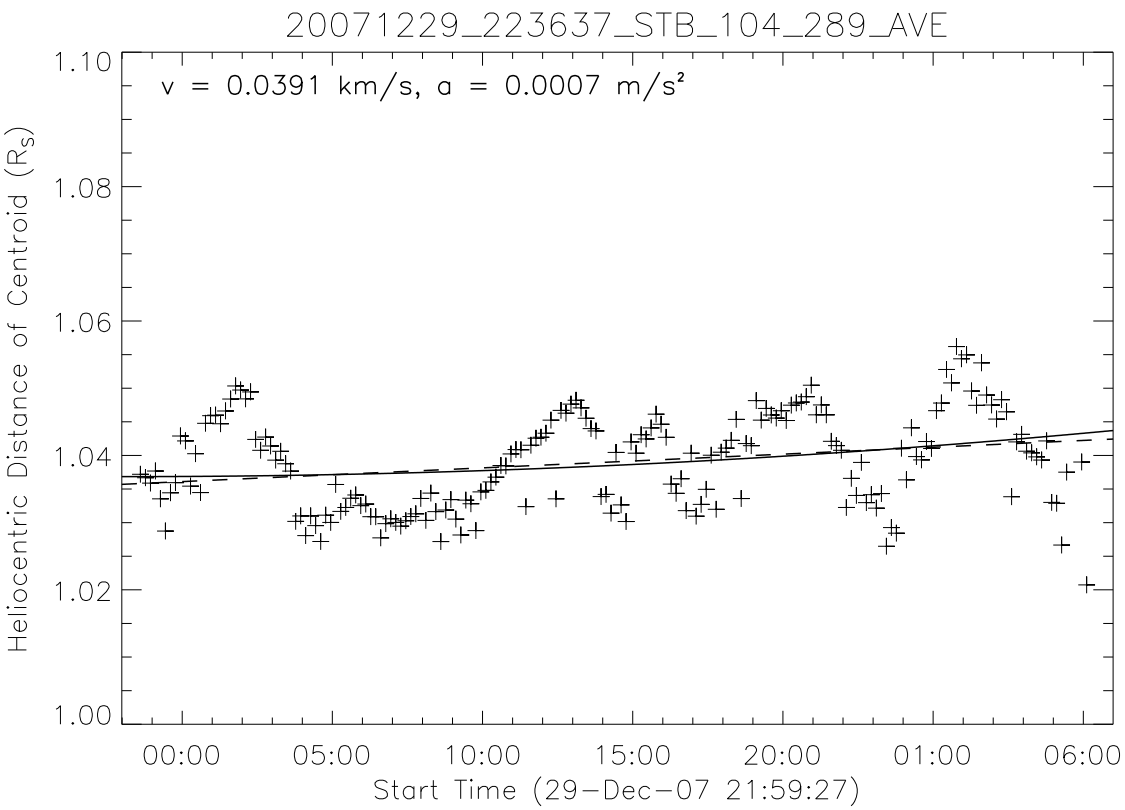
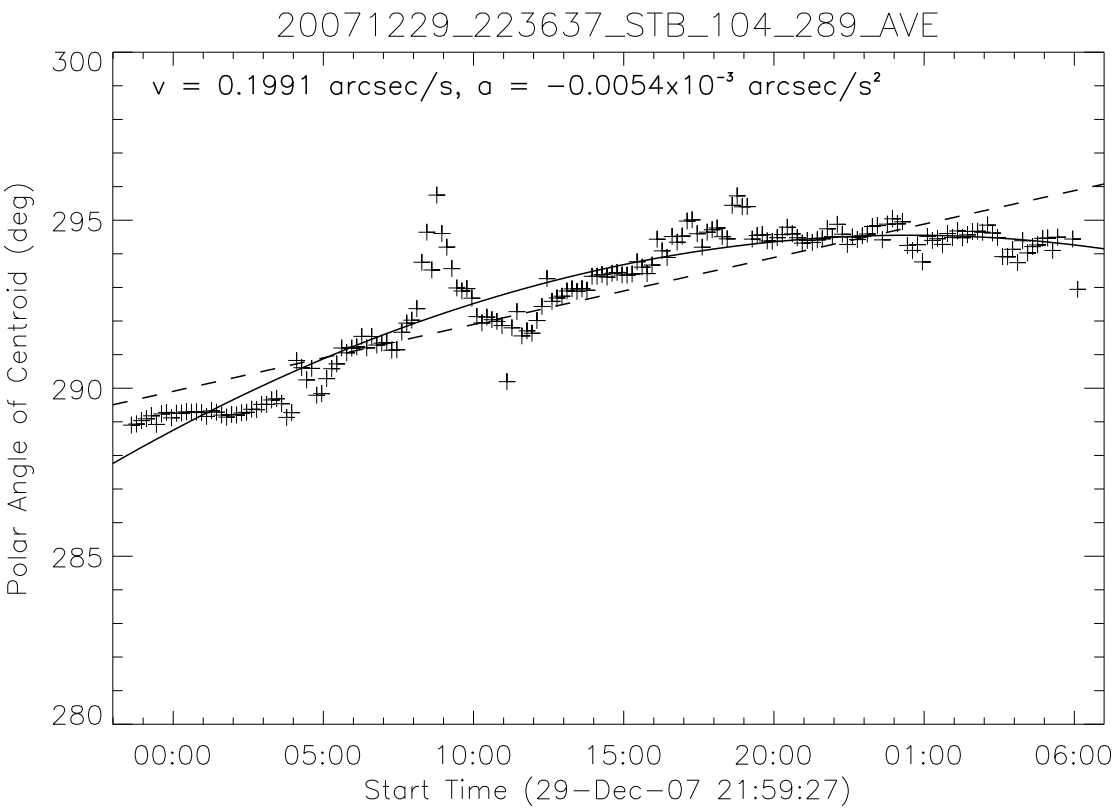
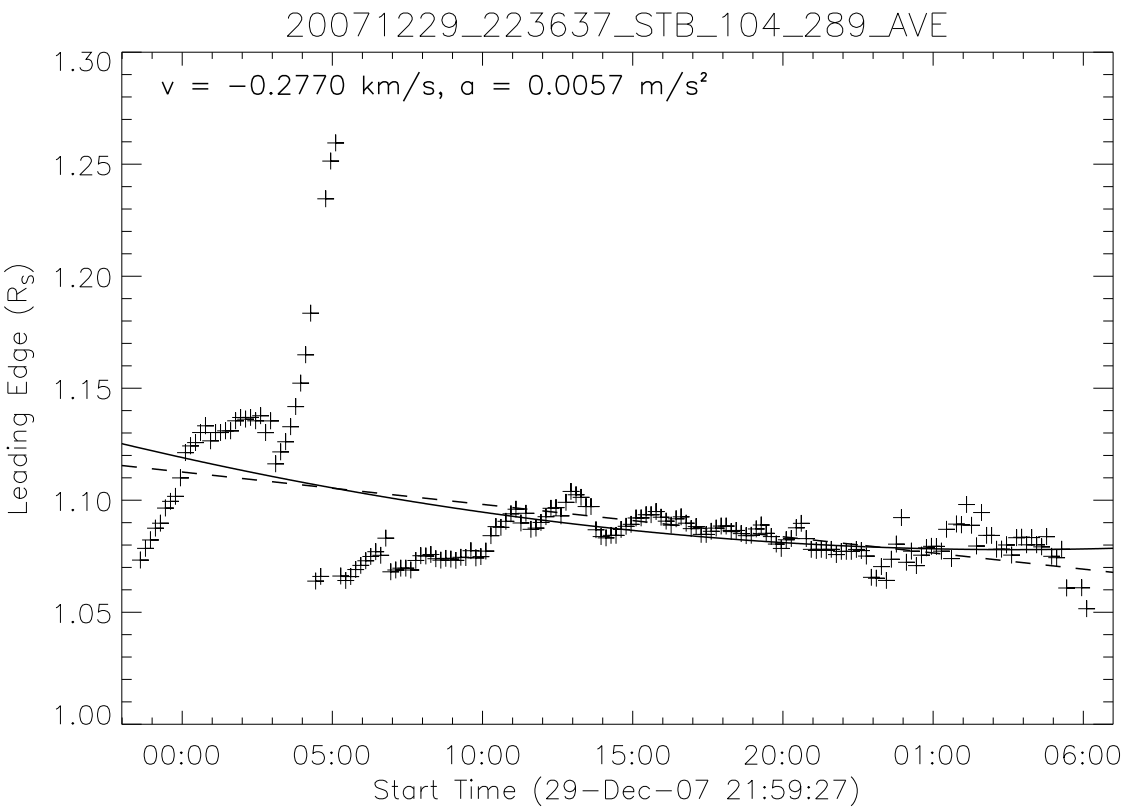
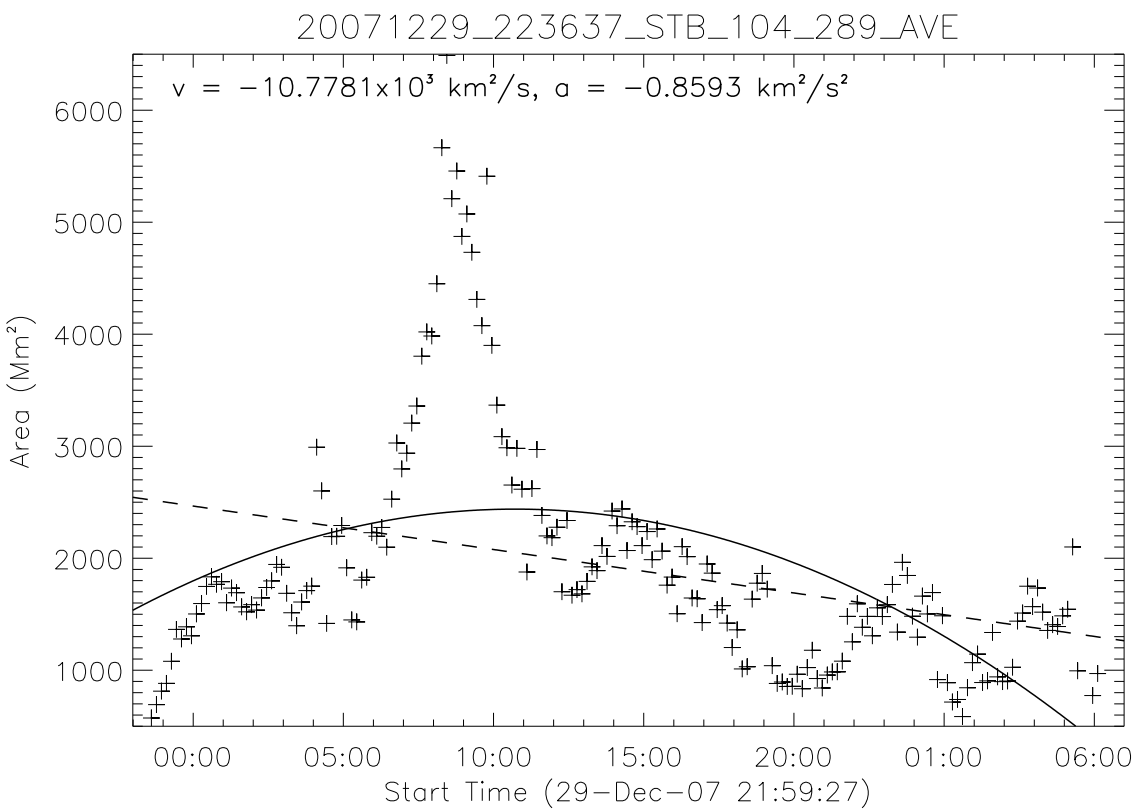
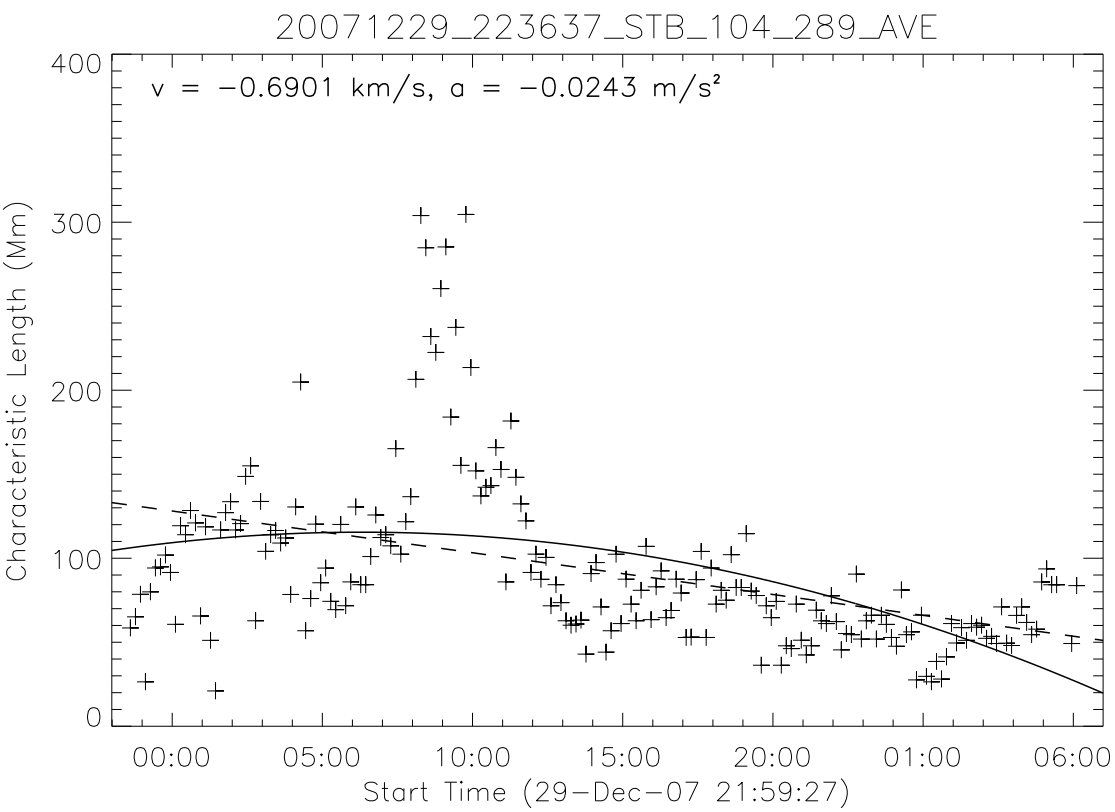
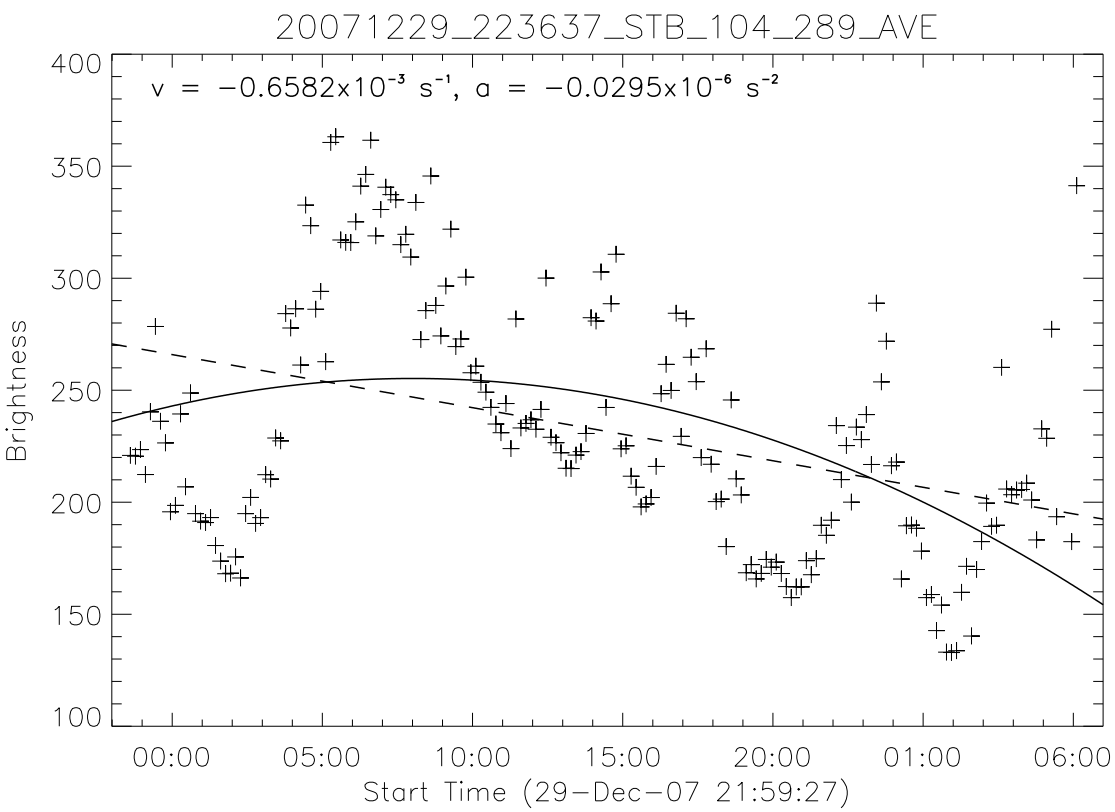

20071229_223637_STB_104_289_AVE
v = 0.0391 km/s, a = 0.0007 m/s²
Heliocentric Distance of Centroid (Rs)
1.10
1.08
1.06
1.04
1.02
1.00
00:00
05:00
10:00
15:00
20:00
01:00
06:00
Start Time (29−Dec−07 21:59:27)


20071229_223637_STB_104_289_AVE
v = 0.1991 arcsec/s, a = −0.0054x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
300
295
290
285
280
00:00
05:00
10:00
15:00
20:00
01:00
06:00
Start Time (29−Dec−07 21:59:27)


20071229_223637_STB_104_289_AVE
v = −0.2770 km/s, a = 0.0057 m/s²
Leading Edge (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
00:00
05:00
10:00
15:00
20:00
01:00
06:00
Start Time (29−Dec−07 21:59:27)


20071229_223637_STB_104_289_AVE
v = −10.7781x10³ km²/s, a = −0.8593 km²/s²
Area (Mm²)
6000
5000
4000
3000
2000
1000
00:00
05:00
10:00
15:00
20:00
01:00
06:00
Start Time (29−Dec−07 21:59:27)


20071229_223637_STB_104_289_AVE
v = −0.6901 km/s, a = −0.0243 m/s²
Characteristic Length (Mm)
400
300
200
100
0
00:00
05:00
10:00
15:00
20:00
01:00
06:00
Start Time (29−Dec−07 21:59:27)


20071229_223637_STB_104_289_AVE
v = −0.6582x10⁻³ s⁻¹, a = −0.0295x10⁻⁶ s⁻²
Brightness
400
350
300
250
200
150
100
00:00
05:00
10:00
15:00
20:00
01:00
06:00
Start Time (29−Dec−07 21:59:27)