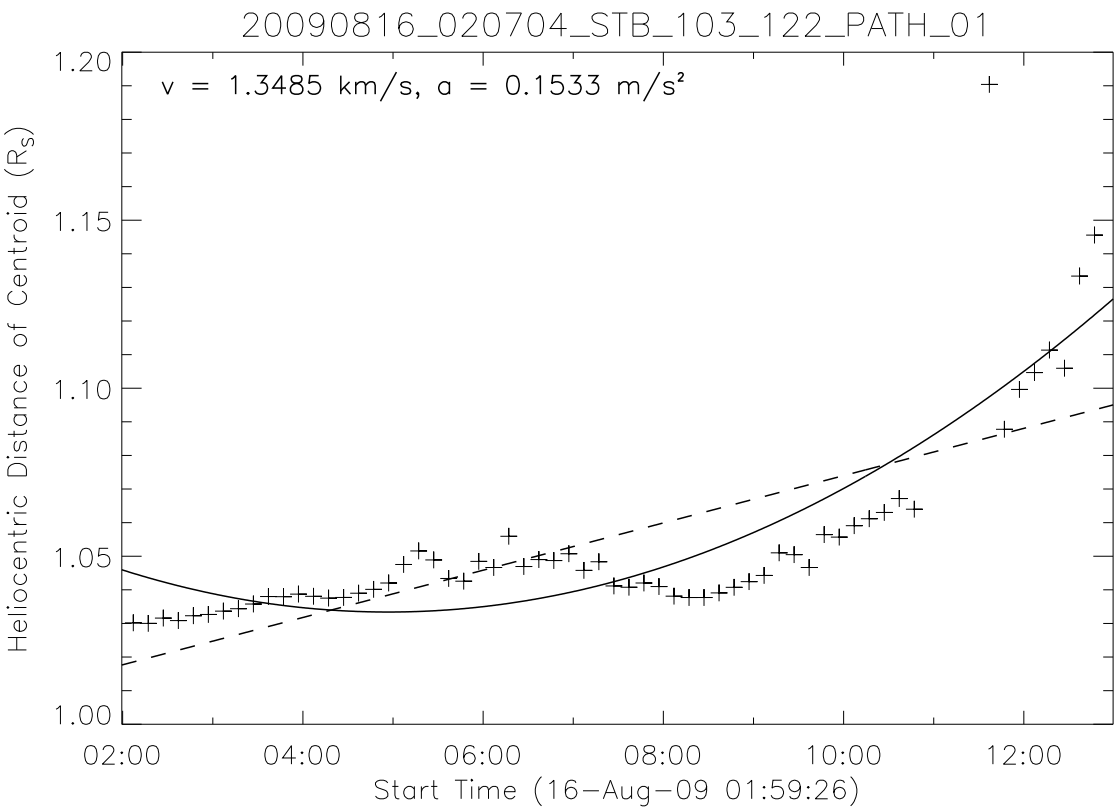
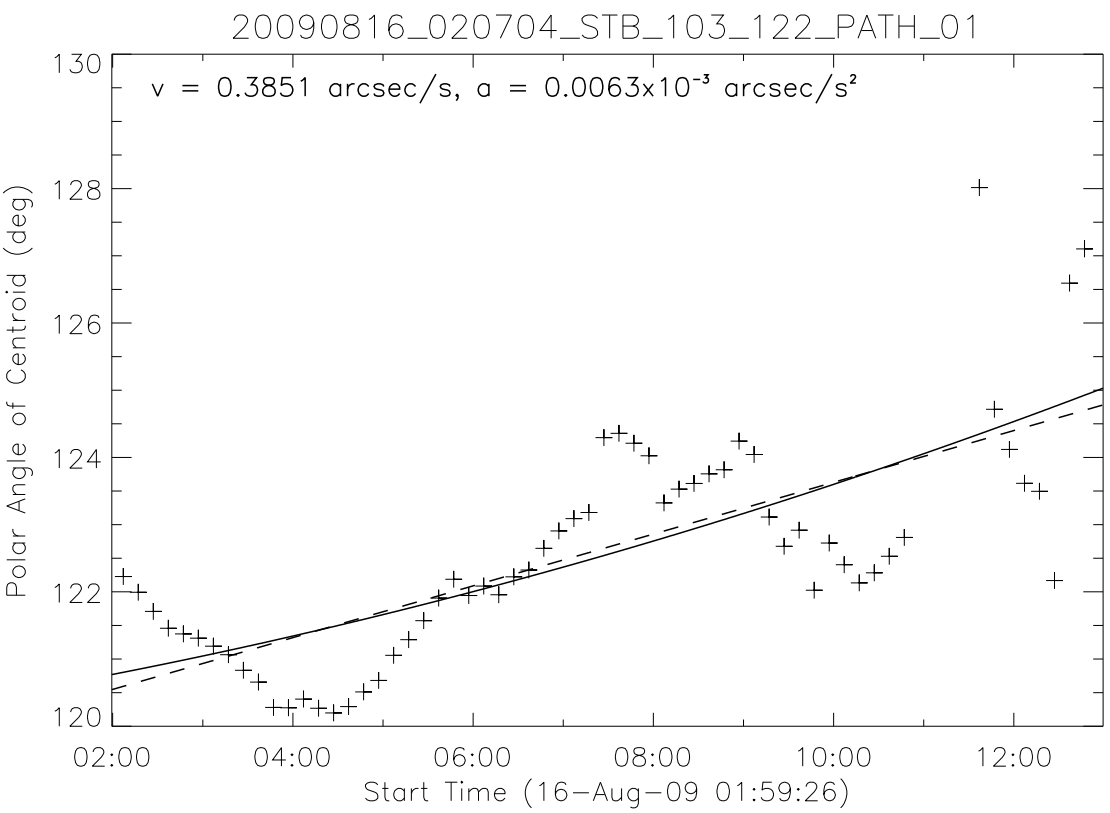
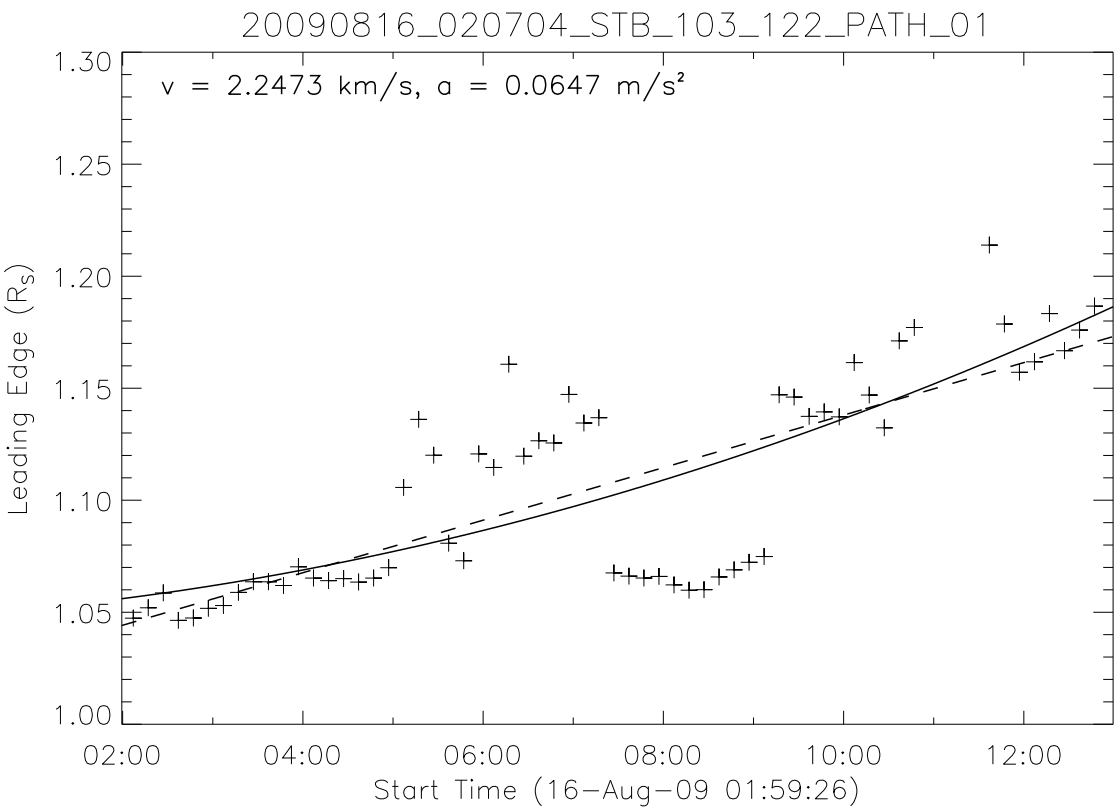
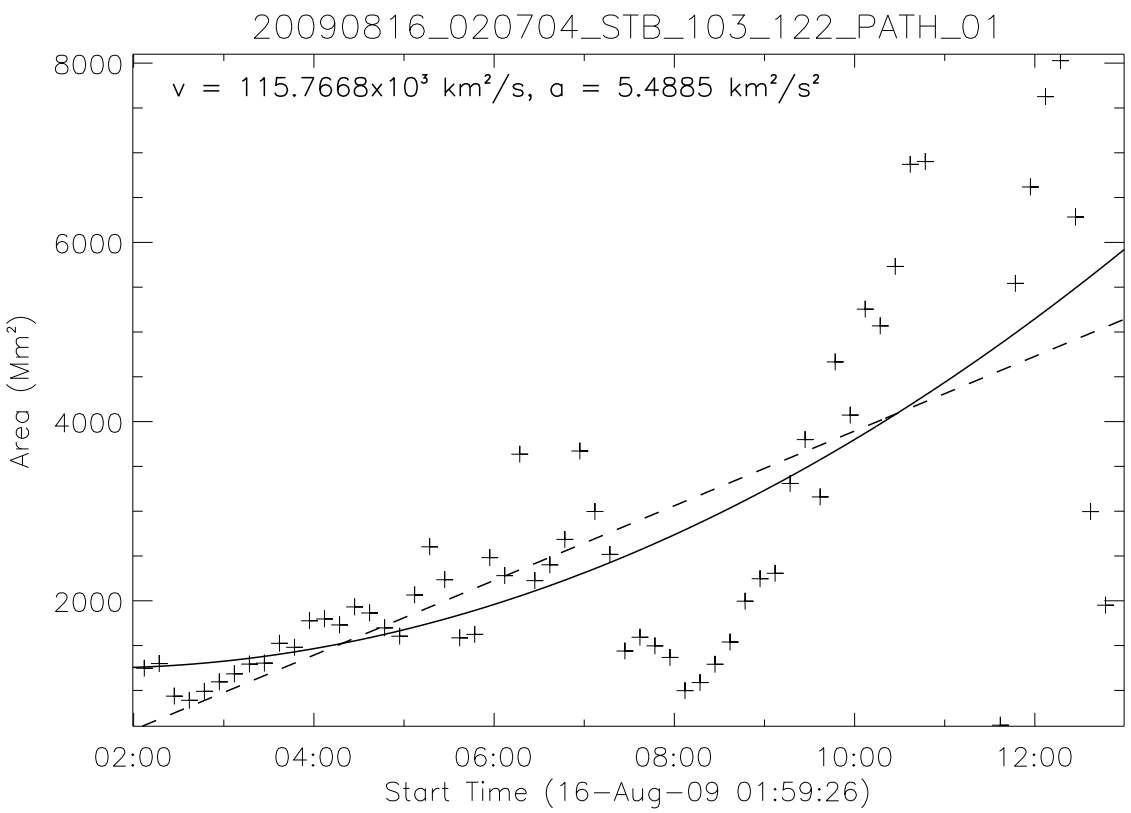
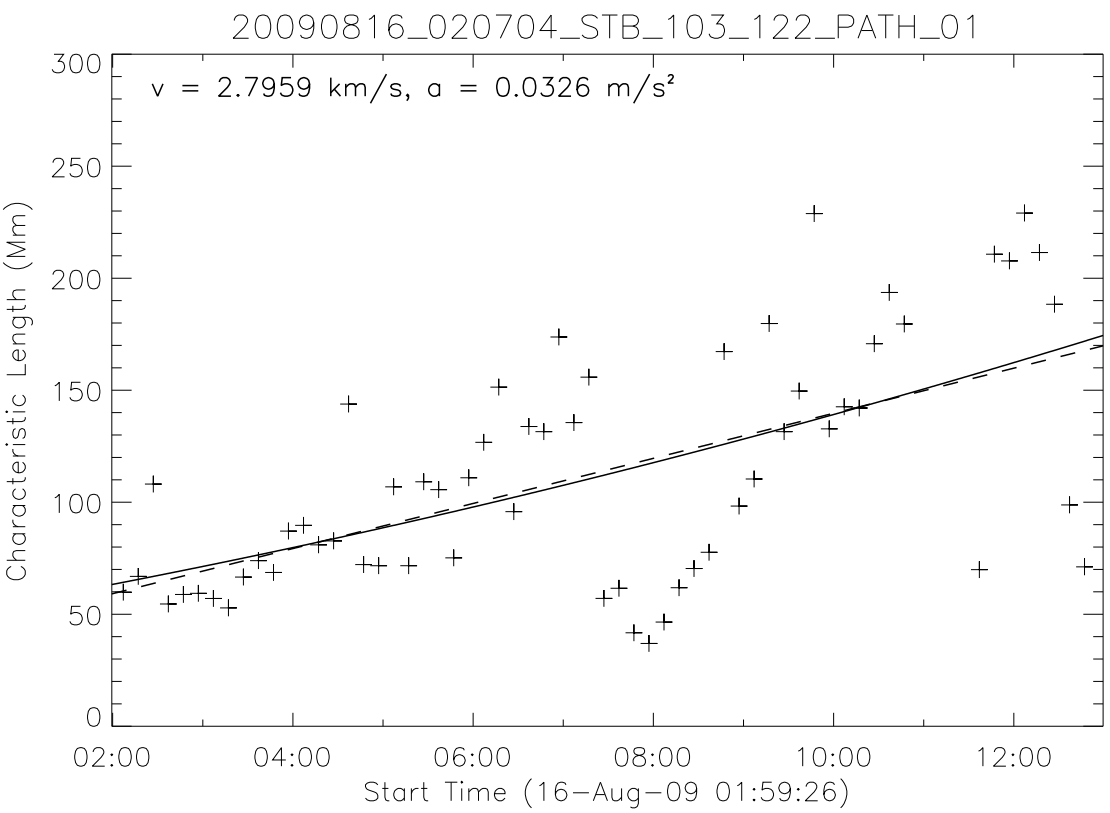
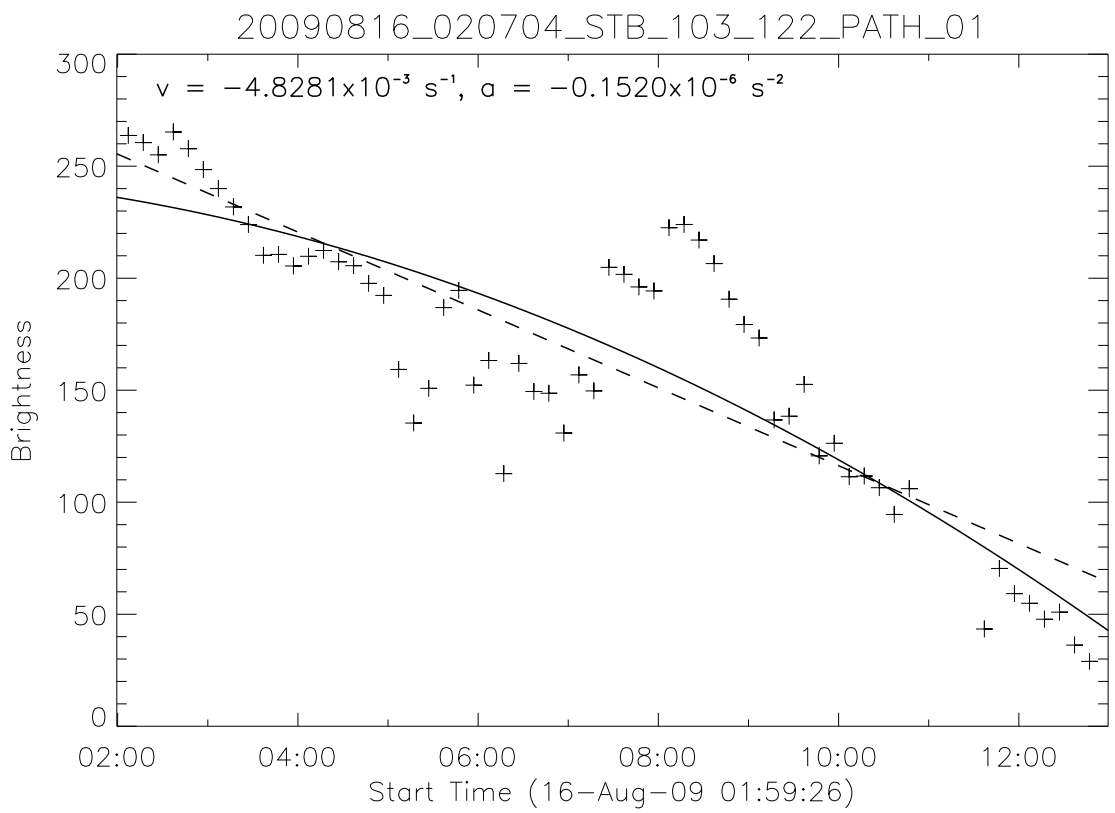

20090816_020704_STB_103_122_PATH_01
v = 1.3485 km/s, a = 0.1533 m/s²
Heliocentric Distance of Centroid (Rs)
1.20
1.15
1.10
1.05
1.00
02:00
04:00
06:00
08:00
10:00
12:00
Start Time (16-Aug-09 01:59:26)


20090816_020704_STB_103_122_PATH_01
v = 0.3851 arcsec/s, a = 0.0063x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
130
128
126
124
122
120
02:00
04:00
06:00
08:00
10:00
12:00
Start Time (16-Aug-09 01:59:26)


20090816_020704_STB_103_122_PATH_01
v = 2.2473 km/s, a = 0.0647 m/s²
Leading Edge (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
02:00
04:00
06:00
08:00
10:00
12:00
Start Time (16-Aug-09 01:59:26)


20090816_020704_STB_103_122_PATH_01
v = 115.7668x10³ km²/s, a = 5.4885 km²/s²
8000
6000
4000
2000
Area (Mm²)
02:00
04:00
06:00
08:00
10:00
12:00
Start Time (16-Aug-09 01:59:26)


20090816_020704_STB_103_122_PATH_01
v = 2.7959 km/s, a = 0.0326 m/s²
Characteristic Length (Mm)
300
250
200
150
100
50
0
02:00
04:00
06:00
08:00
10:00
12:00
Start Time (16-Aug-09 01:59:26)


20090816_020704_STB_103_122_PATH_01
v = −4.8281x10⁻³ s⁻¹, a = −0.1520x10⁻⁶ s⁻²
Brightness
300
250
200
150
100
50
0
02:00
04:00
06:00
08:00
10:00
12:00
Start Time (16−Aug−09 01:59:26)