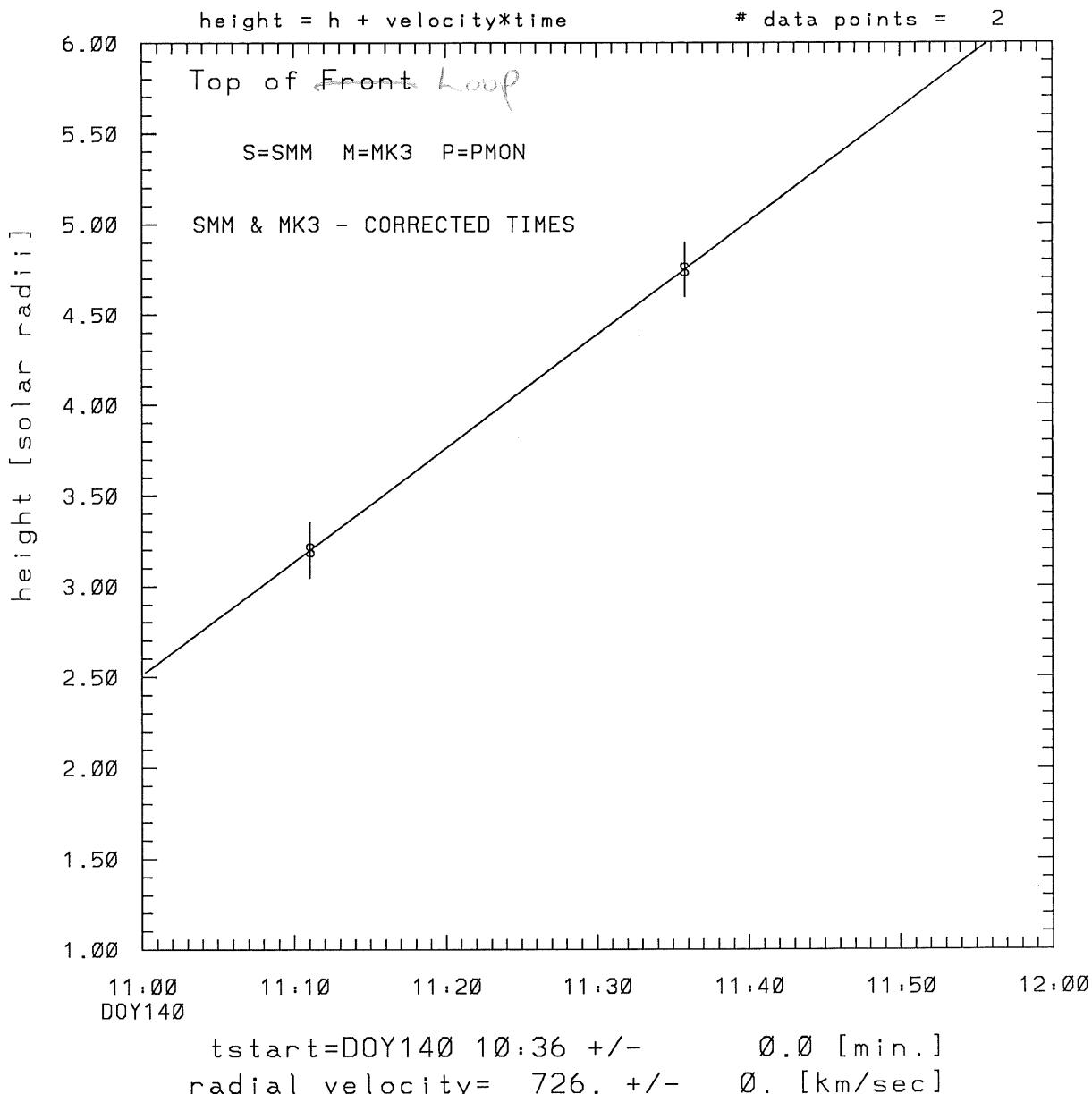
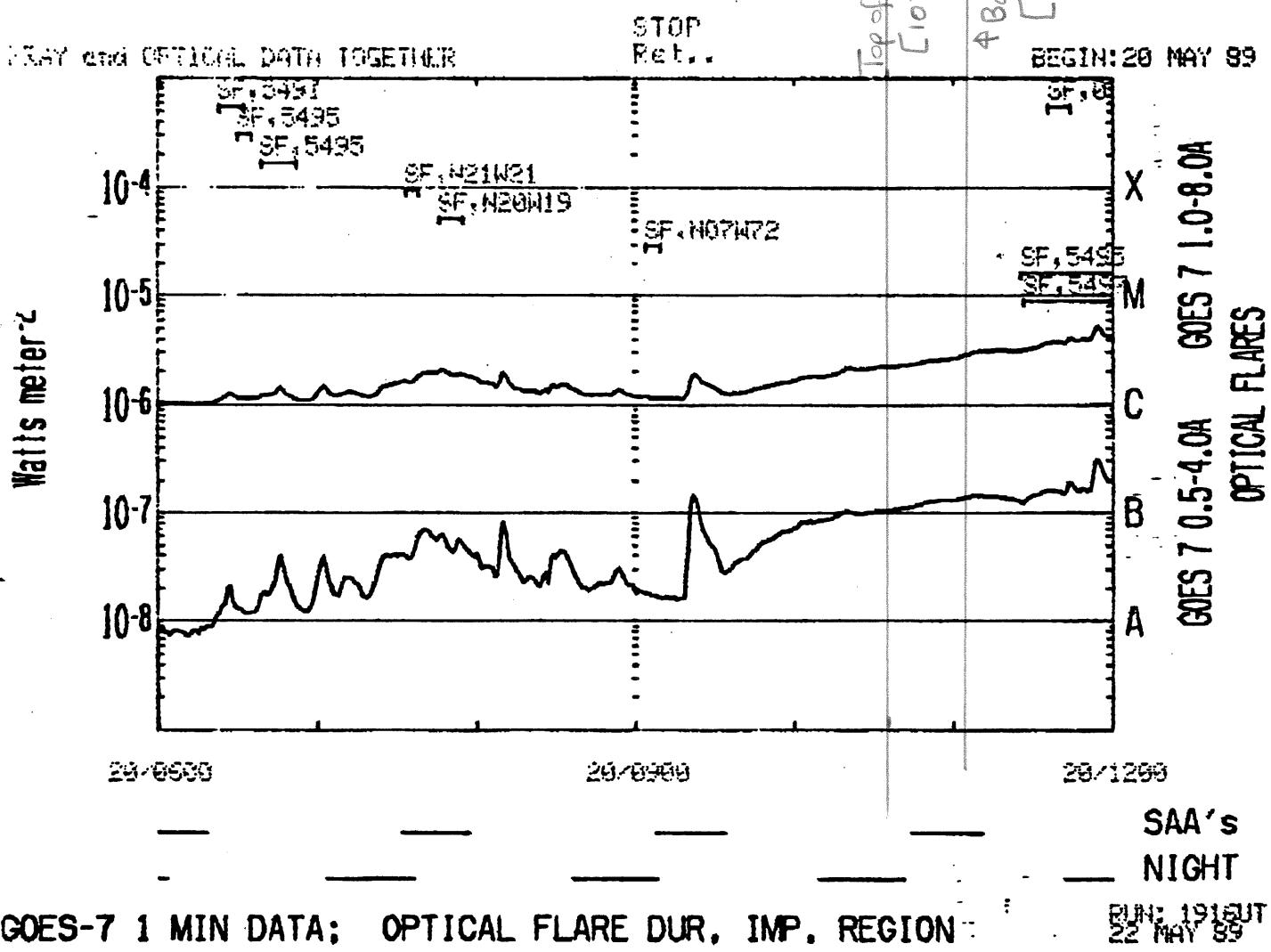


SMM C/P 1989 DOY140 270 +/- 0 degrees



1989 Day 140

FLUX and OPTICAL DATA TOGETHER



This is a 1 order run

INPUT:

year	doy	time	radii	radius	angle	angle	datatype
1989	140	11:11: 3	3.20	+/- 0.15	270.0	+/- 1.0	SMM
1989	140	11:35:48	4.75	+/- 0.15	270.0	+/- 1.0	SMM

Structure being measured:

Top of Front

OUTPUT:

START TIME:

Event began at t = 0 + -0.241E+02 +/- 0.000E+00 [minutes]

In more convenient units:

Event began at DOY 140 10:36 +/- 0.000E+00 [minutes]

Origin defined at DOY140 11: 0

RADIAL INFORMATION:

RADIAL VELOCITY = 726. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.251E+01 +/- 0.722E-06 [solar radii]
c(2) = 0.626E-01 +/- 0.272E-07 [radii/min]
c(2) = 0.726E+03 +/- 0.316E-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) = 270. +/- 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 11:11 = 0. km/sec
The TOTAL velocity at 11:11 = 726. km/sec

The TANGENTIAL velocity at 11:35 = 0. km/sec
The TOTAL velocity at 11:35 = 726. km/sec

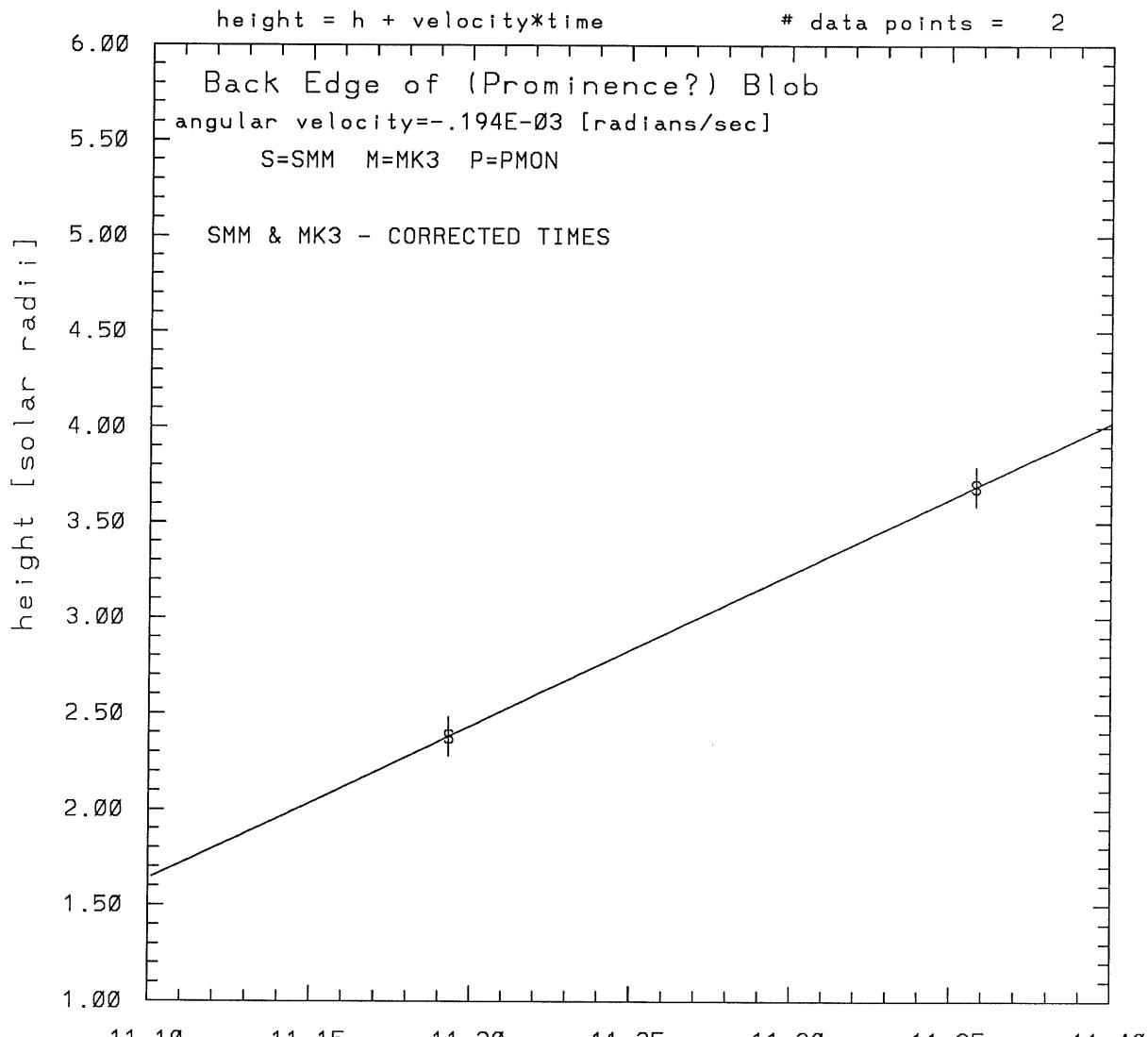
The following info is for estimating goodness of the fit

Number data points = number of coefficients. No error analysis is possible.

Correlation coefficient is not computable!

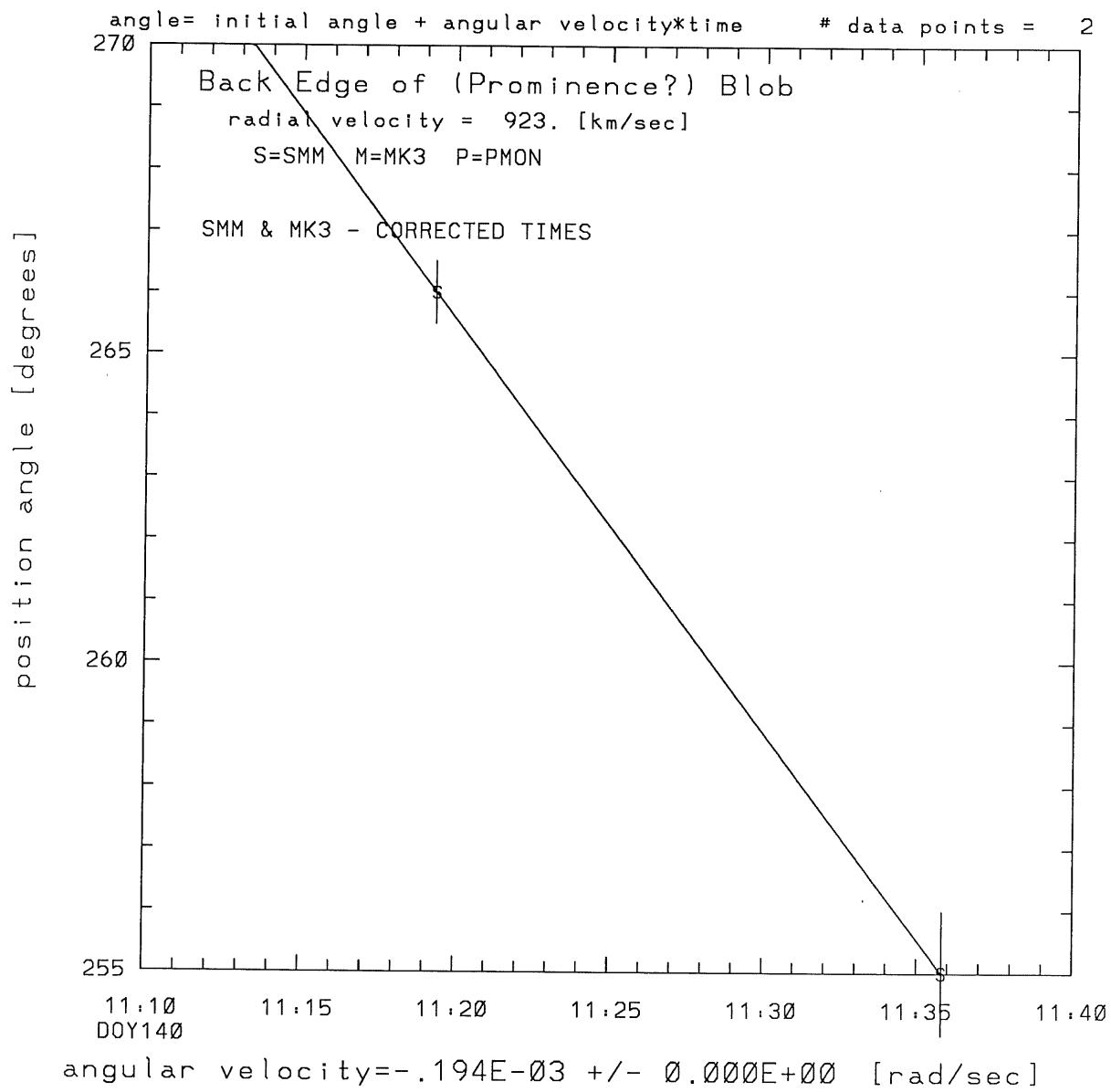


SMM C/P 1989 DOY140 260 +/- 6 degrees



tstart=DOY140 11: 2 +/- 0.0 [min.]
radial velocity= 923. +/- 0. [km/sec]

SMM C/P 1989 DOY140 260 +/- 6 degrees



This is a 1 order run

INPUT:

year	doy	time	radii	radius	angle	angle	datatype
1989	140	11:19:20	2.38	+/- 0.10	266.0	+/- 0.5	SMM
1989	140	11:35:48	3.69	+/- 0.10	255.0	+/- 1.0	SMM

Structure being measured:
Back Edge of (Prominence?) Blob

OUTPUT:

START TIME:

Event began at $t = 0 + -0.801E+01 +/ - 0.000E+00$ [minutes]
In more convenient units:
Event began at DOY 140 11: 2 +/ - 0.000E+00 [minutes]

Origin defined at DOY140 11:10

RADIAL INFORMATION:

RADIAL VELOCITY = 923. +/ - 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) =	0.164E+01	+/- 0.397E-06	[solar radii]
c(2) =	0.796E-01	+/- 0.205E-07	[radii/min]
c(2) =	0.923E+03	+/- 0.238E-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 = -0.1943E-03 +/ - 0.0000E+00[radians/sec]

The computed ANGULAR coefficients and errors FROM NLLST2 are:

a(1) =	272.	+/- 0.	[degrees]
a(2) =	-0.668E+00	+/- 0.000E+00	[degrees/min]
a(2) =	-0.194E-03	+/- 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, RADIAL AND TOTAL SPEEDS AT EACH DATA POINT ARE:
The TANGENTIAL velocity at 11:19 = -321. km /sec
The RADIAL velocity at 11:19 = 923. km/sec

The TOTAL velocity at 11:19 = 977. km/sec

The TANGENTIAL velocity at 11:35 = -498. km /sec
The RADIAL velocity at 11:35 = 923. km/sec

The TOTAL velocity at 11:35 = 1049. 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!