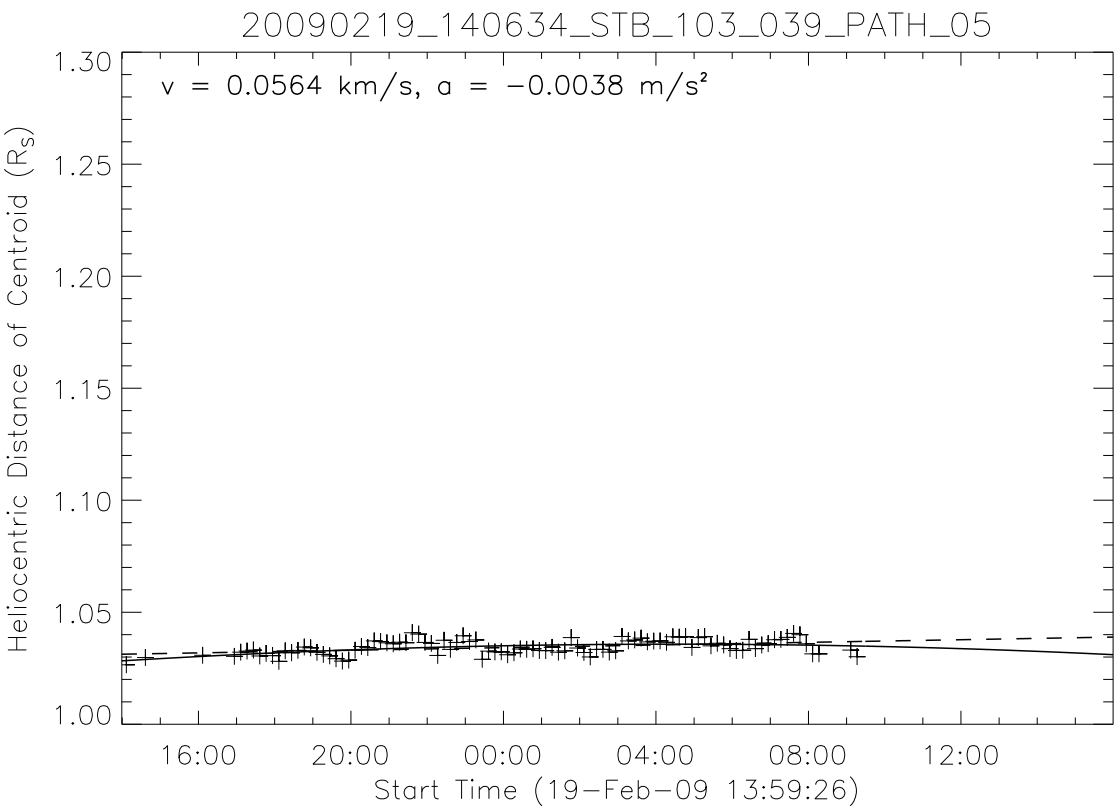
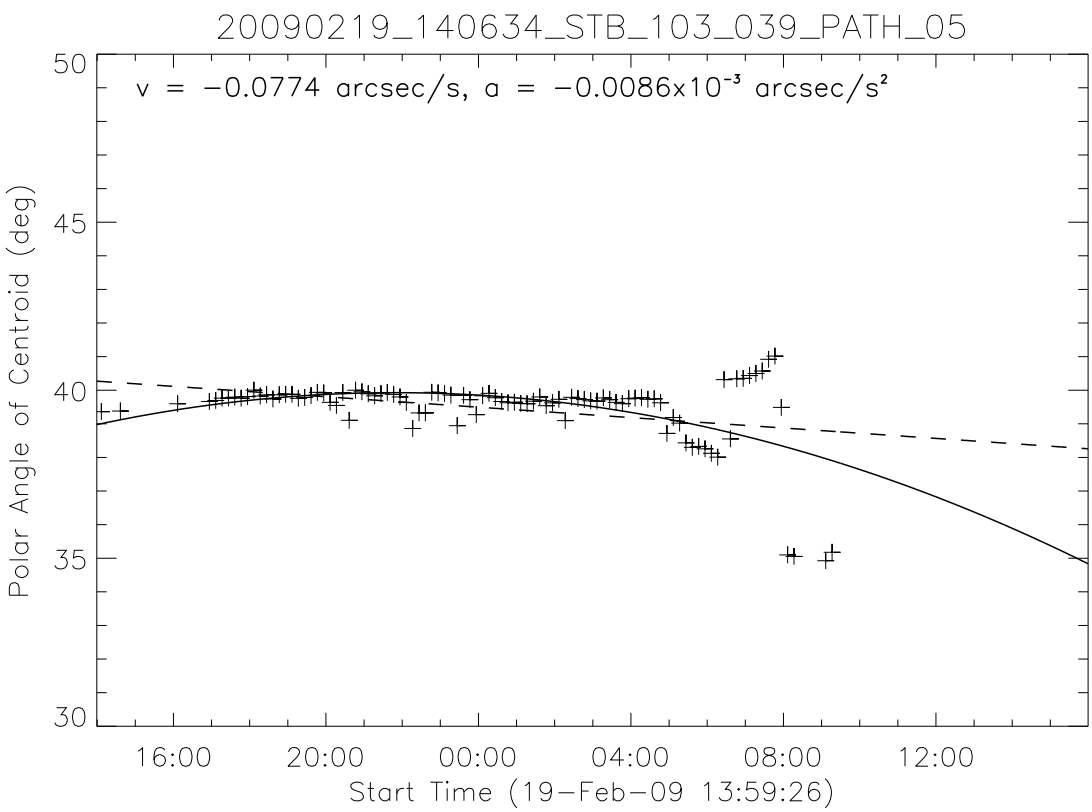
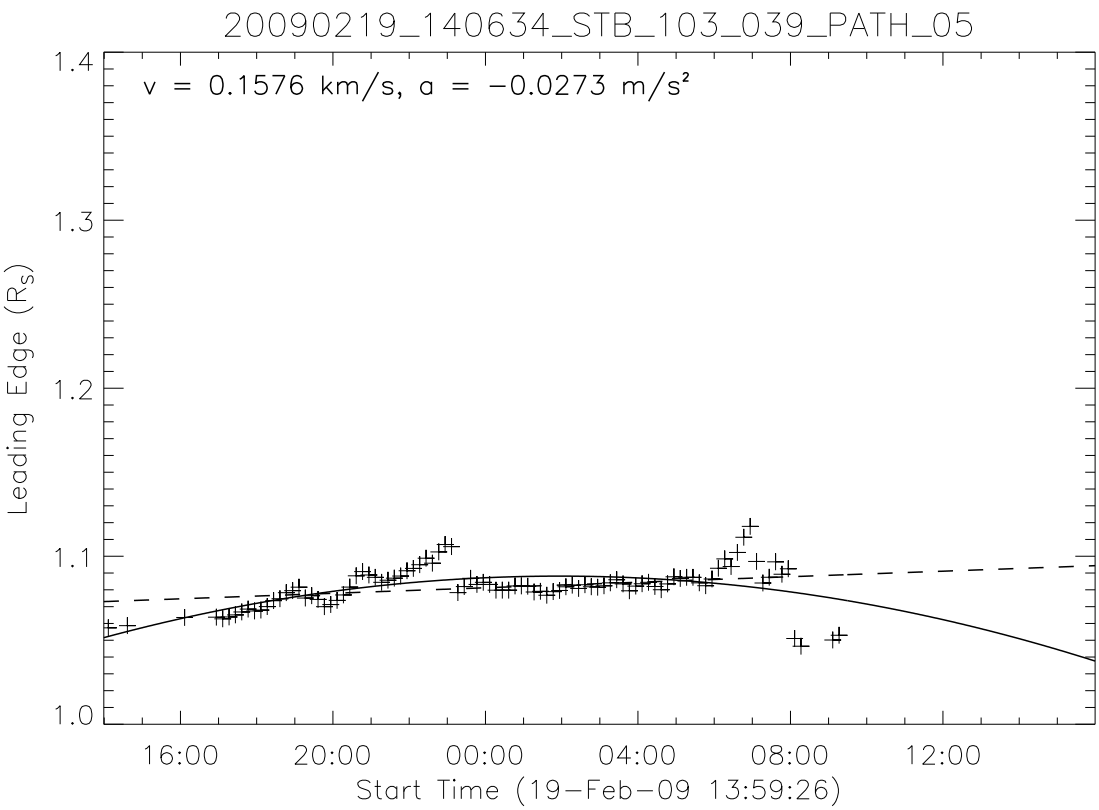
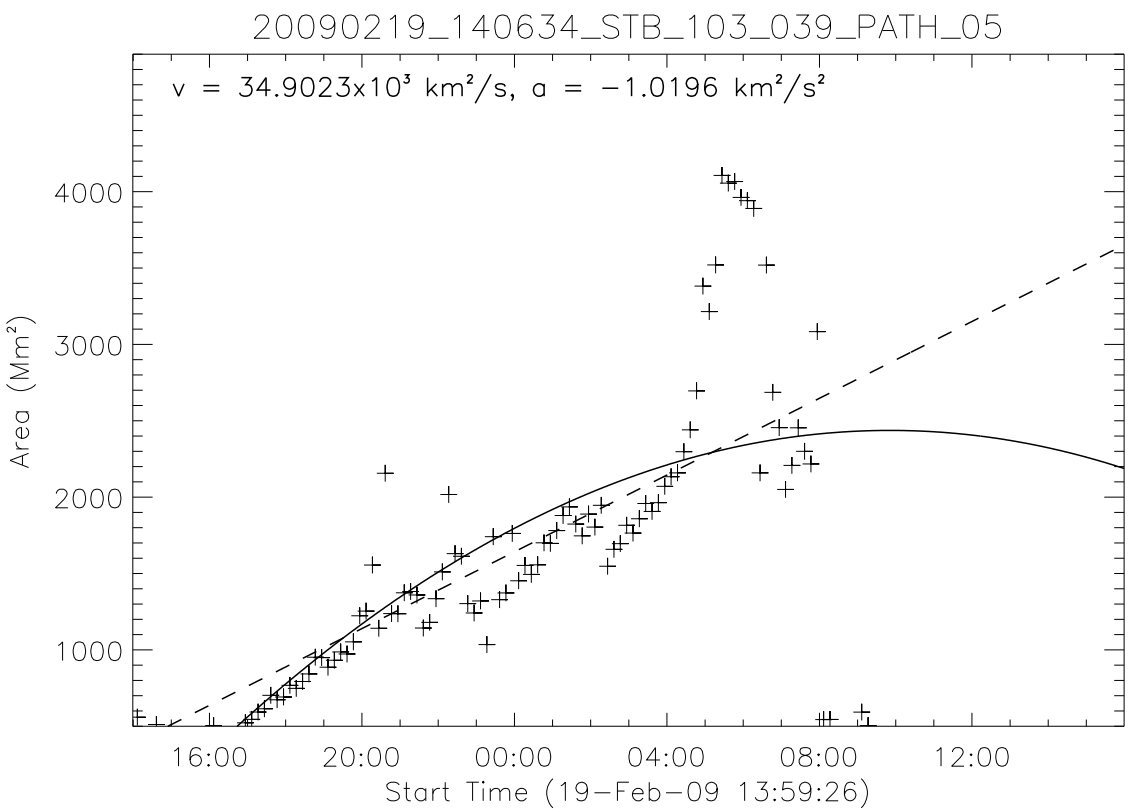
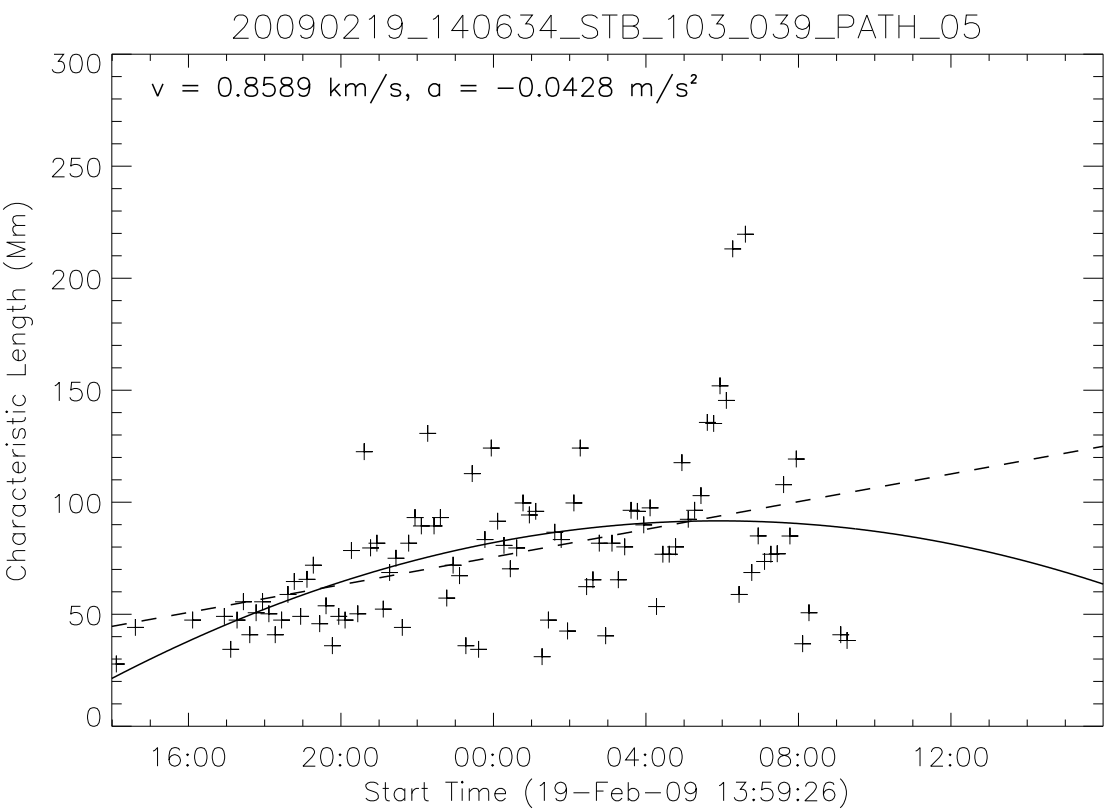
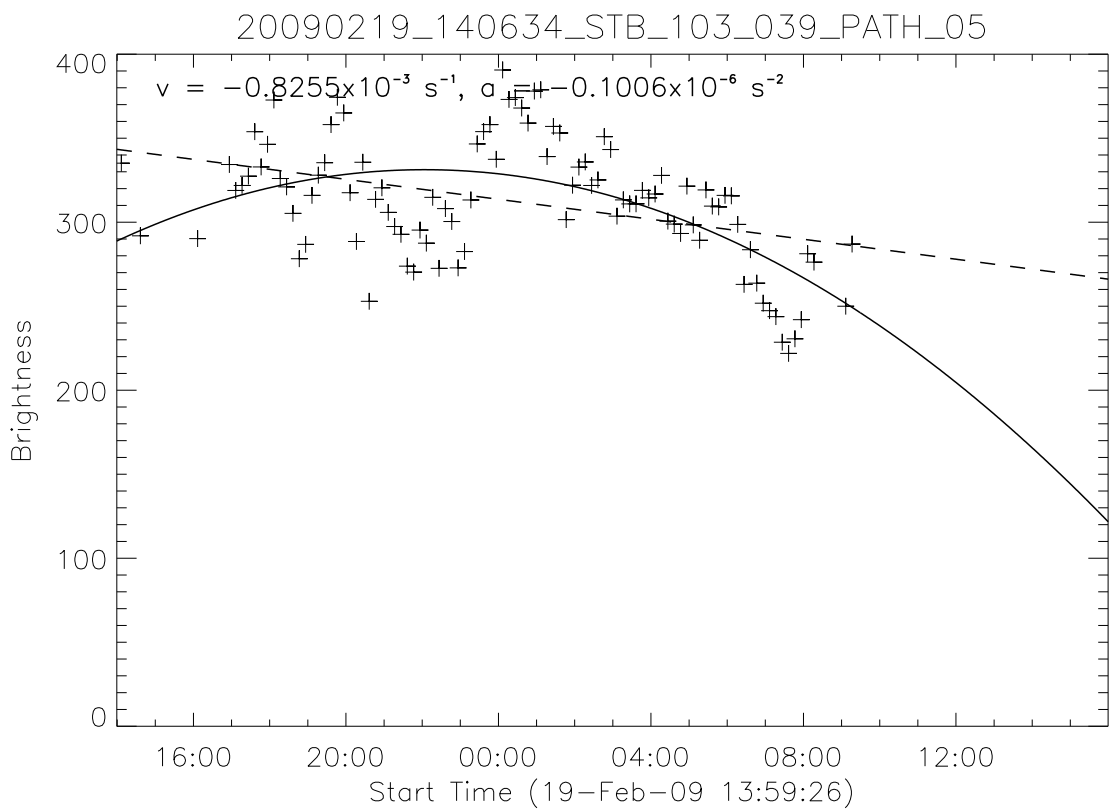

20090219_140634_STB_103_039_PATH_05
v = 0.0564 km/s, a = −0.0038 m/s²
Heliocentric Distance of Centroid (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
16:00
20:00
00:00
04:00
08:00
12:00
Start Time (19−Feb−09 13:59:26)


20090219_140634_STB_103_039_PATH_05
v = −0.0774 arcsec/s, a = −0.0086x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
50
45
40
35
30
16:00
20:00
00:00
04:00
08:00
12:00
Start Time (19−Feb−09 13:59:26)


20090219_140634_STB_103_039_PATH_05
v = 0.1576 km/s, a = −0.0273 m/s²
Leading Edge (Rs)
1.4
1.3
1.2
1.1
1.0
16:00
20:00
00:00
04:00
08:00
12:00
Start Time (19−Feb−09 13:59:26)


20090219_140634_STB_103_039_PATH_05
v = 34.9023x10³ km²/s, a = −1.0196 km²/s²
Area (Mm²)
4000
3000
2000
1000
16:00
20:00
00:00
04:00
08:00
12:00
Start Time (19−Feb−09 13:59:26)


20090219_140634_STB_103_039_PATH_05
v = 0.8589 km/s, a = −0.0428 m/s²
Characteristic Length (Mm)
300
250
200
150
100
50
0
16:00
20:00
00:00
04:00
08:00
12:00
Start Time (19−Feb−09 13:59:26)


20090219_140634_STB_103_039_PATH_05
v = −0.8255x10⁻³ s⁻¹, a = −0.1006x10⁻⁶ s⁻²
Brightness
400
300
200
100
0
16:00
20:00
00:00
04:00
08:00
12:00
Start Time (19−Feb−09 13:59:26)