SMM C/P   1980 DOY120 120 +/-   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

13:10   13:15   13:20   13:25   13:30   13:35   13:40
DOY120
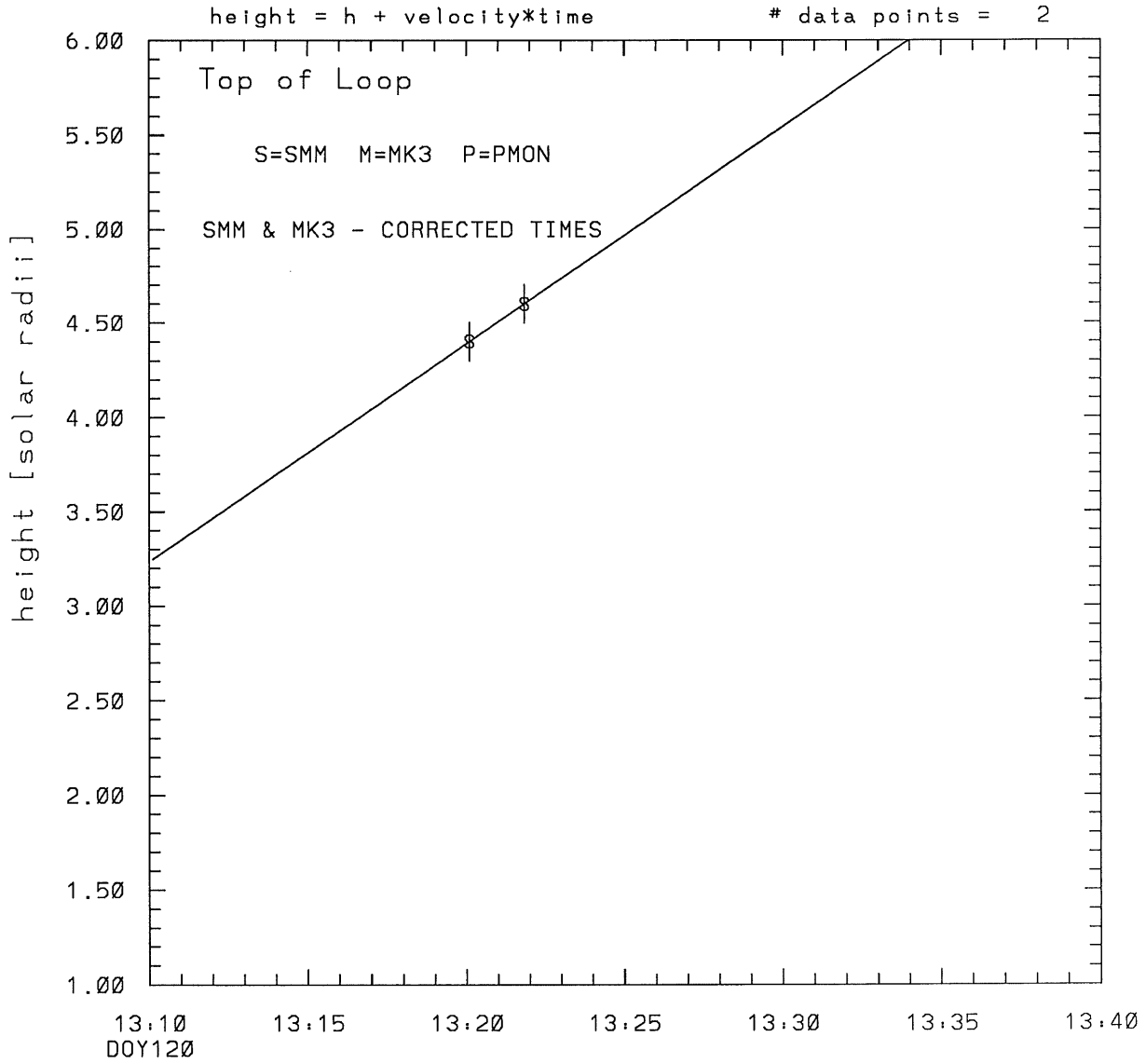
tstart=DOY120 12:51 +/-   0.0 [min.]
radial velocity= 1338. +/-   0. [km/sec]

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


*******
 INPUT:
*******
```

				error in		error in	
year	doy	time	radii	radius	angle	angle	datatype
1980	120	13:20: 6	4.40 +/- 0.10		120.0 +/- 0.5		SMM
1980	120	13:21:50	4.60 +/- 0.10		120.0 +/- 0.5		SMM

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


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


START TIME:


Event began at t = 0 + -0.194E+02 +/-  0.000E+00 [minutes]
In more convenient units:
Event began at DOY 120 12:51 +/-  0.000E+00 [minutes]


Origin defined at DOY120 13:10

RADIAL INFORMATION:

RADIAL VELOCITY =  1338. +/-     0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

     c(1) =   0.323E+01 +/-   0.121E-04 [solar radii]
     c(2) =   0.115E+00 +/-   0.110E-05 [radii/min]
     c(2) =   0.134E+04 +/-   0.128E-01 [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) = 120. +/-   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 13:20 = 0.000E+00 km/sec
The TOTAL velocity at 13:20 = 1338. km/sec

The TANGENTIAL velocity at 13:21 = 0.000E+00 km/sec
The TOTAL velocity at 13:21 = 1338. 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!