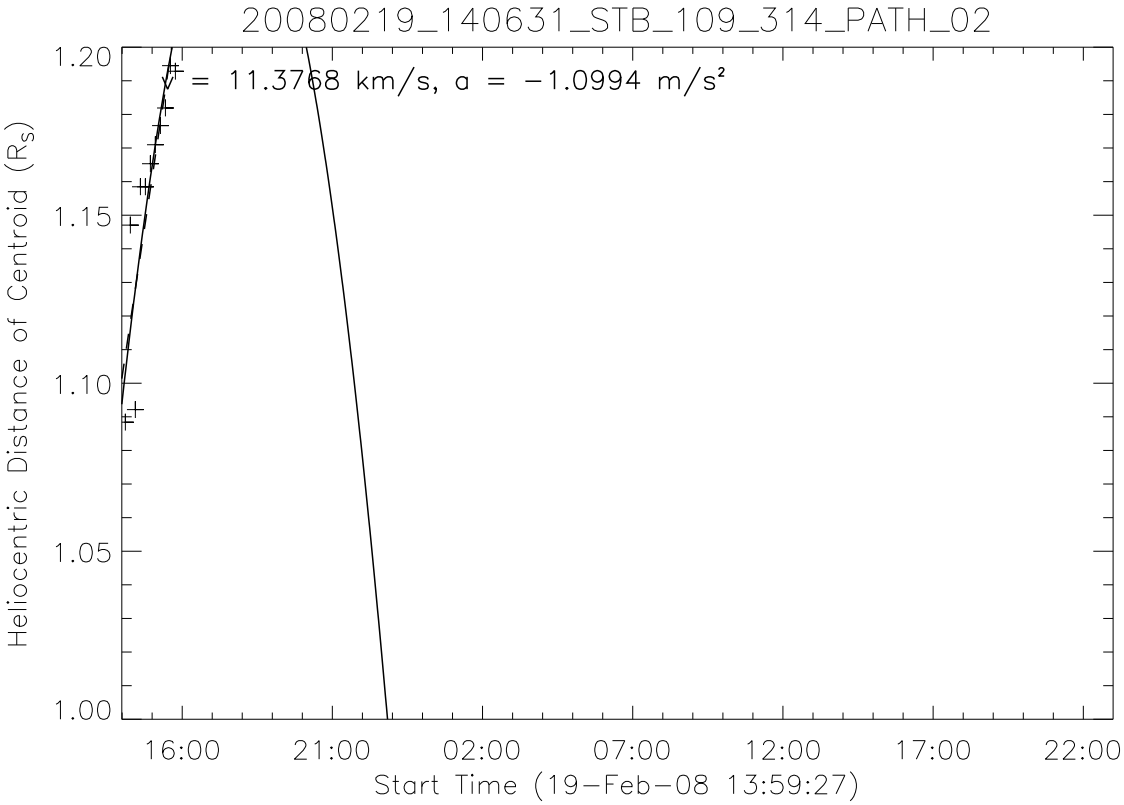
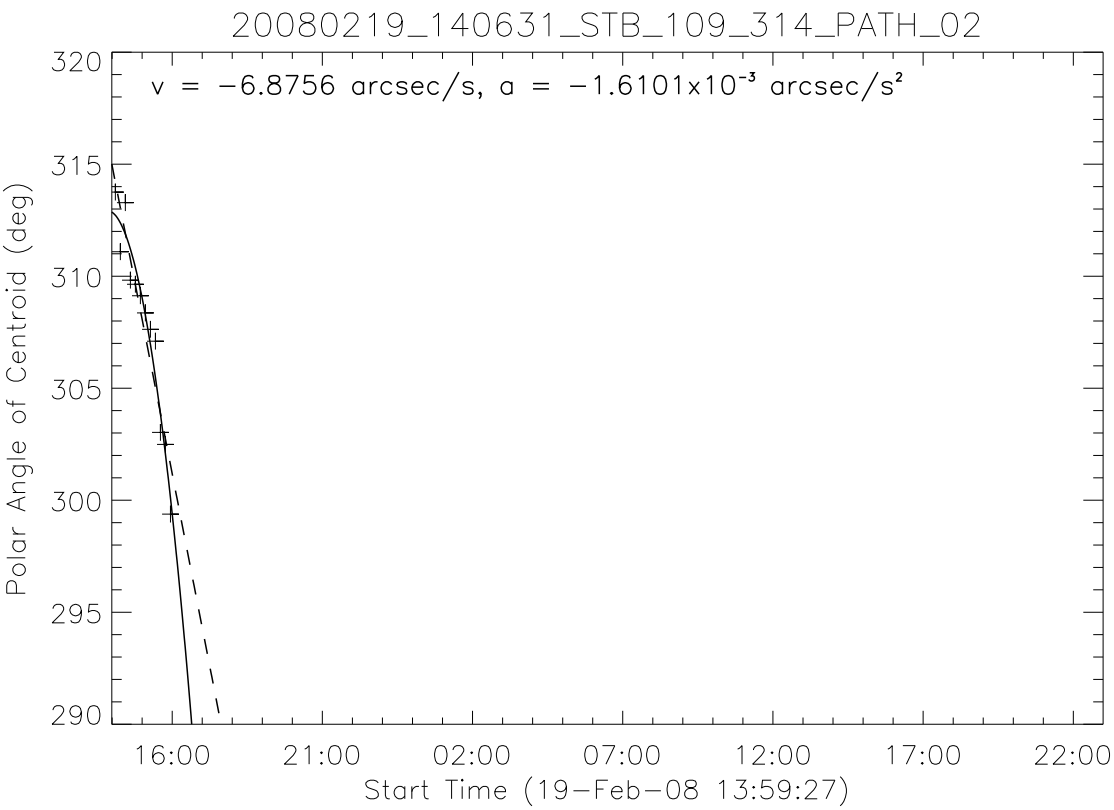
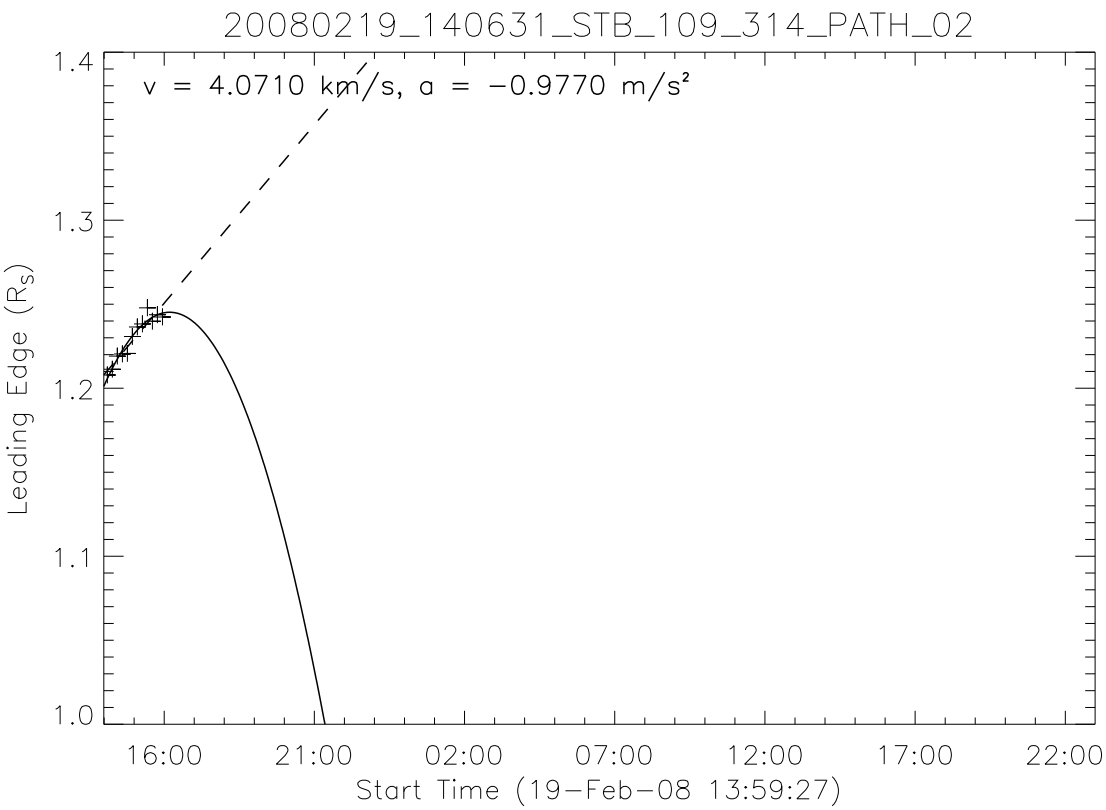
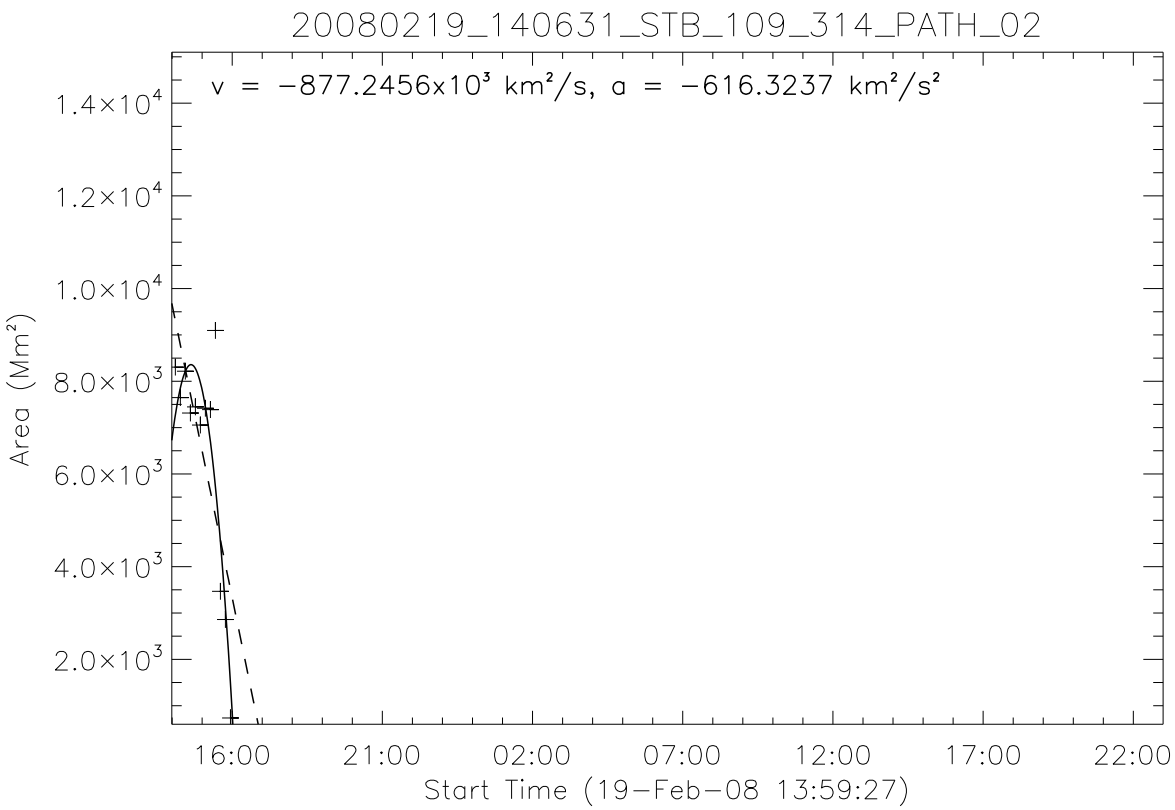
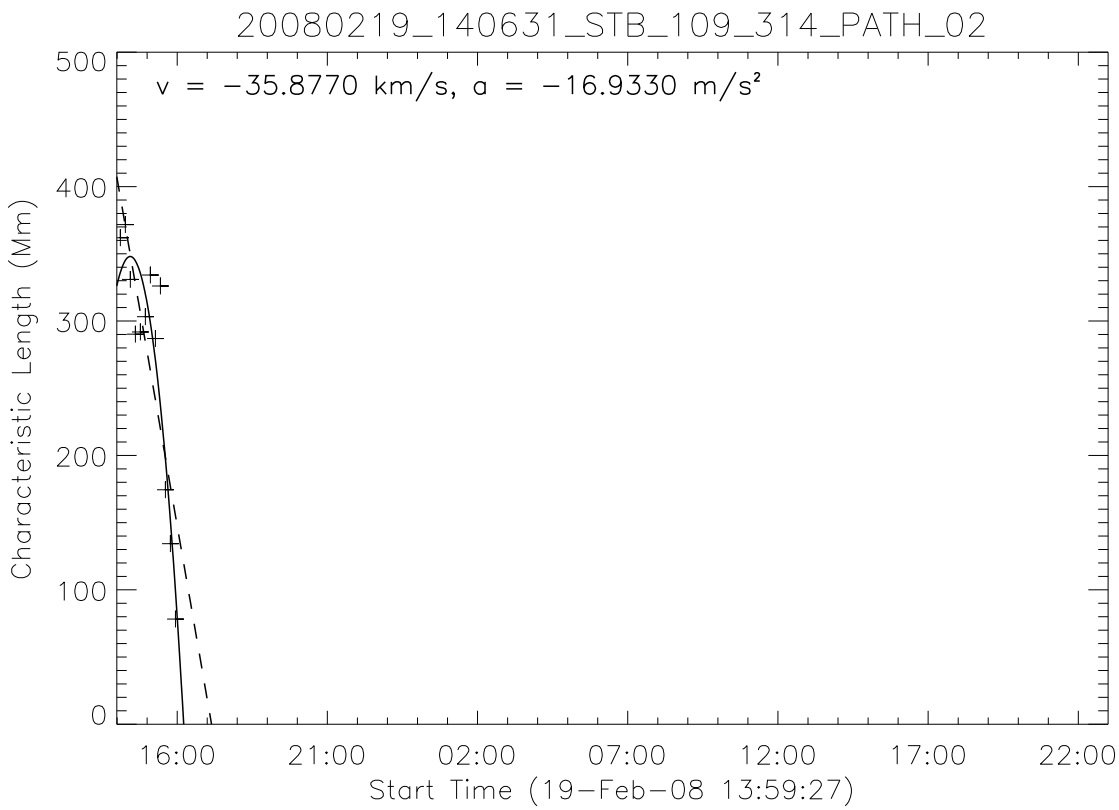
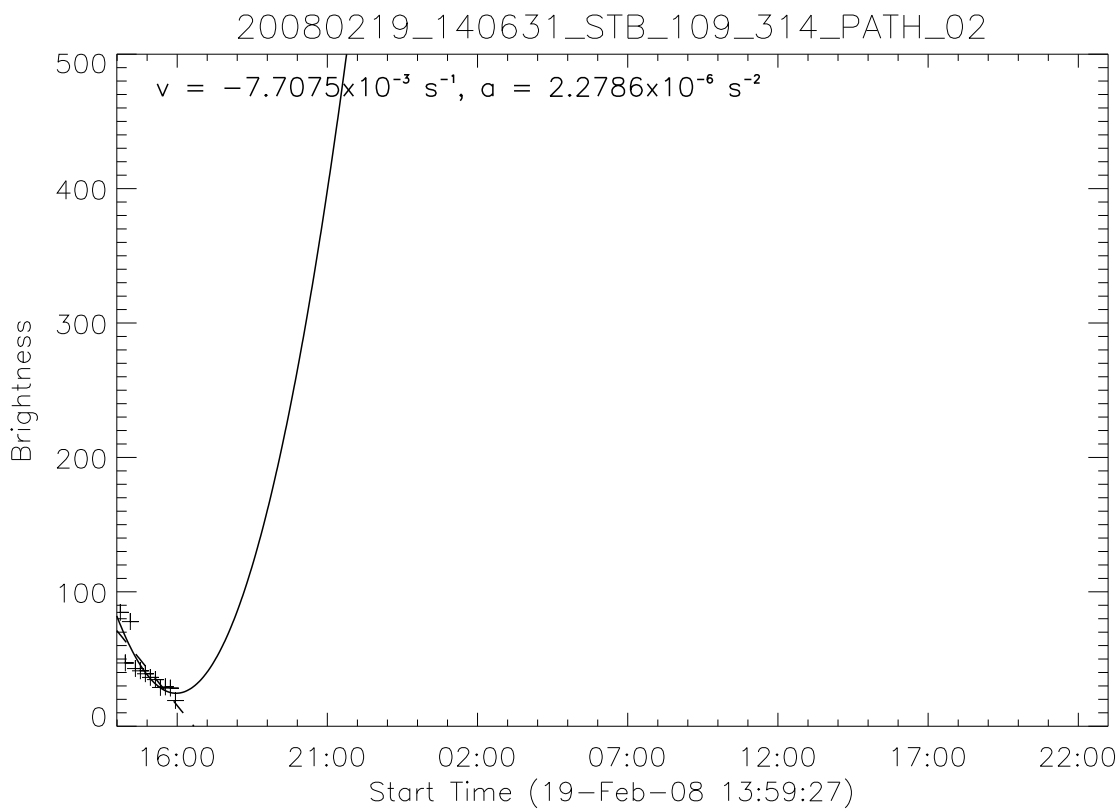

20080219_140631_STB_109_314_PATH_02
v = 11.3768 km/s, a = −1.0994 m/s²
Heliocentric Distance of Centroid (Rs)
1.20
1.15
1.10
1.05
1.00
16:00
21:00
02:00
07:00
12:00
17:00
22:00
Start Time (19−Feb−08 13:59:27)


20080219_140631_STB_109_314_PATH_02
v = −6.8756 arcsec/s, a = −1.6101x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
320
315
310
305
300
295
290
16:00
21:00
02:00
07:00
12:00
17:00
22:00
Start Time (19−Feb−08 13:59:27)


20080219_140631_STB_109_314_PATH_02
v = 4.0710 km/s, a = −0.9770 m/s²
Leading Edge (Rs)
1.4
1.3
1.2
1.1
1.0
16:00
21:00
02:00
07:00
12:00
17:00
22:00
Start Time (19−Feb−08 13:59:27)


20080219_140631_STB_109_314_PATH_02
v = −877.2456x10³ km²/s, a = −616.3237 km²/s²
1.4×10⁴
1.2×10⁴
1.0×10⁴
8.0×10³
6.0×10³
4.0×10³
2.0×10³
Area (Mm²)
16:00
21:00
02:00
07:00
12:00
17:00
22:00
Start Time (19−Feb−08 13:59:27)


20080219_140631_STB_109_314_PATH_02
v = −35.8770 km/s, a = −16.9330 m/s²
Characteristic Length (Mm)
500
400
300
200
100
0
16:00
21:00
02:00
07:00
12:00
17:00
22:00
Start Time (19−Feb−08 13:59:27)


20080219_140631_STB_109_314_PATH_02
v = −7.7075x10⁻³ s⁻¹, a = 2.2786x10⁻⁶ s⁻²
Brightness
500
400
300
200
100
0
16:00
21:00
02:00
07:00
12:00
17:00
22:00
Start Time (19−Feb−08 13:59:27)