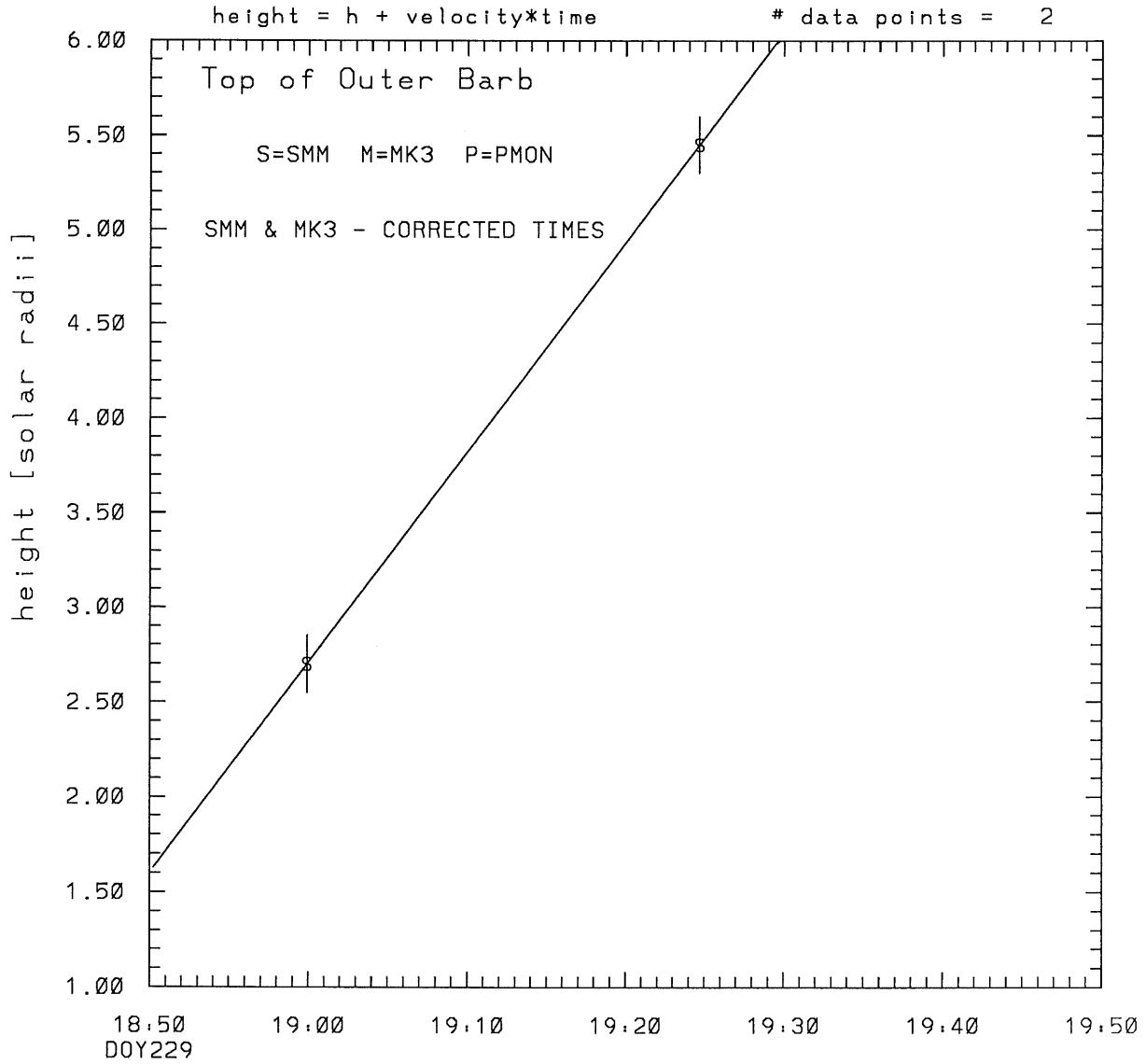
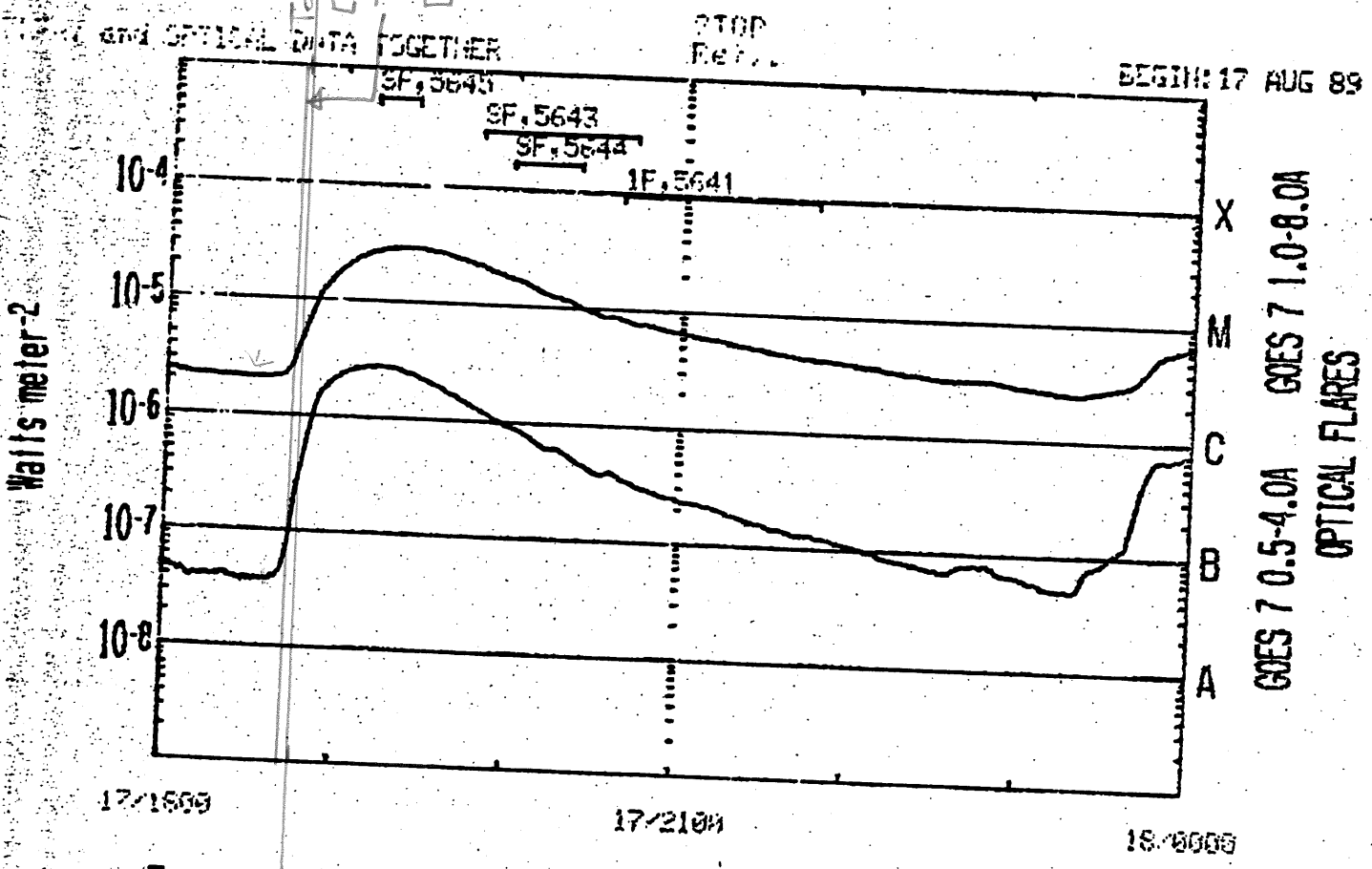


SMM C/P 1989 DOY229 263 +/- 0 degrees



tstart=DOY229 18:45 +/- 0.0 [min.]
radial velocity= 1288. +/- 0. [km/sec]

1989 DOY 229
 Top of Outer Barb center = 360°
 [18:45] 1st order only
 Top of Inner Barb
 [18:44] 1st order only



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

SAA's NIGHT

RUN: 2618UT
 21 AUG 89

This is a 1 order run

INPUT:

year	day	time	radii	error in radius	angle	error in angle	datatype
1989	229	18:59:54	2.70	+/- 0.15	263.0	+/- 0.5	SMM
1989	229	19:24:40	5.45	+/- 0.15	263.0	+/- 1.0	SMM

Structure being measured:
Top of Outer Barb

OUTPUT:

START TIME:

Event began at $t = 0 + -0.541E+01 +/- 0.000E+00$ [minutes]
In more convenient units:
Event began at DOY 229 18:45 +/- 0.000E+00 [minutes]

Origin defined at DOY229 18:50

RADIAL INFORMATION:

RADIAL VELOCITY = 1288. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

$c(1) = 0.160E+01 +/- 0.347E-06$ [solar radii]
 $c(2) = 0.111E+00 +/- 0.136E-07$ [radii/min]
 $c(2) = 0.129E+04 +/- 0.158E-03$ [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:

$a(1) = 263. +/- 0.$ [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 18:59 = 0. km/sec

The TOTAL velocity at 18:59 = 1288. km/sec

The TANGENTIAL velocity at 19:24 = 0. km/sec

The TOTAL velocity at 19:24 = 1288. 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!