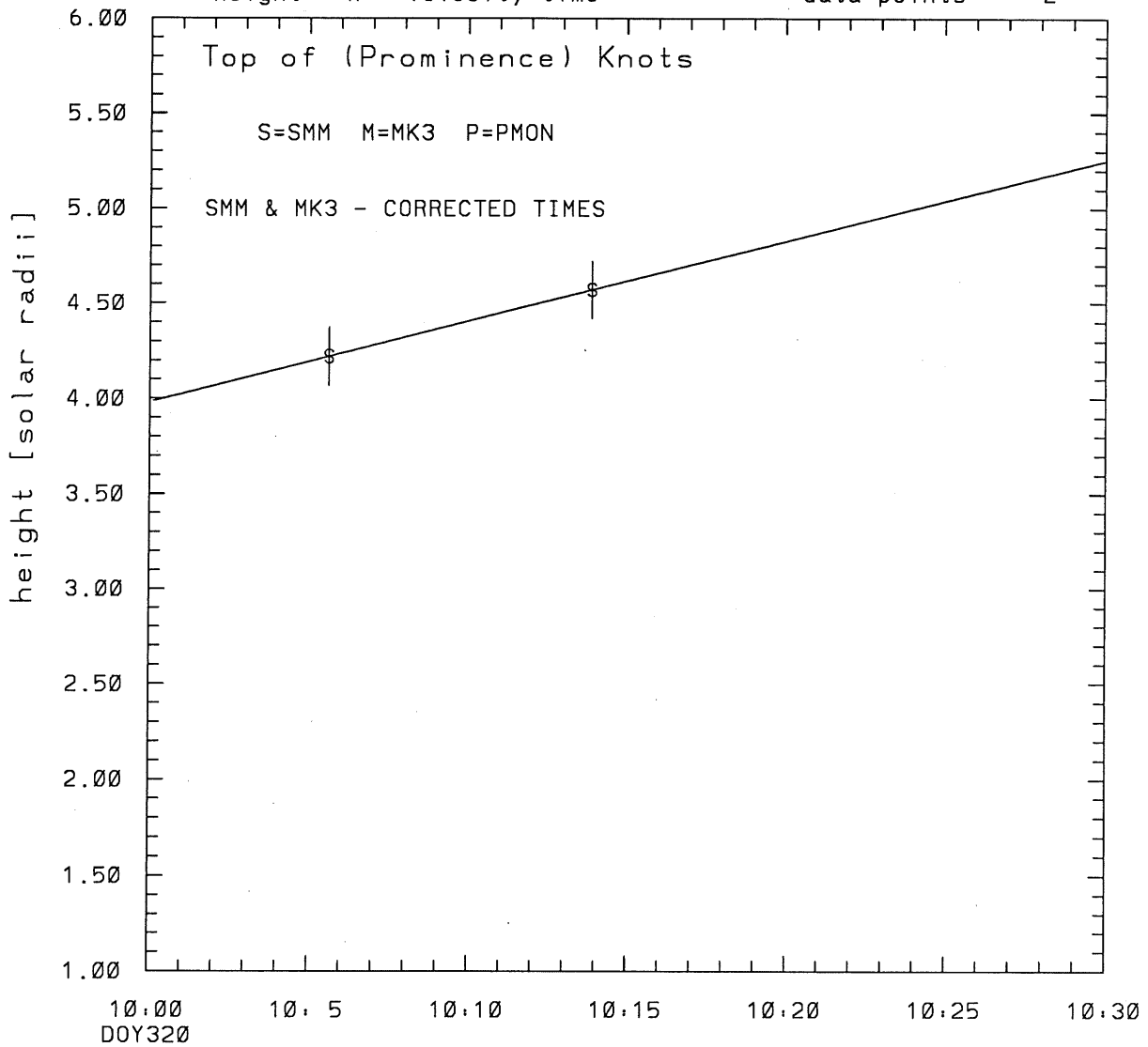


should be
190°
~~180°~~

SMM C/P 1989 DOY320 ~~180~~ +/- 0 degrees

height = h + velocity*time

data points = 2



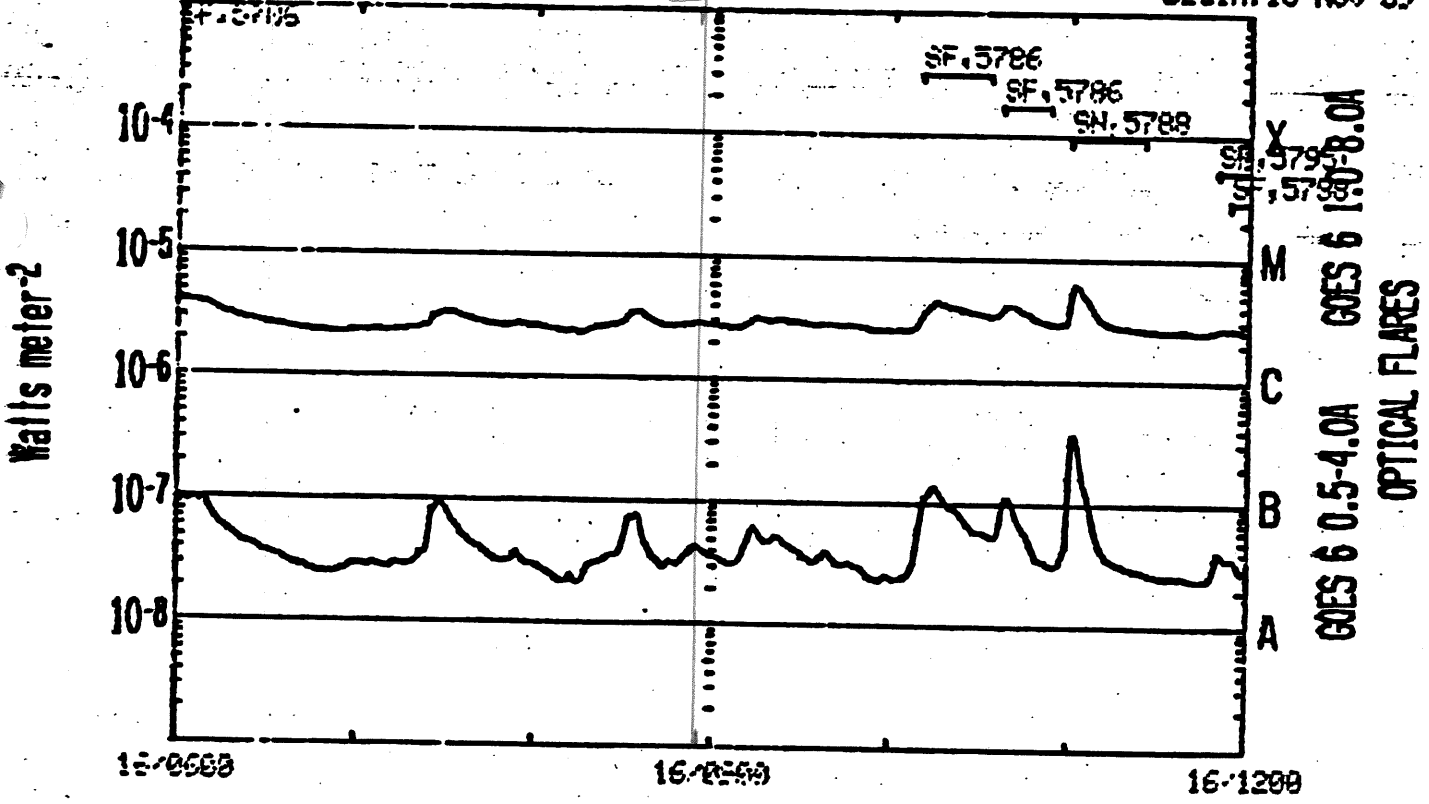
tstart=DOY320 8:50 +/- 0.0 [min.]
radial velocity= 491. +/- 0. [km/sec]

1989 Day 320

Prominence Feat. measured @ 1900 [8:54] STOP Ret. order only

DATA: opt 1 MIN DATA TOGETHER

BEGIN: 16 NOV 89



15:00:00 15:54:00 16:12:00

GOES-6 1 MIN DATA: OPTICAL FLARE DUR. IMP. REGION

SAA's NIGHT RUN: 1850UT 29 NOV 89

This is a 1 order run

should be
↓
190°
↓

INPUT:

year	day	time	radii	radius	error in angle	error in angle	datatype
1989	320	10: 5:38	4.22 +/- 0.15	160.0 +/-	1.0	SMM	
1989	320	10:13:54	4.57 +/- 0.15	160.0 +/-	1.0	SMM	

Structure being measured:
Top of (Prominence) Knots

OUTPUT:

START TIME:

Event began at $t = 0 + -0.704E+02 +/- 0.000E+00$ [minutes]
In more convenient units:
Event began at DOY 320 8:50 +/- 0.000E+00 [minutes]
Origin defined at DOY320 10: 0

RADIAL INFORMATION:

RADIAL VELOCITY = 491. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.398E+01 +/- 0.865E-06 [solar radii]
c(2) = 0.423E-01 +/- 0.816E-07 [radii/min]
c(2) = 0.491E+03 +/- 0.946E-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) = 160. +/- 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 10: 5 = 491. km/sec

The RADIAL velocity at 10:13 = 491. 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!