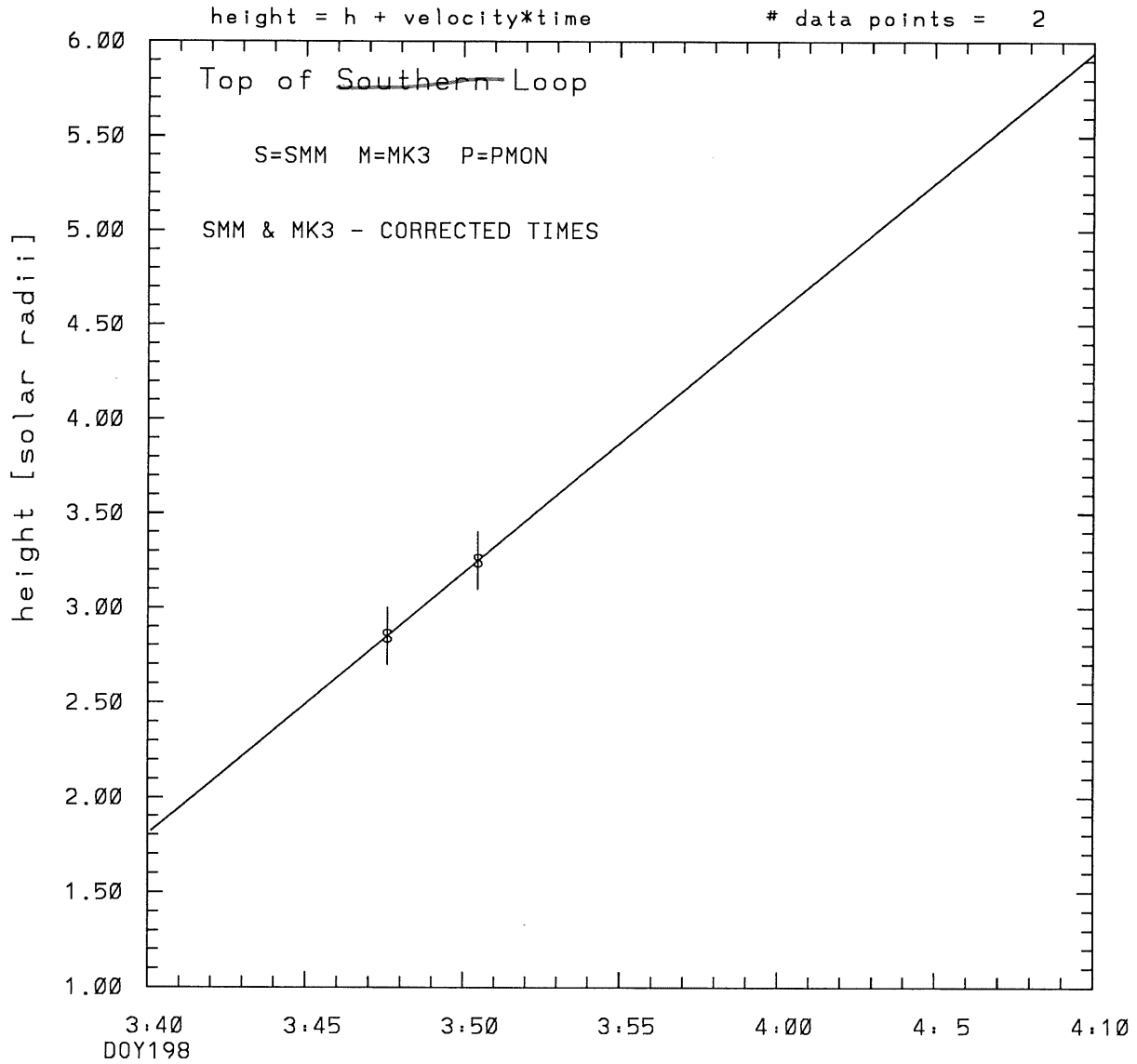


SMM C/P 1985 DOY198 220 +/- 0 degrees



tstart=DOY198 3:36 +/- 0.0 [min.]
radial velocity= 1600. +/- 0. [km/sec]

This is a 1 order run

INPUT:

year	day	time	radii	error in radius	angle	error in angle	datatype
1985	198	3:47:35	2.85	+/- 0.15	220.0	+/- 0.5	SMM
1985	198	3:50:29	3.25	+/- 0.15	220.0	+/- 1.0	SMM

Structure being measured:

Top of Southern Loop

OUTPUT:

START TIME:

Event began at $t = 0 + -0.583E+01 +/- 0.000E+00$ [minutes]

In more convenient units:

Event began at DOY 198 3:36 +/- 0.000E+00 [minutes]

Origin defined at DOY198 3:40

RADIAL INFORMATION:

RADIAL VELOCITY = 1600. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.180E+01 +/- 0.000E+00 [solar radii]
c(2) = 0.138E+00 +/- 0.000E+00 [radii/min]
c(2) = 0.160E+04 +/- 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) = 220. +/- 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 3:47 = 0.000E+00 km/sec

The TOTAL velocity at 3:47 = 1600. km/sec

The TANGENTIAL velocity at 3:50 = 0.000E+00 km/sec

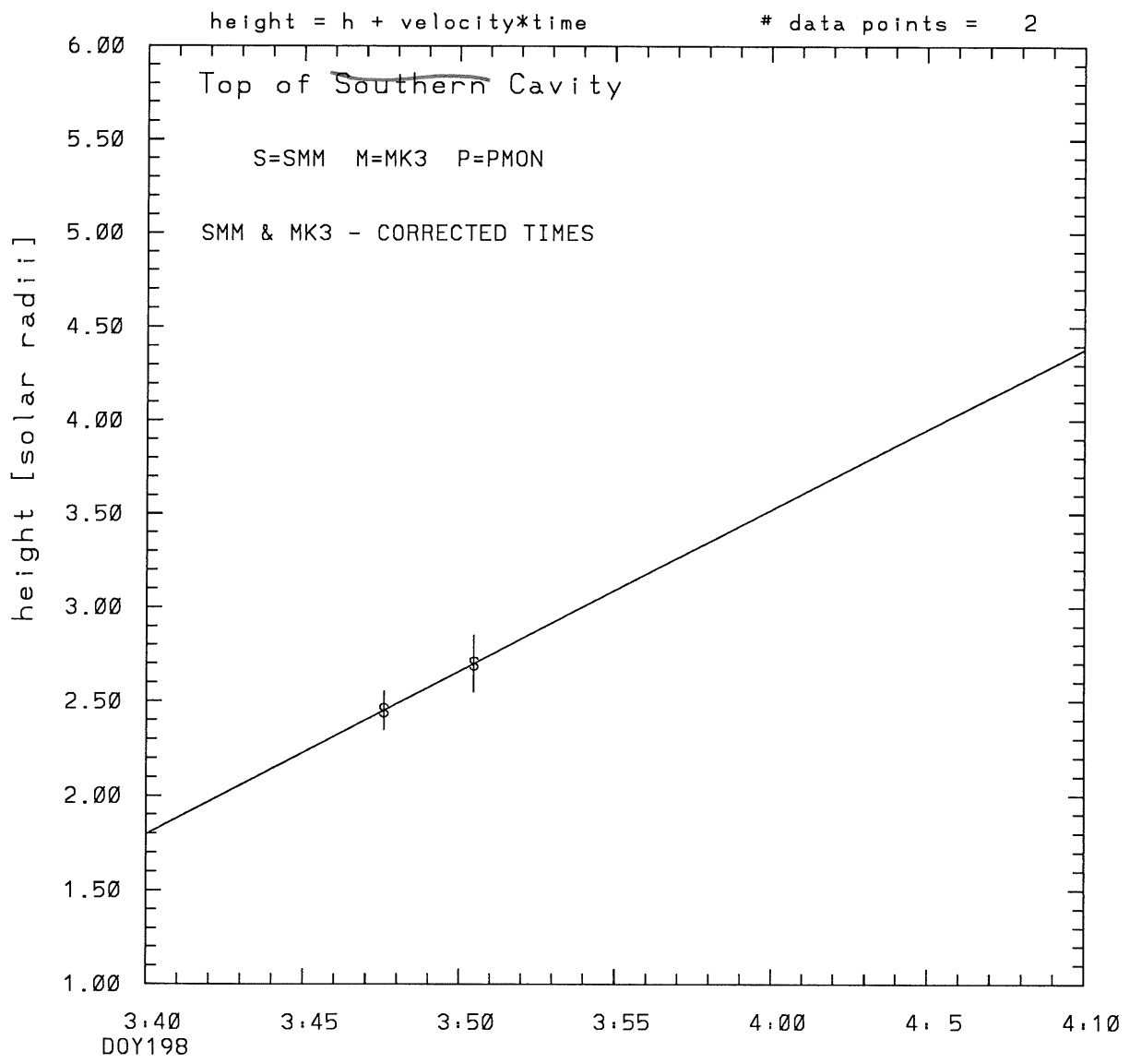
The TOTAL velocity at 3:50 = 1600. km/sec

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 DOY198 220 +/- 0 degrees



tstart=DOY198 3:31 +/- 0.0 [min.]
radial velocity= 1000. +/- 0. [km/sec]

This is a 1 order run

INPUT:

year	doy	time	radii	error in radius	angle	error in angle	datatype
1985	198	3:47:35	2.45	+/- 0.10	220.0	+/- 0.5	SMM
1985	198	3:50:29	2.70	+/- 0.15	220.0	+/- 0.5	SMM

Structure being measured:

Top of ~~Southern~~ Cavity

OUTPUT:

START TIME:

Event began at $t = 0 + -0.924E+01 +/- 0.000E+00$ [minutes]

In more convenient units:

Event began at DOY 198 3:31 +/- 0.000E+00 [minutes]

Origin defined at DOY198 3:40

RADIAL INFORMATION:

RADIAL VELOCITY = 1000. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.180E+01 +/- 0.184E-04 [solar radii]
c(2) = 0.862E-01 +/- 0.214E-05 [radii/min]
c(2) = 0.100E+04 +/- 0.249E-01 [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) = 220. +/- 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 3:47 = 0.000E+00 km/sec

The TOTAL velocity at 3:47 = 1000. km/sec

The TANGENTIAL velocity at 3:50 = 0.000E+00 km/sec

The TOTAL velocity at 3:50 = 1000. 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!