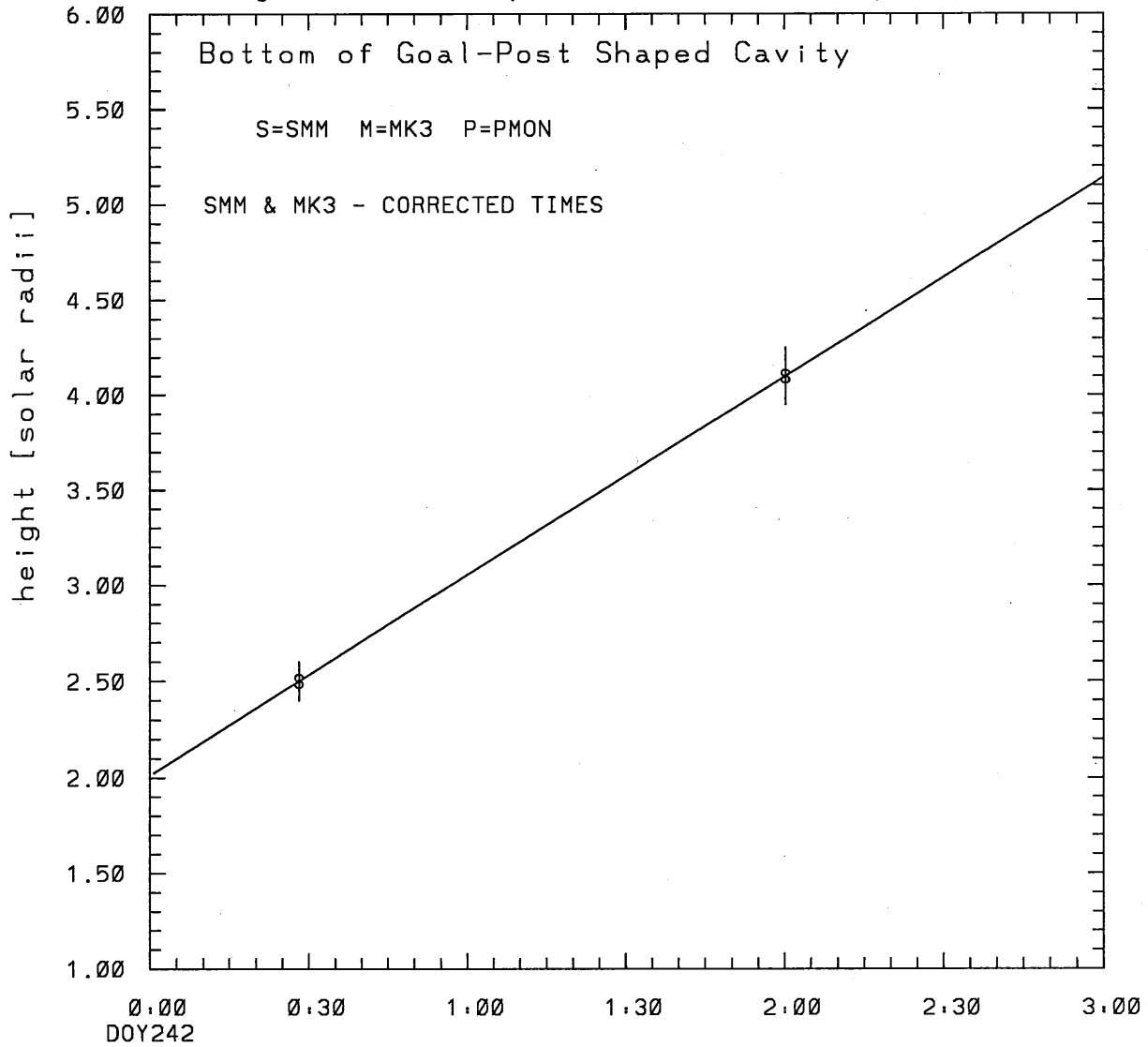


SMM C/P 1989 DOY242 300 +/- 0 degrees

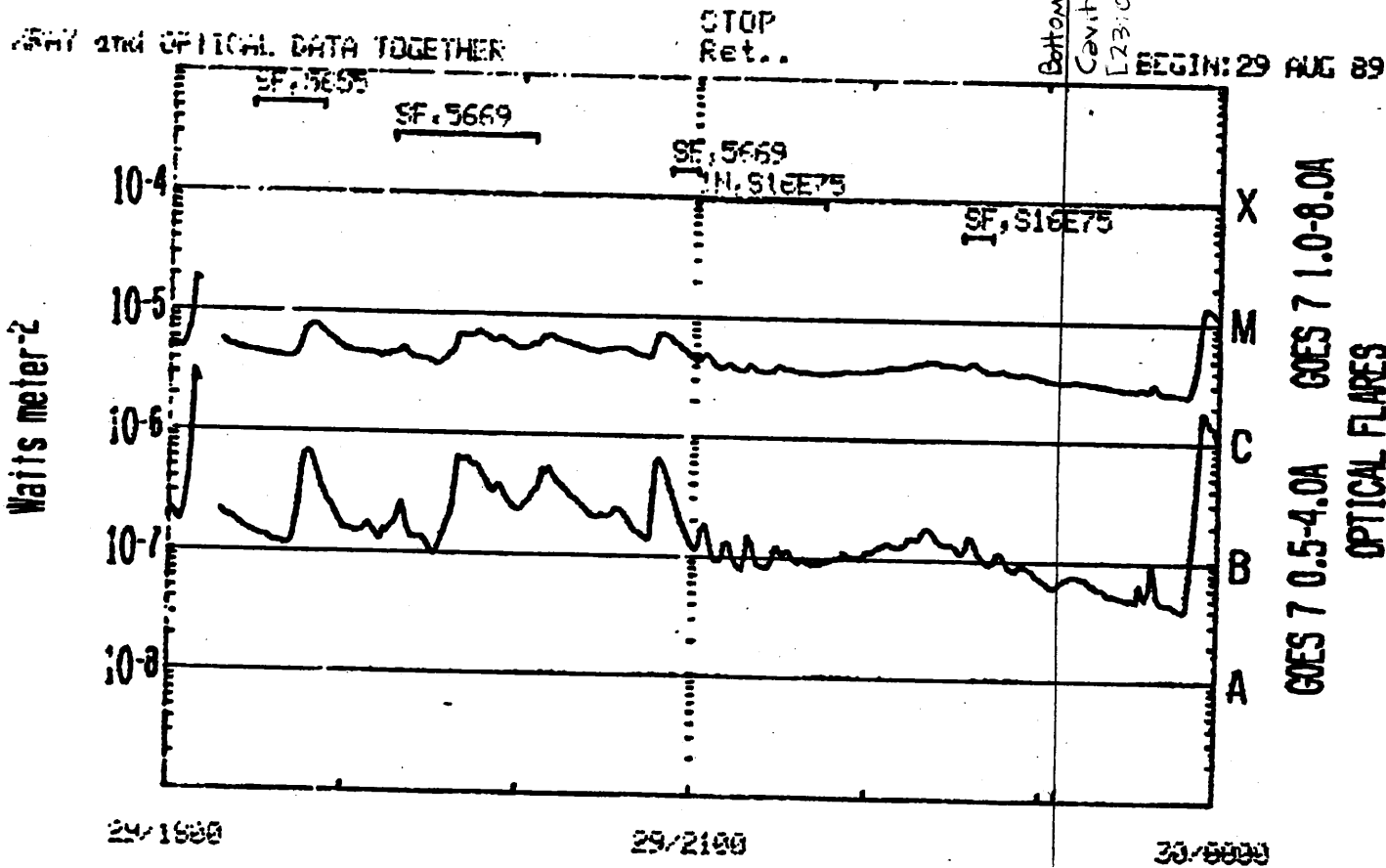
height = h + velocity*time

* data points = 2



tstart=DOY241 23: 2 +/- 0.0 [min.]
radial velocity= 202. +/- 0. [km/sec]

1989 Day 241



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

— SAA's
- - - NIGHT

RUN: 1947UT
1 SEP 89

This is a 1 order run

INPUT:

year	day	time	radii	radius	error in angle	error in angle	datatype
1989	242	0:28: 6	2.50 +/-	0.10	300.0 +/-	0.5	SMM
1989	242	2: 0:11	4.10 +/-	0.15	300.0 +/-	1.0	SMM

Structure being measured:
Bottom of Goal-Post Shaped Cavity

OUTPUT:

START TIME:

Event began at t = 0 + -0.582E+02 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 241 23: 2 +/- 0.000E+00 [minutes]

Origin defined at DOY242 0: 0

RADIAL INFORMATION:

RADIAL VELOCITY = 202. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.201E+01 +/- 0.560E-06 [solar radii]
c(2) = 0.174E-01 +/- 0.793E-08 [radii/min]
c(2) = 0.202E+03 +/- 0.920E-04 [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) = 300. +/- 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, RADIAL AND TOTAL SPEEDS AT EACH DATA POINT ARE:

The TANGENTIAL velocity at 0:28 = 0. km/sec

The RADIAL velocity at 0:28 = 202. km/sec

The TOTAL velocity at 0:28 = 202. km/sec

The TANGENTIAL velocity at 2: 0 = 0. km/sec

The RADIAL velocity at 2: 0 = 202. km/sec

The TOTAL velocity at 2: 0 = 202. 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!