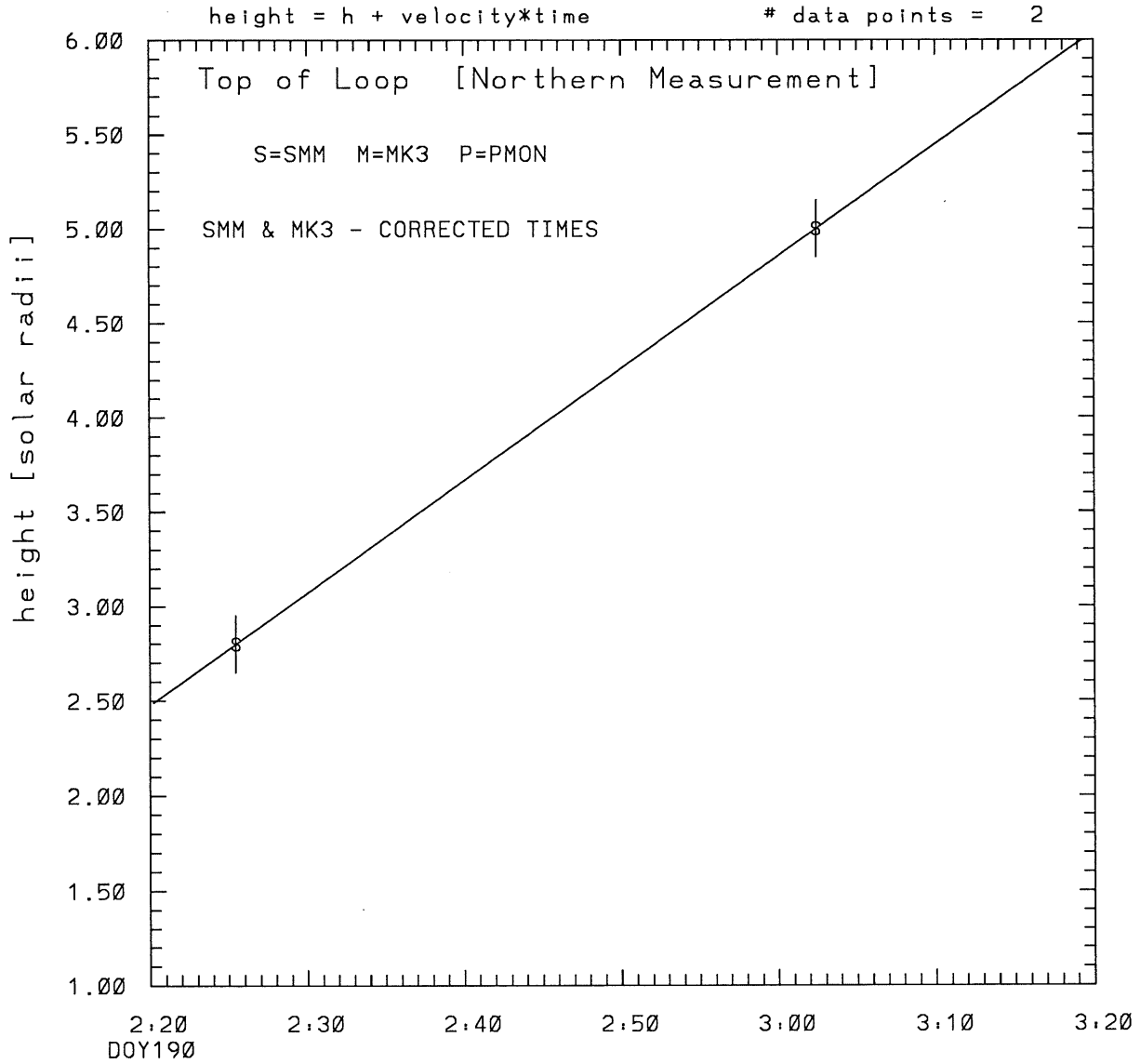


SMM C/P 1985 DOY190 270 +/- 0 degrees



tstart=DOY190 1:57 +/- 0.0 [min.]  
radial velocity= 690. +/- 0. [km/sec]

\*\*\*\*\*

This is a 1 order run

\*\*\*\*\*

\*\*\*\*\*

INPUT:

\*\*\*\*\*

year	day	time	radii	error in radius	angle	error in angle	datatype
1985	190	2:25:27	2.80	+/- 0.15	270.0	+/- 0.5	SMM
1985	190	3: 2:27	5.00	+/- 0.15	270.0	+/- 1.0	SMM

\*\*\*\*\*

Structure being measured:

Top of Loop [Northern Measurement]

\*\*\*\*\*

\*\*\*\*\*

OUTPUT:

\*\*\*\*\*

START TIME:

Event began at t = 0 + -0.248E+02 +/- 0.000E+00 [minutes]

In more convenient units:

Event began at DOY 190 1:57 +/- 0.000E+00 [minutes]

Origin defined at DOY190 2:20

RADIAL INFORMATION:

RADIAL VELOCITY = 690. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.248E+01 +/- 0.617E-06 [solar radii]  
c(2) = 0.595E-01 +/- 0.204E-07 [radii/min]  
c(2) = 0.690E+03 +/- 0.236E-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) = 270. +/- 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 2:25 = 0.000E+00 km/sec

The TOTAL velocity at 2:25 = 690. km/sec

The TANGENTIAL velocity at 3: 2 = 0.000E+00 km/sec

The TOTAL velocity at 3: 2 = 690. km/sec

\*\*\*\*\*

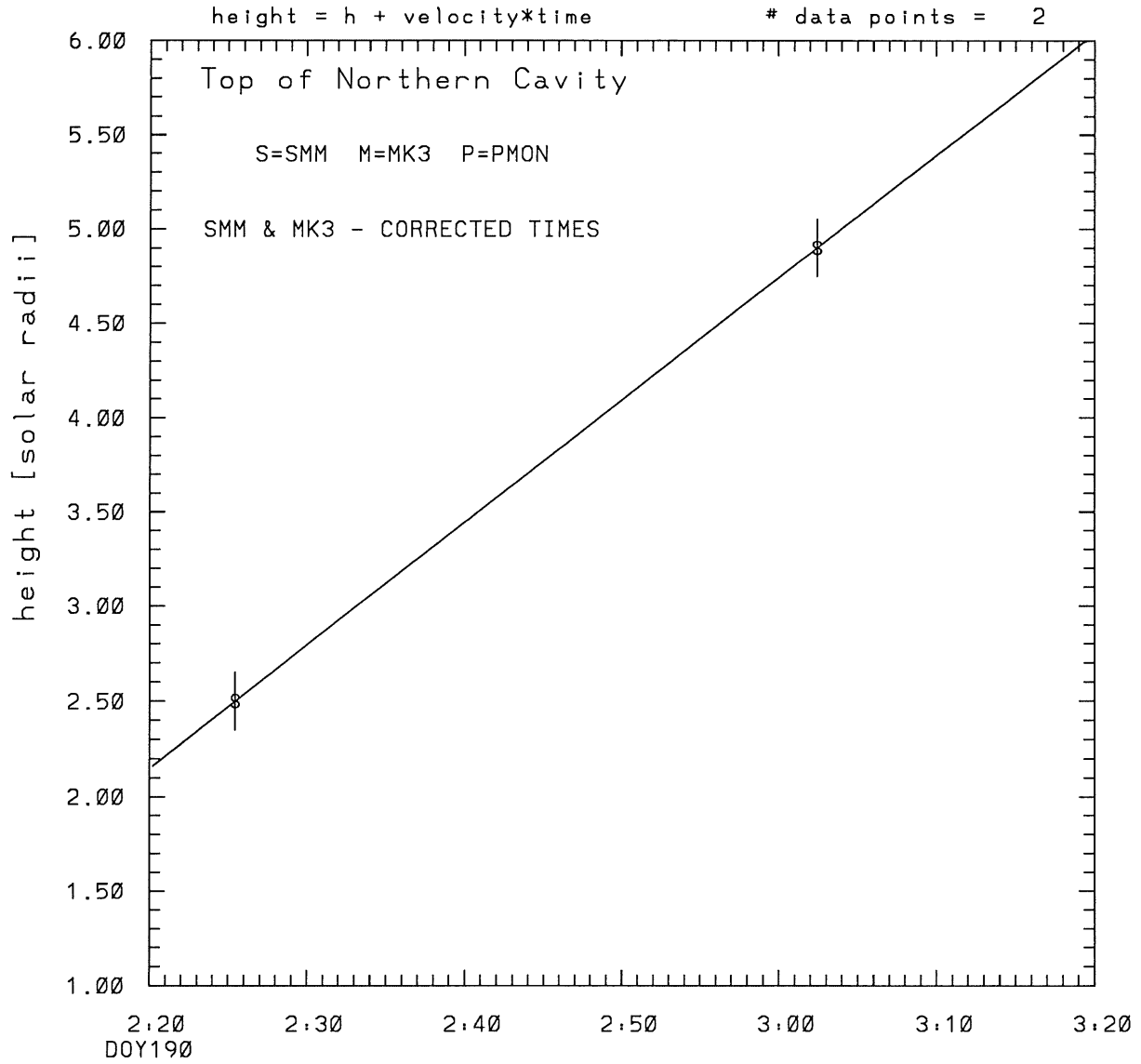
The following info is for estimating goodness of the fit

\*\*\*\*\*

Number data points = number of coefficients. No error analysis is possible.

Correlation coefficient is not computable!

SMM C/P 1985 DOY190 275 +/- 0 degrees



tstart=DOY190 2: 4 +/- 0.0 [min.]  
radial velocity= 752. +/- 0. [km/sec]

\*\*\*\*\*

This is a 1 order run

\*\*\*\*\*

\*\*\*\*\*

INPUT:

\*\*\*\*\*

year	day	time	radii	error in radius	angle	error in angle	datatype
1985	190	2:25:27	2.50	+/- 0.15	275.0	+/- 0.5	SMM
1985	190	3: 2:27	4.90	+/- 0.15	275.0	+/- 1.0	SMM

\*\*\*\*\*

Structure being measured:

Top of Northern Cavity

\*\*\*\*\*

\*\*\*\*\*

OUTPUT:

\*\*\*\*\*

START TIME:

Event began at  $t = 0 + -0.177E+02 \pm 0.000E+00$  [minutes]

In more convenient units:

Event began at DOY 190 2: 4  $\pm 0.000E+00$  [minutes]

Origin defined at DOY190 2:20

RADIAL INFORMATION:

RADIAL VELOCITY = 752.  $\pm$  0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.215E+01  $\pm$  0.994E-06 [solar radii]

c(2) = 0.649E-01  $\pm$  0.329E-07 [radii/min]

c(2) = 0.752E+03  $\pm$  0.381E-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  $\pm$  0.0000E+00 [radians/sec]

The computed ANGULAR coefficients and errors FROM NLLST2 are:

a(1) = 275.  $\pm$  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 2:25 = 0.000E+00 km/sec

The TOTAL velocity at 2:25 = 752. km/sec

The TANGENTIAL velocity at 3: 2 = 0.000E+00 km/sec

The TOTAL velocity at 3: 2 = 752. km/sec

\*\*\*\*\*

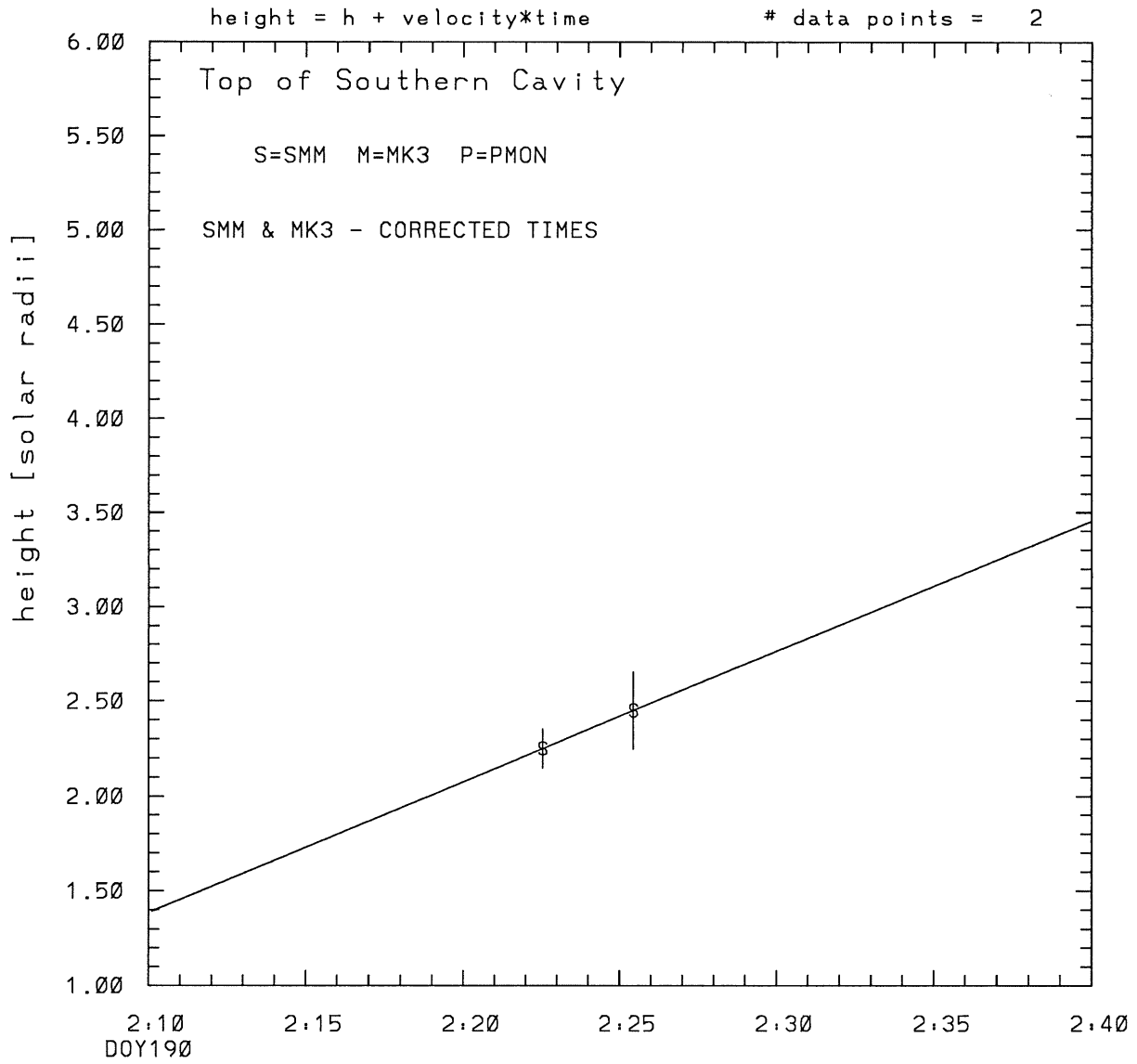
The following info is for estimating goodness of the fit

\*\*\*\*\*

Number data points = number of coefficients. No error analysis is possible.

Correlation coefficient is not computable!

SMM C/P 1985 DOY190 245 +/- 0 degrees



tstart=DOY190 2: 6 +/- 0.0 [min.]  
radial velocity= 800. +/- 0. [km/sec]

\*\*\*\*\*

This is a 1 order run

\*\*\*\*\*

\*\*\*\*\*

INPUT:

\*\*\*\*\*

year	doy	time	radii	error in radius	angle	error in angle	datatype
1985	190	2:22:33	2.25	+/- 0.10	245.0	+/- 0.5	SMM
1985	190	2:25:27	2.45	+/- 0.20	245.0	+/- 0.5	SMM

\*\*\*\*\*

Structure being measured:

Top of Southern Cavity

\*\*\*\*\*

\*\*\*\*\*

OUTPUT:

\*\*\*\*\*

START TIME:

Event began at  $t = 0 + -0.558E+01 \pm 0.000E+00$  [minutes]

In more convenient units:

Event began at DOY 190 2: 6  $\pm 0.000E+00$  [minutes]

Origin defined at DOY190 2:10

RADIAL INFORMATION:

RADIAL VELOCITY = 800.  $\pm$  0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

$c(1) = 0.138E+01 \pm 0.479E-05$  [solar radii]  
 $c(2) = 0.690E-01 \pm 0.363E-06$  [radii/min]  
 $c(2) = 0.800E+03 \pm 0.421E-02$  [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:

$a(1) = 245. \pm 0.$  [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 2:22 = 0.000E+00 km/sec

The TOTAL velocity at 2:22 = 800. km/sec

The TANGENTIAL velocity at 2:25 = 0.000E+00 km/sec

The TOTAL velocity at 2:25 = 800. 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!