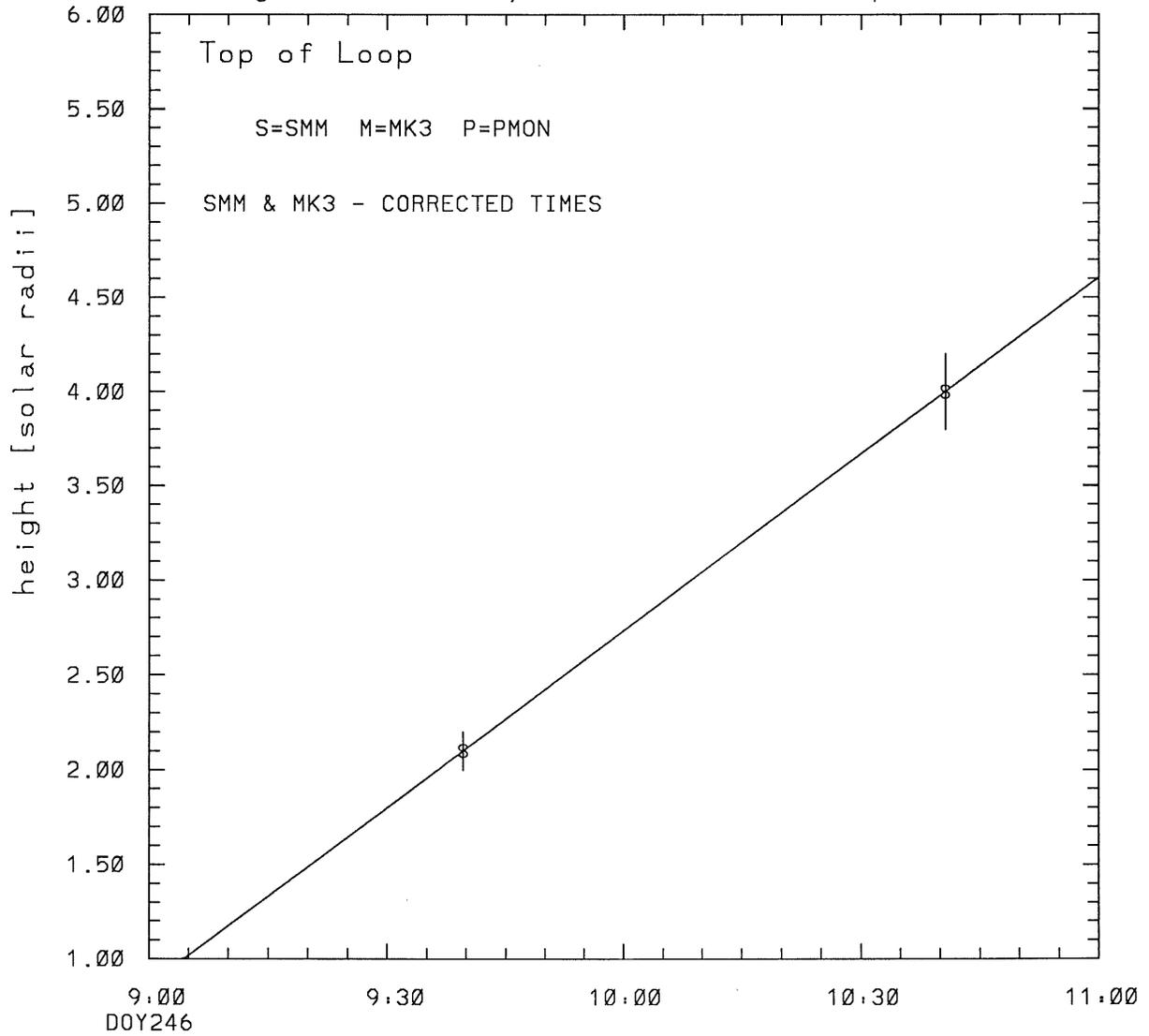


SMM C/P 1987 DOY246 100 +/- 0 degrees

height = h + velocity*time

data points = 2



tstart=DOY246 9: 4 +/- 0.0 [min.]
radial velocity= 362. +/- 0. [km/sec]

This is a 1 order run

INPUT:

year	day	time	radii	error in radius	angle	error in angle	datatype
1987	246	9:39:39	2.10	+/- 0.10	100.0	+/- 0.5	SMM
1987	246	10:40:36	4.00	+/- 0.20	100.0	+/- 1.0	SMM

Structure being measured:

Top of Loop

OUTPUT:

START TIME:

Event began at $t = 0 + 0.436E+01 \pm 0.000E+00$ [minutes]

In more convenient units:

Event began at DOY 246 9: 4 $\pm 0.000E+00$ [minutes]

Origin defined at DOY246 9: 0

RADIAL INFORMATION:

RADIAL VELOCITY = $362. \pm 0.$ km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

$c(1) = 0.864E+00 \pm 0.396E-06$ [solar radii]
 $c(2) = 0.312E-01 \pm 0.691E-08$ [radii/min]
 $c(2) = 0.362E+03 \pm 0.802E-04$ [km/sec]
 $c(3) = 0.000E+00 \pm 0.000E+00$ [radii/min**2]
 $c(3) = 0.000E+00 \pm 0.000E+00$ [km/sec**2]

ANGULAR INFORMATION:

ANGULAR VELOCITY = $0.0000E+00 \pm 0.0000E+00$ [radians/sec]

The computed ANGULAR coefficients and errors FROM NLLST2 are:

$a(1) = 100. \pm 0.$ [degrees]
 $a(2) = 0.000E+00 \pm 0.000E+00$ [degrees/min]
 $a(2) = 0.000E+00 \pm 0.000E+00$ [rad/sec]
 $a(3) = 0.000E+00 \pm 0.000E+00$ [degrees/min**2]
 $a(3) = 0.000E+00 \pm 0.000E+00$ [rad/sec**2]

THE TANGENTIAL AND TOTAL VELOCITIES AT EACH DATA POINT ARE:

The TANGENTIAL velocity at 9:39 = 0.000E+00 km/sec

The TOTAL velocity at 9:39 = 362. km/sec

The TANGENTIAL velocity at 10:40 = 0.000E+00 km/sec

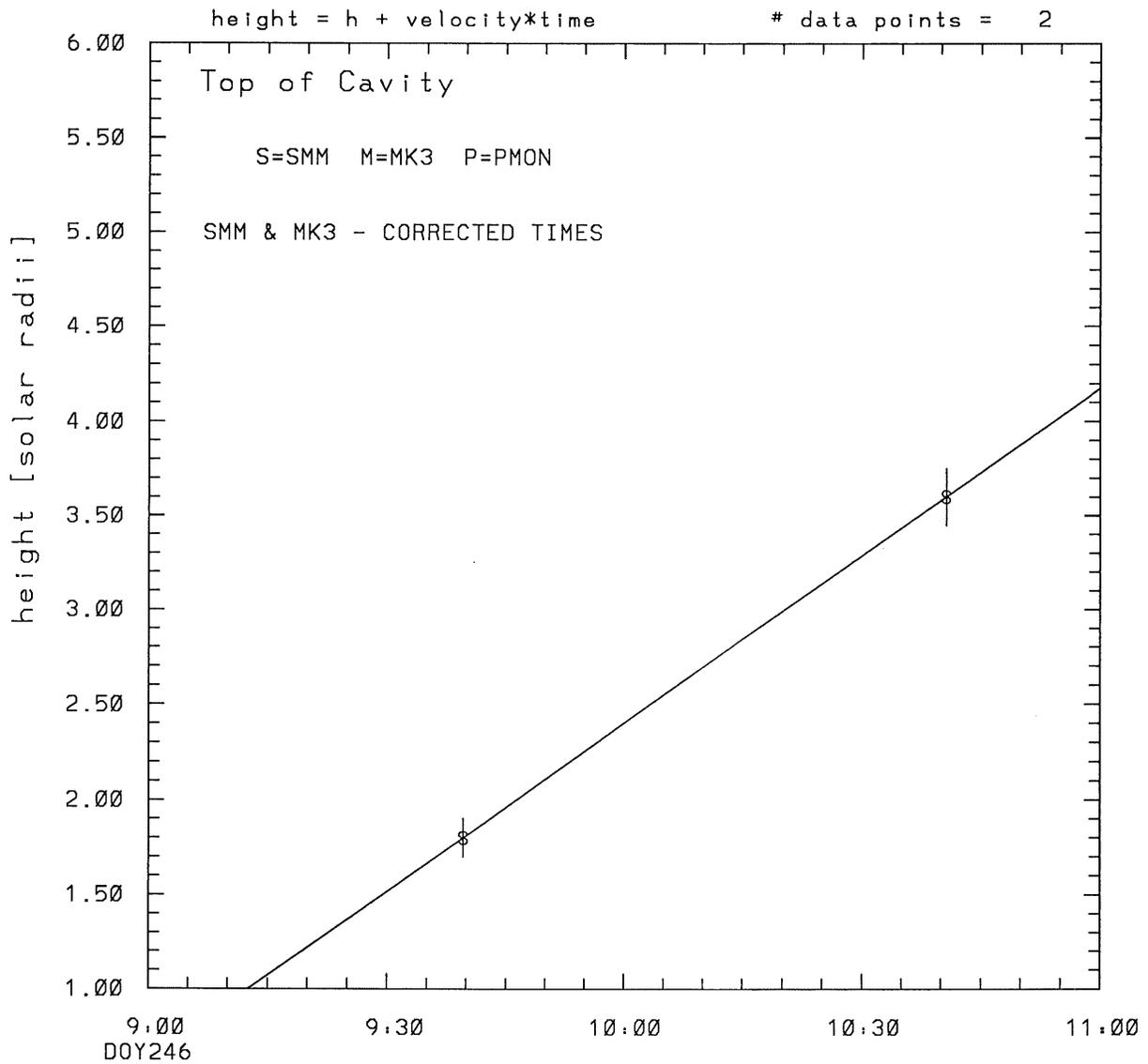
The TOTAL velocity at 10:40 = 362. km/sec

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!

SMM C/P 1987 DOY246 100 +/- 0 degrees



tstart=DOY246 9:13 +/- 0.0 [min.]
radial velocity= 343. +/- 0. [km/sec]

This is a 1 order run

INPUT:

year	day	time	radii	error in radius	angle	error in angle	datatype
1987	246	9:39:39	1.80	+/- 0.10	100.0	+/- 0.5	SMM
1987	246	10:40:36	3.60	+/- 0.15	100.0	+/- 1.0	SMM

Structure being measured:
Top of Cavity

OUTPUT:

START TIME:

Event began at $t = 0 + 0.126E+02 \pm 0.000E+00$ [minutes]
In more convenient units:
Event began at DOY 246 9:13 +/- 0.000E+00 [minutes]

Origin defined at DOY246 9: 0

RADIAL INFORMATION:

RADIAL VELOCITY = 343. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

$c(1) = 0.629E+00 \pm 0.000E+00$ [solar radii]
 $c(2) = 0.295E-01 \pm 0.000E+00$ [radii/min]
 $c(2) = 0.343E+03 \pm 0.000E+00$ [km/sec]
 $c(3) = 0.000E+00 \pm 0.000E+00$ [radii/min**2]
 $c(3) = 0.000E+00 \pm 0.000E+00$ [km/sec**2]

ANGULAR INFORMATION:

ANGULAR VELOCITY = $0.0000E+00 \pm 0.0000E+00$ [radians/sec]

The computed ANGULAR coefficients and errors FROM NLLST2 are:

$a(1) = 100. \pm 0.$ [degrees]
 $a(2) = 0.000E+00 \pm 0.000E+00$ [degrees/min]
 $a(2) = 0.000E+00 \pm 0.000E+00$ [rad/sec]
 $a(3) = 0.000E+00 \pm 0.000E+00$ [degrees/min**2]
 $a(3) = 0.000E+00 \pm 0.000E+00$ [rad/sec**2]

THE TANGENTIAL AND TOTAL VELOCITIES AT EACH DATA POINT ARE:

The TANGENTIAL velocity at 9:39 = 0.000E+00 km/sec

The TOTAL velocity at 9:39 = 343. km/sec

The TANGENTIAL velocity at 10:40 = 0.000E+00 km/sec

The TOTAL velocity at 10:40 = 343. 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!