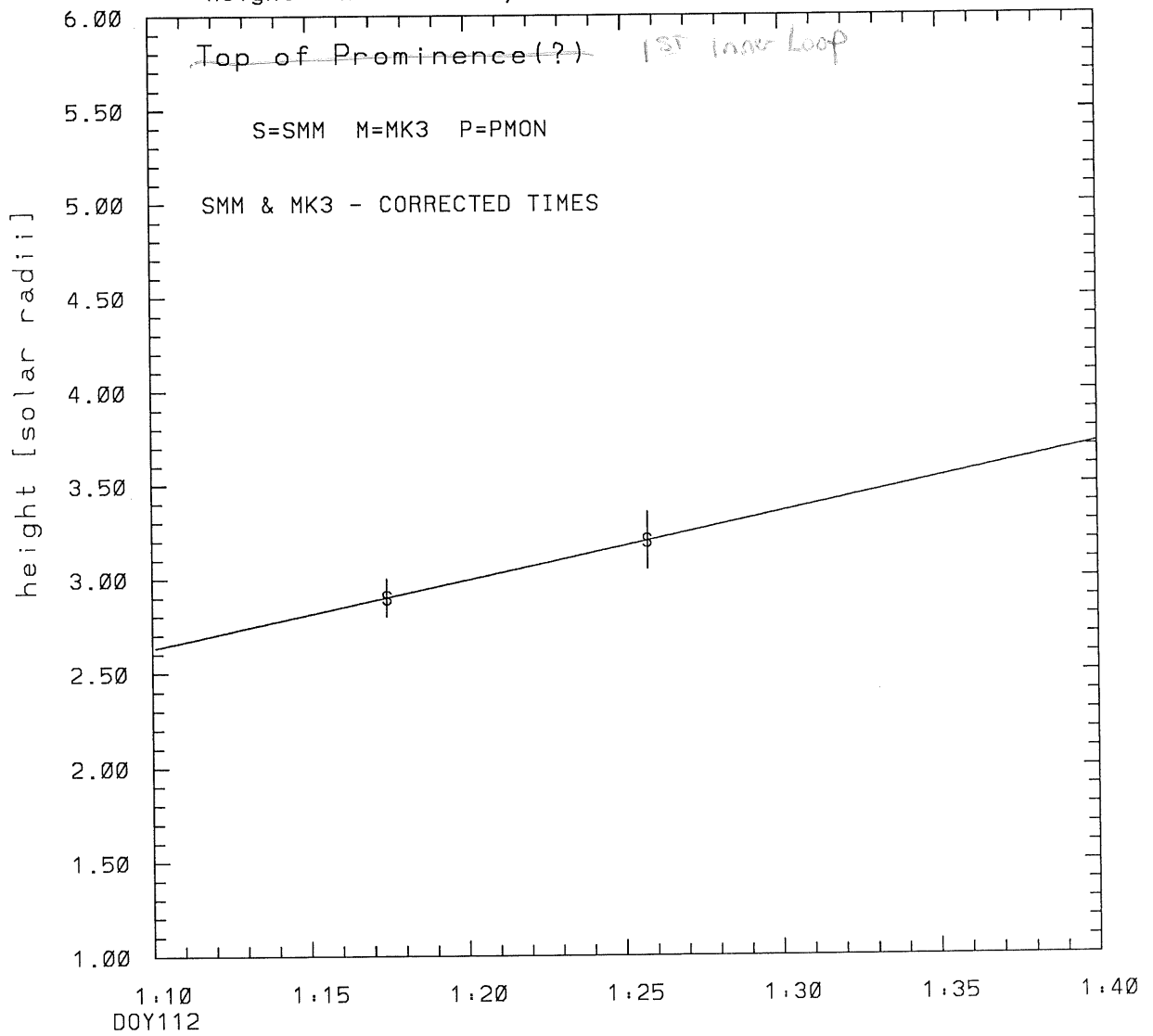


SMM C/P 1989 DOY112 335 +/- 0 degrees

height = h + velocity*time

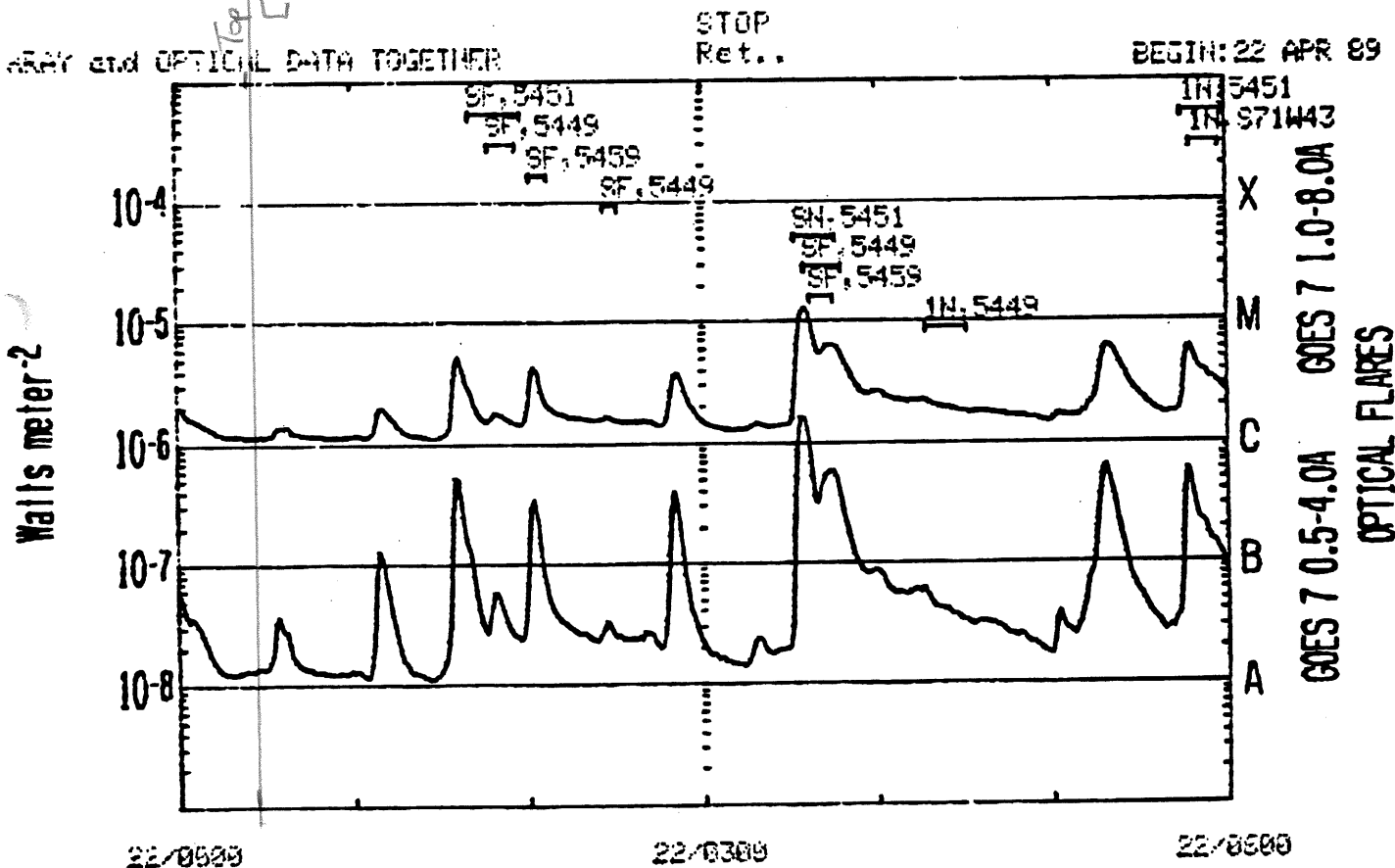
data points = 2



tstart=DOY112 0:25 +/- 0.0 [min.]
radial velocity= 420. +/- 0. [km/sec]

1989 Day 112

Top of Prominence (?), center = 314°
[0.25], 1st order only



== SAA's

== NIGHT

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

END: 1700UT
24 APR 89

This is a 1 order run

INPUT:

year	day	time	radii	error in radius	angle	error in angle	datatype
1989	112	1:17:27	2.90	+/- 0.10	335.0	+/- 1.0	SMM
1989	112	1:25:44	3.20	+/- 0.15	335.0	+/- 1.0	SMM

Structure being measured:

Top-of-Prominence(?) *155 inner loop*

OUTPUT:

START TIME:

Event began at t = 0 + -0.450E+02 +/- 0.000E+00 [minutes]

In more convenient units:

Event began at DOY 112 0:25 +/- 0.000E+00 [minutes]

Origin defined at DOY112 1:10

RADIAL INFORMATION:

RADIAL VELOCITY = 420. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.263E+01 +/- 0.668E-06 [solar radii]
 c(2) = 0.362E-01 +/- 0.624E-07 [radii/min]
 c(2) = 0.420E+03 +/- 0.723E-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) = 335. +/- 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 1:17 = 0. km/sec

The TOTAL velocity at 1:17 = 420. km/sec

The TANGENTIAL velocity at 1:25 = 0. km/sec

The TOTAL velocity at 1:25 = 420. 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!