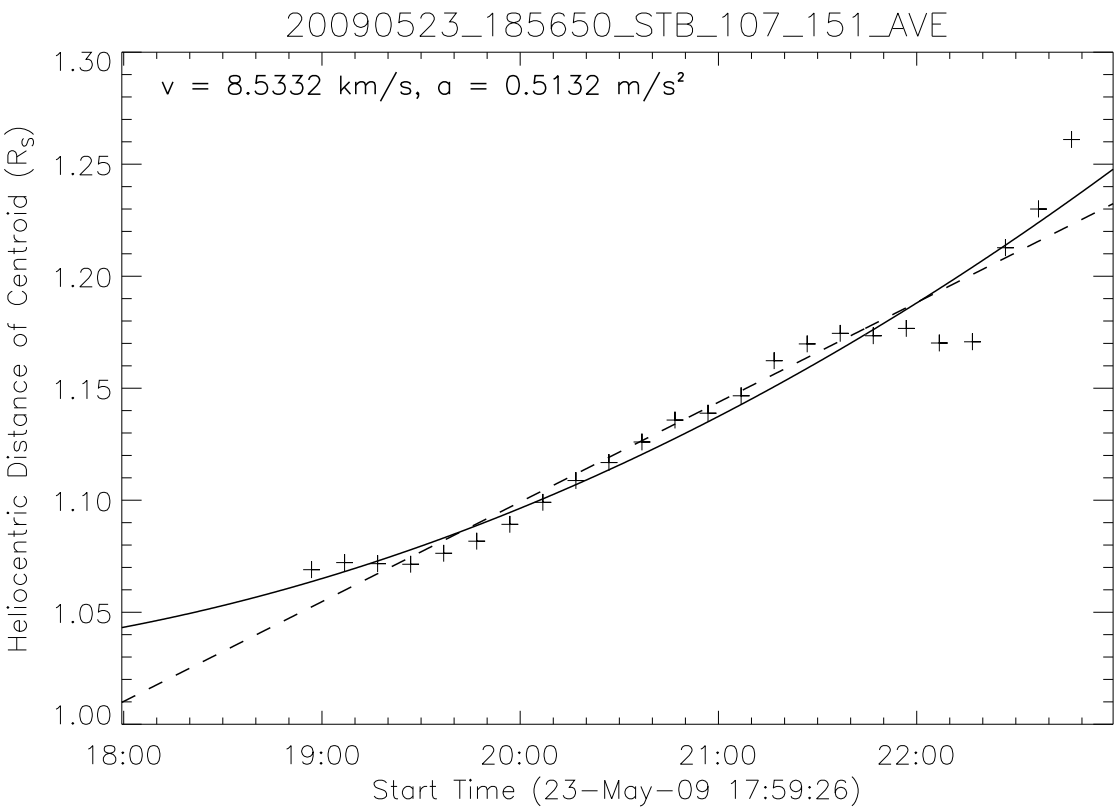
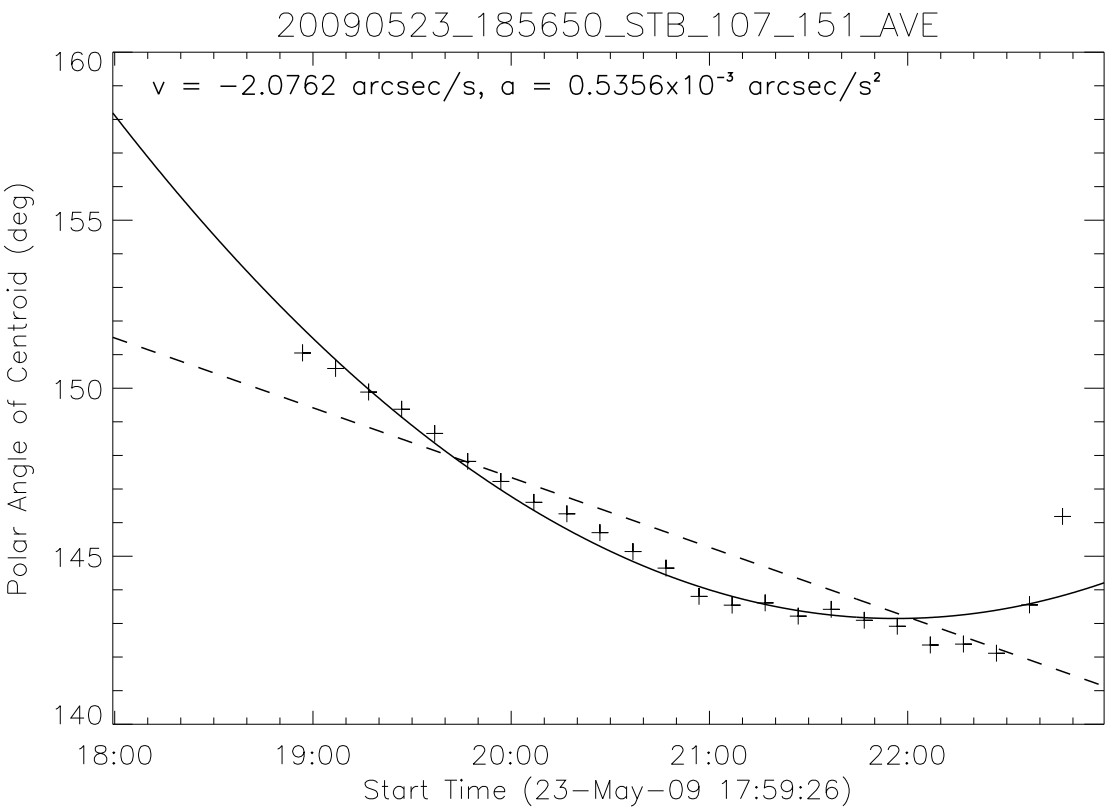
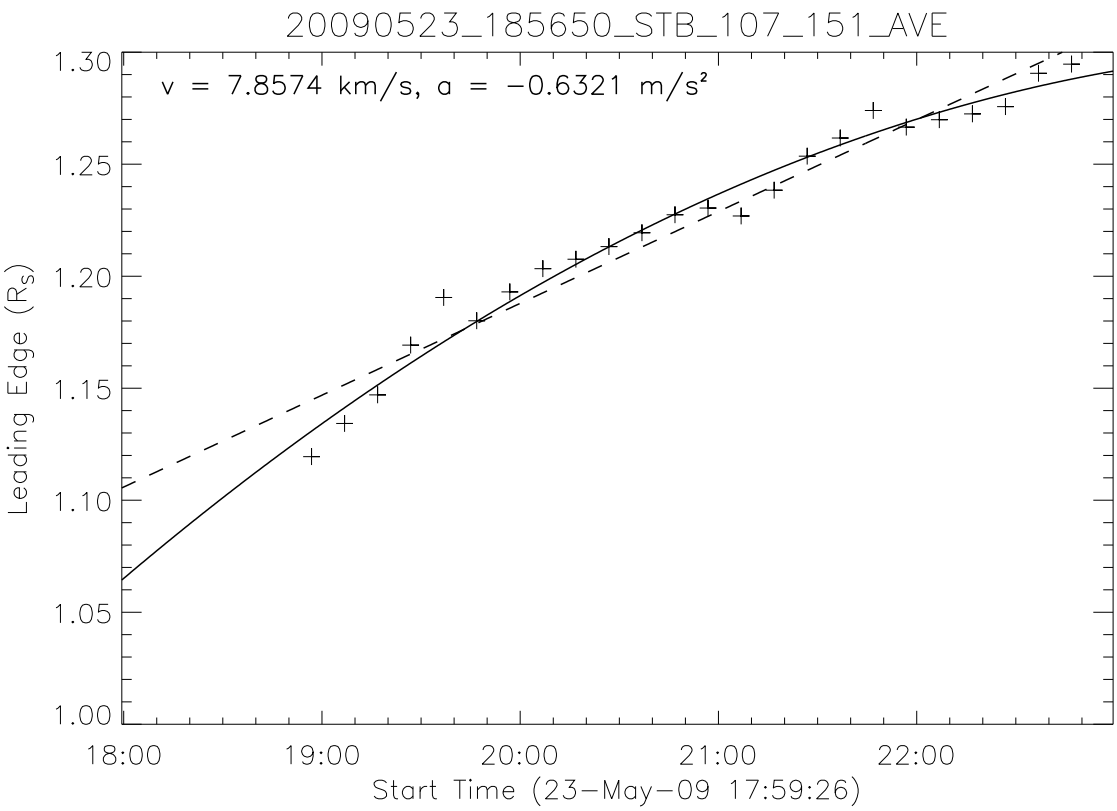
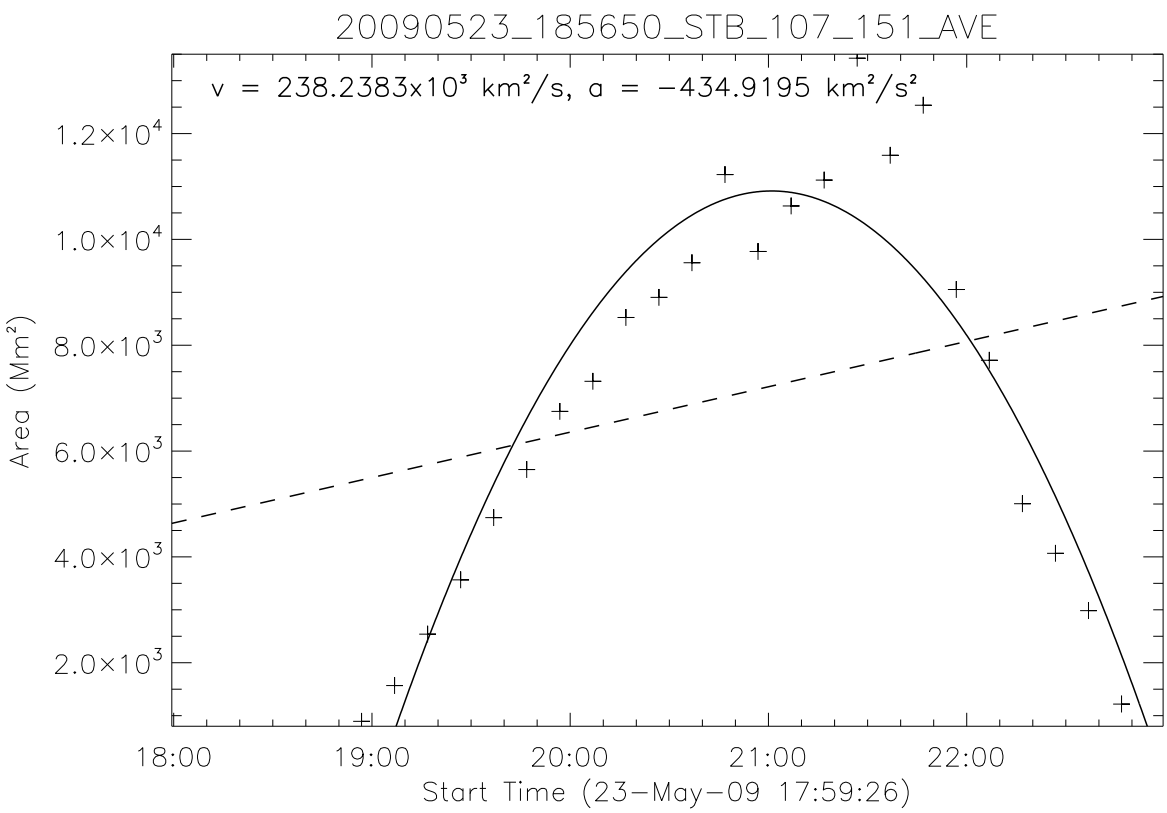
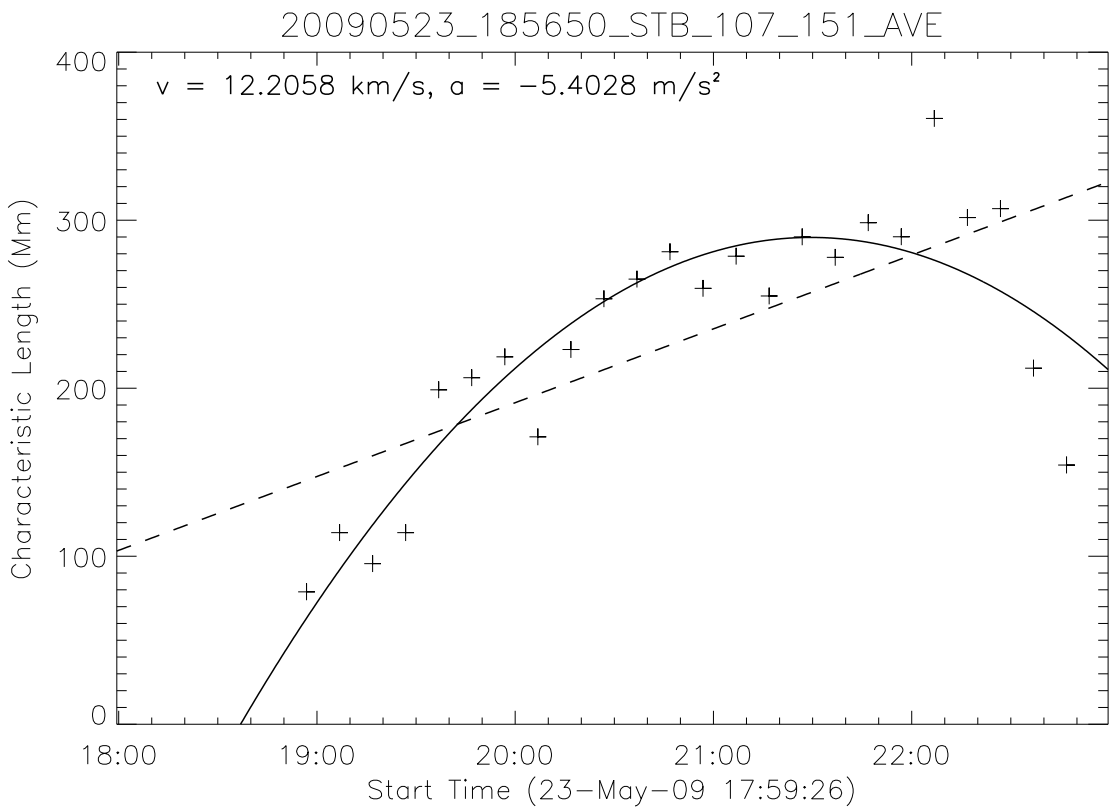
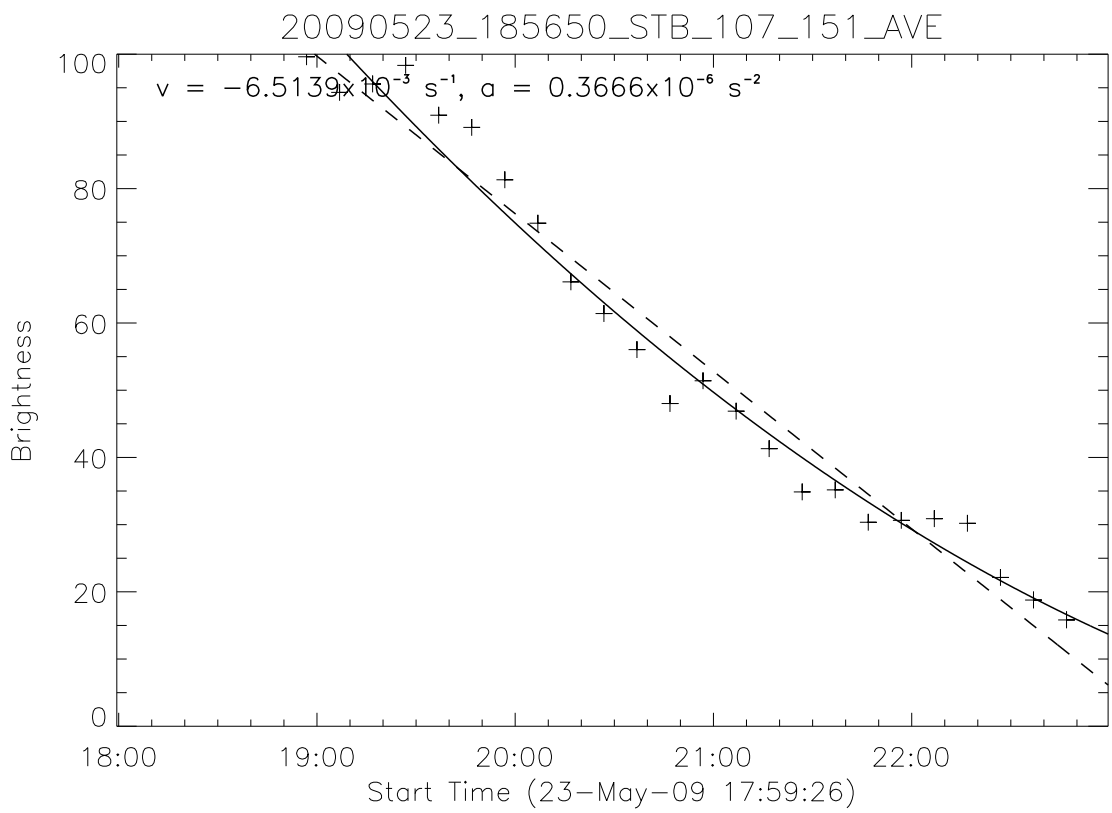

20090523_185650_STB_107_151_AVE
v = 8.5332 km/s, a = 0.5132 m/s²
Heliocentric Distance of Centroid (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
18:00
19:00
20:00
21:00
22:00
Start Time (23−May−09 17:59:26)


20090523_185650_STB_107_151_AVE
v = −2.0762 arcsec/s, a = 0.5356x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
160
155
150
145
140
18:00
19:00
20:00
21:00
22:00
Start Time (23−May−09 17:59:26)


20090523_185650_STB_107_151_AVE
v = 7.8574 km/s, a = −0.6321 m/s²
Leading Edge (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
18:00
19:00
20:00
21:00
22:00
Start Time (23−May−09 17:59:26)


20090523_185650_STB_107_151_AVE
v = 238.2383x10³ km²/s, a = −434.9195 km²/s²
1.2×10⁴
1.0×10⁴
8.0×10³
6.0×10³
4.0×10³
2.0×10³
Area (Mm²)
18:00
19:00
20:00
21:00
22:00
Start Time (23−May−09 17:59:26)


20090523_185650_STB_107_151_AVE
v = 12.2058 km/s, a = −5.4028 m/s²
Characteristic Length (Mm)
400
300
200
100
0
18:00
19:00
20:00
21:00
22:00
Start Time (23−May−09 17:59:26)


20090523_185650_STB_107_151_AVE
v = −6.5139x10⁻³ s⁻¹, a = 0.3666x10⁻⁶ s⁻²
Brightness
100
80
60
40
20
0
18:00
19:00
20:00
21:00
22:00
Start Time (23−May−09 17:59:26)