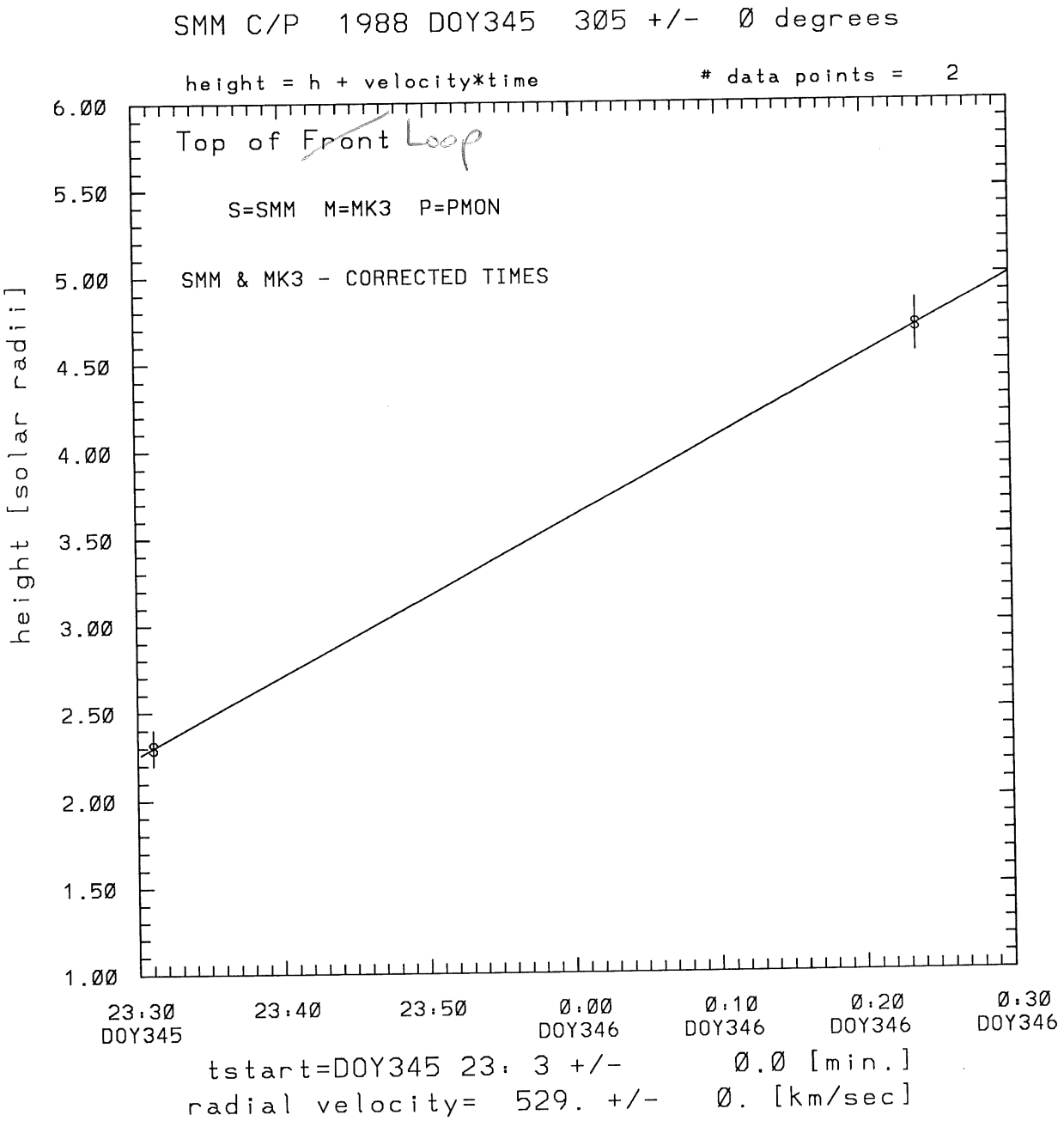

SMM C/P 1988 DOY345 305 +/- 0 degrees
height = h + velocity*time
# data points = 2
Top of Front Loop
S=SMM M=MK3 P=PMON
SMM & MK3 - CORRECTED TIMES
height [solar radii]
6.00
5.50
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
23:30 DOY345
23:40
23:50
0:00 DOY346
0:10 DOY346
0:20 DOY346
0:30 DOY346
tstart=DOY345 23: 3 +/- 0.0 [min.]
radial velocity= 529. +/- 0. [km/sec]

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

****
INPUT:
****

year doy	time	radii	error in radius	angle	error in angle	datatype
1988 345	23:31: 4	2.30 +/-	0.10	305.0 +/-	0.5	SMM
1988 346	0:23:39	4.70 +/-	0.15	305.0 +/-	1.0	SMM

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

****
OUTPUT:
****

START TIME:

Event began at t = 0 + -0.274E+02 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 345 23: 3 +/- 0.000E+00 [minutes]

Origin defined at DOY345 23:30

RADIAL INFORMATION:

RADIAL VELOCITY = 529. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.225E+01 +/- 0.000E+00 [solar radii]
c(2) = 0.456E-01 +/- 0.000E+00 [radii/min]
c(2) = 0.529E+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) = 305. +/- 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]

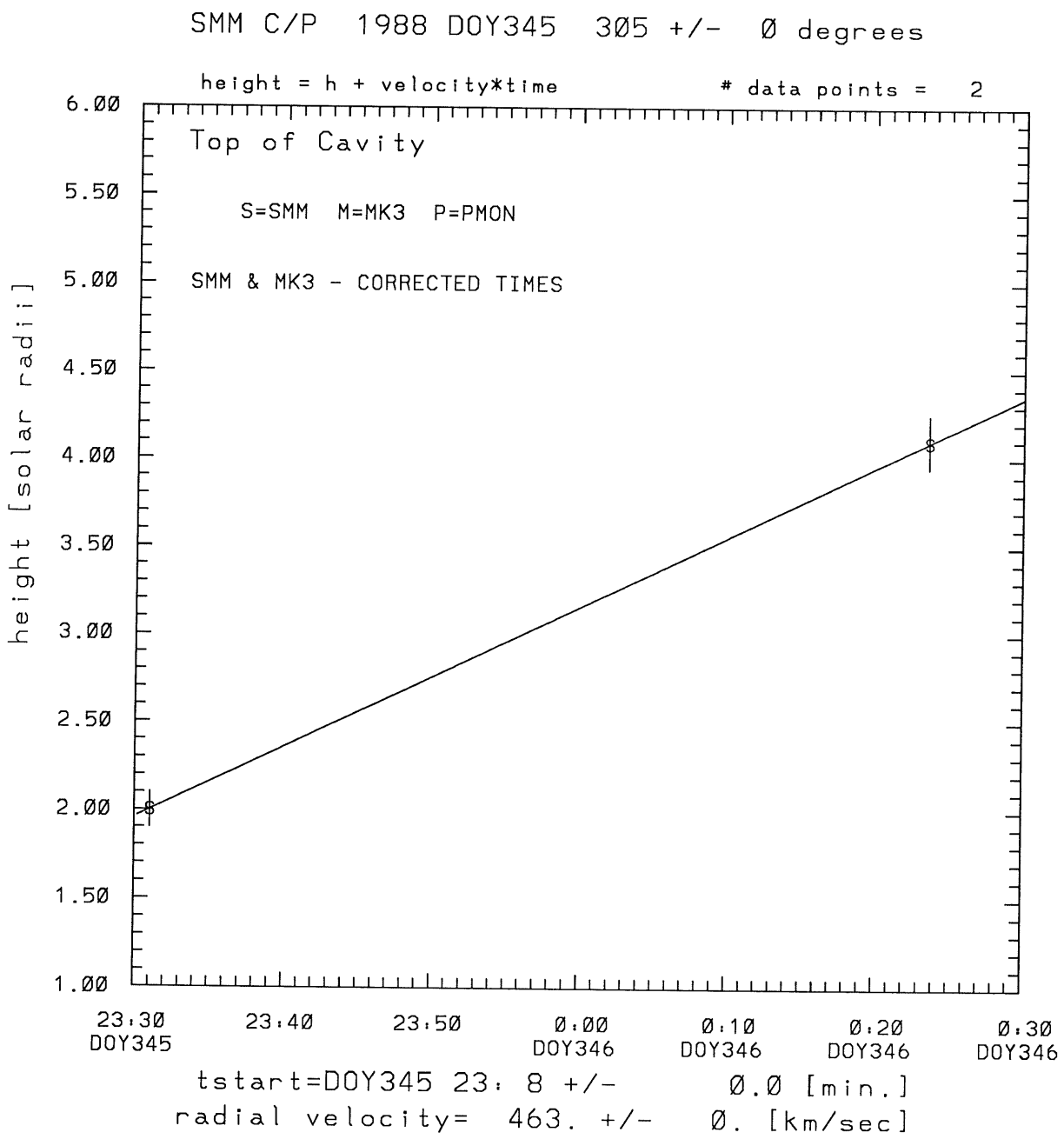
THE TANGENTIAL AND TOTAL VELOCITIES AT EACH DATA POINT ARE:
The TANGENTIAL velocity at 23:31 = 0. km/sec
The TOTAL velocity at 23:31 = 529. km/sec

The TANGENTIAL velocity at 0:23 = 0. km/sec
The TOTAL velocity at 0:23 = 529. 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 DOY345 305 +/- Ø 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.ØØ
5.5Ø
5.ØØ
4.5Ø
4.ØØ
3.5Ø
3.ØØ
2.5Ø
2.ØØ
1.5Ø
1.ØØ
23:3Ø DOY345
23:4Ø
23:5Ø
Ø:ØØ DOY346
Ø:1Ø DOY346
Ø:2Ø DOY346
Ø:3Ø DOY346
tstart=DOY345 23: 8 +/- Ø.Ø [min.]
radial velocity= 463. +/- Ø. [km/sec]

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

****
INPUT:
****

year doy	time	radii	error in radius	angle	error in angle	datatype
1988 345	23:31: 4	2.00 +/-	0.10	305.0 +/-	0.5	SMM
1988 346	0:23:39	4.10 +/-	0.15	305.0 +/-	1.0	SMM

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

****
OUTPUT:
****

START TIME:

Event began at t = 0 + -0.240E+02 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 345 23: 8 +/- 0.000E+00 [minutes]

Origin defined at DOY345 23:30

RADIAL INFORMATION:

RADIAL VELOCITY = 463. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.196E+01 +/- 0.414E-06 [solar radii]
c(2) = 0.399E-01 +/- 0.139E-07 [radii/min]
c(2) = 0.463E+03 +/- 0.161E-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) = 305. +/- 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 23:31 = 0. km/sec
The TOTAL velocity at 23:31 = 463. km/sec

The TANGENTIAL velocity at 0:23 = 0. km/sec
The TOTAL velocity at 0:23 = 463. 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!