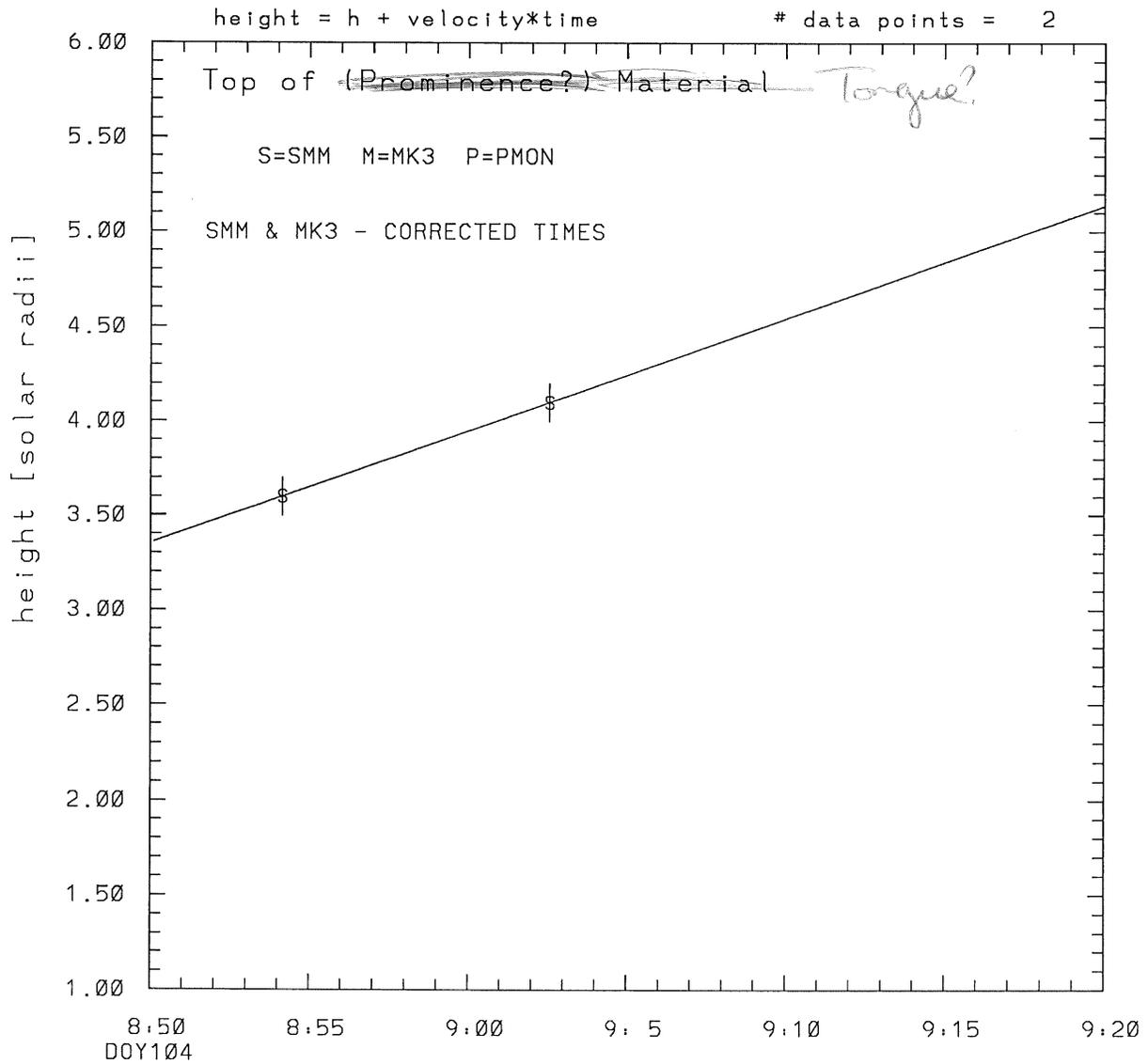
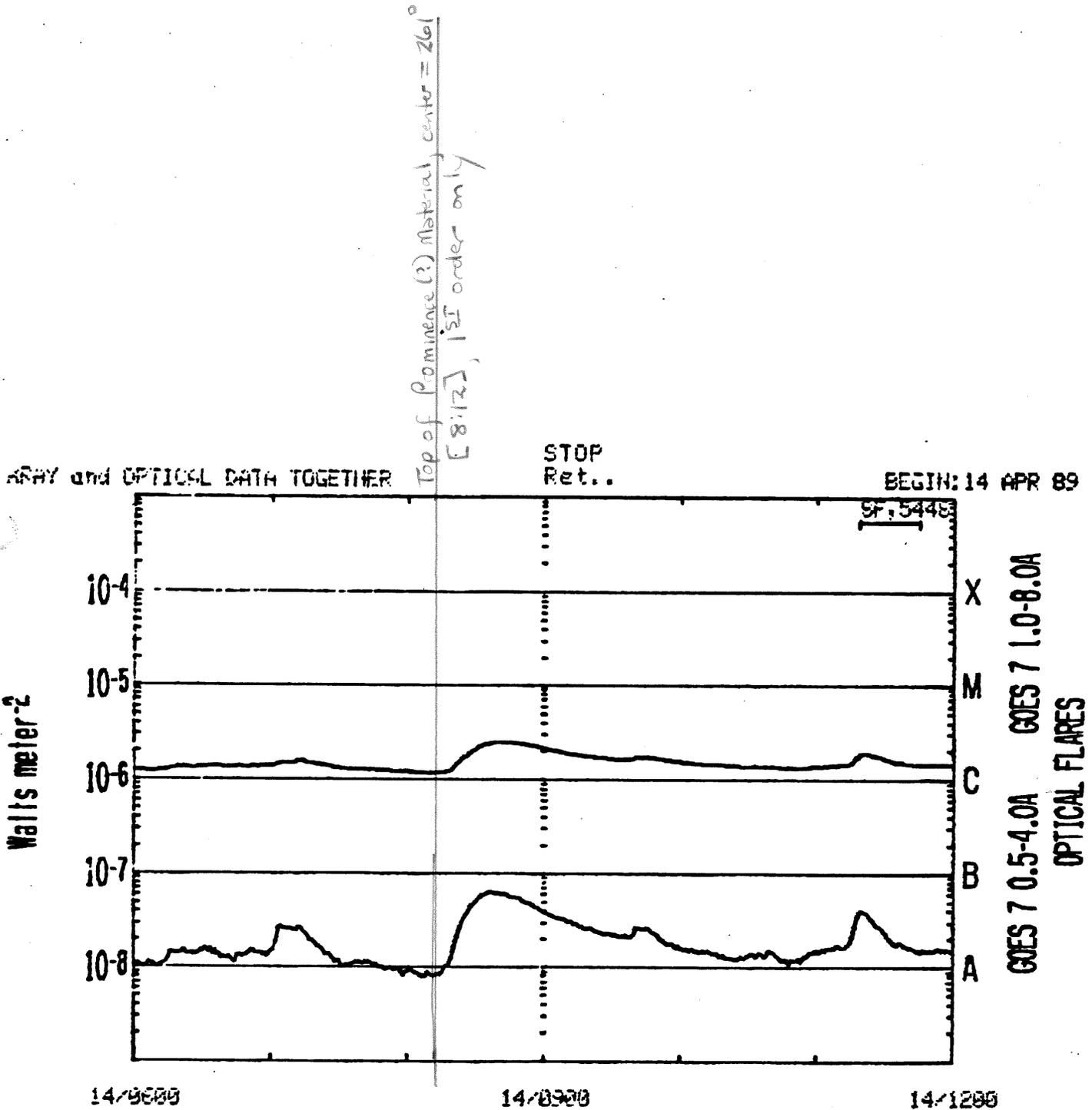


SMM C/P 1989 DOY104 268 +/- 0 degrees



tstart=DOY104 8:12 +/- 0.0 [min.]
radial velocity= 689. +/- 0. [km/sec]

1989 Day 104



SAA's
NIGHT

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

RUN: 1711UT
15 APR 89

This is a 1 order run

INPUT:

year	day	time	radii	radius	error in	angle	error in	datatype
1989	104	8:54:9	3.60	+/- 0.10	268.0	+/- 1.0	SMM	
1989	104	9: 2:34	4.10	+/- 0.10	268.0	+/- 1.0	SMM	

Structure being measured:
Top of ~~(Prominence?)~~ Material = *Torques?*

OUTPUT:

START TIME:

Event began at $t = 0 + -0.396E+02 +/- 0.000E+00$ [minutes]
In more convenient units:
Event began at DOY 104 8:12 +/- 0.000E+00 [minutes]

Origin defined at DOY104 8:50

RADIAL INFORMATION:

RADIAL VELOCITY = 689. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

$c(1) = 0.335E+01 +/- 0.750E-06$ [solar radii]
 $c(2) = 0.594E-01 +/- 0.801E-07$ [radii/min]
 $c(2) = 0.689E+03 +/- 0.929E-03$ [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:

$a(1) = 268. +/- 0.$ [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 8:54 = 0. km/sec

The TOTAL velocity at 8:54 = 689. km/sec

The TANGENTIAL velocity at 9: 2 = 0. km/sec

The TOTAL velocity at 9: 2 = 689. 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!