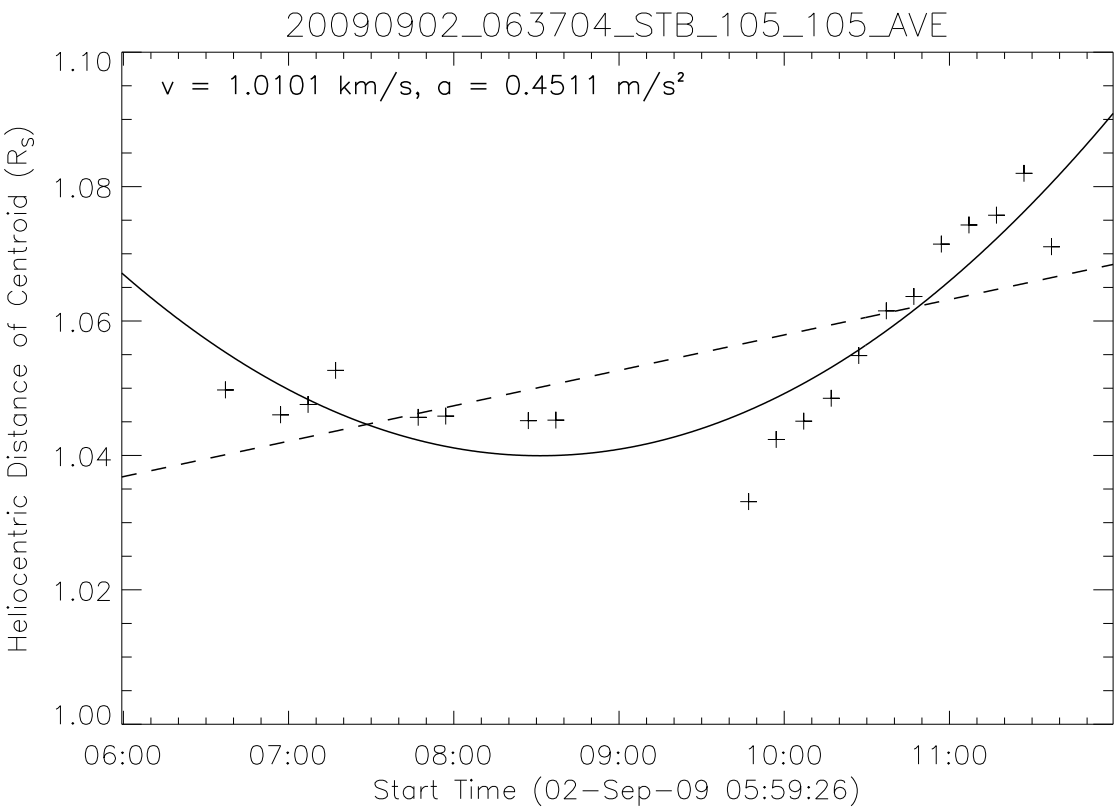
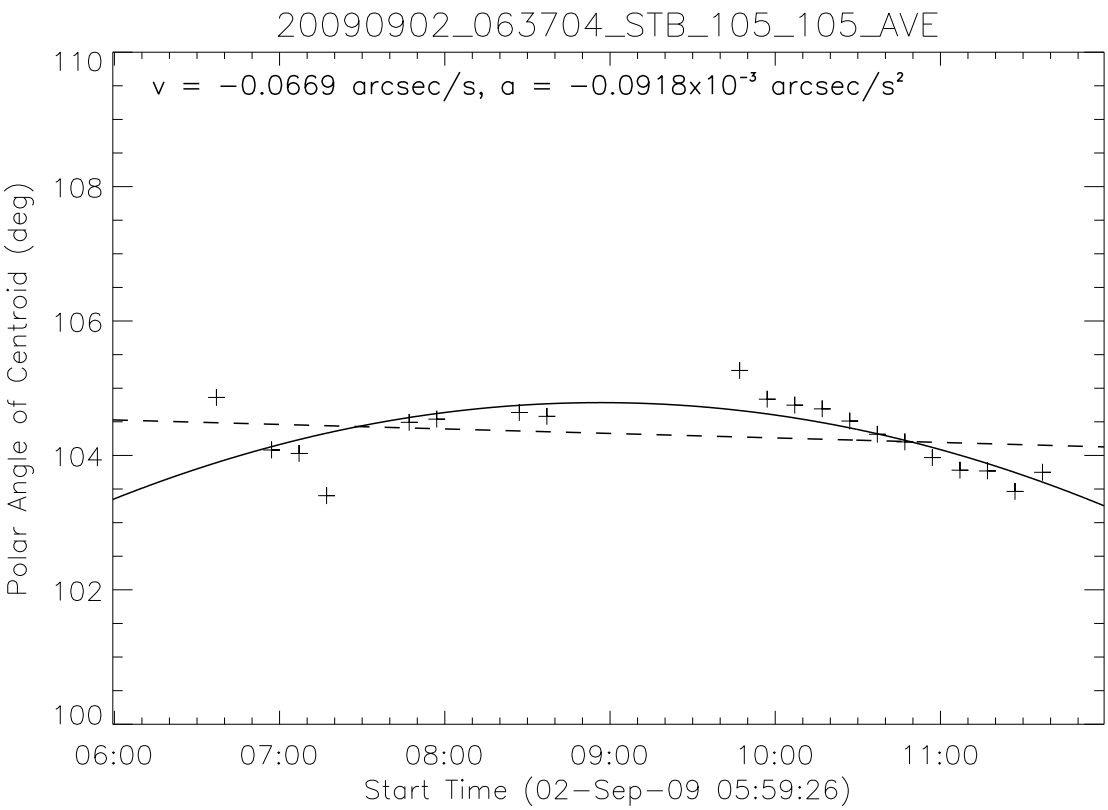
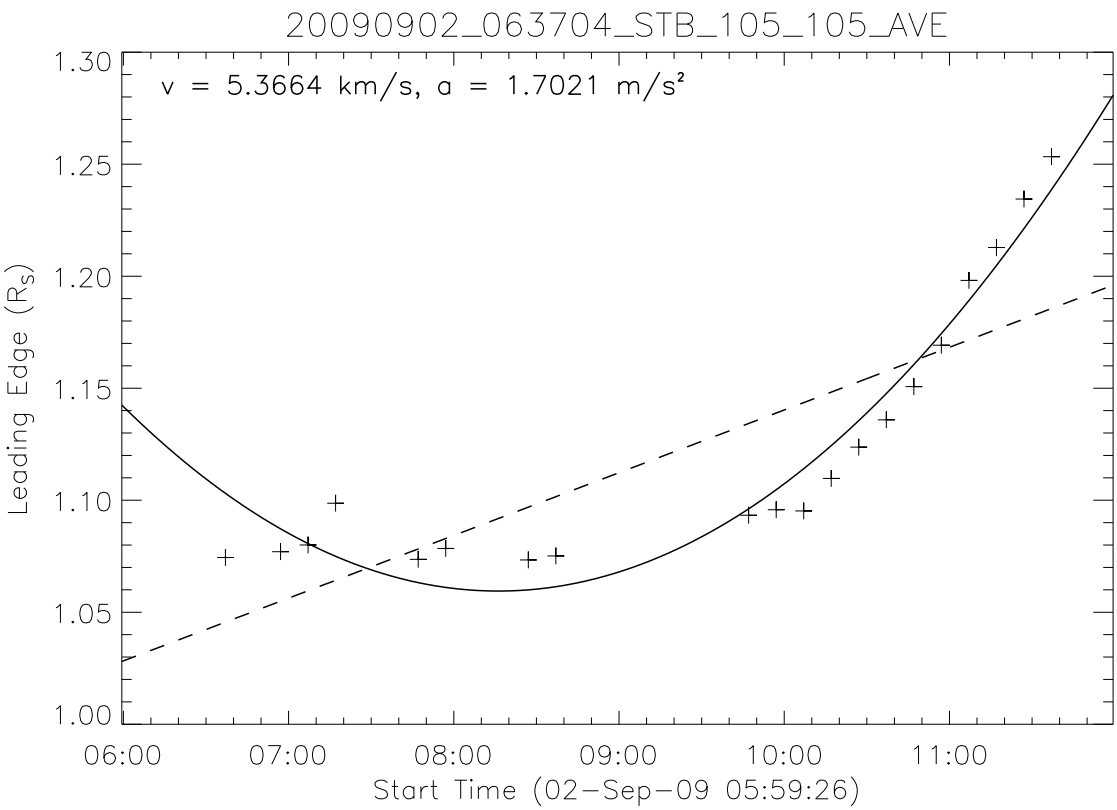
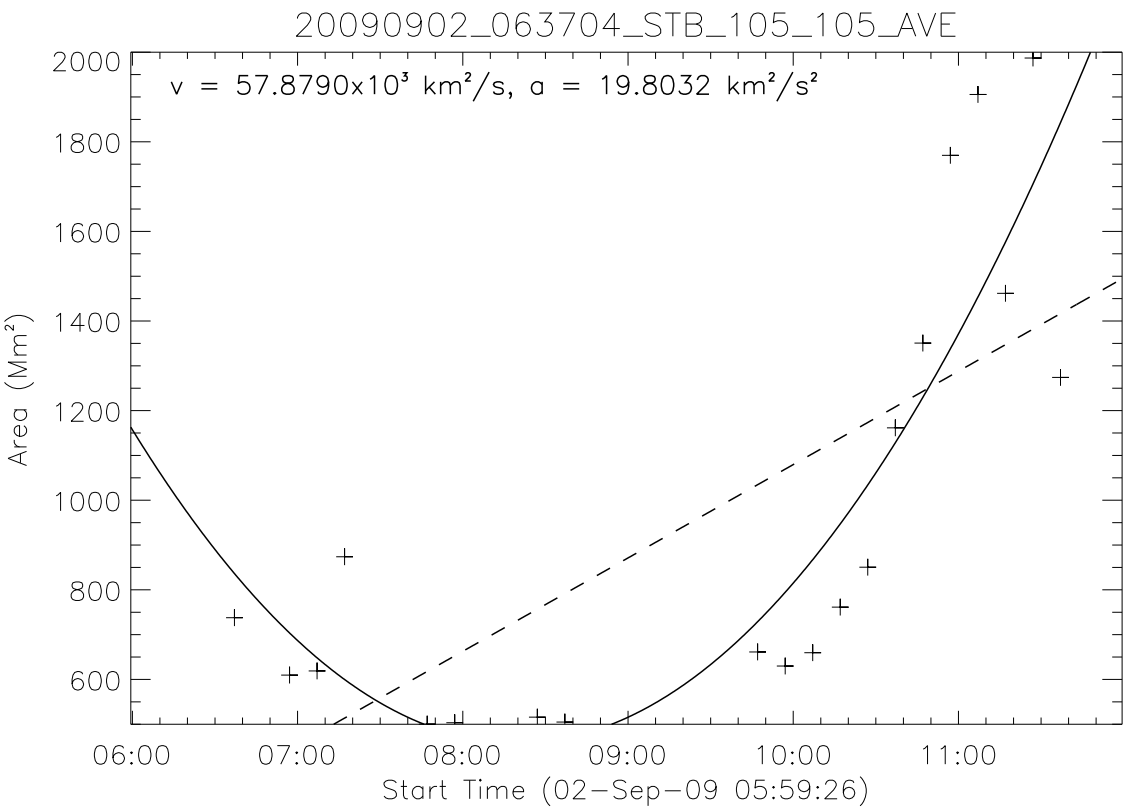
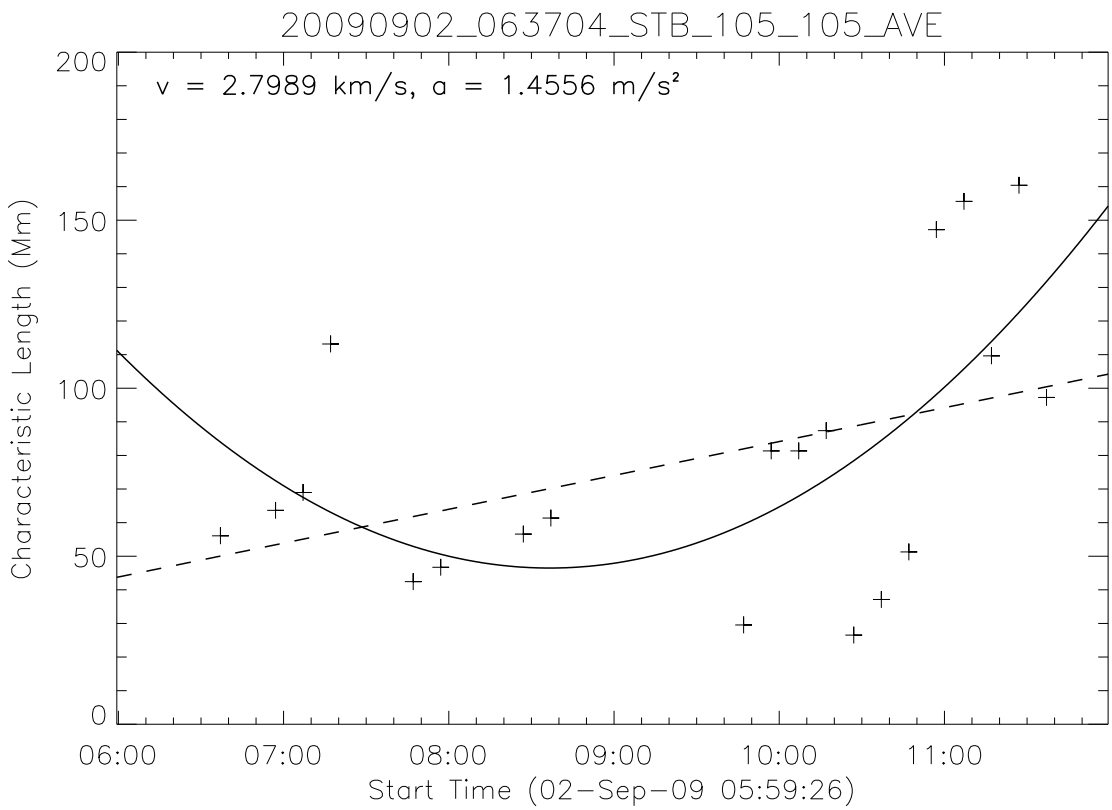
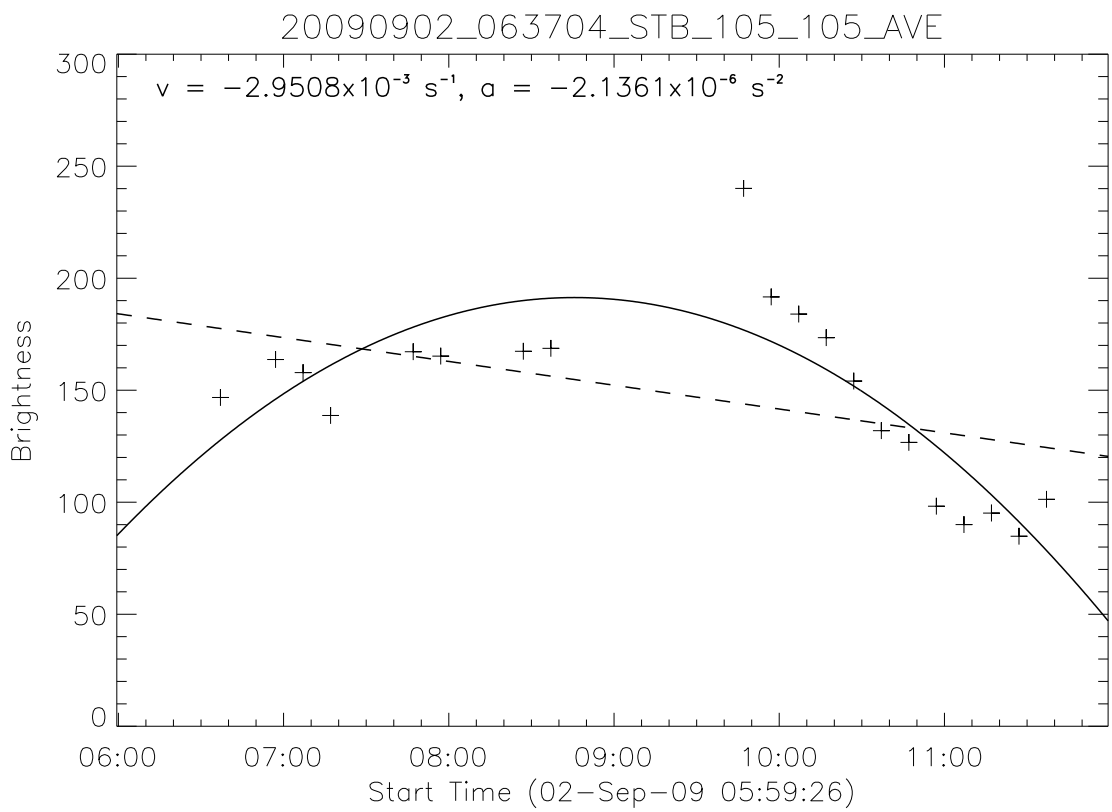

20090902_063704_STB_105_105_AVE
v = 1.0101 km/s, a = 0.4511 m/s²
Heliocentric Distance of Centroid (Rs)
1.10
1.08
1.06
1.04
1.02
1.00
06:00
07:00
08:00
09:00
10:00
11:00
Start Time (02−Sep−09 05:59:26)


20090902_063704_STB_105_105_AVE
v = −0.0669 arcsec/s, a = −0.0918x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
110
108
106
104
102
100
06:00
07:00
08:00
09:00
10:00
11:00
Start Time (02−Sep−09 05:59:26)


20090902_063704_STB_105_105_AVE
v = 5.3664 km/s, a = 1.7021 m/s²
Leading Edge (R_S)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
06:00
07:00
08:00
09:00
10:00
11:00
Start Time (02−Sep−09 05:59:26)


20090902_063704_STB_105_105_AVE
v = 57.8790x10³ km²/s, a = 19.8032 km²/s²
Area (Mm²)
2000
1800
1600
1400
1200
1000
800
600
06:00
07:00
08:00
09:00
10:00
11:00
Start Time (02−Sep−09 05:59:26)


20090902_063704_STB_105_105_AVE
v = 2.7989 km/s, a = 1.4556 m/s²
Characteristic Length (Mm)
200
150
100
50
0
06:00
07:00
08:00
09:00
10:00
11:00
Start Time (02−Sep−09 05:59:26)


20090902_063704_STB_105_105_AVE
v = −2.9508x10⁻³ s⁻¹, a = −2.1361x10⁻⁶ s⁻²
Brightness
300
250
200
150
100
50
0
06:00
07:00
08:00
09:00
10:00
11:00
Start Time (02−Sep−09 05:59:26)