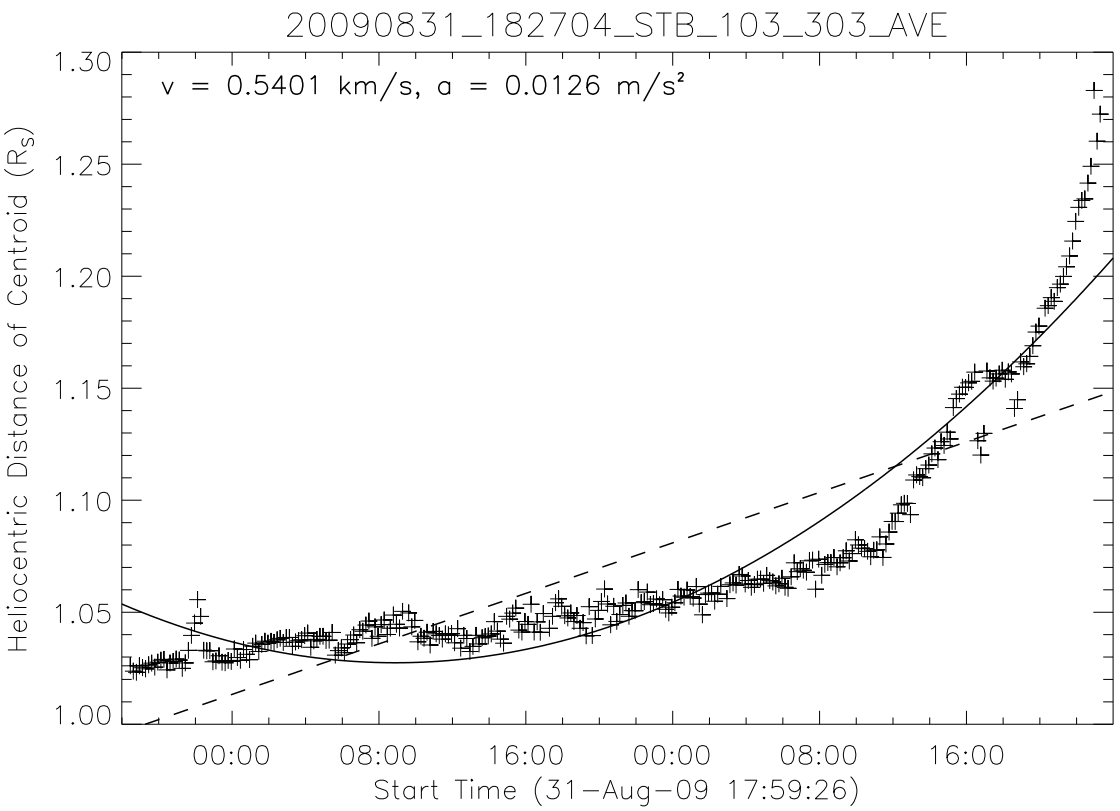
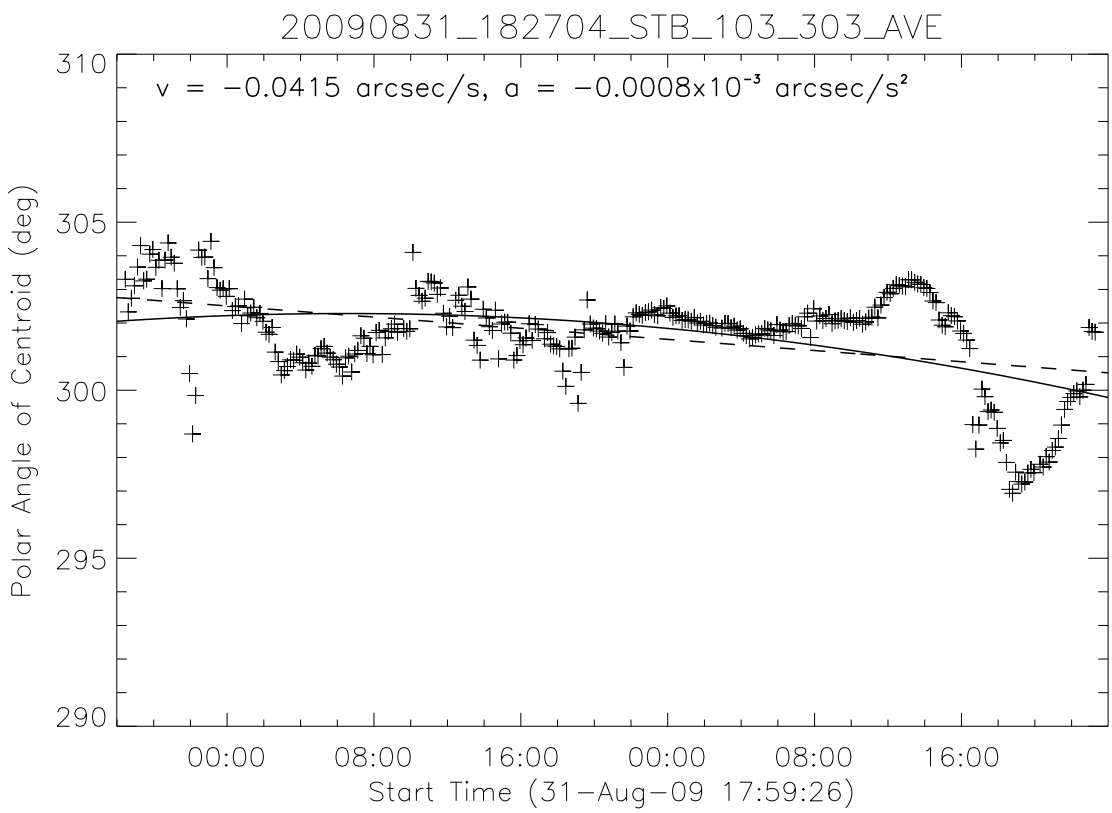
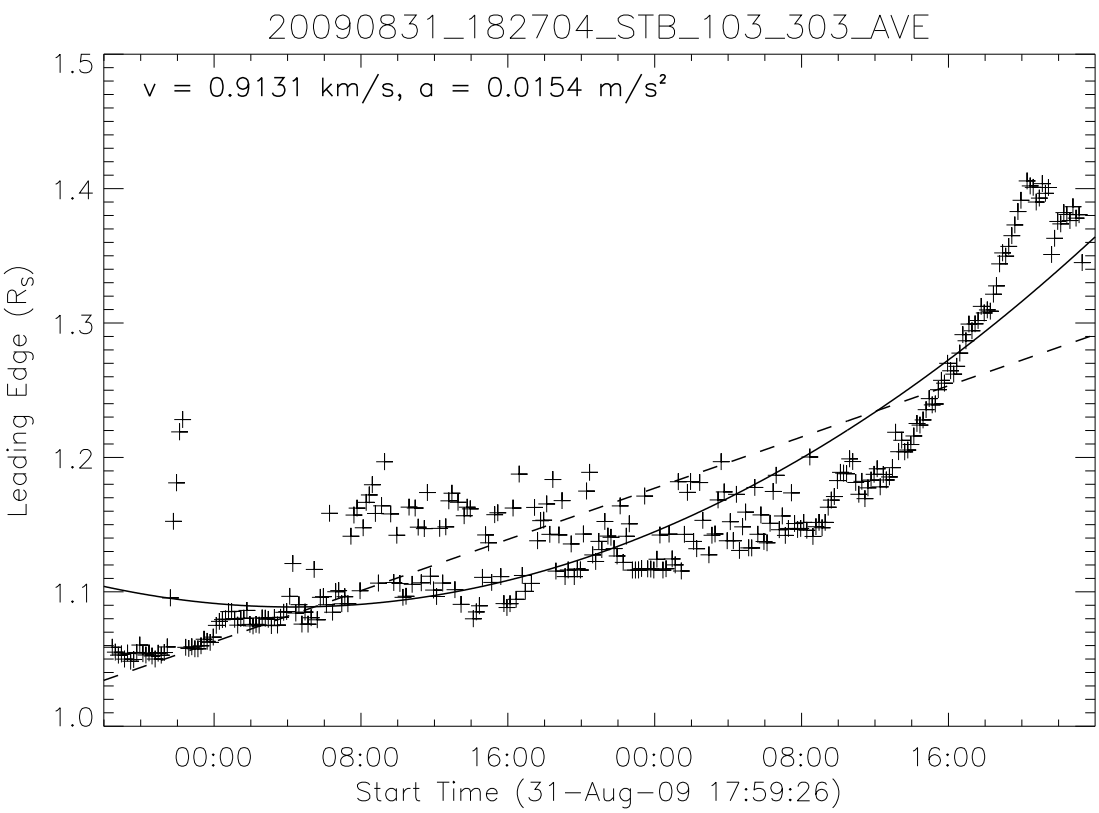
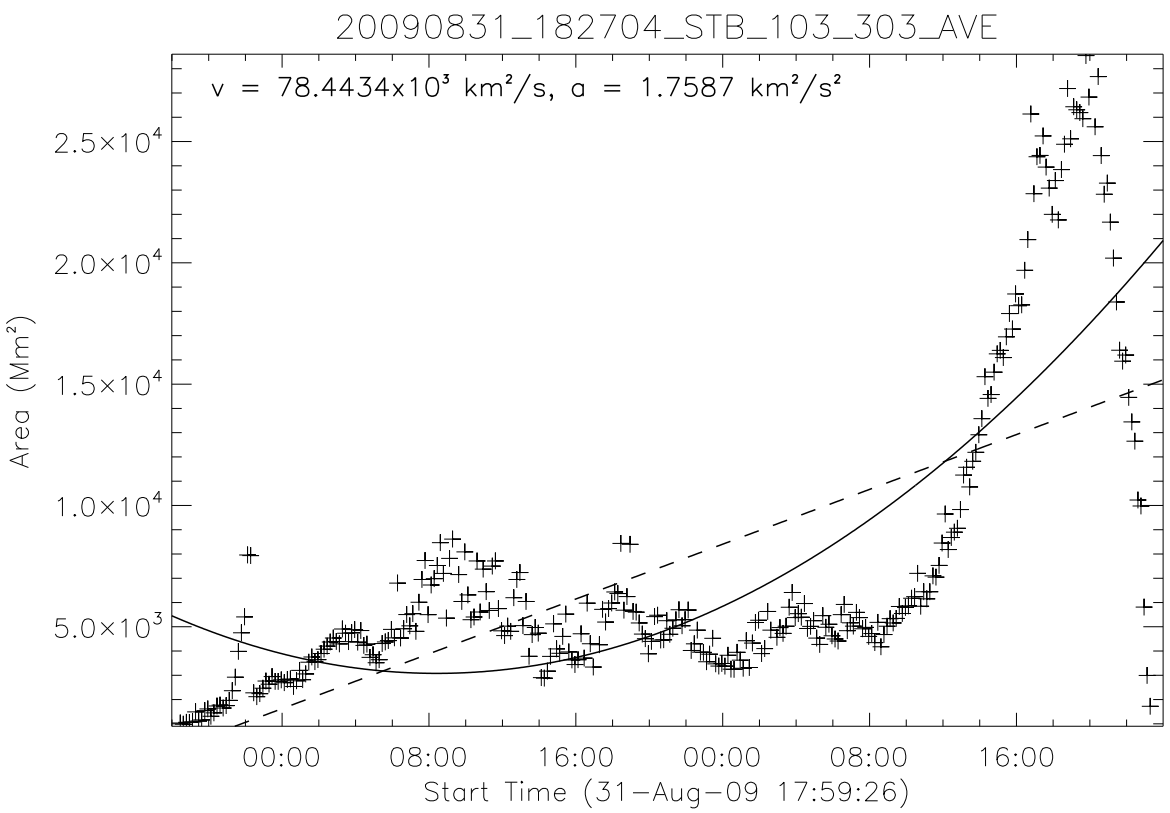
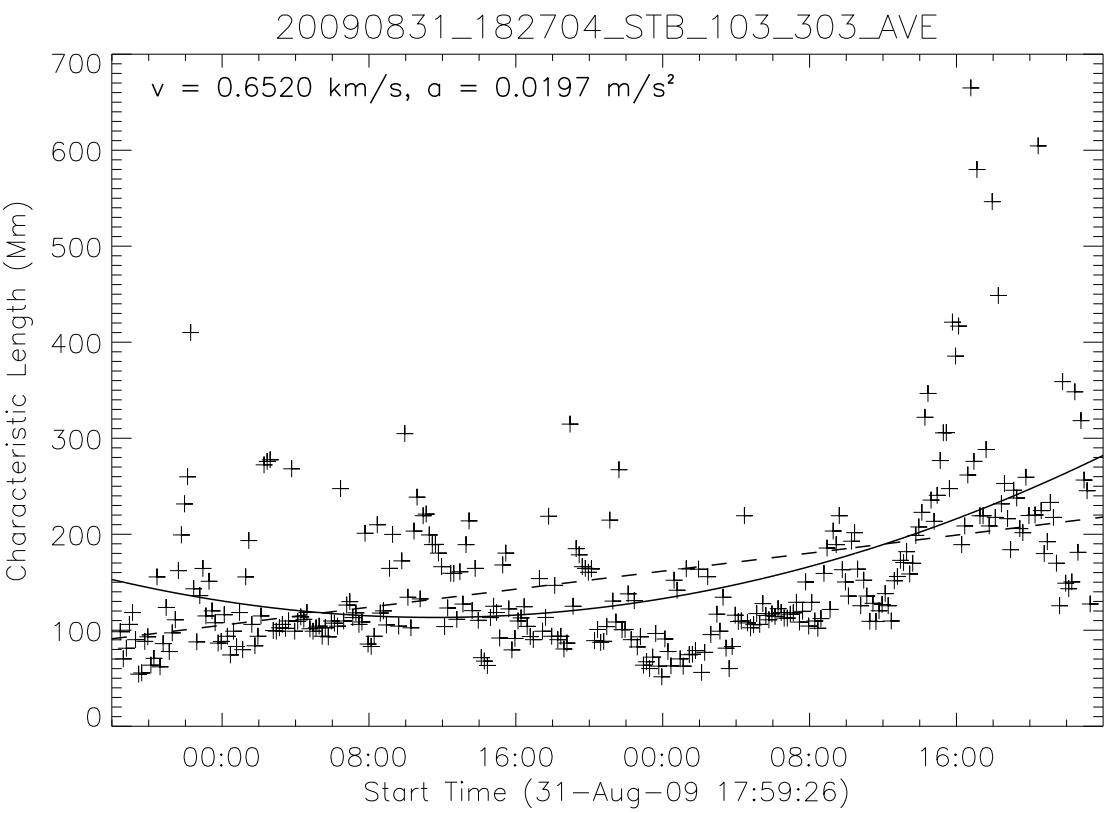
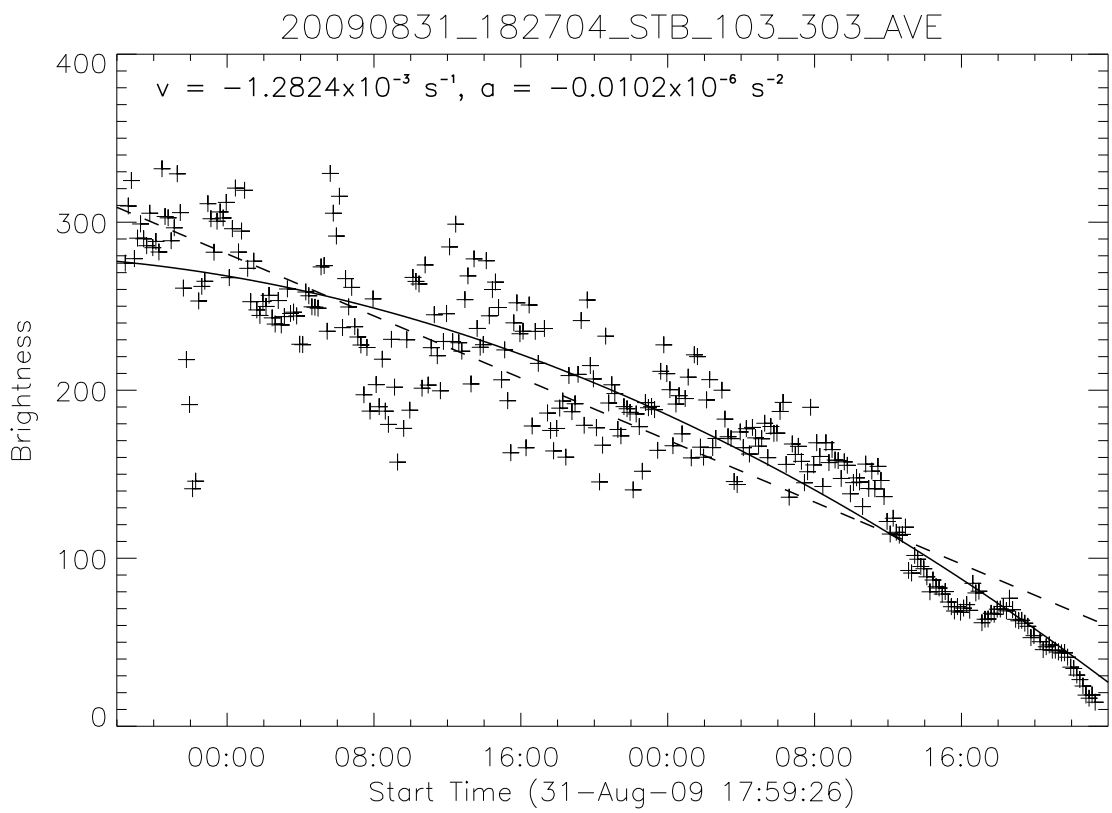

20090831_182704_STB_103_303_AVE
v = 0.5401 km/s, a = 0.0126 m/s²
Heliocentric Distance of Centroid (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
00:00
08:00
16:00
00:00
08:00
16:00
Start Time (31−Aug−09 17:59:26)


20090831_182704_STB_103_303_AVE
v = −0.0415 arcsec/s, a = −0.0008x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
310
305
300
295
290
00:00
08:00
16:00
00:00
08:00
16:00
Start Time (31−Aug−09 17:59:26)


20090831_182704_STB_103_303_AVE
v = 0.9131 km/s, a = 0.0154 m/s²
Leading Edge (Rs)
1.5
1.4
1.3
1.2
1.1
1.0
00:00
08:00
16:00
00:00
08:00
16:00
Start Time (31−Aug−09 17:59:26)


20090831_182704_STB_103_303_AVE
v = 78.4434x10³ km²/s, a = 1.7587 km²/s²
2.5×10⁴
2.0×10⁴
1.5×10⁴
1.0×10⁴
5.0×10³
Area (Mm²)
00:00
08:00
16:00
00:00
08:00
16:00
Start Time (31−Aug−09 17:59:26)


20090831_182704_STB_103_303_AVE
v = 0.6520 km/s, a = 0.0197 m/s²
Characteristic Length (Mm)
700
600
500
400
300
200
100
0
00:00
08:00
16:00
00:00
08:00
16:00
Start Time (31−Aug−09 17:59:26)


20090831_182704_STB_103_303_AVE
v = −1.2824x10⁻³ s⁻¹, a = −0.0102x10⁻⁶ s⁻²
Brightness
400
300
200
100
0
00:00
08:00
16:00
00:00
08:00
16:00
Start Time (31−Aug−09 17:59:26)