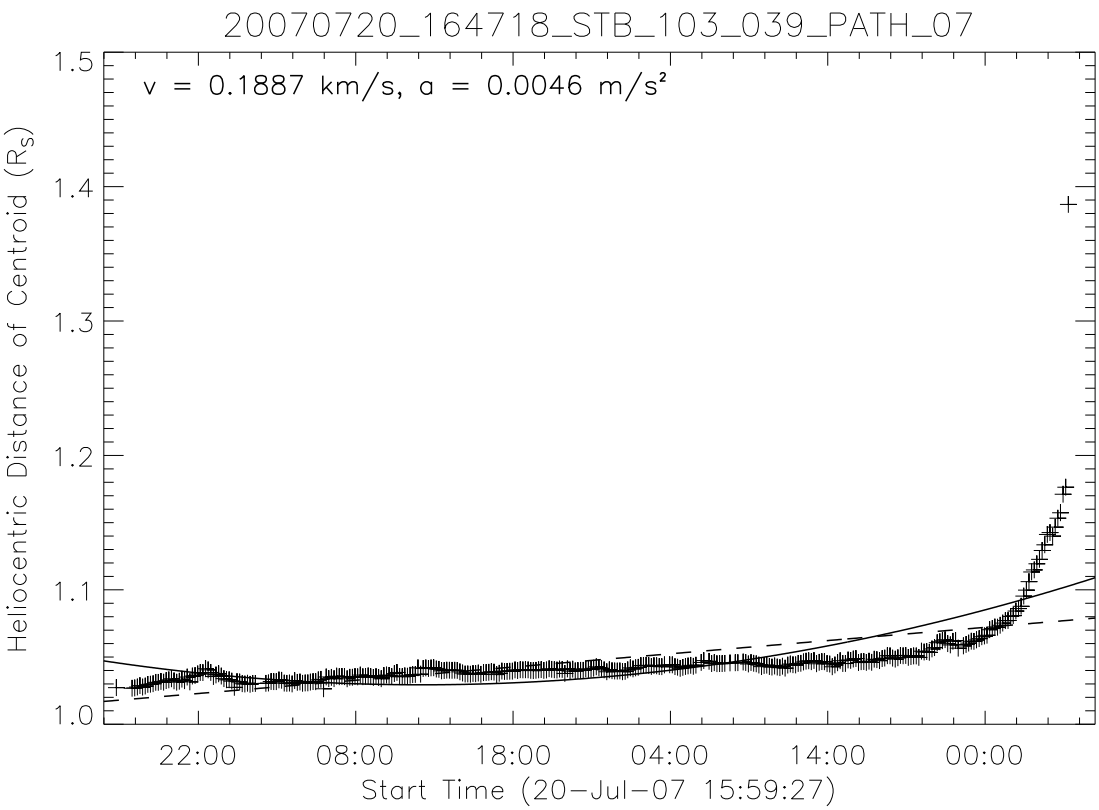
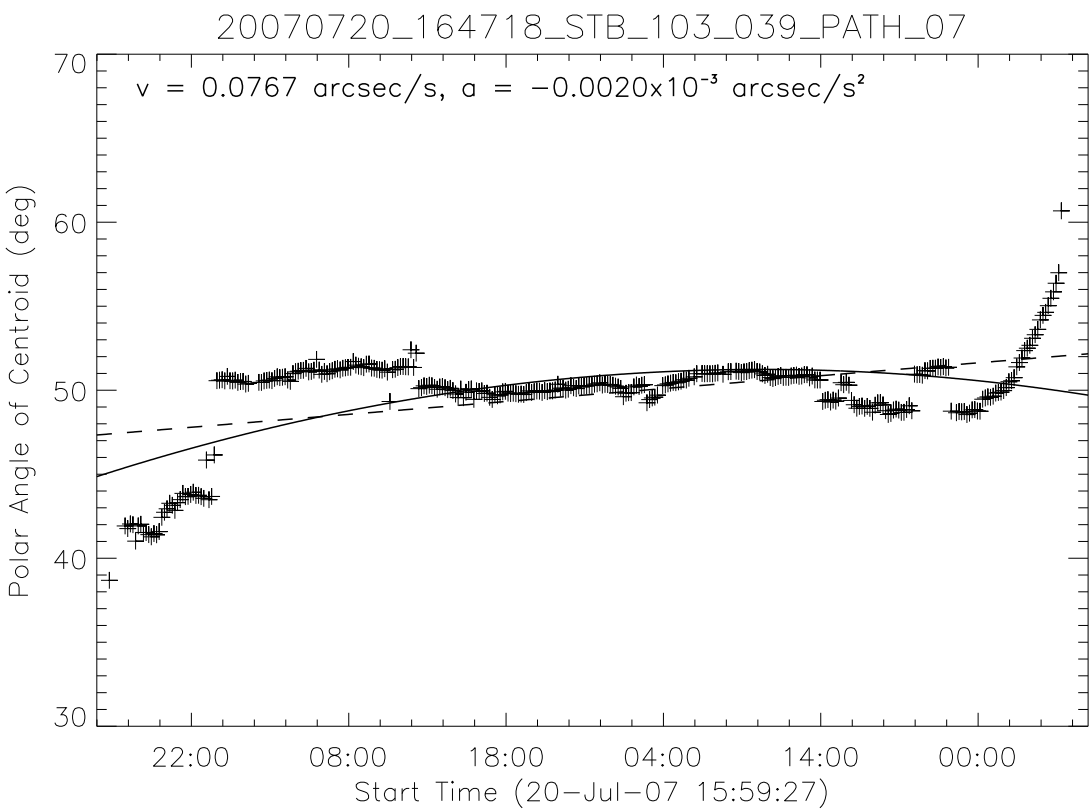
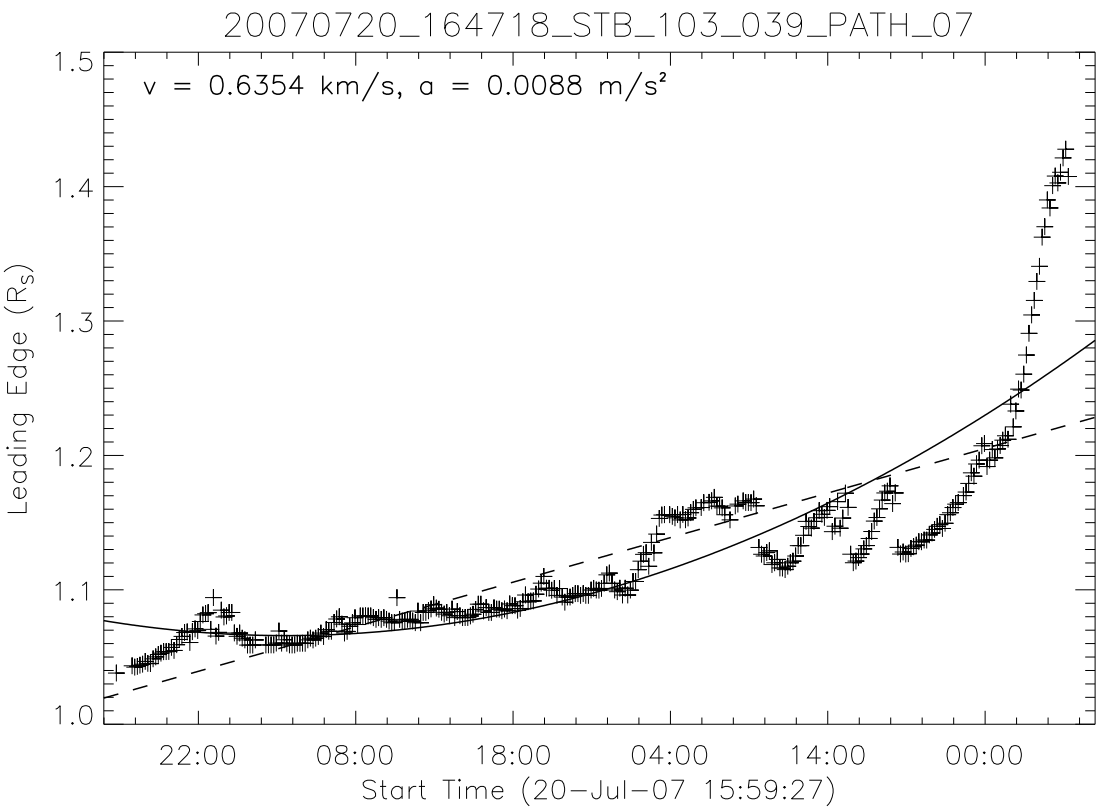
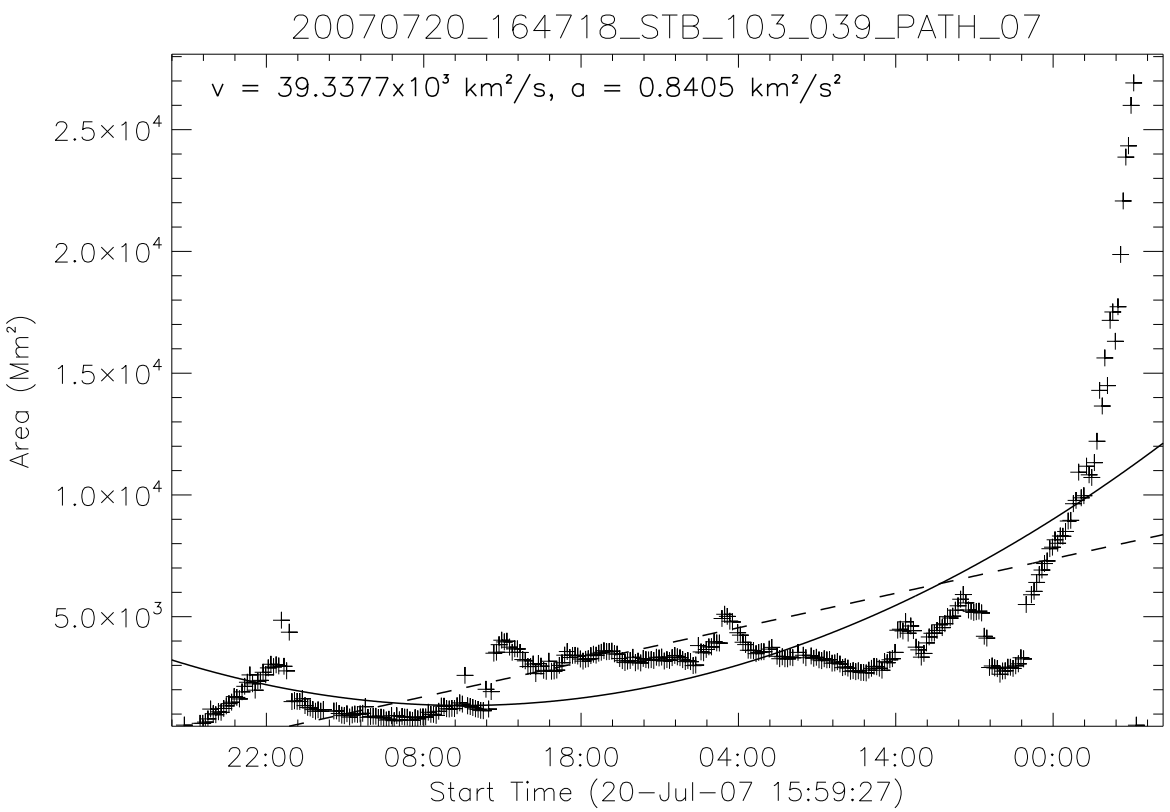
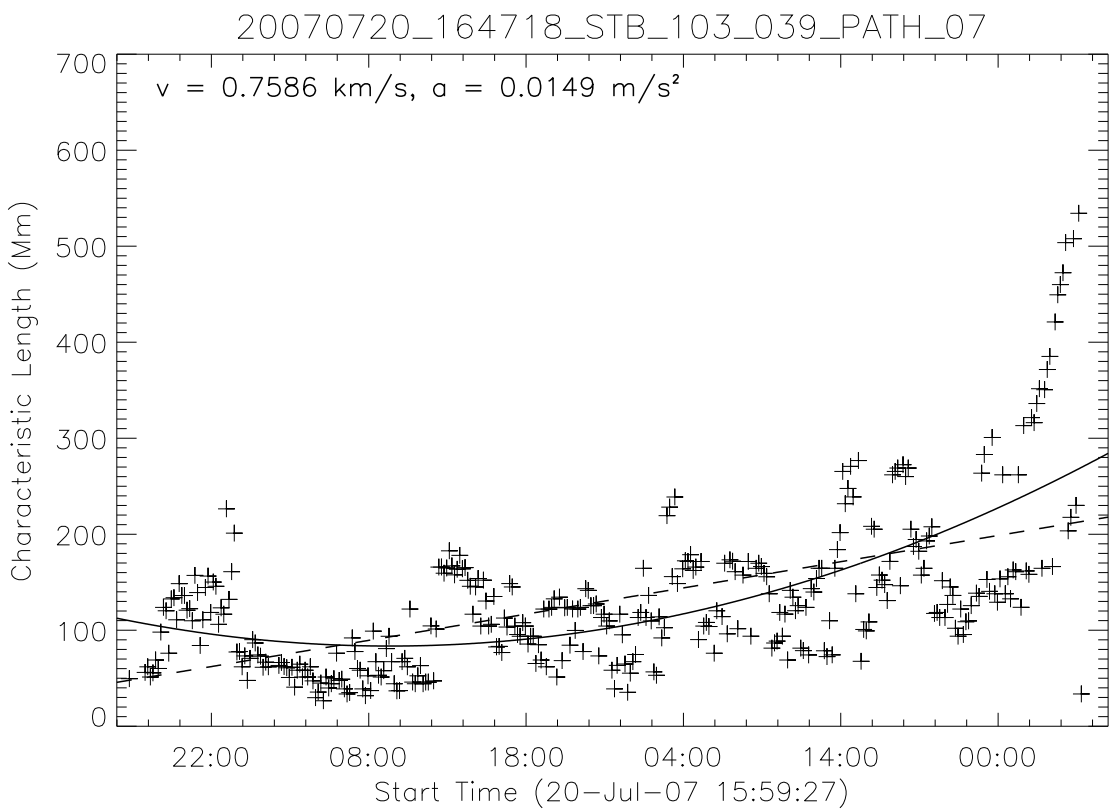
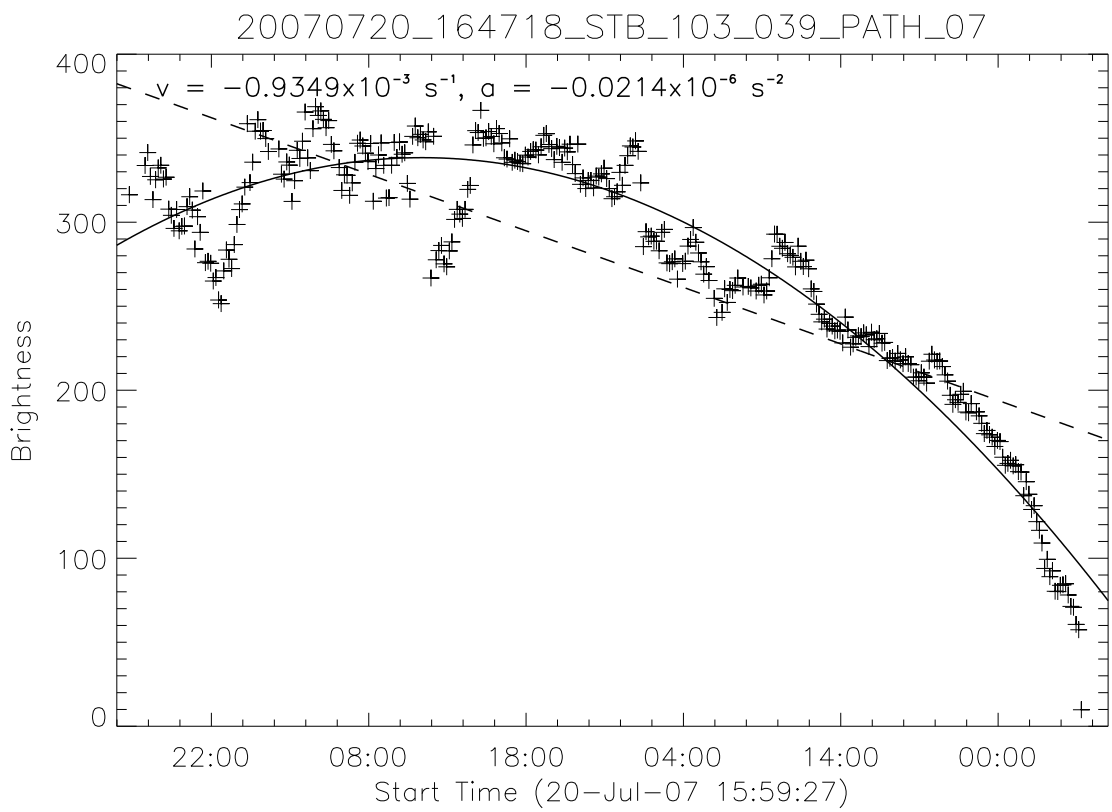

20070720_164718_STB_103_039_PATH_07
v = 0.1887 km/s, a = 0.0046 m/s²
Heliocentric Distance of Centroid (Rs)
1.5
1.4
1.3
1.2
1.1
1.0
22:00
08:00
18:00
04:00
14:00
00:00
Start Time (20−Jul−07 15:59:27)


20070720_164718_STB_103_039_PATH_07
v = 0.0767 arcsec/s, a = −0.0020x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
70
60
50
40
30
22:00
08:00
18:00
04:00
14:00
00:00
Start Time (20−Jul−07 15:59:27)


20070720_164718_STB_103_039_PATH_07
v = 0.6354 km/s, a = 0.0088 m/s²
Leading Edge (Rs)
1.5
1.4
1.3
1.2
1.1
1.0
22:00
08:00
18:00
04:00
14:00
00:00
Start Time (20−Jul−07 15:59:27)


20070720_164718_STB_103_039_PATH_07
v = 39.3377x10³ km²/s, a = 0.8405 km²/s²
2.5×10⁴
2.0×10⁴
1.5×10⁴
1.0×10⁴
5.0×10³
Area (Mm²)
22:00
08:00
18:00
04:00
14:00
00:00
Start Time (20−Jul−07 15:59:27)


20070720_164718_STB_103_039_PATH_07
v = 0.7586 km/s, a = 0.0149 m/s²
Characteristic Length (Mm)
700
600
500
400
300
200
100
0
22:00
08:00
18:00
04:00
14:00
00:00
Start Time (20−Jul−07 15:59:27)


20070720_164718_STB_103_039_PATH_07
v = −0.9349x10⁻³ s⁻¹, a = −0.0214x10⁻⁶ s⁻²
Brightness
400
300
200
100
0
22:00
08:00
18:00
04:00
14:00
00:00
Start Time (20−Jul−07 15:59:27)