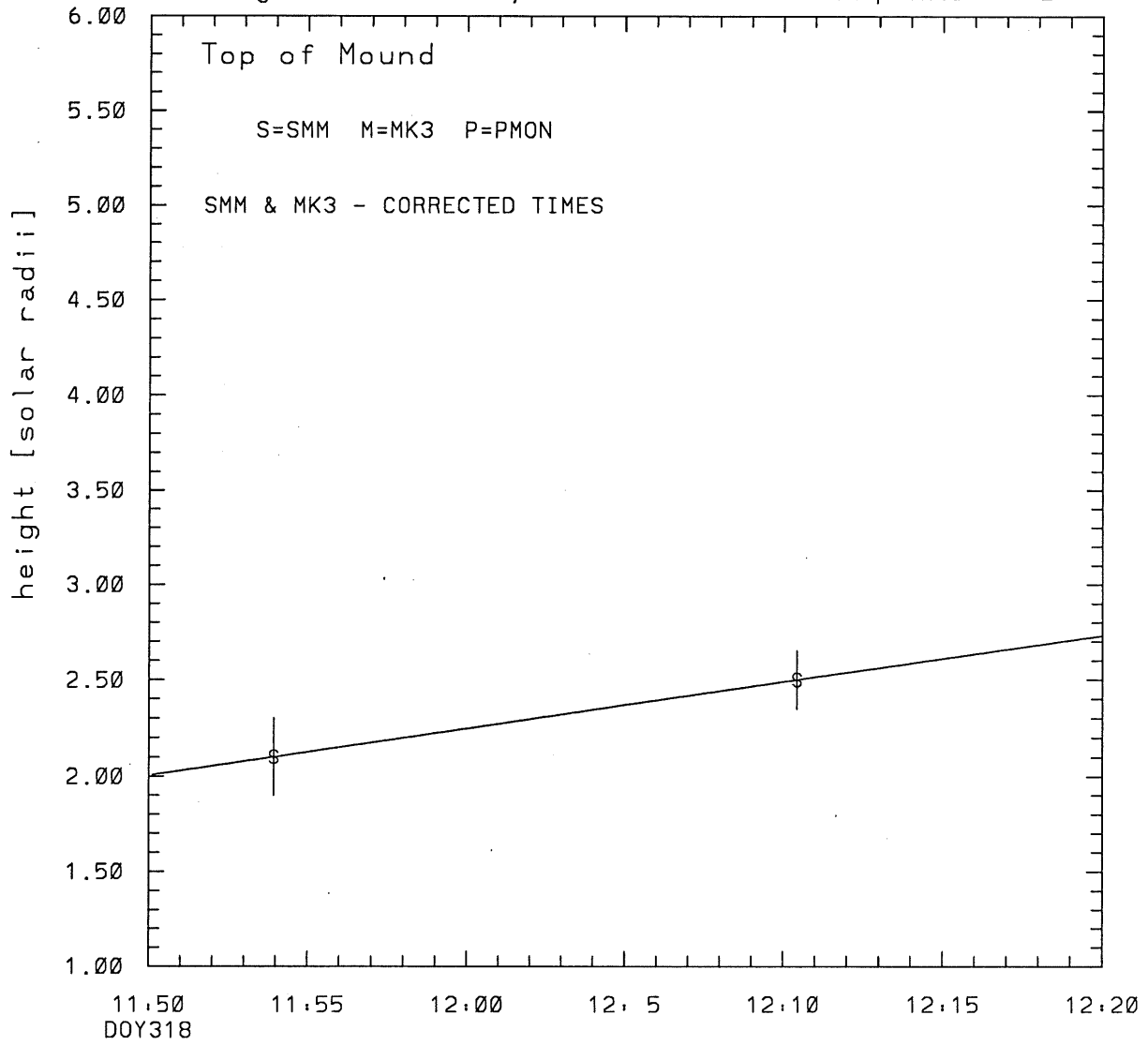


SMM C/P 1989 DOY318 275 +/- 0 degrees

height = h + velocity*time

data points = 2



tstart=DOY318 11.9 +/- 0.0 [min.]
radial velocity= 281. +/- 0. [km/sec]

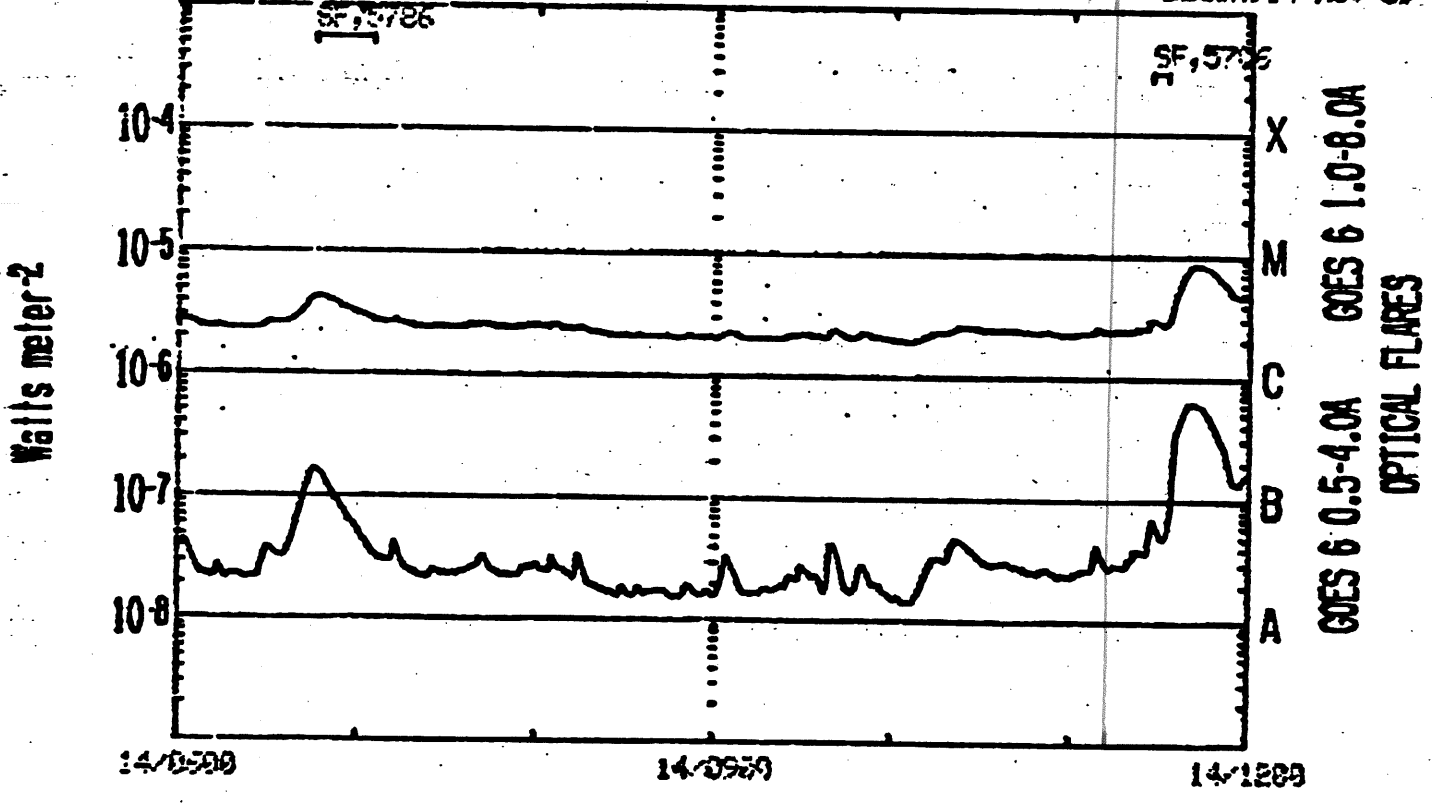
1989 Day 318

Top of Moon center = 2.17°
[11:12] 1st order

and OPTICAL DATA TOGETHER

STOP
Ret..

BEGIN: 14 NOV 89



GOES-6 1 MIN DATA: OPTICAL FLARE DUR. IMP. REGION

SAA's
NIGHT
RUN: 2014UT
16 NOV 89

This is a 1 order run

INPUT:

year	day	time	radii	radius	error in angle	error in angle	datatype
1989	318	11:53:56	2.10 +/-	0.20	275.0 +/-	0.5	SMM
1989	318	12:10:26	2.50 +/-	0.15	275.0 +/-	0.5	SMM

Structure being measured:
Top of Mound

OUTPUT:

START TIME:

Event began at $t = 0 + -0.414E+02 +/- 0.000E+00$ [minutes]
In more convenient units:
Event began at DOY 318 11: 9 +/- 0.000E+00 [minutes]

Origin defined at DOY318 11:50

RADIAL INFORMATION:

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

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.200E+01 +/- 0.189E-05 [solar radii]
c(2) = 0.242E-01 +/- 0.115E-06 [radii/min]
c(2) = 0.281E+03 +/- 0.133E-02 [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 RADIAL velocity at 11:53 = 281. km/sec

The RADIAL velocity at 12:10 = 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!