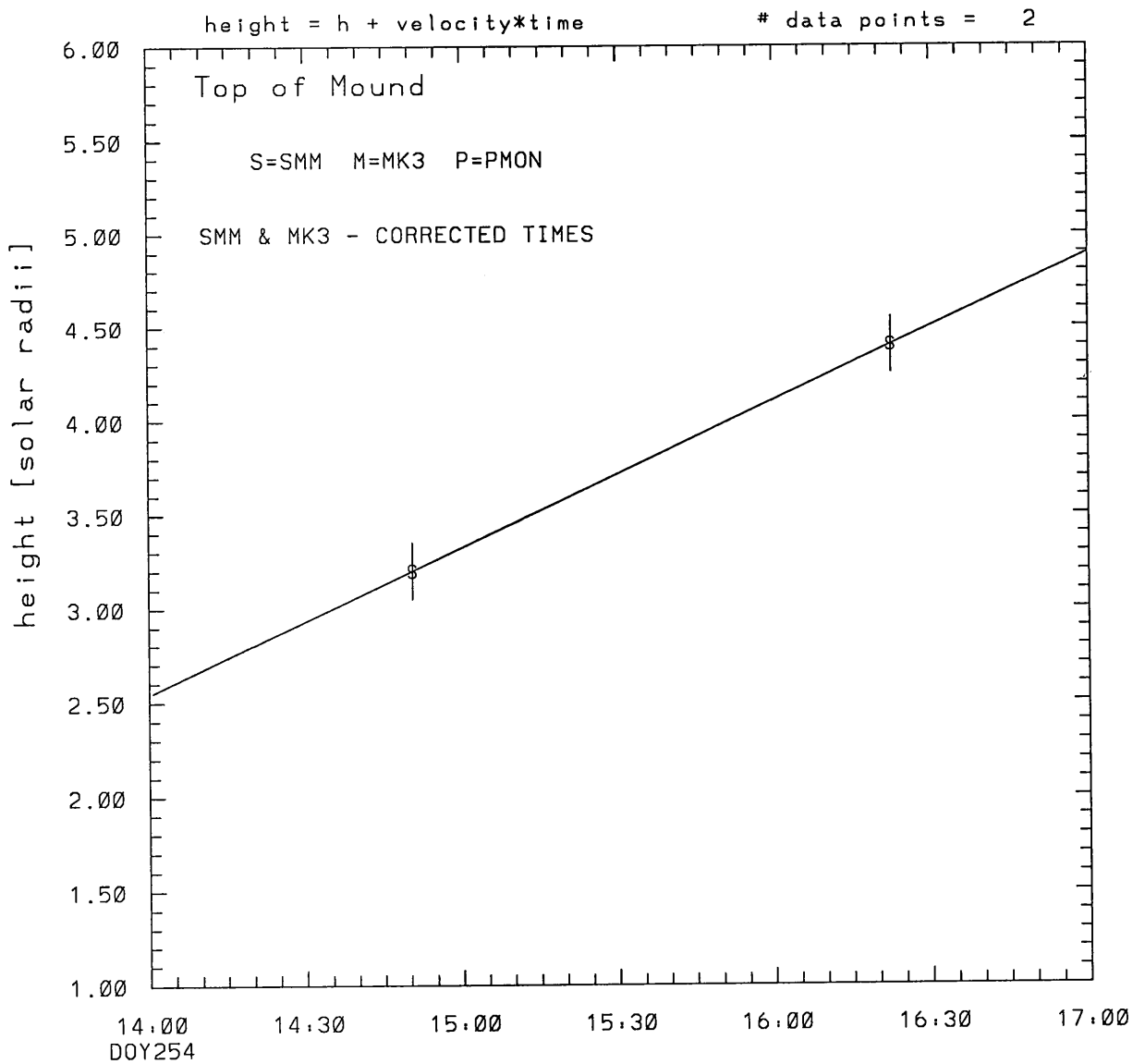


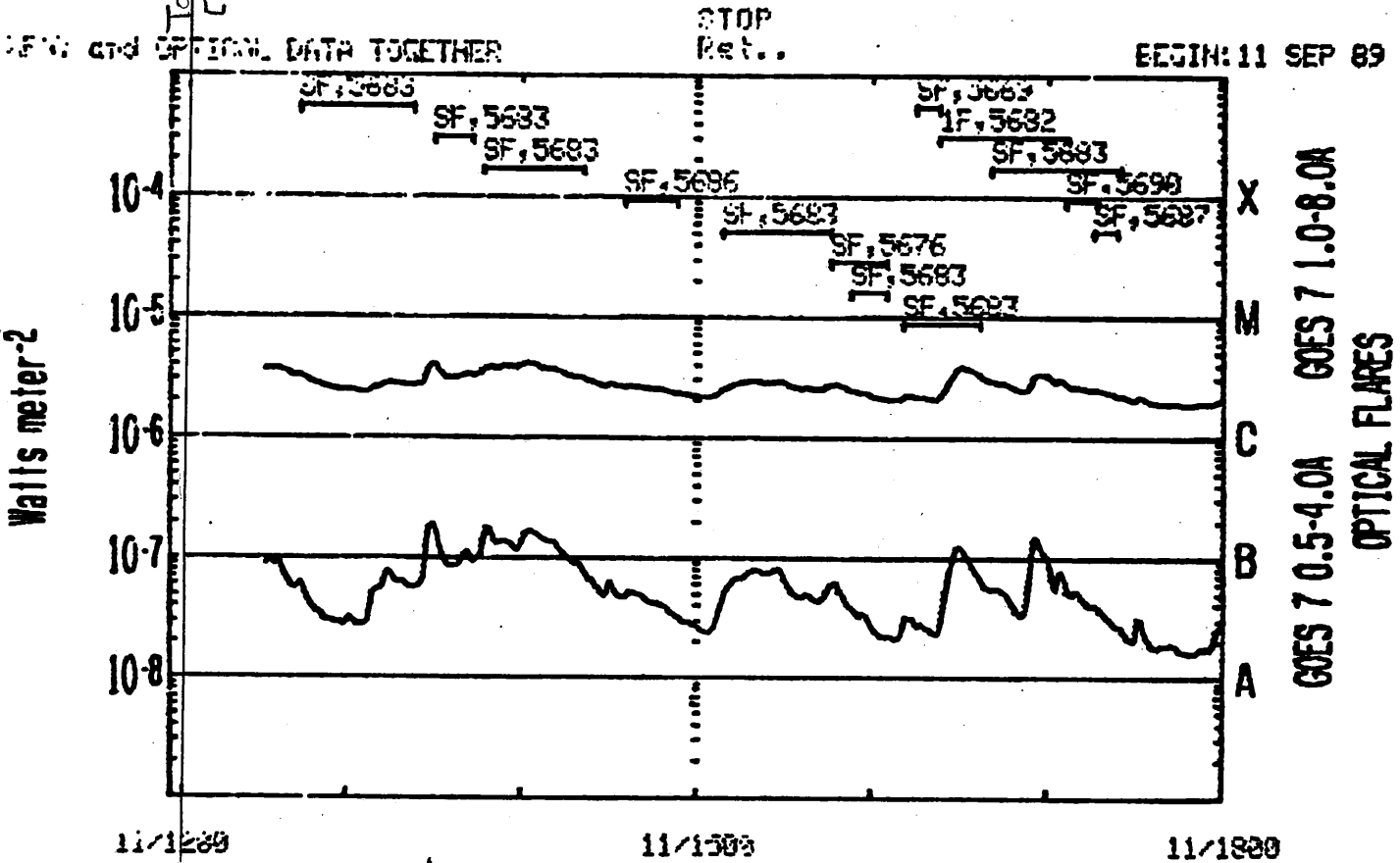
SMM C/P 1989 DOY254 220 +/- 0 degrees



tstart=DOY254 12: 2 +/- 0.0 [min.]  
radial velocity= 151. +/- 0. [km/sec]

1989 Day 254

Top of Front, center = 227°  
[12:05], 1st 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

13 SEP 89

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

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

year	day	time	radii	radius	error in angle	error in angle	datatype
1989	254	14:50:26	3.20 +/-	0.15	220.0 +/-	1.0	SMM
1989	254	16:22:25	4.40 +/-	0.15	220.0 +/-	1.0	SMM

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

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

START TIME:

Event began at t = 0 + -0.118E+03 +/- 0.000E+00 [minutes]  
In more convenient units:  
Event began at DOY 254 12: 2 +/- 0.000E+00 [minutes]  
Origin defined at DOY254 14: 0

RADIAL INFORMATION:

RADIAL VELOCITY = 151. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.254E+01 +/- 0.111E-05 [solar radii]  
c(2) = 0.130E-01 +/- 0.104E-07 [radii/min]  
c(2) = 0.151E+03 +/- 0.120E-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) = 220. +/- 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 14:50 = 151. km/sec

The RADIAL velocity at 16:22 = 151. 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!