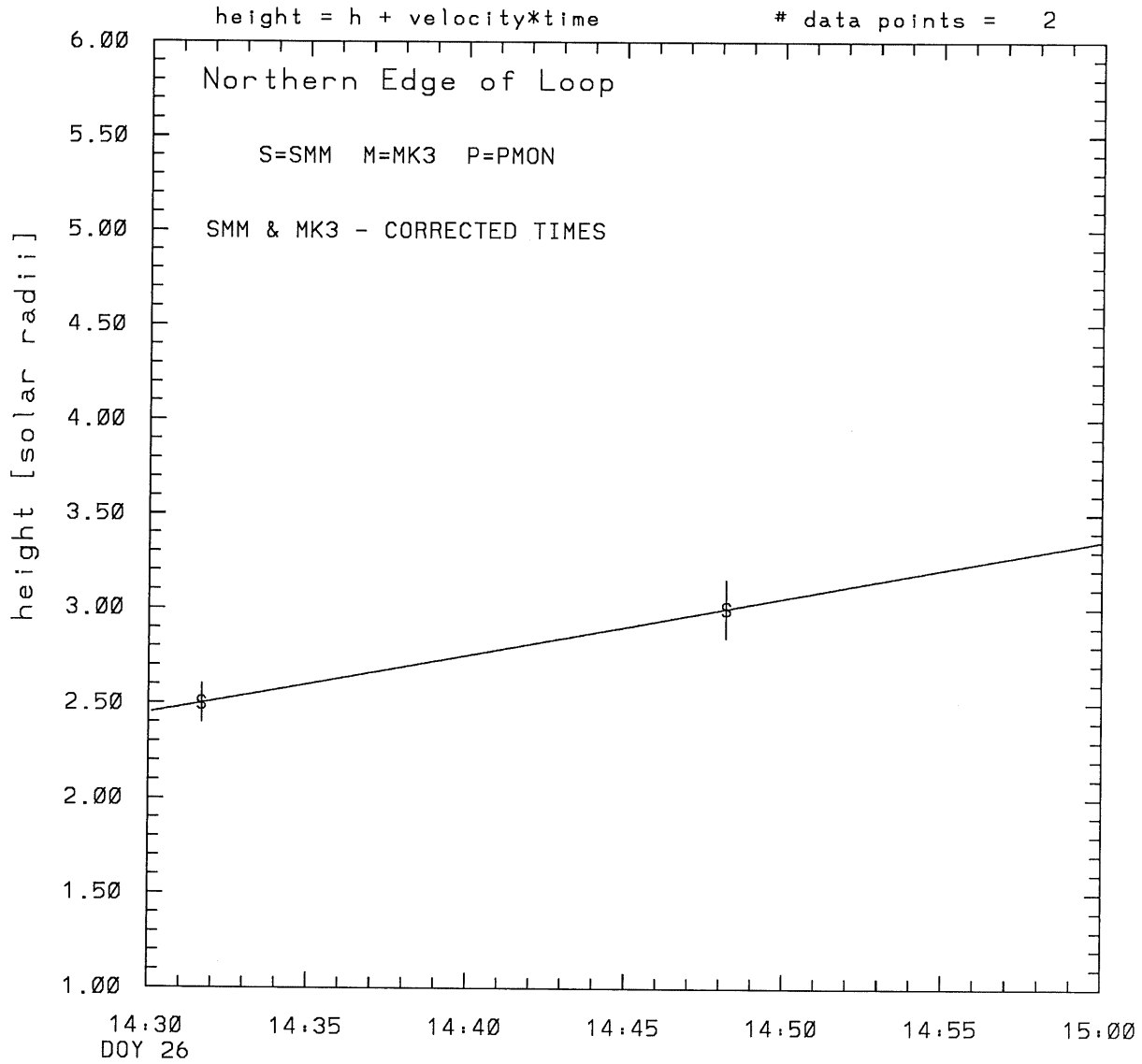


SMM C/P 1989 DOY 26 142 +/- 0 degrees



tstart=DOY 26 13:44 +/- 0.0 [min.]
radial velocity= 351. +/- 0. [km/sec]

1989 Day 26

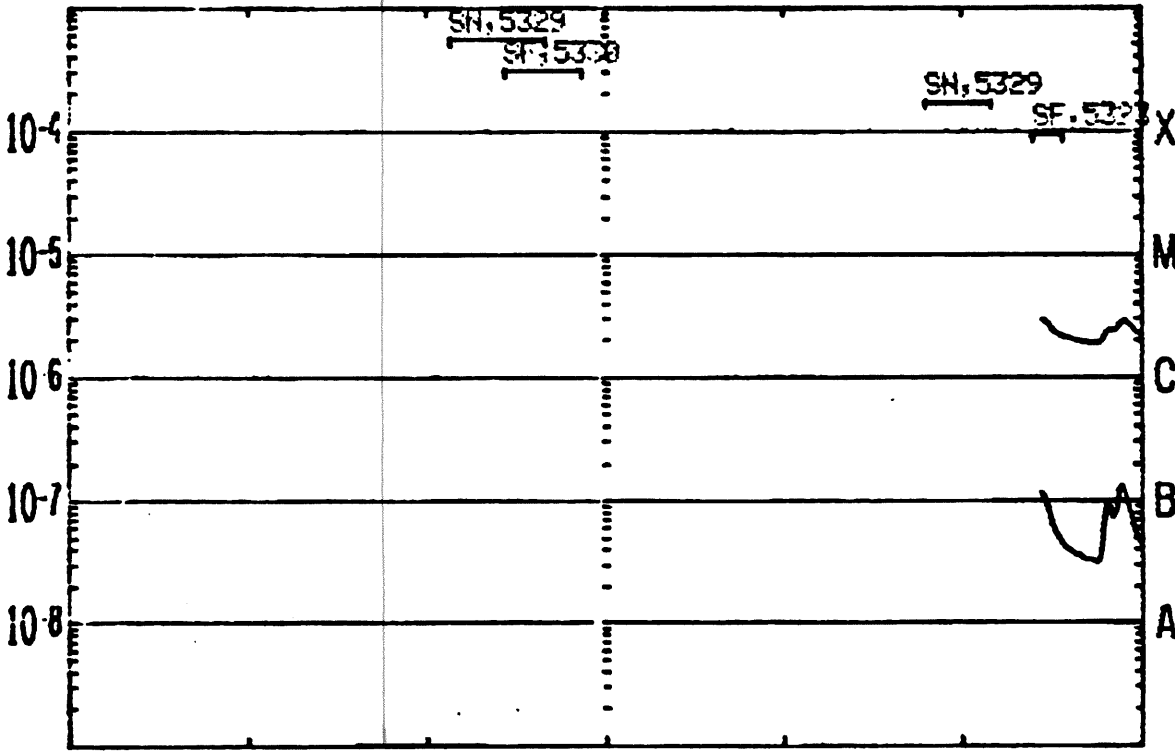
Northern Edge of Loop
[13:44] 1st boundary

RAY and OPTICAL DATA TOGETHER

STOP
Ret.

BEGIN: 26 JAN 89

Watts meter⁻²



GOES 7 0.5-4.0A GOES 7 1.0-8.0A
OPTICAL FLARES

26/1200

26/1500

26/1800

— SAA's
NIGHT

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

RUN: 1820UT
2 FEB 89

This is a 1 order run

INPUT:

year	doy	time	radii	error in radius	angle	error in angle	datatype
1989	26	14:31:40	2.50	+/- 0.10	142.0	+/- 0.5	SMM
1989	26	14:48:12	3.00	+/- 0.15	142.0	+/- 0.5	SMM

Structure being measured:

Northern Edge of Loop

OUTPUT:

START TIME:

Event began at t = 0 + -0.479E+02 +/- 0.000E+00 [minutes]

In more convenient units:

Event began at DOY 26 13:44 +/- 0.000E+00 [minutes]

Origin defined at DOY 26 14:30

RADIAL INFORMATION:

RADIAL VELOCITY = 351. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.245E+01 +/- 0.450E-06 [solar radii]
c(2) = 0.302E-01 +/- 0.442E-07 [radii/min]
c(2) = 0.351E+03 +/- 0.513E-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) = 142. +/- 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 14:31 = 0. km/sec

The TOTAL velocity at 14:31 = 351. km/sec

The TANGENTIAL velocity at 14:48 = 0. km/sec

The TOTAL velocity at 14:48 = 351. 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!