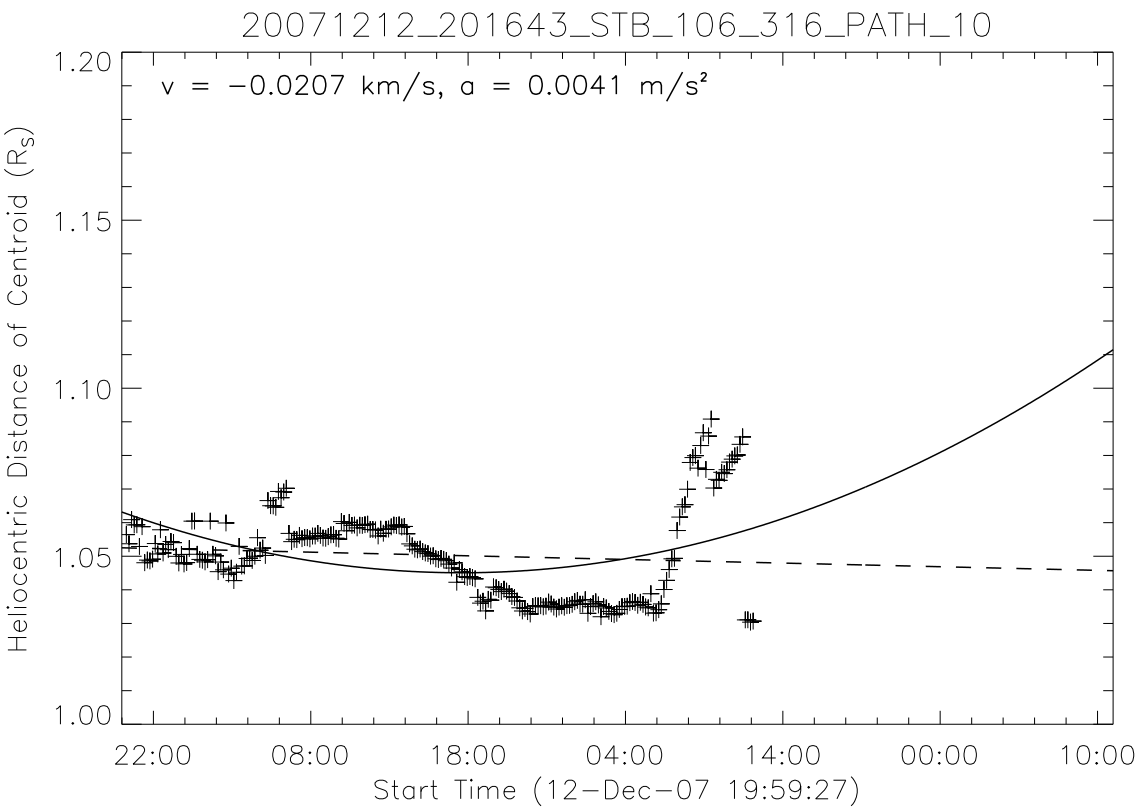
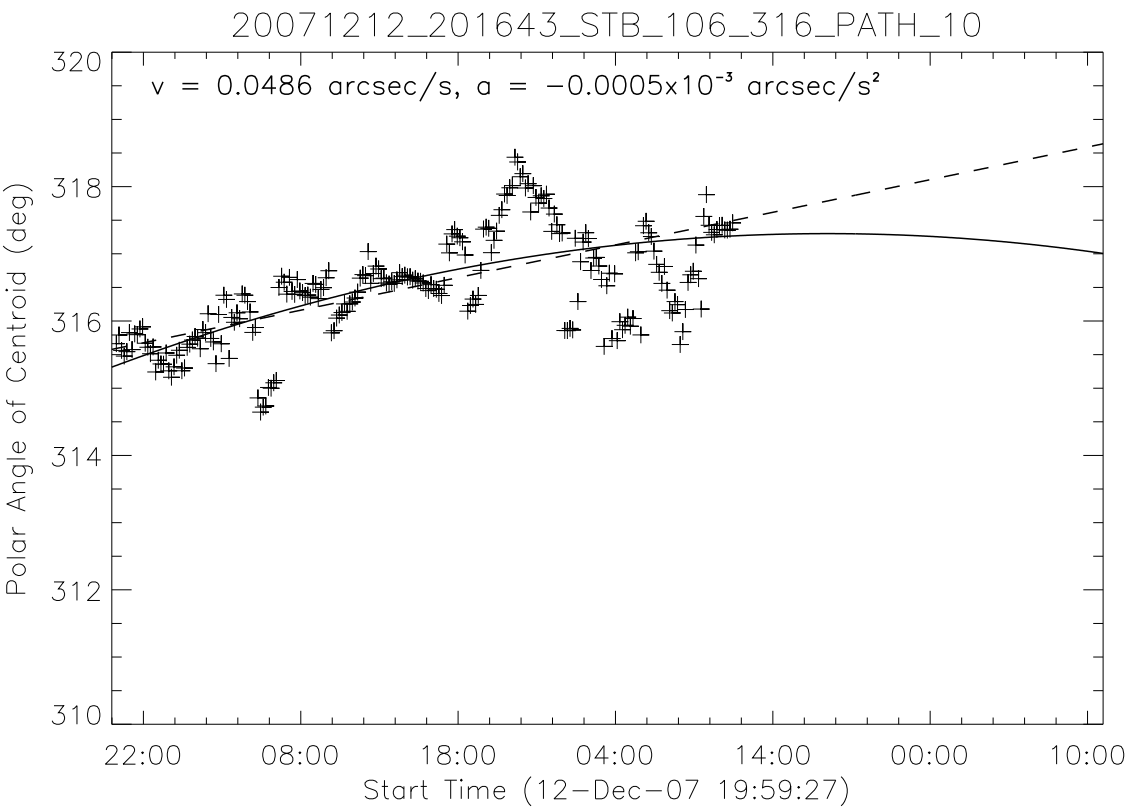
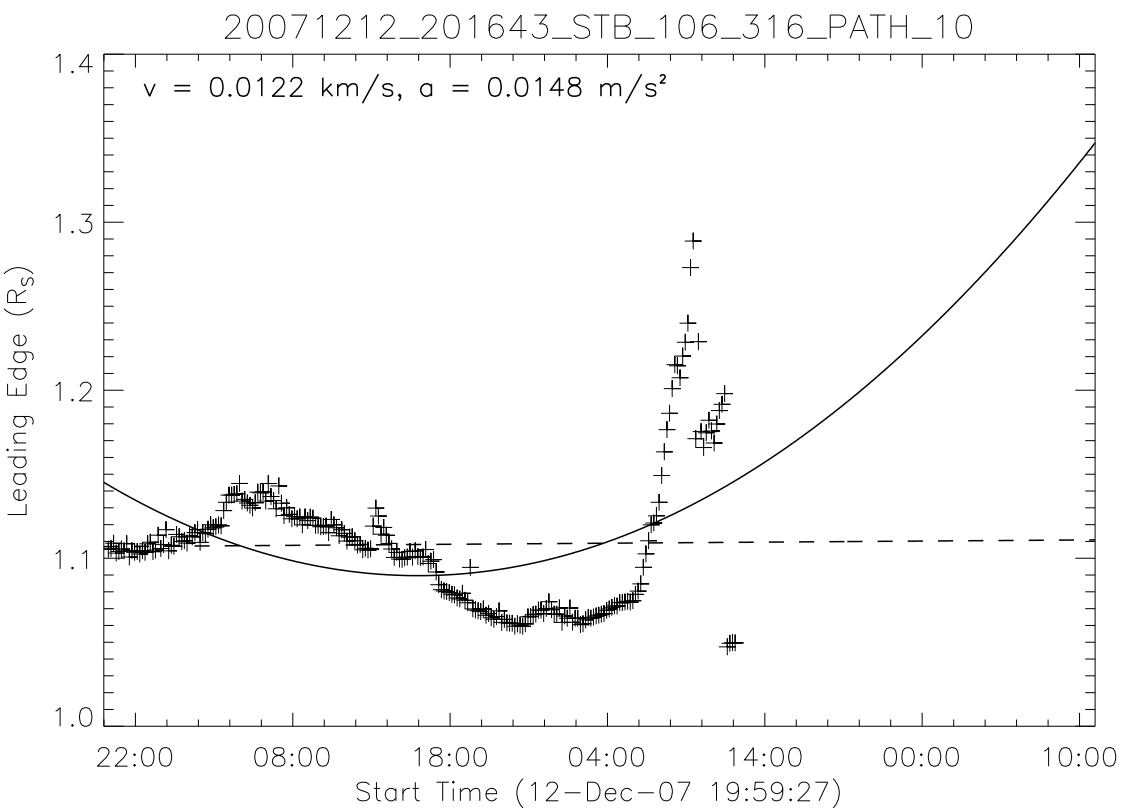
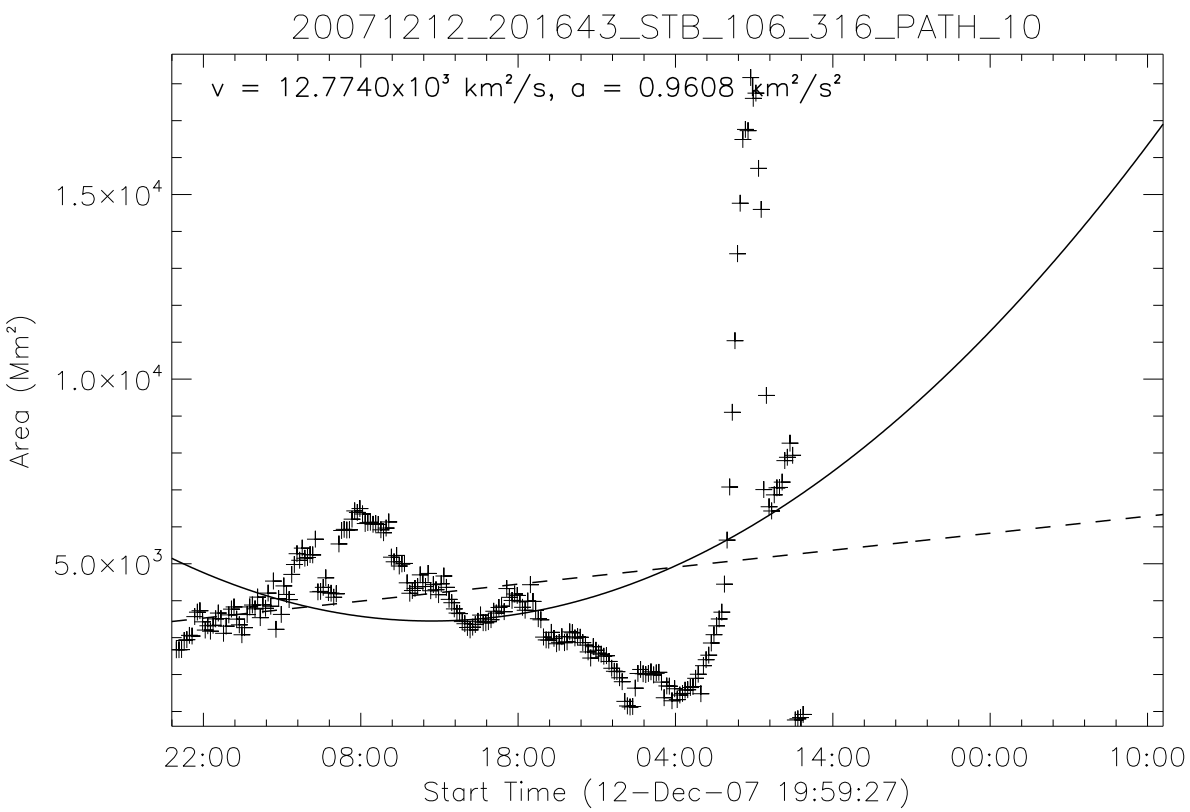
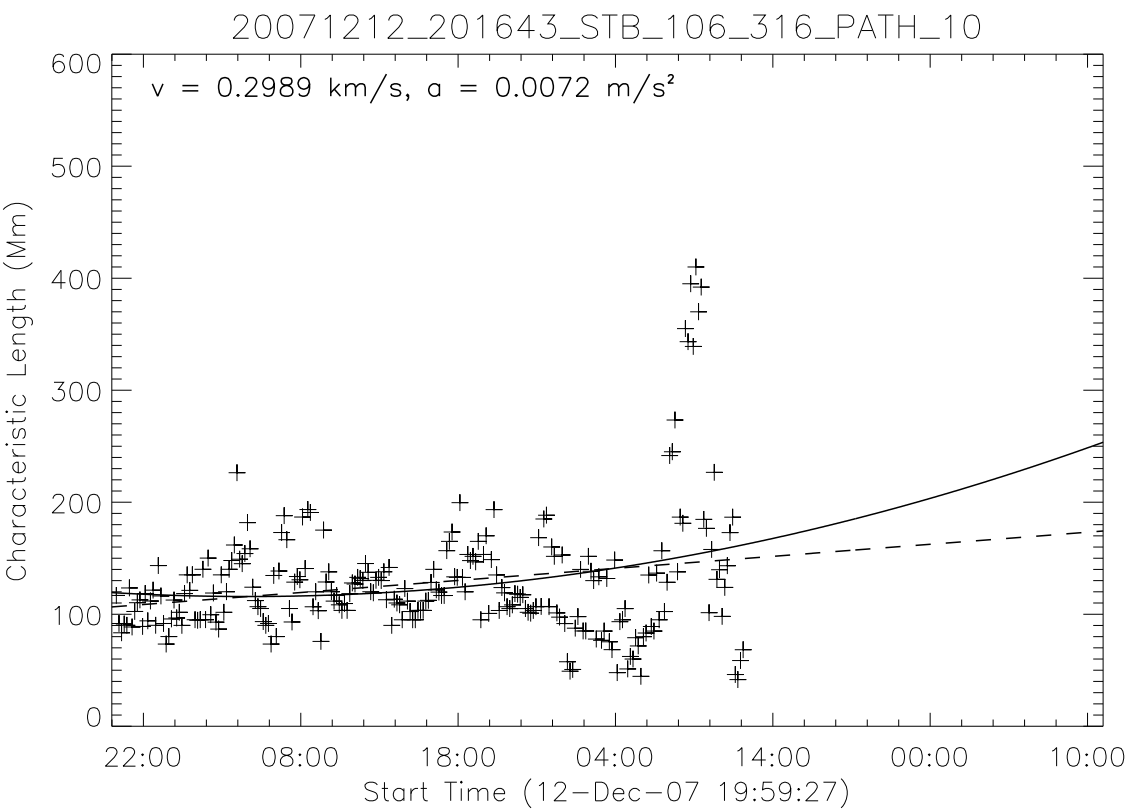
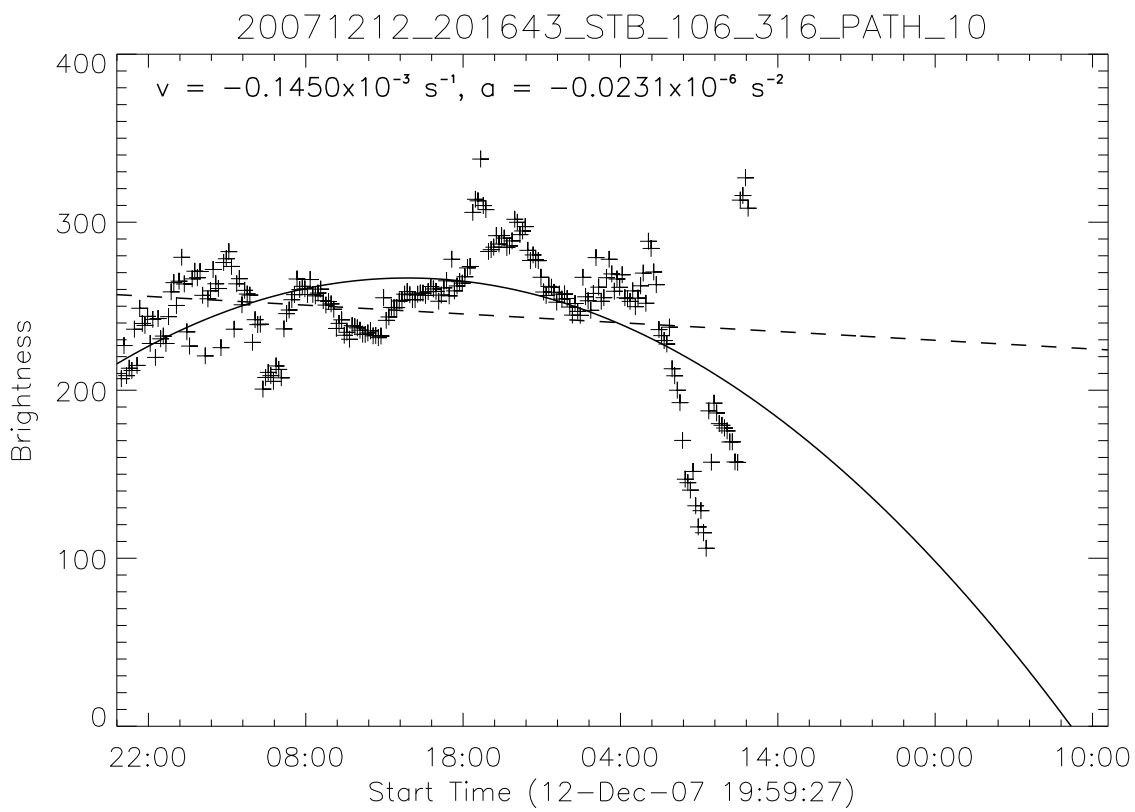

20071212_201643_STB_106_316_PATH_10
v = −0.0207 km/s, a = 0.0041 m/s²
Heliocentric Distance of Centroid (Rs)
1.20
1.15
1.10
1.05
1.00
22:00
08:00
18:00
04:00
14:00
00:00
10:00
Start Time (12−Dec−07 19:59:27)


20071212_201643_STB_106_316_PATH_10
v = 0.0486 arcsec/s, a = −0.0005x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
320
318
316
314
312
310
22:00
08:00
18:00
04:00
14:00
00:00
10:00
Start Time (12−Dec−07 19:59:27)


20071212_201643_STB_106_316_PATH_10
v = 0.0122 km/s, a = 0.0148 m/s²
Leading Edge (Rs)
1.4
1.3
1.2
1.1
1.0
22:00
08:00
18:00
04:00
14:00
00:00
10:00
Start Time (12-Dec-07 19:59:27)


20071212_201643_STB_106_316_PATH_10
v = 12.7740x10³ km²/s, a = 0.9608 km²/s²
1.5×10⁴
1.0×10⁴
5.0×10³
Area (Mm²)
22:00
08:00
18:00
04:00
14:00
00:00
10:00
Start Time (12−Dec−07 19:59:27)


20071212_201643_STB_106_316_PATH_10
v = 0.2989 km/s, a = 0.0072 m/s²
Characteristic Length (Mm)
600
500
400
300
200
100
0
22:00
08:00
18:00
04:00
14:00
00:00
10:00
Start Time (12−Dec−07 19:59:27)


20071212_201643_STB_106_316_PATH_10
v = −0.1450x10⁻³ s⁻¹, a = −0.0231x10⁻⁶ s⁻²
Brightness
400
300
200
100
0
22:00
08:00
18:00
04:00
14:00
00:00
10:00
Start Time (12−Dec−07 19:59:27)