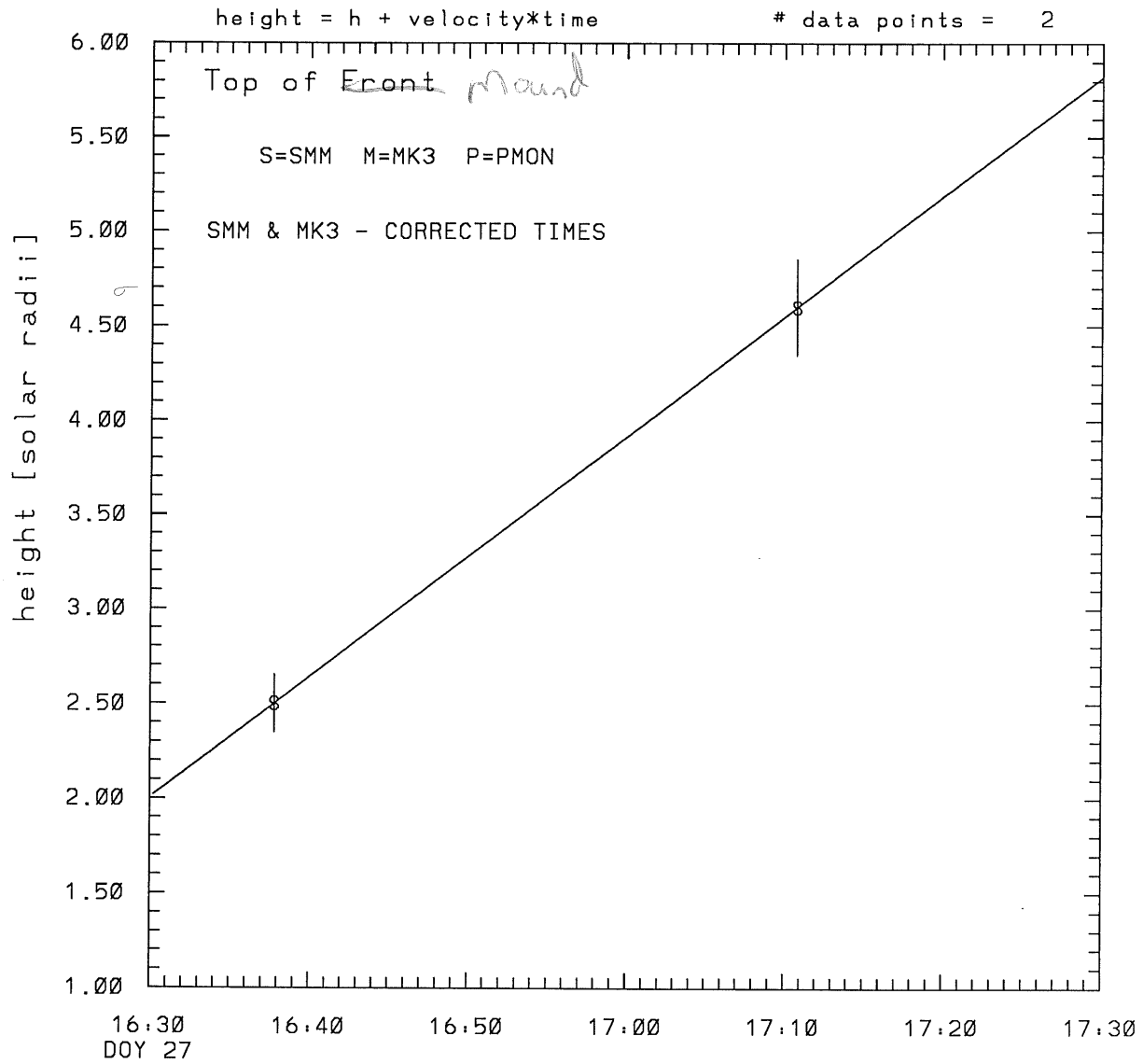


SMM C/P 1989 DOY 27 260 +/- 0 degrees



tstart=DOY 27 16:16 +/- 0.0 [min.]
radial velocity= 738. +/- 0. [km/sec]

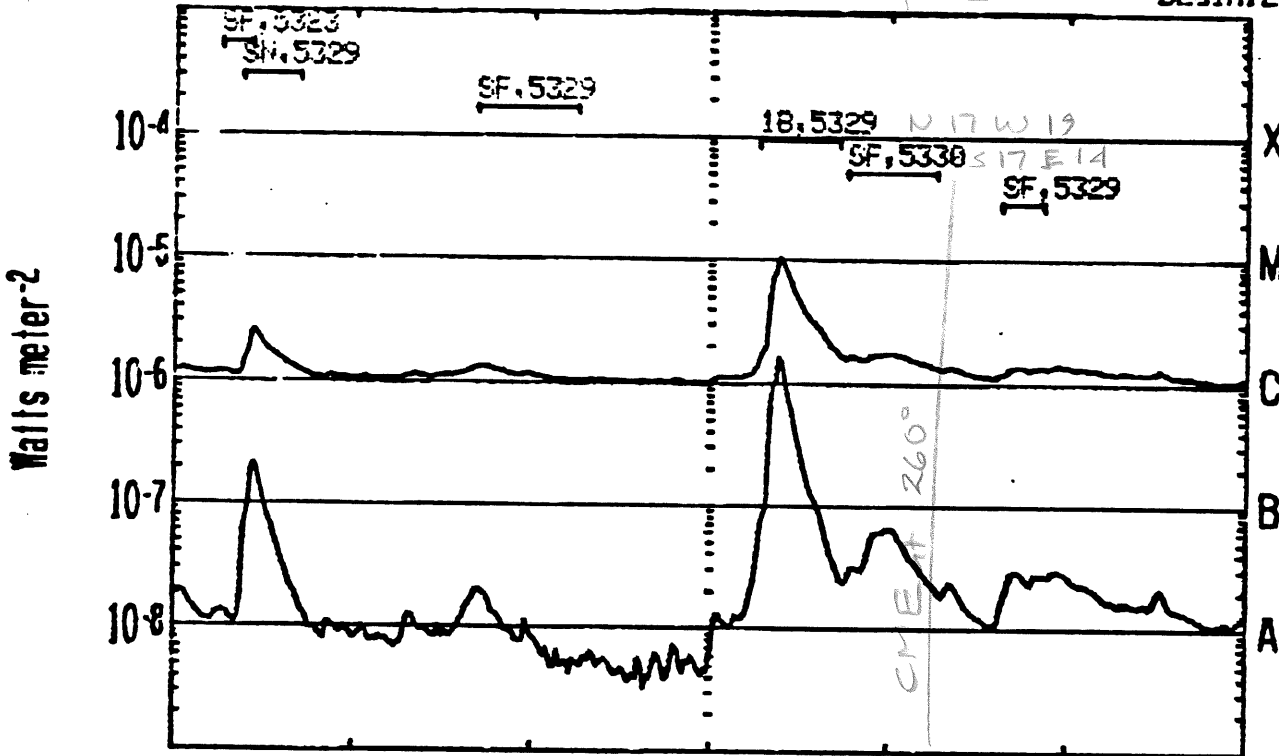
1989 Jan 27

Top of Front
[16:16] 1st order only

WAVY and OPTICAL DATA TOGETHER

STOP
Ret..

BEGIN: 27 JAN 89



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

27:1200

27:1500

27:1800

SAA's
NIGHT

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

RUN: 1547UT
2 FEB 89

This is a 1 order run

INPUT:

year	day	time	radii	error in radius	angle	error in angle	datatype
1989	27	16:37:48	2.50	+/- 0.15	260.0	+/- 0.5	SMM
1989	27	17:10:48	4.60	+/- 0.25	260.0	+/- 0.5	SMM

Structure being measured:
Top of ~~Front~~ *mount*

OUTPUT:

START TIME:

Event began at $t = 0 + -0.158E+02 +/- 0.000E+00$ [minutes]
In more convenient units:
Event began at DOY 27 16:16 +/- 0.000E+00 [minutes]

Origin defined at DOY 27 16:30

RADIAL INFORMATION:

RADIAL VELOCITY = 738. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.200E+01 +/- 0.255E-06 [solar radii]
c(2) = 0.636E-01 +/- 0.116E-07 [radii/min]
c(2) = 0.738E+03 +/- 0.134E-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) = 260. +/- 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 16:37 = 0. km/sec

The TOTAL velocity at 16:37 = 738. km/sec

The TANGENTIAL velocity at 17:10 = 0. km/sec

The TOTAL velocity at 17:10 = 738. 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!