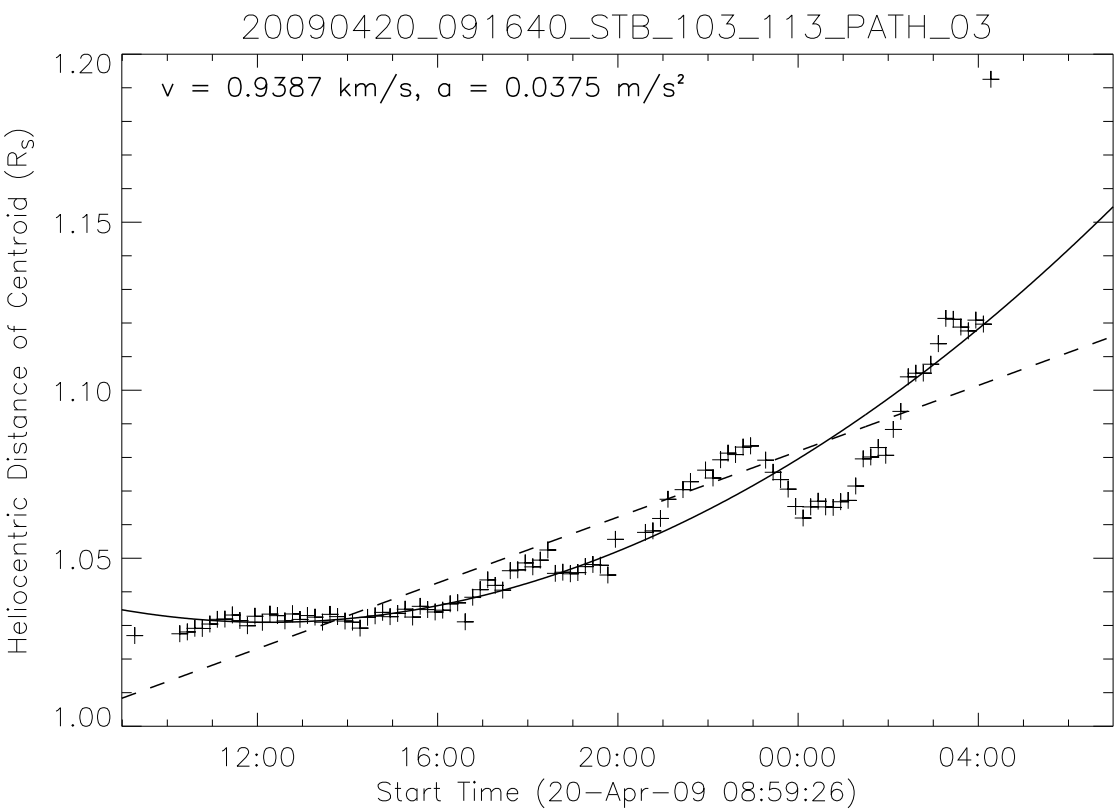
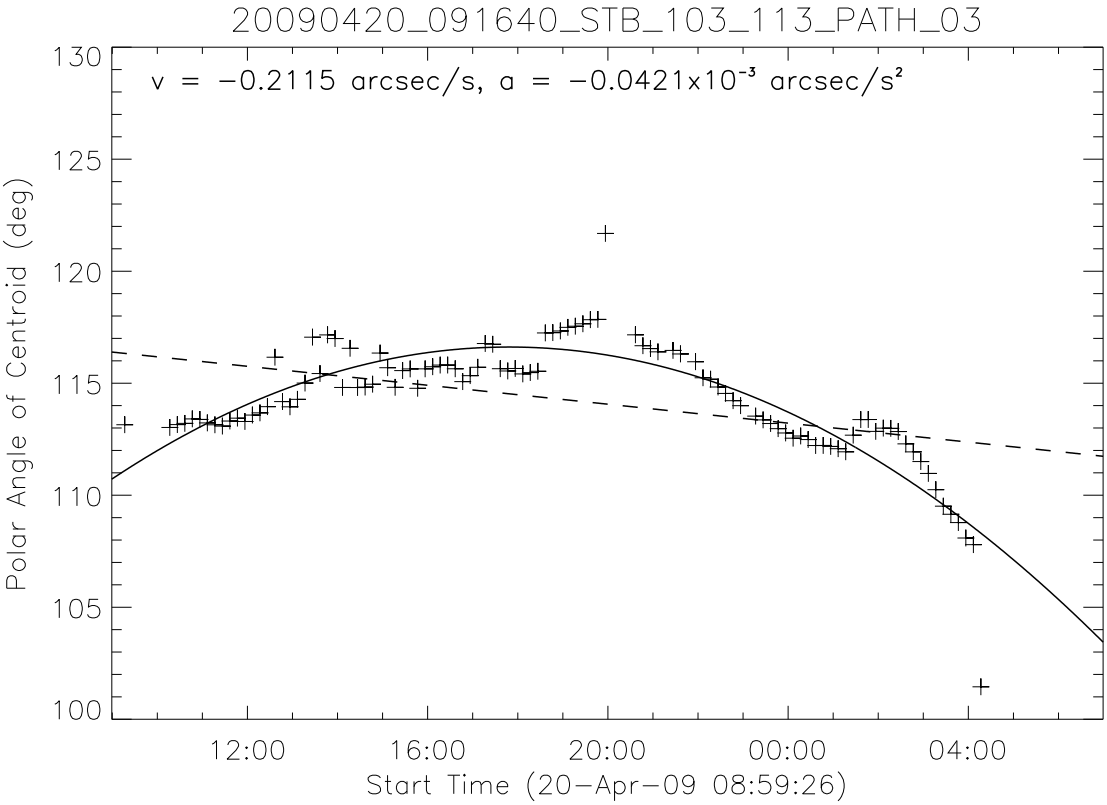
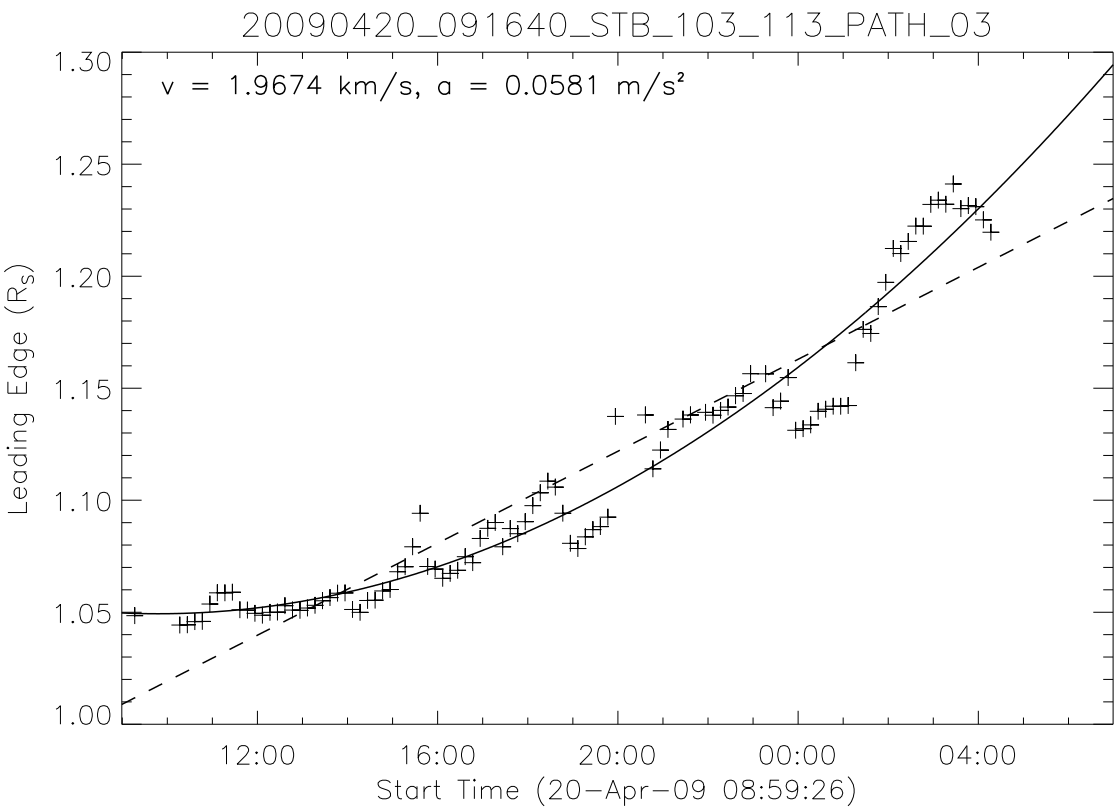
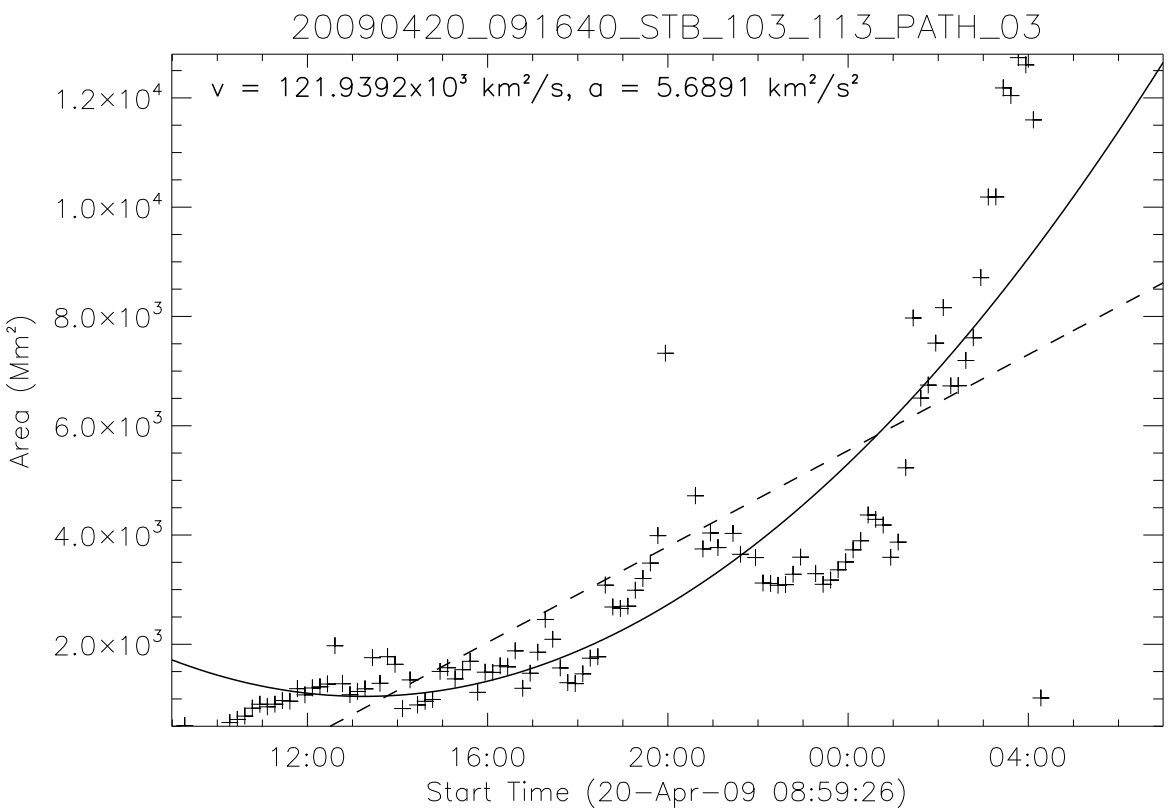
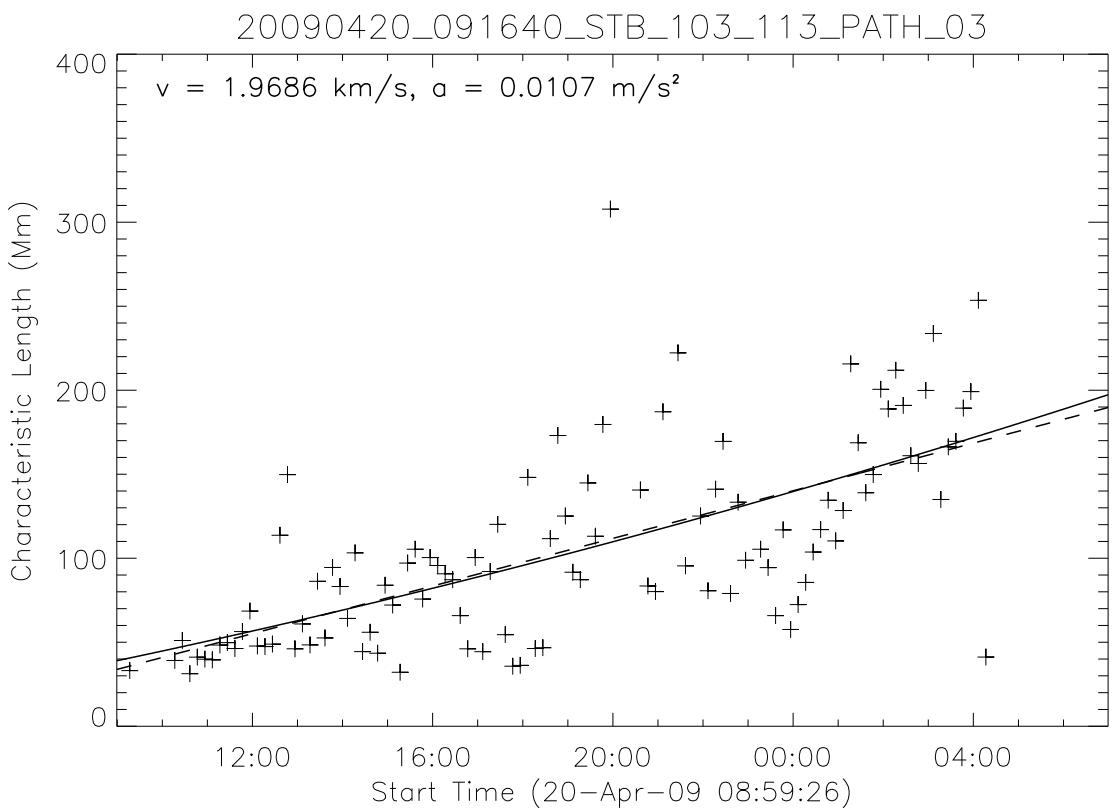
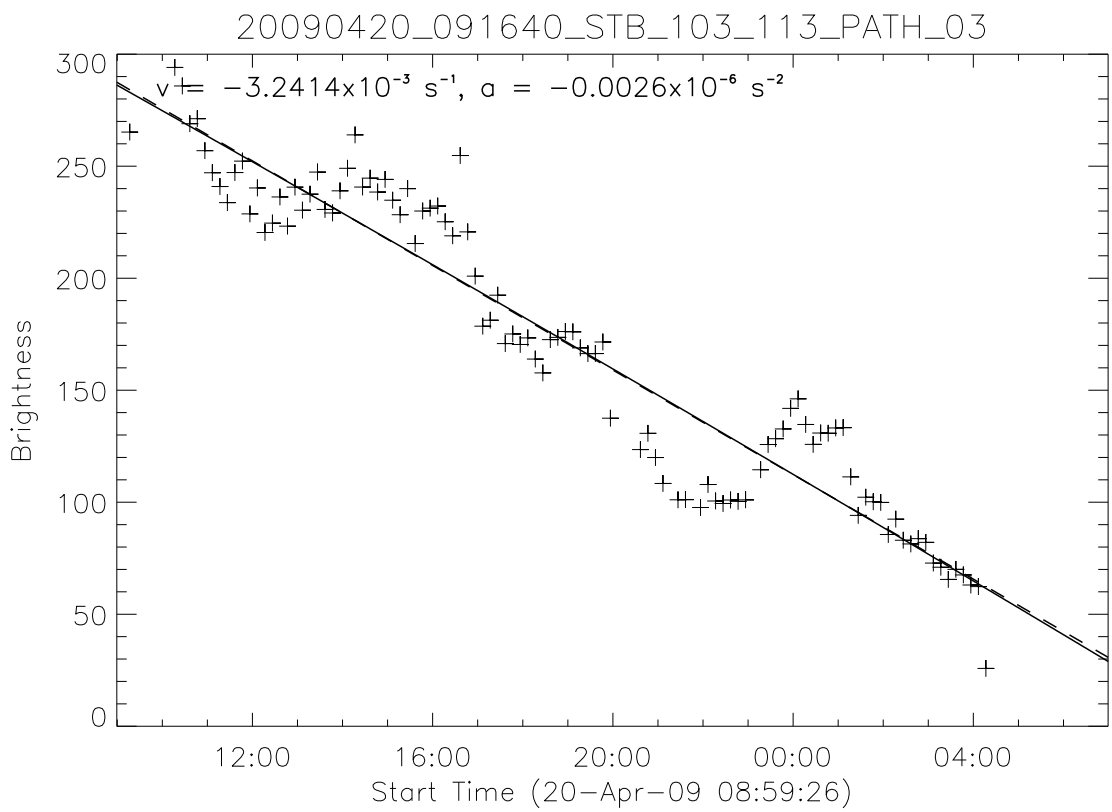

20090420_091640_STB_103_113_PATH_03
v = 0.9387 km/s, a = 0.0375 m/s²
Heliocentric Distance of Centroid (Rs)
1.20
1.15
1.10
1.05
1.00
12:00
16:00
20:00
00:00
04:00
Start Time (20−Apr−09 08:59:26)


20090420_091640_STB_103_113_PATH_03
v = −0.2115 arcsec/s, a = −0.0421x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
130
125
120
115
110
105
100
12:00
16:00
20:00
00:00
04:00
Start Time (20−Apr−09 08:59:26)


20090420_091640_STB_103_113_PATH_03
v = 1.9674 km/s, a = 0.0581 m/s²
Leading Edge (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
12:00
16:00
20:00
00:00
04:00
Start Time (20−Apr−09 08:59:26)


20090420_091640_STB_103_113_PATH_03
v = 121.9392x10³ km²/s, a = 5.6891 km²/s²
1.2×10⁴
1.0×10⁴
8.0×10³
6.0×10³
4.0×10³
2.0×10³
Area (Mm²)
12:00
16:00
20:00
00:00
04:00
Start Time (20−Apr−09 08:59:26)


20090420_091640_STB_103_113_PATH_03
v = 1.9686 km/s, a = 0.0107 m/s²
Characteristic Length (Mm)
400
300
200
100
0
12:00
16:00
20:00
00:00
04:00
Start Time (20−Apr−09 08:59:26)


20090420_091640_STB_103_113_PATH_03
v = −3.2414x10⁻³ s⁻¹, a = −0.0026x10⁻⁶ s⁻²
Brightness
300
250
200
150
100
50
0
12:00
16:00
20:00
00:00
04:00
Start Time (20−Apr−09 08:59:26)