SMM C/P 1980 DOY110 306 +/- 0 degrees

height = h + velocity*time   # data points = 2

Edge 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

7:50   8:00   8:10   8:20   8:30   8:40   8:50
DOY110

tstart=DOY110 7:37 +/-   0.0 [min.]
radial velocity= 655. +/-   0. [km/sec]
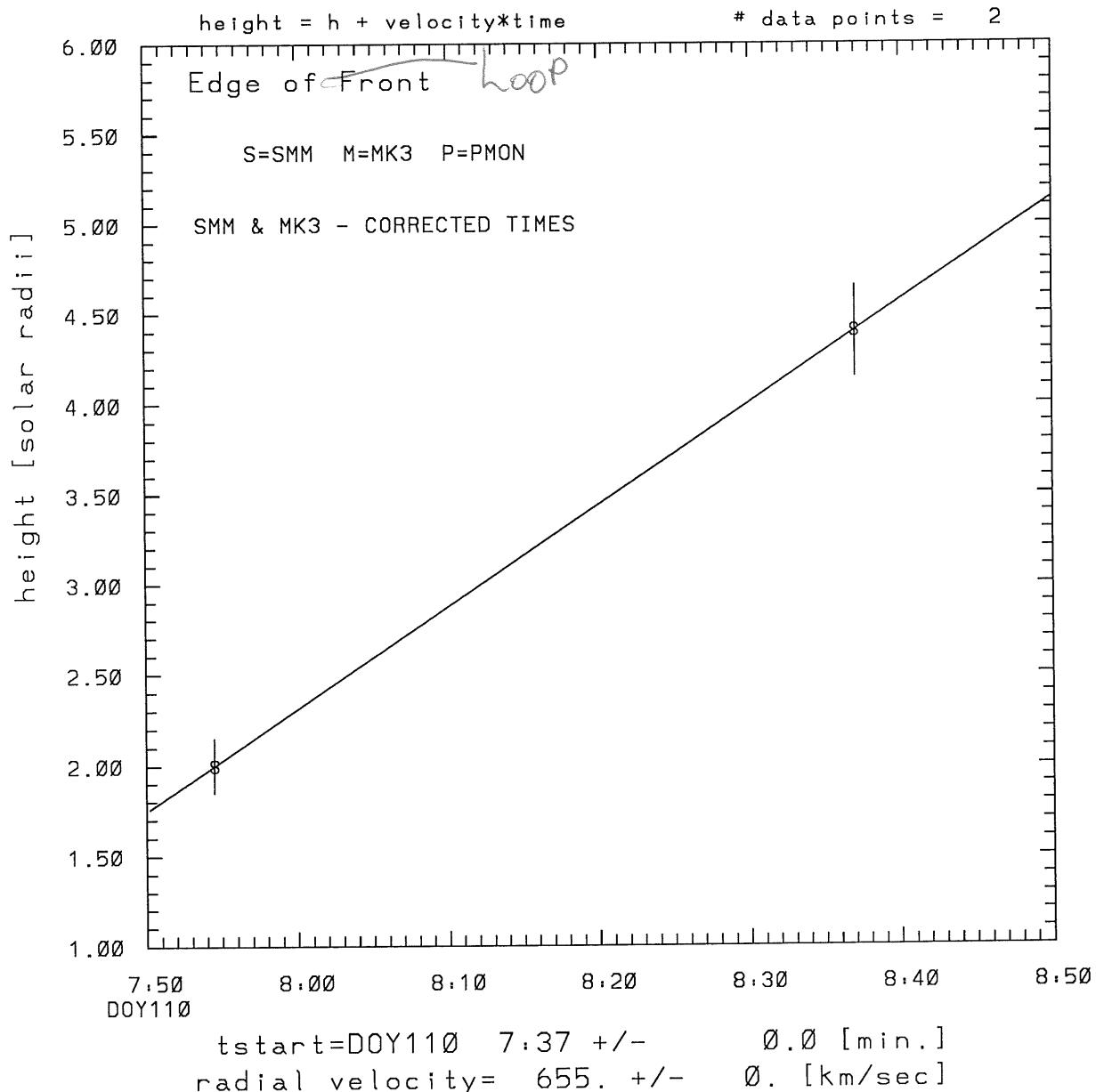
```
********************
 This is a 1 order run
********************


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


                     error in      error in
year doy   time   radii  radius   angle  angle   datatype
1980 110  7:54:30  2.00 +/- 0.15   306.0 +/-  0.5    SMM
1980 110  8:36:59  4.40 +/- 0.25   306.0 +/-  1.0    SMM


*****************************************
 Structure being measured:
Edge of Front
*****************************************


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


START TIME:


Event began at t = 0 + -0.132E+02 +/-  0.000E+00 [minutes]
In more convenient units:
Event began at DOY 110  7:37 +/-  0.000E+00 [minutes]


 Origin defined at DOY110  7:50


RADIAL INFORMATION:


RADIAL VELOCITY =   655. +/-    0. km/sec


The computed RADIAL coefficients and errors FROM NLLST2 are:


c(1) =   0.175E+01 +/-   0.220E-06 [solar radii]
c(2) =   0.565E-01 +/-   0.899E-08 [radii/min]
c(2) =   0.655E+03 +/-   0.104E-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) = 306. +/-   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 7:54 = 0.000E+00 km/sec
The TOTAL velocity at 7:54 = 655. km/sec

The TANGENTIAL velocity at 8:36 = 0.000E+00 km/sec
The TOTAL velocity at 8:36 = 655. 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!