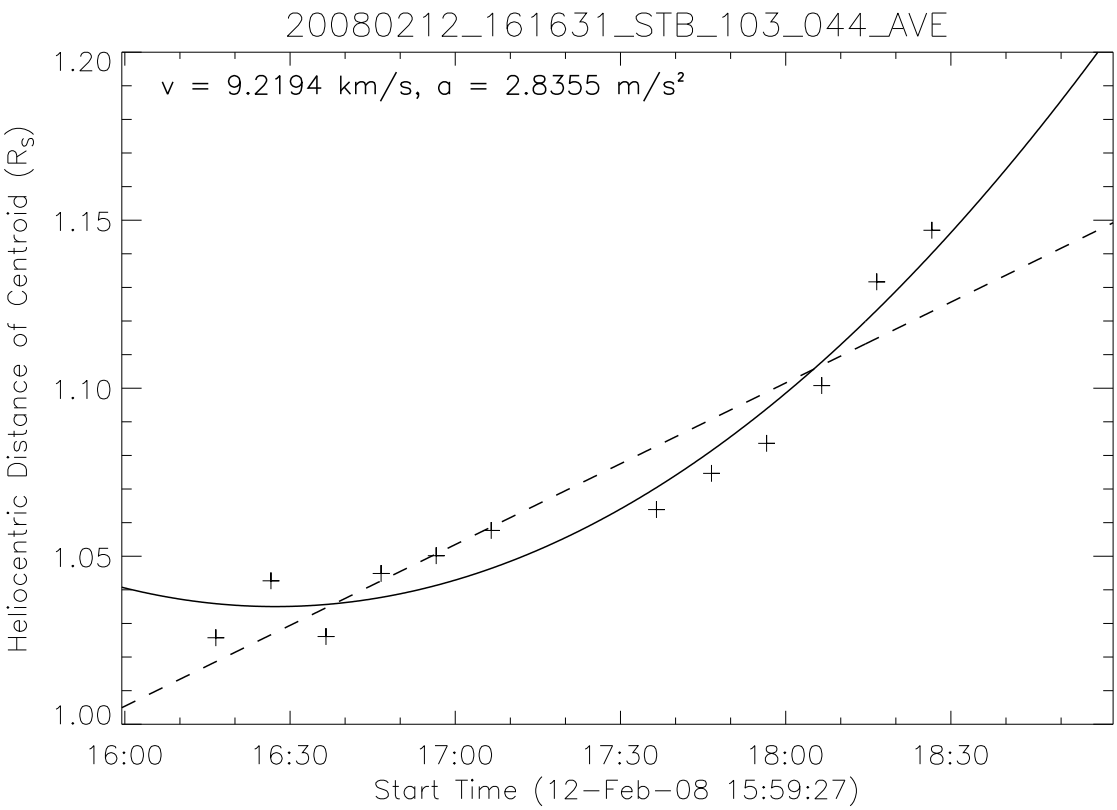
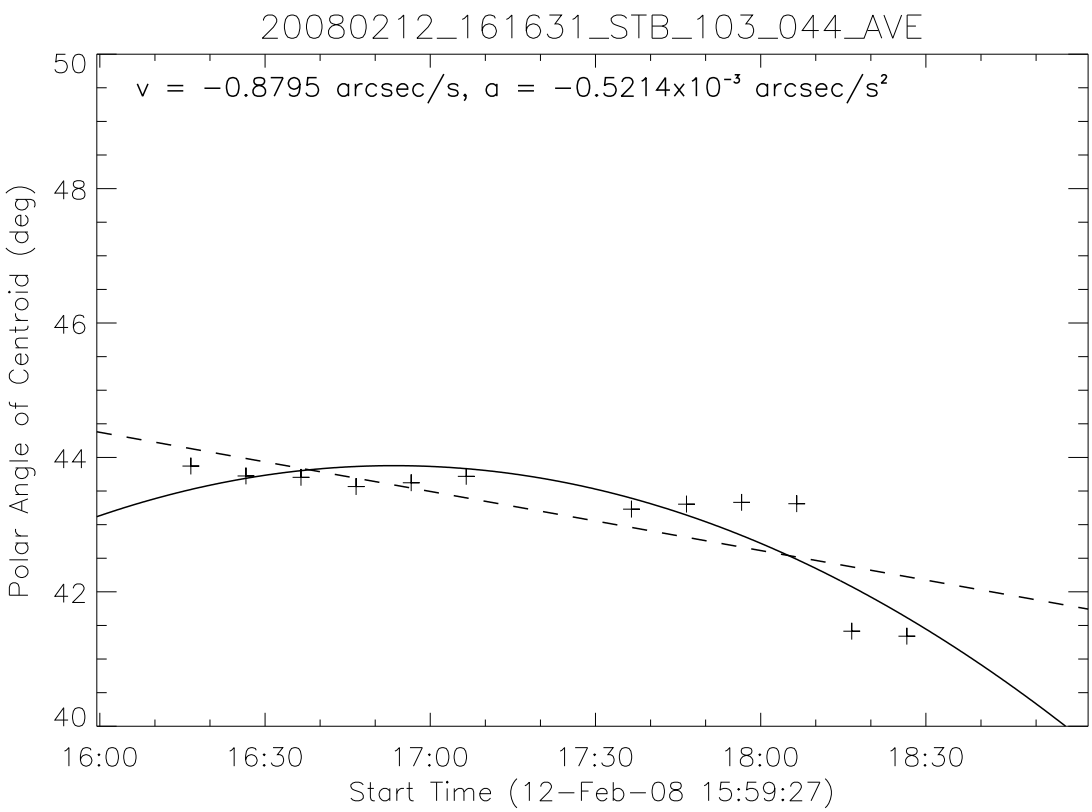
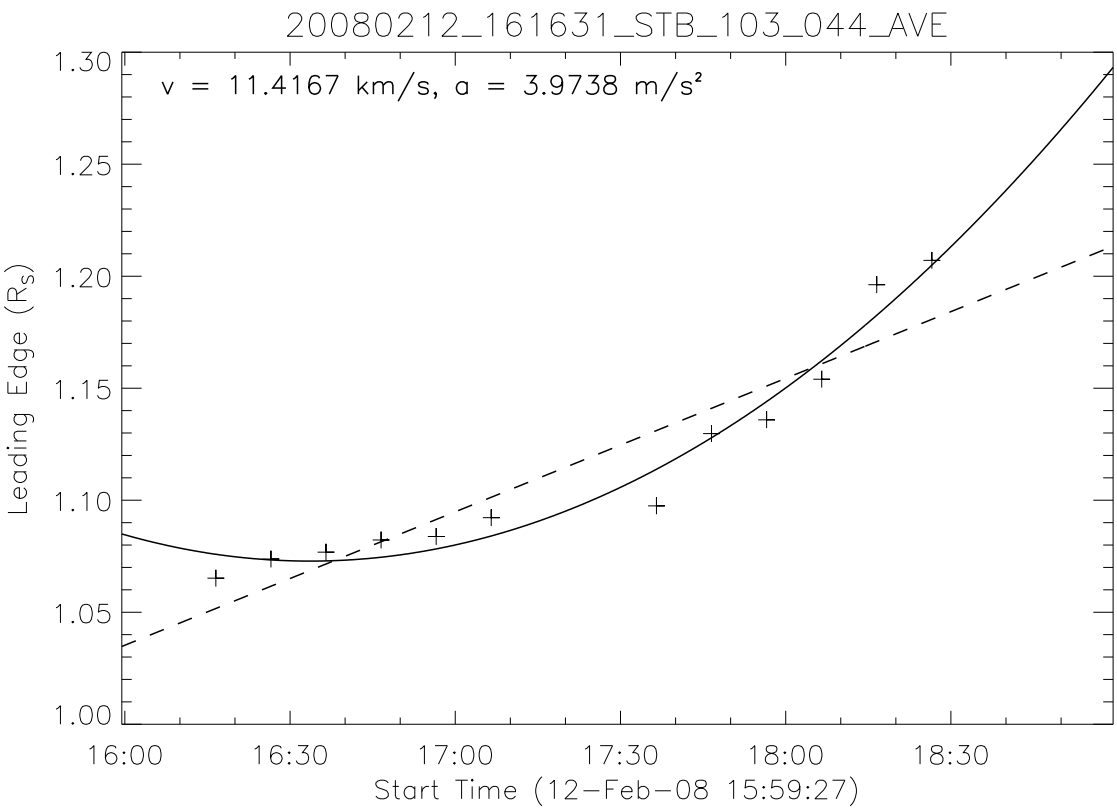
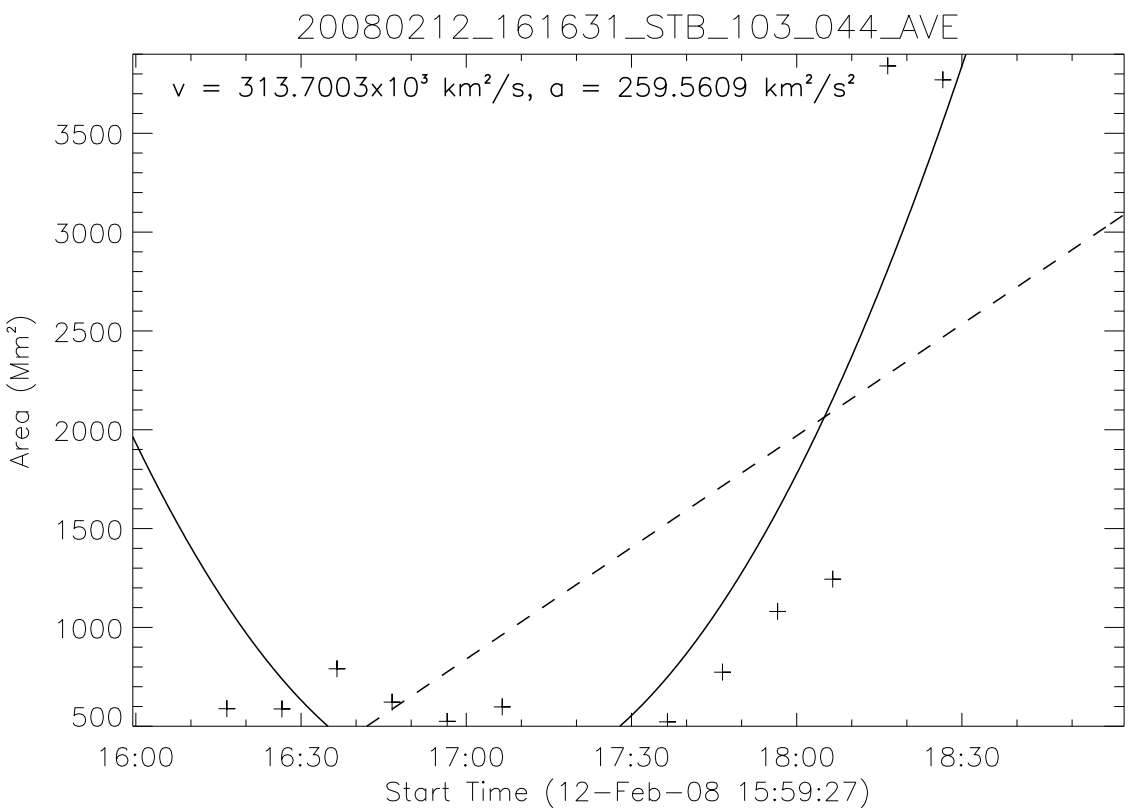
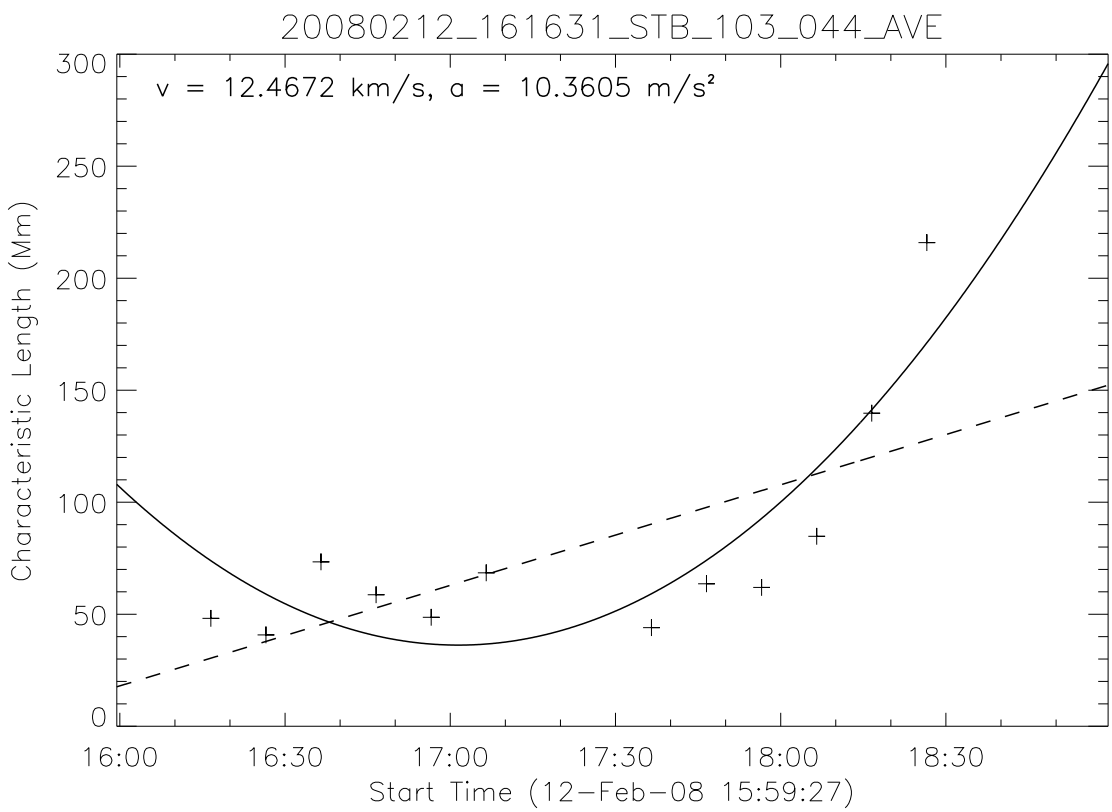
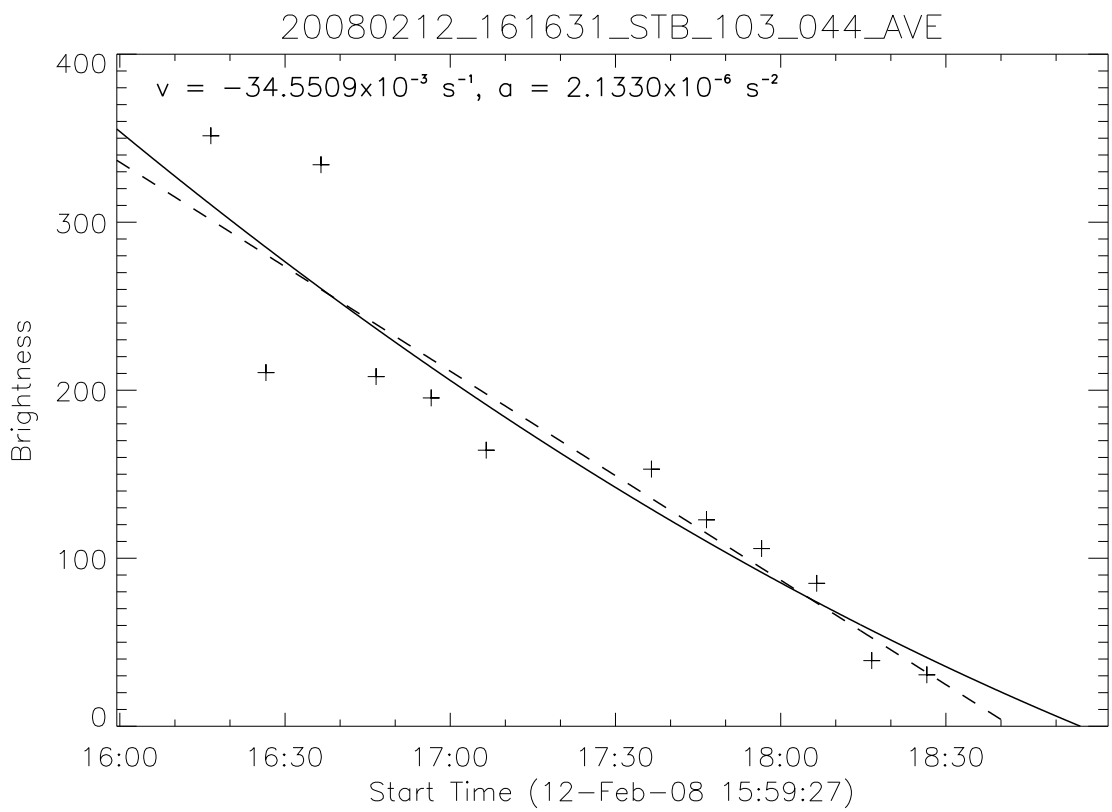

20080212_161631_STB_103_044_AVE
v = 9.2194 km/s, a = 2.8355 m/s²
Heliocentric Distance of Centroid (Rs)
1.20
1.15
1.10
1.05
1.00
16:00
16:30
17:00
17:30
18:00
18:30
Start Time (12−Feb−08 15:59:27)


20080212_161631_STB_103_044_AVE
v = −0.8795 arcsec/s, a = −0.5214x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
50
48
46
44
42
40
16:00
16:30
17:00
17:30
18:00
18:30
Start Time (12−Feb−08 15:59:27)


20080212_161631_STB_103_044_AVE
v = 11.4167 km/s, a = 3.9738 m/s²
Leading Edge (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
16:00
16:30
17:00
17:30
18:00
18:30
Start Time (12-Feb-08 15:59:27)


20080212_161631_STB_103_044_AVE
v = 313.7003x10³ km²/s, a = 259.5609 km²/s²
Area (Mm²)
3500
3000
2500
2000
1500
1000
500
16:00
16:30
17:00
17:30
18:00
18:30
Start Time (12-Feb-08 15:59:27)


20080212_161631_STB_103_044_AVE
v = 12.4672 km/s, a = 10.3605 m/s²
Characteristic Length (Mm)
300
250
200
150
100
50
0
16:00
16:30
17:00
17:30
18:00
18:30
Start Time (12−Feb−08 15:59:27)


20080212_161631_STB_103_044_AVE
v = −34.5509x10⁻³ s⁻¹, a = 2.1330x10⁻⁶ s⁻²
Brightness
400
300
200
100
0
16:00
16:30
17:00
17:30
18:00
18:30
Start Time (12−Feb−08 15:59:27)