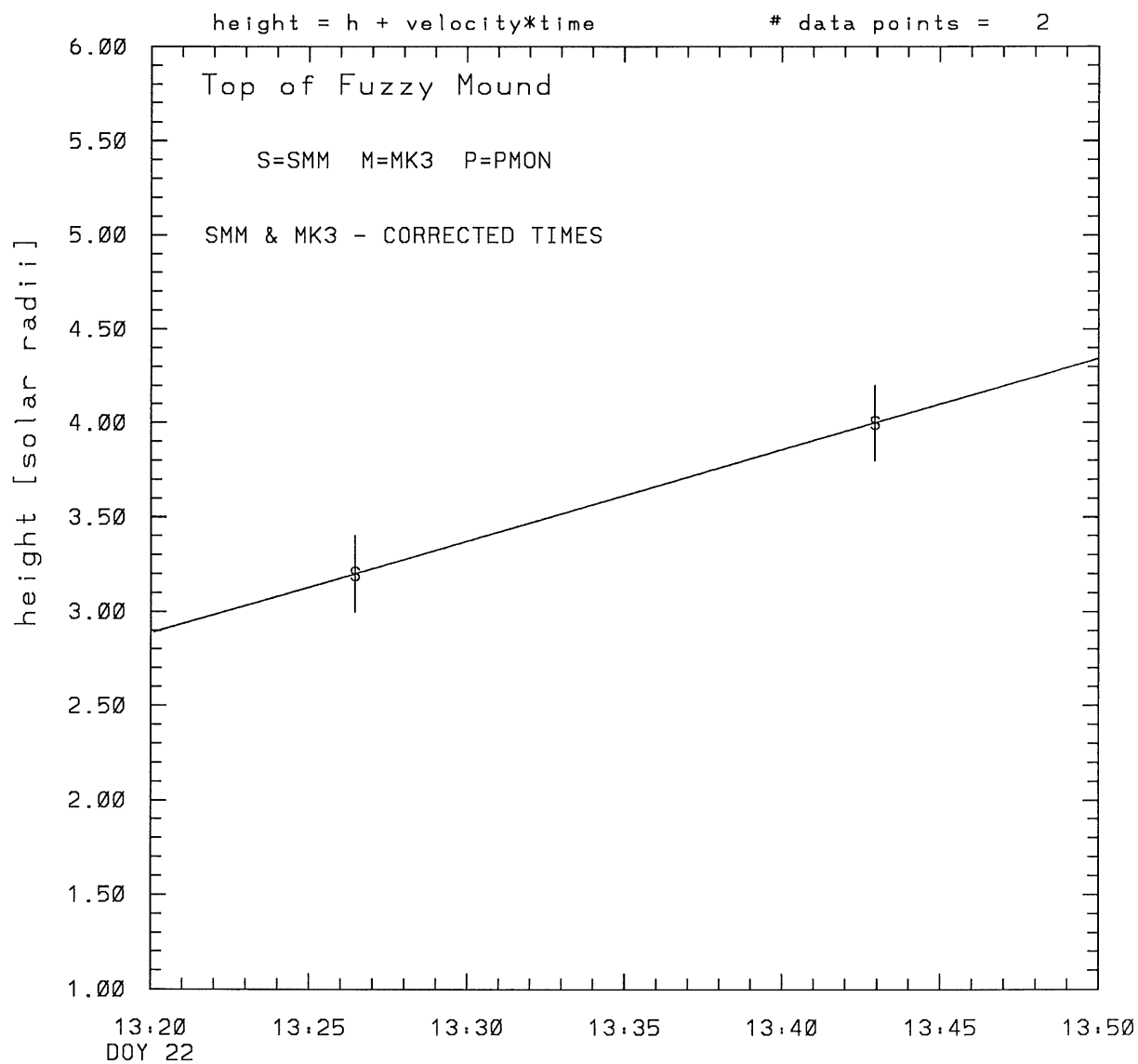
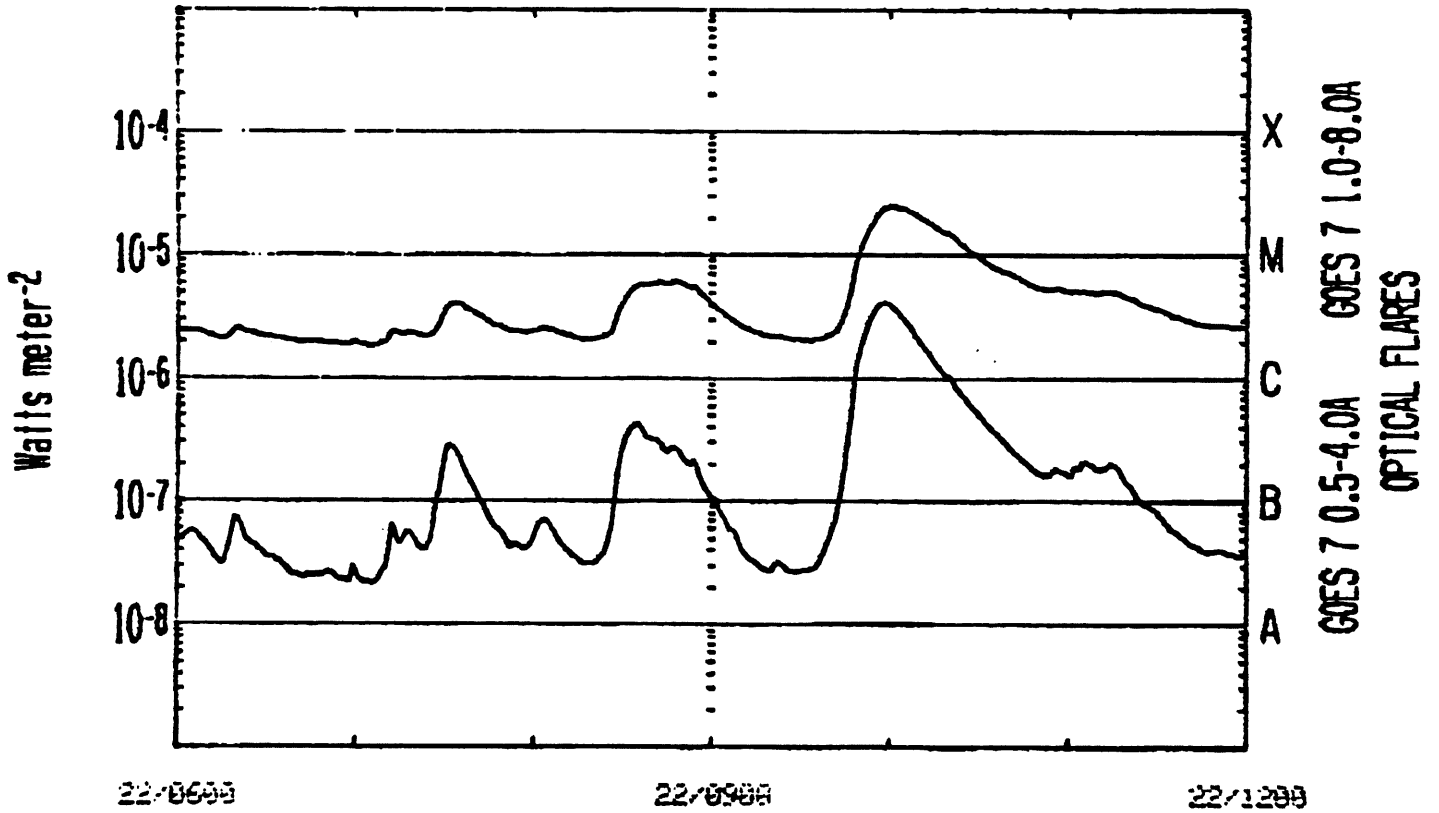


SMM C/P 1989 DOY 22 45 +/- 0 degrees



tstart=DOY 22 12:43 +/- 0.0 [min.]
radial velocity= 562. +/- 0. [km/sec]

RAY and OPTICAL DATA TOGETHER STOP Re BEGIN: 22 JAN 89

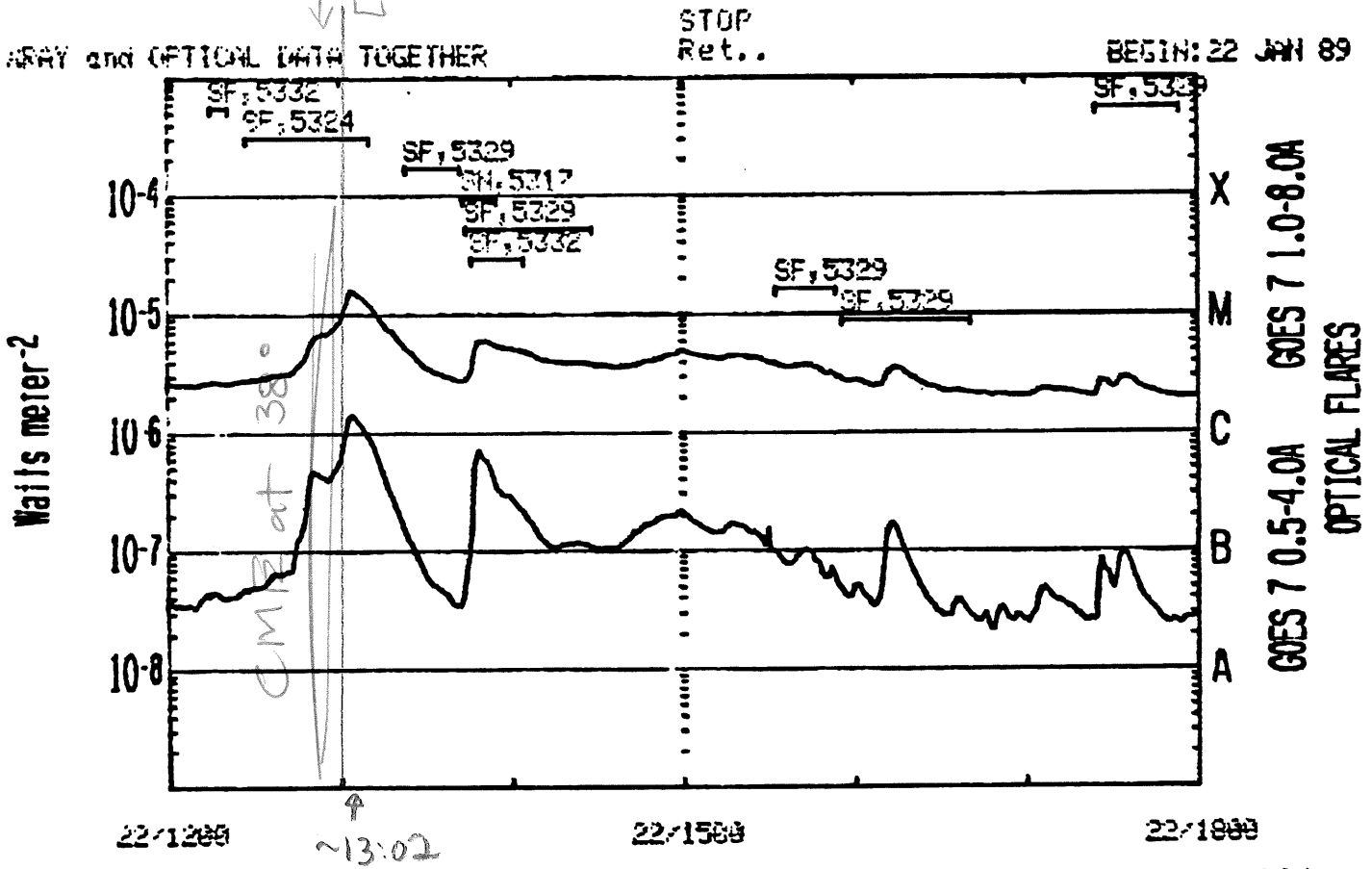


GOES-7 1 MIN DATA: OPTICAL FLARE DUR, IMP, REGION

SAA's NIGHT
RUN: 1989UT
28 JAN 89

1989 Day 22

Top of Fuzzy Mound
[12:43] 1st order only



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

SAA's
NIGHT

FN: 2001UT
25 JAN 89

This is a 1 order run

INPUT:

year	day	time	radii	error in radius	error in angle	datatype
1989	22	13:26:27	3.20	+/- 0.20	45.0 +/- 0.5	SMM
1989	22	13:42:57	4.00	+/- 0.20	45.0 +/- 0.5	SMM

Structure being measured:
Top of Fuzzy Mound

OUTPUT:

START TIME:

Event began at $t = 0 + -0.389E+02 +/- 0.000E+00$ [minutes]
In more convenient units:
Event began at DOY 22 12:43 +/- 0.000E+00 [minutes]

Origin defined at DOY 22 13:20

RADIAL INFORMATION:

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

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.289E+01 +/- 0.000E+00 [solar radii]
c(2) = 0.485E-01 +/- 0.000E+00 [radii/min]
c(2) = 0.562E+03 +/- 0.000E+00 [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) = 45. +/- 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 13:26 = 0. km/sec

The TOTAL velocity at 13:26 = 562. km/sec

The TANGENTIAL velocity at 13:42 = 0. km/sec

The TOTAL velocity at 13:42 = 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!