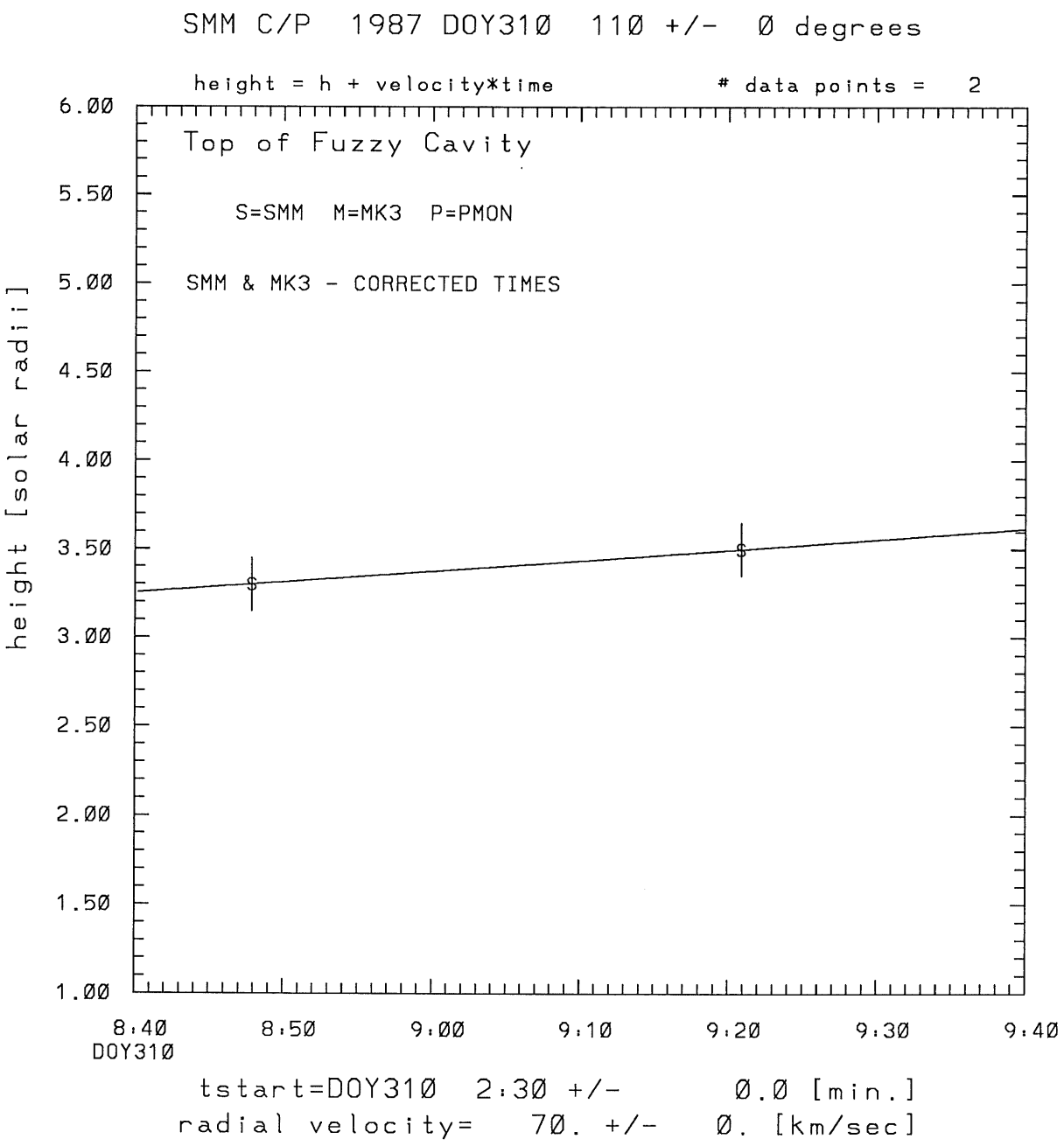
SMM C/P 1987 DOY310 110 +/- 0 degrees
height = h + velocity*time
# data points = 2
Top of Fuzzy Cavity
S=SMM M=MK3 P=PMON
SMM & MK3 - CORRECTED TIMES
height [solar radii]
6.00
5.50
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
8:40
DOY310
8:50
9:00
9:10
9:20
9:30
9:40
tstart=DOY310 2:30 +/- 0.0 [min.]
radial velocity= 70. +/- 0. [km/sec]

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

****
INPUT:
****

year doy	time	radii	error in radius	angle	error in angle	datatype
1987 310	8:47:52	3.30	+/- 0.15	110.0	+/- 1.0	SMM
1987 310	9:20:53	3.50	+/- 0.15	110.0	+/- 1.0	SMM

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

****
OUTPUT:
****

START TIME:

Event began at t = 0 + -0.372E+03 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 310 2:30 +/- 0.000E+00 [minutes]

Origin defined at DOY310 8:40

RADIAL INFORMATION:

RADIAL VELOCITY = 70. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.325E+01 +/- 0.000E+00 [solar radii]
c(2) = 0.606E-02 +/- 0.000E+00 [radii/min]
c(2) = 0.703E+02 +/- 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) = 110. +/- 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 8:47 = 0.000E+00 km/sec
The TOTAL velocity at 8:47 = 70. km/sec

The TANGENTIAL velocity at 9:20 = 0.000E+00 km/sec
The TOTAL velocity at 9:20 = 70. 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!