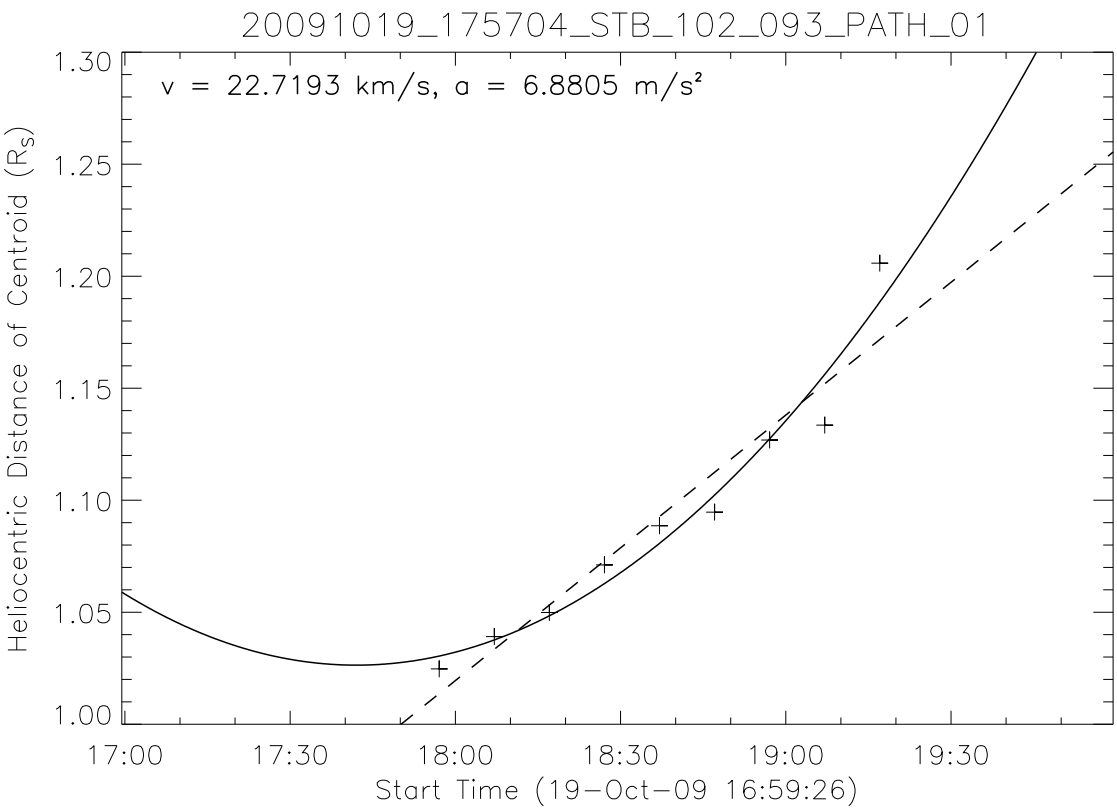
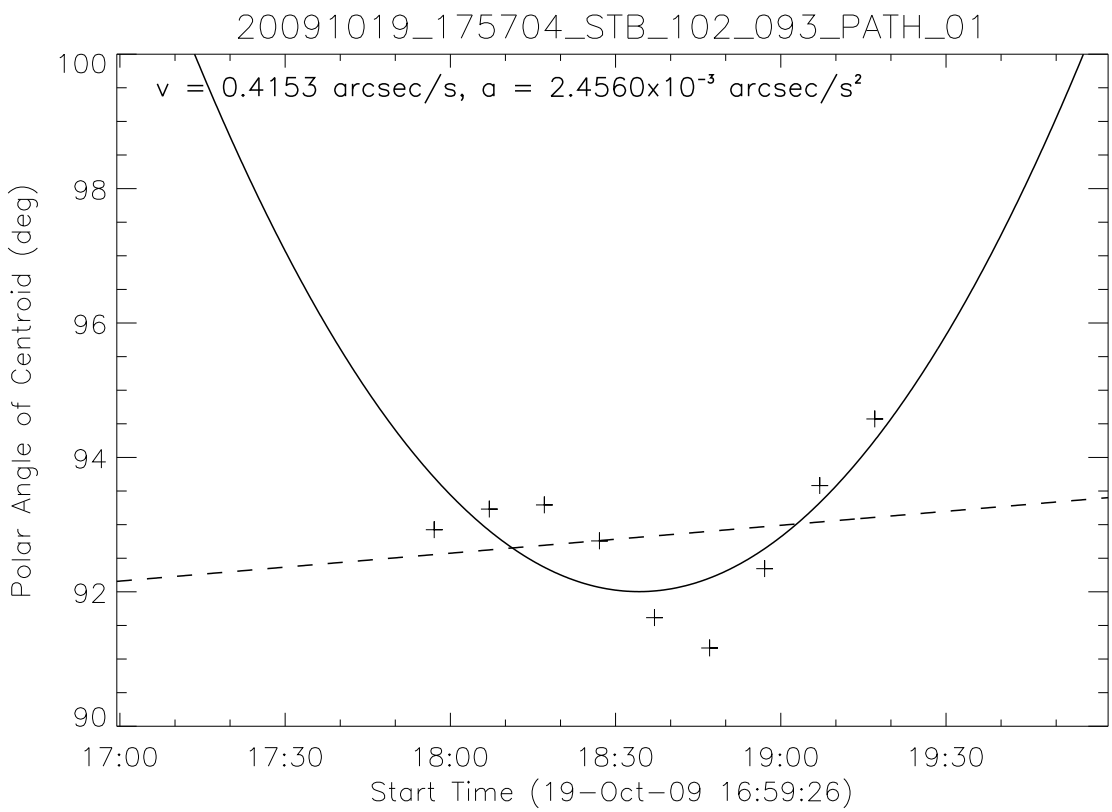
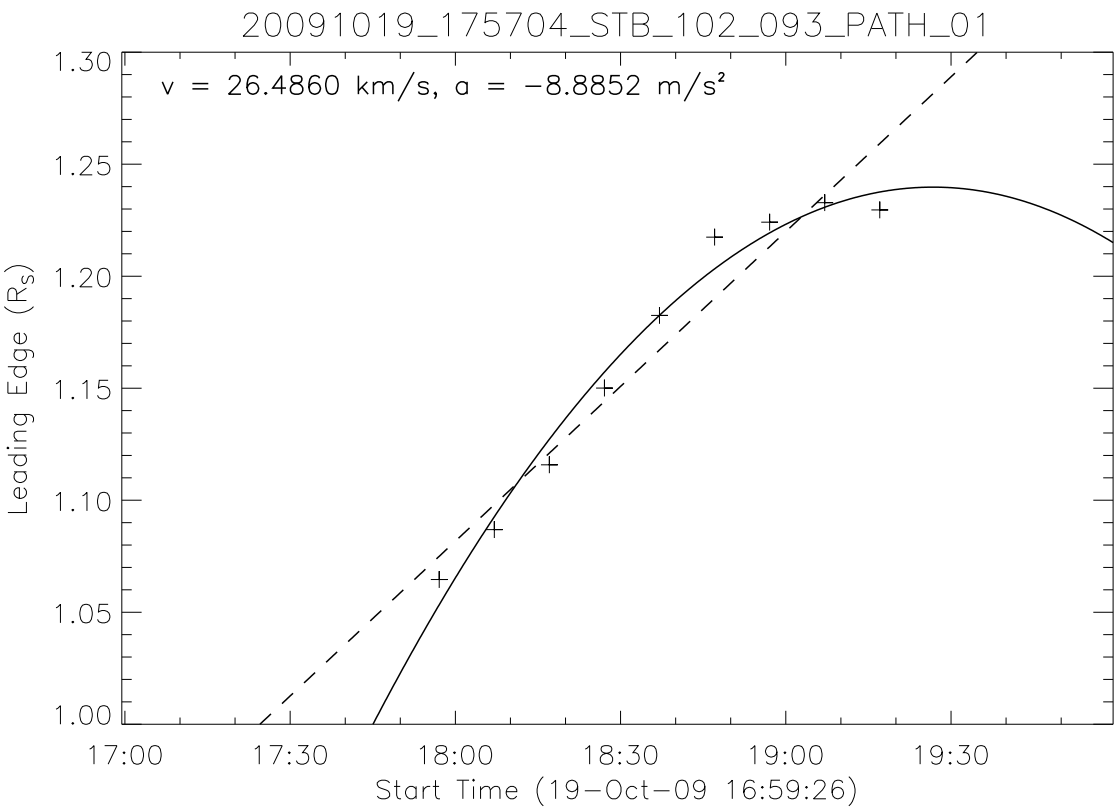
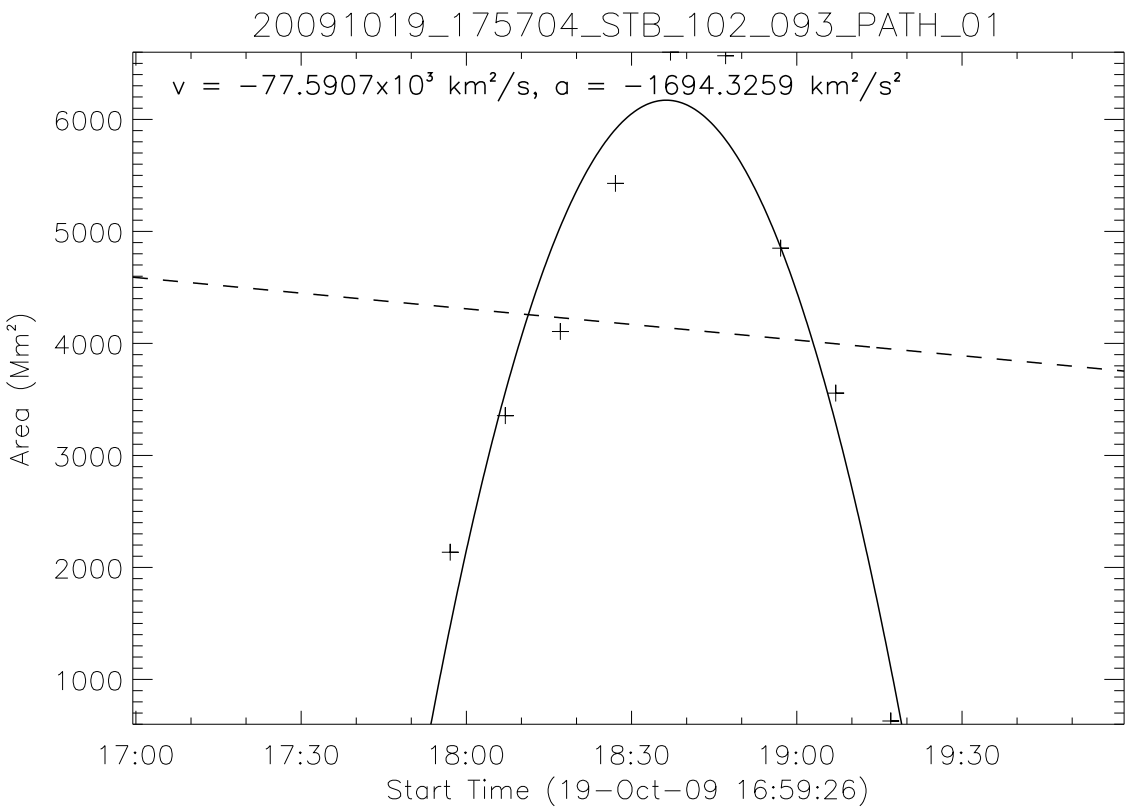
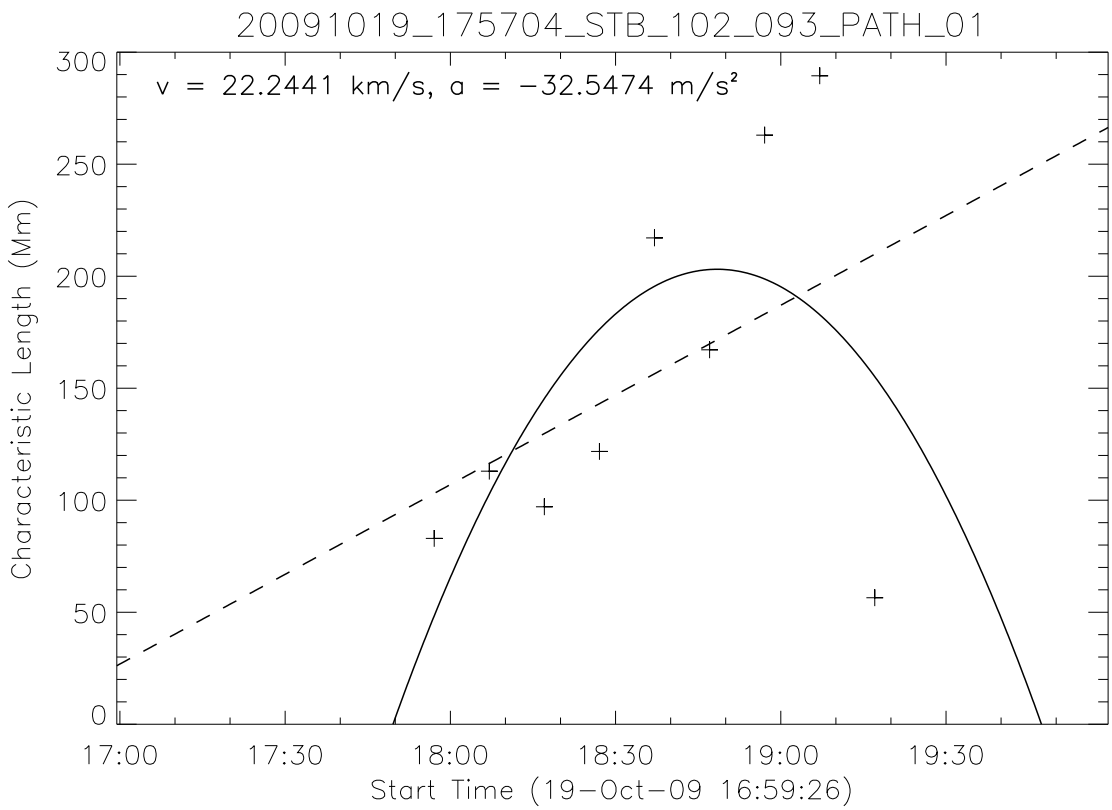
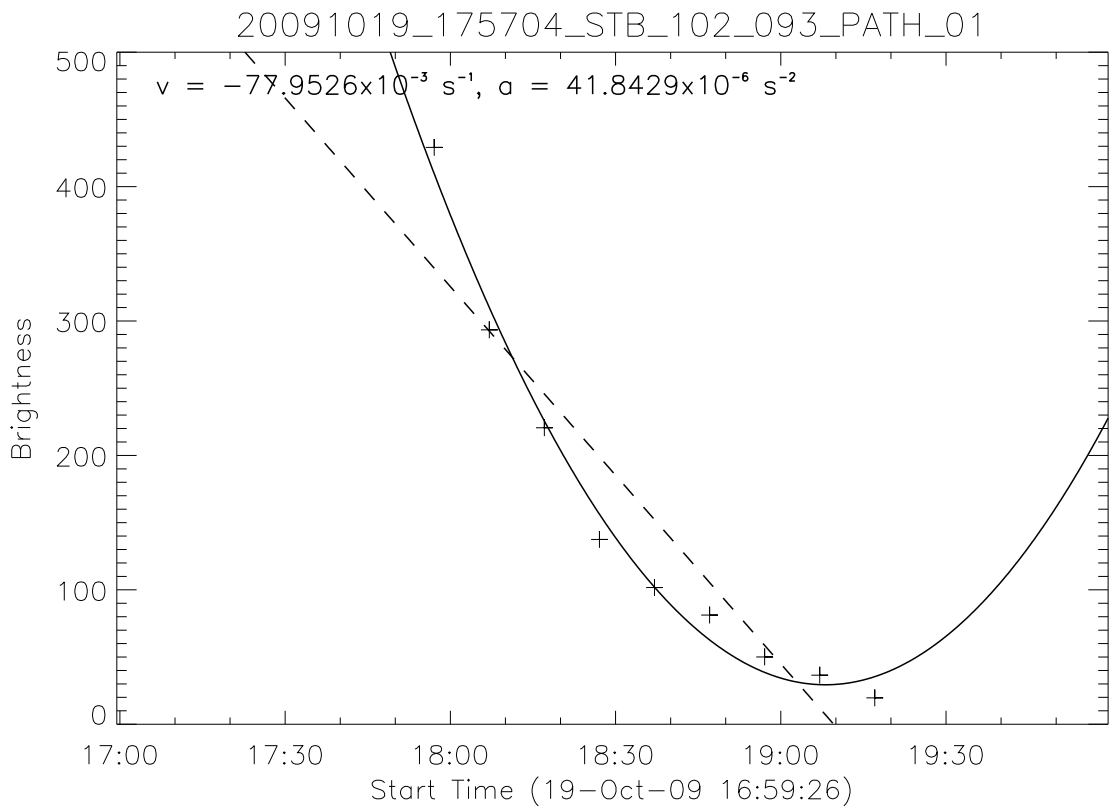

20091019_175704_STB_102_093_PATH_01
v = 22.7193 km/s, a = 6.8805 m/s²
Heliocentric Distance of Centroid (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
17:00
17:30
18:00
18:30
19:00
19:30
Start Time (19−Oct−09 16:59:26)


20091019_175704_STB_102_093_PATH_01
v = 0.4153 arcsec/s, a = 2.4560x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
100
98
96
94
92
90
17:00
17:30
18:00
18:30
19:00
19:30
Start Time (19−Oct−09 16:59:26)


20091019_175704_STB_102_093_PATH_01
v = 26.4860 km/s, a = −8.8852 m/s²
Leading Edge (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
17:00
17:30
18:00
18:30
19:00
19:30
Start Time (19−Oct−09 16:59:26)


20091019_175704_STB_102_093_PATH_01
v = −77.5907x10³ km²/s, a = −1694.3259 km²/s²
6000
5000
4000
3000
2000
1000
Area (Mm²)
17:00
17:30
18:00
18:30
19:00
19:30
Start Time (19−Oct−09 16:59:26)


20091019_175704_STB_102_093_PATH_01
v = 22.2441 km/s, a = −32.5474 m/s²
Characteristic Length (Mm)
300
250
200
150
100
50
0
17:00
17:30
18:00
18:30
19:00
19:30
Start Time (19−Oct−09 16:59:26)


20091019_175704_STB_102_093_PATH_01
v = −77.9526x10⁻³ s⁻¹, a = 41.8429x10⁻⁶ s⁻²
Brightness
500
400
300
200
100
0
17:00
17:30
18:00
18:30
19:00
19:30
Start Time (19−Oct−09 16:59:26)