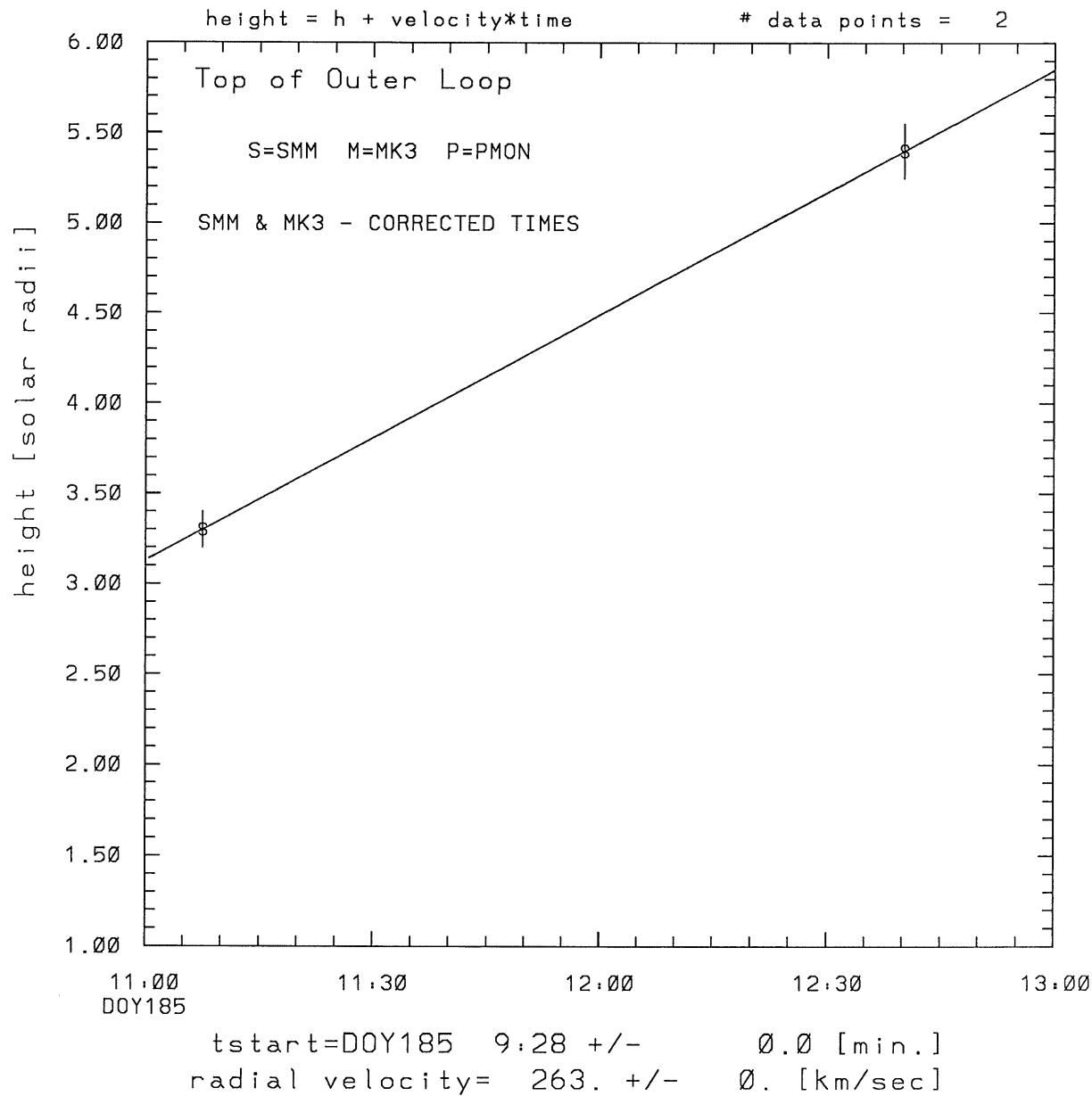


SMM C/P 1989 DOY185 25 +/- 0 degrees

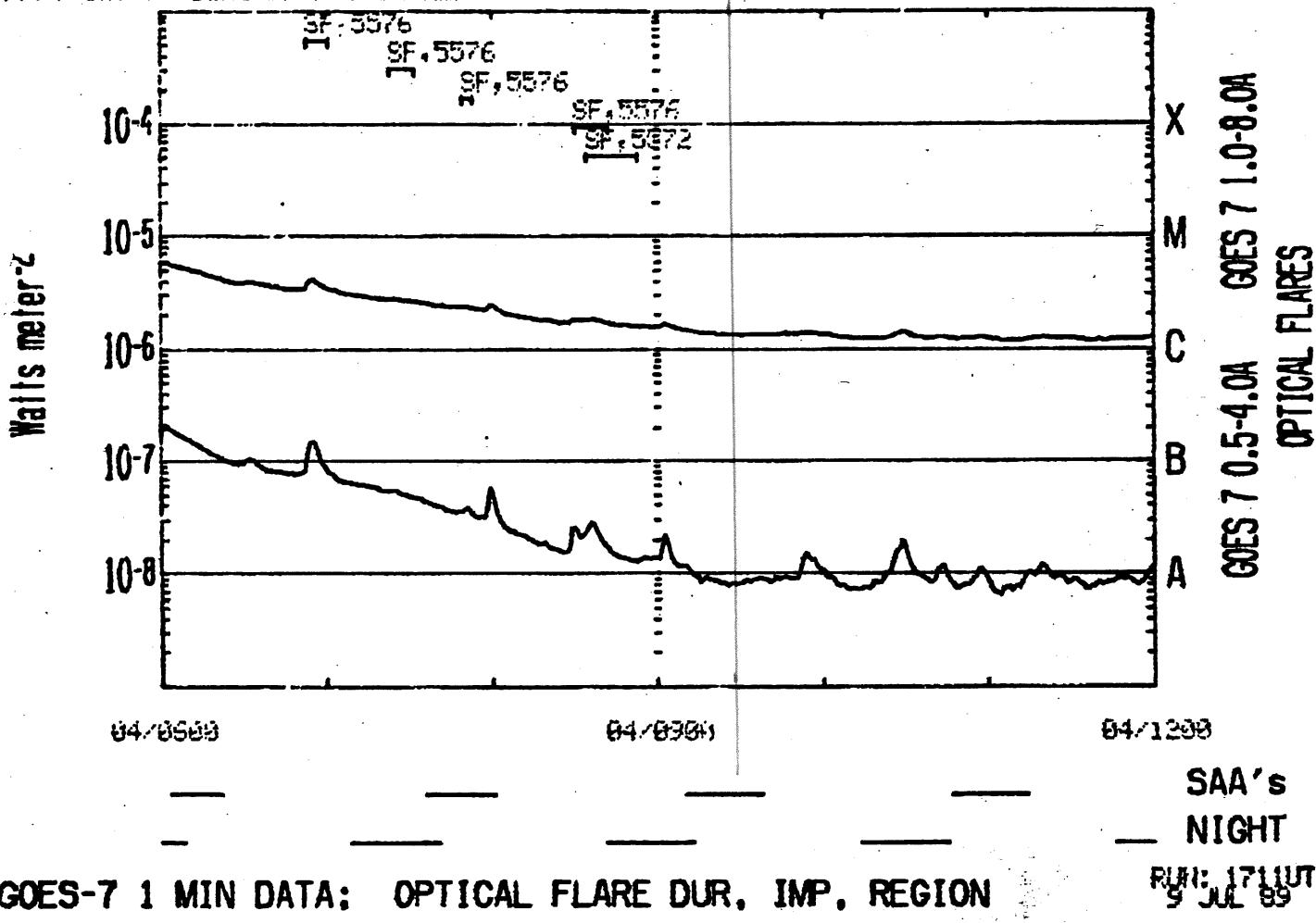


1989 Day 185

TOP  
Ret.  
Top of Outer Loop  
Center = 23° [9:28] 1st order  
only

X-RAY AND OPTICAL DATA TOGETHER

BEGIN: 04 JUL 89



\*\*\*\*\*

This is a 1 order run

\*\*\*\*\*

\*\*\*\*\*

INPUT:

\*\*\*\*\*

year	doy	time	radii	radius	error in angle	error in angle	datatype
1989	185	11: 7:34	3.30	+/- 0.10	25.0	+/- 1.0	SMM
1989	185	12:40:12	5.40	+/- 0.15	25.0	+/- 1.0	SMM

\*\*\*\*\*

Structure being measured:

Top of Outer Loop

\*\*\*\*\*

\*\*\*\*\*

OUTPUT:

\*\*\*\*\*

START TIME:

Event began at t = 0 + -0.939E+02 +/- 0.000E+00 [minutes]

In more convenient units:

Event began at DOY 185 9:28 +/- 0.000E+00 [minutes]

Origin defined at DOY185 11: 0

RADIAL INFORMATION:

RADIAL VELOCITY = 263. +/- 0. km/sec

The computed RADIAL coefficients and errors FROM NLLST2 are:

c(1) =	0.313E+01	+/- 0.221E-06	[solar radii]
c(2) =	0.227E-01	+/- 0.394E-08	[radii/min]
c(2) =	0.263E+03	+/- 0.457E-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) =	25.	+/- 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 11: 7 = 0. km/sec

The TOTAL velocity at 11: 7 = 263. km/sec

The TANGENTIAL velocity at 12:40 = 0. km/sec

The TOTAL velocity at 12:40 = 263. km/sec

\*\*\*\*\*

The following info is for estimating goodness of the fit

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Number data points = number of coefficients. No error analysis is possible.

Correlation coefficient is not computable!