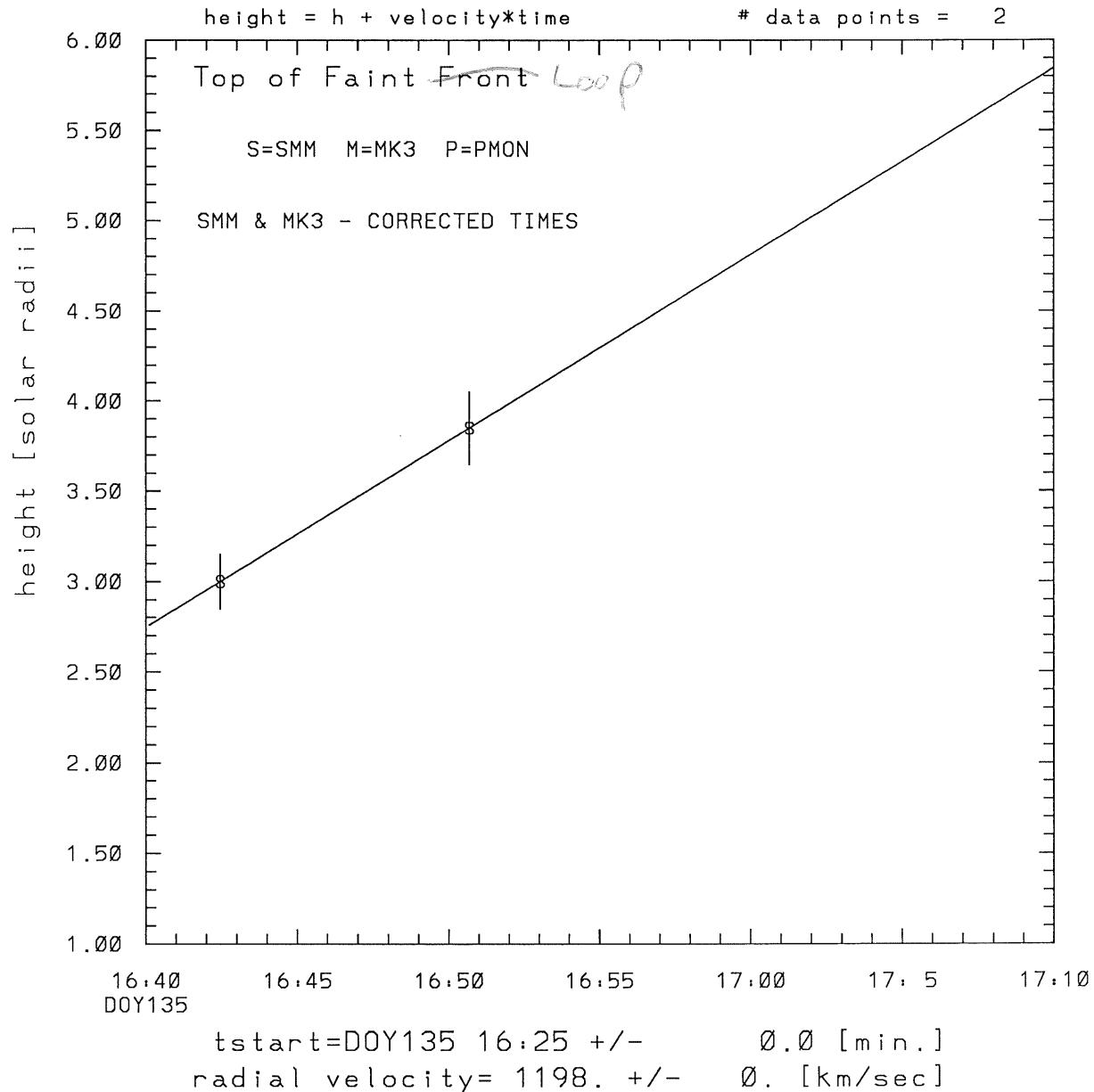
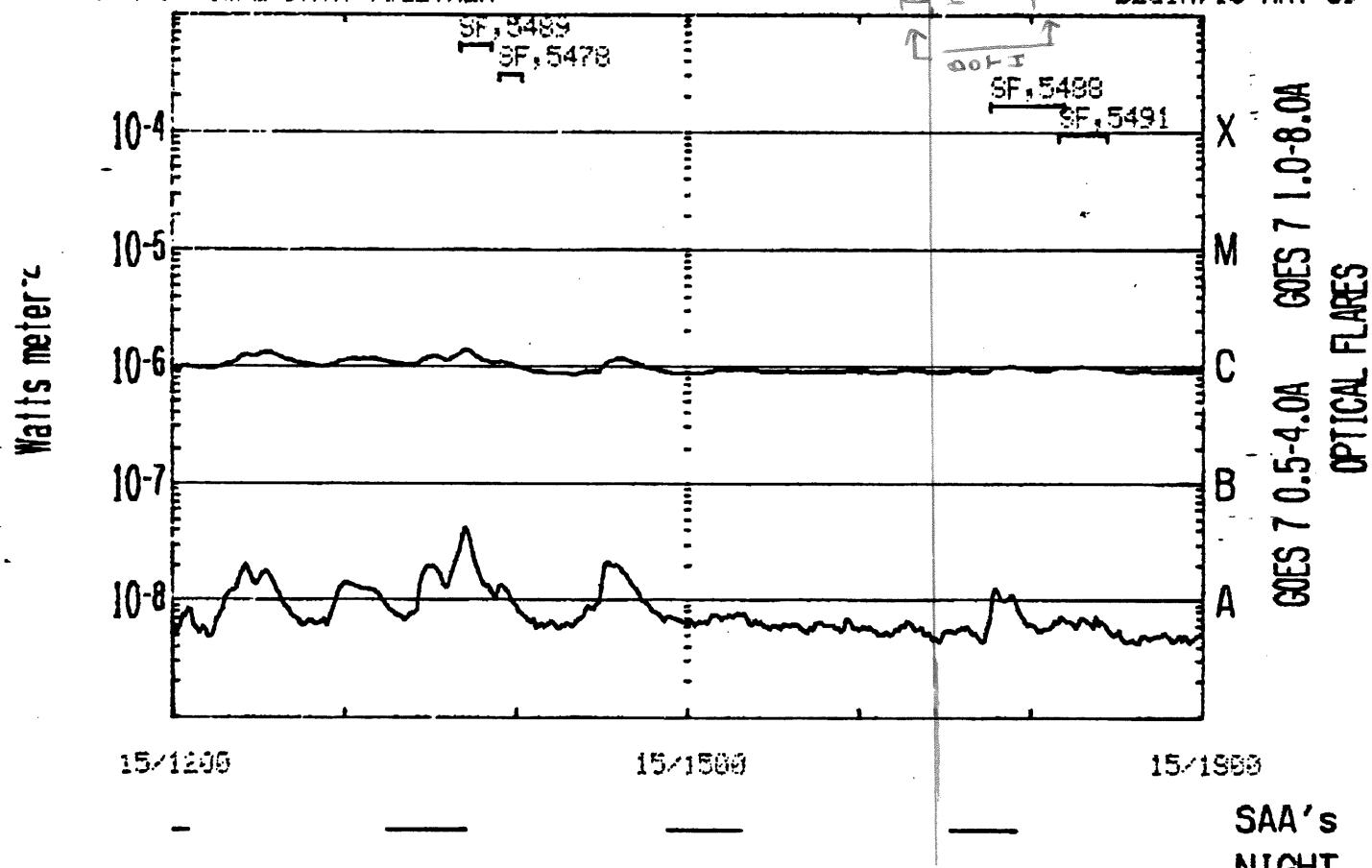


SMM C/P 1989 DOY135 160 +/- 0 degrees



1989 Day 135

XRAY and OPTICAL DATA TOGETHER STOP Ref.. BEGIN: 15 MAY 89



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

RUN: 1557UT
15 MAY 89

This is a 1 order run

INPUT:

year	doy	time	error in radii	error in radius	angle	angle	datatype
1989	135	16:42:27	3.00	+/- 0.15	160.0	+/- 0.5	SMM
1989	135	16:50:41	3.85	+/- 0.20	160.0	+/- 0.5	SMM

Structure being measured:

Top of Faint Front L₂₀₀

OUTPUT:

START TIME:

Event began at t = 0 + -0.169E+02 +/- 0.000E+00 [minutes]

In more convenient units:

Event began at DOY 135 16:25 +/- 0.000E+00 [minutes]

Origin defined at DOY135 16:40

RADIAL INFORMATION:

RADIAL VELOCITY = 1198. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.275E+01 +/- 0.167E-05 [solar radii]
c(2) = 0.103E+00 +/- 0.249E-06 [radii/min]
c(2) = 0.120E+04 +/- 0.289E-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) = 160. +/- 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 16:42 = 0. km/sec

The TOTAL velocity at 16:42 = 1198. km/sec

The TANGENTIAL velocity at 16:50 = 0. km/sec

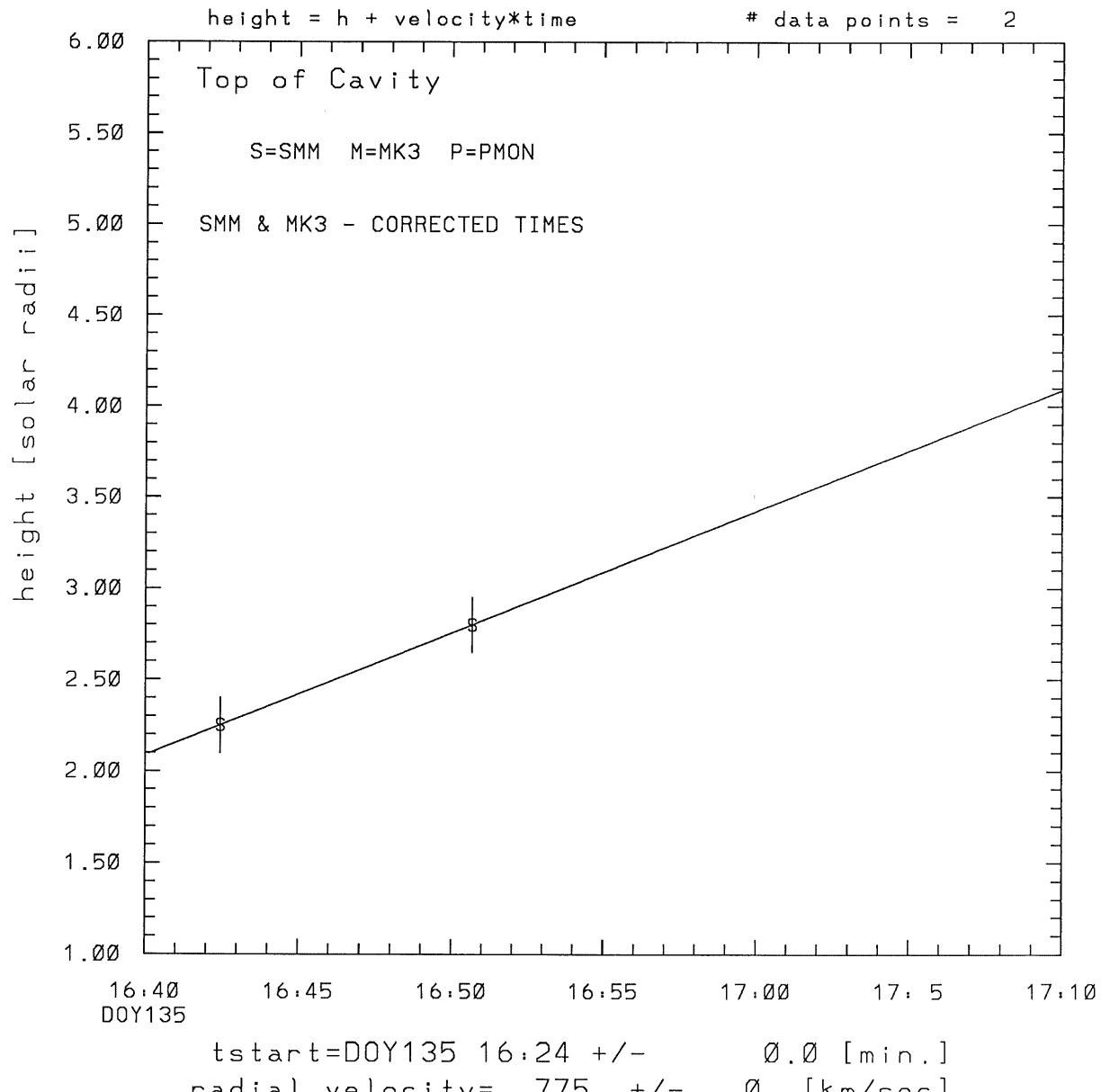
The TOTAL velocity at 16:50 = 1198. km/sec

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!

SMM C/P 1989 DOY135 160 +/- 0 degrees



This is a 1 order run

INPUT:

year	doy	time	radii	radius	error in radii	error in radius	angle	angle	datatype
1989	135	16:42:27	2.25	+/- 0.15	160.0	+/- 0.5			SMM
1989	135	16:50:41	2.80	+/- 0.15	160.0	+/- 0.5			SMM

Structure being measured:

Top of Cavity

OUTPUT:

START TIME:

Event began at t = 0 + -0.163E+02 +/- 0.000E+00 [minutes]

In more convenient units:

Event began at DOY 135 16:24 +/- 0.000E+00 [minutes]

Origin defined at DOY135 16:40

RADIAL INFORMATION:

RADIAL VELOCITY = 775. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.209E+01 +/- 0.114E-05 [solar radii]
c(2) = 0.668E-01 +/- 0.148E-06 [radii/min]
c(2) = 0.775E+03 +/- 0.171E-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) = 160. +/- 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 16:42 = 0. km/sec
The TOTAL velocity at 16:42 = 775. km/sec

The TANGENTIAL velocity at 16:50 = 0. km/sec
The TOTAL velocity at 16:50 = 775. 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!