21.06

21.04

BLOB

OUTER
LOOP

Inner Loop

* discon. material?
  only in one frame.

Innermost loop
also not measured (too faint)

DOY 68

SMM C/P 1980 DOY 68 230 +/- 0 degrees

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

Top of Outer Cavity

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

21:00   21: 5   21:10   21:15   21:20   21:25   21:30
DOY 68
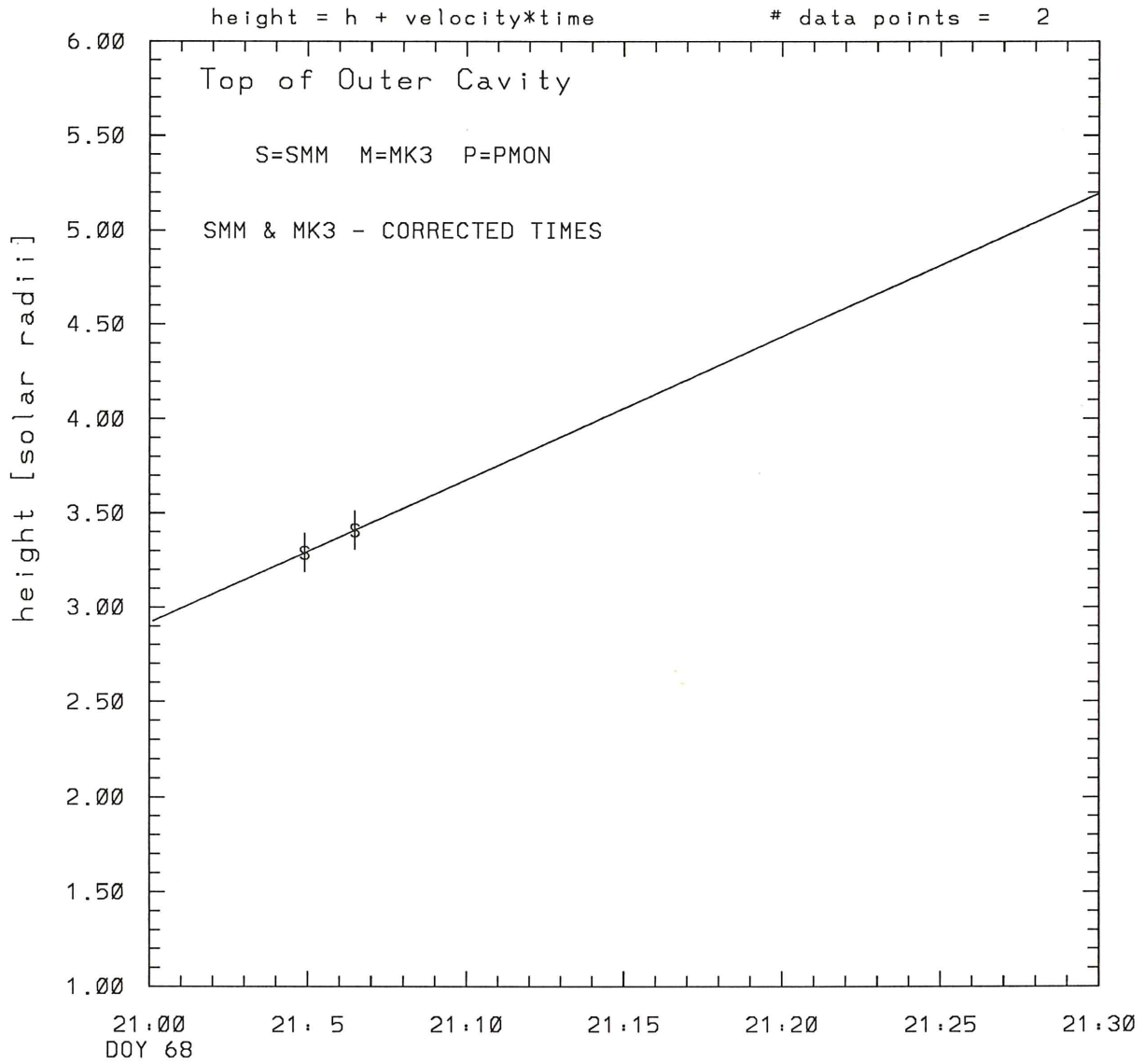
tstart=DOY 68 20:35 +/-   0.0 [min.]
radial velocity= 879. +/-   0. [km/sec]

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


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


                      error in        error in
year doy    time    radii radius    angle  angle    datatype
1980  68  21: 4:54   3.29 +/- 0.10   230.0 +/- 0.5     SMM
1980  68  21: 6:29   3.41 +/- 0.10   230.0 +/- 0.5     SMM


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


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


START TIME:

 Event began at t = 0 + -0.253E+02 +/-  0.000E+00 [minutes]
 In more convenient units:
 Event began at DOY  68 20:35 +/-  0.000E+00 [minutes]


 Origin defined at DOY 68 21: 0

RADIAL INFORMATION:

RADIAL VELOCITY =   879. +/-     0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

    c(1) =    0.292E+01 +/-    0.122E-05 [solar radii]
    c(2) =    0.758E-01 +/-    0.213E-06 [radii/min]
    c(2) =    0.879E+03 +/-    0.247E-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) = 230. +/-   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 21: 4 = 0.000E+00 km/sec
The TOTAL velocity at 21: 4 = 879. km/sec

The TANGENTIAL velocity at 21: 6 = 0.000E+00 km/sec
The TOTAL velocity at 21: 6 = 879. 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!