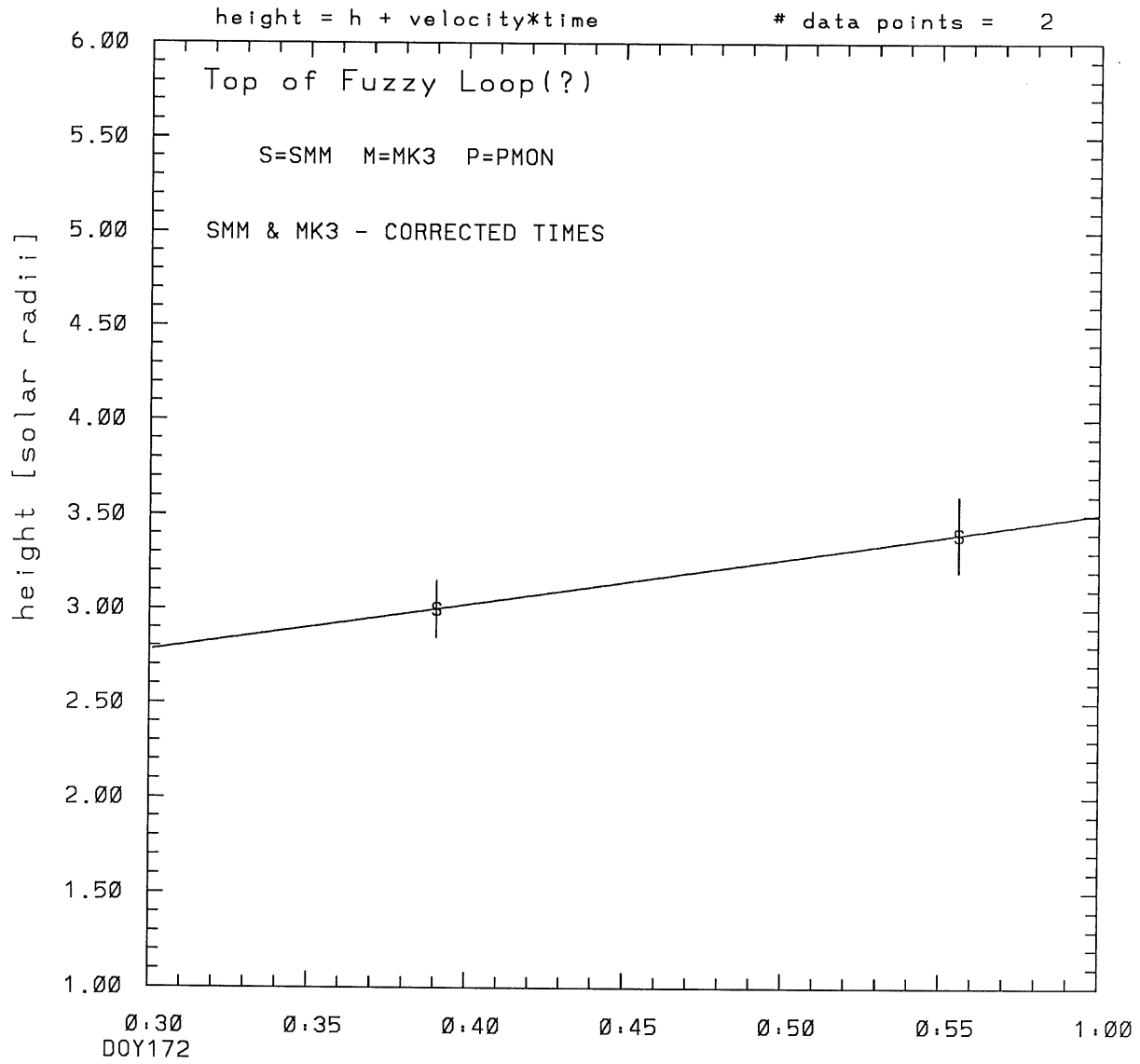


SMM C/P 1989 DOY172 275 +/- 0 degrees



tstart=DOY171 23:18 +/- 0.0 [min.]
radial velocity= 281. +/- 0. [km/sec]

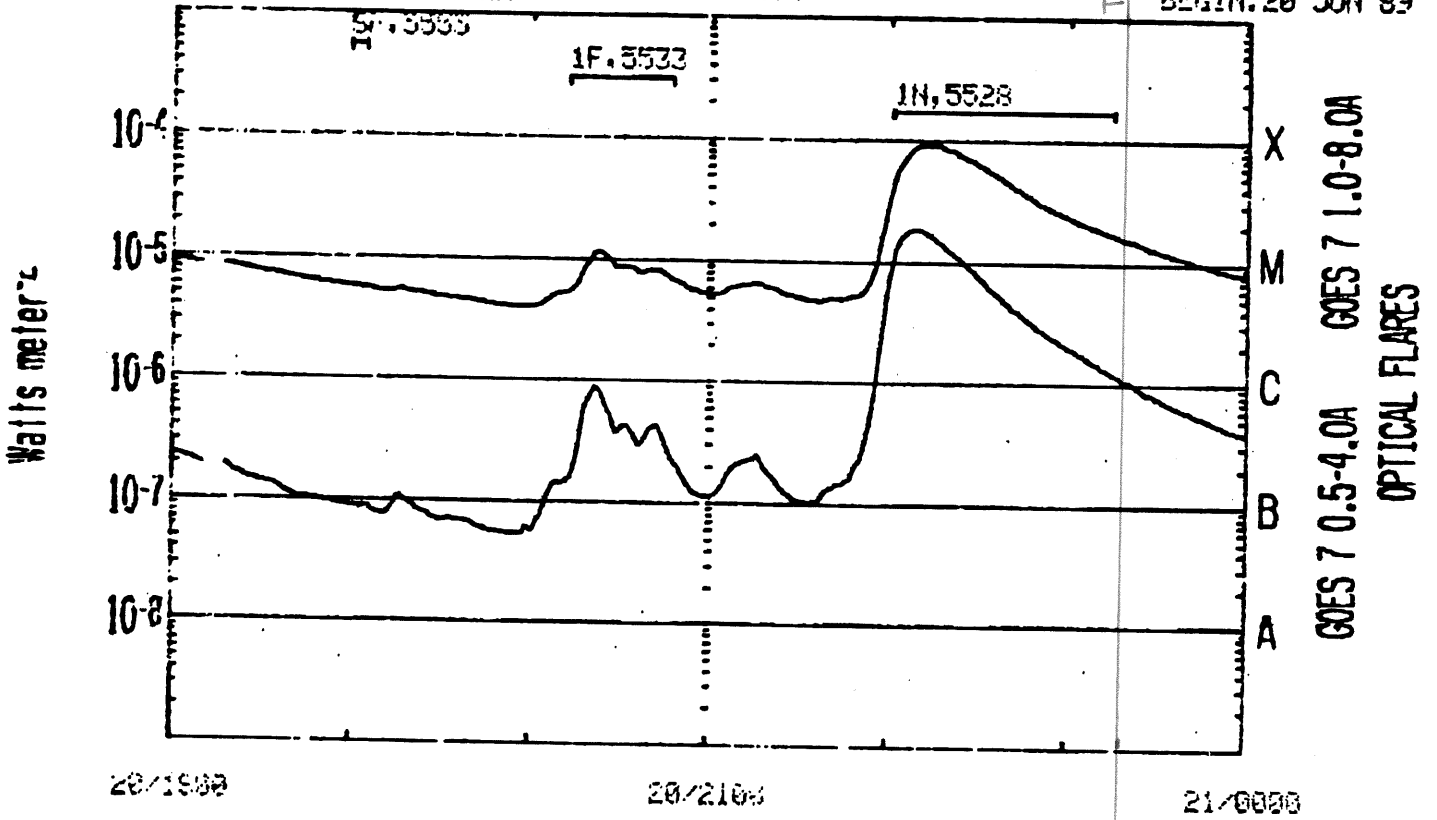
1989 Day 171

Top of Fuzzy Loop (1) center = 276°
[23:18] = 1st order only

TRY AND OPTICAL DATA TOGETHER

STOP
[23:18]

BEGIN: 20 JUN 89



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

— SAA's
— NIGHT

PLN: 1545UT
24 JUN 89

This is a 1 order run

INPUT:

year	doy	time	radii	error in radius	angle	error in angle	datatype
1989	172	0:39: 4	3.00	+/- 0.15	275.0	+/- 1.0	SMM
1989	172	0:55:35	3.40	+/- 0.20	275.0	+/- 1.0	SMM

Structure being measured:

Top of Fuzzy Loop(?)

OUTPUT:

START TIME:

Event began at $t = 0 + -0.735E+02 +/- 0.000E+00$ [minutes]

In more convenient units:

Event began at DOY 171 23:18 +/- 0.000E+00 [minutes]

Origin defined at DOY172 0:30

RADIAL INFORMATION:

RADIAL VELOCITY = 281. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.278E+01 +/- 0.361E-06 [solar radii]
c(2) = 0.242E-01 +/- 0.213E-07 [radii/min]
c(2) = 0.281E+03 +/- 0.247E-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) = 275. +/- 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 0:39 = 0. km/sec

The TOTAL velocity at 0:39 = 281. km/sec

The TANGENTIAL velocity at 0:55 = 0. km/sec

The TOTAL velocity at 0:55 = 281. 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!