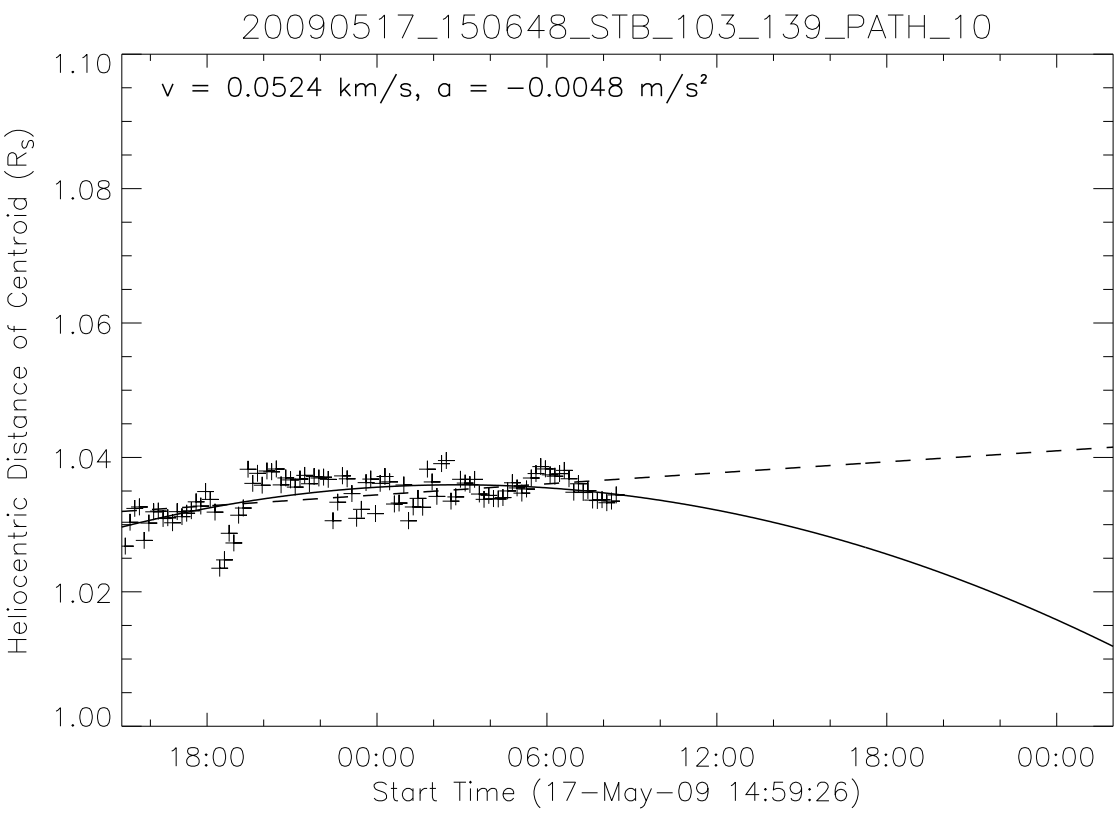
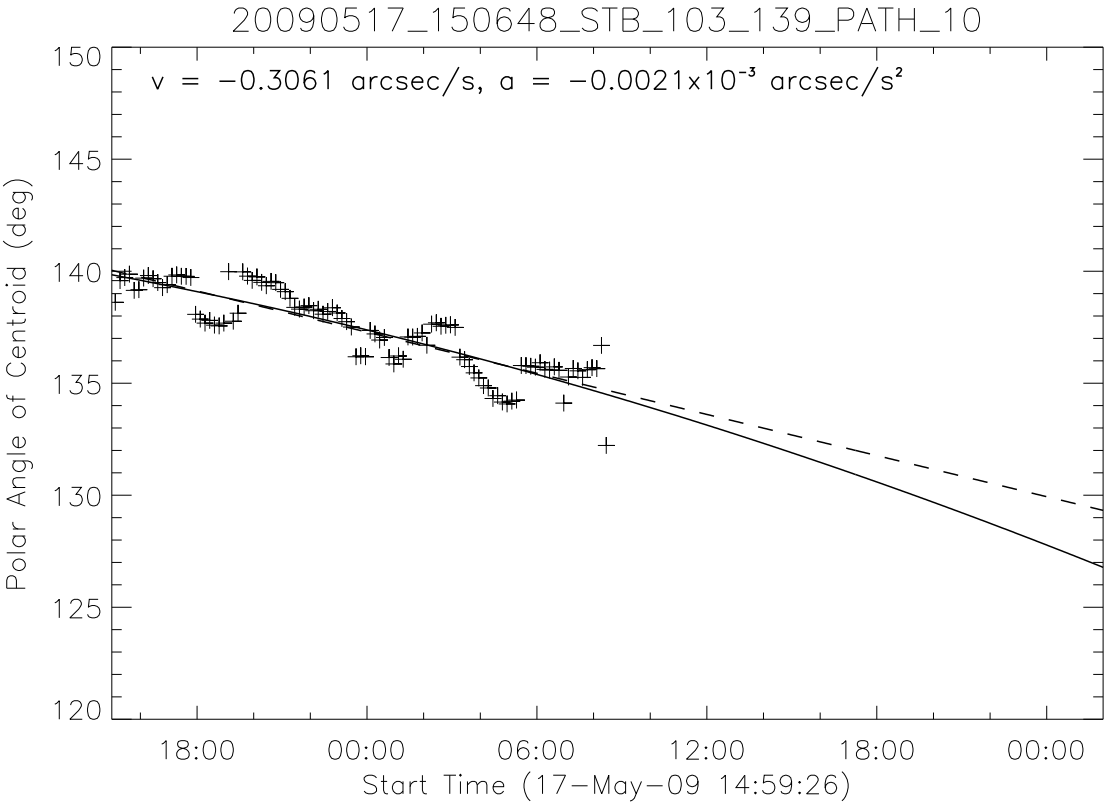
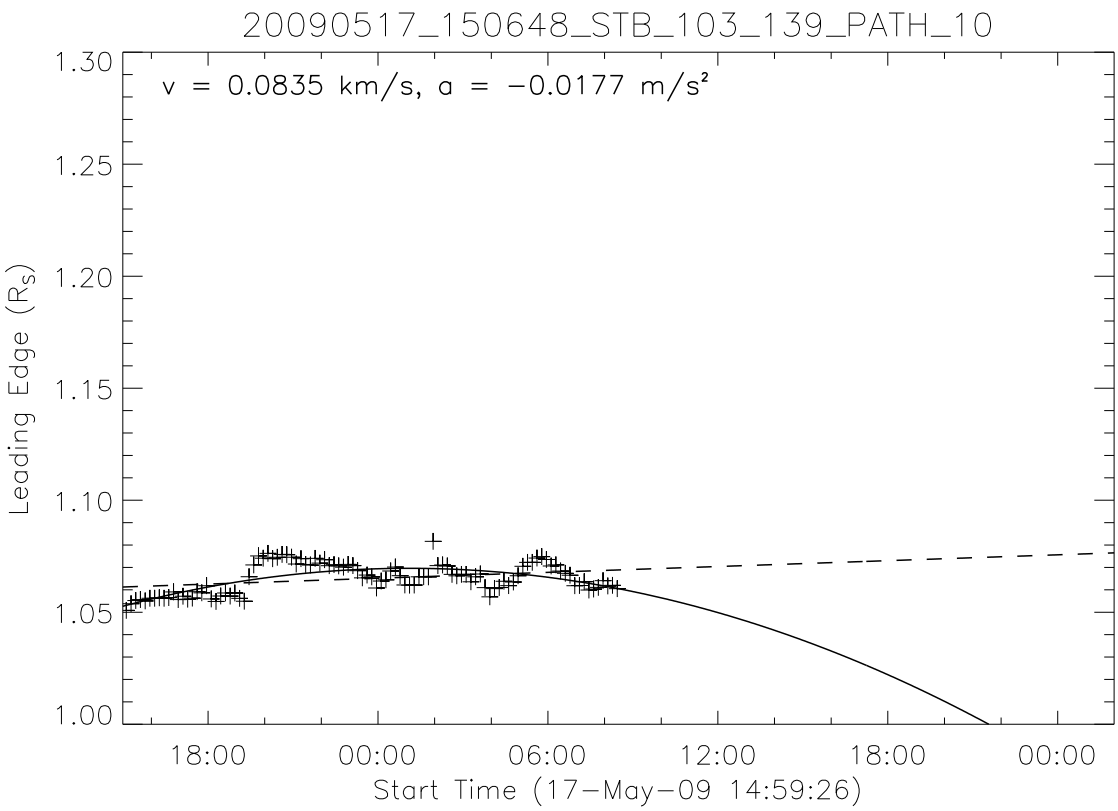
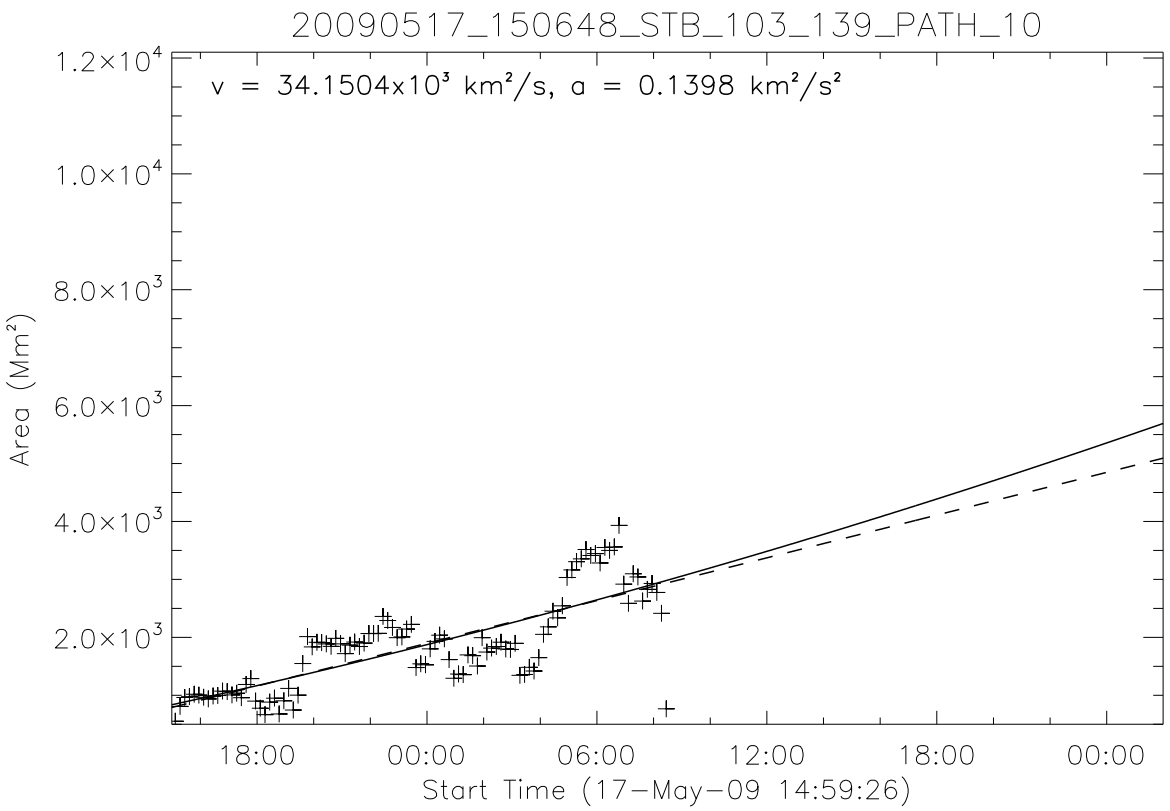
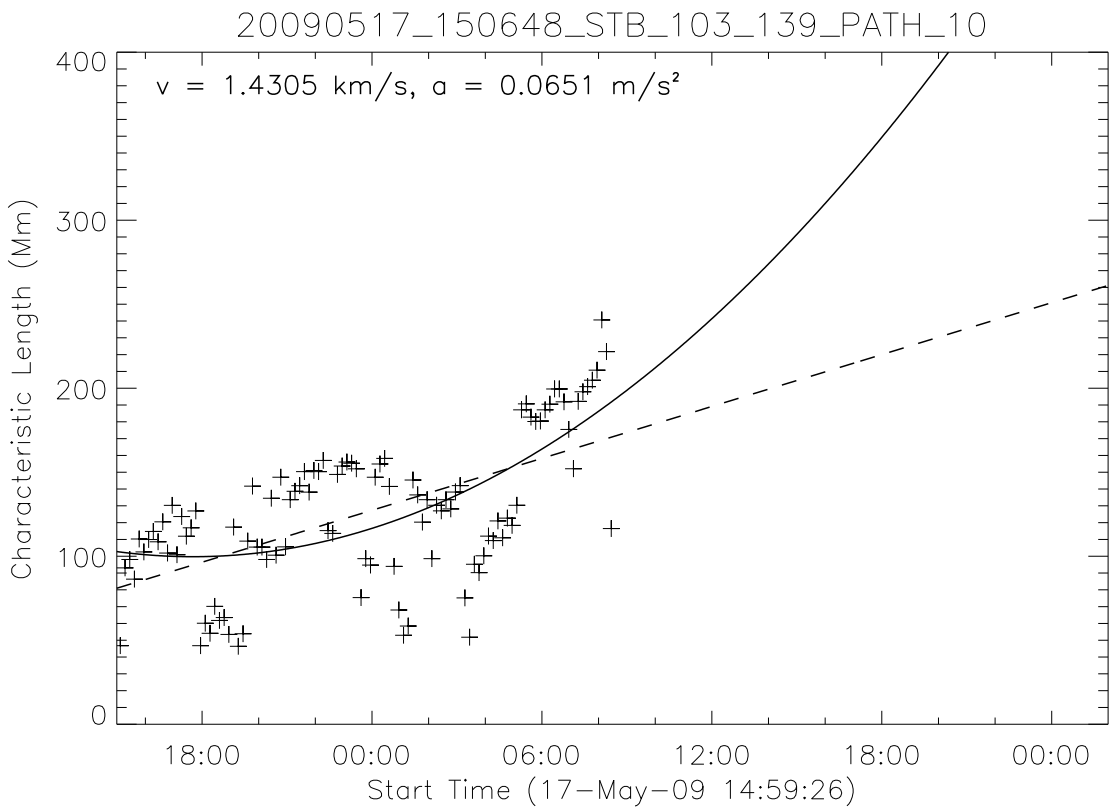
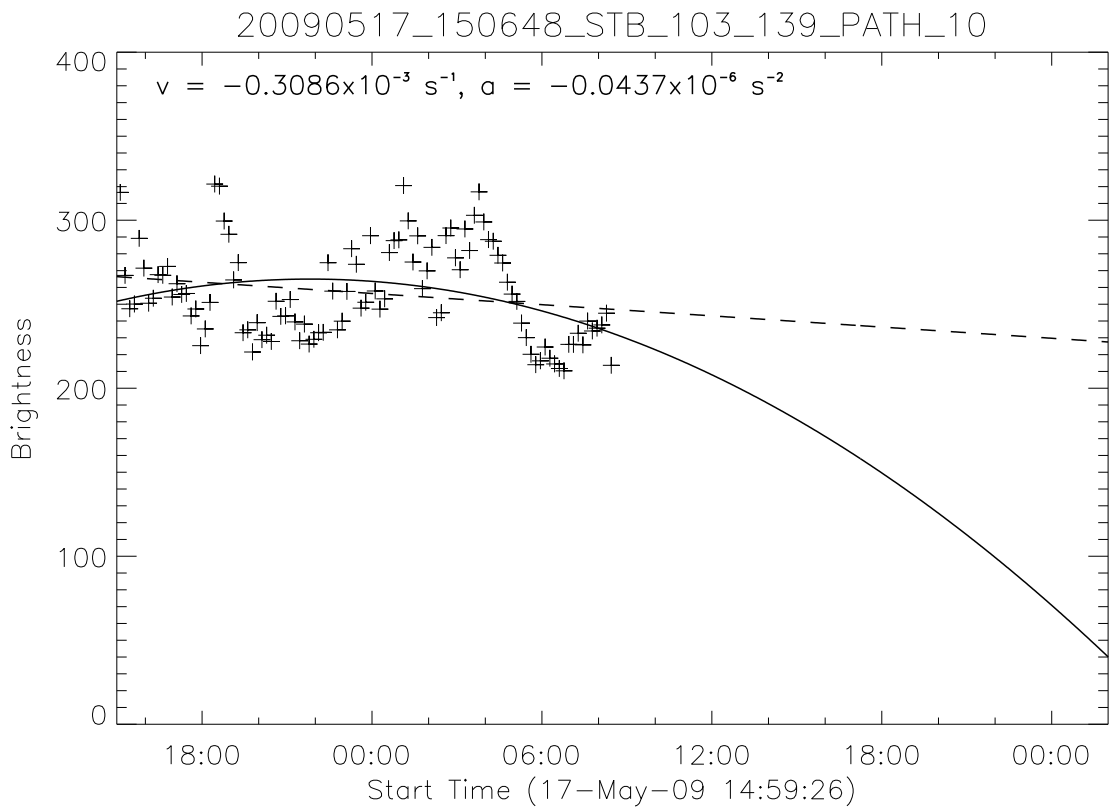

20090517_150648_STB_103_139_PATH_10
v = 0.0524 km/s, a = −0.0048 m/s²
Heliocentric Distance of Centroid (Rs)
1.10
1.08
1.06
1.04
1.02
1.00
18:00
00:00
06:00
12:00
18:00
00:00
Start Time (17−May−09 14:59:26)


20090517_150648_STB_103_139_PATH_10
v = −0.3061 arcsec/s, a = −0.0021x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
150
145
140
135
130
125
120
18:00
00:00
06:00
12:00
18:00
00:00
Start Time (17−May−09 14:59:26)


20090517_150648_STB_103_139_PATH_10
v = 0.0835 km/s, a = −0.0177 m/s²
Leading Edge (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
18:00
00:00
06:00
12:00
18:00
00:00
Start Time (17−May−09 14:59:26)


20090517_150648_STB_103_139_PATH_10
v = 34.1504x10³ km²/s, a = 0.1398 km²/s²
1.2×10⁴
1.0×10⁴
8.0×10³
6.0×10³
4.0×10³
2.0×10³
Area (Mm²)
18:00
00:00
06:00
12:00
18:00
00:00
Start Time (17−May−09 14:59:26)


20090517_150648_STB_103_139_PATH_10
v = 1.4305 km/s, a = 0.0651 m/s²
Characteristic Length (Mm)
400
300
200
100
0
18:00
00:00
06:00
12:00
18:00
00:00
Start Time (17−May−09 14:59:26)


20090517_150648_STB_103_139_PATH_10
v = −0.3086x10⁻³ s⁻¹, a = −0.0437x10⁻⁶ s⁻²
Brightness
400
300
200
100
0
18:00
00:00
06:00
12:00
18:00
00:00
Start Time (17−May−09 14:59:26)