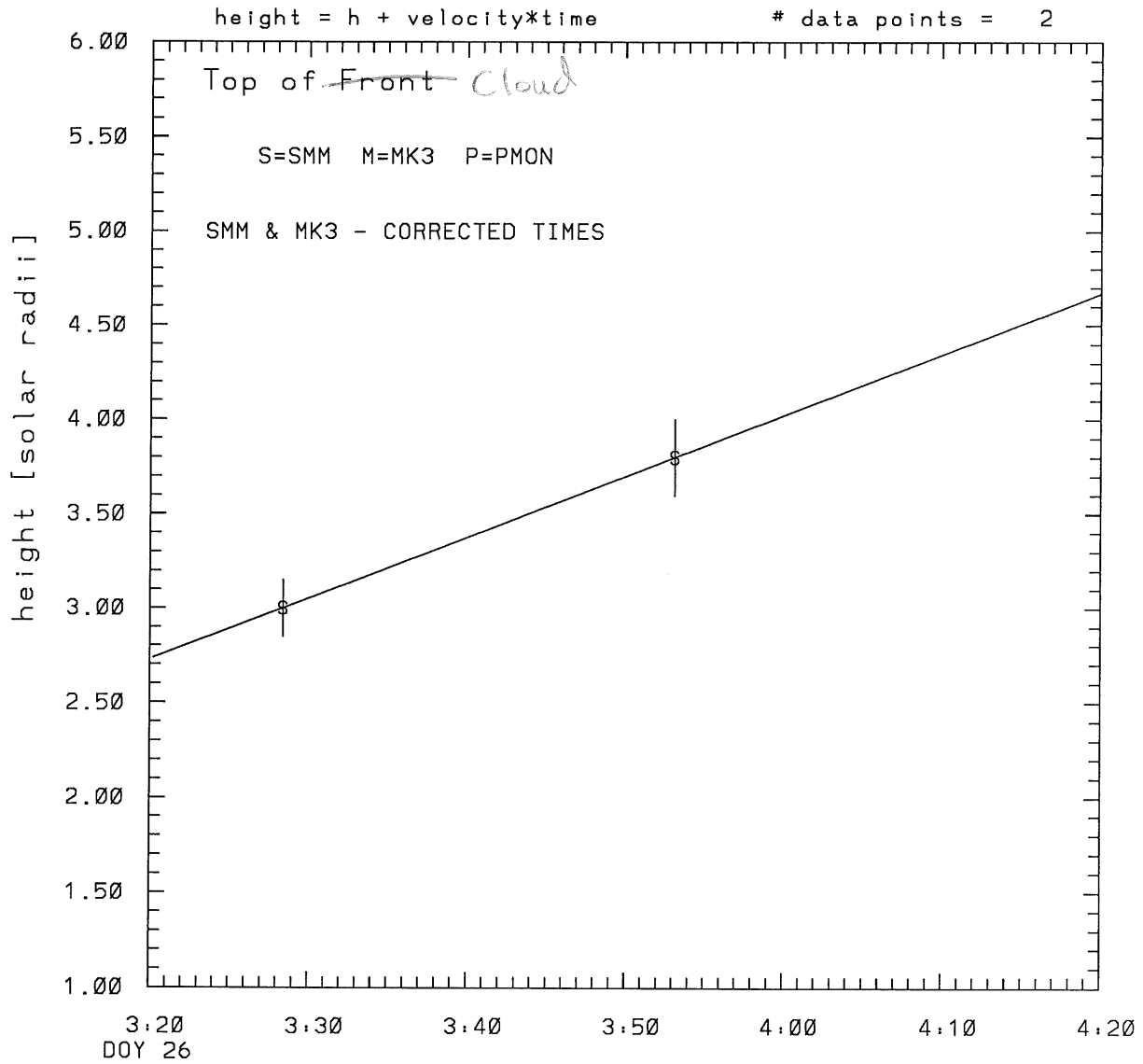


SMM C/P 1989 DOY 26 313 +/- 0 degrees



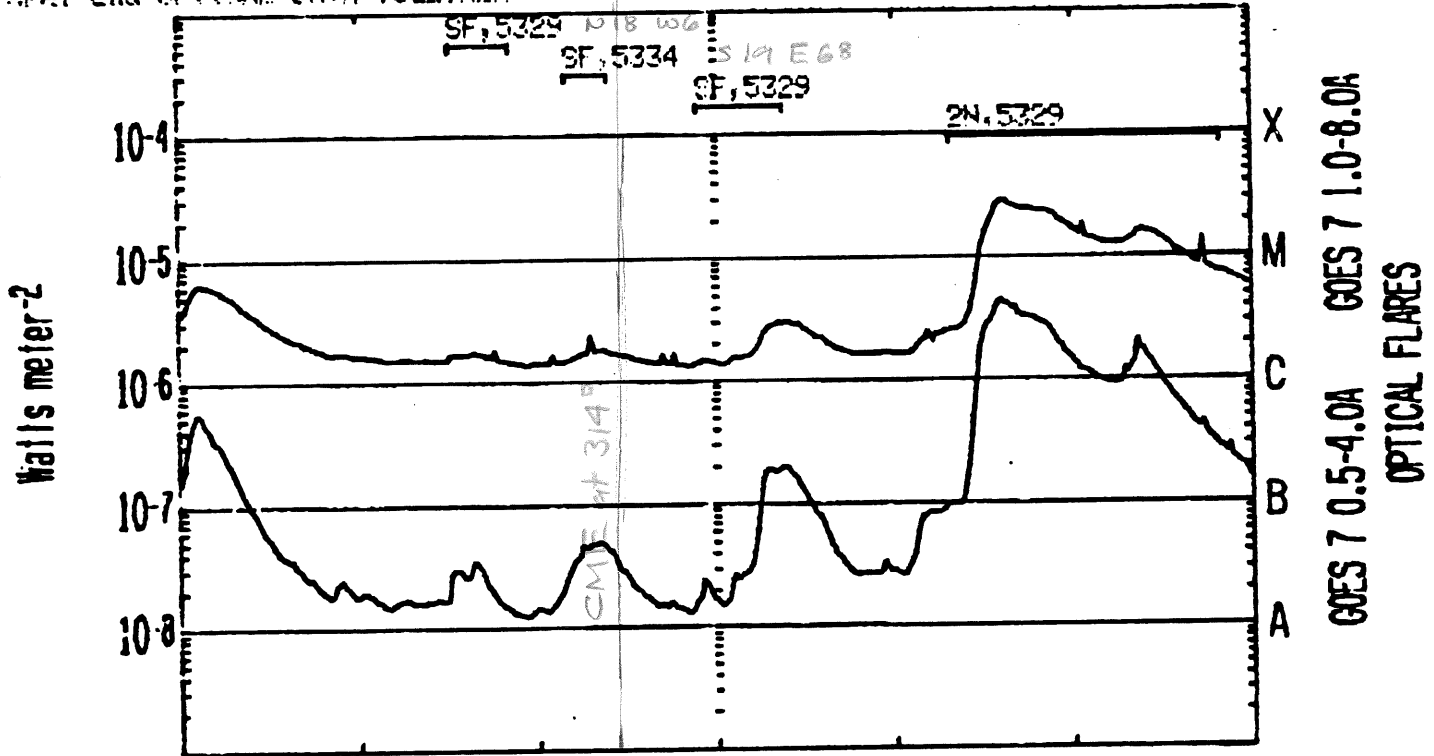
tstart=DOY 26 2:27 +/- 0.0 [min.]  
radial velocity= 375. +/- 0. [km/sec]

APPLY END OPTICAL DATA TOGETHER

STOP  
Ret..

BEGIN: 26 JAN 89

*Top of Front  
[2:27] 1st order only*



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

26-8200

26-8300

26-8600

— SAA's  
— NIGHT

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

RUN: 181OUT  
2 FEB 89

\*\*\*\*\*

This is a 1 order run

\*\*\*\*\*

\*\*\*\*\*

INPUT:

\*\*\*\*\*

year	day	time	radii	error in radius	angle	error in angle	datatype
1989	26	3:28:23	3.00	+/- 0.15	313.0	+/- 0.5	SMM
1989	26	3:53: 8	3.80	+/- 0.20	313.0	+/- 0.5	SMM

\*\*\*\*\*

Structure being measured:

Top of Front

\*\*\*\*\*

\*\*\*\*\*

OUTPUT:

\*\*\*\*\*

START TIME:

Event began at t = 0 + -0.535E+02 +/- 0.000E+00 [minutes]

In more convenient units:

Event began at DOY 26 2:27 +/- 0.000E+00 [minutes]

Origin defined at DOY 26 3:20

RADIAL INFORMATION:

RADIAL VELOCITY = 375. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.273E+01 +/- 0.188E-05 [solar radii]  
c(2) = 0.323E-01 +/- 0.898E-07 [radii/min]  
c(2) = 0.375E+03 +/- 0.104E-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) = 313. +/- 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 3:28 = 0. km/sec

The TOTAL velocity at 3:28 = 375. km/sec

The TANGENTIAL velocity at 3:53 = 0. km/sec

The TOTAL velocity at 3:53 = 375. 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!