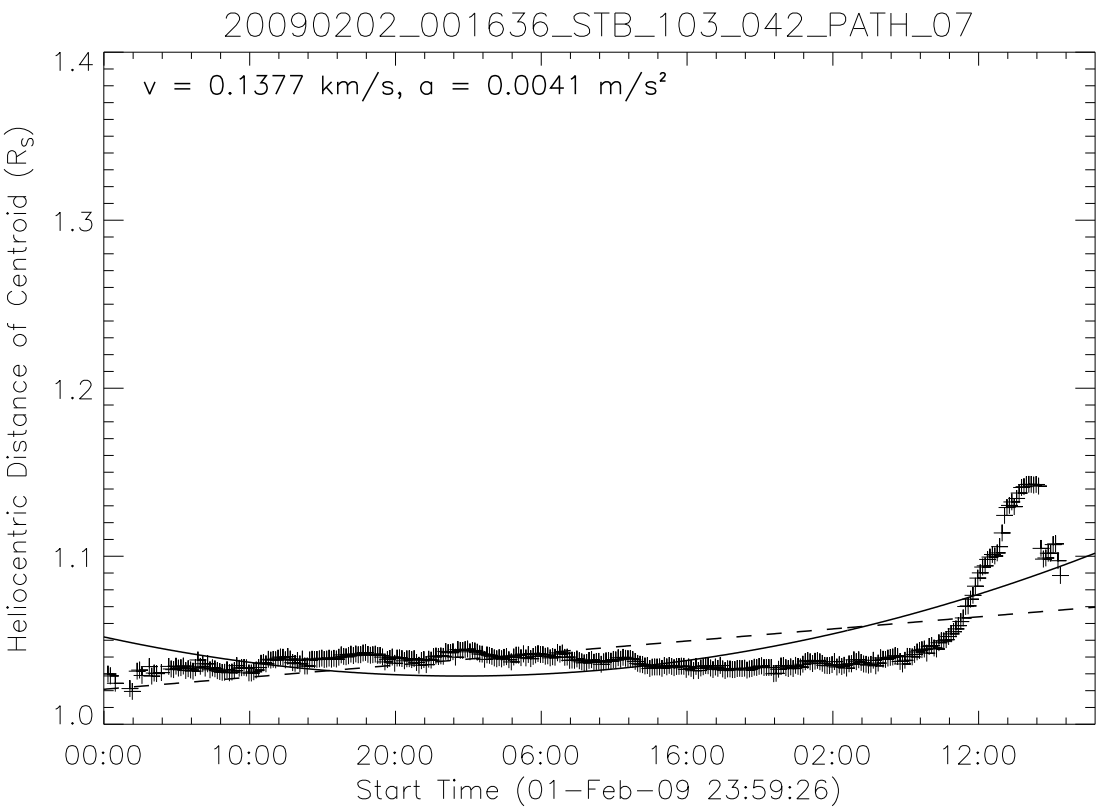
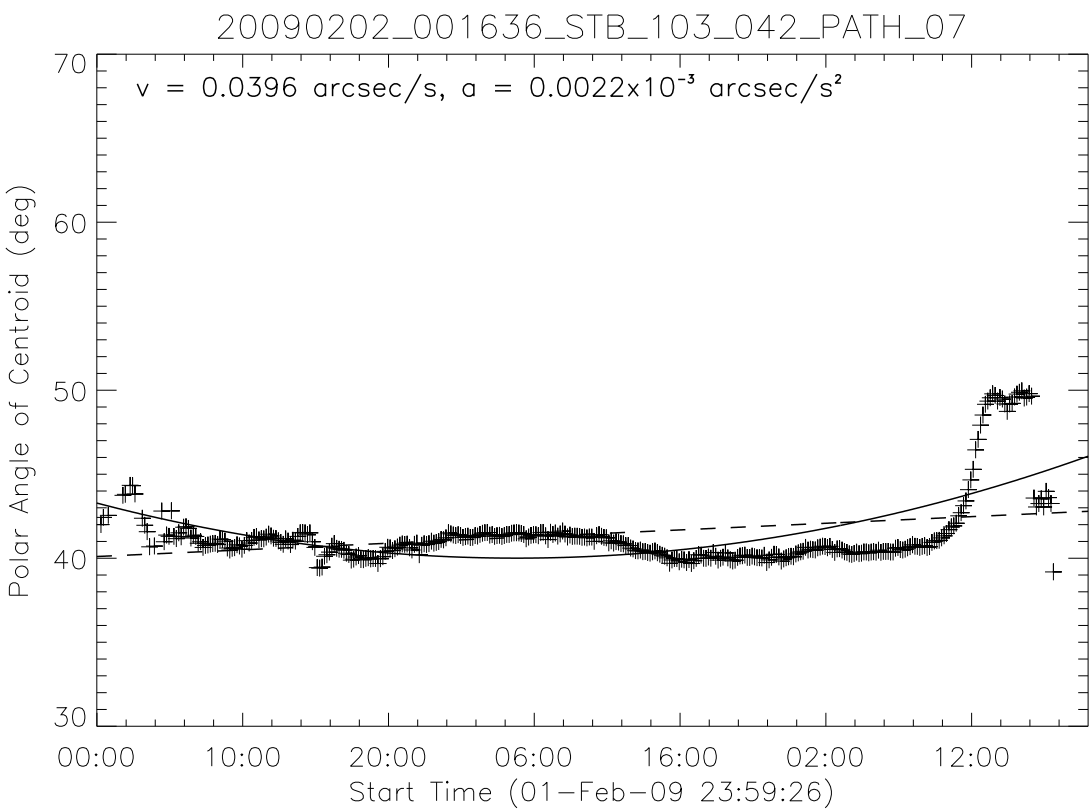
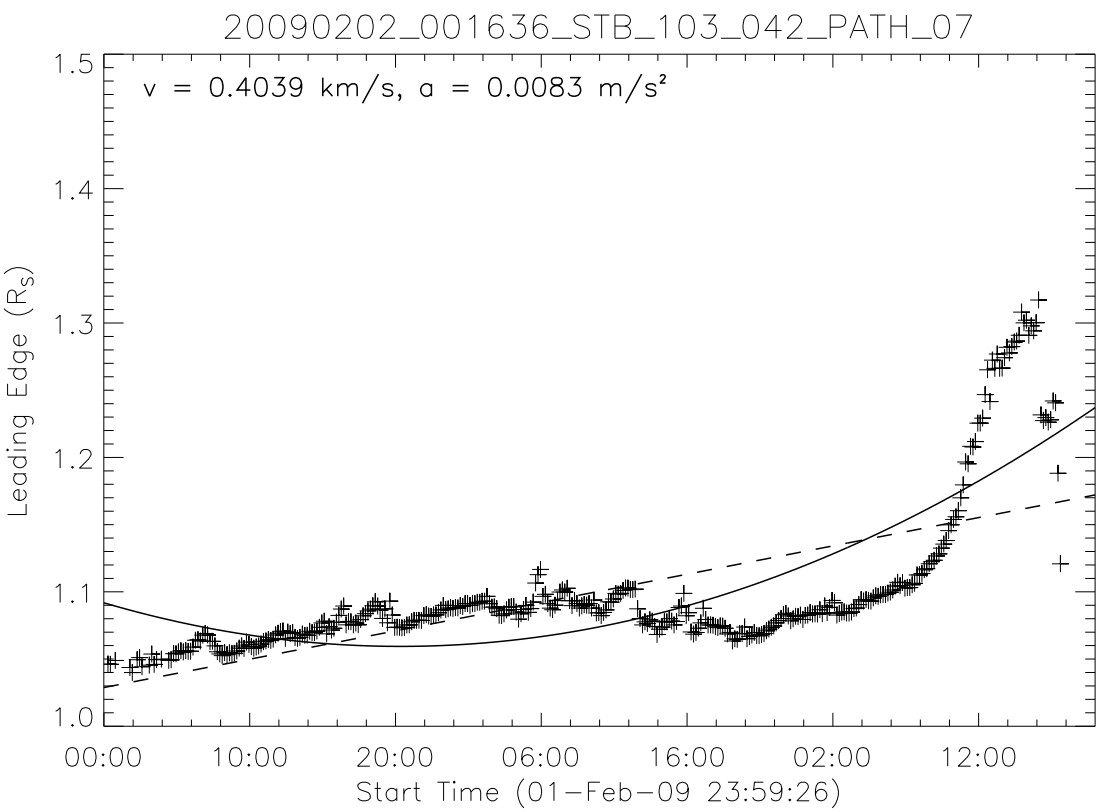
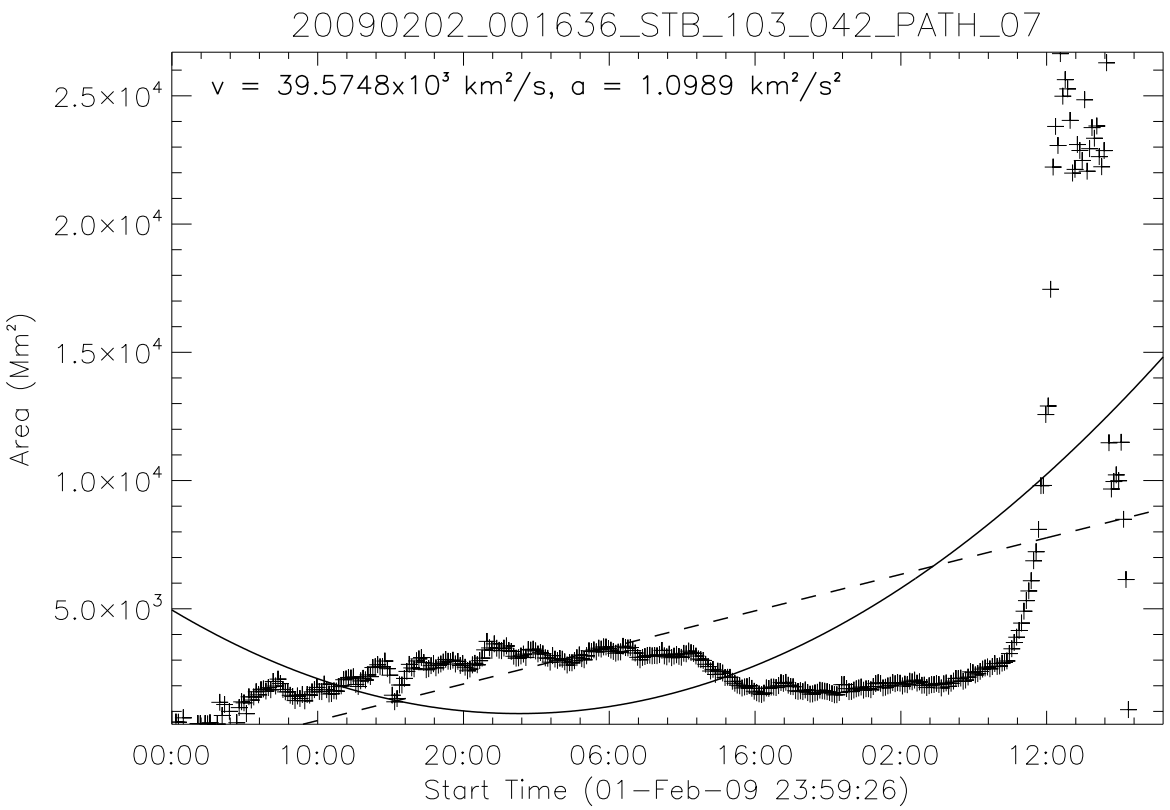
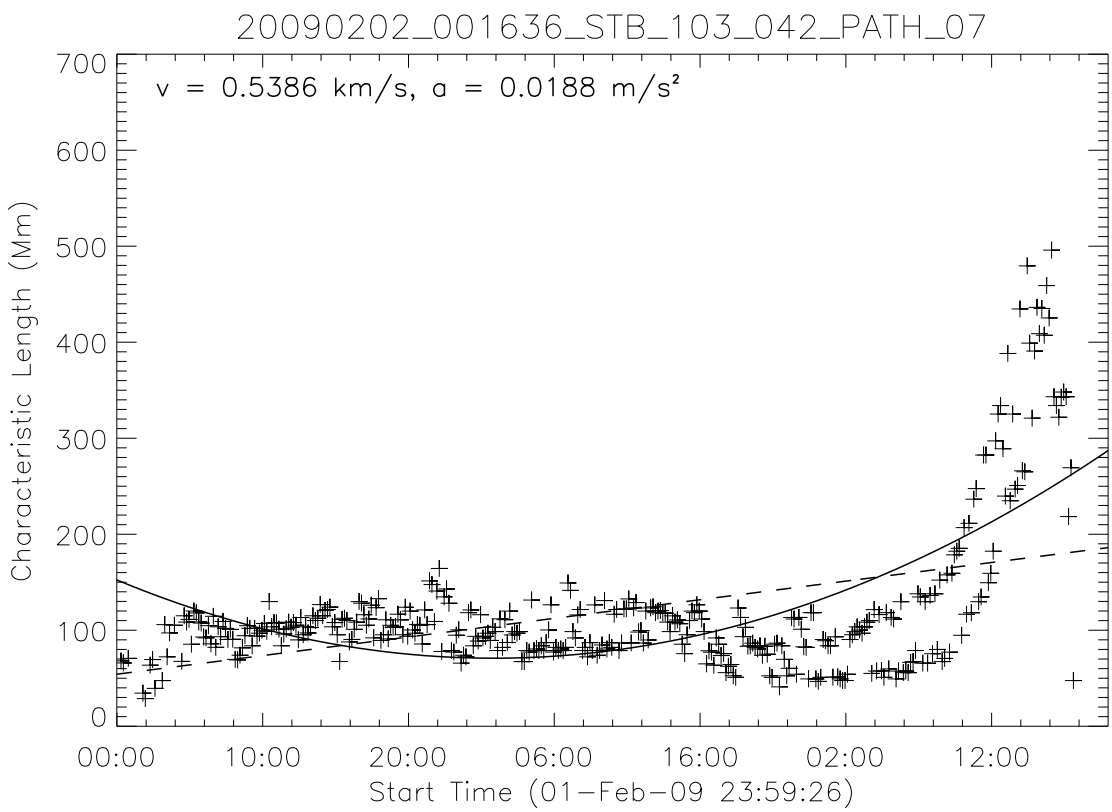
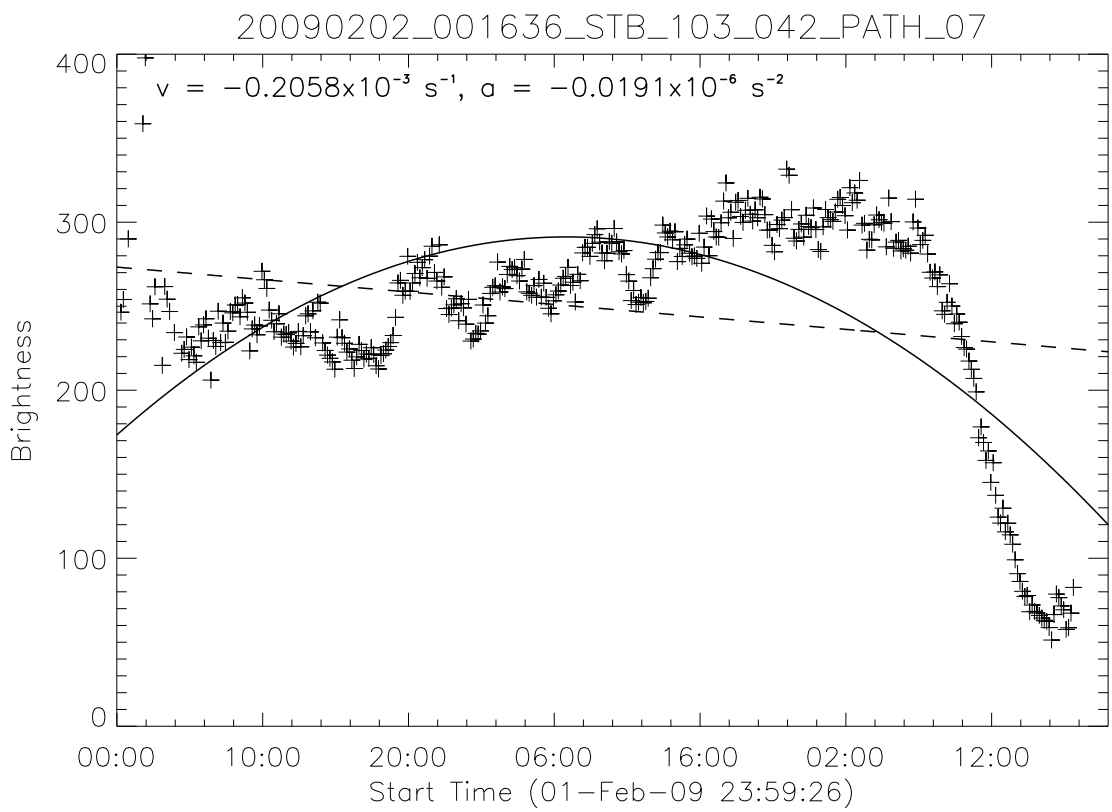

20090202_001636_STB_103_042_PATH_07
v = 0.1377 km/s, a = 0.0041 m/s²
Heliocentric Distance of Centroid (Rs)
1.4
1.3
1.2
1.1
1.0
00:00
10:00
20:00
06:00
16:00
02:00
12:00
Start Time (01−Feb−09 23:59:26)


20090202_001636_STB_103_042_PATH_07
v = 0.0396 arcsec/s, a = 0.0022x10⁻³ 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_07
v = 0.4039 km/s, a = 0.0083 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_07
v = 39.5748x10³ km²/s, a = 1.0989 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_07
v = 0.5386 km/s, a = 0.0188 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_07
v = −0.2058x10⁻³ s⁻¹, a = −0.0191x10⁻⁶ 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)