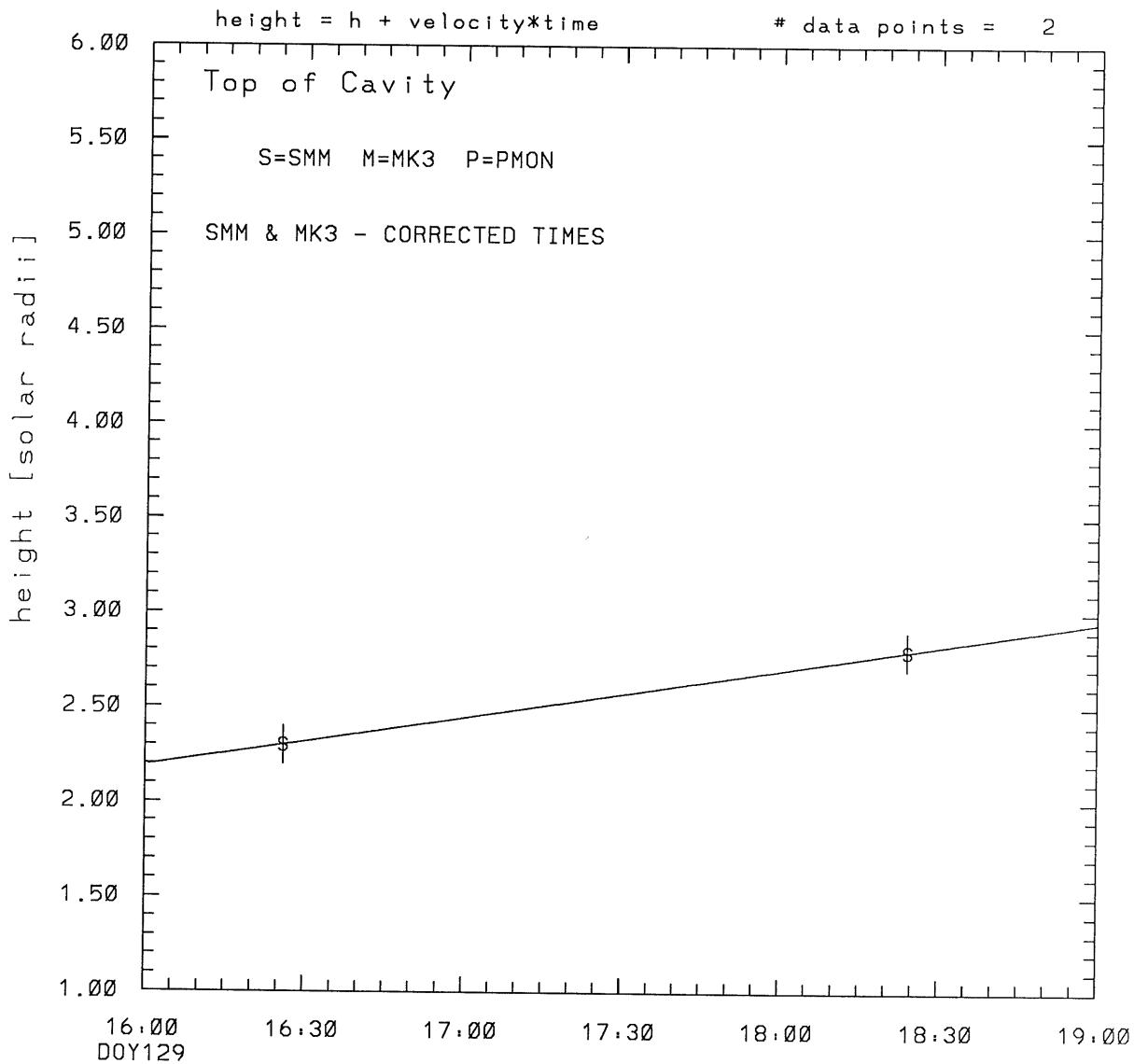
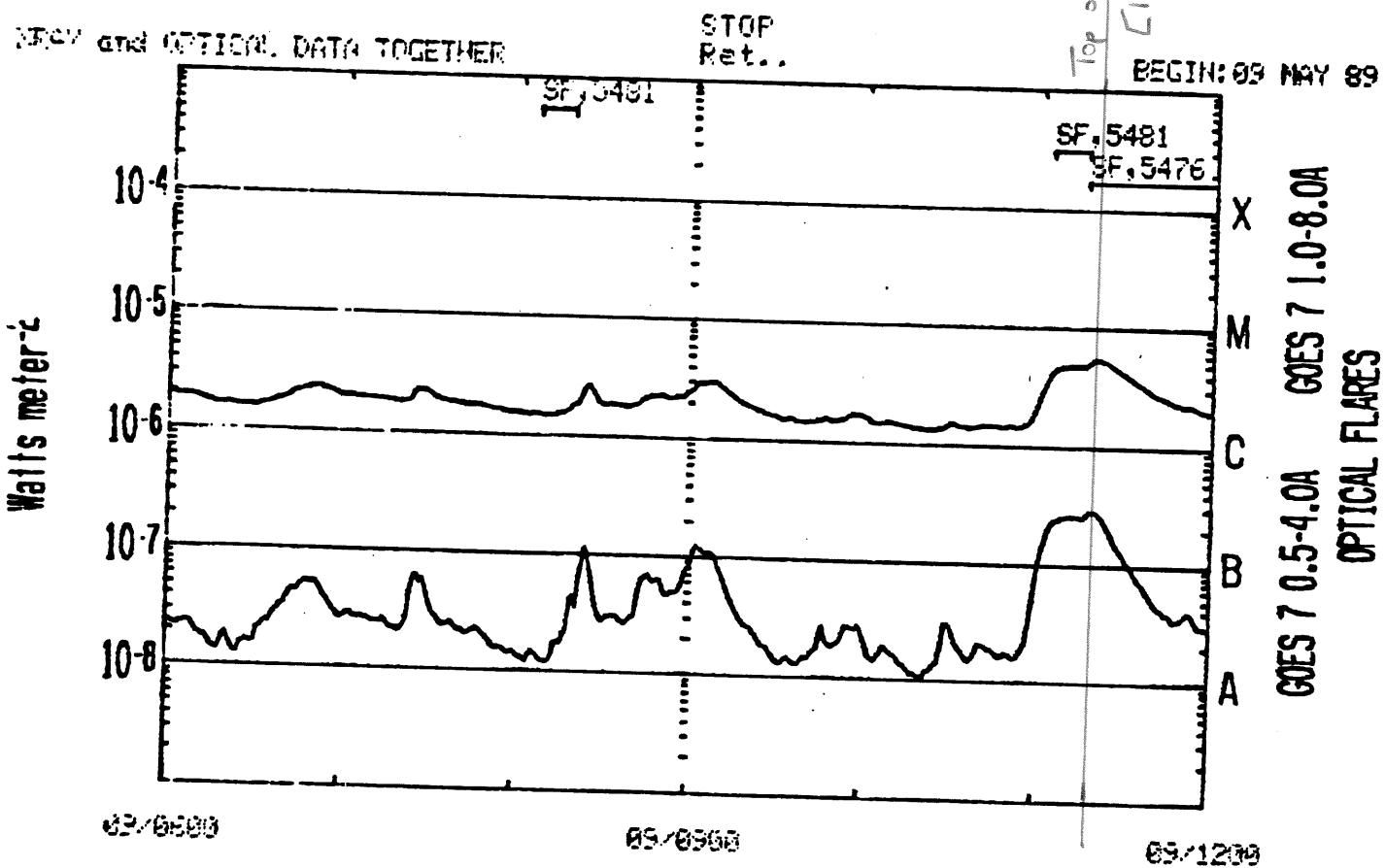


SMM C/P 1989 DOY129 250 +/- 0 degrees



tstart=DOY129 11:19 +/- 0.0 [min.]
radial velocity= 49. +/- 0. [km/sec]

1989 Day 129



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

RUN: 1539UT
18 APR 89

This is a 1 order run

INPUT:

year	doy	time	radii	radius	error in angle	error in angle	datatype
1989	129	16:25:58	2.30	+/- 0.10	250.0	+/- 0.5	SMM
1989	129	18:24:7	2.80	+/- 0.10	250.0	+/- 0.5	SMM

Structure being measured:

Top of Cavity

OUTPUT:

START TIME:

Event began at t = 0 + -0.281E+03 +/- 0.000E+00 [minutes]

In more convenient units:

Event began at DOY 129 11:19 +/- 0.000E+00 [minutes]

Origin defined at DOY129 16: 0

RADIAL INFORMATION:

RADIAL VELOCITY = 49. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.219E+01 +/- 0.132E-05 [solar radii]
c(2) = 0.423E-02 +/- 0.128E-07 [radii/min]
c(2) = 0.491E+02 +/- 0.148E-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) = 250. +/- 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 TANGENTIAL AND TOTAL VELOCITIES AT EACH DATA POINT ARE:
The TANGENTIAL velocity at 16:25 = 0. km/sec
The TOTAL velocity at 16:25 = 49. km/sec

The TANGENTIAL velocity at 18:24 = 0. km/sec
The TOTAL velocity at 18:24 = 49. 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!