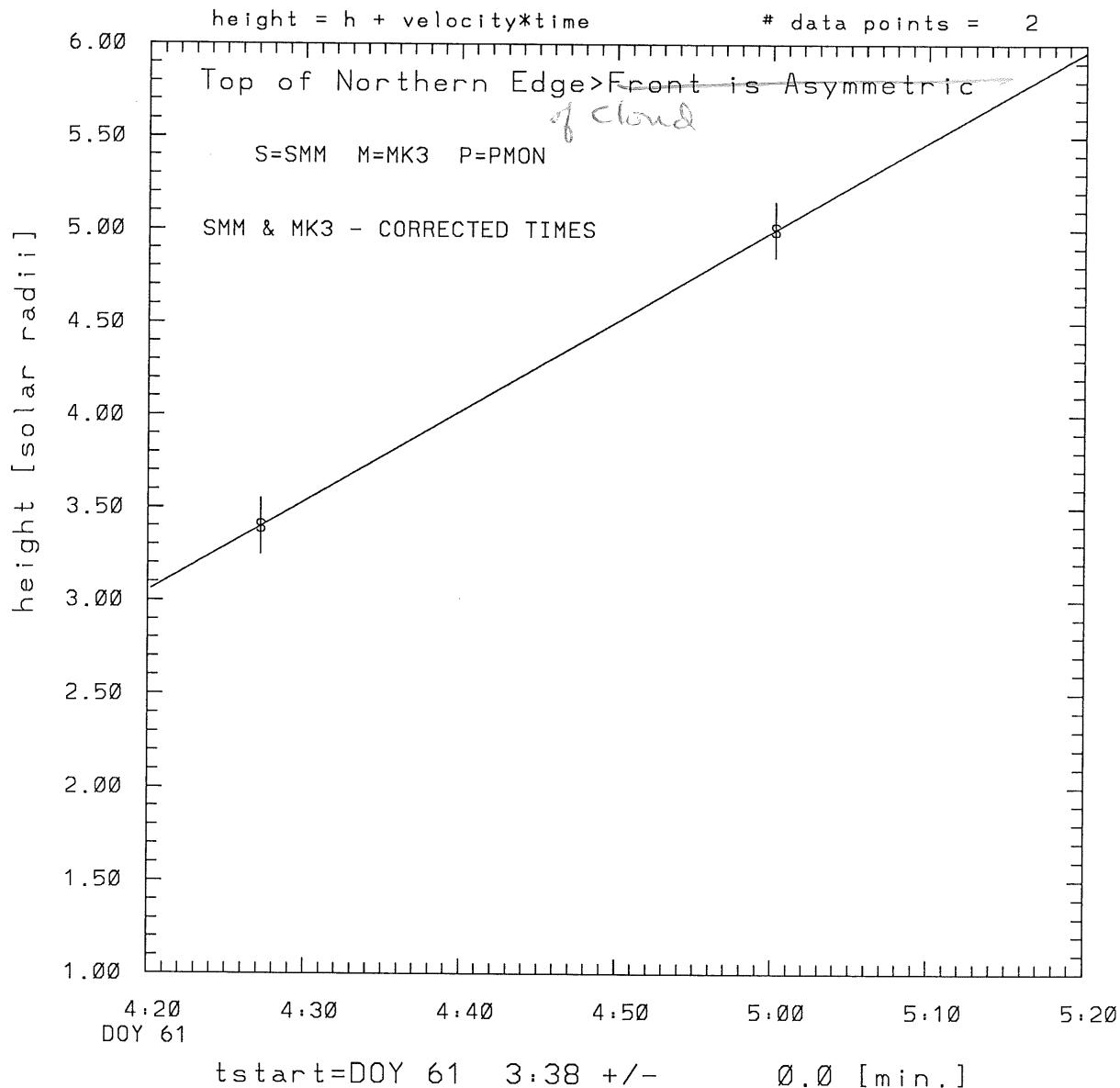


SMM C/P 1989 DOY 61 300 +/- 0 degrees



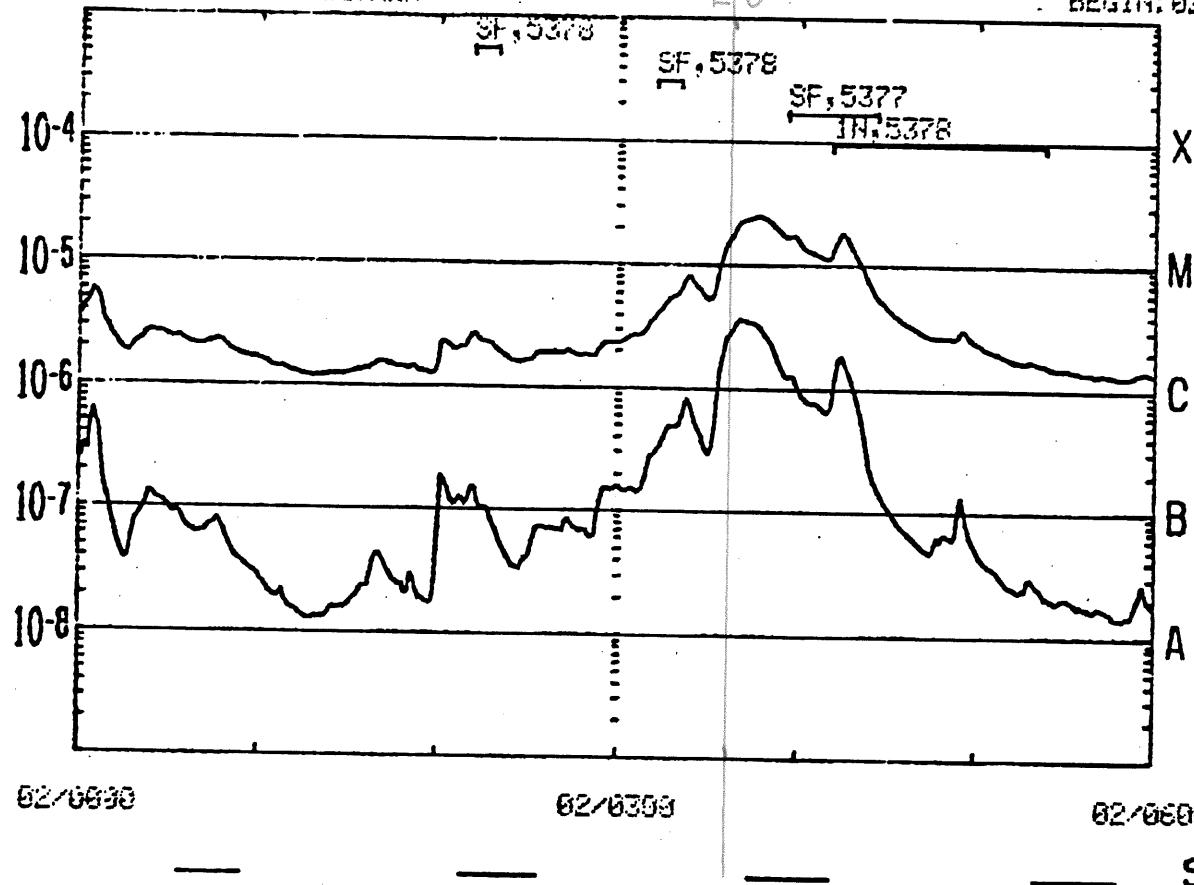
1989 Day 061

Top of Northern Edge
Center pa = 790° [3:38]
1ST order

SAA's and OPTICAL DATA TOGETHER

BEGIN: 02 MAR 89

Watts meter⁻²



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

RUN: 1648UT
7 MAR 89

SAA's
NIGHT

This is a 1 order run

INPUT:

year	doy	time	radii	radius	error in angle	error in angle	datatype
1989	61	4:27:12	3.40	+/- 0.15	300.0	+/- 0.5	SMM
1989	61	5: 0:12	5.00	+/- 0.15	300.0	+/- 0.5	SMM

Structure being measured:

Top of Northern Edge>Front is Asymmetric

OUTPUT:

START TIME:

Event began at t = 0 + -0.423E+02 +/- 0.000E+00 [minutes]

In more convenient units:

Event began at DOY 61 3:38 +/- 0.000E+00 [minutes]

Origin defined at DOY 61 4:20

RADIAL INFORMATION:

RADIAL VELOCITY = 562. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.305E+01 +/- 0.118E-05 [solar radii]
c(2) = 0.485E-01 +/- 0.409E-07 [radii/min]
c(2) = 0.562E+03 +/- 0.474E-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) = 300. +/- 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 4:27 = 0. km/sec

The TOTAL velocity at 4:27 = 562. km/sec

The TANGENTIAL velocity at 5: 0 = 0. km/sec

The TOTAL velocity at 5: 0 = 562. 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!