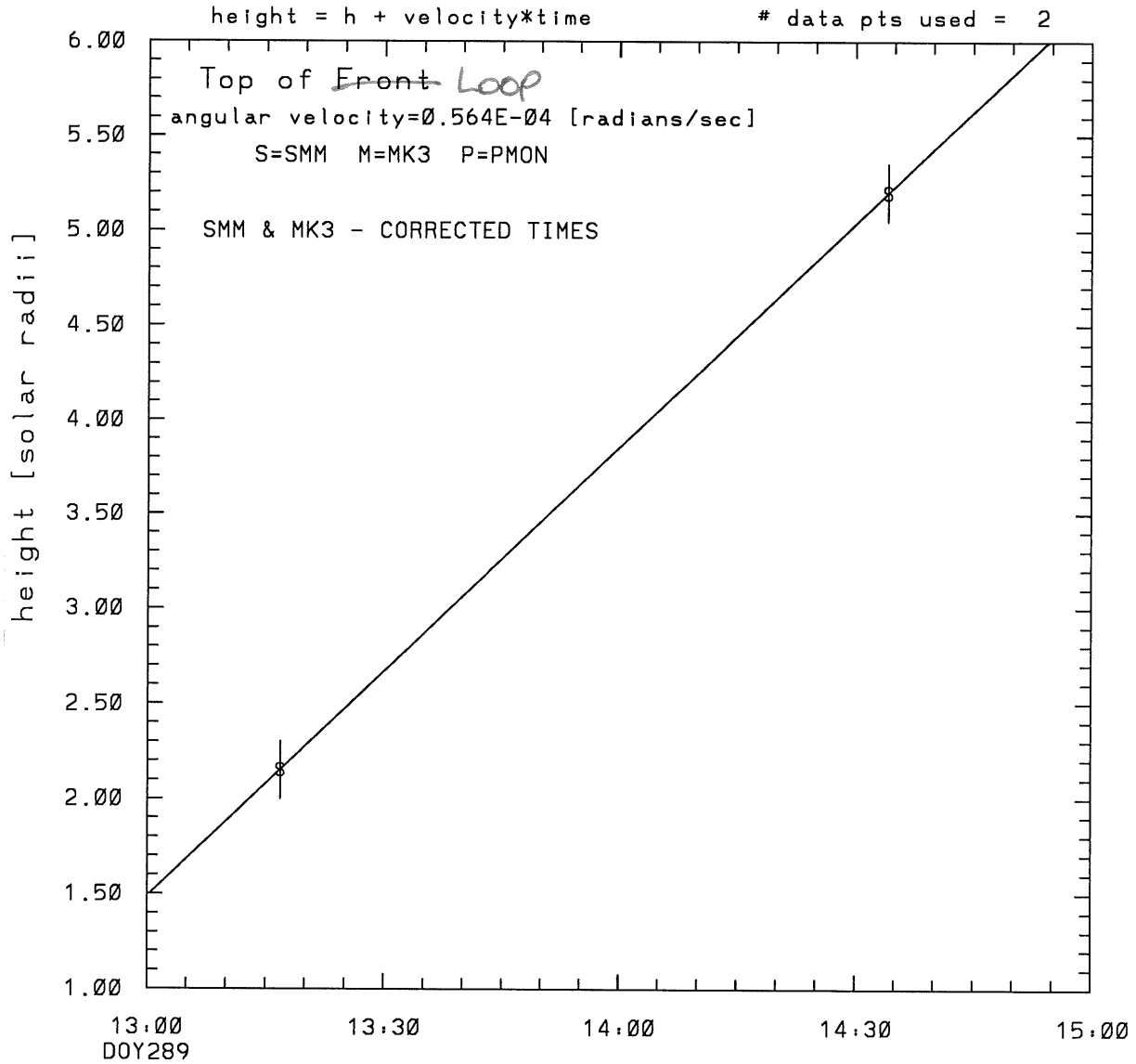


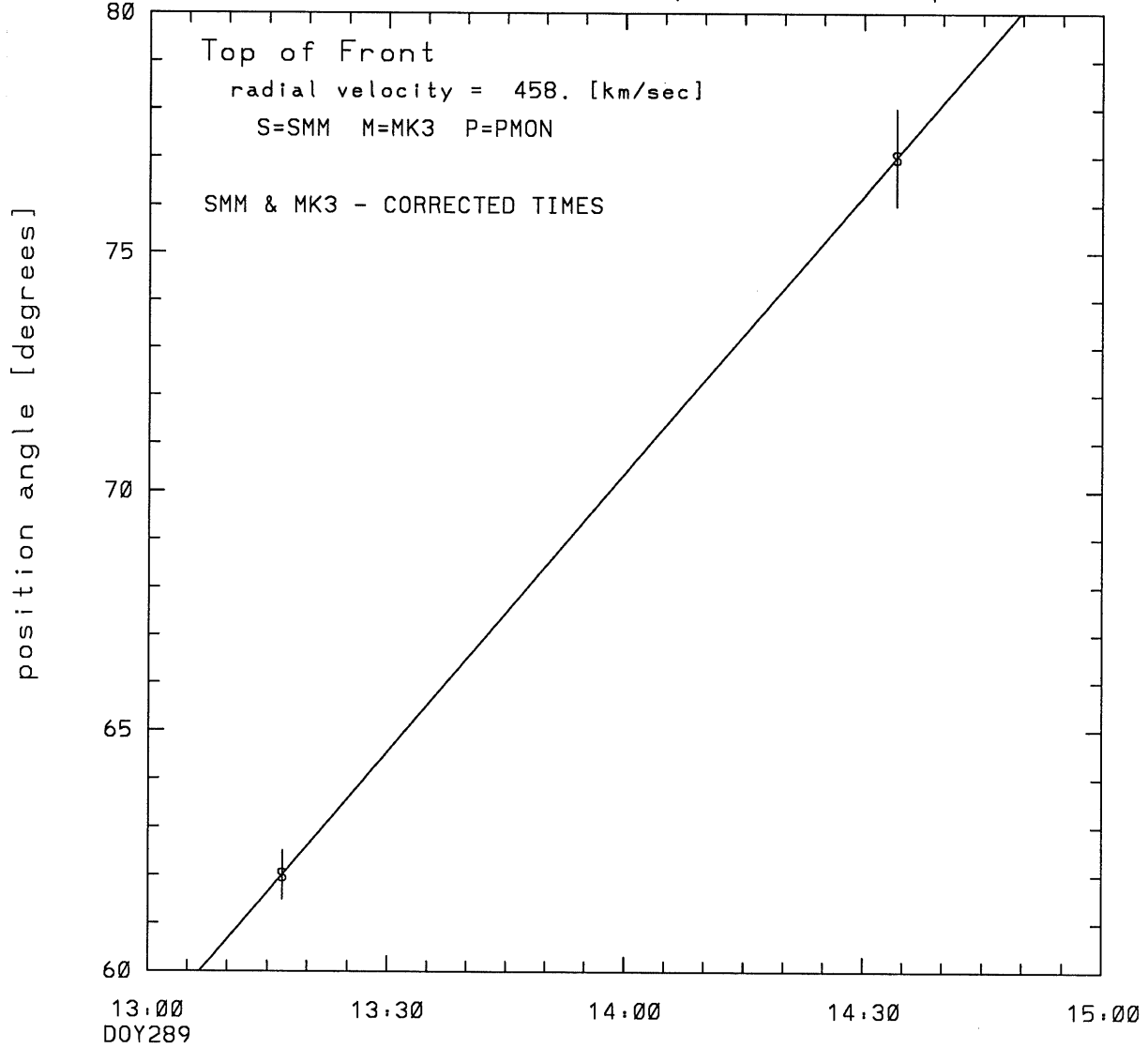
SMM C/P 1988 DOY289 69 +/- 8 degrees



tstart=DOY289 12:48 +/- 0.0 [min.]
radial velocity= 458. +/- 0. [km/sec]

SMM C/P 1988 DOY289 69 +/- 8 degrees

angle = initial angle + angular velocity * time # data pts used = 2



tstart=DOY289 12:48 +/- 0.0 [min.]
angular velocity=0.564E-04 +/- 0.567E-10 [rad/sec]

This is a 1 order run

INPUT:

year	day	time	radii	radius	error in angle	error in angle	datatype
1988	289	13:16:50	2.15 +/-	0.15	62.0 +/-	0.5	SMM
1988	289	14:34: 9	5.20 +/-	0.15	77.0 +/-	1.0	SMM

Structure being measured:
Top of ~~Front~~-LOOP

OUTPUT:

START TIME:

Event began at $t = 0 + -0.123E+02 +/- 0.000E+00$ [minutes]
In more convenient units:
Event began at DOY 289 12:48 +/- 0.000E+00 [minutes]
Origin defined at DOY289 13: 0

RADIAL INFORMATION:

RADIAL VELOCITY = 458. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

$c(1) = 0.149E+01 +/- 0.000E+00$ [solar radii]
 $c(2) = 0.394E-01 +/- 0.000E+00$ [radii/min]
 $c(2) = 0.458E+03 +/- 0.000E+00$ [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 = $0.5643E-04 +/- 0.5673E-10$ [radians/sec]

The computed ANGULAR coefficients and errors FROM NLLST2 are:

$a(1) = 59. +/- 0.$ [degrees]
 $a(2) = 0.194E+00 +/- 0.195E-06$ [degrees/min]
 $a(2) = 0.564E-04 +/- 0.567E-10$ [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 13:16 = 458. km/sec

The RADIAL velocity at 14:34 = 458. 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!