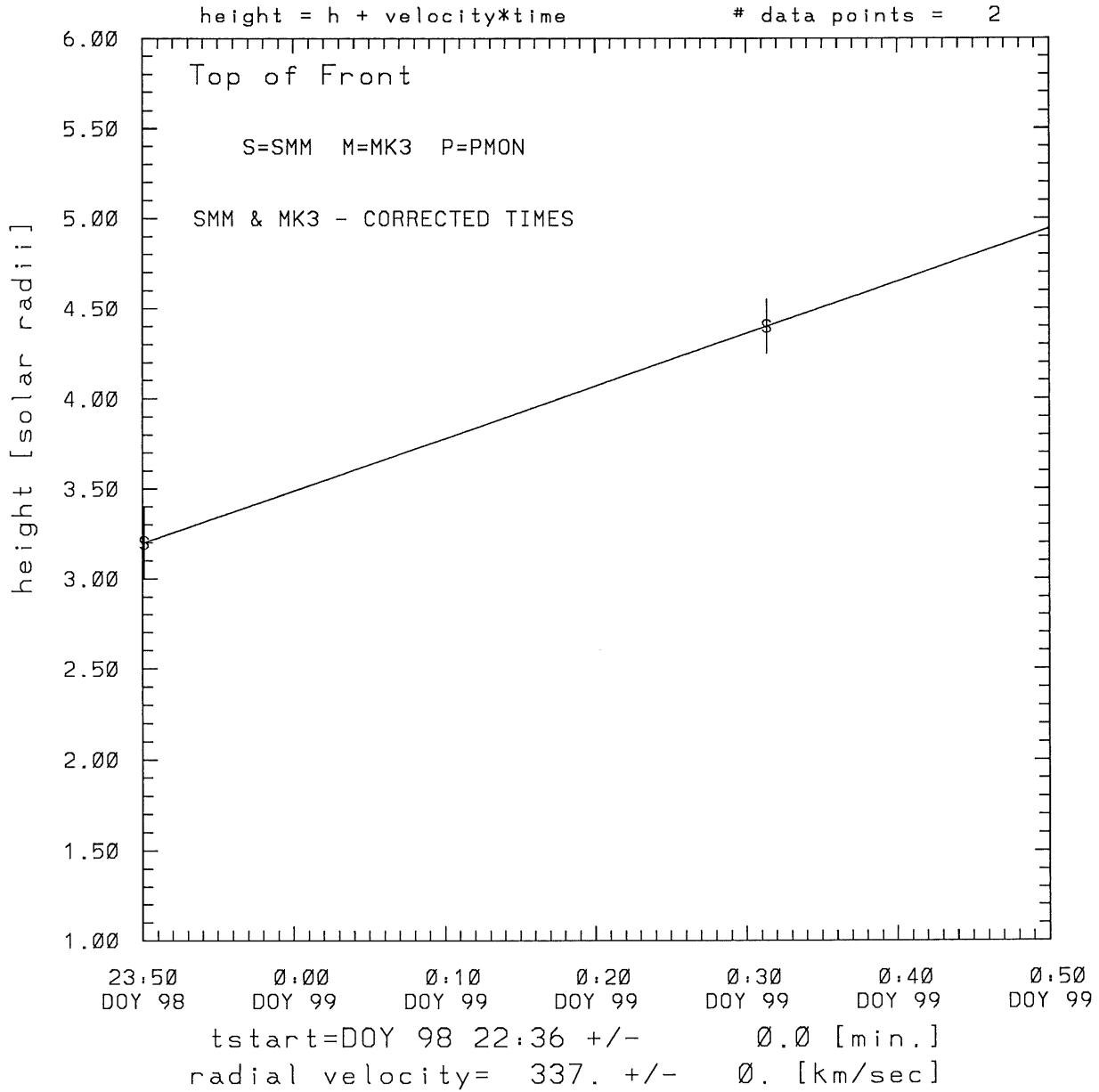


SMM C/P 1989 DOY 98 305 +/- 0 degrees



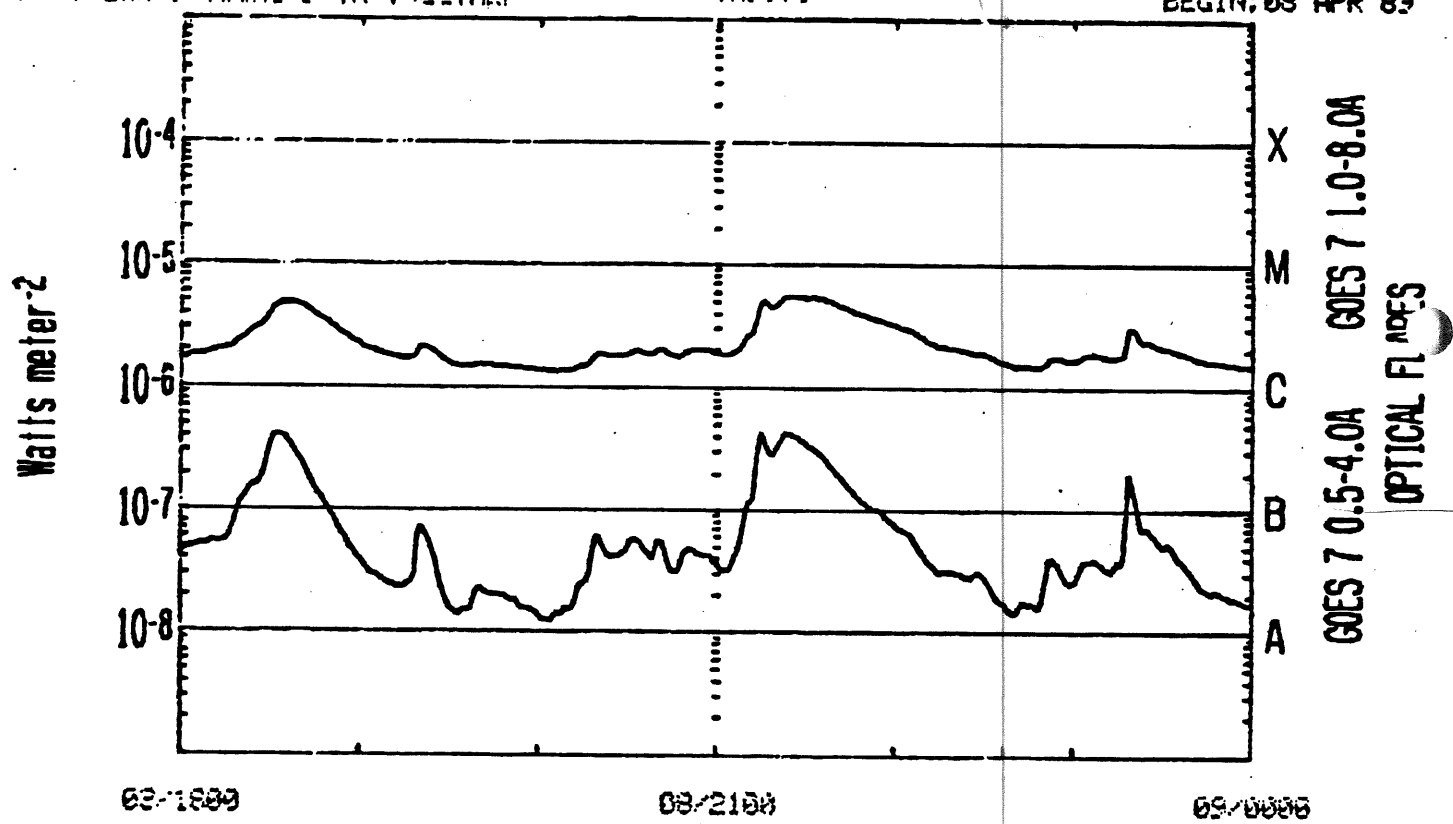
1989 Day 098

Top of Front center = 310°
[22:36], 1st order only

GOES 7 1 MIN DATA; OPTICAL DATA TOGETHER

STOP
RECAL.

BEGIN: 08 APR 89



03-1800

03-2100

03-0000

SAA's
NIGHT

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

RUN: 1715UT
9 APR 89

This is a 1 order run

INPUT:

year	day	time	radii	error in radius	angle	error in angle	datatype
1989	98	23:50: 6	3.20	+/- 0.20	305.0	+/- 1.0	SMM
1989	99	0:31:22	4.40	+/- 0.15	305.0	+/- 1.0	SMM

Structure being measured:

Top of Front

OUTPUT:

START TIME:

Event began at t = 0 + -0.756E+02 +/- 0.000E+00 [minutes]

In more convenient units:

Event began at DOY 98 22:36 +/- 0.000E+00 [minutes]

Origin defined at DOY 98 23:50

RADIAL INFORMATION:

RADIAL VELOCITY = 337. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.320E+01 +/- 0.169E-05 [solar radii]
c(2) = 0.291E-01 +/- 0.511E-07 [radii/min]
c(2) = 0.337E+03 +/- 0.592E-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) = 305. +/- 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 23:50 = 0. km/sec

The TOTAL velocity at 23:50 = 337. km/sec

The TANGENTIAL velocity at 0:31 = 0. km/sec

The TOTAL velocity at 0:31 = 337. 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!