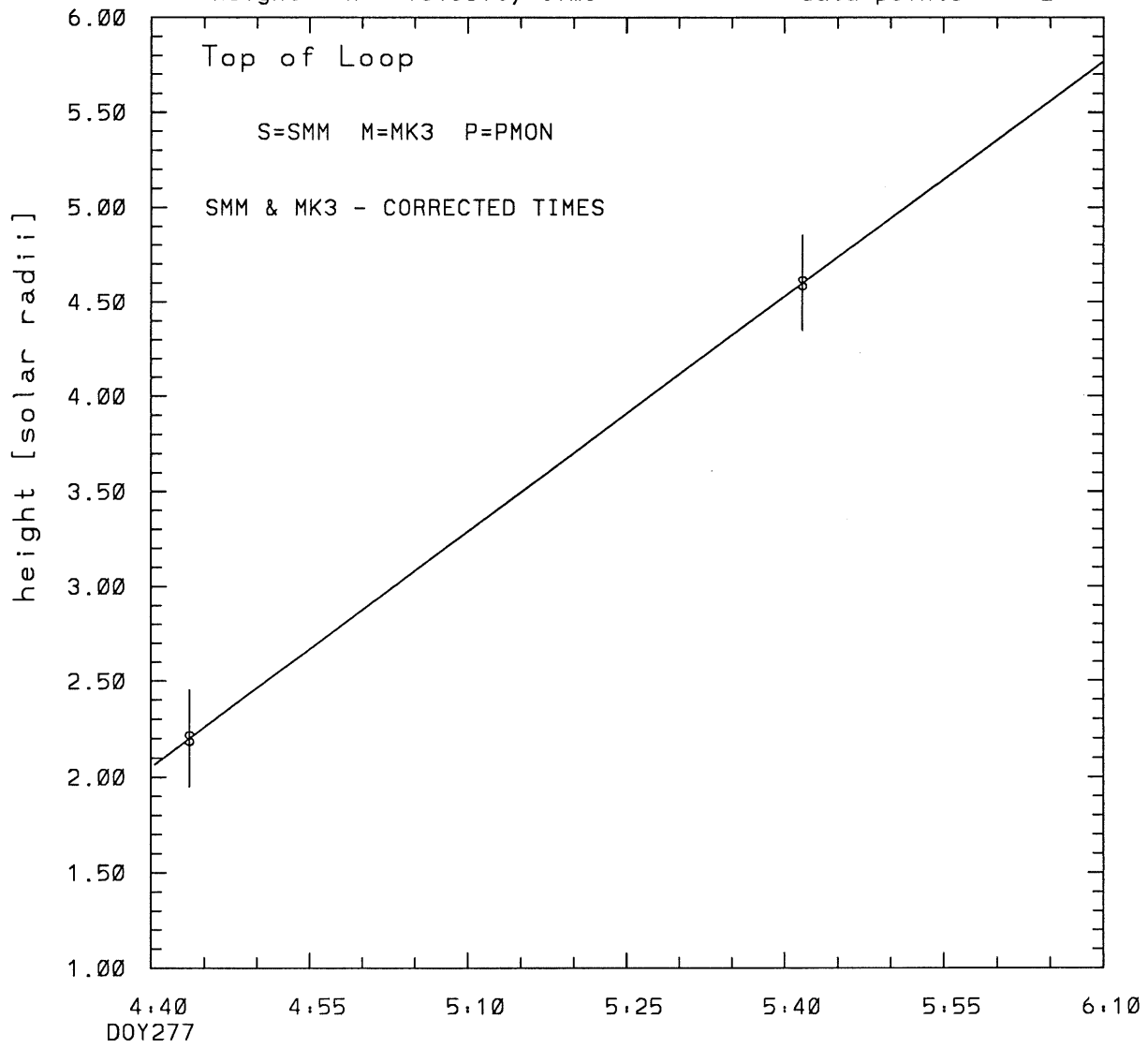


SMM C/P 1989 DOY277 85 +/- 0 degrees

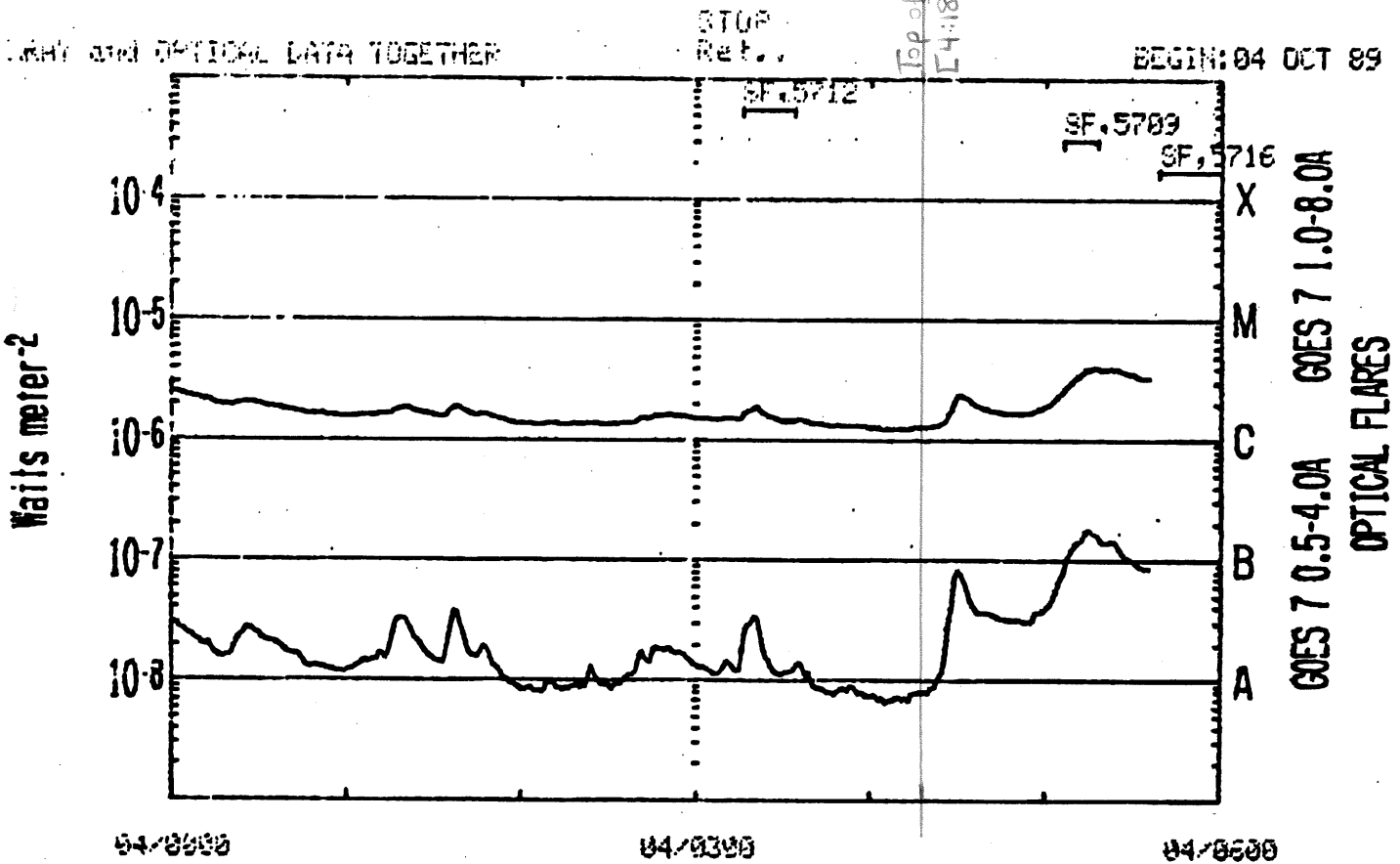
height = h + velocity*time

data points = 2



tstart=DOY277 4:15 +/- 0.0 [min.]
radial velocity= 479. +/- 0. [km/sec]

1989 DOY 277



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

SAA's NIGHT
RUN: 1714UT
11 OCT 89

This is a 1 order run

INPUT:

year	doy	time	radii	radius	error in angle	error in angle	datatype
1989	277	4:43:38	2.20 +/-	0.25	85.0 +/-	0.5	SMM
1989	277	5:41:44	4.60 +/-	0.25	85.0 +/-	1.0	SMM

Structure being measured:
Top of Loop

OUTPUT:

START TIME:

Event began at t = 0 + -0.254E+02 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 277 4:15 +/- 0.000E+00 [minutes]

Origin defined at DOY277 4:40

RADIAL INFORMATION:

RADIAL VELOCITY = 479. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.205E+01 +/- 0.567E-06 [solar radii]
c(2) = 0.413E-01 +/- 0.130E-07 [radii/min]
c(2) = 0.479E+03 +/- 0.151E-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) = 85. +/- 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 4:43 = 479. km/sec

The RADIAL velocity at 5:41 = 479. 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!