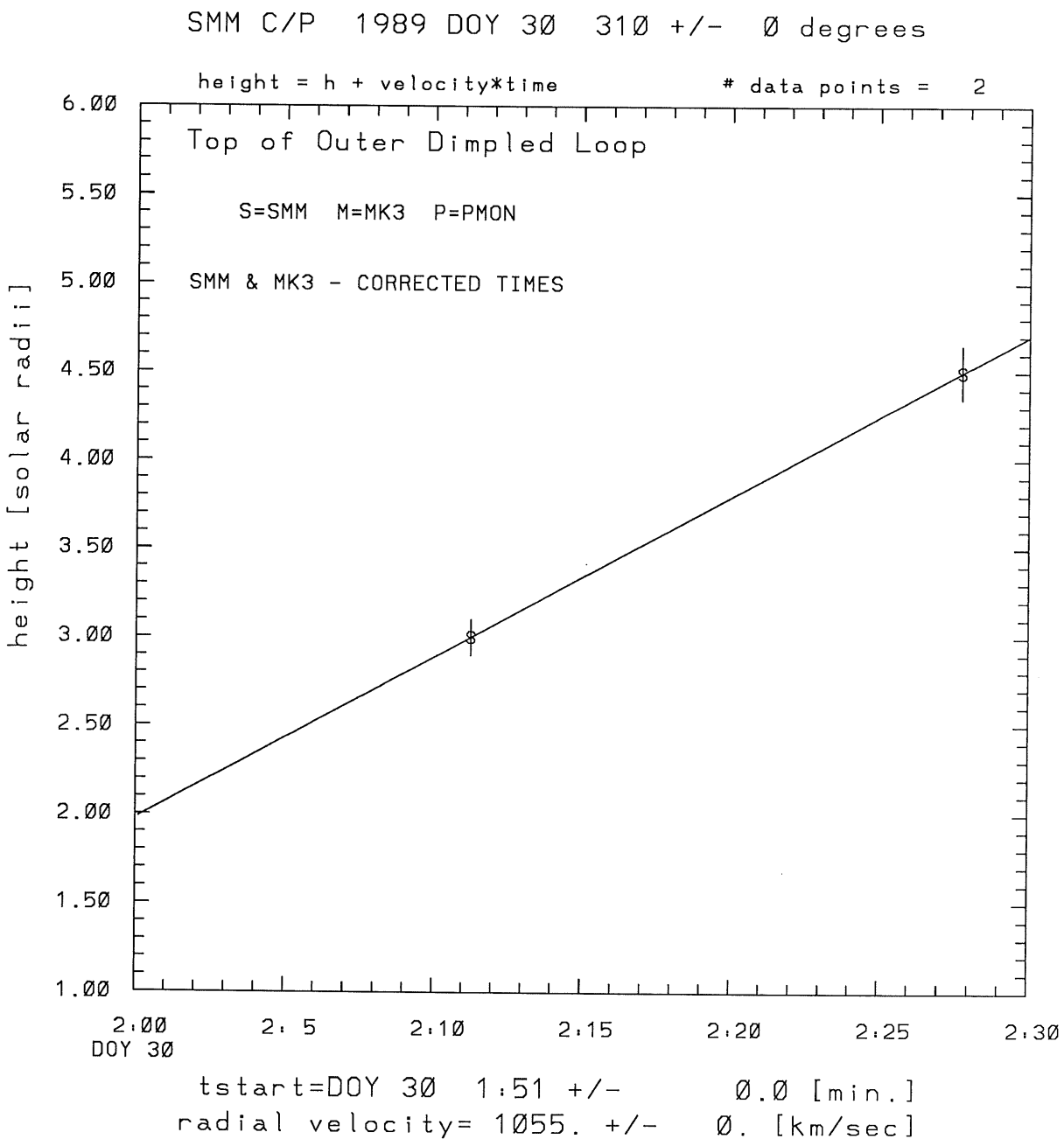
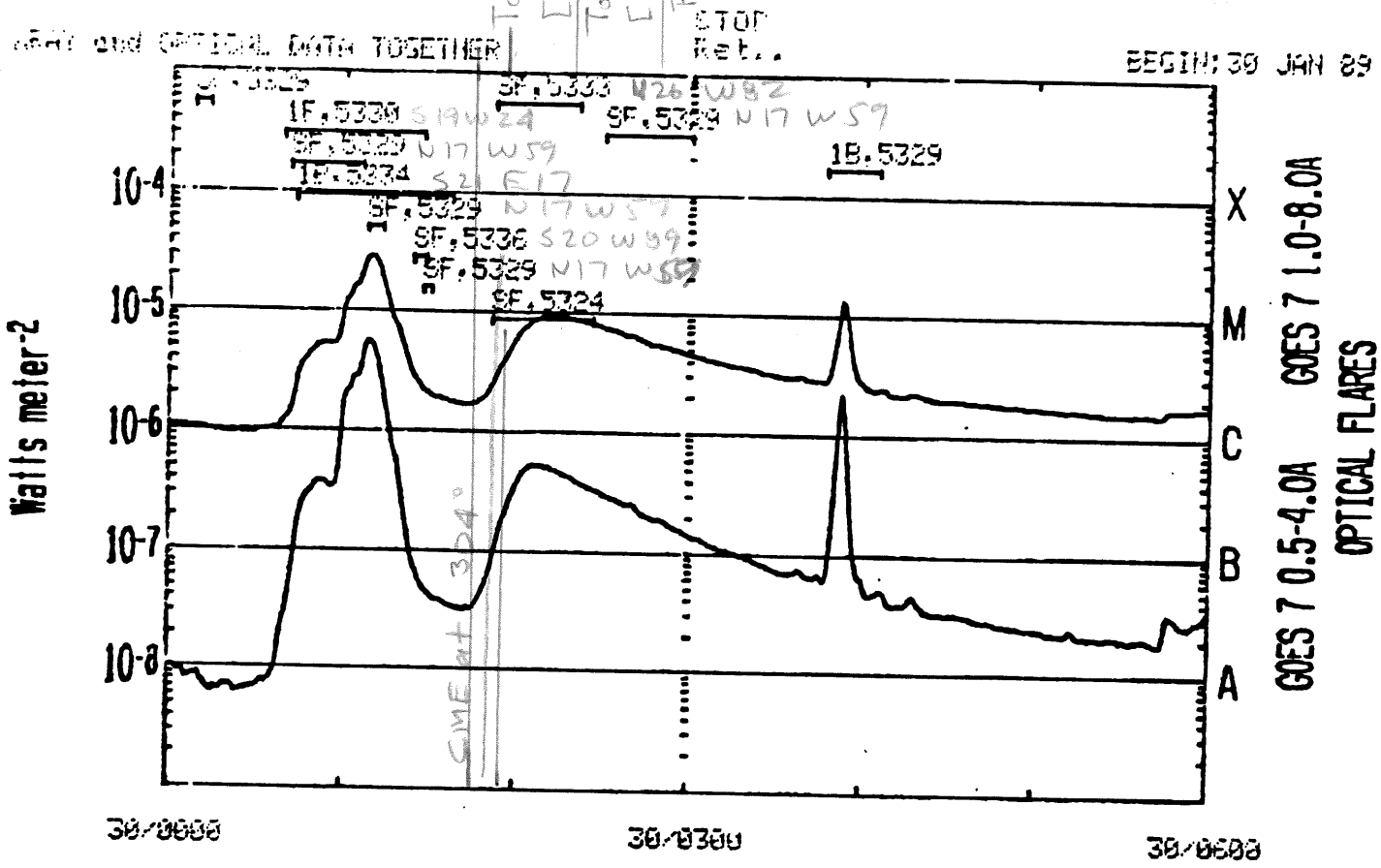

SMM C/P 1989 DOY 30 310 +/- 0 degrees
height = h + velocity*time
# data points = 2
Top of Outer Dimpled Loop
S=SMM M=MK3 P=PMON
SMM & MK3 - CORRECTED TIMES
height [solar radii]
6.00
5.50
5.00
4.50
4.00
3.50
3.00
2.50
2.00
1.50
1.00
2:00
DOY 30
2: 5
2:10
2:15
2:20
2:25
2:30
tstart=DOY 30 1:51 +/- 0.0 [min.]
radial velocity= 1055. +/- 0. [km/sec]

1989 Doy 30



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

RUN: 2112UT
6 FEB 89

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

****
INPUT:
****

year	doy	time	radii	error in radius	angle	error in angle	datatype
1989	30	2:11:16	3.00	+/- 0.10	310.0	+/- 0.5	SMM
1989	30	2:27:46	4.50	+/- 0.15	310.0	+/- 0.5	SMM

****
Structure being measured:
Top of Outer Dimpled Loop
****

****
OUTPUT:
****

START TIME:

Event began at t = 0 + -0.107E+02 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 30 1:51 +/- 0.000E+00 [minutes]

Origin defined at DOY 30 2: 0

RADIAL INFORMATION:

RADIAL VELOCITY = 1055. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.198E+01 +/- 0.395E-05 [solar radii]
c(2) = 0.909E-01 +/- 0.219E-06 [radii/min]
c(2) = 0.105E+04 +/- 0.254E-02 [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]

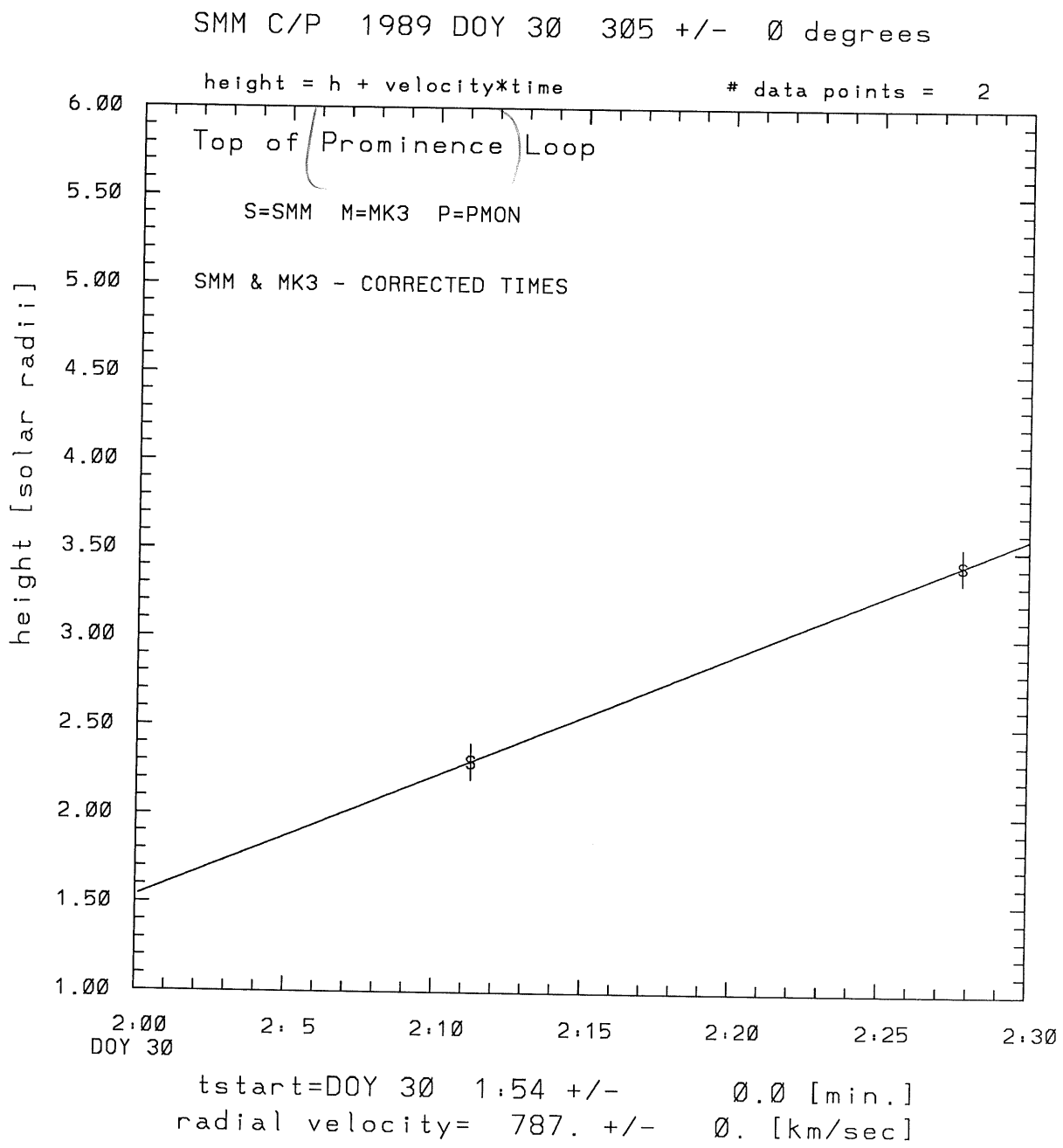
THE TANGENTIAL AND TOTAL VELOCITIES AT EACH DATA POINT ARE:
The TANGENTIAL velocity at 2:11 = 0. km/sec
The TOTAL velocity at 2:11 = 1055. km/sec

The TANGENTIAL velocity at 2:27 = 0. km/sec
The TOTAL velocity at 2:27 = 1055. 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 DOY 30 305 +/- 0 degrees
height = h + velocity*time
# data points = 2
Top of Prominence Loop
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
2:00
DOY 30
2: 5
2:10
2:15
2:20
2:25
2:30
tstart=DOY 30 1:54 +/- 0.0 [min.]
radial velocity= 787. +/- 0. [km/sec]

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

****
INPUT:
****

year	doy	time	radii	error in radius	angle	error in angle	datatype
1989	30	2:11:16	2.30	+/- 0.10	305.0	+/- 0.5	SMM
1989	30	2:27:46	3.42	+/- 0.10	305.0	+/- 0.5	SMM

****
Structure being measured:
Top of Prominence Loop
****

****
OUTPUT:
****

START TIME:

Event began at t = 0 + -0.789E+01 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 30 1:54 +/- 0.000E+00 [minutes]

Origin defined at DOY 30 2: 0

RADIAL INFORMATION:

RADIAL VELOCITY = 787. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.154E+01 +/- 0.433E-06 [solar radii]
c(2) = 0.679E-01 +/- 0.204E-07 [radii/min]
c(2) = 0.787E+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) = 305. +/- 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 2:11 = 0. km/sec
The TOTAL velocity at 2:11 = 787. km/sec

The TANGENTIAL velocity at 2:27 = 0. km/sec
The TOTAL velocity at 2:27 = 787. 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!