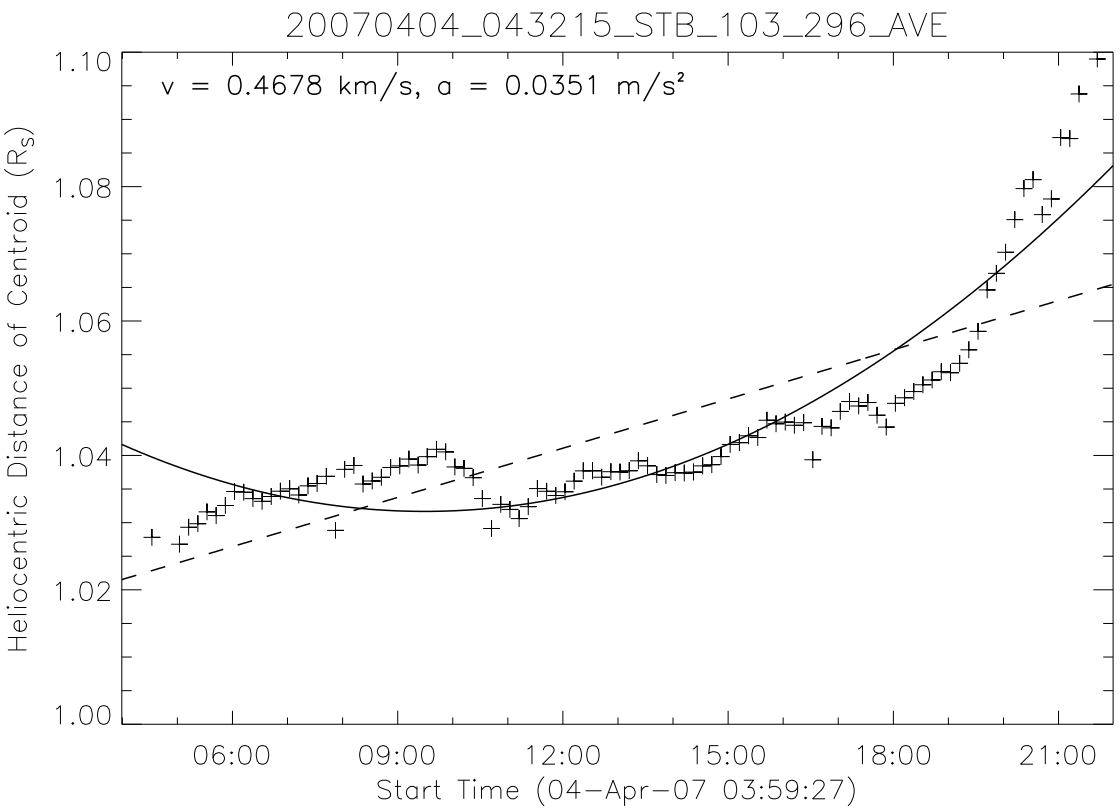
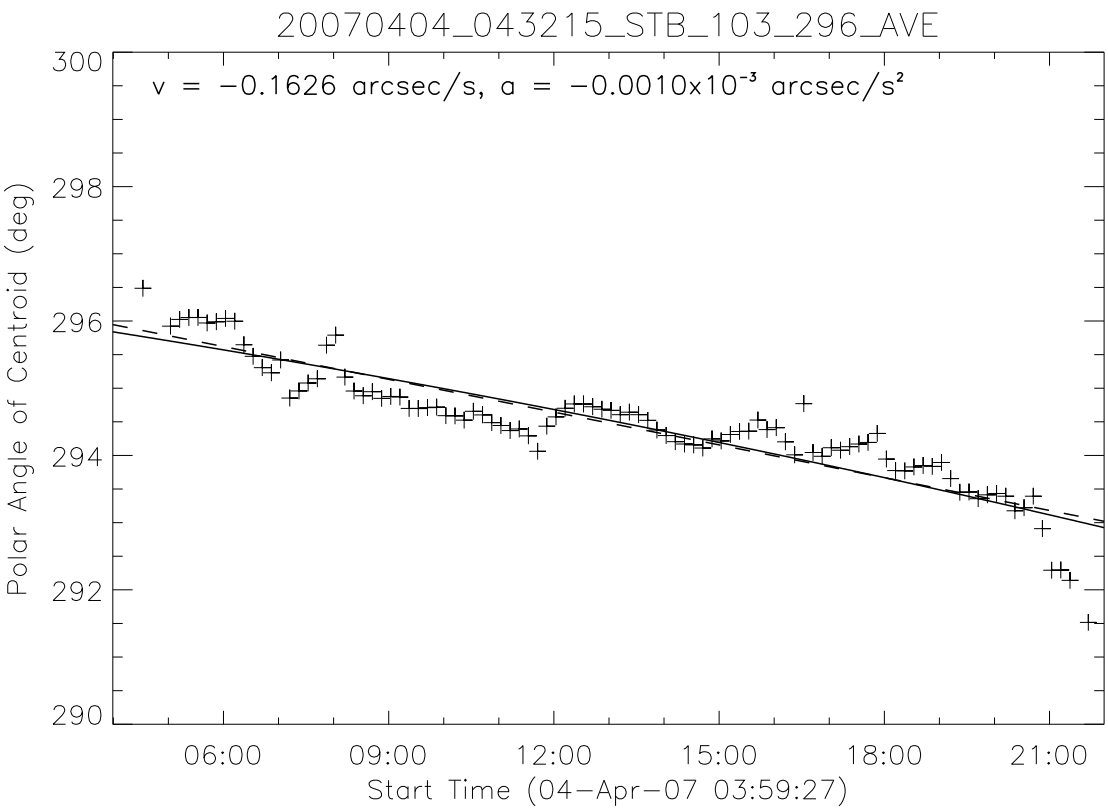
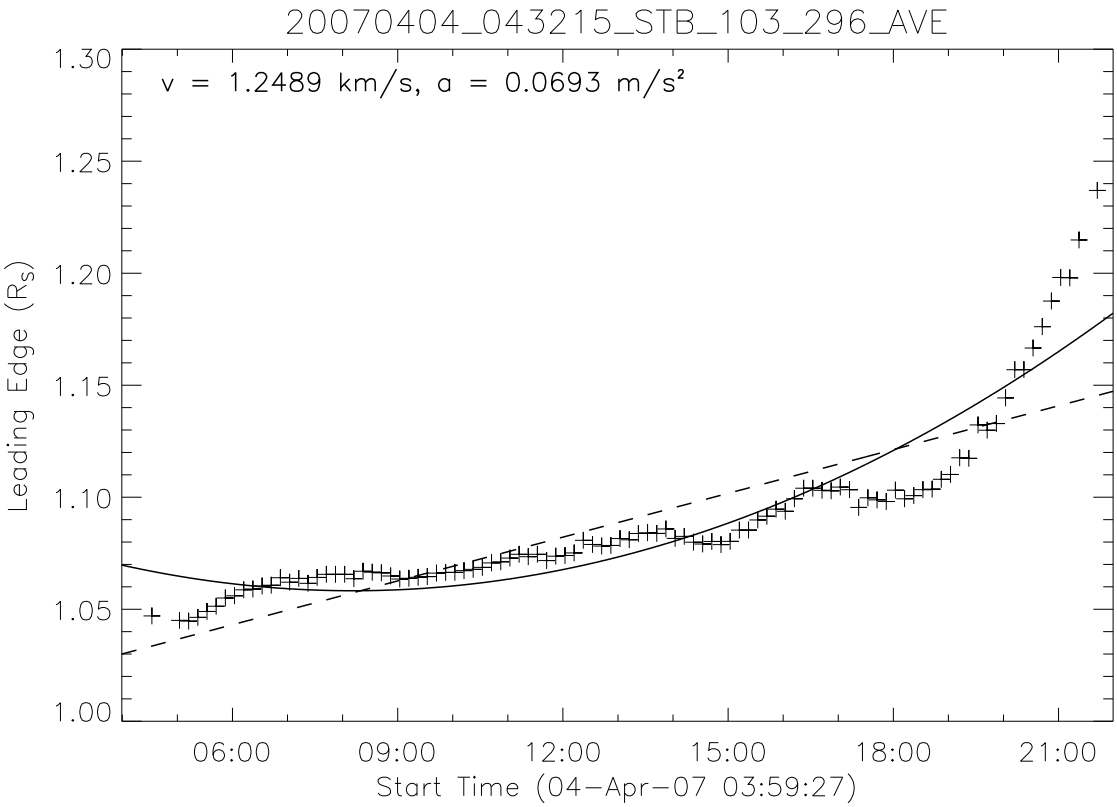
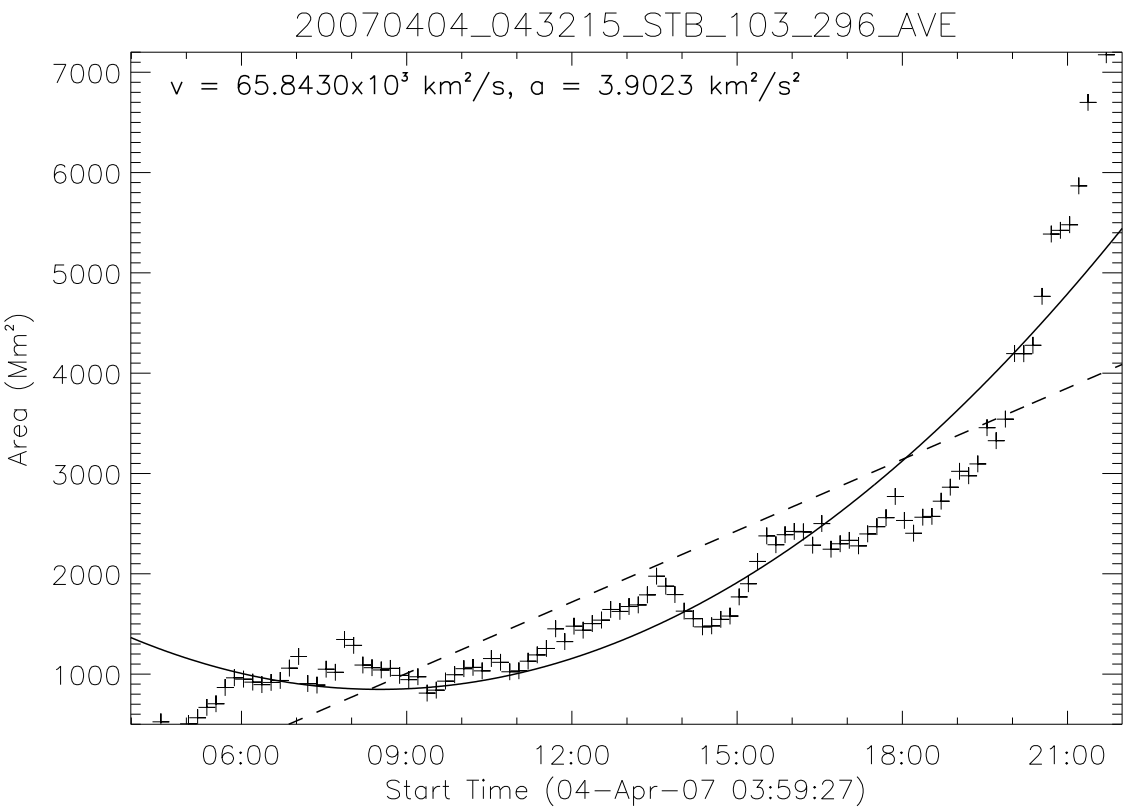
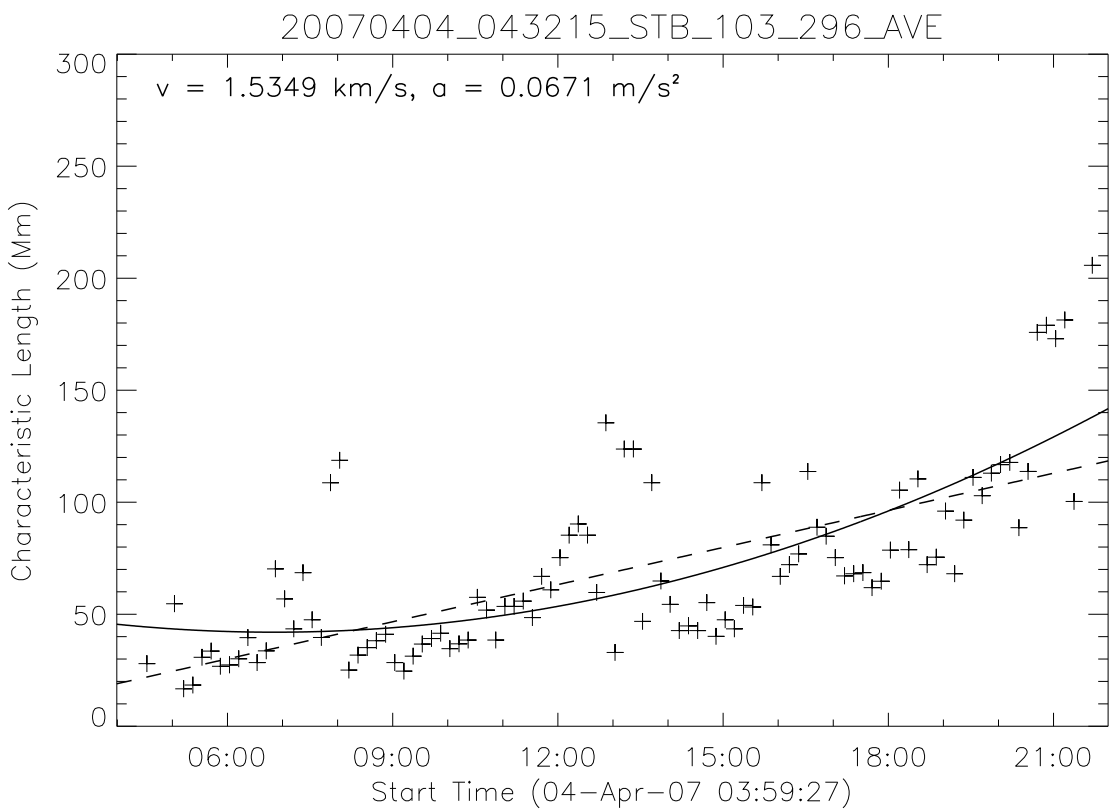
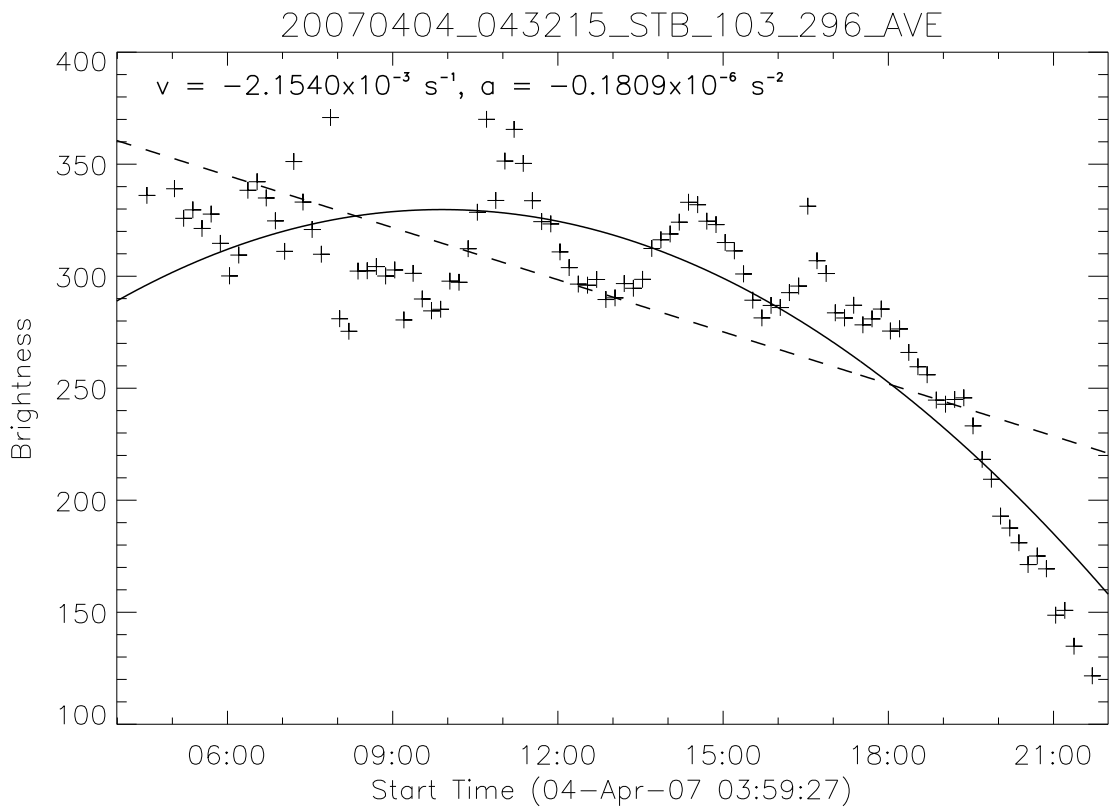

20070404_043215_STB_103_296_AVE
v = 0.4678 km/s, a = 0.0351 m/s²
Heliocentric Distance of Centroid (Rs)
1.10
1.08
1.06
1.04
1.02
1.00
06:00
09:00
12:00
15:00
18:00
21:00
Start Time (04−Apr−07 03:59:27)


20070404_043215_STB_103_296_AVE
v = −0.1626 arcsec/s, a = −0.0010x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
300
298
296
294
292
290
06:00
09:00
12:00
15:00
18:00
21:00
Start Time (04−Apr−07 03:59:27)


20070404_043215_STB_103_296_AVE
v = 1.2489 km/s, a = 0.0693 m/s²
Leading Edge (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
06:00
09:00
12:00
15:00
18:00
21:00
Start Time (04−Apr−07 03:59:27)


20070404_043215_STB_103_296_AVE
v = 65.8430x10³ km²/s, a = 3.9023 km²/s²
Area (Mm²)
7000
6000
5000
4000
3000
2000
1000
06:00
09:00
12:00
15:00
18:00
21:00
Start Time (04-Apr-07 03:59:27)


20070404_043215_STB_103_296_AVE
v = 1.5349 km/s, a = 0.0671 m/s²
Characteristic Length (Mm)
300
250
200
150
100
50
0
06:00
09:00
12:00
15:00
18:00
21:00
Start Time (04−Apr−07 03:59:27)


20070404_043215_STB_103_296_AVE
v = −2.1540x10⁻³ s⁻¹, a = −0.1809x10⁻⁶ s⁻²
Brightness
400
350
300
250
200
150
100
06:00
09:00
12:00
15:00
18:00
21:00
Start Time (04−Apr−07 03:59:27)