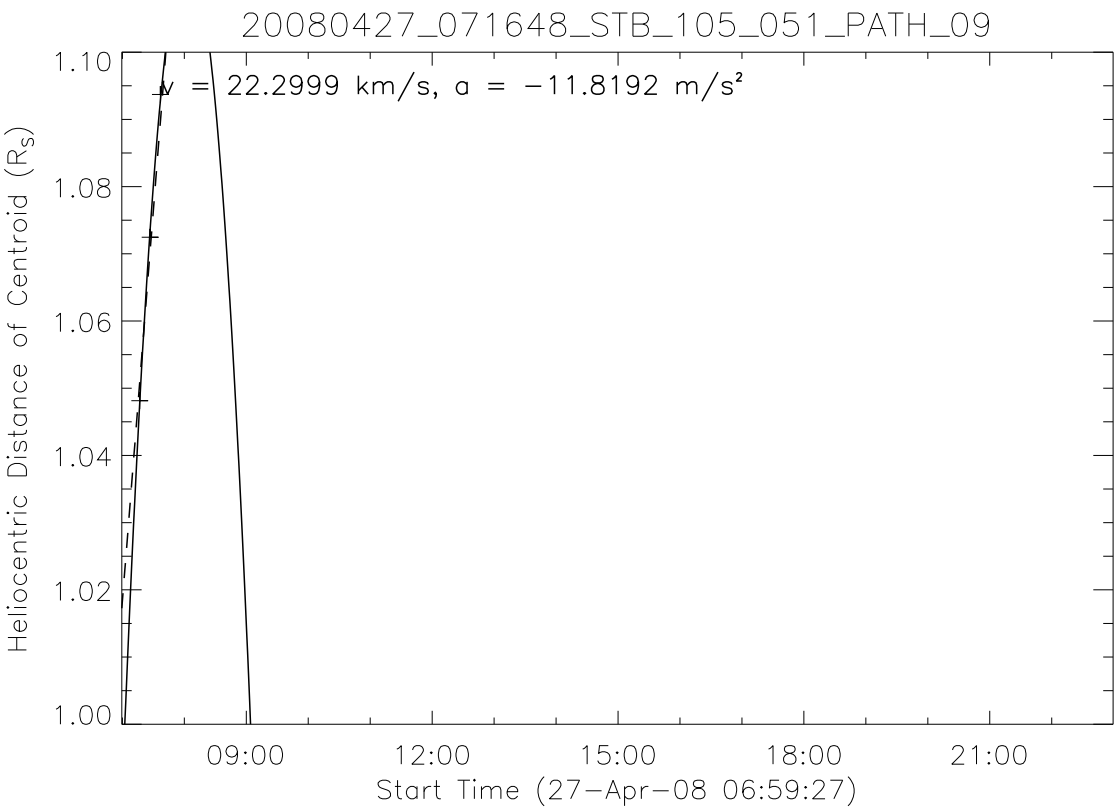
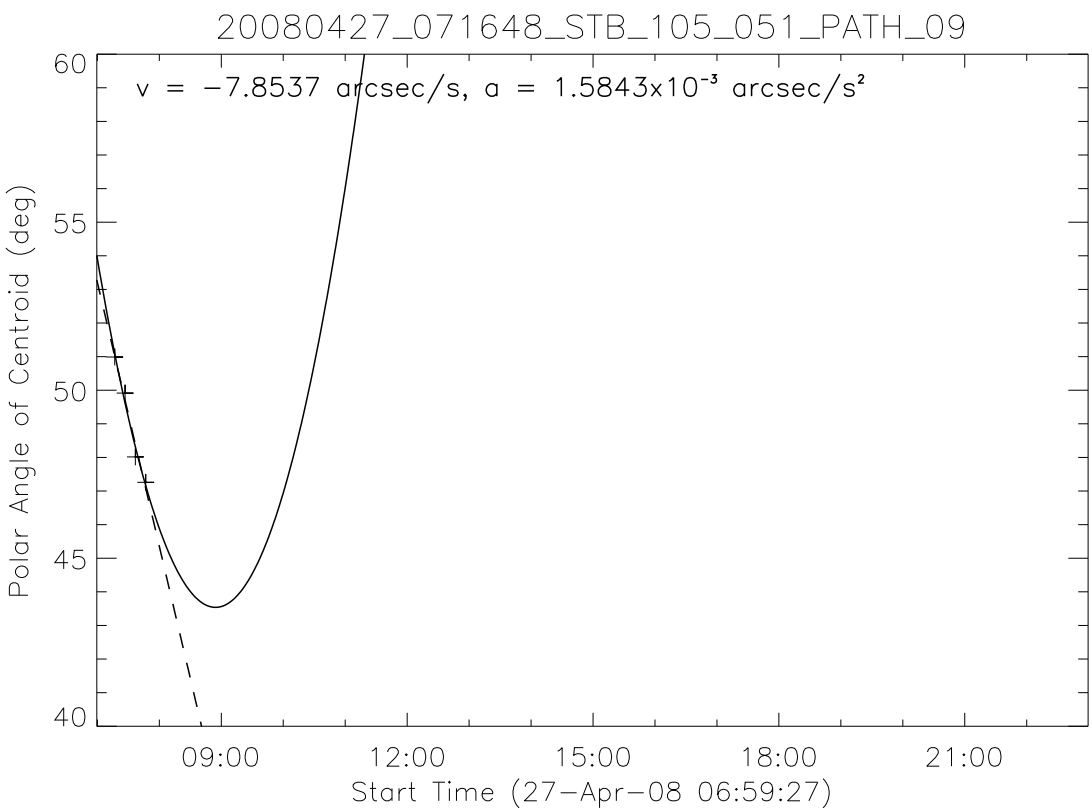
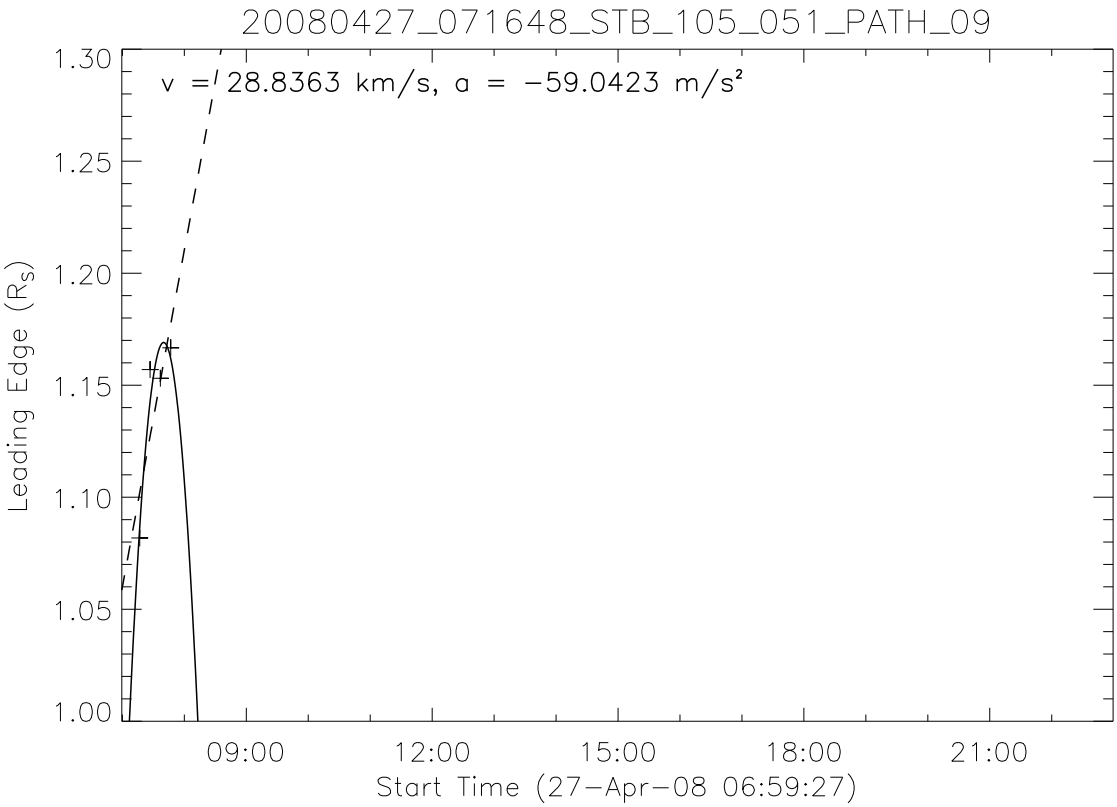
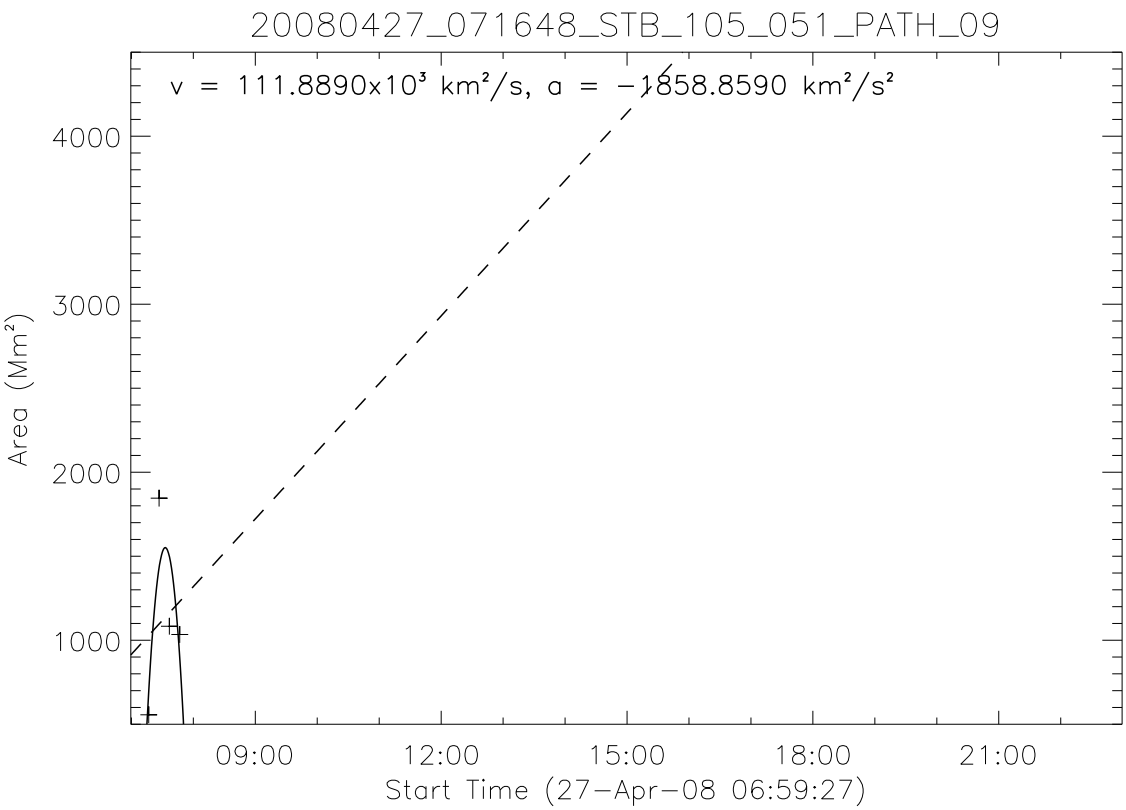
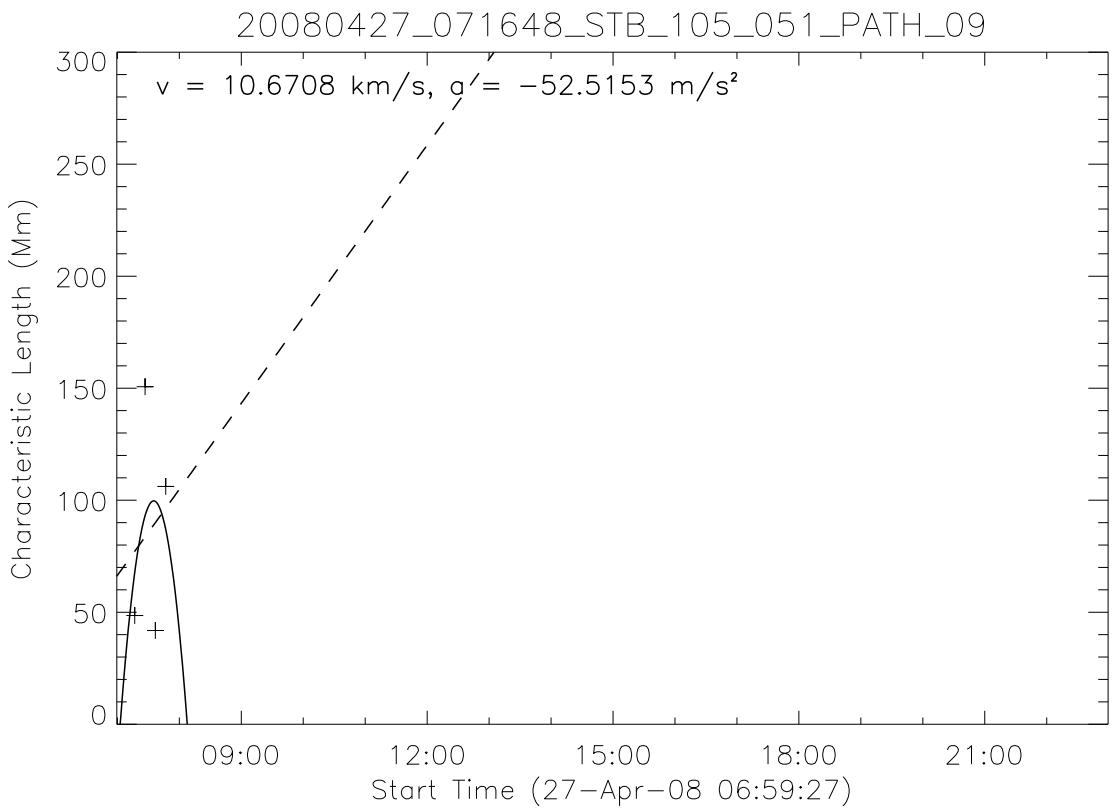
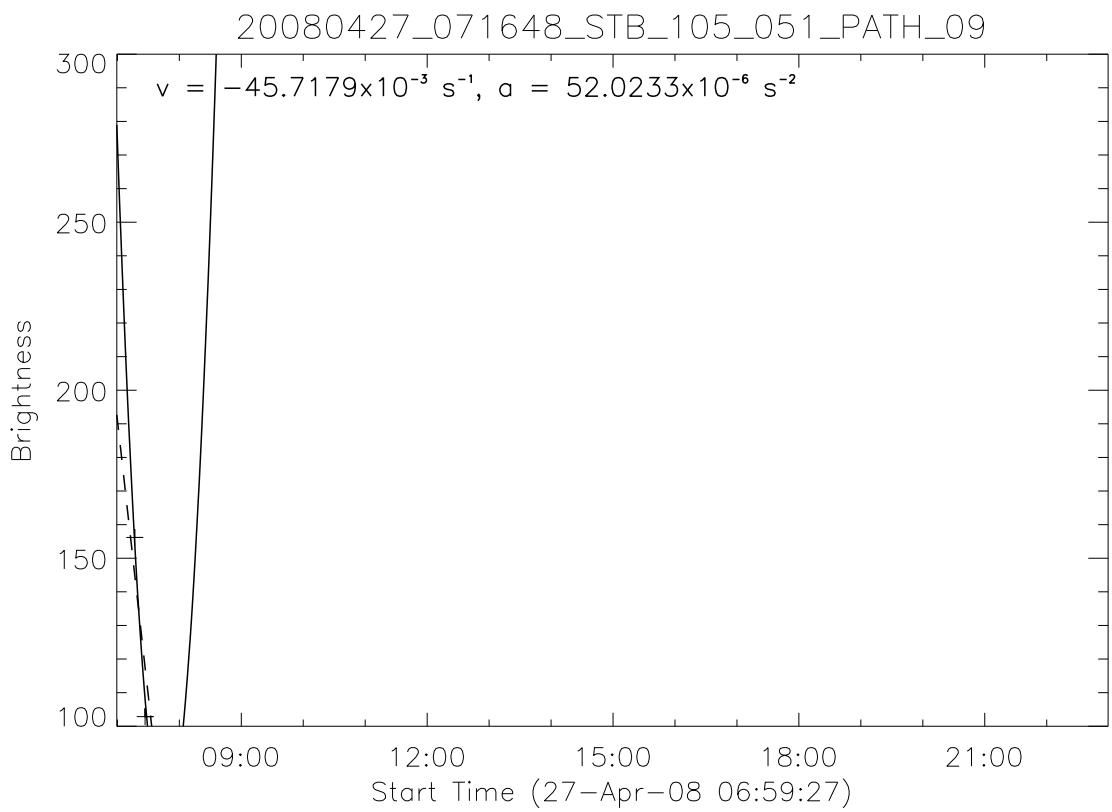

20080427_071648_STB_105_051_PATH_09
v = 22.2999 km/s, a = −11.8192 m/s²
Heliocentric Distance of Centroid (R_S)
1.10
1.08
1.06
1.04
1.02
1.00
09:00
12:00
15:00
18:00
21:00
Start Time (27−Apr−08 06:59:27)


20080427_071648_STB_105_051_PATH_09
v = −7.8537 arcsec/s, a = 1.5843x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
60
55
50
45
40
09:00
12:00
15:00
18:00
21:00
Start Time (27−Apr−08 06:59:27)


20080427_071648_STB_105_051_PATH_09
v = 28.8363 km/s, a = −59.0423 m/s²
Leading Edge (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
09:00
12:00
15:00
18:00
21:00
Start Time (27−Apr−08 06:59:27)


20080427_071648_STB_105_051_PATH_09
v = 111.8890x10³ km²/s, a = −1858.8590 km²/s²
4000
3000
2000
1000
Area (Mm²)
09:00
12:00
15:00
18:00
21:00
Start Time (27−Apr−08 06:59:27)


20080427_071648_STB_105_051_PATH_09
v = 10.6708 km/s, a = −52.5153 m/s²
Characteristic Length (Mm)
300
250
200
150
100
50
0
09:00
12:00
15:00
18:00
21:00
Start Time (27−Apr−08 06:59:27)


20080427_071648_STB_105_051_PATH_09
v = −45.7179x10⁻³ s⁻¹, a = 52.0233x10⁻⁶ s⁻²
Brightness
300
250
200
150
100
09:00
12:00
15:00
18:00
21:00
Start Time (27−Apr−08 06:59:27)