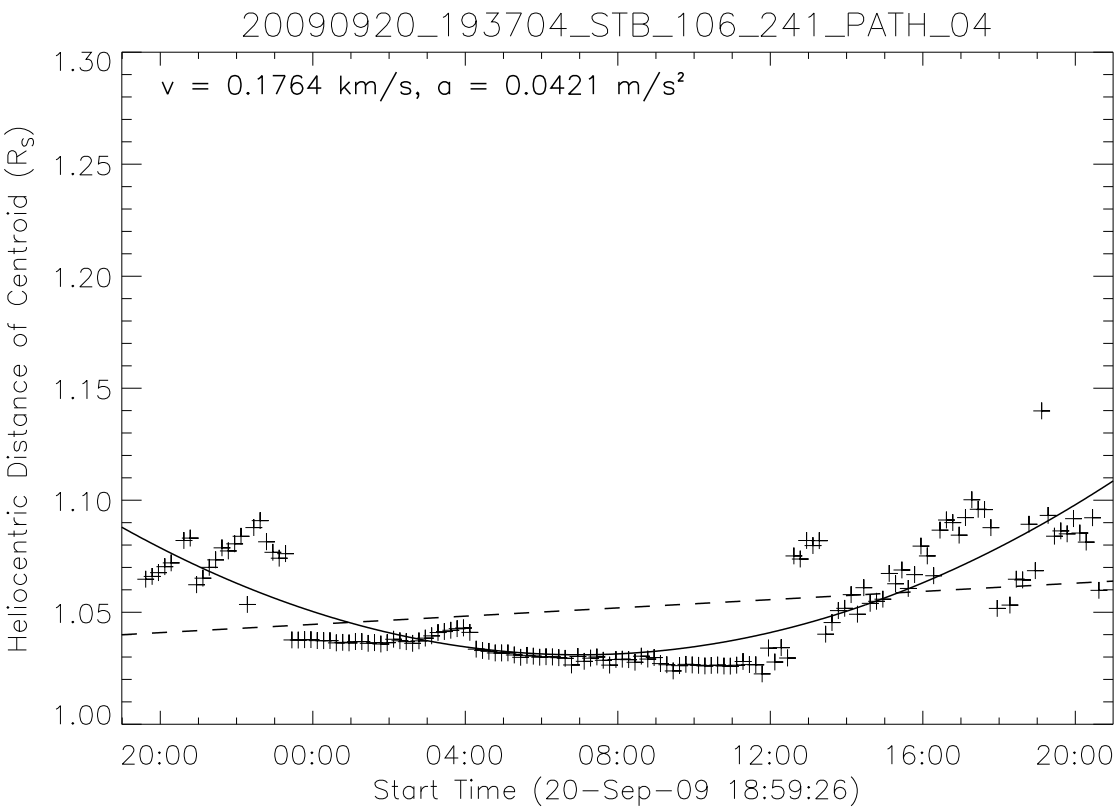
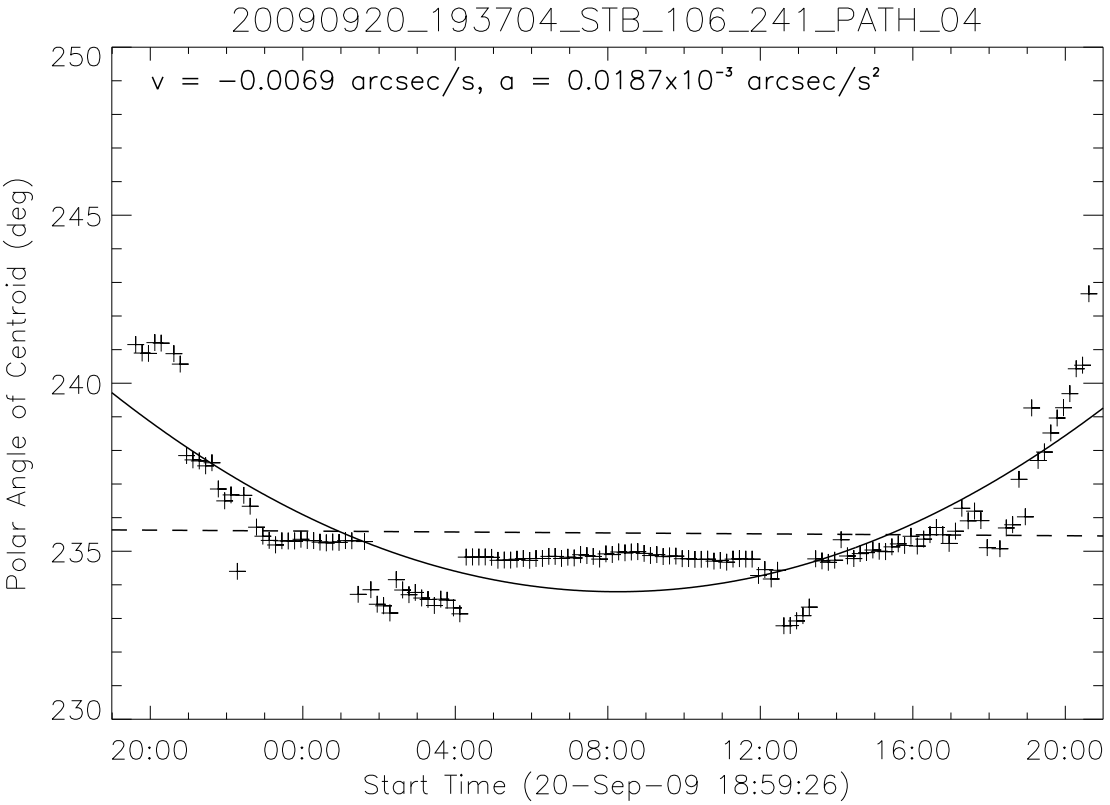
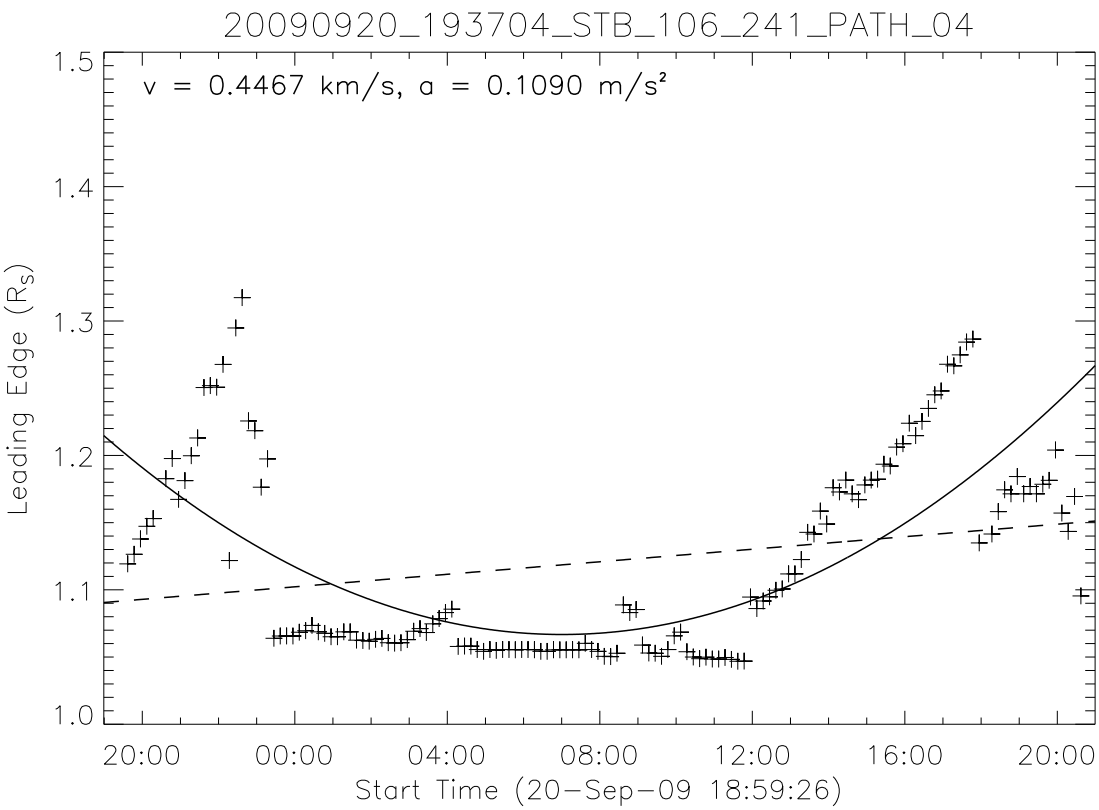
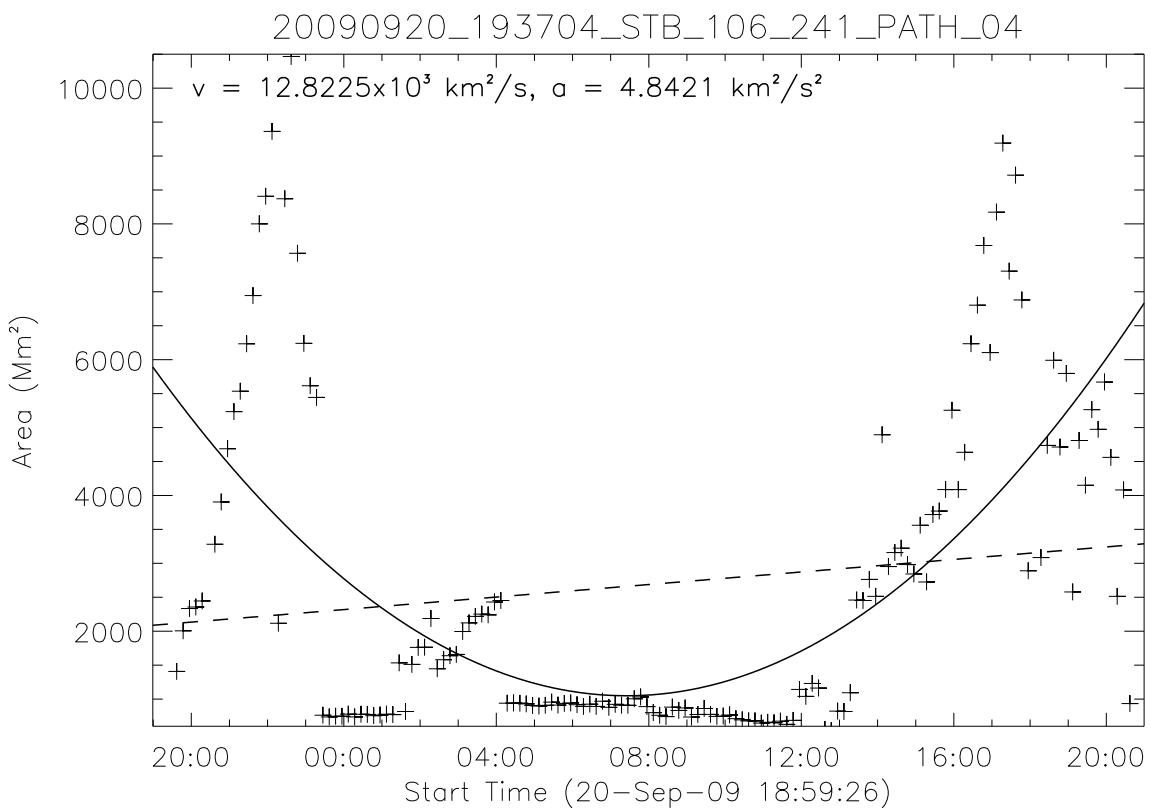
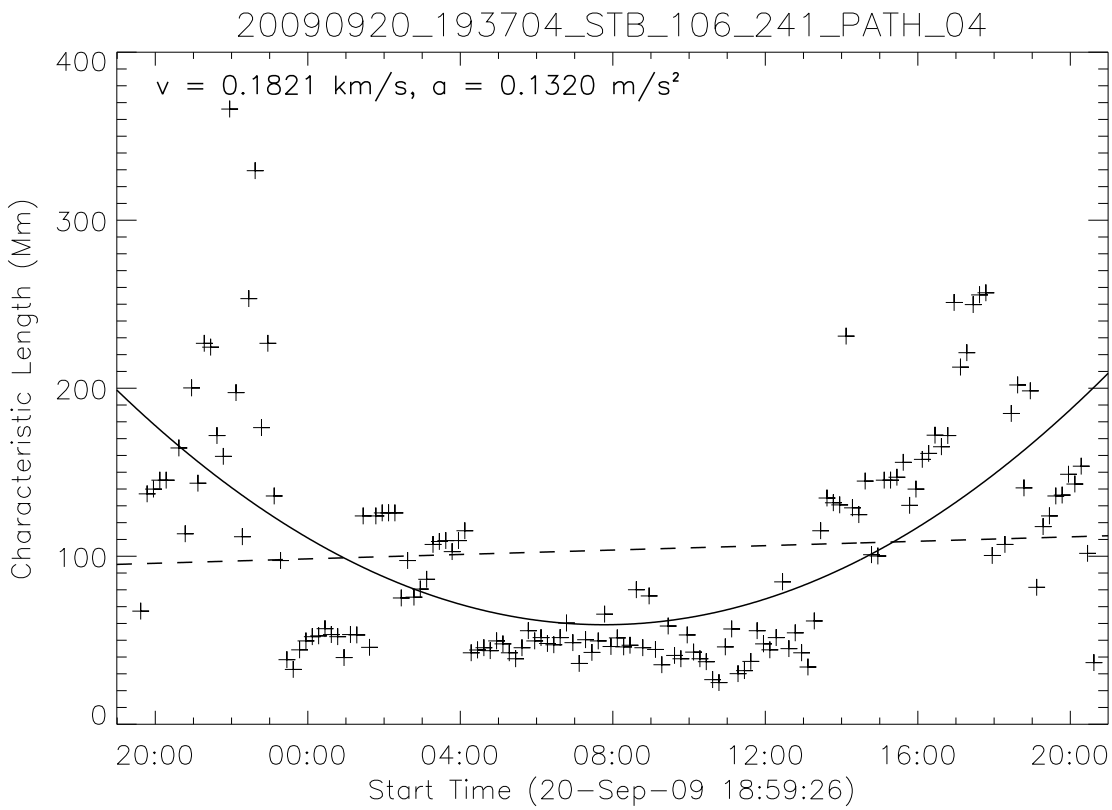
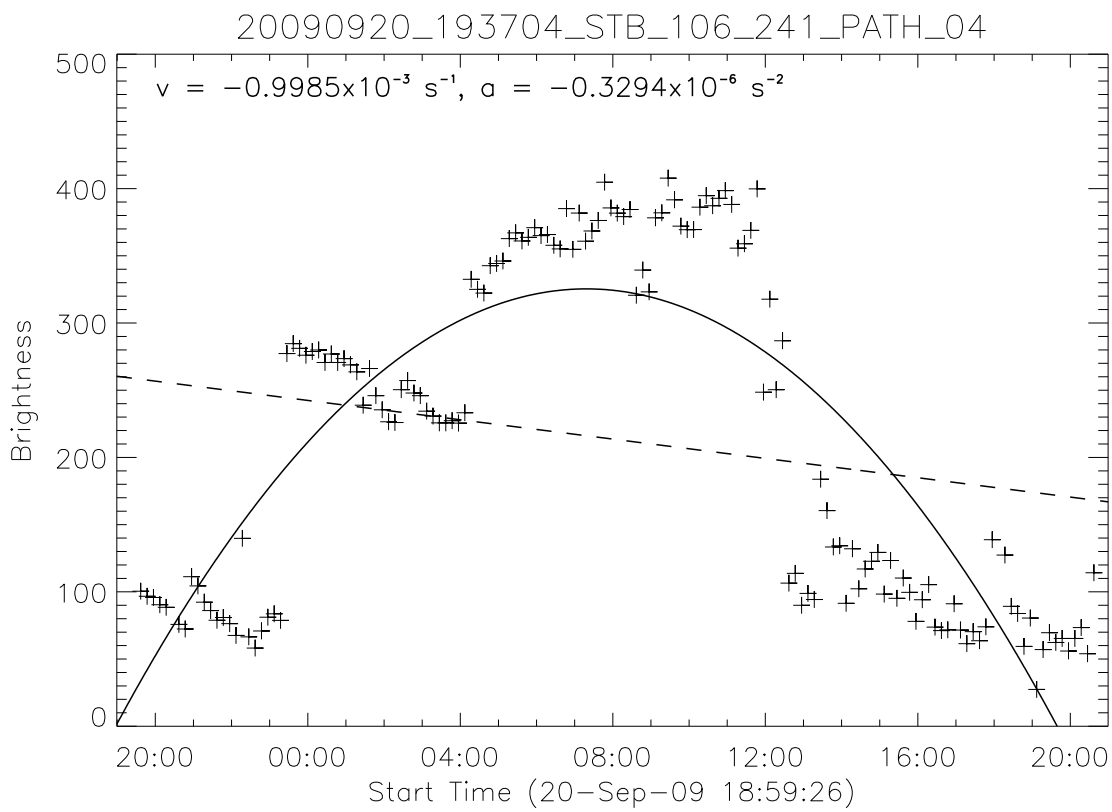

20090920_193704_STB_106_241_PATH_04
v = 0.1764 km/s, a = 0.0421 m/s²
Heliocentric Distance of Centroid (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
20:00
00:00
04:00
08:00
12:00
16:00
20:00
Start Time (20−Sep−09 18:59:26)


20090920_193704_STB_106_241_PATH_04
v = −0.0069 arcsec/s, a = 0.0187x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
250
245
240
235
230
20:00
00:00
04:00
08:00
12:00
16:00
20:00
Start Time (20−Sep−09 18:59:26)


20090920_193704_STB_106_241_PATH_04
v = 0.4467 km/s, a = 0.1090 m/s²
Leading Edge (Rs)
1.5
1.4
1.3
1.2
1.1
1.0
20:00
00:00
04:00
08:00
12:00
16:00
20:00
Start Time (20−Sep−09 18:59:26)


20090920_193704_STB_106_241_PATH_04
v = 12.8225x10³ km²/s, a = 4.8421 km²/s²
Area (Mm²)
10000
8000
6000
4000
2000
20:00
00:00
04:00
08:00
12:00
16:00
20:00
Start Time (20−Sep−09 18:59:26)


20090920_193704_STB_106_241_PATH_04
v = 0.1821 km/s, a = 0.1320 m/s²
Characteristic Length (Mm)
400
300
200
100
0
20:00
00:00
04:00
08:00
12:00
16:00
20:00
Start Time (20−Sep−09 18:59:26)


20090920_193704_STB_106_241_PATH_04
v = −0.9985x10⁻³ s⁻¹, a = −0.3294x10⁻⁶ s⁻²
Brightness
500
400
300
200
100
0
20:00
00:00
04:00
08:00
12:00
16:00
20:00
Start Time (20−Sep−09 18:59:26)