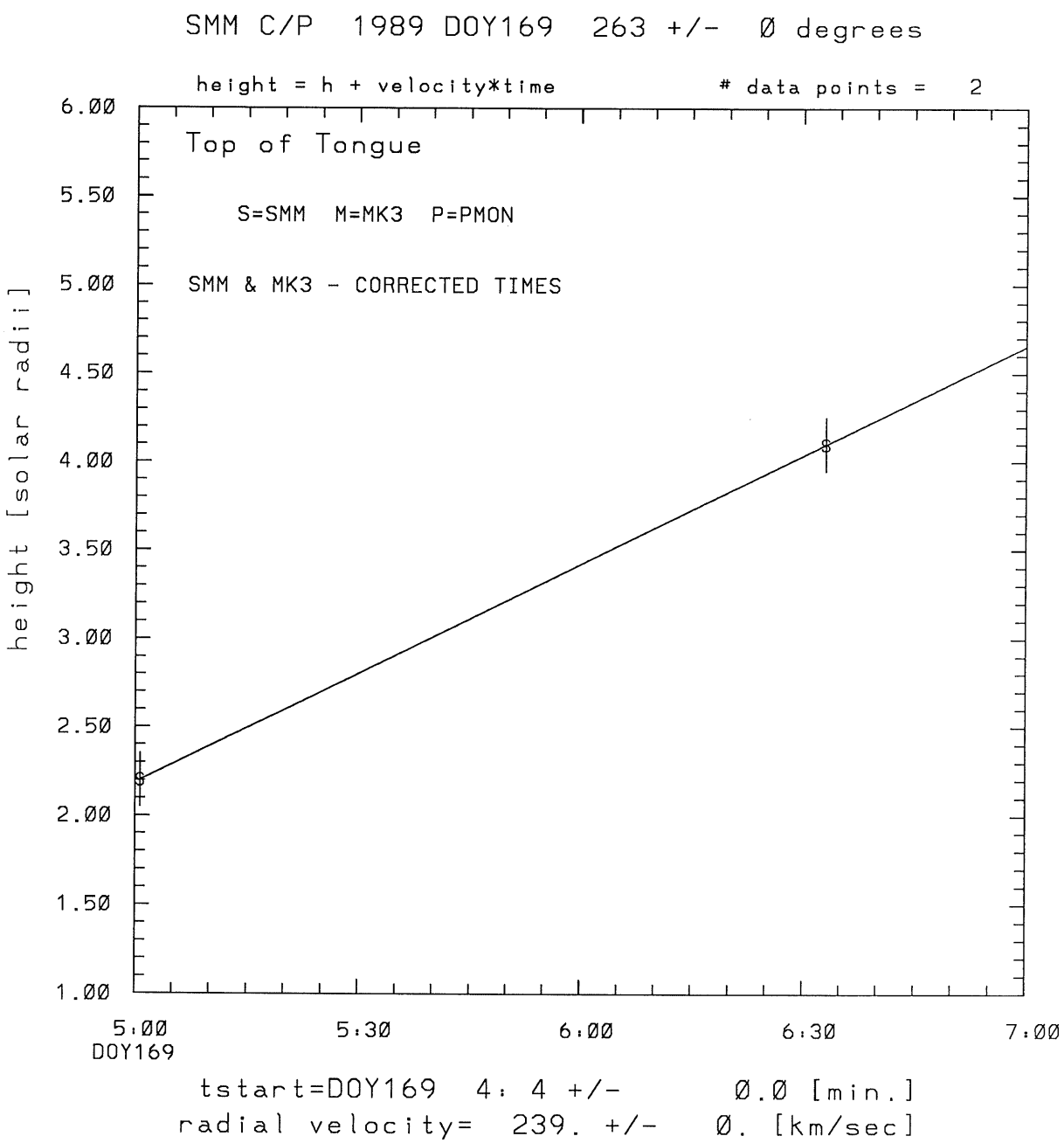
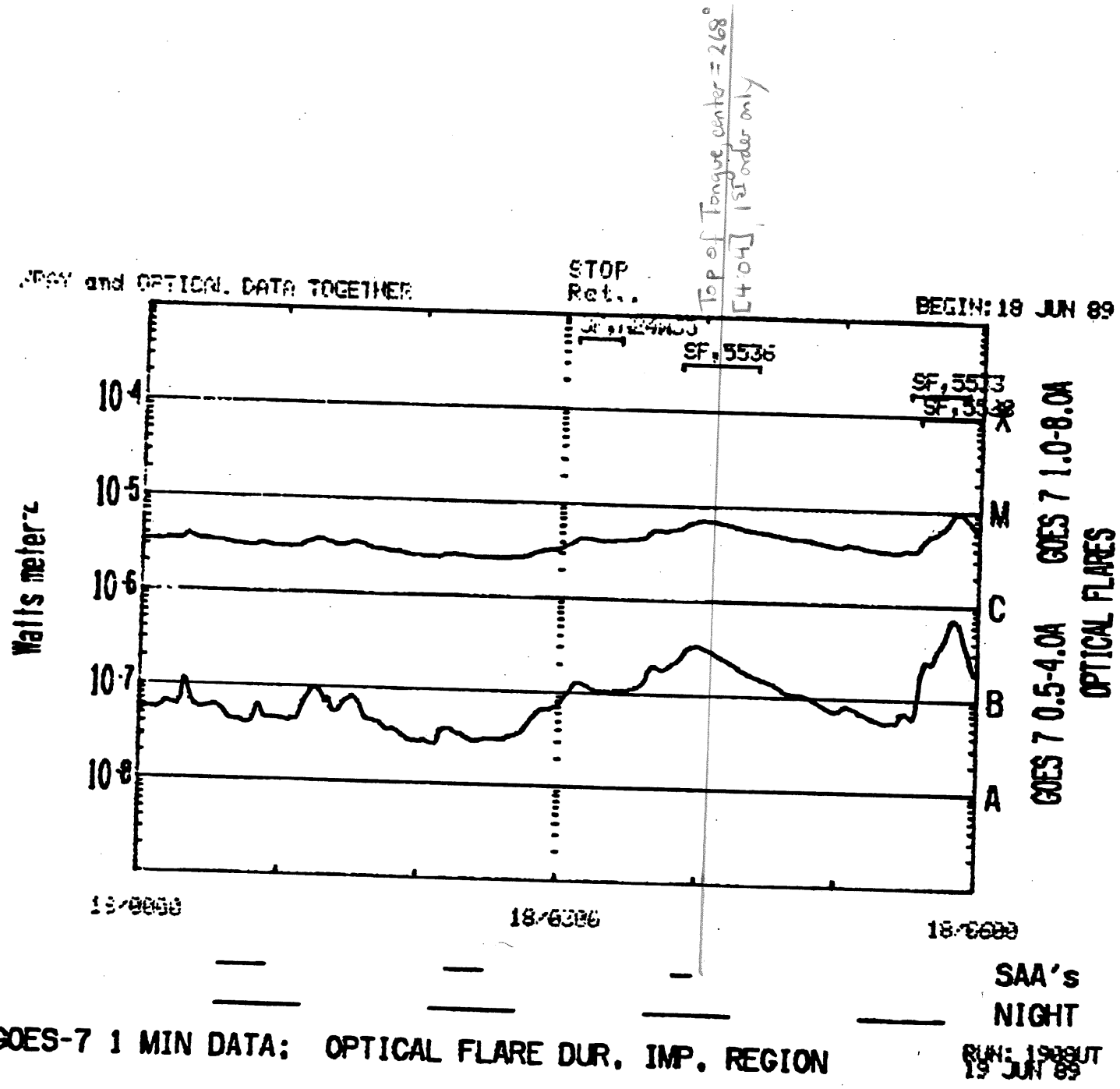

SMM C/P 1989 DOY169 263 +/- Ø degrees
height = h + velocity*time
# data points = 2
Top of Tongue
S=SMM M=MK3 P=PMON
SMM & MK3 - CORRECTED TIMES
height [solar radii]
6.ØØ
5.5Ø
5.ØØ
4.5Ø
4.ØØ
3.5Ø
3.ØØ
2.5Ø
2.ØØ
1.5Ø
1.ØØ
5:ØØ
DOY169
5:3Ø
6:ØØ
6:3Ø
7:ØØ
tstart=DOY169 4: 4 +/- Ø.Ø [min.]
radial velocity= 239. +/- Ø. [km/sec]

1989 DOY 169



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

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

****
INPUT:
****

year	doy	time	radii	error in radius	angle	error in angle	datatype
1989	169	5: 0:40	2.20 +/-	0.15	263.0 +/-	0.5	SMM
1989	169	6:33: 4	4.10 +/-	0.15	263.0 +/-	1.0	SMM

****
Structure being measured:
Top of Tongue
****

****
OUTPUT:
****

START TIME:

Event began at t = 0 + -0.577E+02 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 169 4: 4 +/- 0.000E+00 [minutes]

Origin defined at DOY169 5: 0

RADIAL INFORMATION:

RADIAL VELOCITY = 239. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.219E+01 +/- 0.480E-06 [solar radii]
c(2) = 0.206E-01 +/- 0.730E-08 [radii/min]
c(2) = 0.239E+03 +/- 0.847E-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) = 263. +/- 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 5: 0 = 0. km/sec
The TOTAL velocity at 5: 0 = 239. km/sec

The TANGENTIAL velocity at 6:33 = 0. km/sec
The TOTAL velocity at 6:33 = 239. 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!