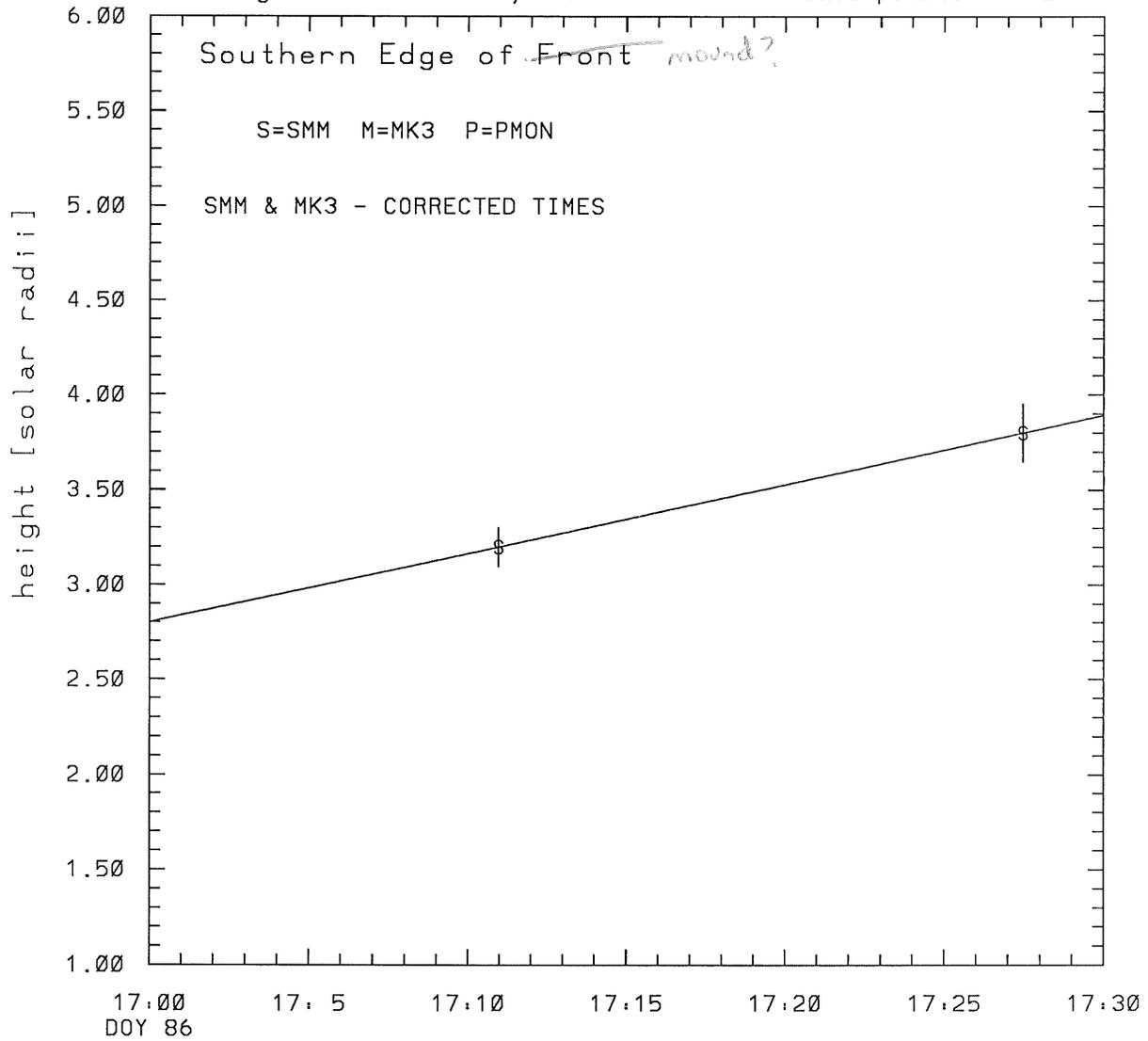


SMM C/P 1989 DOY 86 267 +/- 0 degrees

height = h + velocity*time

data points = 2



tstart=DOY 86 16:12 +/- 0.0 [min.]
radial velocity= 422. +/- 0. [km/sec]

1989 Day 086

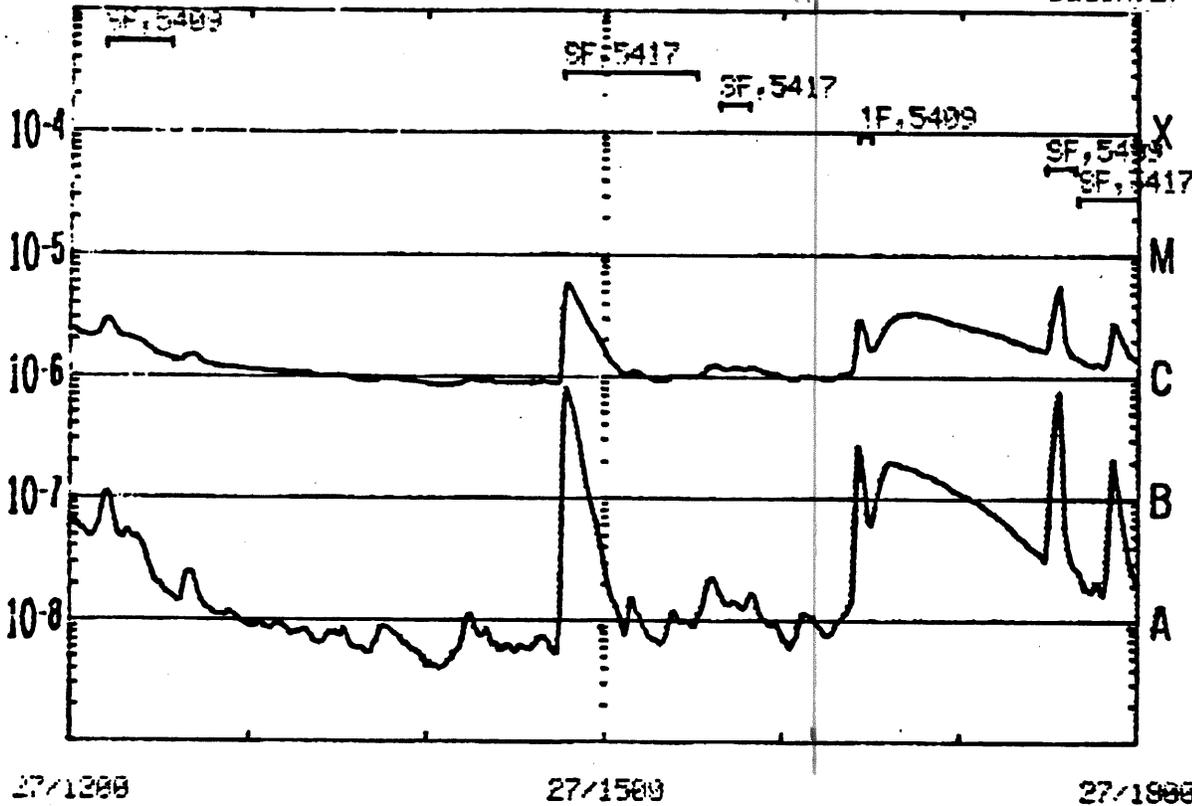
GOES-7 1 MIN DATA; OPTICAL FLARE DUR., IMP., REGION

STOP Ret..

Southern Edge of Foot, center = 278°
[16:12], 1st order only

BEGIN: 27 MAR 89

Watts meter²



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

27/1200

27/1500

27/1900

SAA's
NIGHT

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

RUN: 2136UT
29 MAR 89

This is a 1 order run

INPUT:

year	doy	time	radii	error in radius	error in angle	angle	datatype
1989	86	17:10:58	3.20	+/- 0.10	267.0	+/- 1.0	SMM
1989	86	17:27:28	3.80	+/- 0.15	267.0	+/- 1.0	SMM

Structure being measured:
Southern Edge of Front

OUTPUT:

START TIME:

Event began at $t = 0 + -0.495E+02 \pm 0.000E+00$ [minutes]
In more convenient units:
Event began at DOY 86 16:12 $\pm 0.000E+00$ [minutes]

Origin defined at DOY 86 17: 0

RADIAL INFORMATION:

RADIAL VELOCITY = 422. \pm 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.280E+01 \pm 0.000E+00 [solar radii]
c(2) = 0.364E-01 \pm 0.000E+00 [radii/min]
c(2) = 0.422E+03 \pm 0.000E+00 [km/sec]
c(3) = 0.000E+00 \pm 0.000E+00 [radii/min**2]
c(3) = 0.000E+00 \pm 0.000E+00 [km/sec**2]

ANGULAR INFORMATION:

ANGULAR VELOCITY = 0.0000E+00 \pm 0.0000E+00 [radians/sec]

The computed ANGULAR coefficients and errors FROM NLLST2 are:

a(1) = 267. \pm 0. [degrees]
a(2) = 0.000E+00 \pm 0.000E+00 [degrees/min]
a(2) = 0.000E+00 \pm 0.000E+00 [rad/sec]
a(3) = 0.000E+00 \pm 0.000E+00 [degrees/min**2]
a(3) = 0.000E+00 \pm 0.000E+00 [rad/sec**2]

THE TANGENTIAL AND TOTAL VELOCITIES AT EACH DATA POINT ARE:

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

The TOTAL velocity at 17:10 = 422. km/sec

The TANGENTIAL velocity at 17:27 = 0. km/sec

The TOTAL velocity at 17:27 = 422. 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!