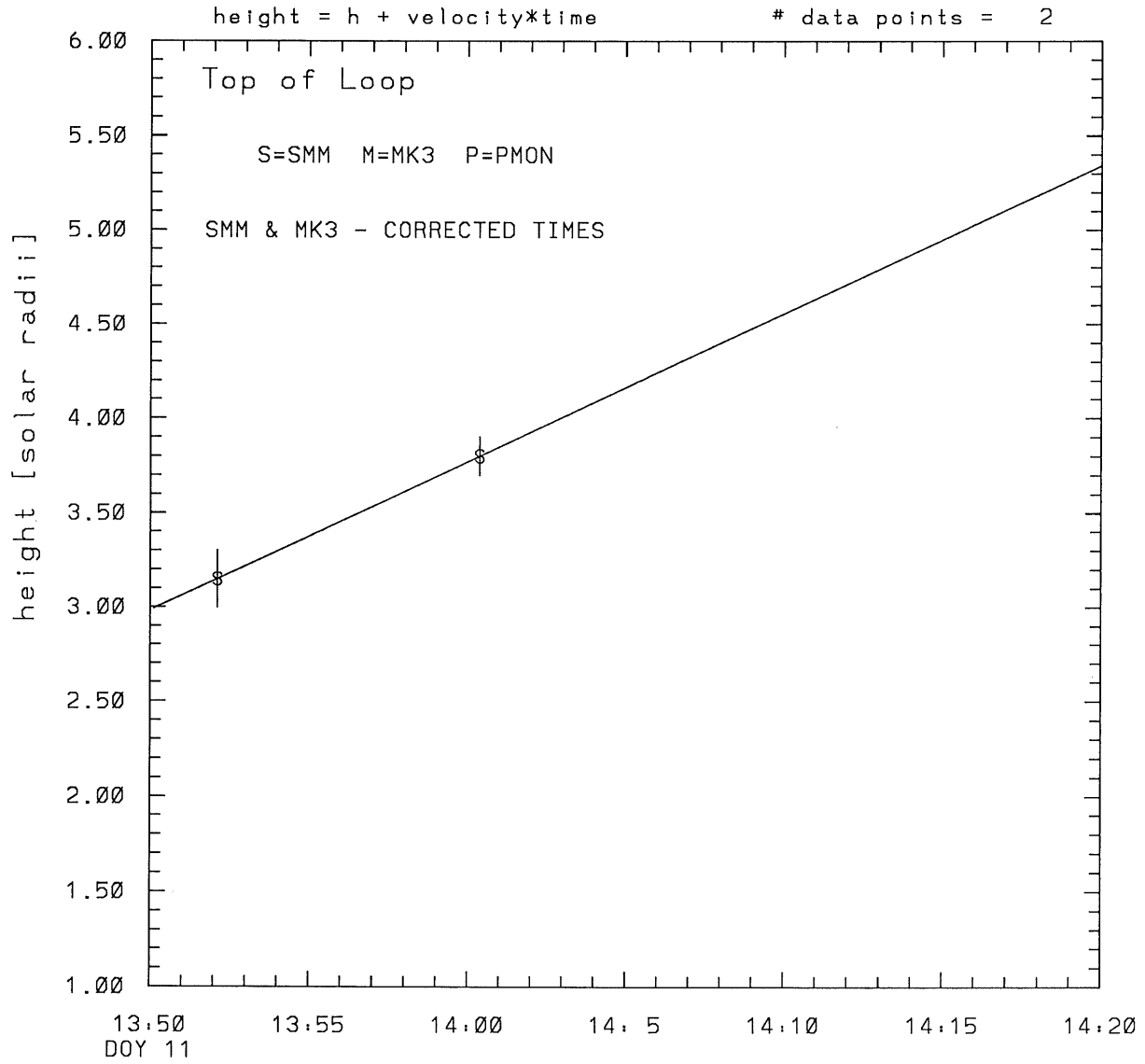


SMM C/P 1989 DOY 11 68 +/- 0 degrees

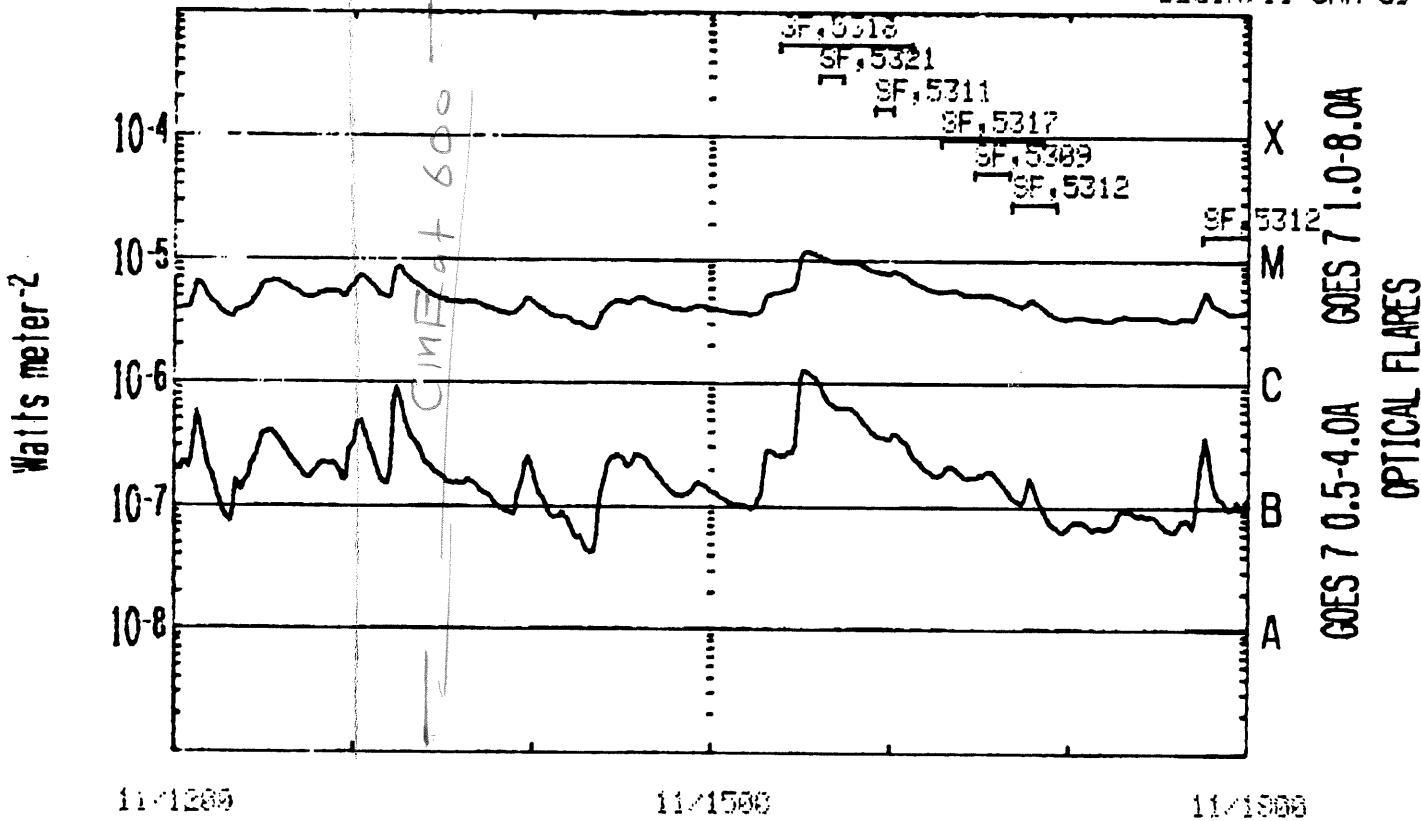


tstart=DOY 11 13:25 +/- 0.0 [min.]  
radial velocity= 912. +/- 0. [km/sec]

ARMY and OPTICAL DATA TOGETHER

STOP  
Ret..

BEGIN: 11 JAN 89



11/1200

11/1500

11/1800

SAA's

NIGHT

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

RUN: 2033UT  
15 JAN 89

\*\*\*\*\*  
This is a 1 order run  
\*\*\*\*\*

\*\*\*\*\*  
INPUT:  
\*\*\*\*\*

year	day	time	radii	error in radius	angle	error in angle	datatype
1989	11	13:52: 7	3.15	+/- 0.15	68.0	+/- 0.5	SMM
1989	11	14: 0:23	3.80	+/- 0.10	68.0	+/- 0.5	SMM

\*\*\*\*\*  
Structure being measured:  
Top of Loop  
\*\*\*\*\*

\*\*\*\*\*  
OUTPUT:  
\*\*\*\*\*

START TIME:

Event began at  $t = 0 + -0.252E+02 +/- 0.000E+00$  [minutes]  
In more convenient units:  
Event began at DOY 11 13:25 +/- 0.000E+00 [minutes]

Origin defined at DOY 11 13:50

RADIAL INFORMATION:

RADIAL VELOCITY = 912. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

- c(1) = 0.298E+01 +/- 0.000E+00 [solar radii]
- c(2) = 0.786E-01 +/- 0.000E+00 [radii/min]
- c(2) = 0.912E+03 +/- 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) = 68. +/- 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 13:52 = 0. km/sec

The TOTAL velocity at 13:52 = 912. km/sec

The TANGENTIAL velocity at 14: 0 = 0. km/sec

The TOTAL velocity at 14: 0 = 912. 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!