SONNEBORN

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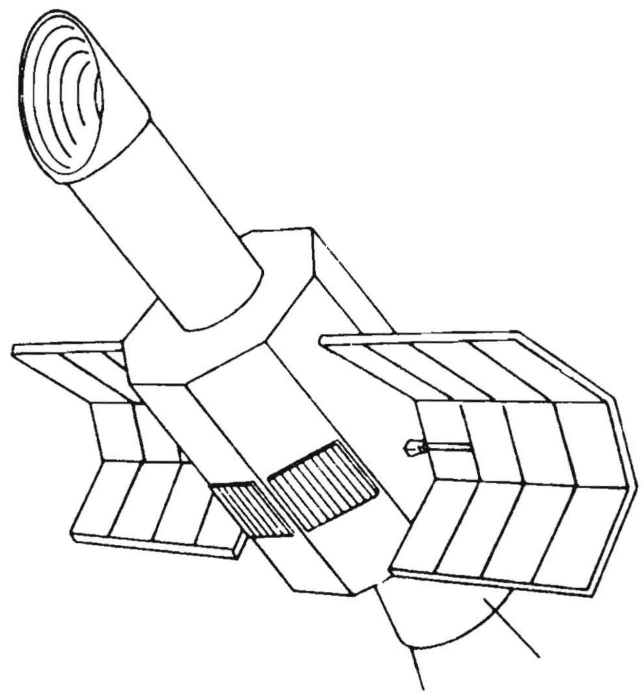

No. 22

(SPECIAL EDITION)

National Aeronautics and
Space Administration

Goddard Space Flight Center
Greenbelt, Maryland
20771

NASA

INTERNATIONAL ULTRAVIOLET EXPLORER (IUE)
NASA
NEWSLETTER
NO. 22
(SPECIAL EDITION)

November 4, 1983

Dear Colleague:

This Special Edition of the IUE NASA Newsletter has been prepared to facilitate distribution of The IUE Ultraviolet Spectral Atlas. This Atlas, which appeared in a preliminary form in NASA IUE Newsletter No. 14, represents many hours of effort by members of the IUE Observatory Staff at NASA's Goddard Space Flight Center. It is hoped that it will be found to be a valuable resource for scientists throughout the astronomical community.

Preparation of this Atlas was undertaken with the encouragement of the NASA IUE Users' Committee, which anticipated the value of the work and endorsed the use of a few shifts of NASA observing time in each of several years for the purpose of accumulating necessary data. Their support of this activity is appreciated.

Atlas spectra are available on magnetic tape and copies may be obtained via the procedure described on page 8 of the Atlas.

Sincerely,

Keith Kalinowski

J. Keith Kalinowski
NASA IUE Operations Scientist
Code 685

THE IUE ULTRAVIOLET SPECTRAL ATLAS

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I. INTRODUCTION

In March 1980, the International Ultraviolet Explorer (IUE) Observatory at the Goddard Space Flight Center initiated a program to obtain low dispersion trailed IUE spectra to provide a representative set of spectral type standard stars with a reasonably good coverage of the Hertzsprung-Russell diagram. Early observations were published in a preliminary edition of the *IUE Ultraviolet Spectral Atlas* (Wu *et al*. 1981). The rationale for producing a spectral atlas and the selection criteria for the standard stars are given in Wu *et al*. (1981).

Since the publication of the preliminary edition, a significant number of additional stars have been observed and all early data have been reprocessed with the software used in routine production since 1980 November 4, 00:11 hour UT. This *Atlas* presents the spectra of all standard stars obtained before 1983 March 24.

II. OBSERVATIONS AND REDUCTIONS

Observations were made with the short wavelength prime (SWP) and long wavelength redundant (LWR) cameras on board the IUE. In low dispersion mode, SWP covers the spectral region between 1150-2000 Å with a resolution of about 6 Å. Similarly, LWR covers the 1900 - 3200 Å region with a resolution of about 7 Å. Detailed discussions on the IUE scientific instrument and its performance are given in Boggess et al. (1978 a, b).

In order to increase the signal to noise ratio, most spectra were obtained by trailing the star perpendicular to the dispersion direction. For some late type stars, the exposure time is sufficiently long such that changes in the telescope thermal conditions and inaccuracies of the control gyros would cause the trailing to deviate from the desired direction of the aperture. For these stars, multiple exposures (3 or 4) were taken on the same image by placing the star at discrete locations along the major axis of the aperture (very close to the normal trail path) and with the telescope locked to a guide star during each exposure. Data on additional stars observed by other investigators were obtained from the archive.

A small fraction of the spectra are single, point source exposures in either the large or the small aperture. The point source spectra were either observed by other investigators and obtained from the archive or were taken of the coolest stars, for which widening would make the exposure time prohibitively long. Untrailed spectra are noted in Table 1.

No SWP spectra were obtained for many stars with late spectral types due to prohibitively long exposure times and variability of the chromospheric contribution to the spectra.

All spectra were processed or reprocessed by the Goddard IUE Observatory staff with the IUESIPS production software in use after 1980 November 4.007 UT. The trailed and multiple spectra were processed with the trailed source extraction schemes, while the single spectra obtained through the large or the small aperture were extracted with the point source schemes. In both cases, the net flux is determined by integrating the gross flux in a slit approximately normal to the dispersion and then subtracting a smoothed background derived from an area near the slit. The trailed and point source processings differ in the length and orientation of the slit. For trailed spectra, the slit-integrated flux is calculated for each sampled wavelength by adding together the central 15 lines (lines 21 to 35) of the line-by-line data. The slit thus extends for a distance of $15\sqrt{2}=21.2$ pixels = 32 arcsec perpendicular to the dispersion, well beyond the limits of the large aperture. For point source spectra, the central 9 lines of the line-by-line file define the gross spectrum. Unlike the trailed spectra, the lines of constant wavelength, along which the line-by-line fluxes are sampled, are not precisely perpendicular to the dispersion direction, but rather depend on the geometry of the apertures.

The background flux is obtained by summing lines 15 through 19 and 37 through 41 to either side of the gross spectrum, normalizing to the gross slit area, and filtering the resulting background spectrum in the wavelength direction by a 63-point median filter followed by a double-pass 31-point mean filter to remove artificial features (Bohlin, Lindler, and Turnrose, 1981). The filtered background is subtracted point-by-point from the gross spectrum to obtain the net fluxes as recorded in the merged low dispersion (MELO) file.

It should be pointed out that not all the spectra presented in this Atlas were processed with a uniform set of software. Rather, whatever production software in use on the date of processing was applied to the standard star data. There have been two significant changes to the production IUESIPS since 1980 November 4. On 1981 March 3, Goddard IUE Observatory implemented the schemes to correct for the reseau movements and changes of dispersion constants which are dependent on the time of observation and the temperature of the camera head amplifier. On 1981 July 10, a new extrapolation algorithm for the Intensity Transfer Function at high exposure levels was implemented. More detailed discussions on the history of IUESIPS changes can be found in Turnrose and Harvel (1982) and Turnrose and Thompson (1983).

The spectra presented in this *Atlas* are calibrated in absolute energy units with the system of Bohlin and Holm (1980). No correction for the interstellar reddening has been applied.

III. THE ATLAS

The stars included in the *Atlas* are listed in Table 1. Columns (1) and (2) give the HD number and the name or BD number of the star, respectively. Column (3) gives the spectral type adopted from Morgan and Keenan (1973), Johnson and Morgan (1953), Walborn (1973), Lesh (1968, 1972), or Hiltner, Garrison, and Schild (1969). The primary MK standards ("dagger" type) from Morgan and Keenan (1973) are designated by an asterisk. Column (4) indicates the notes at the end of the Table. Columns (5) and (6) give the V and B-V, respectively, obtained mostly from Nicolet (1978). For a small number of stars, the UBV photometry was obtained from Blanco *et al*. (1970) and several original publications. Column (7) gives the E(B-V) which is derived by adopting the intrinsic colors of FitzGerald (1970). Column (8) gives the IUE image numbers. Column (9) indicates the aperture used for exposure. L and S are for large and small aperture, respectively, and M is used to indicate that multiple exposures are taken in the large aperture. Column (10) is the exposure time in seconds. For trailed spectra, the exposure time is equal to the trail length in arcsec divided by the trail rate in arcsec per sec. The trail length is 21.4 and 20.5 arcsec, respectively, for SWP and LWR (Panek 1981). Note that the exposure times for trailed spectra indicated on the Goddard IUE observing scripts and merged log are calculated by assuming a trail length of 20 arcsec (Panek 1982). For multiple spectra, with each individual spectrum having the same exposure time, the sum of the exposure times is given. Column (11) is the temperature of the camera head amplifier during the exposure. This temperature was used to correct for the temperature dependence of the reseau movement and the dispersion constant. Column (12) gives the maximum exposure level expressed in the unit of data number (DN) which has a range from 0 to 255. A zero in this column means that no written record can be found on the exposure level for the image. At a DN value of 255, the image has at least one saturated pixel. For a severely overexposed spectrum, the designation of 4X, for example, means that the peak overexposure is estimated to be four times. The last column is reserved for comments. A single exposure in the large or small aperture is noted as "NOT TRAILED" and, multiple spectra in the large aperture are indicated by the number of exposures taken. Otherwise, trailed spectra are assumed understood and not noted. LWR images are frequently affected by microphonic disturbance; the peak DN noise level and the contaminated wavelength region are included as comments.

In this version of the *Atlas*, the SWP and LWR spectra are plotted separately for individual stars. These plots have sufficient expansion in both the flux and wavelength scales to show spectral features with reasonable clarity. For some stars, in order to increase the signal to noise ratio, several spectra were added together and averaged, weighted effectively by their exposure time. The individual images used in the averaging are given in Table 1. Note that for many stars, especially those of later spectral types which have a steep gradient in their flux distribution, the bright portions of their spectra were overexposed so that low flux levels could be reached. When several spectra were combined, the saturated pixels were ignored and not included in the averaging. The throughput of the small aperture is not well defined; it averages 50% but ranges between 25 and 75%. Small aperture data are normalized to those of the large aperture. No attempt was made to repair the spectral region of some LWR images affected by the microphonic noise. The spectra in this *Atlas* represent the unsmoothed pixel-to-pixel data, with the wavelength regions affected by reseaux plotted as plus signs. The reseaux that lie in the background are not expected to affect the net spectrum (see section II); therefore, they are not flagged. Most LWR spectra are contaminated by a permanent bright blemish at 2190 Å. In many cases this blemish has also been flagged by plotting it with plus signs. Saturated spectral regions are plotted with plus signs.

The Atlas may be obtained on magnetic tape, in blocked (IBM/VMS) or unblocked (IUE Guest Observer Tape) format, at a density of 1600 bpi [on 3 2400-ft (732-m) tapes] or a density of 6250 bpi (on 1 tape), by supplying blank (preferably new) tapes and a letter specifying requirements to:

Dr. Wayne H. Warren, Jr.
[National Space Science Data Center (NSSDC)] (domestic) or
[World Data Center A for Rockets and Satellites (WDC-A-R&S)] (foreign)
Code 601, NASA Goddard Space Flight Center
Greenbelt, Maryland 20771 [U. S. A.]
Telephone (301) 344-8310 [FTS 344-8310]; TELEX 89675 NASCOM GBLT

The machine-readable Atlas will be copied, to the desired specifications, onto the tape(s) supplied. Uncertainties regarding format and tapes required should be resolved before ordering. If data from the Atlas are used in an investigation, please include acknowledgments to "The IUE Observatory at the NASA Goddard Space Flight Center" and to the NSSDC (or WDC-A-R&S) in the resulting publication(s). Reprints of such publications will be appreciated by both organizations.

We wish to thank Mrs. Ruth E. Bradley for data handling, and Mr. Stephen O. Walter for assisting in the publication of the Atlas. We also wish to thank Drs. R. D. Chapman, J. K. Kalinowski, J. Huchra, N. A. Oliversen and G. Sonneborn for carrying out some of the observations, and the NSSDC for supplying data from the IUE archives. This work is partially supported by contract NAS 5-25774 to the Computer Sciences Corporation.

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HD	NAME	SP TYPE		NOTES		V	(B-V)	E(B-V)	IMAGE	AP	EXP	THDA	MDN	COMMENTS
93250		O3	V		x	7.37	0.16	0.48	SWP 11224	L	115.56	10.8	200	
									LWR 9840	L	71.75	15.2	200	42 DN Noise 2489-2526A
303308		O3	V		x	8.17	0.12	0.44	SWP 11225	L	192.60	10.8	210	
									LWR 9841	L	117.88	15.2	195	46 DN Noise 2969-3011A
46223		O4				7.26	0.22	0.54	SWP 14776	L	166.86	9.5	190	
									LWR 11362	L	72.57	13.8	207	
									LWR 11363	L	290.27	14.2	4X	
93632		O4			x	8.34	0.32	0.64	SWP 14482	L	428.00	7.2	2X	
									SWP 14483	L	267.50	7.2	193	
									LWR 11067	L	288.73	11.8	255	
									LWR 11068	L	205.00	12.2	215	98 DN Noise 2741-2773A
164794	9 Sgr	O5				5.97	0.00	0.32	SWP 14163	L	18.20	8.2	230	
									SWP 14194	L	16.05	8.5	226	
									LWR 10768	L	3.28	13.2	205	Not Trailed
									LWR 10787	L	12.30	12.8	203	
93403		O5	III			7.26	0.21	0.53	SWP 14305	L	128.37	7.5	190	
									LWR 10936	L	82.00	13.8	205	48 DN Noise 2470-2512A
	-59 2600	O6	V	((f))	x	8.61	0.21	0.53	SWP 11137	L	353.14	11.2	190	
									LWR 9806	L	322.83	15.9	255	
									LWR 9842	L	261.38	15.2	227	
93130		O6	III		x	8.06	0.22	0.54	SWP 14306	L	278.21	7.8	0	
									LWR 10937	L	179.35	13.2	210	65 DN Noise 2727-2773A
163758		O6.5	Ia	f		7.31	0.03	0.35	SWP 1638	L	15.97	6.8	140	Not Trailed
47839	15 Mon	O7	V	*	m	4.66	-0.25	0.07	SWP 8146	L	1.47	9.2	215	Variable = S Mon
									LWR 7077	L	1.98	13.2	215	
14633		O8	V			7.46	-0.21	0.10	SWP 8149	L	15.18	9.2	160	
									SWP 8150	L	23.01	9.5	205	
									LWR 7080	L	28.47	13.8	225	
151804		O8	I	f		5.22	0.07	0.36	SWP 1627	L	1.64	10.8	100	Not Trailed
									SWP 2858	S	4.00	5.5	160	Not Trailed
									SWP 2858	L	3.69	5.5	240	Not Trailed

HD	NAME	SP TYPE	NOTES	V	(B-V)	E(B-V)	IMAGE	AP	EXP	THDA	MDN	COMMENTS
152408		08 I f		5.77	0.15	0.44	SWP 1625	L	6.96	9.8	0	Not Trailed
							SWP 1625	S	7.00	9.8	0	Not Trailed
							LWR 11110	S	5.73	12.2	225	68 DN Noise 2461-2503A Small Aper Only
							LWR 11182	L	21.52	12.5	245	7 DN Noise 3062-3086A
							LWR 11182	S	30.00	12.5	3X	
188001	9 Sge	08 I f		6.23	0.01	0.30	SWP 1602	L	5.73	9.8	0	Not Trailed
							SWP 1602	S	6.00	9.8	0	Not Trailed
							SWP 3466	S	4.92	8.8	165	Small Aperture Only
							LWR 1682	L	5.75	6.5	255	Not Trailed
							LWR 1682	S	12.00	6.5	255	Not Trailed
							LWR 1683	L	3.69	11.5	210	Not Trailed
							LWR 1683	S	7.00	11.5	210	Not Trailed
							LWR 3044	S	4.92	12.8	190	Small Aperture Only
214680	10 Lac	09 V		4.88	-0.20	0.11	SWP 1764	L	1.86	15.2	200	
							LWR 1655	L	2.56	15.9	220	
38666	Mu Col	09.5 IV		5.17	-0.28	0.02	SWP 14340	L	1.93	7.5	220	
							LWR 10954	L	2.48	12.5	200	
188209		09.5 Ia		5.62	-0.07	0.20	SWP 8195	L	11.76	6.1	230	
							LWR 7123	L	7.48	11.8	210	65 DN Noise 2573-2633A
36512	Ups Ori	B0 V	*	4.62	-0.26	0.04	SWP 8164	L	1.18	6.8	215	
							LWR 7097	L	1.83	12.8	225	
63922		B0 III		4.11	-0.18	0.12	SWP 9511	L	1.22	5.8	215	
							LWR 8237	L	1.44	12.8	230	
204172	69 Cyg	B0 Ib		5.94	-0.08	0.16	SWP 19249	L	16.05	11.2	200	
							LWR 15285	L	10.25	15.9	205	
55857	GY CMa	B0.5 V	n	6.11	-0.26	0.02	SWP 14339	L	5.67	7.5	205	
							LWR 10953	L	6.97	12.5	200	
34816	Lam Lep	B0.5 IV		4.29	-0.26	0.02	SWP 8166	L	1.04	6.8	230	
							LWR 7099	L	1.51	12.2	230	46 DN Noise 2731-2811A
							LWR 7100	L	1.51	12.2	225	47 DN Noise 3254-3300A
119159		B0.5 III	x	6.00	-0.08	0.20	SWP 19245	L	16.05	11.5	210	
							LWR 15281	L	11.27	15.9	190	

HD	NAME	SP TYPE	NOTES	V	(B-V)	E(B-V)	IMAGE	AP	EXP	THDA	MDN	COMMENTS
64760		B0.5 Ib		4.24	-0.14	0.08	SWP 7719	L	0.70	0.0	0	
							SWP 19056	L	1.96	10.5	205	
							LWR 6706	L	0.70	0.0	0	
							LWR 15100	L	1.86	17.2	205	
150898		B0.5 Ia		5.58	-0.08	0.14	SWP 10173	L	8.42	9.5	190	
							LWR 8837	L	10.40	13.2	260	41 DN Noise 2652-2685A
31726		B1 V		6.15	-0.21	0.05	SWP 8165	L	8.42	6.8	230	
							LWR 7098	L	10.40	12.5	220	
46328	Xi 1 CMa	B1 III	n	4.34	-0.25	0.01	SWP 19244	L	7.23	12.2	208	Variable = Xi 1 CMa
							LWR 15280	L	1.76	15.5	220	
40111	139 Tau	B1 Ib		4.82	-0.06	0.13	SWP 8151	L	5.72	9.5	220	
							LWR 7081	L	4.04	14.2	210	
91316	Rho Leo	B1 Iab		3.85	-0.14	0.05	SWP 19501	L	3.08	7.2	2X	Variable = Rho Leo
							SWP 19520	L	1.97	9.8	200	
							LWR 15529	L	1.48	12.5	215	
150168		B1 Ia		5.65	-0.03	0.16	SWP 19246	L	18.19	11.2	220	
							LWR 15282	L	9.74	15.9	200	
74273		B1.5 V		5.90	-0.21	0.04	SWP 14307	L	6.75	7.8	220	
							LWR 10938	L	6.51	13.2	185	80 DN Noise 3118-3165A
62747		B1.5 III		5.62	-0.19	0.06	SWP 19295	L	9.16	12.5	2X	
							SWP 19297	L	6.42	12.5	210	
							LWR 15328	L	6.95	16.9	220	
64802		B2 V		5.49	-0.19	0.05	SWP 14308	L	6.85	7.8	205	
							LWR 10939	L	6.51	13.2	200	89 DN Noise 3216-3263A
3360	Zet Cas	B2 IV		3.66	-0.20	0.04	SWP 4316	L	1.03	9.2	195	
							SWP 4316	S	1.00	9.2	2X	
							LWR 3812	L	0.82	13.8	170	
							LWR 3812	S	1.00	14.2	230	
51283		B2 III	n	5.28	-0.19	0.05	SWP 8167	L	9.11	6.5	208	
							LWR 7101	L	6.34	12.2	220	

HD	NAME	SP TYPE	NOTES	V	(B-V)	E(B-V)	IMAGE	AP	EXP	THDA	MDN	COMMENTS
165024	The Ara	B2 Ib		3.66	-0.08	0.08	SWP 10174	L	2.21	8.5	220	
							LWR 8838	L	1.45	13.2	225	
61831		B2.5 V	n	4.84	-0.20	0.02	SWP 14309	L	4.28	7.8	200	
							LWR 10940	L	4.03	13.2	190	65 DN Noise 3156-3197A
32612		B2.5 IV		6.41	-0.18	0.04	SWP 19500	L	23.54	6.8	245	
							LWR 15528	L	20.50	12.2	230	
63465		B2.5 III		5.08	-0.10	0.12	SWP 19296	L	10.91	12.5	240	
							LWR 15329	L	71.55	16.9	212	
32630	Eta Aur	B3 V *		3.17	-0.18	0.02	SWP 8197	L	1.06	6.1	208	
							LWR 7125	L	1.01	11.8	205	47 DN Noise 2783-2830A
							LWR 7126	L	1.01	11.8	207	32 DN Noise 2764-2802A
120315	Eta UMa	B3 V		1.86	-0.19	0.01	SWP 2341	L	0.29	6.5	220	Small Aperture Not Usable
							SWP 4110	L	0.33	8.2	200	Effective Expo. Length Very Uncertain
							LWR 2127	L	0.29	11.5	220	Effective Expo. Length Very Uncertain
							LWR 2127	S	0.12	11.5	255	Effective Expo. Length Very Uncertain
							LWR 3640	L	0.33	13.2	200	Effective Expo. Length Very Uncertain
142096	Lam Lib	B3 V		5.03	-0.01	0.19	LWR 10778	L	6.87	11.5	200	90 DN Noise 2783-2830A
190993	17 Vul	B3 V *		5.07	-0.18	0.02	SWP 9961	L	5.47	8.8	200	
							LWR 12024	L	5.74	13.5	215	
42560	Xi Ori	B3 IV		4.48	-0.18	0.02	SWP 19365	L	4.82	11.8	230	
							SWP 19365	S	0.68	11.8	120	
							LWR 15403	L	3.49	16.2	200	
79447		B3 III		3.97	-0.18	0.02	SWP 14338	L	2.35	7.8	200	
							LWR 10952	L	1.81	12.8	195	136 DN Noise 2950-2992A
53138	Omi 2 CMa	B3 Ia *	n	3.04	-0.08	0.05	SWP 8168	L	2.17	6.8	210	
							LWR 7102	L	1.05	12.2	210	33 DN Noise 2708-2769A
							LWR 7103	L	1.06	12.2	210	
65904		B4 V *		5.99	-0.14	0.04	SWP 15557	L	16.26	8.8	205	
							LWR 12042	L	16.91	13.8	230	

HD	NAME	SP TYPE			NOTES	V	(B-V)	E(B-V)	IMAGE	AP	EXP	THDA	MDN	COMMENTS
202654		B4	IV			6.46	-0.15	0.03	SWP 19363	L	33.17	12.2	240	
									LWR 15401	L	22.55	16.5	200	
195986		B4	III			6.60	-0.11	0.07	SWP 19248	L	28.89	11.2	145	
									SWP 19292	L	41.73	12.2	200	
									LWR 15284	L	32.90	16.2	210	
34759	Rho Aur	B5	V	*		5.23	-0.15	0.01	SWP 15537	L	8.56	9.8	190	
									LWR 9868	L	7.69	15.5	215	
188665	23 Cyg	B5	V	*		5.14	-0.13	0.03	SWP 15338	L	5.35	8.2	120	
									SWP 15339	L	8.02	8.8	180	
									LWR 11856	L	8.20	12.2	208	114 DN Noise 3319-3342A
									LWR 12008	L	9.22	13.5	205	
147394	Tau Her	B5	IV	*		3.89	-0.15	0.01	SWP 8194	L	3.17	6.5	205	
									LWR 7122	L	2.63	12.8	220	6 DN Noise 3132-3165A
4180	Omi Cas	B5	III			4.54	-0.07	0.09	SWP 19293	L	9.63	12.5	207	Variable = Omi Cas
									LWR 15326	L	6.50	16.5	230	
83183		B5	II			4.08	0.01	0.13	SWP 9512	L	11.44	6.1	245	
									LWR 8238	L	4.63	12.2	215	
86440	Phi Vel	B5	Ib			3.54	-0.08	0.01	SWP 9513	L	4.37	6.5	230	
									LWR 8239	L	2.07	12.2	220	
164353	67 Oph	B5	Ib			3.97	0.02	0.11	SWP 10172	L	6.14	11.2	175	
									LWR 8836	L	4.10	12.5	230	
58350	Eta CMa	B5	Ia	*	n	2.44	-0.07	0.02	SWP 8199	L	1.50	6.5	215	
									LWR 7127	L	0.72	11.5	220	51 DN Noise 2839-2904A
90994	Bet Sex	B6	V			5.09	-0.14	0.00	SWP 15791	L	11.23	10.2	200	
									LWR 12162	L	9.94	15.2	230	
79694		B6	IV			5.85	-0.12	0.02	SWP 19527	L	23.54	10.5	200	
182255	3 Vul	B6	III			5.18	-0.12	0.02	SWP 19291	L	9.54	12.2	180	
									LWR 15325	L	9.41	16.5	215	

HD	NAME	SP TYPE		NOTES	V	(B-V)	E(B-V)	IMAGE		AP	EXP	THDA	MDN	COMMENTS
125288		B6	Ib		4.33	0.12	0.19	SWP	19362	L	14.82	12.8	160	
								SWP	19460	L	14.82	7.8	170	
								LWR	15400	L	8.83	15.9	200	
								LWR	15489	L	8.82	0.0	220	
17081	Pi Cet	B7	V		4.25	-0.14	-0.01	SWP	16255	L	6.95	11.5	197	
								LWR	12501	L	4.67	14.8	205	
29335	49 Eri	B7	V		5.31	-0.12	0.02	SWP	15788	L	15.78	12.5	200	
								LWR	12159	L	11.89	14.2	210	
23630	Eta Tau	B7	III	*	2.87	-0.09	0.03	SWP	8147	L	2.82	8.8	205	
								LWR	7078	L	1.68	13.5	210	
23324	18 Tau	B8	V	*	5.64	-0.07	0.04	SWP	8148	L	29.72	8.8	202	
								LWR	7079	L	20.10	13.8	208	
10205	Tau And	B8	IV		4.94	-0.09	0.01	SWP	19294	L	10.33	12.5	180	
								LWR	15327	L	8.81	16.9	200	
23850	27 Tau	B8	III	*	3.63	-0.09	0.01	SWP	11245	L	6.42	10.8	210	
								LWR	9867	L	3.59	15.5	220	18 DN Noise 2764-2806A
46769		B8	Ib		5.80	-0.00	0.02	SWP	19066	L	32.30	10.8	180	
								LWR	15094	L	25.32	15.9	205	
38899	134 Tau	B9	V		4.91	-0.07	0.00	SWP	16639	L	22.00	10.5	200	
								LWR	12875	L	14.54	14.8	210	
196867	Alp Del	B9	IV		3.77	-0.06	0.01	SWP	15545	L	8.56	6.1	210	
								LWR	12025	L	5.33	13.2	210	
202850	Sig Cyg	B9	Iab		4.23	0.12	0.12	SWP	15099	L	28.89	7.8	190	
								LWR	11614	L	11.79	11.2	222	
193432	Nu Cap	B9.5	V		4.76	-0.05	-0.01	SWP	16850	L	21.40	10.2	170	
								LWR	12874	L	16.40	15.2	210	
222661	Omg 2 Aqr	B9.5	V		4.49	-0.04	0.00	SWP	15789	L	18.20	12.2	205	
								LWR	12160	L	10.76	14.8	205	

HD	NAME	SP TYPE			NOTES	V	(B-V)	E(B-V)	IMAGE	AP	EXP	THDA	MDN	COMMENTS
186882	Del Cyg	B9.5	III		d	2.87	-0.03	0.02	SWP 16489	L	4.50	8.2	180	
									LWR 12745	L	2.67	14.5	200	
95608	60 Leo	A0	V			4.42	0.05	0.06	SWP 8207	L	59.80	11.8	140	Not Trailed
									SWP 8207	S	12.00	11.8	140	Not Trailed
									LWR 7007	L	17.37	14.8	210	
103287	Gam UMa	A0	V	*		2.44	0.00	0.01	SWP 8196	L	6.33	6.1	255	
									SWP 8198	L	4.75	6.1	208	
									LWR 7124	L	2.22	11.8	195	
199629	Nu Cyg	A0	V			3.94	0.02	0.03	SWP 15556	L	25.68	8.5	229	
									LWR 12039	L	10.76	13.5	230	
111775		A0	II			6.33	0.03	0.03	SWP 9515	L	142.67	6.5	190	
									LWR 8241	L	78.84	11.8	217	
104035		A0	Ia			5.61	0.18	0.16	SWP 9514	L	330.74	6.5	230	
									LWR 8240	L	80.05	11.8	210	94 DN Noise 3076-3114A
166205	Del UMi	A1	V			4.36	0.02	0.00	SWP 9132	L	33.65	8.5	210	
									LWR 7863	L	13.92	14.5	195	
80081	38 Lyn	A2	V		d	3.82	0.06	0.01	SWP 11235	L	21.40	9.2	200	
									SWP 11236	L	70.63	11.8	3X	
									LWR 9855	L	11.28	13.8	210	47 DN Noise 2447-2498A
197345	Alp Cyg	A2	Ia	*		1.25	0.09	0.04	SWP 9133	L	4.39	8.8	260	Variable = Alp Cyg
									LWR 7864	L	1.08	14.2	197	
216956	Alp PsA	A3	V	*		1.16	0.09	0.01	SWP 9134	L	2.45	8.8	220	
									LWR 7865	L	1.02	14.2	190	8 DN Noise 3016-3039A
122408	Tau Vir	A3	III			4.26	0.10	0.01	SWP 9516	L	9.60	6.5	72	
									LWR 8242	L	5.82	11.8	120	
97603	Del Leo	A4	V			2.56	0.12	0.00	SWP 19247	L	9.63	11.2	185	
									LWR 15283	L	4.10	16.2	190	

IUE SPECTRAL ATLAS, CONTINUED

HD	NAME	SP TYPE	NOTES	V	(B-V)	E(B-V)	IMAGE	AP	EXP	THDA	MDN	COMMENTS
116842	80 UMa	A5 V		4.01	0.16	0.01	SWP 10283	L	19.76	9.2	113	
							SWP 10285	L	43.50	8.2	211	
							SWP 10285	S	95.00	8.2	100	
							LWR 8949	L	16.40	12.8	220	
159561	Alp Oph	A5 III		2.08	0.15	0.00	SWP 16490	L	7.17	8.8	180	
							LWR 12747	L	2.77	14.2	210	
59612		A5 Ib		4.85	0.23	0.13	SWP 15234	L	139.19	9.8	100	
							SWP 15318	L	306.02	6.8	180	
							LWR 11748	L	71.80	14.5	180	
							LWR 11824	L	215.25	12.5	2X	
28527		A6 V	n	4.78	0.17	0.00	SWP 19459	L	107.00	7.8	210	
							LWR 15488	L	42.02	12.8	240	
							LWR 15497	L	35.98	14.2	210	
87696	21 LMi	A7 V		4.48	0.18	-0.02	SWP 15548	L	74.90	6.8	210	
							LWR 12028	L	25.62	12.2	205	
76644	Iot UMa	A7 IV	*	3.14	0.19	-0.03	SWP 10284	L	22.84	8.5	215	
							LWR 8950	L	7.68	12.8	210	
27176	51 Tau	A8 V		5.65	0.28	0.01	SWP 15538	L	353.14	11.2	205	
							LWR 12009	L	97.39	13.8	215	69 DN Noise 2894-2941A
							LWR 12182	L	97.39	15.2	205	
157792	44 Oph	A9 V		4.17	0.28	-0.02	SWP 19461	L	83.60	8.2	165	
							SWP 19498	L	101.65	7.5	180	
							LWR 15490	L	25.62	13.2	215	
147547	Gam Her	A9 III		3.75	0.27	-0.01	SWP 10872	L	114.49	10.8	225	
							LWR 9560	L	23.55	14.8	215	28 DN Noise 2060-2093A
12311	Alp Hyi	FO V		2.86	0.28	-0.04	SWP 11242	L	39.59	11.5	203	
							LWR 9862	L	8.56	14.5	225	
40136	Eta Lep	FO IV		3.71	0.33	0.03	SWP 10286	L	102.39	7.8	232	
							SWP 10286	S	3.75	7.8	0	
							LWR 6995	L	15.38	14.8	220	
89025	Zet Leo	FO III	*	3.44	0.31	-0.01	SWP 15536	L	128.40	9.5	235	
							LWR 9732	L	23.91	14.8	210	39 DN Noise 3048-3086A

HD	NAME	SP TYPE		NOTES	V	(B-V)	E(B-V)	IMAGE		AP	EXP	THDA	MDN	COMMENTS
36673	Alp Lep	F0	Ib		2.58	0.21	0.06	SWP	15073	L	59.93	6.1	215	
								LWR	11601	L	10.25	10.5	195	33 DN Noise 2857-2899A
113139	78 UMa	F2	V	d	4.93	0.36	0.01	SWP	15547	L	353.14	6.8	220	
								LWR	12027	L	50.22	12.2	205	
99028	Iot Leo	F2	IV	d	3.94	0.41	0.04	SWP	11311	L	310.30	10.2	225	
								SWP	13426	L	235.42	9.8	175	
								LWR	9918	L	24.60	15.5	210	23 DN Noise 2232-2279A
								LWR	10090	L	56.38	15.5	2X	
17584	16 Per	F2	III		4.23	0.34	-0.02	SWP	19465	L	246.10	8.5	240	
								LWR	15499	L	43.05	13.8	255	
								LWR	15527	L	32.80	11.8	205	
161471	Iot 1 Sco	F2	Ia		3.03	0.51	0.33	SWP	19525	L	180.00	10.2	240	Not Trailed
								LWR	15565	S	97.00	15.9	255	
								LWR	15565	L	46.13	15.9	255	
163506	89 Her	F2	Ia		5.46	0.34	0.16	SWP	15555	L	2640.00	7.8	140	Dust Shell; Variable = V441 Her
								LWR	12038	L	225.50	13.8	189	
157950		F3	V		4.54	0.39	-0.02	SWP	19462	L	70.04	8.2	165	Not Trailed
								SWP	19499	L	321.00	7.5	230	3 Passes
								LWR	15491	L	30.75	13.5	200	
61110	Omi Gem	F3	III		4.90	0.40	0.01	SWP	19458	L	385.20	7.8	143	3 Passes
								SWP	19464	L	535.00	8.2	200	5 Passes
								LWR	15487	L	92.25	12.5	255	
								LWR	15498	L	71.75	14.2	230	
27524		F5	V *		6.80	0.44	-0.01	SWP	4756	L	7020.00	6.1	255	Not Trailed
								SWP	15819	L	3360.00	9.8	200	
								LWR	4119	S	300.00	12.2	255	
								LWR	4119	L	310.61	12.2	230	
								LWR	12183	L	286.91	14.5	200	
61421	Alp CMi	F5	IV-V	d	0.38	0.42	0.00	SWP	2826	L	59.80	10.5	0	VILSPA, Not Trailed
								SWP	6661	L	29.90	7.2	0	VILSPA, Not Trailed
								SWP	6662	L	59.80	7.2	0	VILSPA, Not Trailed
								LWR	9108	L	0.86	13.8	205	
20902	Alp Per	F5	Ib		1.79	0.48	0.22	SWP	15316	L	205.37	7.2	240	
								LWR	7094	L	7.18	15.5	185	

HD	NAME	SP TYPE	NOTES	V	(B-V)	E(B-V)	IMAGE	AP	EXP	THDA	MDN	COMMENTS
173667	110 Her	F6 V		4.19	0.46	-0.02	SWP 10784	L	643.60	10.2	205	
							LWR 9459	L	30.60	16.5	200	
							LWR 9460	L	153.75	15.9	5X	
82328	The UMa	F6 IV		3.17	0.46	0.00	SWP 19466	L	160.50	9.2	167	3 Passes
							LWR 15500	L	14.86	14.2	255	
							LWR 15526	L	12.30	11.2	205	
160365		F6 III		6.12	0.56	0.10	SWP 16491	L	4800.00	8.8	183	
							LWR 4122	L	310.61	10.2	230	
							LWR 4122	S	300.00	10.2	255	
126660	The Boo	F7 V		4.05	0.50	0.00	SWP 15546	L	834.85	6.1	190	
							LWR 12026	L	30.75	12.8	207	
27808		F8 V *		7.14	0.52	-0.01	LWR 4118	L	1242.40	11.8	255	
							LWR 4118	S	900.00	11.5	255	
90839	36 UMa	F8 V	m	4.83	0.52	-0.01	LWR 15402	L	71.93	16.5	220	
102870	Bet Vir	F8 V		3.61	0.55	0.02	SWP 7305	L	1800.00	10.5	5X	
							SWP 7305	S	300.00	10.5	100	
							SWP 7306	L	5400.00	10.5	15X	
							LWR 4867	S	30.00	12.8	255	
							LWR 4867	L	30.73	12.8	255	
194093	Gam Cyg	F8 Ib		2.20	0.68	0.13	SWP 3666	L	1200.00	8.8	5X	Not Trailed
							SWP 3666	S	120.00	8.8	80	
							SWP 3667	L	360.00	8.8	230	Not Trailed
							SWP 3667	S	360.00	8.8	230	
54605	Del CMa	F8 Ia		1.86	0.65	0.10	SWP 15831	L	756.00	10.8	2X	
							SWP 16800	M	650.00	7.5	255	4 Spectra
							LWR 11823	L	11.38	12.8	165	15 DN Noise 3202-3249A
							LWR 12189	L	22.55	15.9	250	
27383		F9 V		6.88	0.56	0.00	LWR 4126	L	512.50	10.2	100	
							LWR 4126	S	300.00	10.2	270	
							LWR 4128	L	305.97	11.5	180	
4614	Eta Cas	G0 V	m	3.44	0.57	-0.03	SWP 4031	L	1800.00	8.8	0	VILSPA, Not Trailed
							SWP 7433	L	1320.00	10.2	3X	
							SWP 9681	L	900.00	7.8	2X	Not Trailed
							LWR 4116	S	15.00	10.8	120	
							LWR 4116	L	30.60	10.8	170	

HD	NAME	SP TYPE		NOTES	V	(B-V)	E(B-V)	IMAGE		AP	EXP	THDA	MDN	COMMENTS
109358	Bet CVn	GO	V		4.26	0.59	-0.01	LWR	4861	L	71.68	13.5	255	25 DN Noise 3230A
								LWR	4861	S	70.00	13.5	255	4 DN Noise 2797A
								LWR	15530	L	35.88	12.5	190	
114710	Bet Com	GO	V		4.26	0.57	-0.03	SWP	6179	S	900.00	7.8	130	
								SWP	9465	L	0.0	7.8	0	VILSPA, Not Trailed
								LWR	4834	L	81.92	14.2	0	Not Trailed
								LWR	4834	S	80.00	14.2	0	
								LWR	4835	L	82.00	14.5	255	
121370	Eta Boo	GO	IV		2.68	0.58	-0.05	SWP	5729	L	600.00	10.5	255	
								LWR	4863	S	20.00	13.5	255	
								LWR	4863	L	20.50	13.5	255	24 DN Noise 3249A
150680	Zet Her	GO	IV *	d	2.81	0.65	0.02	SWP	4759	L	2140.00	4.5	200	
								SWP	4759	S	1200.00	5.1	85	
								LWR	4123	L	20.50	10.5	255	
								LWR	4123	S	12.00	10.5	255	
6903	Psi 3 Psc	GO	III		5.55	0.69	0.05	LWR	4855	L	184.50	14.5	180	
								LWR	4855	S	180.00	14.5	240	
111812	31 Com	GO	III *		4.94	0.67	0.03	SWP	7769	L	240.00	9.8	0	VILSPA, Not Trailed
								SWP	7769	S	120.00	9.8	0	VILSPA, Not Trailed
								SWP	8206	L	3600.00	12.5	3X	Not Trailed
								SWP	8206	S	120.00	12.5	176	Not Trailed
								LWR	4860	L	122.75	13.5	220	
								LWR	4860	S	120.00	13.5	255	
84441	Eps Leo	GO	II		2.98	0.80	0.07	LWR	9730	L	20.50	14.2	150	57 DN Noise 3118-3165A
								LWR	9731	L	28.70	14.2	190	
26630	Mu Per	GO	Ib *	m	4.14	0.95	0.13	LWR	4117	L	186.36	11.2	255	
								LWR	4117	S	90.00	11.2	255	
27836		G1	V		7.62	0.60	-0.02	LWR	4127	L	1242.40	10.5	255	
								LWR	4127	S	1200.00	11.2	255	
115043		G1	V		6.83	0.60	-0.02	LWR	4862	L	488.10	13.5	245	4 DN Noise 2797A
								LWR	4862	S	480.00	13.5	245	
	Uranus	G2	V	x	6.00	0.70	0.07	LWR	4864	L	227.03	13.2	255	
								LWR	4864	S	240.00	13.2	255	
								LWR	4865	L	184.68	13.2	245	13 DN Noise 3086A
								LWR	4865	S	360.00	13.2	255	

IUE SPECTRAL ATLAS, CONTINUED

HD	NAME	SP TYPE	NOTES	V	(B-V)	E(B-V)	IMAGE	AP	EXP	THDA	MDN	COMMENTS
10307		G2 V		4.95	0.62	-0.01	SWP 10029	L	5400.00	9.5	145	Not Trailed
							LWR 4854	S	120.00	14.5	255	
							LWR 4854	L	123.05	14.5	240	
186408	16 Cyg A	G2 V		5.96	0.64	0.01	LWR 4835	L	307.50	14.8	220	
							LWR 4836	S	300.00	14.8	255	
							LWR 4841	L	2460.00	14.5	255	
2151	Bet Hyi	G2 IV		2.80	0.62	-0.02	SWP 4760	L	648.48	4.5	105	
							SWP 6128	L	1020.00	5.8	2X	
							SWP 6128	S	180.00	5.8	90	
							SWP 7307	L	4800.00	10.5	8X	
							SWP 7307	S	600.00	10.5	120	
							SWP 7429	L	720.00	8.8	229	
							LWR 4125	L	20.50	10.2	255	
							LWR 4125	S	15.00	10.2	255	
							LWR 9863	L	16.40	15.2	255	12 DN Noise 2633-2750A
							LWR 9864	L	14.61	15.2	245	
159181	Bet Dra	G2 II	*	2.79	0.98	0.11	SWP 2348	L	1440.00	9.2	255	
							SWP 2349	L	3600.00	9.2	255	
							SWP 2350	L	600.00	8.8	136	
							LWR 4124	S	12.00	10.2	135	
							LWR 4124	L	20.50	10.2	130	
209750	Alp Aqr	G2 Ib		2.96	0.98	0.10	LWR 12113	L	51.25	14.5	190	
26736		G3 V		8.09	0.66	0.01	LWR 4129	L	621.21	11.5	205	
							LWR 4129	S	1200.00	11.8	255	
192876	Alp 1 Cap	G3 Ib		4.24	1.07	0.15	LWR 12040	L	307.48	13.5	255	
26756		G5 V		8.46	0.70	0.02	LWR 4130	L	2174.20	11.8	185	
20630	Kap Cet	G5 V		4.83	0.68	0.00	SWP 9462	L	3000.00	7.8	0	VILSPA, Not Trailed
							LWR 4857	S	120.00	13.5	255	
							LWR 4857	L	123.05	13.5	250	10 DN Noise 3086-3146A
							LWR 4858	L	615.00	13.8	255	
186427	16 Cyg B	G5 V		6.20	0.66	-0.02	SWP 2700	L	10800.00	7.8	150	
							LWR 4838	S	360.00	15.2	255	
							LWR 4838	L	369.37	15.2	225	
							LWR 4840	L	1846.80	15.2	255	

HD	NAME	SP	TYPE	NOTES	V	(B-V)	E(B-V)	IMAGE		AP	EXP	THDA	MDN	COMMENTS
161797	Mu Her	G5	IV	m	3.42	0.75	0.05	LWR	4121	L	31.06	10.2	195	
								LWR	4121	S	24.00	10.2	255	
93497	Mu Vel	G5	III	d	2.69	0.90	0.00	SWP	2338	L	900.00	5.8	255	Not Trailed
								SWP	2377	L	240.00	6.8	175	
								SWP	8212	S	10.00	9.5	100	Not Trailed
								SWP	8212	L	300.00	9.5	5X	Not Trailed
								LWR	4859	L	20.50	13.8	60	
								LWR	4859	S	20.00	13.8	210	
109379	Bet Crv	G5	III		2.65	0.89	-0.01	SWP	1571	L	2700.00	13.8	0	
								SWP	1572	L	5400.00	13.5	0	
								SWP	3585	L	5400.00	8.2	2X	Not Trailed
								LWR	4866	S	24.00	12.8	255	
								LWR	4866	L	24.61	12.8	180	
206859	9 Peg	G5	Ib		4.34	1.17	0.17	LWR	13095	S	90.00	14.5	100	45 DN Noise, 2811-2848A, Earthlight SAP
115617	61 Vir	G6	V		4.74	0.71	-0.01	LWR	12163	L	122.98	15.2	205	
10700	Tau Cet	G8	V		3.50	0.72	-0.02	SWP	4033	L	3420.00	8.8	0	VILSPA, Not Trailed
								SWP	4054	L	9000.00	9.5	0	VILSPA, Not Trailed
								SWP	5733	L	1440.00	7.8	102	
								SWP	5734	L	7320.00	7.3	3X	
								LWR	4856	L	61.50	13.5	255	
								LWR	4856	S	60.00	13.5	255	
188512	Bet Aql	G8	IV		3.71	0.86	0.04	LWR	12111	L	74.82	14.2	218	
								LWR	12112	L	358.77	14.2	5X	53 DN Noise 2629-2680A
76294	Zet Hya	G8	III		3.11	1.00	0.05	LWR	9650	L	83.44	14.5	210	
48329	Eps Gem	G8	Ib		2.98	1.40	0.26	LWR	12667	L	184.50	15.5	246	
								LWR	12667	S	49.00	15.5	209	
								LWR	12669	L	307.48	16.2	2X	
72324	Ups 2 Cnc	G9	III		6.36	1.02	0.04	LWR	9853	L	1653.00	14.5	235	
								LWR	9854	L	599.62	13.5	130	
185144	Sig Dra	K0	V		4.68	0.79	-0.02	LWR	5989	L	180.00	13.2	255	
								LWR	5989	S	60.00	13.2	213	
								LWR	12746	L	128.12	14.2	220	

HD	NAME	SP TYPE	NOTES	V	(B-V)	E(B-V)	IMAGE	AP	EXP	THDA	MDN	COMMENTS
198149	Eta Cep	K0 IV		3.43	0.92	0.01	LWR 12739	L	93.18	12.5	255	
62509	Bet Gem	K0 III *		1.14	1.00	-0.01	SWP 4730	L	1200.00	7.5	100	
							SWP 8232	L	7200.00	9.5	2X	Not Trailed
							SWP 8232	S	1500.00	9.5	110	Not Trailed
							SWP 10052	L	1400.00	10.2	2X	Not Trailed
							LWR 9843	L	6.15	15.2	110	
							LWR 9844	L	14.35	15.2	200	
							LWR 9845	L	40.18	15.5	3X	
10476	107 Psc	K1 V		5.24	0.84	-0.02	LWR 11854	L	246.01	12.8	170	
							LWR 11855	L	491.96	12.5	270	100 DN Noise 2988-3039A
							LWR 12041	L	307.48	13.8	255	
4128	Bet Cet	K1 III		2.04	1.02	-0.07	LWR 12180	L	61.51	14.8	2X	
							LWR 12180	S	7.00	14.8	120	
							LWR 12181	L	38.95	15.2	213	
22049	Eps Eri	K2 V		3.73	0.88	-0.04	LWR 12671	L	65.60	16.2	170	
85503	Mu Leo	K2 III		3.88	1.22	0.06	LWR 9856	L	230.62	14.5	107	38 DN Noise 3039-3067A
							LWR 9857	L	615.00	15.5	190	
137759	Iot Dra	K2 III		3.29	1.16	0.00	LWR 9858	L	338.25	16.2	205	
206778	Eps Peg	K2 Ib		2.39	1.53	0.30	LWR 12178	L	270.57	13.5	3X	Variable = Eps Peg
							LWR 12179	L	338.28	14.2	4X	
							LWR 12179	S	33.00	14.5	185	
219134		K3 V		5.56	1.01	0.06	LWR 12738	L	399.77	12.2	110	
							LWR 12740	L	860.98	12.8	180	
157244	Bet Ara	K3 Ib		2.85	1.46	0.04	LWR 12673	L	461.30	16.5	4X	
							LWR 12673	S	50.00	16.2	164	
69267	Bet Cnc	K4 III *		3.52	1.48	0.05	LWR 9738	L	683.26	16.5	193	
201091	61 Cyg A	K5 V		5.21	1.18	0.03	LWR 12741	L	923.42	13.2	238	
							LWR 12741	S	270.00	13.2	95	
							LWR 12743	L	1440.00	14.2	2X	

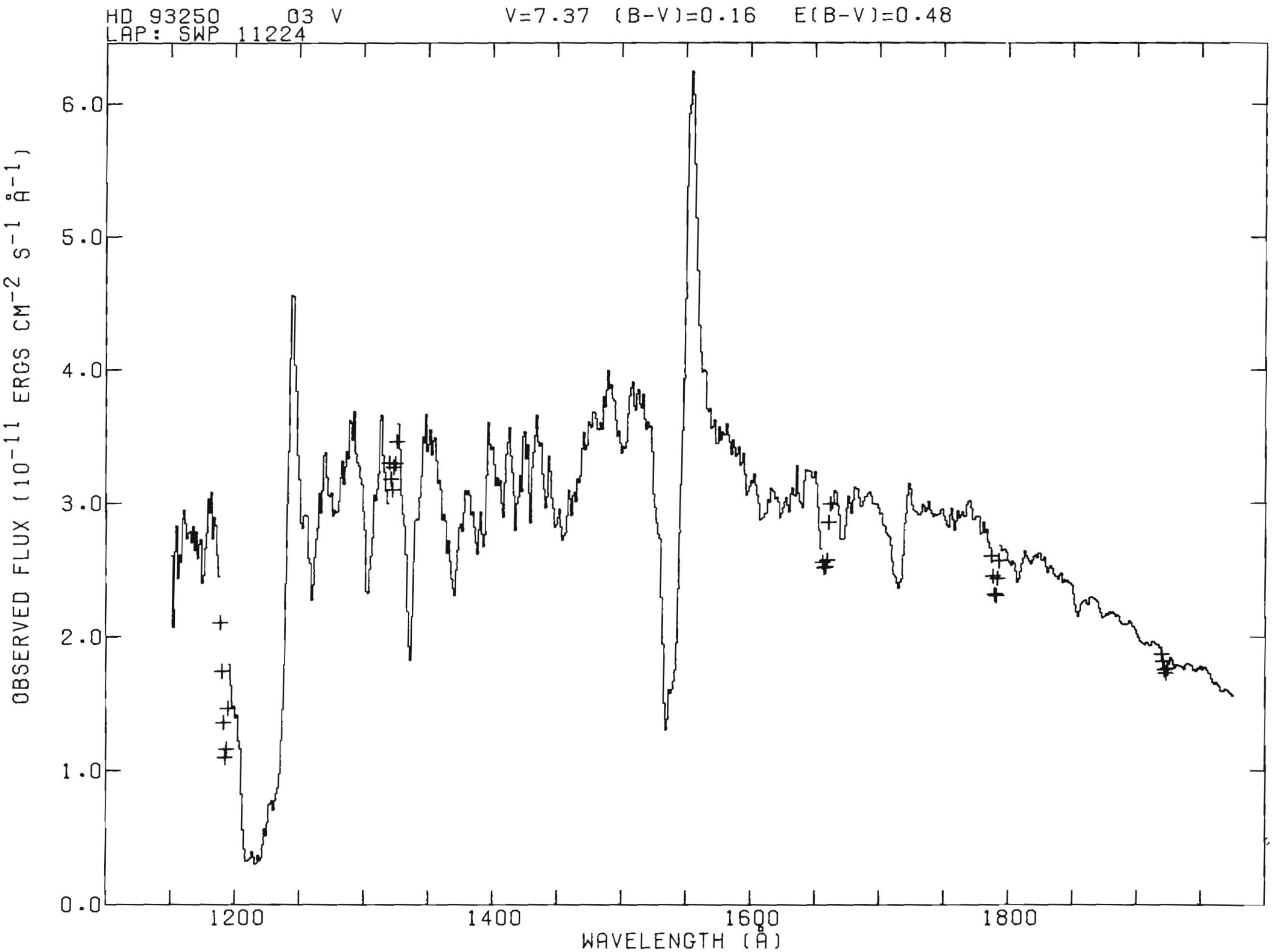
HD	NAME	SP	TYPE	NOTES	V	(B-V)	E(B-V)	IMAGE		AP	EXP	THDA	MDN	COMMENTS
29139	Alp Tau	K5	III		0.85	1.54	0.03	SWP	2806	L	300.00	6.8	0	VILSPA, Not Trailed; Variable = Alp Tau
								SWP	2825	L	2400.00	10.8	0	VILSPA, Not Trailed
								SWP	4032	L	5400.00	8.5	0	VILSPA, Not Trailed
								SWP	4053	L	9000.00	9.5	0	VILSPA, Not Trailed
								SWP	10918	L	1800.00	11.2	2X	Not Trailed
								LWR	10144	L	35.87	13.2	157	51 DN Noise 2209-2265A
78647	Lam Vel	K5	Ib	v	2.21	1.66	0.06	LWR	12672	L	799.53	16.2	8X	Variable = Lam Vel
								LWR	12674	L	676.57	16.5	7X	
201092	61 Cyg B	K7	V		6.03	1.37	0.04	LWR	5538	L	450.00	12.2	180	Not Trailed
								LWR	12742	S	600.00	13.5	2X	
								LWR	12742	L	5400.00	13.5	9X	
								LWR	12744	L	3600.00	14.2	2X	
17709	17 Per	K7	III		4.53	1.56	0.03	SWP	10708	L	5400.00	9.8	65	Not Trailed
								LWR	9405	S	300.00	14.8	0	
								LWR	9405	L	2880.00	14.2	2X	53 DN Noise 3062A MG II EM SAT
52877	Sig CMa	K7	Ib	n	3.46	1.74	0.12	LWR	12190	L	615.00	15.7	3X	Variable = Sig CMa
								LWR	12190	S	30.00	15.9	115	
								LWR	12748	L	1260.00	12.8	2X	
								LWR	12748	S	63.00	13.2	130	
89758	Mu UMa	M0	III		3.05	1.59	0.02	LWR	13054	M	240.00	12.8	2X	4 Spectra
								LWR	13054	S	300.00	12.8	255	
102212	Nu Vir	M1	IIIab		4.03	1.51	-0.09	LWR	11960	M	1680.00	15.9	3X	4 Spectra
								LWR	11960	S	420.00	15.9	168	
39801	Alp Ori	M2	Iab	v	0.50	1.86	0.21	LWR	12668	L	41.00	15.9	246	Variable = Alp Ori
								LWR	12668	S	11.00	15.9	192	
								LWR	12670	L	116.88	16.2	2X	
44478	Mu Gem	M3	IIIab	v	2.88	1.64	0.04	LWR	11825	L	307.48	12.5	222	Variable = Mu Gem
								LWR	12737	L	960.00	11.5	4X	
19058	Rho Per	M4	IIb-IIIa	v	3.39	1.65	0.00	LWR	11563	L	300.00	5.8	2X	Not Trailed; Variable = Rho Per
								LWR	11563	S	100.00	5.8	110	
								LWR	11822	M	2280.00	12.8	6X	63 DN Noise 2629-2675A, 4 Spectra
								LWR	11822	S	200.00	12.8	160	

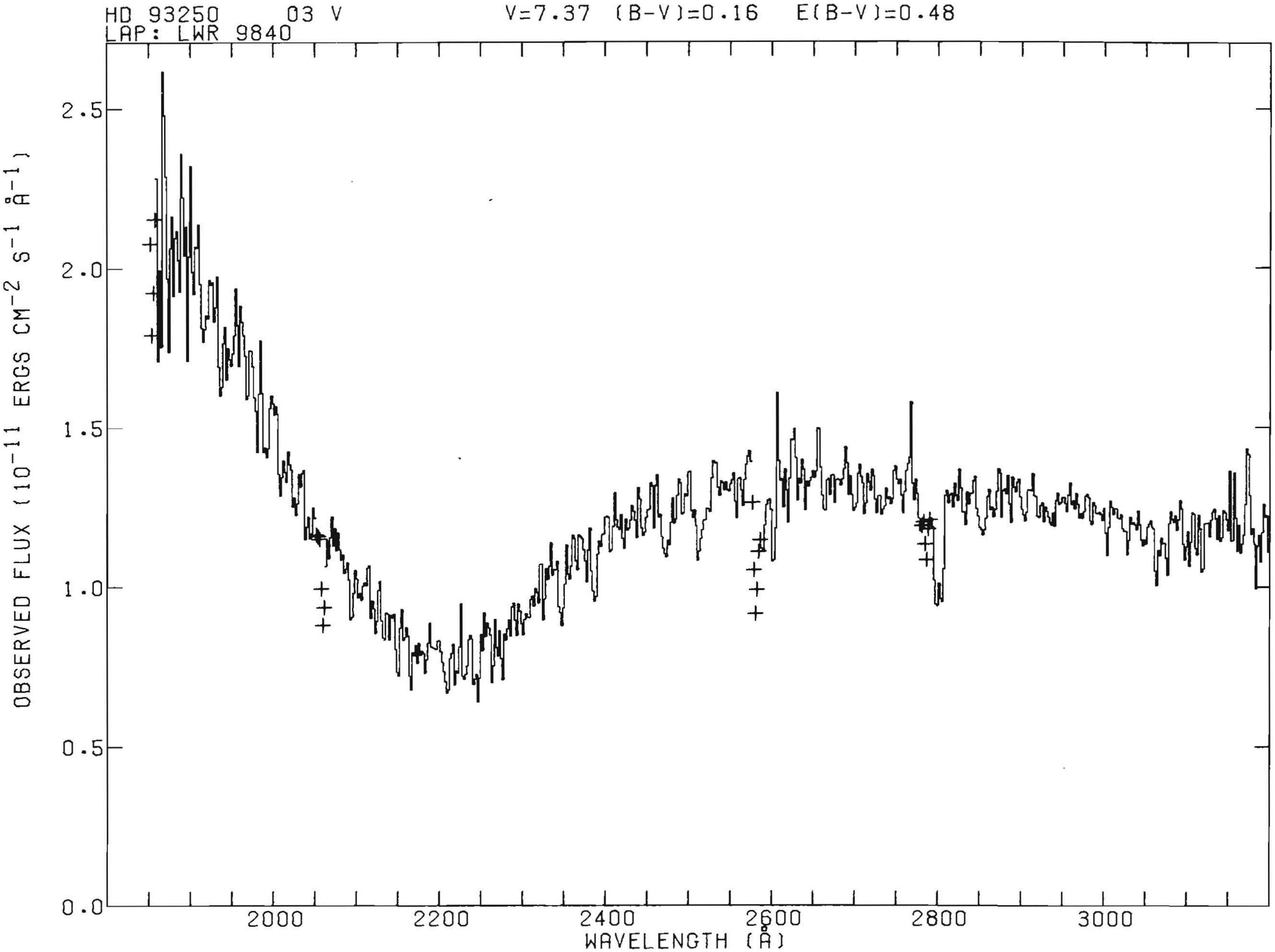
"NOTES" ON PHOTOMETRY

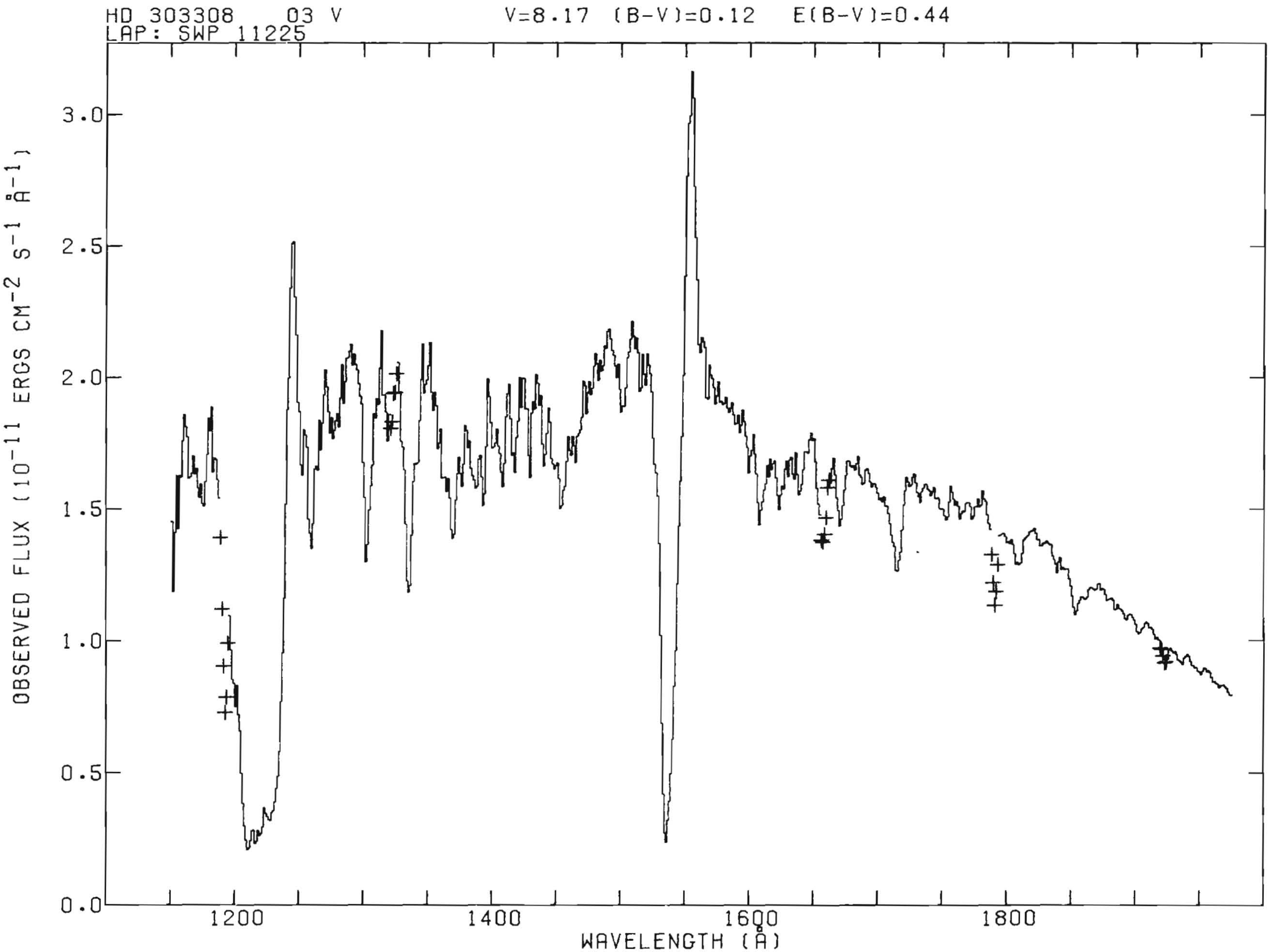
N -- PHOTOMETRY FROM USNO UBV CATALOG
X -- OTHER REFERENCES
BLANK OR OTHER ENTRY -- LISTED IN NICOLET (1978)

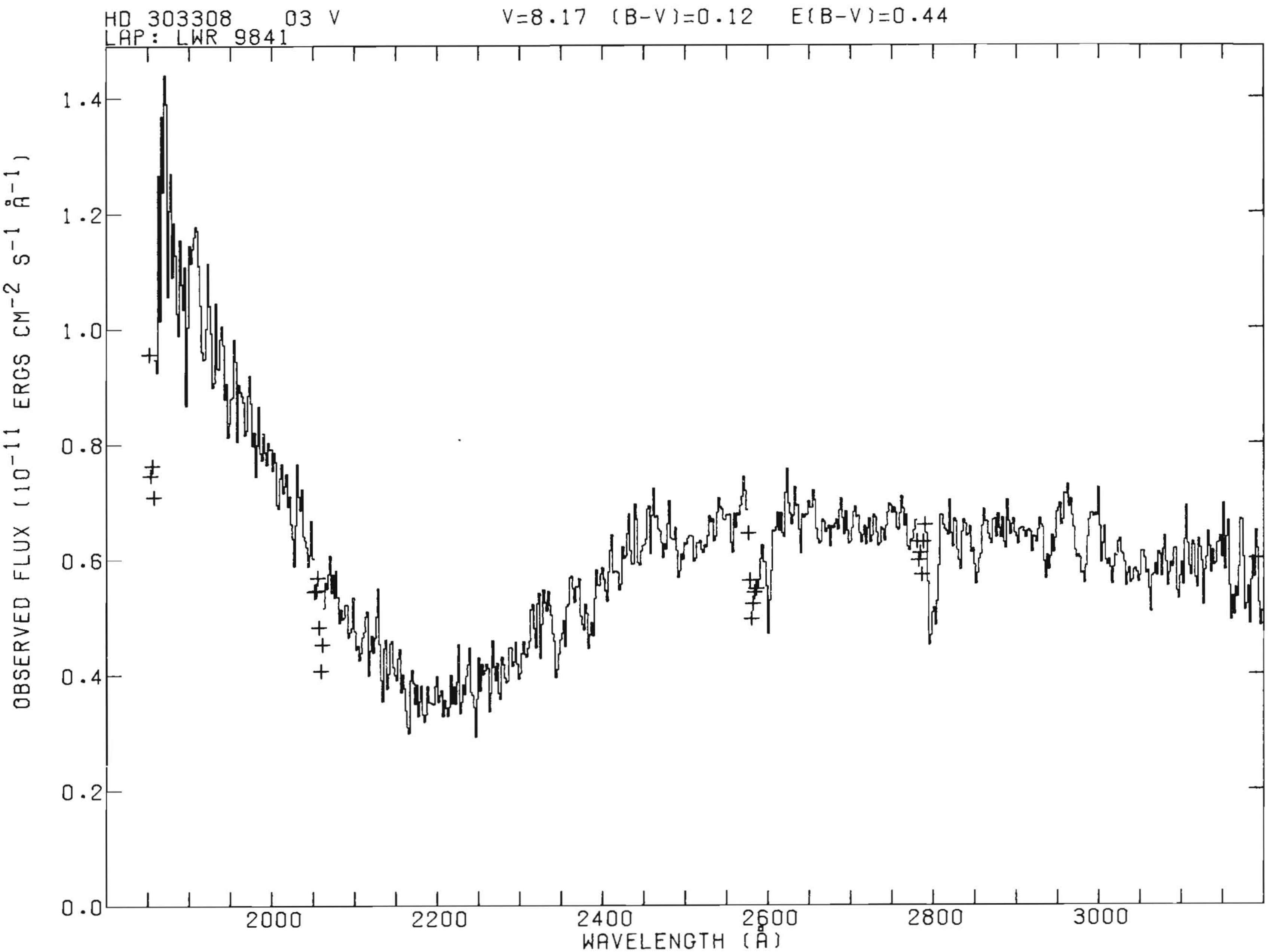
"NOTES" FROM NICOLET UBV CATALOG

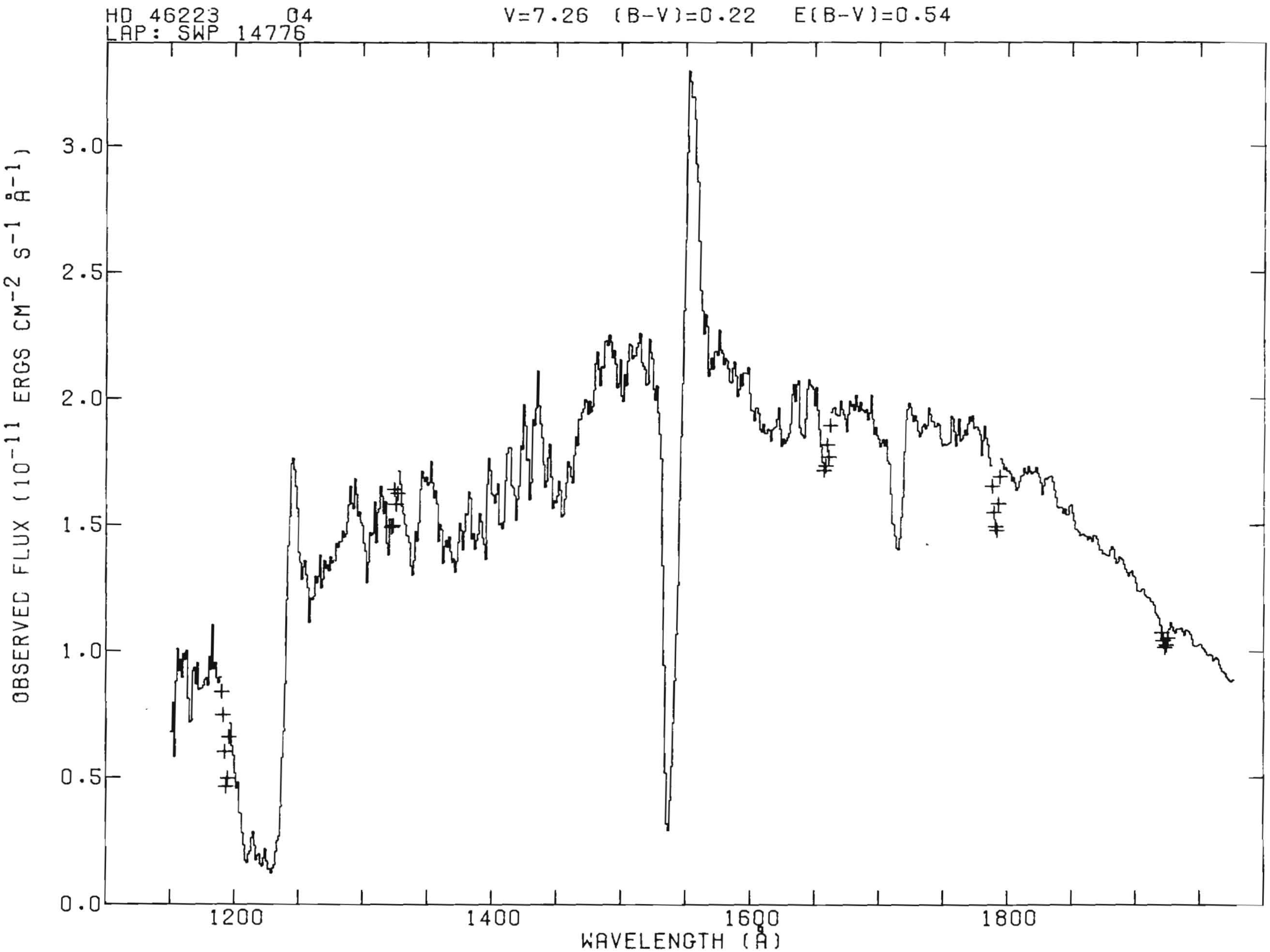
V -- VARIABLE
D -- MULTIPLE POSSIBLY BIASING PHOTOMETRY
M -- COMPONENT OF A MULTIPLE SYSTEM

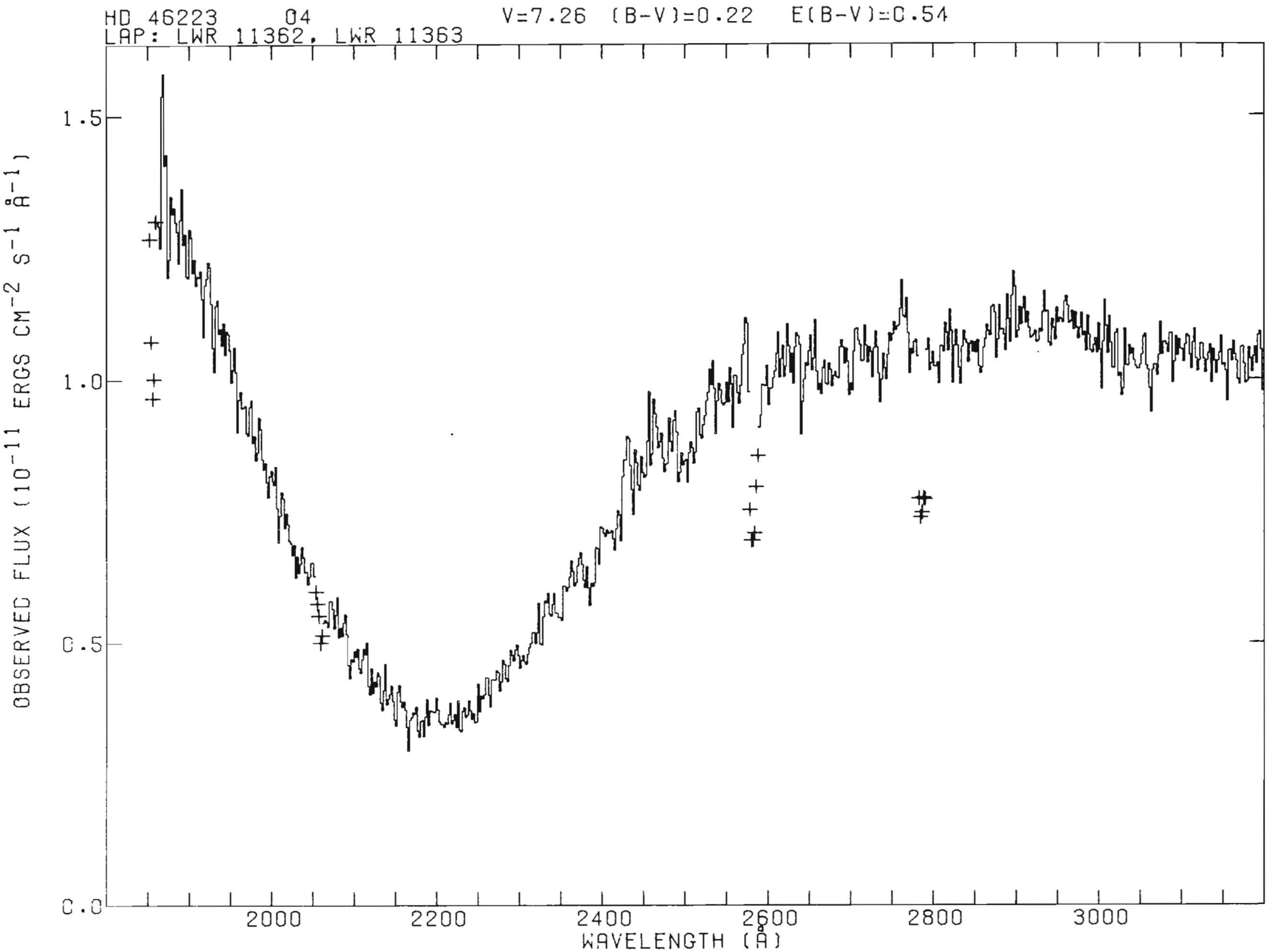

HD 93250 O3 V V=7.37 (B-V)=0.16 E(B-V)=0.48
LAP: SWP 11224
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

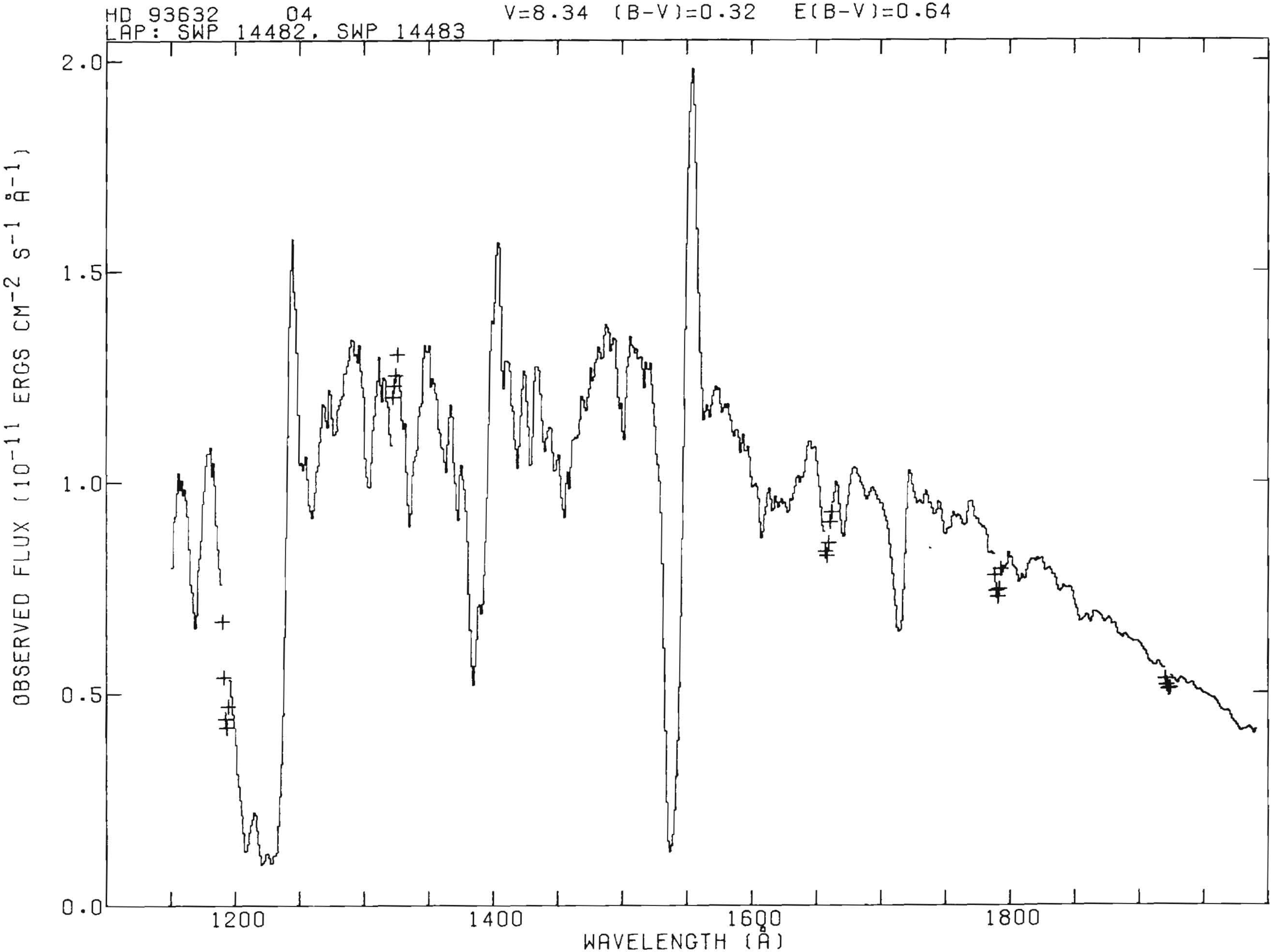

HD 93250 O3 V V=7.37 (B-V)=0.16 E(B-V)=0.48
LAP: LWR 9840
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
2.5
2.0
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

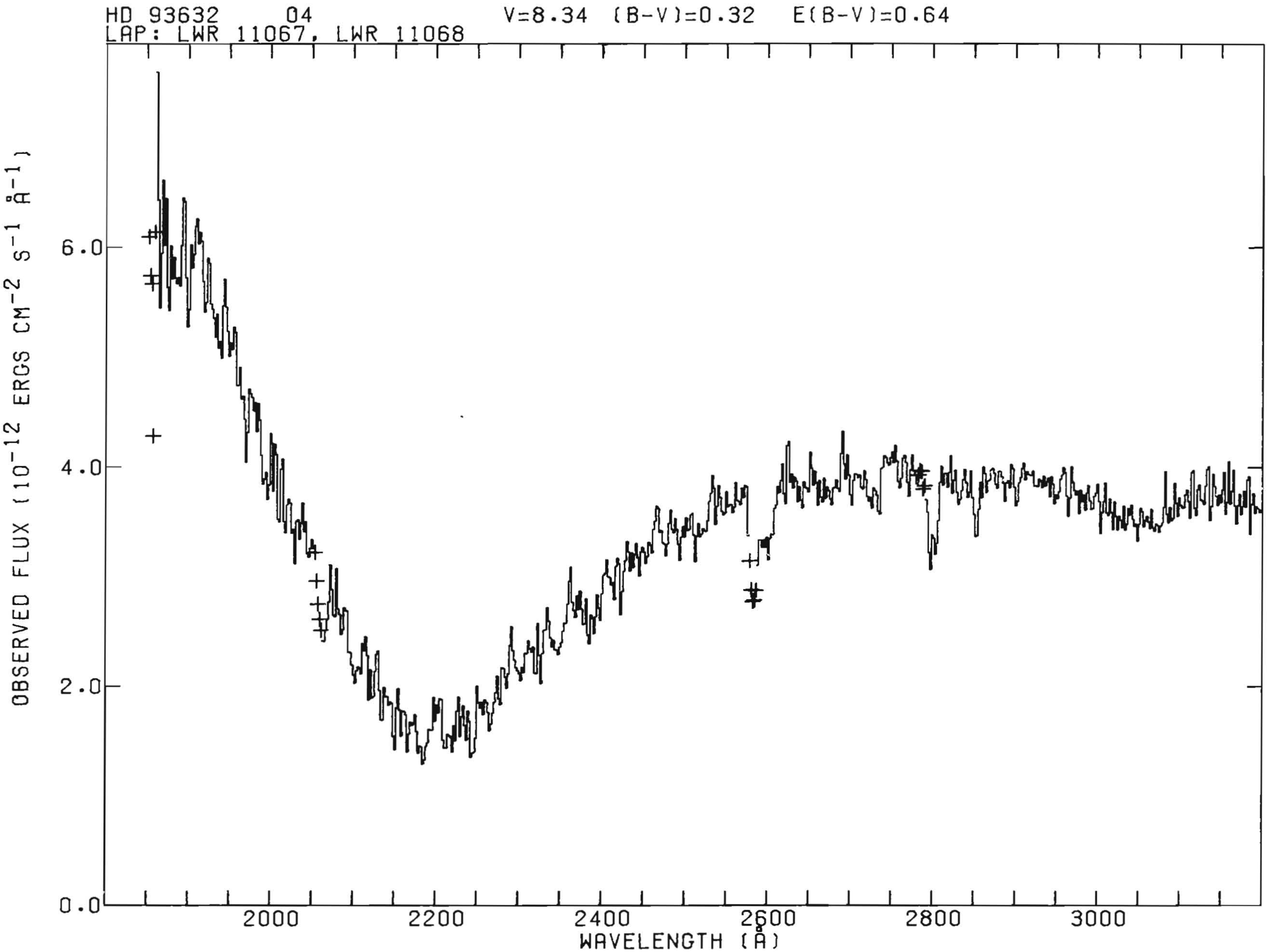

HD 303308 O3 V V=8.17 (B-V)=0.12 E(B-V)=0.44
LAP: SWP 11225
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
1200
1400
1600
1800

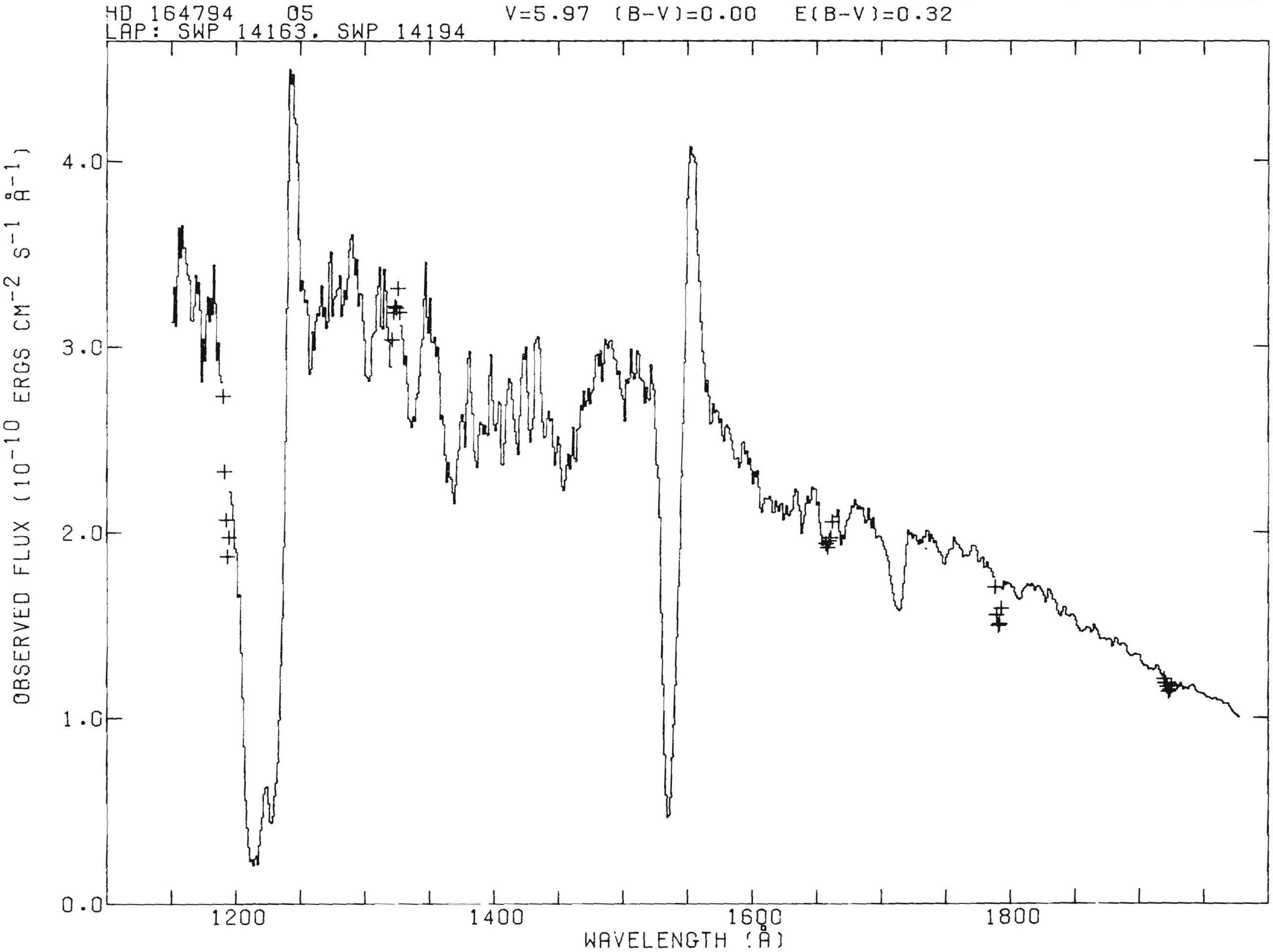

HD 303308 O3 V
LAP: LWR 9841
V=8.17 (B-V)=0.12 E(B-V)=0.44
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} Å^{-1})
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 46223 O4
LAP: SWP 14776
V=7.26 (B-V)=0.22 E(B-V)=0.54
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
1200
1400
1600
1800
WAVELENGTH (Å)

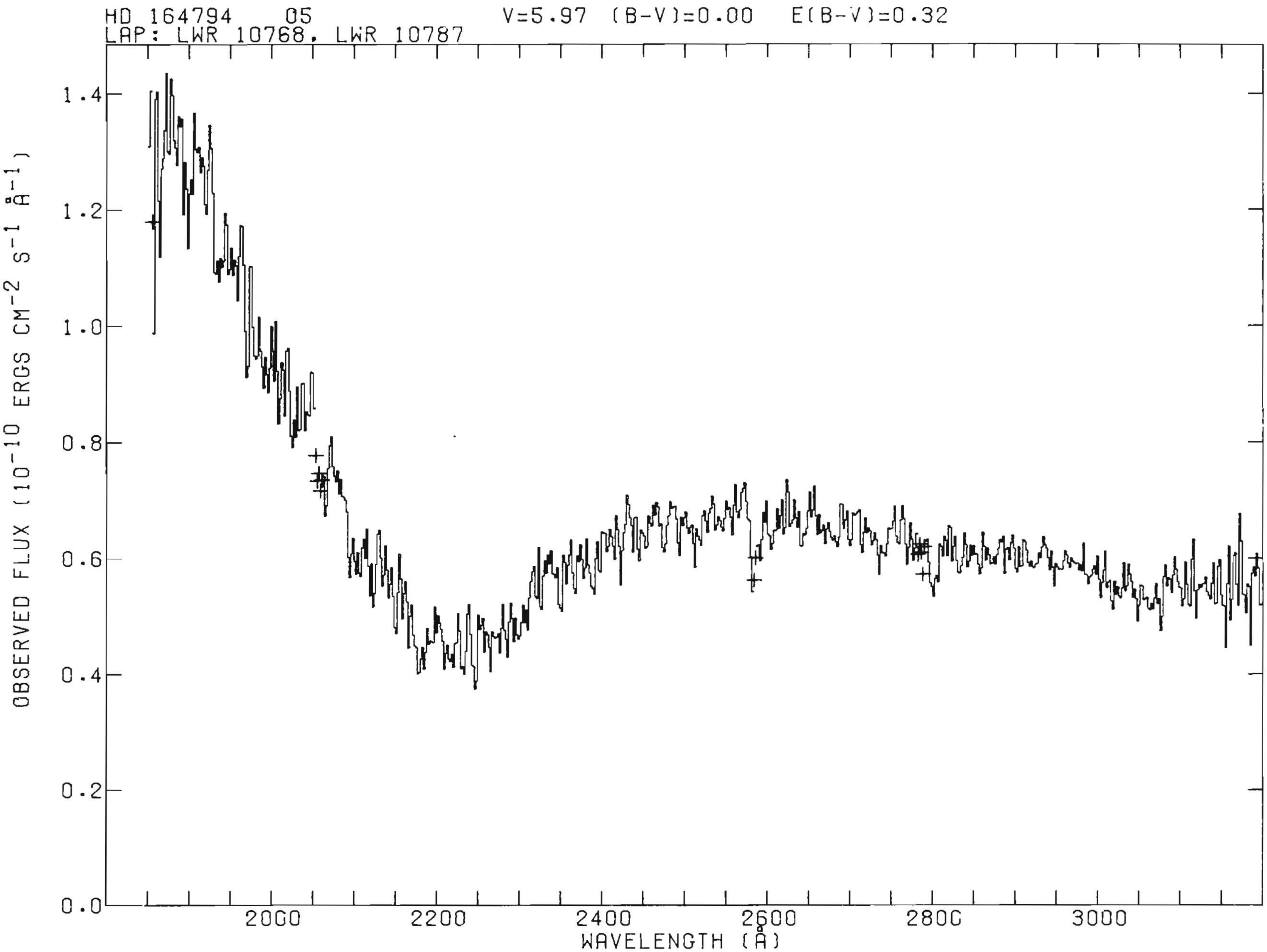

HD 46223 O4
LAP: LWR 11362, LWR 11363
V=7.26 (B-V)=0.22 E(B-V)=0.54
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

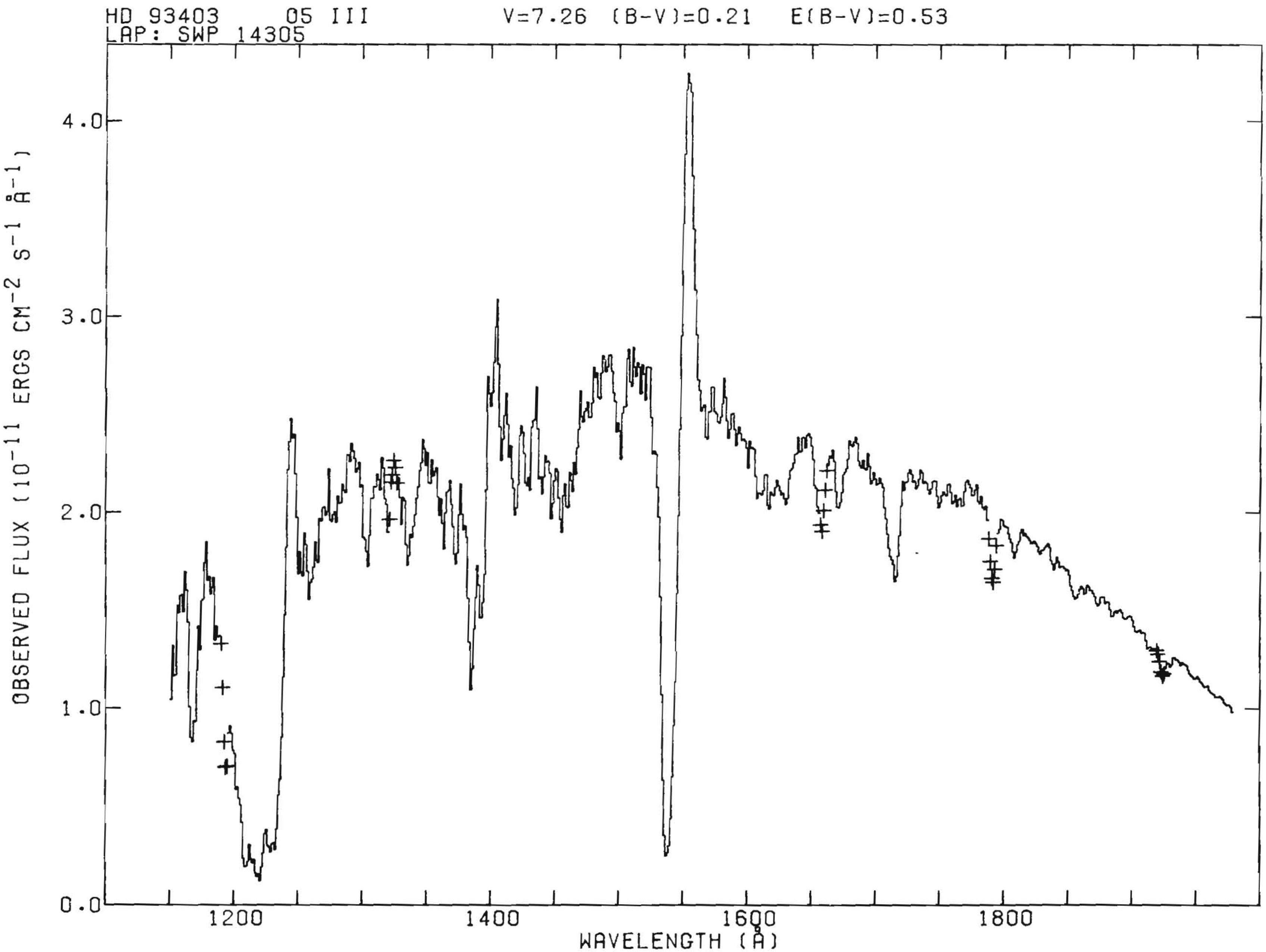

HD 93632 O4 V=8.34 (B-V)=0.32 E(B-V)=0.64
LAP: SWP 14482, SWP 14483
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
0.5
1.0
1.5
2.0
1200
1400
1600
1800


HD 93632 04 V=8.34 (B-V)=0.32 E(B-V)=0.64
LAP: LWR 11067, LWR 11068
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} Å^{-1})
6.0
4.0
2.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

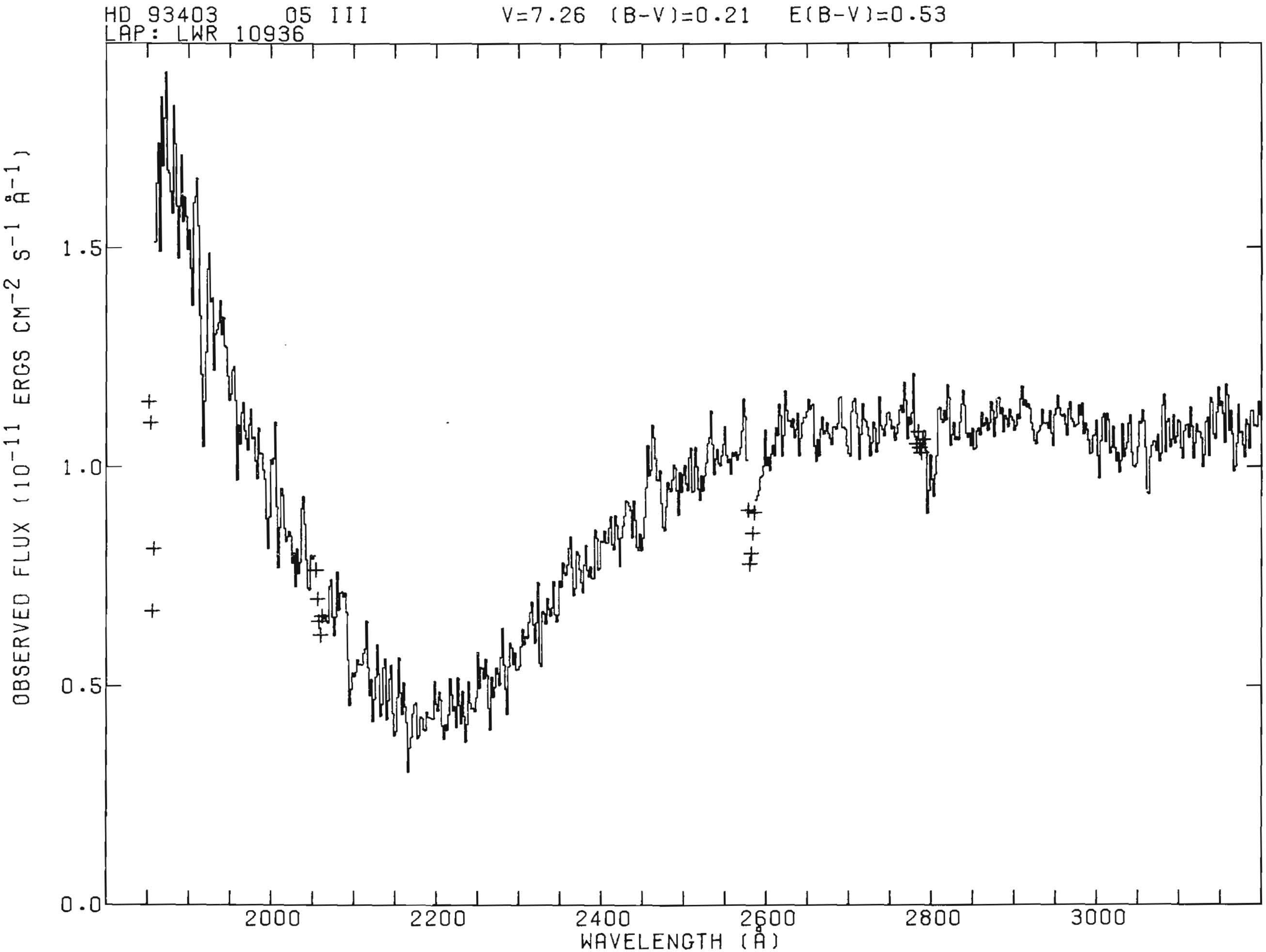


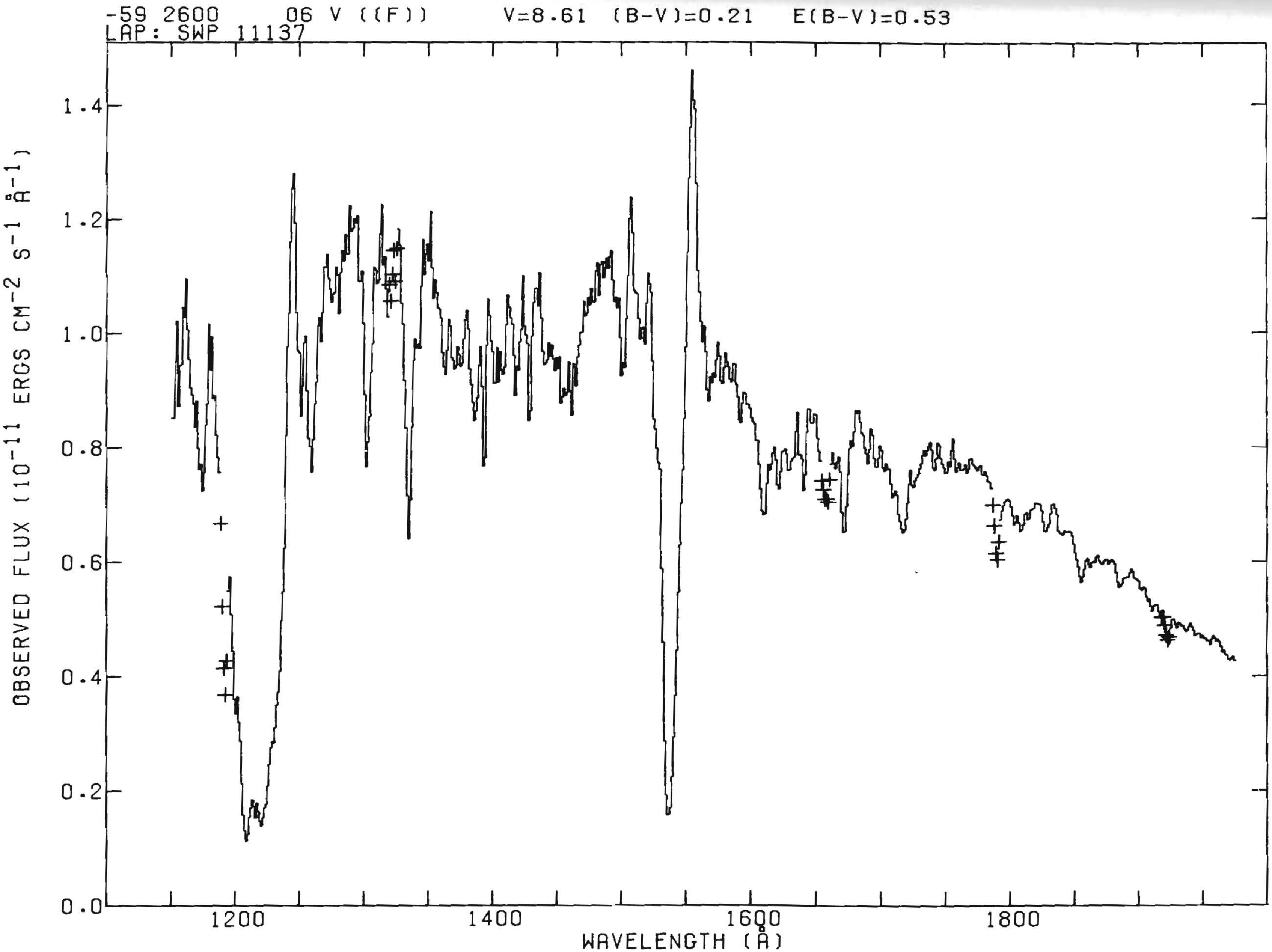
HD 164794 O5 V=5.97 (B-V)=0.00 E(B-V)=0.32
LAP: SWP 14163, SWP 14194
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} Å^{-1})
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)


HD 164794 05 V=5.97 (B-V)=0.00 E(B-V)=0.32
LAP: LWR 10768, LWR 10787
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} Å^{-1})
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

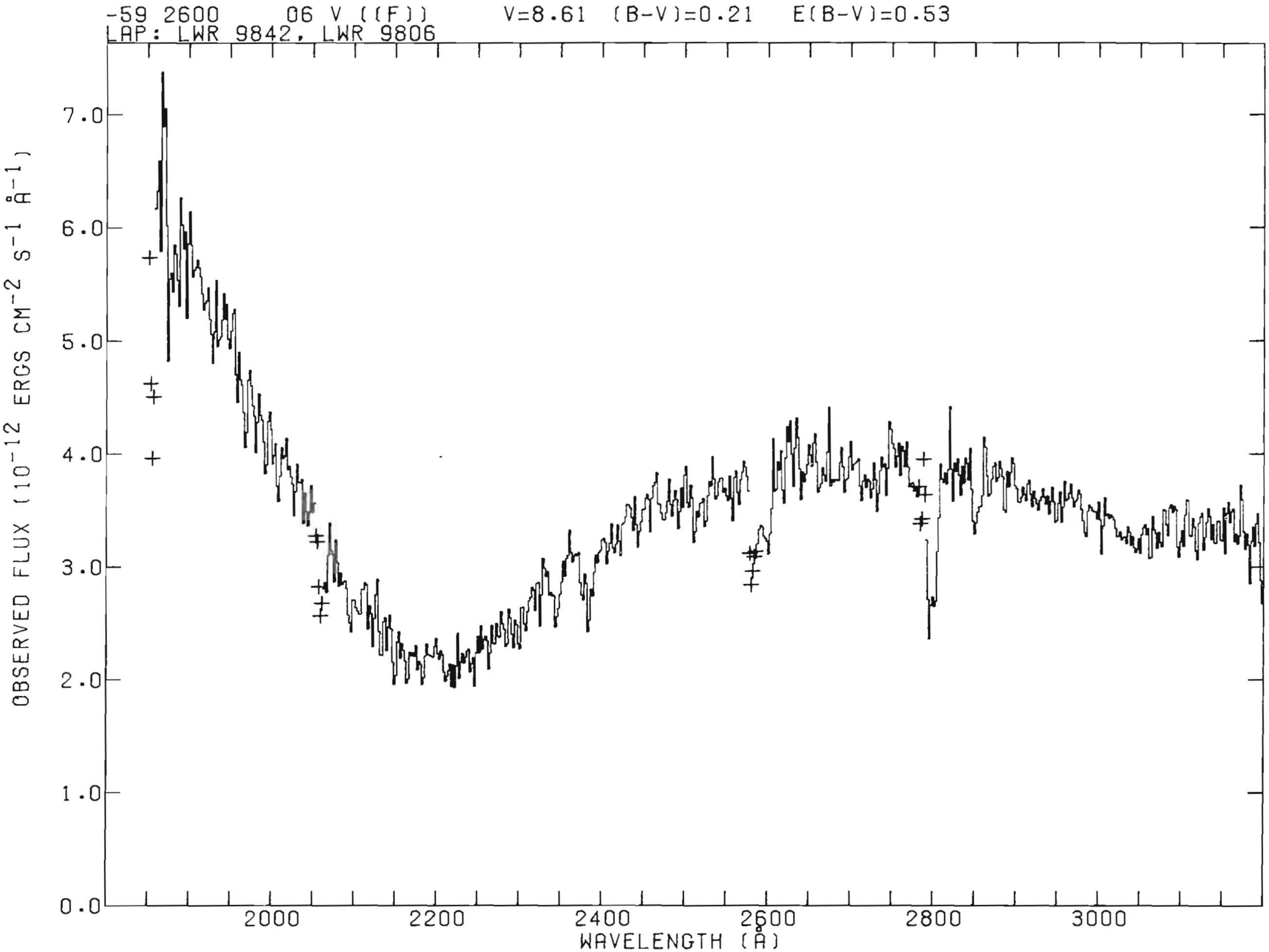


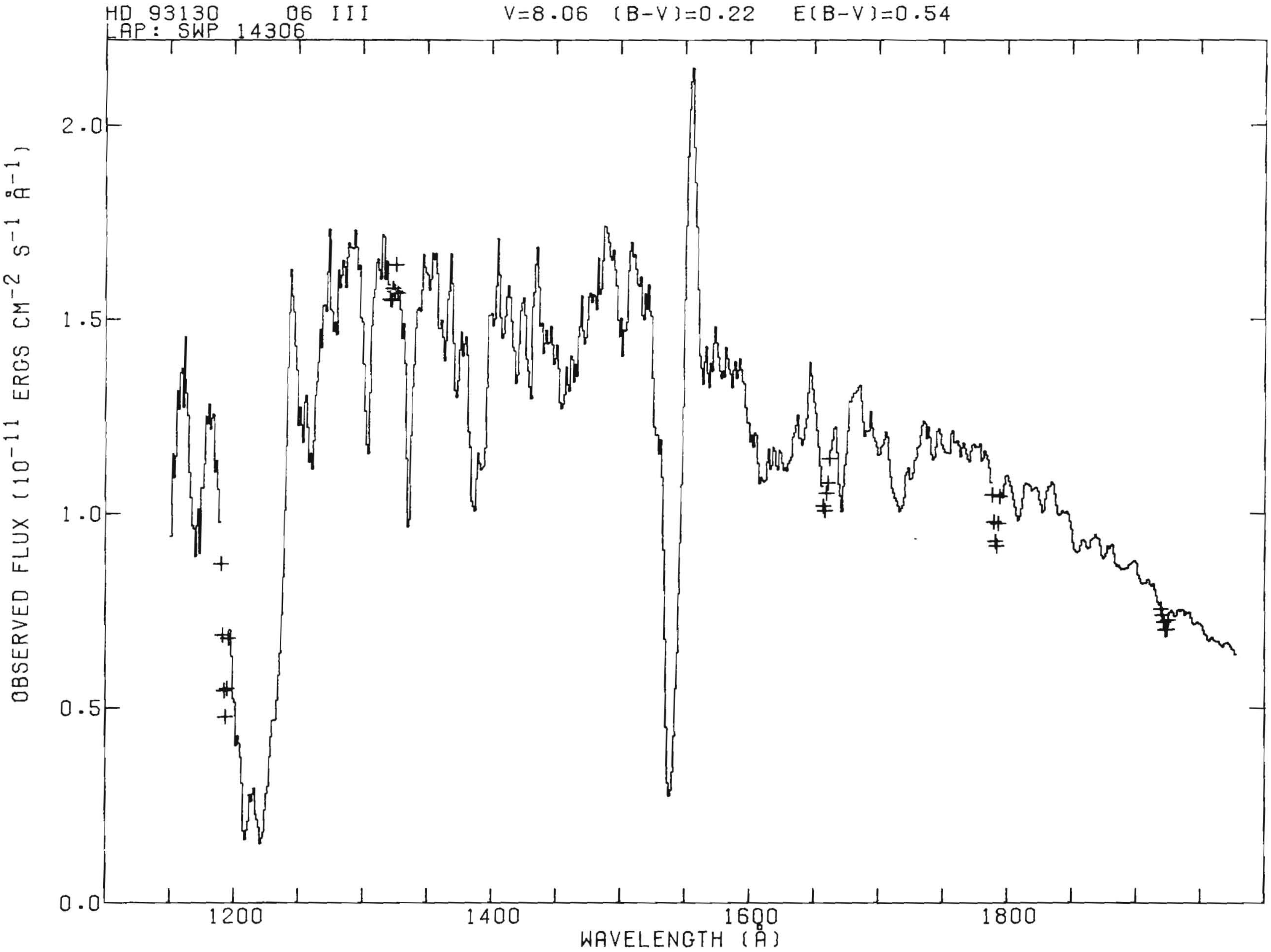
HD 93403 O5 III V=7.26 (B-V)=0.21 E(B-V)=0.53
LAP: SWP 14305
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

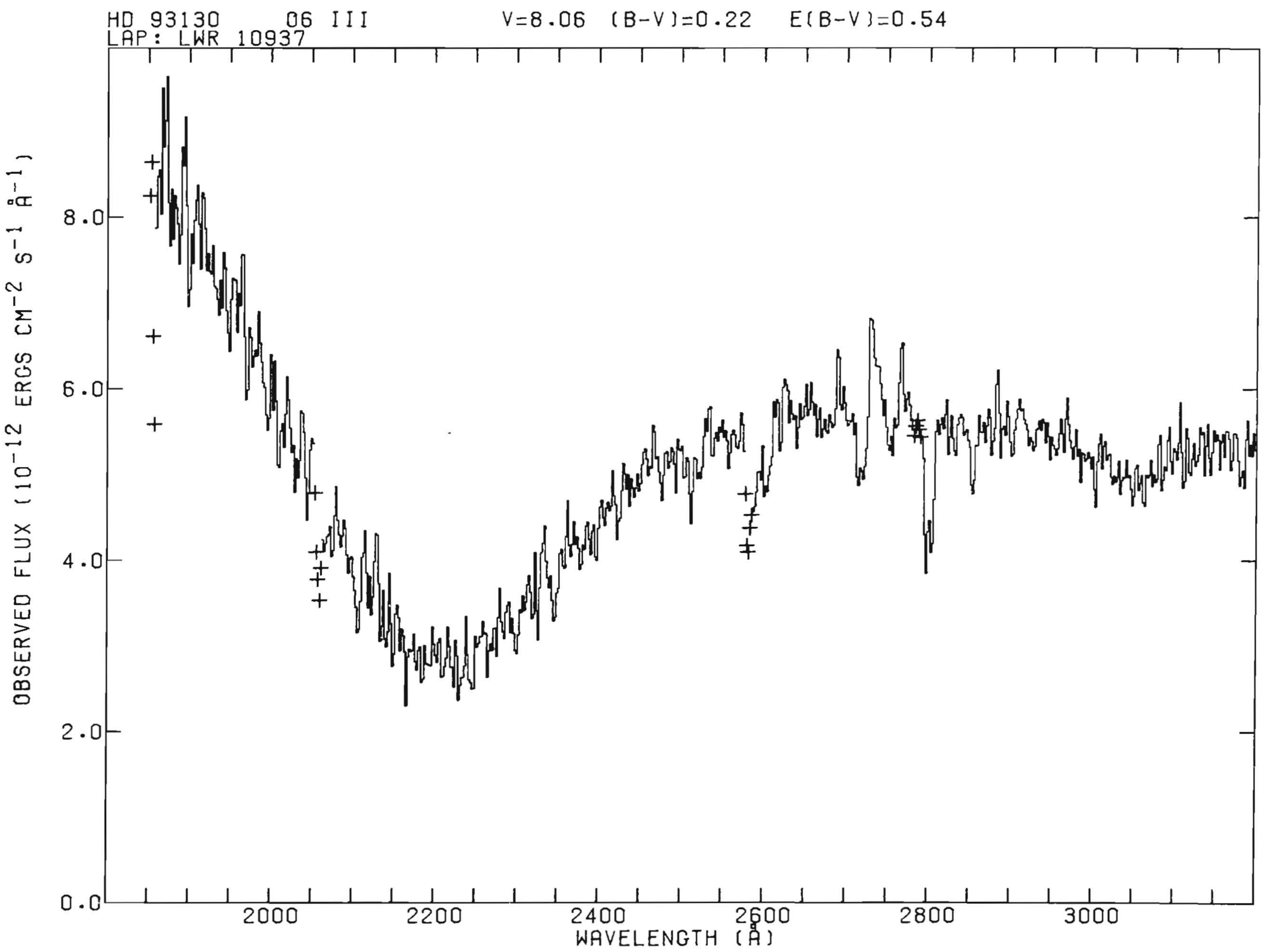

HD 93403 O5 III V=7.26 (B-V)=0.21 E(B-V)=0.53
LAP: LWR 10936
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $\AA^{-1}$)
0.0
0.5
1.0
1.5
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)



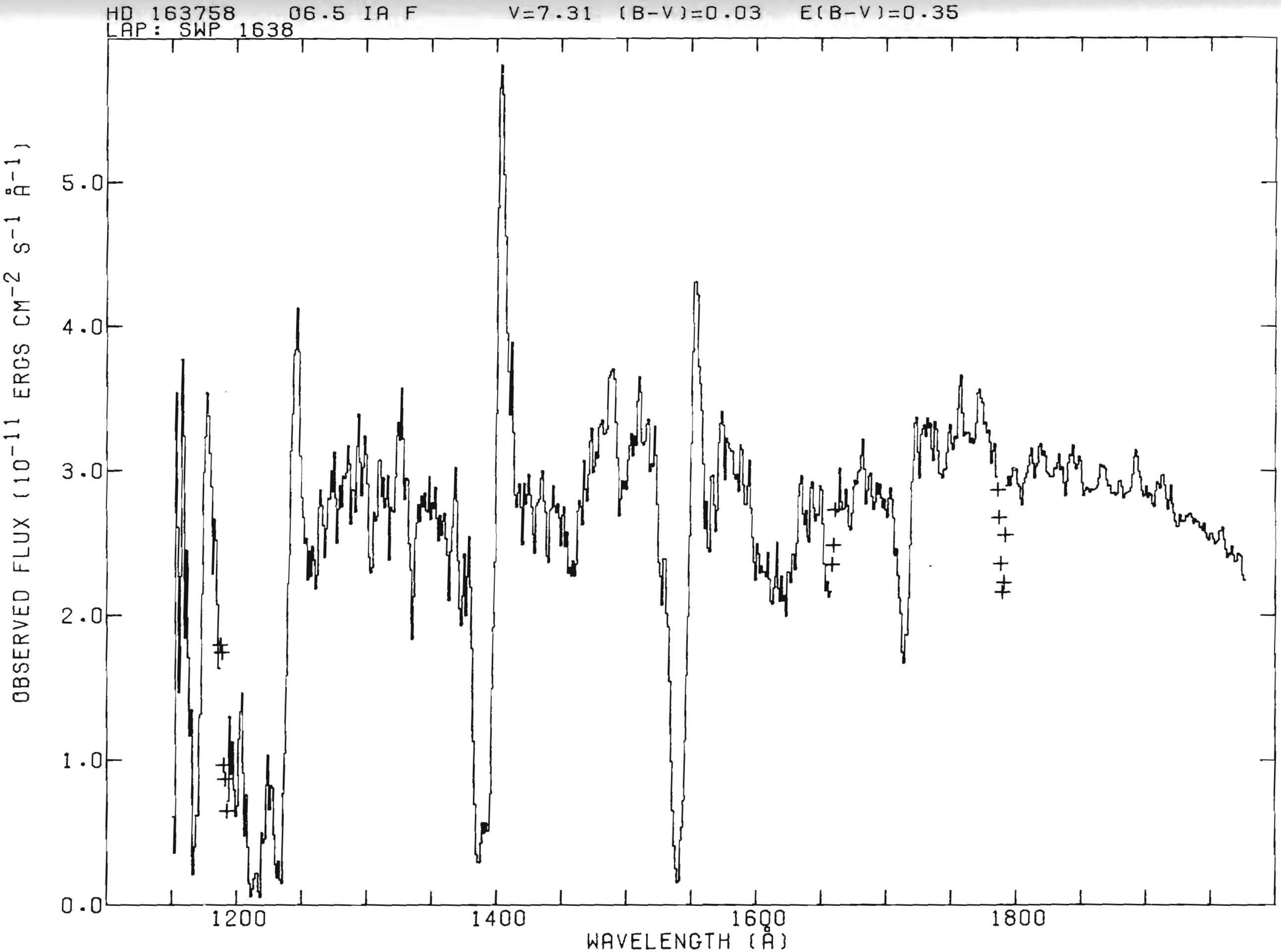
-59 2600 O6 V ((F)) V=8.61 (B-V)=0.21 E(B-V)=0.53
LAP: SWP 11137
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
1200
1400
1600
1800

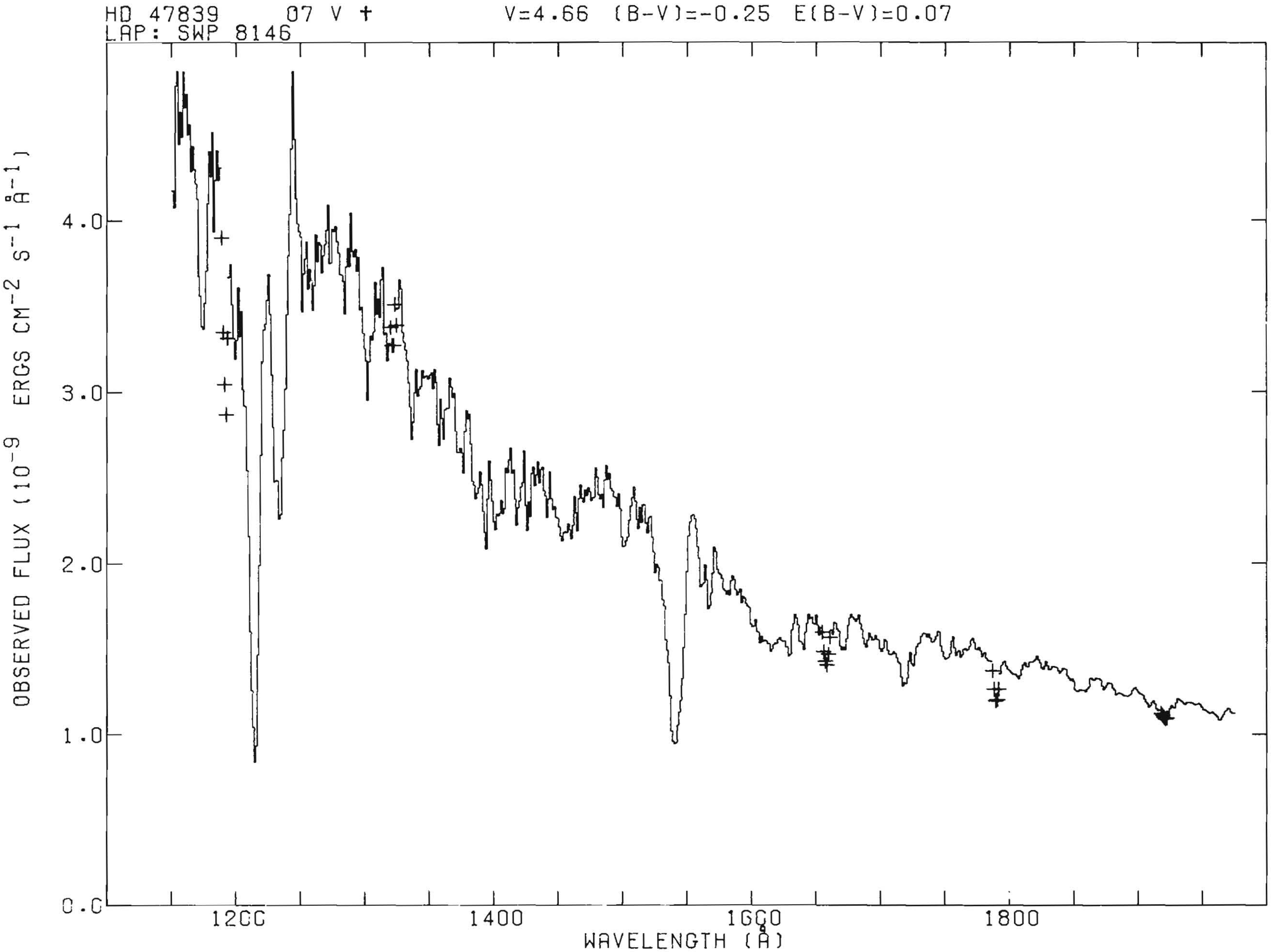

-59 2600 06 V ((F)) V=8.61 (B-V)=0.21 E(B-V)=0.53
LAP: LWR 9842, LWR 9806
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} Å^{-1})
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 93130 O6 III V=8.06 (B-V)=0.22 E(B-V)=0.54
LAP: SWP 14306
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
2.0
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

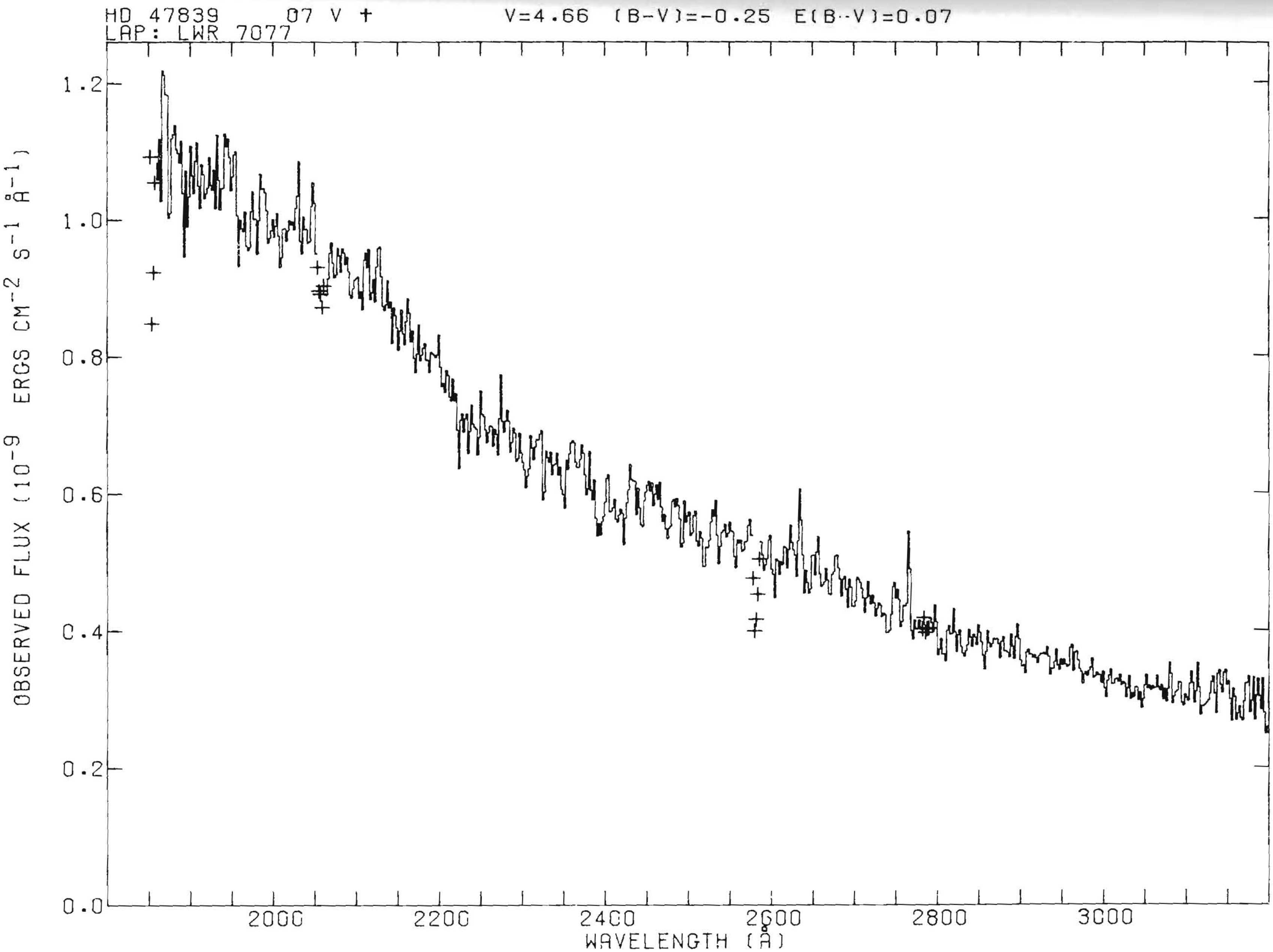


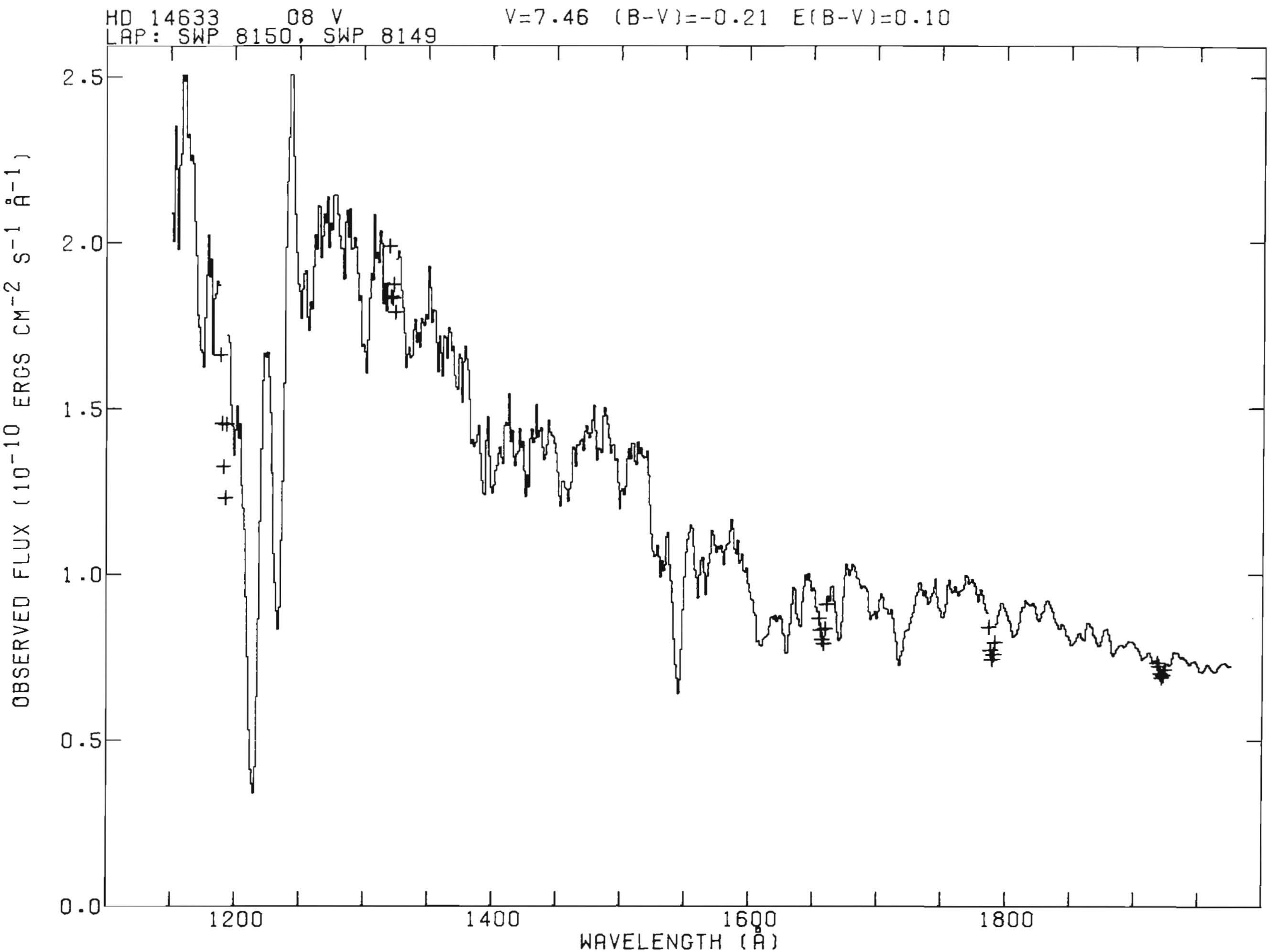
HD 93130 O6 III V=8.06 (B-V)=0.22 E(B-V)=0.54
LAP: LWR 10937
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} Å^{-1})
8.0
6.0
4.0
2.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 163758 O6.5 IA F V=7.31 (B-V)=0.03 E(B-V)=0.35
LAP: SWP 1638
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
1.0
2.0
3.0
4.0
5.0
1200
1400
1600
1800
WAVELENGTH (Å)

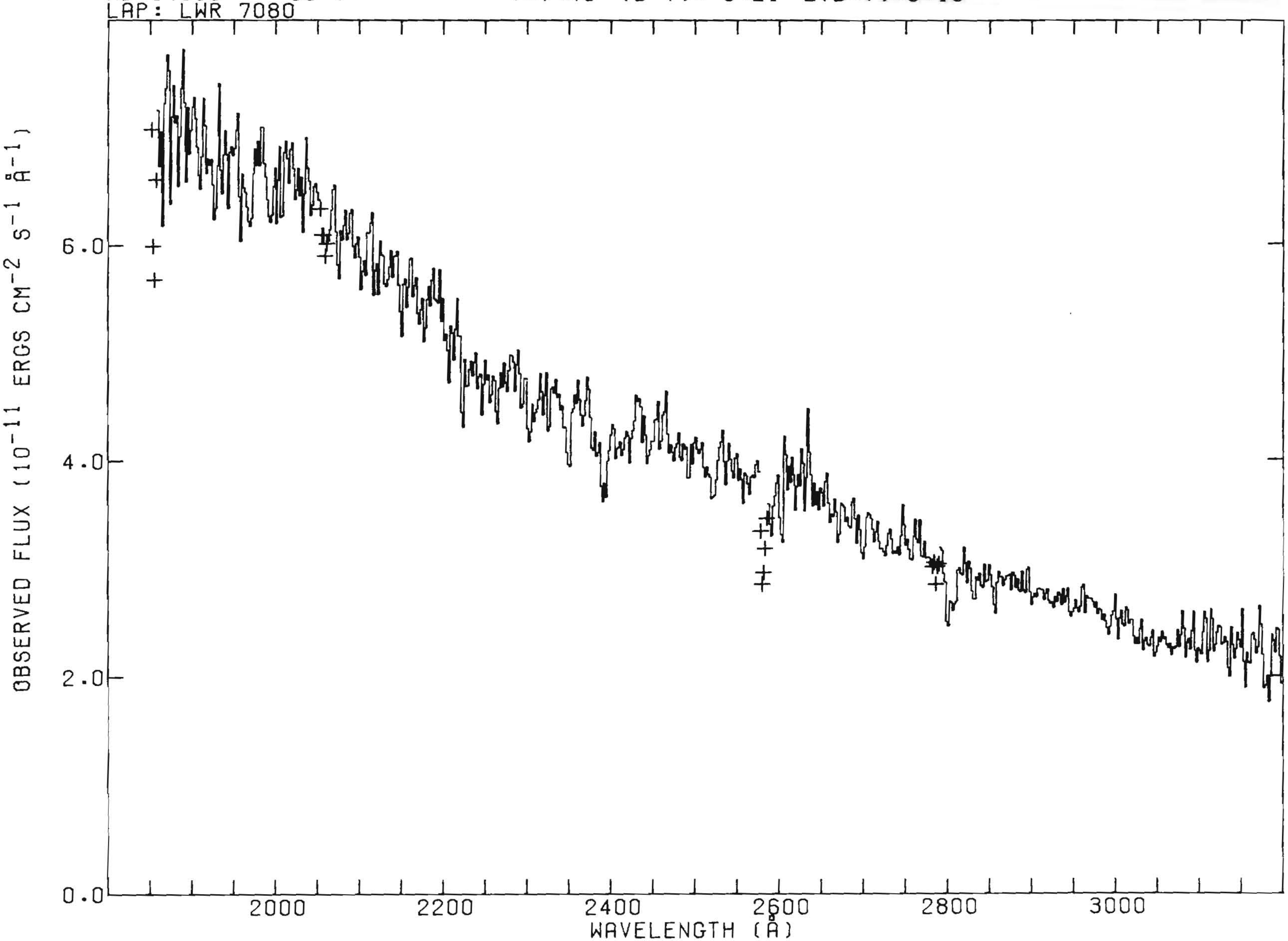


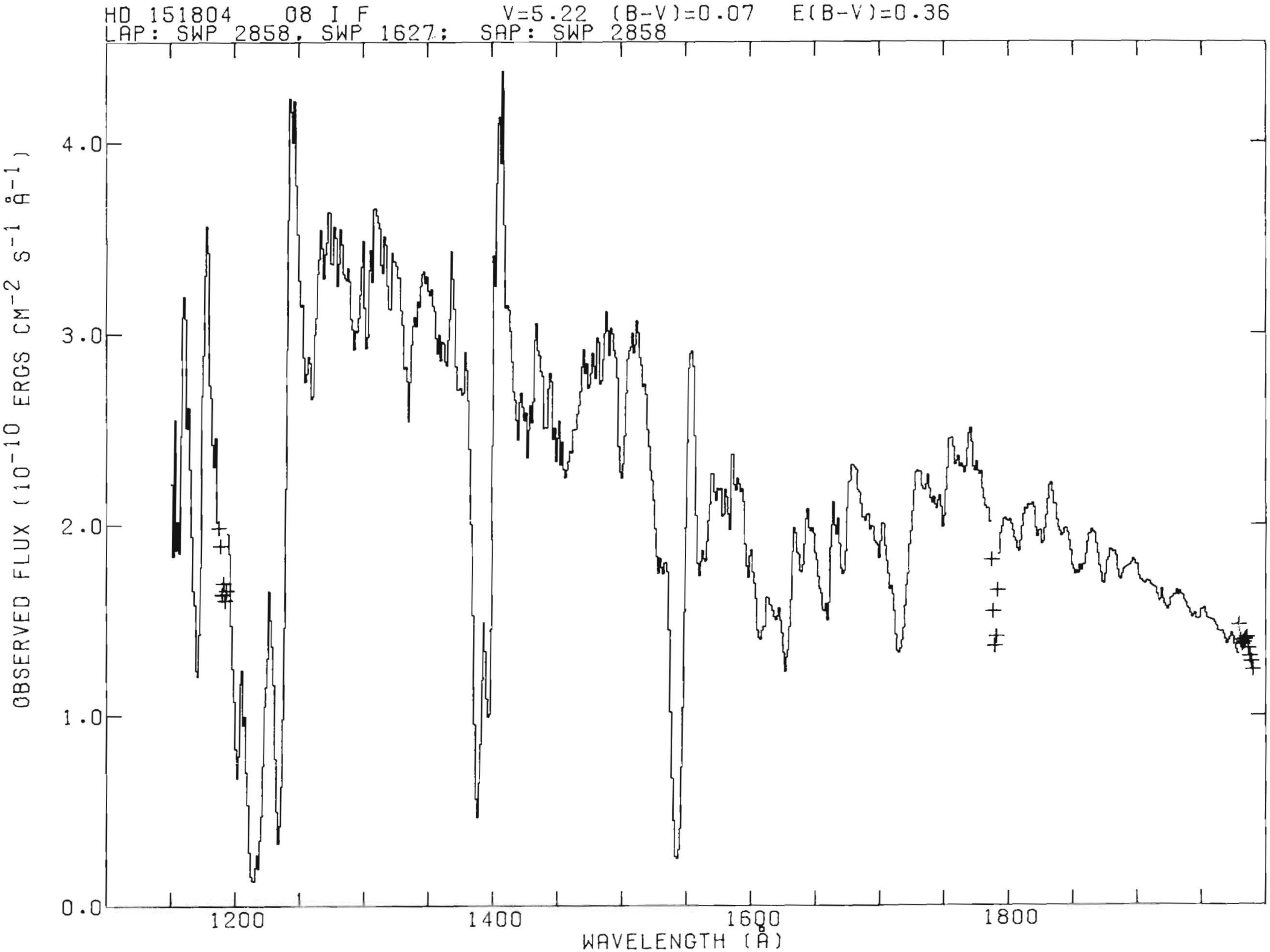
HD 47839 O7 V +
V=4.66 (B-V)=-0.25 E(B-V)=0.07
LAP: SWP 8146
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)


HD 47839 O7 V +
V=4.66 (B-V)=-0.25 E(B-V)=0.07
LAP: LWR 7077
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

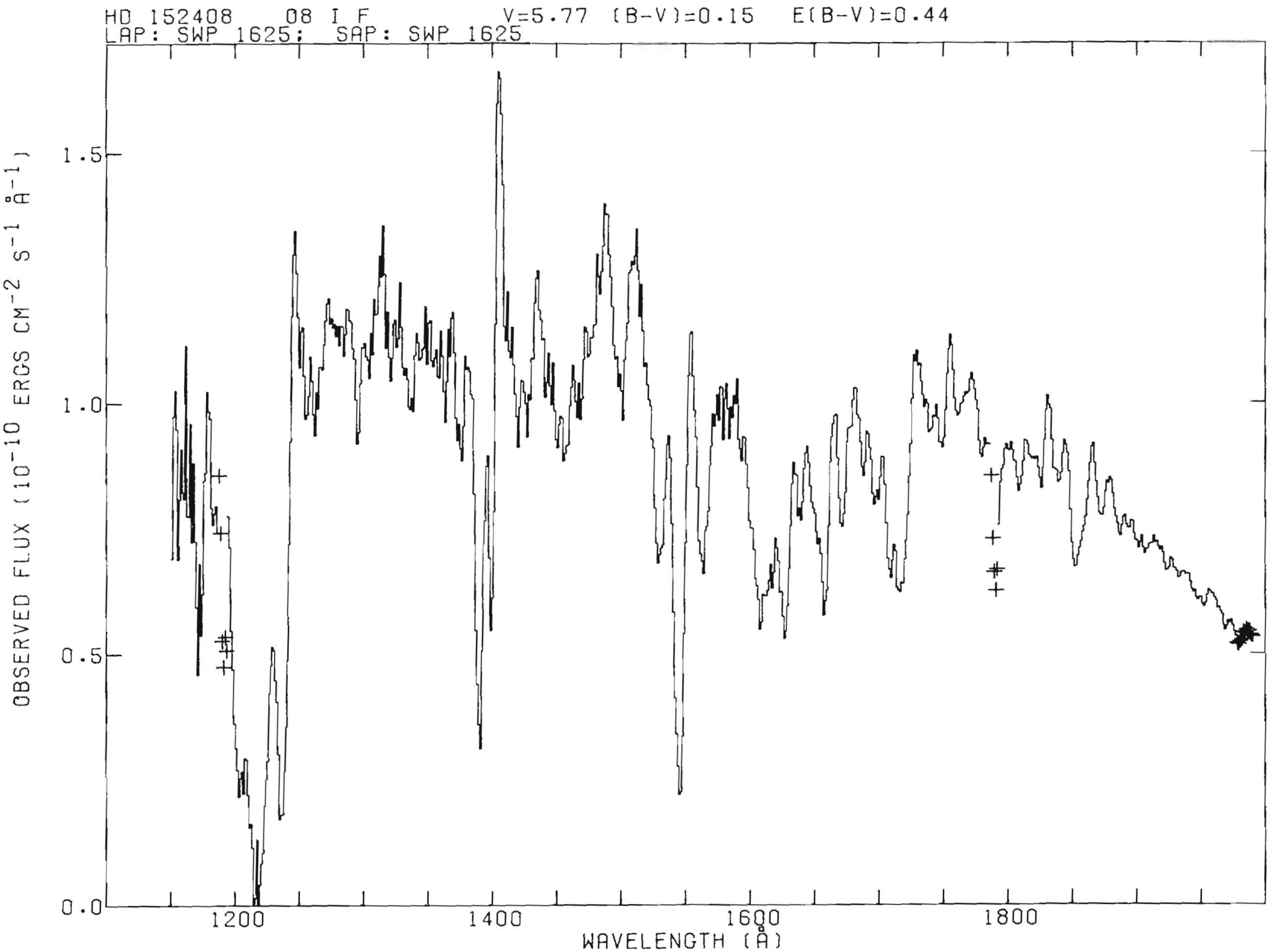

HD 14633 O8 V V=7.46 (B-V)=-0.21 E(B-V)=0.10
LAP: SWP 8150, SWP 8149
OBSERVED FLUX (10^-10 ERGS CM^-2 S^-1 Å^-1)
0.0
0.5
1.0
1.5
2.0
2.5
1200
1400
1600
1800
WAVELENGTH (Å)

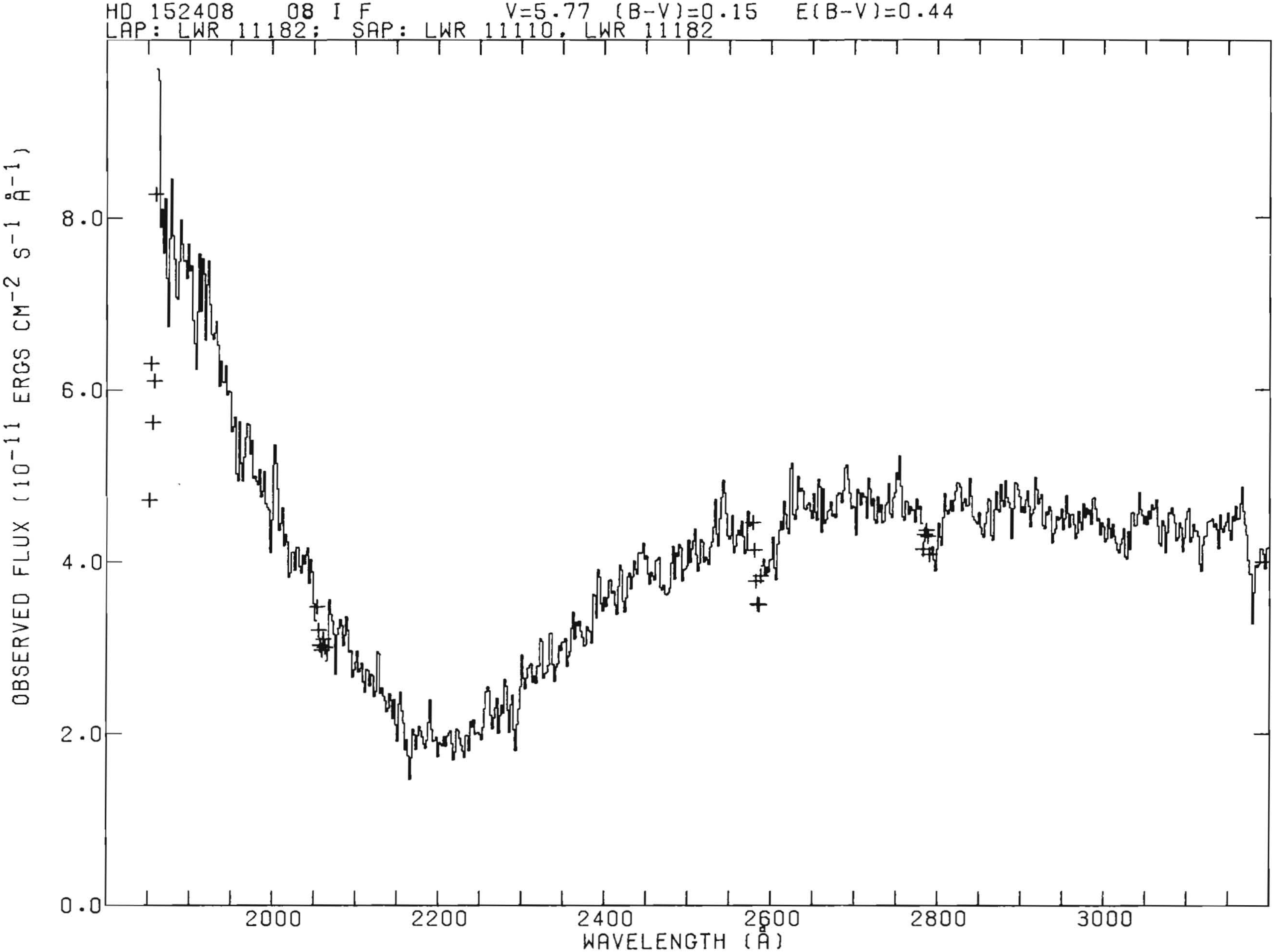
HD 14633 O8 V V=7.46 (B-V)=-0.21 E(B-V)=0.10
LAP: LWR 7080

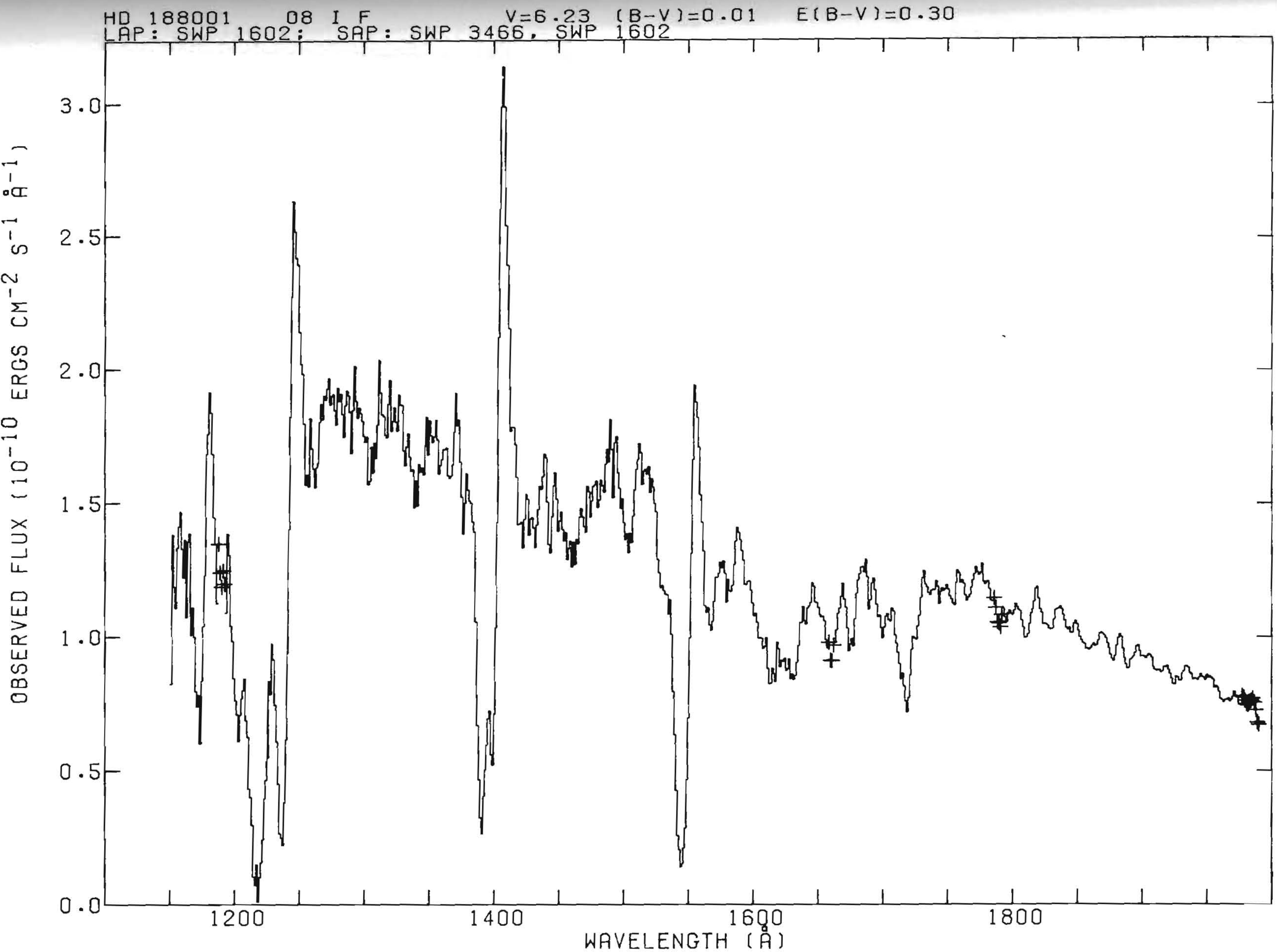


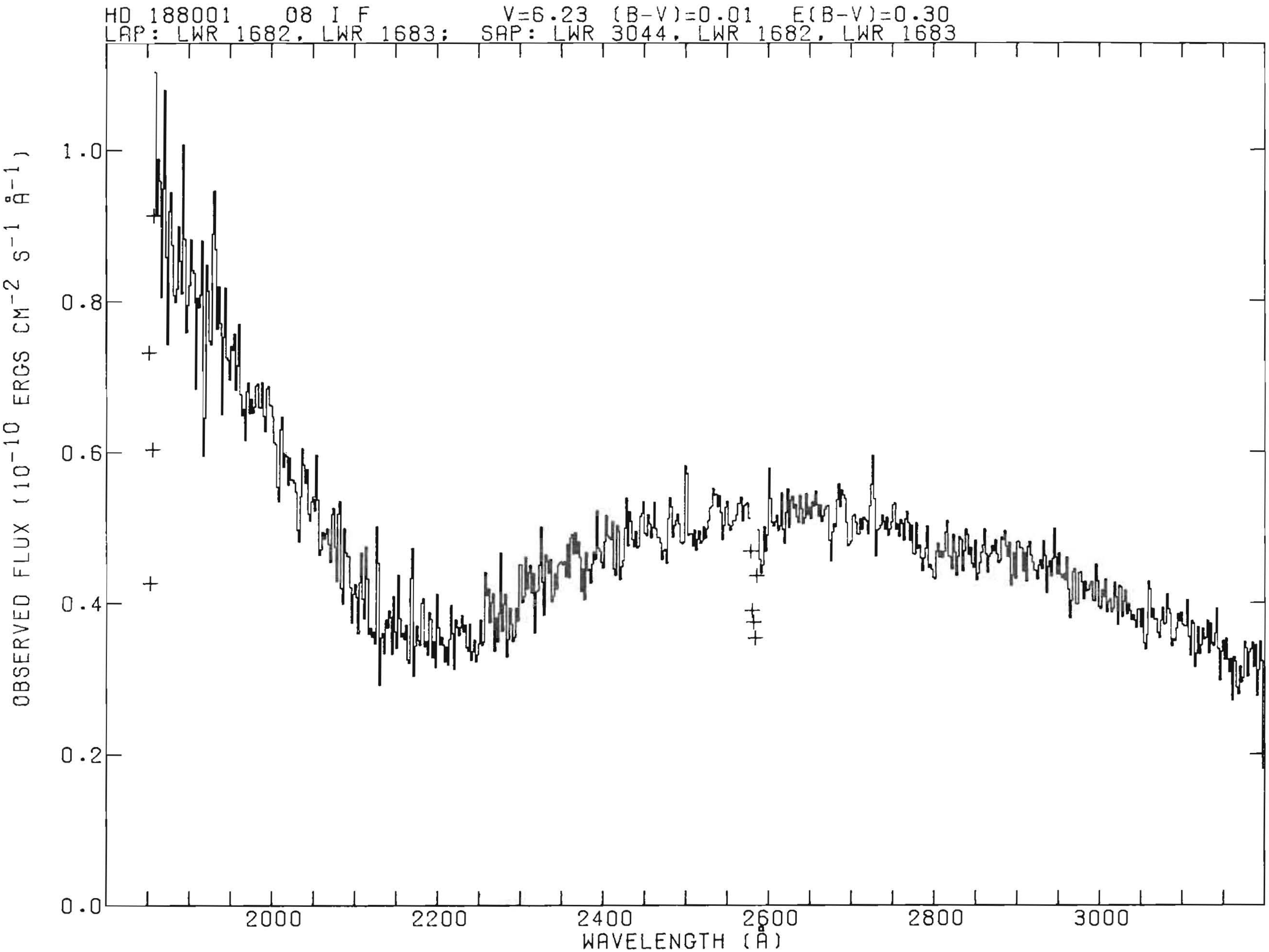


HD 151804 O8 I F V=5.22 (B-V)=0.07 E(B-V)=0.36
LAP: SWP 2858, SWP 1627; SAP: SWP 2858
OBSERVED FLUX (10⁻¹⁰ ERGS CM⁻² S⁻¹ Å⁻¹)
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

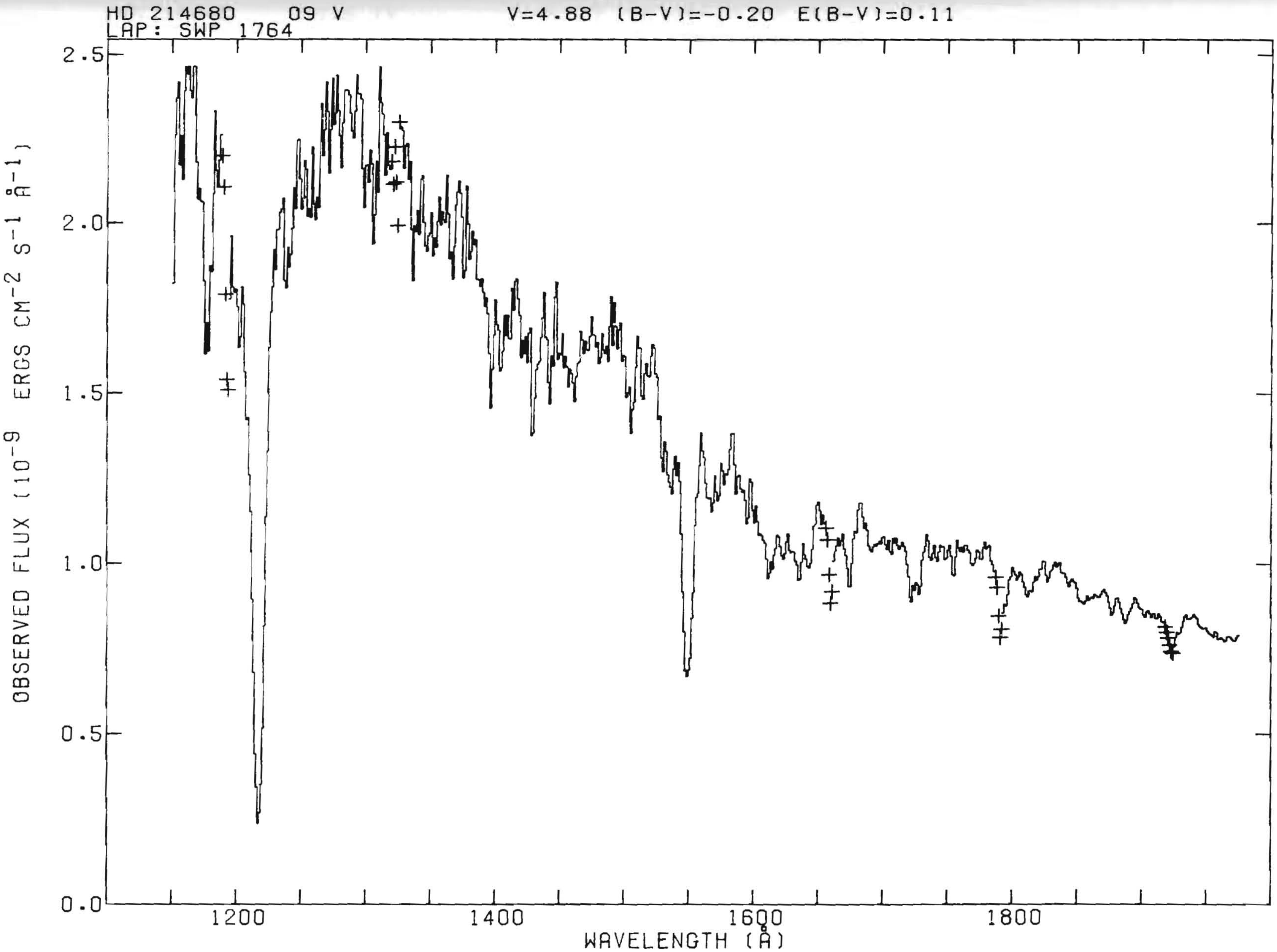

HD 152408 O8 I F V=5.77 (B-V)=0.15 E(B-V)=0.44
LAP: SWP 1625; SAP: SWP 1625
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

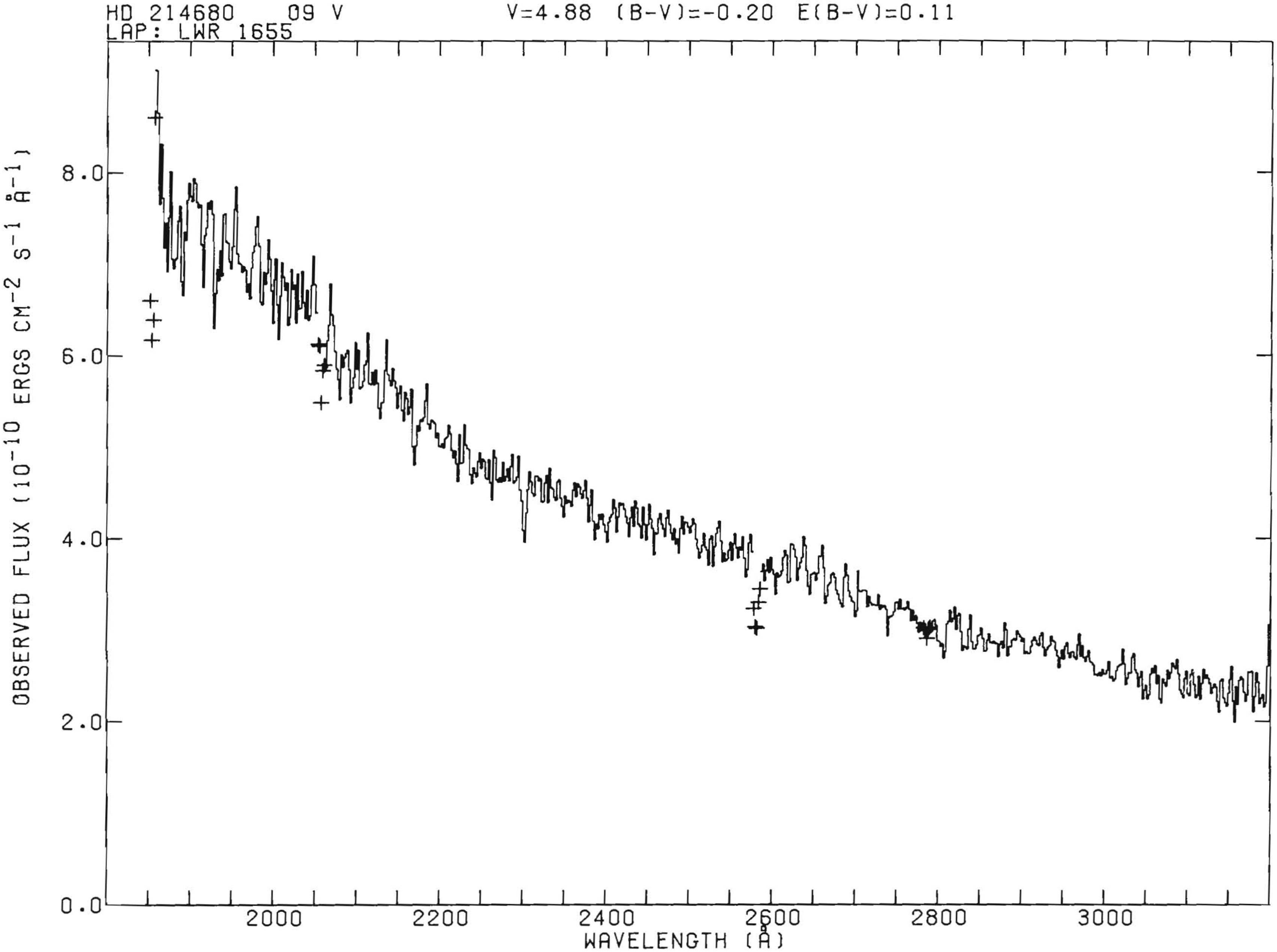

HD 152408 O8 I F V=5.77 (B-V)=0.15 E(B-V)=0.44
LAP: LWR 11182; SAP: LWR 11110, LWR 11182
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} Å^{-1})
8.0
6.0
4.0
2.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 188001 08 I F V=6.23 (B-V)=0.01 E(B-V)=0.30
LAP: SWP 1602; SAP: SWP 3466, SWP 1602
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

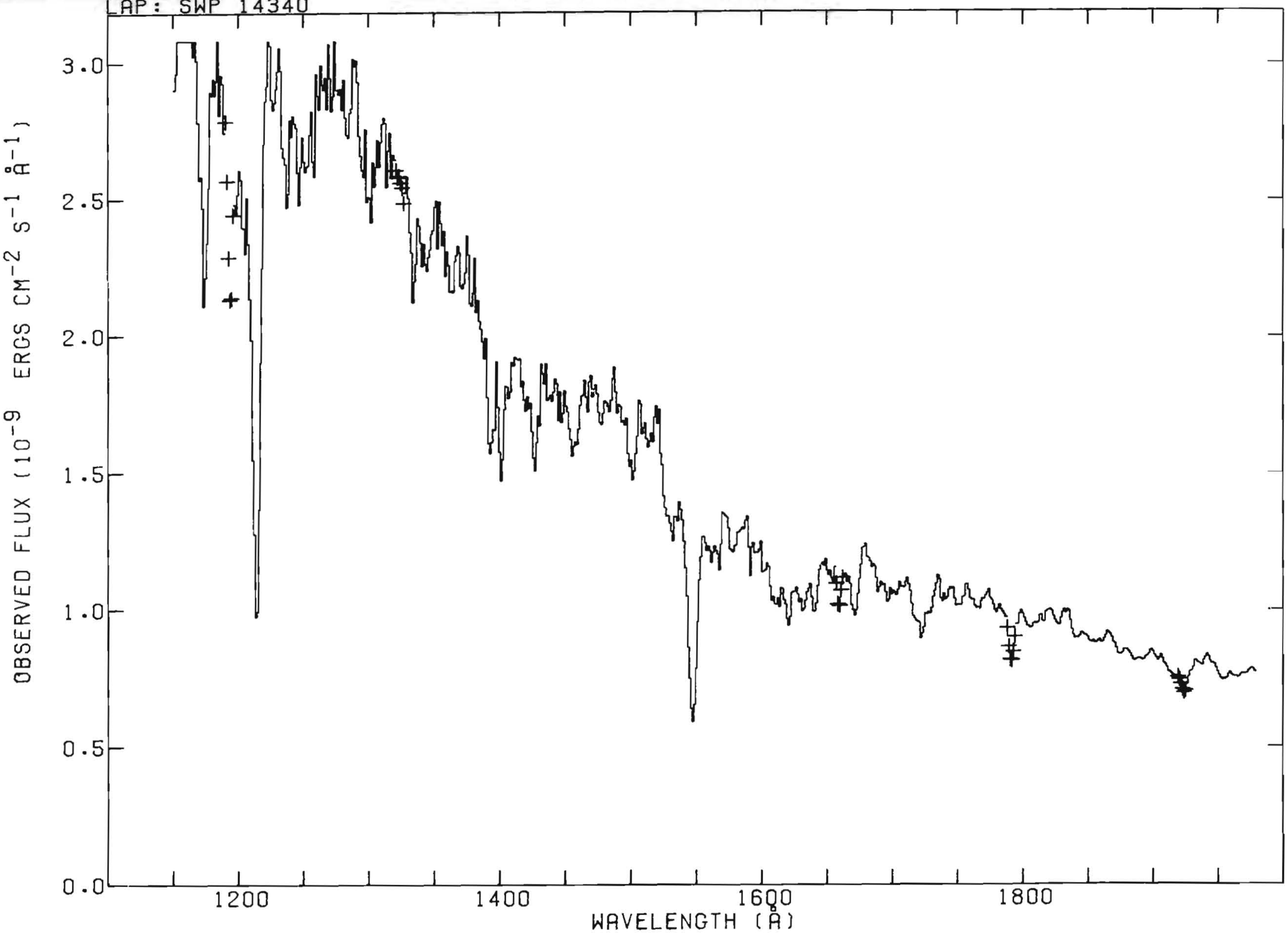


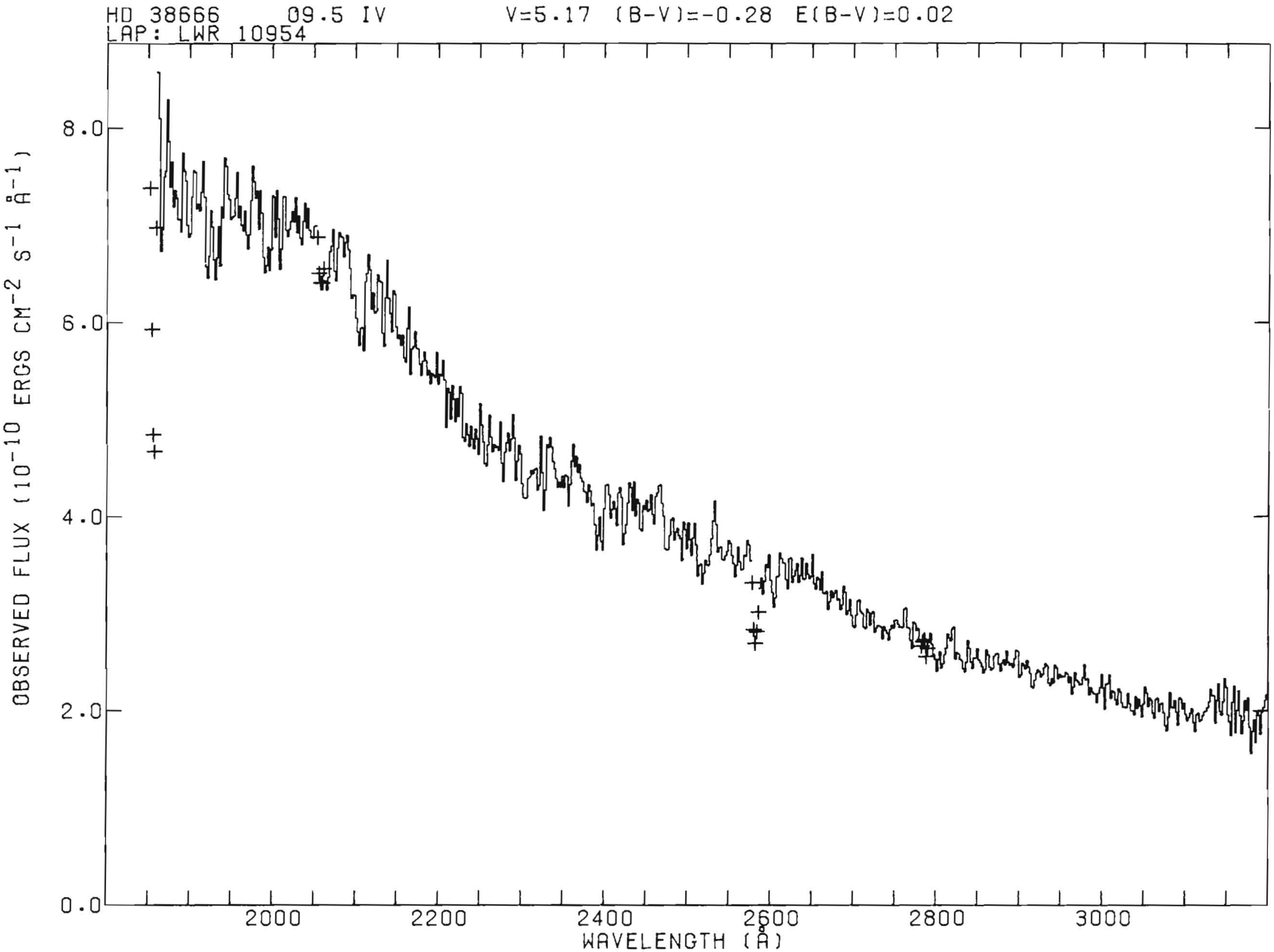
HD 188001 08 I F V=6.23 (B-V)=0.01 E(B-V)=0.30
LAP: LWR 1682, LWR 1683; SAP: LWR 3044, LWR 1682, LWR 1683
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} Å^{-1})
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

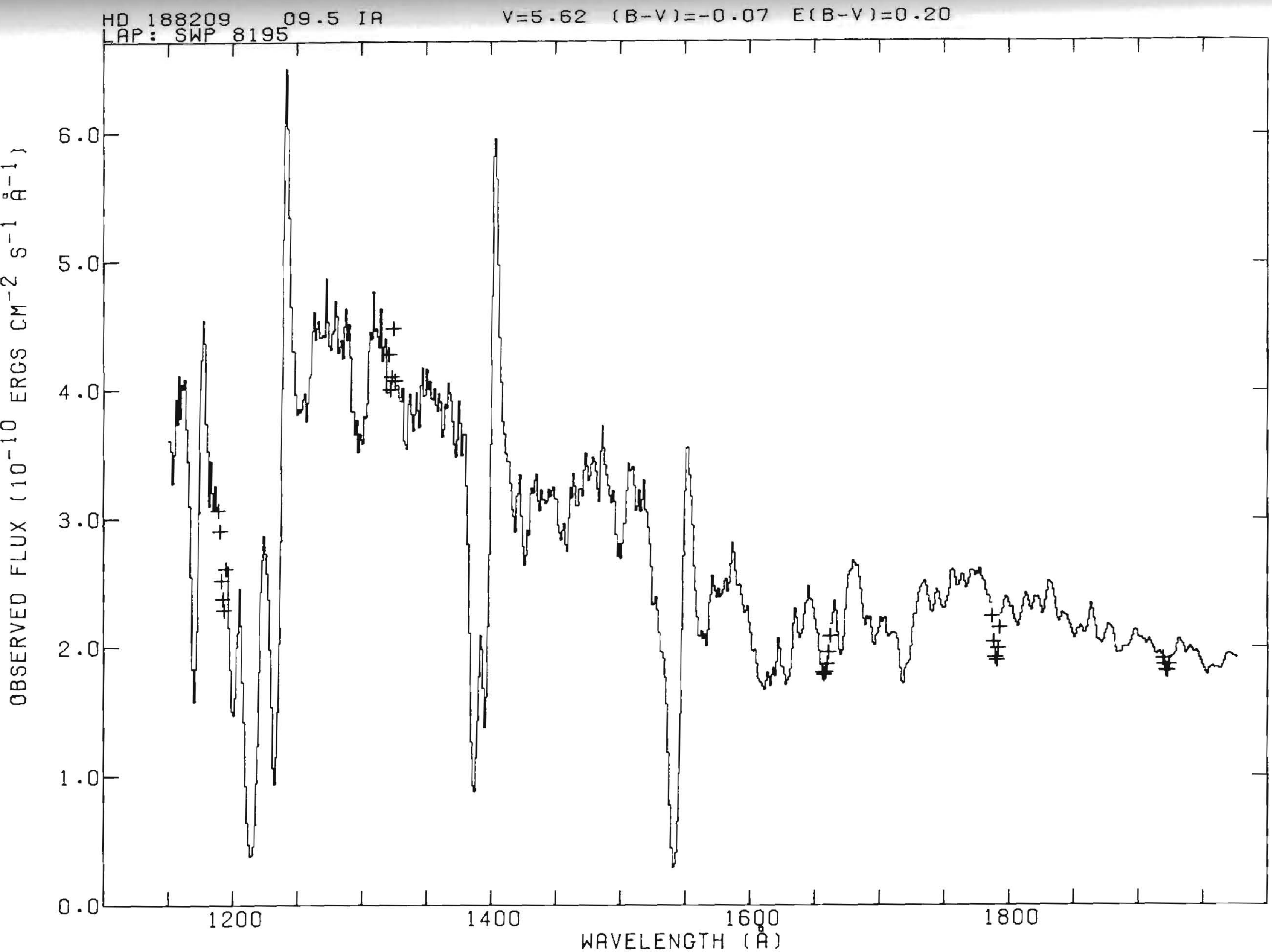

HD 214680 O9 V V=4.88 (B-V)=-0.20 E(B-V)=0.11
LAP: SWP 1764
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
0.5
1.0
1.5
2.0
2.5
1200
1400
1600
1800


HD 214680 O9 V
V=4.88 (B-V)=-0.20 E(B-V)=0.11
LAP: LWR 1655
OBSERVED FLUX (10^-10 ERGS CM^-2 S^-1 Å^-1)
0.0
2.0
4.0
6.0
8.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

HD 38666   O9.5 IV   V=5.17 (B-V)=-0.28 E(B-V)=0.02
LAP: SWP 14340

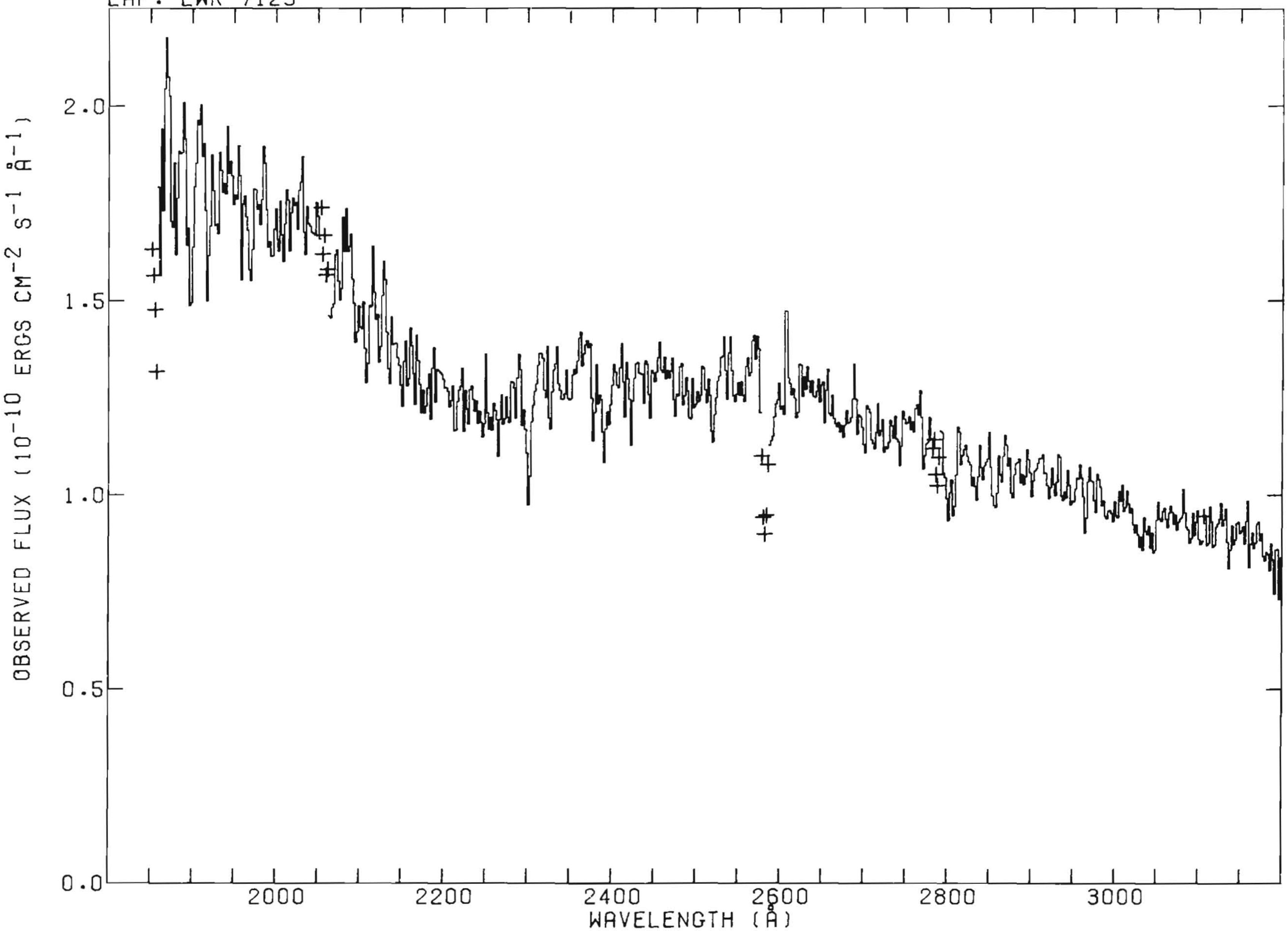


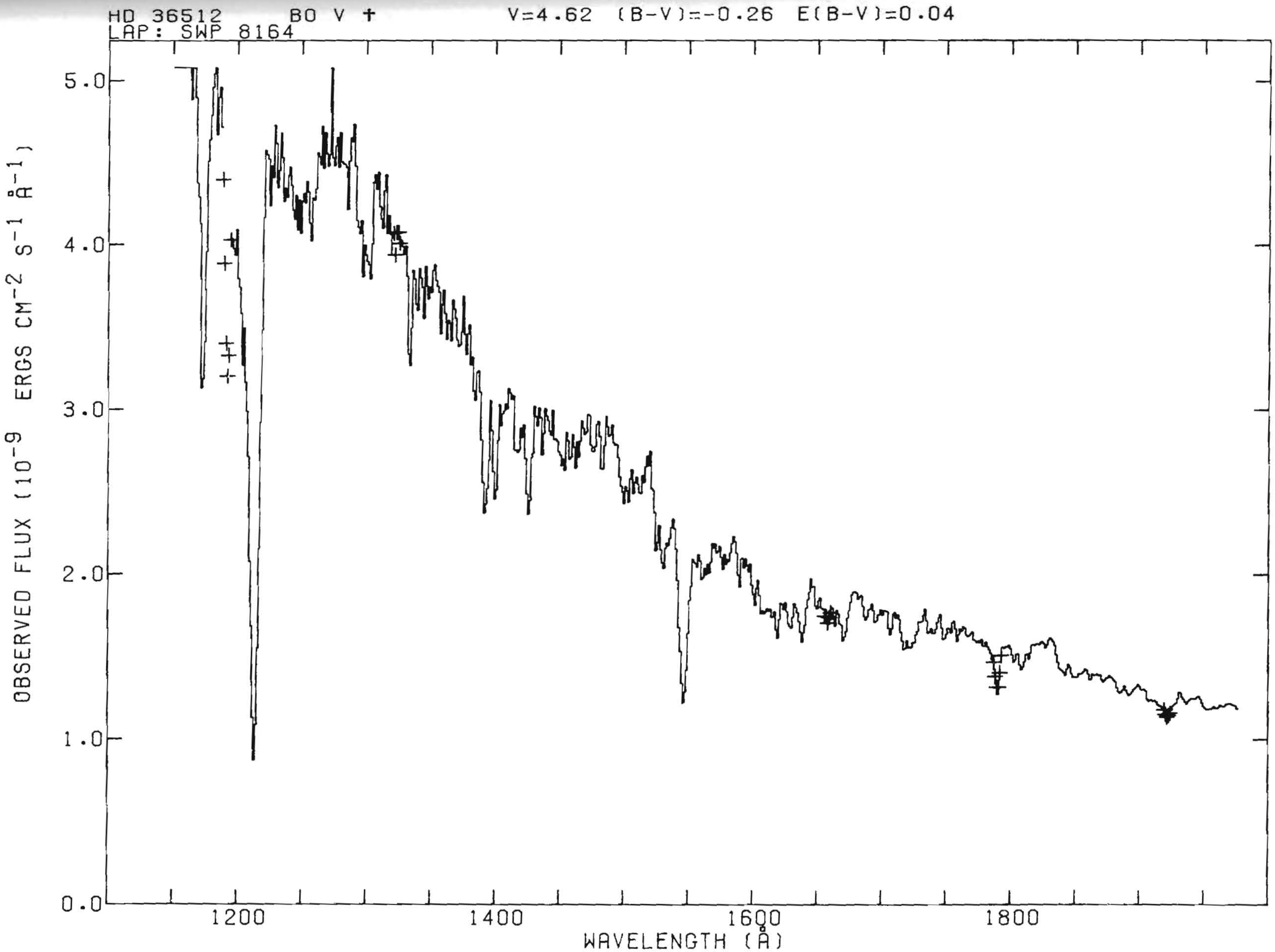

HD 38666 O9.5 IV V=5.17 (B-V)=-0.28 E(B-V)=0.02
LAP: LWR 10954
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
8.0
6.0
4.0
2.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

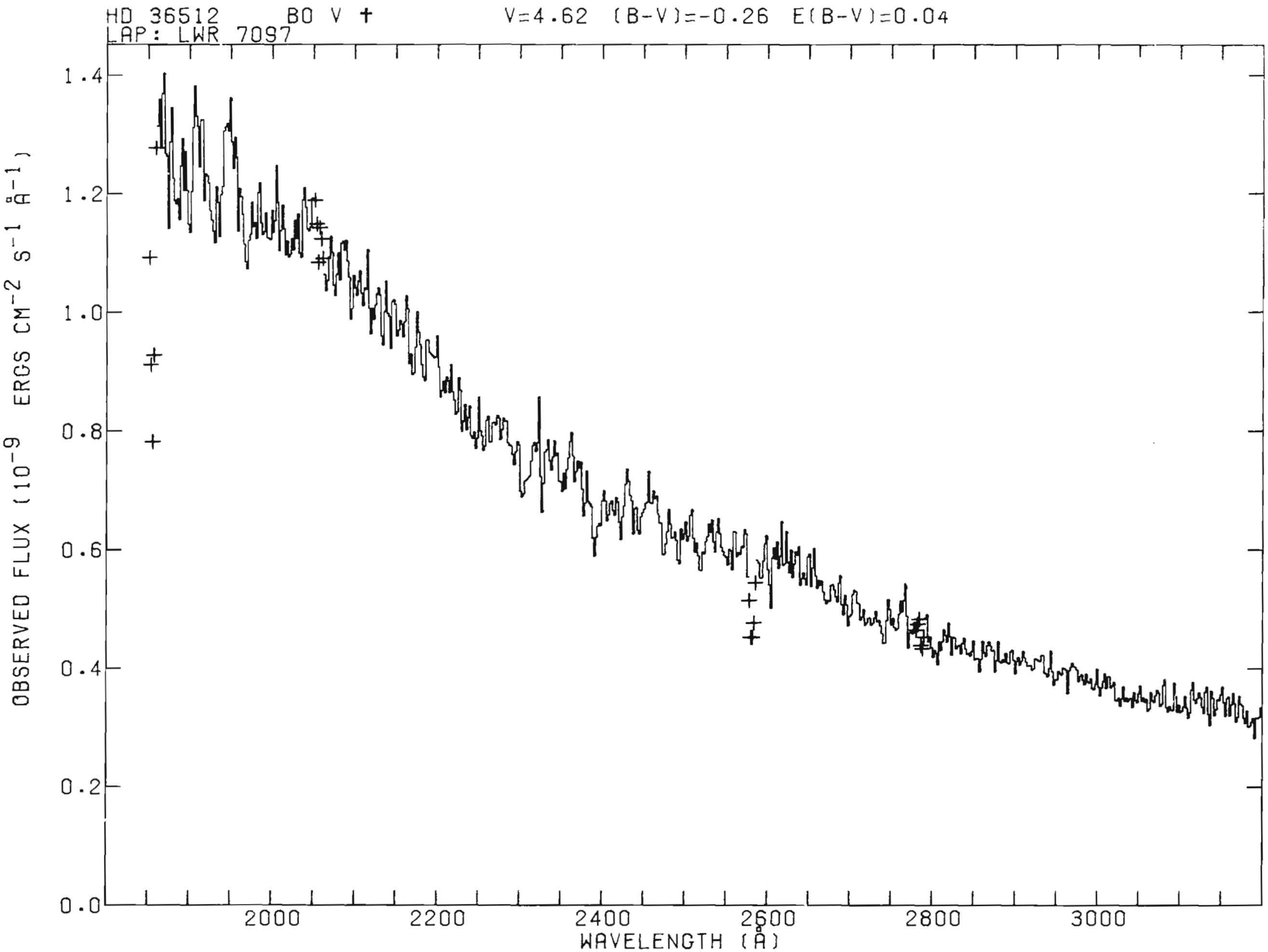


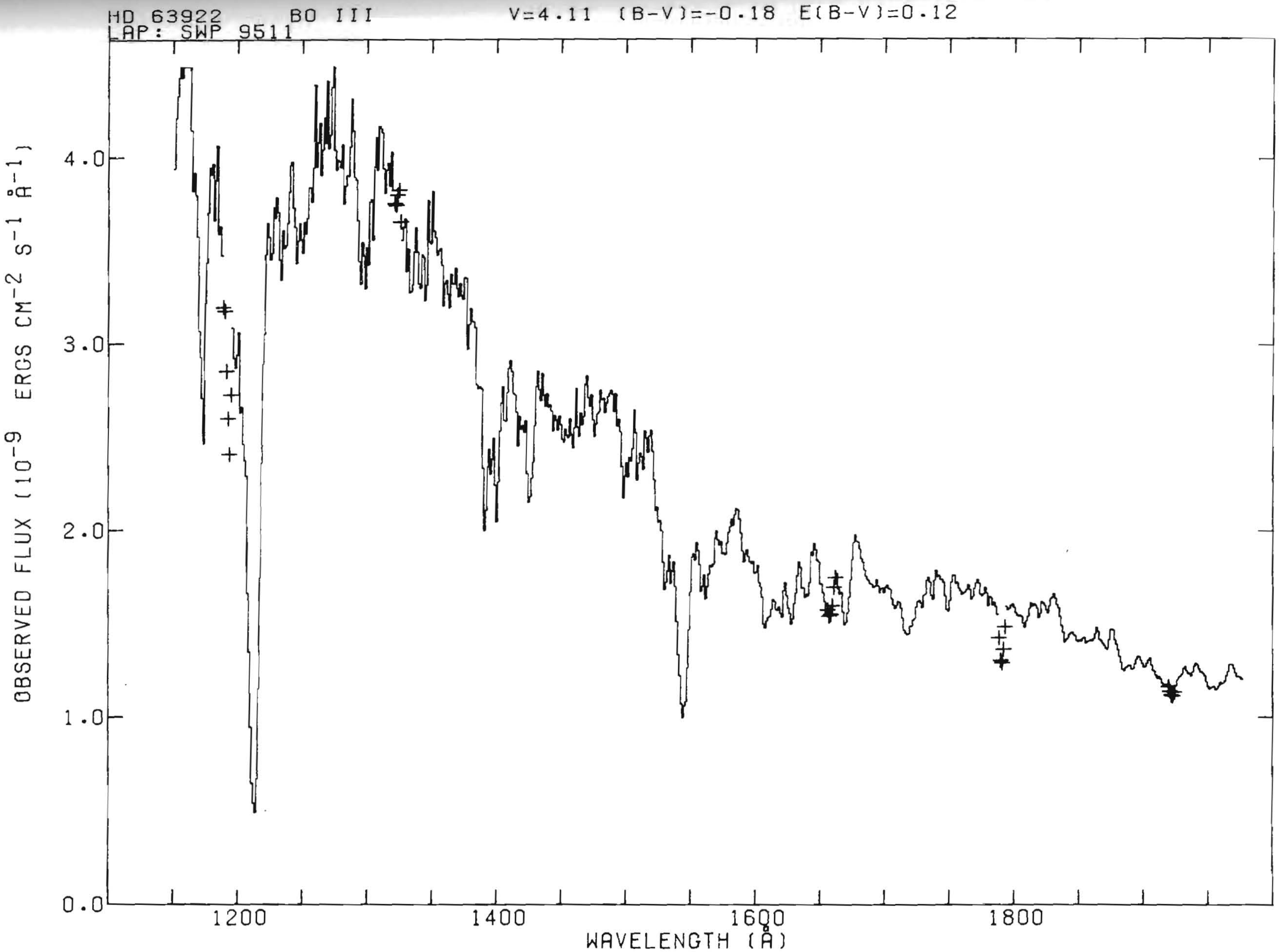
HD 188209 O9.5 IA V=5.62 (B-V)=-0.07 E(B-V)=0.20
LAP: SWP 8195
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
1.0
2.0
3.0
4.0
5.0
6.0
1200
1400
1600
1800

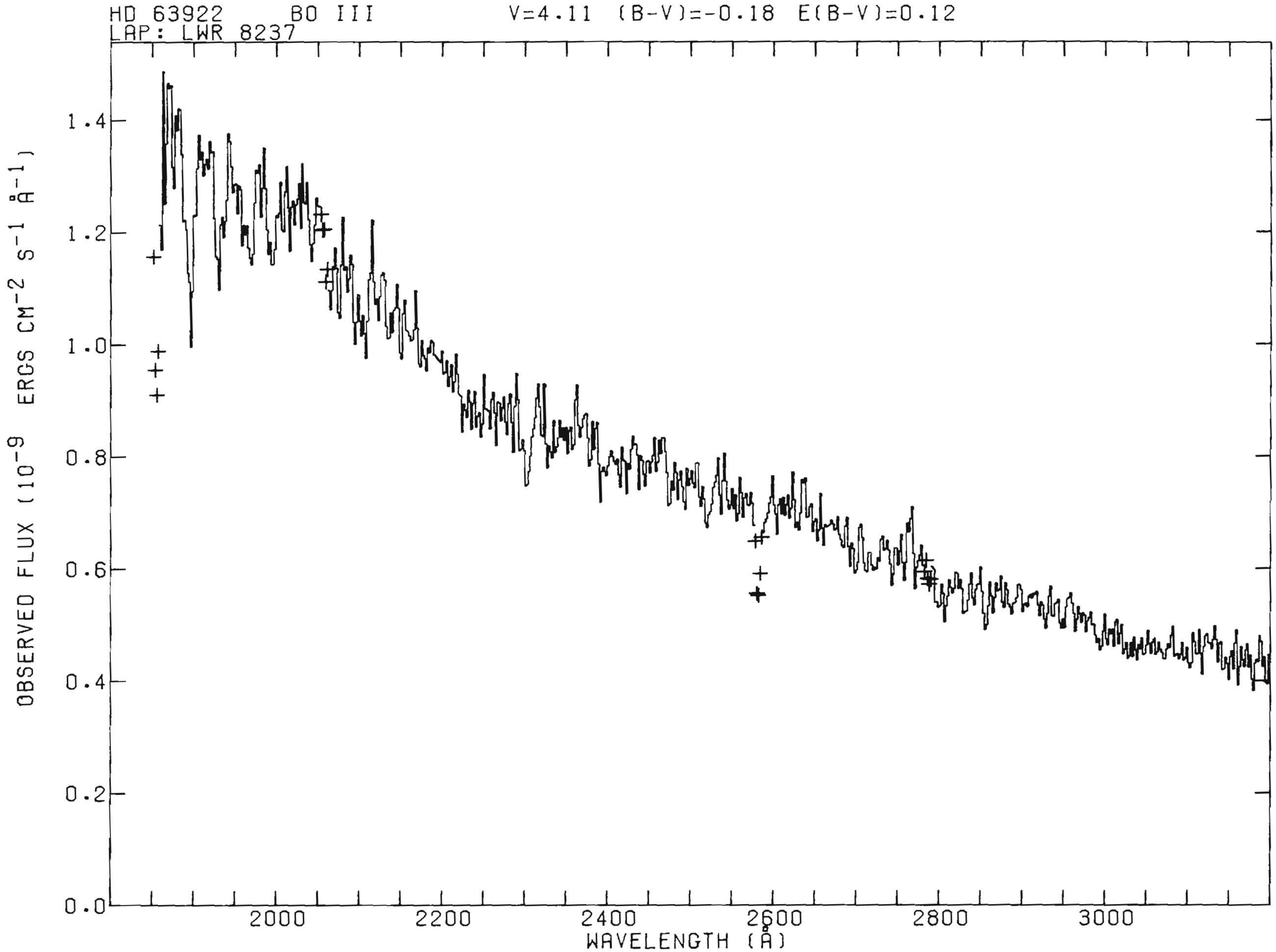
HD 188209   O9.5 IA   V=5.62 (B-V)=-0.07 E(B-V)=0.20
LAP: LWR 7123




HD 36512 B0 V +
V=4.62 (B-V)=-0.26 E(B-V)=0.04
LAP: SWP 8164
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
5.0
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

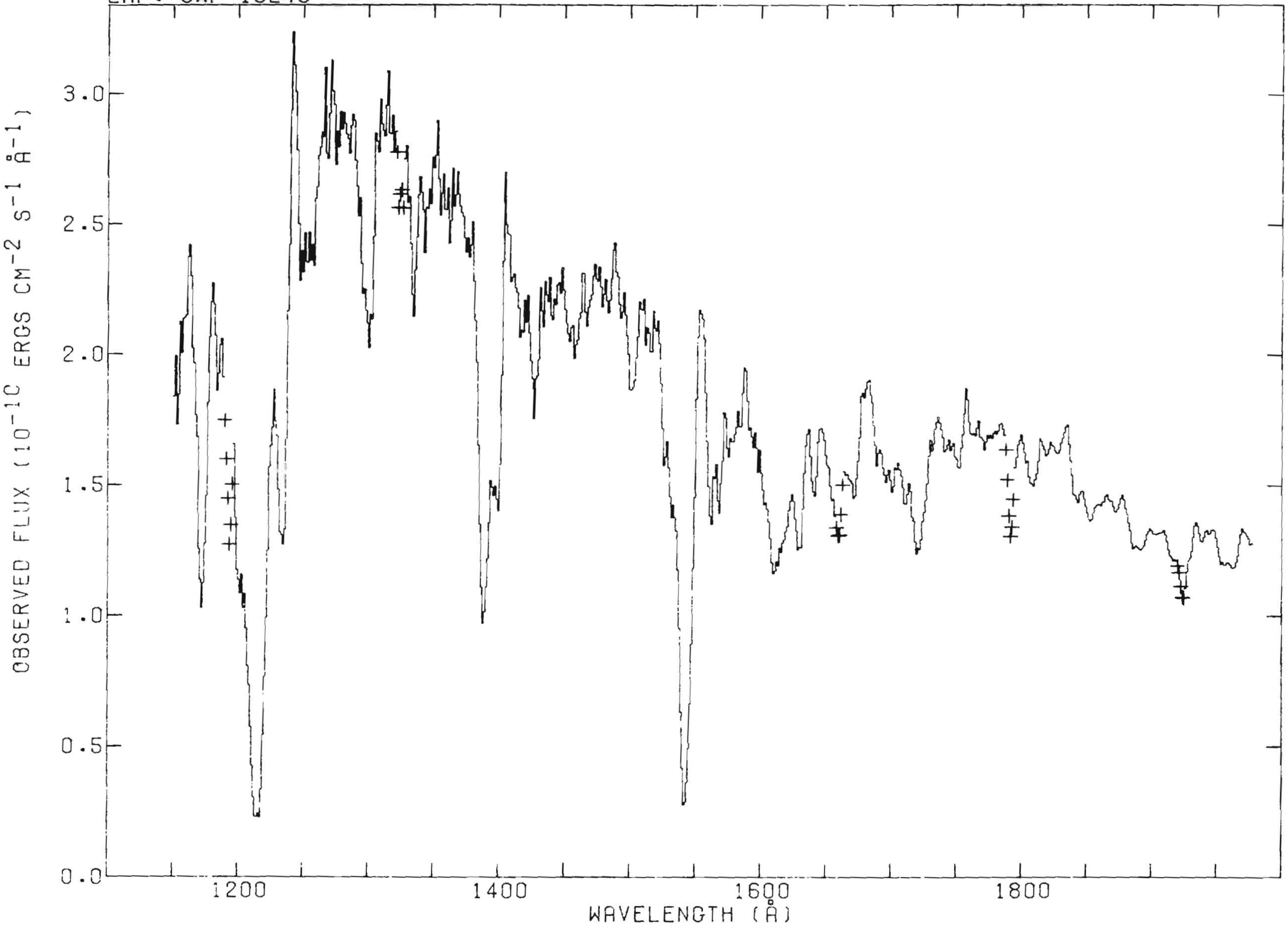

HD 36512 B0 V +
V=4.62 (B-V)=-0.26 E(B-V)=0.04
LAP: LWR 7097
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

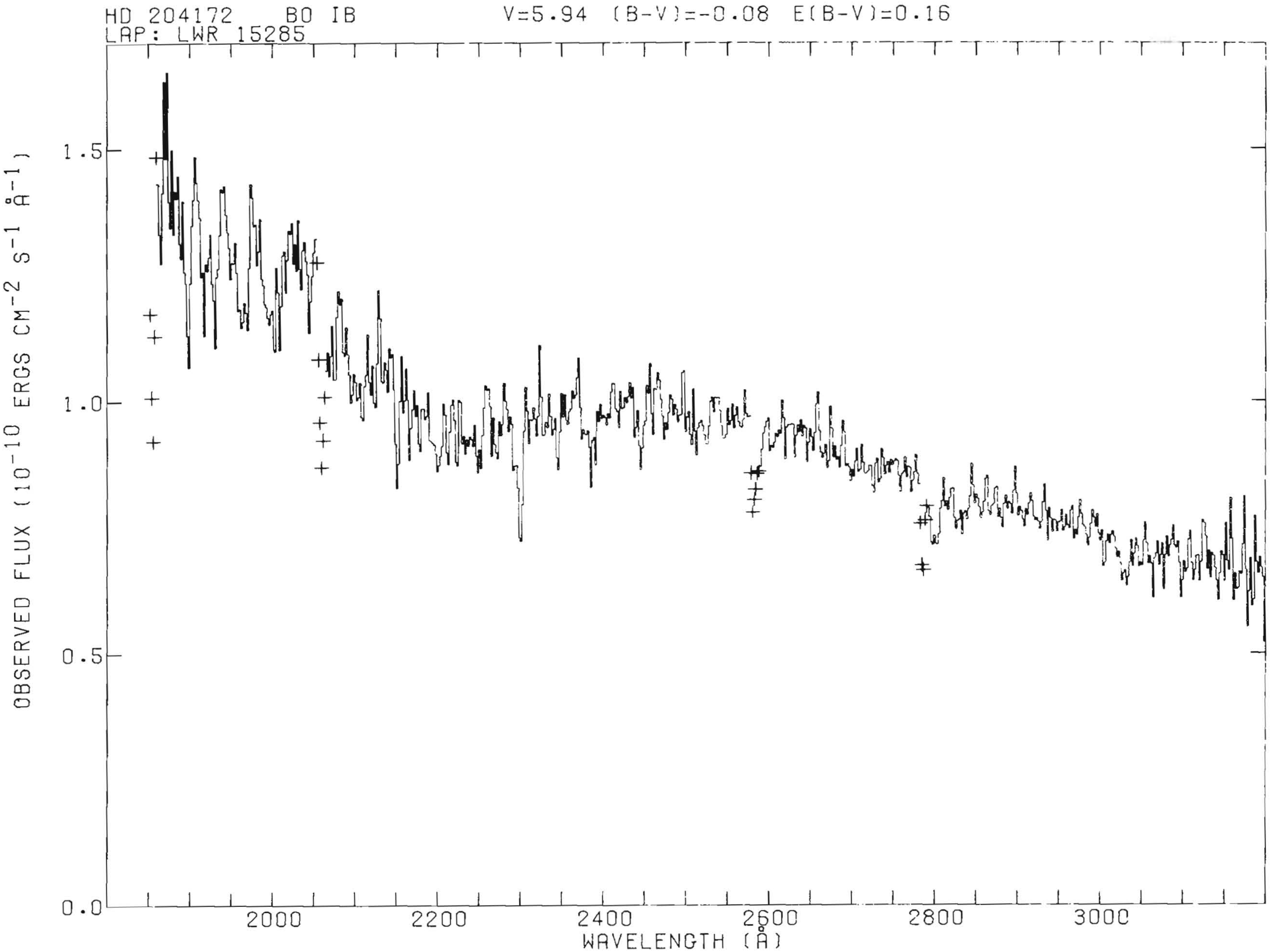

HD 63922 B0 III V=4.11 (B-V)=-0.18 E(B-V)=0.12
LAP: SWP 9511
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)



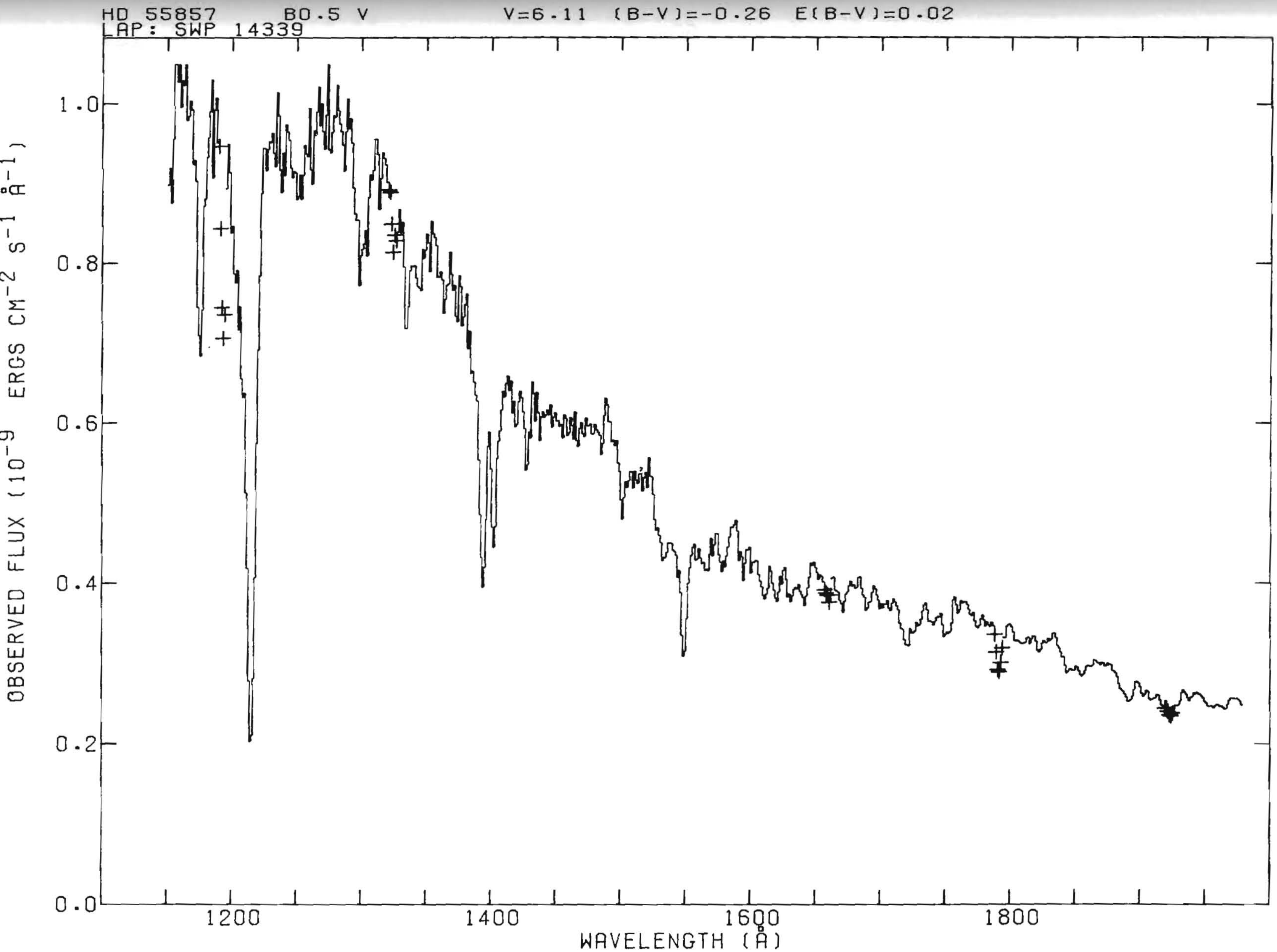
HD 63922 B0 III V=4.11 (B-V)=-0.18 E(B-V)=0.12
LAP: LWR 8237
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

HD 204172 B0 IB V=5.94 (B-V)=-0.08 E(B-V)=0.16
LAP: SWP 19249

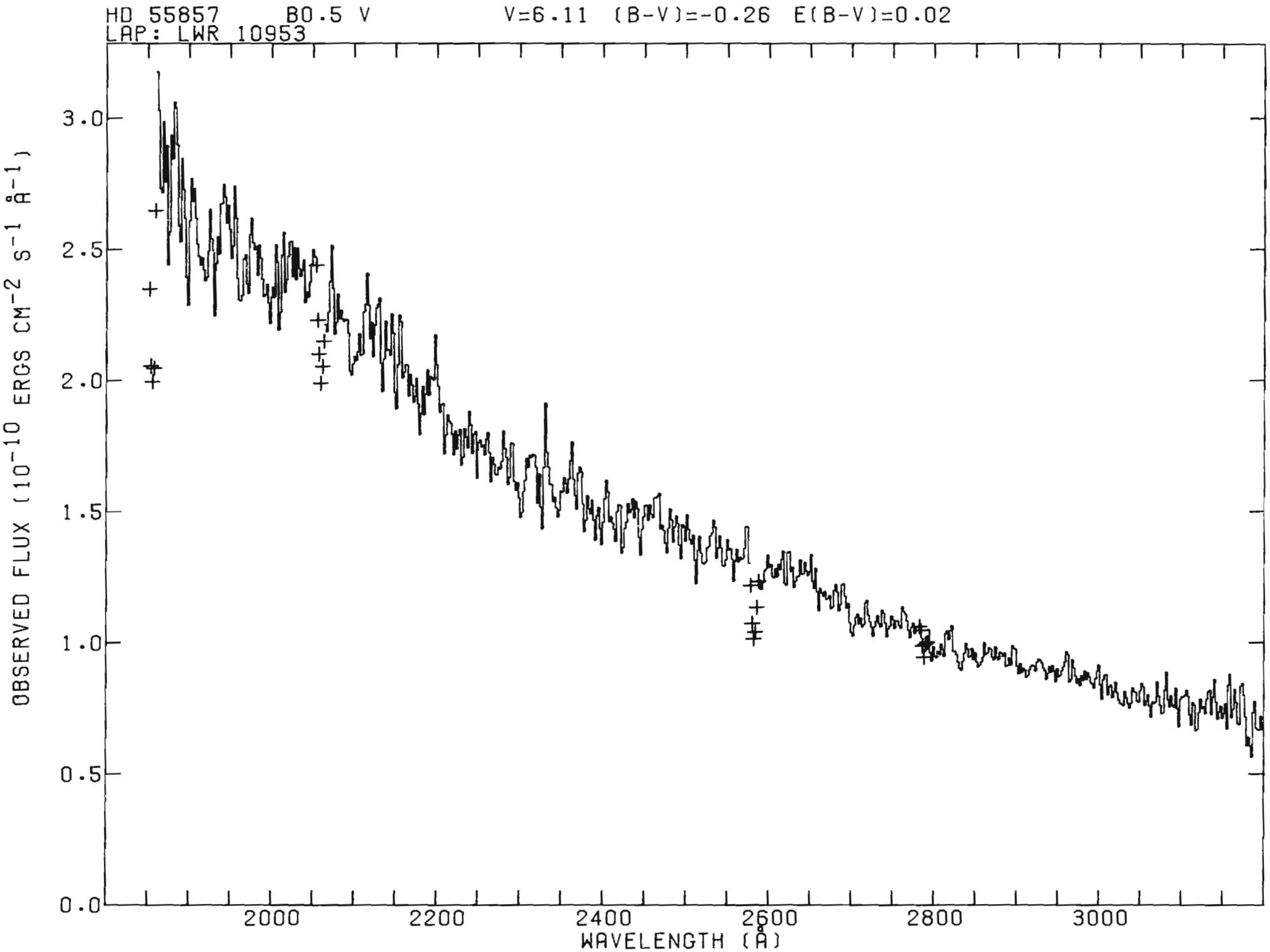


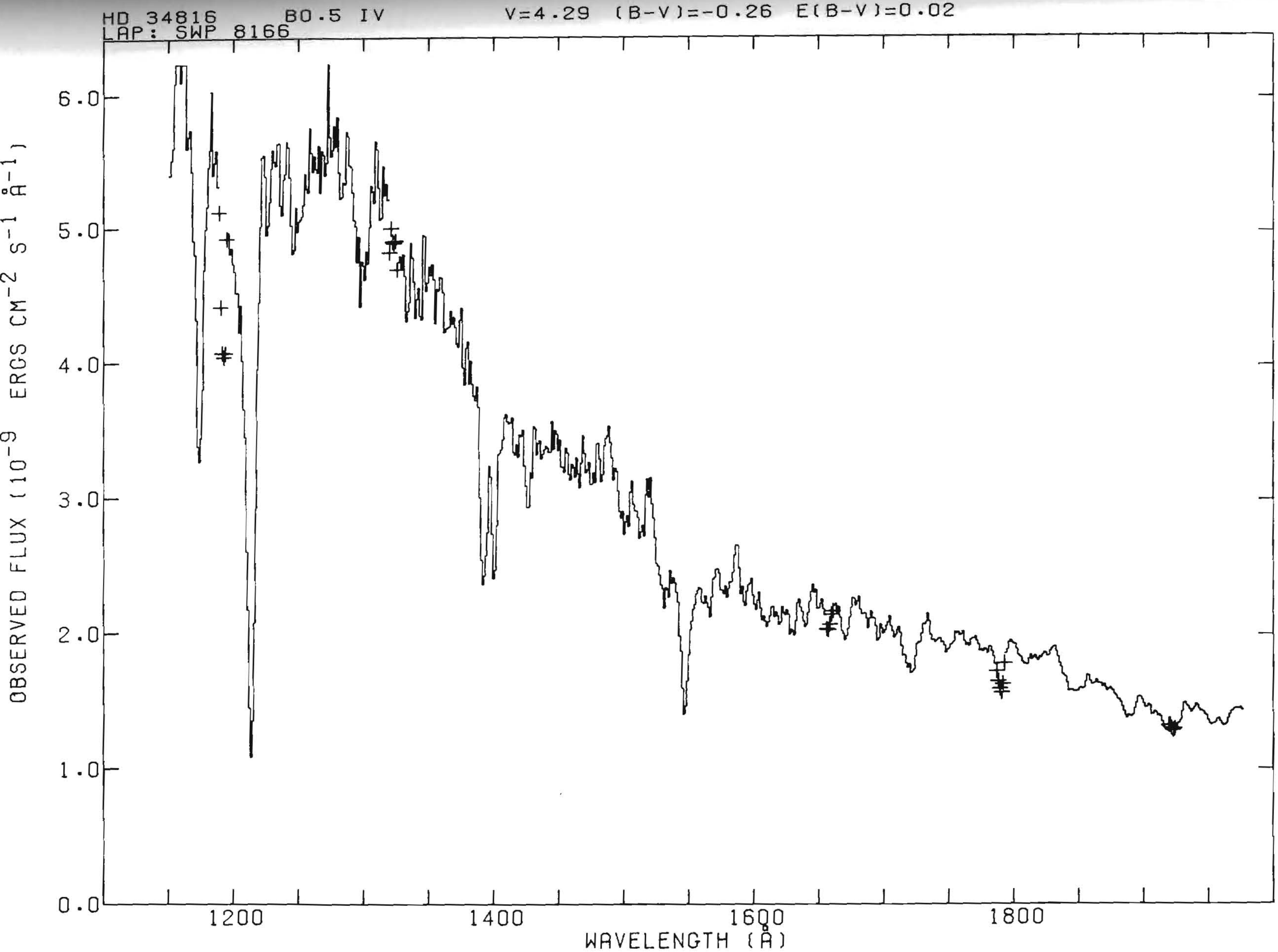


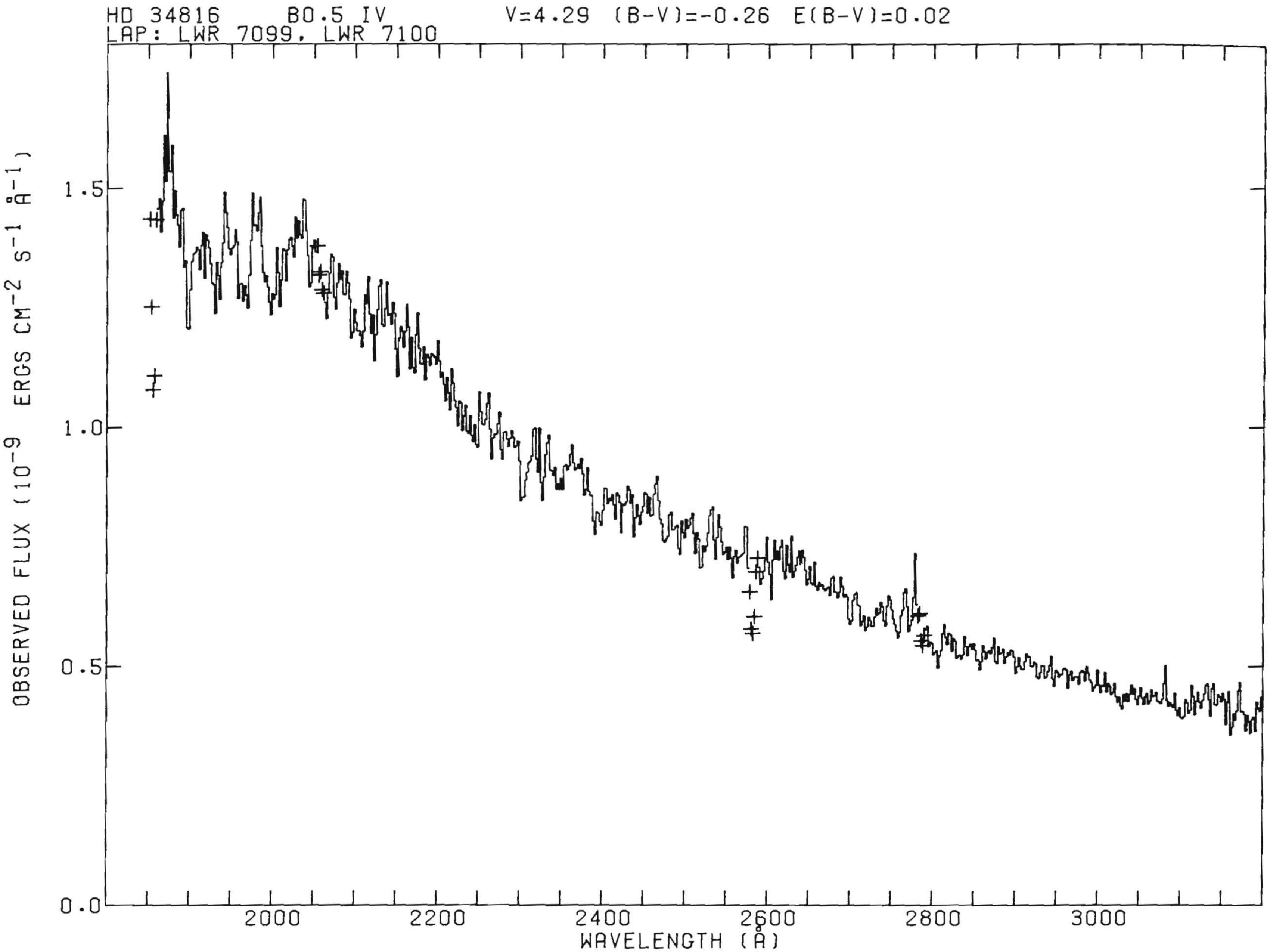
HD 204172 B0 IB V=5.94 (B-V)=-0.08 E(B-V)=0.16
LAP: LWR 15285
1.5
1.0
0.5
0.0
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

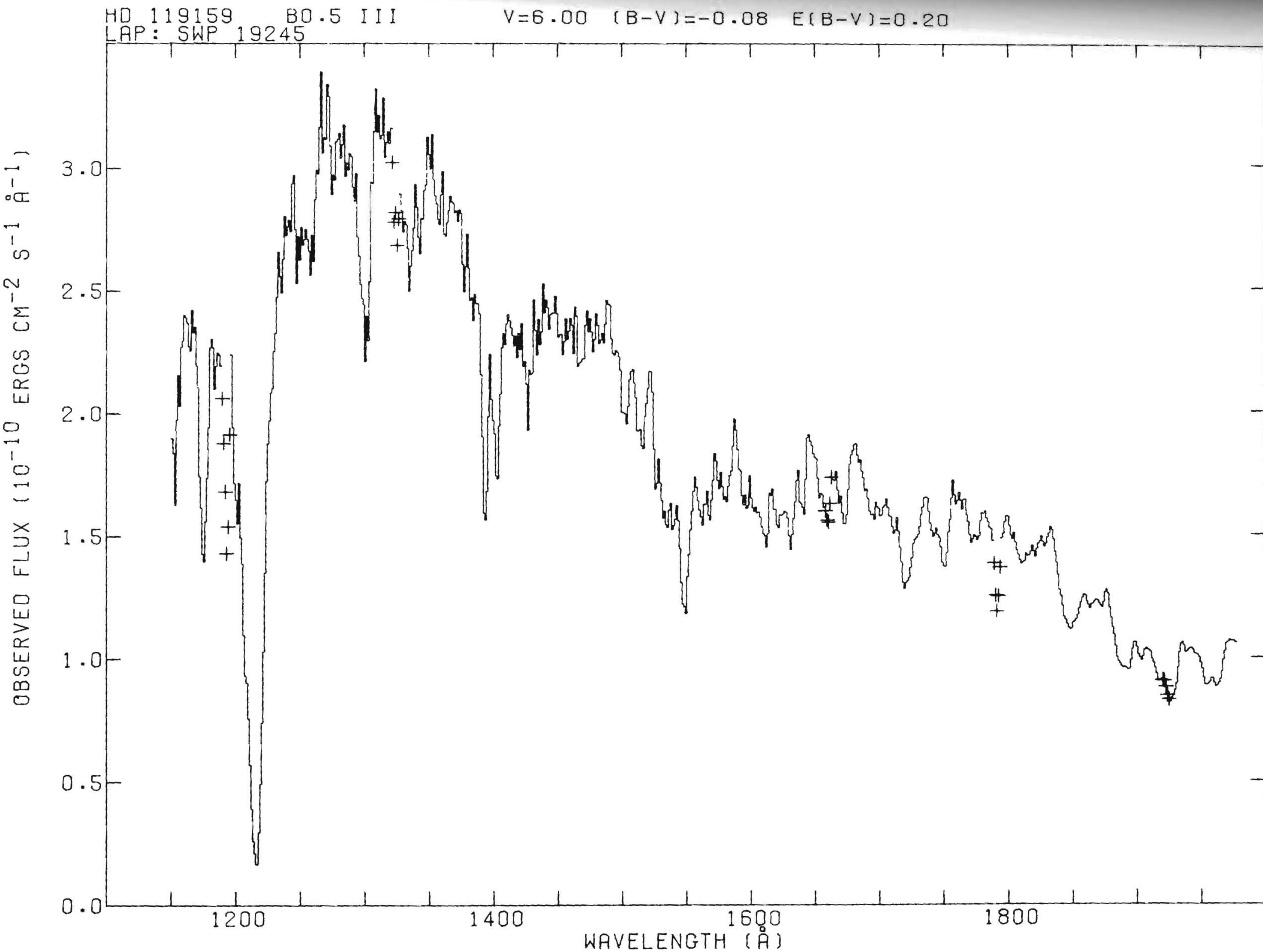


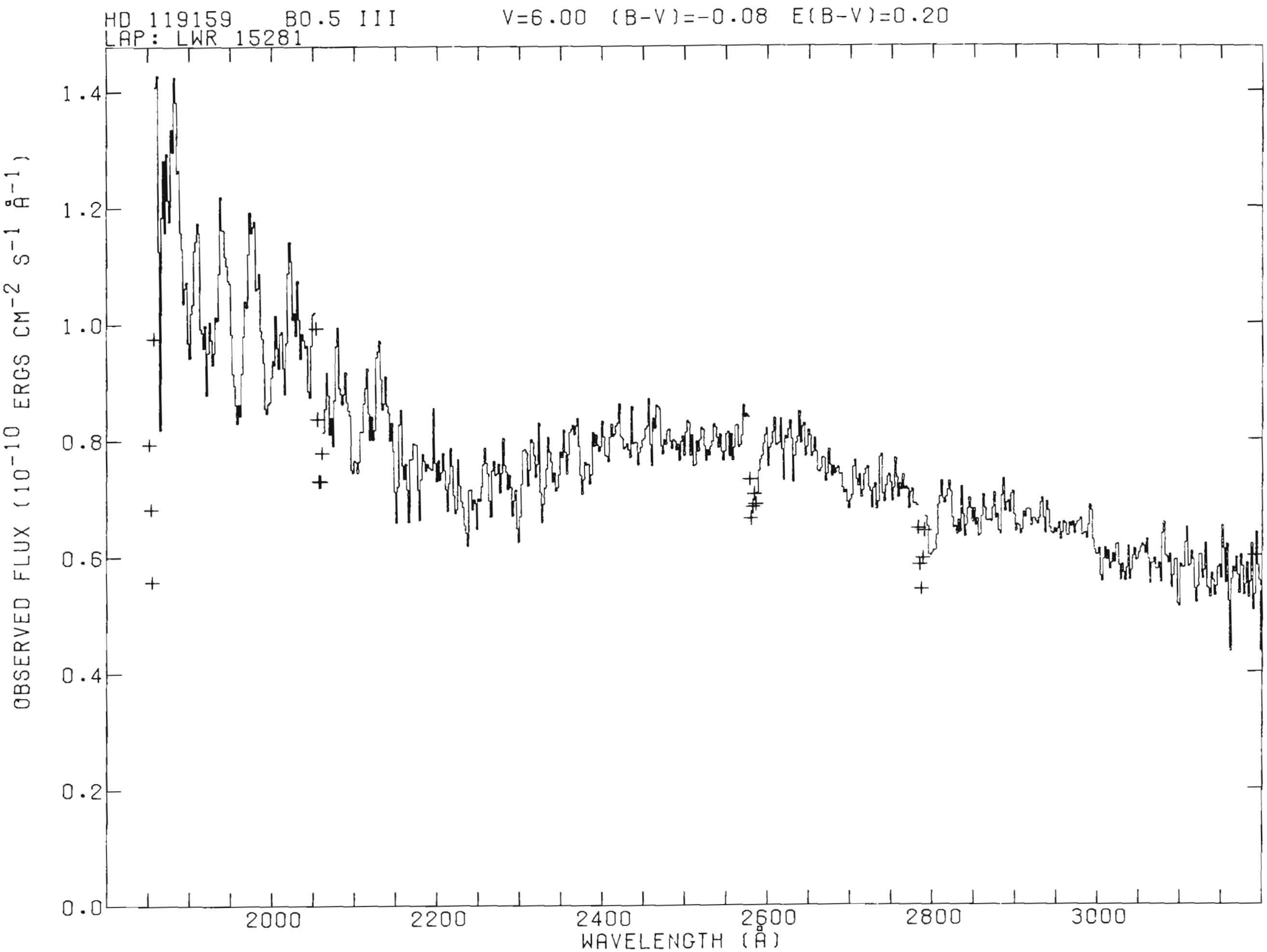
HD 55857 B0.5 V V=6.11 (B-V)=-0.26 E(B-V)=0.02
LAP: SWP 14339
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.0
0.8
0.6
0.4
0.2
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

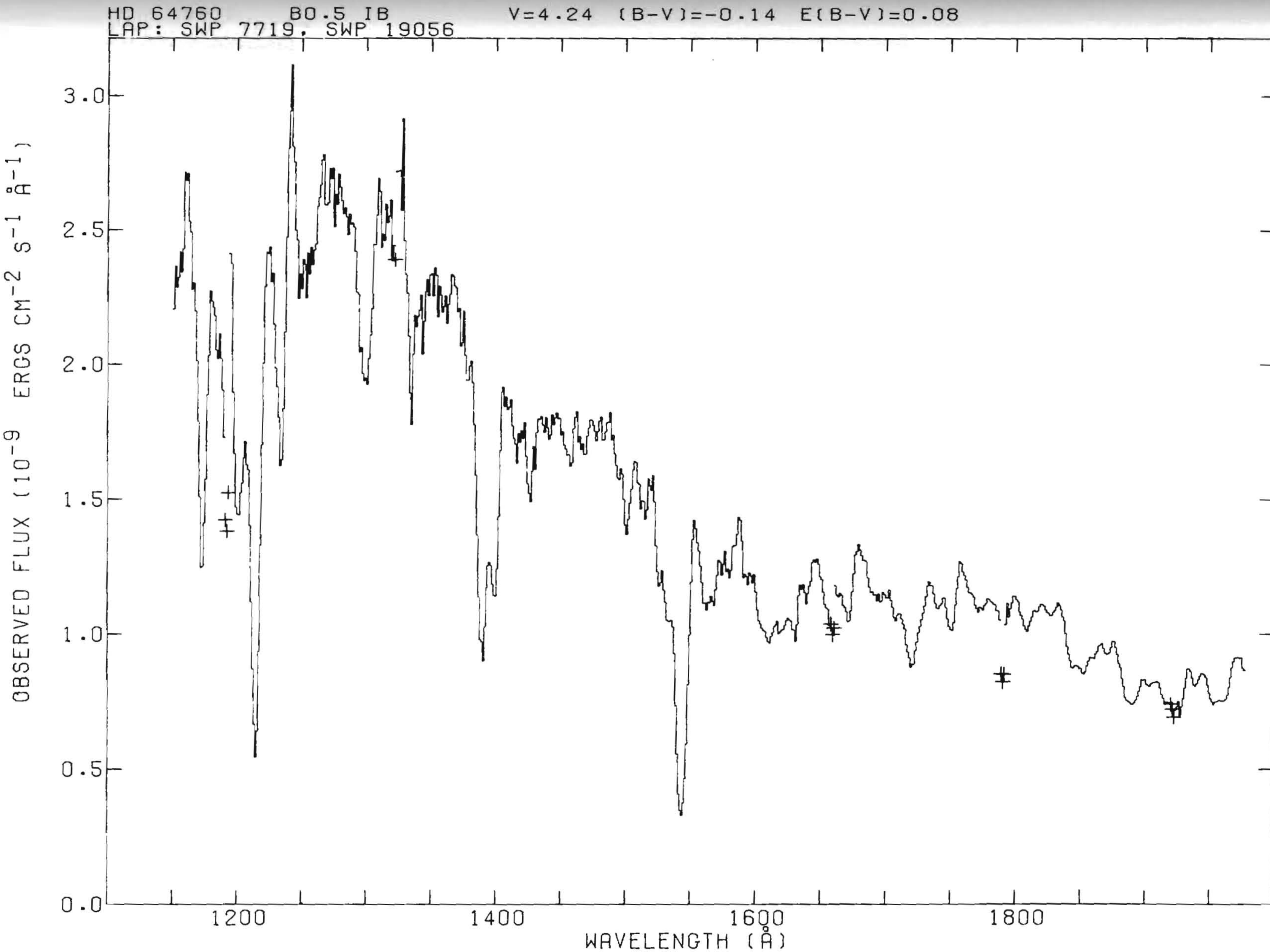

HD 55857 B0.5 V V=6.11 (B-V)=-0.26 E(B-V)=0.02
LAP: LWR 10953
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} Å^{-1})
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 34816 B0.5 IV V=4.29 (B-V)=-0.26 E(B-V)=0.02
LAP: SWP 8166
OBSERVED FLUX (10^-9 ERGS CM^-2 S^-1 Å^-1)
WAVELENGTH (Å)
0.0
1.0
2.0
3.0
4.0
5.0
6.0
1200
1400
1600
1800

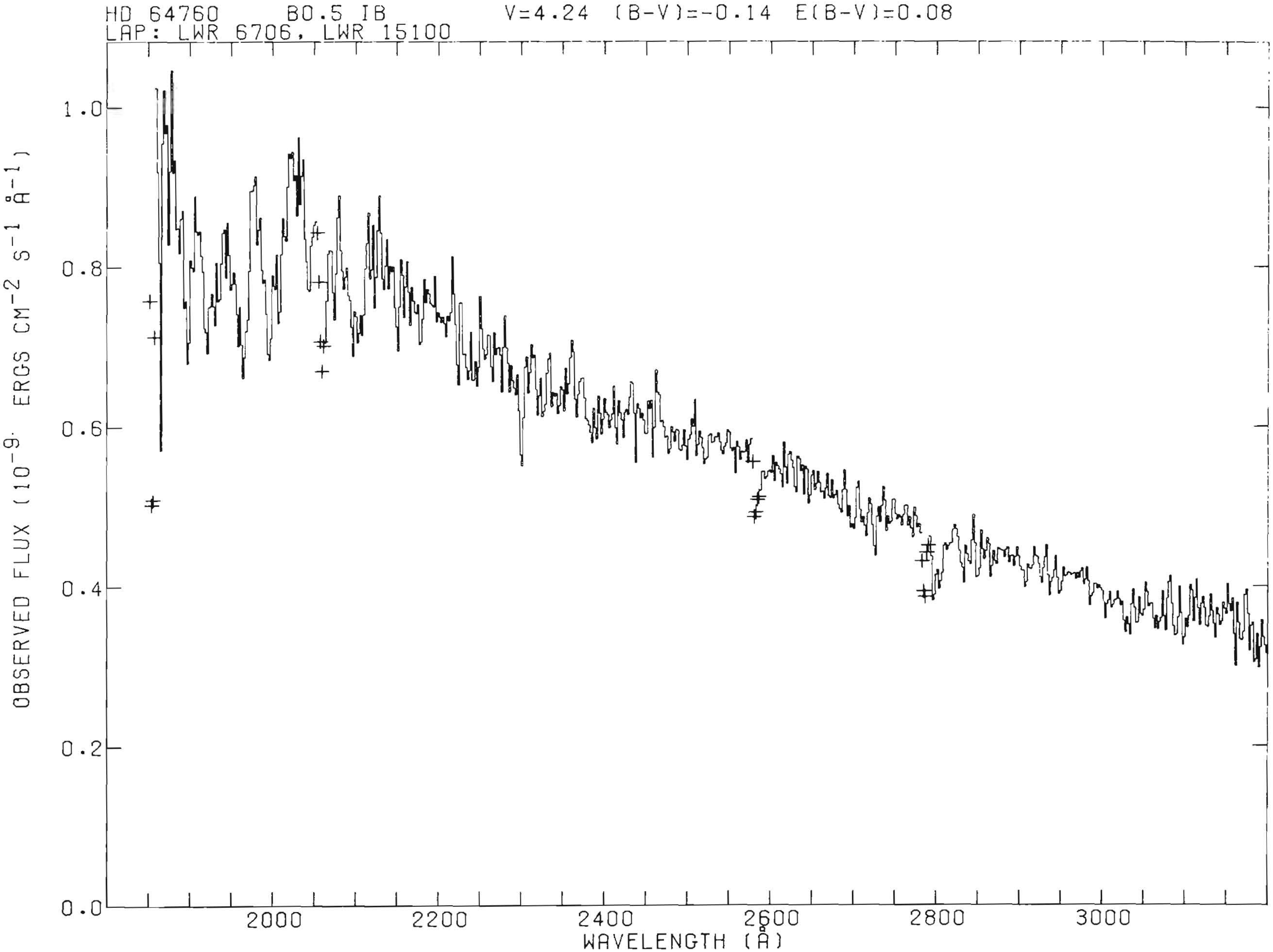

HD 34816 B0.5 IV V=4.29 (B-V)=-0.26 E(B-V)=0.02
LAP: LWR 7099, LWR 7100
OBSERVED FLUX (10⁻⁹ ERGS CM⁻² S⁻¹ Å⁻¹)
0.0
0.5
1.0
1.5
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

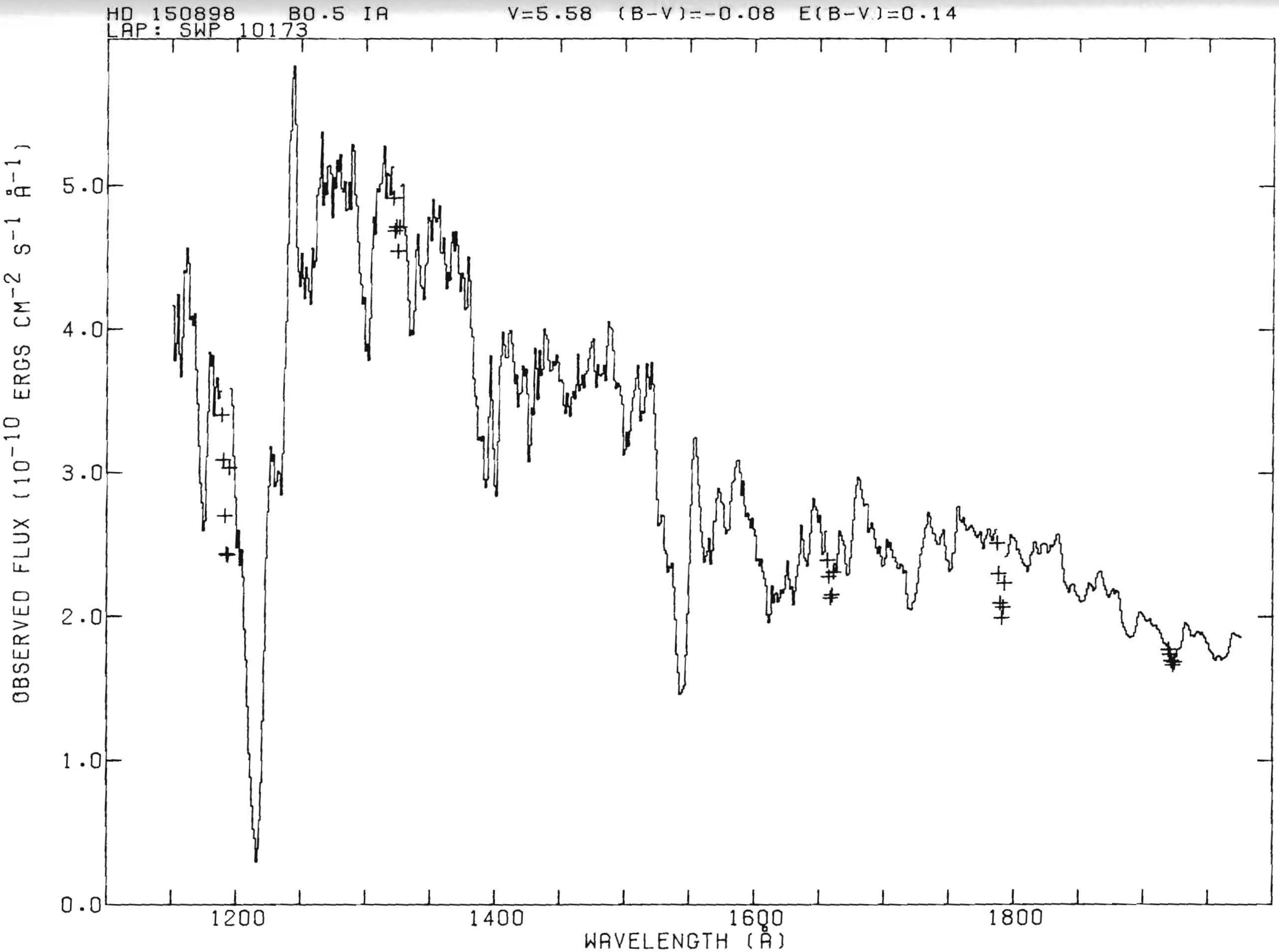

HD 119159 B0.5 III V=6.00 (B-V)=-0.08 E(B-V)=0.20
LAP: SWP 19245
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

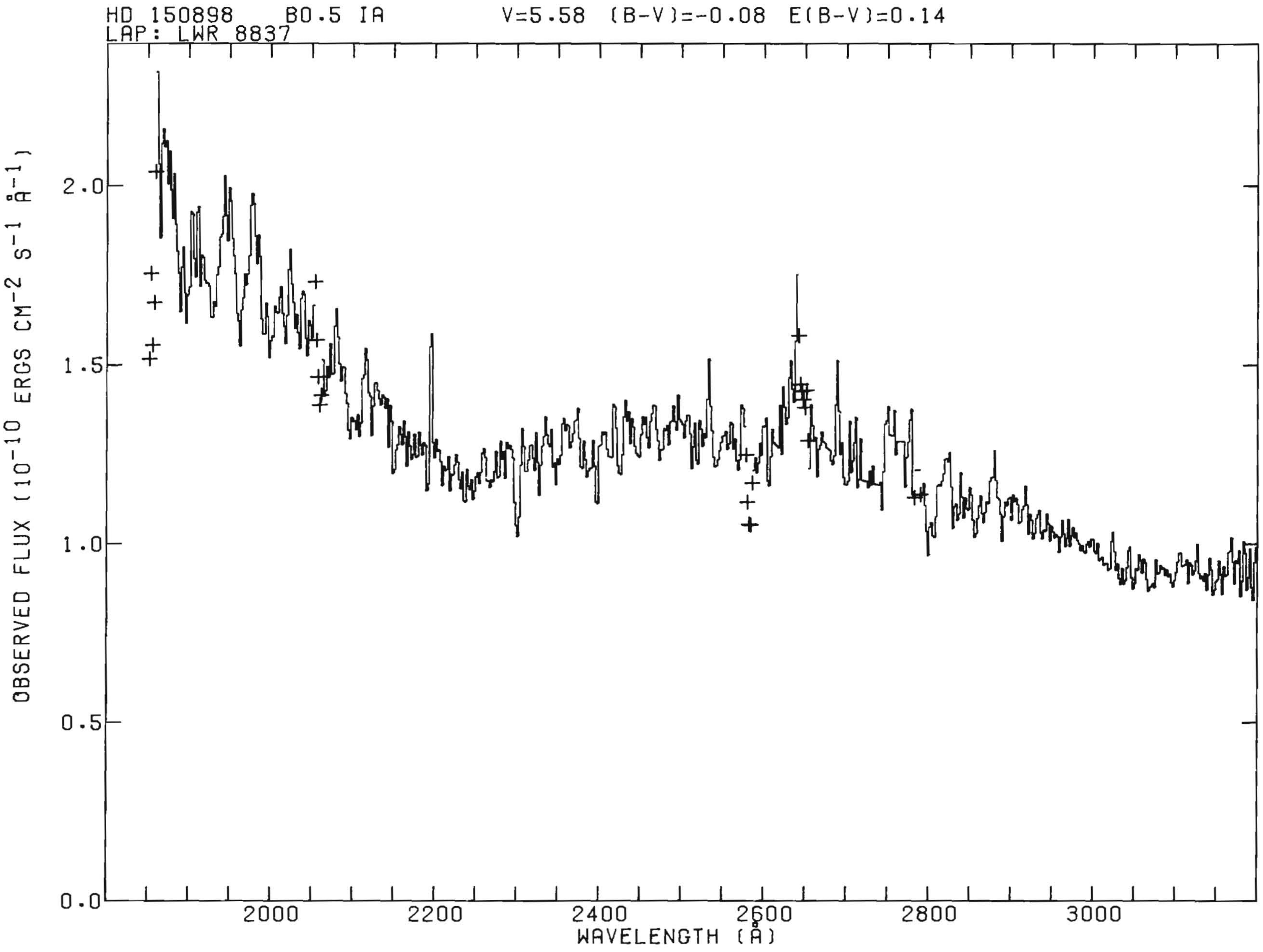

HD 119159 B0.5 III V=6.00 (B-V)=-0.08 E(B-V)=0.20
LAP: LWR 15281
OBSERVED FLUX (10-10 ERGS CM-2 S-1 Å-1)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

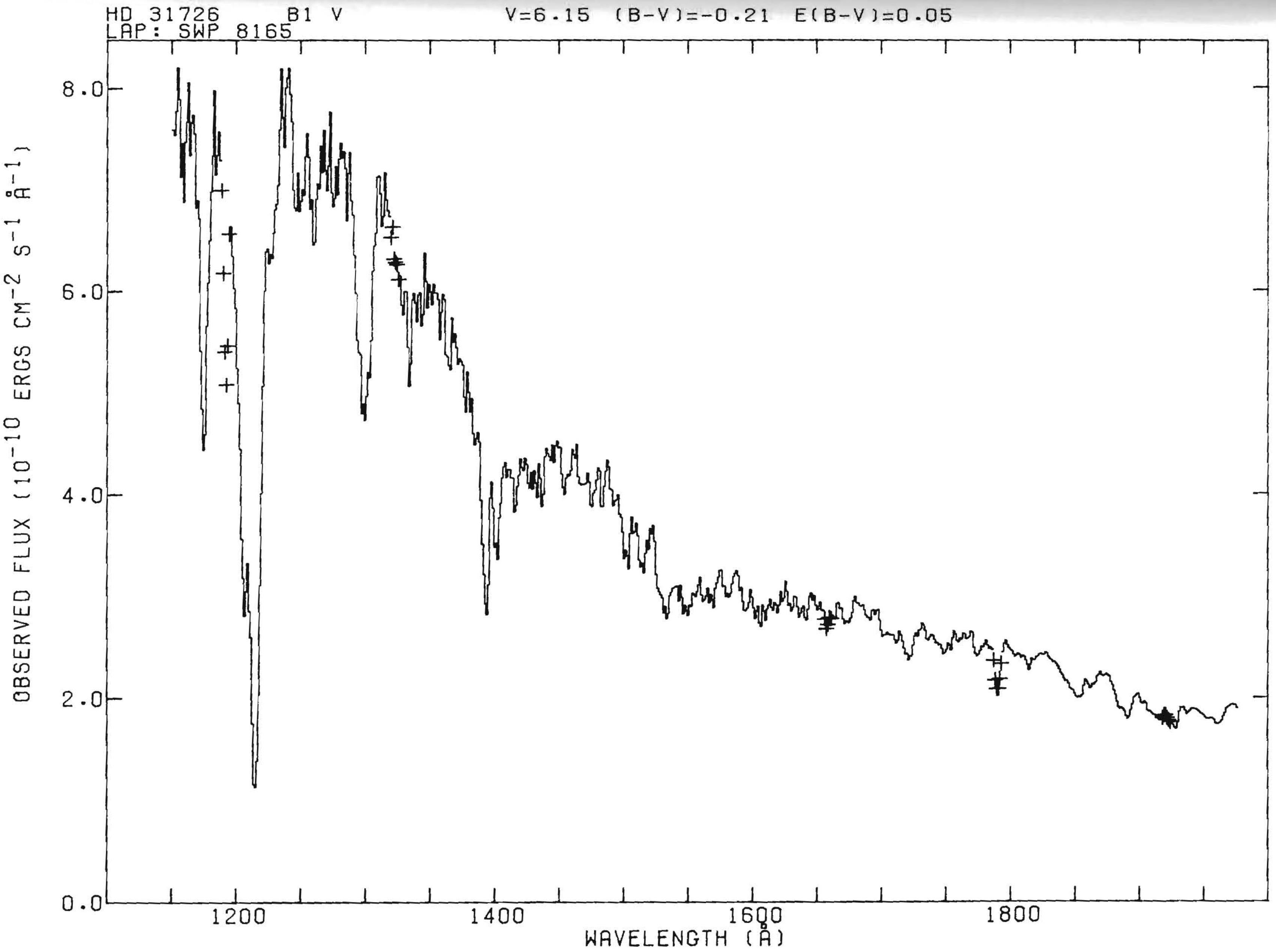


HD 64760 B0.5 IB V=4.24 (B-V)=-0.14 E(B-V)=0.08
LAP: SWP 7719, SWP 19056
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

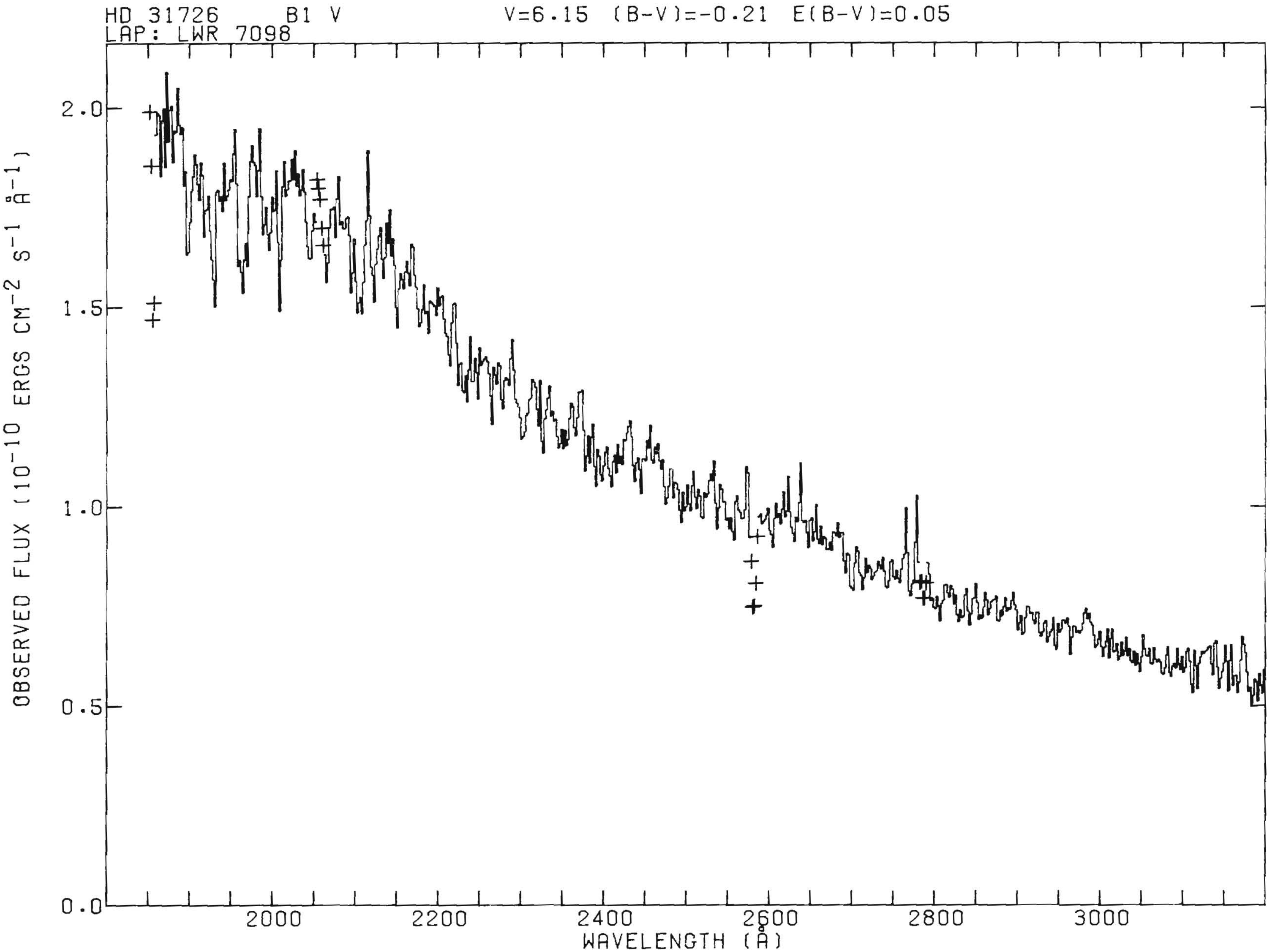

HD 64760 B0.5 IB V=4.24 (B-V)=-0.14 E(B-V)=0.08
LAP: LWR 6706, LWR 15100
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 150898 B0.5 IA V=5.58 (B-V)=-0.08 E(B-V)=0.14
LAP: SWP 10173
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
1.0
2.0
3.0
4.0
5.0
1200
1400
1600
1800

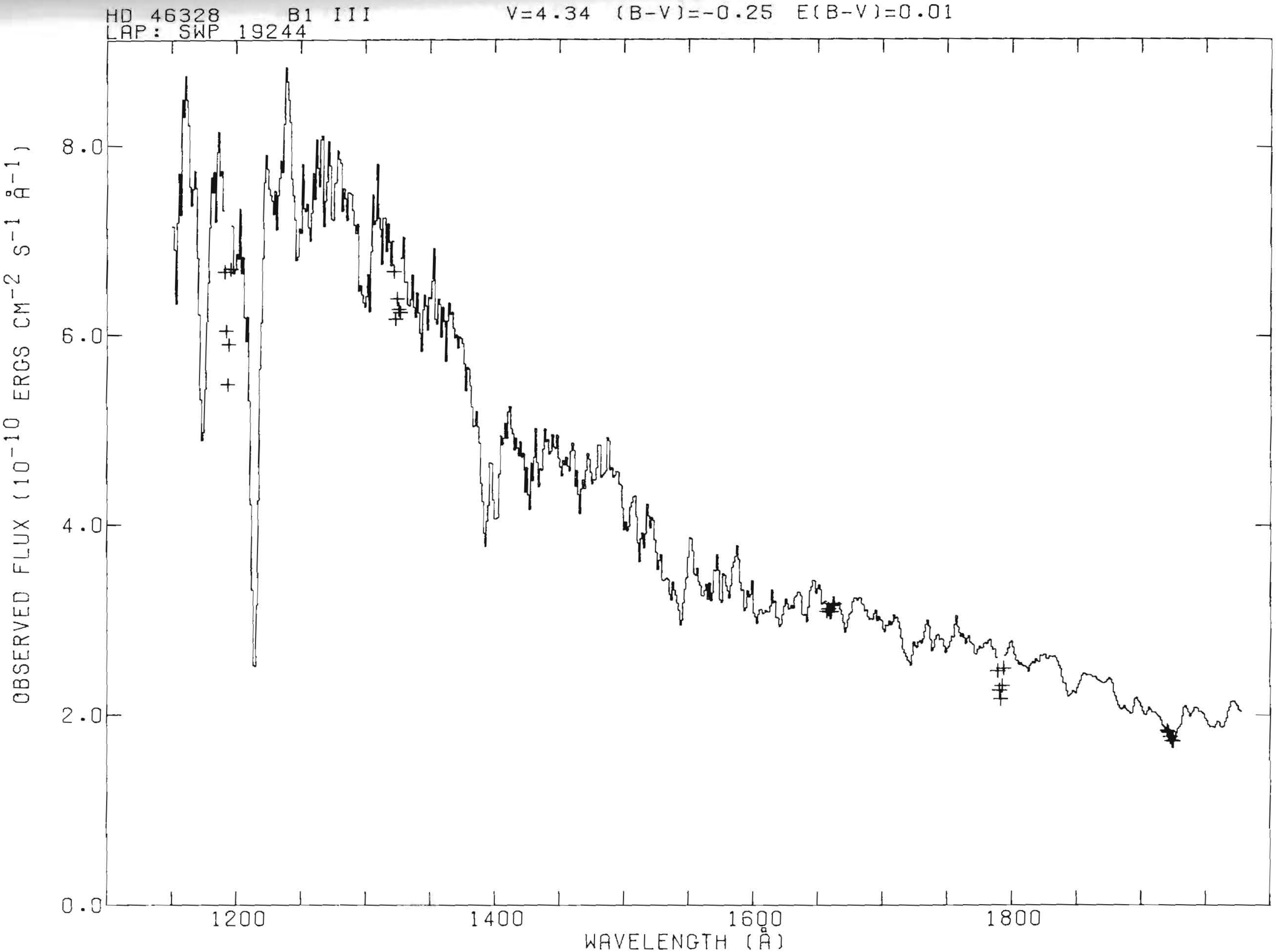

HD 150898 B0.5 IA V=5.58 (B-V)=-0.08 E(B-V)=0.14
LAP: LWR 8837
OBSERVED FLUX (10^-10 ERGS CM^-2 S^-1 Å^-1)
2.0
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

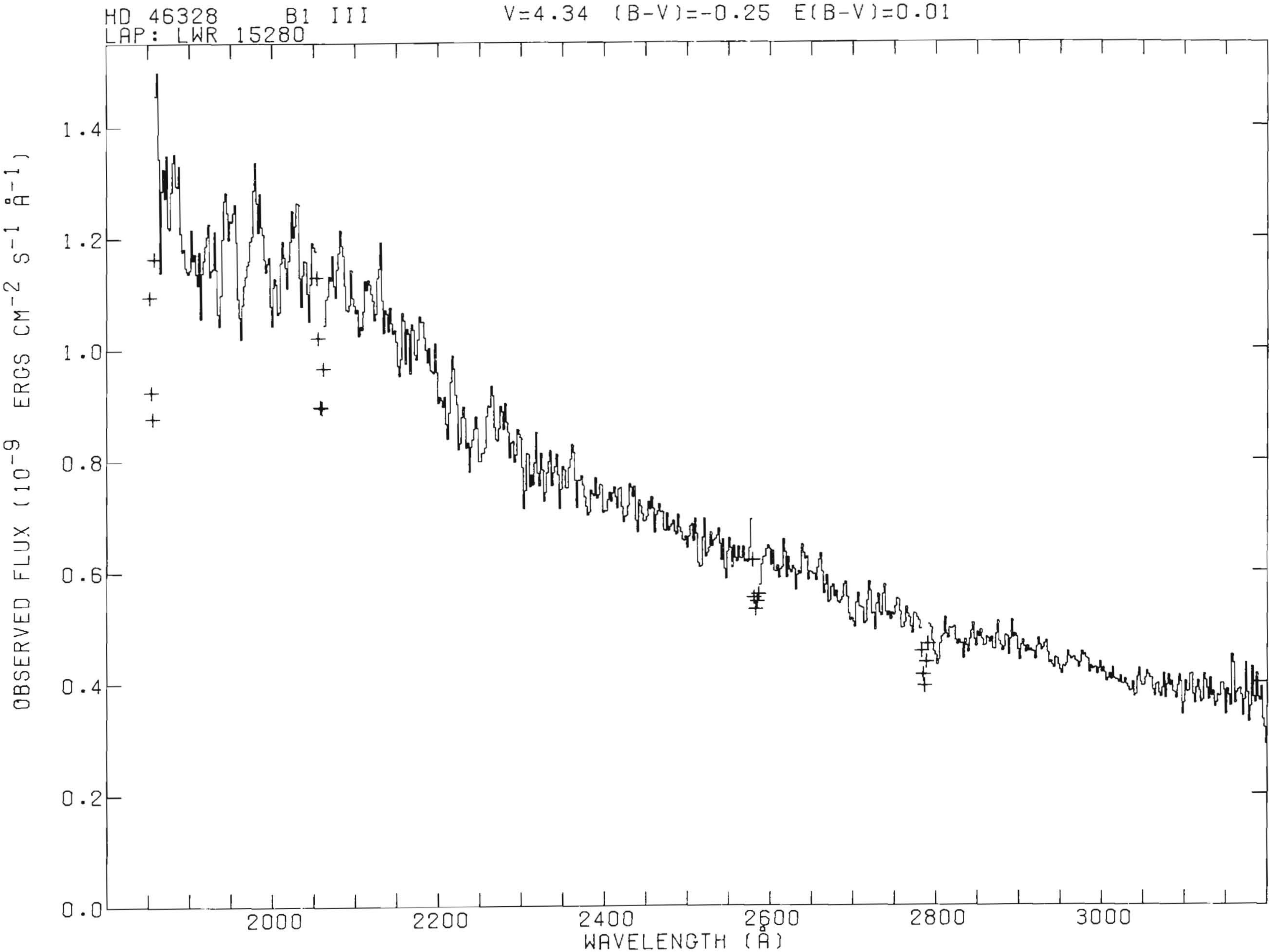


HD 31726 B1 V V=6.15 (B-V)=-0.21 E(B-V)=0.05
LAP: SWP 8165
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
8.0
6.0
4.0
2.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

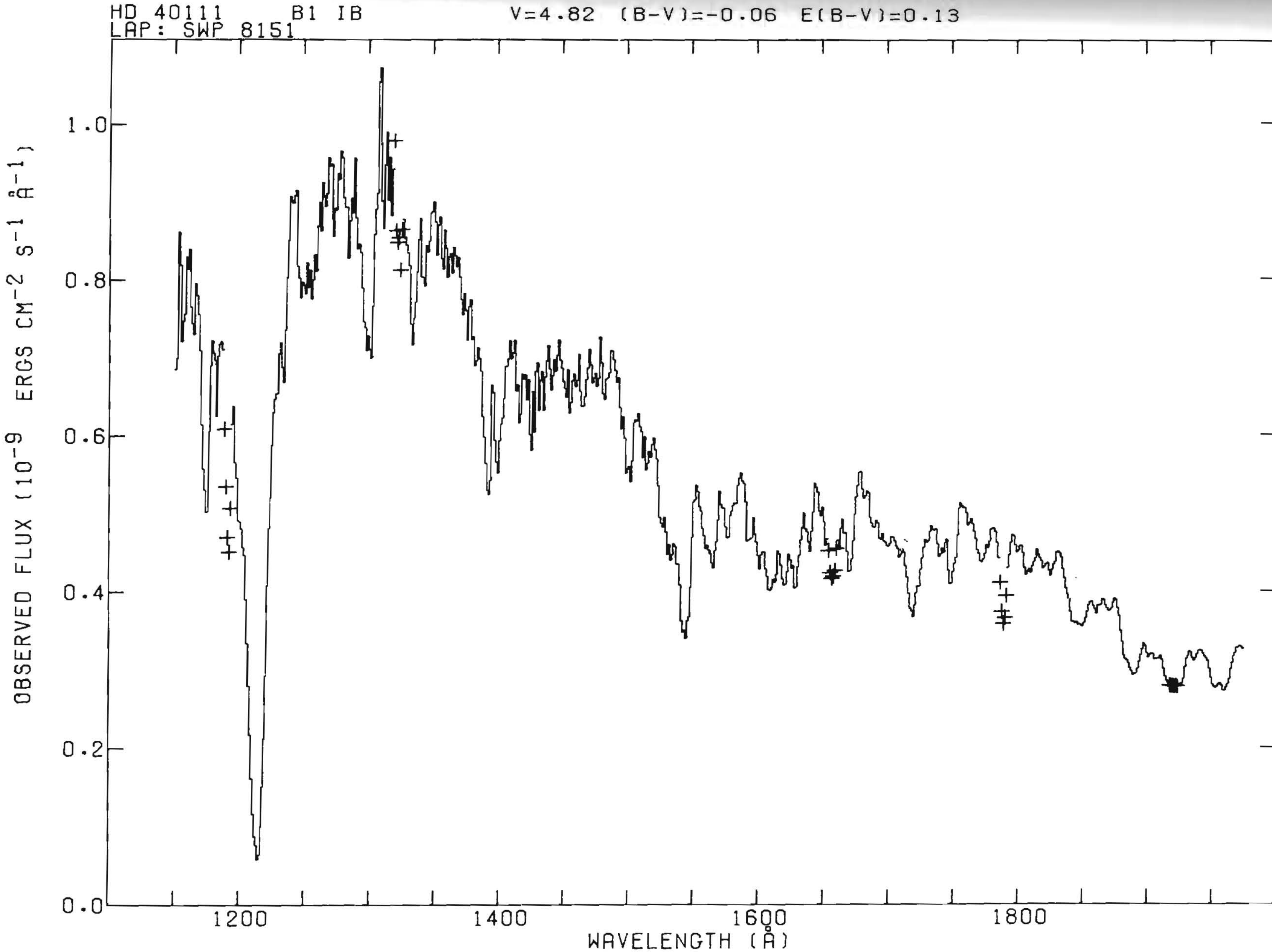


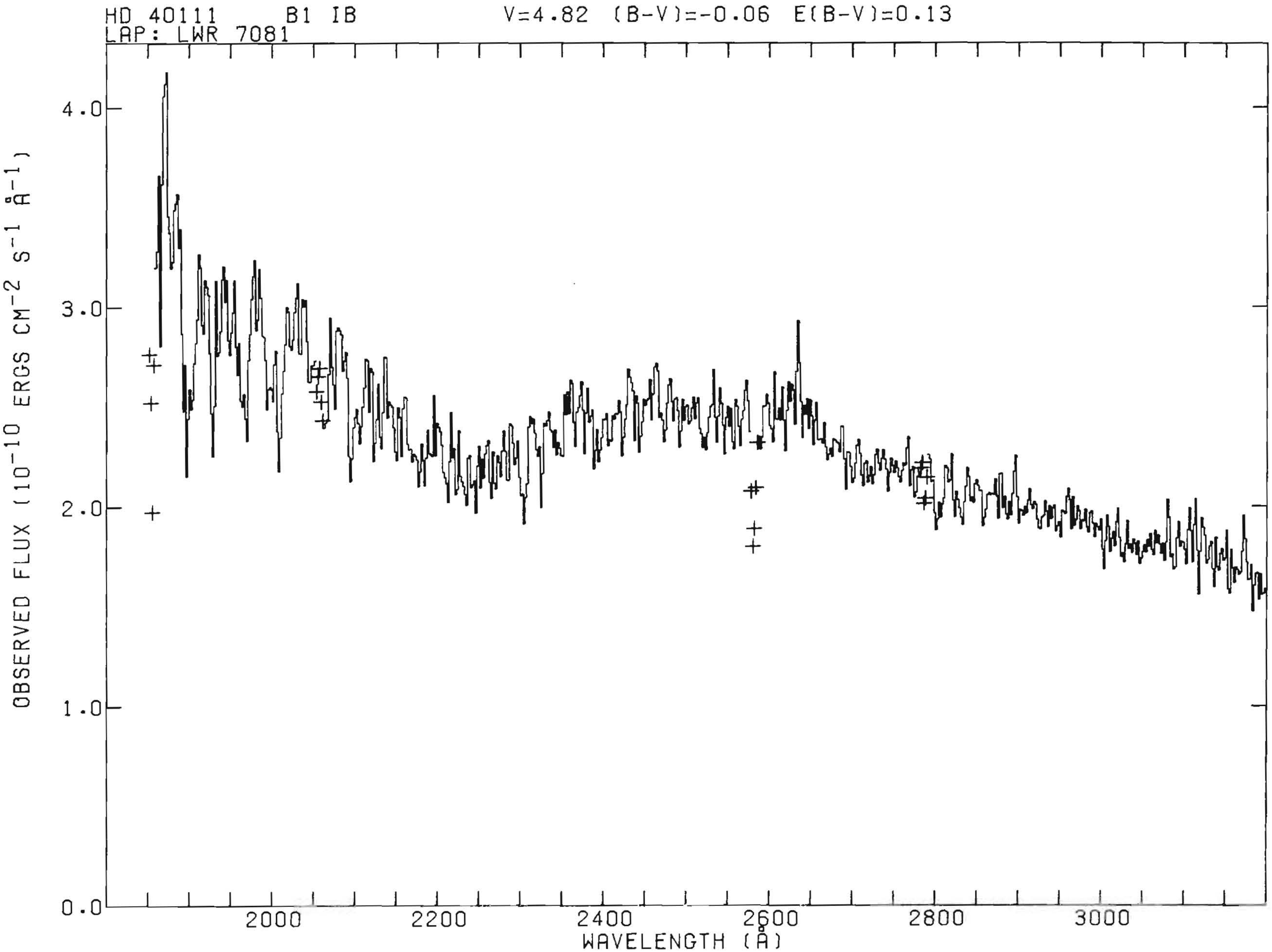
HD 31726 B1 V V=6.15 (B-V)=-0.21 E(B-V)=0.05
LAP: LWR 7098
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
2.0
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 46328 B1 III V=4.34 (B-V)=-0.25 E(B-V)=0.01
LAP: SWP 19244
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
2.0
4.0
6.0
8.0
1200
1400
1600
1800
WAVELENGTH (Å)

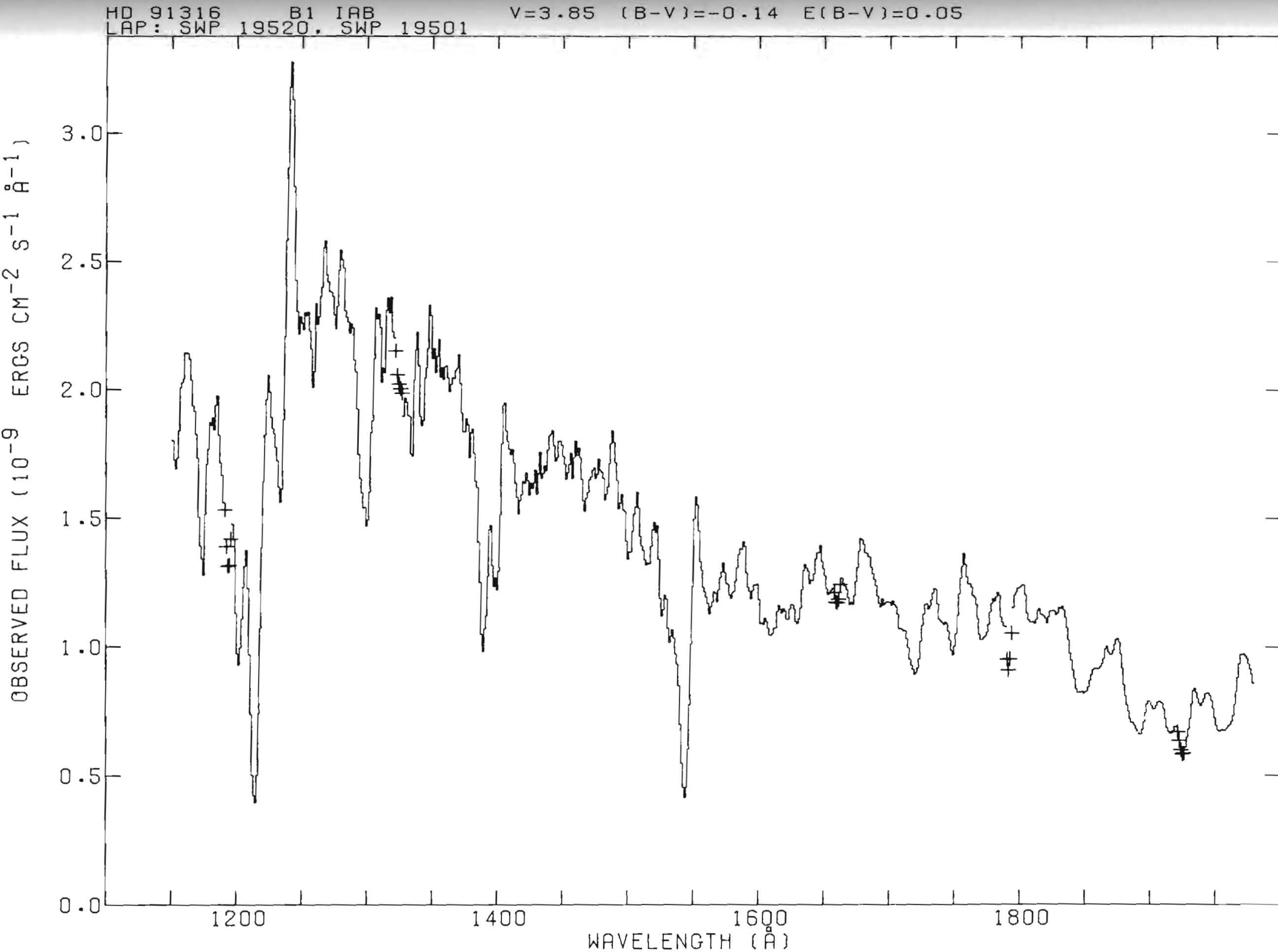


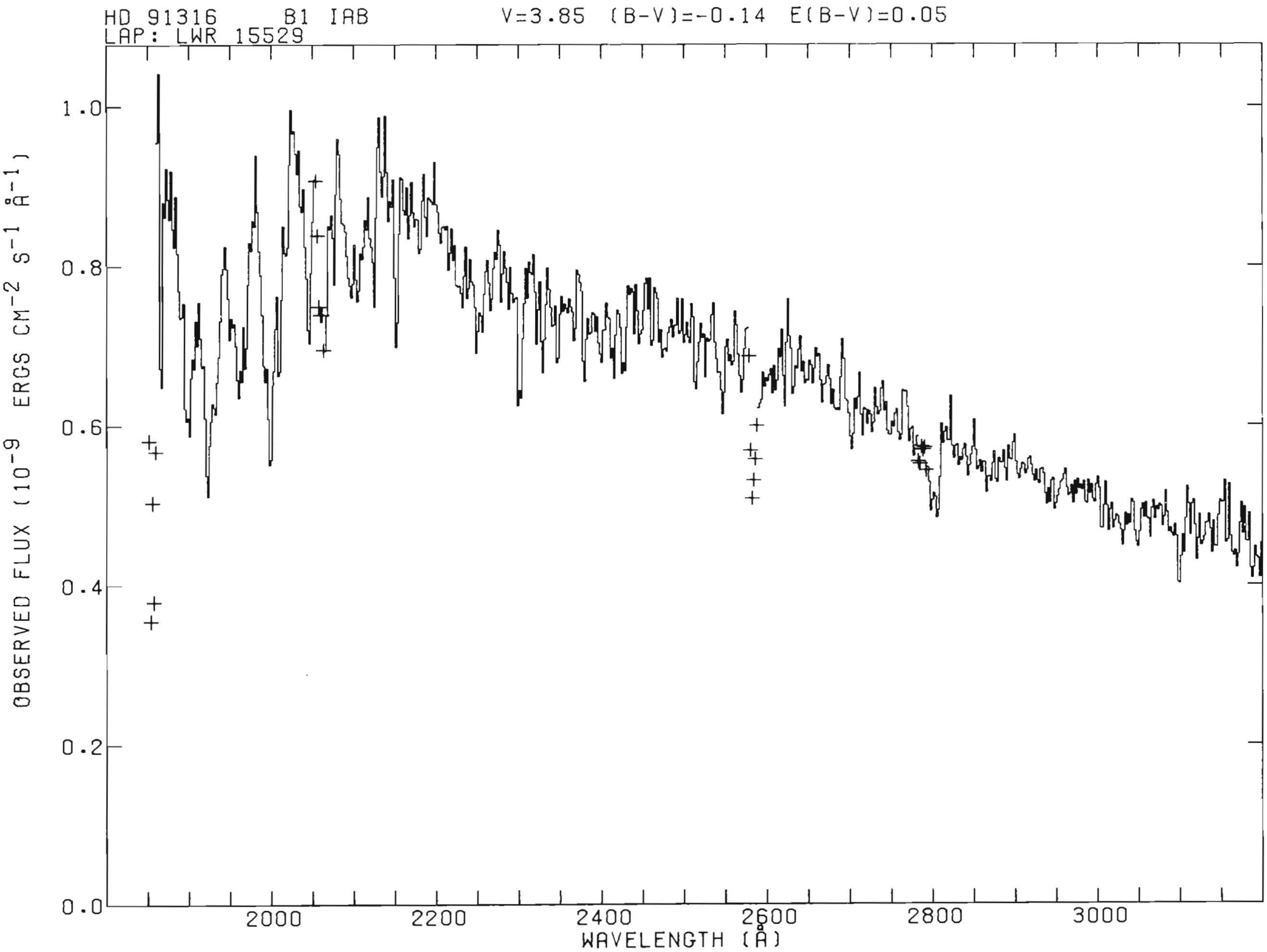
HD 46328 B1 III V=4.34 (B-V)=-0.25 E(B-V)=0.01
LAP: LWR 15280
OBSERVED FLUX (10⁻⁹ ERGS CM⁻² S⁻¹ Å⁻¹)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 40111 B1 IB V=4.82 (B-V)=-0.06 E(B-V)=0.13
LAP: SWP 8151
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
0.2
0.4
0.6
0.8
1.0
1200
1400
1600
1800



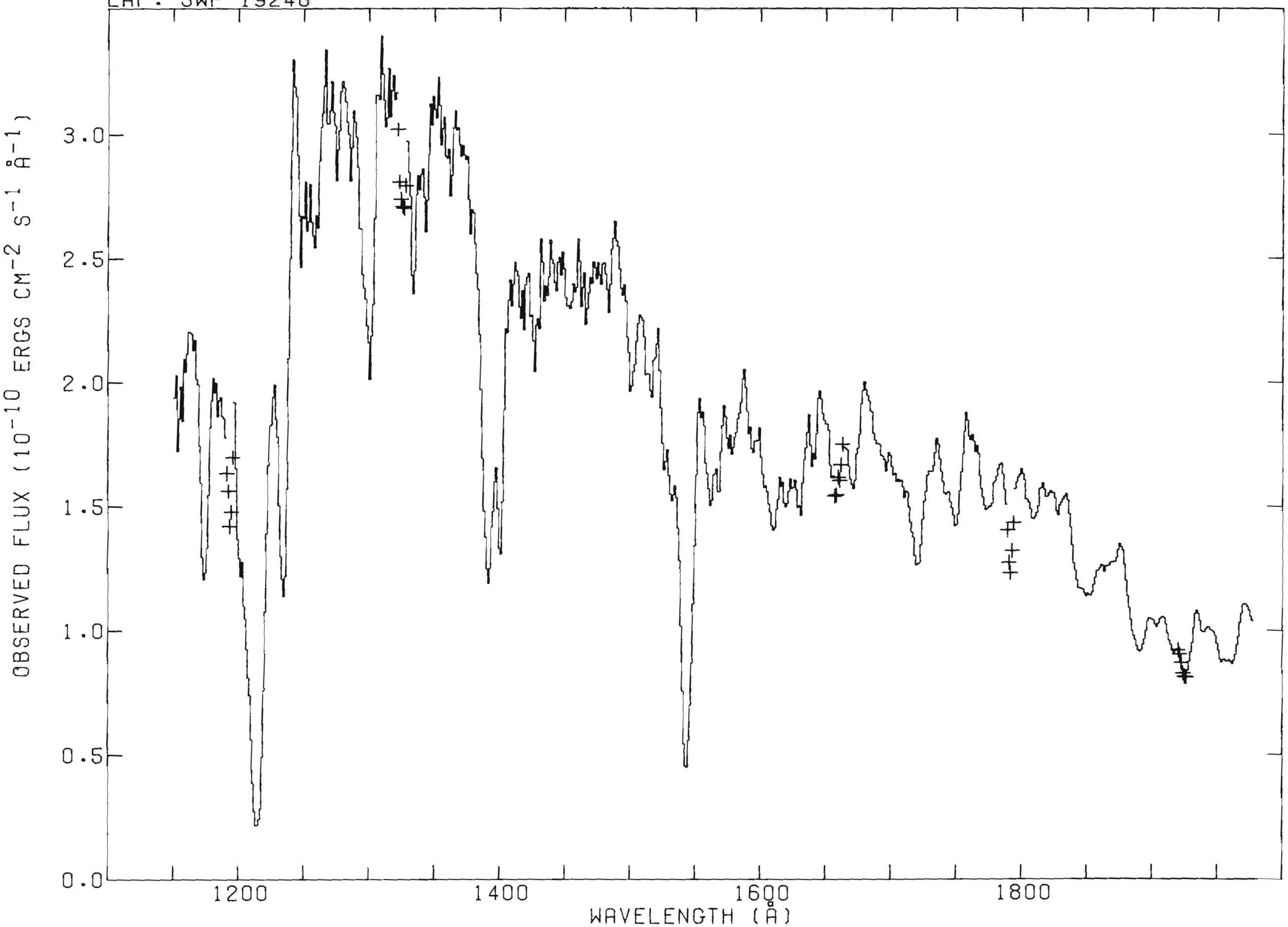
HD 40111 B1 IB V=4.82 (B-V)=-0.06 E(B-V)=0.13
LAP: LWR 7081
OBSERVED FLUX (10^-10 ERGS CM^-2 S^-1 Å^-1)
WAVELENGTH (Å)
0.0
1.0
2.0
3.0
4.0
2000
2200
2400
2600
2800
3000

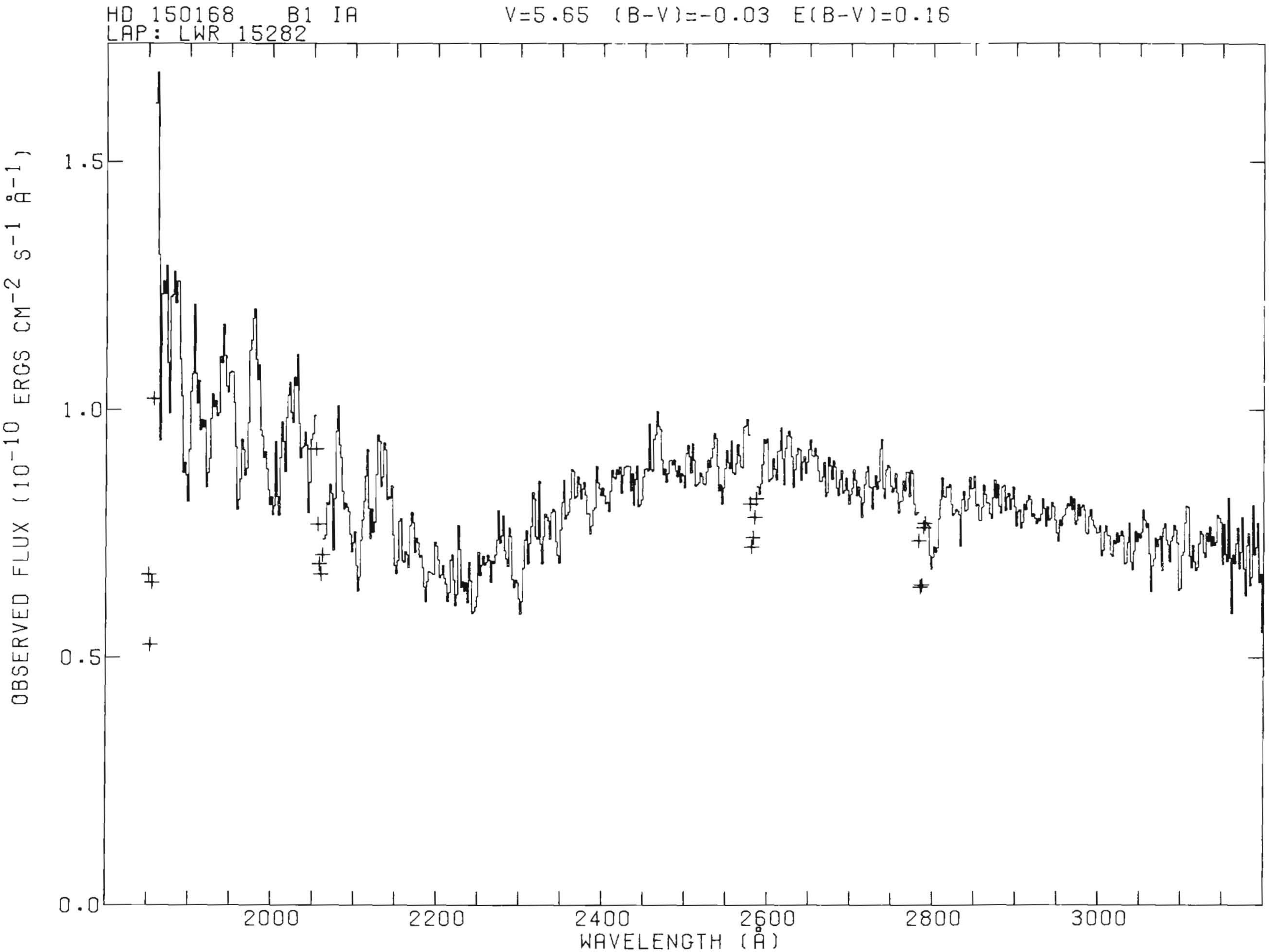

HD 91316 B1 IAB V=3.85 (B-V)=-0.14 E(B-V)=0.05
LAP: SWP 19520, SWP 19501
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

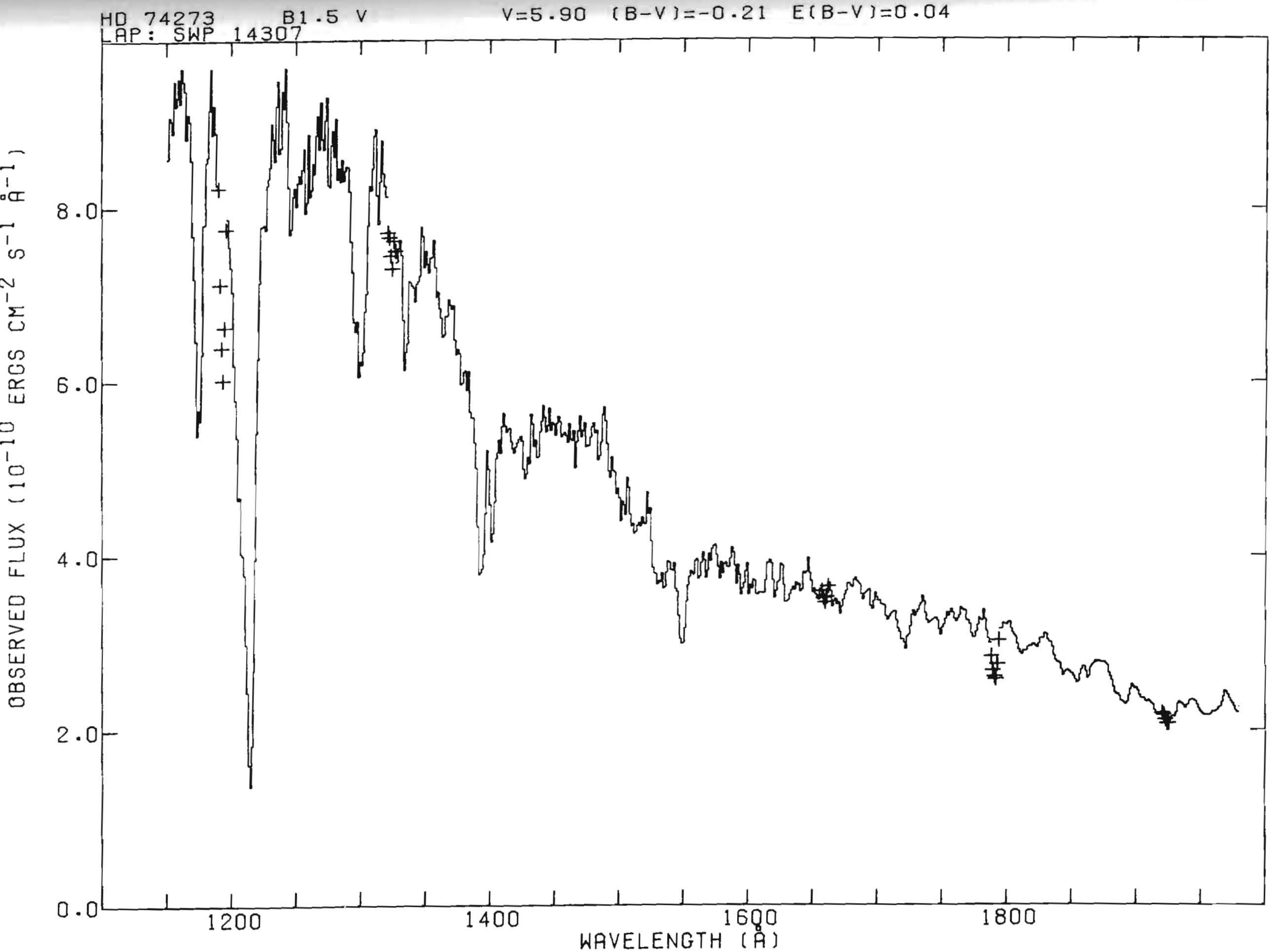


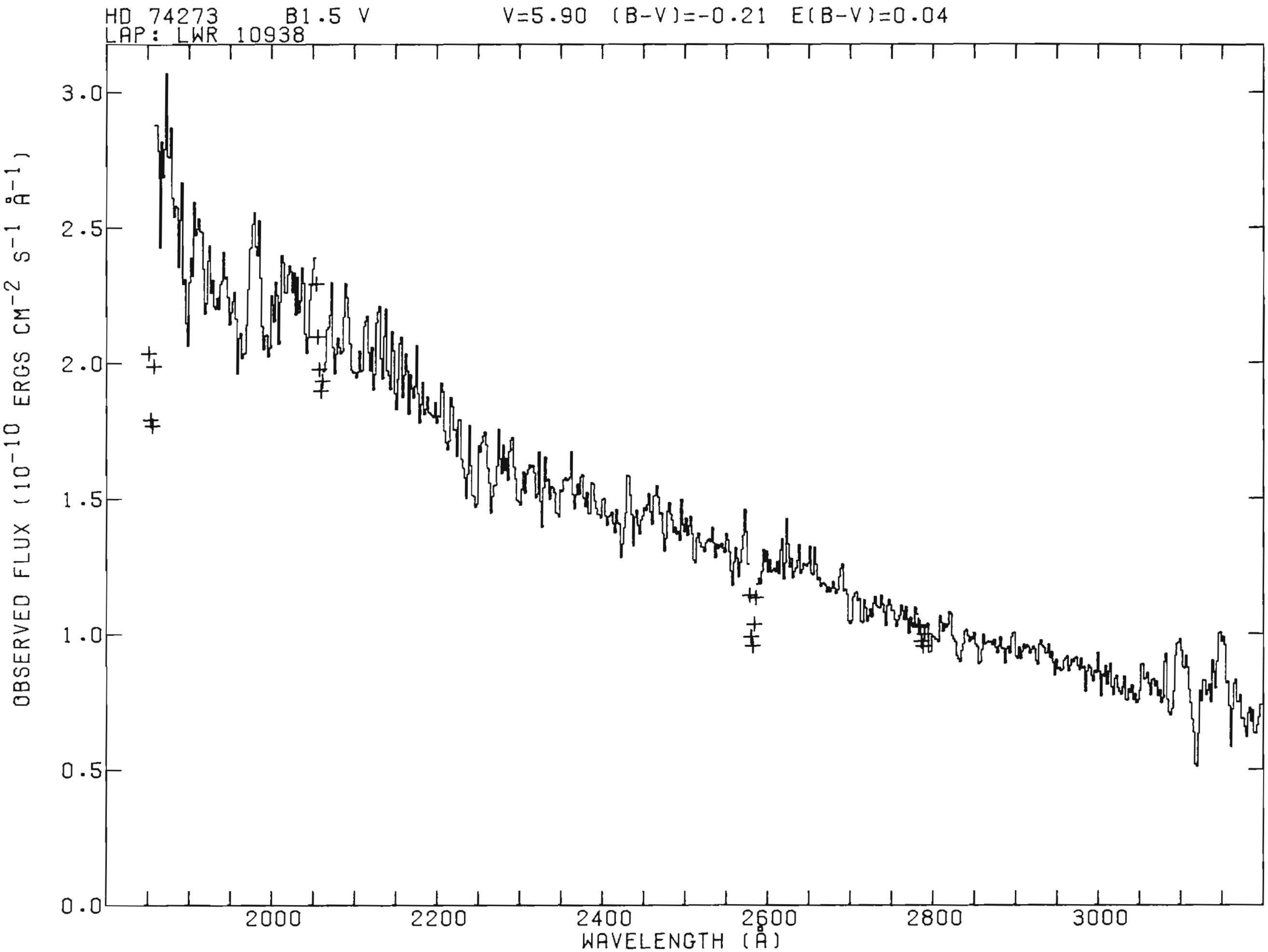
HD 91316 B1 IAB V=3.85 (B-V)=-0.14 E(B-V)=0.05
LAP: LWR 15529
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.2
0.4
0.6
0.8
1.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

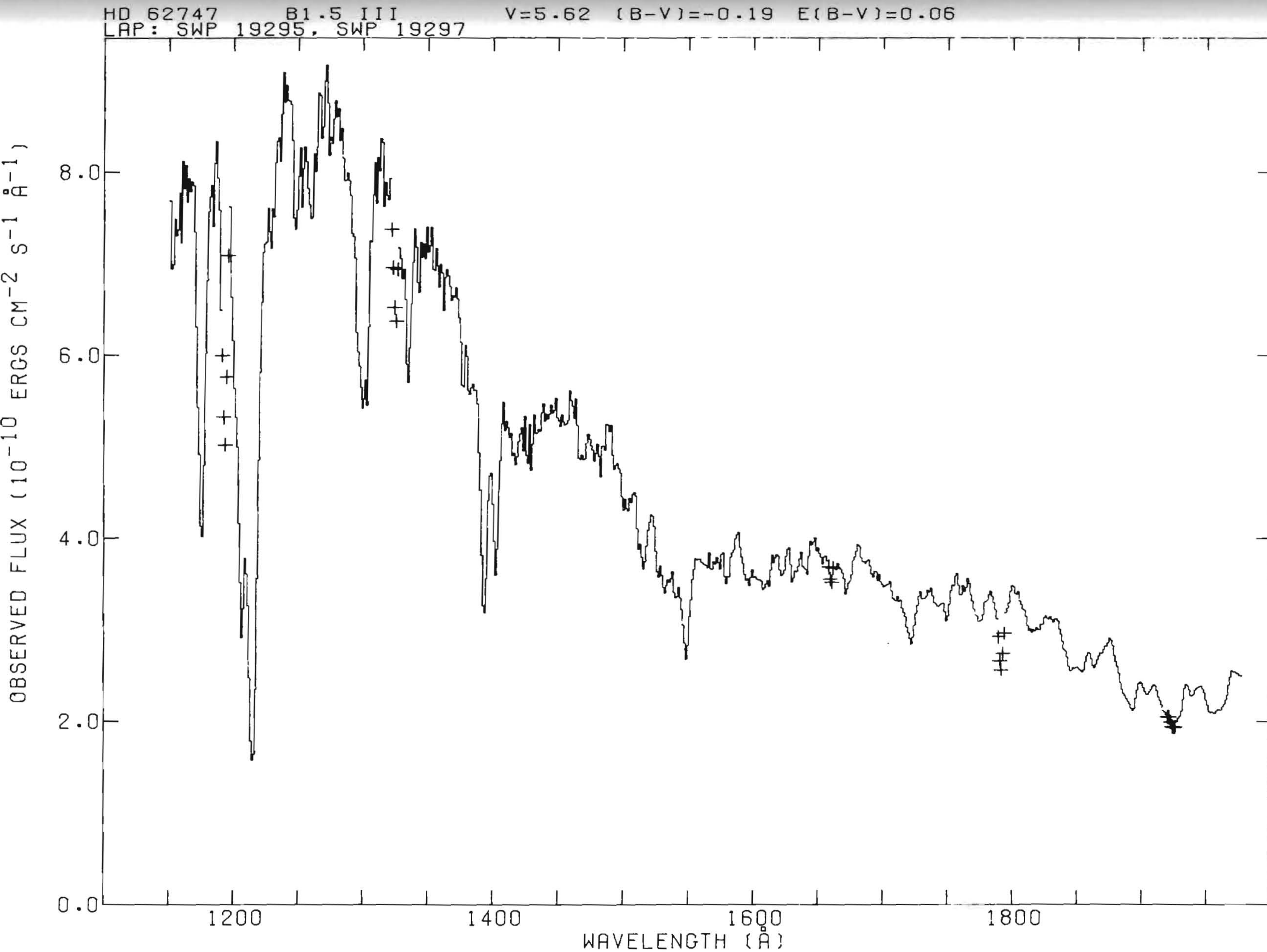
HD 150168 B1 IA V=5.65 (B-V)=-0.03 E(B-V)=0.16
LAP: SWP 19246

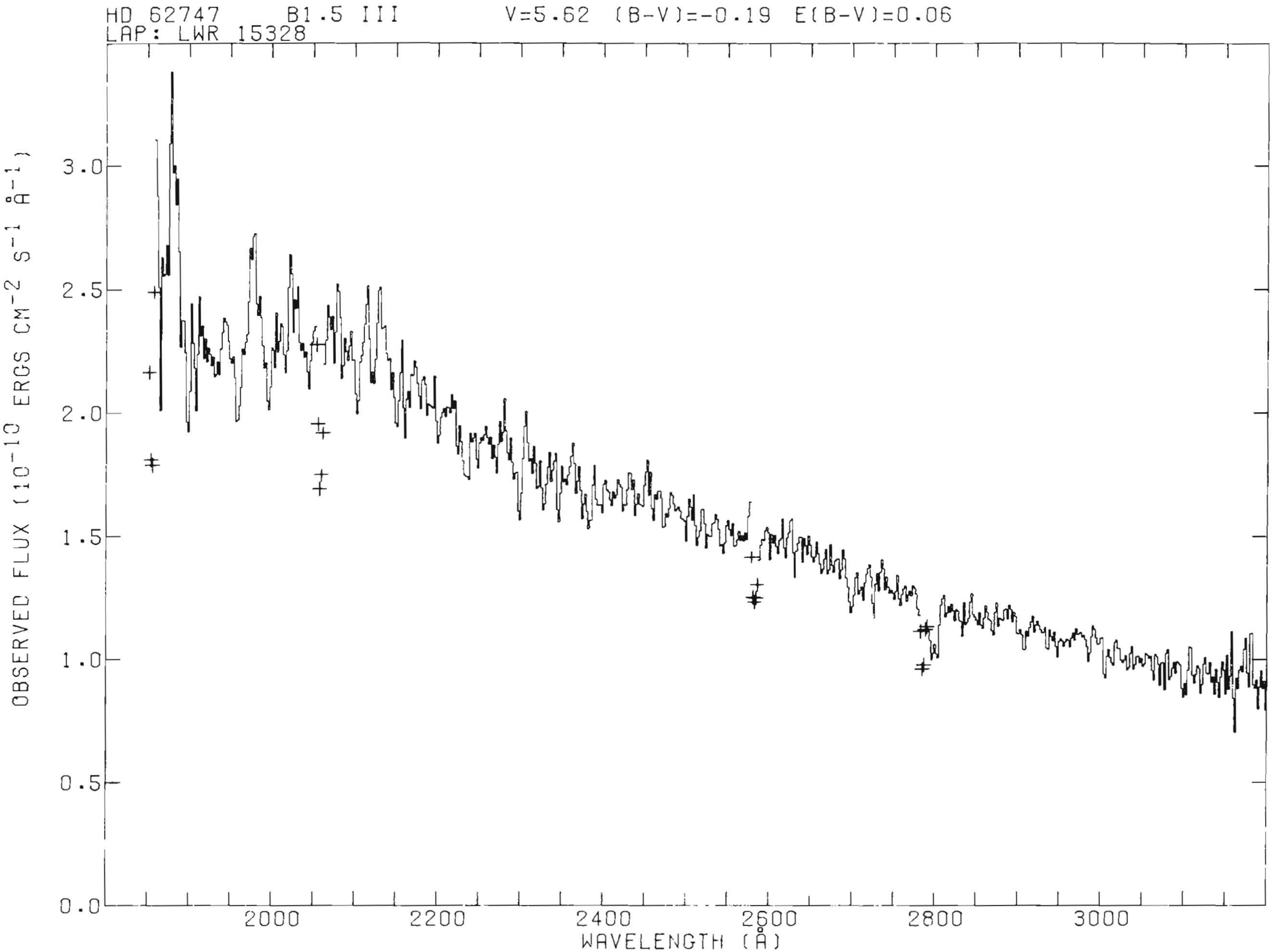


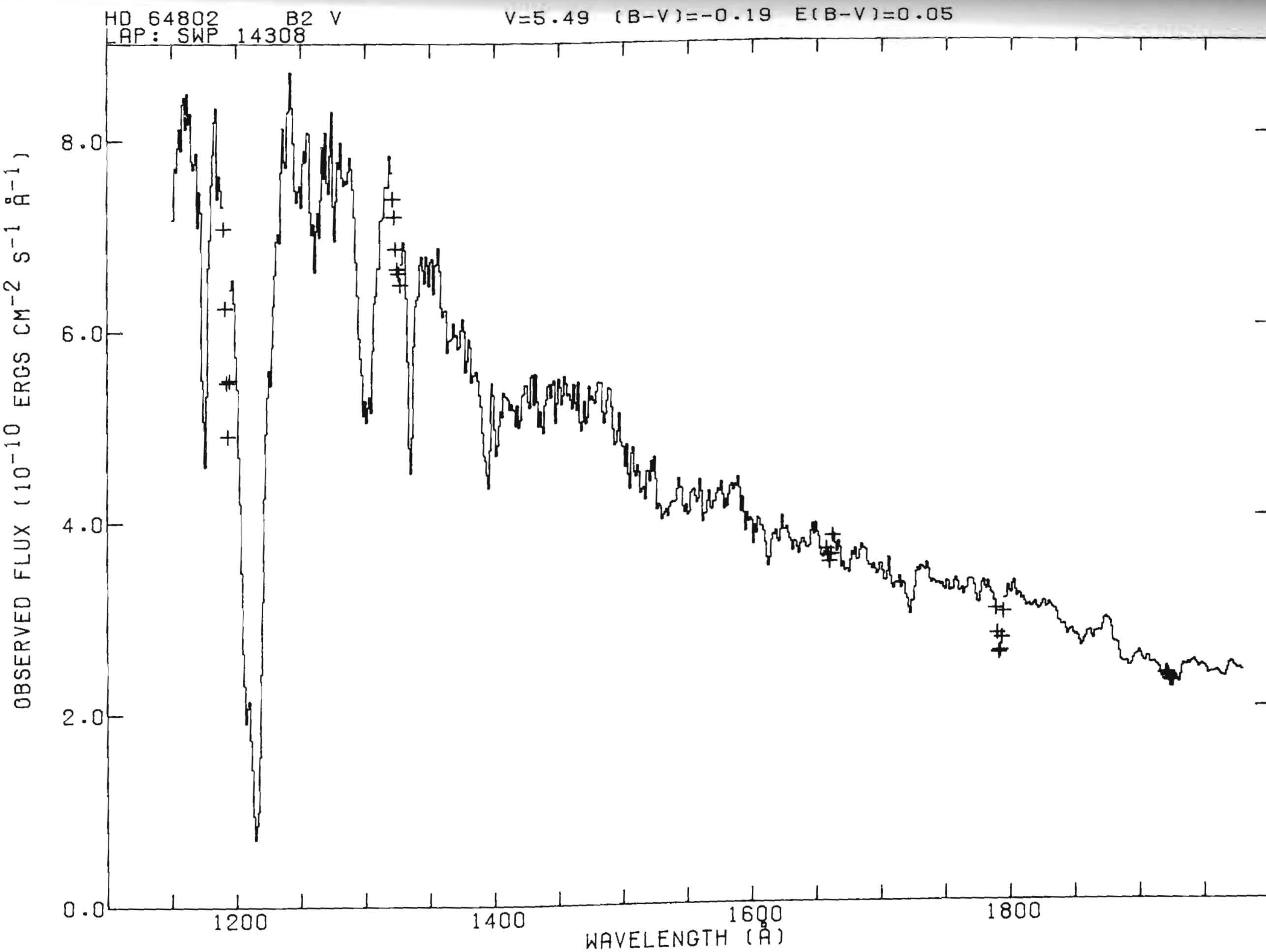

HD 150168 B1 IA V=5.65 (B-V)=-0.03 E(B-V)=0.16
LAP: LWR 15282
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 74273 B1.5 V V=5.90 (B-V)=-0.21 E(B-V)=0.04
LAP: SWP 14307
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
2.0
4.0
6.0
8.0
1200
1400
1600
1800
WAVELENGTH (Å)

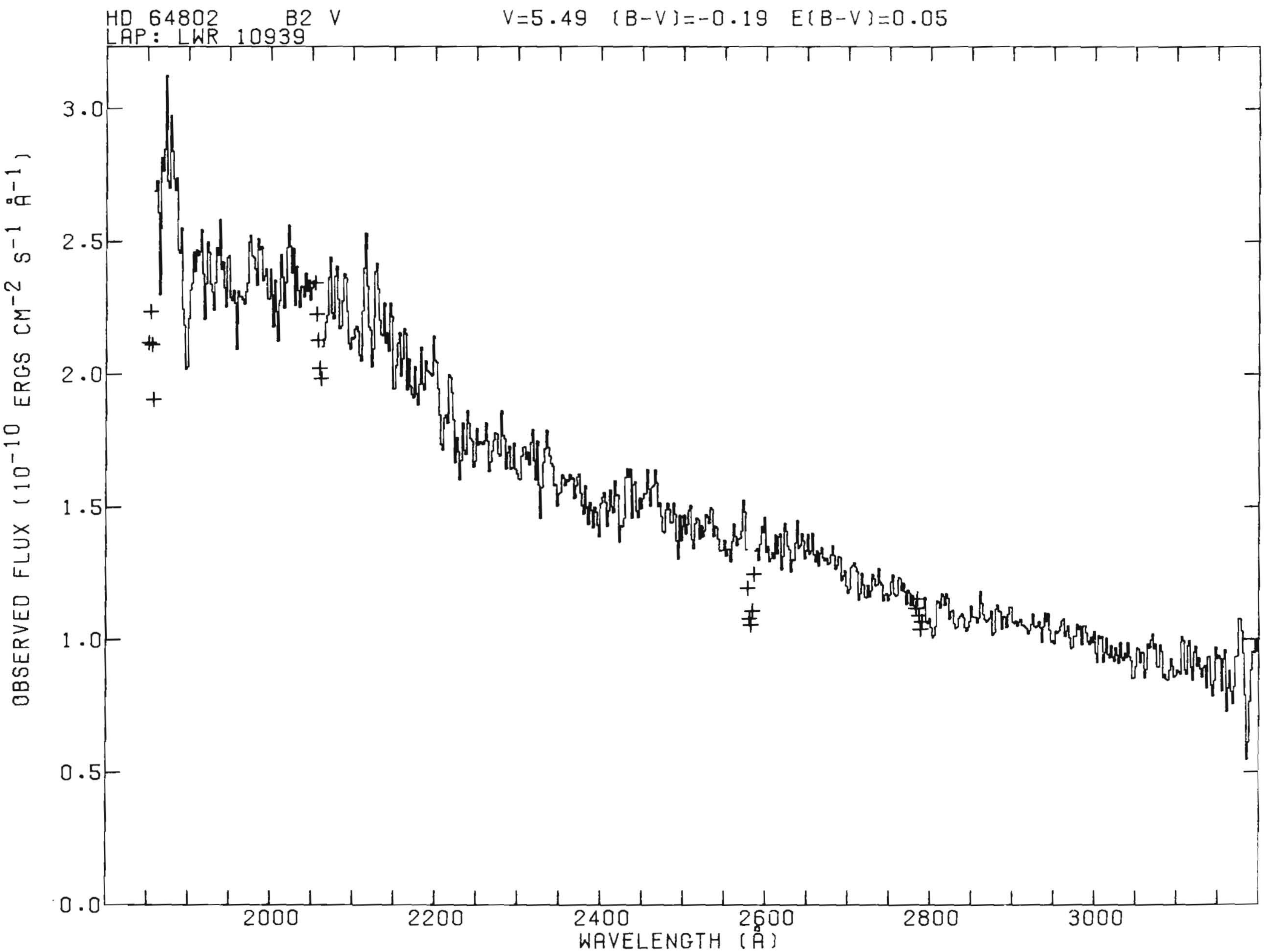

HD 74273 B1.5 V V=5.90 (B-V)=-0.21 E(B-V)=0.04
LAP: LWR 10938
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 62747 B1.5 III V=5.62 (B-V)=-0.19 E(B-V)=0.06
LAP: SWP 19295, SWP 19297
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
2.0
4.0
6.0
8.0
1200
1400
1600
1800

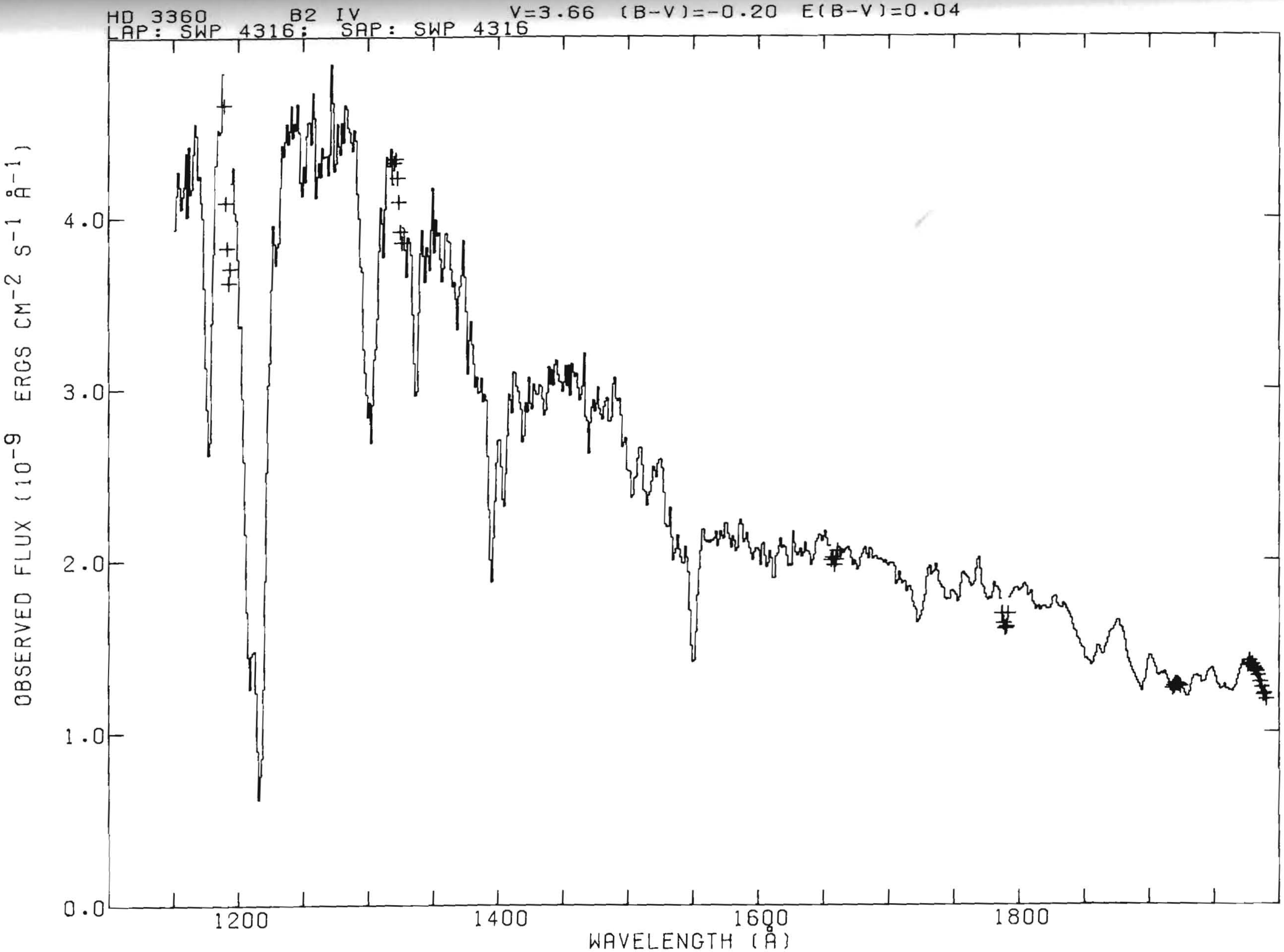

HD 62747 B1.5 III V=5.62 (B-V)=-0.19 E(B-V)=0.06
LAP: LWR 15328
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

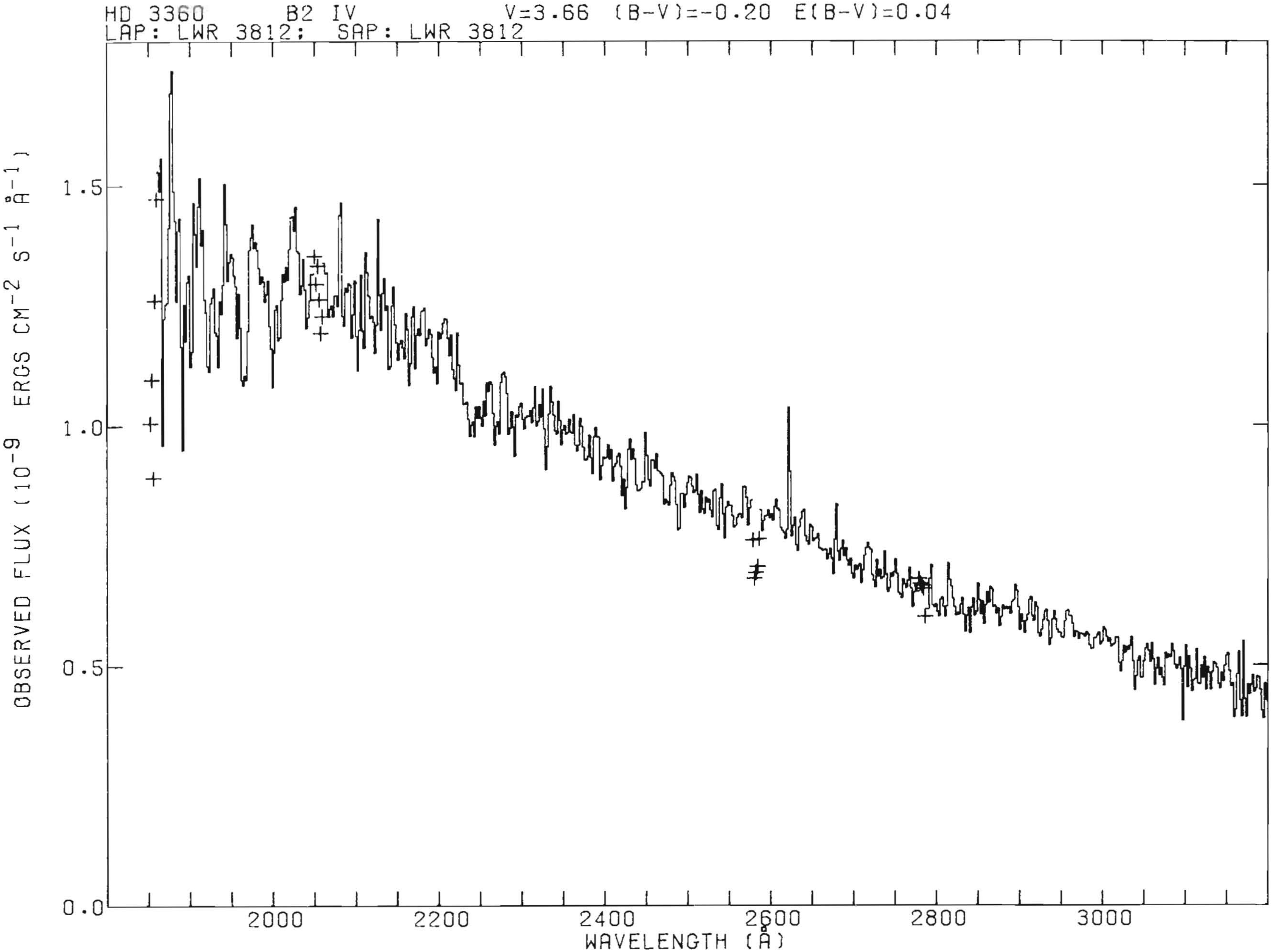


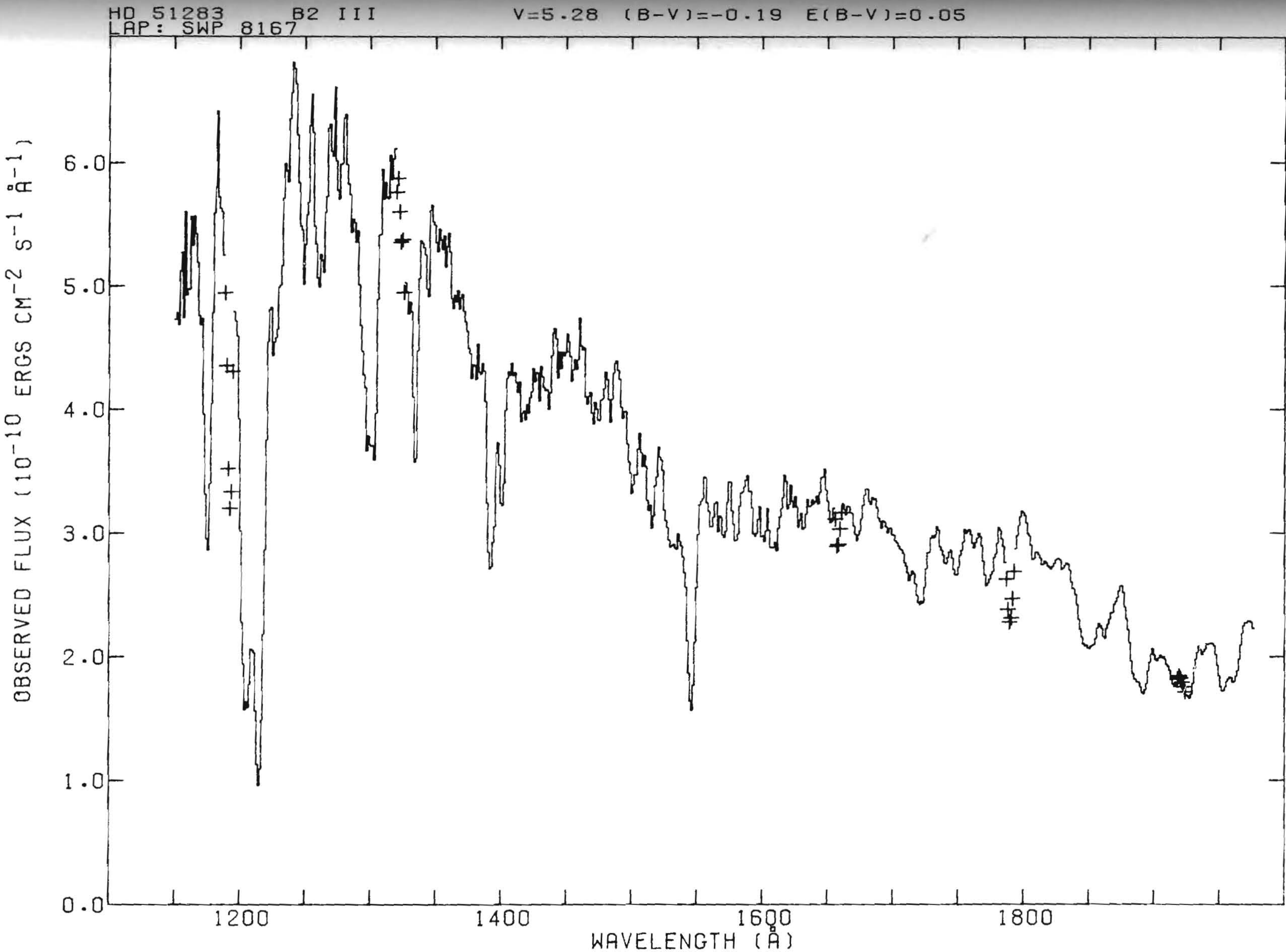
HD 64802 B2 V V=5.49 (B-V)=-0.19 E(B-V)=0.05
LAP: SWP 14308
OBSERVED FLUX (10⁻¹⁰ ERGS CM⁻² S⁻¹ Å⁻¹)
8.0
6.0
4.0
2.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)



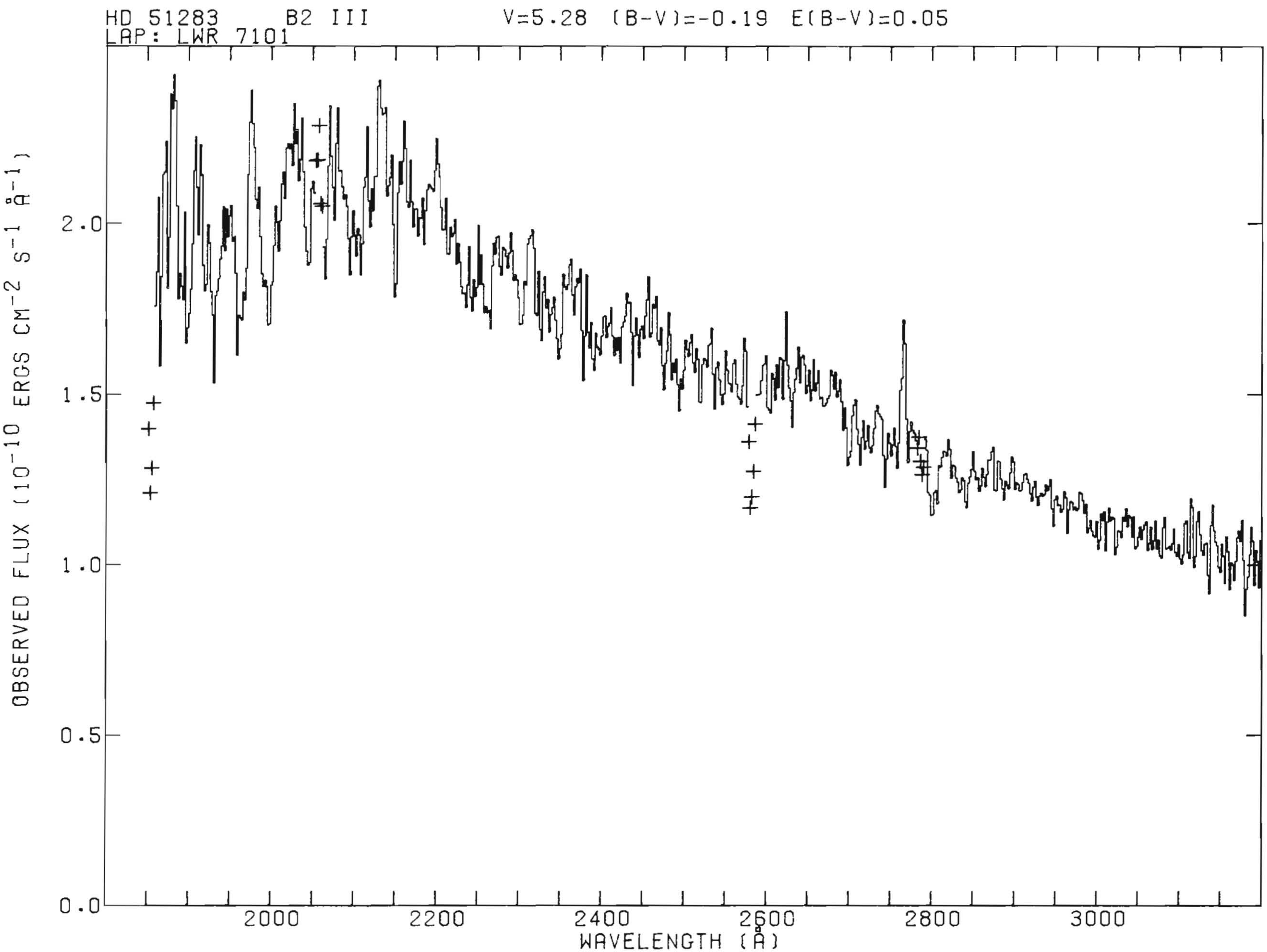
HD 64802 B2 V V=5.49 (B-V)=-0.19 E(B-V)=0.05
LAP: LWR 10939
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 3360 B2 IV V=3.66 (B-V)=-0.20 E(B-V)=0.04
LAP: SWP 4316: SAP: SWP 4316
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
1.0
2.0
3.0
4.0
1200
1400
1600
1800
WAVELENGTH (Å)

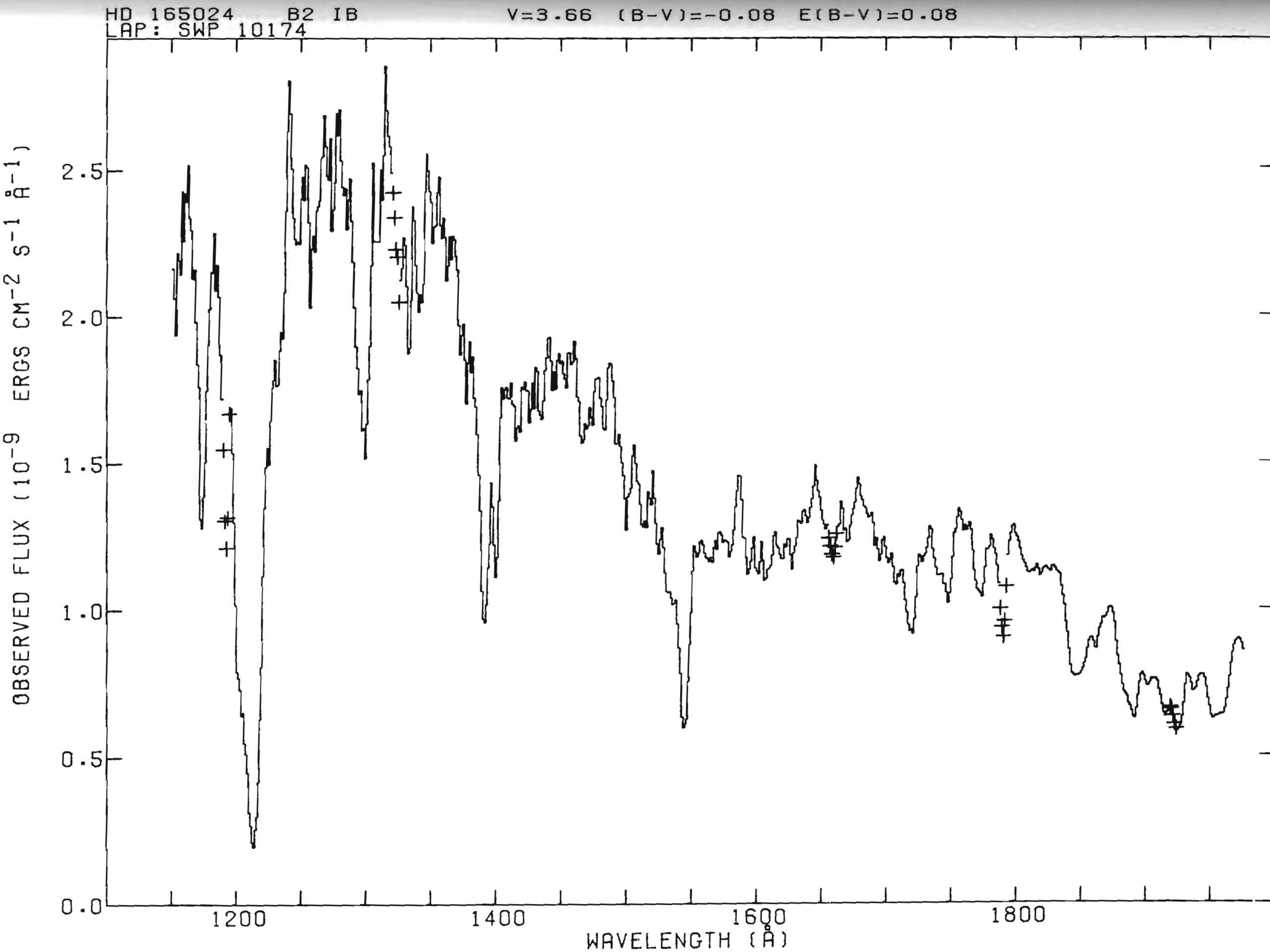

HD 3360 B2 IV V=3.66 (B-V)=-0.20 E(B-V)=0.04
LAP: LWR 3812; SAP: LWR 3812
OBSERVED FLUX (10^-9 ERGS CM^-2 S^-1 Å^-1)
0.0
0.5
1.0
1.5
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

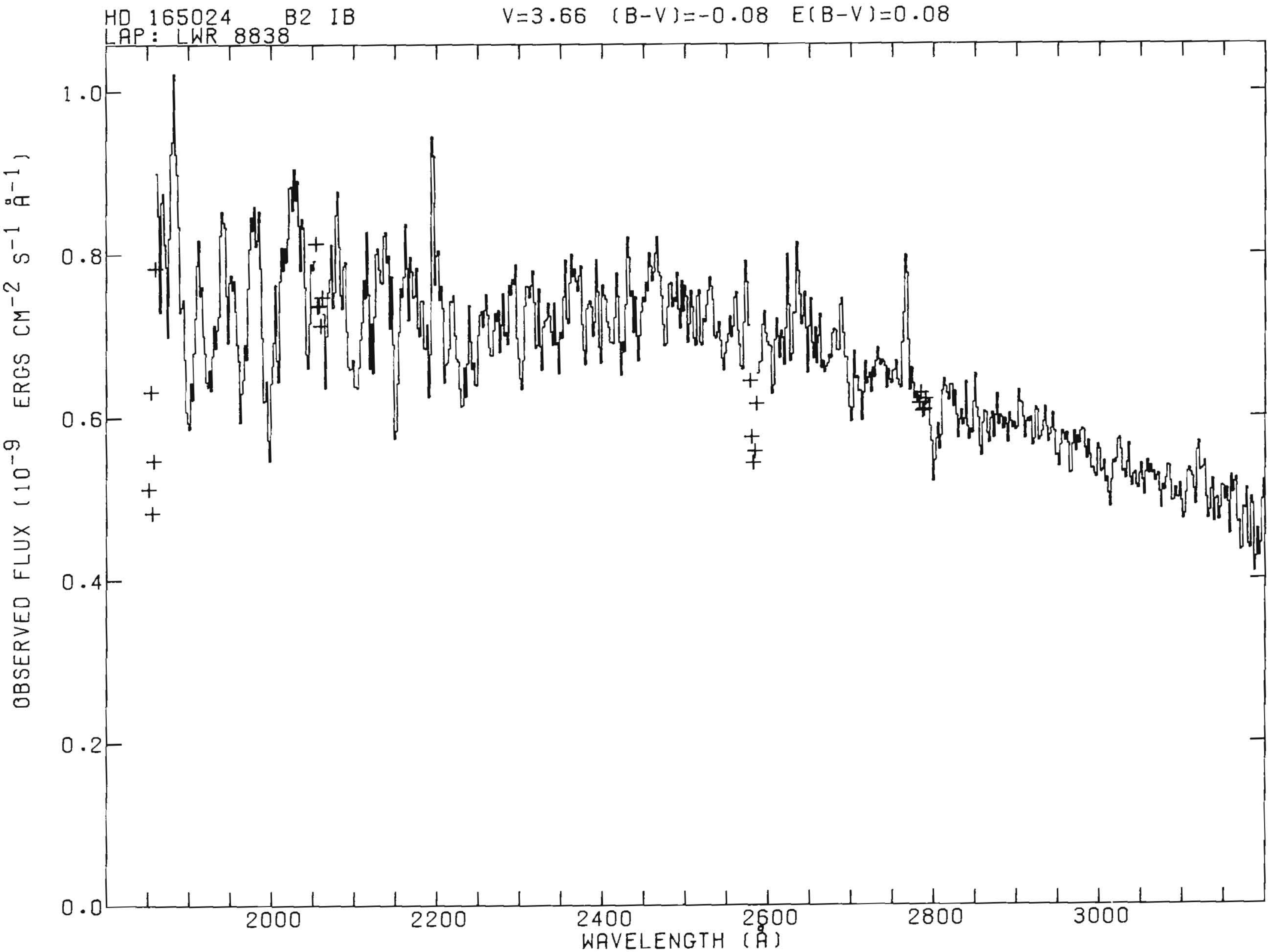


HD 51283 B2 III V=5.28 (B-V)=-0.19 E(B-V)=0.05
LAP: SWP 8167
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

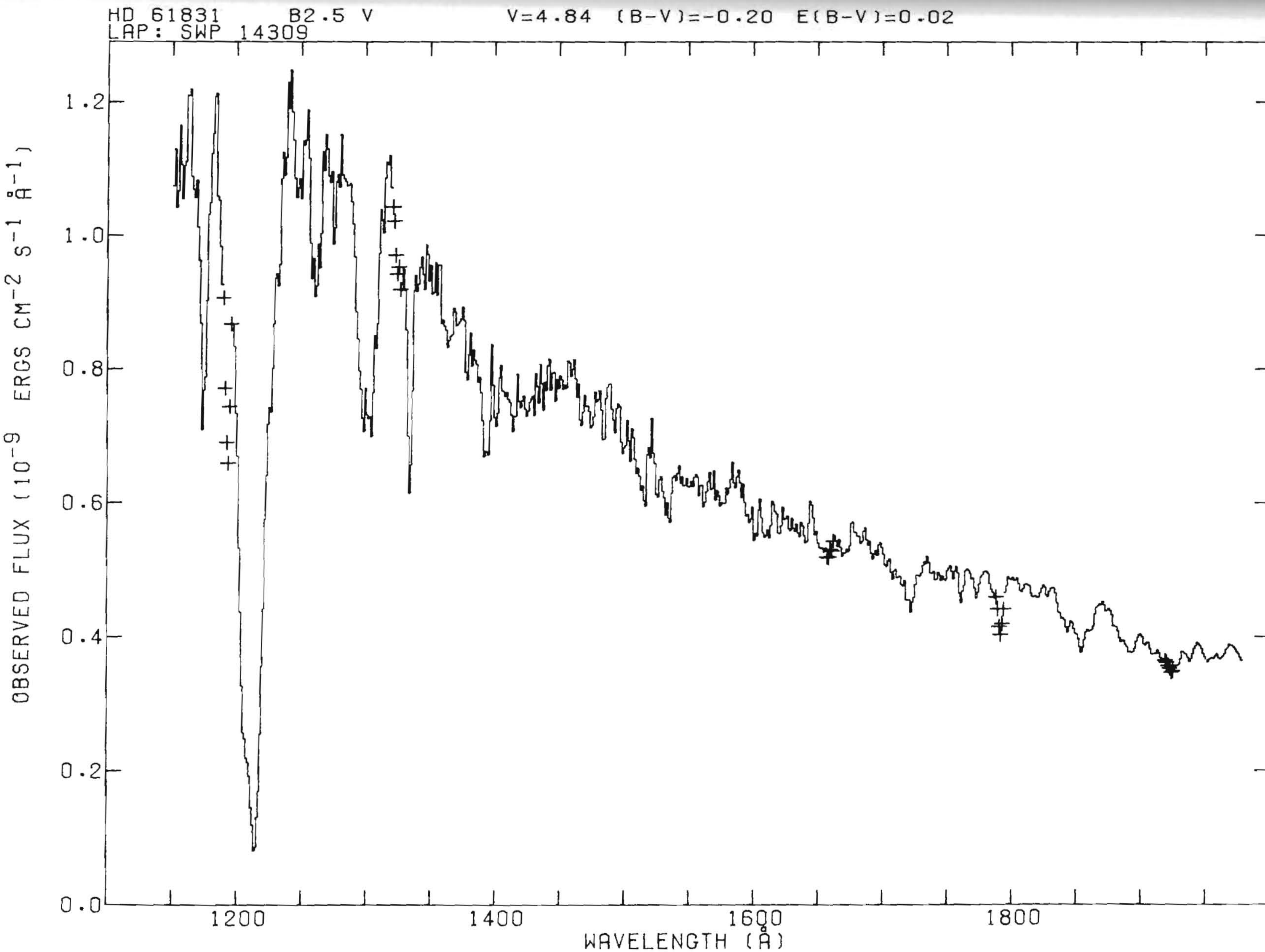


HD 51283 B2 III V=5.28 (B-V)=-0.19 E(B-V)=0.05
LAP: LWR 7101
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
2.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

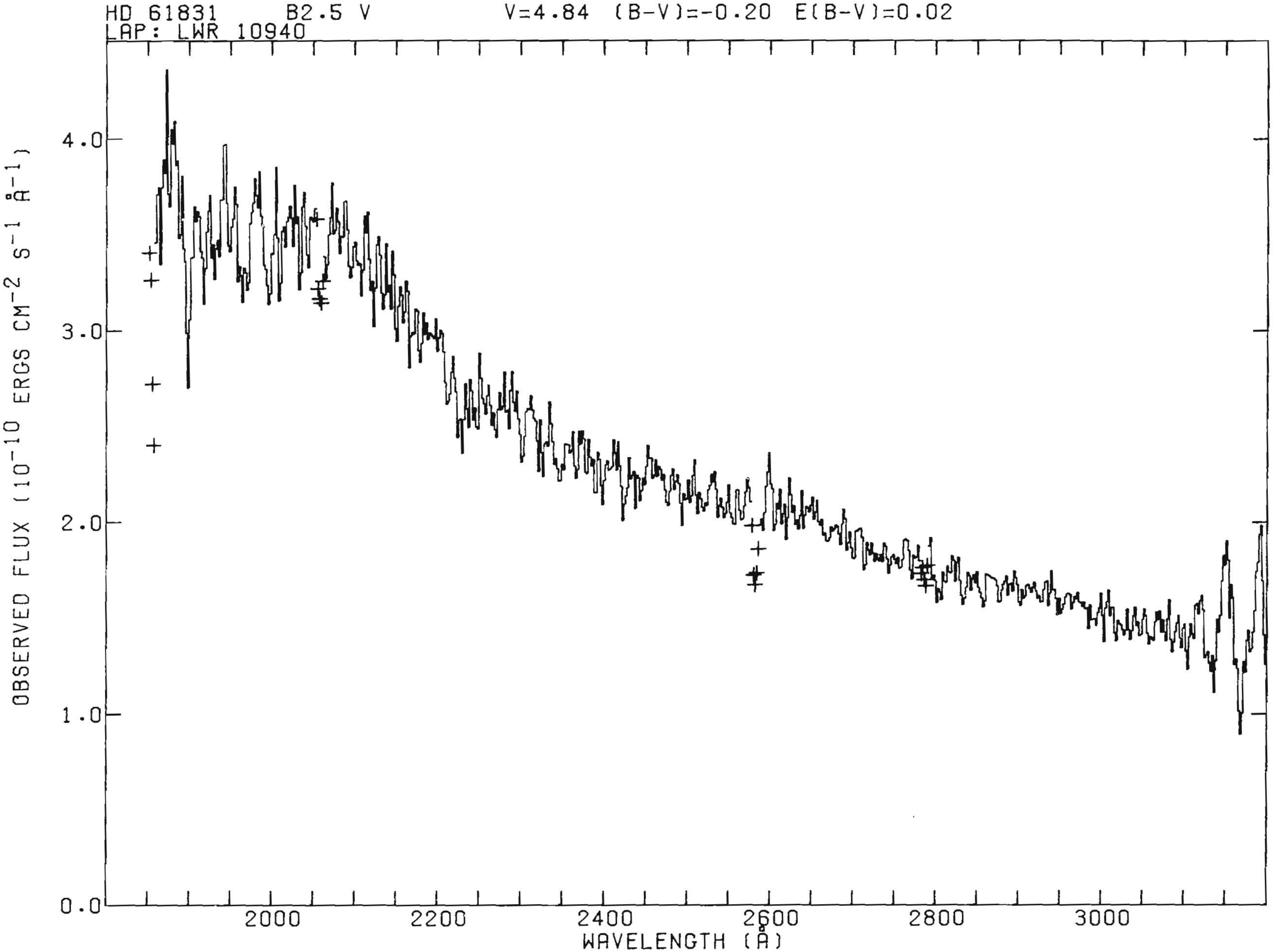

HD 165024 B2 IB V=3.66 (B-V)=-0.08 E(B-V)=0.08
LAP: SWP 10174
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} Å^{-1})
0.0
0.5
1.0
1.5
2.0
2.5
1200
1400
1600
1800
WAVELENGTH (Å)

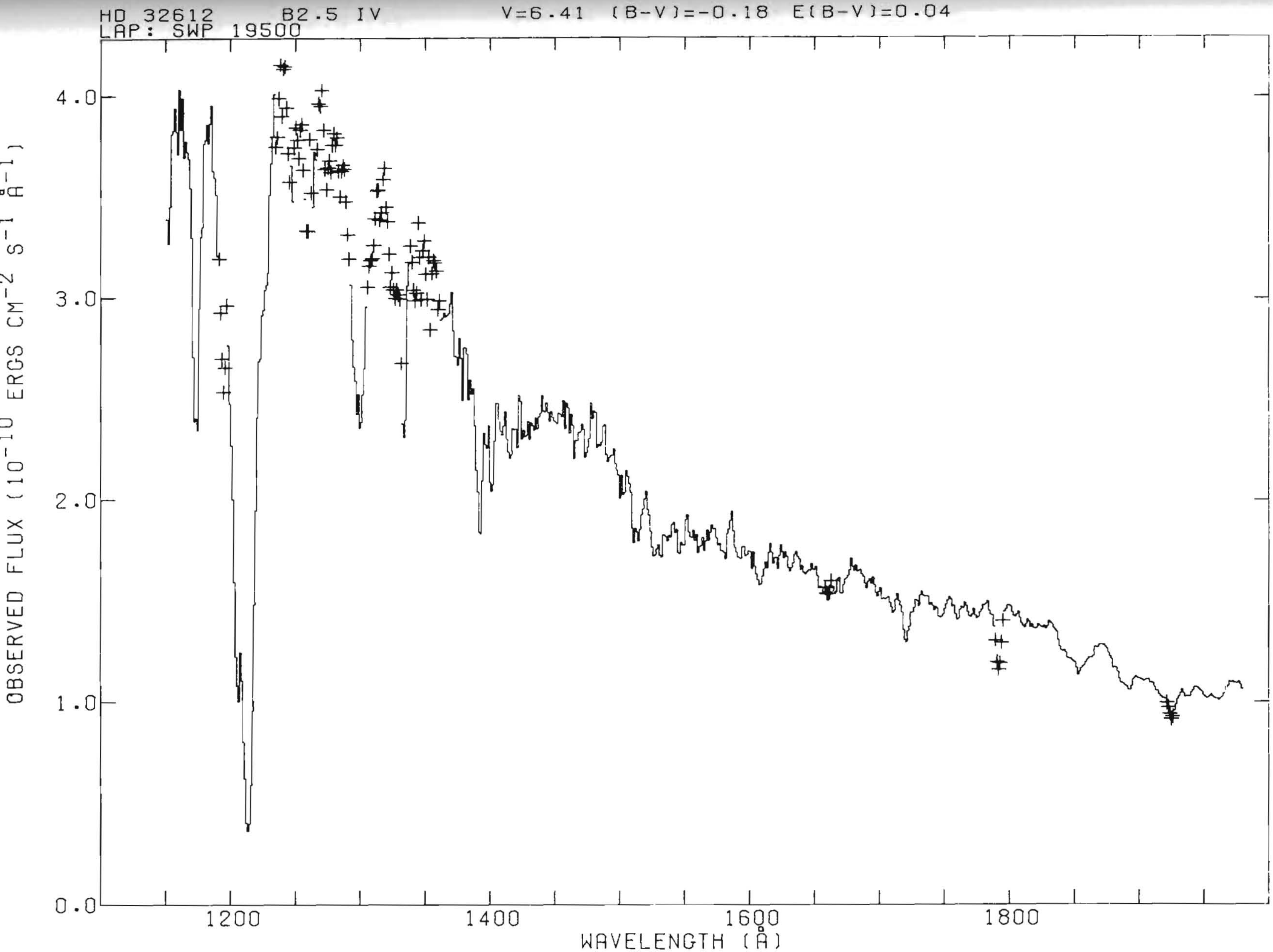


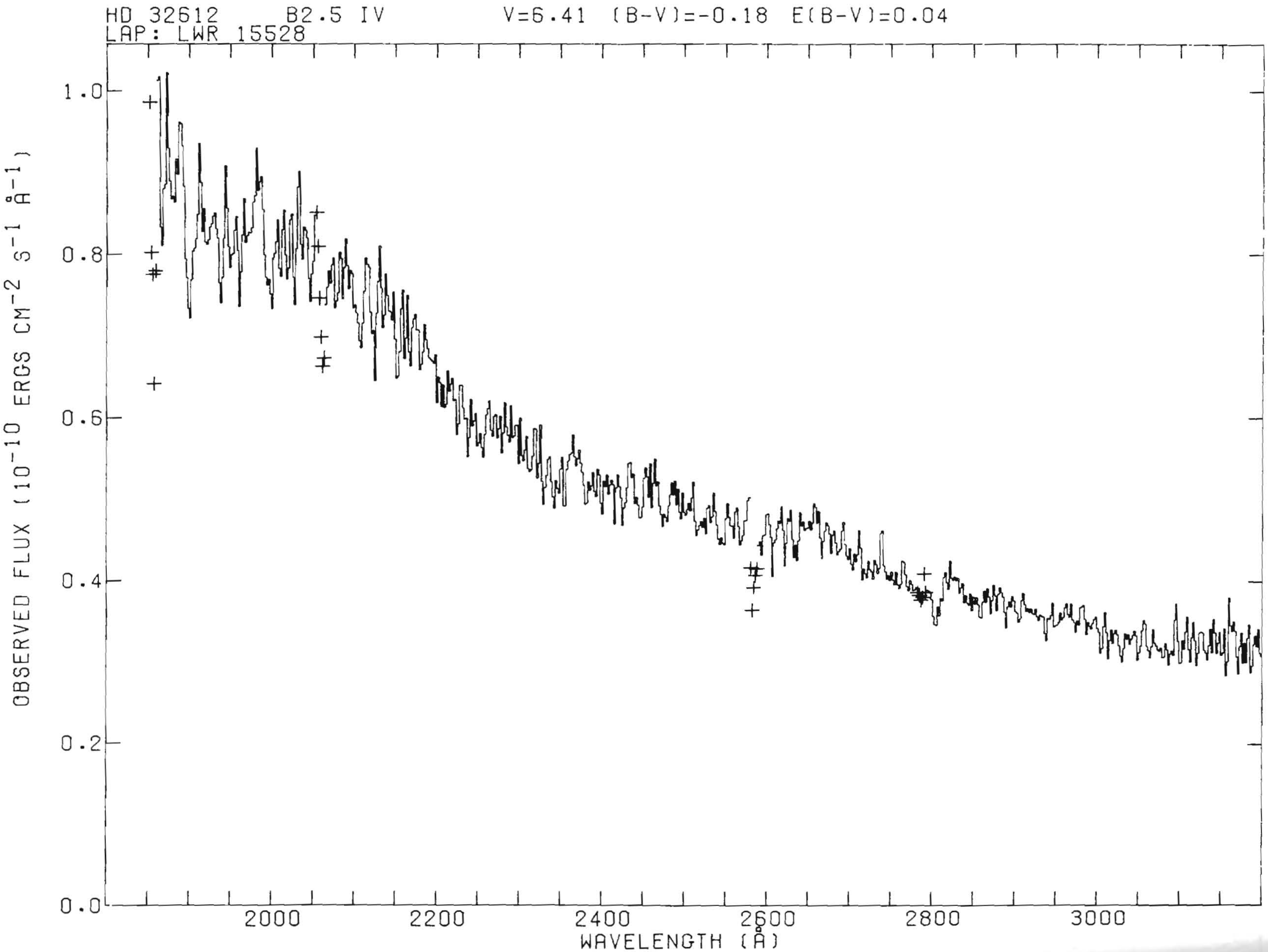
HD 165024 B2 IB V=3.66 (B-V)=-0.08 E(B-V)=0.08
LAP: LWR 8838
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
0.2
0.4
0.6
0.8
1.0
2000
2200
2400
2600
2800
3000

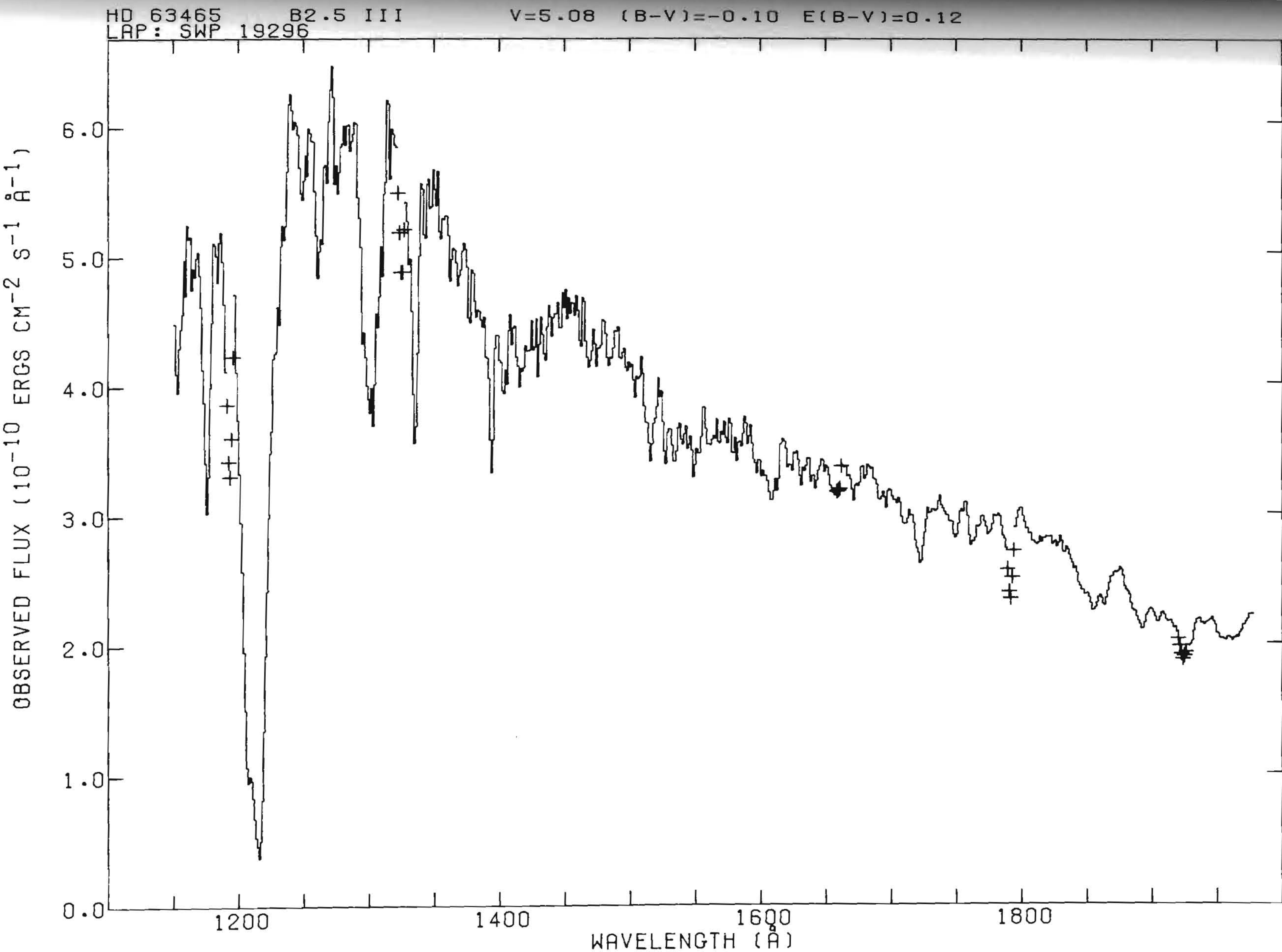


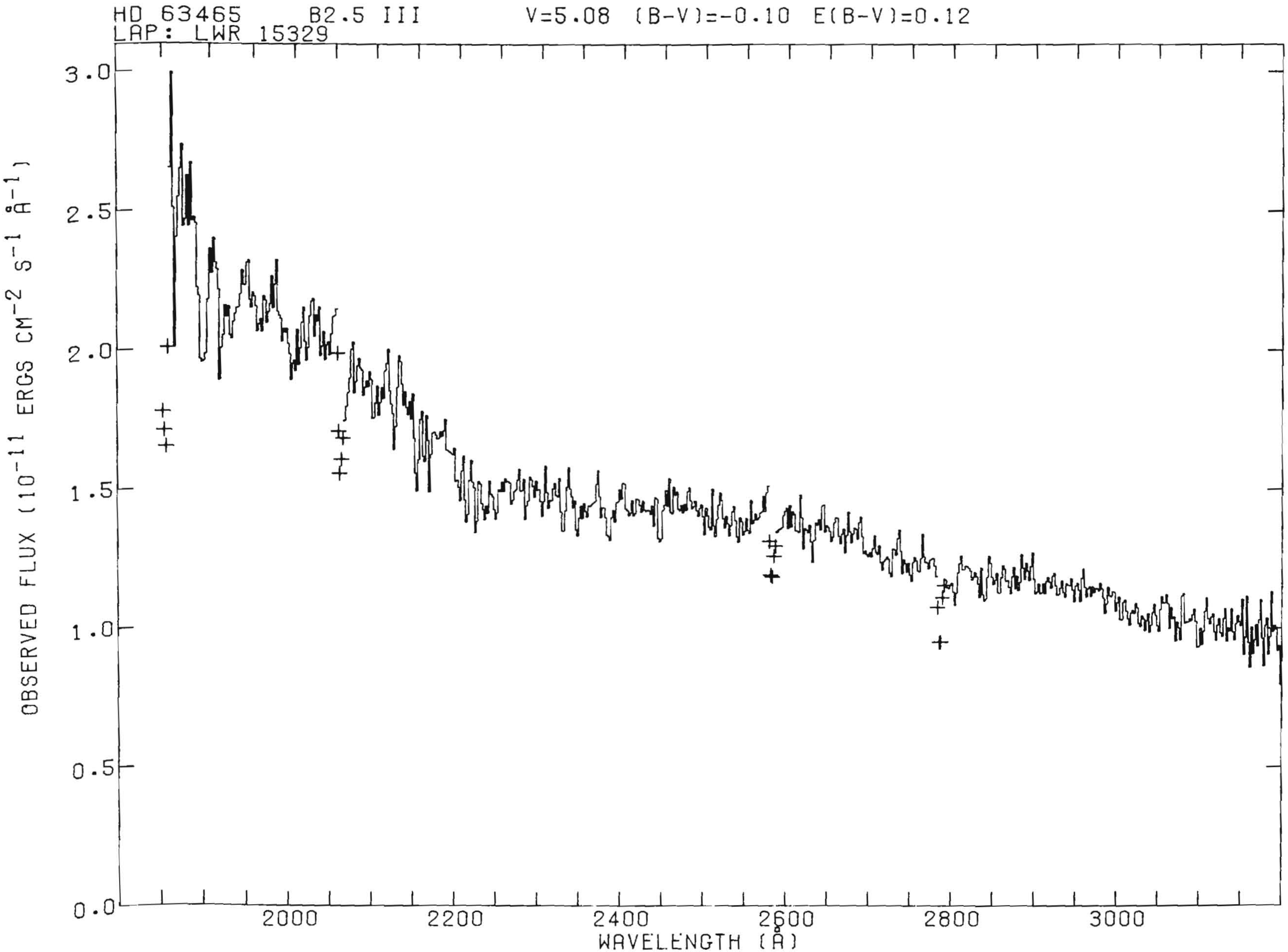
HD 61831 B2.5 V V=4.84 (B-V)=-0.20 E(B-V)=0.02
LAP: SWP 14309
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1200
1400
1600
1800

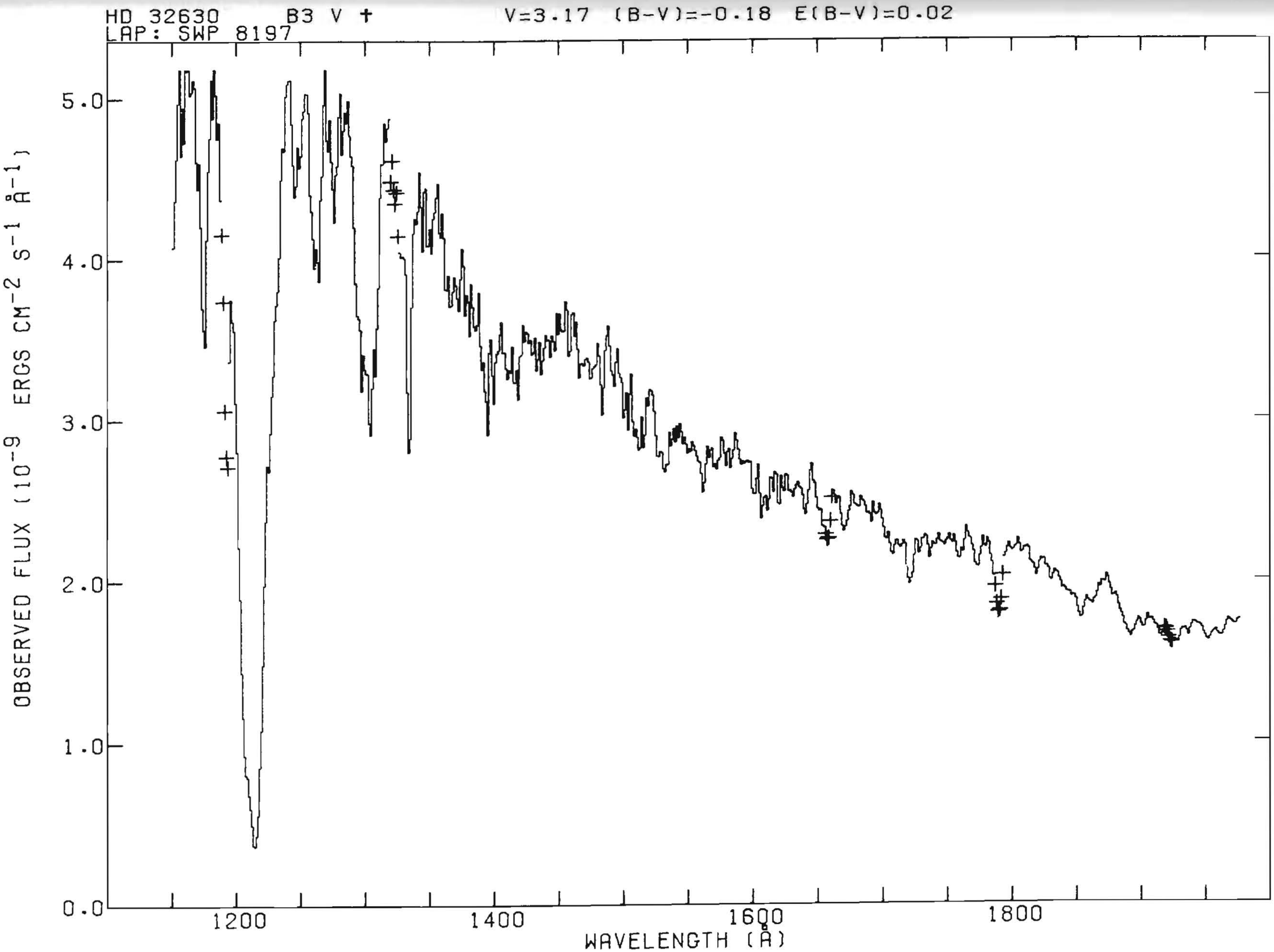

HD 61831 B2.5 V V=4.84 (B-V)=-0.20 E(B-V)=0.02
LAP: LWR 10940
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} Å^{-1})
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

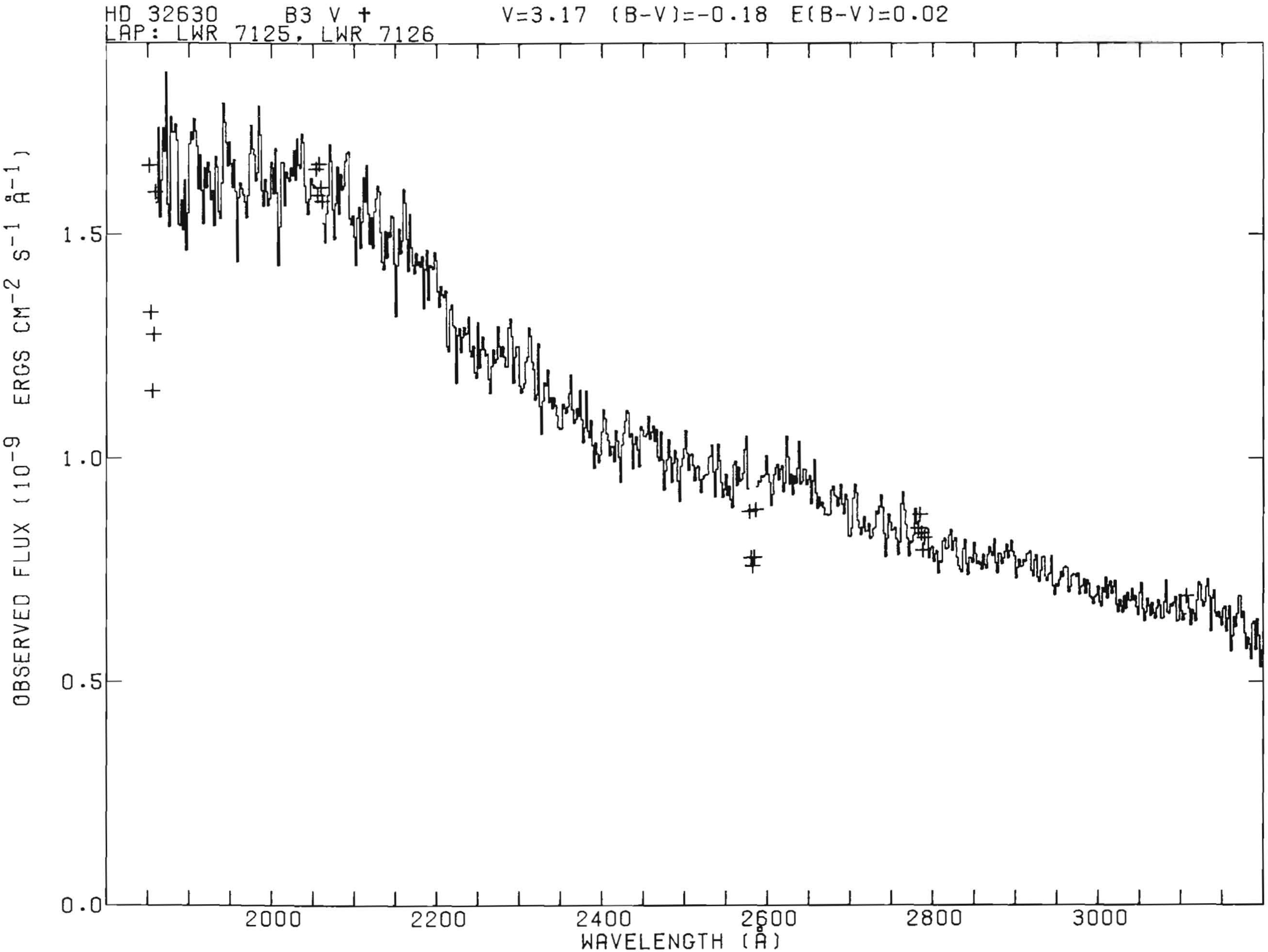

HD 32612 B2.5 IV V=6.41 (B-V)=-0.18 E(B-V)=0.04
LAP: SWP 19500
OBSERVED FLUX (10⁻¹⁰ ERGS CM⁻² S⁻¹ Å⁻¹)
0.0
1.0
2.0
3.0
4.0
1200
1400
1600
1800
WAVELENGTH (Å)

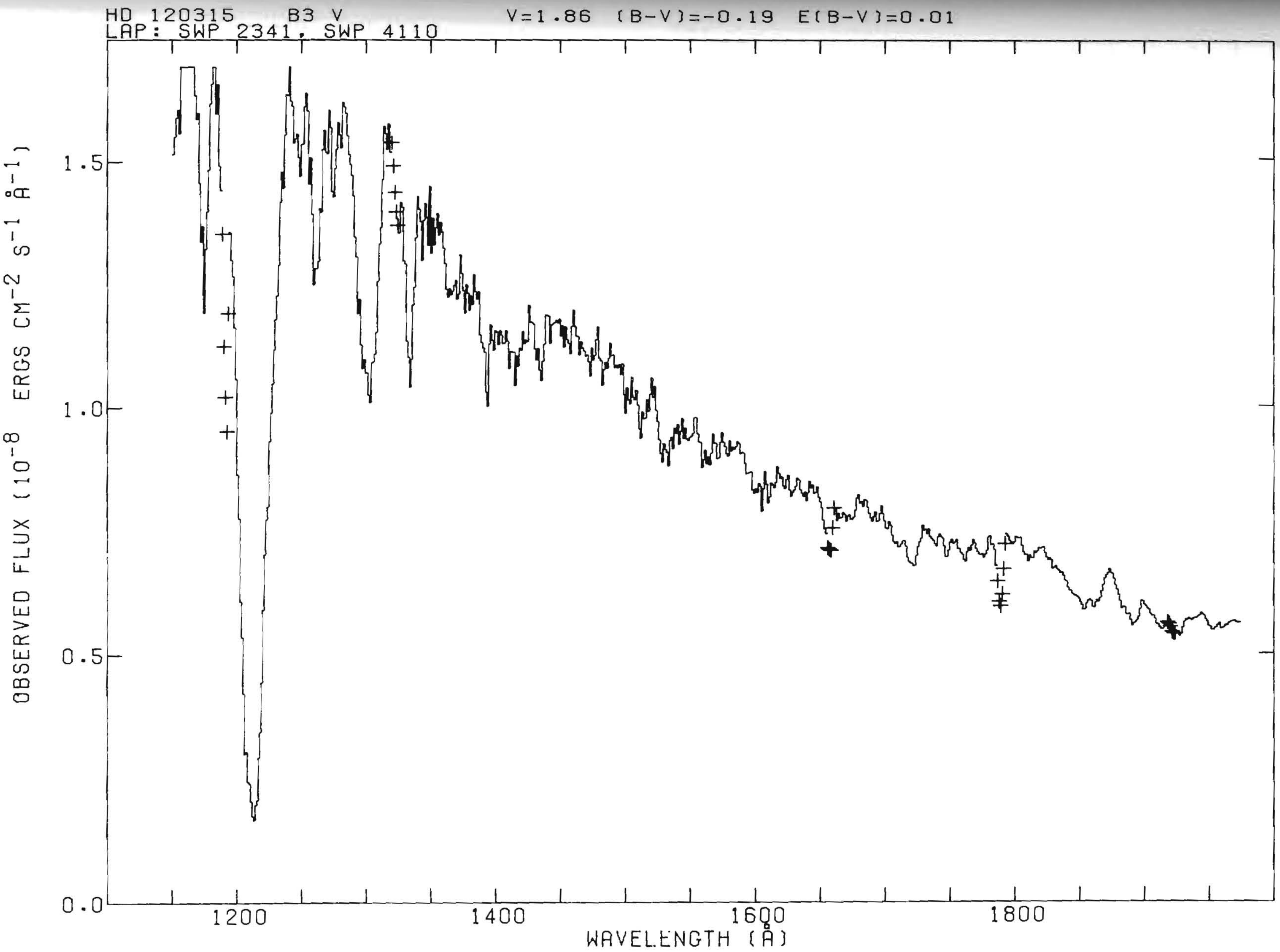

HD 32612 B2.5 IV V=6.41 (B-V)=-0.18 E(B-V)=0.04
LAP: LWR 15528
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

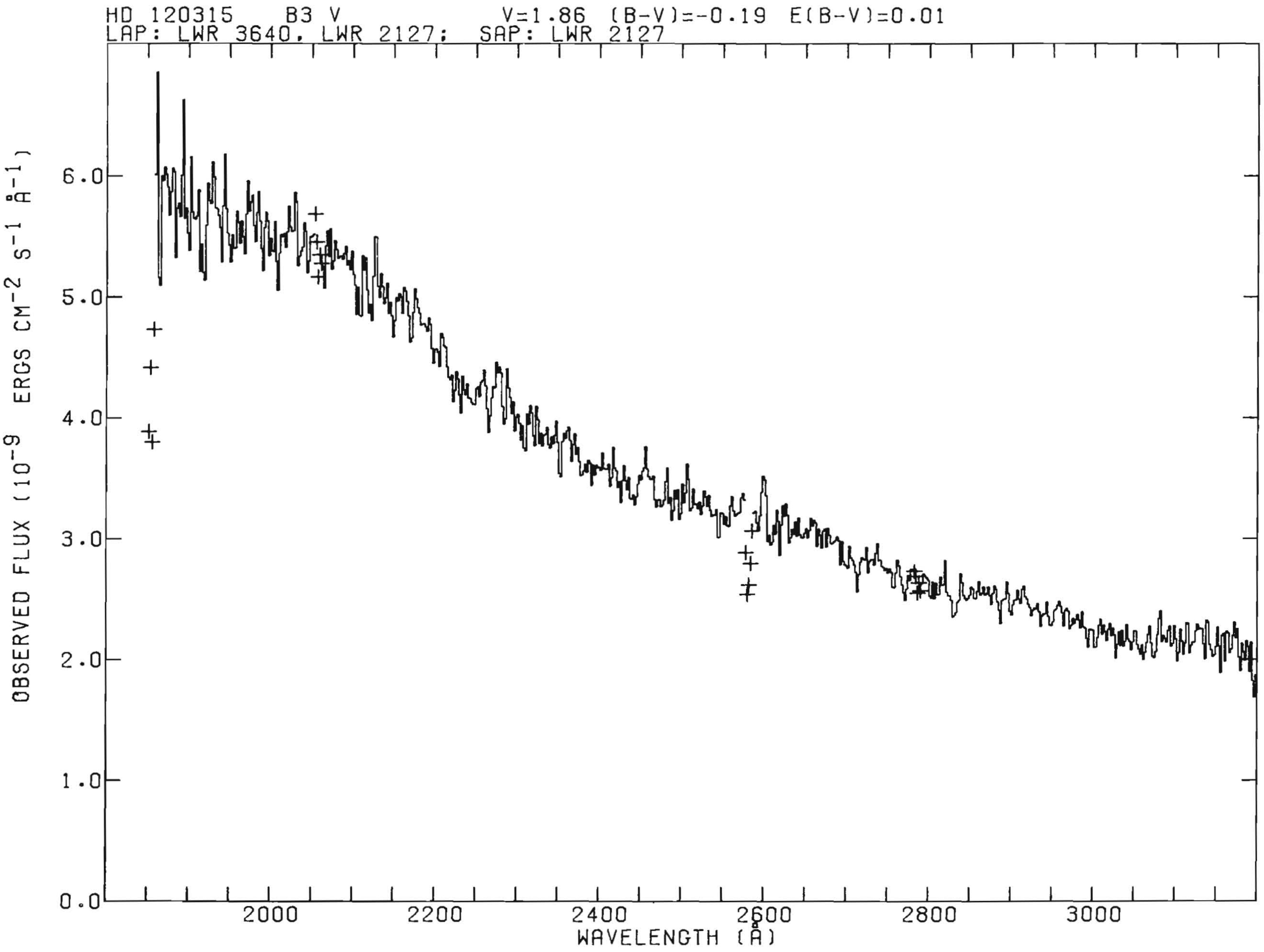

HD 63465 B2.5 III V=5.08 (B-V)=-0.10 E(B-V)=0.12
LAP: SWP 19296
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
1.0
2.0
3.0
4.0
5.0
6.0
1200
1400
1600
1800
WAVELENGTH (Å)


HD 63465 B2.5 III V=5.08 (B-V)=-0.10 E(B-V)=0.12
LAP: LWR 15329
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

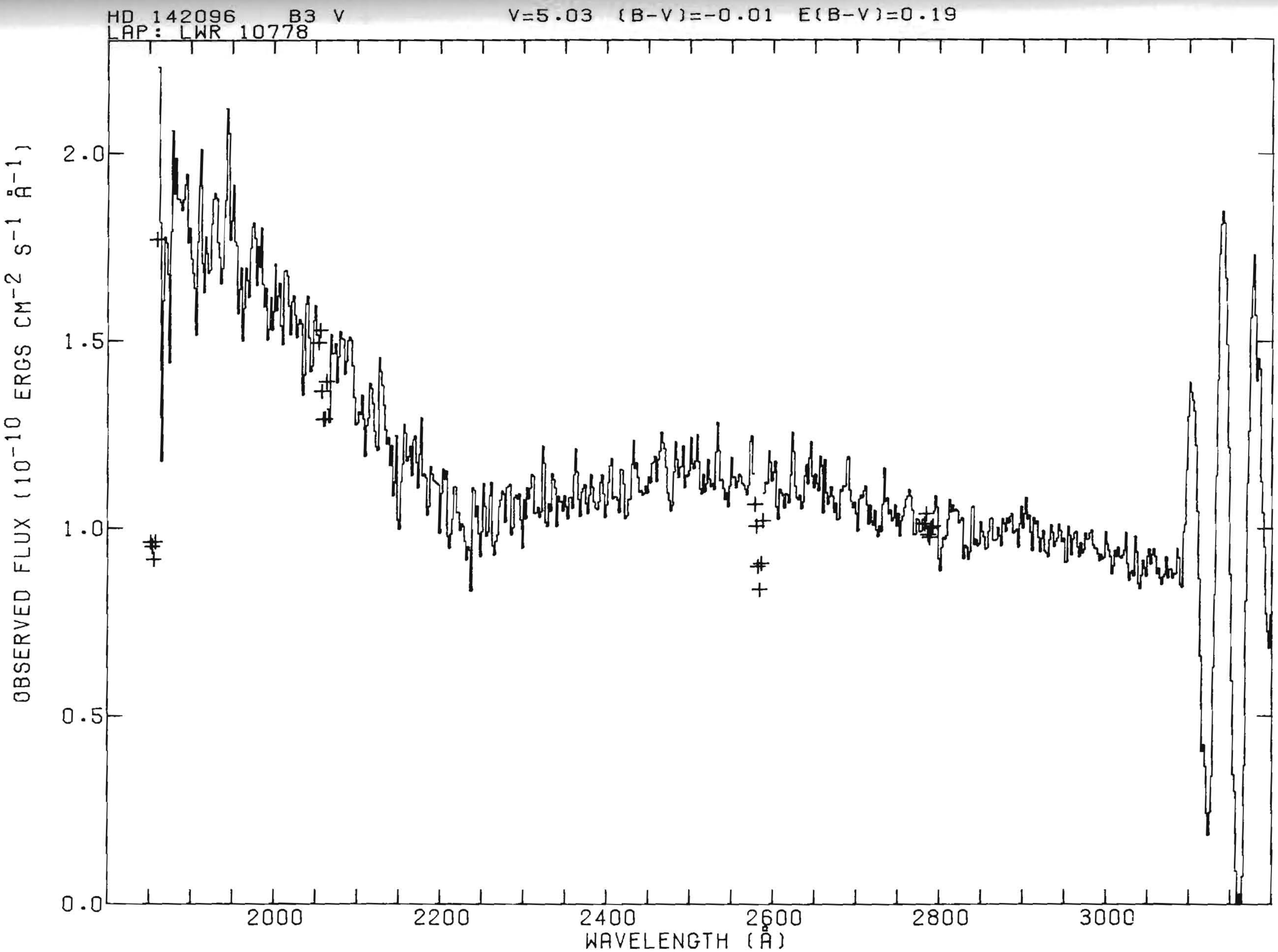

HD 32630 B3 V +
V=3.17 (B-V)=-0.18 E(B-V)=0.02
LAP: SWP 8197
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
5.0
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

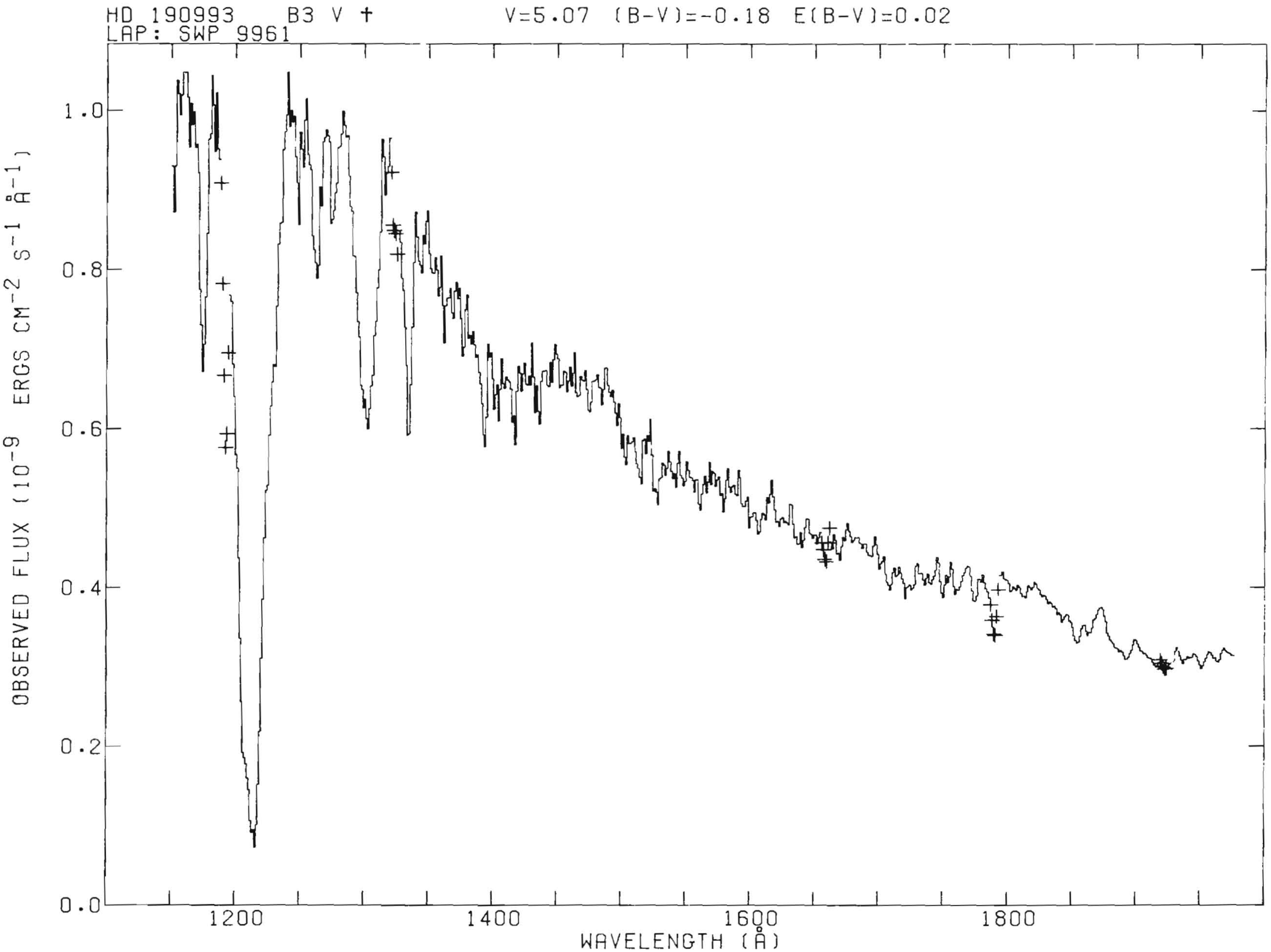

HD 32630 B3 V + V=3.17 (B-V)=-0.18 E(B-V)=0.02
LAP: LWR 7125, LWR 7126
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

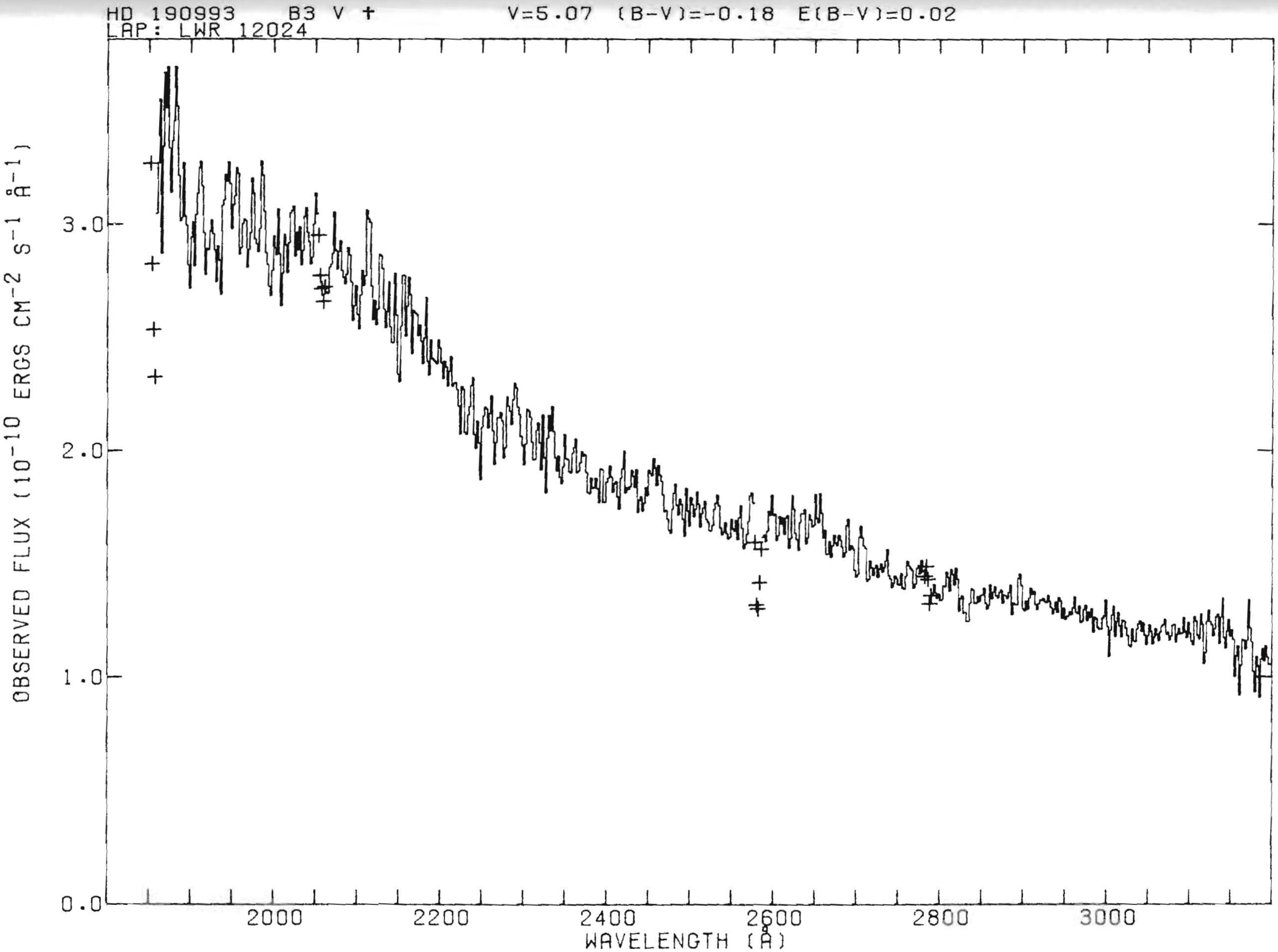

HD 120315 B3 V V=1.86 (B-V)=-0.19 E(B-V)=0.01
LAP: SWP 2341, SWP 4110
OBSERVED FLUX (10^{-8} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
1200
1400
1600
1800
WAVELENGTH (Å)



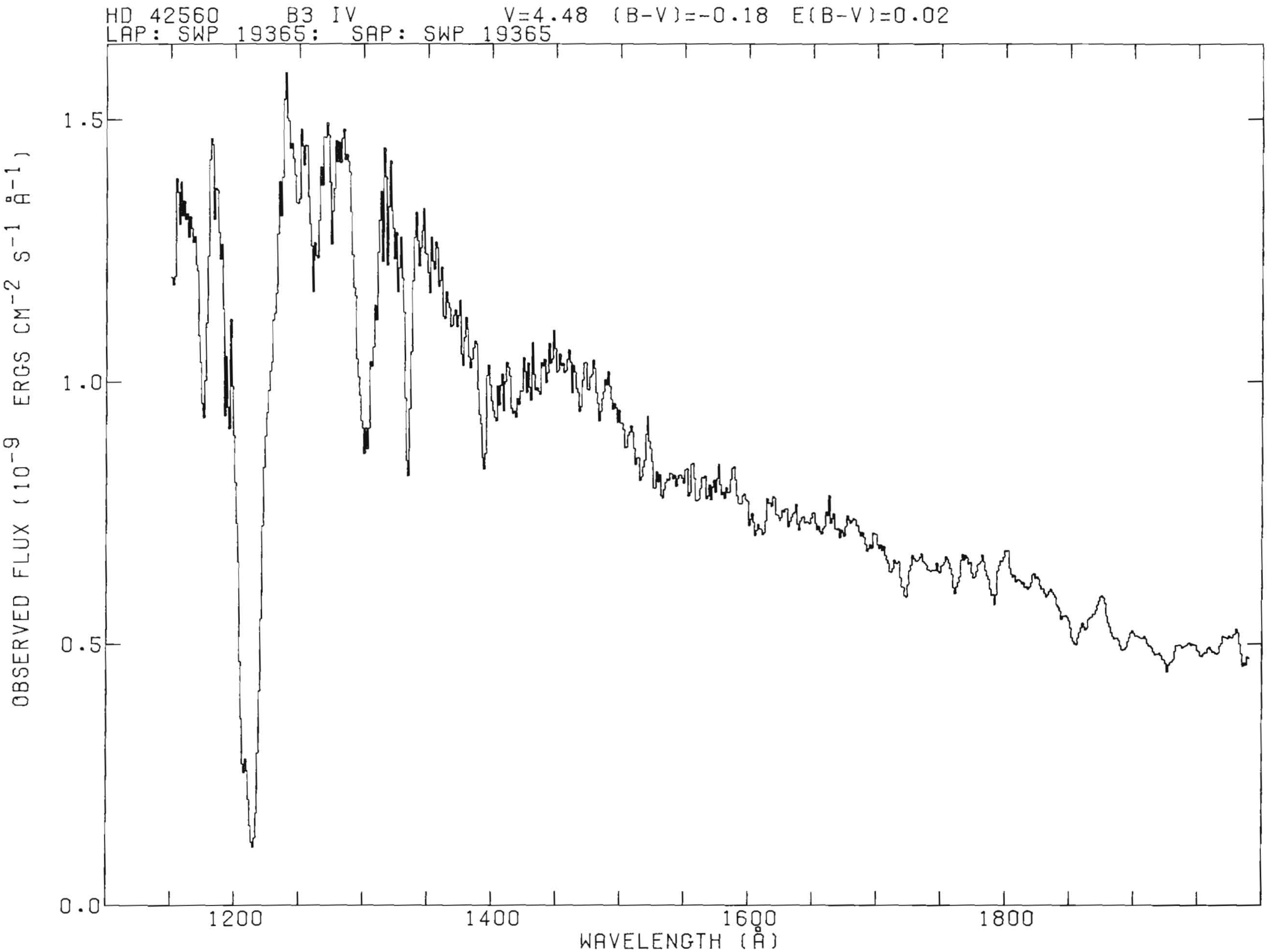
HD 120315 B3 V V=1.86 (B-V)=-0.19 E(B-V)=0.01
LAP: LWR 3640, LWR 2127; SAP: LWR 2127
OBSERVED FLUX (10^-9 ERGS CM^-2 S^-1 Å^-1)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 142096 B3 V V=5.03 (B-V)=-0.01 E(B-V)=0.19
LAP: LWR 10778
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
2.0
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

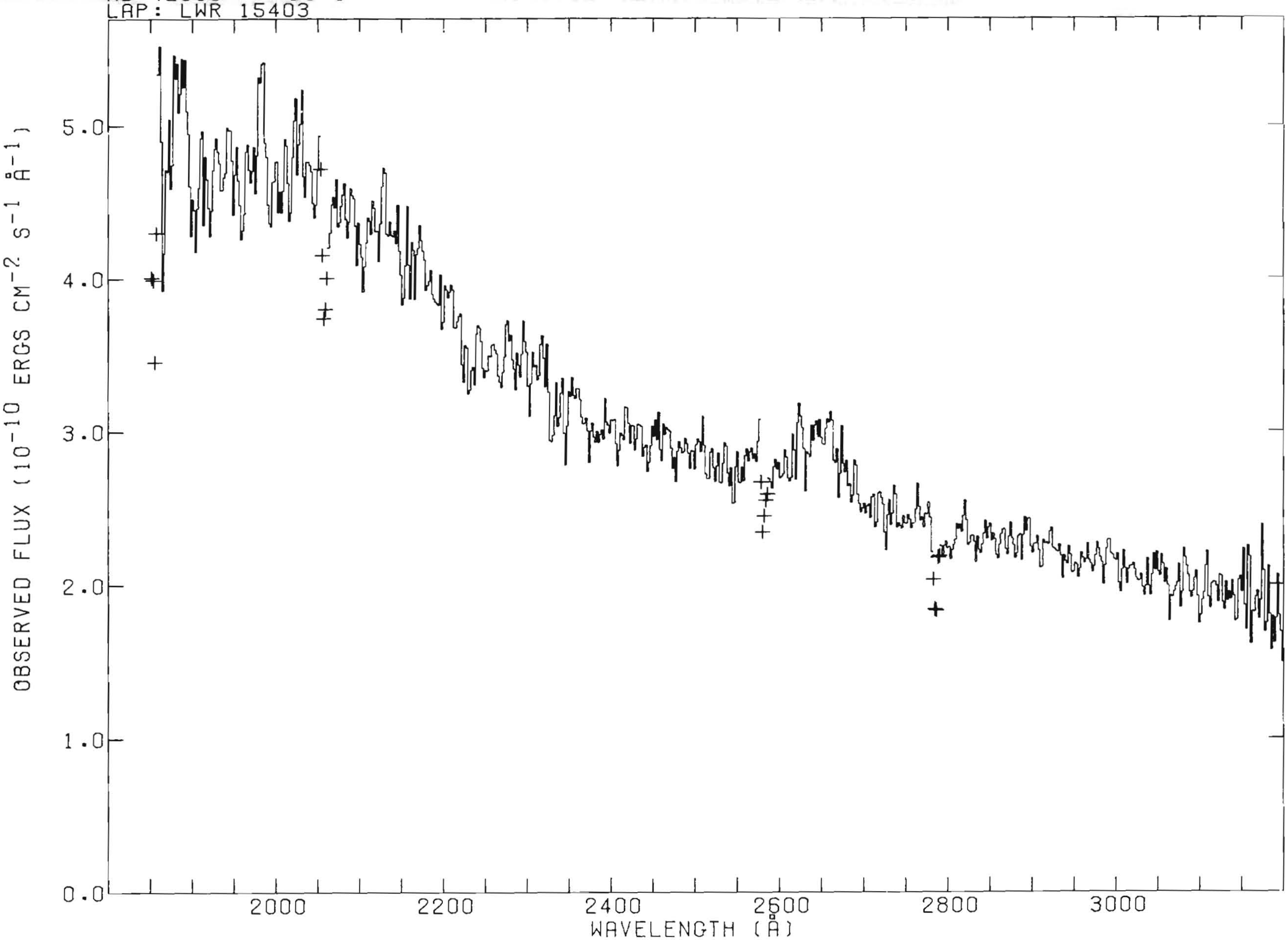

HD 190993 B3 V †
V=5.07 (B-V)=-0.18 E(B-V)=0.02
LAP: SWP 9961
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
0.2
0.4
0.6
0.8
1.0
1200
1400
1600
1800

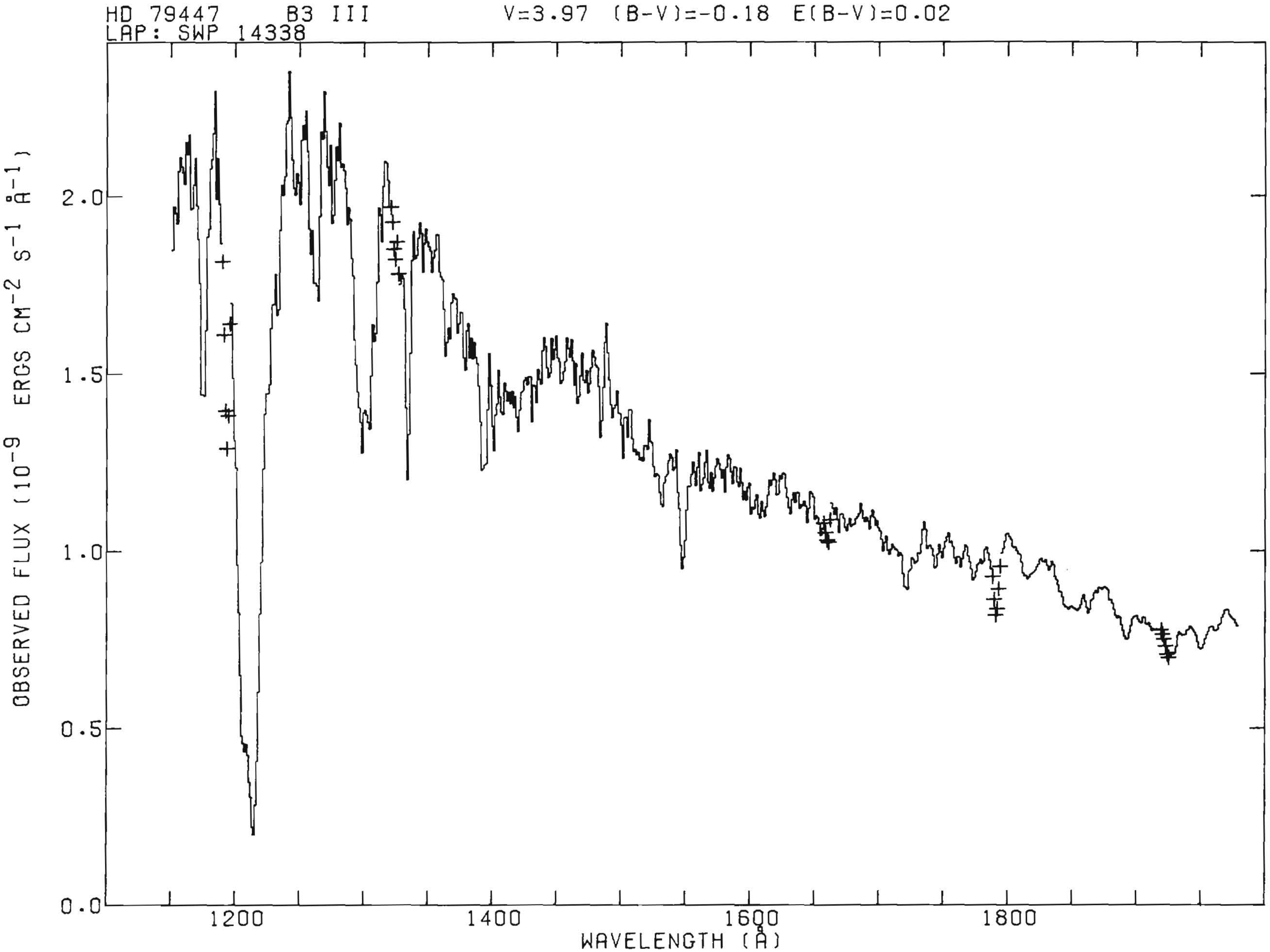


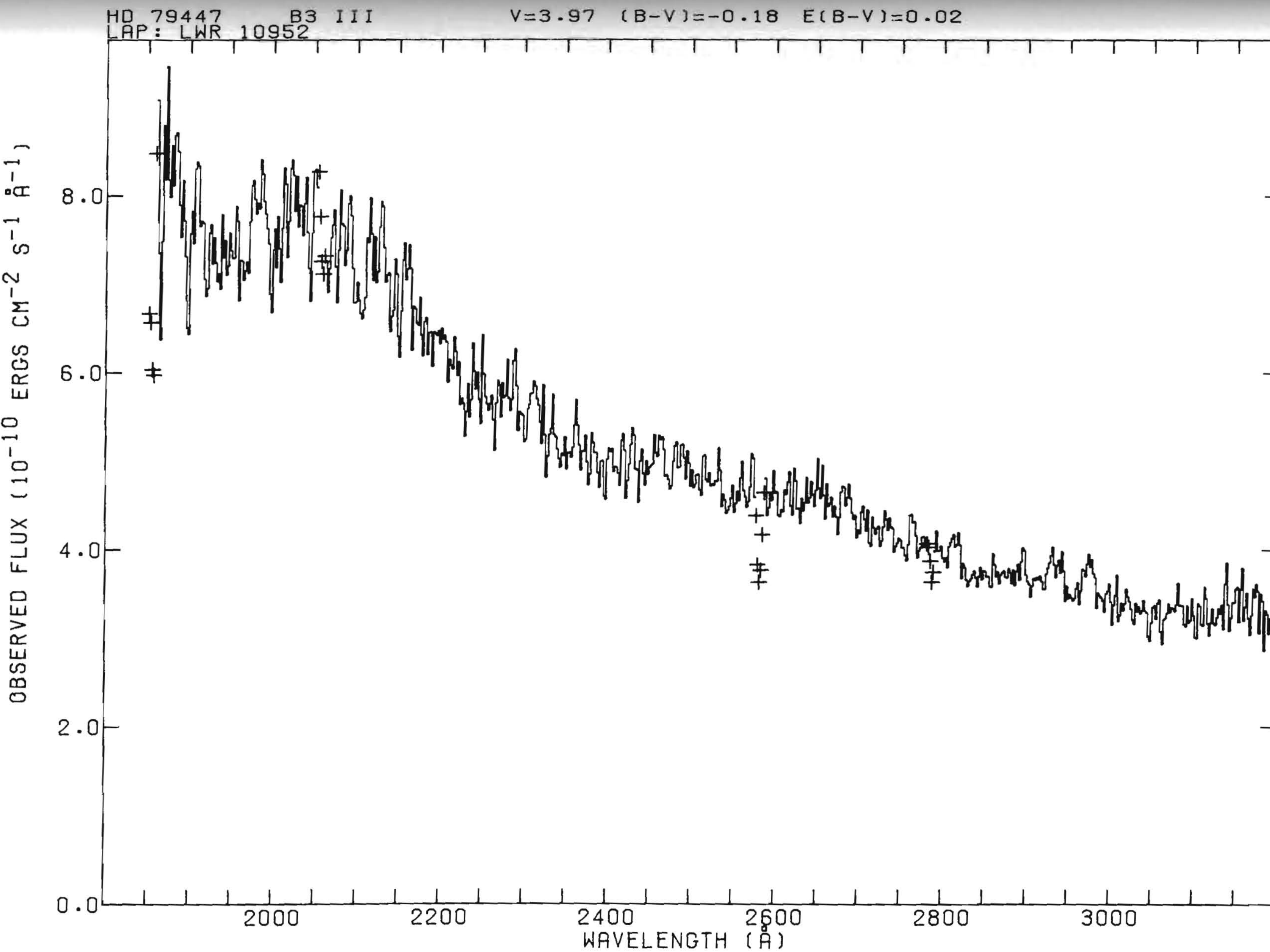
HD 190993 B3 V + V=5.07 (B-V)=-0.18 E(B-V)=0.02
LAP: LWR 12024
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} Å^{-1})
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 42560 B3 IV V=4.48 (B-V)=-0.18 E(B-V)=0.02
LAP: SWP 19365: SAP: SWP 19365
OBSERVED FLUX (10^-9 ERGS CM^-2 S^-1 Å^-1)
0.0
0.5
1.0
1.5
1200
1400
1600
1800
WAVELENGTH (Å)

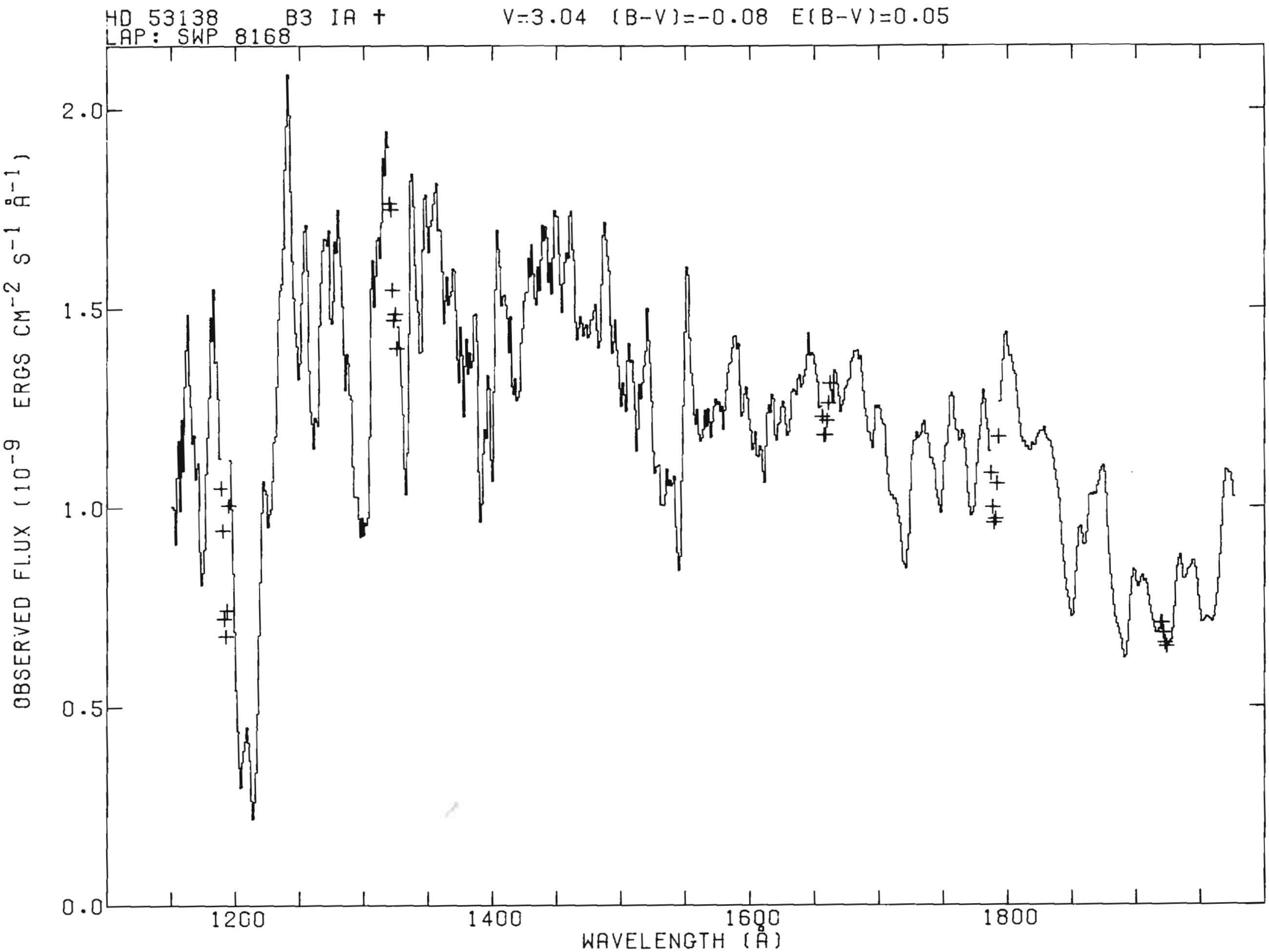
HD 42560 B3 IV V=4.48 (B-V)=-0.18 E(B-V)=0.02
LAP: LWR 15403

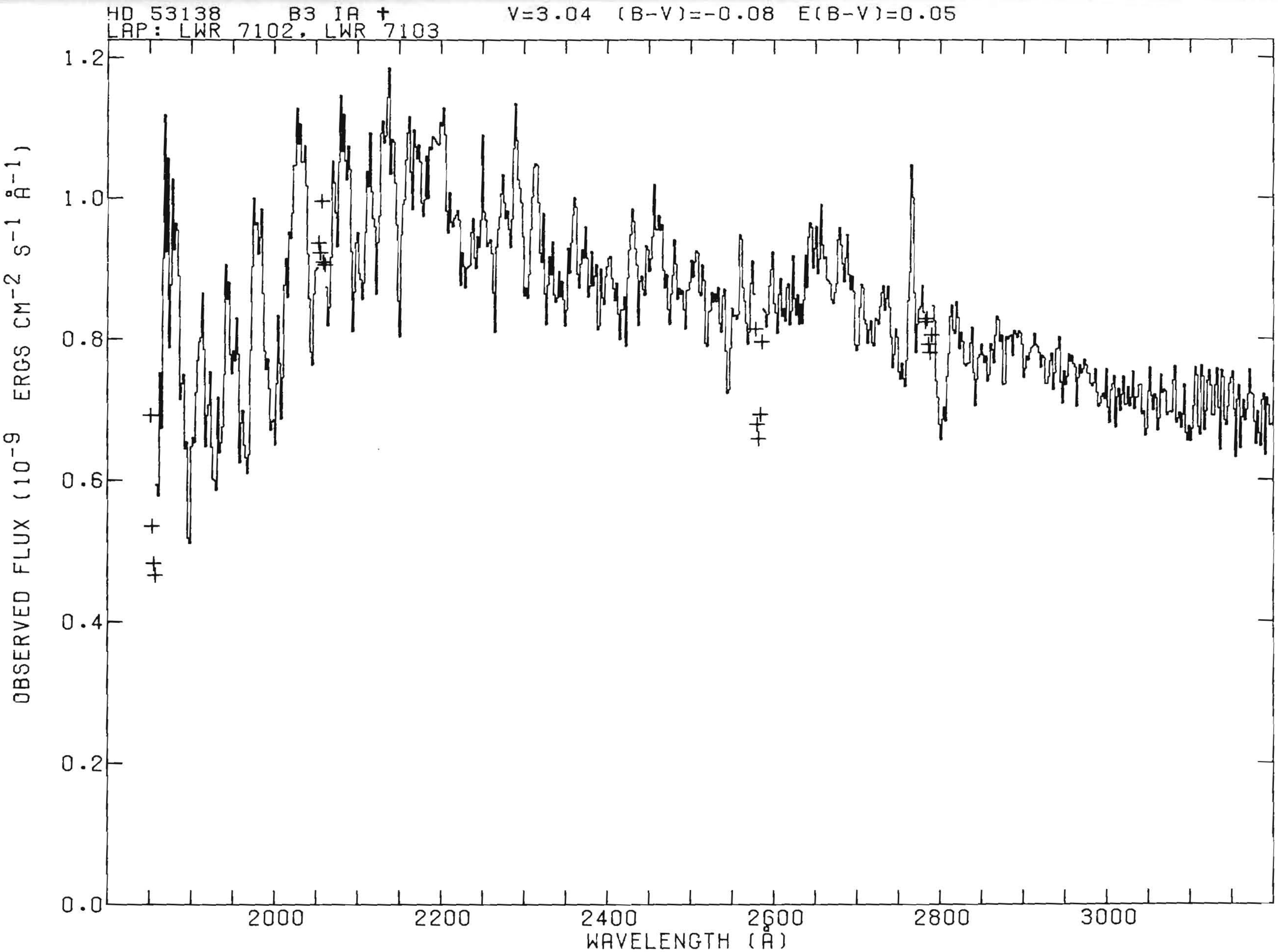


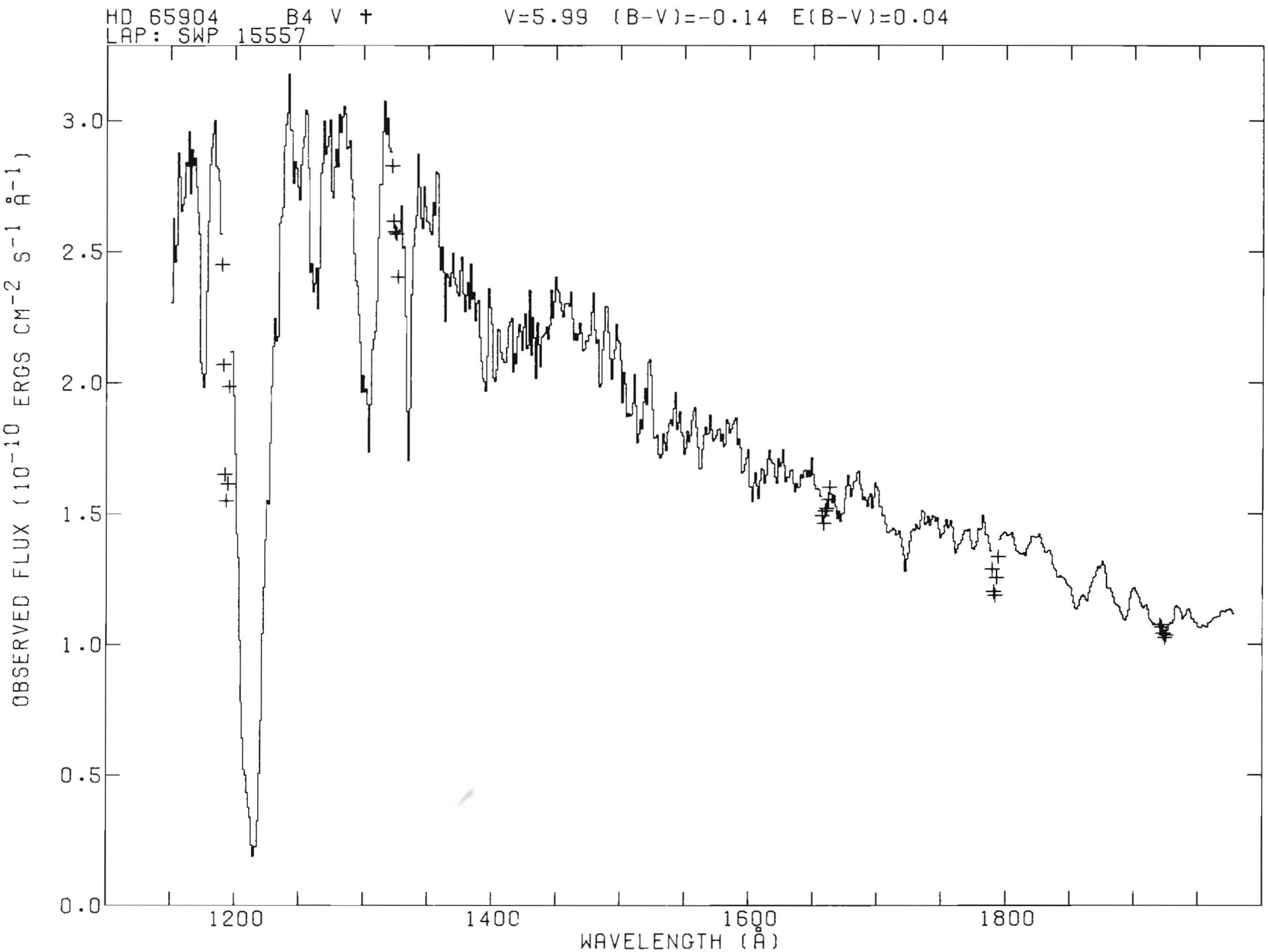

HD 79447 B3 III V=3.97 (B-V)=-0.18 E(B-V)=0.02
LAP: SWP 14338
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
2.0
1200
1400
1600
1800
WAVELENGTH (Å)



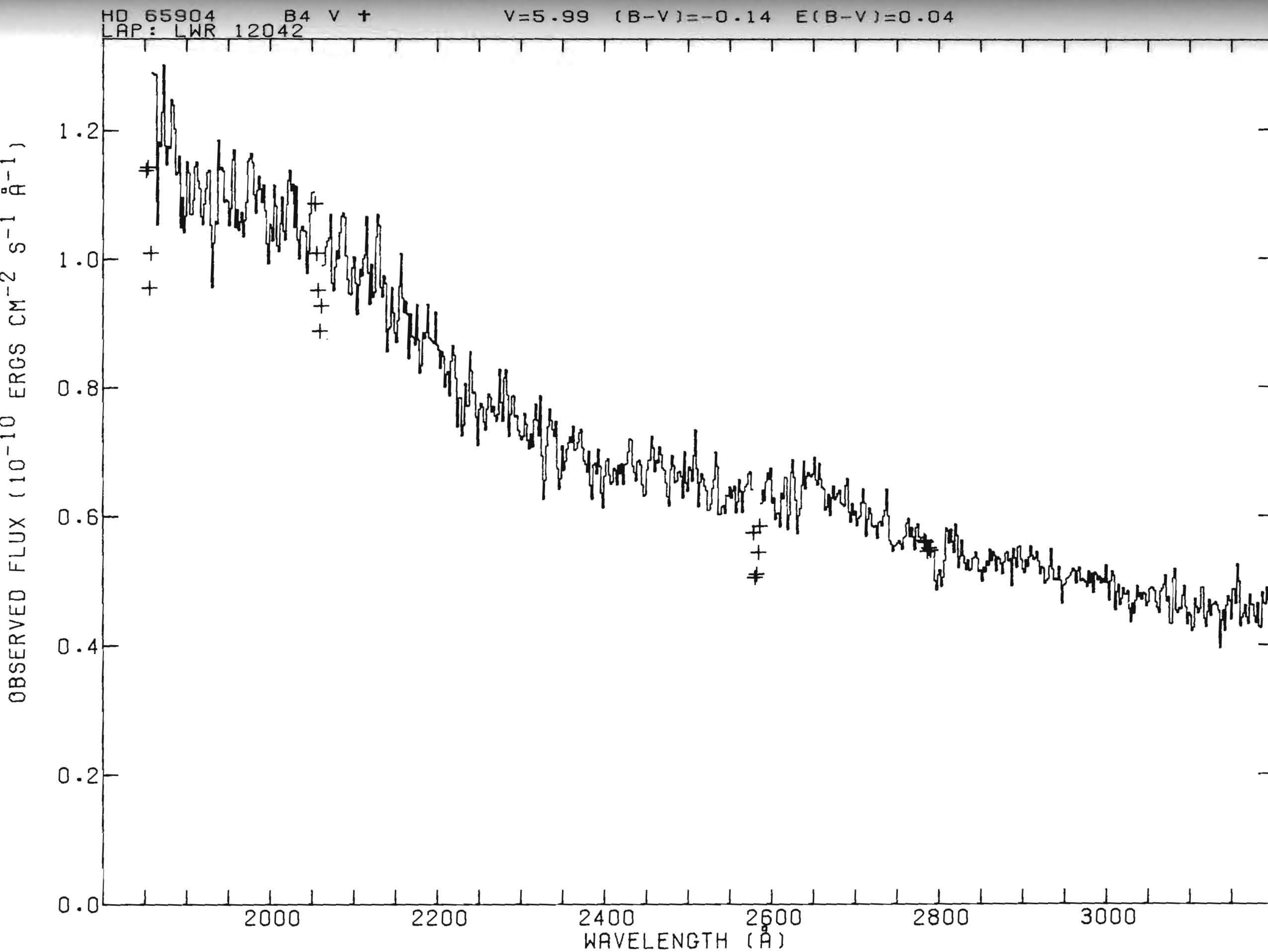
HD 79447 B3 III V=3.97 (B-V)=-0.18 E(B-V)=0.02
LAP: LWR 10952
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
2.0
4.0
6.0
8.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 53138 B3 IA +
V=3.04 (B-V)=-0.08 E(B-V)=0.05
LAP: SWP 8168
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
2.0
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

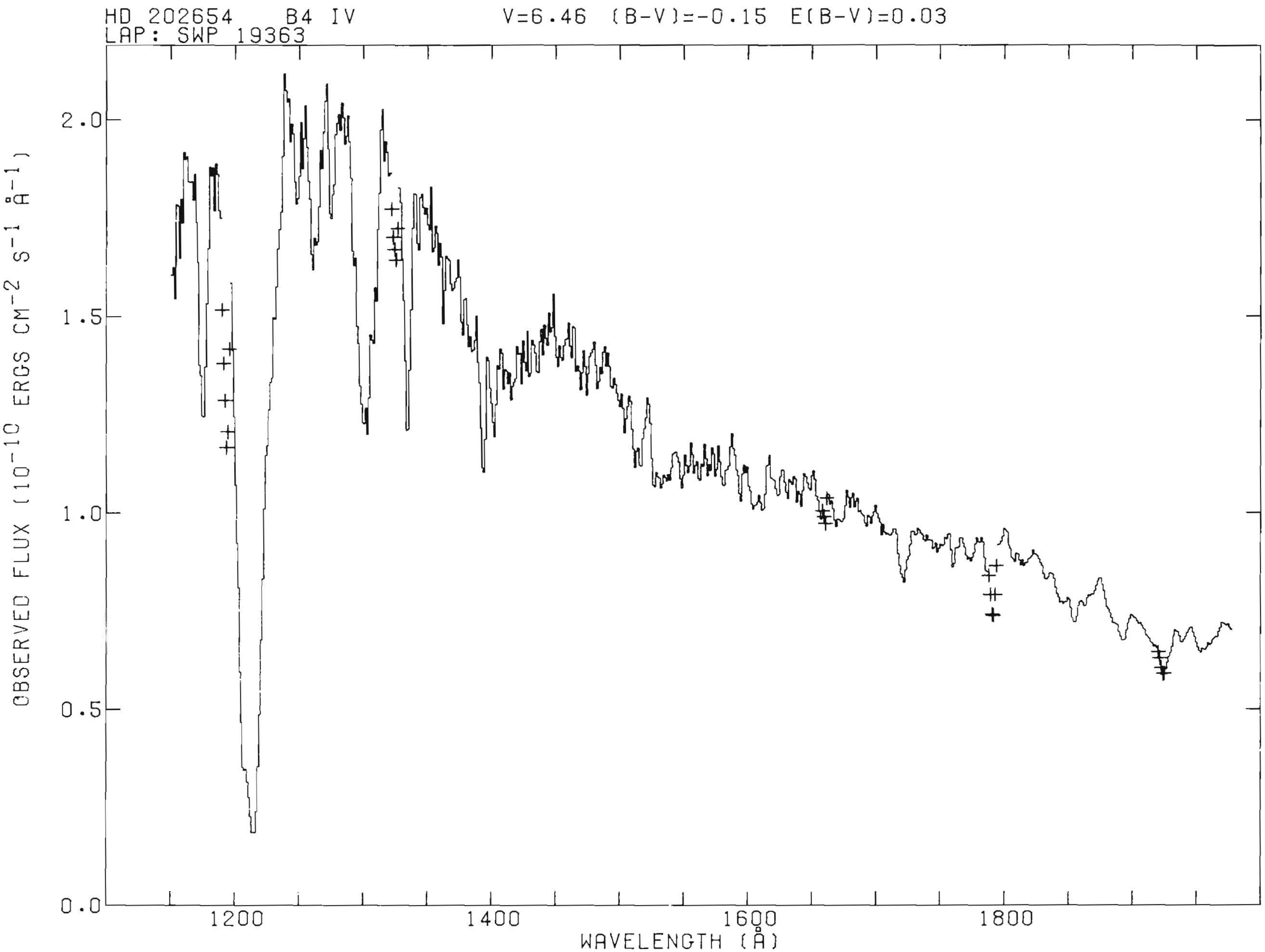

HD 53138 B3 IA + V=3.04 (B-V)=-0.08 E(B-V)=0.05
LAP: LWR 7102, LWR 7103
OBSERVED FLUX (10-9 ERGS CM-2 S-1 Å-1)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)



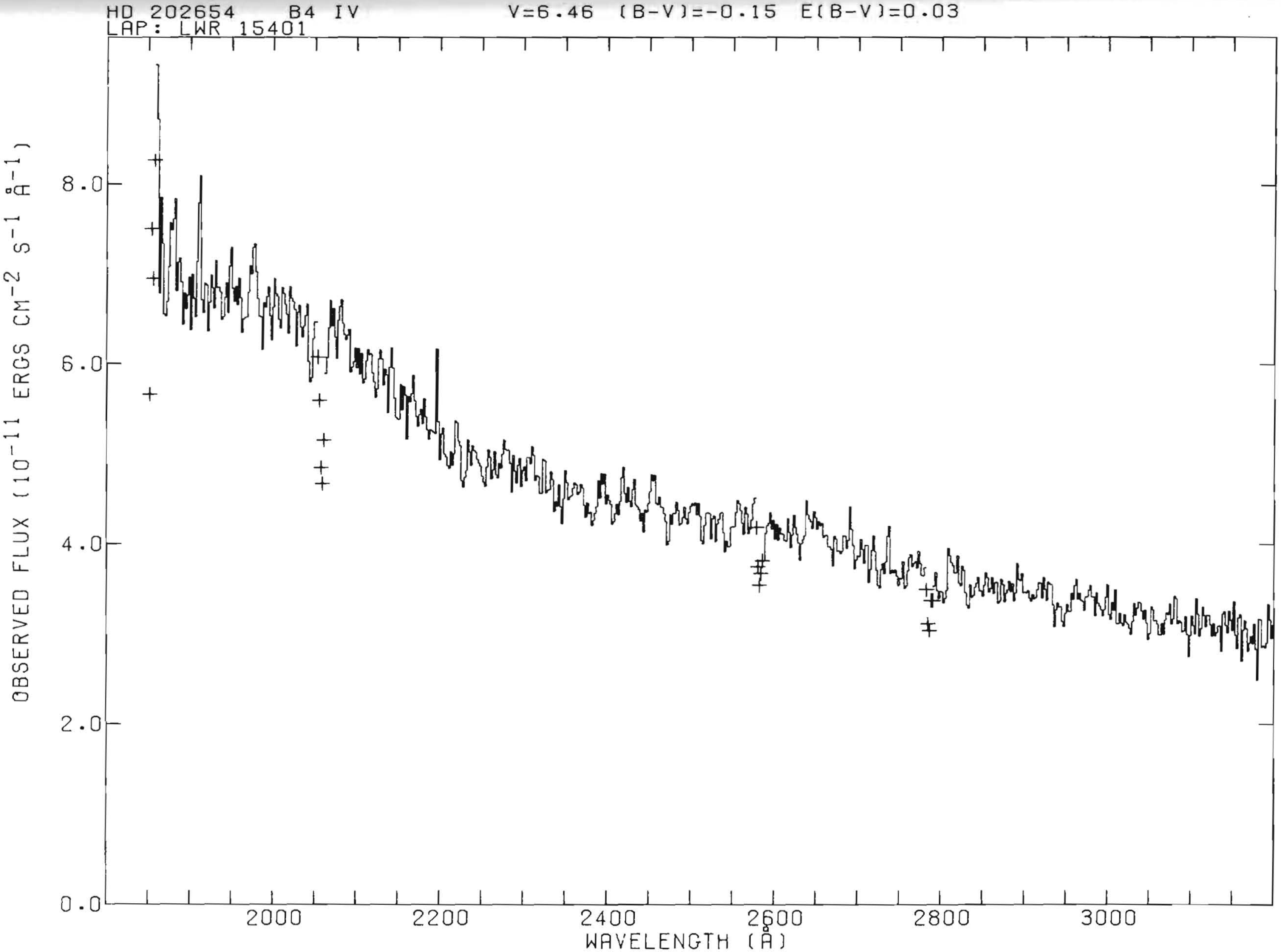
HD 65904 B4 V +
V=5.99 (B-V)=-0.14 E(B-V)=0.04
LAP: SWP 15557
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

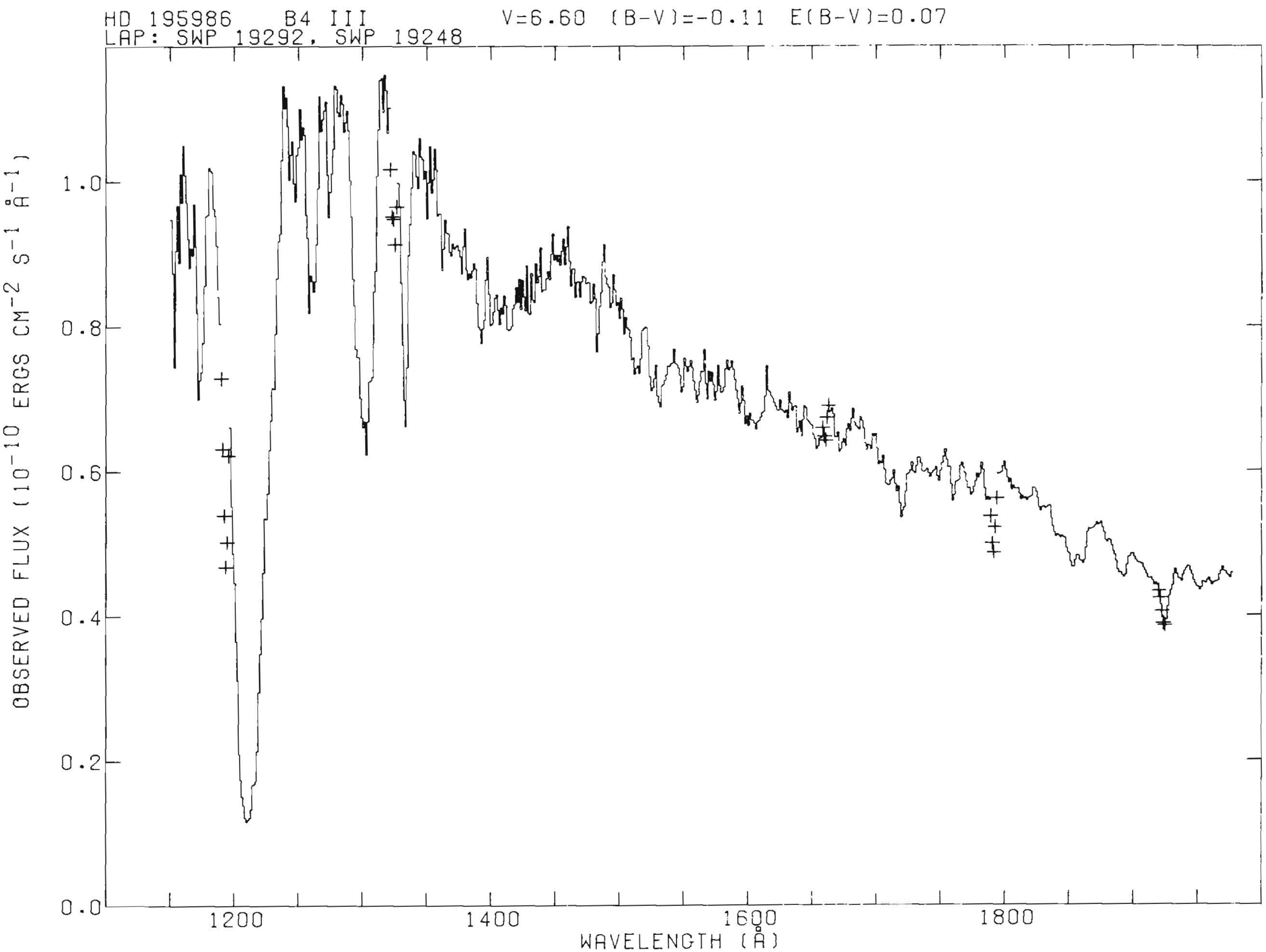


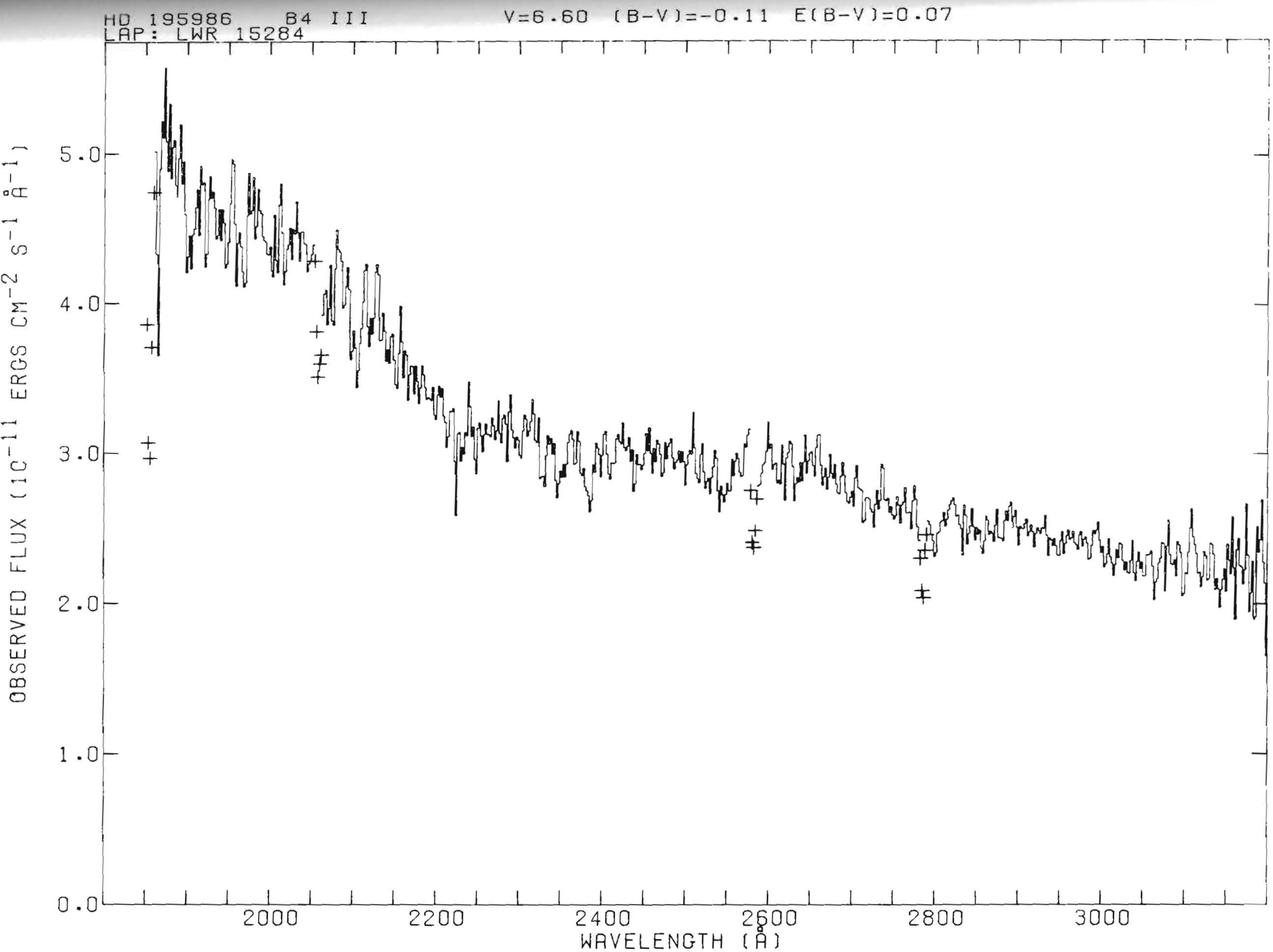
HD 65904 B4 V + V=5.99 (B-V)=-0.14 E(B-V)=0.04
LAP: LWR 12042
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} Å^{-1})
0.0
0.2
0.4
0.6
0.8
1.0
1.2
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

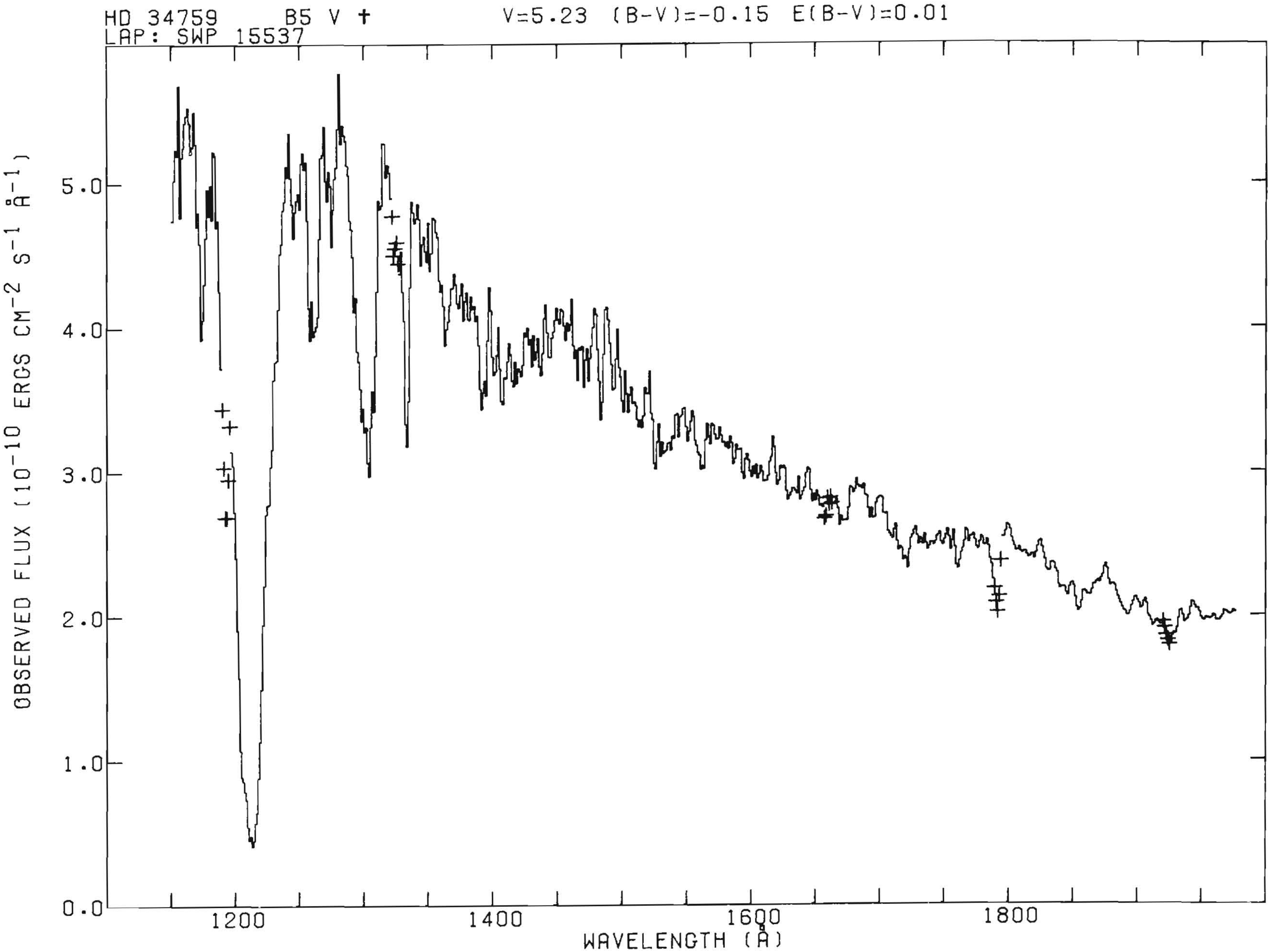


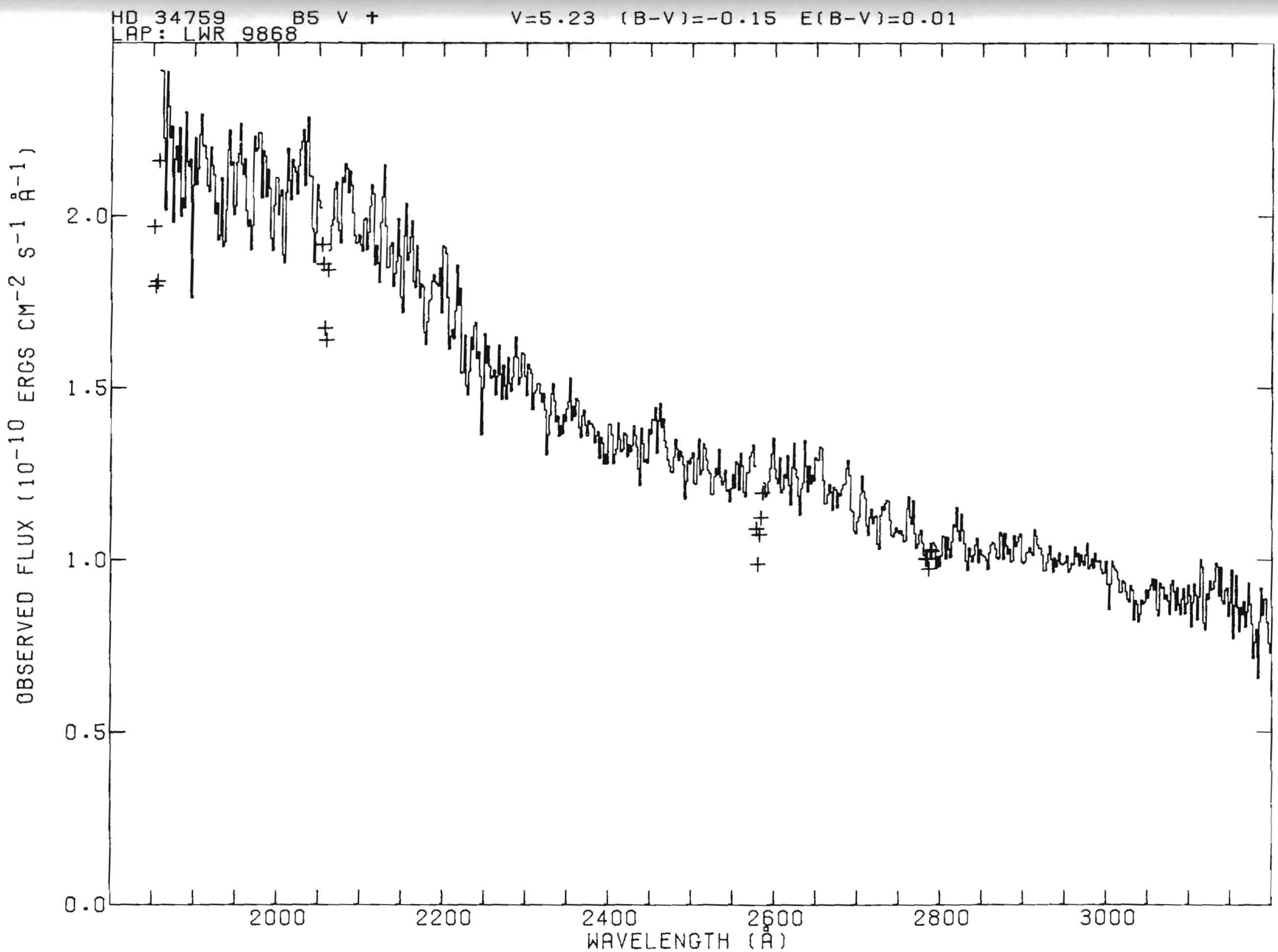
HD 202654 B4 IV V=6.46 (B-V)=-0.15 E(B-V)=0.03
LAP: SWP 19363
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
0.5
1.0
1.5
2.0
1200
1400
1600
1800


HD 202654 B4 IV V=6.46 (B-V)=-0.15 E(B-V)=0.03
LAP: LWR 15401
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} Å^{-1})
8.0
6.0
4.0
2.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

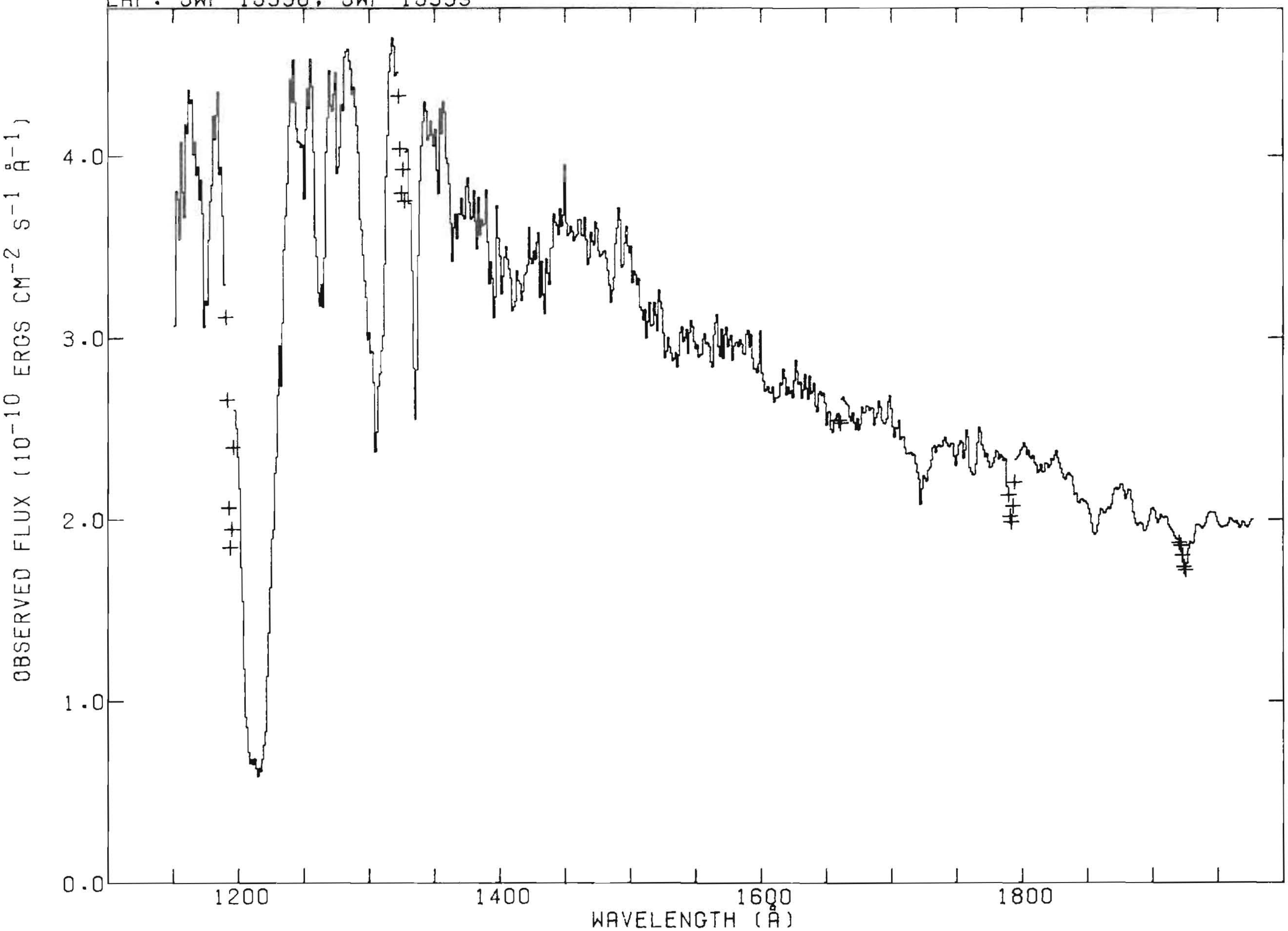

HD 195986 B4 III V=6.60 (B-V)=-0.11 E(B-V)=0.07
LAP: SWP 19292, SWP 19248
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.0
0.8
0.6
0.4
0.2
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

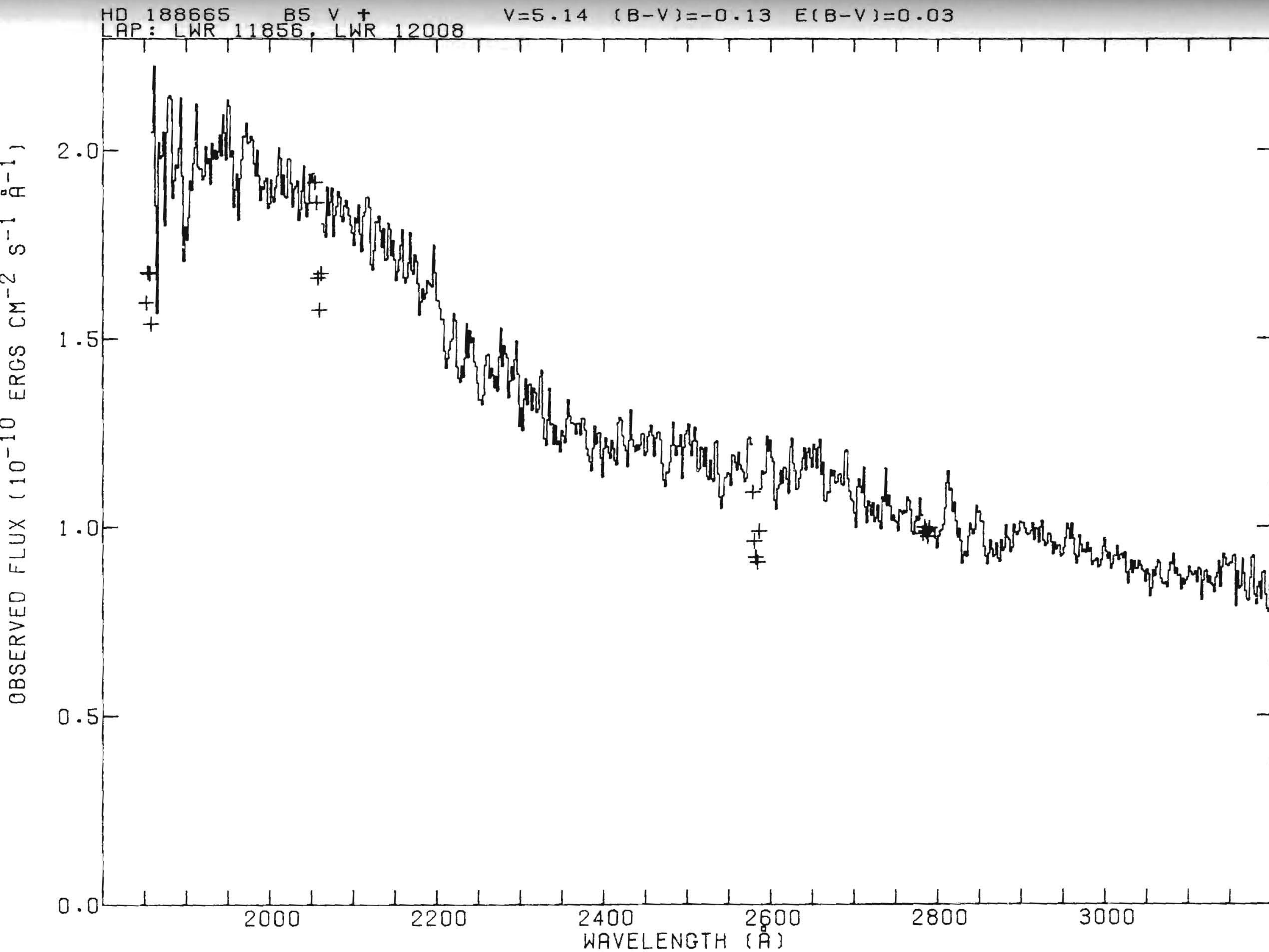

HD 195986 B4 III V=6.60 (B-V)=-0.11 E(B-V)=0.07
LAP: LWR 15284
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
1.0
2.0
3.0
4.0
5.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

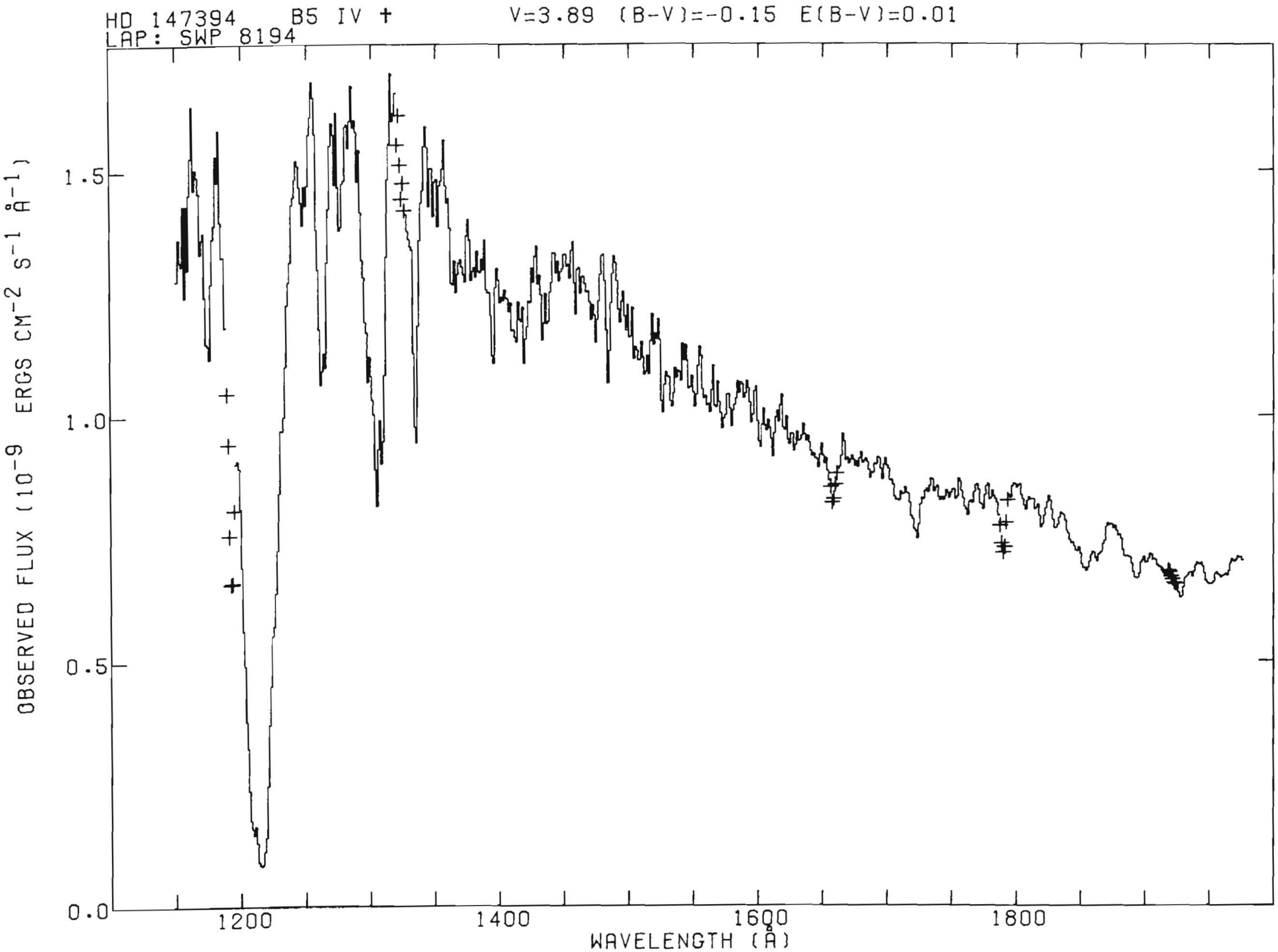

HD 34759 B5 V +
V=5.23 (B-V)=-0.15 E(B-V)=0.01
LAP: SWP 15537
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
5.0
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)


HD 34759 B5 V + V=5.23 (B-V)=-0.15 E(B-V)=0.01
LAP: LWR 9868
OBSERVED FLUX (10^-10 ERGS CM^-2 S^-1 Å^-1)
2.0
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

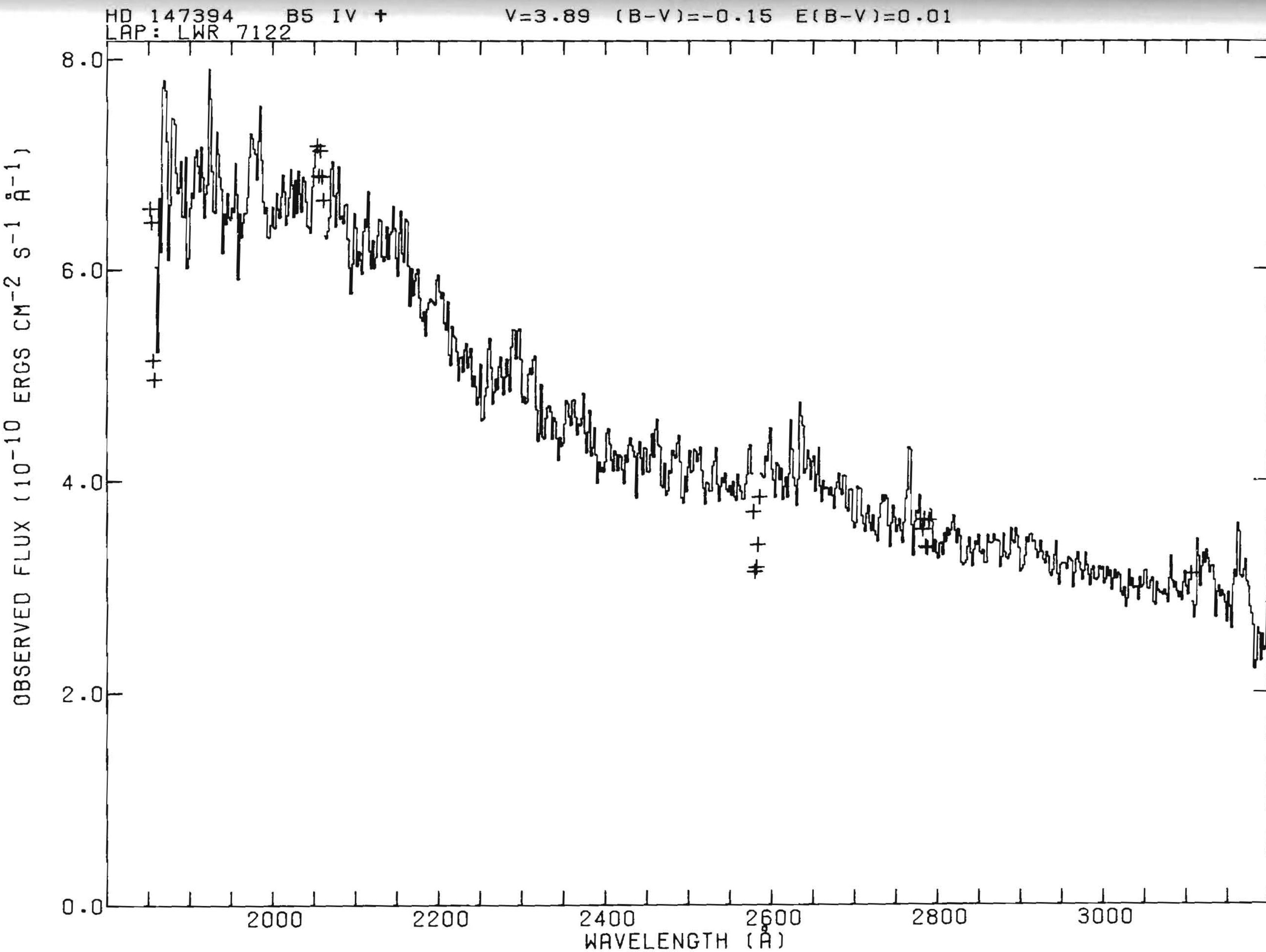
HD 188665   B5 V +   V=5.14 (B-V)=-0.13 E(B-V)=0.03
LAP: SWP 15338, SWP 15339

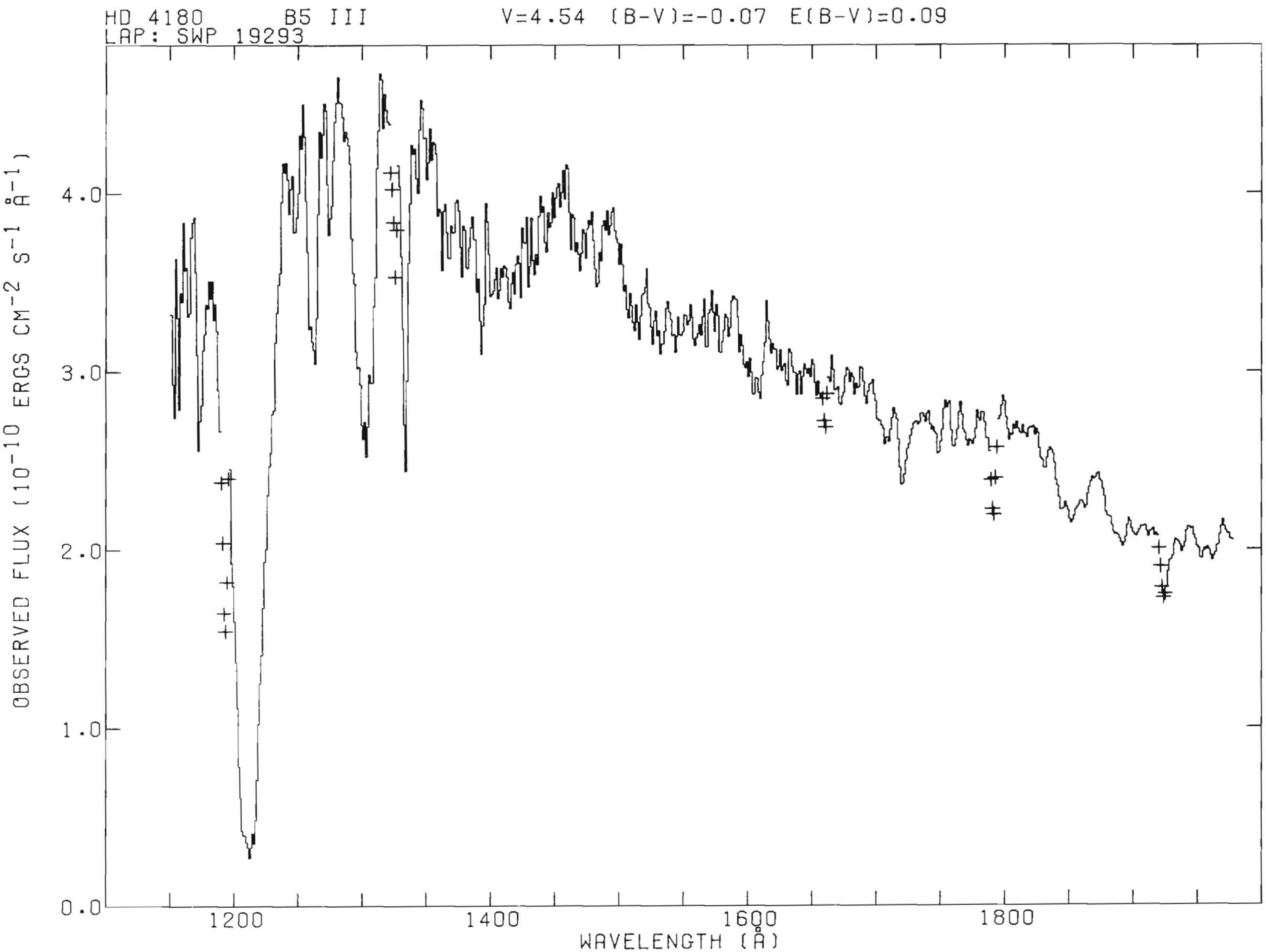


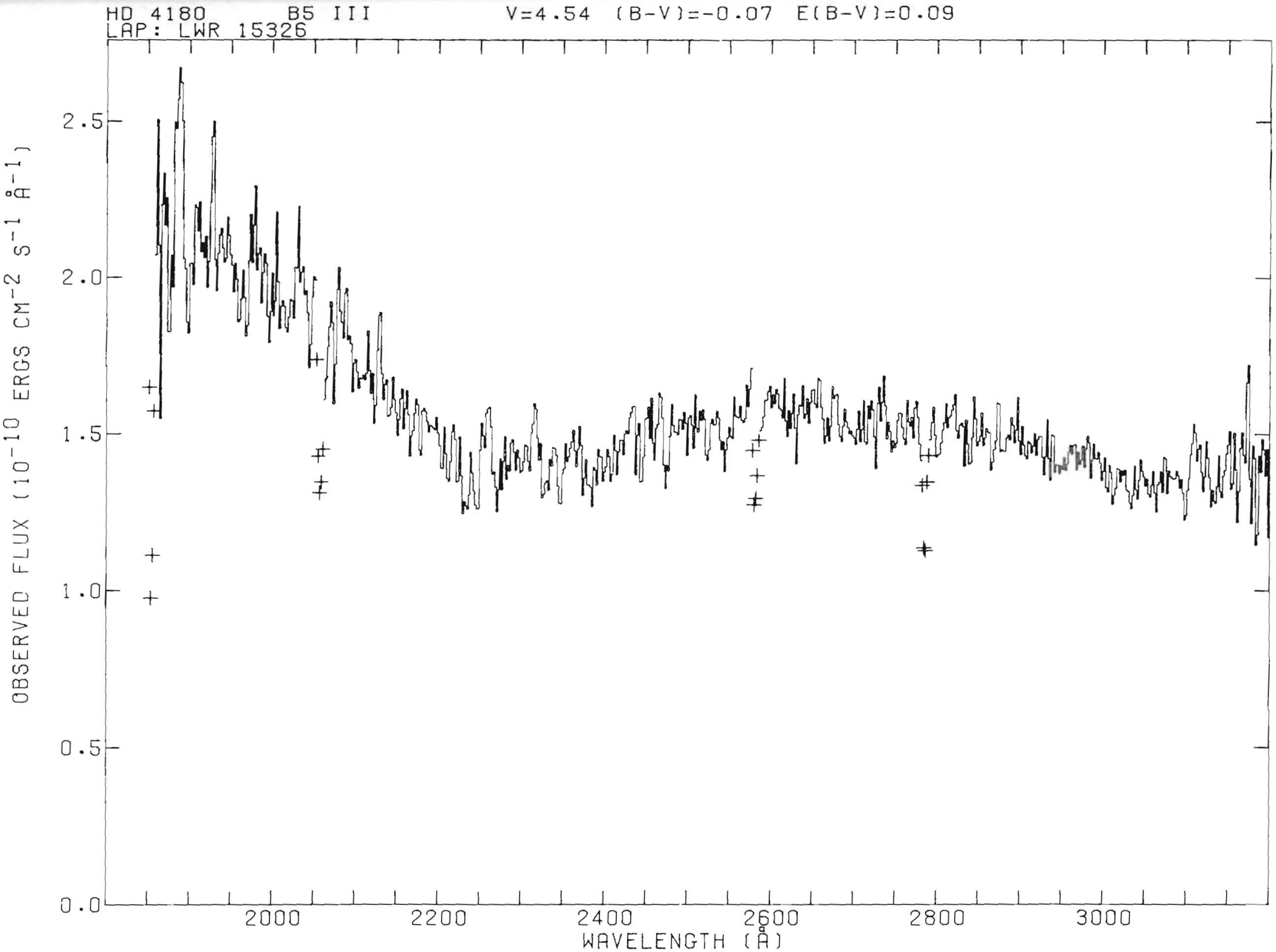

HD 188665 B5 V + V=5.14 (B-V)=-0.13 E(B-V)=0.03
LAP: LWR 11856, LWR 12008
OBSERVED FLUX (10^-10 ERGS CM^-2 S^-1 Å^-1)
2.0
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

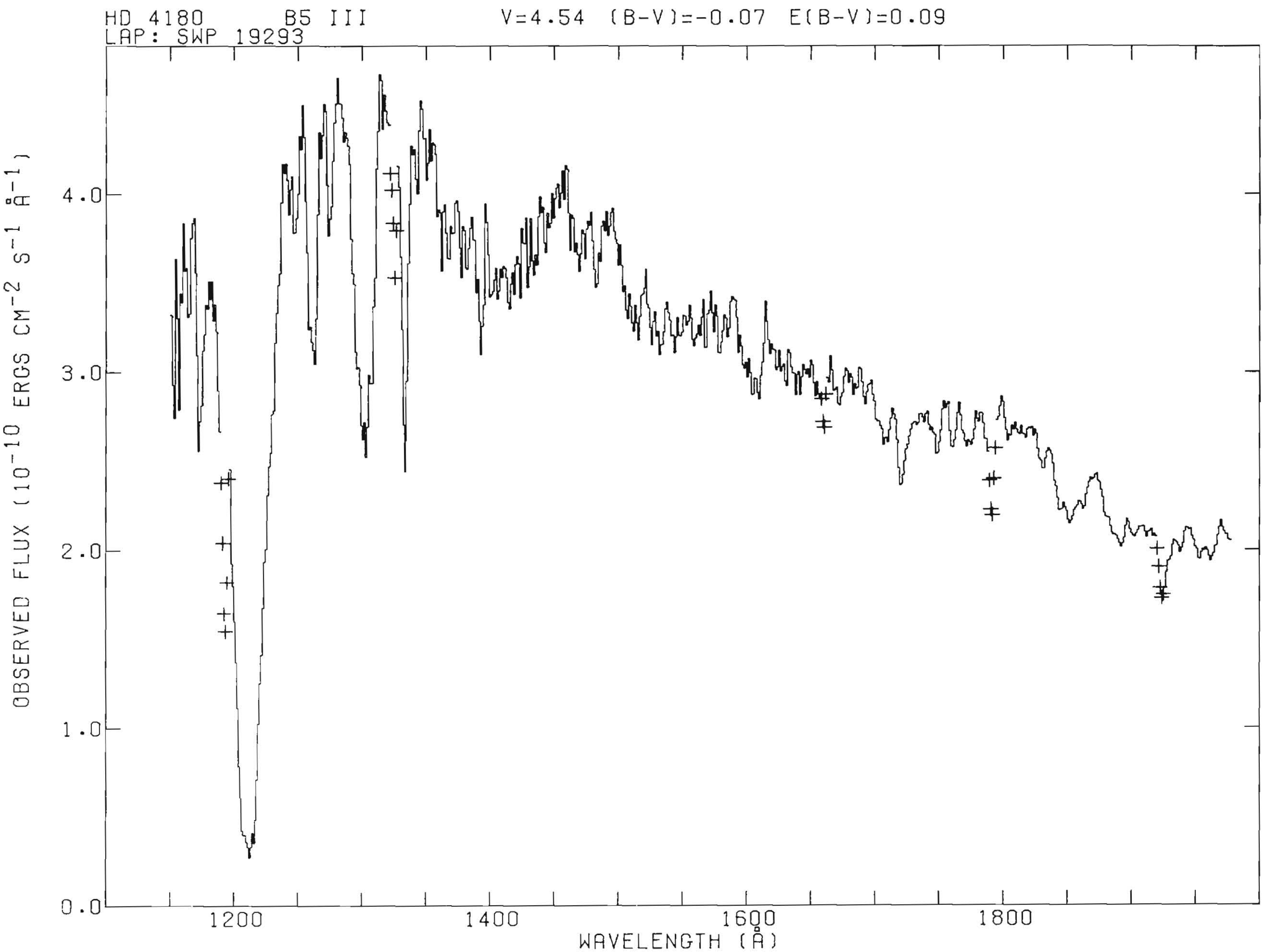


HD 147394 B5 IV +
V=3.89 (B-V)=-0.15 E(B-V)=0.01
LAP: SWP 8194
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

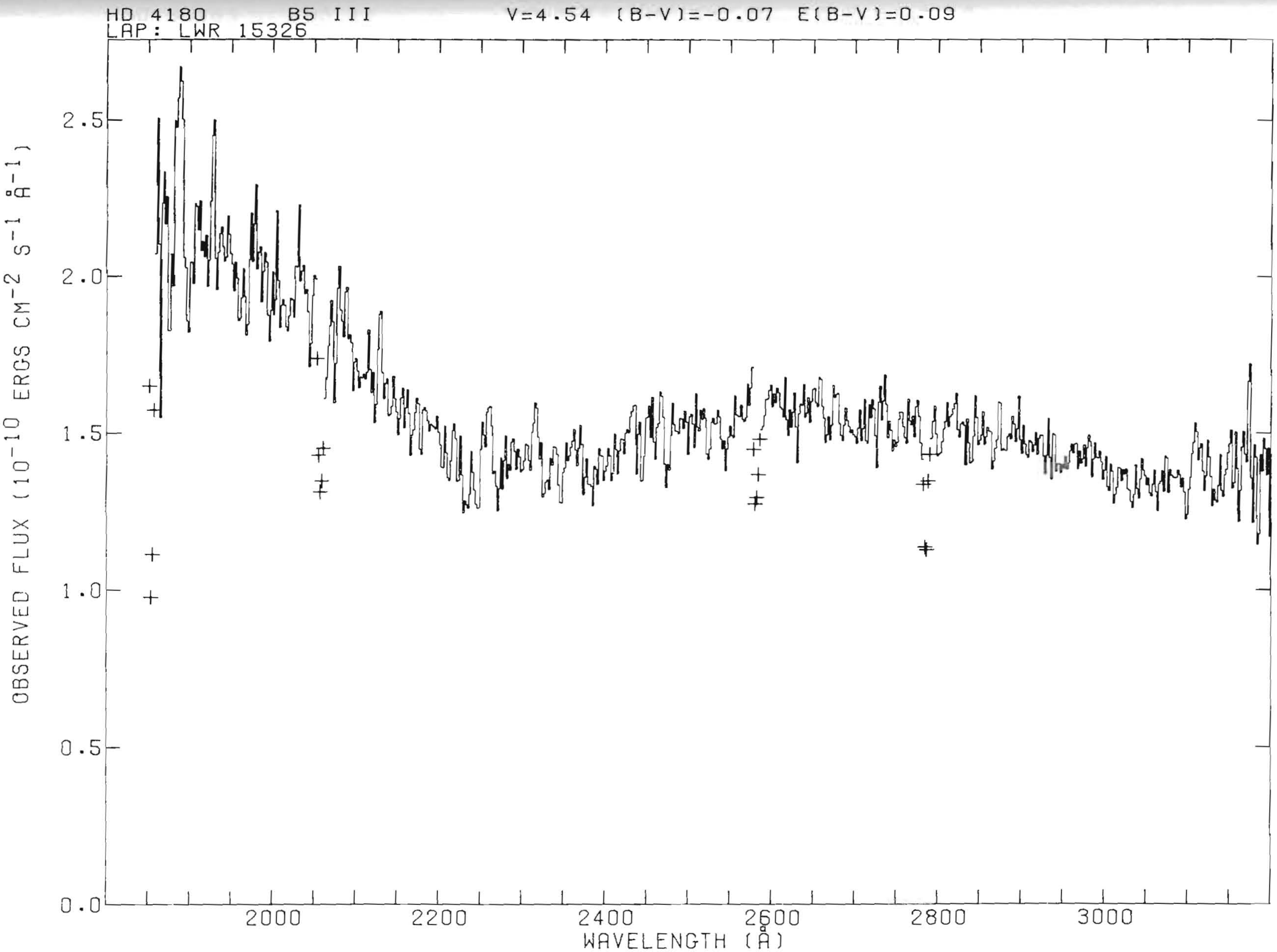

HD 147394 B5 IV +
V=3.89 (B-V)=-0.15 E(B-V)=0.01
LAP: LWR 7122
8.0
6.0
4.0
2.0
0.0
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

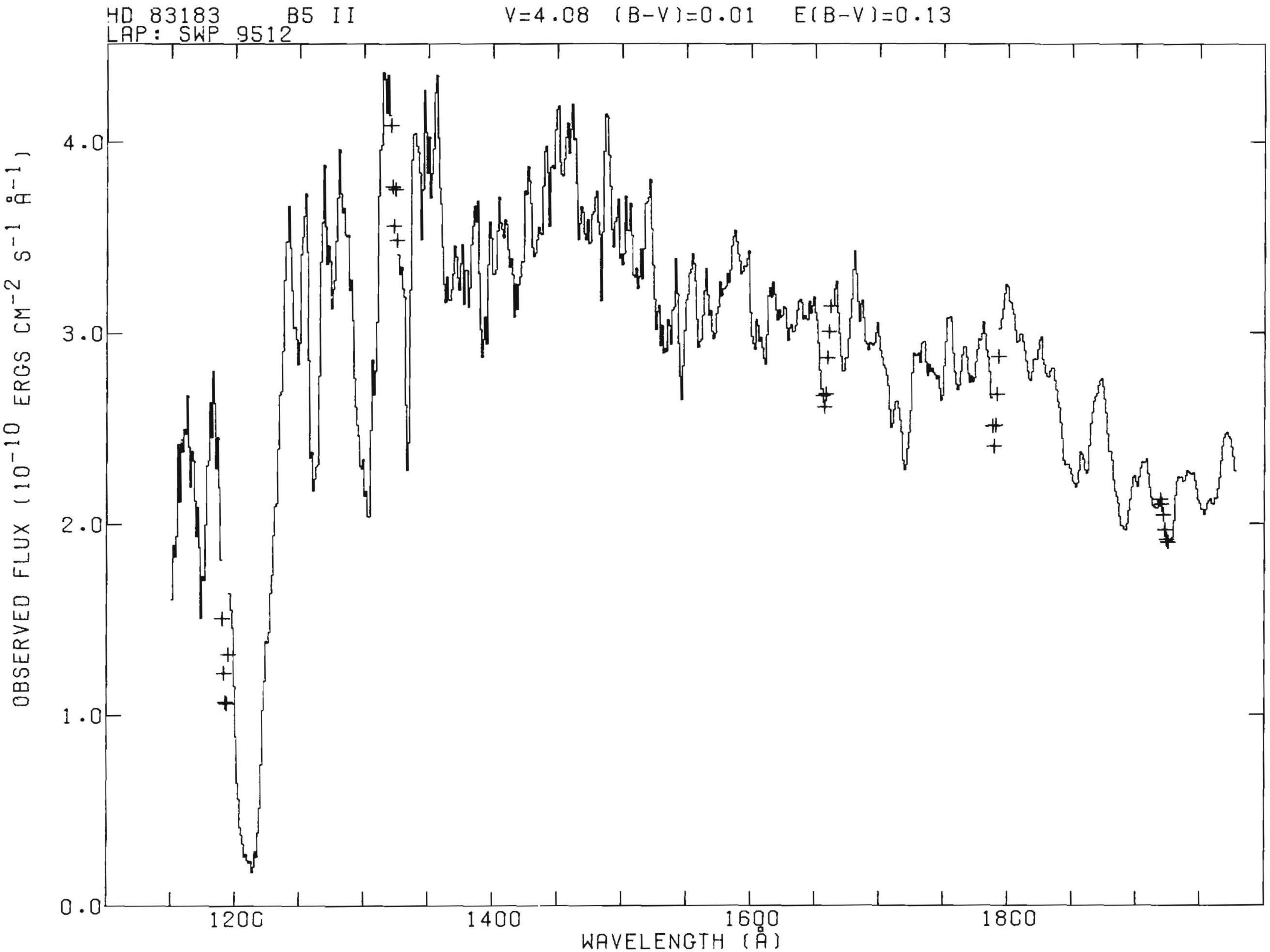

HD 4180 B5 III V=4.54 (B-V)=-0.07 E(B-V)=0.09
LAP: SWP 19293
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
1.0
2.0
3.0
4.0
1200
1400
1600
1800


HD 4180 B5 III V=4.54 (B-V)=-0.07 E(B-V)=0.09
LAP: LWR 15326
OBSERVED FLUX (10^-10 ERGS CM^-2 S^-1 Å^-1)
0.0
0.5
1.0
1.5
2.0
2.5
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

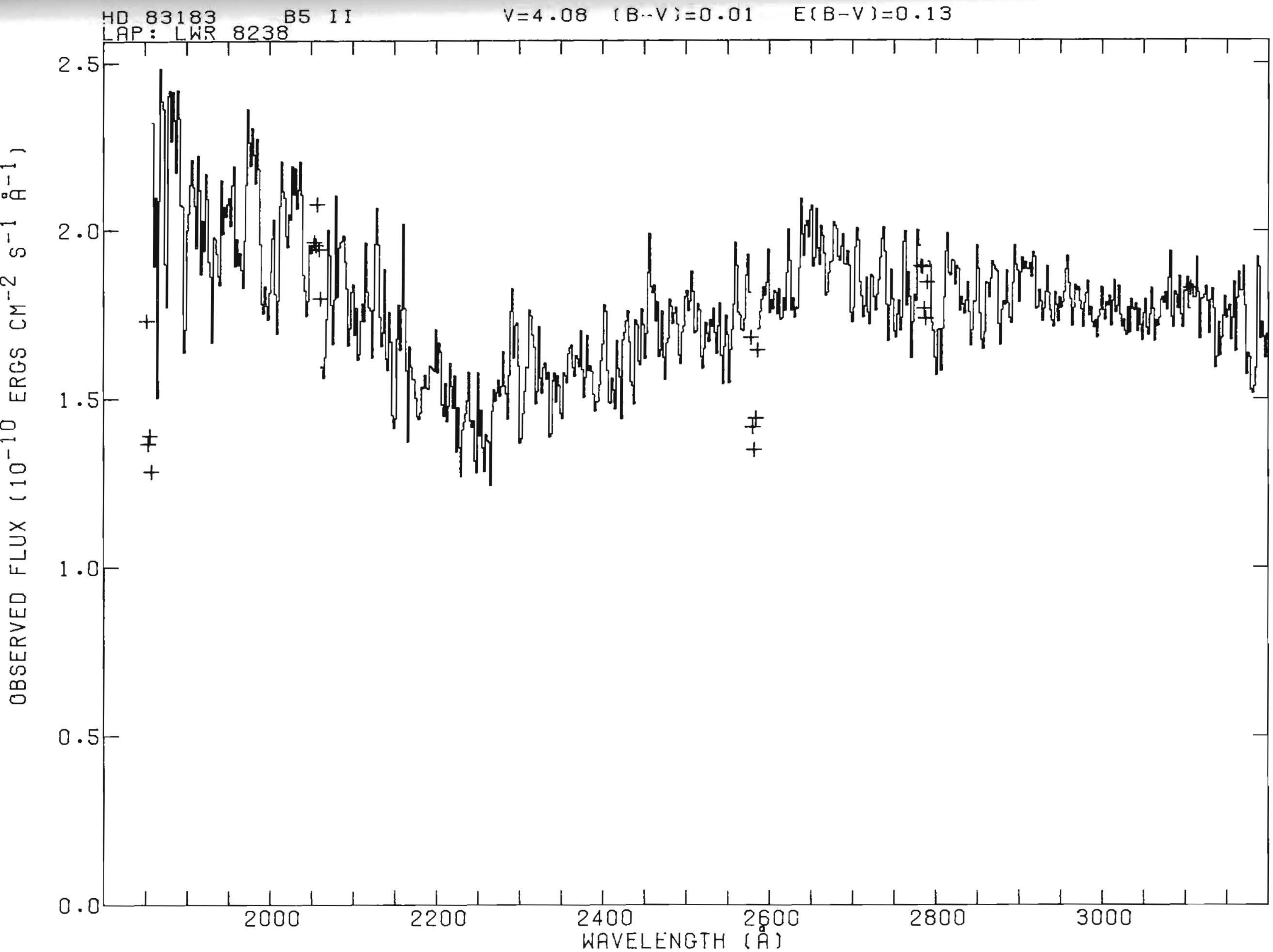


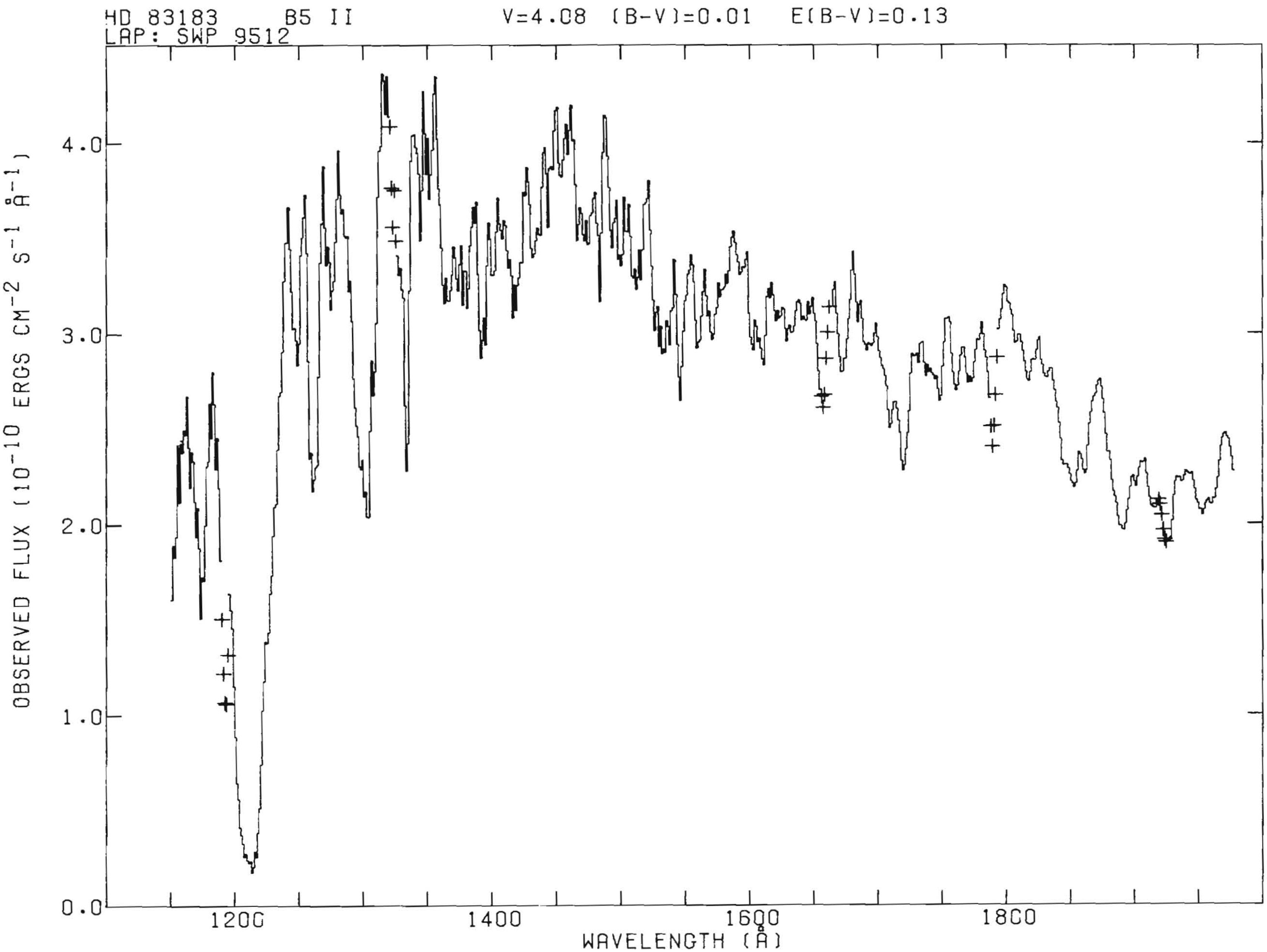
HD 4180 B5 III V=4.54 (B-V)=-0.07 E(B-V)=0.09
LAP: SWP 19293
OBSERVED FLUX (10^-10 ERGS CM^-2 S^-1 Å^-1)
WAVELENGTH (Å)
0.0
1.0
2.0
3.0
4.0
1200
1400
1600
1800


HD 4180 B5 III V=4.54 (B-V)=-0.07 E(B-V)=0.09
LAP: LWR 15326
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} Å^{-1})
WAVELENGTH (Å)
0.0
0.5
1.0
1.5
2.0
2.5
2000
2200
2400
2600
2800
3000



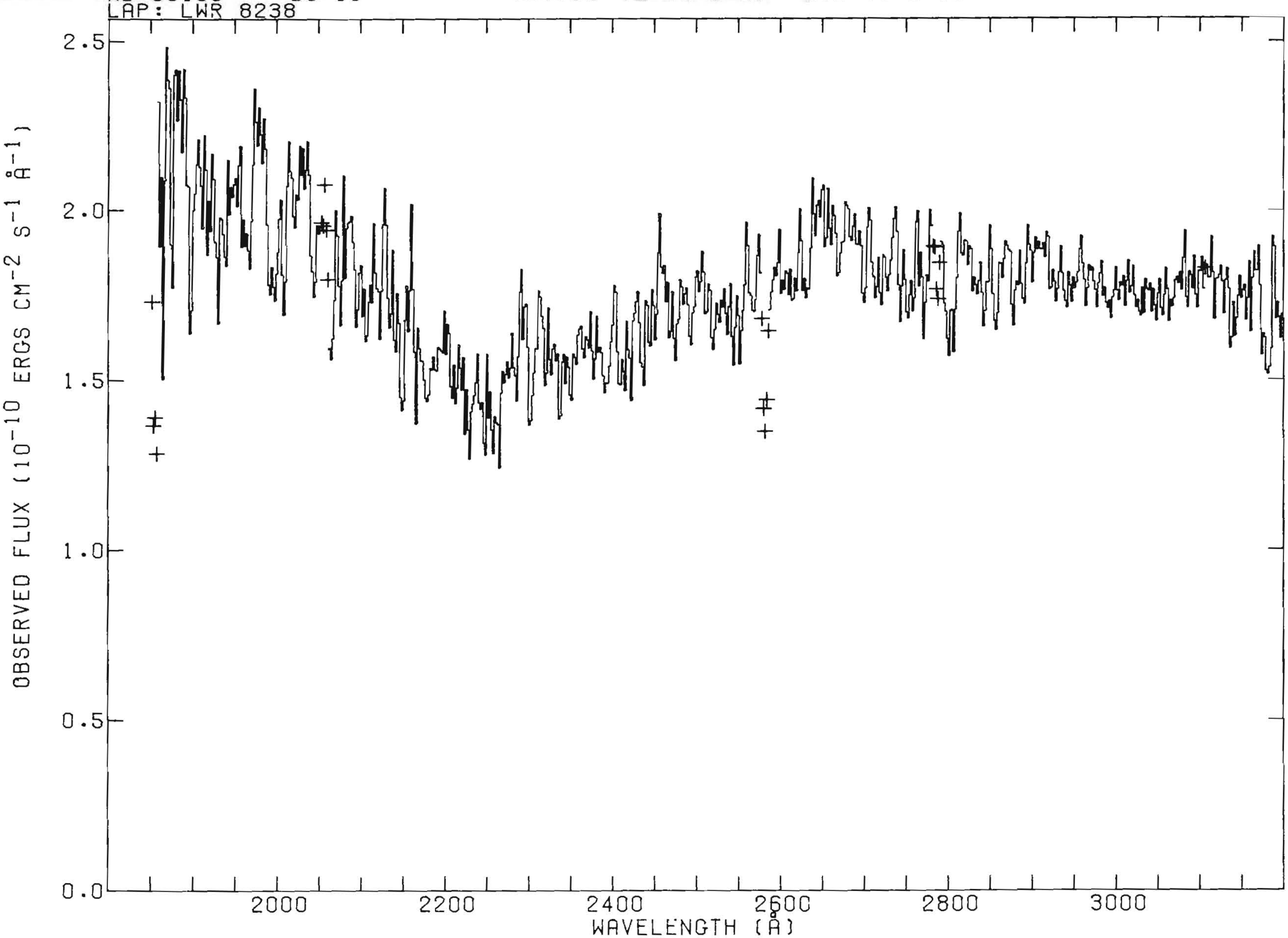
HD 83183 B5 II V=4.08 (B-V)=0.01 E(B-V)=0.13
LAP: SWP 9512
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

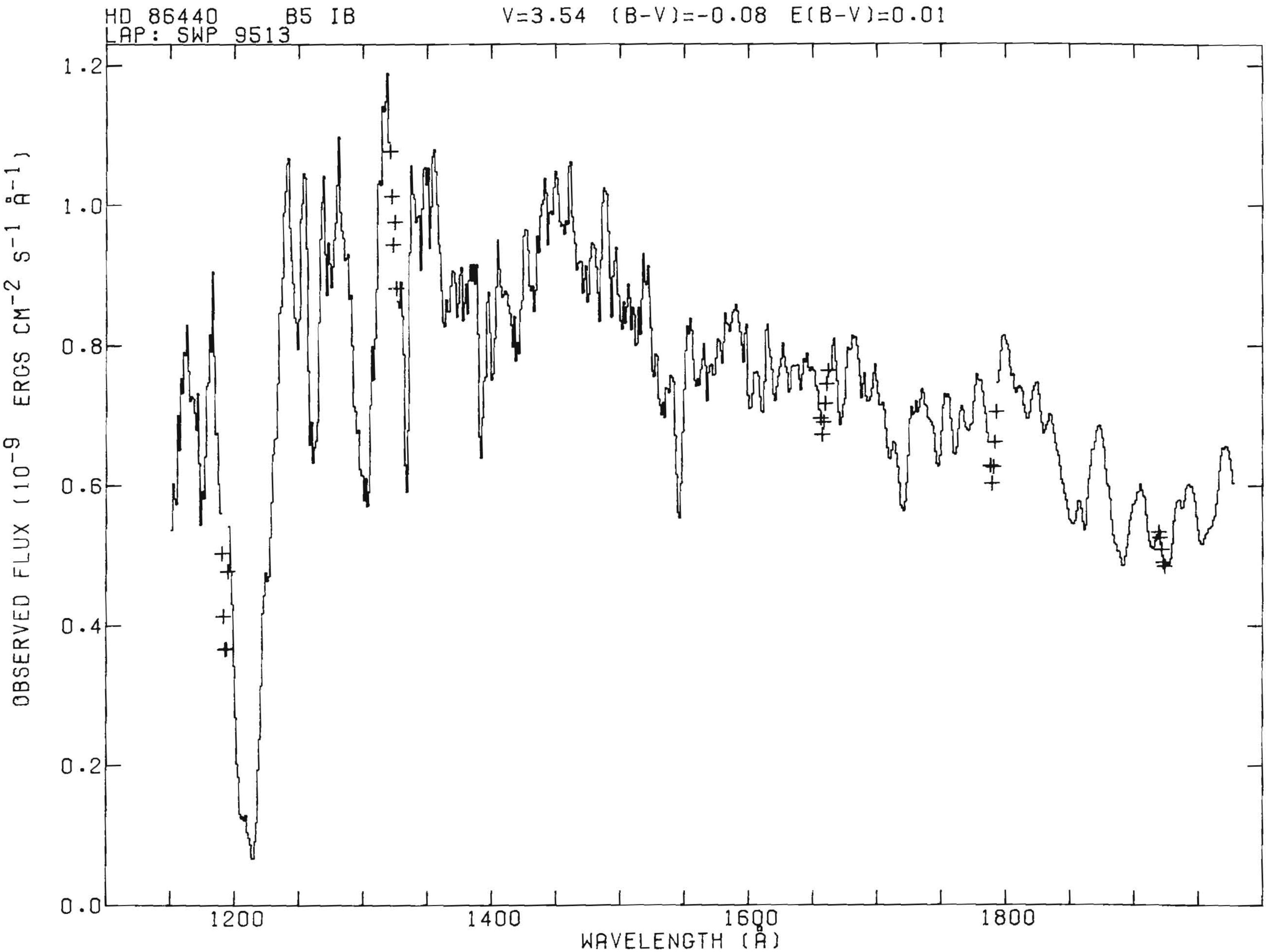

HD 83183 B5 II V=4.08 (B-V)=0.01 E(B-V)=0.13
LAP: LWR 8238
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $\AA^{-1}$)
2.5
2.0
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)



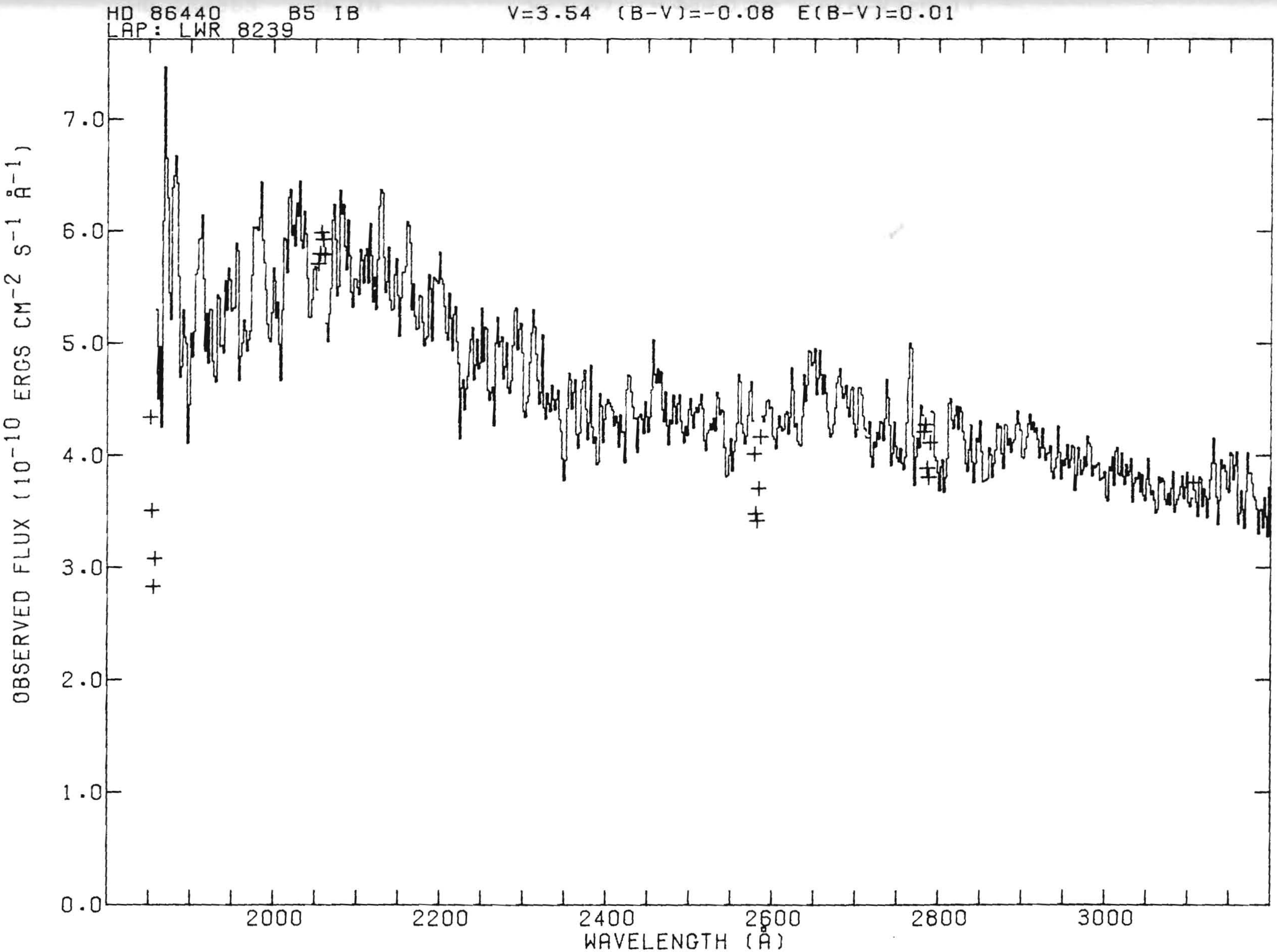
HD 83183 B5 II V=4.08 (B-V)=0.01 E(B-V)=0.13
LAP: SWP 9512
OBSERVED FLUX (10^-10 ERGS CM^-2 S^-1 Å^-1)
0.0
1.0
2.0
3.0
4.0
1200
1400
1600
1800
WAVELENGTH (Å)

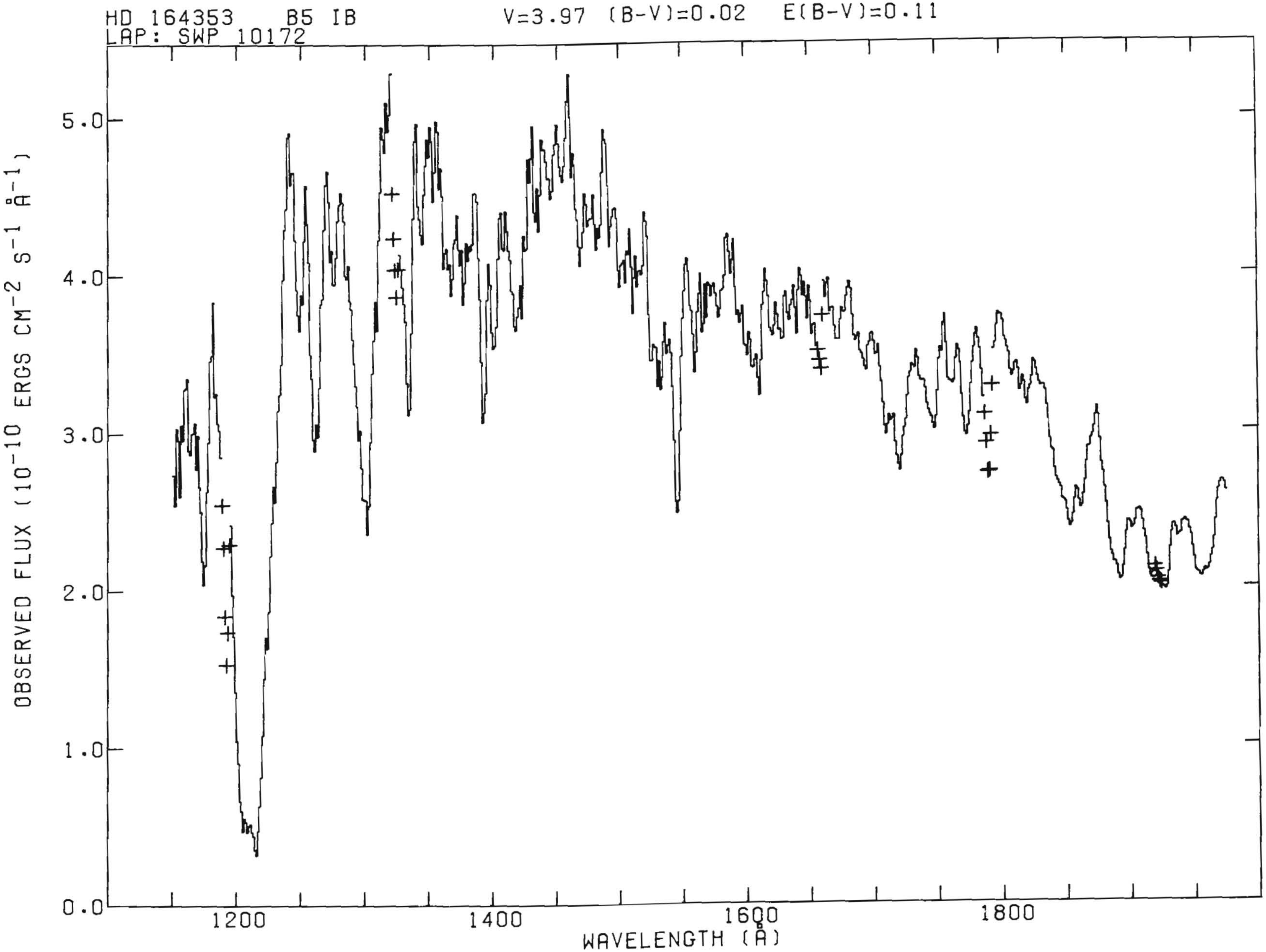
HD 83183 B5 II V=4.08 (B-V)=0.01 E(B-V)=0.13
LAP: LWR 8238

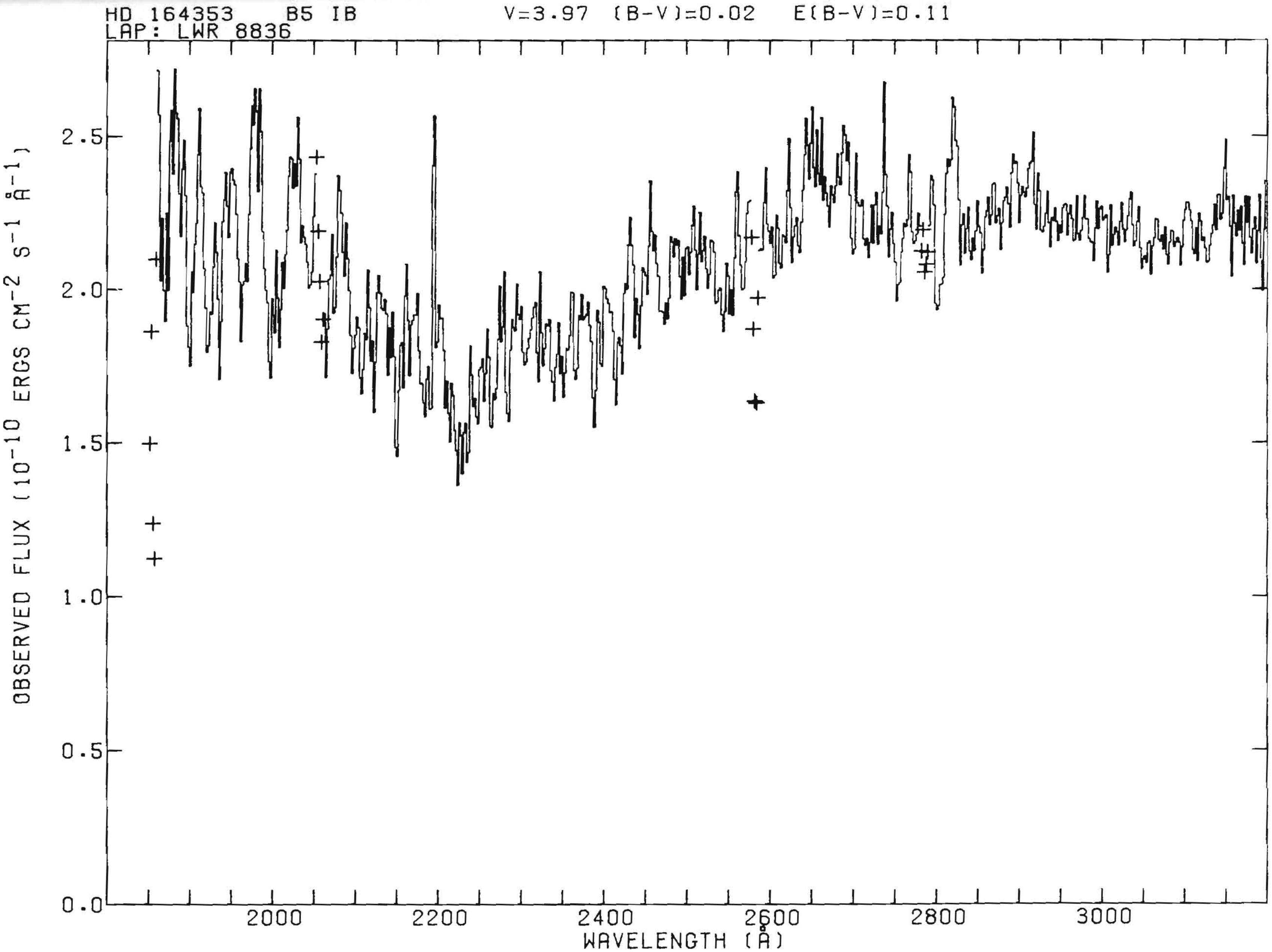


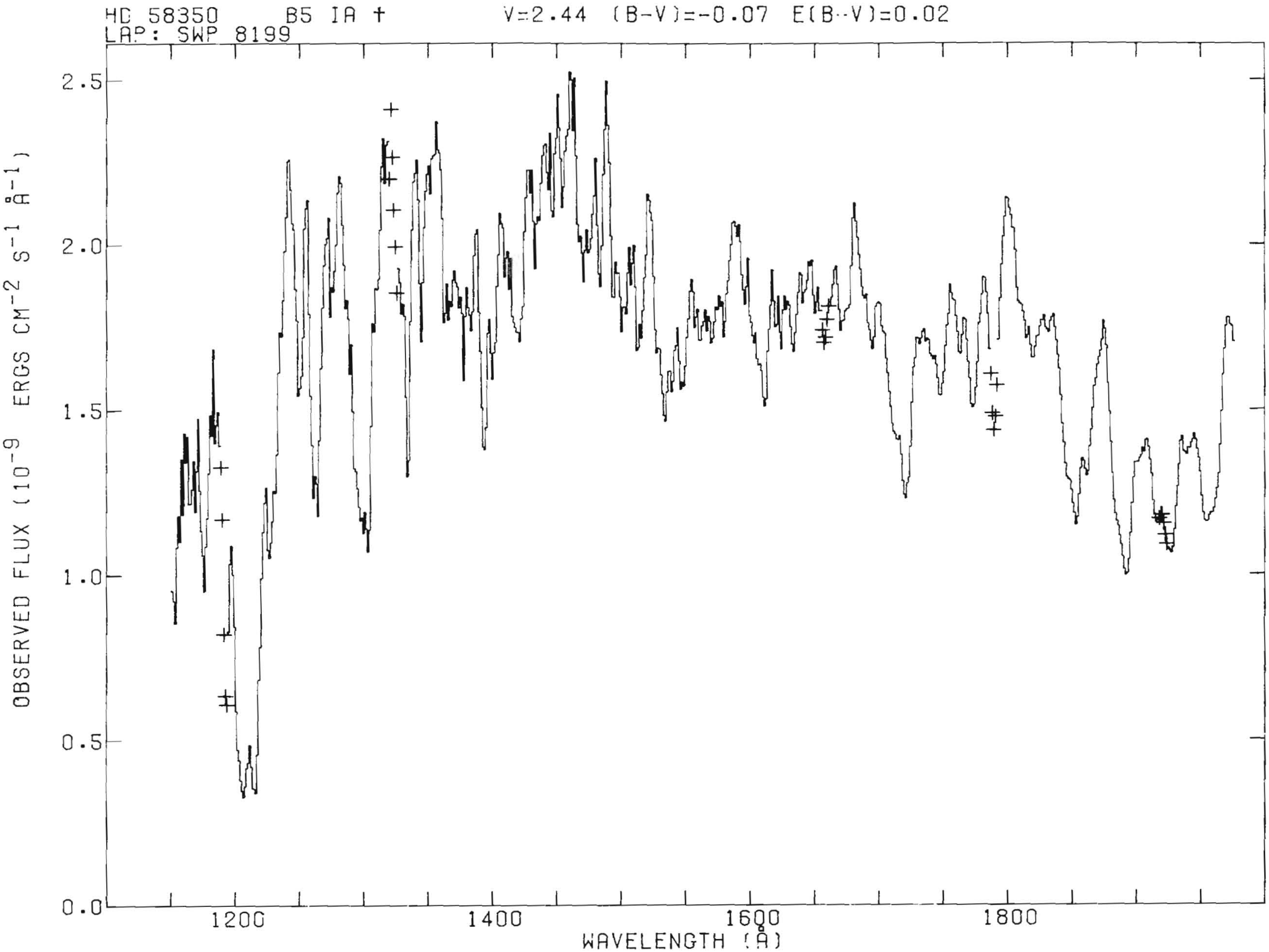


HD 86440 B5 IB V=3.54 (B-V)=-0.08 E(B-V)=0.01
LAP: SWP 9513
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

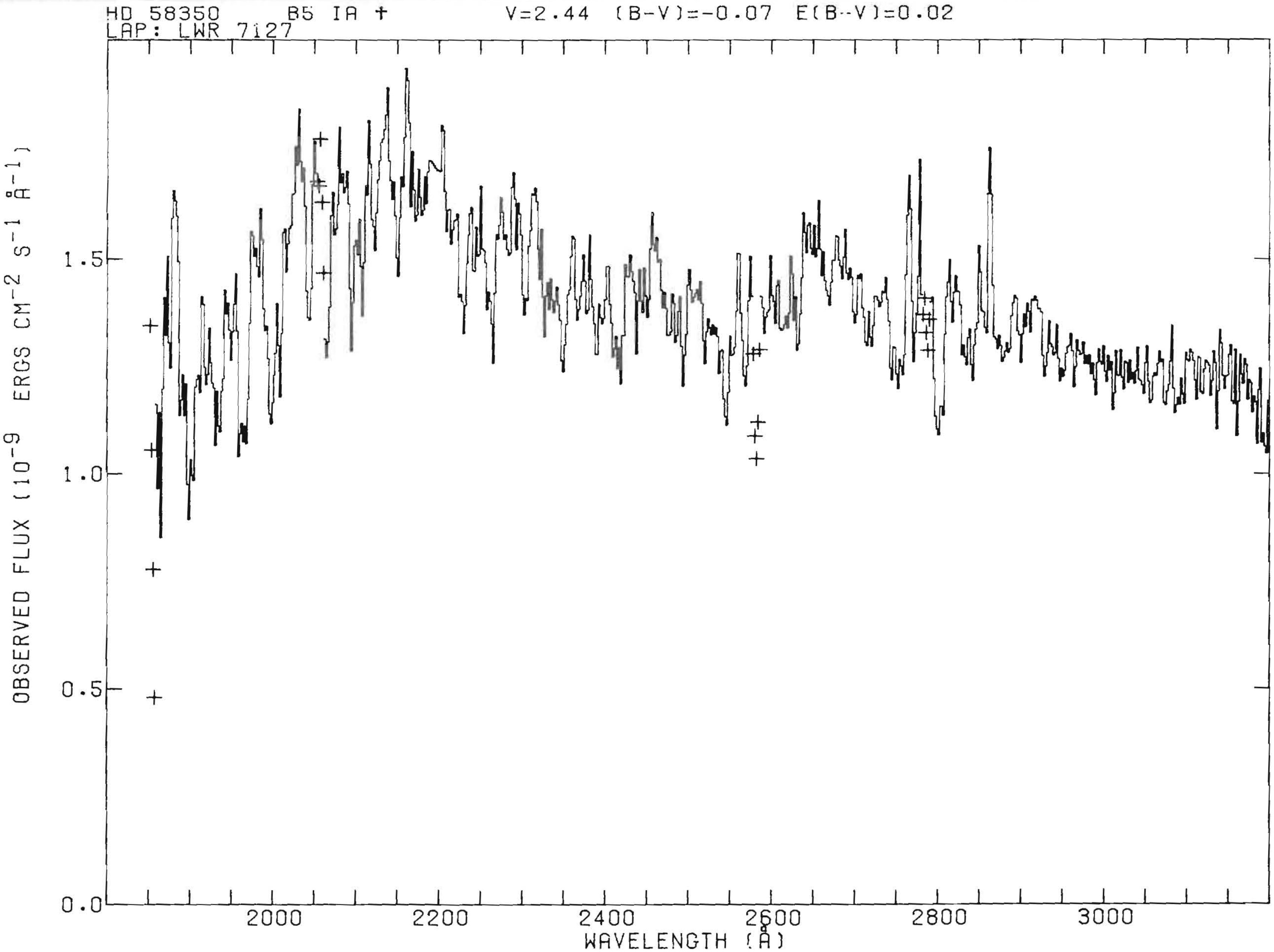

HD 86440 B5 IB V=3.54 (B-V)=-0.08 E(B-V)=0.01
LAP: LWR 8239
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

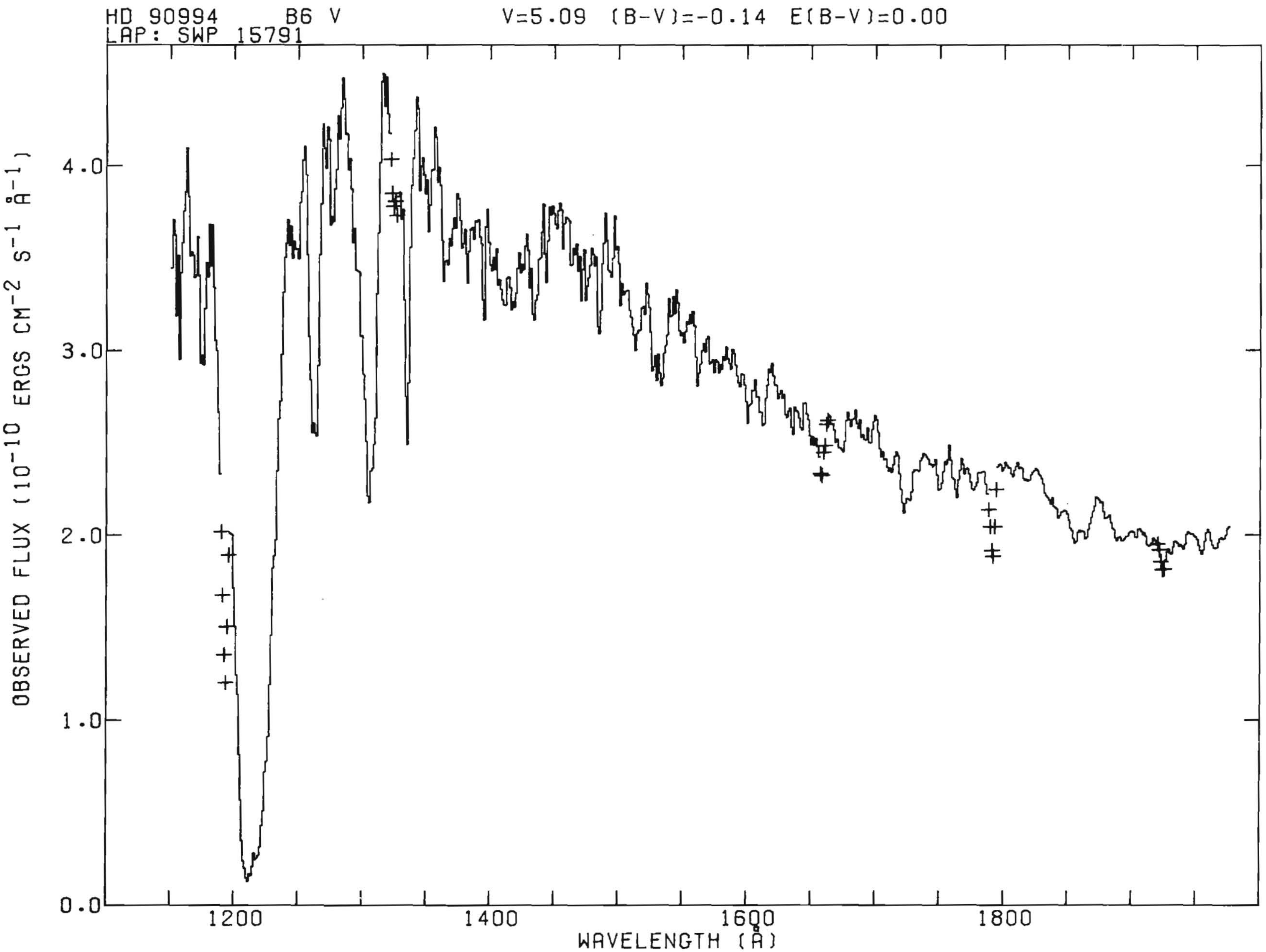

HD 164353 B5 IB V=3.97 (B-V)=0.02 E(B-V)=0.11
LAP: SWP 10172
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $\AA^{-1}$)
WAVELENGTH (Å)
0.0
1.0
2.0
3.0
4.0
5.0
1200
1400
1600
1800

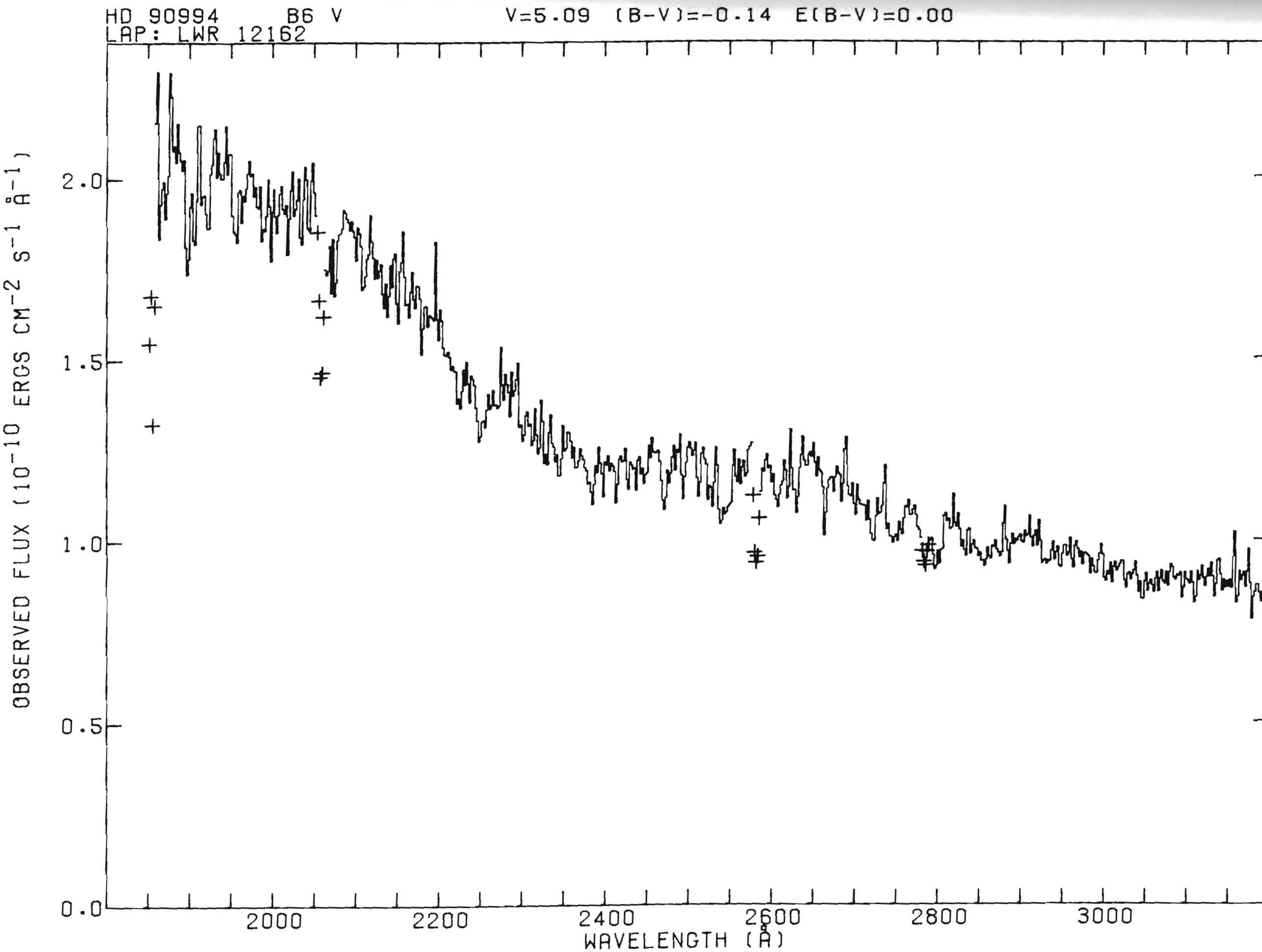

HD 164353 B5 IB V=3.97 (B-V)=0.02 E(B-V)=0.11
LAP: LWR 8836
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
2.0
2.5
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

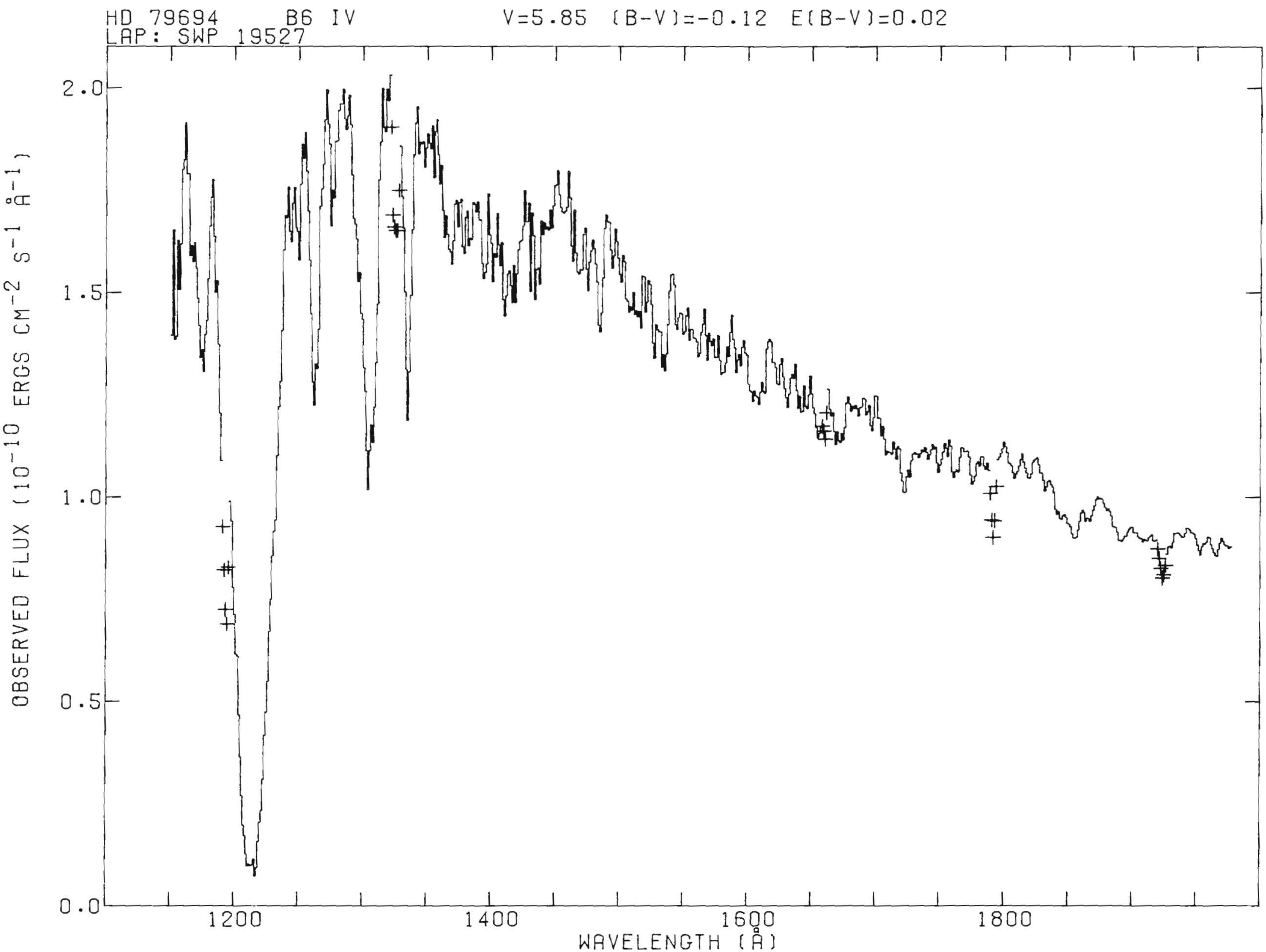


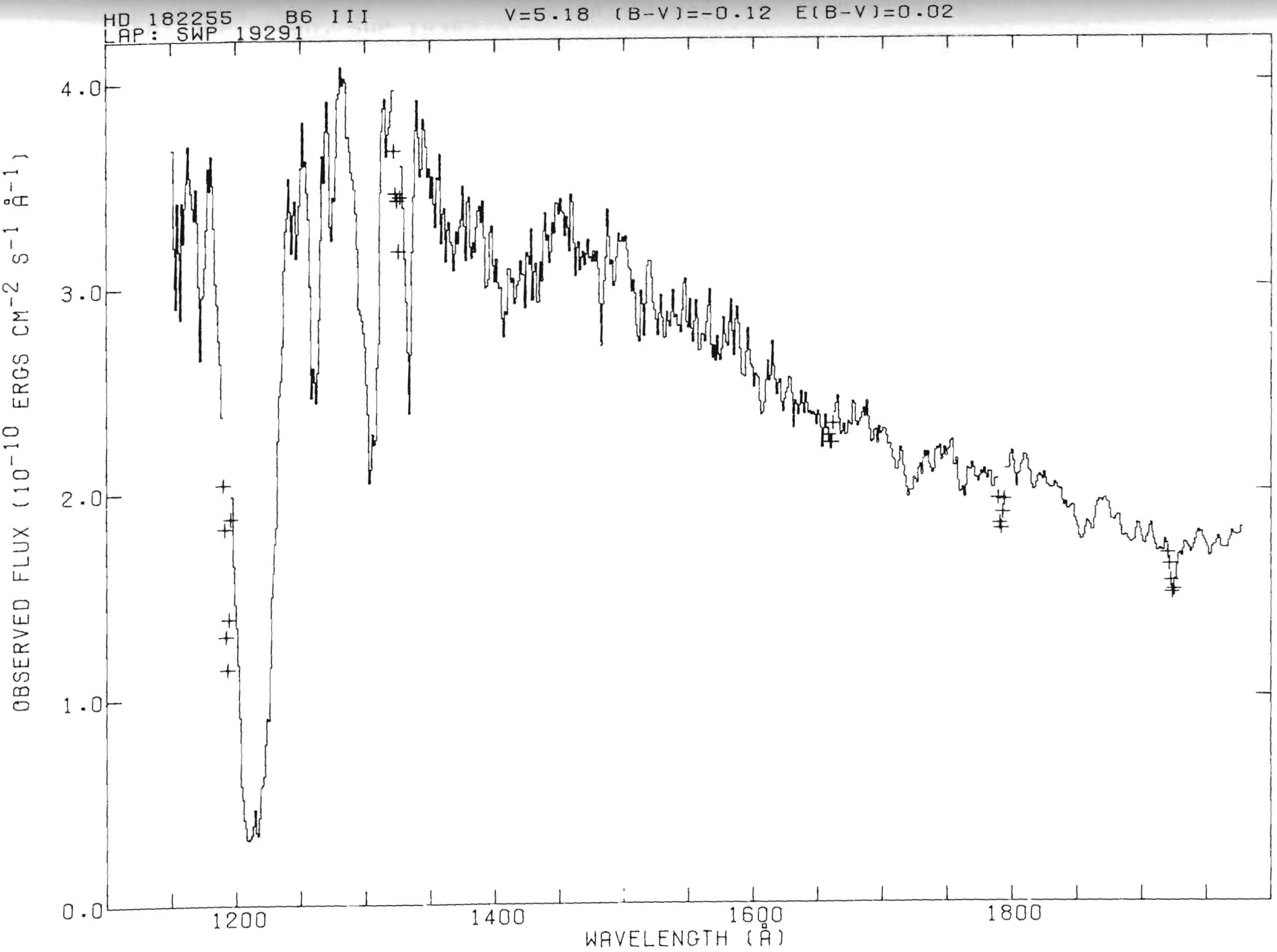
HD 58350 B5 IA + V=2.44 (B-V)=-0.07 E(B-V)=0.02
LAP: SWP 8199
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
0.5
1.0
1.5
2.0
2.5
1200
1400
1600
1800


HD 58350 B5 IA + V=2.44 (B-V)=-0.07 E(B-V)=0.02
LAP: LWR 7127
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

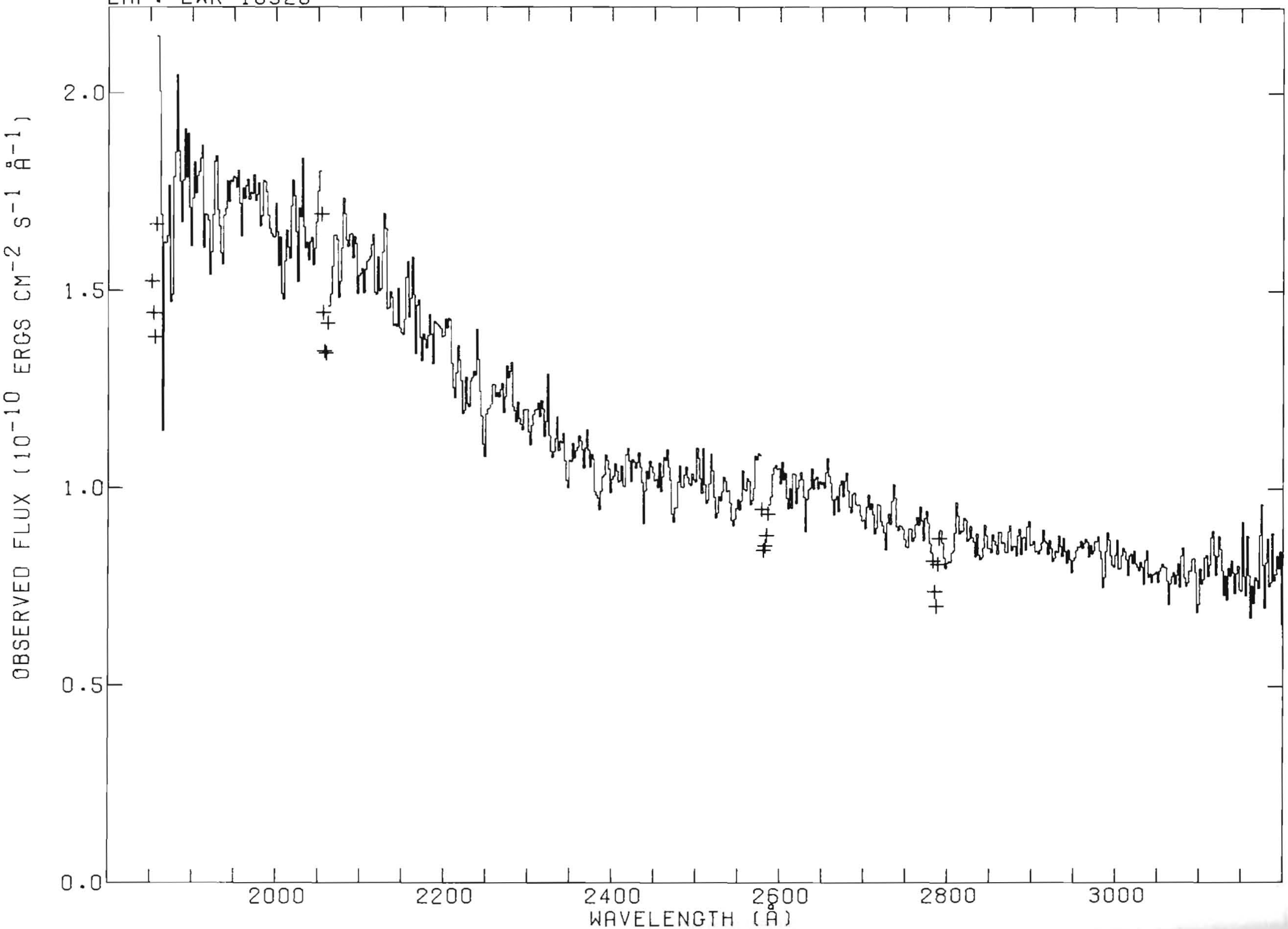

HD 90994 B6 V
V=5.09 (B-V)=-0.14 E(B-V)=0.00
LAP: SWP 15791
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
1.0
2.0
3.0
4.0
1200
1400
1600
1800
WAVELENGTH (Å)

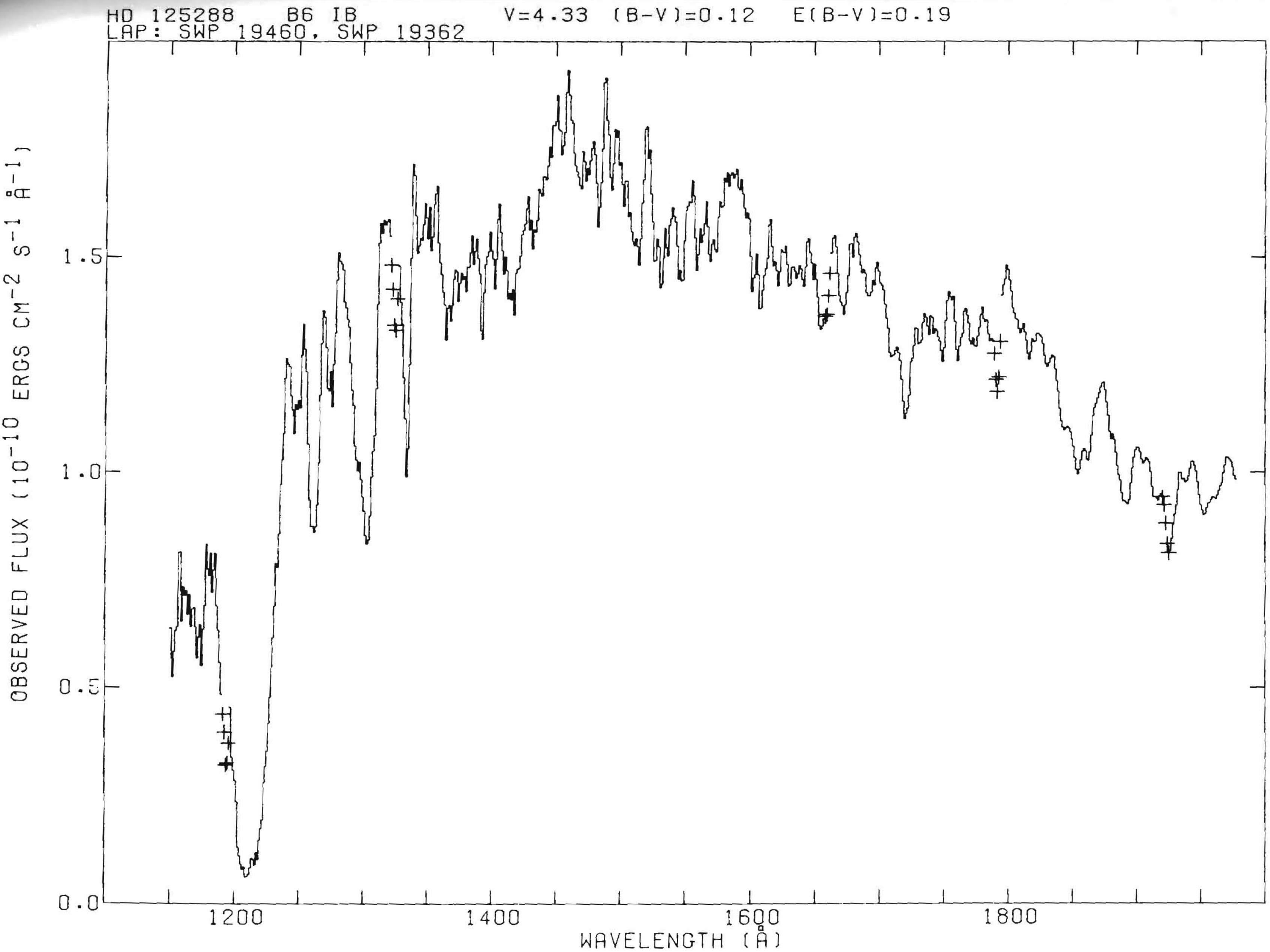

HD 90994 B6 V V=5.09 (B-V)=-0.14 E(B-V)=0.00
LAP: LWR 12162
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
2.0
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

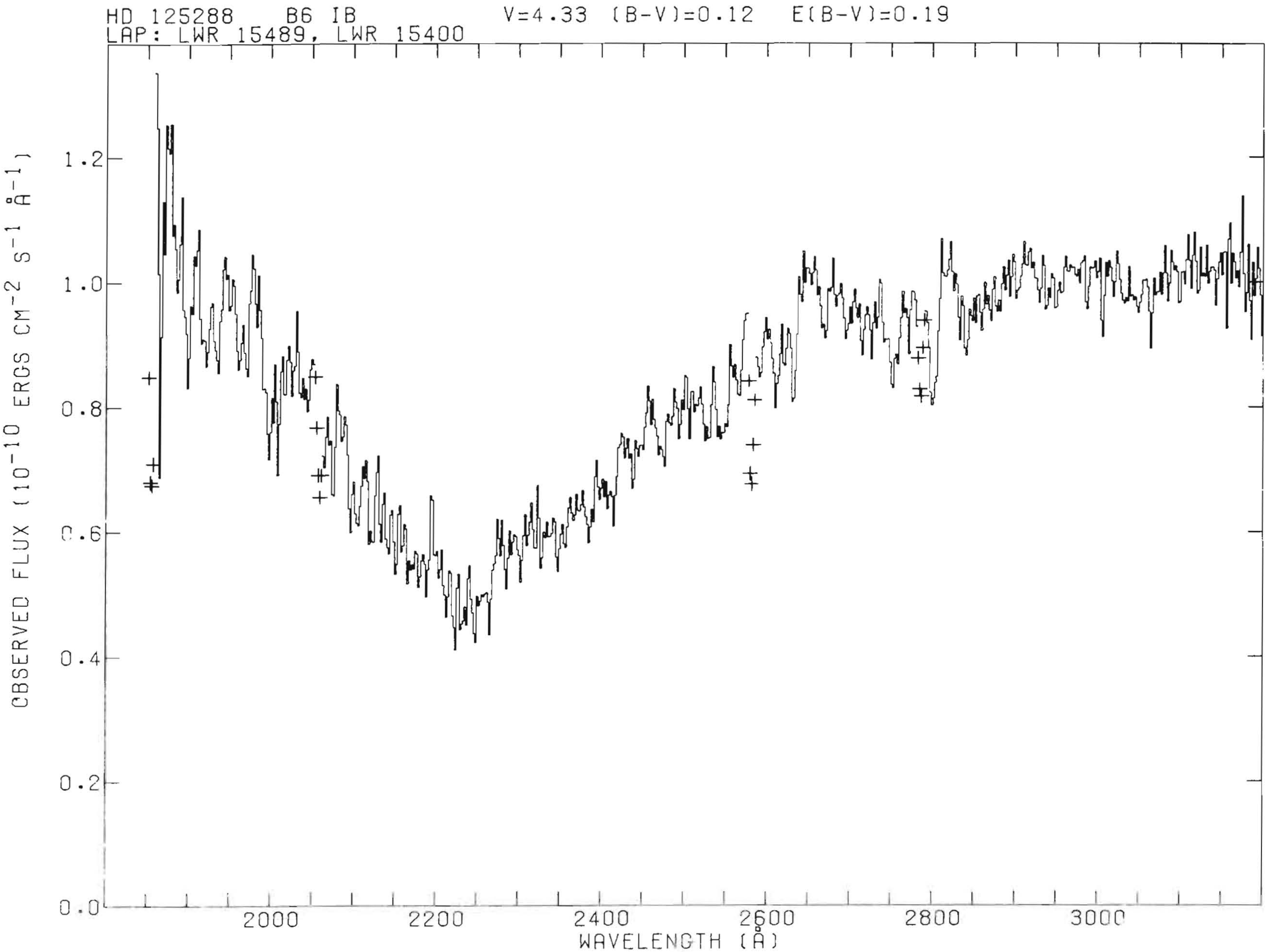

HD 79694 B6 IV V=5.85 (B-V)=-0.12 E(B-V)=0.02
LAP: SWP 19527
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $\AA^{-1}$)
WAVELENGTH (Å)
2.0
1.5
1.0
0.5
0.0
1200
1400
1600
1800

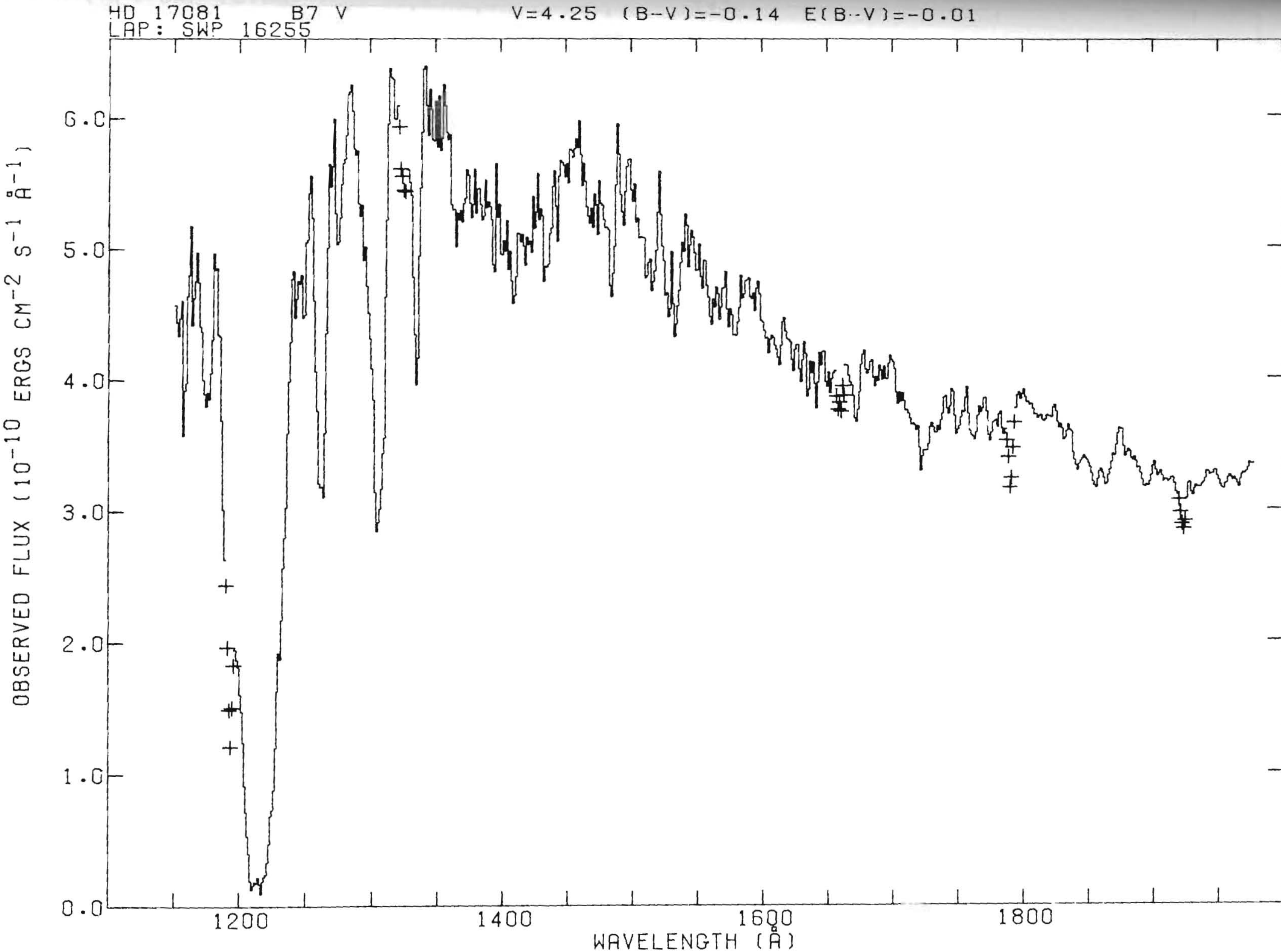

HD 182255 B6 III V=5.18 (B-V)=-0.12 E(B-V)=0.02
LAP: SWP 19291
OBSERVED FLUX (10-10 ERGS CM-2 S-1 Å-1)
WAVELENGTH (Å)
0.0
1.0
2.0
3.0
4.0
1200
1400
1600
1800

HD 182255 B6 III V=5.18 (B-V)=-0.12 E(B-V)=0.02
LAP: LWR 15325

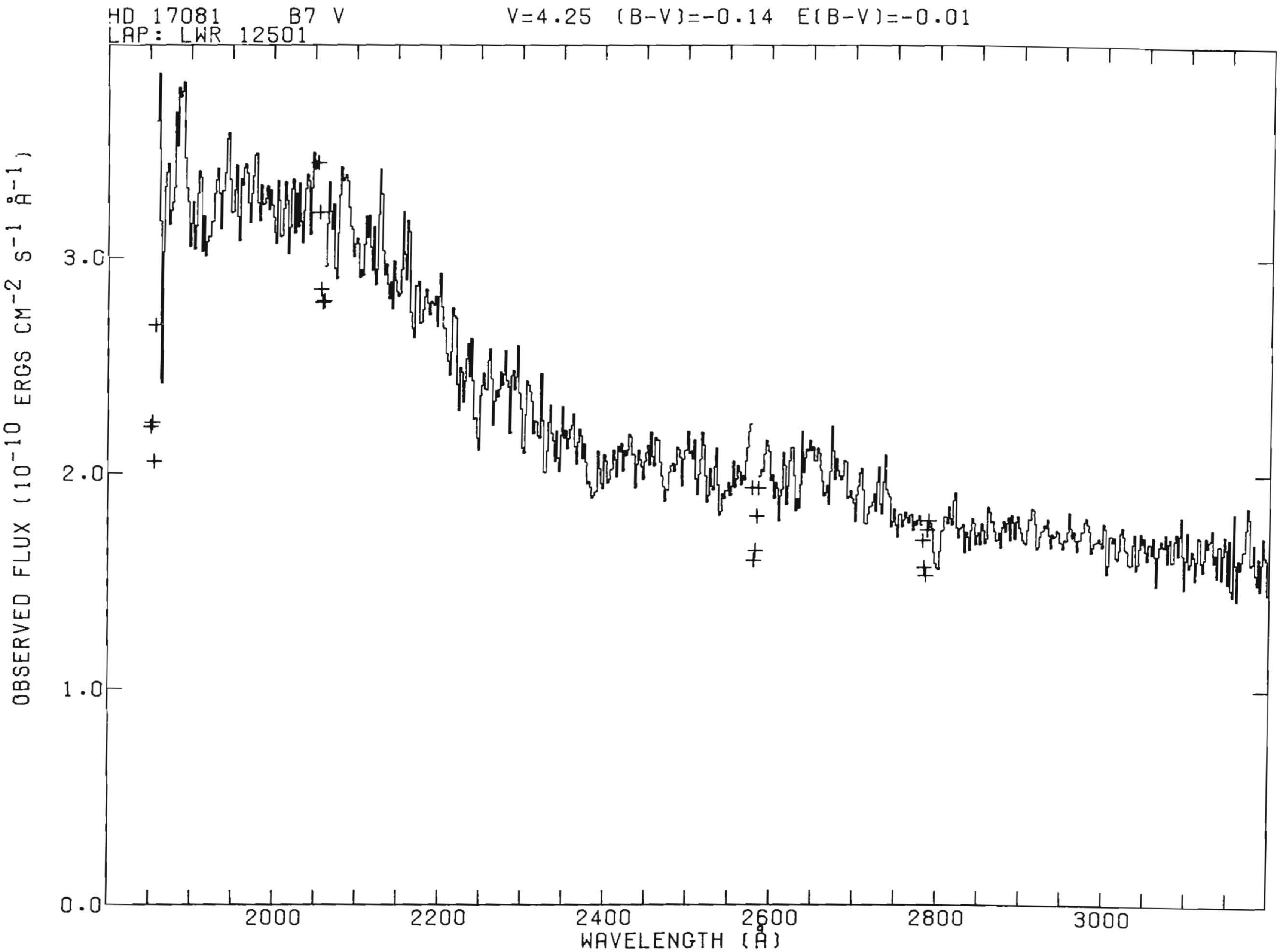



HD 125288 B6 IB V=4.33 (B-V)=0.12 E(B-V)=0.19
LAP: SWP 19460, SWP 19362
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
1200
1400
1600
1800
WAVELENGTH (Å)

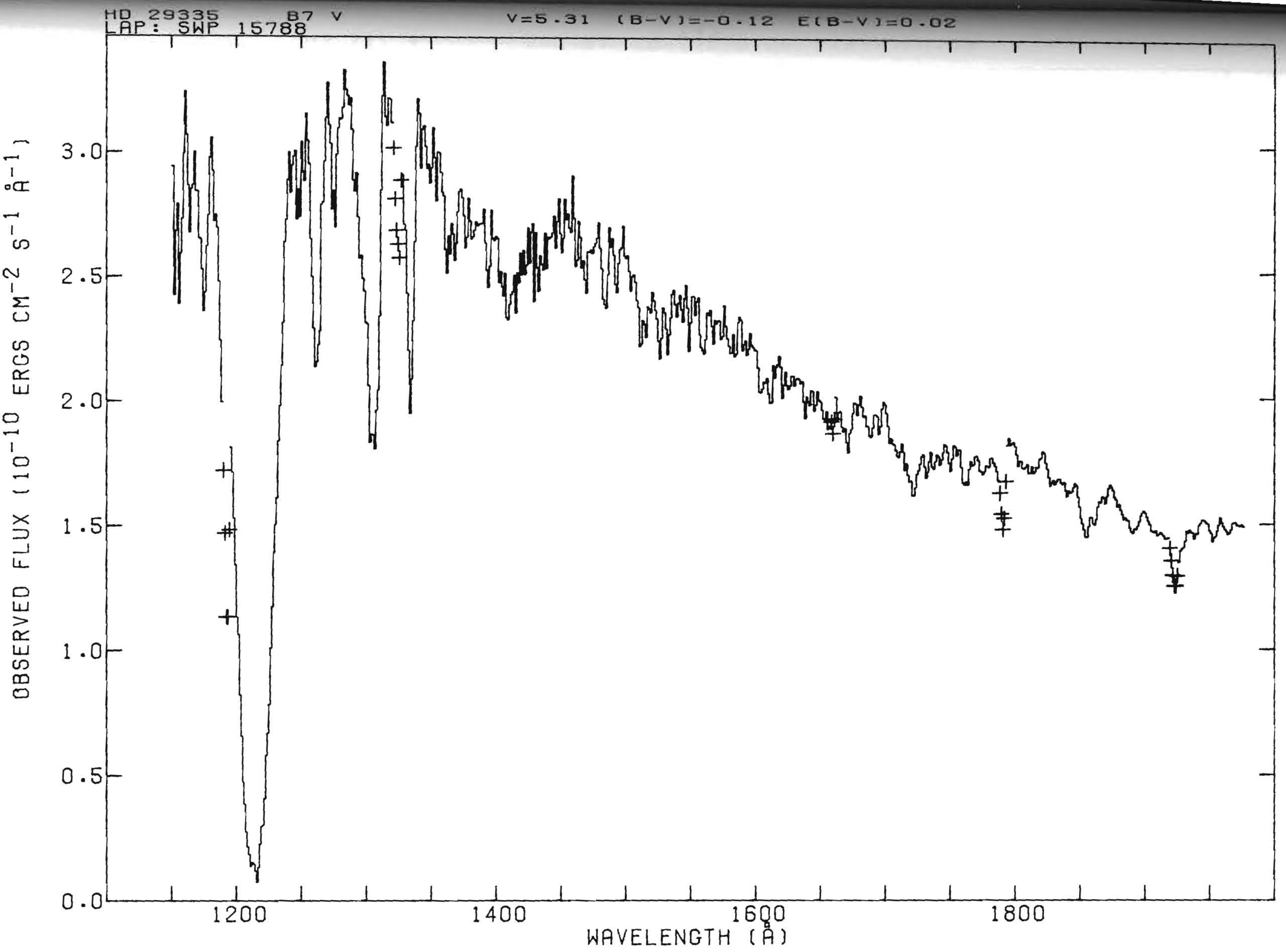

HD 125288 B6 IB V=4.33 (B-V)=0.12 E(B-V)=0.19
LAP: LWR 15489, LWR 15400
OBSERVED FLUX (10⁻¹⁰ ERGS CM⁻² S⁻¹ Å⁻¹)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

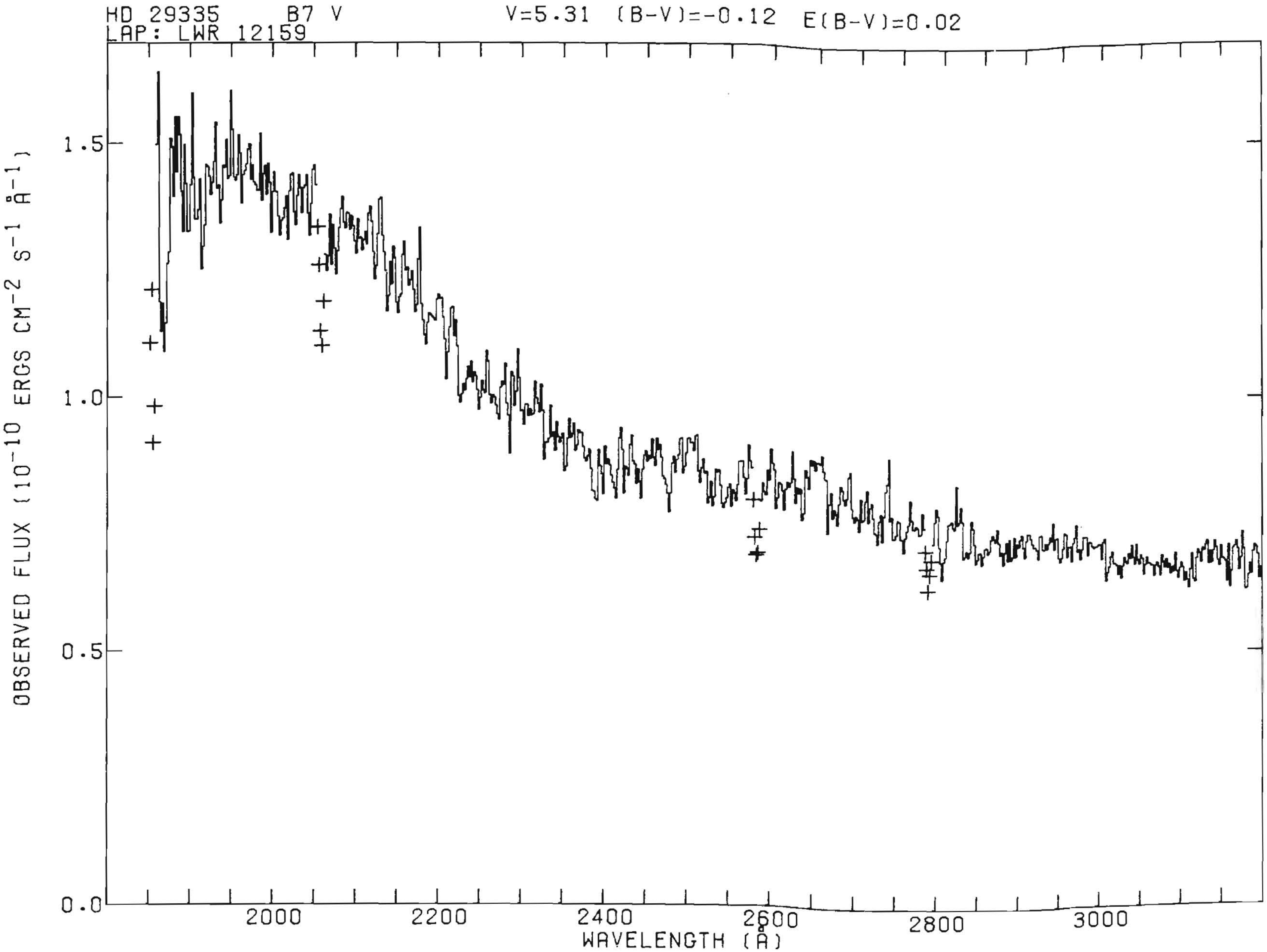


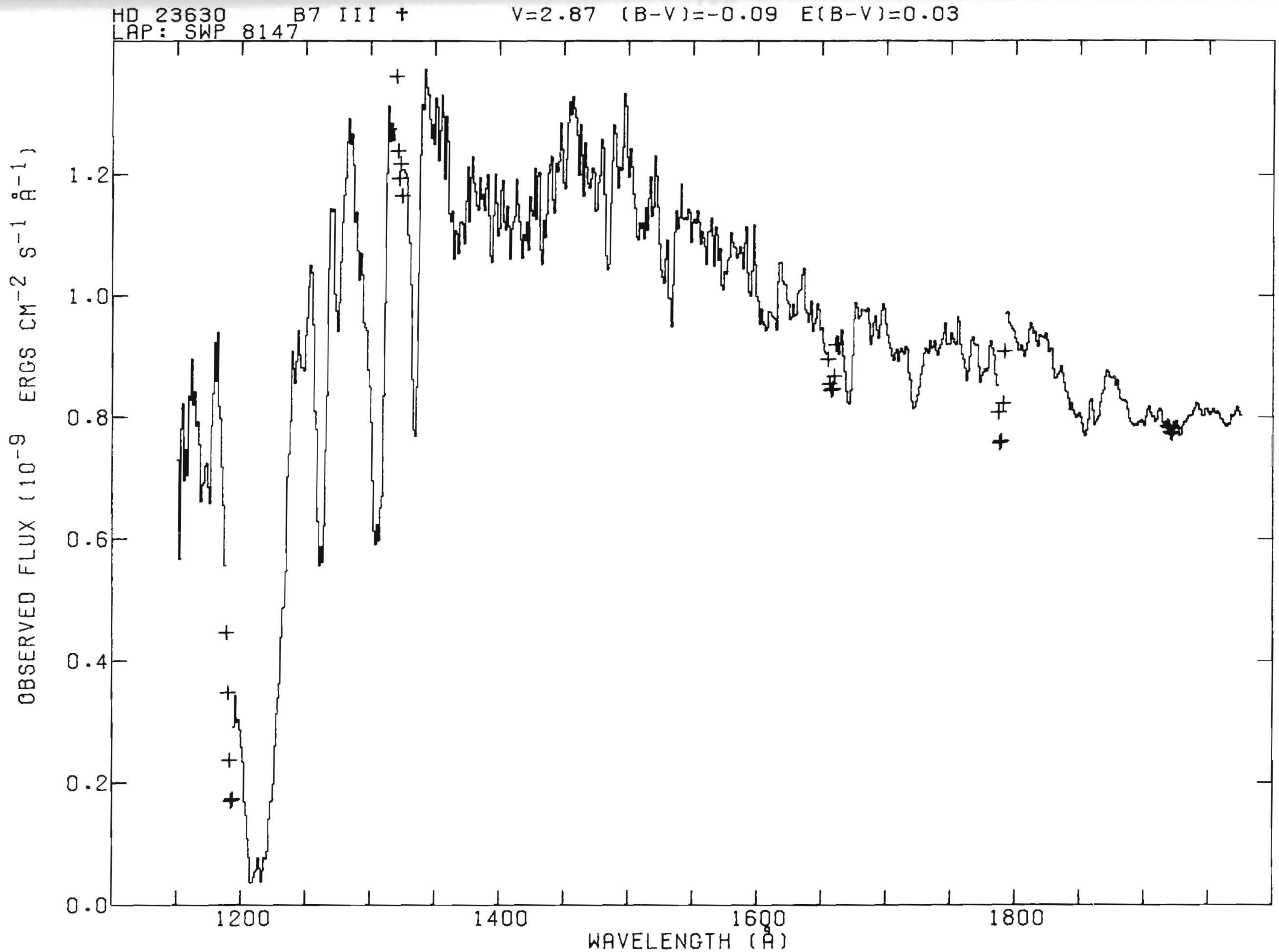
HD 17081 B7 V V=4.25 (B-V)=-0.14 E(B-V)=-0.01
LAP: SWP 16255
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
1.0
2.0
3.0
4.0
5.0
6.0
1200
1400
1600
1800

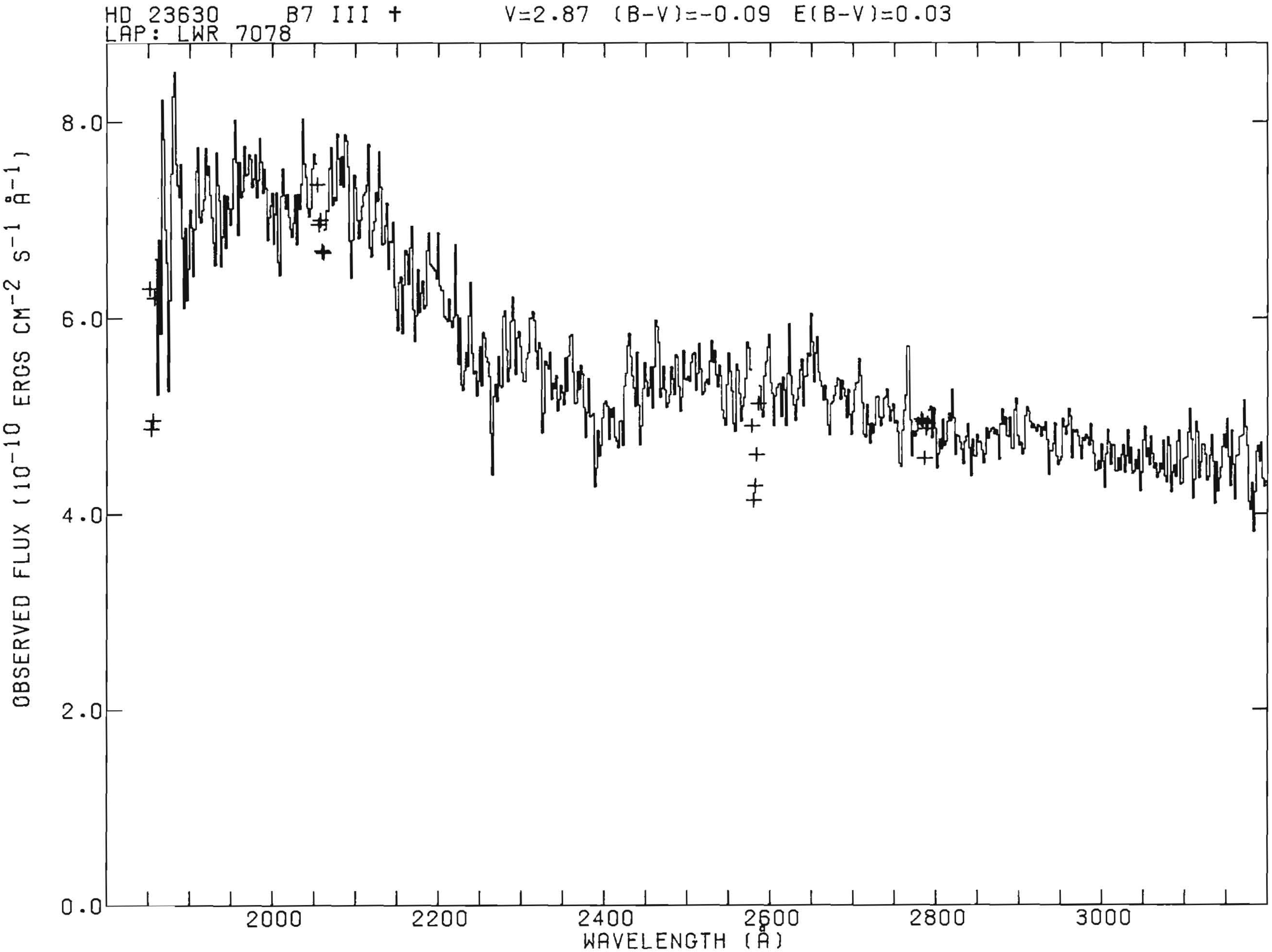


HD 17081 B7 V
LAP: LWR 12501
V=4.25 (B-V)=-0.14 E(B-V)=-0.01
OBSERVED FLUX (10^-10 ERGS CM^-2 S^-1 Å^-1)
0.0
1.0
2.0
3.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

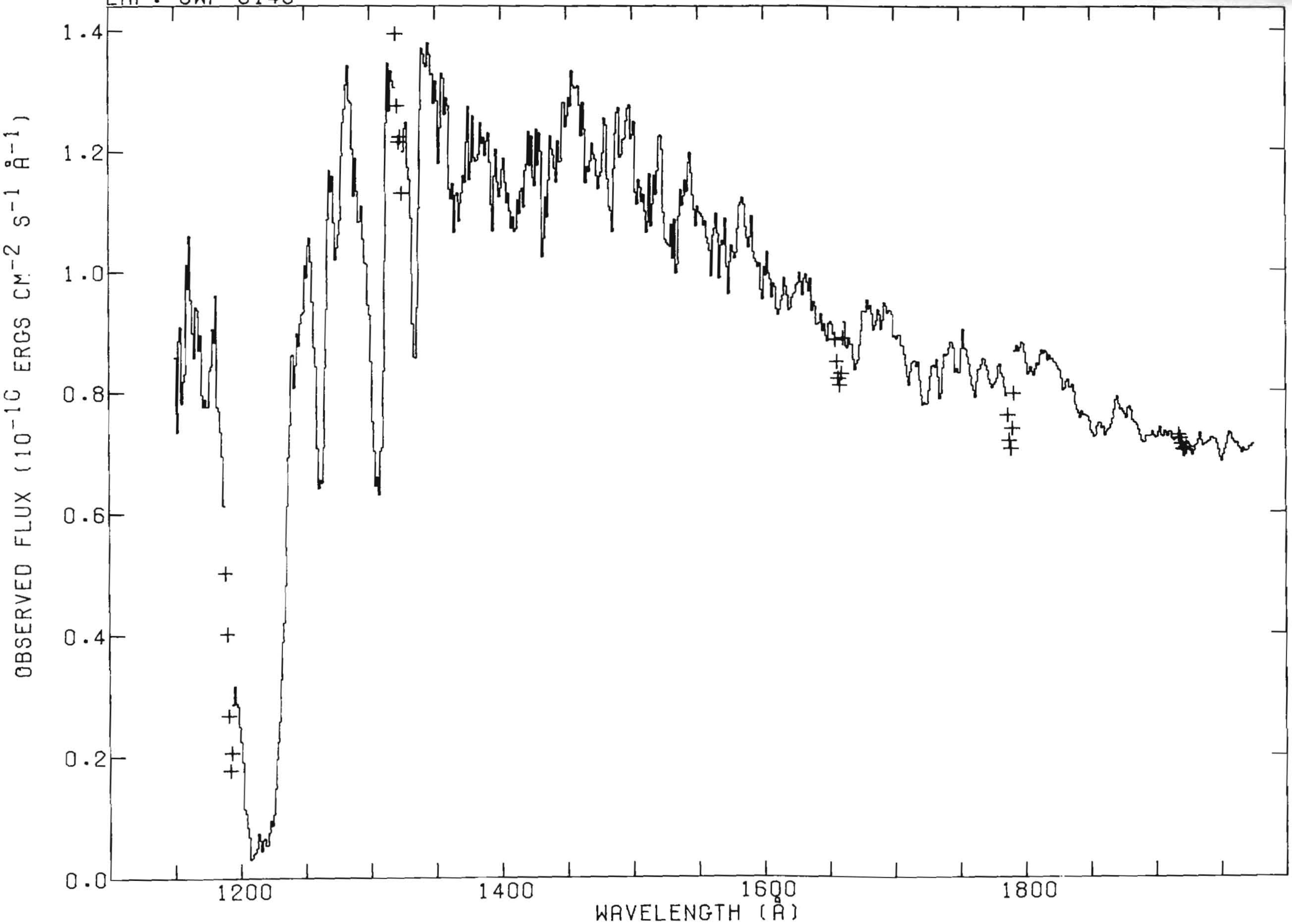

HD 29335 B7 V
LAP: SWP 15788
V=5.31 (B-V)=-0.12 E(B-V)=0.02
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

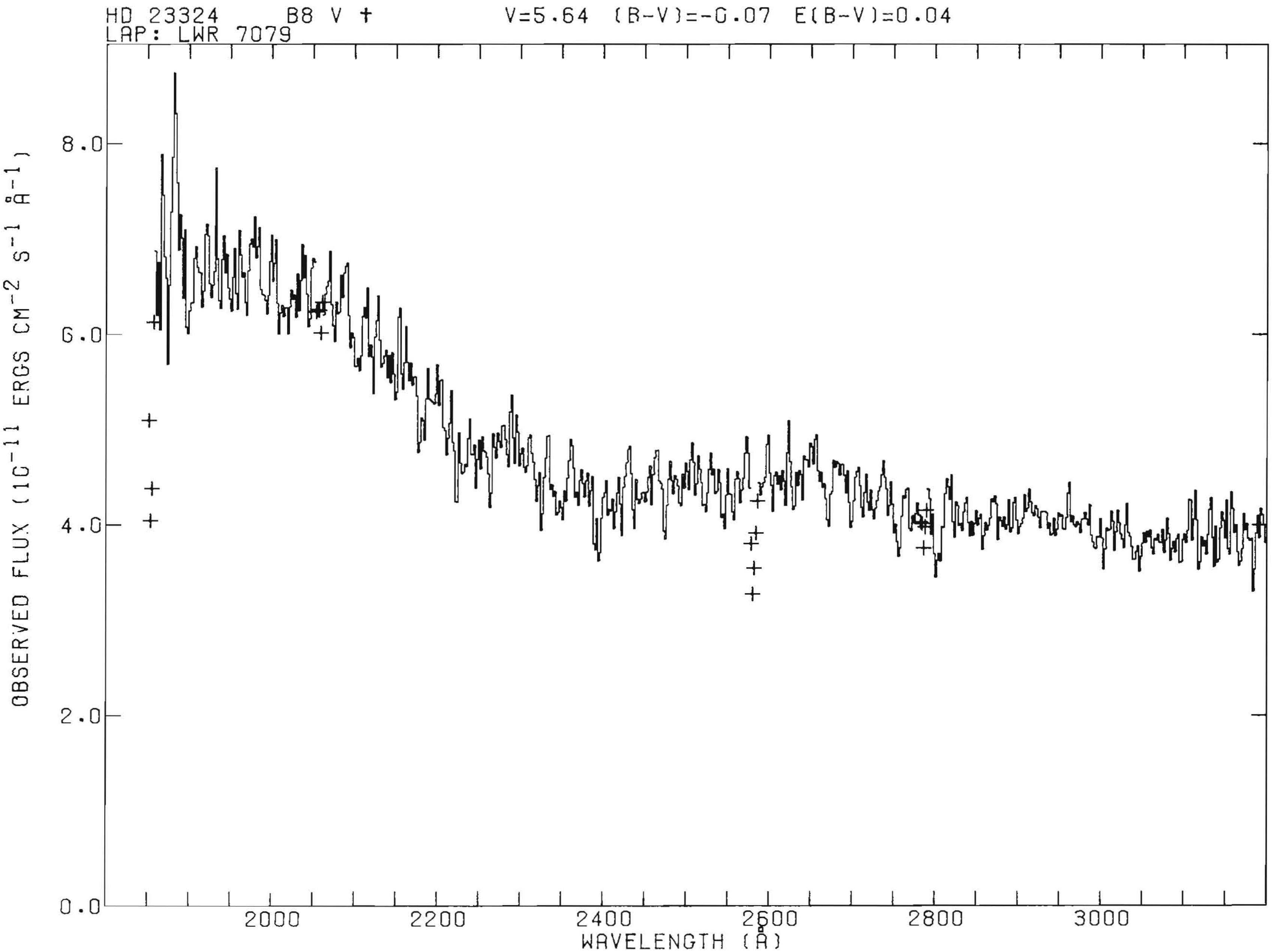

HD 29335 B7 V V=5.31 (B-V)=-0.12 E(B-V)=0.02
LAP: LWR 12159
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

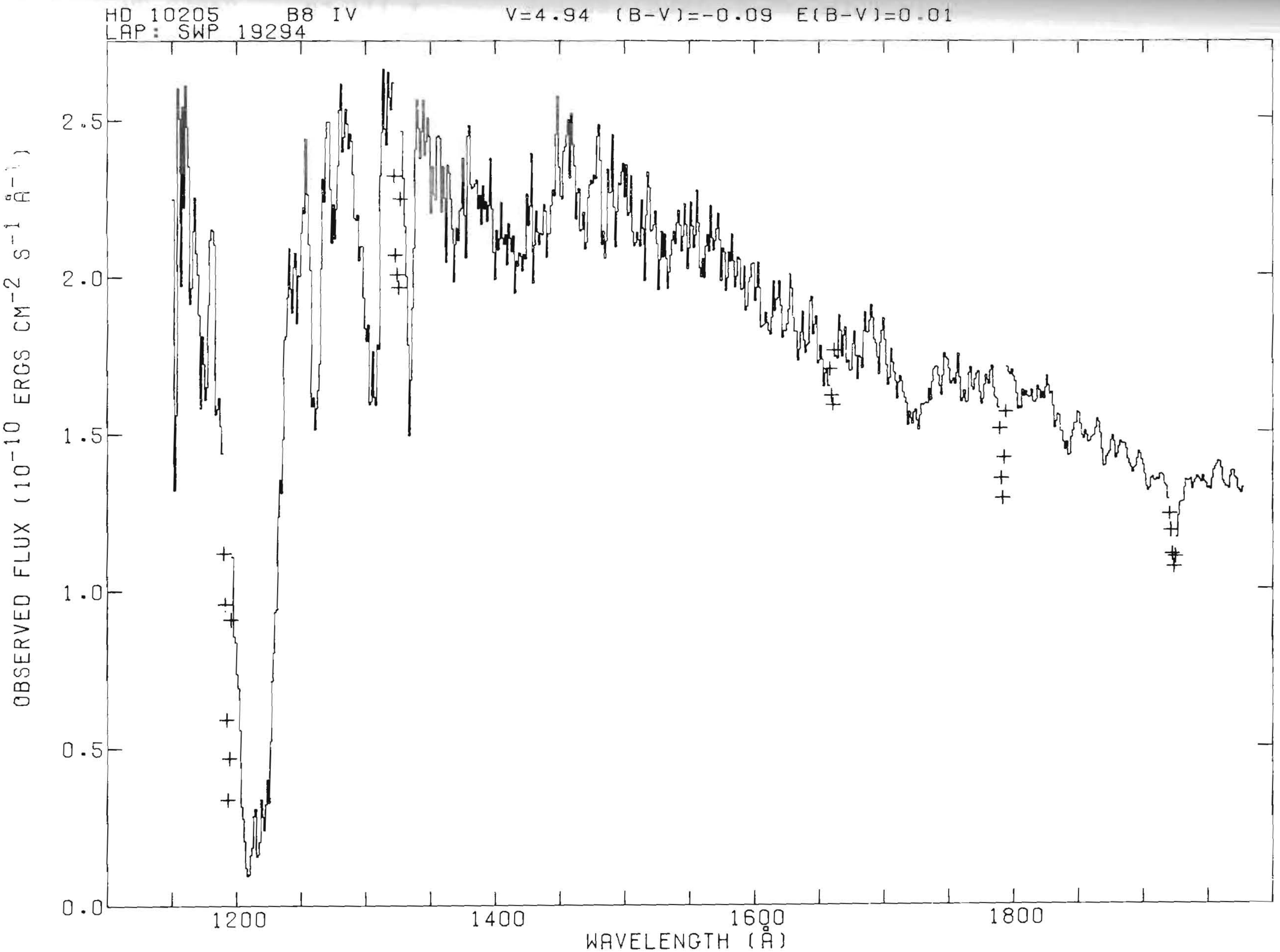

HD 23630 B7 III + V=2.87 (B-V)=-0.09 E(B-V)=0.03
LAP: SWP 8147
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1200
1400
1600
1800
WAVELENGTH (Å)

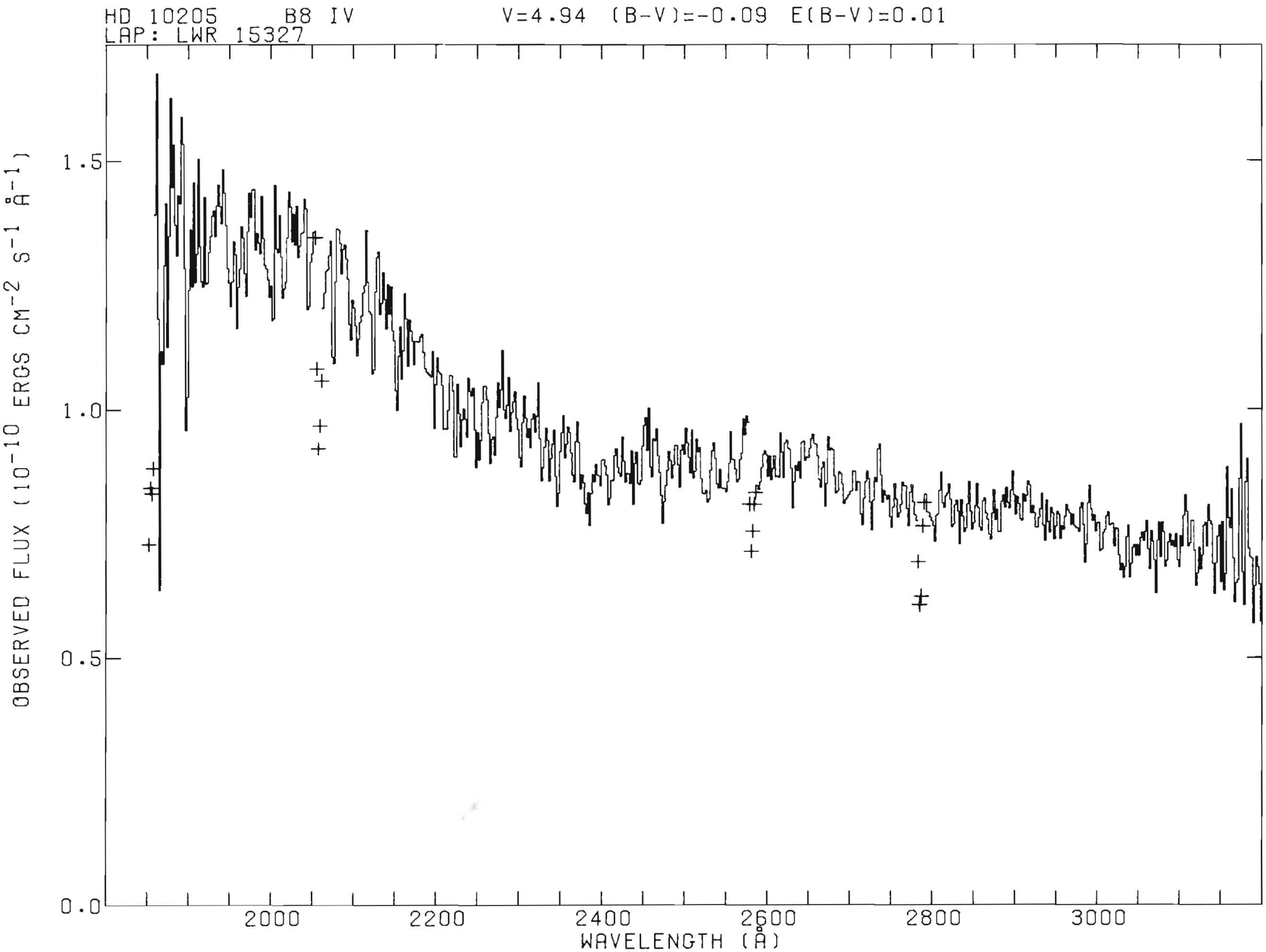

HD 23630 B7 III + V=2.87 (B-V)=-0.09 E(B-V)=0.03
LAP: LWR 7078
OBSERVED FLUX (10^-10 ERGS CM^-2 S^-1 Å^-1)
8.0
6.0
4.0
2.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

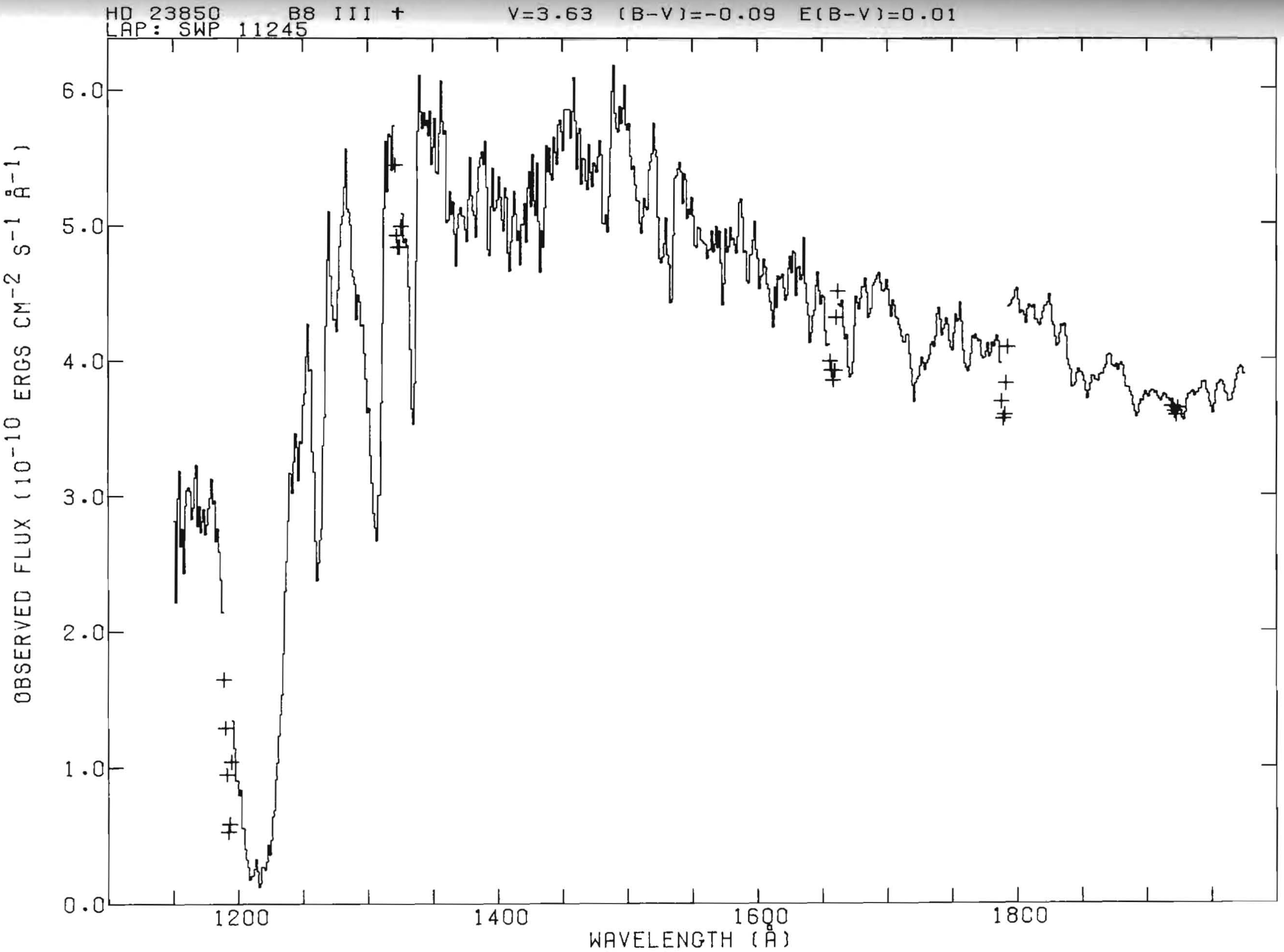
HD 23324 B8 V + V=5.64 (B-V)=-0.07 E(B-V)=0.04
LAP: SWP 8148

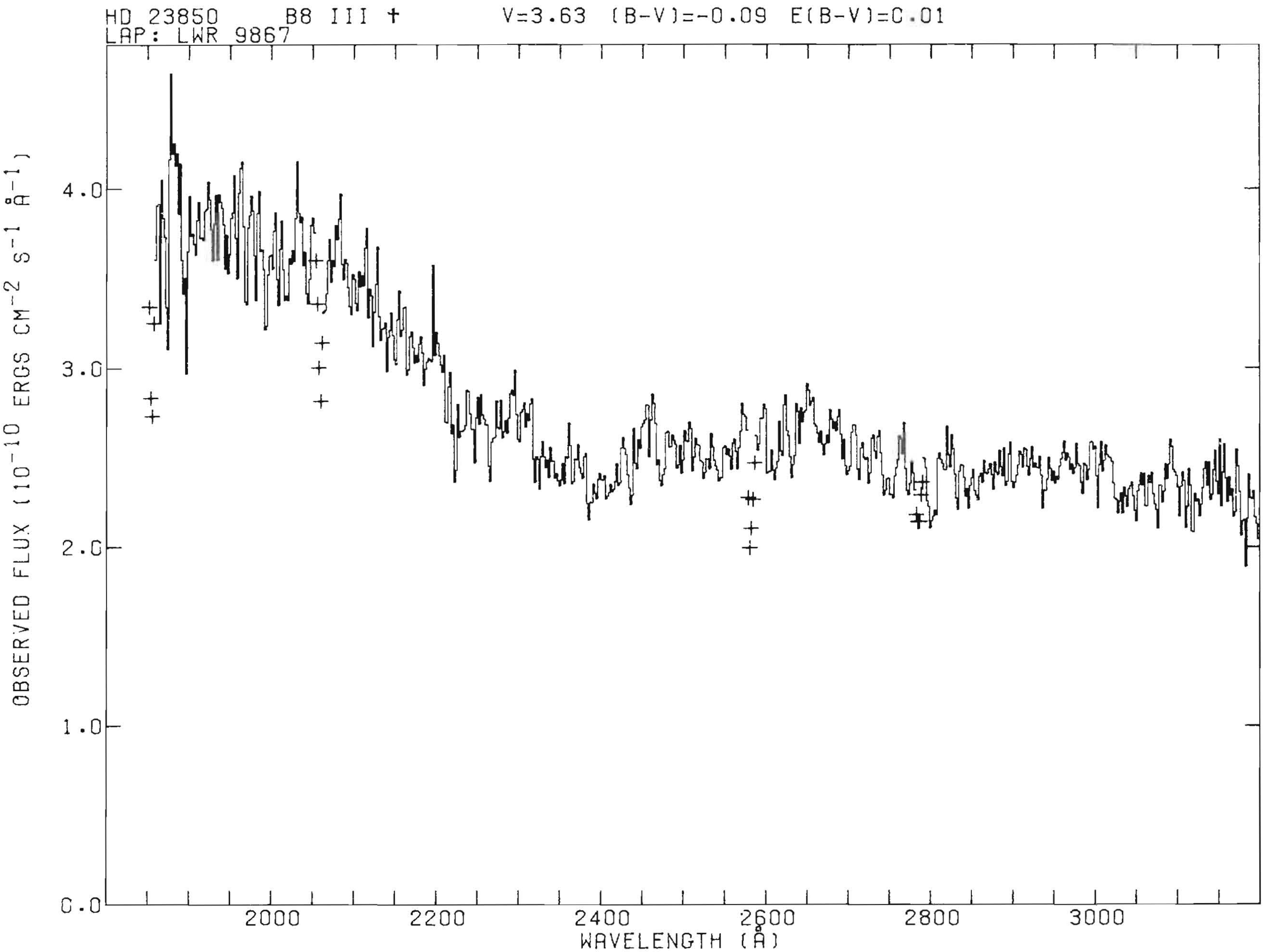


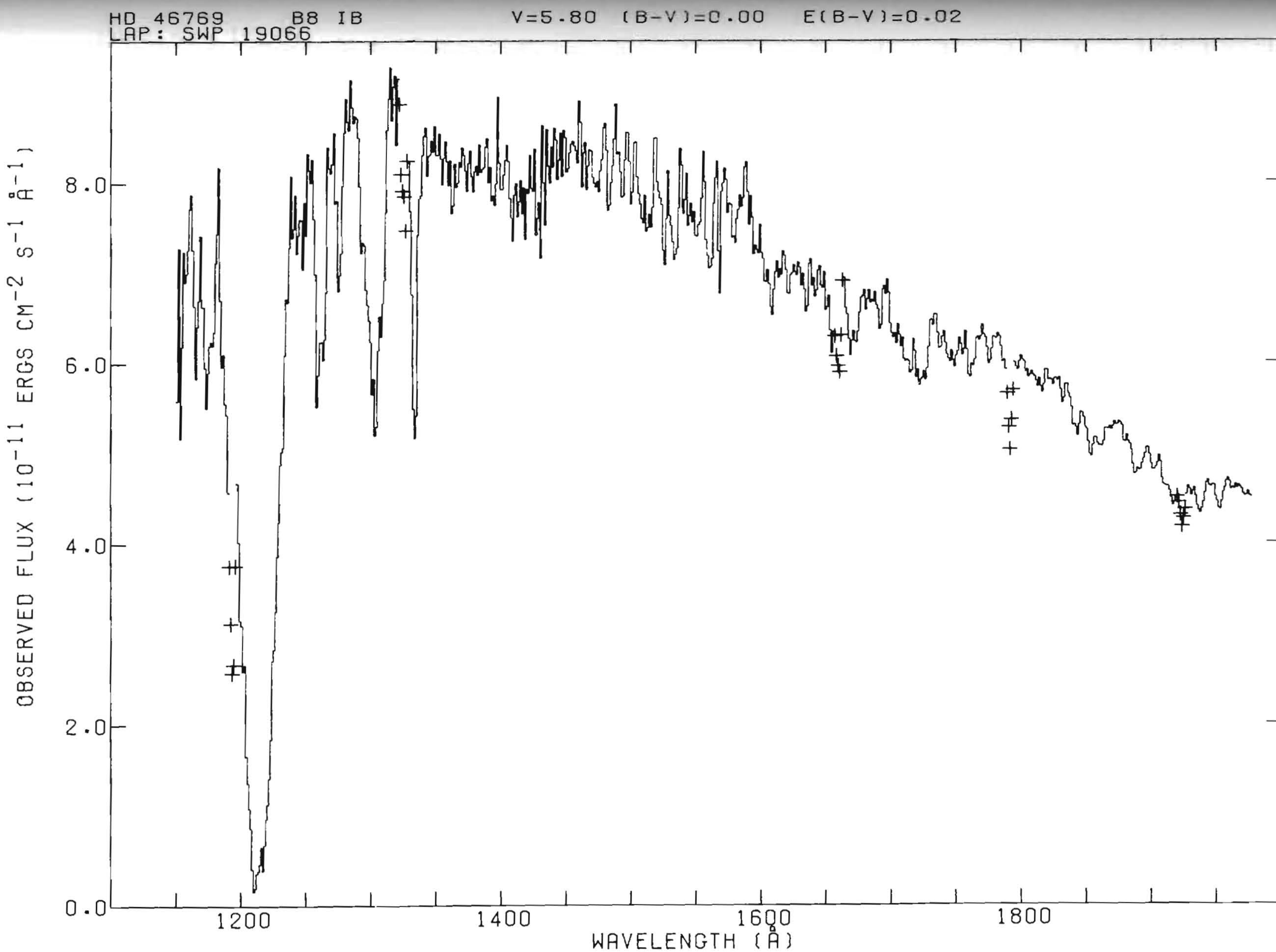

HD 23324 B8 V + V=5.64 (B-V)=-0.07 E(B-V)=0.04
LAP: LWR 7079
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
2.0
4.0
6.0
8.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 10205 B8 IV V=4.94 (B-V)=-0.09 E(B-V)=0.01
LAP: SWP 19294
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
2.0
2.5
1200
1400
1600
1800
WAVELENGTH (Å)

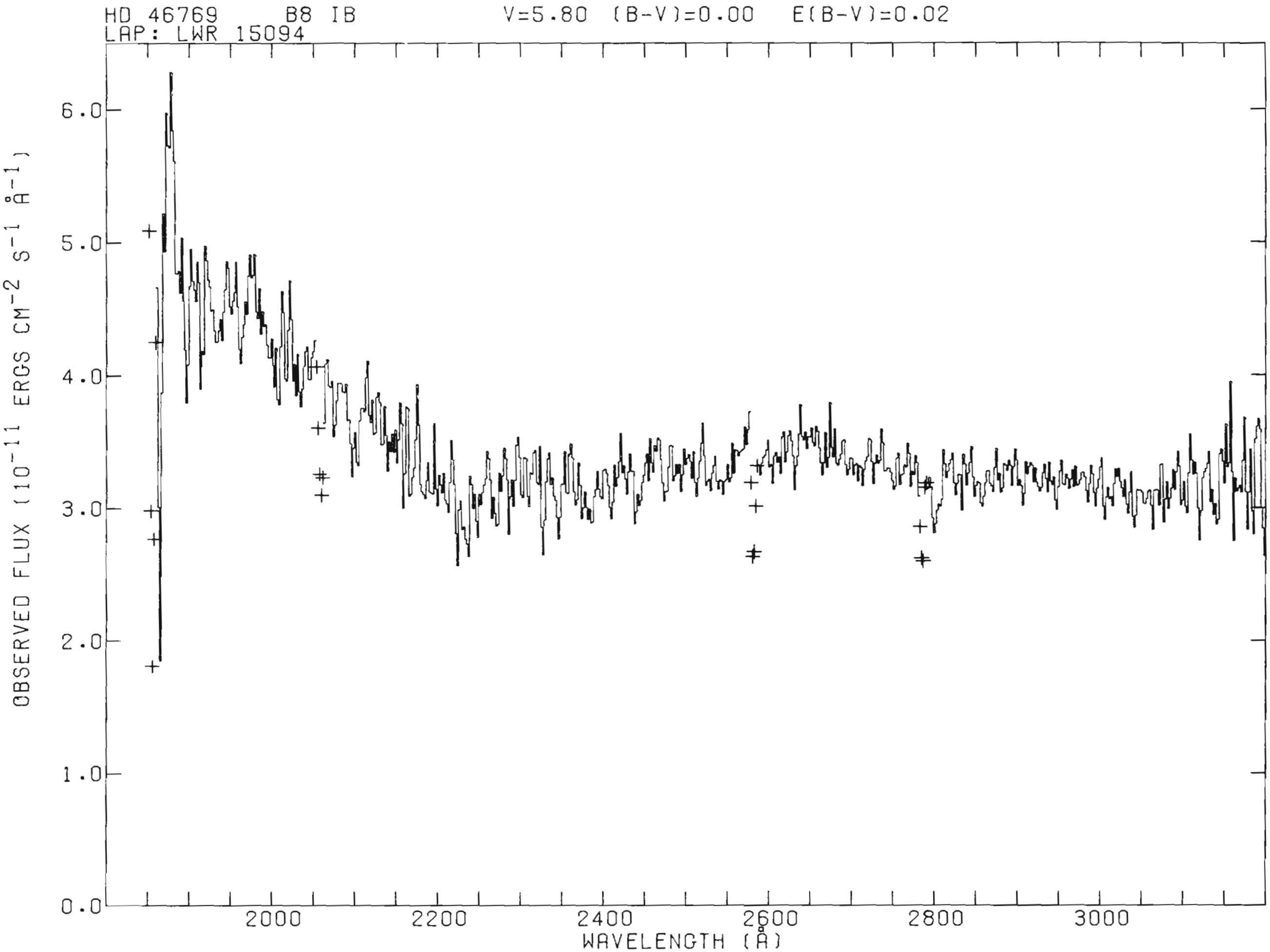

HD 10205 B8 IV V=4.94 (B-V)=-0.09 E(B-V)=0.01
LAP: LWR 15327
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} Å^{-1})
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 23850 B8 III + V=3.63 (B-V)=-0.09 E(B-V)=0.01
LAP: SWP 11245
OBSERVED FLUX (10-10 ERGS CM-2 S-1 Å-1)
0.0
1.0
2.0
3.0
4.0
5.0
6.0
1200
1400
1600
1800
WAVELENGTH (Å)

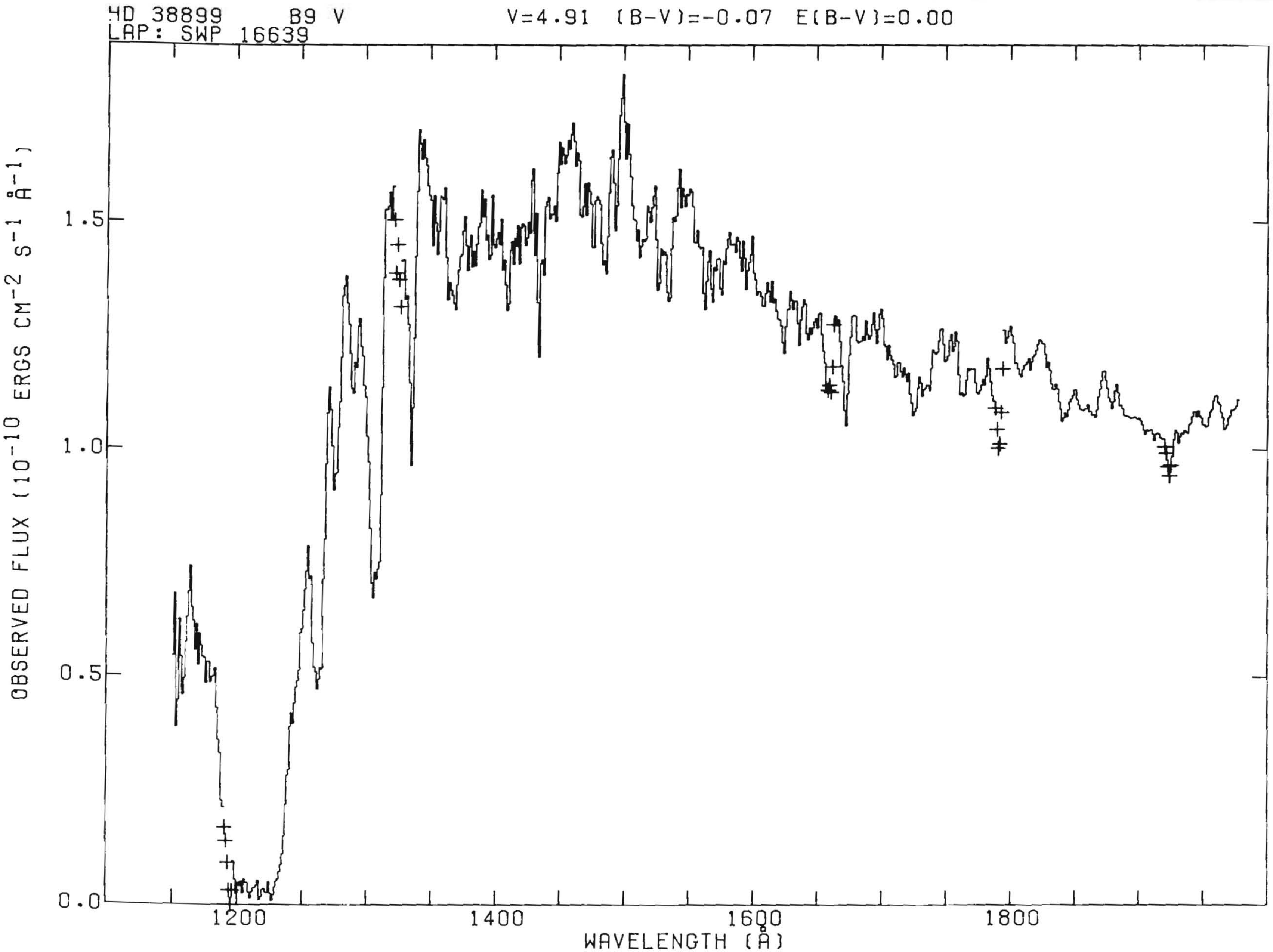

HD 23850 B8 III + V=3.63 (B-V)=-0.09 E(B-V)=0.01
LAP: LWR 9867
OBSERVED FLUX (10^-10 ERGS CM^-2 S^-1 Å^-1)
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

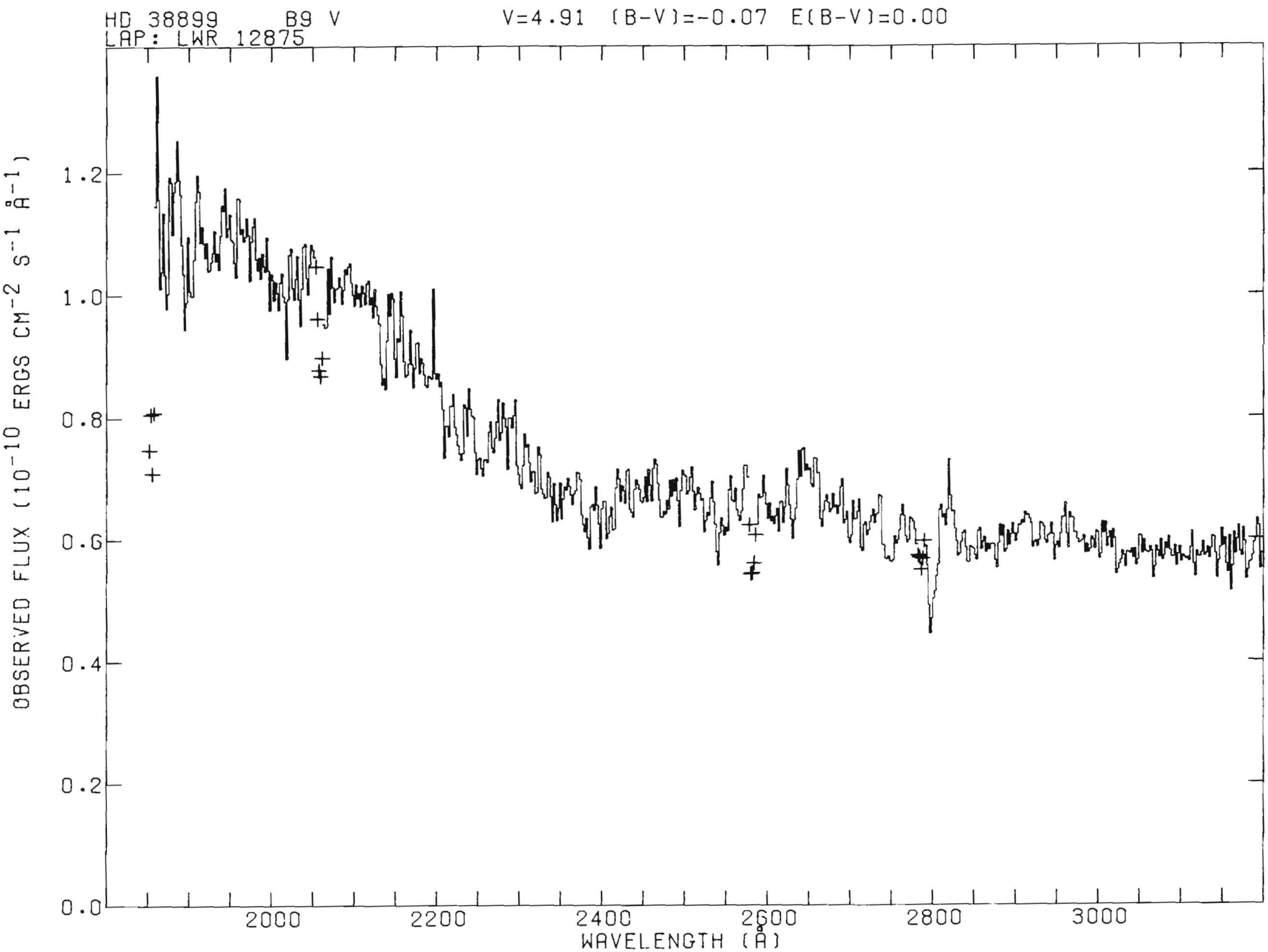


HD 46769 B8 IB V=5.80 (B-V)=0.00 E(B-V)=0.02
LAP: SWP 19066
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
8.0
6.0
4.0
2.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

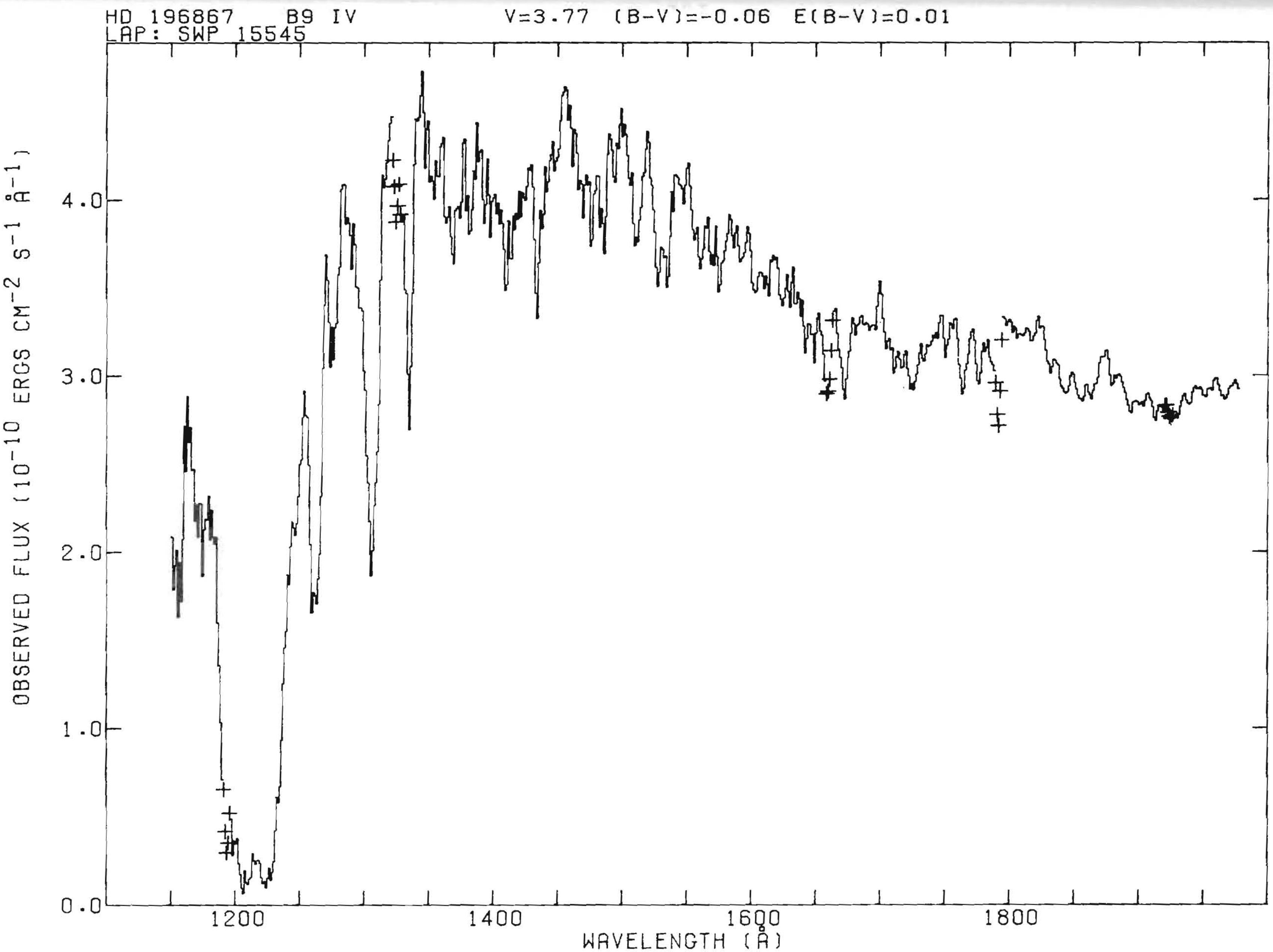


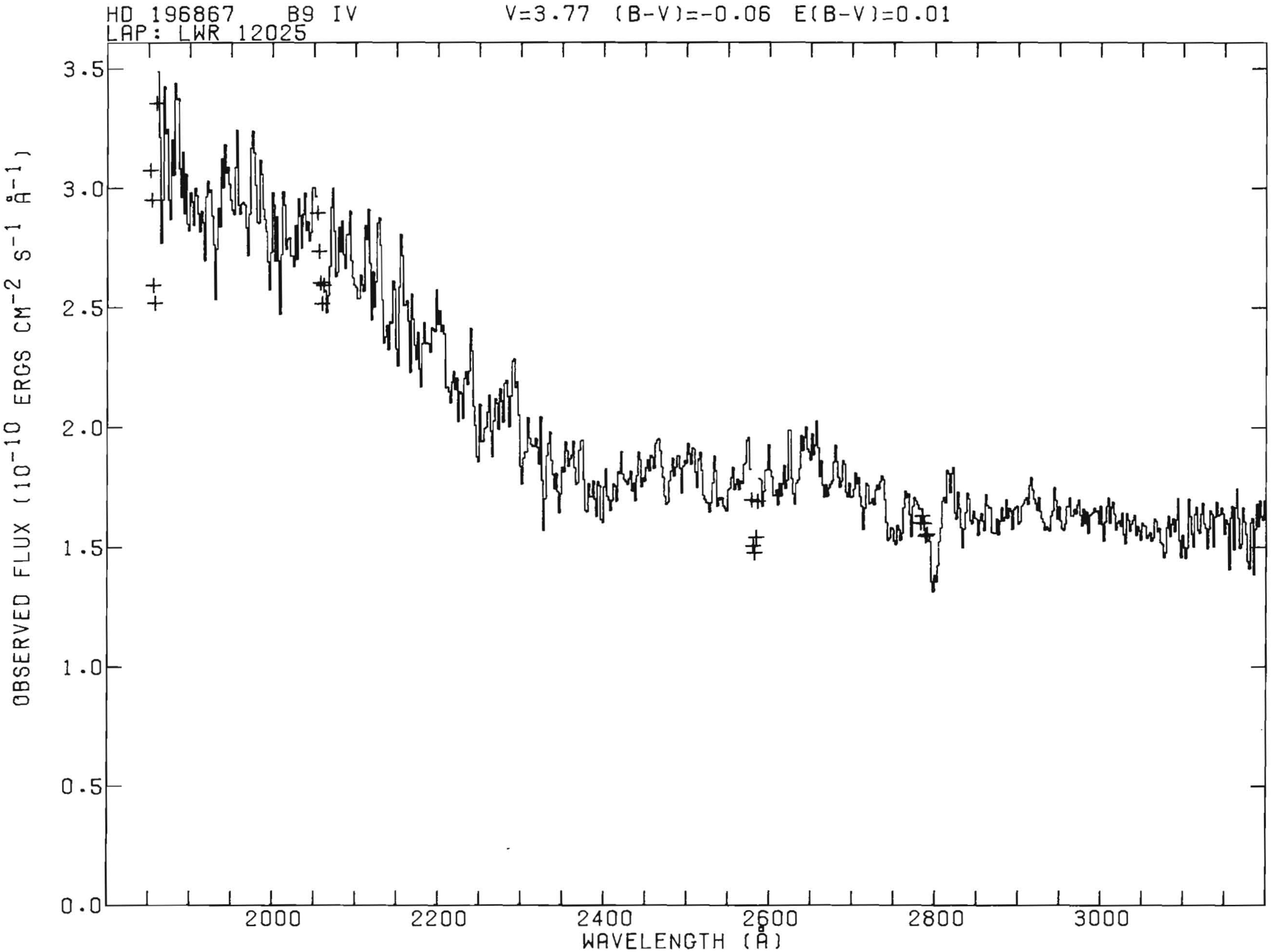
HD 46769 B8 IB V=5.80 (B-V)=0.00 E(B-V)=0.02
LAP: LWR 15094
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
1.0
2.0
3.0
4.0
5.0
6.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

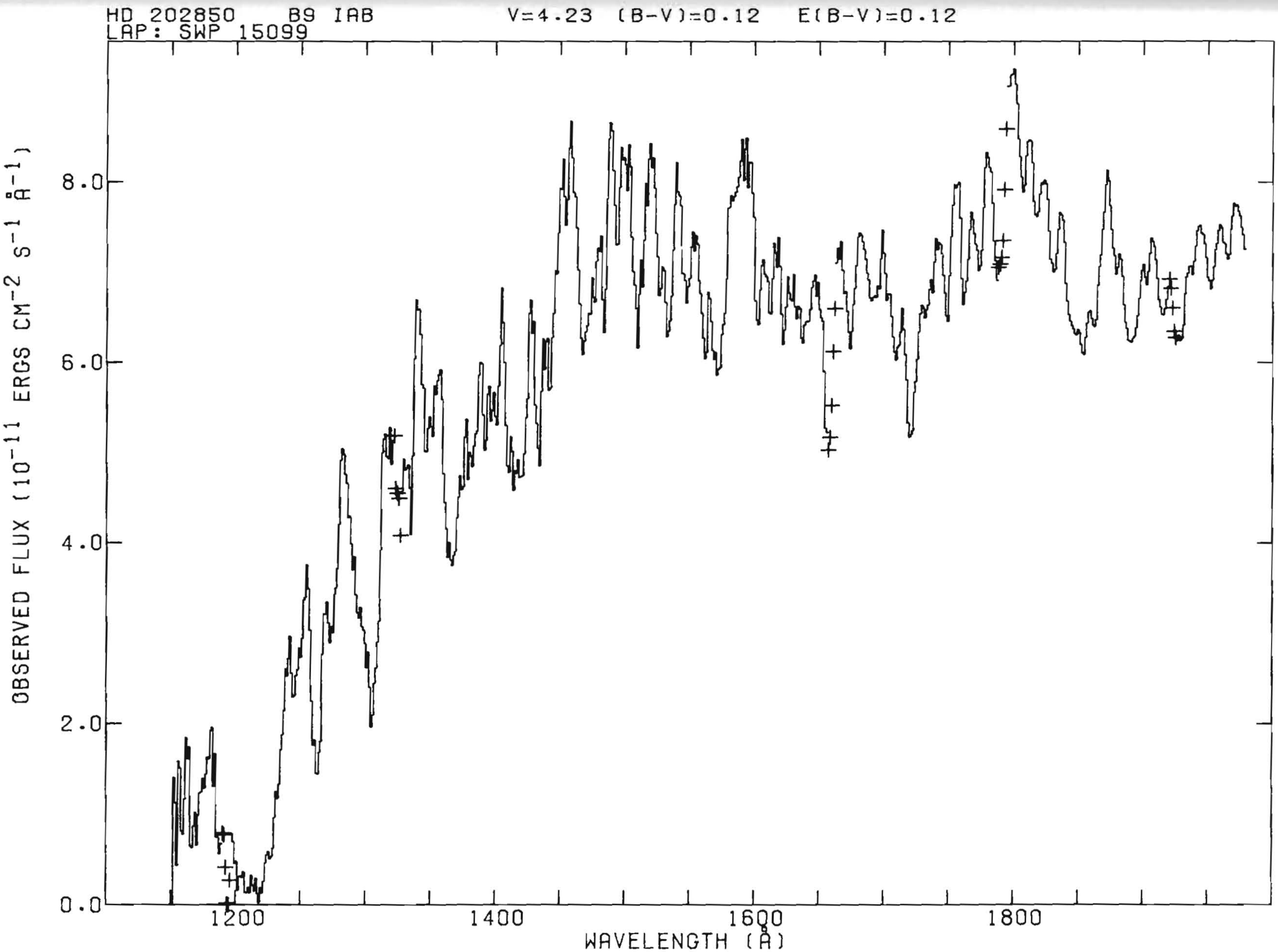

HD 38899 B9 V V=4.91 (B-V)=-0.07 E(B-V)=0.00
LAP: SWP 16639
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $\AA^{-1}$)
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)



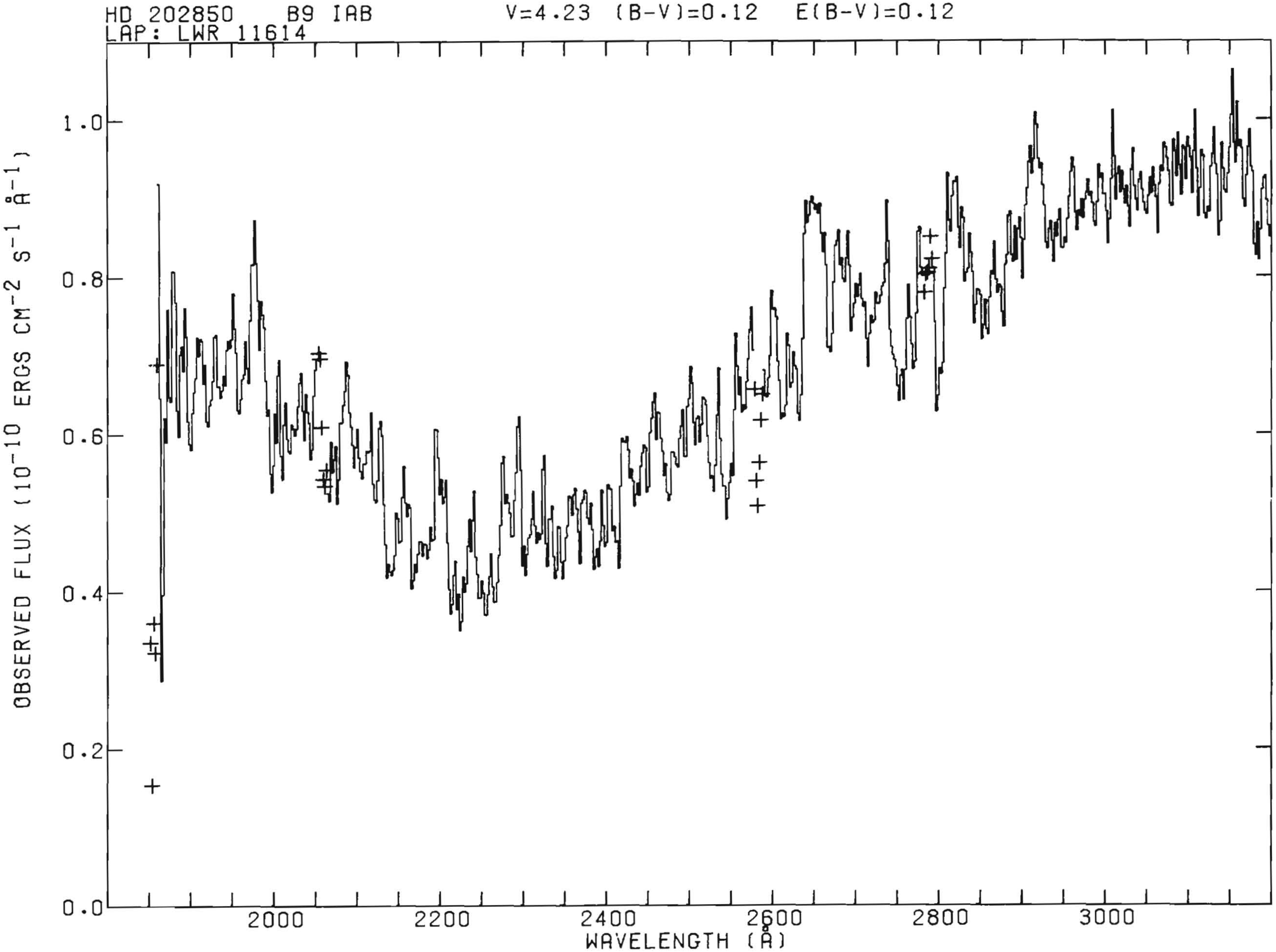
HD 38899 B9 V
LAP: LWR 12875
V=4.91 (B-V)=-0.07 E(B-V)=0.00
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} Å^{-1})
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

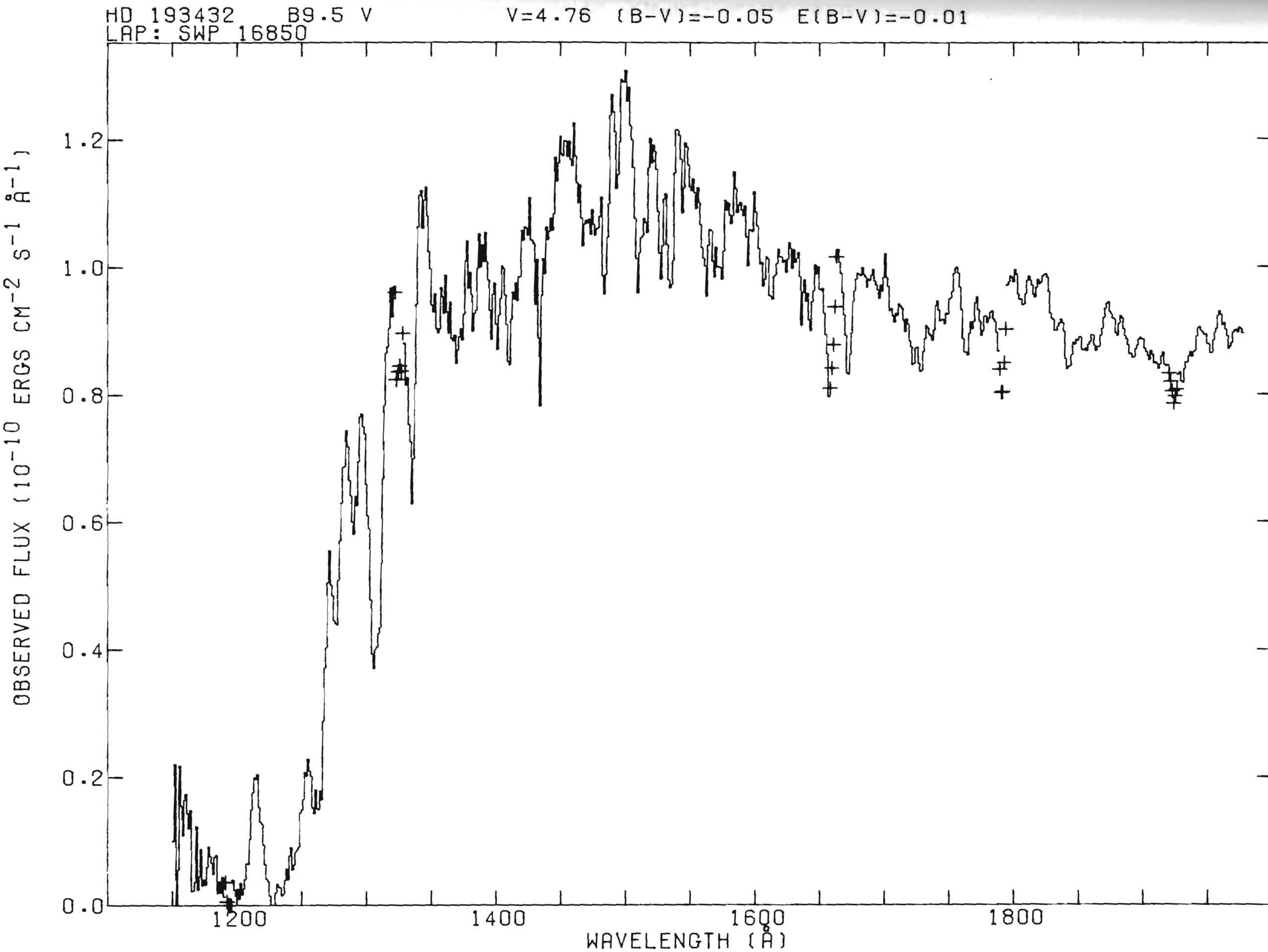

HD 196867 B9 IV V=3.77 (B-V)=-0.06 E(B-V)=0.01
LAP: SWP 15545
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

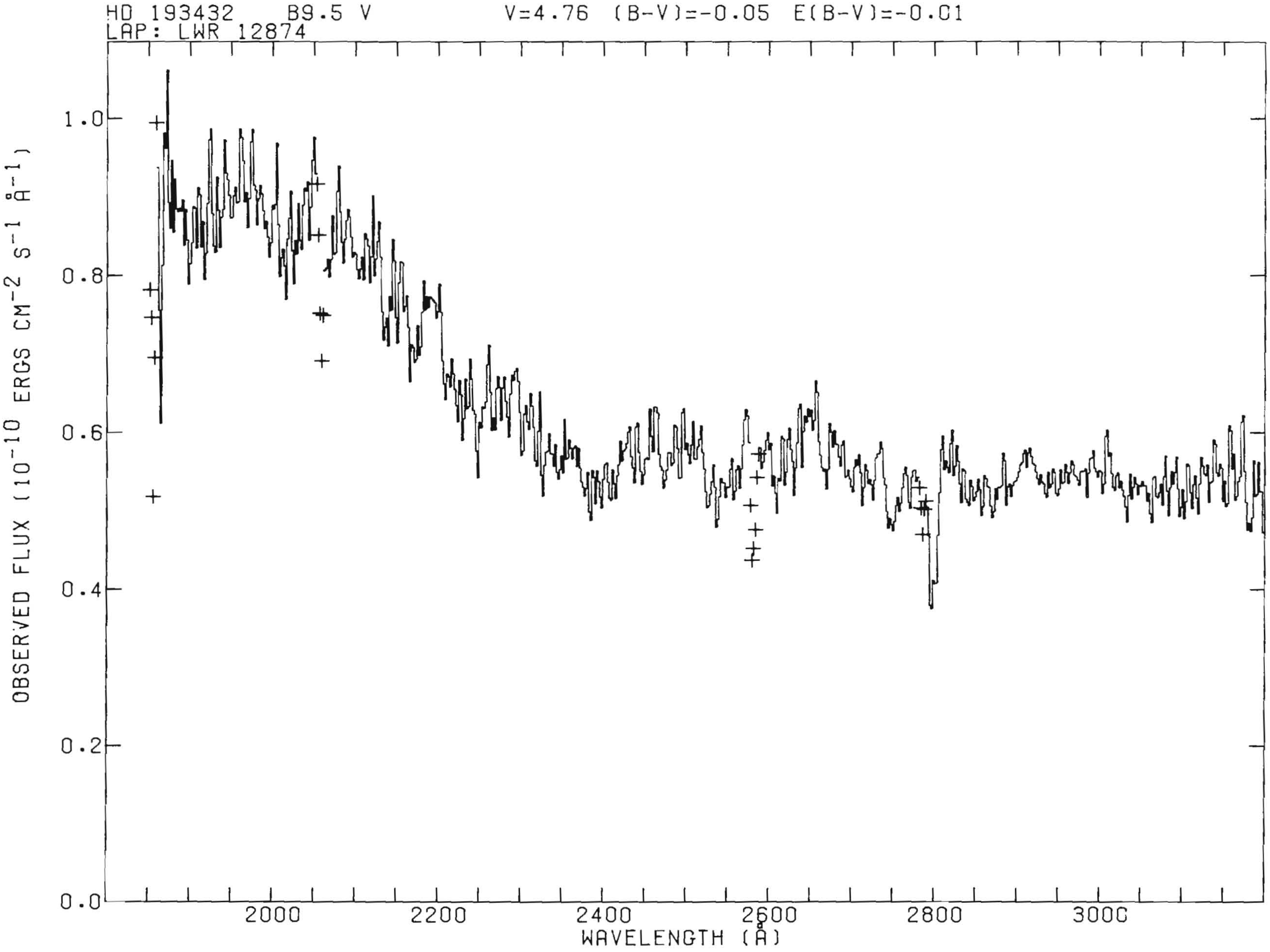

HD 196867 B9 IV
V=3.77 (B-V)=-0.06 E(B-V)=0.01
LAP: LWR 12025
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
2000
2200
2400
2600
2800
3000

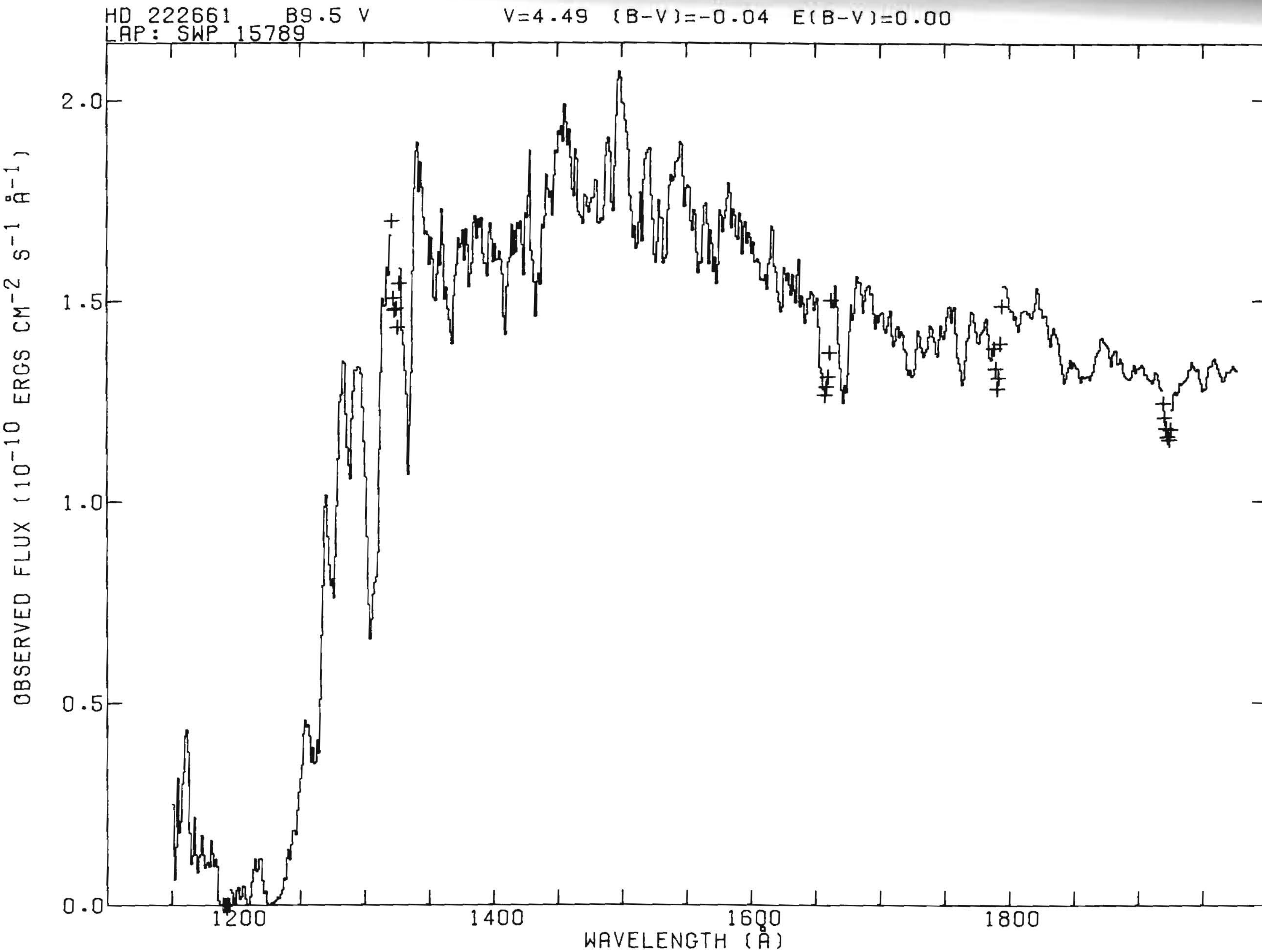


HD 202850 B9 IAB V=4.23 (B-V)=0.12 E(B-V)=0.12
LAP: SWP 15099
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
8.0
6.0
4.0
2.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

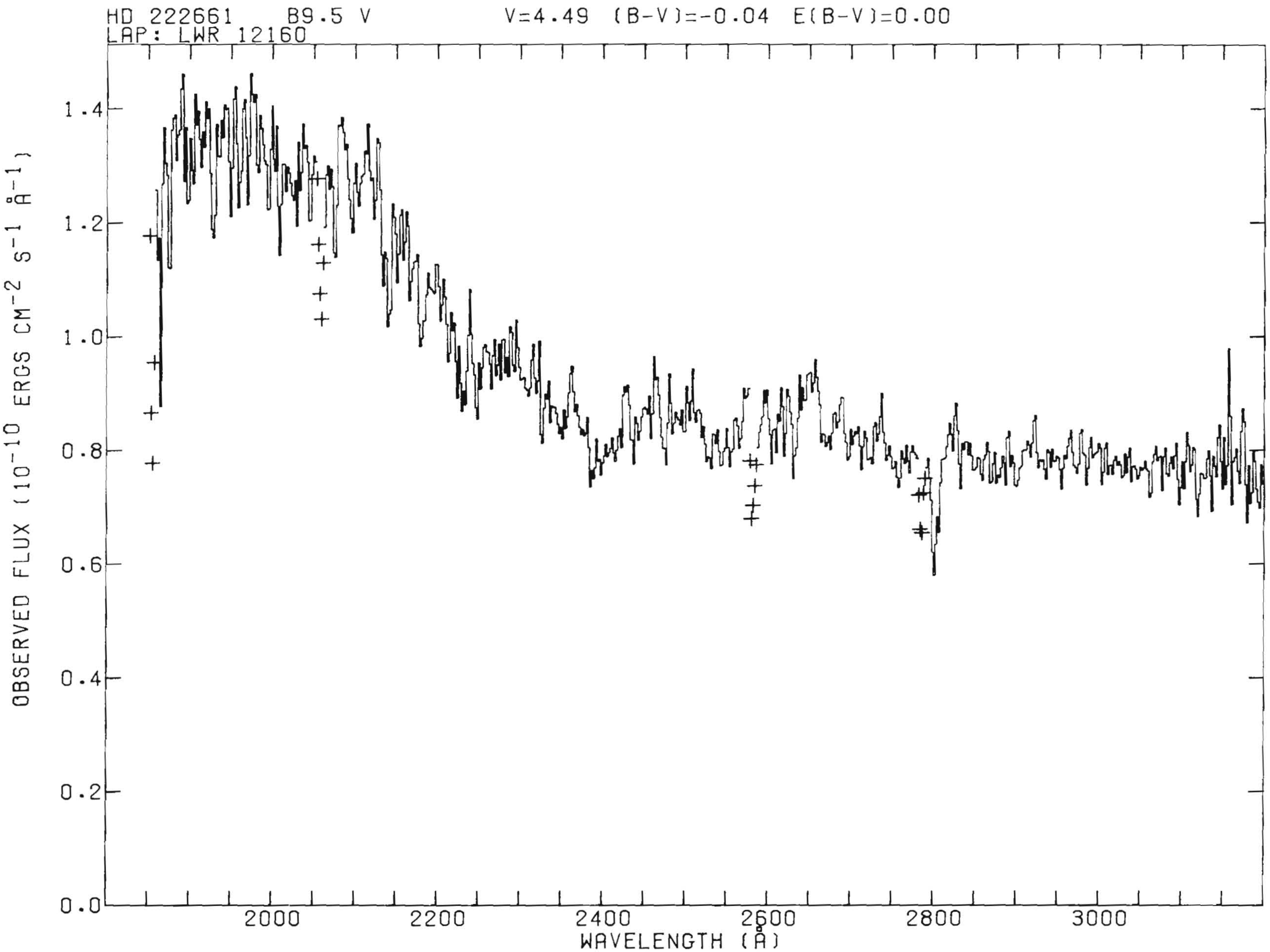

HD 202850 B9 IAB V=4.23 (B-V)=0.12 E(B-V)=0.12
LAP: LWR 11614
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 193432 B9.5 V V=4.76 (B-V)=-0.05 E(B-V)=-0.01
LAP: SWP 16850
OBSERVED FLUX (10⁻¹⁰ ERGS CM⁻² S⁻¹ Å⁻¹)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1200
1400
1600
1800
WAVELENGTH (Å)

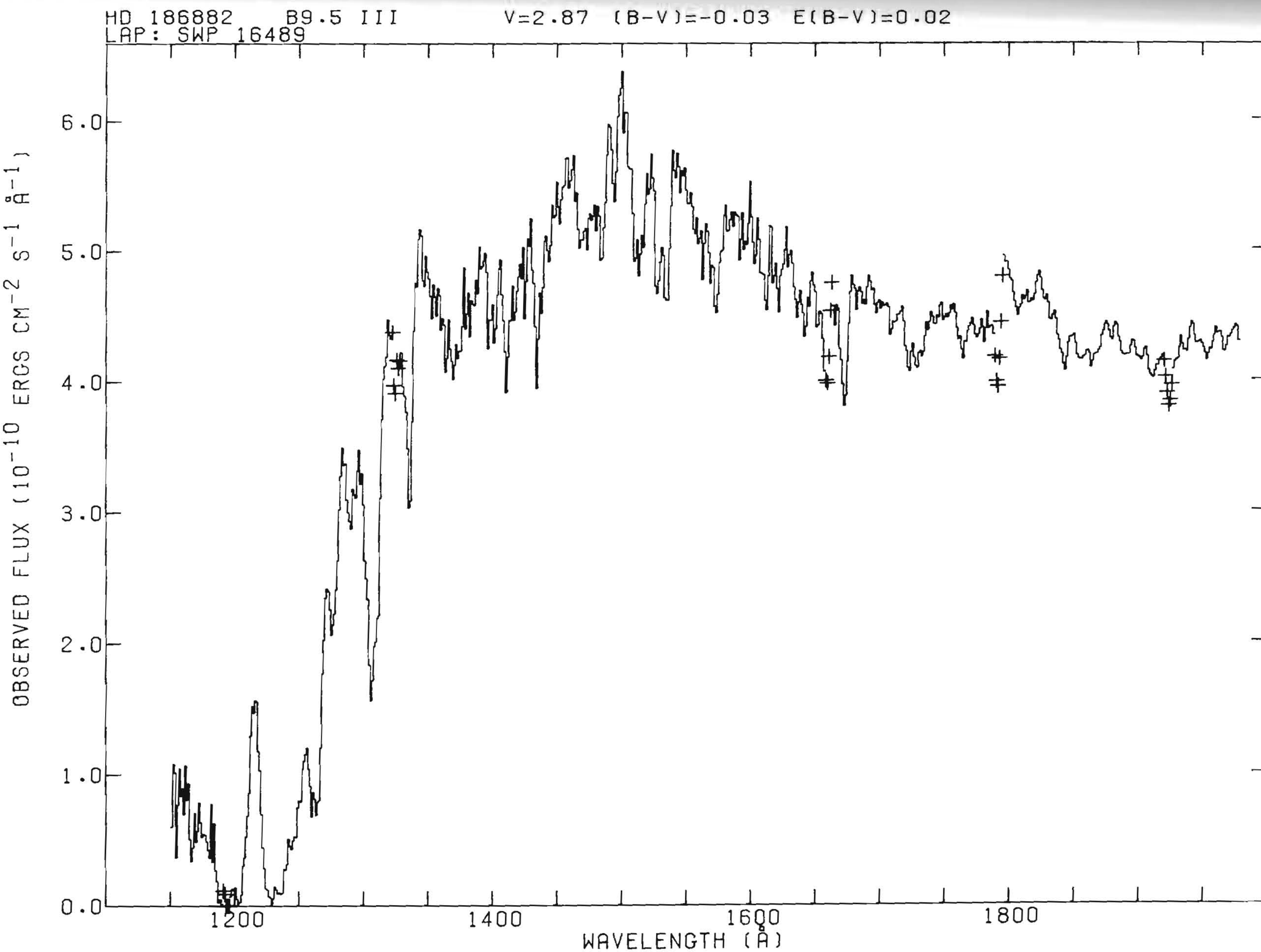

HD 193432 B9.5 V V=4.76 (B-V)=-0.05 E(B-V)=-0.01
LAP: LWR 12874
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

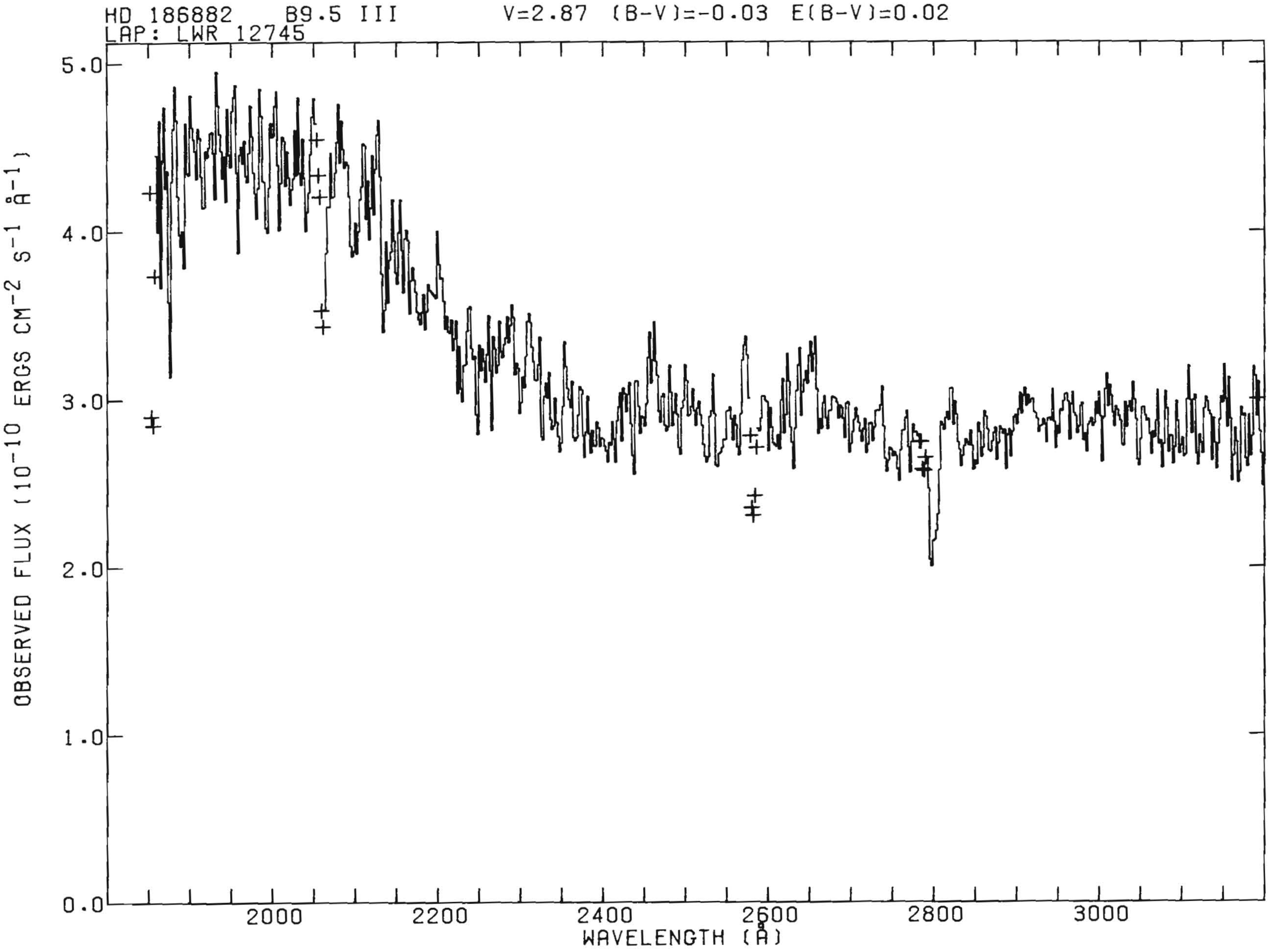


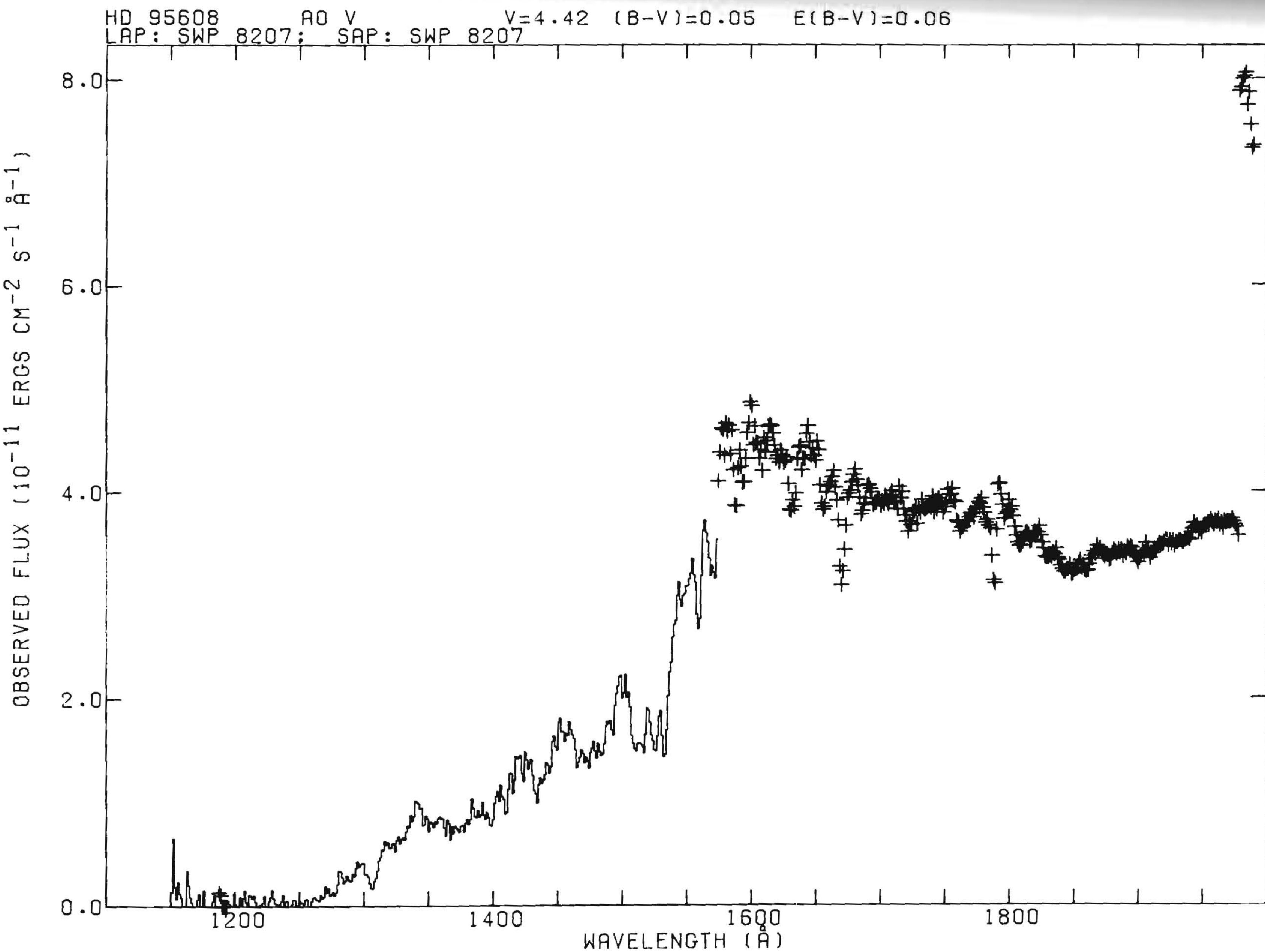
HD 222661 B9.5 V V=4.49 (B-V)=-0.04 E(B-V)=0.00
LAP: SWP 15789
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
2.0
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

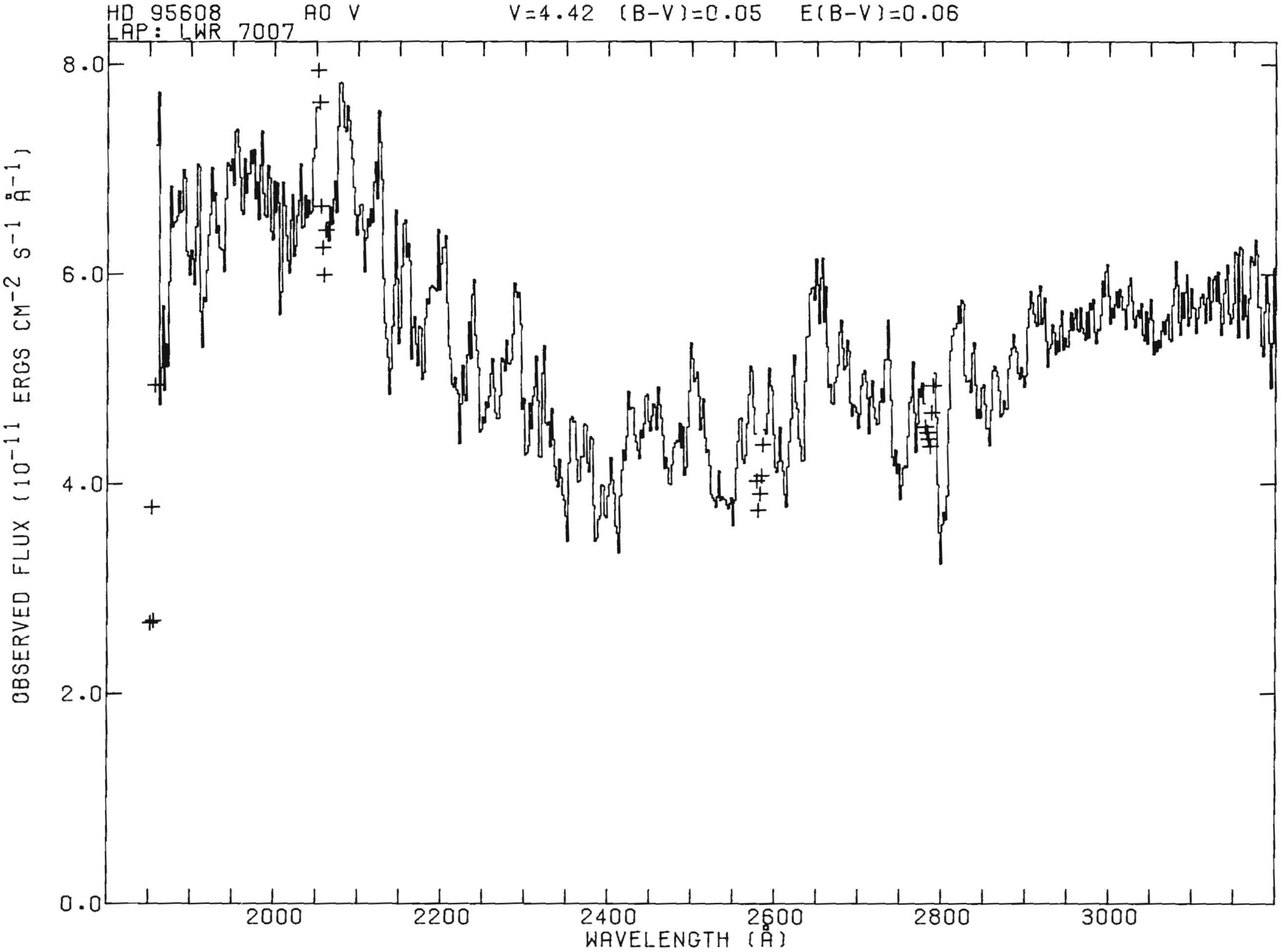


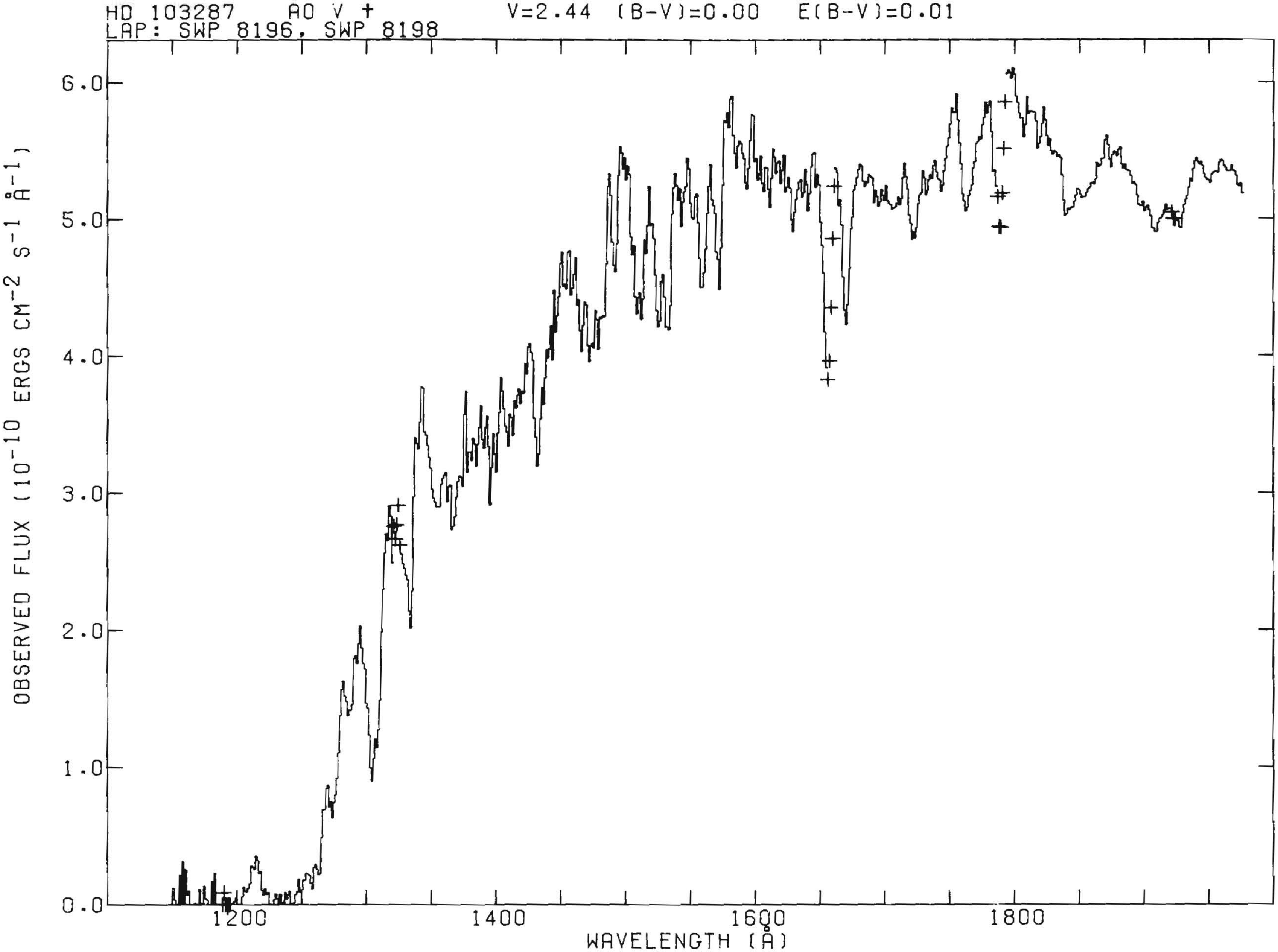
HD 222661 B9.5 V V=4.49 (B-V)=-0.04 E(B-V)=0.00
LAP: LWR 12160
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

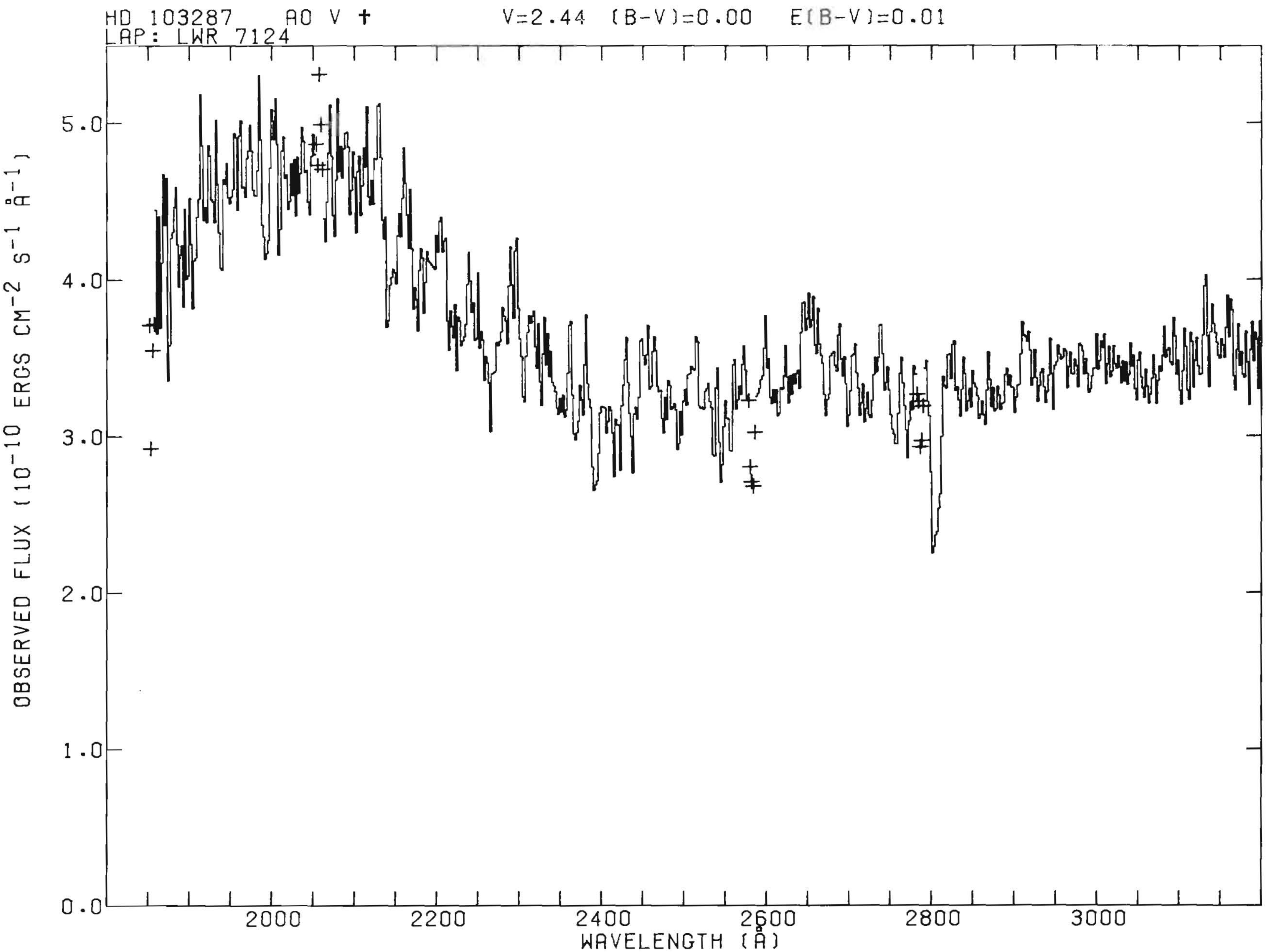

HD 186882 B9.5 III V=2.87 (B-V)=-0.03 E(B-V)=0.02
LAP: SWP 16489
OBSERVED FLUX (10-10 ERGS CM-2 S-1 Å-1)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

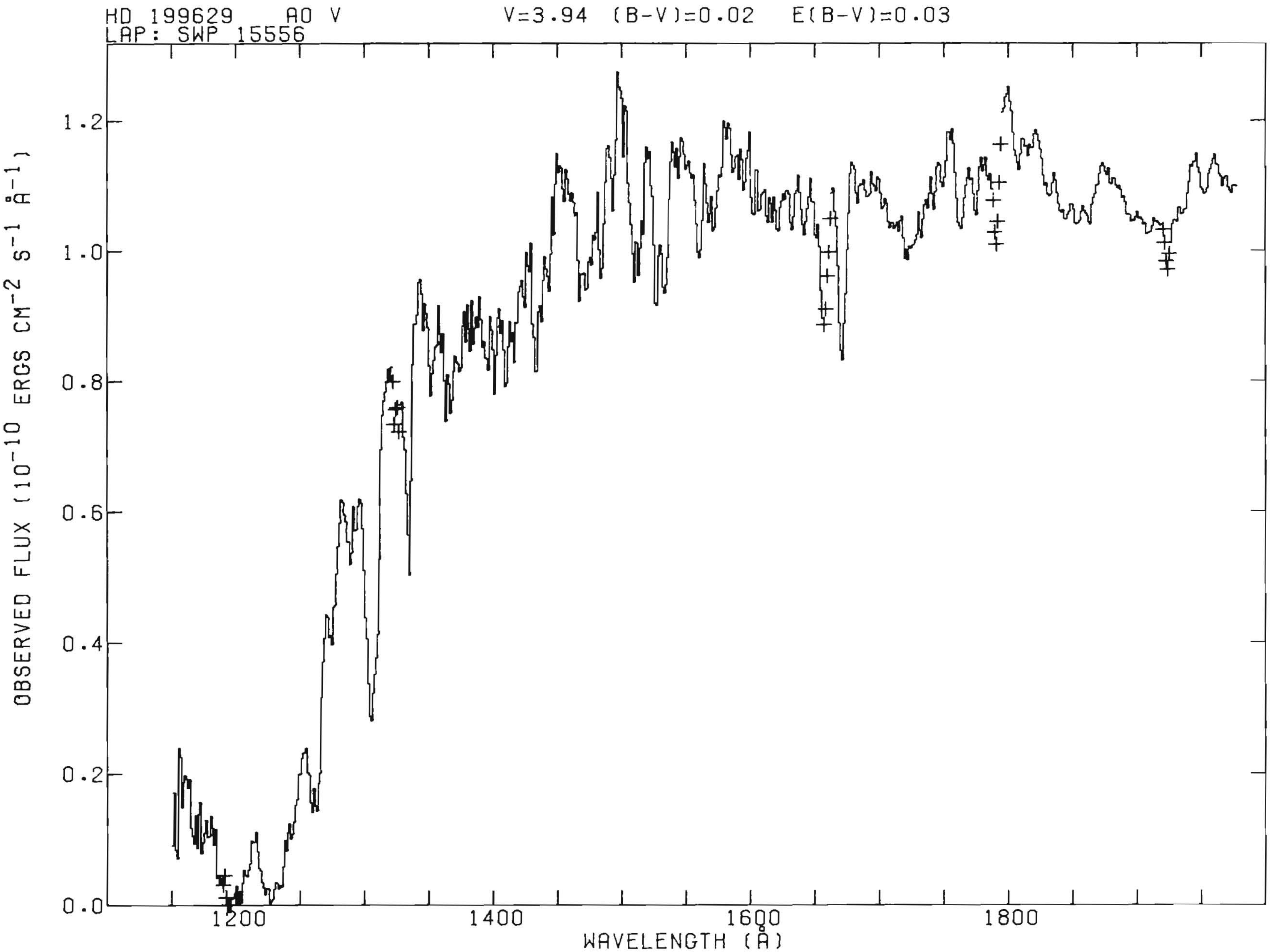

HD 186882 B9.5 III V=2.87 (B-V)=-0.03 E(B-V)=0.02
LAP: LWR 12745
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $\AA^{-1}$)
5.0
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

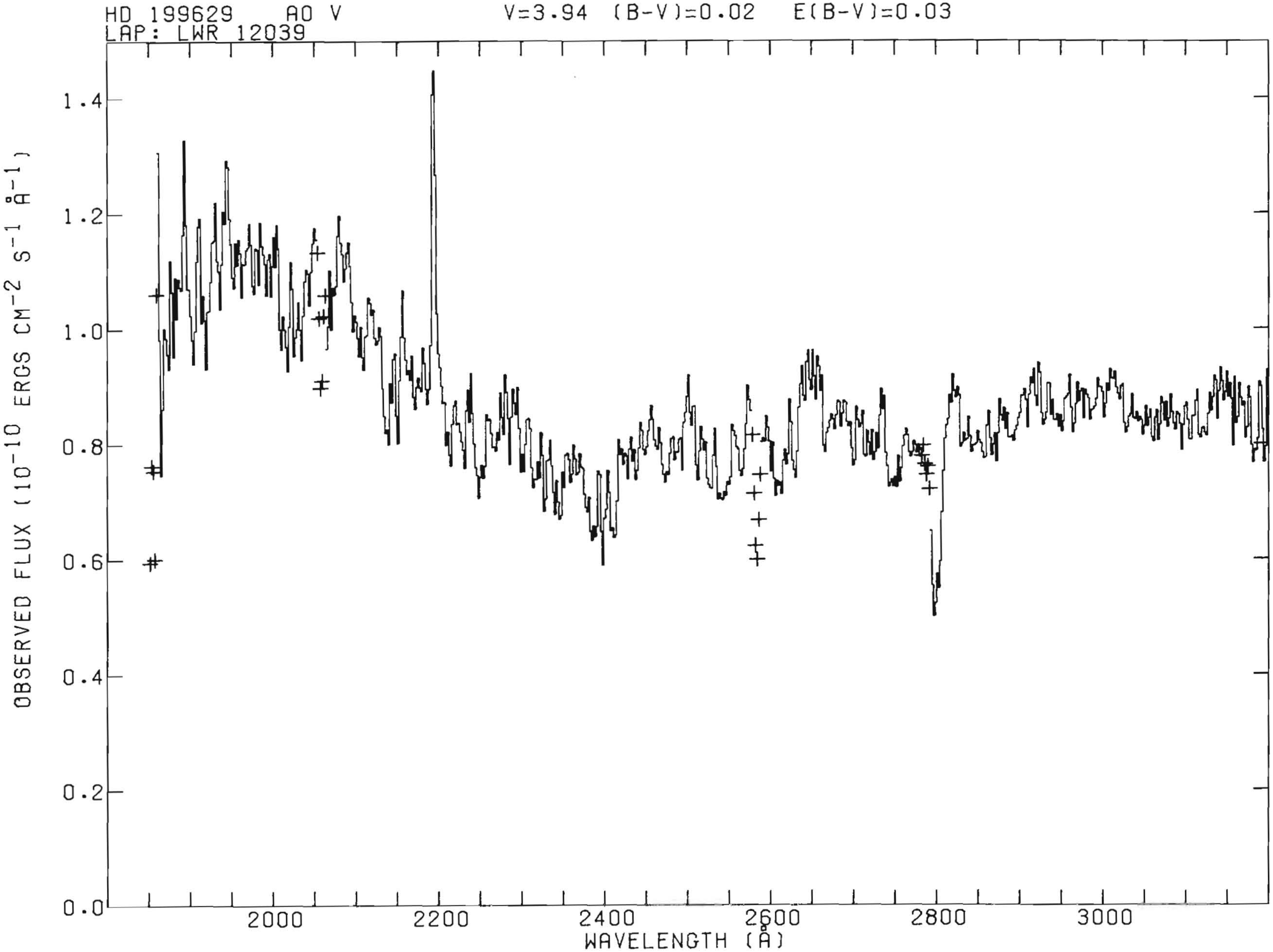

HD 95608 A0 V V=4.42 (B-V)=0.05 E(B-V)=0.06
LAP: SWP 8207; SAP: SWP 8207
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
8.0
6.0
4.0
2.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

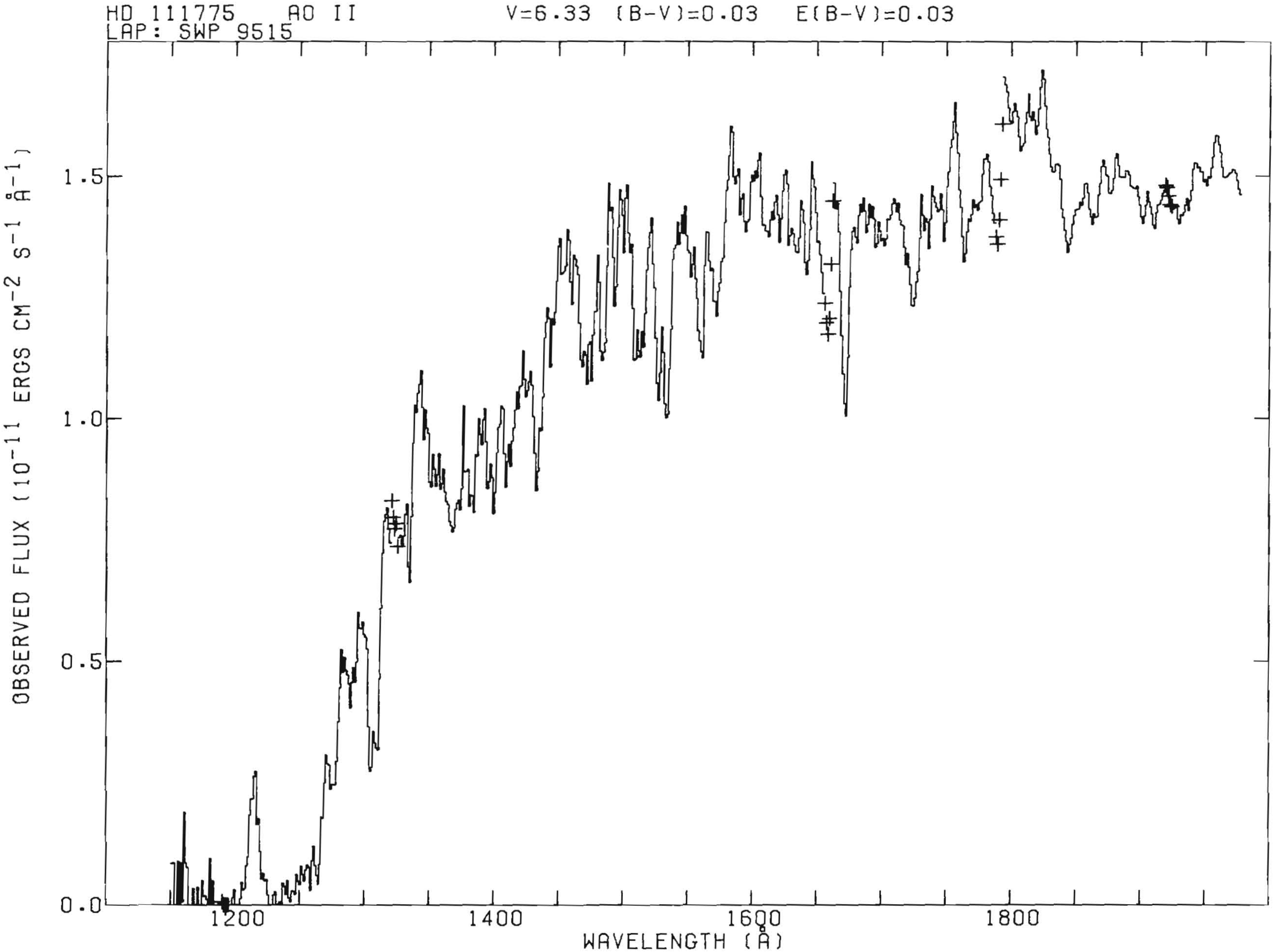

HD 95608 A0 V V=4.42 (B-V)=0.05 E(B-V)=0.06
LAP: LWR 7007
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
8.0
6.0
4.0
2.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

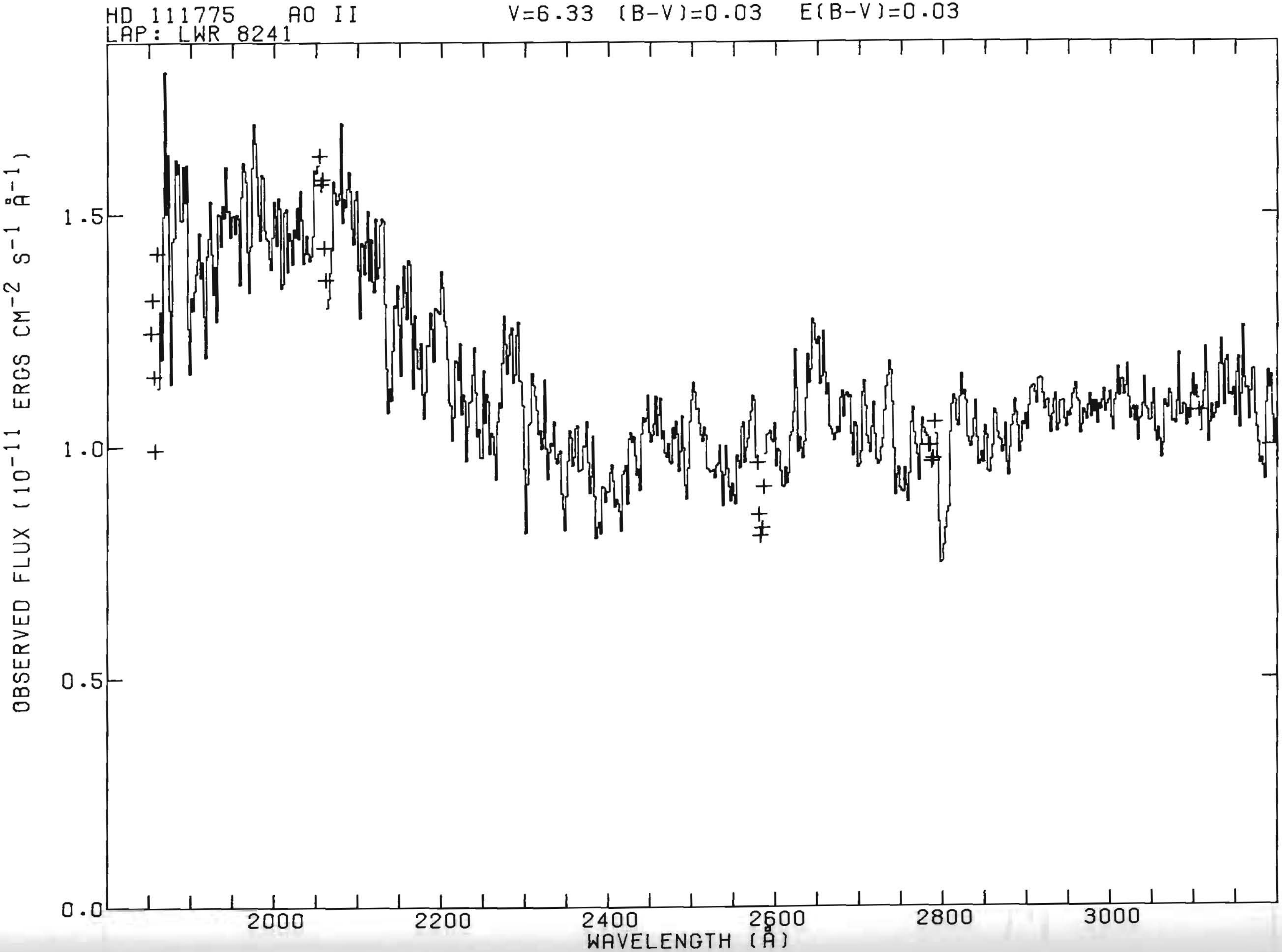

HD 103287 A0 V + V=2.44 (B-V)=0.00 E(B-V)=0.01
LAP: SWP 8196, SWP 8198
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

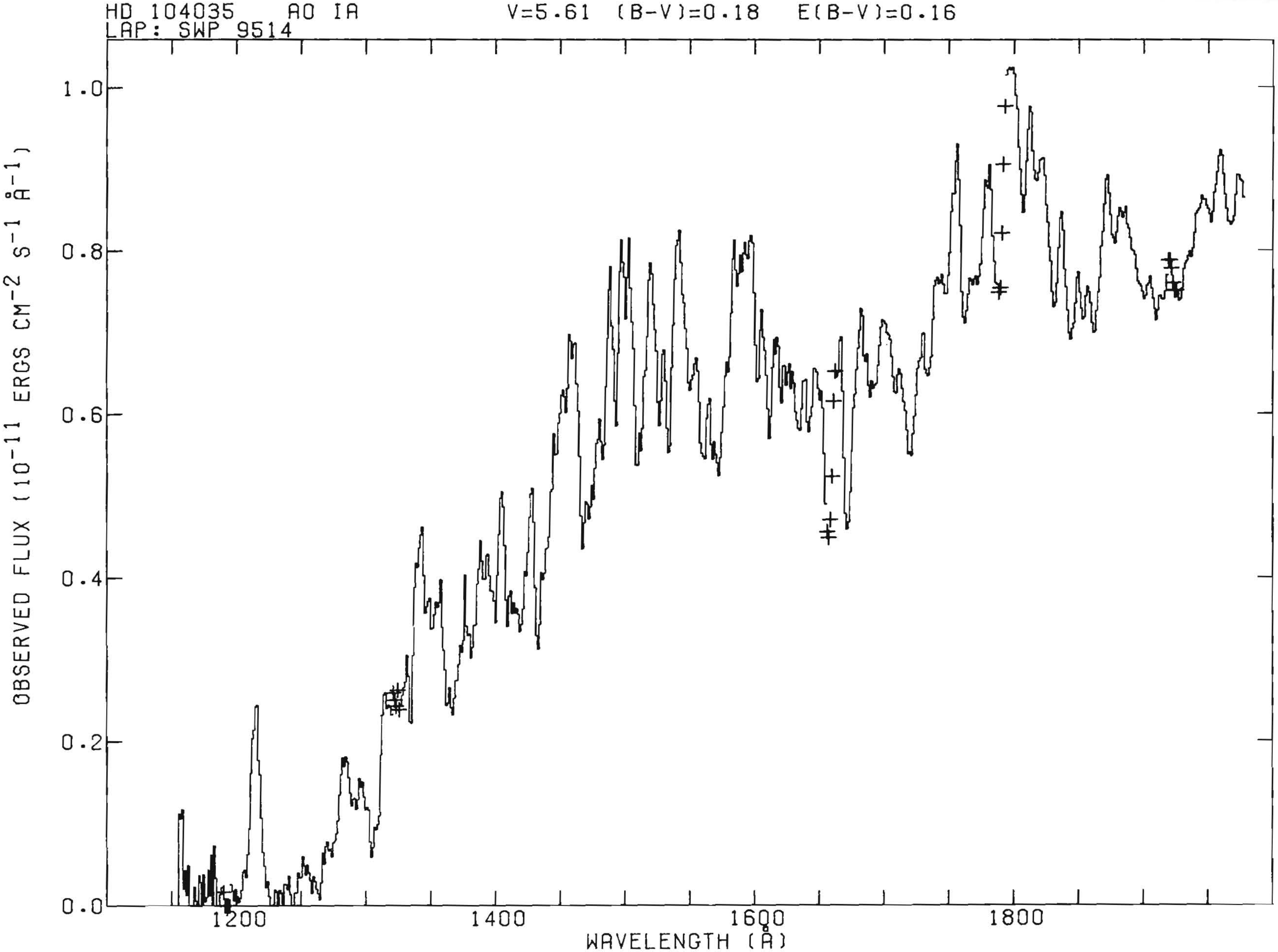

HD 103287 A0 V +
V=2.44 (B-V)=0.00 E(B-V)=0.01
LAP: LWR 7124
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
5.0
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

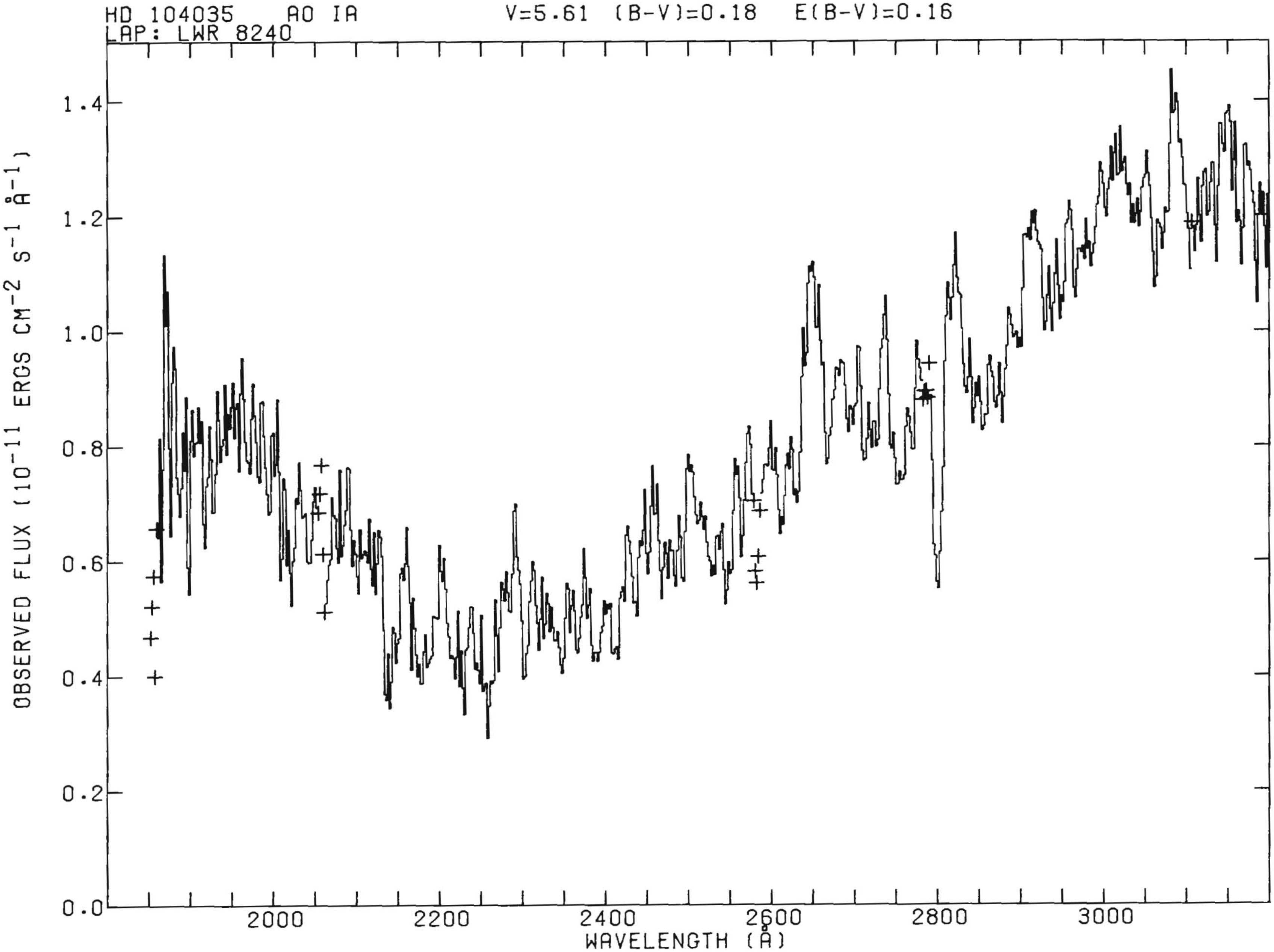

HD 199629 A0 V
V=3.94 (B-V)=0.02 E(B-V)=0.03
LAP: SWP 15556
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
1200
1400
1600
1800
WAVELENGTH (Å)


HD 199629 A0 V
V=3.94 (B-V)=0.02 E(B-V)=0.03
LAP: LWR 12039
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
2000
2200
2400
2600
2800
3000

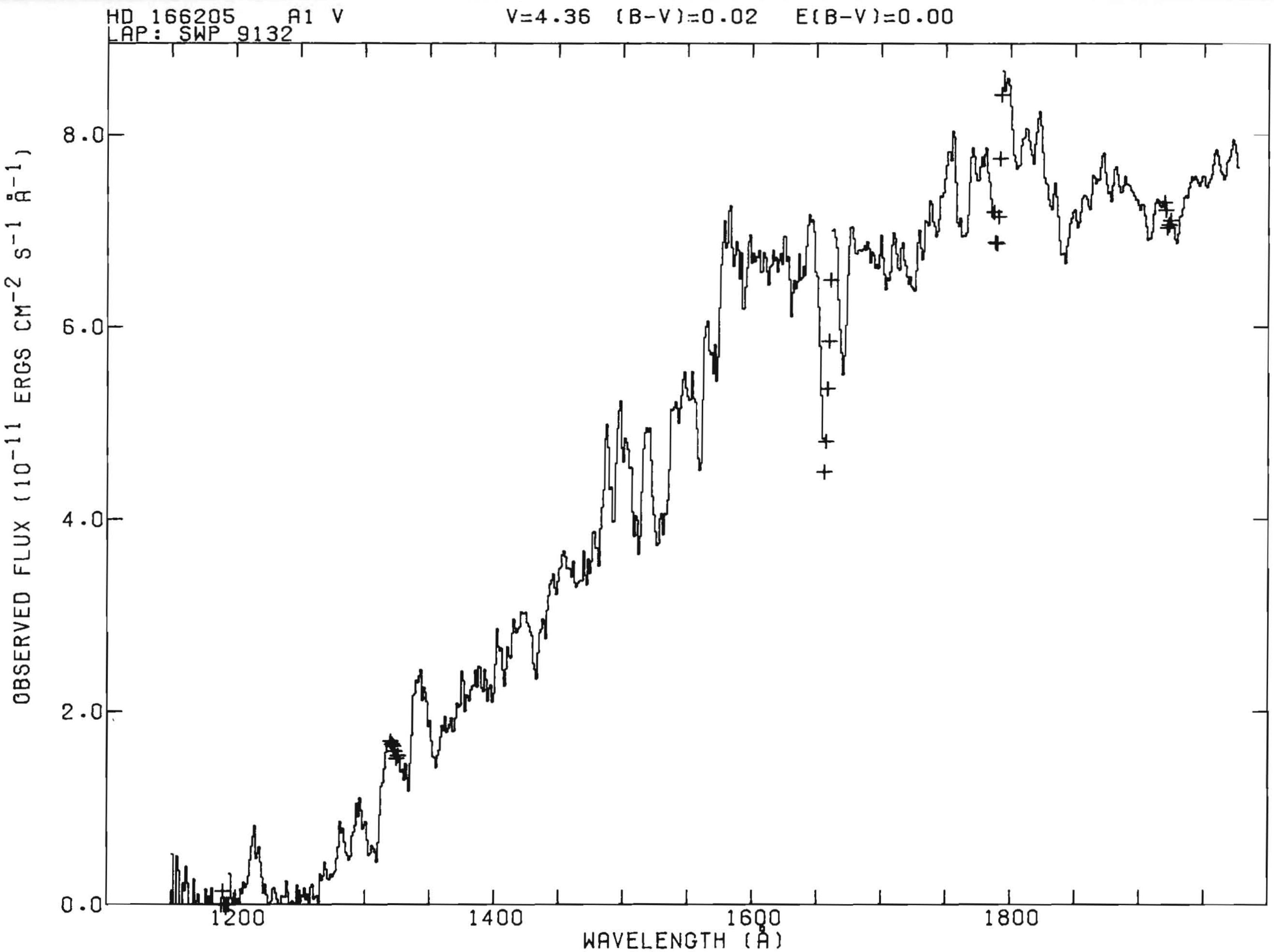

HD 111775 A0 II V=6.33 (B-V)=0.03 E(B-V)=0.03
LAP: SWP 9515
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $\AA^{-1}$)
WAVELENGTH (Å)
0.0
0.5
1.0
1.5
1200
1400
1600
1800

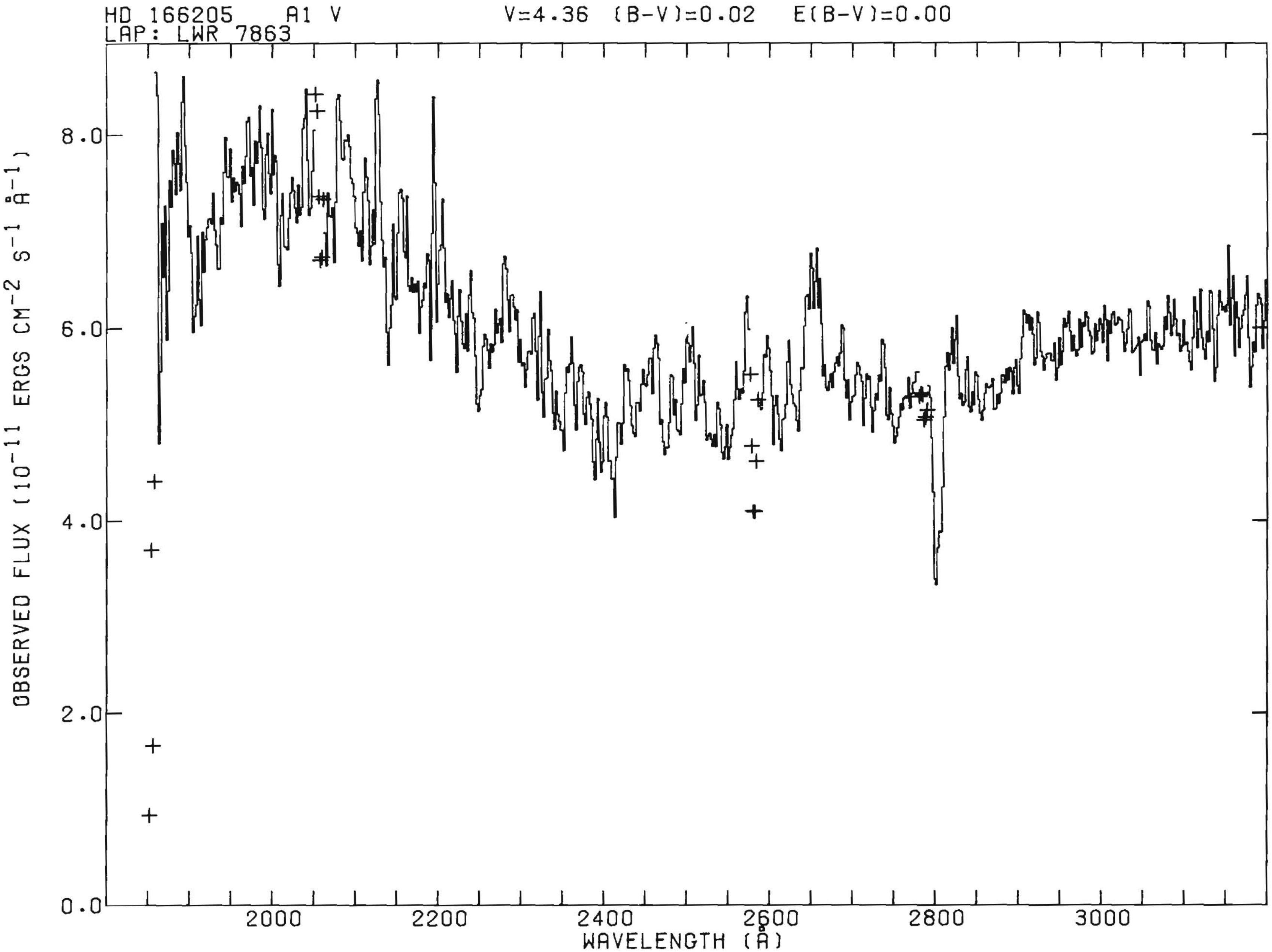

HD 111775 A0 II V=6.33 (B-V)=0.03 E(B-V)=0.03
LAP: LWR 8241
OBSERVED FLUX (10^-11 ERGS CM^-2 S^-1 Å^-1)
0.0
0.5
1.0
1.5
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 104035 A0 IA V=5.61 (B-V)=0.18 E(B-V)=0.16
LAP: SWP 9514
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} Å^{-1})
0.0
0.2
0.4
0.6
0.8
1.0
1200
1400
1600
1800
WAVELENGTH (Å)

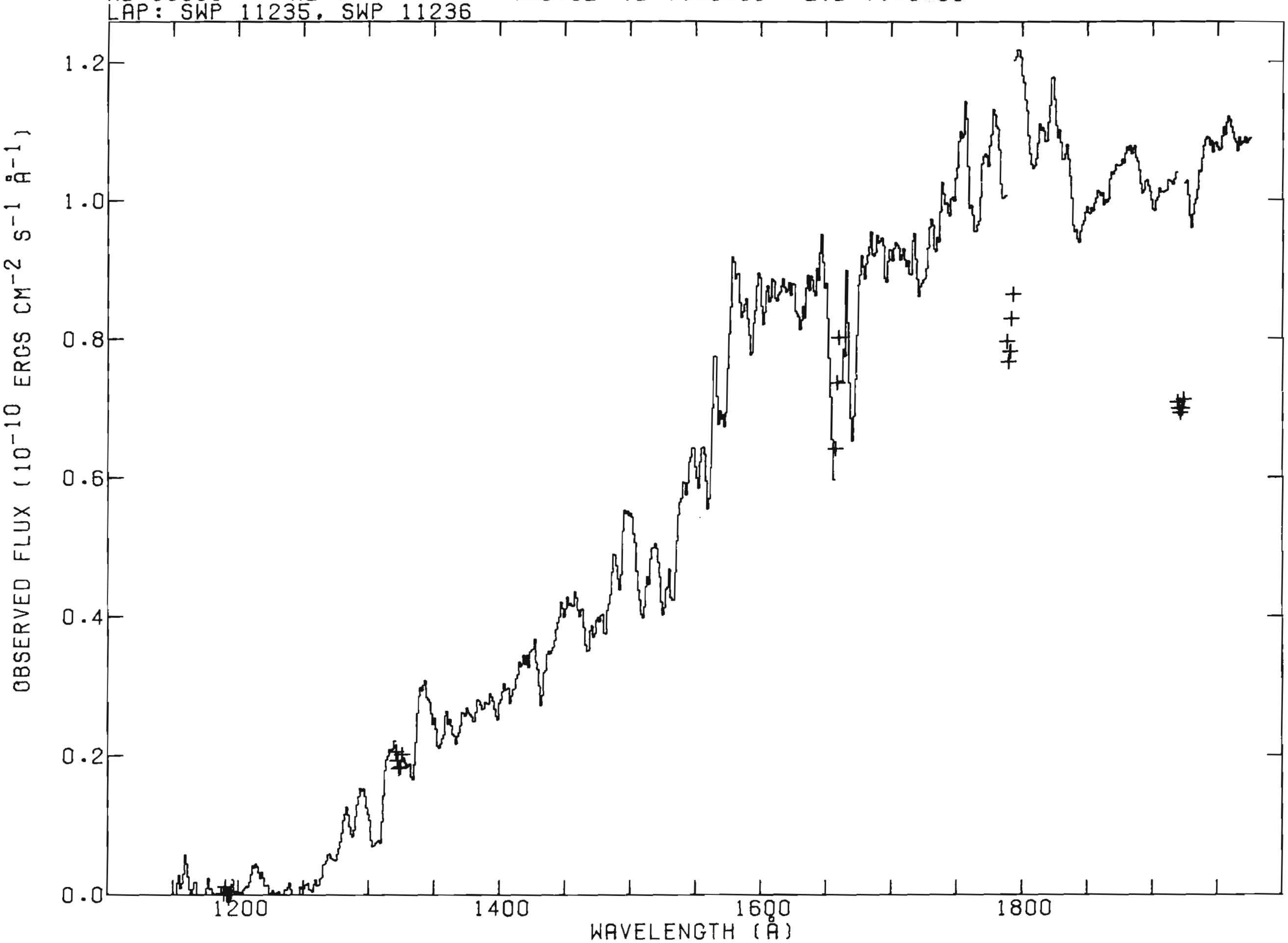


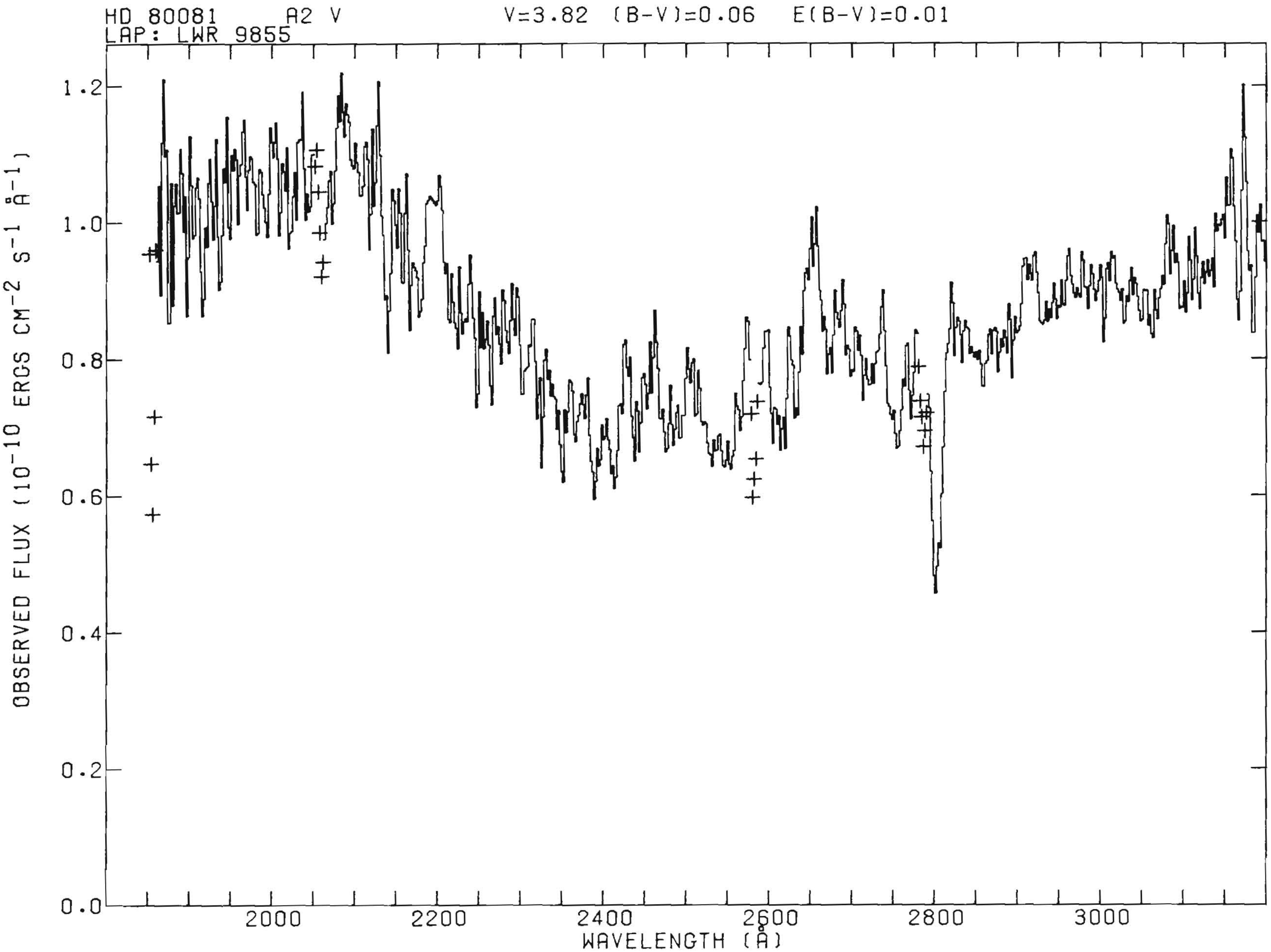
HD 104035 A0 IA V=5.61 (B-V)=0.18 E(B-V)=0.16
LAP: LWR 8240
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 166205 A1 V V=4.36 (B-V)=0.02 E(B-V)=0.00
LAP: SWP 9132
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
8.0
6.0
4.0
2.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

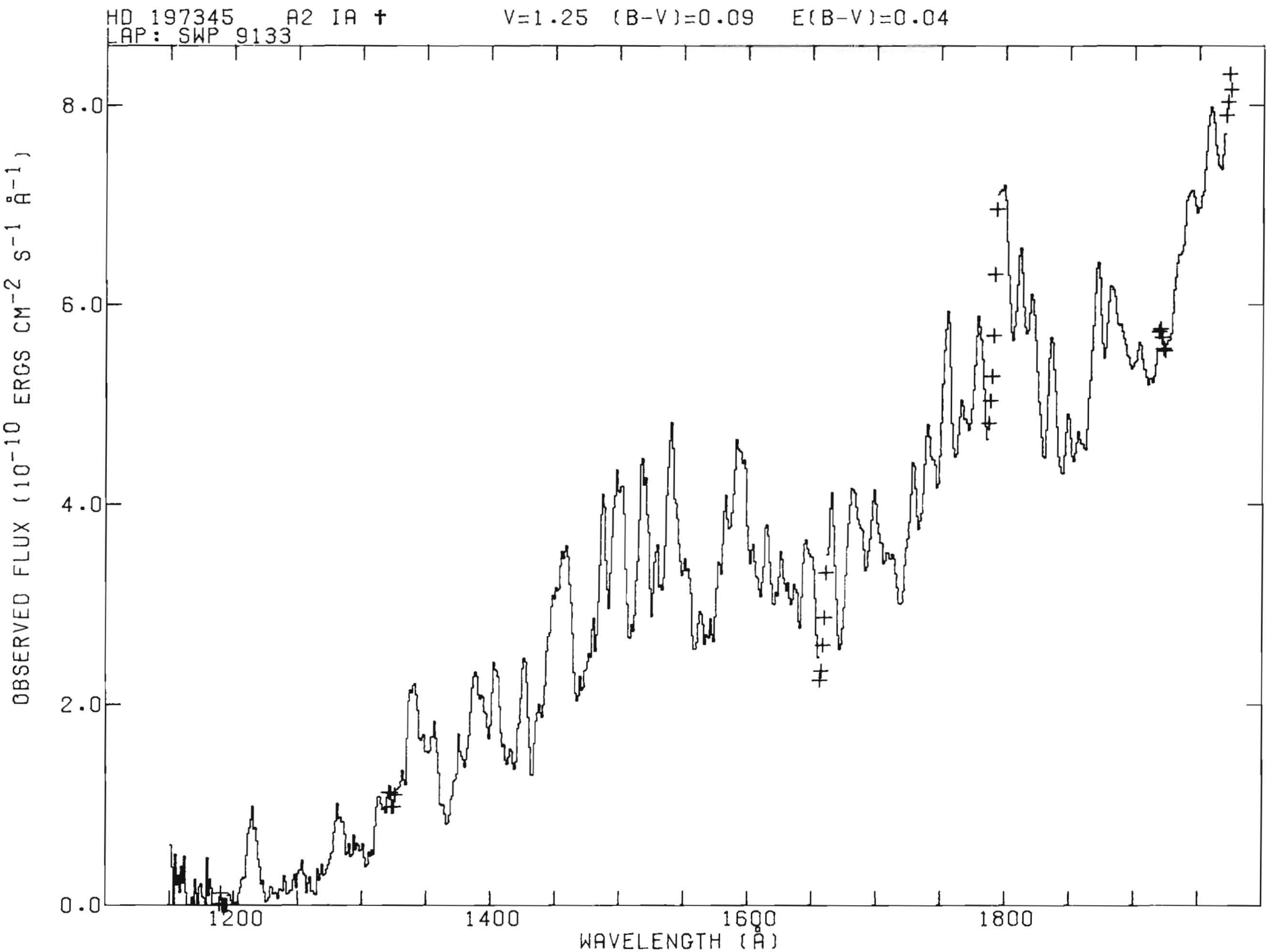

HD 166205 A1 V
V=4.36 (B-V)=0.02 E(B-V)=0.00
LAP: LWR 7863
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
8.0
6.0
4.0
2.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

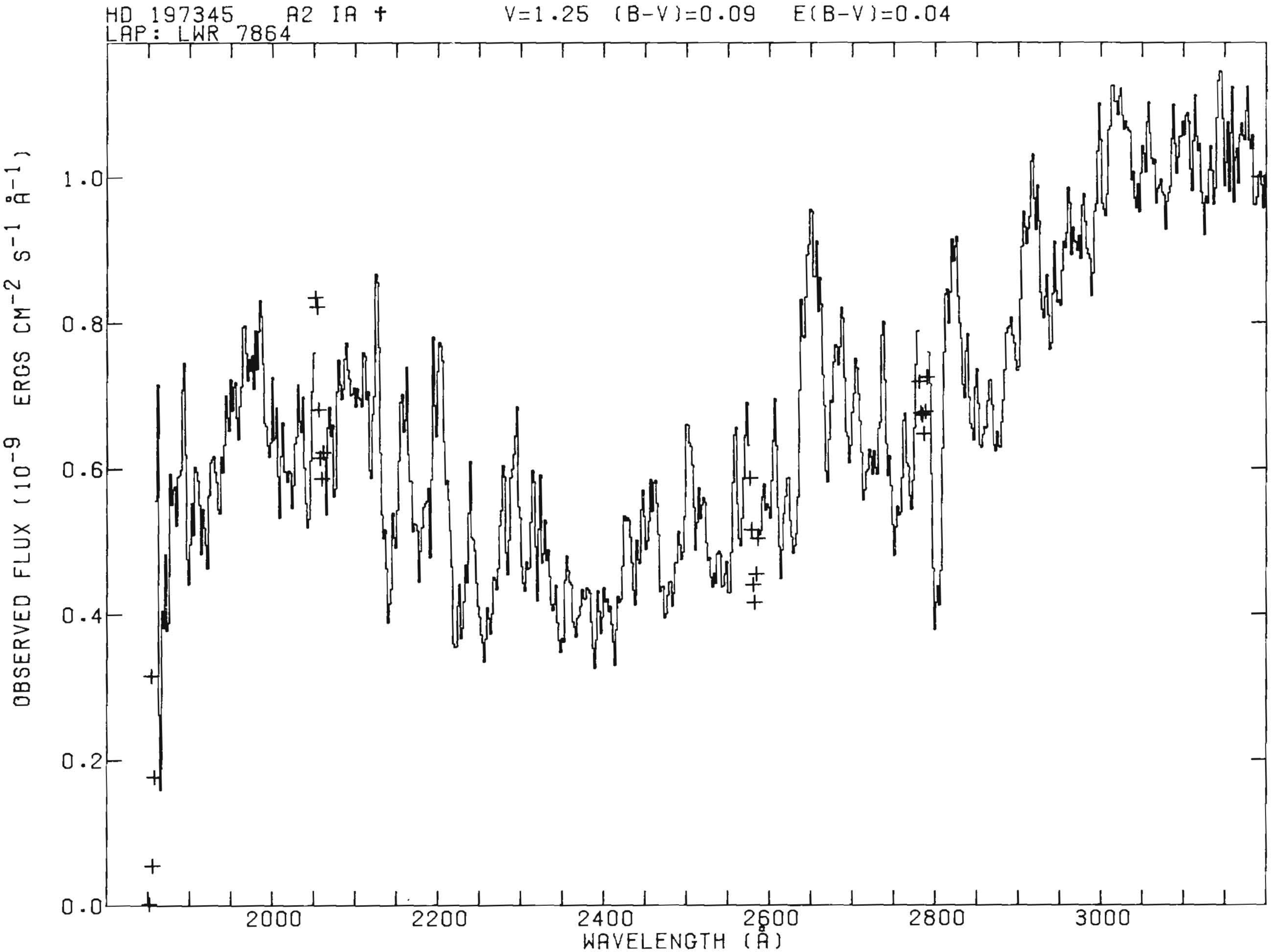
HD 80081 A2 V V=3.82 (B-V)=0.06 E(B-V)=0.01
LAP: SWP 11235, SWP 11236

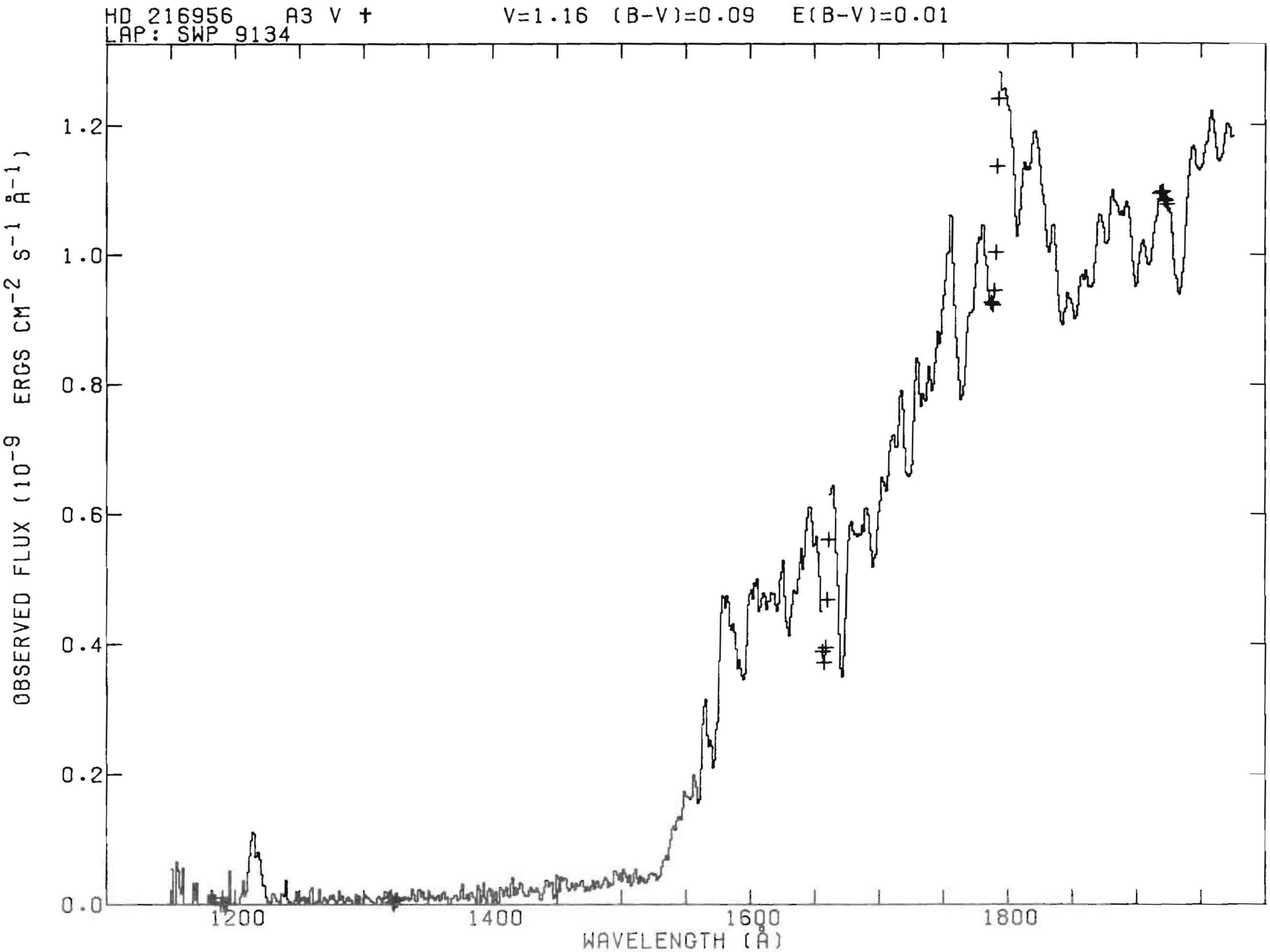


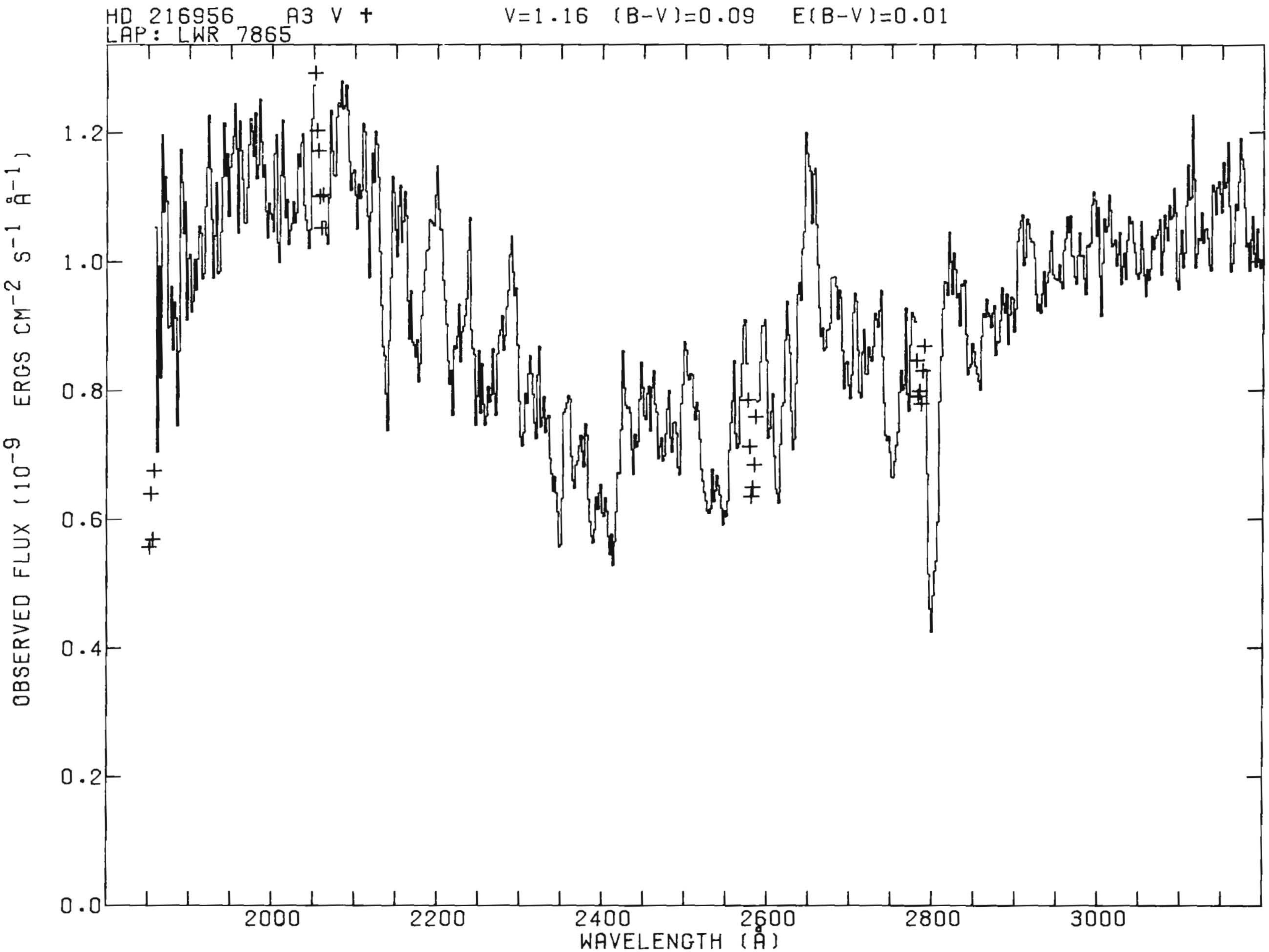


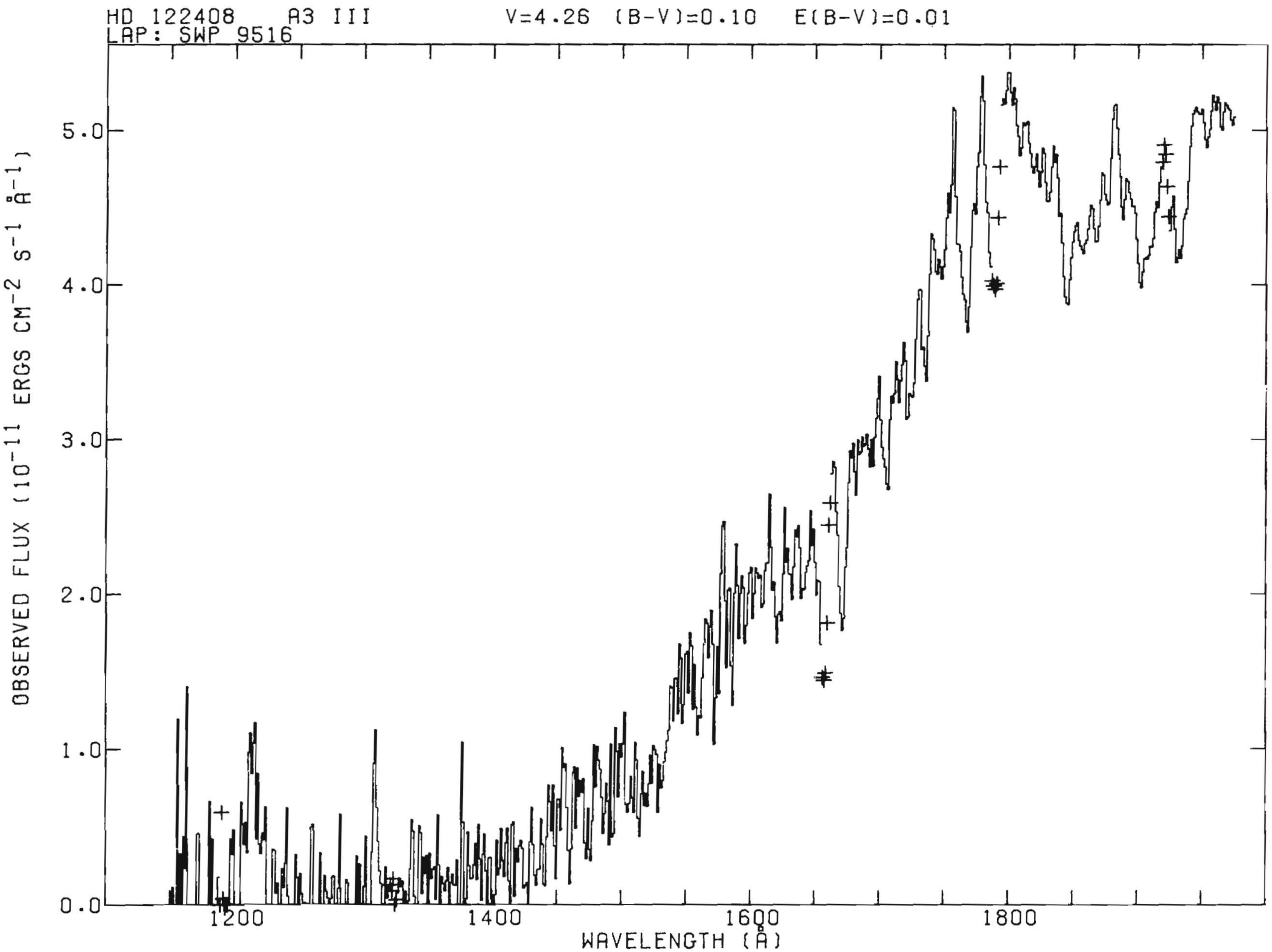
HD 80081 A2 V V=3.82 (B-V)=0.06 E(B-V)=0.01
LAP: LWR 9855
OBSERVED FLUX (10^-10 ERGS CM^-2 S^-1 Å^-1)
WAVELENGTH (Å)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000

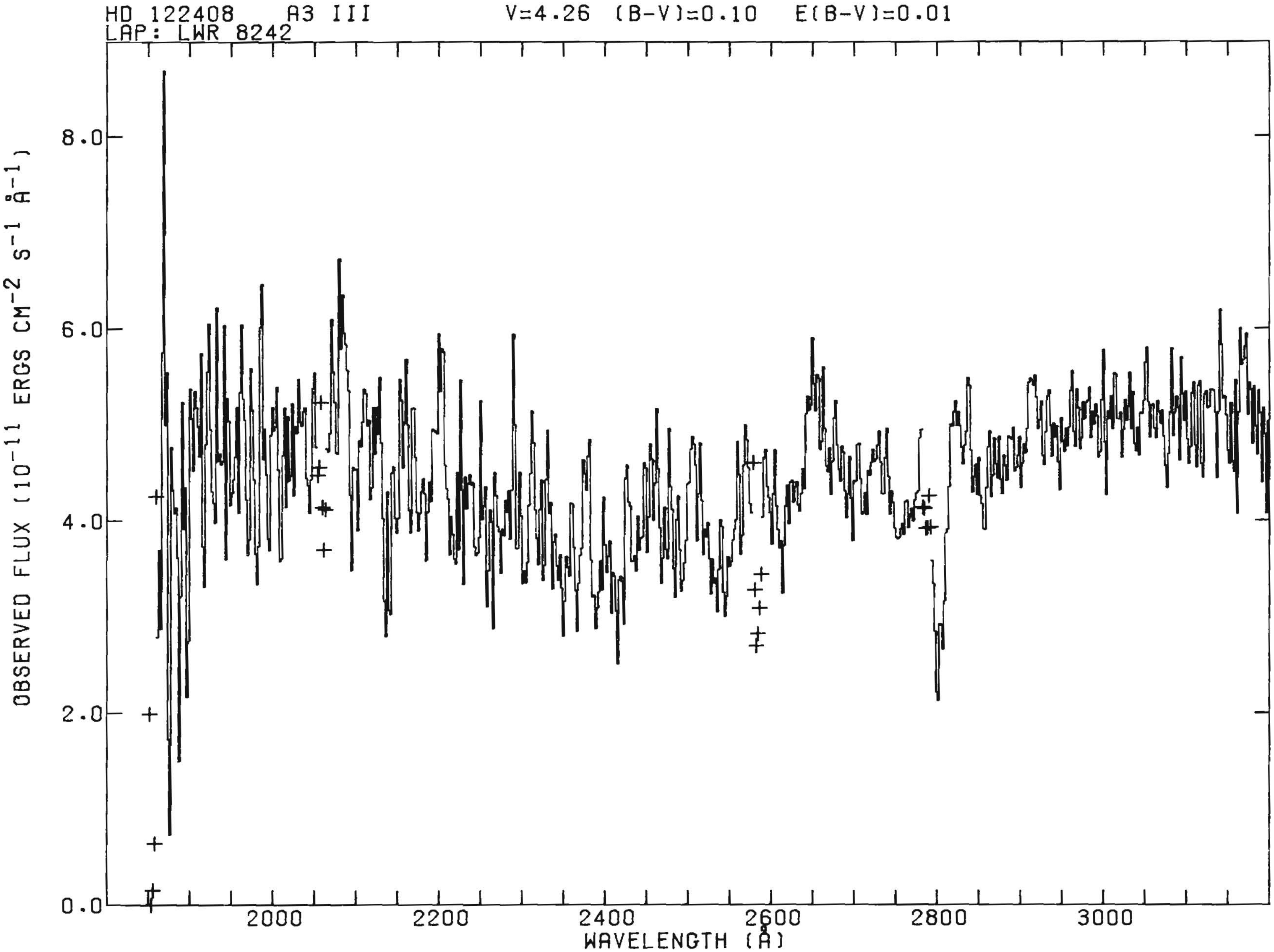

HD 197345 A2 IA +
V=1.25 (B-V)=0.09 E(B-V)=0.04
LAP: SWP 9133
OBSERVED FLUX (10-10 ERGS CM-2 S-1 Å-1)
8.0
6.0
4.0
2.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

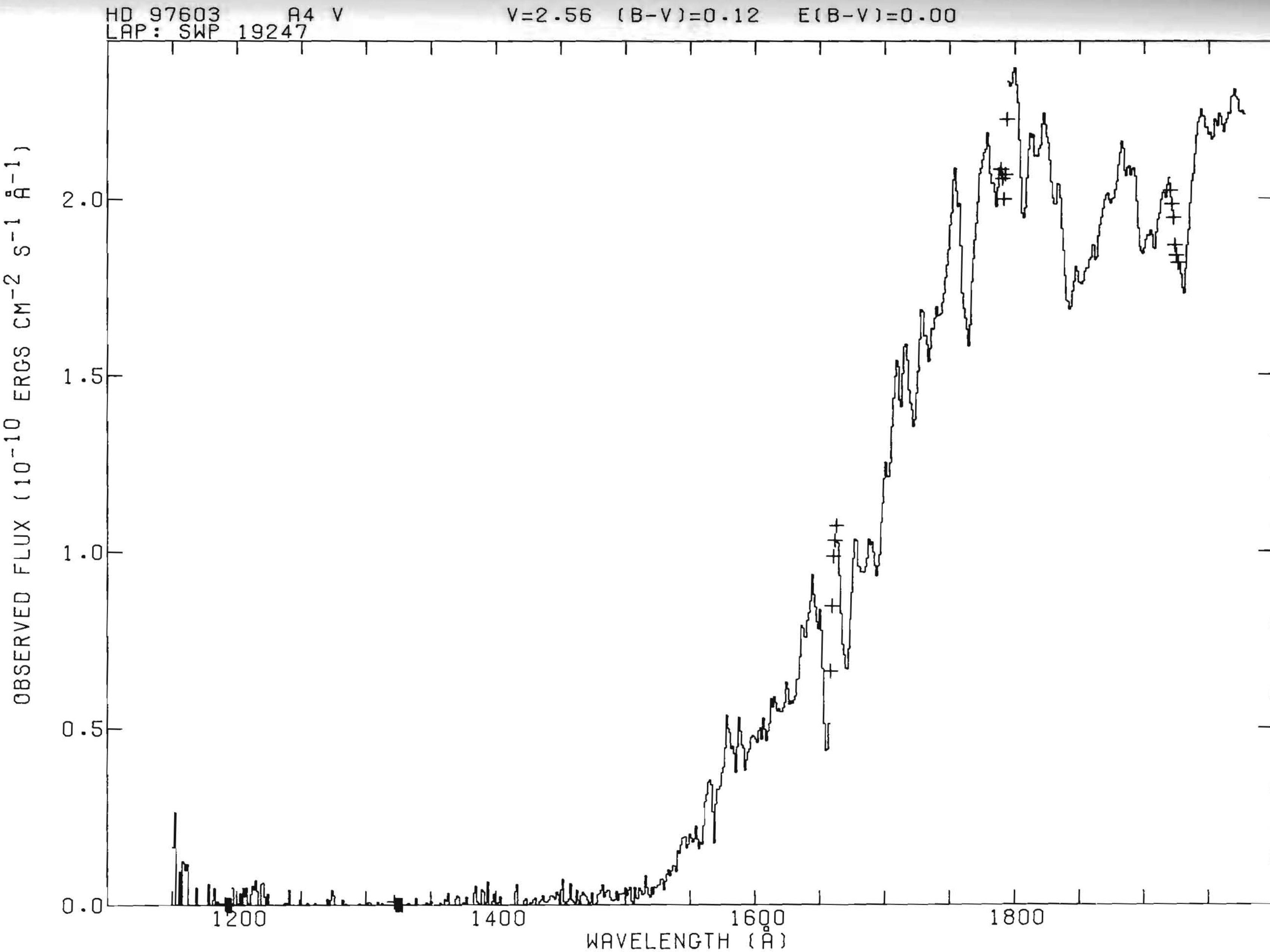

HD 197345 A2 IA + V=1.25 (B-V)=0.09 E(B-V)=0.04
LAP: LWR 7864
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 216956 A3 V +
V=1.16 (B-V)=0.09 E(B-V)=0.01
LAP: SWP 9134
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

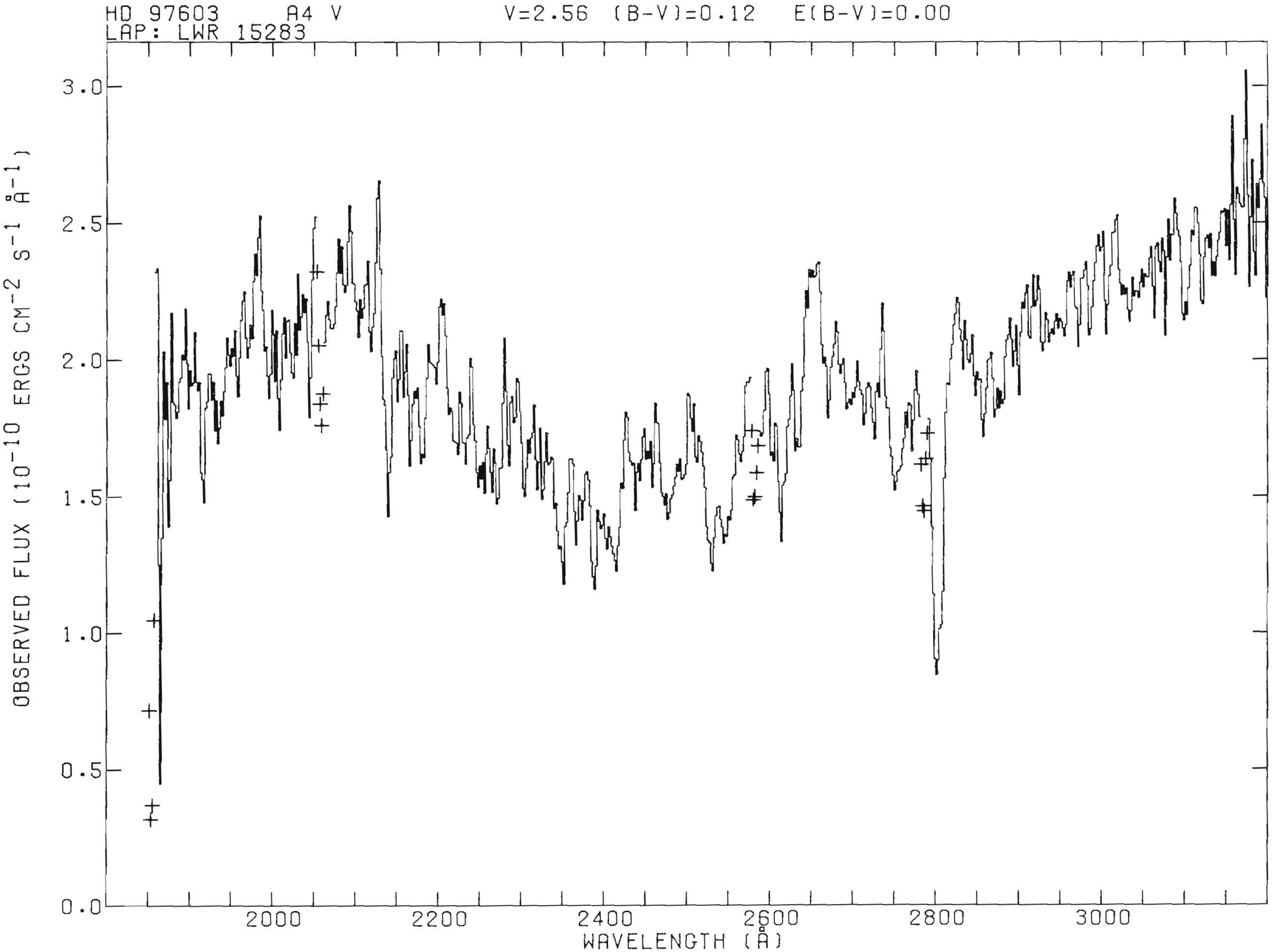

HD 216956 A3 V +
V=1.16 (B-V)=0.09 E(B-V)=0.01
LAP: LWR 7865
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

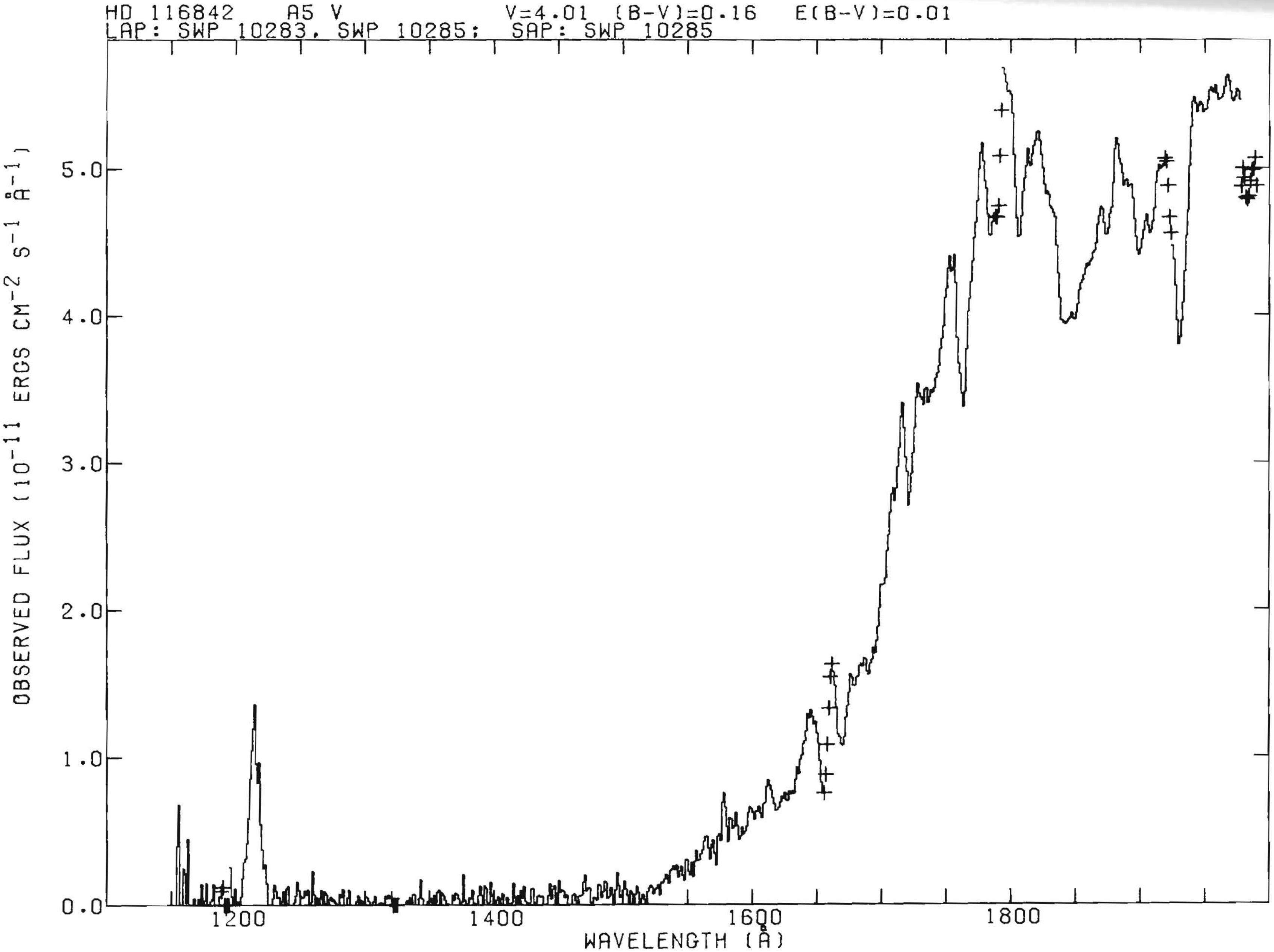

HD 122408   A3 III   V=4.26 (B-V)=0.10 E(B-V)=0.01
LAP: SWP 9516
OBSERVED FLUX (10^-11 ERGS CM^-2 S^-1 Å^-1)
WAVELENGTH (Å)
5.0
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800

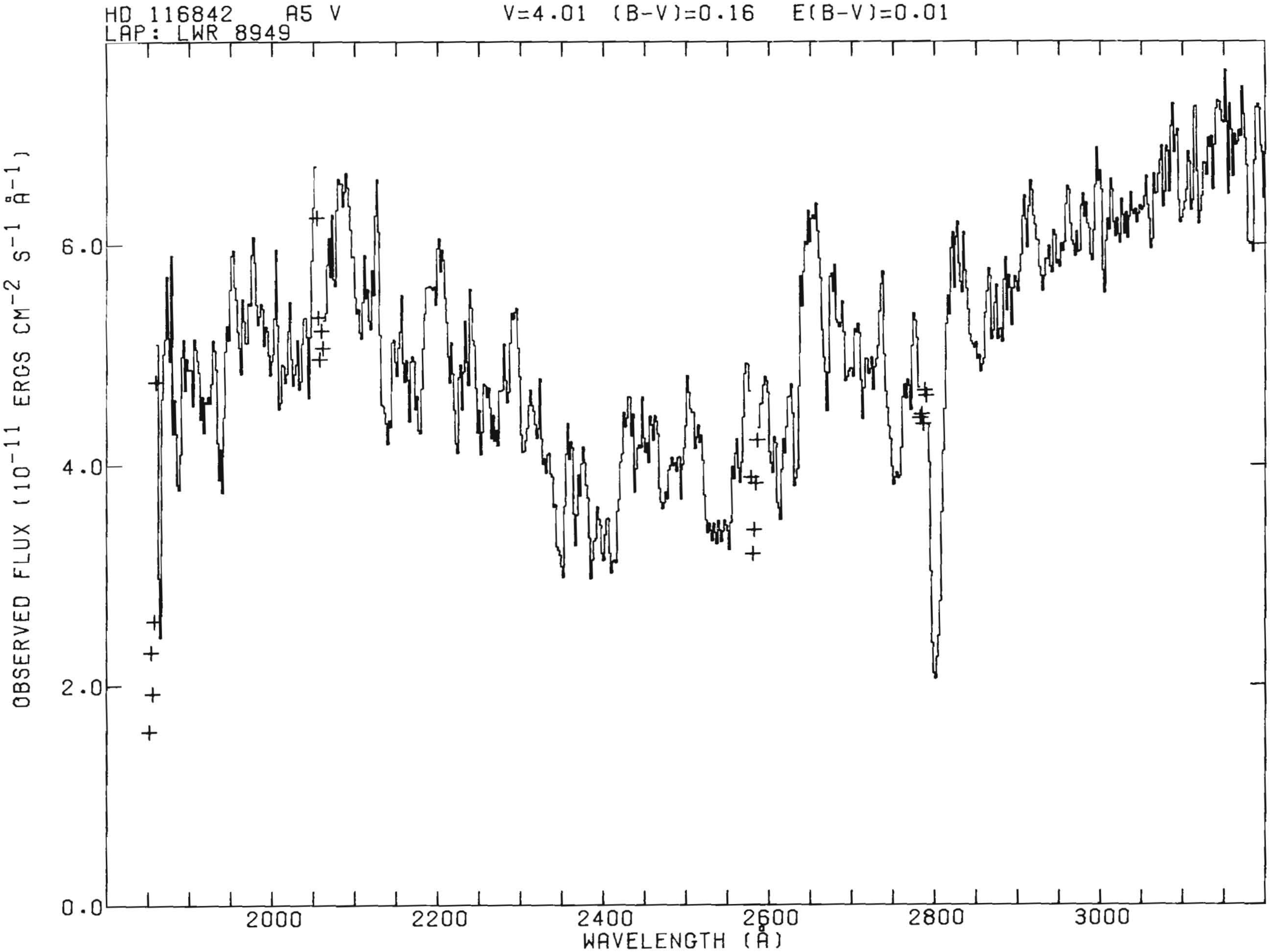

HD 122408 A3 III V=4.26 (B-V)=0.10 E(B-V)=0.01
LAP: LWR 8242
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} Å^{-1})
8.0
6.0
4.0
2.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

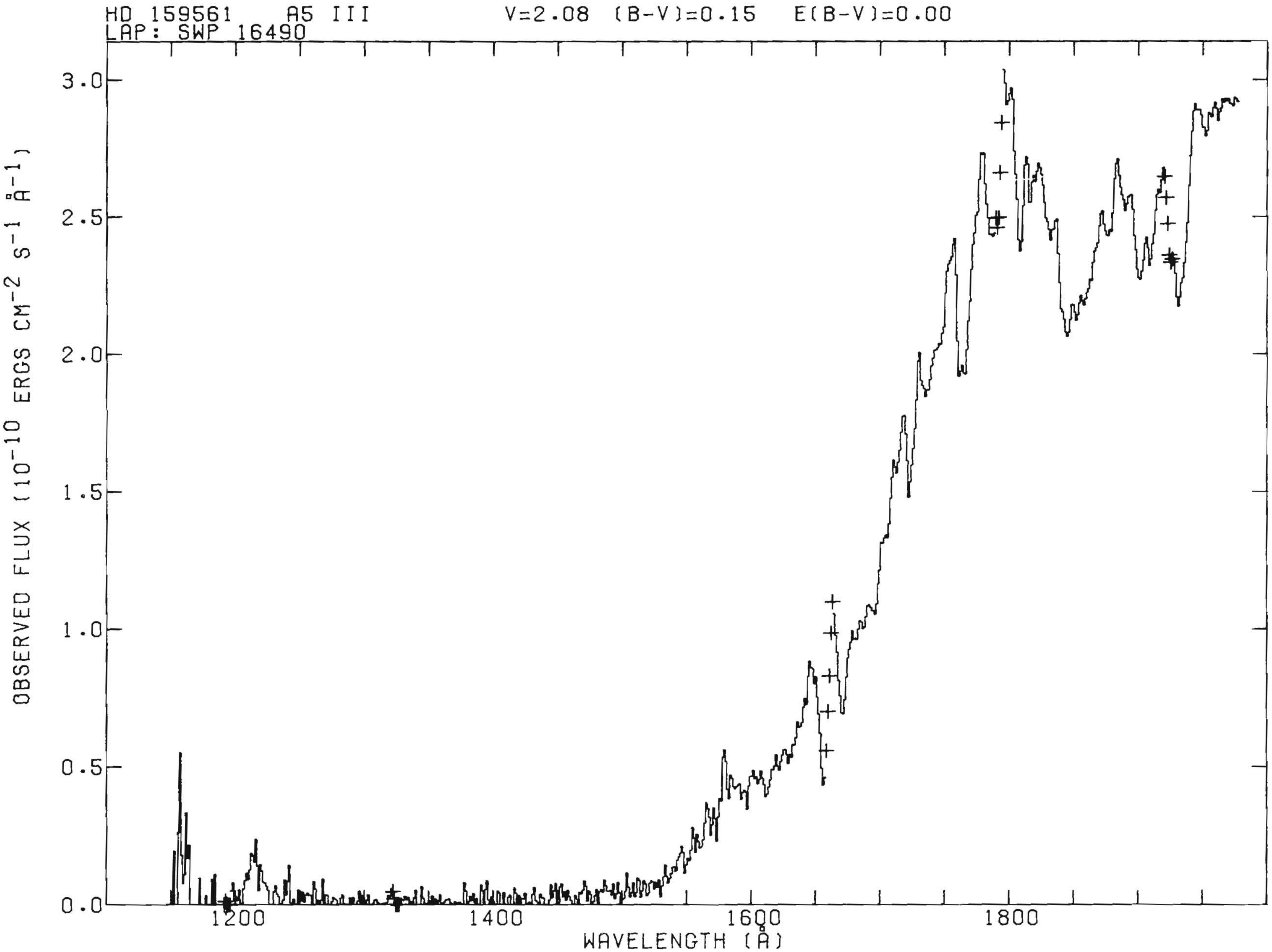


HD 97603 A4 V V=2.56 (B-V)=0.12 E(B-V)=0.00
LAP: SWP 19247
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
2.0
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

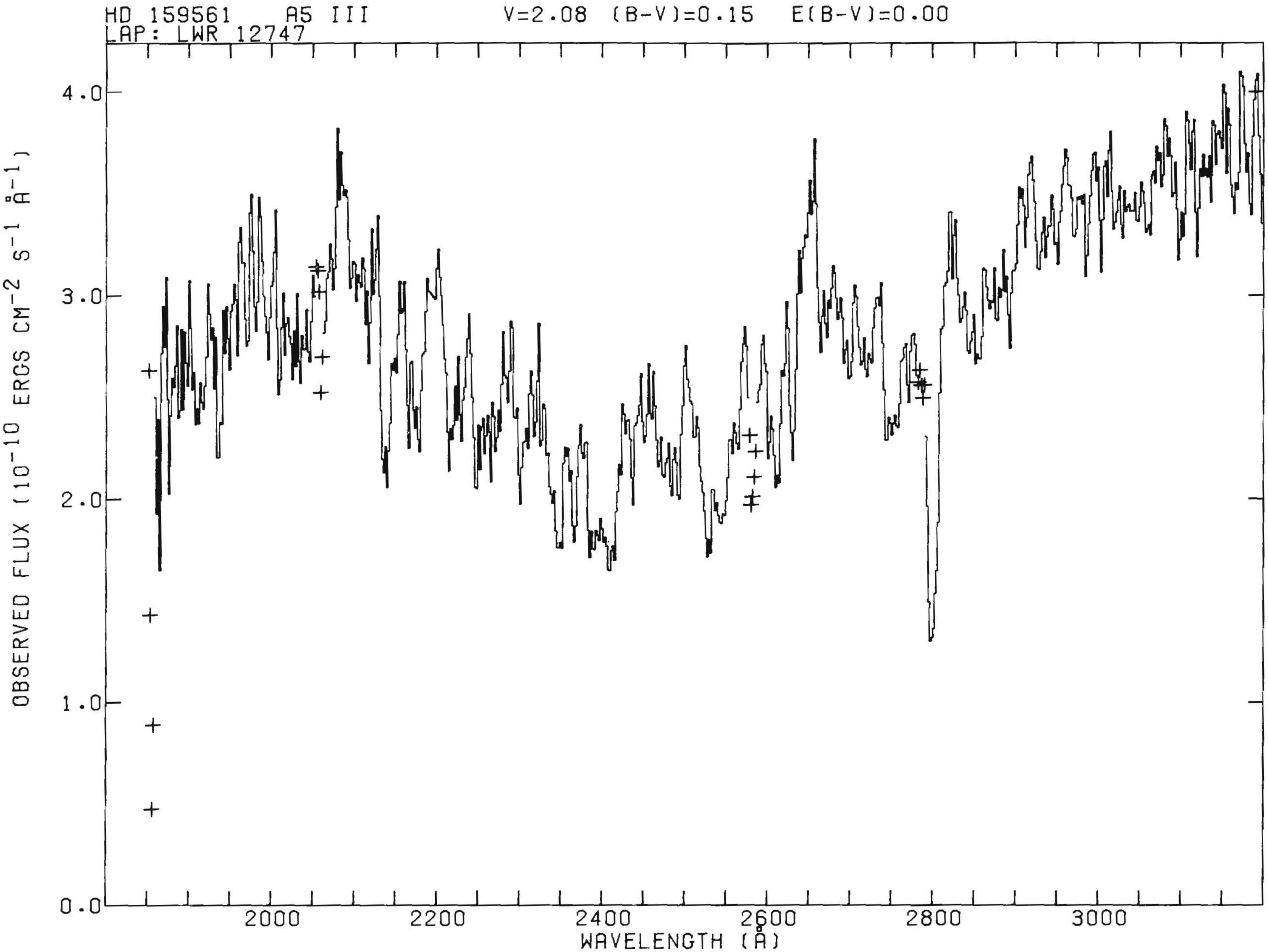

HD 97603 A4 V V=2.56 (B-V)=0.12 E(B-V)=0.00
LAP: LWR 15283
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 116842 A5 V V=4.01 (B-V)=0.16 E(B-V)=0.01
LAP: SWP 10283, SWP 10285; SAP: SWP 10285
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
1.0
2.0
3.0
4.0
5.0
1200
1400
1600
1800
WAVELENGTH (Å)

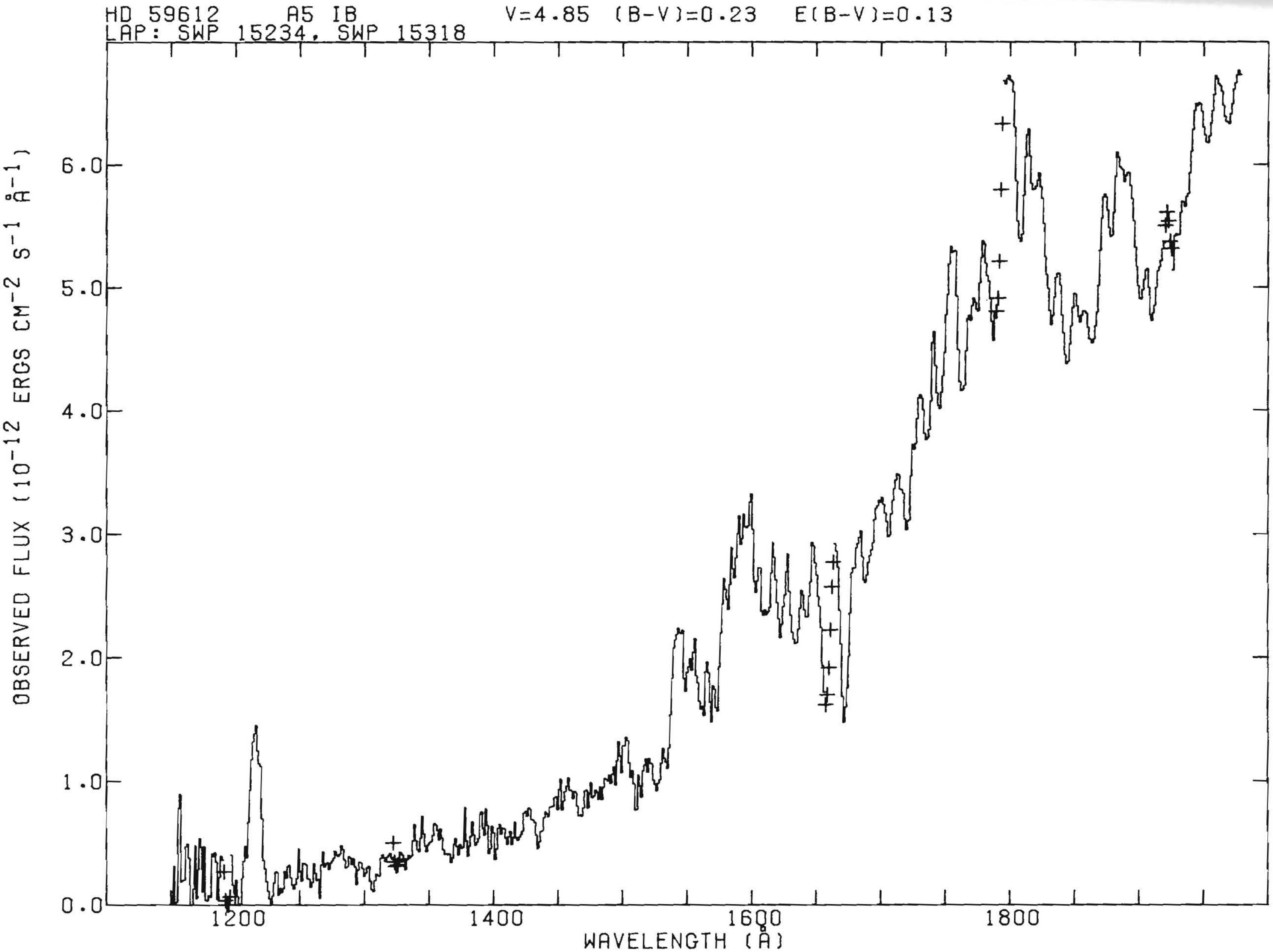

HD 116842 A5 V V=4.01 (B-V)=0.16 E(B-V)=0.01
LAP: LWR 8949
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
6.0
4.0
2.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)



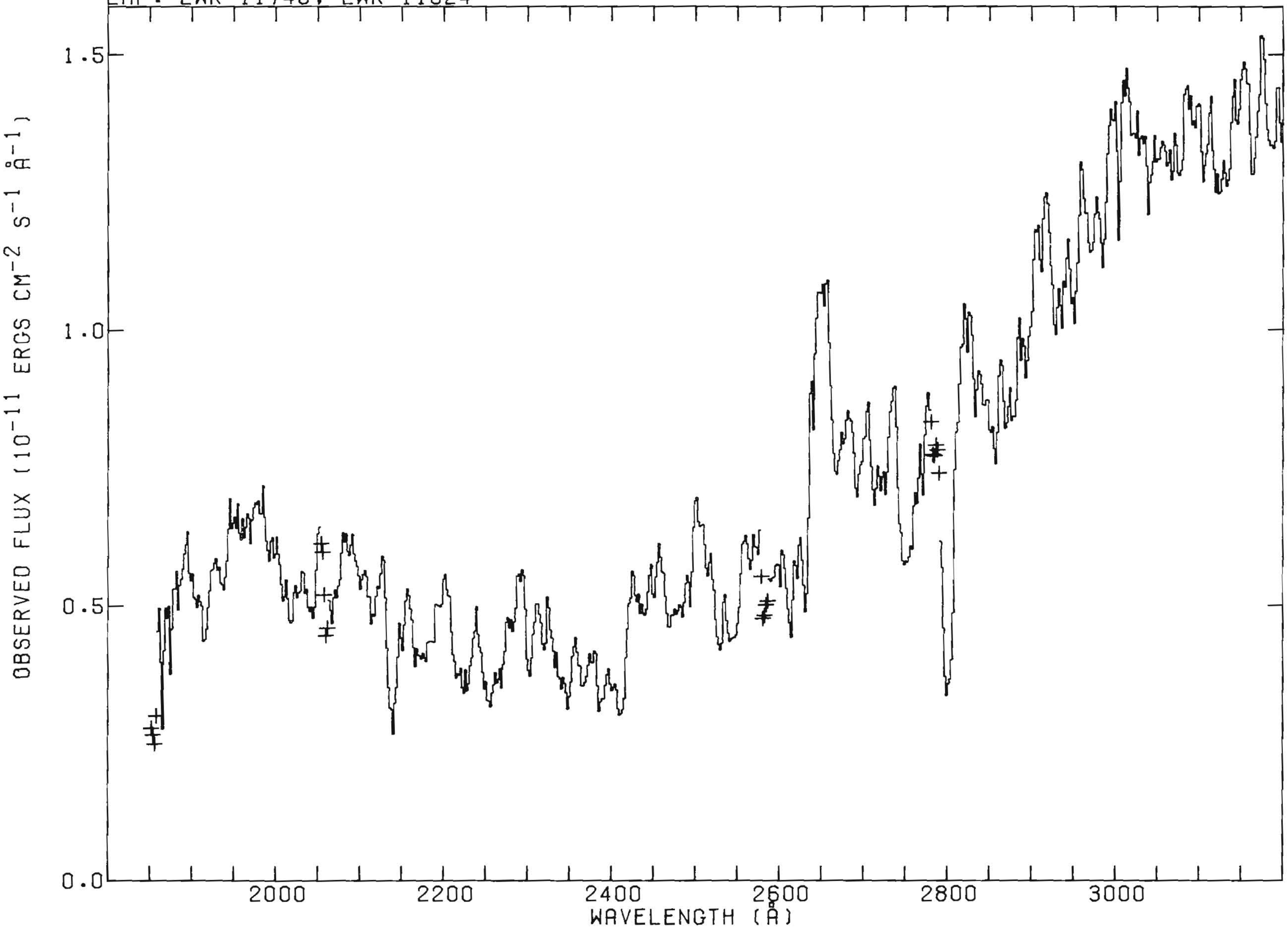
HD 159561 A5 III V=2.08 (B-V)=0.15 E(B-V)=0.00
LAP: SWP 16490
OBSERVED FLUX (10-10 ERGS CM-2 S-1 Å-1)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

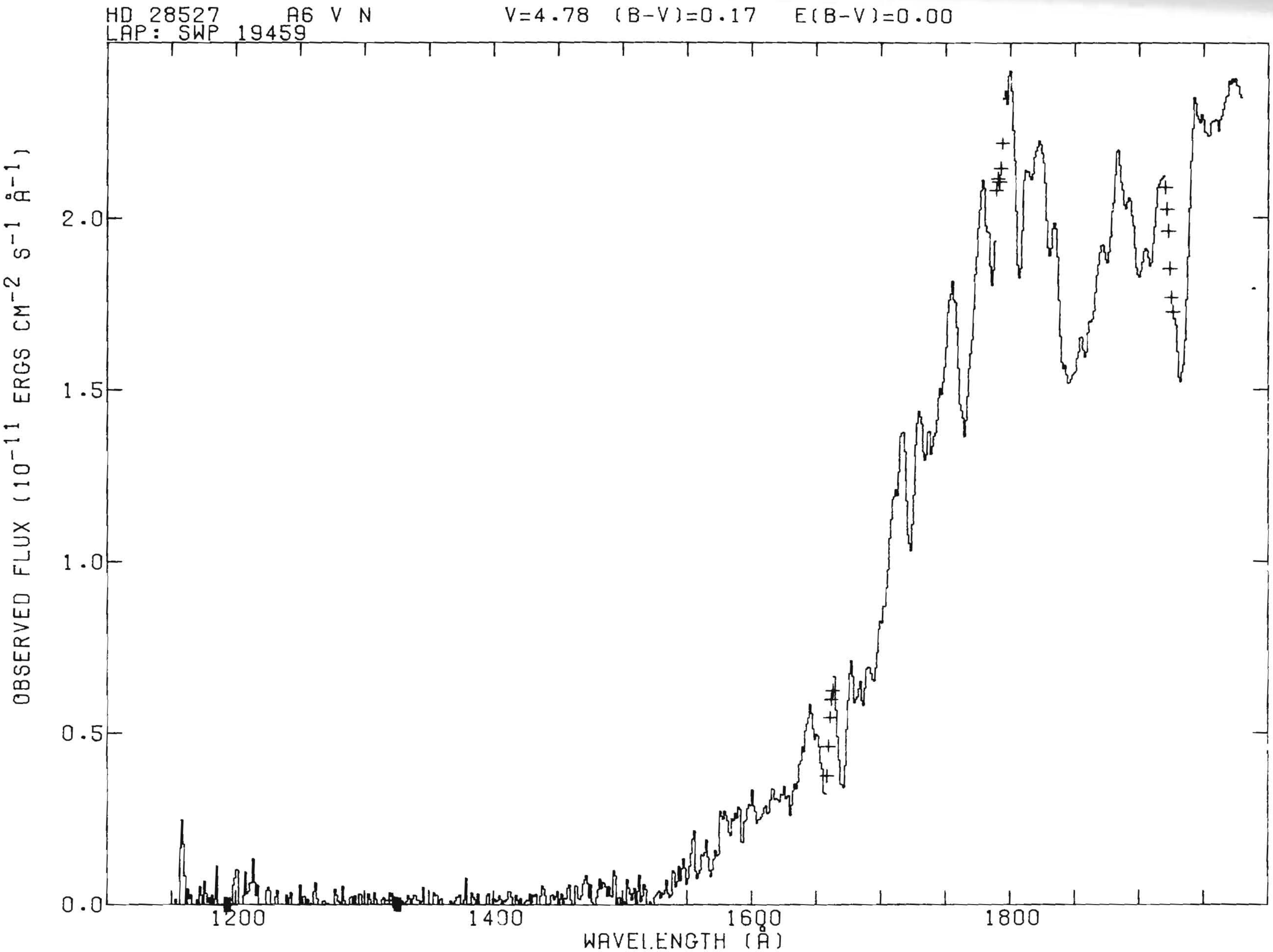


HD 159561 A5 III V=2.08 (B-V)=0.15 E(B-V)=0.00
LAP: LWR 12747
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} Å^{-1})
WAVELENGTH (Å)
0.0
1.0
2.0
3.0
4.0
2000
2200
2400
2600
2800
3000

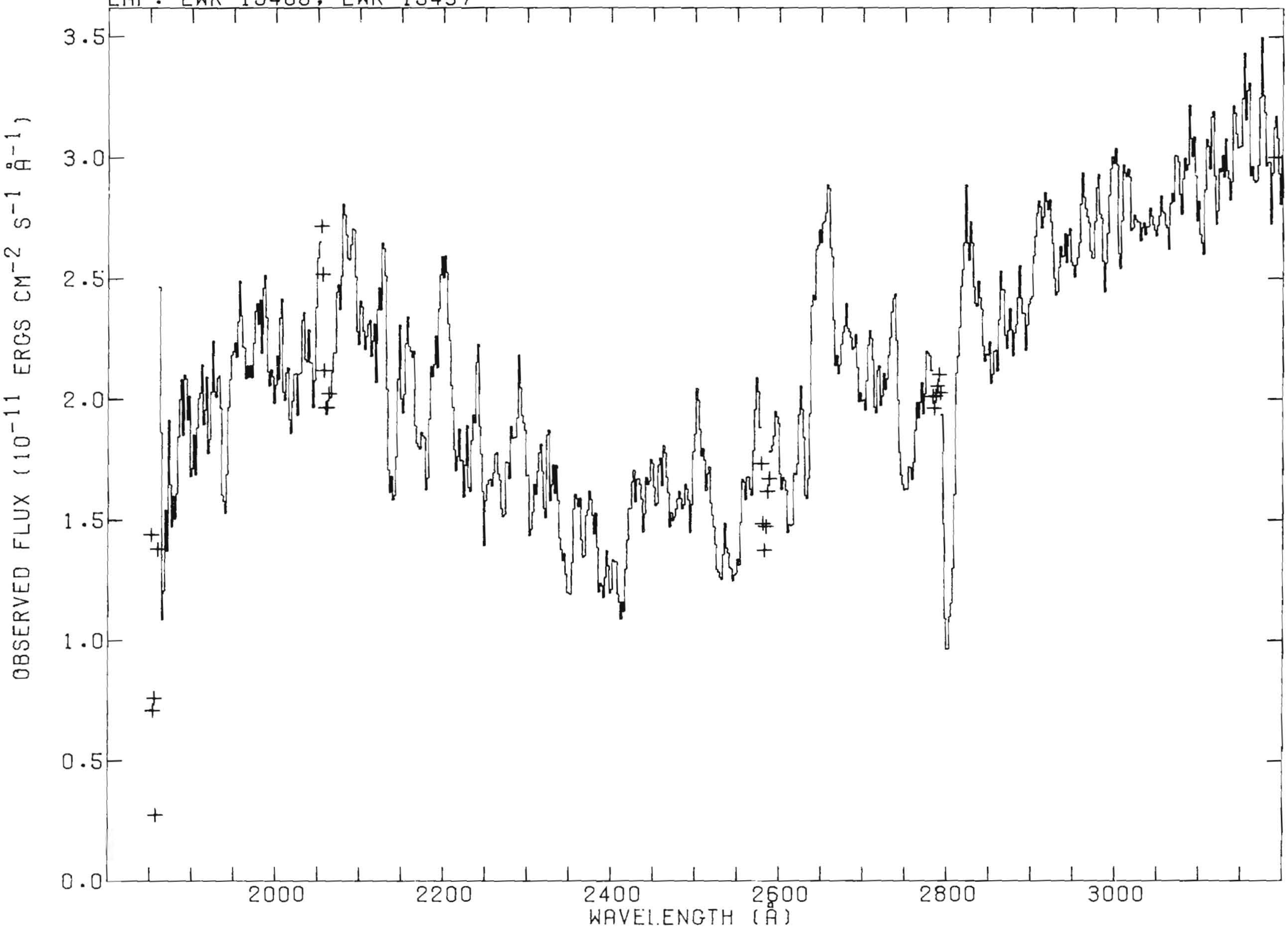

HD 59612 A5 IB V=4.85 (B-V)=0.23 E(B-V)=0.13
LAP: SWP 15234, SWP 15318
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
1.0
2.0
3.0
4.0
5.0
6.0
1200
1400
1600
1800
WAVELENGTH (Å)

HD 59612 A5 IB V=4.85 (B-V)=0.23 E(B-V)=0.13
LAP: LWR 11748, LWR 11824

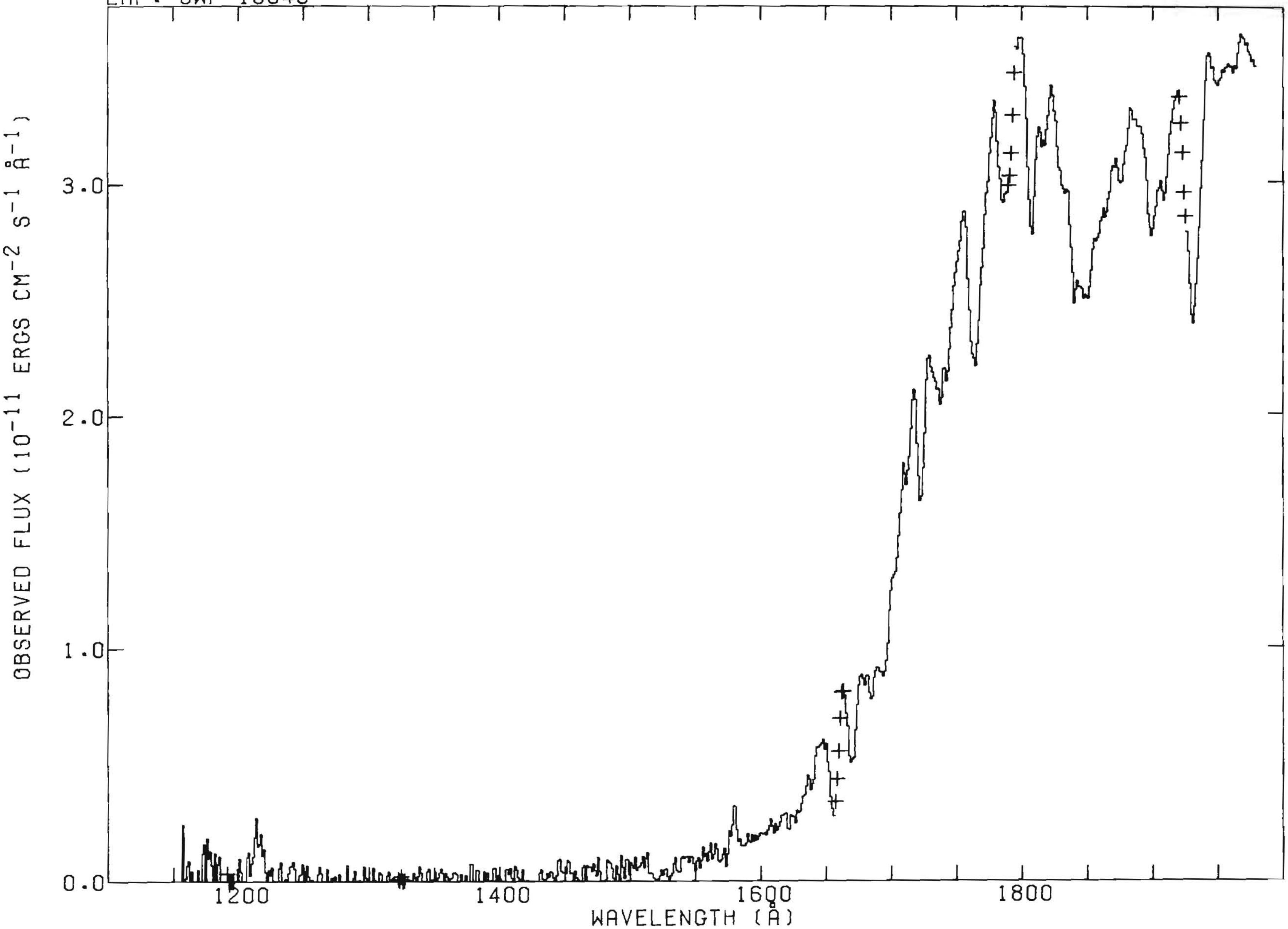


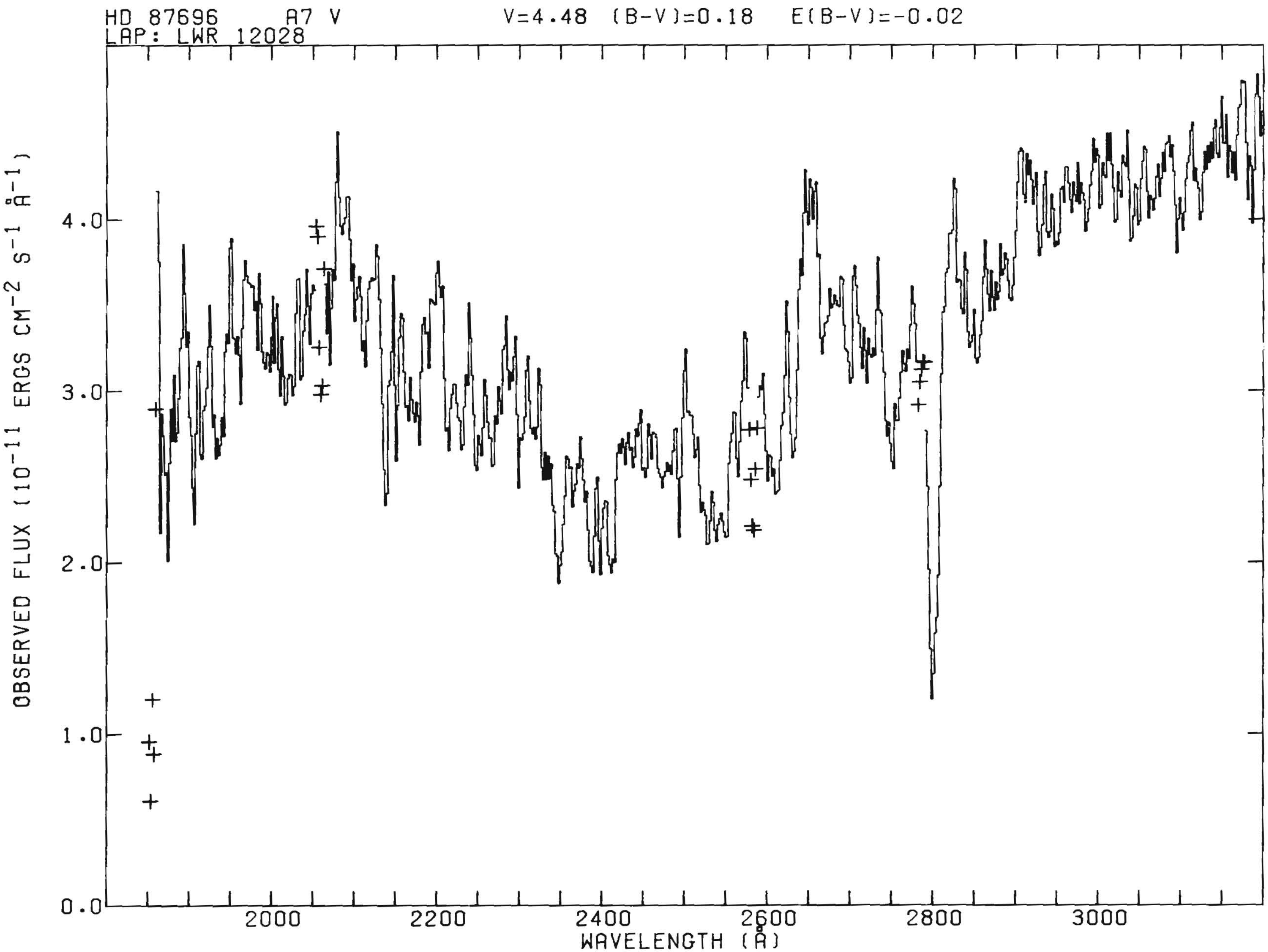

HD 28527 A6 V N V=4.78 (B-V)=0.17 E(B-V)=0.00
LAP: SWP 19459
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
2.0
1200
1400
1600
1800
WAVELENGTH (Å)

HD 28527 A6 V N V=4.78 (B-V)=0.17 E(B-V)=0.00
LAP: LWR 15488, LWR 15497

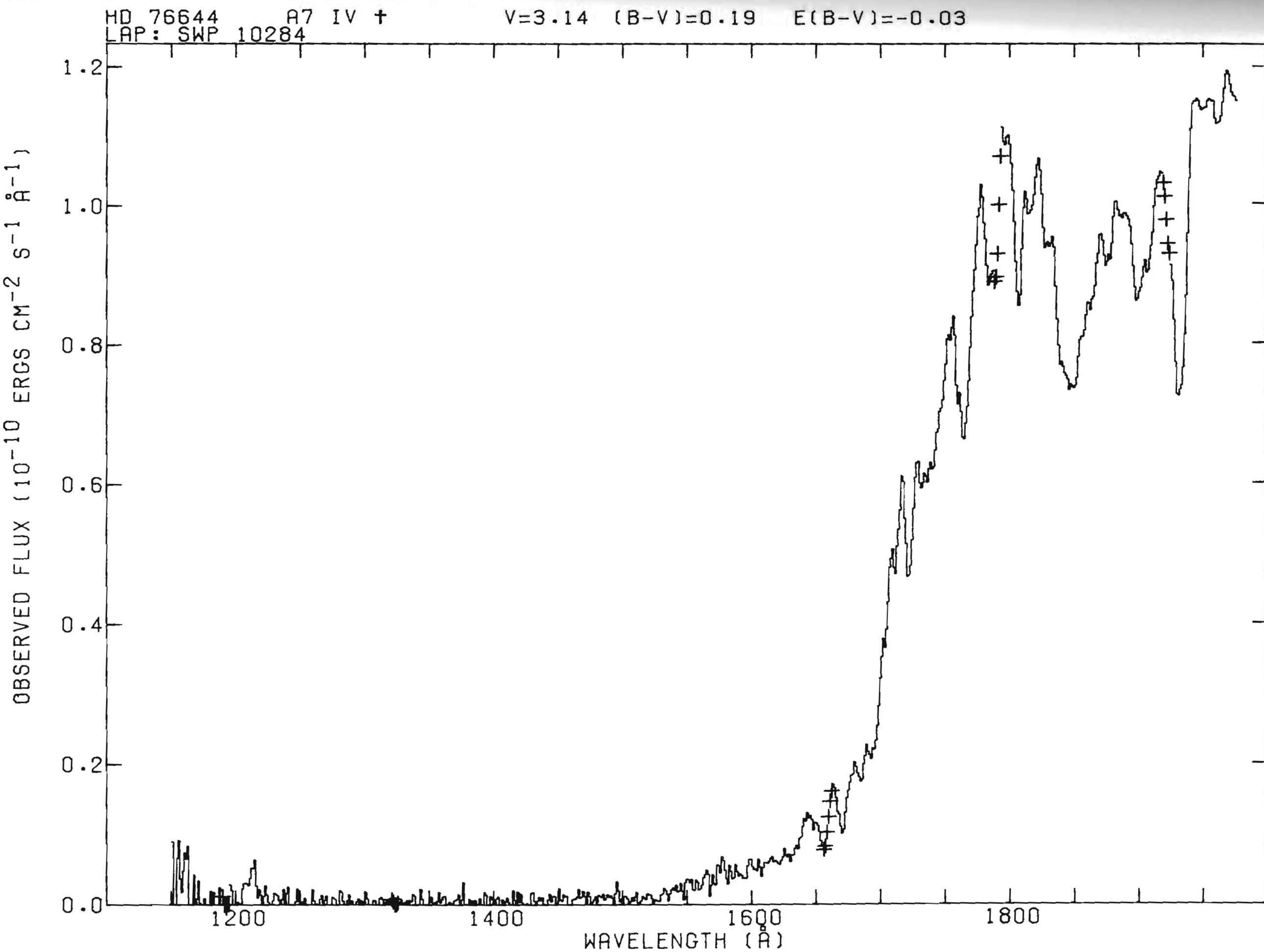


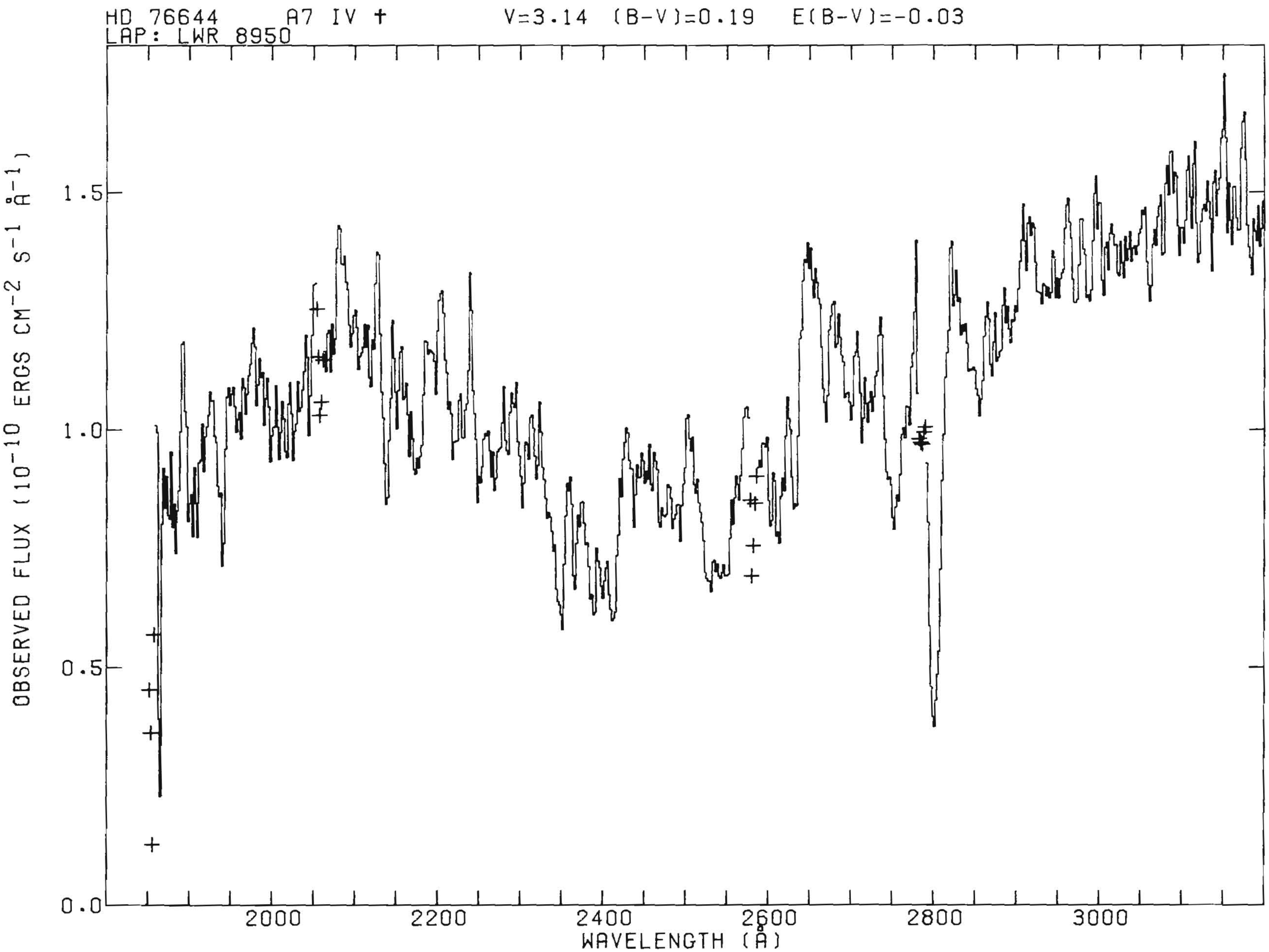
HD 87696 A7 V V=4.48 (B-V)=0.18 E(B-V)=-0.02
LAP: SWP 15548

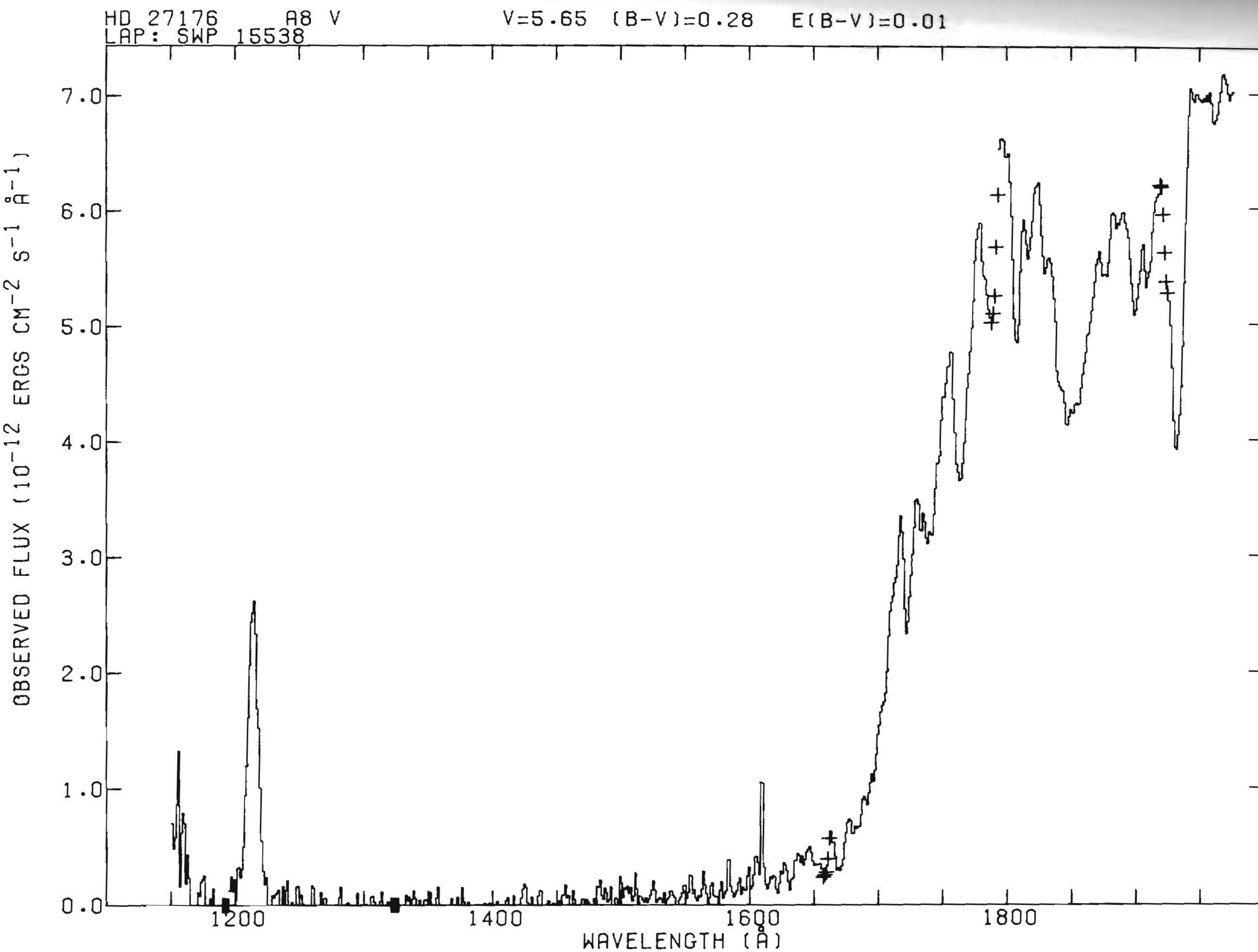




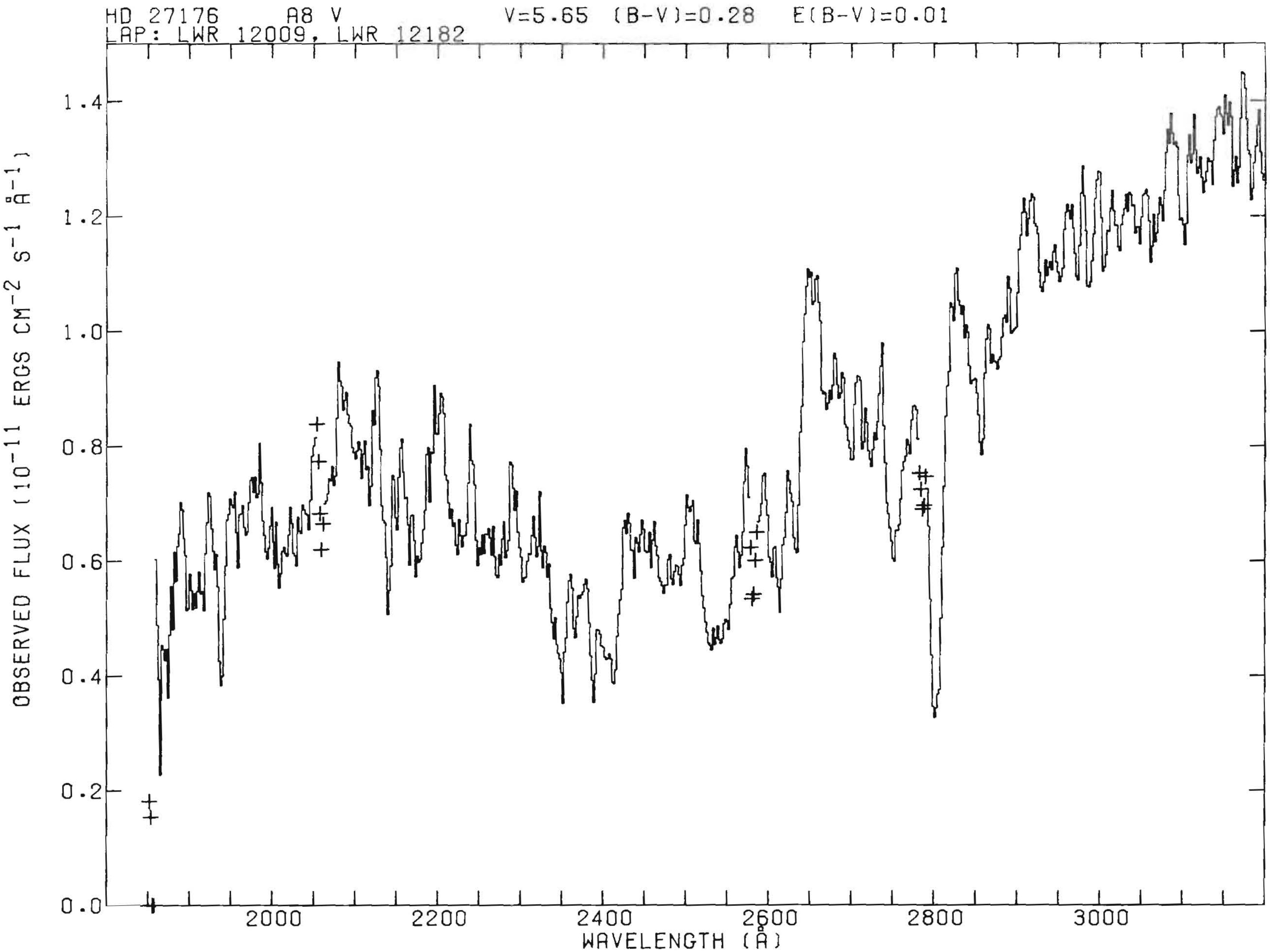
HD 87696 A7 V V=4.48 (B-V)=0.18 E(B-V)=-0.02
LAP: LWR 12028
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
1.0
2.0
3.0
4.0
2000
2200
2400
2600
2800
3000

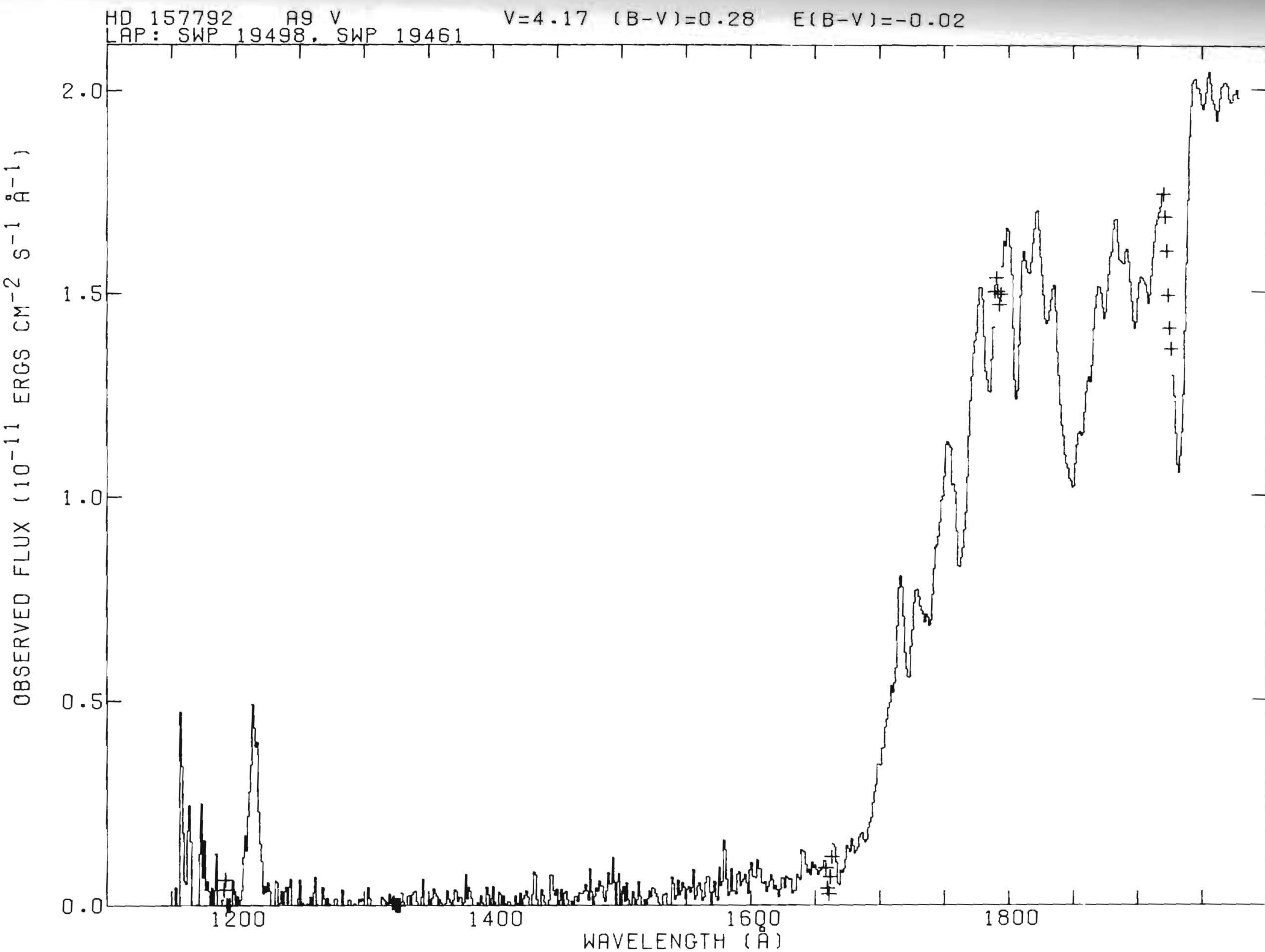

HD 76644 A7 IV + V=3.14 (B-V)=0.19 E(B-V)=-0.03
LAP: SWP 10284
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

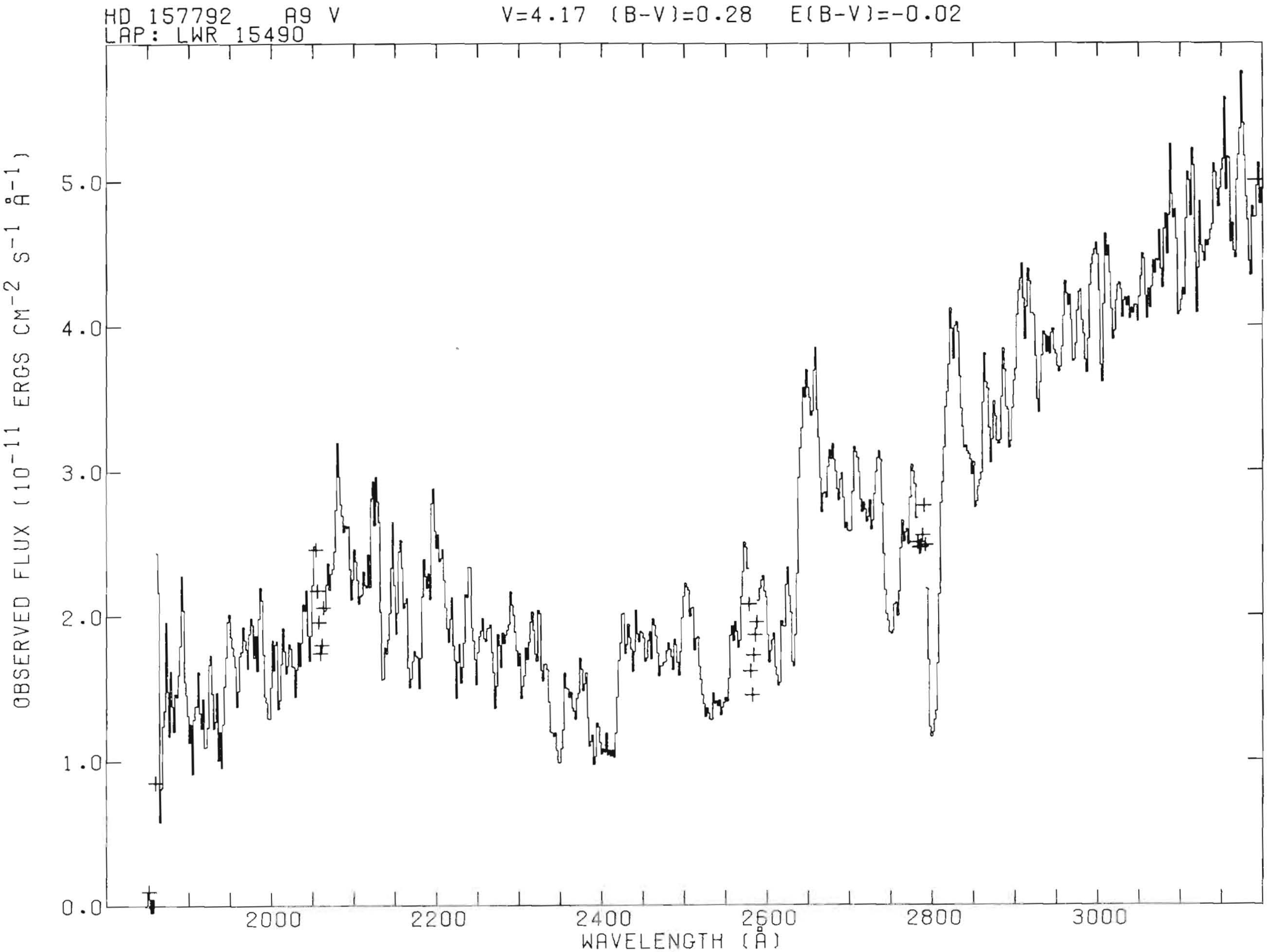

HD 76644 A7 IV + V=3.14 (B-V)=0.19 E(B-V)=-0.03
LAP: LWR 8950
OBSERVED FLUX (10⁻¹⁰ ERGS CM⁻² S⁻¹ Å⁻¹)
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)



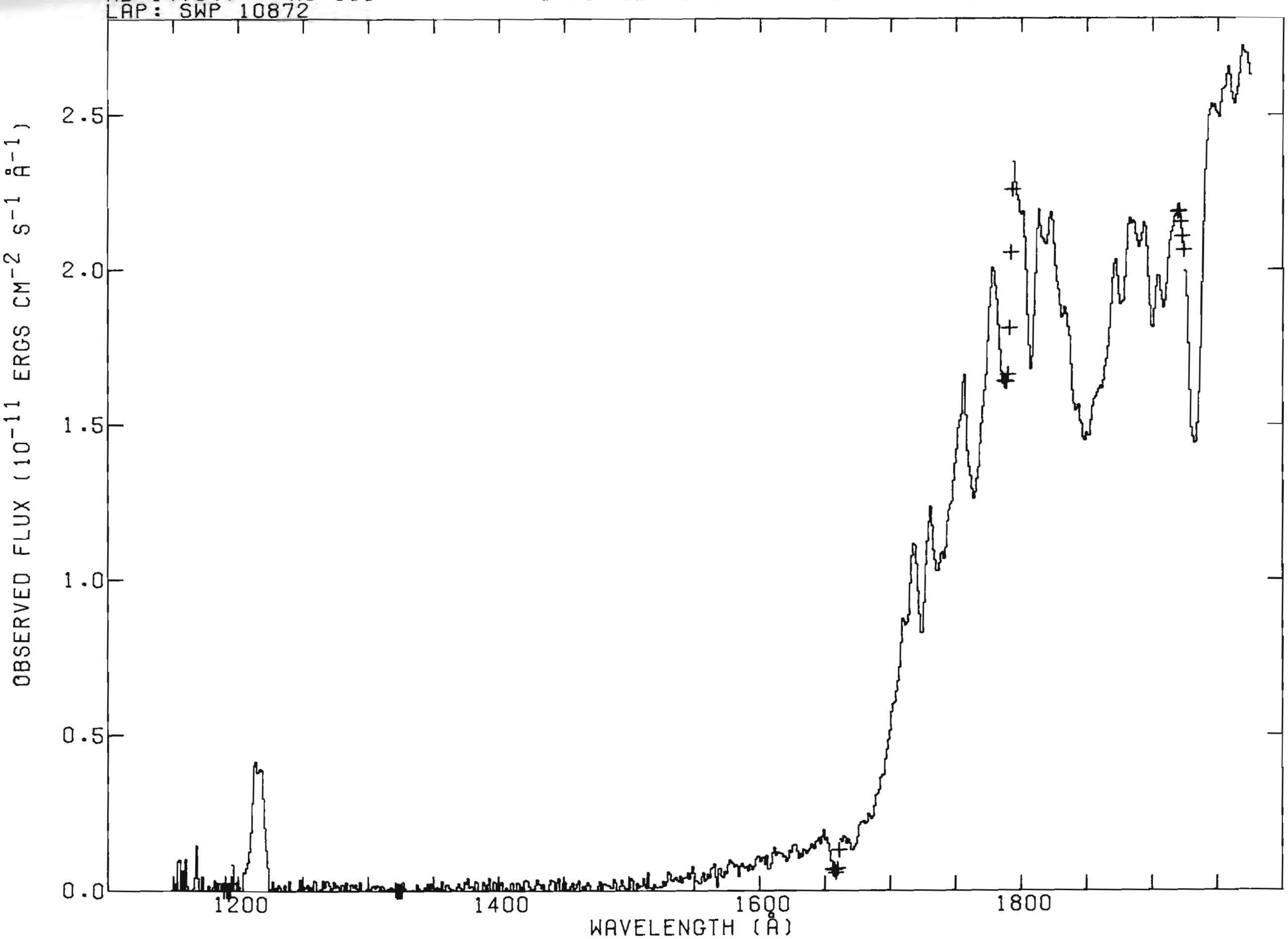
HD 27176 A8 V V=5.65 (B-V)=0.28 E(B-V)=0.01
LAP: SWP 15538
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

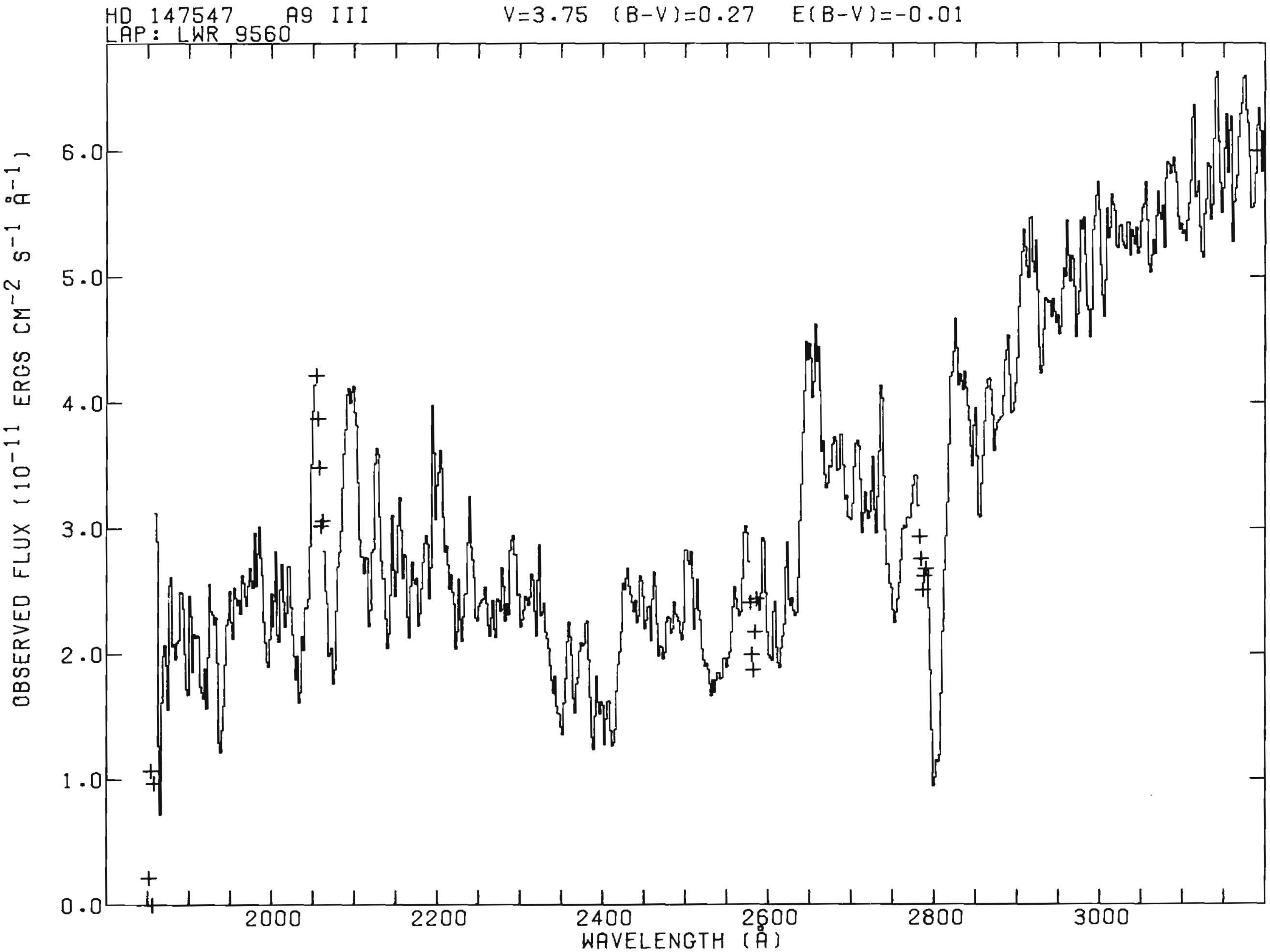

HD 27176 A8 V V=5.65 (B-V)=0.28 E(B-V)=0.01
LAP: LWR 12009, LWR 12182
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

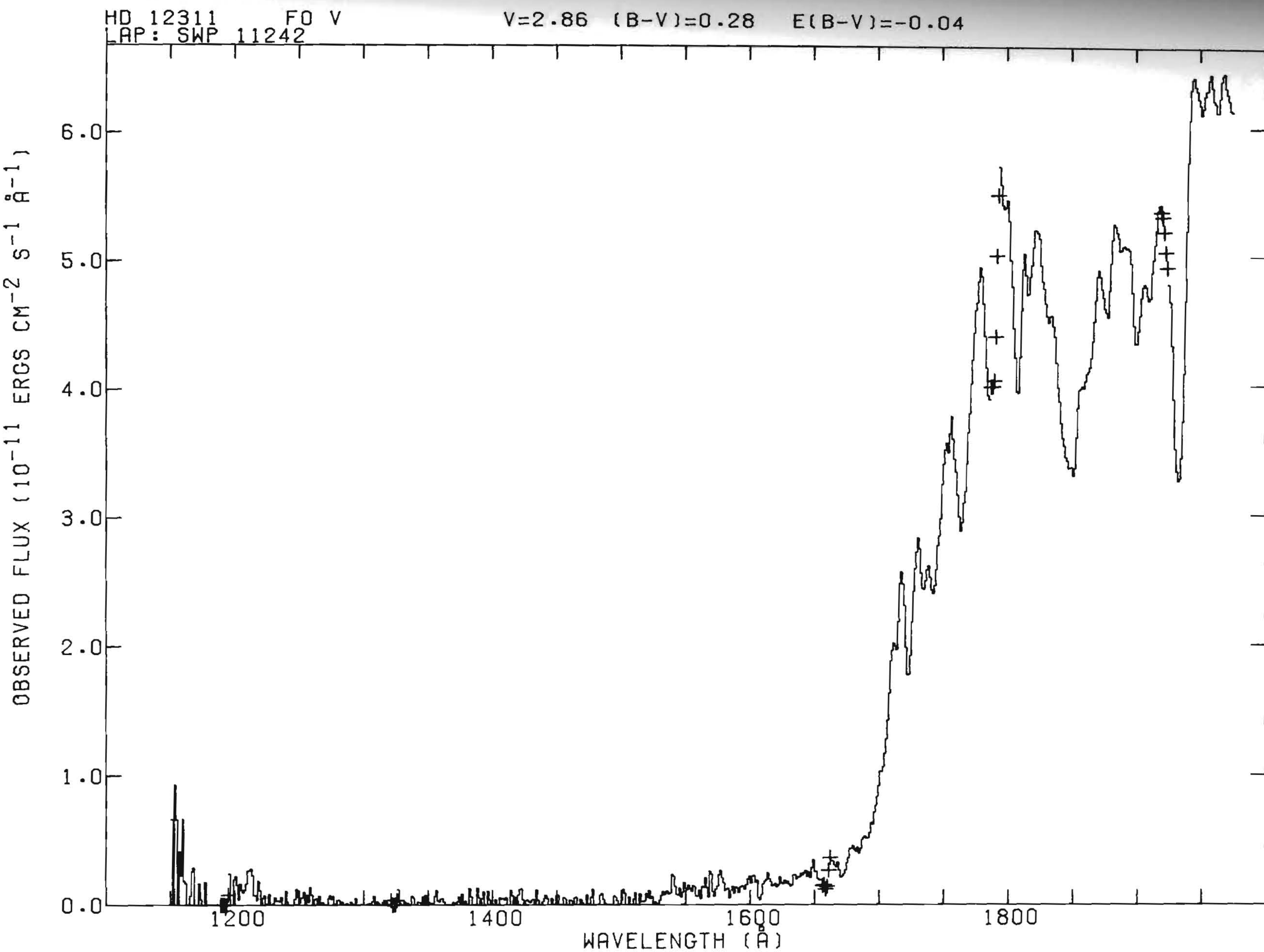

HD 157792 A9 V V=4.17 (B-V)=0.28 E(B-V)=-0.02
LAP: SWP 19498, SWP 19461
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
2.0
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

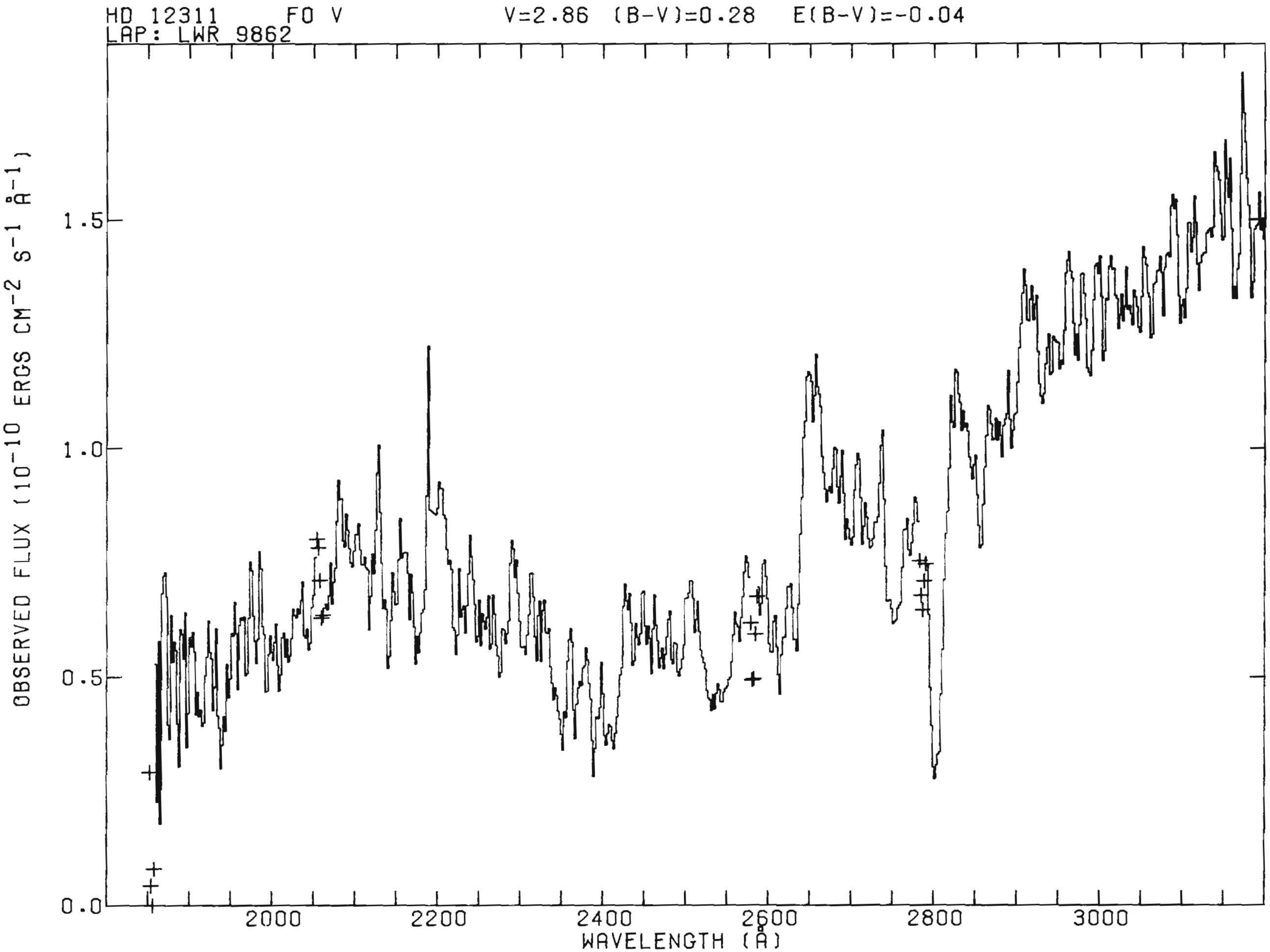

HD 157792 A9 V
V=4.17 (B-V)=0.28 E(B-V)=-0.02
LAP: LWR 15490
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
1.0
2.0
3.0
4.0
5.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

HD 147547 A9 III V=3.75 (B-V)=0.27 E(B-V)=-0.01
LAP: SWP 10872

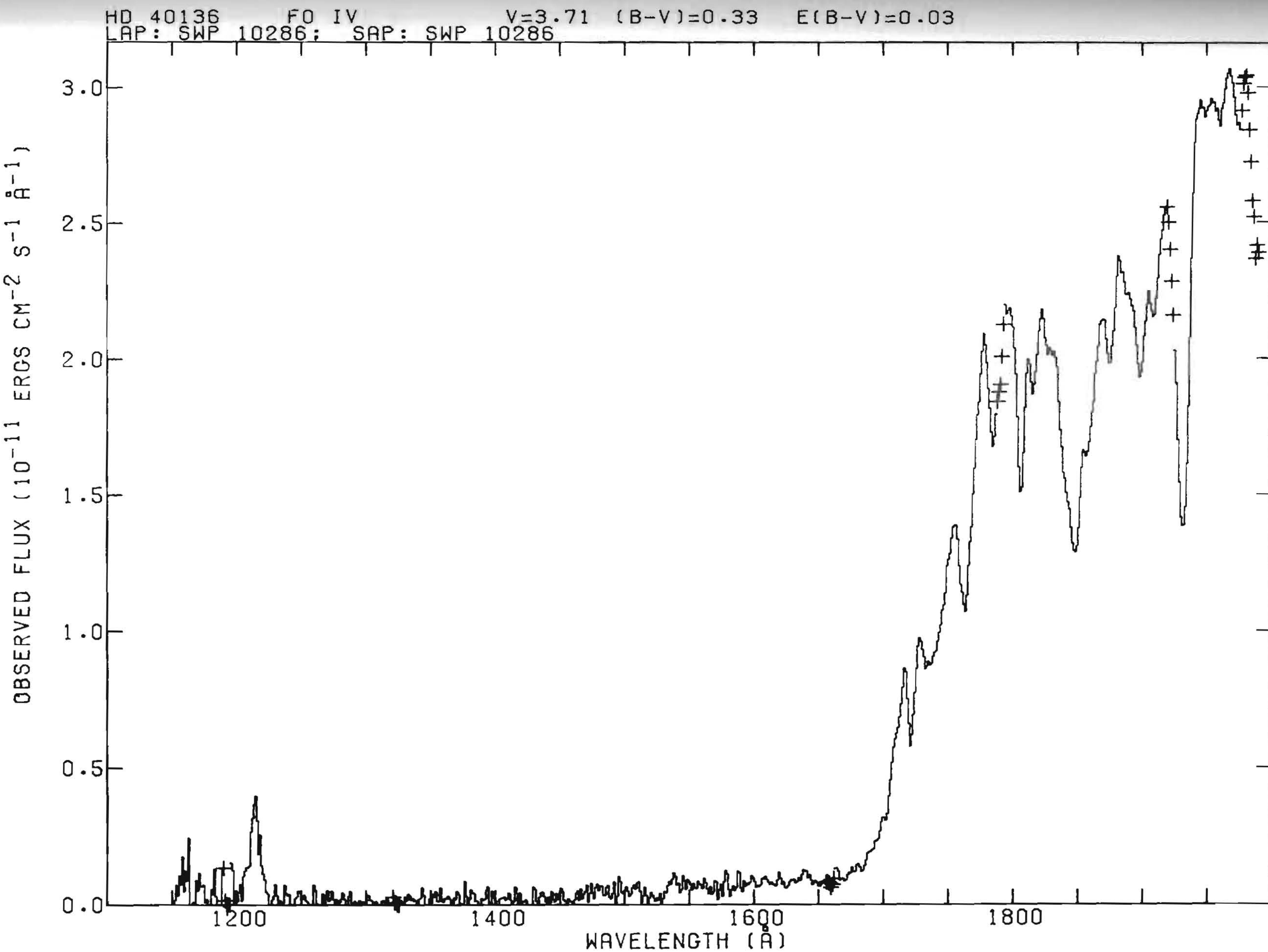


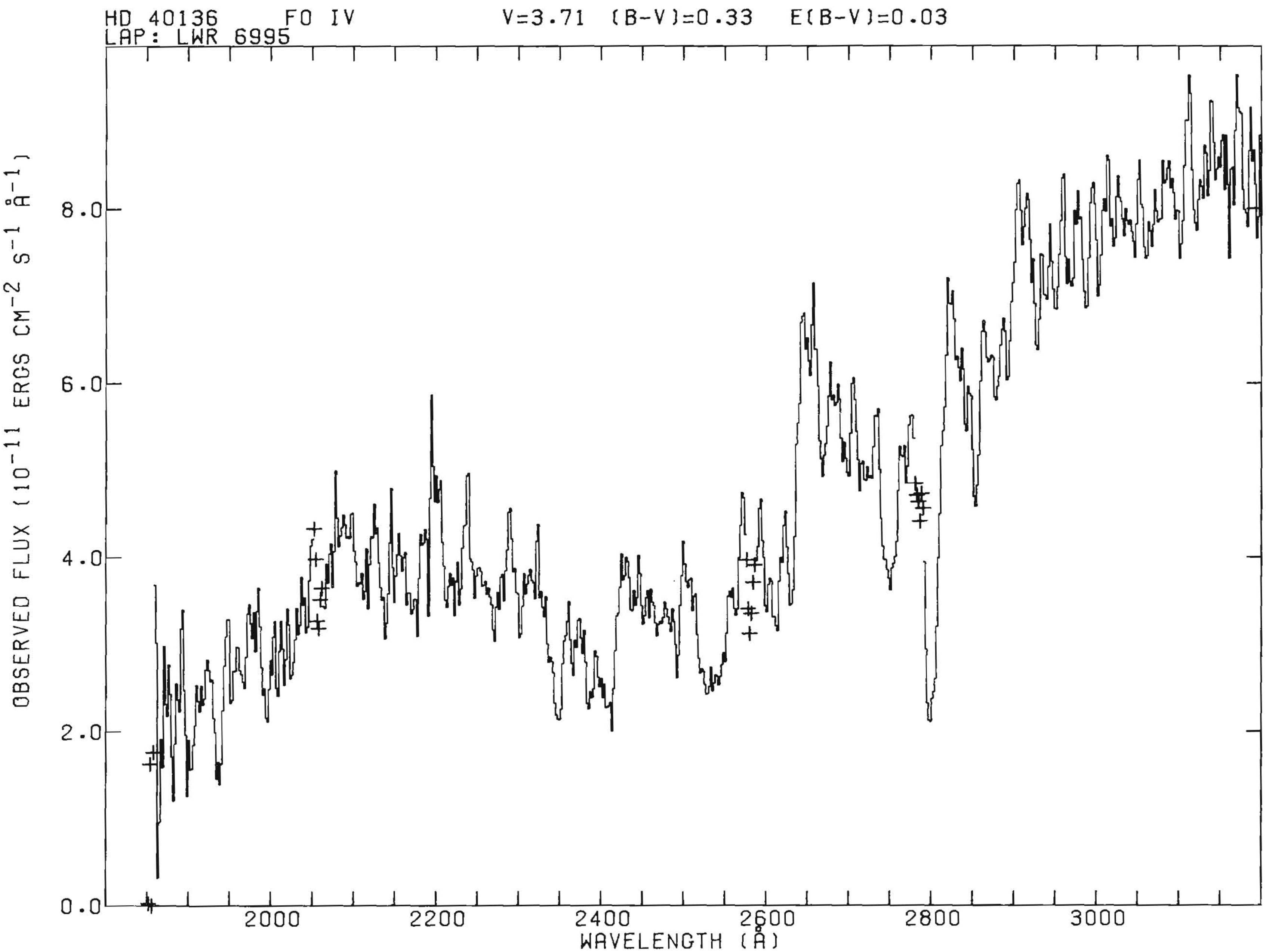

HD 147547   A9 III
LAP: LWR 9560
V=3.75 (B-V)=0.27   E(B-V)=-0.01
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
1.0
2.0
3.0
4.0
5.0
6.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

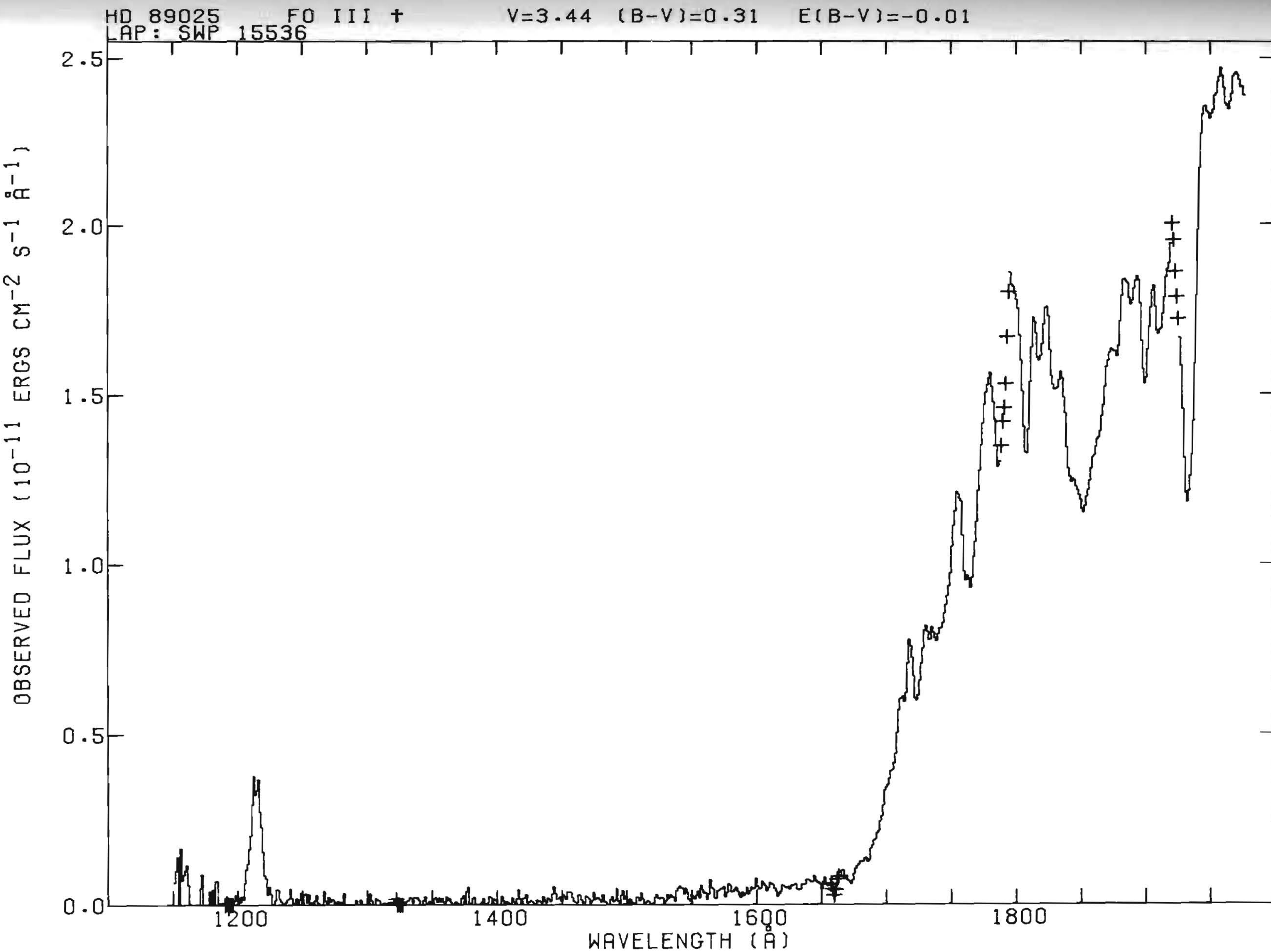

HD 12311 F0 V
LAP: SWP 11242
V=2.86 (B-V)=0.28 E(B-V)=-0.04
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
1.0
2.0
3.0
4.0
5.0
6.0
1200
1400
1600
1800

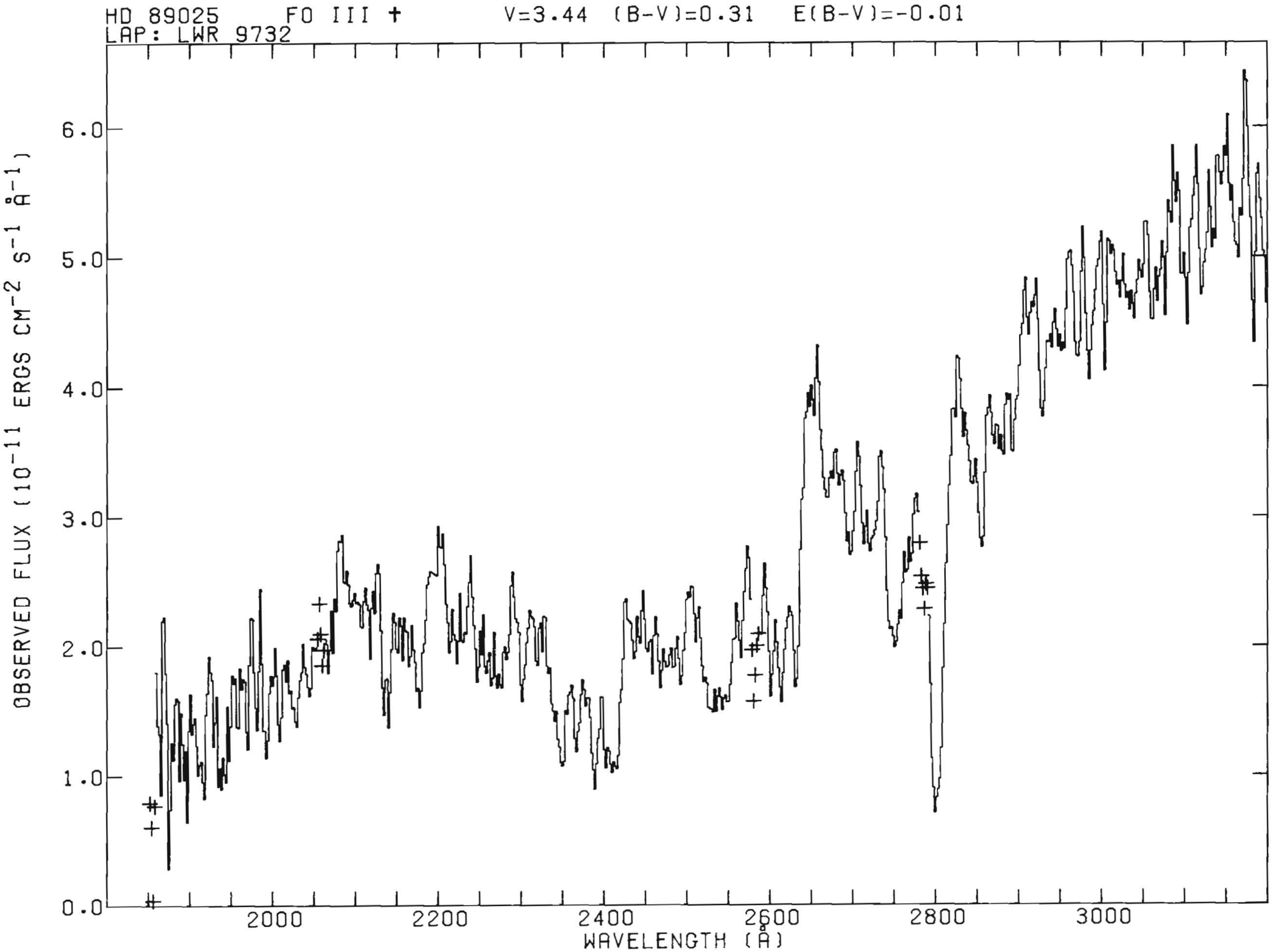


HD 12311 F0 V V=2.86 (B-V)=0.28 E(B-V)=-0.04
LAP: LWR 9862
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

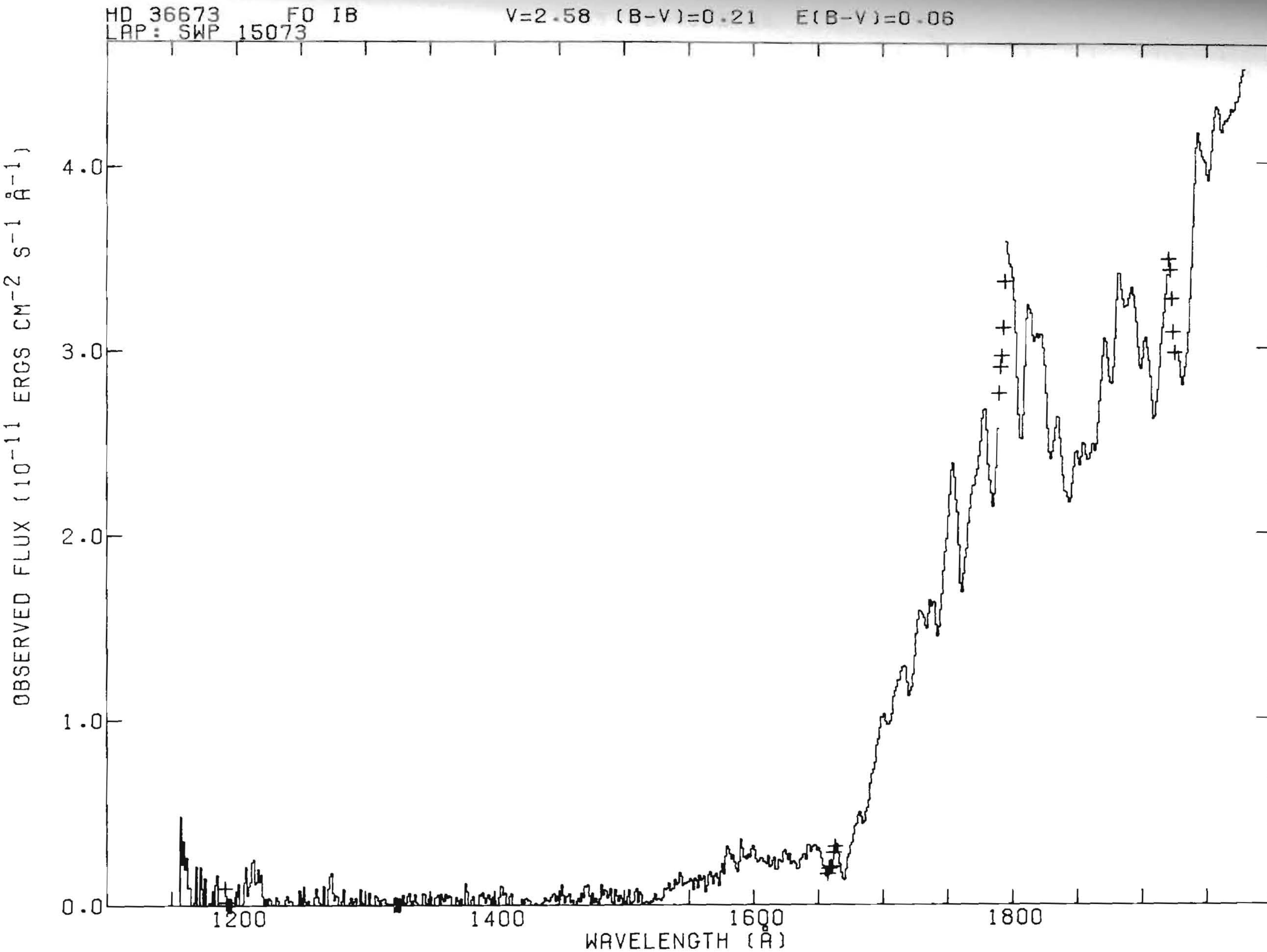

HD 40136 F0 IV V=3.71 (B-V)=0.33 E(B-V)=0.03
LAP: SWP 10286; SAP: SWP 10286
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} Å^{-1})
3.0
2.5
2.0
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

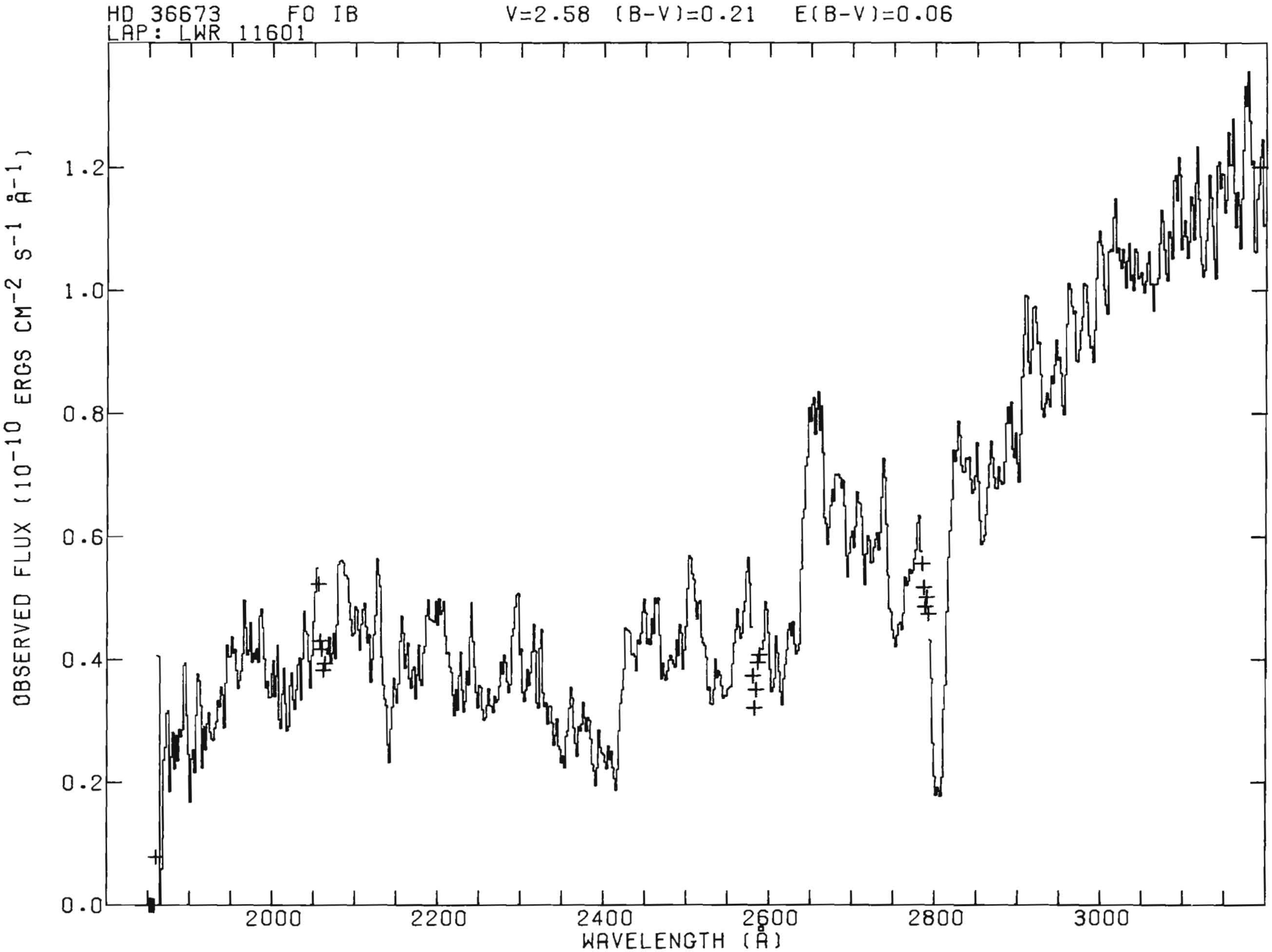

HD 40136 F0 IV V=3.71 (B-V)=0.33 E(B-V)=0.03
LAP: LWR 6995
OBSERVED FLUX (10^-11 ERGS CM^-2 S^-1 Å^-1)
WAVELENGTH (Å)
0.0
2.0
4.0
6.0
8.0
2000
2200
2400
2600
2800
3000

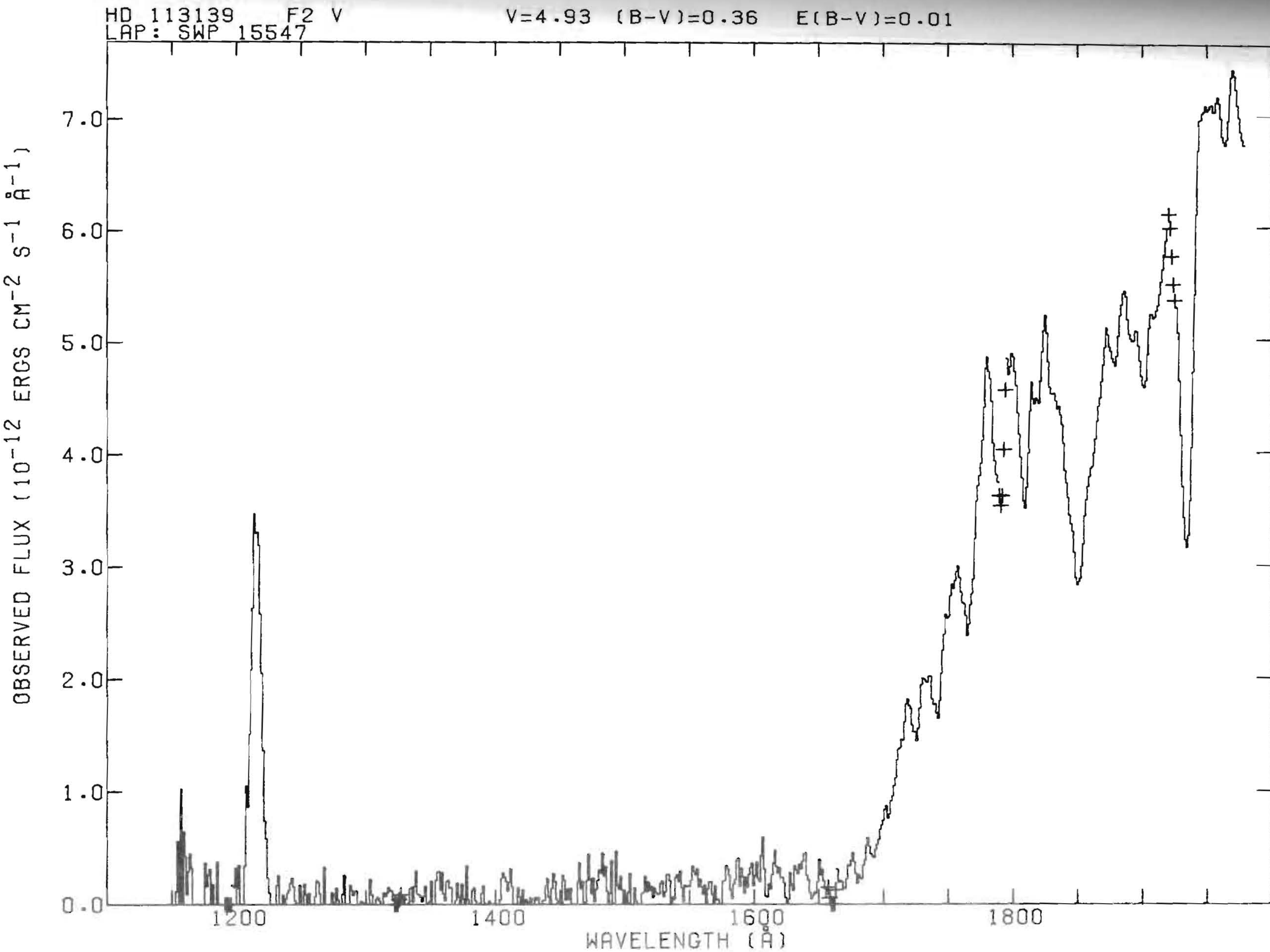

HD 89025 F0 III +
V=3.44 (B-V)=0.31 E(B-V)=-0.01
LAP: SWP 15536
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
2.5
2.0
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

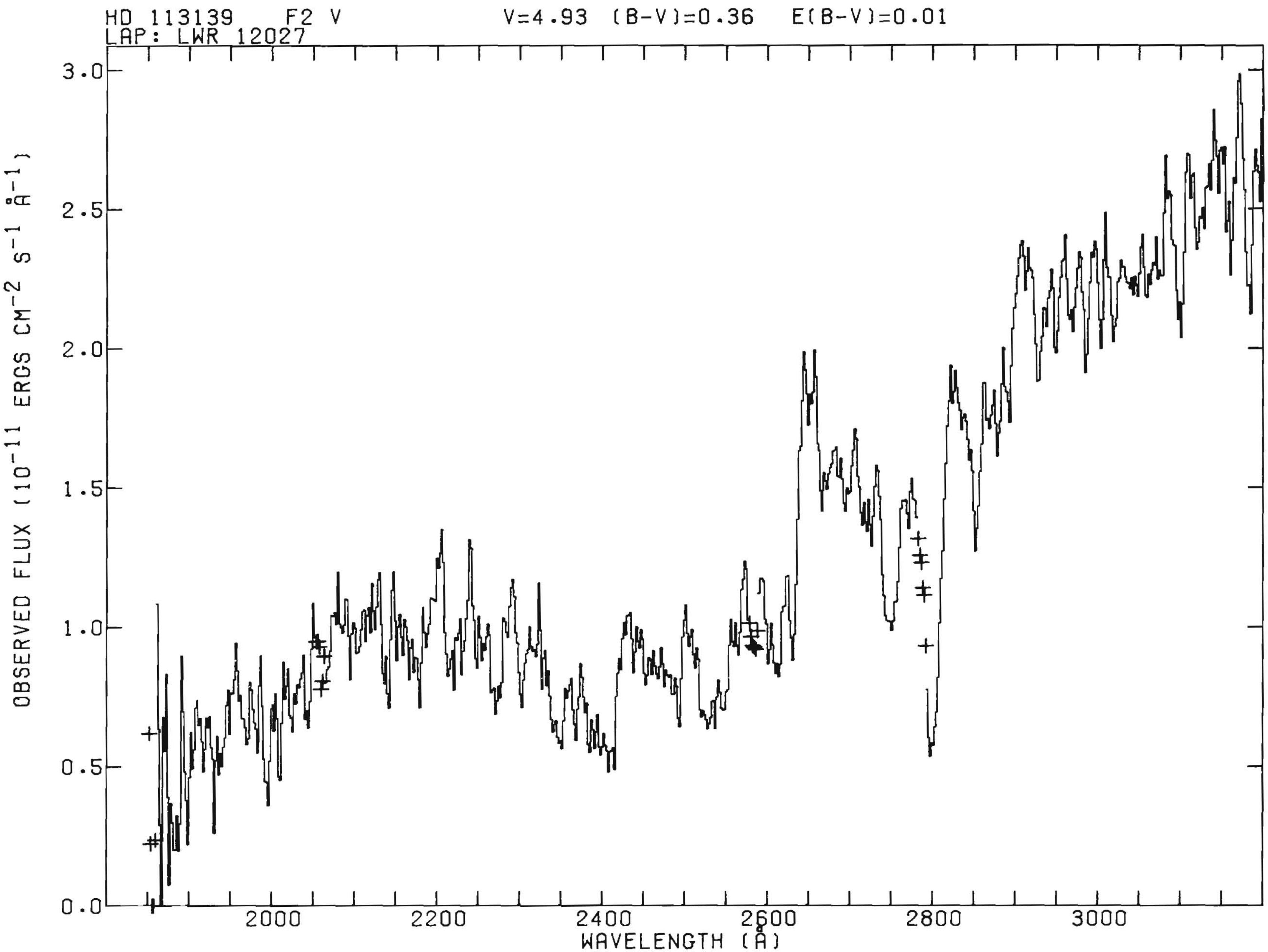


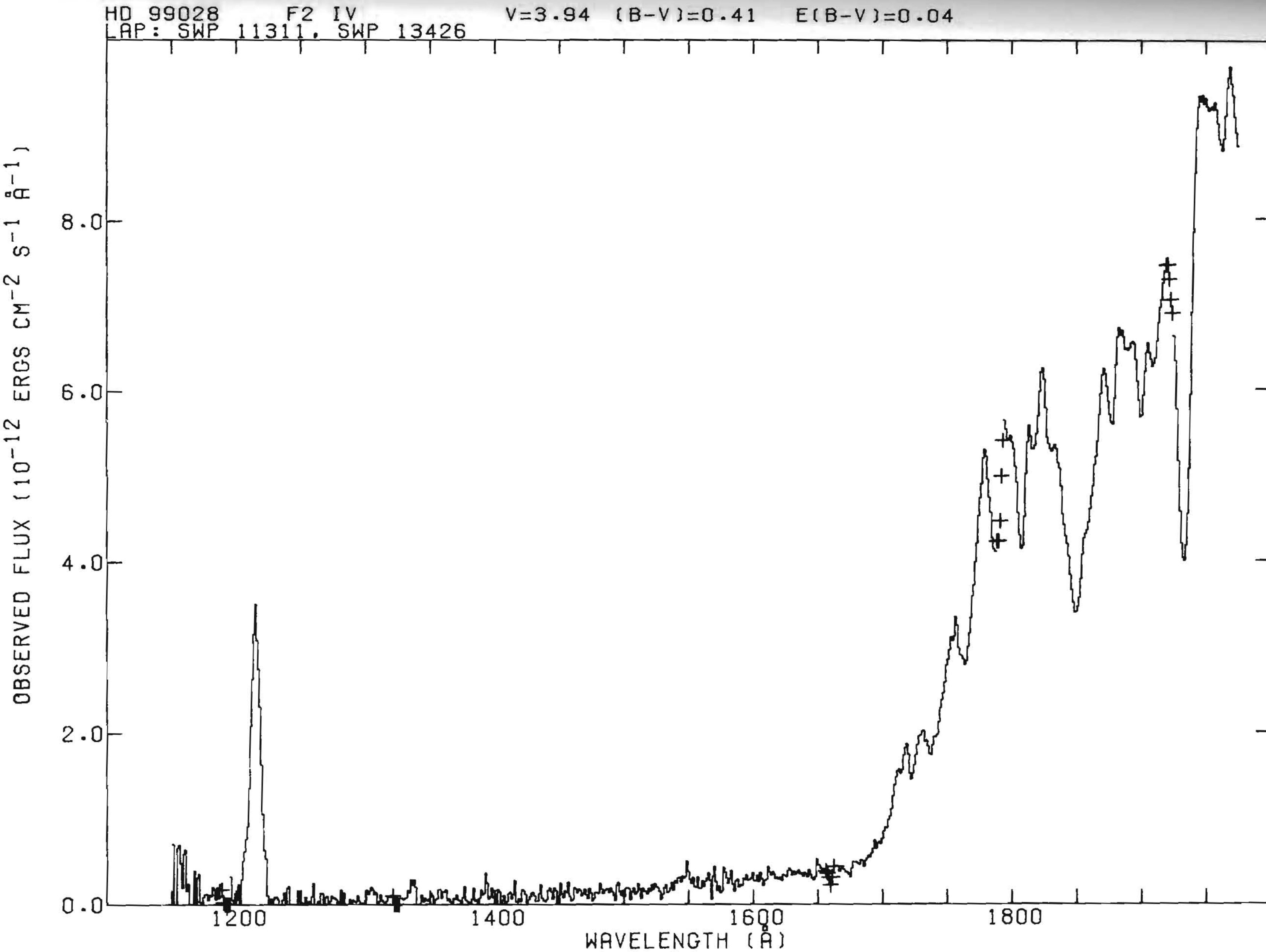
HD 89025 F0 III + V=3.44 (B-V)=0.31 E(B-V)=-0.01
LAP: LWR 9732
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
1.0
2.0
3.0
4.0
5.0
6.0
2000
2200
2400
2600
2800
3000

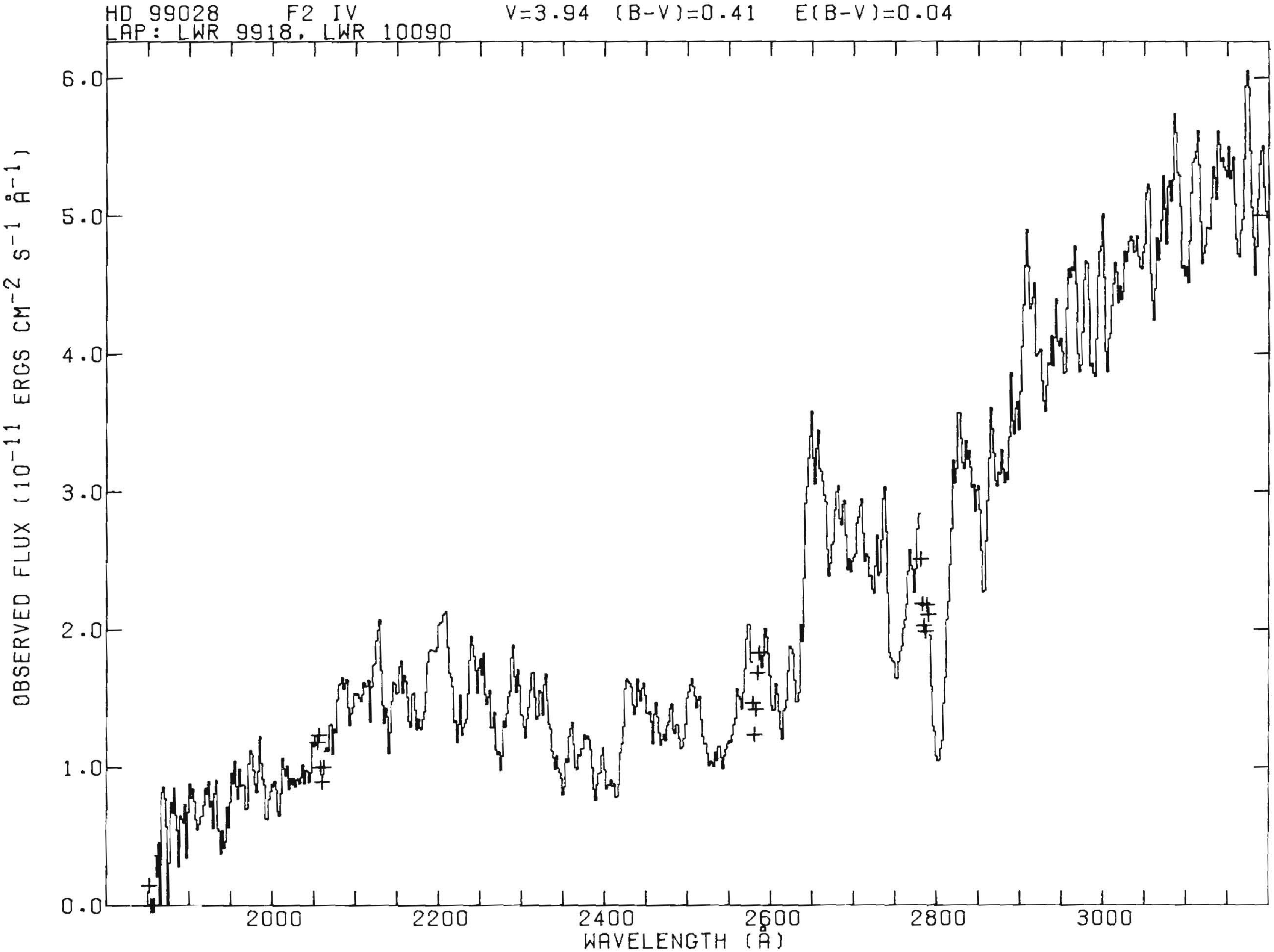

HD 36673 F0 IB V=2.58 (B-V)=0.21 E(B-V)=0.06
LAP: SWP 15073
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
1.0
2.0
3.0
4.0
1200
1400
1600
1800


HD 36673 F0 IB V=2.58 (B-V)=0.21 E(B-V)=0.06
LAP: LWR 11601
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

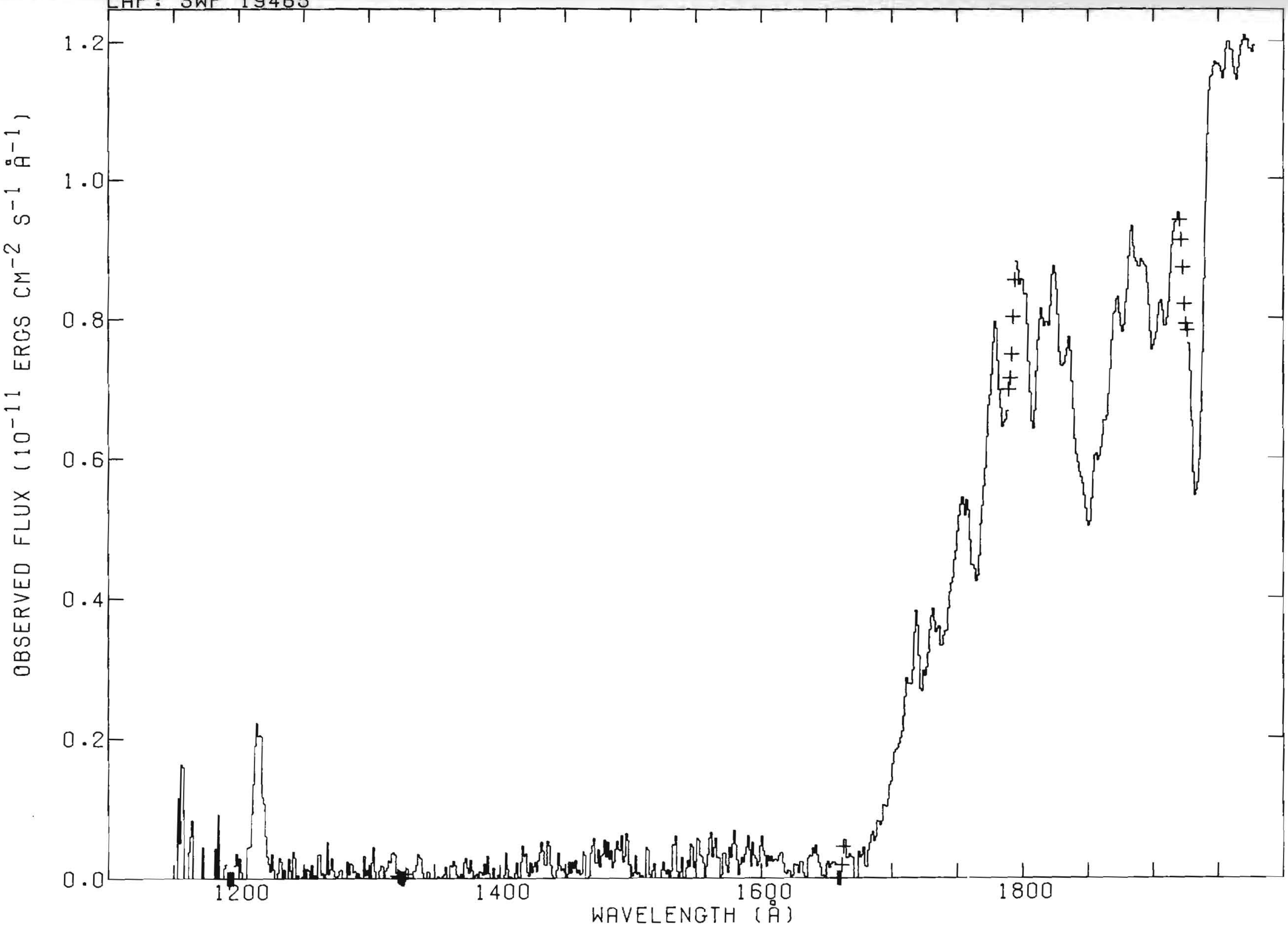

HD 113139 F2 V
LAP: SWP 15547
V=4.93 (B-V)=0.36 E(B-V)=0.01
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

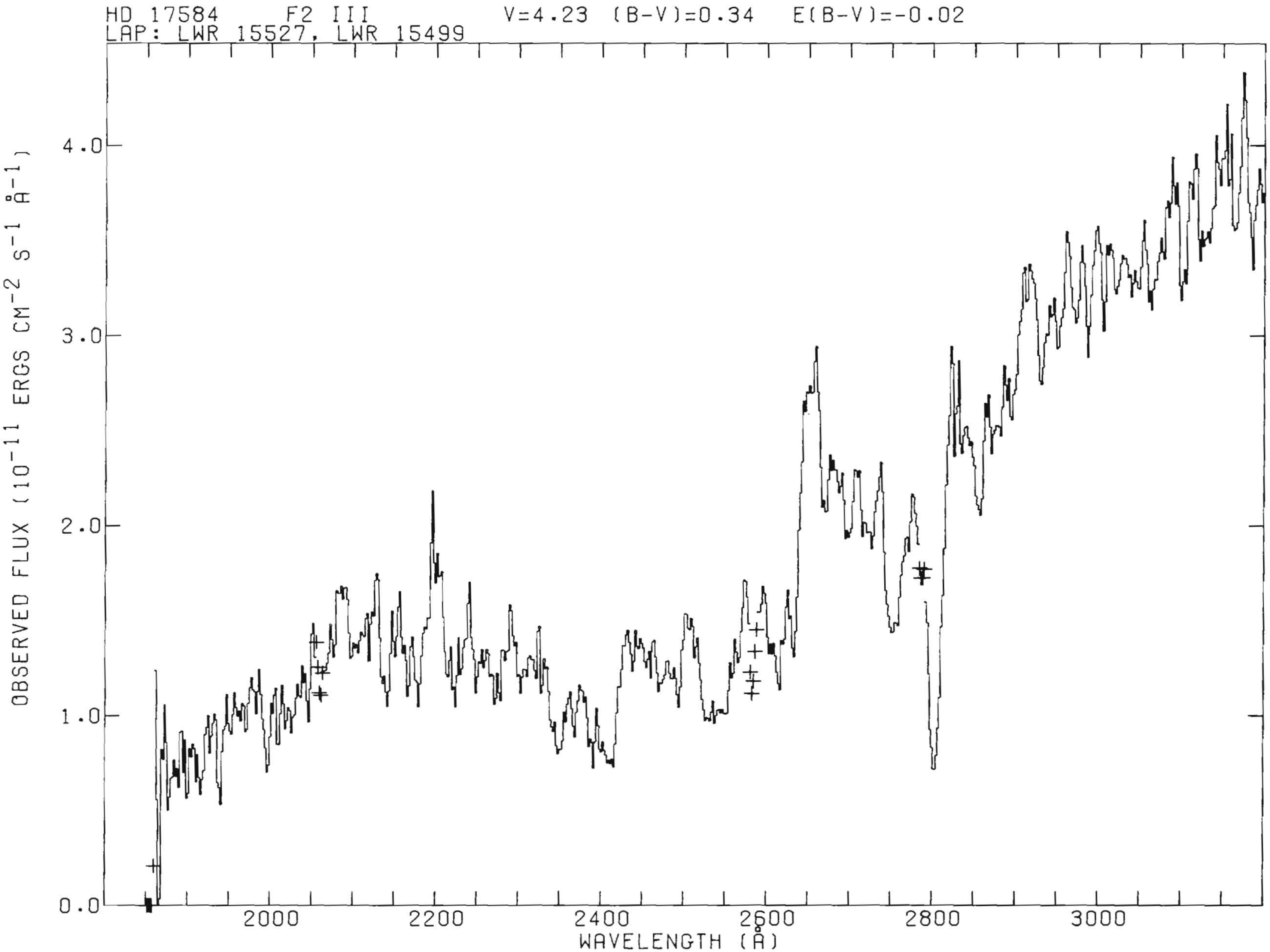

HD 113139 F2 V V=4.93 (B-V)=0.36 E(B-V)=0.01
LAP: LWR 12027
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000

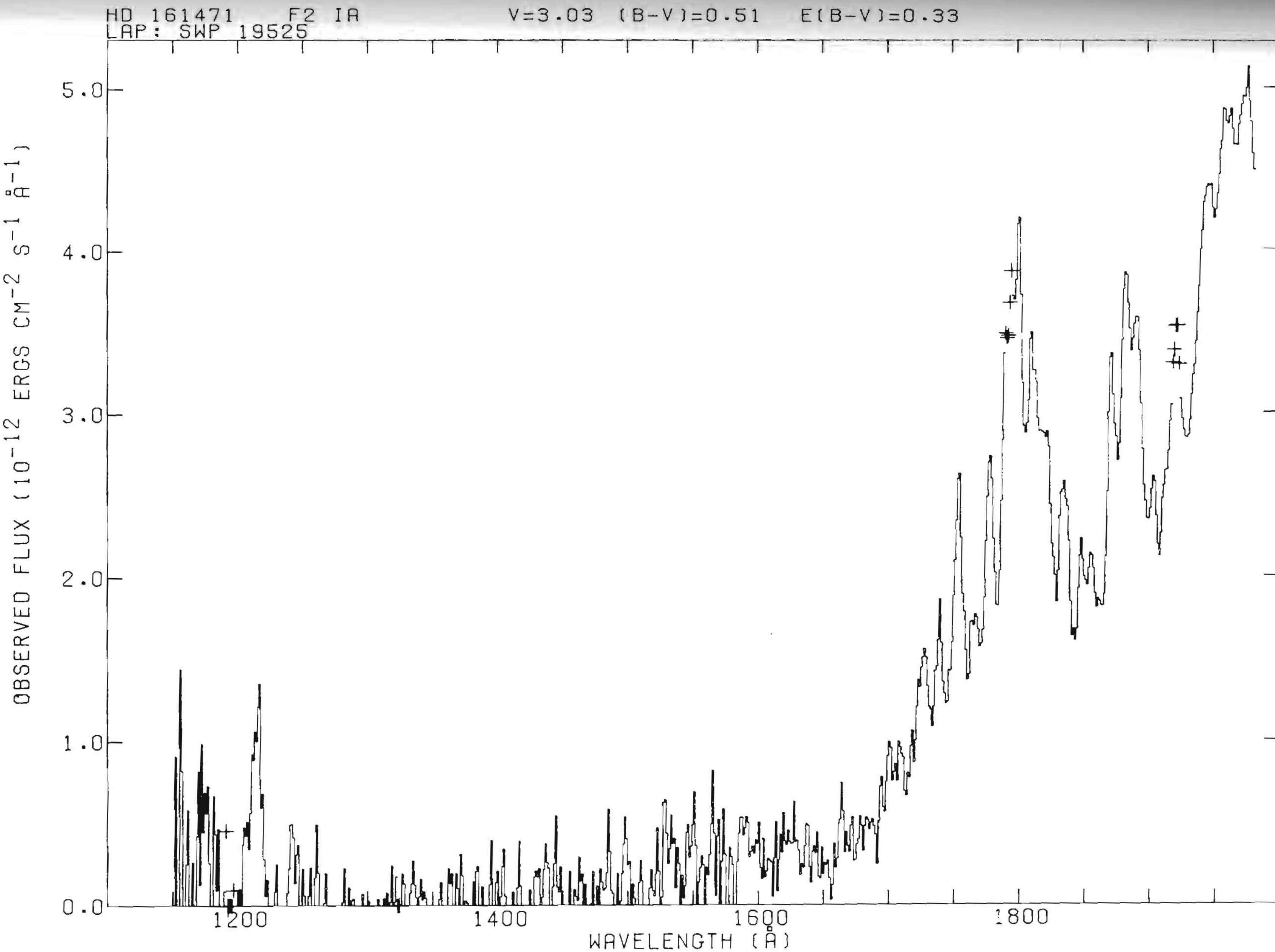

HD 99028 F2 IV V=3.94 (B-V)=0.41 E(B-V)=0.04
LAP: SWP 11311, SWP 13426
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
2.0
4.0
6.0
8.0
1200
1400
1600
1800

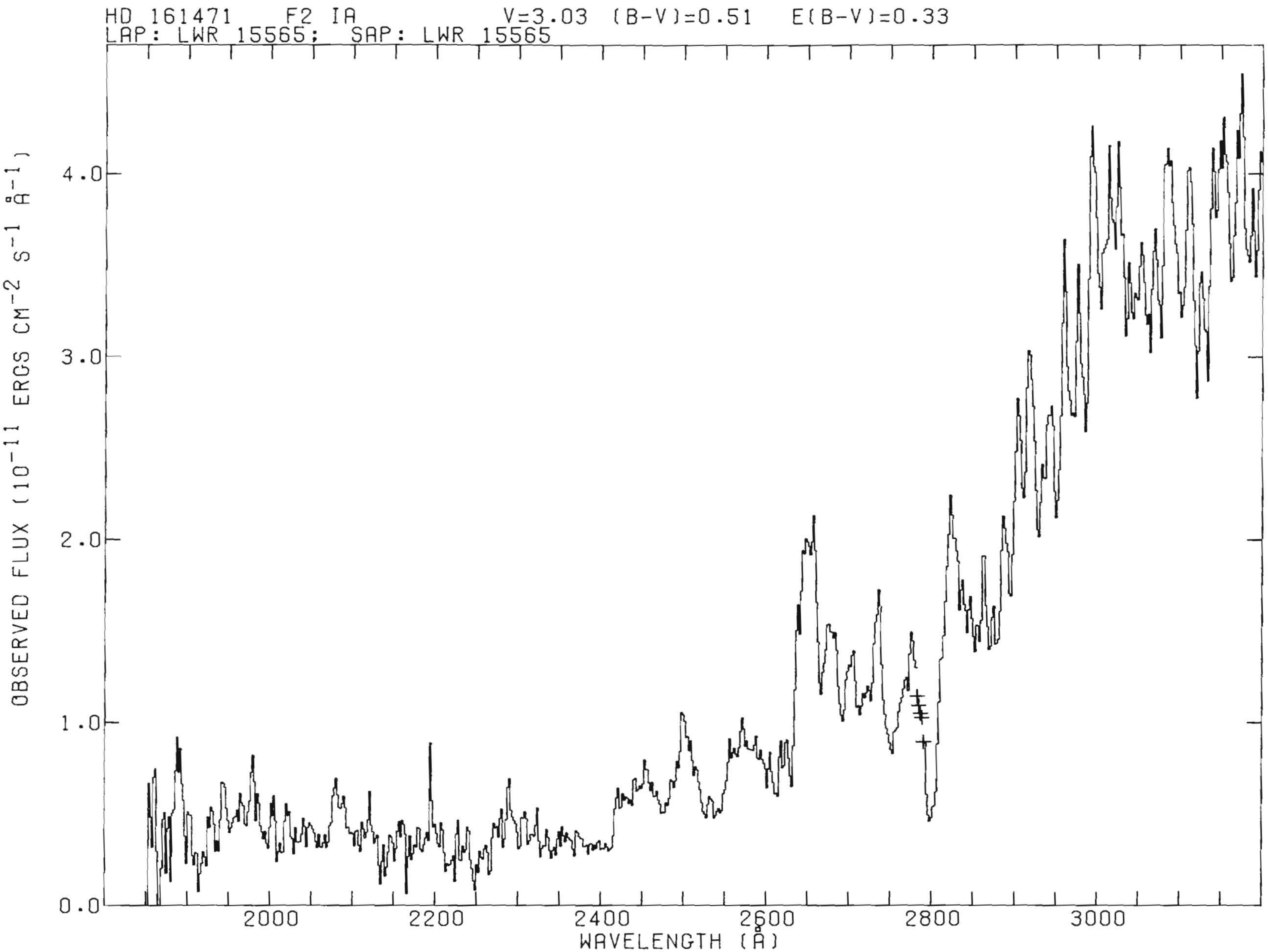

HD 99028 F2 IV V=3.94 (B-V)=0.41 E(B-V)=0.04
LAP: LWR 9918, LWR 10090
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
1.0
2.0
3.0
4.0
5.0
6.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

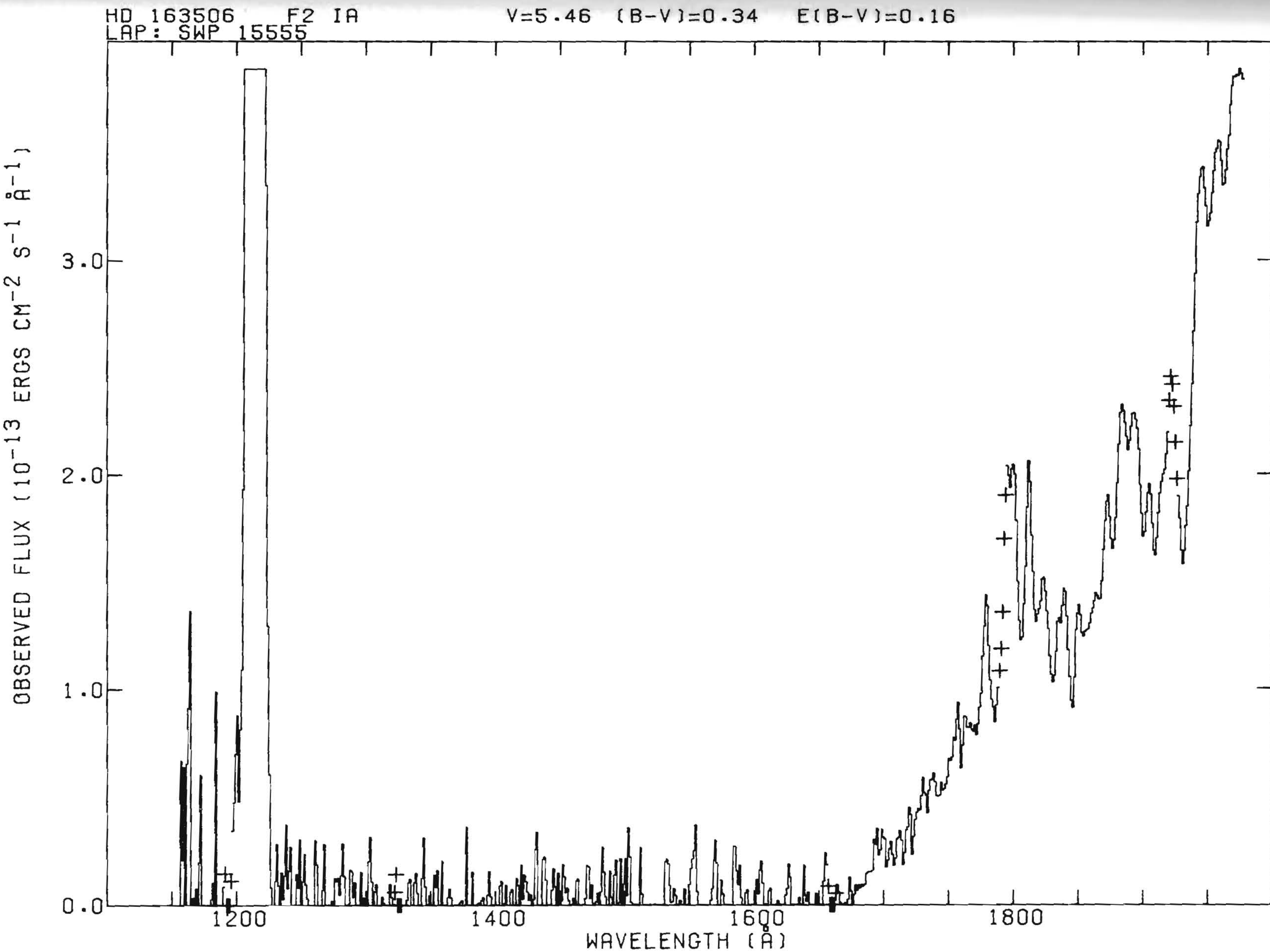
HD 17584 F2 III V=4.23 (B-V)=0.34 E(B-V)=-0.02
LAP: SWP 19465

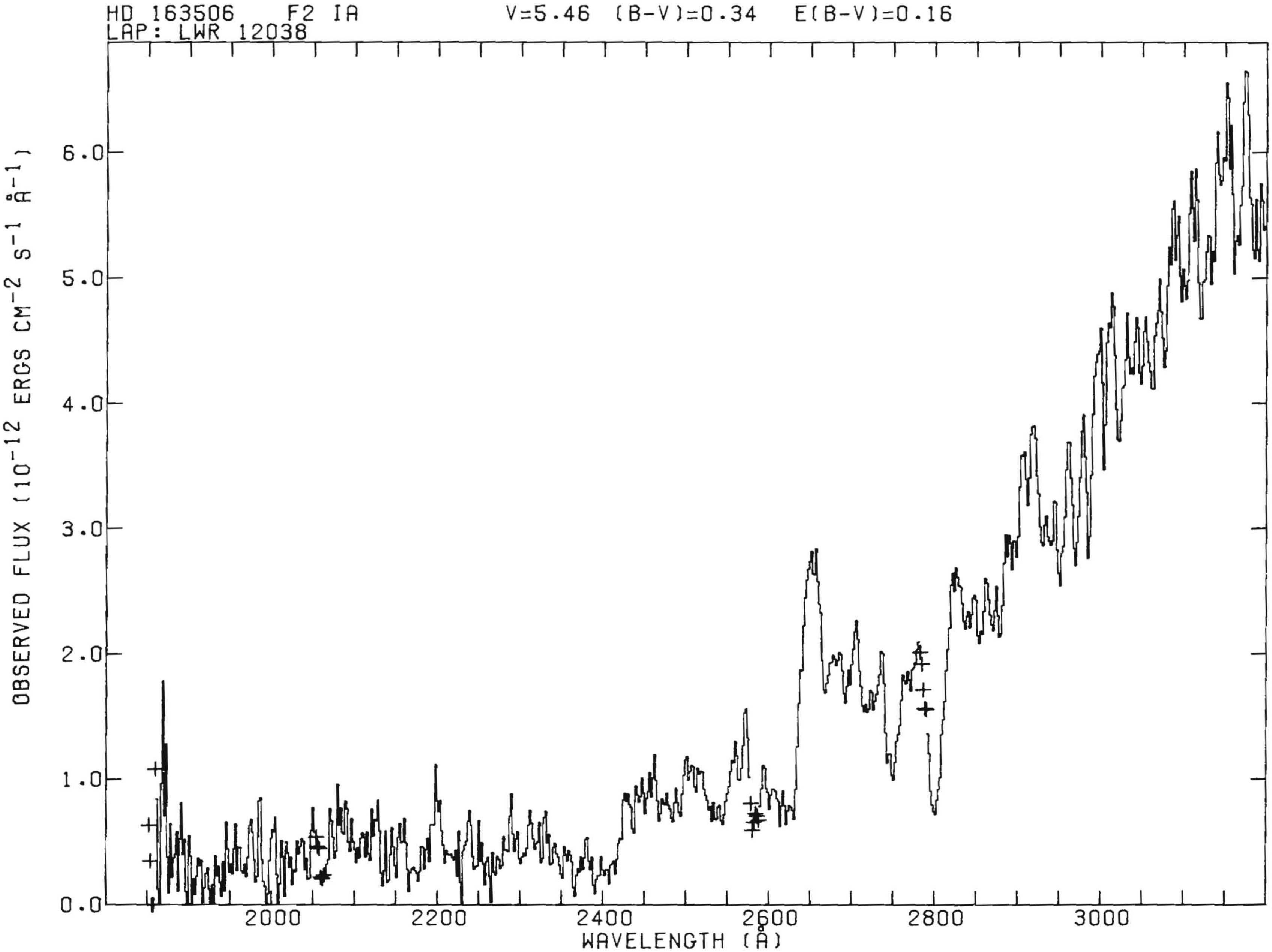



HD 17584 F2 III V=4.23 (B-V)=0.34 E(B-V)=-0.02
LAP: LWR 15527, LWR 15499
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 161471 F2 IA V=3.03 (B-V)=0.51 E(B-V)=0.33
LAP: SWP 19525
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
5.0
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

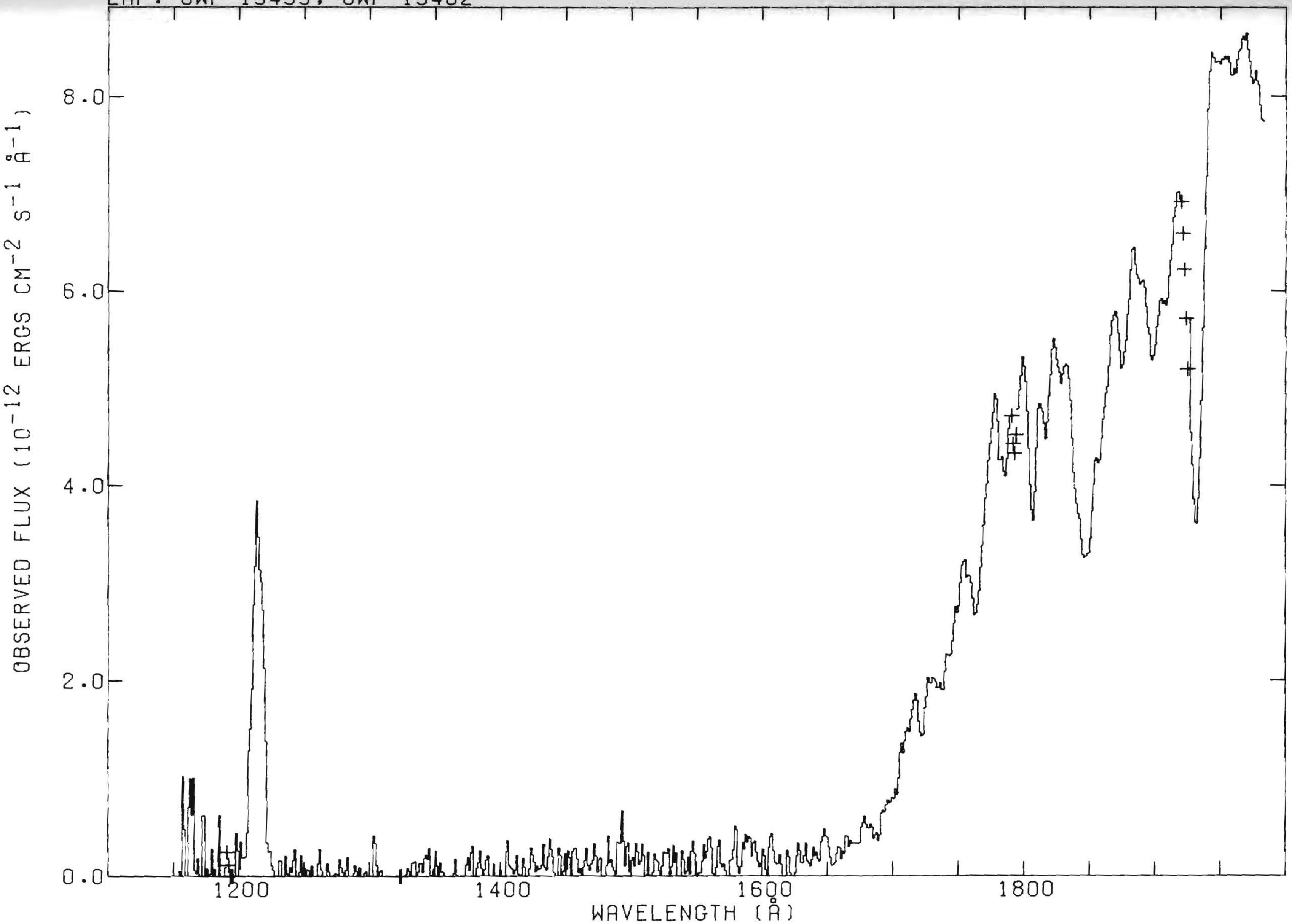

HD 161471 F2 IA V=3.03 (B-V)=0.51 E(B-V)=0.33
LAP: LWR 15565; SAP: LWR 15565
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

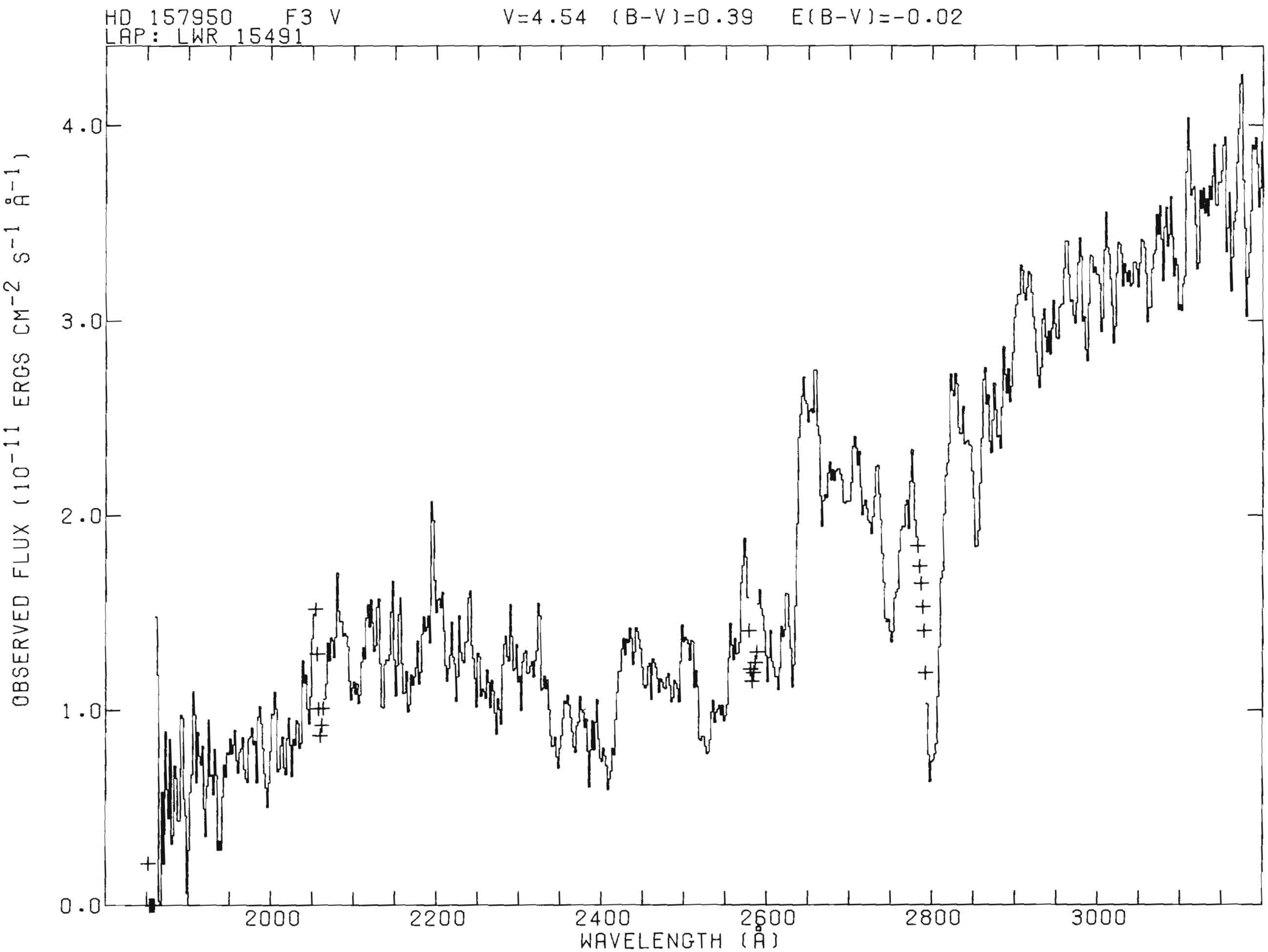

HD 163506 F2 IA V=5.46 (B-V)=0.34 E(B-V)=0.16
LAP: SWP 15555
OBSERVED FLUX (10^{-13} ERGS CM^{-2} S^{-1} Å^{-1})
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)



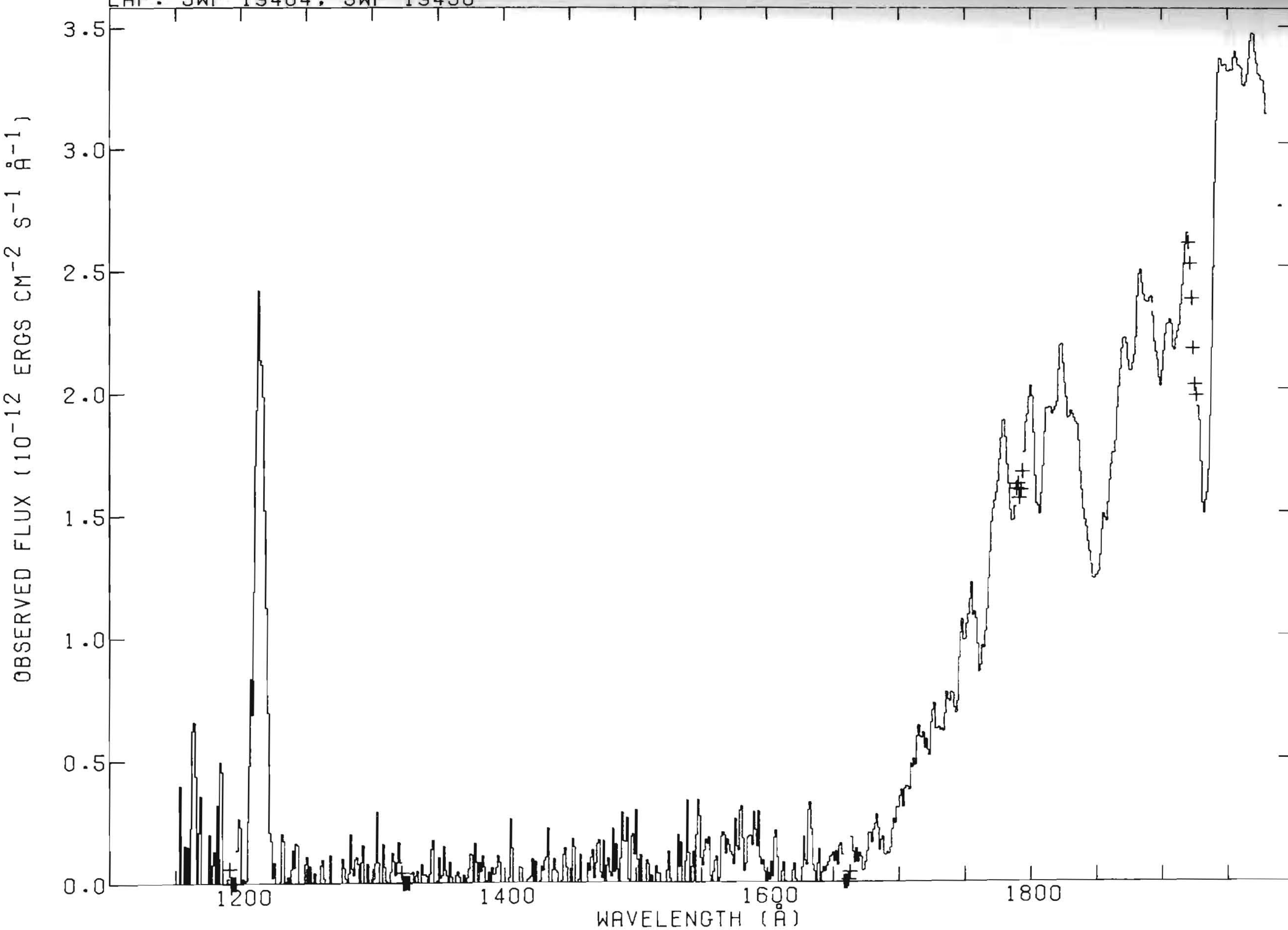
HD 163506 F2 IA
V=5.46 (B-V)=0.34 E(B-V)=0.16
LAP: LWR 12038
OBSERVED FLUX (10^-12 ERGS CM^-2 S^-1 Å^-1)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

HD 157950 F3 V V=4.54 (B-V)=0.39 E(B-V)=-0.02
LAP: SWP 19499, SWP 19462

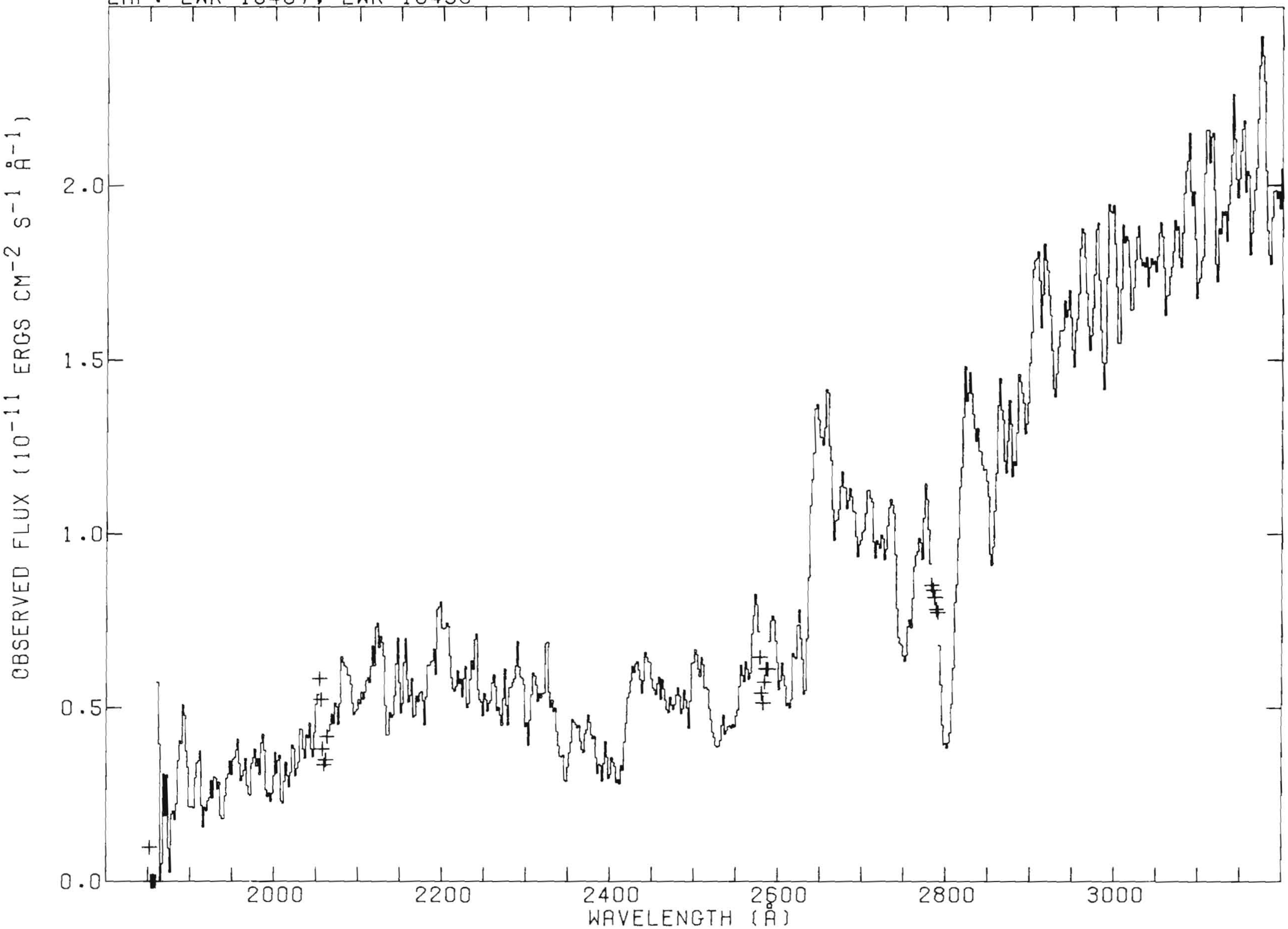


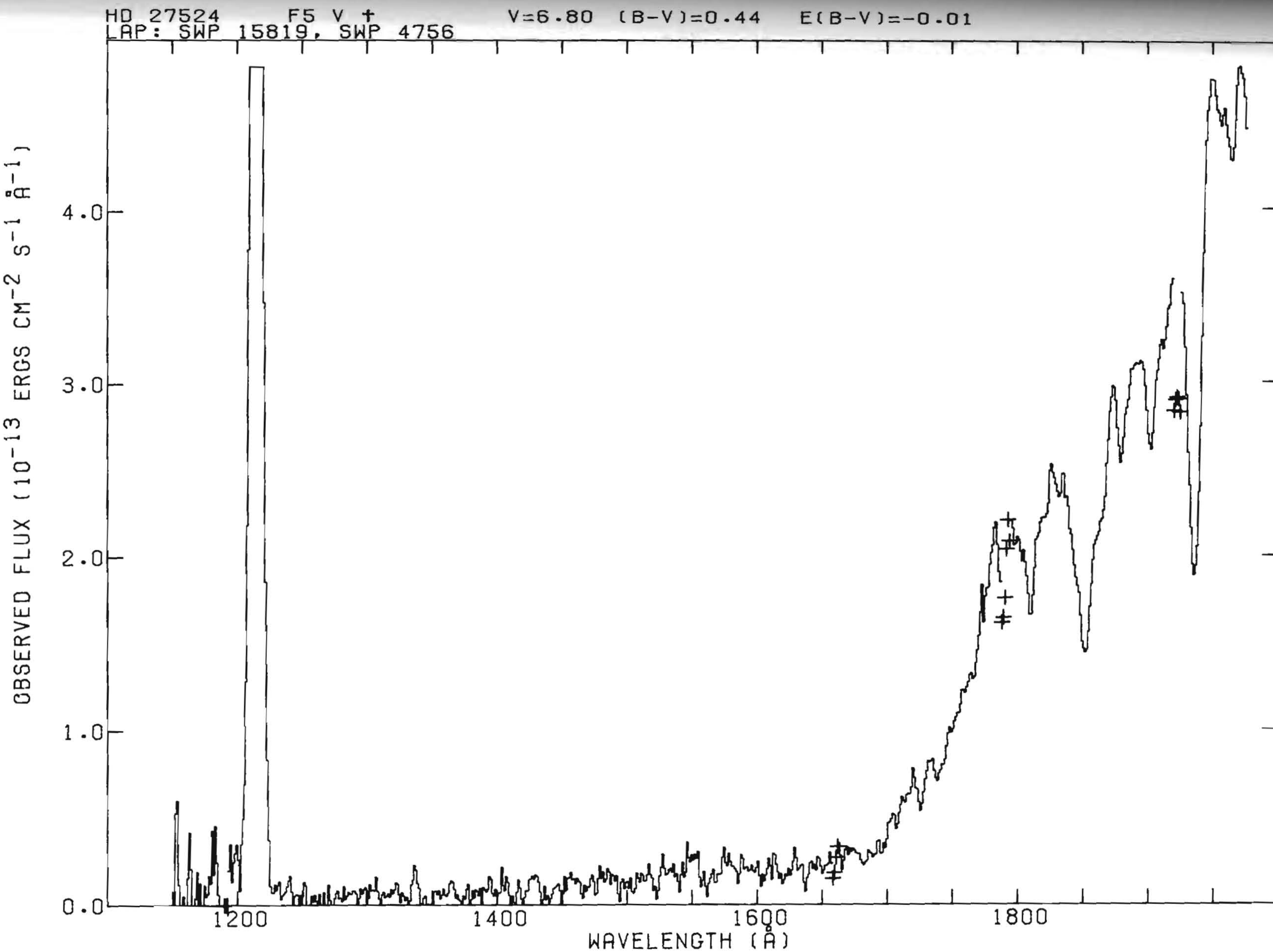

HD 157950 F3 V V=4.54 (B-V)=0.39 E(B-V)=-0.02
LAP: LWR 15491
OBSERVED FLUX (10^-11 ERGS CM^-2 S^-1 Å^-1)
WAVELENGTH (Å)
0.0
1.0
2.0
3.0
4.0
2000
2200
2400
2600
2800
3000

HD 61110 F3 III V=4.90 (B-V)=0.40 E(B-V)=0.01
LAP: SWP 19464, SWP 19458

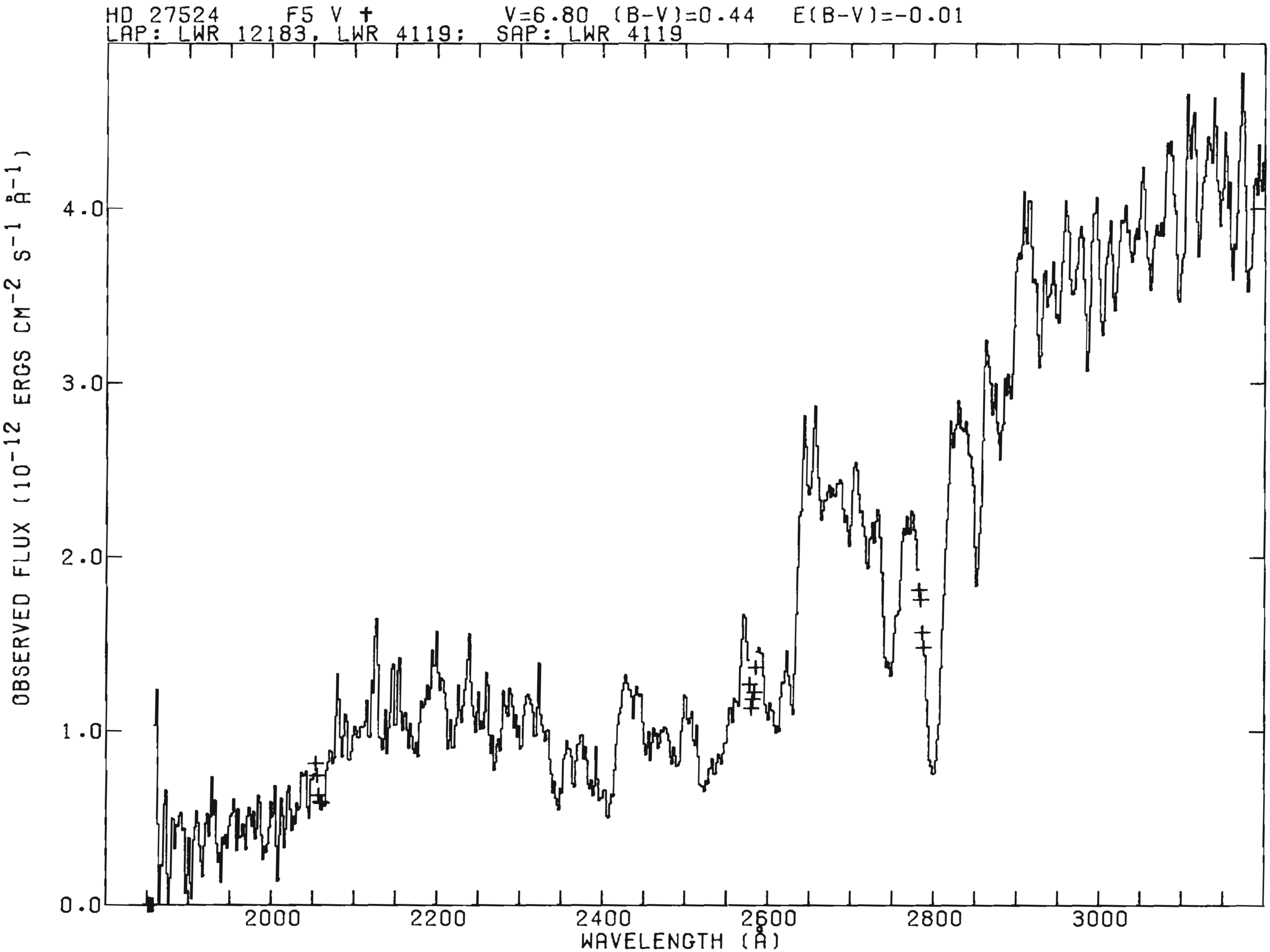


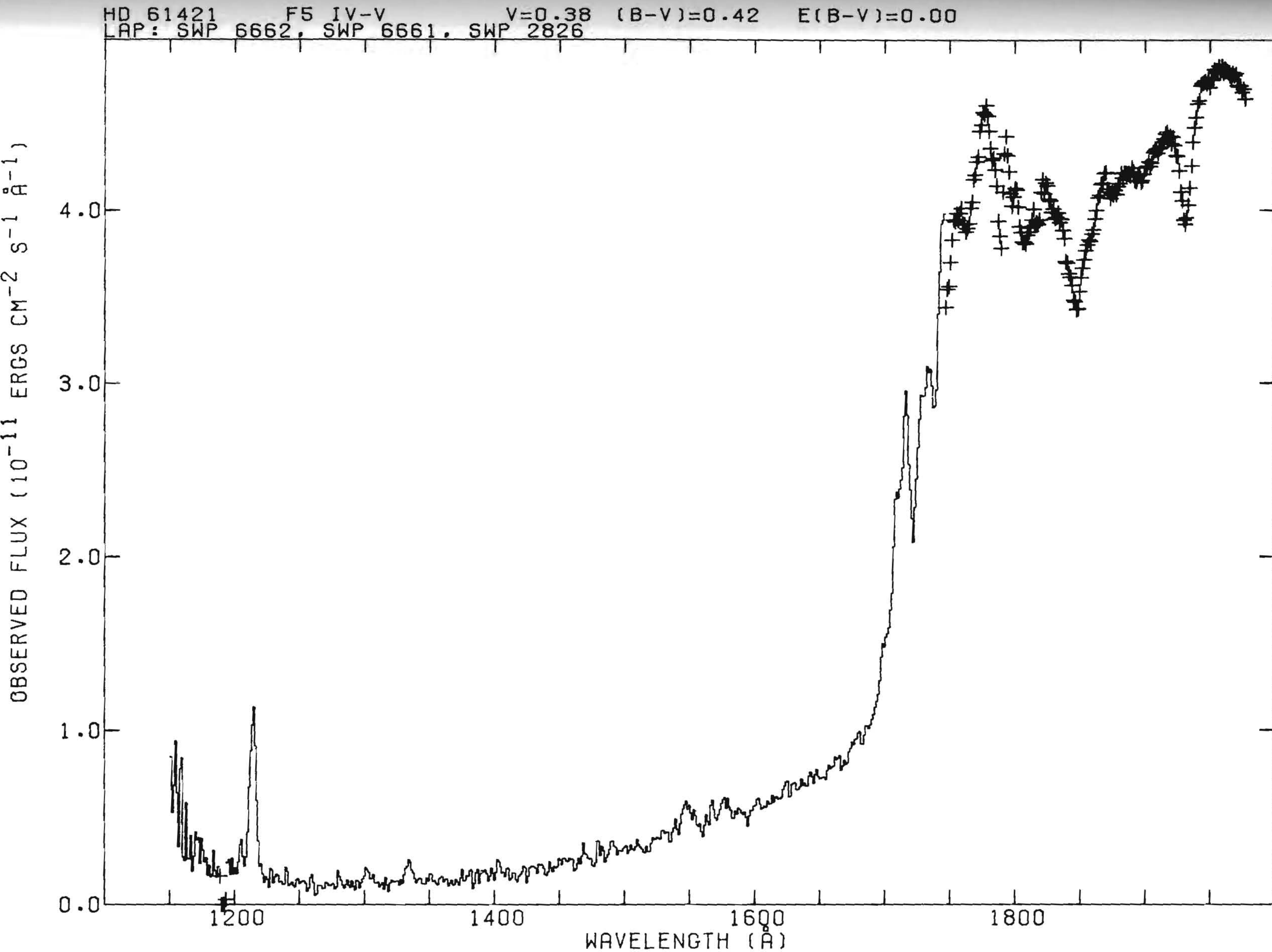
HD 61110 F3 III V=4.90 (B-V)=0.40 E(B-V)=0.01
LAP: LWR 15487, LWR 15498



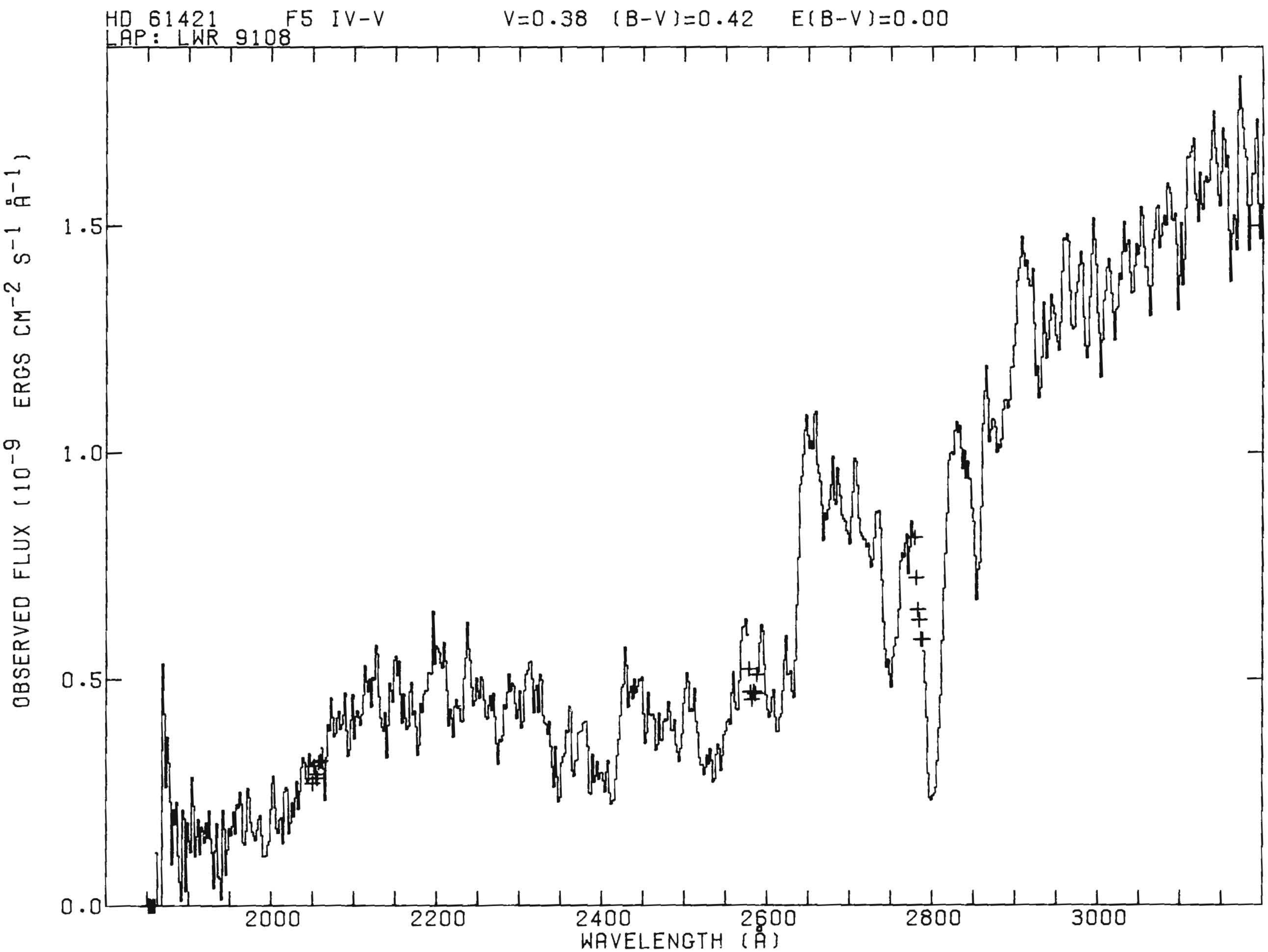


HD 27524 F5 V + V=6.80 (B-V)=0.44 E(B-V)=-0.01
LAP: SWP 15819, SWP 4756
OBSERVED FLUX (10^{-13} ERGS CM^{-2} S^{-1} $Å^{-1}$)
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

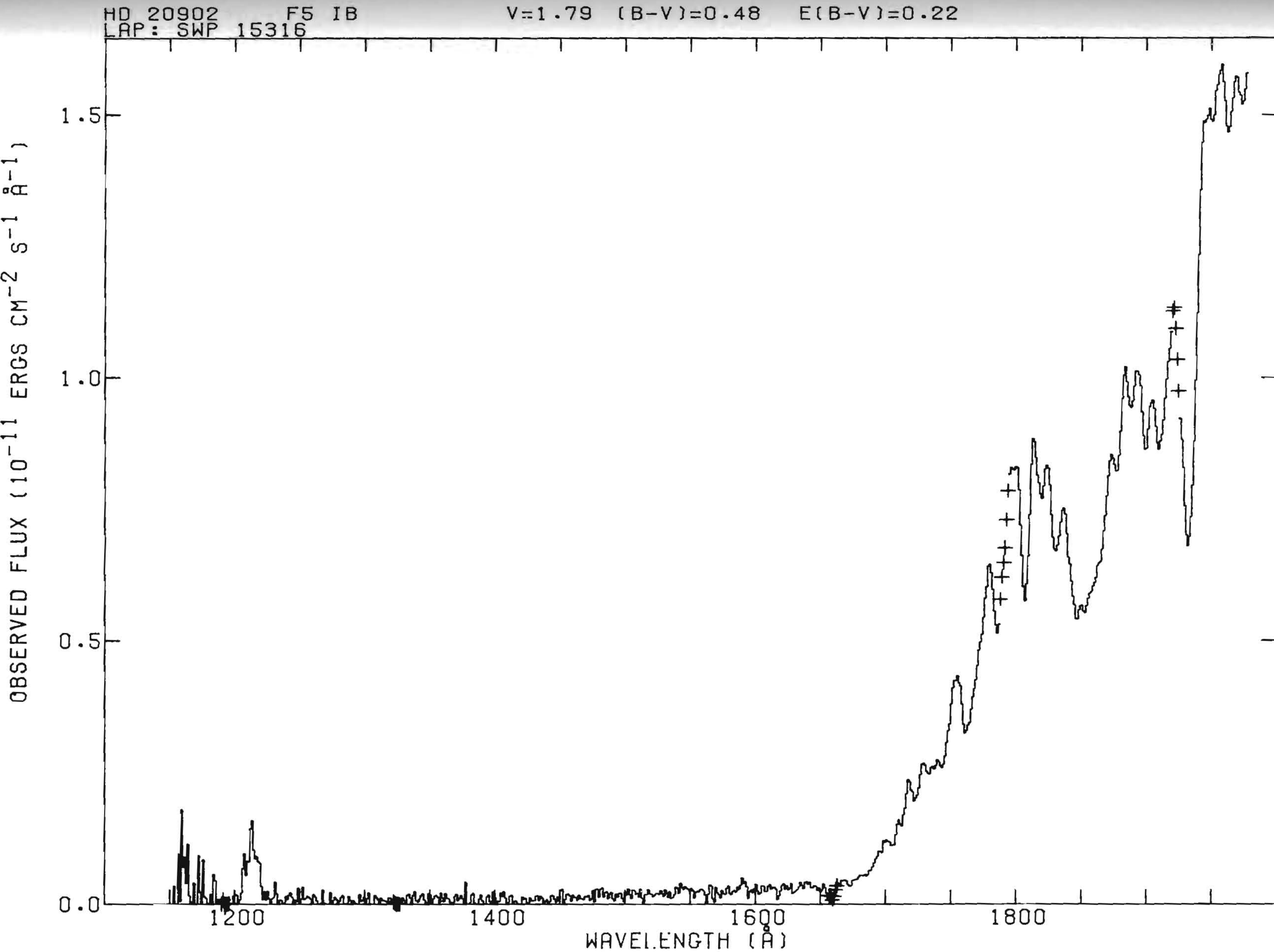

HD 27524 F5 V † V=6.80 (B-V)=0.44 E(B-V)=-0.01
LAP: LWR 12183, LWR 4119; SAP: LWR 4119
OBSERVED FLUX (10^-12 ERGS CM^-2 S^-1 Å^-1)
0.0
1.0
2.0
3.0
4.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)



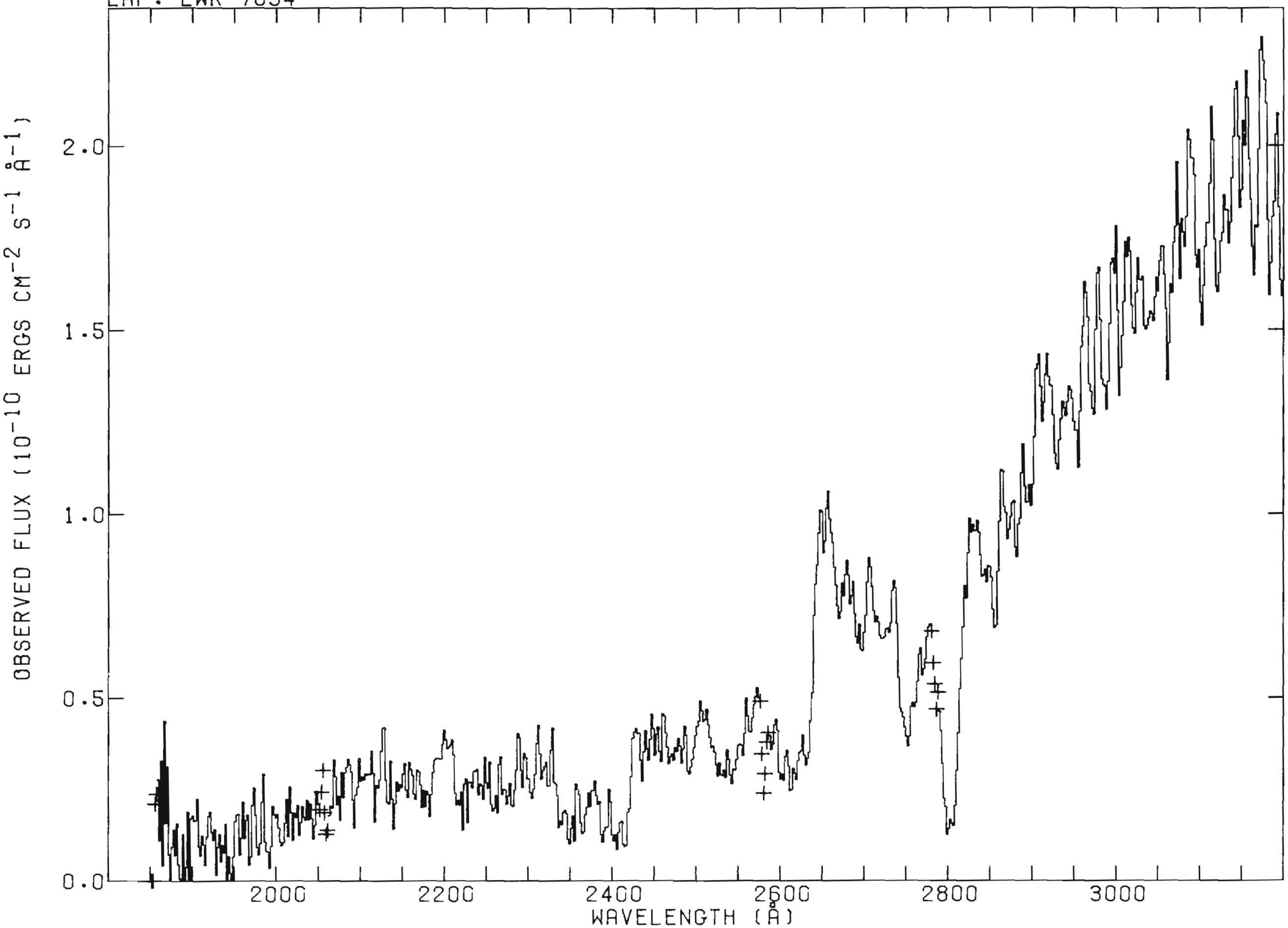
HD 61421 F5 IV-V V=0.38 (B-V)=0.42 E(B-V)=0.00
LAP: SWP 6662, SWP 6661, SWP 2826
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} Å^{-1})
0.0
1.0
2.0
3.0
4.0
1200
1400
1600
1800
WAVELENGTH (Å)



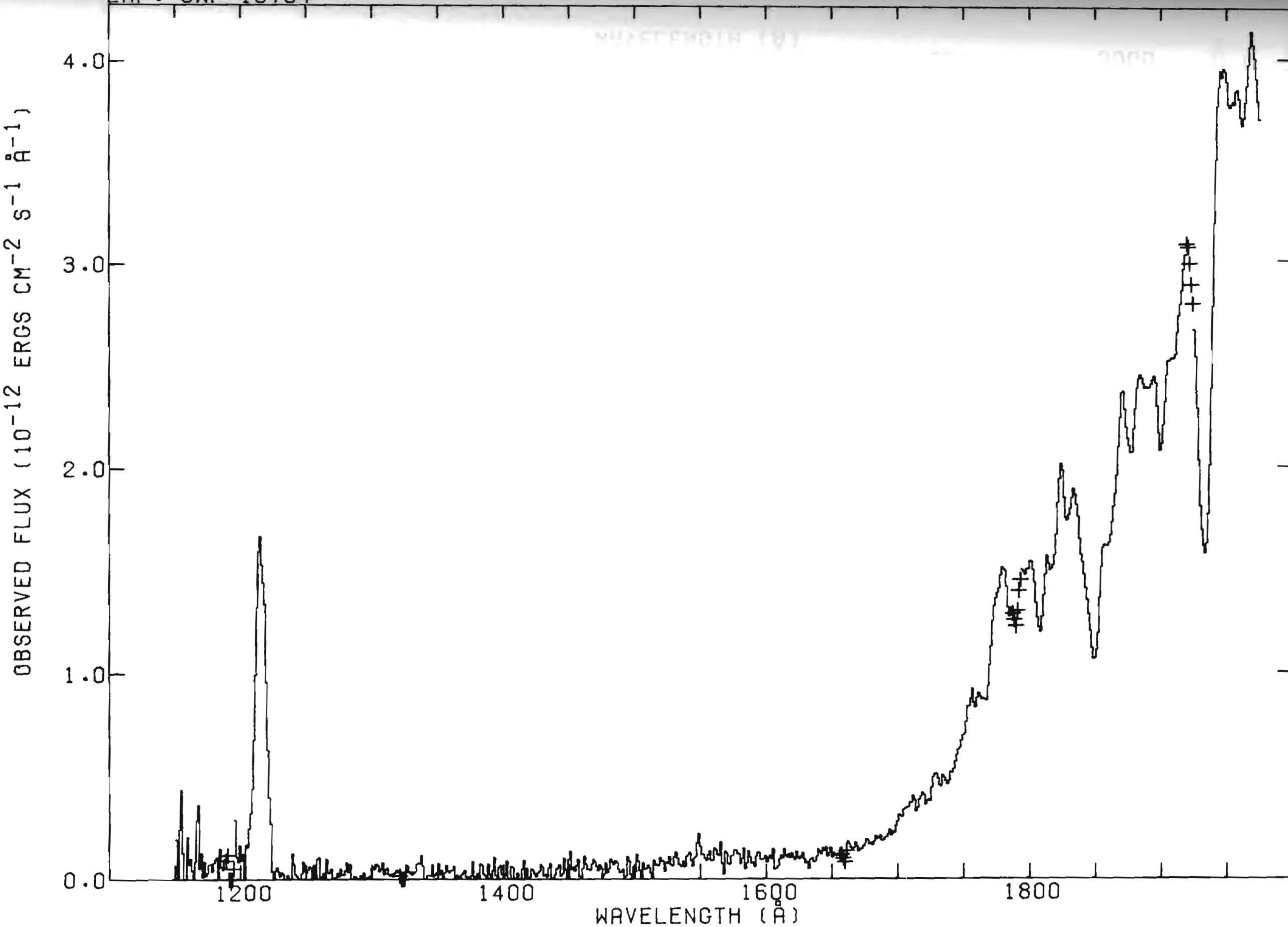
HD 61421 F5 IV-V V=0.38 (B-V)=0.42 E(B-V)=0.00
LAP: LWR 9108
OBSERVED FLUX (10^{-9} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

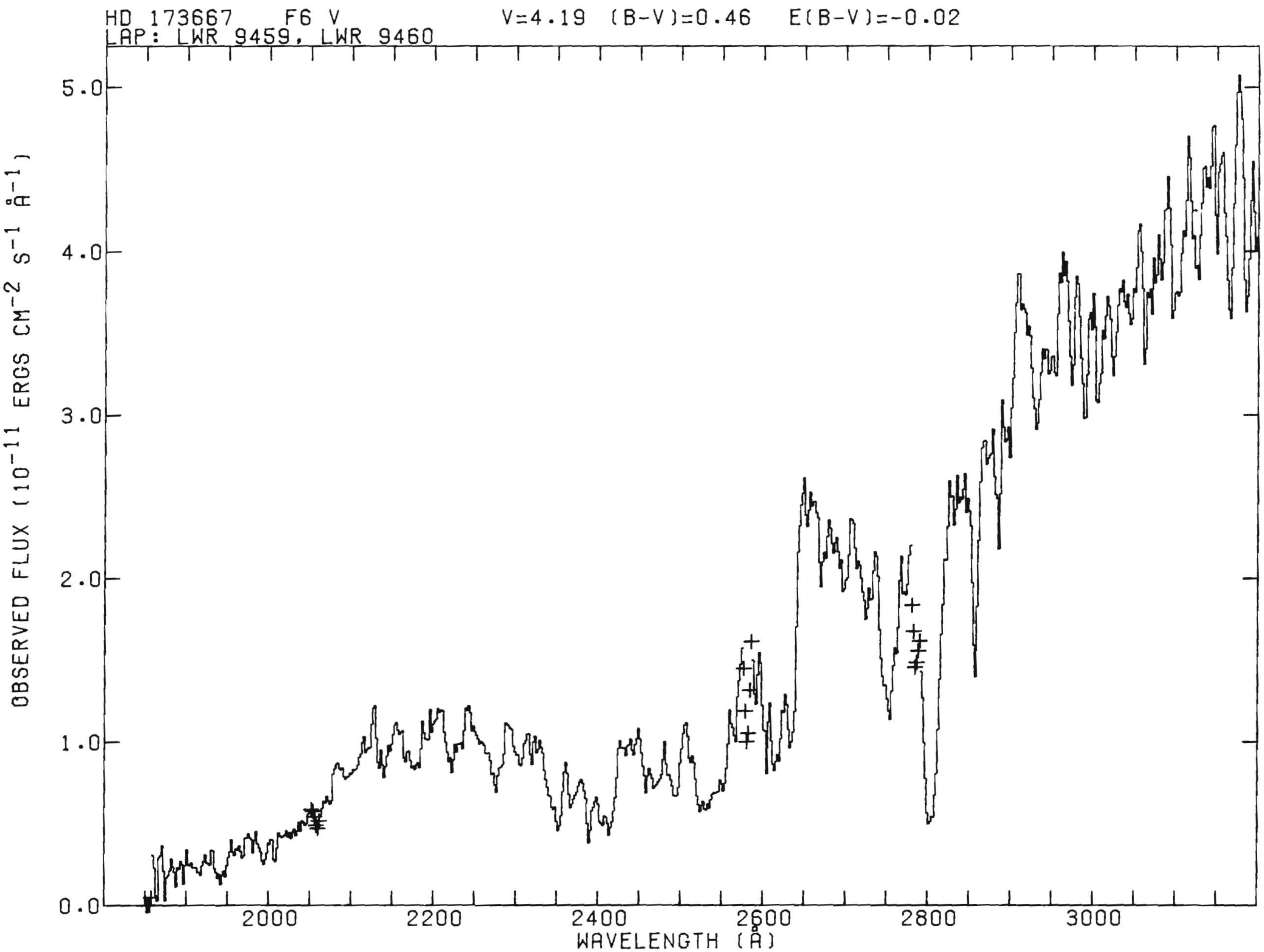

HD 20902 F5 IB V=1.79 (B-V)=0.48 E(B-V)=0.22
LAP: SWP 15316
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} Å^{-1})
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

HD 20902 F5 IB V=1.79 (B-V)=0.48 E(B-V)=0.22
LAP: LWR 7094

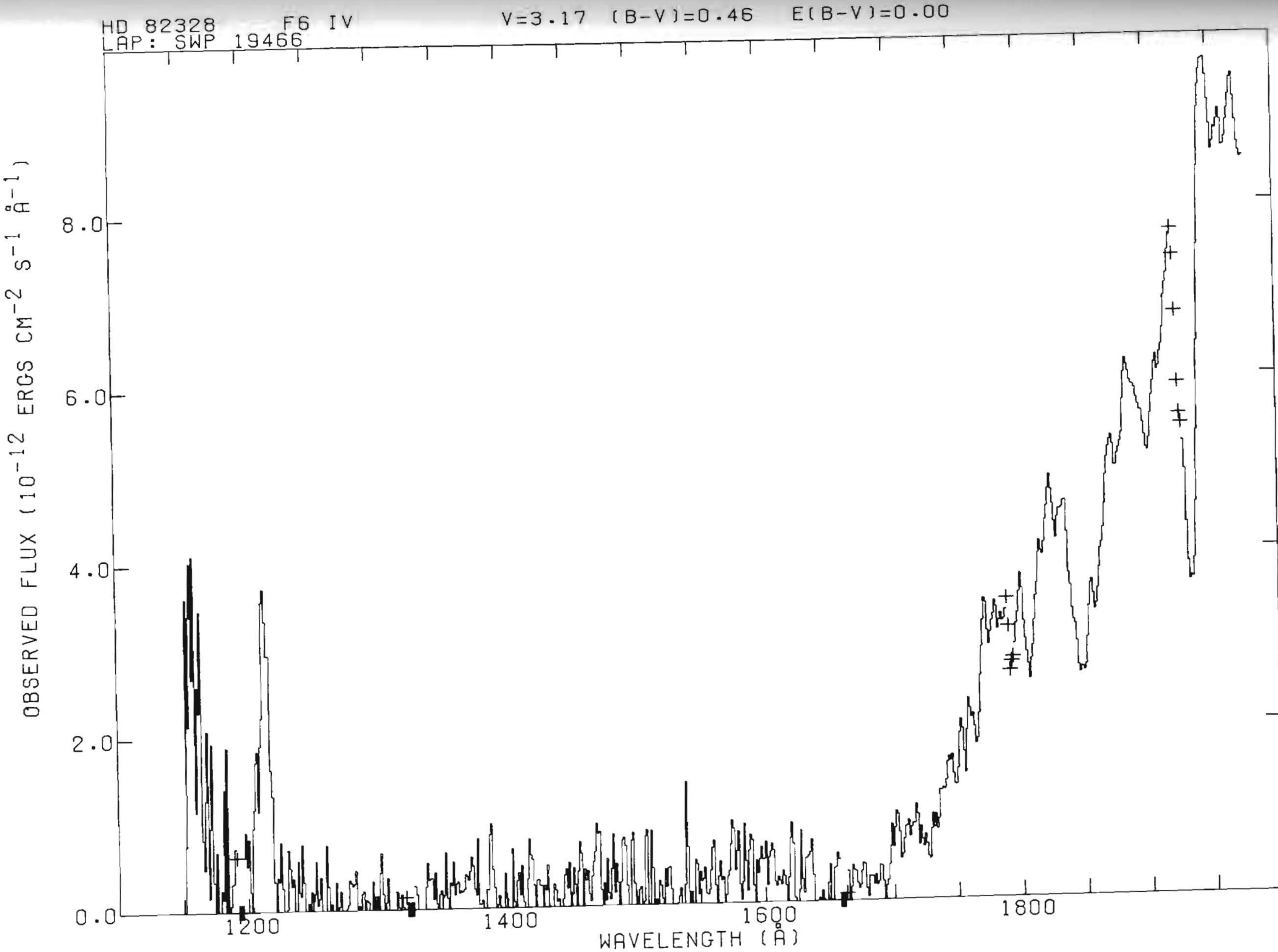


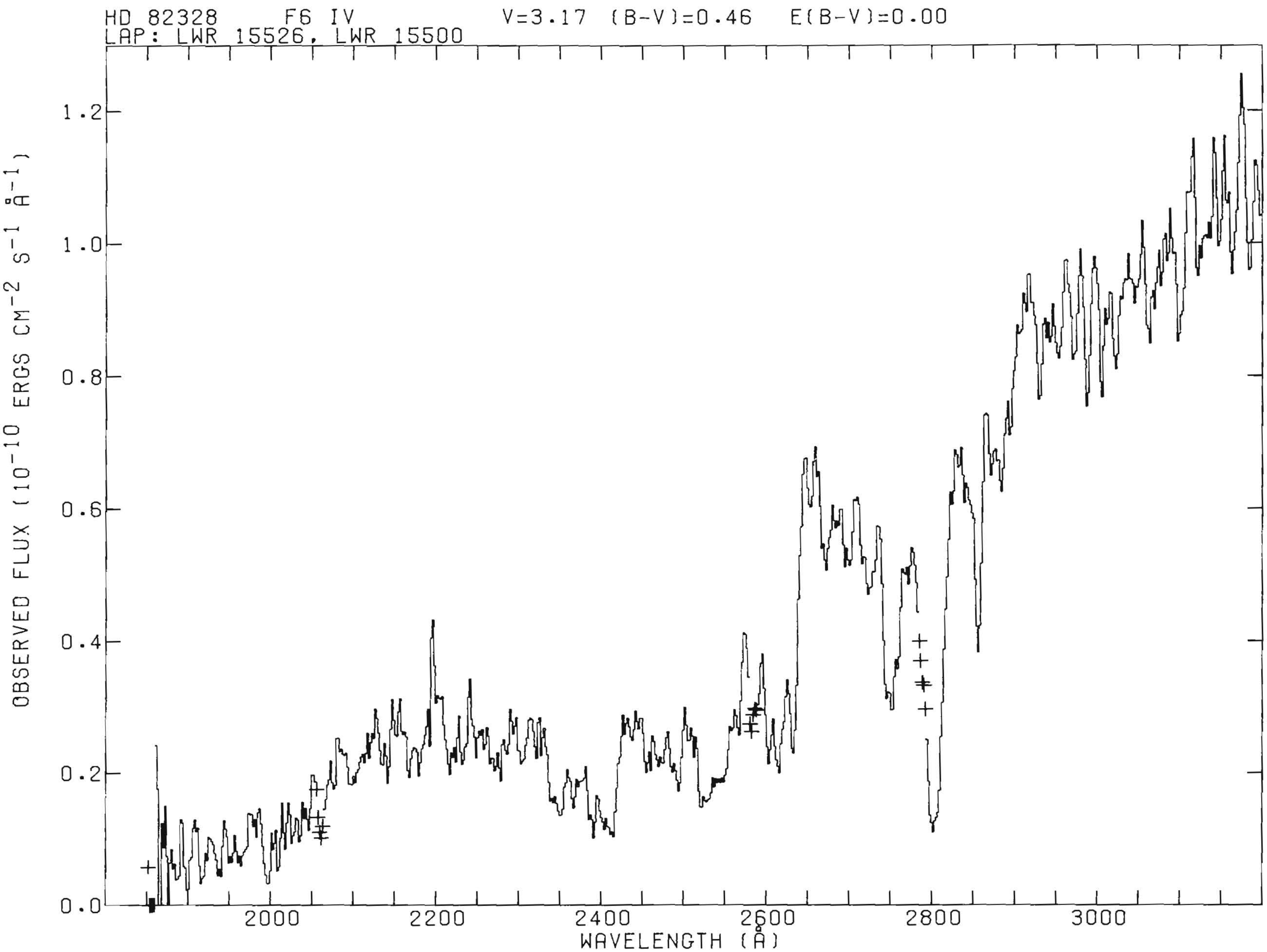
HD 173667 F6 V V=4.19 (B-V)=0.46 E(B-V)=-0.02
LAP: SWP 10784



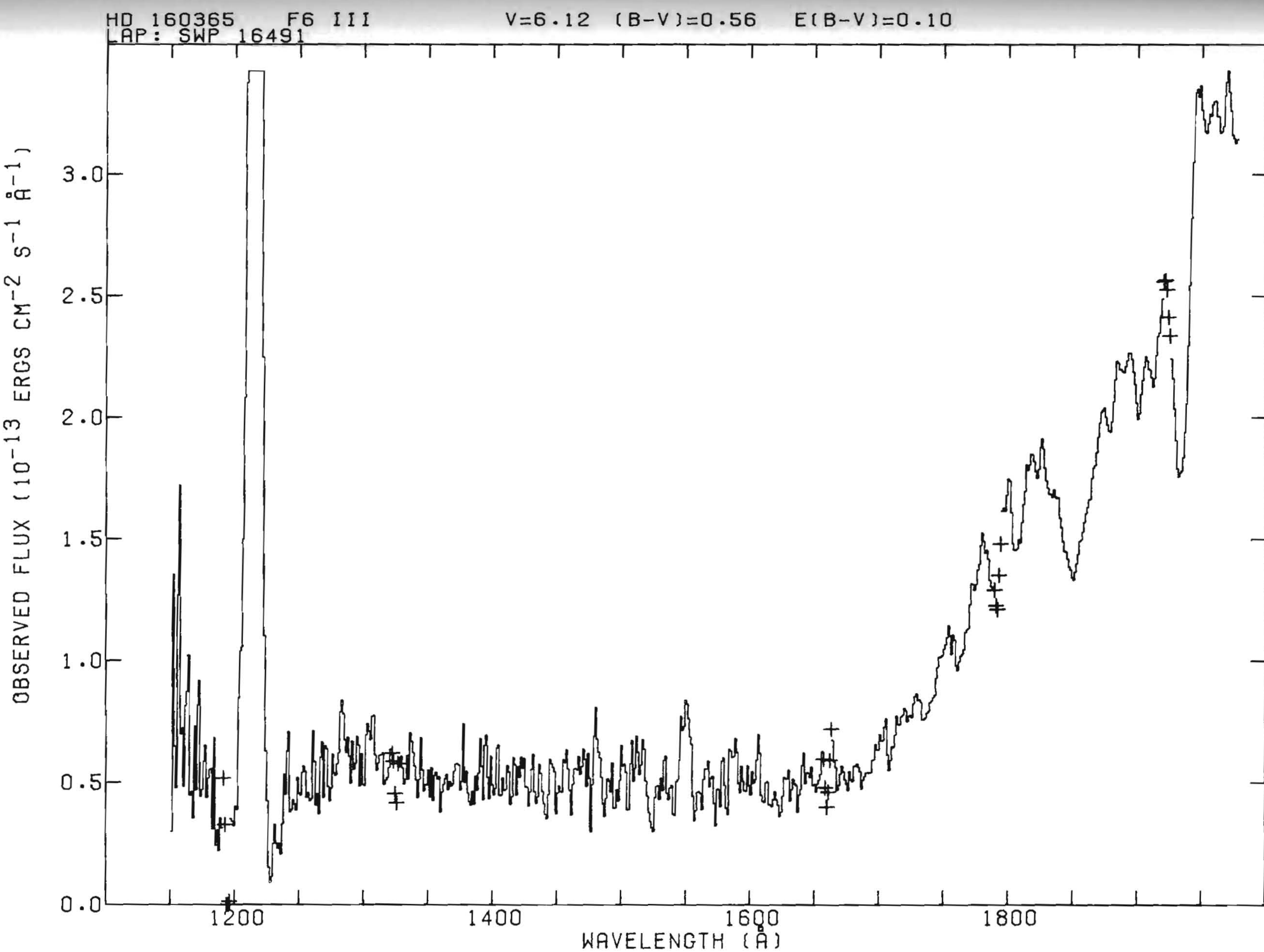


HD 173667 F6 V V=4.19 (B-V)=0.46 E(B-V)=-0.02
LAP: LWR 9459, LWR 9460
OBSERVED FLUX (10-11 ERGS CM-2 S-1 Å-1)
5.0
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

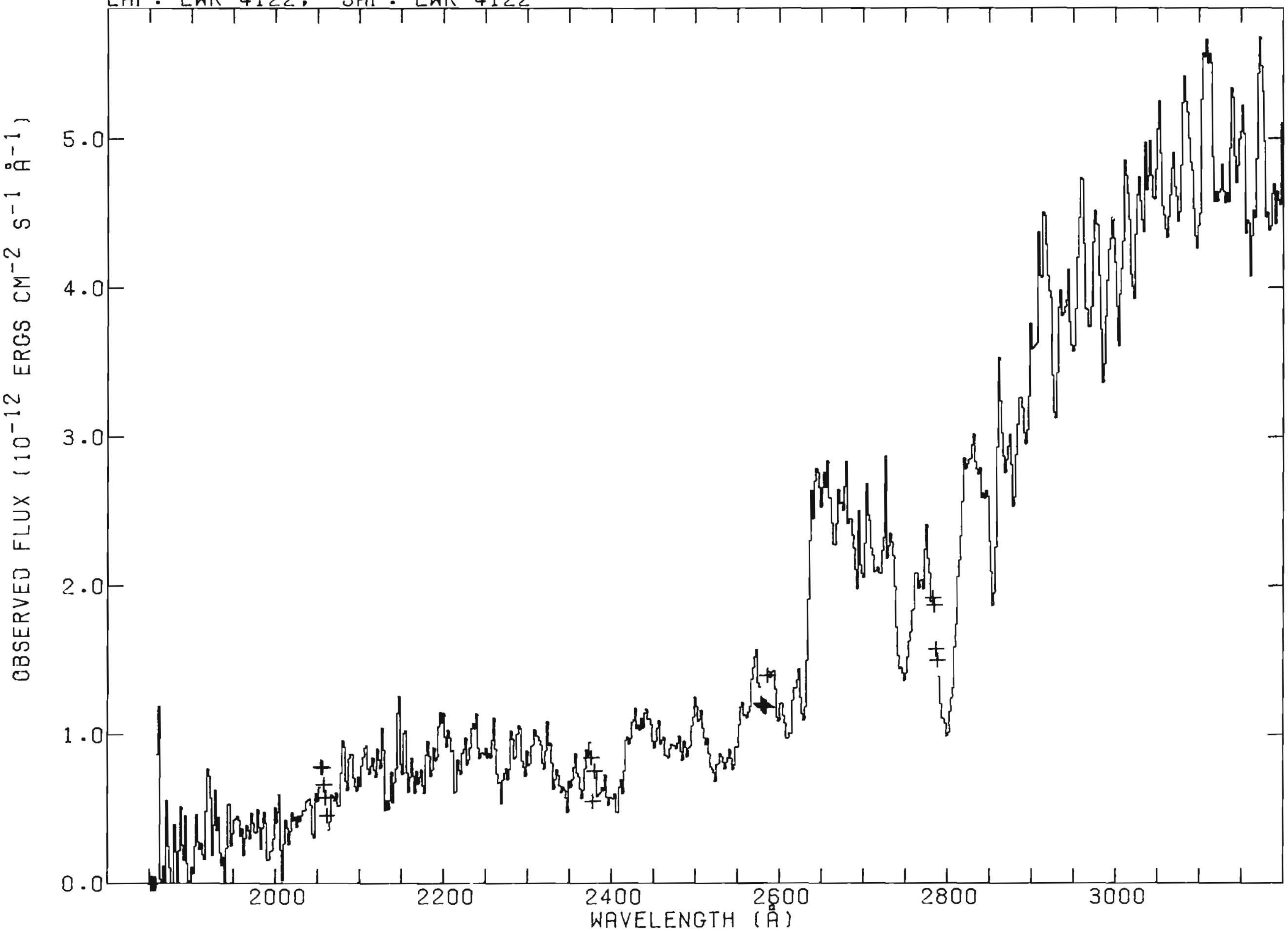

HD 82328 F6 IV
LAP: SWP 19466
V=3.17 (B-V)=0.46 E(B-V)=0.00
OBSERVED FLUX (10^-12 ERGS CM^-2 S^-1 Å^-1)
8.0
6.0
4.0
2.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

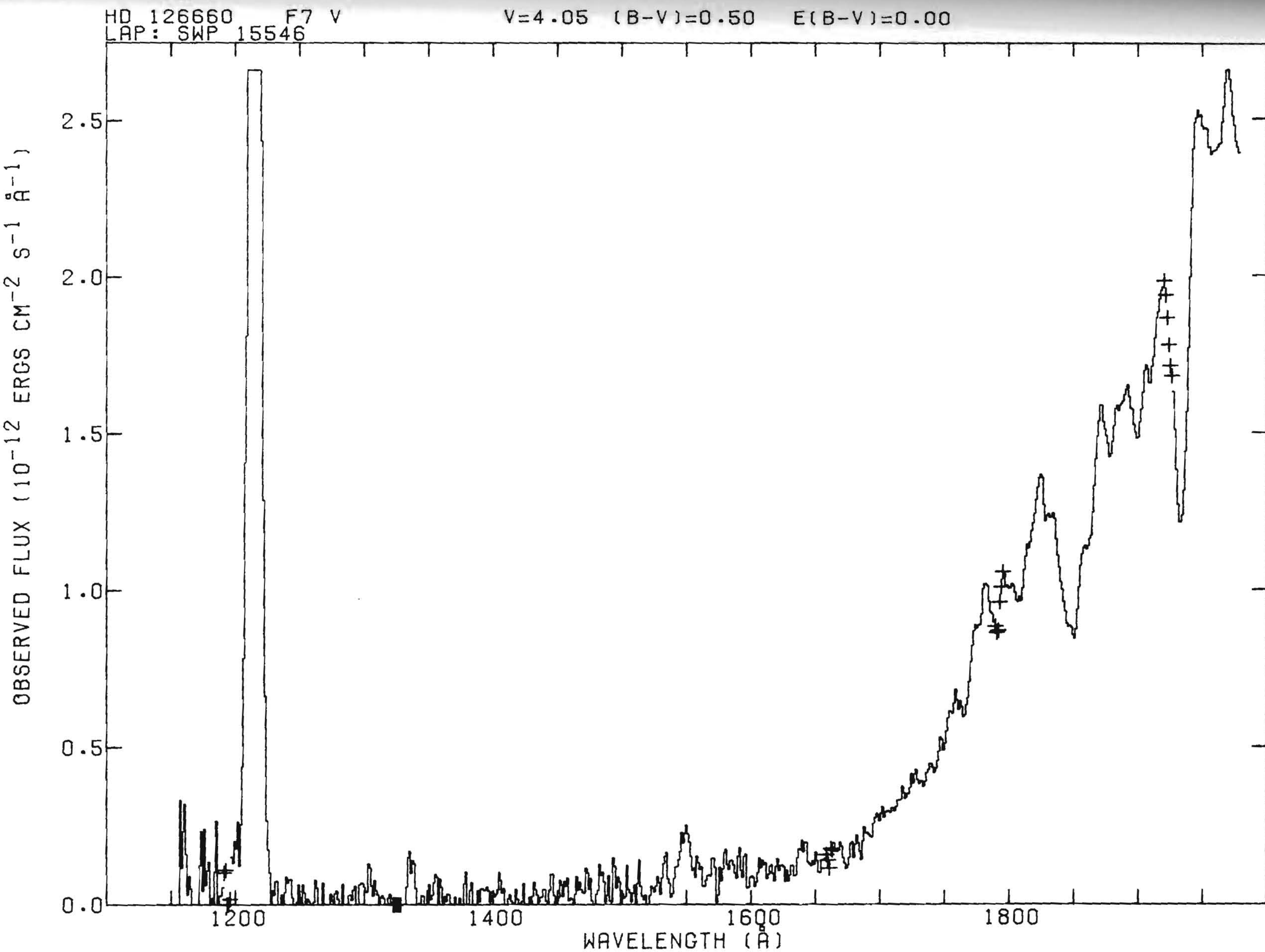


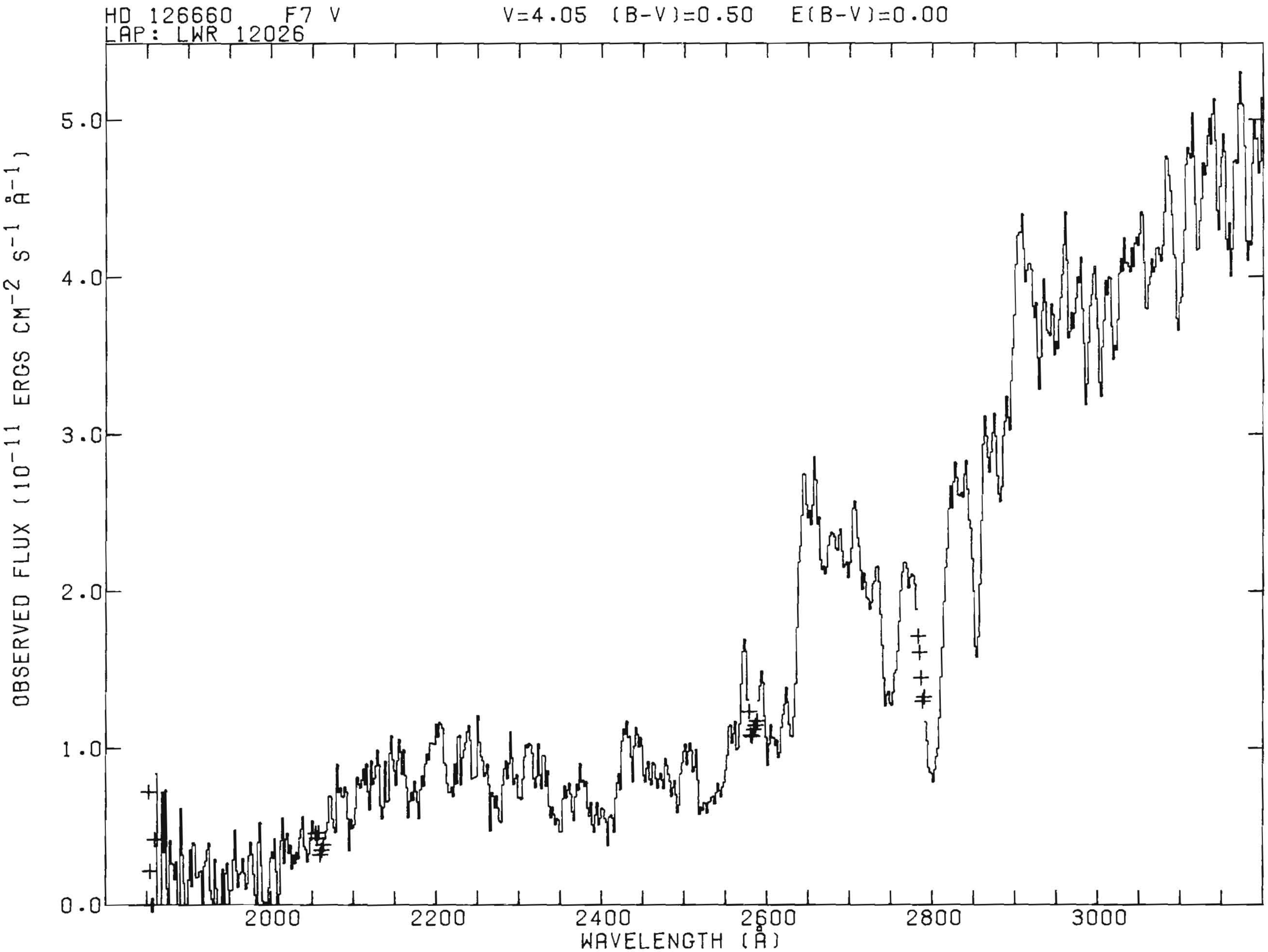
HD 82328 F6 IV V=3.17 (B-V)=0.46 E(B-V)=0.00
LAP: LWR 15526, LWR 15500
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 160365 F6 III V=6.12 (B-V)=0.56 E(B-V)=0.10
LAP: SWP 16491
OBSERVED FLUX (10^{-13} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
1200
1400
1600
1800
WAVELENGTH (Å)

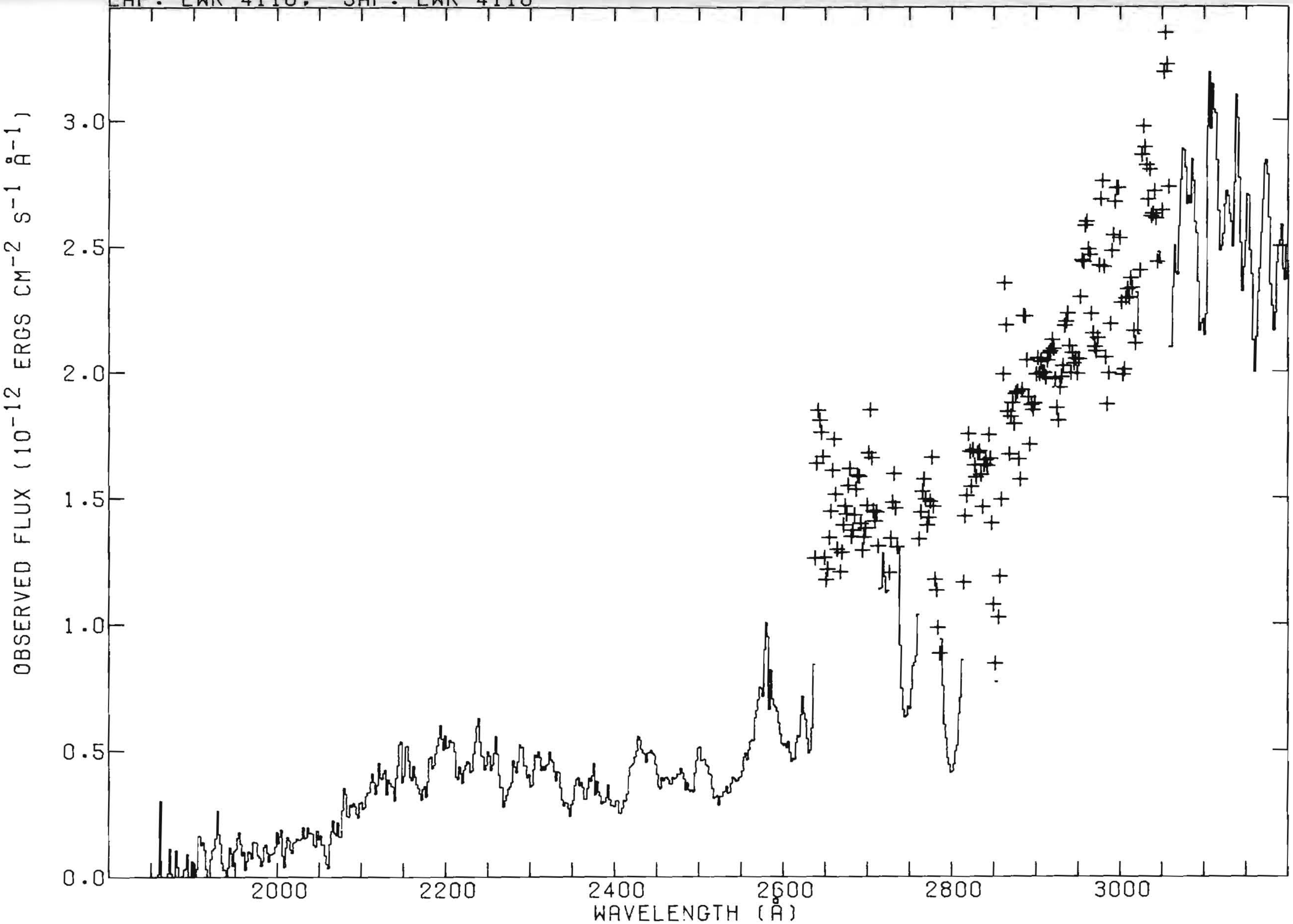
HD 160365 F6 III V=6.12 (B-V)=0.56 E(B-V)=0.10
LAP: LWR 4122; SAP: LWR 4122

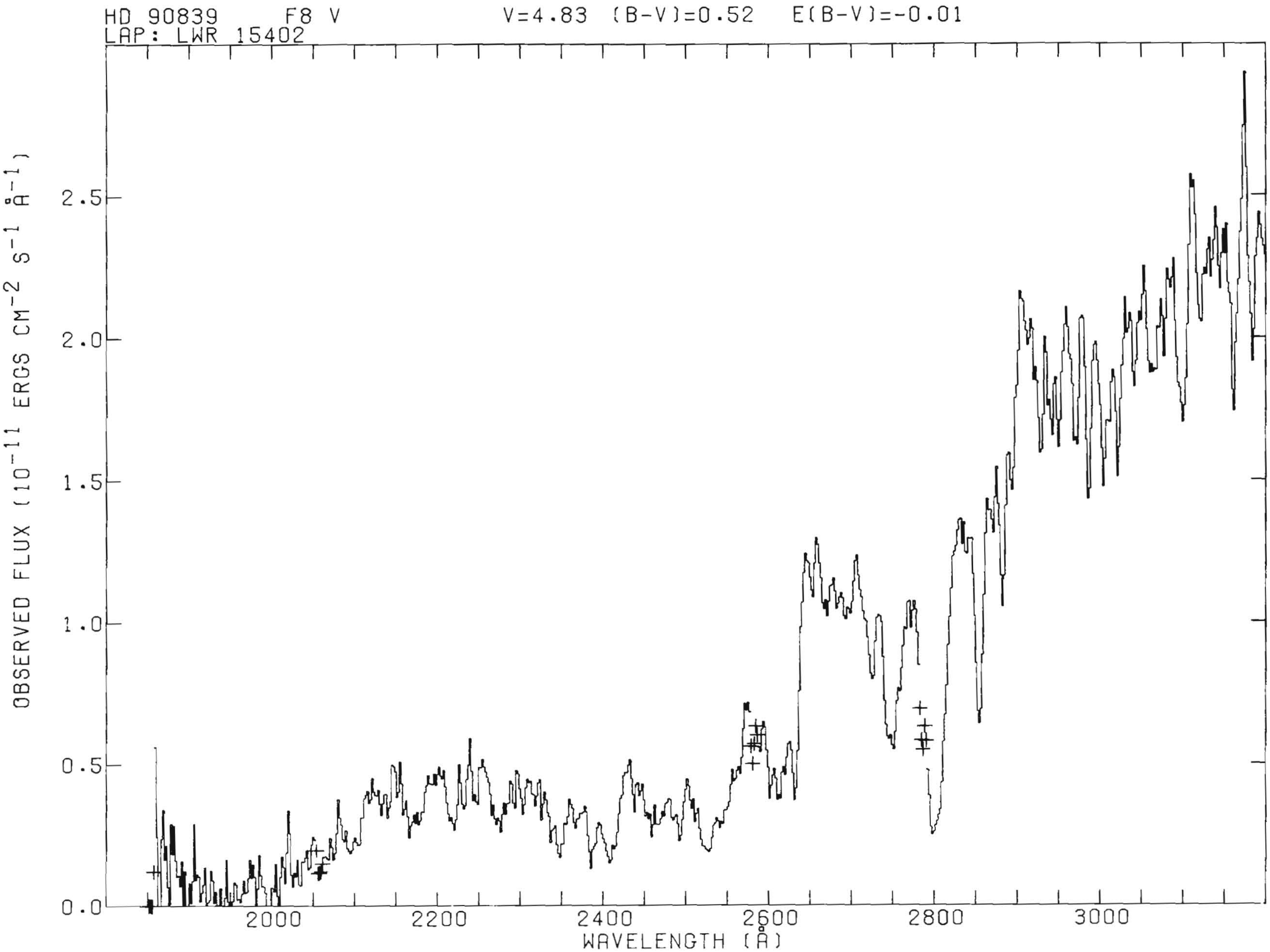



HD 126660 F7 V V=4.05 (B-V)=0.50 E(B-V)=0.00
LAP: SWP 15546
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
0.5
1.0
1.5
2.0
2.5
1200
1400
1600
1800

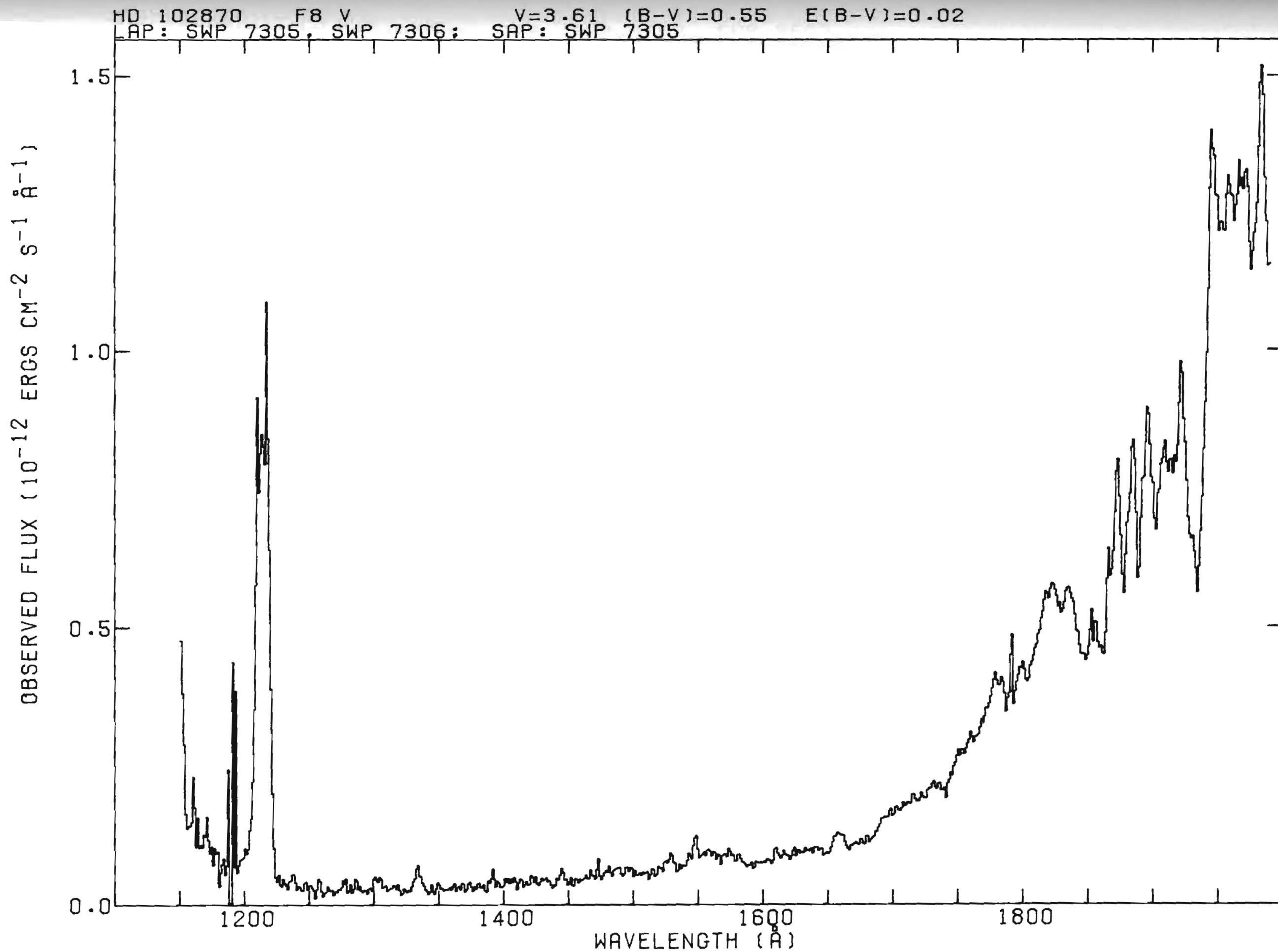

HD 126660 F7 V
V=4.05 (B-V)=0.50 E(B-V)=0.00
LAP: LWR 12026
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
1.0
2.0
3.0
4.0
5.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

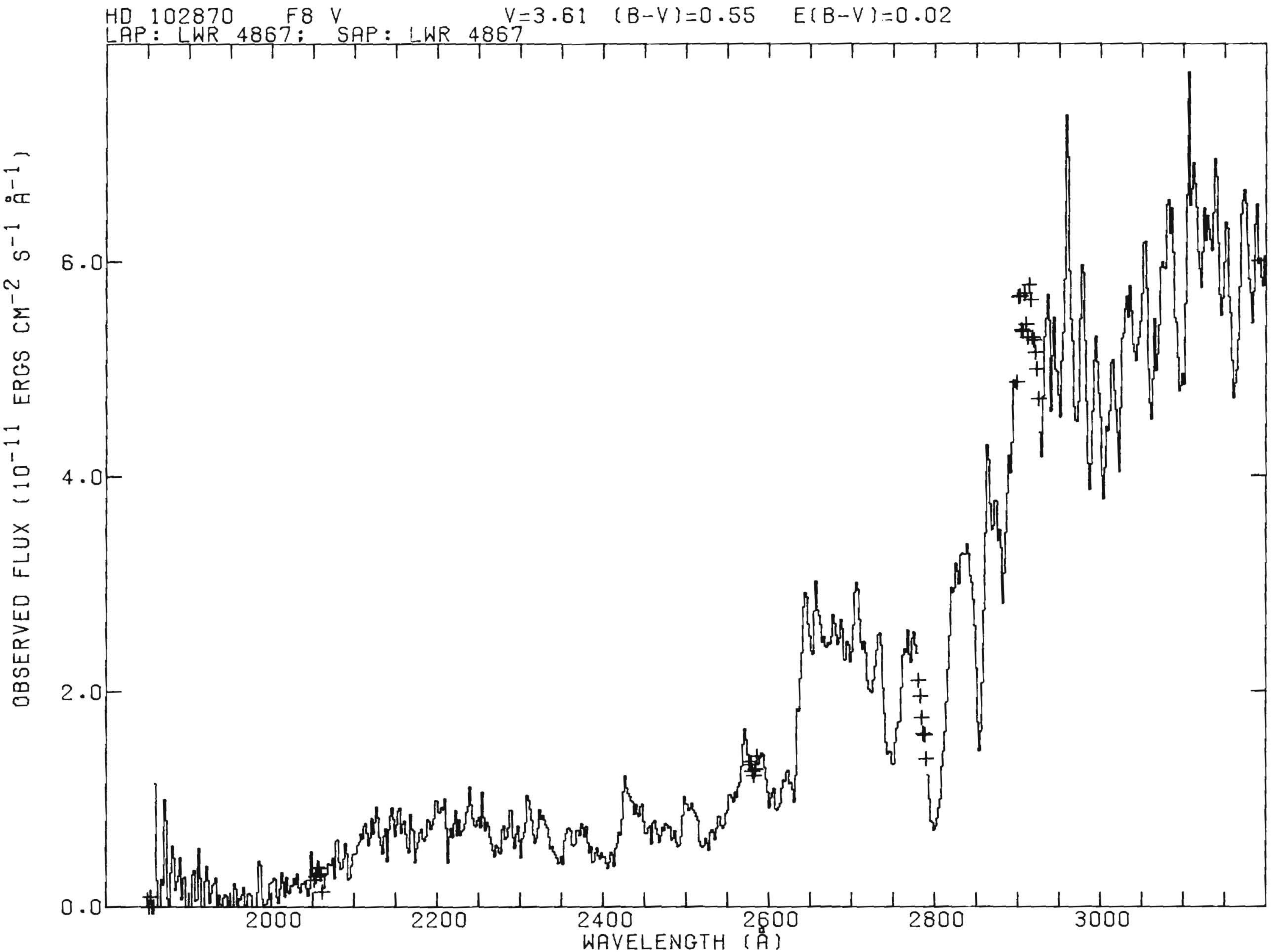
HD 27808 F8 V + V=7.14 (B-V)=0.52 E(B-V)=-0.01
LAP: LWR 4118; SAP: LWR 4118

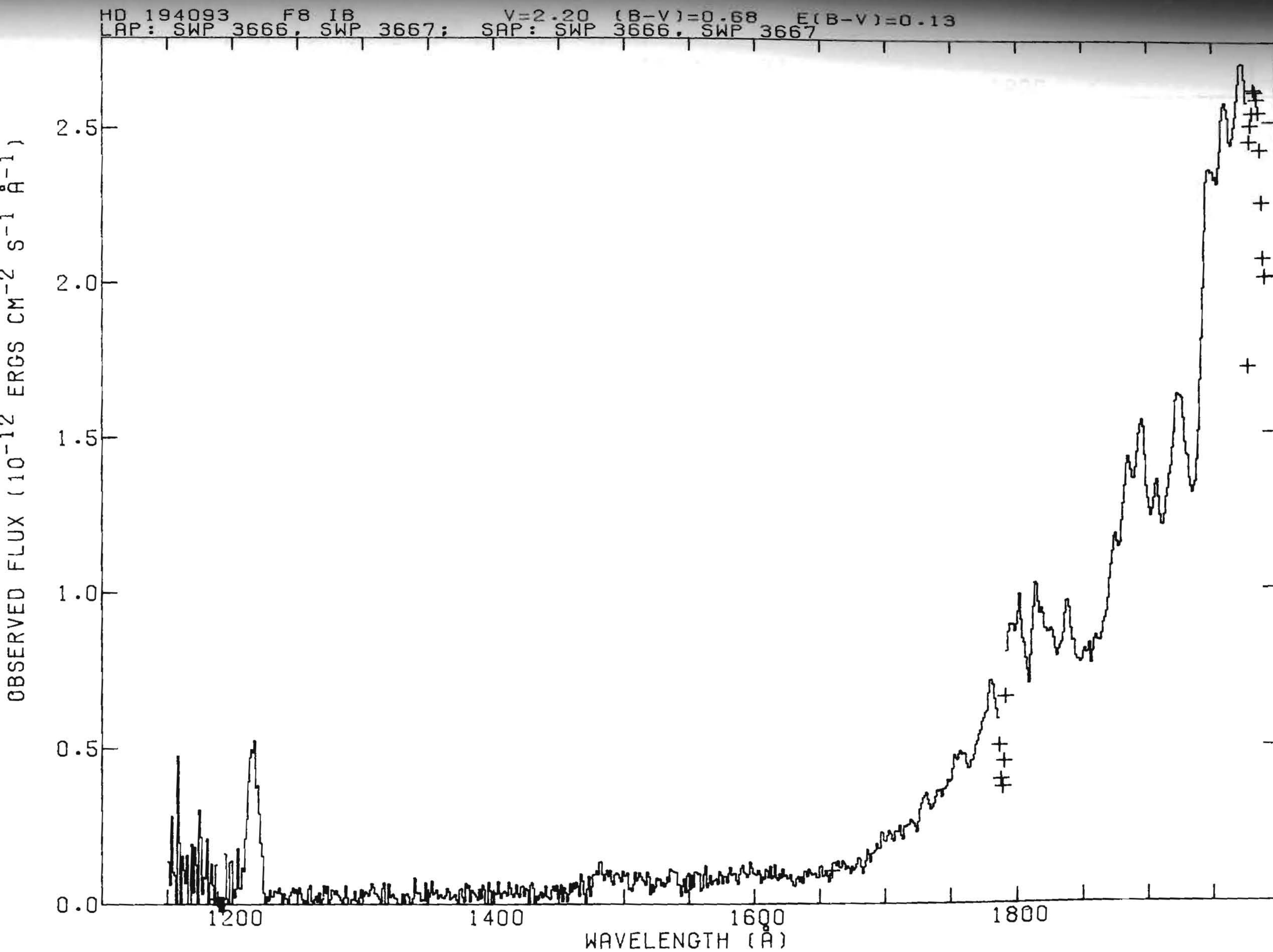


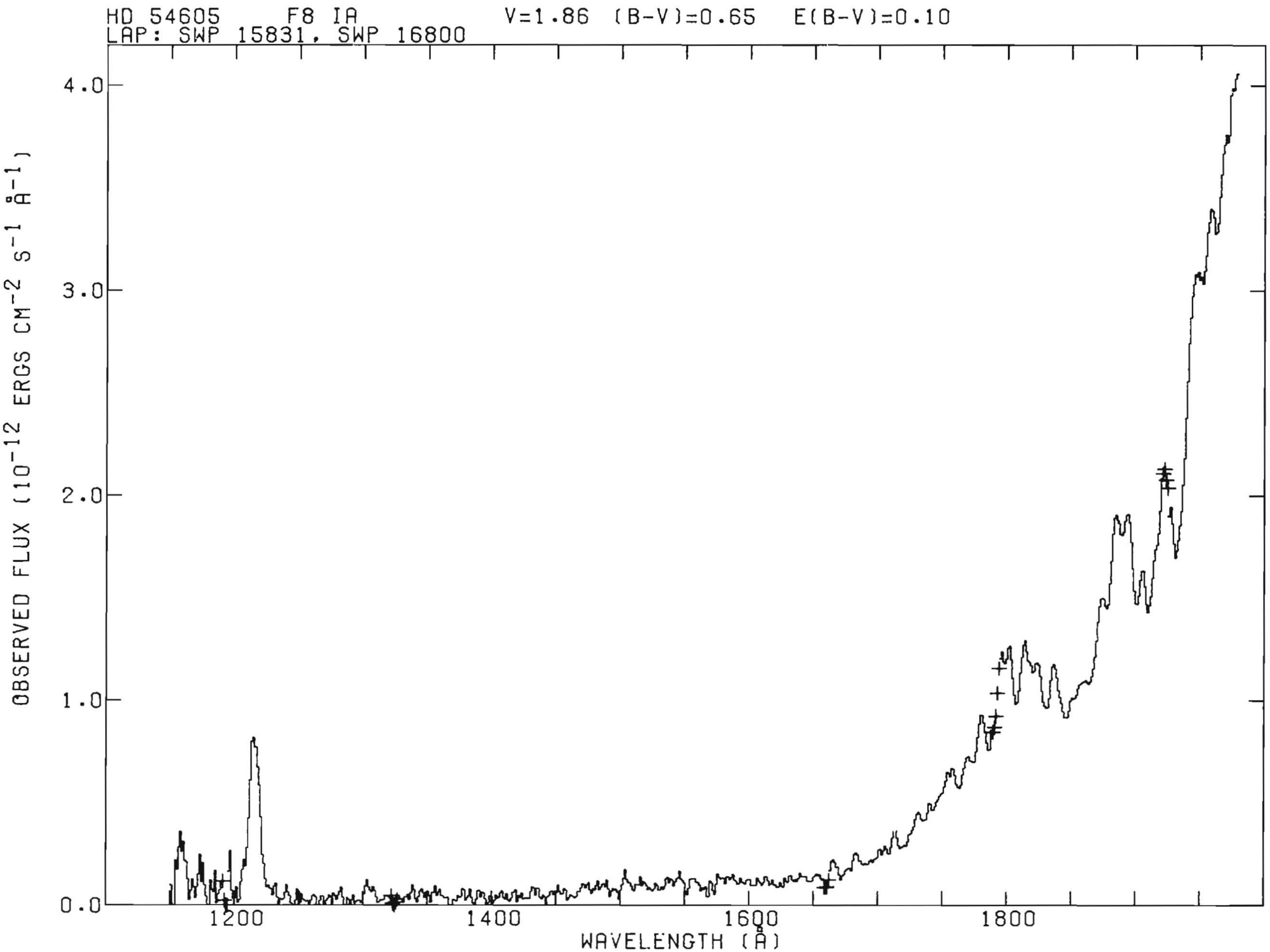


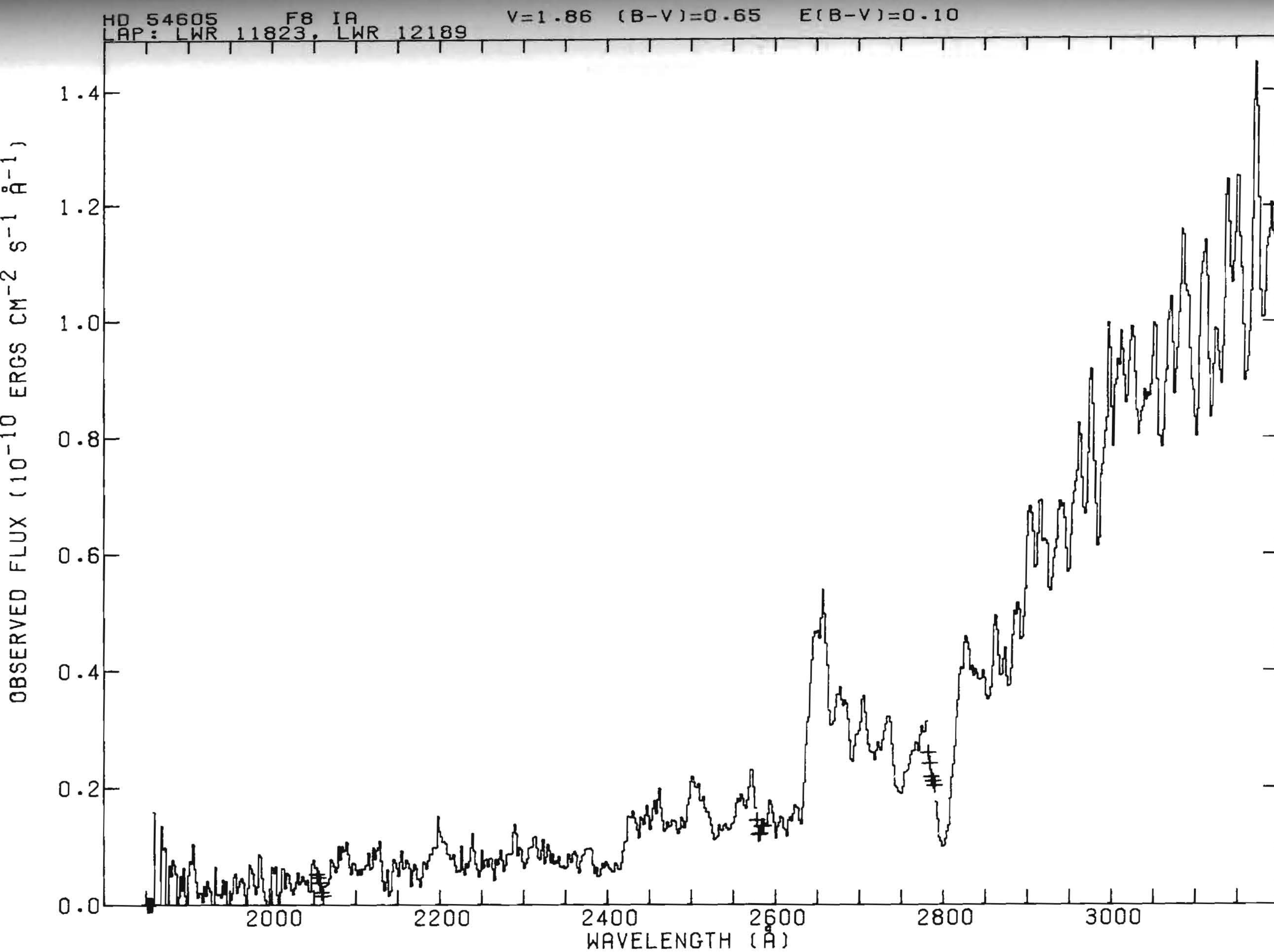
HD 90839 F8 V V=4.83 (B-V)=0.52 E(B-V)=-0.01
LAP: LWR 15402
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
2.0
2.5
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 102870 F8 V V=3.61 (B-V)=0.55 E(B-V)=0.02
LAP: SWP 7305, SWP 7306; SAP: SWP 7305
OBSERVED FLUX (10^-12 ERGS CM^-2 S^-1 Å^-1)
0.0
0.5
1.0
1.5
1200
1400
1600
1800
WAVELENGTH (Å)

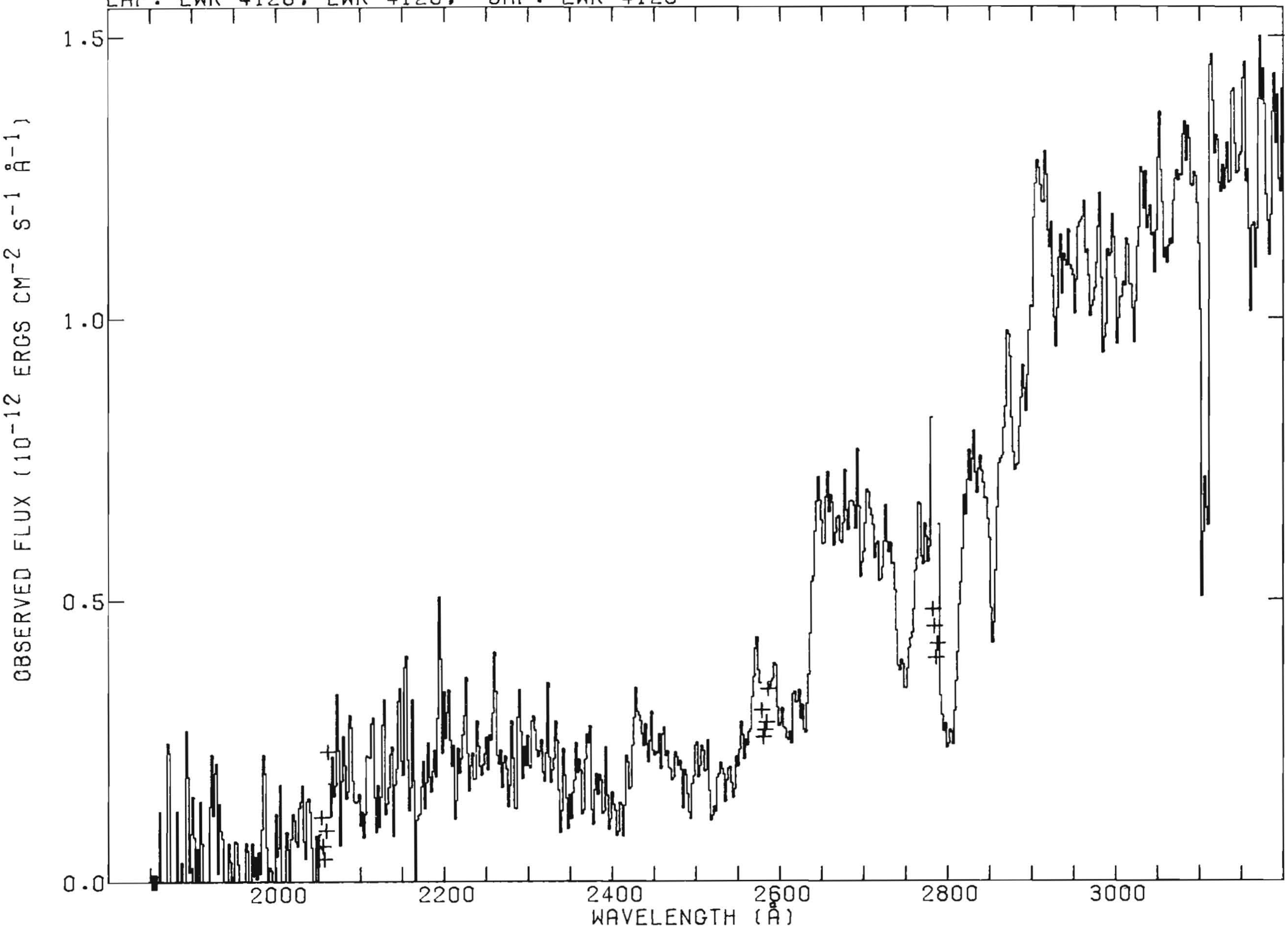

HD 102870 F8 V V=3.61 (B-V)=0.55 E(B-V)=0.02
LAP: LWR 4867; SAP: LWR 4867
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
2.0
4.0
6.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

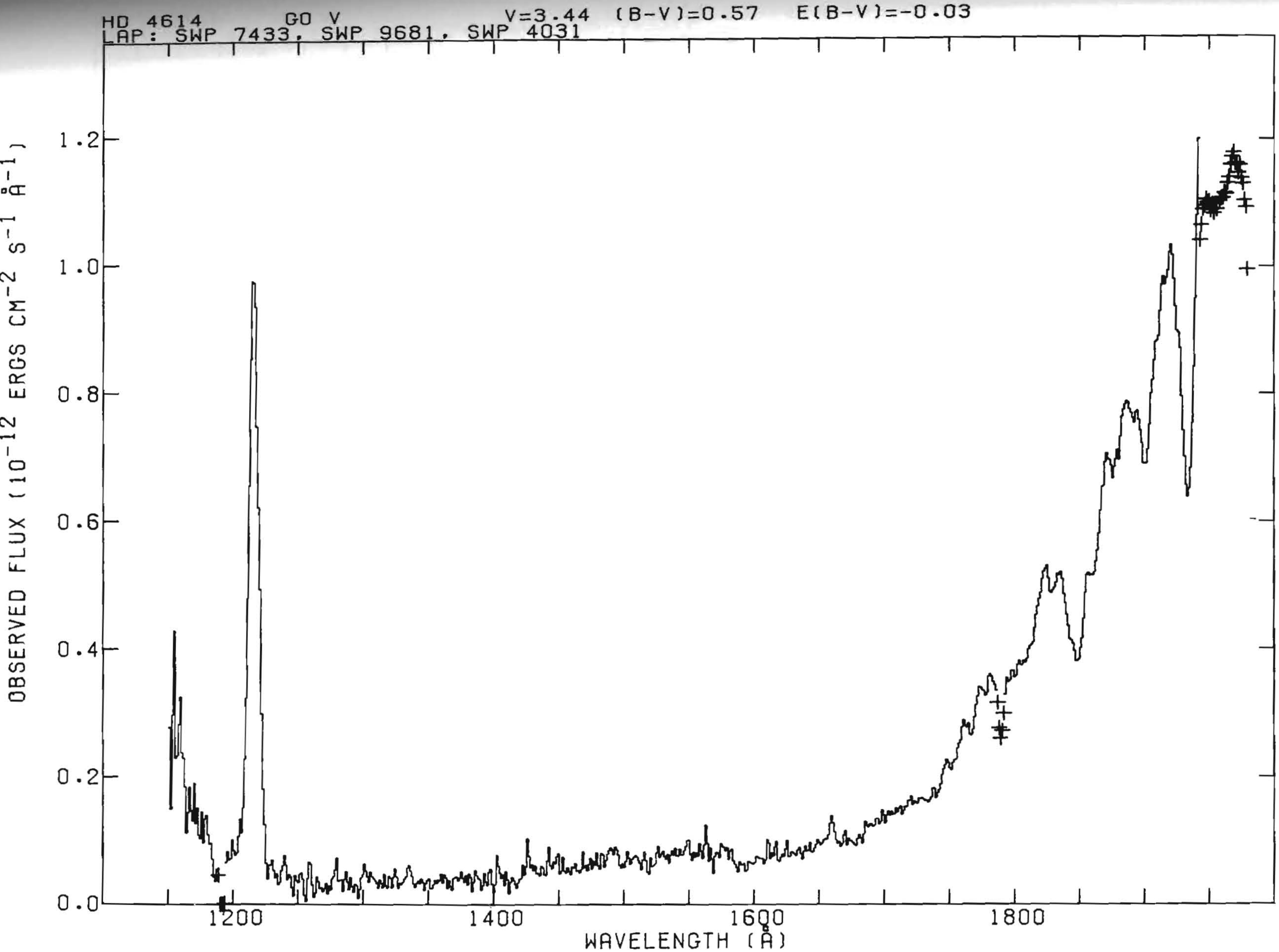

HD 194093 F8 IB V=2.20 (B-V)=0.68 E(B-V)=0.13
LAP: SWP 3666, SWP 3667; SAP: SWP 3666, SWP 3667
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
2.0
2.5
1200
1400
1600
1800
WAVELENGTH (Å)


HD 54605 F8 IA V=1.86 (B-V)=0.65 E(B-V)=0.10
LAP: SWP 15831, SWP 16800
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

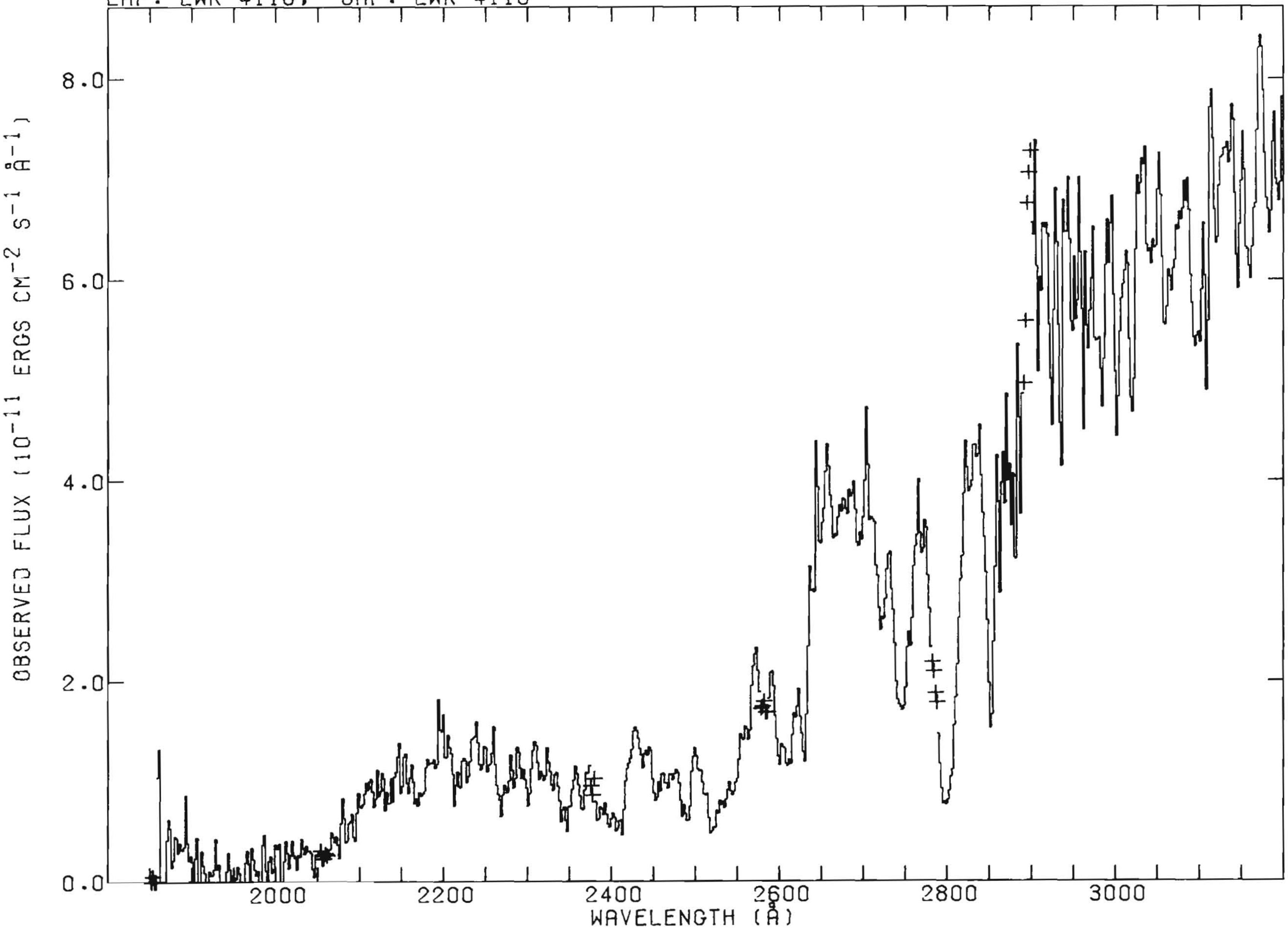

HD 54605 F8 IA V=1.86 (B-V)=0.65 E(B-V)=0.10
LAP: LWR 11823, LWR 12189
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

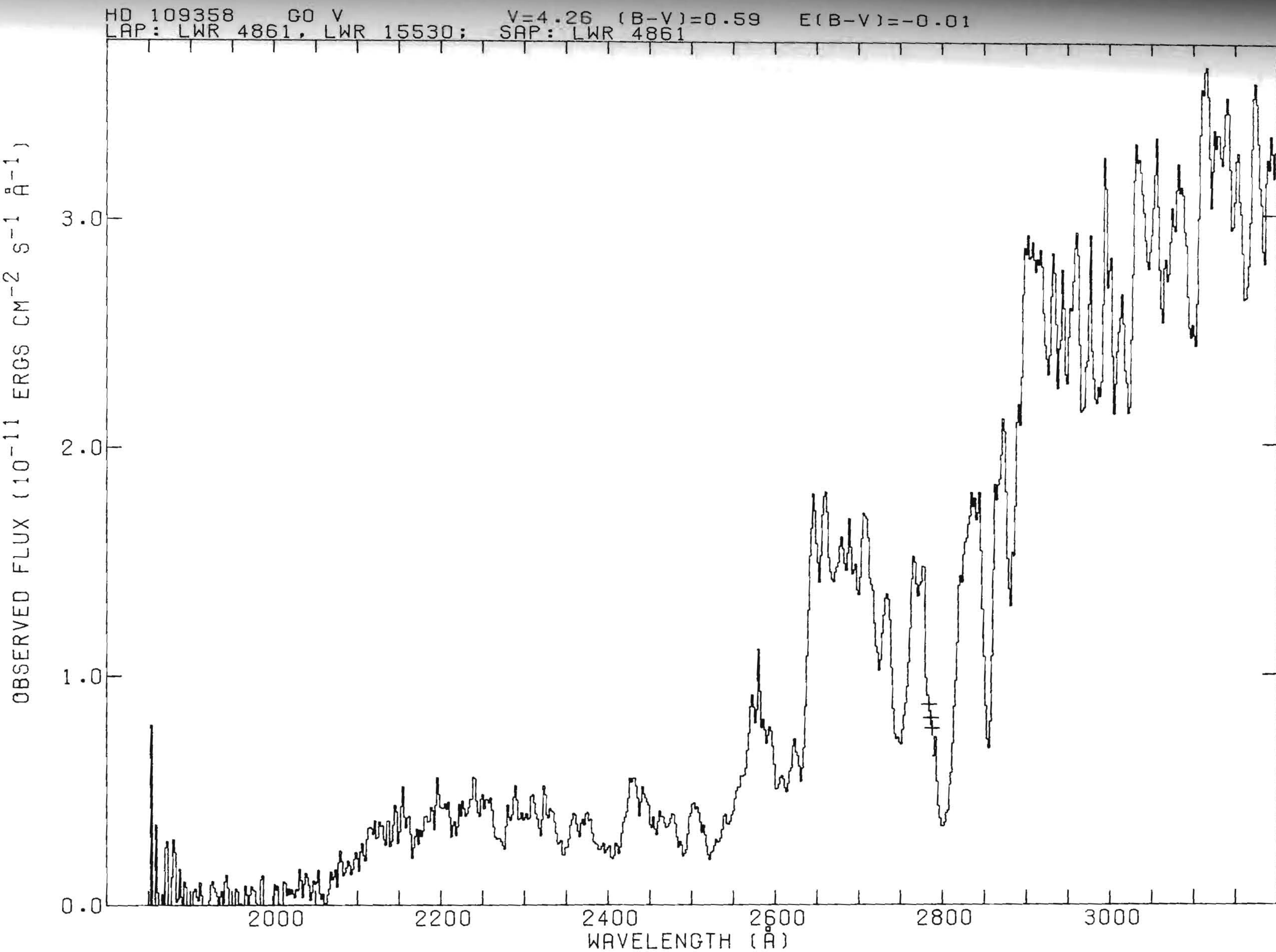
HD 27383 F9 V V=6.88 (B-V)=0.56 E(B-V)=0.00
LAP: LWR 4128, LWR 4126; SAP: LWR 4126

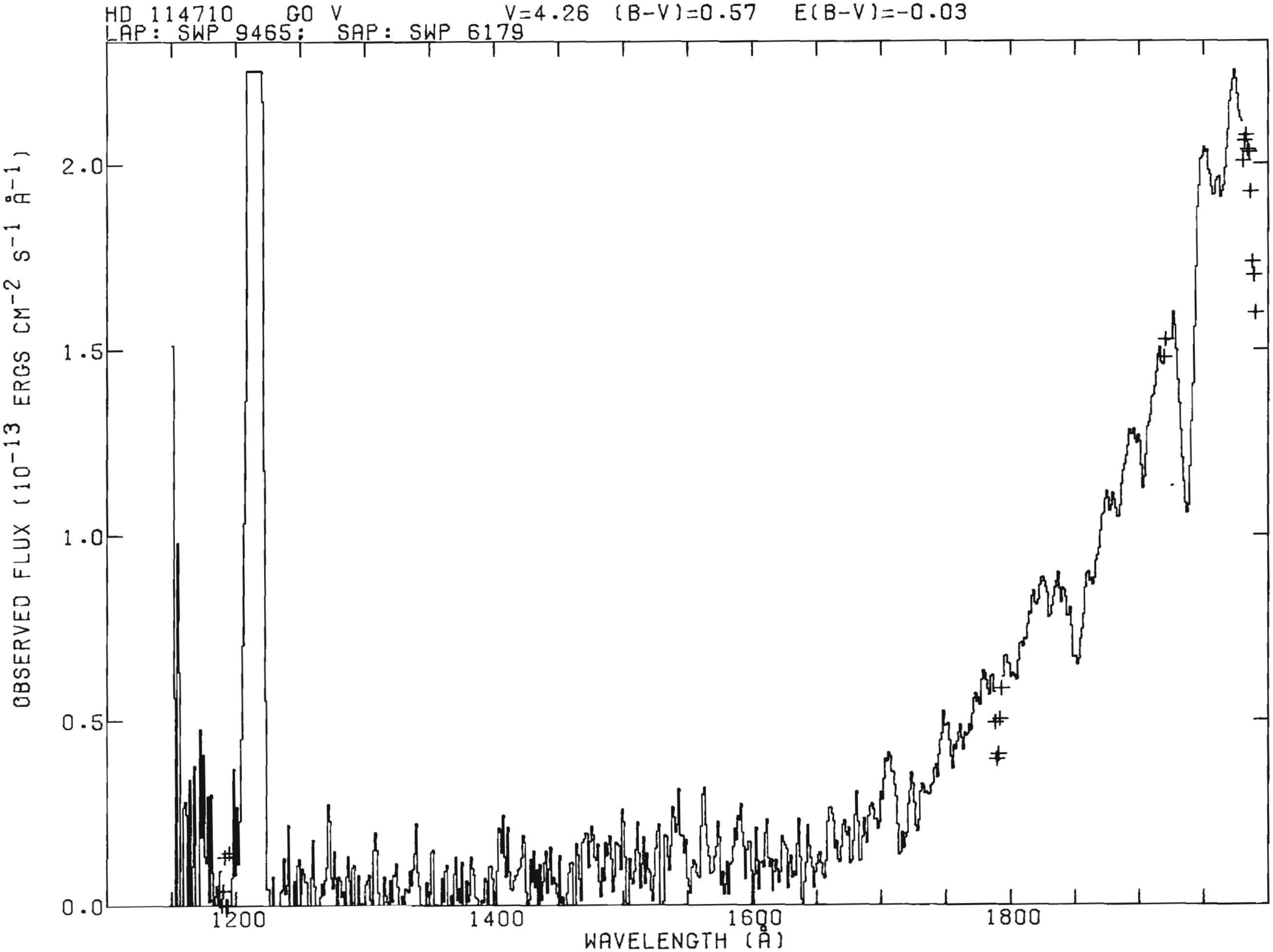



HD 4614 G0 V V=3.44 (B-V)=0.57 E(B-V)=-0.03
LAP: SWP 7433, SWP 9681, SWP 4031
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} Å^{-1})
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1200
1400
1600
1800
WAVELENGTH (Å)

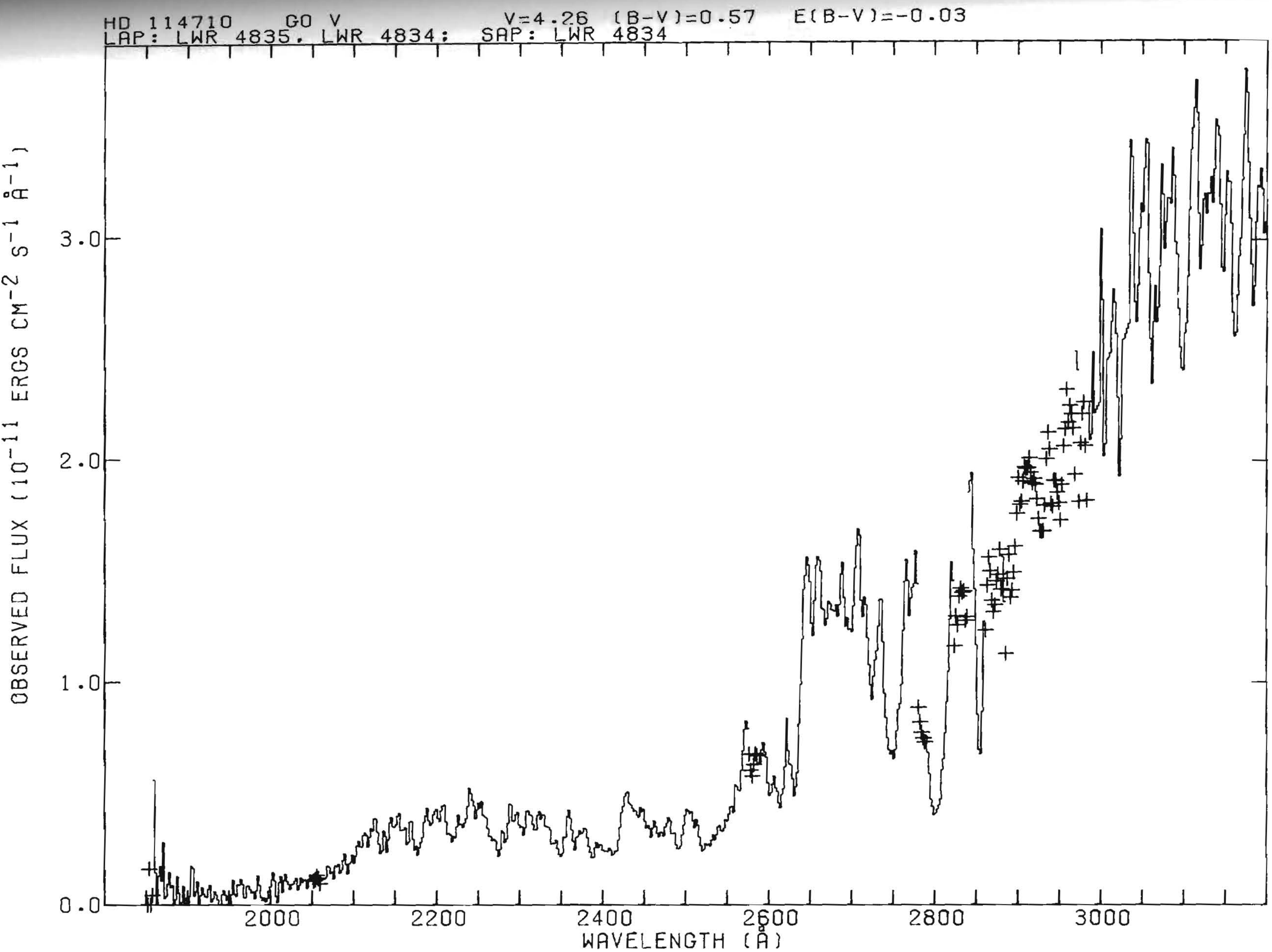
HD 4614 G0 V V=3.44 (B-V)=0.57 E(B-V)=-0.03
LAP: LWR 4116; SAP: LWR 4116

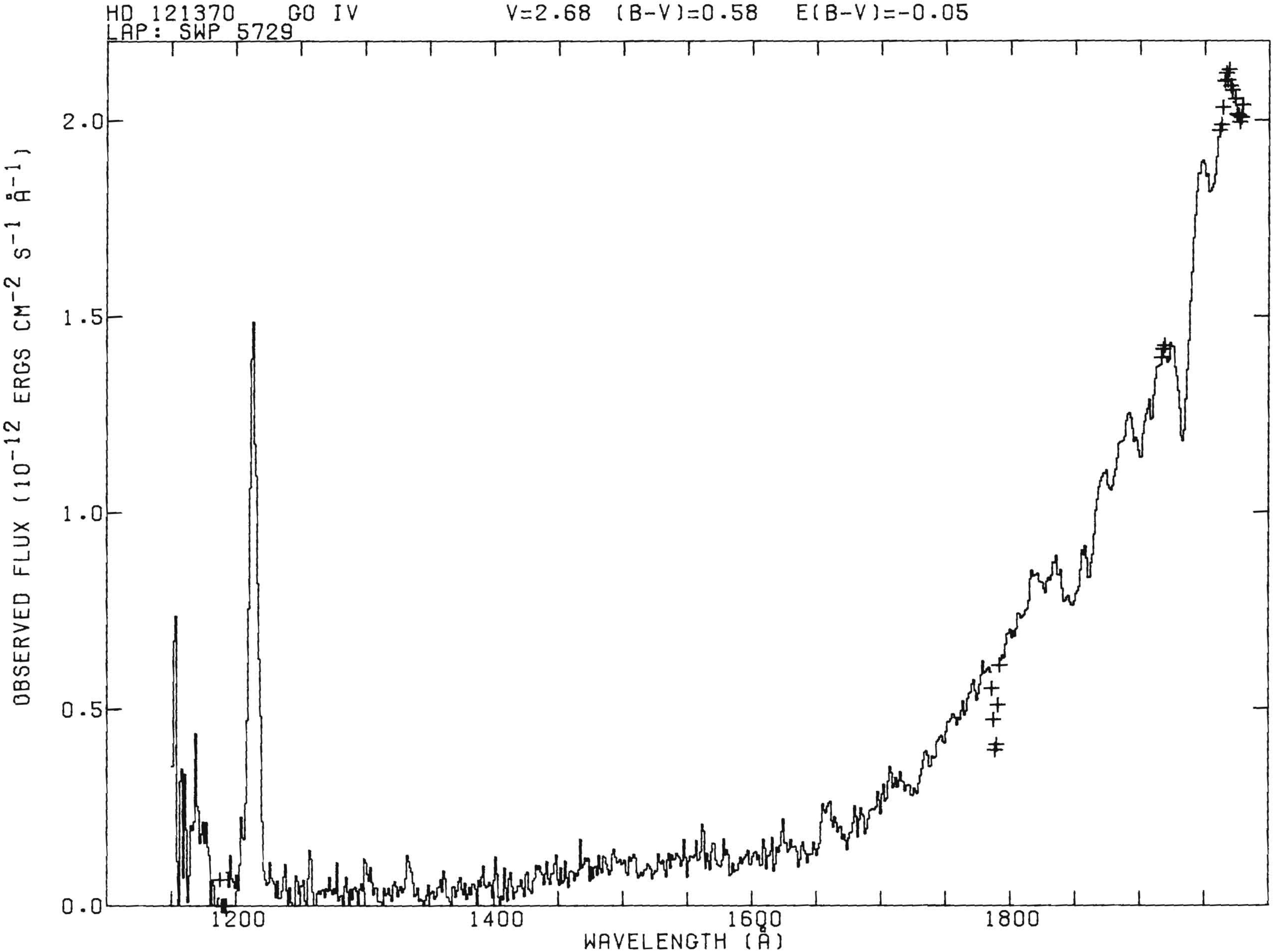


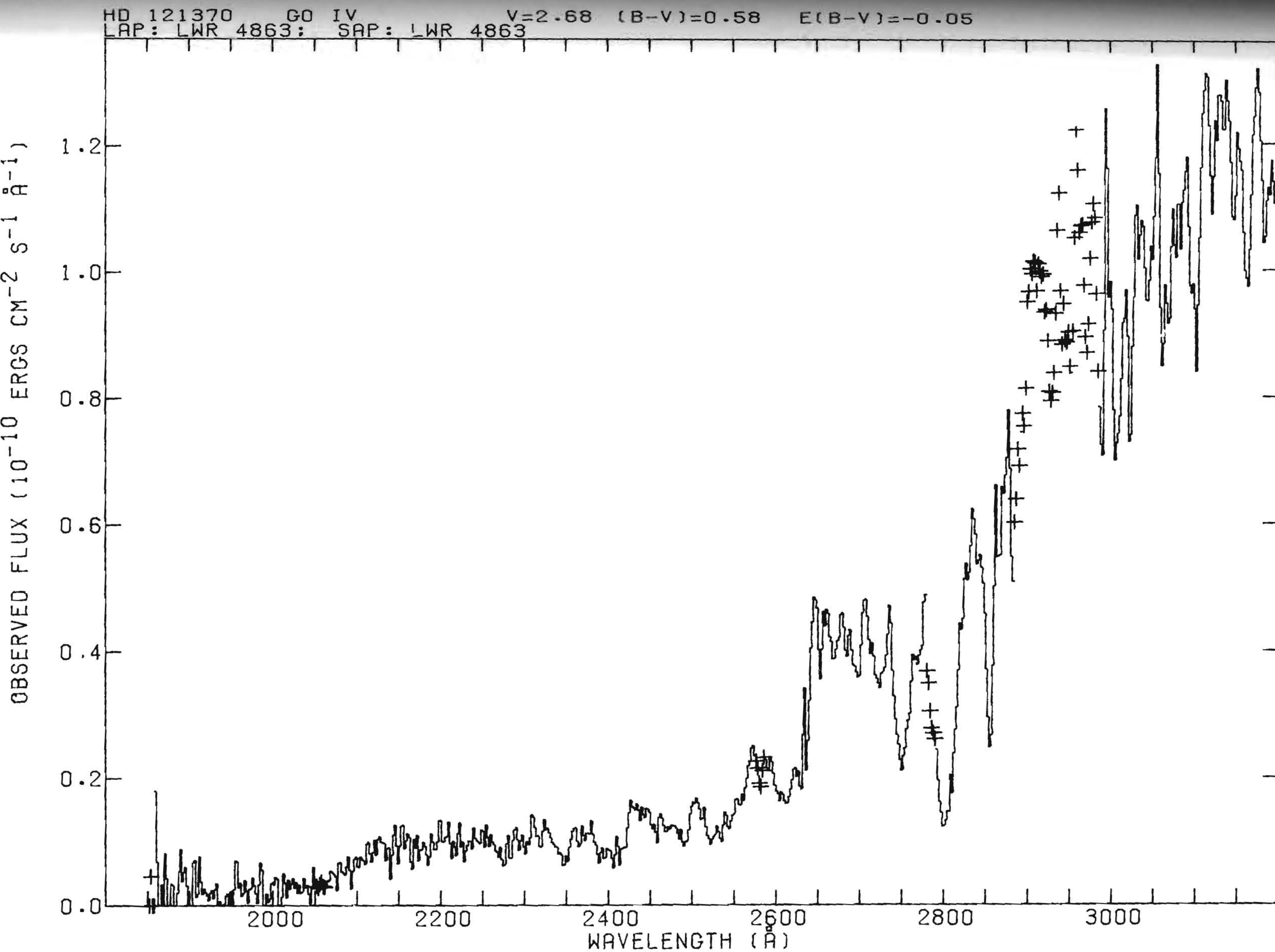

HD 109358 G0 V V=4.26 (B-V)=0.59 E(B-V)=-0.01
LAP: LWR 4861, LWR 15530; SAP: LWR 4861
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

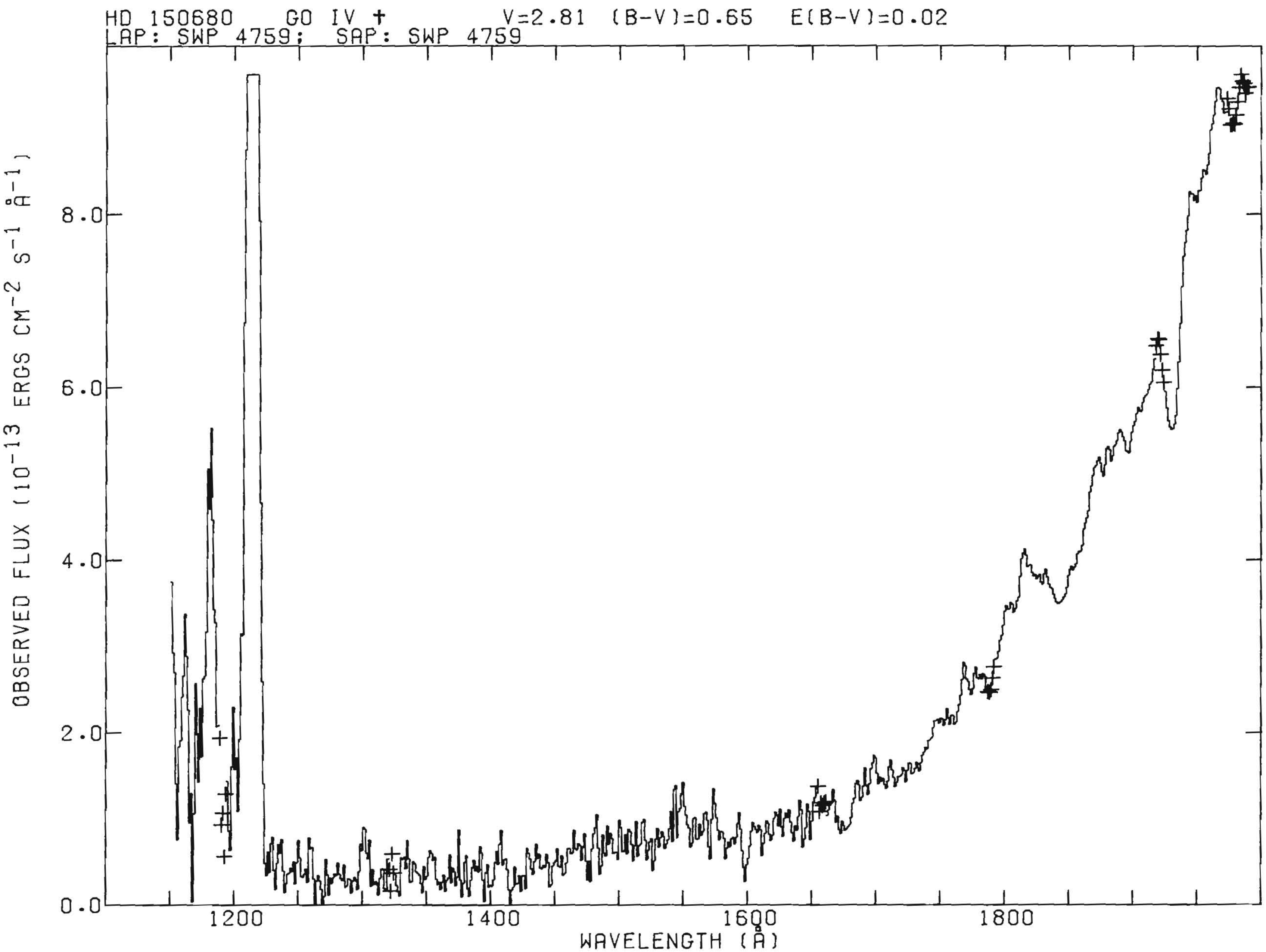


HD 114710 G0 V V=4.26 (B-V)=0.57 E(B-V)=-0.03
LAP: SWP 9465; SAP: SWP 6179
OBSERVED FLUX (10^{-13} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
2.0
1200
1400
1600
1800
WAVELENGTH (Å)

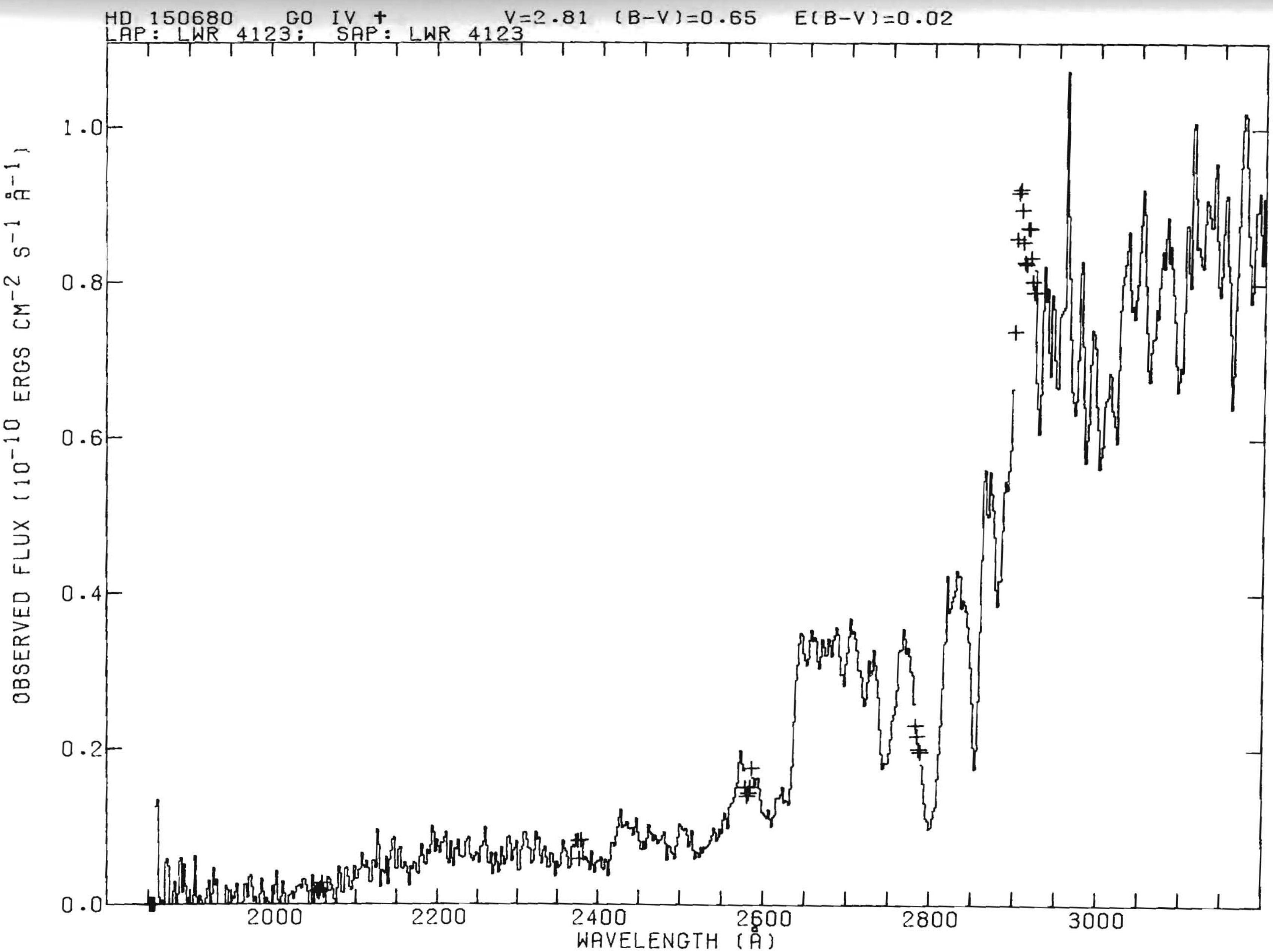

HD 114710 G0 V V=4.26 (B-V)=0.57 E(B-V)=-0.03
LAP: LWR 4835, LWR 4834; SAP: LWR 4834
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

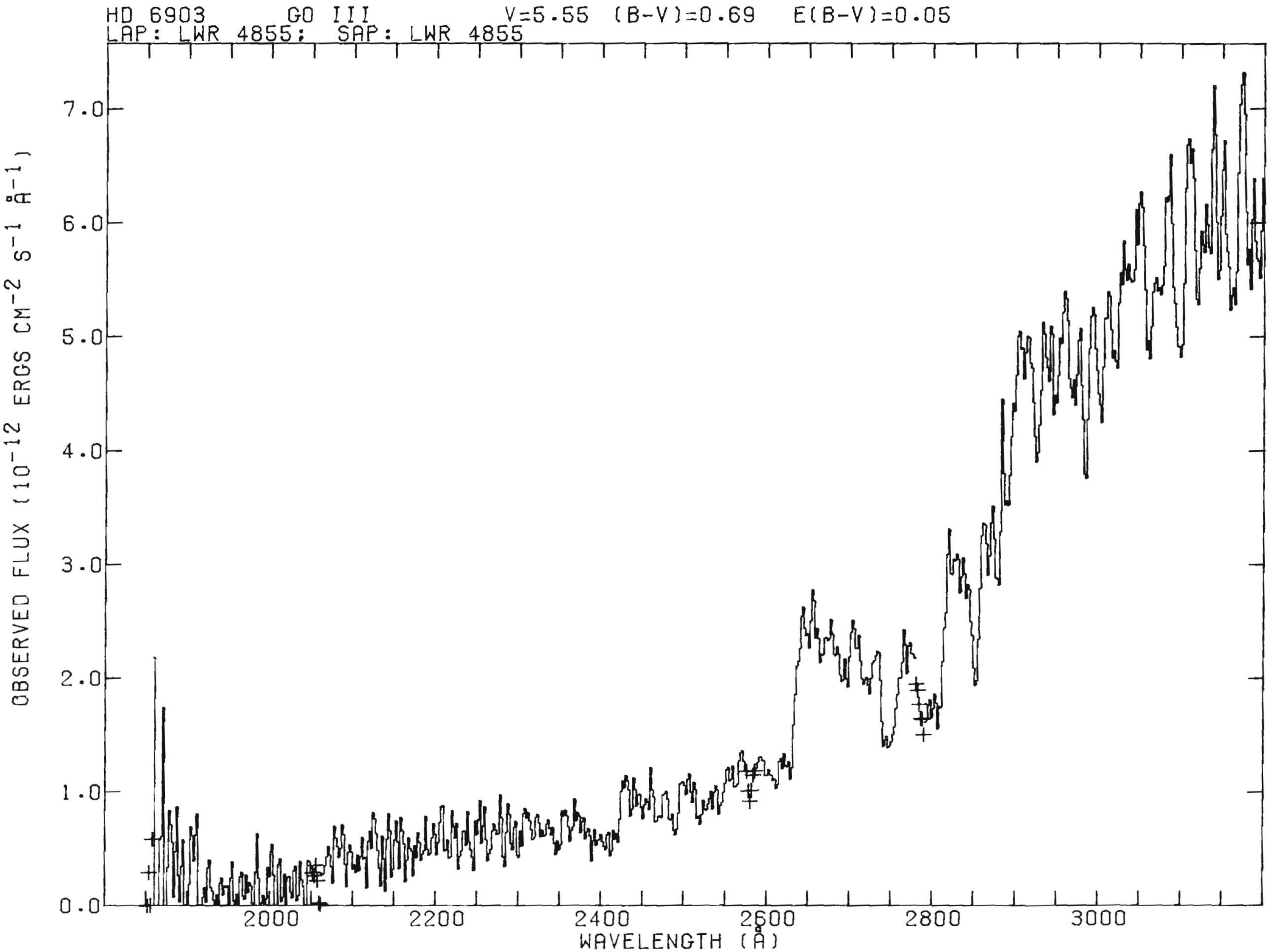

HD 121370 G0 IV V=2.68 (B-V)=0.58 E(B-V)=-0.05
LAP: SWP 5729
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} Å^{-1})
2.0
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)


HD 121370 G0 IV V=2.68 (B-V)=0.58 E(B-V)=-0.05
LAP: LWR 4863; SAP: LWR 4863
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} Å^{-1})
0.0
0.2
0.4
0.6
0.8
1.0
1.2
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

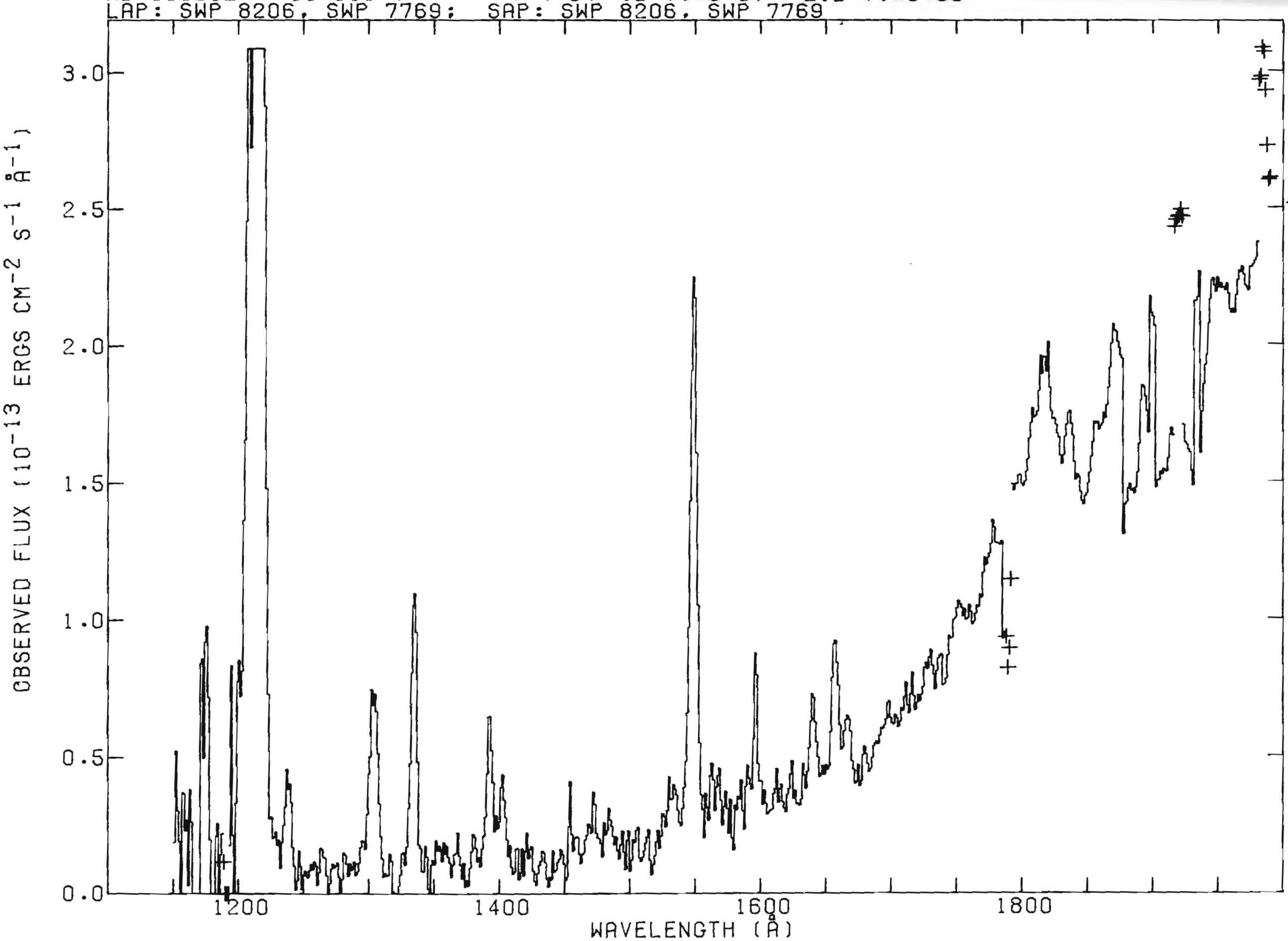


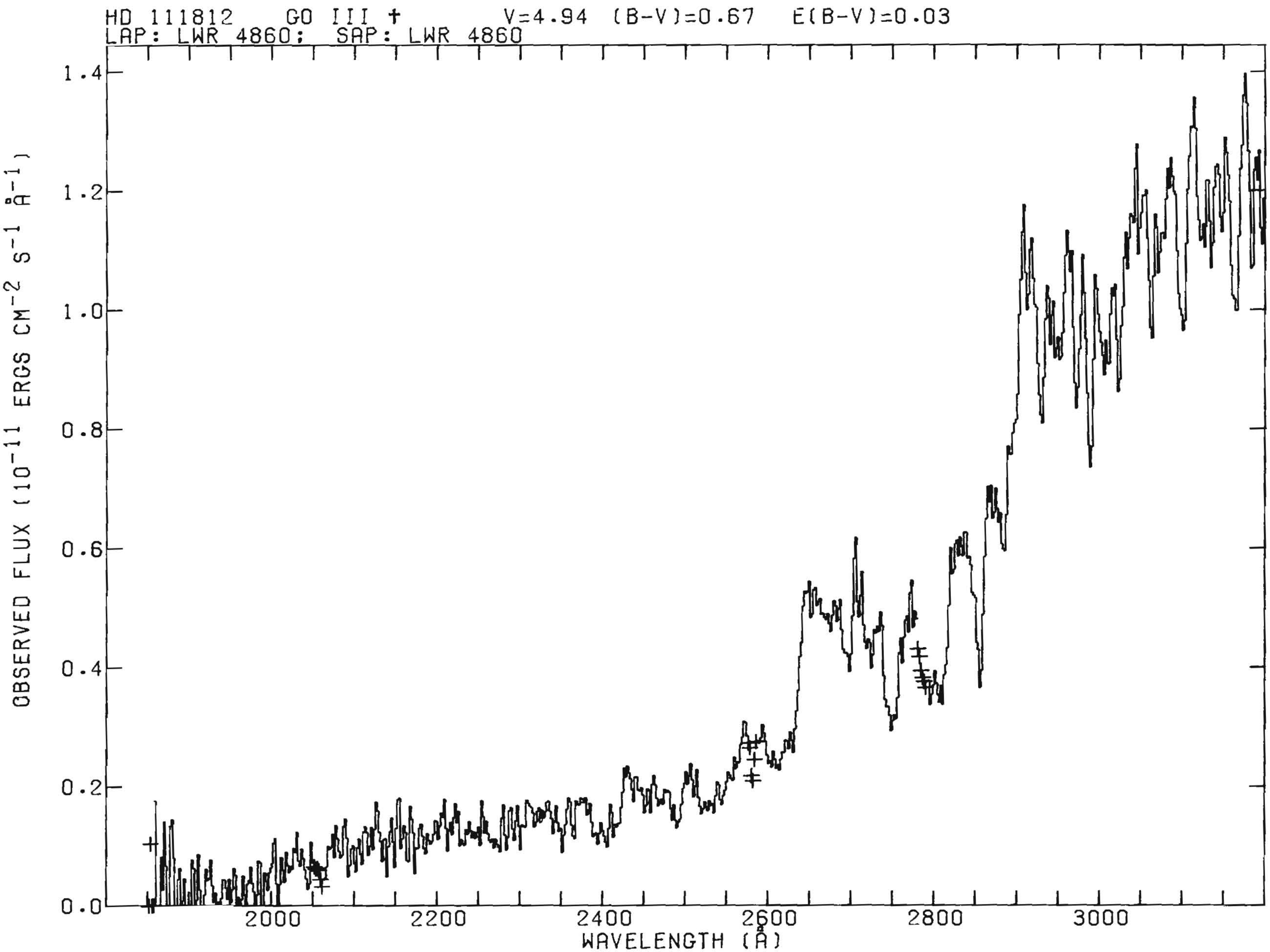
HD 150680 G0 IV + V=2.81 (B-V)=0.65 E(B-V)=0.02
LAP: SWP 4759; SAP: SWP 4759
OBSERVED FLUX (10-13 ERGS CM-2 S-1 Å-1)
0.0
2.0
4.0
6.0
8.0
1200
1400
1600
1800
WAVELENGTH (Å)


HD 150680 G0 IV + V=2.81 (B-V)=0.65 E(B-V)=0.02
LAP: LWR 4123; SAP: LWR 4123
OBSERVED FLUX (10⁻¹⁰ ERGS CM⁻² S⁻¹ Å⁻¹)
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

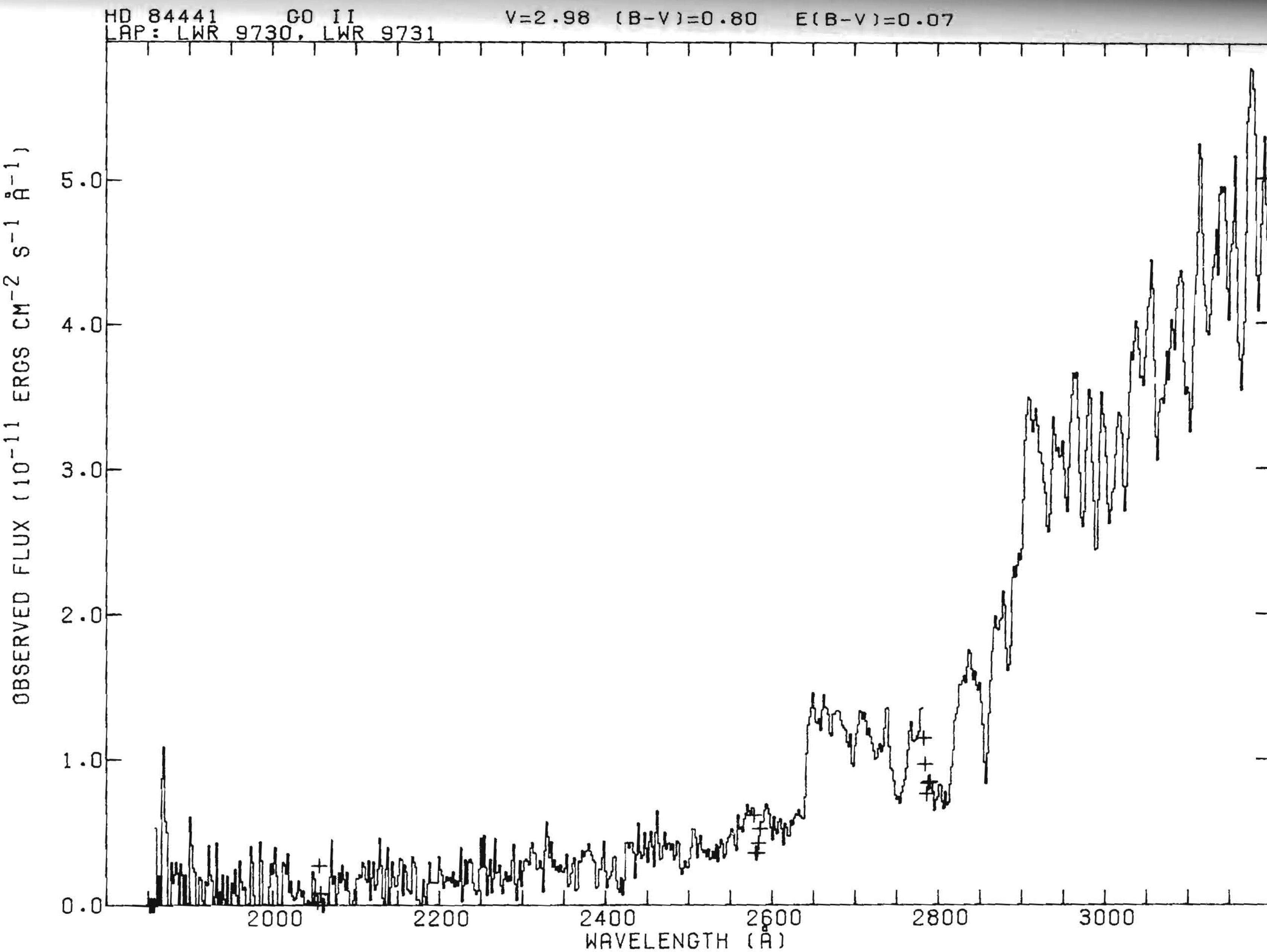

HD 6903 G0 III V=5.55 (B-V)=0.69 E(B-V)=0.05
LAP: LWR 4855; SAP: LWR 4855
OBSERVED FLUX (10^-12 ERGS CM^-2 S^-1 Å^-1)
WAVELENGTH (Å)
0.0
1.0
2.0
3.0
4.0
5.0
6.0
7.0
2000
2200
2400
2600
2800
3000

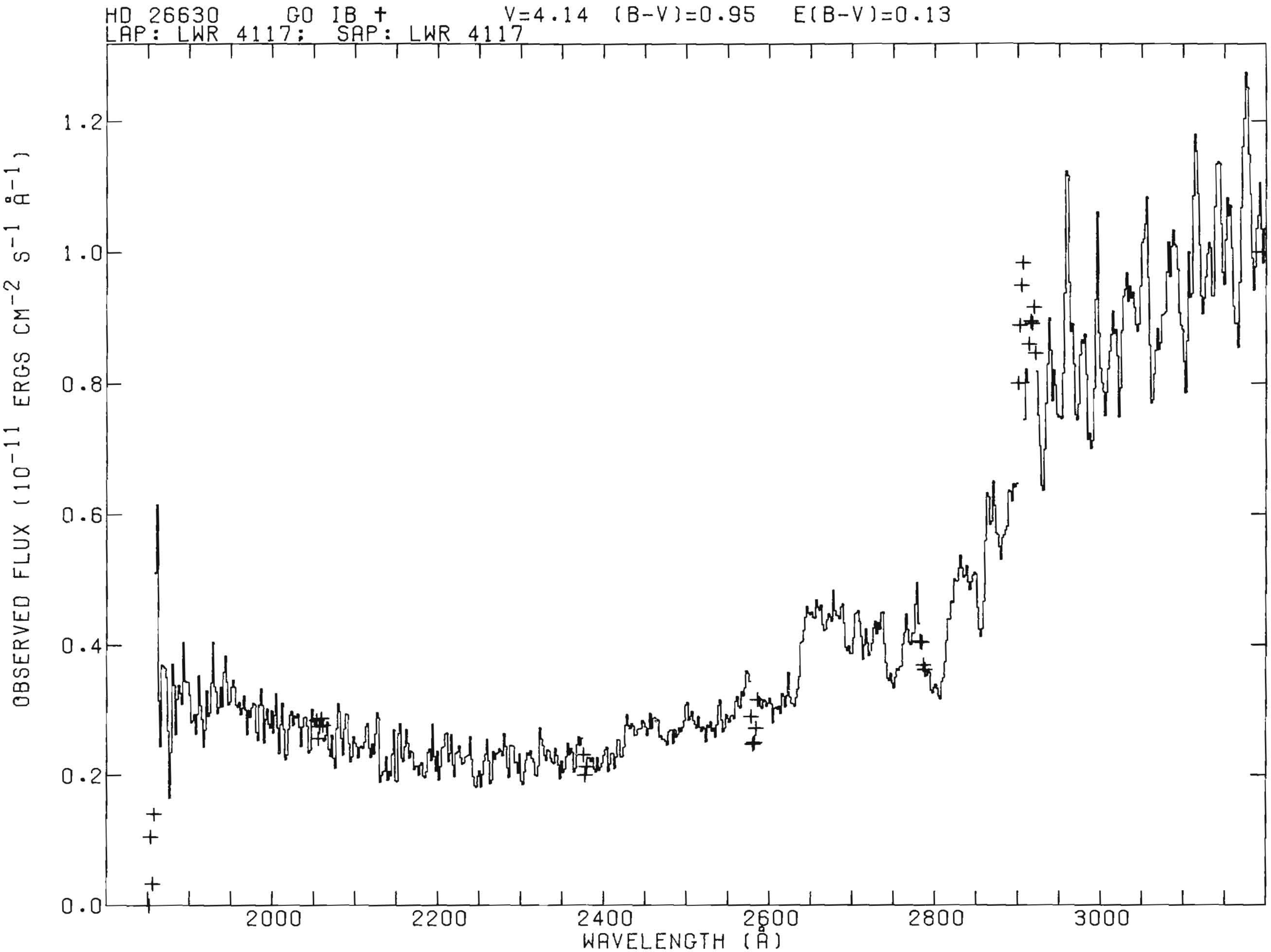
HD 111812   G0 III †   V=4.94 (B-V)=0.67   E(B-V)=0.03
LAP: SWP 8206, SWP 7769; SAP: SWP 8206, SWP 7769

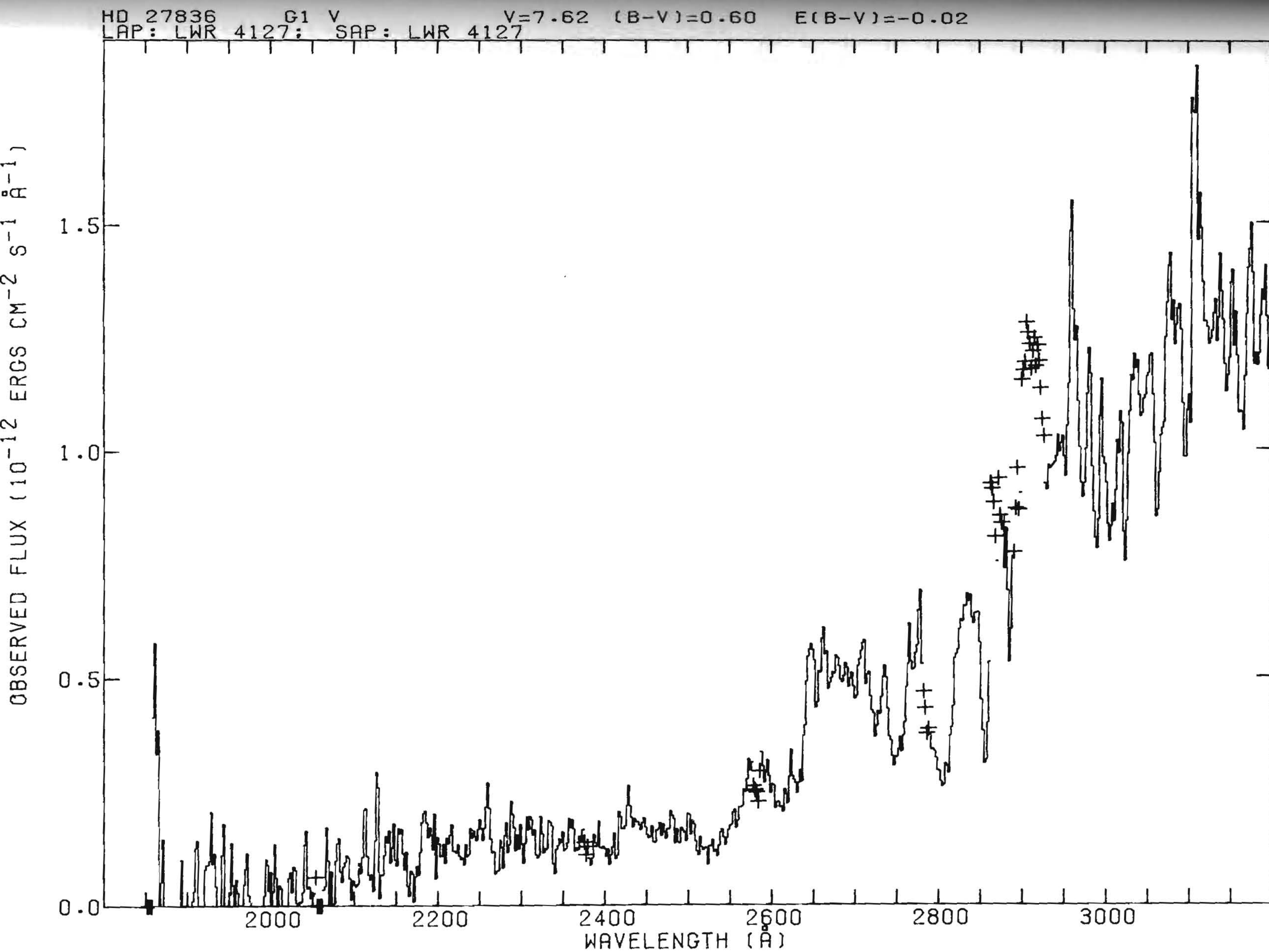


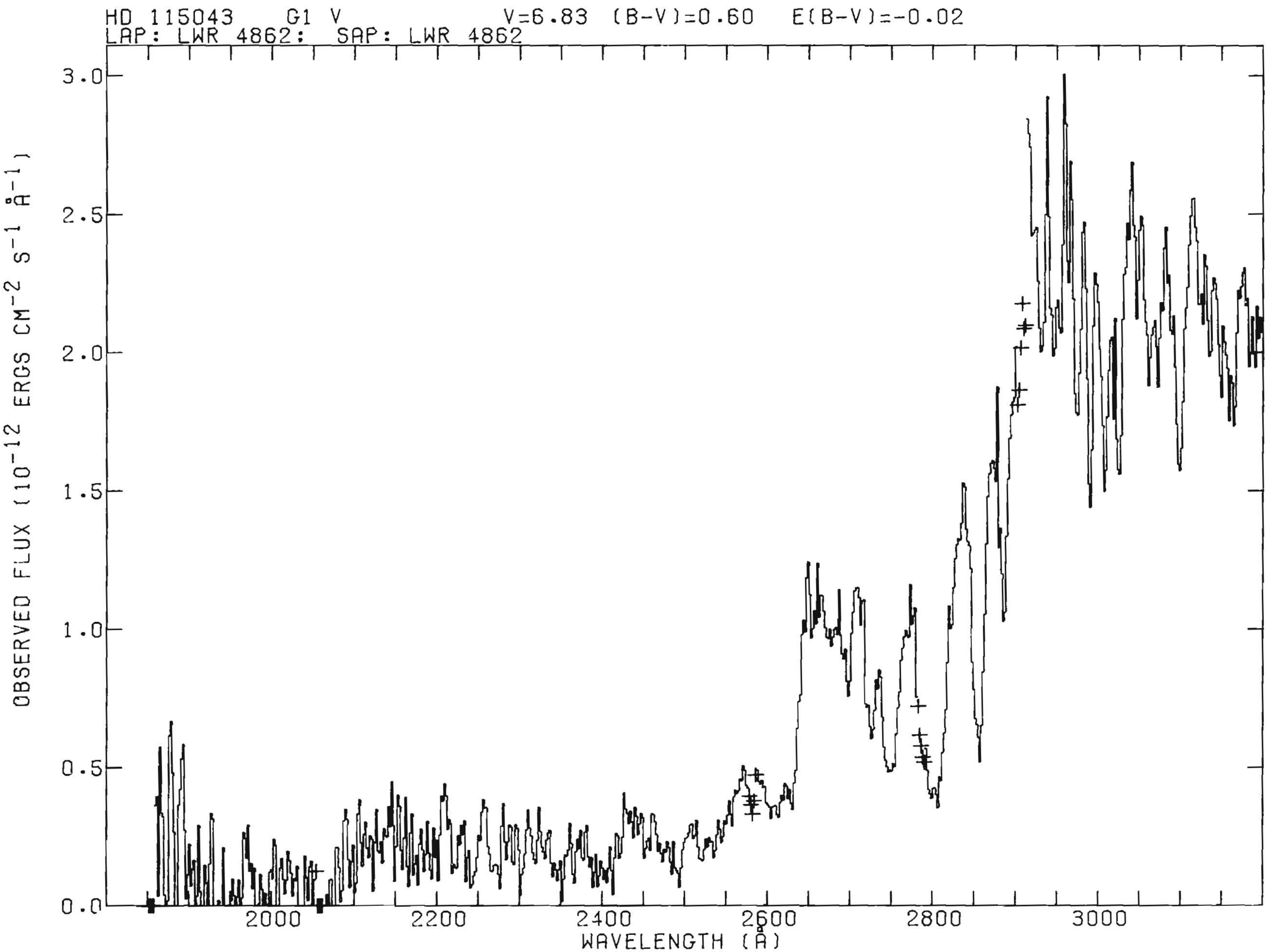


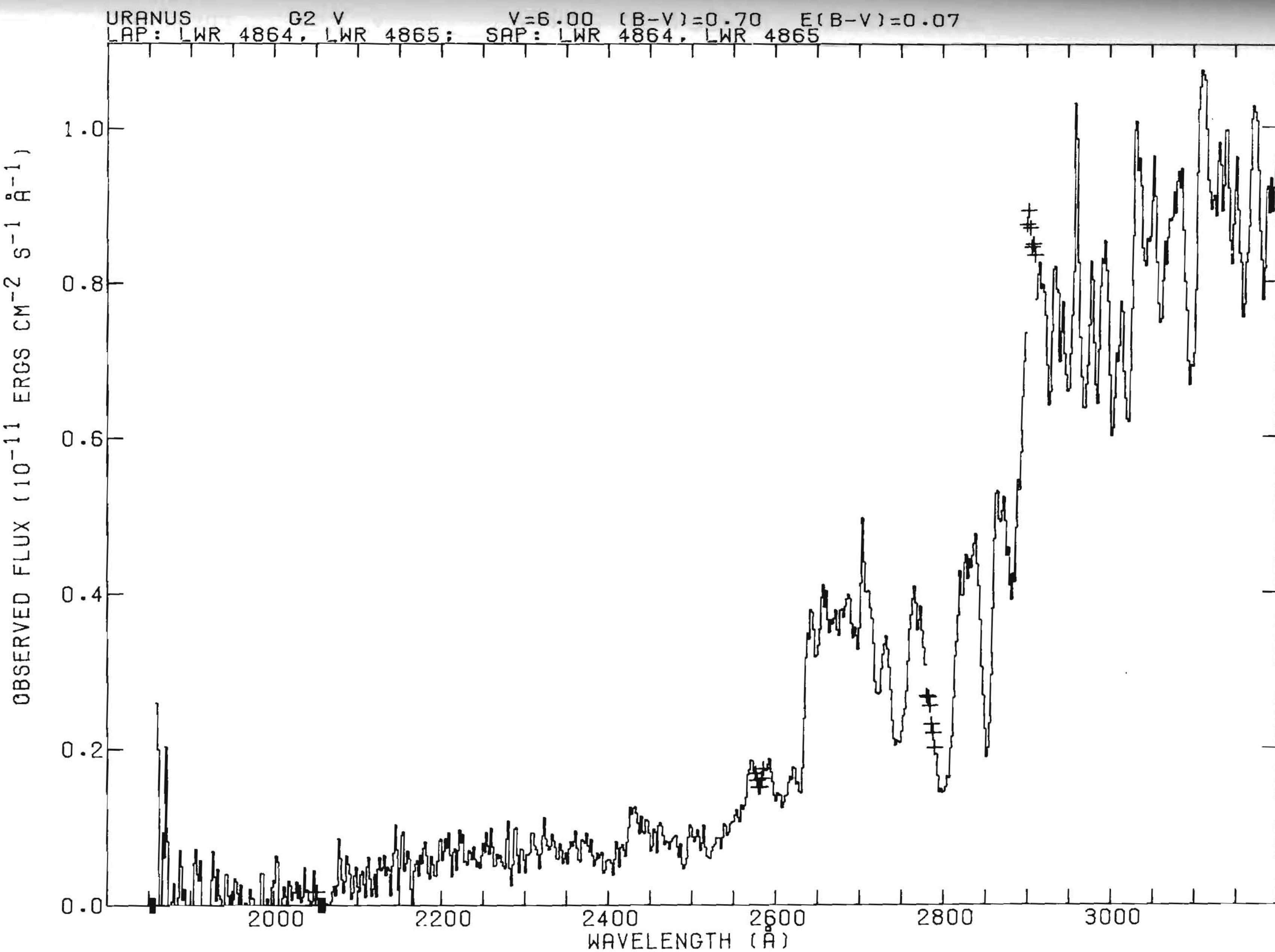
HD 111812 G0 III † V=4.94 (B-V)=0.67 E(B-V)=0.03
LAP: LWR 4860; SAP: LWR 4860
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

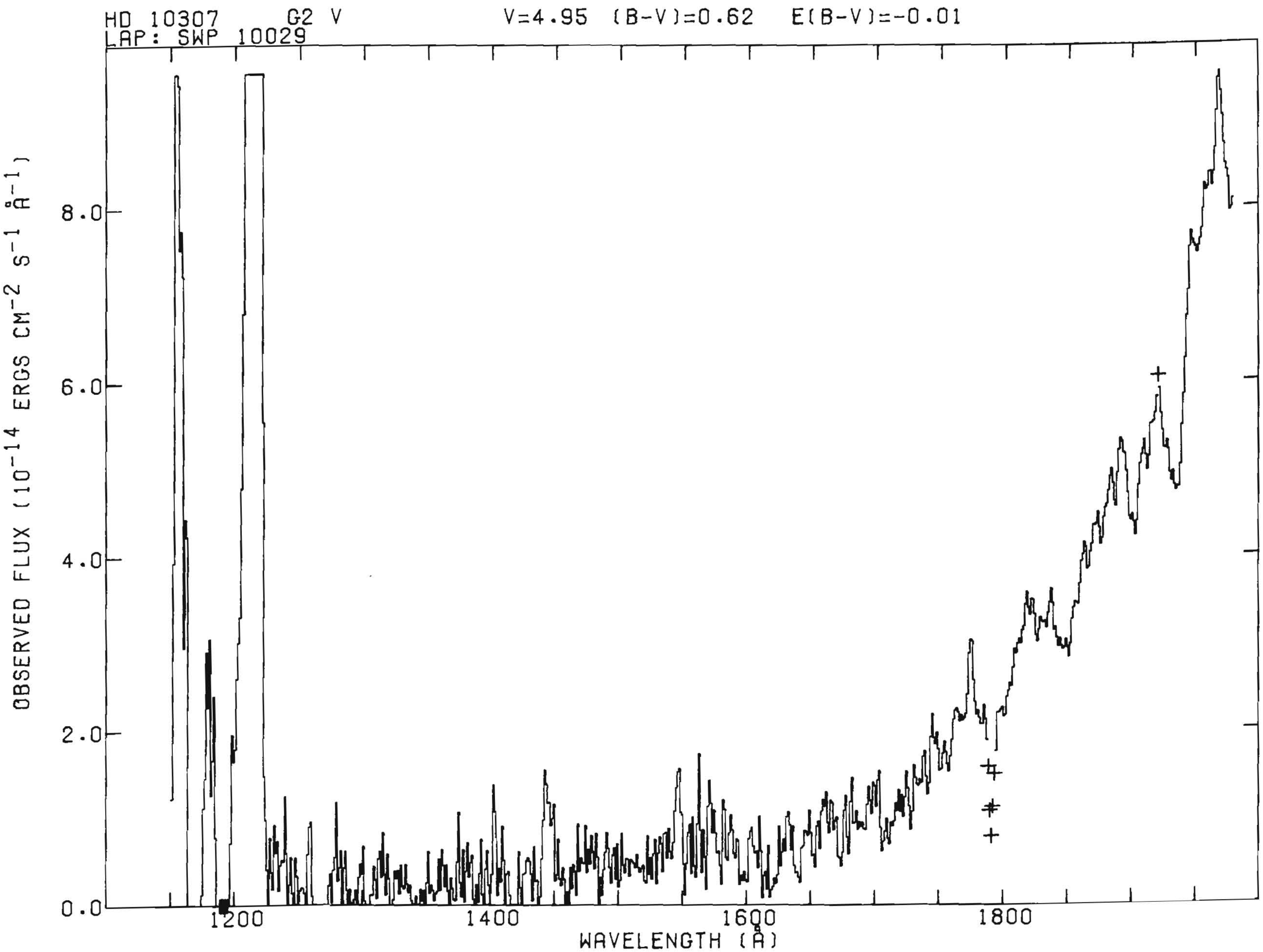

HD 84441 G0 II V=2.98 (B-V)=0.80 E(B-V)=0.07
LAP: LWR 9730, LWR 9731
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
1.0
2.0
3.0
4.0
5.0
2000
2200
2400
2600
2800
3000


HD 26630 GO IB + V=4.14 (B-V)=0.95 E(B-V)=0.13
LAP: LWR 4117; SAP: LWR 4117
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

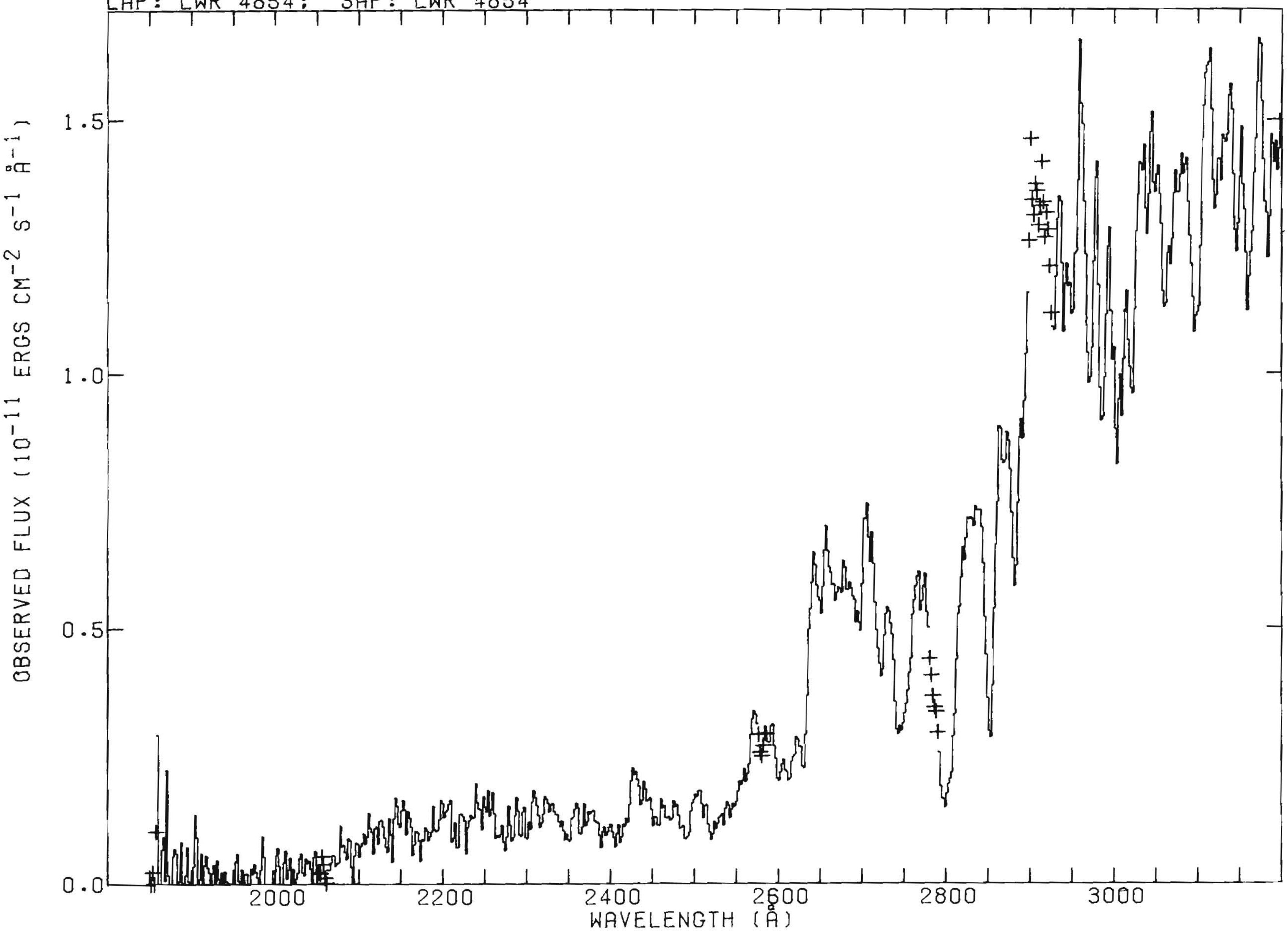

HD 27836 G1 V V=7.62 (B-V)=0.60 E(B-V)=-0.02
LAP: LWR 4127; SAP: LWR 4127
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

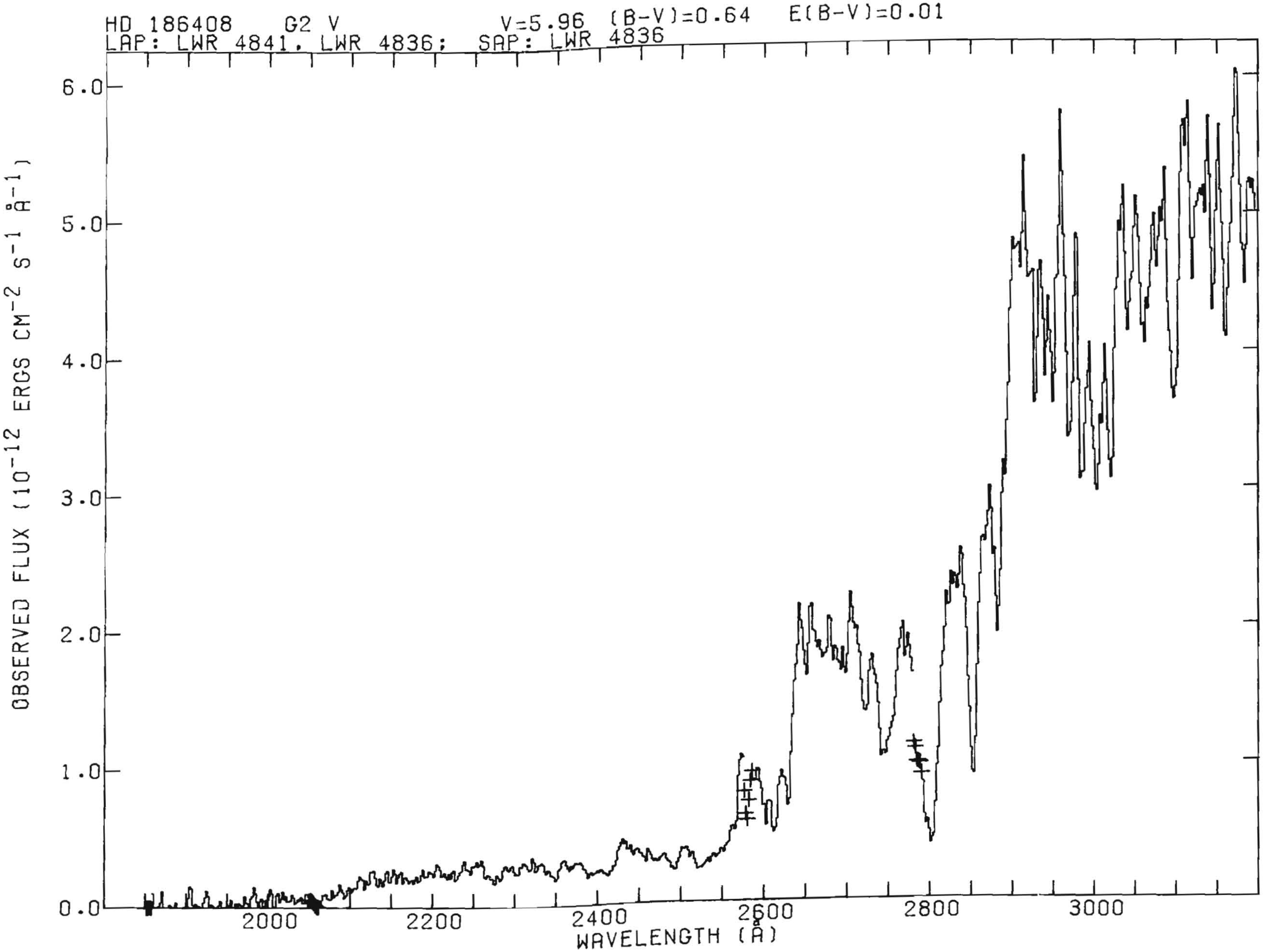

HD 115043 G1 V V=6.83 (B-V)=0.60 E(B-V)=-0.02
LAP: LWR 4862: SAP: LWR 4862
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

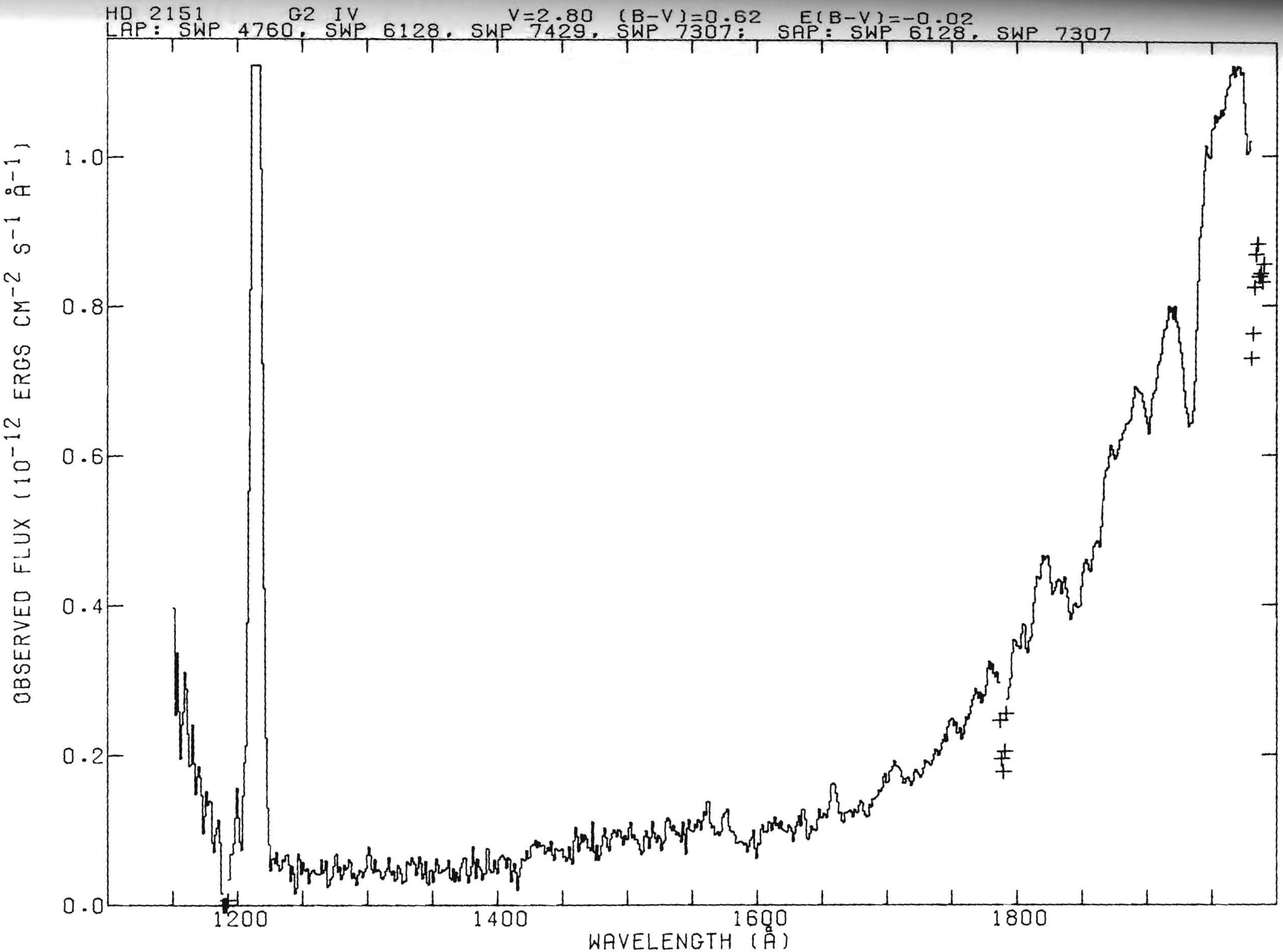

URANUS G2 V V=6.00 (B-V)=0.70 E(B-V)=0.07
LAP: LWR 4864, LWR 4865; SAP: LWR 4864, LWR 4865
OBSERVED FLUX (10^-11 ERGS CM^-2 S^-1 Å^-1)
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

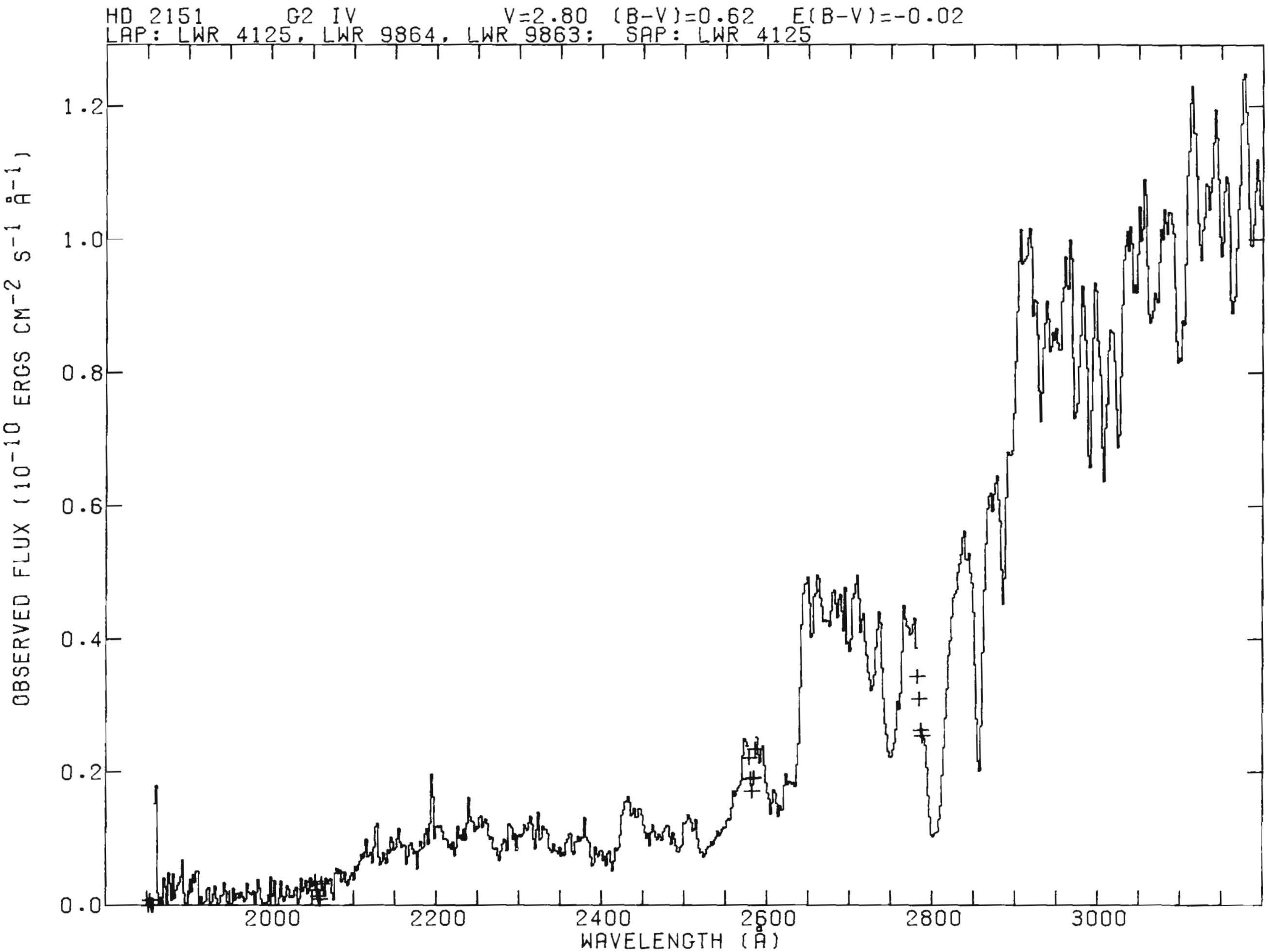

HD 10307 G2 V V=4.95 (B-V)=0.62 E(B-V)=-0.01
LAP: SWP 10029
OBSERVED FLUX (10^{-14} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
2.0
4.0
6.0
8.0
1200
1400
1600
1800
WAVELENGTH (Å)

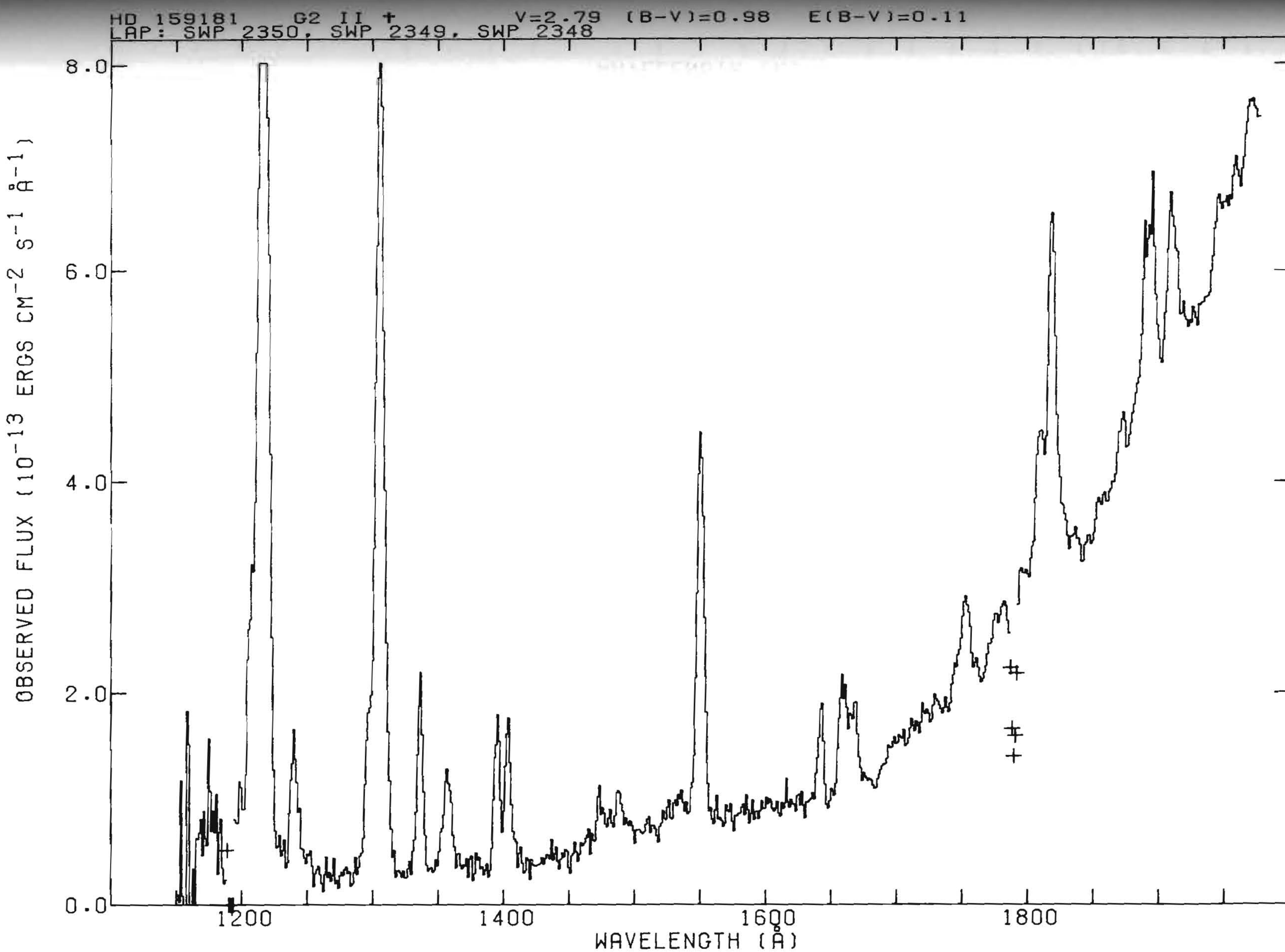
HD 10307 G2 V V=4.95 (B-V)=0.62 E(B-V)=-0.01
LAP: LWR 4854; SAP: LWR 4854



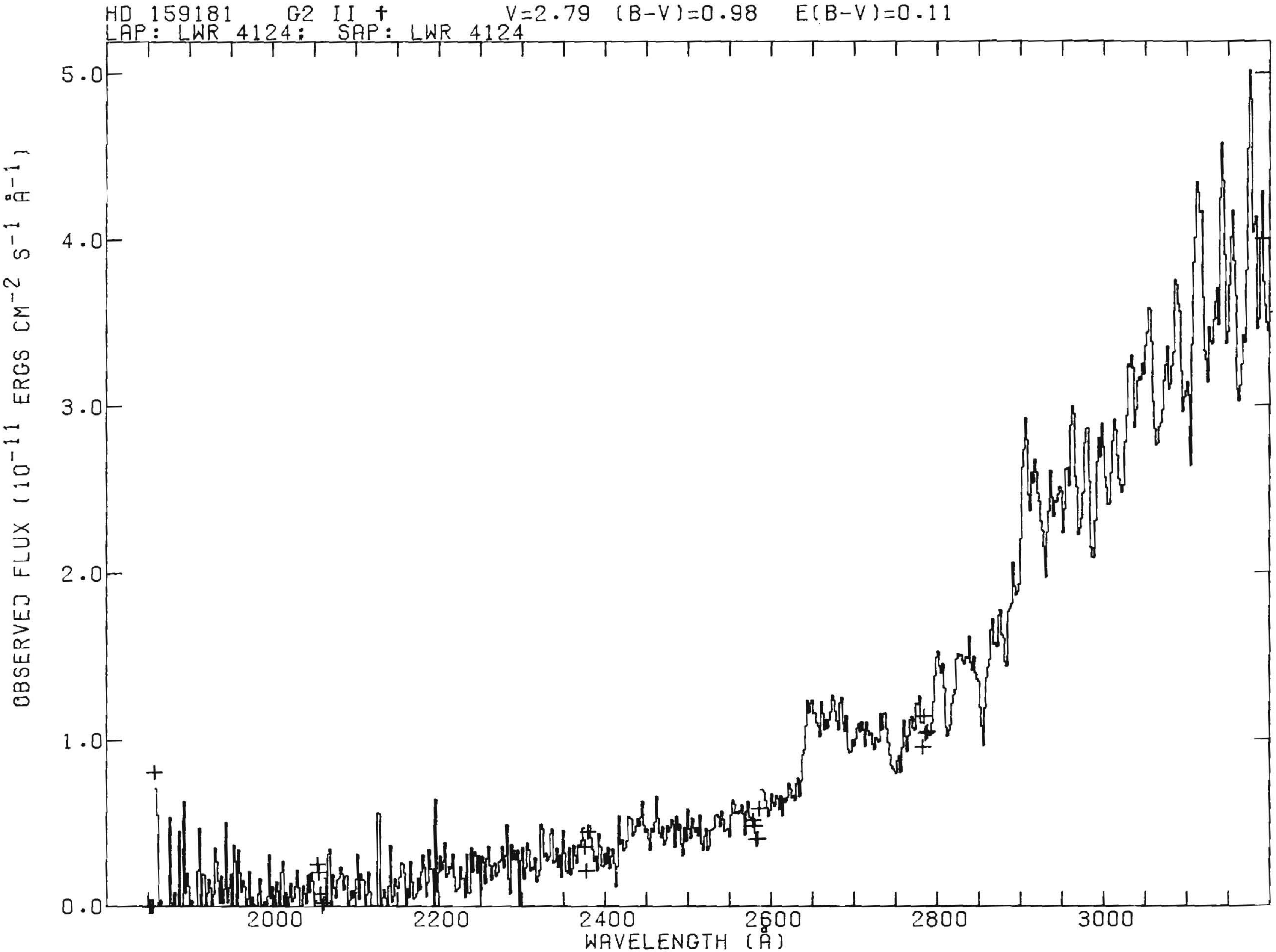

HD 186408 G2 V V=5.96 (B-V)=0.64 E(B-V)=0.01
LAP: LWR 4841, LWR 4836; SAP: LWR 4836
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

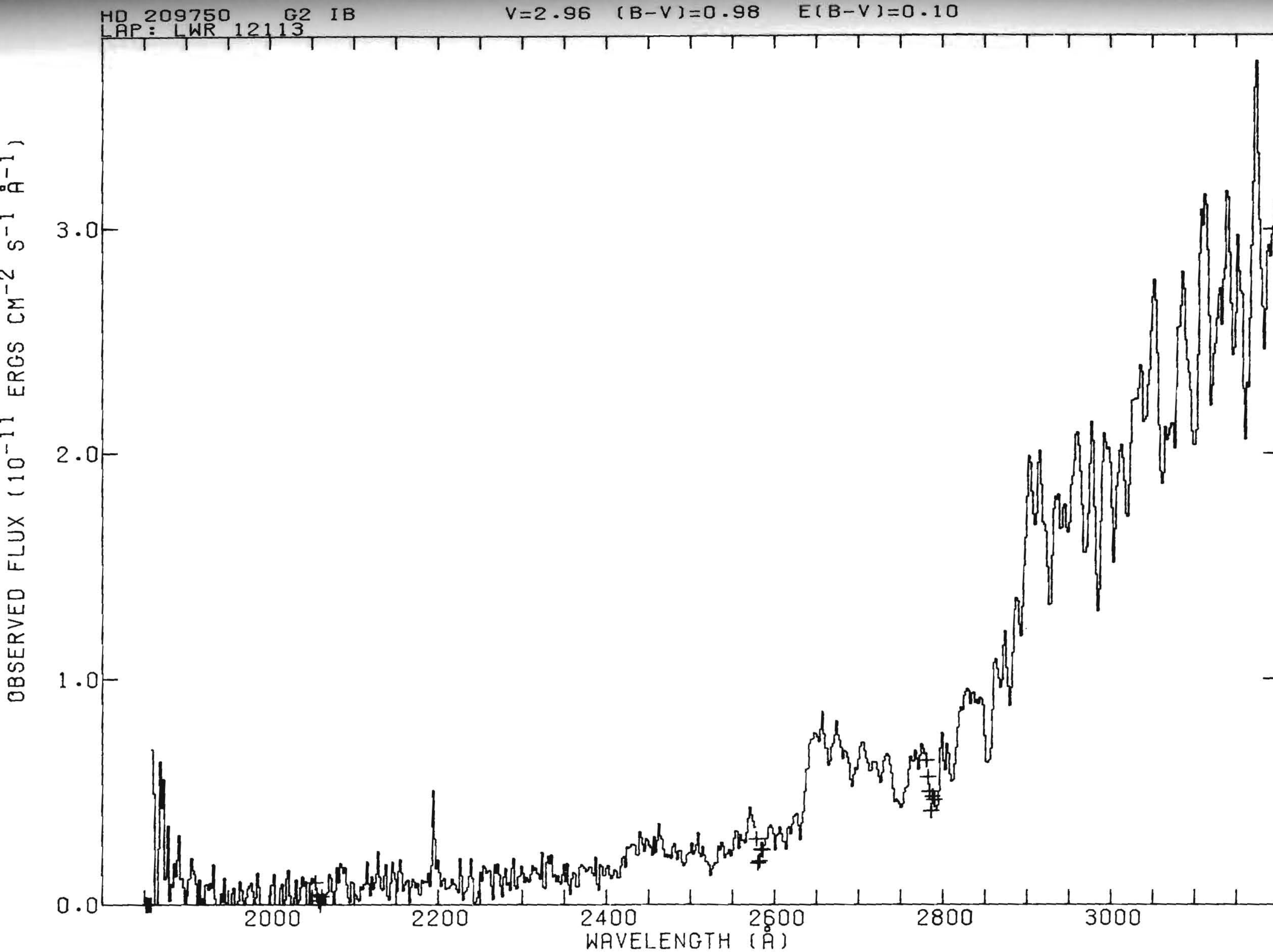

HD 2151 G2 IV V=2.80 (B-V)=0.62 E(B-V)=-0.02
LAP: SWP 4760, SWP 6128, SWP 7429, SWP 7307; SAP: SWP 6128, SWP 7307
OBSERVED FLUX (10^-12 ERGS CM^-2 S^-1 Å^-1)
1.0
0.8
0.6
0.4
0.2
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

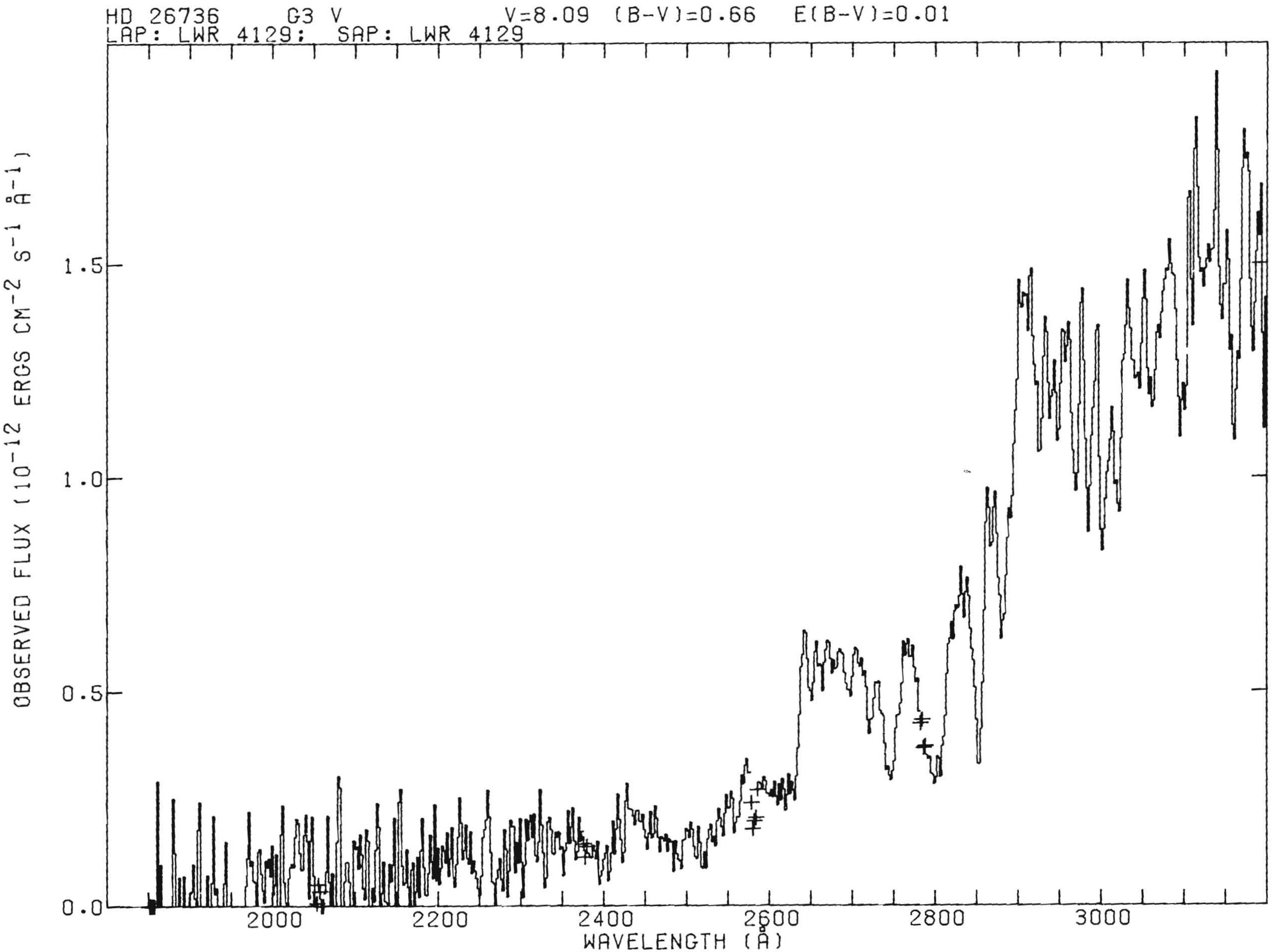

HD 2151 G2 IV V=2.80 (B-V)=0.62 E(B-V)=-0.02
LAP: LWR 4125, LWR 9864, LWR 9863; SAP: LWR 4125
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
2000
2200
2400
2600
2800
3000



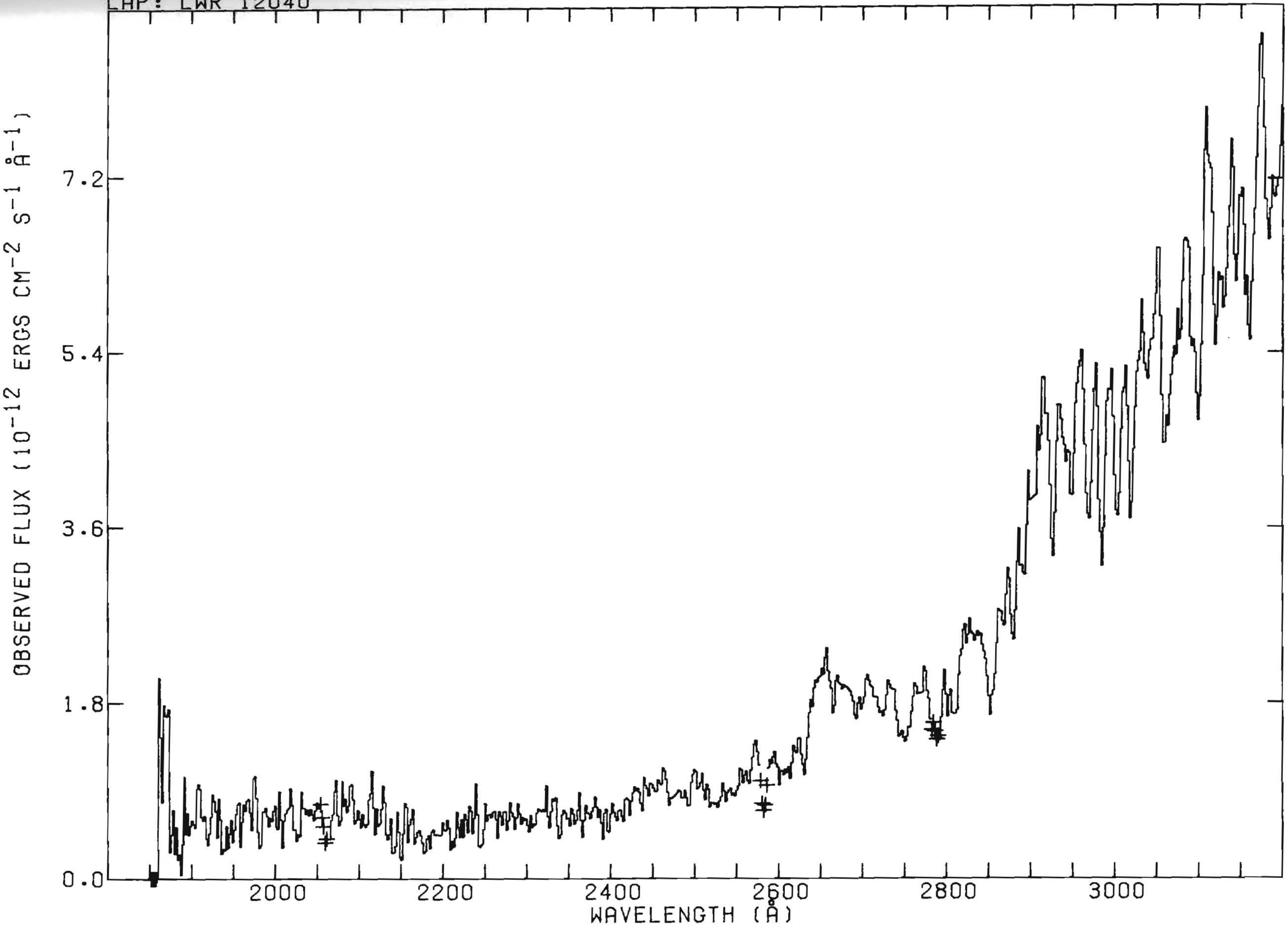
HD 159181 G2 II + V=2.79 (B-V)=0.98 E(B-V)=0.11
LAP: SWP 2350, SWP 2349, SWP 2348
OBSERVED FLUX (10^{-13} ERGS CM^{-2} S^{-1} Å^{-1})
8.0
6.0
4.0
2.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

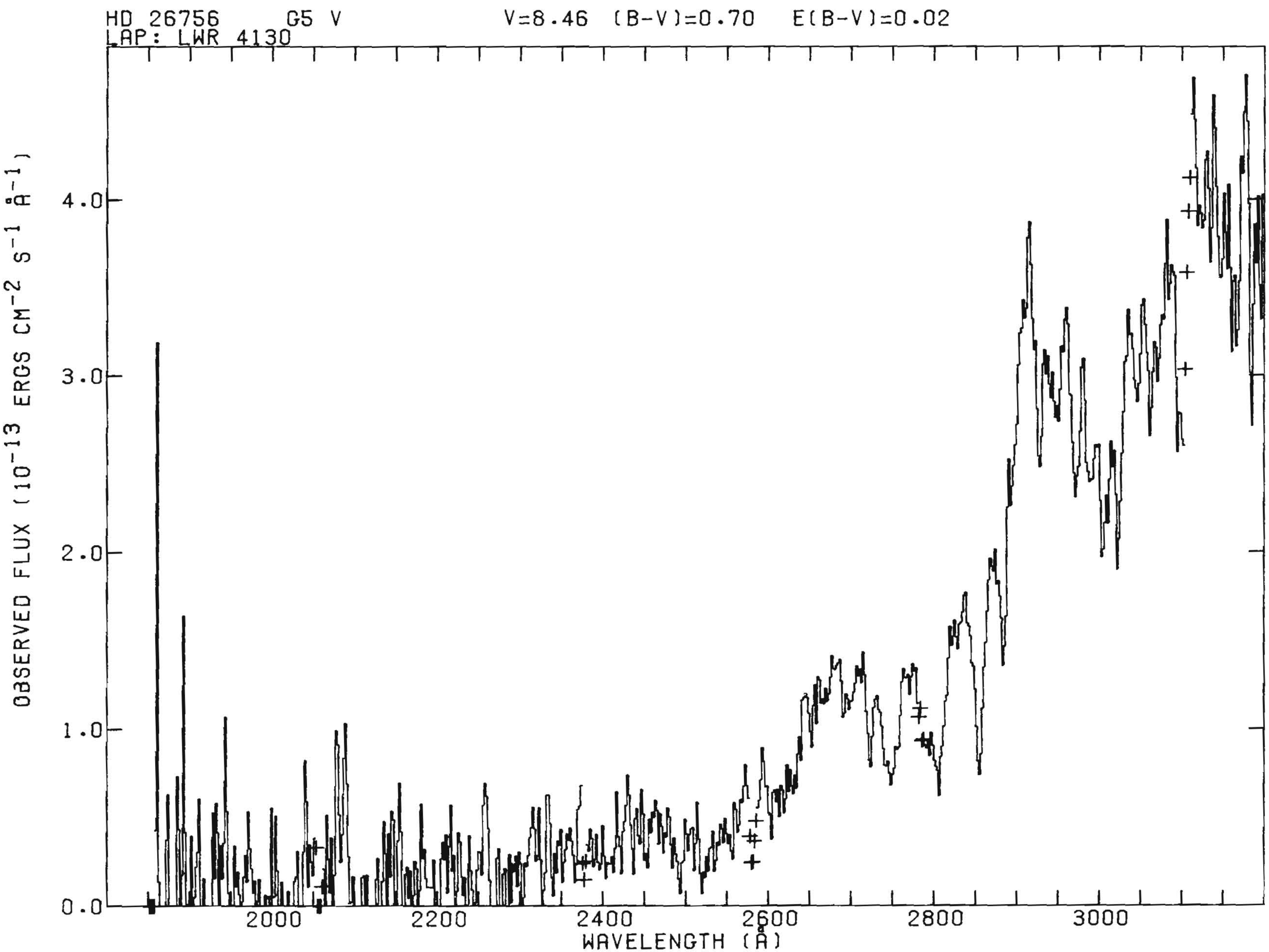

HD 159181 G2 II † V=2.79 (B-V)=0.98 E(B-V)=0.11
LAP: LWR 4124; SAP: LWR 4124
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} Å^{-1})
5.0
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 209750 G2 IB V=2.96 (B-V)=0.98 E(B-V)=0.10
LAP: LWR 12113
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
1.0
2.0
3.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

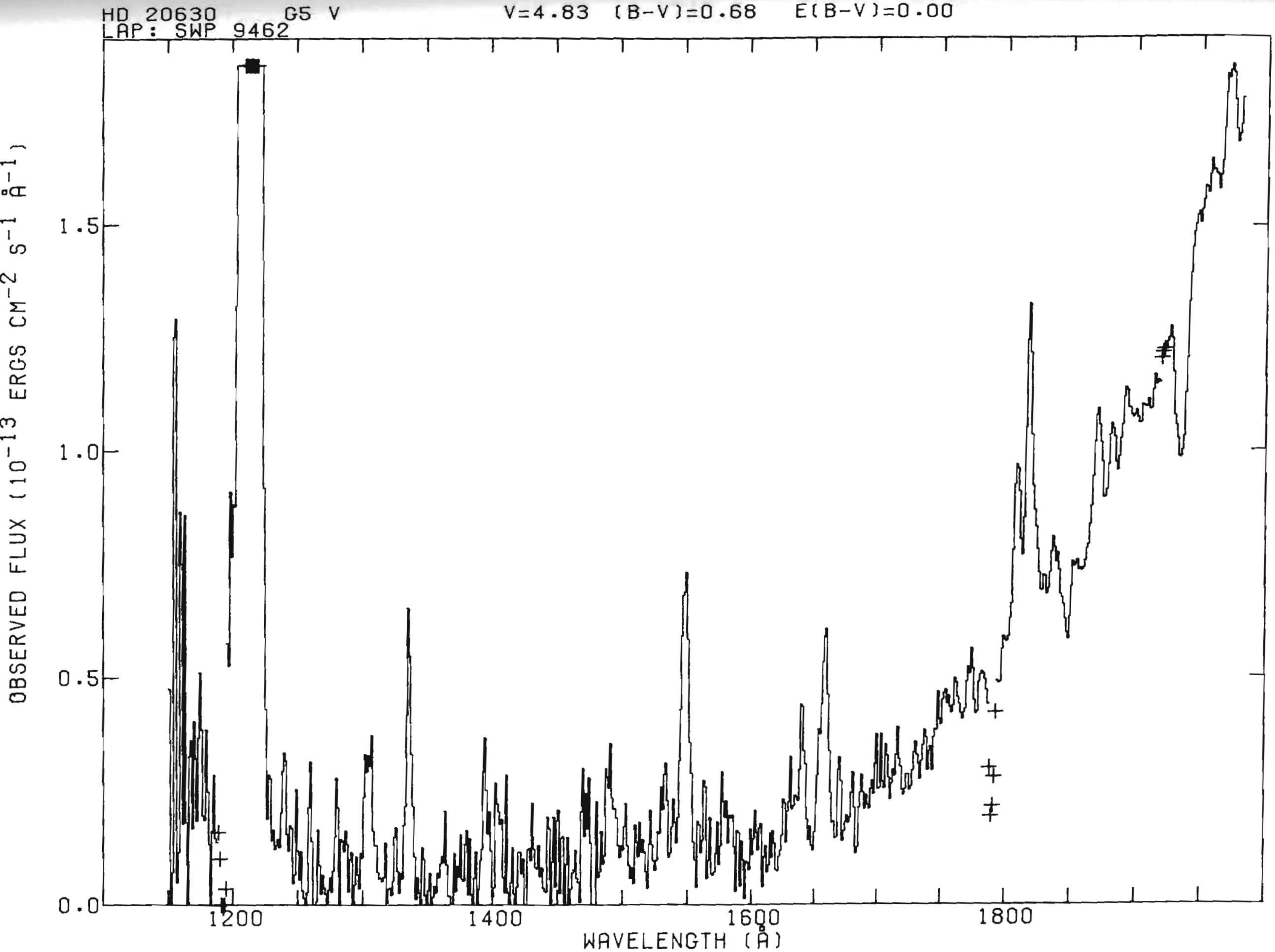

HD 26736 G3 V V=8.09 (B-V)=0.66 E(B-V)=0.01
LAP: LWR 4129; SAP: LWR 4129
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

HD 192876 G3 IB V=4.24 (B-V)=1.07 E(B-V)=0.15
LAP: LWR 12040

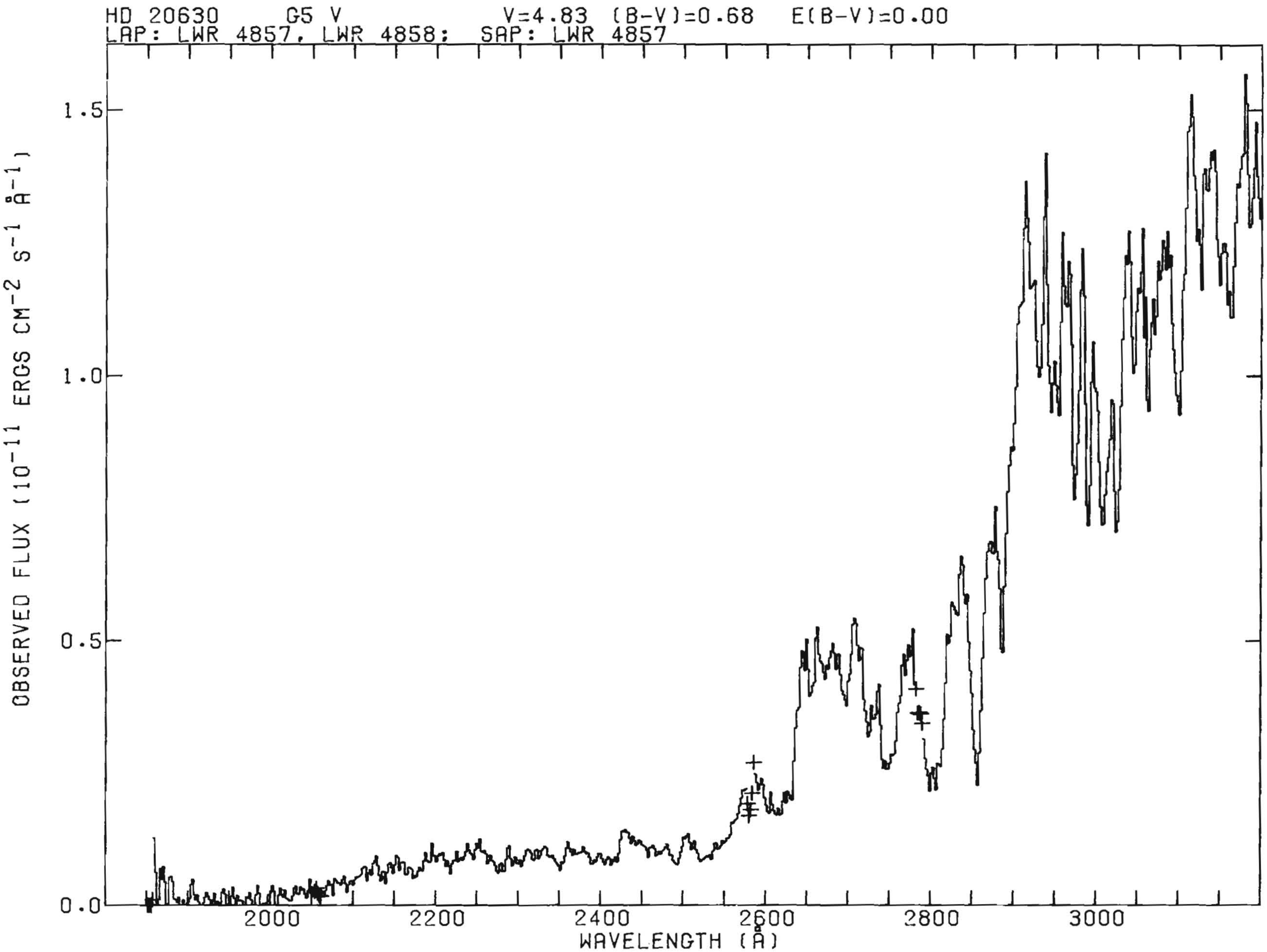




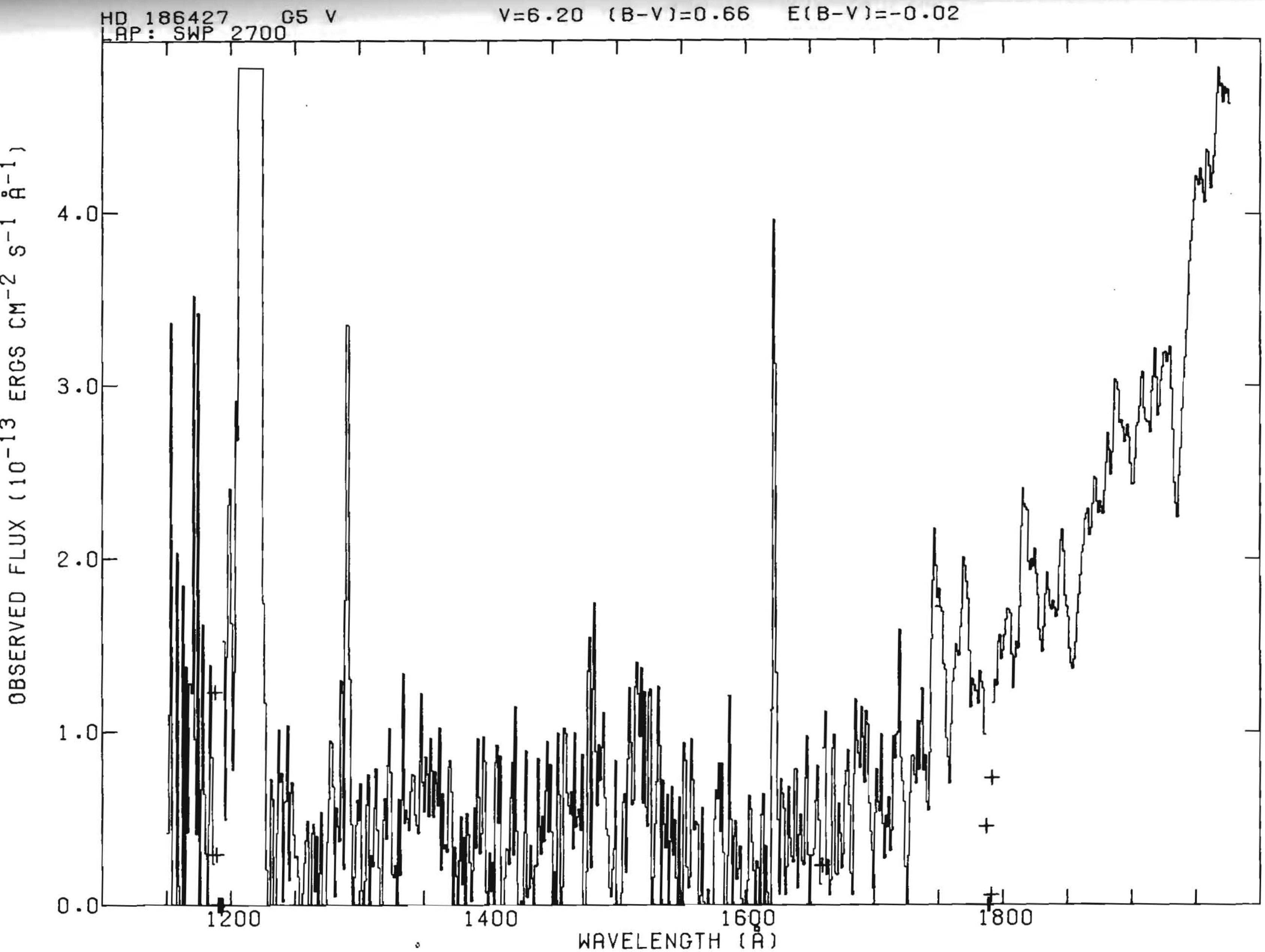
HD 26756 G5 V V=8.46 (B-V)=0.70 E(B-V)=0.02
LAP: LWR 4130
OBSERVED FLUX (10⁻¹³ ERGS CM⁻² S⁻¹ Å⁻¹)
0.0
1.0
2.0
3.0
4.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

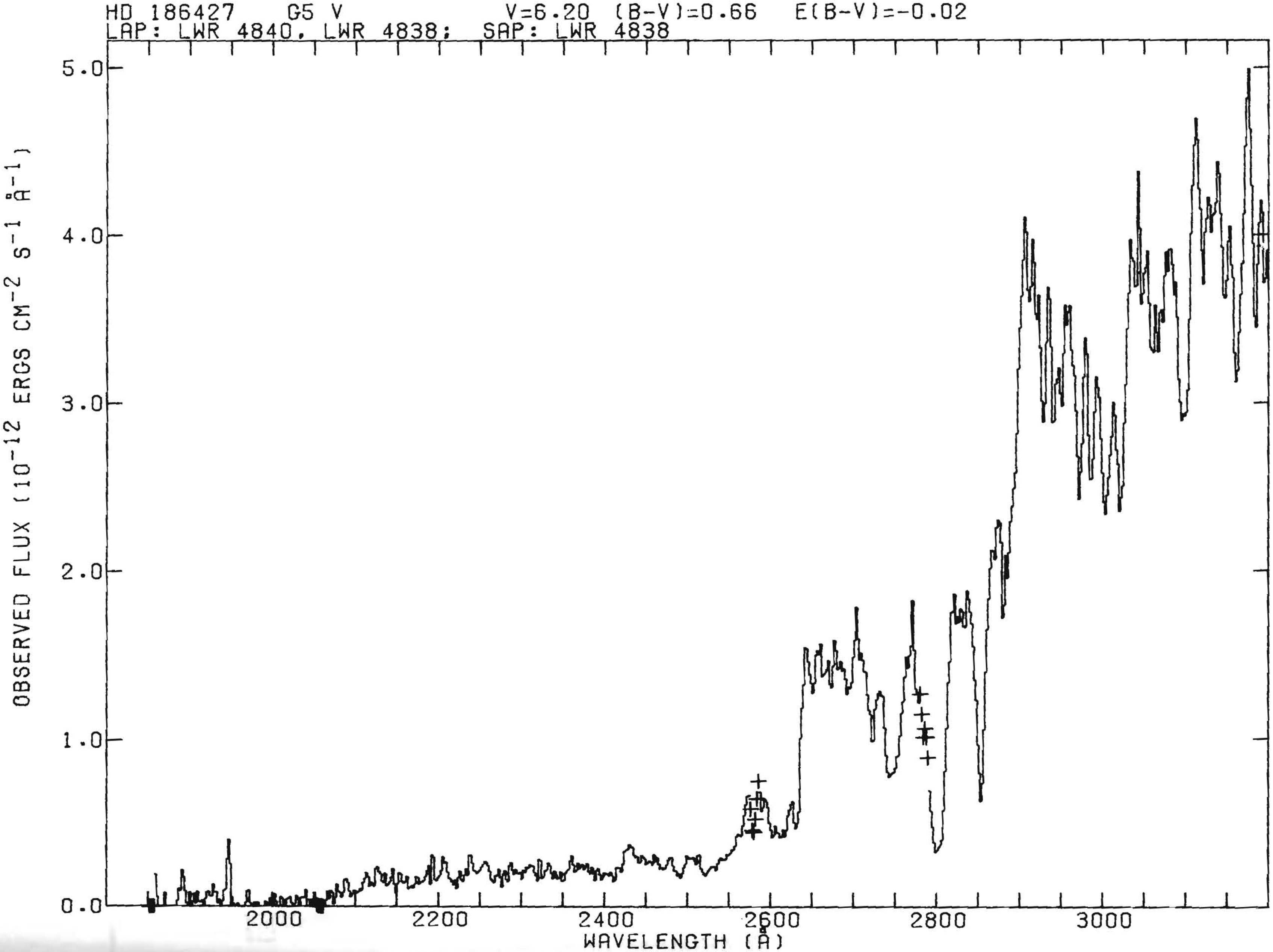


HD 20630 G5 V V=4.83 (B-V)=0.68 E(B-V)=0.00
LAP: SWP 9462
OBSERVED FLUX (10^{-13} ERGS CM^{-2} S^{-1} Å^{-1})
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

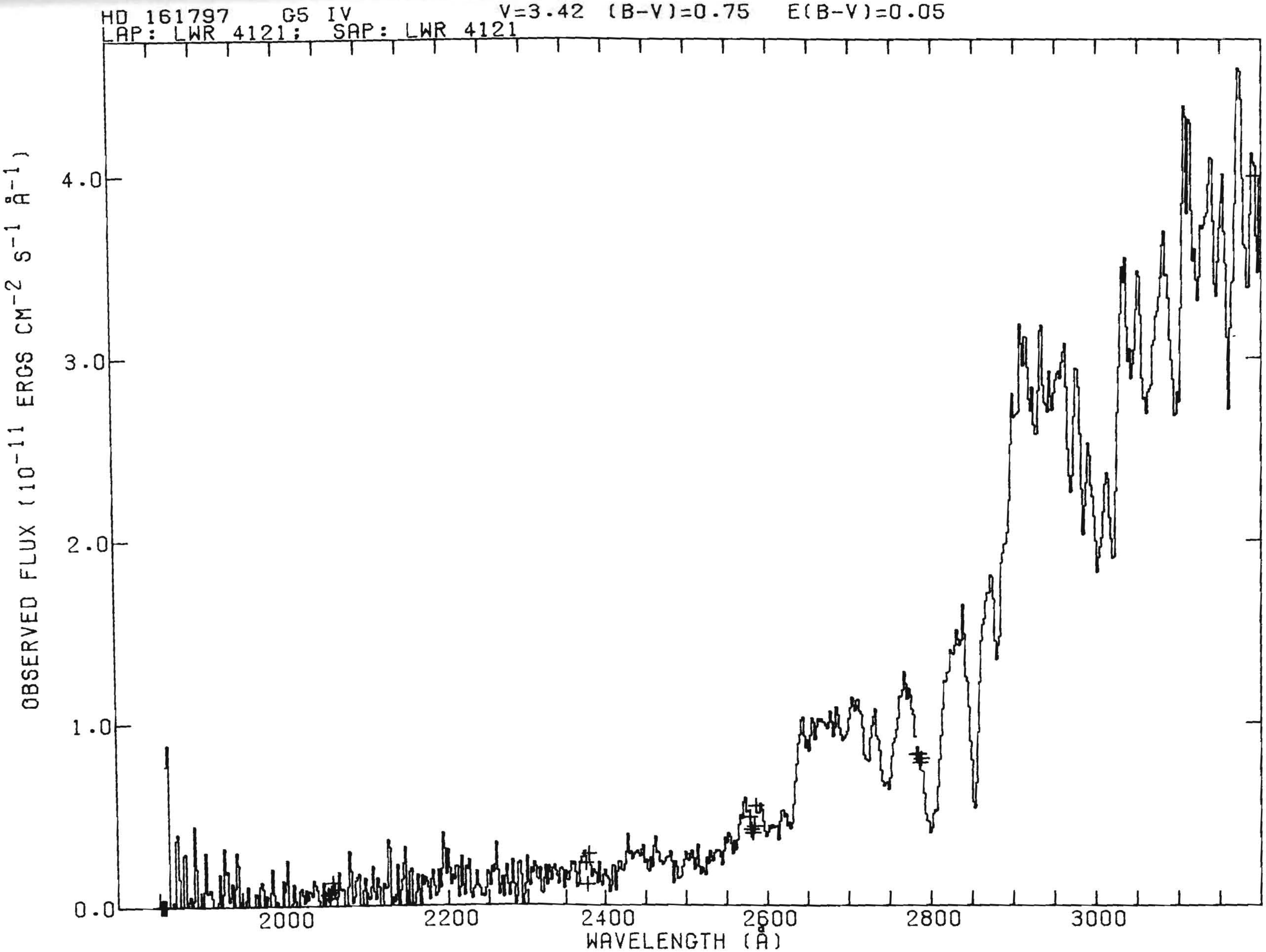


HD 20630 G5 V V=4.83 (B-V)=0.68 E(B-V)=0.00
LAP: LWR 4857, LWR 4858; SAP: LWR 4857
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

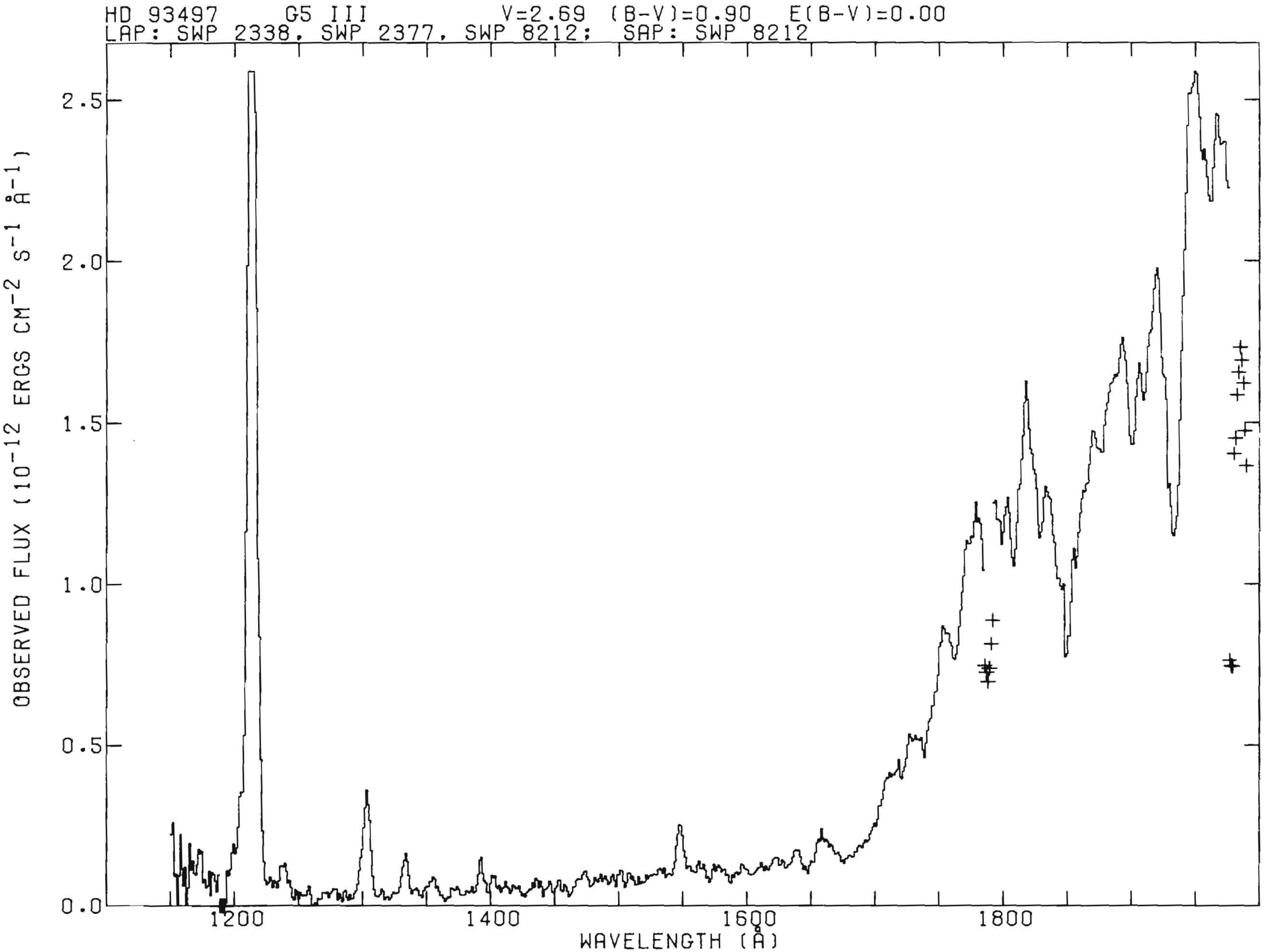

HD 186427 G5 V V=6.20 (B-V)=0.66 E(B-V)=-0.02
LAP: SWP 2700
OBSERVED FLUX (10^{-13} ERGS CM^{-2} S^{-1} $Å^{-1}$)
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

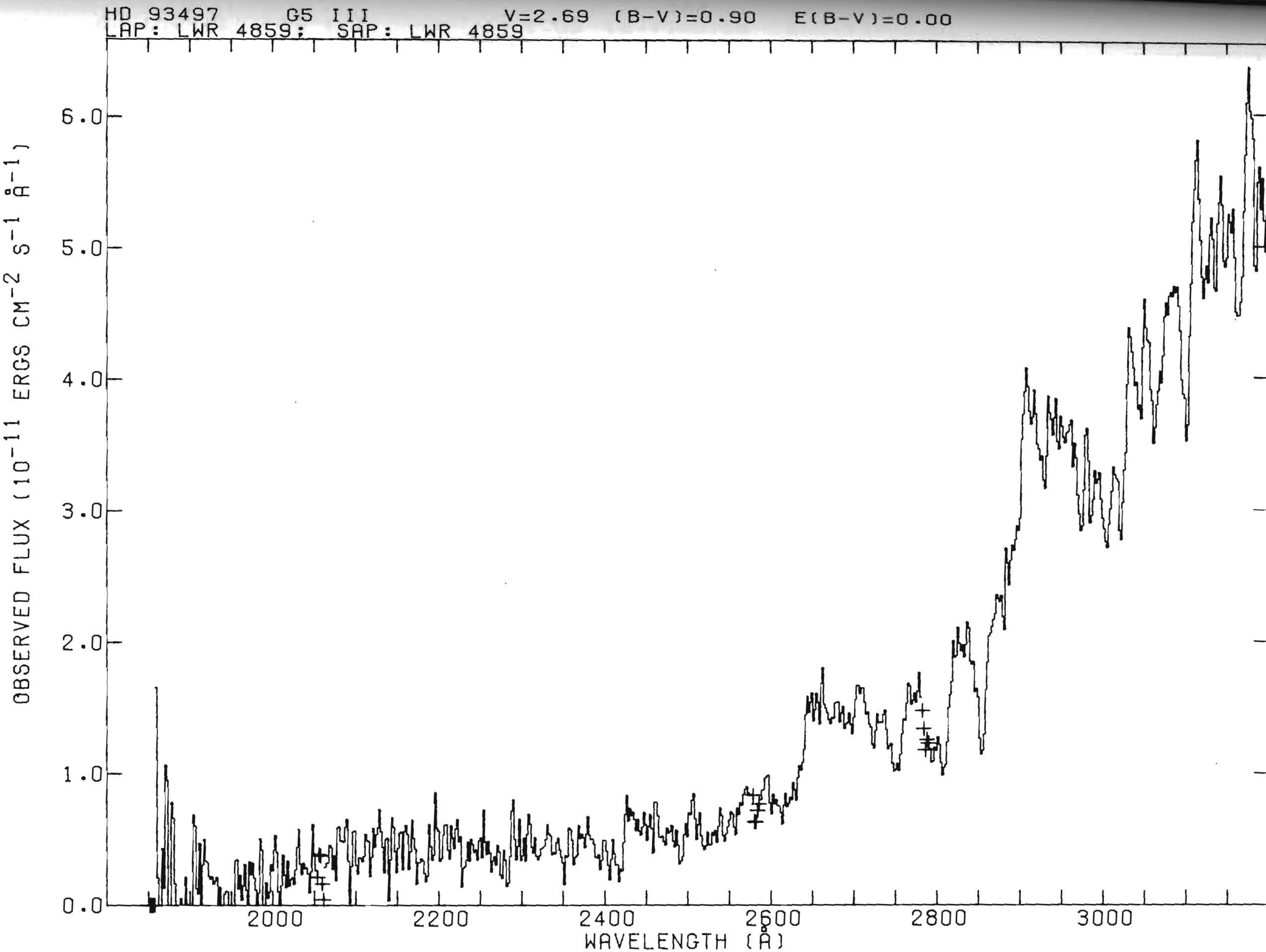


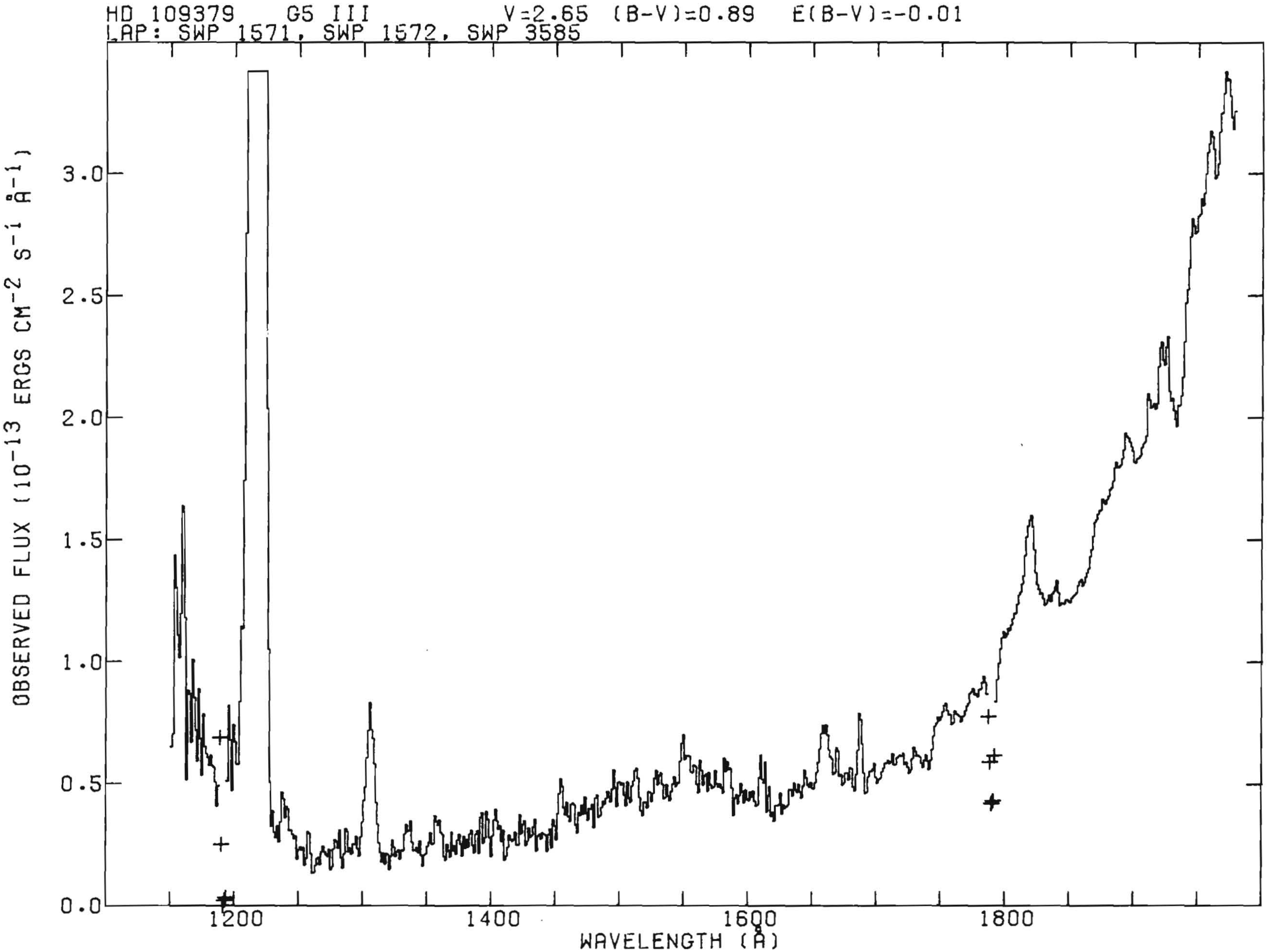
HD 186427 G5 V V=6.20 (B-V)=0.66 E(B-V)=-0.02
LAP: LWR 4840, LWR 4838; SAP: LWR 4838
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
5.0
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

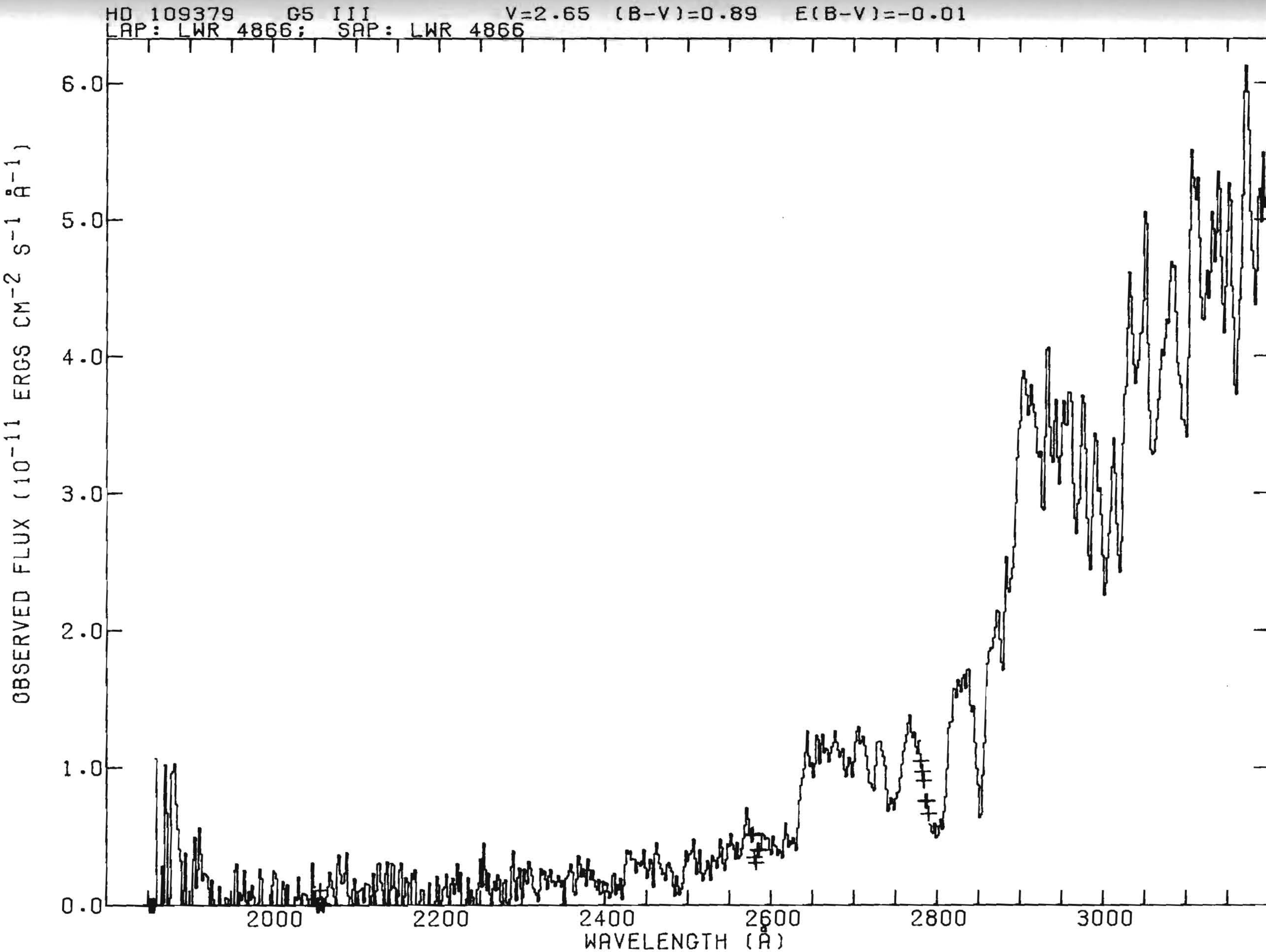


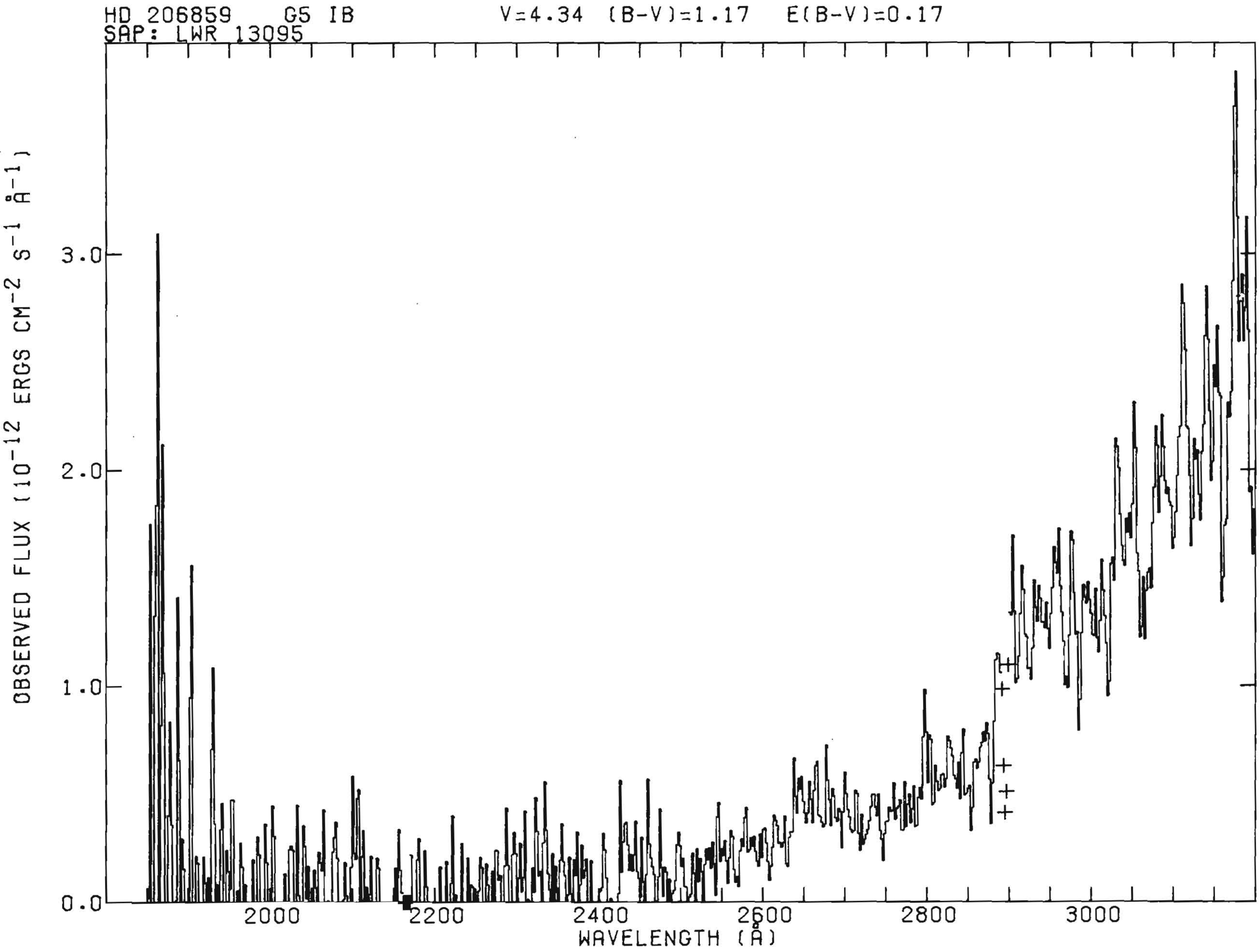
HD 161797 G5 IV V=3.42 (B-V)=0.75 E(B-V)=0.05
LAP: LWR 4121; SAP: LWR 4121
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
1.0
2.0
3.0
4.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 93497 G5 III V=2.69 (B-V)=0.90 E(B-V)=0.00
LAP: SWP 2338, SWP 2377, SWP 8212; SAP: SWP 8212
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
2.0
2.5
1200
1400
1600
1800
WAVELENGTH (Å)

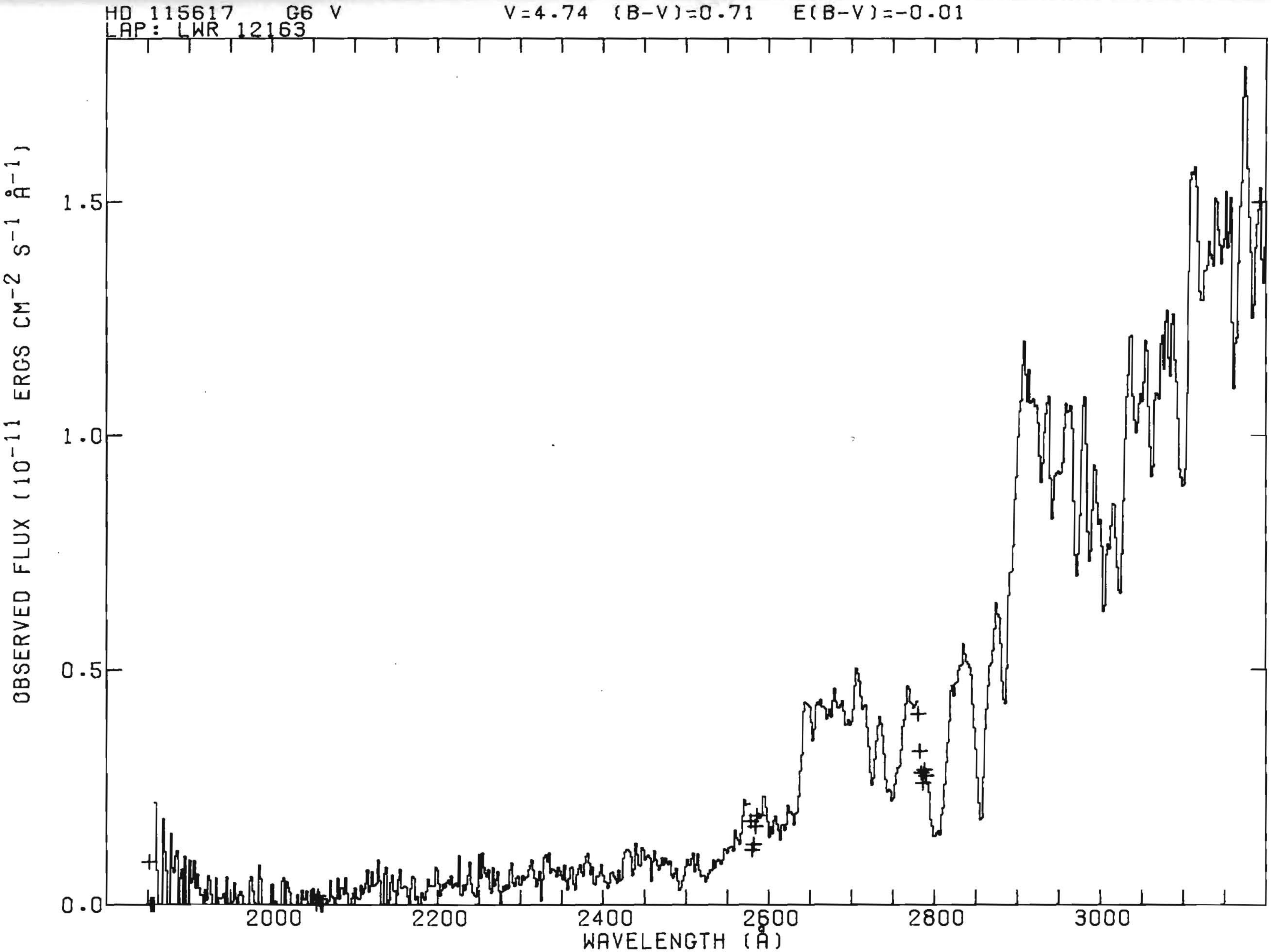

HD 93497 G5 III V=2.69 (B-V)=0.90 E(B-V)=0.00
LAP: LWR 4859; SAP: LWR 4859
OBSERVED FLUX (10^-11 ERGS CM^-2 S^-1 Å^-1)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

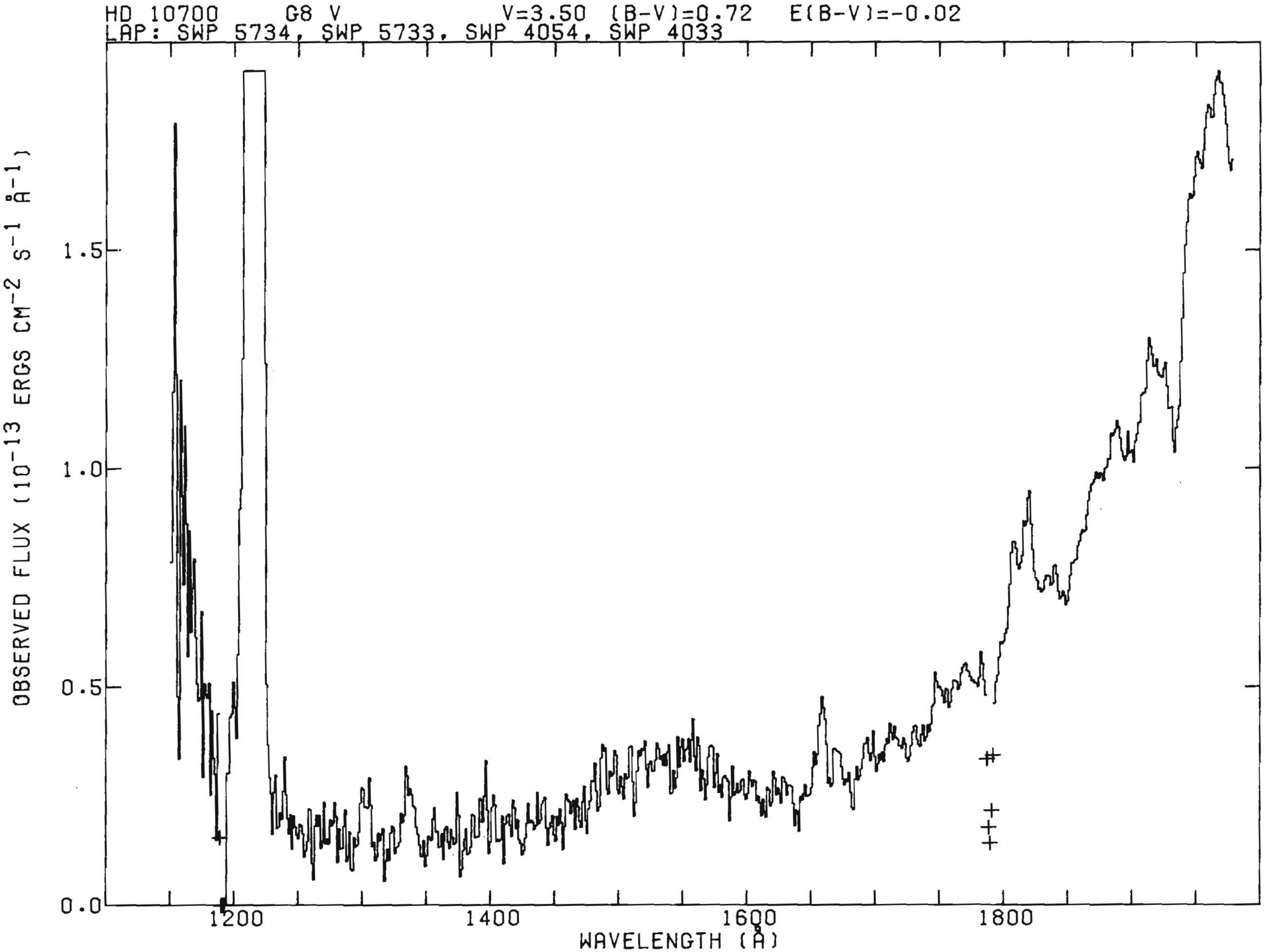

HD 109379 G5 III V=2.65 (B-V)=0.89 E(B-V)=-0.01
LAP: SWP 1571, SWP 1572, SWP 3585
OBSERVED FLUX (10^{-13} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
1200
1400
1600
1800

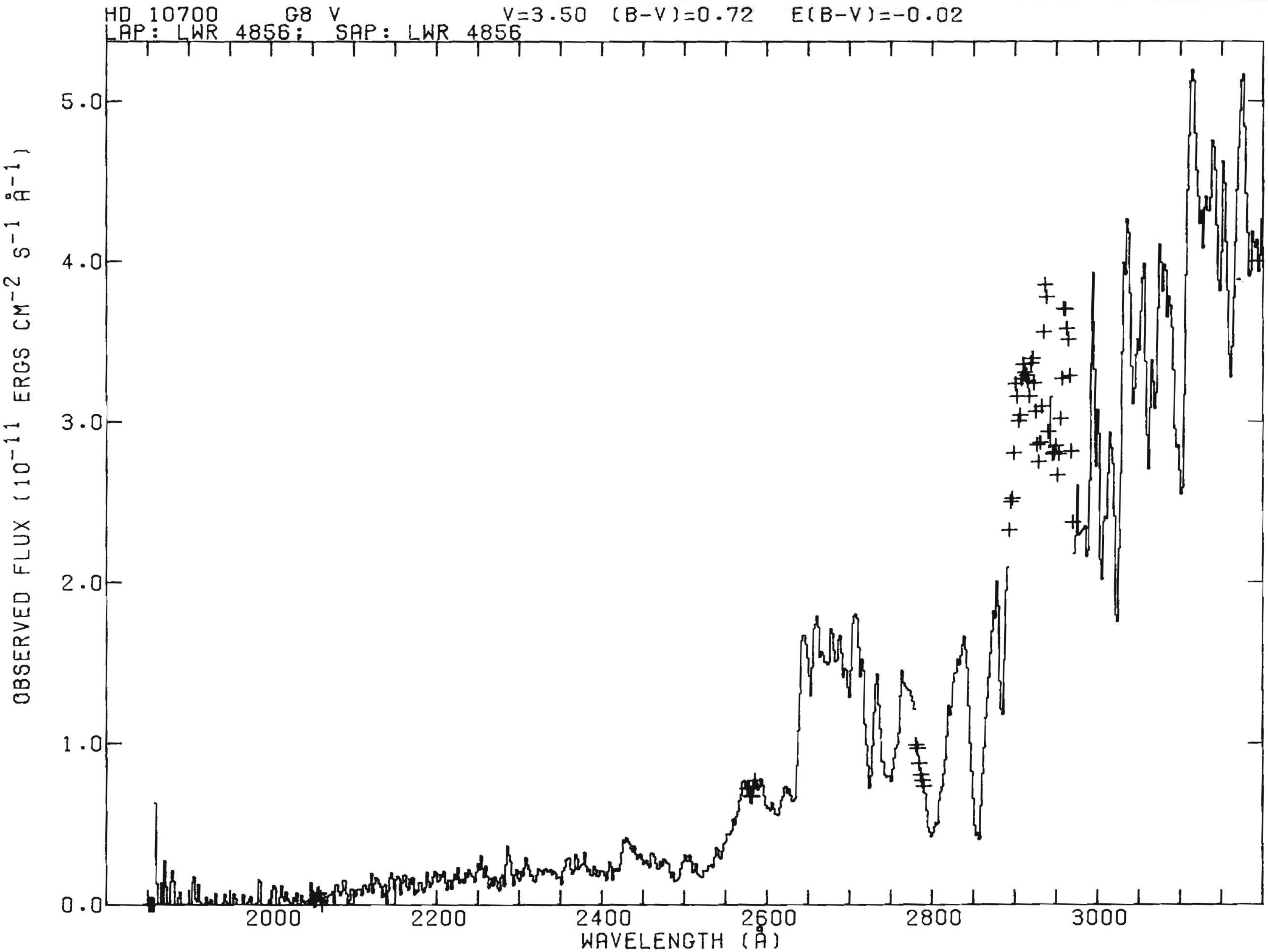

HD 109379 G5 III V=2.65 (B-V)=0.89 E(B-V)=-0.01
LAP: LWR 4866; SAP: LWR 4866
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

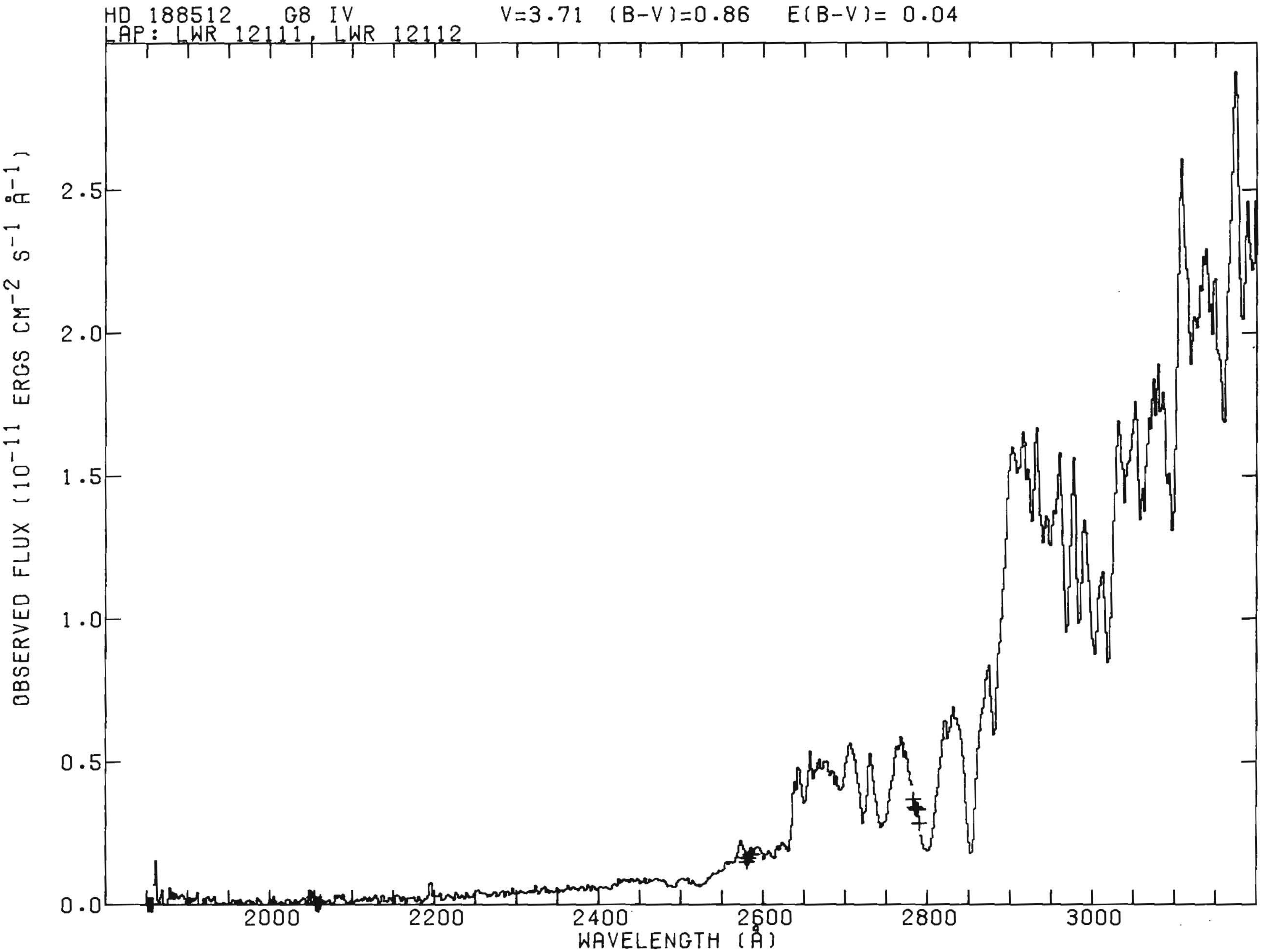


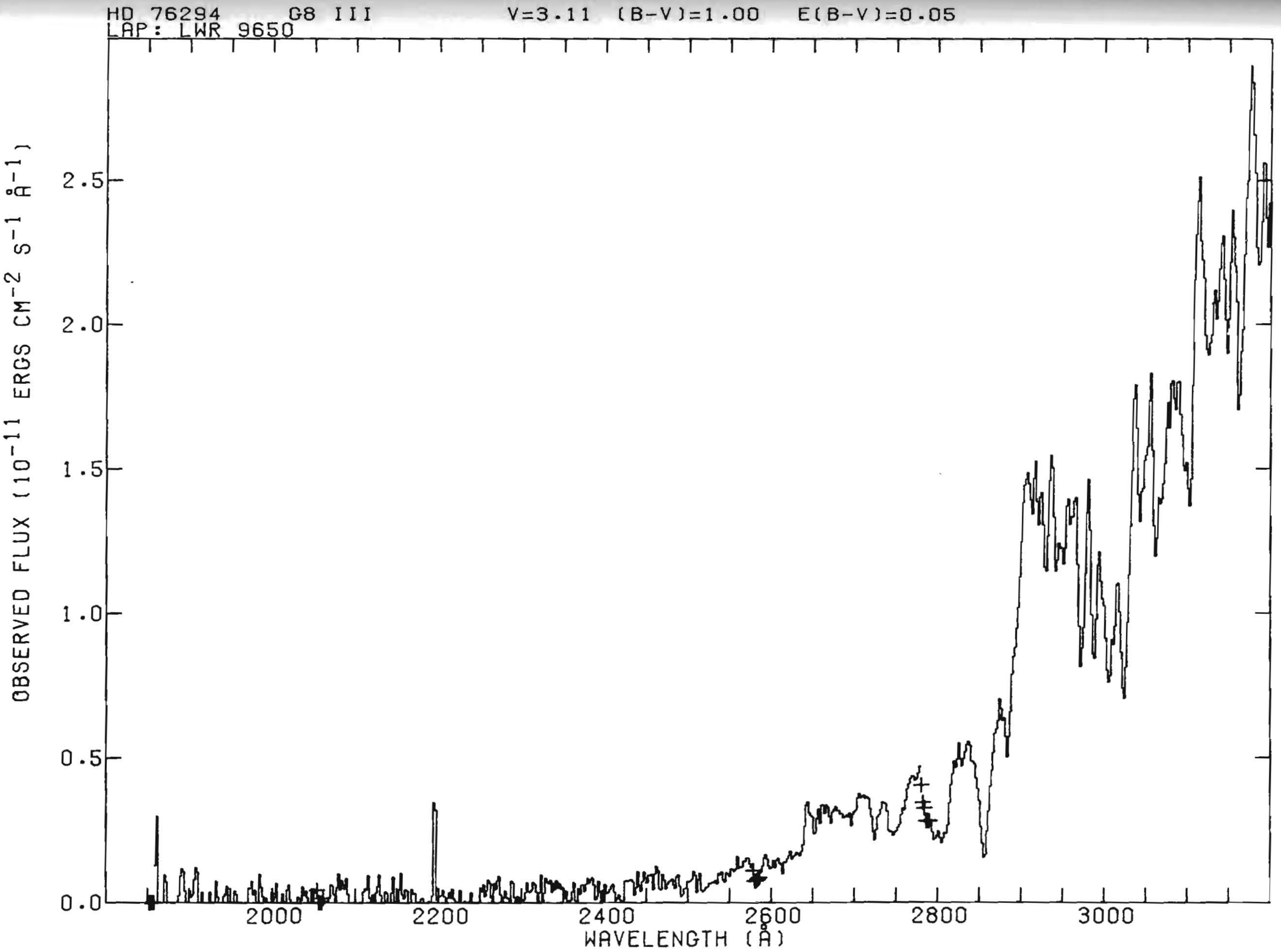
HD 206859 G5 IB V=4.34 (B-V)=1.17 E(B-V)=0.17
SAP: LWR 13095
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} Å^{-1})
0.0
1.0
2.0
3.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

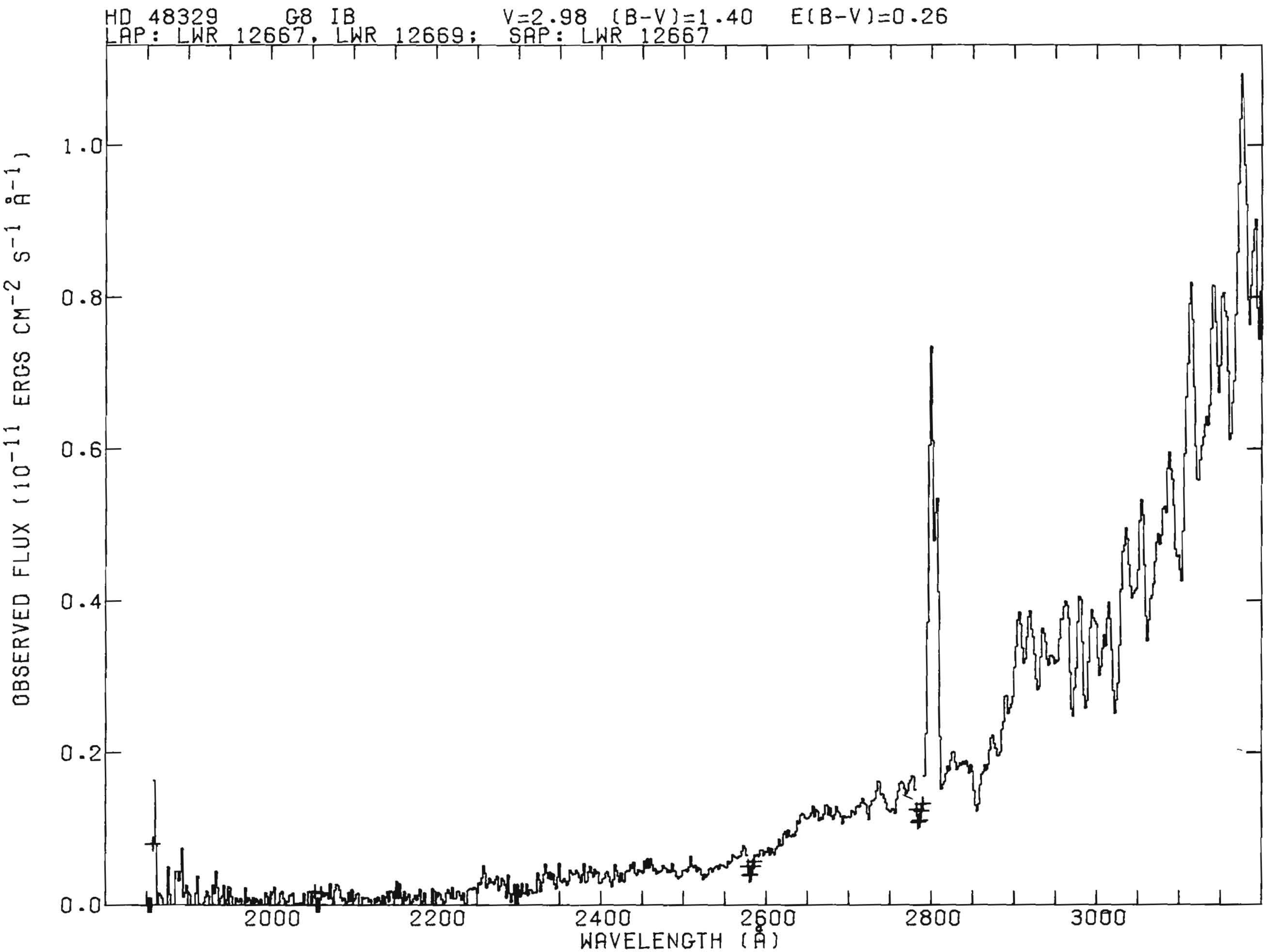

HD 115617 G6 V V=4.74 (B-V)=0.71 E(B-V)=-0.01
LAP: LWR 12163
OBSERVED FLUX (10⁻¹¹ ERGS CM⁻² S⁻¹ Å⁻¹)
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

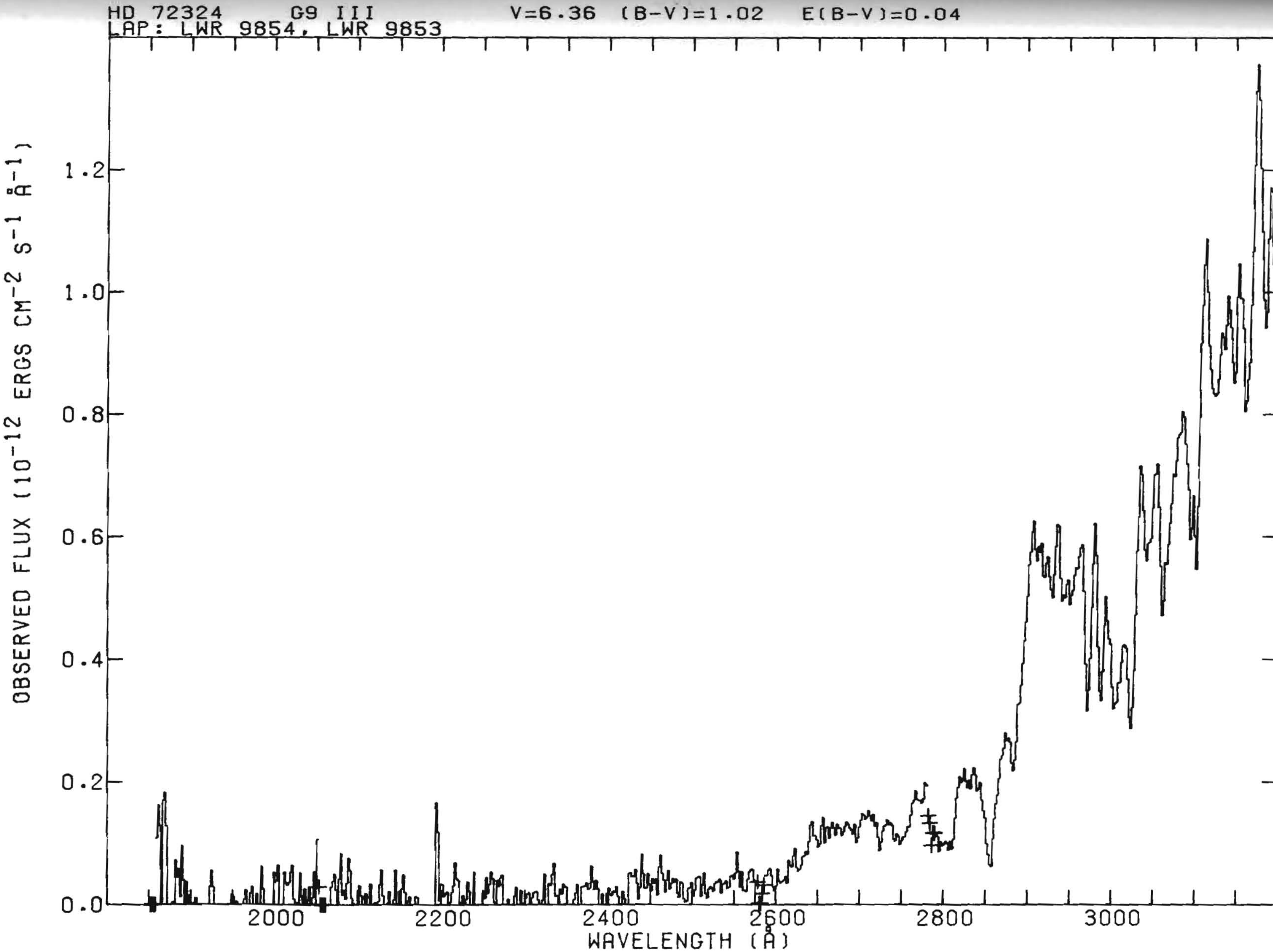

HD 10700 G8 V V=3.50 (B-V)=0.72 E(B-V)=-0.02
LAP: SWP 5734, SWP 5733, SWP 4054, SWP 4033
OBSERVED FLUX (10^{-13} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
1200
1400
1600
1800
WAVELENGTH (Å)

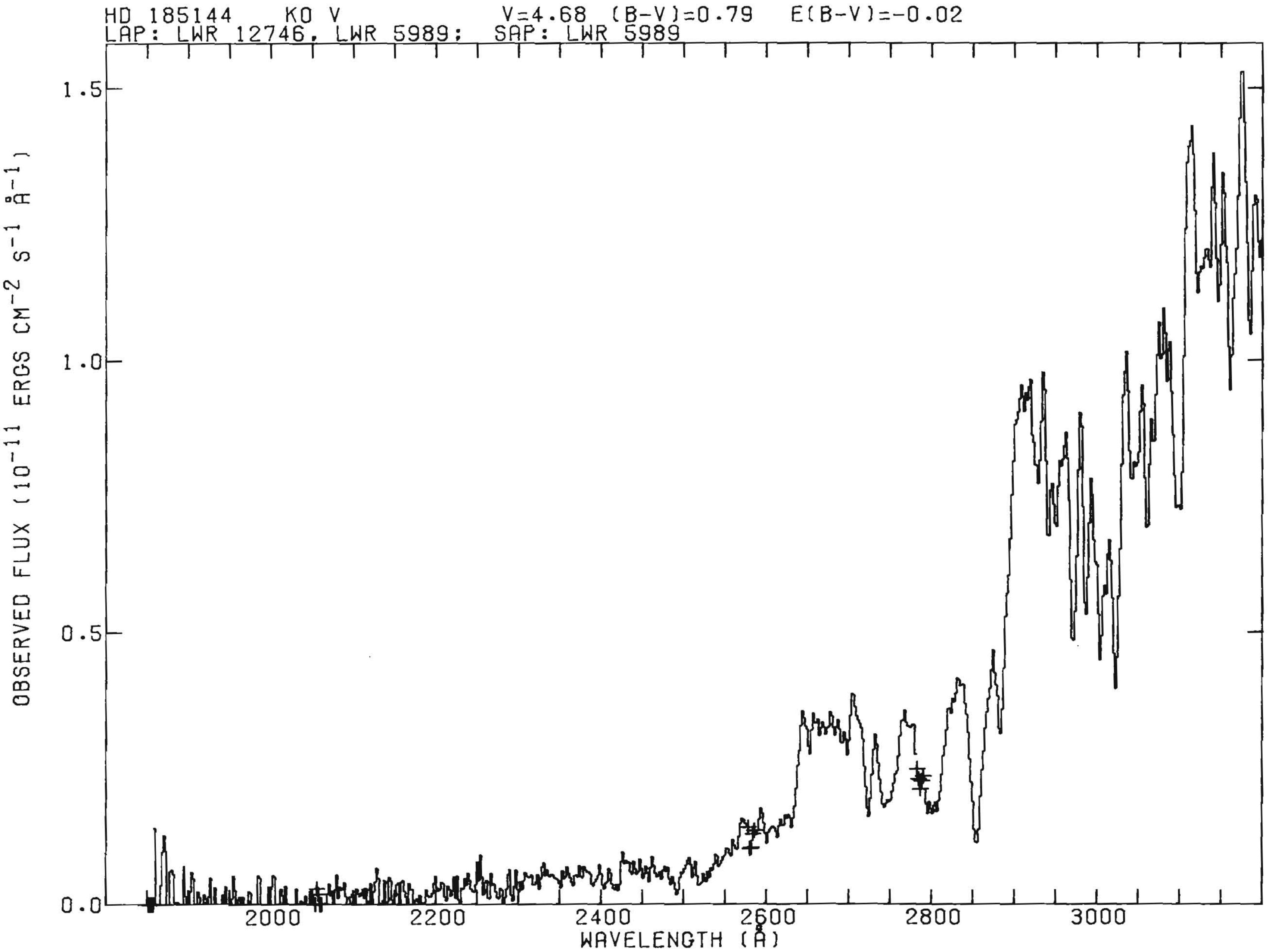

HD 10700 G8 V V=3.50 (B-V)=0.72 E(B-V)=-0.02
LAP: LWR 4856; SAP: LWR 4856
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
1.0
2.0
3.0
4.0
5.0
2000
2200
2400
2600
2800
3000

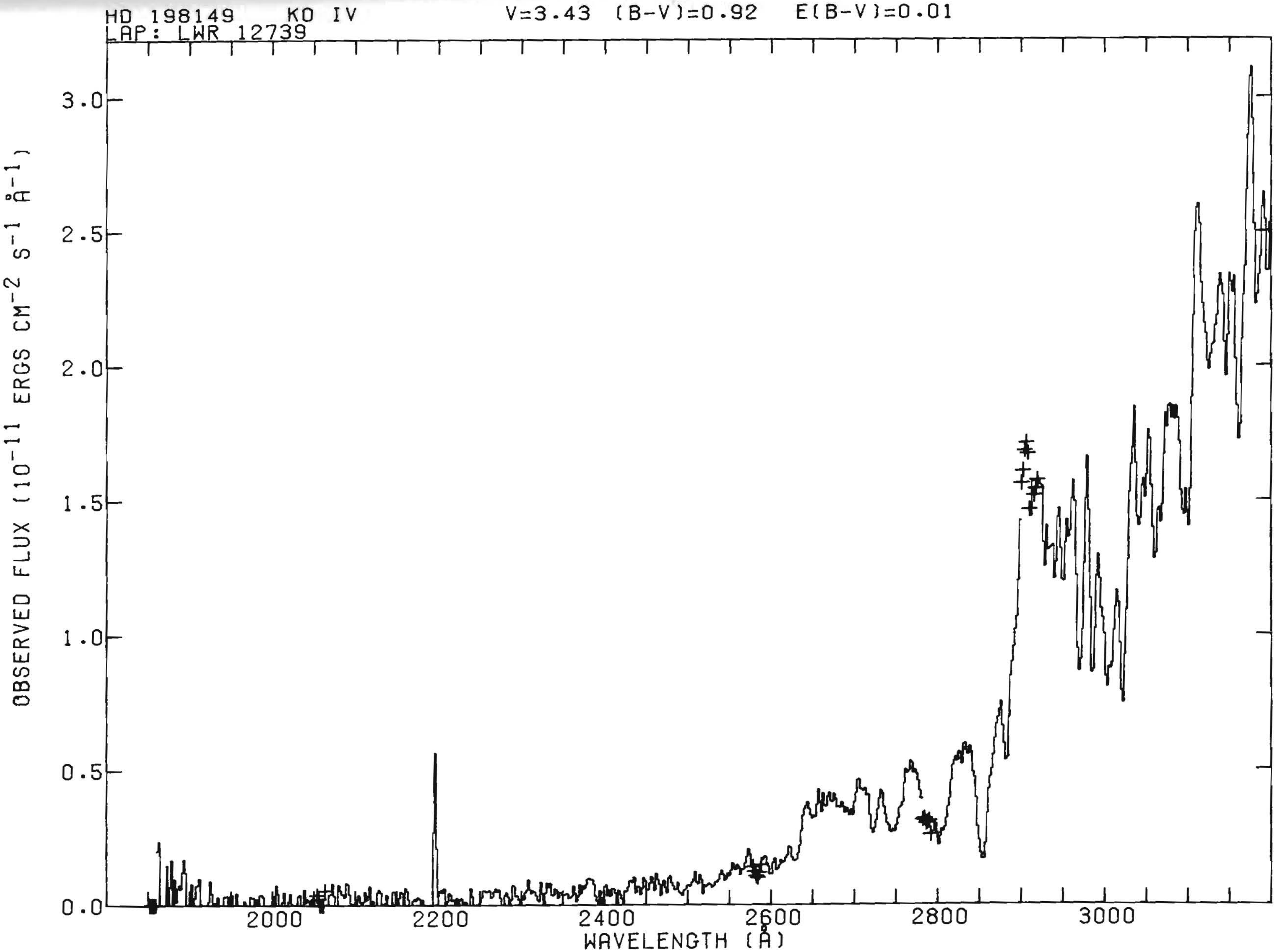

HD 188512 G8 IV V=3.71 (B-V)=0.86 E(B-V)= 0.04
LAP: LWR 12111, LWR 12112
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
2.0
2.5
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 76294 G8 III V=3.11 (B-V)=1.00 E(B-V)=0.05
LAP: LWR 9650
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
2.0
2.5
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

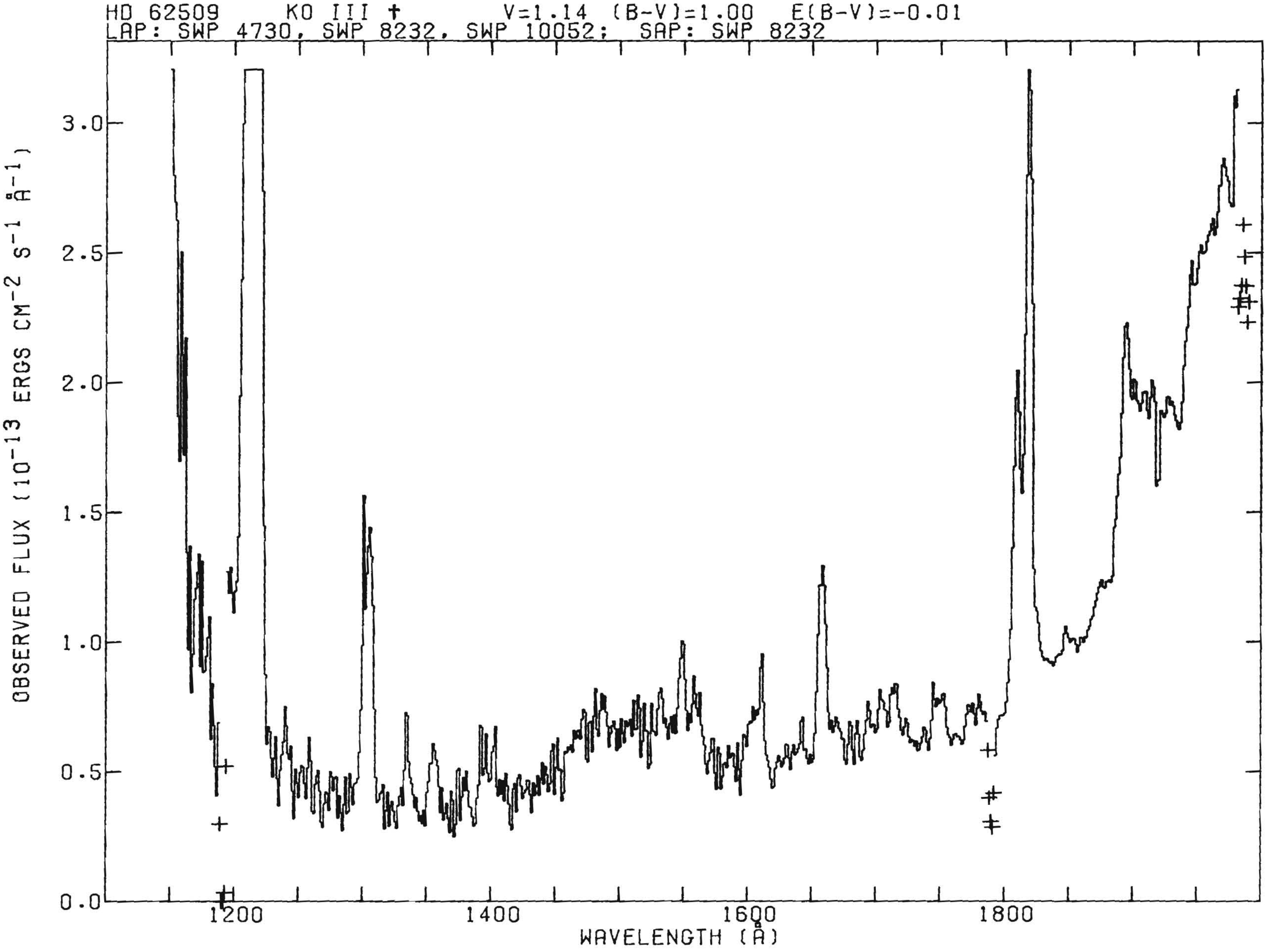

HD 48329 G8 IB V=2.98 (B-V)=1.40 E(B-V)=0.26
LAP: LWR 12667, LWR 12669; SAP: LWR 12667
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} Å^{-1})
0.0
0.2
0.4
0.6
0.8
1.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

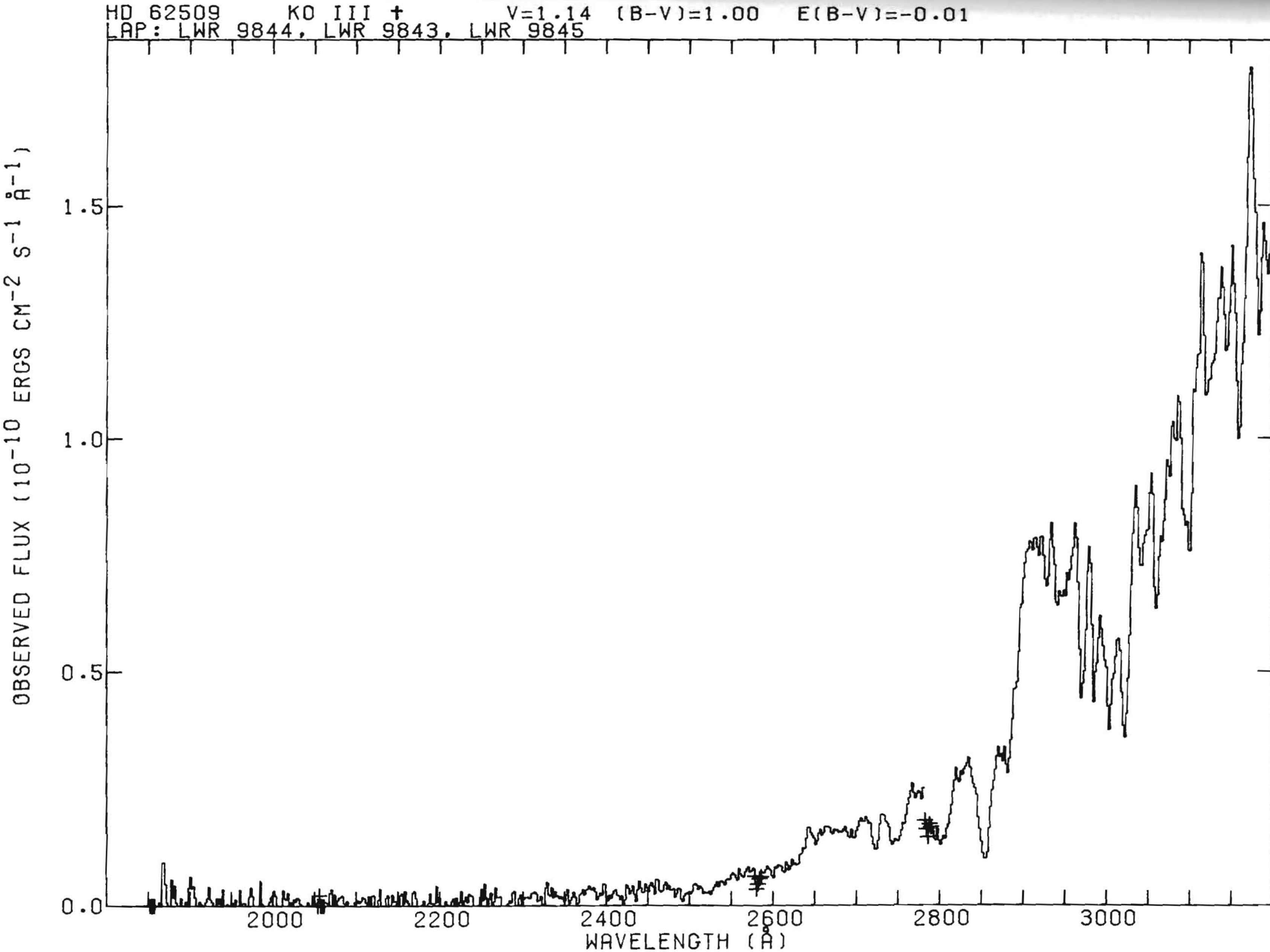

HD 72324 G9 III V=6.36 (B-V)=1.02 E(B-V)=0.04
LAP: LWR 9854, LWR 9853
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

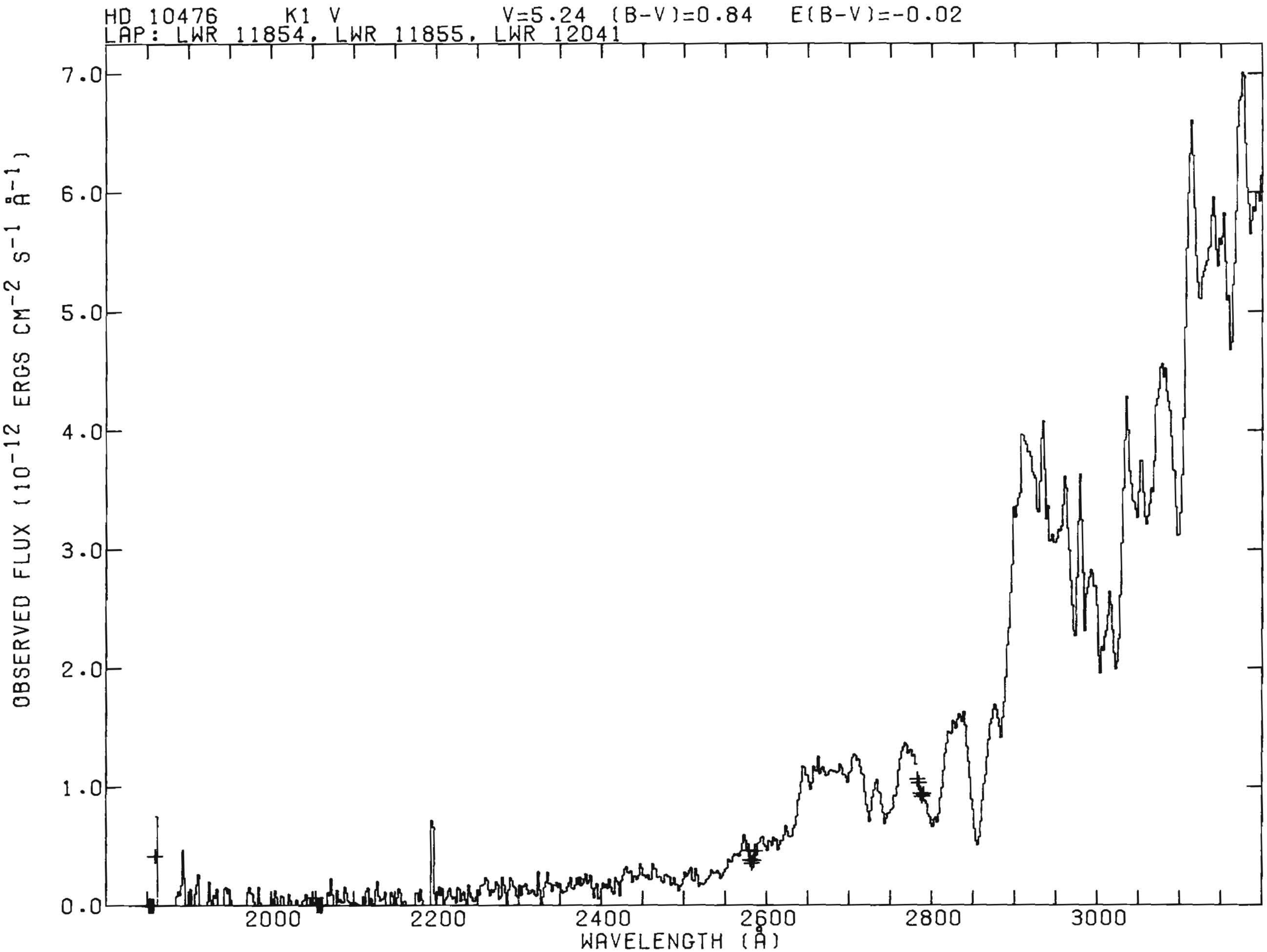

HD 185144 K0 V V=4.68 (B-V)=0.79 E(B-V)=-0.02
LAP: LWR 12746, LWR 5989; SAP: LWR 5989
OBSERVED FLUX (10^-11 ERGS CM^-2 S^-1 Å^-1)
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

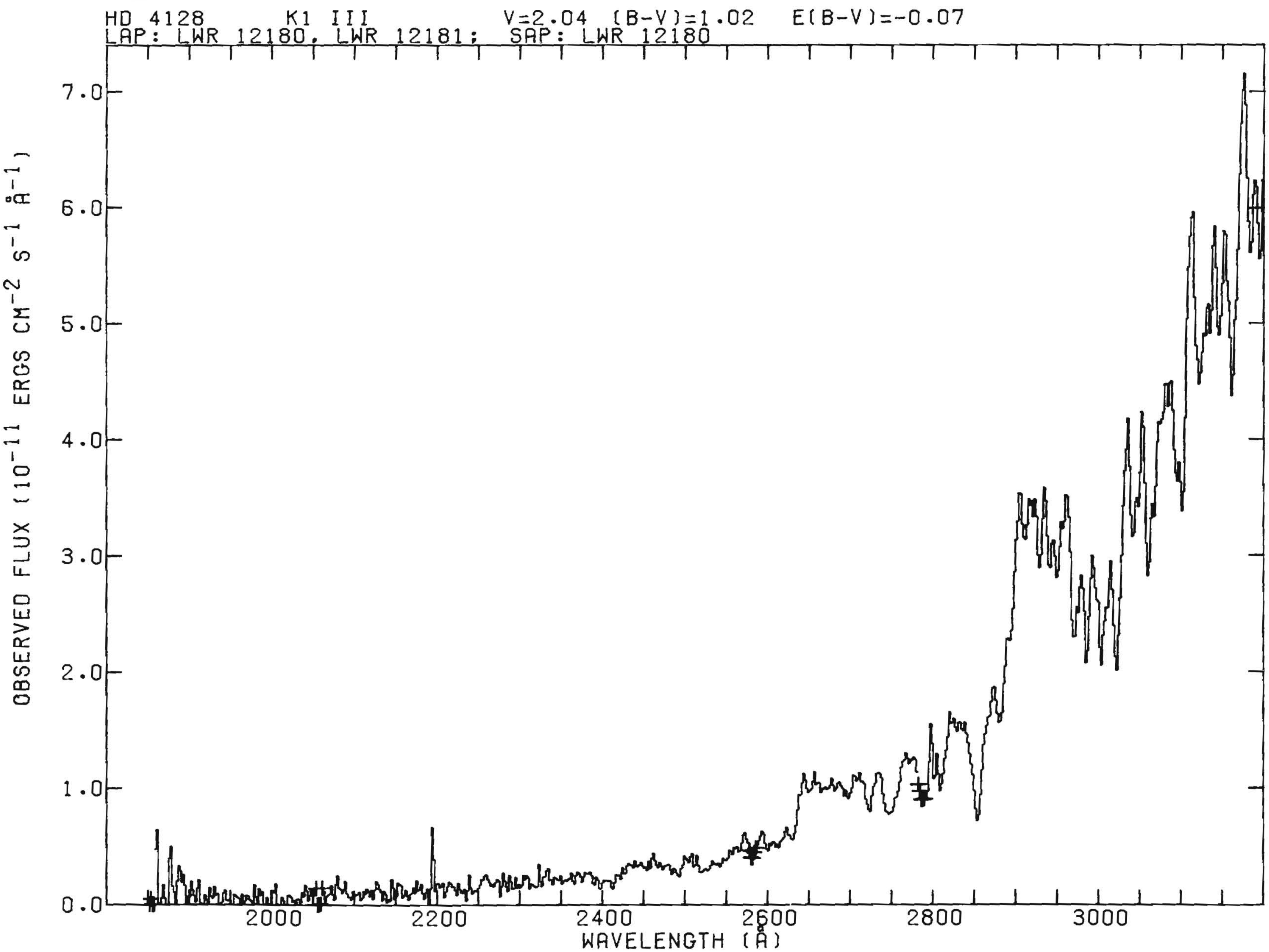


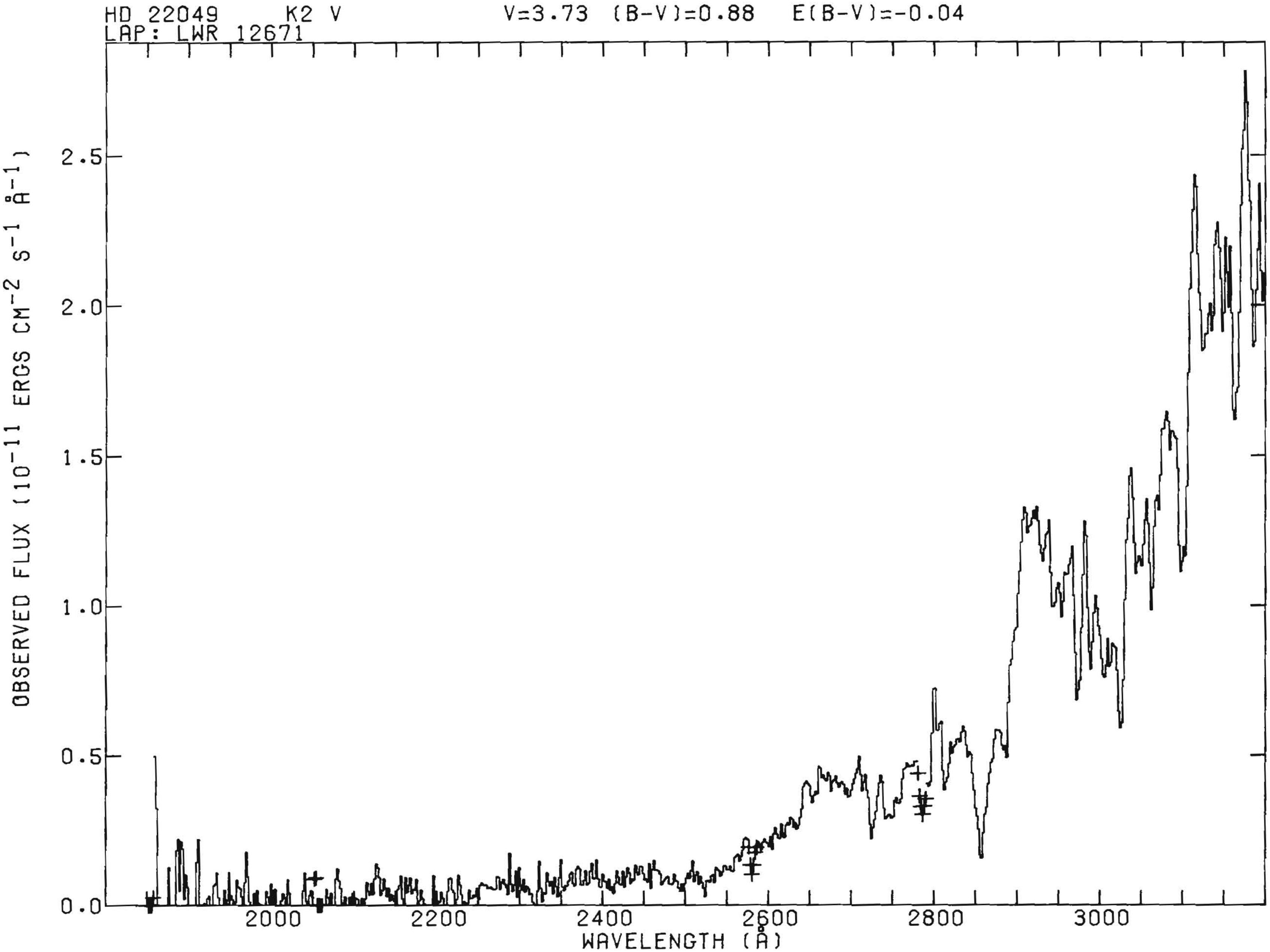
HD 198149 K0 IV V=3.43 (B-V)=0.92 E(B-V)=0.01
LAP: LWR 12739
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
2000
2200
2400
2600
2800
3000

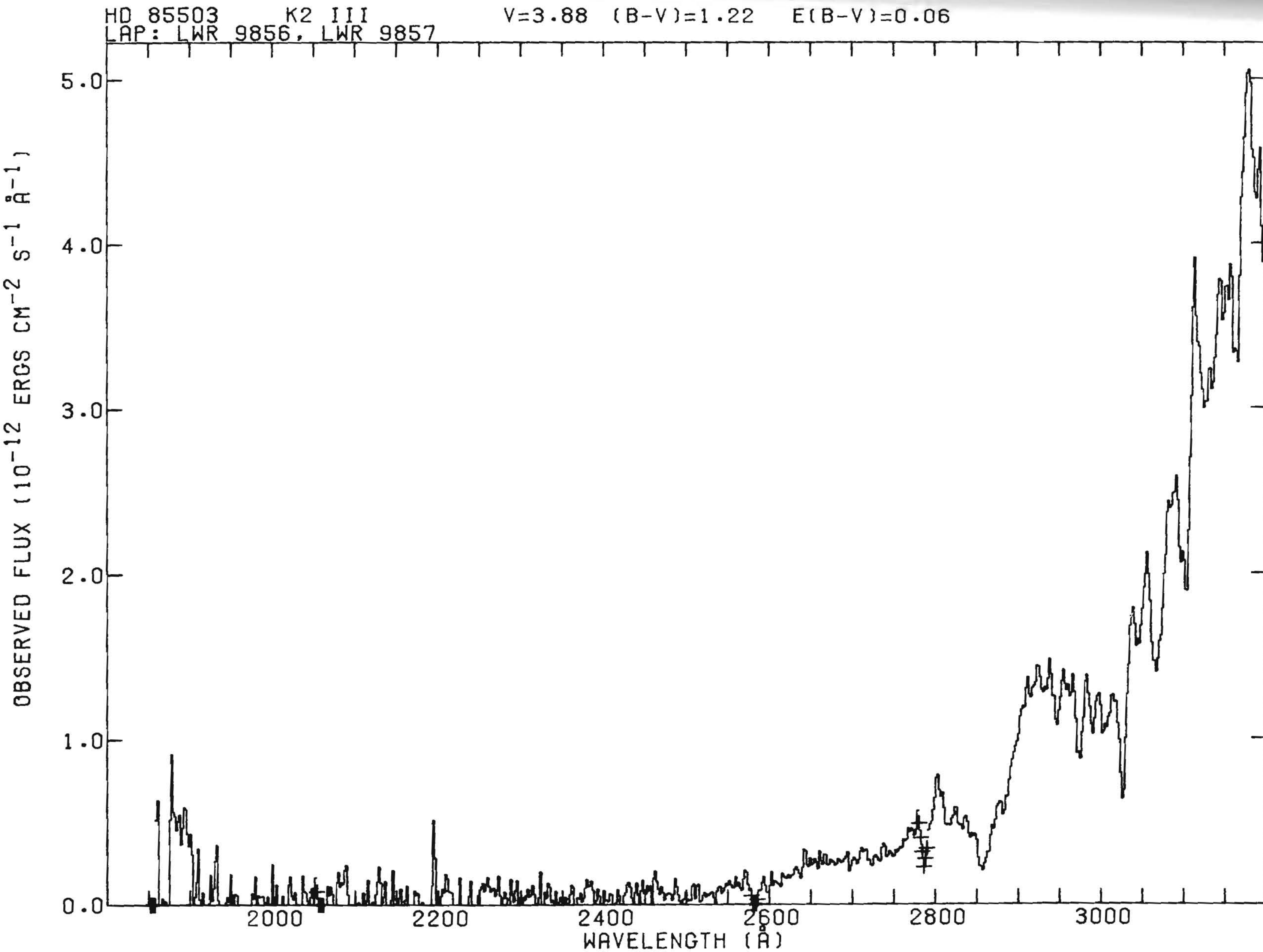

HD 62509 K0 III + V=1.14 (B-V)=1.00 E(B-V)=-0.01
LAP: SWP 4730, SWP 8232, SWP 10052; SAP: SWP 8232
OBSERVED FLUX (10^{-13} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
1200
1400
1600
1800
WAVELENGTH (Å)

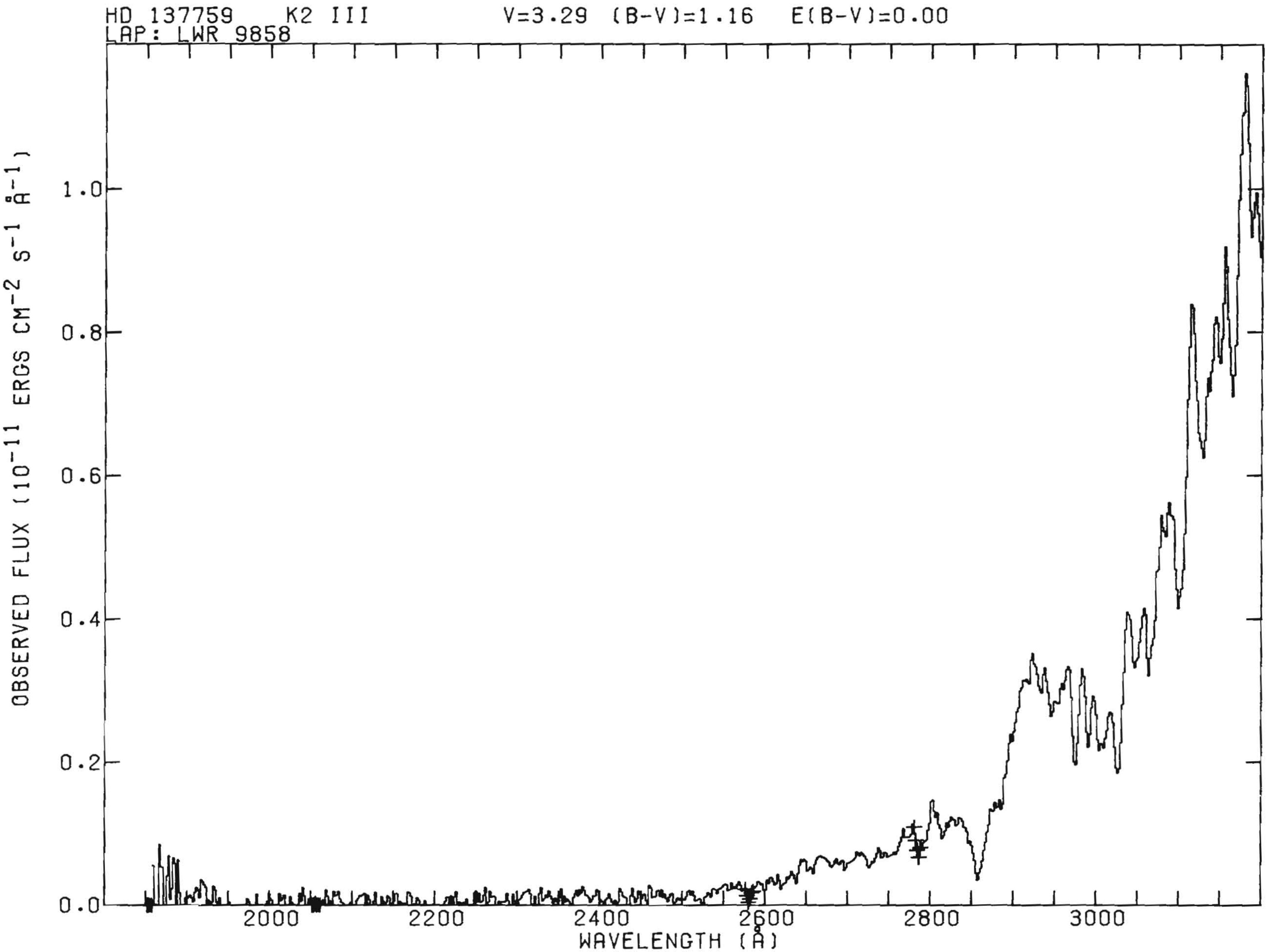

HD 62509 K0 III + V=1.14 (B-V)=1.00 E(B-V)=-0.01
LAP: LWR 9844, LWR 9843, LWR 9845
OBSERVED FLUX (10^{-10} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

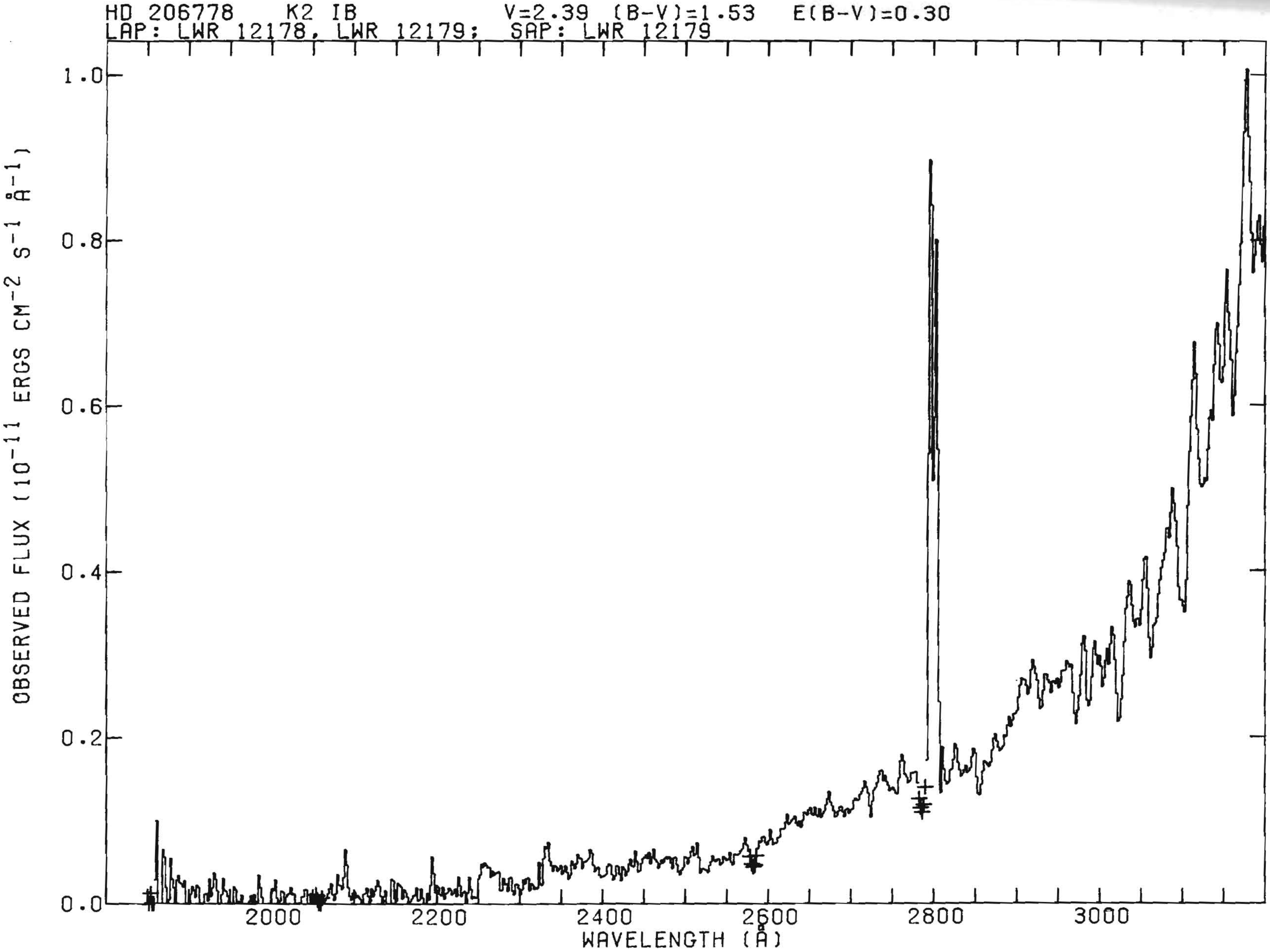

HD 10476 K1 V V=5.24 (B-V)=0.84 E(B-V)=-0.02
LAP: LWR 11854, LWR 11855, LWR 12041
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

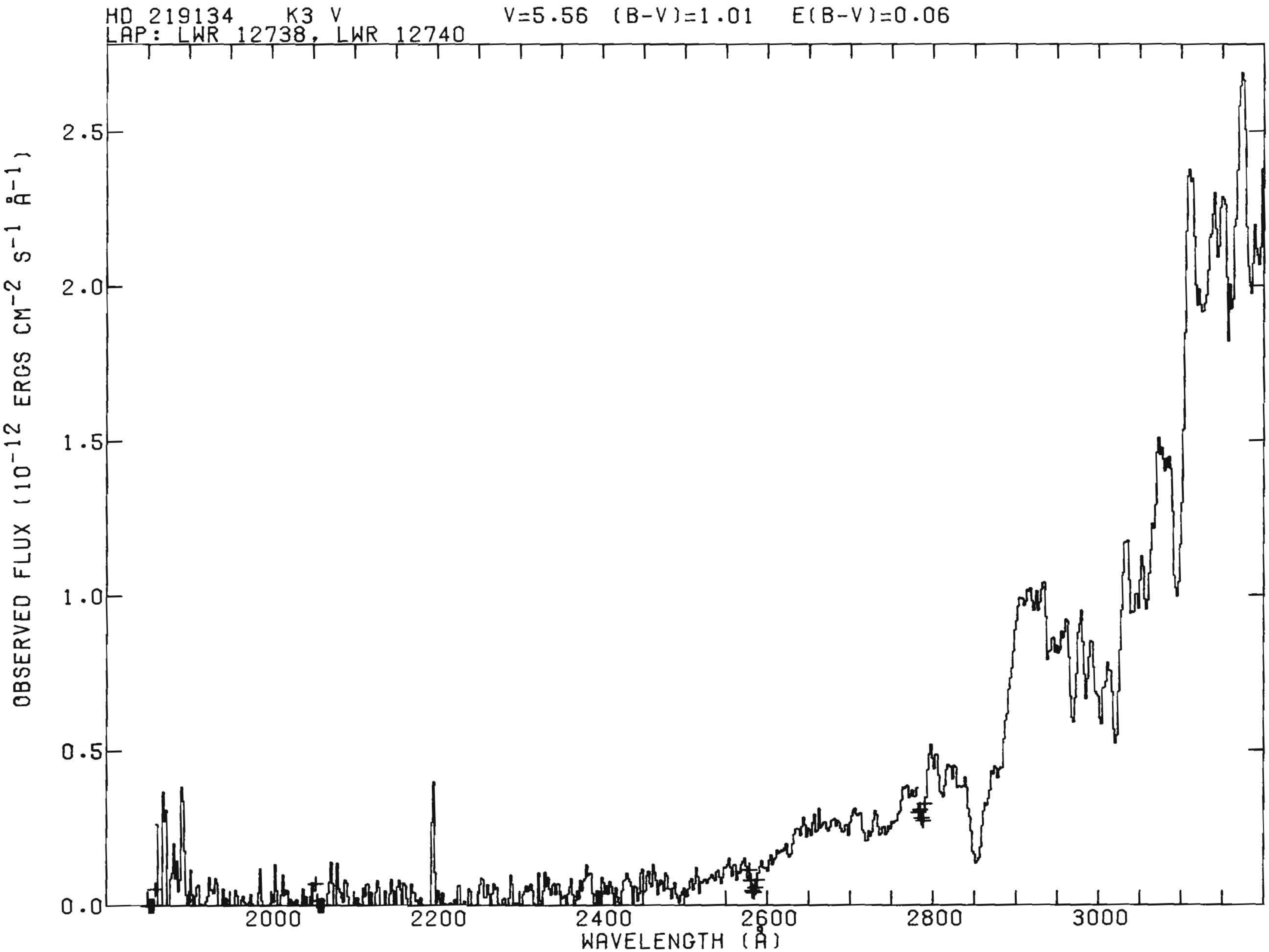

HD 4128 K1 III V=2.04 (B-V)=1.02 E(B-V)=-0.07
LAP: LWR 12180, LWR 12181; SAP: LWR 12180
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

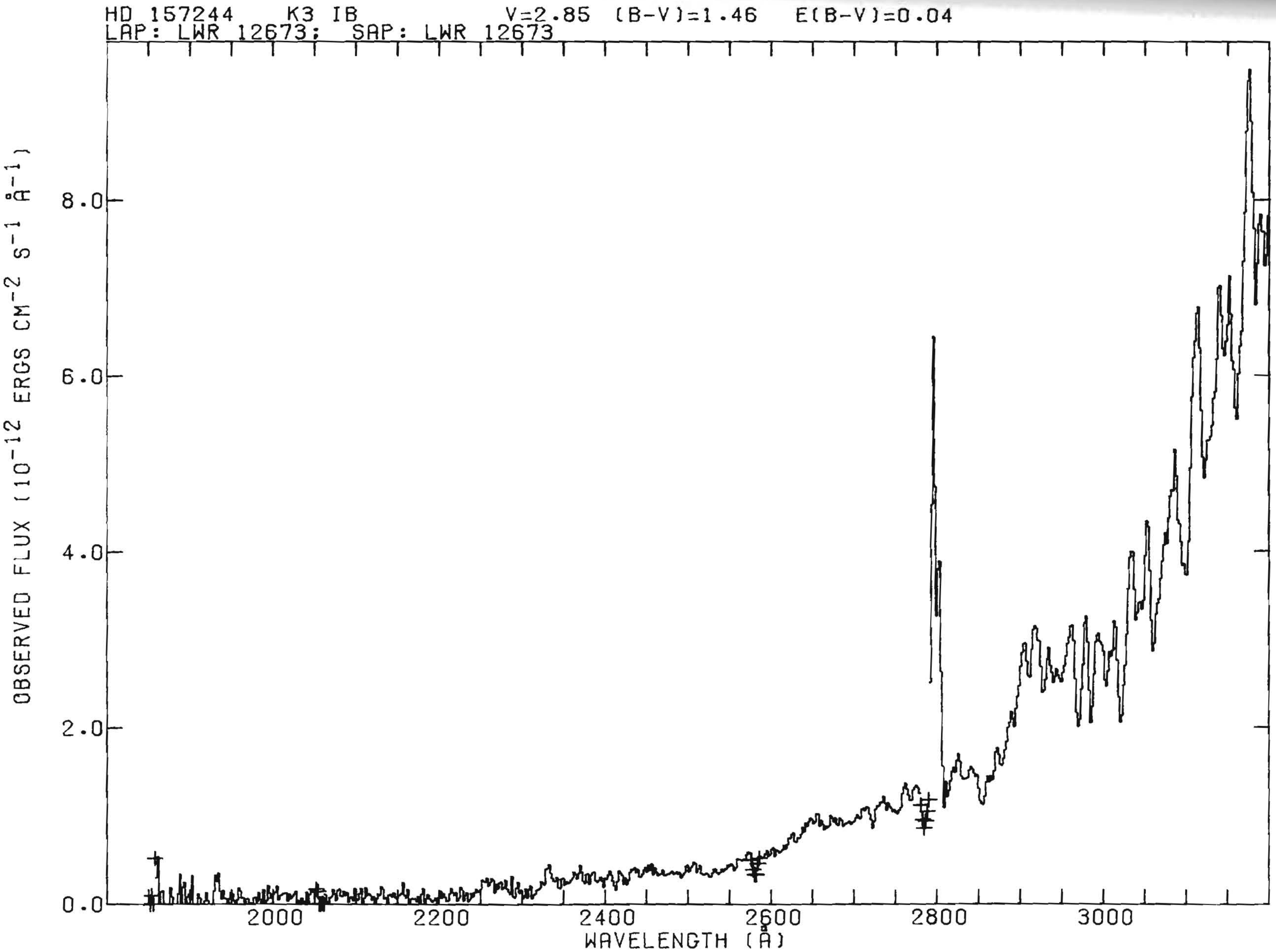

HD 22049 K2 V V=3.73 (B-V)=0.88 E(B-V)=-0.04
LAP: LWR 12671
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
2.5
2.0
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

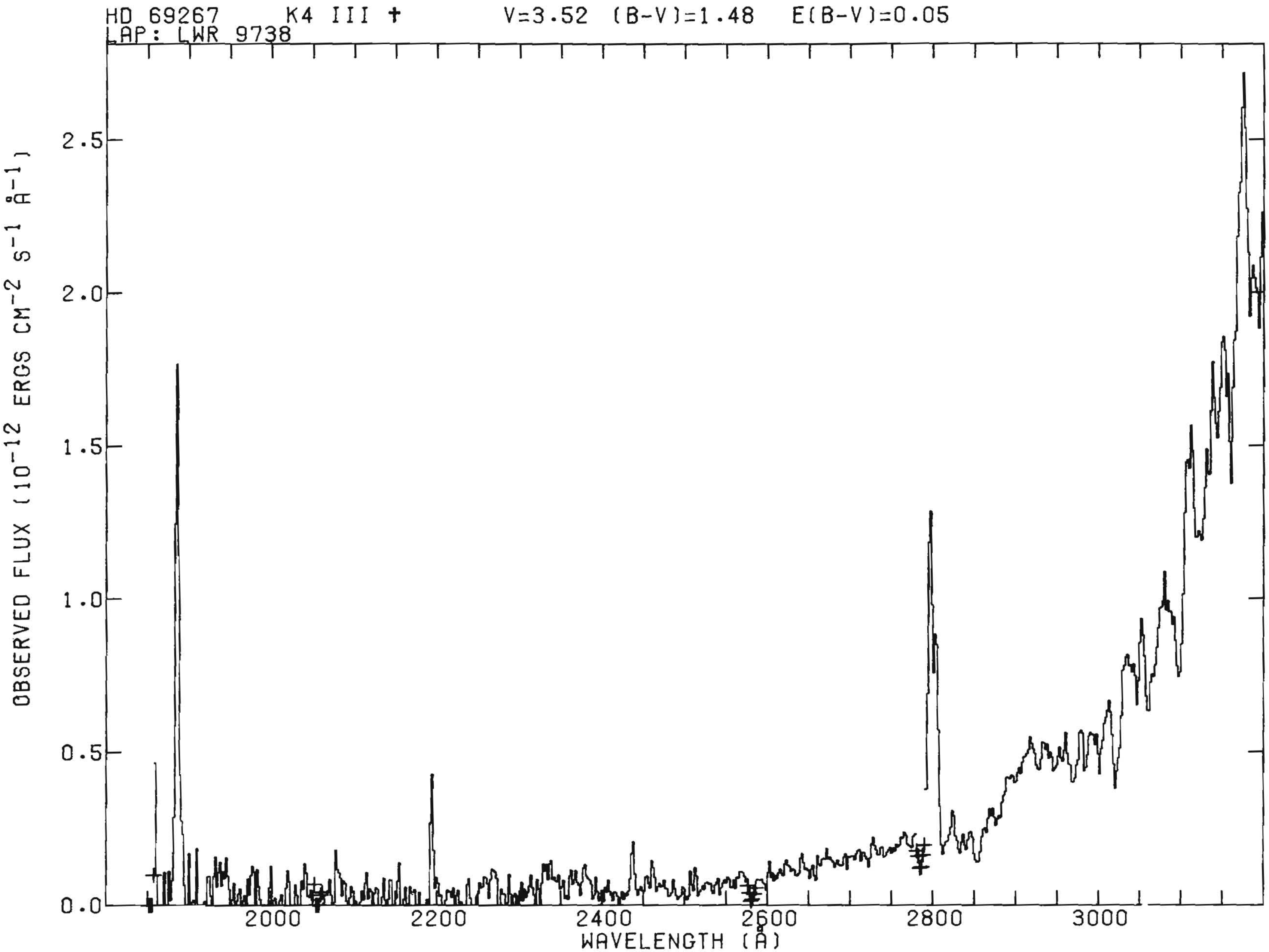

HD 85503 K2 III V=3.88 (B-V)=1.22 E(B-V)=0.06
LAP: LWR 9856, LWR 9857
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
5.0
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 137759 K2 III V=3.29 (B-V)=1.16 E(B-V)=0.00
LAP: LWR 9858
OBSERVED FLUX (10^-11 ERGS CM^-2 S^-1 Å^-1)
0.0
0.2
0.4
0.6
0.8
1.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

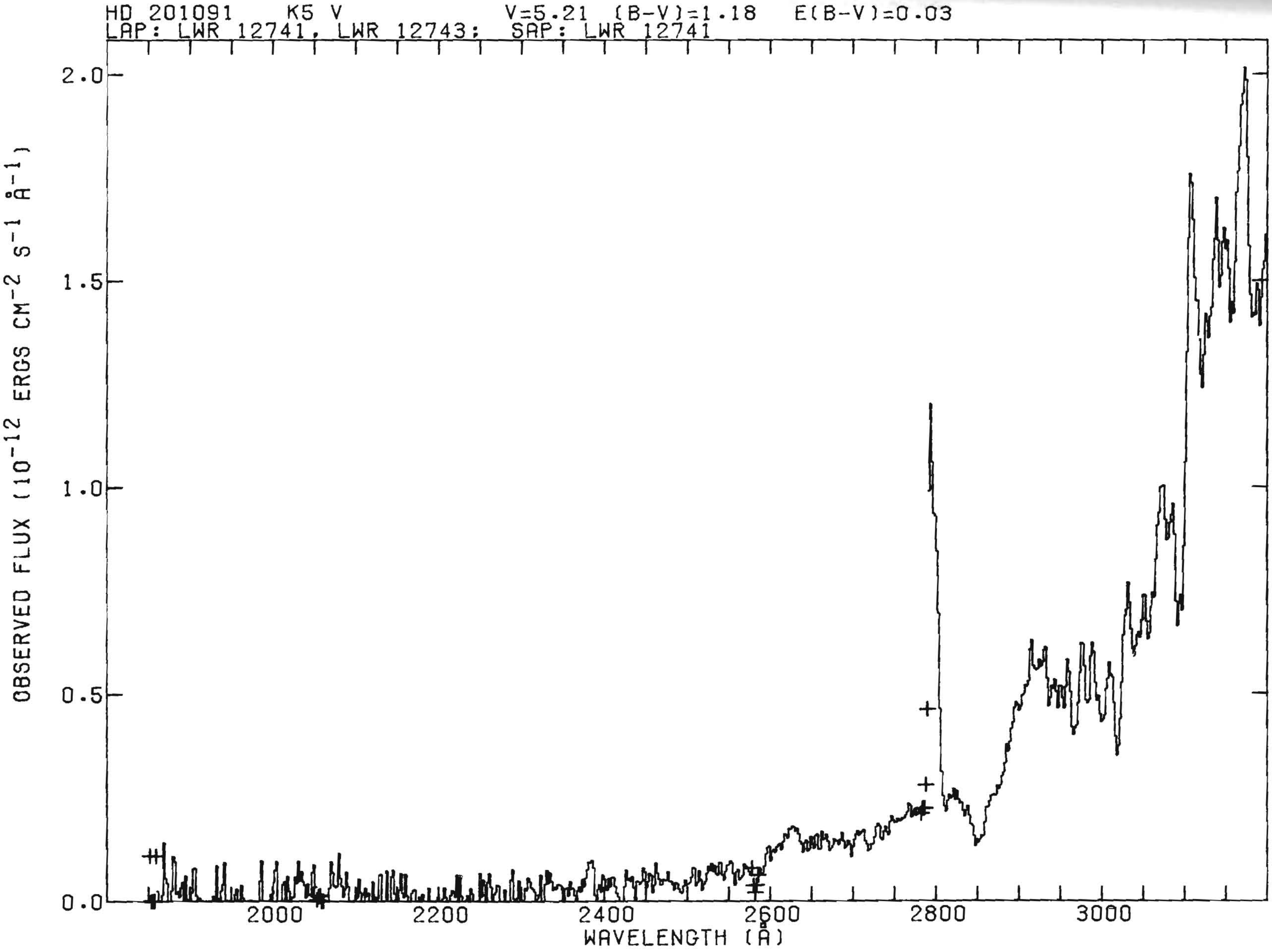

HD 206778 K2 IB V=2.39 (B-V)=1.53 E(B-V)=0.30
LAP: LWR 12178, LWR 12179; SAP: LWR 12179
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} Å^{-1})
WAVELENGTH (Å)
0.0
0.2
0.4
0.6
0.8
1.0
2000
2200
2400
2600
2800
3000


HD 219134 K3 V V=5.56 (B-V)=1.01 E(B-V)=0.06
LAP: LWR 12738, LWR 12740
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
0.5
1.0
1.5
2.0
2.5
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

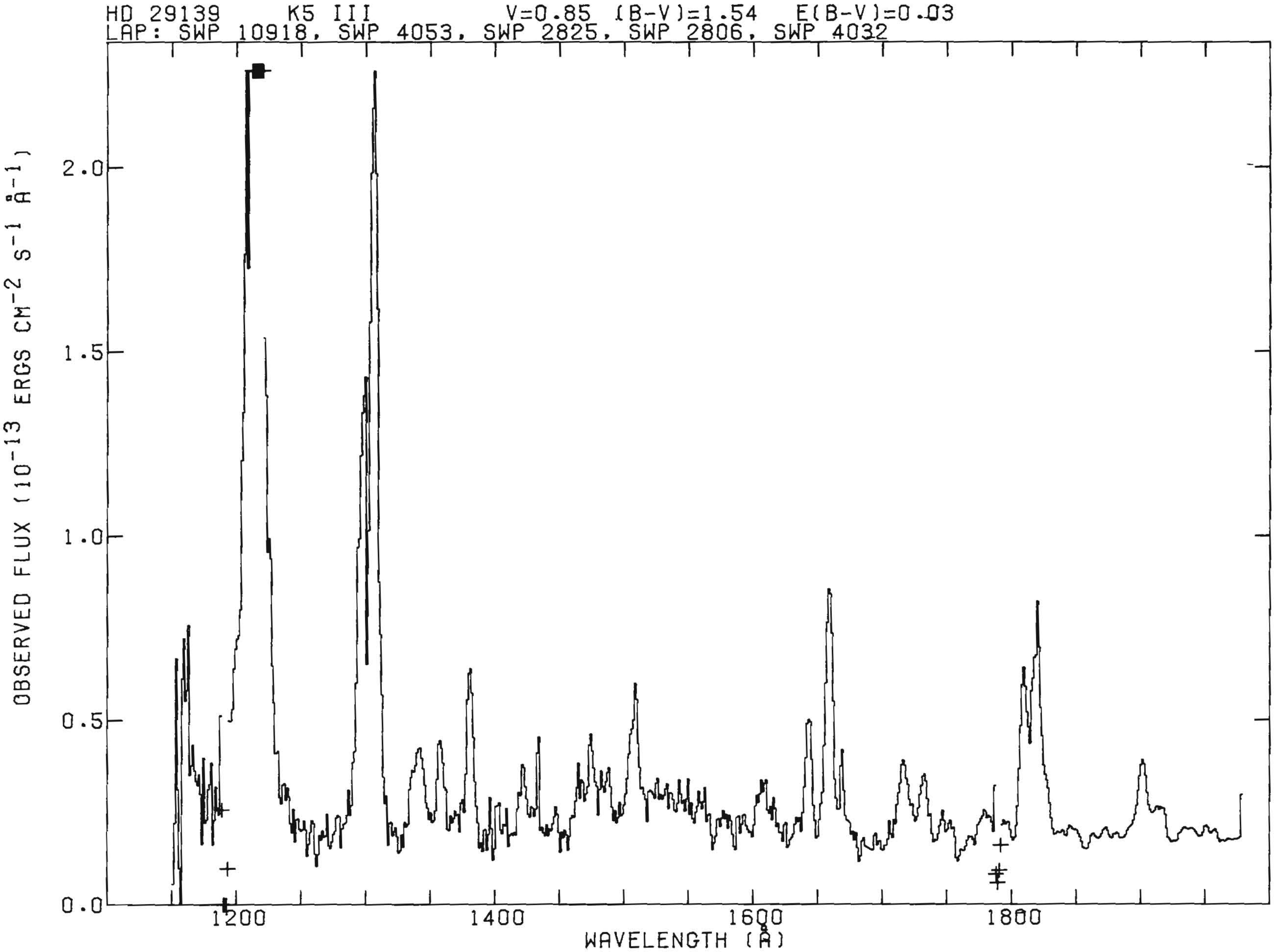

HD 157244 K3 IB V=2.85 (B-V)=1.46 E(B-V)=0.04
LAP: LWR 12673; SAP: LWR 12673
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
0.0
2.0
4.0
6.0
8.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

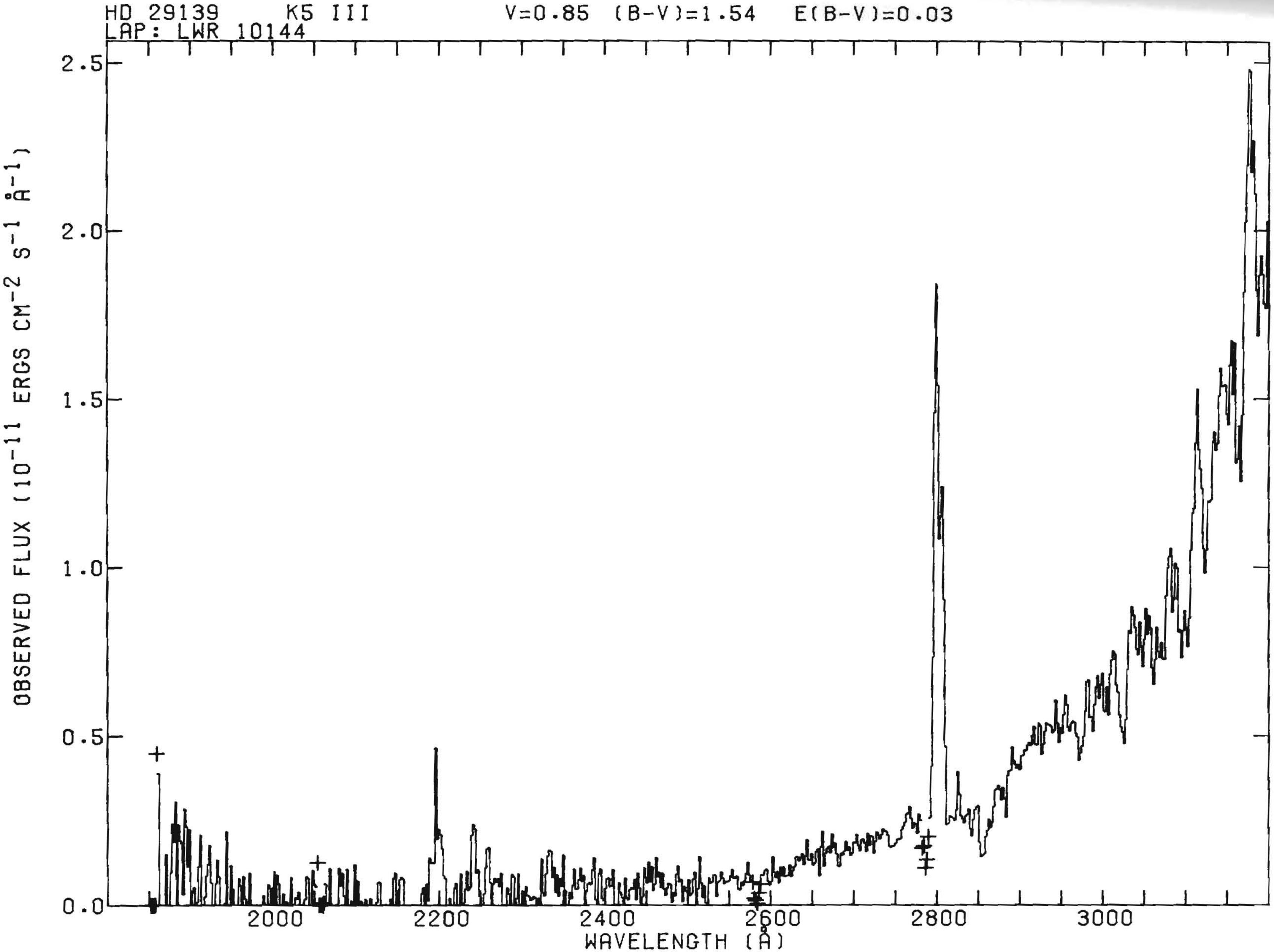


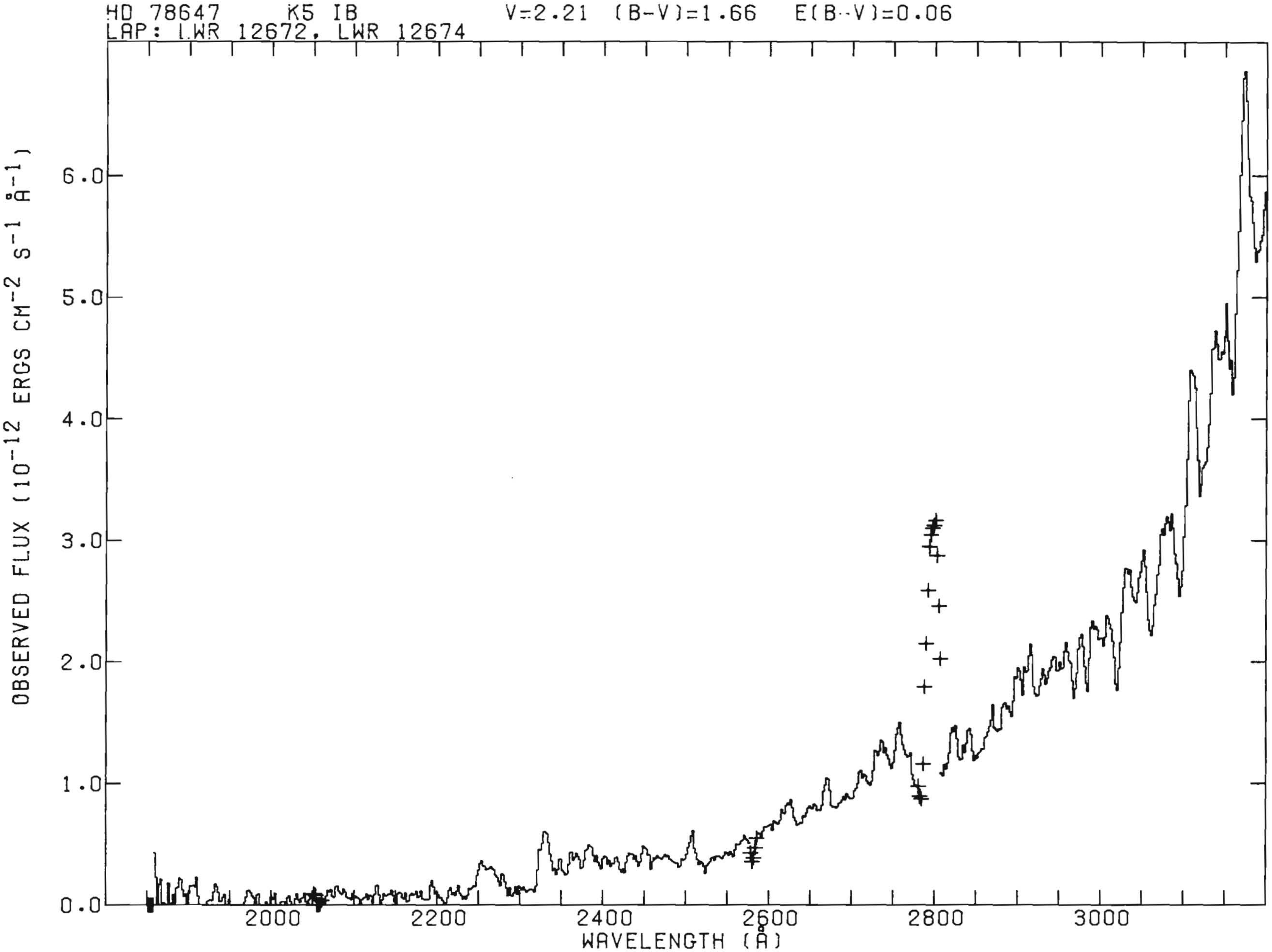
HD 69267 K4 III † V=3.52 (B-V)=1.48 E(B-V)=0.05
LAP: LWR 9738
OBSERVED FLUX (10^-12 ERGS CM^-2 s^-1 Å^-1)
0.0
0.5
1.0
1.5
2.0
2.5
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

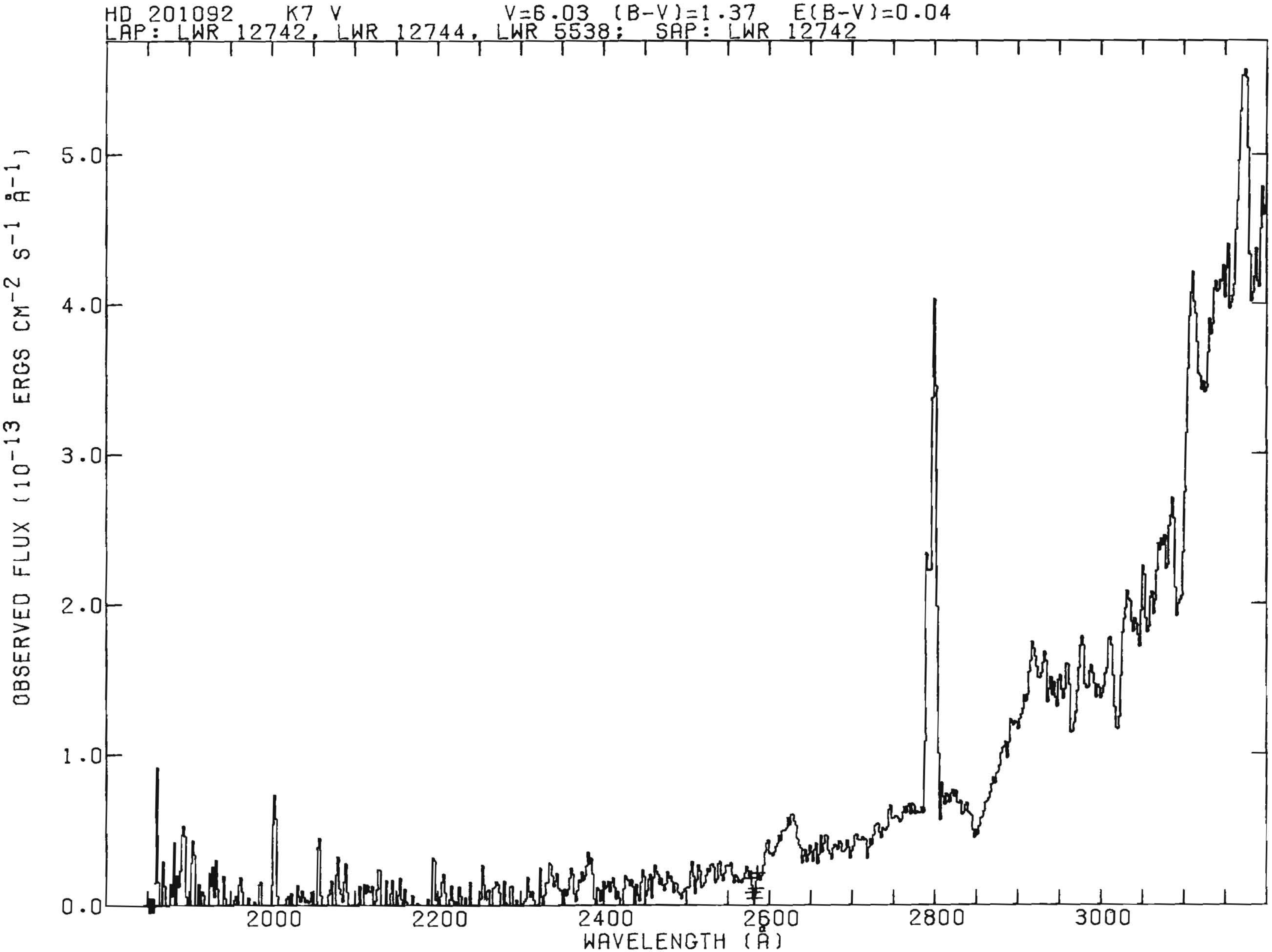


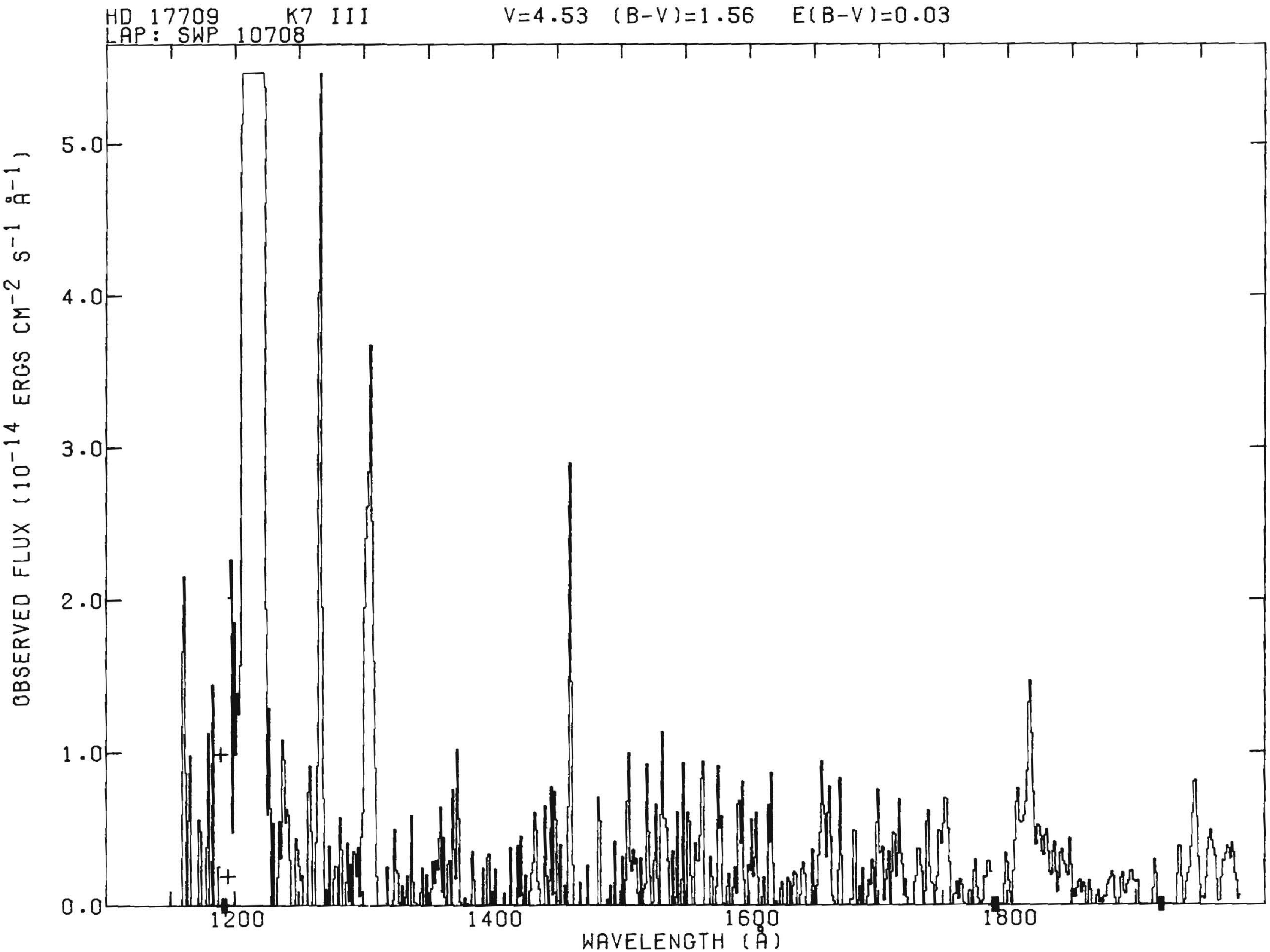
HD 201091 K5 V V=5.21 (B-V)=1.18 E(B-V)=0.03
LAP: LWR 12741, LWR 12743; SAP: LWR 12741
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
2.0
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

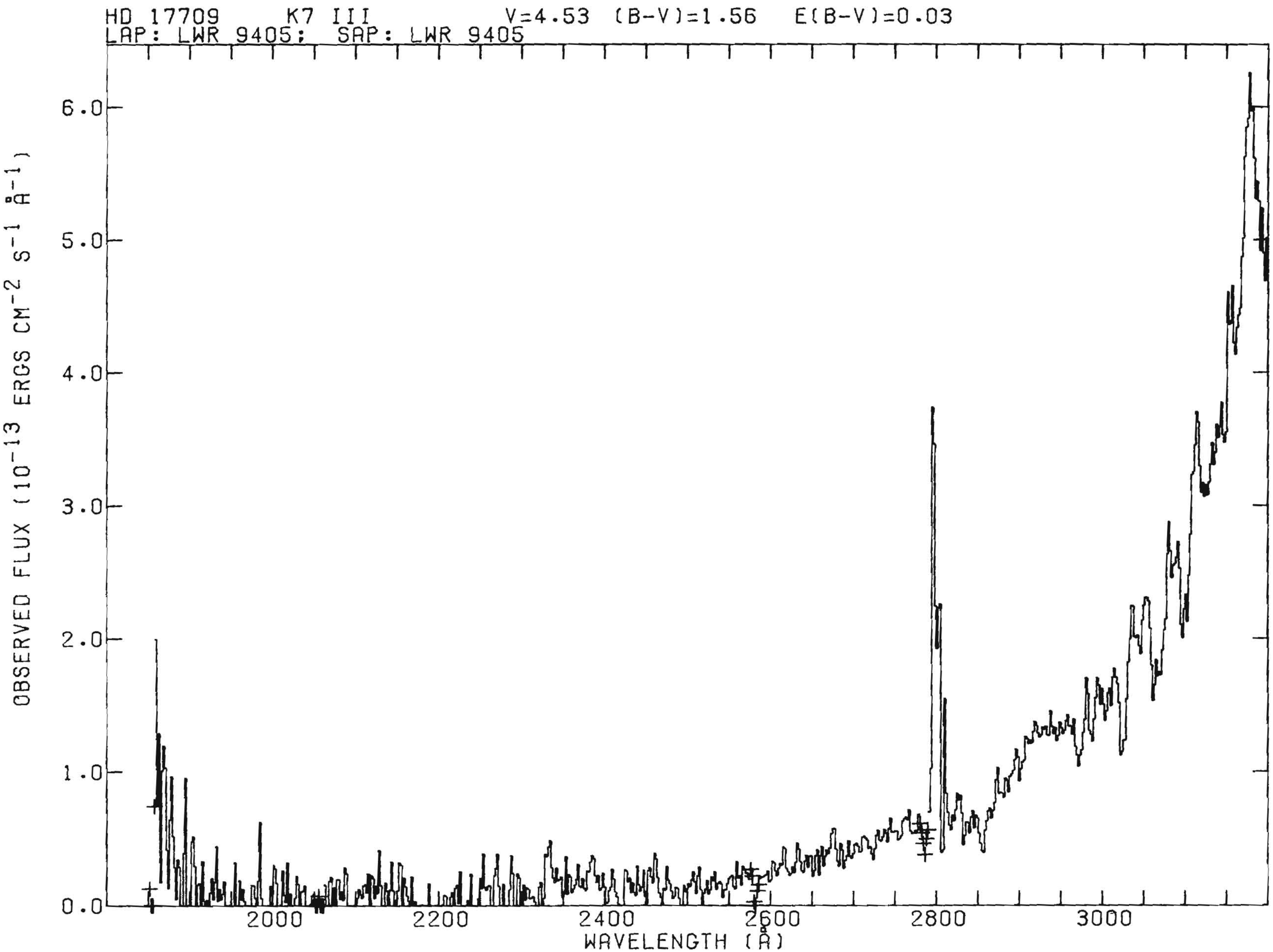

HD 29139 K5 III V=0.85 (B-V)=1.54 E(B-V)=0.03
LAP: SWP 10918, SWP 4053, SWP 2825, SWP 2806, SWP 4032
OBSERVED FLUX (10^-13 ERGS CM^-2 S^-1 Å^-1)
2.0
1.5
1.0
0.5
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

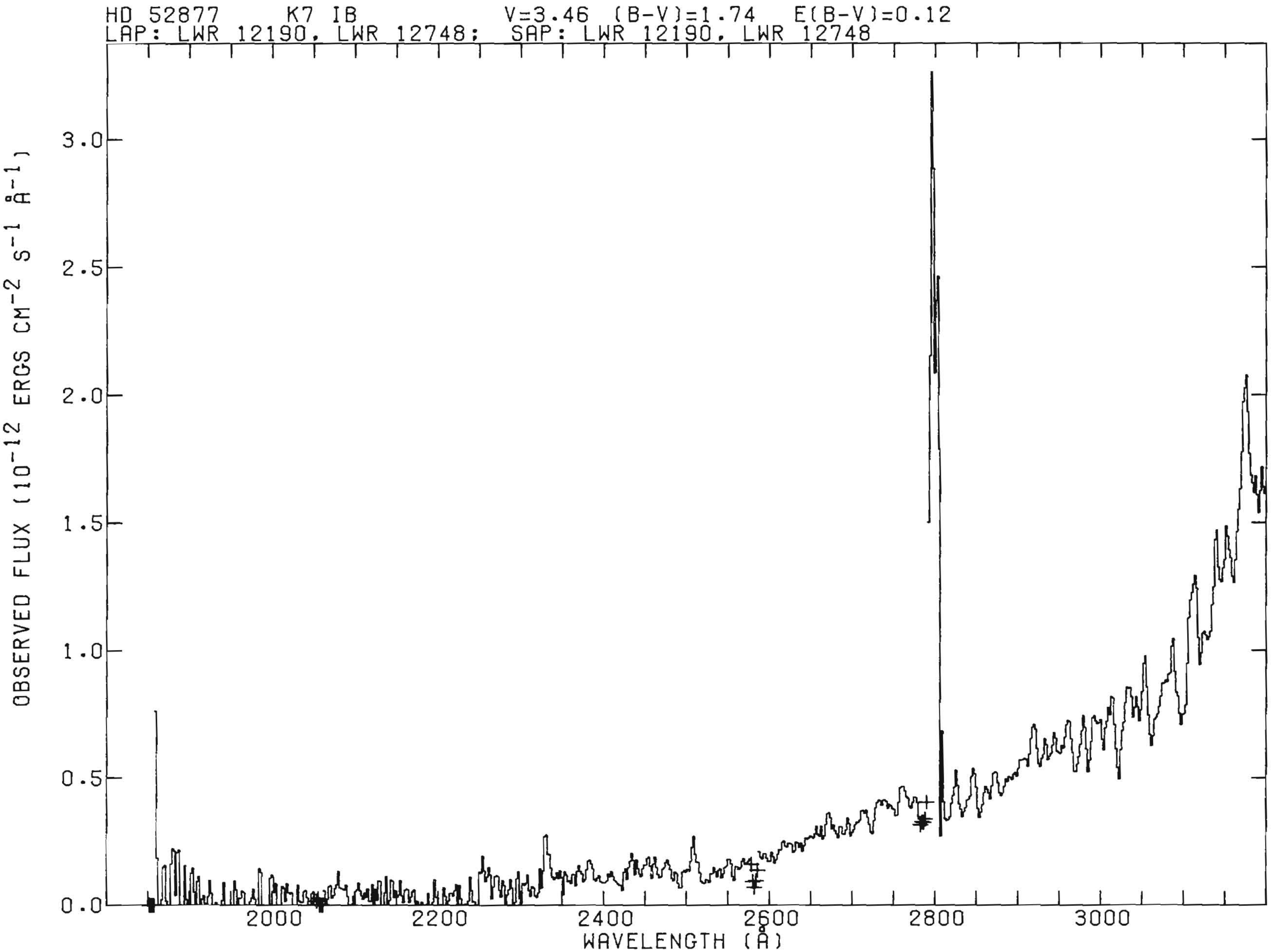

HD 29139 K5 III V=0.85 (B-V)=1.54 E(B-V)=0.03
LAP: LWR 10144
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
2.5
2.0
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

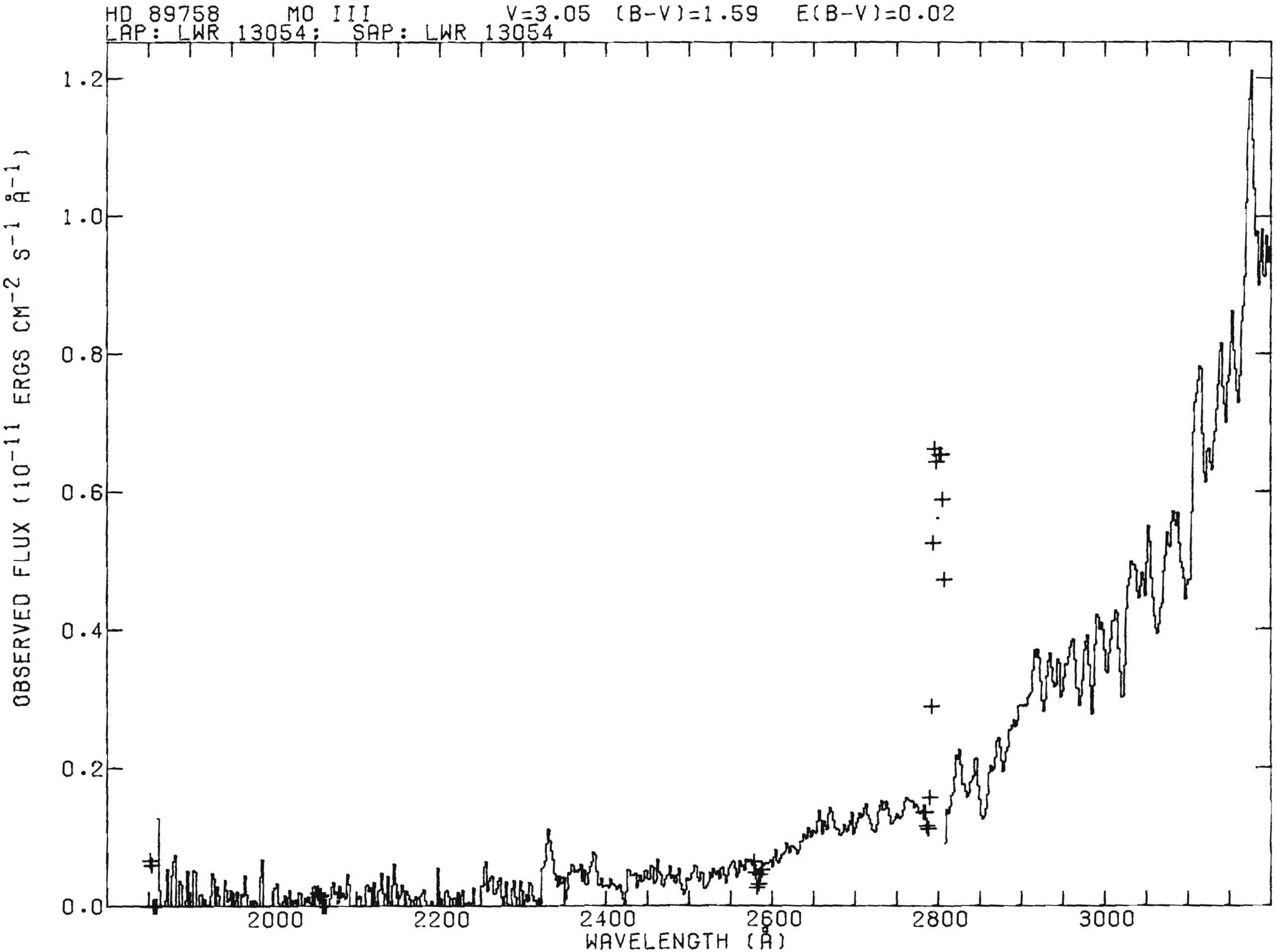

HD 78647 K5 IB V=2.21 (B-V)=1.66 E(B-V)=0.06
LAP: LWR 12672, LWR 12674
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

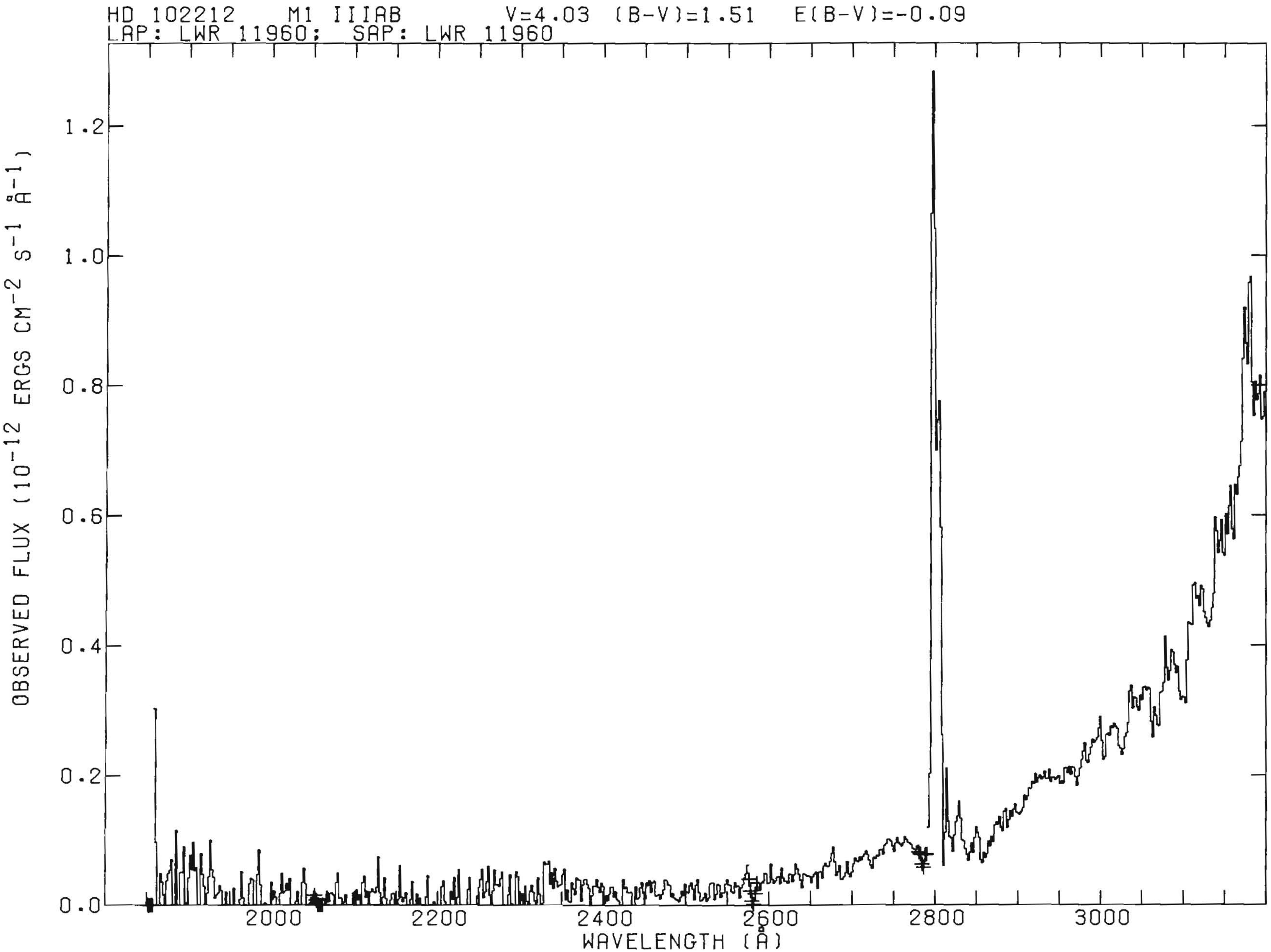

HD 201092 K7 V V=6.03 (B-V)=1.37 E(B-V)=0.04
LAP: LWR 12742, LWR 12744, LWR 5538; SAP: LWR 12742
OBSERVED FLUX (10^{-13} ERGS CM^{-2} S^{-1} Å^{-1})
5.0
4.0
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

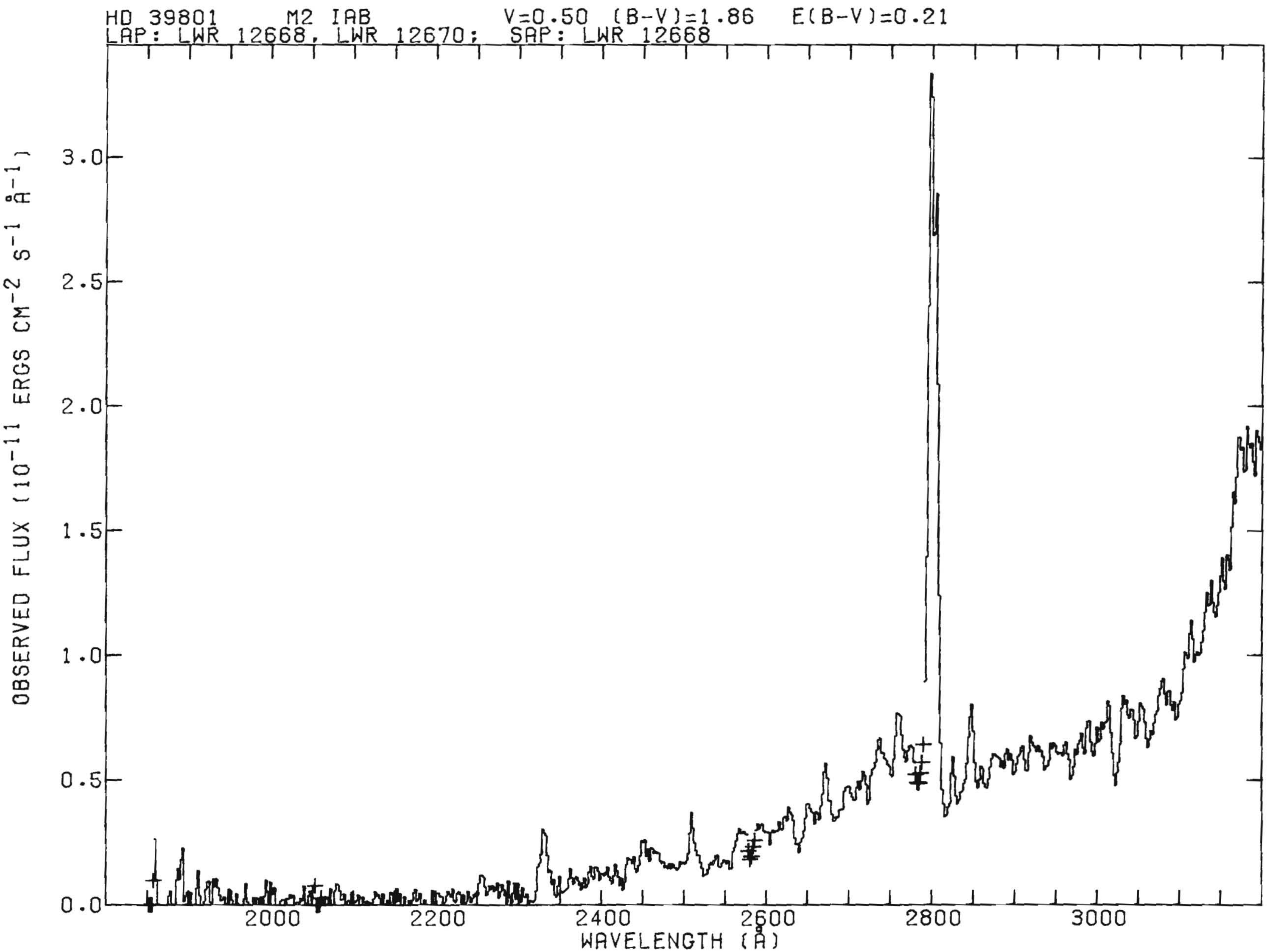

HD 17709 K7 III V=4.53 (B-V)=1.56 E(B-V)=0.03
LAP: SWP 10708
OBSERVED FLUX (10^{-14} ERGS CM^{-2} S^{-1} Å^{-1})
5.0
4.0
3.0
2.0
1.0
0.0
1200
1400
1600
1800
WAVELENGTH (Å)

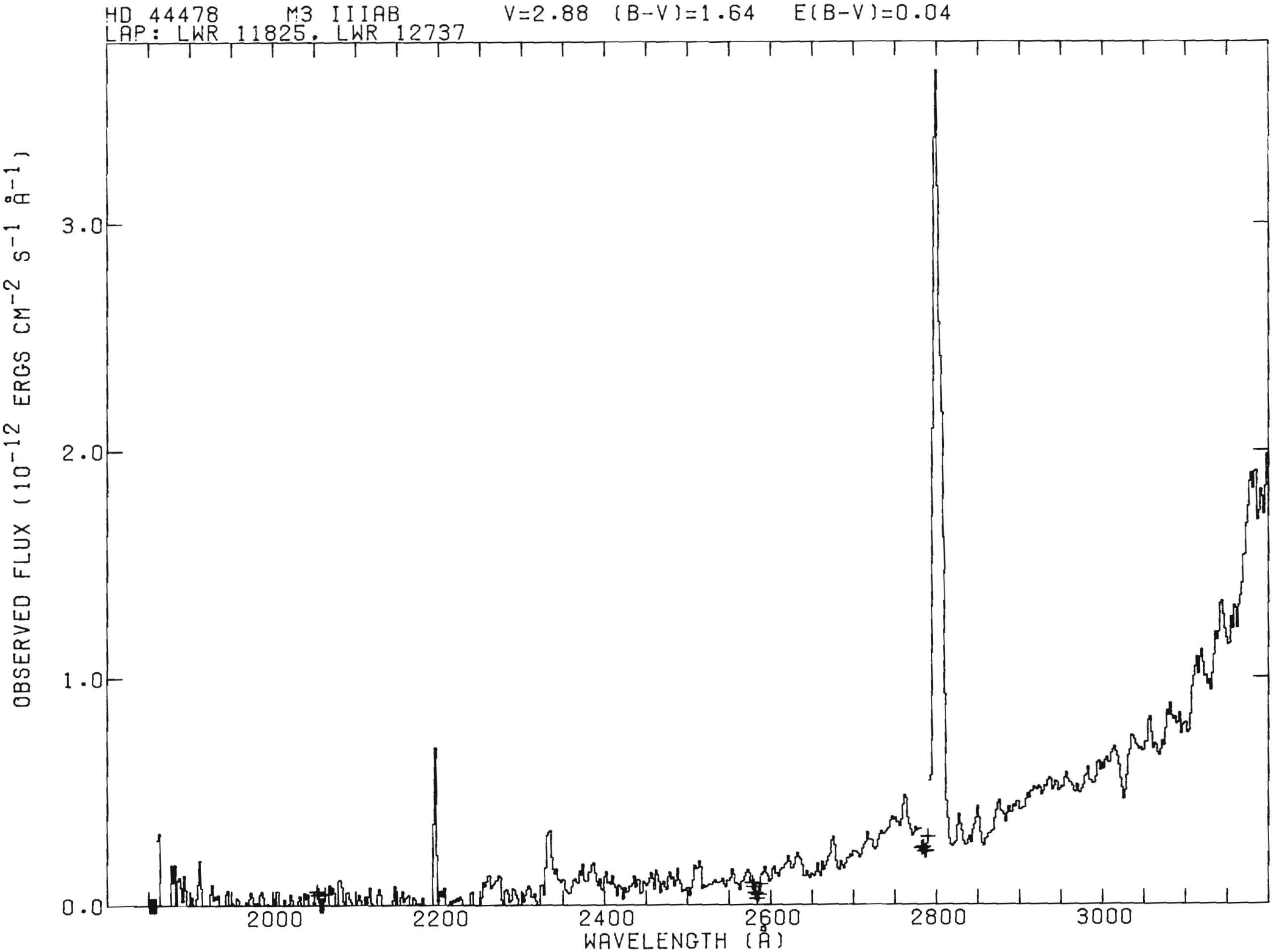

HD 17709 K7 III V=4.53 (B-V)=1.56 E(B-V)=0.03
LAP: LWR 9405; SAP: LWR 9405
OBSERVED FLUX (10^-13 ERGS CM^-2 S^-1 Å^-1)
0.0
1.0
2.0
3.0
4.0
5.0
6.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 52877 K7 IB V=3.46 (B-V)=1.74 E(B-V)=0.12
LAP: LWR 12190, LWR 12748; SAP: LWR 12190, LWR 12748
OBSERVED FLUX (10^-12 ERGS CM^-2 S^-1 Å^-1)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 89758 M0 III V=3.05 (B-V)=1.59 E(B-V)=0.02
LAP: LWR 13054; SAP: LWR 13054
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} $Å^{-1}$)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 102212 M1 IIIAB V=4.03 (B-V)=1.51 E(B-V)=-0.09
LAP: LWR 11960; SAP: LWR 11960
OBSERVED FLUX (10^{-12} ERGS CM^{-2} s^{-1} $Å^{-1}$)
WAVELENGTH (Å)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
2000
2200
2400
2600
2800
3000


HD 39801 M2 IAB V=0.50 (B-V)=1.86 E(B-V)=0.21
LAP: LWR 12668, LWR 12670; SAP: LWR 12668
OBSERVED FLUX (10^{-11} ERGS CM^{-2} S^{-1} Å^{-1})
3.0
2.5
2.0
1.5
1.0
0.5
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)


HD 44478 M3 IIIAB V=2.88 (B-V)=1.64 E(B-V)=0.04
IAP: LWR 11825, LWR 12737
OBSERVED FLUX (10^{-12} ERGS CM^{-2} S^{-1} $Å^{-1}$)
3.0
2.0
1.0
0.0
2000
2200
2400
2600
2800
3000
WAVELENGTH (Å)

HD 19058 M4 IIB-IIIA V=3.39 (B-V)=1.65 E(B-V)=0.00
LAP: LWR 11563, LWR 11822; SAP: LWR 11563, LWR 11822