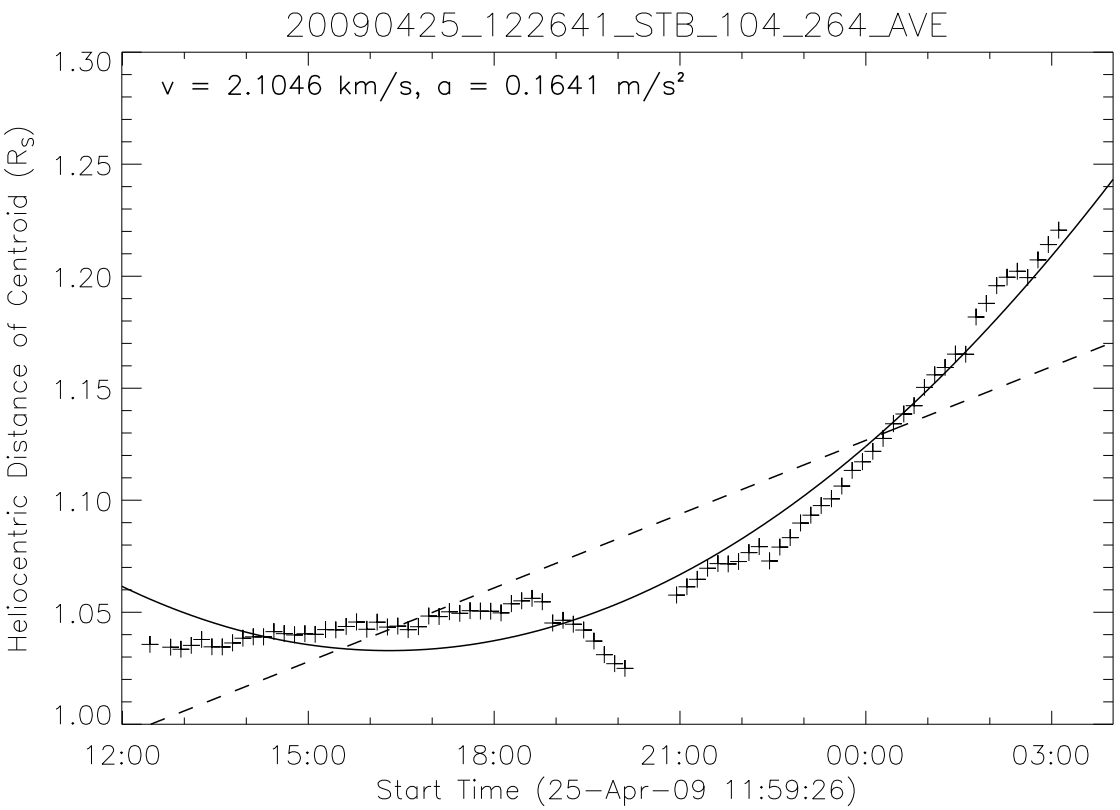
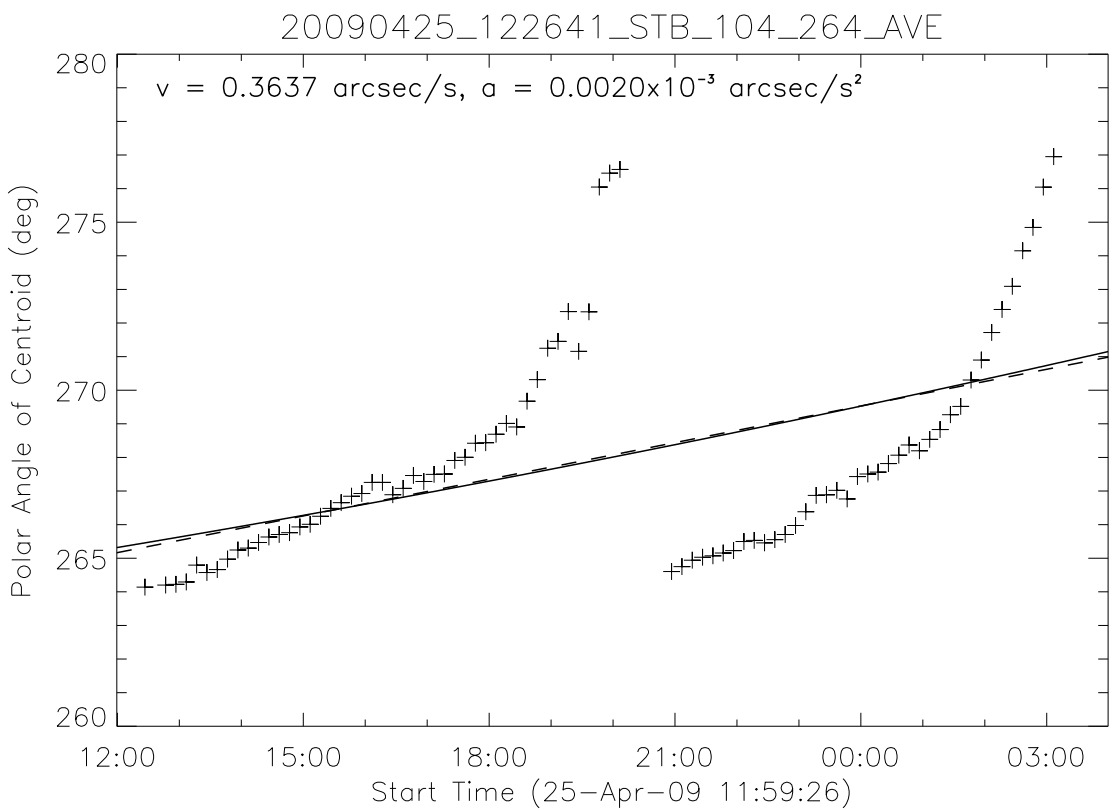
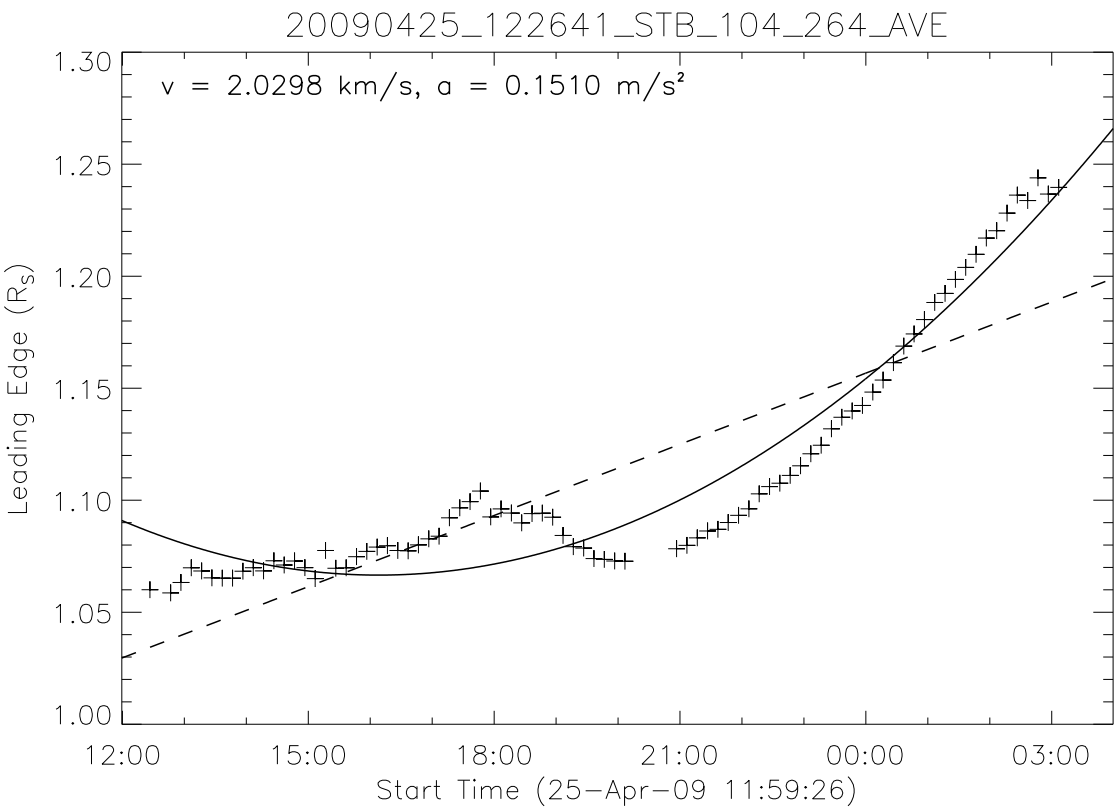
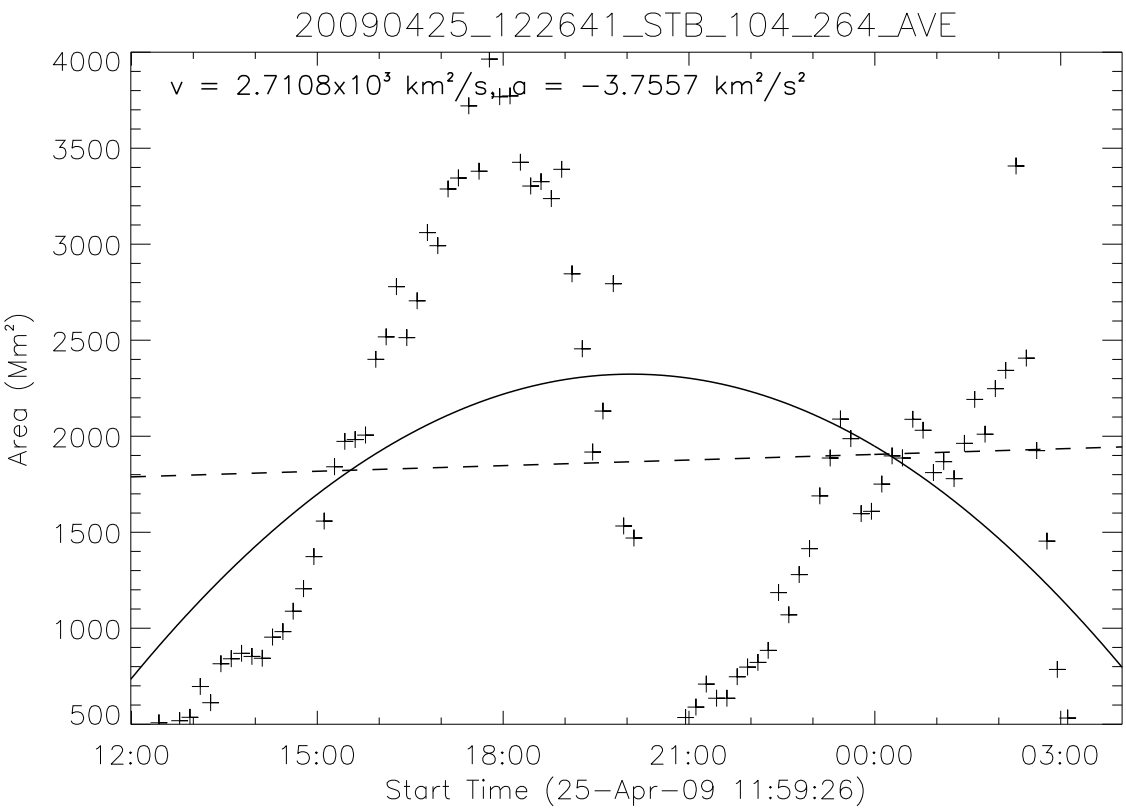
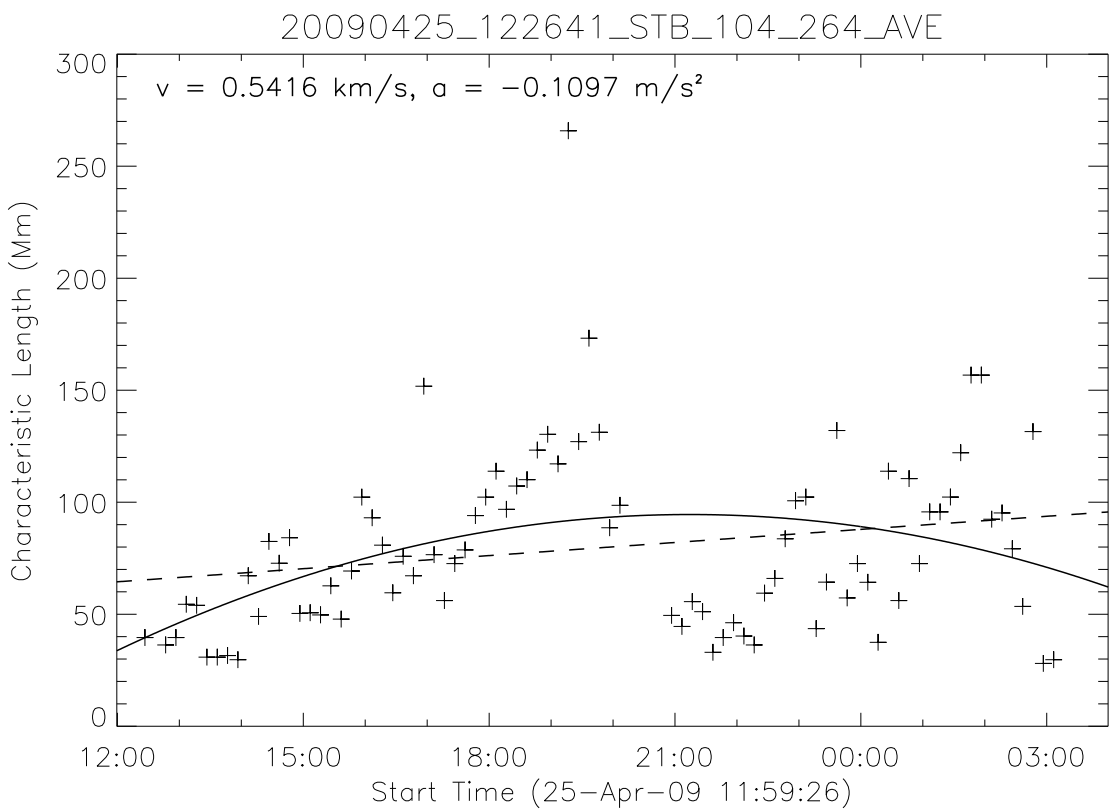
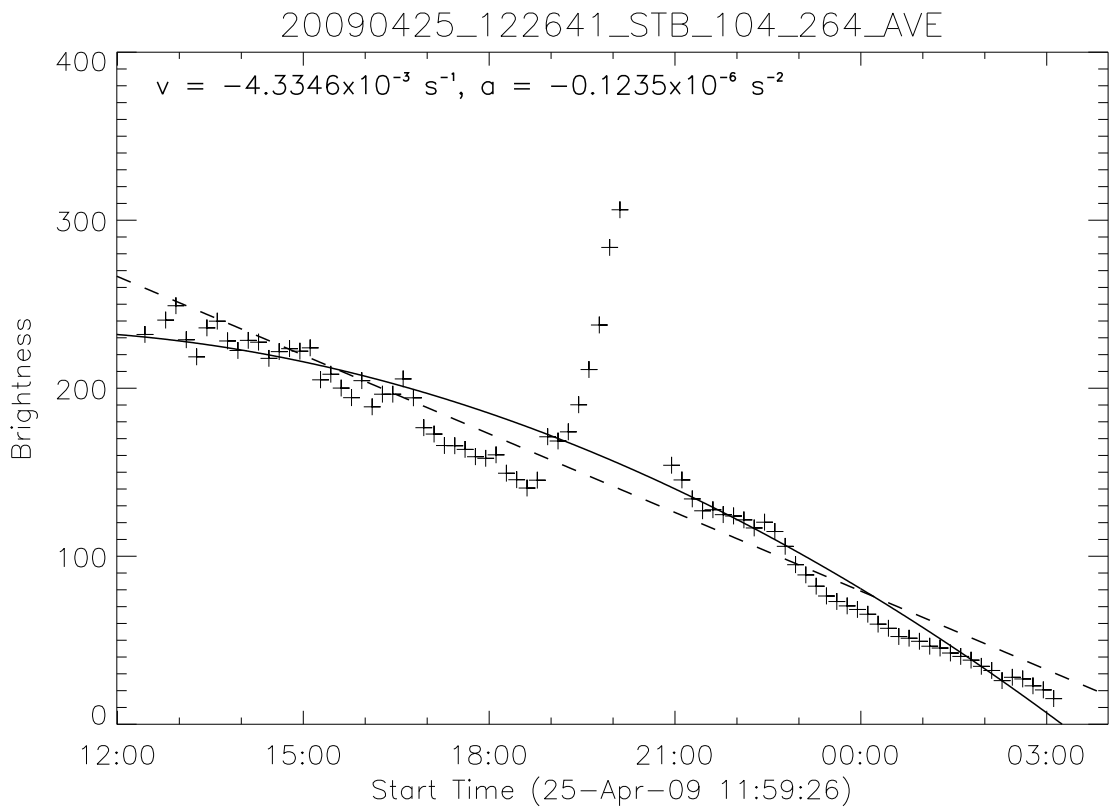

20090425_122641_STB_104_264_AVE
v = 2.1046 km/s, a = 0.1641 m/s²
Heliocentric Distance of Centroid (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
12:00
15:00
18:00
21:00
00:00
03:00
Start Time (25−Apr−09 11:59:26)


20090425_122641_STB_104_264_AVE
v = 0.3637 arcsec/s, a = 0.0020x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
280
275
270
265
260
12:00
15:00
18:00
21:00
00:00
03:00
Start Time (25−Apr−09 11:59:26)


20090425_122641_STB_104_264_AVE
v = 2.0298 km/s, a = 0.1510 m/s²
Leading Edge (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
12:00
15:00
18:00
21:00
00:00
03:00
Start Time (25−Apr−09 11:59:26)


20090425_122641_STB_104_264_AVE
v = 2.7108x10³ km²/s, a = −3.7557 km²/s²
Area (Mm²)
4000
3500
3000
2500
2000
1500
1000
500
12:00
15:00
18:00
21:00
00:00
03:00
Start Time (25−Apr−09 11:59:26)


20090425_122641_STB_104_264_AVE
v = 0.5416 km/s, a = −0.1097 m/s²
Characteristic Length (Mm)
300
250
200
150
100
50
0
12:00
15:00
18:00
21:00
00:00
03:00
Start Time (25−Apr−09 11:59:26)


20090425_122641_STB_104_264_AVE
v = −4.3346x10⁻³ s⁻¹, a = −0.1235x10⁻⁶ s⁻²
Brightness
400
300
200
100
0
12:00
15:00
18:00
21:00
00:00
03:00
Start Time (25−Apr−09 11:59:26)