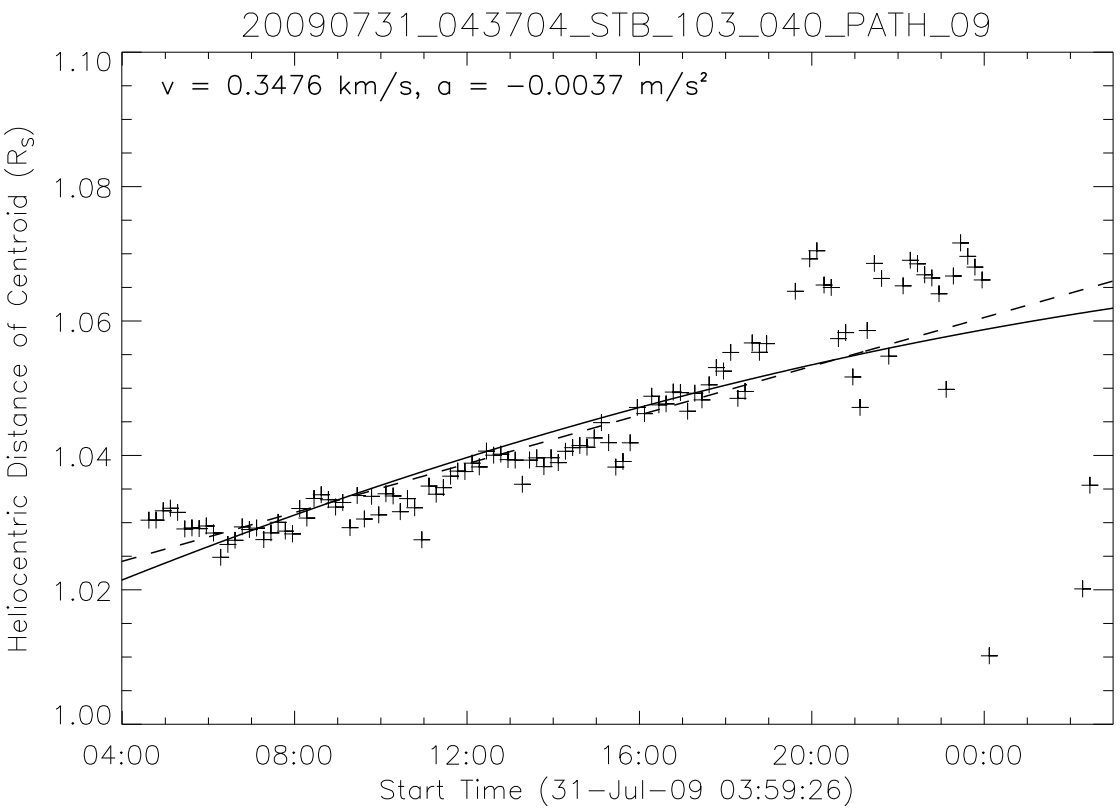
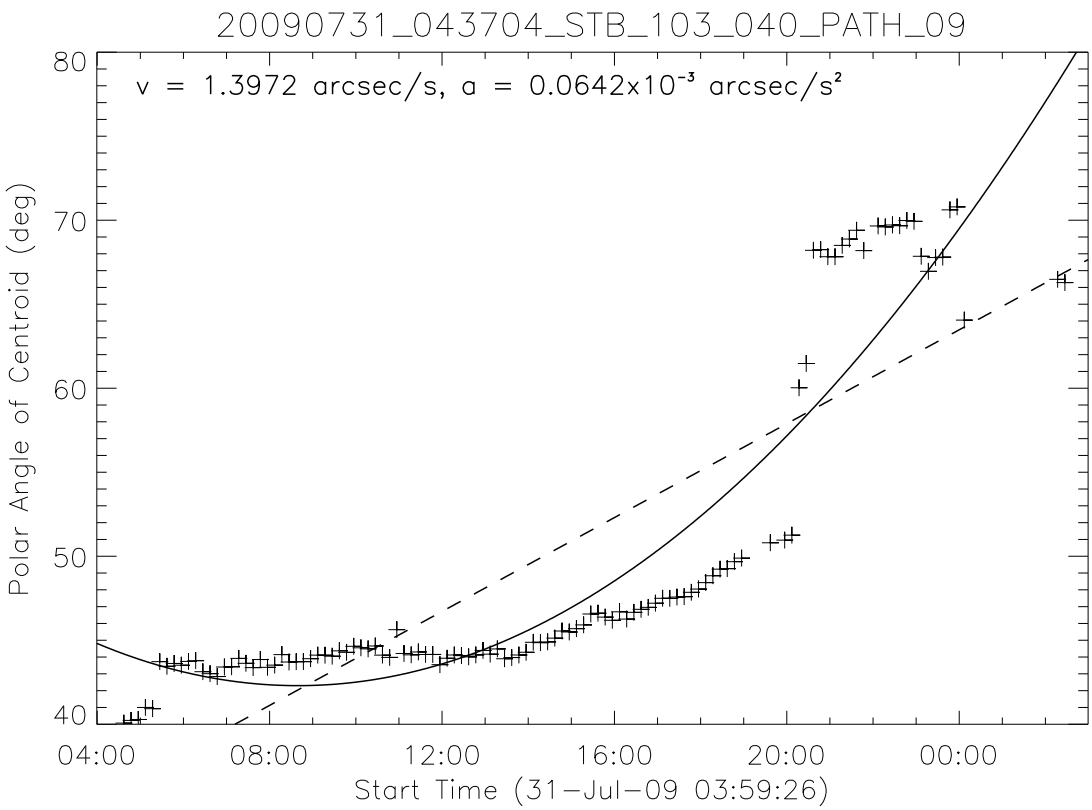
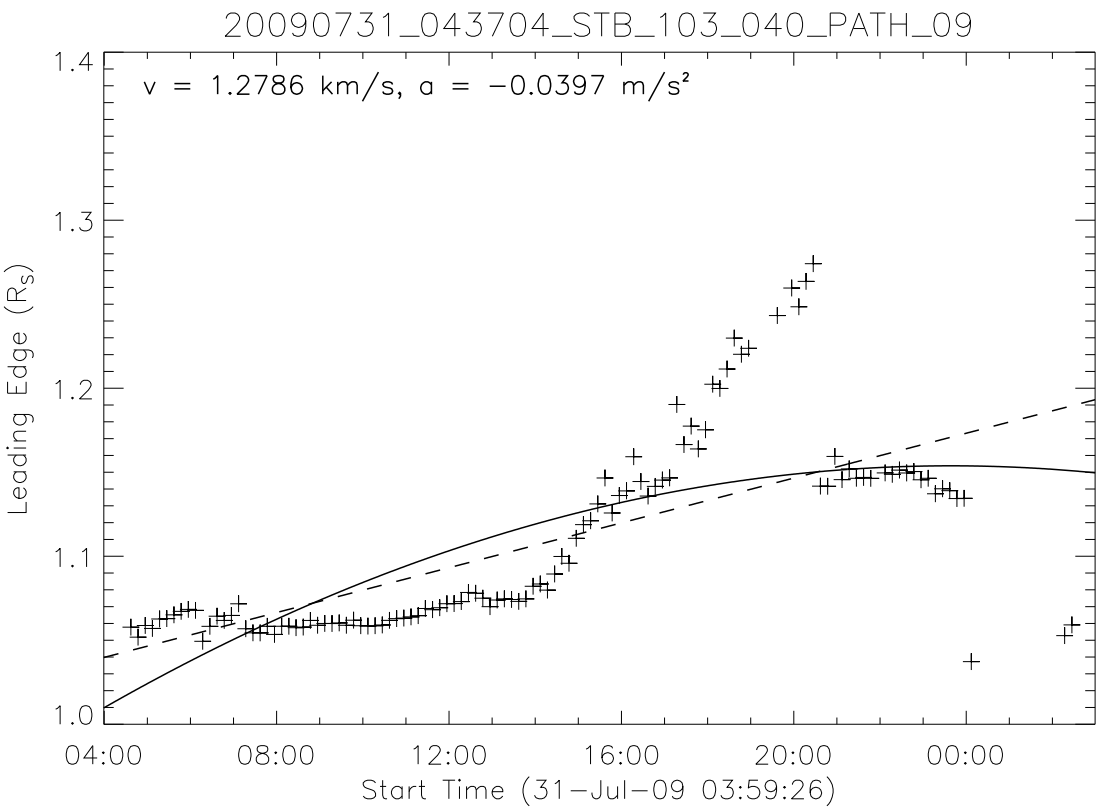
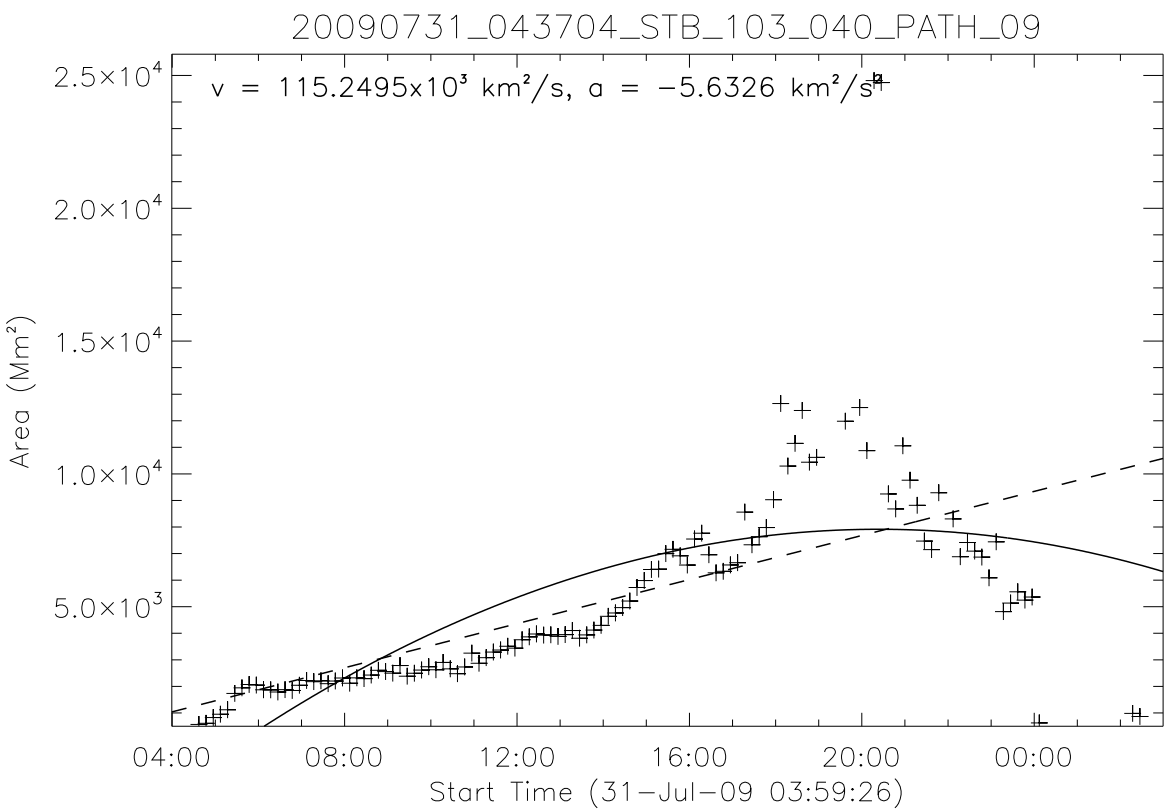
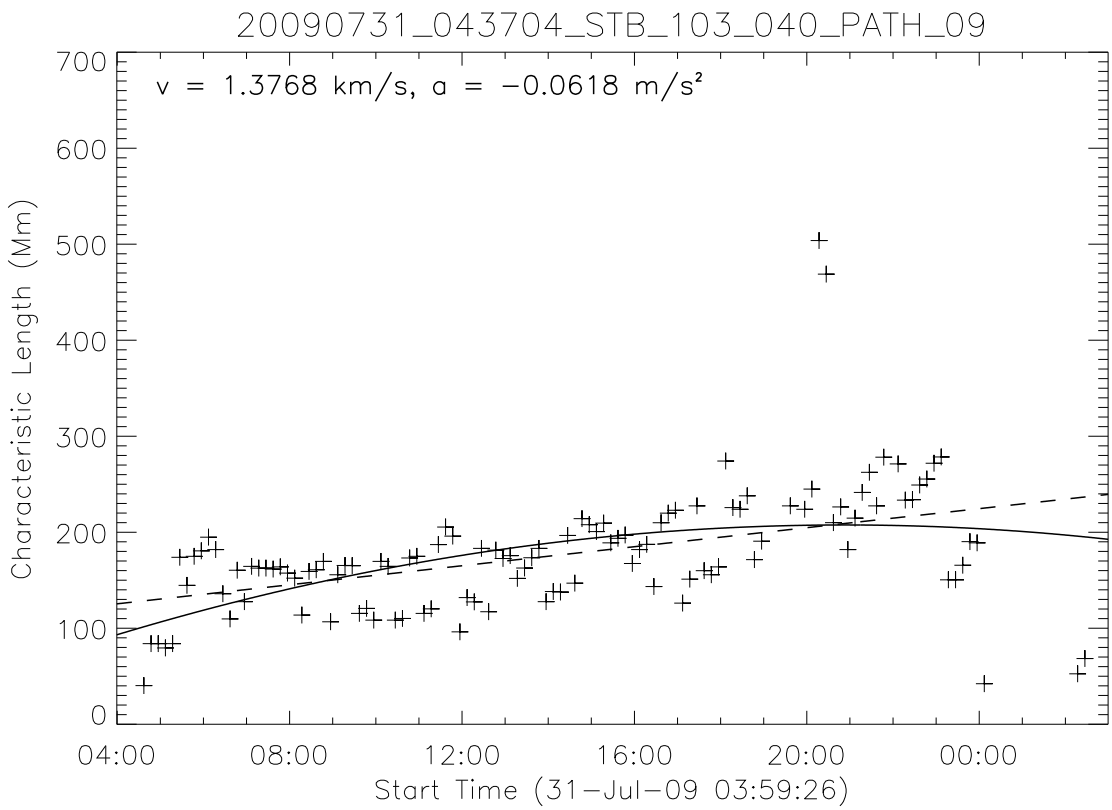
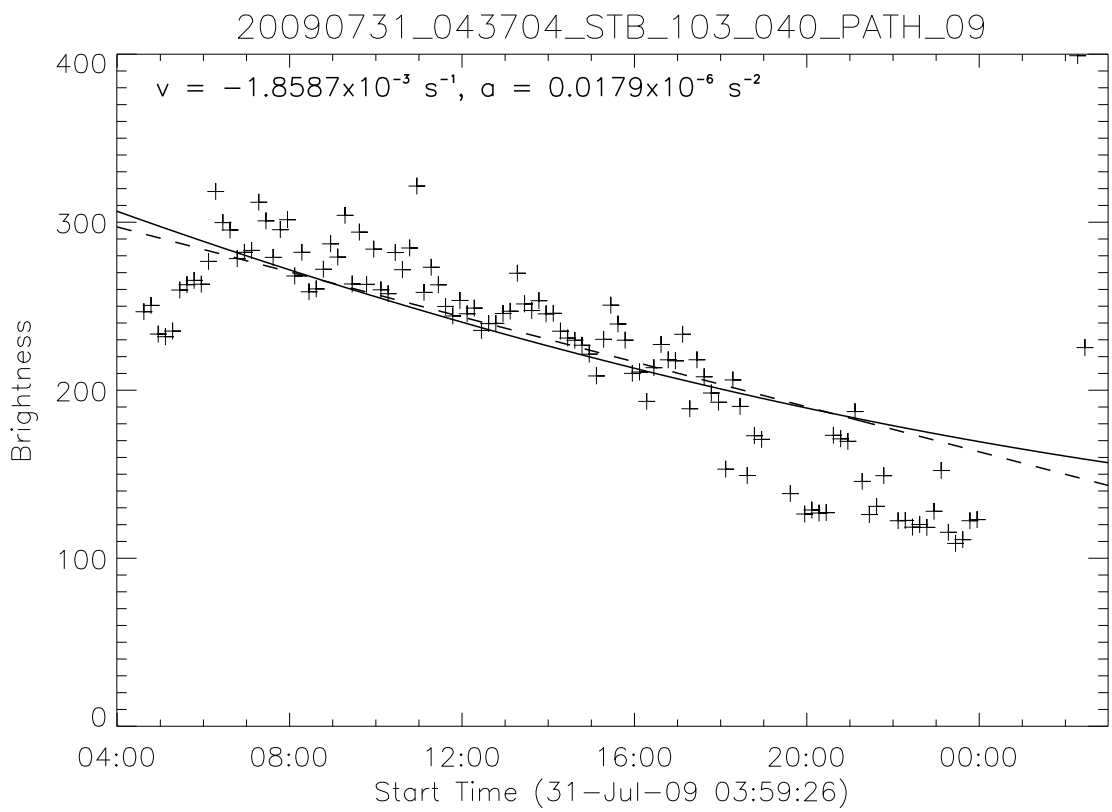

20090731_043704_STB_103_040_PATH_09
v = 0.3476 km/s, a = −0.0037 m/s²
Heliocentric Distance of Centroid (Rs)
1.10
1.08
1.06
1.04
1.02
1.00
04:00
08:00
12:00
16:00
20:00
00:00
Start Time (31−Jul−09 03:59:26)


20090731_043704_STB_103_040_PATH_09
v = 1.3972 arcsec/s, a = 0.0642x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
80
70
60
50
40
04:00
08:00
12:00
16:00
20:00
00:00
Start Time (31−Jul−09 03:59:26)


20090731_043704_STB_103_040_PATH_09
v = 1.2786 km/s, a = −0.0397 m/s²
Leading Edge (Rs)
1.4
1.3
1.2
1.1
1.0
04:00
08:00
12:00
16:00
20:00
00:00
Start Time (31−Jul−09 03:59:26)


20090731_043704_STB_103_040_PATH_09
v = 115.2495x10³ km²/s, a = −5.6326 km²/s²
2.5×10⁴
2.0×10⁴
1.5×10⁴
1.0×10⁴
5.0×10³
Area (Mm²)
04:00
08:00
12:00
16:00
20:00
00:00
Start Time (31−Jul−09 03:59:26)


20090731_043704_STB_103_040_PATH_09
v = 1.3768 km/s, a = −0.0618 m/s²
Characteristic Length (Mm)
700
600
500
400
300
200
100
0
04:00
08:00
12:00
16:00
20:00
00:00
Start Time (31−Jul−09 03:59:26)


20090731_043704_STB_103_040_PATH_09
v = −1.8587x10⁻³ s⁻¹, a = 0.0179x10⁻⁶ s⁻²
Brightness
400
300
200
100
0
04:00
08:00
12:00
16:00
20:00
00:00
Start Time (31−Jul−09 03:59:26)