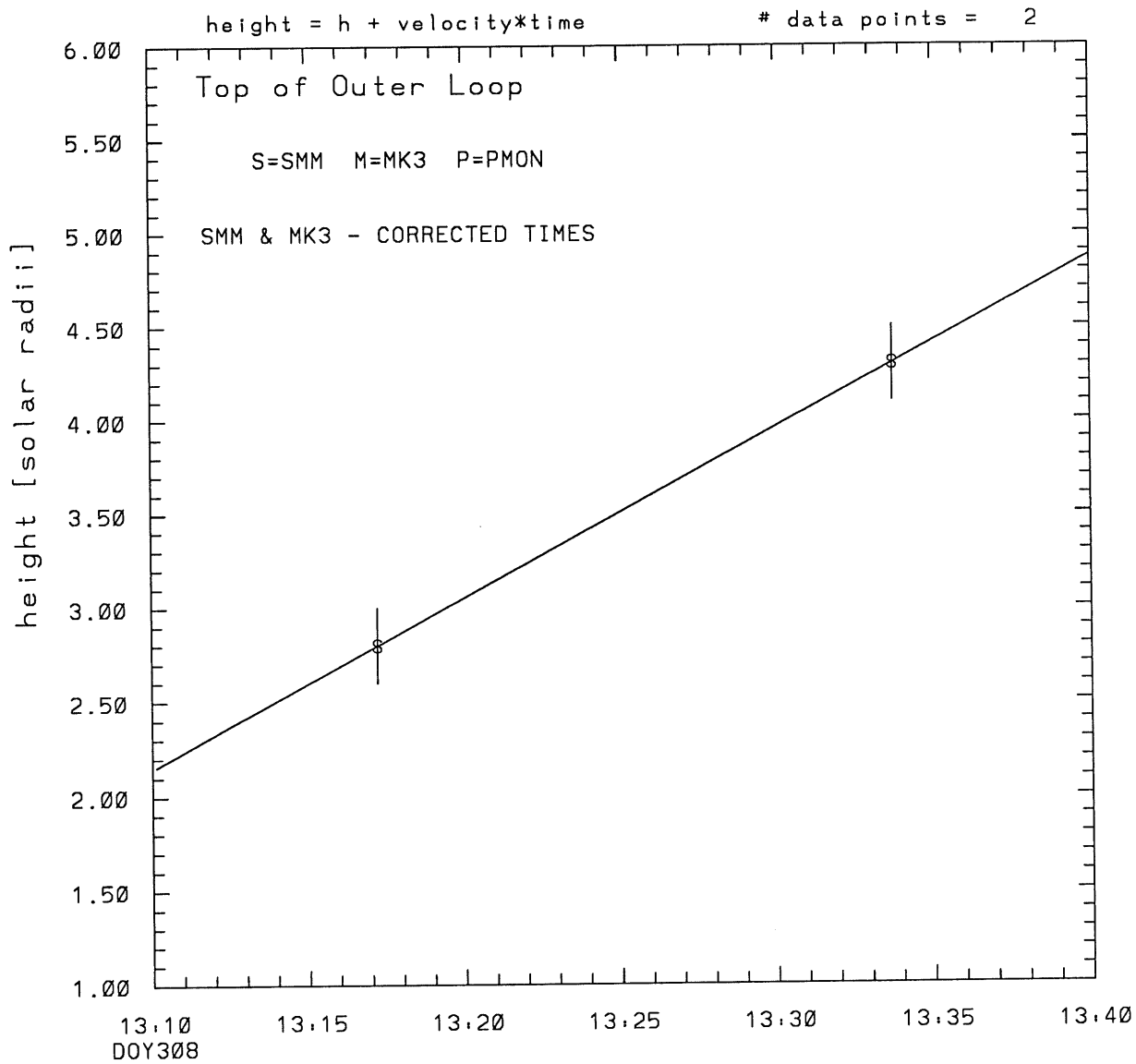


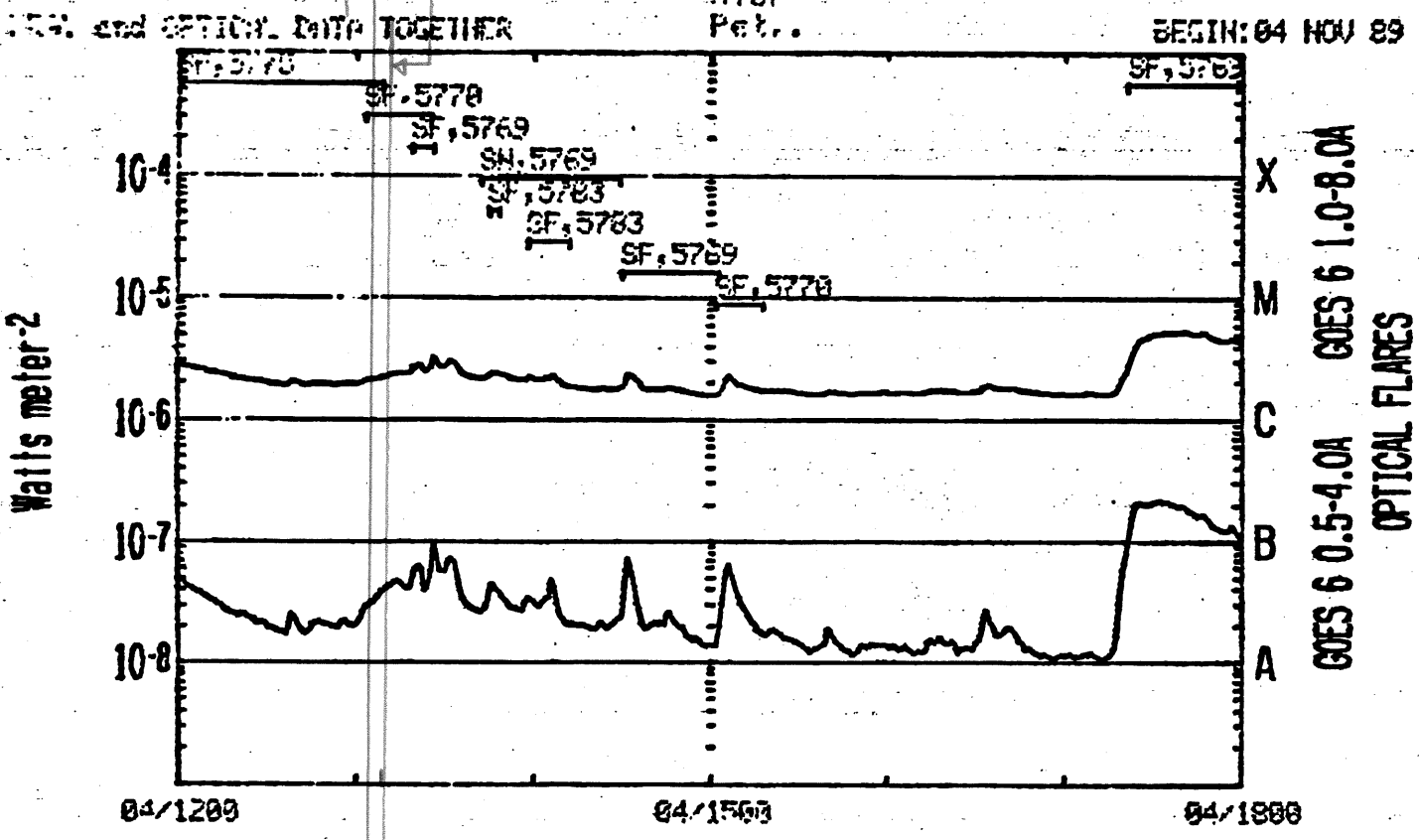
SMM C/P 1989 DOY308 119 +/- 0 degrees



tstart=DOY308 12:59 +/- 0.0 [min.]
radial velocity= 1053. +/- 0. [km/sec]

1989 Day 308

Top of Outer Loop center = 12.8
[13.02] 1st order only
Top of Inner Front
[3.07] 2nd order only



GOES-6 1 MIN DATA: OPTICAL FLARE DUR. IMP. REGION

SAA's NIGHT

RUN: 2125UT
6 NOV 89

This is a 1 order run

INPUT:

year	day	time	radii	radius	error in angle	error in angle	datatype
1989	308	13:17:13	2.80 +/-	0.20	119.0 +/-	0.5	SMM
1989	308	13:33:44	4.30 +/-	0.20	119.0 +/-	1.0	SMM

Structure being measured:
Top of Outer Loop

OUTPUT:

START TIME:

Event began at t = 0 + -0.126E+02 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 308 12:59 +/- 0.000E+00 [minutes]

Origin defined at DOY308 13:10

RADIAL INFORMATION:

RADIAL VELOCITY = 1053. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.214E+01 +/- 0.179E-05 [solar radii]
c(2) = 0.908E-01 +/- 0.102E-06 [radii/min]
c(2) = 0.105E+04 +/- 0.118E-02 [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) = 119. +/- 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 13:17 = 1053. km/sec

The RADIAL velocity at 13:33 = 1053. 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!