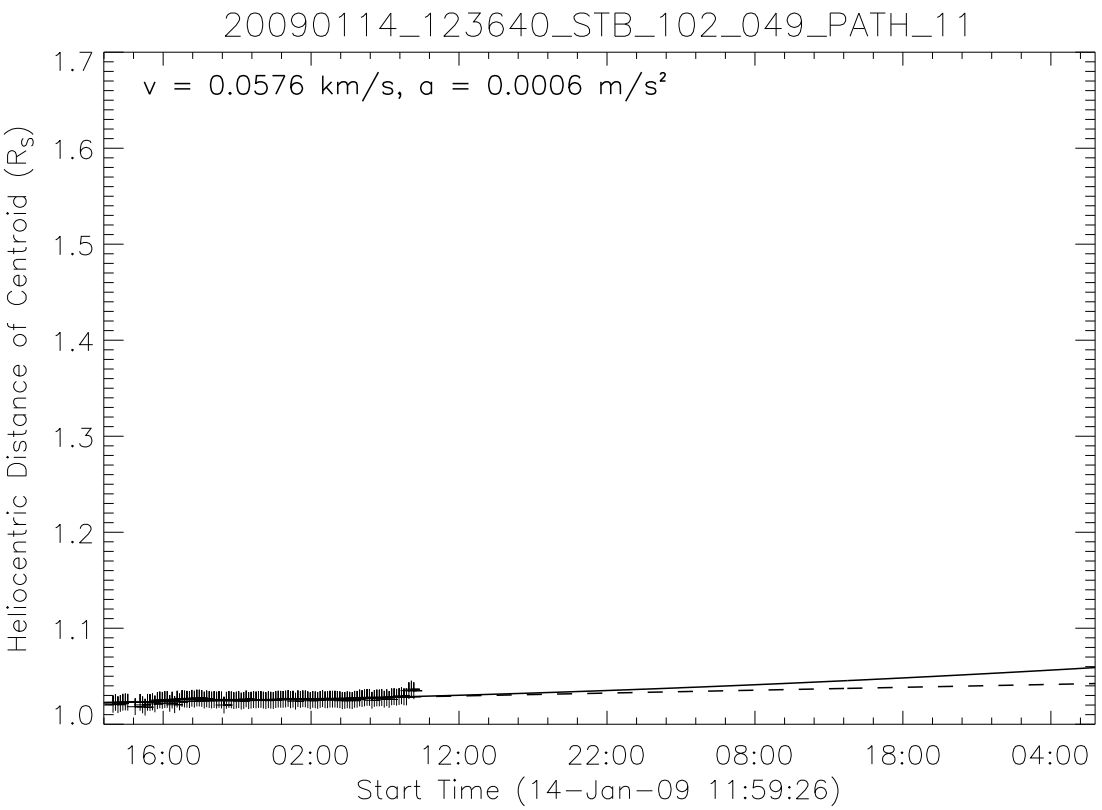
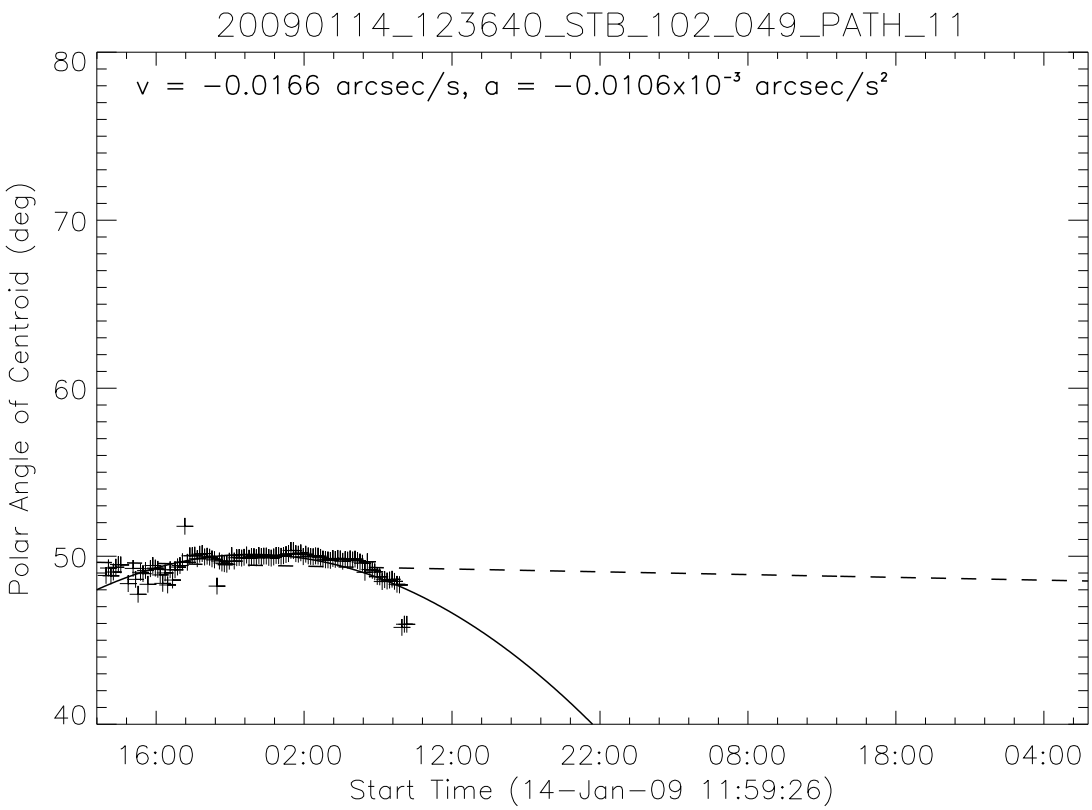
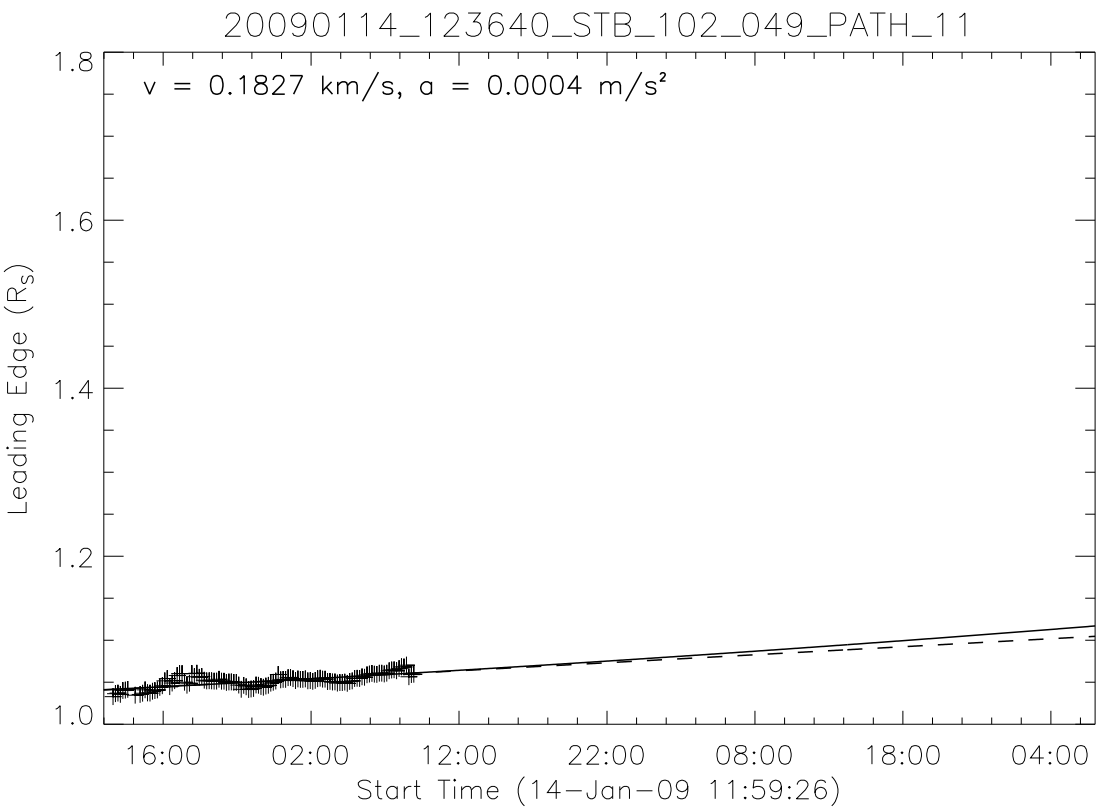
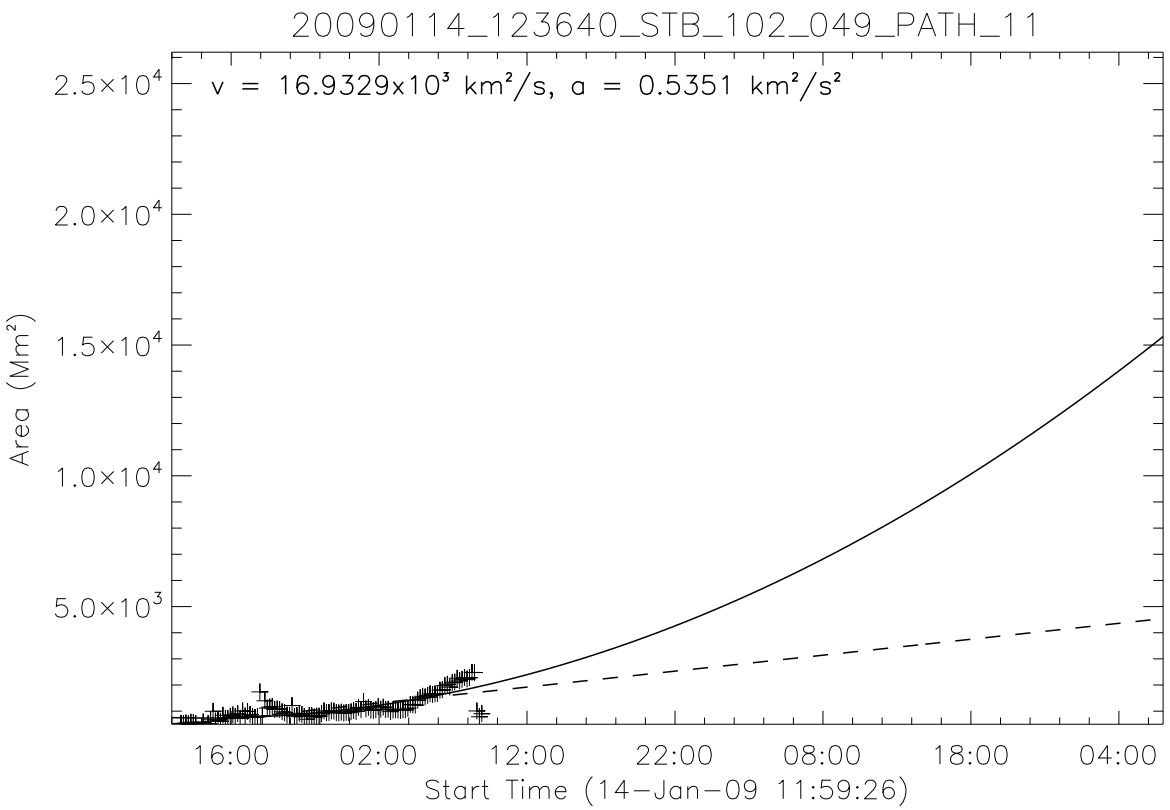
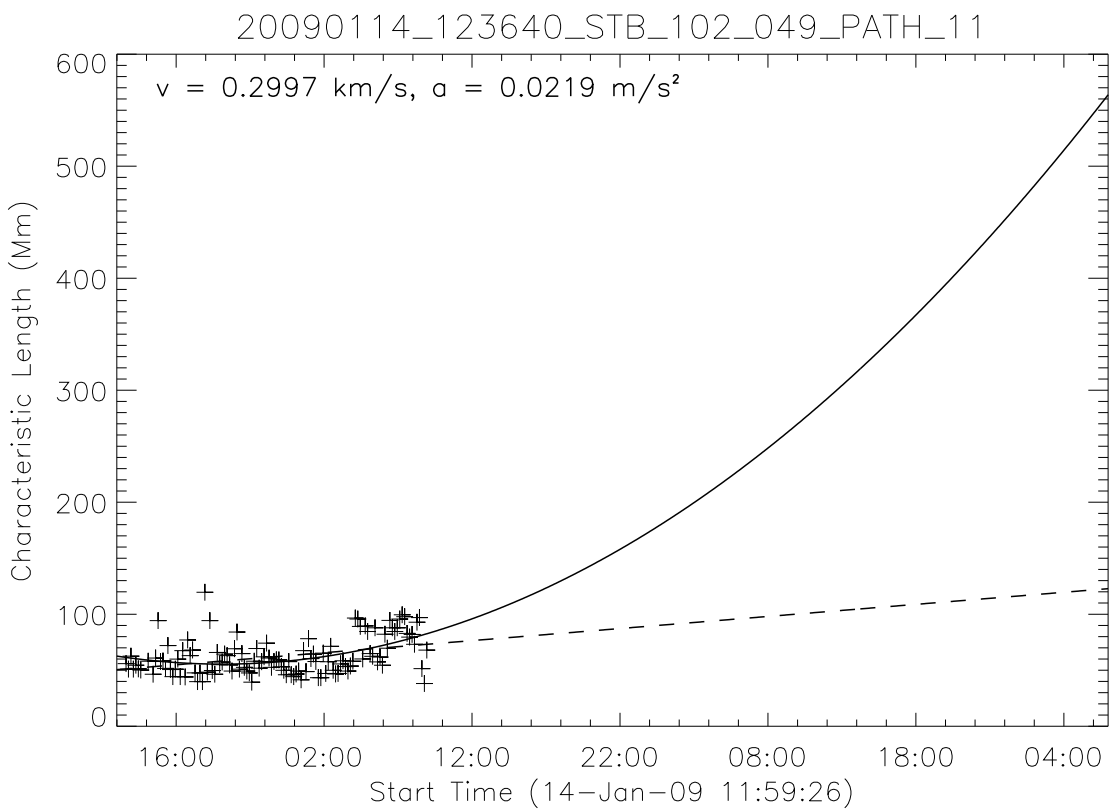
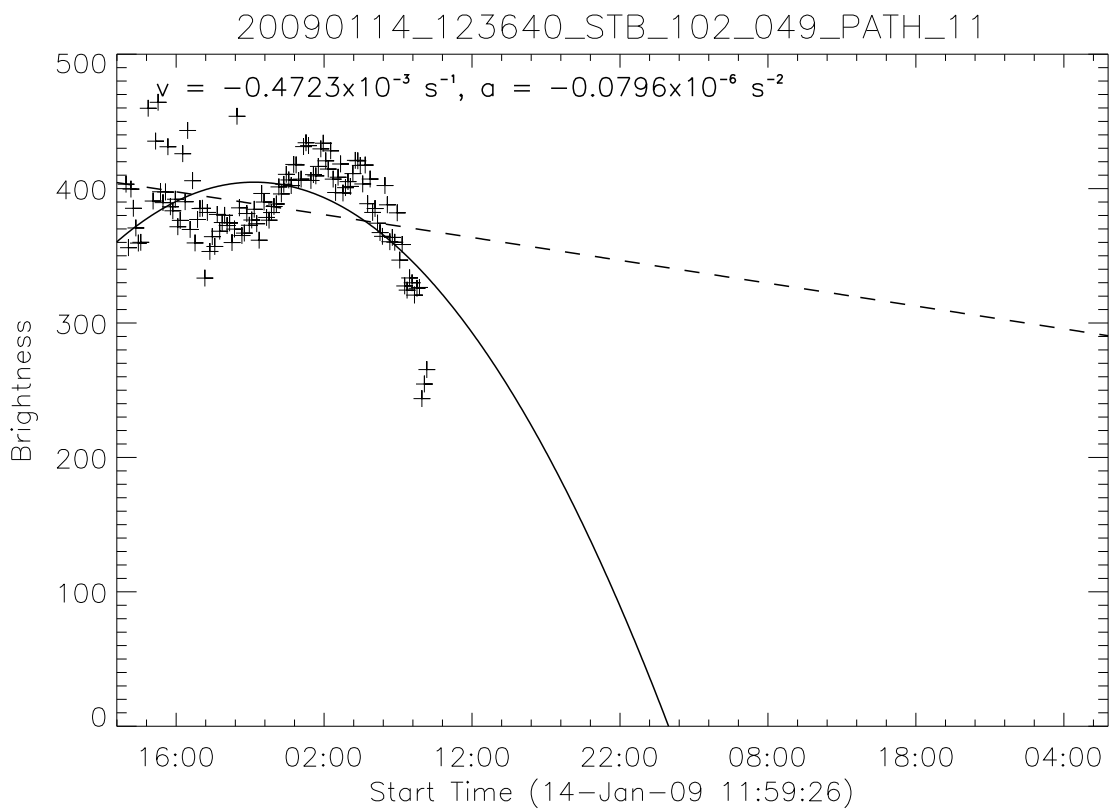

20090114_123640_STB_102_049_PATH_11
v = 0.0576 km/s, a = 0.0006 m/s²
Heliocentric Distance of Centroid (Rs)
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1.0
16:00
02:00
12:00
22:00
08:00
18:00
04:00
Start Time (14−Jan−09 11:59:26)


20090114_123640_STB_102_049_PATH_11
v = −0.0166 arcsec/s, a = −0.0106x10⁻³ 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_11
v = 0.1827 km/s, a = 0.0004 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_11
v = 16.9329x10³ km²/s, a = 0.5351 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_11
v = 0.2997 km/s, a = 0.0219 m/s²
Characteristic Length (Mm)
600
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)


20090114_123640_STB_102_049_PATH_11
v = −0.4723x10⁻³ s⁻¹, a = −0.0796x10⁻⁶ 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)