

CHART NO. XCB1

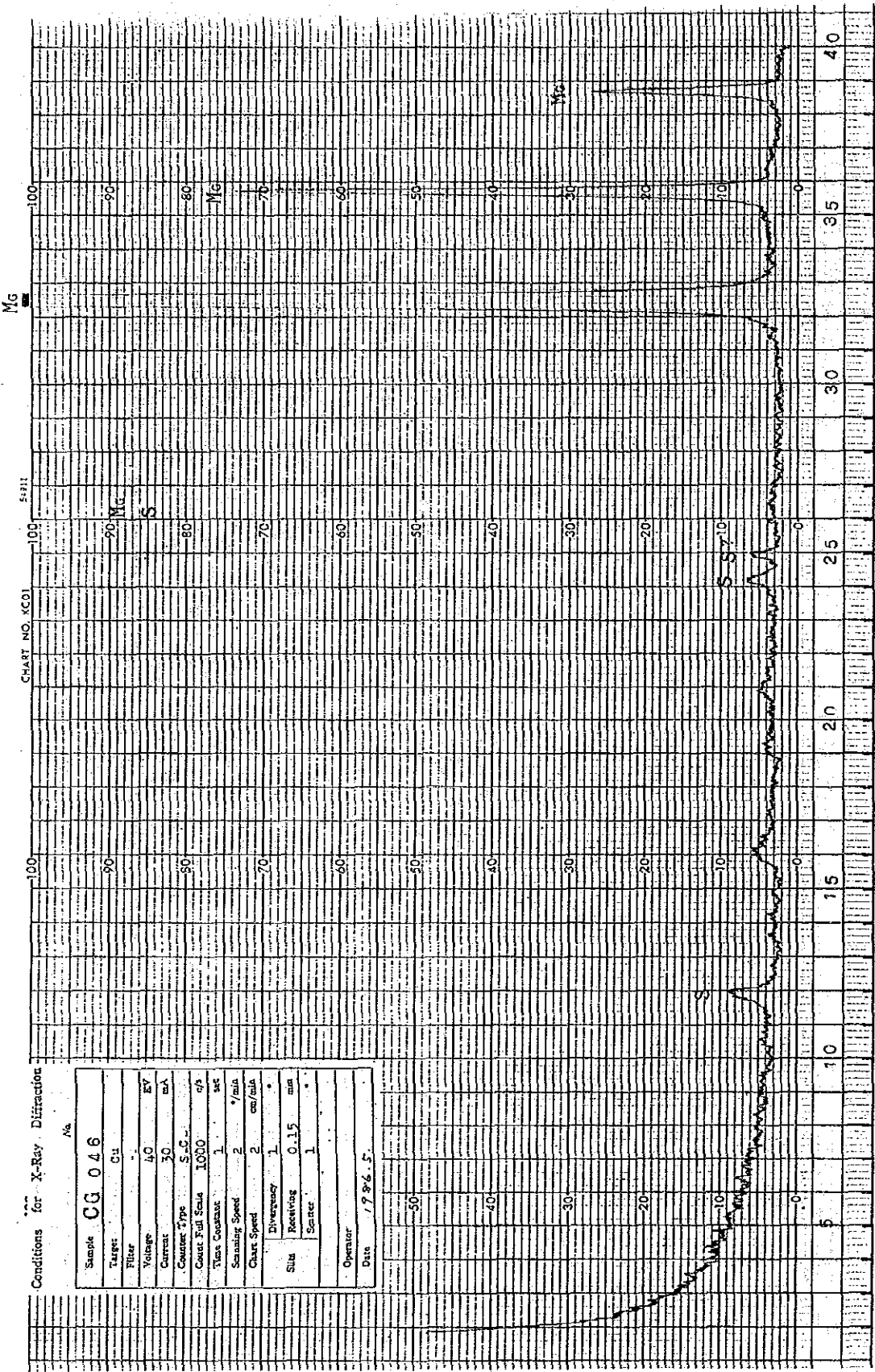
Conditions for X-Ray Diffraction

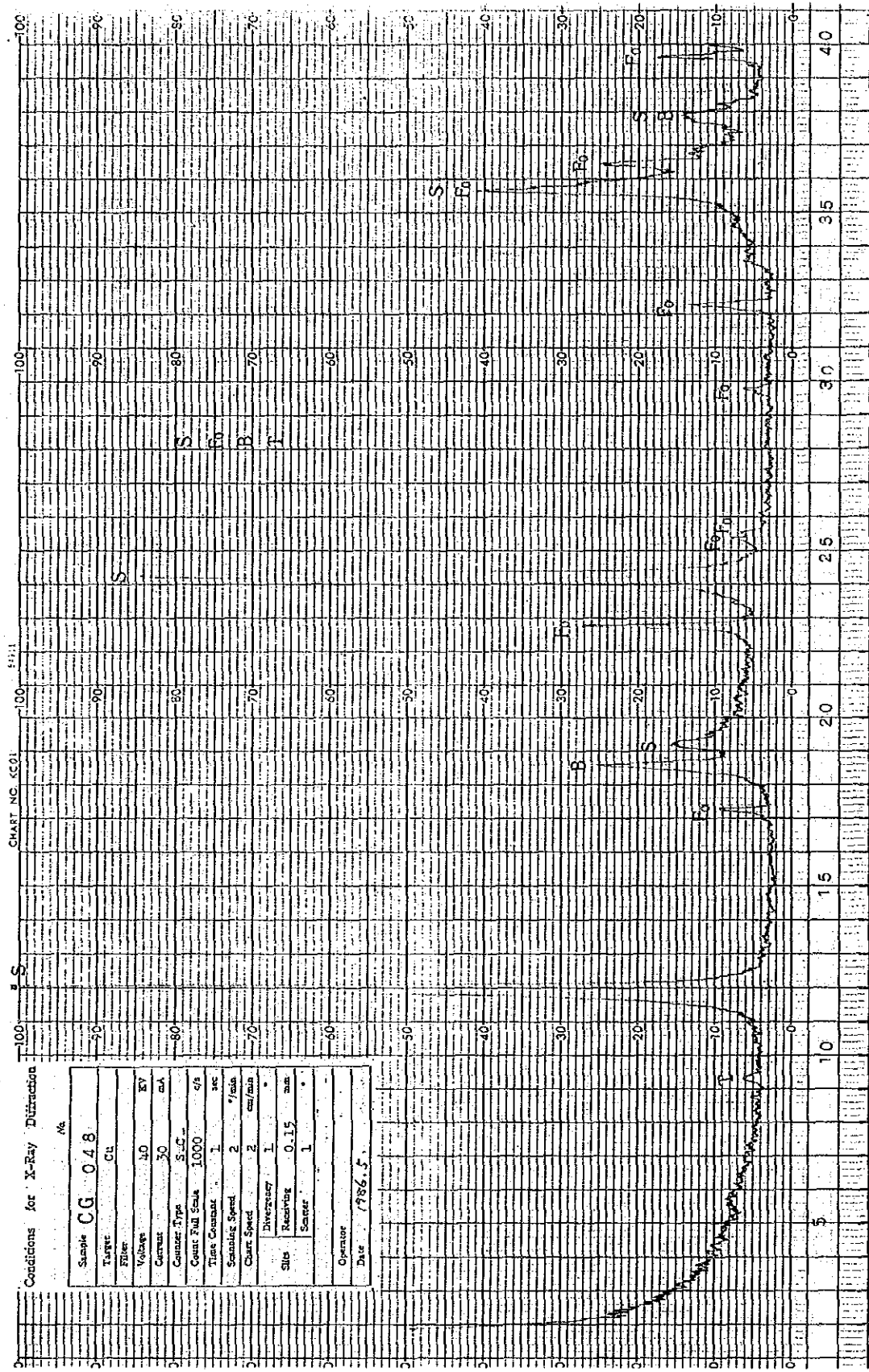
Sample	CJ 031
Target	Cu
Filter	S
Voltage	40 KV
Current	30 mA
Counter Type	S-C-
Count Per Sec	1000
Time Constant	1 sec
Scanning Speed	2 °/min
Chart Speed	2 cm/min
Slits	Divergency 1°
	Receiving 0.15 mm
	Sample 1°
Operator	
Date	7/26/57



Conditions for X-Ray Diffraction

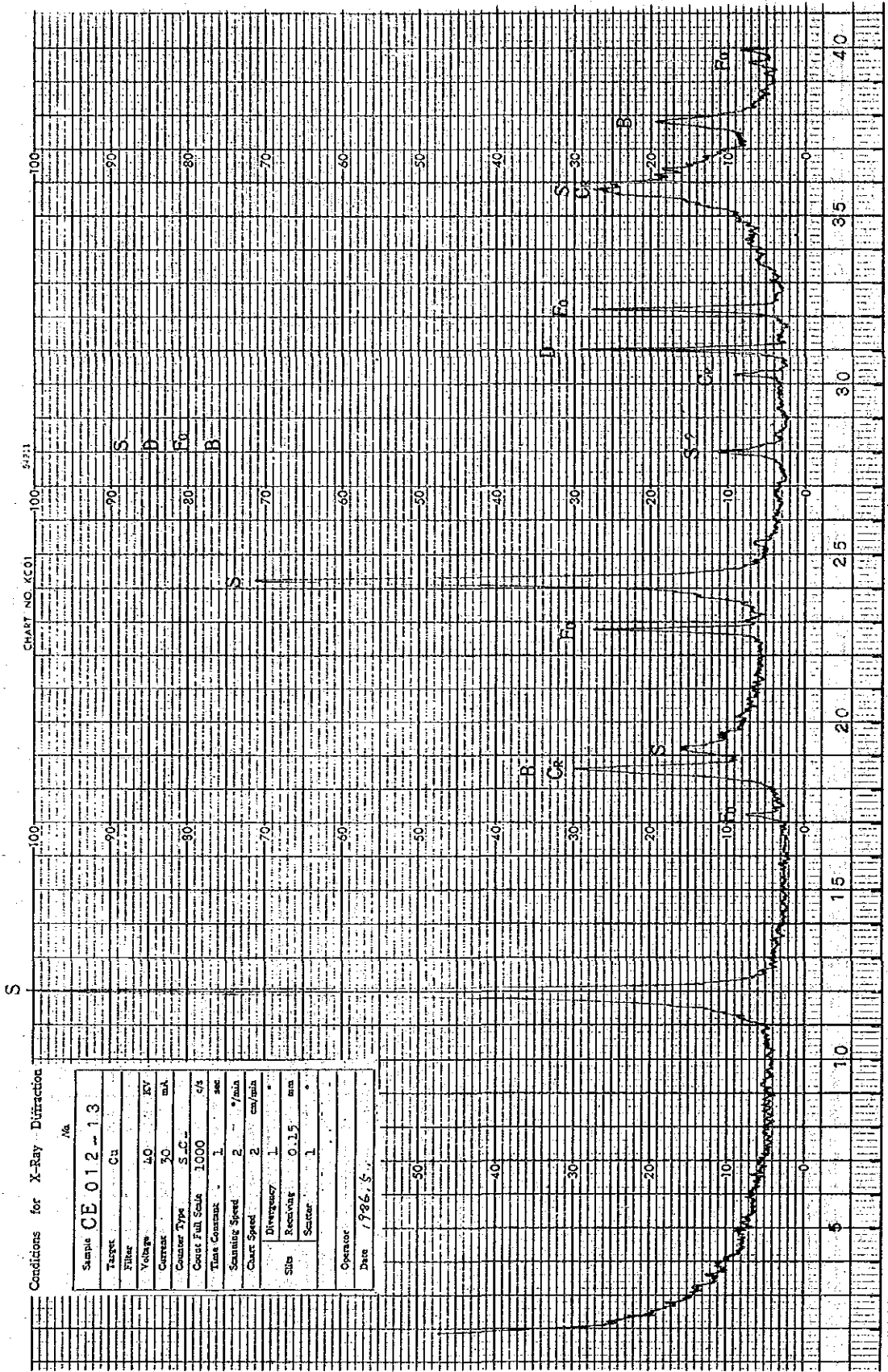
Sample	CG 046	
Target	Cu	
Filter		
Voltage	40	EV
Current	30	mA
Counter Type	S-5	
Count Full Scale	1000	cp
Flux Constant	1	sec
Scanning Speed	2	°/min
Chart Speed	2	cm/min
Divergency	1	°
Slit	Receiving 0.15	mm
Source	1	°
Operator		
Date	1986.5.	

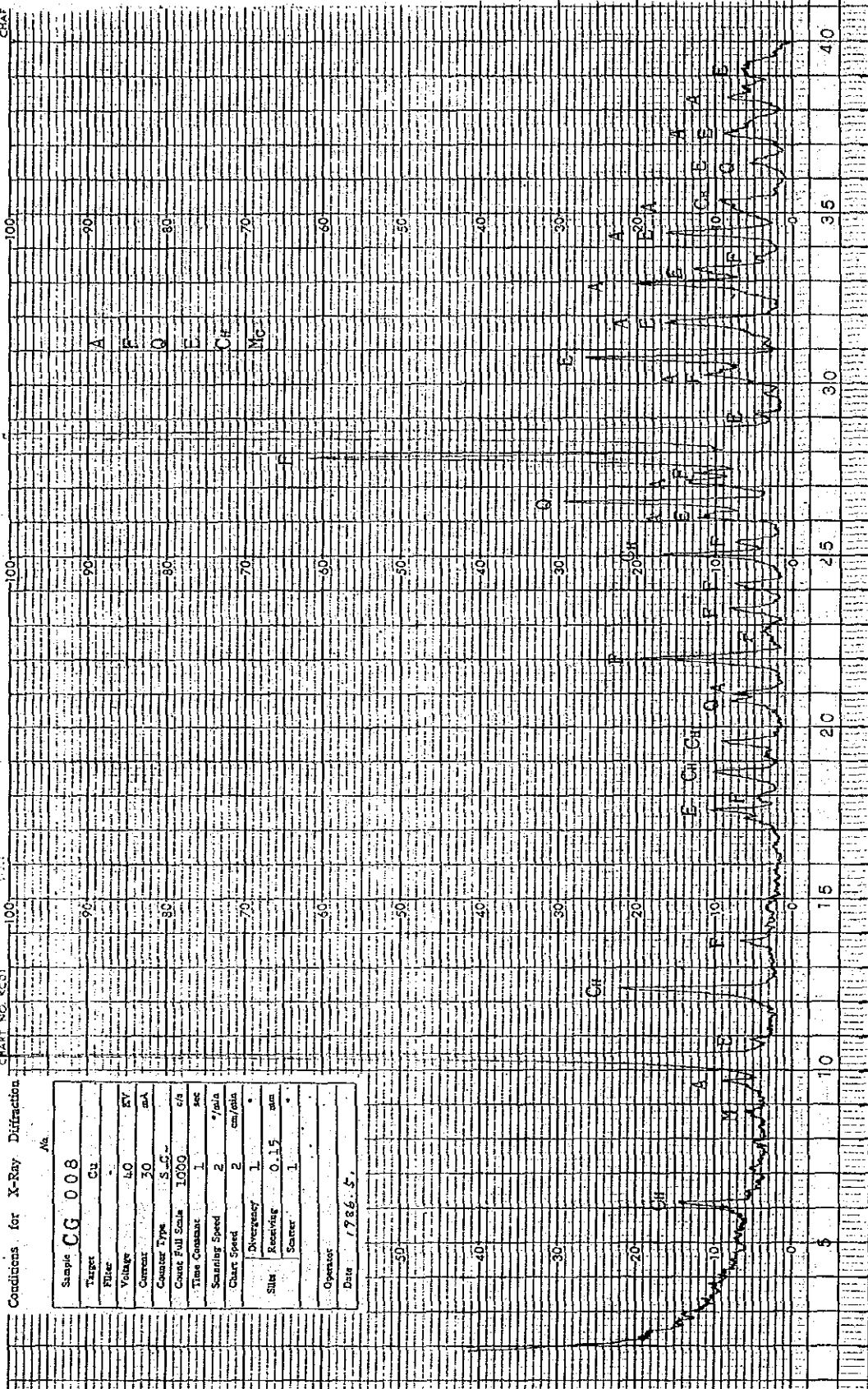




Conditions for X-Ray Diffraction

Sample	CE 012-13
Target	CU
Filter	
Voltage	40 KV
Current	30 mA
Counter Type	S-G
Count Full Scale	1000 c/s
Time Constant	1 sec
Scanning Speed	2 °/min
Chart Speed	2 cm/min
Divergency	1 °
Slit	Receiving 0.15 mm
Sector	1 °
Operator	
Date	1966.5.





Conditions for X-Ray Diffraction

Sample	CG 008
Target	Cu
Filter	
Voltage	40 KV
Current	20 mA
Counter Type	S.G.
Count Full Scale	1000 c/s
Time Constant	1 sec
Scanning Speed	2 °/min
Chart Speed	2 cm/min
Divergency	1 °
Slits	Receiving 0.15 mm
Scatterer	1
Operator	
Date	7.8.6.5.

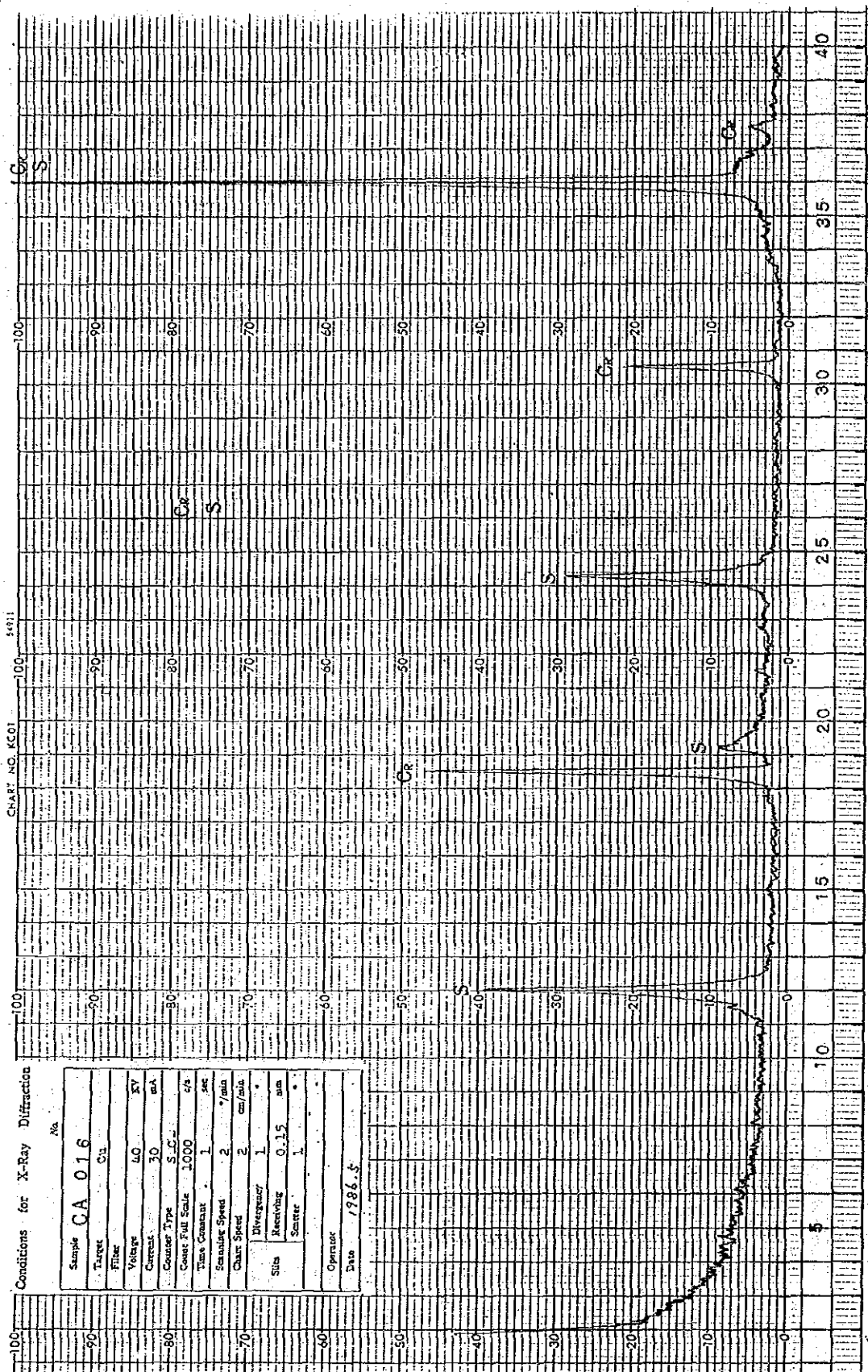


CHART NO. K601 54911

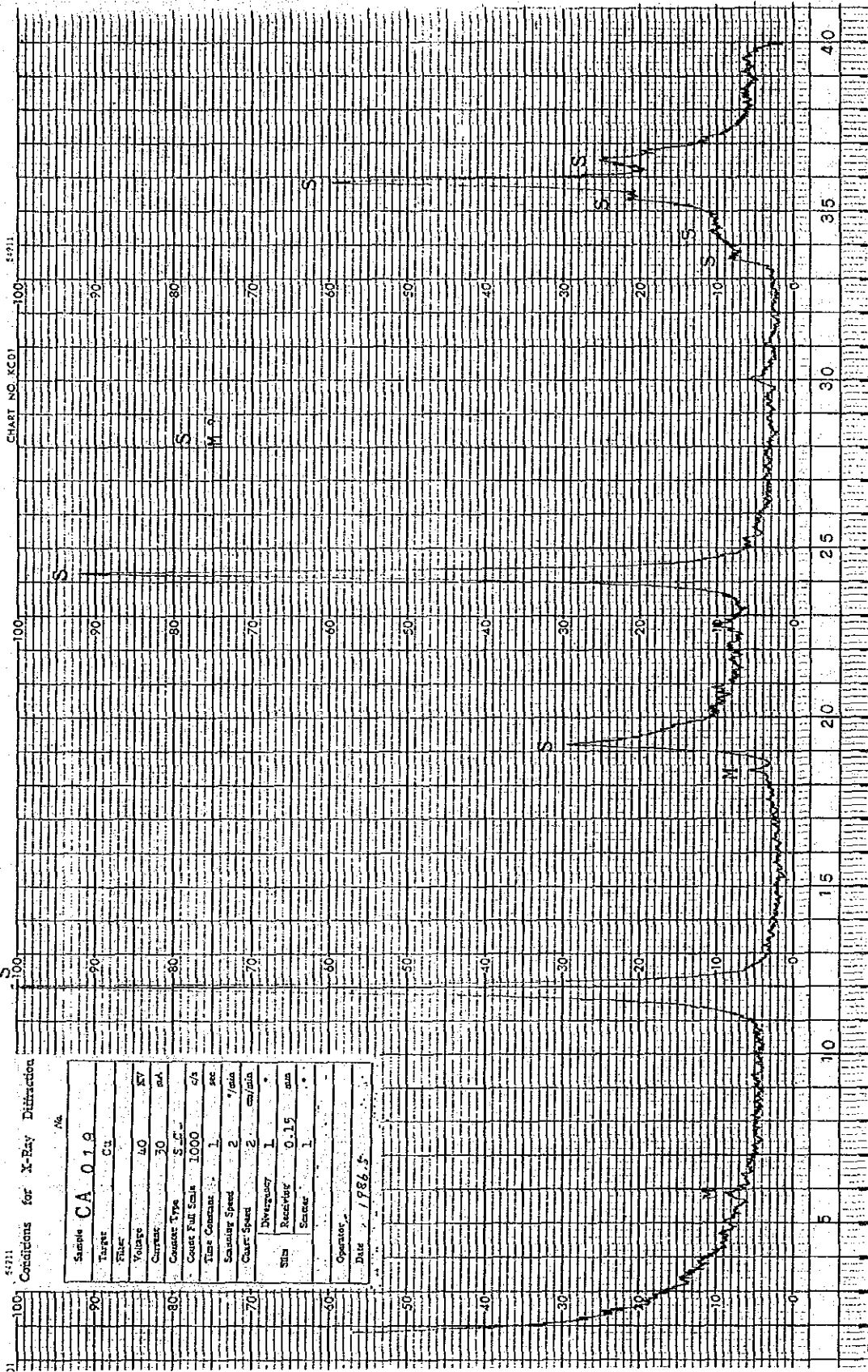
Conditions for X-Ray Diffraction

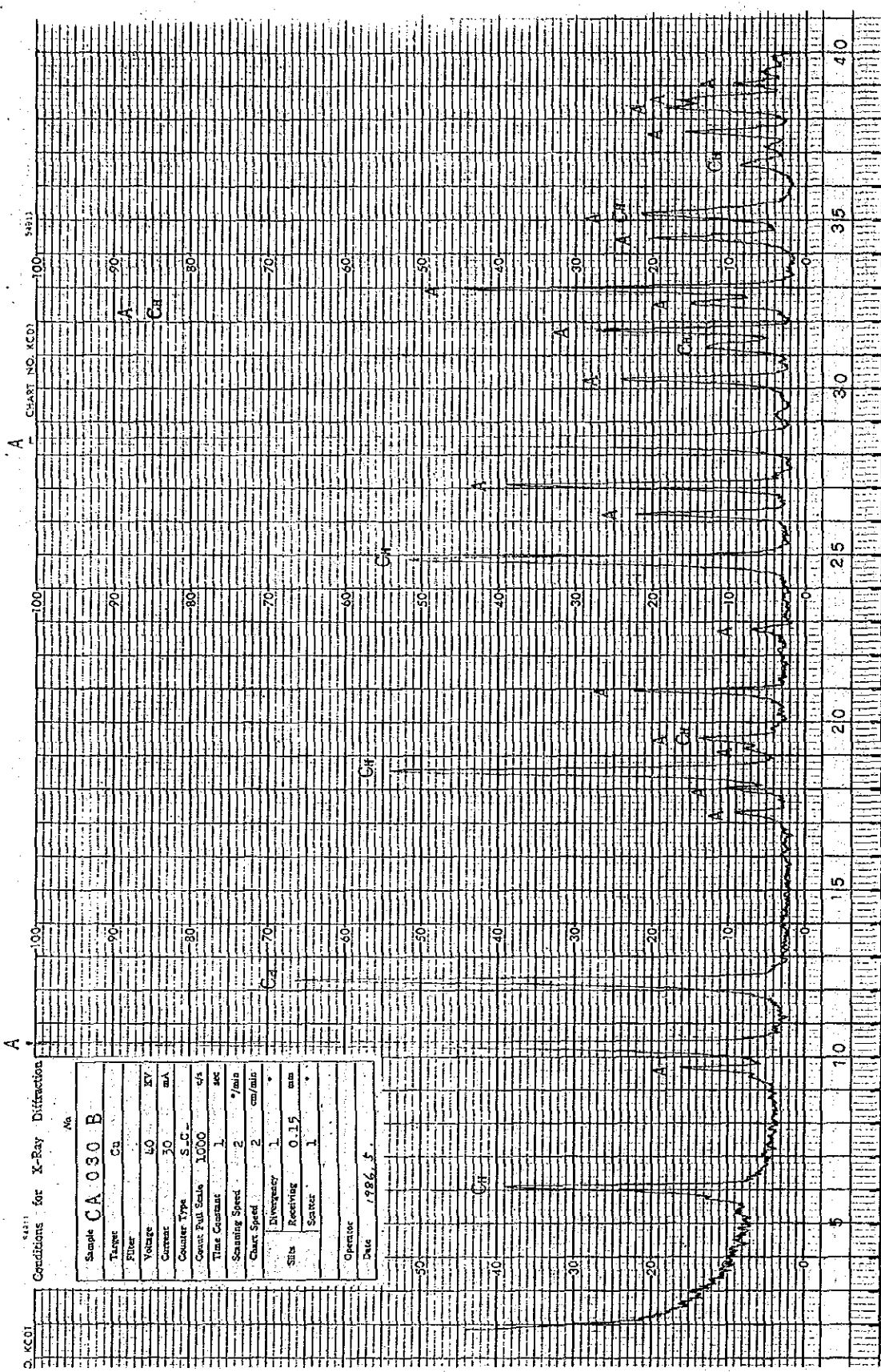
Sample	CA 016
Target	Cu
Filter	
Voltage	40 KV
Current	30 mA
Counter Type	S.C.C.
Count Full Scale	1000 c/s
Time Constant	1 sec
Rotating Speed	2 °/min
Chart Speed	2 cm/min
Slits	Divergence 1 °
	Receiving 0.15 mm
	Sample 1 °
Operator	
Date	1986.5

54211 CHART NO. KC01 54211

Conditions for X-Ray Diffraction

Sample	CA 019
Target	Cu
Filament	
Voltage	40 KV
Current	30 mA
Counter Type	S.S.
Counter Full Scale	1000 c/A
Time Constant	1 sec
Scanning Speed	2 °/min
Chart Speed	2 cm/min
Divergency	1 °
Slits	
Receiving	0.15 mm
Scatter	1 °
Operator	
Date	1/28/55



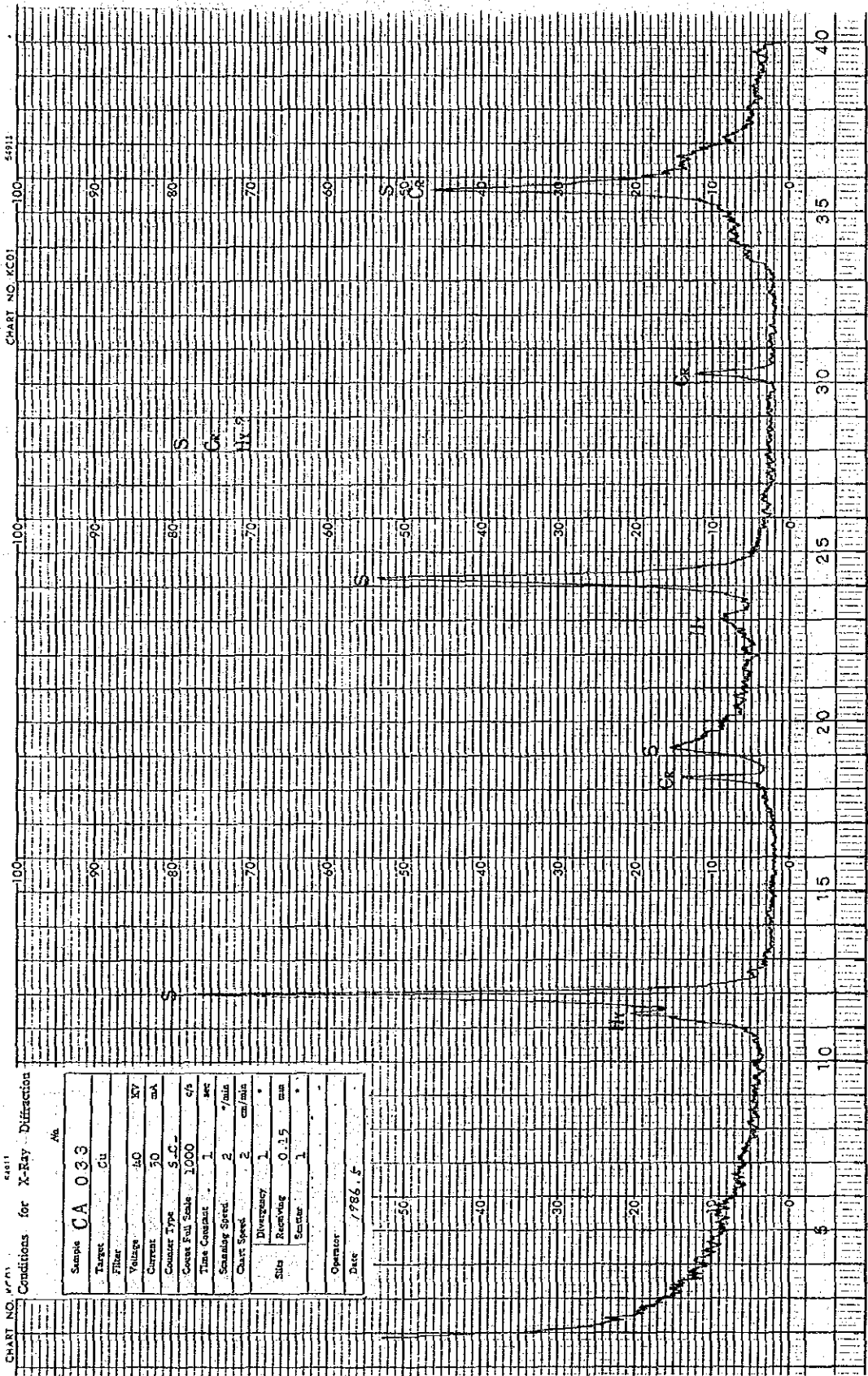


Conditions for X-Ray Diffraction

Sample	CA 030 B
Target	Cu
Filter	LiF
Voltage	40 KV
Current	30 mA
Counter Type	S.C.
Count Full Scale	10000
Time Constant	1
Scanning Speed	2 °/min
Chart Speed	2 cm/min
Divergency	1 °
Slits	Receiving 0.15 mm
Scatter	1 °
Operator	
Date	1986.5.

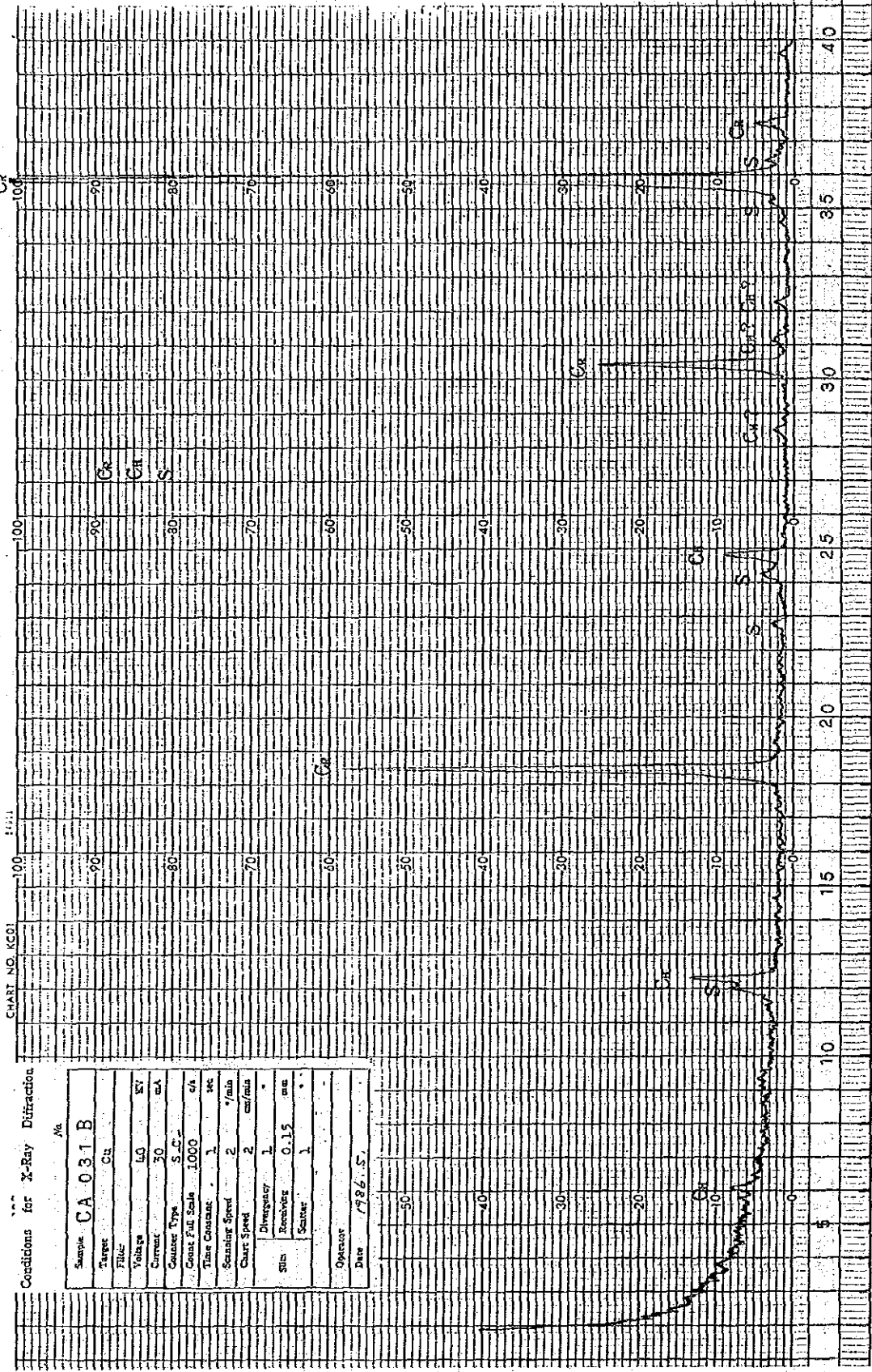
CHART NO. 44811
 Conditions for X-Ray Diffraction

Sample	CA 033
Target	Cu
Filter	
Voltage	40 KV
Current	50 mA
Counter Type	S.C.
Counter Full Scale	1000 cps
Time Constant	1 sec
Scanning Speed	2 °/min
Chart Speed	2 cm/min
Divergency	1 °
Slit	Receiving 0.15 mm
Sector	1 °
Operator	
Date	1986.5



Conditions for X-Ray Diffraction

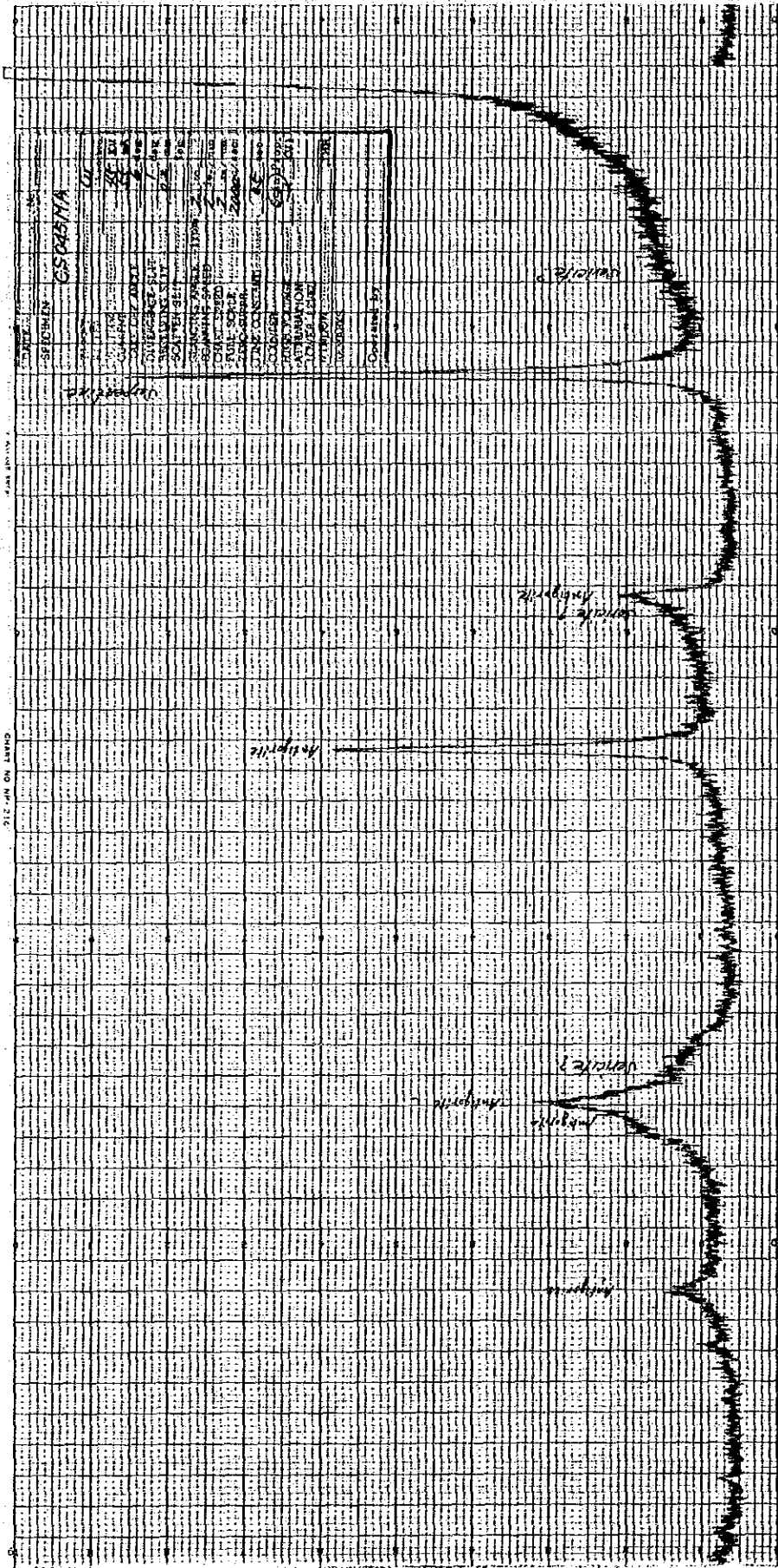
Sample	CA 031 B
Target	Cr
Filter	
Voltage	40 KV
Current	30 mA
Goniometer	S.C.
Count Full Scale	1000 c/s
Time Constant	1 sec
Scanning Speed	2 °/min
Chart Speed	2 cm/min
Divergency	1 °
Slits	Receiving 0.15 mm
Scatter	1 °
Operator	
Date	1/26/57

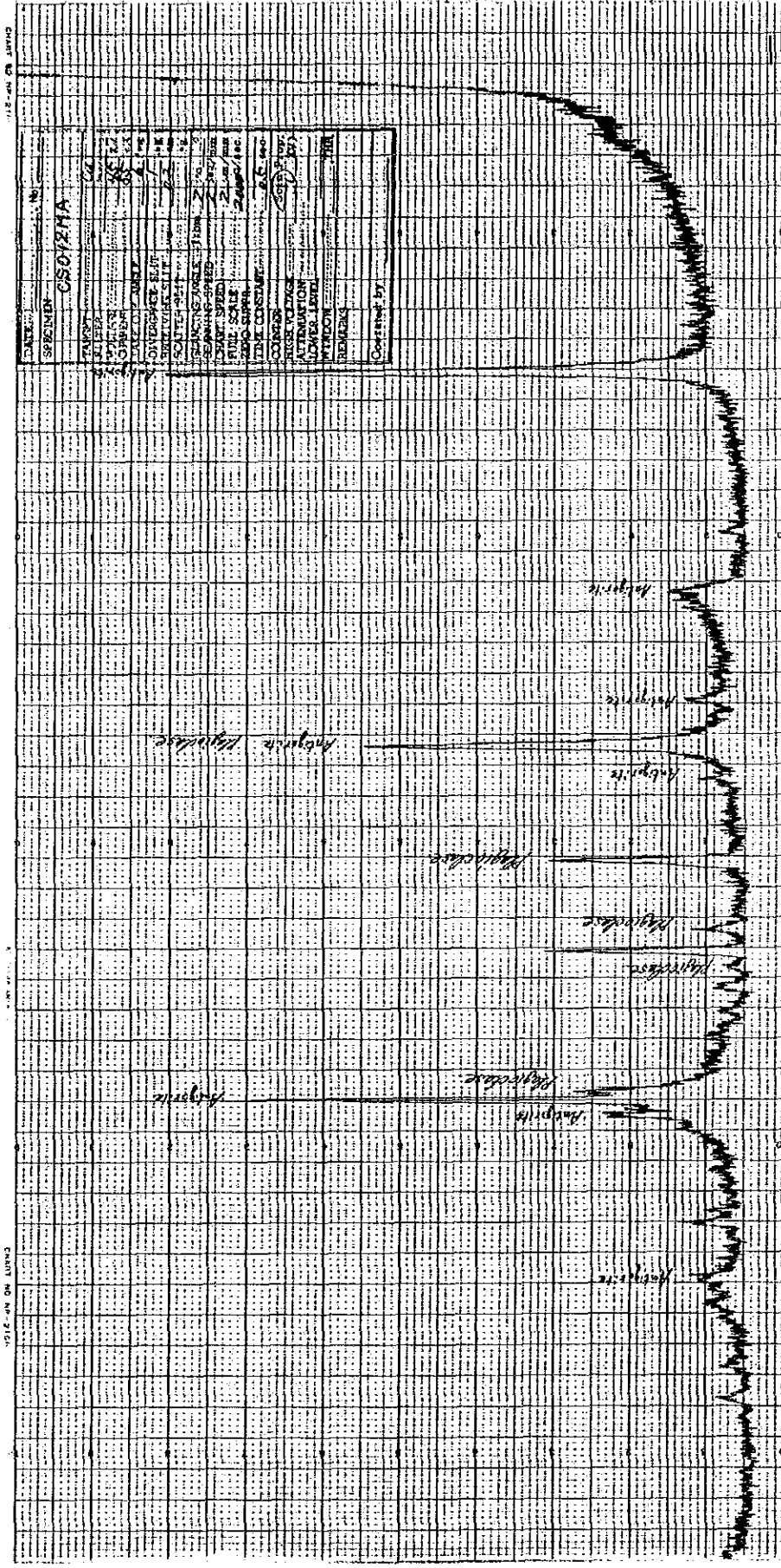


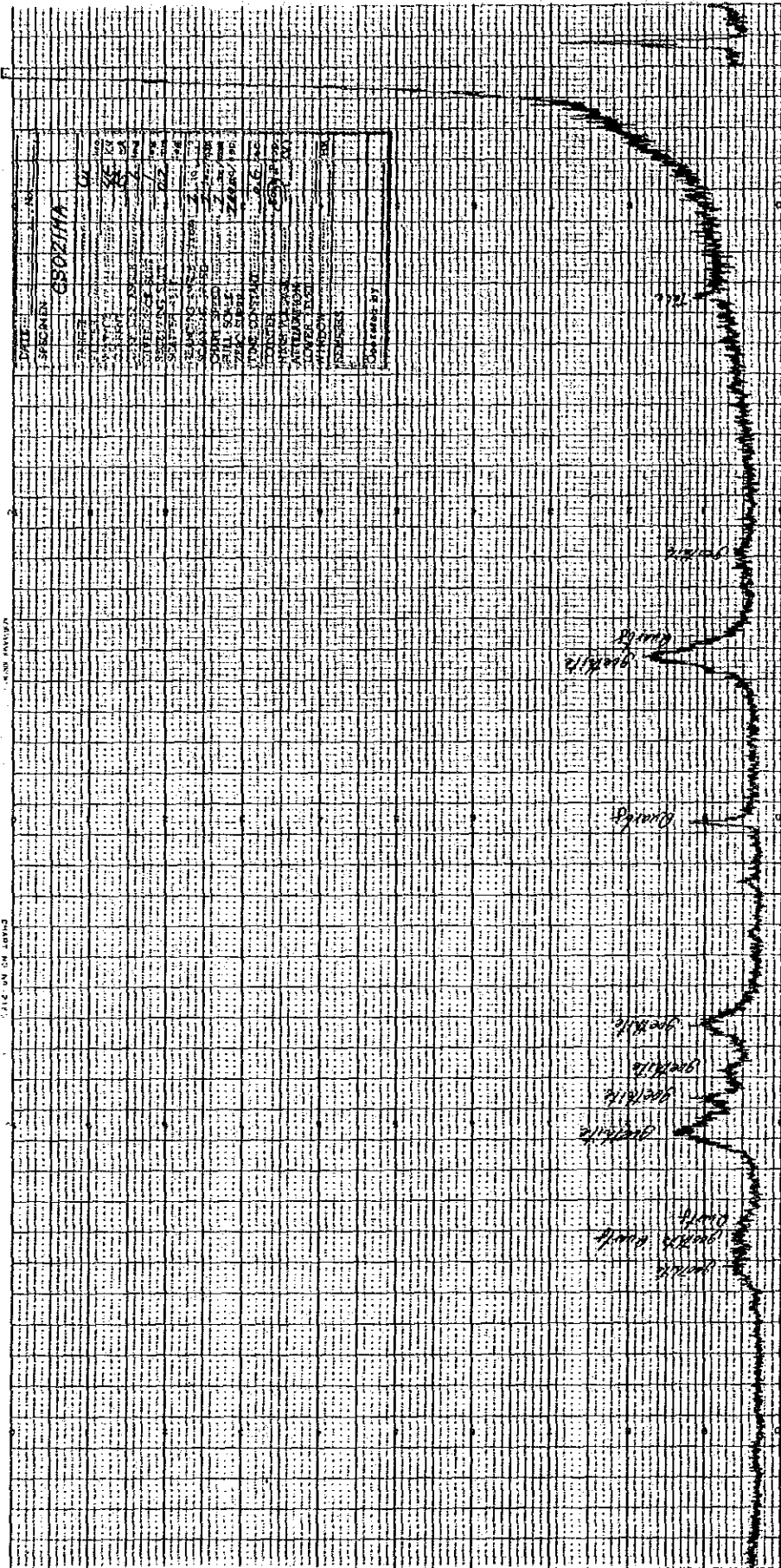
Appendix 5-4 Result of X-Ray Diffraction Analysis (Nara Area)

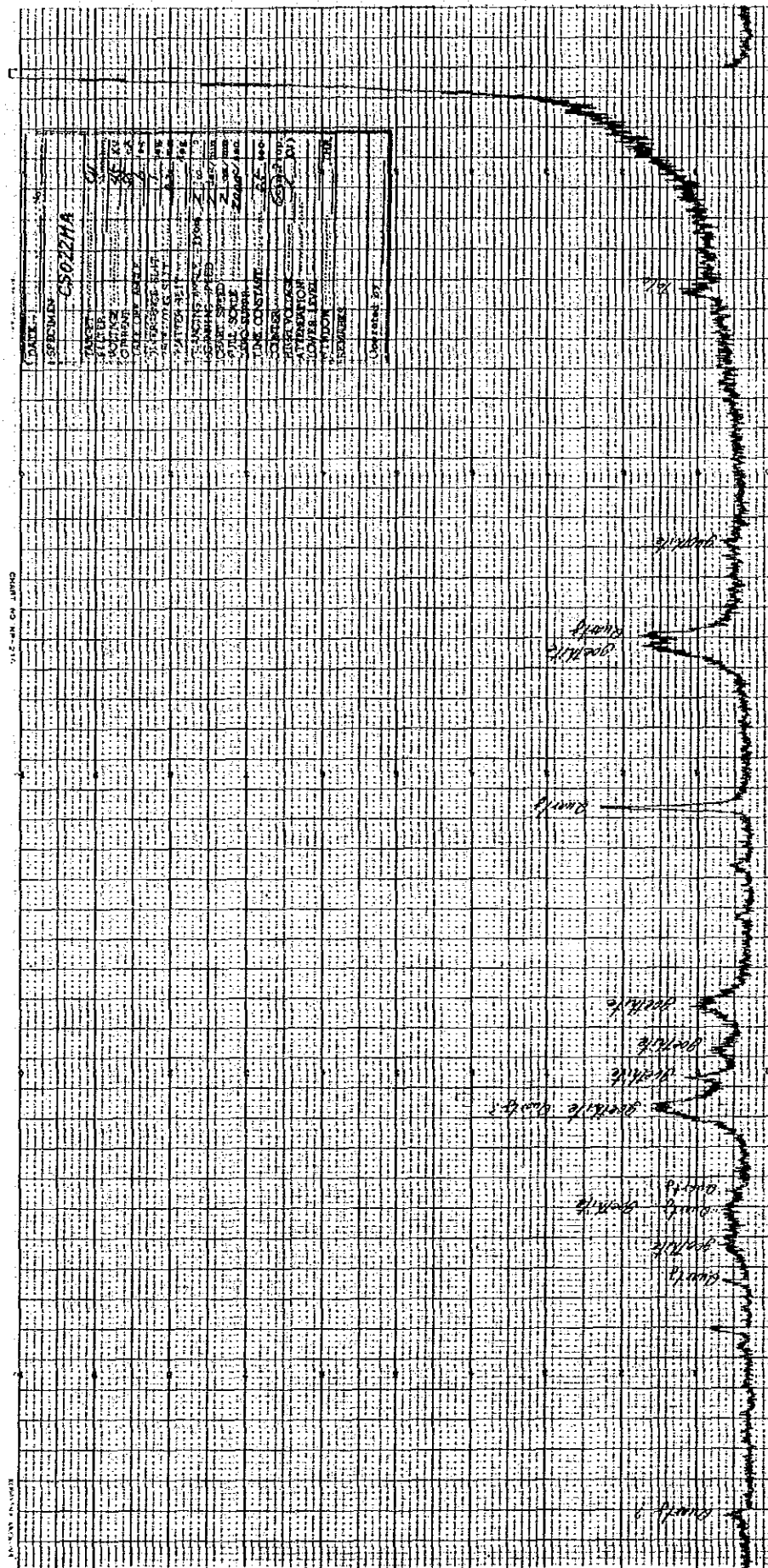
Estimated Mineral	Stilbite	Chlorite	Sericite	Kaoline	Calcite	Quartz	Plagioclase	Goethite	Talc	Crandallite	Antigorite	Hydrogrossulaire						
Sample																		
CV001R		△		△								◎						
CT017R	●	△				○	◎											
CS045Ma			●?								◎							
CS012Ma							○				◎							
CS021Ma						△		○	●									
CS022Ma						△		○	△									
CS023Ma						○		●			○							
CS024Ma			●?			◎					○							
CT01S12					◎													
CT02S12																		
										◎								

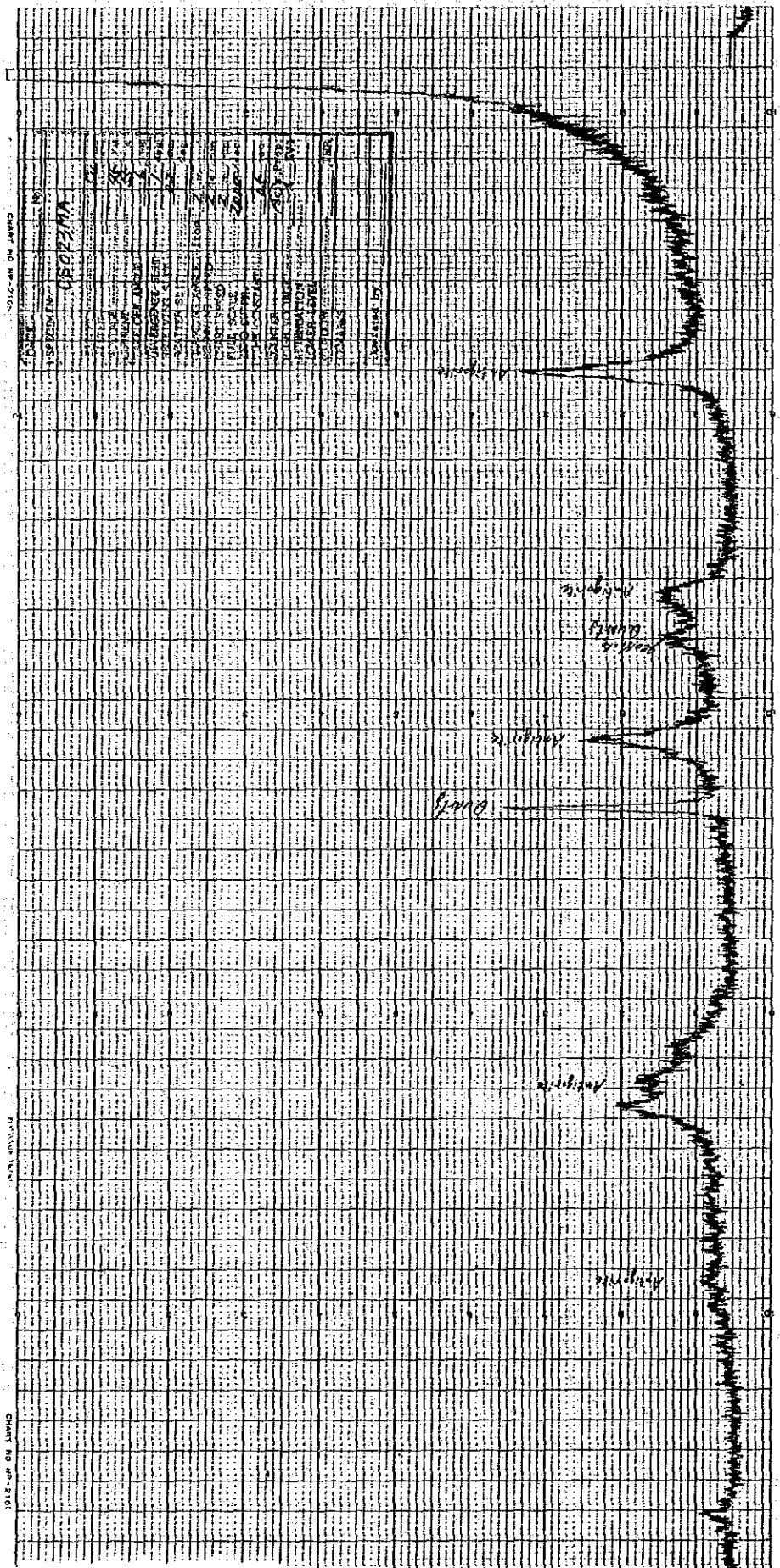
◎ Abundant ○ Medium △ Small ● Rare

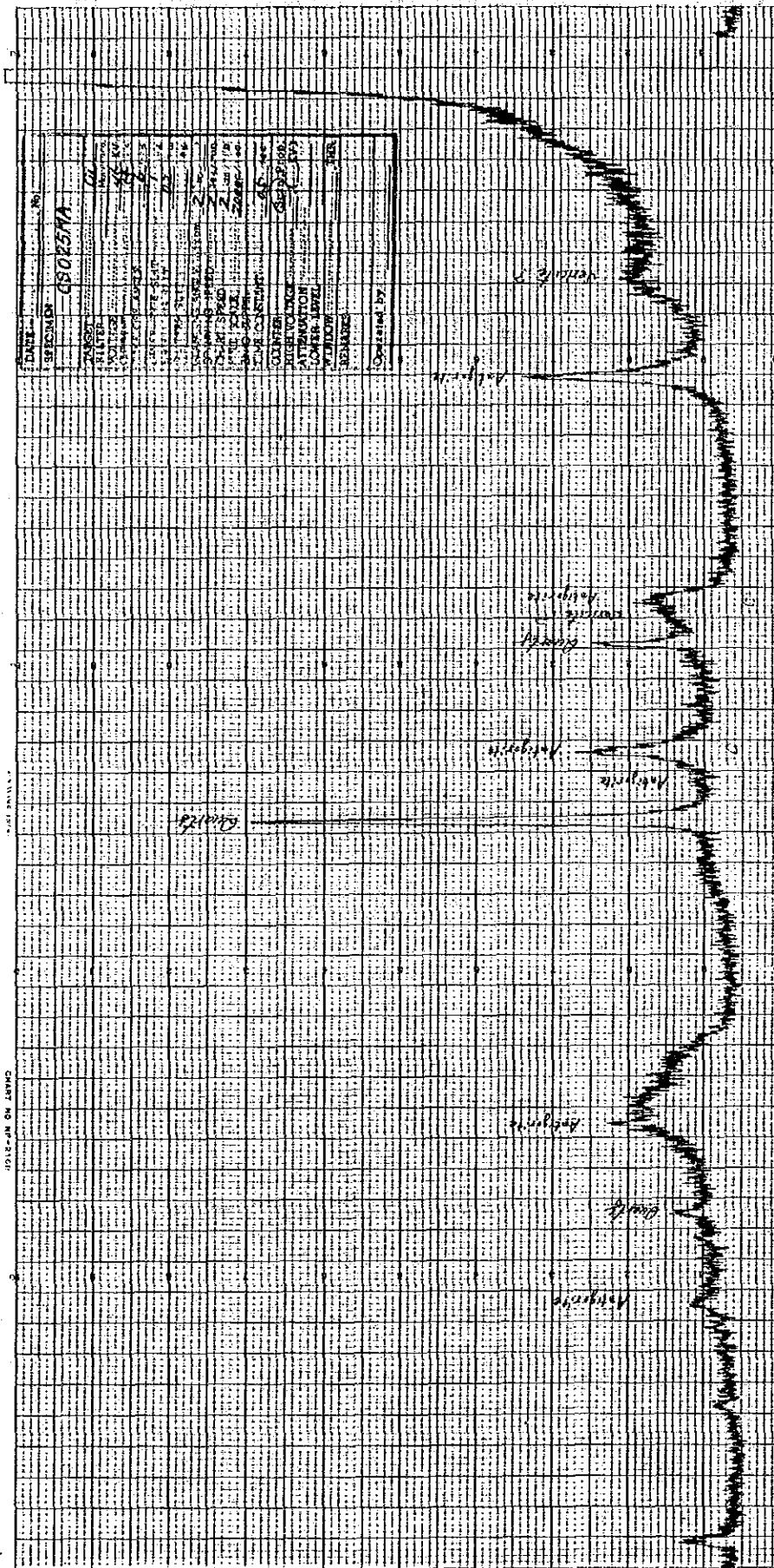


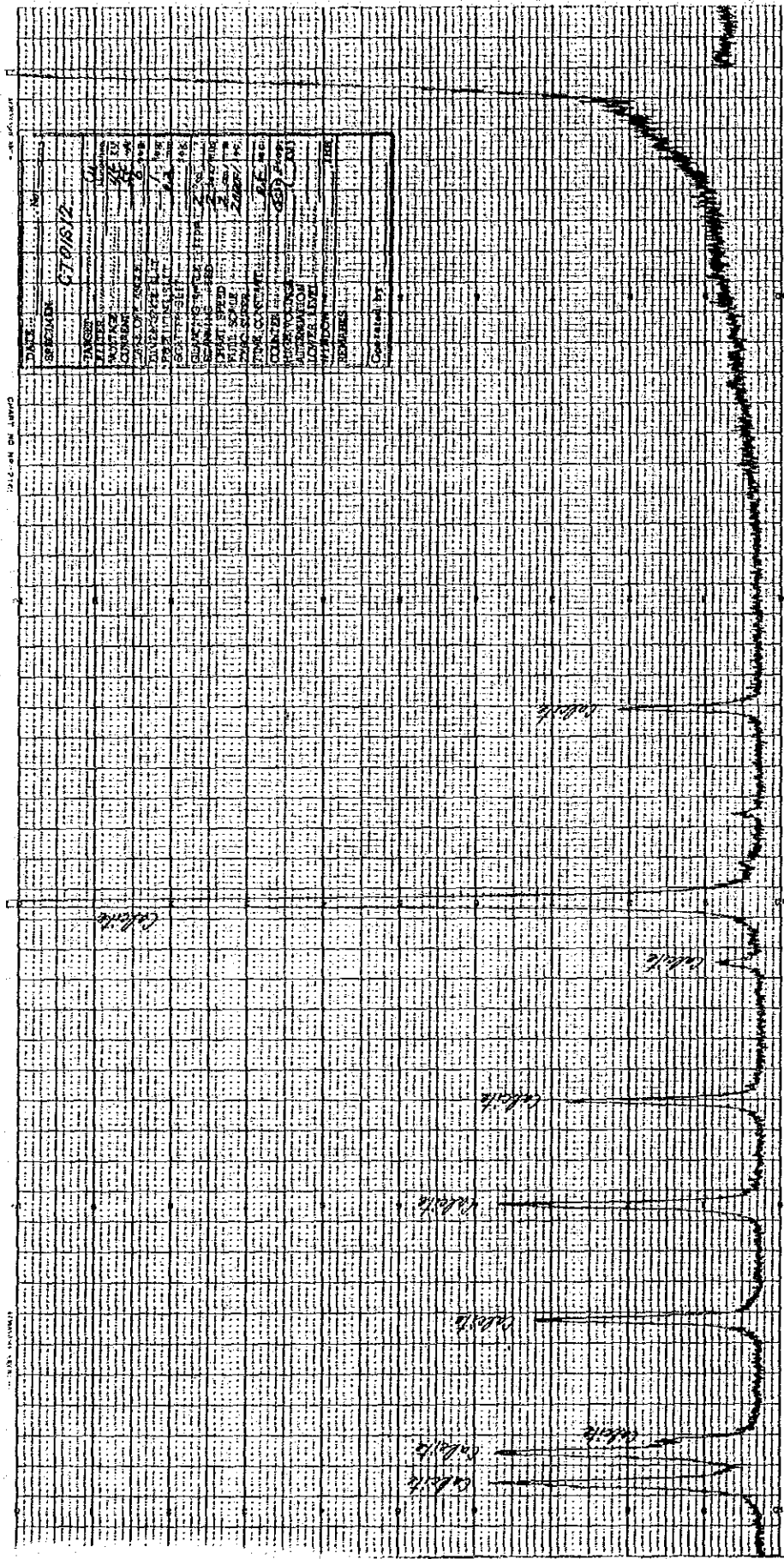


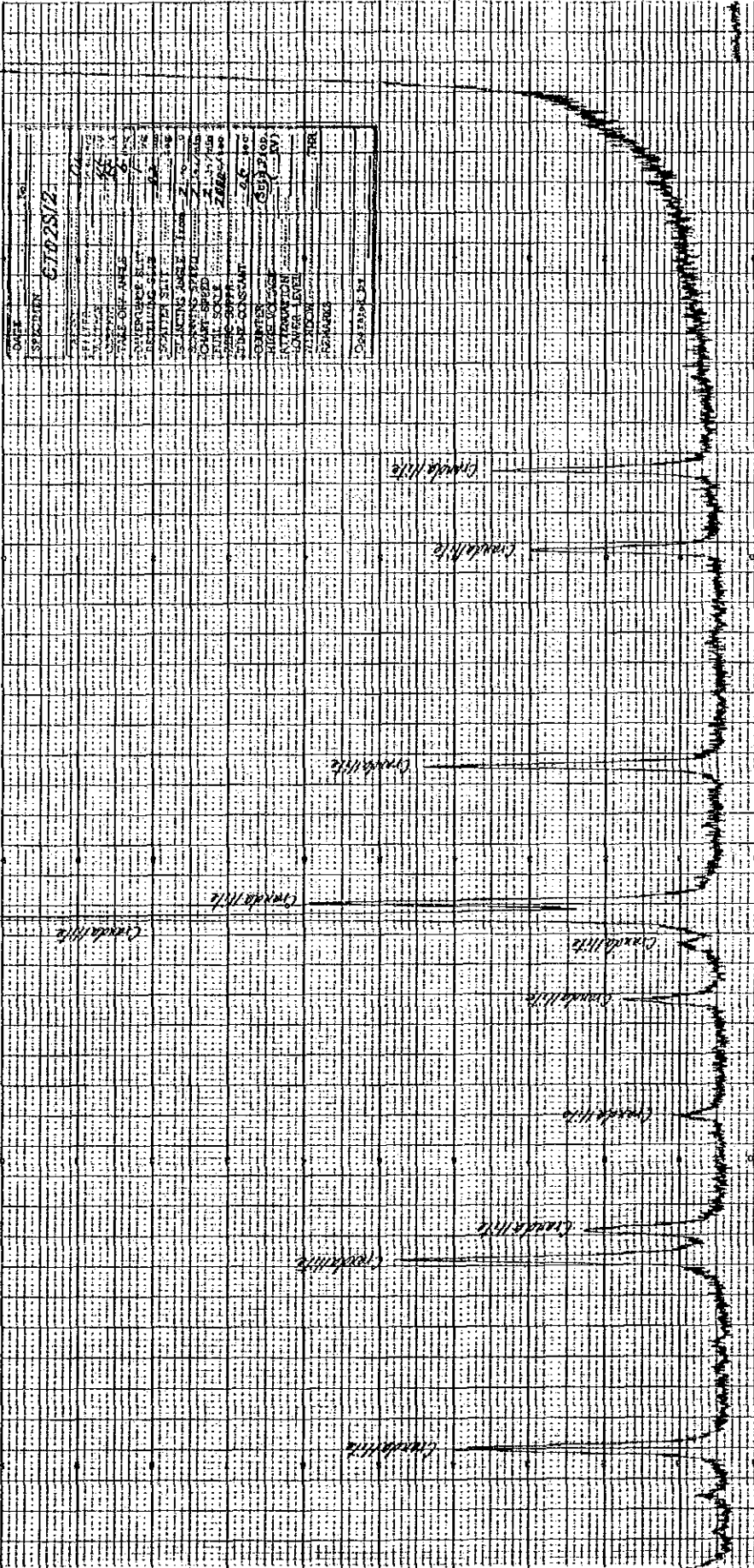












DATE: _____
 SPECIMEN: C17281/2
 LOCATION: _____
 NAME: _____
 PROJECT: _____
 DRAWING: _____
 SCALE: _____
 CHART: _____
 PLOT: _____
 DATE: _____
 TIME: _____
 NAME: _____
 TITLE: _____
 SHEET NO. _____ OF _____
 INSTRUMENT: _____
 CONDITION: _____
 CORRECTION: _____
 RECORD: _____
 OPERATOR: _____
 CHECKED BY: _____

Cross-section

Cross-section

Cross-section

Cross-section

Cross-section

Cross-section

Cross-section

Cross-section

Cross-section

Cross-section

Appendix 6 - Result of Whole Rock Analysis

Appendix 6-1. Result of Whole Rock Analysis (Taytay Area)

No.	Sample	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	FeO	MnO	MgO	CaO	Na ₂ O	K ₂ O	P ₂ O ₅	H ₂ O ⁻	Igloss [*]	Total	(H ₂ O) ⁺
1	NF 492386	69.69	0.60	13.32	0.90	2.29	0.07	1.34	2.02	3.95	3.94	0.11	0.12	1.46	99.81	0.16
2	NB 027	68.56	0.65	13.10	0.89	3.73	0.08	1.43	2.01	3.45	3.22	0.12	0.13	2.13	99.30	0.17
3	NJR 18	67.50	0.97	13.33	2.83	3.01	0.07	1.38	2.60	3.83	2.84	0.16	0.10	1.15	99.77	0.19
4	NB 11	40.27	0.01	0.38	5.18	1.90	0.11	40.26	0.50	1.27	1.71	0.00	0.23	8.92	100.74	0.74
5	NB 004	52.88	1.85	12.78	1.71	6.95	0.13	8.52	7.72	4.43	1.35	0.38	0.18	0.68	99.56	0.61

* Igloss contains H₂O⁺

Appendix 6-2 Result of Whole Rock Analysis (Roxas Area)

No. Sample	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	FeO	MnO	MgO	CaO	Na ₂ O	K ₂ O	P ₂ O ₅	H ₂ O ⁻	Igloss*	Total	H ₂ O ⁺
1 NW 23R	69.18	0.60	14.12	1.85	1.38	0.05	1.66	1.90	3.48	4.62	0.24	0.16	1.14	100.18	0.58
2 NW 30R	69.56	0.56	14.24	1.93	0.85	0.05	1.75	2.47	3.98	3.68	0.17	0.09	0.73	100.06	0.38
3 NX 08R	68.18	0.67	14.30	1.26	1.84	0.06	2.19	3.05	4.08	3.53	0.17	0.05	0.49	99.87	0.33
4 NX 10R	70.58	0.46	13.85	1.50	0.91	0.04	1.75	2.42	3.86	3.53	0.14	0.05	0.87	99.96	0.34
5 NZ 27R	69.33	0.58	14.45	1.63	1.18	0.05	1.99	2.88	3.22	3.38	0.18	0.03	0.53	99.43	0.38

* Igloss contains H₂O+

Appendix 6-3 Result of Whole Rock Analysis (Ruerto Area)

Sample No. Component (%)	CE012~013	CL-028	CA-034	CG-048	CL-063
SiO ₂	37.9	49.7	51.8	36.8	48.4
TiO ₂	0.0	1.5	1.4	0.0	0.6
Al ₂ O ₃	0.4	13.4	14.8	0.2	15.2
Fe ₂ O ₃	5.2	4.5	2.4	6.7	2.8
FeO	2.2	5.4	7.5	0.9	5.7
MnO	0.10	0.14	0.17	0.09	0.13
MgO	41.3	6.6	5.9	42.6	10.1
CaO	0.3	7.1	9.6	0.2	13.0
Na ₂ O	<0.5	4.8	3.0	<0.5	1.5
K ₂ O	0.0	0.4	0.1	0.0	0.0
P ₂ O ₅	0.02	0.13	0.14	0.02	0.02
H ₂ O (+)	12.0	6.3	1.5	12.0	0.8
H ₂ O (-)	0.26	0.84	0.12	0.70	0.05
Total	100.18	100.81	98.43	100.71	98.3

Appendix 6-4 Result of Whole Rock Analysis (Narra Area)

No.	Sample No.	SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃	FeO	MnO	MgO	CaO	Na ₂ O	K ₂ O	P ₂ O ₅	H ₂ O ⁺	H ₂ O ⁻	Igloss	Total
1	CN 09	49.21	1.41	14.12	6.34	2.95	0.18	5.32	7.91	5.38	0.94	0.12	1.75	1.14	5.36	99.24
2	CP 0121386	51.85	0.25	14.23	2.74	4.98	0.16	8.87	12.59	4.21	0.51	0.00	0.25	0.15	0.58	100.97
3	CP 052286-2	48.18	1.47	12.65	6.48	4.32	0.23	5.96	13.00	5.27	0.81	0.12	0.15	0.09	1.18	99.67
4	CS 002R	38.60	0.01	0.38	7.51	1.69	0.11	40.38	0.58	1.15	1.79	0.00	0.50	0.26	8.62	100.82
5	CS 028R	48.52	1.44	12.91	7.33	3.09	0.24	6.78	6.68	5.78	1.32	0.13	1.24	0.82	5.44	99.66

Appendix 7.1 Result of Ore Assay

Appendix 7-1 Result of Ore Assay (Taytay Area)

No.	Sample	Au	g/t	Ag	g/t	Cu	%	Mo	%	Sn	%	Co	%	Ni	%	Cr	%	Mn	%	Fe	%
1	NB 027	Tr		Tr		< 0.01		< 0.01		< 0.01		-		-		-		-		-	
2	NB 035	Tr		Tr		< 0.01		< 0.01		< 0.01		-		-		-		-		-	
3	NB 09	-		-		< 0.01		-		-		0.01		0.20		0.28		-		4.63	
4	NB 10	-		-		< 0.01		-		-		0.01		0.23		1.72		-		6.16	
5	NB 11	-		-		< 0.01		-		-		0.01		0.23		0.25		-		5.32	
6	NB 13	-		-		< 0.01		-		-		0.01		0.22		0.46		-		4.97	
7	NA 02	Tr		Tr		< 0.01		-		-		-		-		-		1.23		17.57	
8	E. Batas	Tr		Tr		< 0.01		-		-		-		-		-		0.02		47.57	
9	NJR 10	Tr		Tr		0.01		-		-		-		-		-		0.04		36.80	
10	NJR 54	Tr		Tr		< 0.01		-		-		-		-		-		0.01		3.07	

Appendix 7-2 Result of Ore Assay (Roxas Area)

No.	Sample	Au g/t	Ag g/t	Cu %	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %	MgO %	CaO %
1	NP 013AR	Tr	-	< 0.01	-	9.93	2.47	-	0.67
2	NP 016R	Tr	-	< 0.01	-	6.93	3.55	-	0.80
3	NS 002R	Tr	-	< 0.01	-	0.15	0.33	-	0.04
4	VULCAN-1	-	-	-	96.91	1.01	0.54	0.07	0.06
5	VULCAN-2	-	-	-	96.08	1.05	0.59	0.06	0.04
6	VULCAN-3	-	-	-	97.43	0.87	0.56	0.07	0.06
7	VULCAN-4	-	-	-	98.47	0.55	0.32	0.03	0.05
8	NINBAY-1	-	-	-	98.59	0.56	0.40	0.02	0.07
9	NINBAY-2	-	-	-	97.38	0.76	0.32	0.03	0.15
10	NINBAY-3	-	-	-	98.24	0.47	0.32	0.02	0.07

Appendix 7-3 Result of Ore Assay (Puerto Area)

Component (%) Sample No.	SiO ₂	Cr ₂ O ₃	FeO	MgO	Al ₂ O ₃	Total
CA-007	0.4	53.1	10.3	13.7	17.4	94.9
CA-008	0.4	51.0	11.0	13.1	17.0	92.5
CA-009A	0.6	47.1	11.7	12.6	19.2	91.2
CA-009B	0.2	54.3	9.5	14.5	16.5	95.0
CA-010	16.6	28.1	7.4	26.3	13.1	91.5
CA-012	6.0	40.8	8.5	20.8	19.4	95.5
CA-013	13.8	32.2	7.3	23.9	15.8	93.0
CA-016	12.0	33.3	8.0	23.4	15.2	91.9
CA-020	13.1	32.8	7.5	24.0	15.3	92.7
CA-021	4.3	48.8	8.6	18.8	14.9	95.4
CA-022	12.9	33.5	7.8	23.8	14.4	92.4
CA-028A	2.1	50.5	9.6	16.4	15.6	94.2
CA-028B	5.3	46.6	9.4	18.1	14.5	93.9
CA-030A	18.0	34.0	9.4	17.3	11.4	90.1
CA-030B	44.8	1.1	3.1	25.4	8.8	83.2
CA-031A	3.7	48.3	9.8	17.2	15.0	94.0
CA-031B	5.8	45.8	9.1	19.0	14.4	94.1
CA-032A	2.9	57.7	8.7	16.2	6.6	92.1
CA-032B	3.0	59.0	9.2	16.0	6.4	93.6
CA-033	24.7	23.9	7.6	28.3	2.7	87.2

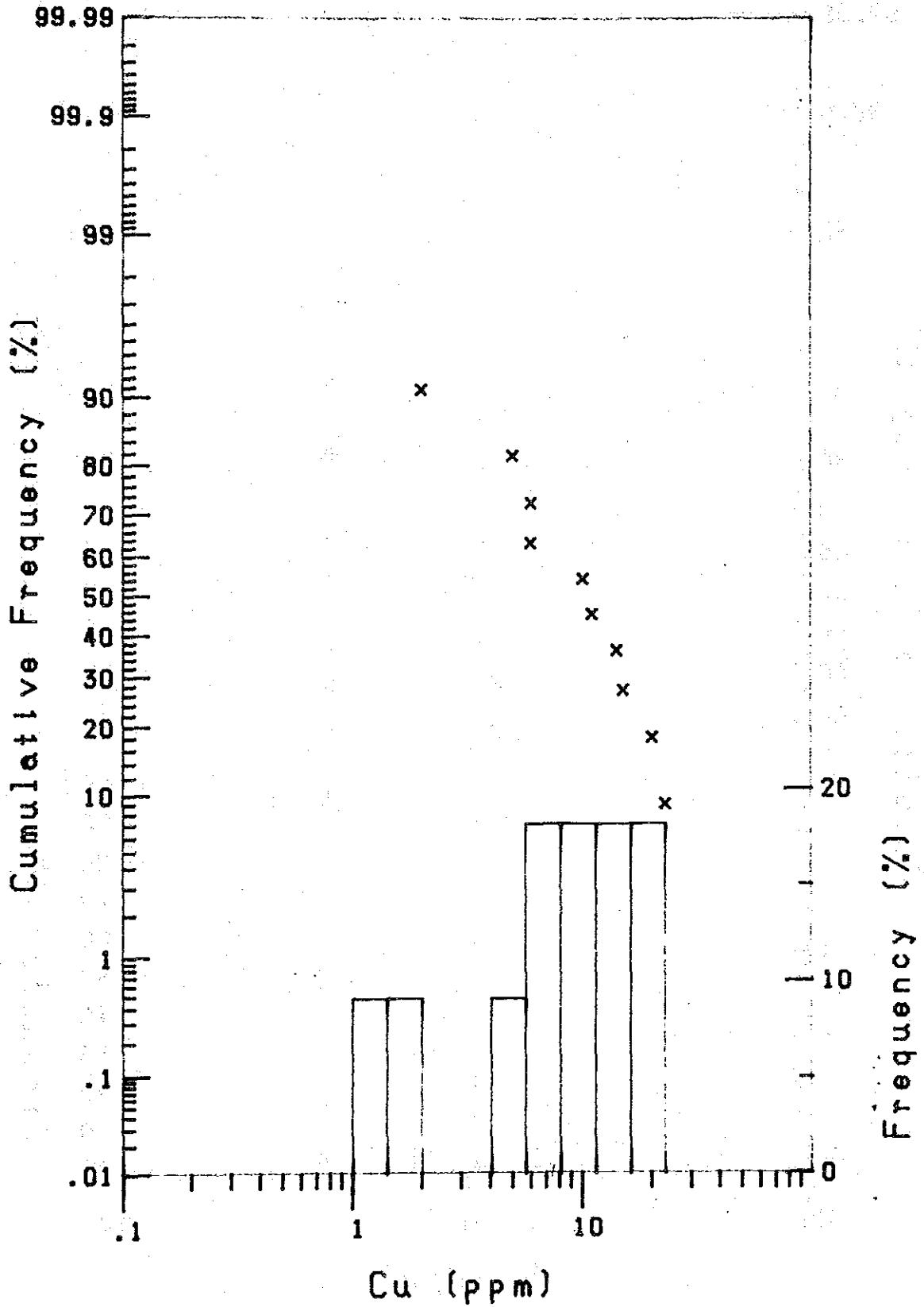
Appendix 7-4 Result of Ore Assay (Narra Area)

No.	Sample No.	SiO ₂	Fe ₂ O ₃	FeO	Al ₂ O ₃	MgO	NiO	Cr ₂ O ₃	%
1	CX217886	-	-	11.24	10.75	22.19	0.22	41.08	
2	CX21486	-	-	11.81	19.57	18.85	0.23	42.60	
3	CS007MA	-	-	9.88	8.35	28.82	1.35	11.57	
4	CS020MA	-	-	13.06	14.45	17.08	0.11	47.94	
5	CN13	-	-	13.60	4.80	19.62	0.18	44.81	
6	CN15	-	-	8.63	3.51	25.15	0.32	32.84	
7	CN17	-	-	13.04	16.72	15.82	0.18	48.95	
8	CP0230186	-	-	10.20	9.67	16.38	0.05	0.23	
9	CS054MA	40.71	12.87	-	1.03	27.49	0.64	-	
10	CS043MA	33.60	27.75	-	2.03	16.37	0.26	-	
11	CS044MA	40.23	7.05	-	0.35	33.67	3.28	-	
12	CP01S3	1.00	66.51	-	7.19	1.02	0.80	-	
13	CP04S3	0.91	67.44	-	8.17	1.54	0.79	-	
14	CPT1-1(4)	12.12	56.73	-	7.82	2.33	1.09	-	
15	CS011MA	10.25	54.62	-	6.89	3.93	1.66	-	
16	CS018MA	9.89	61.84	-	6.00	3.72	1.09	-	
17	CS022MA	11.50	60.27	-	7.69	1.01	1.27	-	
18	CS023MA	17.25	57.24	-	5.03	1.88	1.43	-	
19	CS024MA	48.22	11.85	-	0.93	20.50	4.92	-	
20	CS033MA	6.19	64.54	-	5.15	1.53	1.64	-	

**Appendix 8-1 Histogram and Cumulative Frequency Curve
of Each Element in Each Code (North-Eastern
Palawan Area)**

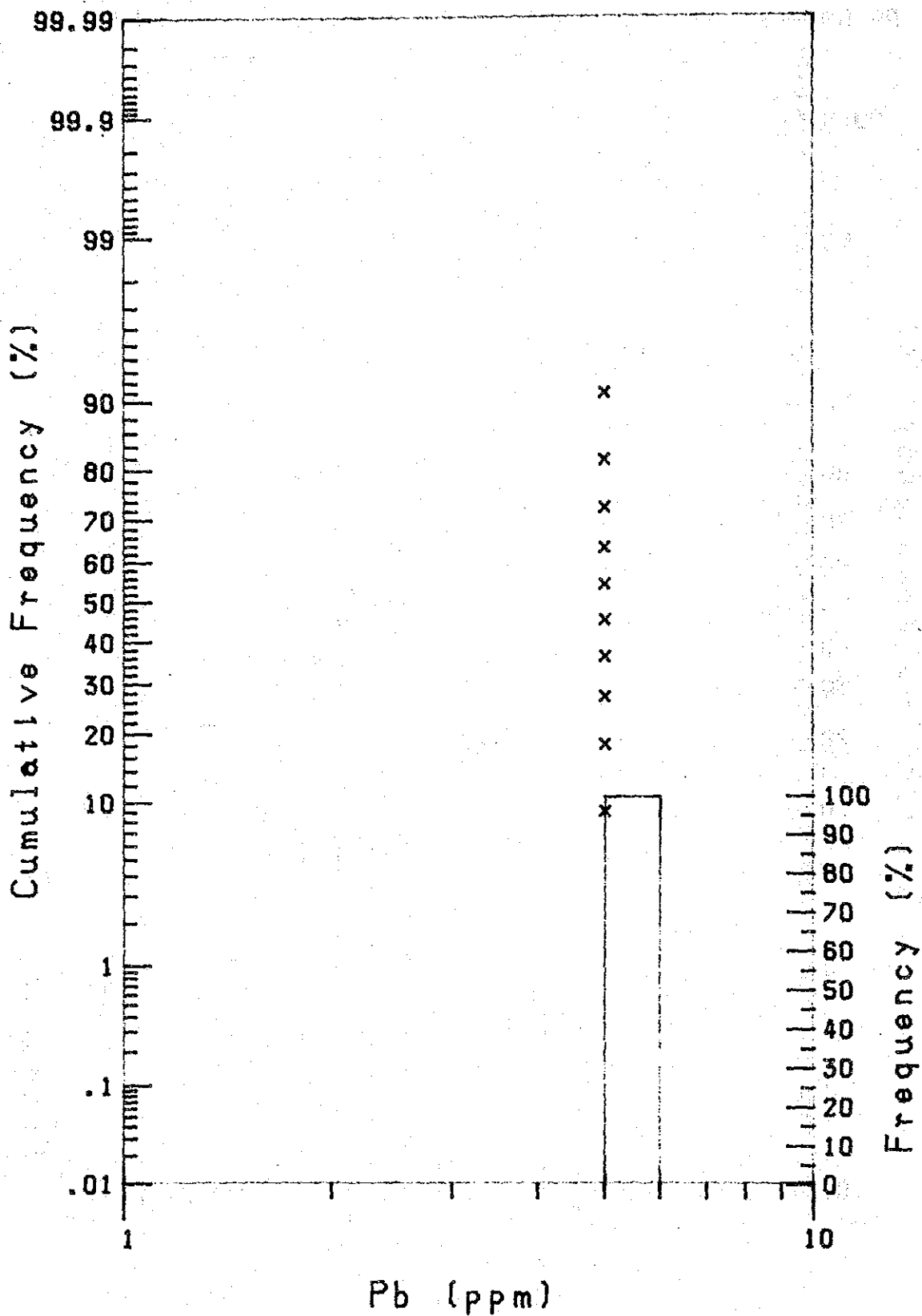
BM. Cu

11 Cases



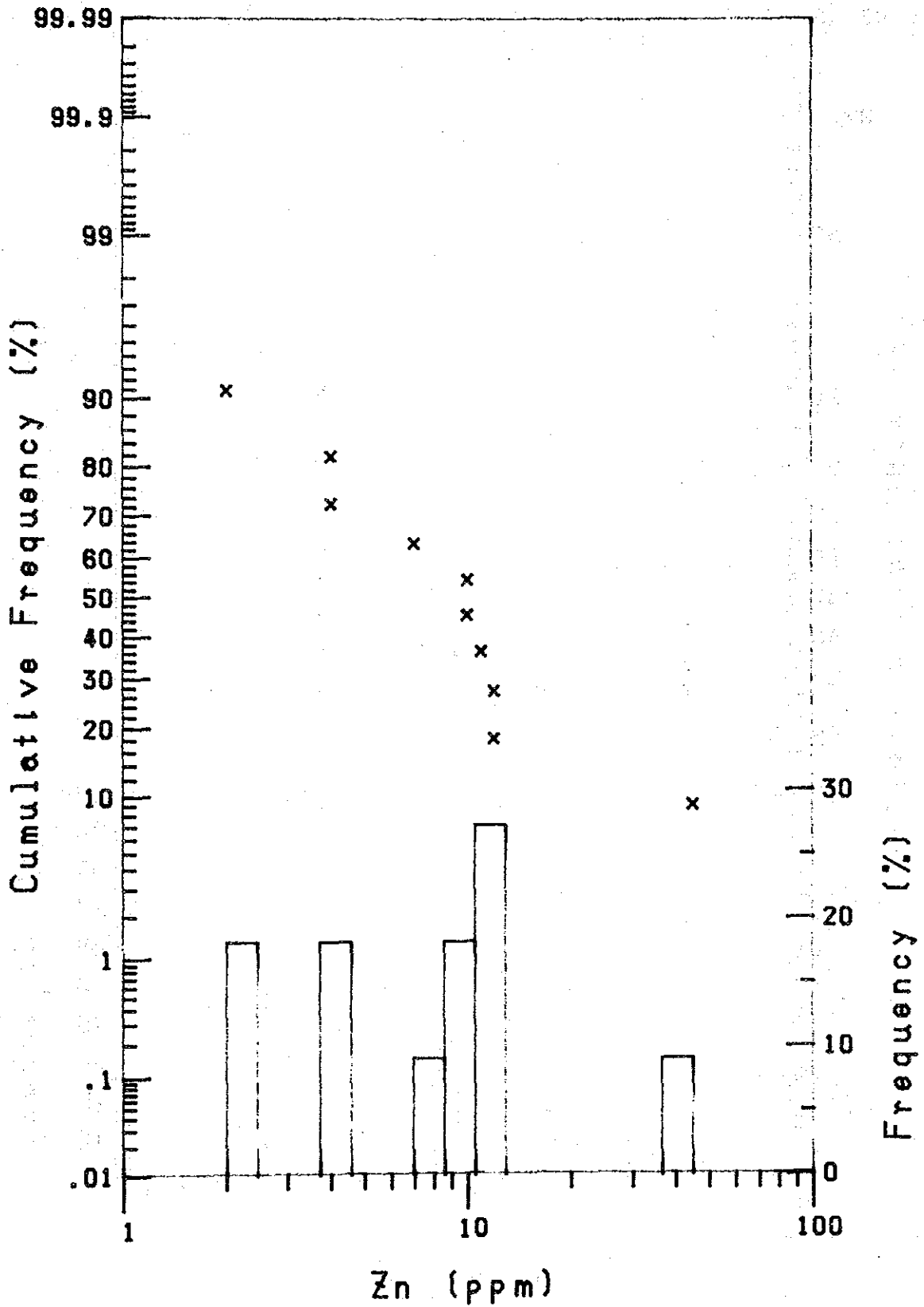
BM. Pb

11 Cases



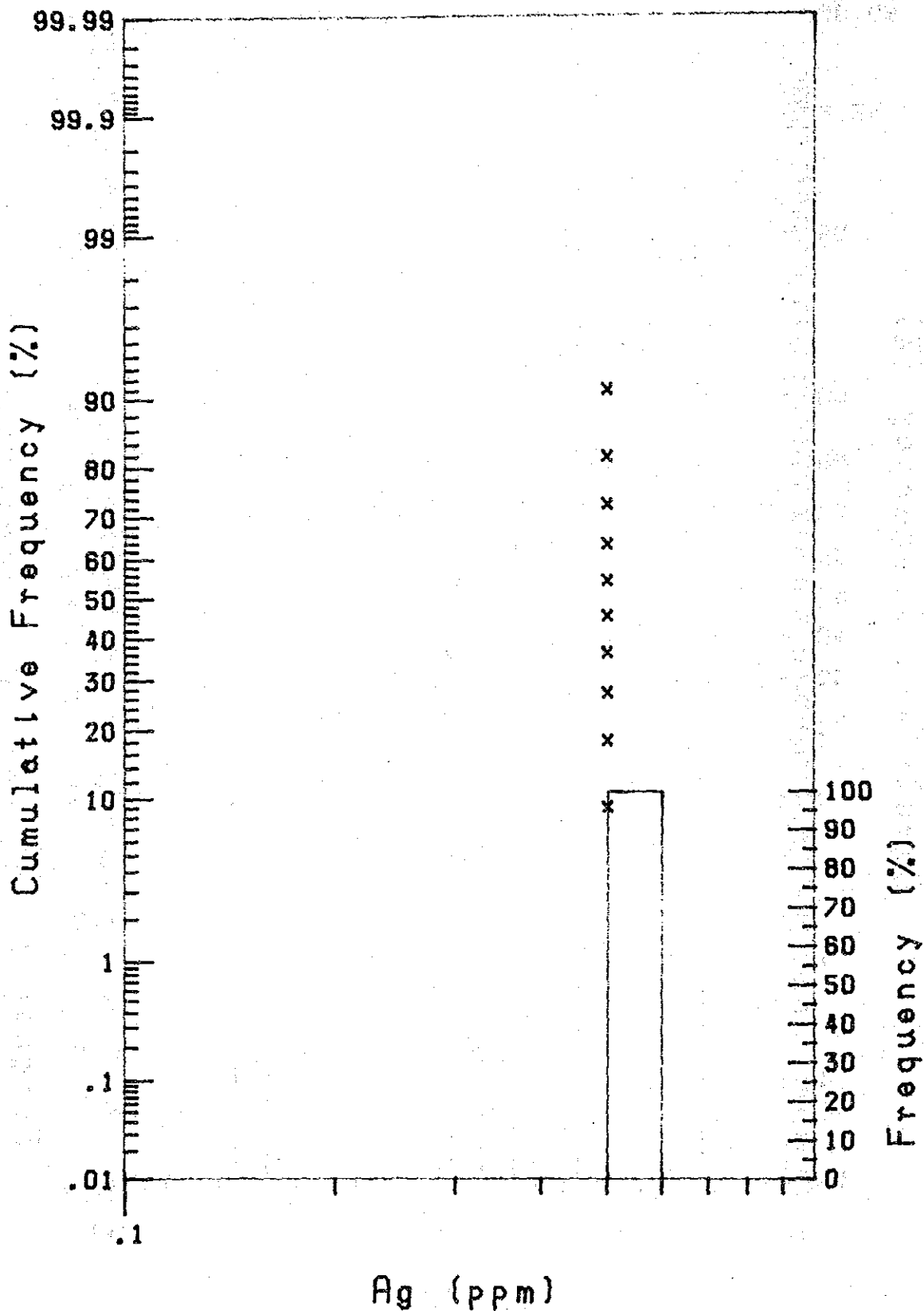
BM. Zn

11 Cases



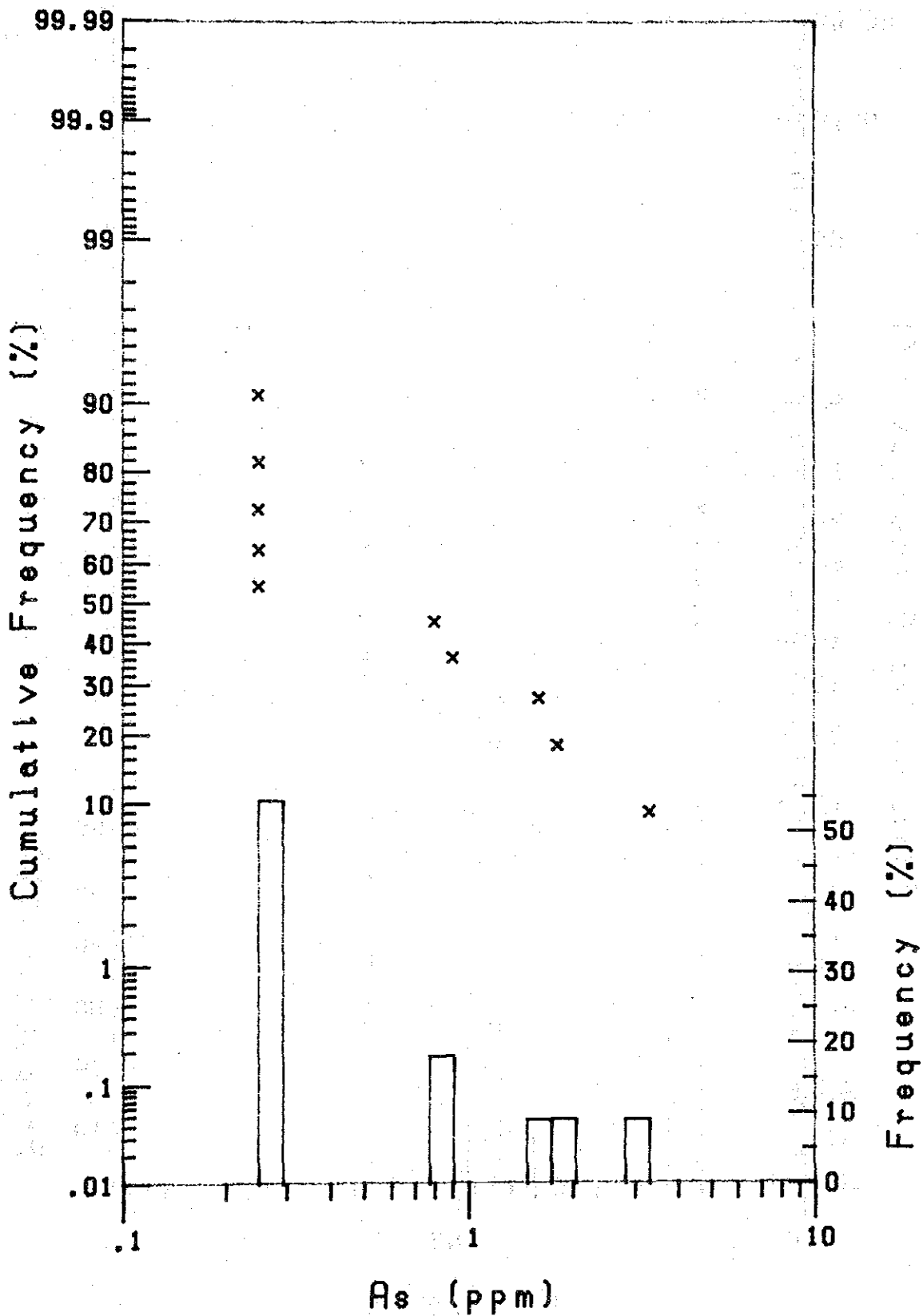
BM. Ag

11 Cases



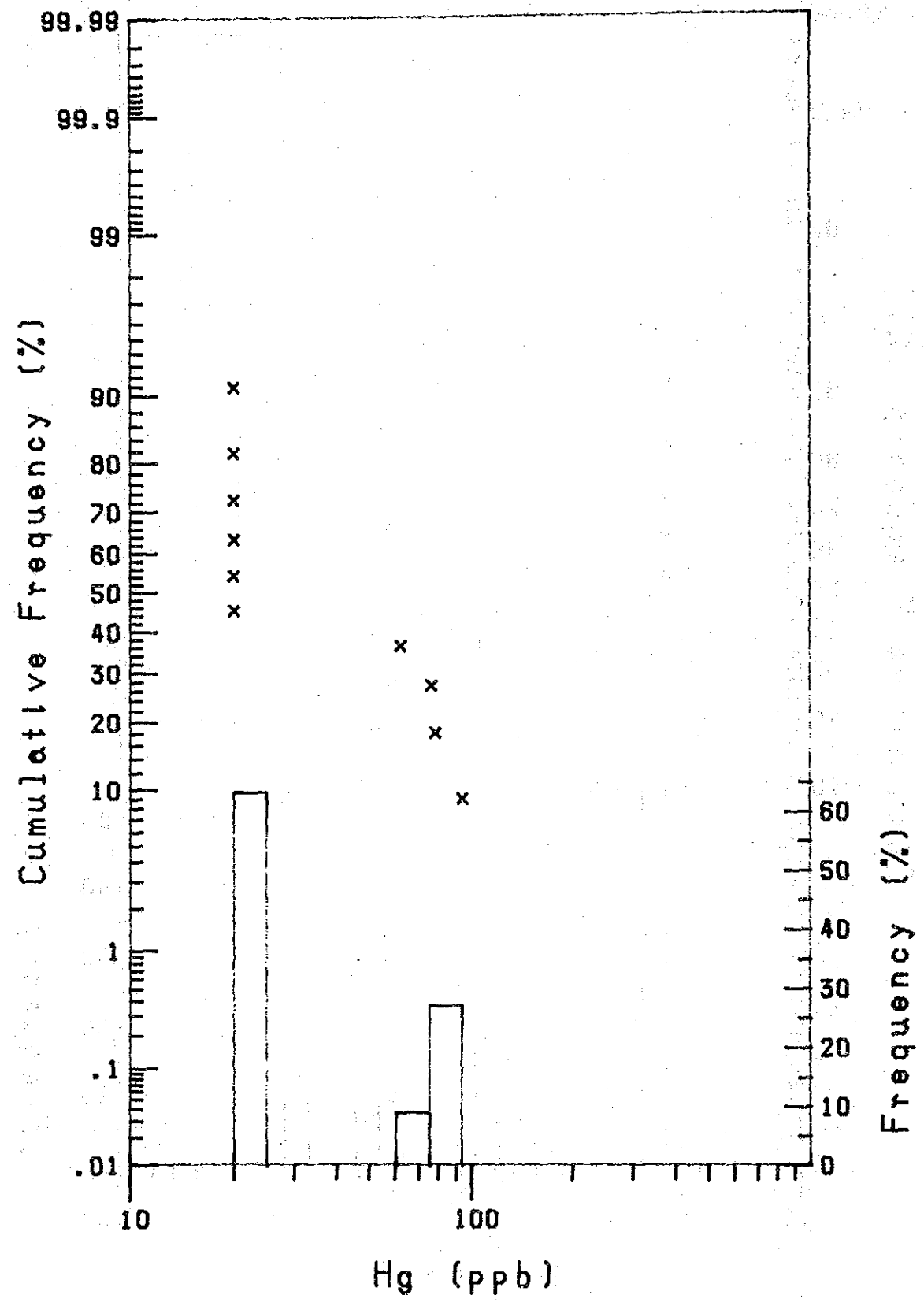
BM. As

11 Cases



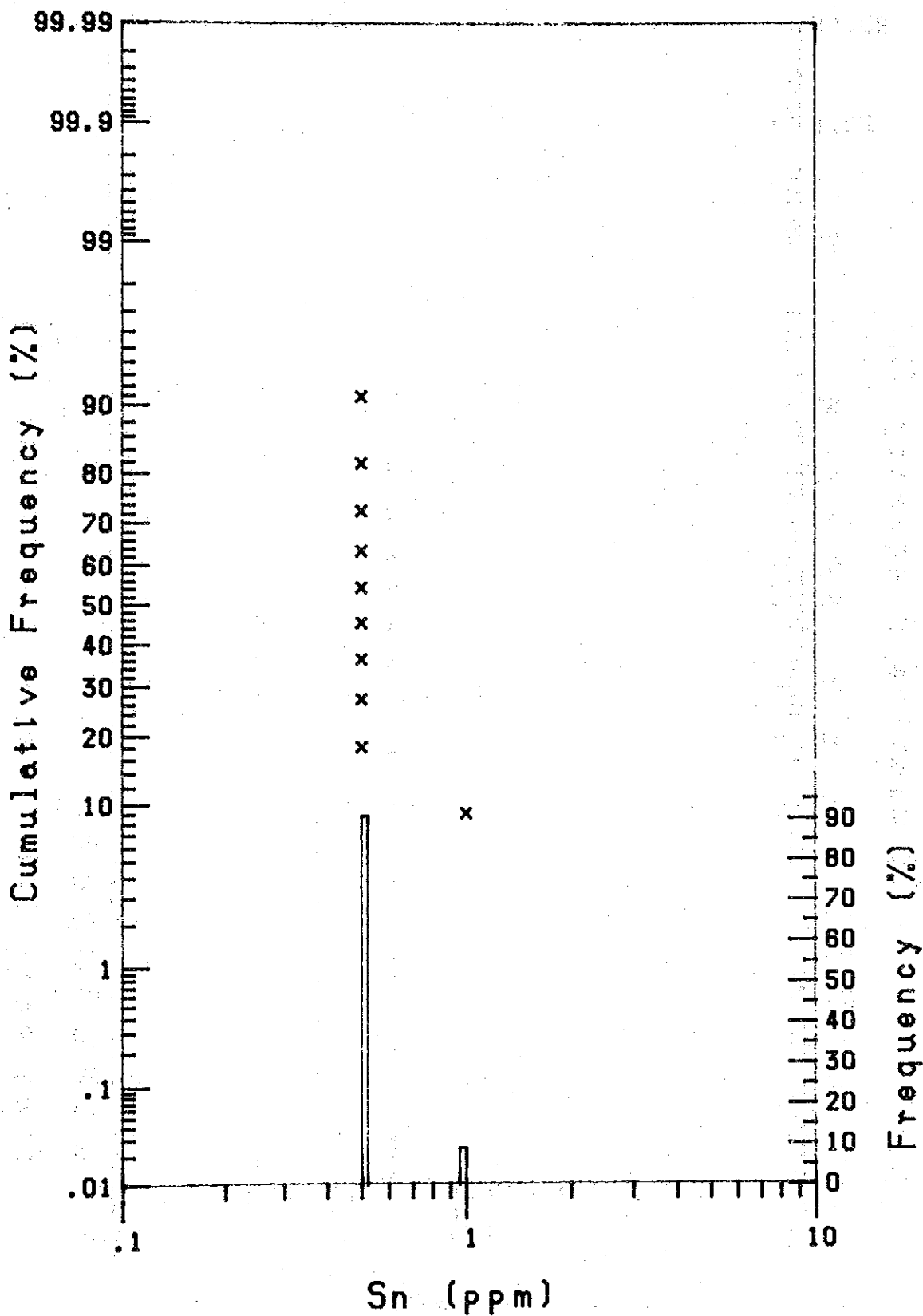
BM. Hg

11 Cases



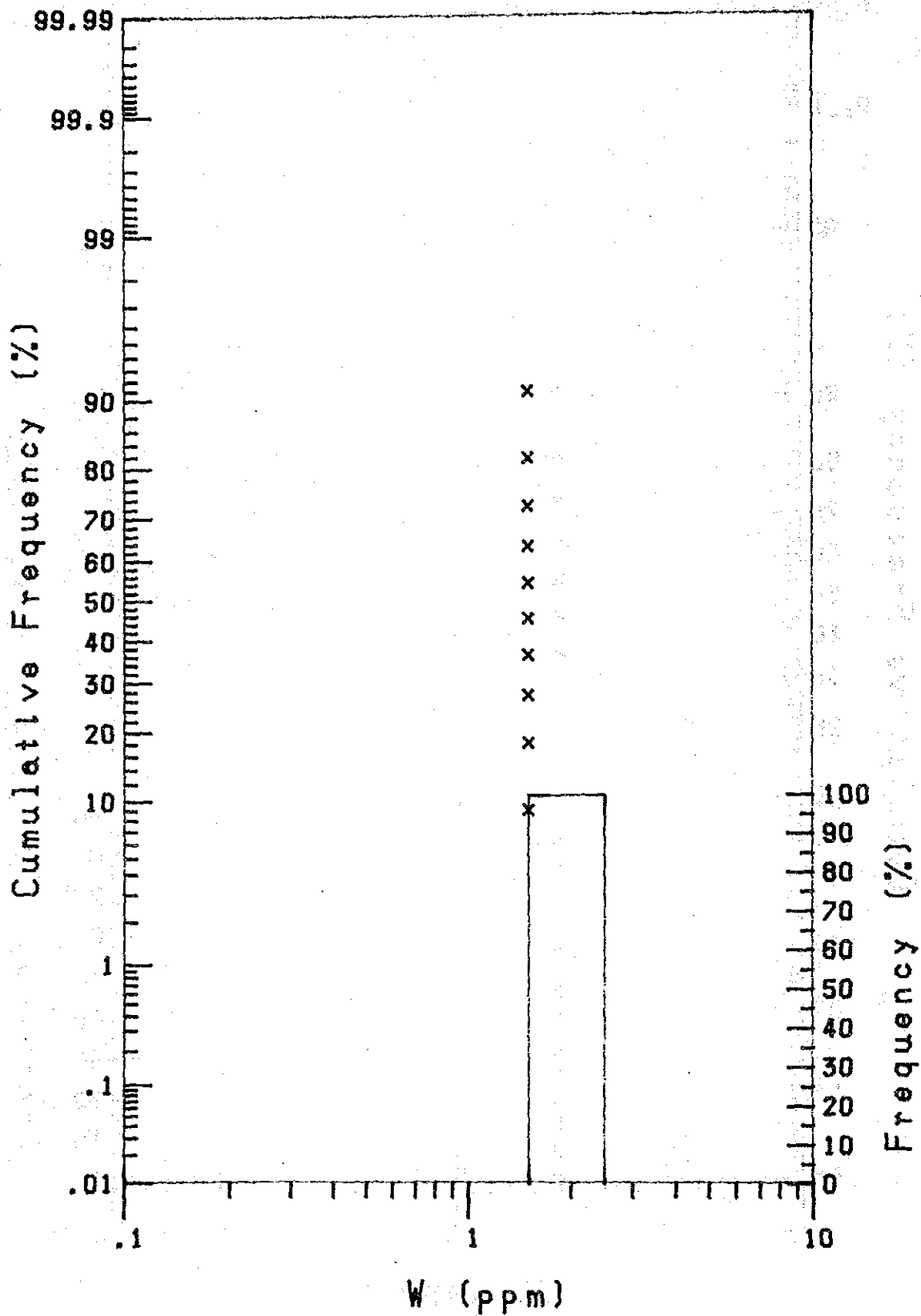
BM. Sn

11 Cases



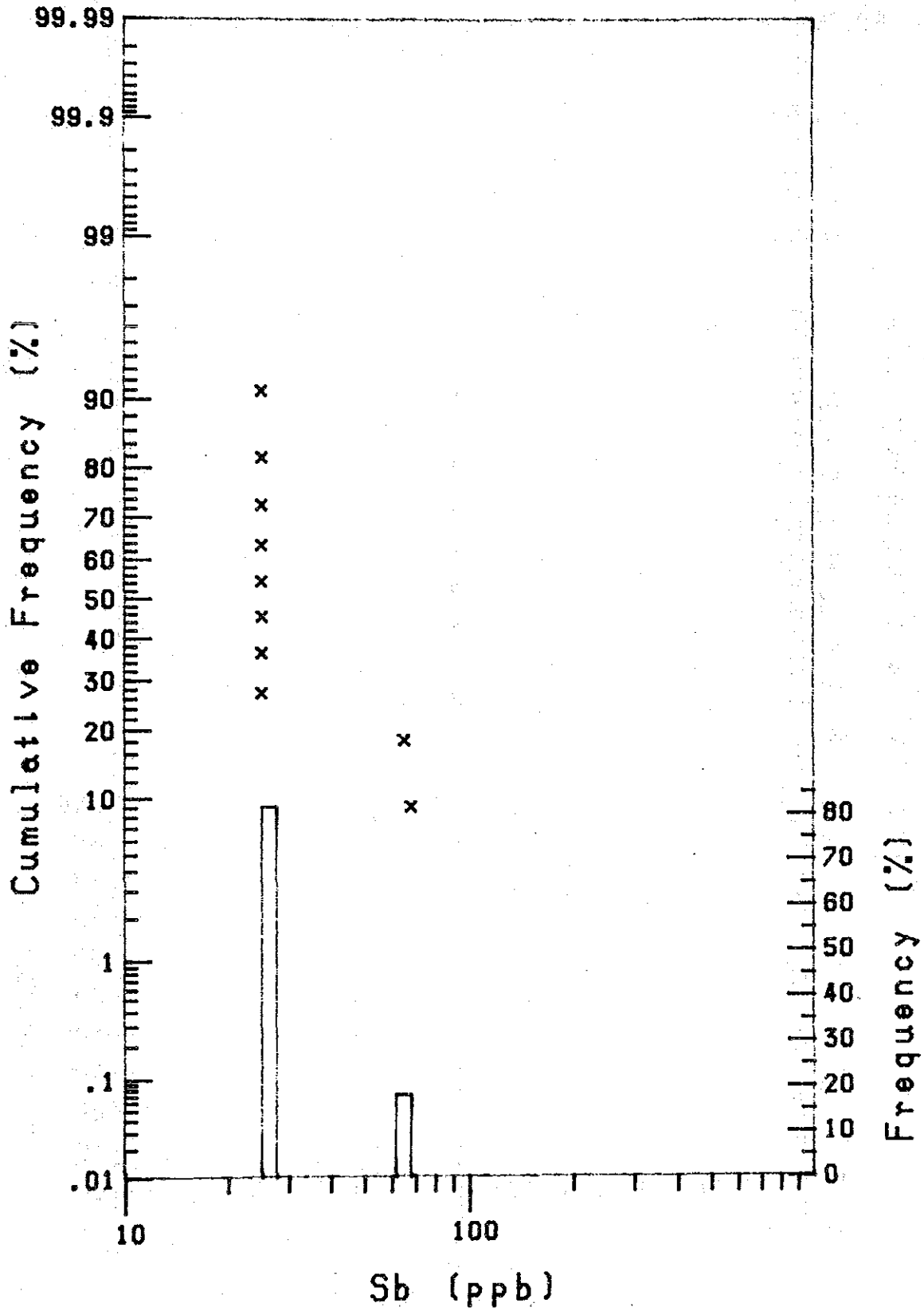
BM.W

11 Cases



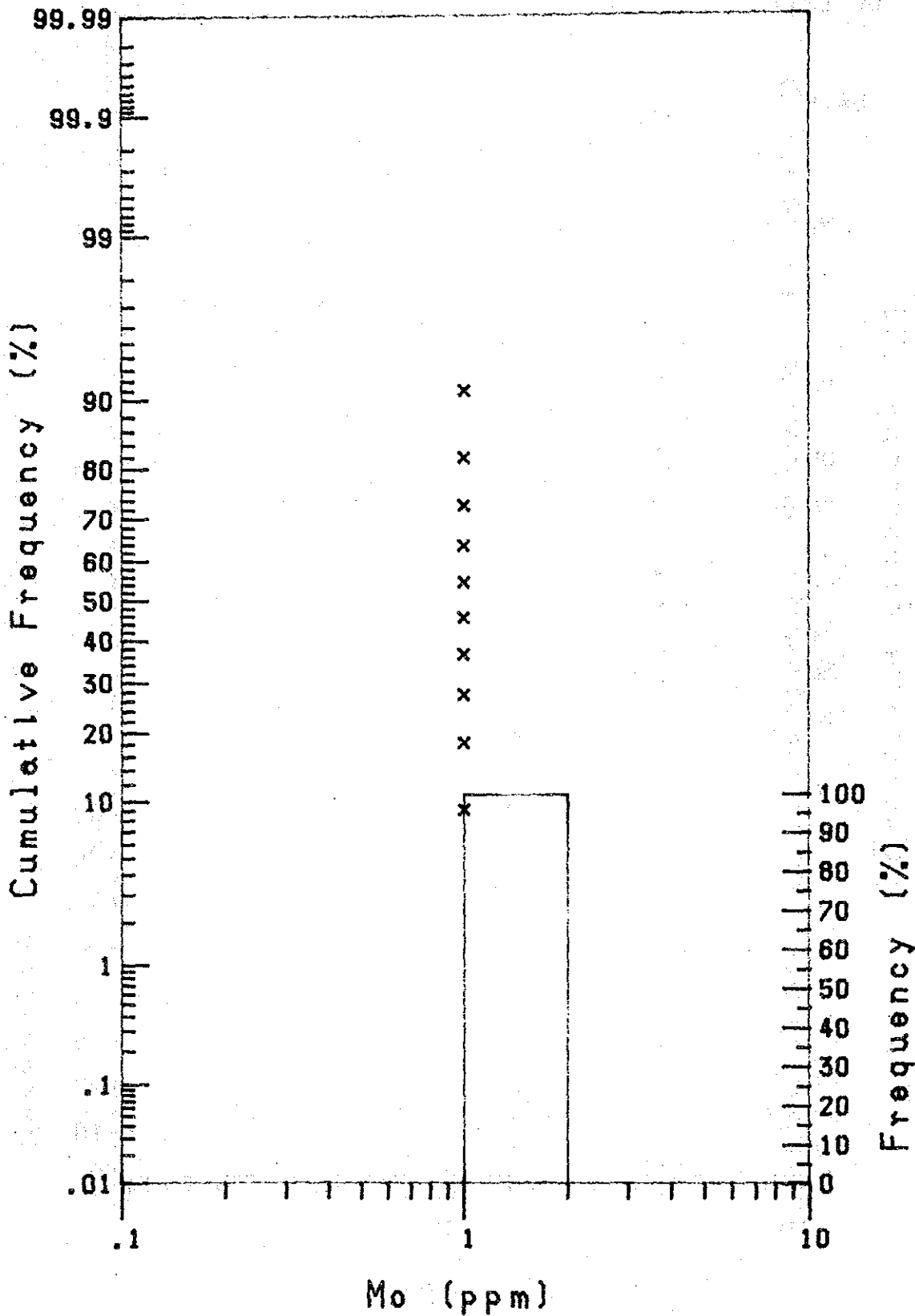
BM. Sb

11 Cases



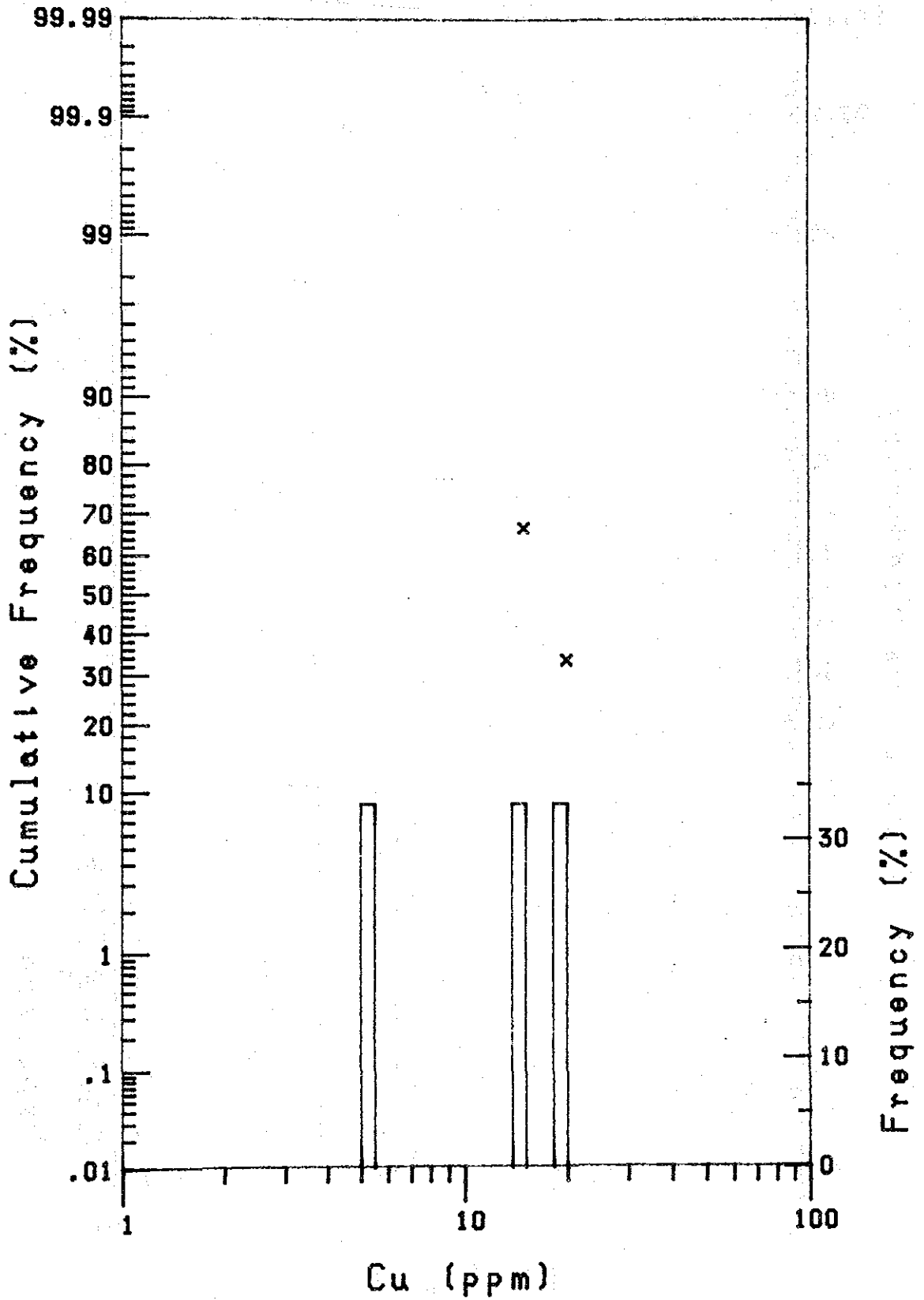
BM. Mo

11 Cases



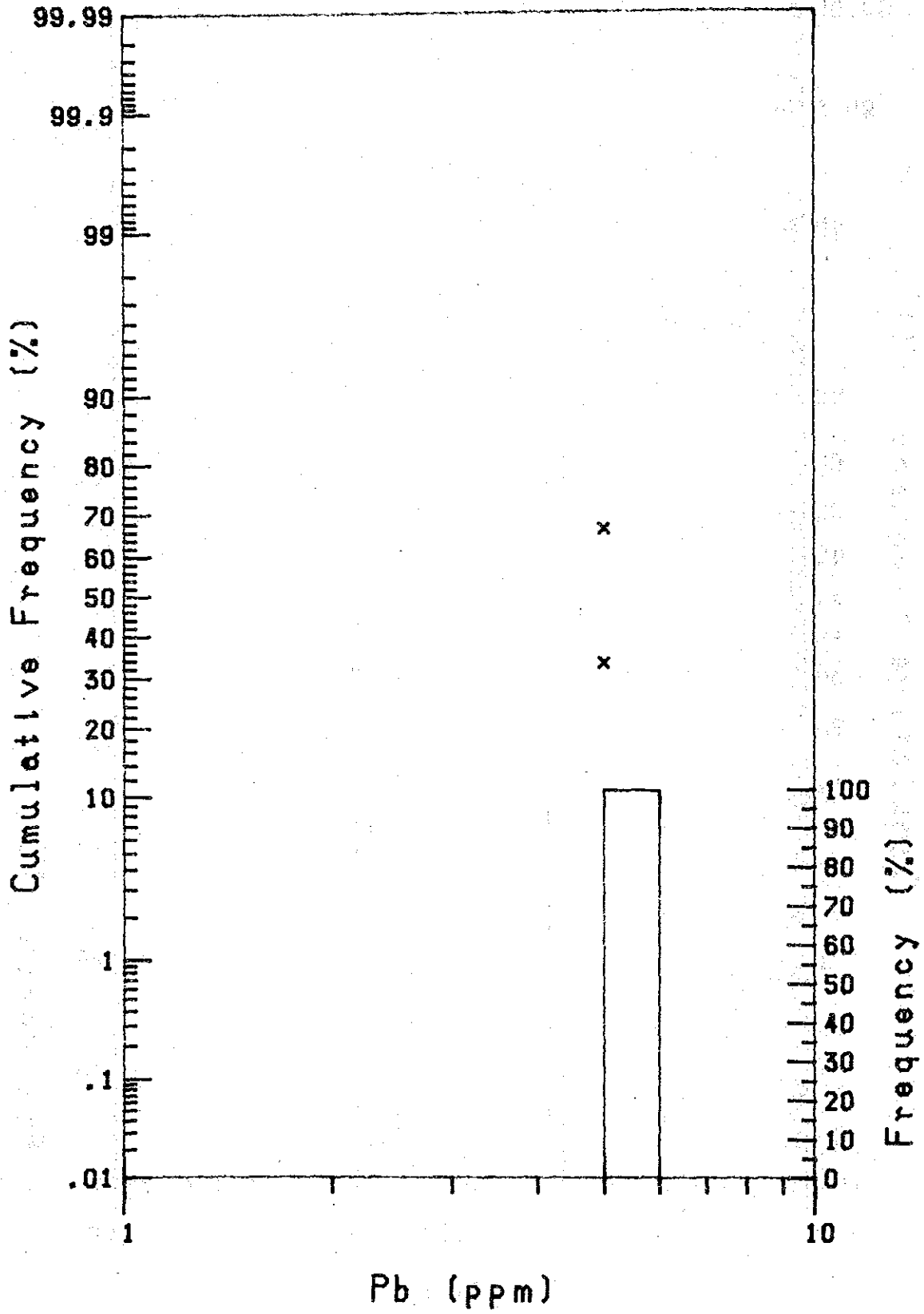
PA.Cu

10 Cases



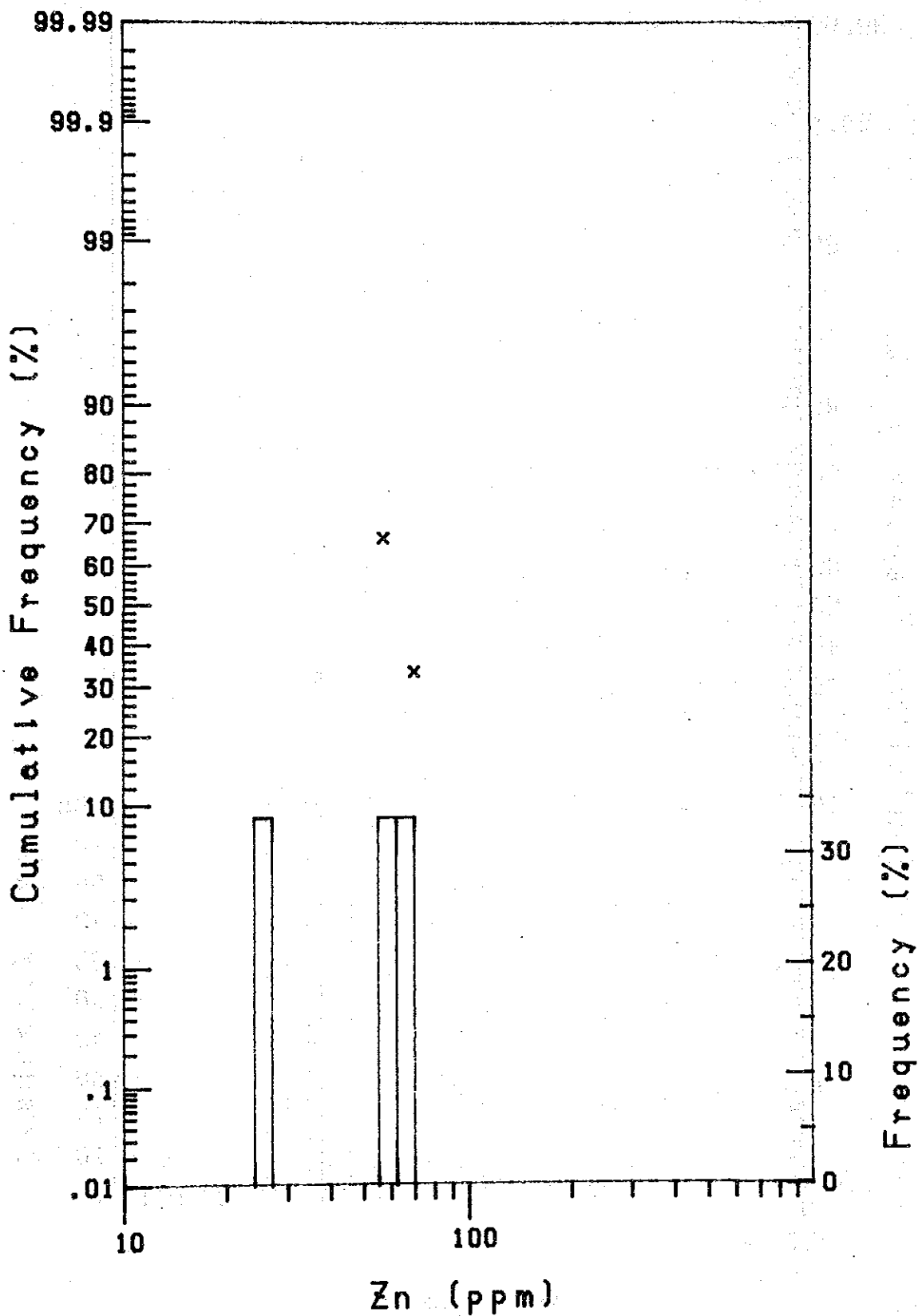
PA.Pb

10 Cases



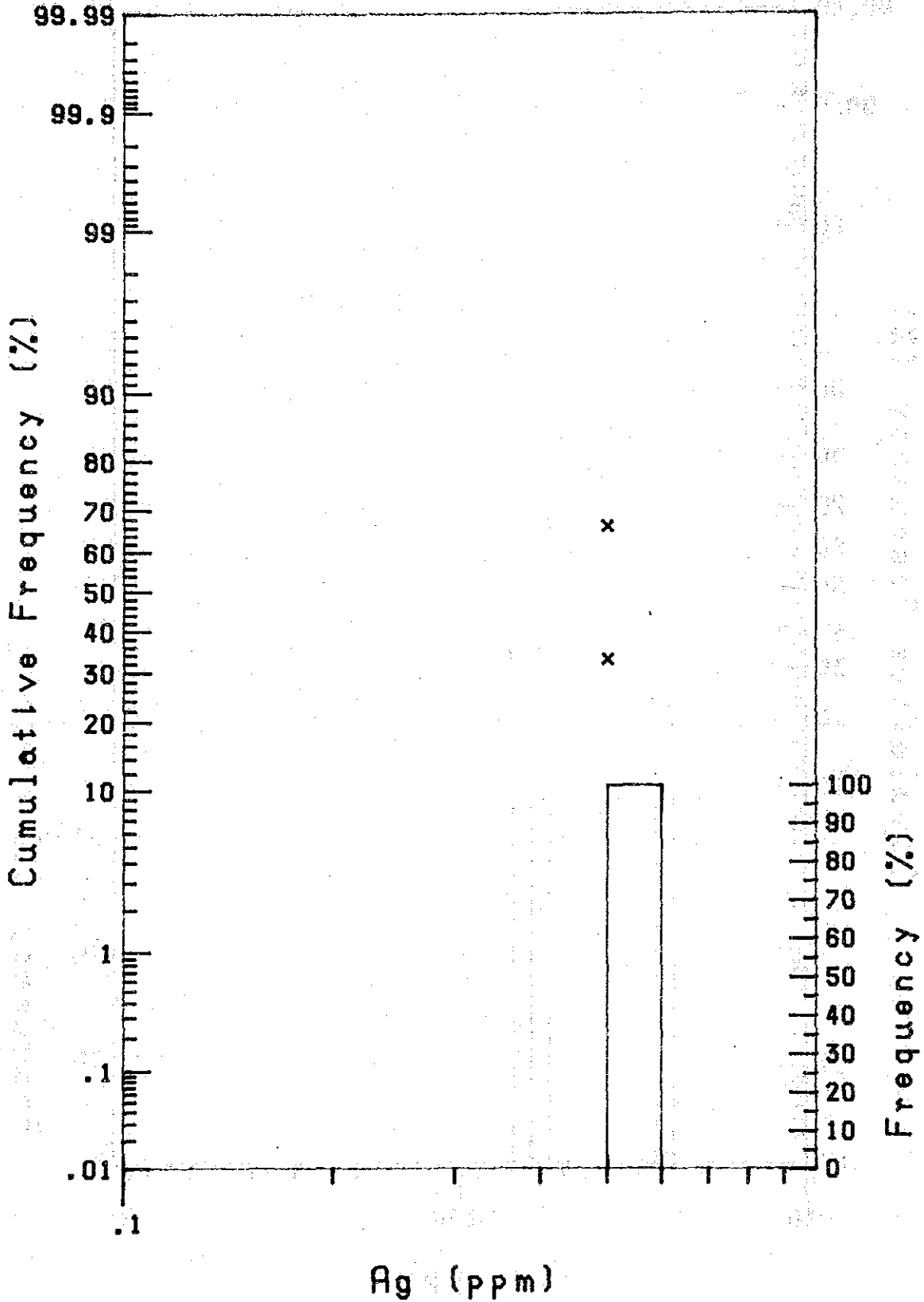
PA. Zn

10 Cases



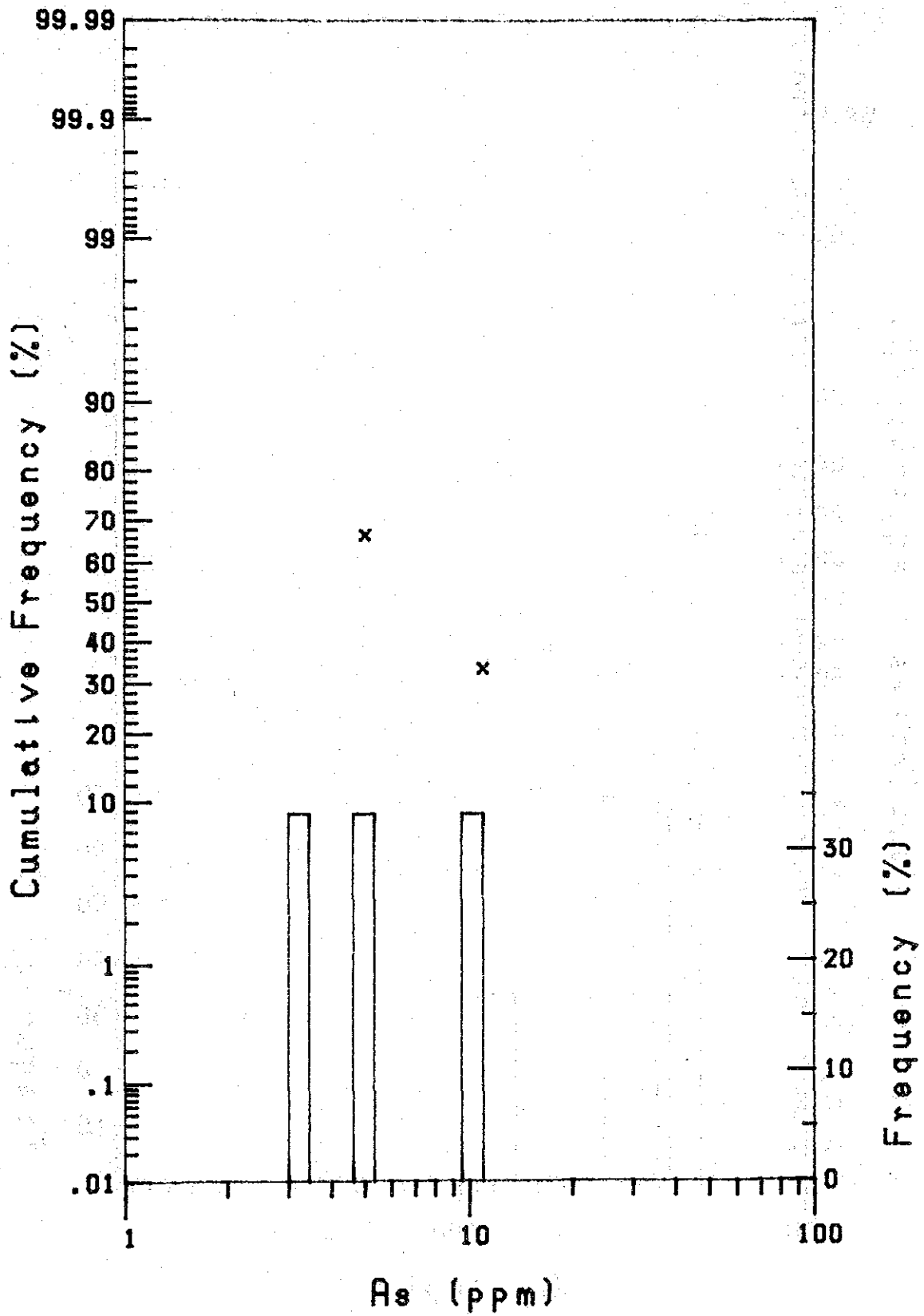
PA. Ag

10 Cases



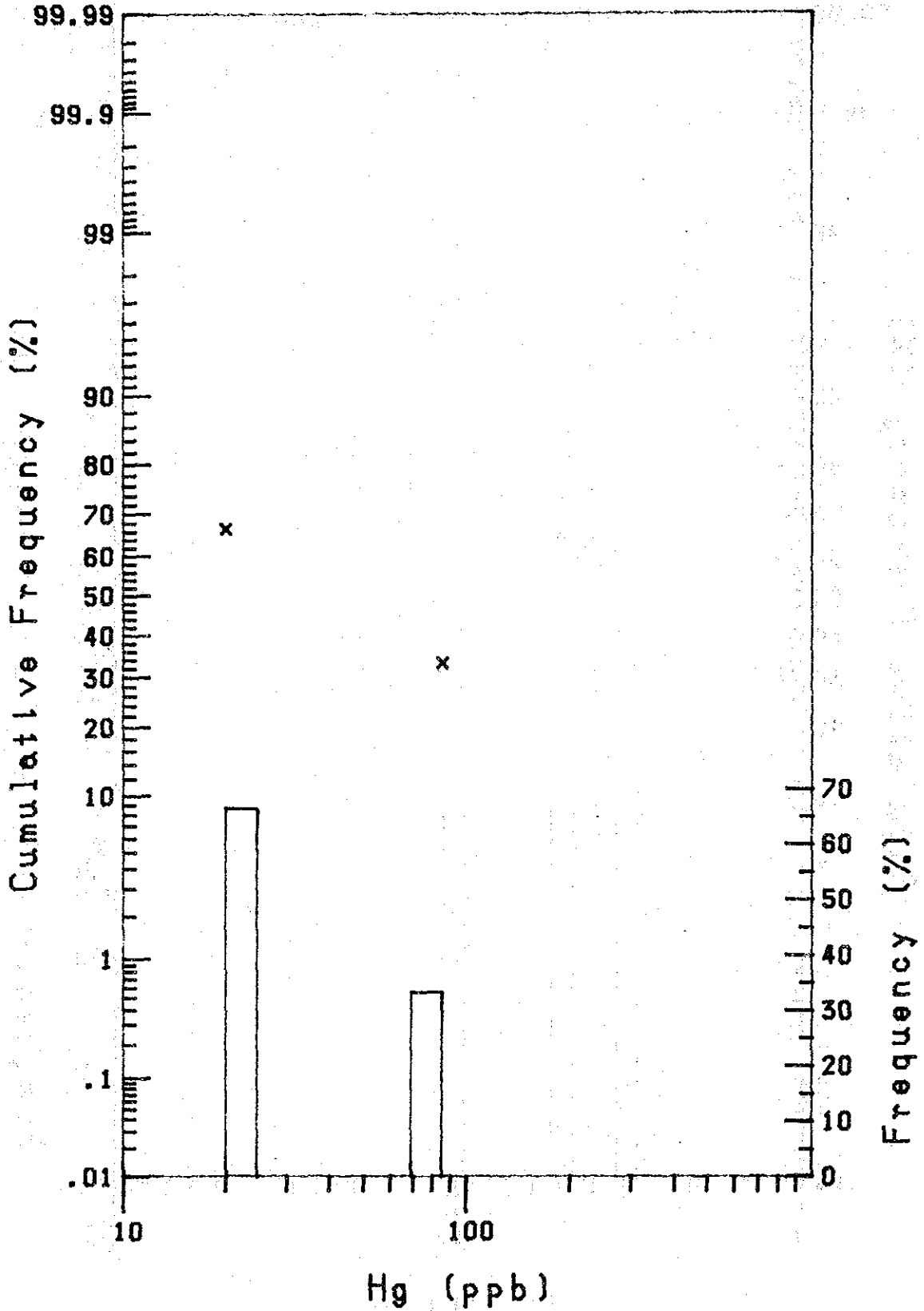
PA. As

10 Cases



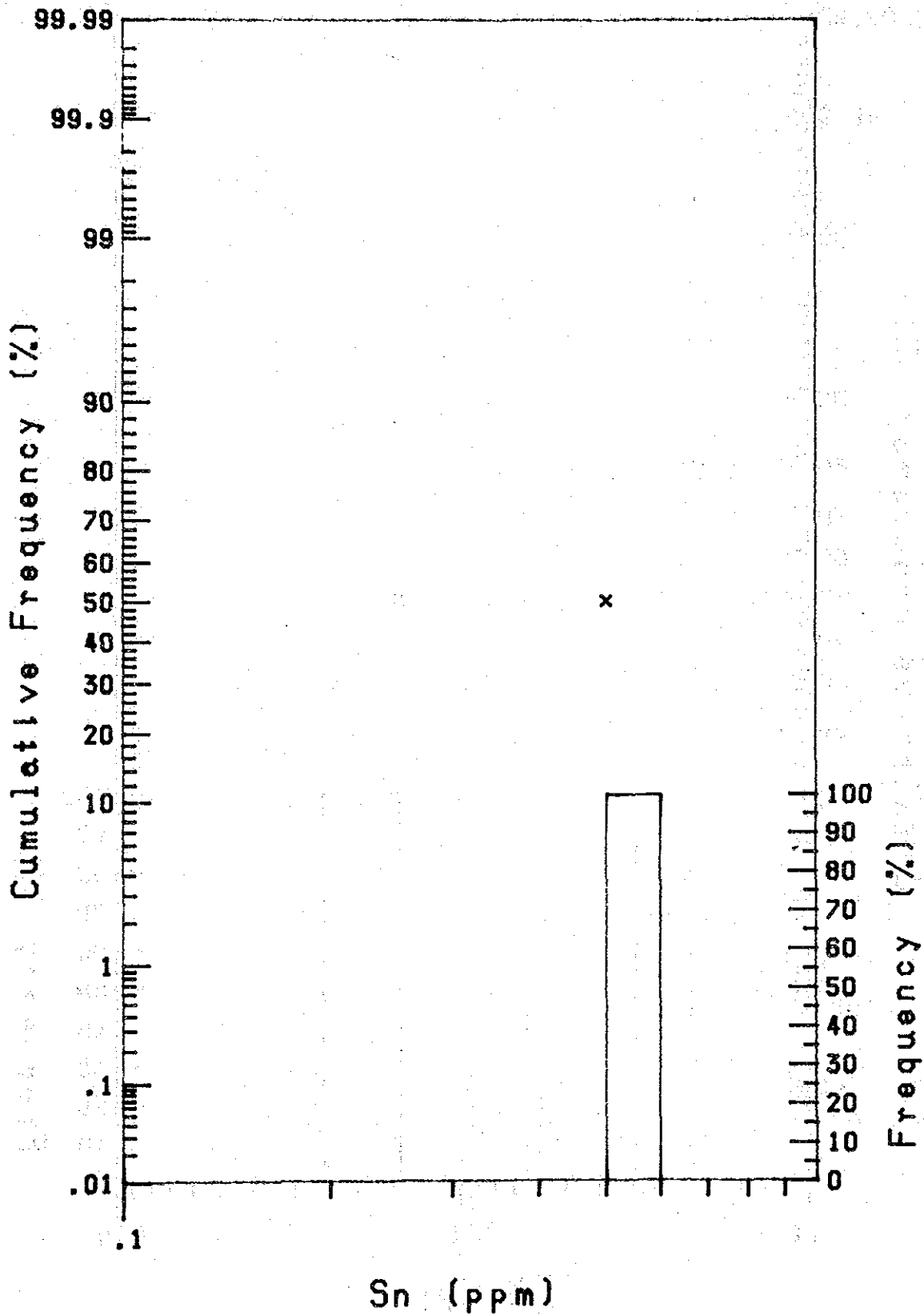
PA. Hg

10 Cases



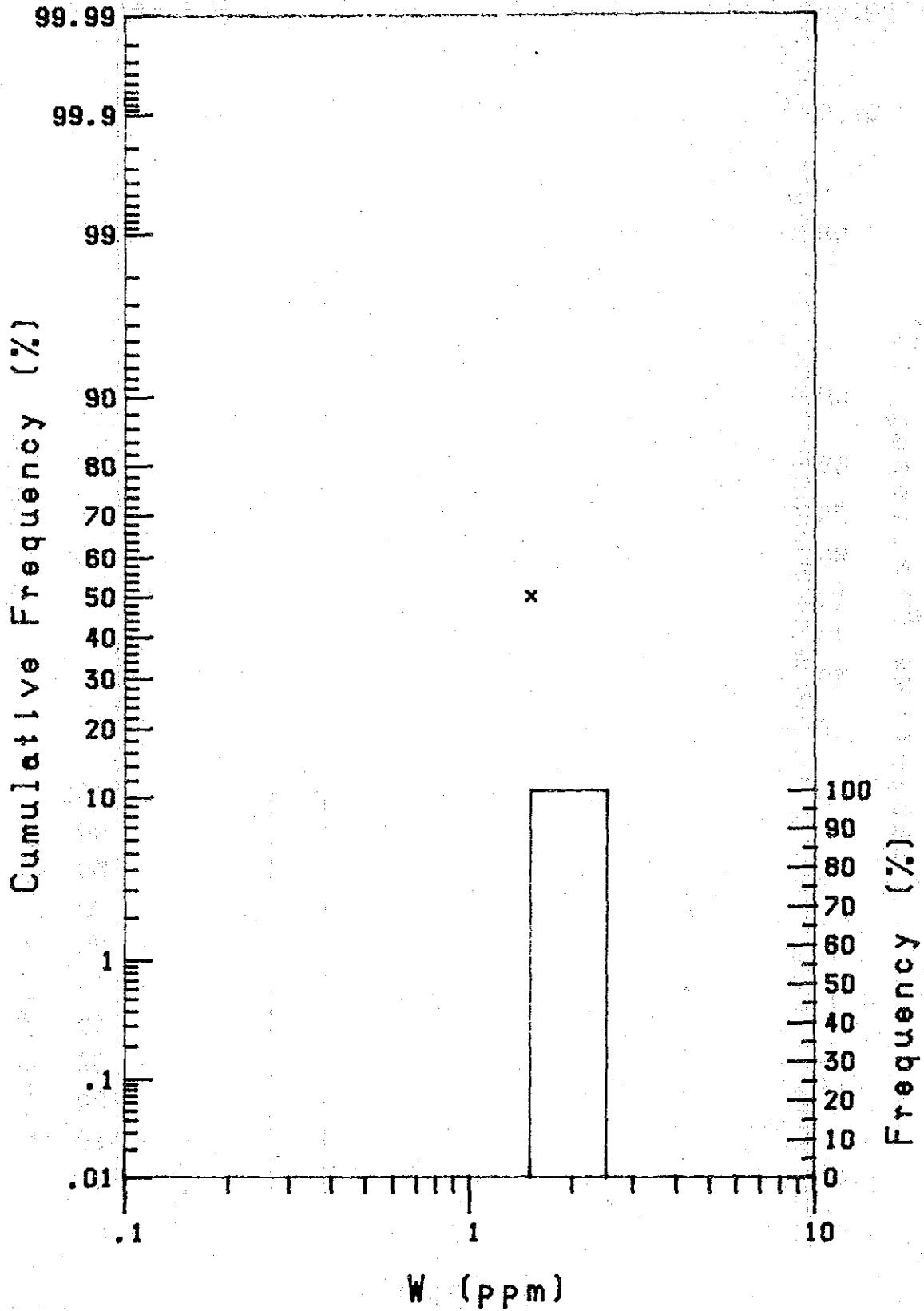
PA. Sn

10 Cases



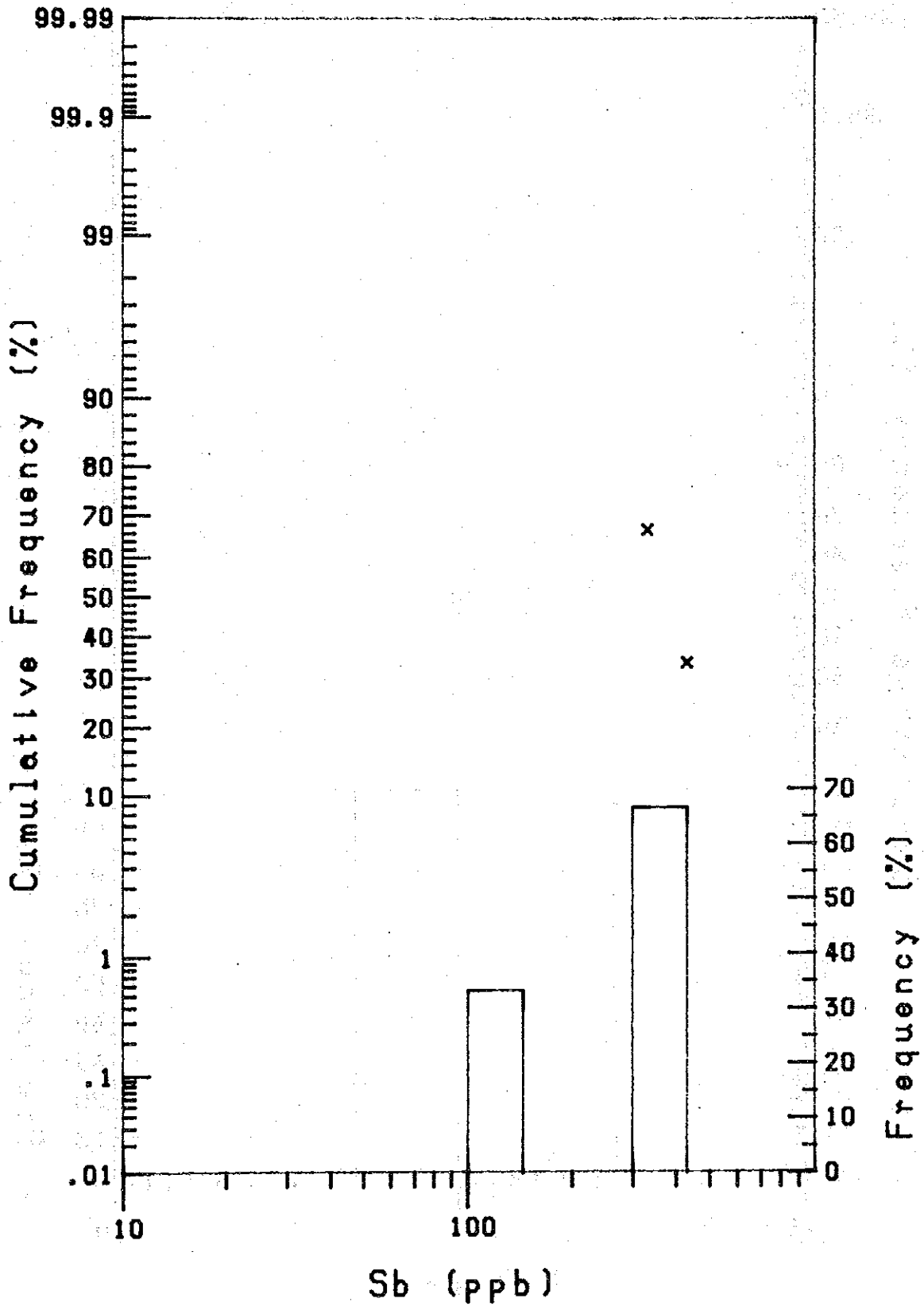
PA.W

10 Cases



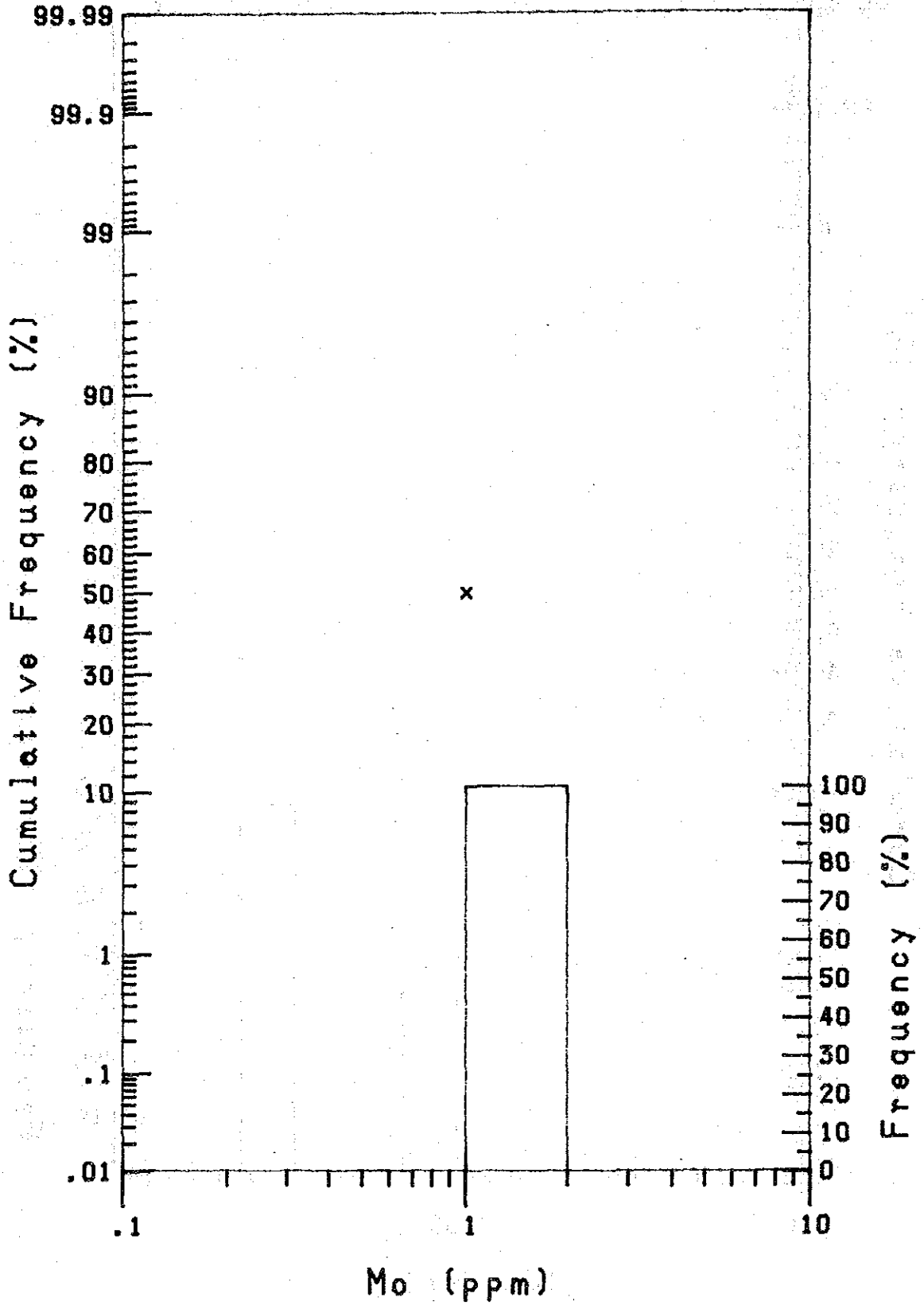
PA. Sb

10 Cases



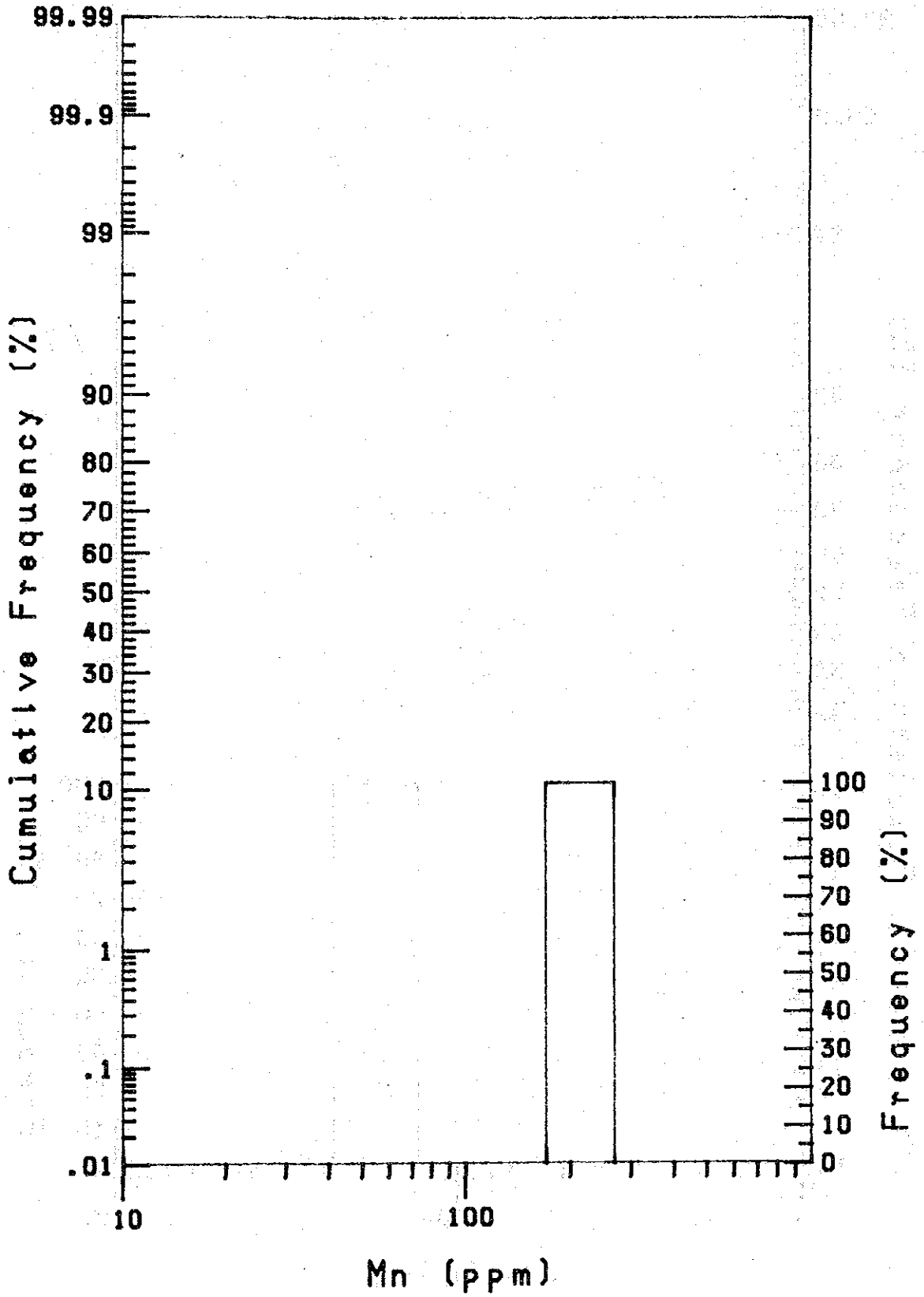
PA. Mo

10 Cases



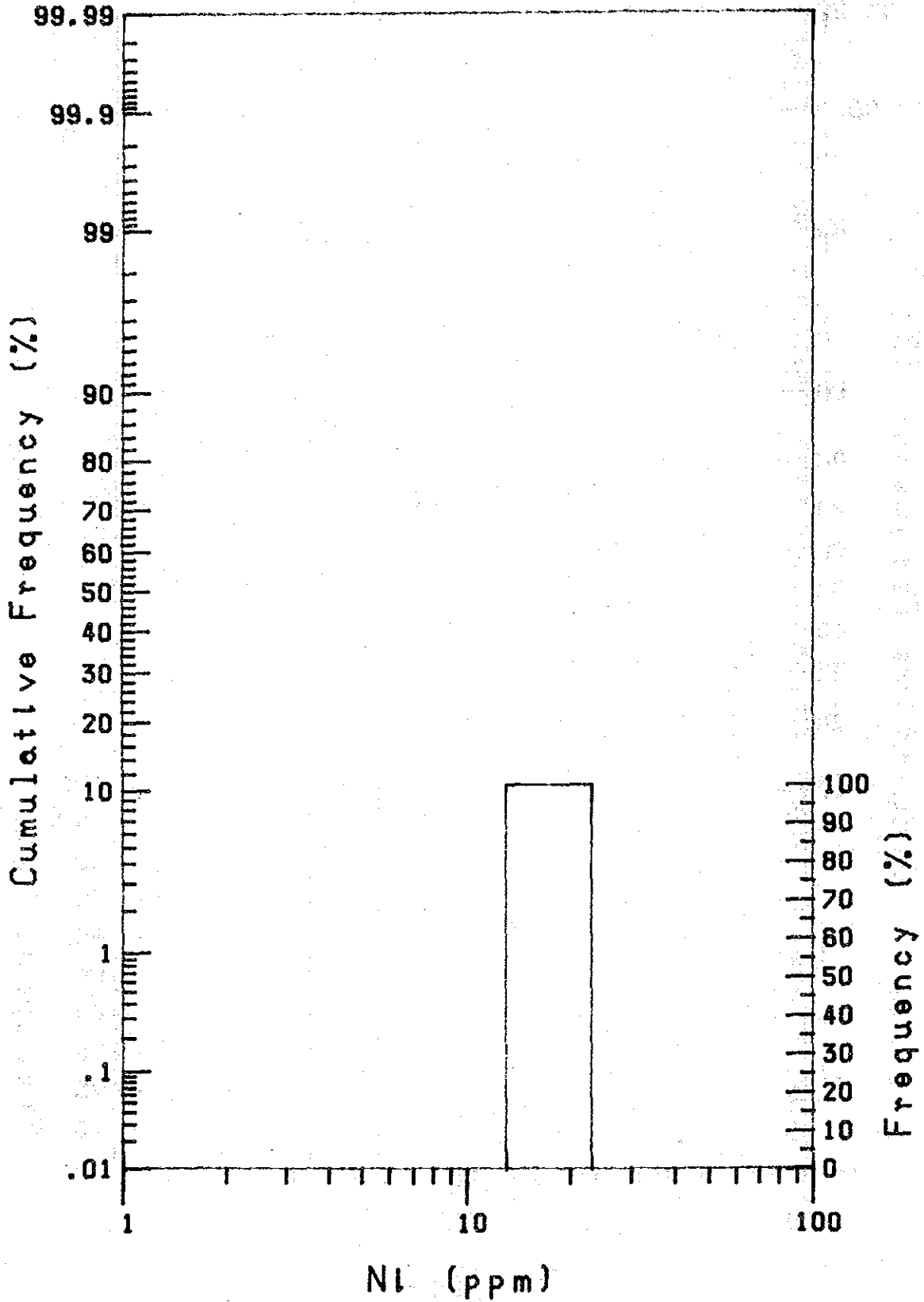
PA. Mn

10 Cases



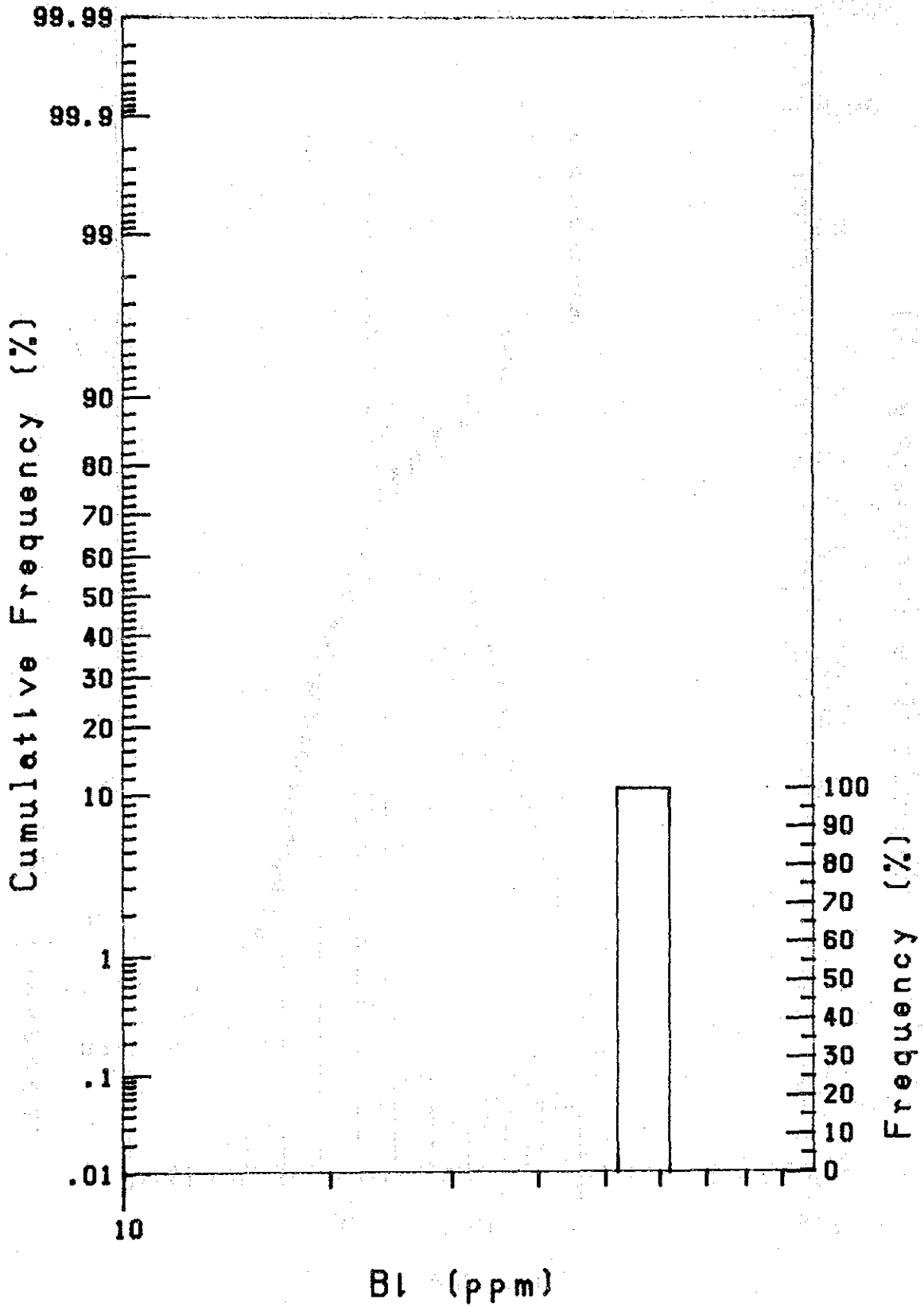
PA.NI

10 Cases



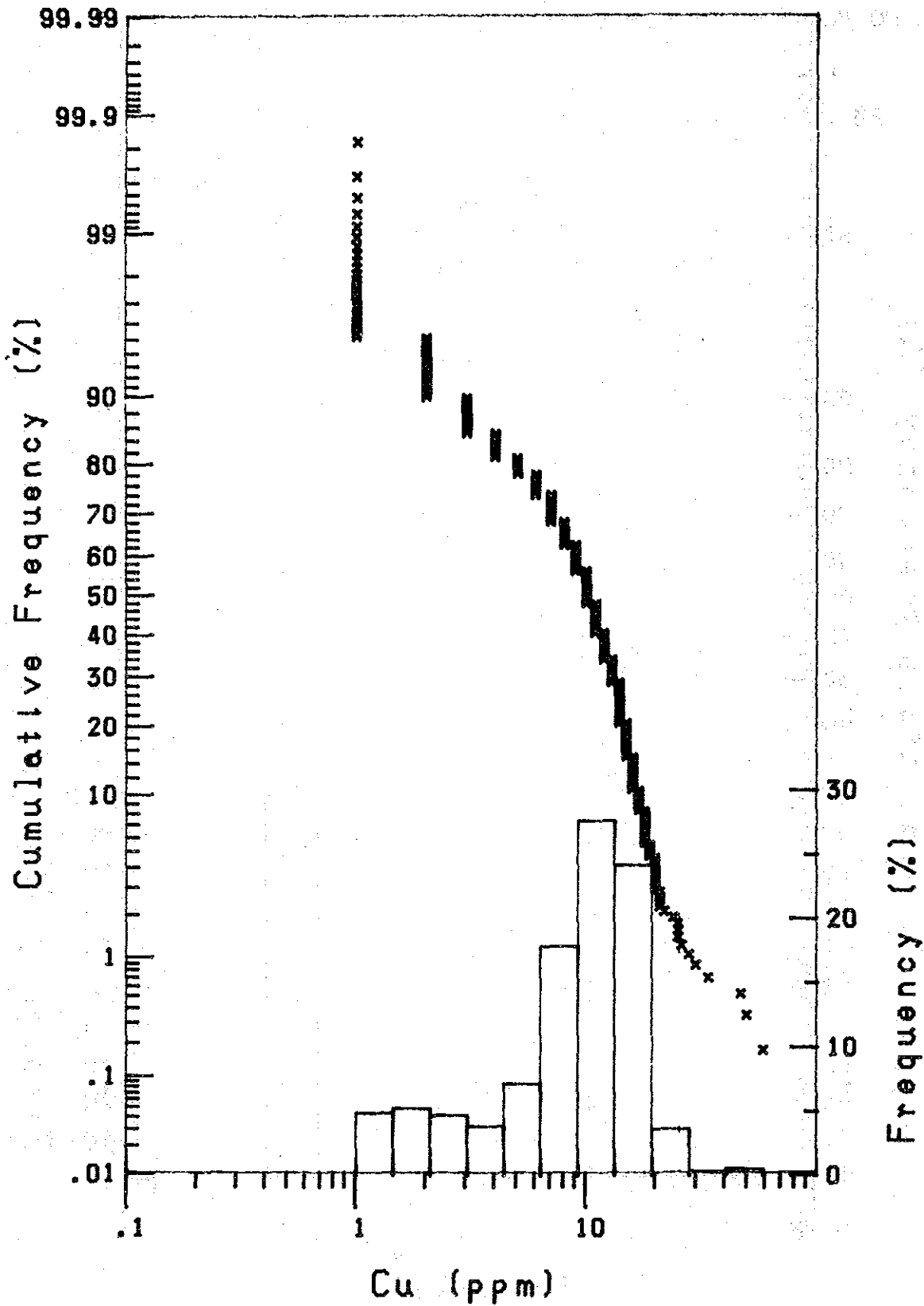
PA. BI

10 Cases



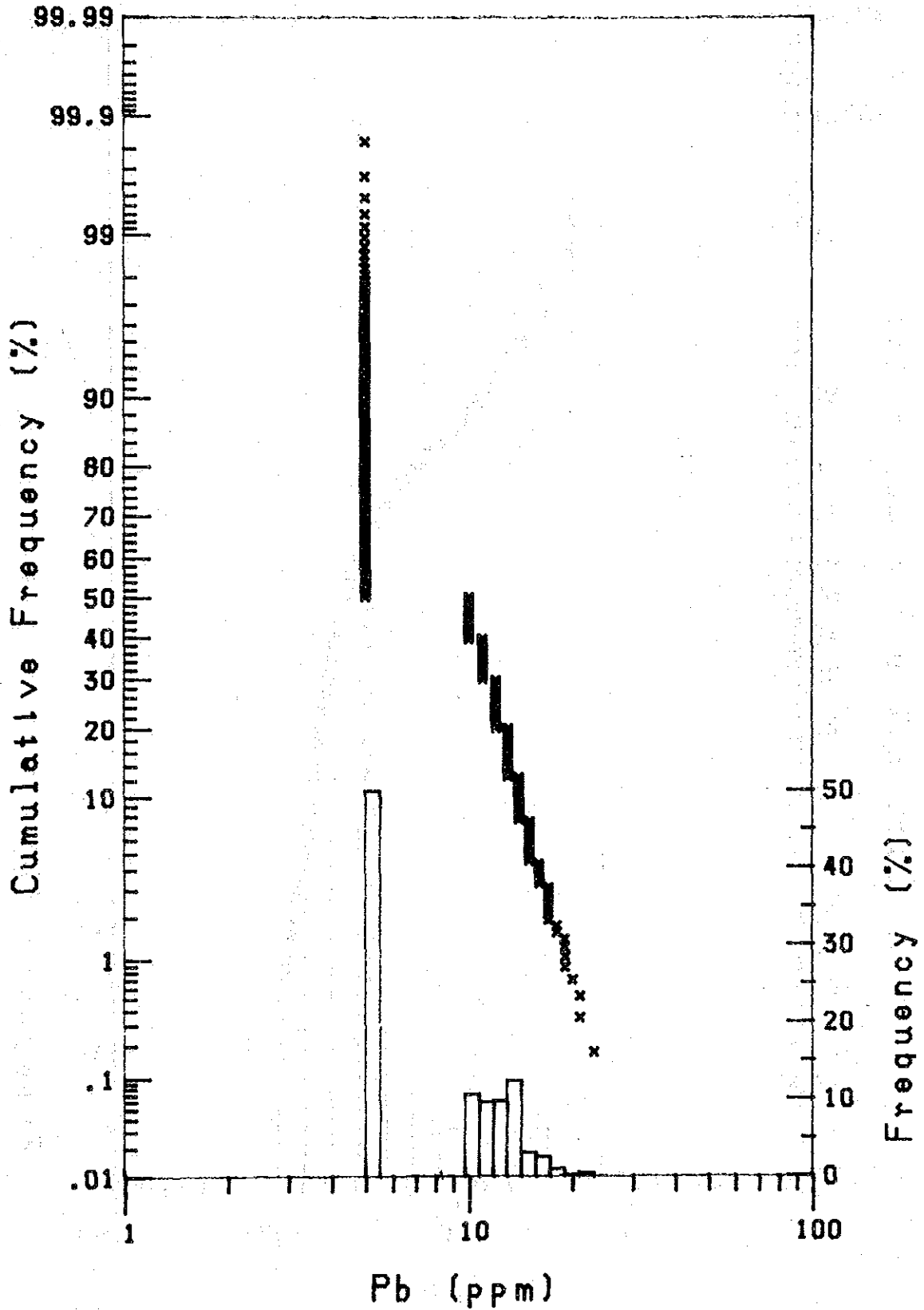
BT. Cu

938 Cases



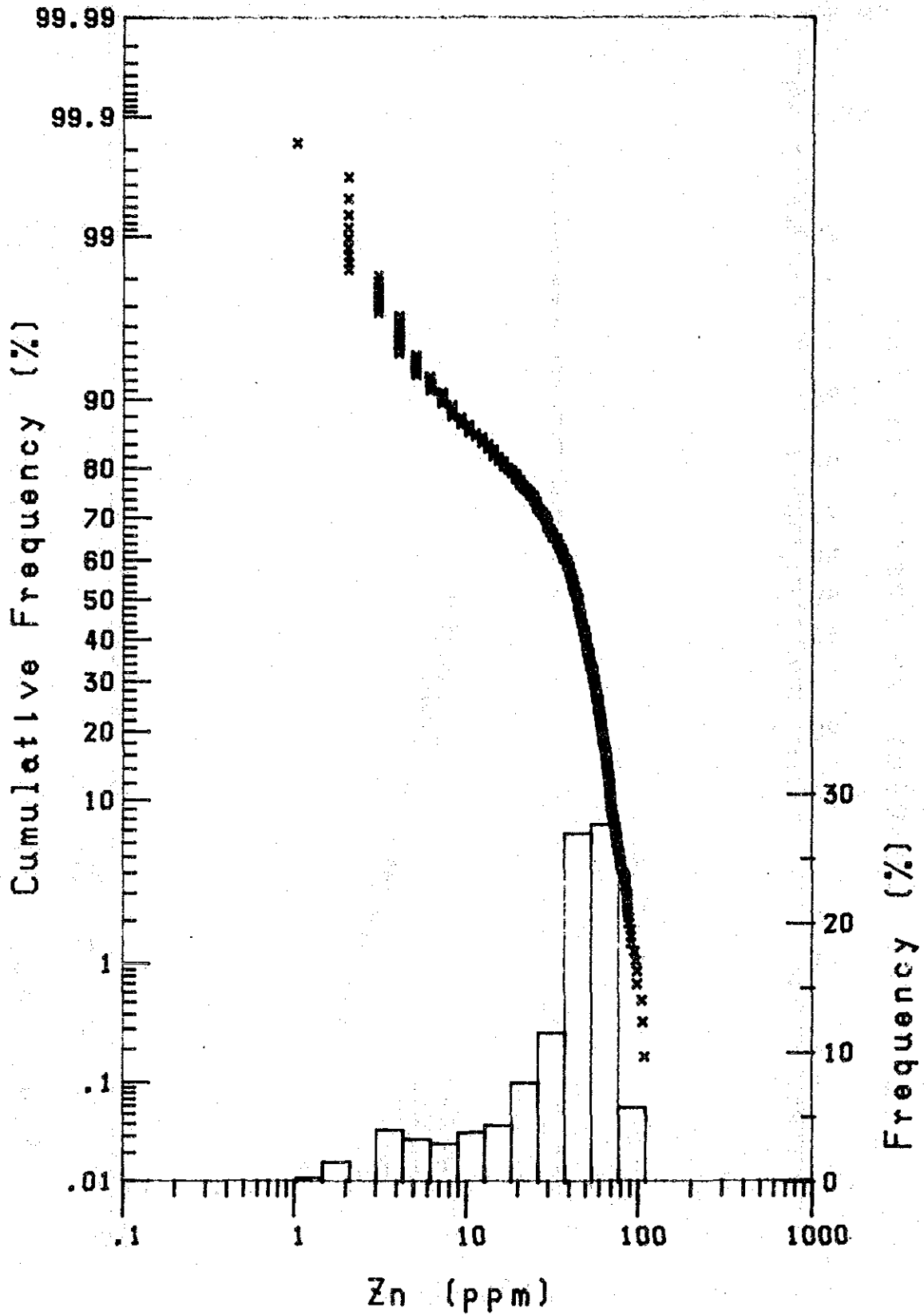
BT.Pb

938 Cases



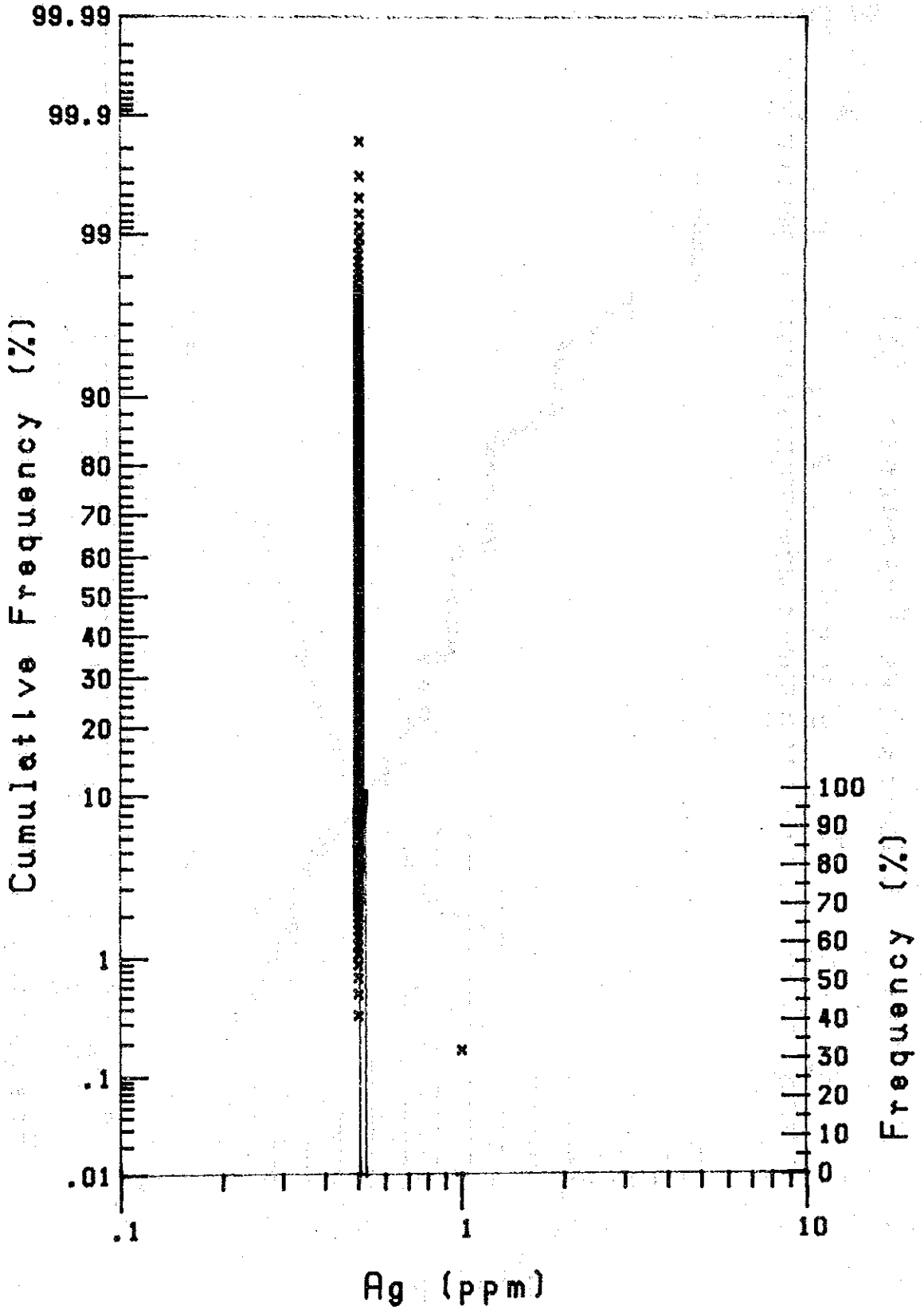
BT. Zn

938 Cases



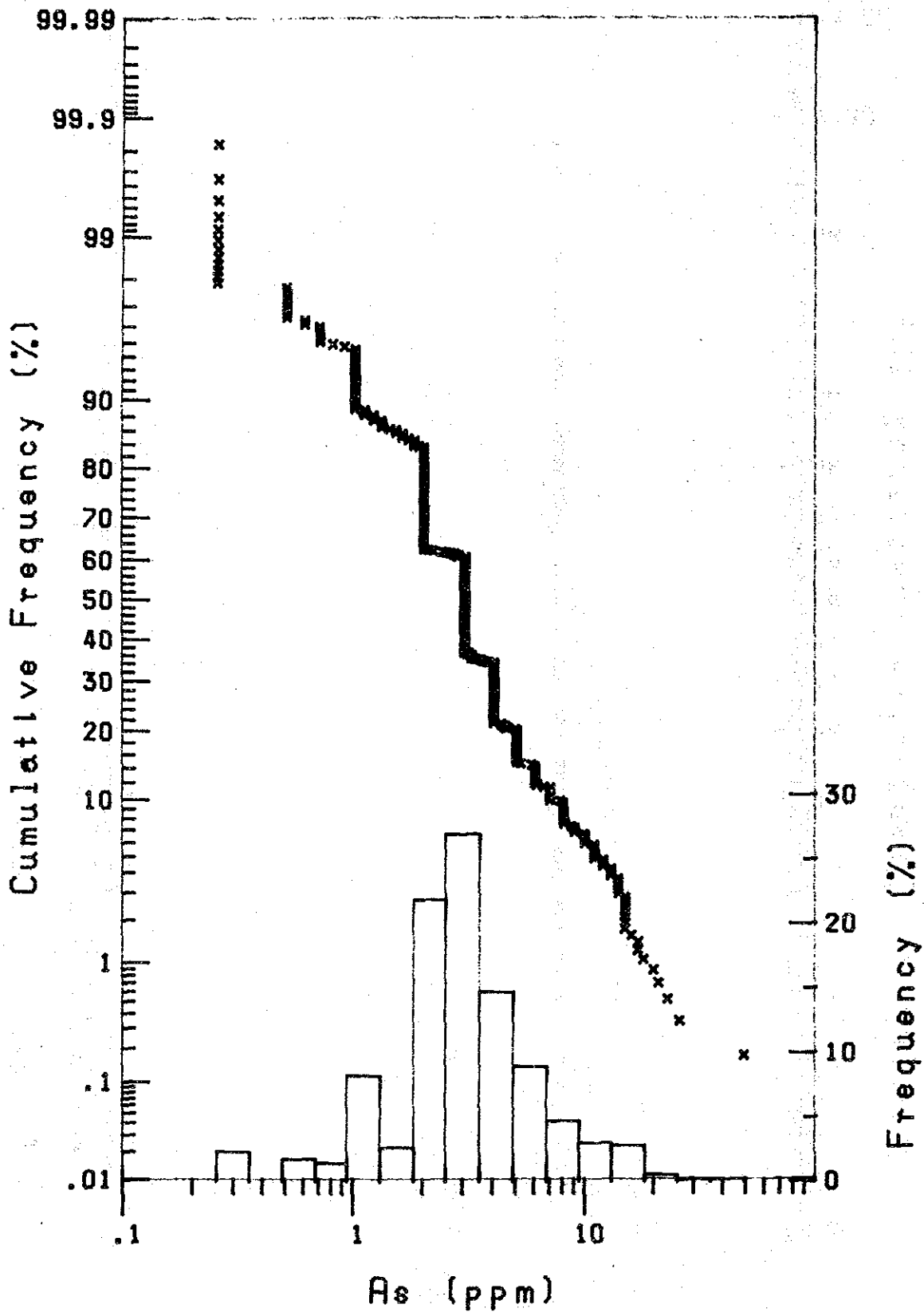
BT. Ag

938 Cases



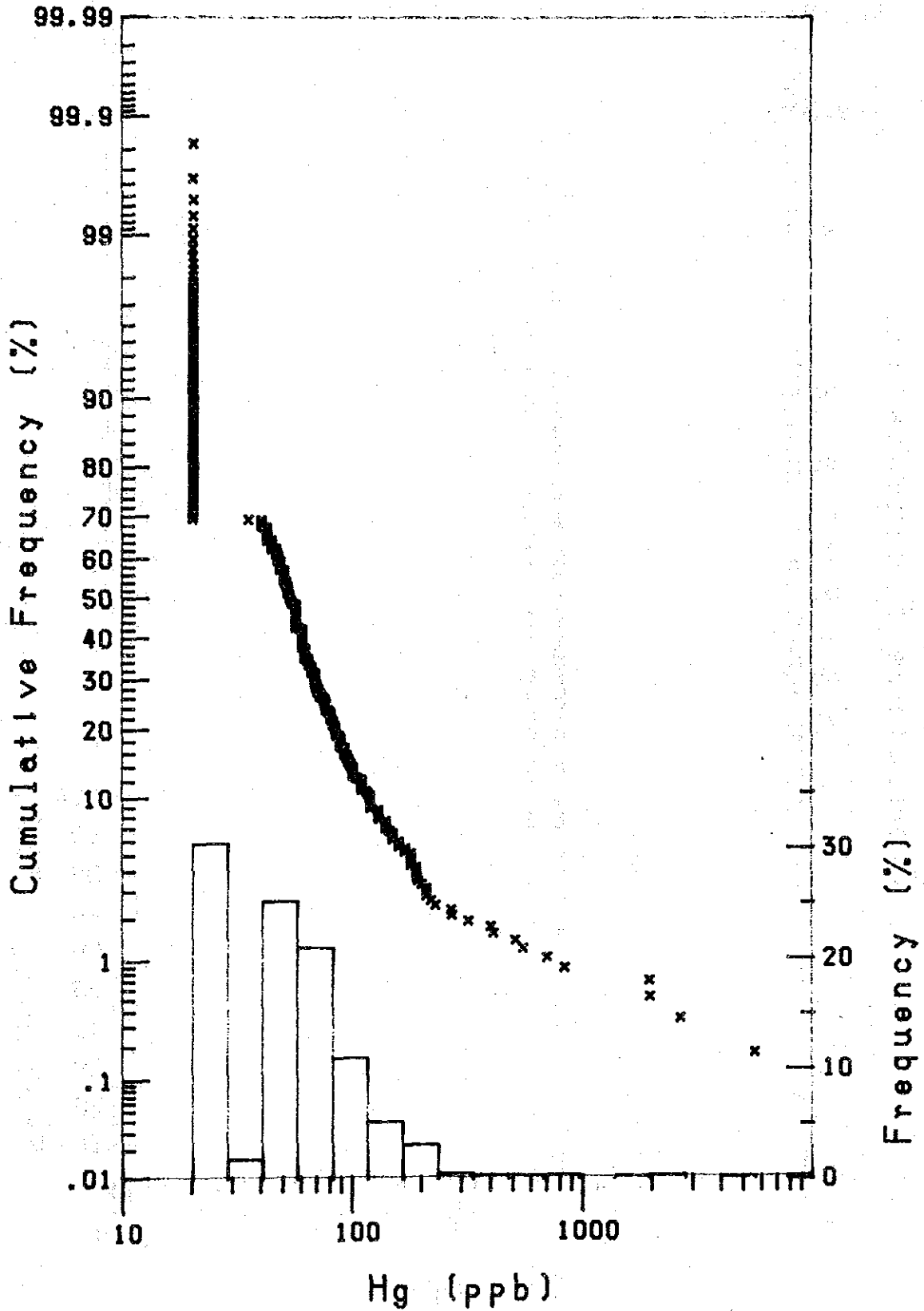
BT. As

938 Cases



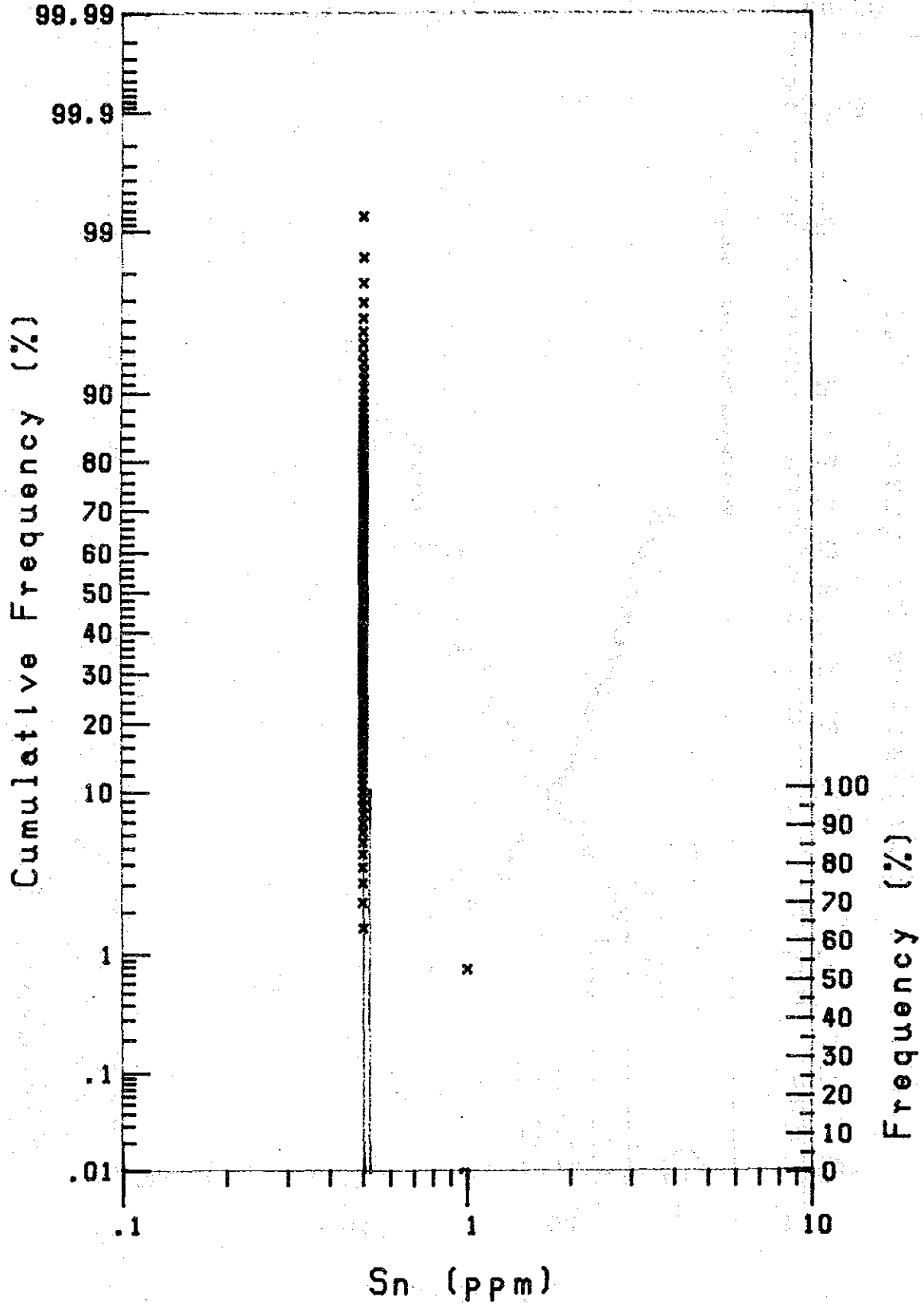
BT.Hg

938 Cases



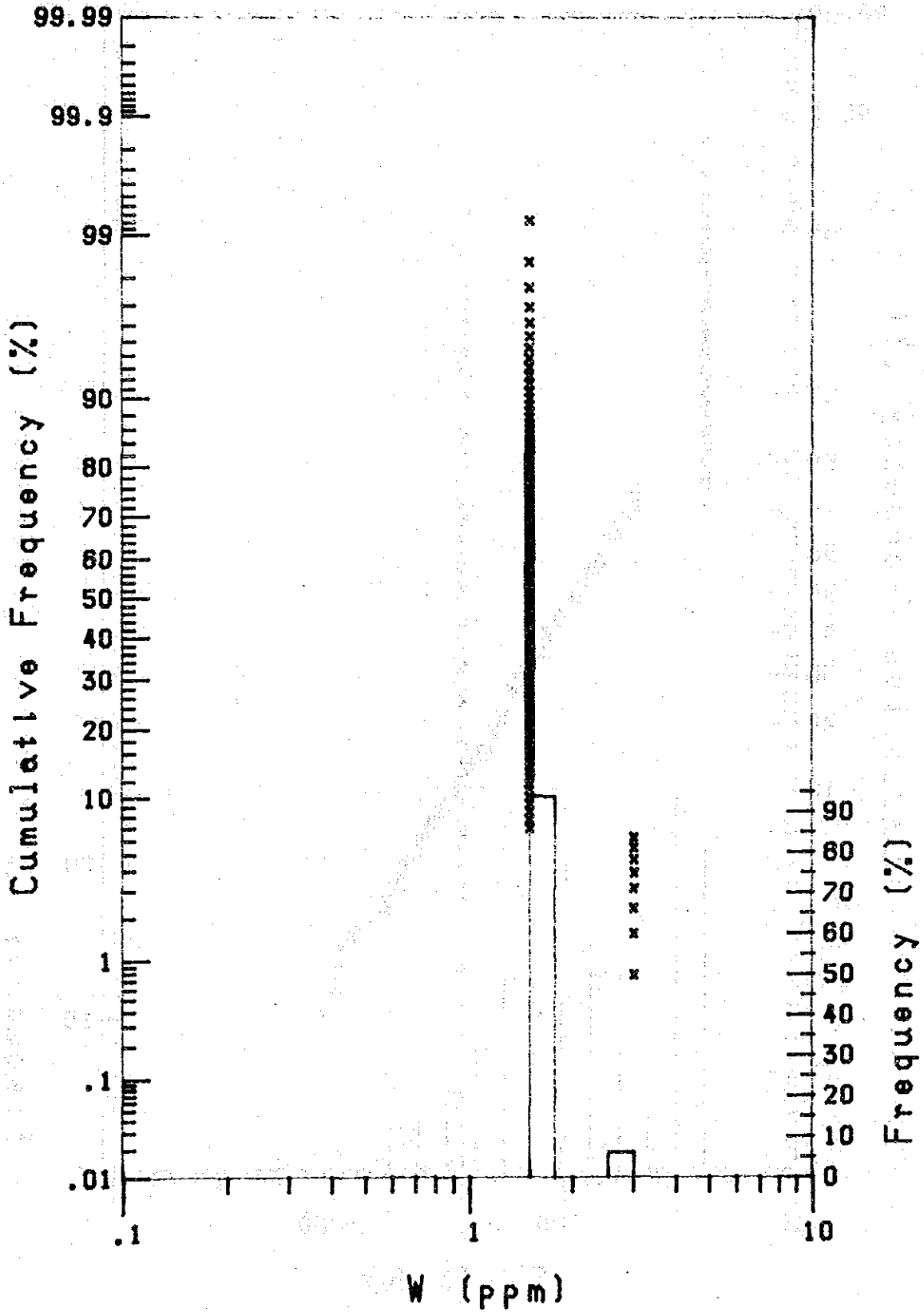
BT. Sn

938 Cases



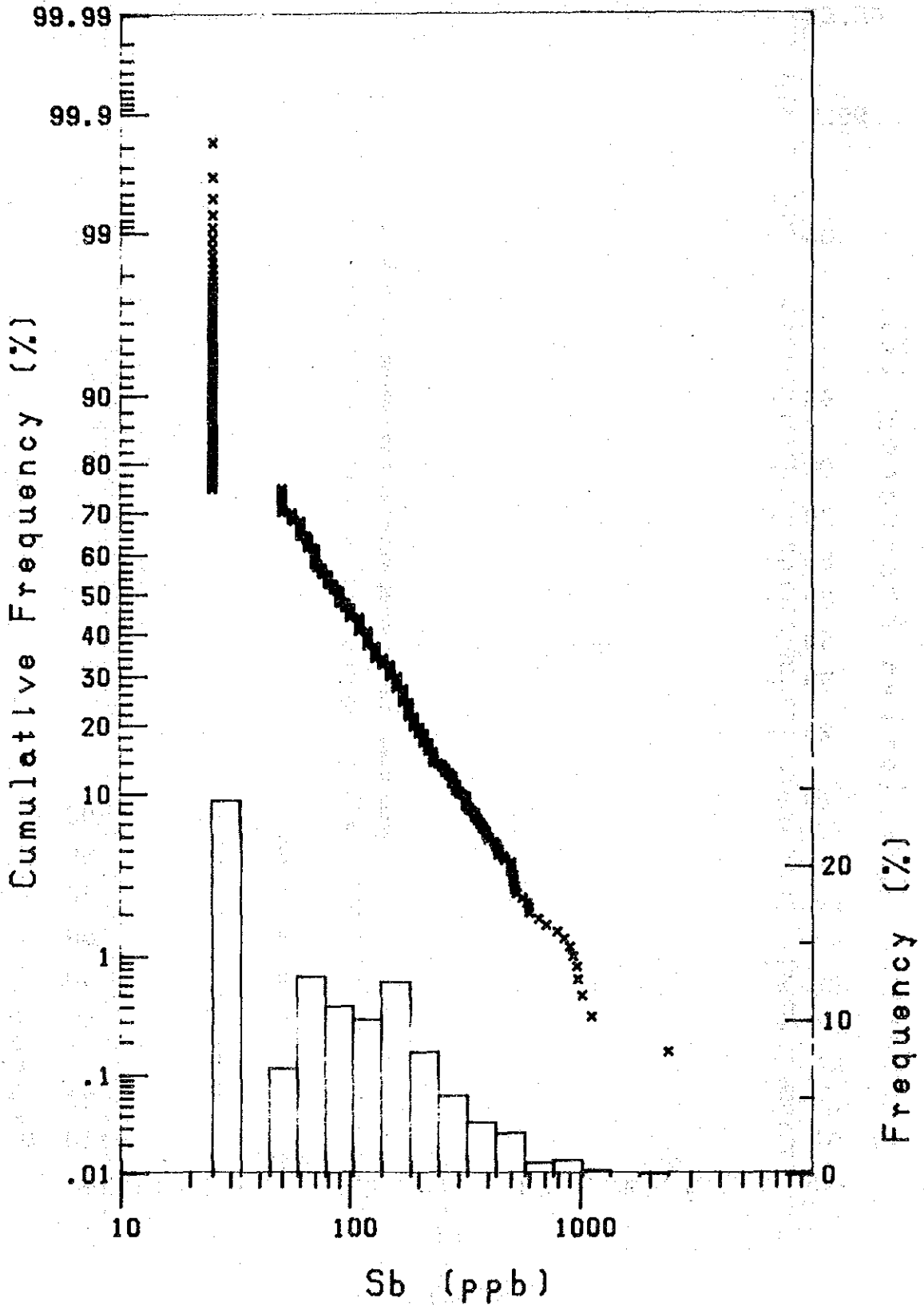
BT.W

938 Cases



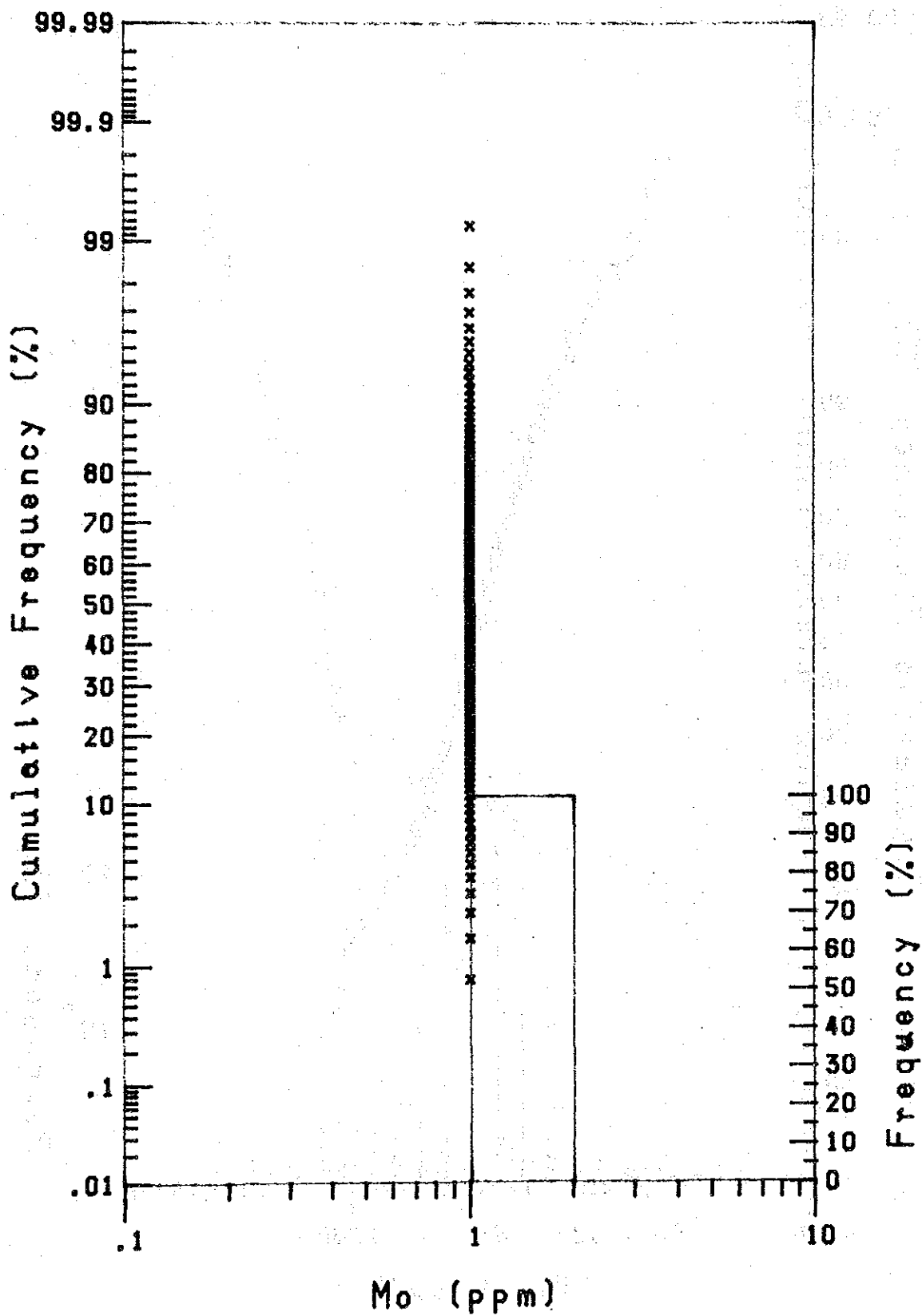
BT. Sb

938 Cases



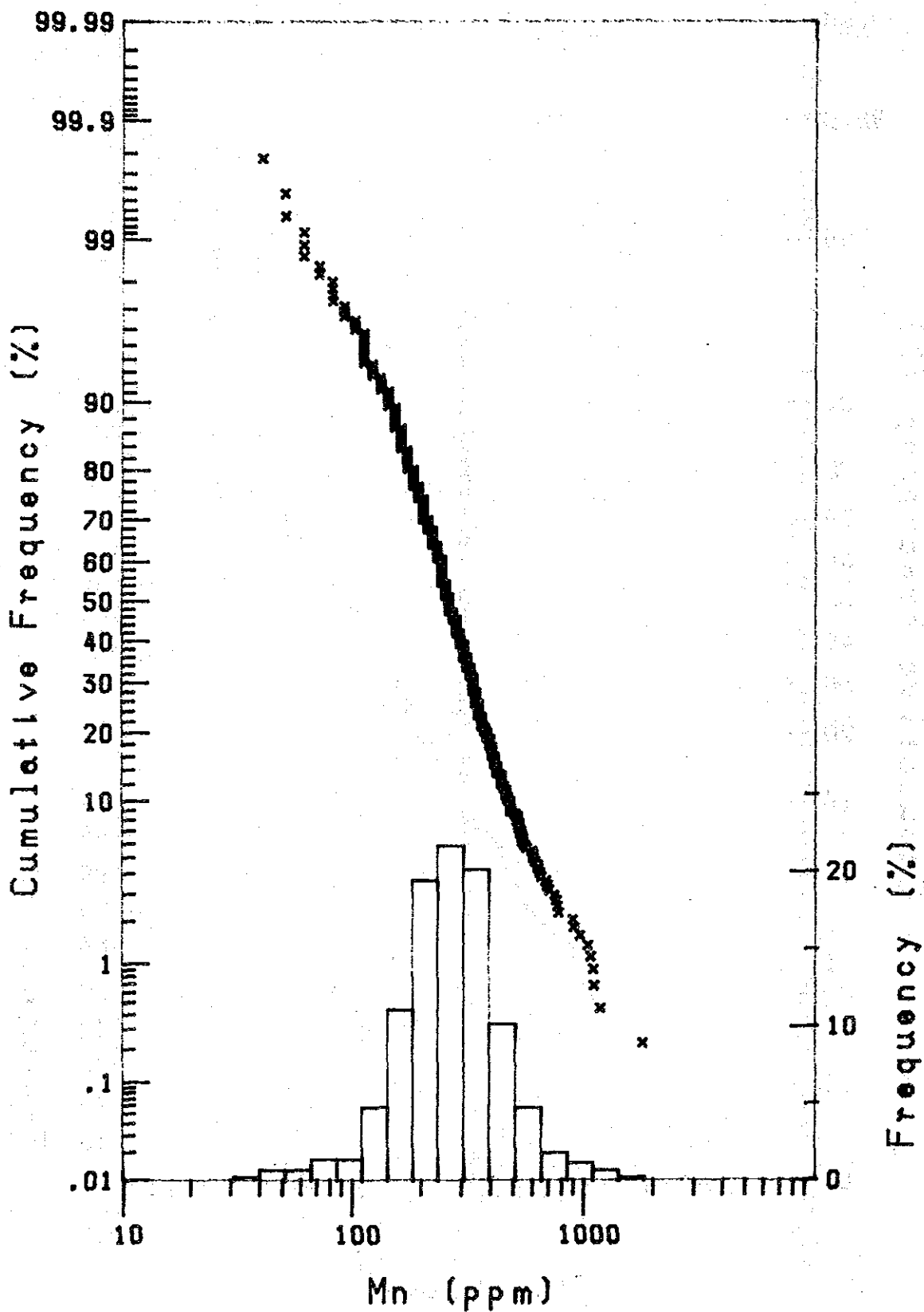
BT.Mo

938 Cases



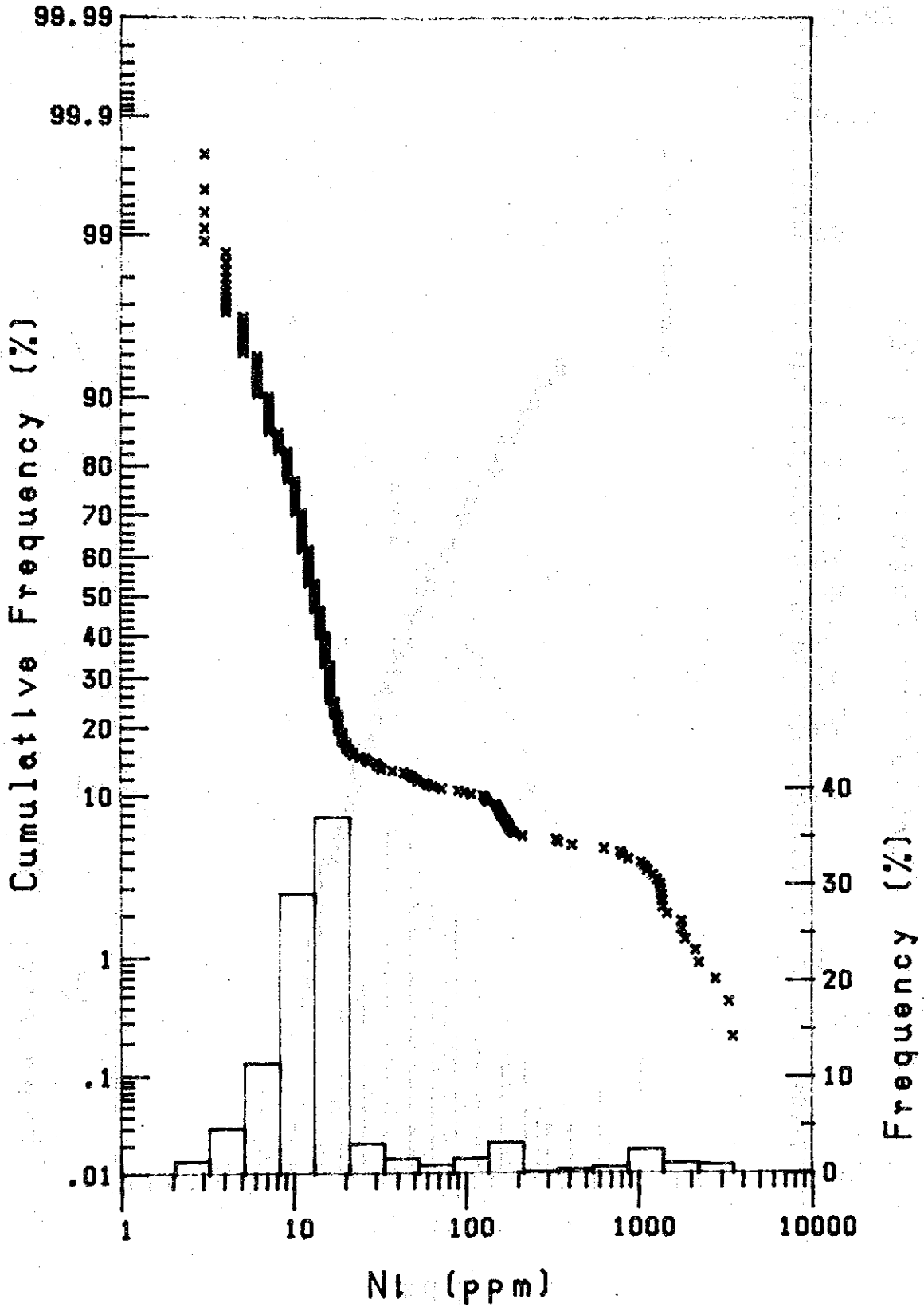
BT.Mn

938 Cases



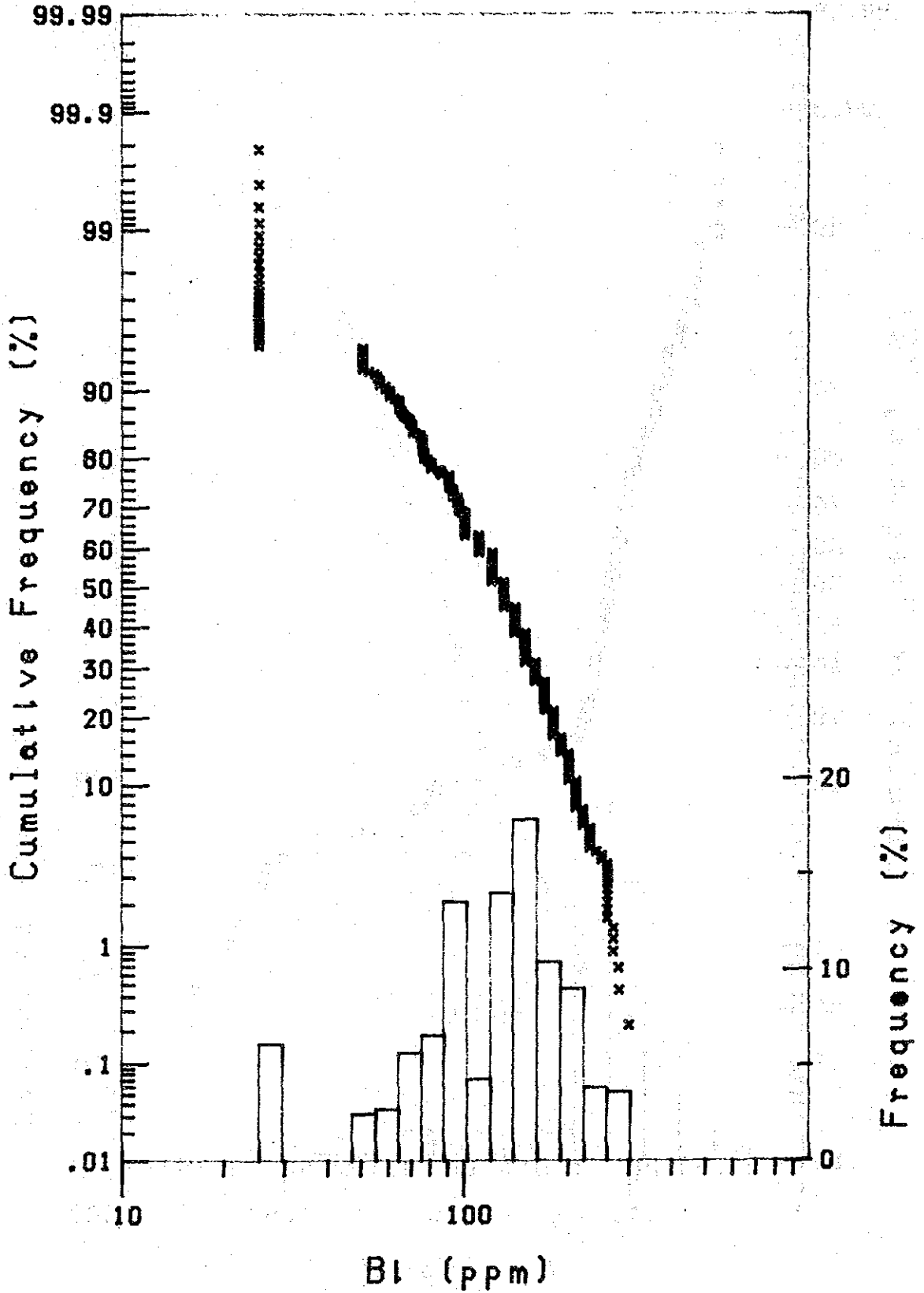
BT.NI

938 Cases



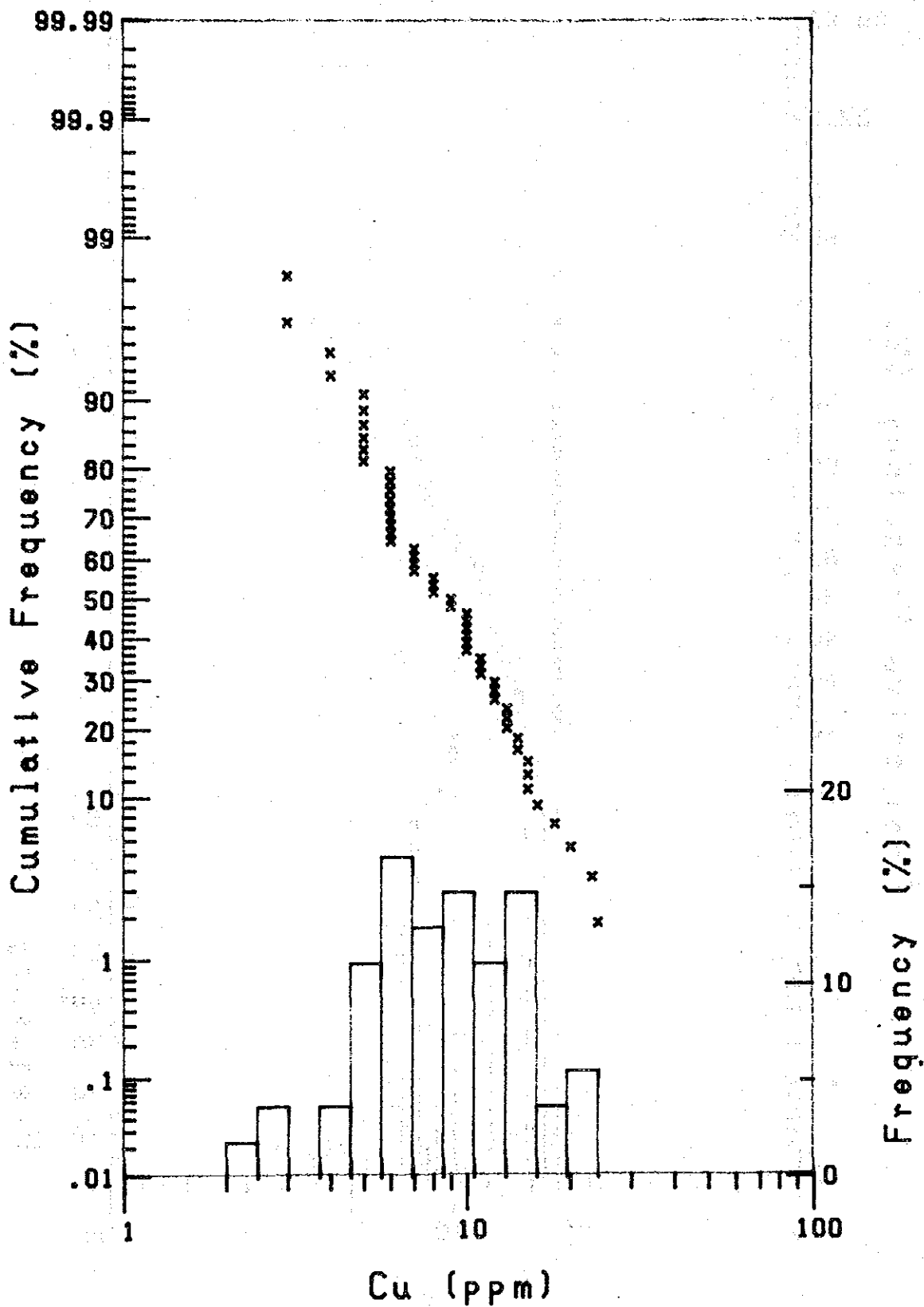
BT. B1

938 Cases



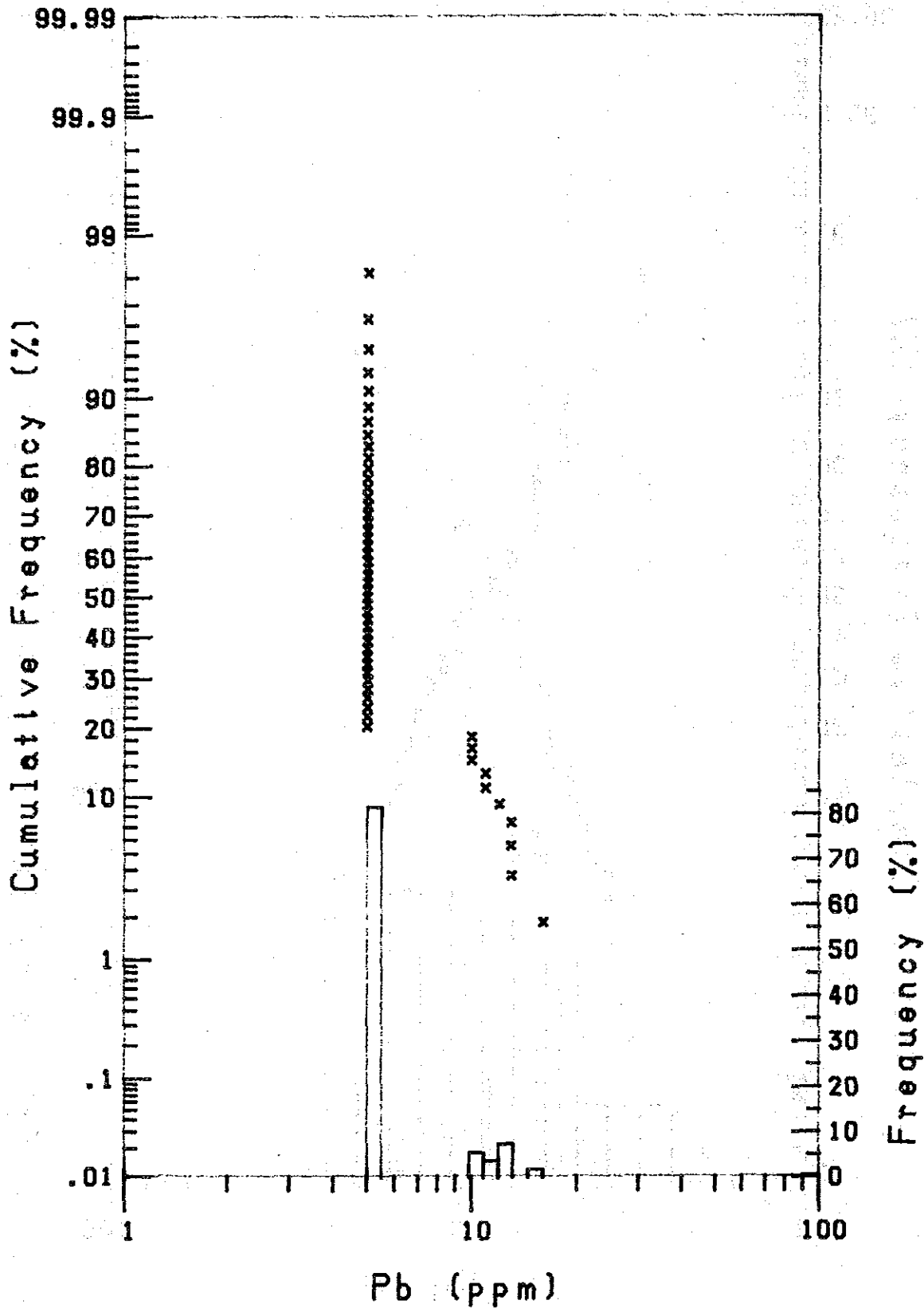
GU. Cu

54 Cases



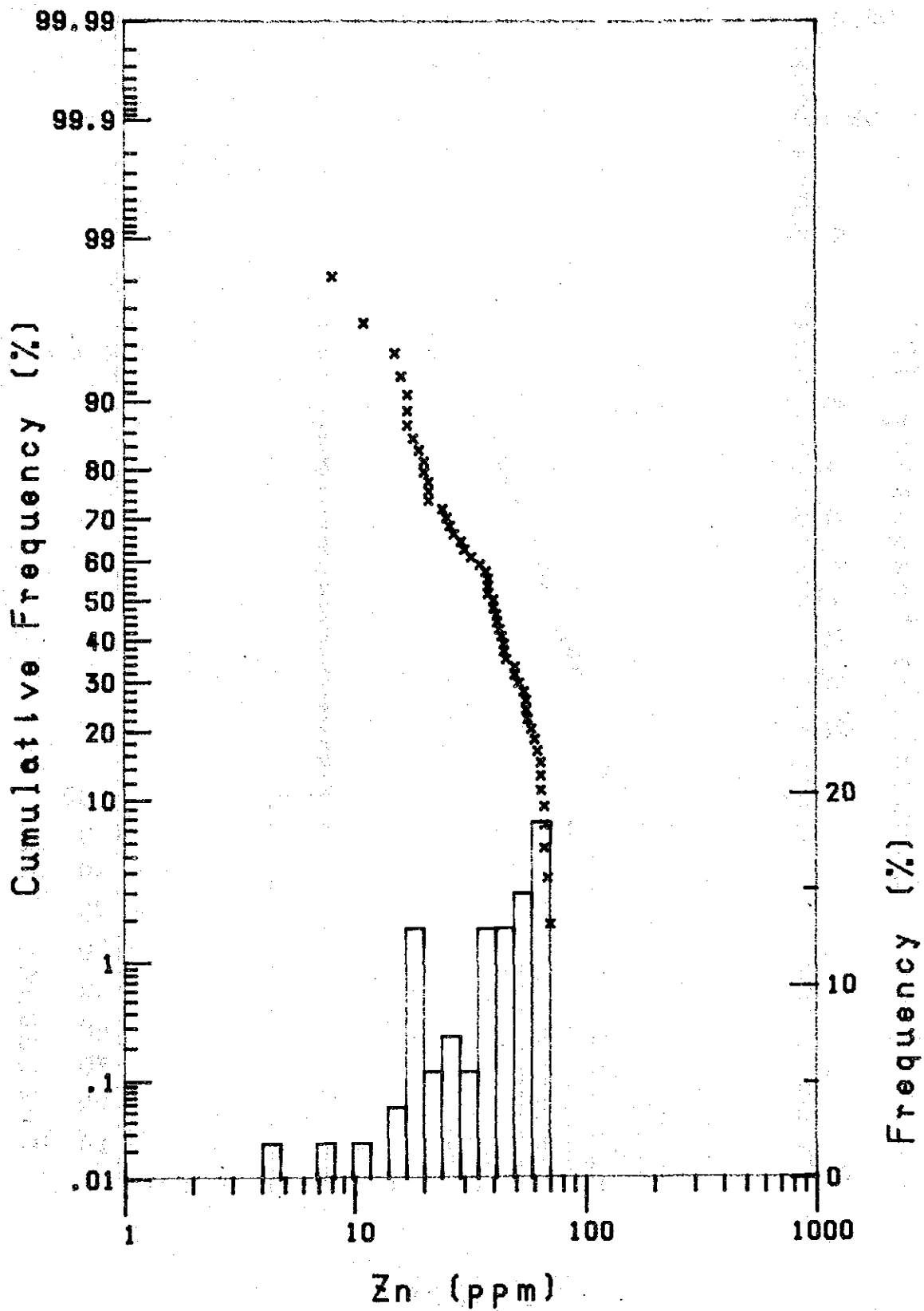
GU.Pb

54 Cases



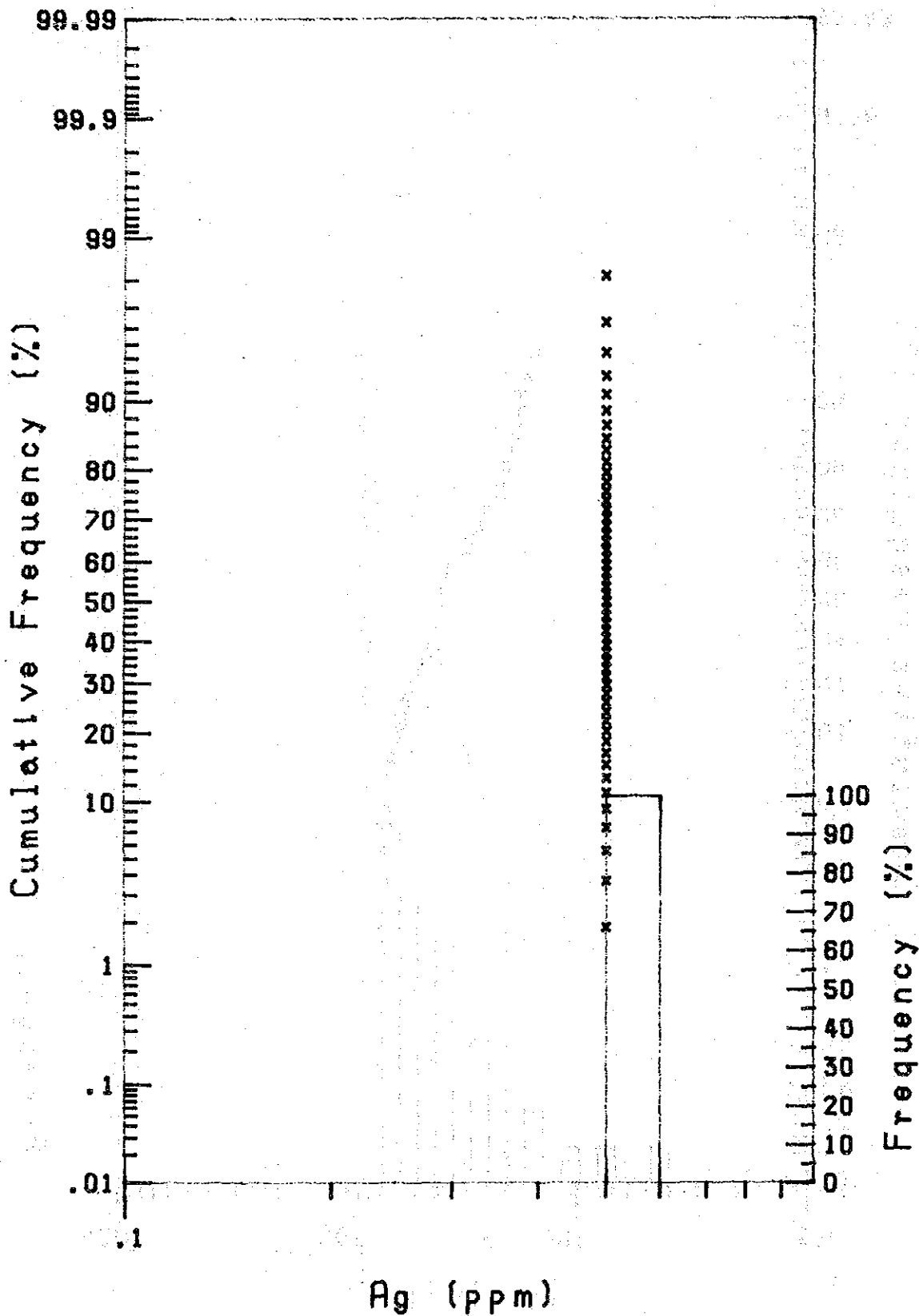
GU. Zn

54 Cases



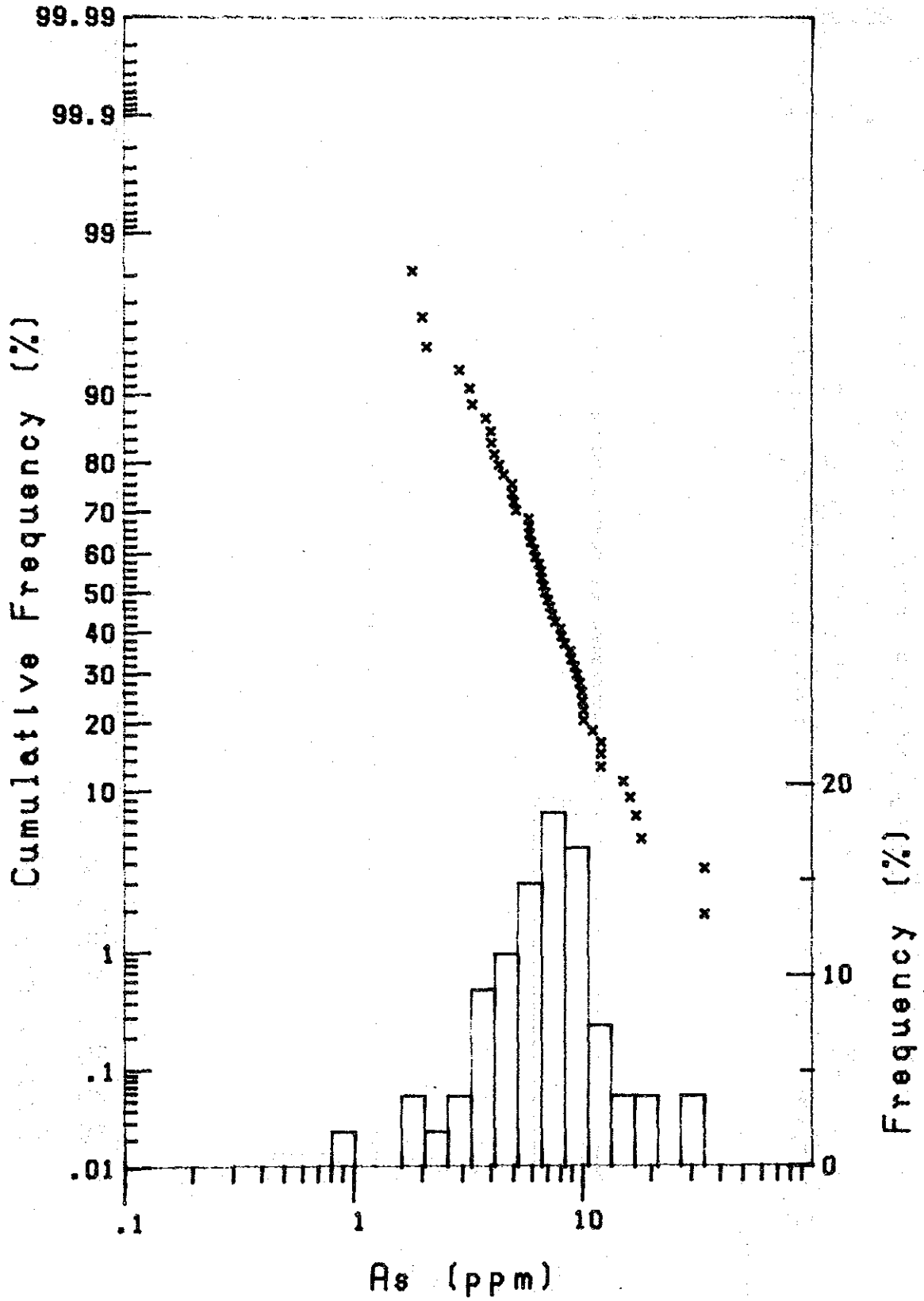
GU. Ag

54 Cases



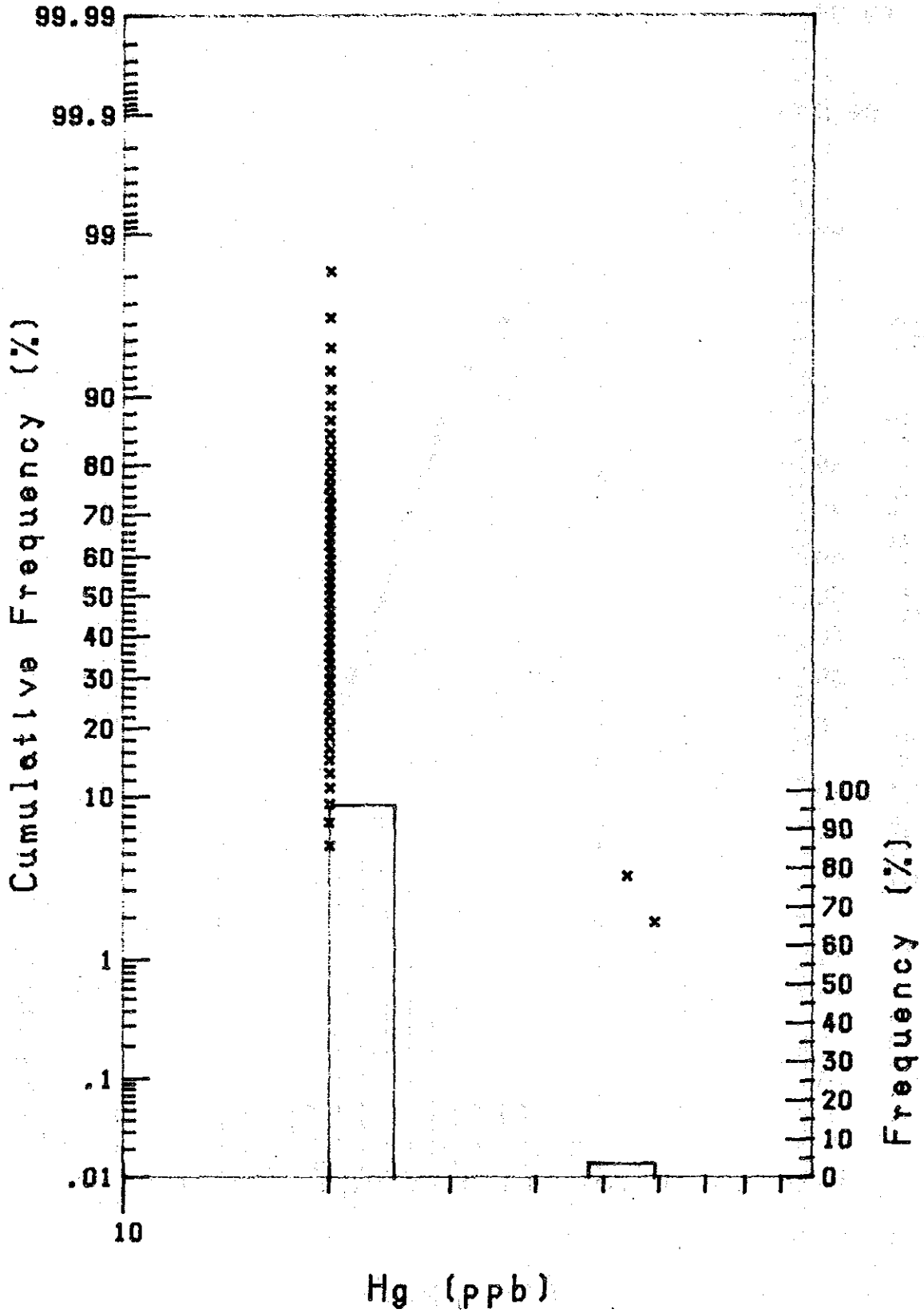
GU. As

54 Cases



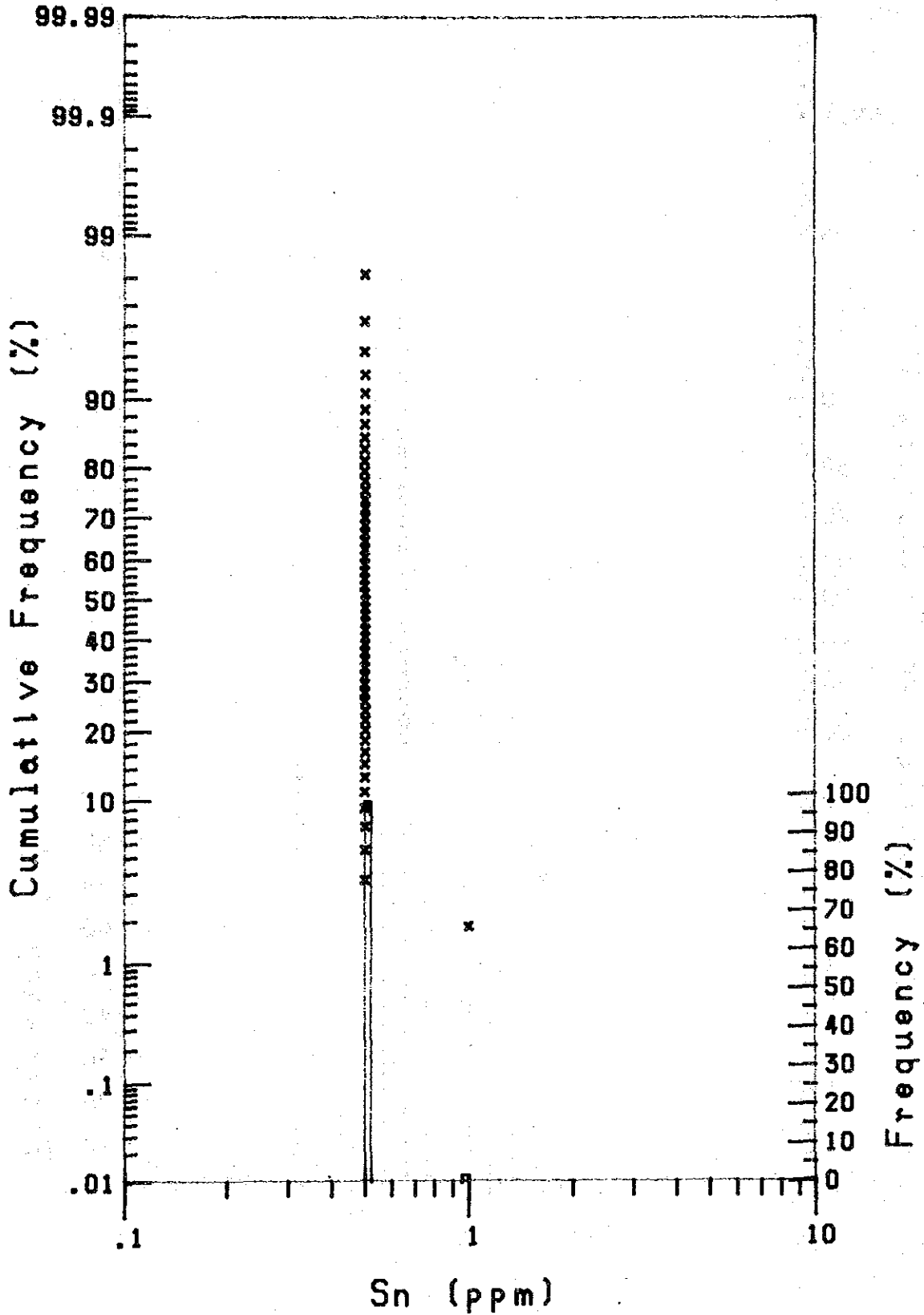
GU. Hg

54 Cases



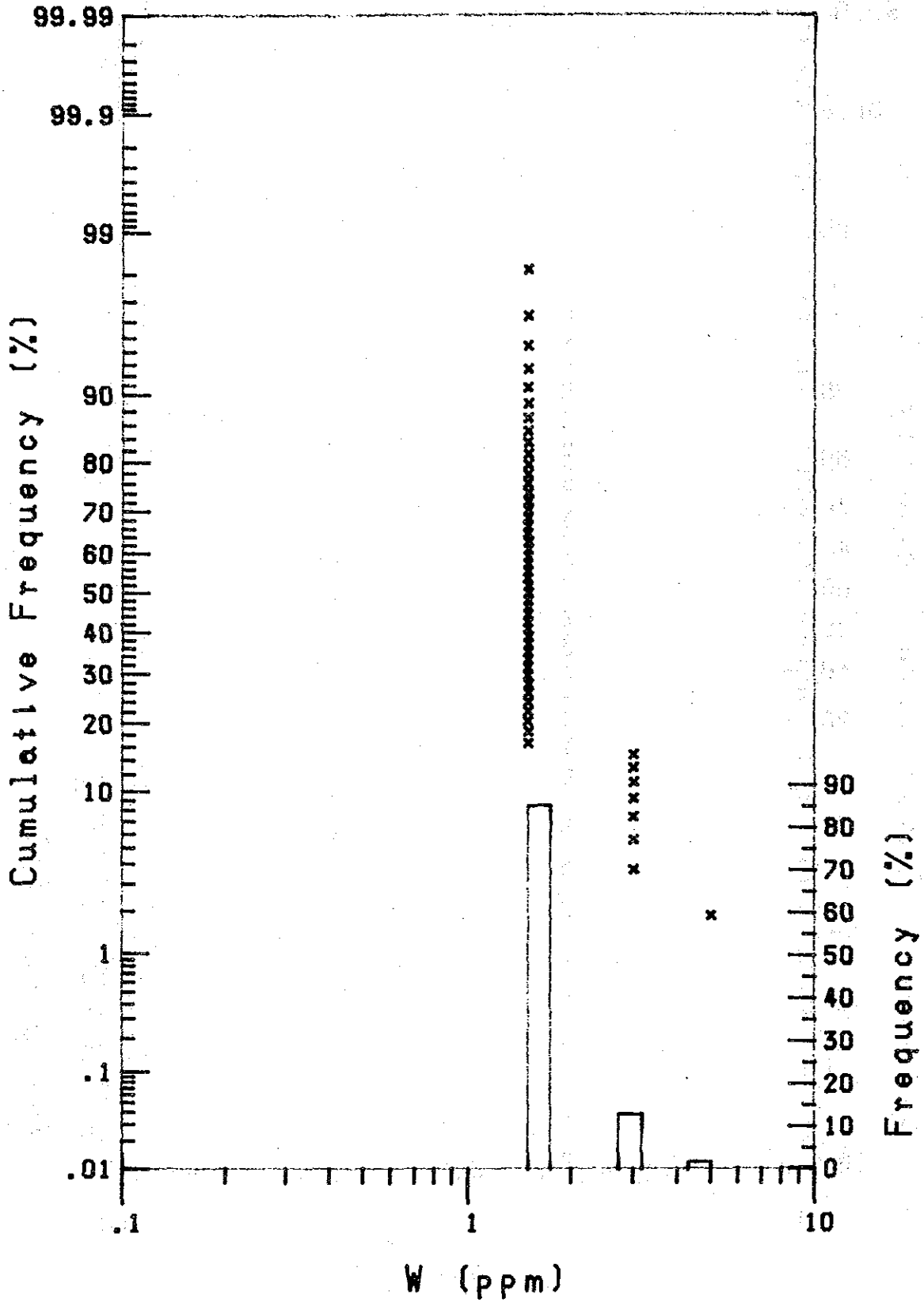
GU. Sn

54 Cases



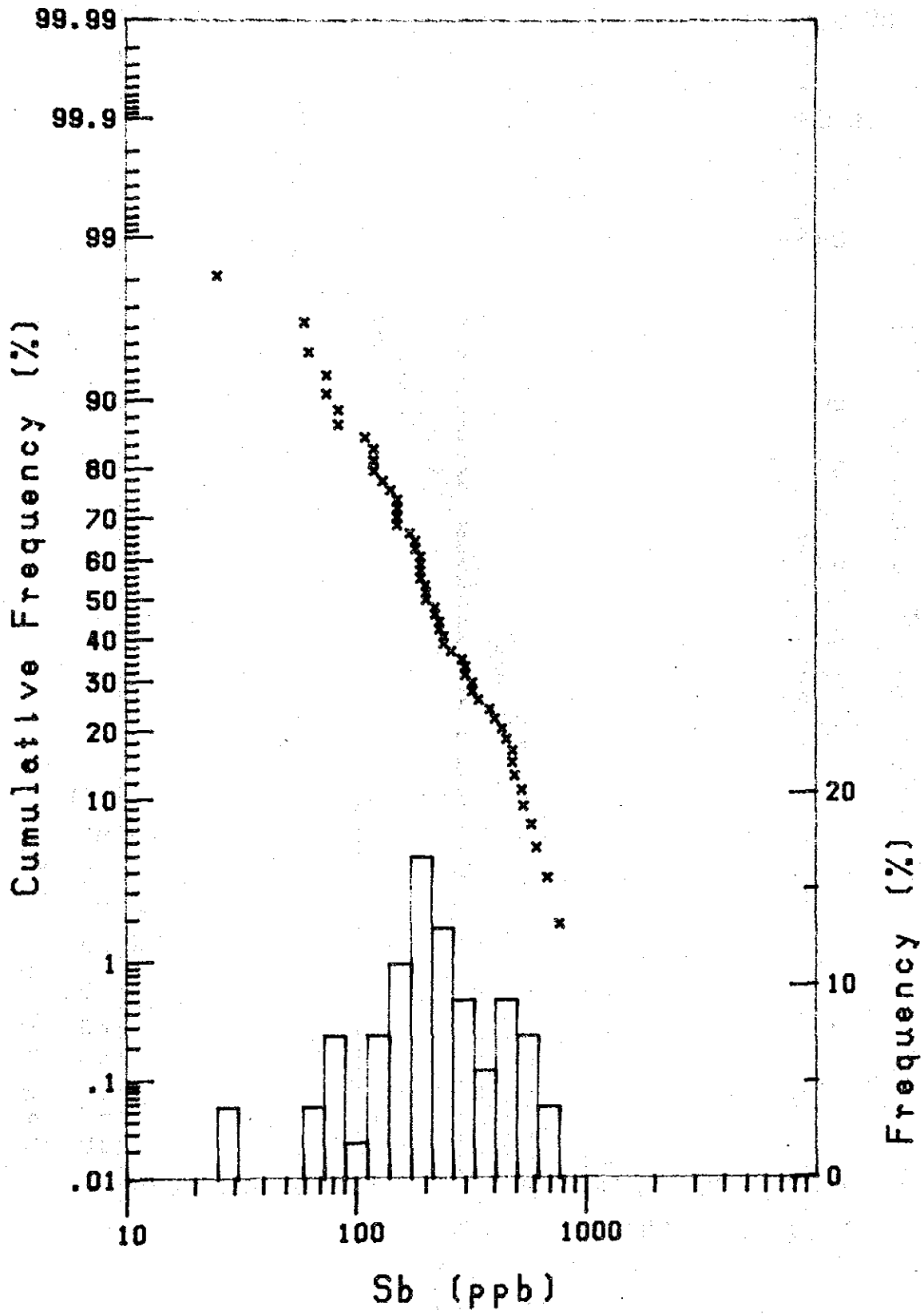
GU.W

54 Cases



GU. Sb

54 Cases



GU.Mo

54 Cases

