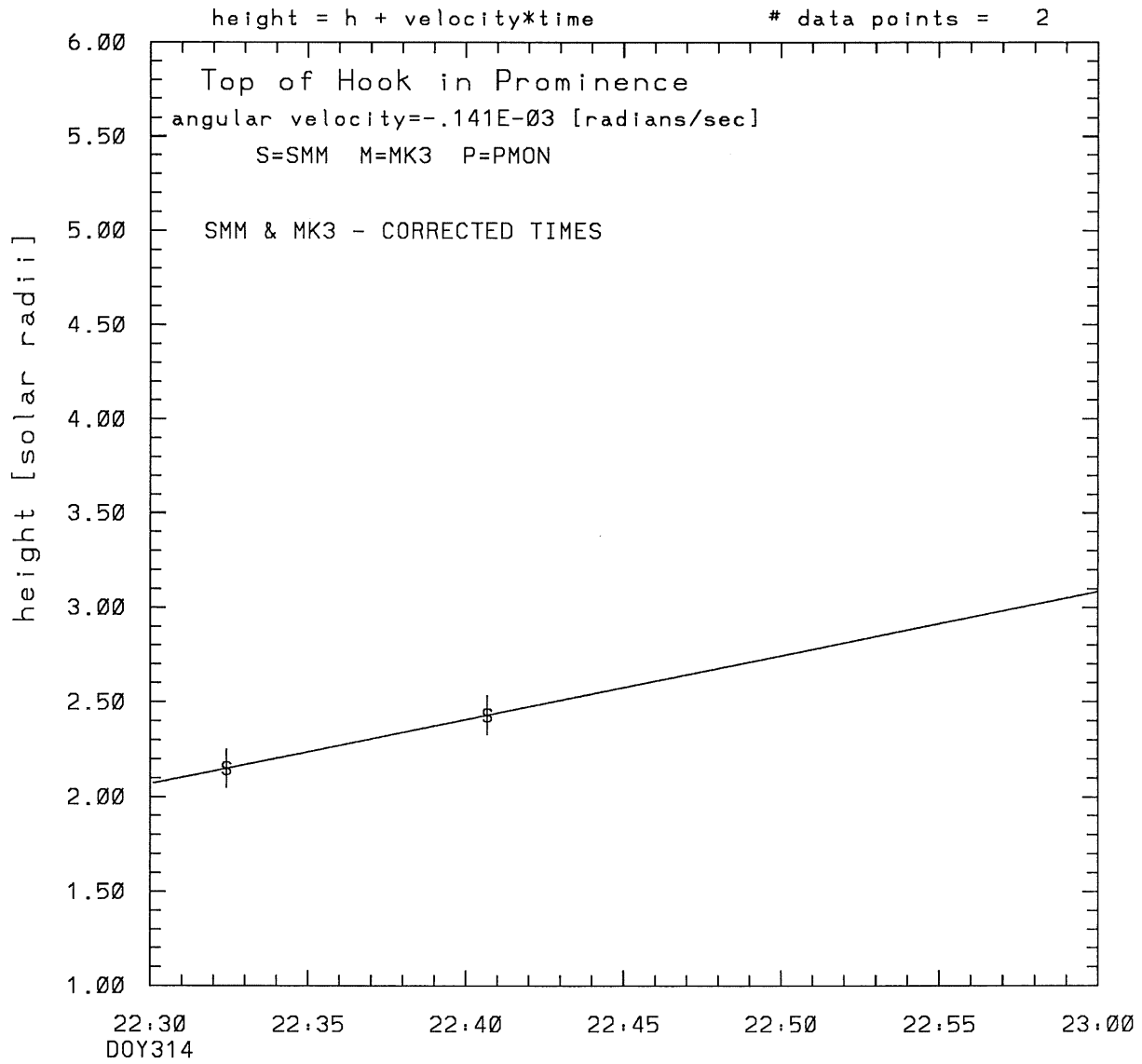


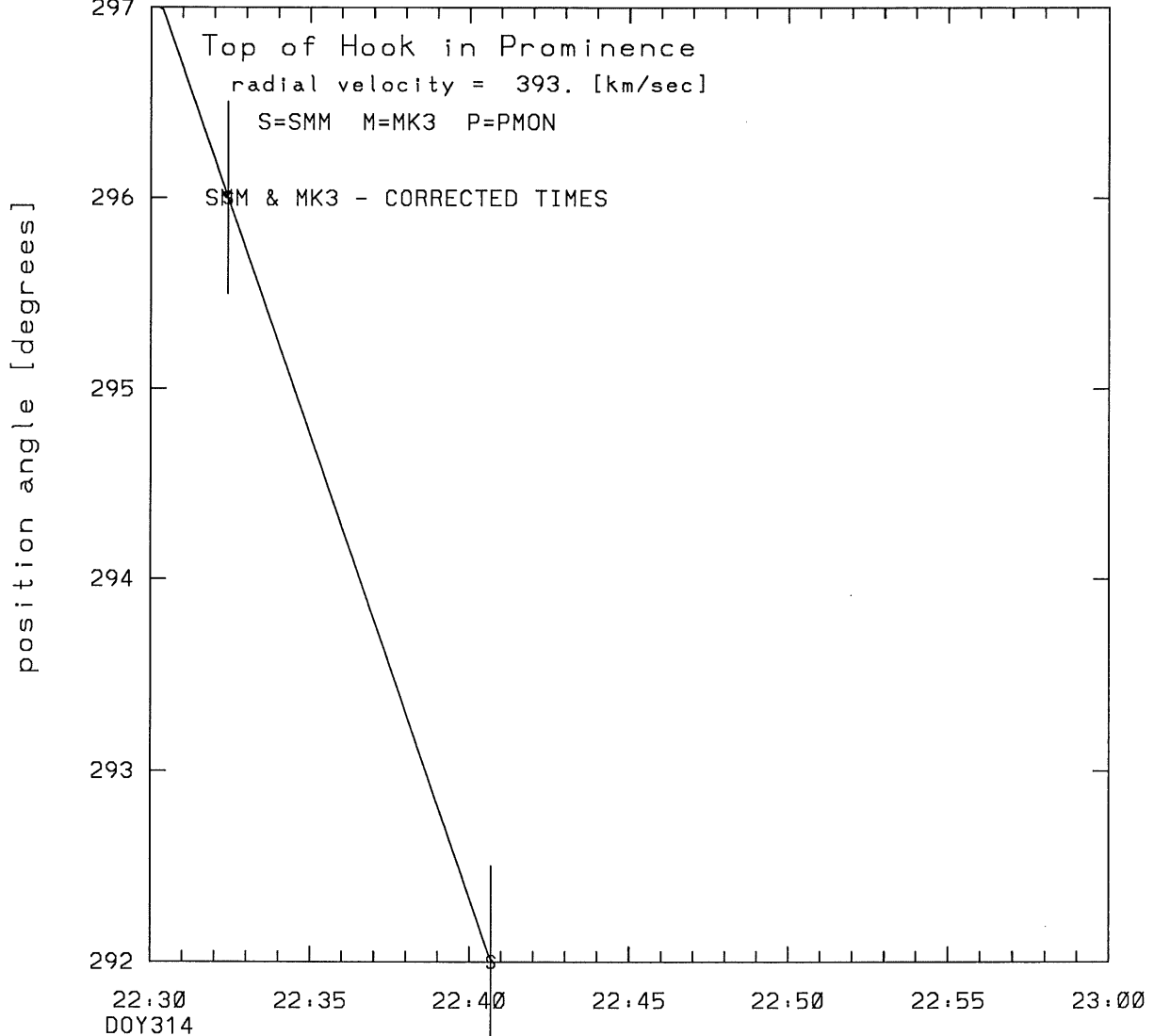
SMM C/P 1987 DOY314 294 +/- 2 degrees



tstart=DOY314 22: 0 +/- 0.0 [min.]
radial velocity= 393. +/- 0. [km/sec]

SMM C/P 1987 DOY314 294 +/- 2 degrees

angle = initial angle + angular velocity * time # data points = 2



tstart=DOY314 22: 0 +/- 0.0 [min.]
angular velocity=-.141E-03 +/- 0.000E+00 [rad/sec]

This is a 1 order run

INPUT:

year	day	time	radii	radius	error in angle	error in angle	datatype
1987	314	22:32:25	2.15 +/-	0.10	296.0 +/-	0.5	SMM
1987	314	22:40:41	2.43 +/-	0.10	292.0 +/-	0.5	SMM

Structure being measured:
Top of Hook (in Prominence)

OUTPUT:

START TIME:

Event began at t = 0 + -0.315E+02 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 314 22:00 +/- 0.000E+00 [minutes]
Event began at DOY 314 22: 0 +/- 0.000E+00 [minutes]
Origin defined at DOY314 22:30

RADIAL INFORMATION:

RADIAL VELOCITY = 393. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.207E+01 +/- 0.184E-05 [solar radii]
c(2) = 0.339E-01 +/- 0.238E-06 [radii/min]
c(2) = 0.393E+03 +/- 0.276E-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 = -0.1408E-03 +/- 0.0000E+00 [radians/sec]

The computed ANGULAR coefficients and errors FROM NLLST2 are:

a(1) = 297. +/- 0. [degrees]
a(2) = -0.484E+00 +/- 0.000E+00 [degrees/min]
a(2) = -0.141E-03 +/- 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 22:32 = 393. km/sec

The RADIAL velocity at 22:40 = 393. 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!