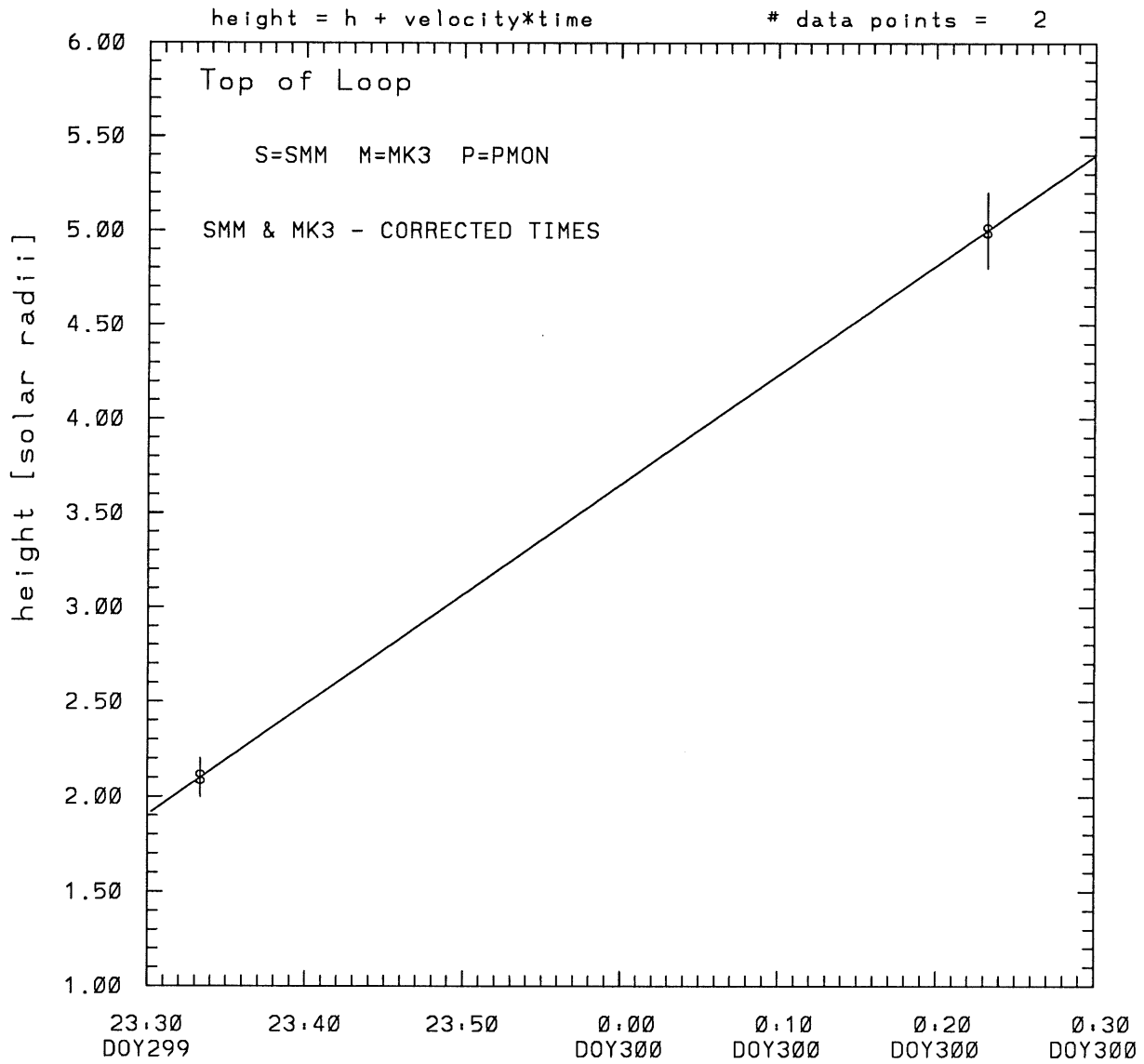


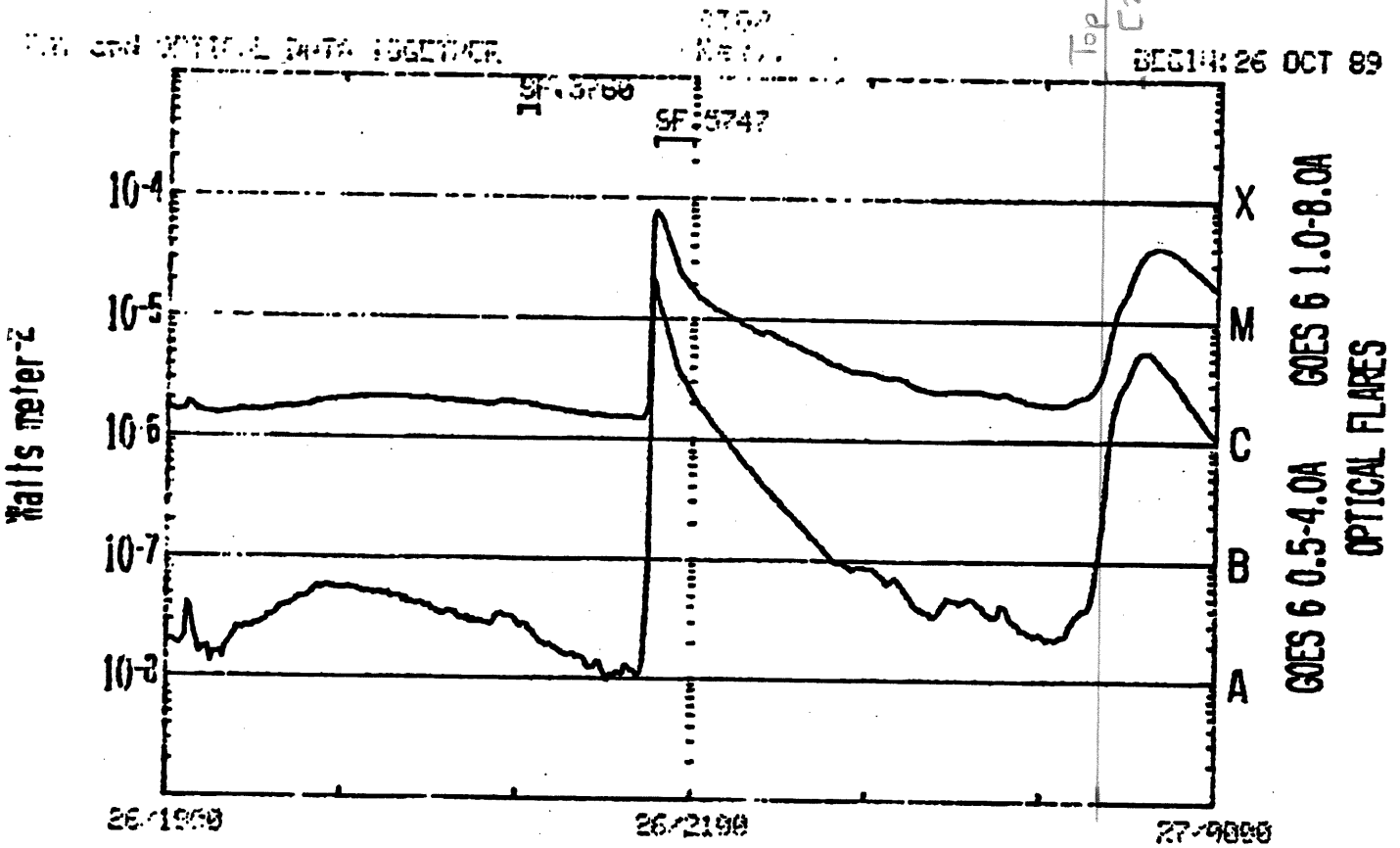
SMM C/P 1989 DOY299 263 +/- 0 degrees



tstart=DOY299 23:16 +/- 0.0 [min.]
radial velocity= 675. +/- 0. [km/sec]

1989 DOY 299

Top of Loop Center = 263°
[23:19] 1st order only



GOES-6 1 MIN DATA; OPTICAL FLARE DUR, IMP, REGION

SAA's
NIGHT

FILE: 2138UT
27 OCT 89

This is a 1 order run

INPUT:

year	day	time	radii	radius	error in angle	error in angle	datatype
1989	299	23:33:22	2.10 +/- 0.10	263.0 +/- 1.0	1.0	SMM	
1989	300	0:23:12	5.00 +/- 0.20	263.0 +/- 1.0	1.0	SMM	

Structure being measured:
Top of Loop

OUTPUT:

START TIME:

Event began at t = 0 + -0.155E+02 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 299 23:16 +/- 0.000E+00 [minutes]

Origin defined at DOY299 23:30

RADIAL INFORMATION:

RADIAL VELOCITY = 675. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.190E+01 +/- 0.406E-06 [solar radii]
c(2) = 0.582E-01 +/- 0.169E-07 [radii/min]
c(2) = 0.675E+03 +/- 0.196E-03 [km/sec]
c(3) = 0.000E+00 +/- 0.000E+00 [radii/min**2]
c(3) = 0.000E+00 +/- 0.000E+00 [km/sec**2]

ANGULAR INFORMATION:

ANGULAR VELOCITY = 0.0000E+00 +/- 0.0000E+00[radians/sec]

The computed ANGULAR coefficients and errors FROM NLLST2 are:

a(1) = 263. +/- 0. [degrees]
a(2) = 0.000E+00 +/- 0.000E+00 [degrees/min]
a(2) = 0.000E+00 +/- 0.000E+00 [rad/sec]
a(3) = 0.000E+00 +/- 0.000E+00 [degrees/min**2]
a(3) = 0.000E+00 +/- 0.000E+00 [rad/sec**2]

The RADIAL velocity at 23:33 = 675. km/sec

The RADIAL velocity at 0:23 = 675. km/sec

The following info is for estimating goodness of the fit

Number data points = number of coefficients. No error analysis is possible.

Correlation coefficient is not computable!