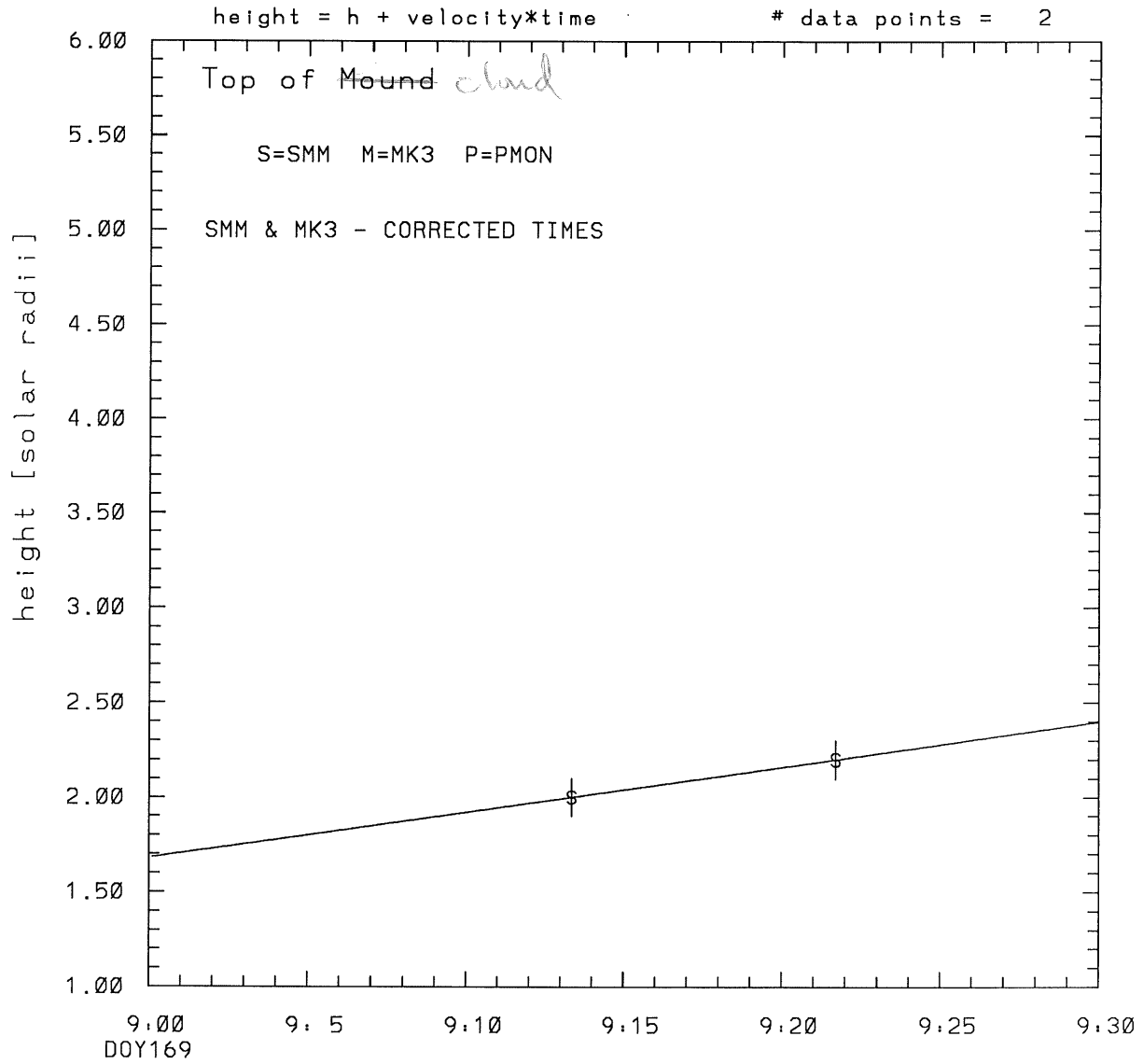
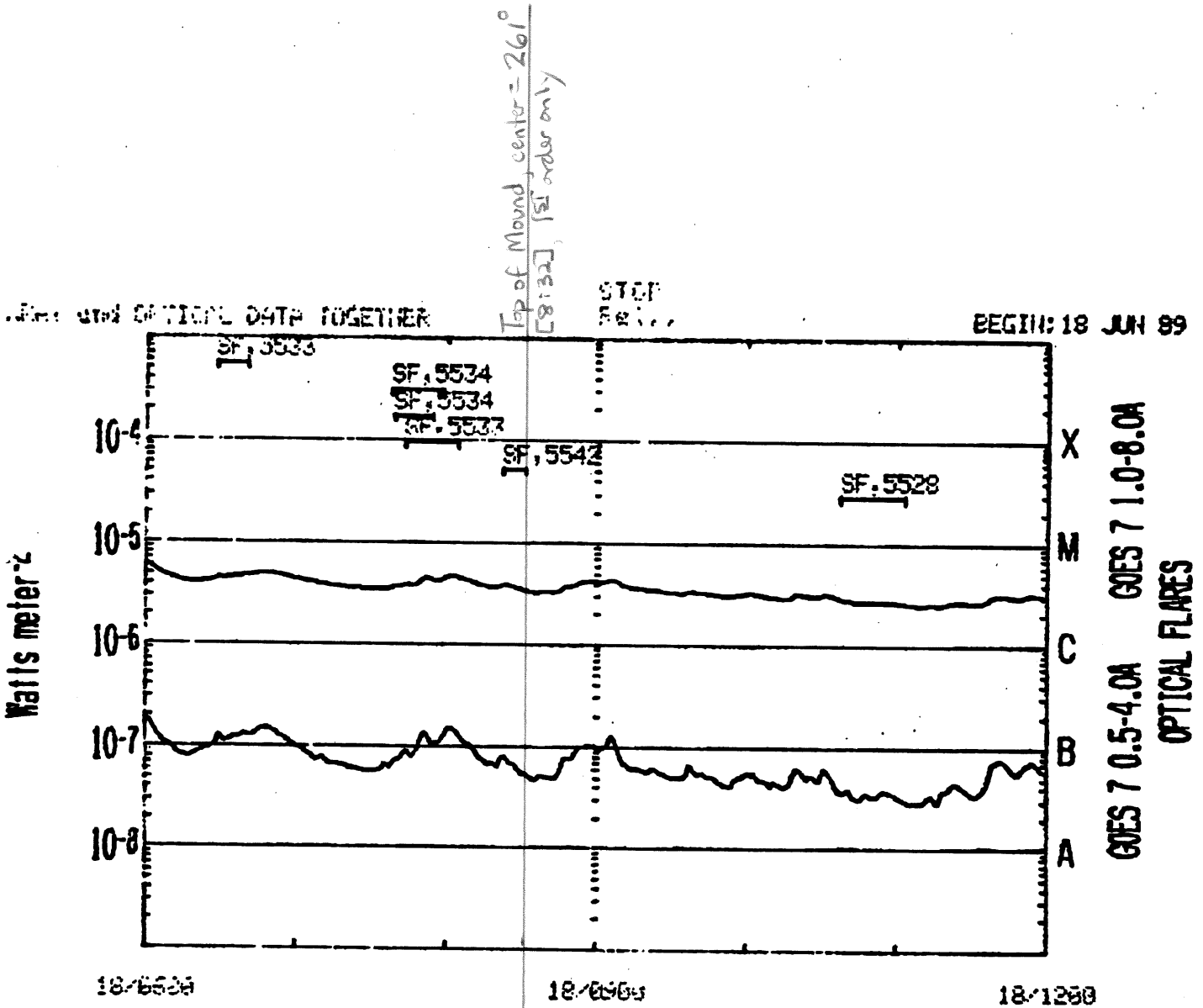


SMM C/P 1989 DOY169 261 +/- 0 degrees



tstart=DOY169 8.32 +/- 0.0 [min.]
radial velocity= 278. +/- 0. [km/sec]

1989 Day 16⁹



GOES 7 0.5-4.0Å GOES 7 1.0-8.0Å
OPTICAL FLARES

SAA's
NIGHT

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

RUN: 1918UT
19 JUN 89

This is a 1 order run

INPUT:

year	day	time	radii	error in radius	angle	error in angle	datatype
1989	169	9:13:21	2.00	+/- 0.10	261.0	+/- 0.5	SMM
1989	169	9:21:42	2.20	+/- 0.10	261.0	+/- 0.5	SMM

Structure being measured:
Top of Mound *cloud*

OUTPUT:

START TIME:

Event began at $t = 0 + -0.284E+02 +/- 0.000E+00$ [minutes]
In more convenient units:
Event began at DOY 169 8:32 +/- 0.000E+00 [minutes]

Origin defined at DOY169 9: 0

RADIAL INFORMATION:

RADIAL VELOCITY = 278. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.168E+01 +/- 0.727E-06 [solar radii]
c(2) = 0.240E-01 +/- 0.404E-07 [radii/min]
c(2) = 0.278E+03 +/- 0.468E-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) = 261. +/- 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 9:13 = 0. km/sec

The TOTAL velocity at 9:13 = 278. km/sec

The TANGENTIAL velocity at 9:21 = 0. km/sec

The TOTAL velocity at 9:21 = 278. 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!