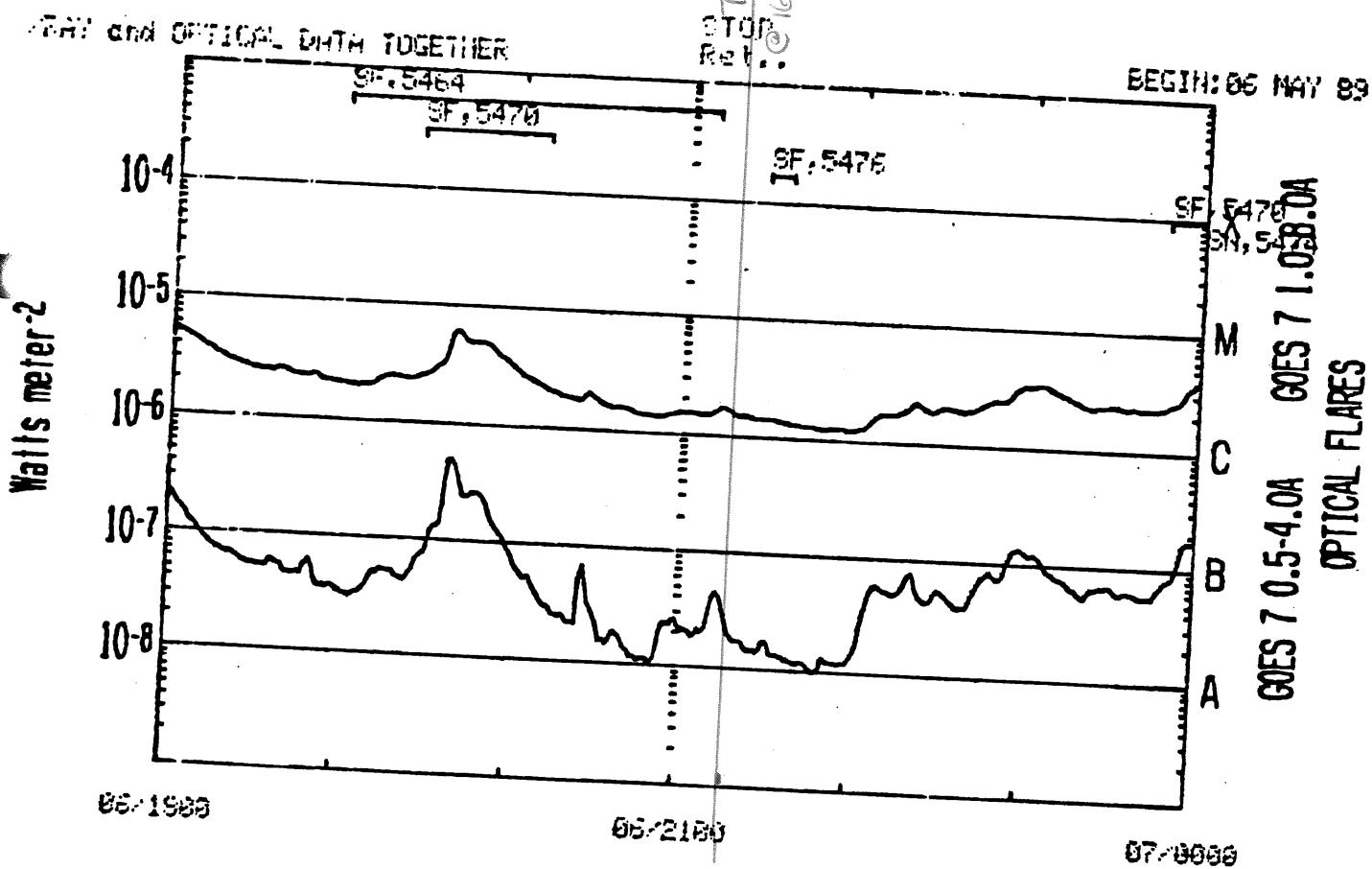


1989 Day 126

Top of Earth Gravity measured
at 168° , [21:18] 1st order only



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

SAA's
NIGHT
RUN: 1453UT
10 MAY 89

This is a 1 order run

INPUT:

year	doy	time	radii	radius	error in angle	error in angle	datatype
1989	126	22: 7:10	2.10	+/- 0.15	168.0	+/- 0.5	SMM
1989	126	23:23:34	3.75	+/- 0.20	168.0	+/- 1.0	SMM

Structure being measured:

Top of Faint Cavity

OUTPUT:

START TIME:

Event began at t = 0 + -0.438E+02 +/- 0.000E+00 [minutes]

In more convenient units:

Event began at DOY 126 21:18 +/- 0.000E+00 [minutes]

Origin defined at DOY126 22: 0

RADIAL INFORMATION:

RADIAL VELOCITY = 251. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) = 0.195E+01 +/- 0.232E-06 [solar radii]
c(2) = 0.216E-01 +/- 0.460E-08 [radii/min]
c(2) = 0.251E+03 +/- 0.533E-04 [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) = 168. +/- 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 22: 7 = 0. km/sec

The TOTAL velocity at 22: 7 = 251. km/sec

The TANGENTIAL velocity at 23:23 = 0. km/sec

The TOTAL velocity at 23:23 = 251. 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!