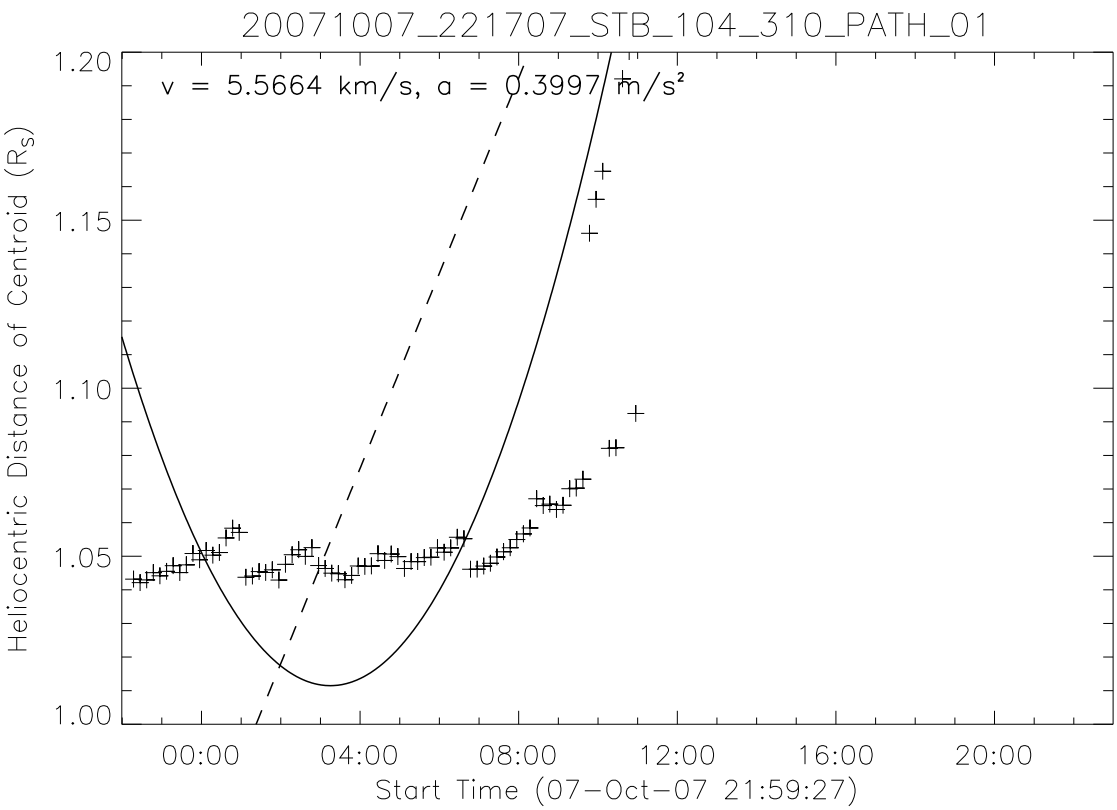
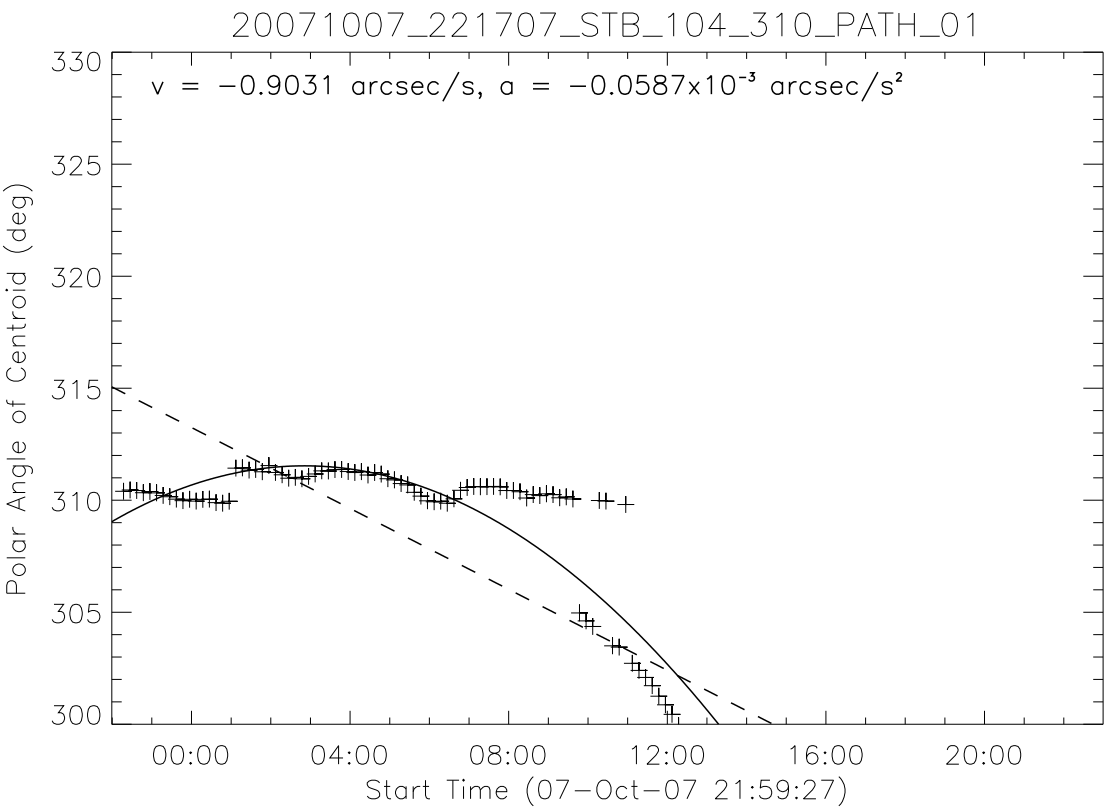
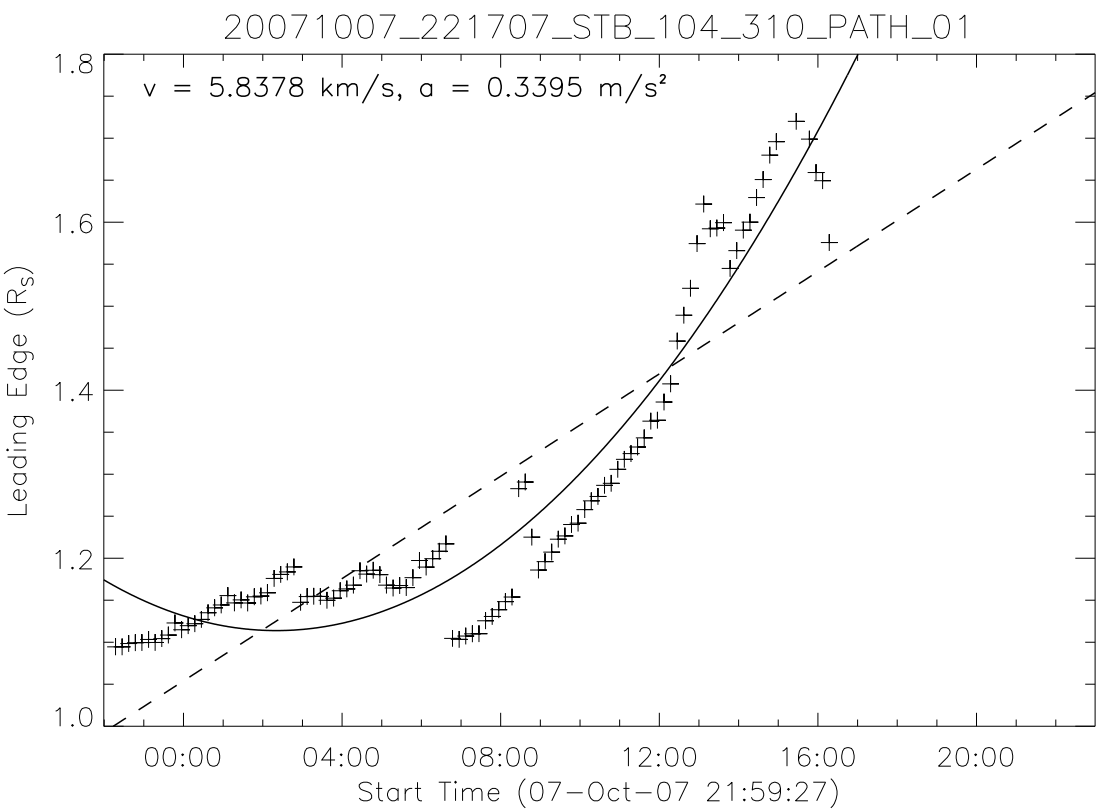
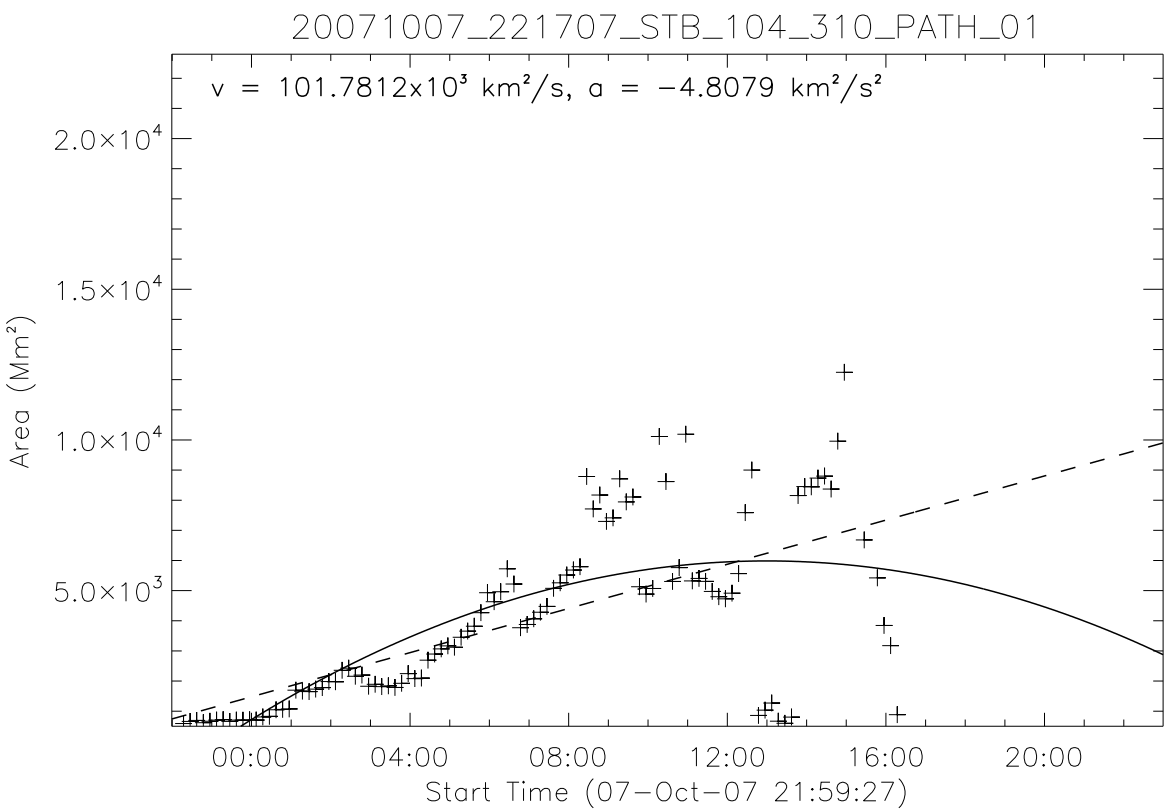
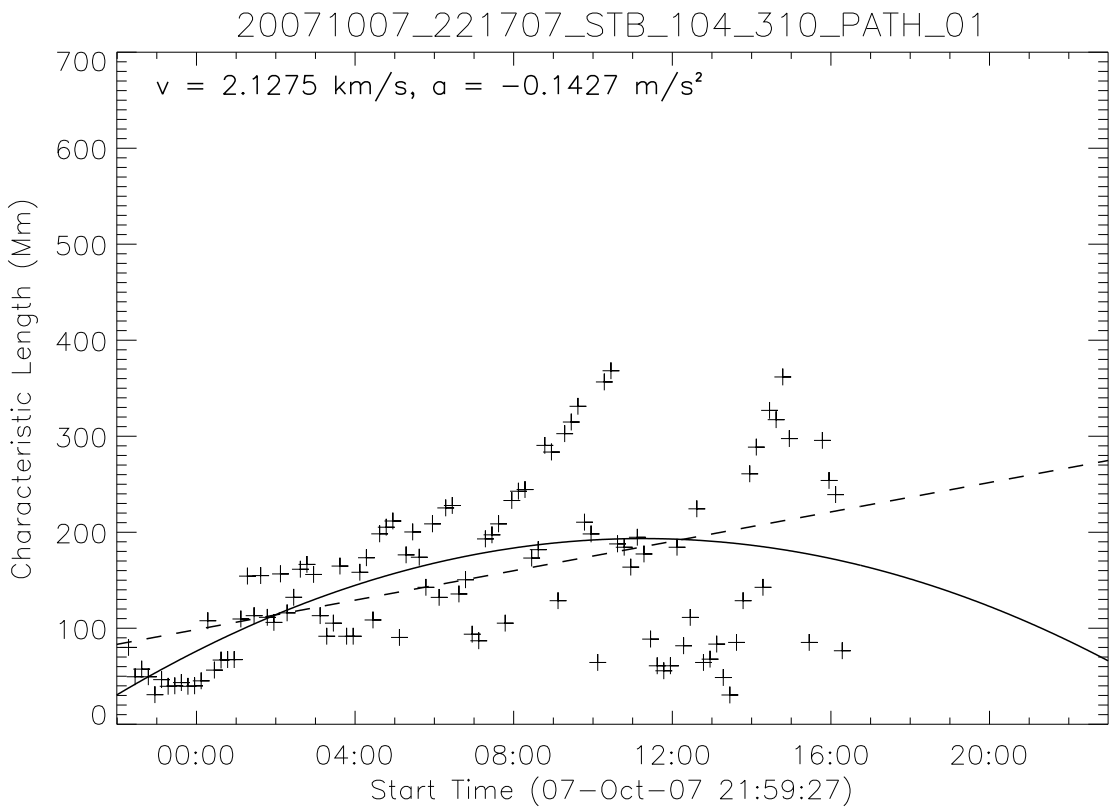
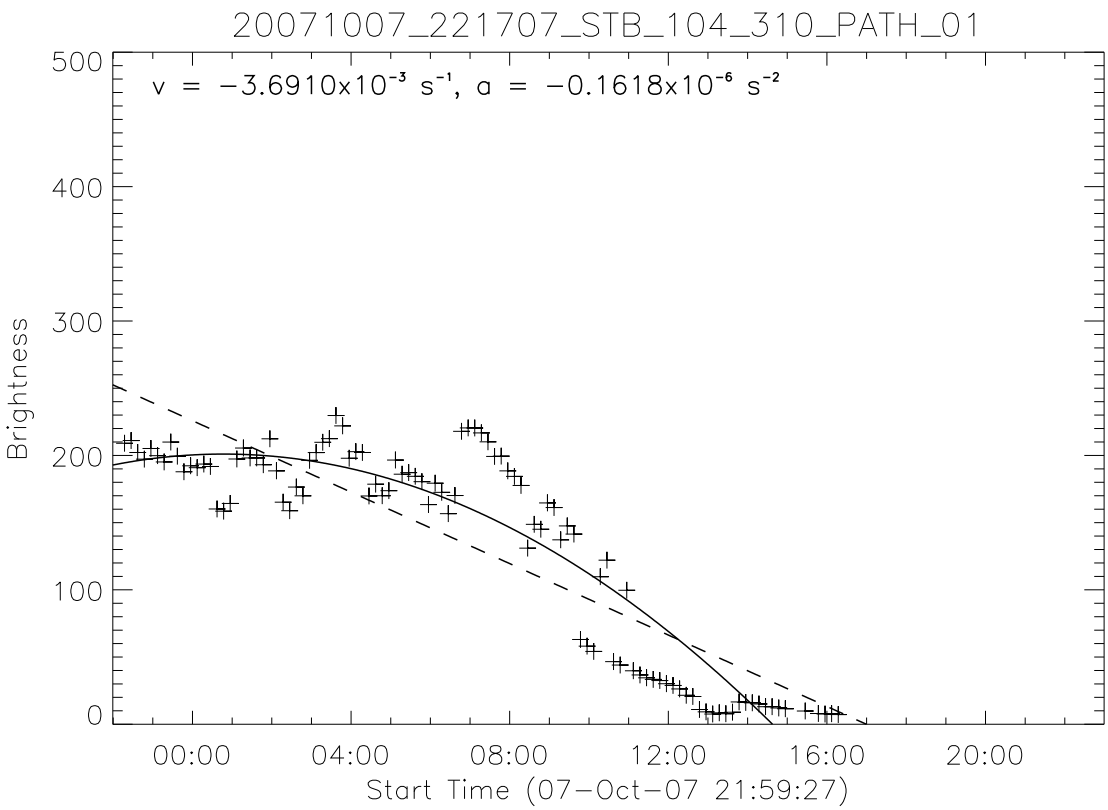

20071007_221707_STB_104_310_PATH_01
v = 5.5664 km/s, a = 0.3997 m/s²
Heliocentric Distance of Centroid (Rs)
1.20
1.15
1.10
1.05
1.00
00:00
04:00
08:00
12:00
16:00
20:00
Start Time (07-Oct-07 21:59:27)


20071007_221707_STB_104_310_PATH_01
v = −0.9031 arcsec/s, a = −0.0587x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
330
325
320
315
310
305
300
00:00
04:00
08:00
12:00
16:00
20:00
Start Time (07−Oct−07 21:59:27)


20071007_221707_STB_104_310_PATH_01
v = 5.8378 km/s, a = 0.3395 m/s²
Leading Edge (Rs)
1.8
1.6
1.4
1.2
1.0
00:00
04:00
08:00
12:00
16:00
20:00
Start Time (07-Oct-07 21:59:27)


20071007_221707_STB_104_310_PATH_01
v = 101.7812x10³ km²/s, a = −4.8079 km²/s²
2.0×10⁴
1.5×10⁴
1.0×10⁴
5.0×10³
Area (Mm²)
00:00
04:00
08:00
12:00
16:00
20:00
Start Time (07−Oct−07 21:59:27)


20071007_221707_STB_104_310_PATH_01
v = 2.1275 km/s, a = −0.1427 m/s²
Characteristic Length (Mm)
0
100
200
300
400
500
600
700
00:00
04:00
08:00
12:00
16:00
20:00
Start Time (07−Oct−07 21:59:27)


20071007_221707_STB_104_310_PATH_01
v = −3.6910x10⁻³ s⁻¹, a = −0.1618x10⁻⁶ s⁻²
Brightness
500
400
300
200
100
0
00:00
04:00
08:00
12:00
16:00
20:00
Start Time (07−Oct−07 21:59:27)