

DISTRICT: Southern AREA: Madison COUNTY: Dane REPORTING PERIOD: 01/01/90 THRU 08/27/96

FACILITY-NAME: STOUGHTON CTY (AMUNDSON PARK) LICENSE-NUMBER: 00133 FACILITY-ID: 113005950

COMMON WELL	CMT, SMPL	ODOR	CMT, SMPL	COLOR	CMT, SMPL	TURBID	CONDUCTVY AT 25C	COD	FILTERED	PH	PH, FIELDED
WELL NAME	(00001)		(00002)		(00003)		MICROMHO	MG/L	(00341)	SU	(00400)

102 SB-2	PAL										
GRADIENT-NOT ENTRD	ES										
03/21/90	0			0		539		19		7.3	
09/20/90	0		0	0		627		31		7.5	
03/15/91			0	0		473		29		7.7	
03/11/92				0		561		26		7.0	
09/24/92	0			0		489		22		7.8	
03/09/93				0		612		37		7.4	
09/08/93	0			0		670		27		7.2	
03/18/94			0	0		642		23		7.0	
11/01/94	0		0	0		676		29		6.6	
03/20/95						625		27		7.0	
03/29/96				0		694		22		7.2	
MEAN	0		0	0		601		27		7.2	
STDDEV	0		0	0		75		5		0.3	
NO. OF SAMPLES	5		4	9		11		11		11	
NO. > PAL	0		0	0		0		0		0	
NO. > ES	0		0	0		0		0		0	

	CHLORIDE	CL	IRON	FE, DISS	TOT HARD	ALKNLNTY	GRD WTR	ELEV
	MG/L		MG/L		FILTERED	FILTERED	FEET, MSL	
	(00940)		(01046)		(22413)	(39036)	(72020)	
PAL	125		0.15					
ES	250		0.30					
03/21/90	21		0.62 (E)		342	349	847.83	
09/20/90	28		1.20 (E)		354	345	847.19	
03/15/91	24		0.43 (E)		280	265	847.67	
03/11/92	40		2.50 (E)		422	385	848.53	
09/24/92	21		1.96 (E)		363	290	848.05	
03/09/93	25		1.12 (E)		297	280	848.39	
09/08/93	29		1.53 (E)		307	388	849.53	
03/18/94	30		2.00 (E)		300	230	849.29	
11/01/94	31		0.47 (E)		320	290	848.38	
03/20/95	33		1.90 (E)		290	280	848.38	
03/29/96	28		1.44 (E)		388	310	848.43	
MEAN	28		1.38		333	310	848.33	
STDDEV	6		0.68		45	50	0.67	
NO. OF SAMPLES	11		11		11	11	11	
NO. > PAL	0		0		0	0	0	
NO. > ES	0		11		0	0	0	

(E) ATTAINS OR EXCEEDS ENFORCEMENT-STANDARD

NOTE: THIS REPORT USES SITE-SPECIFIC CALCULATED PAL'S (ACL'S) IF APPLICABLE
NOTE: EXCEEDANCES APPLY AT ALL SAMPLE POINTS. EXCEEDANCES DO NOT APPLY FOR J FLAGS.

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WELL	COMMON WELL NAME	CMT, SMPL (00001)	ODOR	CMT, SMPL (00002)	COLOR	CMT, SMPL (00003)	TURBID	CNDUCTVY AT 25C (00094)	MICROMHO	COD (00341)	FILTERED MG/L	PH SU	PH, FIELD (00400)
107	SB-1	PAL											
	GRADIENT-NOT ENTRD	ES											
		03/21/90	0		0		0	605		15		7.2	
		09/20/90	0		0		0	825		21		7.3	
		03/15/91			0		0	660		14		7.6	
		03/11/92					0	693		27		6.7	
		09/24/92	0				0	803		23		7.6	
		03/09/93	0				0	1026		68		7.0	
		09/08/93	0				0	1040		25		6.8	
		03/18/94			0			821		25		6.9	
		11/01/94	0		0		0	895		6		6.6	
		03/20/95			0		0	891		18		6.9	
		03/29/96			0		0	1059		12		6.8	
		MEAN	0		0		0	847		23		7.0	
		STDDEV	0		0		0	155		16		0.3	
	NO. OF SAMPLES		6		7		10	11		11		11	
	NO. > PAL		0		0		0	0		0		0	
	NO. > ES		0		0		0	0		0		0	

	CHLORIDE MG/L (00940)	CL	IRON MG/L (01046)	FE, DISS	TOT HARDFILTERED MG/L (22413)	ALKALINITY FILTERED MG/L (39036)	GRD WTR FEET, MSL (72020)	ELEV
PAL	125.0		0.15					
ES	250.0		0.30					
03/21/90	6.0		1.95 (E)	456	456.0	848.03		
09/20/90	8.0		3.65 (E)	486	480.0	846.68		
03/15/91	7.0		1.91 (E)	379	362.0	848.46		
03/11/92	20.0		0.38 (E)	358	323.0	849.10		
09/24/92	9.0		4.65 (E)	519	50.7	847.95		
03/09/93	12.0		5.96 (E)	528	546.0	847.76		
09/08/93	11.0		4.26 (E)	509	662.0	847.88		
03/18/94	7.6		4.80 (E)	390	340.0	849.17		
11/01/94	3.7		2.67 (E)	460	470.0	847.57		
03/20/95	11.0		5.20 (E)	460	460.0	848.49		
03/29/96	<0.1 NC		6.50 (E)	609	510.0	847.66		
MEAN	8.7		3.81	469	423.6	848.07		
STDDEV	5.1		1.89	74	157.1	0.71		
NO. OF SAMPLES	11		11	11	11	11		
NO. > PAL	0		0	0	0	0		
NO. > ES	0		11	0	0	0		

N PARAMETER NOT DETECTED IN SAMPLE (E) ATTAINS OR EXCEEDS ENFORCEMENT-STANDARD
 C HALF OF VALUE USED IN CALCULATING MEAN

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LICENSE-NUMBER: 00133

FACILITY-ID: 113005950

WELL	COMMON WELL NAME	CMT, SMPL ODOR (00001)	CMT, SMPL COLOR (00002)	CMT, SMPL TURBID (00003)	CNDUCTVY AT 25C MICROMHO (00094)	COD FILTERED MG/L (00341)	PH SU (00400)	PH, FIELD
108 SB-4	PAL							
	GRADIENT-NOT ENTRD ES							
	03/21/90	0	0	0	946	37		7.1
	09/20/90	0	0	0	1100	33		7.1
	03/15/91	0	0	0	1070	32		7.3
	03/11/92	0		0	1128	24		6.6
	09/24/92			0	990	36		7.4
	03/09/93	0		0	1238	36		6.7
	09/08/93	0		0	1333	29		6.5
	03/18/94		0		1350	38		6.7
	11/01/94	0	0	0	1440	28		6.5
	03/20/95		0	0	1394	23		6.7
	03/29/96		0	0	1398	24		6.6
	MEAN	0	0	0	1217	31		6.8
	STDDEV	0	0	0	177	6		0.3
	NO. OF SAMPLES	7	7	10	11	11		11
	NO. > PAL	0	0	0	0	0		0
	NO. > ES	0	0	0	0	0		0

	CHLORIDE CL MG/L (00940)	IRON FE, DISS MG/L (01046)	TOT HARDFILTERED MG/L (22413)	ALKLNITYFILTERED MG/L (39036)	GRD WTR ELEV FEET, MSL (72020)
PAL	125.000	0.15			
ES	250.000	0.30			
03/21/90	13.000	9.80(E)	609	634	843.66
09/20/90	17.000	9.35(E)	626	619	845.11
03/15/91	12.000	21.70(E)	692	683	843.62
03/11/92	15.000	12.30(E)	746	696	844.37
09/24/92	7.000	9.78(E)	670	570	842.96
03/09/93	15.000	10.00(E)	679	659	843.55
09/08/93	15.000	17.20(E)	706	882	844.82
03/18/94	15.000	13.00(E)	660	530	845.18
11/01/94	<0.074 NC	13.10(E)	770	770	844.88
03/20/95	13.000	14.00(E)	760	750	844.01
03/29/96	0.260	17.80(E)	855	710	845.14
MEAN	11.118	13.46	707	682	844.30
STDDEV	6.003	3.98	71	98	0.78
NO. OF SAMPLES	11	11	11	11	11
NO. > PAL	0	0	0	0	0
NO. > ES	0	11	0	0	0

N PARAMETER NOT DETECTED IN SAMPLE (E) ATTAINS OR EXCEEDS ENFORCEMENT-STANDARD
C HALF OF VALUE USED IN CALCULATING MEAN

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WELL	COMMON WELL NAME	CMT, SMPL ODOR (00001)	CMT, SMPL COLOR (00002)	CMT, SMPL TURBID (00003)	CNDUCTVY AT 25C MICROMHO (00094)	COD FILTERED MG/L (00341)	PH SU (00400)	PH, FIELD
109	SB-5							
	PAL							
	GRADIENT-NOT ENTRD ES							
	03/21/90	0	0	0	561	10.00		7.8
	09/20/90	0	0	0	627	18.00		8.0
	03/15/91		0	0	660	17.00		7.8
	03/11/92			0	743	10.00		6.9
	09/24/92			0	616	10.00		7.9
	03/09/93			0	840	23.00		7.3
	09/08/93	0		0	710	<5.00 NC		7.4
	03/18/94		0	0	695	15.00		7.1
	11/01/94		0	0	718	<5.00 NC		6.6
	03/20/95		0	0	780	<5.00 NC		7.0
	03/29/96		0	0	762	<4.00 NC		7.2
	MEAN	0	0	0	701	10.23		7.4
	STDDEV	0	0	0	81	7.34		0.5
	NO. OF SAMPLES	3	7	11	11	11		11
	NO. > PAL	0	0	0	0	0		0
	NO. > ES	0	0	0	0	0		0

	CHLORIDE CL MG/L (00940)	IRON FE, DISS MG/L (01046)	TOT HARDFILTERED MG/L (22413)	ALKLNITYFILTERED MG/L (39036)	GRD WTR FEET, MSL (72020)	ELEV
PAL	125.00	0.150				
ES	250.00	0.300				
03/21/90	12.00	<0.050 NC	363.00	317	847.92	
09/20/90	15.00	<0.100 NC	358.00	297	847.19	
03/15/91	8.00	<0.100 NC	432.00	384	847.68	
03/11/92	7.00	<0.100 NC	4.76	399	848.52	
09/24/92	12.00	0.170 (P)	420.00	323	848.06	
03/09/93	11.00	<0.100 NC	443.00	400	848.41	
09/08/93	17.00	<0.100 NC	351.00	361	849.53	
03/18/94	17.00	0.140	350.00	220	849.29	
11/01/94	32.00	<0.050 NC	380.00	300	848.36	
03/20/95	16.00	0.073	420.00	330	848.42	
03/29/96	0.83	0.720 (E)	516.00	340	844.00	
MEAN	13.44	0.128	367.07	334	847.94	
STDDEV	7.87	0.202	130.33	53	1.47	
NO. OF SAMPLES	11	11	11	11	11	
NO. > PAL	0	1	0	0	0	
NO. > ES	0	1	0	0	0	

(P) ATTAINS OR EXCEEDS PREVENTIVE-ACTION-LIMIT
(E) ATTAINS OR EXCEEDS ENFORCEMENT-STANDARD
N PARAMETER NOT DETECTED IN SAMPLE
C HALF OF VALUE USED IN CALCULATING MEAN

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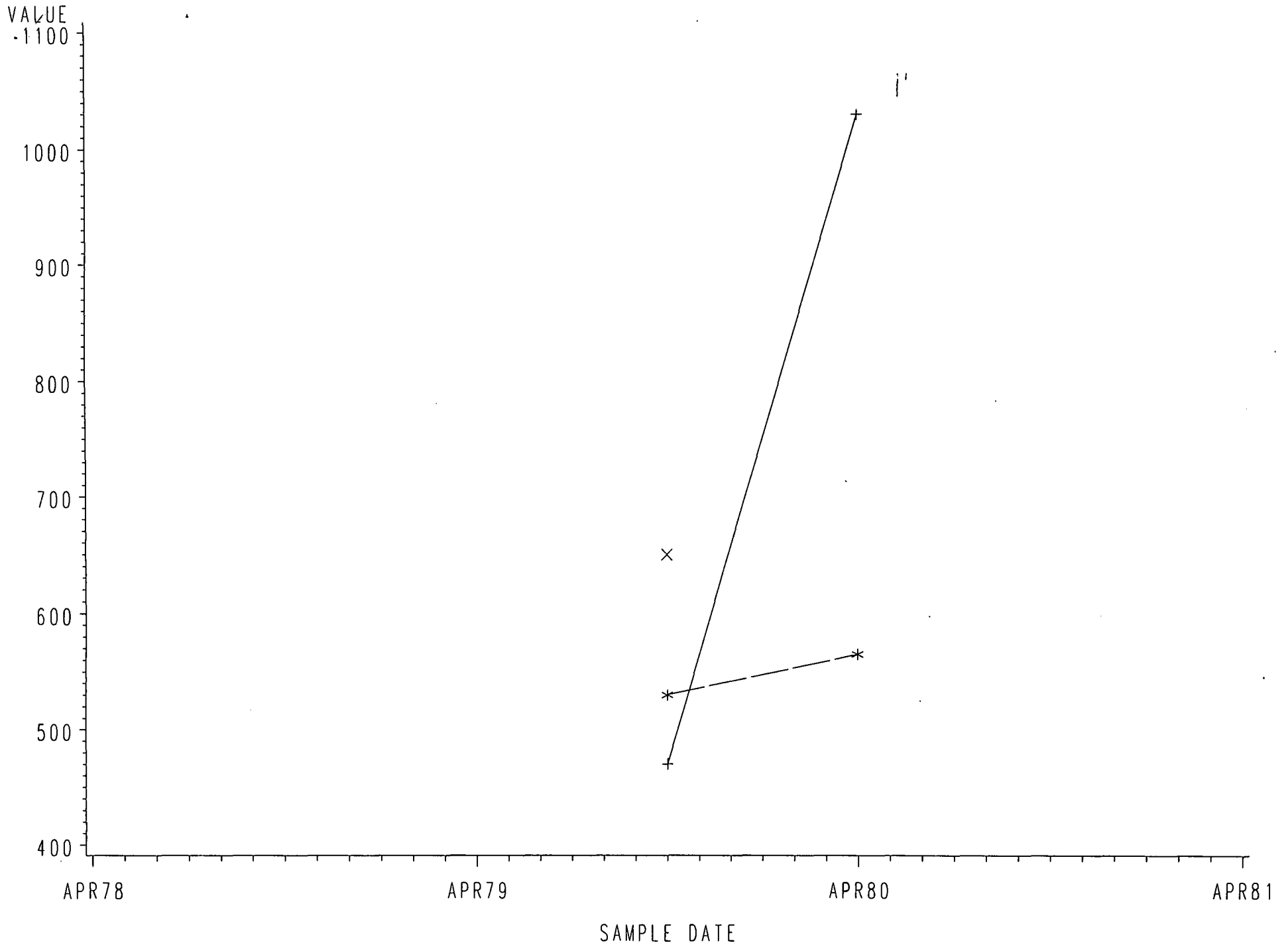
WELL	COMMON WELL NAME	CMT, SMPL ODOR (00001)	CMT, SMPL COLOR (00002)	CMT, SMPL TURBID (00003)	CNDUCTVY AT 25C MICROMHO (00094)	COD FILTERED MG/L (00341)	PH SU (00400)	PH, FIELD
110	SB-6							
	GRADIENT-NOT ENTRD							
	03/21/90	0	0	0	880	37		7.4
	09/20/90	0	0	0	1517	67		8.4
	03/15/91		0	0	880	27		7.7
	03/11/92			0	484	18		6.8
	09/24/92	0		0	638	29		7.7
	03/09/93	0	0	0	910	30		7.2
	09/08/93	0		0	1210	40		7.0
	03/18/94		0		771	30		7.2
	11/01/94	0	0	0	835	20		6.2
	03/20/95		0	0	762	18		7.0
	03/29/96			0	704	13		7.0
	MEAN	0	0	0	872	30		7.2
	STDDEV	0	0	0	281	15		0.6
	NO. OF SAMPLES	6	7	10	11	11		11
	NO. > PAL	0	0	0	0	0		0
	NO. > ES	0	0	0	0	0		0

	CHLORIDE MG/L (00940)	CL	IRON MG/L (01046)	FE, DISS MG/L (22413)	TOT HARDFILTERED MG/L (39036)	ALKALINITY FILTERED MG/L (72020)	GRD WTR FEET, MSL	ELEV
PAL	125.00		0.15					
ES	250.00		0.30					
03/21/90	22.00		5.47 (E)	479	559		843.74	
09/20/90	62.00		24.20 (E)	610	743		843.67	
03/15/91	14.00		8.00 (E)	422	462		844.11	
03/11/92	7.00		1.60 (E)	288	274		844.18	
09/24/92	10.00		9.50 (E)	408	433		843.74	
03/09/93	16.00		15.30 (E)	406	452		844.42	
09/08/93	20.00		17.70 (E)	472	695		844.71	
03/18/94	9.50		14.00 (E)	340	280		845.13	
11/01/94	17.00		5.80 (E)	400	420		845.00	
03/20/95	14.00		10.00 (E)	390	400		844.15	
03/29/96	0.26		11.40 (E)	397	340		848.46	
MEAN	17.43		11.18	419	460		844.66	
STDDEV	16.00		6.36	83	152		1.35	
NO. OF SAMPLES	11		11	11	11		11	
NO. > PAL	0		0	0	0		0	
NO. > ES	0		11	0	0		0	

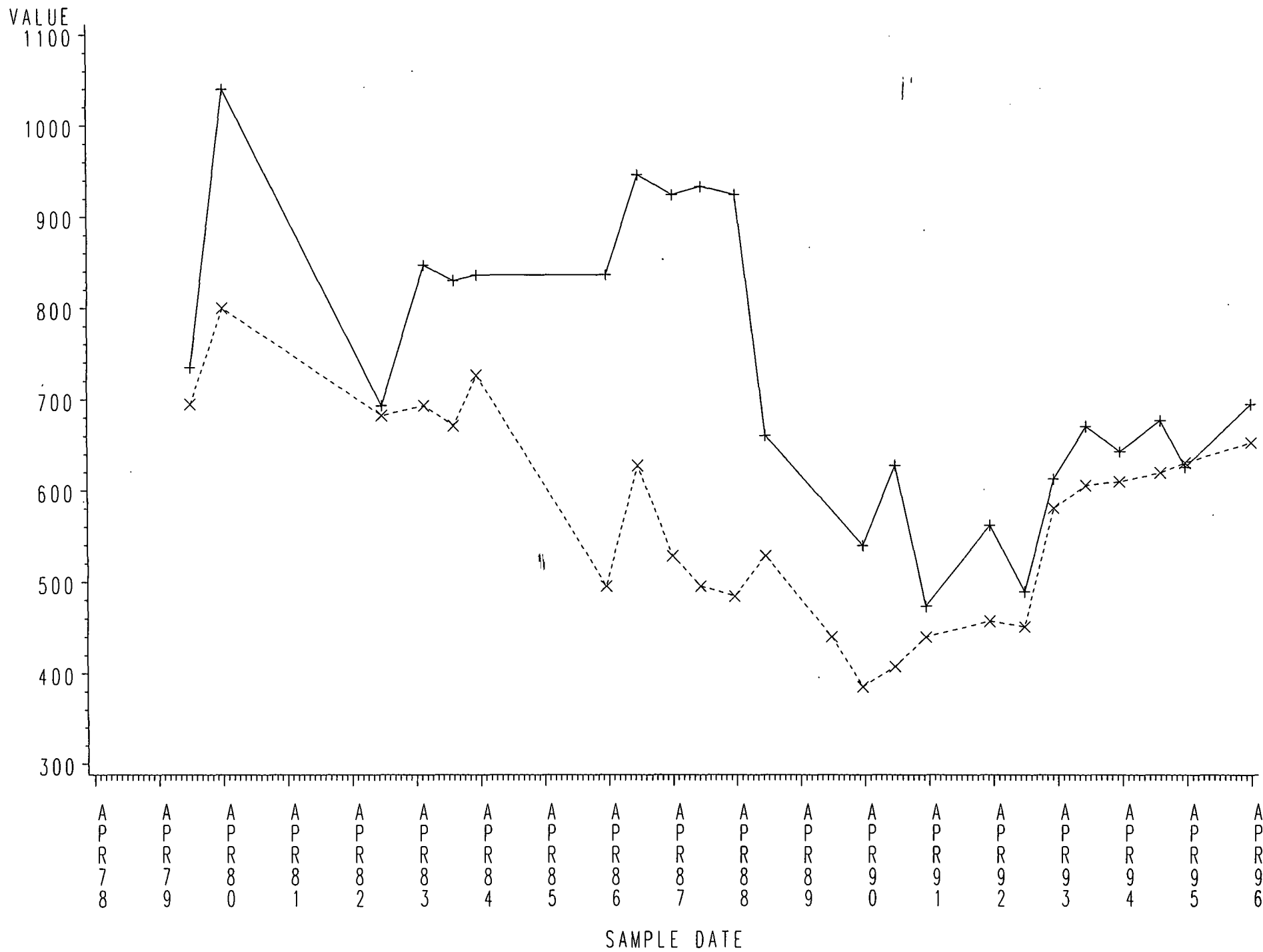
(E) ATTAINS OR EXCEEDS ENFORCEMENT-STANDARD

NOTE: THIS REPORT USES SITE-SPECIFIC CALCULATED PAL'S (ACL'S) IF APPLICABLE

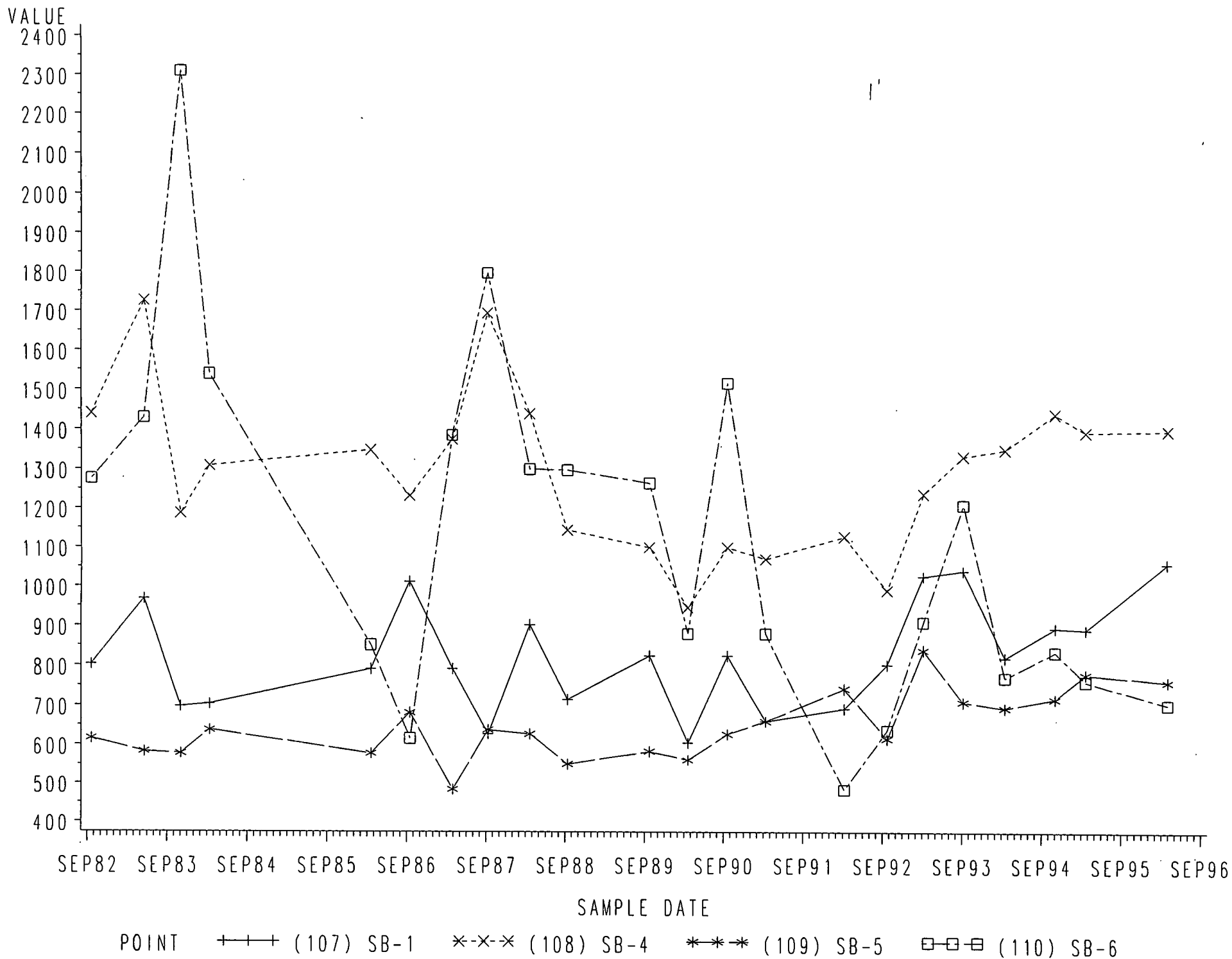
NOTE: EXCEEDANCES APPLY AT ALL SAMPLE POINTS. EXCEEDANCES DO NOT APPLY FOR J FLAGS.

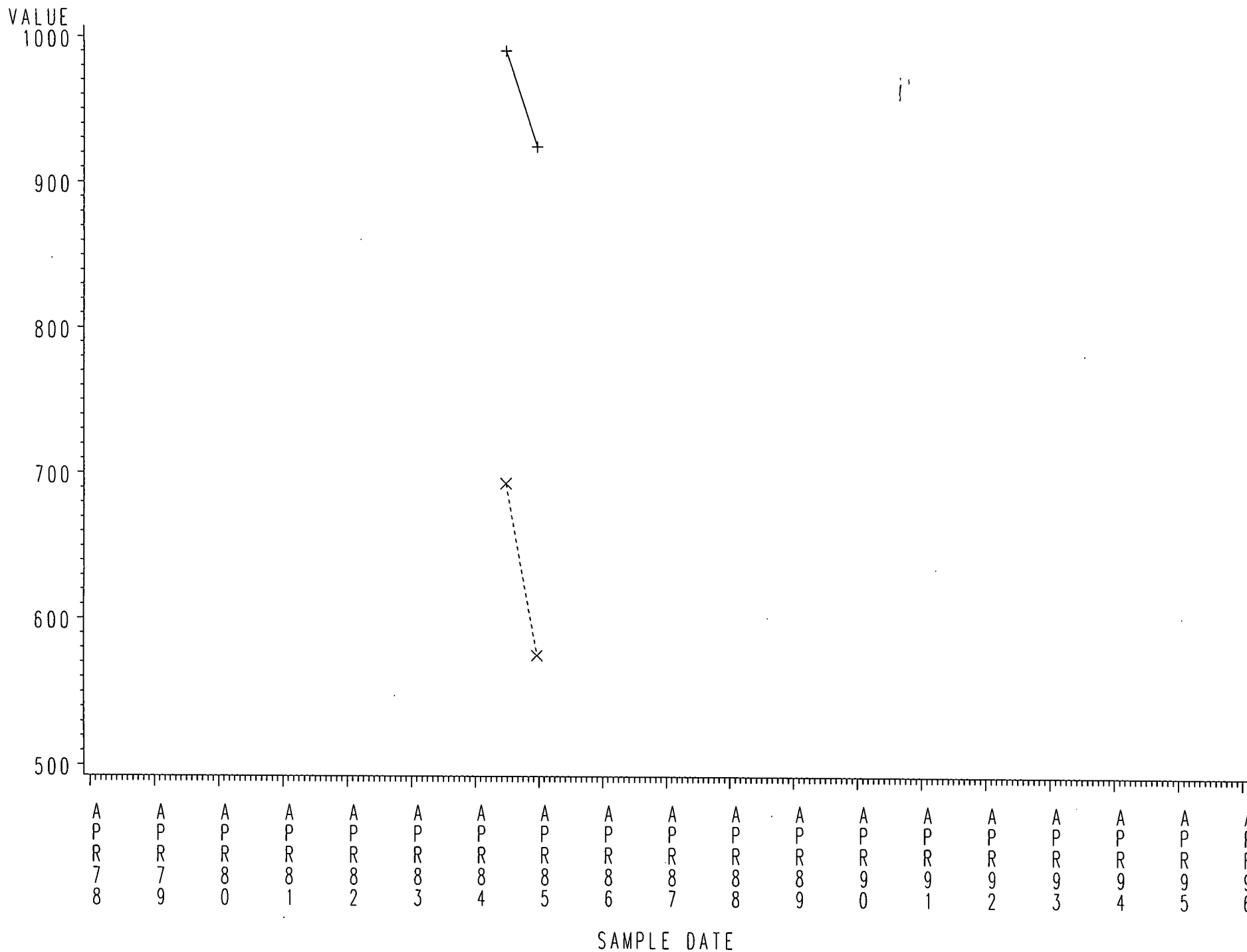


POINT +--+ (101) SB-1 ABN *-x-* (105) SB-5-ABN **-* (106) SB-6-ABN

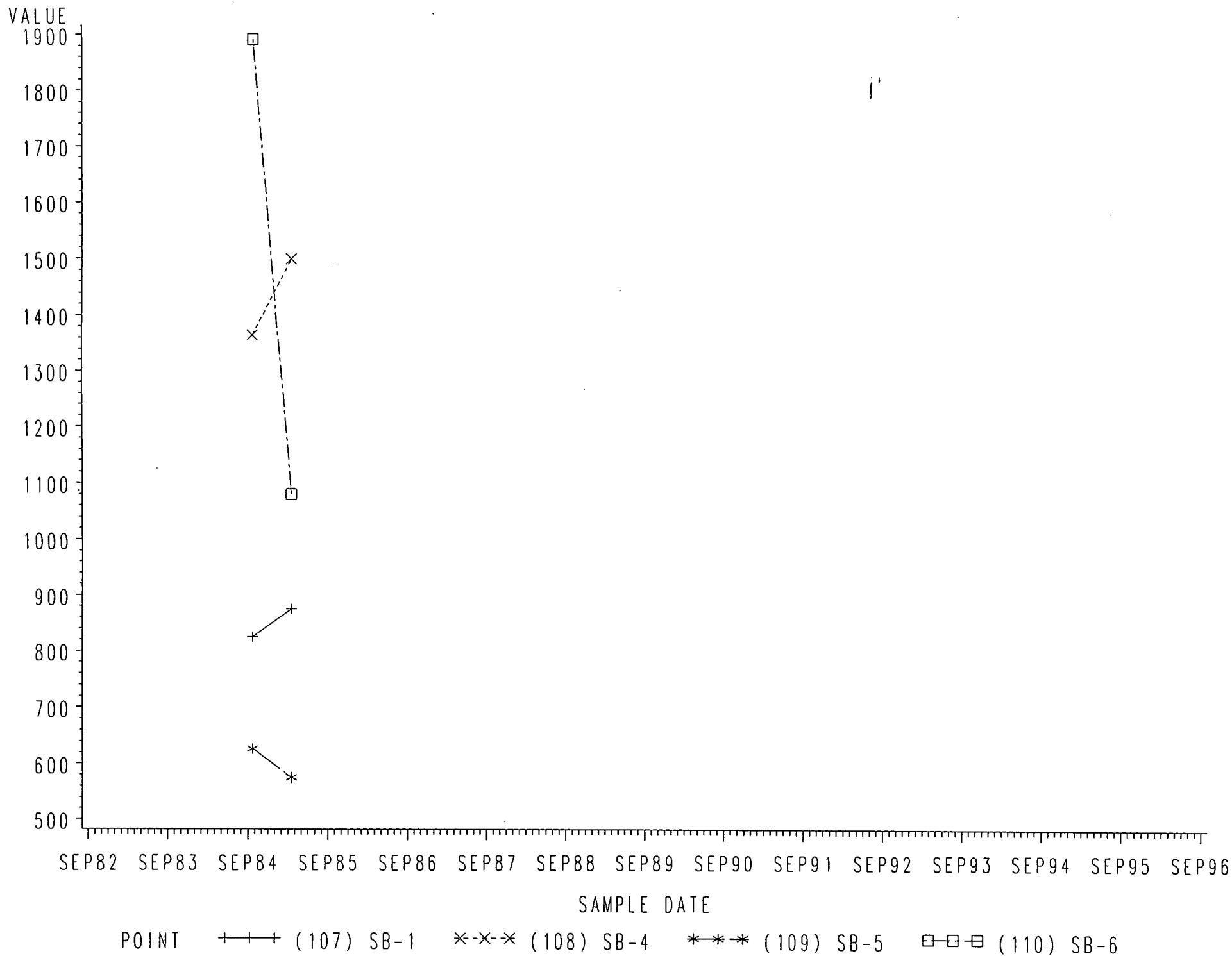


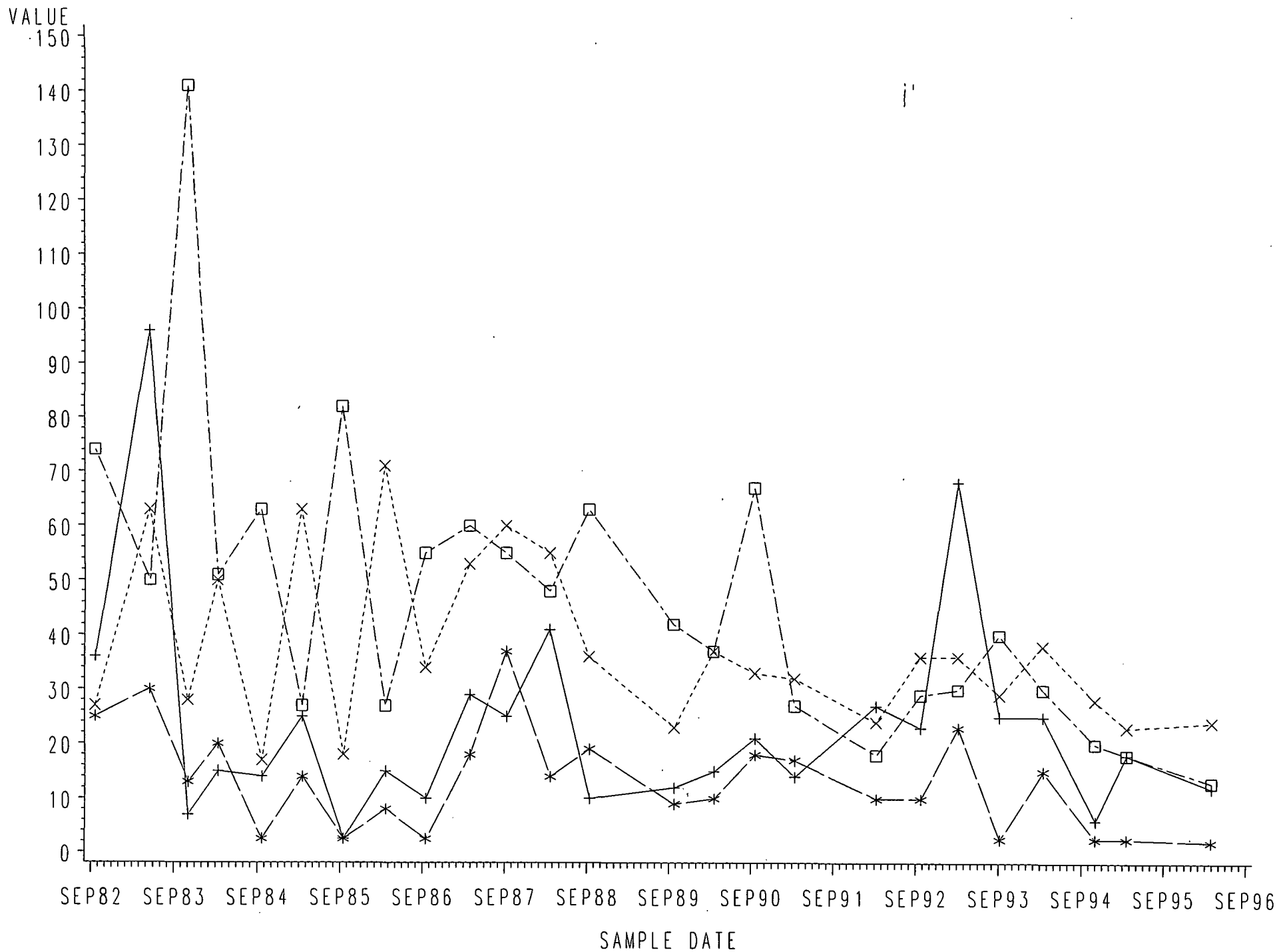
POINT +--+ (102) SB-2 *-*-* (103) SB-3



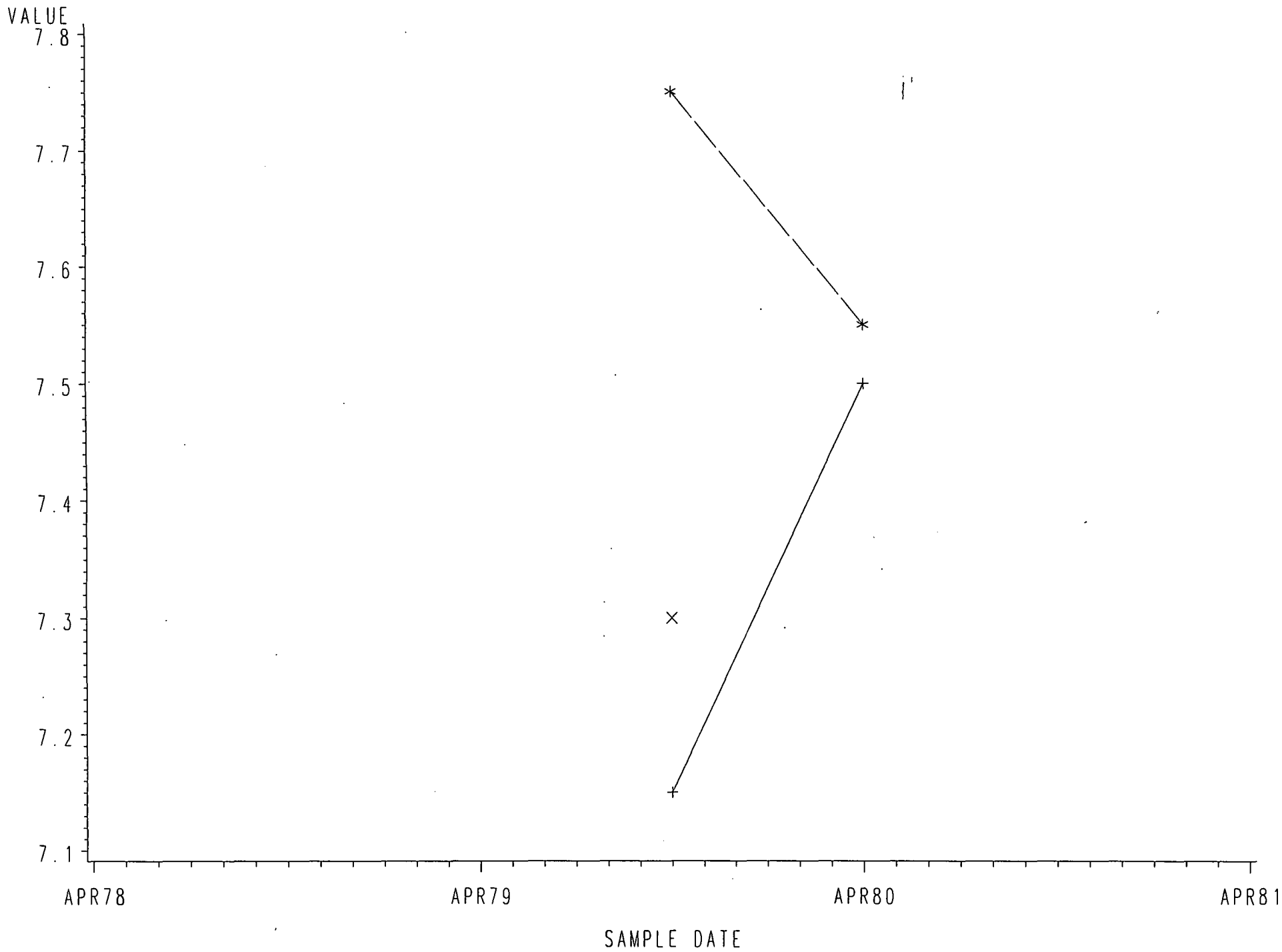


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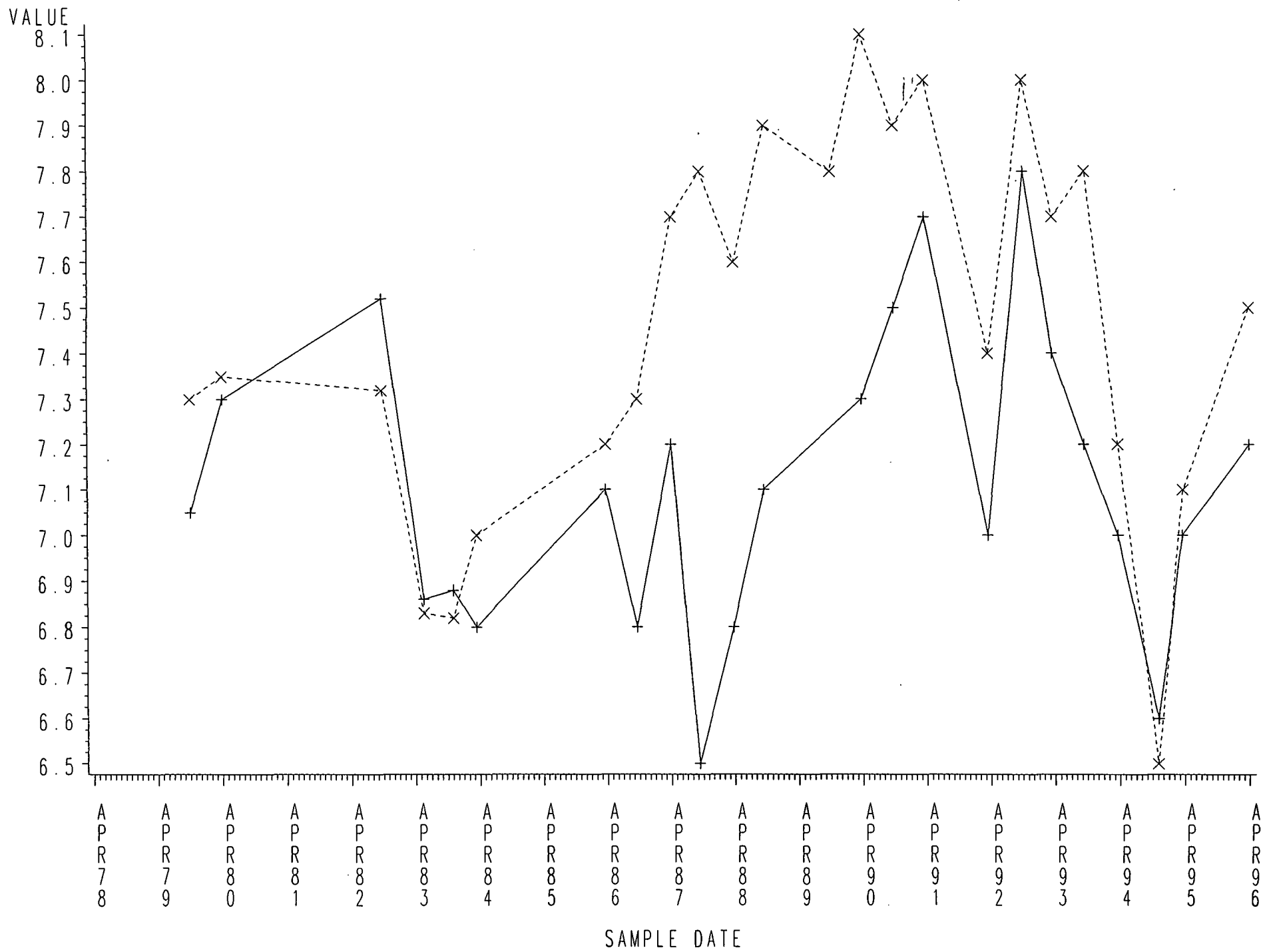




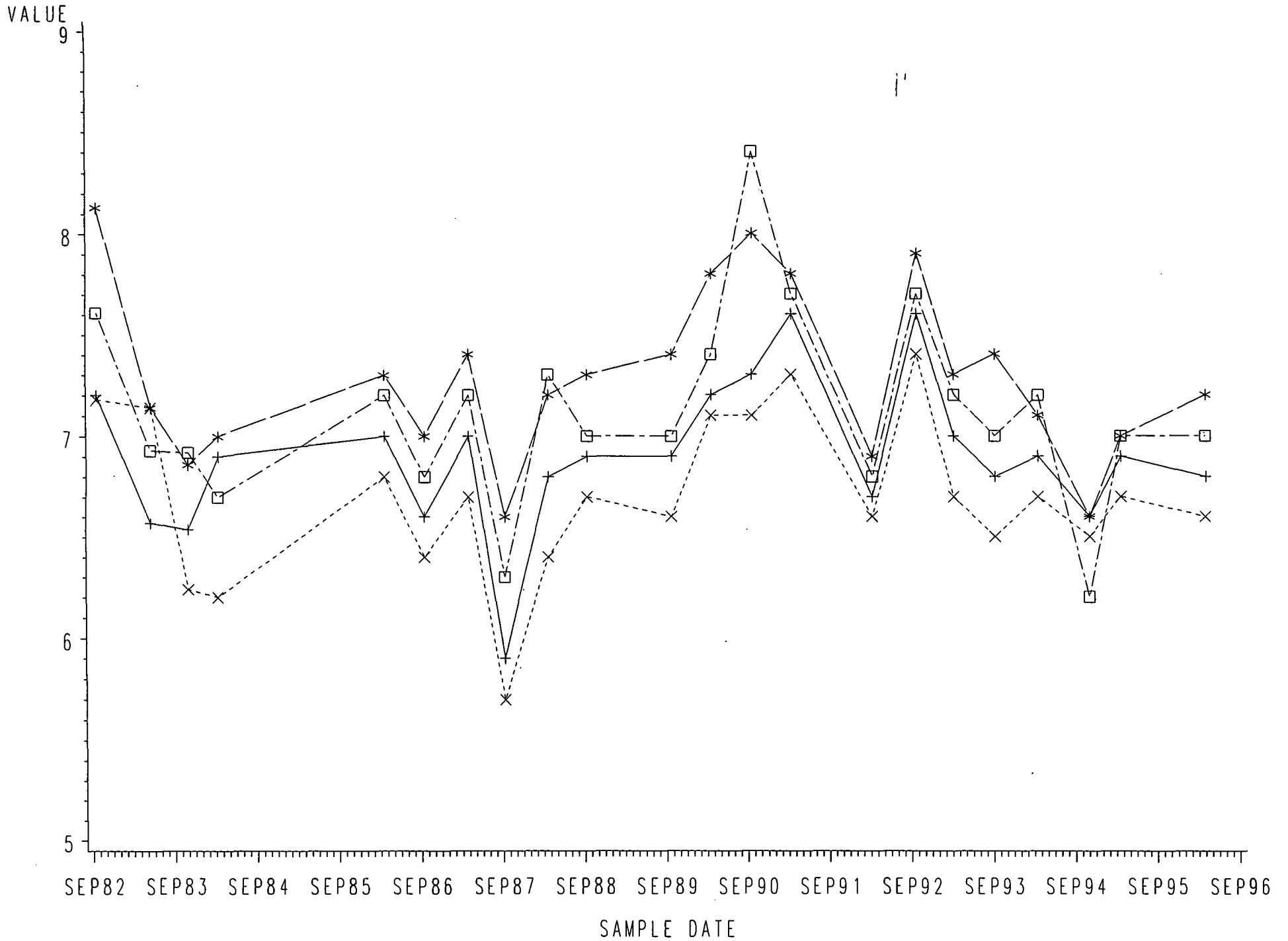
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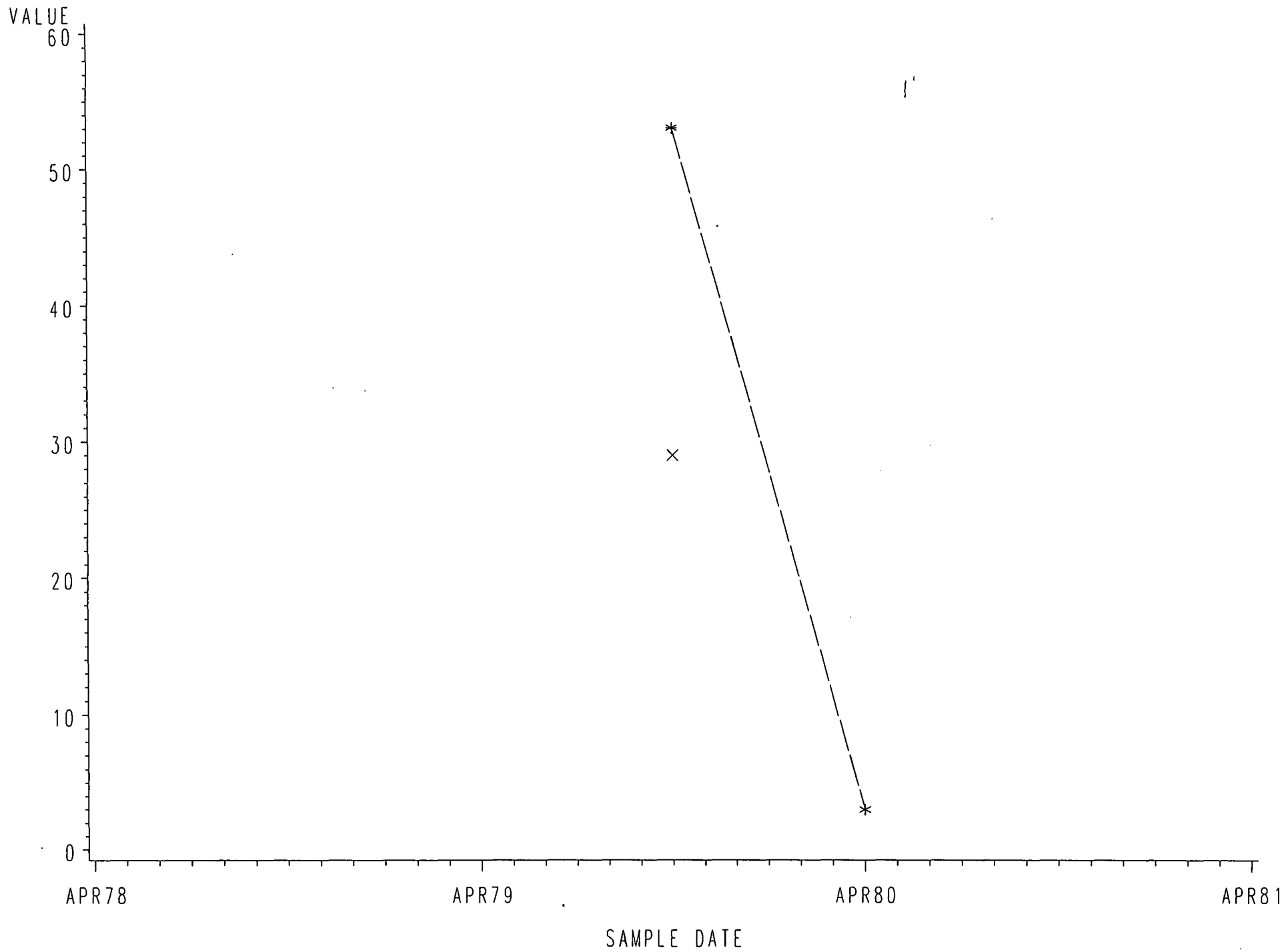
POINT +--+ (101) SB-1 ABN *-*-* (105) SB-5-ABN *-*-* (106) SB-6-ABN



POINT +--+ (102) SB-2 *-*-* (103) SB-3

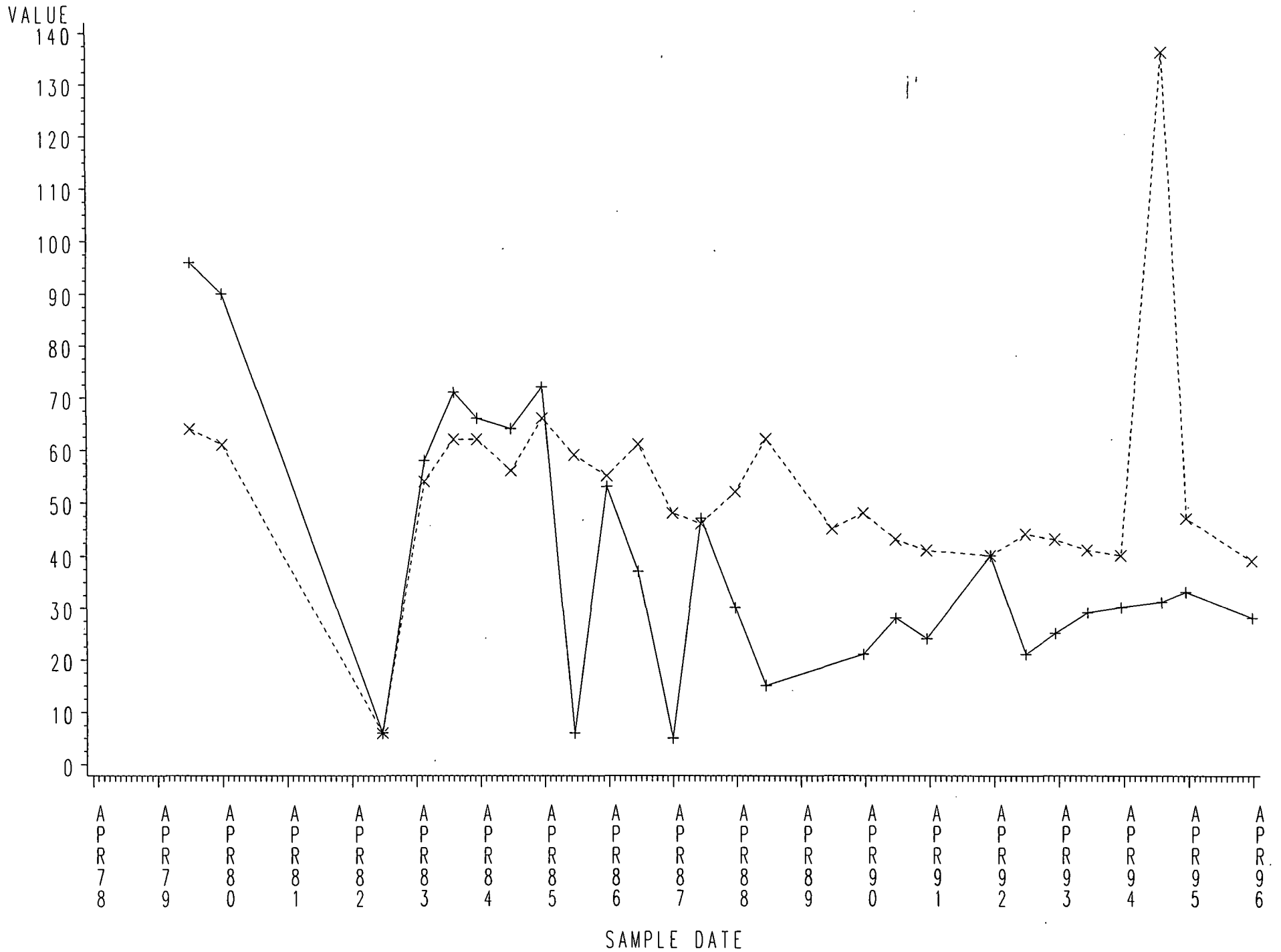


POINT +--+ (107) SB-1 *-x-* (108) SB-4 *-*-* (109) SB-5 □-□-□ (110) SB-6

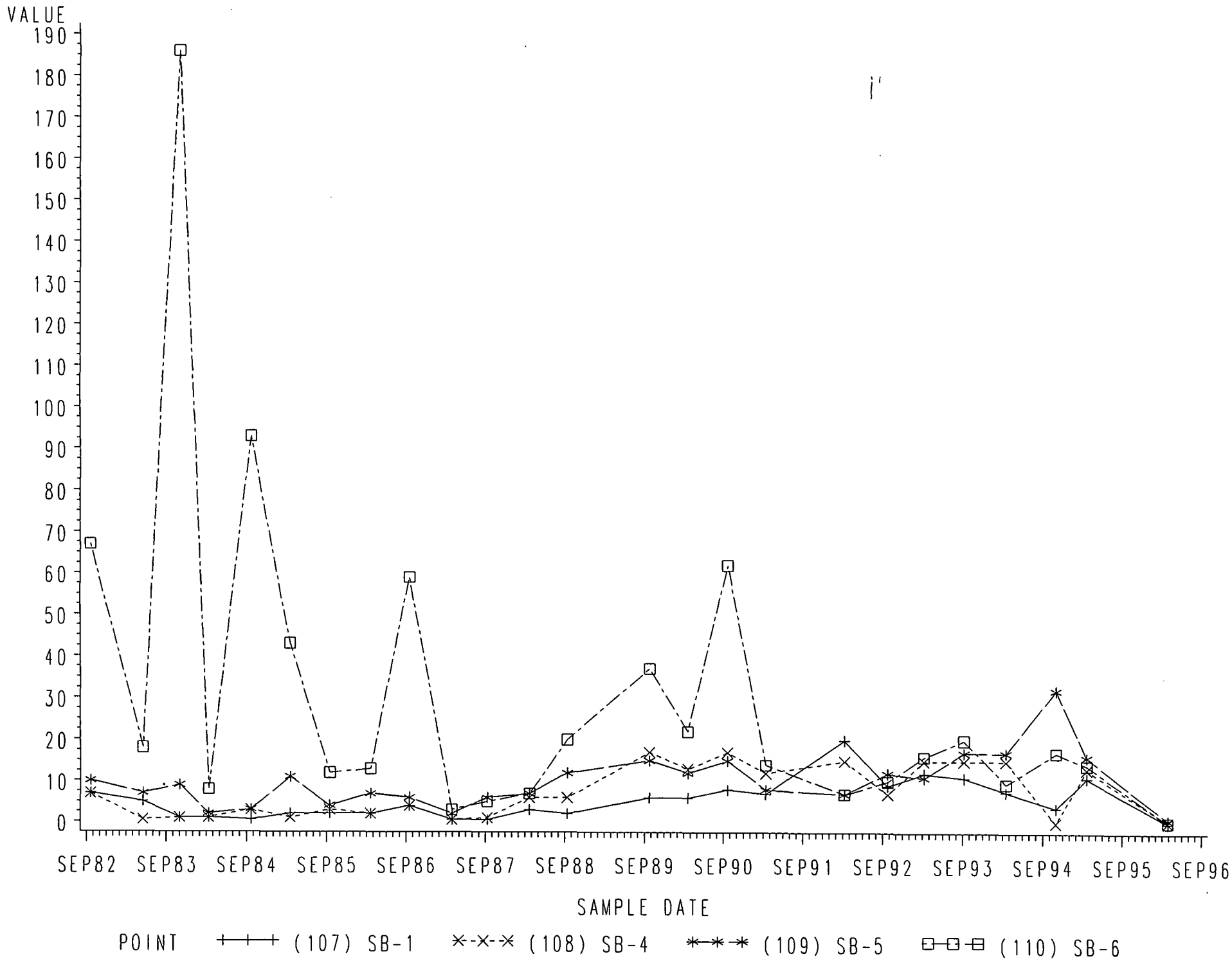


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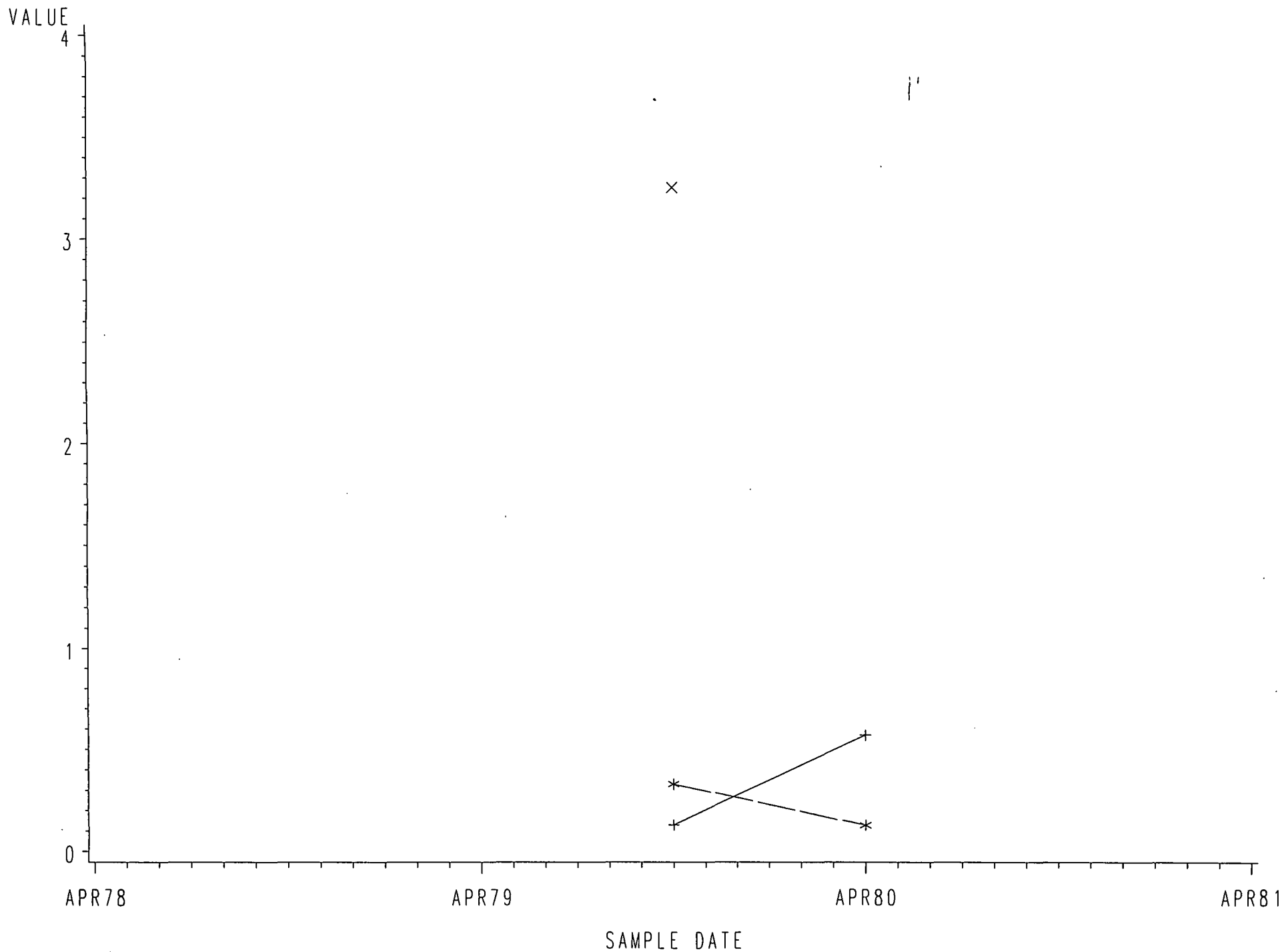
STOUGHTON CTY (AMUNDSON PARK) (133), PARAMETER=' 940, CHLORIDE (MG/L AS CL),' UNIT=MG/L



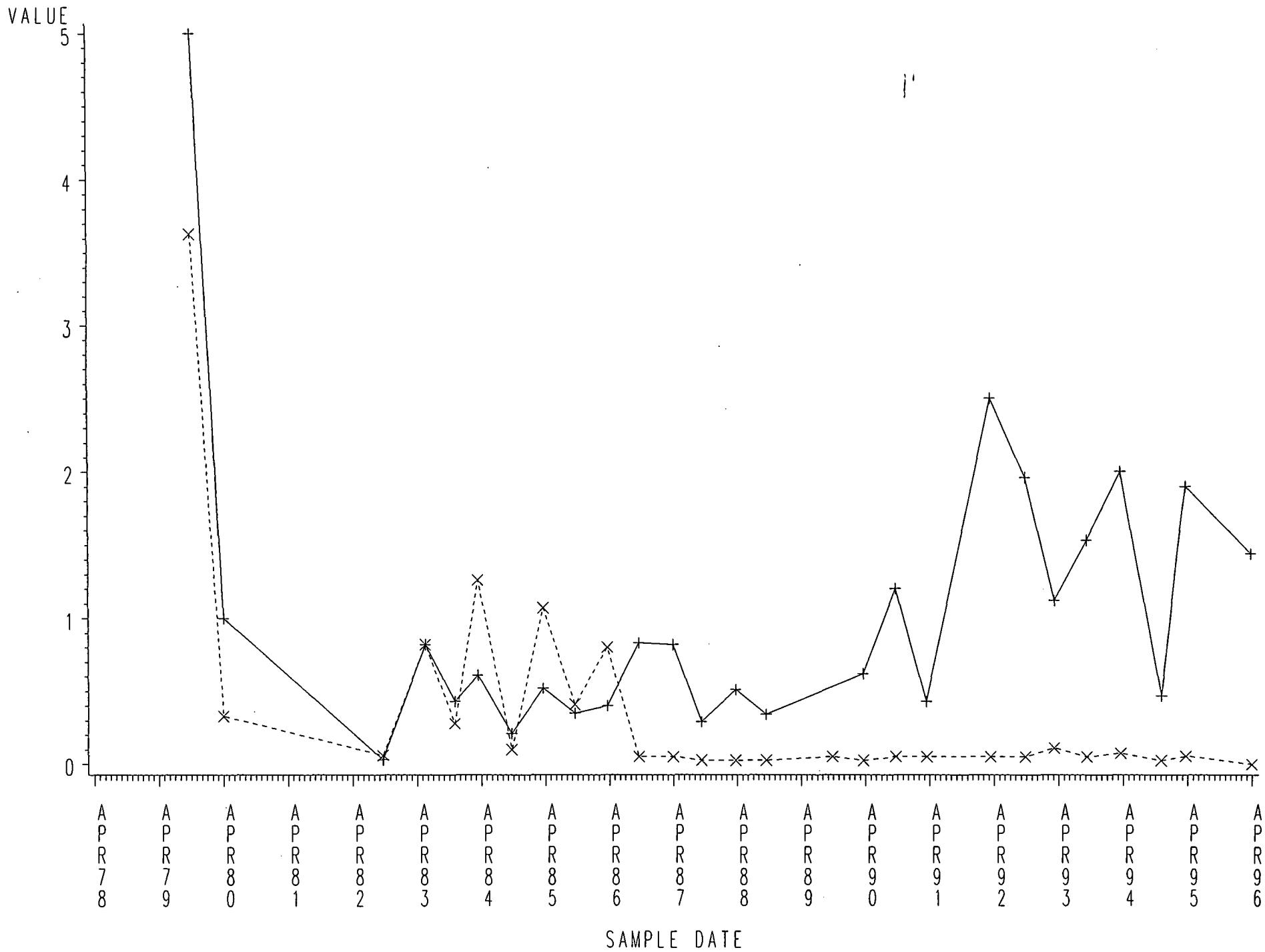
POINT +--+ (102) SB-2 *-*-* (103) SB-3



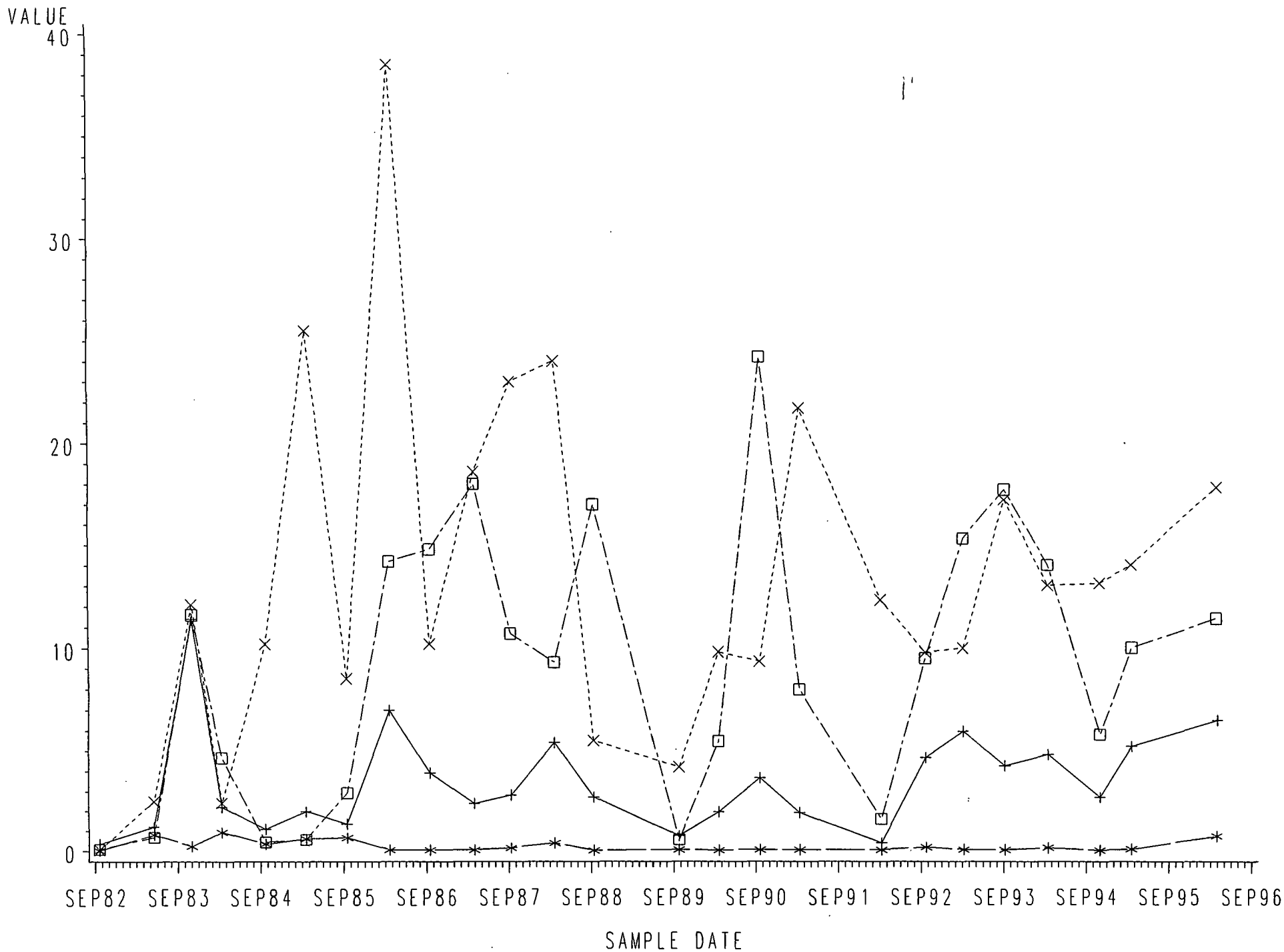
STOUGHTON CTY (AMUNDSON PARK) (133), PARAMETER=' 1046, IRON, DISSOLVED (MG/L AS FE),' UNIT=MG/L



POINT +--+ (101) SB-1 ABN *-*-* (105) SB-5-ABN *-*-* (106) SB-6-ABN

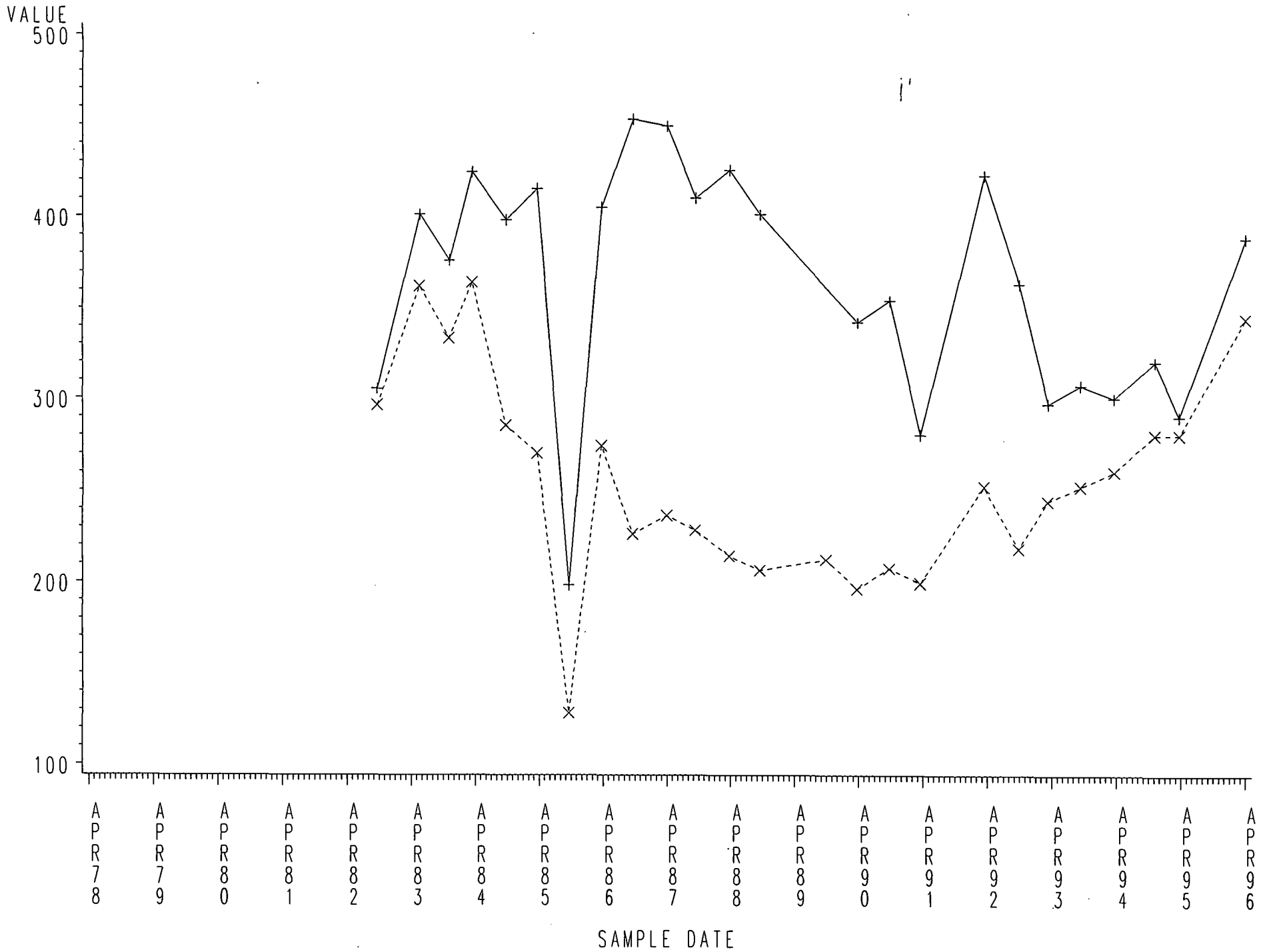


POINT +--+ (102) SB-2 *-*-* (103) SB-3

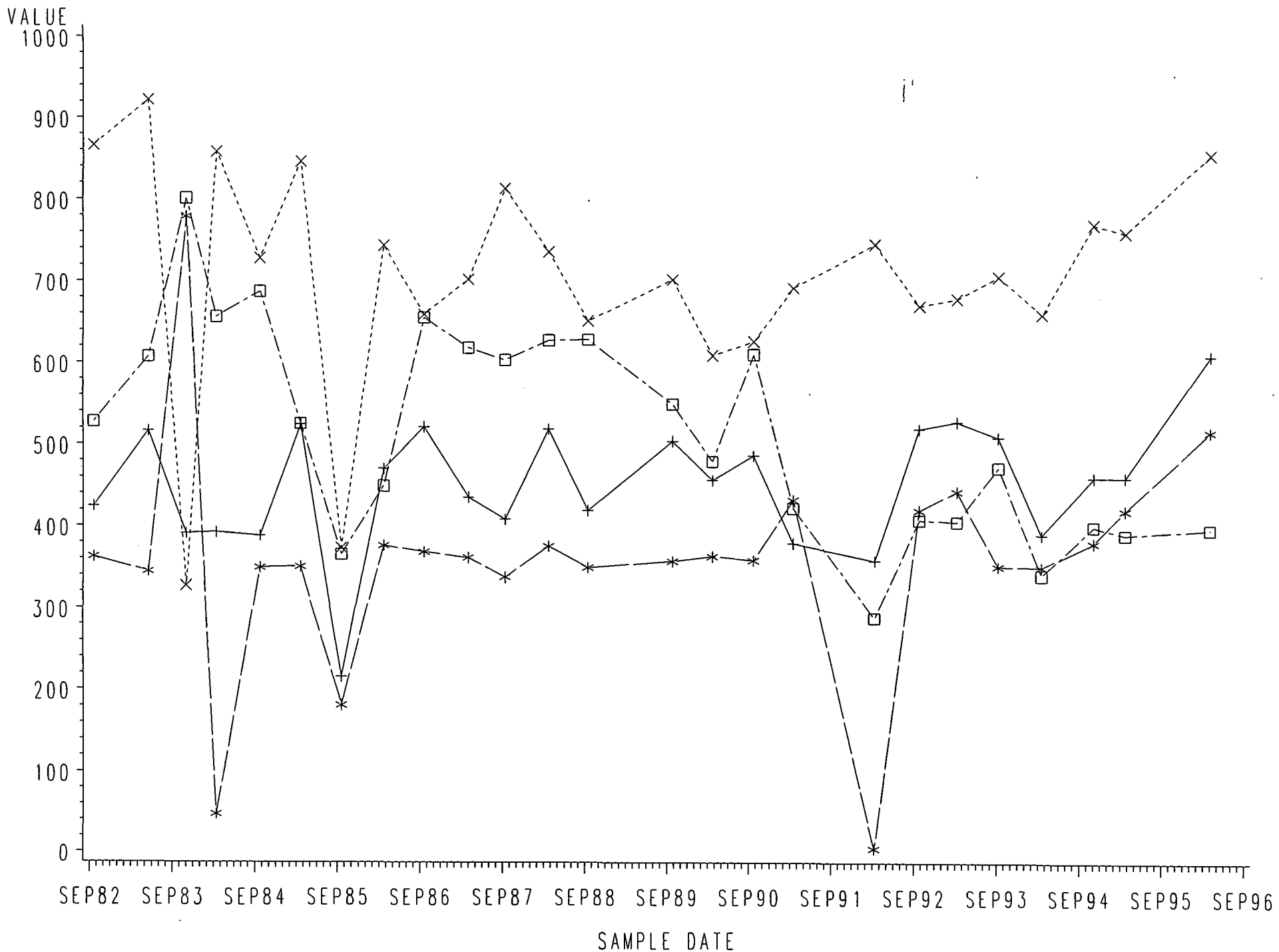


POINT +--+ (107) SB-1 *-*-* (108) SB-4 *-*- (109) SB-5 □-□-□ (110) SB-6

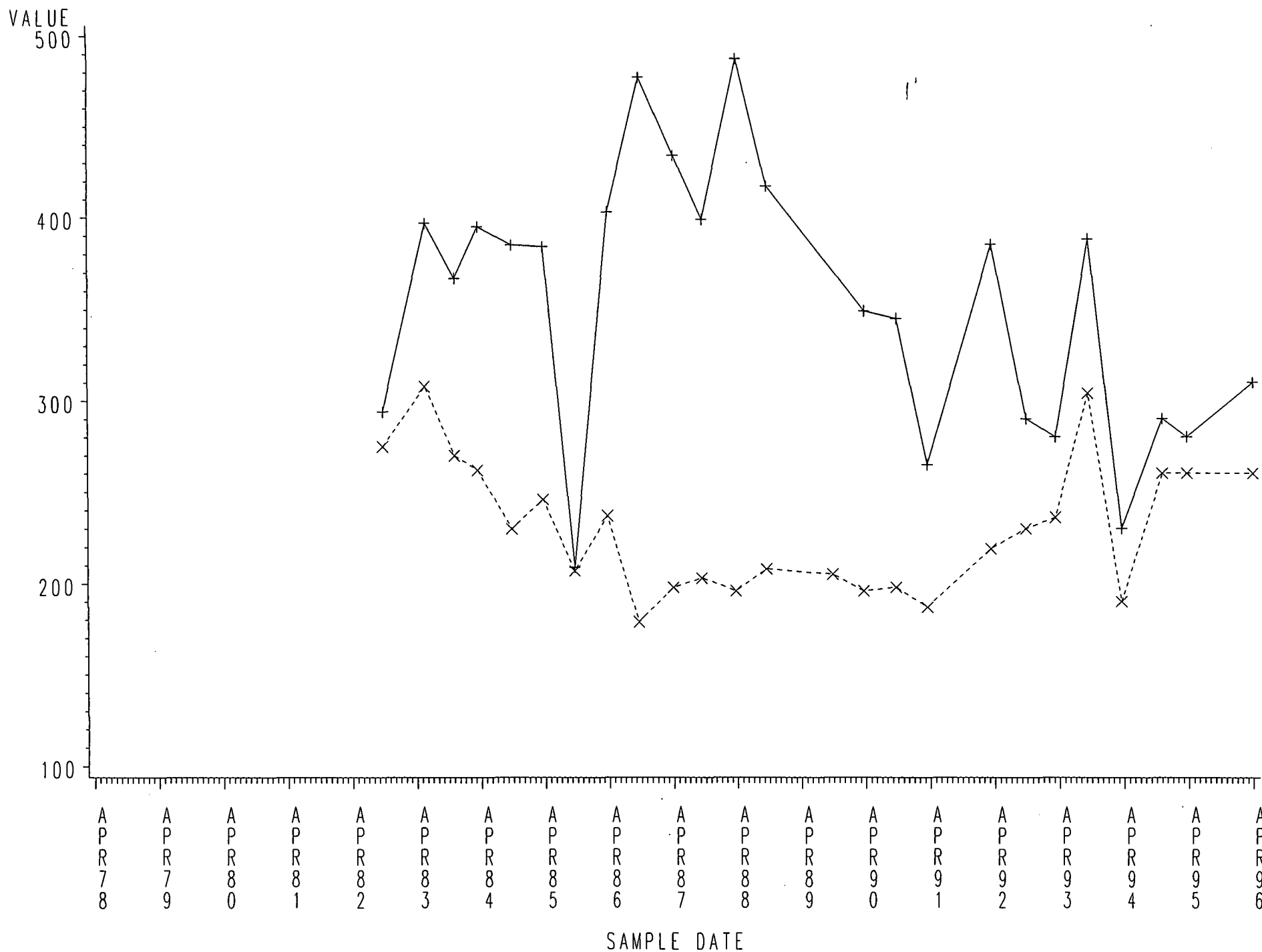
STOUGHTON CTY (AMUNDSON PARK) (133), PARAMETER=22413, HARDNESS, TOTAL, FILTERED (MG/, UNIT=MG/L



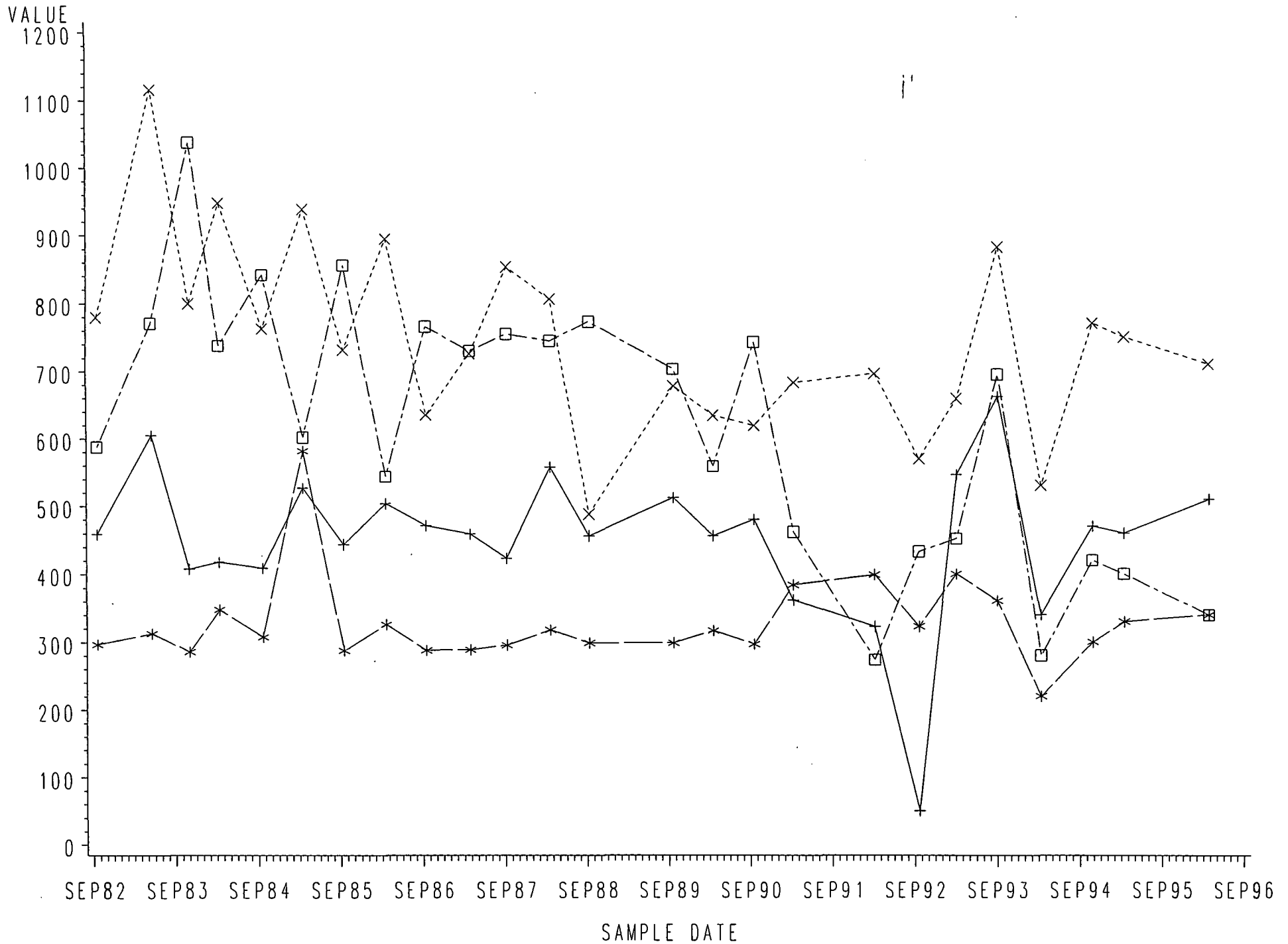
POINT +--+ (102) SB-2 *-*-* (103) SB-3



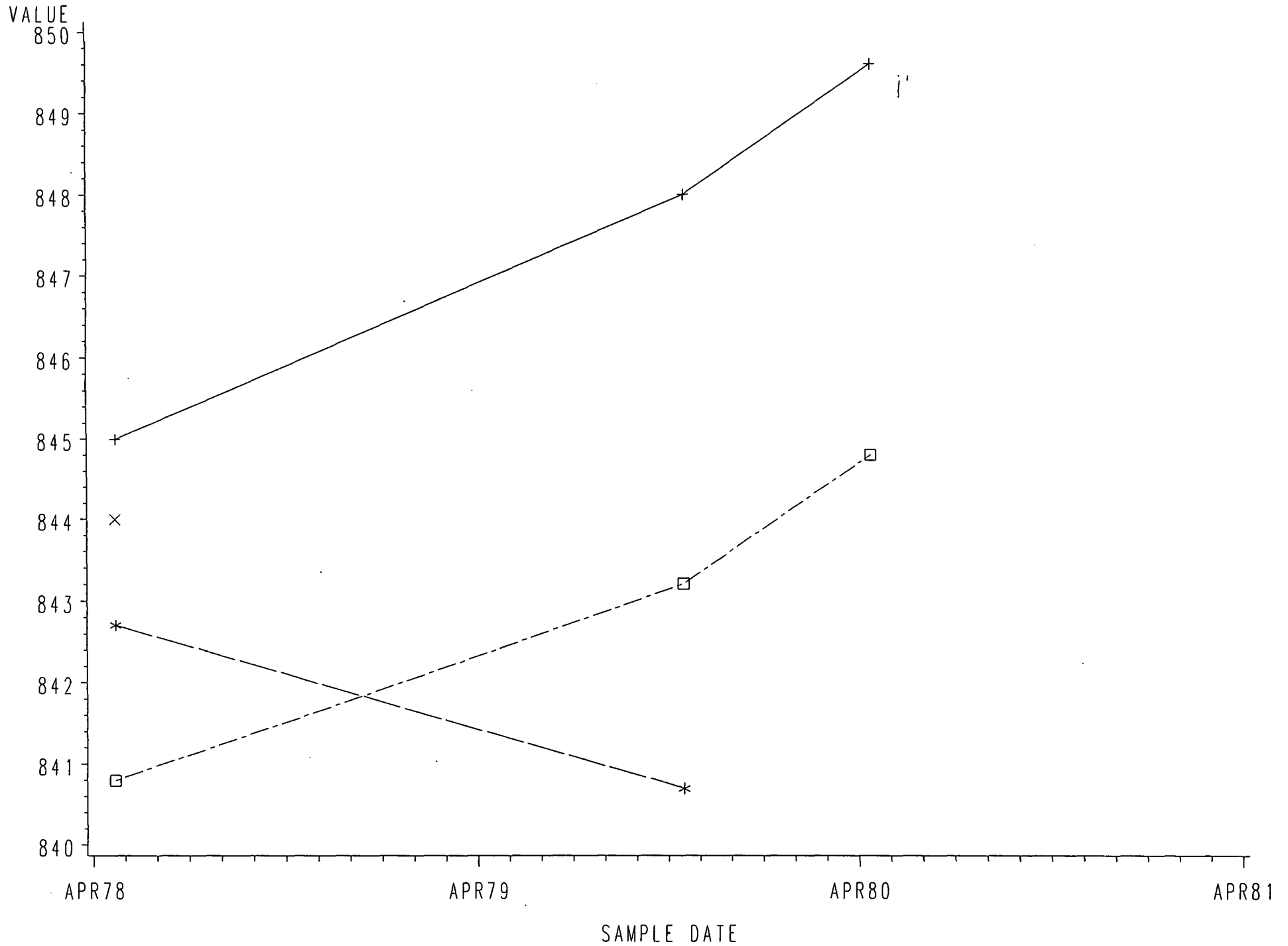
POINT +--+ (107) SB-1 *-x-* (108) SB-4 ***(109) SB-5 □-□-□ (110) SB-6



POINT +--+ (102) SB-2 *-*-* (103) SB-3



POINT +--+ (107) SB-1 *-*-* (108) SB-4 *-*- (109) SB-5 □-□-□ (110) SB-6



POINT +--+ (101) SB-1 ABN *-*-* (104) SB-4-ABN *-*-* (105) SB-5-ABN □-□-□ (106) SB-6-ABN

STOUGHTON CTY (AMUNDSON PARK) (133), PARAMETER=72020, ELEVATION, GROUNDWATER (FEET A, UNIT=FEET, A

