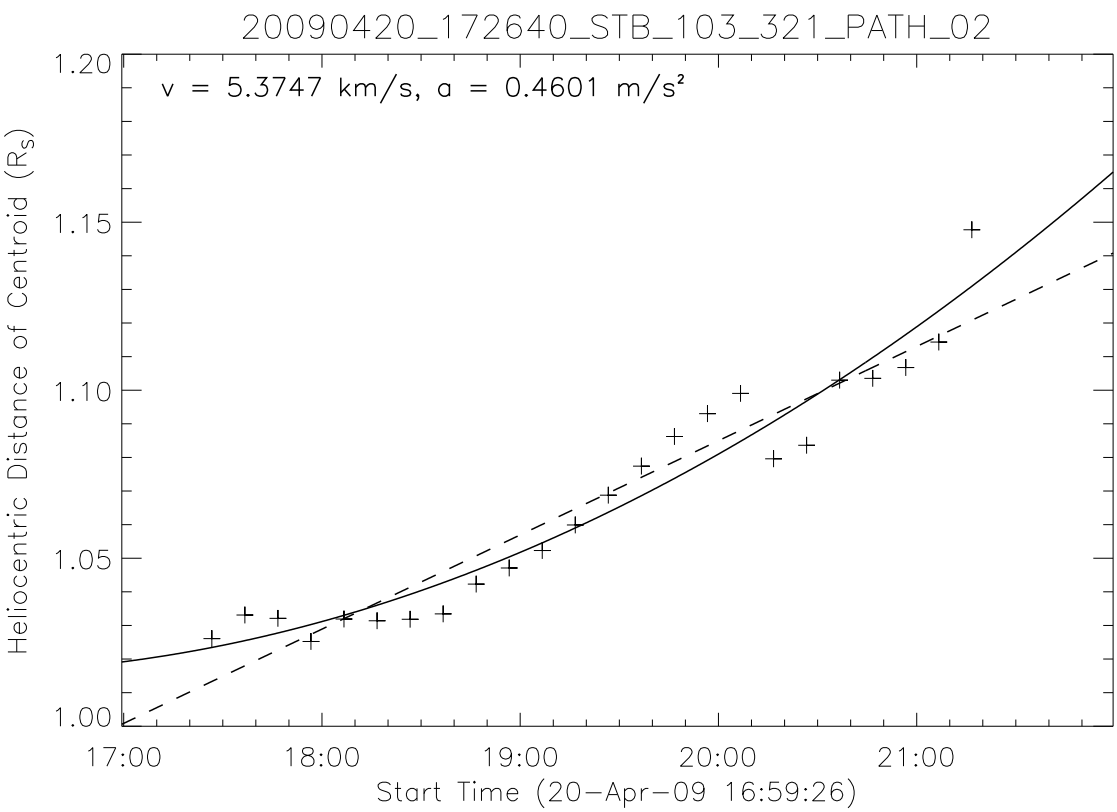
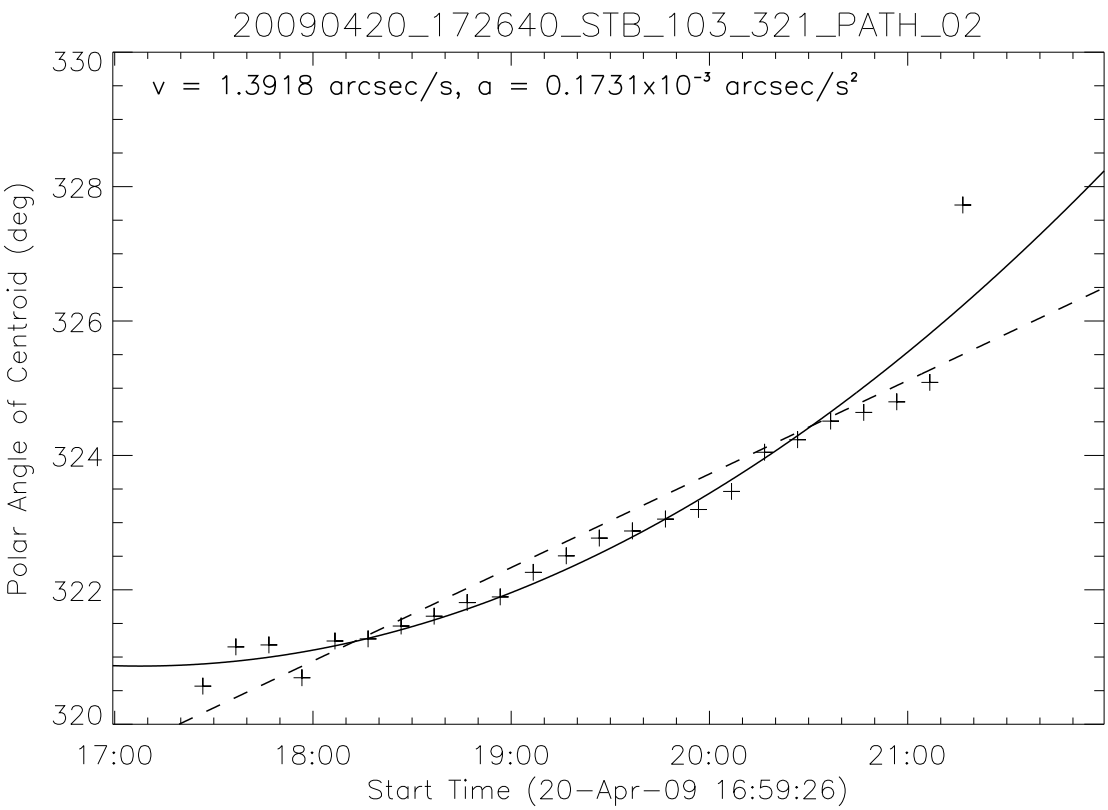
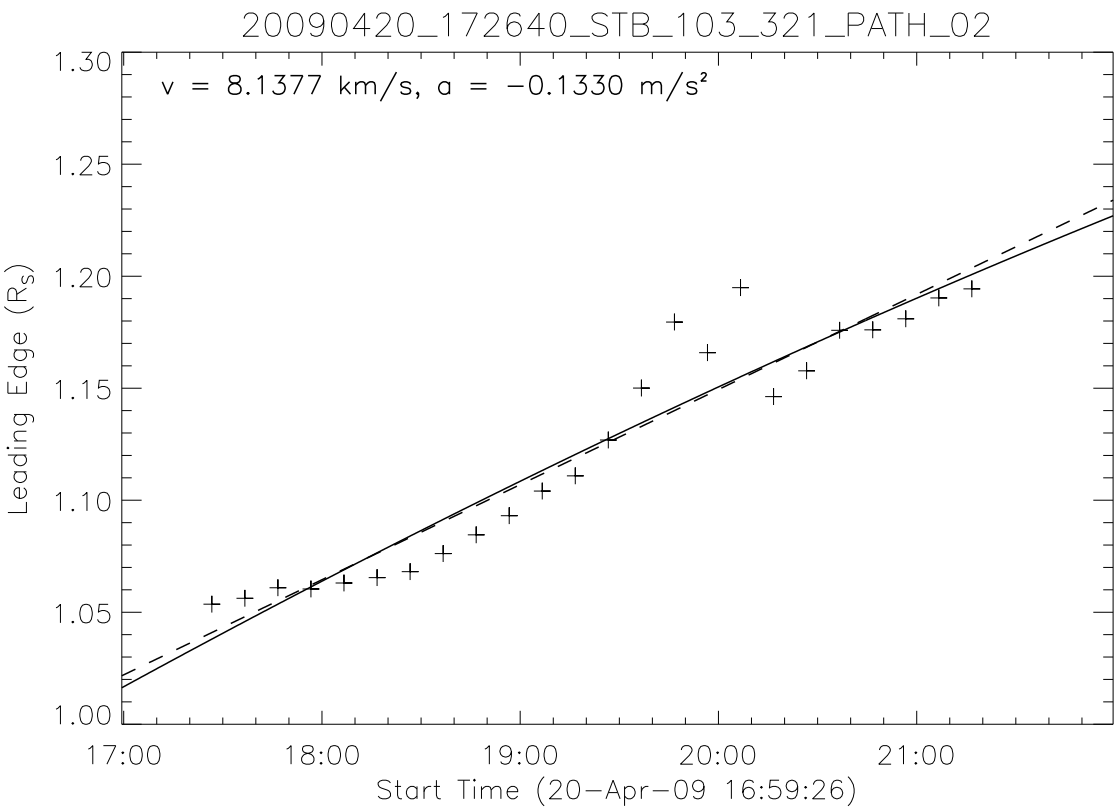
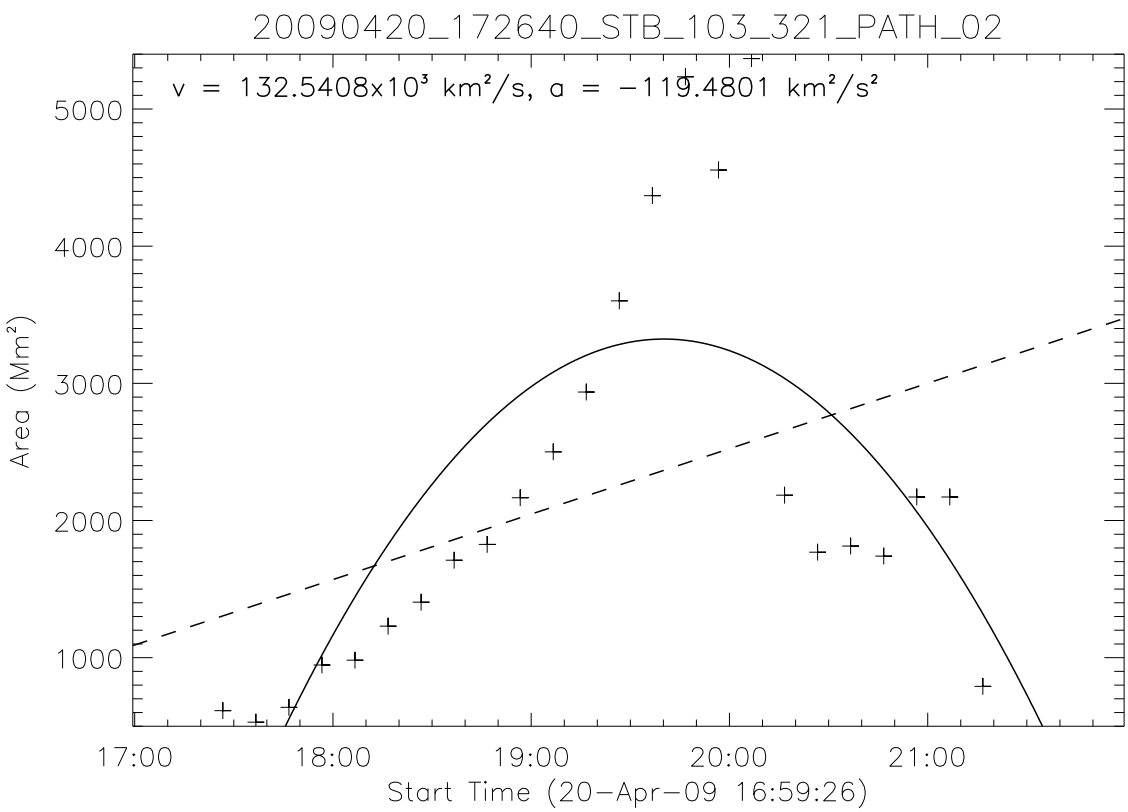
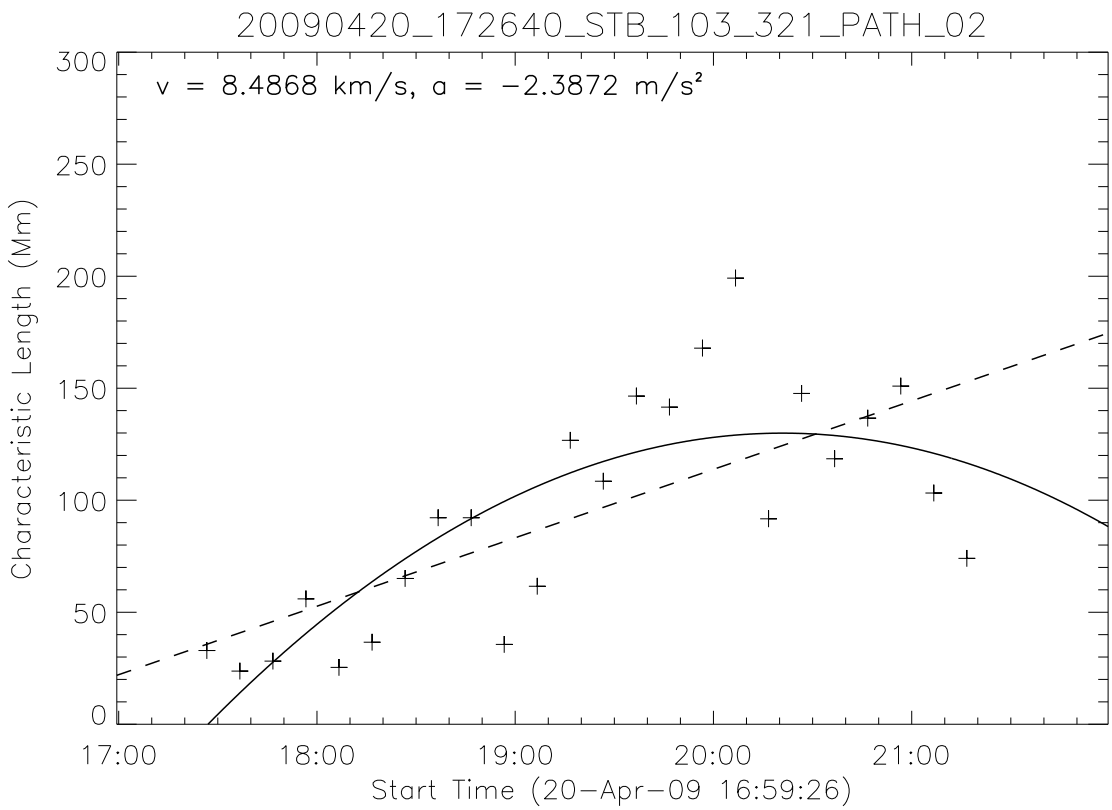
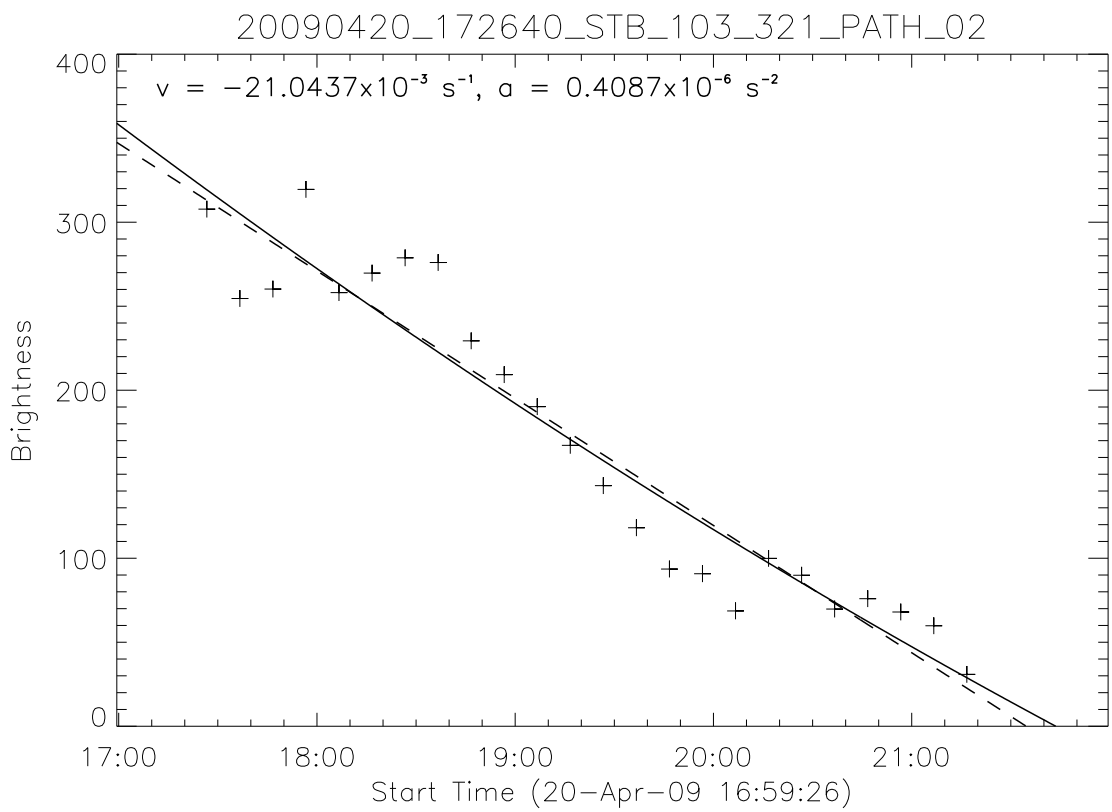

20090420_172640_STB_103_321_PATH_02
v = 5.3747 km/s, a = 0.4601 m/s²
Heliocentric Distance of Centroid (Rs)
1.20
1.15
1.10
1.05
1.00
17:00
18:00
19:00
20:00
21:00
Start Time (20−Apr−09 16:59:26)


20090420_172640_STB_103_321_PATH_02
v = 1.3918 arcsec/s, a = 0.1731x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
330
328
326
324
322
320
17:00
18:00
19:00
20:00
21:00
Start Time (20−Apr−09 16:59:26)


20090420_172640_STB_103_321_PATH_02
v = 8.1377 km/s, a = −0.1330 m/s²
Leading Edge (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
17:00
18:00
19:00
20:00
21:00
Start Time (20−Apr−09 16:59:26)


20090420_172640_STB_103_321_PATH_02
v = 132.5408x10³ km²/s, a = −119.4801 km²/s²
5000
4000
3000
2000
1000
Area (Mm²)
17:00
18:00
19:00
20:00
21:00
Start Time (20−Apr−09 16:59:26)


20090420_172640_STB_103_321_PATH_02
v = 8.4868 km/s, a = −2.3872 m/s²
Characteristic Length (Mm)
300
250
200
150
100
50
0
17:00
18:00
19:00
20:00
21:00
Start Time (20−Apr−09 16:59:26)


20090420_172640_STB_103_321_PATH_02
v = −21.0437x10⁻³ s⁻¹, a = 0.4087x10⁻⁶ s⁻²
Brightness
400
300
200
100
0
17:00
18:00
19:00
20:00
21:00
Start Time (20−Apr−09 16:59:26)