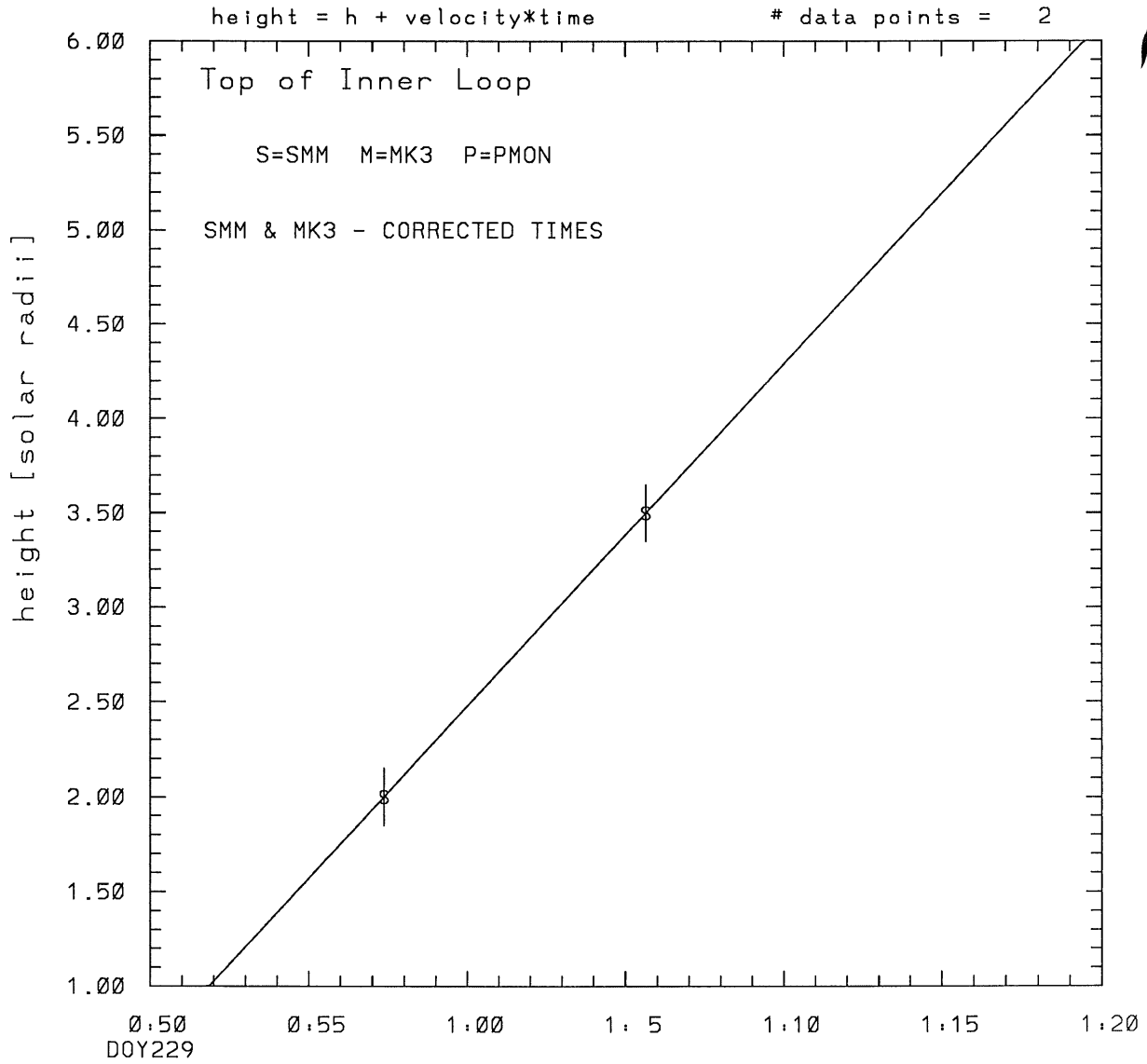


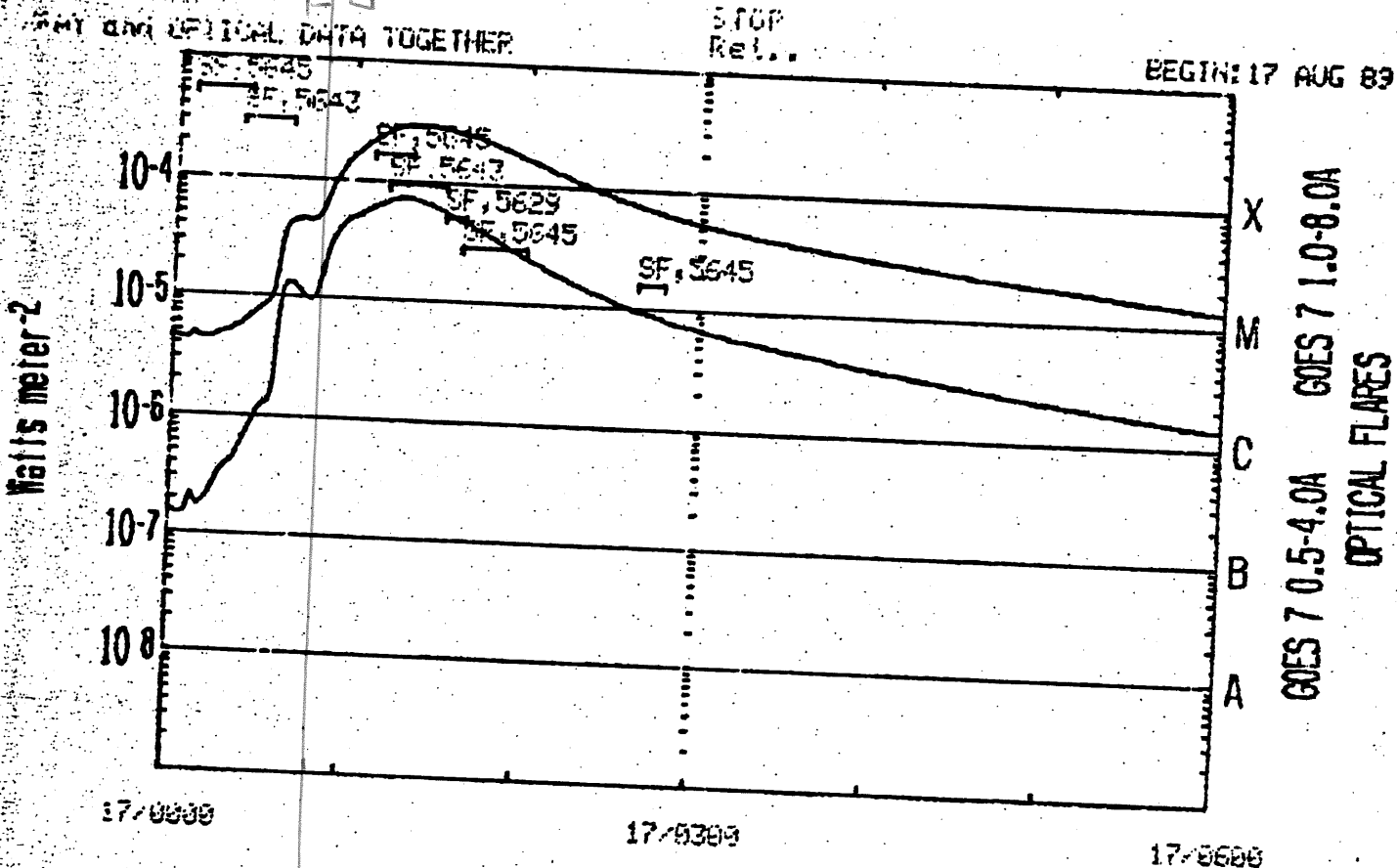
SMM C/P 1989 DOY229 260 +/- 0 degrees



tstart=DOY229 0:52 +/- 0.0 [min.]
radial velocity= 2101. +/- 0. [km/sec]

1989 Day 229

Top of Inner Loop, Center = 26.2°
[0:52] 1st order only



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

SAA's NIGHT

RUN: 2016UT
21 AUG 89

This is a 1 order run

INPUT:

year	day	time	radii	error in radius	angle	error in angle	datatype
1989	229	0:57:22	2.00	+/- 0.15	260.0	+/- 0.5	SMM
1989	229	1: 5:39	3.50	+/- 0.15	260.0	+/- 1.0	SMM

Structure being measured:

Top of Inner Loop

OUTPUT:

START TIME:

Event began at $t = 0 + 0.184E+01 \pm 0.000E+00$ [minutes]

In more convenient units:

Event began at DOY 229 0:52 $\pm 0.000E+00$ [minutes]

Origin defined at DOY229 0:50

RADIAL INFORMATION:

RADIAL VELOCITY = 2101. \pm 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.666E+00 \pm 0.000E+00 [solar radii]
c(2) = 0.181E+00 \pm 0.000E+00 [radii/min]
c(2) = 0.210E+04 \pm 0.000E+00 [km/sec]
c(3) = 0.000E+00 \pm 0.000E+00 [radii/min**2]
c(3) = 0.000E+00 \pm 0.000E+00 [km/sec**2]

ANGULAR INFORMATION:

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

The computed ANGULAR coefficients and errors FROM NLLST2 are:

a(1) = 260. \pm 0. [degrees]
a(2) = 0.000E+00 \pm 0.000E+00 [degrees/min]
a(2) = 0.000E+00 \pm 0.000E+00 [rad/sec]
a(3) = 0.000E+00 \pm 0.000E+00 [degrees/min**2]
a(3) = 0.000E+00 \pm 0.000E+00 [rad/sec**2]

THE TANGENTIAL AND TOTAL VELOCITIES AT EACH DATA POINT ARE:

The TANGENTIAL velocity at 0:57 = 0. km/sec

The TOTAL velocity at 0:57 = 2101. km/sec

The TANGENTIAL velocity at 1: 5 = 0. km/sec

The TOTAL velocity at 1: 5 = 2101. 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!