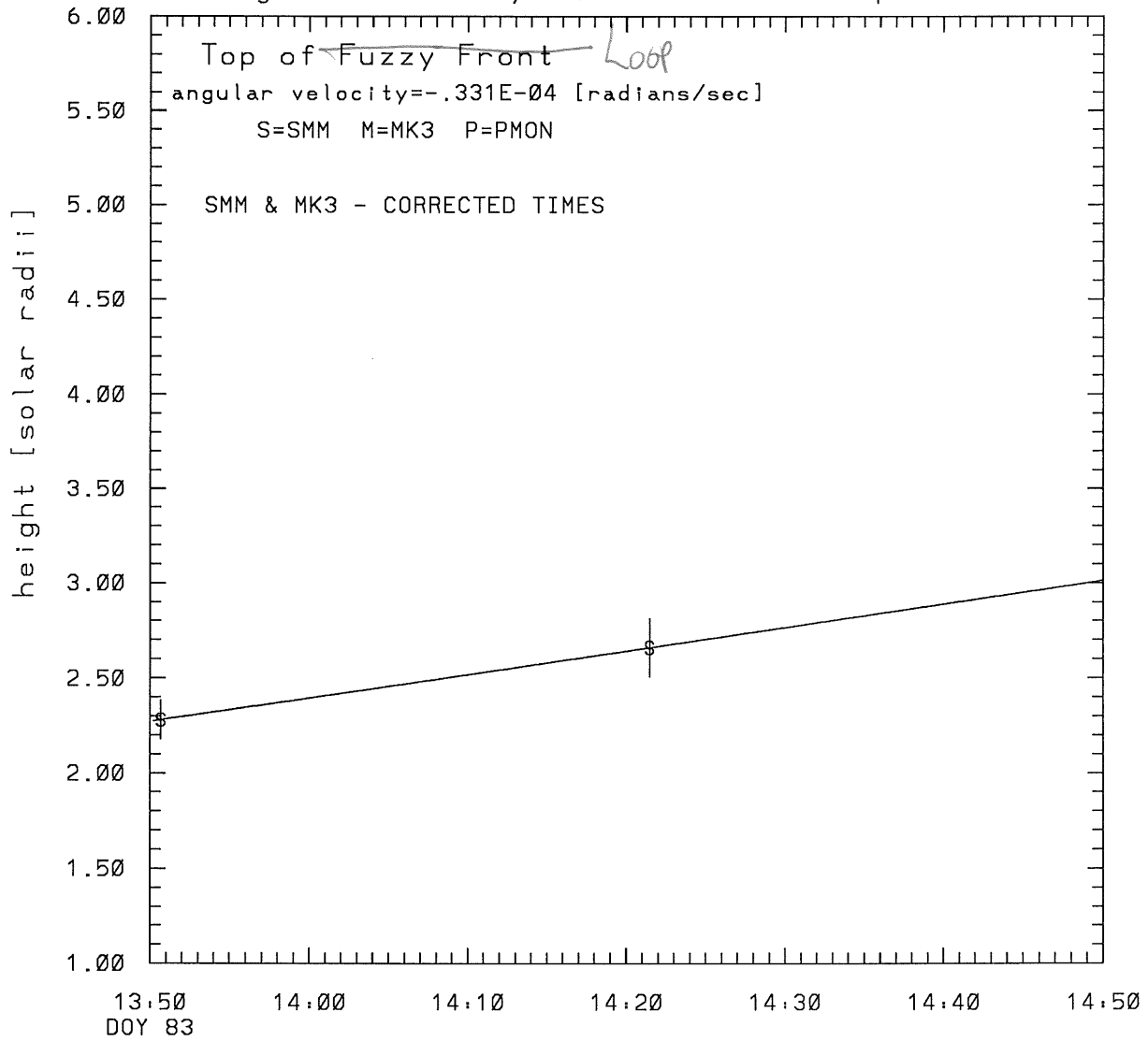


SMM C/P 1980 DOY 83 17 +/- 2 degrees

height = h + velocity*time

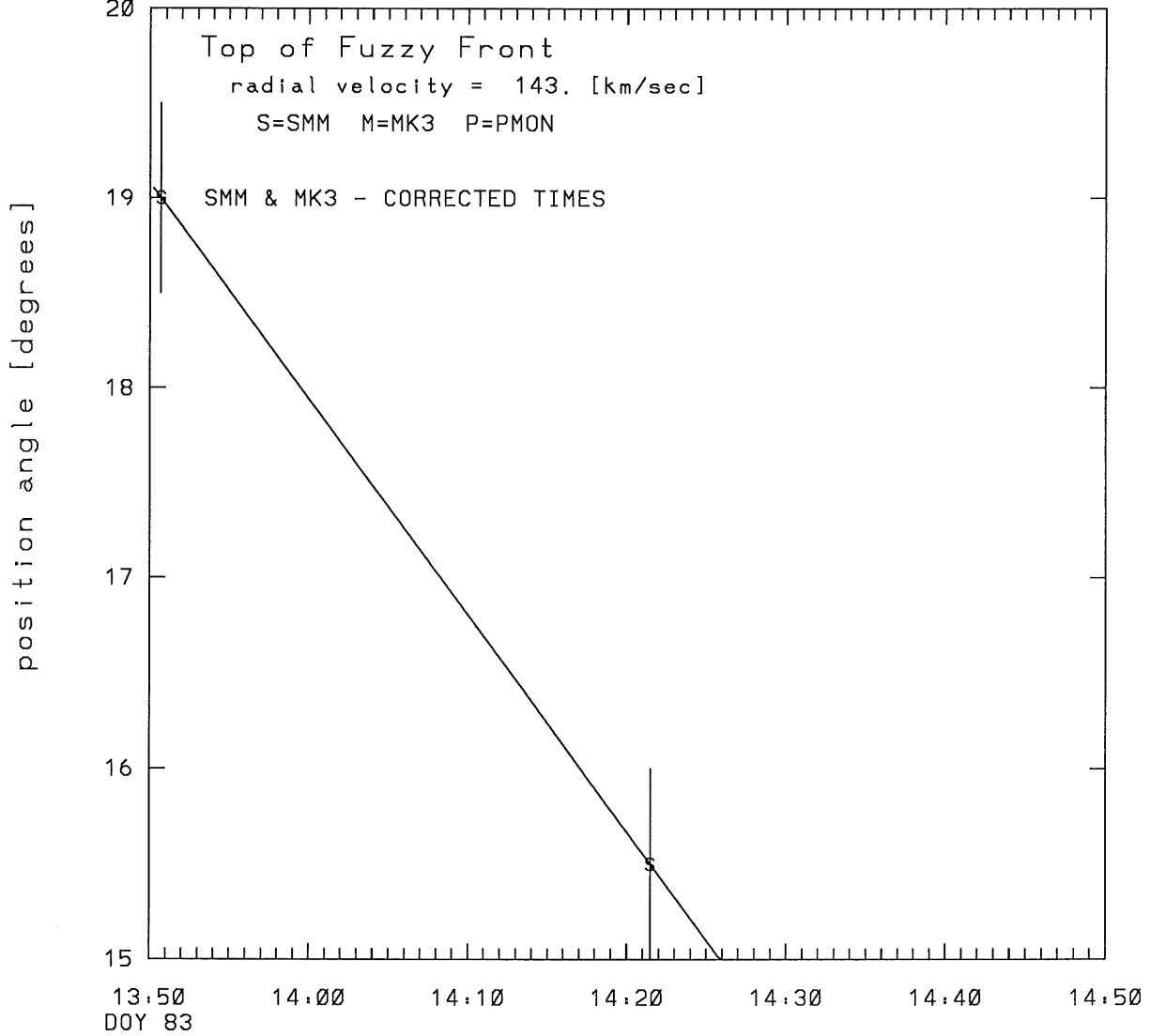
data points = 2



tstart=DOY 83 12: 7 +/- 0.0 [min.]
radial velocity= 143. +/- 0. [km/sec]

SMM C/P 1980 DOY 83 17 +/- 2 degrees

angle = initial angle + angular velocity * time # data points = 2



tstart=DOY 83 12: 7 +/- 0.0 [min.]
angular velocity=-.331E-04 +/- 0.285E-10 [rad/sec]

This is a 1 order run

INPUT:

year	doy	time	radii	radius	error in angle	error in angle	datatype
1980	83	13:50:41	2.28 +/-	0.10	19.0 +/-	0.5	SMM
1980	83	14:21:28	2.66 +/-	0.15	15.5 +/-	0.5	SMM

Structure being measured:
Top of Fuzzy Front

OUTPUT:

START TIME:

Event began at t = 0 + -0.103E+03 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 83 12: 7 +/- 0.000E+00 [minutes]

Origin defined at DOY 83 13:50

RADIAL INFORMATION:

RADIAL VELOCITY = 143. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.227E+01 +/- 0.463E-06 [solar radii]
c(2) = 0.123E-01 +/- 0.265E-07 [radii/min]
c(2) = 0.143E+03 +/- 0.308E-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 = -0.3307E-04 +/- 0.2850E-10 [radians/sec]

The computed ANGULAR coefficients and errors FROM NLLST2 are:

a(1) = 19. +/- 0. [degrees]
a(2) = -0.114E+00 +/- 0.980E-07 [degrees/min]
a(2) = -0.331E-04 +/- 0.285E-10 [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 RADIAL velocity at 13:50 = 143. km/sec

The RADIAL velocity at 14:21 = 143. 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!