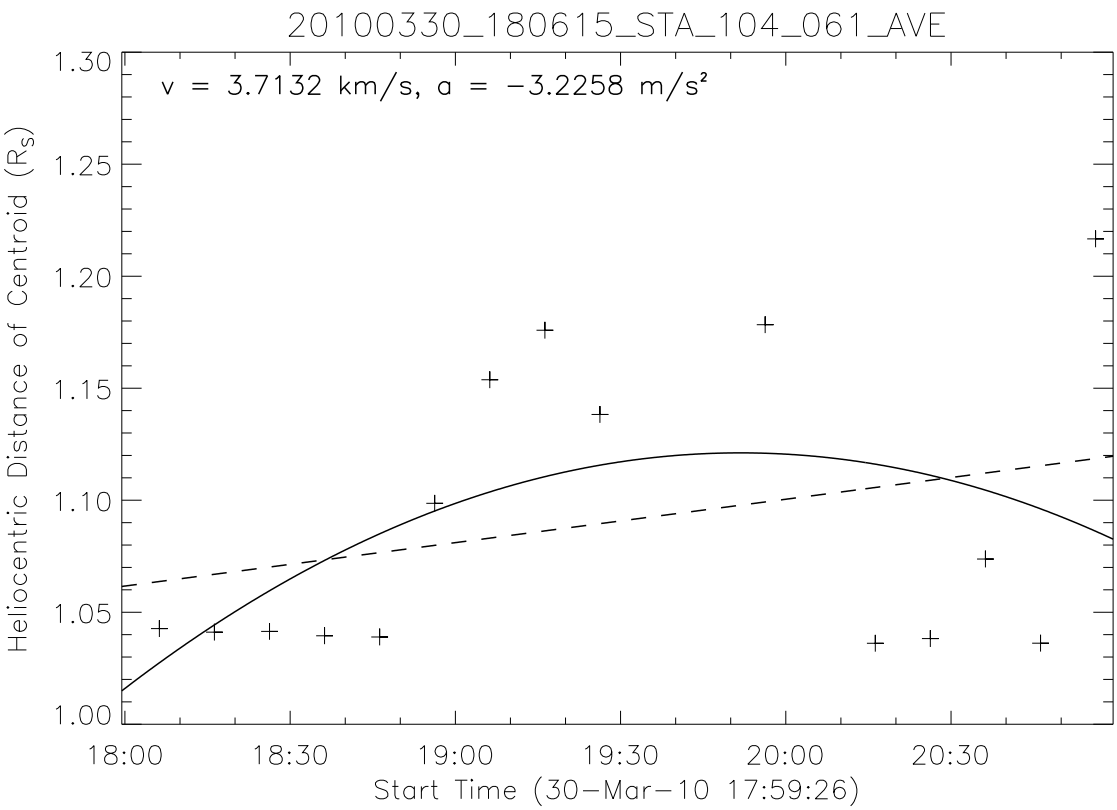
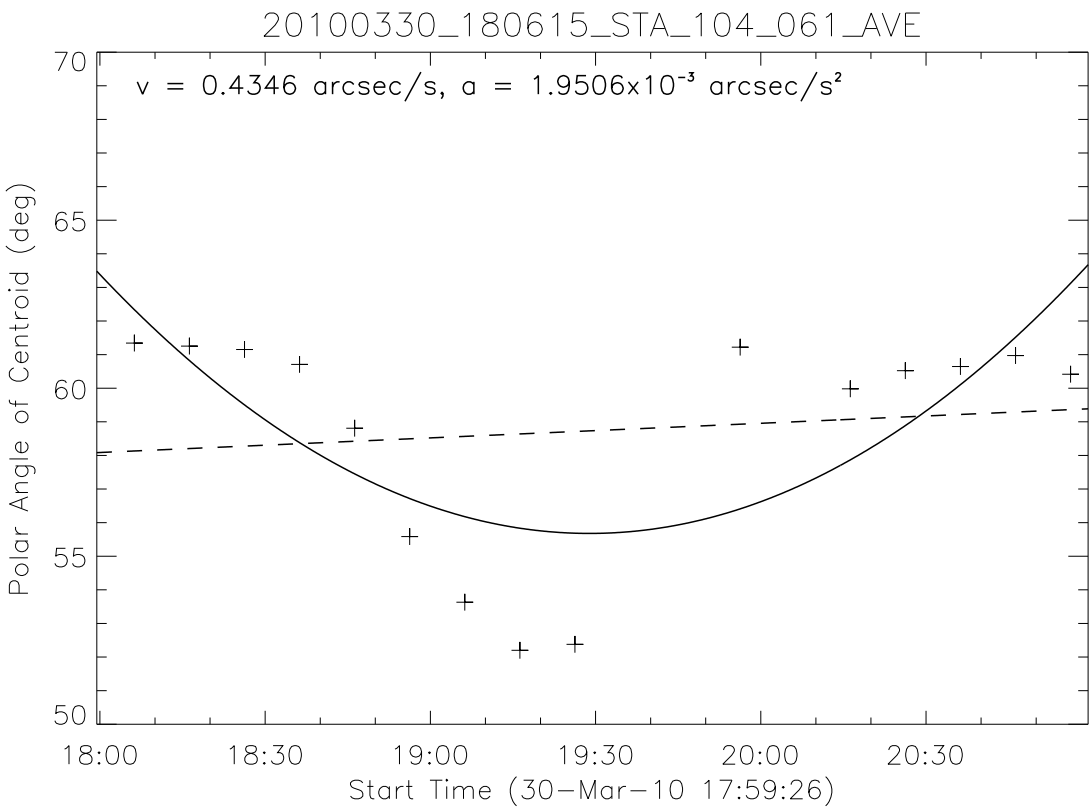
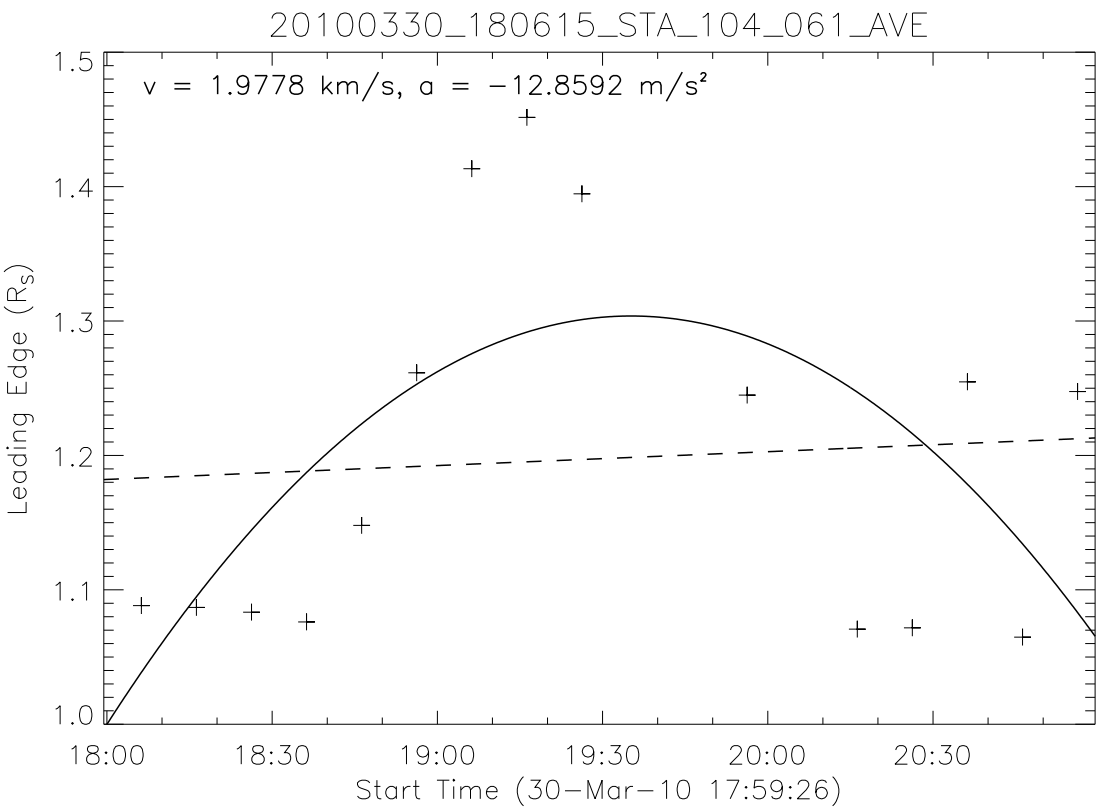
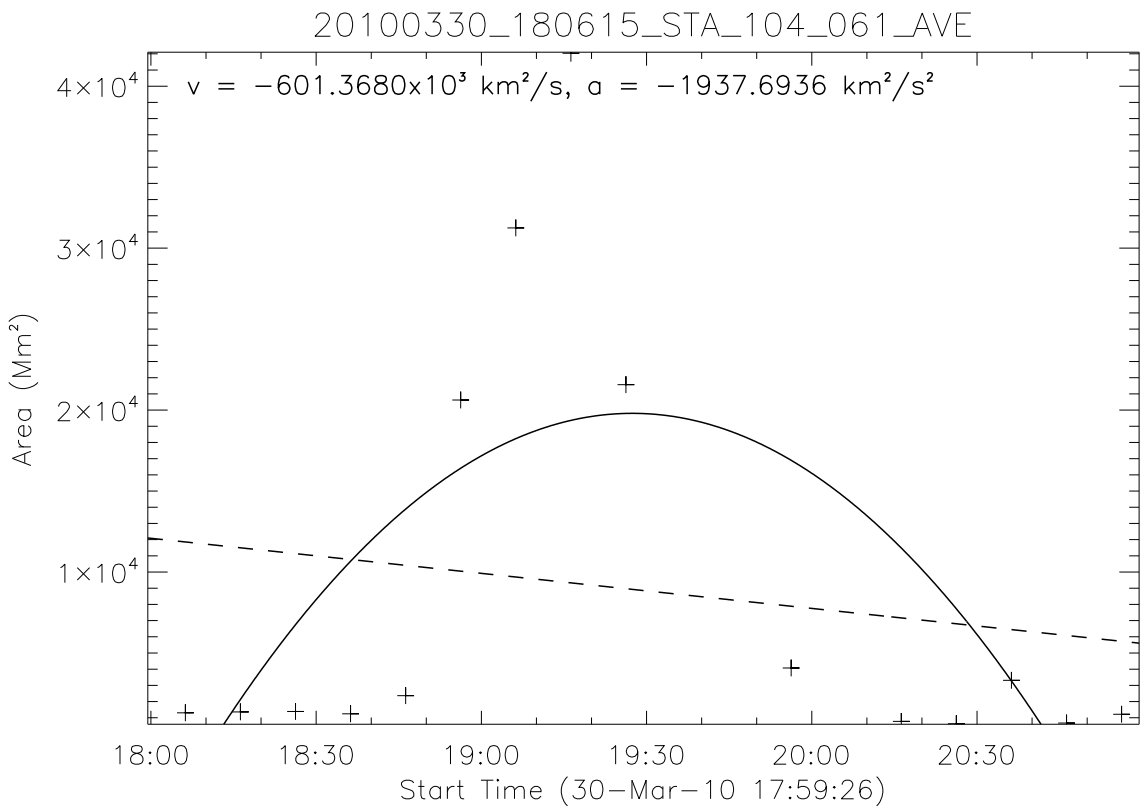
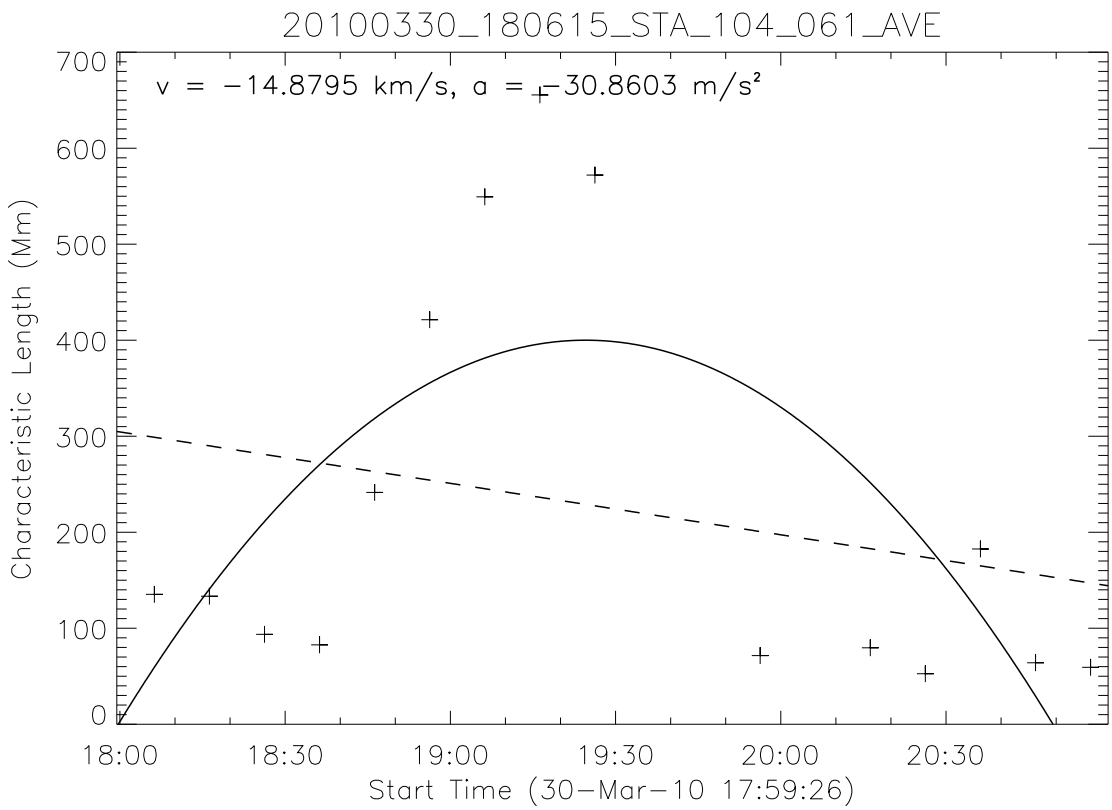
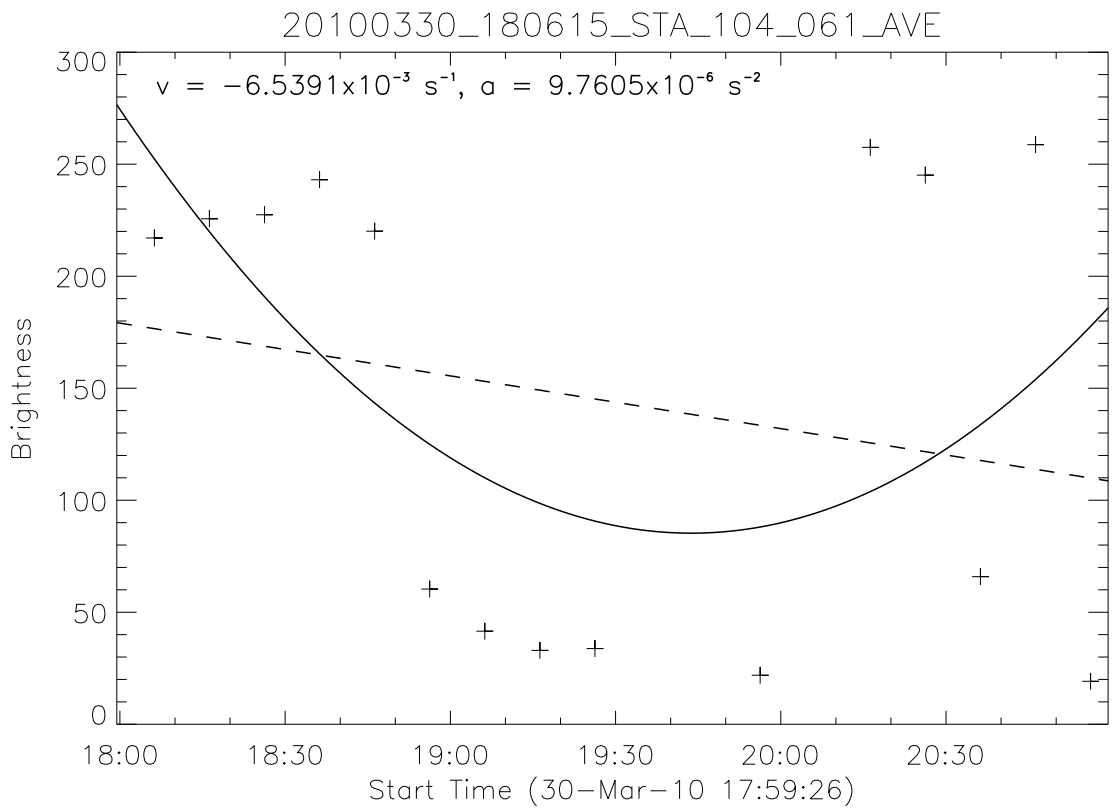

20100330_180615_STA_104_061_AVE
v = 3.7132 km/s, a = −3.2258 m/s²
Heliocentric Distance of Centroid (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
18:00
18:30
19:00
19:30
20:00
20:30
Start Time (30−Mar−10 17:59:26)


20100330_180615_STA_104_061_AVE
v = 0.4346 arcsec/s, a = 1.9506x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
70
65
60
55
50
18:00
18:30
19:00
19:30
20:00
20:30
Start Time (30−Mar−10 17:59:26)


20100330_180615_STA_104_061_AVE
v = 1.9778 km/s, a = −12.8592 m/s²
Leading Edge (R_S)
1.5
1.4
1.3
1.2
1.1
1.0
18:00
18:30
19:00
19:30
20:00
20:30
Start Time (30−Mar−10 17:59:26)


20100330_180615_STA_104_061_AVE
v = −601.3680x10³ km²/s, a = −1937.6936 km²/s²
4×10⁴
3×10⁴
2×10⁴
1×10⁴
Area (Mm²)
18:00
18:30
19:00
19:30
20:00
20:30
Start Time (30−Mar−10 17:59:26)


20100330_180615_STA_104_061_AVE
v = −14.8795 km/s, a = −30.8603 m/s²
Characteristic Length (Mm)
700
600
500
400
300
200
100
0
18:00
18:30
19:00
19:30
20:00
20:30
Start Time (30−Mar−10 17:59:26)


20100330_180615_STA_104_061_AVE
v = −6.5391x10⁻³ s⁻¹, a = 9.7605x10⁻⁶ s⁻²
Brightness
300
250
200
150
100
50
0
18:00
18:30
19:00
19:30
20:00
20:30
Start Time (30−Mar−10 17:59:26)