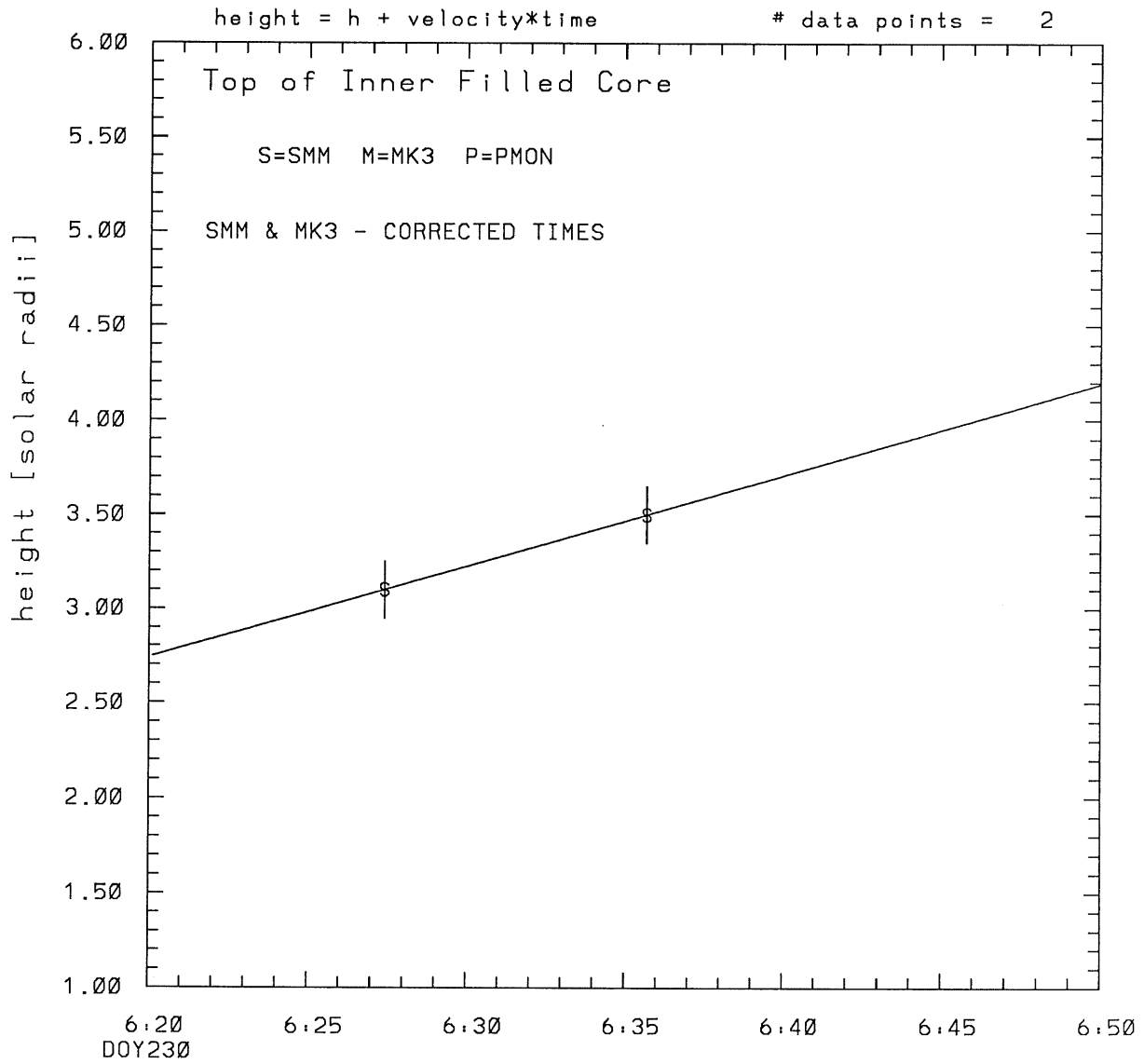


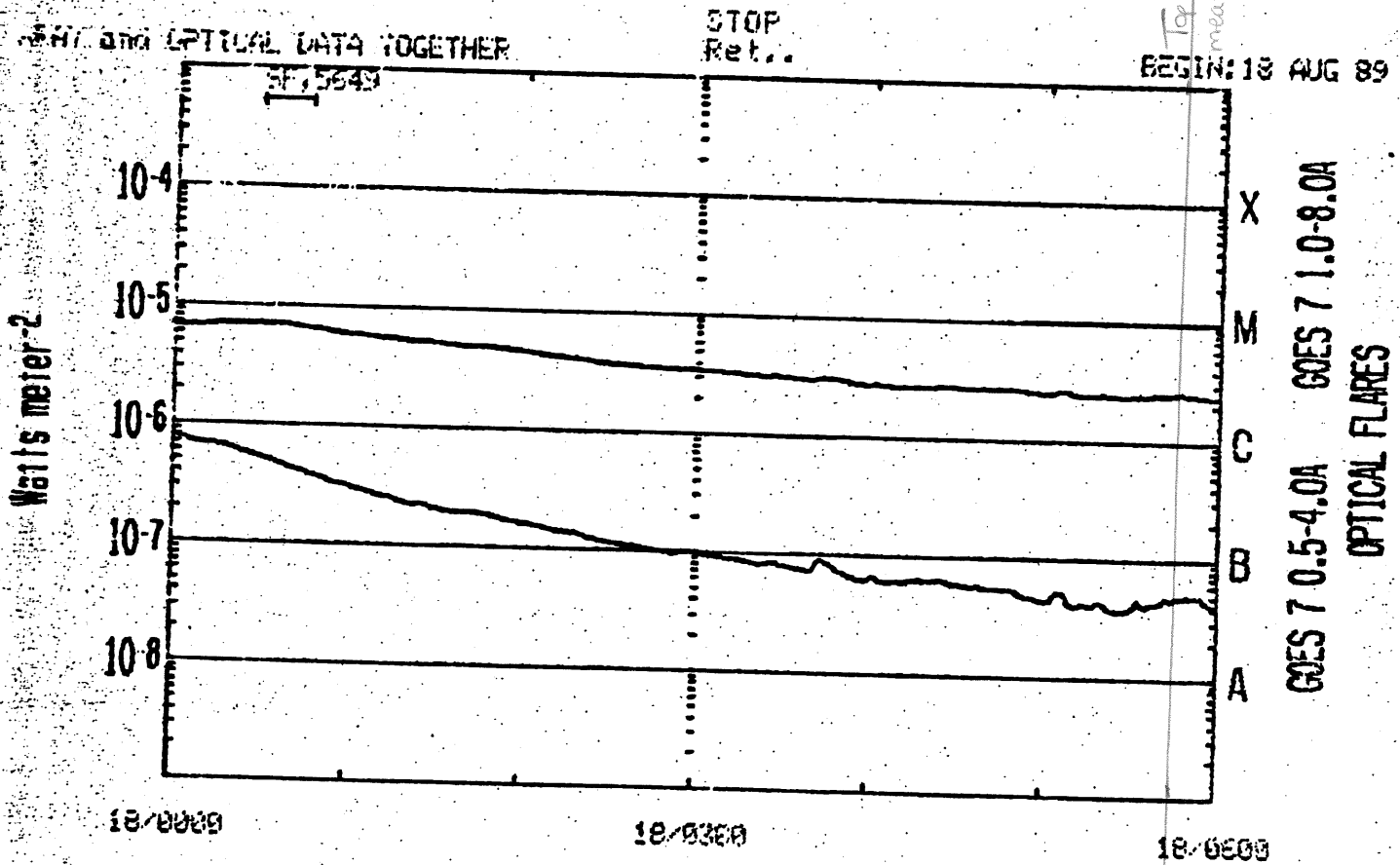
SMM C/P 1989 DOY230 252 +/- 0 degrees



tstart=DOY230 5:44 +/- 0.0 [min.]
radial velocity= 560. +/- 0. [km/sec]

1989 Day 230

Top of Inner Filled Core center = 081°
measured @ 252°, [5:44], 13T radio only



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

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

SAA's NIGHT

FILE: 2021UT 21 AUG 89

This is a 1 order run

INPUT:

year	day	time	radii	error in radius	angle	error in angle	datatype
1989	230	6:27:25	3.10	+/- 0.15	252.0	+/- 1.0	SMM
1989	230	6:35:42	3.50	+/- 0.15	252.0	+/- 1.0	SMM

Structure being measured:

Top of Inner Filled Core

OUTPUT:

START TIME:

Event began at $t = 0 + -0.361E+02 +/- 0.000E+00$ [minutes]

In more convenient units:

Event began at DOY 230 5:44 +/- 0.000E+00 [minutes]

Origin defined at DOY230 6:20

RADIAL INFORMATION:

RADIAL VELOCITY = 560. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.274E+01 +/- 0.000E+00 [solar radii]
c(2) = 0.483E-01 +/- 0.000E+00 [radii/min]
c(2) = 0.560E+03 +/- 0.000E+00 [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) = 252. +/- 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 6:27 = 0. km/sec

The TOTAL velocity at 6:27 = 560. km/sec

The TANGENTIAL velocity at 6:35 = 0. km/sec

The TOTAL velocity at 6:35 = 560. 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!