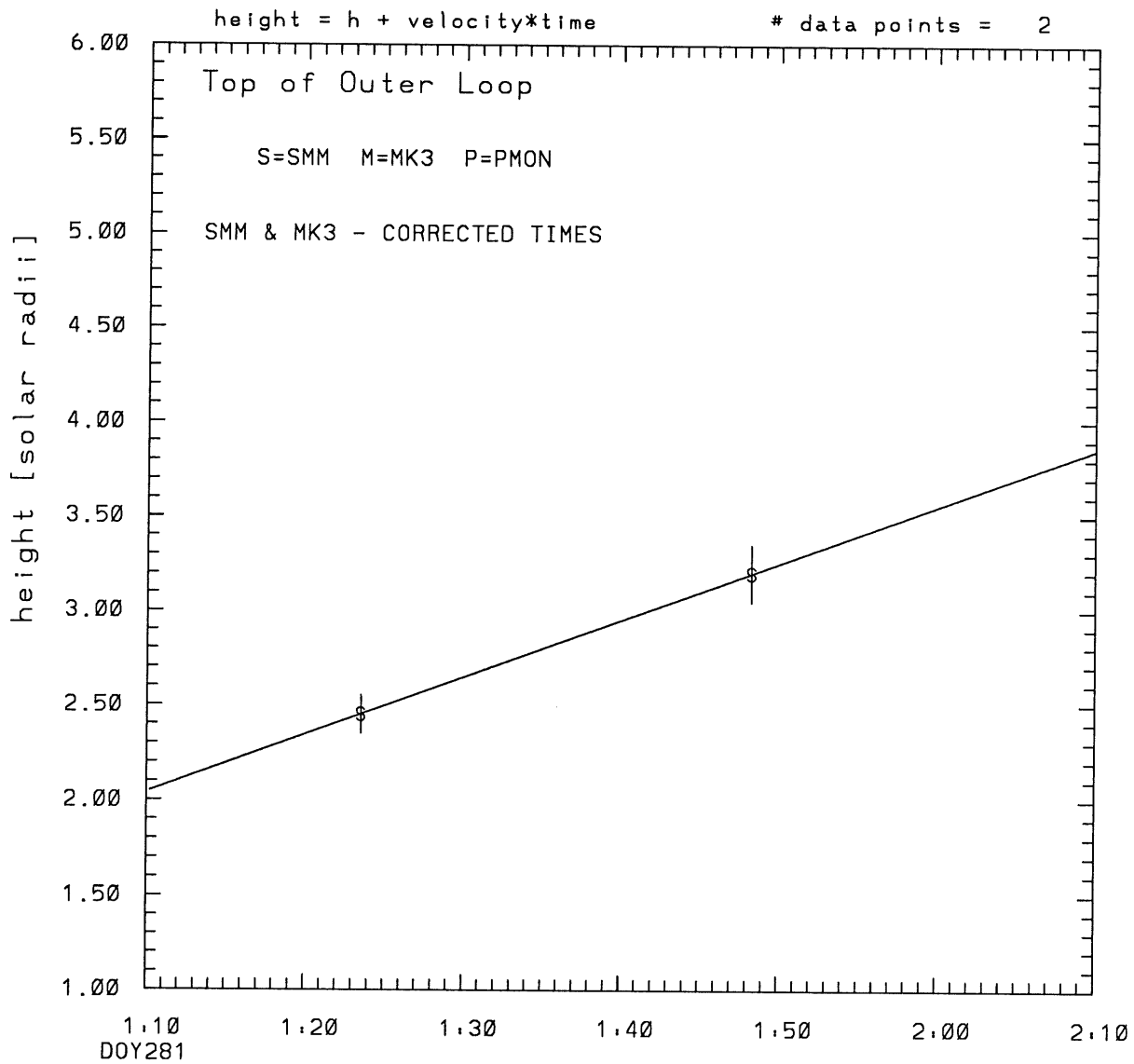


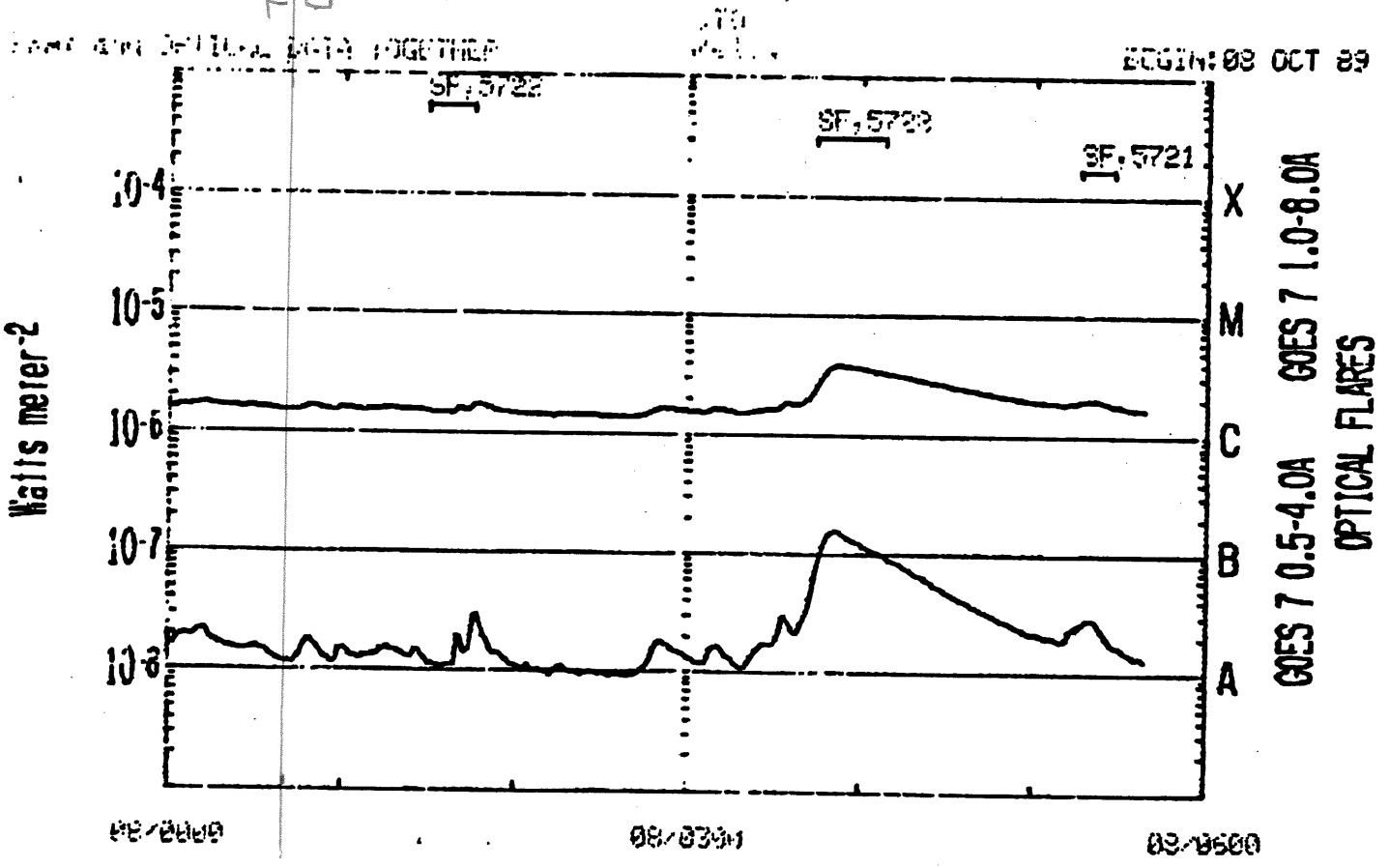
SMM C/P 1989 DOY281 42 +/- 0 degrees



tstart=DOY281 0:36 +/- 0.0 [min.]
radial velocity= 351. +/- 0. [km/sec]

1989 DOY 281

Top of Outer Loop center = 42°
[0:34] 1st order only



GOES-7 1 MIN DATA: OPTICAL FLARE DUR, IMP, REGION

SAA's NIGHT

RUH: 1312UT
11 OCT 89

This is a 1 order run

INPUT:

year	day	time	radii	radius	error in angle	error in angle	datatype
1989	281	1:23:32	2.45 +/-	0.10	42.0 +/-	0.5	SMM
1989	281	1:48:18	3.20 +/-	0.15	42.0 +/-	1.0	SMM

Structure being measured:
Top of Outer Loop

OUTPUT:

START TIME:

Event began at t = 0 + -0.343E+02 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 281 0:36 +/- 0.000E+00 [minutes]
Origin defined at DOY281 1:10

RADIAL INFORMATION:

RADIAL VELOCITY = 351. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.204E+01 +/- 0.128E-05 [solar radii]
c(2) = 0.303E-01 +/- 0.532E-07 [radii/min]
c(2) = 0.351E+03 +/- 0.617E-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) = 42. +/- 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 1:23 = 351. km/sec

The RADIAL velocity at 1:48 = 351. 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!