SMM C/P   1988 DOY317   41 +/-   0 degrees

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

Top of Mound

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

16:40   16:45   16:50   16:55   17:00   17:5   17:10
DOY317
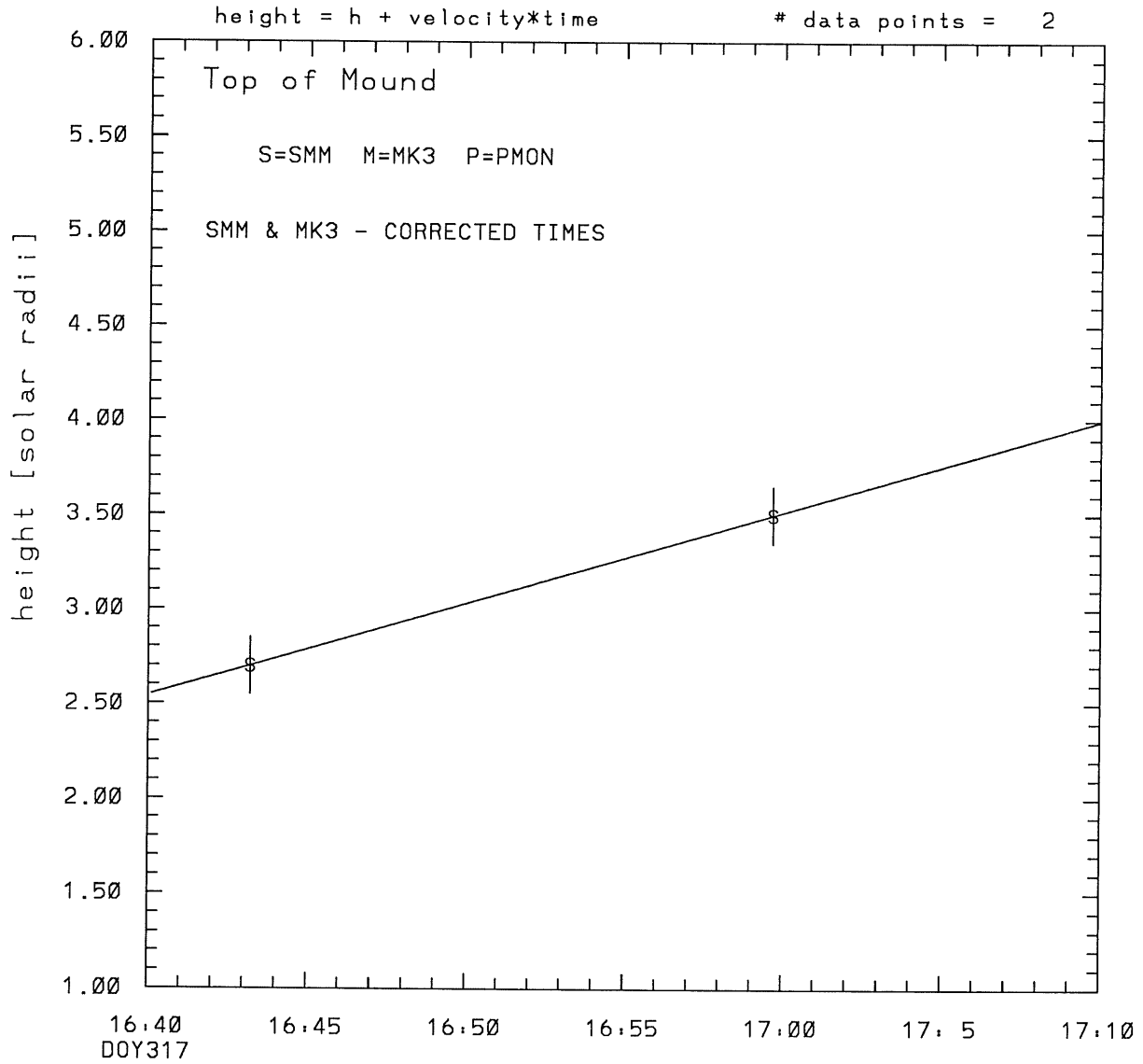
tstart=DOY317 16:10 +/-   0.0 [min.]
radial velocity= 562. +/-   0. [km/sec]

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


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


                         error in       error in
year doy    time    radii radius     angle angle    datatype
1988 317  16:43:12  2.70 +/- 0.15    41.0 +/- 0.5     SMM
1988 317  16:59:42  3.50 +/- 0.15    41.0 +/- 1.0     SMM


****************************************
 Structure being measured:
Top of Mound
****************************************


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


START TIME:

Event began at t = 0 + -0.319E+02 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 317 16:10 +/- 0.000E+00 [minutes]


 Origin defined at DOY317 16:40

RADIAL INFORMATION:

RADIAL VELOCITY =   562. +/-     0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

    c(1) =   0.254E+01 +/-   0.119E-05 [solar radii]
    c(2) =   0.485E-01 +/-   0.843E-07 [radii/min]
    c(2) =   0.562E+03 +/-   0.977E-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) =  41. +/-   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 16:43 =   0. km/sec
The TOTAL velocity at 16:43 = 562. km/sec

The TANGENTIAL velocity at 16:59 =   0. km/sec
The TOTAL velocity at 16:59 = 562. 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!