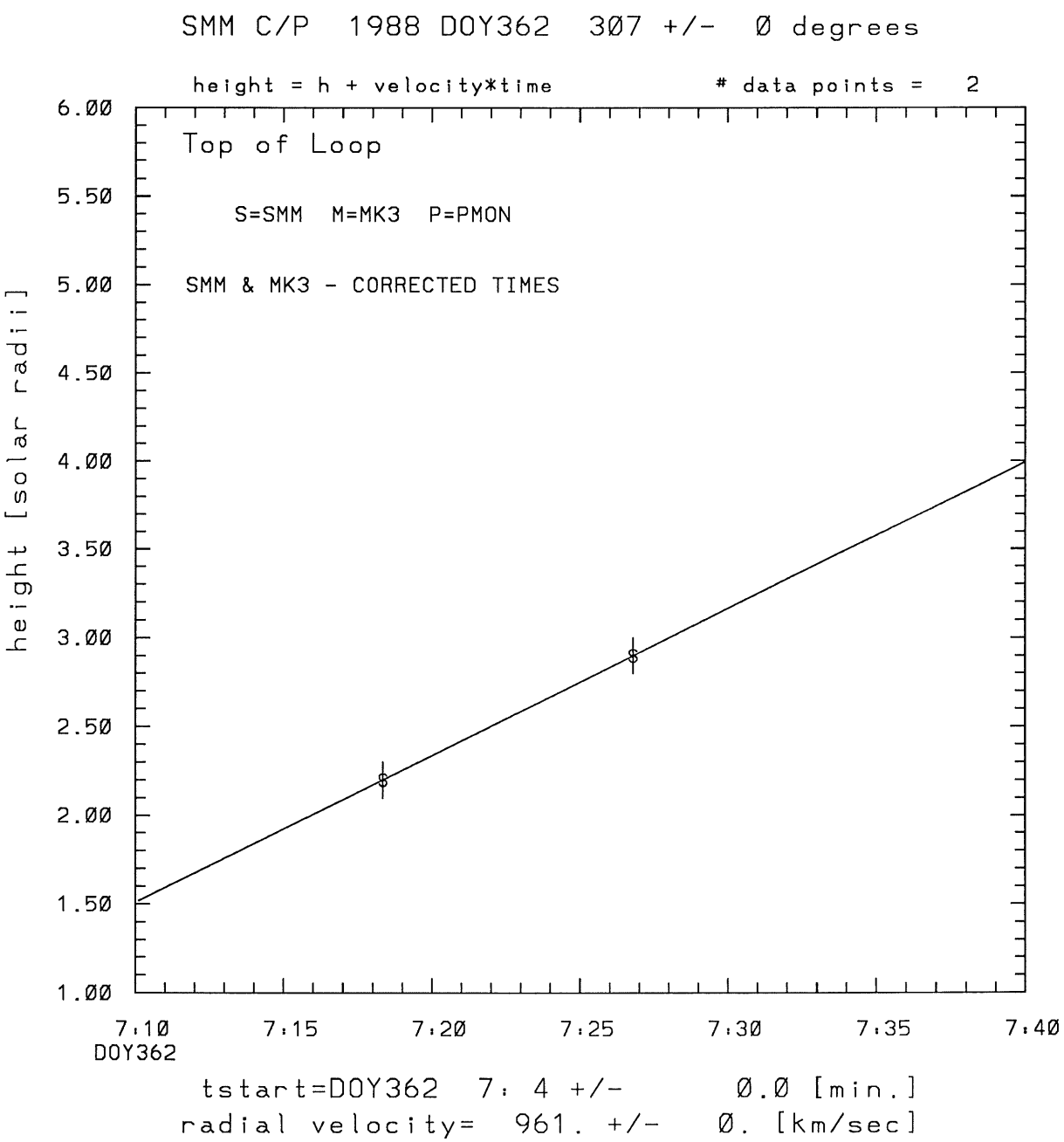

SMM C/P 1988 DOY362 307 +/- 0 degrees
height = h + velocity*time
# data points = 2
Top of Loop
S=SMM M=MK3 P=PMON
SMM & MK3 - CORRECTED TIMES
height [solar radii]
6.00
5.50
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
7:10
DOY362
7:15
7:20
7:25
7:30
7:35
7:40
tstart=DOY362 7: 4 +/- 0.0 [min.]
radial velocity= 961. +/- 0. [km/sec]

**********
This is a 1 order run
**********

*******
INPUT:
*******

| year doy | time | radii | error in radius | angle | error in angle | datatype |
|---|---|---|---|---|---|---|
| 1988 362 | 7:18:21 | 2.20 | +/- 0.10 | 307.0 | +/- 0.5 | SMM |
| 1988 362 | 7:26:48 | 2.90 | +/- 0.10 | 307.0 | +/- 0.5 | SMM |

**********
Structure being measured:
Top of Loop
**********

********
OUTPUT:
********

START TIME:

Event began at t = 0 + -0.614E+01 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 362 7: 4 +/- 0.000E+00 [minutes]

Origin defined at DOY362 7:10

RADIAL INFORMATION:

RADIAL VELOCITY = 961. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.151E+01 +/- 0.000E+00 [solar radii]
c(2) = 0.828E-01 +/- 0.000E+00 [radii/min]
c(2) = 0.961E+03 +/- 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) = 307. +/- 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]

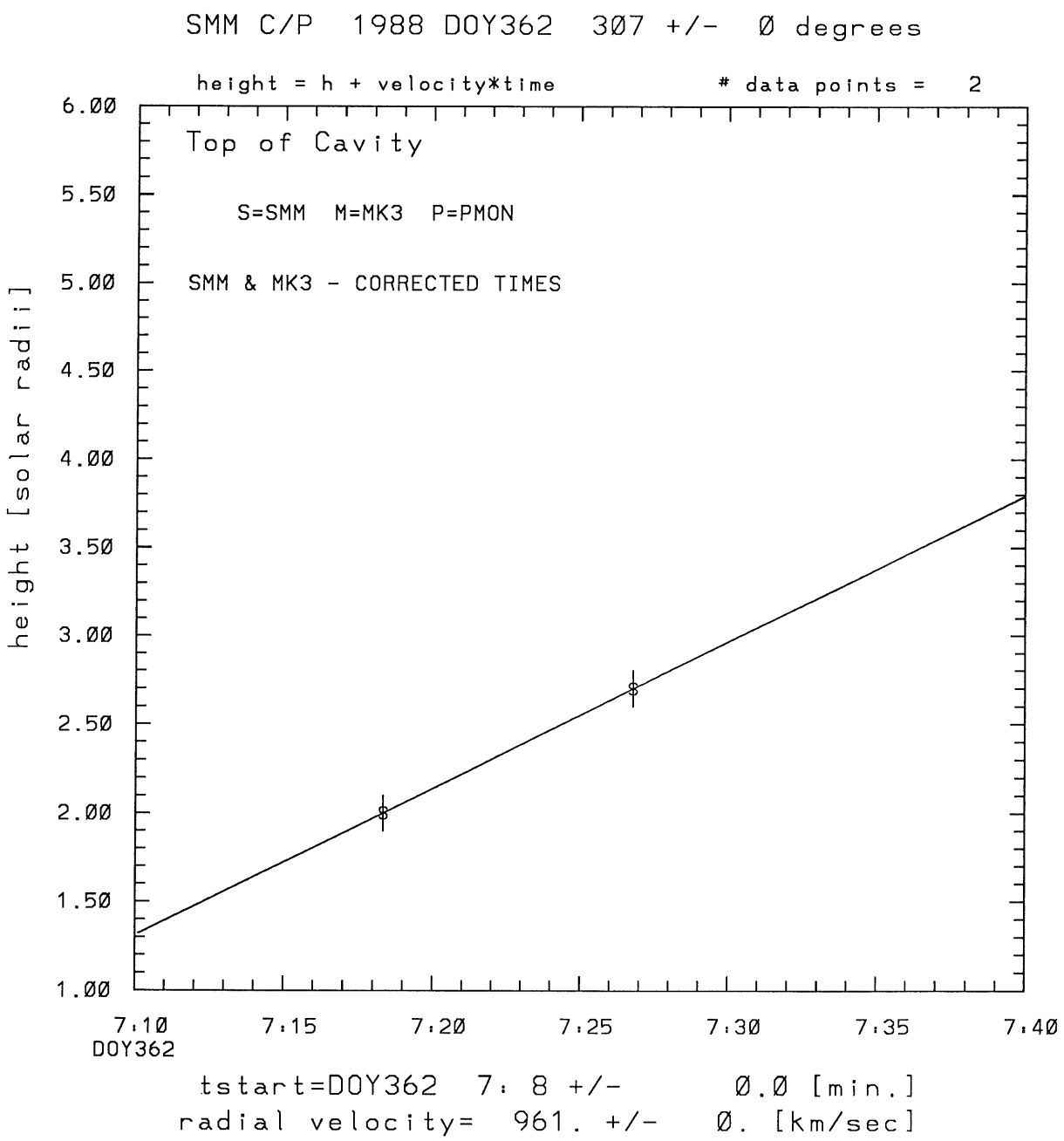
THE TANGENTIAL AND TOTAL VELOCITIES AT EACH DATA POINT ARE:
The TANGENTIAL velocity at 7:18 = 0. km/sec
The TOTAL velocity at 7:18 = 961. km/sec

The TANGENTIAL velocity at 7:26 = 0. km/sec
The TOTAL velocity at 7:26 = 961. 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 1988 DOY362 307 +/- 0 degrees
height = h + velocity*time
# data points = 2
Top of Cavity
S=SMM M=MK3 P=PMON
SMM & MK3 - CORRECTED TIMES
height [solar radii]
6.00
5.50
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
7:10
DOY362
7:15
7:20
7:25
7:30
7:35
7:40
tstart=DOY362 7: 8 +/- 0.0 [min.]
radial velocity= 961. +/- 0. [km/sec]

**********
This is a 1 order run
**********

*******
INPUT:
*******

| year doy | time | radii | error in radius | angle | error in angle | datatype |
|---|---|---|---|---|---|---|
| 1988 362 | 7:18:21 | 2.00 | +/- 0.10 | 307.0 | +/- 0.5 | SMM |
| 1988 362 | 7:26:48 | 2.70 | +/- 0.10 | 307.0 | +/- 0.5 | SMM |

**********
Structure being measured:
Top of Cavity
**********

********
OUTPUT:
********

START TIME:

Event began at t = 0 + -0.372E+01 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 362 7: 8 +/- 0.000E+00 [minutes]

Origin defined at DOY362 7:10

RADIAL INFORMATION:

RADIAL VELOCITY = 961. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.131E+01 +/- 0.529E-06 [solar radii]
c(2) = 0.828E-01 +/- 0.399E-07 [radii/min]
c(2) = 0.961E+03 +/- 0.463E-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) = 307. +/- 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 7:18 = 0. km/sec
The TOTAL velocity at 7:18 = 961. km/sec

The TANGENTIAL velocity at 7:26 = 0. km/sec
The TOTAL velocity at 7:26 = 961. 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!