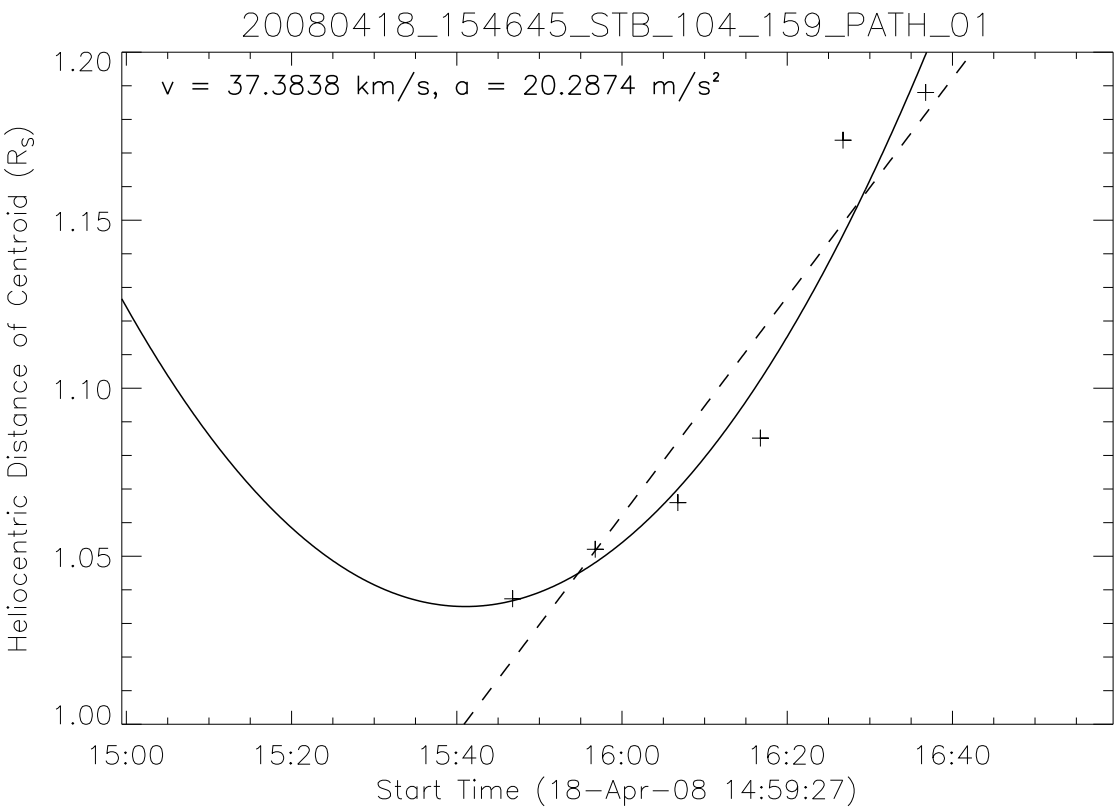
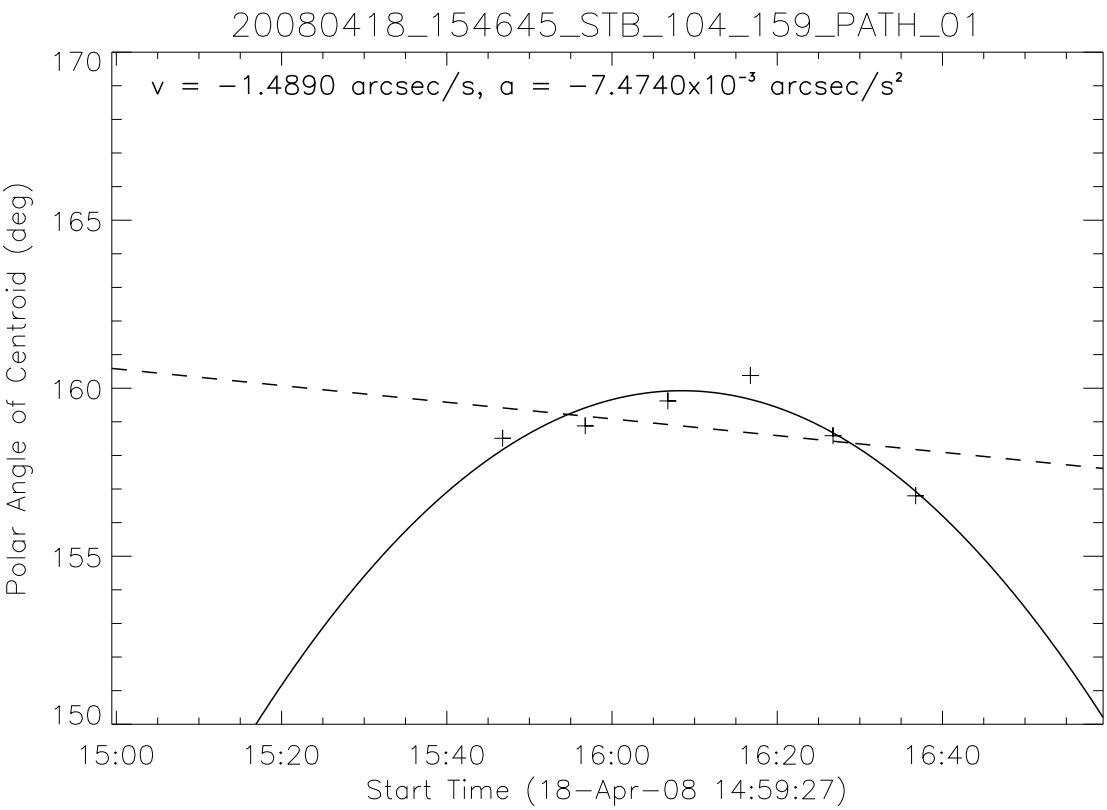
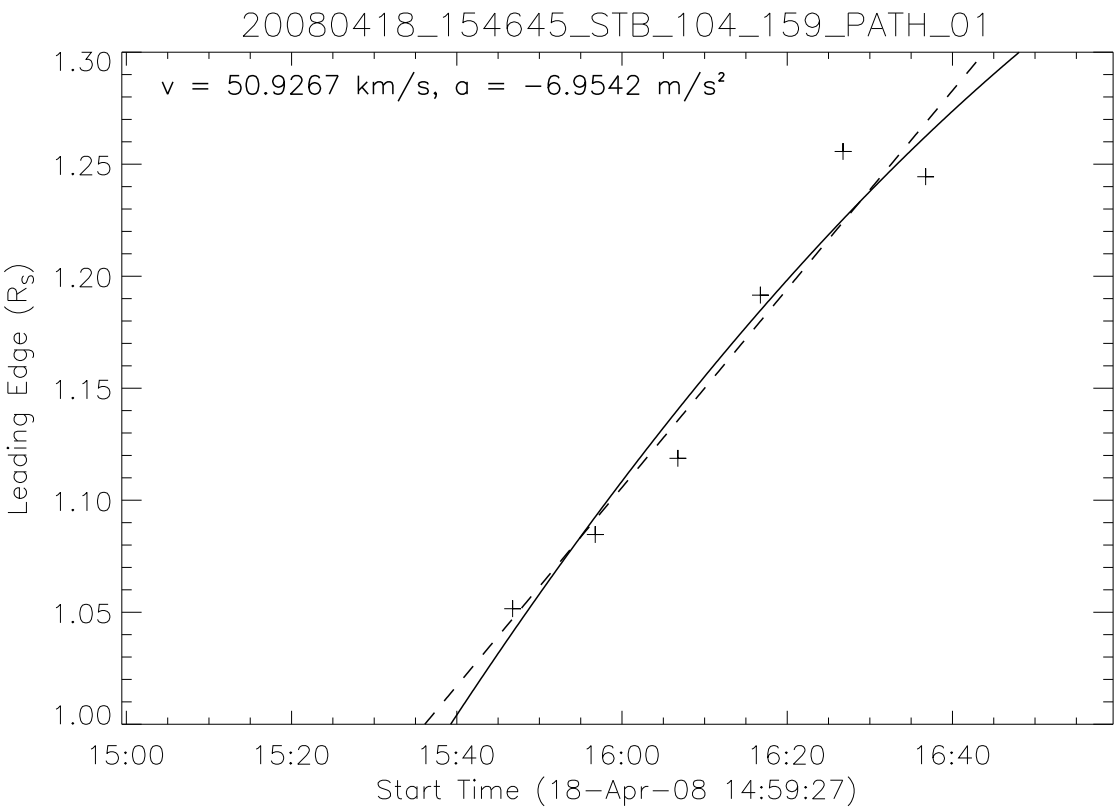
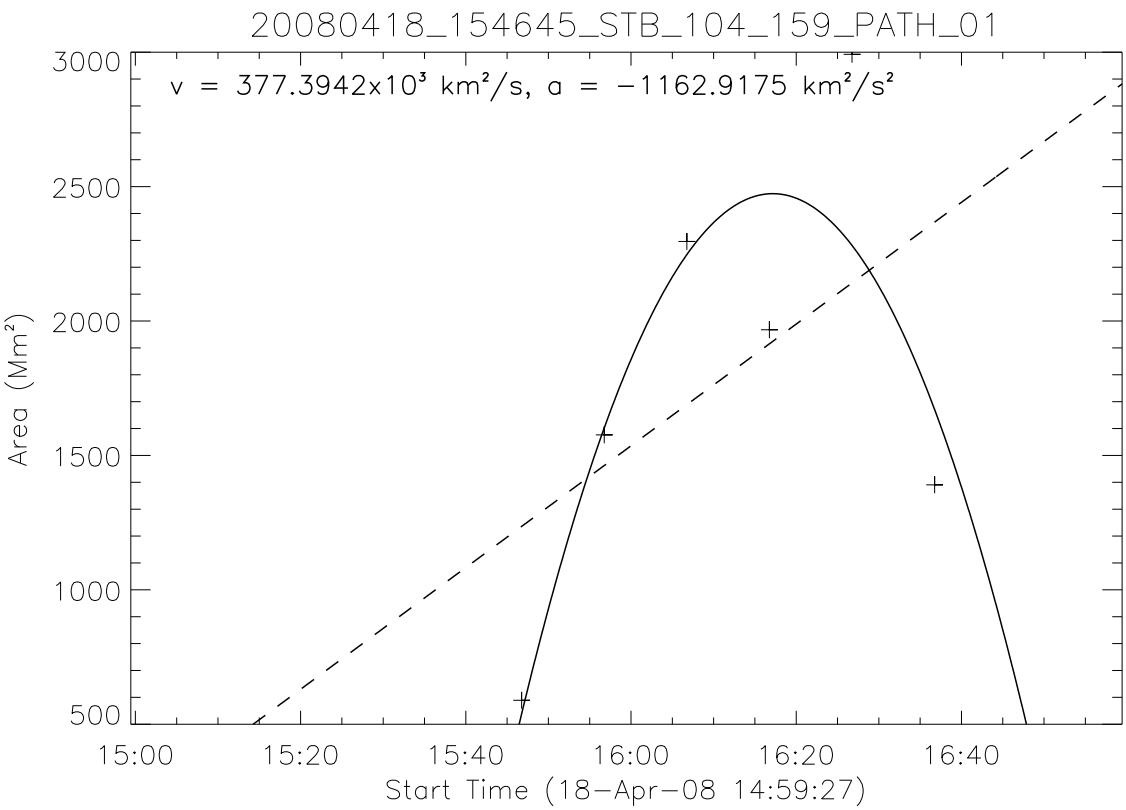
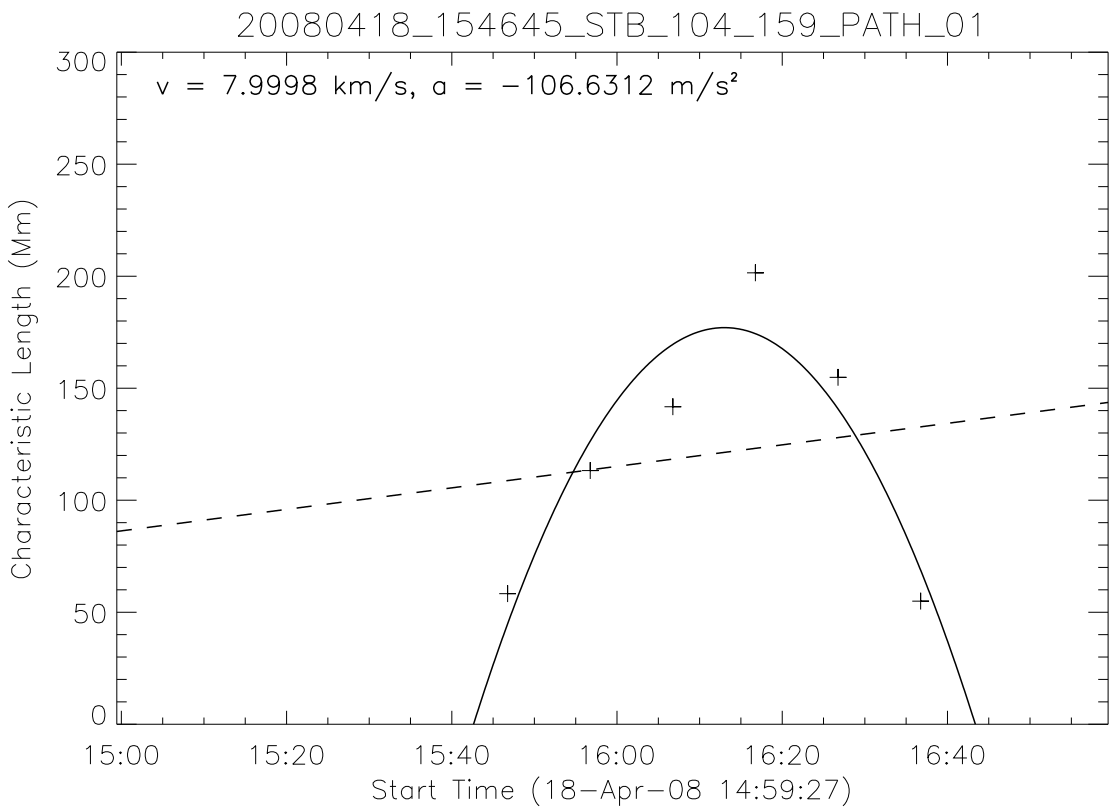
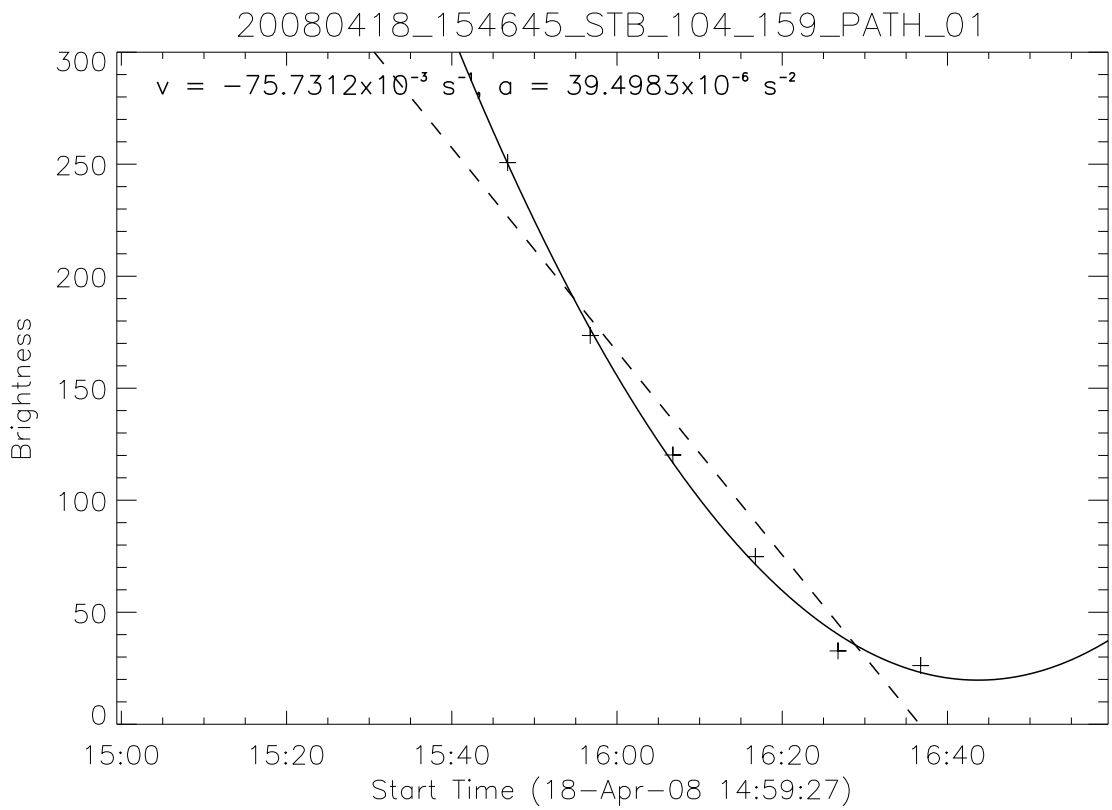

20080418_154645_STB_104_159_PATH_01
v = 37.3838 km/s, a = 20.2874 m/s²
Heliocentric Distance of Centroid (Rs)
1.20
1.15
1.10
1.05
1.00
15:00
15:20
15:40
16:00
16:20
16:40
Start Time (18−Apr−08 14:59:27)


20080418_154645_STB_104_159_PATH_01
v = −1.4890 arcsec/s, a = −7.4740x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
170
165
160
155
150
15:00
15:20
15:40
16:00
16:20
16:40
Start Time (18−Apr−08 14:59:27)


20080418_154645_STB_104_159_PATH_01
v = 50.9267 km/s, a = −6.9542 m/s²
Leading Edge (R_S)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
15:00
15:20
15:40
16:00
16:20
16:40
Start Time (18−Apr−08 14:59:27)


20080418_154645_STB_104_159_PATH_01
v = 377.3942x10³ km²/s, a = −1162.9175 km²/s²
Area (Mm²)
3000
2500
2000
1500
1000
500
15:00
15:20
15:40
16:00
16:20
16:40
Start Time (18−Apr−08 14:59:27)


20080418_154645_STB_104_159_PATH_01
v = 7.9998 km/s, a = −106.6312 m/s²
Characteristic Length (Mm)
300
250
200
150
100
50
0
15:00
15:20
15:40
16:00
16:20
16:40
Start Time (18−Apr−08 14:59:27)


20080418_154645_STB_104_159_PATH_01
v = −75.7312x10⁻³ s⁻¹, a = 39.4983x10⁻⁶ s⁻²
Brightness
300
250
200
150
100
50
0
15:00
15:20
15:40
16:00
16:20
16:40
Start Time (18−Apr−08 14:59:27)