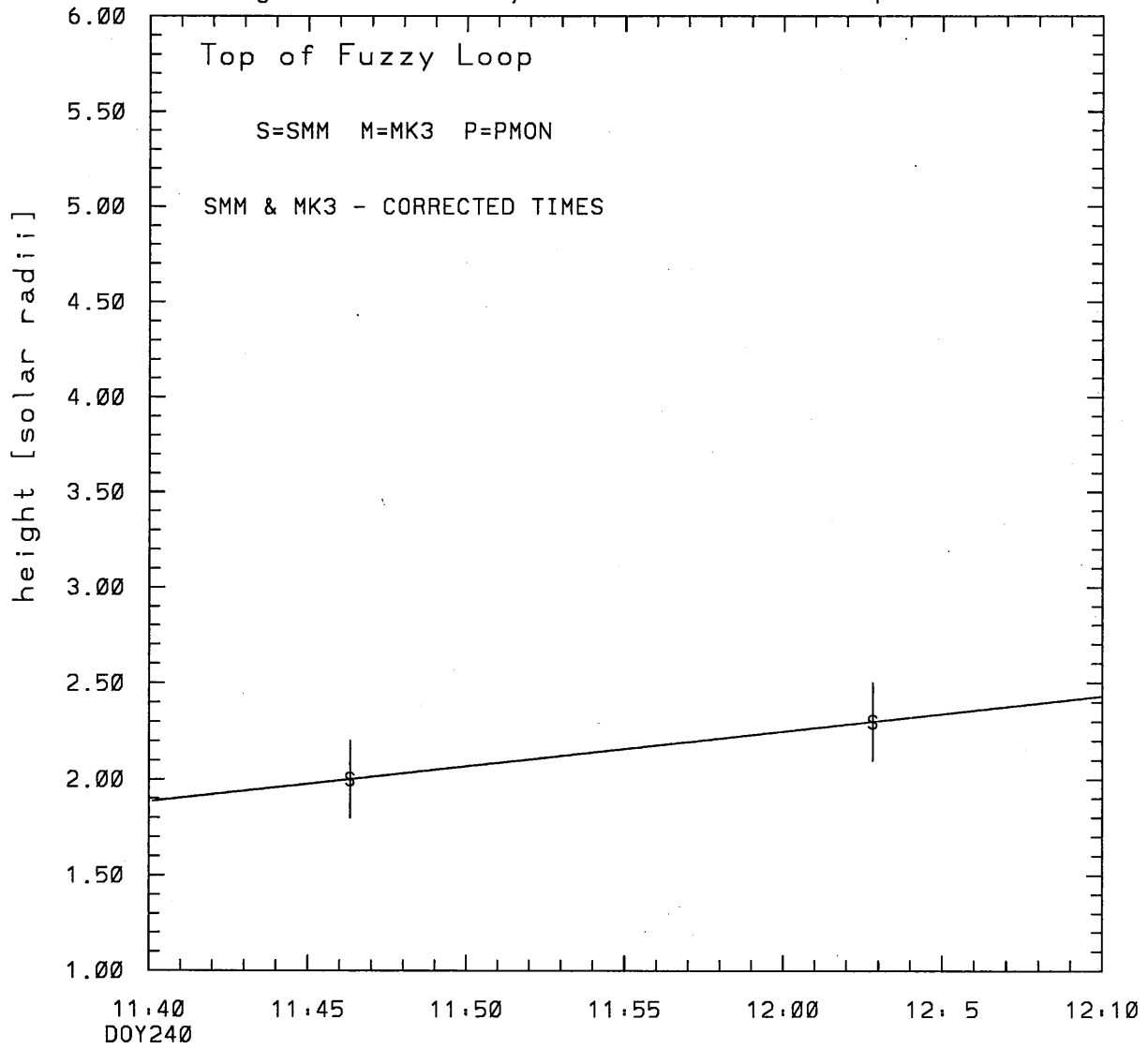


SMM C/P 1989 DOY240 122 +/- 0 degrees

height = h + velocity*time

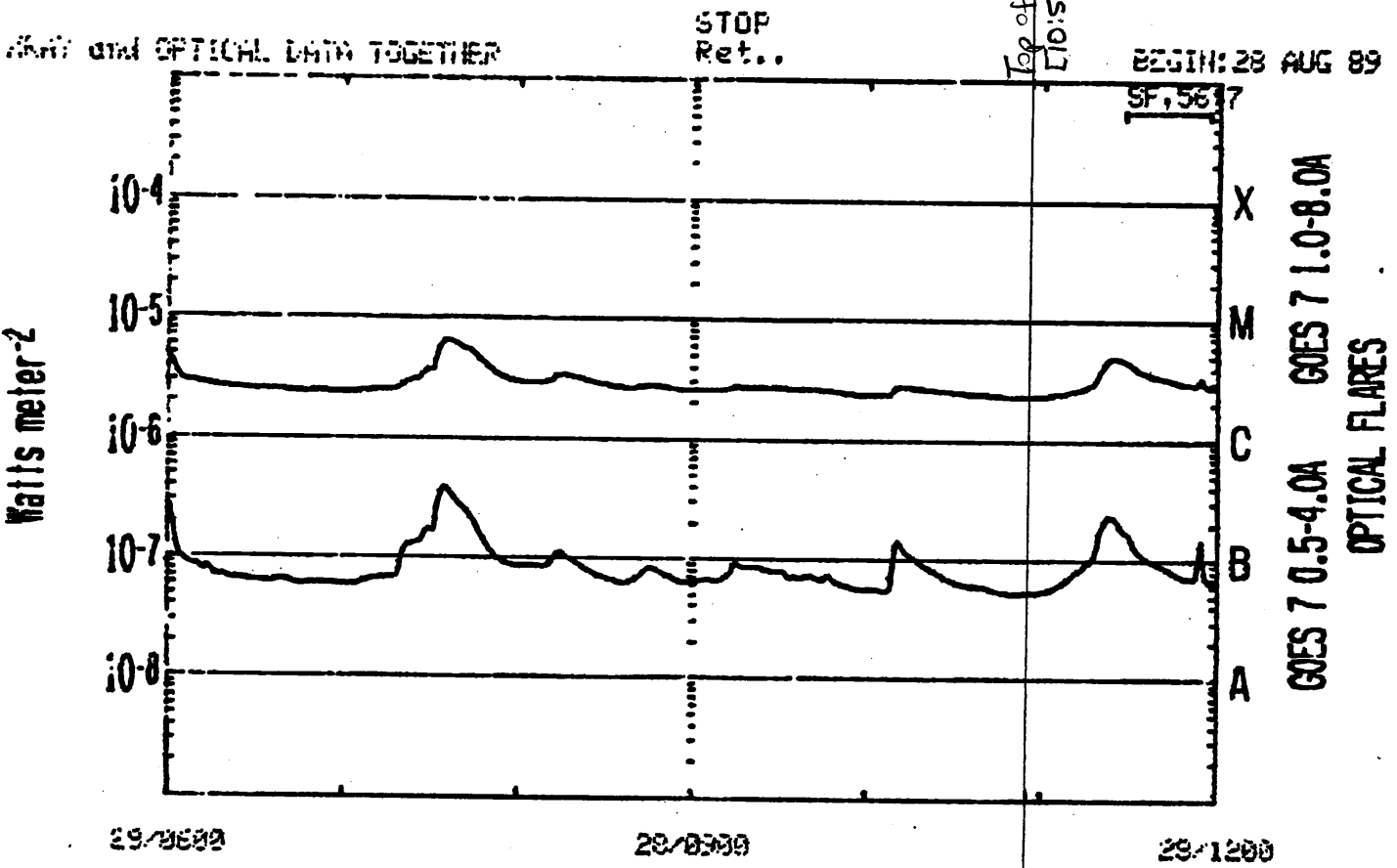
* data points = 2



tstart=DOY240 10:53 +/- 0.0 [min.]
radial velocity= 211. +/- 0. [km/sec]

19 89 207 240

Top of Frezy Loop center = 135
E10:56J, 15 order only



GOES 7 0.5-4.0A
GOES 7 1.0-8.0A
OPTICAL FLARES

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

SAA's
NIGHT
RUN: 1922UT
1 SEP 89

This is a 1 order run

INPUT:

year	day	time	radii	radius	error in angle	error in angle	datatype
1989	240	11:46:19	2.00 +/-	0.20	122.0 +/-	0.5	SMM
1989	240	12: 2:49	2.30 +/-	0.20	122.0 +/-	0.5	SMM

Structure being measured:
Top of Fuzzy Loop

OUTPUT:

START TIME:

Event began at t = 0 + -0.487E+02 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 240 10:53 +/- 0.000E+00 [minutes]
Origin defined at DOY240 11:40

RADIAL INFORMATION:

RADIAL VELOCITY = 211. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.189E+01 +/- 0.184E-05 [solar radii]
c(2) = 0.182E-01 +/- 0.110E-06 [radii/min]
c(2) = 0.211E+03 +/- 0.128E-02 [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) = 122. +/- 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 11:46 = 0. km/sec
The RADIAL velocity at 11:46 = 211. km/sec

The TOTAL velocity at 11:46 = 211. km/sec

The TANGENTIAL velocity at 12: 2 = 0. km/sec
The RADIAL velocity at 12: 2 = 211. km/sec

The TOTAL velocity at 12: 2 = 211. 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!