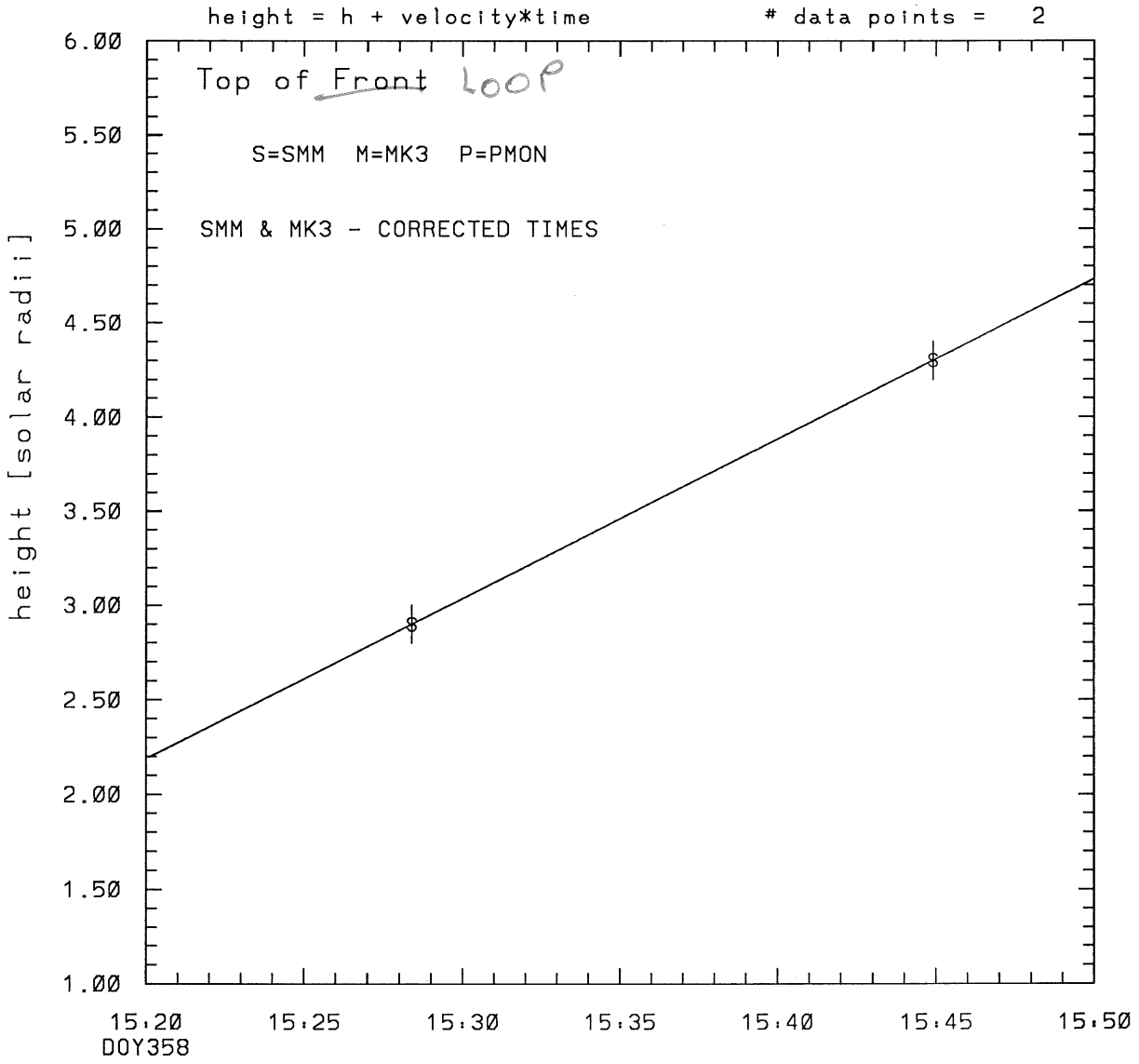
SMM C/P 1988 DOY358 245 +/- Ø degrees



tstart=DOY358 15: 8 +/- Ø.Ø [min.]

radial velocity= 984. +/- Ø. [km/sec]

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

****
INPUT:
****

year	doy	time	radii	error in radius	angle	error in angle	datatype
1988	358	15:28:24	2.90	+/- 0.10	245.0	+/- 0.5	SMM
1988	358	15:44:54	4.30	+/- 0.10	245.0	+/- 1.0	SMM

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

****
OUTPUT:
****

START TIME:

Event began at t = 0 + -0.140E+02 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 358 15: 8 +/- 0.000E+00 [minutes]

Origin defined at DOY358 15:20

RADIAL INFORMATION:

RADIAL VELOCITY = 984. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.219E+01 +/- 0.215E-05 [solar radii]
c(2) = 0.848E-01 +/- 0.116E-06 [radii/min]
c(2) = 0.984E+03 +/- 0.134E-02 [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) = 245. +/- 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]

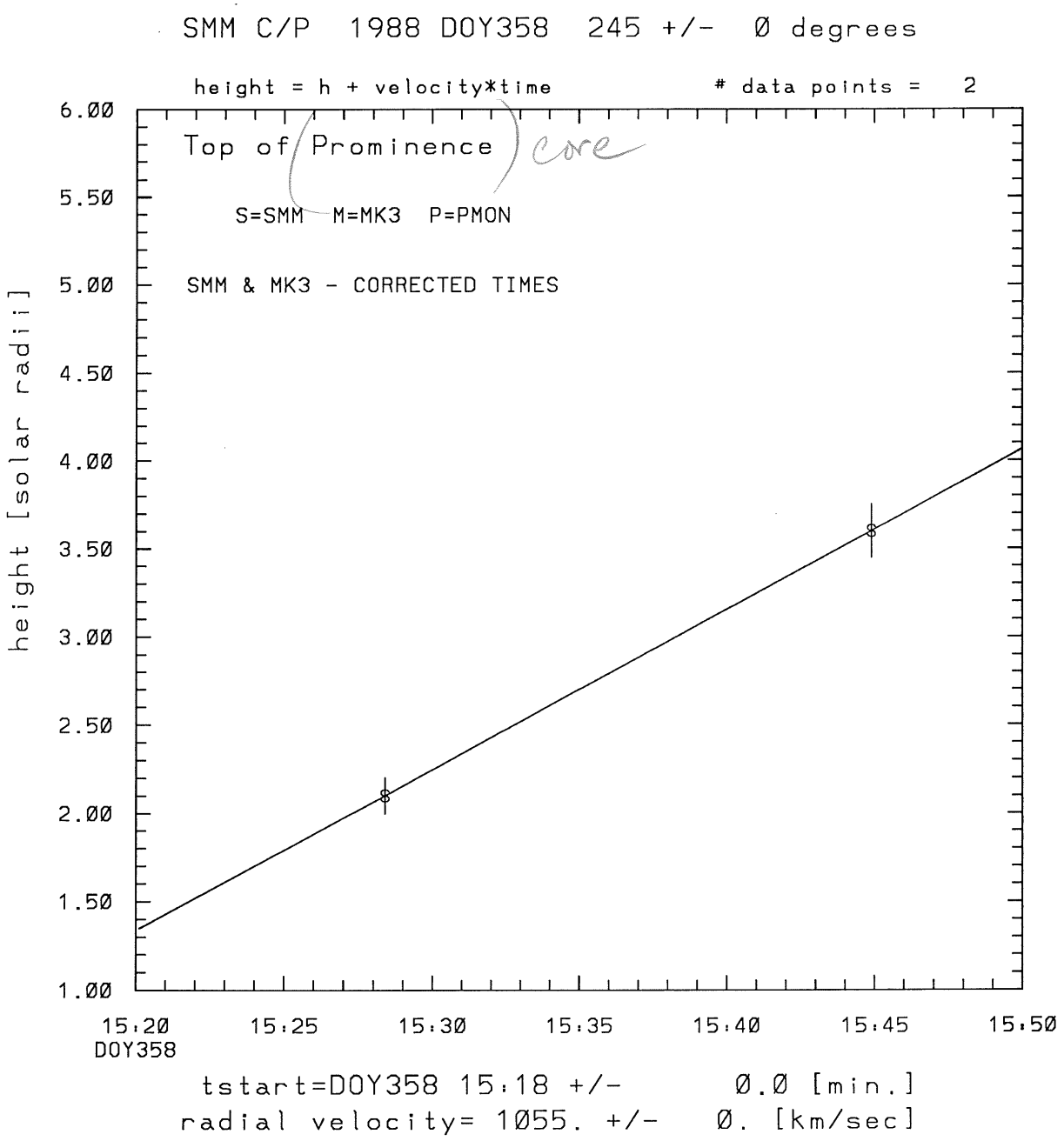
THE TANGENTIAL AND TOTAL VELOCITIES AT EACH DATA POINT ARE:
The TANGENTIAL velocity at 15:28 = 0. km/sec
The TOTAL velocity at 15:28 = 984. km/sec

The TANGENTIAL velocity at 15:44 = 0. km/sec
The TOTAL velocity at 15:44 = 984. 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 DOY358 245 +/- Ø degrees
height = h + velocity*time
# data points = 2
Top of Prominence
core
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
15:20
DOY358
15:25
15:30
15:35
15:40
15:45
15:50
tstart=DOY358 15:18 +/- Ø.Ø [min.]
radial velocity= 1055. +/- Ø. [km/sec]

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

****
INPUT:
****

year	doy	time	radii	error in radius	angle	error in angle	datatype
1988	358	15:28:24	2.10	+/- 0.10	245.0	+/- 0.5	SMM
1988	358	15:44:54	3.60	+/- 0.15	245.0	+/- 1.0	SMM

****
Structure being measured:
Top of Prominence Core
****

****
OUTPUT:
****

START TIME:

Event began at t = 0 + -0.370E+01 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 358 15:18 +/- 0.000E+00 [minutes]

Origin defined at DOY358 15:20

RADIAL INFORMATION:

RADIAL VELOCITY = 1055. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.134E+01 +/- 0.000E+00 [solar radii]
c(2) = 0.909E-01 +/- 0.000E+00 [radii/min]
c(2) = 0.105E+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) = 245. +/- 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 15:28 = 0. km/sec
The TOTAL velocity at 15:28 = 1055. km/sec

The TANGENTIAL velocity at 15:44 = 0. km/sec
The TOTAL velocity at 15:44 = 1055. 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!