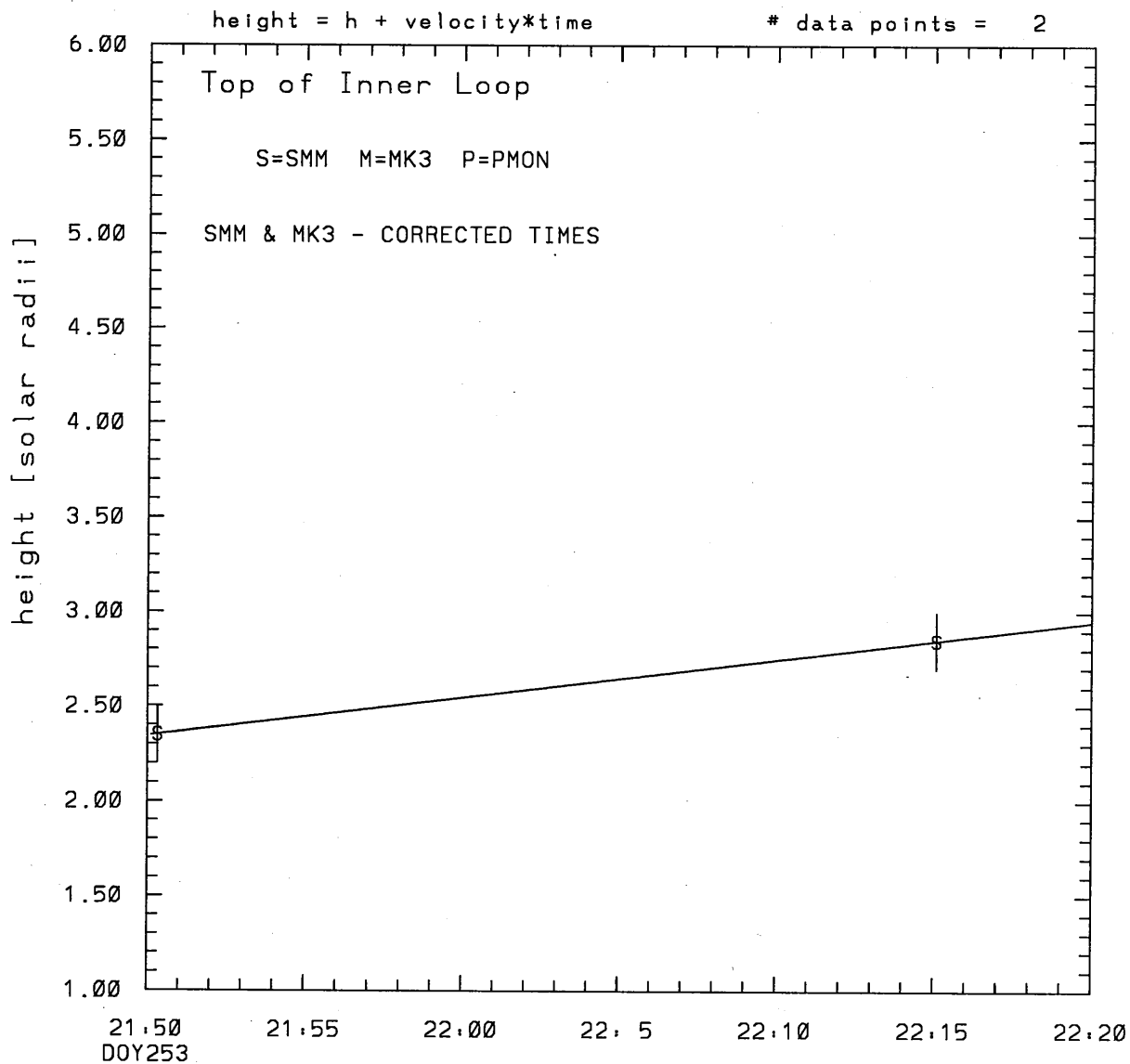


SMM C/P 1989 DOY253 78 +/- 0 degrees



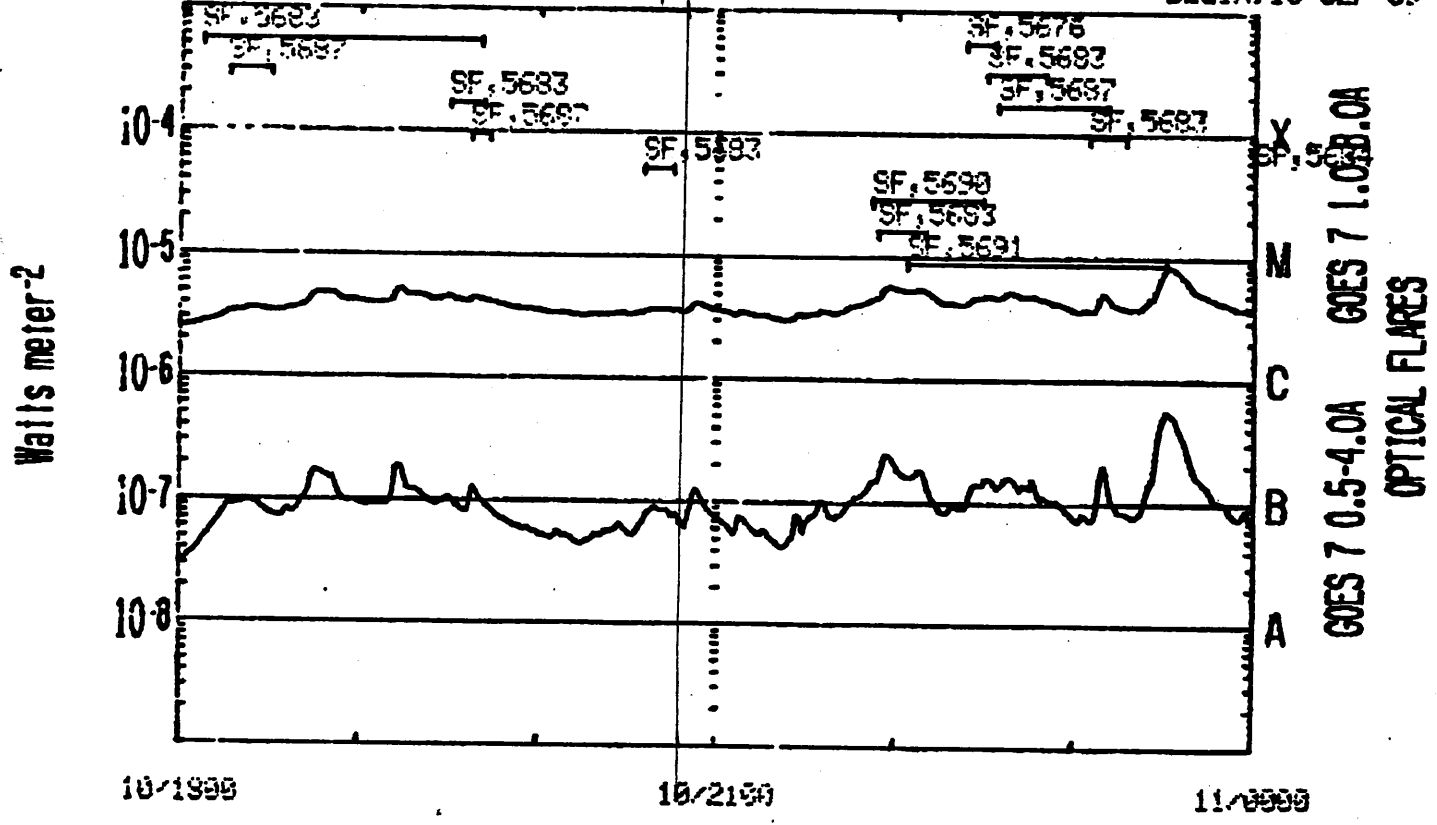
tstart=DOY253 20.45 +/- 0.0 [min.]  
radial velocity= 234. +/- 0. [km/sec]

1989 Day 253

Top of Inner or Northern Loop  
center = 78°  
[20:48] [2 order only]  
STOP  
Ret..

MIX AND OPTICAL DATA TOGETHER

BEGIN: 10 SEP 89



GOES 7 0.5-4.OA  
GOES 7 1.0-3.OA  
OPTICAL FLARES

SAA's  
NIGHT

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

RUN: 1947UT  
13 SEP 89

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

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

year	doy	time	radii	radius	error in angle	error in angle	datatype
1989	253	21:50:19	2.35 +/-	0.15	78.0 +/-	0.5	SMM
1989	253	22:15: 5	2.85 +/-	0.15	78.0 +/-	0.5	SMM

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

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

START TIME:

Event began at t = 0 + -0.666E+02 +/- 0.000E+00 [minutes]  
In more convenient units:  
Event began at DOY 253 20:45 +/- 0.000E+00 [minutes]

Origin defined at DOY253 21:50

RADIAL INFORMATION:

RADIAL VELOCITY = 234. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.234E+01 +/- 0.764E-06 [solar radii]  
c(2) = 0.202E-01 +/- 0.431E-07 [radii/min]  
c(2) = 0.234E+03 +/- 0.499E-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) = 78. +/- 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 21:50 = 234. km/sec

The RADIAL velocity at 22:15 = 234. 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!