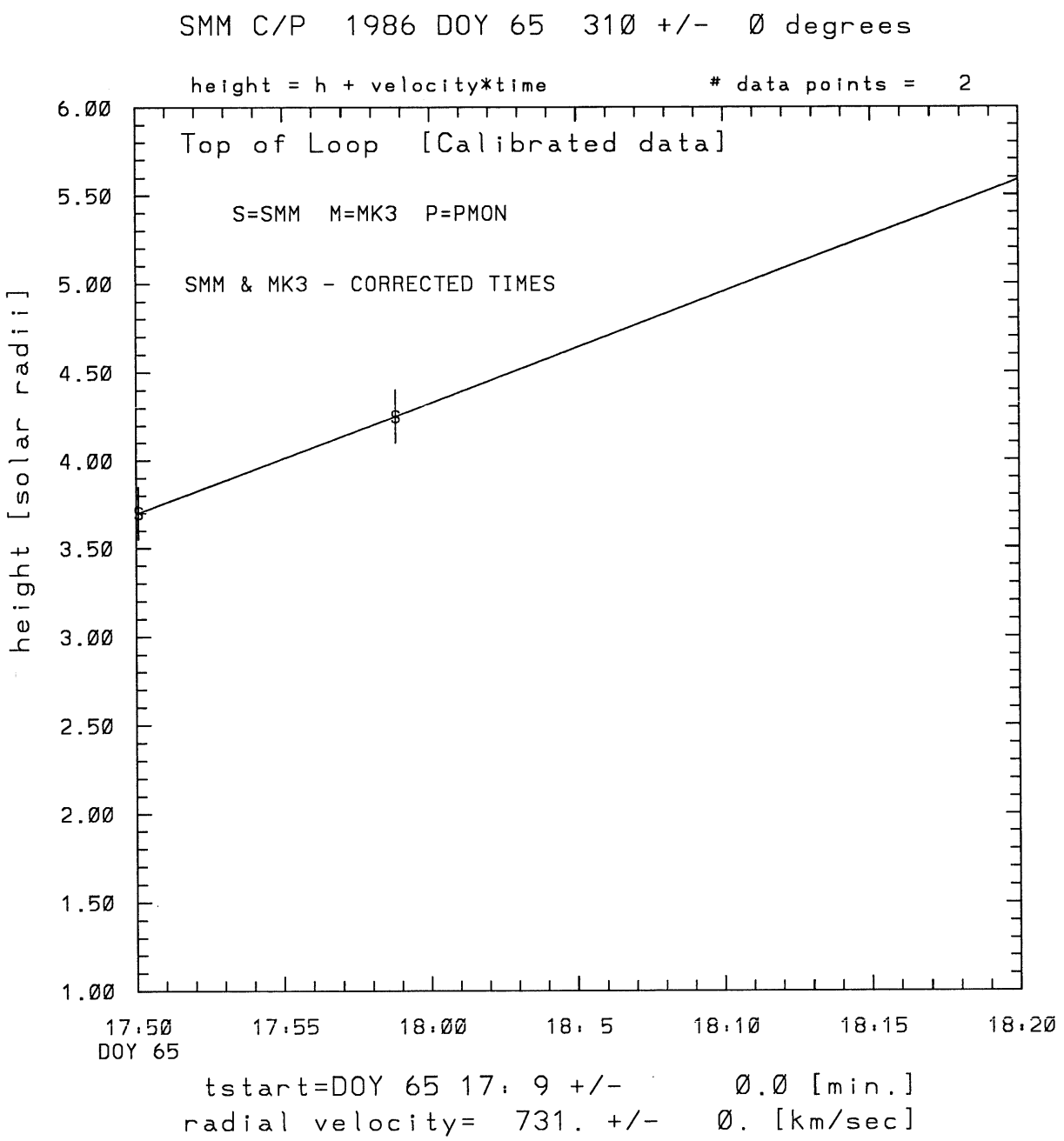

SMM C/P 1986 DOY 65 310 +/- 0 degrees
height = h + velocity*time
# data points = 2
Top of Loop [Calibrated data]
S=SMM M=MK3 P=PMON
SMM & MK3 - CORRECTED TIMES
height [solar radii]
6.00
5.50
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
17:50
DOY 65
17:55
18:00
18: 5
18:10
18:15
18:20
tstart=DOY 65 17: 9 +/- 0.0 [min.]
radial velocity= 731. +/- 0. [km/sec]

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

****
INPUT:
****

year	doy	time	radii	error in radius	angle	error in angle	datatype
1986	65	17:50: 5	3.70	+/- 0.15	310.0	+/- 1.0	SMM
1986	65	17:58:49	4.25	+/- 0.15	310.0	+/- 1.0	SMM

****
Structure being measured:
Top of Loop [Calibrated data]
****

****
OUTPUT:
****

START TIME:

Event began at t = 0 + -0.428E+02 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 65 17: 9 +/- 0.000E+00 [minutes]

Origin defined at DOY 65 17:50

RADIAL INFORMATION:

RADIAL VELOCITY = 731. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.369E+01 +/- 0.000E+00 [solar radii]
c(2) = 0.630E-01 +/- 0.000E+00 [radii/min]
c(2) = 0.731E+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) = 310. +/- 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]

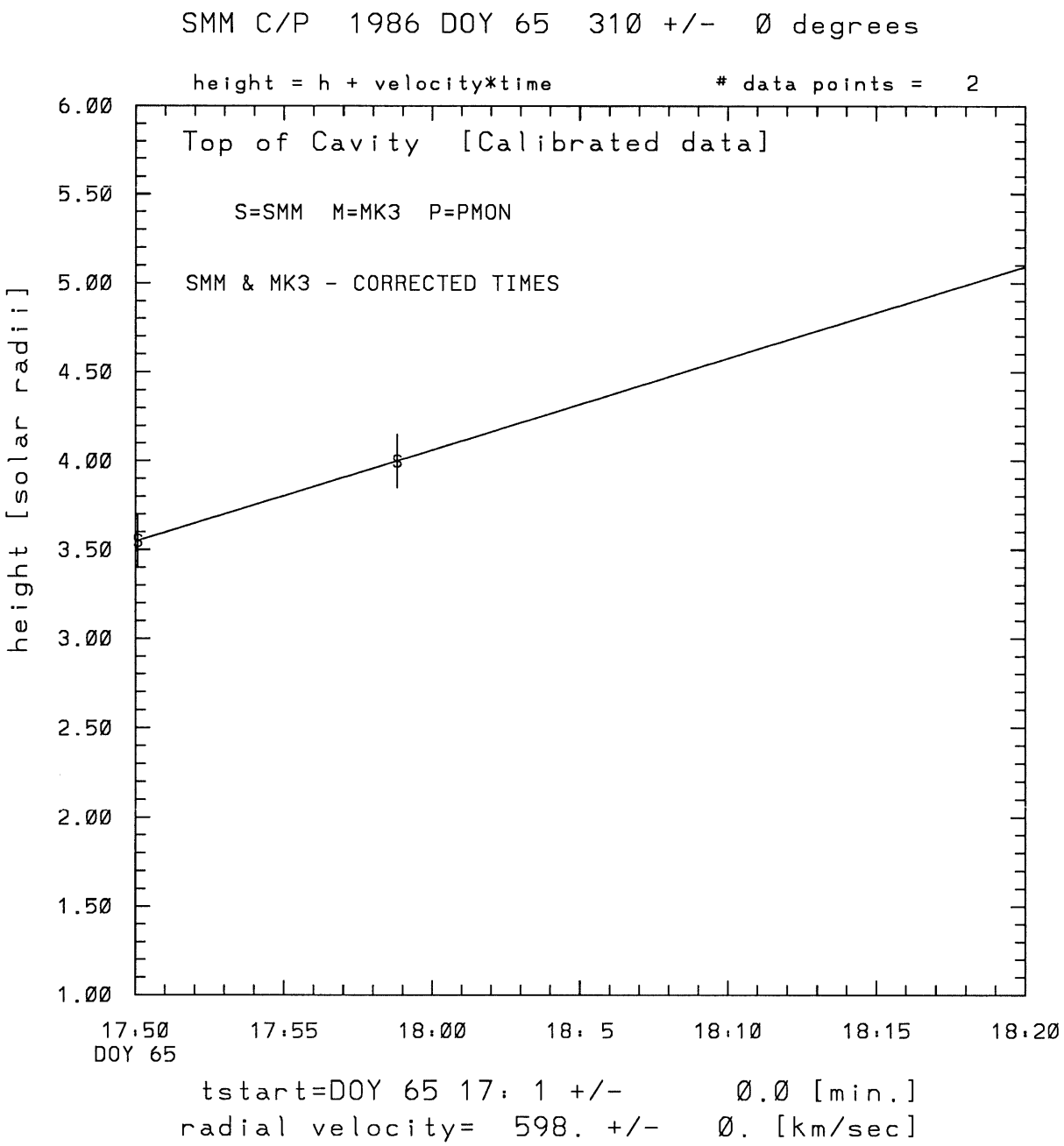
THE TANGENTIAL AND TOTAL VELOCITIES AT EACH DATA POINT ARE:
The TANGENTIAL velocity at 17:50 = 0.000E+00 km/sec
The TOTAL velocity at 17:50 = 731. km/sec

The TANGENTIAL velocity at 17:58 = 0.000E+00 km/sec
The TOTAL velocity at 17:58 = 731. 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 1986 DOY 65 310 +/- 0 degrees
height = h + velocity*time
# data points = 2
Top of Cavity [Calibrated data]
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
17:50
DOY 65
17:55
18:00
18: 5
18:10
18:15
18:20
tstart=DOY 65 17: 1 +/- 0.0 [min.]
radial velocity= 598. +/- 0. [km/sec]

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

****
INPUT:
****

year	doy	time	radii	error in radius	angle	error in angle	datatype
1986	65	17:50: 5	3.55	+/- 0.15	310.0	+/- 1.0	SMM
1986	65	17:58:49	4.00	+/- 0.15	310.0	+/- 1.0	SMM

****
Structure being measured:
Top of Cavity [Calibrated data]
****

****
OUTPUT:
****

START TIME:

Event began at t = 0 + -0.494E+02 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 65 17: 1 +/- 0.000E+00 [minutes]

Origin defined at DOY 65 17:50

RADIAL INFORMATION:

RADIAL VELOCITY = 598. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.355E+01 +/- 0.241E-06 [solar radii]
c(2) = 0.515E-01 +/- 0.386E-07 [radii/min]
c(2) = 0.598E+03 +/- 0.448E-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) = 310. +/- 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 17:50 = 0.000E+00 km/sec
The TOTAL velocity at 17:50 = 598. km/sec

The TANGENTIAL velocity at 17:58 = 0.000E+00 km/sec
The TOTAL velocity at 17:58 = 598. 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!