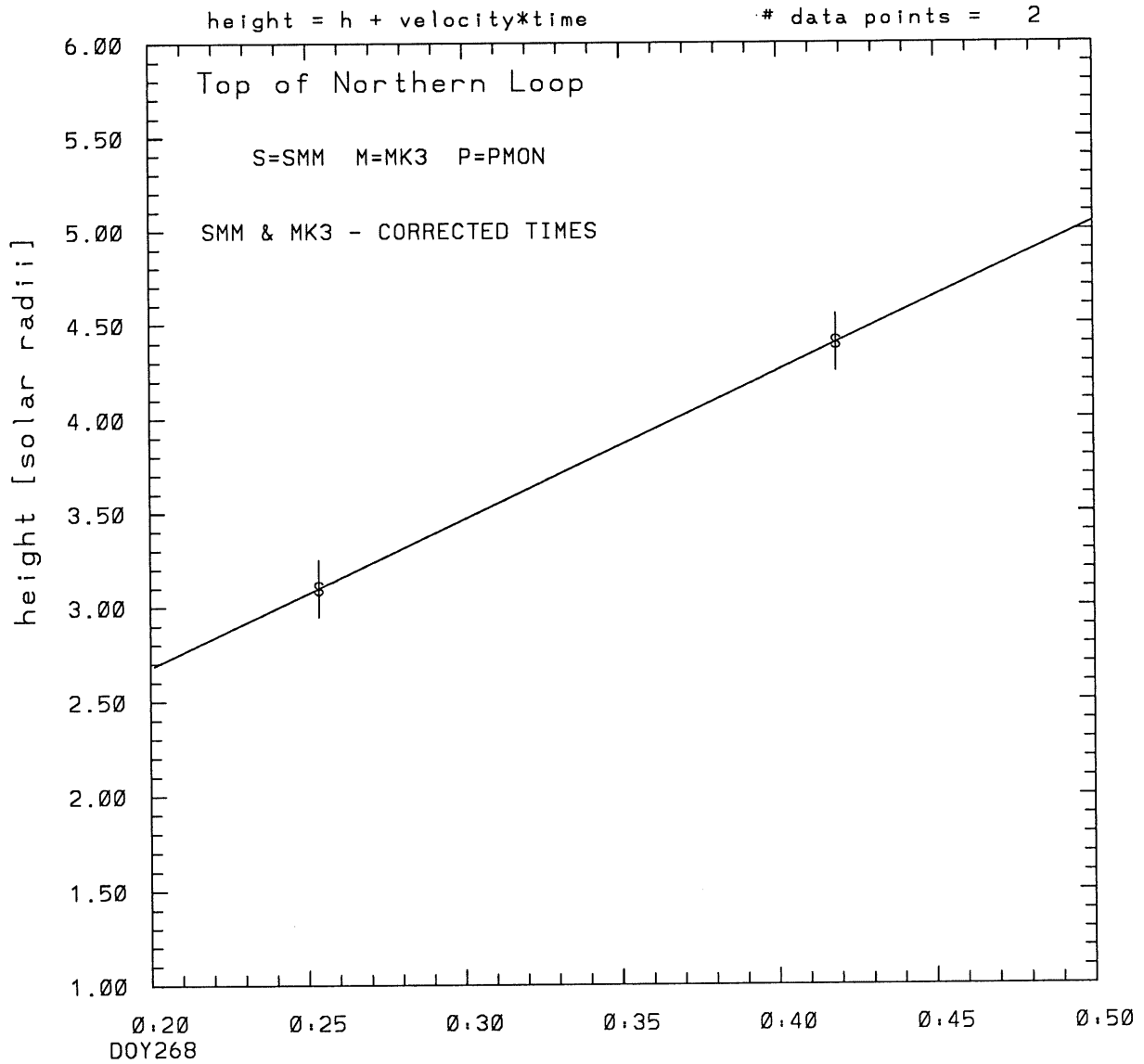


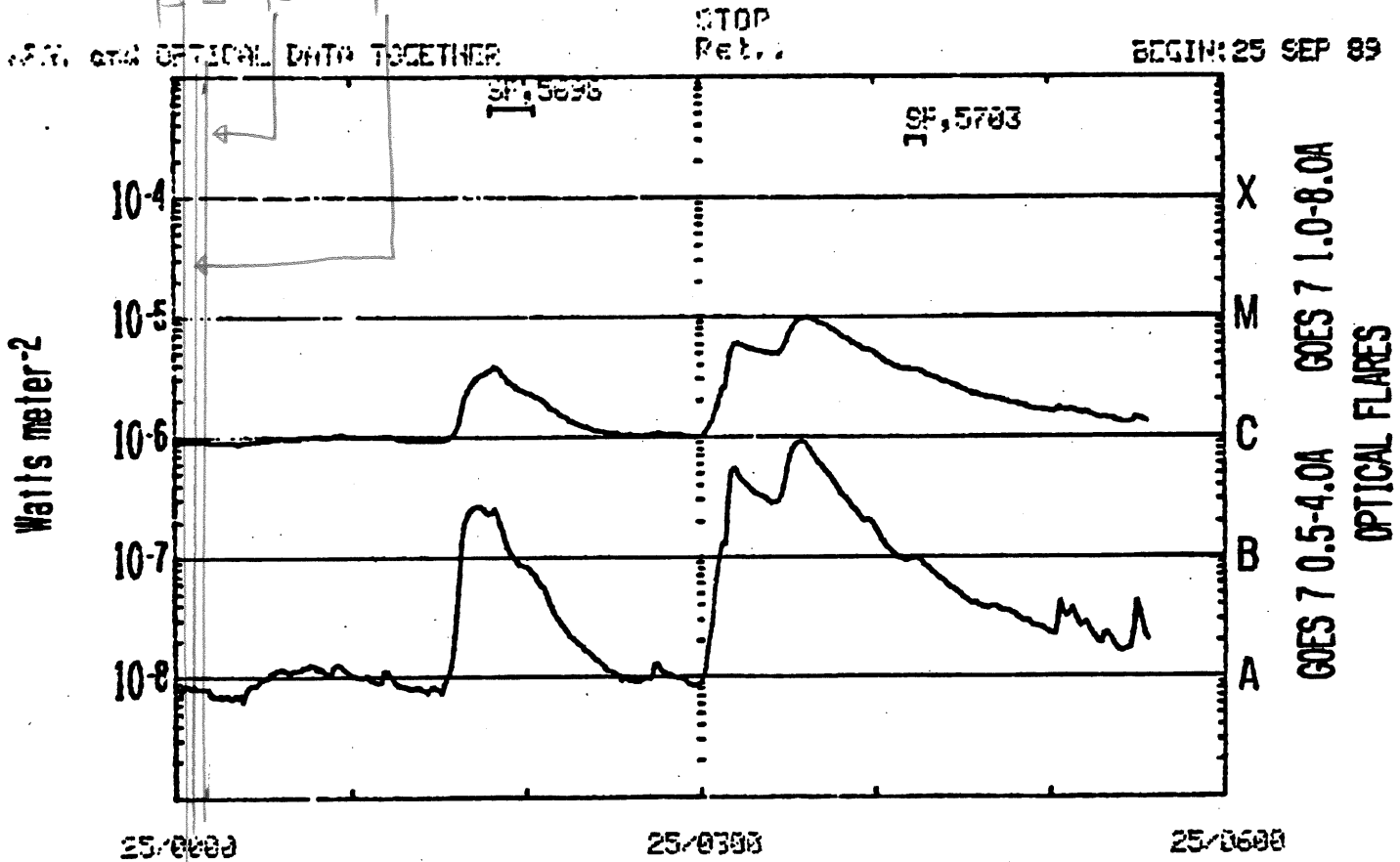
SMM C/P 1989 DOY268 310 +/- 0 degrees



tstart=DOY267 23:59 +/- 0.0 [min.]  
radial velocity= 913. +/- 0. [km/sec]

1989 DOY 268

Top of Front center = 313°  
[0:02] 1st order only  
Top of Leading Edge of Cavity  
[0:11] 1st order only  
Top of Cavity  
[0:17] 1st order only



GOES-7 1 MIN DATA: OPTICAL FLARE DUR, IMP, REGION

SAA's  
NIGHT  
RUN: 2189UT  
25 SEP 89

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

\*\*\*\*\*  
INPUT:  
\*\*\*\*\*

year	doy	time	radii	radius	error in angle	error in angle	datatype
1989	268	0:25:21	3.10 +/-	0.15	310.0 +/-	1.0	SMM
1989	268	0:41:52	4.40 +/-	0.15	310.0 +/-	1.0	SMM

\*\*\*\*\*  
Structure being measured:  
Top of Northern Loop  
\*\*\*\*\*

\*\*\*\*\*  
OUTPUT:  
\*\*\*\*\*

START TIME:

Event began at  $t = 0 + -0.213E+02 +/- 0.000E+00$  [minutes]  
In more convenient units:  
Event began at DOY 267 23:59 +/- 0.000E+00 [minutes]

Origin defined at DOY268 0:20

RADIAL INFORMATION:

RADIAL VELOCITY = 913. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.268E+01 +/- 0.117E-05 [solar radii]  
c(2) = 0.787E-01 +/- 0.736E-07 [radii/min]  
c(2) = 0.913E+03 +/- 0.854E-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) = 310. +/- 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 RADIAL velocity at 0:25 = 913. km/sec

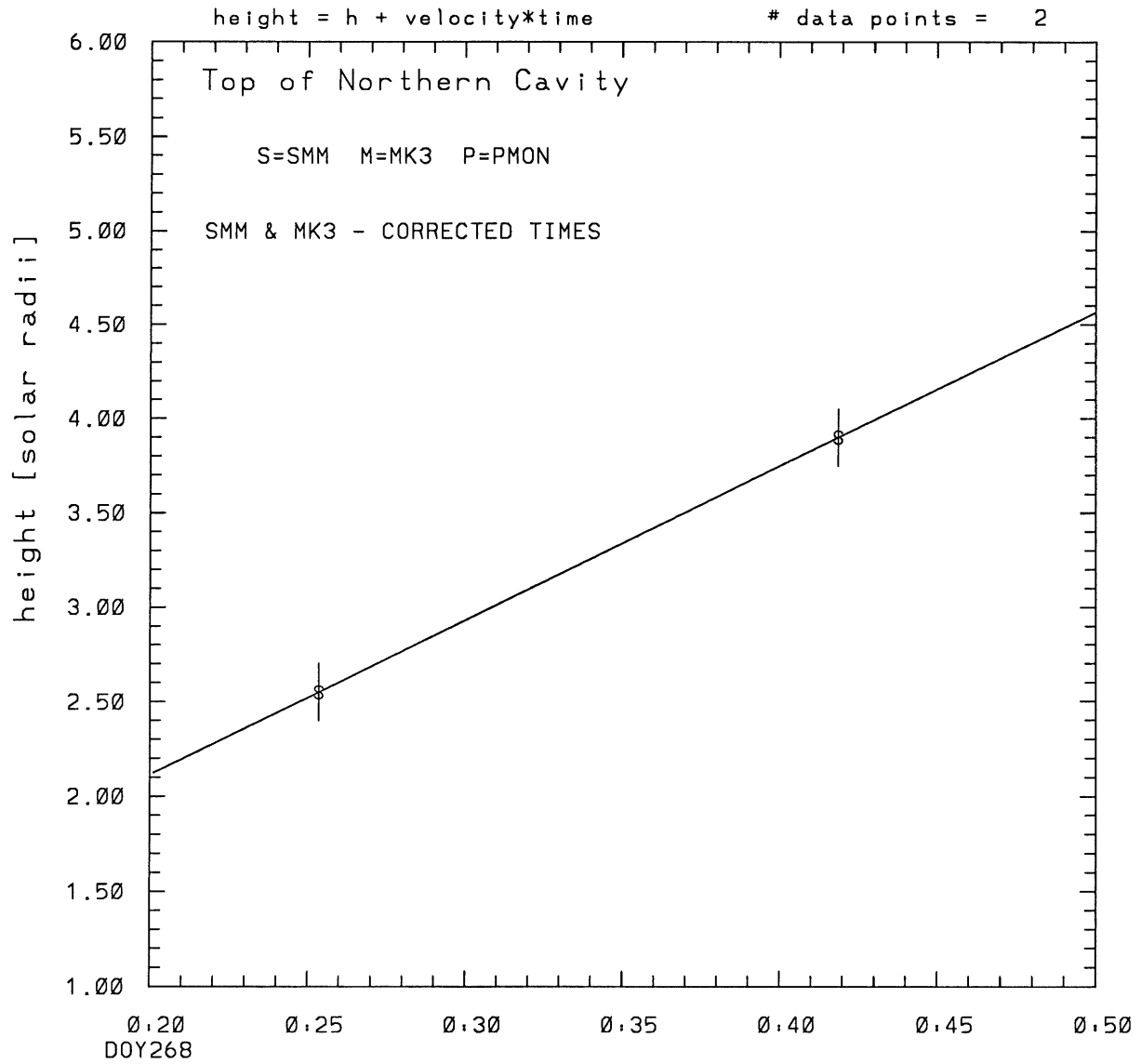
The RADIAL velocity at 0:41 = 913. km/sec

\*\*\*\*\*  
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 DOY268 310 +/- 0 degrees



tstart=DOY268 0: 8 +/- 0.0 [min.]  
radial velocity= 948. +/- 0. [km/sec]

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

\*\*\*\*\*  
INPUT:  
\*\*\*\*\*

year	day	time	radii	radius	error in angle	error in angle	datatype
1989	268	0:25:21	2.55 +/- 0.15	310.0 +/- 0.5			SMM
1989	268	0:41:52	3.90 +/- 0.15	310.0 +/- 1.0			SMM

\*\*\*\*\*  
Structure being measured:  
Top of Northern Cavity  
\*\*\*\*\*

\*\*\*\*\*  
OUTPUT:  
\*\*\*\*\*

START TIME:

Event began at t = 0 + -0.136E+02 +/- 0.000E+00 [minutes]  
In more convenient units:  
Event began at DOY 268 0: 8 +/- 0.000E+00 [minutes]

Origin defined at DOY268 0:20

RADIAL INFORMATION:

RADIAL VELOCITY = 948. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.211E+01 +/- 0.325E-06 [solar radii]  
c(2) = 0.817E-01 +/- 0.204E-07 [radii/min]  
c(2) = 0.948E+03 +/- 0.237E-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) = 310. +/- 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 RADIAL velocity at 0:25 = 948. km/sec

The RADIAL velocity at 0:41 = 948. 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!