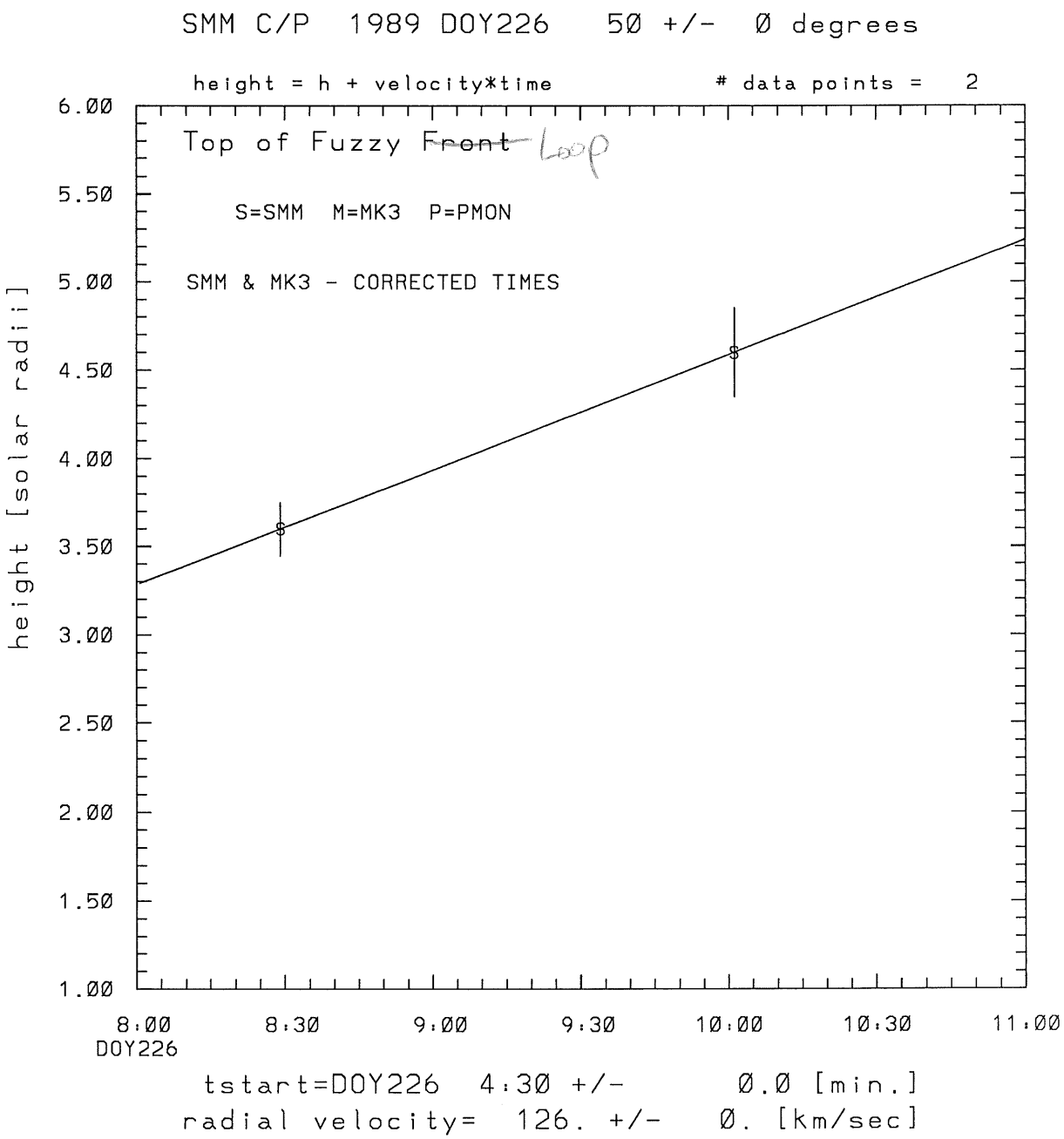
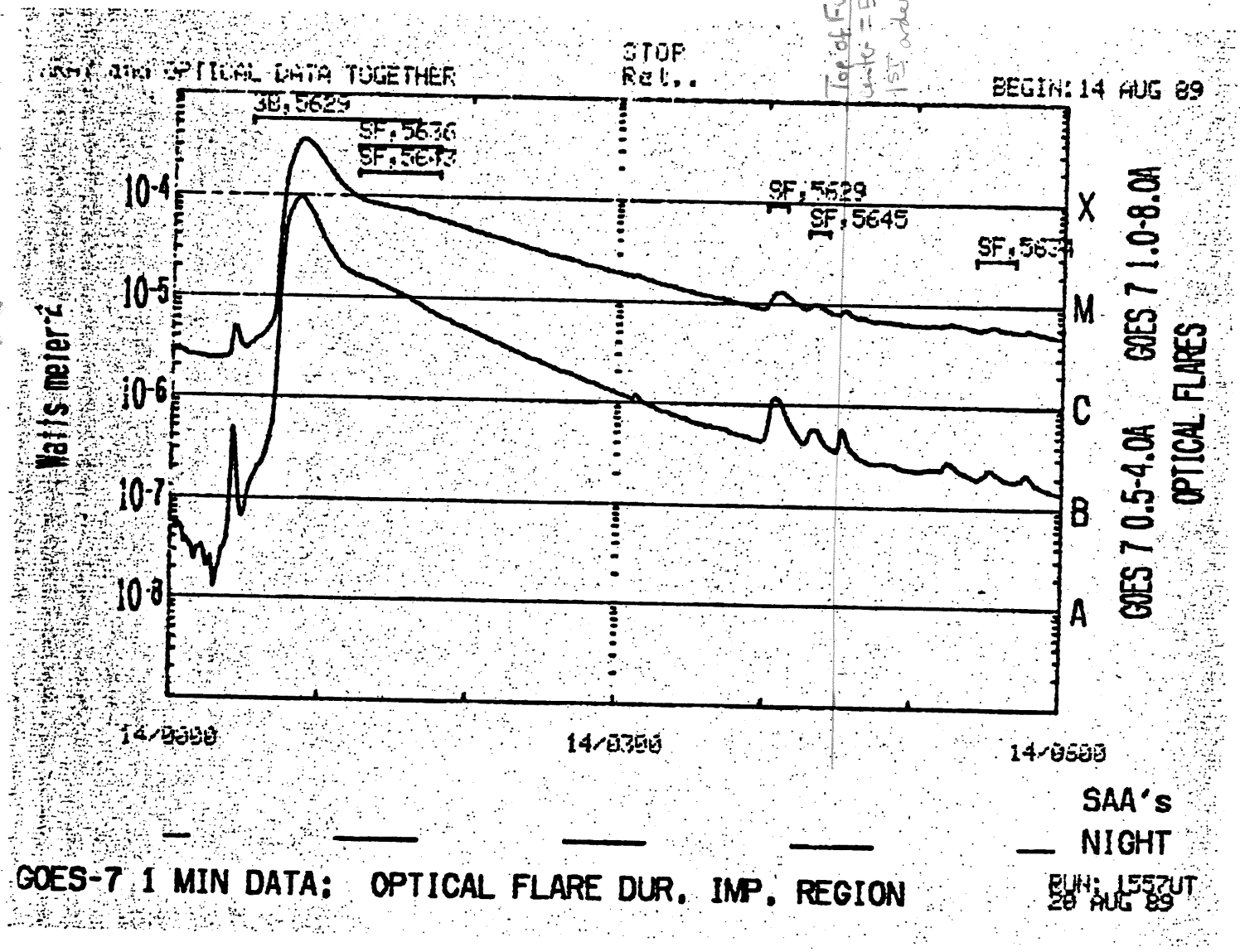

SMM C/P 1989 DOY226 50 +/- Ø degrees
height = h + velocity*time
# data points = 2
Top of Fuzzy Front Loop
S=SMM M=MK3 P=PMON
SMM & MK3 - CORRECTED TIMES
height [solar radii]
6.ØØ
5.5Ø
5.ØØ
4.5Ø
4.ØØ
3.5Ø
3.ØØ
2.5Ø
2.ØØ
1.5Ø
1.ØØ
8:ØØ
DOY226
8:3Ø
9:ØØ
9:3Ø
1Ø:ØØ
1Ø:3Ø
11:ØØ
tstart=DOY226 4:3Ø +/- Ø.Ø [min.]
radial velocity= 126. +/- Ø. [km/sec]

1989 DOY 226



OPTICAL DATA TOGETHER
STOP
Rel..
BEGIN: 14 AUG 89
3B,5629
SF,5636
SF,5643
SF,5629
SF,5645
SF,5634
10-4
10-5
10-6
10-7
10-8
Watts meter-2
X
M
C
B
A
GOES 7 1.0-8.0A
GOES 7 0.5-4.0A
OPTICAL FLARES
14/0000
14/0300
14/0600
SAA's
NIGHT
GOES-7 1 MIN DATA: OPTICAL FLARE DUR. IMP. REGION
RUN: 1557UT
20 AUG 89

**********
This is a 1 order run
**********

*******
INPUT:
*******

| year | doy | time | radii | error in radius | angle | error in angle | datatype |
|---|---|---|---|---|---|---|---|
| 1989 | 226 | 8:29: 7 | 3.60 +/- 0.15 | | 50.0 +/- 1.0 | | SMM |
| 1989 | 226 | 10: 1:12 | 4.60 +/- 0.25 | | 50.0 +/- 1.0 | | SMM |

**********
Structure being measured:
Top of Fuzzy Front
**********

********
OUTPUT:
********

START TIME:

Event began at t = 0 + -0.210E+03 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 226 4:30 +/- 0.000E+00 [minutes]

Origin defined at DOY226 8: 0

RADIAL INFORMATION:

RADIAL VELOCITY = 126. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.328E+01 +/- 0.279E-06 [solar radii]
c(2) = 0.109E-01 +/- 0.415E-08 [radii/min]
c(2) = 0.126E+03 +/- 0.481E-04 [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) = 50. +/- 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 8:29 = 0. km/sec
The TOTAL velocity at 8:29 = 126. km/sec

The TANGENTIAL velocity at 10: 1 = 0. km/sec
The TOTAL velocity at 10: 1 = 126. 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!