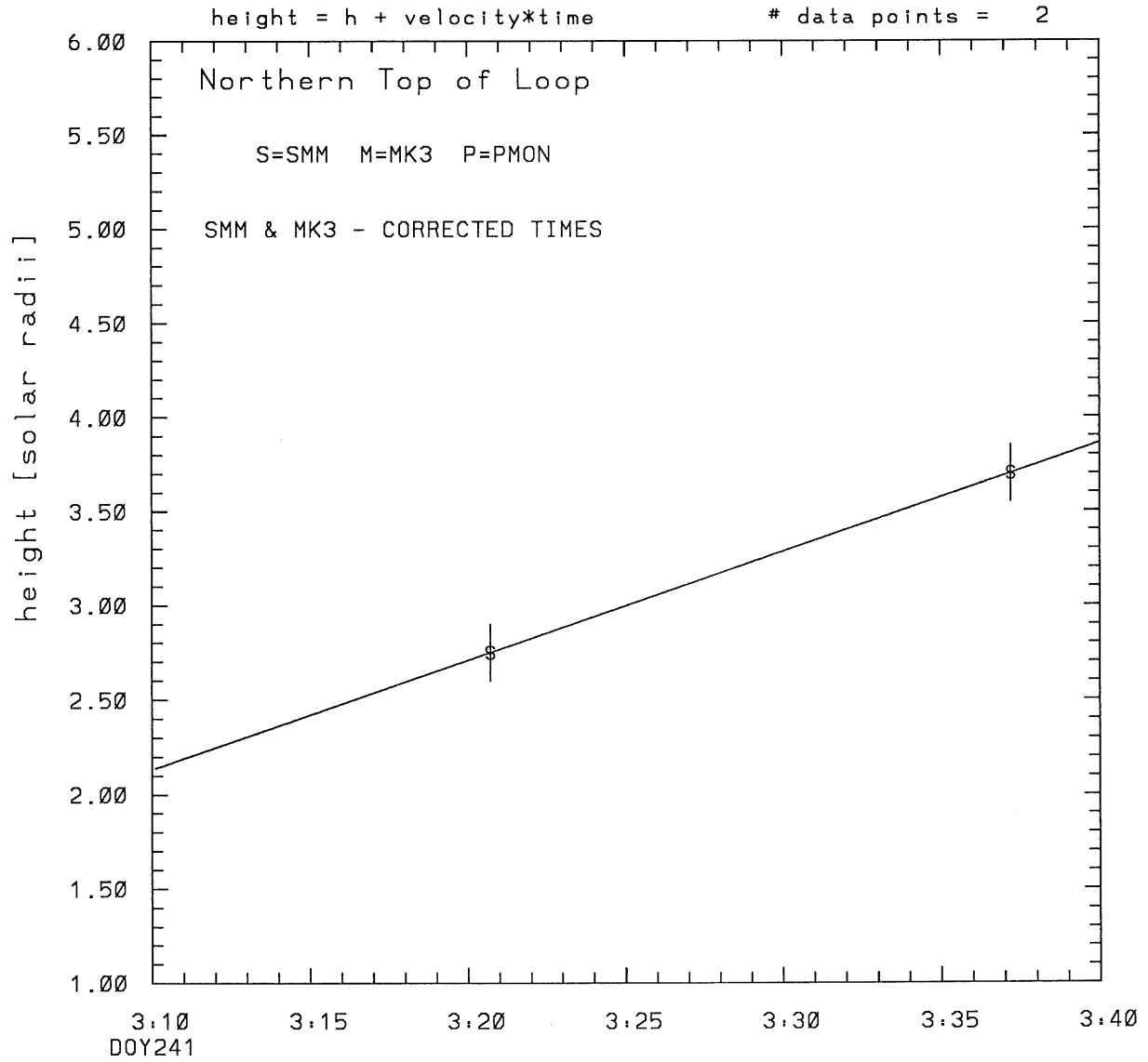


SMM C/P 1987 DOY241 295 +/- 0 degrees



tstart=DOY241 2:52 +/- 0.0 [min.]
radial velocity= 669. +/- 0. [km/sec]

This is a 1 order run

INPUT:

year	day	time	radii	error in radius	angle	error in angle	datatype
1987	241	3:20:43	2.75	+/- 0.15	295.0	+/- 0.5	SMM
1987	241	3:37:12	3.70	+/- 0.15	295.0	+/- 1.0	SMM

Structure being measured:
Northern Top of Loop

OUTPUT:

START TIME:

Event began at $t = 0 + -0.196E+02 \pm 0.000E+00$ [minutes]
In more convenient units:
Event began at DOY 241 2:52 +/- 0.000E+00 [minutes]

Origin defined at DOY241 3:10

RADIAL INFORMATION:

RADIAL VELOCITY = 669. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

$c(1) = 0.213E+01 \pm 0.946E-06$ [solar radii]
 $c(2) = 0.576E-01 \pm 0.457E-07$ [radii/min]
 $c(2) = 0.669E+03 \pm 0.531E-03$ [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 +/- 0.0000E+00[radians/sec]

The computed ANGULAR coefficients and errors FROM NLLST2 are:

$a(1) = 295. \pm 0.$ [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 3:20 = 0.000E+00 km/sec

The TOTAL velocity at 3:20 = 669. km/sec

The TANGENTIAL velocity at 3:37 = 0.000E+00 km/sec

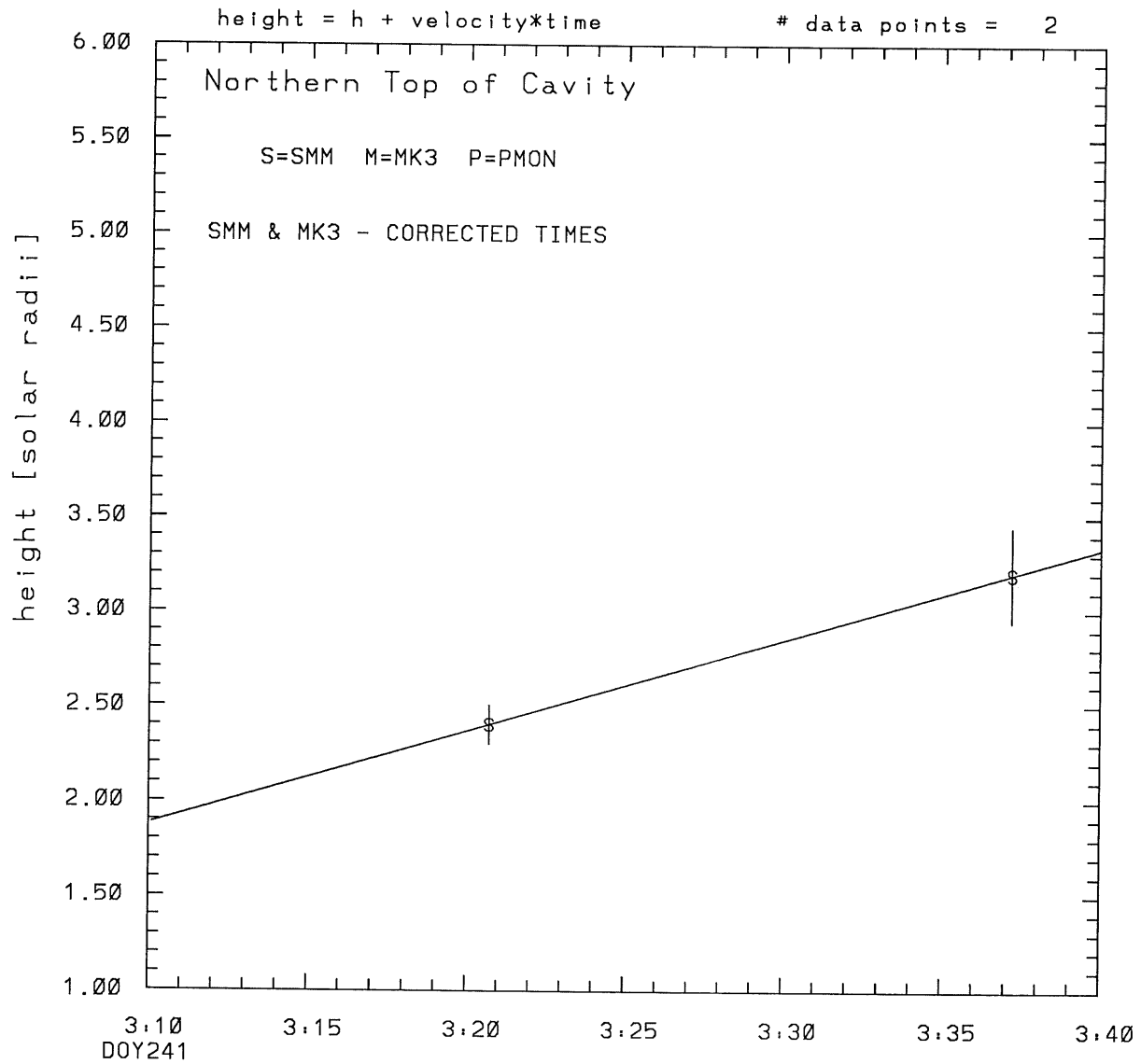
The TOTAL velocity at 3:37 = 669. km/sec

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 DOY241 295 +/- 0 degrees



tstart=DOY241 2:52 +/- 0.0 [min.]
radial velocity= 563. +/- 0. [km/sec]

This is a 1 order run

INPUT:

year	day	time	radii	error in radius	angle	error in angle	datatype
1987	241	3:20:43	2.40	+/- 0.10	295.0	+/- 0.5	SMM
1987	241	3:37:12	3.20	+/- 0.25	295.0	+/- 1.0	SMM

Structure being measured:

Northern Top of Cavity

OUTPUT:

START TIME:

Event began at $t = 0 + -0.181E+02 +/- 0.000E+00$ [minutes]

In more convenient units:

Event began at DOY 241 2:52 +/- 0.000E+00 [minutes]

Origin defined at DOY241 3:10

RADIAL INFORMATION:

RADIAL VELOCITY = 563. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

$c(1) = 0.188E+01 +/- 0.164E-05$ [solar radii]
 $c(2) = 0.485E-01 +/- 0.116E-06$ [radii/min]
 $c(2) = 0.563E+03 +/- 0.134E-02$ [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:

$a(1) = 295. +/- 0.$ [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 3:20 = 0.000E+00 km/sec

The TOTAL velocity at 3:20 = 563. km/sec

The TANGENTIAL velocity at 3:37 = 0.000E+00 km/sec

The TOTAL velocity at 3:37 = 563. 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!