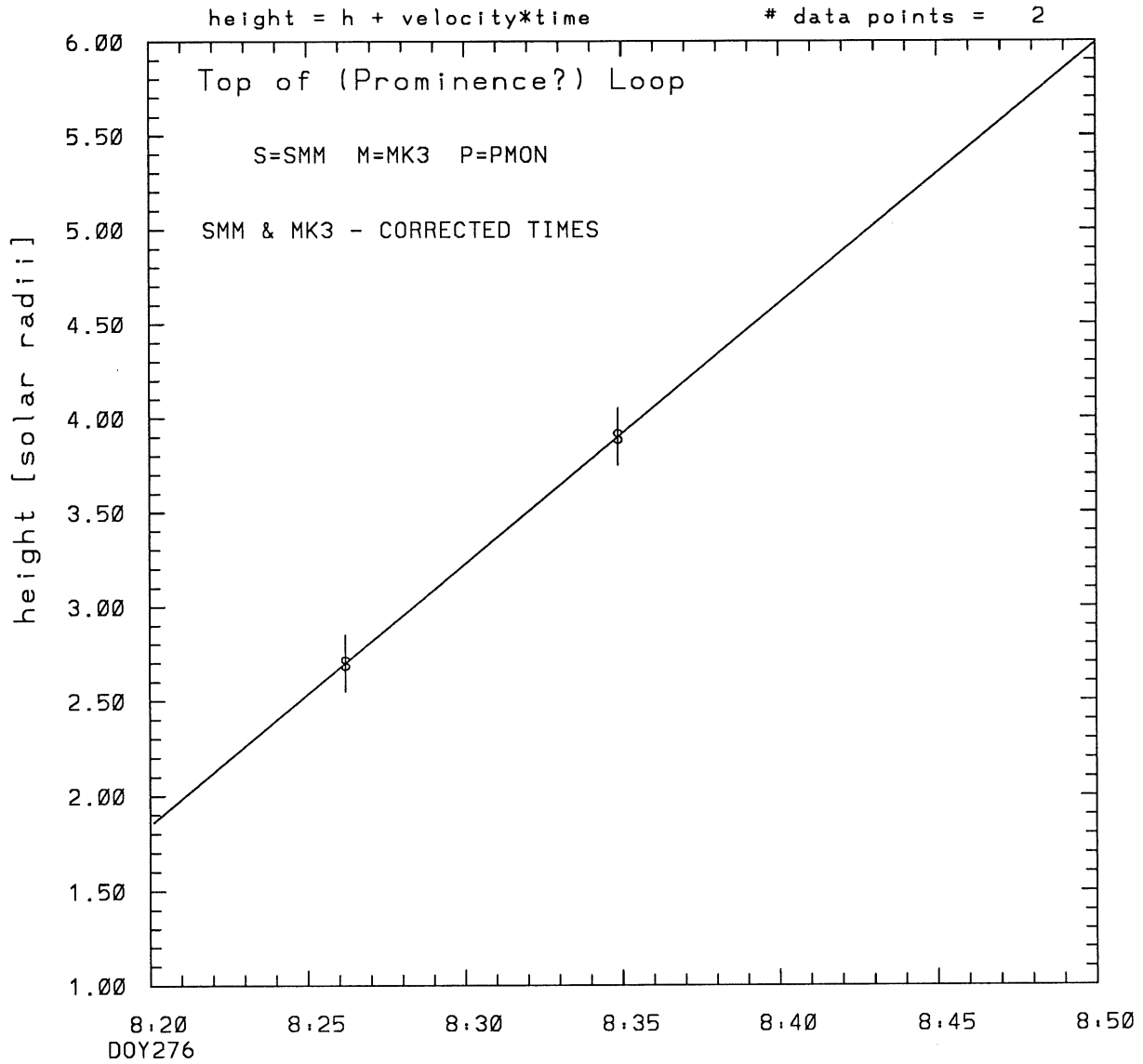


SMM C/P 1989 DOY276 213 +/- 0 degrees



tstart=DOY276 8:14 +/- 0.0 [min.]
radial velocity= 1603. +/- 0. [km/sec]

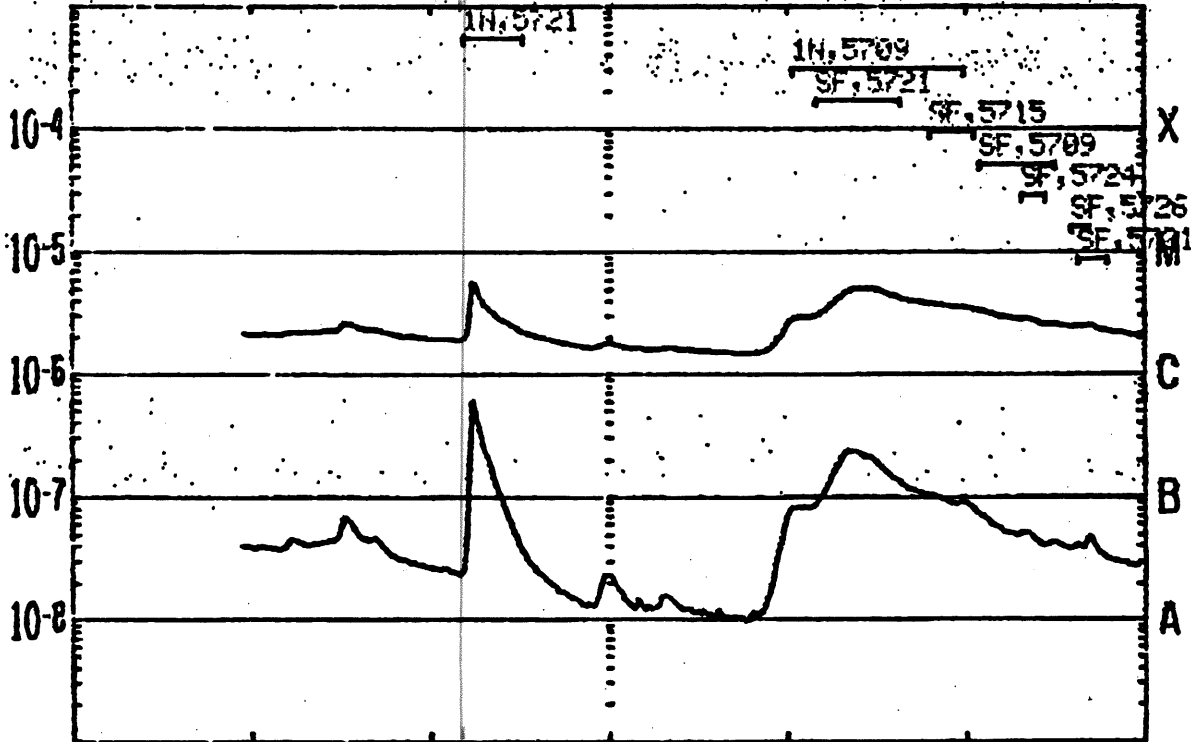
1989 DOY 276

OPTICAL DATA TOGETHER

STOP Ret.

BEGIN: 03 OCT 89

Watts meter²



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

OPTICAL FLARES

03/0500

03/0900

03/1200

SAA's NIGHT

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

RUN: 1557UT
4 OCT 89

This is a 1 order run

INPUT:

year	day	time	radii	radius	error in angle	error in angle	datatype
1989	276	8:26:12	2.70 +/-	0.15	213.0 +/-	0.5	SMM
1989	276	8:34:53	3.90 +/-	0.15	213.0 +/-	1.0	SMM

Structure being measured:
Top of (Prominence?) Loop

OUTPUT:

START TIME:

Event began at t = 0 + -0.610E+01 +/- 0.000E+00 [minutes]
In more convenient units:
Event began at DOY 276 8:14 +/- 0.000E+00 [minutes]

Origin defined at DOY276 8:20

RADIAL INFORMATION:

RADIAL VELOCITY = 1603. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.184E+01 +/- 0.626E-06 [solar radii]
c(2) = 0.138E+00 +/- 0.549E-07 [radii/min]
c(2) = 0.160E+04 +/- 0.637E-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) = 213. +/- 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 8:26 = 1603. km/sec

The RADIAL velocity at 8:34 = 1603. 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!