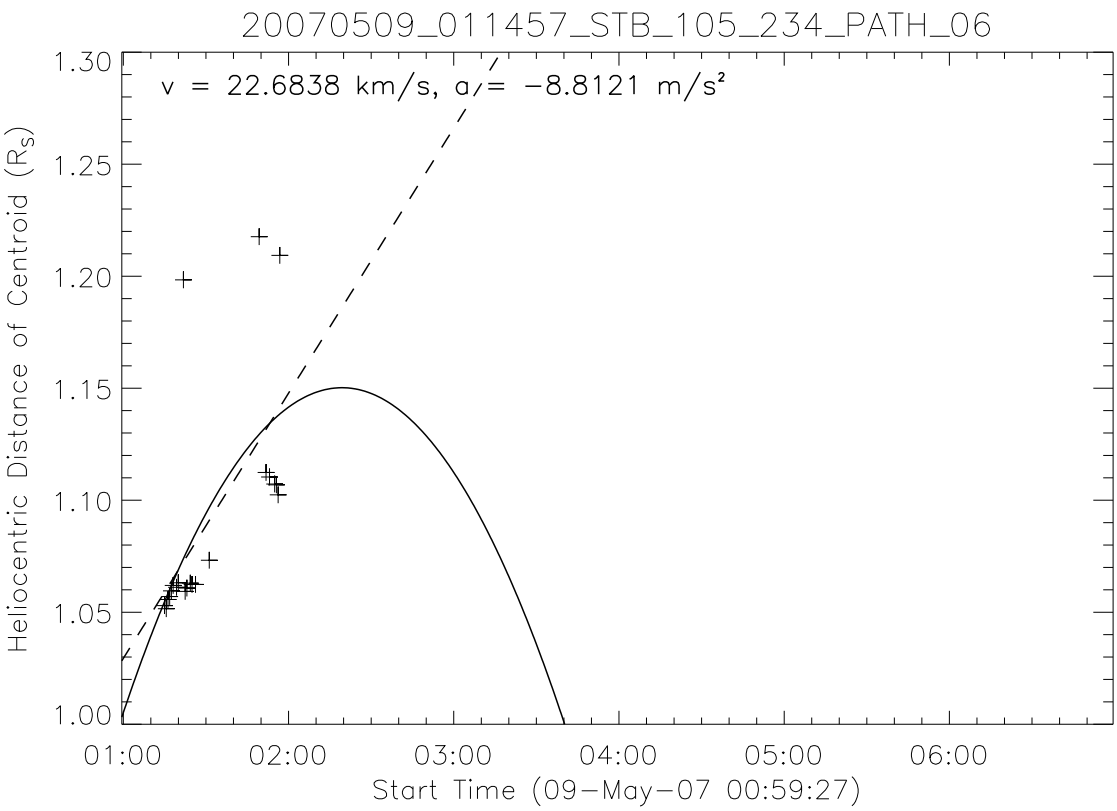
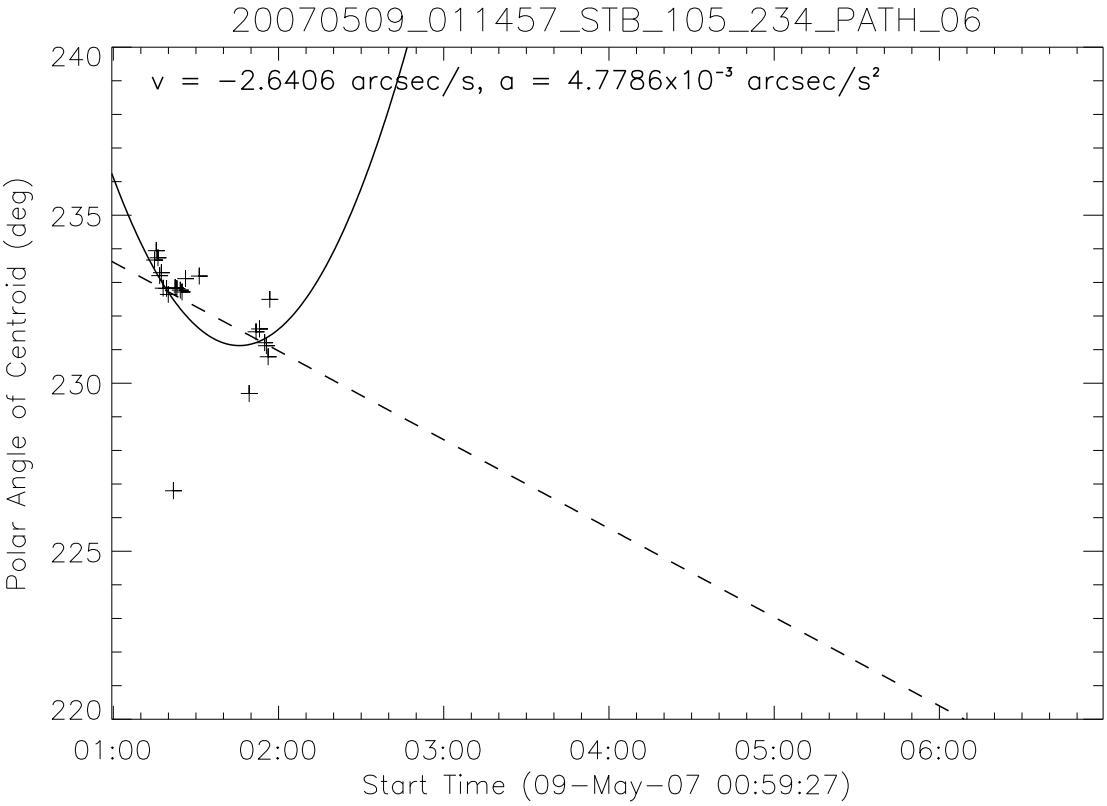
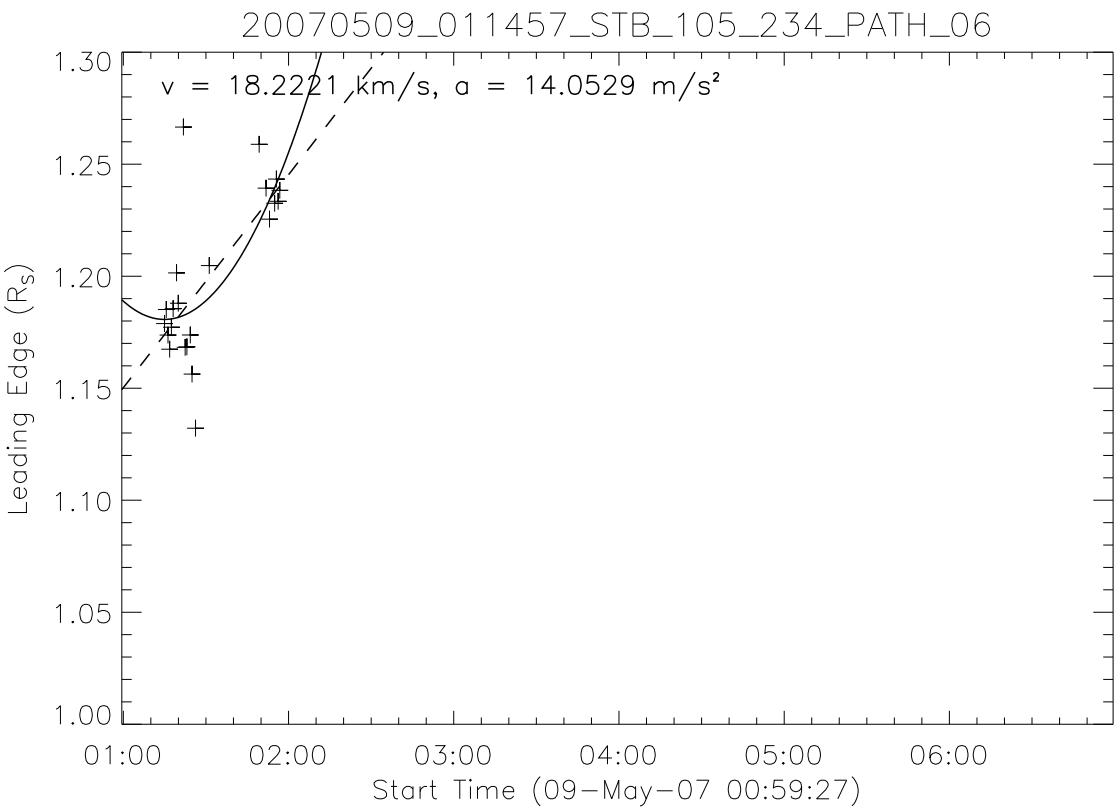
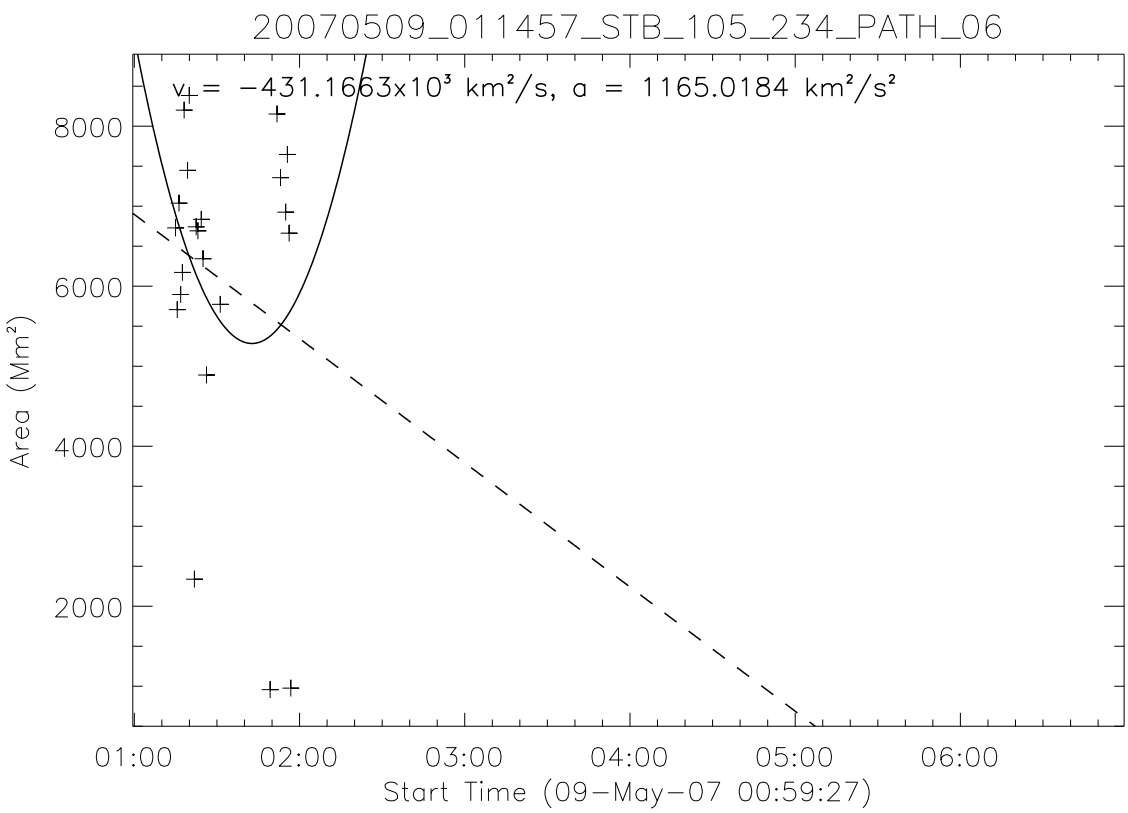
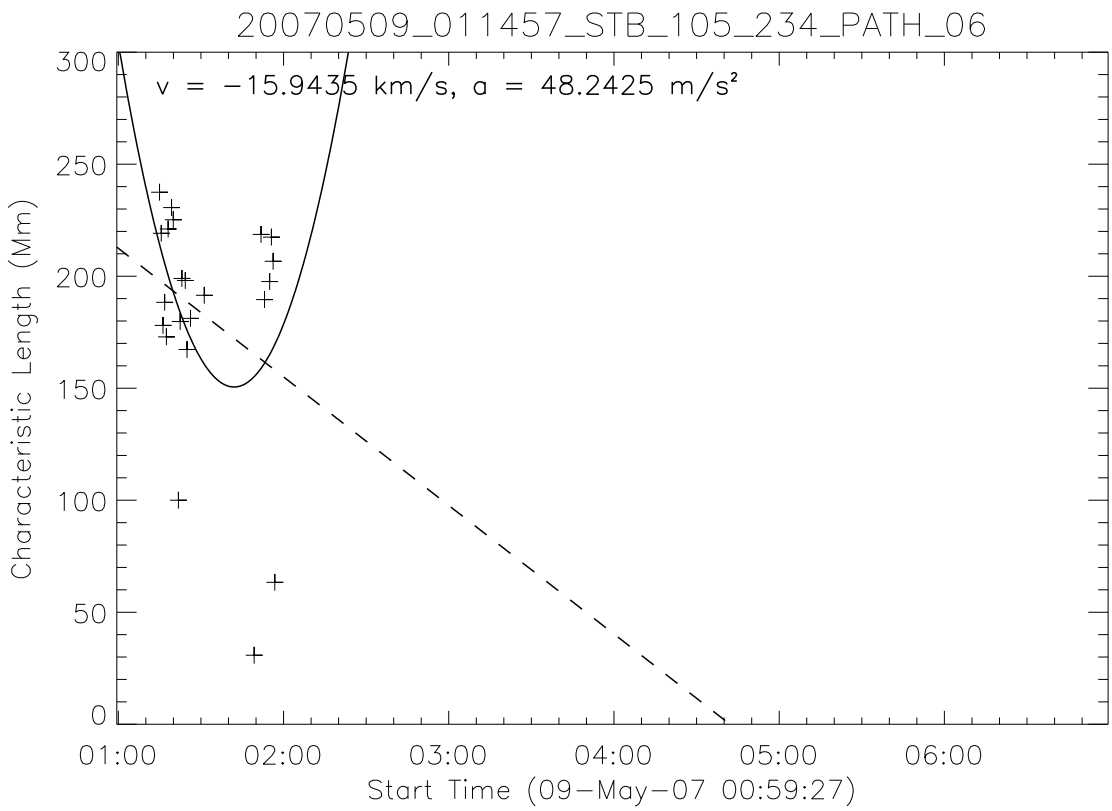
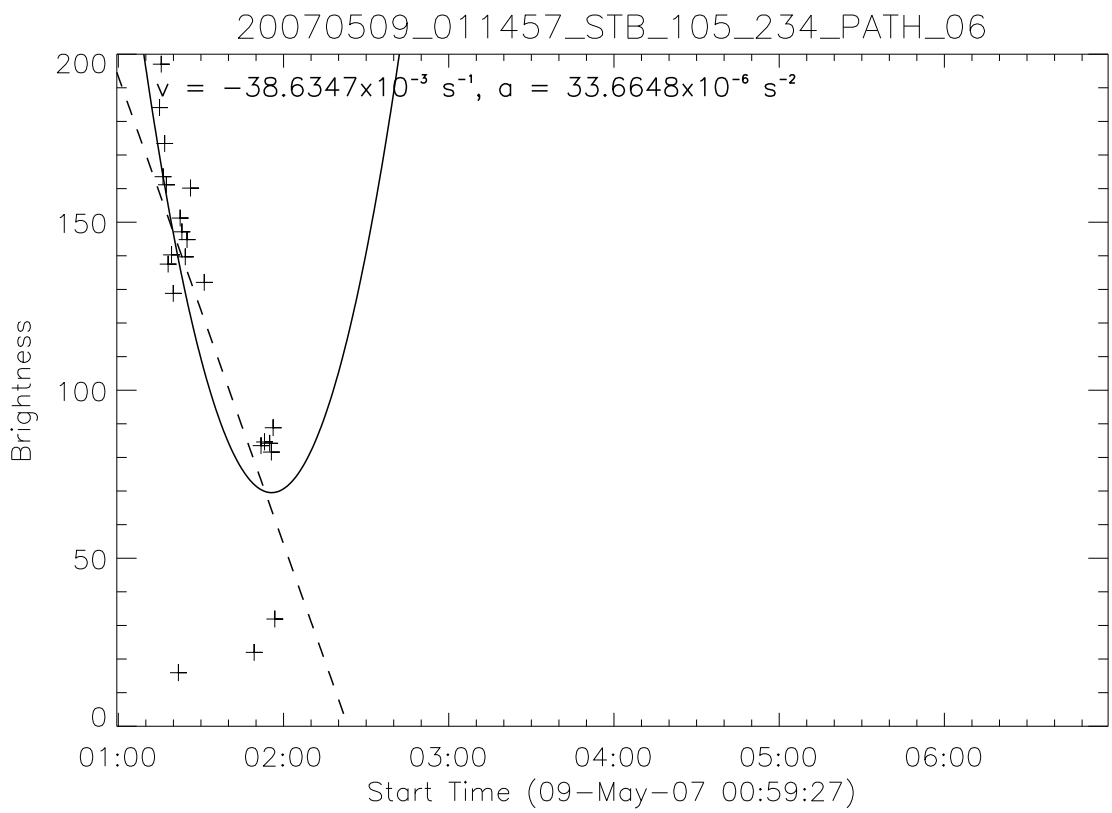

20070509_011457_STB_105_234_PATH_06
v = 22.6838 km/s, a = −8.8121 m/s²
Heliocentric Distance of Centroid (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
01:00
02:00
03:00
04:00
05:00
06:00
Start Time (09−May−07 00:59:27)


20070509_011457_STB_105_234_PATH_06
v = −2.6406 arcsec/s, a = 4.7786x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
240
235
230
225
220
01:00
02:00
03:00
04:00
05:00
06:00
Start Time (09−May−07 00:59:27)


20070509_011457_STB_105_234_PATH_06
v = 18.2221 km/s, a = 14.0529 m/s²
Leading Edge (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
01:00
02:00
03:00
04:00
05:00
06:00
Start Time (09−May−07 00:59:27)


20070509_011457_STB_105_234_PATH_06
v = −431.1663x10³ km²/s, a = 1165.0184 km²/s²
8000
6000
4000
2000
Area (Mm²)
01:00
02:00
03:00
04:00
05:00
06:00
Start Time (09−May−07 00:59:27)


20070509_011457_STB_105_234_PATH_06
v = −15.9435 km/s, a = 48.2425 m/s²
Characteristic Length (Mm)
300
250
200
150
100
50
0
01:00
02:00
03:00
04:00
05:00
06:00
Start Time (09−May−07 00:59:27)


20070509_011457_STB_105_234_PATH_06
v = −38.6347x10⁻³ s⁻¹, a = 33.6648x10⁻⁶ s⁻²
Brightness
200
150
100
50
0
01:00
02:00
03:00
04:00
05:00
06:00
Start Time (09−May−07 00:59:27)