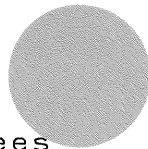
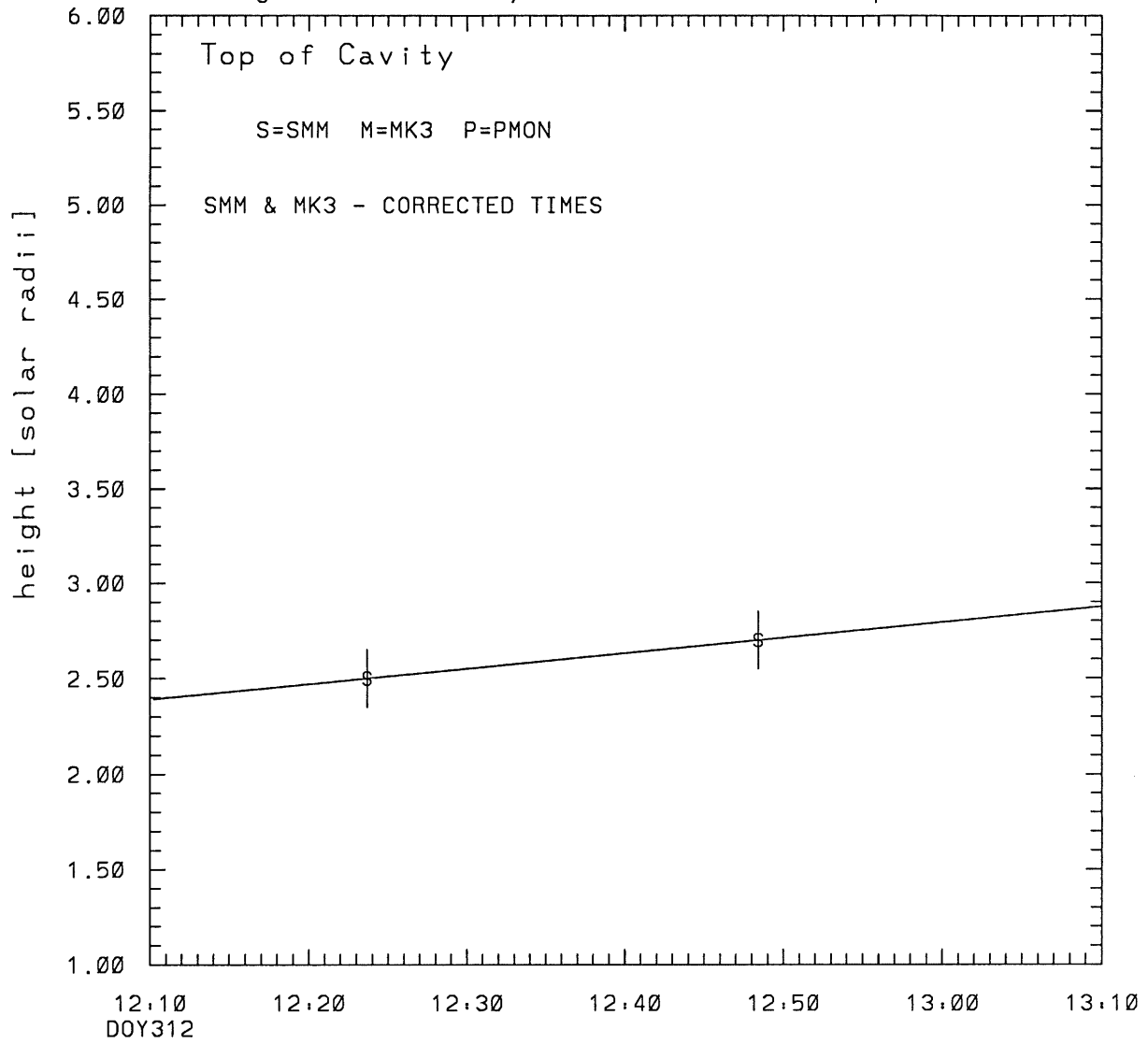


SMM C/P 1989 DOY312 54 +/- 0 degrees



height = h + velocity*time

data points = 2

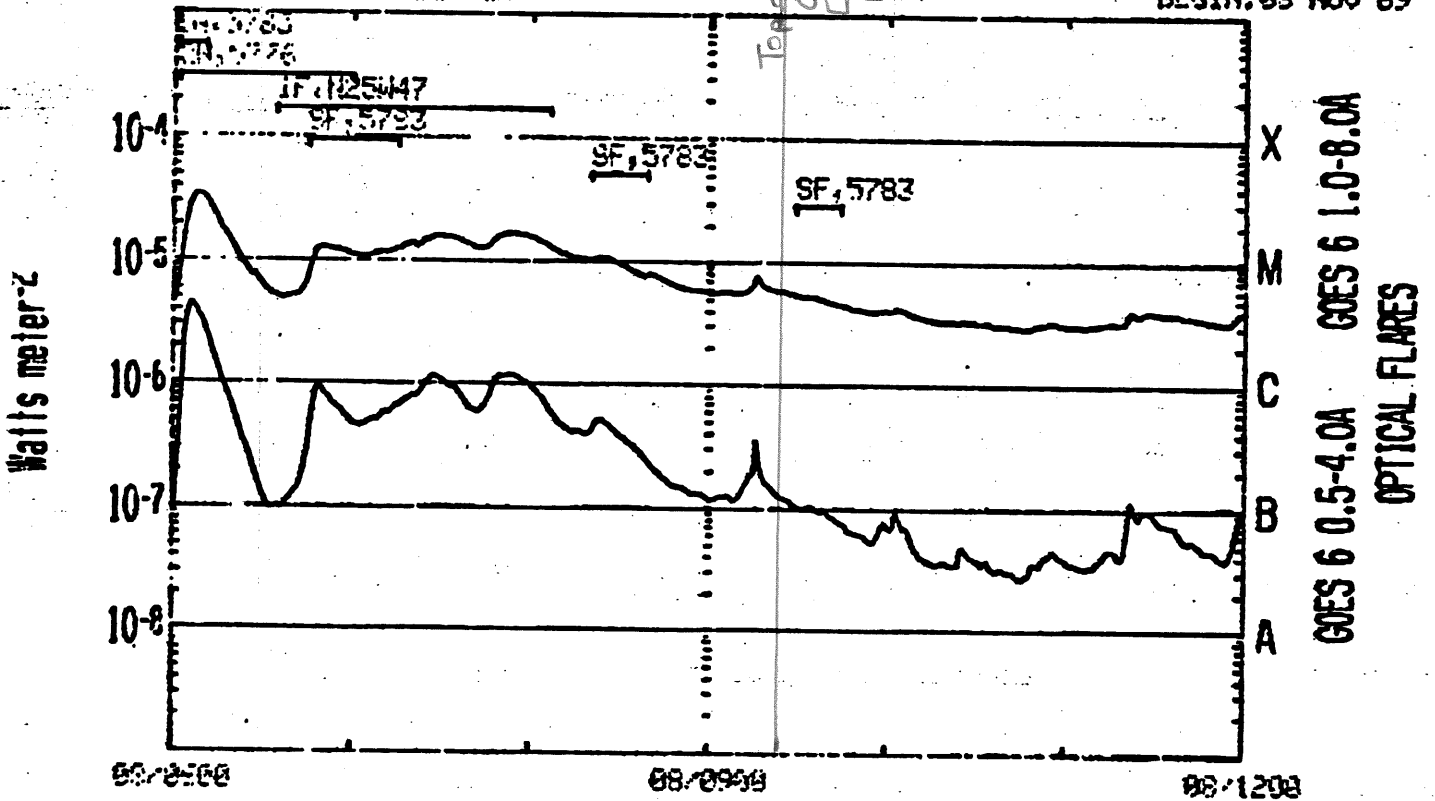


tstart=DOY312 9.20 +/- 0.0 [min.]
radial velocity= 94. +/- 0. [km/sec]

1989 Day 312

SAF and OPTICAL DATA TOGETHER

BEGIN: 89 NOV 89



GOES 6 0.5-4.0A GOES 6 1.0-8.0A
OPTICAL FLARES

SAA's
NIGHT

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

RUN: 2153UT
13 NOV 89

This is a 1 order run

INPUT:

year	day	time	radii	radius	error in angle	error in angle	datatype
1989	312	12:23:40	2.50 +/-	0.15	54.0 +/-	0.5	SMM
1989	312	12:48:25	2.70 +/-	0.15	54.0 +/-	0.5	SMM

Structure being measured:
Top of Cavity

OUTPUT:

START TIME:

Event began at t = 0 + -0.172E+03 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 312 9:20 +/- 0.000E+00 [minutes]

Origin defined at DOY312 12:10

RADIAL INFORMATION:

RADIAL VELOCITY = 94. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.239E+01 +/- 0.000E+00 [solar radii]
c(2) = 0.808E-02 +/- 0.000E+00 [radii/min]
c(2) = 0.937E+02 +/- 0.000E+00 [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) = 54. +/- 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 12:23 = 94. km/sec

The RADIAL velocity at 12:48 = 94. 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!