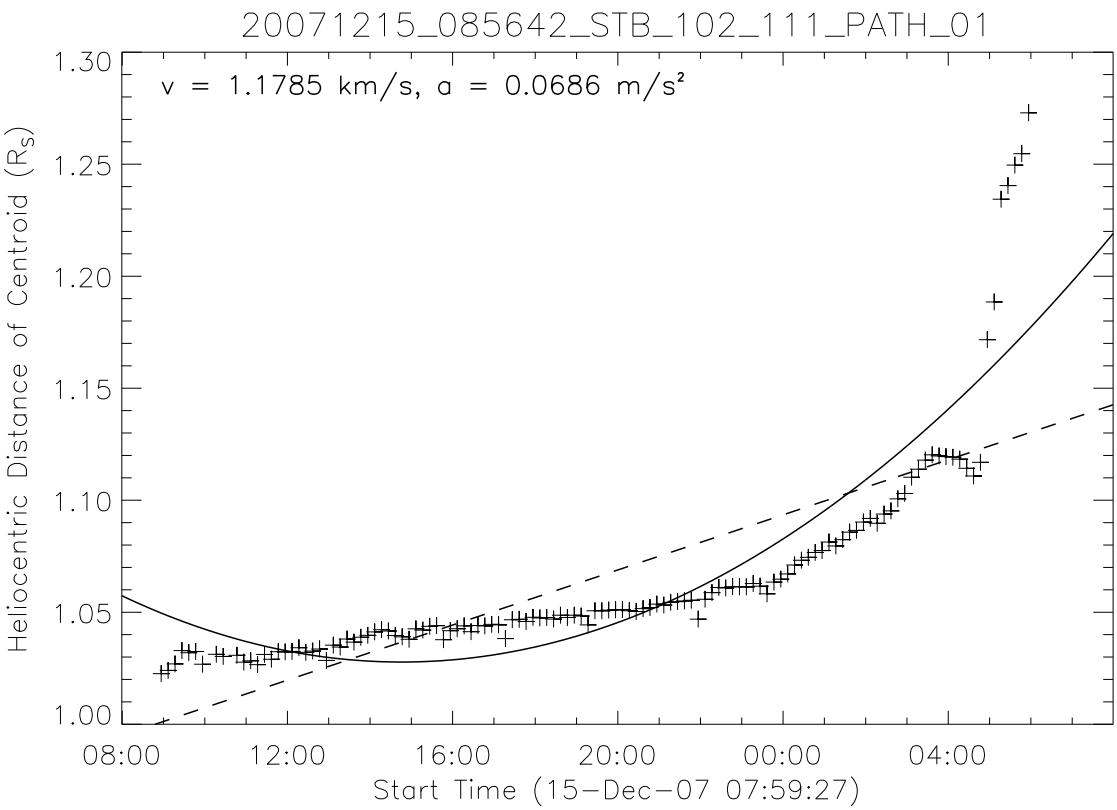
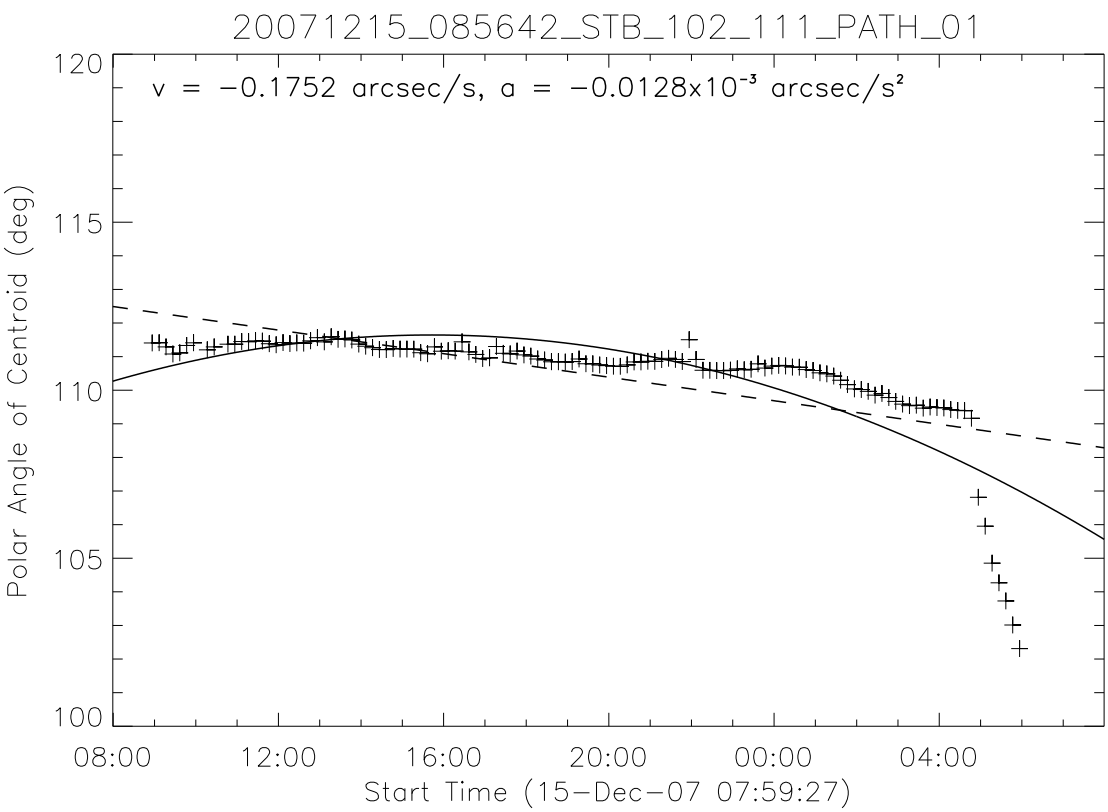
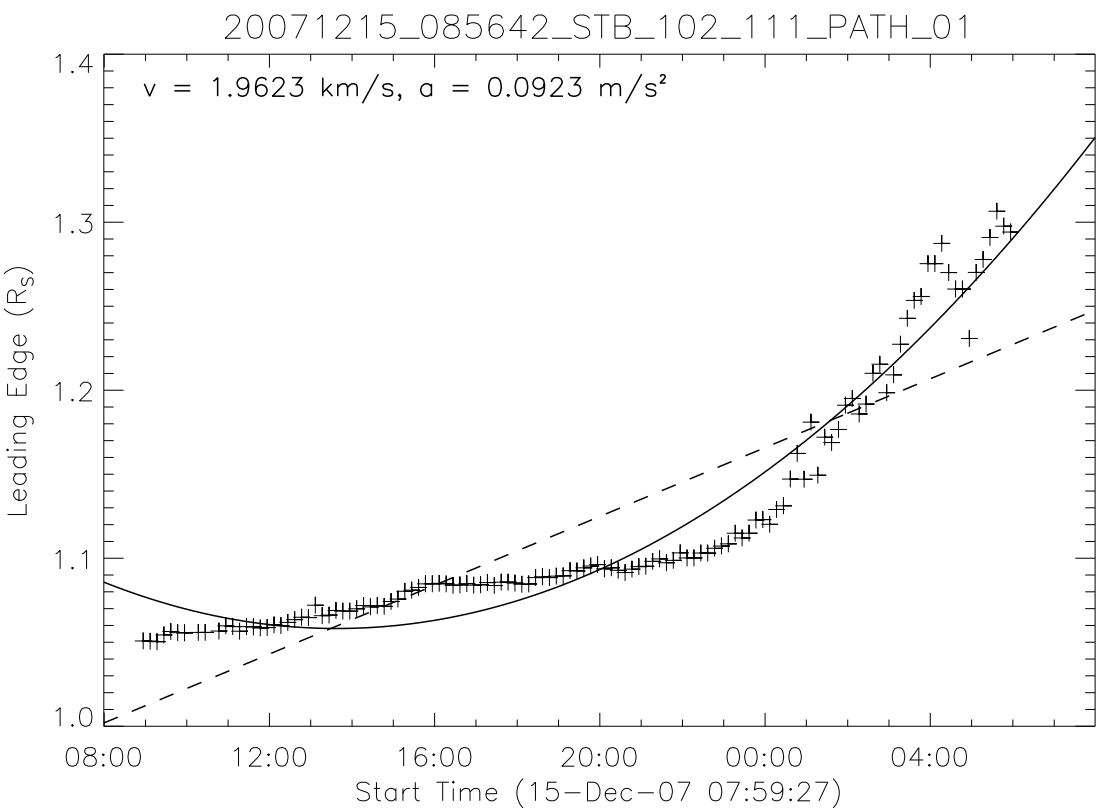
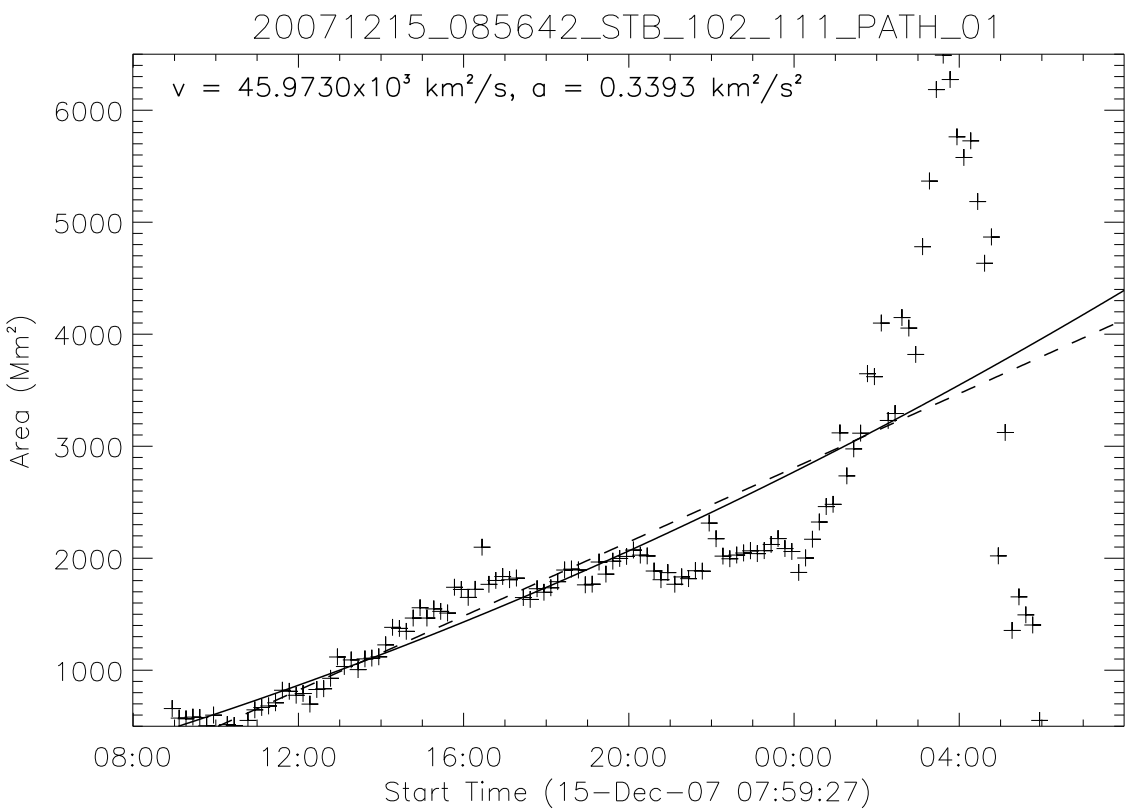
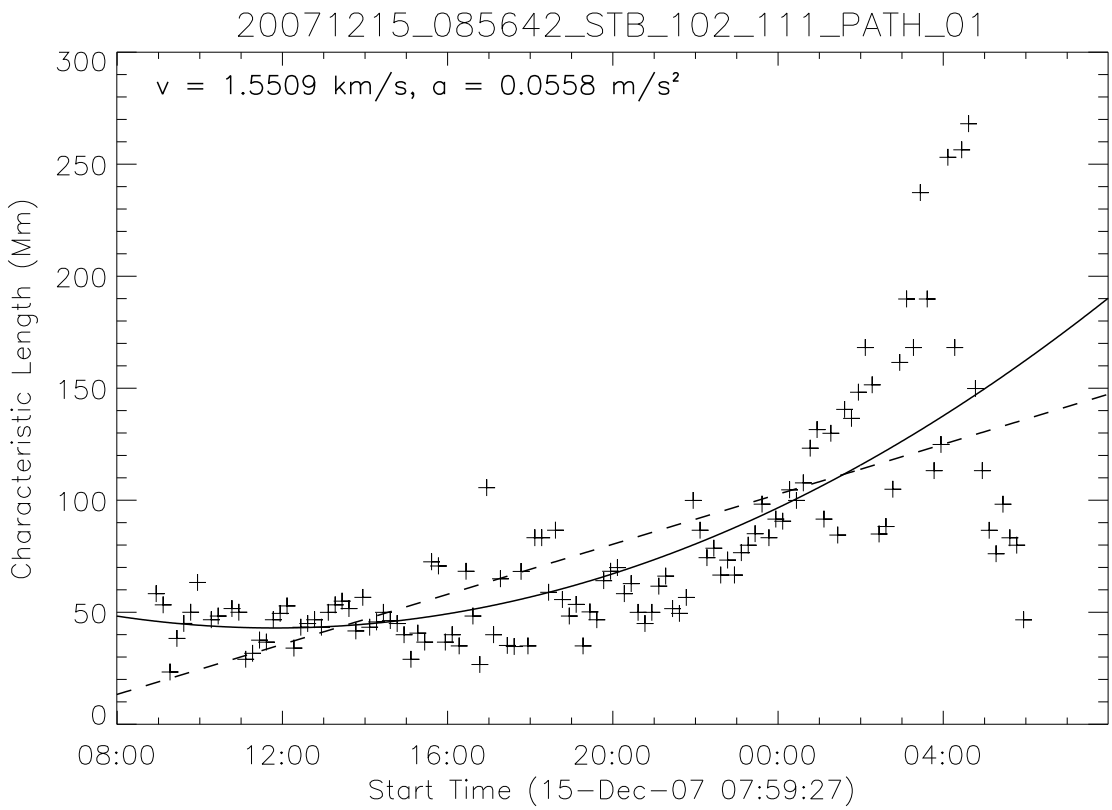
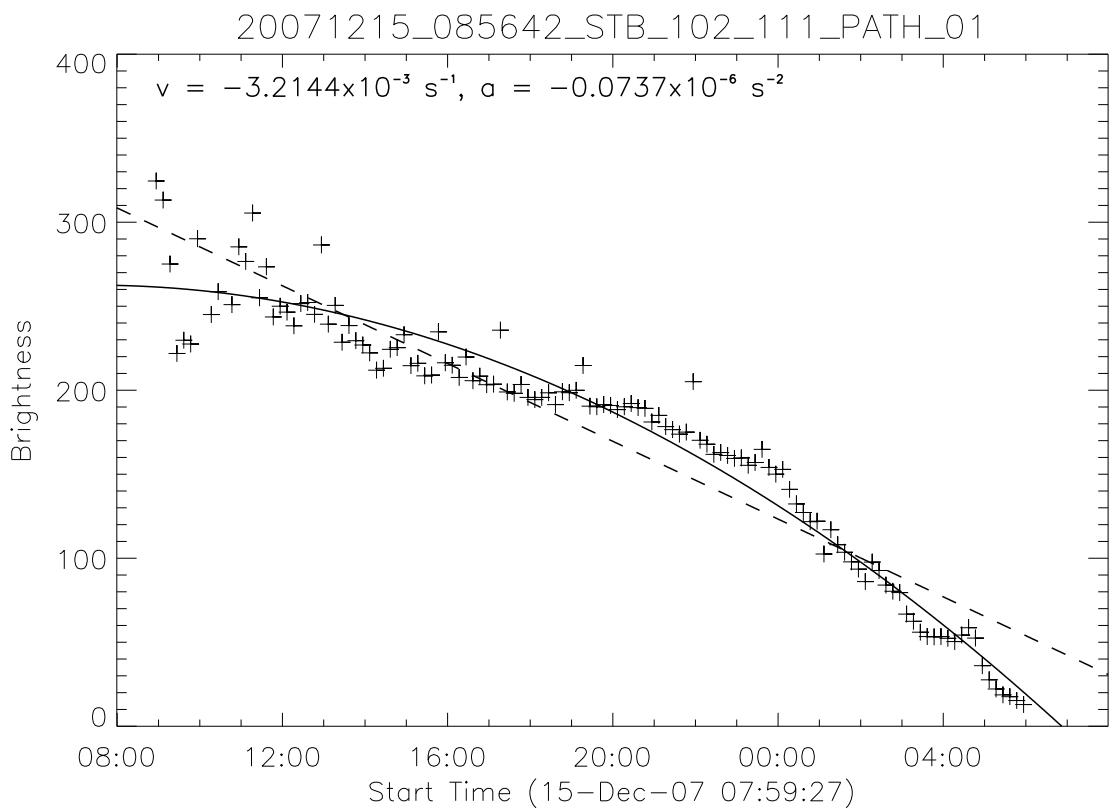

20071215_085642_STB_102_111_PATH_01
v = 1.1785 km/s, a = 0.0686 m/s²
Heliocentric Distance of Centroid (Rs)
1.30
1.25
1.20
1.15
1.10
1.05
1.00
08:00
12:00
16:00
20:00
00:00
04:00
Start Time (15−Dec−07 07:59:27)


20071215_085642_STB_102_111_PATH_01
v = −0.1752 arcsec/s, a = −0.0128x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
120
115
110
105
100
08:00
12:00
16:00
20:00
00:00
04:00
Start Time (15−Dec−07 07:59:27)


20071215_085642_STB_102_111_PATH_01
v = 1.9623 km/s, a = 0.0923 m/s²
Leading Edge (Rs)
1.4
1.3
1.2
1.1
1.0
08:00
12:00
16:00
20:00
00:00
04:00
Start Time (15-Dec-07 07:59:27)


20071215_085642_STB_102_111_PATH_01
v = 45.9730x10³ km²/s, a = 0.3393 km²/s²
Area (Mm²)
6000
5000
4000
3000
2000
1000
08:00
12:00
16:00
20:00
00:00
04:00
Start Time (15−Dec−07 07:59:27)


20071215_085642_STB_102_111_PATH_01
v = 1.5509 km/s, a = 0.0558 m/s²
Characteristic Length (Mm)
300
250
200
150
100
50
0
08:00
12:00
16:00
20:00
00:00
04:00
Start Time (15−Dec−07 07:59:27)


20071215_085642_STB_102_111_PATH_01
v = −3.2144x10⁻³ s⁻¹, a = −0.0737x10⁻⁶ s⁻²
Brightness
400
300
200
100
0
08:00
12:00
16:00
20:00
00:00
04:00
Start Time (15−Dec−07 07:59:27)