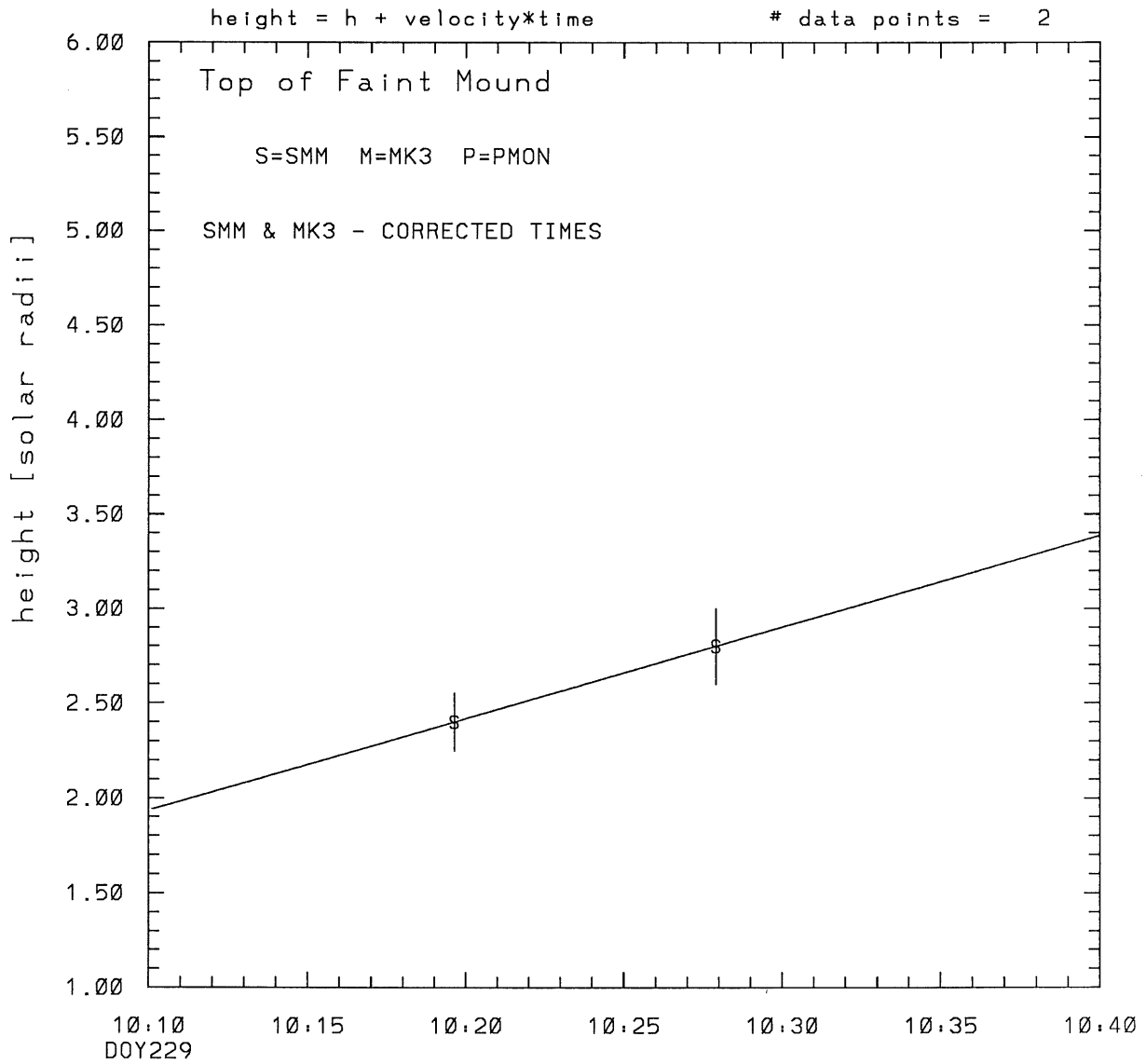


SMM C/P 1989 DOY229 330 +/- 0 degrees



tstart=DOY229 9:51 +/- 0.0 [min.]  
radial velocity= 561. +/- 0. [km/sec]

1989 DOY 229

... AND OPTICAL DATA TOGETHER

STOP  
Ret...

Top of Fast Mono  
Wavelength = 309? measured  
@ 330° [9.5]  
1st order only.

BEGIN: 17 AUG 89

Watts meter<sup>2</sup>

10<sup>-4</sup>  
10<sup>-5</sup>  
10<sup>-6</sup>  
10<sup>-7</sup>  
10<sup>-8</sup>

X  
M  
C  
B  
A

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

17/0600 17/0900 17/1200

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

SAA's  
NIGHT

RUN: 3013UT  
21 AUG 89

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

\*\*\*\*\*  
INPUT:  
\*\*\*\*\*

| year | day | time     | radii | error in radius | angle | error in angle | datatype |
|------|-----|----------|-------|-----------------|-------|----------------|----------|
| 1989 | 229 | 10:19:38 | 2.40  | +/- 0.15        | 330.0 | +/- 0.5        | SMM      |
| 1989 | 229 | 10:27:54 | 2.80  | +/- 0.20        | 330.0 | +/- 0.5        | SMM      |

\*\*\*\*\*  
Structure being measured:  
Top of Faint Mound  
\*\*\*\*\*

\*\*\*\*\*  
OUTPUT:  
\*\*\*\*\*

START TIME:

Event began at  $t = 0 + -0.193E+02 +/- 0.000E+00$  [minutes]  
In more convenient units:  
Event began at DOY 229 9:51 +/- 0.000E+00 [minutes]

Origin defined at DOY229 10:10

RADIAL INFORMATION:

RADIAL VELOCITY = 561. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.193E+01 +/- 0.000E+00 [solar radii]  
c(2) = 0.484E-01 +/- 0.000E+00 [radii/min]  
c(2) = 0.561E+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) = 330. +/- 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 10:19 = 0. km/sec

The TOTAL velocity at 10:19 = 561. km/sec

The TANGENTIAL velocity at 10:27 = 0. km/sec

The TOTAL velocity at 10:27 = 561. 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!