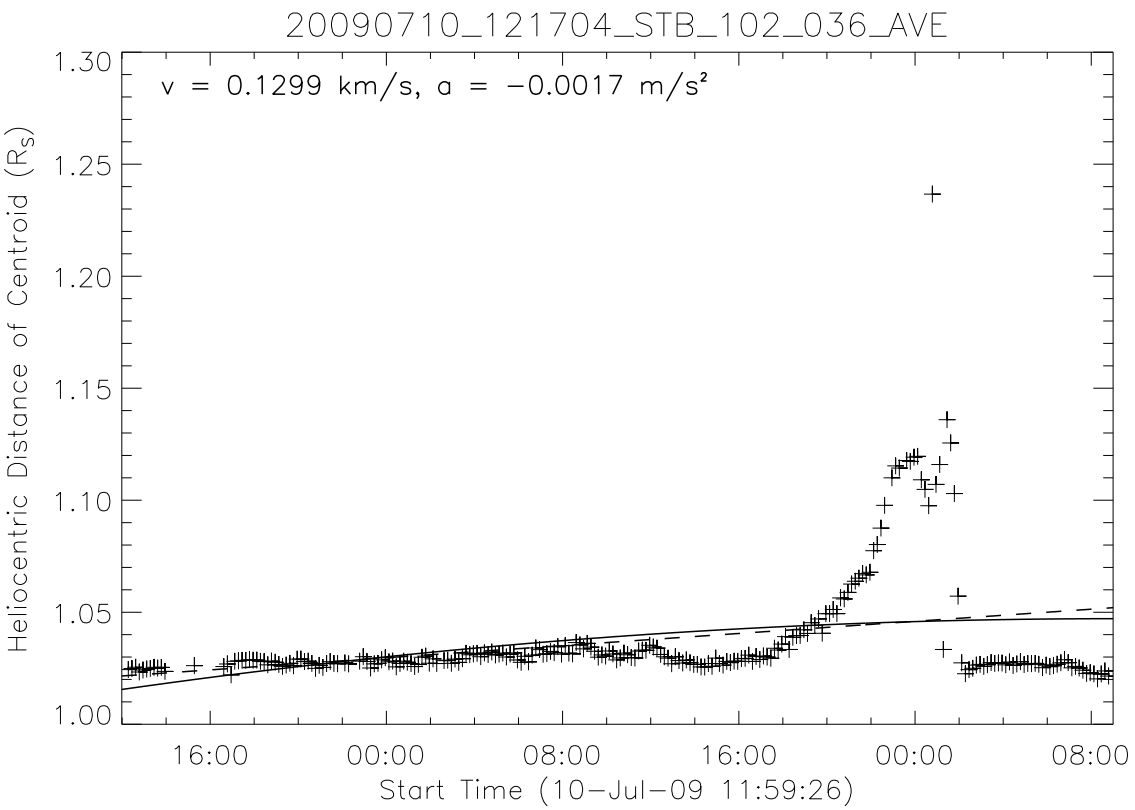
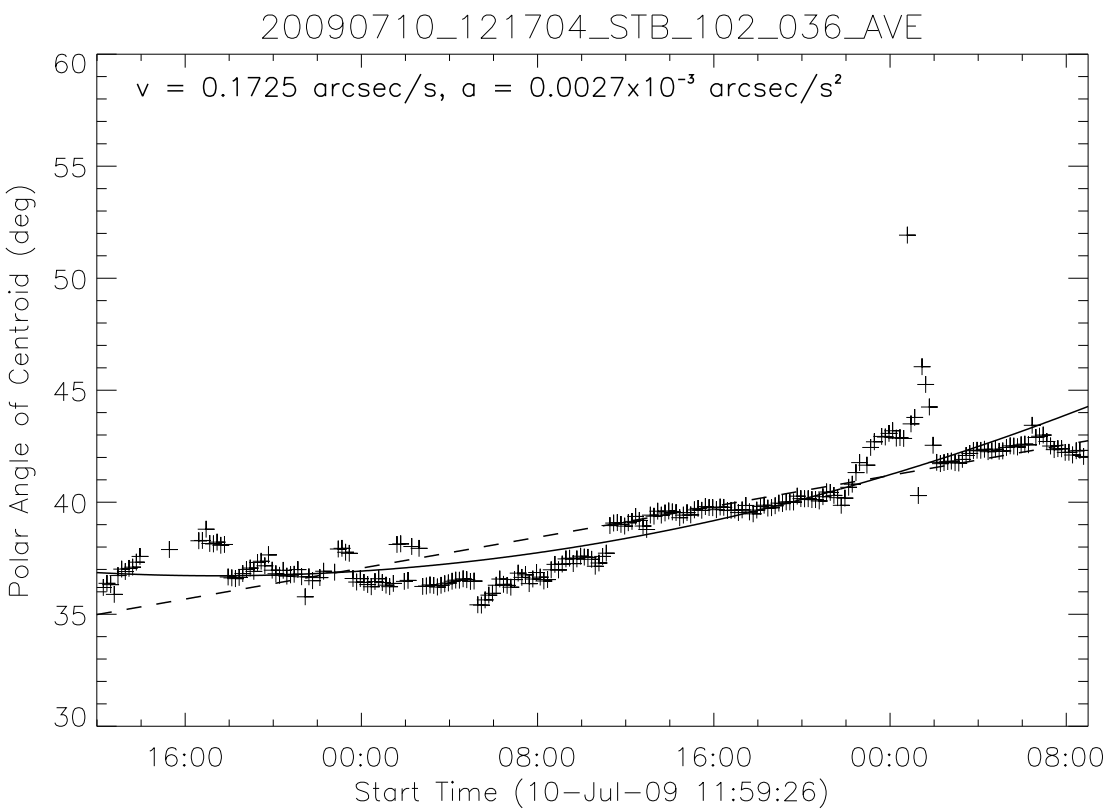
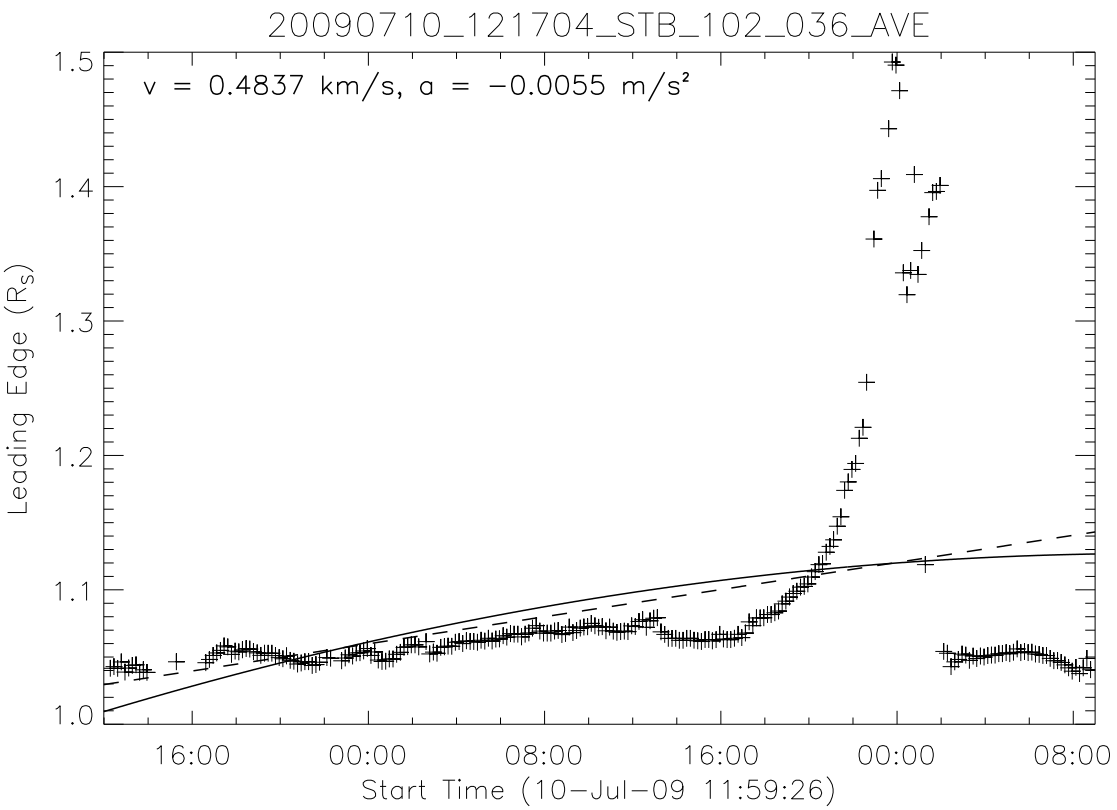
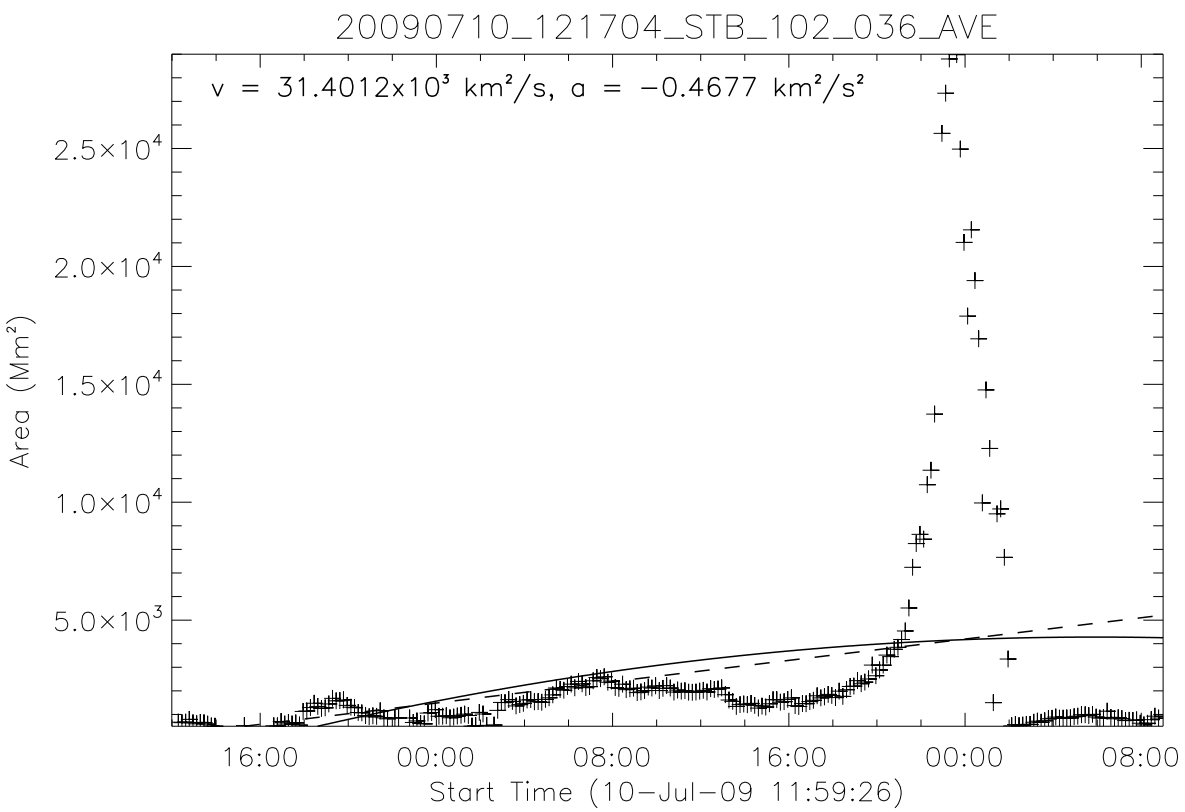
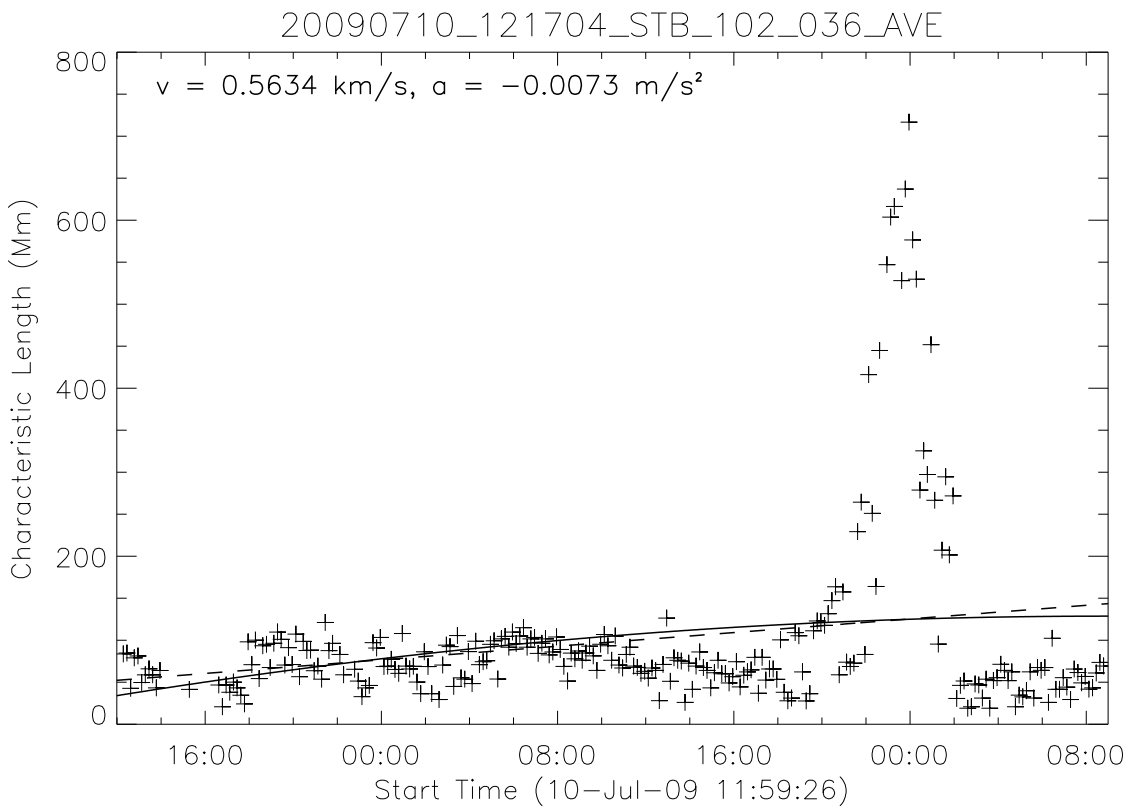
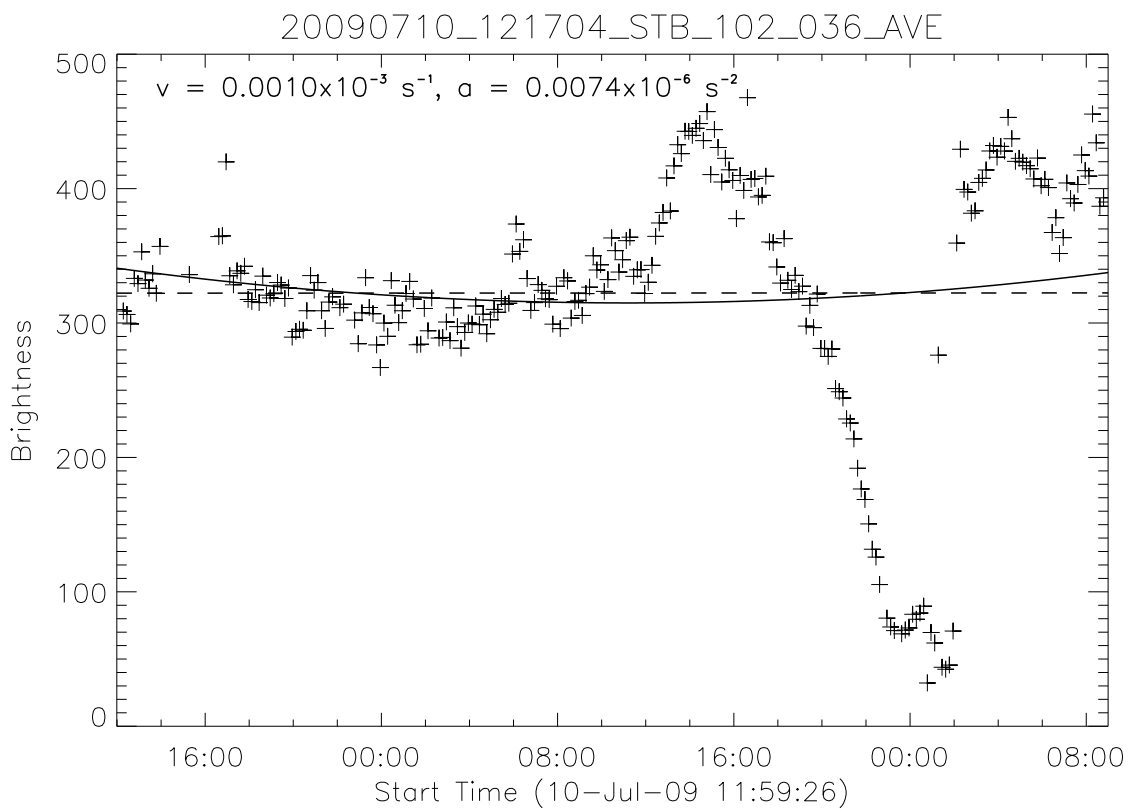

20090710_121704_STB_102_036_AVE
v = 0.1299 km/s, a = −0.0017 m/s²
Heliocentric Distance of Centroid (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
16:00
00:00
08:00
16:00
00:00
08:00
Start Time (10−Jul−09 11:59:26)


20090710_121704_STB_102_036_AVE
v = 0.1725 arcsec/s, a = 0.0027x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
60
55
50
45
40
35
30
16:00
00:00
08:00
16:00
00:00
08:00
Start Time (10-Jul-09 11:59:26)


20090710_121704_STB_102_036_AVE
v = 0.4837 km/s, a = −0.0055 m/s²
Leading Edge (R_S)
1.5
1.4
1.3
1.2
1.1
1.0
16:00
00:00
08:00
16:00
00:00
08:00
Start Time (10−Jul−09 11:59:26)


20090710_121704_STB_102_036_AVE
v = 31.4012x10³ km²/s, a = −0.4677 km²/s²
2.5×10⁴
2.0×10⁴
1.5×10⁴
1.0×10⁴
5.0×10³
Area (Mm²)
16:00
00:00
08:00
16:00
00:00
08:00
Start Time (10−Jul−09 11:59:26)


20090710_121704_STB_102_036_AVE
v = 0.5634 km/s, a = −0.0073 m/s²
Characteristic Length (Mm)
800
600
400
200
0
16:00
00:00
08:00
16:00
00:00
08:00
Start Time (10−Jul−09 11:59:26)


20090710_121704_STB_102_036_AVE
v = 0.0010x10⁻³ s⁻¹, a = 0.0074x10⁻⁶ s⁻²
Brightness
500
400
300
200
100
0
16:00
00:00
08:00
16:00
00:00
08:00
Start Time (10-Jul-09 11:59:26)