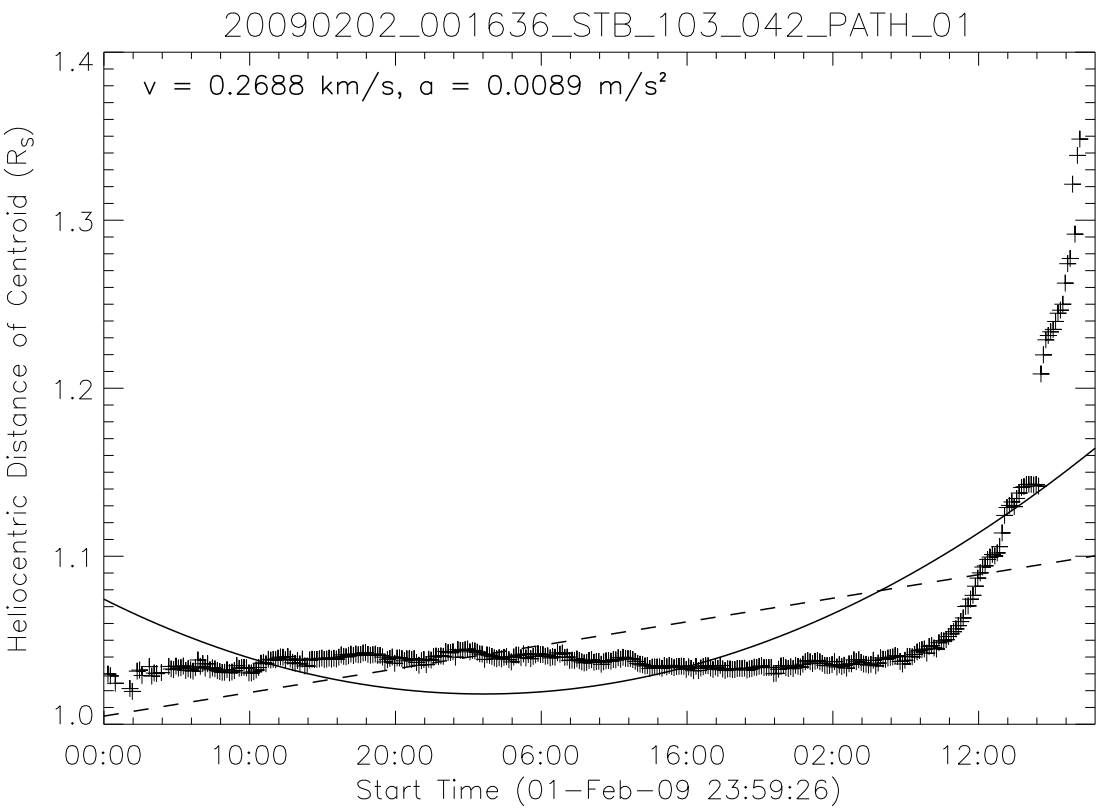
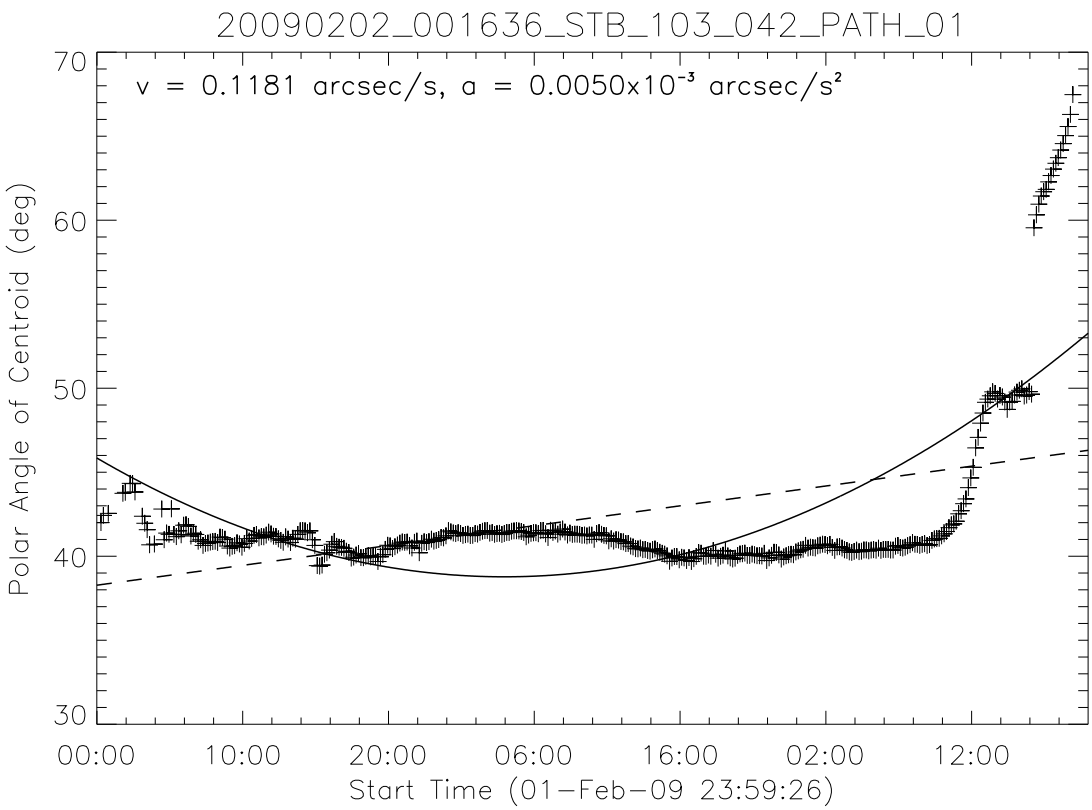
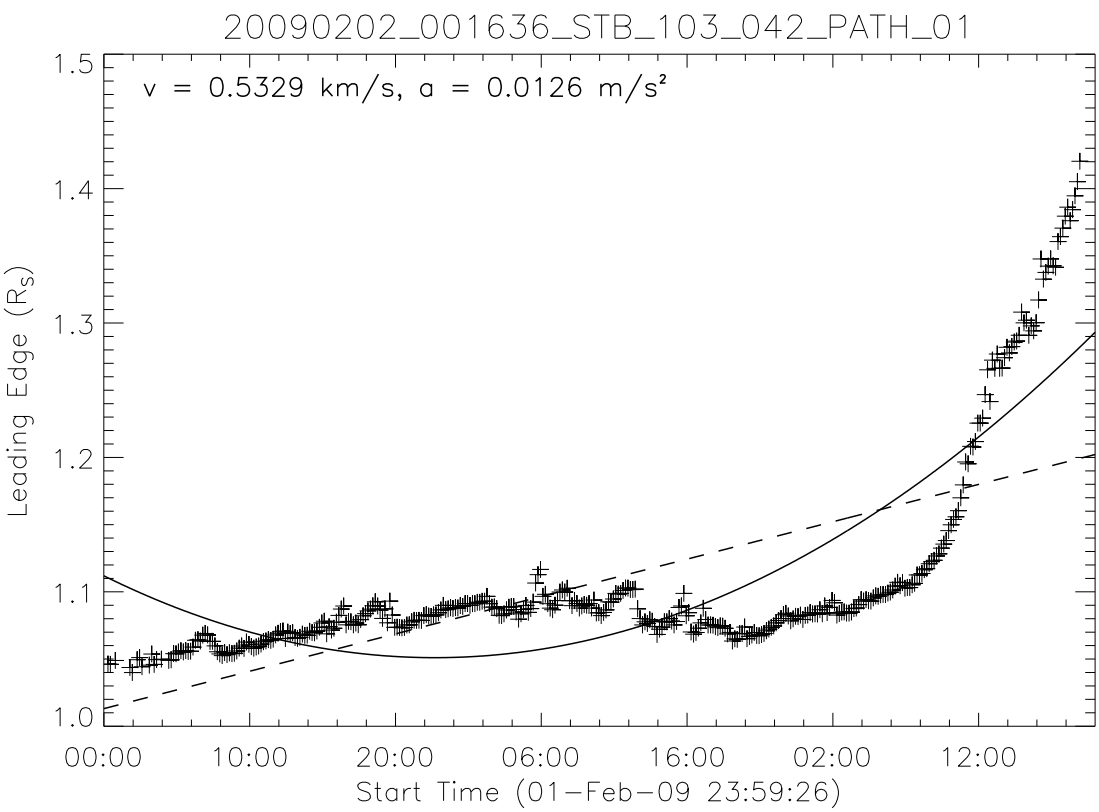
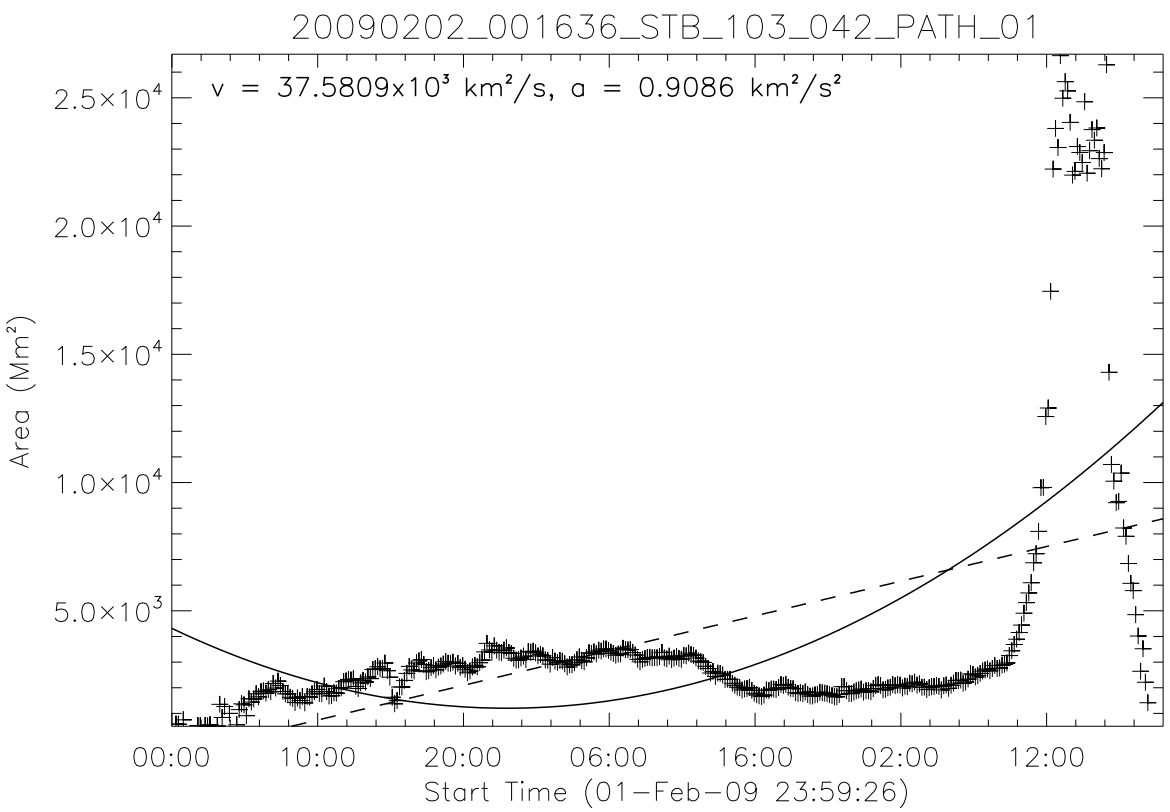
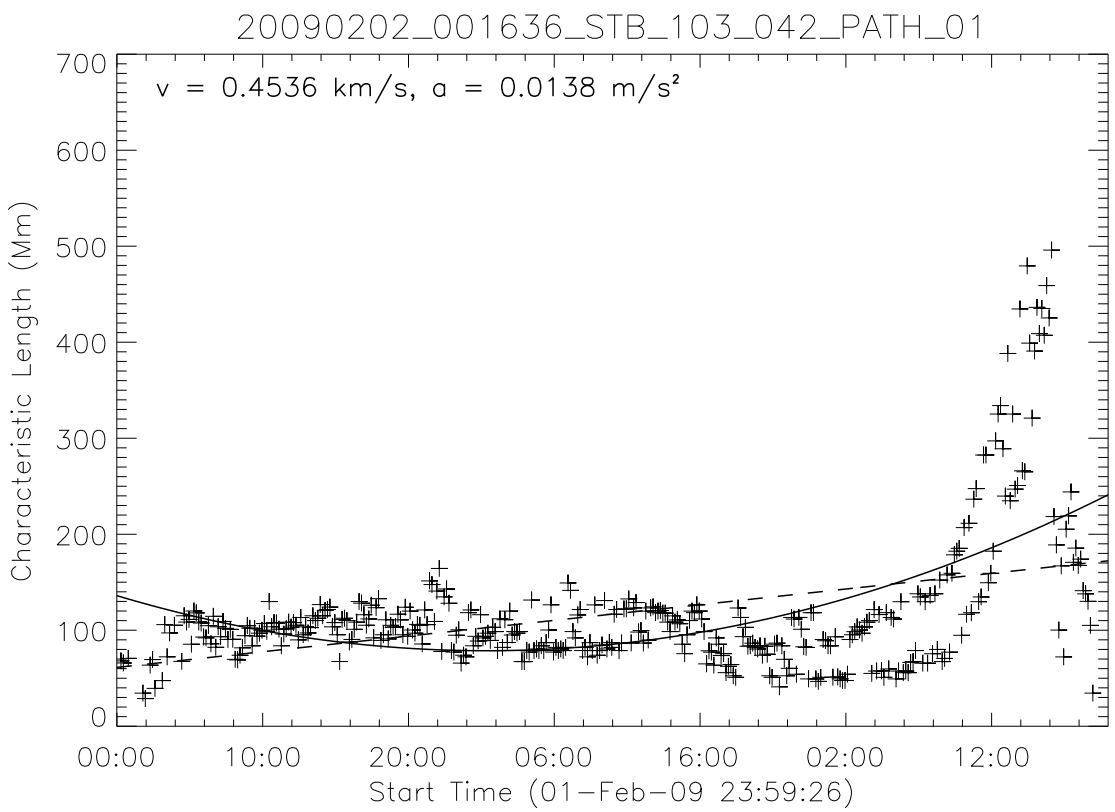
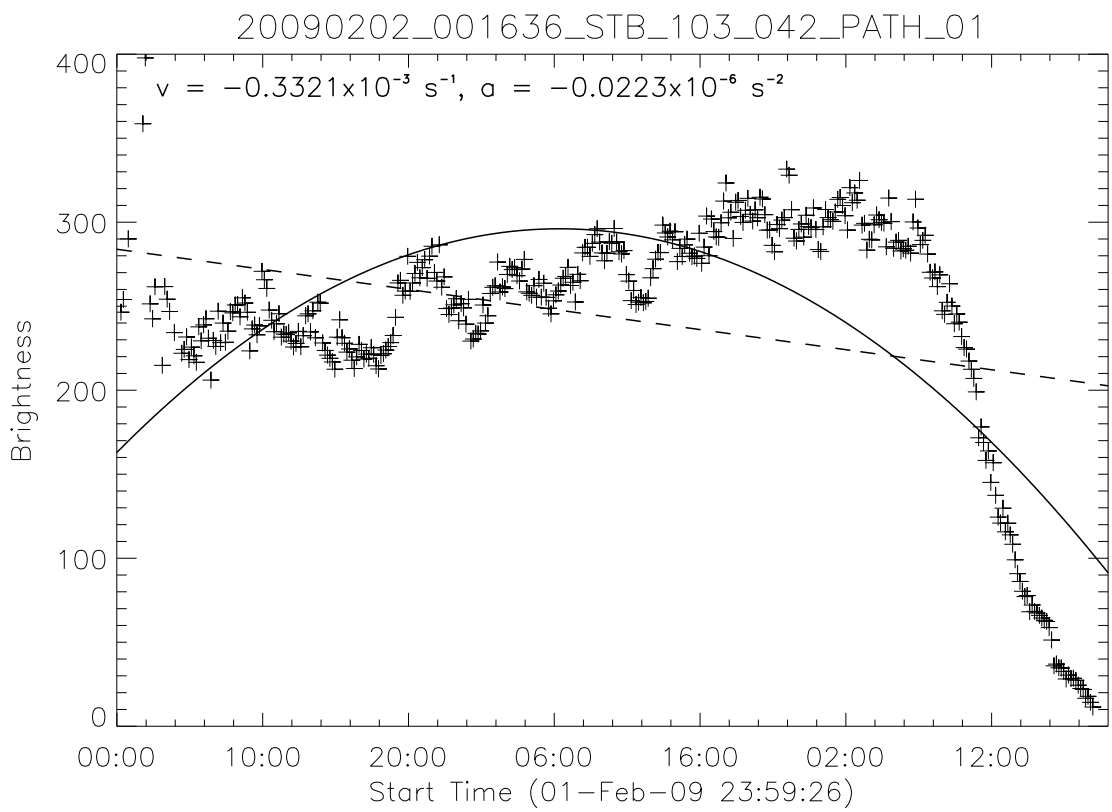

20090202_001636_STB_103_042_PATH_01
v = 0.2688 km/s, a = 0.0089 m/s²
Heliocentric Distance of Centroid (Rs)
1.4
1.3
1.2
1.1
1.0
00:00
10:00
20:00
06:00
16:00
02:00
12:00
Start Time (01−Feb−09 23:59:26)


20090202_001636_STB_103_042_PATH_01
v = 0.1181 arcsec/s, a = 0.0050x10⁻³ arcsec/s²
Polar Angle of Centroid (deg)
70
60
50
40
30
00:00
10:00
20:00
06:00
16:00
02:00
12:00
Start Time (01−Feb−09 23:59:26)


20090202_001636_STB_103_042_PATH_01
v = 0.5329 km/s, a = 0.0126 m/s²
Leading Edge (Rs)
1.5
1.4
1.3
1.2
1.1
1.0
00:00
10:00
20:00
06:00
16:00
02:00
12:00
Start Time (01−Feb−09 23:59:26)


20090202_001636_STB_103_042_PATH_01
v = 37.5809x10³ km²/s, a = 0.9086 km²/s²
2.5×10⁴
2.0×10⁴
1.5×10⁴
1.0×10⁴
5.0×10³
Area (Mm²)
00:00
10:00
20:00
06:00
16:00
02:00
12:00
Start Time (01−Feb−09 23:59:26)


20090202_001636_STB_103_042_PATH_01
v = 0.4536 km/s, a = 0.0138 m/s²
Characteristic Length (Mm)
700
600
500
400
300
200
100
0
00:00
10:00
20:00
06:00
16:00
02:00
12:00
Start Time (01−Feb−09 23:59:26)


20090202_001636_STB_103_042_PATH_01
v = −0.3321x10⁻³ s⁻¹, a = −0.0223x10⁻⁶ s⁻²
Brightness
400
300
200
100
0
00:00
10:00
20:00
06:00
16:00
02:00
12:00
Start Time (01−Feb−09 23:59:26)