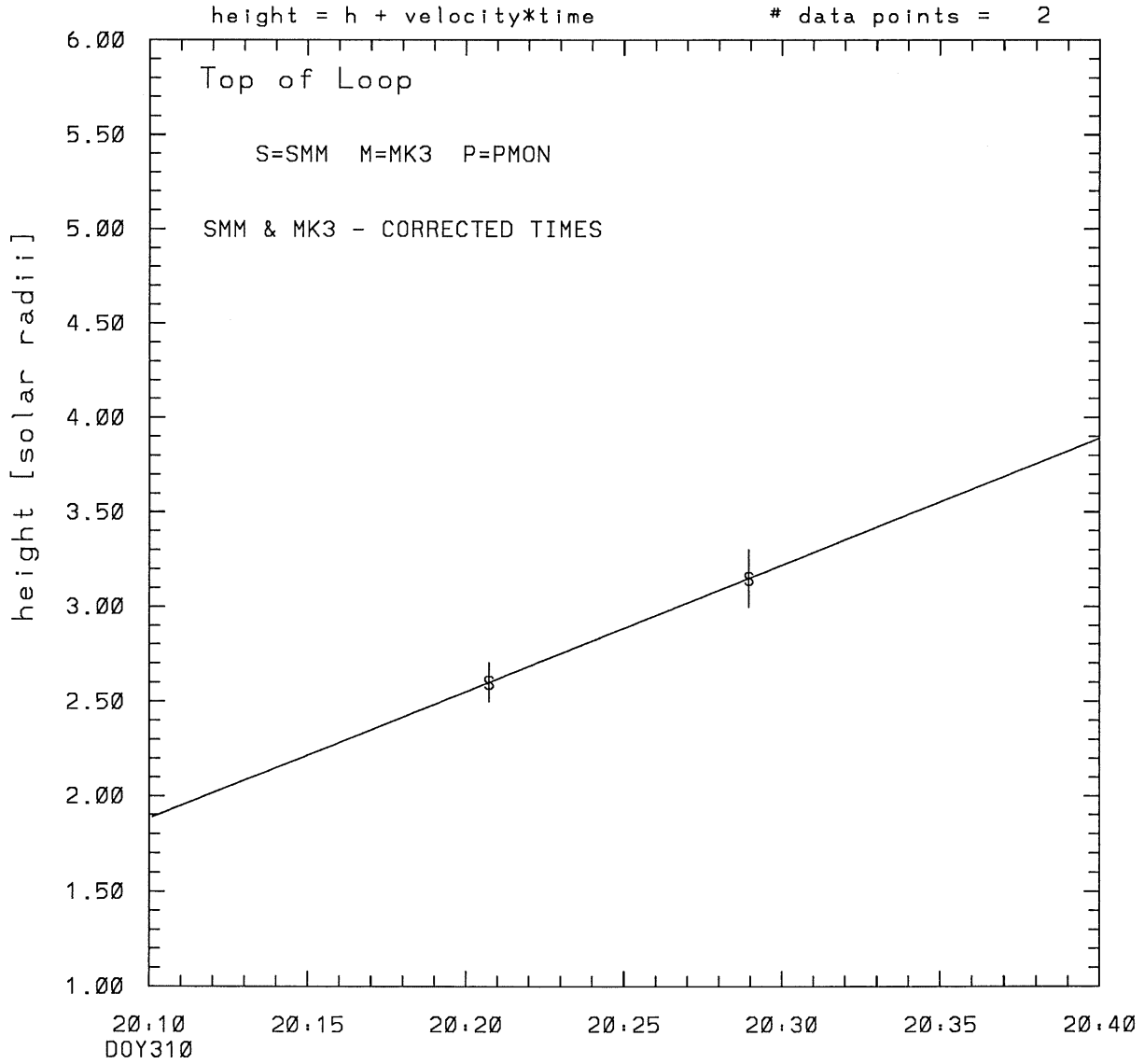


SMM C/P 1987 DOY310 125 +/- 0 degrees



tstart=DOY310 19:57 +/- 0.0 [min.]
radial velocity= 776. +/- 0. [km/sec]

This is a 1 order run

INPUT:

year	doy	time	radii	error in radius	angle	error in angle	datatype
1987	310	20:20:44	2.60	+/- 0.10	125.0	+/- 0.5	SMM
1987	310	20:28:57	3.15	+/- 0.15	125.0	+/- 1.0	SMM

Structure being measured:

Top of Loop

OUTPUT:

START TIME:

Event began at $t = 0 + -0.132E+02 \pm 0.000E+00$ [minutes]

In more convenient units:

Event began at DOY 310 19:57 $\pm 0.000E+00$ [minutes]

Origin defined at DOY310 20:10

RADIAL INFORMATION:

RADIAL VELOCITY = 776. \pm 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

$c(1) = 0.188E+01 \pm 0.137E-05$ [solar radii]
 $c(2) = 0.669E-01 \pm 0.994E-07$ [radii/min]
 $c(2) = 0.776E+03 \pm 0.115E-02$ [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:

$a(1) = 125. \pm 0.$ [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 20:20 = 0.000E+00 km/sec

The TOTAL velocity at 20:20 = 776. km/sec

The TANGENTIAL velocity at 20:28 = 0.000E+00 km/sec

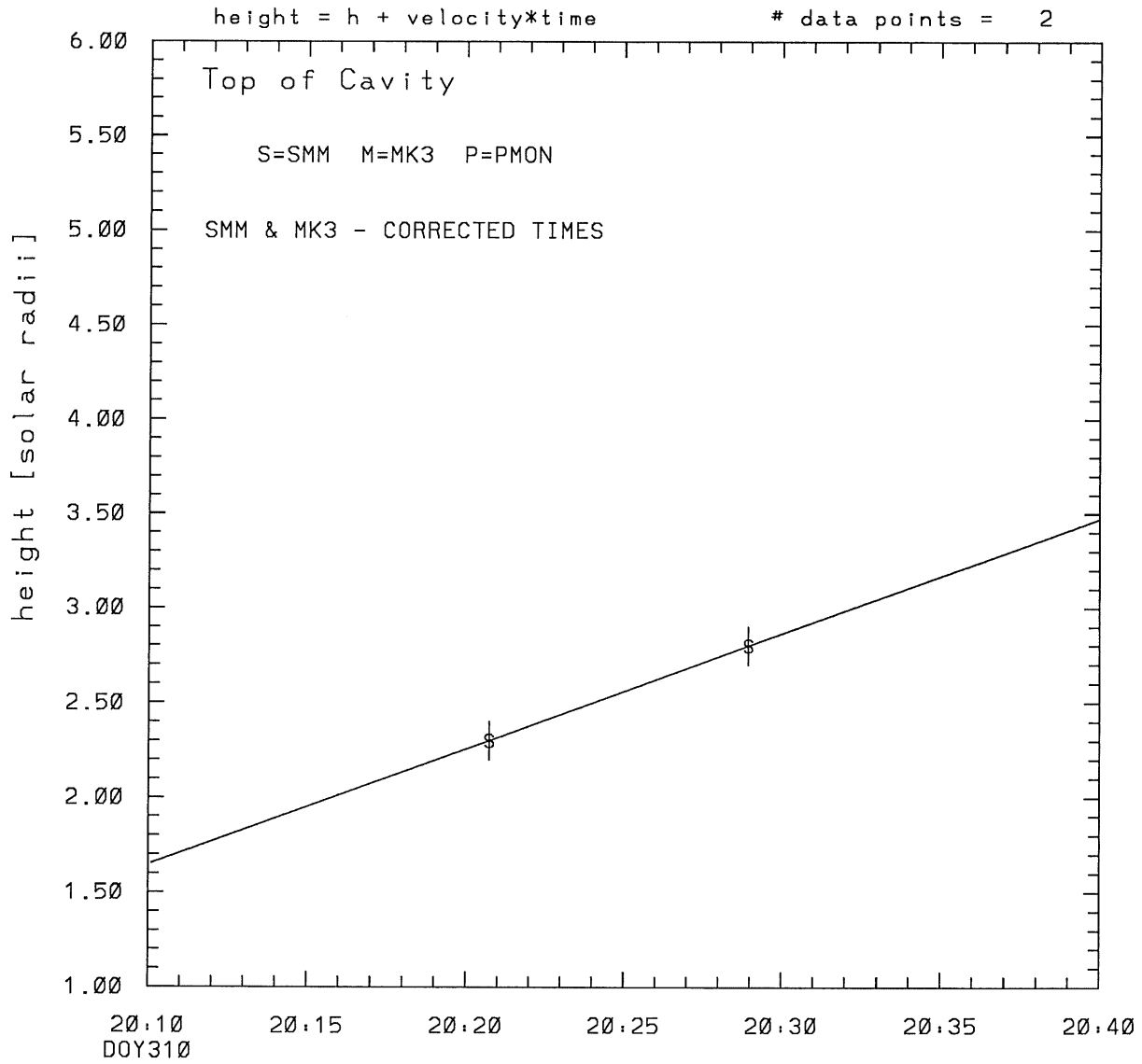
The TOTAL velocity at 20:28 = 776. km/sec

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 DOY310 125 +/- 0 degrees



tstart=DOY310 20: 1 +/- 0.0 [min.]
radial velocity= 706. +/- 0. [km/sec]

This is a 1 order run

INPUT:

year	day	time	radii	error in radius	angle	error in angle	datatype
1987	310	20:20:44	2.30	+/- 0.10	125.0	+/- 0.5	SMM
1987	310	20:28:57	2.80	+/- 0.10	125.0	+/- 0.5	SMM

Structure being measured:
Top of Cavity

OUTPUT:

START TIME:

Event began at $t = 0 + -0.106E+02 +/- 0.000E+00$ [minutes]
In more convenient units:
Event began at DOY 310 20: 1 +/- 0.000E+00 [minutes]

Origin defined at DOY310 20:10

RADIAL INFORMATION:

RADIAL VELOCITY = 706. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

$c(1) = 0.165E+01 +/- 0.632E-06$ [solar radii]
 $c(2) = 0.609E-01 +/- 0.410E-07$ [radii/min]
 $c(2) = 0.706E+03 +/- 0.476E-03$ [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:

$a(1) = 125. +/- 0.$ [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 20:20 = 0.000E+00 km/sec

The TOTAL velocity at 20:20 = 706. km/sec

The TANGENTIAL velocity at 20:28 = 0.000E+00 km/sec

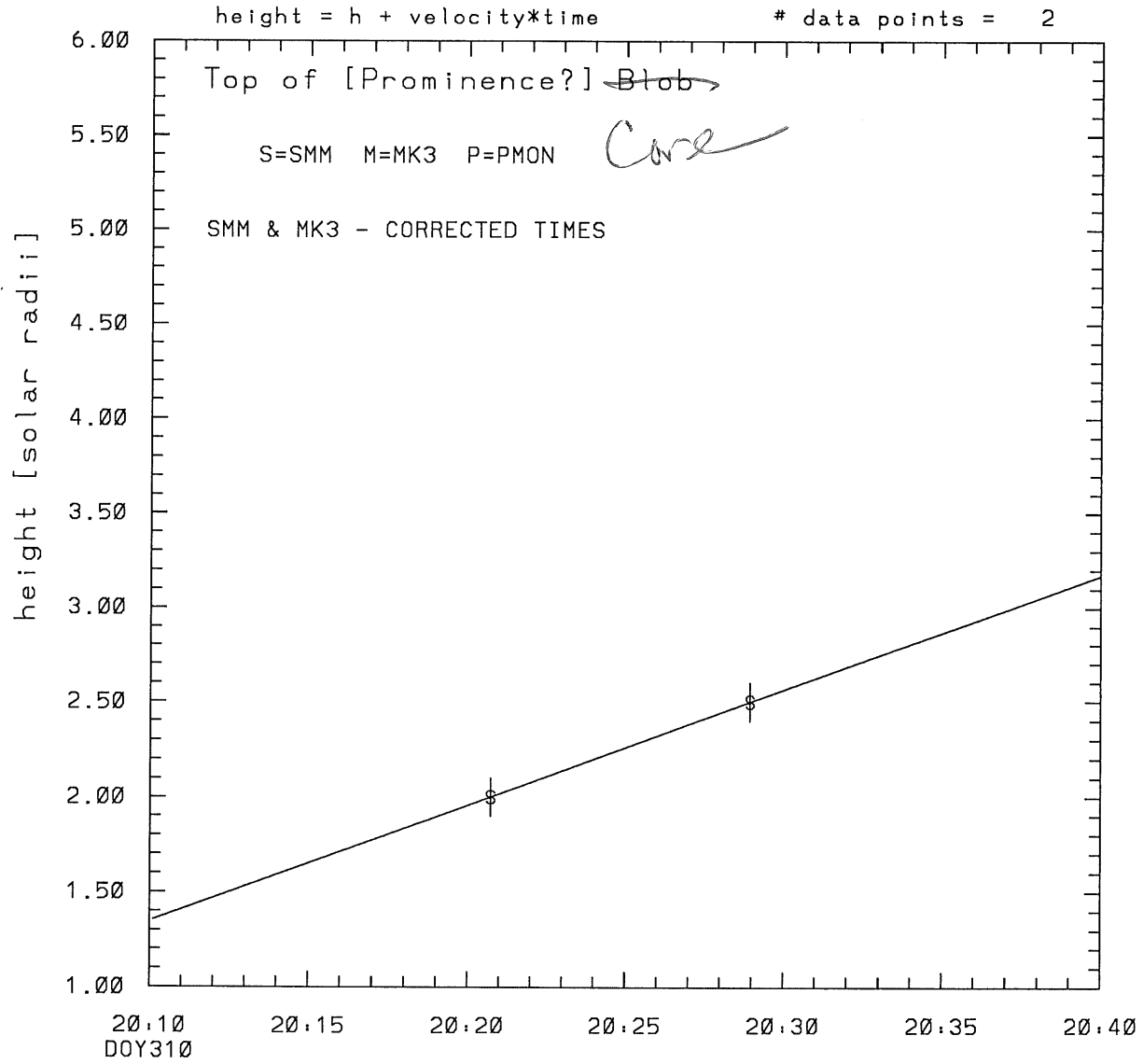
The TOTAL velocity at 20:28 = 706. km/sec

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 DOY310 138 +/- 0 degrees



tstart=DOY310 20: 6 +/- 0.0 [min.]
radial velocity= 706. +/- 0. [km/sec]

This is a 1 order run

INPUT:

year	day	time	radii	error in radius	angle	error in angle	datatype
1987	310	20:20:44	2.00	+/- 0.10	138.0	+/- 0.5	SMM
1987	310	20:28:57	2.50	+/- 0.10	138.0	+/- 0.5	SMM

Structure being measured:
Top of [Prominence?] Blob

OUTPUT:

START TIME:

Event began at $t = 0 + -0.570E+01 +/- 0.000E+00$ [minutes]
In more convenient units:
Event began at DOY 310 20: 6 +/- 0.000E+00 [minutes]

Origin defined at DOY310 20:10

RADIAL INFORMATION:

RADIAL VELOCITY = 706. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

$c(1) = 0.135E+01 +/- 0.632E-06$ [solar radii]
 $c(2) = 0.609E-01 +/- 0.410E-07$ [radii/min]
 $c(2) = 0.706E+03 +/- 0.476E-03$ [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:

$a(1) = 138. +/- 0.$ [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 20:20 = 0.000E+00 km/sec

The TOTAL velocity at 20:20 = 706. km/sec

The TANGENTIAL velocity at 20:28 = 0.000E+00 km/sec

The TOTAL velocity at 20:28 = 706. 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!