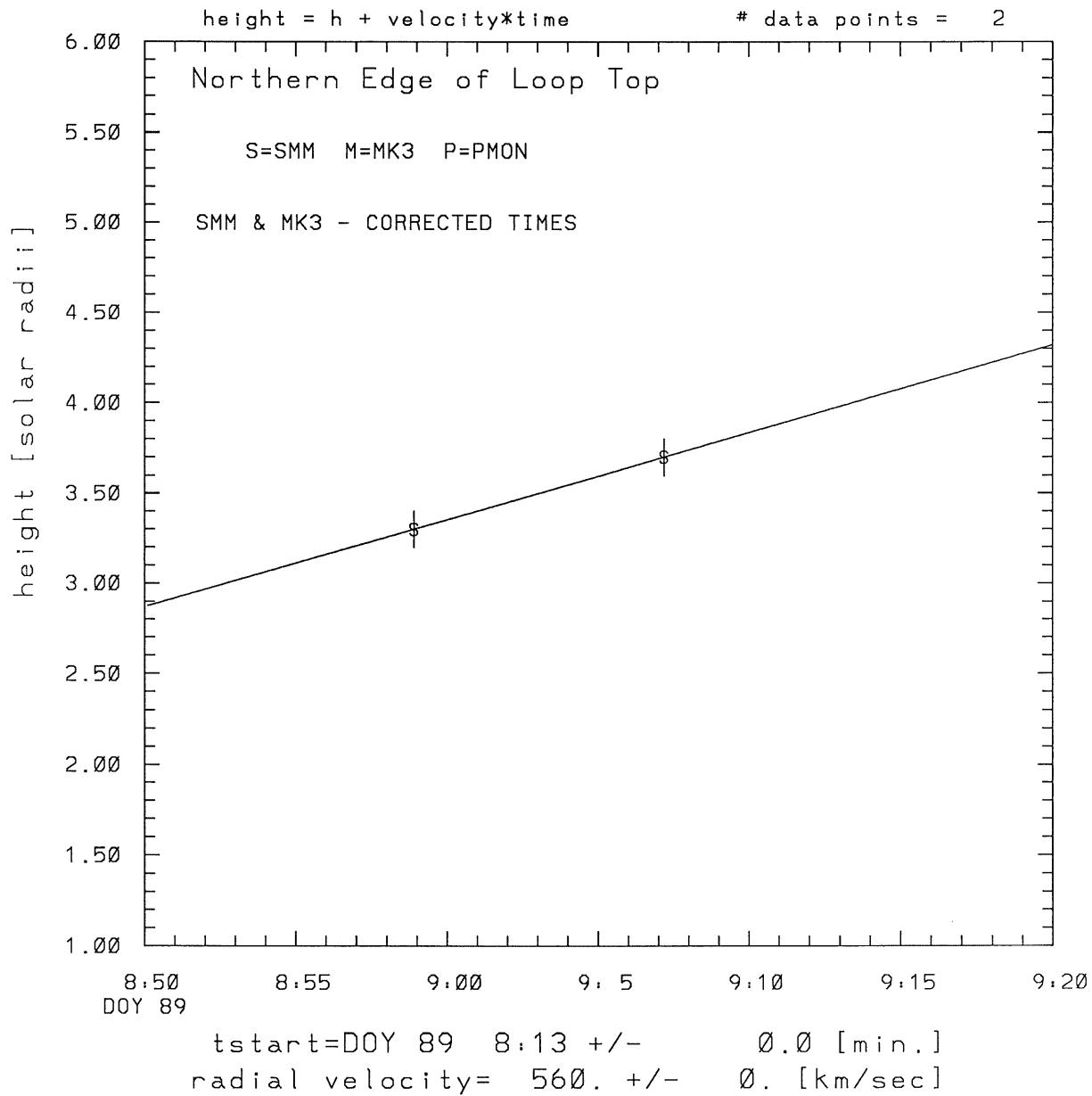




SMM C/P 1989 DOY 89 337 +/- 0 degrees



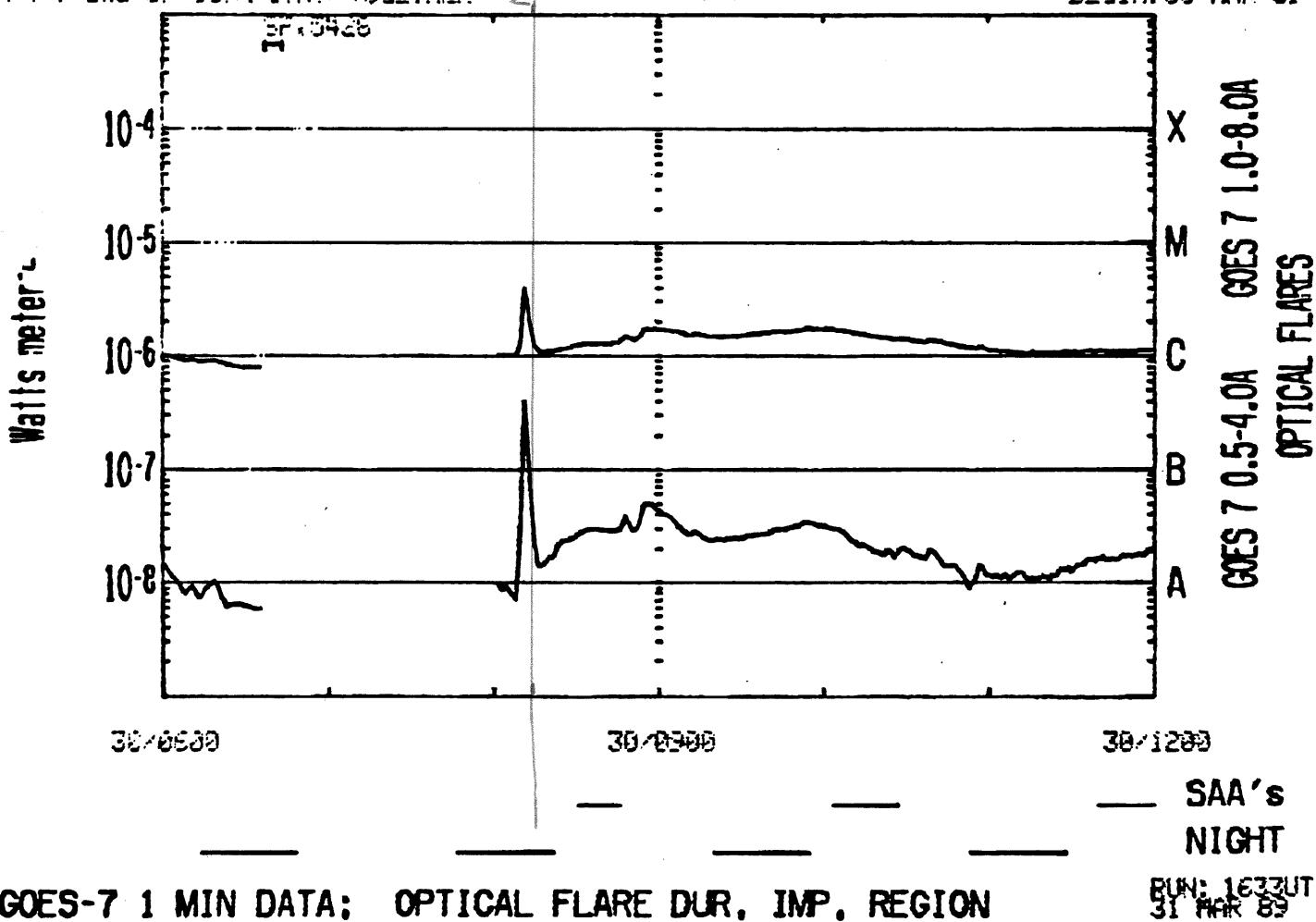
1989 Day 089

Northern Edge of Loop Top, center $\approx 300^\circ$
[813], SI order only

STOP
Ret..

BEGIN: 30 MAR 89

IRAF and OPTICAL DATA TOGETHER



This is a 1 order run

INPUT:

year	doy	time	radii	radius	error in angle	error in angle	datatype
1989	89	8:58:54	3.30	+/- 0.10	337.0	+/- 1.0	SMM
1989	89	9: 7:11	3.70	+/- 0.10	337.0	+/- 1.0	SMM

Structure being measured:

Northern Edge of Loop Top

OUTPUT:

START TIME:

Event began at t = 0 + -0.387E+02 +/- 0.000E+00 [minutes]

In more convenient units:

Event began at DOY 89 8:13 +/- 0.000E+00 [minutes]

Origin defined at DOY 89 8:50

RADIAL INFORMATION:

RADIAL VELOCITY = 560. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.287E+01 +/- 0.000E+00 [solar radii]
c(2) = 0.483E-01 +/- 0.000E+00 [radii/min]
c(2) = 0.560E+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) = 337. +/- 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 8:58 = 0. km/sec

The TOTAL velocity at 8:58 = 560. km/sec

The TANGENTIAL velocity at 9: 7 = 0. km/sec

The TOTAL velocity at 9: 7 = 560. 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!