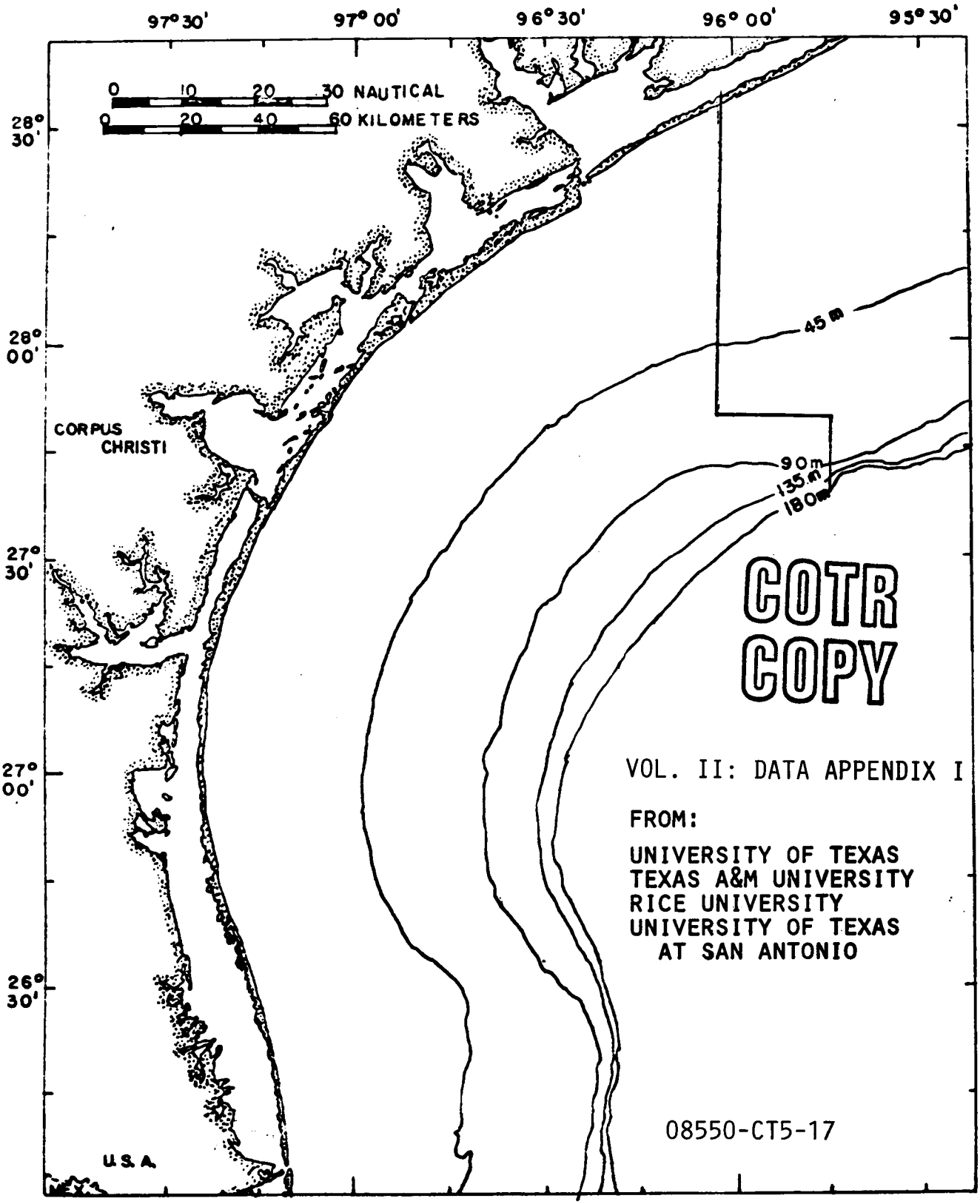
ENVIRONMENTAL STUDIES,
SOUTH TEXAS OUTER CONTINENTAL SHELF, 1975
BIOLOGY AND CHEMISTRY



VOL. II: DATA APPENDIX I

FROM:

UNIVERSITY OF TEXAS
TEXAS A&M UNIVERSITY
RICE UNIVERSITY
UNIVERSITY OF TEXAS
AT SAN ANTONIO

08550-CT5-17

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APPENDIX I

SALINITY TEMPERATURE AND DEPTH (STD)

DIGITIZED DATA FOR STOCS 1975

BLM HYDROGRAPHIC DATA

WINTER TRANSECT 1 STATION 1 DAY DEPTH 18 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
AMF	.0	17.70	33.26
AGN	2.0	17.20	
AGN	4.0	16.90	
AGN	6.0	17.60	
AGN	8.0	17.60	
AGN	12.0	17.60	
AGM	16.0	17.60	35.11
AFK	17.0		34.46

BLM HYDROGRAPHIC DATA

WINTER TRANSECT 1 STATION 1 NIGHT DEPTH 18 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
AFW	4.0		32.61

BLM HYDROGRAPHIC DATA

WINTER TRANSECT 1 STATION 2 NIGHT DEPTH 42 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
ACY	5.0	19.32	35.66
ACZ	20.0	21.00	35.92
ADA	35.0	21.61	36.18

BLM HYDROGRAPHIC DATA

WINTER TRANSECT 1 STATION 2 DAY DEPTH 42 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
ADC	.0	19.00	
ADC	2.0	19.60	
ADC	4.0	19.60	
ADC	8.0	19.40	
ADC	12.0	19.30	

OLM HYDROGRAPHIC DATA

WINTER TRANSECT 1 STATION 3 DAY DEPTH 134 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
AAV	3.0	24.00	35.70
AAV	6.0	24.00	35.70
AAV	9.0	24.00	35.70
AAV	12.0	24.00	35.70
AAV	15.0	24.00	35.70
AAV	18.0	24.00	35.70
AAV	21.0	24.00	35.70
AAV	24.0	24.10	35.70
AAV	27.0	24.20	35.70
AAV	30.0	24.20	35.70
AAV	33.0	24.20	35.70
AAV	36.0	24.20	35.80
AAV	39.0	24.20	35.80
AAV	42.0	24.20	35.90
AAV	45.0	24.30	35.95
AAV	48.0	24.30	36.00
AAV	51.0	24.40	36.05
AAV	54.0	24.60	36.10
AAV	57.0	24.60	36.20
AAV	60.0	24.60	36.25
AAV	63.0	24.40	36.25
AAV	66.0	24.20	36.20
AAV	69.0	24.00	36.25
AAV	72.0	23.20	36.30
AAV	75.0	22.00	36.30
AAV	78.0	21.00	36.20
AAV	81.0	20.80	36.20
AAV	84.0	20.60	36.40
AAV	87.0	20.40	36.35
AAV	90.0	20.00	36.35
AAV	93.0	19.60	36.35
AAV	96.0	19.40	36.35
AAV	99.0	19.10	36.40
AAV	102.0	18.90	36.40
AAV	105.0	18.80	36.40
AAV	108.0	18.60	36.40
AAV	111.0	18.40	36.30
AAV	114.0	18.20	36.30
AAV	117.0	18.00	36.30
AAV	120.0	17.80	36.30
AAV	123.0	17.50	36.25

BLM HYDROGRAPHIC DATA

WINTER TRANSECT I STATION 3 NIGHT DEPTH 134 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
AAJ	.0	23.45	36.31

BLM HYDROGRAPHIC DATA

WINTER TRANSECT II STATION 2 DAY DEPTH 49 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
AMG	3.0	19.40	35.50
AMG	6.0	20.80	35.50
AMG	9.0	20.80	35.55
AMG	12.0	20.80	35.63
AMG	15.0	20.80	35.68
AMG	18.0	20.80	35.70
AMG	21.0	20.80	35.70
AMG	24.0	21.00	35.78
AMG	27.0	21.00	35.79
AMG	30.0	21.00	35.80
AMG	33.0	21.00	35.80
AMG	36.0	21.00	35.80
AMG	39.0	21.00	35.80

BLM HYDROGRAPHIC DATA

WINTER TRANSECT 11 STATION 3 DAY DEPTH 131 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
APJ	3.0	23.00	35.80
APJ	6.0	23.00	35.80
APJ	9.0	23.00	35.80
APJ	12.0	23.00	35.80
APJ	15.0	23.00	35.85
APJ	18.0	23.00	35.90
APJ	21.0	23.00	35.90
APJ	24.0	23.00	35.90
APJ	27.0	23.00	35.90
APJ	30.0	23.00	35.90
APJ	33.0	23.00	35.90
APJ	36.0	23.00	35.90
APJ	39.0	23.00	35.90
APJ	42.0	23.00	35.90
APJ	45.0	23.00	35.90
APJ	48.0	23.00	35.90
APJ	51.0	23.00	35.90
APJ	54.0	23.00	35.90
APJ	57.0	23.00	36.00
APJ	60.0	22.80	36.10
APJ	63.0	22.00	36.10
APJ	66.0	21.00	36.10
APJ	69.0	20.20	36.20
APJ	72.0	18.80	36.20
APJ	75.0	18.40	36.20
APJ	78.0	18.20	36.35
APJ	81.0	18.00	36.30
APJ	84.0	17.60	36.30
APJ	87.0	17.40	36.30
APJ	90.0	17.30	36.30
APJ	93.0	17.20	36.25
APJ	96.0	17.00	36.20
APJ	99.0	16.80	36.20
APJ	102.0	16.60	36.00
APJ	105.0	16.40	36.20

BLM HYDROGRAPHIC DATA

WINTER TRANSECT II STATION 3 NIGHT DEPTH 131 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
AON	3.0	23.00	35.75
AON	6.0	23.00	35.75
AON	9.0	23.00	35.75
AON	12.0	23.00	35.75
AON	15.0	23.00	35.75
AON	18.0	23.00	35.75
AON	21.0	23.00	35.75
AON	24.0	23.00	35.75
AON	27.0	23.00	35.75
AON	30.0	23.00	35.75
AON	33.0	23.00	35.75
AON	36.0	23.00	35.75
AON	39.0	23.00	35.75
AON	42.0	23.00	35.75
AON	45.0	23.10	35.80
AON	48.0	23.20	35.85
AON	51.0	23.20	35.90
AON	54.0	23.00	36.05
AON	57.0	22.80	36.20
AON	60.0	22.00	36.20
AON	63.0	21.40	36.20
AON	66.0	20.60	36.30
AON	69.0	20.00	36.25
AON	72.0	19.60	36.30
AON	75.0	19.00	36.30
AON	78.0	18.40	36.25
AON	81.0	18.00	36.20
AON	84.0	17.80	36.30
AON	87.0	17.40	36.30
AON	90.0	17.40	36.30
AON	93.0	17.20	36.30
AON	96.0	16.90	36.20
AON	99.0	16.60	36.10

BLM HYDROGRAPHIC DATA

WINTER TRANSECT III STATION 1 DAY DEPTH 25 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
ASL	.0		32.33
ASM	5.0		31.79
ASN	10.0		31.69
ASO	22.0		32.26

BLM HYDROGRAPHIC DATA

WINTER TRANSECT III STATION 1 NIGHT DEPTH 25 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
ARP	.0		33.33
ARQ	5.0		33.39
ARR	10.0		33.35
ARS	20.0		34.19

BLM HYDROGRAPHIC DATA

WINTER TRANSECT III STATION 2 DAY DEPTH 65 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
AVQ	.0	22.63	36.71
AVR	10.0		36.44
AVS	25.0		36.44
AVT	55.0		36.70

BLM HYDROGRAPHIC DATA

WINTER TRANSECT III STATION 3 DAY DEPTH 106 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
AYM	3.0	21.00	36.00
AYM	6.0	21.00	36.00
AYM	9.0	21.00	36.00
AYM	12.0	21.00	36.00
AYM	15.0	21.00	36.00
AYM	18.0	21.00	36.00
AYM	21.0	21.00	36.00
AYM	24.0	21.00	36.00
AYM	27.0	21.00	36.00
AYM	30.0	21.00	36.00
AYM	33.0	21.00	36.00
AYM	36.0	21.00	36.00
AYM	39.0	21.00	36.00
AYM	42.0	21.00	36.00
AYM	45.0	21.00	36.00
AYM	48.0	21.00	36.00
AYM	51.0	21.00	36.00
AYM	54.0	21.00	36.00
AYM	57.0	21.00	36.00
AYM	60.0	21.00	36.00
AYM	63.0	21.00	36.00
AYM	66.0	21.00	36.00
AYM	69.0	21.00	36.00
AYM	72.0	21.00	36.00
AYM	75.0	21.00	36.00
AYM	78.0	20.90	36.10
AYM	81.0	20.60	36.15
AYM	84.0	20.60	36.20
AYM	87.0	20.50	36.20
AYM	90.0	20.30	36.35
AYM	93.0	20.00	36.30
AYM	96.0	19.40	36.30
AYM	99.0	18.60	36.10

BLM HYDROGRAPHIC DATA

WINTER TRANSECT III STATION 3 NIGHT DEPTH 106 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
AXR	3.0	21.00	36.00
AXR	6.0	21.00	36.00
AXR	9.0	21.00	36.00
AXR	12.0	21.00	36.00
AXR	15.0	21.00	36.00
AXR	18.0	21.00	36.00
AXR	21.0	20.90	36.00
AXR	24.0	20.90	36.05
AXR	27.0	20.90	36.05
AXR	30.0	20.90	36.05
AXR	33.0	20.90	36.05
AXR	36.0	20.90	36.05
AXR	39.0	20.90	36.05
AXR	42.0	20.90	36.05
AXR	45.0	20.90	36.05
AXR	48.0	20.90	36.05
AXR	51.0	20.90	36.05
AXR	54.0	20.90	36.05
AXR	57.0	20.90	36.05
AXR	60.0	20.90	36.05
AXR	63.0	20.90	36.05
AXR	66.0	20.90	36.05
AXR	69.0	20.90	36.05
AXR	72.0	20.90	36.05
AXR	75.0	20.90	36.05
AXR	78.0	20.90	36.05
AXR	81.0	20.90	36.05
AXR	84.0	20.90	36.05
AXR	87.0	20.90	36.05
AXR	90.0	20.80	36.10
AXR	93.0	20.60	36.15
AXR	96.0	20.40	36.20
AXR	99.0	20.20	36.30
AXR	102.0	20.00	36.30

BLM HYDROGRAPHIC DATA

WINTER TRANSECT IV STATION 1 DAY DEPTH 27 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
BBK	3.0	16.10	
BBK	6.0	16.00	30.30
BBK	9.0	16.10	30.90
BBK	12.0	16.20	31.90
BBK	15.0	17.00	32.10
BBK	18.0	17.20	32.50

BLM HYDROGRAPHIC DATA

WINTER TRANSECT III STATION 2 NIGHT DEPTH 65 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
AUU	.0	22.70	36.28
AUV	20.0		36.28
AUW	40.0		36.31
AUX	60.0		36.72

BLM HYDROGRAPHIC DATA

WINTER TRANSECT IV STATION 1 NIGHT DEPTH 27 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
BAP	3.0	16.10	30.15
BAP	6.0	16.10	30.70
BAP	9.0	16.10	31.00
BAP	12.0	16.50	31.20
BAP	15.0	16.50	31.70
BAP	18.0	16.90	31.95
BAP	21.0	17.00	32.10

BLM HYDROGRAPHIC DATA

WINTER TRANSECT IV STATION 2 DAY DEPTH 47 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
BEM	3.0	20.90	35.80
BEM	6.0	20.90	35.80
BEM	9.0	20.90	35.80
BEM	12.0	20.90	35.80
BEM	15.0	20.90	35.80
BEM	18.0	20.90	35.80
BEM	21.0	20.90	35.80
BEM	24.0	20.90	35.80
BEM	27.0	21.00	35.80
BEM	30.0	21.00	35.80
BEM	33.0	21.00	35.80
BEM	36.0	21.00	35.80
BEM	39.0	21.10	35.80
BEM	42.0	21.10	35.85

BLM HYDROGRAPHIC DATA

WINTER TRANSECT IV STATION 2 NIGHT DEPTH 47 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
BDK	3.0	20.80	35.80
BDK	6.0	20.80	35.80
BDK	9.0	20.80	35.80
BDK	12.0	20.80	35.80
BDK	15.0	20.80	35.80
BDK	18.0	20.80	35.80
BDK	21.0	20.80	35.80
BDK	24.0	20.80	35.80
BDK	27.0	20.80	35.80
BDK	30.0	20.80	35.80
BDK	33.0	20.80	35.80
BDK	36.0	20.80	35.80
BDK	39.0	20.80	35.80
BDK	42.0	20.80	35.80

BLM HYDROGRAPHIC DATA

WINTER TRANSECT IV STATION 3 DAY DEPTH 91 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
BPL	3.0	21.00	35.60
BPL	6.0	20.80	35.60
BPL	9.0	20.80	35.60
BPL	12.0	20.80	35.60
BPL	15.0	20.80	35.60
BPL	18.0	20.80	35.60
BPL	21.0	20.80	35.60
BPL	24.0	20.80	35.60
BPL	27.0	20.80	35.60
BPL	30.0	20.80	35.60
BPL	33.0	20.90	35.60
BPL	36.0	21.00	35.80
BPL	39.0	21.00	36.00
BPL	42.0	21.10	36.05
BPL	45.0	21.10	36.05
BPL	48.0	21.10	36.05
BPL	51.0	21.10	36.05
BPL	54.0	21.10	36.05
BPL	57.0	21.10	36.05
BPL	60.0	21.10	36.05
BPL	63.0	21.10	36.05
BPL	66.0	21.10	36.05
BPL	69.0	21.10	36.05
BPL	72.0	21.10	36.05
BPL	75.0	21.10	36.05
BPL	78.0	21.10	36.05
BPL	81.0	21.10	36.05
BPL	84.0	21.10	36.05

BLM HYDROGRAPHIC DATA

WINTER TRANSECT IV STATION 3 NIGHT DEPTH 91 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
BGK	3.0	20.80	35.60
BGK	6.0	20.80	35.60
BGK	9.0	20.80	35.60
BGK	12.0	20.80	35.60
BGK	15.0	20.80	35.60
BGK	18.0	20.80	35.60
BGK	21.0	20.80	35.60
BGK	24.0	20.80	35.60
BGK	27.0	20.80	35.70
BGK	30.0	20.90	35.80
BGK	33.0	20.90	35.80
BGK	36.0	20.90	35.90
BGK	39.0	20.90	35.90
BGK	42.0	20.90	35.90
BGK	45.0	21.00	35.90
BGK	48.0	21.00	35.90
BGK	51.0	21.00	35.90
BGK	54.0	21.00	35.90
BGK	57.0	21.00	35.90
BGK	60.0	21.00	35.90
BGK	63.0	20.90	35.90
BGK	66.0	20.90	35.90
BGK	69.0	20.90	35.90
BGK	72.0	20.90	35.90
BGK	75.0	20.90	35.90
BGK	78.0	20.90	36.00
BGK	81.0	21.00	36.05
BGR	84.0	21.00	36.05

BLM HYDROGRAPHIC DATA

SPRING TRANSECT 1 STATION 1 DAY DEPTH 18 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
CBH	.0	19.00	25.95

BLM HYDROGRAPHIC DATA

SPRING TRANSECT 1 STATION 1 NIGHT DEPTH 18 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
CAM	.0	18.90	25.30
CAL	3.0	18.90	
CAL	6.0	18.90	
CAL	9.0	18.60	
CAL	12.0	18.50	
CAL	15.0	18.60	
CAN	15.0		30.56
CAL	18.0	18.70	

BLM HYDROGRAPHIC DATA

SPRING TRANSECT 1 STATION 2 DAY DEPTH 42 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
CEL	3.0	19.80	35.15
CEL	6.0	19.80	35.15
CEL	9.0	19.70	35.20
CEL	12.0	19.70	35.20
CEL	15.0	19.70	35.25
CEL	18.0	19.70	35.35
CEL	21.0	19.60	35.35
CEL	24.0	19.60	35.40
CEL	27.0	19.60	35.40
CEL	30.0	19.60	35.40
CEL	33.0	19.60	35.50
CEL	36.0	19.60	35.50
CEL	39.0	19.30	35.40
CEL	42.0	19.20	35.40

BLM HYDROGRAPHIC DATA

SPRING TRANSECT I STATION 3 DAY DEPTH 134 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
CHP	3.0	21.30	35.80
CHP	6.0	21.30	35.80
CHP	9.0	21.10	35.80
CHP	12.0	21.10	35.80
CHP	15.0	21.10	35.80
CHP	18.0	21.00	35.85
CHP	21.0	21.00	35.85
CHP	24.0	21.00	35.90
CHP	27.0	20.90	35.95
CHP	30.0	20.80	35.95
CHP	33.0	20.70	36.00
CHP	36.0	20.80	36.10
CHP	39.0	21.30	36.15
CHP	42.0	21.20	36.00
CHP	45.0	21.00	36.10
CHP	48.0	20.90	36.05
CHP	51.0	20.60	36.00
CHP	54.0	20.60	36.00
CHP	57.0	20.80	36.15
CHP	60.0	20.90	36.20
CHP	63.0	20.90	36.20
CHP	66.0	20.80	36.20
CHP	69.0	20.90	36.20
CHP	72.0	20.80	36.20
CHP	75.0	20.80	36.20
CHP	78.0	20.70	36.20
CHP	81.0	20.60	36.20
CHP	84.0	20.40	36.20
CHP	87.0	20.10	36.20
CHP	90.0	20.00	36.20
CHP	93.0	20.00	36.30
CHP	96.0	19.90	36.30
CHP	99.0	19.40	36.30
CHP	102.0	19.00	36.40
CHP	105.0	18.60	36.40
CHP	108.0	18.50	36.45
CHP	111.0	18.30	36.40
CHP	114.0	18.00	36.40
CHP	117.0	17.40	36.30

BLM HYDROGRAPHIC DATA

SPRING TRANSECT 1 STATION 3 NIGHT DEPTH 134 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
CGV	3.0	21.30	35.70
CGV	6.0	21.30	35.70
CGV	9.0	21.30	35.70
CGV	12.0	21.20	35.70
CGV	15.0	21.30	35.80
CGV	18.0	21.30	35.90
CGV	21.0	21.40	36.00
CGV	24.0	21.40	36.00
CGV	27.0	21.20	36.00
CGV	30.0	21.20	36.00
CGV	33.0	21.20	36.05
CGV	36.0	21.20	36.10
CGV	39.0	21.20	36.15
CGV	42.0	21.20	36.15
CGV	45.0	21.20	36.15
CGV	48.0	21.20	36.15
CGV	51.0	21.20	36.10
CGV	54.0	21.00	36.15
CGV	57.0	20.90	36.10
CGV	60.0	20.90	36.10
CGV	63.0	20.90	36.25
CGV	66.0	20.80	36.25
CGV	69.0	20.80	36.25
CGV	72.0	20.80	36.25
CGV	75.0	20.70	36.25
CGV	78.0	20.60	36.25
CGV	81.0	20.50	36.20
CGV	84.0	20.40	36.20
CGV	87.0	20.30	36.25
CGV	90.0	20.20	36.25
CGV	93.0	20.00	36.30
CGV	96.0	20.00	36.30
CGV	99.0	20.00	36.35
CGV	102.0	19.80	36.35
CGV	105.0	19.70	36.35

BLM HYDROGRAPHIC DATA

SPRING TRANSECT II STATION 1 NIGHT DEPTH 22 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
CKC	.0	19.61	25.82
CKB	3.0	19.60	
CKB	6.0	19.60	
CKB	9.0	19.50	
CKB	12.0	19.30	
CKB	15.0	19.30	
CKB	18.0	19.40	
CKB	21.0	19.30	

BLM HYDROGRAPHIC DATA

SPRING TRANSECT I STATION 2 NIGHT DEPTH 42 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
CDP	3.0	19.70	35.05
CDP	6.0	19.70	35.05
CDP	9.0	19.70	35.05
CDP	12.0	19.70	35.10
CDP	15.0	19.60	35.10
CDP	18.0	19.50	35.20
CDP	21.0	19.50	35.20
CDP	24.0	19.50	35.20
CDP	27.0	19.50	35.20
CDP	30.0	19.60	35.40
CDP	33.0	19.70	35.40
CDP	36.0	19.60	35.35
CDP	39.0	19.50	35.35
CDP	42.0	19.50	35.45

BLM HYDROGRAPHIC DATA

SPRING TRANSECT II STATION 1 DAY DEPTH 22 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
CKW	.0	21.00	25.82
CKV	3.0	19.40	
CKV	6.0	19.40	
CKV	9.0	19.40	
CKV	12.0	19.30	31.20
CKV	15.0	19.20	32.30
CKV	18.0	19.20	33.60
CKX	20.0		34.35

BLM HYDROGRAPHIC DATA

SPRING TRANSECT II STATION 2 DAY DEPTH 49 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
CNY	3.0	20.70	
CNY	6.0	20.60	
CNY	9.0	20.60	
CNY	12.0	19.70	33.60
CNY	15.0	19.50	34.30
CNY	18.0	19.50	34.80
CNY	21.0	19.50	34.90
CNY	24.0	19.50	34.95
CNY	27.0	19.50	34.95
CNY	30.0	19.40	35.05
CNY	33.0	19.40	35.15
CNY	36.0	19.40	35.15

BLM HYDROGRAPHIC DATA

SPRING TRANSECT II STATION 3 DAY DEPTH 131 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
CRA	3.0	25.20	35.00
CRA	6.0	25.20	35.05
CRA	9.0	25.20	35.05
CRA	12.0	25.20	35.05
CRA	15.0	25.20	35.10
CRA	18.0	25.00	35.20
CRA	21.0	24.40	36.30
CRA	24.0	24.30	36.40
CRA	27.0	24.00	36.40
CRA	30.0	23.80	36.30
CRA	33.0	23.40	36.30
CRA	36.0	23.10	36.30
CRA	39.0	22.80	36.30
CRA	42.0	22.60	36.30
CRA	45.0	22.50	36.25
CRA	48.0	22.00	36.20
CRA	51.0	21.40	36.00
CRA	54.0	21.40	36.15
CRA	57.0	21.00	36.10
CRA	60.0	20.60	36.00
CRA	63.0	20.60	36.10
CRA	66.0	20.40	36.10
CRA	69.0	20.30	36.10
CRA	72.0	20.20	36.10
CRA	75.0	20.00	36.05
CRA	78.0	20.00	36.05
CRA	81.0	20.00	36.05
CRA	84.0	19.90	36.05
CRA	87.0	19.90	36.10
CRA	90.0	19.80	36.10
CRA	93.0	19.80	36.10
CRA	96.0	19.80	36.15
CRA	99.0	19.80	36.20
CRA	102.0	19.70	36.20
CRA	105.0	19.40	36.20
CRA	108.0	19.20	36.20
CRA	111.0	18.80	36.25
CRA	114.0	18.70	36.30
CRA	117.0	18.50	36.30
CRA	120.0	18.20	36.30
CRA	123.0	18.00	36.30
CRA	126.0	17.80	36.25
CRA	129.0	17.60	36.20

BLM HYDROGRAPHIC DATA

SPRING TRANSECT 11 STATION 3 NIGHT DEPTH 131 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
CWG	3.0	25.20	35.00
CWG	6.0	25.20	35.00
CWG	9.0	25.20	35.00
CWG	12.0	25.10	35.00
CWG	15.0	25.00	35.00
CWG	18.0	24.80	35.10
CWG	21.0	24.60	35.10
CWG	24.0	23.80	35.90
CWG	27.0	23.40	36.25
CWG	30.0	23.20	36.20
CWG	33.0	22.70	36.30
CWG	36.0	22.40	36.20
CWG	39.0	21.90	36.15
CWG	42.0	21.80	36.15
CWG	45.0	21.40	36.10
CWG	48.0	21.20	36.00
CWG	51.0	21.10	36.05
CWG	54.0	21.00	36.10
CWG	57.0	20.80	36.15
CWG	60.0	20.60	36.10
CWG	63.0	20.50	36.05
CWG	66.0	20.40	36.05
CWG	69.0	20.00	36.00
CWG	72.0	19.90	35.90
CWG	75.0	19.80	35.95
CWG	78.0	19.90	35.95
CWG	81.0	19.90	36.05
CWG	84.0	19.90	36.05
CWG	87.0	19.90	36.10
CWG	90.0	19.90	36.10
CWG	93.0	19.80	36.10
CWG	96.0	19.70	36.15
CWG	99.0	19.40	36.10
CWG	102.0	19.20	36.25
CWG	105.0	19.30	36.25
CWG	108.0	19.20	36.25
CWG	111.0	18.80	36.20
CWG	114.0	18.70	36.20
CWG	117.0	17.60	36.20

BLM HYDROGRAPHIC DATA

SPRING TRANSECT III STATION 1 DAY DEPTH 25 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
CUI	3.0	26.20	
CUI	6.0	26.20	
CUI	9.0	24.80	
CUI	12.0	24.50	
CUI	15.0	24.70	31.00
CUI	18.0	25.00	32.00
CUI	21.0	22.70	34.20
CUI	24.0	22.90	34.50
CUI	27.0	22.80	34.50

BLM HYDROGRAPHIC DATA

SPRING TRANSECT II STATION 2 NIGHT DEPTH 49 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
CNE	3.0	20.10	34.40
CNE	6.0	20.10	34.40
CNE	9.0	20.10	34.40
CNE	12.0	20.10	34.40
CNE	15.0	19.80	34.90
CNE	18.0	19.70	35.00
CNE	21.0	19.70	35.20
CNE	24.0	19.70	35.20
CNE	27.0	19.70	35.20
CNE	30.0	19.70	35.30
CNE	33.0	19.60	35.35
CNE	36.0	19.70	35.35
CNE	39.0	19.80	35.40
CNE	42.0	19.60	35.40
CNE	45.0	19.50	35.45
CNE	48.0	19.50	35.45

BLM HYDROGRAPHIC DATA

SPRING TRANSECT III STATION 1 NIGHT DEPTH 25 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
CTO	3.0	25.70	
CTO	6.0	25.60	
CTO	9.0	24.90	
CTO	12.0	24.90	
CTO	15.0	24.00	
CTO	18.0	23.70	
CTO	21.0	23.70	
CTO	24.0	23.00	31.00
CTO	27.0	22.10	32.50

BLM HYDROGRAPHIC DATA

SPRING TRANSECT III STATION 2 DAY DEPTH 65 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
CYI	3.0	25.40	34.50
CYI	6.0	25.40	34.50
CYI	9.0	25.40	34.50
CYI	12.0	25.40	34.55
CYI	15.0	25.40	34.70
CYI	18.0	25.30	34.70
CYI	21.0	25.00	34.80
CYI	24.0	24.70	35.65
CYI	27.0	24.60	35.90
CYI	30.0	24.40	35.90
CYI	33.0	24.20	35.90
CYI	36.0	24.00	35.95
CYI	39.0	23.70	36.00
CYI	42.0	23.40	36.00
CYI	45.0	22.90	36.00
CYI	48.0	21.60	35.90
CYI	51.0	21.40	35.85

BLM HYDROGRAPHIC DATA

SPRING TRANSECT III STATION 2 NIGHT DEPTH 65 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
CAT	3.0	24.90	
CAT	6.0	25.20	32.70
CAT	9.0	25.20	34.30
CAT	12.0	25.20	35.40
CAT	15.0	24.90	35.50
CAT	18.0	24.80	35.50
CAT	21.0	24.20	35.70
CAT	24.0	23.60	35.90
CAT	27.0	23.30	35.90
CAT	30.0	23.20	36.00
CAT	33.0	22.80	36.00
CAT	36.0	22.60	36.00
CAT	39.0	22.60	36.00
CAT	42.0	22.40	36.00
CAT	45.0	22.00	35.90
CAT	48.0	21.60	35.90
CAT	51.0	21.20	35.90
CAT	54.0	21.00	35.80
CAT	57.0	20.70	35.80
CAT	60.0	20.60	35.80
CAT	63.0	20.60	35.80

BLM HYDROGRAPHIC DATA

SPRING TRANSECT III STATION 3 NIGHT DEPTH 106 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
BAO	3.0	24.90	35.05
BAO	6.0	24.90	35.05
BAO	9.0	24.90	35.05
BAO	12.0	24.90	35.05
BAO	15.0	24.90	35.05
BAO	18.0	25.00	35.45
BAO	21.0	24.70	35.80
BAO	24.0	24.70	35.95
BAO	27.0	24.70	35.95
BAO	30.0	24.40	35.95
BAO	33.0	23.80	36.00
BAO	36.0	23.60	36.00
BAO	39.0	23.30	36.00
BAO	42.0	23.00	36.00
BAO	45.0	22.40	36.00
BAO	48.0	21.80	36.00
BAO	51.0	21.40	35.95
BAO	54.0	20.80	35.90
BAO	57.0	20.60	36.00
BAO	60.0	20.50	36.00
BAO	63.0	20.30	36.00
BAO	66.0	20.20	36.00
BAO	69.0	20.20	36.00
BAO	72.0	20.20	36.00
BAO	75.0	20.20	36.00
BAO	78.0	20.10	36.00

BLM HYDROGRAPHIC DATA

SPRING TRANSECT III STATION 3 DAY DEPTH 106 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
DBI	3.0	25.10	34.90
DBI	6.0	25.10	34.90
DBI	9.0	25.10	34.90
DBI	12.0	25.00	34.90
DBI	15.0	24.80	34.90
DBI	18.0	24.00	35.00
DBI	21.0	23.00	35.70
DBI	24.0	22.60	35.80
DBI	27.0	22.40	35.90
DBI	30.0	22.20	35.95
DBI	33.0	22.20	35.95
DBI	36.0	21.80	35.95
DBI	39.0	21.60	35.95
DBI	42.0	21.20	35.95
DBI	45.0	21.00	35.95
DBI	48.0	20.80	35.95
DBI	51.0	20.40	35.95
DBI	54.0	20.20	36.00
DBI	57.0	20.00	36.00
DBI	60.0	19.90	36.00
DBI	63.0	19.80	36.00
DBI	66.0	19.70	36.00
DBI	69.0	19.60	36.00
DBI	72.0	19.60	36.00
DBI	75.0	19.60	36.00
DBI	78.0	19.60	36.10
DBI	81.0	19.60	36.10
DBI	84.0	19.60	36.10
DBI	87.0	19.60	36.10
DBI	90.0	19.50	36.20
DBI	93.0	19.40	36.20
DBI	96.0	19.40	36.25

BLM HYDROGRAPHIC DATA

SPRING TRANSECT IV STATION 1 NIGHT DEPTH 27 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
DDN	3.0	23.70	
DDN	6.0	23.70	
DDN	9.0	23.60	
DDN	12.0	22.30	
DDN	15.0	20.40	
DDN	18.0	20.30	30.75
DDN	21.0	20.20	31.15
DDN	24.0	20.20	31.80
DDN	27.0	20.20	31.95

BLM HYDROGRAPHIC DATA

SPRING TRANSECT IV STATION 1 DAY DEPTH 27 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
DEG	3.0	24.20	
DEG	6.0	23.60	
DEG	9.0	20.80	
DEG	12.0	20.40	30.55
DEG	15.0	20.30	31.85
DEG	18.0	20.20	32.70
DEG	21.0	20.10	32.95
DEG	24.0	20.00	33.00

BLM HYDROGRAPHIC DATA

SPRING TRANSECT IV STATION 2 NIGHT DEPTH 47 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
DGN	3.0	23.40	
DGN	6.0	23.40	
DGN	9.0	23.00	
DGN	12.0	21.40	32.20
DGN	15.0	20.10	35.00
DGN	18.0	20.50	35.10
DGN	21.0	20.50	35.20
DGN	24.0	20.10	35.30
DGN	27.0	20.10	35.35
DGN	30.0	20.00	35.30
DGN	33.0	20.10	35.35
DGN	36.0	20.20	35.45
DGN	39.0	20.40	35.50
DGN	42.0	20.40	35.55
DGN	45.0	20.40	35.60

BLM HYDROGRAPHIC DATA

SPRING TRANSECT IV STATION 2 DAY DEPTH 47 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
DHF	3.0	23.50	34.70
DHF	6.0	20.70	34.70
DHF	9.0	19.90	35.10
DHF	12.0	20.00	35.40
DHF	15.0	20.30	35.45
DHF	18.0	20.40	35.50
DHF	21.0	20.40	35.60
DHF	24.0	20.80	35.70
DHF	27.0	20.90	35.80
DHF	30.0	21.00	35.80
DHF	33.0	21.00	35.80
DHF	36.0	21.00	35.80
DHF	39.0	21.00	35.80
DHF	42.0	21.00	35.80

OLM HYDROGRAPHIC DATA

SPRING TRANSECT IV STATION 3 DAY DEPTH 91 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
OKK	3.0	24.00	32.00
OKK	6.0	23.30	32.05
OKK	9.0	23.20	32.85
OKK	12.0	22.80	35.00
OKK	15.0	22.60	35.90
OKK	18.0	22.50	35.90
OKK	21.0	22.40	35.90
OKK	24.0	22.40	35.90
OKK	27.0	22.20	35.90
OKK	30.0	21.90	35.80
OKK	33.0	21.70	35.80
OKK	36.0	21.20	35.50
OKK	39.0	20.60	35.80
OKK	42.0	20.40	35.90
OKK	45.0	20.30	35.90
OKK	48.0	20.00	35.80
OKK	51.0	19.90	35.80
OKK	54.0	19.80	35.80
OKK	57.0	19.80	35.80
OKK	60.0	19.70	35.80
OKK	63.0	19.70	35.95
OKK	66.0	19.70	35.95
OKK	69.0	19.70	35.95
OKK	72.0	19.70	35.95
OKK	75.0	19.70	35.95
OKK	78.0	19.70	35.95
OKK	81.0	19.70	35.95

BLM HYDROGRAPHIC DATA

SPRING TRANSECT IV STATION 3 NIGHT DEPTH 91 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
DJW	3.0	23.60	
DJW	6.0	23.20	31.70
DJW	9.0	22.70	35.90
DJW	12.0	23.00	35.90
DJW	15.0	23.00	35.80
DJW	18.0	22.20	35.40
DJW	21.0	21.60	35.60
DJW	24.0	21.00	35.30
DJW	27.0	21.00	35.80
DJW	30.0	21.00	35.80
DJW	33.0	20.90	35.70
DJW	36.0	20.00	35.80
DJW	39.0	19.90	35.90
DJW	42.0	19.90	35.90
DJW	45.0	19.90	35.90
DJW	48.0	19.90	35.90
DJW	51.0	19.90	35.90
DJW	54.0	19.90	35.90
DJW	57.0	19.90	35.90
DJW	60.0	19.90	35.90
DJW	63.0	19.90	35.90
DJW	66.0	19.90	35.90
DJW	69.0	19.90	35.90
DJW	72.0	19.90	35.90
DJW	75.0	19.90	35.90
DJW	78.0	19.90	35.90
DJW	81.0	19.90	35.90
DJW	84.0	19.90	35.90
DJW	87.0	19.90	35.90

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT 1 STATION 1 DAY DEPTH 18 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
EBG	.0	29.70	30.59
EBG	3.0	29.70	30.59
EBG	5.0	29.80	30.62
EBG	7.2	29.70	30.59
EBG	9.4	29.70	30.49
EBG	11.3	29.70	30.59
EBG	13.0	29.70	30.49
EBG	14.7	29.70	30.49
EBG	16.4	29.80	30.43
EBG	17.5	29.70	30.49

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT 1 STATION 1 NIGHT DEPTH 18 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
EAL	.0	29.80	28.73
EAL	2.7	29.70	29.54
EAL	4.3	29.80	29.39
EAL	6.0	29.80	29.67
EAL	8.0	29.80	29.67
EAL	10.1	29.80	29.67
EAL	12.0	29.80	29.67
EAL	14.0	29.80	29.67
EAL	16.0	29.80	30.23
EAL	17.5	29.70	29.49

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT I STATION 2 DAY DEPTH 42 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
EEL	.0	26.90	34.55
EEL	3.0	26.80	34.55
EEL	6.0	27.20	35.25
EEL	9.0	27.20	35.37
EEL	12.0	27.20	35.38
EEL	15.0	27.15	35.35
EEL	18.0	27.20	35.60
EEL	21.0	27.30	35.68
EEL	24.0	27.35	35.71
EEL	27.0	27.40	35.75
EEL	30.0	27.35	35.76
EEL	33.0	27.35	35.79
EEL	36.0	27.35	35.79
EEL	39.0	27.35	35.80

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT I STATION 2 NIGHT DEPTH 42 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
EDP	.0	27.40	35.81
EDP	3.0	27.40	35.81
EDP	6.0	27.40	35.81
EDP	9.0	27.40	35.80
EDP	12.0	27.40	35.80
EDP	15.0	27.40	35.80
EDP	18.0	27.40	35.80
EDP	21.0	27.40	35.80
EDP	24.0	27.40	35.80
EDP	27.0	27.40	35.81
EDP	30.0	27.40	35.82
EDP	33.0	27.40	35.82
EDP	36.0	27.40	35.82
EDP	39.0	27.40	35.82

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT 1 STATION 3 DAY DEPTH 134 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
EHP	.0	27.35	36.00
EHP	6.0	27.35	36.00
EHP	12.0	27.35	36.00
EHP	18.0	27.35	36.00
EHP	24.0	27.35	36.00
EHP	30.0	27.32	36.00
EHP	33.0	27.15	36.02
EHP	36.0	26.90	36.07
EHP	39.0	26.12	36.20
EHP	42.0	25.80	36.39
EHP	45.0	25.15	36.39
EHP	48.0	24.30	36.35
EHP	54.0	24.02	36.31
EHP	60.0	23.80	36.33
EHP	66.0	23.52	36.37
EHP	72.0	23.33	36.37
EHP	78.0	23.02	36.37
EHP	84.0	22.75	36.34
EHP	90.0	22.30	36.35
EHP	96.0	22.05	36.31
EHP	102.0	21.65	36.30
EHP	108.0	21.32	36.31
EHP	114.0	20.90	36.35
EHP	120.0	20.00	36.41
EHP	126.0	18.80	36.42

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT 1 STATION 3 NIGHT DEPTH 134 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
EGU	.0	27.30	36.10
EGU	3.0	27.40	36.10
EGU	9.0	27.40	36.10
EGU	18.0	27.40	36.10
EGU	24.0	27.40	36.11
EGU	30.0	27.42	36.11
EGU	36.0	27.45	36.13
EGU	42.0	27.45	36.14
EGU	48.0	27.55	36.26
EGU	51.0	27.55	36.30
EGU	54.0	27.20	36.32
EGU	57.0	24.60	36.35
EGU	60.0	24.00	36.35
EGU	66.0	23.80	36.34
EGU	72.0	23.15	36.35
EGU	78.0	22.80	36.35
EGU	84.0	22.55	36.33
EGU	90.0	22.30	36.33
EGU	96.0	22.00	36.32
EGU	102.0	21.80	36.31
EGU	108.0	21.25	36.32
EGU	114.0	20.80	36.36
EGU	120.0	20.40	36.38
EGU	126.0	20.20	36.41

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT II STATION 1 DAY DEPTH 22 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
EKV	.0	29.70	33.65
EKV	2.0	29.60	34.55
EKV	4.0	29.50	35.30
EKV	6.0	29.20	35.35
EKV	8.0	29.00	35.38
EKV	10.0	29.00	35.43
EKV	12.0	29.00	35.49
EKV	14.0	29.00	35.50
EKV	16.0	28.80	35.52
EKV	18.0	28.80	35.60
EKV	19.0	28.80	35.61

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT II STATION 1 NIGHT DEPTH 22 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
EKB	.0	29.35	34.86
EKB	2.0	29.35	34.86
EKB	4.0	29.35	34.86
EKB	6.0	29.10	34.97
EKB	8.0	29.00	35.25
EKB	10.0	28.80	35.22
EKB	12.0	26.72	35.30
EKB	14.0	28.60	35.39
EKB	16.0	28.52	35.40
EKB	18.0	28.52	35.40
EKB	20.0	28.52	35.43

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT II STATION 2 DAY DEPTH 49 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
ENZ	.0	28.79	35.72
ENZ	3.0	28.75	35.74
ENZ	6.0	28.60	35.91
ENZ	9.0	28.55	35.92
ENZ	12.0	28.55	35.92
ENZ	15.0	28.55	35.92
ENZ	18.0	28.50	35.92
ENZ	21.0	28.48	35.93
ENZ	24.0	28.42	35.95
ENZ	27.0	28.40	35.96
ENZ	30.0	28.38	35.98
ENZ	33.0	28.30	36.00
ENZ	36.0	27.90	36.10
ENZ	39.0	27.00	36.11
ENZ	42.0	25.60	36.13
ENZ	45.0	25.35	36.14

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT II STATION 2 NIGHT DEPTH 49 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
ENF	.0	28.60	35.81
ENF	3.0	28.60	35.81
ENF	6.0	28.60	35.82
ENF	9.0	28.60	35.90
ENF	12.0	28.60	35.92
ENF	15.0	28.59	35.93
ENF	18.0	28.57	35.93
ENF	21.0	28.47	35.94
ENF	24.0	28.38	35.99
ENF	27.0	28.34	36.00
ENF	30.0	28.22	36.03
ENF	33.0	28.10	36.05
ENF	36.0	27.60	35.08
ENF	39.0	26.20	35.09
ENF	42.0	25.59	35.10
ENF	45.0	25.55	35.11
ENF	48.0	25.50	35.13

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT 11 STATION 3 DAY DEPTH 131 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
ERA	.0	28.75	35.80
ERA	6.0	28.68	35.80
ERA	12.0	28.60	35.80
ERA	18.0	28.60	35.80
ERA	24.0	28.60	35.81
ERA	30.0	28.52	35.95
ERA	36.0	26.90	36.25
ERA	42.0	25.75	36.30
ERA	48.0	24.88	36.35
ERA	54.0	23.98	36.36
ERA	60.0	23.40	36.32
ERA	66.0	23.02	36.35
ERA	72.0	22.70	36.35
ERA	78.0	22.08	36.31
ERA	84.0	21.70	36.31
ERA	90.0	21.15	36.35
ERA	96.0	20.85	36.38
ERA	102.0	20.55	36.38
ERA	108.0	20.18	36.40
ERA	114.0	19.85	36.42
ERA	120.0	19.68	36.43

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT II STATION 3 NIGHT DEPTH 131 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
EWG	.0	28.80	35.86
EWG	6.0	28.79	35.86
EWG	12.0	28.80	35.89
EWG	18.0	28.79	35.91
EWG	24.0	28.72	35.92
EWG	30.0	28.39	35.99
EWG	36.0	27.40	36.30
EWG	42.0	26.00	36.29
EWG	48.0	24.65	36.35
EWG	54.0	23.40	36.35
EWG	60.0	23.00	36.35
EWG	66.0	22.48	36.35
EWG	72.0	22.00	36.33
EWG	78.0	21.80	36.33
EWG	84.0	21.60	36.33
EWG	90.0	21.17	36.35
EWG	96.0	21.02	36.40
EWG	102.0	20.53	36.45
EWG	108.0	20.12	36.44

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT III STATION 1 DAY DEPTH 25 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
EUI	.0	29.15	
EUI	2.0	29.10	
EUI	4.0	29.10	31.50
EUI	6.0	29.10	33.80
EUI	8.0	28.85	34.45
EUI	10.0	28.80	34.65
EUI	12.0	28.70	35.20
EUI	14.0	28.68	35.30
EUI	16.0	28.65	35.33
EUI	18.0	28.60	35.35
EUI	20.0	28.50	35.40
EUI	22.0	28.50	35.64

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT III STATION 1 NIGHT DEPTH 25 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
ETO	.0	29.10	
ETO	2.0	29.10	
ETO	4.0	29.00	
ETO	6.0	28.90	32.75
ETO	8.0	28.85	33.55
ETO	10.0	28.85	33.95
ETO	12.0	28.85	34.08
ETO	14.0	28.82	34.40
ETO	16.0	28.80	34.63
ETO	18.0	28.70	35.00
ETO	20.0	28.65	35.44

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT III STATION 2 DAY DEPTH 65 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
EYI	.0	28.50	35.85
EYI	3.0	28.50	35.85
EYI	6.0	28.55	35.86
EYI	9.0	28.59	35.89
EYI	12.0	28.60	35.93
EYI	15.0	28.60	35.94
EYI	18.0	28.60	35.94
EYI	21.0	28.60	35.95
EYI	24.0	28.60	35.96
EYI	27.0	28.60	35.98
EYI	30.0	28.00	36.15
EYI	33.0	27.30	36.25
EYI	36.0	26.75	36.31
EYI	39.0	26.00	36.32
EYI	42.0	25.70	36.28
EYI	45.0	25.05	36.25
EYI	48.0	24.80	36.28
EYI	51.0	24.30	36.23
EYI	54.0	24.22	36.24

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT III STATION 2 NIGHT DEPTH 65 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
EXP	.0	26.12	35.90
EXP	6.0	26.12	35.90
EXP	12.0	26.15	35.90
EXP	18.0	26.18	36.03
EXP	24.0	26.00	36.04
EXP	30.0	26.00	36.04
EXP	33.0	27.85	36.14
EXP	36.0	27.22	36.20
EXP	39.0	26.60	36.30
EXP	42.0	25.85	36.35
EXP	45.0	25.45	36.37
EXP	48.0	25.15	36.35
EXP	51.0	24.53	36.21
EXP	54.0	24.25	36.33
EXP	57.0	24.10	36.36

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT III STATION 3 DAY DEPTH 106 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
FBI	.0	28.60	36.00
FBI	6.0	28.60	36.00
FBI	12.0	28.60	36.00
FBI	18.0	28.60	36.00
FBI	24.0	28.59	36.00
FBI	30.0	28.48	36.06
FBI	36.0	28.25	36.11
FBI	42.0	27.05	36.11
FBI	48.0	25.60	36.30
FBI	54.0	24.85	36.35
FBI	60.0	24.05	36.35
FBI	66.0	23.50	36.35
FBI	72.0	22.60	36.31
FBI	78.0	22.10	36.31
FBI	84.0	21.75	36.34
FBI	90.0	21.50	36.35
FBI	96.0	20.95	36.36
FBI	102.0	20.55	36.40

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT III STATION 3 NIGHT DEPTH 106 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
FAU	.0	28.10	35.90
FAU	6.0	28.07	35.90
FAU	12.0	28.07	35.92
FAU	18.0	28.07	35.94
FAU	24.0	28.07	35.99
FAU	30.0	27.85	36.05
FAU	36.0	27.25	36.13
FAU	42.0	25.35	36.13
FAU	48.0	24.50	36.31
FAU	54.0	23.70	36.25
FAU	60.0	23.03	36.10
FAU	66.0	22.95	36.15
FAU	72.0	22.85	36.19
FAU	78.0	22.50	36.19
FAU	84.0	22.03	36.25
FAU	90.0	21.65	36.29

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT IV STATION 1 DAY DEPTH 27 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
FEU	.0	28.98	
FEU	3.0	26.98	
FEU	6.0	29.00	
FEU	9.0	28.82	34.54
FEU	12.0	28.82	34.60
FEU	15.0	28.90	35.05
FEU	18.0	28.90	35.18
FEU	21.0	28.95	35.24

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT IV STATION 1 NIGHT DEPTH 27 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
FDU	.0	28.65	
FDU	3.0	28.65	
FDU	6.0	28.80	32.00
FDU	9.0	28.85	34.55
FDU	12.0	28.85	34.72
FDU	15.0	28.90	34.90
FDU	18.0	28.88	35.06
FDU	21.0	28.90	35.18
FDU	23.0	28.80	35.30

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT IV STATION 2 DAY DEPTH 47 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
FHP	.0	29.05	33.65
FHP	3.0	29.15	34.70
FHP	6.0	28.70	35.55
FHP	9.0	28.58	35.70
FHP	12.0	28.50	35.83
FHP	15.0	28.48	35.85
FHP	18.0	28.48	35.86
FHP	21.0	28.45	35.89
FHP	24.0	28.45	35.90
FHP	27.0	28.41	35.91
FHP	30.0	28.40	35.92
FHP	33.0	28.20	35.96
FHP	36.0	28.00	35.99
FHP	39.0	27.91	36.00
FHP	42.0	27.80	36.00
FHP	44.0	27.10	36.00

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT IV STATION 2 NIGHT DEPTH 47 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
FGV	.0	28.53	35.72
FGV	3.0	28.53	35.72
FGV	6.0	28.53	35.72
FGV	9.0	28.50	35.74
FGV	12.0	28.48	35.80
FGV	15.0	26.45	35.80
FGV	18.0	28.41	35.84
FGV	21.0	28.40	35.83
FGV	24.0	28.30	35.87
FGV	27.0	28.20	35.91
FGV	30.0	28.12	35.96
FGV	33.0	26.10	35.99
FGV	36.0	28.00	36.00
FGV	39.0	27.85	36.01
FGV	42.0	27.40	36.04

OLM HYDROGRAPHIC DATA

SUMMER TRANSECT IV STATION 3 DAY DEPTH 91 M.

SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
FKU	.0	28.53	35.79
FKU	6.0	28.53	35.80
FKU	12.0	28.50	35.81
FKU	18.0	28.25	35.81
FKU	24.0	28.20	35.83
FKU	30.0	28.20	35.85
FKU	36.0	28.19	35.89
FKU	39.0	28.10	35.89
FKU	42.0	28.08	35.92
FKU	45.0	28.19	36.00
FKU	48.0	28.30	36.25
FKU	51.0	28.20	36.18
FKU	54.0	28.04	36.19
FKU	57.0	27.80	36.11
FKU	60.0	27.50	36.10
FKU	63.0	27.30	36.12
FKU	66.0	27.21	36.14
FKU	69.0	27.18	36.15
FKU	72.0	26.97	36.15
FKU	75.0	26.55	36.15
FKU	78.0	25.35	36.17
FKU	81.0	24.70	36.25
FKU	84.0	23.45	36.28
FKU	87.0	23.33	36.35

BLM HYDROGRAPHIC DATA

SUMMER TRANSECT IV STATION 3 NIGHT DEPTH 91 M.

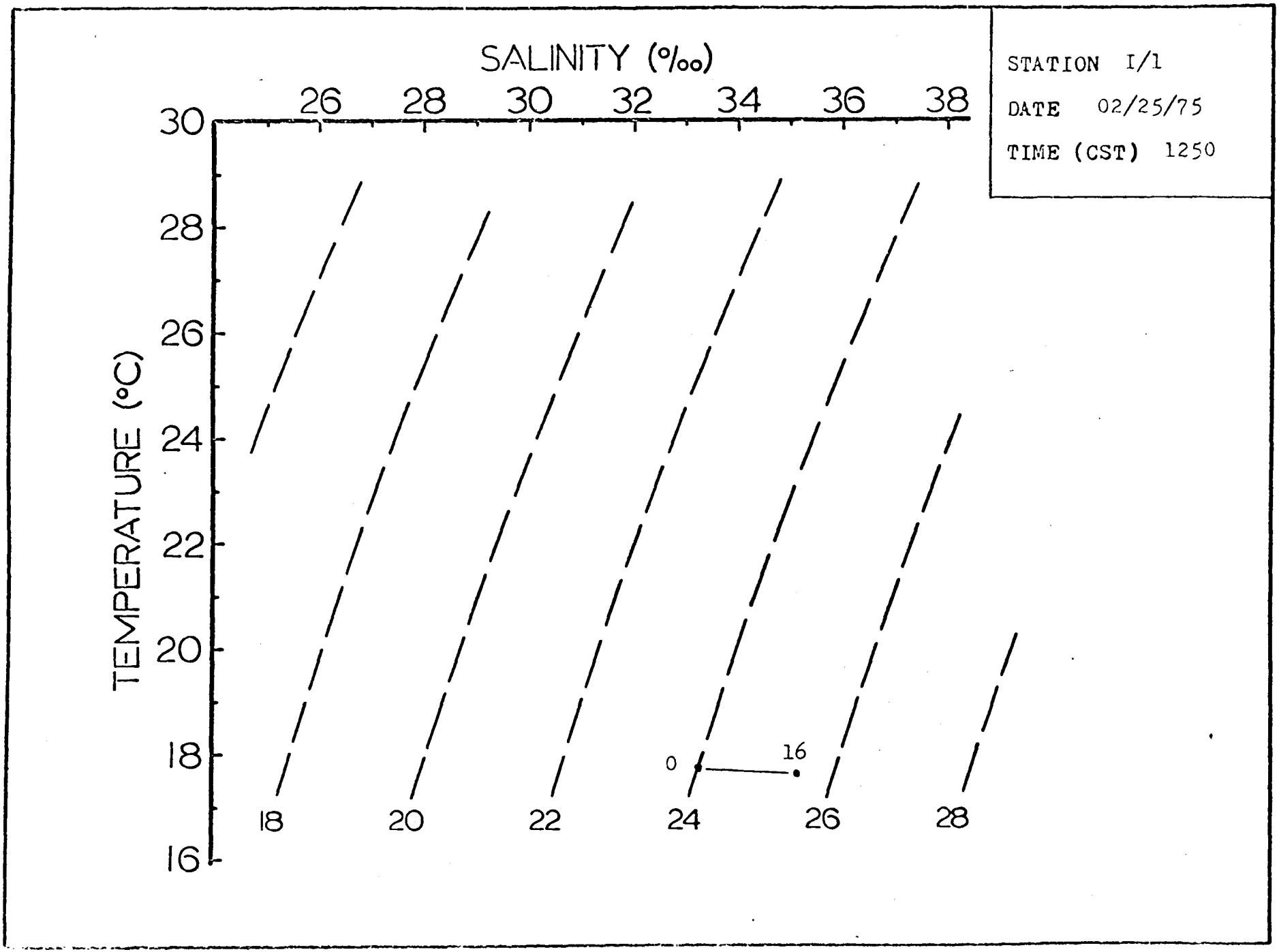
SAMPLE CODE	SAMPLE DEPTH (M.)	TEMPERATURE (C.)	SALINITY (PPT)
FKA	.0	28.30	35.89
FKA	6.0	28.30	35.89
FKA	12.0	28.08	35.99
FKA	18.0	28.15	36.01
FKA	24.0	28.21	36.09
FKA	30.0	28.32	36.11
FKA	36.0	28.35	36.13
FKA	39.0	28.32	36.11
FKA	42.0	28.20	36.08
FKA	45.0	28.03	36.10
FKA	48.0	27.95	36.16
FKA	51.0	27.70	36.10
FKA	54.0	27.55	36.13
FKA	57.0	27.45	36.14
FKA	60.0	27.41	36.15
FKA	63.0	27.40	36.16
FKA	66.0	27.20	36.15
FKA	69.0	26.75	36.15
FKA	72.0	25.95	36.15
FKA	75.0	24.25	36.29
FKA	77.0	24.45	36.25

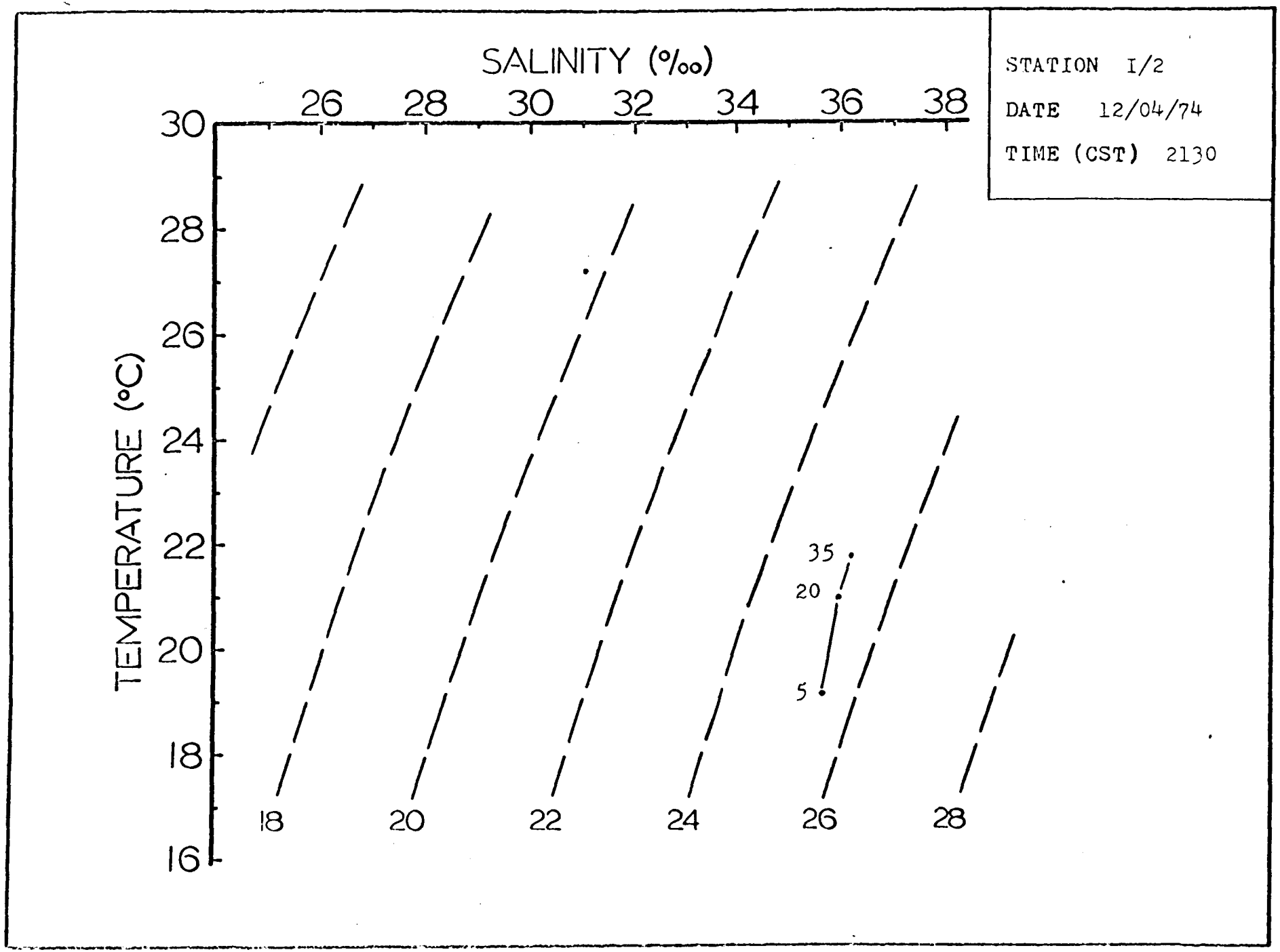
APPENDIX II

SIGMA-T DIAGRAMS FOR 1975

STOCS HYDROGRAPHIC DATA

Sigma-t defined by $\sigma_t = (\rho-1) \times 10^3$, where ρ is the density of the water. Both ρ & σ_t in $gm./cm^3$. Water depths in the body of the diagrams are in meters.


SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
18
20
22
24
26
28
0
16
STATION I/1
DATE 02/25/75
TIME (CST) 1250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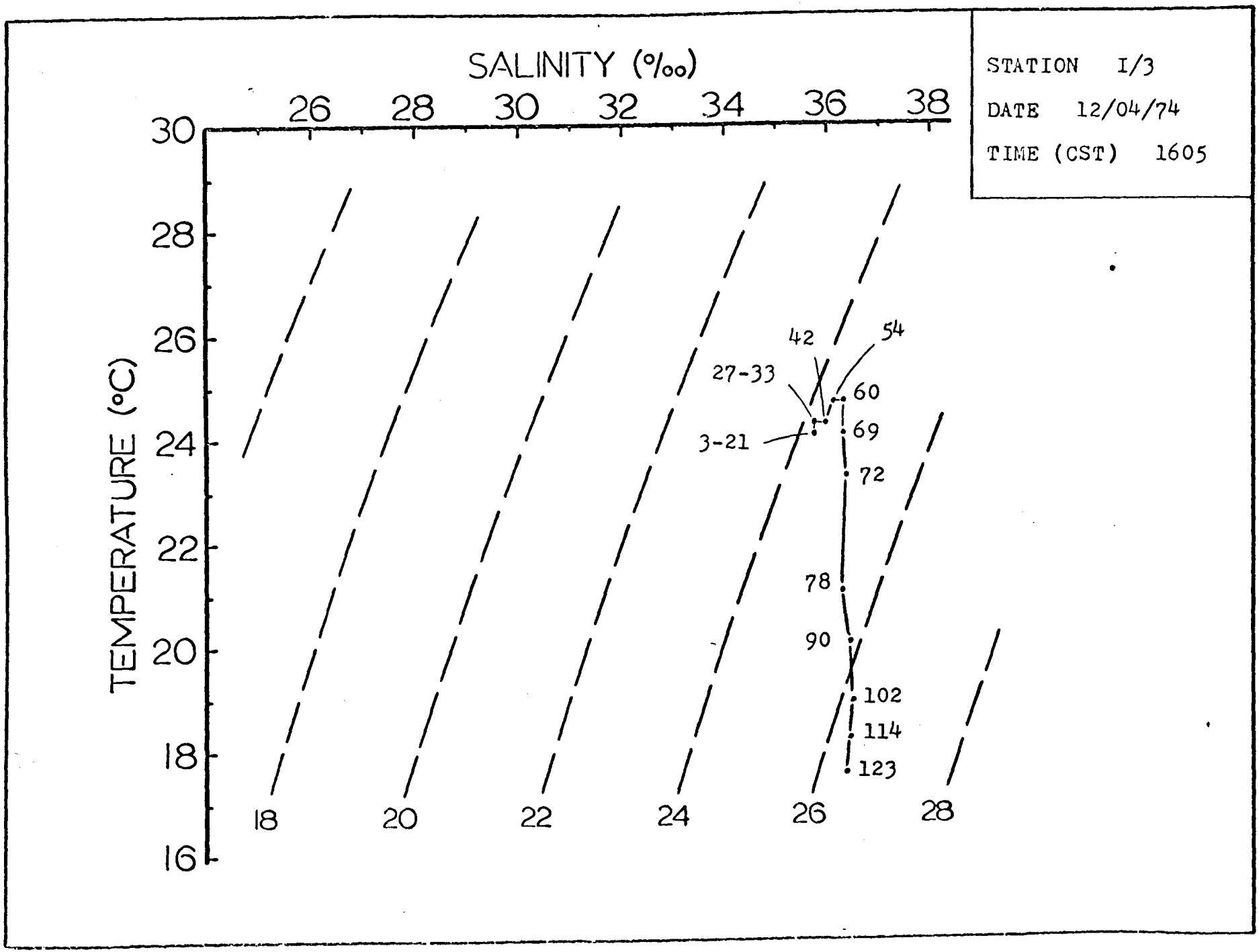
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
18
20
22
24
26
28
35
20
5
STATION I/2
DATE 12/04/74
TIME (CST) 2130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DATE 12/04/74
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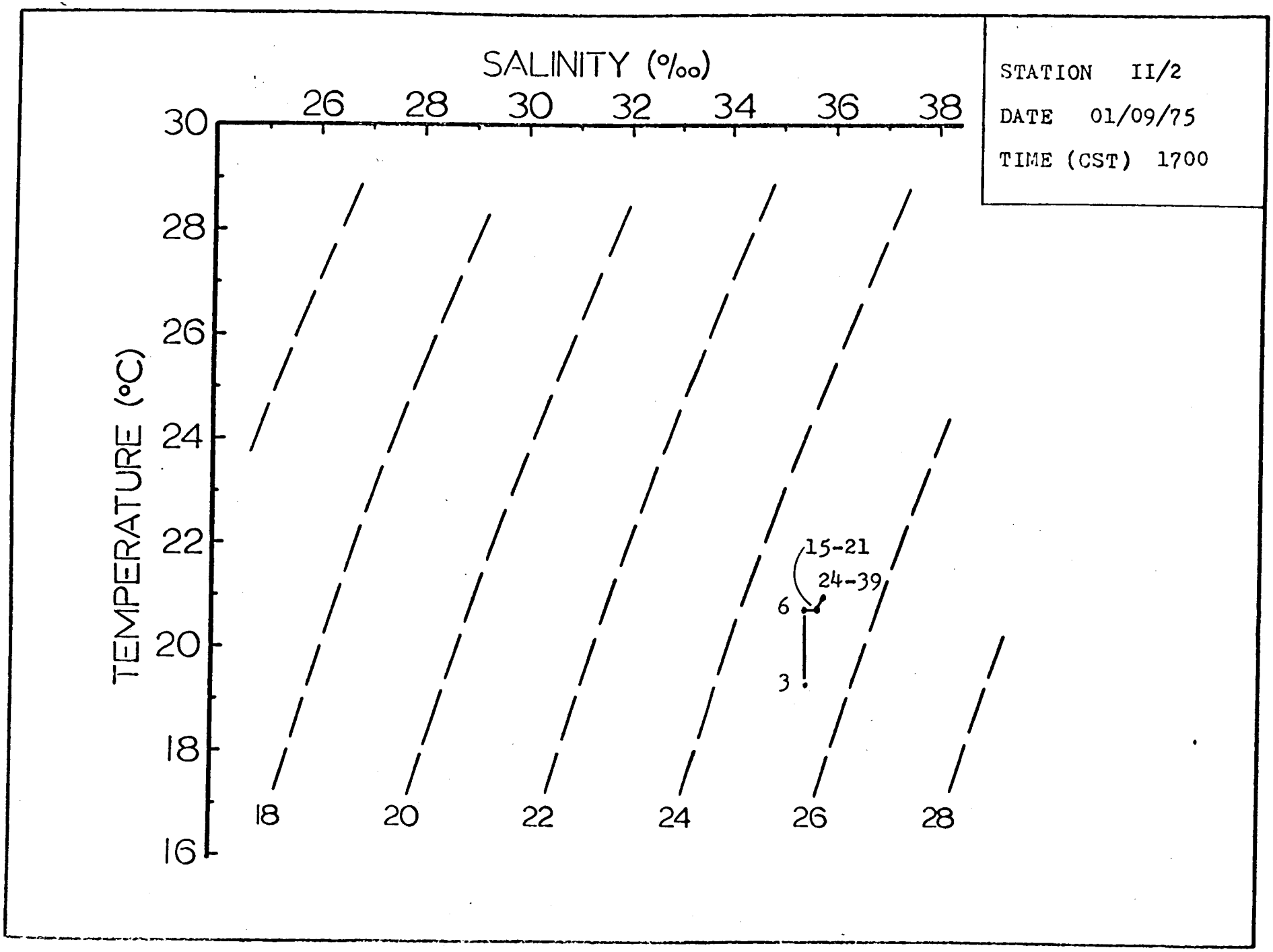
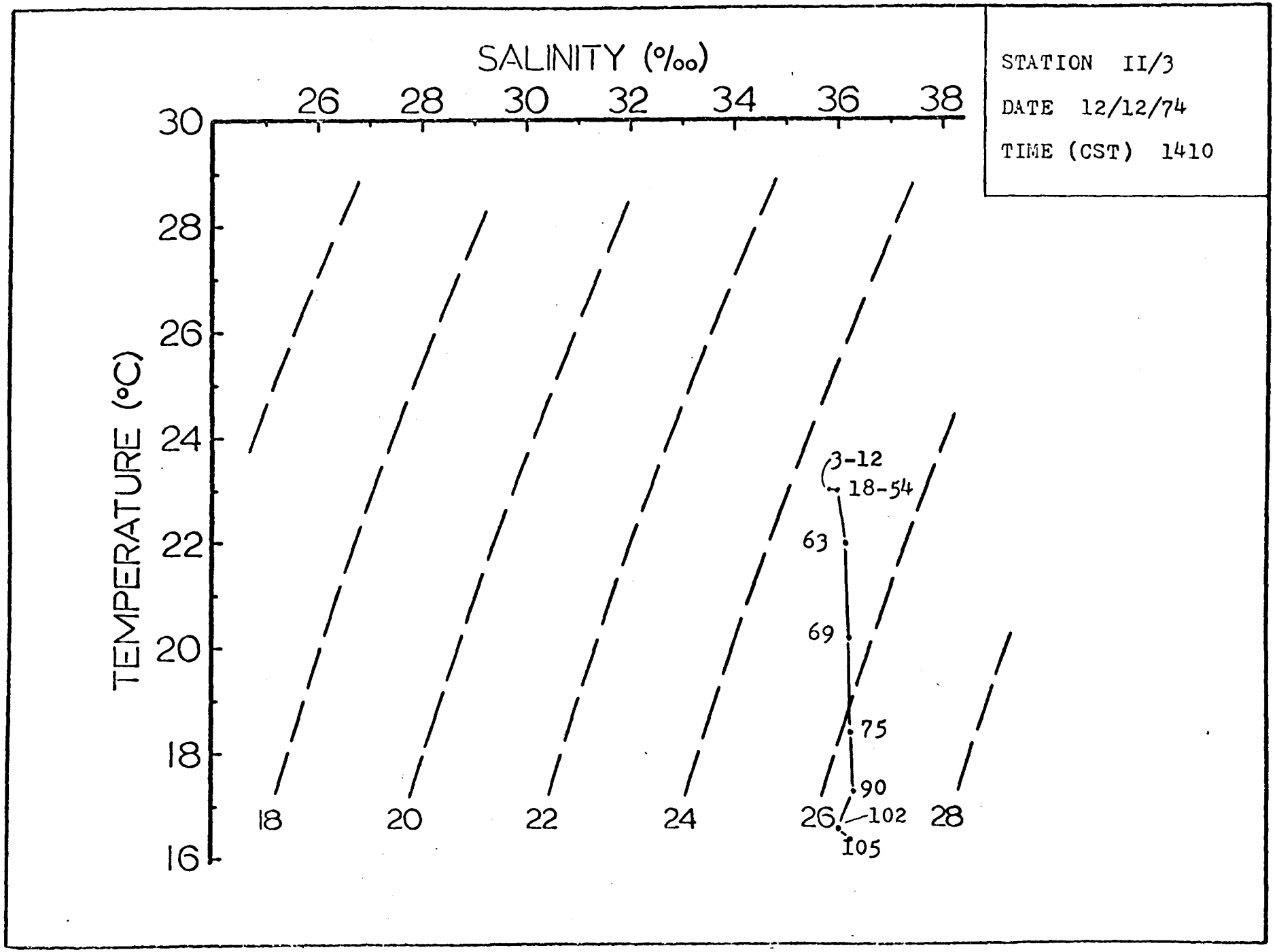
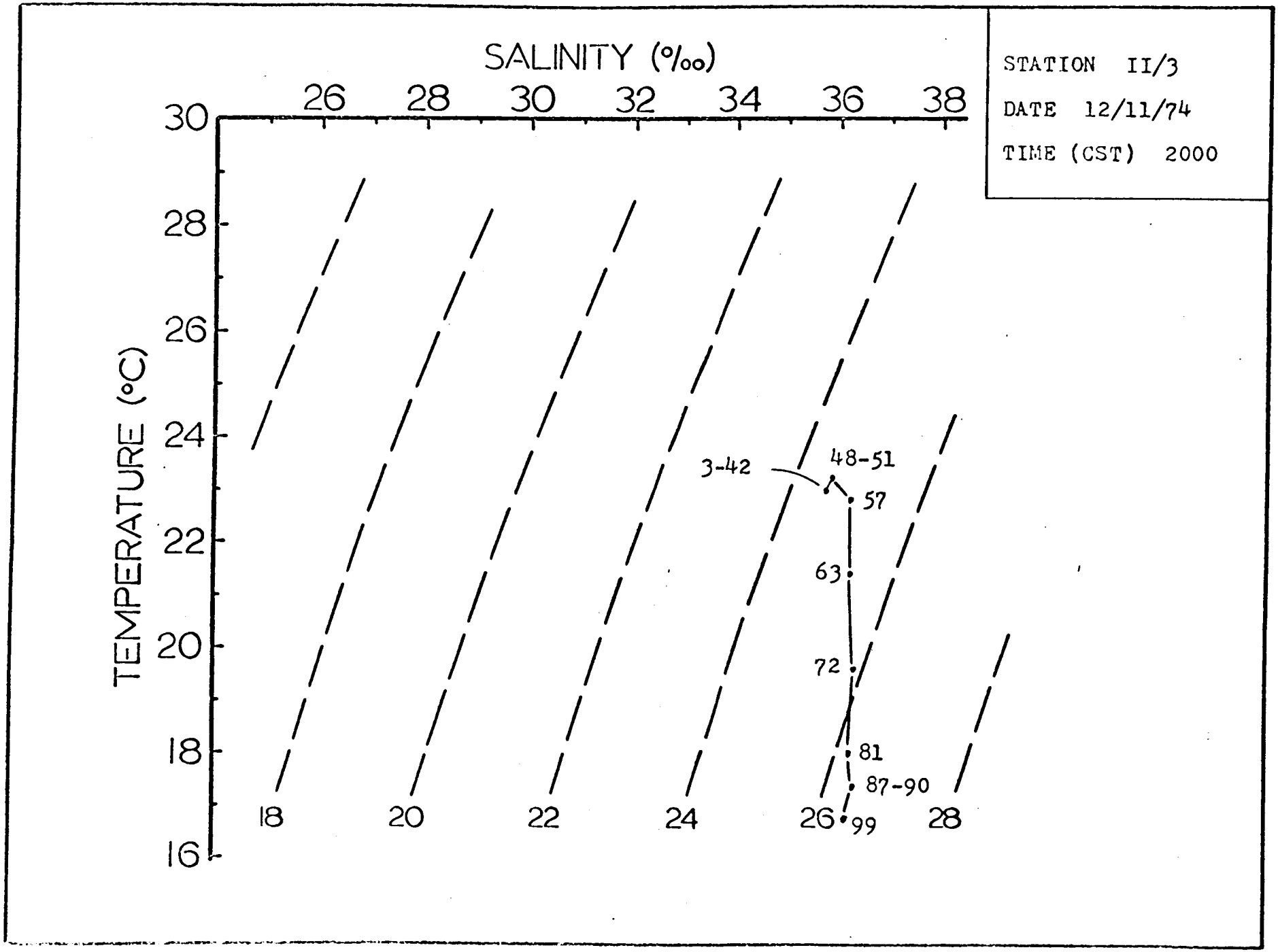
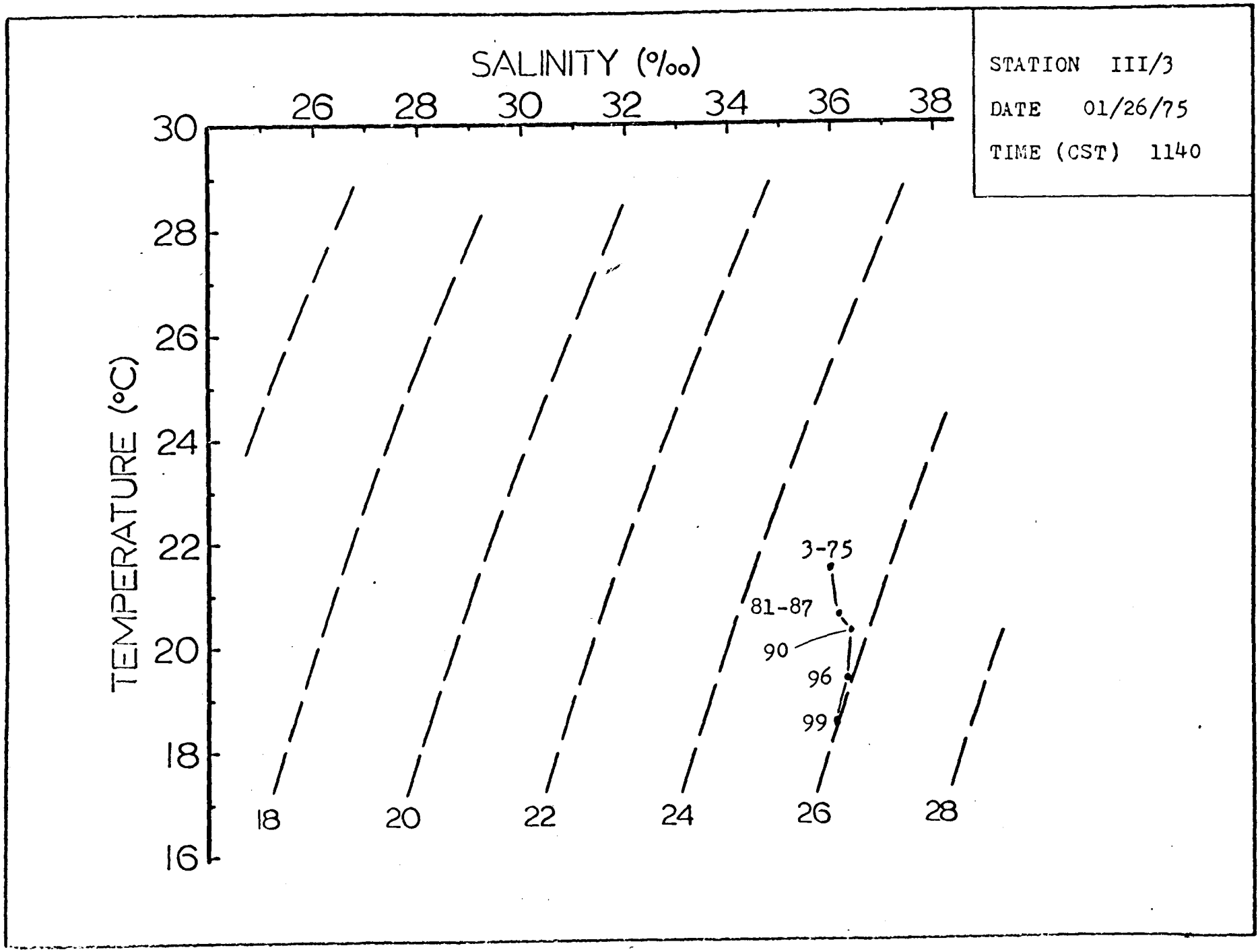
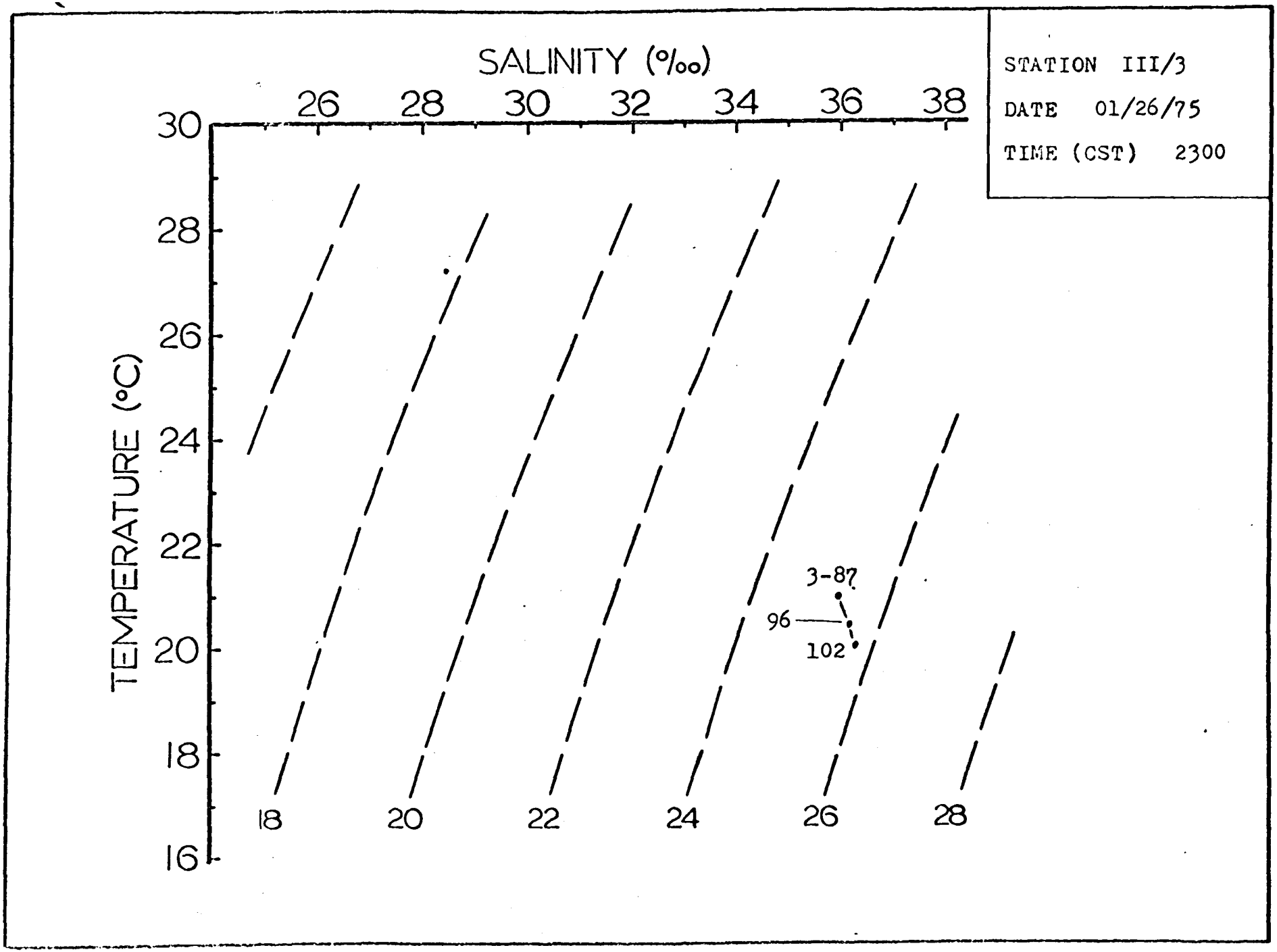
SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
18
20
22
24
26
28
42
54
27-33
60
3-21
69
72
78
90
102
114
123


SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
18
20
22
24
26
28
15-21
24-39
6
3
STATION II/2
DATE 01/09/75
TIME (CST) 1700


SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
18
20
22
24
26
28
3-12
18-54
63
69
75
90
102
105
STATION II/3
DATE 12/12/74
TIME (CST) 1410


SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
18
20
22
24
26
28
3-42
48-51
57
63
72
81
87-90
99
STATION II/3
DATE 12/11/74
TIME (CST) 2000


STATION III/3
DATE 01/26/75
TIME (CST) 1140
SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
18
20
22
24
26
28
3-75
81-87
90
96
99


SALINITY (‰)
26
28
30
32
34
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TEMPERATURE (°C)
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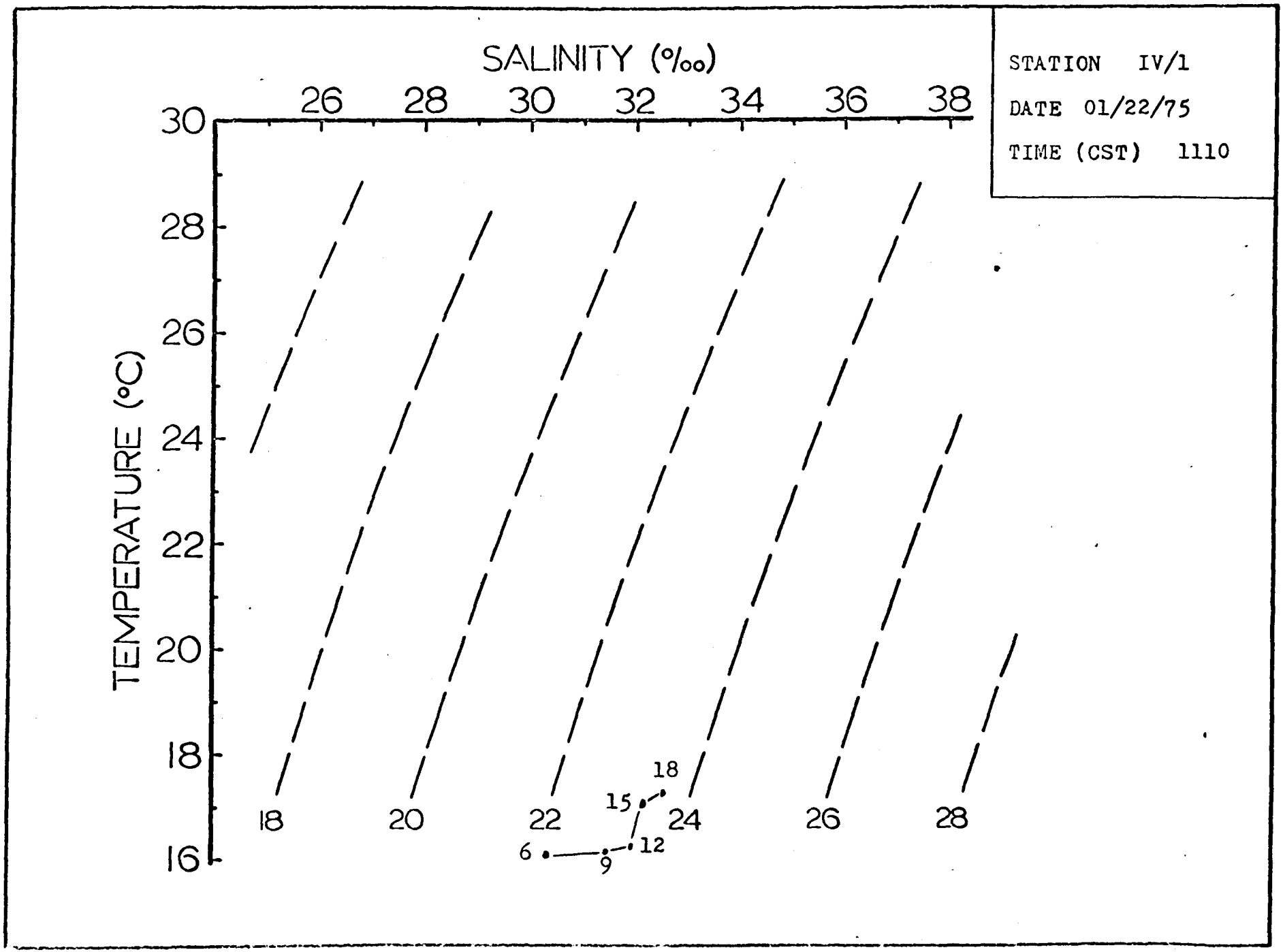
STATION III/3
DATE 01/26/75
TIME (CST) 2300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TEMPERATURE (°C)
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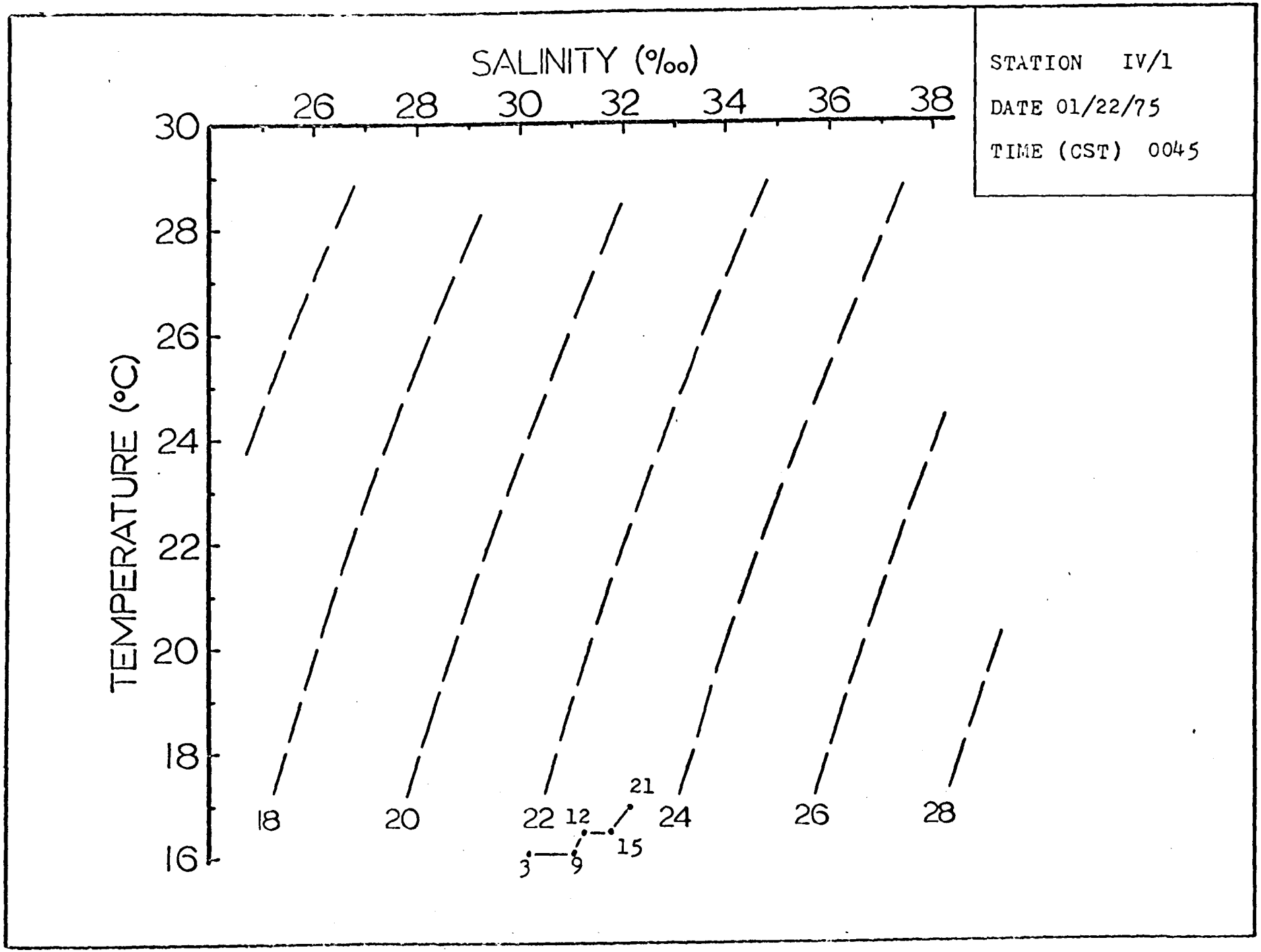
STATION IV/1
DATE 01/22/75
TIME (CST) 1110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TEMPERATURE (°C)
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STATION IV/1
DATE 01/22/75
TIME (CST) 0045
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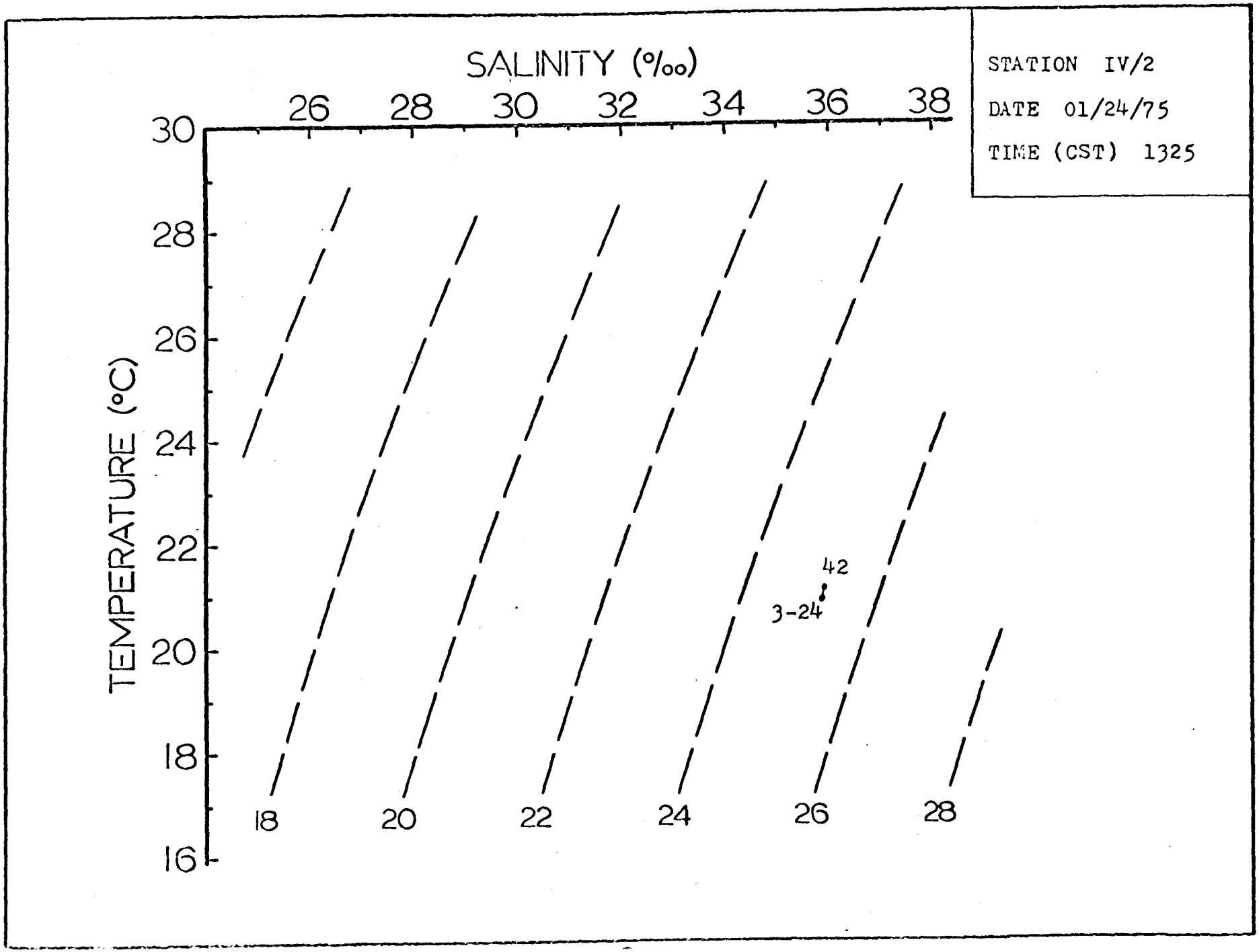
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TEMPERATURE (°C)
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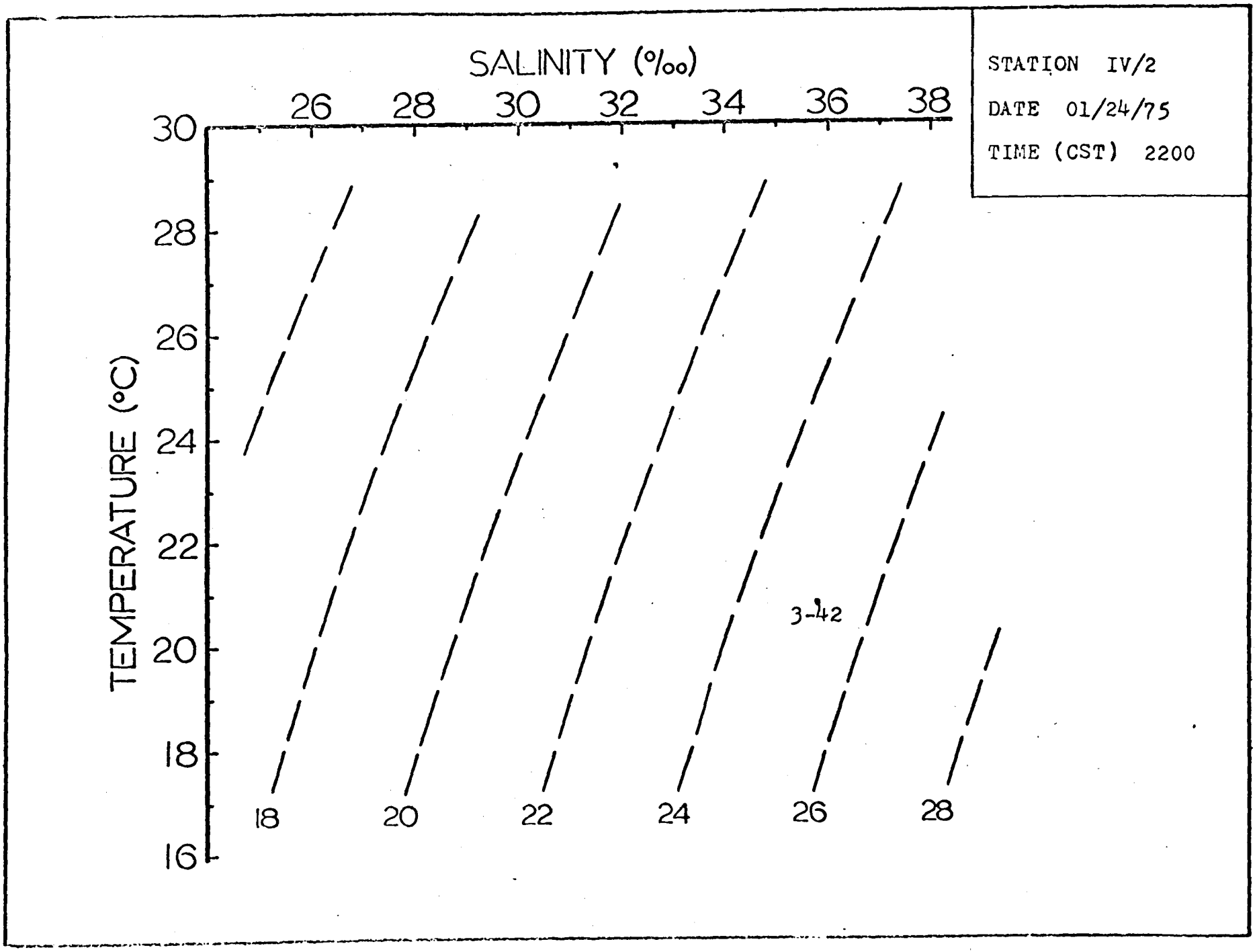
42
3-24
STATION IV/2
DATE 01/24/75
TIME (CST) 1325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TEMPERATURE (°C)
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STATION IV/2
DATE 01/24/75
TIME (CST) 2200
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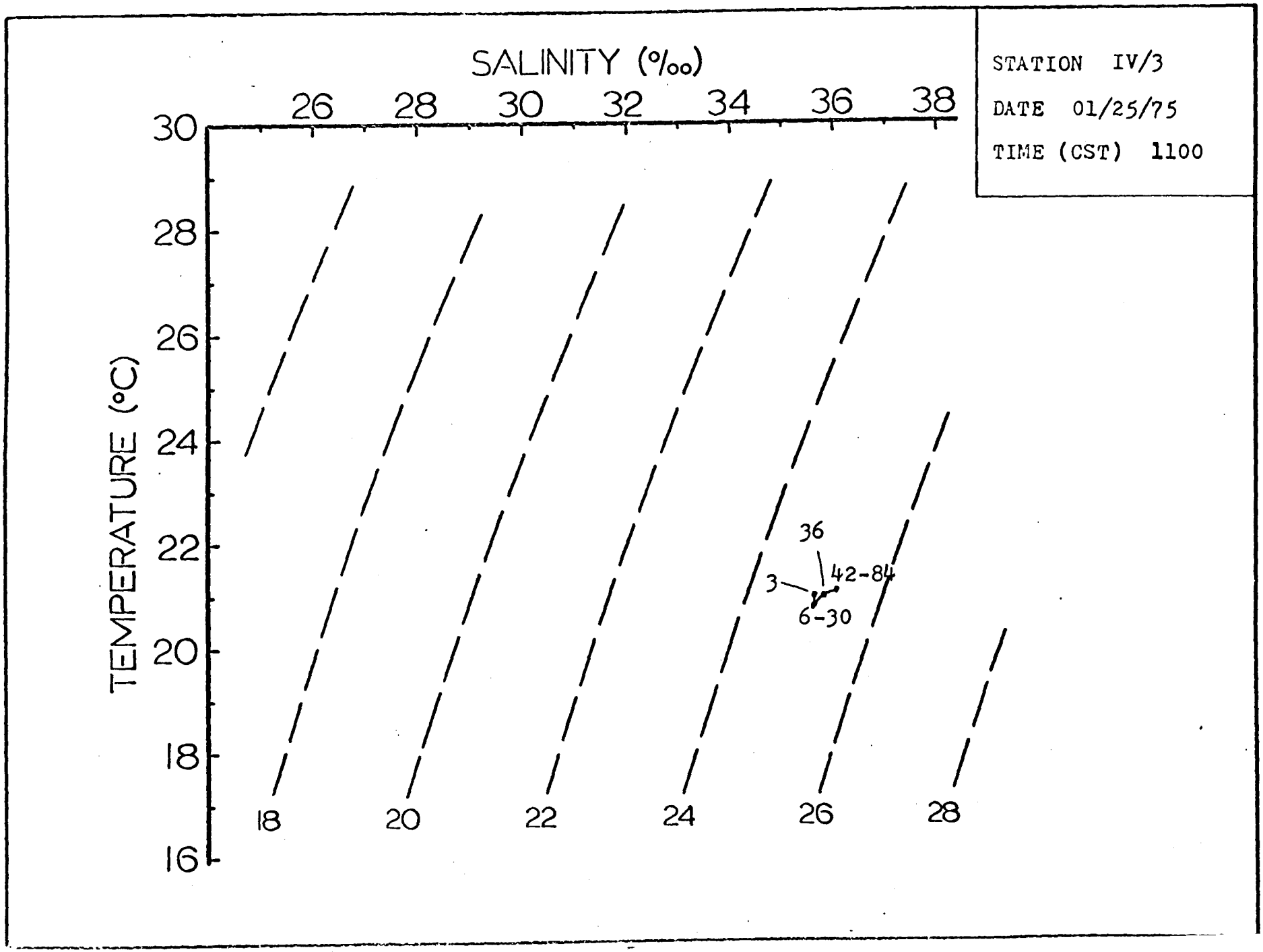
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TEMPERATURE (°C)
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STATION IV/3
DATE 01/25/75
TIME (CST) 1100
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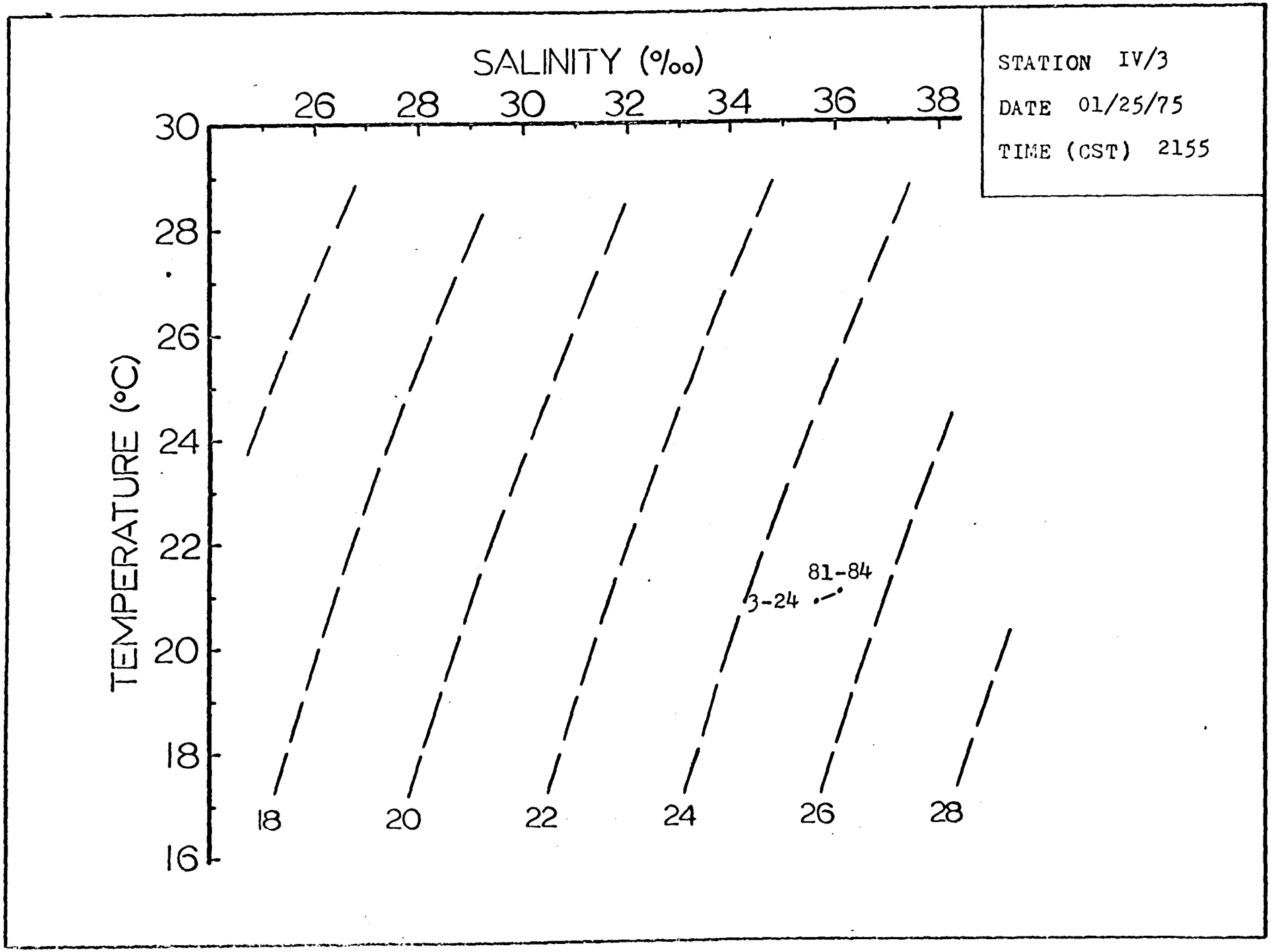
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TEMPERATURE (°C)
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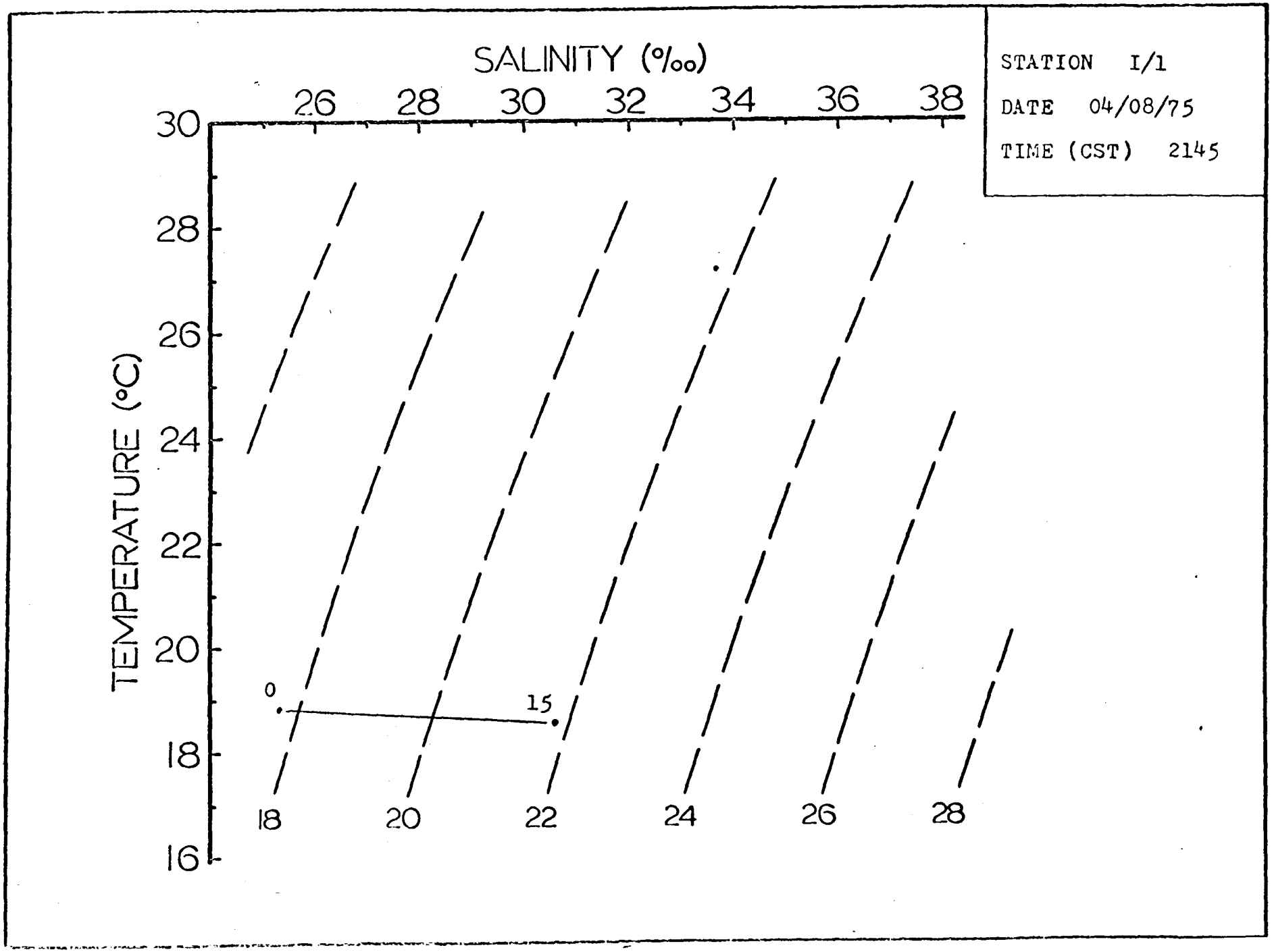
STATION IV/3
DATE 01/25/75
TIME (CST) 2155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TEMPERATURE (°C)
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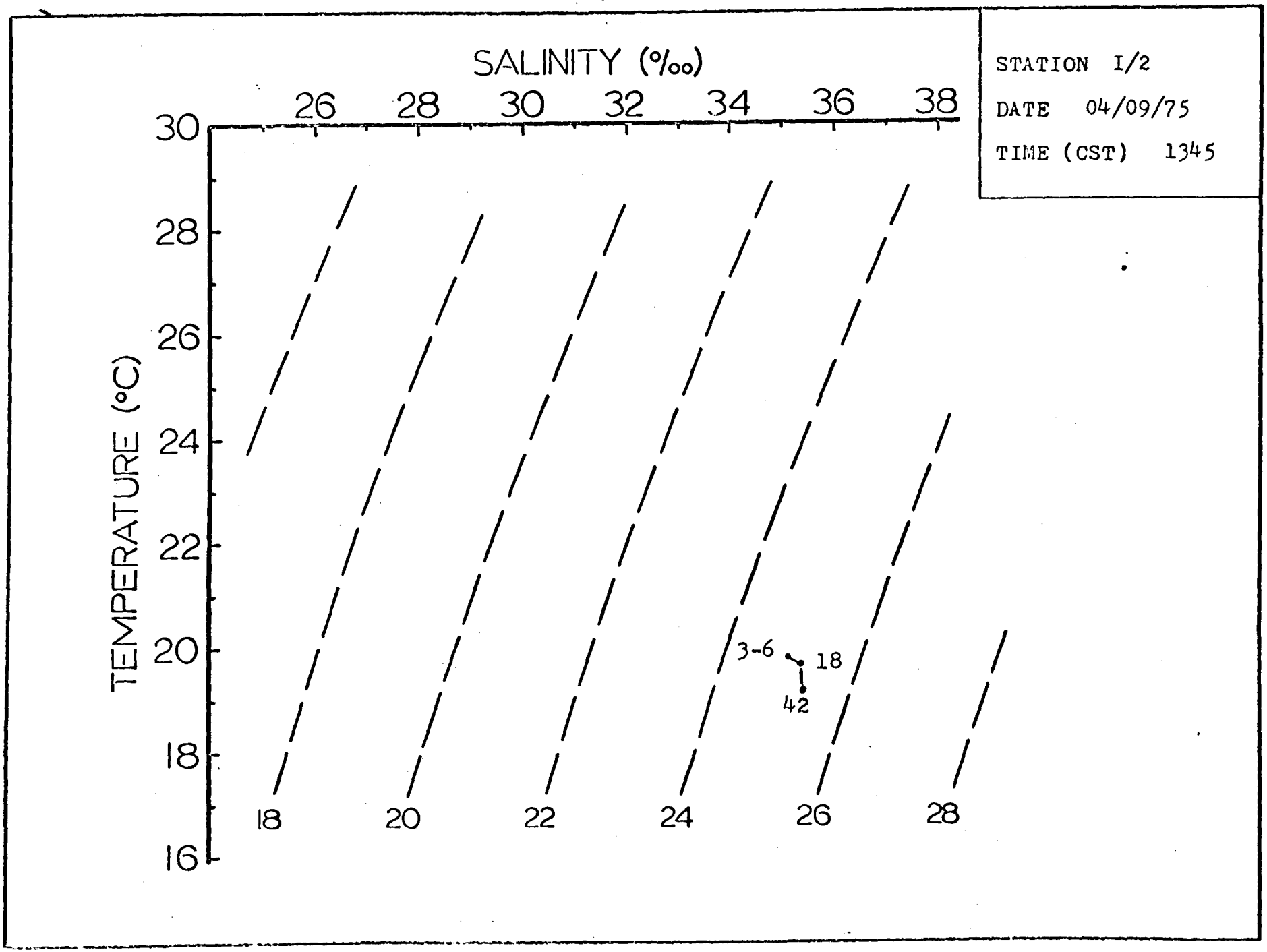
STATION I/1
DATE 04/08/75
TIME (CST) 2145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TEMPERATURE (°C)
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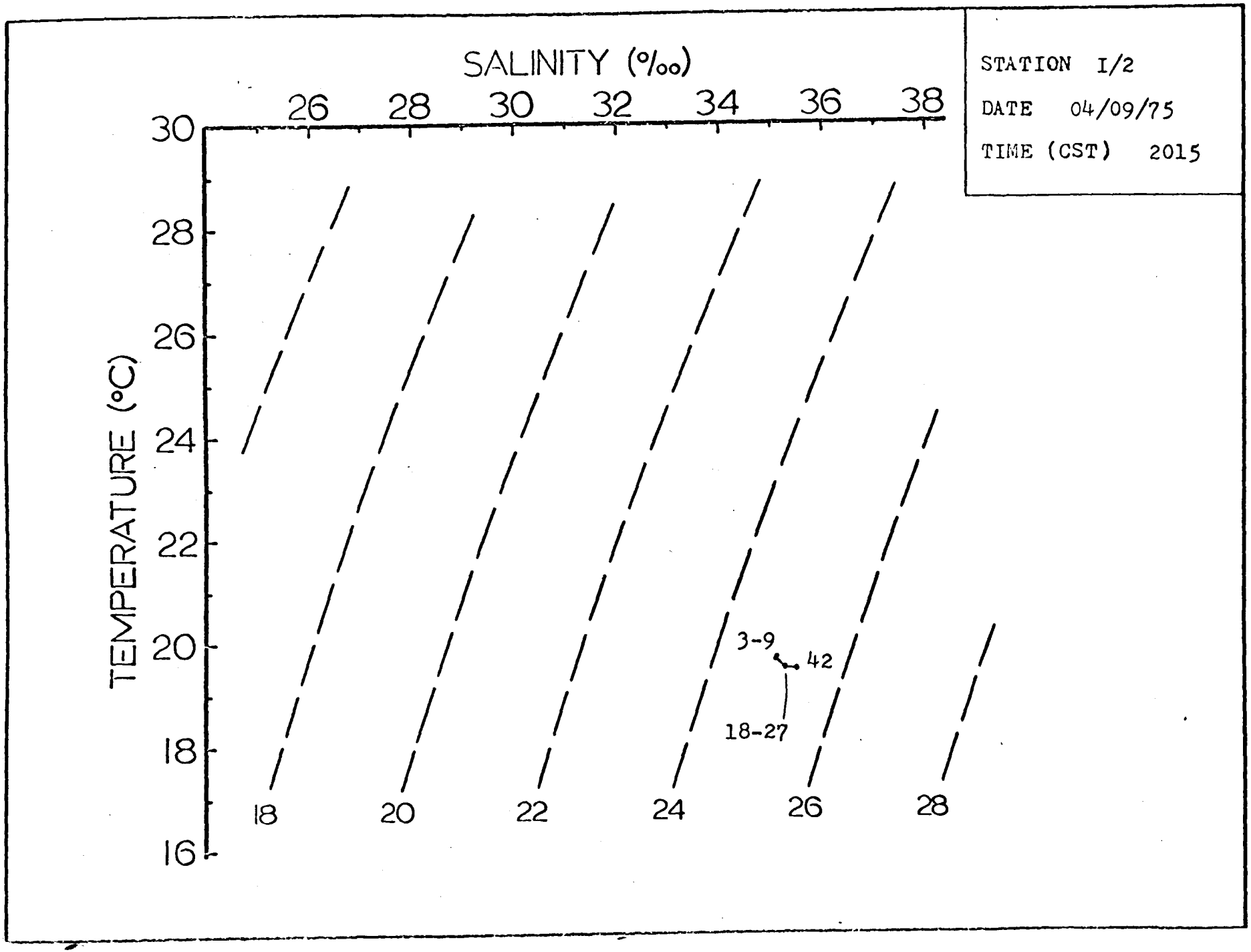
STATION I/2
DATE 04/09/75
TIME (CST) 1345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TEMPERATURE (°C)
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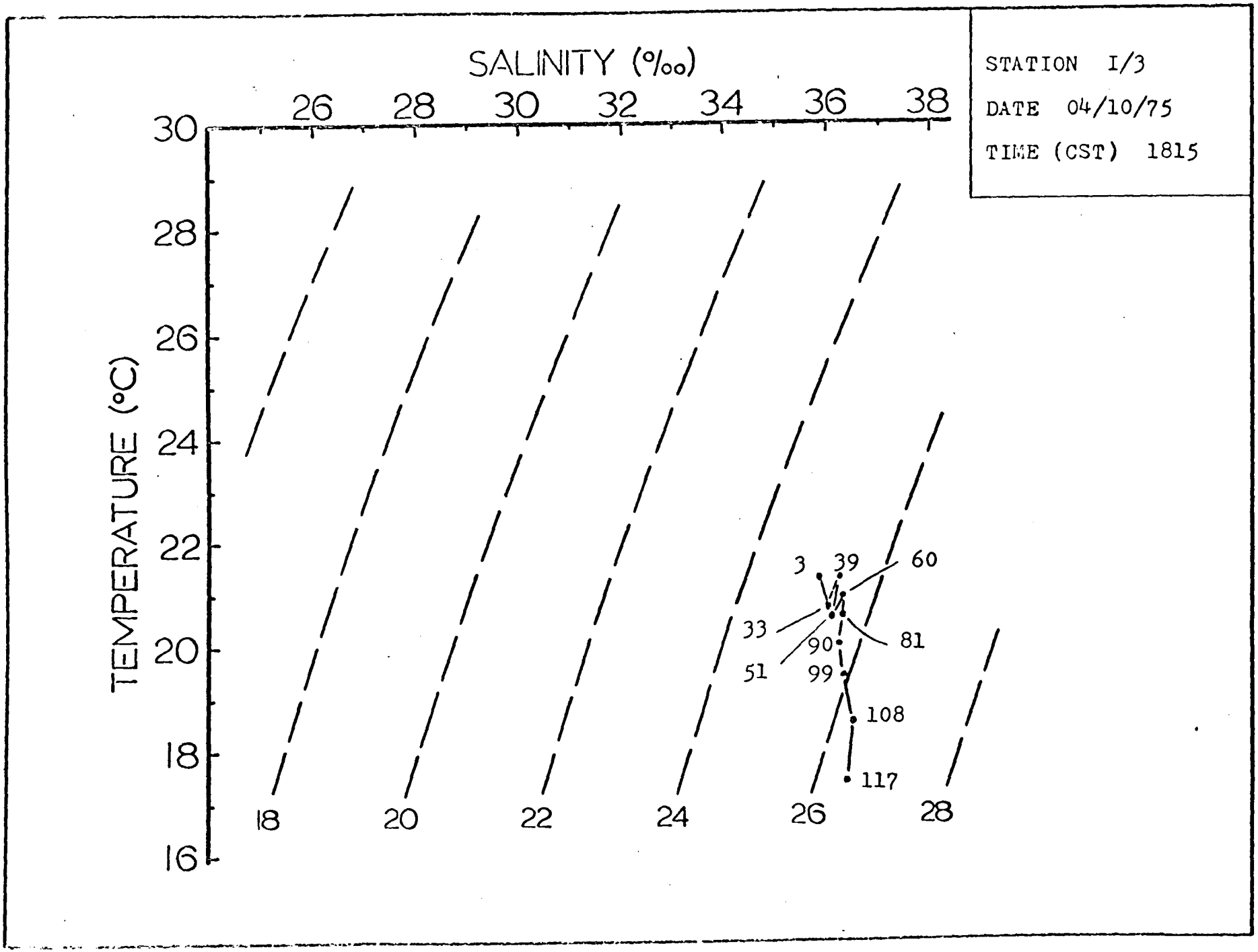
18-27
STATION I/2
DATE 04/09/75
TIME (CST) 2015


SALINITY (‰)
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TEMPERATURE (°C)
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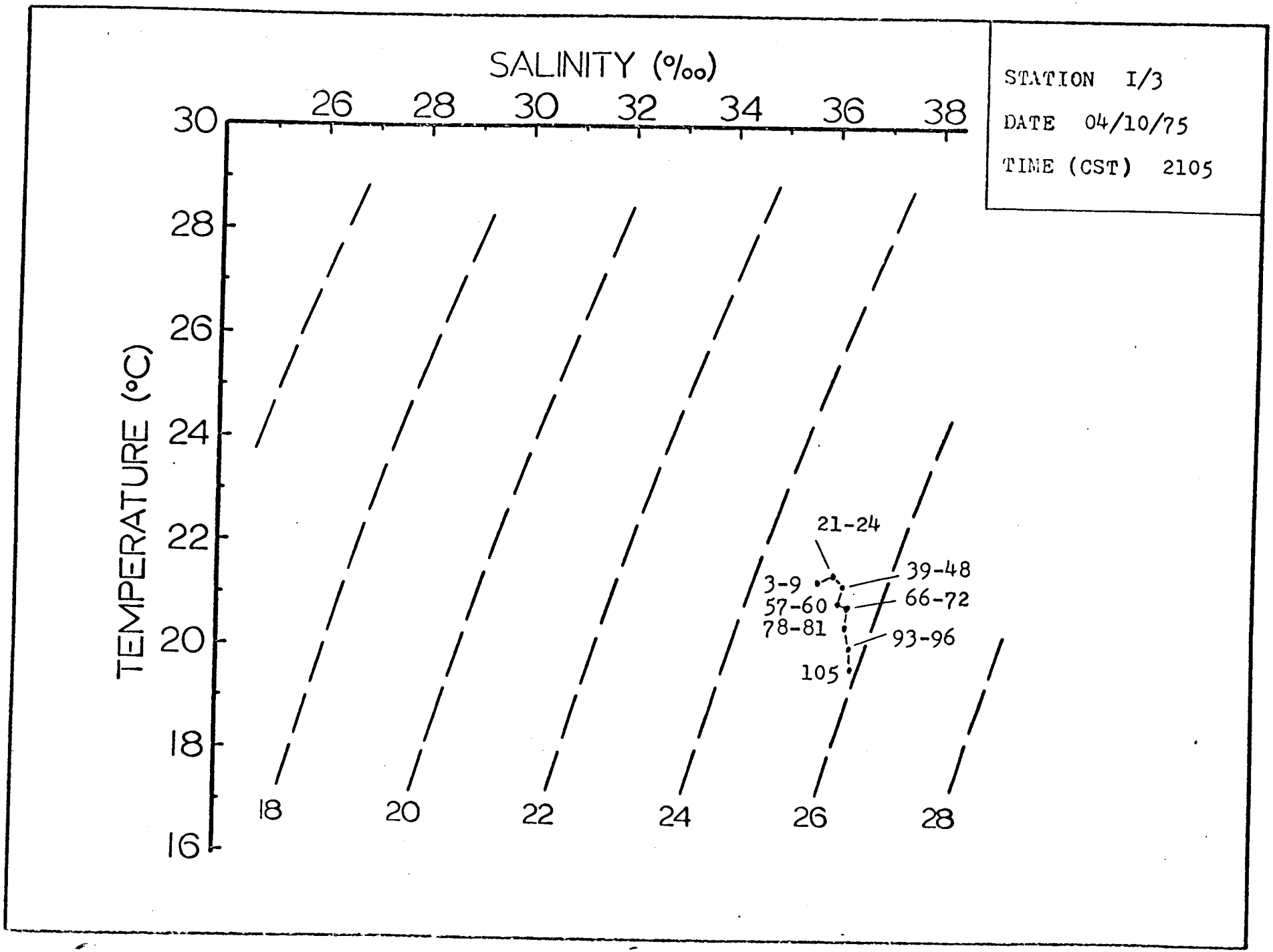
STATION I/3
DATE 04/10/75
TIME (CST) 1815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TEMPERATURE (°C)
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28
STATION I/3
DATE 04/10/75
TIME (CST) 2105
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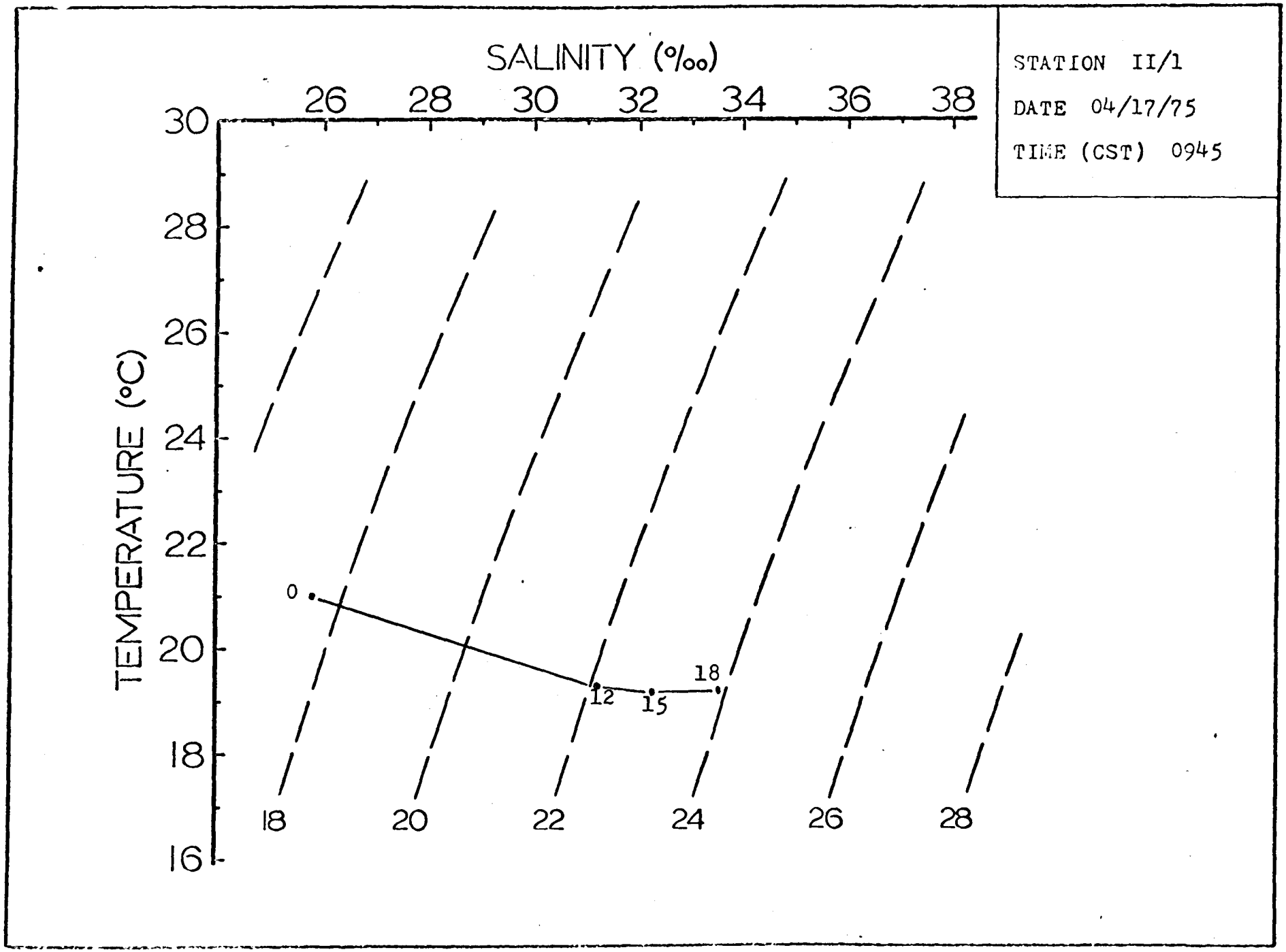
57-60
66-72
78-81
93-96
105


SALINITY (‰)
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TEMPERATURE (°C)
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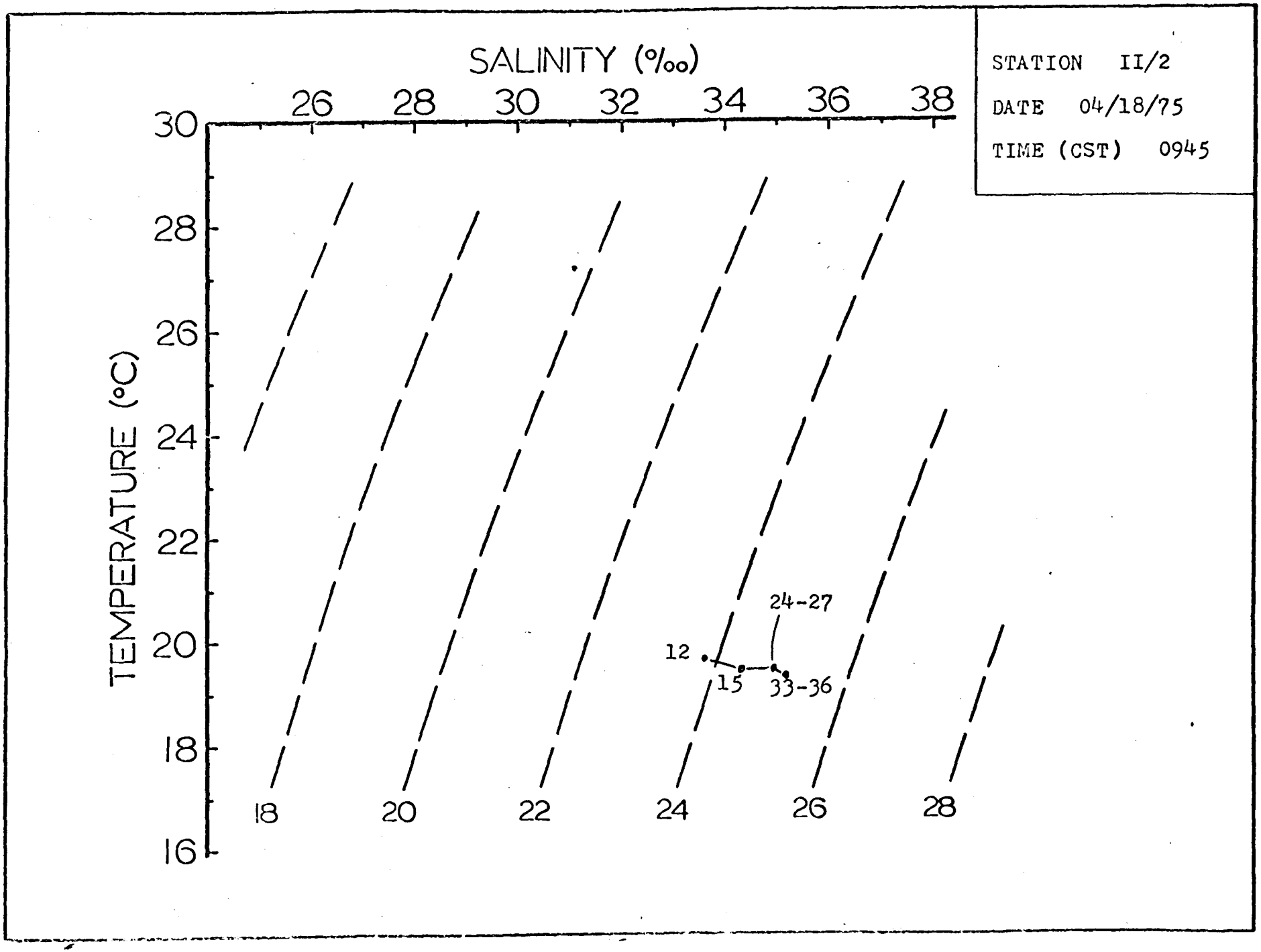
18
STATION II/1
DATE 04/17/75
TIME (CST) 0945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TEMPERATURE (°C)
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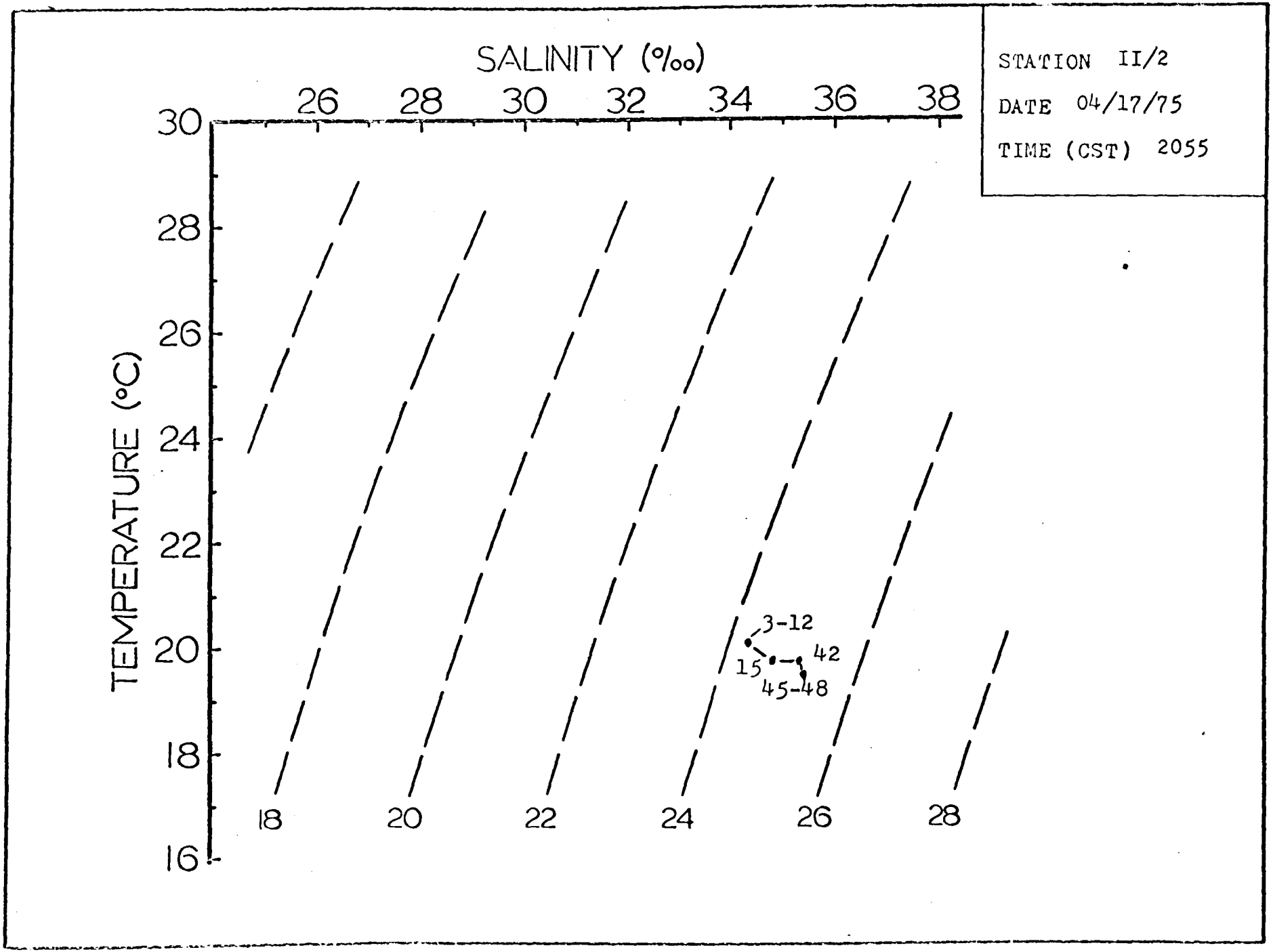
STATION II/2
DATE 04/18/75
TIME (CST) 0945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TEMPERATURE (°C)
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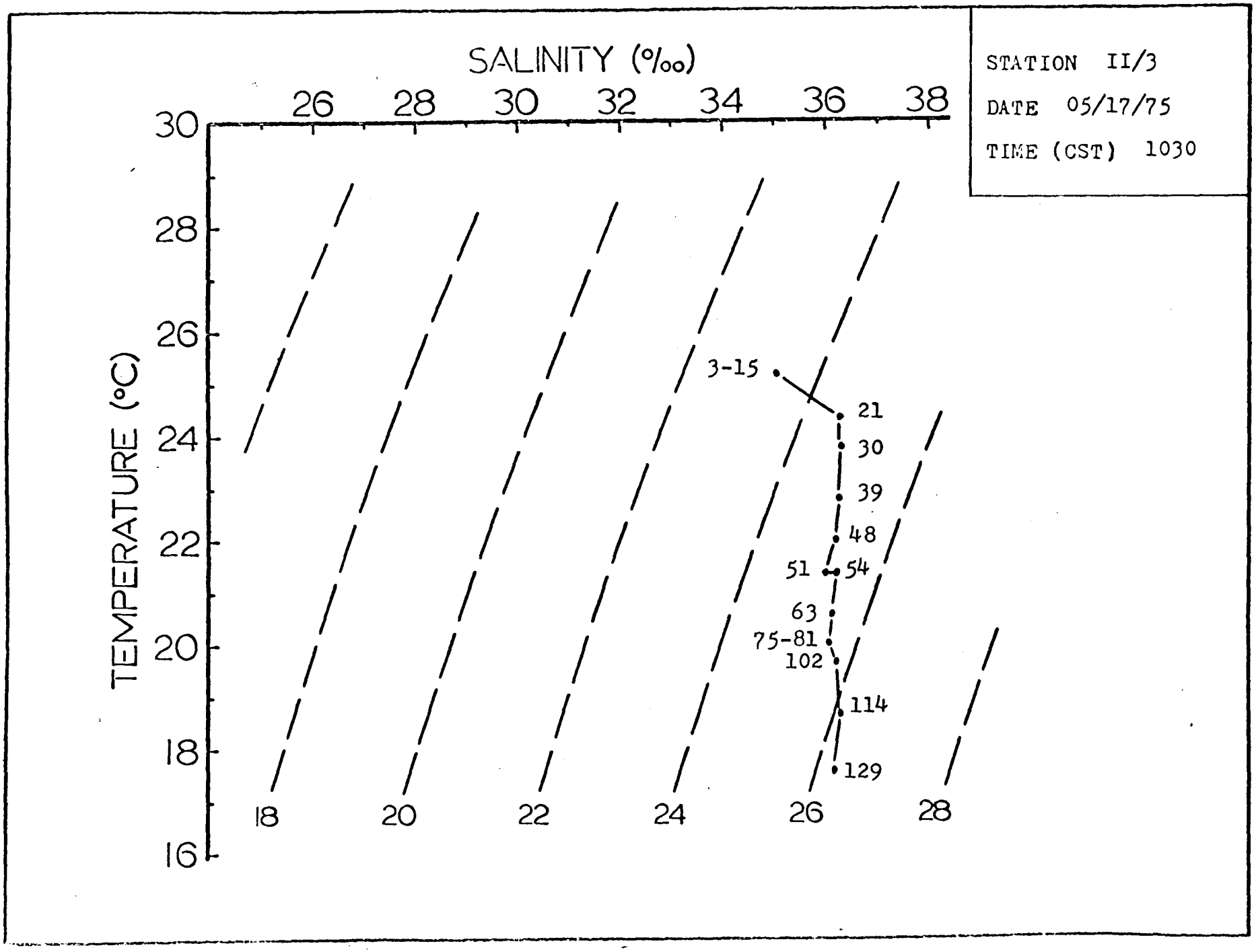
STATION II/2
DATE 04/17/75
TIME (CST) 2055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TEMPERATURE (°C)
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3-15
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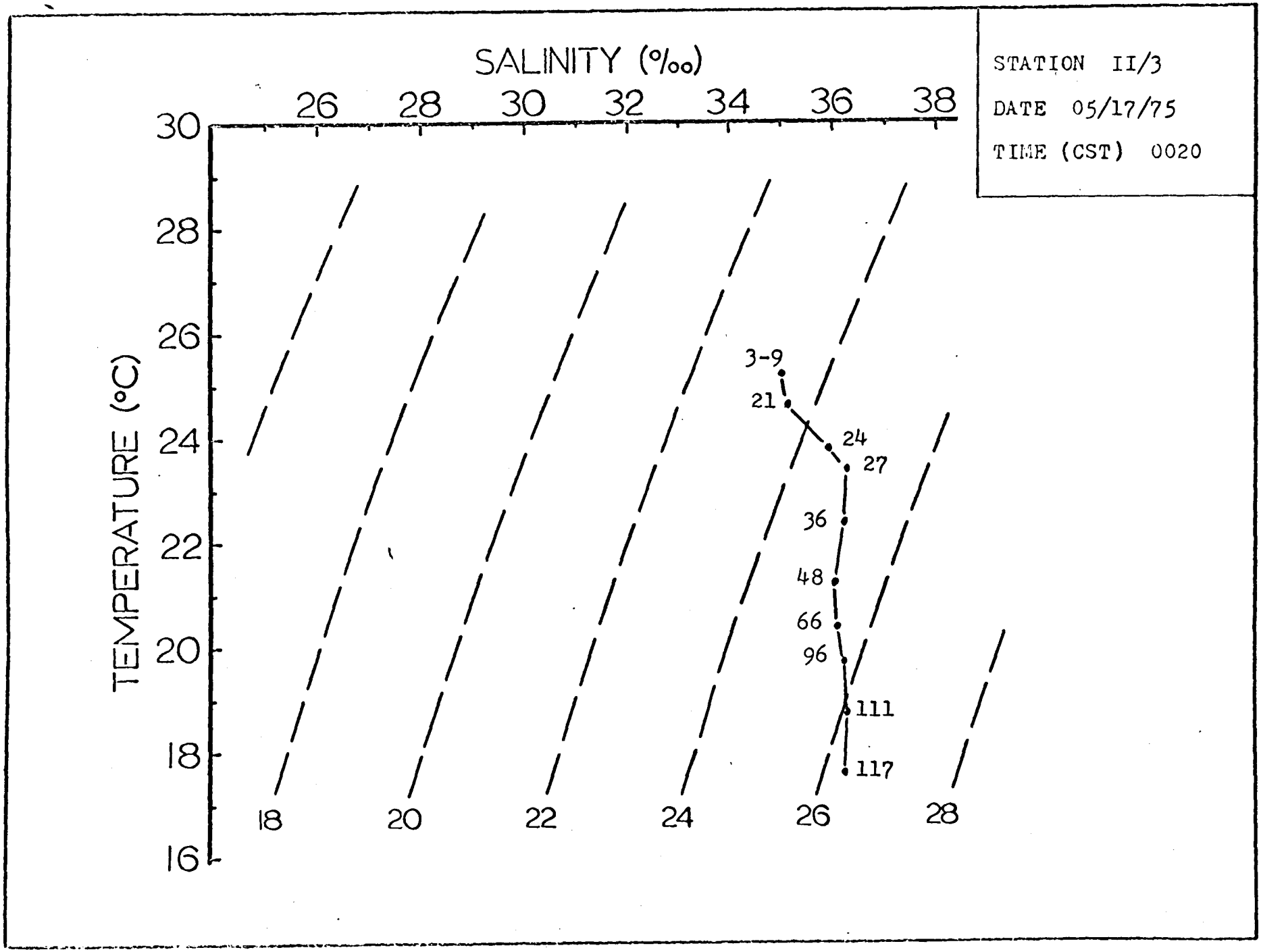
STATION II/3
DATE 05/17/75
TIME (CST) 1030


SALINITY (‰)
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TEMPERATURE (°C)
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96
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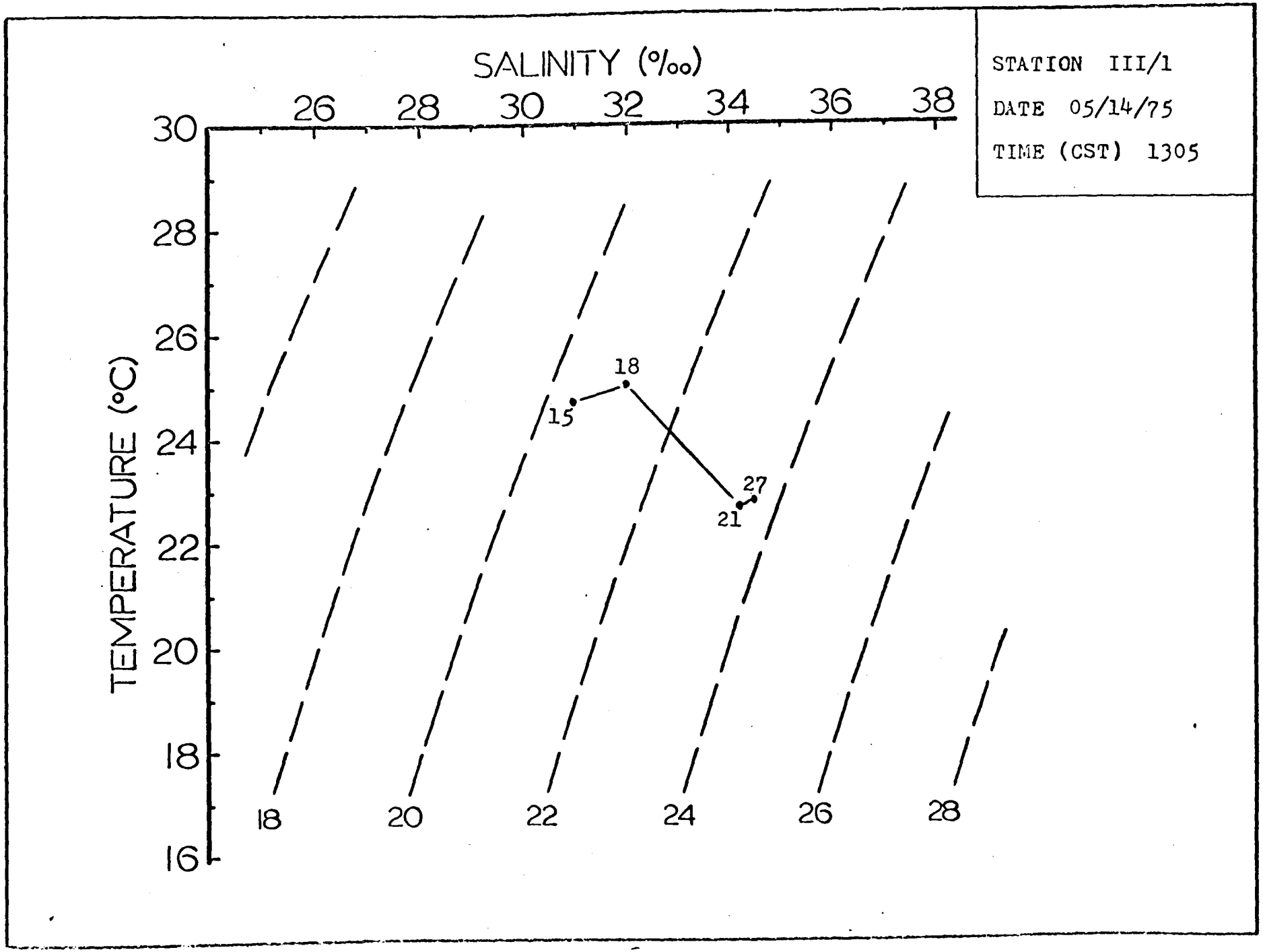
STATION II/3
DATE 05/17/75
TIME (CST) 0020


STATION III/1
DATE 05/14/75
TIME (CST) 1305
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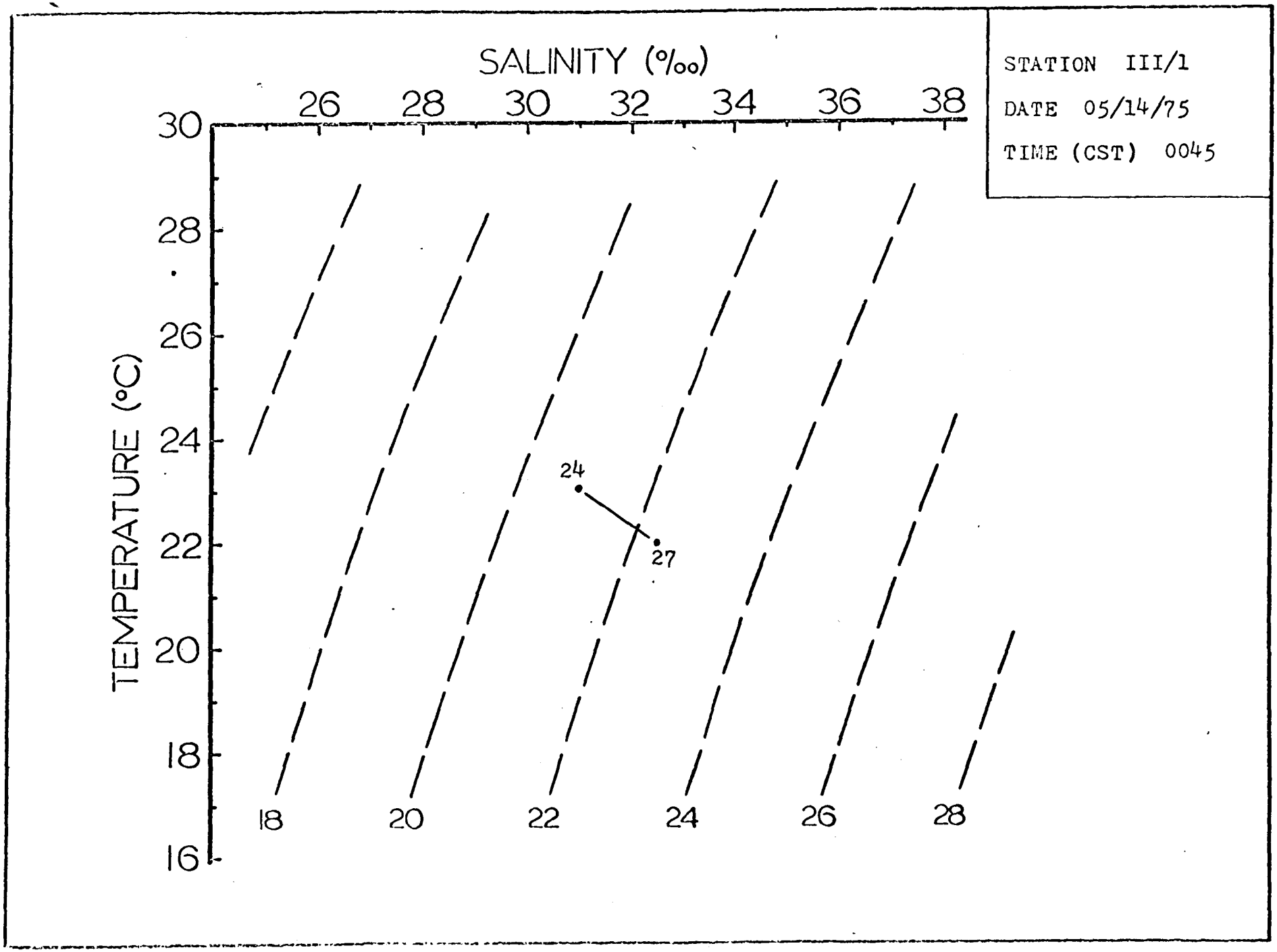
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TEMPERATURE (°C)
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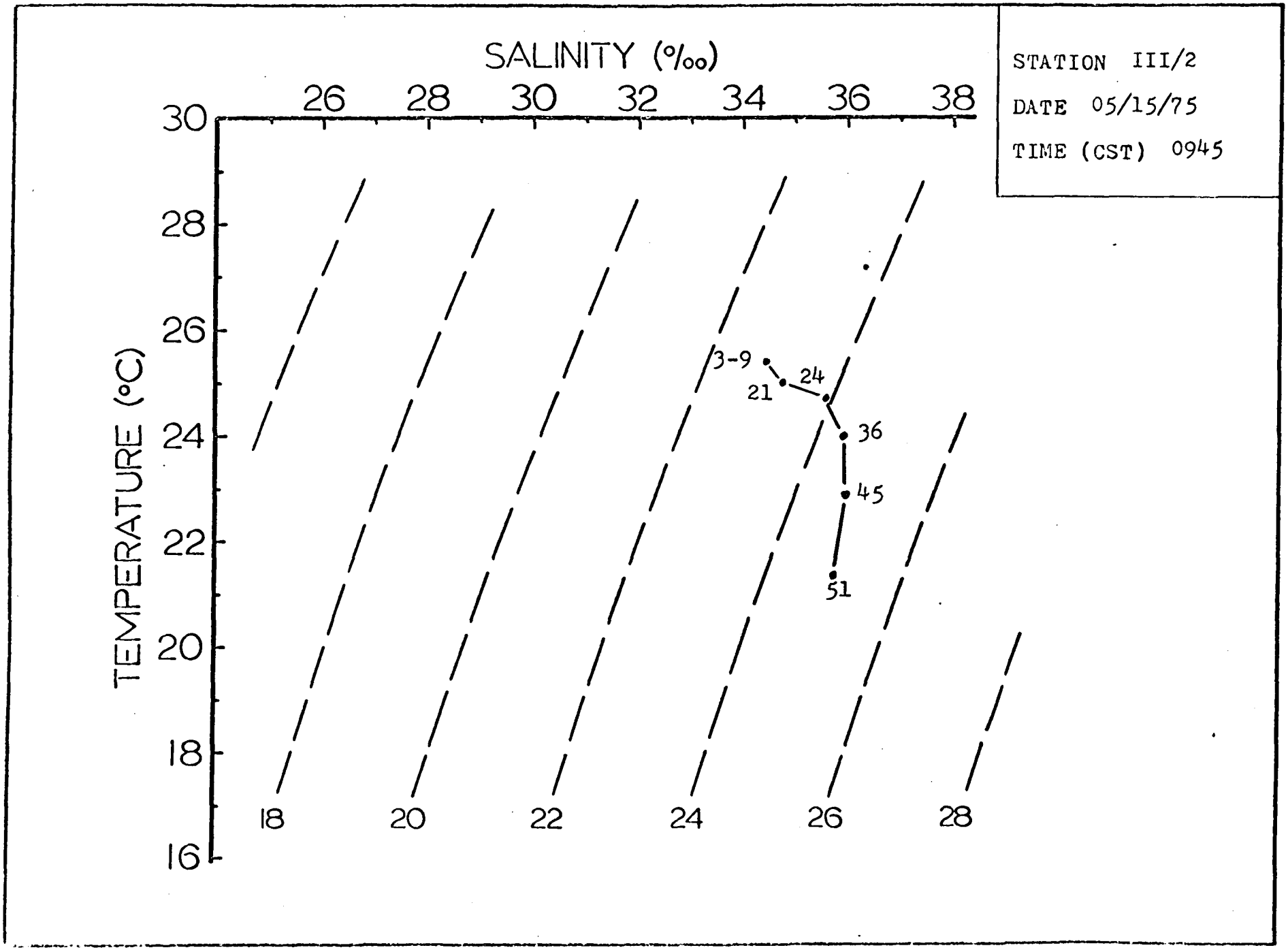
STATION III/1
DATE 05/14/75
TIME (CST) 0045


SALINITY (‰)
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TEMPERATURE (°C)
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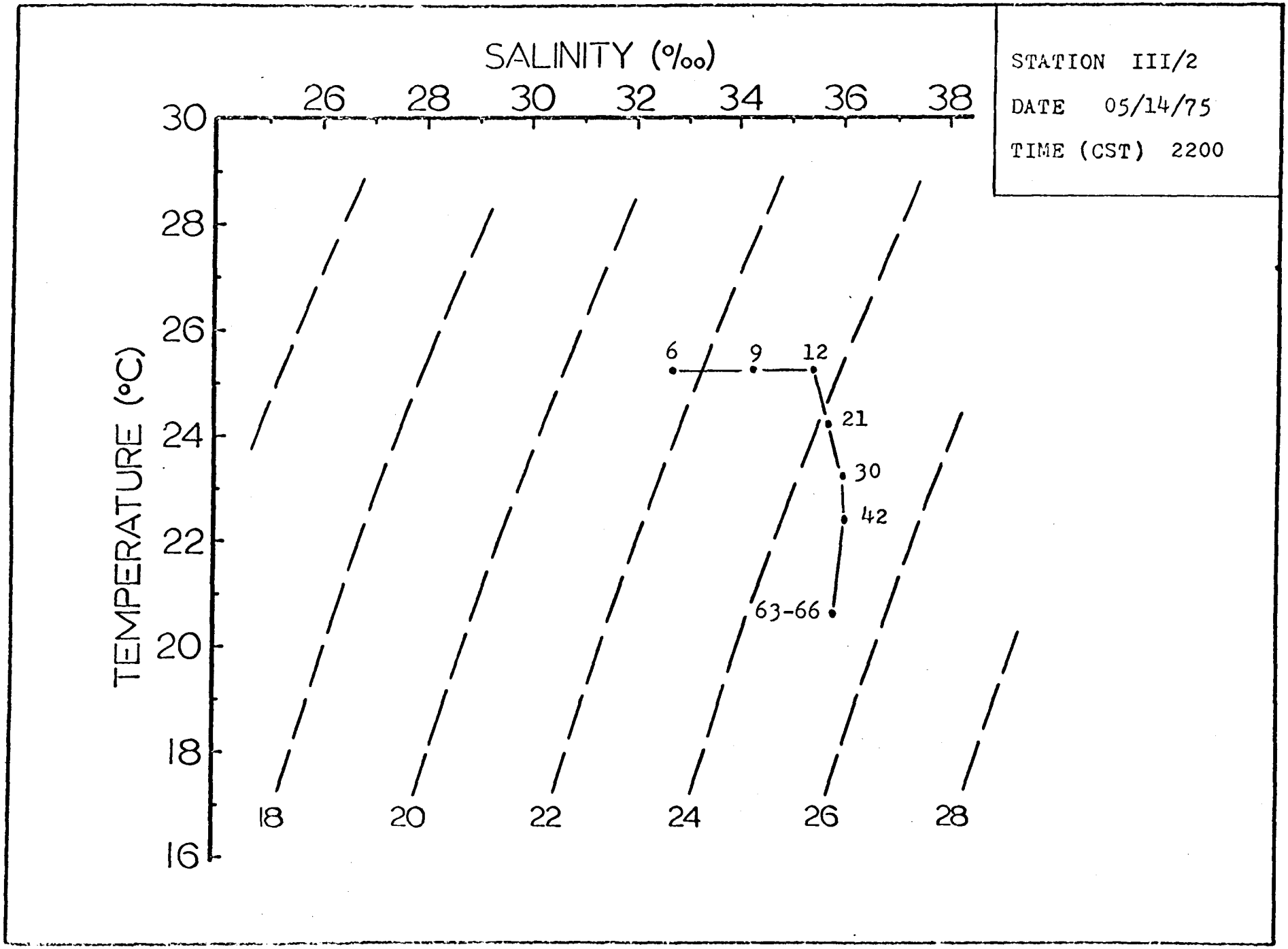
STATION III/2
DATE 05/15/75
TIME (CST) 0945


SALINITY (‰)
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TEMPERATURE (°C)
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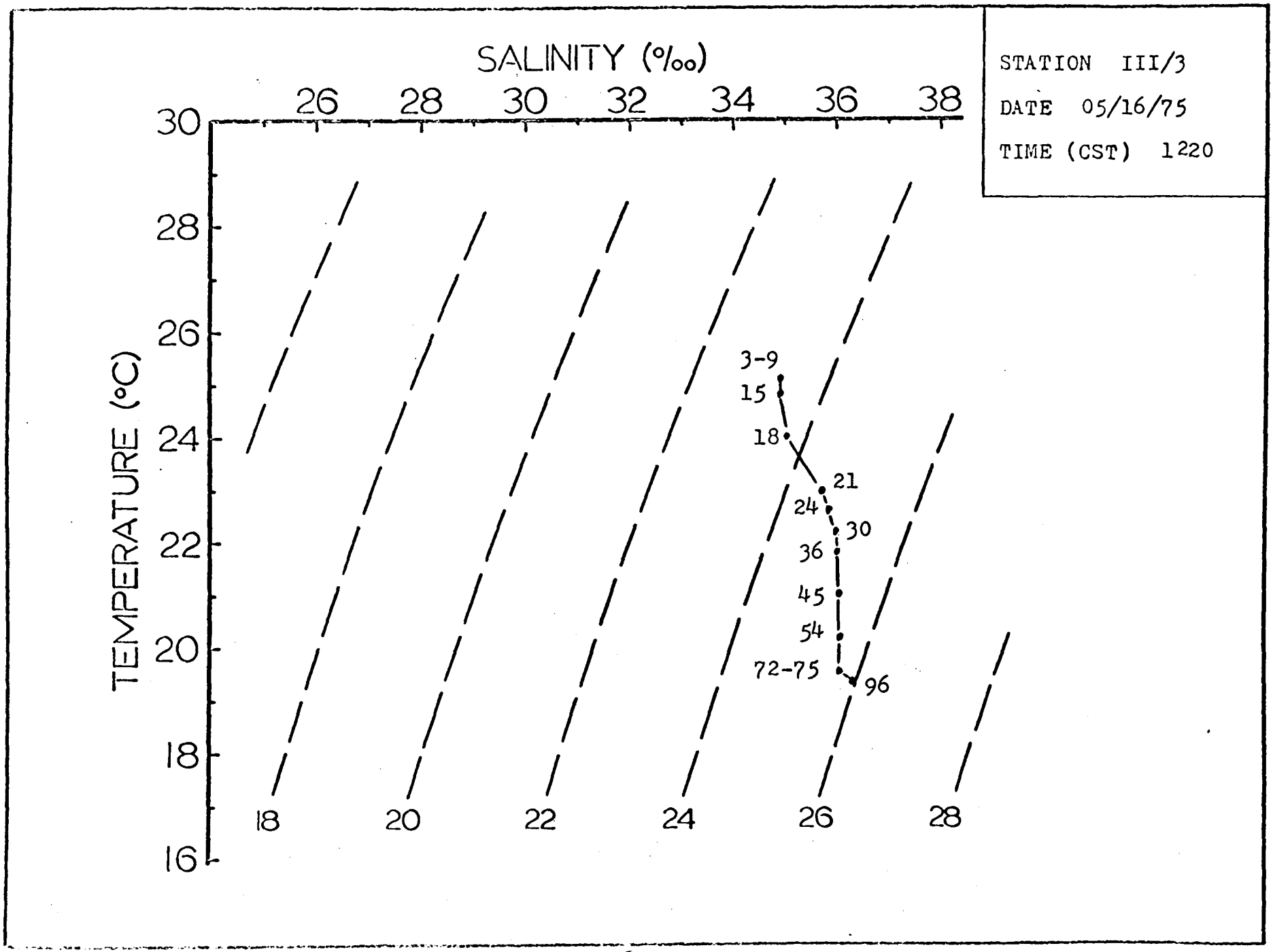
STATION III/2
DATE 05/14/75
TIME (CST) 2200


SALINITY (‰)
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TEMPERATURE (°C)
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3-9
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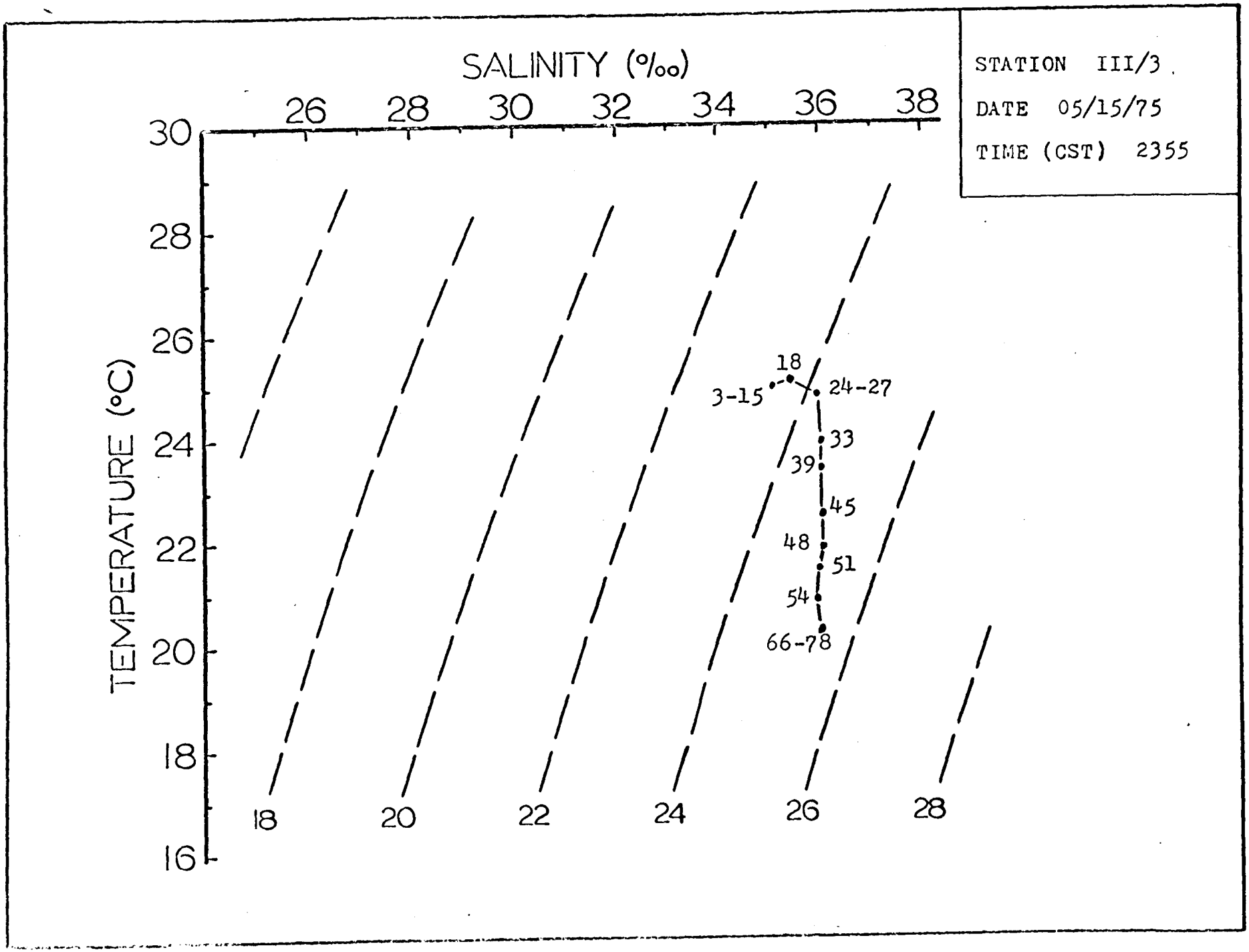
STATION III/3
DATE 05/16/75
TIME (CST) 1220


SALINITY (‰)
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TEMPERATURE (°C)
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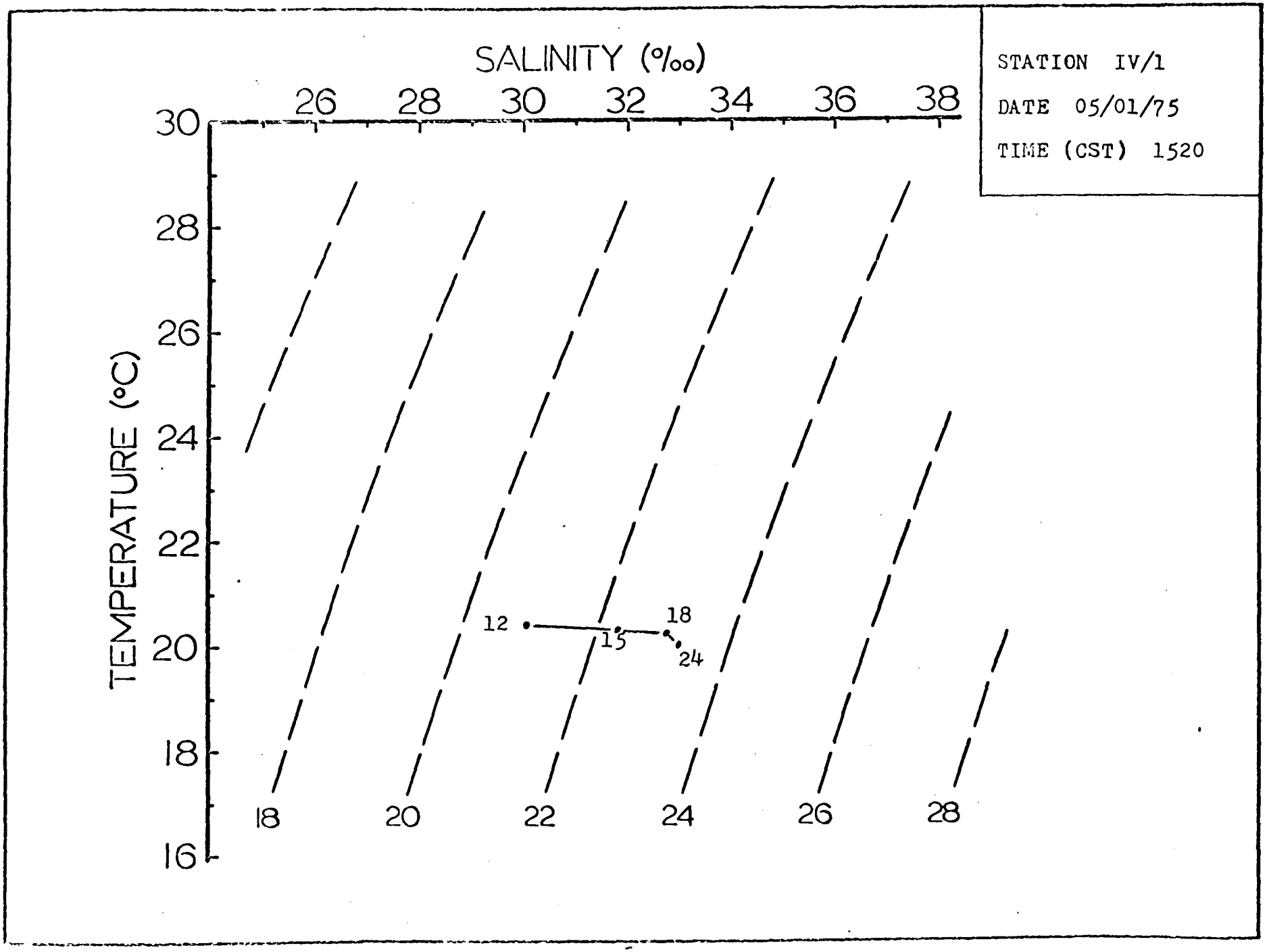
STATION III/3
DATE 05/15/75
TIME (CST) 2355


SALINITY (‰)
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TEMPERATURE (°C)
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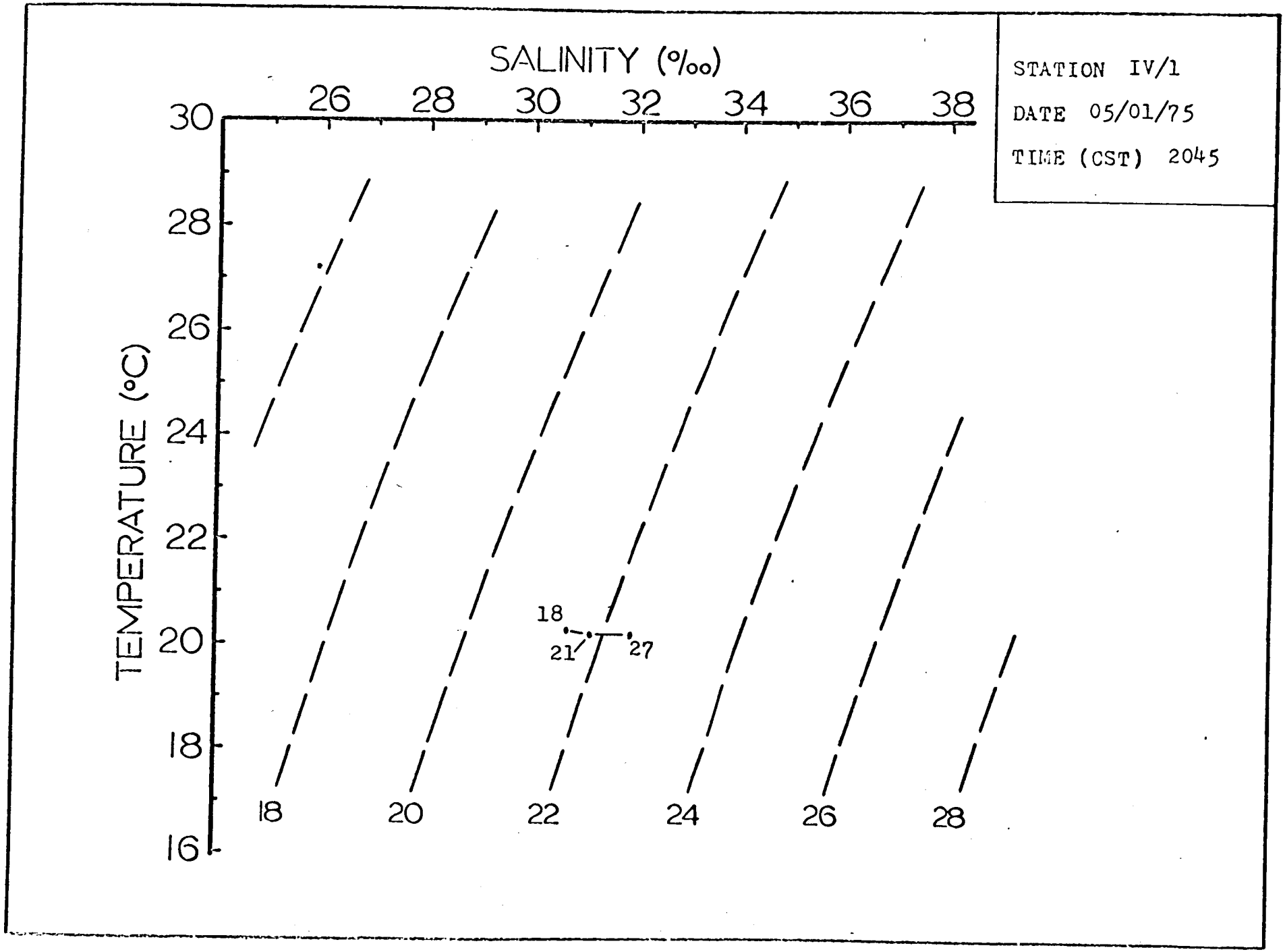
STATION IV/1
DATE 05/01/75
TIME (CST) 1520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TEMPERATURE (°C)
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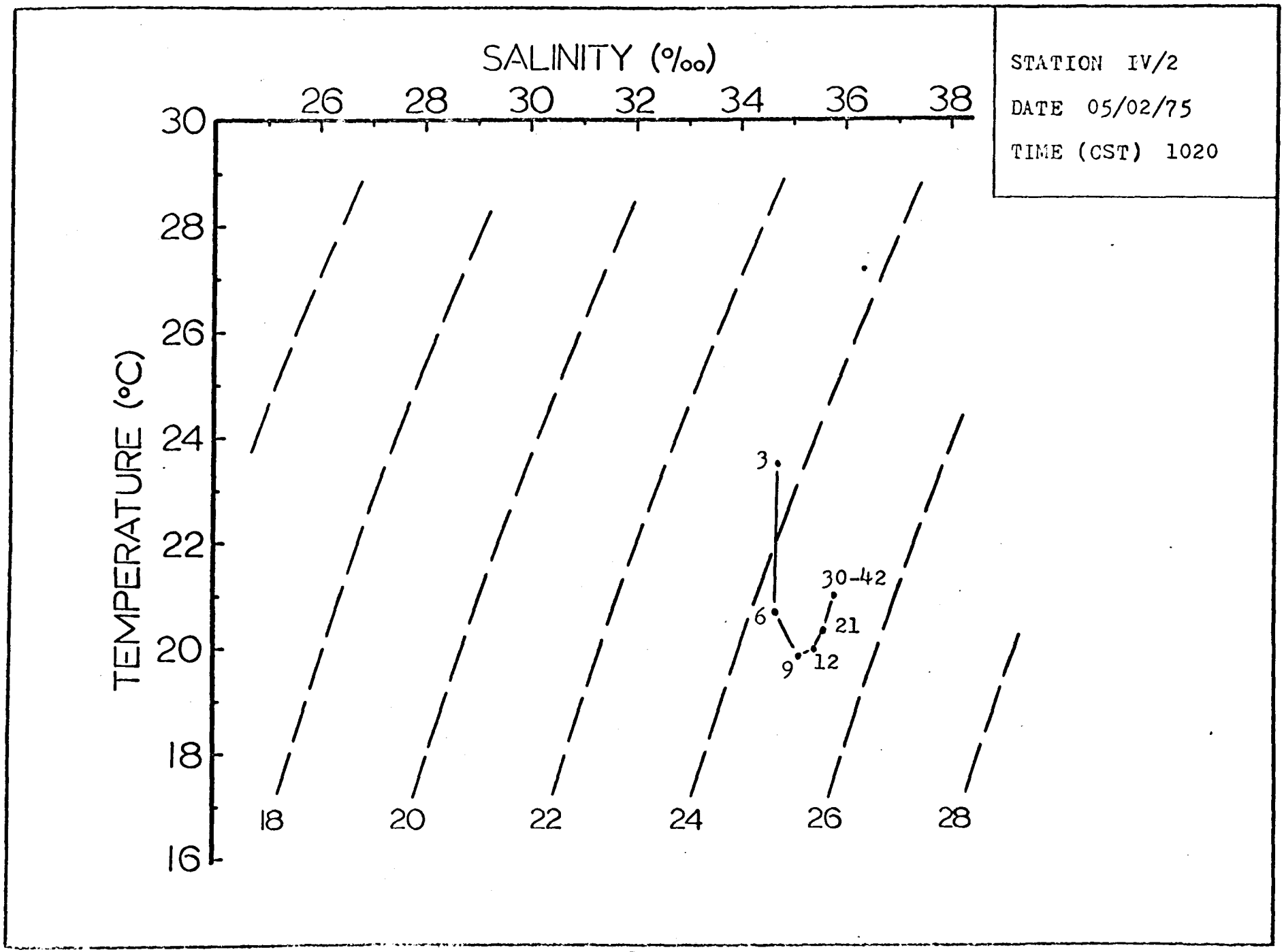
STATION IV/1
DATE 05/01/75
TIME (CST) 2045


SALINITY (‰)
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TEMPERATURE (°C)
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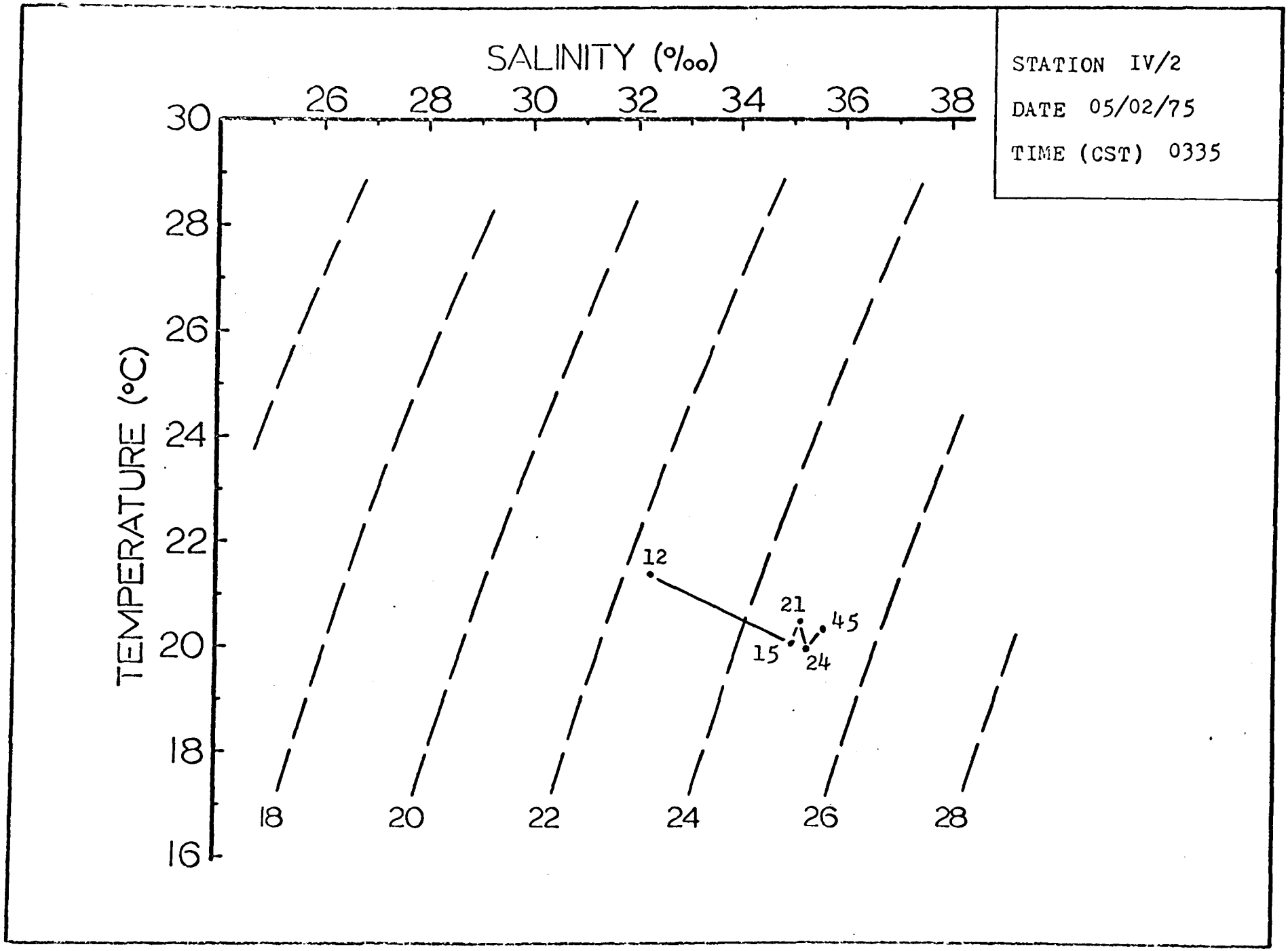
STATION IV/2
DATE 05/02/75
TIME (CST) 1020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TEMPERATURE (°C)
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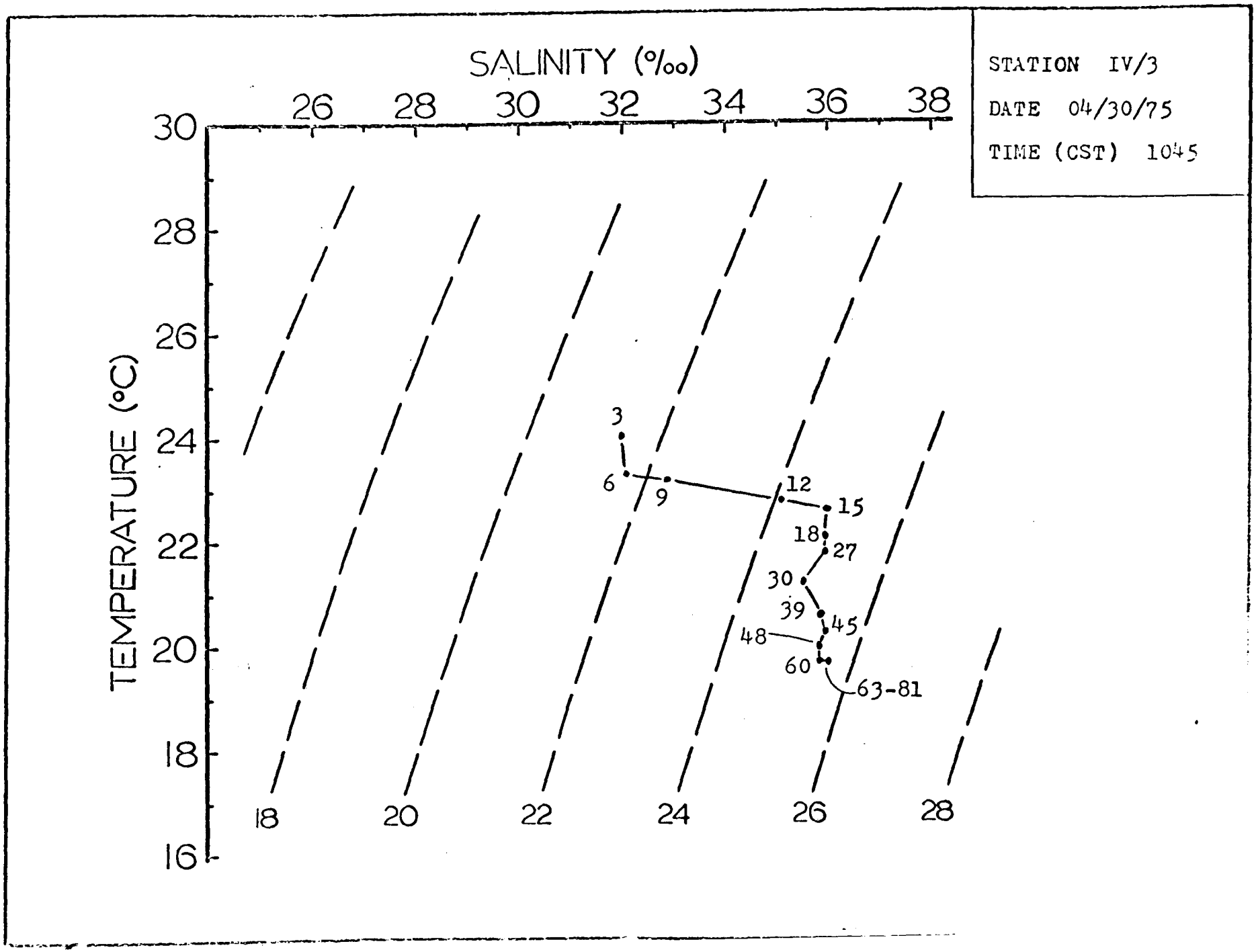
STATION IV/2
DATE 05/02/75
TIME (CST) 0335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TEMPERATURE (°C)
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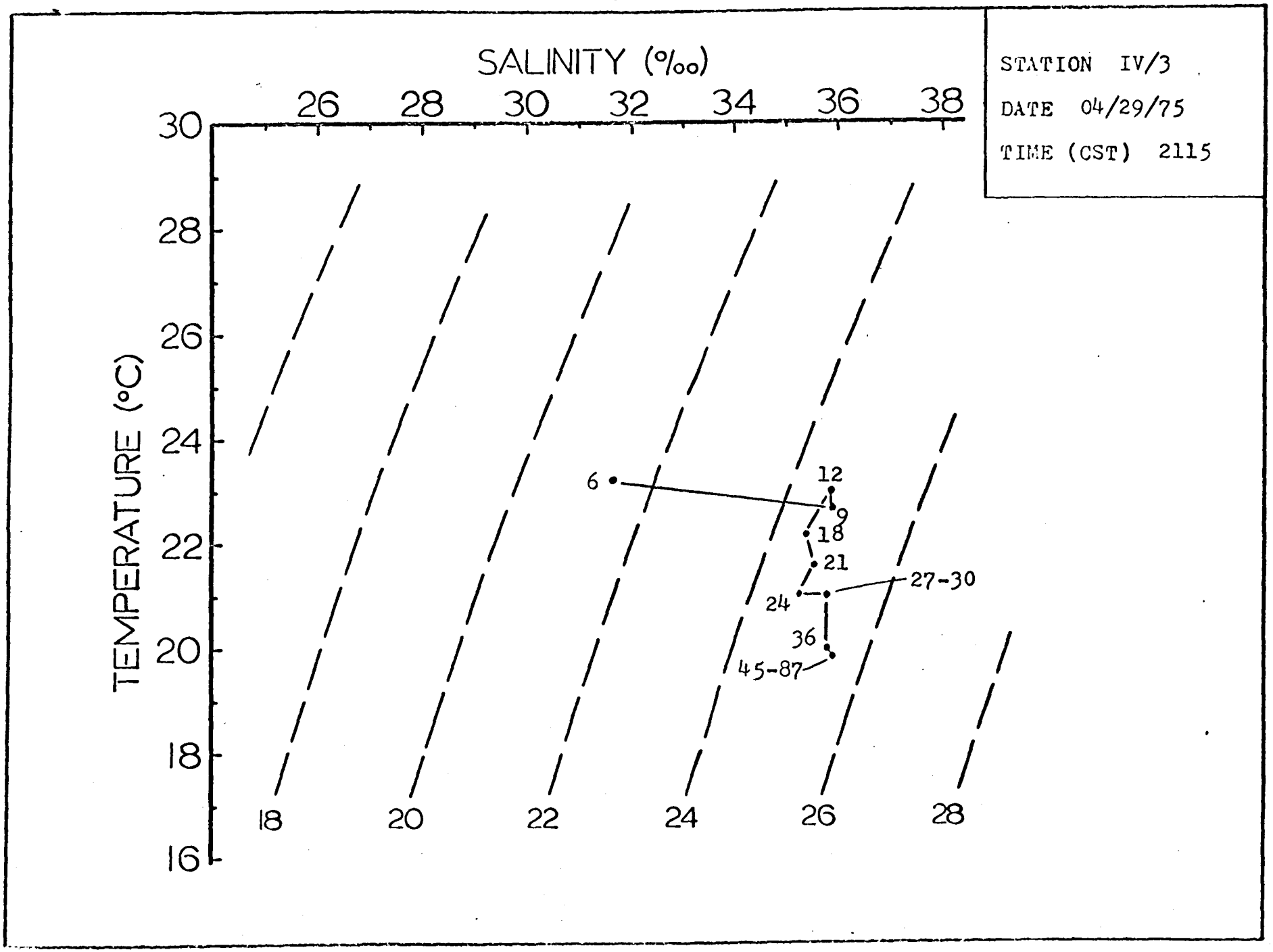
STATION IV/3
DATE 04/30/75
TIME (CST) 1045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TEMPERATURE (°C)
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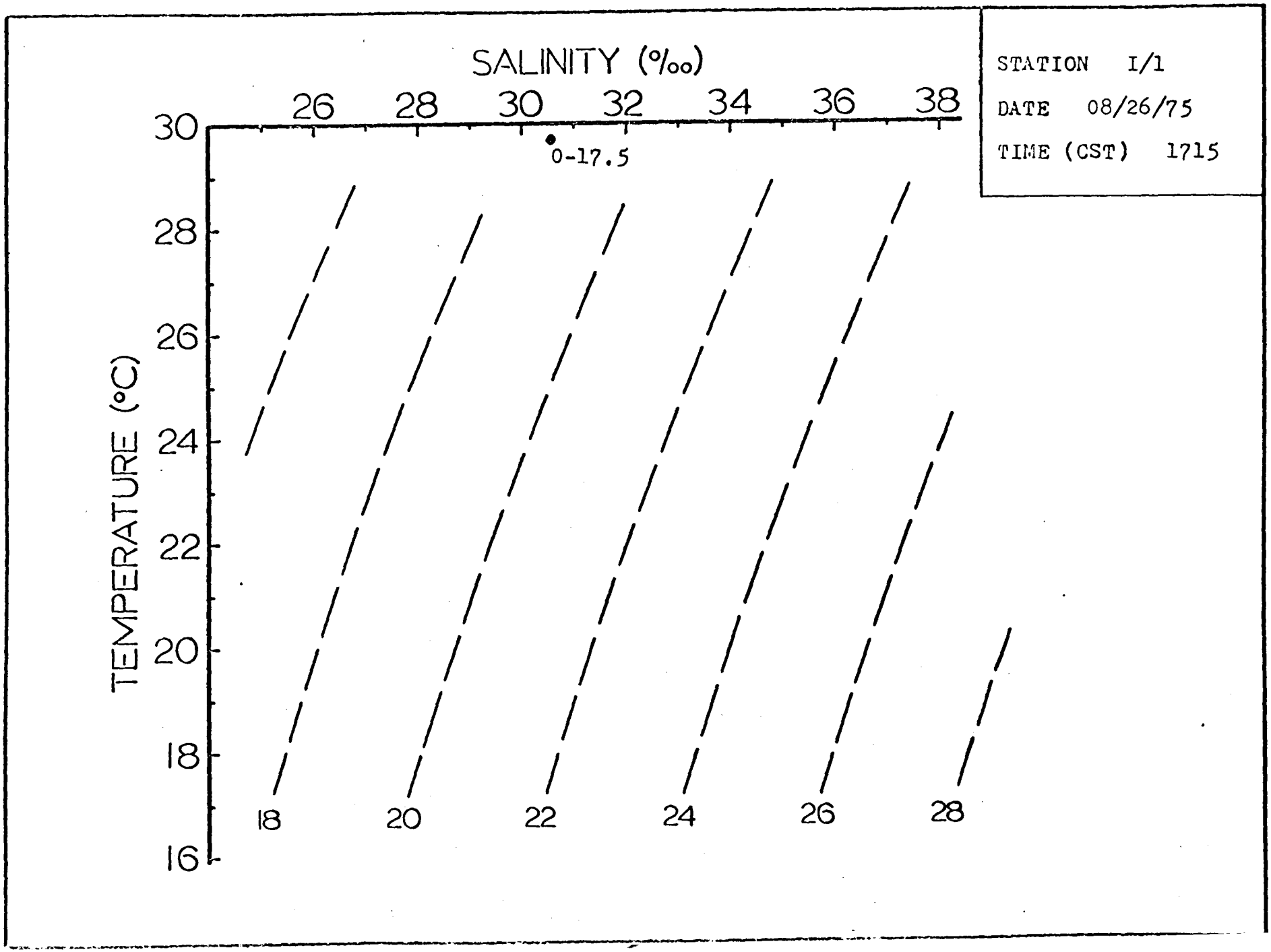
27-30
36
45-87
STATION IV/3
DATE 04/29/75
TIME (CST) 2115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0-17.5
TEMPERATURE (°C)
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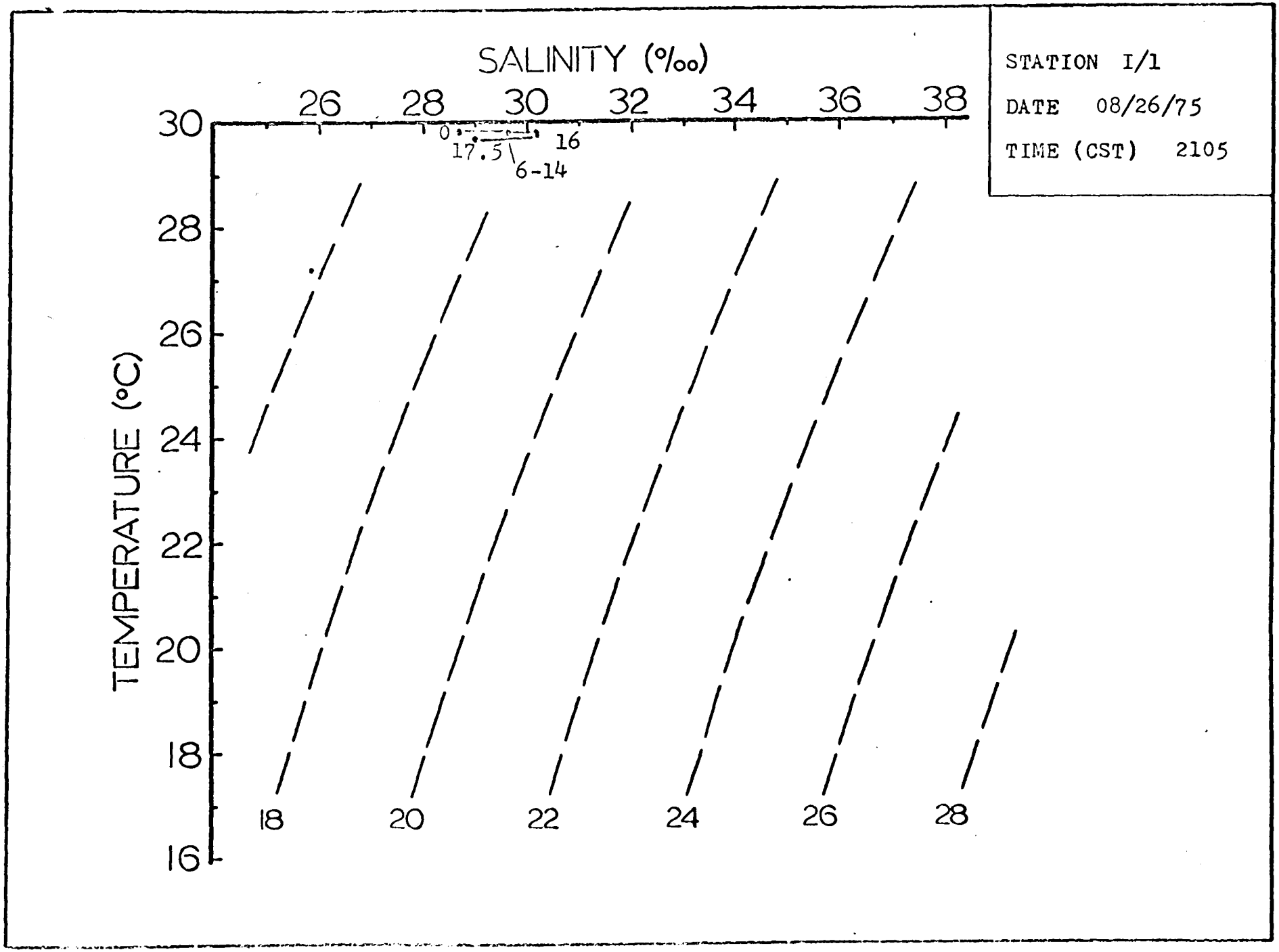
28
STATION I/1
DATE 08/26/75
TIME (CST) 1715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TEMPERATURE (°C)
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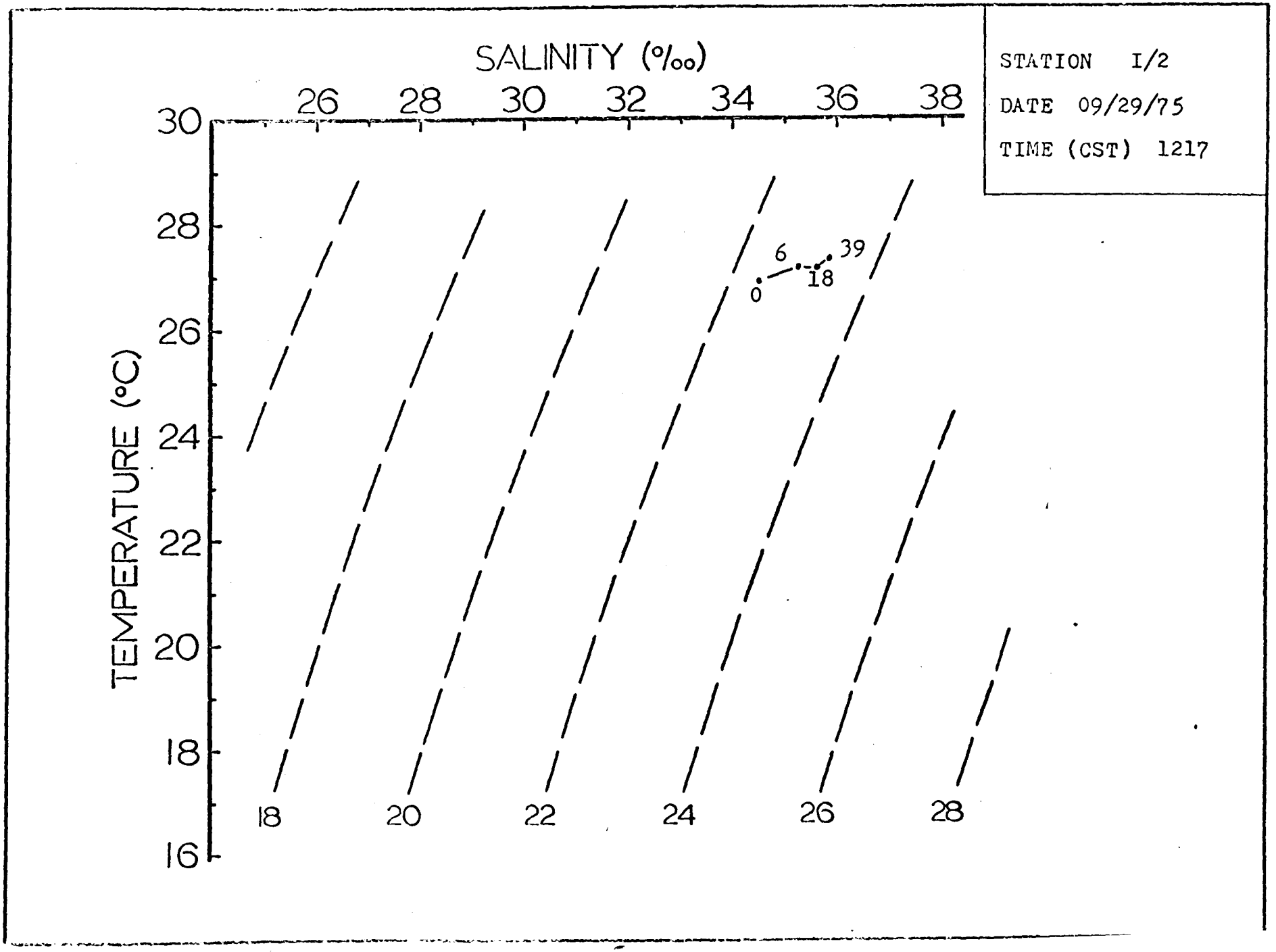
28
STATION I/1
DATE 08/26/75
TIME (CST) 2105


SALINITY (‰)
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TEMPERATURE (°C)
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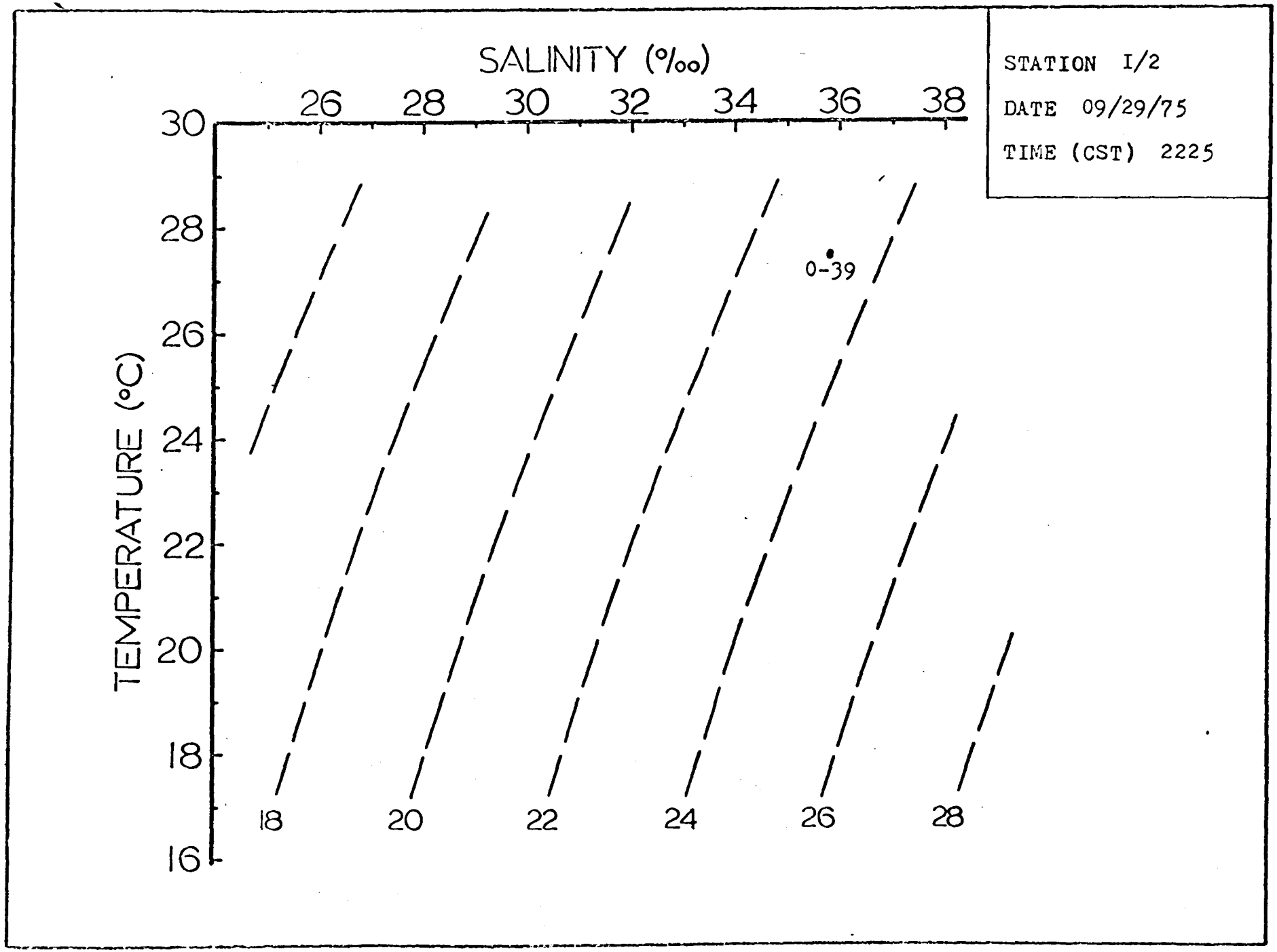
STATION I/2
DATE 09/29/75
TIME (CST) 1217


SALINITY (‰)
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TEMPERATURE (°C)
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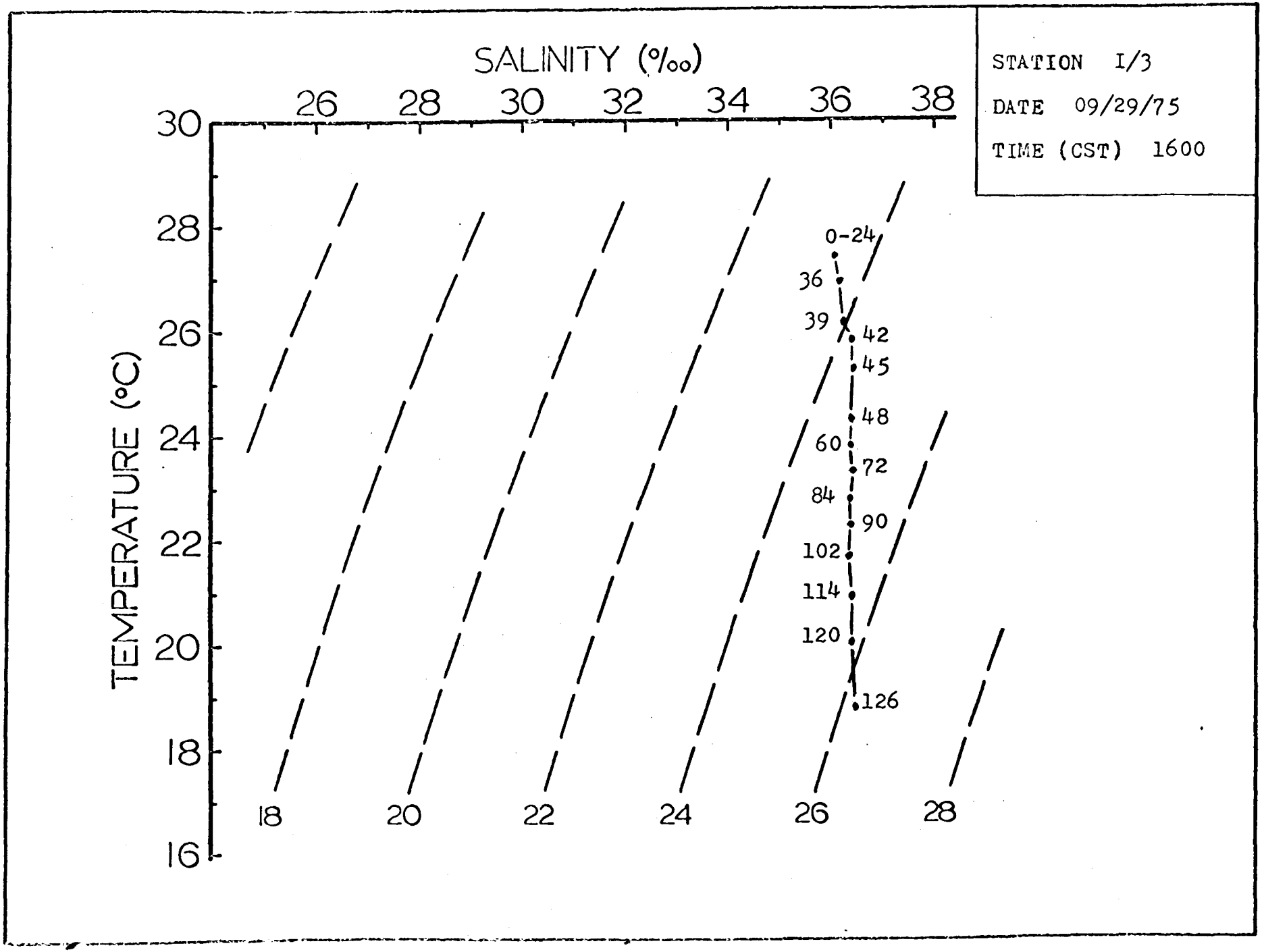
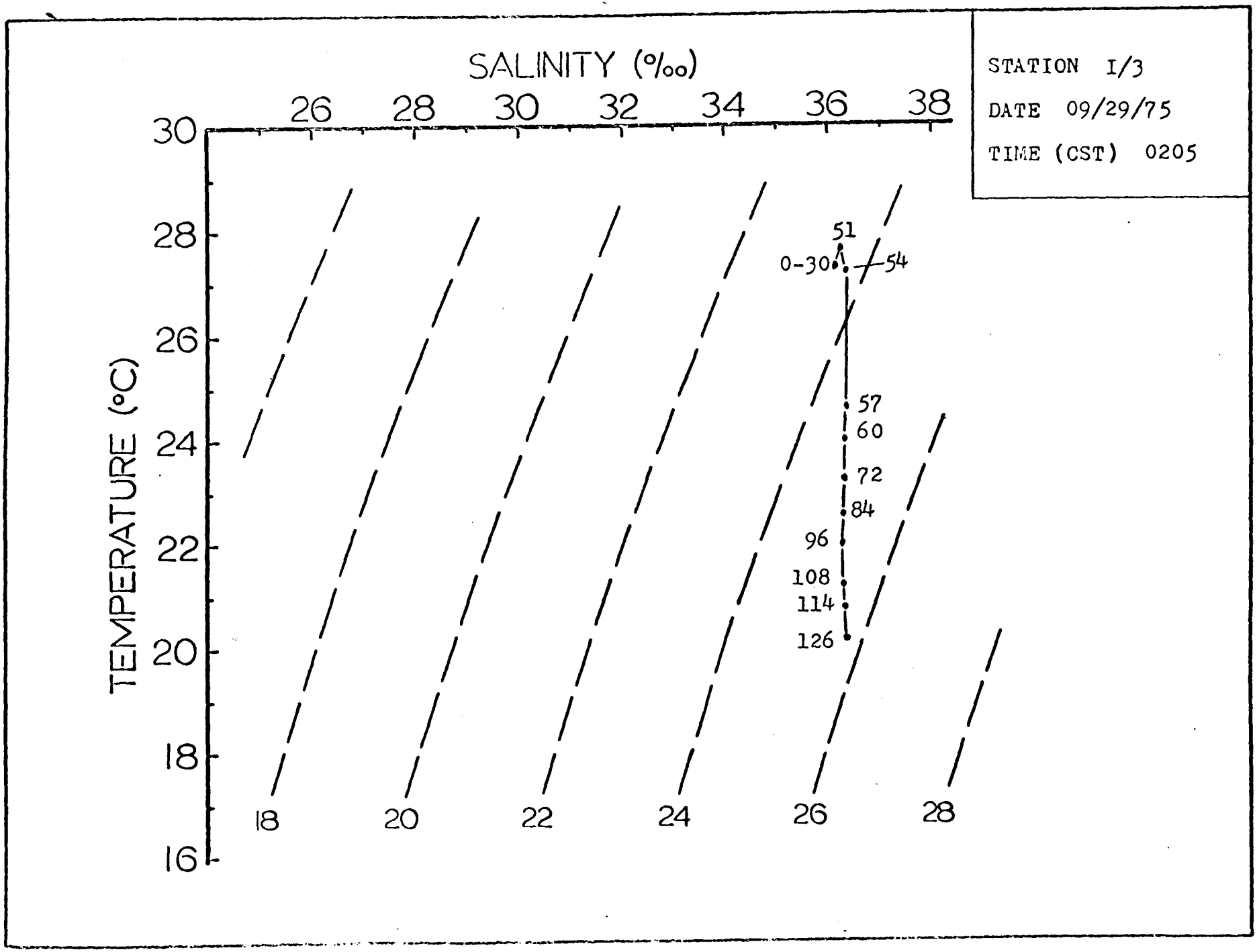
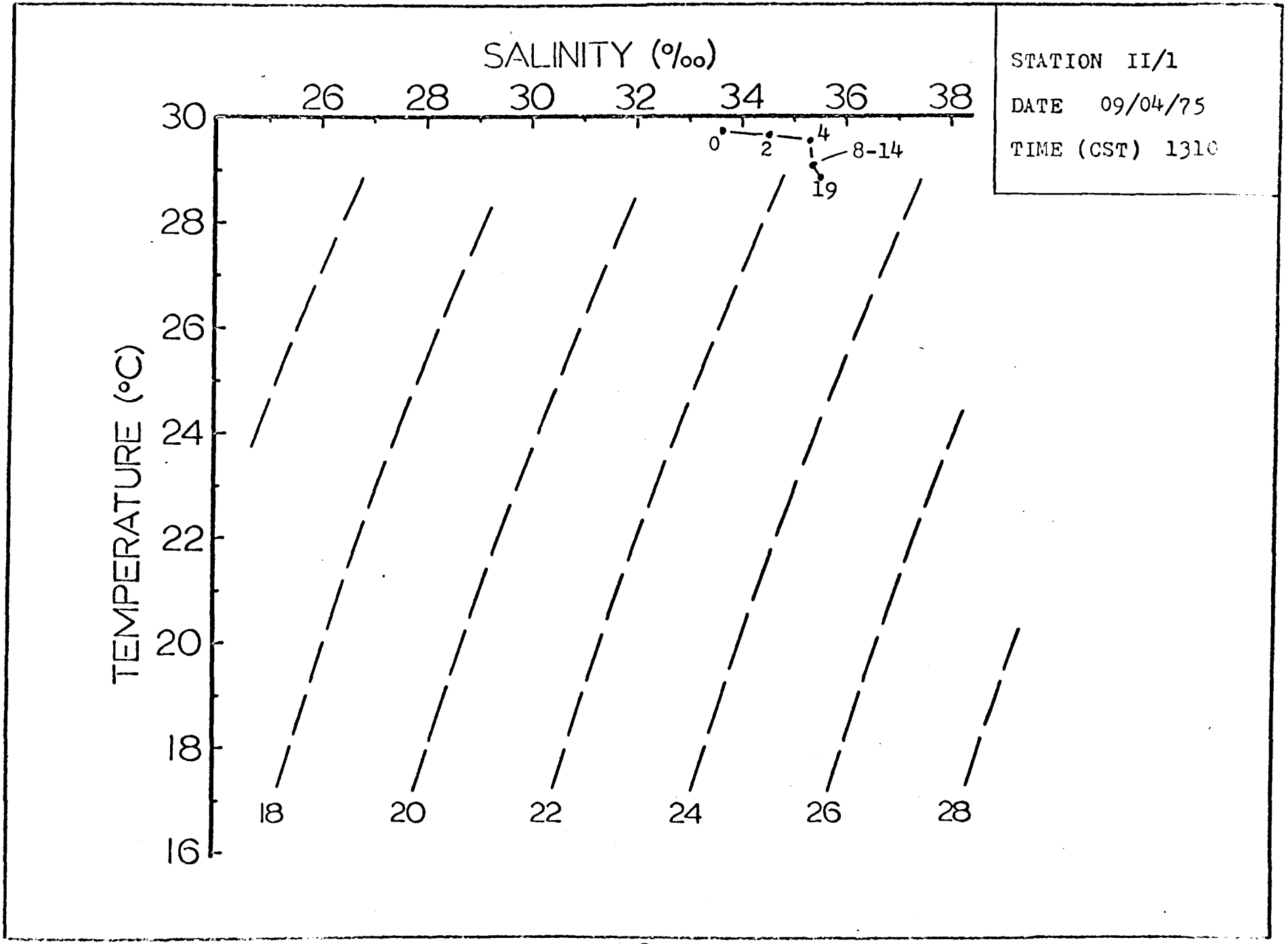
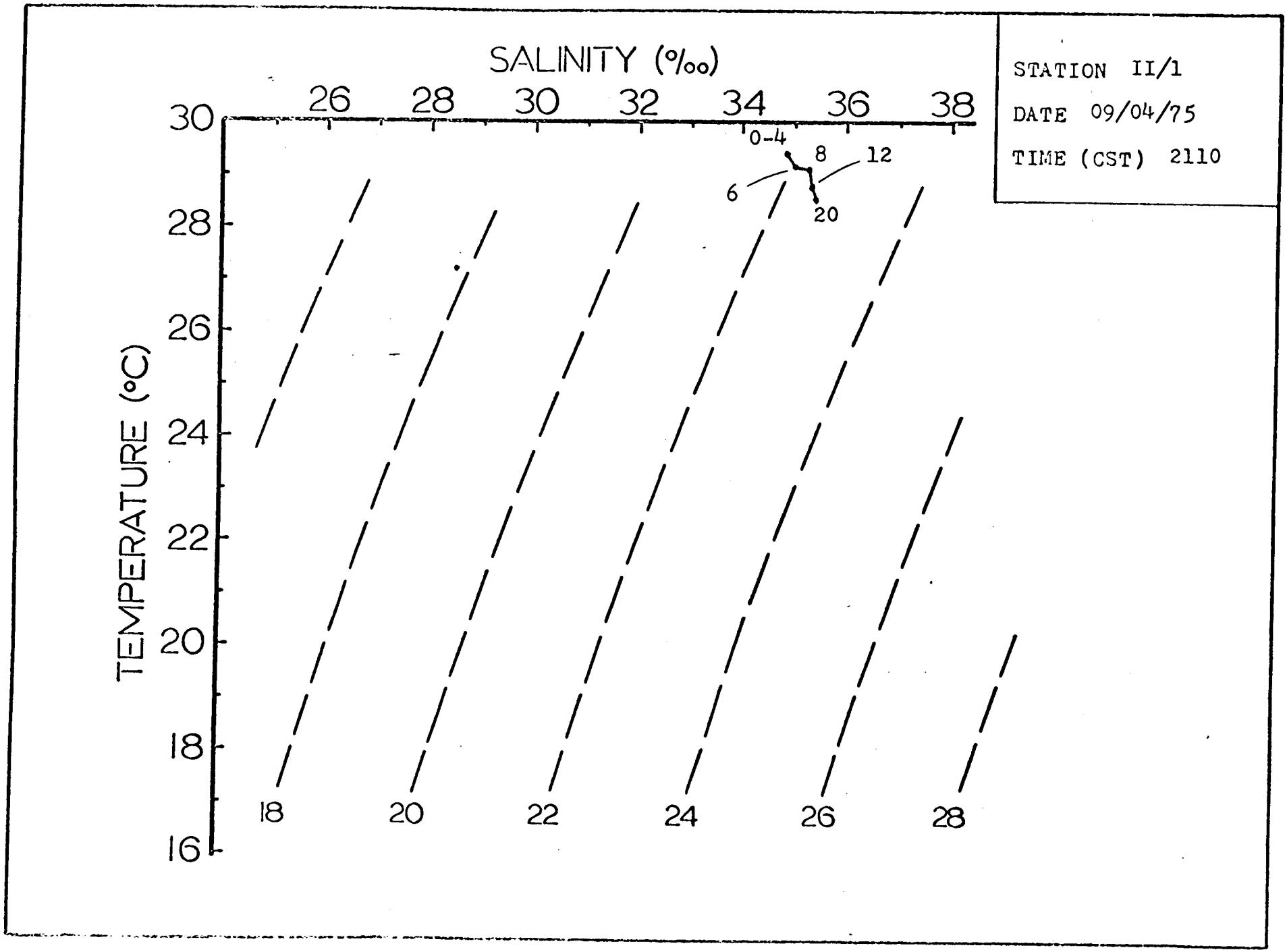
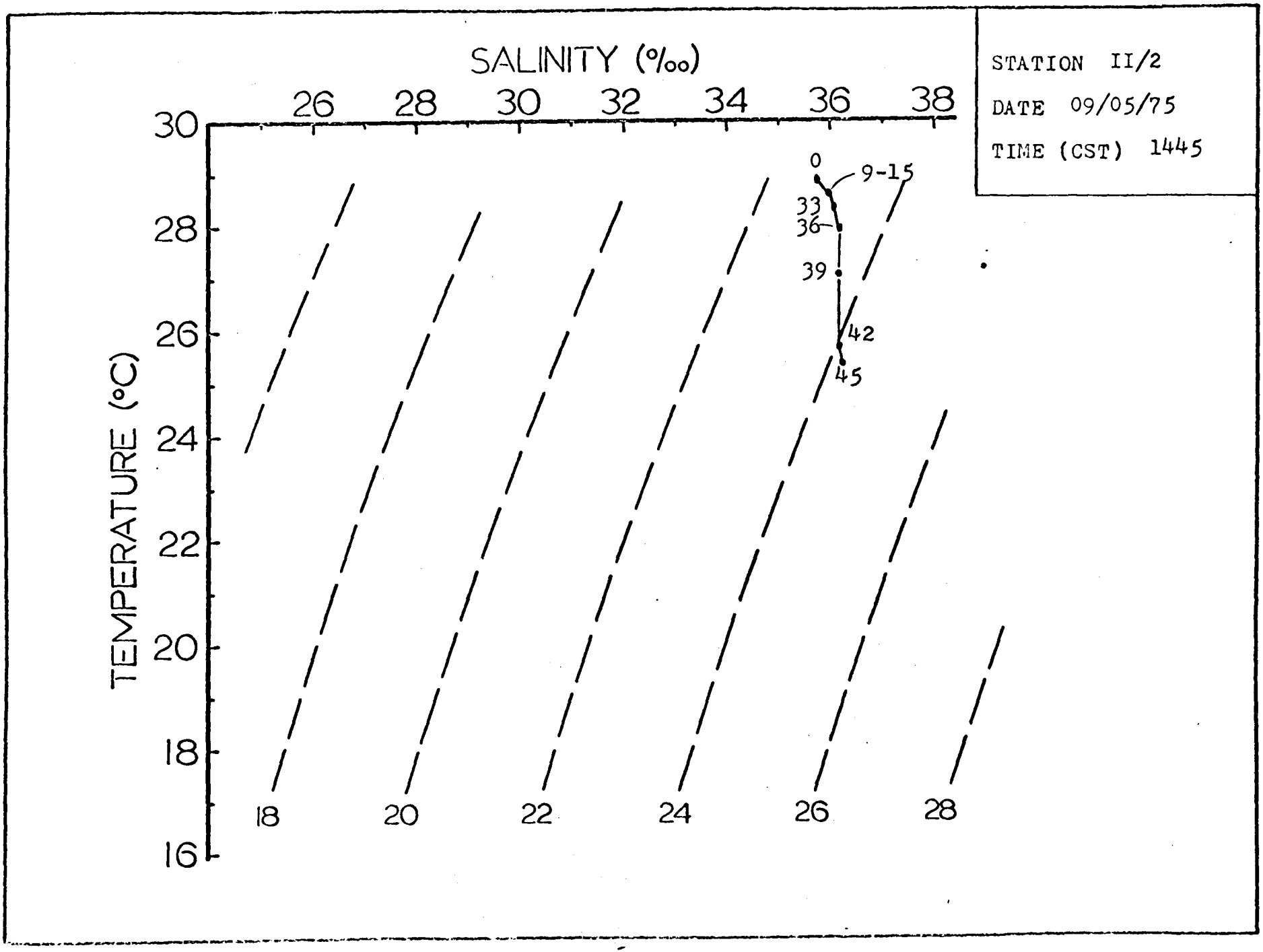
28
26
24
22
20
18
16
0-39
18
20
22
24
26
28
STATION I/2
DATE 09/29/75
TIME (CST) 2225

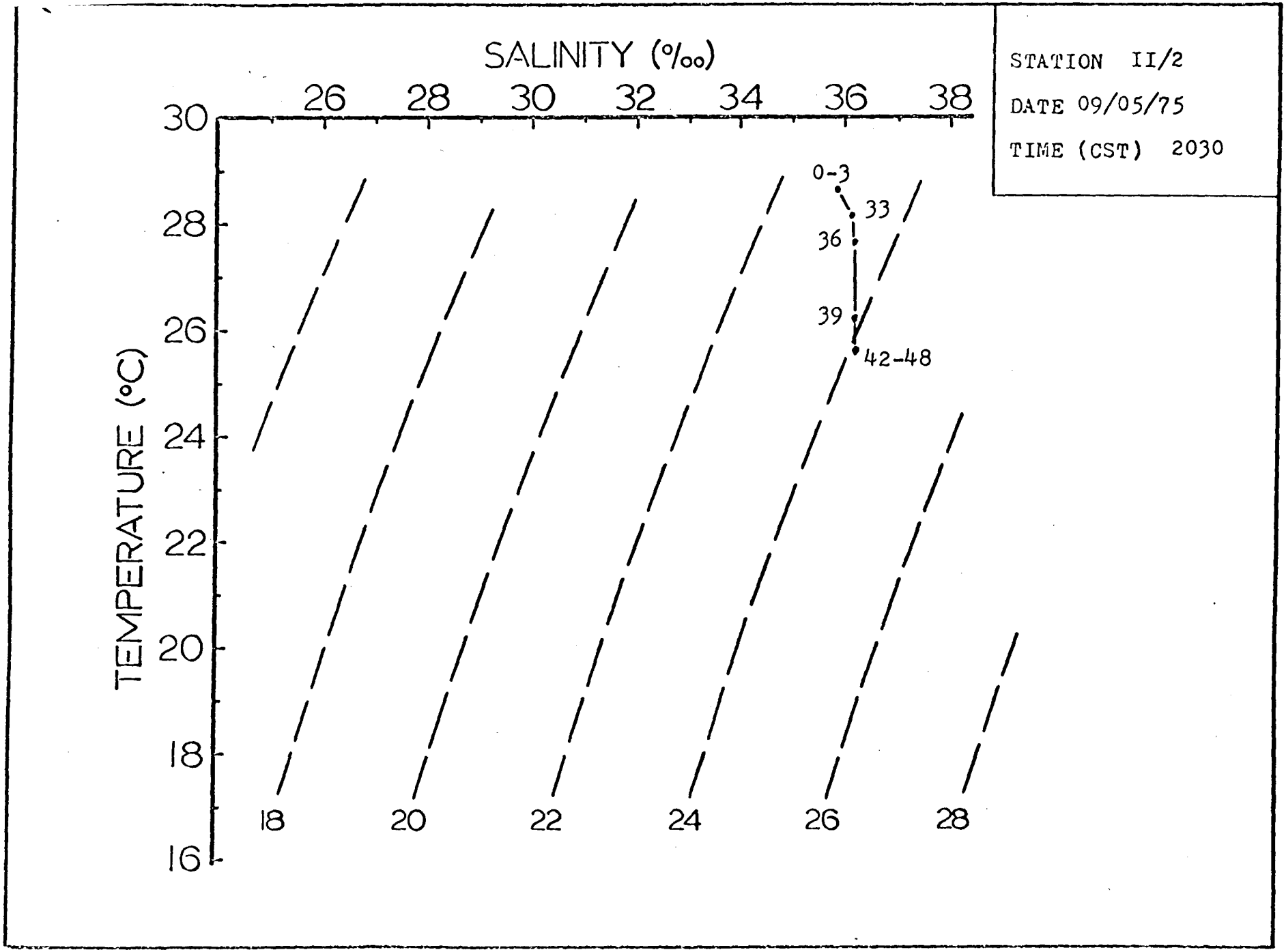

SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
18
20
22
24
26
28
STATION I/3
DATE 09/29/75
TIME (CST) 1600
0-24
36
39
42
45
48
60
72
84
90
102
114
120
126

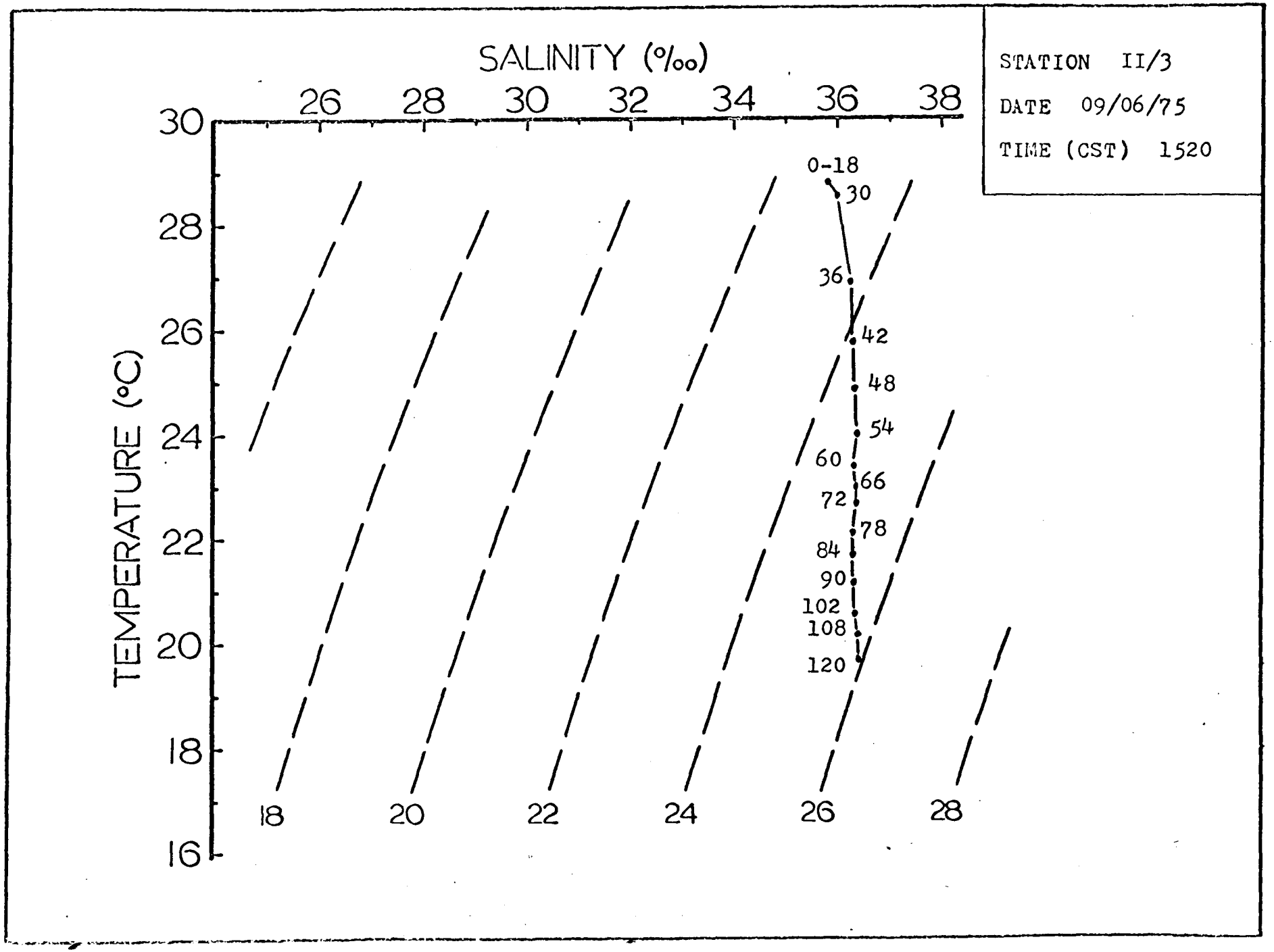

SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
18
20
22
24
26
28
STATION I/3
DATE 09/29/75
TIME (CST) 0205
51
0-30
54
57
60
72
84
96
108
114
126

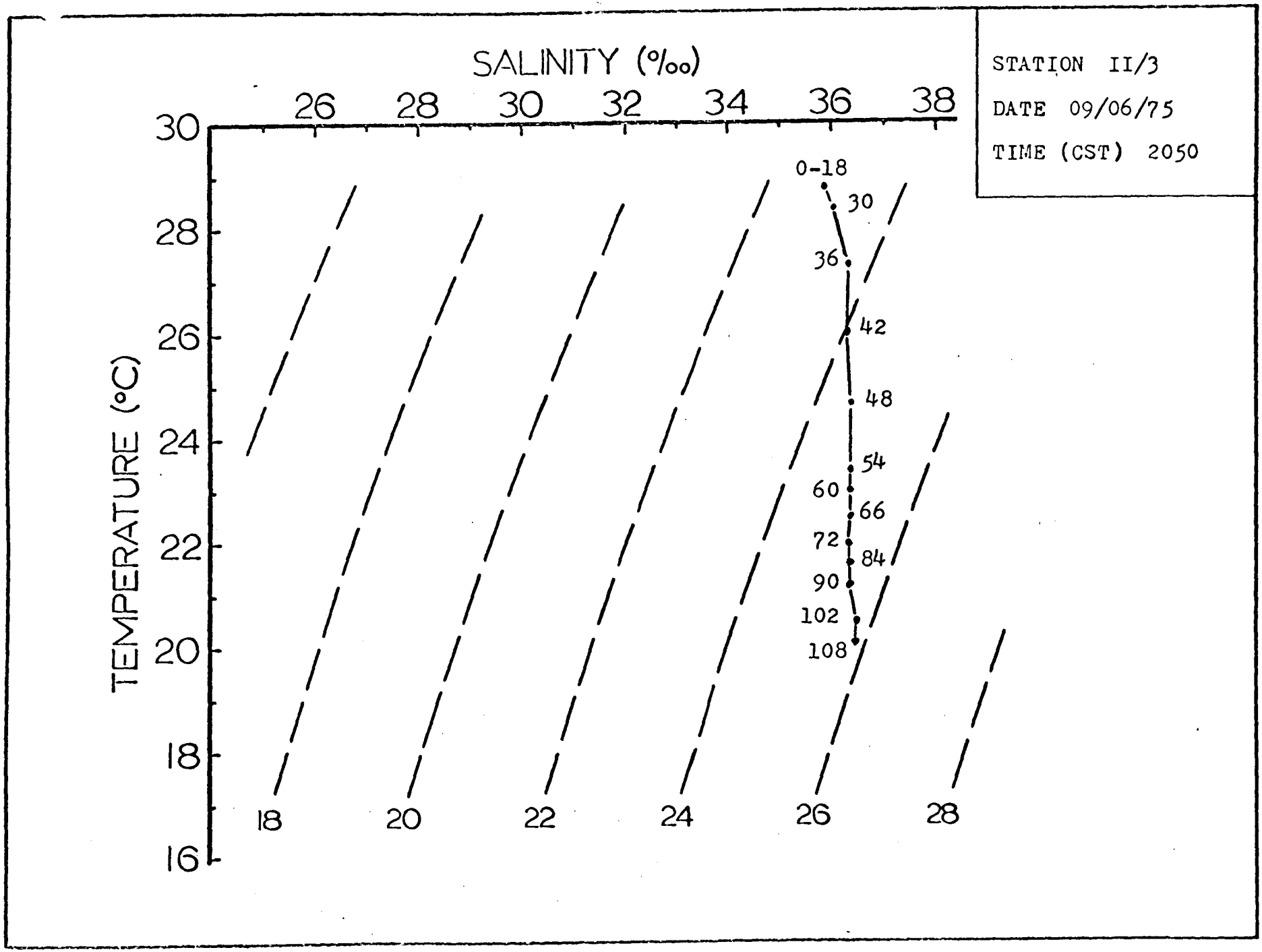

SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
0
2
4
8-14
19
18
20
22
24
26
28
STATION II/1
DATE 09/04/75
TIME (CST) 1310

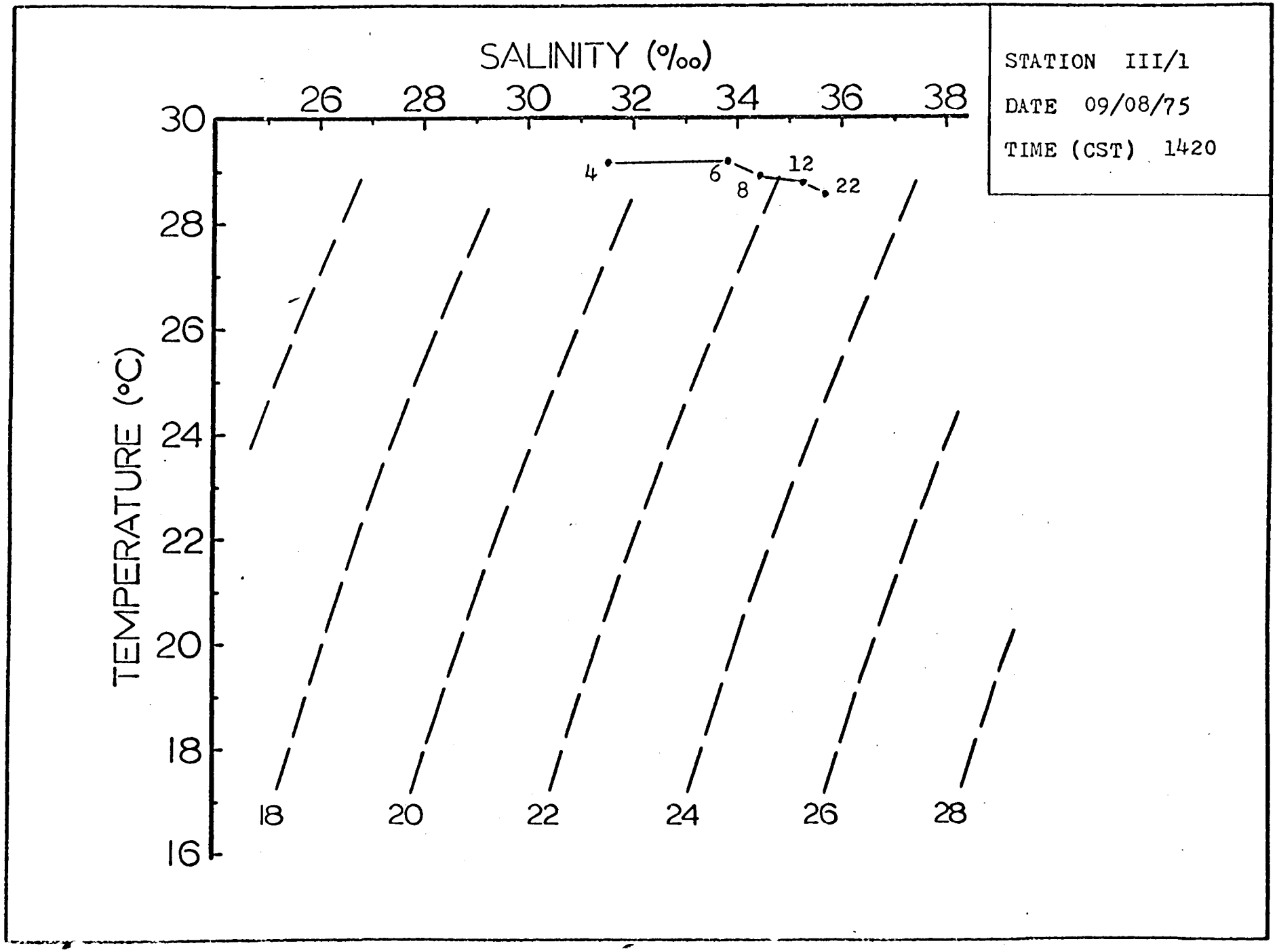

SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
0-4
8
12
6
20
18
20
22
24
26
28
STATION II/1
DATE 09/04/75
TIME (CST) 2110

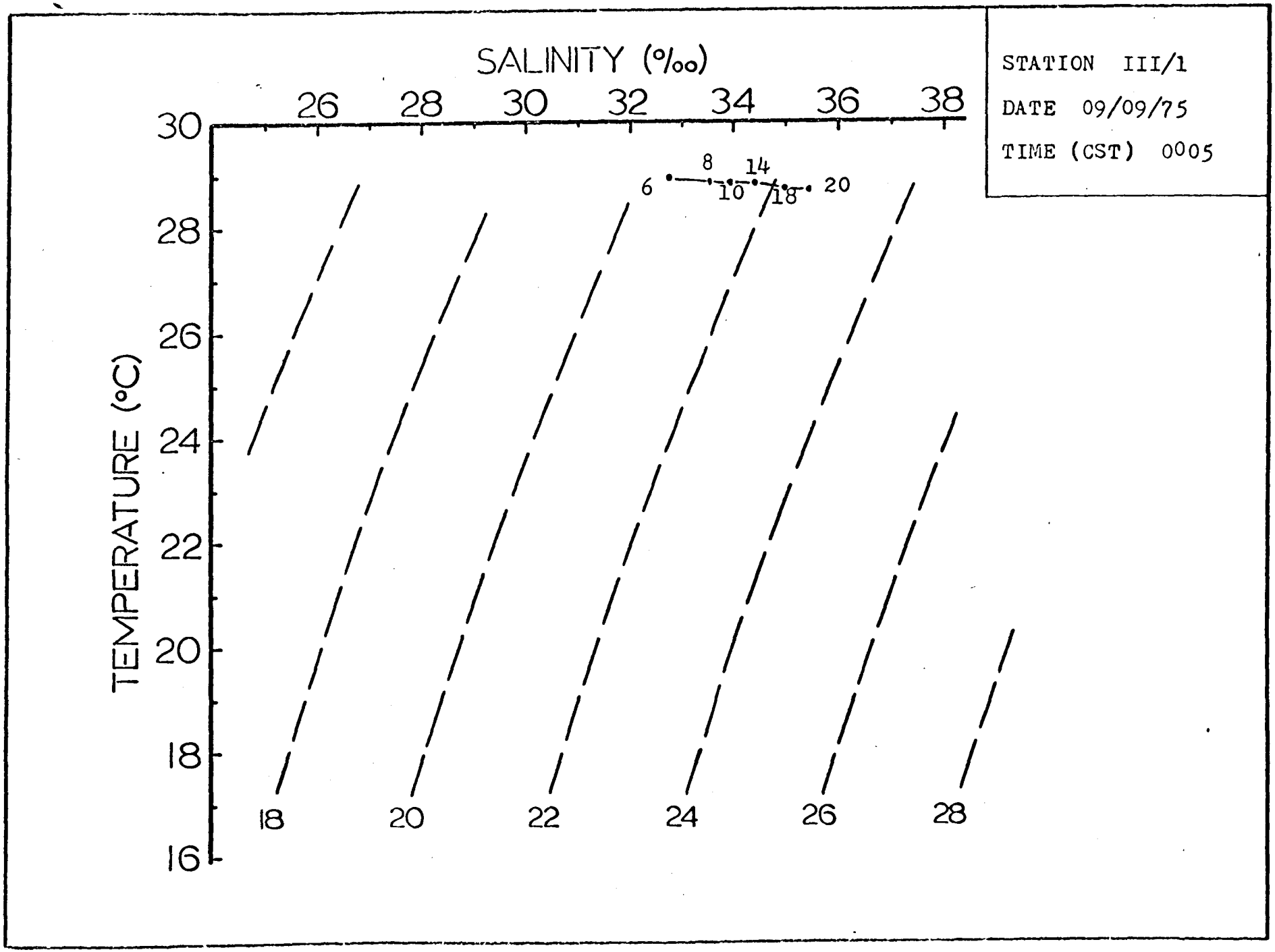

SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
18
20
22
24
26
28
0
9-15
33
36
39
42
45
STATION II/2
DATE 09/05/75
TIME (CST) 1445

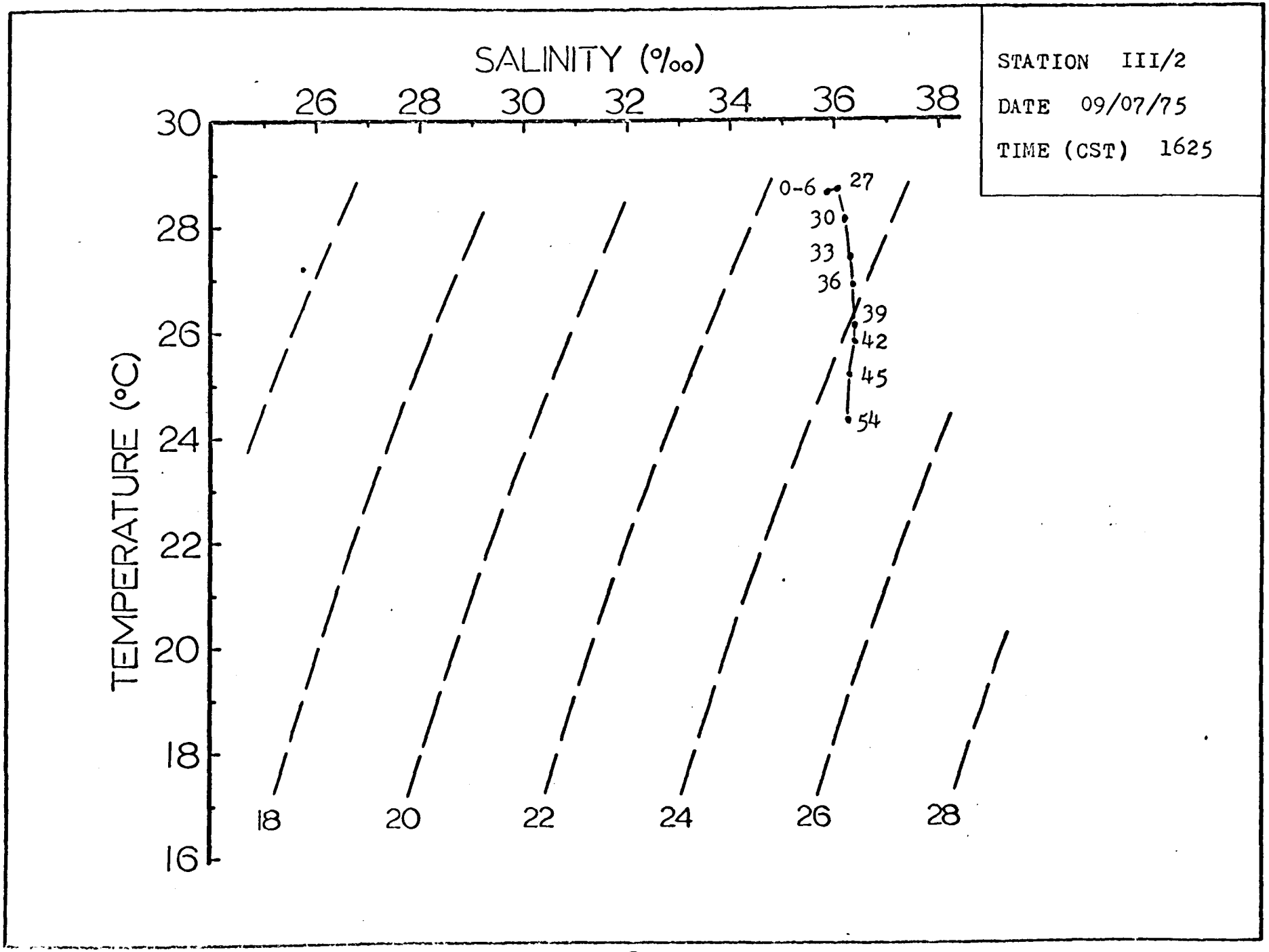

SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
18
20
22
24
26
28
0-3
33
36
39
42-48
STATION II/2
DATE 09/05/75
TIME (CST) 2030

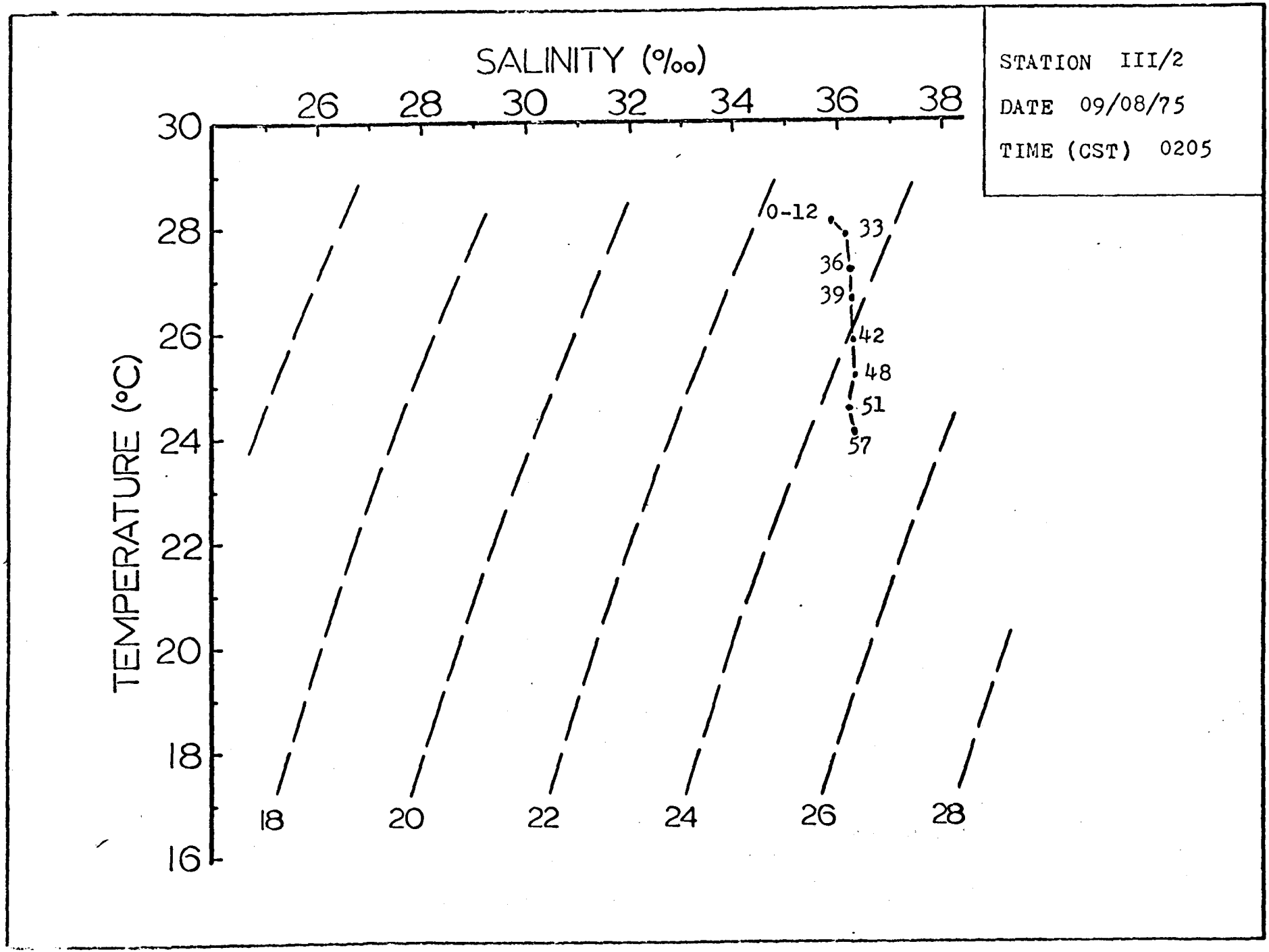

SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
18
20
22
24
26
28
0-18
30
36
42
48
54
60
66
72
78
84
90
102
108
120
STATION II/3
DATE 09/06/75
TIME (CST) 1520

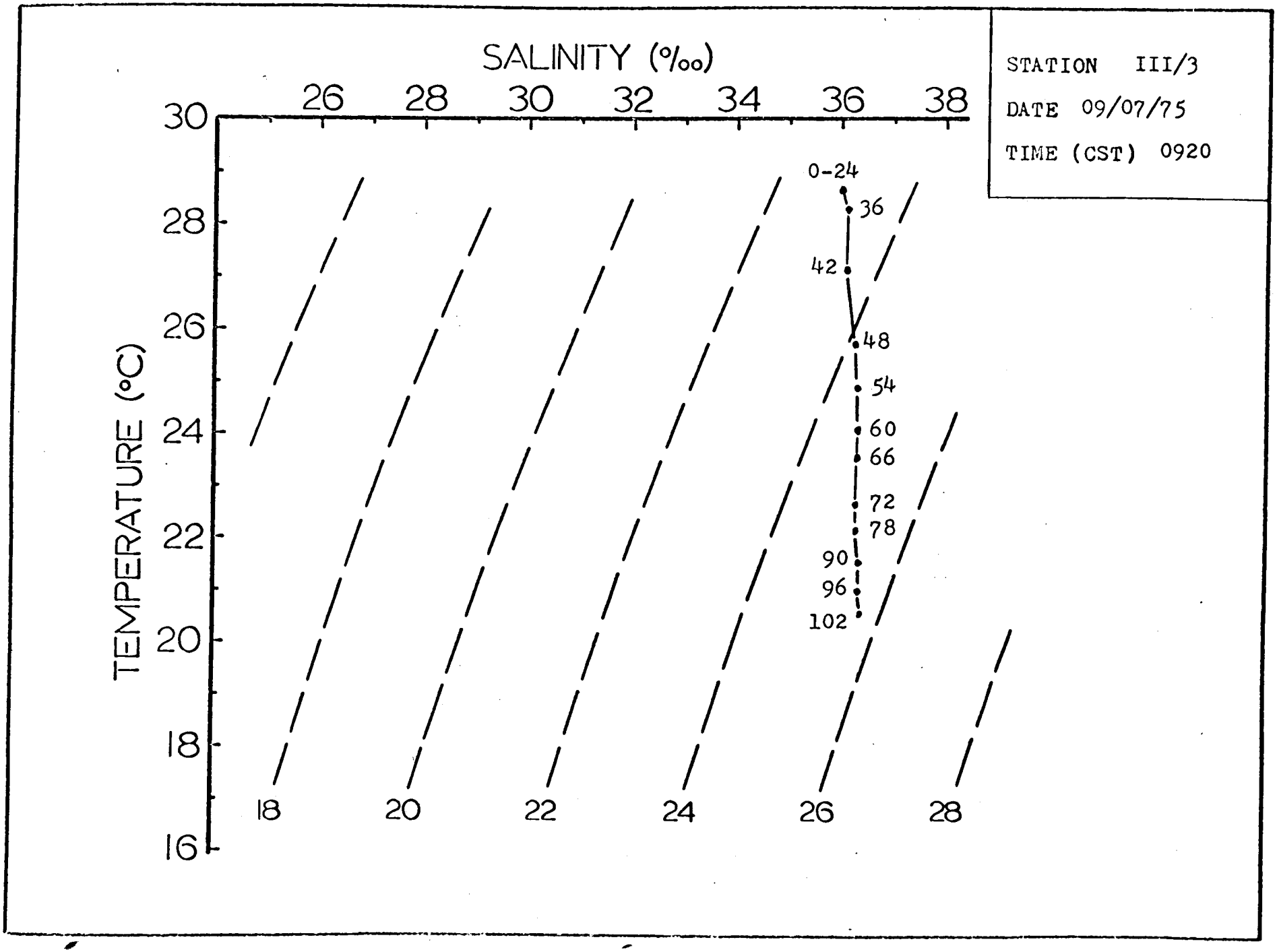

SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
18
20
22
24
26
28
0-18
30
36
42
48
54
60
66
72
84
90
102
108
STATION II/3
DATE 09/06/75
TIME (CST) 2050

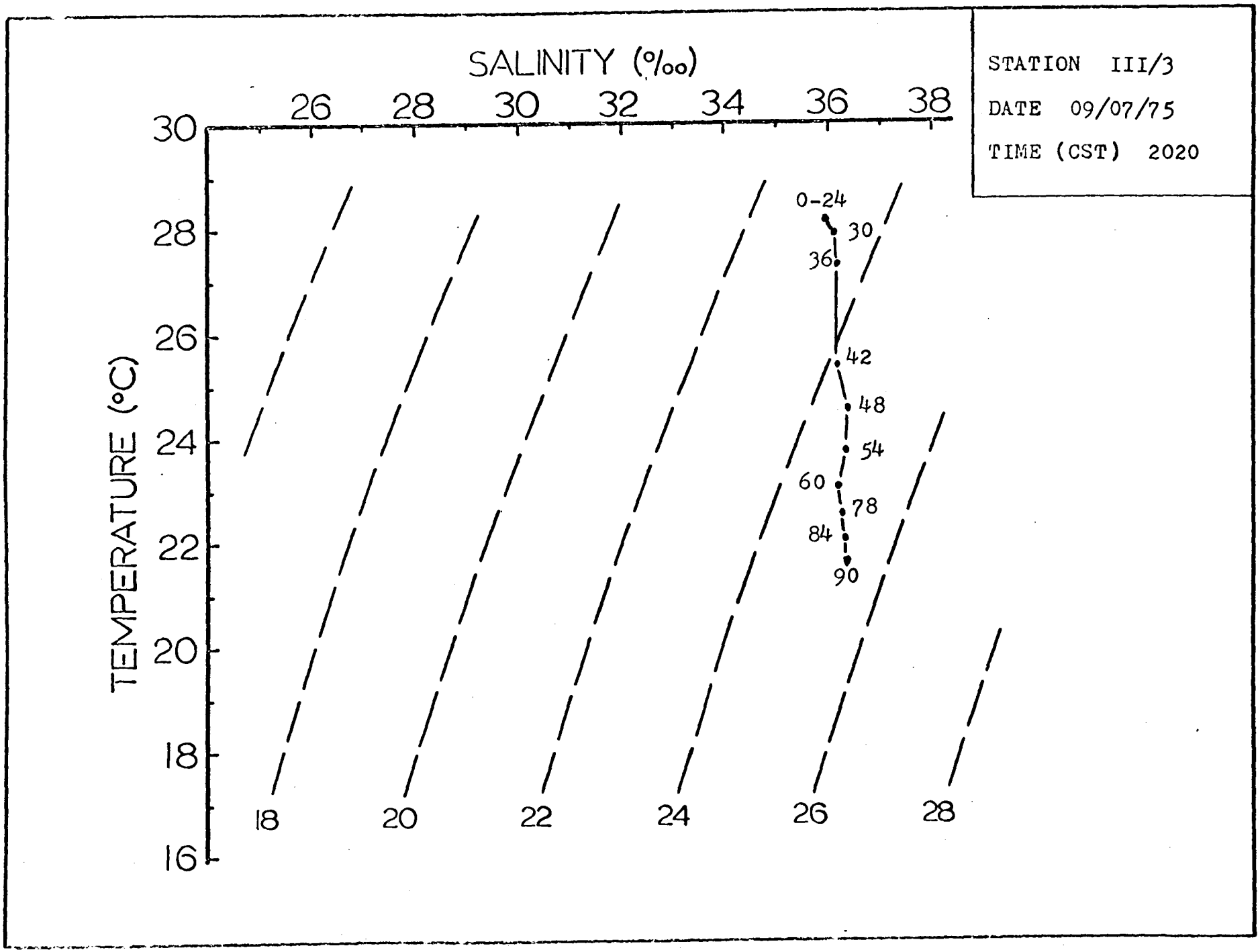

SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
4
6
8
12
22
18
20
22
24
26
28
STATION III/1
DATE 09/08/75
TIME (CST) 1420

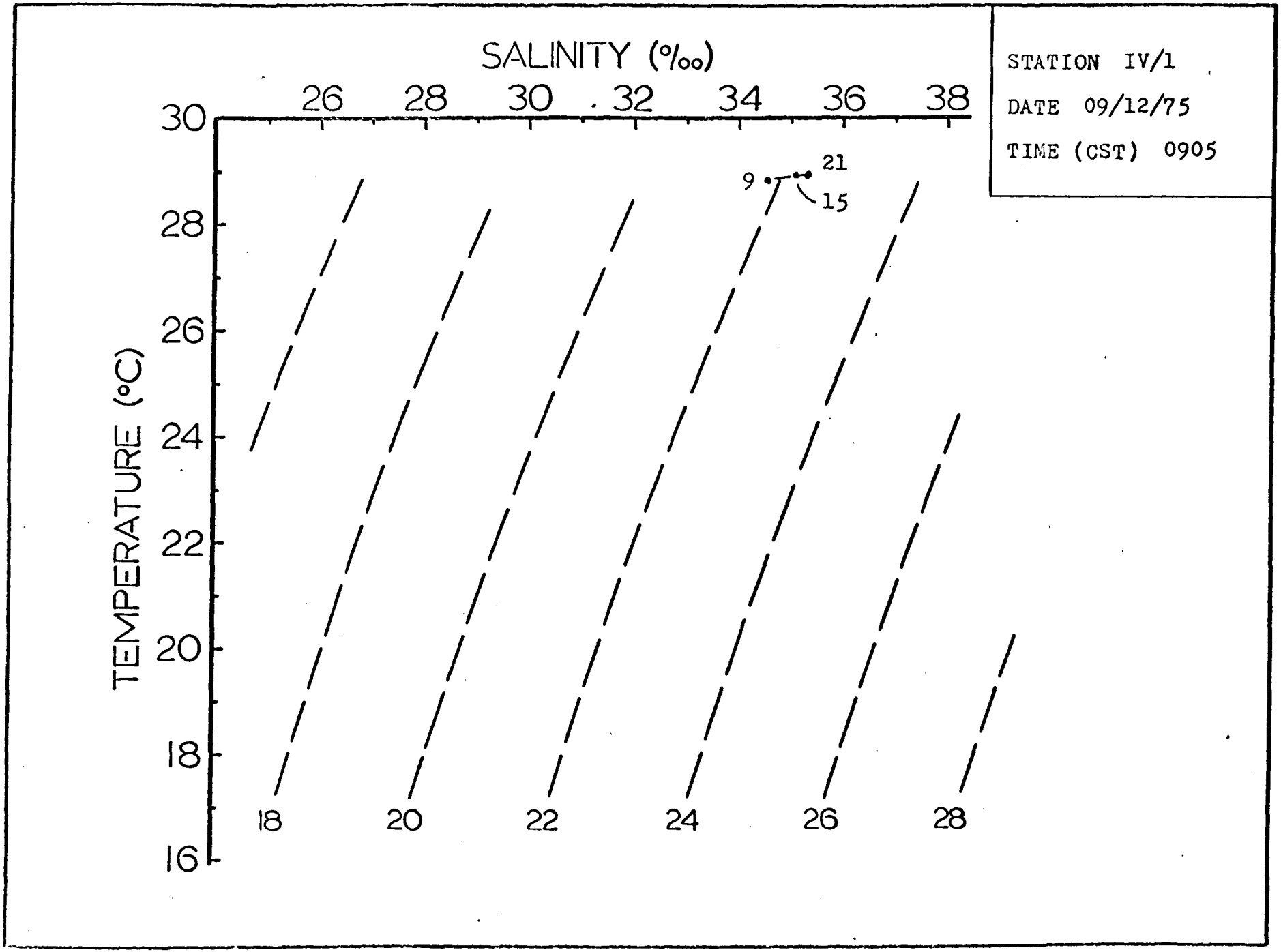

SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
6
8
10
14
18
20
18
20
22
24
26
28
STATION III/1
DATE 09/09/75
TIME (CST) 0005

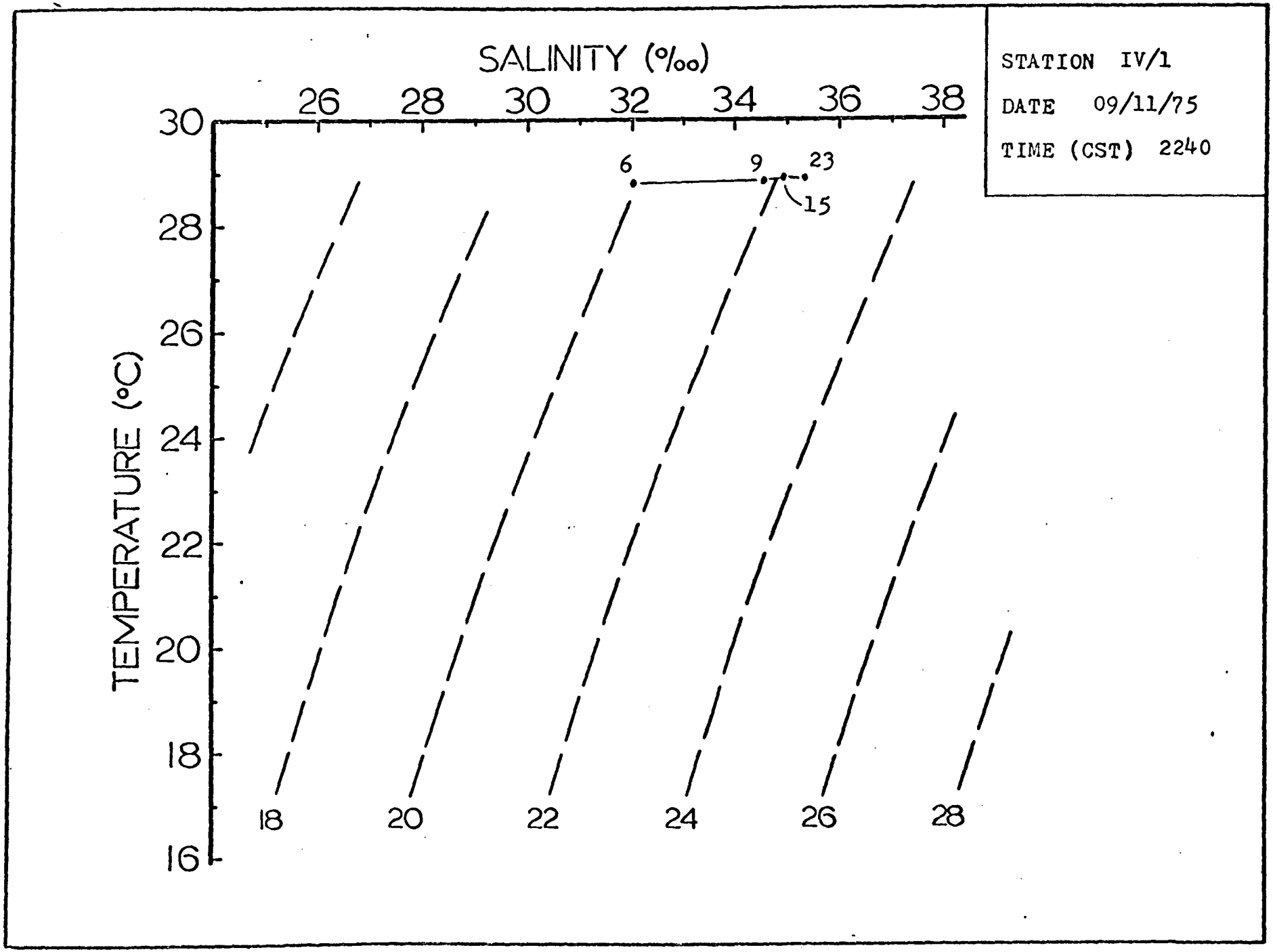

SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
18
20
22
24
26
28
0-6
27
30
33
36
39
42
45
54
STATION III/2
DATE 09/07/75
TIME (CST) 1625

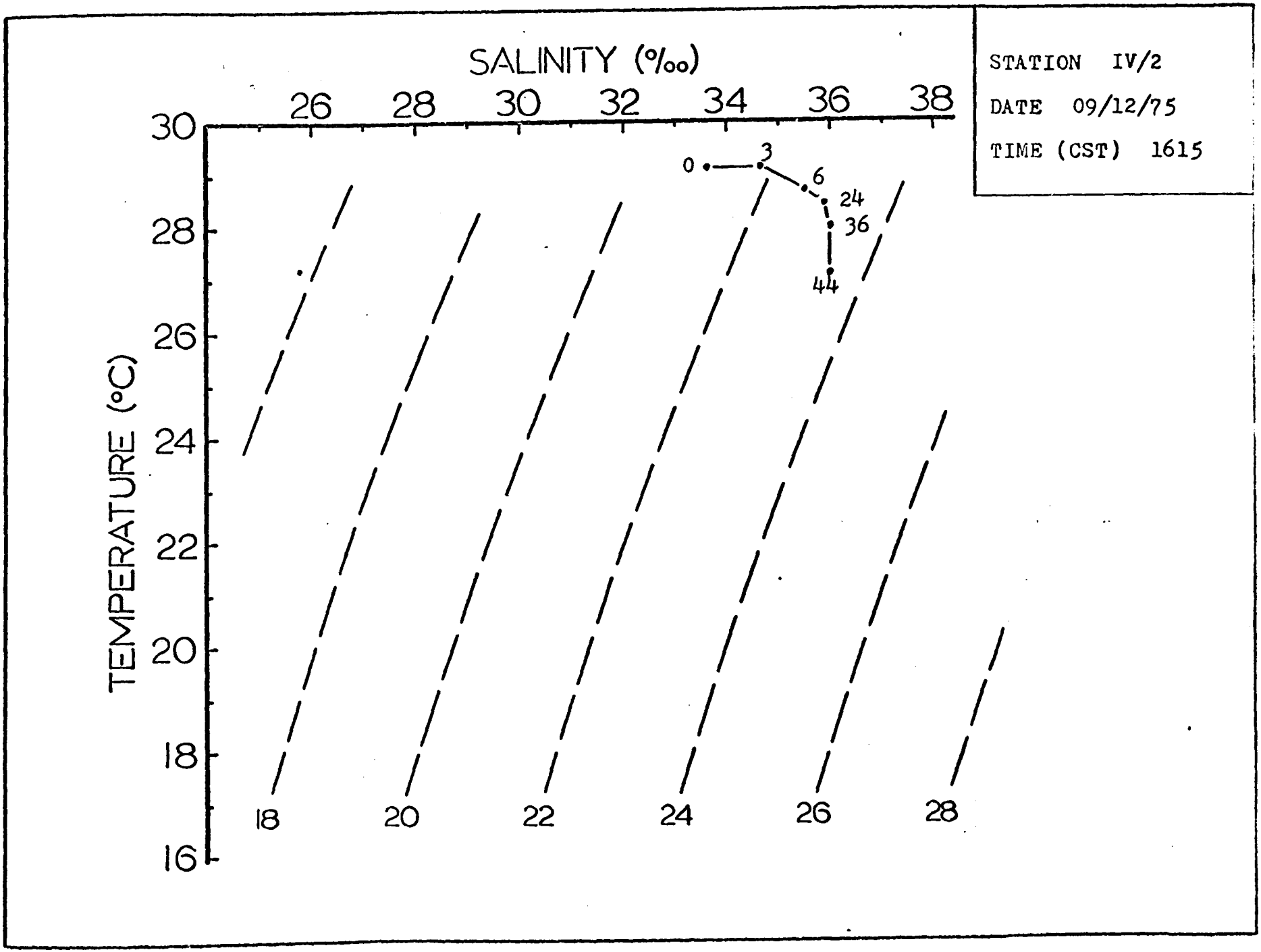

SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
18
20
22
24
26
28
0-12
33
36
39
42
48
51
57
STATION III/2
DATE 09/08/75
TIME (CST) 0205

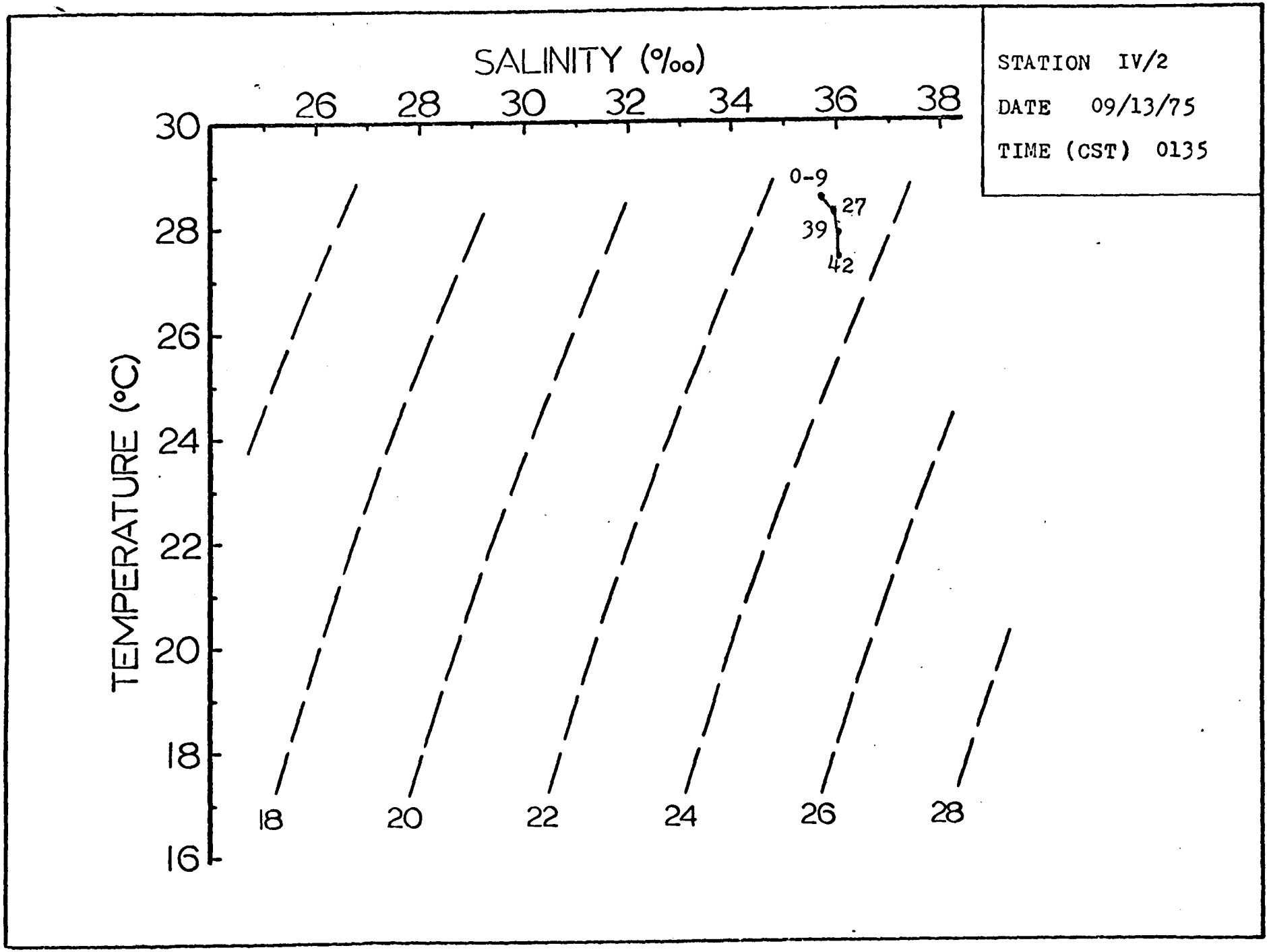

SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
18
20
22
24
26
28
0-24
36
42
48
54
60
66
72
78
90
96
102
STATION III/3
DATE 09/07/75
TIME (CST) 0920

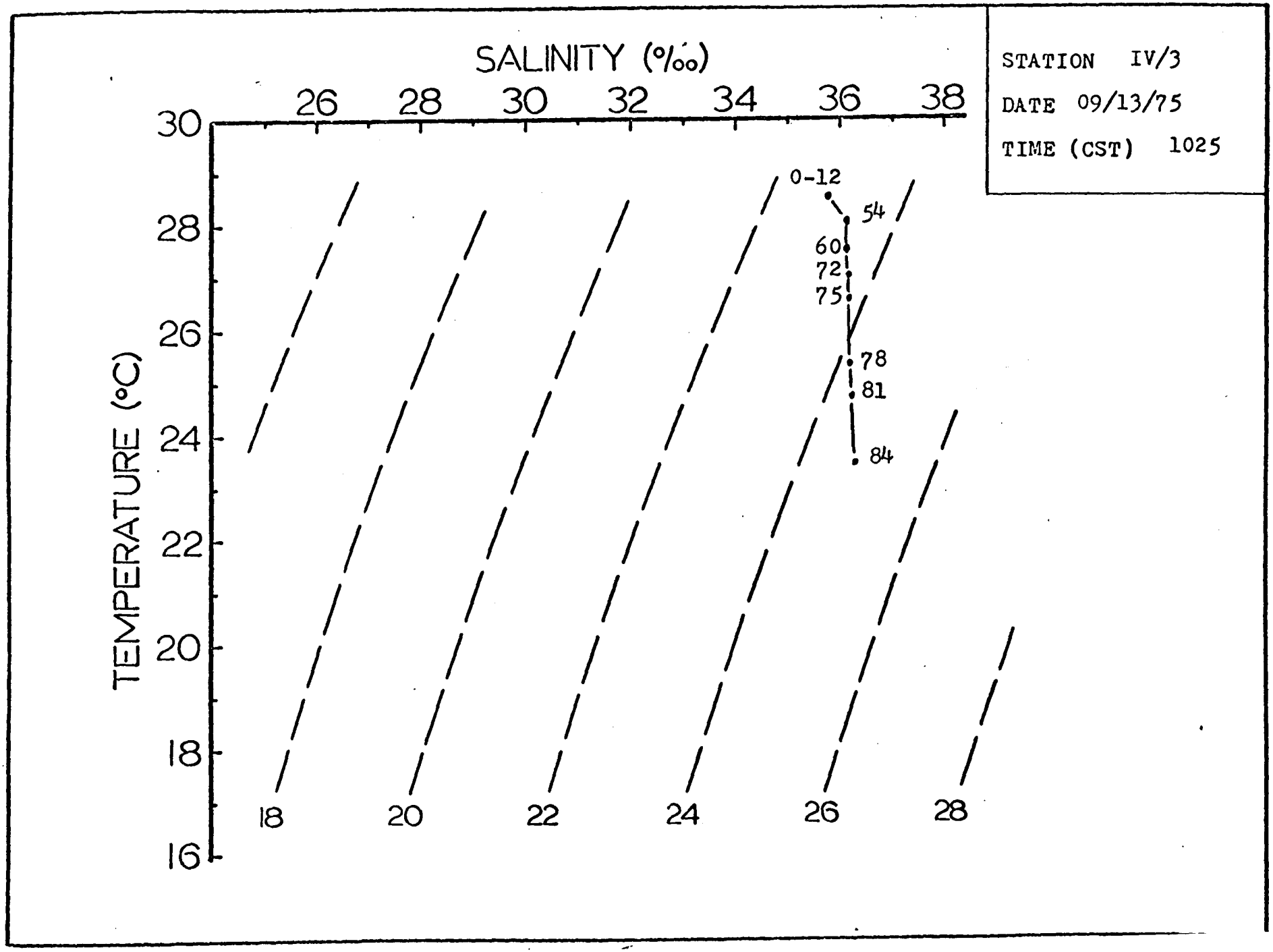

SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
18
20
22
24
26
28
0-24
30
36
42
48
54
60
78
84
90
STATION III/3
DATE 09/07/75
TIME (CST) 2020

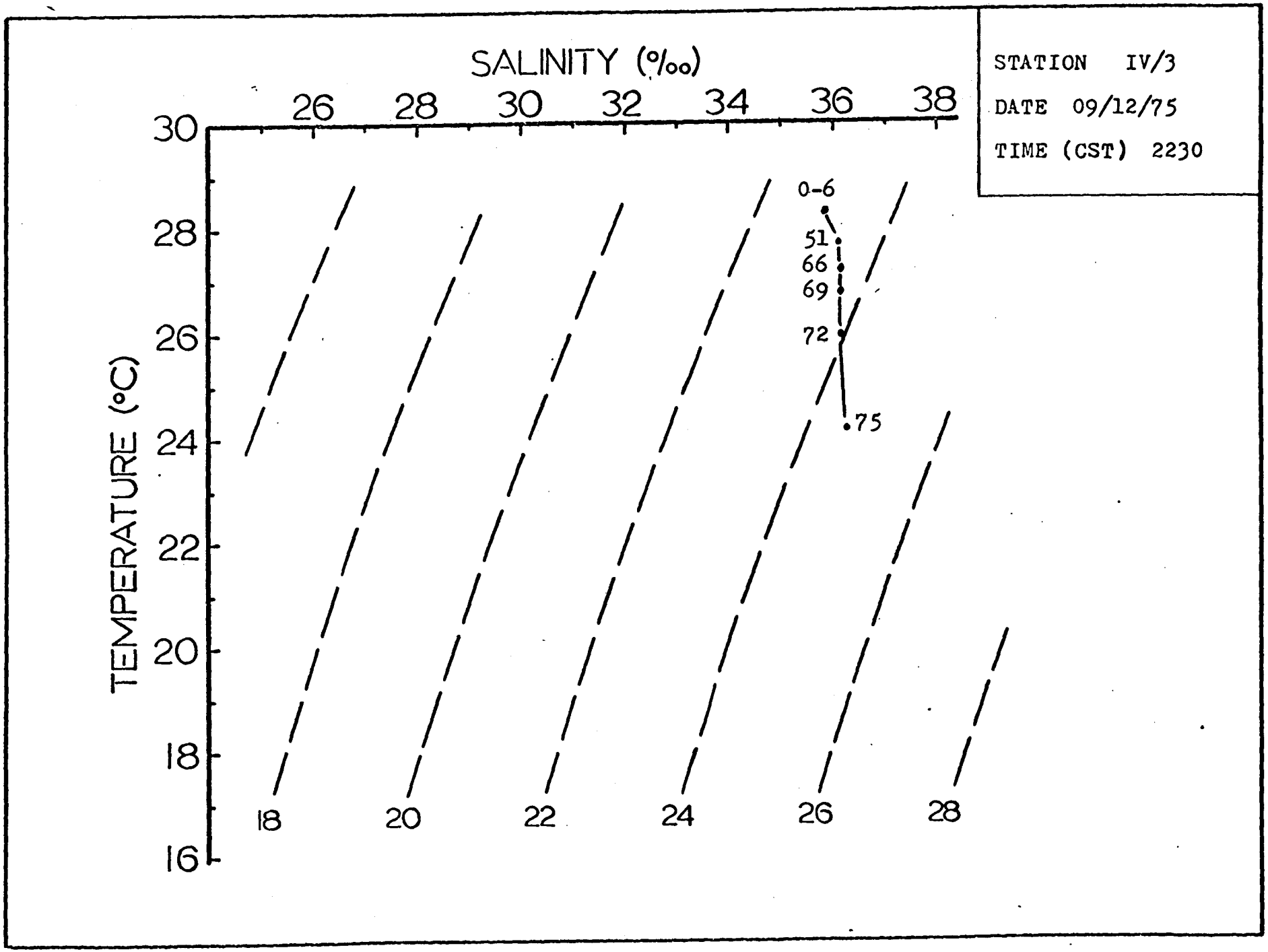

SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
18
20
22
24
26
28
9
21
15
STATION IV/1
DATE 09/12/75
TIME (CST) 0905


SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
18
20
22
24
26
28
6
9
23
15
STATION IV/1
DATE 09/11/75
TIME (CST) 2240


SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
0
3
6
24
36
44
18
20
22
24
26
28
STATION IV/2
DATE 09/12/75
TIME (CST) 1615


SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
18
20
22
24
26
28
0-9
27
39
42
STATION IV/2
DATE 09/13/75
TIME (CST) 0135


SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
0-12
54
60
72
75
78
81
84
18
20
22
24
26
28
STATION IV/3
DATE 09/13/75
TIME (CST) 1025


STATION IV/3
DATE 09/12/75
TIME (CST) 2230
SALINITY (‰)
26
28
30
32
34
36
38
TEMPERATURE (°C)
30
28
26
24
22
20
18
16
0-6
51
66
69
72
75
18
20
22
24
26
28

APPENDIX III

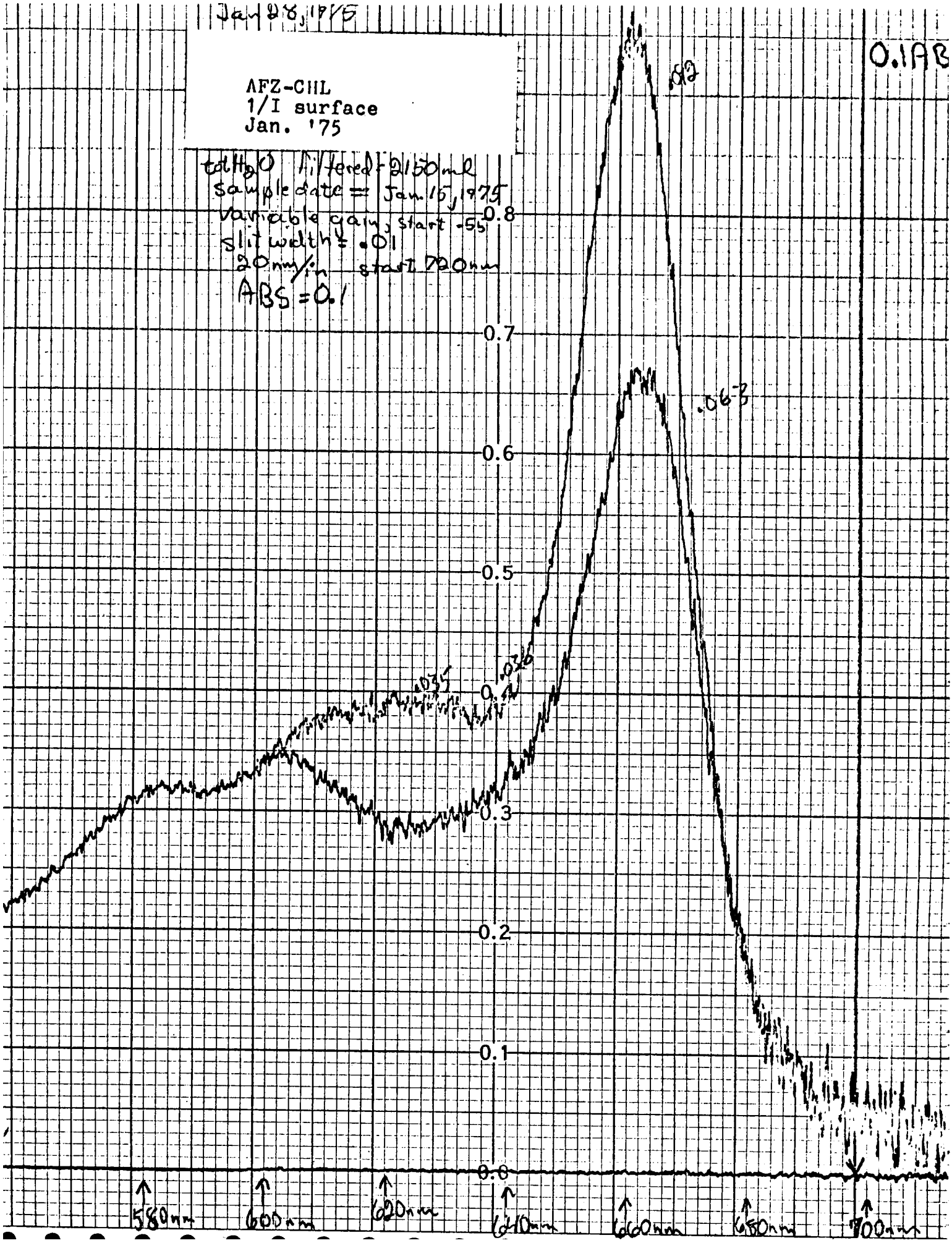
Absorbance curves for Chlorophyll a Determination for BLM Baseline Studies, December 1974 through September 1975.

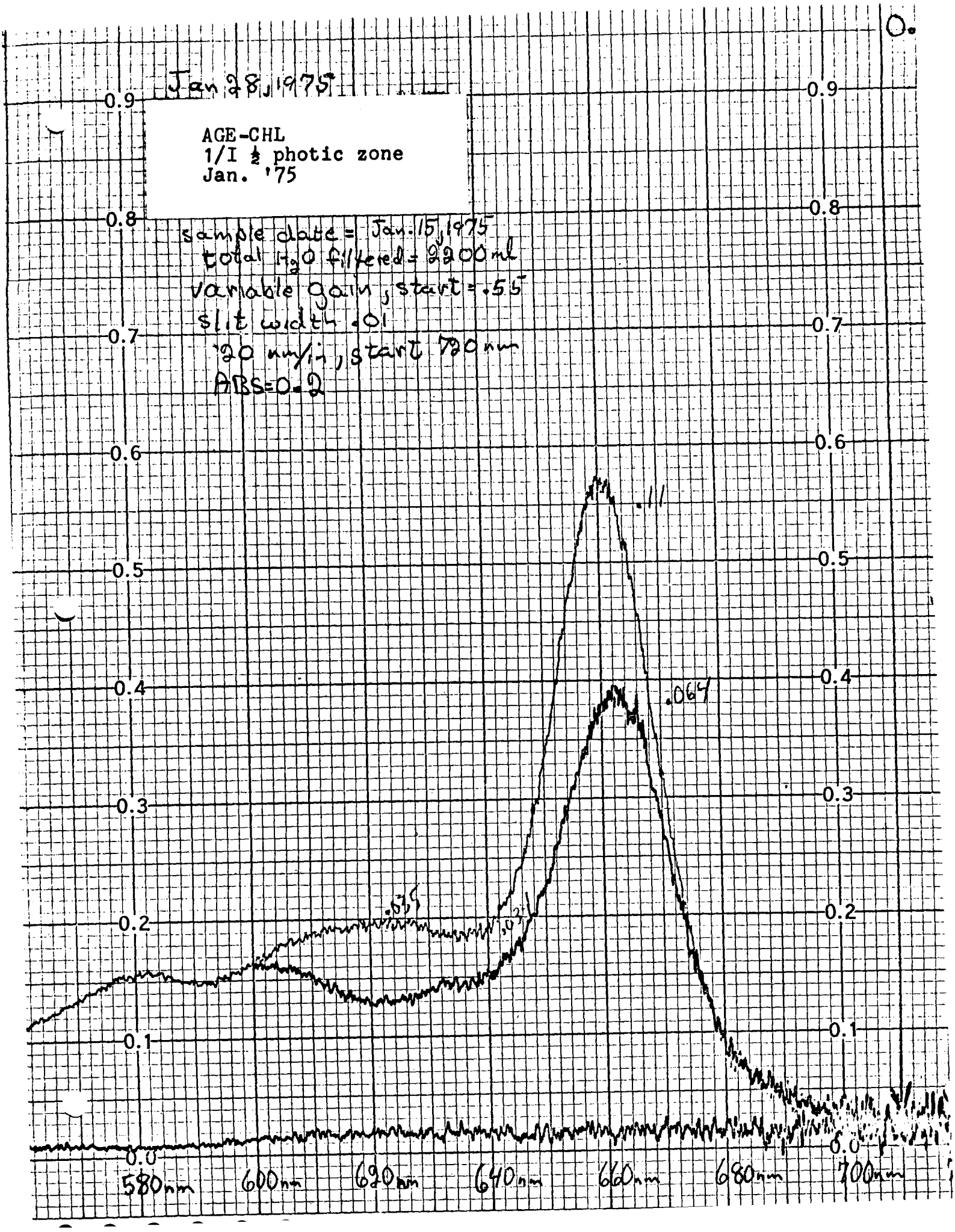
In all cases the bottom scale is the wave length in nm, the full scale absorbance range for each curve is indicated by a notation on each figure. Thus 0.1AB on a figure indicates that the curve was recorded using an absorbance range setting of 0.1 on the Cary 118C Spectrophotometer.

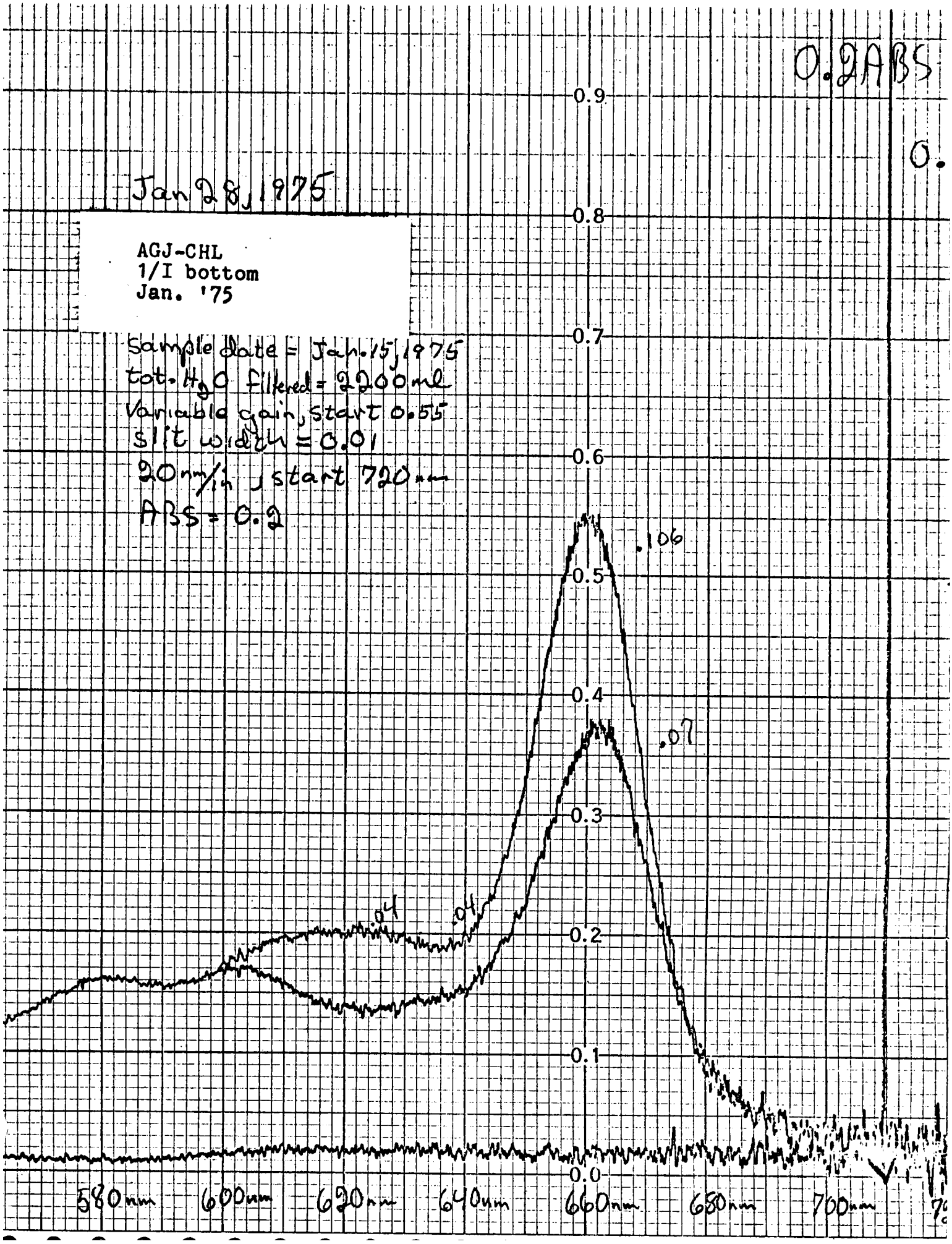
The upper curve on each figure is the sample run after extraction and filtering; the lower curve is the same sample after acidification (HCl).

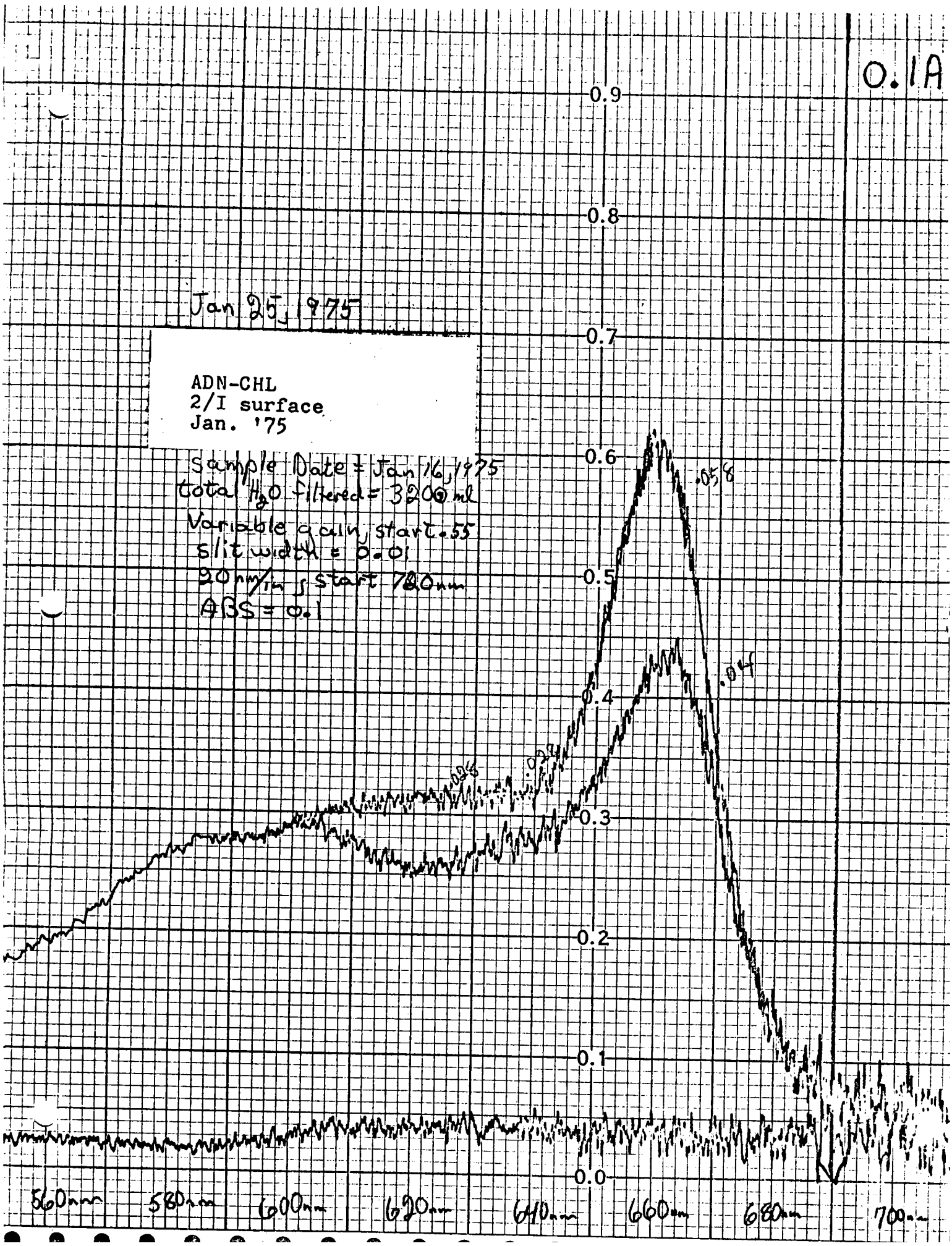
These are the raw data from which the chlorophyll a values were calculated in Table 3 of the January 1976 report to the BLM. They are included as an appendix since it may be of interest to have the original data if other calculations are desired.

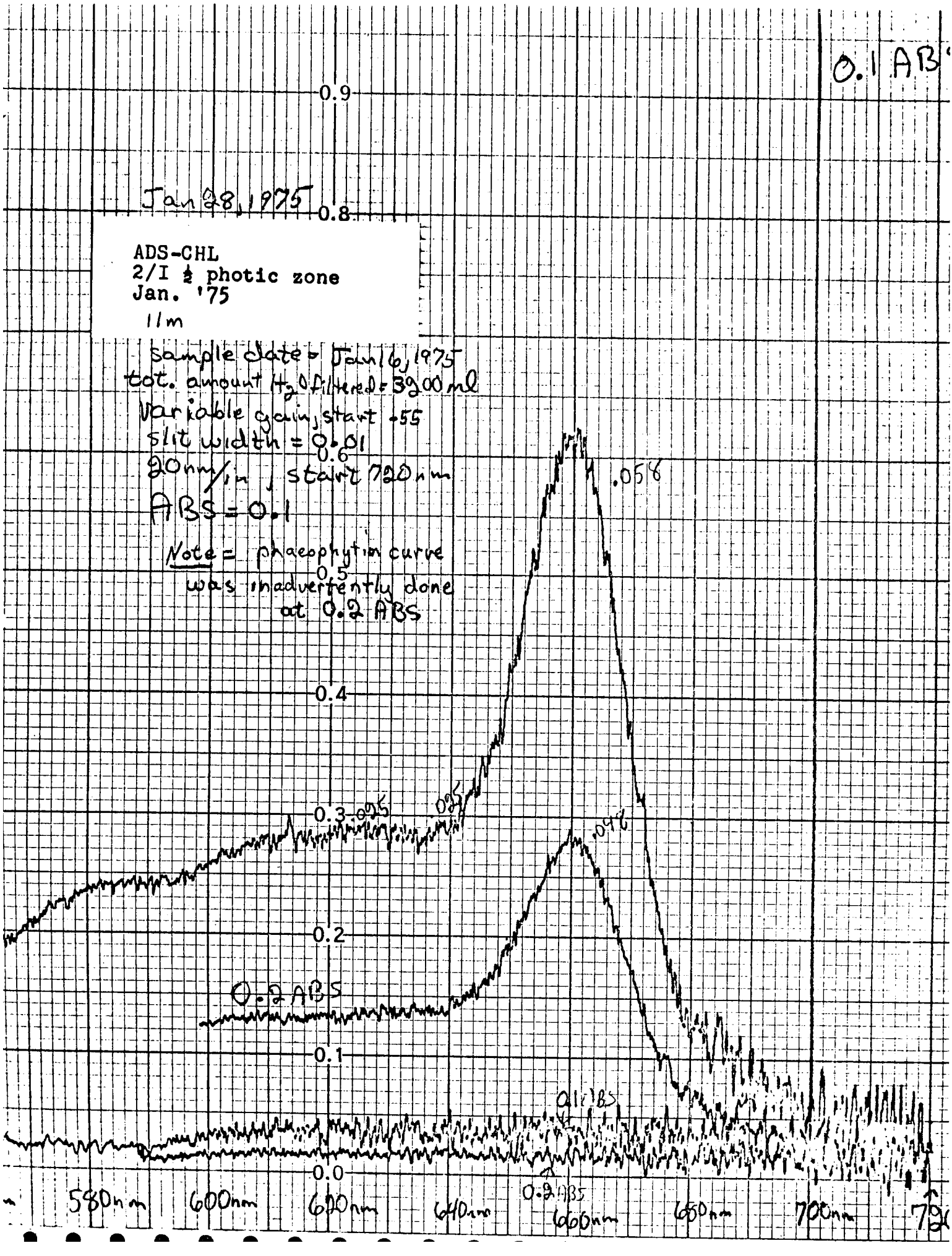
The ATP measurements are relative measurements to standards run at the same time as the samples, and as such are not useful to include in an Appendix.

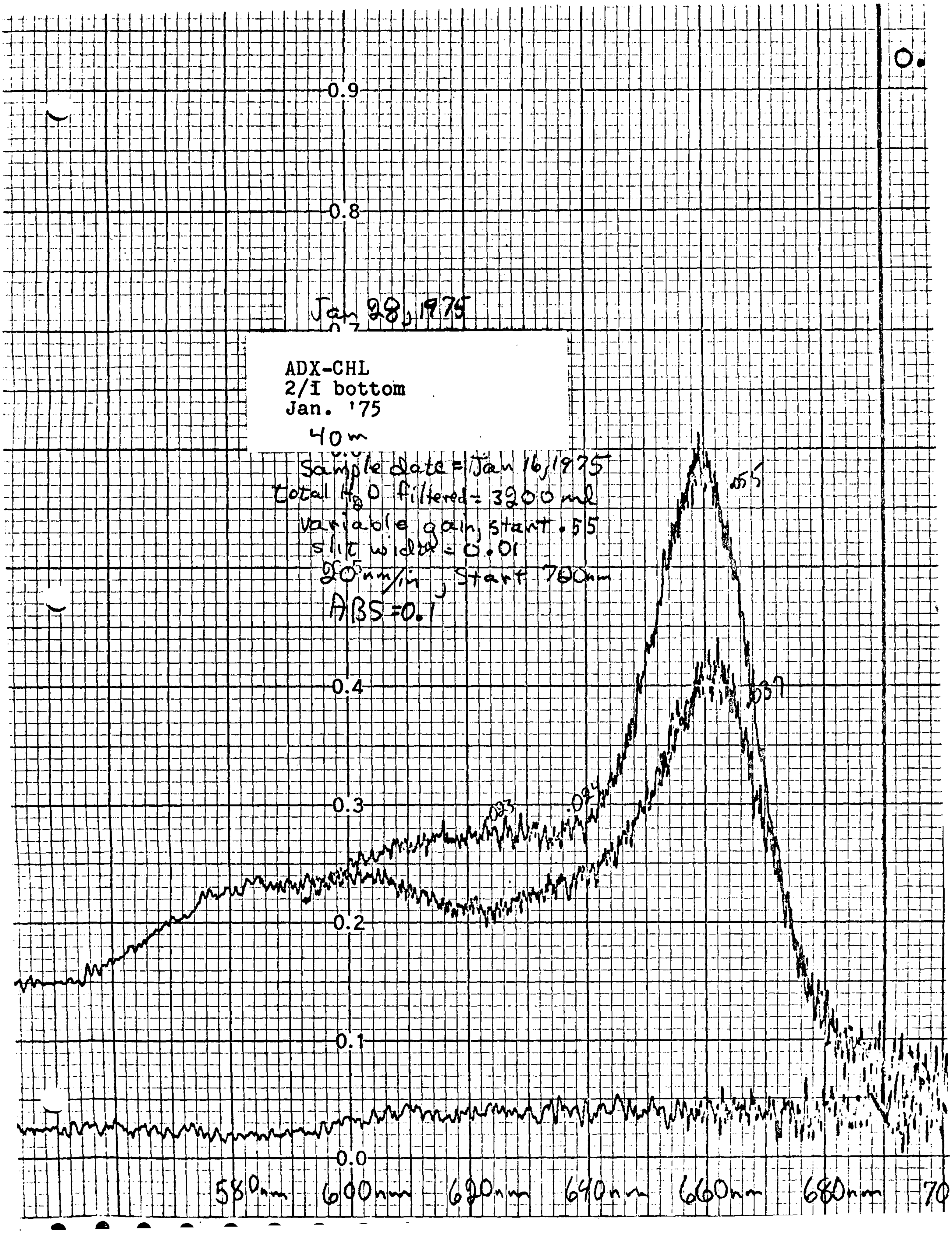

Jan 28, 1975
AFZ-CHL
1/I surface
Jan. '75
tot H2O filtered = 2150 ml
sample date = Jan. 15, 1975
variable gain, start -55
slit width = .01
20 nm/in start 700 nm
ABS = 0.1
0.1AB
.02
.06-3
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
580 nm
600 nm
620 nm
640 nm
660 nm
680 nm
700 nm

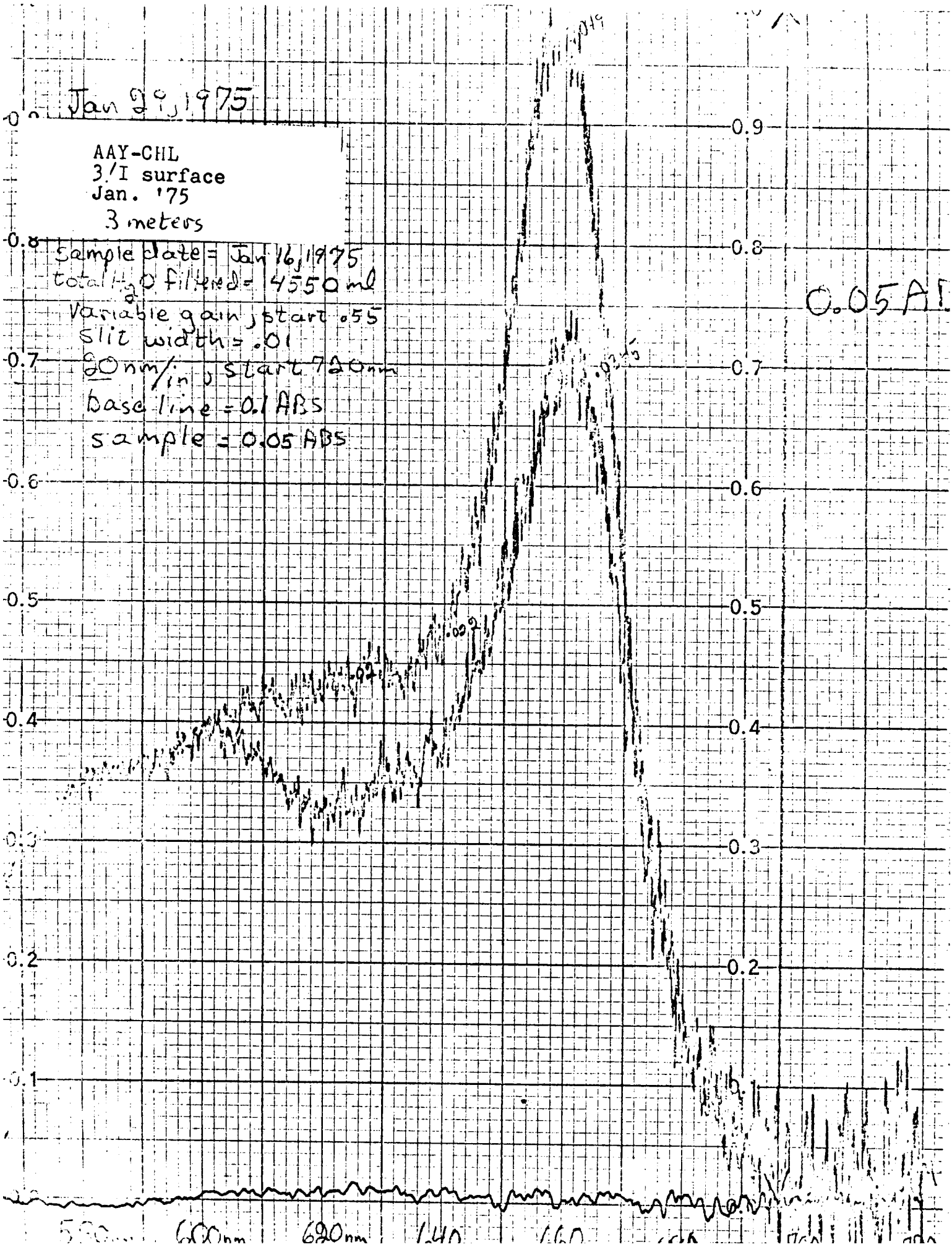

Jan 28, 1975
AGE-CHL
1/I ½ photic zone
Jan. '75
sample date = Jan. 15, 1975
total H2O filtered = 2200 ml
variable gain, start = .55
slit width .01
20 nm/in, start 780 nm
ABS=0.2
.111
.064
.054
.032
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
580nm
600nm
620nm
640nm
660nm
680nm
700nm

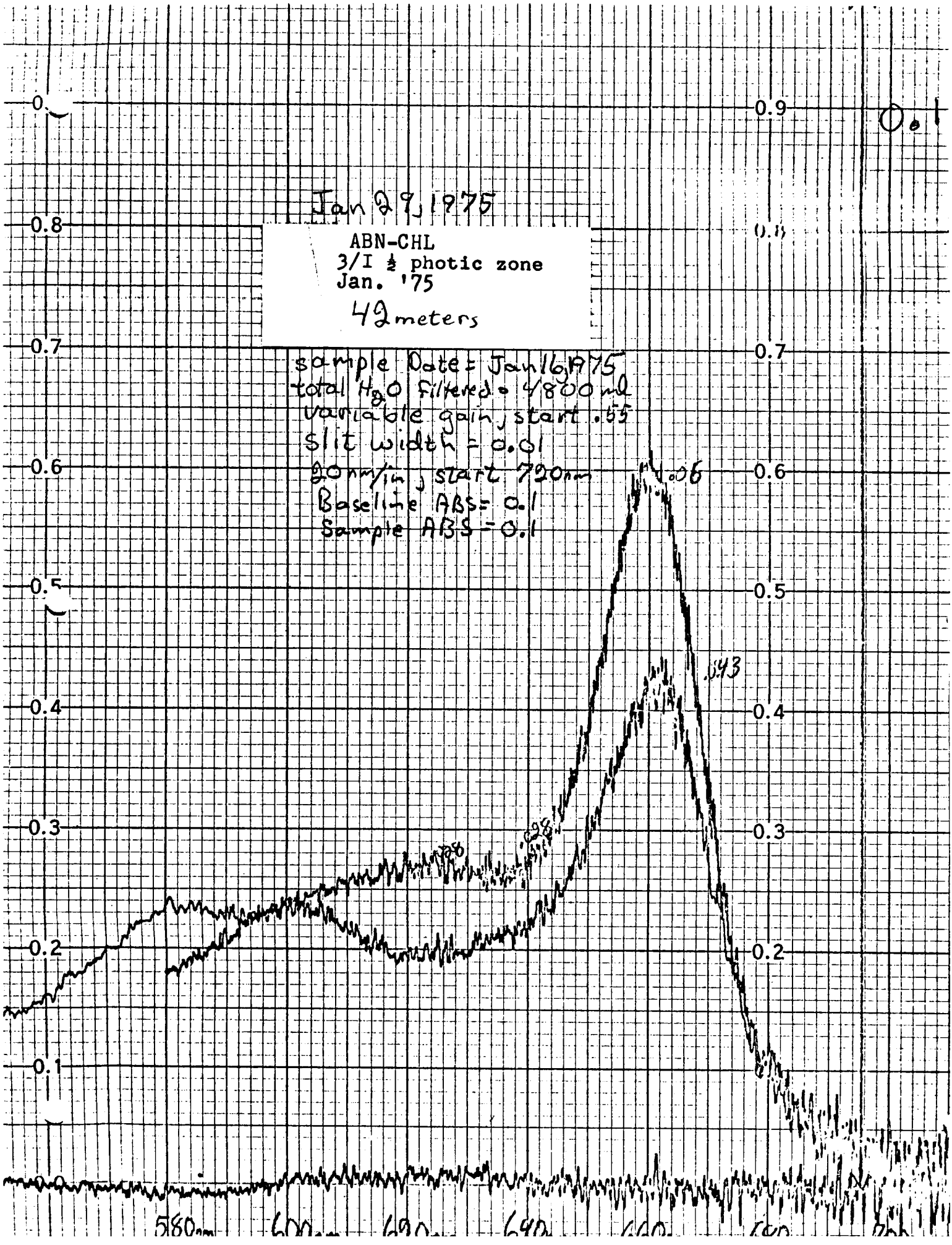

0.2ABS
0.
Jan 28, 1975
AGJ-CHL
1/I bottom
Jan. '75
Sample date = Jan. 15, 1975
tot. H_2O filtered = 2200 ml
Variable gain, start 0.55
slit width = 0.01
20 nm/in, start 720 nm
ABS = 0.2
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
.106
.07
.04
.04
580nm
600nm
620nm
640nm
660nm
680nm
700nm

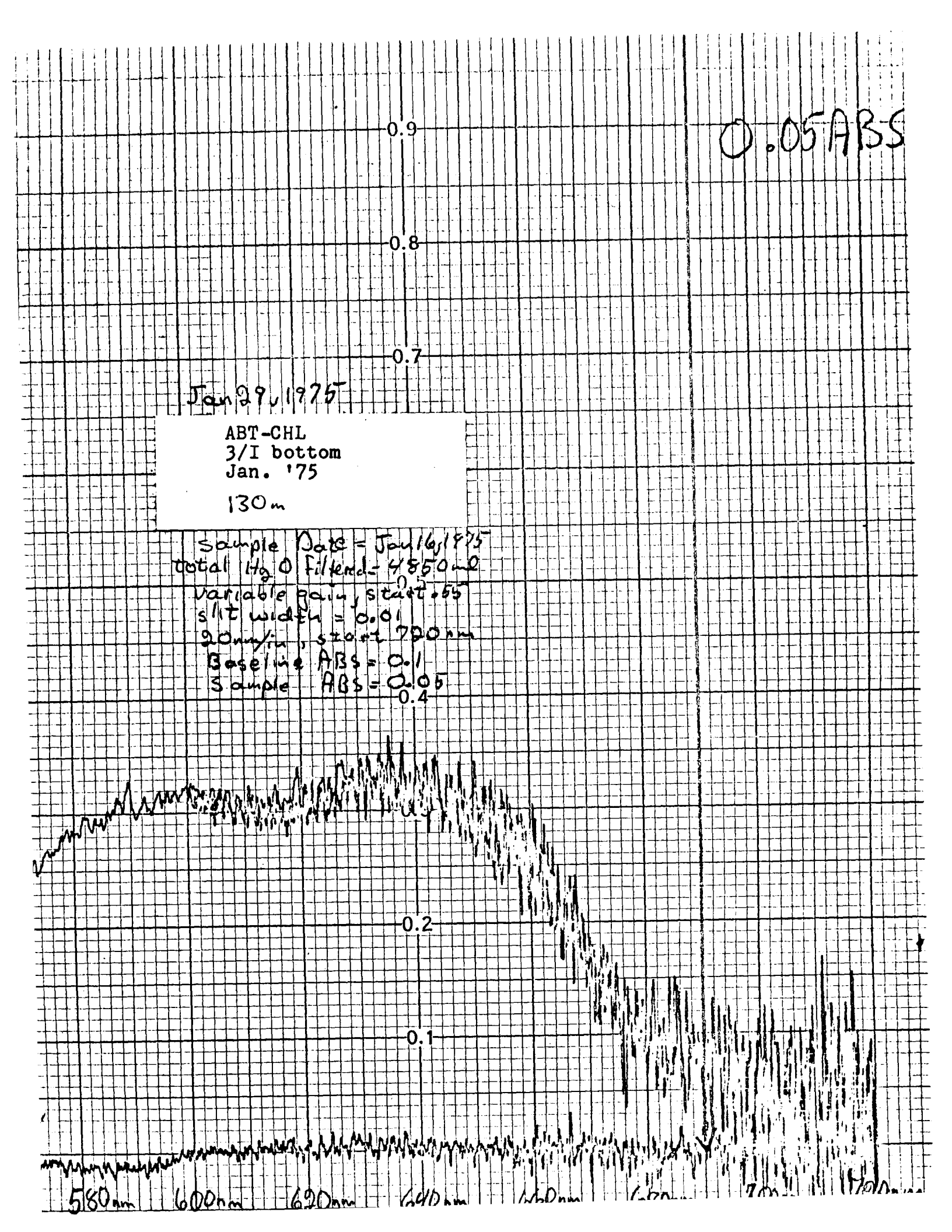

0.1A
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
Jan 25, 1975
ADN-CHL
2/I surface
Jan. '75
Sample Date = Jan 16, 1975
Total H_2O filtered = 3200 ml
Variable gain, start .55
slit width = 0.01
20nm/in, start 780nm
ABS = 0.1
.058
.044
.026
.022
560nm
580nm
600nm
620nm
640nm
660nm
680nm
700nm

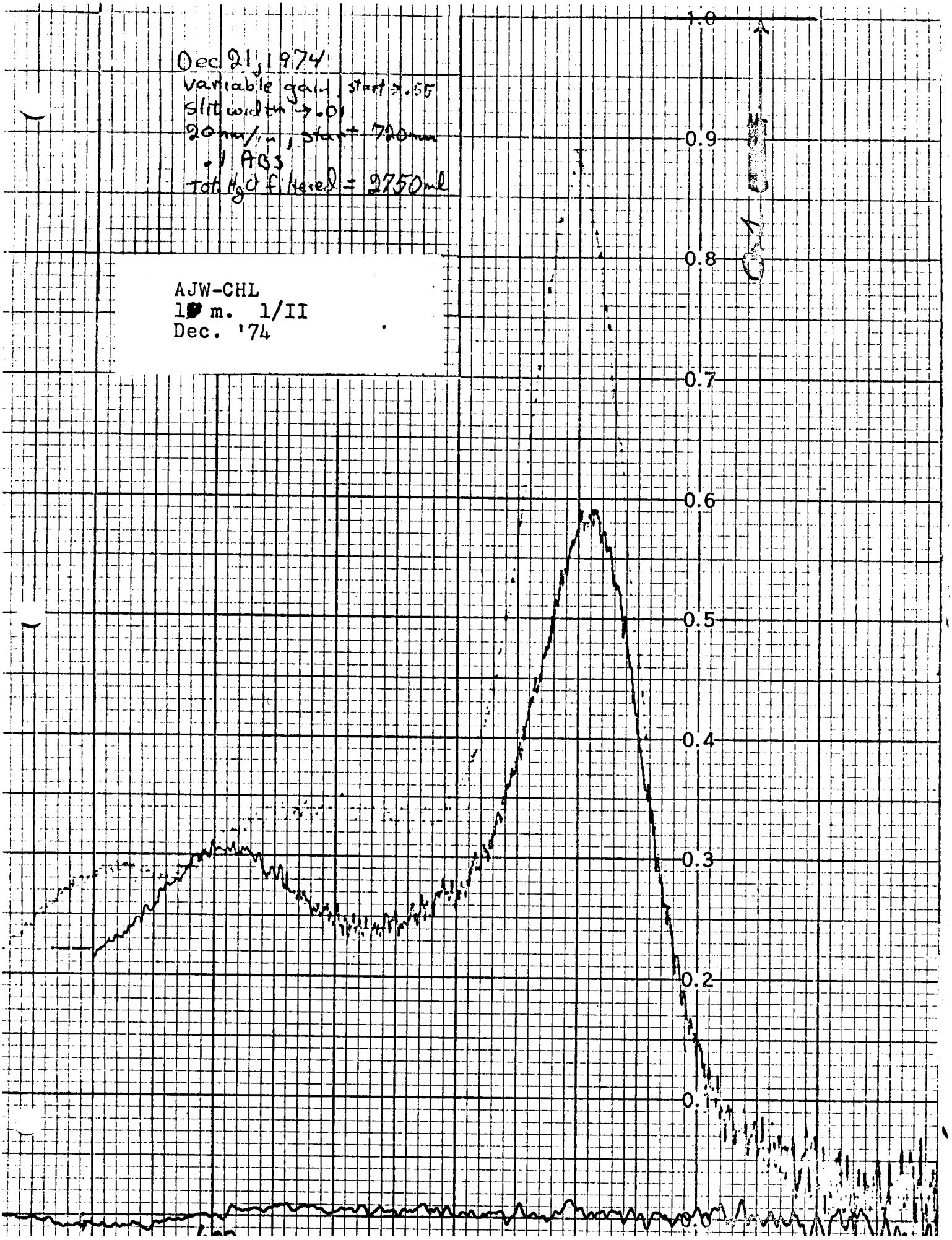

0.1 ABS
Jan 28, 1975
ADS-CHL
2/I ½ photic zone
Jan. '75
1 1/m
sample date = Jan 16, 1975
tot. amount H2O filtered = 3200 ml
variable gain, start +55
slit width = 0.01
20 nm/in, start 720 nm
ABS = 0.1
Note = phaeophytin curve
was inadvertently done
at 0.2 ABS
0.9
0.8
0.6
0.5
0.4
0.3
0.2
0.1
0.0
.056
.035
.025
.076
0.2 ABS
0.1 ABS
0.2 ABS
580nm
600nm
620nm
640nm
660nm
680nm
700nm

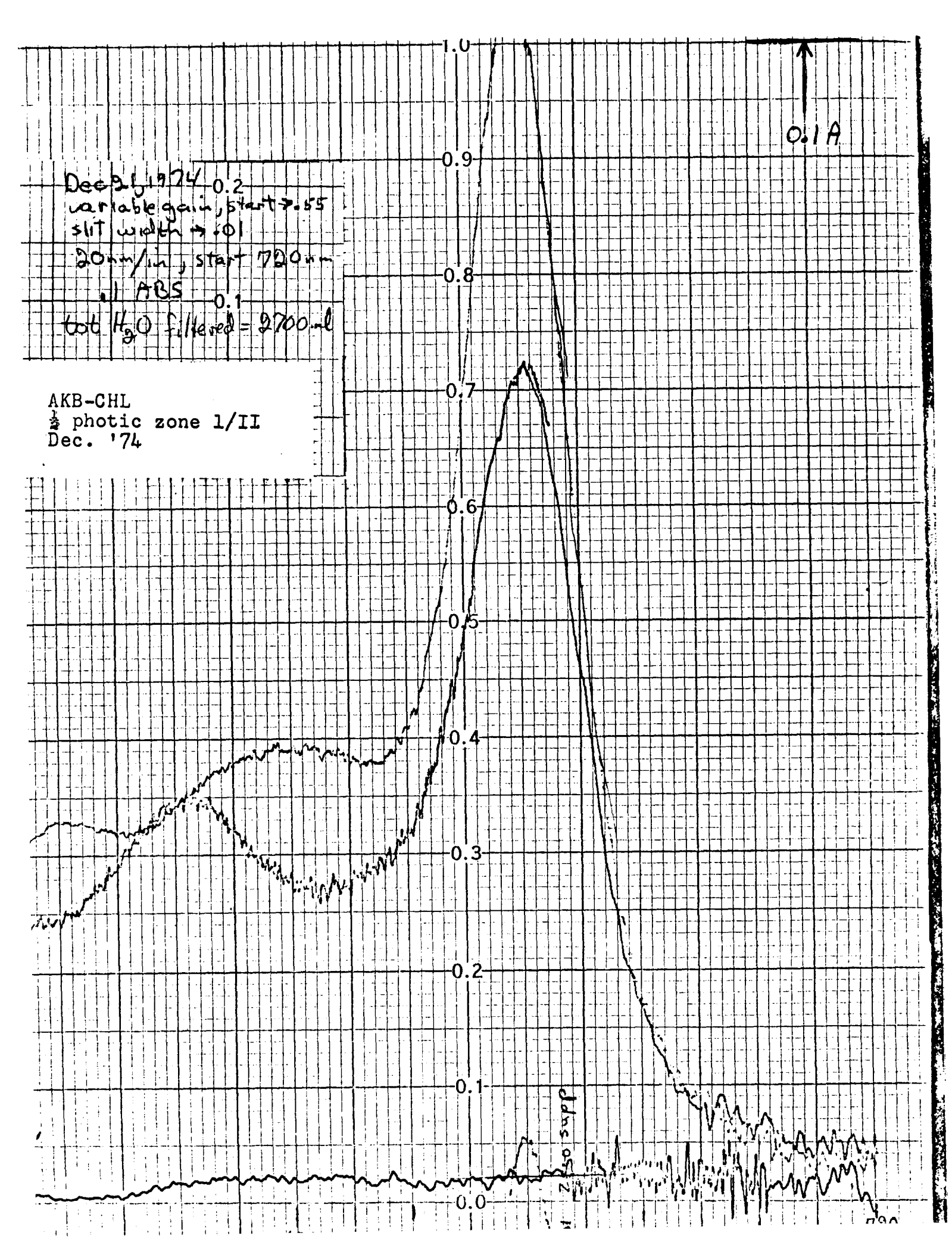

Jan 28, 1975
ADX-CHL
2/I bottom
Jan. '75
40m
Sample date = Jan 16, 1975
Total H2O filtered = 3200 ml
variable gain, start .55
slit width = 0.01
20 nm/in, Start 700nm
ABS = 0.1
0.9
0.8
0.4
0.3
0.2
0.1
0.0
.055
.037
.033
.024
580nm
600nm
620nm
640nm
660nm
680nm
70

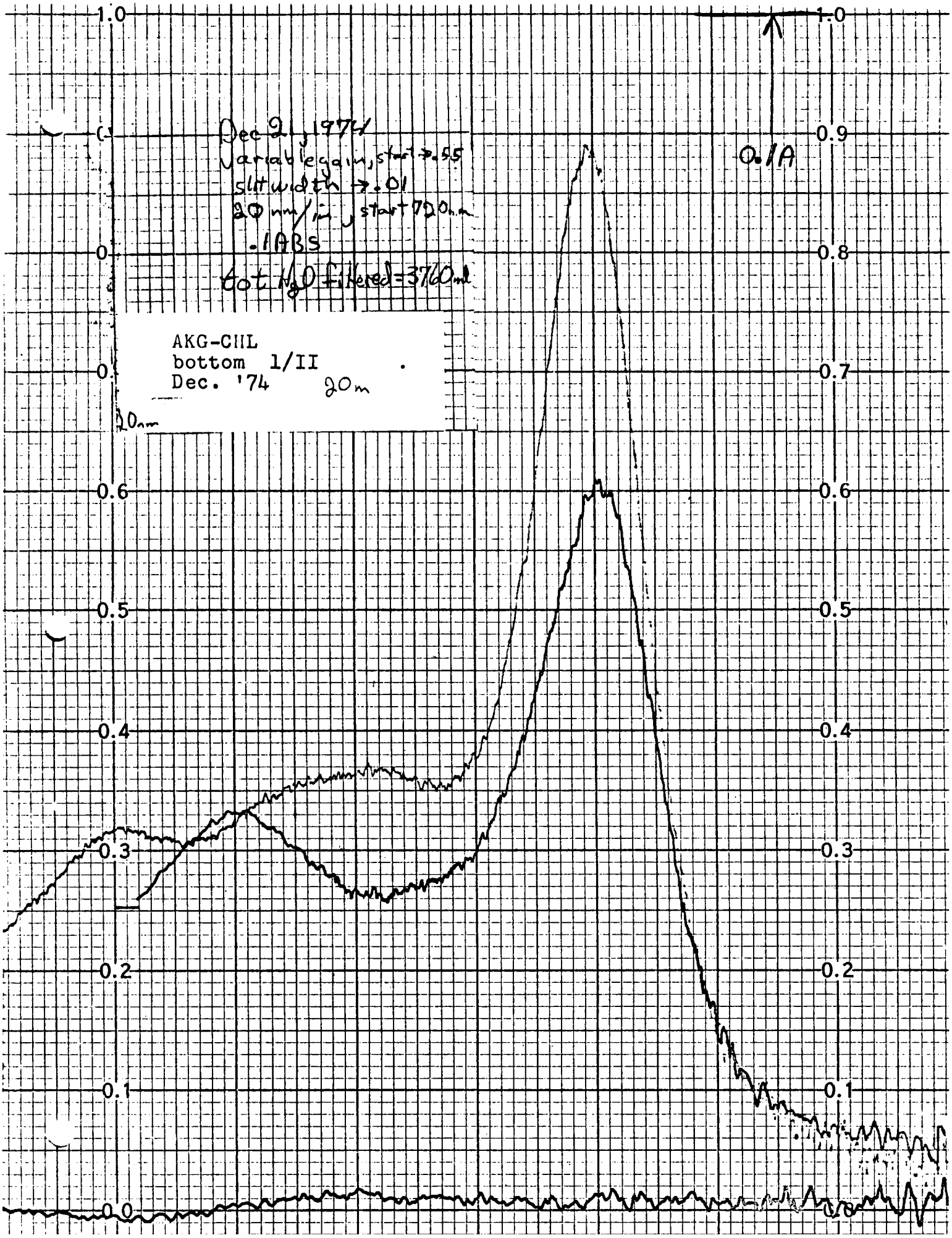

Jan 29, 1975
AAY-CHL
3/I surface
Jan. '75
3 meters
Sample date = Jan 16, 1975
total H2O filtered = 4550 ml
variable gain, start .55
slit width = .01
50 nm/in, start 720nm
base line = 0.1 ABS
sample = 0.05 ABS
0.05 AB
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
620nm

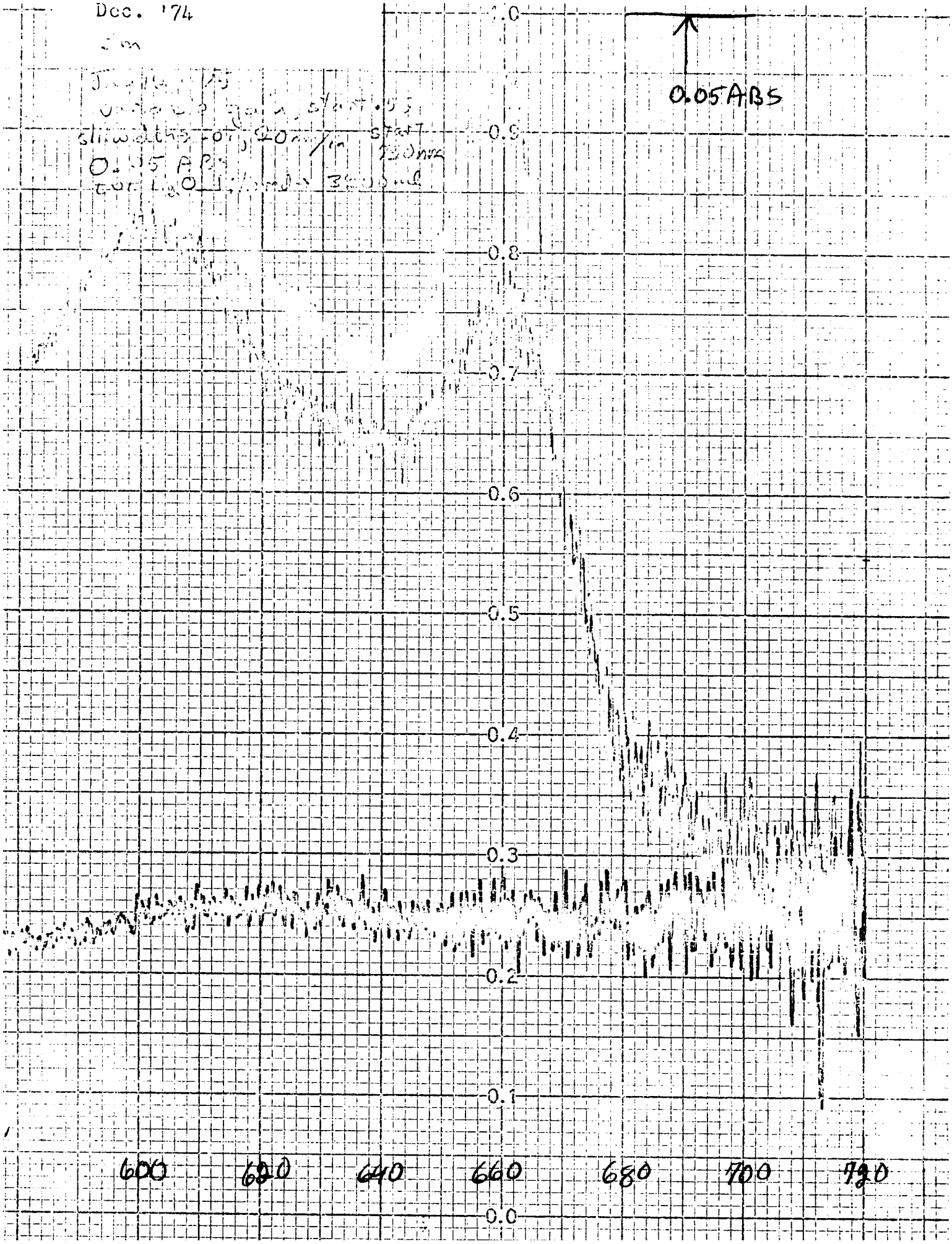

Jan 29, 1975
ABN-CHL
3/I ½ photic zone
Jan. '75
42 meters
sample Date = Jan 16 1975
total H2O filtered = 4800 ml
variable gain, start .55
slit width = 0.01
20 nm/in, start 720 nm
Baseline ABS = 0.1
Sample ABS = 0.1
.06
.043
.028
.028
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
580nm

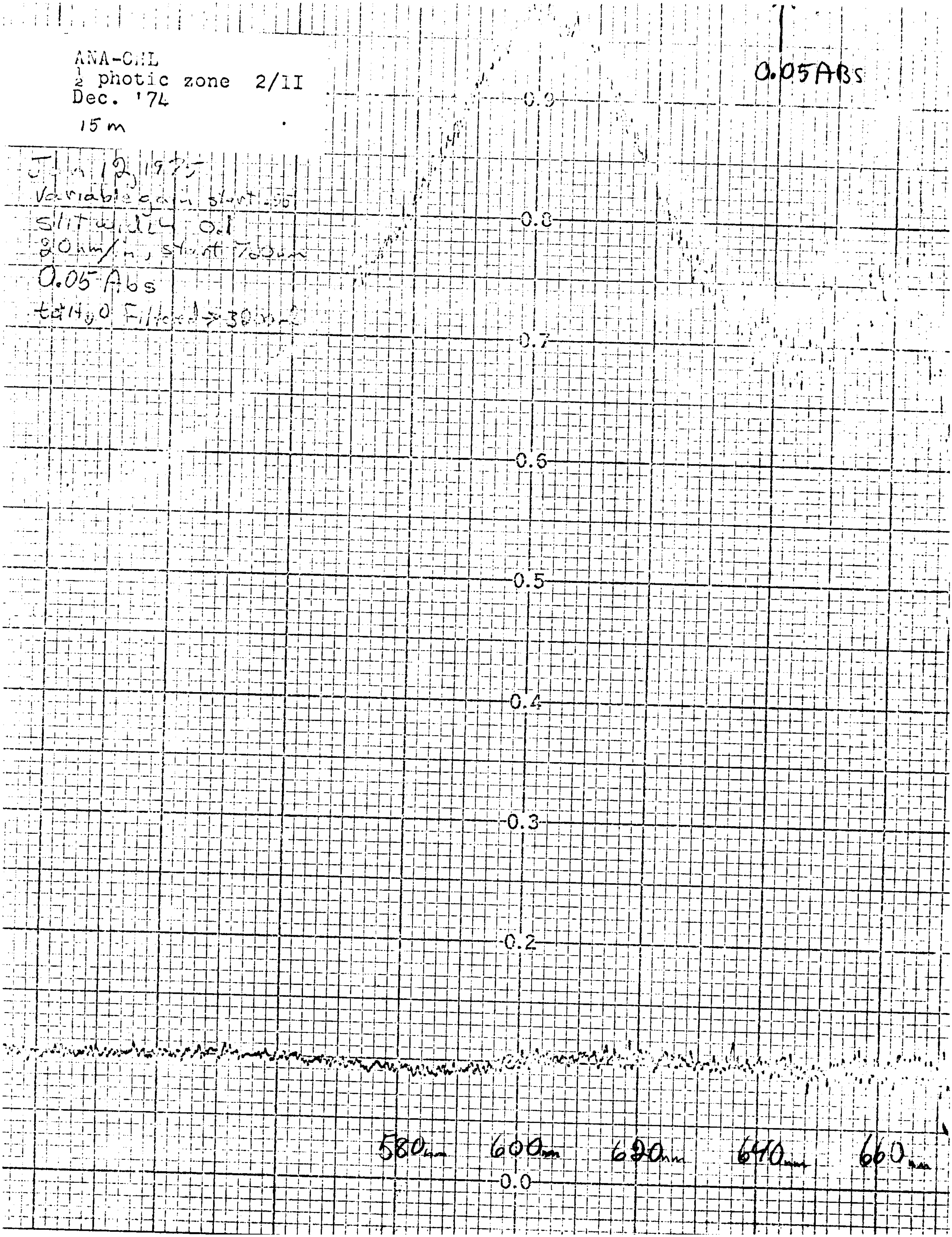

0.05 ABS
0.9
0.8
0.7
Jan 29, 1975
ABT-CHL
3/I bottom
Jan. '75
130m
Sample Date = Jan 16, 1975
total H2O filtered = 4850 ml
variable gain, start .65
slit width = 0.01
20nm/in, start 720nm
Baseline ABS = 0.1
Sample ABS = 0.05
0.4
0.2
0.1
580nm
600nm
620nm


Dec 21, 1974
variable gain, start = .55
slit width → .01
20 nm/in, start = 720 nm
AB3
Total H2O filtered = 2750 ml
AJW-CHL
1 m. 1/II
Dec. '74
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
OD

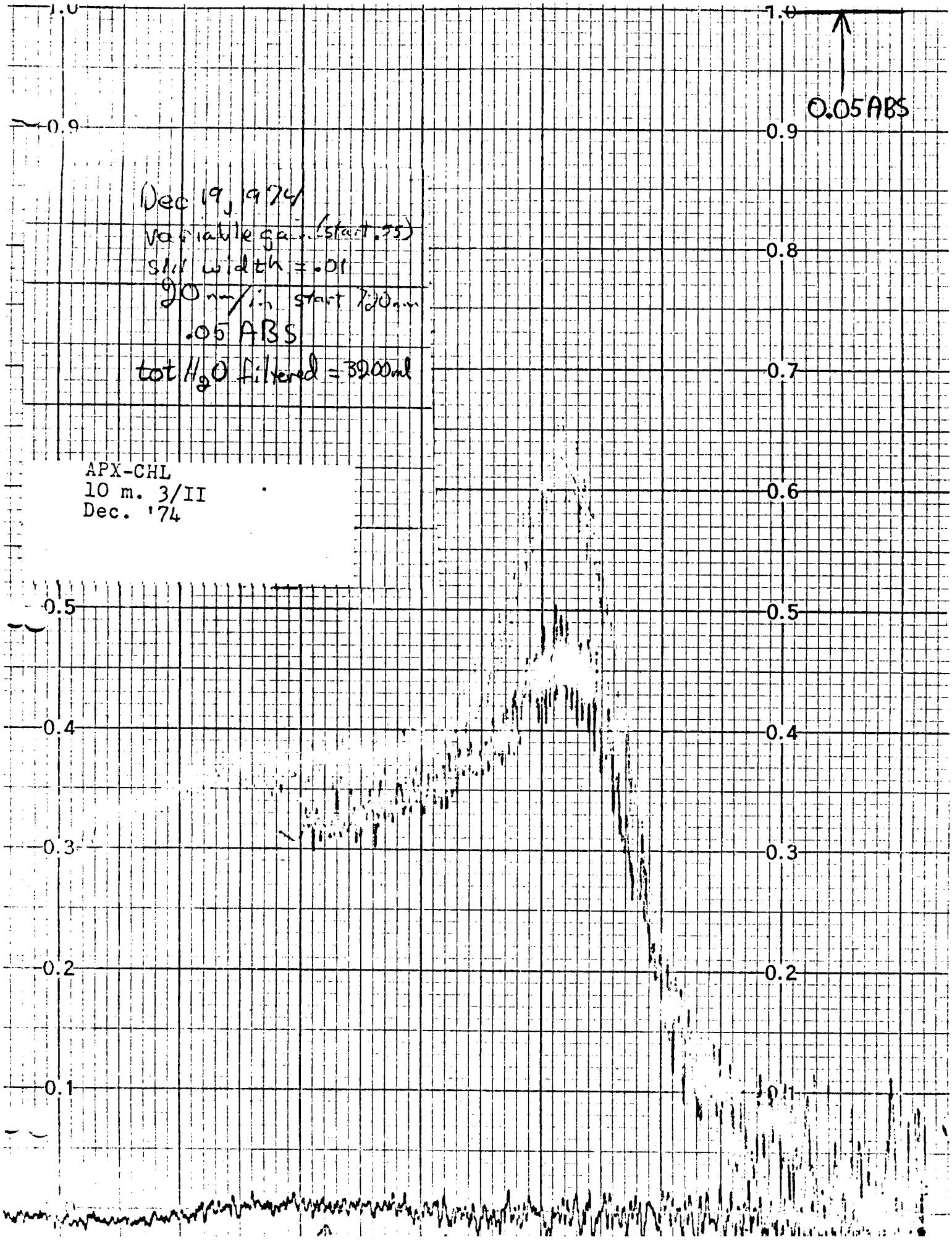

Dec 2, 1974
variable gain, start → .55
slit width → .01
20 nm/in, start 720 nm
.1 ABS
tot H_2O filtered = 2700 ml
AKB-CHL
½ photic zone 1/II
Dec. '74
0.1 A
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
descend

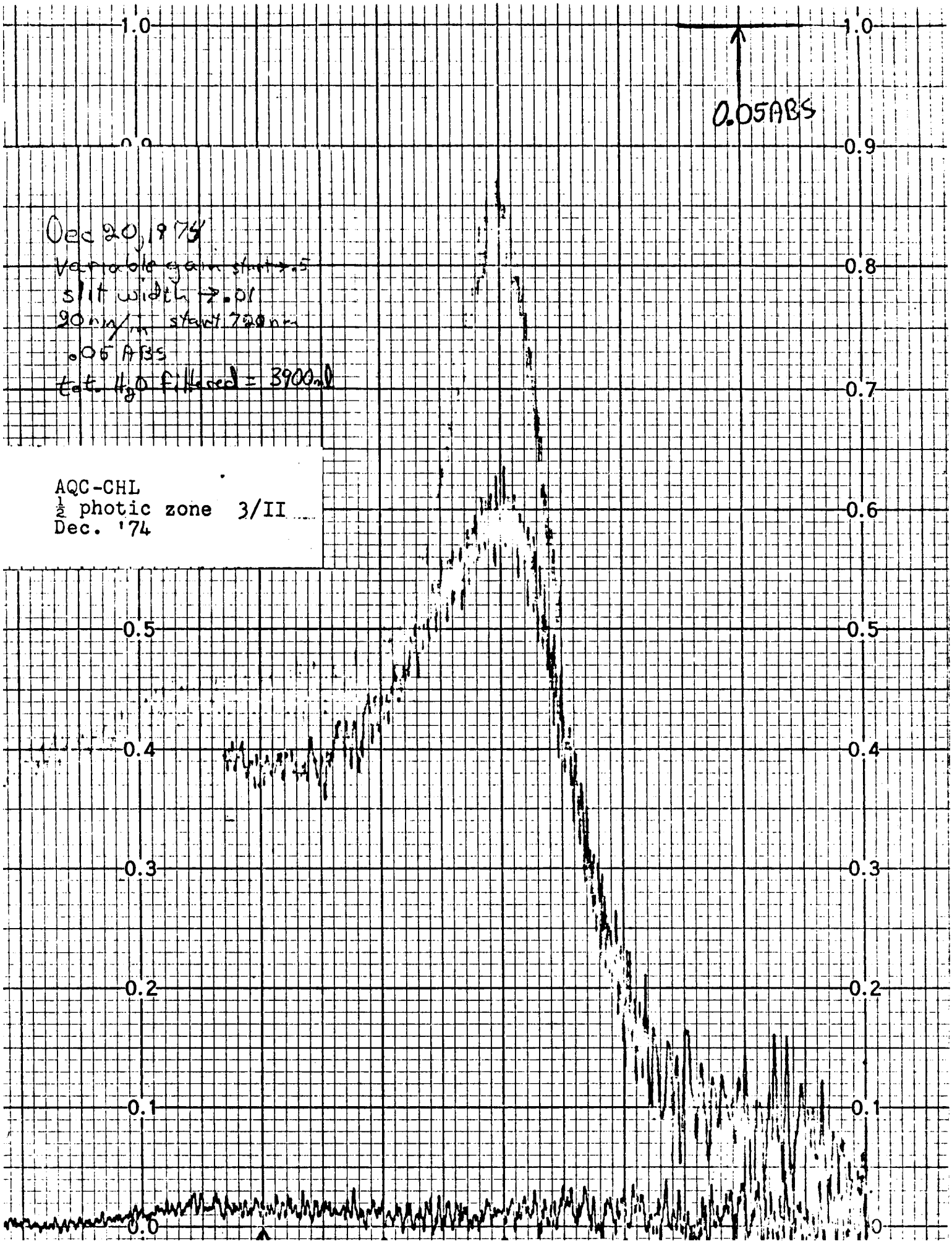

Dec 2, 1974
variable gain, start → .55
slit width → .01
20 nm/in, start 720 nm
-1ABS
tot MgO filtered = 3760 ml
AKG-CHL
bottom 1/II
Dec. '74 20m
20nm
0.1A
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0

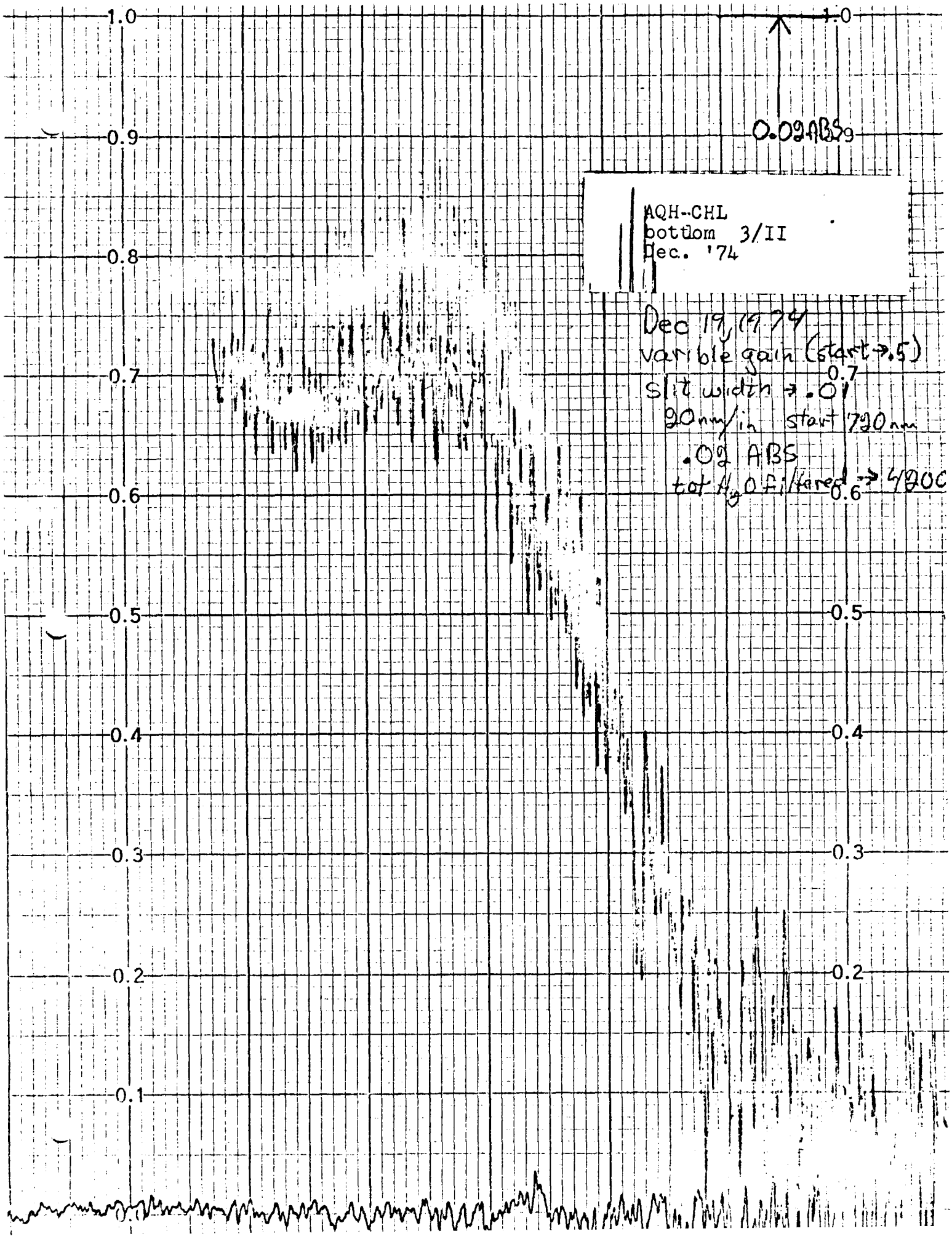

Dec. '74
0.05ABS
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
600
620
640
660
680
700
720

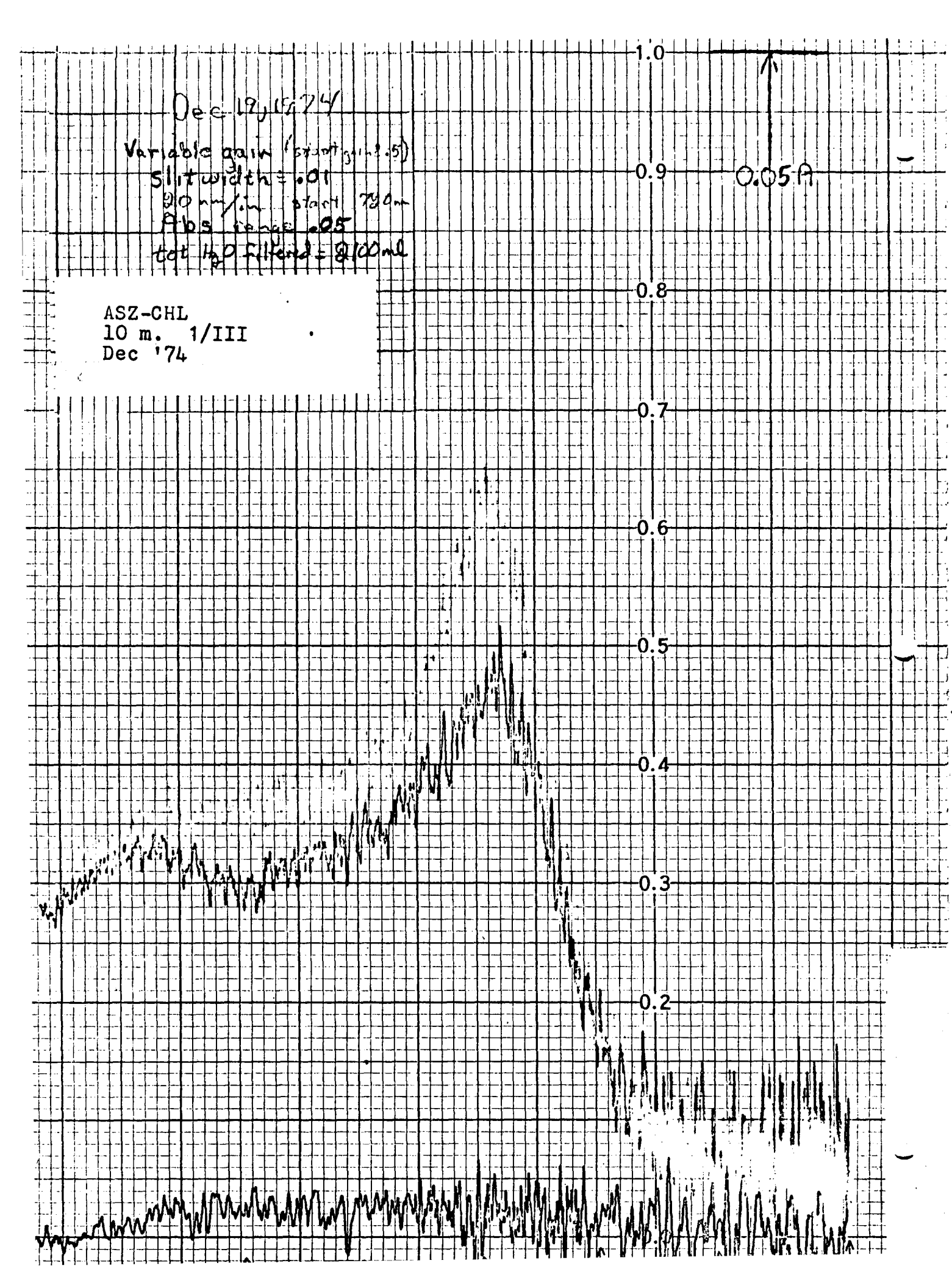

ANA-CHL
½ photic zone 2/II
Dec. '74
15 m
Slit width 0.1
0.05 Abs
0.05 ABS
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.0
580nm
600nm
620nm
640nm
660nm

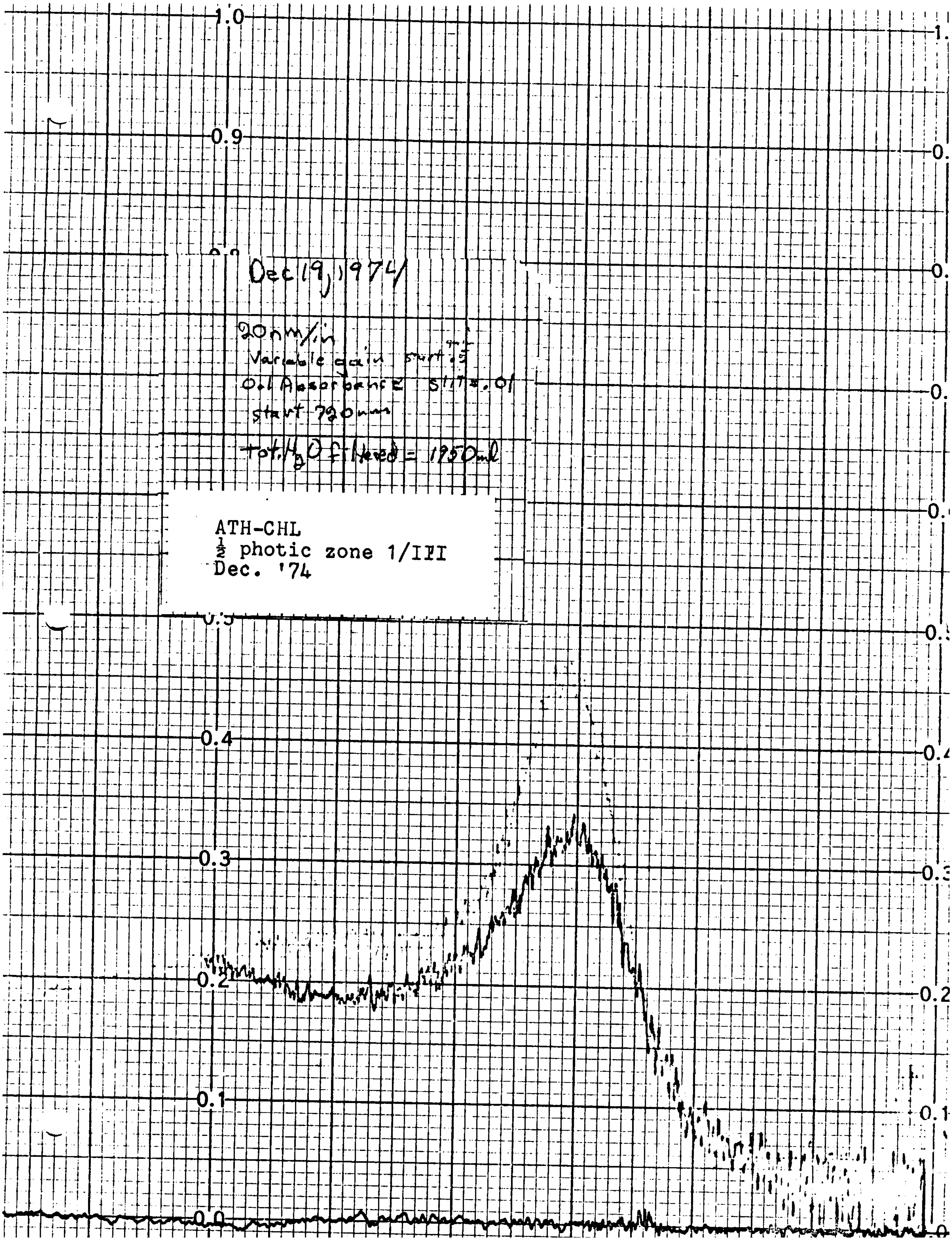

ANG-CHL
bottom 2/II
Dec. '74
45m
0.5
0.3
0.2
0.0
620 nm

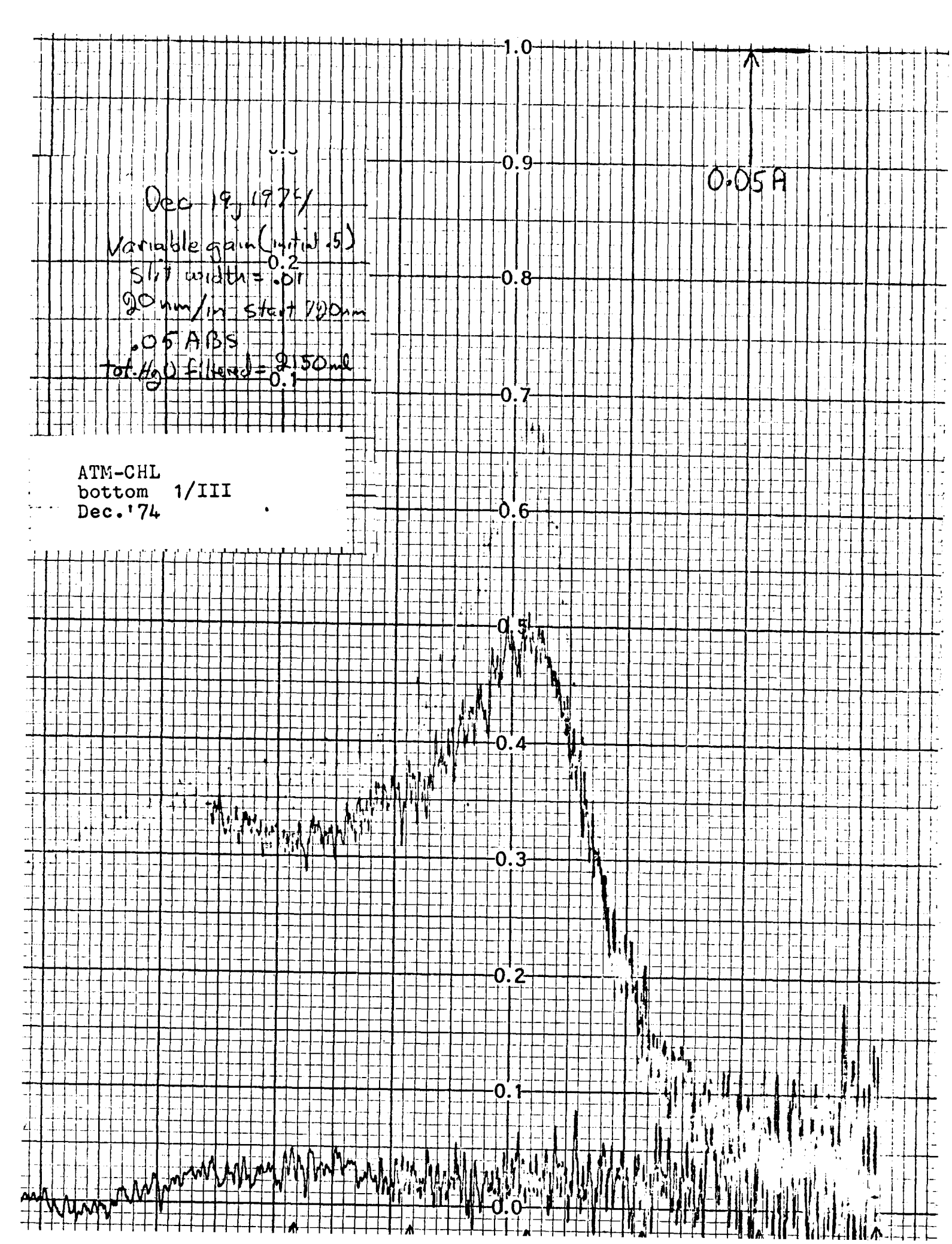

Dec 19, 1974
variable sa... (start .95)
slit width = .01
90 nm/in start 700 nm
.05 ABS
tot H2O filtered = 3200 ml
APX-CHL
10 m. 3/II
Dec. '74
0.05 ABS
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1

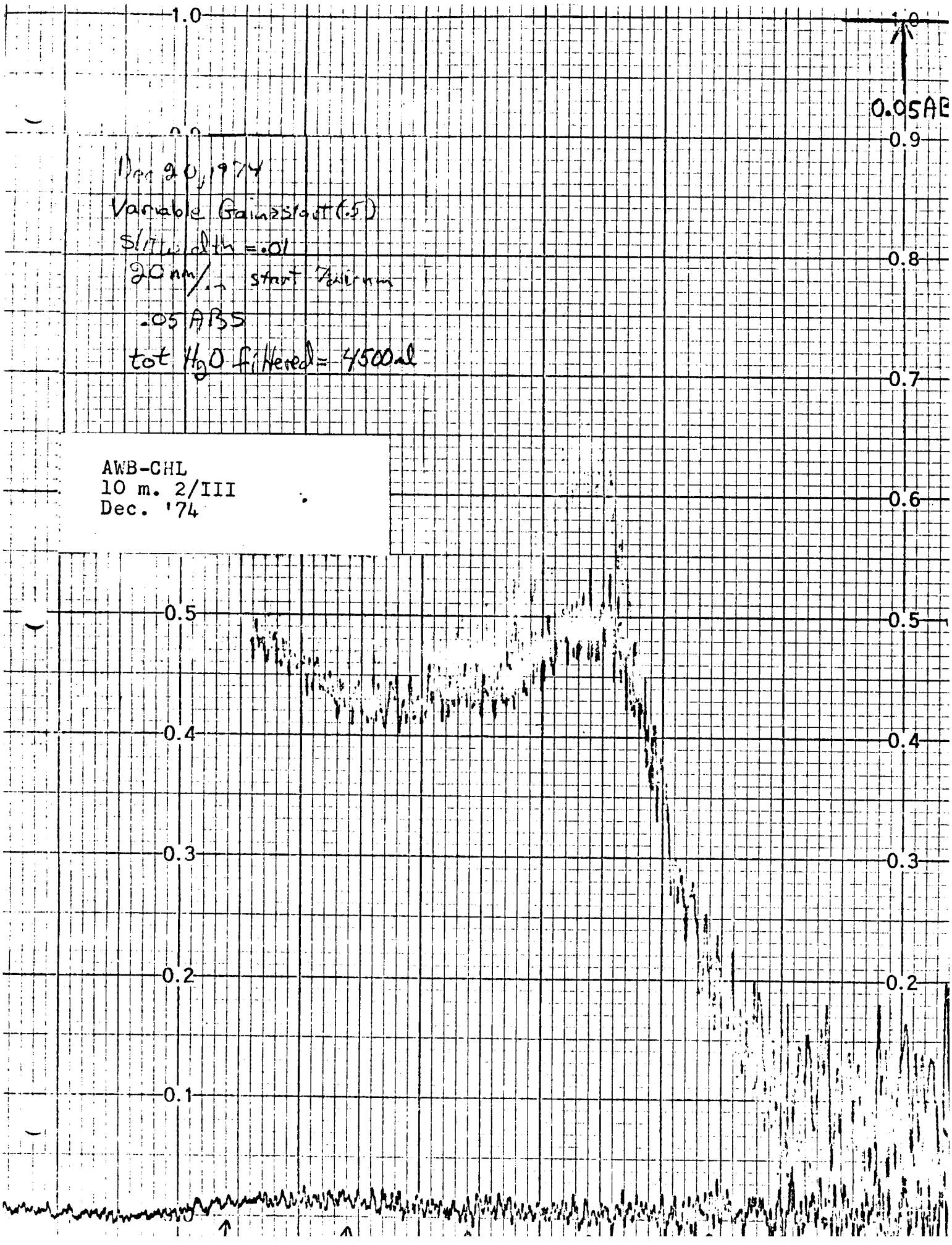

0.05ABS
Dec 20, 1974
Variable gain start → 5
slit width → 2.0
20 nm/in start 720 nm
.05 ABS
Ref. H2O filtered = 3900 ml
AQC-CHL
½ photic zone 3/II
Dec. '74
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0

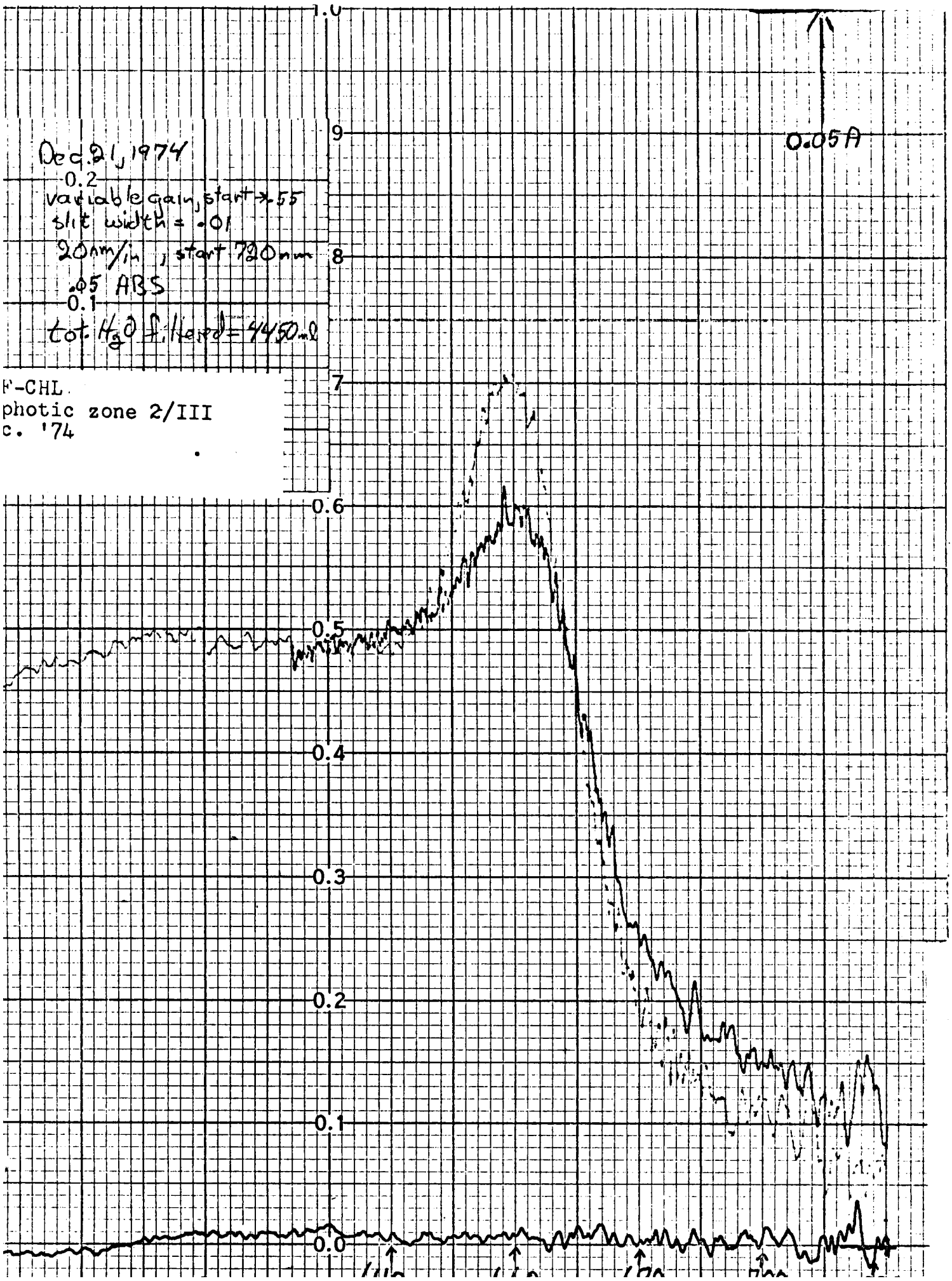

1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.02 ABS
AQH--CHL
bottom 3/II
Dec. '74
Dec 19, 1974
variable gain (start → .5)
slit width → .01
20nm/in start 720nm
.02 ABS
tot H2O filtered → 4900

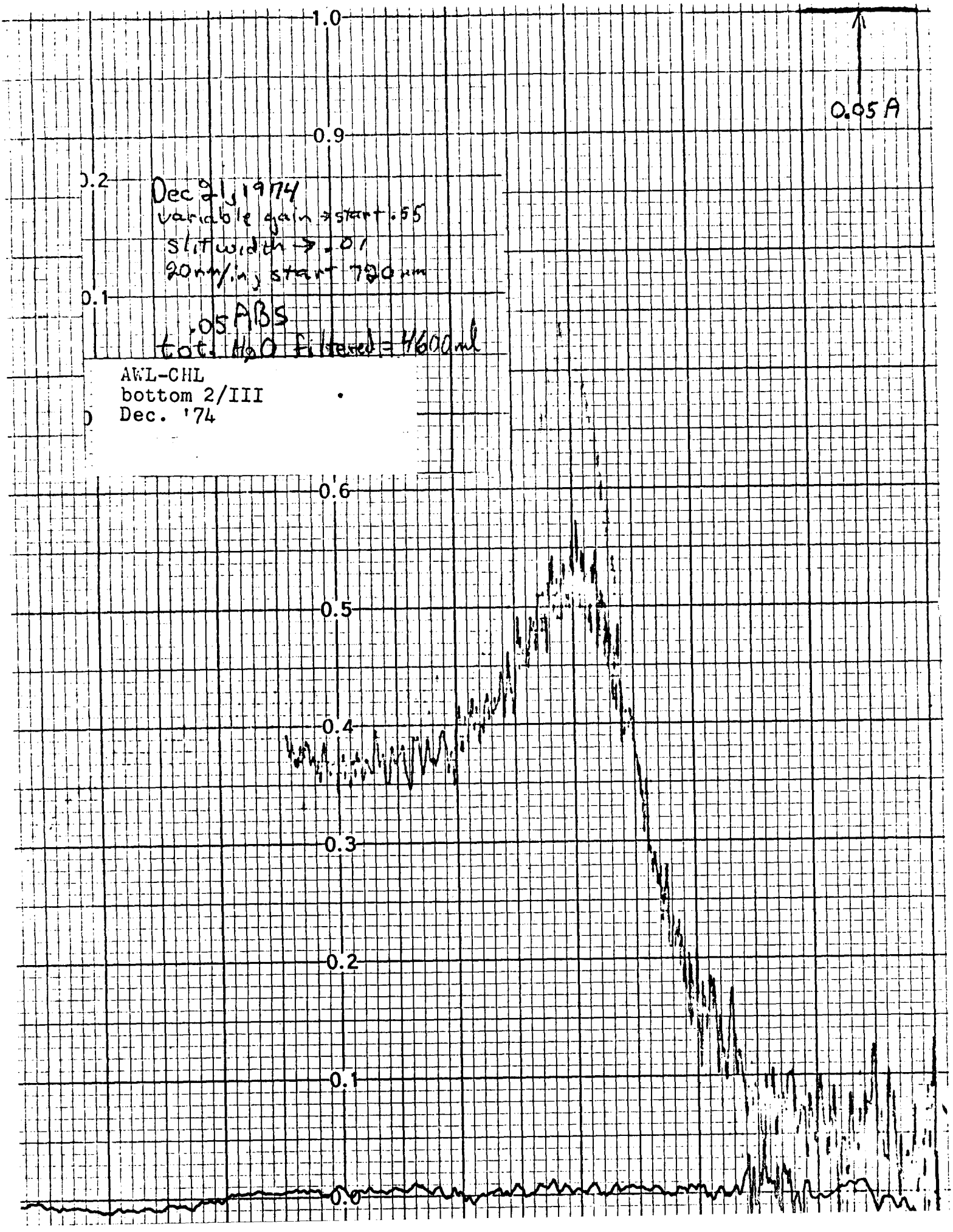

Dec 19, 1974
Variable gain (start gain = .5)
Slit width = .01
20 nm/in start 720 nm
Abs range .05
tot H2O fill end = 8100 ml
ASZ-CHL
10 m. 1/III
Dec '74
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.05 A

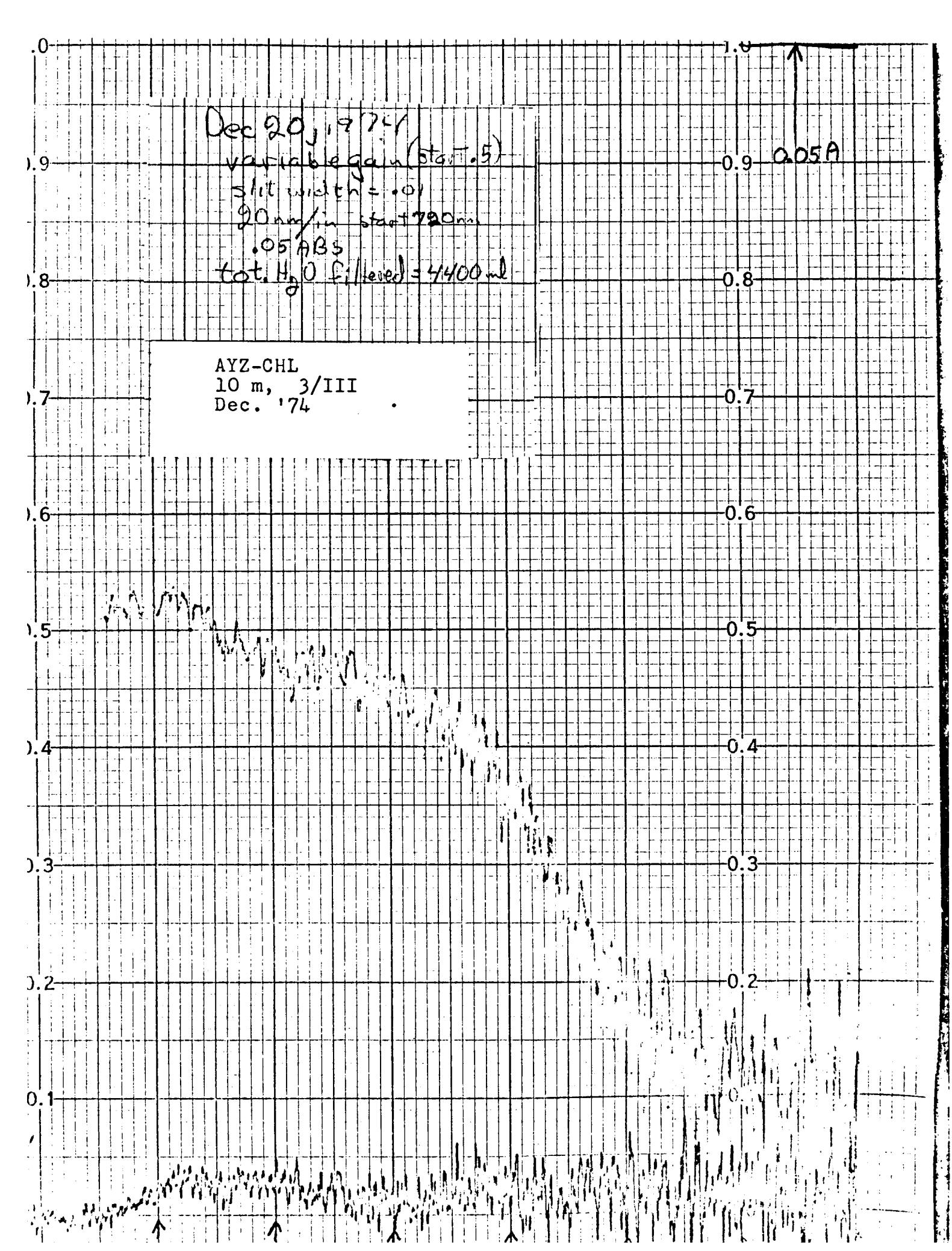

1.0
0.9
Dec 19, 1974
20nm/in
Variable gain
0.1 Absorbance slit=.01
start 720nm
tot. H2O filtered = 1950ml
ATH-CHL
½ photic zone 1/III
Dec. '74
0.4
0.3
0.2
0.1
0.0

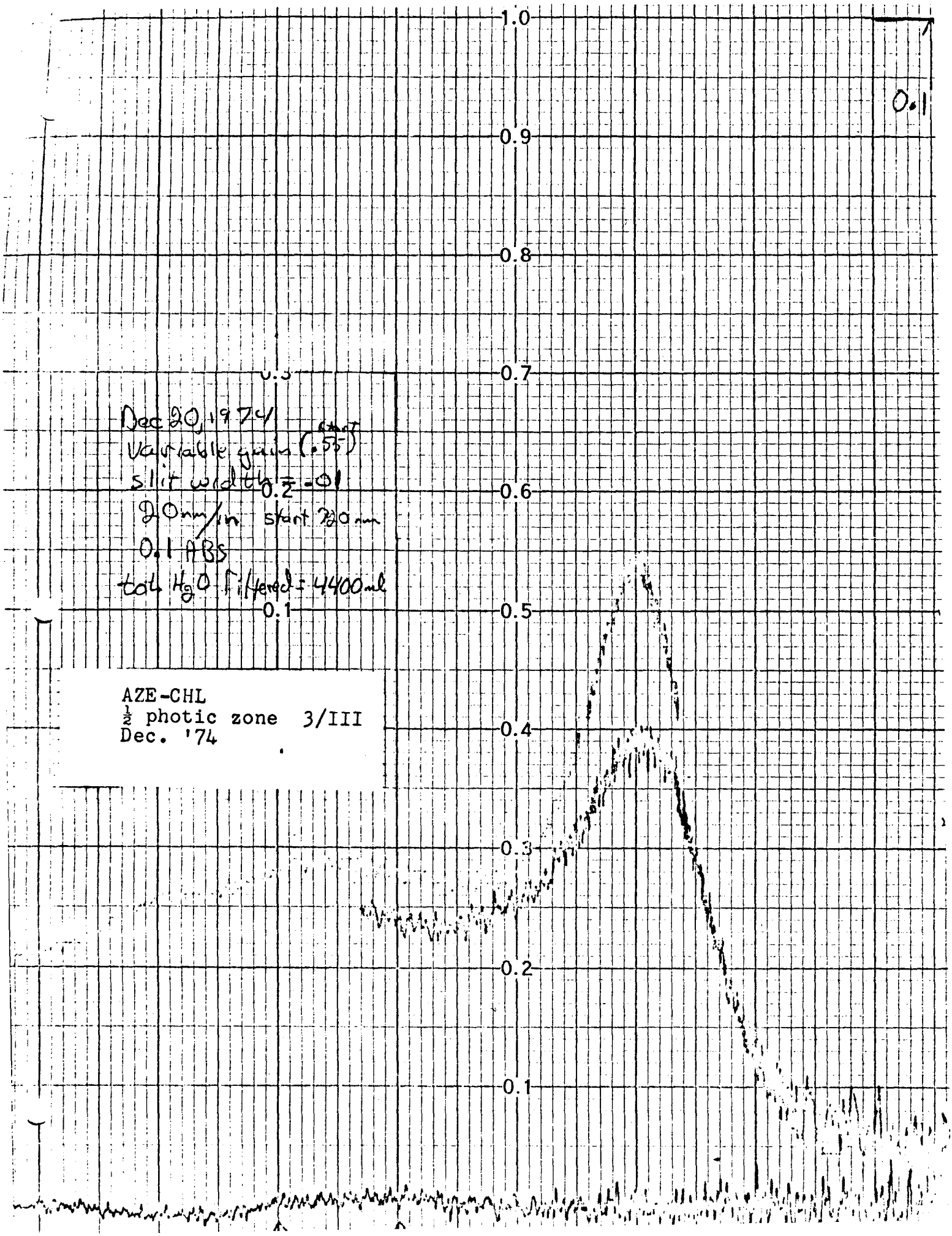

Dec 19, 1974
Variable gain (initial .5)
Slit width = .01
20 nm/in start 720nm
.05 ABS
tot. H2O filtered = 250ml
ATM-CHL
bottom 1/III
Dec.'74
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.05 A

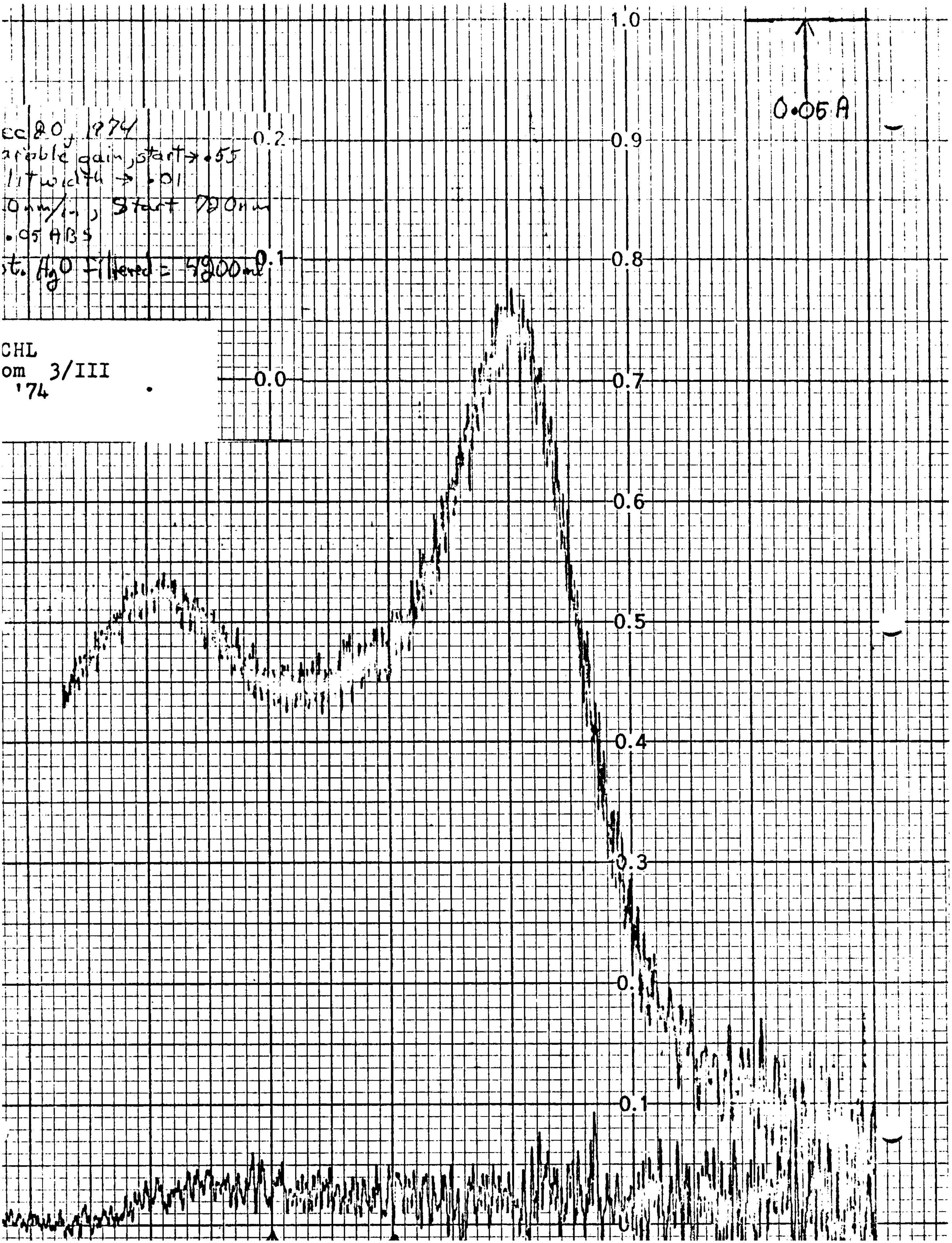

Dec 20, 1974
Variable Gain Start (.5)
Slit width = .01
20 nm/in start 700 nm
.05 ABS
tot H2O filtered = 4500 ml
AWB-CHL
10 m. 2/III
Dec. '74
0.05AB
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0


Dec. 21, 1974
0.2
variable gain, start → 55
slit width = .01
20nm/in , start 720nm
.05 ABS
0.1
tot. H2O filtered = 4450 ml
F-CHL
photic zone 2/III
c. '74
0.05A
1.0
9
8
7
0.6
0.5
0.4
0.3
0.2
0.1
0.0

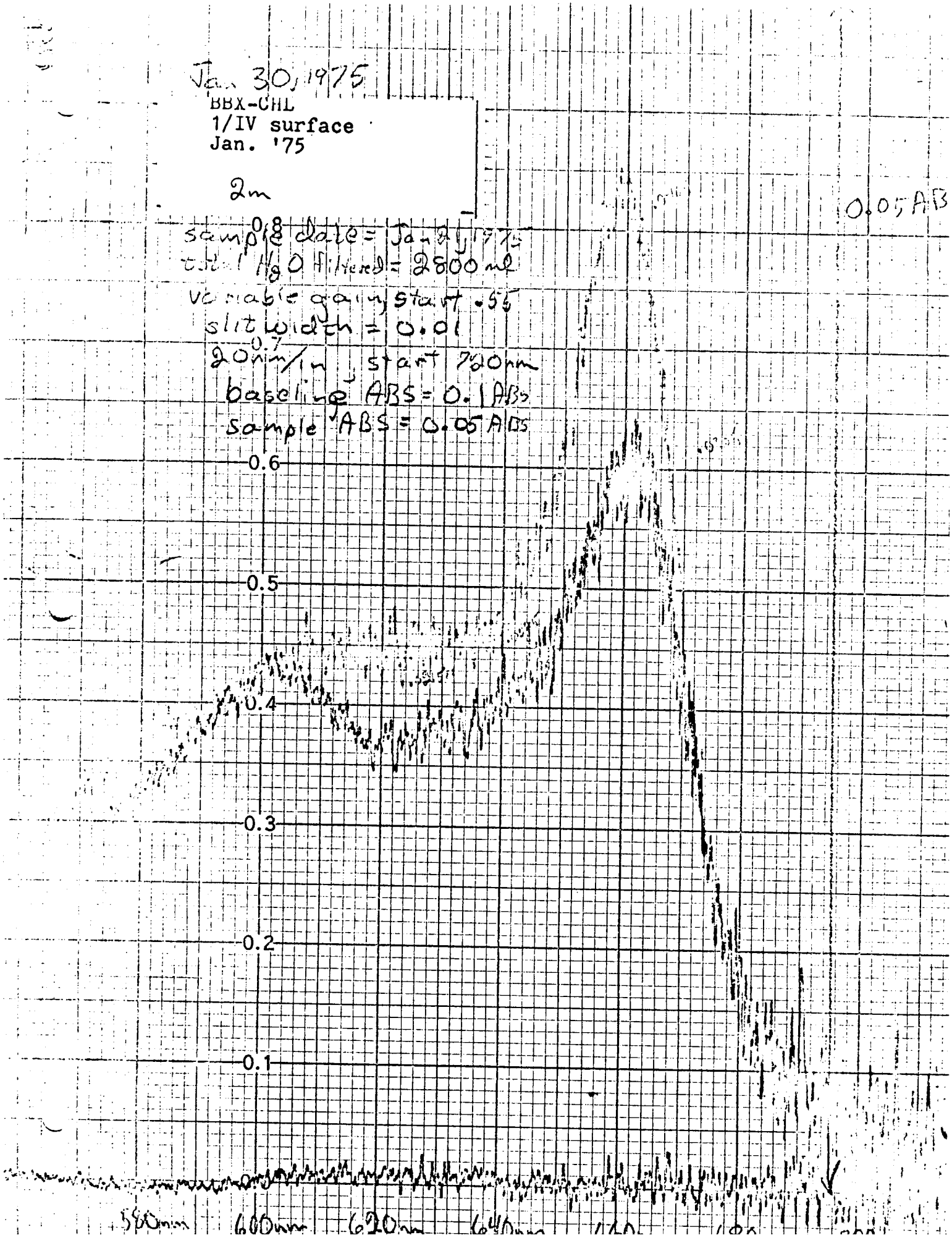

1.0
0.9
0.2
0.1
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.05 A
Dec 21, 1974
variable gain → start .55
slit width → .01
20 nm/in, start 720 nm
.05 ABS
tot. H2O Filtered = 1600 ml
AWL-CHL
bottom 2/III
Dec. '74

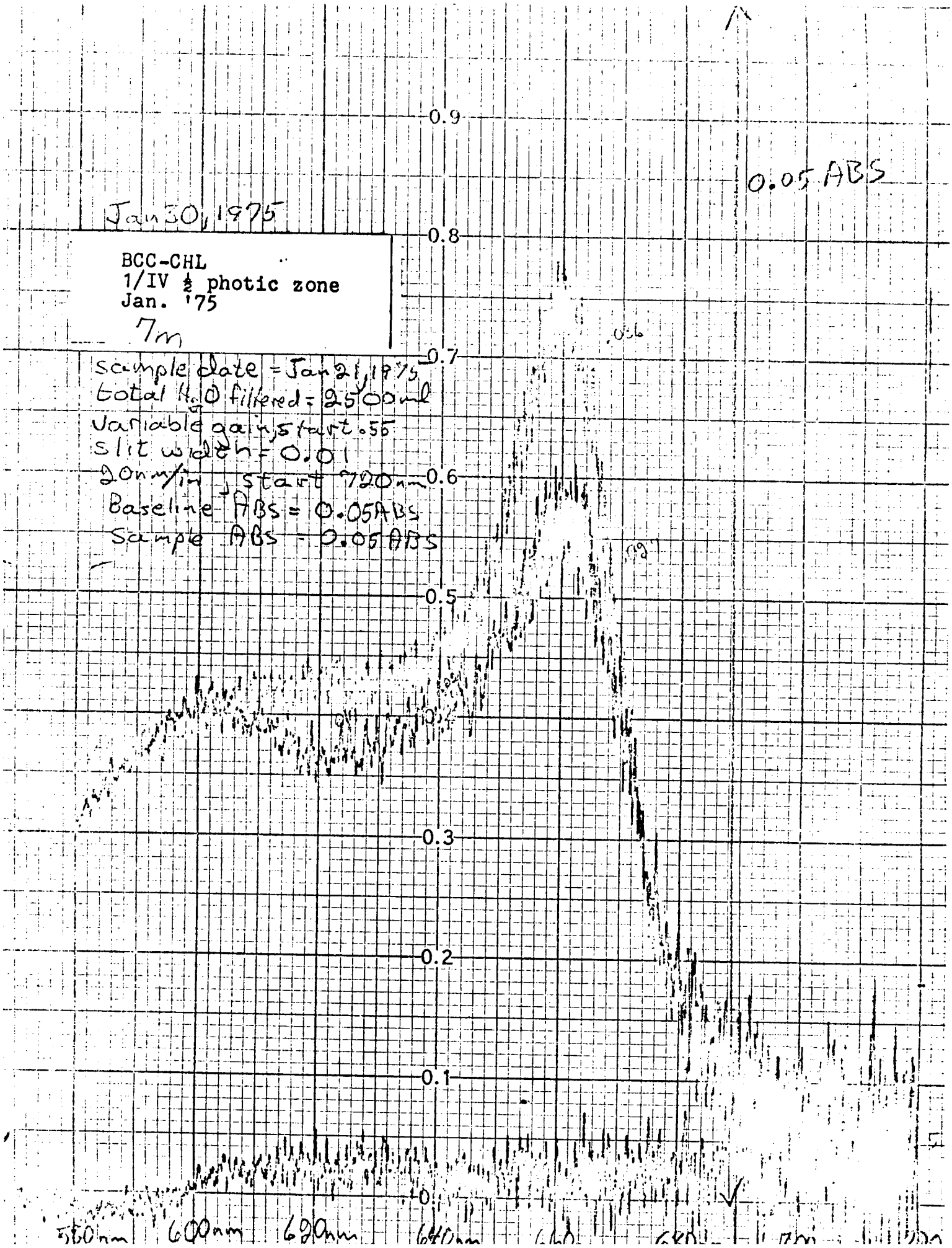

Dec 20, 1974
variable gain (start .5)
slit width = .01
20 nm/in start 720 nm
.05 ABS
tot. H2O filtered = 4400 ml
AYZ-CHL
10 m, 3/III
Dec. '74
0.05A

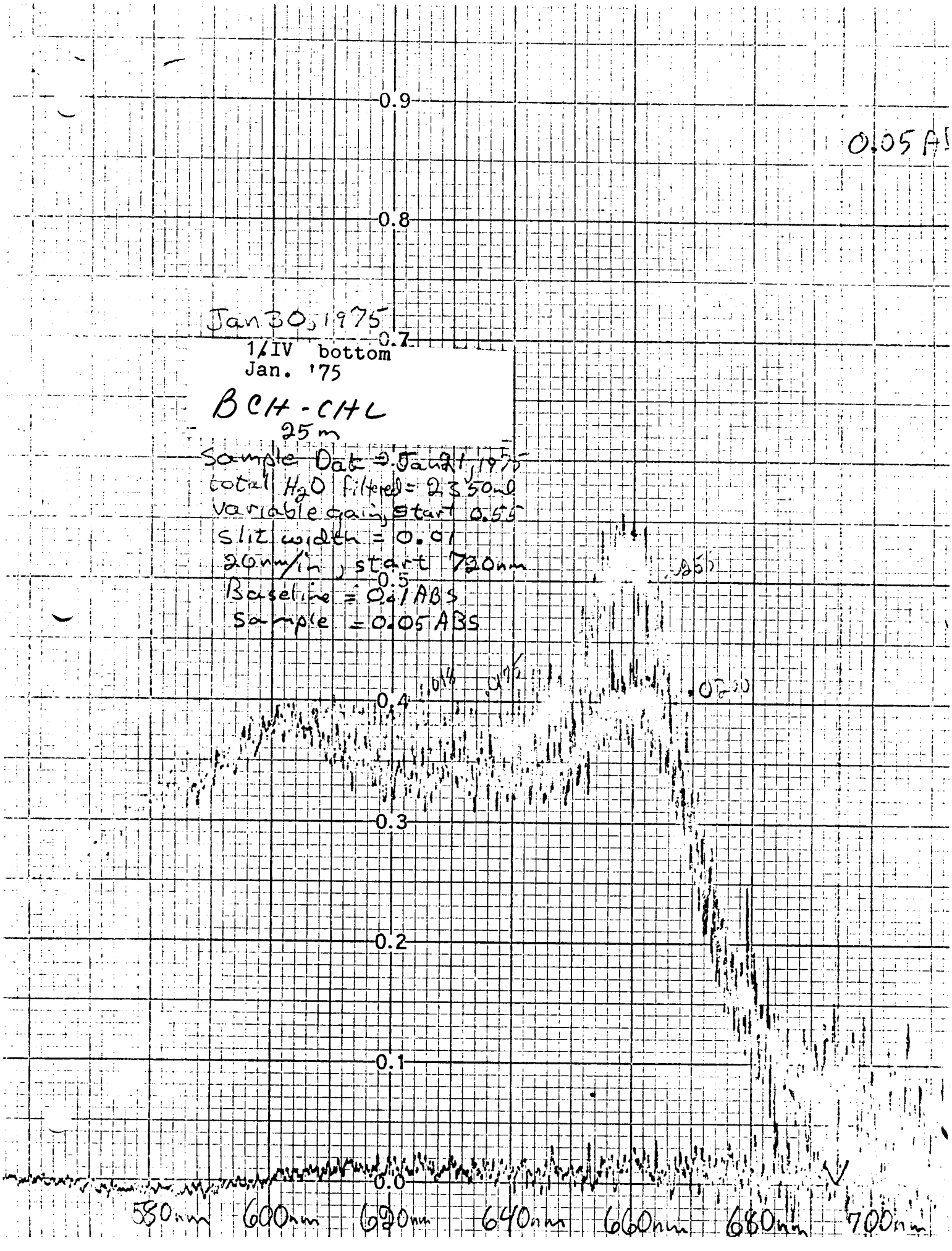

1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.1
Dec 20, 1974
Variable gain (.5 start)
slit width 0.2 - 01
210 nm/in start 220 nm
0.1 ABS
tot H2O filtered: 4400 ml
AZE-CHL
½ photic zone 3/III
Dec. '74

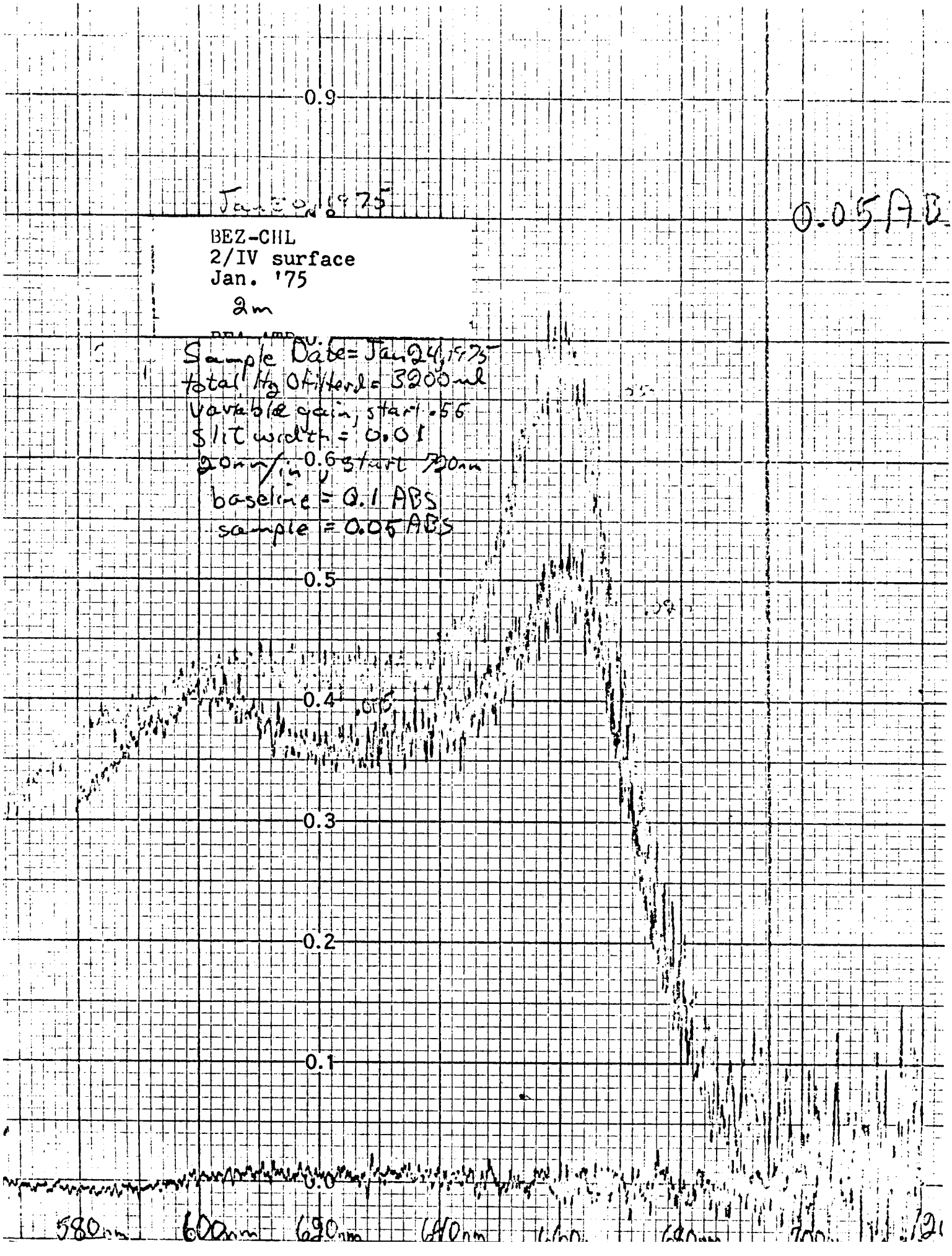


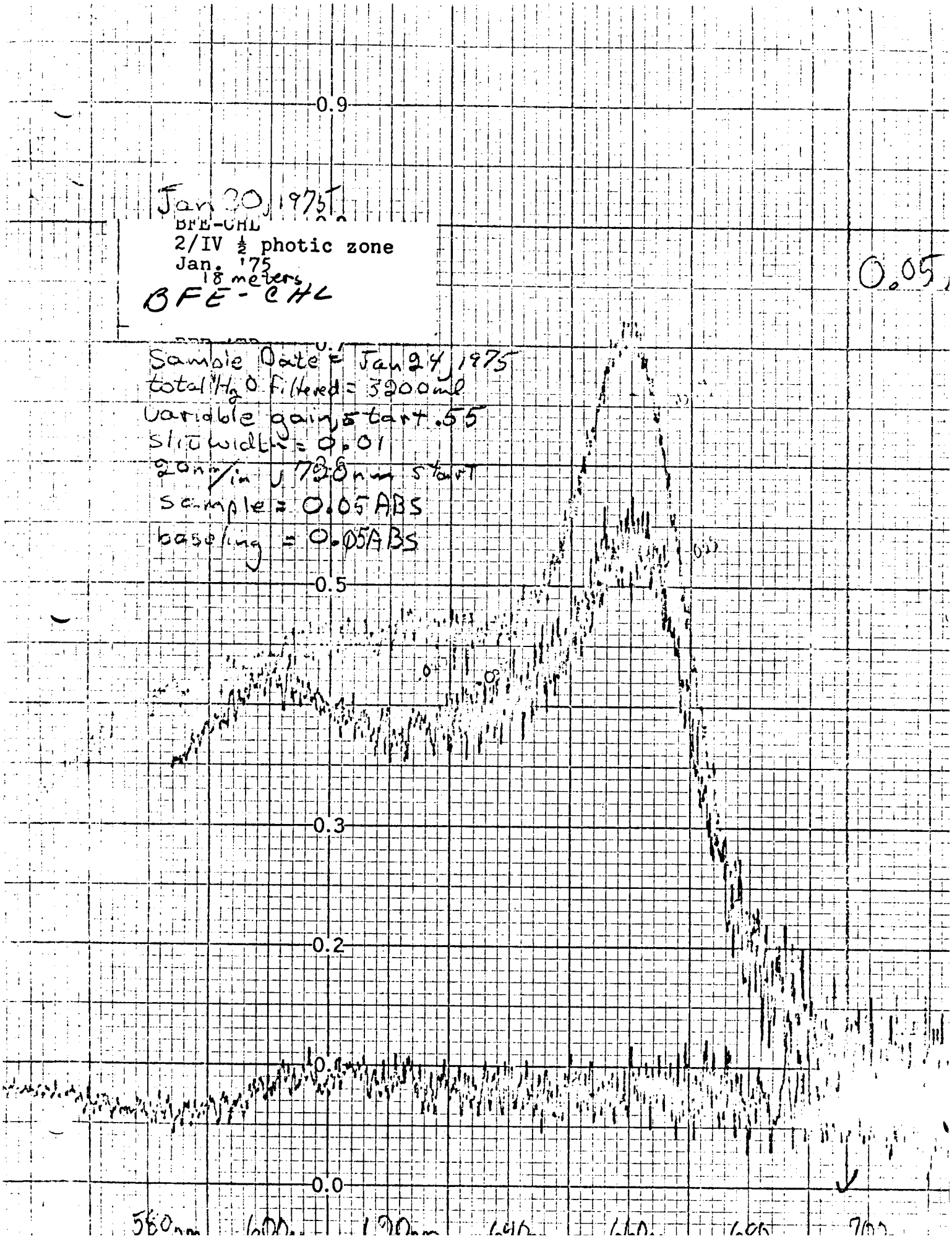
ec 20, 1974
ariable gain, start → .55
litwidth → .01
Start 720 nm
.05 ABS
H2O filtered = 4200 ml
CHL
om 3/III
'74
0.2
0.1
0.0
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.1
0.05 A

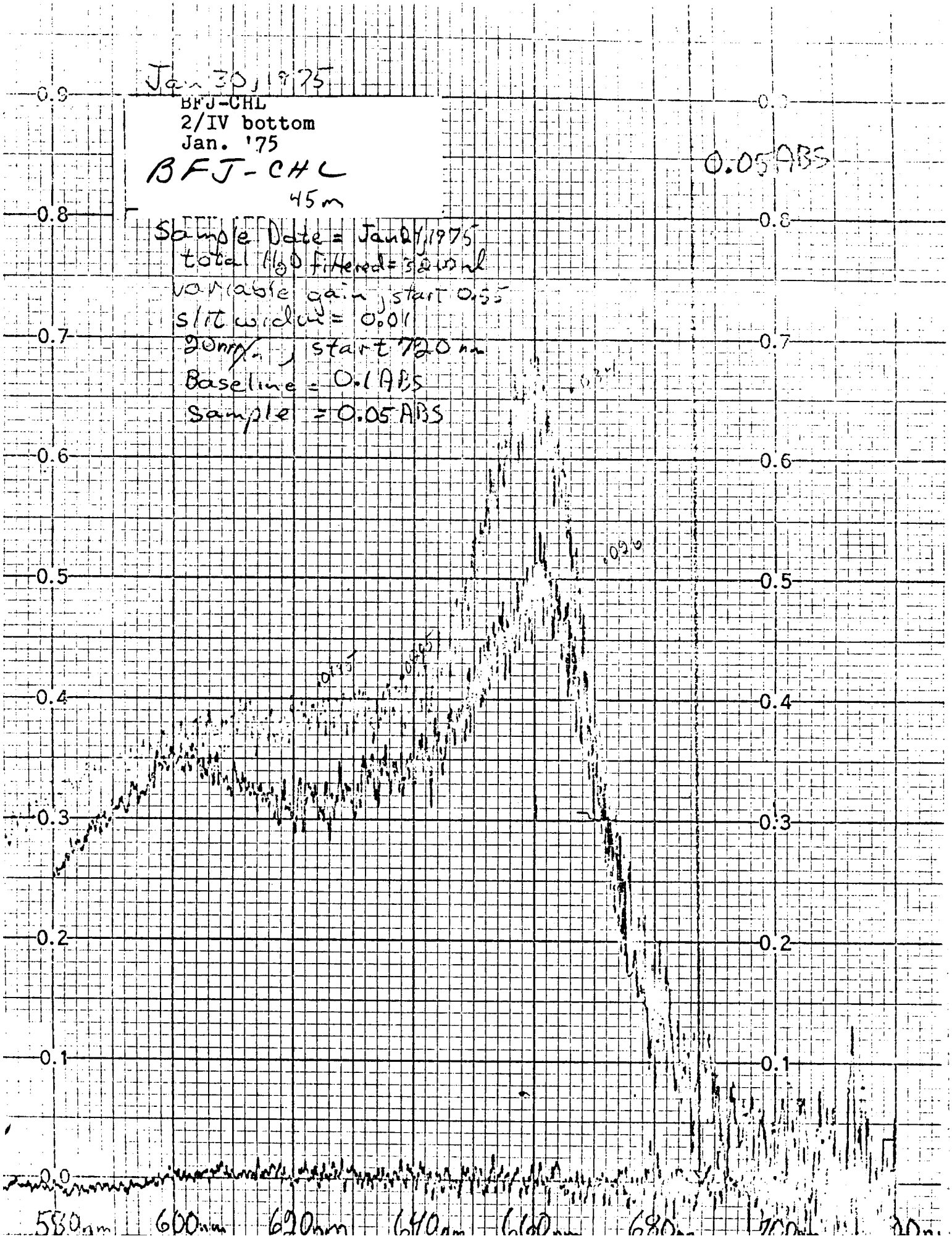

Jan. 30, 1975
BBX-CHL
1/IV surface
Jan. '75
2m
0.05 ABS
sample date = Jan 21 1975
total H2O filtered = 2800 ml
variable gain, start .55
slit width = 0.01
20nm/in start 720nm
baseline ABS = 0.1 ABS
sample ABS = 0.05 ABS
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
580nm
600nm
620nm

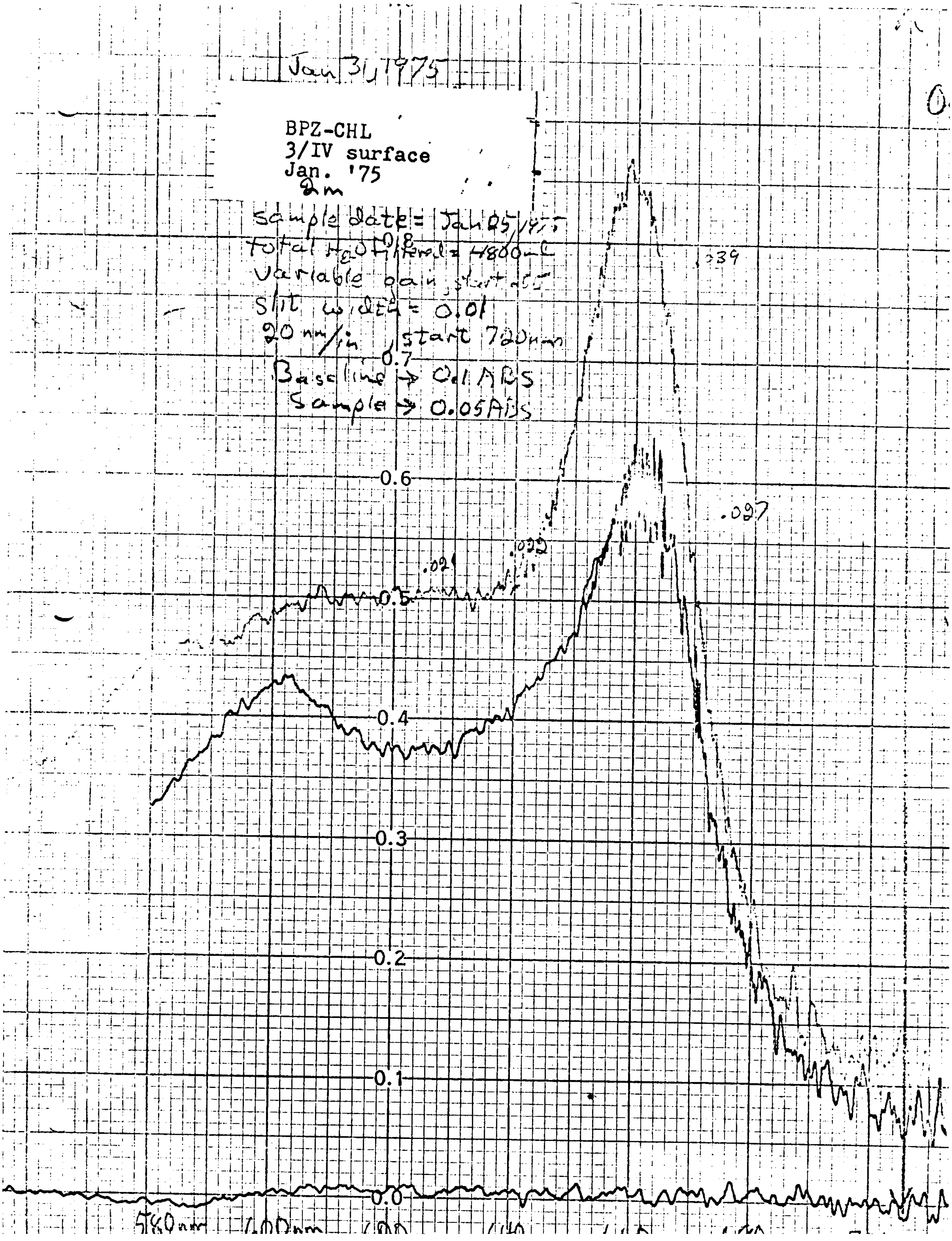

0.05 ABS
Jan 30, 1975
BCC-CHL
1/IV ½ photic zone
Jan. '75
7m
sample date = Jan 21, 1975
total H2O filtered = 2500 ml
variable gain, start .55
slit width = 0.01
20 nm/in start 720 nm
Baseline ABS = 0.05 ABS
Sample ABS = 0.05 ABS
0.9
0.8
0.7
0.6
0.5
0.3
0.2
0.1
0
550nm
600nm
680nm
640nm

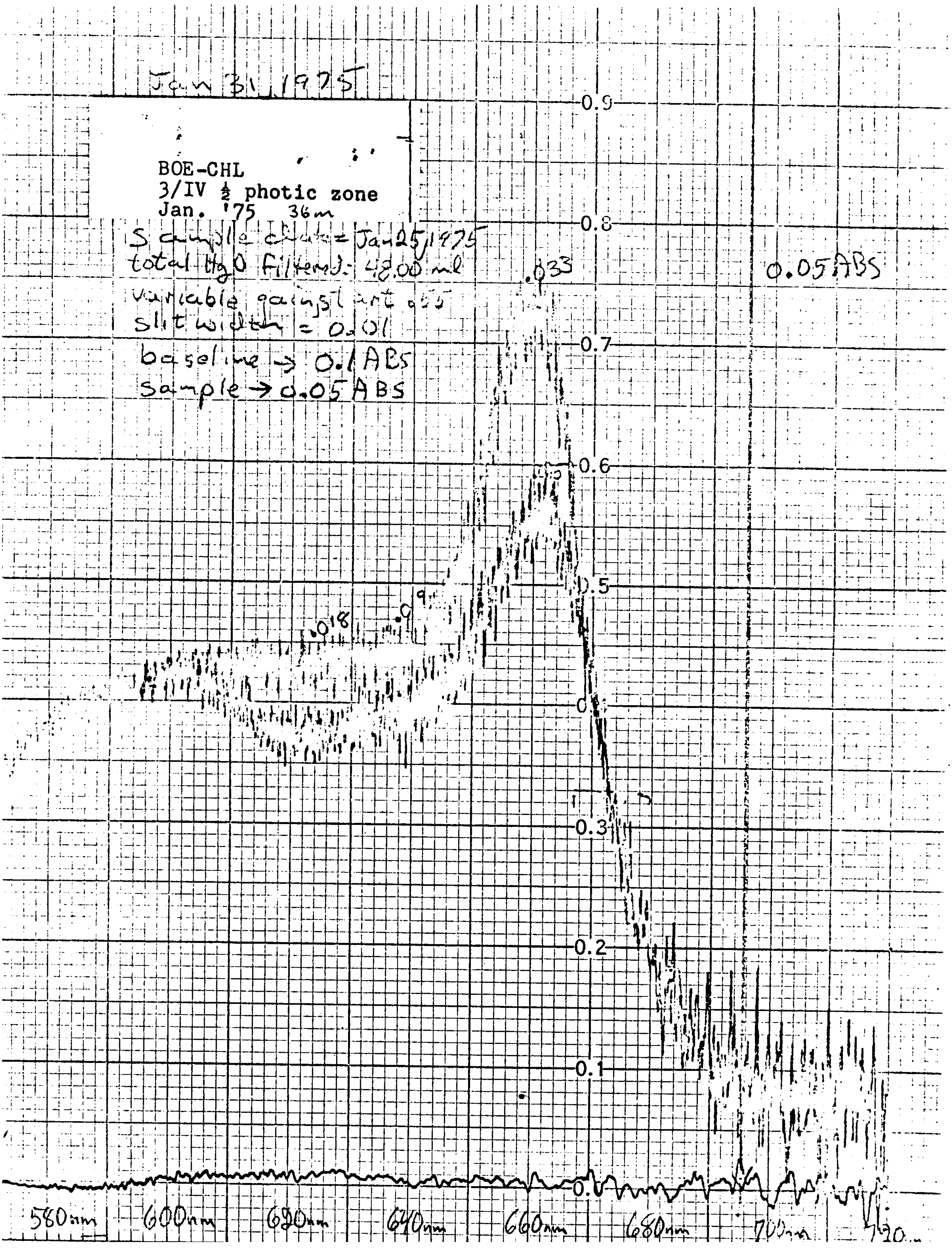

0.05 A
Jan 30, 1975
1/IV bottom
Jan. '75
BCH-CHL
25 m
Sample Dat = 5 Jan 21, 1975
total H2O filtered = 2350 ml
variable gain, start 0.55
slit width = 0.01
20nm/in, start 720nm
Baseline = 0.1 ABS
sample = 0.05 ABS
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
550nm
600nm
620nm
640nm
660nm
680nm
700nm

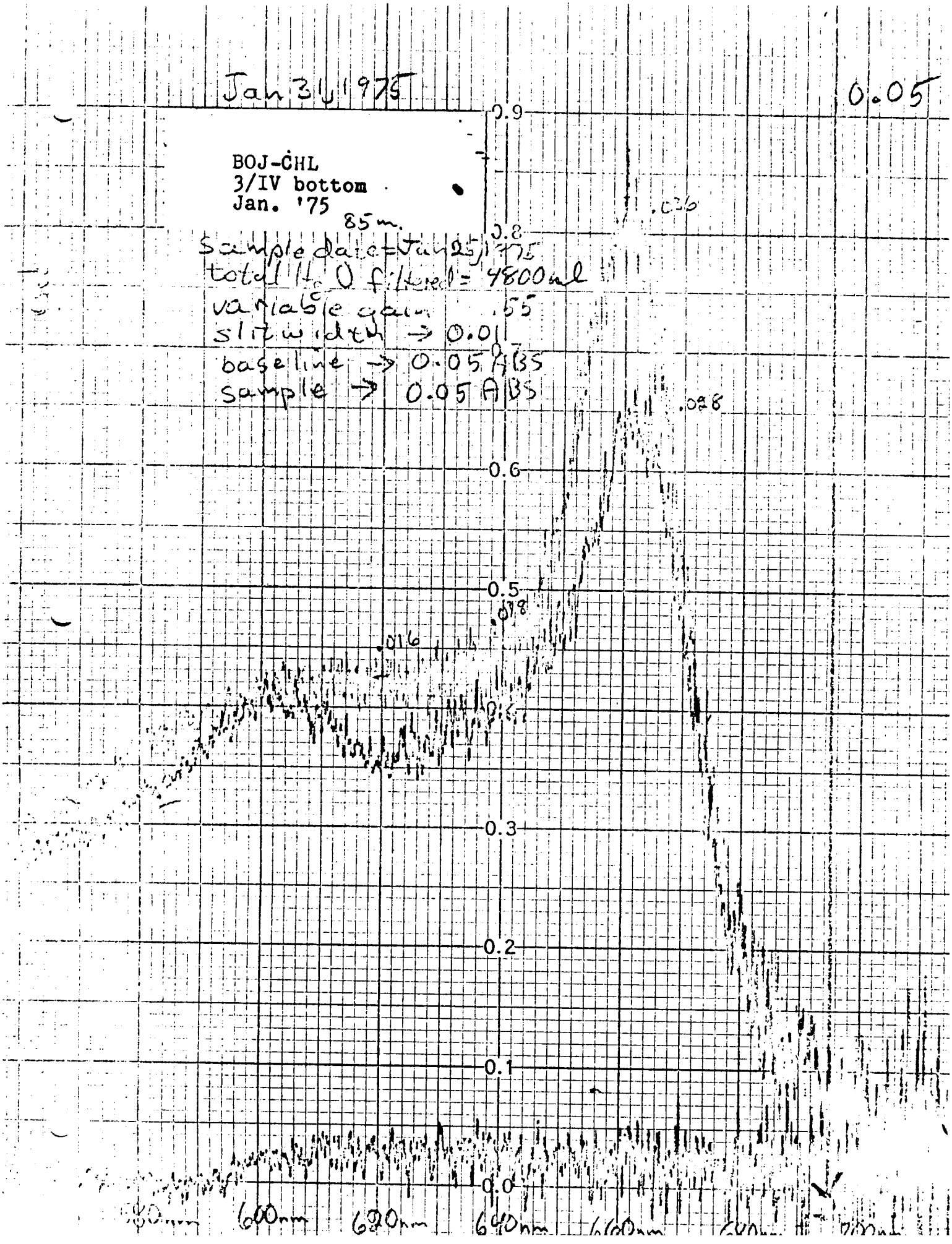

0.9
Jan 24 '75
0.05 AB
BEZ-CHL
2/IV surface
Jan. '75
2m
Sample Date = Jan 24, 1975
total Hg of filtered = 3200 ml
variable gain, start .56
slit width = 0.01
20nm/in 0.6 start 720nm
baseline = 0.1 ABS
sample = 0.05 ABS
0.5
0.4
0.3
0.2
0.1
0.0
580nm
600nm
620nm
640nm
660nm
680nm
700nm

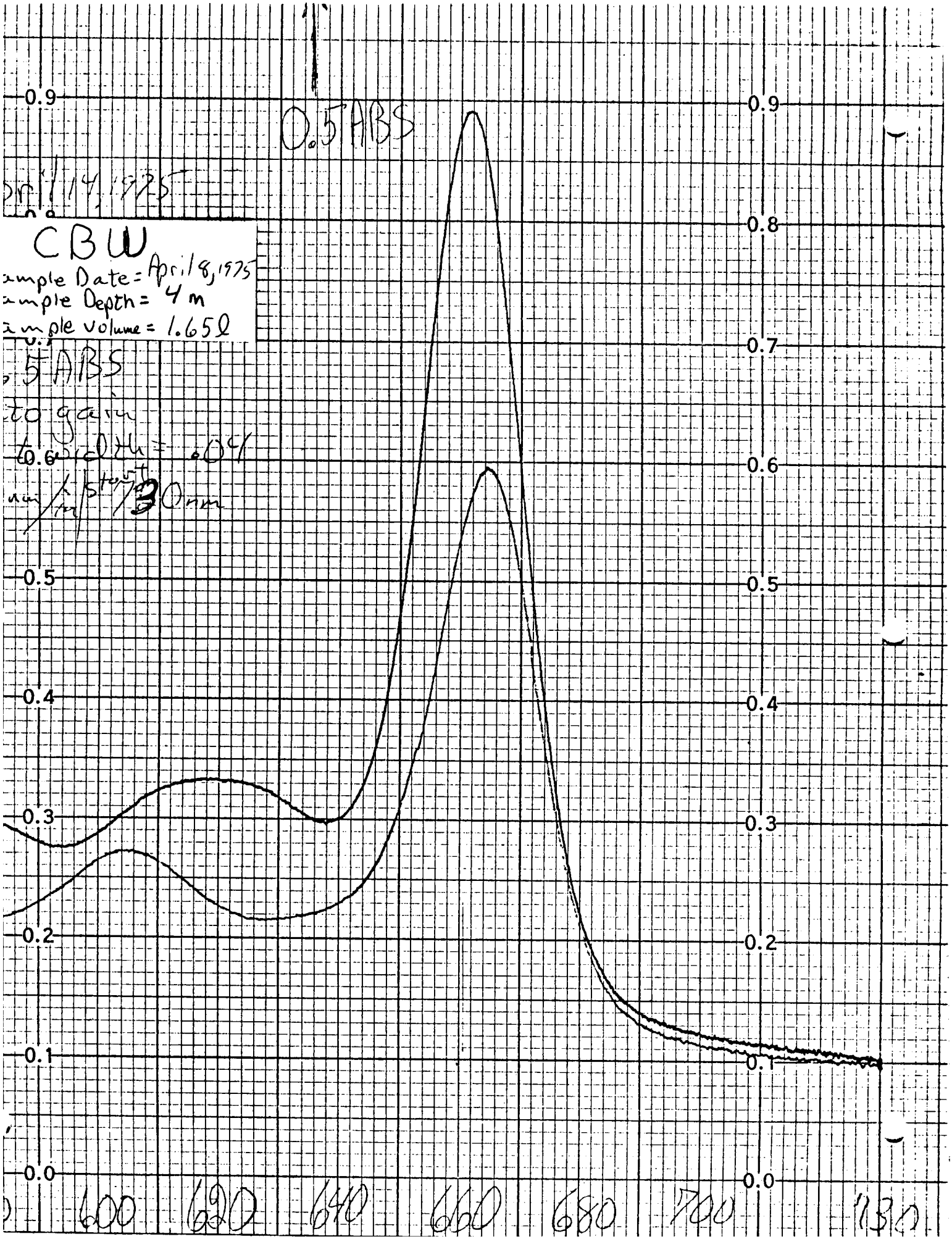

0.9
Jan 30, 1975
BFE-CHL
2/IV ½ photic zone
Jan. '75
18 meters
BFE-CHL
0.05
Sample Date = Jan 24, 1975
total Hg O filtered = 3200 ml
variable gain start .55
slit width = 0.01
20 nm/in 730 nm start
sample = 0.05 ABS
baseline = 0.05 ABS
0.5
0.3
0.2
0.0
560 nm
700

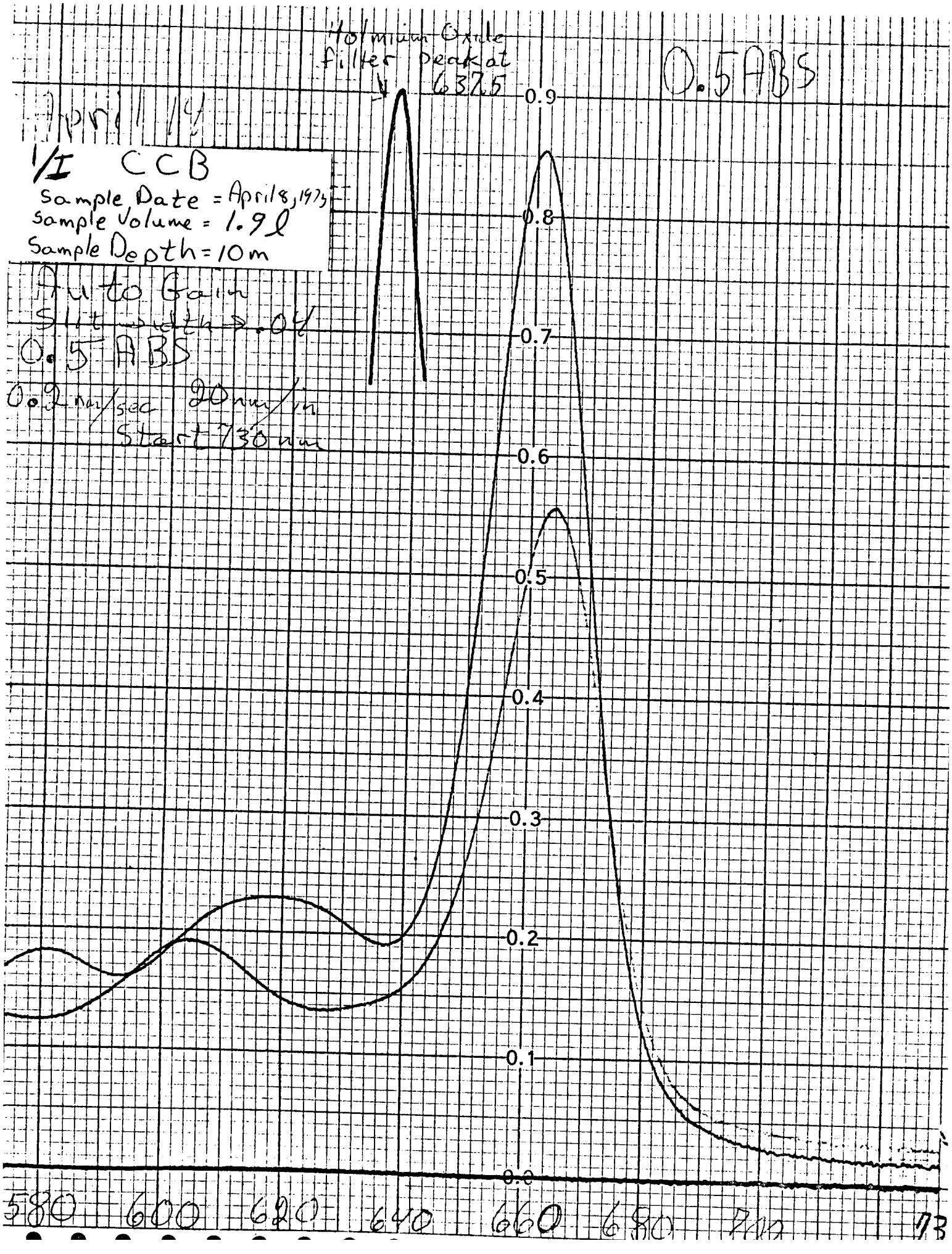

Jan 30, 1975
BFJ-CHL
2/IV bottom
Jan. '75
BFJ-CHL
45m
Sample Date = Jan24,1975
total H2O filtered = 32 ml
variable gain start 0.55
slit width = 0.01
20nm/in start 720 nm
Baseline = 0.1 ABS
Sample = 0.05 ABS
0.05 ABS
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
580nm
600nm
620nm
640nm
660nm
680nm

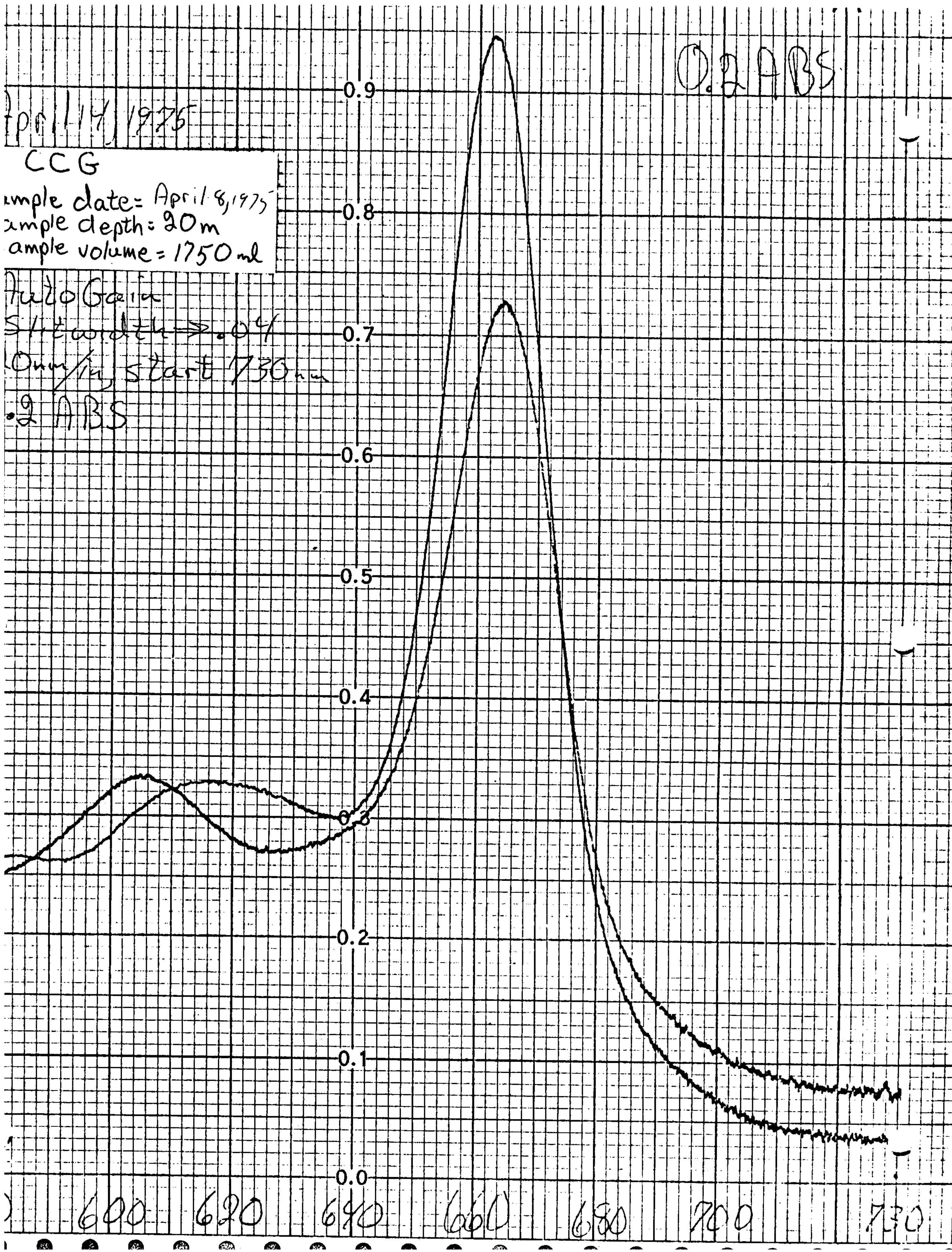

Jan 31, 1975
BPZ-CHL
3/IV surface
Jan. '75
2m
Sample date = Jan 25, 1975
total H2O filtered = 4800 ml
Variable gain
Slit width = 0.01
20 nm/in start 720nm
Baseline → 0.1 ABS
Sample → 0.05 ABS
.039
.097
.022
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
580nm
600nm

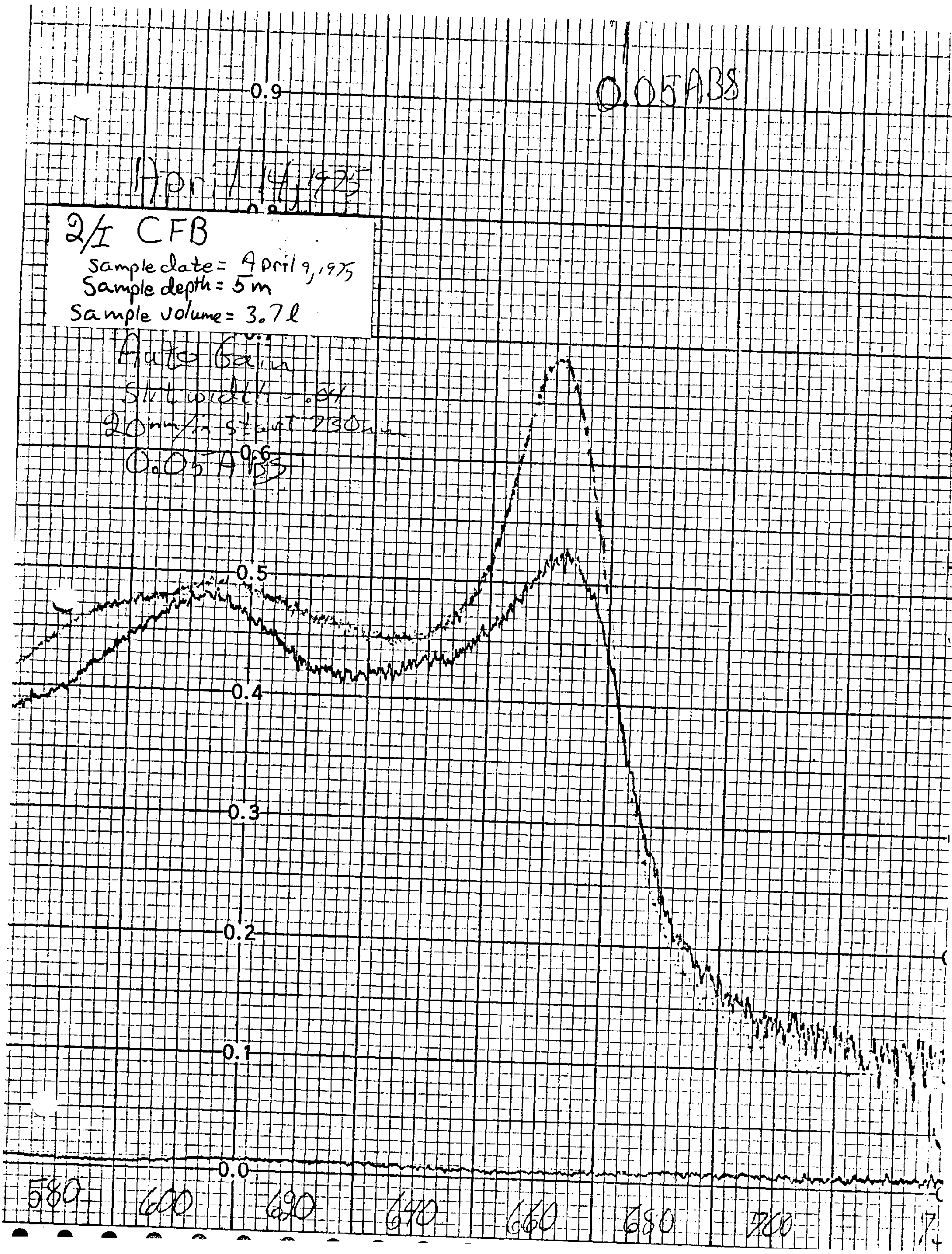

Jan 31, 1975
BOE-CHL
3/IV ½ photic zone
Jan. '75 36m
Sample date = Jan 25, 1975
total H2O filtered: 48.00 ml
slit width = 0.01
baseline → 0.1 ABS
sample → 0.05 ABS
.033
0.05 ABS
0.9
0.8
0.7
0.6
0.5
0.3
0.2
0.1
0.0
580nm
600nm
620nm
640nm
660nm
680nm
700nm
720

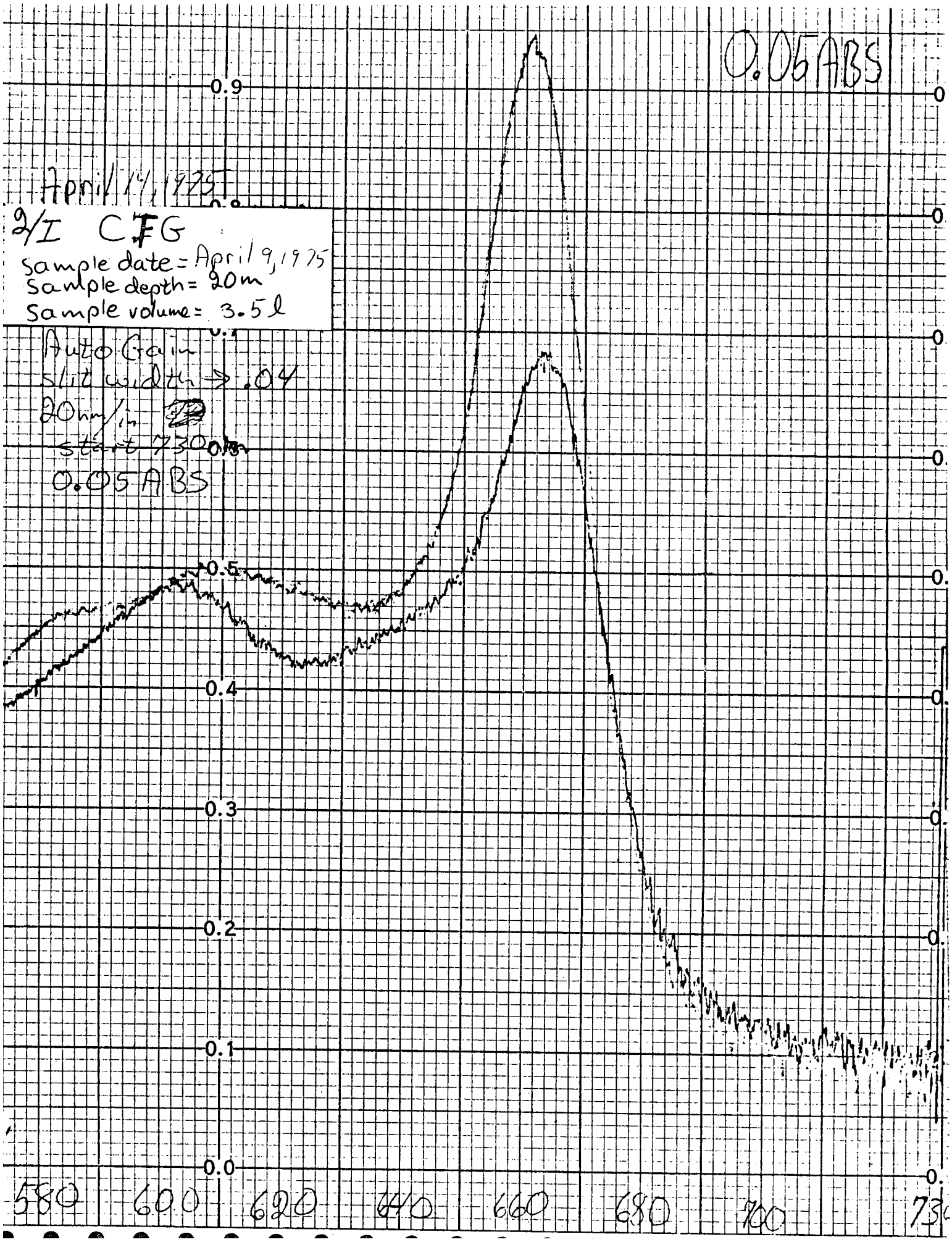

Jan 31 1975
0.05
BOJ-CHL
3/IV bottom
Jan. '75
85m.
Sample date=Jan 25 1975
total H2O filtered = 4800 ml
variable gain .55
slit width → 0.01
baseline → 0.05 ABS
sample → 0.05 ABS
0.9
0.8
0.6
0.5
0.3
0.2
0.1
0.0
.026
.028
.018
.016
600nm
620nm
640nm

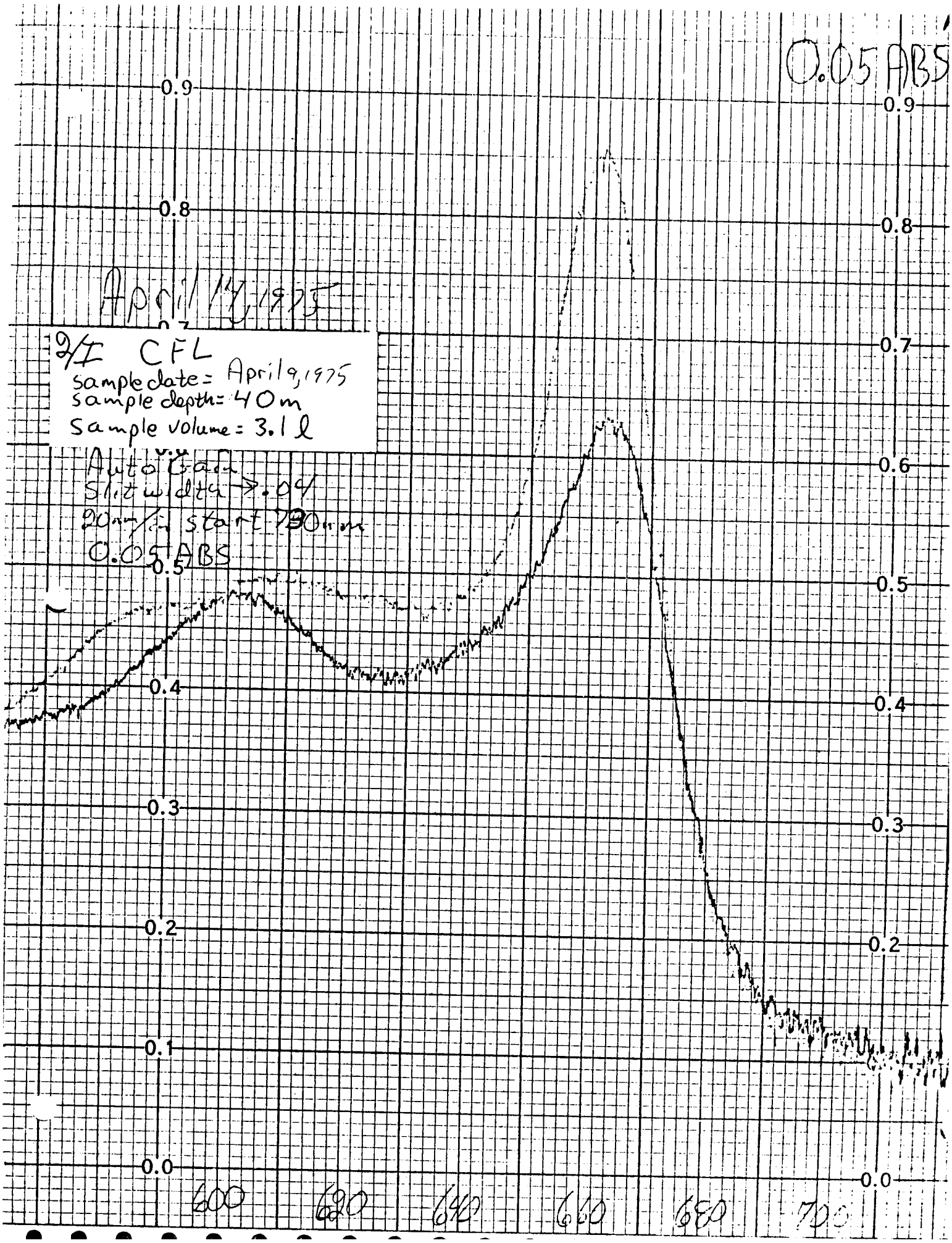

0.5 ABS
CBW
ample Date = April 8, 1975
ample Depth = 4 m
ample volume = 1.65 l
.5 ABS
to scale
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
600
620
640
660
680
700
730

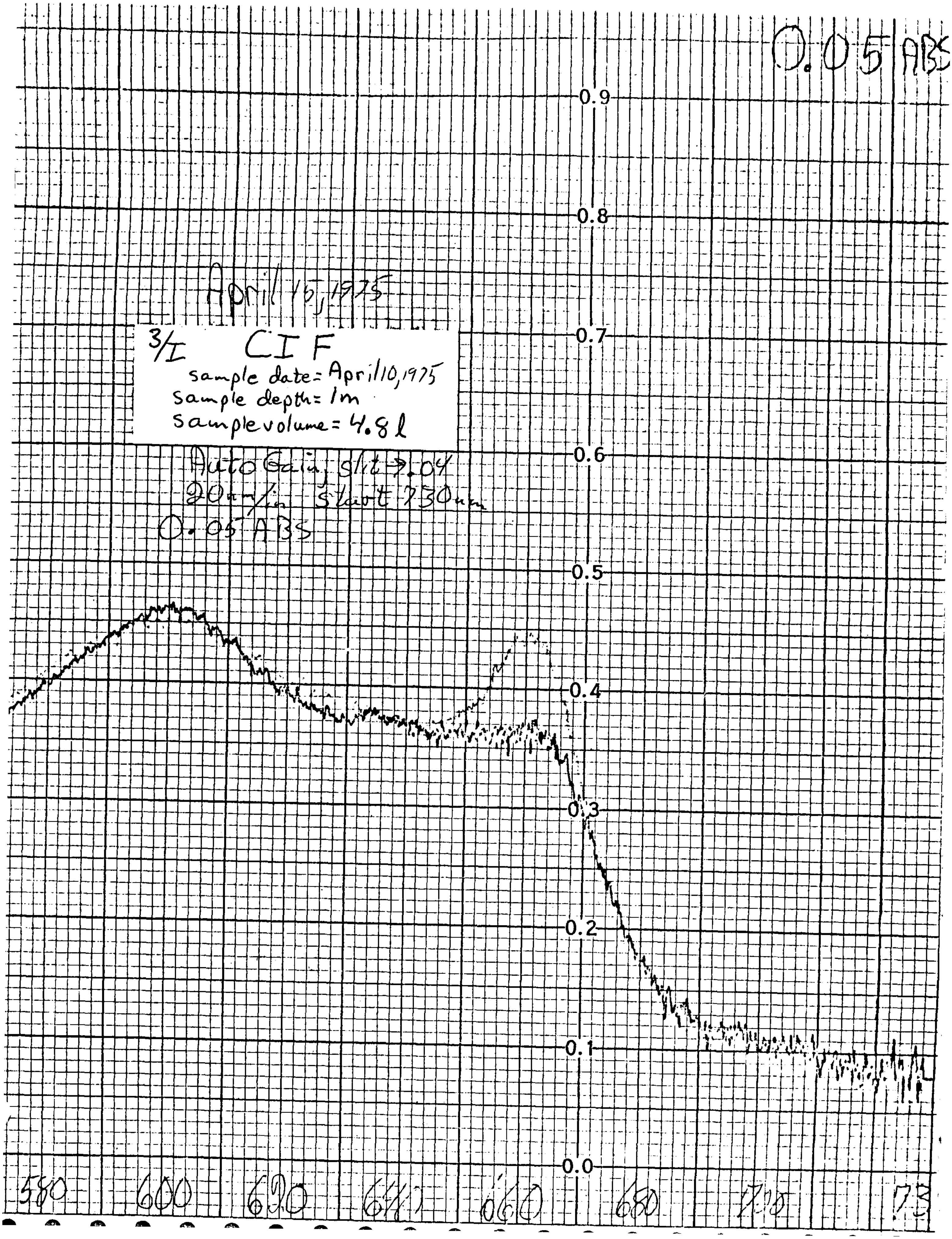

April 14
1/I CCB
Sample Date = April 8, 1975
Sample Volume = 1.9 l
Sample Depth = 10 m
Auto Gain
Slit width → .04
0.5 ABS
0.2 nm/sec 20 nm/in
Start 730 nm
40 micron Oxide filter peak at 637.5
0.5 ABS
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
580
600
620
640
660
680
nm

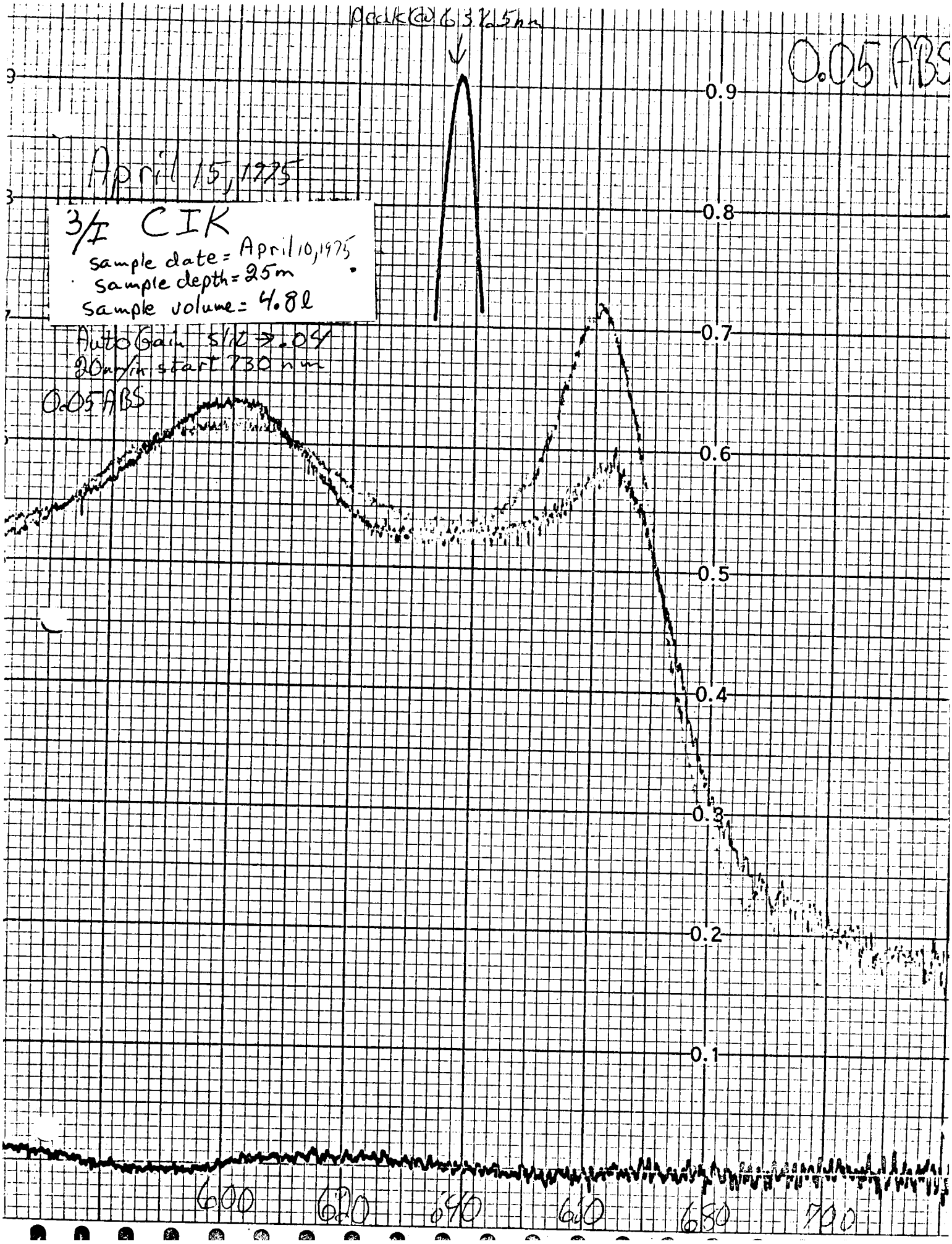

0.2 ABS
Apr 14, 1975
CCG
ample date= April 8, 1975
ample depth= 20m
ample volume= 1750 ml
AutoGain
Slitwidth → .04
0nm/m start 730nm
.2 ABS
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
600
620
640
660
680
700
730

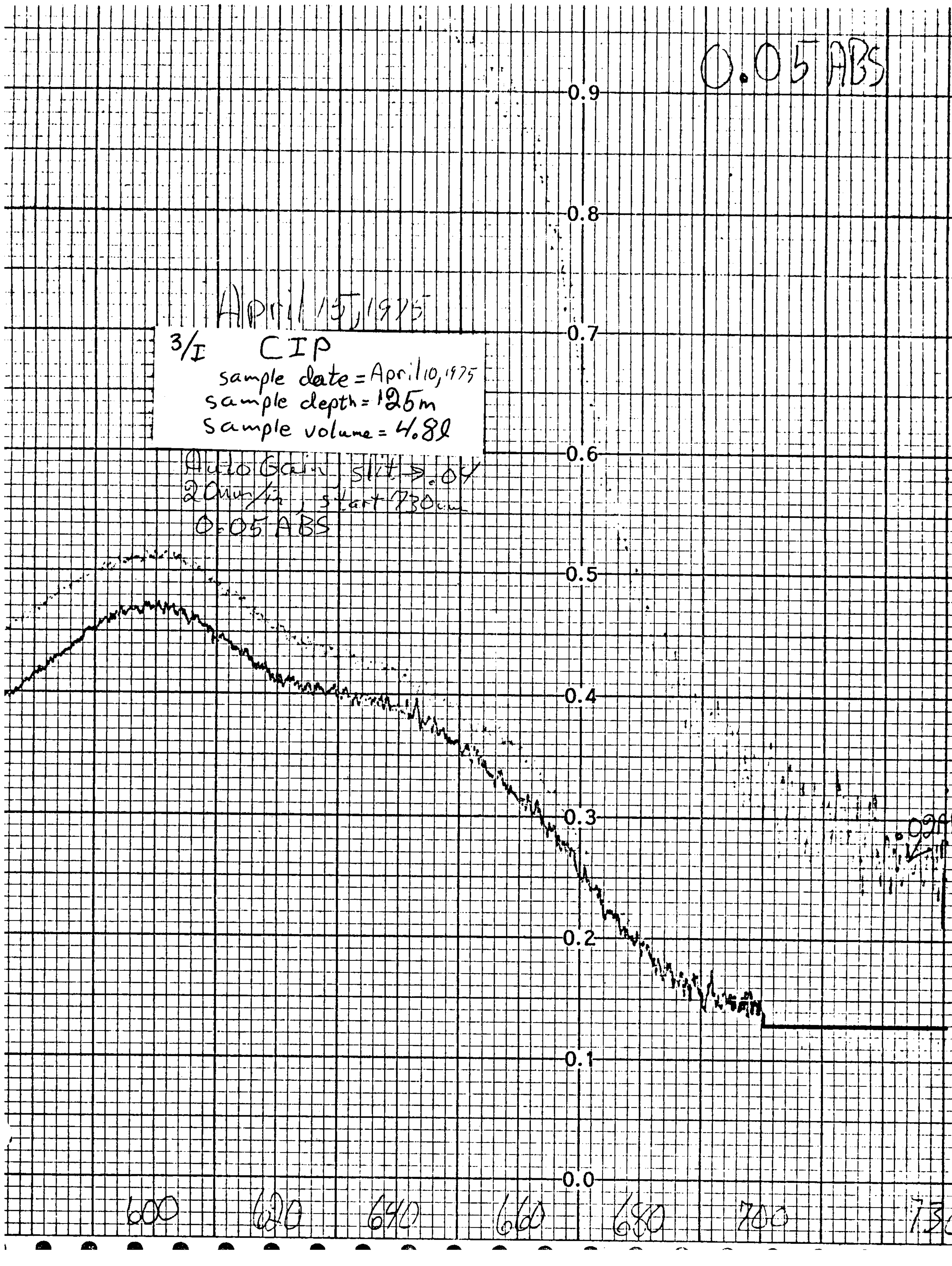

0.05ABS
April 14, 1975
2/I CFB
sample date = April 9, 1975
Sample depth = 5 m
Sample volume = 3.7 l
Auto Gain
Slit width - .04
20nm/in start 730nm
0.05 ABS
0.9
0.6
0.5
0.4
0.3
0.2
0.1
0.0
580
600
620
640
660
680
700


0.05 ABS
April 14, 1975
2/I CFG
Sample date = April 9, 1975
Sample depth = 20m
Sample volume = 3.5 l
Auto Gain
slit width → .04
20nm/in
start 730
0.05 ABS
0.9
0.5
0.4
0.3
0.2
0.1
0.0
580
600
620
640
660
680
700

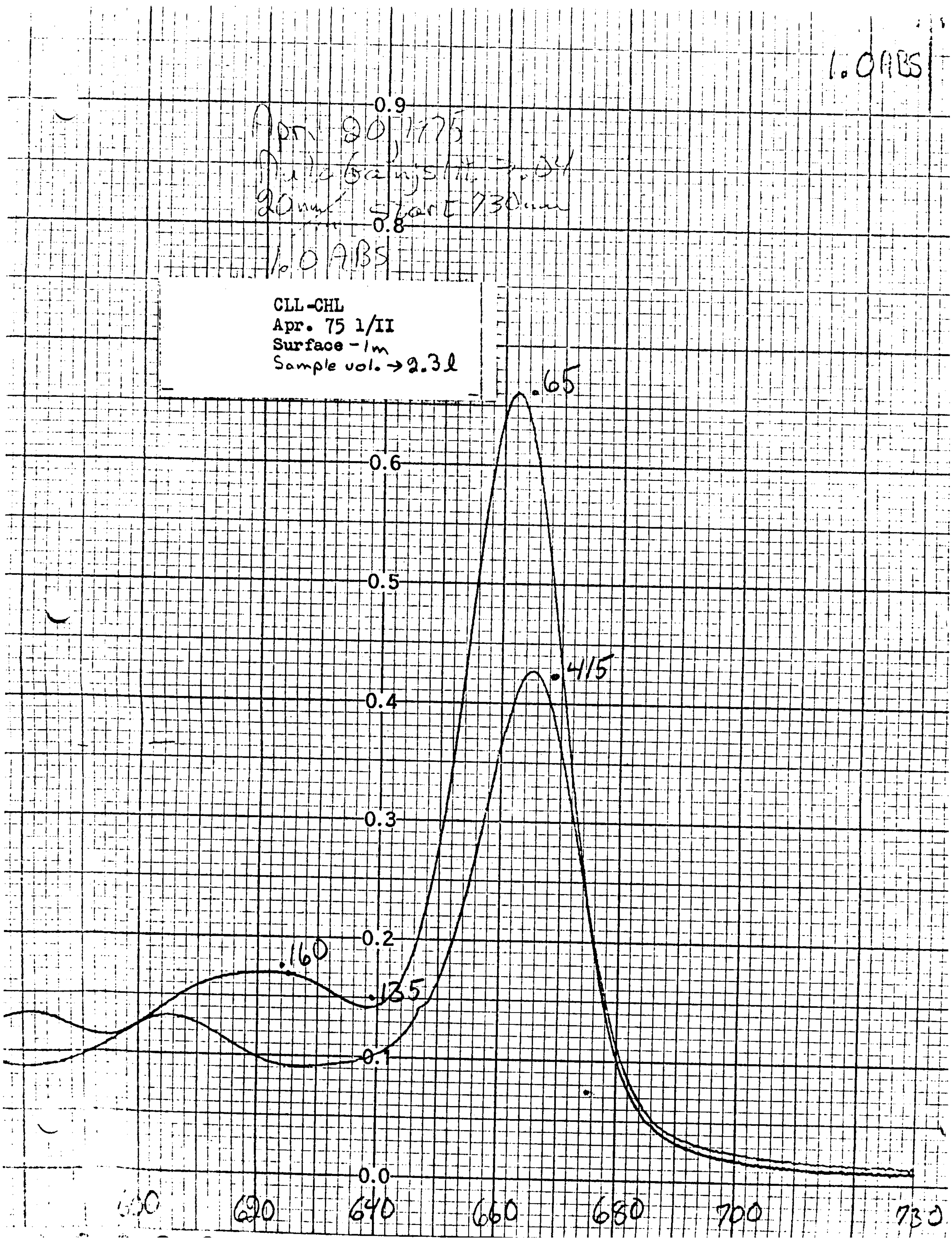

0.05 ABS
April 14, 1975
2/I CFL
sample date = April 9, 1975
sample depth = 40 m
sample volume = 3.1 l
Auto Cary
Slit width → .04
20 mm/in start 720 mm
0.05 ABS
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
600
620
640
660
680
700

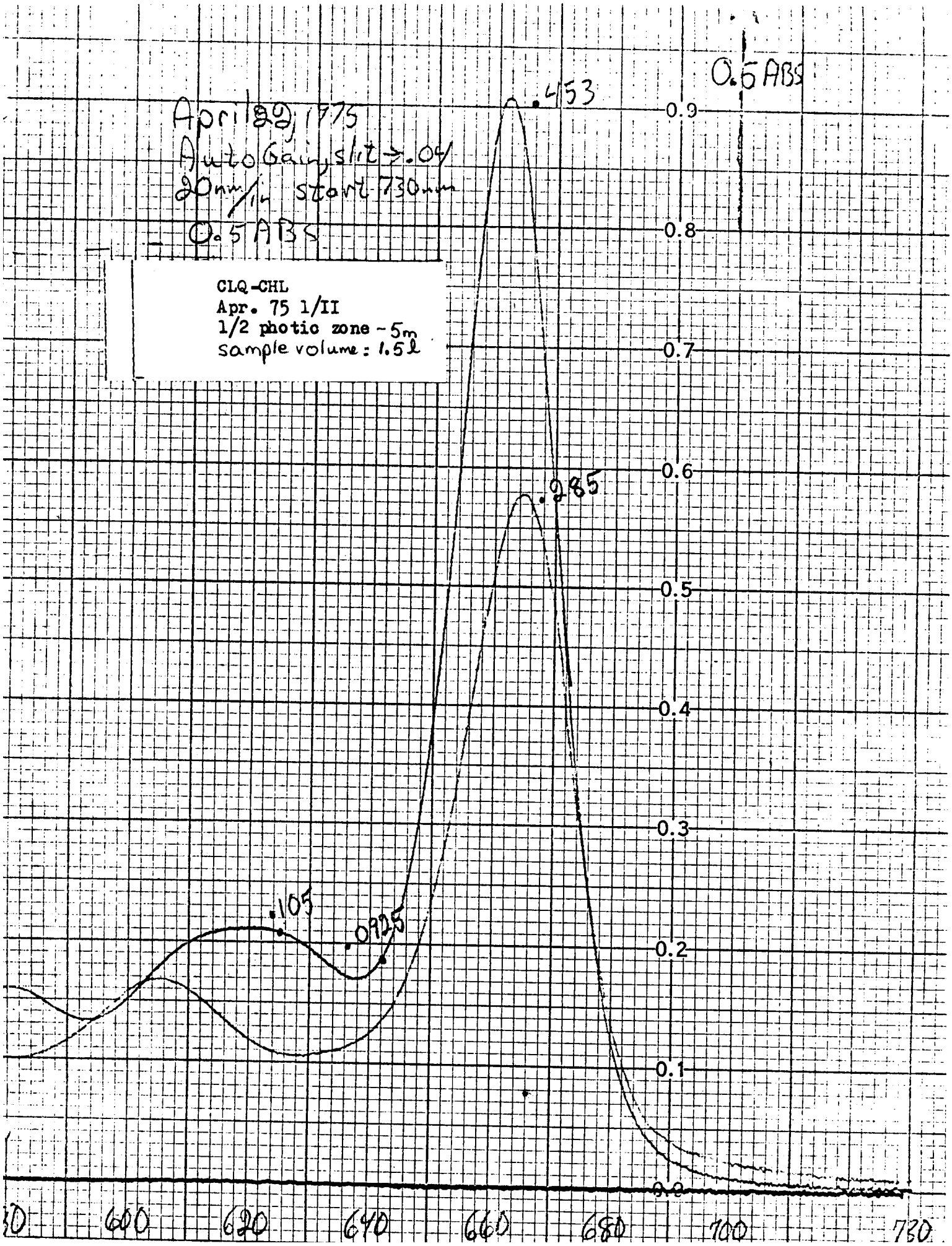

0.05 ABS
April 15, 1975
3/I CIF
sample date= April 10, 1975
sample depth= 1m
sample volume= 4.8 l
Auto Gain
start 730nm
0.05 ABS
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
580
600
620
640
660
680
700
73

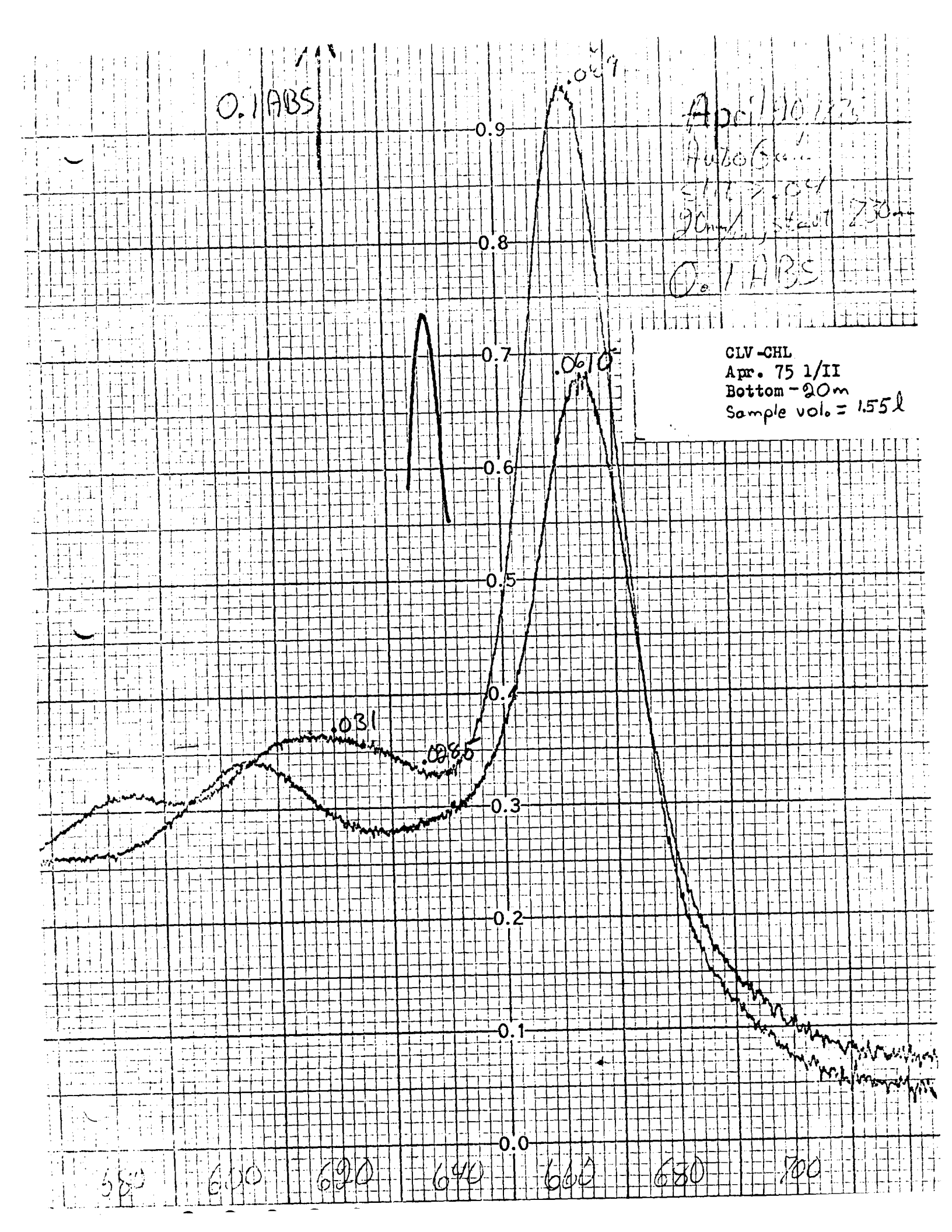

Peak @ 632.5nm
0.05 ABS
April 15, 1975
3/I CIK
sample date = April 10, 1975
sample depth = 25m
sample volume = 4.8l
Auto Gain s/R ⇒ .05
20nm/in start 730 nm
0.05 ABS
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
600
620
640
660
680
700

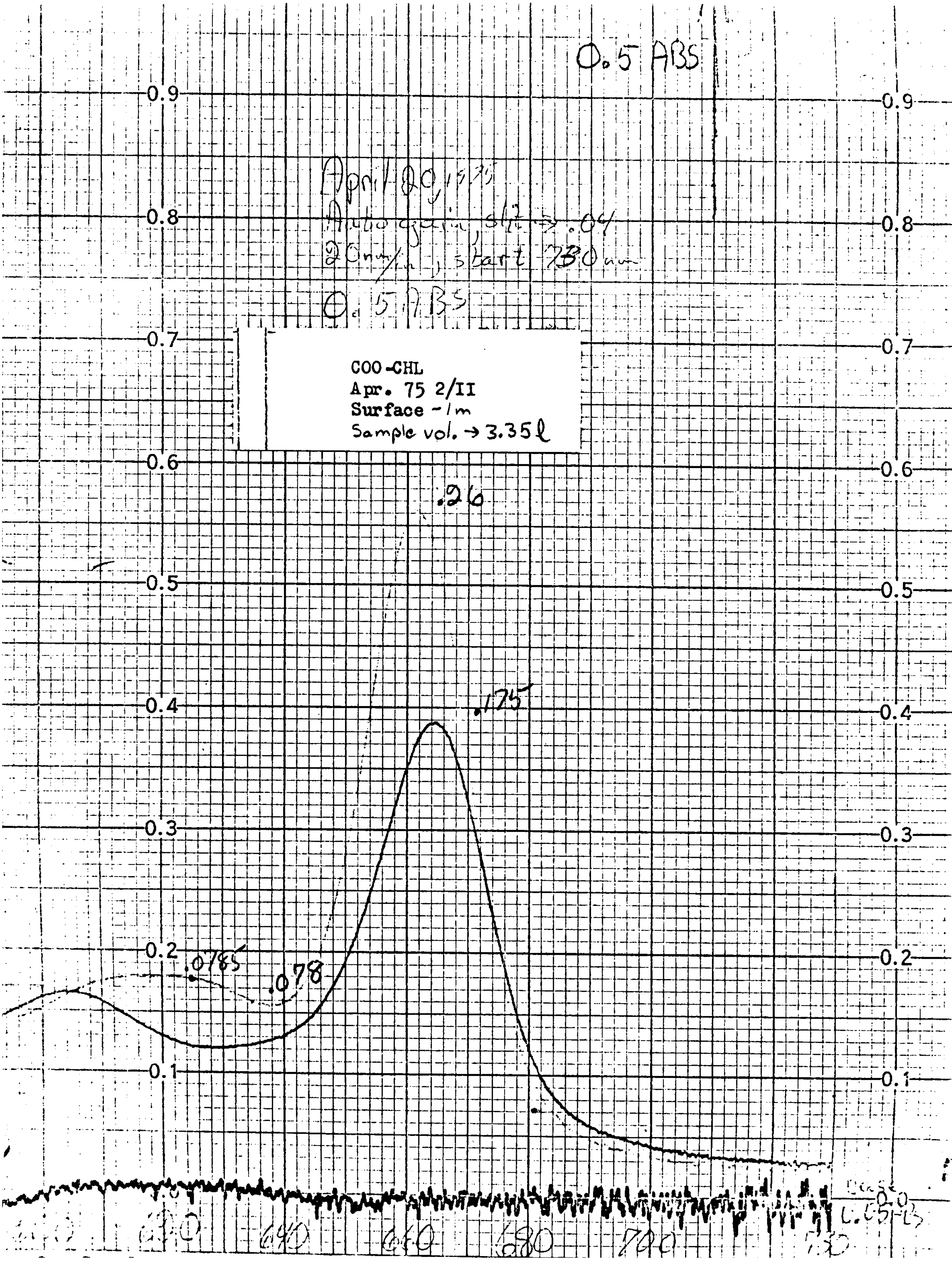


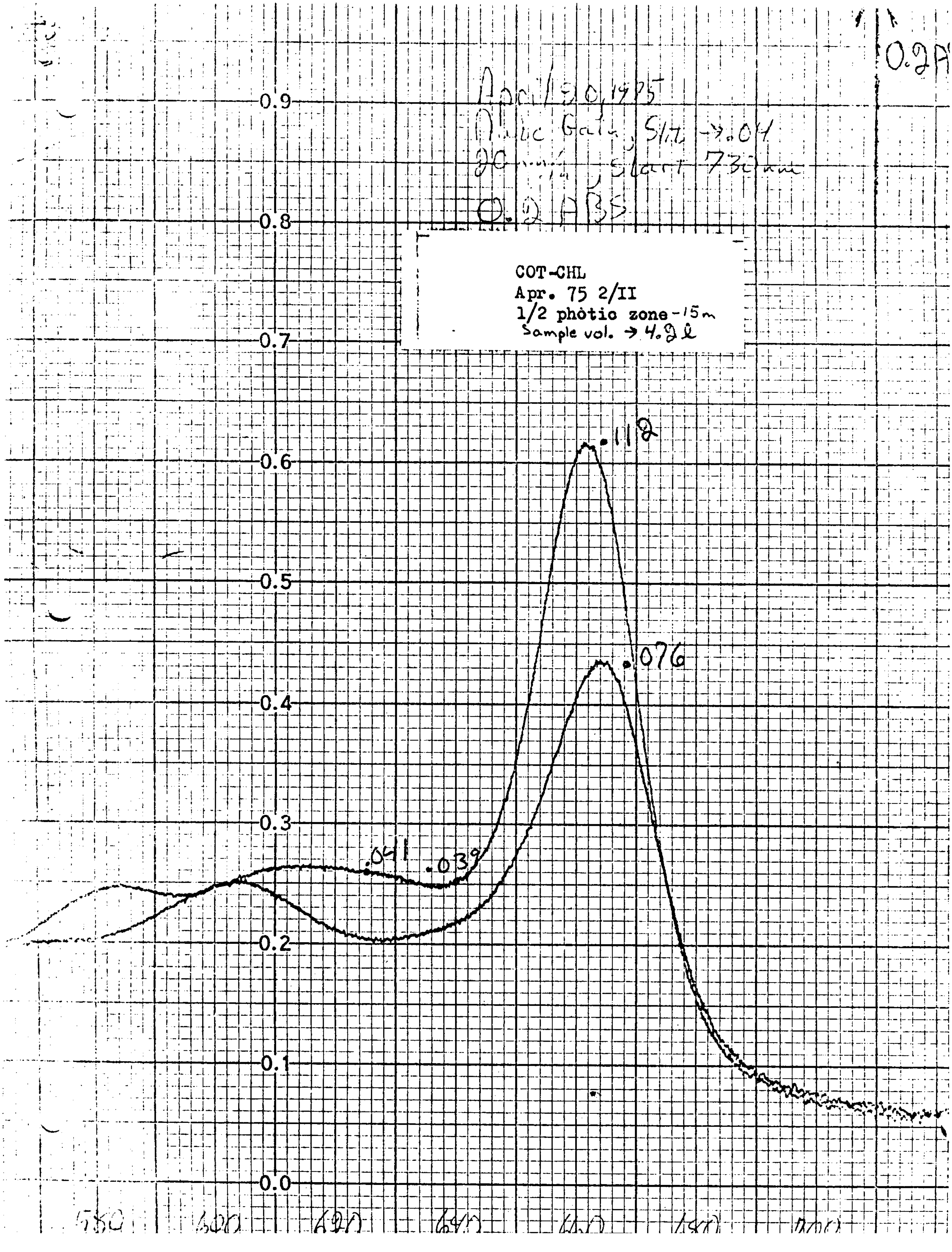
0.05 ABS
April 15, 1975
3/I CIP
sample date = April 10, 1975
sample depth = 125m
sample volume = 4.8l
Auto Gain, slit ≥ .04
20nm/in, start 730nm
0.05 ABS
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
600
620
640
660
680
700

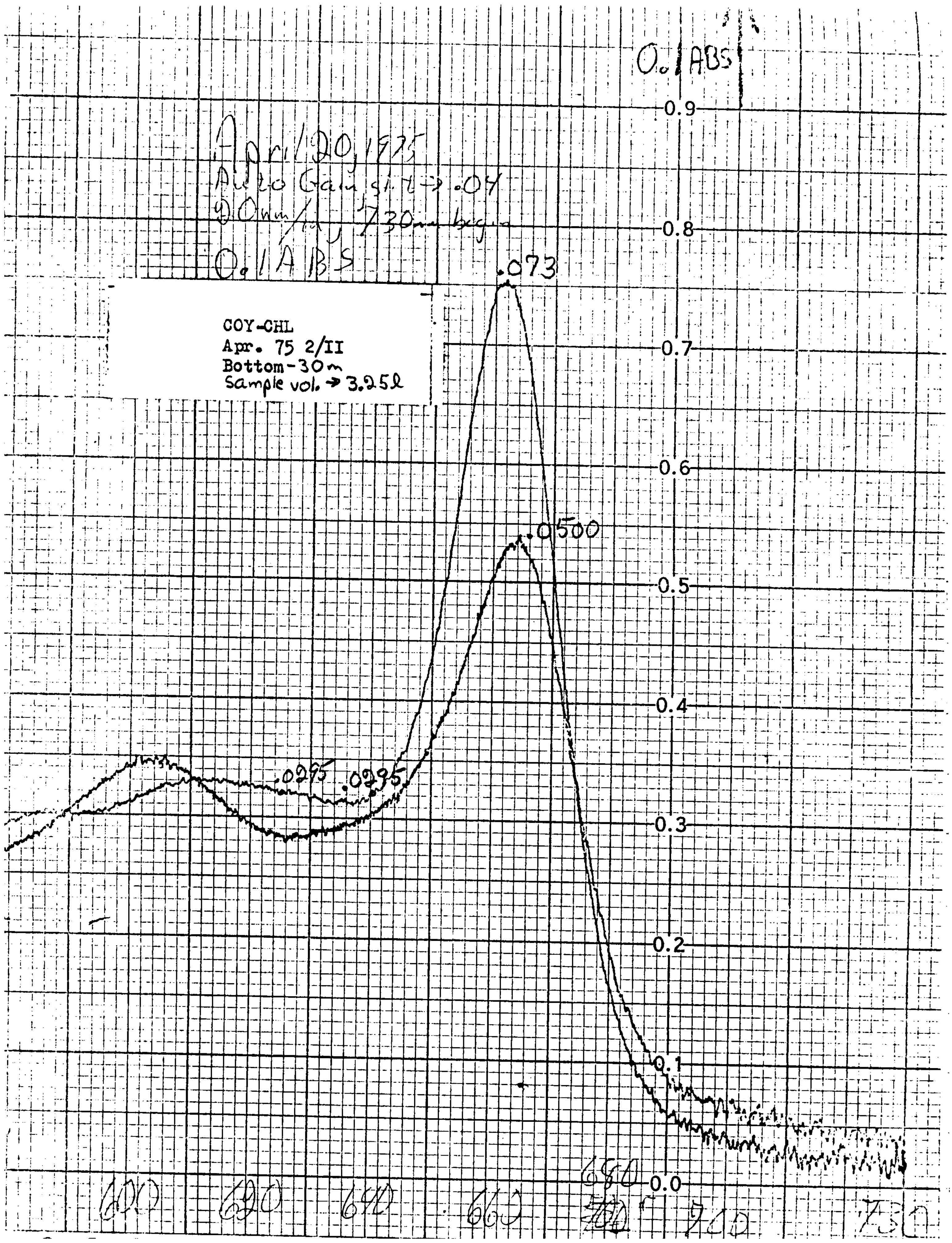

1.0 ABS
0.9
0.8
1.0 ABS
CLL-CHL
Apr. 75 1/II
Surface - 1m
Sample vol. → 2.3 l
.65
0.6
0.5
.415
0.4
0.3
0.2
.160
.135
0.1
0.0
620
640
660
680
700
730


April 29, 1975
Auto Gain, slit → .04
20nm/in start 730nm
0.5 ABS
0.5 ABS
CLQ-CHL
Apr. 75 1/II
1/2 photic zone - 5m
sample volume: 1.5l
.453
.285
.105
.0925
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
600
620
640
660
680
700
730

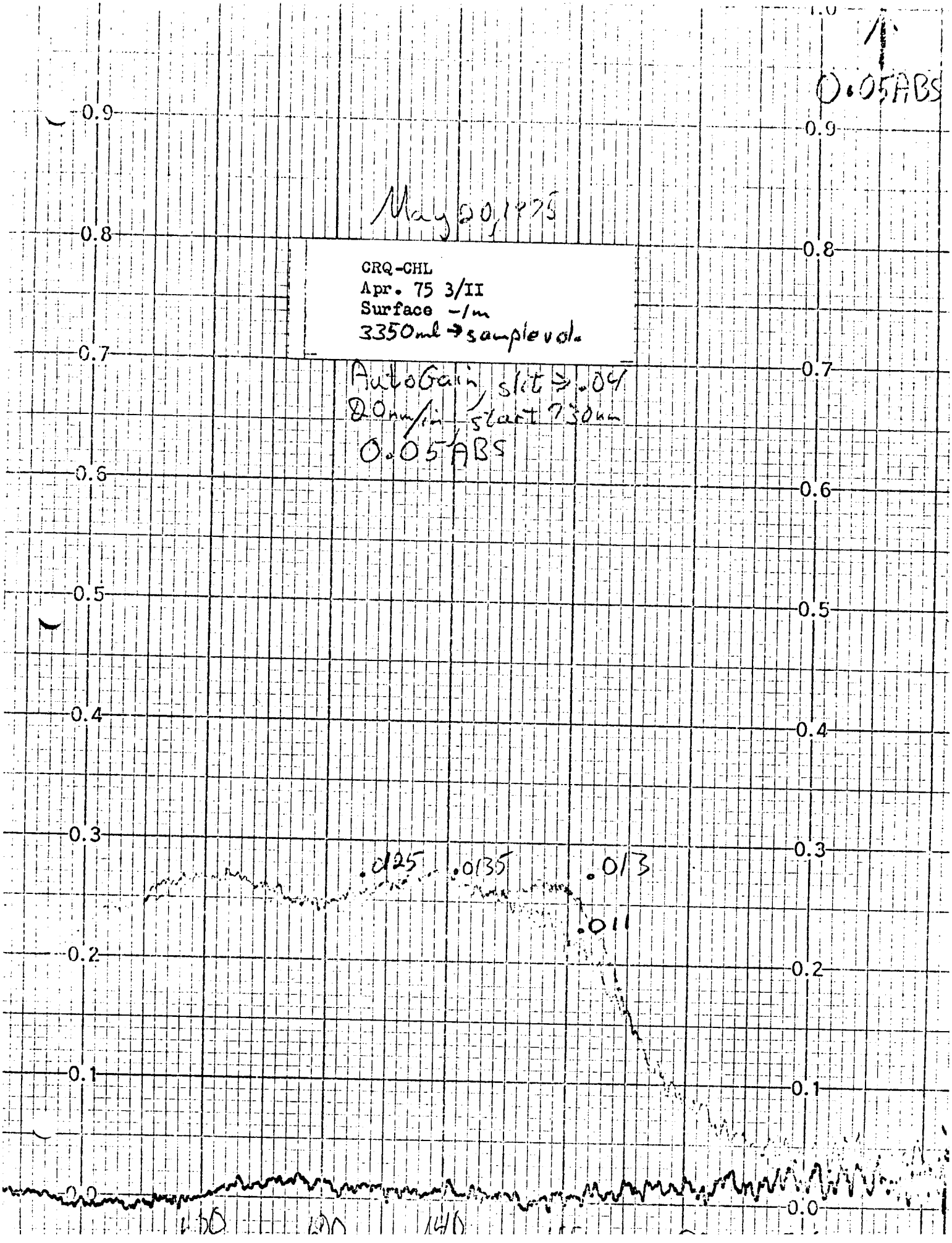

0.1 ABS
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
.061
.031
.086
CLV-CHL
Apr. 75 1/II
Bottom - 20m
Sample vol. = 1.55 l
580
600
620
640
660
680
700

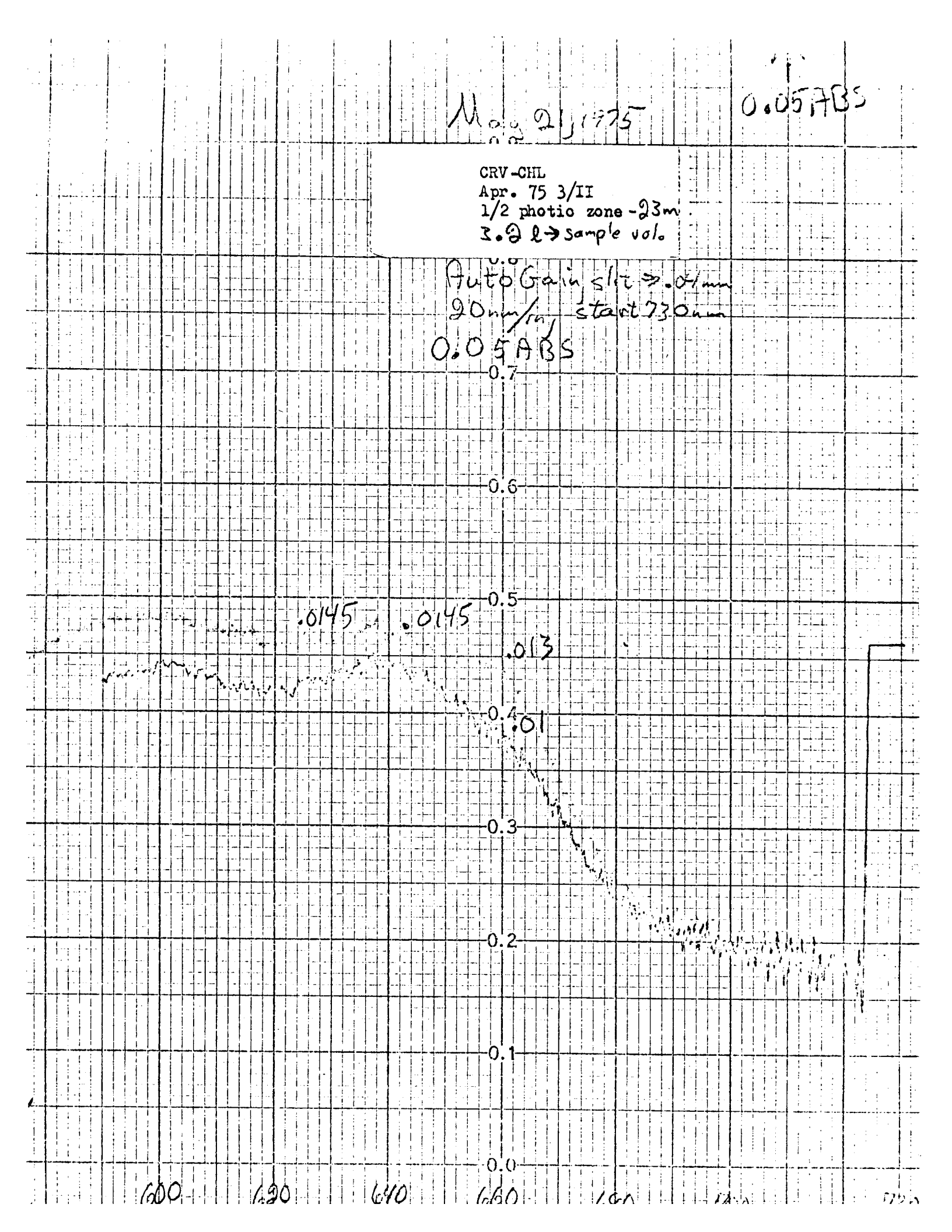

0.5 ABS
0.5 ABS
COO-CHL
Apr. 75 2/II
Surface -1m
Sample vol. → 3.35 l
.26
.175
.0785
.078
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
640
660
680
700

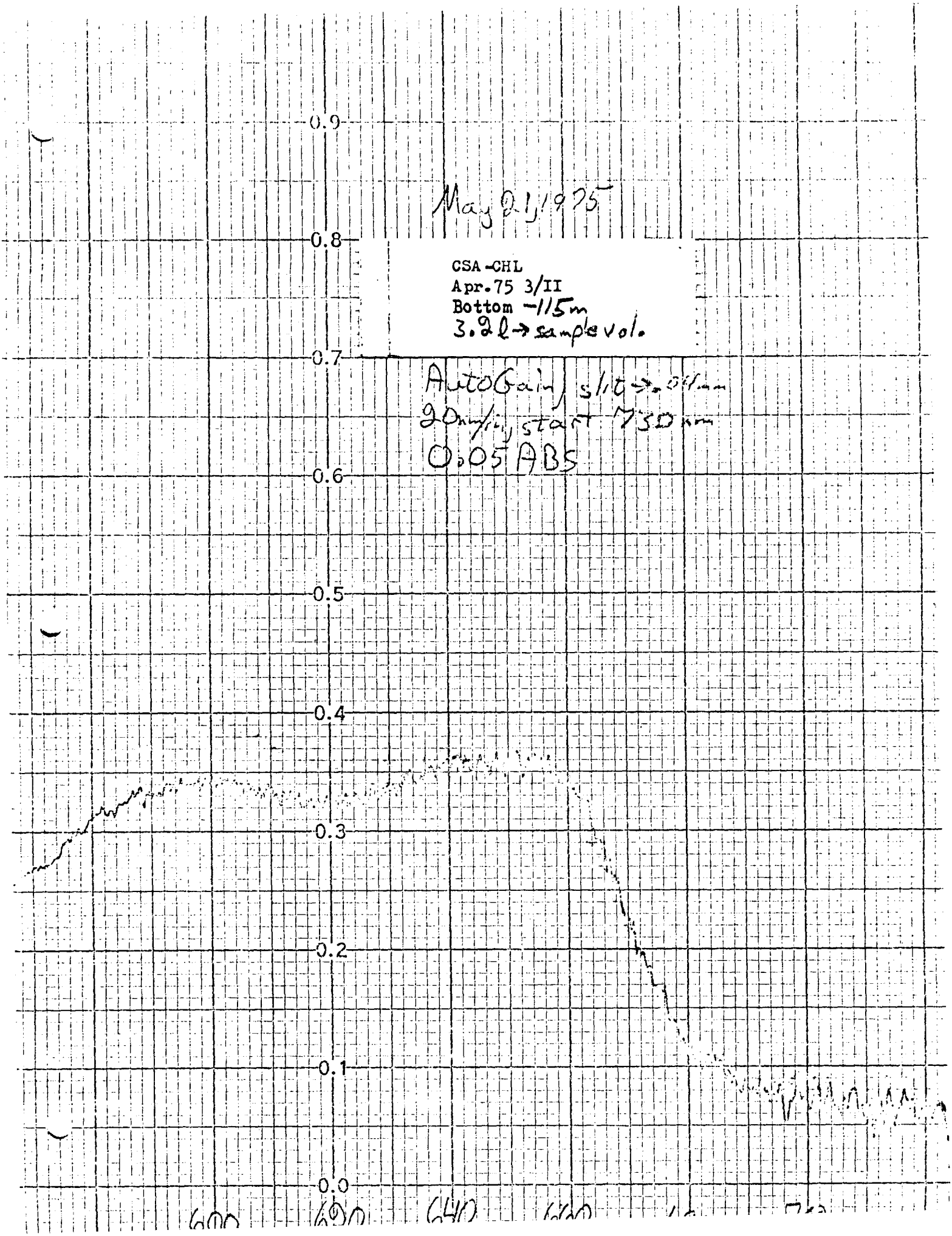

0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.2A
0.2 ABS
COT-CHL
Apr. 75 2/II
1/2 photic zone -15 m
Sample vol. → 4.2 l
.118
.076
.041
.039

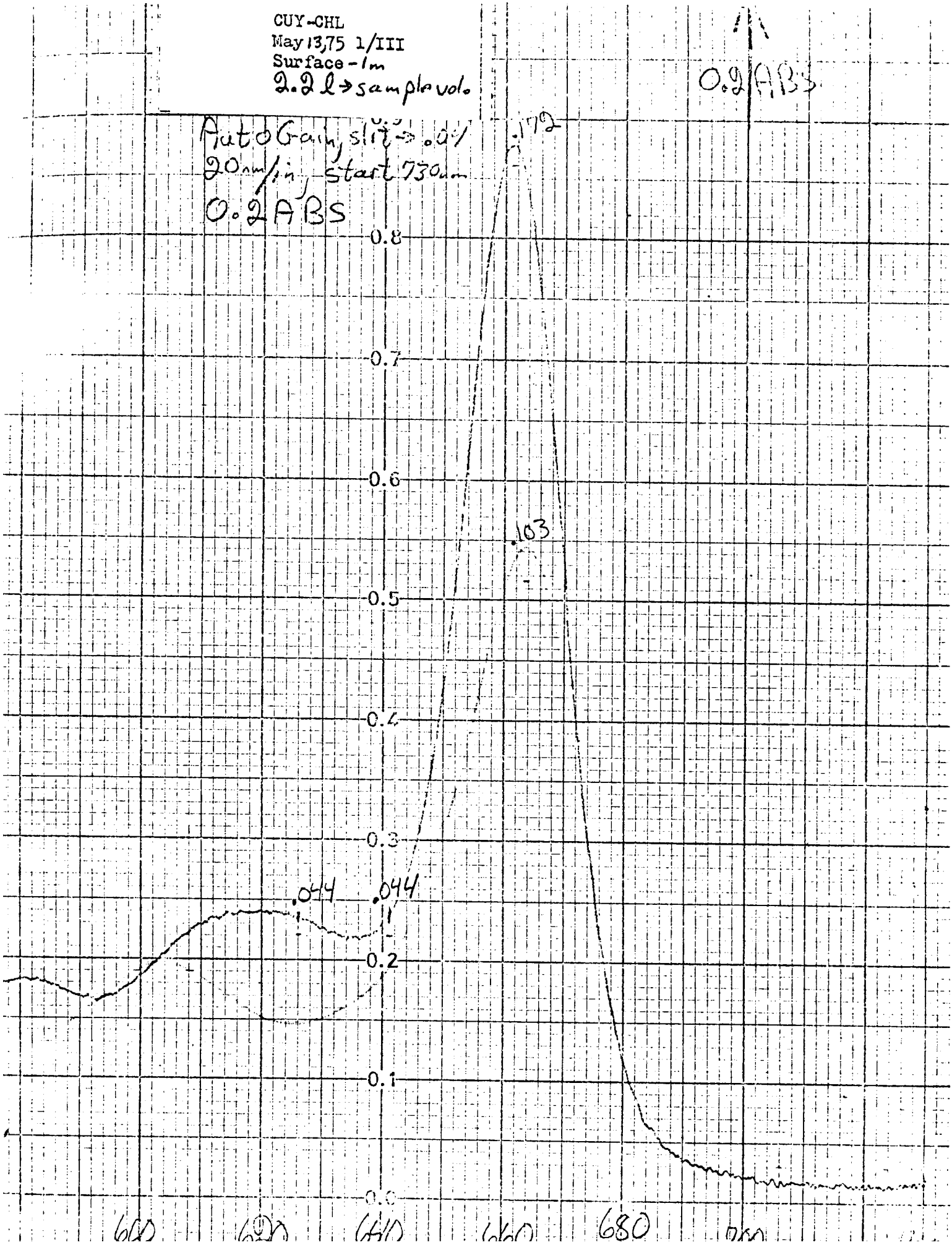


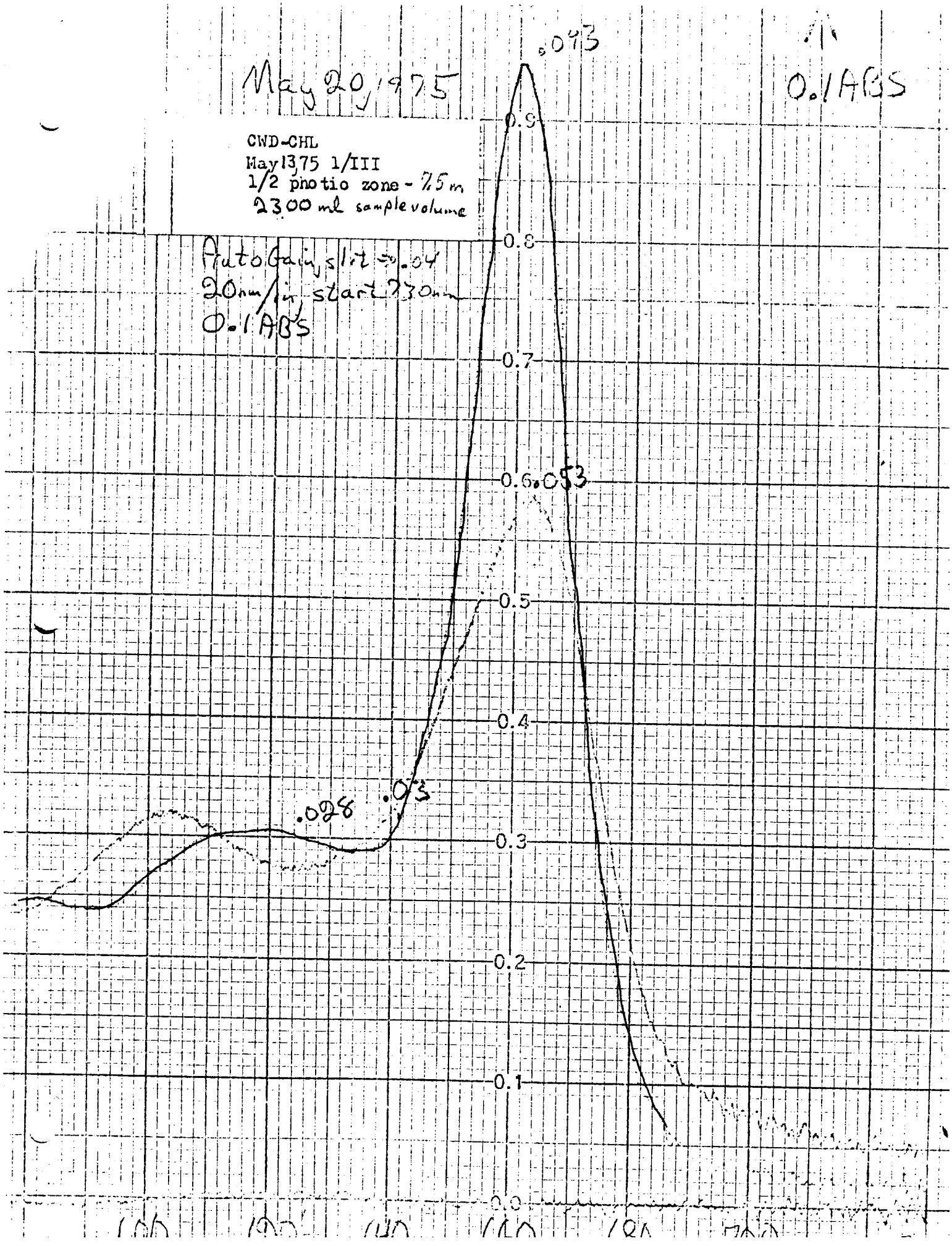
April 30, 1975
Auto Gain slit → .04
20nm/in 730nm beg
0.1 ABS
0.1 ABS
COY-CHL
Apr. 75 2/II
Bottom-30m
Sample vol. → 3.25l
.073
.0500
.0295
.0295
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
600
620
640
660
680
700
720
730

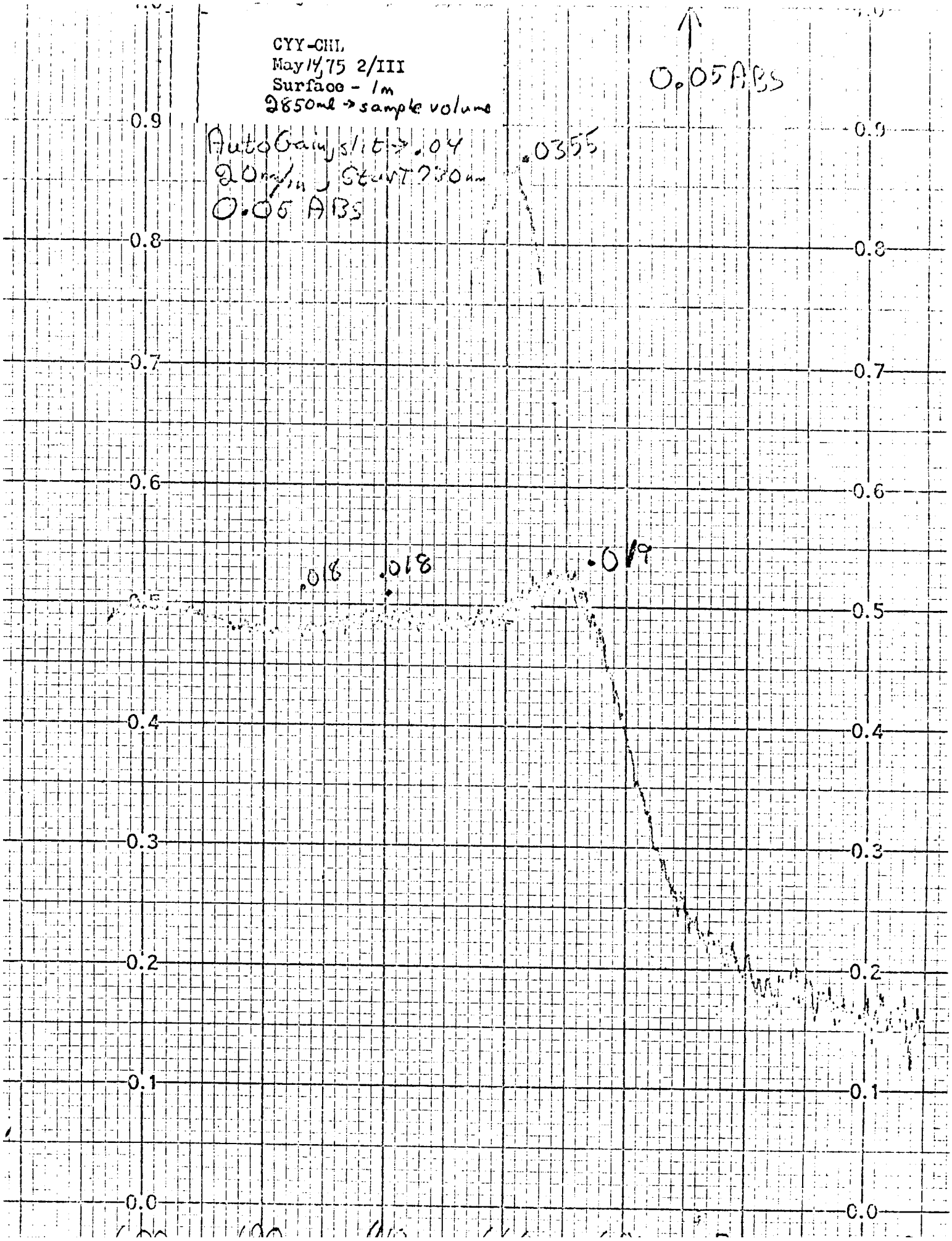

0.05ABS
May 20, 1975
CRQ-CHL
Apr. 75 3/II
Surface -/m
3350ml → sample vol.
AutoGain slit ⇒ .04
20nm/in start 730nm
0.05 ABS
.025
.0135
.013
.011
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0

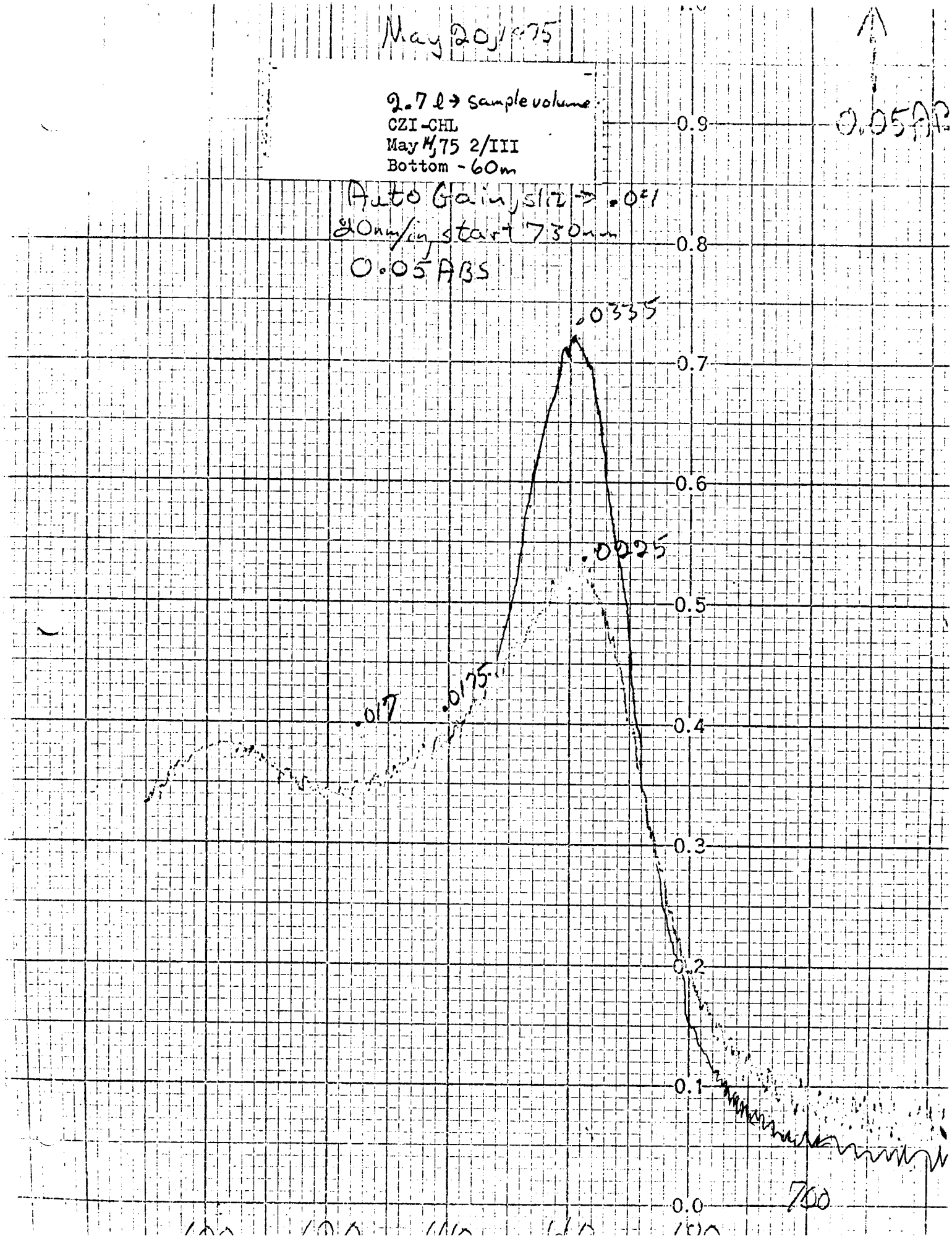

May 21, 1975
0.05 ABS
CRV-CHL
Apr. 75 3/II
1/2 photic zone -23m
3.2 ℓ → sample vol.
Auto Gain slit ⇒ .04mm
20nm/in start 730nm
0.05 ABS
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
.0145
.0145
.013
.01
600
620
640
660

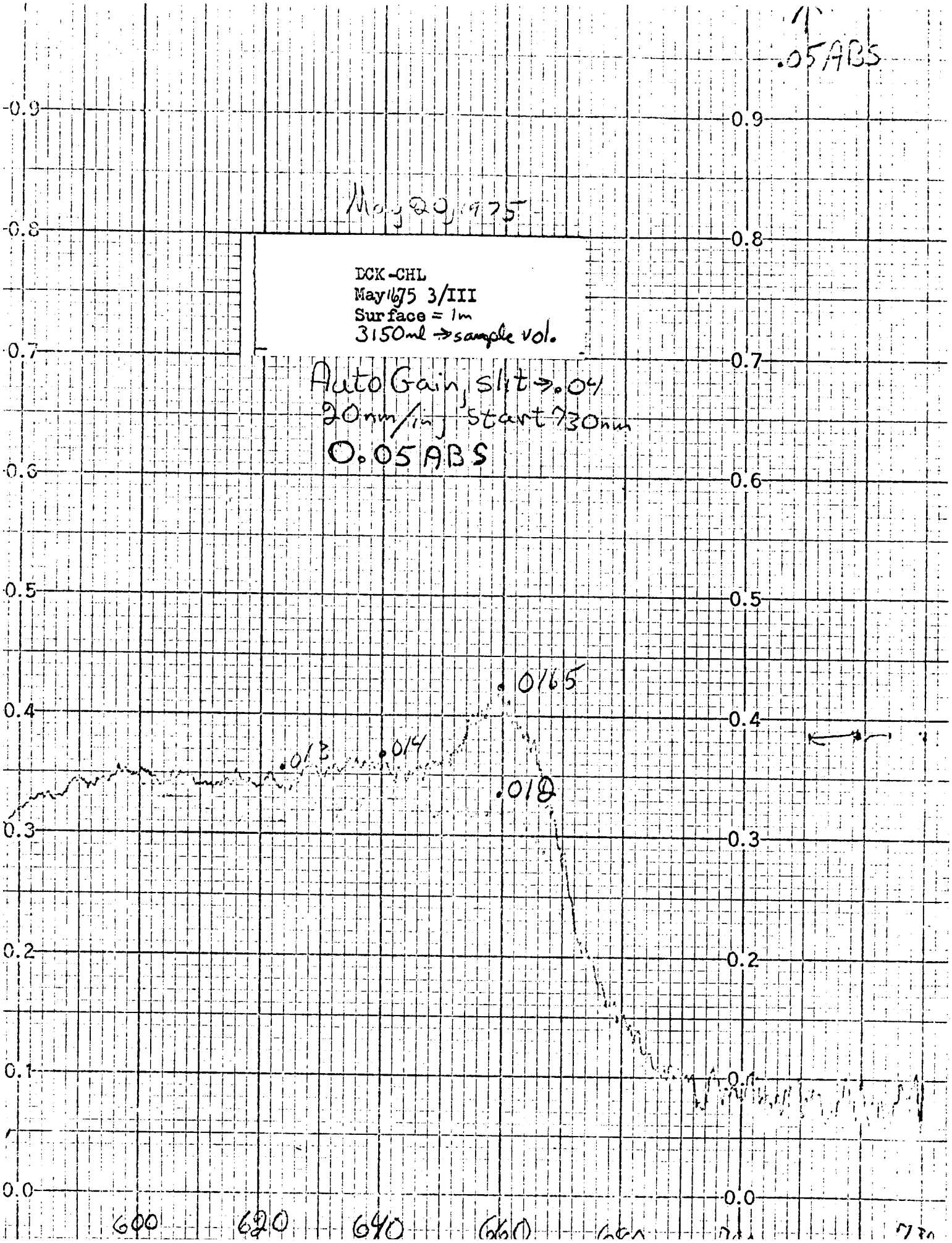

May 21, 1975
CSA-CHL
Apr. 75 3/II
Bottom -115m
3.2 l → sample vol.
AutoGain, slit → .04mm
20 nm/min, start 750 nm
0.05 ABS
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
600
650
700
750

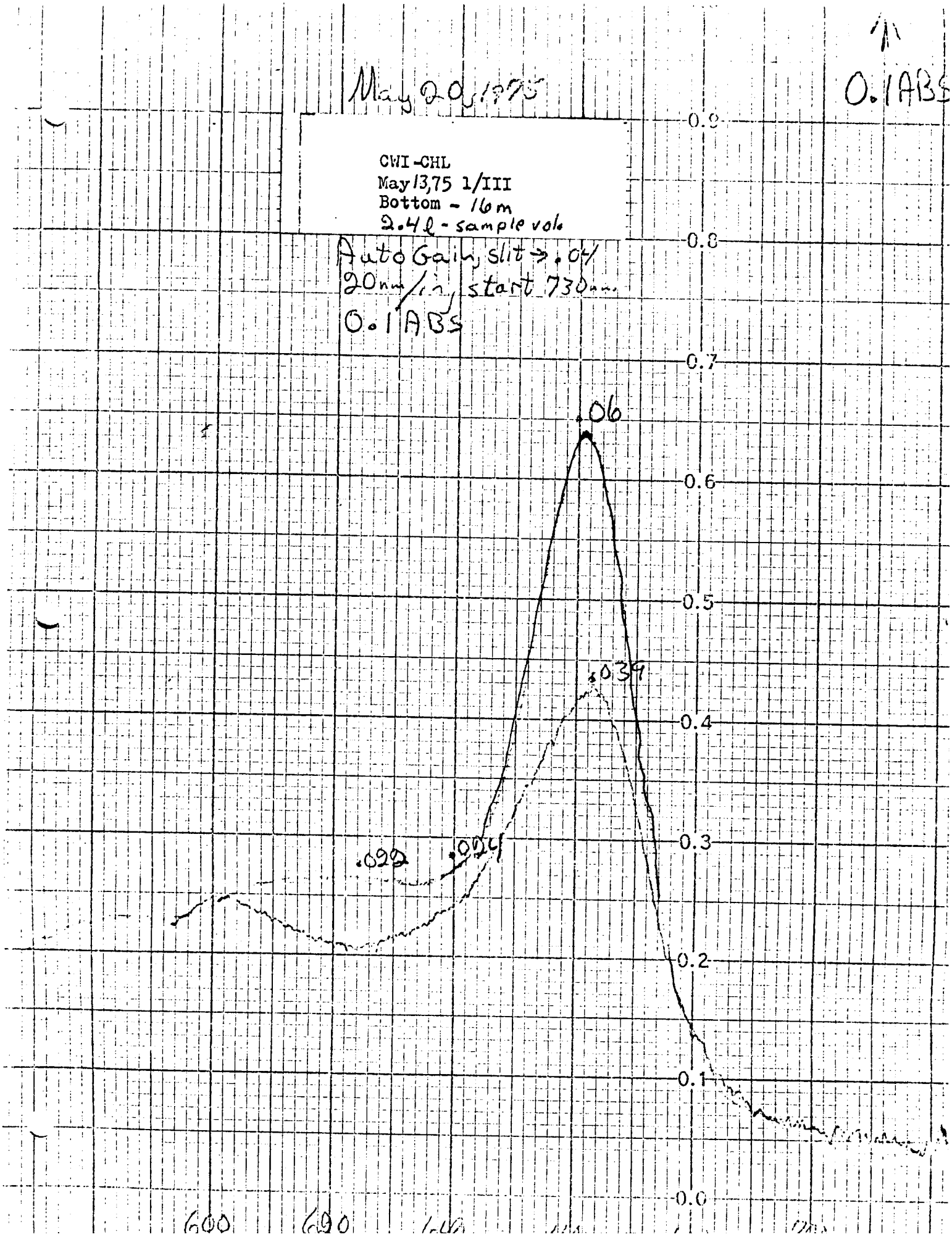

CUY-CHL
May 13,75 1/III
Surface - 1m
2.2 l → sample vol.
0.2 ABS
Auto Gain, slit → .04
20 nm/in, start 730 nm
0.2 ABS
.172
.103
.044
.044
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
680

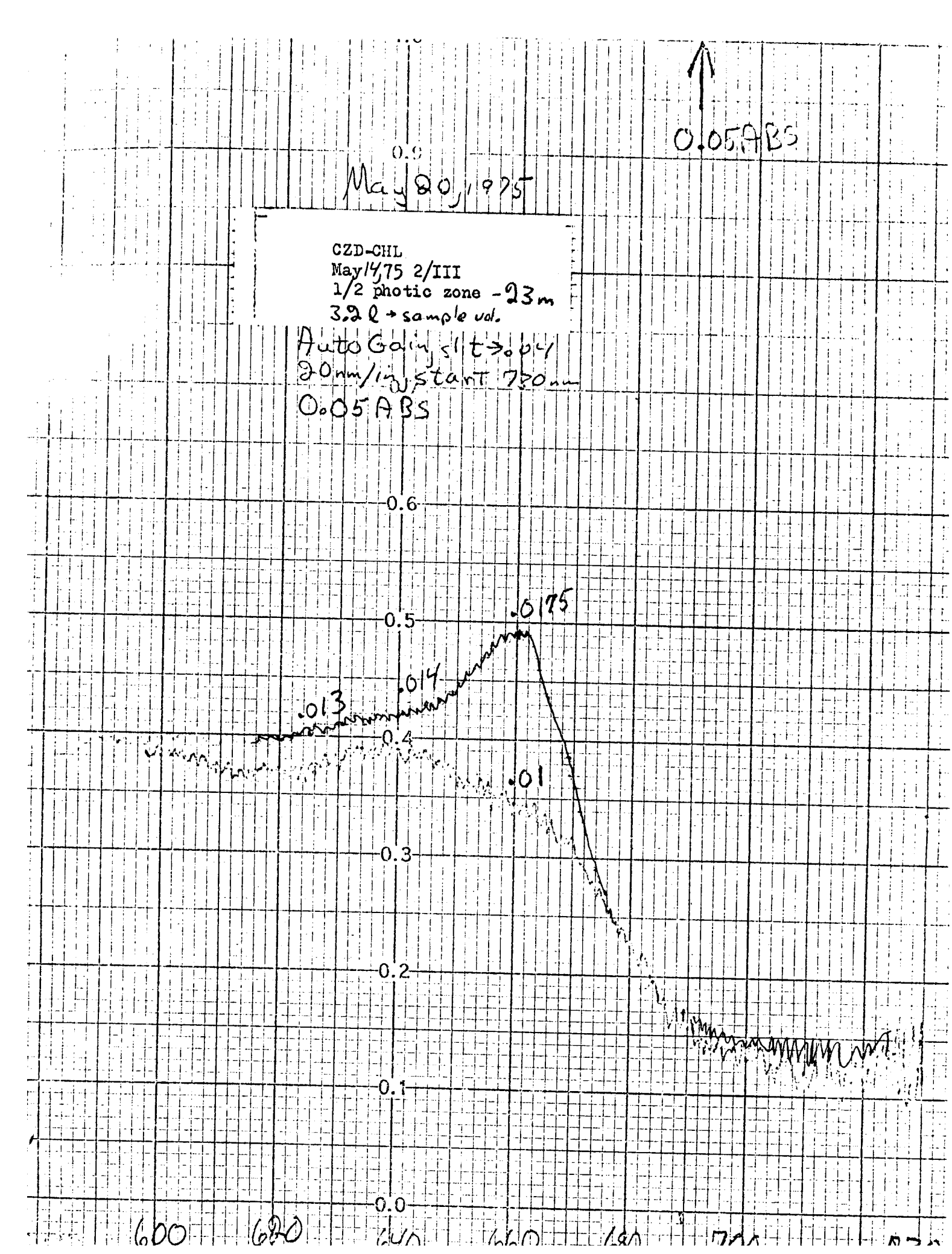

May 20, 1975
0.1 ABS
.043
CWD-CHL
May 13, 75 1/III
1/2 photic zone - 7.5 m
2300 ml sample volume
Auto Gain, slit = .04
20 nm/in start 730 nm
0.1 ABS
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
.053
.028
.03

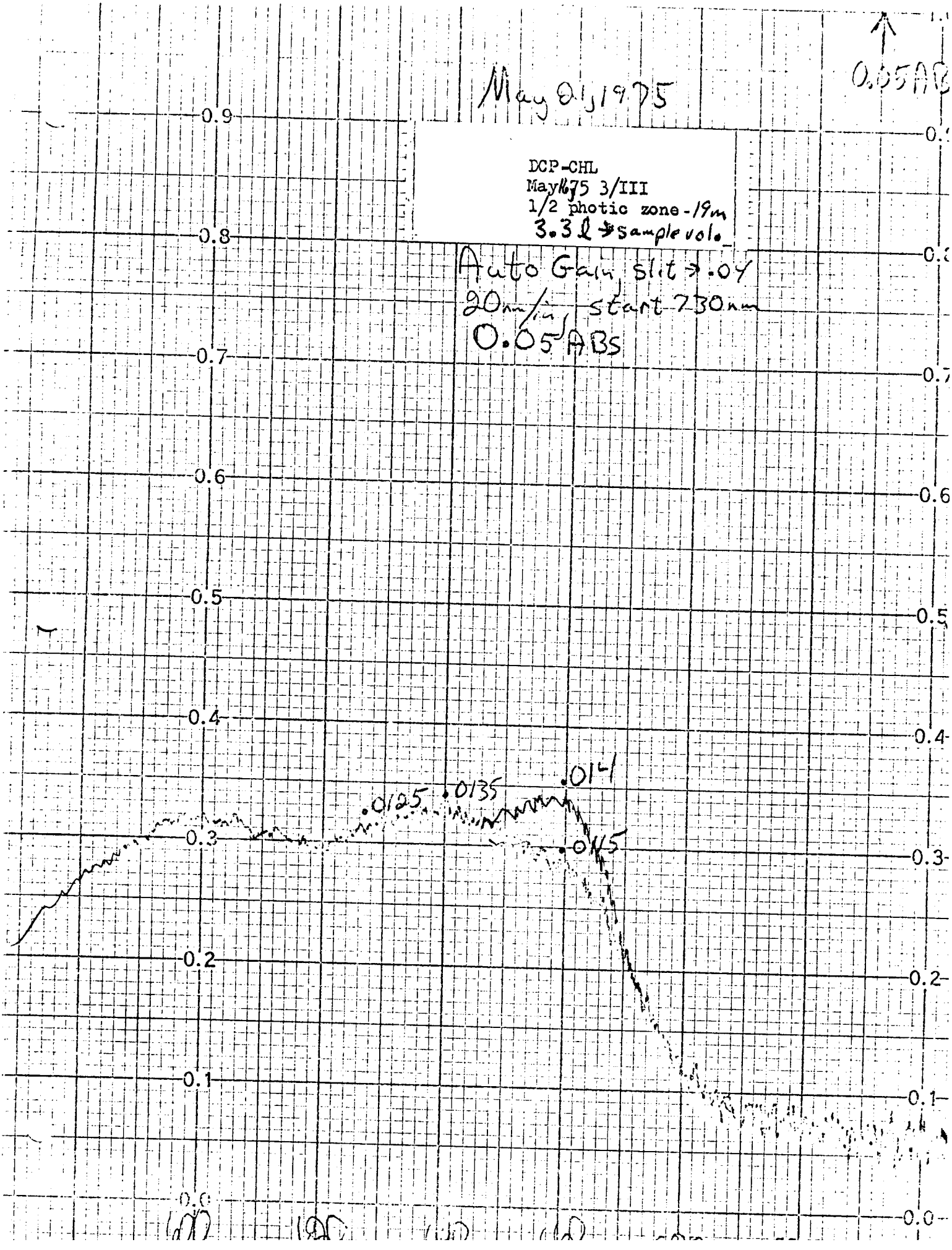

CYY-CHL
May 14, 75 2/III
Surface - 1m
2850ml → sample volume
Auto Gain, slit → .04
20mμ, Start 730nm
0.005 ABS
0.05 ABS
.0355
.018
.018
.019
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0

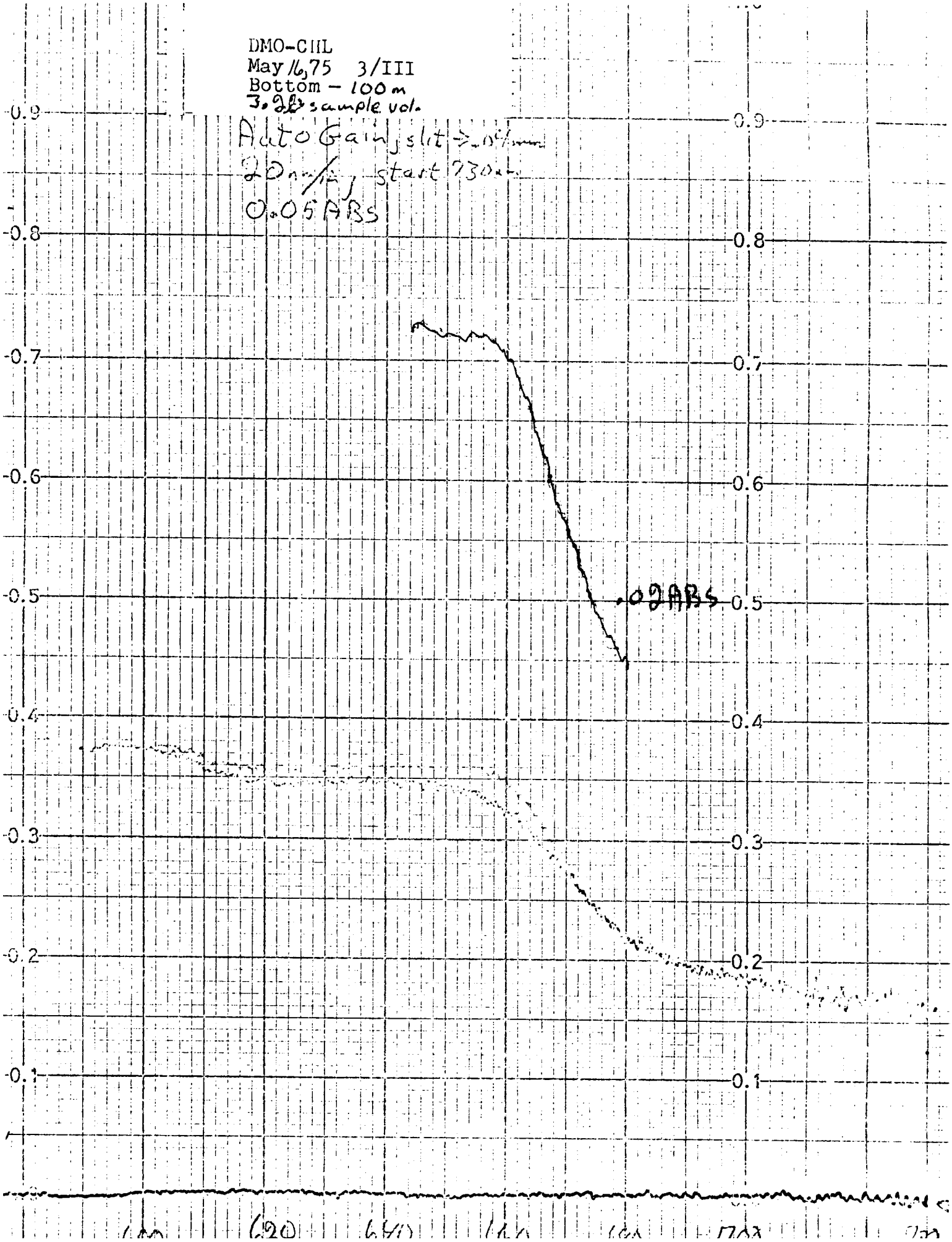

May 20/75
2.7 ℓ → sample volume
CZI-CHL
May 14, 75 2/III
Bottom - 60m
Auto Gain, slit → .01
20nm/in start 730nm
0.05 ABS
0.05 AB
.0335
.0025
.017
.0175
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
700

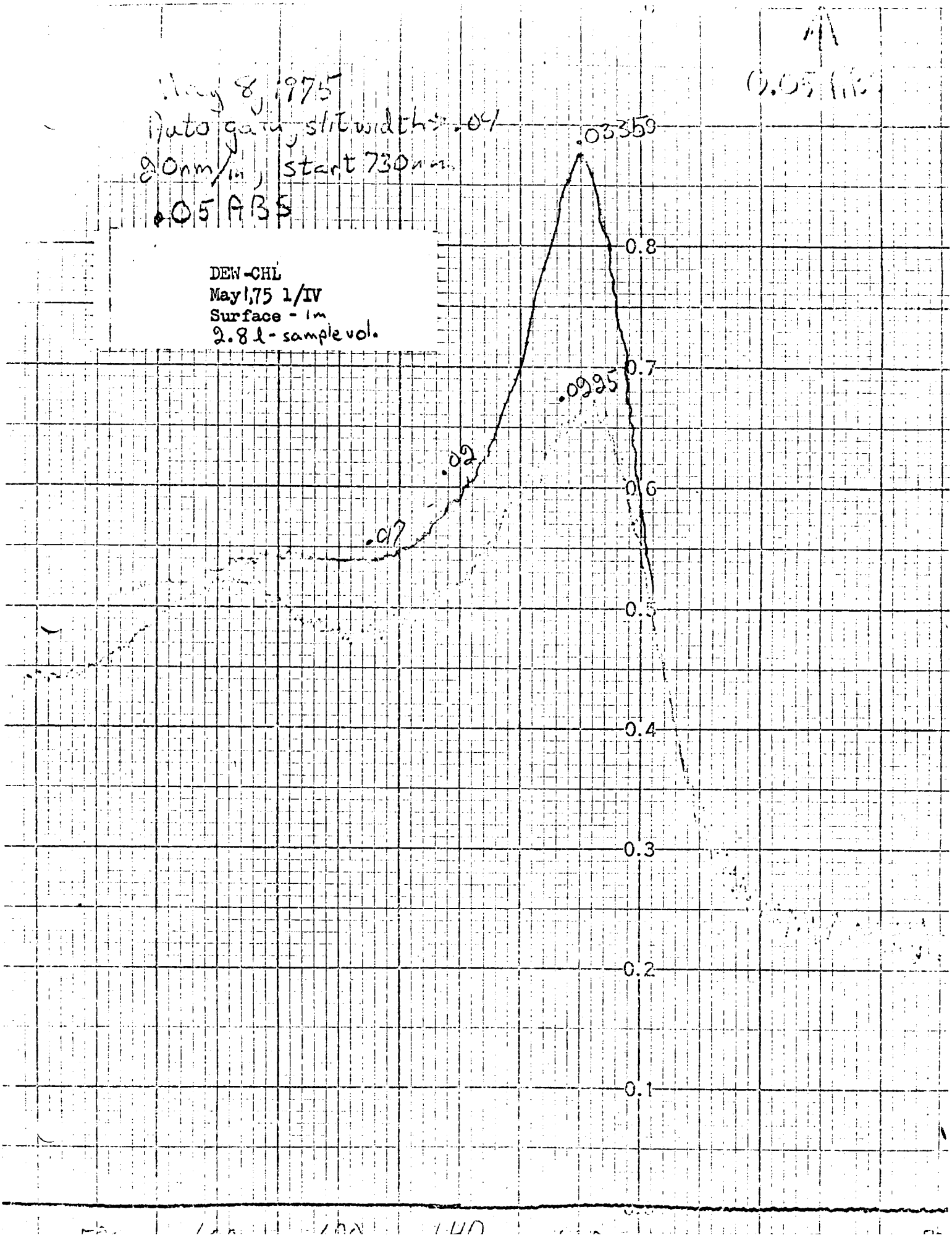

.05 ABS
May 20, 1975
DCK-CHL
May 1675 3/III
Surface = 1m
3150ml → sample vol.
Auto Gain, Slit → .04
20nm/in, Start 730nm
0.05 ABS
.0165
.013
.014
.018
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
600
620
640

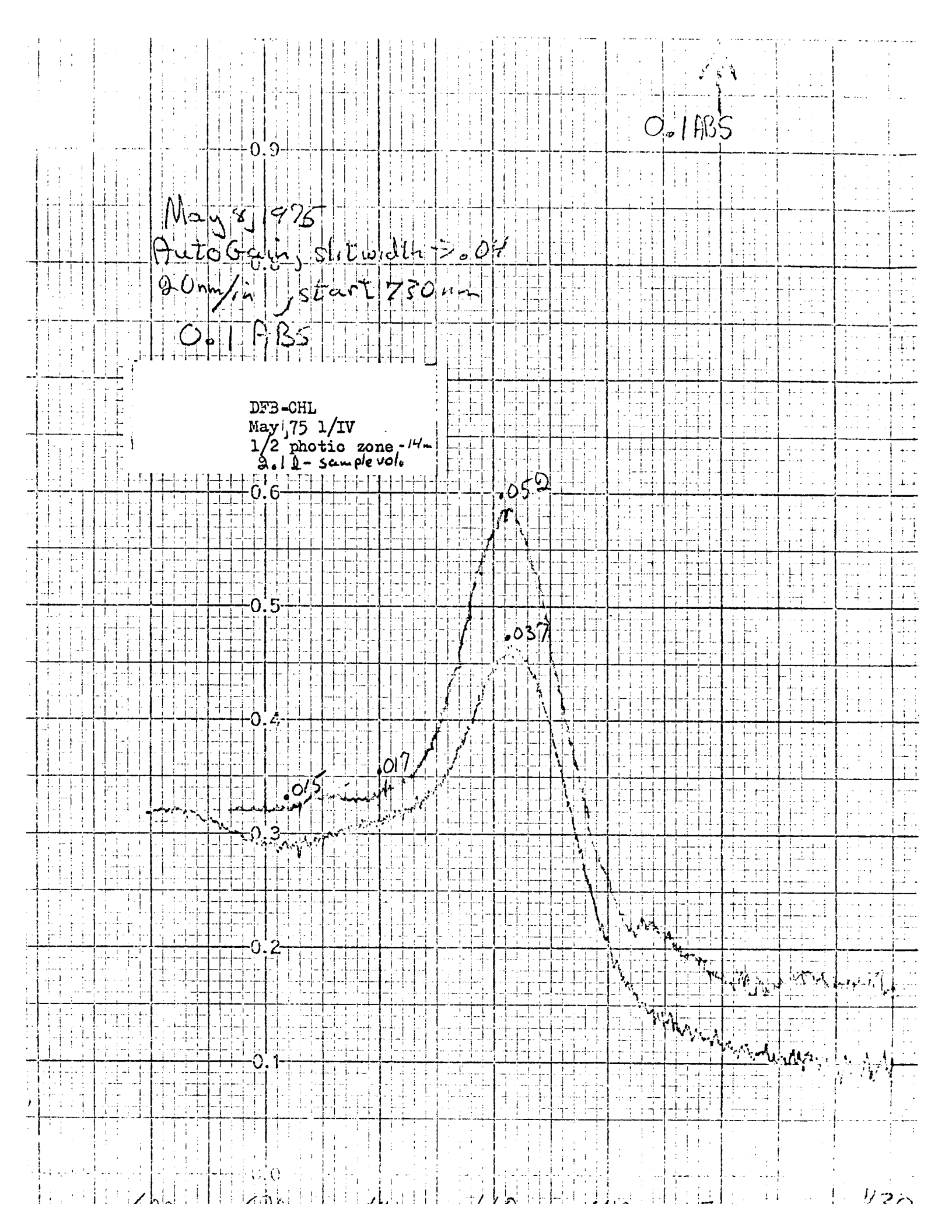

May 20, 1975
0.1 ABS
CWI-CHL
May 13, 75 1/III
Bottom - 16m
2.4 ℓ - sample vol.
Auto Gain, slit → .04
20nm/in, start 730nm
0.1 ABS
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
.06
.039
.024
.022
600
690

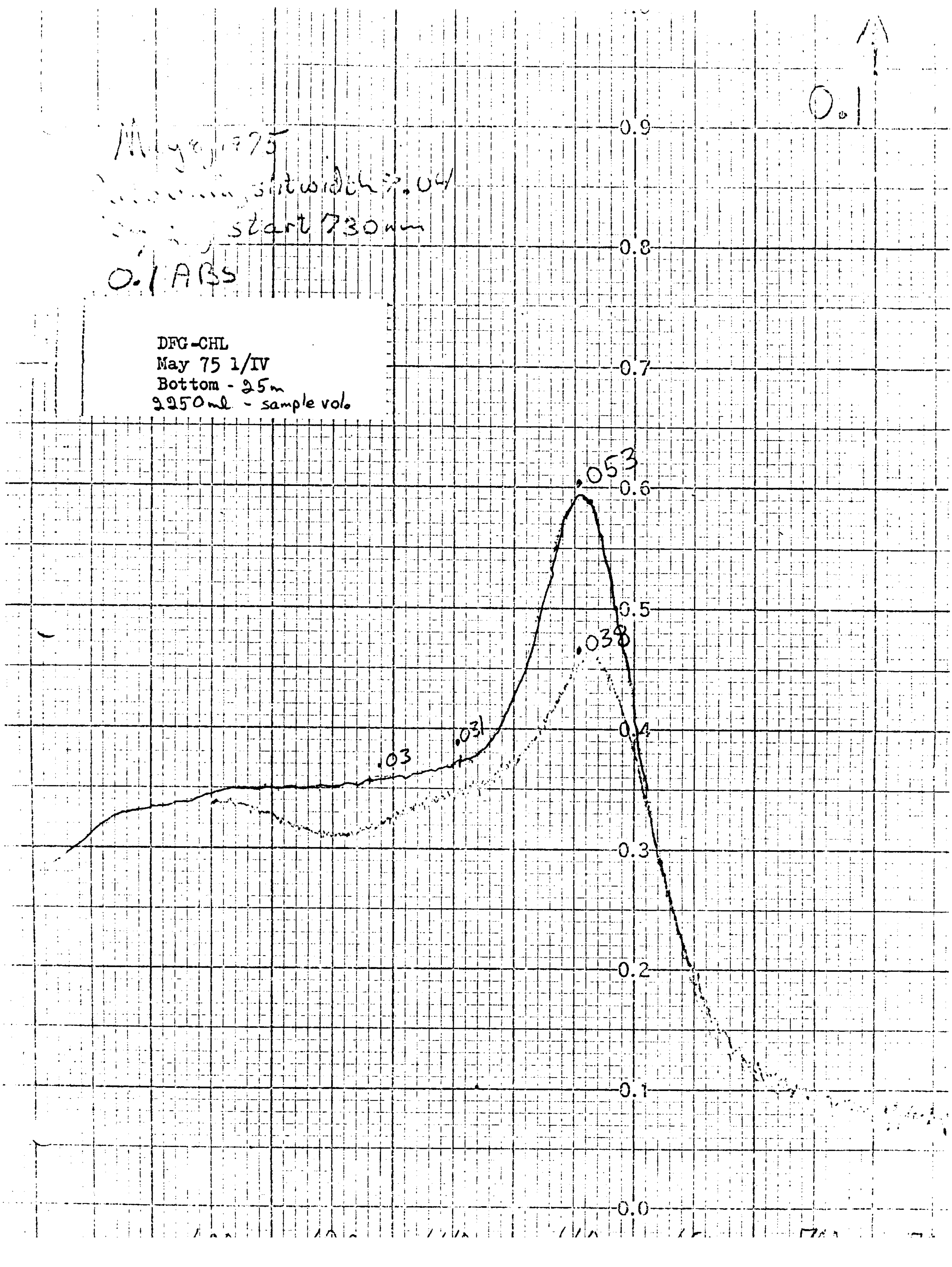

0.05 ABS
May 20, 1975
CZD-CHL
May 14, 75 2/III
1/2 photic zone - 23m
3.2 l → sample vol.
Auto Gain, slit → .04
20nm/in, start 750nm
0.05 ABS
0.6
0.5
0.4
0.3
0.2
0.1
0.0
.0175
.014
.013
.01
600
620

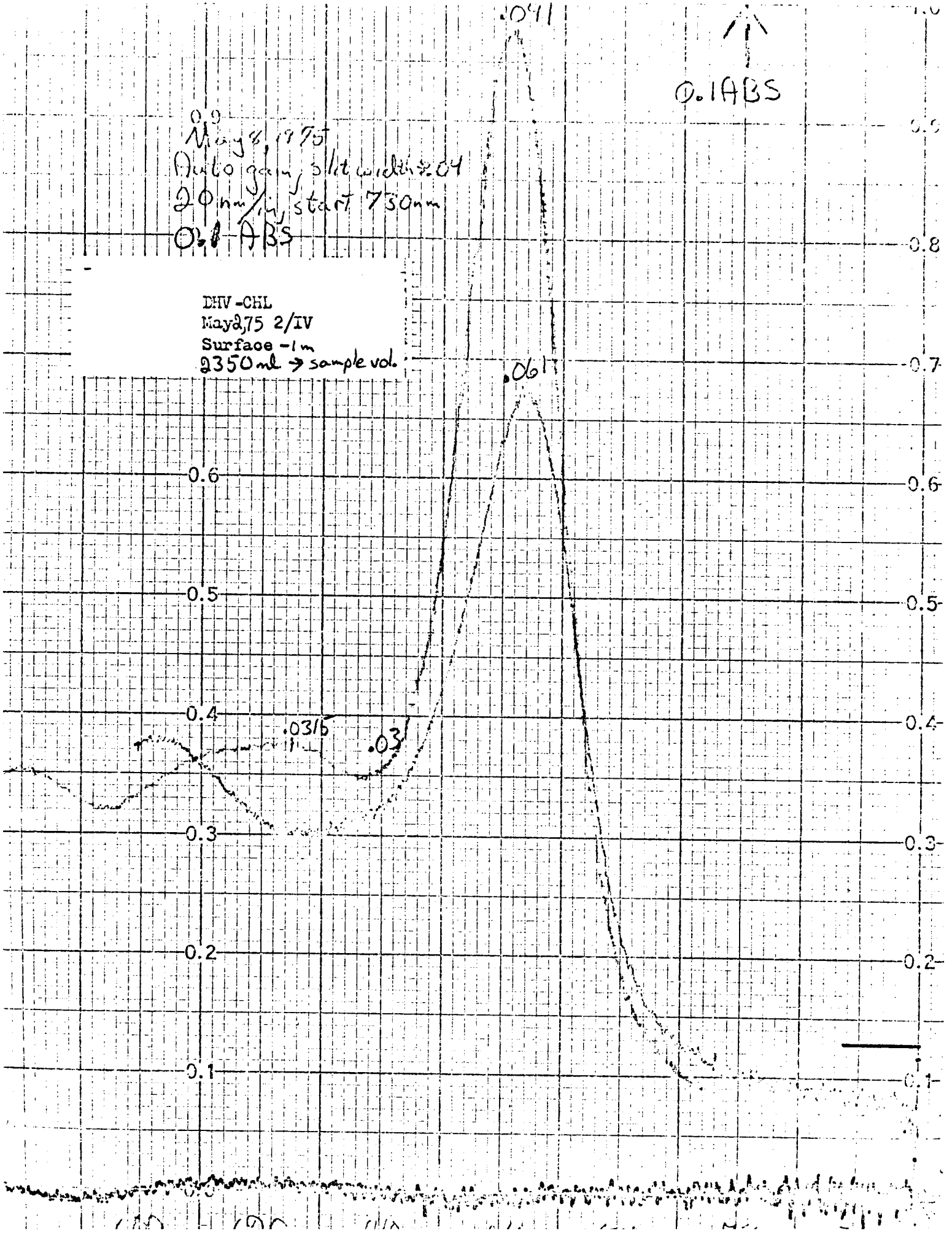

May 01, 1975
0.05 ABS
DCP-CHL
May 75 3/III
1/2 photic zone - 19m
3.3 l → sample vol.
Auto Gain slit → .04
20nm/in start 730nm
0.05 ABS
T
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
.0125
.0135
.014
.0115

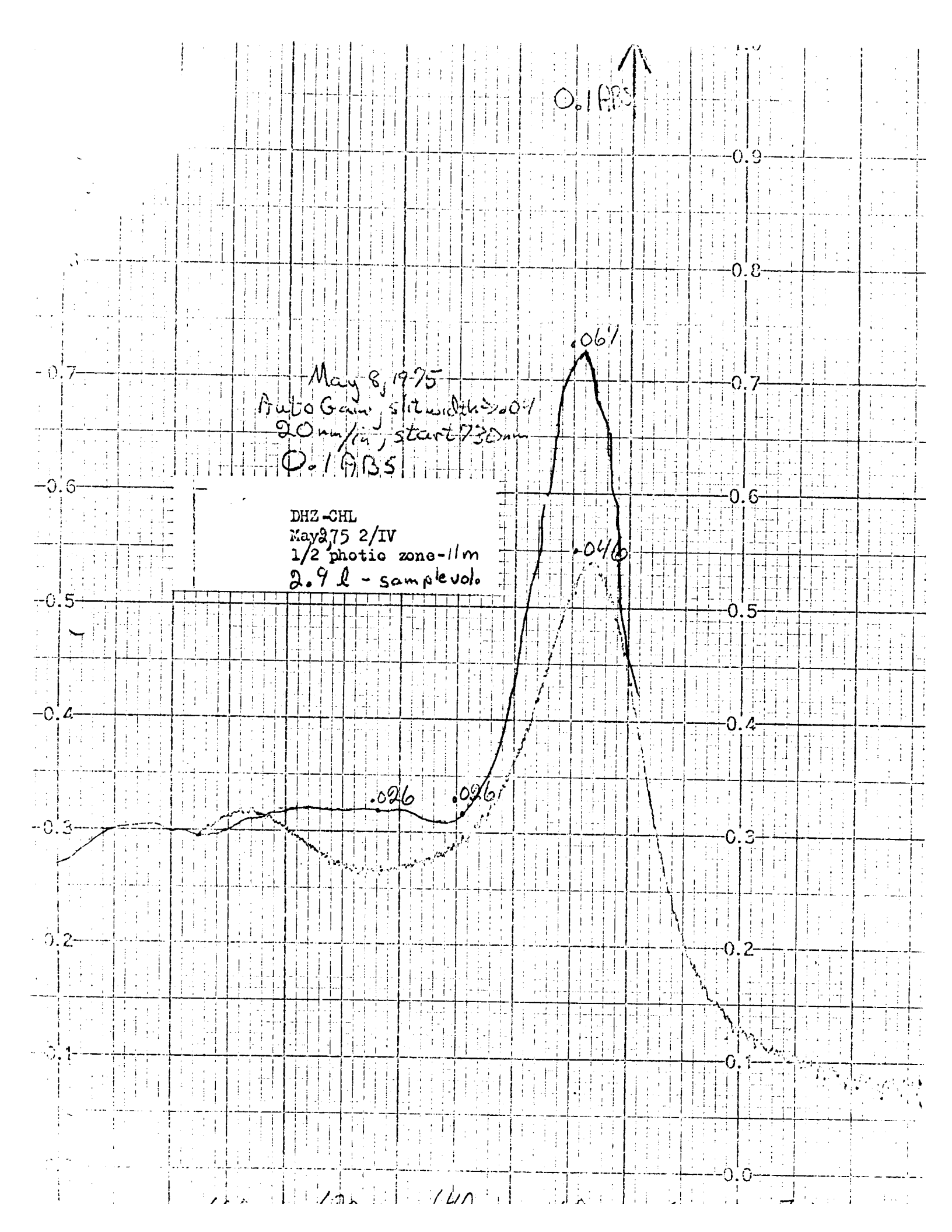

DMO-CHL
May 16, 75 3/III
Bottom – 100 m
3.2 L sample vol.
Auto Gain, slit = .05 mm
20 nm/in, start 730 nm
0.05 ABS
.02 ABS
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1

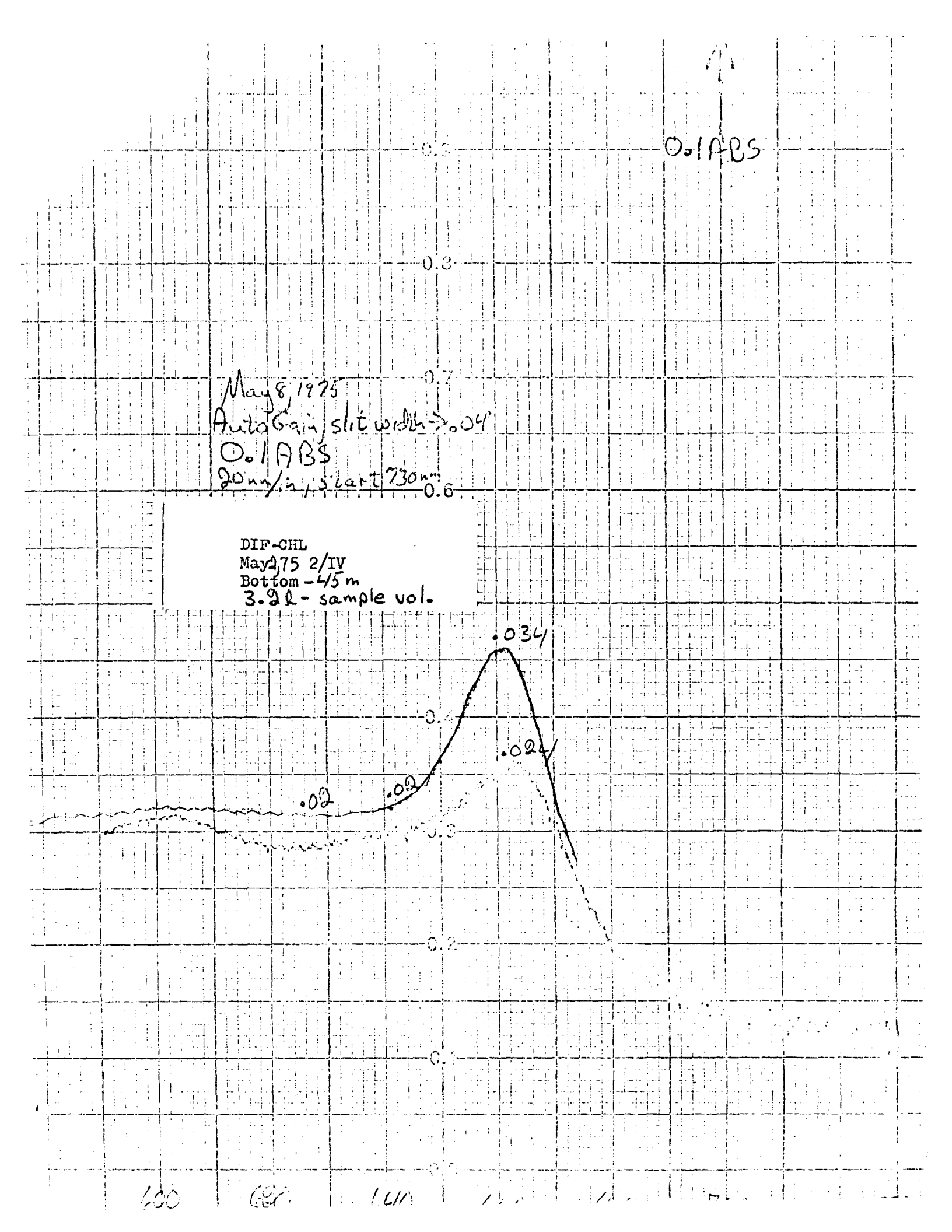

May 8, 1975
Data gain, slitwidth=.04
20nm/in, start 730nm
.05 ABS
DEW-CHL
May 1,75 1/IV
Surface - 1m
2.8 l - sample vol.
.0335
.0225
.02
.01
0.8
0.7
0.6
0.4
0.3
0.2
0.1

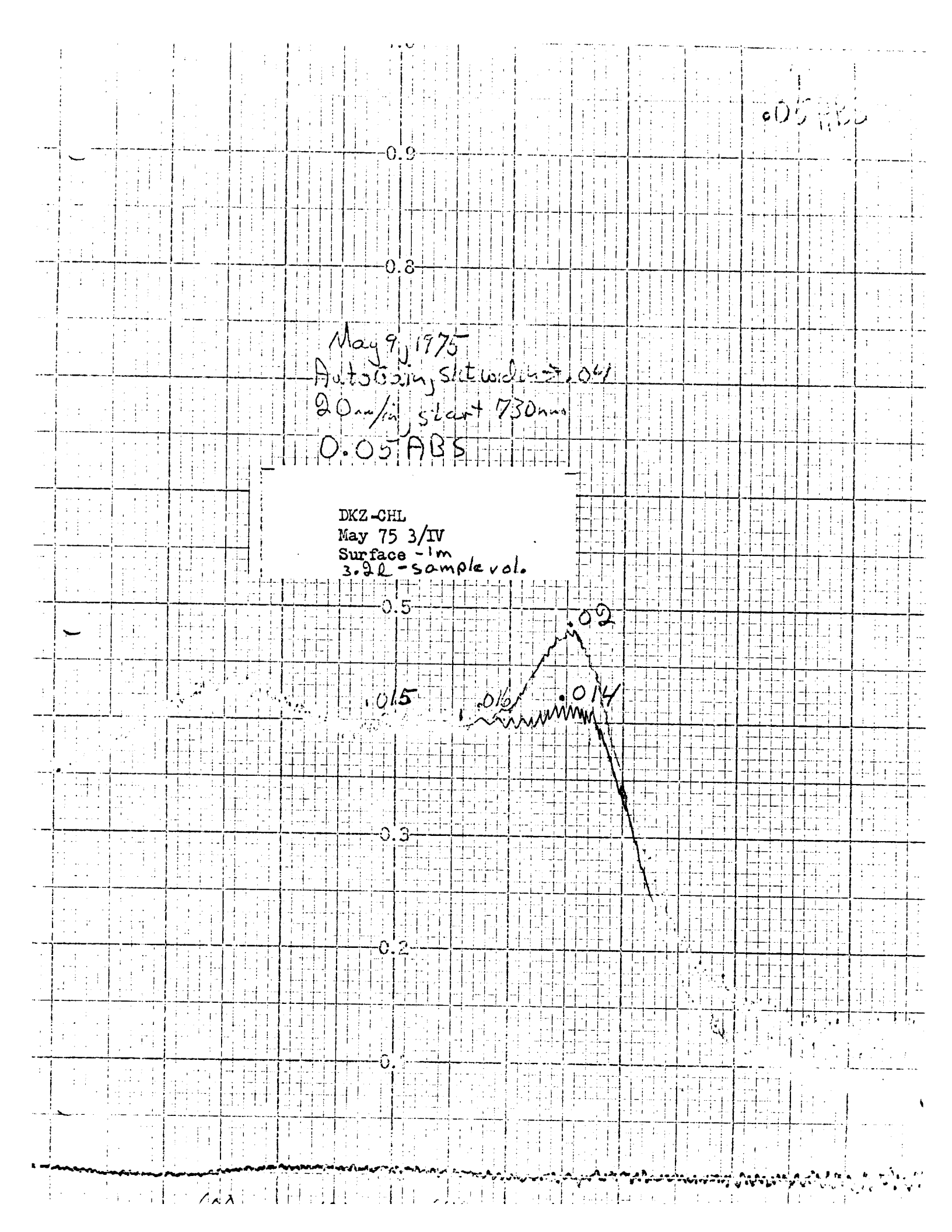

0.1 ABS
0.9
May 8, 1975
AutoGain, slitwidth = 2.0 nm
20 nm/in, start 730 nm
0.1 ABS
DFB-CHL
May, 75 1/IV
1/2 photic zone - 14m
2.1 l - sample vol.
0.6
0.5
0.4
0.3
0.2
0.1
0.0
.052
.037
.017
.015

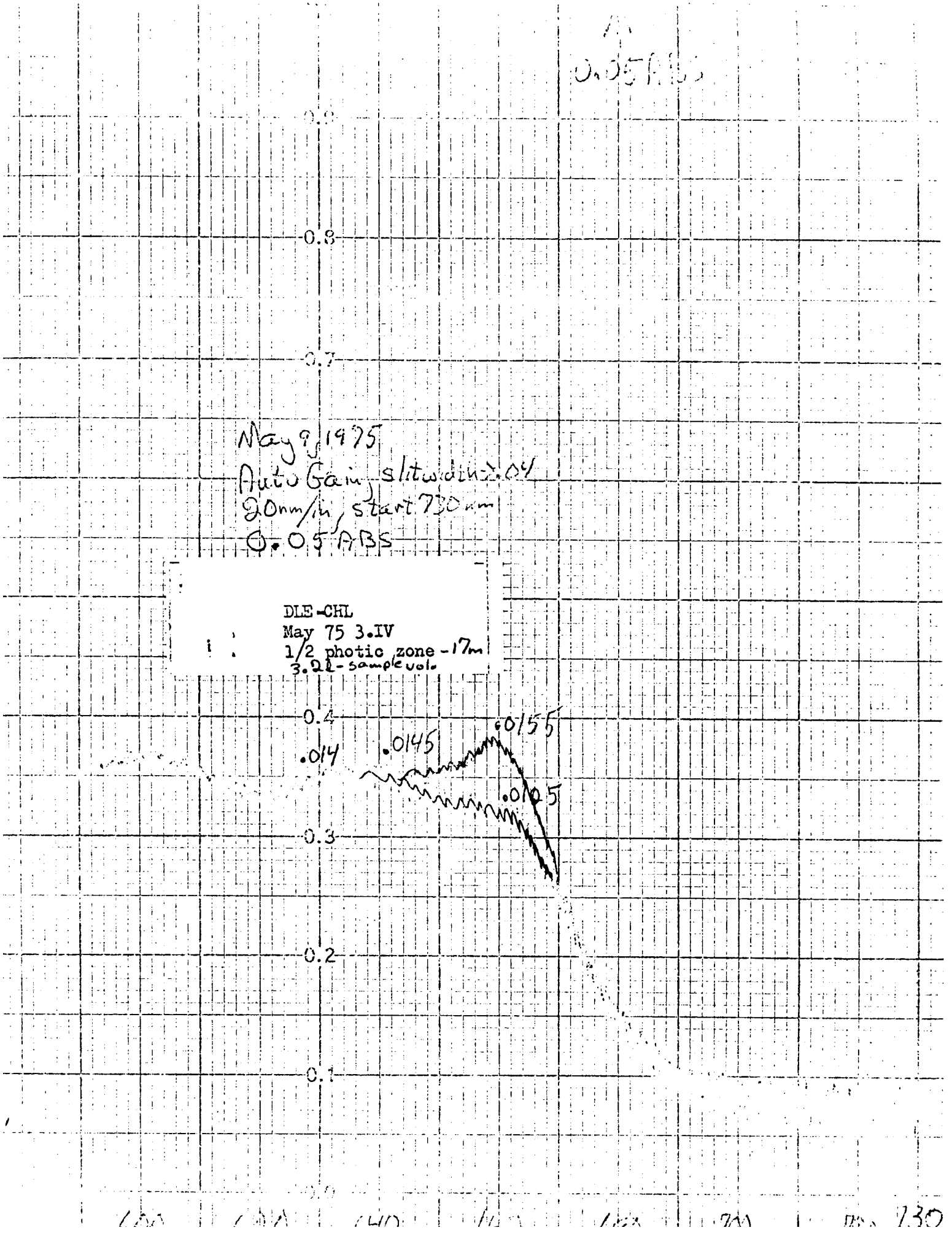

0.1
start 730nm
0.1 ABS
DFG-CHL
May 75 1/IV
Bottom - 25m
2250ml - sample vol.
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
.053
.038
.031
.03

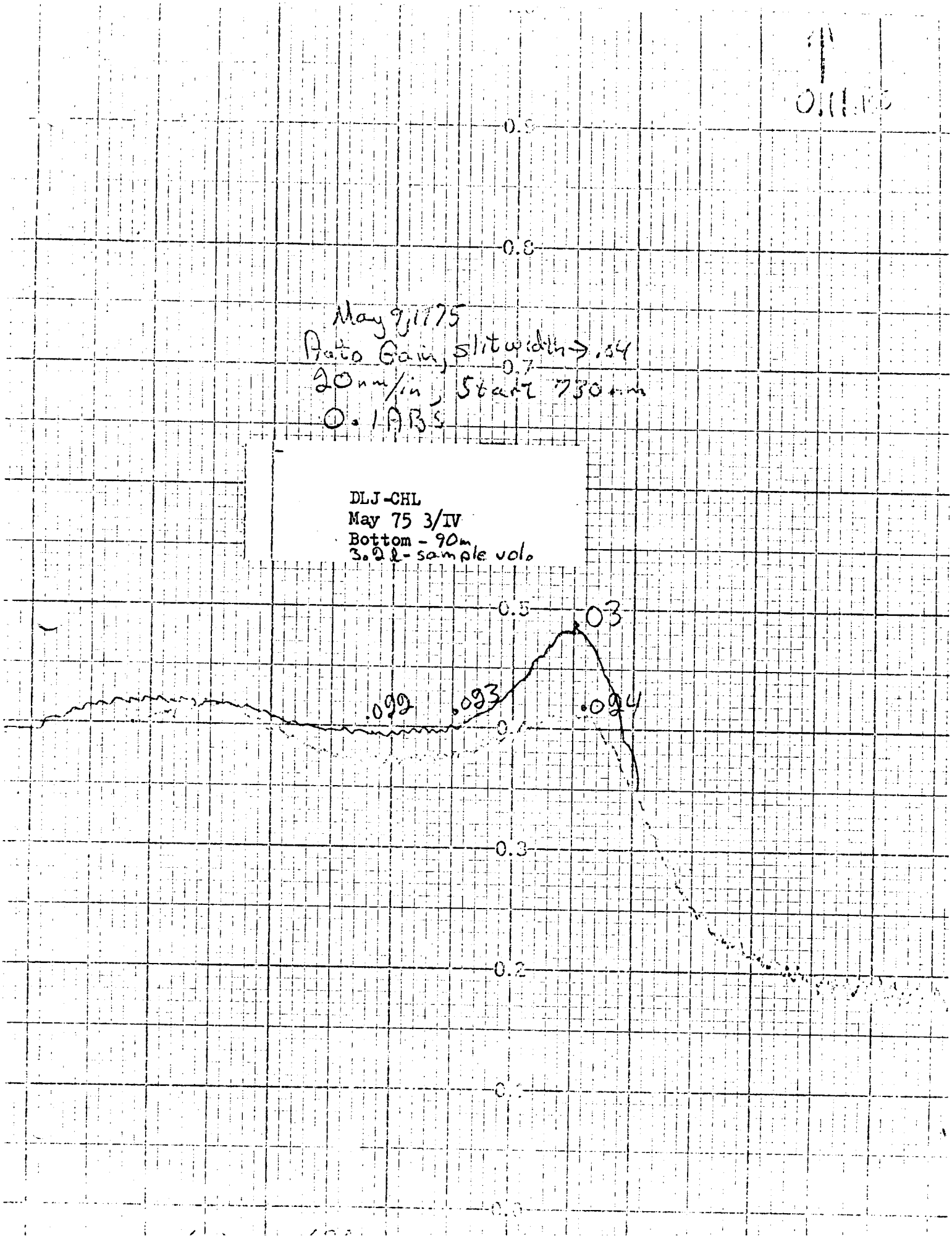

0.1 ABS
May 8, 1975
Autogain, slit width .04
20 nm/in, start 750 nm
0.1 ABS
DHV-CHL
May 2,75 2/IV
Surface - 1 m
2350 ml → sample vol.
.041
.061
.0316
.03
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1

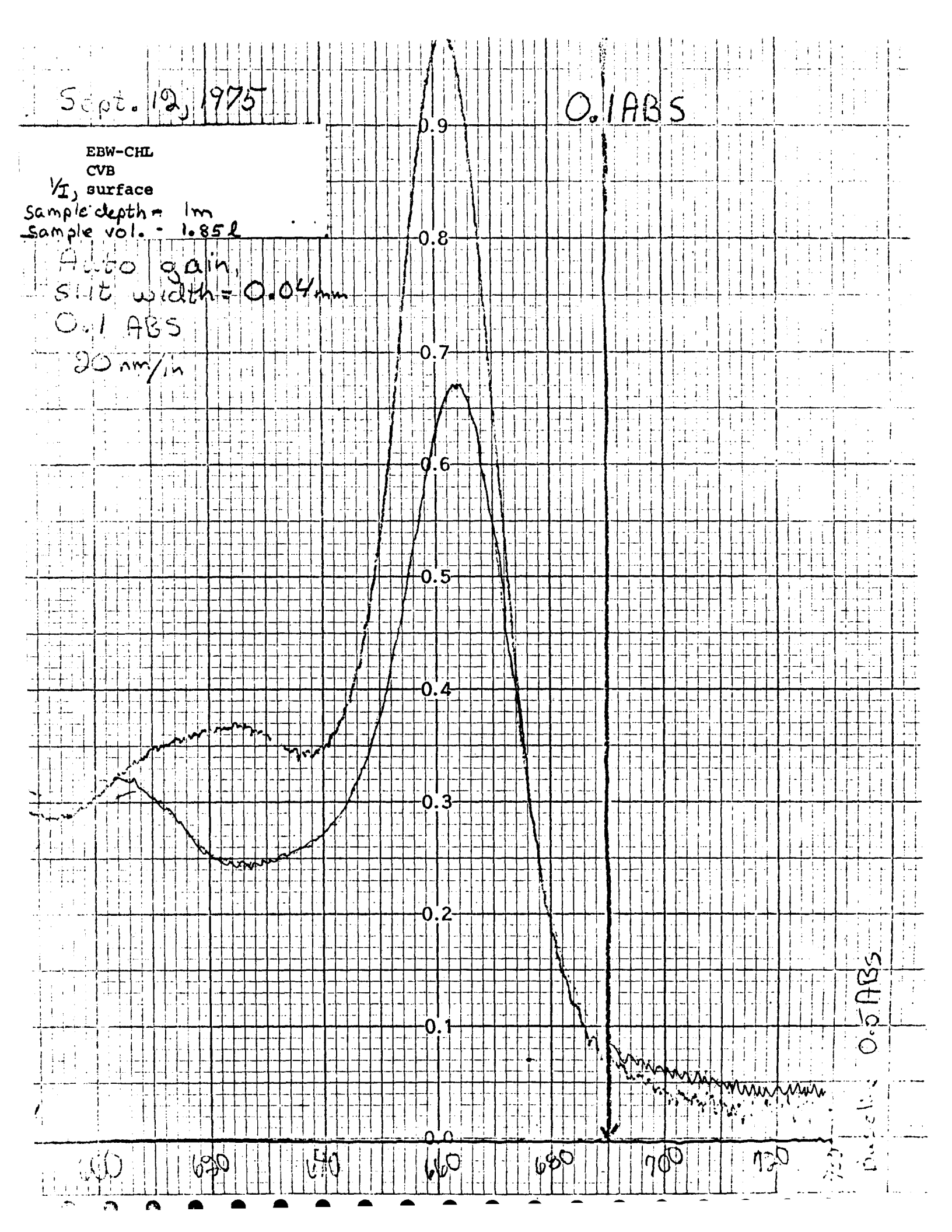

0.1 ABS
May 8, 1975
Auto Gain, slit width=0.1
20 nm/in, start 730nm
0.1 ABS
DHZ-CHL
May 2 75 2/IV
1/2 photic zone-11m
2.9 l - sample vol.
.061
.046
.026
.026
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0

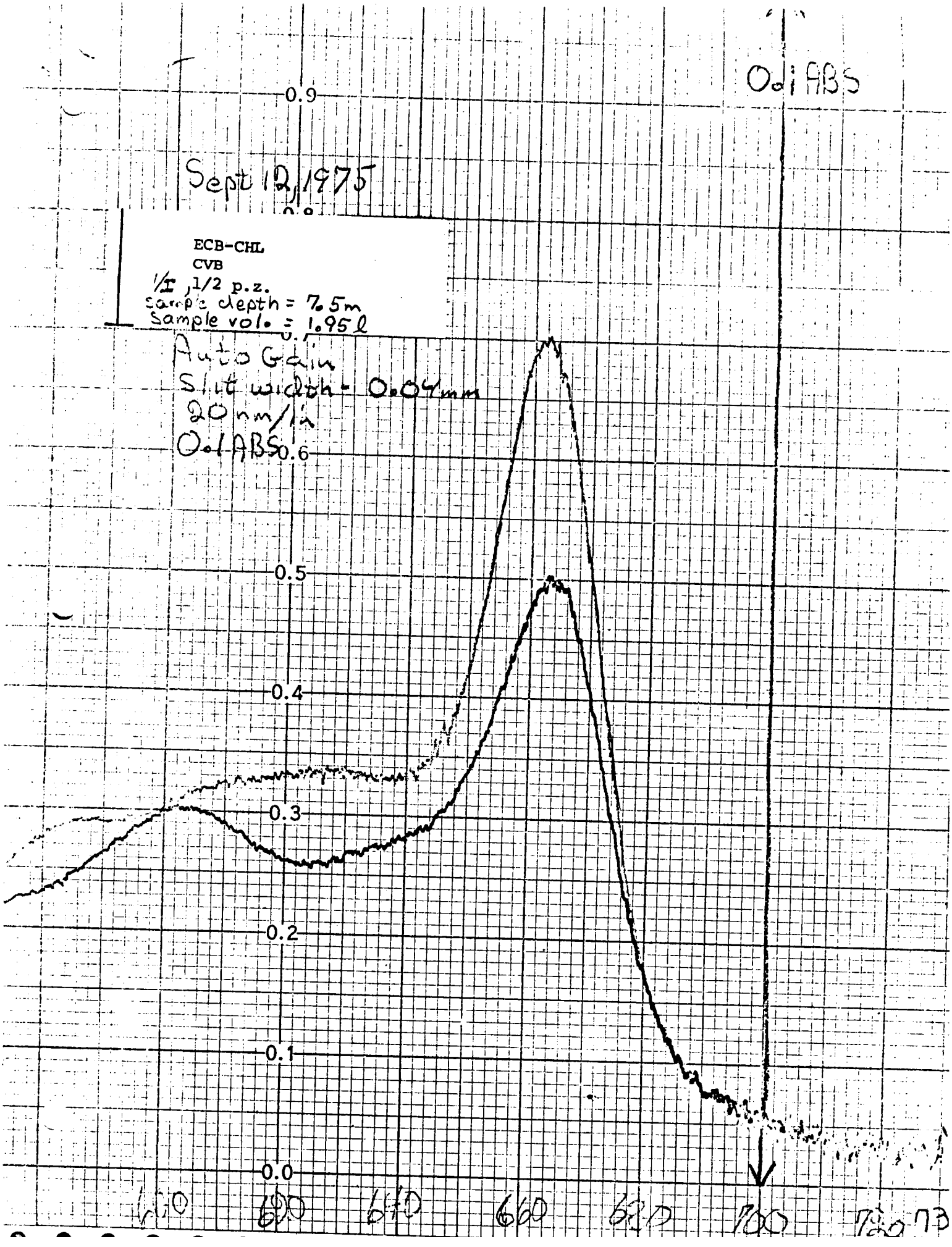

0.1 ABS
May 8, 1975
Auto Gain, slit width -> .04
0.1 ABS
20 nm/in, start 730 nm
DIF-CHL
May 2, 75 2/IV
Bottom - 45 m
3.2 l - sample vol.
.034
.024
.02
.02
0.6
0.4
0.2

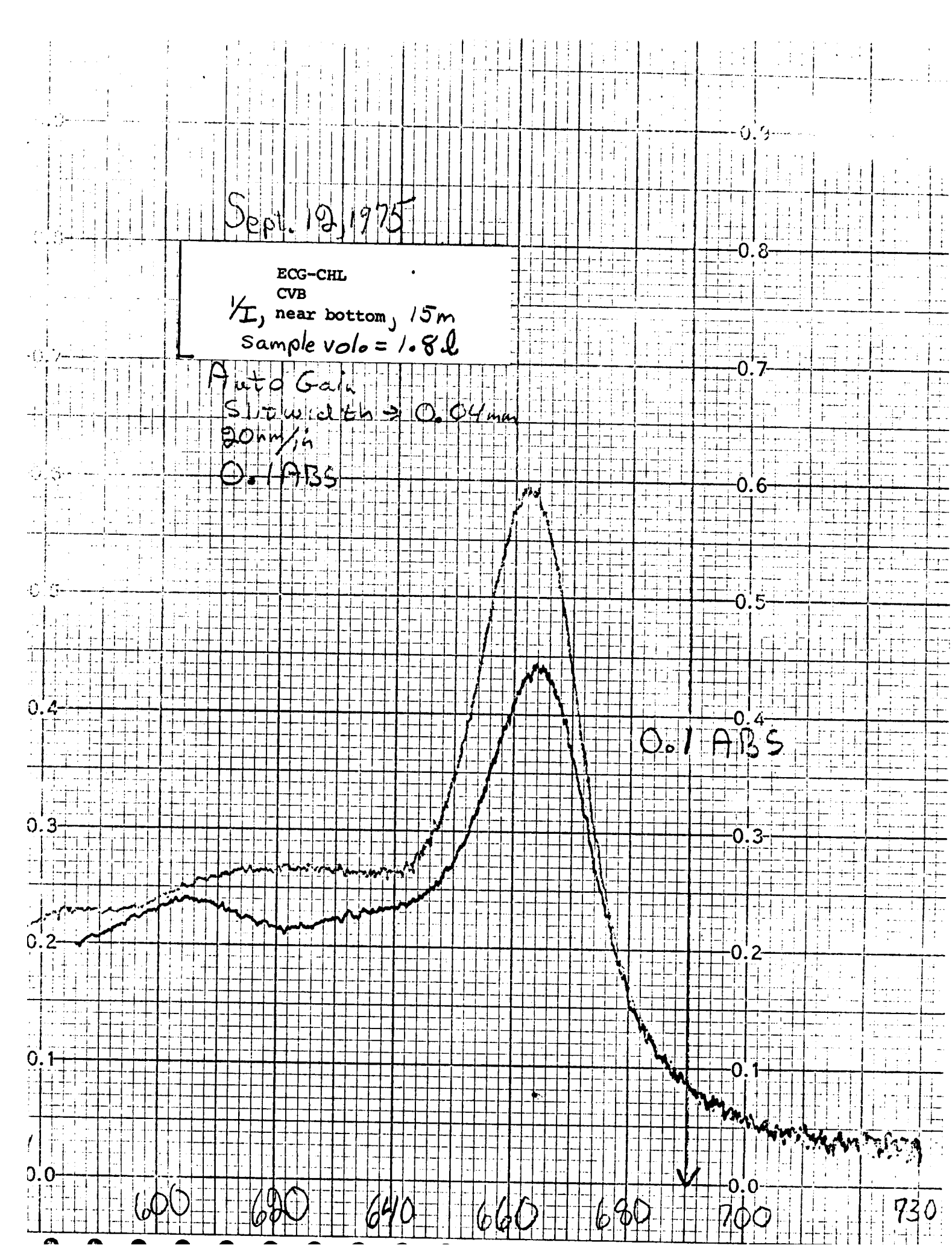

0.9
0.8
May 9, 1975
Autozero, slit width = .04
20 nm/in, start 730nm
0.05 ABS
DKZ-CHL
May 75 3/IV
Surface - 1m
3.2 L - sample vol.
0.5
.02
.015
.016
.014
0.3
0.2
0.

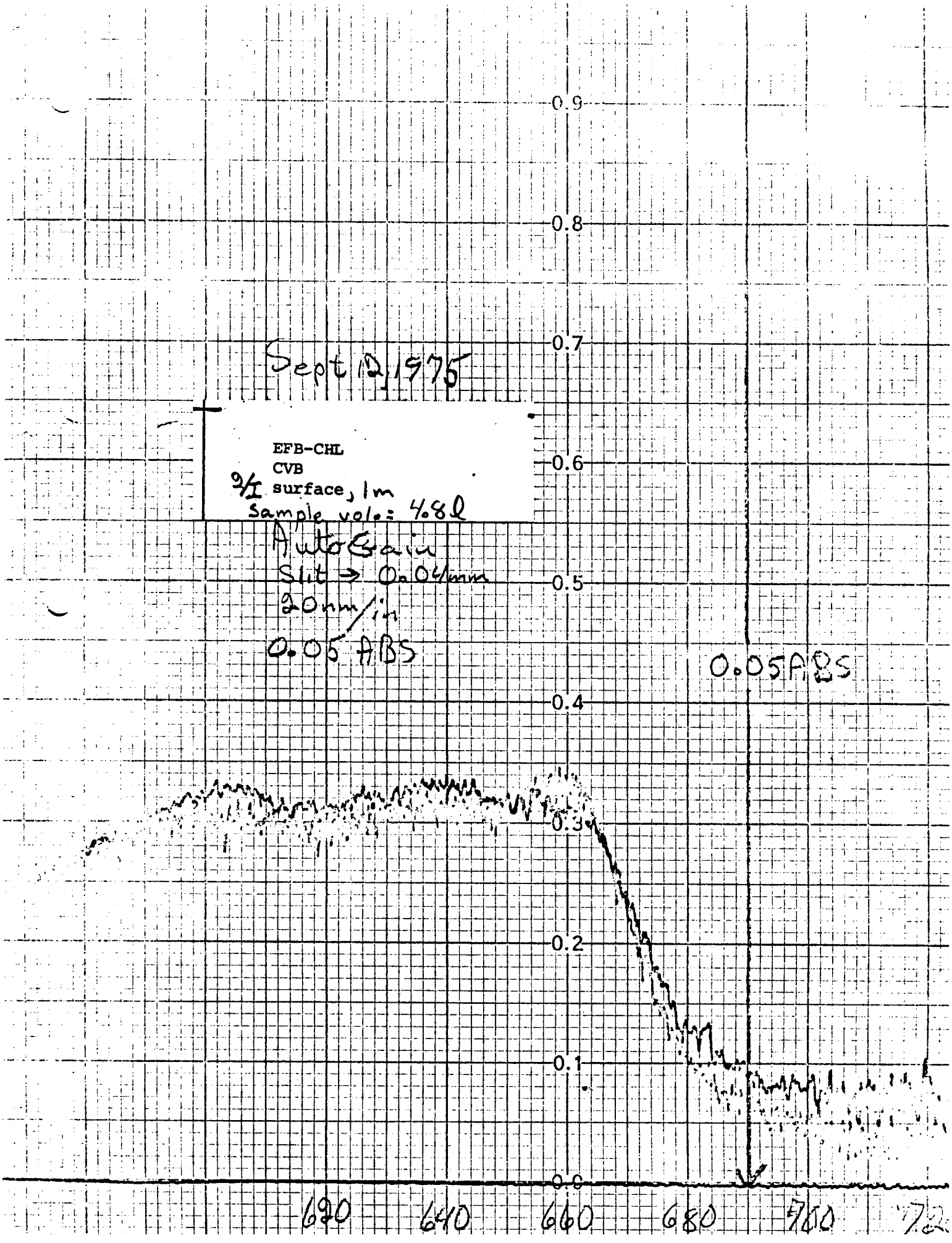

0.9
0.8
0.7
May 9, 1975
Auto Gain, slitwidth=.04
20nm/in, start 730 nm
0.05 ABS
DLE-CHL
May 75 3.IV
1/2 photic zone - 17m
3.2ℓ - sample vol.
0.4
.014
.0145
.0155
.0105
0.3
0.2
0.1
730

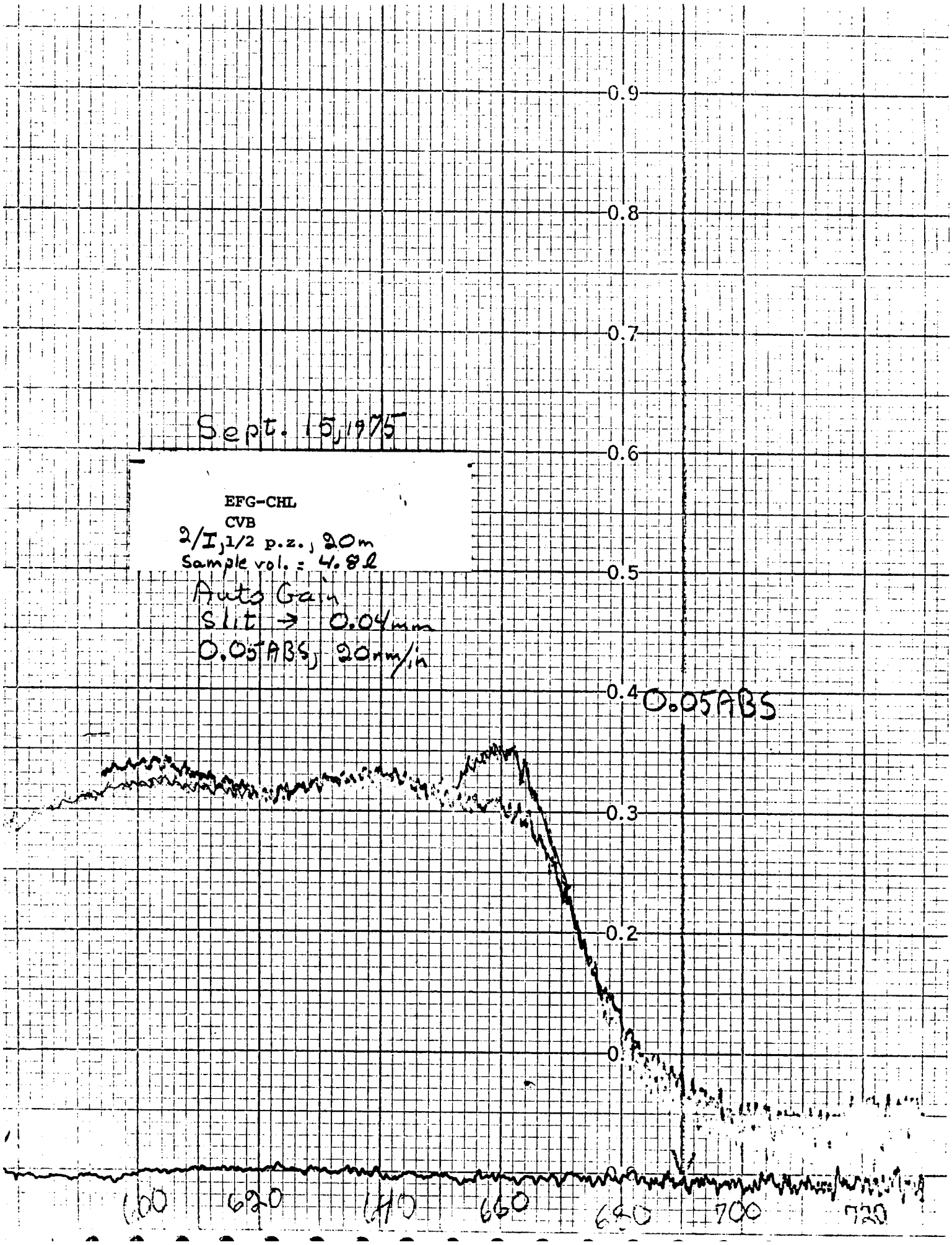

0.1 ABS
0.9
0.8
May 9, 1975
Auto Gain, slitwidth → .54
20 nm/in, Start 730 nm
0.7
DLJ-CHL
May 75 3/IV
Bottom - 90m
3.2 l - sample vol.
0.5
.03
.092
.093
.094
0.3
0.2

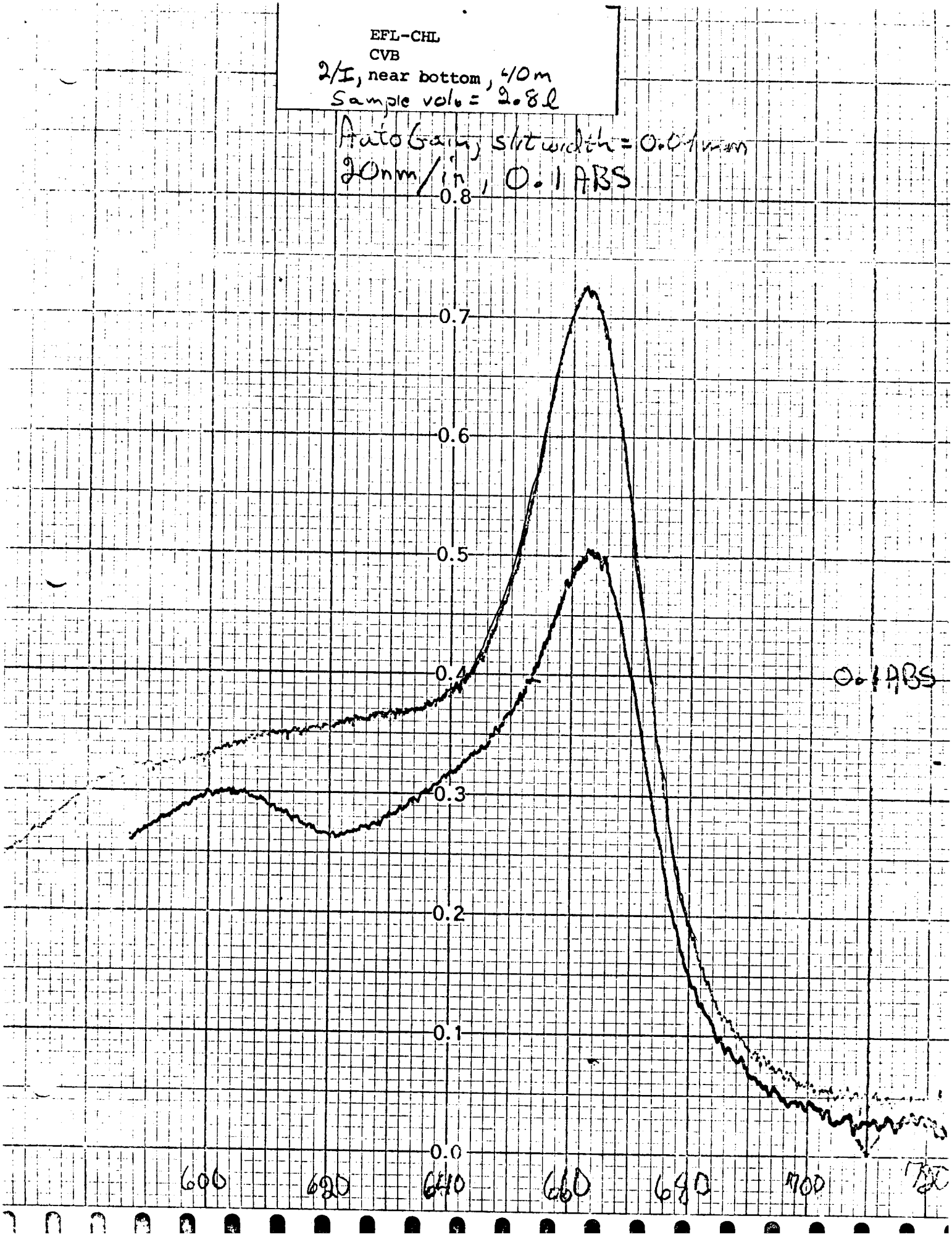

Sept. 12, 1975
0.1 ABS
EBW-CHL
CVB
1/I, surface
Sample depth = 1m
Sample vol. - 1.85 l
Auto gain,
slit width = 0.04 mm
0.1 ABS
20 nm/in
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
640
660
680
700
720
0.0 ABS

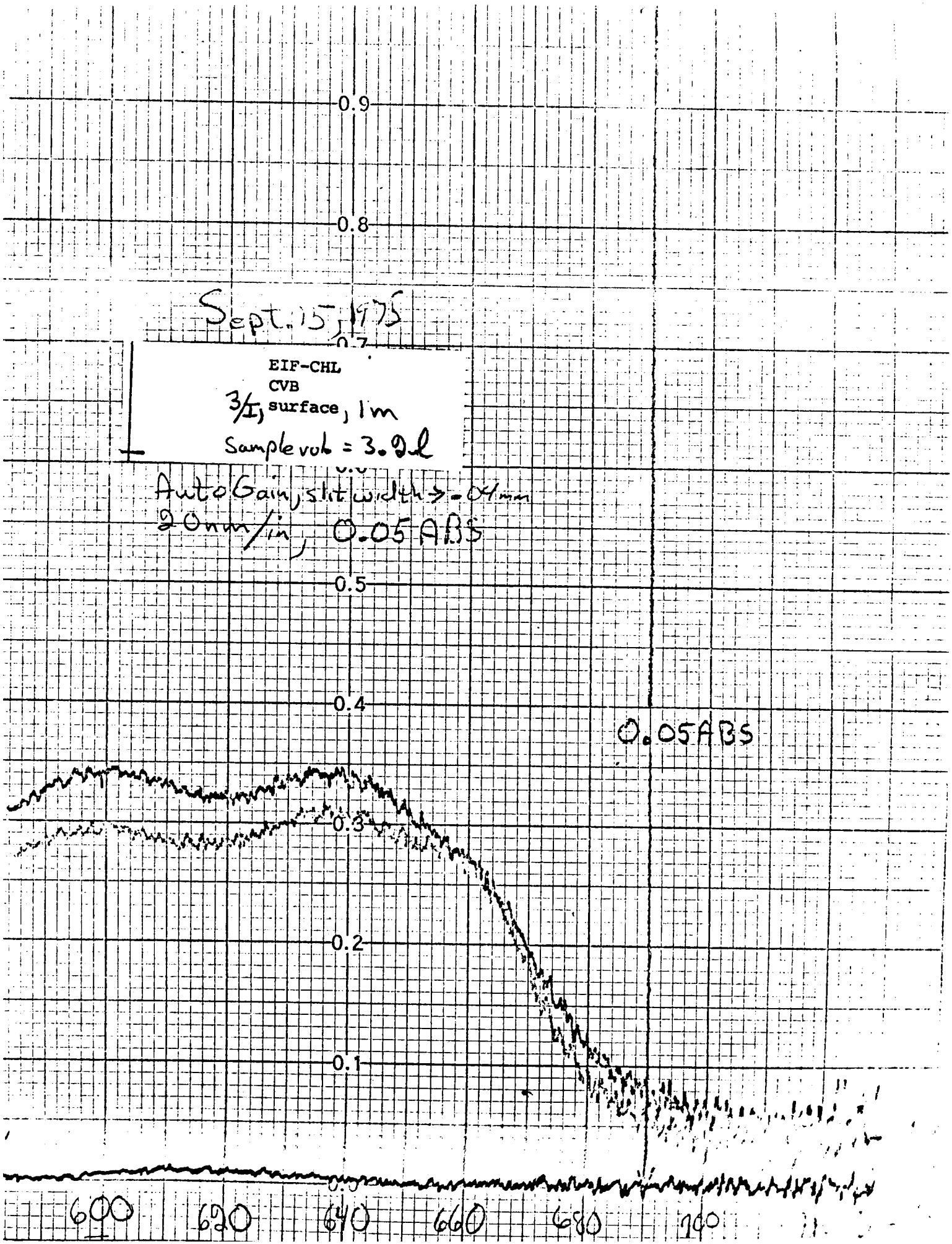

0.1 ABS
0.9
Sept 12, 1975
ECB-CHL
CVB
1/2, 1/2 p.z.
sample depth = 7.5m
Sample vol. = 1.95 l
Auto Gain
Slit width - 0.04mm
20 nm/in
0.1 ABS
0.6
0.5
0.4
0.3
0.2
0.1
0.0
700

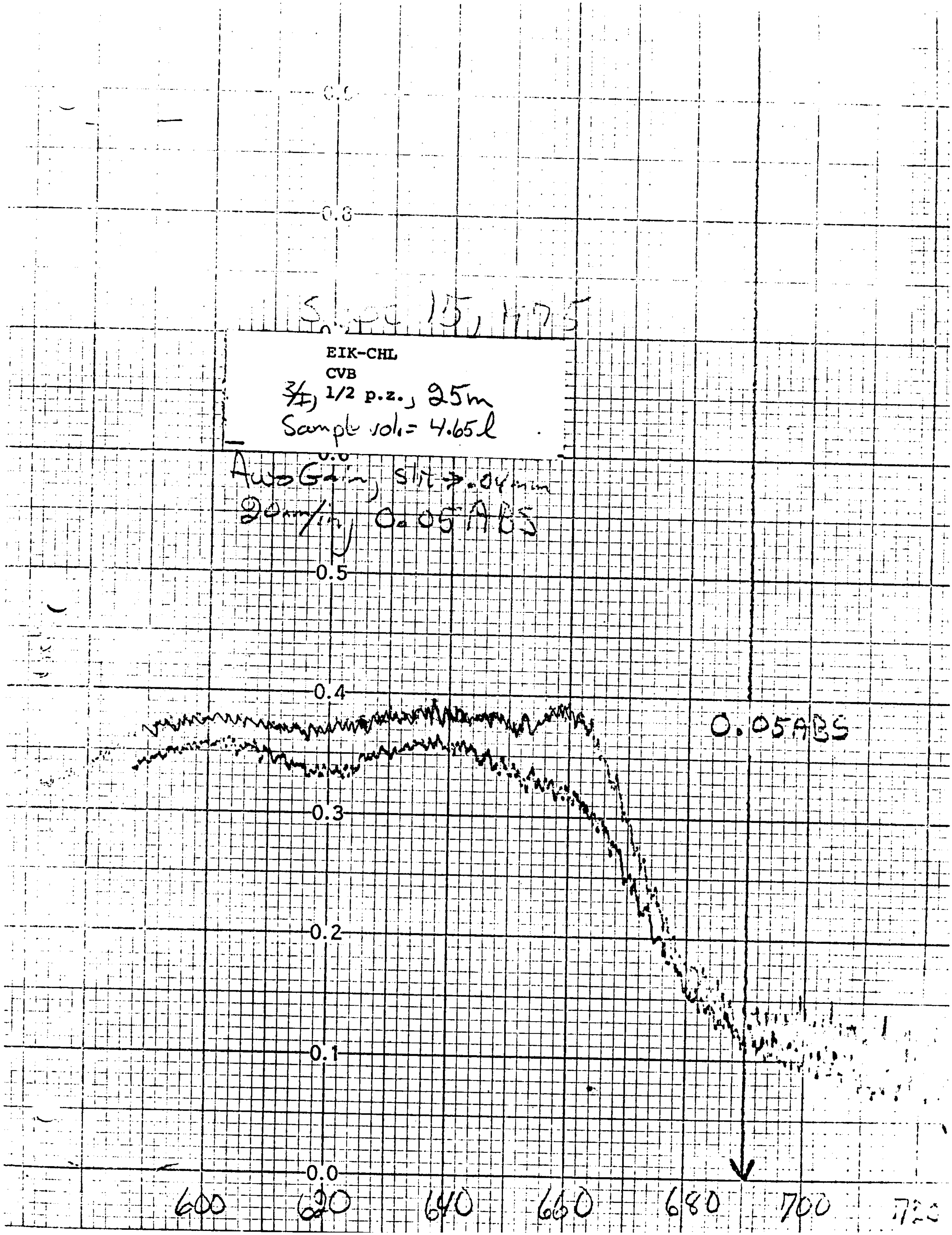

Sept. 12, 1975
ECG-CHL
CVB
1/I, near bottom, 15m
Sample vol. = 1.8 l
Auto Gain
Slit width = 0.04 mm
20 mm/in
0.1 ABS
0.1 ABS
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
600
620
640
660
680
700
730


Sept 12, 1975
EFB-CHL
CVB
3/I surface, 1m
Sample vol.: 4.8l
AutoGain
Slit → 0.04/mm
20nm/in
0.05 ABS
0.05ABS
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
620
640
660
680
700
720

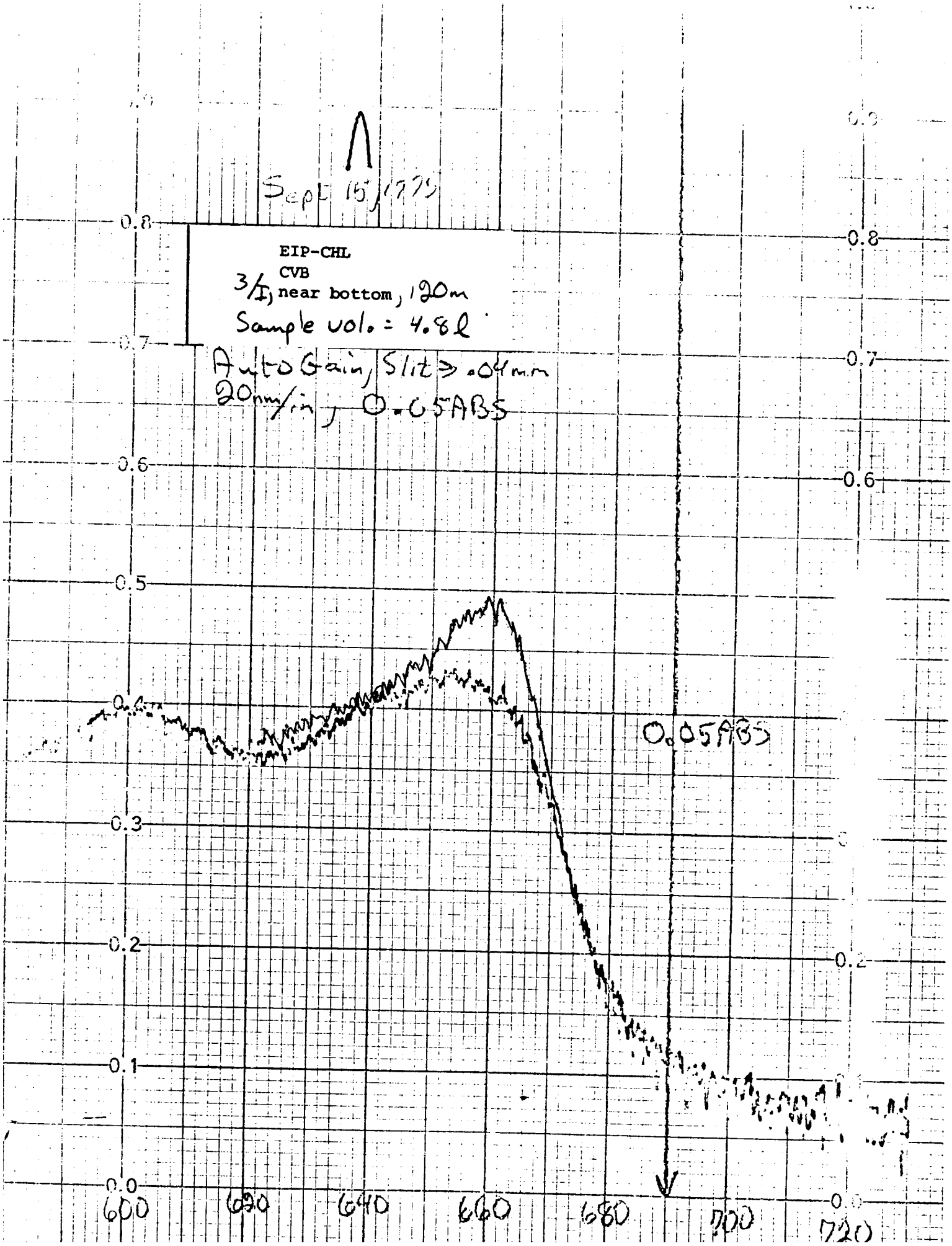

0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
Sept. 15, 1975
EFG-CHL
CVB
2/I, 1/2 p.z., 20m
Sample vol. = 4.8 l
Auto Gain
Slit → 0.04mm
0.05ABS, 20nm/in
0.05ABS
600
620
640
660
680
700
720

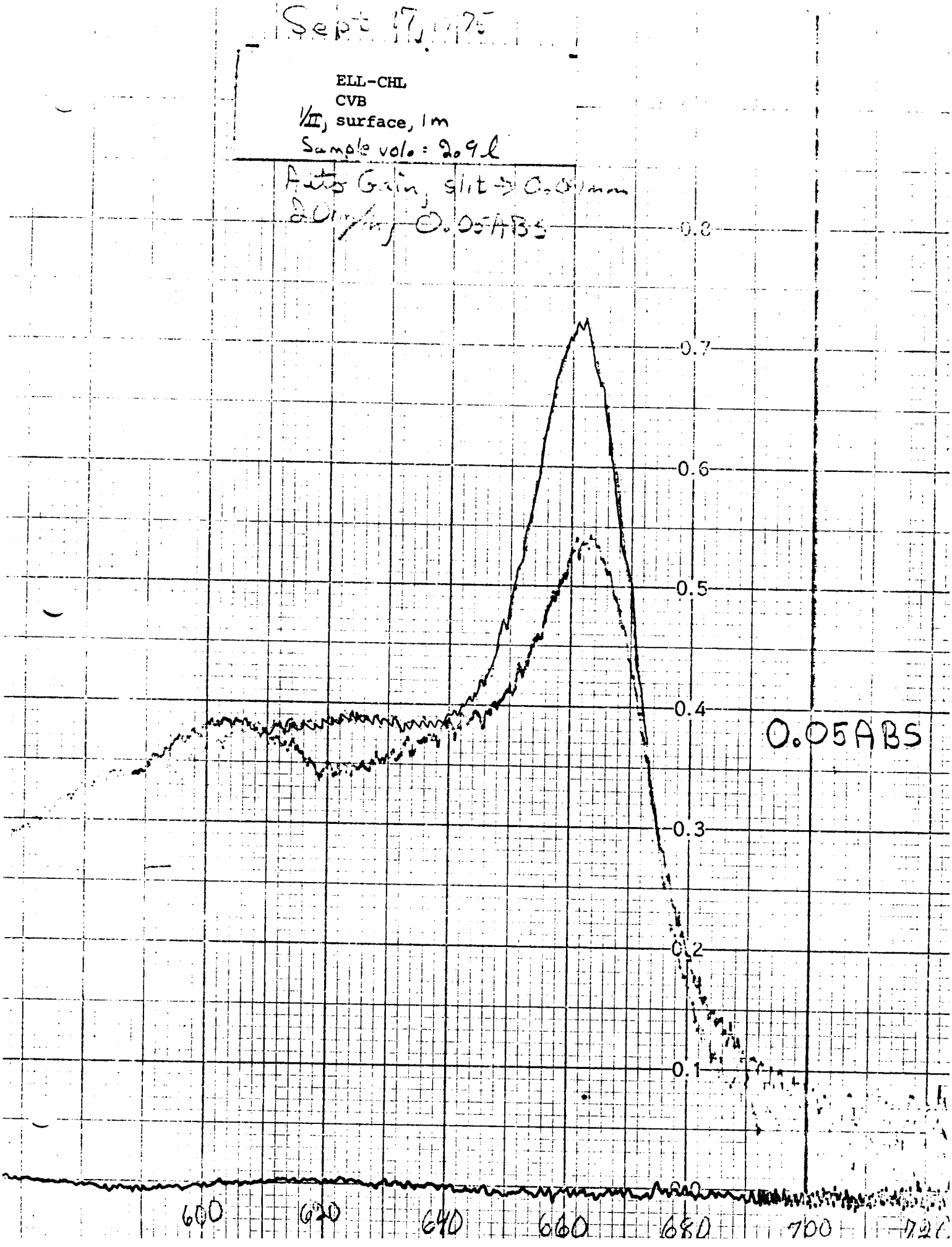

EFL-CHL
CVB
2/I, near bottom, 40m
Sample vol. = 2.8 l
Auto Gain, slit width = 0.01 mm
20nm/in, 0.1 ABS
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.1 ABS
600
620
640
660
680
700

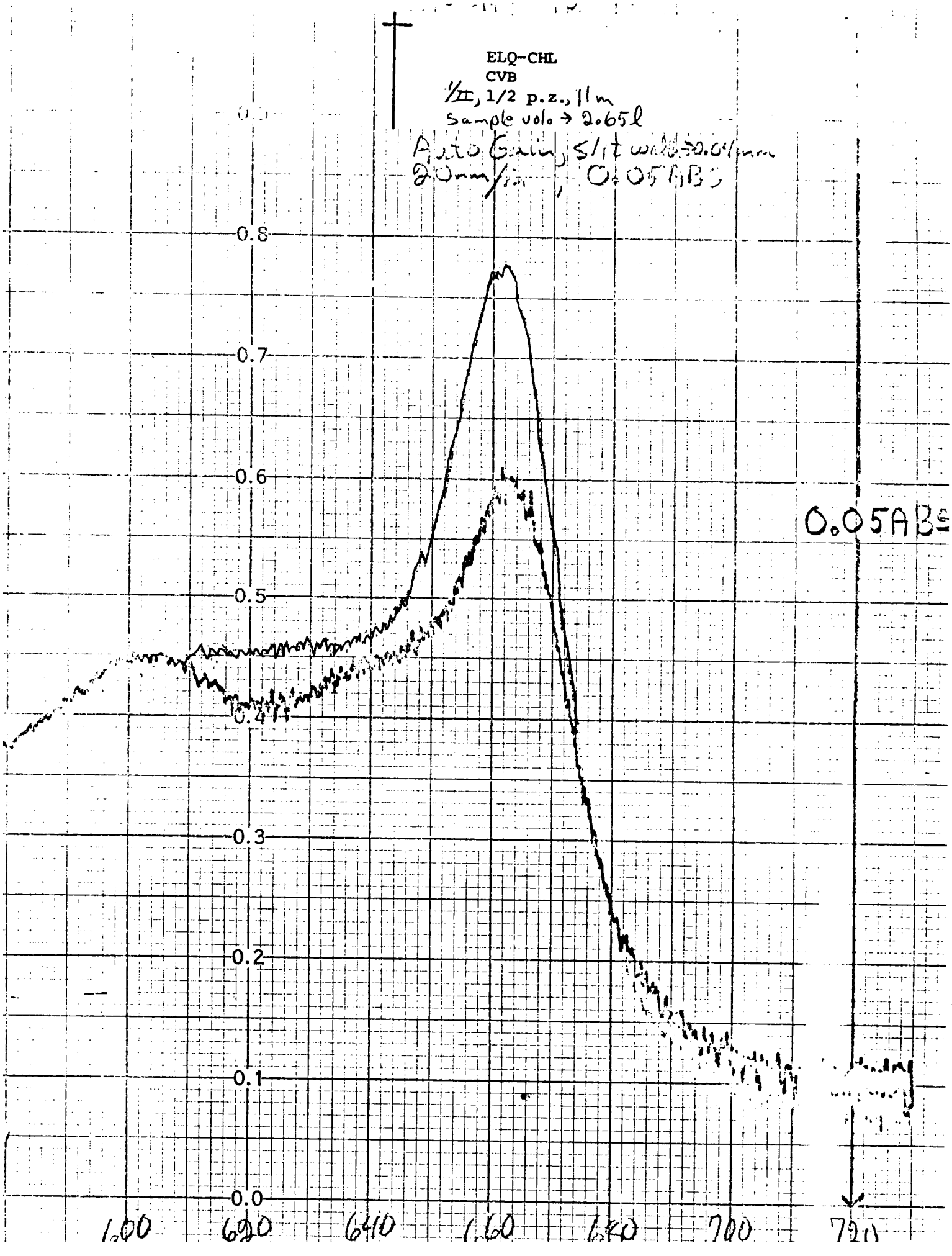

Sept. 15, 1975
EIF-CHL
CVB
3/I, surface, 1m
Sample vol = 3.2l
Auto Gain, slit width → .04mm
20nm/in, 0.05 ABS
0.05 ABS
0.9
0.8
0.7
0.5
0.4
0.3
0.2
0.1
600
620
640
660
680
700

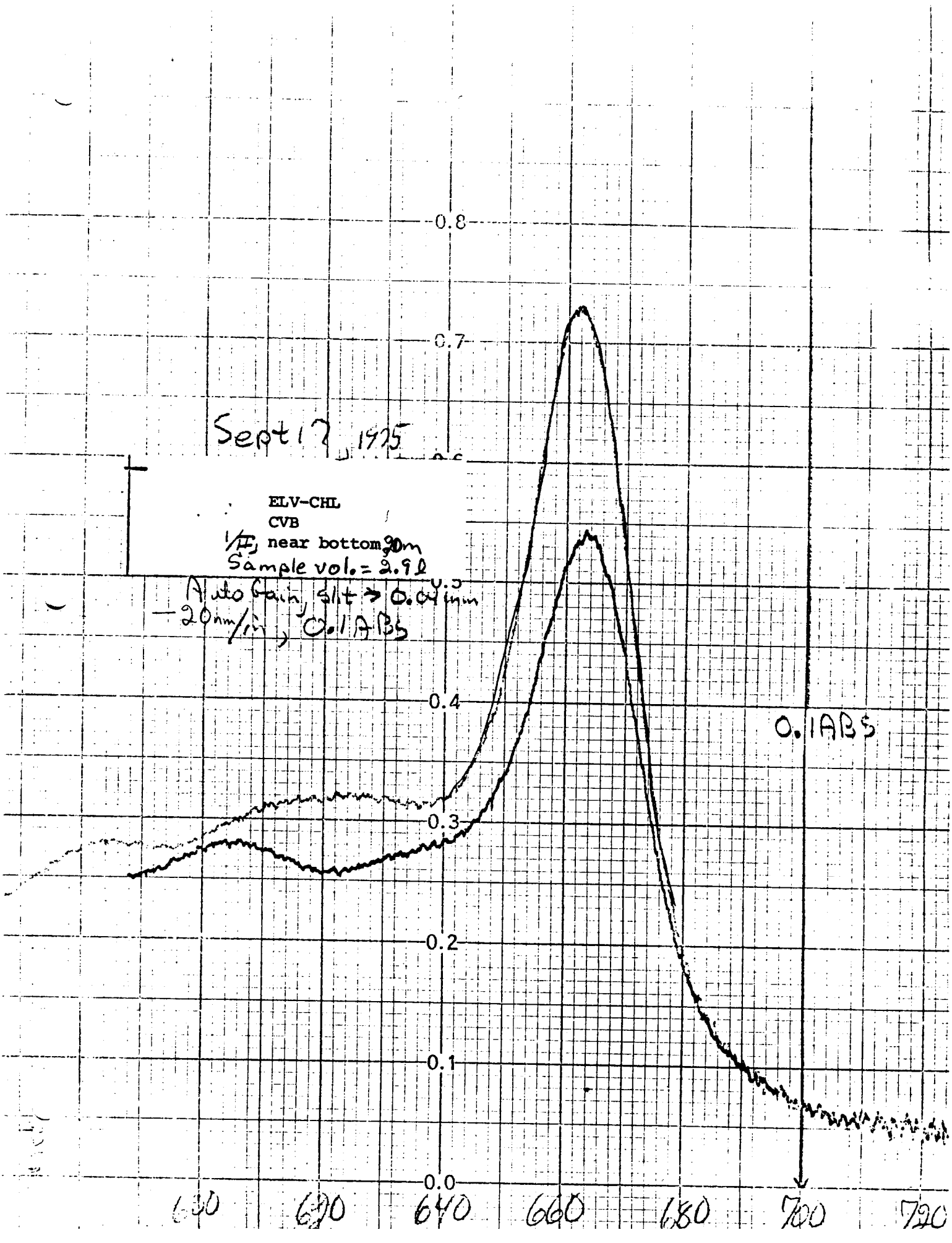


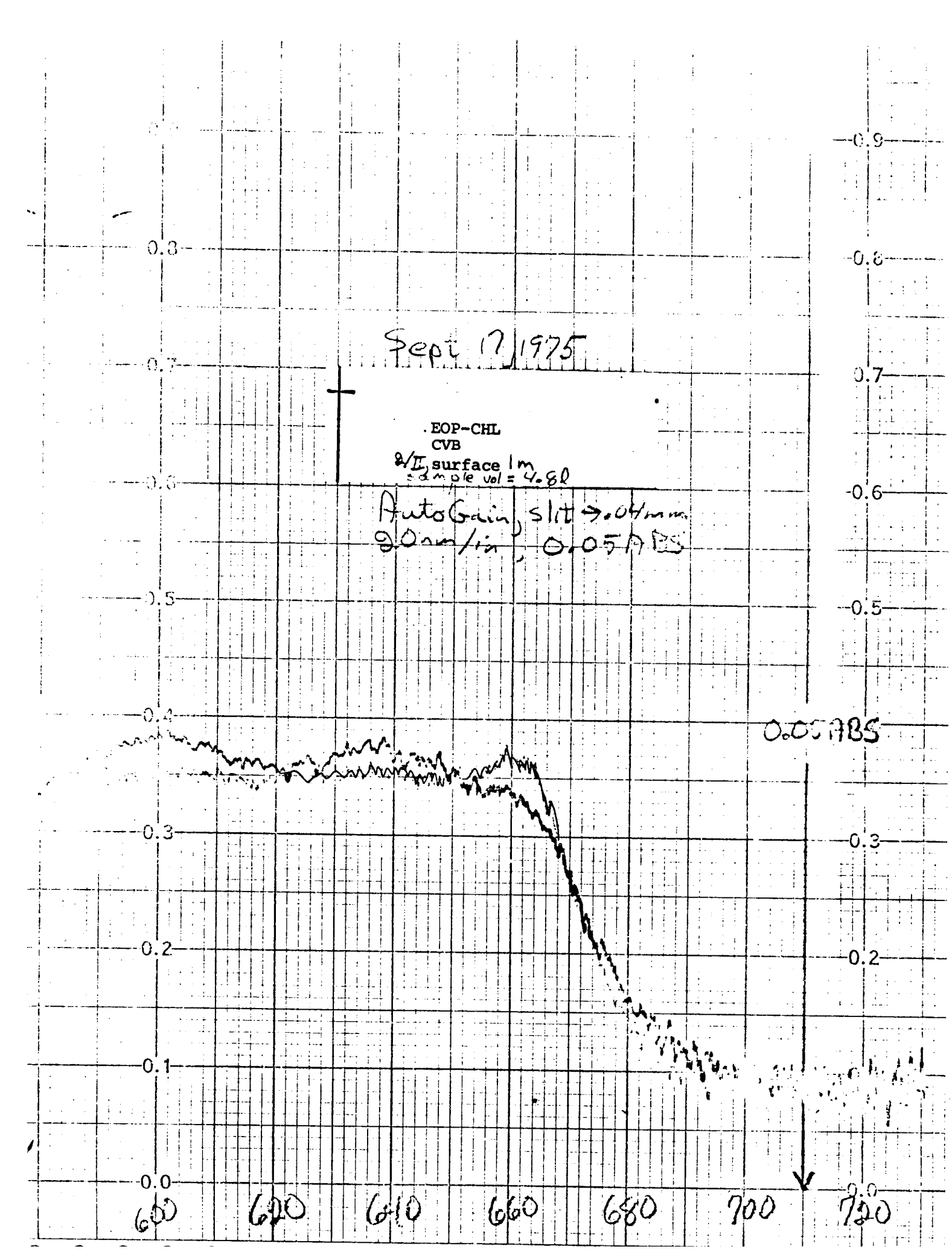
EIK-CHL
CVB
3/1, 1/2 p.z., 25m
Sample vol.= 4.65 l
AutoGain, slit → .04 mm
20nm/in, 0.05 ABS
0.05ABS
0.8
0.6
0.5
0.4
0.3
0.2
0.1
0.0
600
620
640
660
680
700

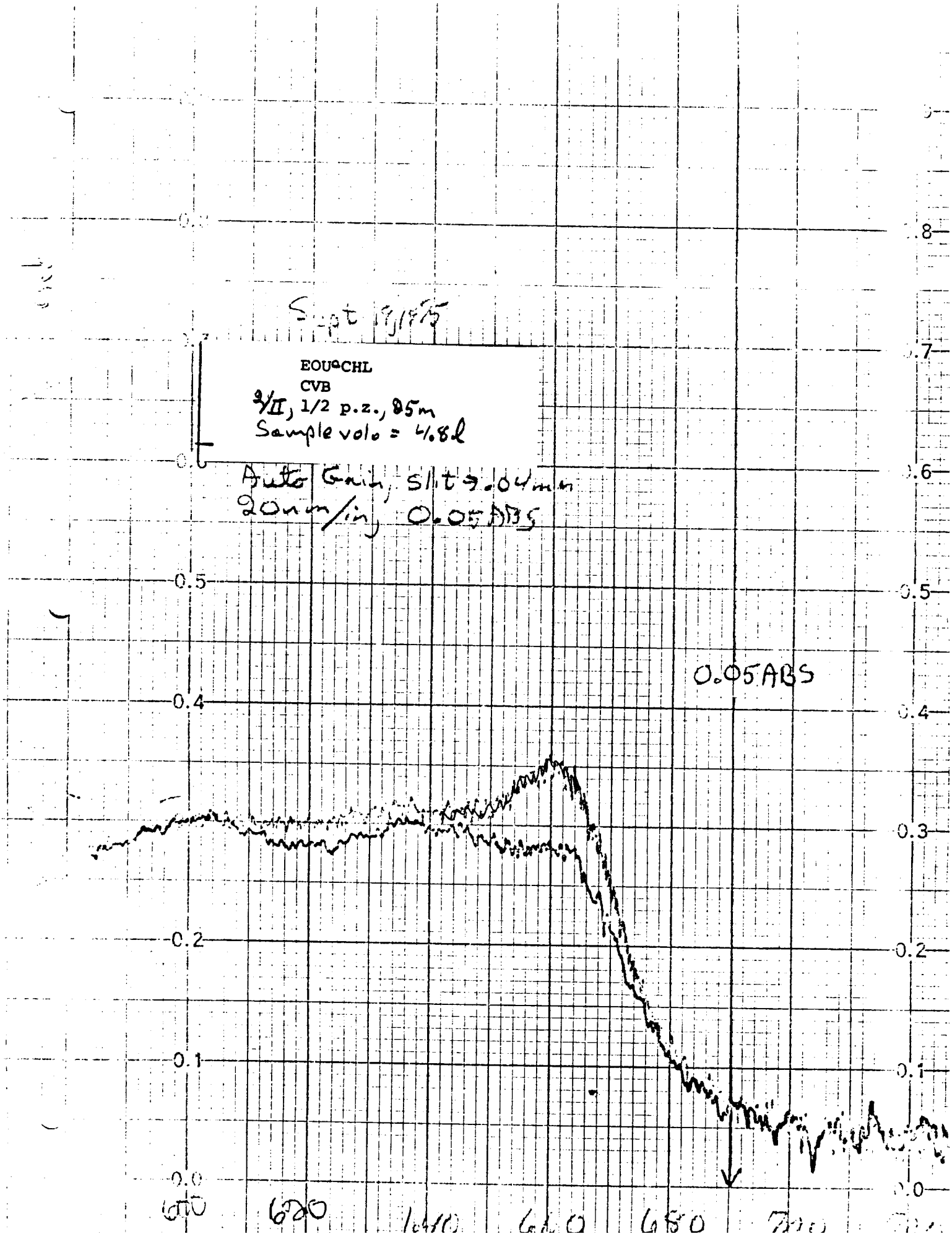

Sept 15, 1975
EIP-CHL
CVB
3/I, near bottom, 120m
Sample vol. = 4.8 l
Auto Gain, Slit > .04mm
20nm/in, 0.05ABS
0.05ABS
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
600
620
640
660
680
700
720

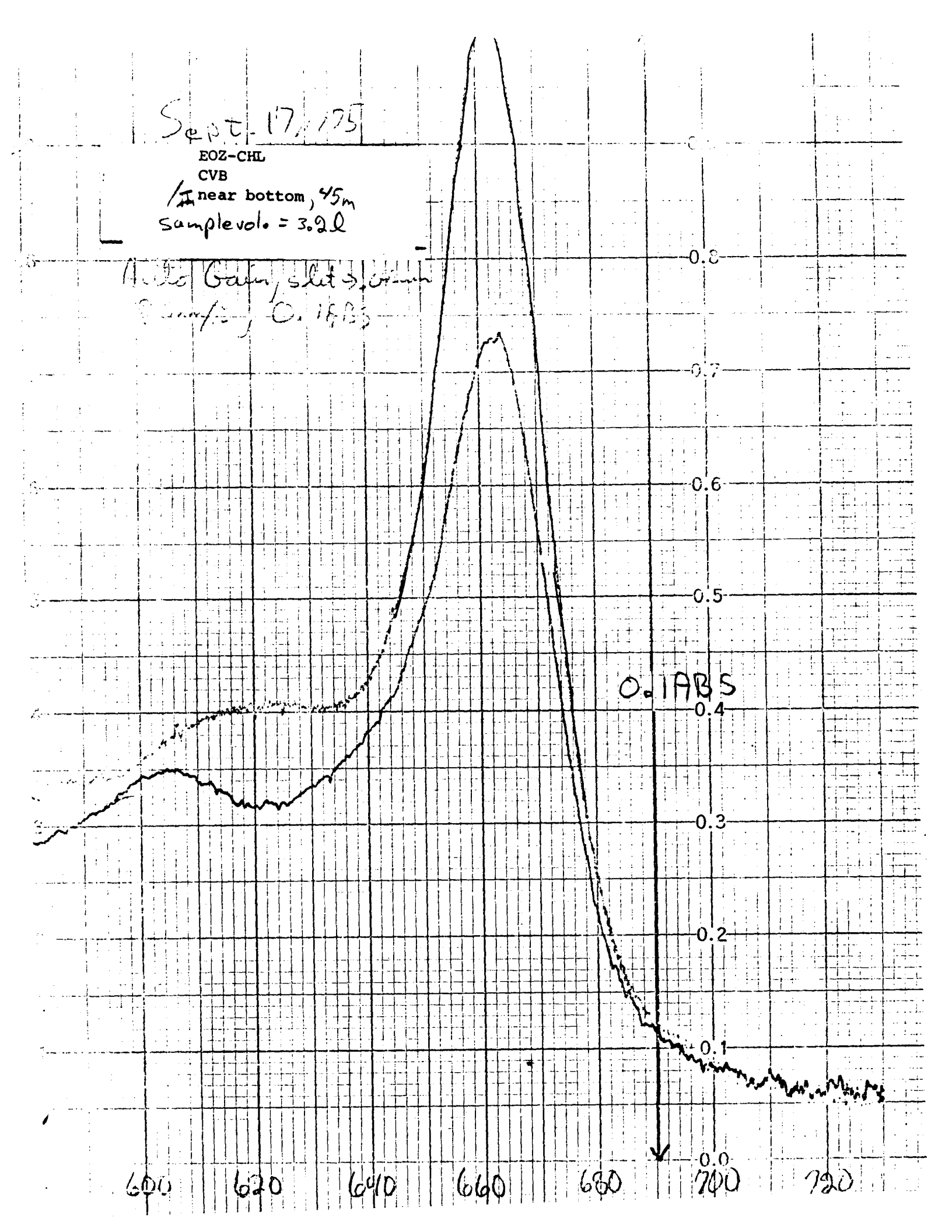

Sept 17, 75
ELL-CHL
CVB
1/III, surface, 1m
Sample vol. = 2.9 l
Auto Gain, slit → 0.04 mm
20 mm = 0.05 ABS
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.05 ABS
600
620
640
660
680
700
720

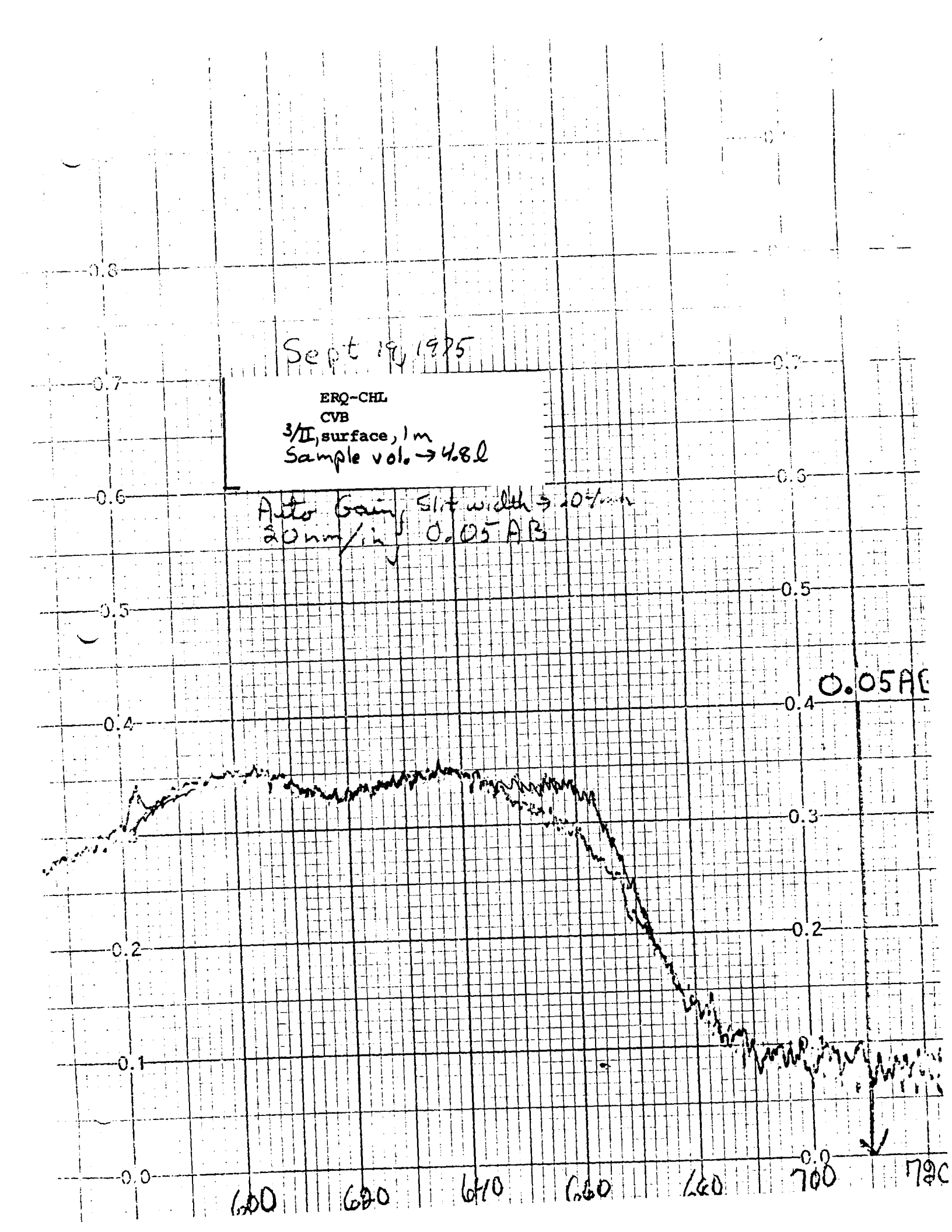

ELQ-CHL
CVB
1/II, 1/2 p.z., 11 m
Sample vol. → 2.65l
Auto Gain, S/I width=0.01mm
20mm/min, 0.05 ABS
0.05ABS
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
1.00
690
640
1.60
660
700
720

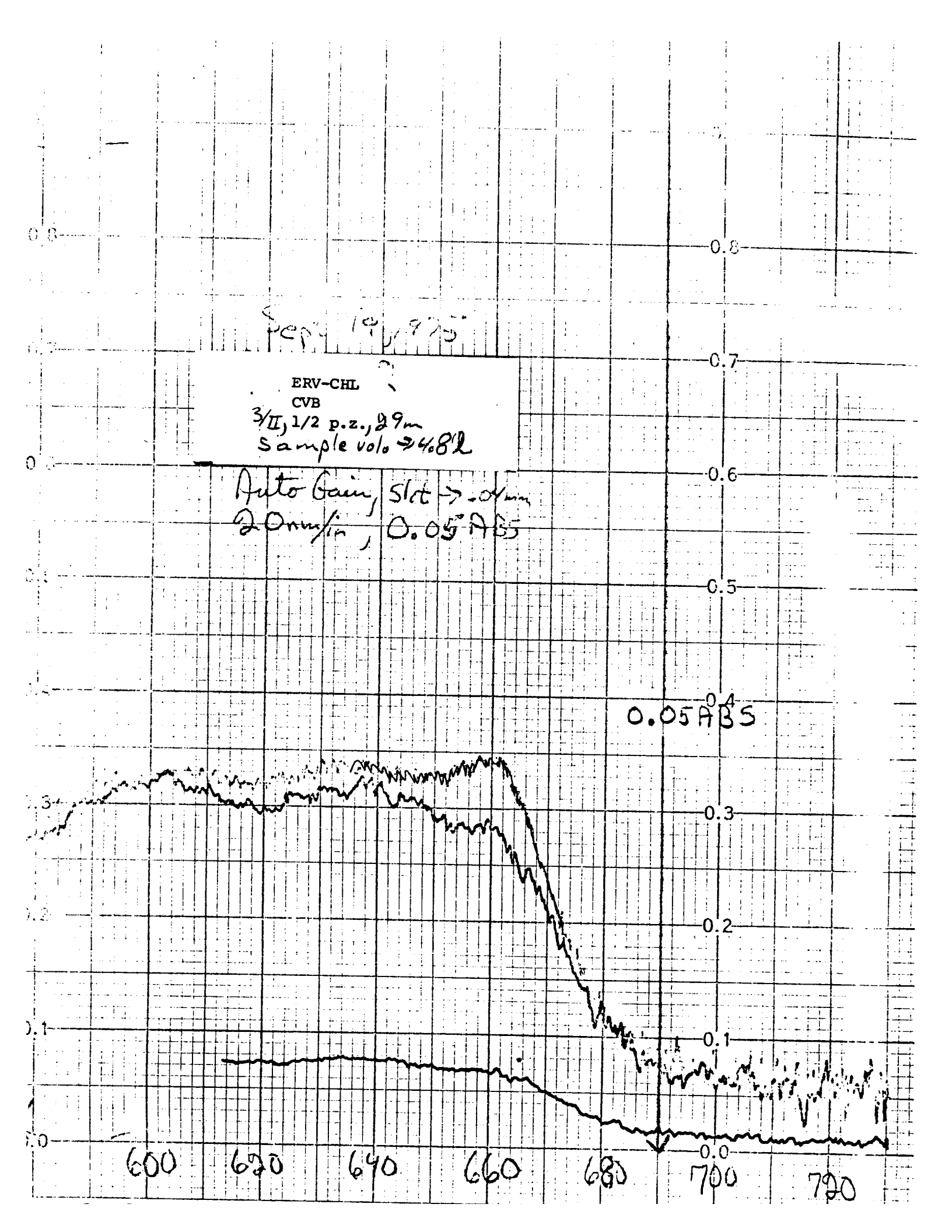

0.8
0.7
Sept 12 1975
ELV-CHL
CVB
1/E, near bottom, 30m
Sample vol. = 2.9 l
Auto Gain, slit → 0.04 mm
20nm/in → 0.1 ABS
0.4
0.1ABS
0.3
0.2
0.1
0.0
640
660
680
700
720

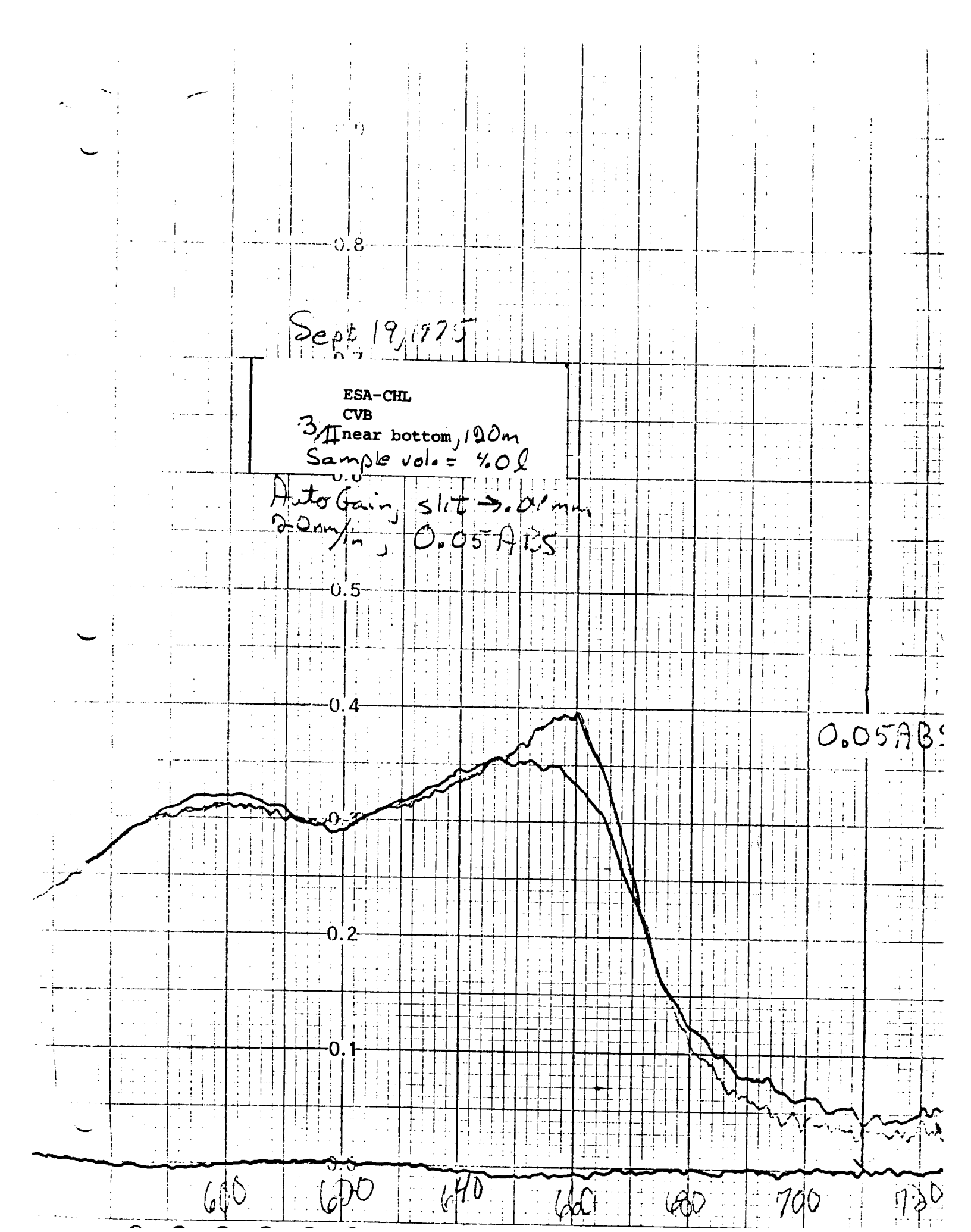

Sept 17 1975
EOP-CHL
CVB
2/II, surface 1m
sample vol = 4.8l
AutoGain, slit → .04mm
9.0nm/in, 0.05 ABS
0.00785
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
600
620
640
660
680
700
720

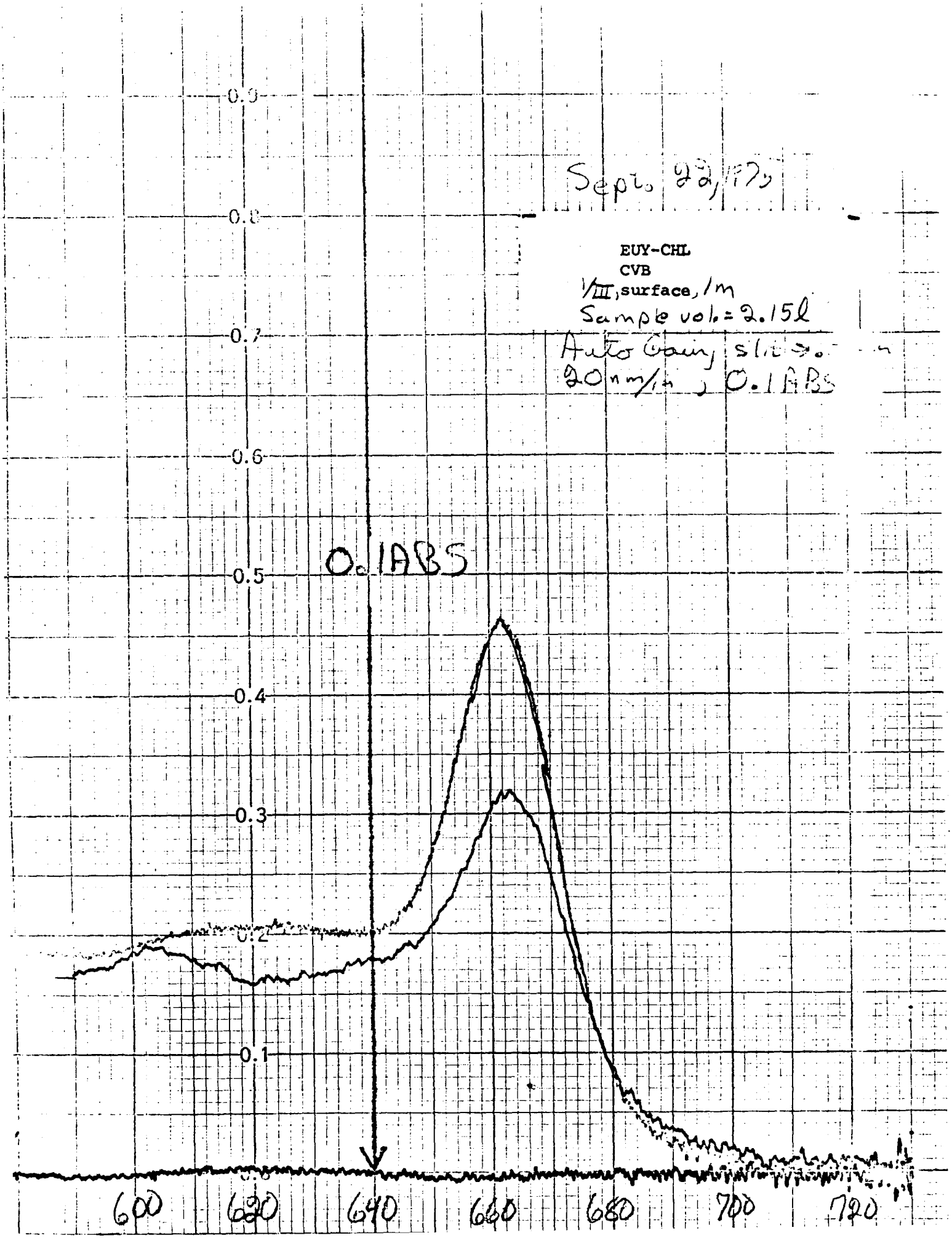

Sept 1975
EOUSCHL
CVB
9/II, 1/2 p.z., 85m
Sample volo = 4.8l
Auto Gain, slit 2.04mm
20nm/in, 0.05ABS
0.05ABS
0.5
0.4
0.2
0.1
0.0
600
650
700

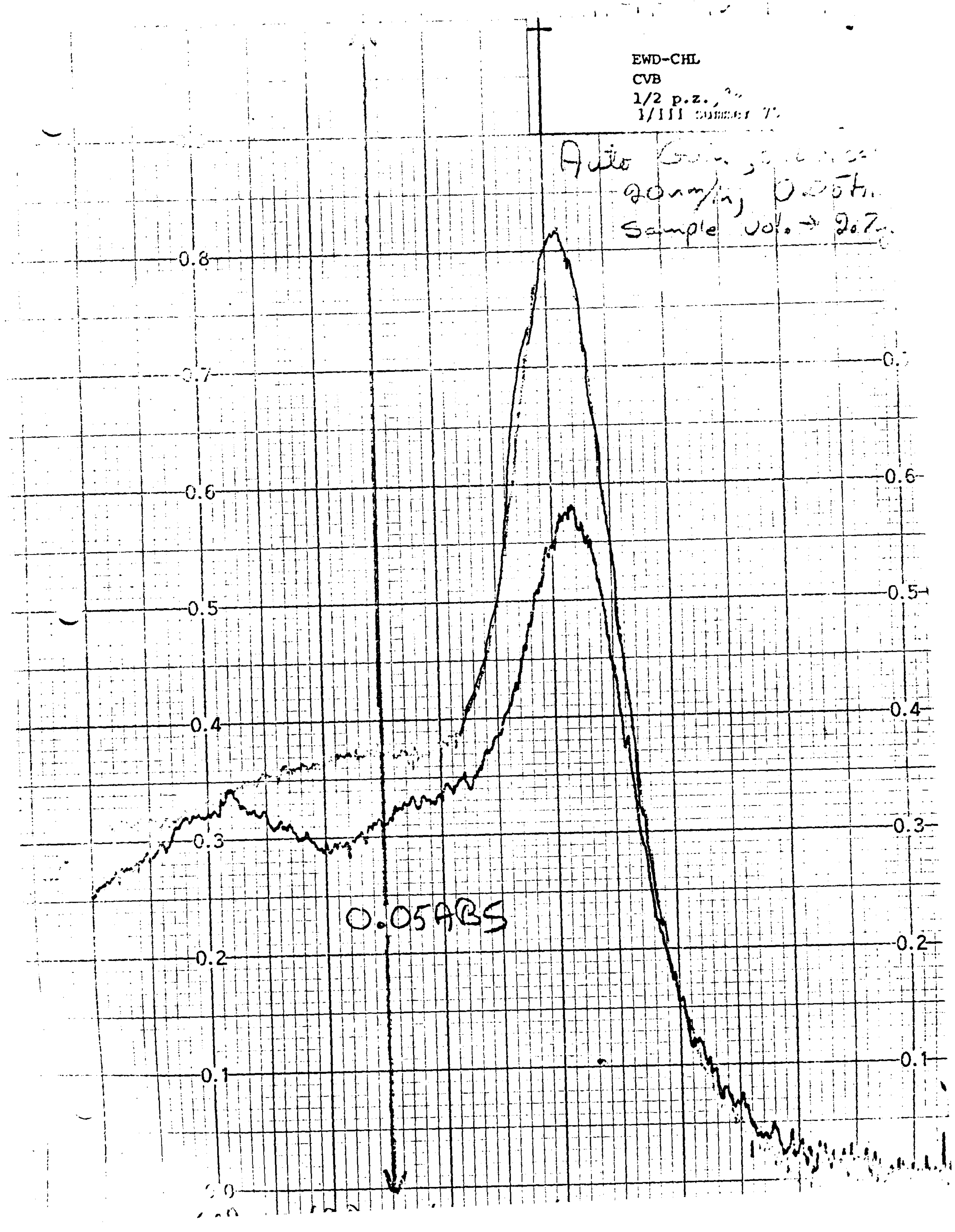

Sept. 17, 175
EOZ-CHL
CVB
1/m near bottom, 45m
sample vol. = 3.2 l
0.8
0.7
0.6
0.5
0.1 ABS
0.4
0.3
0.2
0.1
0.0
600
620
640
660
680
700
720

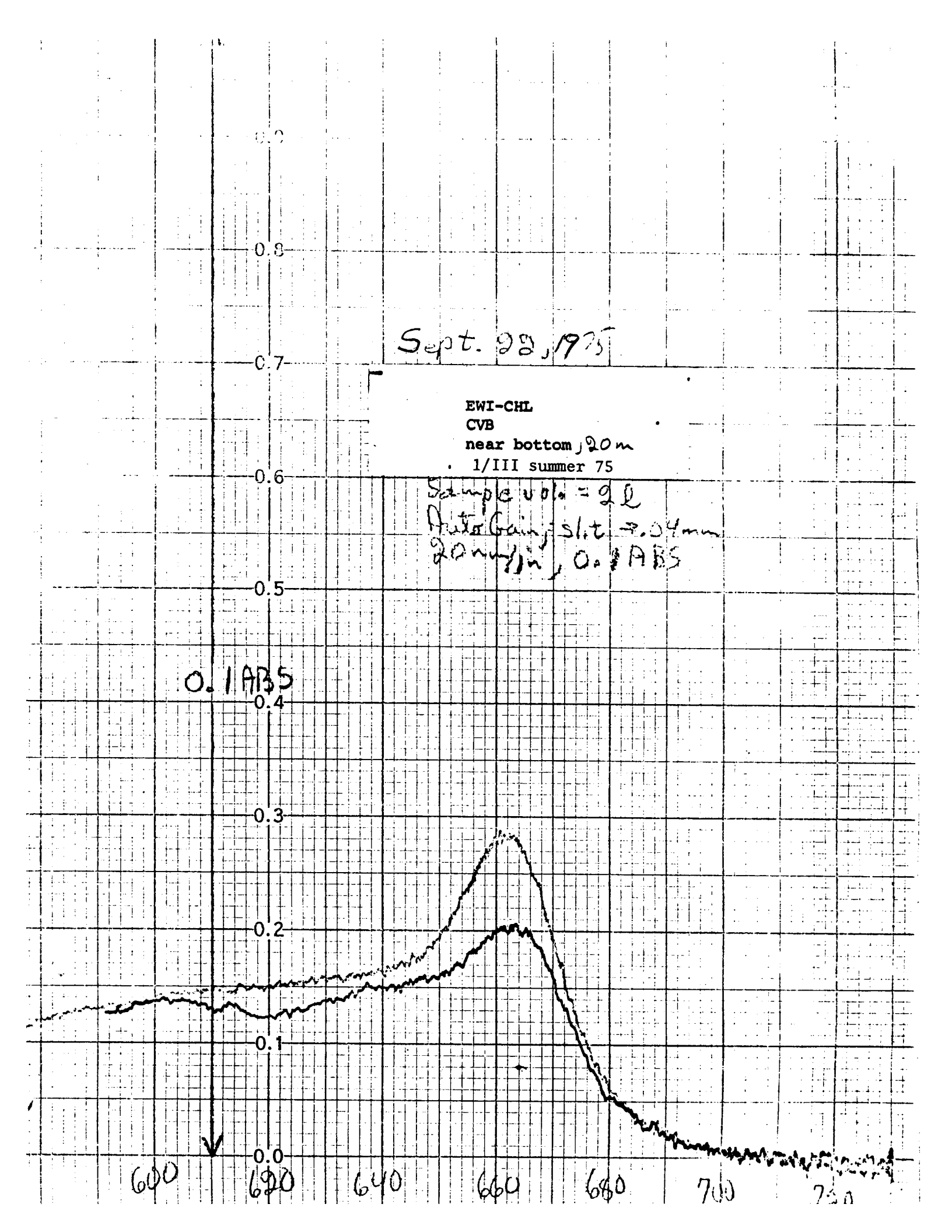

Sept 19, 1975
ERQ-CHL
CVB
3/II, surface, 1m
Sample vol. → 4.8l
Auto Gain, Slit width → 20 nm
20nm/in 0.05 AB
0.05 AB
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
600
620
640
660
680
700
720

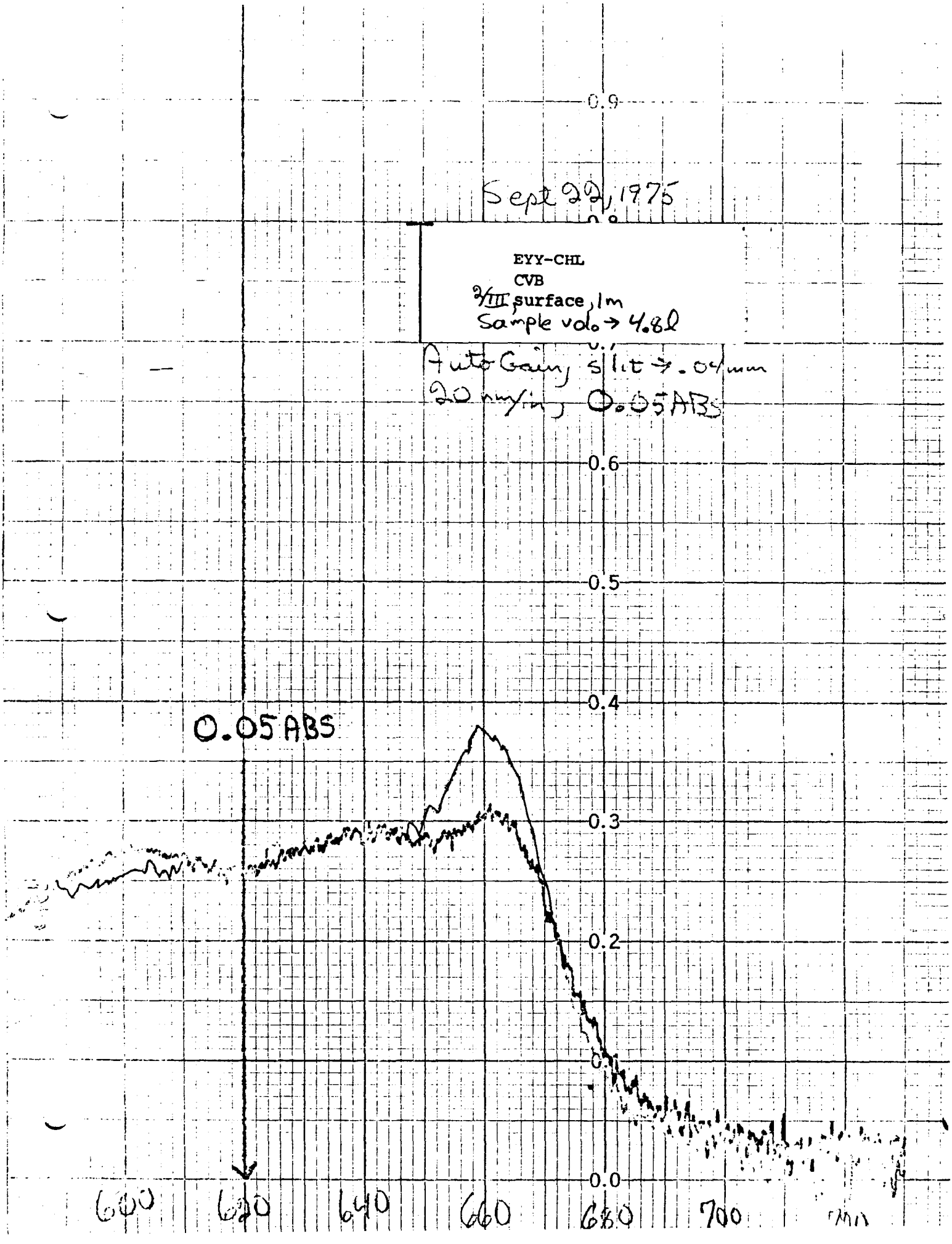

Sept 19, 75
ERV-CHL
CVB
3/II, 1/2 p.z., 29m
Sample vol. → 4.8L
Auto Gain, Slit → .04mm
20nm/in, 0.05 ABS
0.05 ABS
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
600
620
640
660
680
700
720

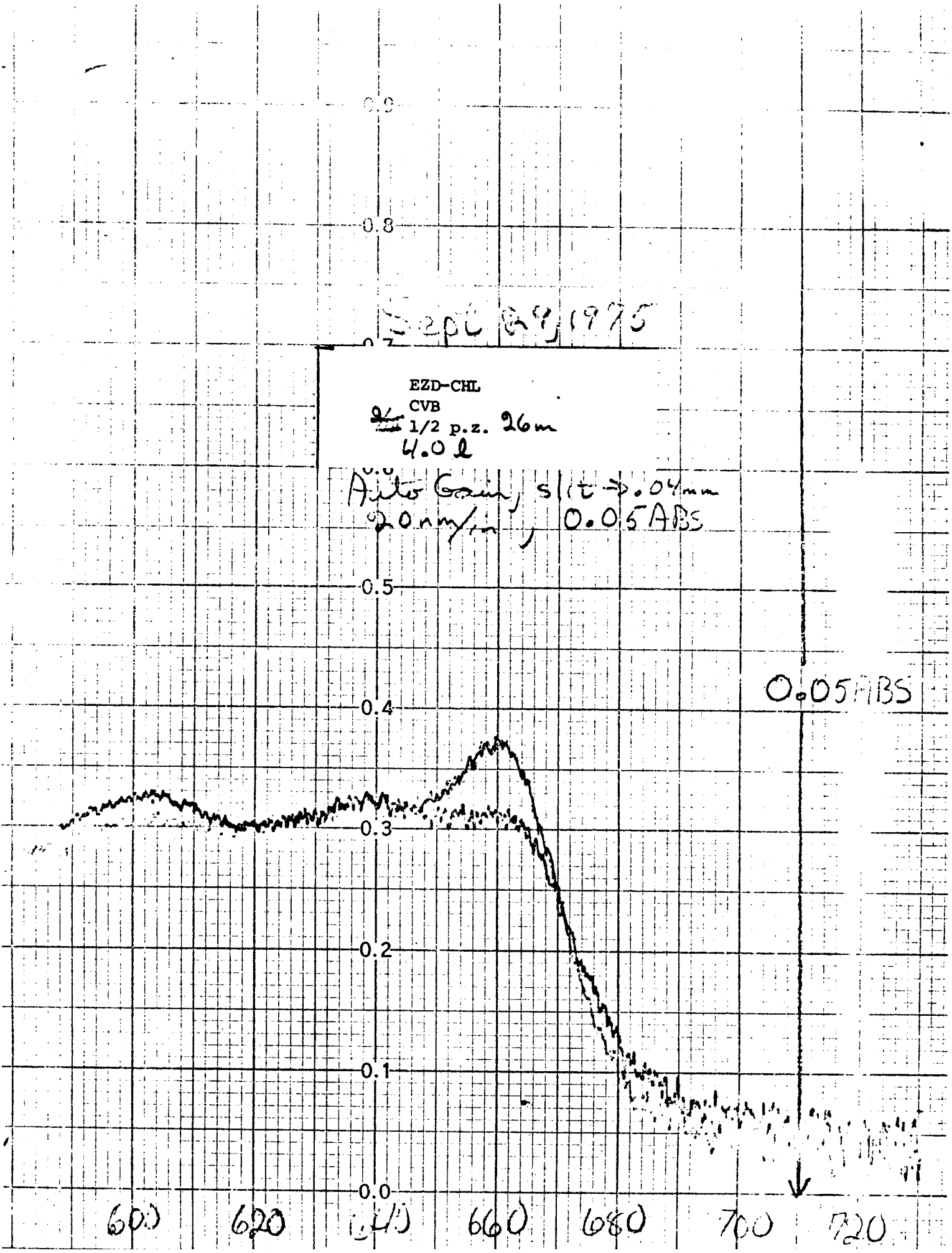

Sept 19, 1975
ESA-CHL
CVB
3/II near bottom, 120m
Sample vol. = 4.0 l
Auto Gain, slit → .04 mm
2-2nm/in, 0.05 ABS
0.8
0.5
0.4
0.2
0.1
0.05ABS
640
680
720
760
800
840
880

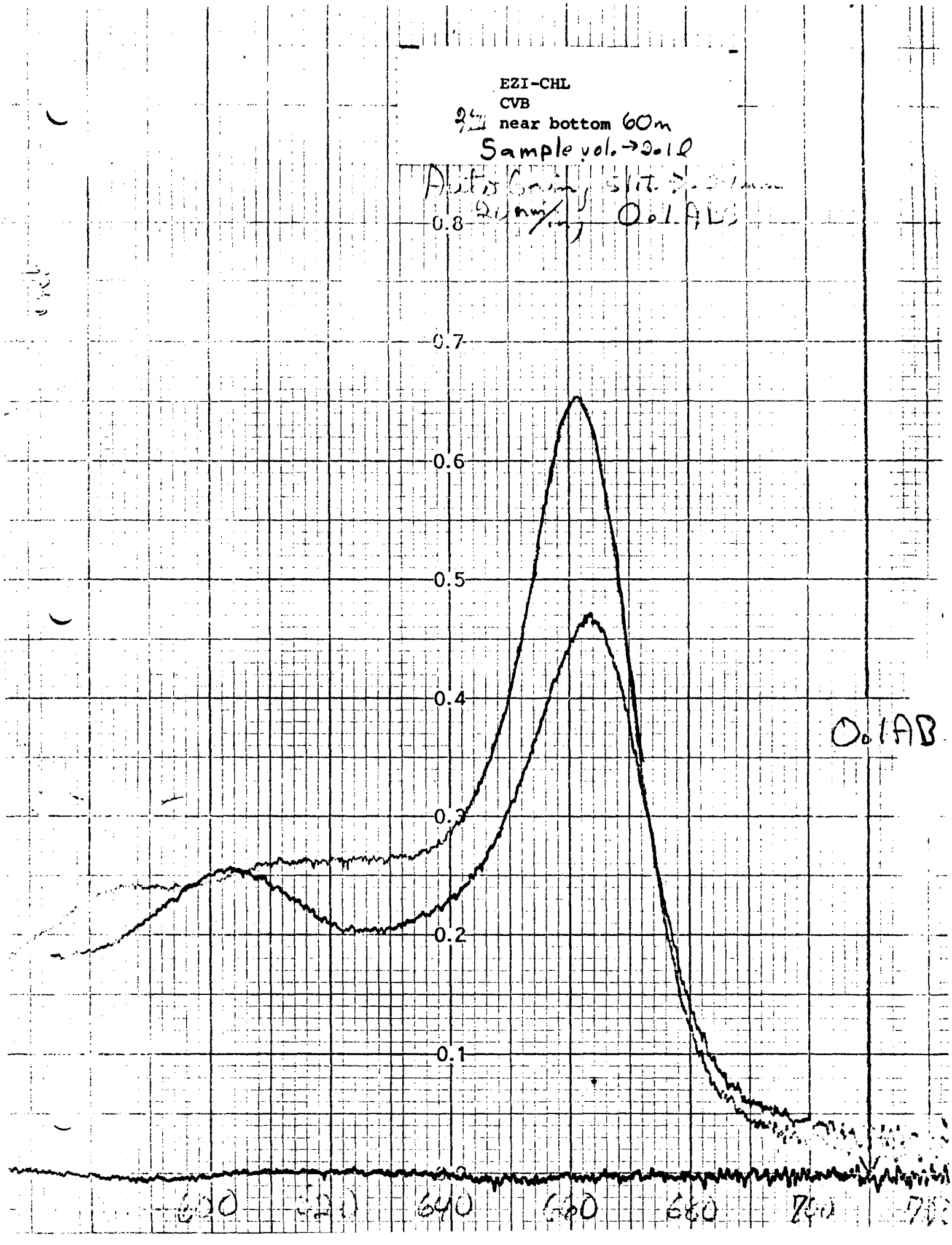

Sept. 22, '75
EUY-CHL
CVB
I/III, surface, 1m
Sample vol. = 2.15l
Auto Gain, slit →
20 nm/in, 0.1 ABS
0.1 ABS
0.0
0.1
0.6
0.5
0.4
0.3
0.2
0.1
600
620
640
660
680
700
720

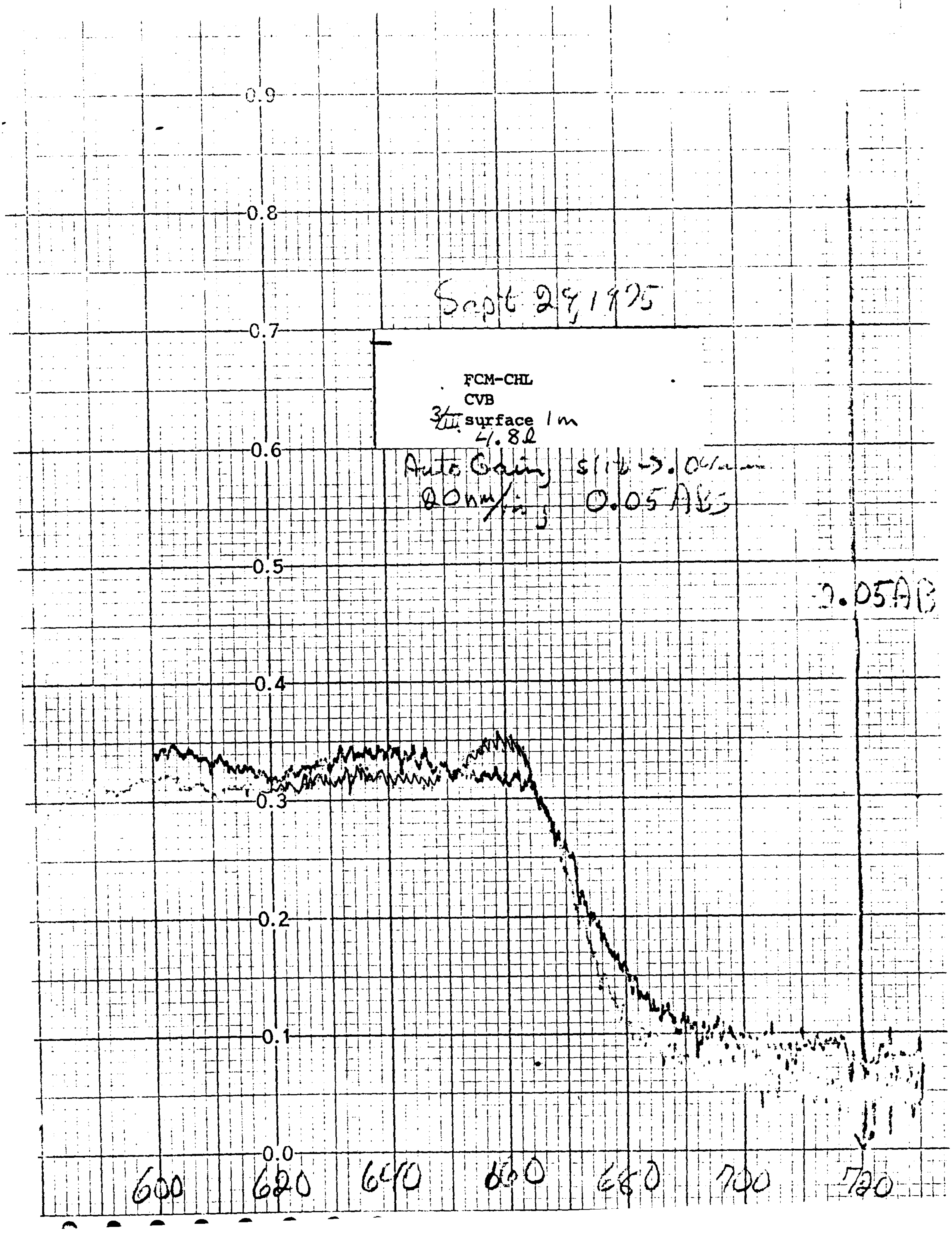

EWD-CHL
CVB
1/2 p.z.,
Sample vol. → 2.7
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.05ABS
0.6
0.5
0.4
0.3
0.2
0.1

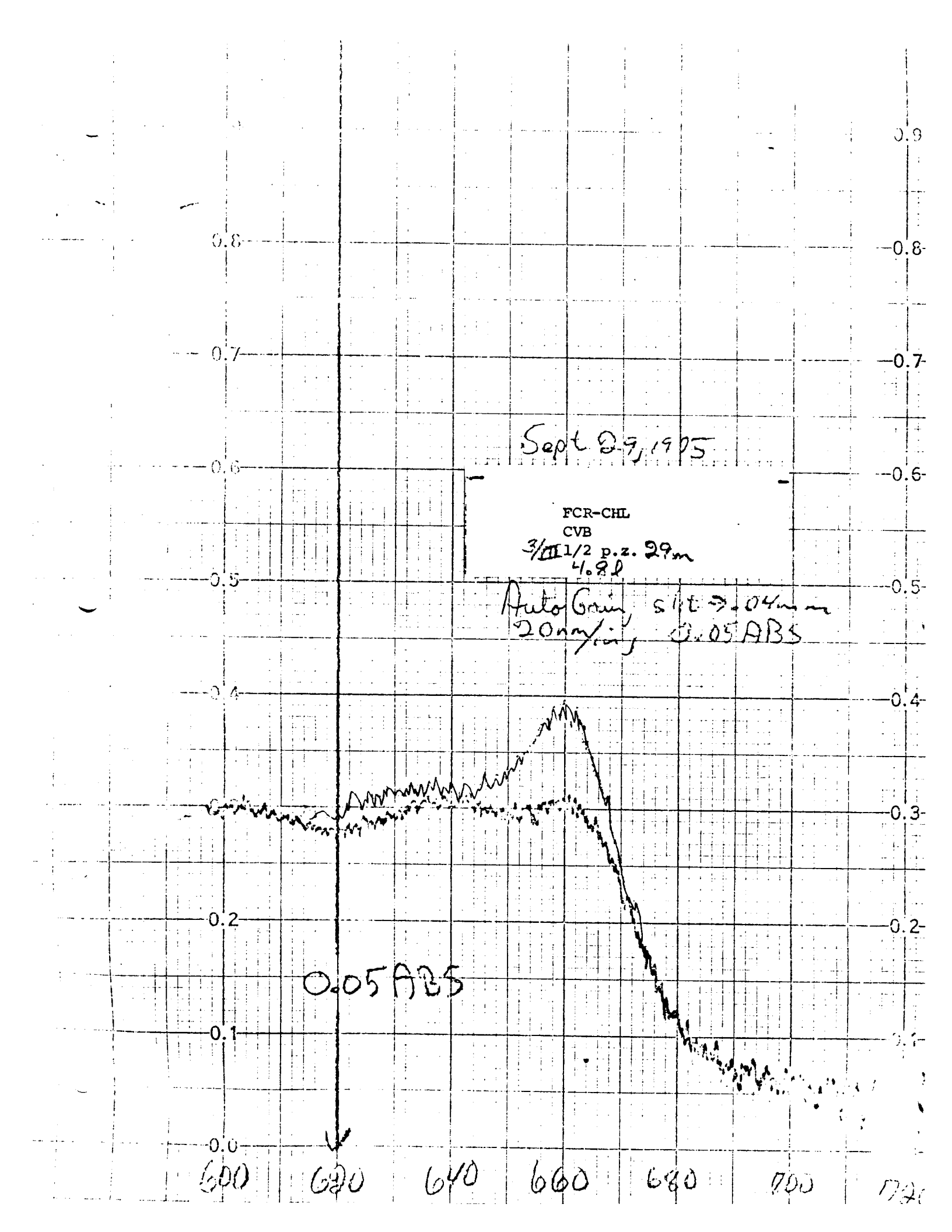

Sept. 22, 1975
EWI-CHL
CVB
near bottom, 20 m
1/III summer 75
Sample vol. = 2 L
Auto Gain, slit = .04mm
20 nm/in, 0.1 ABS
0.1 ABS
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
600
620
640
660
680
700

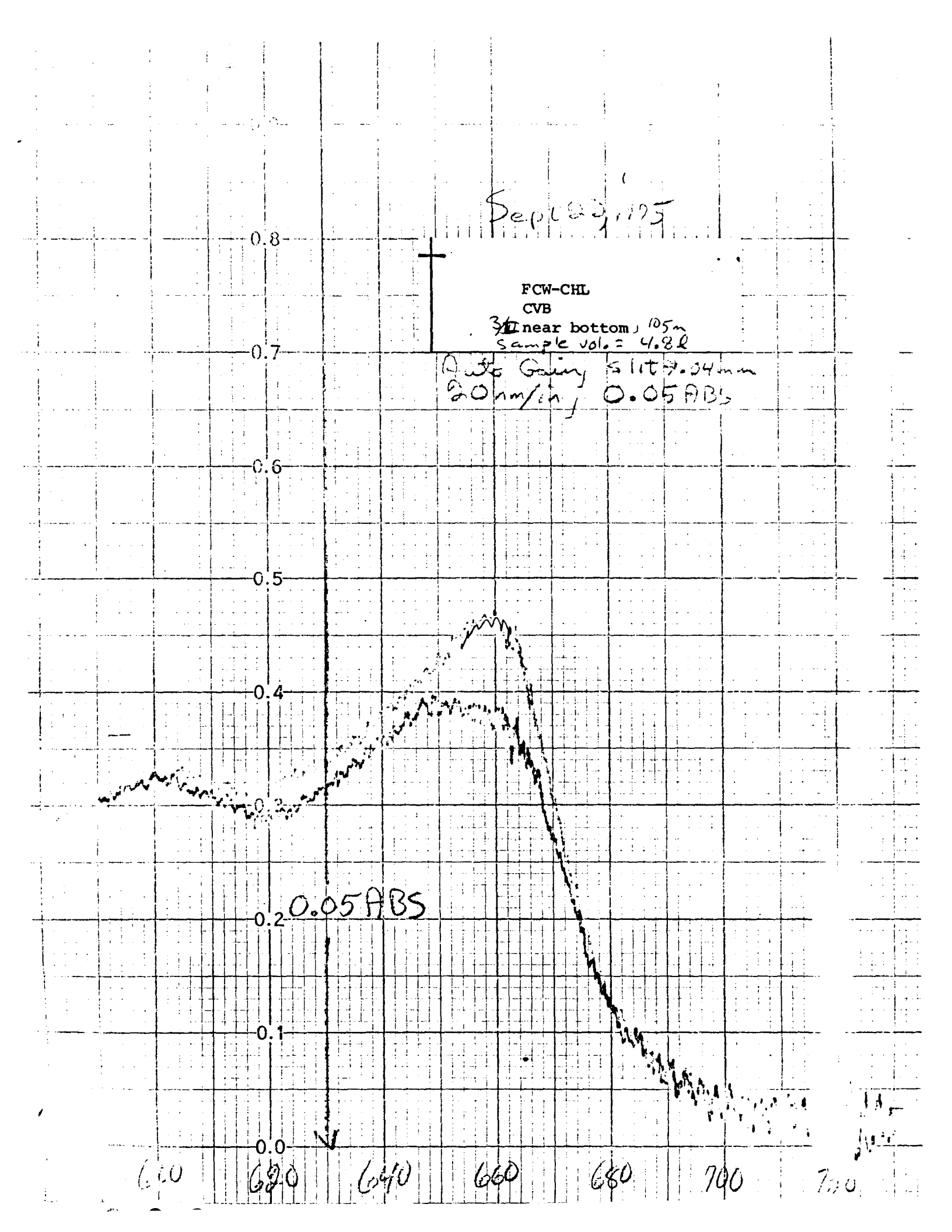

Sept 22, 1975
EYY-CHL
CVB
2/III surface, 1m
Sample vol. → 4.8l
Auto Gain; slit → .04mm
20 nm/in; 0.05 ABS
0.05 ABS
0.9
0.6
0.5
0.4
0.3
0.2
0.0
600
620
640
660
680
700
nm

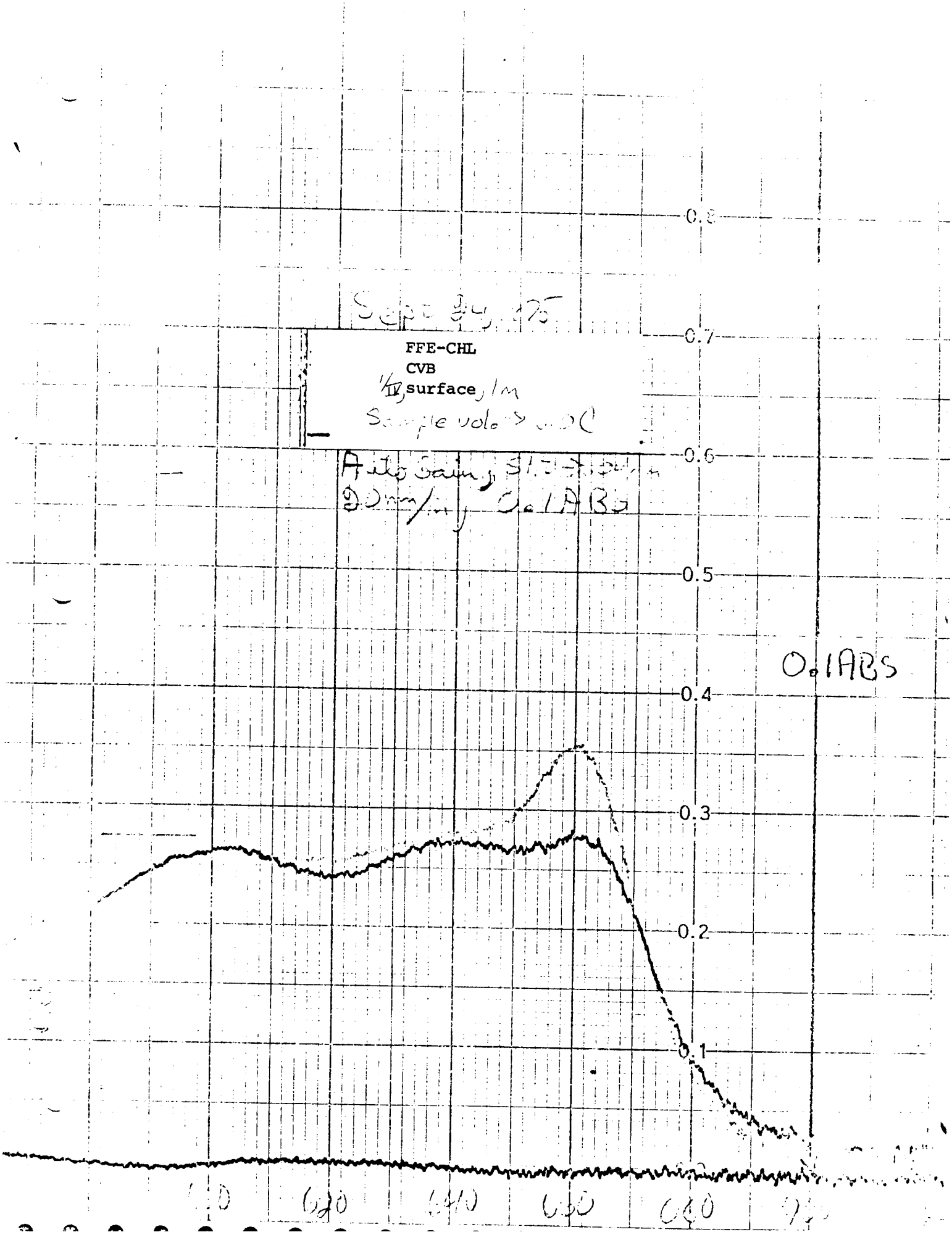

Sept 8th 1975
EZD-CHL
CVB
1/2 p.z. 26m
4.0 l
Auto Gain, slit ⇒ .04mm
20nm/in, 0.05ABS
0.05ABS
0.9
0.8
0.5
0.4
0.3
0.2
0.1
0.0
600
620
640
660
680
700
720

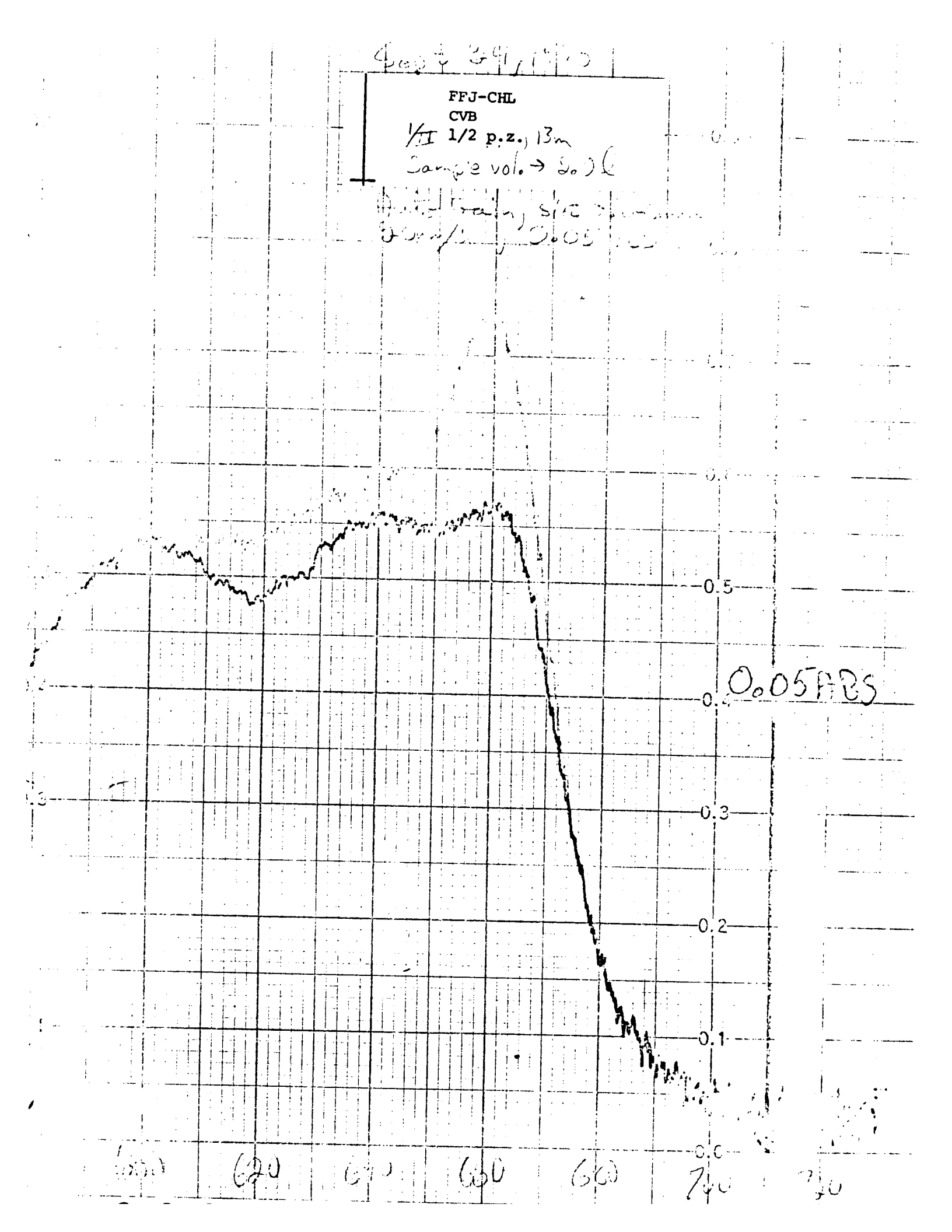

EZI-CHL
CVB
near bottom 60m
Sample vol. → 0.1 ℓ
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.1AB
640
660

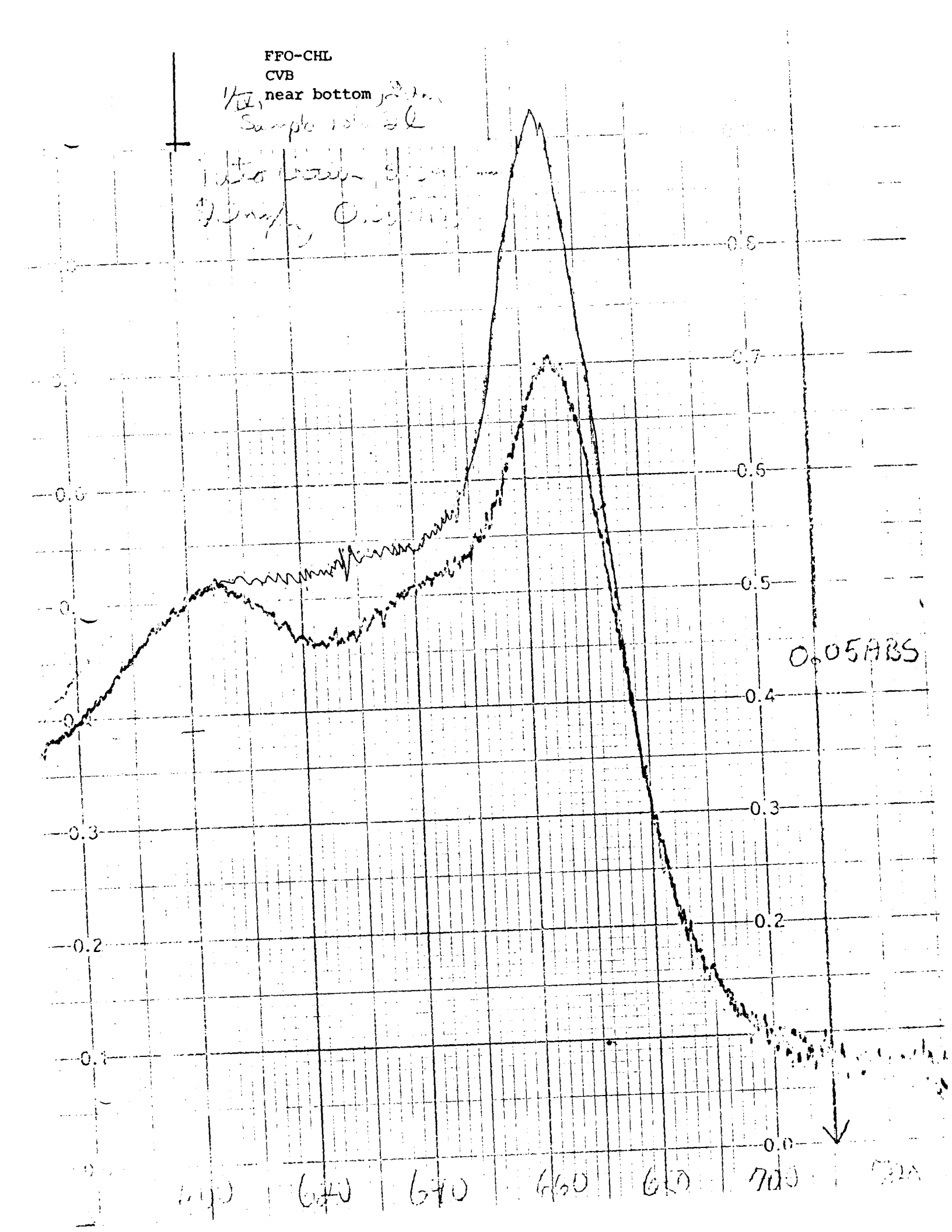

Sept 29, 1995
FCM-CHL
CVB
surface 1m
Auto Gain
0.05 ABS
0.05AB
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
600
620
640
660
680
700
720

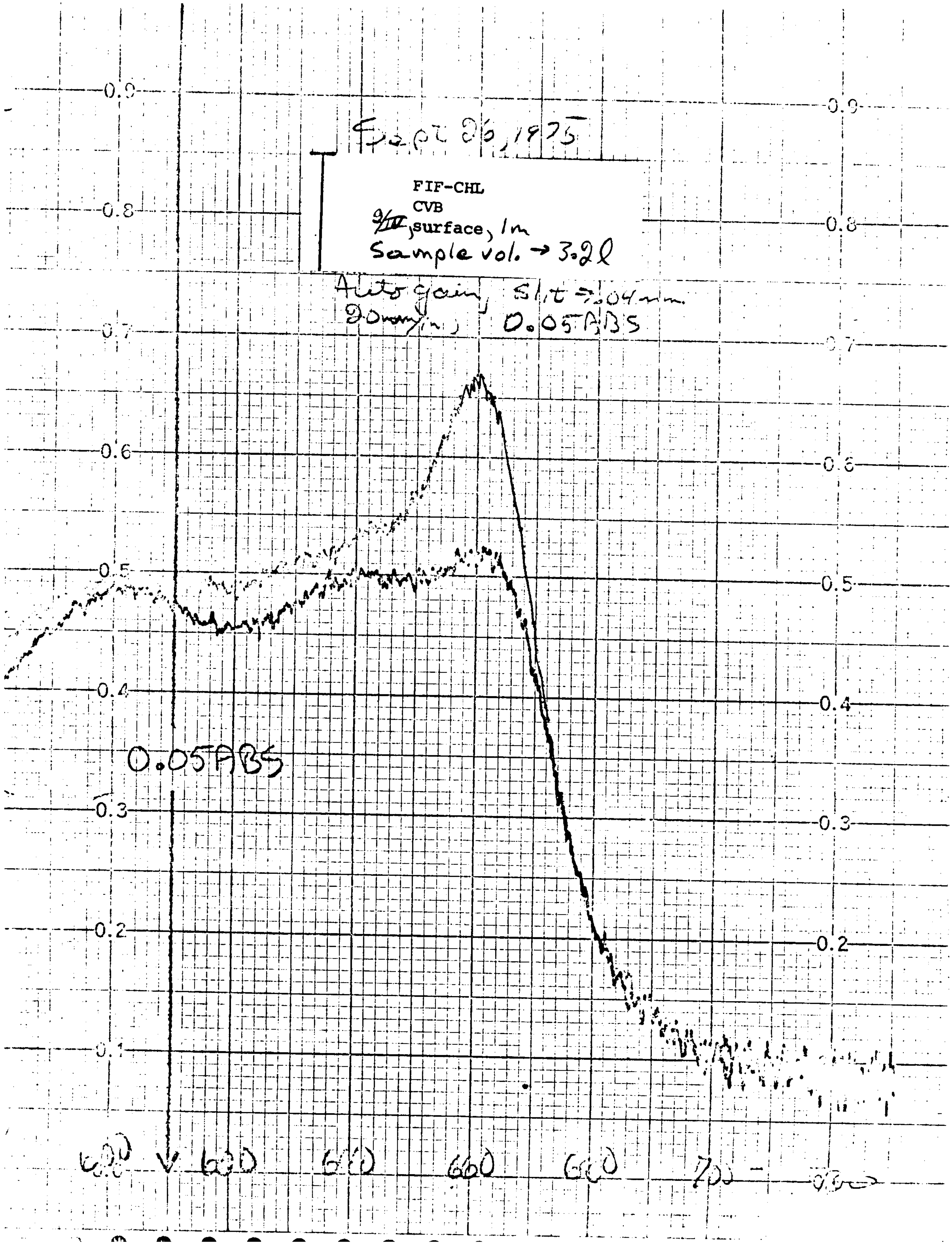

Sept 29, 1995
FCR-CHL
CVB
3/III 1/2 p.z. 29m
4.8 l
Auto Gain, s/t → .04mm
20nm/min, 0.05 ABS
0.05 ABS
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
600
620
640
660
680
700


Sept 23, 1975
FCW-CHL
CVB
near bottom, 105m
sample vol. = 4.8 l
Auto Gain slit = .04mm
20nm/in, 0.05 ABS
0.8
0.7
0.6
0.5
0.4
0.2
0.1
0.0
0.05 ABS
640
660
680
700

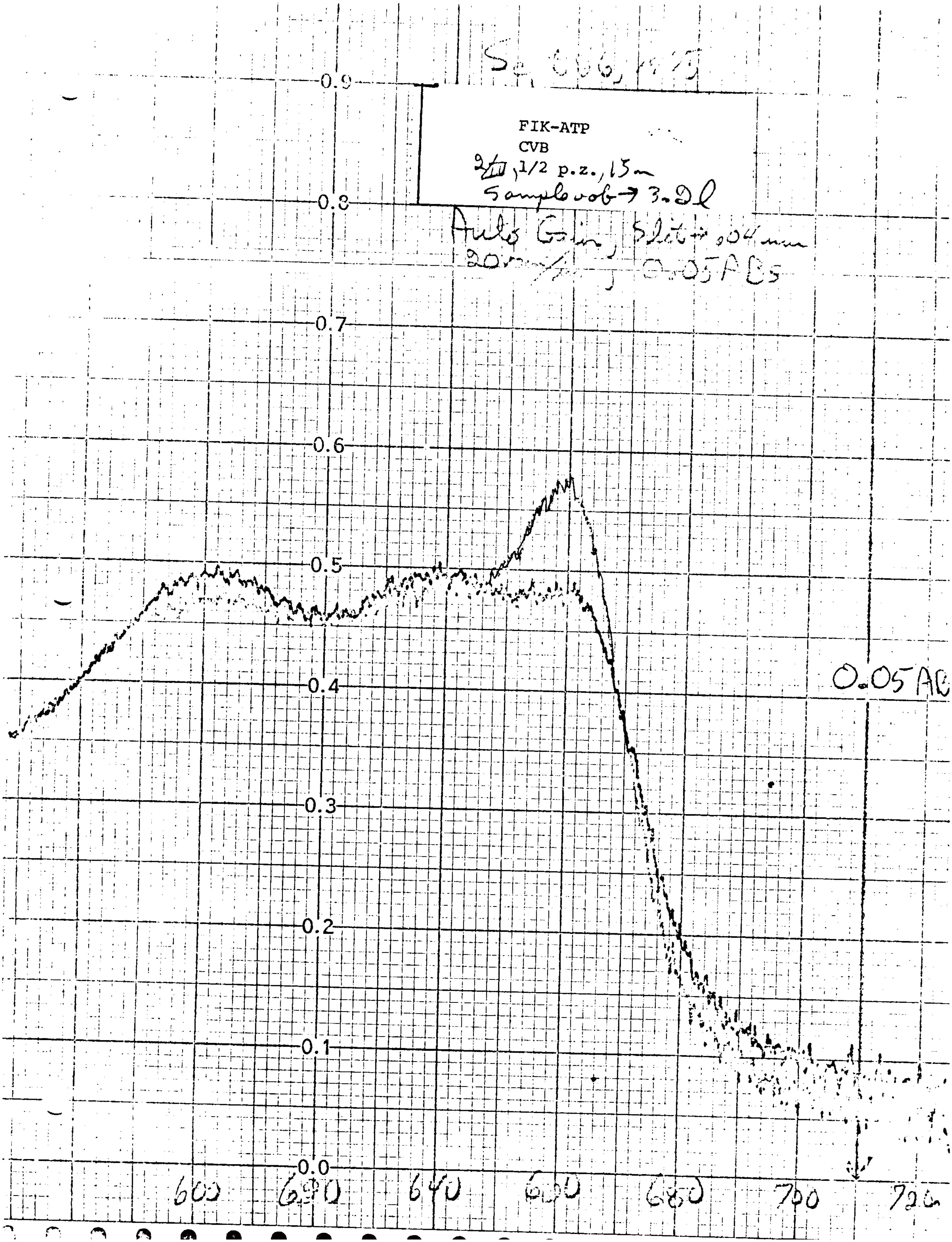

FFE-CHL
CVB
surface, 1m
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.1ABS

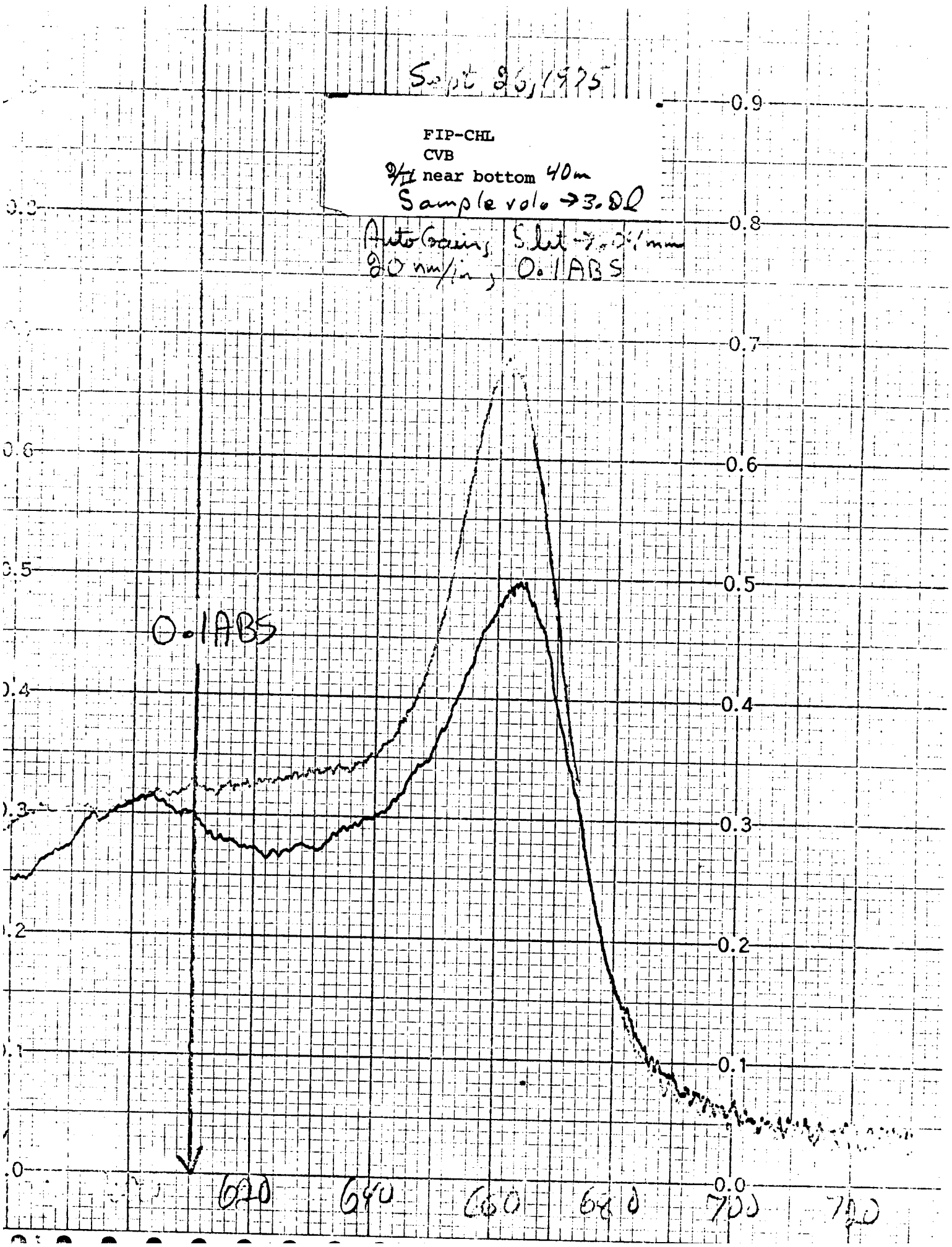

FFJ-CHL
CVB
1/II 1/2 p.z., 13m
0.5
0.4
0.3
0.2
0.1
0.0
0.05ABS

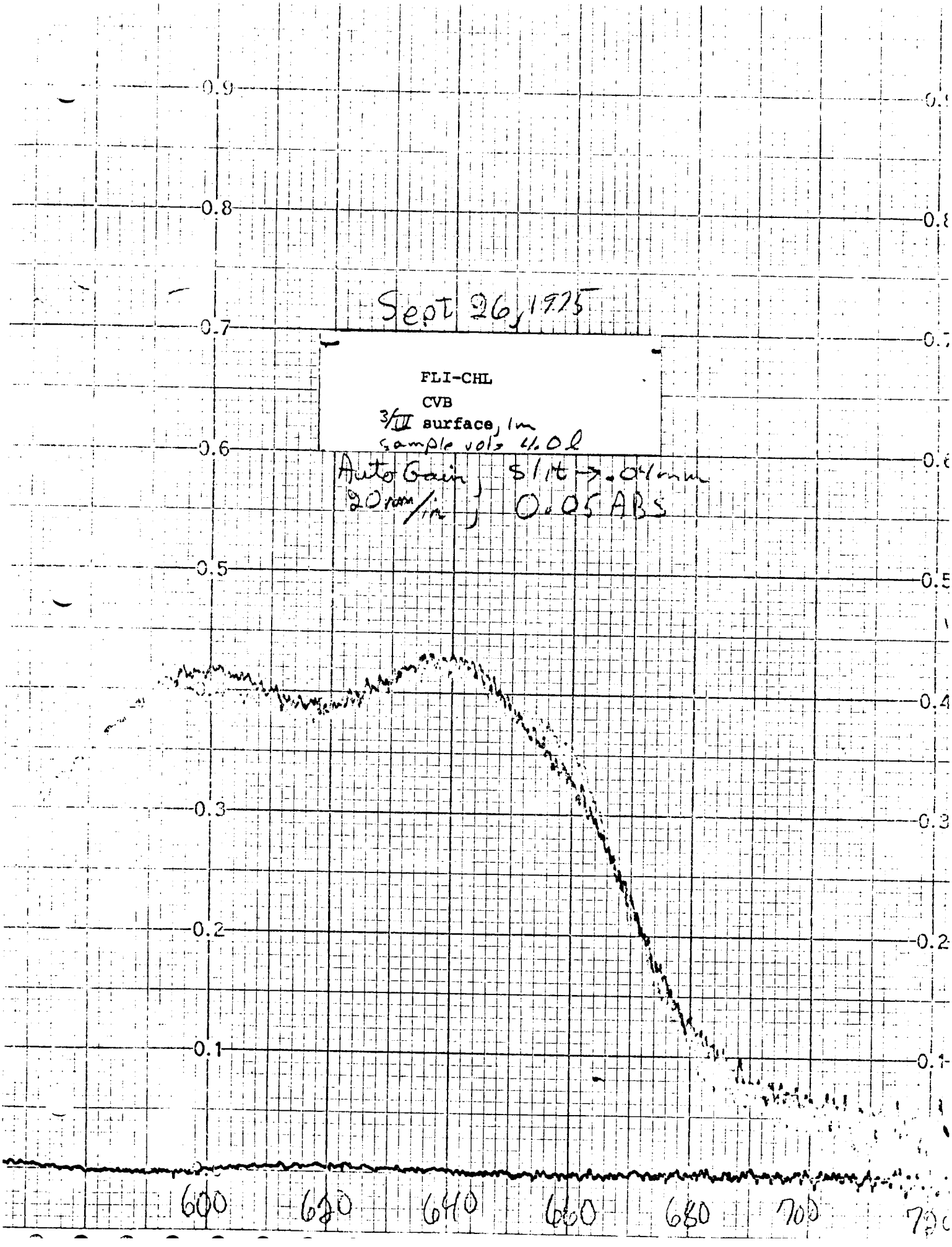

FFO-CHL
CVB
near bottom
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.05ABS

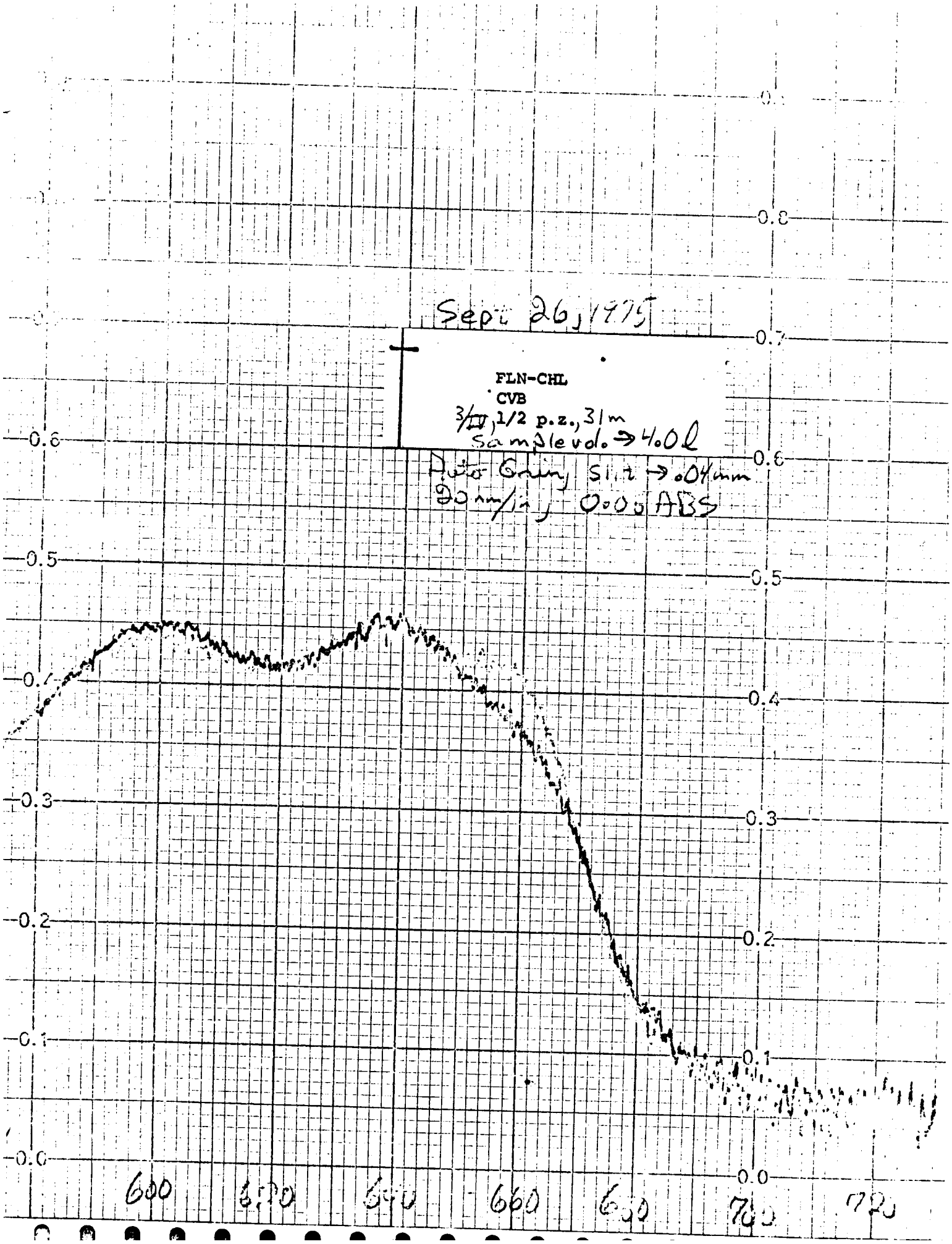


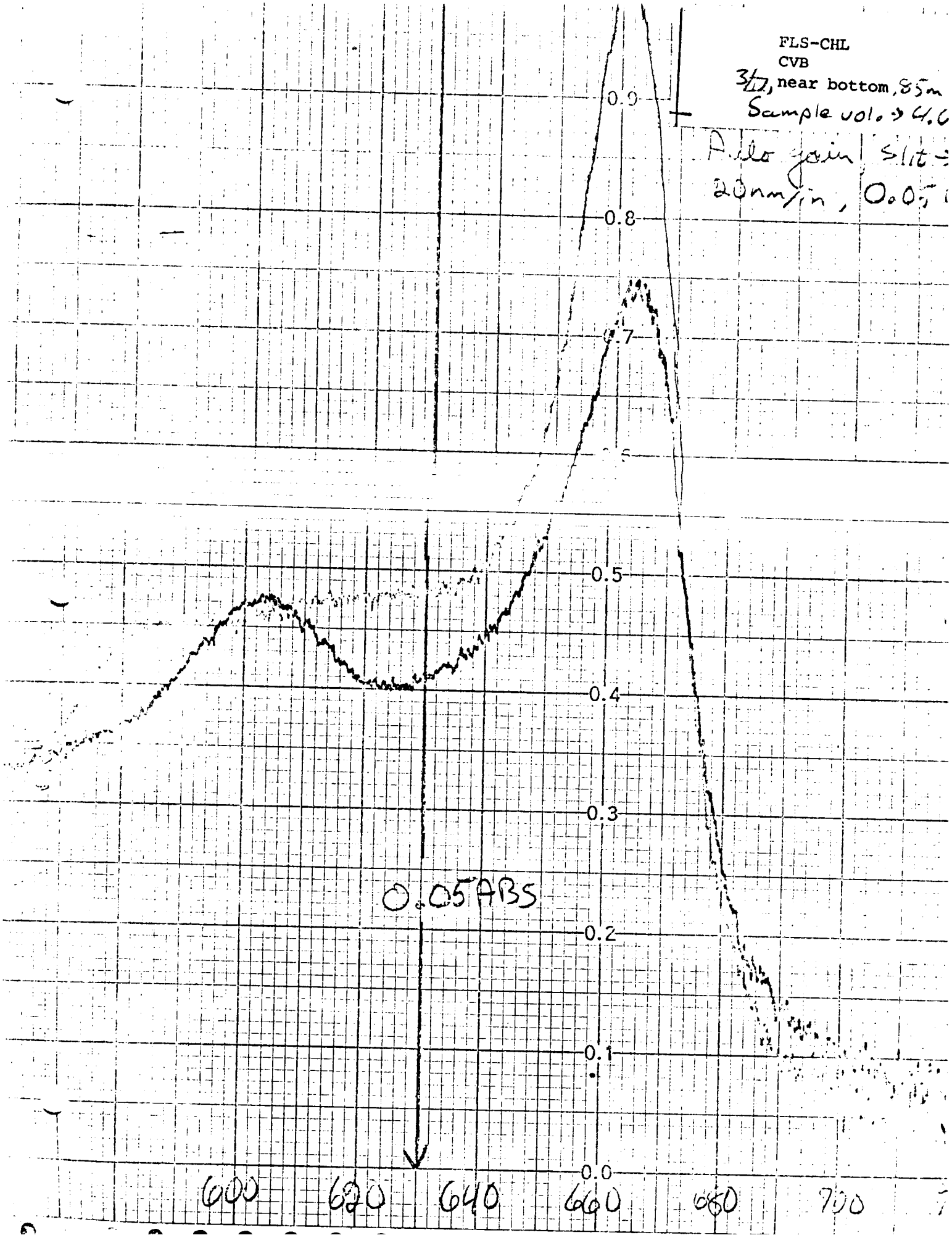
Sept 26, 1975
FIF-CHL
CVB
9/III, surface, 1m
Sample vol. → 3.2l
Auto gain, slit → .04 mm
20 nm/in, 0.05 ABS
0.05 ABS
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
620
640
660
680
700


FIK-ATP
CVB
1/2 p.z., 15 m
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.05 AB
700
720


Sept 26, 1995
FIP-CHL
CVB
9/11 near bottom 40m
Sample vol. → 3.8L
Auto Gain; Slit 7.5 nm
20 nm/in; 0.1 ABS
0.1 ABS
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
620
640
660
680
700
720


Sept 26, 1975
FLI-CHL
CVB
3/III surface, 1m
sample vol: 4.0 l
Auto Gain
20 nm/in
slit → .04 mm
0.05 ABS
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
600
620
640
660
680
700


Sept 26, 1975
FLN-CHL
CVB
3/III, 1/2 p.z., 3 l m
Sample vol. → 4.0 l
Auto Grating Slit → .04 mm
20 nm/in, 0.00 ABS
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
600
650
660
700


FLS-CHL
CVB
3/17, near bottom, 85m
Sample vol. → 4.0
A.lo gain slit
20nm/in, 0.05
0.9
0.8
0.7
0.5
0.4
0.3
0.05ABS
0.2
0.1
0.0
600
620
640
660
680
700

APPENDIX IV

SPECIES OF PHYTOPLANKTON

COLLECTED ON THE STOCS 1975

BLM PHYTOPLANKTON DATA

WINTER TRANSECT I STATION 1 DAY SAMP. 2.5 M.
SAMPLE AFR DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTPUM HYALINUM	TRACE
BACTERIASTPUM SPP.	51
CERATAULINA BERGONII	3383
CERATIUM CONTORTUM	TRACE
CHAETOCEROS LORENZIANUS	92
CHAETOCEROS SPP.	113
COSCINODISCUS SPP.	133
DICTYOCHA FIBULA	72
DITYLUM BRIGHTWELLII	TRACE
EUCAMPIA ZOODIACUS	26
GONYAULAX SPP.	10
GUINARDIA BLAVYANA	TRACE
HEMIAULUS SINENSIS	TRACE
MELOSIRA NUMMULOIDES	TRACE
NITZSCHIA CLOSTERIUM	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT I STATION 1 DAY SAMP. 2.5 M.
SAMPLE AFR DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
NITZSCHIA SERIATA	TRACE
PERIDINIUM SPP.	10
PROROCENTRUM MICANS	46
RHIZOSOLENTA ALATA ALATA	15
RHIZOSOLENIA DELICATULA	610
RHIZOSOLENIA FRAGILISSIMA	267
RHIZOSOLENIA STOLTERFOTHII	179
SKELETONEMA COSTATUM	118
THALASSIONEMA NITZSCHIOIDES	87
THALASSIOSIRA DECIPIENS	10
THALASSIOSIRA ROTULA	697

BLM PHYTOPLANKTON DATA

WINTER TRANSECT I STATION 1 DAY SAMP. 10.0 M.
SAMPLE AFT DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTPUM HYALINUM	90
BIDDULPHIA TUOMEYI	TRACE
CERATAULINA BERGONII	628
CERATIUM FURCA	32
CERATIUM SPP.	11
CHAETOCEROS DECIPIENS	80
CHAETOCEROS LORENZIANUS	160
CHAETOCEROS SPP.	106
COSCINODISCUS EXCENTRICUS	37
COSCINODISCUS SPP.	165
DICTYOCHA FIBULA	329
DIPLONEIS CONSRICTA	TRACE
DIPLONEIS FUSCA	TRACE
DITYLUM BRIGHTWELLII	21
GUINARDIA FLACCIDA	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT I STATION 1 DAY SAMP. 10.0 M.
SAMPLE AFT DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
HEMIAULUS HAUCKII	TRACE
HEMIAULUS SINENSIS	TRACE
HEMIDISCUS HARDMANIANUS	16
MELOSIRA NUMMULOIDES	37
MELOSIRA SPP.	21
NITZSCHIA CLOSTERIUM	27
NITZSCNIA SERIATA	59
PERIDINIUM SPP.	32
PLEUROSIGMA SPP.	TRACE
POLYKRIKOS SPP.	TRACE
PROROCENTRUM GRACILE	21
PROROCENTRUM MICANS	75
RHIZOSOLENTA ALATA ALATA	TRACE
RHIZOSOLENIA DELICATULA	330
RHIZOSOLENIA FRAGILISSIMA	122

BLM PHYTOPLANKTON DATA

WINTER TRANSECT I STATION 1 DAY SAMP. 10.0 M.
SAMPLE AFT DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENIA IMBRICATA	TRACE
RHIZOSOLENIA STOLTERFOTHII	64
SCHRODERELLA DELICATULA	48
SKELETONEMA COSTATUM	405
THALASSIONEMA NITZSCHIOIDES	484
THALASSIOSIRA ROTULA	2033
THALASSIOSIRA SUBTILIS	346
THALASSIOTHRIX DELICATULA	43

BLM PHYTOPLANKTON DATA

WINTER TRANSECT I STATION 2 DAY SAMP. 5.0 M.
SAMPLE ADF DEPTH

GENUS SPECIES VARIETY	CELLS/L.
AMPHIPRORA SPP.	TRACE
BACTERIASTPUM HYALINUM	340
BIDDULPHIA AURITA	TRACE
BIDDULPHIA REGIA	TRACE
CERATAULINA BERGONII	38
CERATIUM SPP.	TRACE
CHAETOCEROS ATLANTICUS	135
CHAETOCEROS COMPRESSUS	38
CHAETOCEROS CURVESETUS	128
CHAETOCEROS DECIPIENS	384
CHAETOCEROS DIDYMUS PROTUBERANS	83
CHAETOCEROS LORENZIANUS	320
CHAETOCEROS PELAGICUS	122
CHAETOCEROS PERUVIANUS	38
CHAETOCEROS PURPUSILLUS	160

BLM PHYTOPLANKTON DATA

WINTER TRANSECT I STATION 2 DAY SAMP. 5.0 M.
SAMPLE ADF DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS SPP.	205
CHAETOCEROS TORTISSIMUS	115
CHAETOCEROS VIXVISIBILIS	26
COCCOLITHUS HUXLEYI	26
CORETHRON HYSTRIX	38
COSCINODISCUS SPP.	38
COSCINODISCUS TABULARIS	103
DACTYLIOSOLEN MEDITERRANEUS	244
DICTYOCHA FIBULA	109
DIPLONEIS SPP.	13
DISTEPHANUS SPECULUM	32
DITYLUM BRIGHTWELLII	13
GREEN COCCOID ALGA	38
GUINARDIA FLACCIDA	128
HEMIAULUS HAUCKII	13

BLM PHYTOPLANKTON DATA

WINTER TRANSECT I STATION 2 DAY SAMP. 5.0 M.
SAMPLE ADF DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
HEMIAULUS MEMBRANACEOUS	13
HEMIAULUS SINENSIS	64
HEMIDISCUS HARDMANIANUS	TRACE
LEPTOCYLINDRICUS DANICUS	19
NITZSCHIA CLOSTERIUM	26
NITZSCNIA DELICATISSIMA	TRACE
NITZSCNIA LONGISSIMA	TRACE
NITZSCNIA SERIATA	167
PERIDINIUM SPP.	19
PLEUROSIGMA SPP.	19
PROROCENTRUM MICANS	13
RHIZOSOLENIA FRAGILISSIMA	38
RHIZOSOLENIA ROBUSTA	TRACE
RHIZOSOLENIA STOLTERFOTHII	51
RHIZOSOLENIA STYLIFORMIS	45

OLM PHYTOPLANKTON DATA

WINTER TRANSECT I STATION 2 DAY SAMP. 5.0 M.
SAMPLE ADF DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
SKELETONEMA COSTATUM	756
STEPHANOPYXIS PALMERIANA	38
THALASSIONEMA NITZSCHIOIDES	910
THALASSIOSIRA BALTICA	TRACE
THALASSIOSIRA ROTULA	1057
THALASSIOSIRA SUBTILIS	300
THALASSIOTHRIX FRAUNFELDII	83
UNIDENTIFIED DINOFLAGELLATES	TRACE
UNIDENTIFIED PENNATE	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT I STATION 2 DAY SAMP. 10.0 M.
SAMPLE ADG DEPTH

GENUS SPECIES VARIETY	CELLS/L.
AMPHIPRORA SPP.	34
ASTEROMPHALUS SPP.	TRACE
BACTERIASTPUM HYALINUM	200
BIDDULPHIA SINENSIS	TRACE
CERATAULINA BERGONII	54
CERATIUM SPP.	10
CHAETOCEROS CONVOLUTUS	TRACE
CHAETOCEROS CURVESETUS	58
CHAETOCEROS DECIPIENS	628
CHAETOCEROS DELICATULUS	39
CHAETOCEROS DIDYMUS PROTUBERANS	44
CHAETOCEROS LORENZIANUS	458
CHAETOCEROS PELAGICUS	19
CHAETOCEROS PERUVIANUS	34
CHAETOCEROS SPP.	117

BLM PHYTOPLANKTON DATA

WINTER TRANSECT I STATION 2 DAY SAMP. 10.0 M. DEPTH

SAMPLE ADG (CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS TERES	24
CHAETOCEROS VIXVISIBILIS	29
COCCOLITHUS HUXLEYI	39
CORETHRON HYSTRIX	19
COSCINODISCUS SPP.	158
COSCINODISCUS TABULARIS	107
DACTYLIOSOLEN MEDITERRANEUS	268
DICTYOCHA FIBULA	97
DIPLONEIS SPP.	34
DISTEPHANUS SPECULUM	15
DITYLUM BRIGHTWELLII	TRACE
FRAGILARIA SPP.	19
GREEN COCCOID ALGA	10
GUINARDIA FLACCIDA	39
HEMIAULUS HAUCKII	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT I STATION 2 DAY SAMP. 10.0 M. DEPTH

SAMPLE ADG (CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
HEMIAULUS SINENSIS	63
LEPTOCYLINDRICUS DANICUS	83
MELOSIRA NUMMULOIDES	15
NITZSCHIA CLOSTERIUM	39
NITZSCNIA DELICATISSIMA	63
NITZSCNIA LONGISSIMA	24
NITZSCNIA SERIATA	54
PERIDINIUM SPP.	10
PLEUROSIGMA SPP.	78
PROROCENTRUM MICANS	TRACE
PROROCENTRUM SPP.	TRACE
RHIZOSOLENTA ALATA ALATA	TRACE
RHIZOSOLENIA FRAGILISSIMA	39
RHIZOSOLENIA STOLTERFOTHII	39
RHIZOSOLENIA STYLIFORMIS	63

BLM PHYTOPLANKTON DATA

WINTER TRANSECT I STATION 2 DAY SAMP. 10.0 M. DEPTH

SAMPLE ADG (CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
SKELETONEMA COSTATUM	687
STEPHANOPYXIS PALMERIANA	34
STREPTOTHECA THAMESIS	TRACE
THALASSIONEMA NITZSCHIOIDES	1154
THALASSIOSIRA BALTICA	24
THALASSIOSIRA ROTULA	920
THALASSIOSIRA SUBTILIS	351
THALASSIOTHRIX FRAUNFELDII	15
UNIDENTIFIED PENNATE	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT I STATION 3 DAY SAMP. 3.0 M.
SAMPLE ABW DEPTH

GENUS SPECIES VARIETY	CELLS/L.
AMPHIPRORA SPP.	13
BACTERIASTPUM HYALINUM	32
BACTERIASTPUM VARIANS	29
CERATAULINA BERGONII	29
CERATIUM LONGISSIMUS	TRACE
CHAETOCEROS AFFINIS	131
CHAETOCEROS ATLANTICUS	13
CHAETOCEROS CURVESETUS	77
CHAETOCEROS DECIPIENS	625
CHAETOCEROS DIDYMUS PROTUBERANS	58
CHAETOCEROS FILIFORMIS	64
CHAETOCEROS FURCELLATUS	16
CHAETOCEROS GLANDAZII	13
CHAETOCEROS HOLSATICUS	90
CHAETOCEROS LACINOSUS	22

BLM PHYTOPLANKTON DATA

WINTER TRANSECT I STATION 3 DAY SAMP. 3.0 M.
SAMPLE ABW DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS LORENZIANUS	244
CHAETOCEROS PELAGICUS	317
CHAETOCEROS PERUVIANUS	35
CHAETOCEROS SPP.	436
CHAETOCEROS TERES	TRACE
CHAETOCEROS VIXVISIBILIS	13
COCCOLITHUS HUXLEYI	10
CORETHRON HYSTRIX	TRACE
COSCINODISCUS SPP.	TRACE
COSCINODISCUS TABULARIS	TRACE
DACTYLIOSOLEN MEDITERRANEUS	35
DICTYOCHA FIBULA	29
DIPLONEIS SPP.	13
GREEN FILAMENT	48
GUINARDIA FLACCIDA	96

BLM PHYTOPLANKTON DATA

WINTER TRANSECT I STATION 3 DAY SAMP. 3.0 M.
SAMPLE ABW DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
HEMIAULUS HAUCKII	16
HEMIAULUS SINENSIS	TRACE
LAUDERIA BOREALIS	16
NITZSCHIA CLOSTERIUM	13
NITZSCNIA DELICATISSIMA	35
NITZSCNIA PUNGENS	38
NITZSCNIA SERIATA	96
PERIDINIUM SPP.	TRACE
POLYKRIKOS SCHWARTZII	TRACE
PYROCYSTIS SPP.	TRACE
RHIZOSOLENIA DELICATULA	58
RHIZOSOLENIA HEBETATA	TRACE
RHIZOSOLENIA IMBRICATA	TRACE
RHIZOSOLENIA STOLTERFOTHII	16
RHIZOSOLENIA STYLIFORMIS	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT I STATION 3 DAY SAMP. 3.0 M. DEPTH

SAMPLE ABW (CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
SKELETONEMA COSTATUM	90
STEPHANOPYXIS PALMERIANA	13
STREPTOTHECA THAMESIS	TRACE
THALASSIONEMA NITZSCHIOIDES	160
THALASSIOSIRA ROTULA	22
THALASSIOTHRIX FRAUNFELDII	22
THALASSIOTHRIX MEDITERRANEA	16
UNIDENTIFIED PENNATE	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT I STATION 3 DAY SAMP. 25.0 M.
SAMPLE ABX DEPTH

GENUS SPECIES VARIETY	CELLS/L.
AMPHIPRORA SPP.	TRACE
BACTERIASTPUM VARIANS	TRACE
CERATIUM LONGISSIMUS	TRACE
CHAETOCEROS AFFINIS	TRACE
CHAETOCEROS CURVESETUS	TRACE
CHAETOCEROS DECIPIENS	18
CHAETOCEROS DIDYMUS PROTUBERANS	TRACE
CHAETOCEROS LACINOSUS	TRACE
CHAETOCEROS PELAGICUS	TRACE
CHAETOCEROS PERUVIANUS	TRACE
CHAETOCEROS SPP.	TRACE
COCCOLITHUS HUXLEYI	TRACE
COSCINODISCUS SPP.	TRACE
COSCINODISCUS TABULARIS	TRACE
DACTYLIOSOLEN MEDITERRANEUS	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT I STATION 3 DAY SAMP. 25.0 M.
SAMPLE ABX DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
DICTYOCHA FIBULA	TRACE
DIPLONEIS SPP.	TRACE
DISTEPHANUS SPECULUM	TRACE
GREEN COLONIAL	TRACE
GYMNODINIUM SPP.	TRACE
HEMIAULUS HAUCKII	TRACE
HEMIAULUS SINENSIS	TRACE
LAUDERIA BOREALIS	TRACE
LEPTOCYLINDRICUS DANICUS	TRACE
NITZSCHIA LONGISSIMA	TRACE
RHIZOSOLENIA DELICATULA	TRACE
RHIZOSOLENIA IMBRICATA	TRACE
RHIZOSOLENIA STYLIFORMIS	TRACE
SKELETONEMA COSTATUM	TRACE
THALASSIONEMA NITZSCHIOIDES	18

BLM PHYTOPLANKTON DATA

WINTER TRANSECT I STATION 3 DAY SAMP. 25.0 M.
SAMPLE ABX DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
THALASSIOSIRA ROTULA	TRACE
THALASSIOTHRIX FRAUNFELDII	TRACE
UNIDENTIFIED PENNATE	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT II STATION 1 DAY SAMP. 1.0 M.
SAMPLE AJQ DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTRUM VARIANS	36
BIDDULPHIA REGIA	30
CERATAULINA BERGONII	390
CERATAULINA COMPACTA	138
CERATIUM LINEATUM	TRACE
CHAETOCEROS BREVIS	162
CHAETOCEROS CURVESETUS	54
CHAETOCEROS LACINOSUS	66
CHAETOCEROS LORENZIANUS	102
CHAETOCEROS PERUVIANUS	18
CHAETOCEROS SPP.	108
COCCOLITHUS HUXLEYI	72
COSCINODISCUS SPP.	90
DICTYOCHA FIBULA	114
DITYLUM BRIGHTWELLII	18

BLM PHYTOPLANKTON DATA

WINTER TRANSECT II STATION 1 DAY SAMP. 1.0 M.
SAMPLE AJQ DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
DITYLUM SOL	18
GONYAULAX SPP.	TRACE
GREEN FILAMENT	24
GUINARDIA FLACCIDA	102
HEMIAULUS HAUCKII	438
HEMIAULUS INDICA	60
HEMIAULUS SINENSIS	54
HEMIDISCUS HARDMANIANUS	192
HYALODISCUS STELLIGERA	54
LEPTOCYLINDRICUS DANICUS	TRACE
NAVICULA SPP.	18
NITZSCHIA CLOSTERIUM	24
NITZSCHIA SERIATA	18
PERIDINIUM SPP.	TRACE
PROROCENTRUM MICANS	54

BLM PHYTOPLANKTON DATA

WINTER TRANSECT II STATION 1 DAY SAMP. 1.0 M.
SAMPLE AJQ DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENIA DELICATULA	84
RHIZOSOLENIA FRAGILISSIMA	72
RHIZOSOLENIA HEBETATA	552
RHIZOSOLENIA ROBUSTA	TRACE
RHIZOSOLENIA STOLTERFOTHII	1206
RHIZOSOLENIA STYLIFORMIS	48
SCHRODERELLA DELICATULA	54
SKELETONEMA COSTATUM	TRACE
STEPHANOPYXIS PALMERIANA	24
THALASSIONEMA NITZSCHIOIDES	174
THALASSIOSIRA DECIPIENS	30
THALASSIOSIRA ROTULA	174
THALASSIOSIRA SUBTILIS	348
TRICHODESMIUM THIEBAUTII	45
UNIDENTIFIED CENTRIC	48

BLM PHYTOPLANKTON DATA

WINTER TRANSECT II STATION 1 DAY SAMP. 1.0 M.
SAMPLE AJQ DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
UNIDENTIFIED DINOFLAGELLATES	24

BLM PHYTOPLANKTON DATA

WINTER TRANSECT II STATION 1 DAY SAMP. 9.0 M.
SAMPLE AJS DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTPUM HYALINUM	54
BACTERIASTPUM VARIANS	23
CERATAULINA BERGONII	834
CHAETOCEROS BREVIS	300
CHAETOCEROS COACTICUS	66
CHAETOCEROS DIDYMUS PROTUBERANS	120
CHAETOCEROS FURCELLATUS	36
CHAETOCEROS LACINOSUS	30
CHAETOCEROS LORENZIANUS	48
CHAETOCEROS PERUVIANUS	18
CHAETOCEROS PSEUDOCURVESETUS	108
CHAETOCEROS RADIANS	18
CHAETOCEROS SPP.	420
CORETHRON HYSTRIX	24
COSCINODISCUS ASTEROMPHALUS	72

BLM PHYTOPLANKTON DATA

WINTER TRANSECT II STATION 1 DAY SAMP. 9.0 M.
SAMPLE AJS DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
COSCINODISCUS EXCENTRICUS	66
DICTYOCHA FIBULA	126
DITYLUM BRIGHTWELLII	TRACE
DITYLUM SOL	36
GUINARDIA FLACCIDA	36
HEMIAULUS HAUCKII	408
HEMIAULUS SINENSIS	636
HEMIDISCUS HARDMANIANUS	102
LEPTOCYLINDRICUS DANICUS	24
PERIDINIUM PENTAGONUM	TRACE
PERIDINIUM SPP.	TRACE
PLEUROSIGMA SPP.	24
PROROCENTRUM MICANS	30
RHIZOSOLENTA ALATA ALATA	18
RHIZOSOLENIA DELICATULA	102

BLM PHYTOPLANKTON DATA

WINTER TRANSECT II STATION 1 DAY SAMP. 9.0 M.
SAMPLE AJS DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENIA FRAGILISSIMA	54
RHIZOSOLENIA ROBUSTA	30
RHIZOSOLENIA STOLTERFOTHII	1038
RHIZOSOLENIA STYLIFORMIS	264
SCHRODERELLA DELICATULA	66
STEPHANOPYXIS PALMERIANA	54
THALASSIONEMA NITZSCHIOIDES	186
THALASSIOSIRA DECIPIENS	114
THALASSIOSIRA ROTULA	132
THALASSIOSIRA SUBTILIS	1926
TRICHODESMIUM THIEBAUTII	240
UNIDENTIFIED PENNATE	48

BLM PHYTOPLANKTON DATA

WINTER TRANSECT II STATION 2 DAY SAMP. 3.0 M.
SAMPLE AMM DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTRUM HYALINUM	78
CERATAULINA BERGONII	TRACE
CHAETOCEROS AFFINIS	72
CHAETOCEROS BREVIS	178
CHAETOCEROS CURVESETUS	24
CHAETOCEROS DIDYMUS PROTUBERANS	810
CHAETOCEROS LACINOSUS	42
CHAETOCEROS LORENZIANUS	240
CHAETOCEROS PELAGICUS	TRACE
CHAETOCEROS PERUVIANUS	TRACE
COCCOLITHUS HUXLEYI	66
CORETHRON HYSTRIX	48
COSCINODISCUS ASTEROMPHALUS	63
COSCINODISCUS RADIATUS	24
COSCINODISCUS SPP.	177

BLM PHYTOPLANKTON DATA

WINTER TRANSECT II STATION 2 DAY SAMP. 3.0 M.
SAMPLE AMM DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
DITYLUM BRIGHTWELLII	TRACE
EUCAMPIA ZOODIACUS	TRACE
HEMIAULUS HAUCKII	87
HEMIAULUS SINENSIS	33
LEPTOCYLINDRICUS DANICUS	81
LEPTOCYLINDRICUS MINIMUS	945
NITZSCNIA SERIATA	417
PROROCENTRUM MICANS	9
RHIZOSOLENIA ALATA INDICA	TRACE
RHIZOSOLENIA CALCAR AVIS	18
RHIZOSOLENIA DELICATULA	18
RHIZOSOLENIA FRAGILISSIMA	69
RHIZOSOLENIA STOLTERFOTHII	15
SKELETONEMA COSTATUM	1341

BLM PHYTOPLANKTON DATA

WINTER TRANSECT II STATION 2 DAY SAMP. 3.0 M.
SAMPLE AMM DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
THALASSIONEMA NITZSCHIOIDES	333
THALASSIOSIRA SPP.	63
THALASSIOTHRIX FRAUNFELDII	TRACE
UNIDENTIFIED PENNATE	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT II STATION 2 DAY SAMP. 15.0 M.
SAMPLE AMQ DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTPUM HYALINUM	24
CERATAULINA BERGONII	24
CHAETOCEROS BREVIS	42
CHAETOCEROS CURVESETUS	TRACE
CHAETOCEROS DIDYMUS PROTUBERANS	48
CHAETOCEROS LACINOSUS	TRACE
CHAETOCEROS LORENZIANUS	18
CHAETOCEROS PELAGICUS	33
CORETHRON HYSTRIX	18
COSCINODISCUS ASTEROMPHALUS	27
COSCINODISCUS RADIATUS	18
COSCINODISCUS SPP.	63
DETONULA CONFERVACEA	TRACE
DICTYOCHA FIBULA	15
DITYLUM BRIGHTWELLII	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT II STATION 2 DAY SAMP. 15.0 M. DEPTH

SAMPLE AMQ (CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
EUCAMPIA ZOODIACUS	21
FRAGILARIA SPP.	TRACE
GUINARDIA BLAVYANA	TRACE
GUINARDIA FLACCIDA	18
HEMIAULUS SINENSIS	33
LAUDERIA BOREALIS	TRACE
LEPTOCYLINDRICUS DANICUS	TRACE
LEPTOCYLINDRICUS MINIMUS	15
NITZSCNIA DELICATISSIMA	51
NITZSCNIA SERIATA	48
RHIZOSOLENIA STOLTERFOTHII	TRACE
SKELETONEMA COSTATUM	87
THALASSIONEMA NITZSCHIOIDES	18
THALASSIOSIRA DECIPIENS	33
UNIDENTIFIED CENTRIC	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT II STATION 2 DAY SAMP. 15.0 M.
SAMPLE AMQ DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
UNIDENTIFIED PENNATE	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT II STATION 3 DAY SAMP. 10.0 M.
SAMPLE APP DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTPUM HYALINUM	102
BACTERIASTPUM VARIANS	102
CERATIUM TERES	42
CHAETOCEROS BREVIS	624
CHAETOCEROS CURVESETUS	18
CHAETOCEROS DANICUS	30
CHAETOCEROS DECIPIENS	1062
CHAETOCEROS DIDYMUS ANGLICA	78
CHAETOCEROS DIDYMUS PROTUBERANS	36
CHAETOCEROS DIVERSUS	96
CHAETOCEROS FRAGILIS	24
CHAETOCEROS HOLSATICUS	TRACE
CHAETOCEROS LACINOSUS	156
CHAETOCEROS LORENZIANUS	402

BLM PHYTOPLANKTON DATA

WINTER TRANSECT II STATION 3 DAY SAMP. 10.0 M.
SAMPLE APP DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS ORIENTALIS	18
CHAETOCEROS PELAGICUS	72
CHAETOCEROS PERUVIANUS	78
CHAETOCEROS PSEUDOCURVESETUS	18
CHAETOCEROS SPP.	879
CORETHRON HYSTRIX	72
COSCINODISCUS RADIATUS	66
DACTYLIOSOLEN MEDITERRANEUS	156
DICTYOCHA FIBULA	132
GUINARDIA FLACCIDA	48
HEMIAULUS SINENSIS	42
LEPTOCYLINDRICUS DANICUS	30
NITZSCHIA CLOSTERIUM	78
NITZSCNIA DELICATISSIMA	72
NITZSCNIA LONGISSIMA	108

BLM PHYTOPLANKTON DATA

WINTER TRANSECT II STATION 3 DAY SAMP. 10.0 M. DEPTH

SAMPLE APP (CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
NITZSCNIA PUNGENS	42
NITZSCNIA SERIATA	66
NITZSCNIA SPP.	18
RHIZOSOLENIA DELICATULA	18
RHIZOSOLENIA STOLTERFOTHII	TRACE
RHIZOSOLENIA STYLIFORMIS LATISSIMA	TRACE
SCHRODERELLA DELICATULA	TRACE
STEPHANOPYXIS TURRIS	18
THALASSIONEMA NITZSCHIOIDES	726
THALASSIOSIRA BALTICA	18
THALASSIOSIRA ROTULA	48
THALASSIOTHRIX MEDITERRANEA	18
TRICHODESMIUM THIEBAUTII	102
UNIDENTIFIED CENTRIC	36
UNIDENTIFIED PENNATE	102

BLM PHYTOPLANKTON DATA

WINTER TRANSECT II STATION 3 DAY SAMP. 23.0 M.
SAMPLE APS DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTPUM HYALINUM	180
BACTERIASTPUM VARIANS	84
CERATAULINA BERGONII	36
CERATIUM TERES	TRACE
CHAETOCEROS BREVIS	288
CHAETOCEROS CURVESETUS	252
CHAETOCEROS DECIPIENS	1026
CHAETOCEROS DIDYMUS PROTUBERANS	TRACE
CHAETOCEROS DIVERSUS	282
CHAETOCEROS GLANDAZII	36
CHAETOCEROS LACINOSUS	486
CHAETOCEROS LORENZIANUS	246
CHAETOCEROS MITRA	TRACE
CHAETOCEROS PERUVIANUS	82
CHAETOCEROS PSEUDOCURVESETUS	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT II STATION 3 DAY SAMP. 23.0 M. DEPTH

SAMPLE APS (CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS SPP.	571
CORETHRON HYSTRIX	36
COSCINODISCUS LINEATUS	TRACE
COSCINODISCUS RADIATUS	42
CYMAOSIRA BELGICA	18
DACTYLIOSOLEN MEDITERRANEUS	120
DICTYOCHA FIBULA	84
HEMIAULUS SINENSIS	42
LAUDERIA BOREALIS	TRACE
LEPTOCYLINDRICUS DANICUS	18
NITZSCHIA CLOSTERIUM	18
NITZSCNIA DELICATISSIMA	138
NITZSCNIA LONGISSIMA	TRACE
PERIDINIUM SPP.	TRACE
PROROCENTRUM MICANS	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT II STATION 3 DAY SAMP. 23.0 M.
SAMPLE APS DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENTA ALATA ALATA	TRACE
RHIZOSOLENIA STOLTERFOTHII	18
STREPTOTHECA THAMESIS	30
THALASSIONEMA NITZSCHIOIDES	510
THALASSIOSIRA ROTULA	18
THALASSIOTHRIX MEDITERRANEA	24
UNIDENTIFIED CENTRIC	48
UNIDENTIFIED PENNATE	24

BLM PHYTOPLANKTON DATA

WINTER TRANSECT III STATION 1 DAY SAMP. 2.5 M.
SAMPLE ASR DEPTH

GENUS SPECIES VARIETY	CELLS/L.
AMPHIPRORA SPP.	TRACE
BACTERIASTPUM HYALINUM	28
BIDDULPHIA GRANULATA	TRACE
BIDDULPHIA REGIA	17
CERATAULINA BERGONII	72
CERATIUM FURCA	TRACE
CERATIUM KOFOIDII	TRACE
CHAETOCEROS AFFINIS	211
CHAETOCEROS COMPRESSUS	206
CHAETOCEROS DANICUS	39
CHAETOCEROS DELICATULUS	406
CHAETOCEROS DIDYMUS PROTUBERANS	106
CHAETOCEROS LACINOSUS	306
CHAETOCEROS LORENZIANUS	278
CHAETOCEROS PELAGICUS	44

BLM PHYTOPLANKTON DATA

WINTER TRANSECT III STATION 1 DAY SAMP. 2.5 M.
SAMPLE ASR DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS PERUVIANUS	TRACE
CHAETOCEROS SPP.	583
CHAETOCEROS SUBSECUNDUS	83
CHAETOCEROS TERES	117
COCCOLITHUS HUXLEYI	TRACE
COSCINODISCUS SPP.	89
DICTYOCHA FIBULA	150
DIPLONEIS SPP.	TRACE
DITYLUM BRIGHTWELLII	78
DITYLUM SOL	TRACE
GONYAULAX SPP.	17
GUINARDIA FLACCIDA	TRACE
HEMIAULUS HAUCKII	50
HEMIDISCUS HARDMANIANUS	TRACE
LITHODESMIUM UNDULATUM	17

BLM PHYTOPLANKTON DATA

WINTER TRANSECT III STATION 1 DAY SAMP. 2.5 M.
SAMPLE ASR DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
NITZSCHIA CLOSTERIUM	22
NITZSCHIA SERIATA	33
ORNITHOCERCUS SPP.	TRACE
PERIDINIUM SPP.	28
PLEUROSIGMA SPP.	TRACE
PROROCENTRUM MICANS	17
PYROCYSTIS SPP.	39
RHIZOSOLENIA HEBETATA	17
RHIZOSOLENIA STOLTERFOTHII	44
SKELETONEMA COSTATUM	1311
STREPTOTHECA THAMESIS	44
THALASSIOSIRA BALTICA	1439
THALASSIOSIRA GRAVIDA	122
THALASSIOSIRA ROTULA	33
THALASSIOSIRA SUBTILIS	128

BLM PHYTOPLANKTON DATA

WINTER TRANSECT III STATION 1 DAY SAMP. 2.5 M.
SAMPLE ASR DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
THALASSIOTHRIX FRAUNFELDII	56
UNIDENTIFIED CENTRIC	50
UNIDENTIFIED DINOFLAGELLATES	17
UNIDENTIFIED PENNATE	22

BLM PHYTOPLANKTON DATA

WINTER TRANSECT III STATION 1 DAY SAMP. 10.0 M.
SAMPLE ASU DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTPUM HYALINUM	44
BIDDULPHIA REGIA	TRACE
CERATAULINA BERGONII	72
CERATIUM KOFOIDII	17
CHAETOCEROS AFFINIS	122
CHAETOCEROS COMPRESSUS	233
CHAETOCEROS CURVESETUS	83
CHAETOCEROS DIVERSUS	56
CHAETOCEROS LACINOSUS	33
CHAETOCEROS LORENZIANUS	194
CHAETOCEROS PELAGICUS	928
CHAETOCEROS PERUVIANUS	TRACE
CHAETOCEROS SPP.	328
CHAETOCEROS TERES	56
COCCOLITHUS HUXLEYI	44

BLM PHYTOPLANKTON DATA

WINTER TRANSECT III STATION 1 DAY SAMP. 10.0 M. DEPTH

SAMPLE ASU (CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
COSCINODISCUS SPP.	95
DICTYOCHA FIBULA	89
DIPLONEIS SPP.	39
DISTEPHANUS SPECULUM	17
DITYLUM BRIGHTWELLII	28
DITYLUM SOL	TRACE
HEMIAULUS HAUCKII	28
HEMIAULUS INDICA	TRACE
HEMIDISCUS HARDMANIANUS	TRACE
LITHODESMIUM UNDULATUM	TRACE
NITZSCHIA CLOSTERIUM	TRACE
PERIDINIUM SPP.	94
PLEUROSIGMA SPP.	TRACE
POLYKRIKOS SPP.	TRACE
PROROCENTRUM MICANS	72

BLM PHYTOPLANKTON DATA

WINTER TRANSECT III STATION 1 DAY SAMP. 10.0 M.
SAMPLE ASU DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
PYROCYSTIS SPP.	TRACE
RHIZOSOLENIA HEBETATA	TRACE
RHIZOSOLENIA STOLTERFOTHII	33
SKELETONEMA COSTATUM	961
THALASSIONEMA NITZSCHIOIDES	1072
THALASSIOSIRA GRAVIDA	483
THALASSIOSIRA ROTULA	367
THALASSIOSIRA SUBTILIS	111
THALASSIOTHRIX FRAUNFELDII	39
TRICHODESMIUM THIEBAUTII	TRACE
UNIDENTIFIED DINOFLAGELLATES	22

BLM PHYTOPLANKTON DATA

WINTER TRANSECT III STATION 2 DAY SAMP. 10.0 M. DEPTH

SAMPLE AVV

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTPUM BICONICUM	48
BACTERIASTPUM HYALINUM	210
BIDDULPHIA REGIA	TRACE
CERATAULINA BERGONII	48
CERATAULINA COMPACTA	48
CERATIUM FURCA	TRACE
CERATIUM KOFOIDII	TRACE
CHAETOCEROS BREVIS	156
CHAETOCEROS COMPRESSUS	90
CHAETOCEROS CONCAVICORNIS	24
CHAETOCEROS DECIPIENS	1368
CHAETOCEROS DIDYMUS PROTUBERANS	294
CHAETOCEROS DIVERSUS	78
CHAETOCEROS FURCELLATUS	438
CHAETOCEROS HOLSATICUS	24

RLM PHYTOPLANKTON DATA

WINTER TRANSECT III STATION 2 DAY SAMP. 10.0 M.
SAMPLE AVV DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS LACINOSUS	72
CHAETOCEROS LAUDERI	117
CHAETOCEROS LORENZIANUS	126
CHAETOCEROS MESSANENSIS	42
CHAETOCEROS PELAGICUS	66
CHAETOCEROS PERUVIANUS	126
CHAETOCEROS PSEUDOCURVESETUS	612
CHAETOCEROS SPP.	870
CHAETOCEROS TERES	48
CORETHRON HYSTRIX	56
COSCINODISCUS RADIATUS	TRACE
DACTYLIOSOLEN MEDITERRANEUS	240
DINOPHYSIS CAUDATA PEDUNCULATA	TRACE
EUCAMPIA CORNUTA	TRACE
GUINARDIA BLAVYANA	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT III STATION 2 DAY SAMP. 10.0 M.
SAMPLE AVV DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
GUINARDIA FLACCIDA	96
HEMIAULUS HAUCKII	132
HEMIAULUS SINENSIS	120
LAUDERIA BOREALIS	36
NITZSCHIA CLOSTERIUM	18
NITZSCNIA DELICATISSIMA	228
NITZSCNIA LONGISSIMA	TRACE
NITZSCNIA PUNGENS	42
NITZSCNIA SERIATA	156
PERIDINIUM SPP.	18
PLEUROSIGMA SPP.	TRACE
PROROCENTRUM MICANS	TRACE
PROROCENTRUM SPP.	TRACE
RHIZOSOLENIA ALATA GRACILLIMA	TRACE
RHIZOSOLENIA ALATA INDICA	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT III STATION 2 DAY SAMP. 10.0 M.
SAMPLE AVV DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENIA DELICATULA	48
RHIZOSOLENIA FRAGILISSIMA	TRACE
RHIZOSOLENIA SETIGERA	18
RHIZOSOLENIA STOLTERFOTHII	174
RHIZOSOLENIA STYLIFORMIS	60
SKELETONEMA COSTATUM	48
STEPHANOPYXIS PALMERIANA	TRACE
STEPHANOPYXIS TURRIS	TRACE
STREPTOTHECA THAMESIS	TRACE
THALASSIONEMA NITZSCHIOIDES	1422
THALASSIOSIRA DECIPIENS	54
THALASSIOSIRA ROTULA	36
THALASSIOSIRA SUBTILIS	18
THALASSIOTHRIX FRAUNFELDII	120
THALASSIOTHRIX MEDITERRANEA	42

BLM PHYTOPLANKTON DATA

WINTER TRANSECT III STATION 2 DAY SAMP. 10.0 M.
SAMPLE AVV DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
TRICHODESMIUM THIEBAUTII	TRACE
UNIDENTIFIED CENTRIC	18
UNIDENTIFIED PENNATE	36

BLM PHYTOPLANKTON DATA

WINTER TRANSECT III STATION 3 DAY SAMP. 10.0 M.
SAMPLE AYR DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTPUM COMOSUM	50
BACTERIASTPUM HYALINUM	61
BACTERIASTPUM SPP.	33
BACTERIASTPUM VARIANS	117
CERATAULINA BERGONII	17
CERATAULINA COMPACTA	56
CERATIUM SPP.	TRACE
CHAETOCEROS AFFINIS	133
CHAETOCEROS ATLANTICUS AUDAX	TRACE
CHAETOCEROS CURVESETUS	250
CHAETOCEROS DANICUS	139
CHAETOCEROS DECIPIENS	828
CHAETOCEROS DECIPIENS SINGULARIS	TRACE
CHAETOCEROS DIDYMUS PROTUBERANS	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT III STATION 3 DAY SAMP. 10.0 M.
SAMPLE AYR DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS GLANDAZII	33
CHAETOCEROS LACINOSUS	178
CHAETOCEROS LORENZIANUS	244
CHAETOCEROS MITRA	83
CHAETOCEROS PELAGICUS	72
CHAETOCEROS PERUVIANUS	44
CHAETOCEROS SPP.	439
CHAETOCEROS TORTISSIMUS	44
COCCOLITHUS HUXLEYI	50
CORETHRON HYSTRIX	44
COSCINODISCUS RADIATUS	44
COSCINODISCUS SPP.	TRACE
DACTYLIOSOLEN MEDITERRANEUS	33
DICTYOCHA FIBULA	17
DIPLONEIS SPP.	17

BLM PHYTOPLANKTON DATA

WINTER TRANSECT III STATION 3 DAY SAMP. 10.0 M.
SAMPLE AYR DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
DISTEPHANUS SPECULUM	22
GUINARDIA FLACCIDA	78
HEMIAULUS HAUCKII	105
HEMIAULUS INDICA	22
LEPTOCYLINDRICUS MINIMUS	272
NITZSCHIA CLOSTERIUM	TRACE
NITZSCNIA SERIATA	144
RHIZOSOLENIA FRAGILISSIMA	TRACE
RHIZOSOLENIA HEBETATA	67
RHIZOSOLENIA STOLTERFOTHII	117
THALASSIONEMA NITZSCHIOIDES	367
THALASSIOSIRA ROTULA	28
THALASSIOSIRA SUBTILIS	444
THALASSIOTHRIX FRAUNFELDII	33
TRICHODESMIUM THIEBAUTII	22

BLM PHYTOPLANKTON DATA

WINTER TRANSECT III STATION 3 DAY SAMP. 10.0 M.
SAMPLE AYR DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
UNIDENTIFIED CENTRIC	30
UNIDENTIFIED PENNATE	20

BLM PHYTOPLANKTON DATA

WINTER TRANSECT III STATION 3 DAY SAMP. 25.0 M.
SAMPLE AYU DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BIDDULPHIA REGIA	TRACE
BIDDULPHIA SINENSIS	TRACE
CERATAULINA BERGONII	TRACE
CERATAULINA COMPACTA	133
CERATIUM PENTAGONUM	TRACE
CHAETOCEROS AFFINIS	411
CHAETOCEROS ATLANTICUS	22
CHAETOCEROS CURVESETUS	344
CHAETOCEROS DECIPIENS	661
CHAETOCEROS DIDYMUS PROTUBERANS	156
CHAETOCEROS DIVERSUS	78
CHAETOCEROS LACINOSUS	56
CHAETOCEROS LORENZIANUS	561
CHAETOCEROS PELAGICUS	78
CHAETOCEROS PERUVIANUS	50

BLM PHYTOPLANKTON DATA

WINTER TRANSECT III STATION 3 DAY SAMP. 25.0 M.
SAMPLE AYU DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS SPP.	256
COCCOLITHUS HUXLEYI	44
CORETHRON HYSTRIX	33
CORETHRON PELAGICUS	TRACE
COSCINODISCUS SPP.	67
DACTYLIOSOLEN MEDITERRANEUS	78
DICTYOCHA FIBULA	39
DIPLONEIS SPP.	TRACE
DISTEPHANUS SPECULUM	TRACE
DITYLUM BRIGHTWELLII	TRACE
GUINARDIA FLACCIDA	78
HEMIAULUS HAUCKII	106
HEMIAULUS SINENSIS	17
LEPTOCYLINDRICUS DANICUS	16
LEPTOCYLINDRICUS MINIMUS	100

BLM PHYTOPLANKTON DATA

WINTER TRANSECT III STATION 3 DAY SAMP. 25.0 M.
SAMPLE AYU DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
NITZSCHIA CLOSTERIUM	39
NITZSCNIA DELICATISSIMA	56
NITZSCNIA SERIATA	239
NITZSCNIA SPP.	TRACE
PERIDINIUM SPP.	TRACE
PYROCYSTIS SPP.	TRACE
RHIZOSOLENIA ALATA ALATA	TRACE
RHIZOSOLENIA DELICATULA	TRACE
RHIZOSOLENIA FRAGILISSIMA	TRACE
RHIZOSOLENIA HEBETATA	61
RHIZOSOLENIA STOLTERFOTHII	56
SKELETONEMA COSTATUM	33
STREPTOTHECA THAMESIS	22
THALASSIONEMA NITZSCHIOIDES	644
THALASSIOSIRA BALTICA	72

BLM PHYTOPLANKTON DATA

WINTER TRANSECT III STATION 3 DAY SAMP. 25.0 M.
SAMPLE AYU DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
THALASSIOSIRA SUBTILIS	28
THALASSIOTHRIX FRAUNFELDII	89
TRICHODESMIUM THIEBAUTII	TRACE
UNIDENTIFIED PENNATE	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 1 DAY SAMP. 2.0 M.
SAMPLE BBP DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ACTINOPTYCHUS SPP.	TRACE
AMPHIPRORA SPP.	TRACE
BACTERIOSIRA FRAGILIS	25
BACTERIASTPUM HYALINUM	55
CERATIUM SPP.	14
CHAETOCEROS DECIPIENS	TRACE
CHAETOCEROS DIDYMUS PROTUBERANS	64
CHAETOCEROS LORENZIANUS	TRACE
CHAETOCEROS PELAGICUS	TRACE
CHAETOCEROS SPP.	14
COCCOLITHUS HUXLEYI	TRACE
COSCINODISCUS EXCENTRICUS	42
COSCINODISCUS JANISCNII	TRACE
COSCINODISCUS SPP.	55
DETONULA CONFERVACEA	22

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 1 DAY SAMP. 2.0 M.
SAMPLE BBP DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
DINOPHYSIS CAUDATA PEDUNCULATA	25
DINOPHYSIS VANHOFFENII	TRACE
DISTEPHANUS SPECULUM	TRACE
DITYLUM BRIGHTWELLII	TRACE
EUCAMPIA ZOODIACUS	44
EXUVIELLA LIMA	TRACE
GUINARDIA FLACCIDA	66
HEMIAULUS HAUCKII	28
LEPTOCYLINDRICUS DANICUS	30
NITZSCNIA DELICATISSIMA	TRACE
NITZSCNIA SERIATA	180
PERIDINIUM SPP.	44
PLEUROSIGMA SPP.	17
PODOLAMPAS SPINIFERA	TRACE
PROROCENTRUM MICANS	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 1 DAY SAMP. 2.0 M.
SAMPLE BBP DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENIA CALCAR AVIS	42
RHIZOSOLENIA HEBETATA	TRACE
SKELETONEMA COSTATUM	TRACE
SURRIELLA EXIMIA	TRACE
THALASSIONEMA NITZSCHIOIDES	TRACE
THALASSIOSIRA GRAVIDA	17
THALASSIOSIRA ROTULA	25
UNIDENTIFIED CENTRIC	75
UNIDENTIFIED PENNATE	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 1 DAY SAMP. 7.0 M.
SAMPLE BBR DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTPUM HYALINUM	25
BELLEROCHEA MALLEUS	TRACE
CERATAULINA BERGONII	TRACE
CHAETOCEROS DECIPIENS	17
CHAETOCEROS DIDYMUS PROTUBERANS	25
CHAETOCEROS LORENZIANUS	28
CHAETOCEROS PELAGICUS	TRACE
CHAETOCEROS SIMPLEX CALCITRANS	17
COCCOLITHUS HUXLEYI	TRACE
COSCINODISCUS EXCENTRICUS	28
COSCINODISCUS JANISCNII	47
COSCINODISCUS RADIATUS	17
COSCINODISCUS SPP.	30
DETONULA CONFERVACEA	30

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 1 DAY SAMP. 7.0 M.
SAMPLE BBR DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
DICTYOCHA FIBULA	TRACE
DINOPHYSIS CAUDATA PEDUNCULATA	TRACE
DITYLUM BRIGHTWELLII	TRACE
EUCAMPIA ZOODIACUS	111
EXUVIELLA LIMA	TRACE
GUINARDIA FLACCIDA	86
HEMIAULUS HAUCKII	TRACE
LEPTOCYLINDRICUS DANICUS	TRACE
NITZSCHIA SERIATA	341
PERIDINIUM VENUSTRUM	TRACE
RHIZOSOLENIA CALCAR AVIS	64
RHIZOSOLENIA DELICATULA	TRACE
RHIZOSOLENIA ROBUSTA	TRACE
THALASSIONEMA NITZSCHIOIDES	64

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 1 DAY SAMP. 7.0 M.
SAMPLE BBR DEPTH
(CONTINUED)

GENUS SPECIFS VARIETY	CELLS/L.
THALASSIOSIRA ROTULA	19
UNIDENTIFIED CENTRIC	17
UNIDENTIFIED DINOFLAGELLATES	TRACE
UNIDENTIFIED PENNATE	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 2 DAY SAMP. 2.0 M.
SAMPLE BER DEPTH

GENUS SPECIES VARIETY	CELLS/L.
AMPHORA SPP.	TRACE
BACTERIASTPUM HYALINUM	17
CERATAULINA BERGONII	17
CERATAULINA COMPACTA	TRACE
CHAETOCEROS AFFINIS	47
CHAETOCEROS DECIPIENS	25
CHAETOCEROS LORENZIANUS	36
CHAETOCEROS PELAGICUS	TRACE
CHAETOCEROS PERUVIANUS	TRACE
CHAETOCEROS PSEUDOCURVESETUS	TRACE
CHAETOCEROS SIMPLEX	53
CHAETOCEROS SPP.	55
CHAETOCEROS VAN HEURCKII	19
COCCOLITHUS HUXLEYI	TRACE
CORETHRON HYSTRIX	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 2 DAY SAMP. 2.0 M.
SAMPLE BER DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
COSCINODISCUS EXCENTRICUS	TRACE
COSCINODISCUS SUBCONCAVUM	TRACE
DICTYOCHA FIBULA	TRACE
DISTEPHANUS SPECULUM	TRACE
DITYLUM BRIGHTWELLII	TRACE
EUCAMPIA CORNUTA	TRACE
GUINARDIA FLACCIDA	TRACE
HEMIAULUS HAUCKII	TRACE
LEPTOCYLINDRICUS DANICUS	25
MELOSIRA SPP.	TRACE
NAVICULA SPP.	36
NITZSCHIA CLOSTERIUM	55
NITZSCNIA DELICATISSIMA	100
NITZSCNIA LONGISSIMA	39
NITZSCNIA SERIATA	172

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 2 DAY SAMP. 2.0 M.
SAMPLE BER DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
PLEUROSIGMA SPP.	TRACE
PROROCENTRUM MICANS	TRACE
RHIZOSOLENIA ACUMINATA	TRACE
RHIZOSOLENIA DELICATULA	TRACE
RHIZOSOLENIA HEBETATA	TRACE
RHIZOSOLENIA ROBUSTA	TRACE
RHIZOSOLENIA STOLTERFOTHII	TRACE
STRIATELLA UNIPUNCTATA	TRACE
THALASSIONEMA NITZSCHIOIDES	39
THALASSIOSIRA ROTULA	42
THALASSIOTHRIX FRAUNFELDII	17
TRICHODESMIUM THIEBAUTII	TRACE
UNIDENTIFIED CENTRIC	TRACE
UNIDENTIFIED PENNATE	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 2 DAY SAMP. 18.0 M.
SAMPLE BEU DEPTH

GENUS SPECIES VARIETY	CELLS/L.
AMPHIPRORA SPP.	14
BACTERIASTPUM HYALINUM	33
BIDDULPHIA MOBILIENSIS	TRACE
BIDDULPHIA RHOMBUS	22
BIDDULPHIA TUOMEYI	TRACE
CERATAULINA BERGONII	30
CERATAULINA COMPACTA	19
CERATIUM FURCA	TRACE
CERATIUM FUSUS	TRACE
CHAETOCEROS AFFINIS	25
CHAETOCEROS DECIPIENS	17
CHAETOCEROS DIDYMUS PROTUBERANS	TRACE
CHAETOCEROS DISTANS	TRACE
CHAETOCEROS LACINOSUS	TRACE
CHAETOCEROS LORENZIANUS	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 2 DAY SAMP. 18.0 M.
SAMPLE BEU DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS PERUVIANUS	TRACE
CHAETOCEROS SIMPLEX	42
CHAETOCEROS SPP.	64
COCCOLITHUS HUXLEYI	TRACE
COSCINODISCUS EXCENTRICUS	17
COSCINODISCUS SUBCONCAVUM	TRACE
DICTYOCHA FIBULA	TRACE
DINOPHYSIS VANHOFFENII	TRACE
DISTEPHANUS SPECULUM	TRACE
EUCAMPIA CORNUTA	19
EXUVIELLA LIMA	58
GOSSERIELLA TROPICA	TRACE
GRAMMATOPHORA MARINA	17
GUINARDIA FLACCIDA	TRACE
HEMIAULUS HAUCKII	30

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 2 DAY SAMP. 18.0 M.
SAMPLE BEU DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
LEPTOCYLINDRICUS DANICUS	22
LEPTOCYLINDRICUS MINIMUS	22
MELOSIRA SPP.	TRACE
NAVICULA SPP.	42
NITZSCHIA CLOSTERIUM	50
NITZSCNIA DELICATISSIMA	53
NITZSCNIA LONGISSIMA	47
NITZSCNIA SERIATA	125
PERIDINIUM SPP.	61
PERIDINIUM TUBA	TRACE
PLEUROSIGMA SPP.	TRACE
PODOLAMPAS SPINIFERA	17
PROROCENTRUM MICANS	72
RHIZOSOLENIA HEBETATA	TRACE
SKELETONEMA COSTATUM	25

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 2 DAY SAMP. 18.0 M.
SAMPLE BEU DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
STEPHANOPYXIS PALMERIANA	TRACE
THALASSIOSIRA GRAVIDA	TRACE
THALASSIOSIRA ROTULA	TRACE
THALASSIOTHRIX FRAUNFELDII	TRACE
TRICHODESMIUM THIEBAUTII	TRACE
UNIDENTIFIED CENTRIC	28
UNIDENTIFIED DINOFLAGELLATES	36
UNIDENTIFIED PENNATE	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 3 DAY SAMP. 2.0 M.
SAMPLE BPR DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA JAPONICA (=A. GLACIALIS)	TRACE
BACTERIASTPUM BICONICUM	48
BACTERIASTPUM DELICATULUM	64
BACTERIASTPUM HYALINUM PRINCEPS	140
BACTERIASTPUM VARIANS	TRACE
CERATAULINA BERGONII	64
CERATIUM FURCA	TRACE
CHAETOCEROS AFFINIS	TRACE
CHAETOCEROS ATLANTICUS NEOPOLITANA	TRACE
CHAETOCEROS BREVIS	80
CHAETOCEROS COACTICUS	32
CHAETOCEROS COMPRESSUS	44
CHAETOCEROS COSTATUS	TRACE
CHAETOCEROS CURVESETUS	132

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 3 DAY SAMP. 2.0 M.
SAMPLE BPR DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS DECIPIENS	140
CHAETOCEROS DIDYMUS PROTUBERANS	TRACE
CHAETOCEROS GLANDAZII	16
CHAETOCEROS LACINOSUS	32
CHAETOCEROS LORENZIANUS	20
CHAETOCEROS PELAGICUS	24
CHAETOCEROS PERUVIANUS	16
CHAETOCEROS SPP.	552
CORETHRON HYSTRIX	TRACE
COSCINODISCUS CONCINNUS	TRACE
COSCINODISCUS RADIATUS	20
DACTYLIOSOLEN MEDITERRANEUS	148
DICTYOCHA FIBULA	TRACE
DINOPHYSIS CAUDATA PEDUNCULATA	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 3 DAY SAMP. 2.0 M.
SAMPLE BPR DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
DISTEPHANUS SPECULUM	TRACE
DITYLUM SOL	TRACE
EUCAMPIA CORNUTA	24
EUCAMPIA ZOODIACUS	40
HEMIAULUS HAUCKII	TRACE
HEMIAULUS MEMBRANACEOUS	16
HEMIAULUS SINENSIS	16
HEMIDISCUS HARDMANIANUS	TRACE
LAUDERIA BOREALIS	TRACE
LICMOPHORA SPP.	TRACE
NAVICULA SPP.	TRACE
NAVICULA WARWRIKAE	TRACE
NITZSCHIA CLOSTERIUM	TRACE
NITZSCNIA LONGISSIMA	TRACE
NITZSCNIA PUNGENS	40

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 3 DAY SAMP. 2.0 M.
SAMPLE BPR DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
NITZSCNIA SPP.	20
PROROCENTRUM COMPRESSUM	TRACE
PROROCENTRUM MICANS	TRACE
RHIZOSOLENIA ALATA GRACILLIMA	TRACE
RHIZOSOLENIA STOLTERFOTHII	44
SCHRODERELLA DELICATULA	40
STEPHANOPYXIS PALMERIANA	TRACE
THALASSIONEMA NITZSCHIOIDES	16
THALASSIOSIRA DECIPIENS	36
THALASSIOSIRA ROTULA	20
THALASSIOSIRA SUBTILIS	TRACE
THALASSIOTHRIX DELICATULA	TRACE
THALASSIOTHRIX FRAUNFELDII	32
TRICHODESMIUM THIEBAUTII	TRACE
UNIDENTIFIED CENTRIC	28

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 3 DAY SAMP. 2.0 M.
SAMPLE BPR DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
UNIDENTIFIED PENNATE	24

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 3 DAY SAMP. 36.0 M.
SAMPLE BPU DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTRUM DELICATULUM	120
BACTERIASTRUM HYALINUM PRINCEPS	176
CERATAULINA BERGONII	228
CERATIUM EXTENSUM	TRACE
CERATIUM KOFOIDII	TRACE
CERATIUM TRICHOCEROS	TRACE
CHAETOCEROS AFFINIS	TRACE
CHAETOCEROS ATLANTICUS NEOPOLITANA	44
CHAETOCEROS BREVIS	132
CHAETOCEROS COACTICUS	TRACE
CHAETOCEROS COMPRESSUS	128
CHAETOCEROS CURVESETUS	292
CHAETOCEROS DECIPIENS	76
CHAETOCEROS DIDYMUS PROTUBERANS	32

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 3 DAY SAMP. 36.0 M.
SAMPLE BPU DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS DIVERSUS	16
CHAETOCEROS GLANDAZII	32
CHAETOCEROS HOLSATICUS	TRACE
CHAETOCEROS LACINOSUS	112
CHAETOCEROS LORENZIANUS	16
CHAETOCEROS MESSANENSIS	24
CHAETOCEROS PERUVIANUS	TRACE
CHAETOCEROS SALTANS	33
CHAETOCEROS SOCIALIS	36
CHAETOCEROS SPP.	1044
CHAETOCEROS TERES	56
CORETHRON HYSTRIX	36
CORETHRON PELAGICUS	TRACE
COSCINODISCUS CONCINNUS	TRACE
COSCINODISCUS NODULIFER	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 3 DAY SAMP. 36.0 M.
SAMPLE BPU DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
COSCINODISCUS RADIATUS	TRACE
DACTYLIOSOLEN MEDITERRANEUS	68
DETONULA CONFERVACEA	TRACE
DICTYOCHA FIBULA	20
DIPLONEIS SPP.	TRACE
DISTEPHANUS SPECULUM	44
EUCAMPIA CORNUTA	32
EUCAMPIA ZOODIACUS	24
GUINARDIA FLACCIDA	TRACE
HEMIAULUS HAUCKII	TRACE
HEMIAULUS MEMBRANACEOUS	TRACE
LAUDERIA BOREALIS	16
LEPTOCYLINDRICUS DANICUS	32
NAVICULA WARWRIKAE	TRACE
NITZSCHIA CLOSTERIUM	40

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 3 DAY SAMP. 36.0 M. DEPTH
SAMPLE BPU
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
NITZSCNIA LONGISSIMA	36
NITZSCNIA PUNGENS	56
NITZSCNIA SPP.	64
PERIDINIUM SPP.	TRACE
PLEUROSIGMA SPP.	TRACE
PROROCENTRUM COMPRESSUM	TRACE
RHIZOSOLENIA ALATA GRACILLIMA	TRACE
RHIZOSOLENIA ALATA INDICA	TRACE
RHIZOSOLENIA DELICATULA	28
RHIZOSOLENIA FRAGILISSIMA	TRACE
RHIZOSOLENIA ROBUSTA	TRACE
RHIZOSOLENIA STOLTERFOTHII	48
RHIZOSOLENIA STYLIFORMIS LATISSIMA	TRACE
SCHRODERELLA DELICATULA	TRACE

BLM PHYTOPLANKTON DATA

WINTER TRANSECT IV STATION 3 DAY SAMP. 36.0 M.
SAMPLE BPU DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
SKELETONEMA COSTATUM	80
STEPHANOPYXIS PALMERIANA	TRACE
THALASSIONEMA NITZSCHIOIDES	280
THALASSIOSIRA DECIPIENS	28
THALASSIOSIRA ROTULA	TRACE
THALASSIOSIRA SUBTILIS	TRACE
THALASSIOTHRIX DELICATULA	TRACE
THALASSIOTHRIX FRAUNFELDII	104
UNIDENTIFIED CENTRIC	24
UNIDENTIFIED DINOFLAGELLATES	TRACE
UNIDENTIFIED PENNATE	60

BLM PHYTOPLANKTON DATA

SPRING TRANSECT I STATION 1 DAY SAMP. 4.0 M.
SAMPLE CBL DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA JAPONICA (=A. GLACIALIS)	83490
BIDDULPHIA MOBILIENSIS	3795
CHAETOCEROS AFFINIS	3795
CHAETOCEROS DECIPIENS	12650
CHAETOCEROS DIVERSUS	8855
CHAETOCEROS MITRA	8855
CHAETOCEROS PERUVIANUS	TRACE
CHAETOCEROS SPP.	11385
CHAETOCEROS SP.1 (SOL.)	5060
CHAETOCEROS VAN HEURCKII	8855
COSCINODISCUS MARGINATUS	3795
DITYLUM BRIGHTWELLII	51865
EXUVIELLA LIMA	TRACE
GUINARDIA FLACCIDA	TRACE

BLM PHYTOPLANKTON DATA

SPRING TRANSECT I STATION 1 DAY SAMP. 4.0 M.
SAMPLE CBL DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
HEMIAULUS HAUCKII	2530
LAUDERIA BOREALIS	3795
LEPTOCYLINDRICUS MINIMUS	1325558
LITHODESMIUM UNDULATUM	2530
NITZSCHIA SERIATA	43010
PLEUROSIGMA SP.1	TRACE
SKELETONEMA COSTATUM	287155
THALASSIONEMA NITZSCHIOIDES	258060
THALASSIOSIRA ROTULA	65780
UNIDENTIFIED PENNATE	3795
UNIDENTIFIED SILICOFLAGELLATE	TRACE

BLM PHYTOPLANKTON DATA

SPRING TRANSECT I STATION 1 DAY SAMP. 10.0 M.
SAMPLE CBP DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA JAPONICA (=A. GLACIALIS)	75480
BIDDULPHIA MOBILIENSIS	TRACE
CERATAULINA BERGONII	2220
CHAETOCEROS AFFINIS	15540
CHAETOCEROS MITRA	TRACE
CHAETOCEROS SP.1 (SOL.)	9990
CHAETOCEROS VAN HEURCKII	8880
COSCINODISCUS SPP.	TRACE
DITYLUM BRIGHTWELLII	33630
HEMIAULUS HAUCKII	3330
LAUDERIA BOREALIS	TRACE
LEPTOCYLINDRICUS MINIMUS	868020
NAVICULA SPP.	TRACE
NITZSCHIA SERIATA	43290

BLM PHYTOPLANKTON DATA

SPRING TRANSECT I STATION 1 DAY SAMP. 10.0 M.
SAMPLE CBP DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENIA SETIGERA	TRACE
SKELETONEMA COSTATUM	195360
THALASSIONEMA NITZSCHIOIDES	118770
THALASSIOSIRA ROTULA	33300
THALASSIOSIRA SUBTILIS	3300
UNIDENTIFIED CENTRIC	3330

BLM PHYTOPLANKTON DATA

SPRING TRANSECT I STATION 2 DAY SAMP. 5.0 M.
SAMPLE CEQ DEPTH

GENUS SPECIES VARIETY	CELLS/L.
AMPHIPRORA GIGANTEA	TRACE
AMPHIPRORA SPP.	TRACE
AMPHORA SPP.	TRACE
ASTERIONELLA JAPONICA (=A. GLACIALIS)	200
BACTERIASTPUM HYALINUM	TRACE
CHAETOCEROS DECIPIENS	58
CHAETOCEROS DIVERSUS	14
CHAETOCEROS LORENZIANUS	33
CHAETOCEROS PERUVIANUS	TRACE
CHAETOCEROS SPP.	47
CHAETOCEROS SP.1 (SOL.)	14
COSCINODISCUS SPP.	TRACE
DIPLONEIS SPP.	TRACE
DITYLUM BRIGHTWELLII	68

BLM PHYTOPLANKTON DATA

SPRING TRANSECT I STATION 2 DAY SAMP. 5.0 M. DEPTH

SAMPLE CFQ (CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
HALOSPHAERA VIRIDIS	TRACE
HEMIAULUS HAUCKII	TRACE
LEPTOCYLINDRICUS MINIMUS	131
NAVICULA SPP.	TRACE
NAVICULA SP.1 (DISTANS)	TRACE
NAVICULA SP.3	42
NITZSCHIA CLOSTERIUM	234
NITZSCNIA DELICATISSIMA	153
NITZSCNIA LONGISSIMA	TRACE
PERIDINIUM OCEANICUM	TRACE
PLEUROSIGMA SP.1	14
RHIZOSOLENTA ALATA ALATA	TRACE
RHIZOSOLENIA DELICATULA	53
RHIZOSOLENIA STOLTERFOTHII	25
SKELETONEMA COSTATUM	334

DLM PHYTOPLANKTON DATA

SPRING TRANSECT I STATION 2 DAY SAMP. 5.0 M.
SAMPLE CEQ DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
THALASSIONEMA NITZSCHIOIDES	72
THALASSIOSIRA ROTULA	TRACE
THALASSIOTHRIX MEDITERRANEA	14
UNIDENTIFIED CENTRIC	36
UNIDENTIFIED PENNATE	17

BLM PHYTOPLANKTON DATA

SPRING TRANSECT I STATION 2 DAY SAMP. 20.0 M.
SAMPLE CEW DEPTH

GENUS SPECIES VARIETY	CELLS/L.
AMPHIPRORA GIGANTEA	TRACE
AMPHORA SPP.	TRACE
ASTERIONELLA JAPONICA (=A. GLACIALIS)	229
BIDDULPHIA MOBILIENSIS	22
CERATIUM FURCA	TRACE
CERATIUM LONGINUM	TRACE
CHAETOCEROS LACINOSUS	67
CHAETOCEROS LORENZIANUS	93
CHAETOCEROS SALTANS	26
CHAETOCEROS SPP.	TRACE
COSCINODISCUS SPP.	19
DIPLONEIS SPP.	103
DISTEPHANUS SPECULUM	22
DITYLUM BRIGHTWELLII	141
GONYAULAX SPP.	TRACE

BLM PHYTOPLANKTON DATA

SPRING TRANSECT I STATION 2 DAY SAMP. 20.0 M. DEPTH

SAMPLE CFW

(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
HEMIAULUS HAUCKII	TRACE
LEPTOCYLINDRICUS DANICUS	TRACE
LEPTOCYLINDRICUS MINIMUS	19
NAVICULA SPP.	138
NITZSCHIA CLOSTERIUM	988
NITZSCHIA DELICATISSIMA	315
NITZSCHIA LONGISSIMA	115
NITZSCHIA SERIATA	22
PERIDINIUM CERASUS	15
PLEUROSIGMA SPP.	137
RHIZOSOLENIA CALCAR AVIS	TRACE
SKELETONEMA COSTATUM	437
THALASSIONEMA NITZSCHIOIDES	49
THALASSIOSIRA ROTULA	19
THALASSIOTHRIX FRAUNFELDII	67

BLM PHYTOPLANKTON DATA

SPRING TRANSECT I STATION 2 DAY SAMP. 20.0 M.
SAMPLE CEW DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
UNIDENTIFIED CENTRIC	TRACE
UNIDENTIFIED PENNATE	26

BLM PHYTOPLANKTON DATA

SPRING TRANSECT I STATION 3 DAY SAMP. 1.0 M.
SAMPLE CHU DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTPUM HYALINUM	TRACE
BACTERIASTPUM VARIANS	TRACE
CERATAULINA COMPACTA	TRACE
CERATIUM KOFOIDII	33
CERATIUM TRIPOS	TRACE
CHAETOCEROS DECIPIENS	TRACE
CHAETOCEROS DIVERSUS	TRACE
CHAETOCEROS LACINOSUS	55
CHAETOCEROS MUELLERI	19
CHAETOCEROS PSEUDODICHAETA	TRACE
CHAETOCEROS SPP.	47
DACTYLIOSOLEN ANTARCTICUS	20
DACTYLIOSOLEN MEDITERRANEUS	30
DITYLUM BRIGHTWELLII	22
DITYLUM SOL	TRACE

BLM PHYTOPLANKTON DATA

SPRING TRANSECT I STATION 3 DAY SAMP. 1.0 M.
SAMPLE CHU DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
EUCAMPIA ZOODIACUS	TRACE
EXUVIELLA LIMA	TRACE
HALOSPHAERA VIRIDIS	TRACE
HEMIAULUS HAUCKII	89
HEMIAULUS MEMBRANACEOUS	30
LEPTOCYLINDRICUS DANICUS	127
NAVICULA SPP.	TRACE
NAVICULA SP.1 (DISTANS)	TRACE
NITZSCHIA CLOSTERIUM	69
NITZSCHIA DELICATISSIMA	288
NITZSCHIA SERIATA	42
PERIDINIUM CERASUS	55
PLEUROSIGMA SP.1	TRACE
PROROCENTRUM MICANS	TRACE
RHABDONEMA SPP.	TRACE

BLM PHYTOPLANKTON DATA

SPRING TRANSECT I STATION 3 DAY SAMP. 1.0 M.
SAMPLE CHU DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENTA ALATA ALATA	17
RHIZOSOLENIA STOLTERFOTHII	TRACE
UNIDENTIFIED CENTRIC	TRACE
UNIDENTIFIED PENNATE	TRACE

BLM PHYTOPLANKTON DATA

SPRING TRANSECT I STATION 3 DAY SAMP. 25.0 M.
SAMPLE CHZ DEPTH

GENUS SPECIES VARIETY	CELLS/L.
AMPHORA SPP.	TRACE
BACTERIASTRUM HYALINUM	11
CERATAULINA BERGONII	TRACE
CERATIUM KOFOIDII	TRACE
CHAETOCEROS AFFINIS	17
CHAETOCEROS DECIPIENS	125
CHAETOCEROS DIDYMUS PROTUBERANS	TRACE
CHAETOCEROS LACINOSUS	11
CHAETOCEROS PERUVIANUS	TRACE
CHAETOCEROS PSEUDODICHAETA	39
CHAETOCEROS SPP.	48
DACTYLIOSOLEN MEDITERRANEUS	29
DITYLUM BRIGHTWELLII	11
DITYLUM SOL	TRACE
EXUVIELLA LIMA	TRACE

BLM PHYTOPLANKTON DATA

SPRING TRANSECT I STATION 3 DAY SAMP. 25.0 M.
SAMPLE CHZ DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
HALOSPHAERA VIRIDIS	20
HEMIAULUS HAUCKII	11
HEMIAULUS MEMBRANACEOUS	TRACE
LEPTOCYLINDRICUS DANICUS	52
LEPTOCYLINDRICUS MINIMUS	42
NAVICULA SPP.	TRACE
NAVICULA SP.1 (DISTANS)	TRACE
NAVICULA SP.3	TRACE
NITZSCHIA CLOSTERIUM	52
NITZSCNIA DELICATISSIMA	543
NITZSCNIA SERIATA	46
PERIDINIUM CERASUS	11
PODOLAMPAS SPINIFERA	TRACE
RHIZOSOLENTA ALATA ALATA	11
RHIZOSOLENIA STOLTERFOTHII	TRACE

BLM PHYTOPLANKTON DATA

SPRING TRANSECT I STATION 3 DAY SAMP. 25.0 M.
SAMPLE CHZ DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
THALASSIONEMA NITZSCHIOIDES	9
UNIDENTIFIED CENTRIC	24

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 1 DAY SAMP. 1.0 M.
SAMPLE CLA DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA JAPONICA (=A. GLACIALIS)	278880
BIDDULPHIA AURITA	960
BIDDULPHIA MOBILIENSIS	7630
BIDDULPHIA SINENSIS	1440
CERATAULINA COMPACTA	960
CERATIUM SPP.	480
CHAETOCEROS AFFINIS	13410
CHAETOCEROS ATLANTICUS	960
CHAETOCEROS ATLANTICUS NEOPOLITANA	1920
CHAETOCEROS BREVIS	17280
CHAETOCEROS DECIPIENS	960
CHAETOCEROS DIDYMUS ANGLICA	4800
CHAETOCEROS LACINOSUS	4320
CHAETOCEROS PELAGICUS	17280

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 1 DAY SAMP. 1.0 M.
SAMPLE CLA DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS PERUVIANUS	TRACE
CHAETOCEROS PSEUDOCURVESETUS	8160
CHAETOCEROS SIMPLEX	960
CHAETOCEROS SPP.	32160
CHAETOCEROS SUBTILIS	3840
CHAETOCEROS TERES	3360
CHAETOCEROS TORTISSIMUS	2880
COSCINODISCUS RADIATUS	1440
COSCINODISCUS SPP.	480
DACTYLIOSOLEN MEDITERRANEUS	4800
DITYLUM BRIGHTWELLII	96480
EUCAMPIA CORNUTA	3360
HEMIAULUS HAUCKII	960
HEMIAULUS SINENSIS	TRACE
LAUDERIA BOREALIS	4320

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 1 DAY SAMP. 1.0 M.
SAMPLE CLA DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
LEPTOCYLINDRICUS DANICUS	2880
LEPTOCYLINDRICUS MINIMUS	270240
LITHODESMIUM UNDULATUM	TRACE
NITZSCHIA CLOSTERIUM	3360
NITZSCNIA DELICATISSIMA	21600
NITZSCNIA PUNGENS	10080
NITZSCNIA SERIATA	25440
NITZSCNIA SPP.	480
PERIDINIUM PALLIDUM	960
PERIDINIUM SPP.	480
PLEUROSIGMA SPP.	6720
PROROCENTPUM MICANS	480
RHIZOSOLENIA CALCAR AVIS	TRACE
RHIZOSOLENIA FRAGILISSIMA	4800
RHIZOSOLENIA SETIGERA	1920

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 1 DAY SAMP. 1.0 M.
SAMPLE CLA DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENIA STOLTERFOTHII	4320
SKELETONEMA COSTATUM	1233120
STEPHANOPYXIS PALMERIANA	TRACE
THALASSIONEMA NITZSCHIOIDES	30240
THALASSIOSIRA DECIPIENS	10560
THALASSIOSIRA GRAVIDA	1440
THALASSIOSIRA NORDENSKIOLDII	1920
THALASSIOSIRA ROTULA	49920
THALASSIOSIRA SPP.	3840
THALASSIOSIRA SUBTILIS	2400
THALASSIOTHRIX FRAUNFELDII	1920
THALASSIOTHRIX MEDITERRANEA	9120
UNIDENTIFIED PENNATE	960

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 1 DAY SAMP. 5.0 M.
SAMPLE CLE DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA JAPONICA (=A. GLACIALIS)	456960
BIDDULPHIA AURITA	960
BIDDULPHIA MOBILIENSIS	7680
BIDDULPHIA SINENSIS	5760
CERATAULINA COMPACTA	2880
CHAETOCEROS BREVIS	16320
CHAETOCEROS DIDYMUS ANGLICA	TRACE
CHAETOCEROS DIDYMUS PROTUBERANS	1920
CHAETOCEROS PELAGICUS	1920
CHAETOCEROS PERUVIANUS	960
CHAETOCEROS PSEUDOCURVESETUS	1920
CHAETOCEROS SPP.	35520
COSCINODISCUS RADIATUS	960
DACTYLIOSOLEN MEDITERRANEUS	960

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 1 DAY SAMP. 5.0 M.
SAMPLE CLE DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
DITYLUM BRIGHTWELLII	145960
EUCAMPIA CORNUTA	4800
EUCAMPIA ZOODIACUS	1920
GRAMMATOPHORA SPP.	3840
HEMIAULUS HAUCKII	960
HYALODISCUS SP.1 (SCOTICUS)	1920
LAUDERIA BOREALIS	3840
LEPTOCYLINDRICUS MINIMUS	617280
NITZSCHIA DELICATISSIMA	53760
NITZSCHIA LONGISSIMA	2880
NITZSCHIA PUNGENS	35520
NITZSCHIA SERIATA	31680
PERIDINIUM PALLIDUM	960
PLEUROSIGMA SPP.	5760
RHIZOSOLENIA FRAGILISSIMA	3840

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 1 DAY SAMP. 5.0 M.
SAMPLE CLE DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENIA SETIGERA	12480
RHIZOSOLENIA STOLTERFOTHII	9600
SKELETONEMA COSTATUM	1594560
STEPHANOPYXIS PALMERIANA	TRACE
THALASSIONEMA NITZSCHIOIDES	87360
THALASSIOSIRA DECIPIENS	19200
THALASSIOSIRA GRAVIDA	37440
THALASSIOSIRA ROTULA	96000
THALASSIOSIRA SPP.	6720
THALASSIOTHRIX FRAUNFELDII	960
THALASSIOTHRIX MEDITERRANEA	17280
UNIDENTIFIED DINOFLAGELLATES	1920
UNIDENTIFIED PENNATE	1920

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 2 DAY SAMP. 1.0 M.
SAMPLE COD DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA JAPONICA (=A. GLACIALIS)	58080
BIDDULPHIA MOBILIENSIS	1920
BIDDULPHIA SINENSIS	1440
CHAETOCEROS AFFINIS	3840
CHAETOCEROS BREVIS	1920
CHAETOCEROS COMPRESSUS	TRACE
CHAETOCEROS CURVESETUS	2400
CHAETOCEROS DECIPIENS	1920
CHAETOCEROS DIDYMUS PROTUBERANS	3360
CHAETOCEROS DIVERSUS	4800
CHAETOCEROS LORENZIANUS	TRACE
CHAETOCEROS PELAGICUS	4800
CHAETOCEROS PSEUDOCURVESETUS	4800
CHAETOCEROS SPP.	26880

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 2 DAY SAMP. 1.0 M.
SAMPLE COD DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
DITYLUM BRIGHTWELLII	46560
EUCAMPIA CORNUTA	6240
GUINARDIA FLACCIDA	TRACE
HEMIAULUS HAUCKII	1440
HEMIAULUS SINENSIS	480
LAUDERIA BOREALIS	480
LEPTOCYLINDRICUS MINIMUS	78880
NAVICULA MEMBRANACEA	TRACE
NITZSCHIA CLOSTERIUM	960
NITZSCHIA DELICATISSIMA	63840
NITZSCHIA LONGISSIMA	TRACE
NITZSCHIA PUNGENS	30720
NITZSCHIA SERIATA	3840
PERIDINIUM DEPRESSUM	TRACE
PLEUROSIGMA SPP.	480

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 2 DAY SAMP. 1.0 M.
SAMPLE COD DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENIA CALCAR AVIS	TRACE
RHIZOSOLENIA FRAGILISSIMA	2880
RHIZOSOLENIA IMBRICATA	TRACE
RHIZOSOLENIA SETIGERA	1920
RHIZOSOLENIA STOLTERFOTHII	9120
RHIZOSOLENIA STYLIFORMIS LONGISPINA	480
SKELETONEMA COSTATUM	450240
STEPHANOPYXIS PALMERIANA	TRACE
THALASSIONEMA NITZSCHIOIDES	31200
THALASSIOSIRA DECIPIENS	1044
THALASSIOSIRA FALLAX	TRACE
THALASSIOSIRA GRAVIDA	TRACE
THALASSIOSIRA ROTULA	20160
THALASSIOSIRA SPP.	5280

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 2 DAY SAMP. 1.0 M.
SAMPLE COD DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
THALASSIOSIRA SUBTILIS	3360
THALASSIOTHRIX FRAUNFELDII	480
THALASSIOTHRIX MEDITERRANEA	8640
UNIDENTIFIED CENTRIC	1440

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 2 DAY SAMP. 15.0 M.
SAMPLE COH DEPTH

GENUS SPECIES VARIETY	CELLS/L.
AMPHIPRORA SPP.	120
ASTERIONELLA JAPONICA (=A. GLACIALIS)	15480
BIDDULPHIA AURITA	1320
BIDDULPHIA MOBILIENSIS	480
BIDDULPHIA SINENSIS	120
CERATAULINA BERGONII	3120
CHAETOCEROS AFFINIS	2040
CHAETOCEROS BREVIS	2040
CHAETOCEROS COMPRESSUS	2400
CHAETOCEROS CURVESETUS	240
CHAETOCEROS DECIPIENS	3000
CHAETOCEROS DIDYMUS PROTUBERANS	840
CHAETOCEROS DIVERSUS	1440
CHAETOCEROS GRACILIS	120

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 2 DAY SAMP. 15.0 M.
SAMPLE COH DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS LACINOSUS	720
CHAETOCEROS PELAGICUS	240
CHAETOCEROS PERUVIANUS	120
CHAETOCEROS SPP.	3000
CHAETOCEROS SUBTILIS	240
DACTYLIOSOLEN MEDITERRANEUS	480
DITYLUM BRIGHTWELLII	9920
EUCAMPIA CORNUTA	360
GRAMMATOPHORA MARINA	1080
GUINARDIA FLACCIDA	360
HEMIAULUS HAUCKII	120
LAUDERIA BOREALIS	480
LEPTOCYLINDRICUS MINIMUS	720
NAVICULA MEMBRANACEA	360
NAVICULA SP.1 (DISTANS)	240

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 2 DAY SAMP. 15.0 M.
SAMPLE COH DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
NITZSCHIA CLOSTERIUM	1440
NITZSCNIA DELICATISSIMA	10560
NITZSCNIA LONGISSIMA	360
NITZSCNIA PUNGENS	9240
NITZSCNIA SERIATA	720
PERIDINIUM SPP.	240
PLEUROSIGMA SP.1	600
RHIZOSOLENIA ALATA ALATA	TRACE
RHIZOSOLENIA LONGISETA	120
RHIZOSOLENIA SETIGERA	120
RHIZOSOLENIA STOLTERFOTHII	1320
SKELETONEMA COSTATUM	104520
THALASSIONEMA NITZSCHIOIDES	1560
THALASSIOSIRA DECIPIENS	480
THALASSIOSIRA ROTULA	840

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 2 DAY SAMP. 15.0 M.
SAMPLE COH DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
THALASSIOTHRIX MEDITERRANEA	840
UNIDENTIFIED CENTRIC	240

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 3 DAY SAMP. 1.0 M.
SAMPLE CRF DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA JAPONICA (=A. GLACIALIS)	30
BACTERIASTRUM HYALINUM	132
CERATAULINA BERGONII	1980
CERATIUM BELONE	TRACE
CERATIUM CONTORTUM	TRACE
CERATIUM CONTORTUM KARSTENII	TRACE
CERATIUM FURCA	18
CERATIUM GRACILE SYMMETRICUM	6
CERATIUM HIRCUS	TRACE
CERATIUM KOFOIDII	TRACE
CERATIUM SCHMIDTII	TRACE
CHAETOCEROS BREVIS	12
CHAETOCEROS CURVESETUS	126
CHAETOCEROS DECIPIENS	198

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 3 DAY SAMP. 1.0 M.
SAMPLE CRF DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS DIDYMUS ANGLICA	18
CHAETOCEROS DIDYMUS PROTUBERANS	66
CHAETOCEROS DIVERSUS	96
CHAETOCEROS PERUVIANUS	TRACE
CHAETOCEROS SPP.	204
CLIMACODIUM BICONICAVUM	12
DACTYLIOSOLEN MEDITERRANEUS	348
DICTYOCHA FIBULA	TRACE
EUCAMPIA CORNUTA	TRACE
GONYAULAX SPP.	TRACE
GREEN FILAMENT	TRACE
GUINARDIA FLACCIDA	6
HEMIAULUS HAUCKII	12
HEMIAULUS SINENSIS	6

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 3 DAY SAMP. 1.0 M.
SAMPLE CRF DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
LEPTOCYLINDRICUS MINIMUS	720
NAVICULA MEMBRANACEA	54
NAVICULA WARWRIKAE	12
NITZSCHIA CLOSTERIUM	54
NITZSCNIA DELICATISSIMA	660
NITZSCNIA LONGISSIMA	18
NITZSCNIA PUNGENS	120
PERIDINIUM DEPRESSUM	12
PERIDINIUM SPP.	84
PODOLAMPAS SPINIFERA	TRACE
RHIZOSOLENIA ALATA ALATA	378
RHIZOSOLENIA DELICATULA	TRACE
RHIZOSOLENIA SETIGERA	TRACE
RHIZOSOLENIA STOLTERFOTHII	66
RHIZOSOLENIA STYLIFORMIS	6

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 3 DAY SAMP. 1.0 M. DEPTH

SAMPLE CRF (CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
SKELETONEMA COSTATUM	12
THALASSIONEMA NITZSCHIOIDES	30
THALASSIOTHRIX FRAUNFELDII	TRACE
THALASSIOTHRIX MEDITERRANEA	24
TRICHODESMIUM THIEBAUTII	72
UNIDENTIFIED DINOFLAGELLATES	36
UNIDENTIFIED PENNATE	48

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 3 DAY SAMP. 23.0 M.
SAMPLE CRJ DEPTH

GENUS SPECIES VARIETY	CELLS/L.
AMPHISOLENIA BIDENTATA	TRACE
ASTEROMPHALUS SPP.	TRACE
BACTERIASTPUM HYALINUM	126
CERATAULINA BERGONII	540
CERATIUM MACROCEROS GALLICUM	TRACE
CERATIUM SPP.	TRACE
CERATIUM TERES	TRACE
CERATIUM TRICHOCEROS	12
CHAETOCEROS ATLANTICUS NEOPOLITANA	12
CHAETOCEROS ATLANTICUS SKELETON	36
CHAETOCEROS COMPRESSUS	TRACE
CHAETOCEROS CURVESETUS	42
CHAETOCEROS DECIPIENS	54
CHAETOCEROS GLANDAZII	TRACE

PLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 3 DAY SAMP. 23.0 M. DEPTH
SAMPLE CRJ
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS MITRA	36
CHAETOCEROS PELAGICUS	12
CHAETOCEROS PENDULUS	TRACE
CHAETOCEROS PERUVIANUS	12
CHAETOCEROS SPP.	96
CHAETOCEROS SP.1 (SOL.)	30
COCCOLITHUS SPP.	60
CORETHRON HYSTRIX	6
DACTYLIOSOLEN MEDITERRANEUS	180
DICTYOCHA FIBULA	18
EXUVIELLA COMPRESSA	TRACE
GONYAULAX SPP.	TRACE
GREEN FILAMENT	TRACE
HEMIAULUS HAUCKII	30
HEMIAULUS MEMBRANACEOUS	18

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 3 DAY SAMP. 23.0 M. DEPTH
SAMPLE CRJ
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
LEPTOCYLINDRICUS MINIMUS	TRACE
NAVICULA SPP.	18
NITZSCHIA CLOSTERIUM	24
NITZSCHIA DELICATISSIMA	1152
NITZSCHIA PUNGENS	42
NITZSCHIA SPP.	18
PERIDINIUM SPP.	TRACE
PYROCYSTIS SPP.	TRACE
RHIZOSOLENTA ALATA ALATA	54
RHIZOSOLENIA DELICATULA	TRACE
RHIZOSOLENIA FRAGILISSIMA	TRACE
RHIZOSOLENIA STOLTERFOTHII	6
RHIZOSOLENIA STYLIFORMIS	TRACE
THALASSIONEMA NITZSCHIOIDES	24
TRICHODESMIUM THIEBAUTII	TRACE

BLM PHYTOPLANKTON DATA

SPRING TRANSECT II STATION 3 DAY SAMP. 23.0 M.
SAMPLE CRJ DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
UNIDENTIFIED DINOFLAGELLATES	30
UNIDENTIFIED PENNATE	12

BLM PHYTOPLANKTON DATA

SPRING TRANSECT III STATION 1 DAY SAMP. 1.0 M.
SAMPLE CUN DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA JAPONICA (=A. GLACIALIS)	1221
COSCINOSIRA POLYCHORDA	3053
CERATAULINA BERGONII	164
CHAETOCEROS COMPRESSUS	555
CHAETOCEROS DECIPIENS	3108
CHAETOCEROS DIVERSUS	444
CHAETOCEROS LACINOSUS	3386
CHAETOCEROS LORENZIANUS	1610
CHAETOCEROS MUELLERI	167
CHAETOCEROS PSEUDODICHAETA	4218
CHAETOCEROS SPP.	666
CHAETOCEROS SUBSECUNDUS	833
COSCINODISCUS JANISCNII	TRACE
COSCINODISCUS LINEATUS	833
COSCINODISCUS SPP.	TRACE

BLM PHYTOPLANKTON DATA

SPRING TRANSECT III STATION 1 DAY SAMP. 1.0 M.
SAMPLE CUN DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
DITYLUM BRIGHTWELLII	7826
EUCAMPIA CORNUTA	TRACE
EXUVIELLA LIMA	TRACE
GUINARDIA FLACCIDA	TRACE
LEPTOCYLINDRICUS MINIMUS	9713
LITHODESMIUM UNDULATUM	TRACE
NITZSCHIA DELICATISSIMA	333
NITZSCHIA PUNGENS	18870
PERIDINIUM SPP.	TRACE
PLEUROSIGMA SP.1	555
PLEUROSIGMA SP.1	TRACE
PROROCENTRUM MICANS	TRACE
RHIZOSOLENTA ALATA ALATA	TRACE
RHIZOSOLENIA DELICATULA	4440
RHIZOSOLENIA HEBETATA SEMISPINA	TRACE

BLM PHYTOPLANKTON DATA

SPRING TRANSECT III STATION 1 DAY SAMP. 1.0 M.
SAMPLE CUN DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENIA STOLTERFOTHII	2775
SKELETONEMA COSTATUM	4607
THALASSIONEMA NITZSCHIOIDES	3330
THALASSIOSIRA GRAVIDA	3164
THALASSIOSIRA ROTULA	1443
THALASSIOSIRA SUBTILIS	722
THALASSIOTHRIX MEDITERRANEA	222
UNIDENTIFIED CENTRIC	222

BLM PHYTOPLANKTON DATA

SPRING TRANSECT III STATION 1 DAY SAMP. 7.5 M.
SAMPLE CUR DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA JAPONICA (=A. GLACIALIS)	1632
BIDDULPHIA MOBILIENSIS	TRACE
COSCINOSIRA POLYCHORDA	311
CERATAULINA BERGONII	44
CHAETOCEROS COMPRESSUS	111
CHAETOCEROS DECIPIENS	233
CHAETOCEROS DIVERSUS	122
CHAETOCEROS LACINOSUS	910
CHAETOCEROS LORENZIANUS	477
CHAETOCEROS MUELLERI	67
CHAETOCEROS PSEUDOCURVESETUS	688
CHAETOCEROS PSEUDODICHAETA	511
CHAETOCEROS SPP.	99
CHAETOCEROS SUBSECUNDUS	133
COSCINODISCUS LINEATUS	100

BLM PHYTOPLANKTON DATA

SPRING TRANSECT III STATION 1 DAY SAMP. 7.5 M.
SAMPLE CUR DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
DITYLUM BRIGHTWELLII	2120
DITYLUM SOL	TRACE
EUCAMPIA ZOODIACUS	TRACE
GUINARDIA FLACCIDA	TRACE
HEMIAULUS HAUCKII	TRACE
LEPTOCYLINDRICUS MINIMUS	1920
NAVICULA MEMBRANACEA	67
NAVICULA SPP.	78
NITZSCHIA DELICATISSIMA	100
NITZSCHIA PUNGENS	4207
PLEUROSIGMA SP.1	TRACE
RHIZOSOLENTA ALATA ALATA	33
RHIZOSOLENIA DELICATULA	622
RHIZOSOLENIA STOLTERFOTHII	377
SCHRODERELLA DELICATULA	78

BLM PHYTOPLANKTON DATA

SPRING TRANSECT III STATION 1 DAY SAMP. 7.5 M.
SAMPLE CUR DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
SKELETONEMA COSTATUM	366
STRIATELLA UNIPUNCTATA	TRACE
SURRIELLA CUNEATA	TRACE
THALASSIONEMA NITZSCHIOIDES	1087
THALASSIOSIRA GRAVIDA	1077
THALASSIOSIRA ROTULA	78
THALASSIOSIRA ROTULA	211
THALASSIOTHRIX FRAUNFELDII	TRACE
THALASSIOTHRIX MEDITERRANEA	56

BLM PHYTOPLANKTON DATA

SPRING TRANSECT III STATION 2 DAY SAMP. 1.0 M.
SAMPLE CYN DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA JAPONICA (=A. GLACIALIS)	1248
ASTEROMPHALUS HEPTACTIS	24
BACTERIASTPUM HYALINUM	24
BIDDULPHIA MOBILIENSIS	24
BIDDULPHIA SINENSIS	24
COSCINOSIPA SPP.	TRACE
CERATAULINA BERGONII	2136
CERATIUM HIRCUS	48
CHAETOCEROS AFFINIS	312
CHAETOCEROS BREVIS	TRACE
CHAETOCEROS CURVESETUS	240
CHAETOCEROS DECIPIENS	1296
CHAETOCEROS DIDYMUS PROTUBERANS	96
CHAETOCEROS DIVERSUS	120

BLM PHYTOPLANKTON DATA

SPRING TRANSECT III STATION 2 DAY SAMP. 1.0 M.
SAMPLE CYN DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS LACINOSUS	336
CHAETOCEROS MITRA	192
CHAETOCEROS PELAGICUS	TRACE
CHAETOCEROS PERUVIANUS	24
CHAETOCEROS SIMPLEX CALCITRANS	24
CHAETOCEROS SPP.	1200
COSCINODISCUS LINEATUS	TRACE
COSCINODISCUS RADIATUS	TRACE
DACTYLIOSOLEN MEDITERRANEUS	96
DITYLUM BRIGHTWELLII	168
GONYAULAX SPP.	24
GUINARDIA FLACCIDA	24
HEMIAULUS HAUCKII	TRACE
LAUDERIA BOREALIS	TRACE
LEPTOCYLINDRICUS MINIMUS	480

BLM PHYTOPLANKTON DATA

SPRING TRANSECT III STATION 2 DAY SAMP. 1.0 M.
SAMPLE CYN DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
NAVICULA MEMBRANACEA	96
NITZSCHIA CLOSTERIUM	72
NITZSCNIA DELICATISSIMA	3144
NITZSCNIA PUNGENS	600
NITZSCNIA SERIATA	144
PERIDINIUM SPP.	48
PLEUROSIGMA SPP.	TRACE
PYROCYSTIS SPP.	TRACE
RHIZOSOLENTA ALATA ALATA	360
RHIZOSOLENIA CALCAR AVIS	72
RHIZOSOLENIA FRAGILISSIMA	TRACE
RHIZOSOLENIA IMBRICATA SHRUBSOLEI	72
RHIZOSOLENIA SETIGERA	24
RHIZOSOLENIA STOLTERFOTHII	120

BLM PHYTOPLANKTON DATA

SPRING TRANSECT III STATION 2 DAY SAMP. 1.0 M.
SAMPLE CYN DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
SKELETONEMA COSTATUM	816
THALASSIONEMA NITZSCHIOIDES	120
THALASSIOSIRA DECIPIENS	120
THALASSIOTHRIX FRAUNFELDII	72
THALASSIOTHRIX MEDITERRANEA	168
TRICHODESMIUM THIEBAUTII	120
UNIDENTIFIED DINOFLAGELLATES	24
UNIDENTIFIED PENNATE	48

BLM PHYTOPLANKTON DATA

SPRING TRANSECT III STATION 2 DAY SAMP. 23.0 M.
SAMPLE CYR DEPTH

GENUS SPECIES VARIETY	CELLS/L.
AMPHISOLENIA BIDENTATA	12
ASTERIONELLA JAPONICA (=A. GLACIALIS)	60
ASTEROMPHALUS HEPTACTIS	12
BACTERIASTPUM HYALINUM	84
CERATAULINA BERGONII	1128
CERATIUM ARCUATUM	TRACE
CERATIUM TERES	36
CHAETOCEROS AFFINIS	36
CHAETOCEROS BREVIS	120
CHAETOCEROS CURVESETUS	576
CHAETOCEROS DECIPIENS	588
CHAETOCEROS DIDYMUS PROTUBERANS	72
CHAETOCEROS DIVERSUS	60
CHAETOCEROS FURCELLATUS	156

BLM PHYTOPLANKTON DATA

SPRING TRANSECT III STATION 2 DAY SAMP. 23.0 M.
SAMPLE CYR DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS GLANDAZII	12
CHAETOCEROS GRACILIS	24
CHAETOCEROS LACINOSUS	156
CHAETOCEROS MESSANENSIS	TRACE
CHAETOCEROS PELAGICUS	84
CHAETOCEROS PERUVIANUS	12
CHAETOCEROS PSEUDOCRINITUS	TRACE
CHAETOCEROS SPP.	TRACE
DACTYLIOSOLEN MEDITERRANEUS	300
HEMIAULUS HAUCKII	48
HEMIAULUS MEMBRANACEOUS	12
LEPTOCYLINDRICUS MINIMUS	144
NAVICULA MEMBRANACEA	12
NAVICULA SPP.	24
NITZSCHIA DELICATISSIMA	1896

BLM PHYTOPLANKTON DATA

SPRING TRANSECT III STATION 2 DAY SAMP. 23.0 M.
SAMPLE CYR DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
NITZSCHIA PUNGENS	288
PERIDINIUM SPP.	12
RHIZOSOLENTA ALATA ALATA	24
RHIZOSOLENIA DELICATULA	72
RHIZOSOLENIA IMBRICATA SHRUBSOLEI	12
RHIZOSOLENIA SETIGERA	12
RHIZOSOLENIA STOLTERFOTHII	48
SKELETONEMA COSTATUM	24
THALASSIONEMA NITZSCHIOIDES	108
THALASSIOSIRA ROTULA	12
THALASSIOTHRIX FRAUNFELDII	132
THALASSIOTHRIX MEDITERRANEA	120
TRICHODESMIUM THIEBAUTII	72

BLM PHYTOPLANKTON DATA

SPRING TRANSECT III STATION 3 DAY SAMP. 1.0 M.
SAMPLE DBN DEPTH

GENUS SPECIES VARIETY	CELLS/L.
CERATAULINA BERGONII	321
CHAETOCEROS DECIPIENS	255
CHAETOCEROS DIVERSUS	TRACE
CHAETOCEROS LACINIOSUS	443
CHAETOCEROS PERUVIANUS	TRACE
CHAETOCEROS PSEUDODICHAETA	33
CHAETOCEROS SUBSECUNDUS	22
COSCINODISCUS SPP.	33
DACTYLIOSOLEN MEDITERRANEUS	305
GUINARDIA FLACCIDA	TRACE
HEMIAULUS HAUCKII	22
LEPTOCYLINDRICUS DANICUS	3285
LEPTOCYLINDRICUS MINIMUS	155
NAVICULA SPP.	TRACE
NITZSCHIA CLOSTERIUM	TRACE

BLM PHYTOPLANKTON DATA

SPRING TRANSECT III STATION 3 DAY SAMP. 1.0 M.
SAMPLE DRN DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
NITZSCNIA DELICATISSIMA	3800
PERIDINIUM SPP.	TRACE
RHIZOSOLENTA ALATA ALATA	244
RHIZOSOLENIA STOLTERFOTHII	TRACE
STRIATELLA UNIPUNCTATA	TRACE
THALASSIONEMA NITZSCHIOIDES	50
THALASSIOTHRIX MEDITERRANEA	17
UNIDENTIFIED CENTRIC	33

BLM PHYTOPLANKTON DATA

SPRING TRANSECT III STATION 3 DAY SAMP. 19.0 M.
SAMPLE DBR DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTPUM HYALINUM	100
CERATAULINA BERGONII	261
CHAETOCEROS ATLANTICUS	TRACE
CHAETOCEROS COMPRESSUS	61
CHAETOCEROS DECIPIENS	427
CHAETOCEROS DIDYMUS PROTUBERANS	28
CHAETOCEROS LACINOSUS	877
CHAETOCEROS LORENZIANUS	56
CHAETOCEROS MITRA	122
CHAETOCEROS MUELLERI	22
CHAETOCEROS PELAGICUS	89
CHAETOCEROS PERUVIANUS	17
CHAETOCEROS PSEUDODICHAETA	67
COSCINODISCUS SPP.	261
DACTYLIOSOLEN ANTARCTICUS	139

BLM PHYTOPLANKTON DATA

SPRING TRANSECT III STATION 3 DAY SAMP. 19.0 M.
SAMPLE DBR DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
DACTYLIOSOLEN MEDITERRANEUS	33
DITYLUM SOL	139
GUINARDIA FLACCIDA	17
HEMIAULUS HAUCKII	205
HEMIAULUS MEMBRANACEOUS	22
LEPTOCYLINDRICUS DANICUS	1682
LEPTOCYLINDRICUS MINIMUS	117
NAVICULA MEMBRANACEA	44
NITZSCHIA CLOSTERIUM	28
NITZSCNIA DELICATISSIMA	1332
NITZSCNIA SERIATA	72
PLEUROSIGMA SPP.	TRACE
RHIZOSOLENTA ALATA ALATA	122
RHIZOSOLENIA STOLTERFOTHII	105
THALASSIONEMA NITZSCHIOIDES	144

RLM PHYTOPLANKTON DATA

SPRING TRANSECT III STATION 3 DAY SAMP. 19.0 M.
SAMPLE DBR DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
THALASSIOTHRIX MEDITERRANEA	17
UNIDENTIFIED PENNATE	TRACE

BLM PHYTOPLANKTON DATA

SPRING TRANSECT IV STATION 1 DAY SAMP. 1.0 M.
SAMPLE DEL DEPTH

GENUS SPECIES VARIETY	CELLS/L.
CERATAULINA BERGONII	240
CERATIUM HIRCUS	TRACE
CHAETOCEROS BREVIS	TRACE
CHAETOCEROS CURVESETUS	72
CHAETOCEROS SPP.	24
COSCINODISCUS LINEATUS	12
DICTYOCHA FIBULA	12
DITYLUM BRIGHTWELLII	24
EUCAMPIA CORNUTA	12
EUCAMPIA ZOODIACUS	12
GONYAULAX SPP.	420
LEPTOCYLINDRICUS MINIMUS	24
NITZSCHIA CLOSTERIUM	12
NITZSCNIA DELICATISSIMA	72
NITZSCNIA LONGISSIMA	12

BLM PHYTOPLANKTON DATA

SPRING TRANSECT IV STATION 1 DAY SAMP. 1.0 M.
SAMPLE DEL DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
NITZSCHIA PUNGENS	36
PERIDINIUM OCEANICUM	12
PERIDINIUM SPP.	108
PROROCENTRUM MICANS	12
RHIZOSOLENIA FRAGILISSIMA	36
RHIZOSOLENIA SETIGERA	12
RHIZOSOLENIA STOLTERFOTHII	12
SKELETONEMA COSTATUM	1428
THALASSIOTHRIX FRAUNFELDII	24
TRICHODESMIUM THIEBAUTII	252
UNIDENTIFIED DINOFLAGELLATES	108
UNIDENTIFIED PENNATE	48

BLM PHYTOPLANKTON DATA

SPRING TRANSECT IV STATION 1 DAY SAMP. 14.0 M.
SAMPLE DEP DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA JAPONICA (=A. GLACIALIS)	59760
BIDDULPHIA AURITA	TRACE
BIDDULPHIA MOBILIENSIS	TRACE
BIDDULPHIA SINENSIS	TRACE
CERATAULINA BERGONII	2160
CERATIUM FURCA	TRACE
CERATIUM SPP.	TRACE
CERATAULUS SPP.	TRACE
CHAETOCEROS AFFINIS	240
CHAETOCEROS BREVIS	TRACE
CHAETOCEROS CURVESETUS	TRACE
CHAETOCEROS DECIPIENS	TRACE
CHAETOCEROS DIDYMUS PROTURERANS	480
CHAETOCEROS PSEUDOCURVESETUS	TRACE

BLM PHYTOPLANKTON DATA

SPRING TRANSECT IV STATION 1 DAY SAMP. 14.0 M. DEPTH

SAMPLE DEP (CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS SPP.	4320
CHAETOCEROS SUBSECUNDUS	TRACE
COSCINODISCUS LINEATUS	TRACE
COSCINODISCUS RADIATUS	TRACE
DITYLUM BRIGHTWELLII	6480
EUCAMPIA ZOODIACUS	TRACE
EXUVIELLA SPP.	TRACE
GUINARDIA FLACCIDA	6480
HEMIAULUS HAUCKII	TRACE
LAUDERIA BOREALIS	TRACE
LITHODESMIUM UNDULATUM	TRACE
MELOSIRA SPP.	TRACE
NAVICULA MEMBRANACEA	TRACE
NAVICULA SPP.	TRACE
NITZSCHIA CLOSTERIUM	720

BLM PHYTOPLANKTON DATA

SPRING TRANSECT IV STATION 1 DAY SAMP. 14.0 M.
SAMPLE DEP DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
NITZSCNIA DELICATISSIMA	1440
NITZSCNIA PUNGENS	1680
NITZSCNIA SERIATA	720
PLEUROSIGMA SPP.	480
PROROCENTRUM GRACILE	TRACE
RHIZOSOLENIA SETIGERA	1200
RHIZOSOLENIA STOLTERFOTHII	480
SKELETONEMA COSTATUM	126720
THALASSIONEMA NITZSCHIOIDES	720
THALASSIOSIRA DECIPIENS	240
THALASSIOSIRA GRAVIDA	TRACE
THALASSIOSIRA ROTULA	240
THALASSIOTHRIX FRAUNFELDII	480

BLM PHYTOPLANKTON DATA

SPRING TRANSECT 1V STATION 2 DAY SAMP. 1.0 M.
SAMPLE DHK DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA JAPONICA (=A. GLACIALIS)	1920
COSCINOSIRA OESTRUPII	TRACE
CERATAULINA BERGONII	40000
CERATIUM FURCA	TRACE
CERATIUM GRACILE SYMMETRICUM	TRACE
CERATIUM HIRCUS	TRACE
CHAETOCEROS AFFINIS	960
CHAETOCEROS BREVIS	28320
CHAETOCEROS COMPRESSUS	10080
CHAETOCEROS CURVESETUS	6720
CHAETOCEROS DECIPIENS	16800
CHAETOCEROS DIDYMUS ANGLICA	1920
CHAETOCEROS DIVERSUS	2880
CHAETOCEROS LACINOSUS	11520

BLM PHYTOPLANKTON DATA

SPRING TRANSECT IV STATION 2 DAY SAMP. 1.0 M.
SAMPLE DHK DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS MITRA	40800
CHAETOCEROS PELAGICUS	14400
CHAETOCEROS PERUVIANUS	TRACE
CHAETOCEROS PSEUDOCRINITUS	5280
CHAETOCEROS SOCIALIS	31680
CHAETOCEROS SPP.	42720
CHAETOCEROS TETRASTICHON	5280
DACTYLIOSOLEN MEDITERRANEUS	960
DINOPHYSIS CAUDATA PEDUNCULATA	960
DITYLUM BRIGHTWELLII	480
EUCAMPIA CORNUTA	3840
GONYODOMA SPP.	TRACE
GUINARDIA FLACCIDA	TRACE
HEMIAULUS HAUCKII	480
HEMIAULUS SINENSIS	TRACE

BLM PHYTOPLANKTON DATA

SPRING TRANSECT IV STATION 2 DAY SAMP. 1.0 M.
SAMPLE DHK DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
LEPTOCYLINDRICUS DANICUS	38720
LEPTOCYLINDRICUS MINIMUS	5360
NAVICULA MEMBRANACEA	960
NITZSCHIA DELICATISSIMA	52320
NITZSCHIA PUNGENS	93120
NITZSCHIA SERIATA	14400
PERIDINIUM SPP.	TRACE
PLEUROSIGMA SPP.	480
RHIZOSOLENTA ALATA ALATA	1440
RHIZOSOLENIA DELICATULA	TRACE
RHIZOSOLENIA FRAGILISSIMA	2400
RHIZOSOLENIA SETIGERA	2400
RHIZOSOLENIA STOLTERFOTHII	5700
RHIZOSOLENIA STYLIFORMIS	480
SKELETONEMA COSTATUM	32640

BLM PHYTOPLANKTON DATA

SPRING TRANSECT IV STATION 2 DAY SAMP. 1.0 M.
SAMPLE DHK DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
THALASSIONEMA NITZSCHIOIDES	17760
THALASSIOSIRA DECIPIENS	TRACE
THALASSIOSIRA GRAVIDA	TRACE
THALASSIOSIRA ROTULA	TRACE
THALASSIOTHRIX MEDITERRANEA	13440
UNIDENTIFIED DINOFLAGELLATES	480
UNIDENTIFIED PENNATE	480

BLM PHYTOPLANKTON DATA

SPRING TRANSECT IV STATION 2 DAY SAMP. 11.0 M.
SAMPLE DHO DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA JAPONICA (=A. GLACIALIS)	360
BIDDULPHIA MOBILIENSIS	120
COSCINOSIRA OESTRUPII	1200
CERATAULINA BERGONII	4200
CHAETOCEROS AFFINIS	960
CHAETOCEROS BREVIS	1920
CHAETOCEROS COMPRESSUS	3240
CHAETOCEROS CURVESETUS	28800
CHAETOCEROS DECIPIENS	2880
CHAETOCEROS DIDYMUS PROTUBERANS	3360
CHAETOCEROS GRACILIS	240
CHAETOCEROS LACINOSUS	360
CHAETOCEROS LORENZIANUS	240
CHAETOCEROS PSEUDOCRINITUS	1200

BLM PHYTOPLANKTON DATA

SPRING TRANSECT IV STATION 2 DAY SAMP. 11.0 M.
SAMPLE DHO DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS PSEUDOCURVESETUS	1800
CHAETOCEROS SPP.	9120
CHAETOCEROS TETRASTICHON	360
COSCINODISCUS RADIATUS	120
DITYLUM BRIGHTWELLII	840
EUCAMPIA CORNUTA	600
EUCAMPIA ZOODIACUS	3120
GUINARDIA FLACCIDA	240
HEMIAULUS HAUCKII	240
LAUDERIA BOREALIS	120
LEPTOCYLINDRICUS MINIMUS	720
NAVICULA MEMBRANACEA	TRACE
NITZSCHIA DELICATISSIMA	3960
NITZSCHIA PUNGENS	3240
NITZSCHIA SERIATA	1320

BLM PHYTOPLANKTON DATA

SPRING TRANSECT IV STATION 2 DAY SAMP. 11.0 M.
SAMPLE DHO DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
PLEUROSIGMA SPP.	120
RHIZOSOLENTA ALATA ALATA	240
RHIZOSOLENIA IMBRICATA SHRUBSOLEI	120
RHIZOSOLENIA SETIGERA	1560
RHIZOSOLENIA STOLTERFOTHII	3840
SCHRODERELLA DELICATULA	360
SKELETONEMA COSTATUM	18720
THALASSIONEMA NITZSCHIOIDES	480
THALASSIOSIRA DECIPIENS	240
THALASSIOSIRA GRAVIDA	240
THALASSIOSIRA ROTULA	120
THALASSIOTHRIX MEDITERRANEA	120
UNIDENTIFIED CENTRIC	120

BLM PHYTOPLANKTON DATA

SPRING TRANSECT IV STATION 3 DAY SAMP. 1.0 M.
SAMPLE DKP DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BIDDULPHIA MOBILIENSIS	TRACE
COSCINOSIRA OESTRUPII	44
CERATIUM SPP.	TRACE
CHAETOCEROS DECIPIENS	25
CHAETOCEROS DIVERSUS	TRACE
CHAETOCEROS LACINOSUS	33
CHAETOCEROS LORENZIANUS	44
CHAETOCEROS MITRA	37
CHAETOCEROS PERUVIANUS	TRACE
COSCINODISCUS LINEATUS	TRACE
COSCINODISCUS SPP.	22
DITYLUM BRIGHTWELLII	22
EXUVIELLA SPP.	TRACE
GUINARDIA FLACCIDA	TRACE
HEMIAULUS HAUCKII	33

BLM PHYTOPLANKTON DATA

SPRING TRANSECT IV STATION 3 DAY SAMP. 1.0 M.
SAMPLE DKP DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
HEMIAULUS MEMBRANACEOUS	TRACE
LEPTOCYLINDRICUS DANICUS	1185
LEPTOCYLINDRICUS MINIMUS	30
NAVICULA MEMBRANACEA	TRACE
NAVICULA SPP.	TRACE
NITZSCHIA DELICATISSIMA	1506
NITZSCHIA LONGISSIMA	TRACE
NITZSCHIA SERIATA	22
PERIDINIUM SPP.	37
PROROCENTRUM GRACILE	TRACE
PROROCENTRUM MICANS	TRACE
RHIZOSOLENIA ALATA ALATA	29
RHIZOSOLENIA STOLTERFOTHII	26
SKELETONEMA COSTATUM	59
SURRIELLA CUNEATA	TRACE

RLM PHYTOPLANKTON DATA

SPRING TRANSECT IV STATION 3 DAY SAMP. 1.0 M.
SAMPLE DKP DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
THALASSIONEMA NITZSCHIOIDES	85
THALASSIOTHRIX MEDITERRANEA	56
UNIDENTIFIED CENTRIC	TRACE
UNIDENTIFIED PENNATE	19

BLM PHYTOPLANKTON DATA

SPRING TRANSECT IV STATION 3 DAY SAMP. 17.0 M.
SAMPLE DKT DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTPUM HYALINUM	31
BIDDULPHIA MOBILIENSIS	TRACE
CERATIUM MACROCEROS GALLICUM	TRACE
CHAETOCEROS COMPRESSUS	36
CHAETOCEROS DECIPIENS	28
CHAETOCEROS LACINOSUS	73
CHAETOCEROS LORENZIANUS	28
CHAETOCEROS MUELLERI	TRACE
CHAETOCEROS PELAGICUS	53
CHAETOCEROS PSEUDOCURVESETUS	36
CHAETOCEROS SIMPLEX	TRACE
DACTYLIOSOLEN ANTARCTICUS	TRACE
DACTYLIOSOLEN MEDITERRANEUS	109
DINOPHYSIS CAUDATA PEDUNCULATA	TRACE

OLM PHYTOPLANKTON DATA

SPRING TRANSECT IV STATION 3 DAY SAMP. 17.0 M.
SAMPLE DKT DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
DITYLUM BRIGHTWELLII	14
GUINARDIA FLACCIDA	TRACE
GYMNODINIUM HETEROSTRIATUM	25
HEMIAULUS HAUCKII	31
HEMIAULUS MEMBRANACEOUS	17
LEPTOCYLINDRICUS DANICUS	42
NAVICULA MEMBRANACEA	TRACE
NITZSCHIA DELICATISSIMA	367
NITZSCHIA SERIATA	31
PERIDINIUM SPP.	23
RHIZOSOLENIA ALATA ALATA	17
SKELETONEMA COSTATUM	56
THALASSIONEMA NITZSCHIOIDES	20
THALASSIOTHRIX FRAUNFELDII	14
UNIDENTIFIED CENTRIC	20

BLM PHYTOPLANKTON DATA

SPRING TRANSECT IV STATION 3 DAY SAMP. 17.0 M.
SAMPLE DKT DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
UNIDENTIFIED PENNATE	25

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT I STATION 1 DAY SAMP. 1.0 M.
SAMPLE EBL DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACILLARIA PARADOXA	777
BACTERIASTPUM HYALINUM	1000
CERATIUM MACROCEROS GALLICUM	TRACE
CHAETOCEROS AFFINIS	777
CHAETOCEROS COMPRESSUS	1887
CHAETOCEROS CURVESETUS	7599
CHAETOCEROS DEBILIS	3885
CHAETOCEROS DECIPIENS	15540
CHAETOCEROS DIDYMUS ANGLICA	444
CHAETOCEROS DIVERSUS	44067
CHAETOCEROS GRACILIS	3996
CHAETOCEROS LACINOSUS	23085
CHAETOCEROS LORENZIANUS	777
CHAETOCEROS SIMPLEX	2220

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT I STATION 1 DAY SAMP. 1.0 M.
SAMPLE EBL DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS SPP.	11766
CORETHRON HYSTRIX	TRACE
COSCINODISCUS SPP.	333
DICTYOCHA FIBULA	222
DIPLONEIS SPP.	444
DITYLUM BRIGHTWELLII	TRACE
EUCAMPIA CORNUTA	TRACE
GUINARDIA FLACCIDA	777
HEMIAULUS HAUCKII	1000
LEPTOCYLINDRICUS DANICUS	TRACE
NAVICULA MEMBRANACEA	222
NITZSCNIA LONGISSIMA	666
PERIDINIUM SPP.	777
PLEUROSIGMA SPP.	TRACE
RHIZOSOLENIA ALATA GRACILLIMA	333

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT I STATION 1 DAY SAMP. 1.0 M.
SAMPLE EBL DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENIA CALCAR AVIS	666
RHIZOSOLENIA DELICATULA	333
RHIZOSOLENIA FRAGILISSIMA	555
RHIZOSOLENIA HEBETATA SEMISPINA	3336
RHIZOSOLENIA STOLTERFOTHII	333
SKELETONEMA COSTATUM	444
SURRIELLA CUNEATA	222
THALASSIONEMA NITZSCHIOIDES	5328
THALASSIOSIRA GRAVIDA	888
THALASSIOTHRIX FRAUNFELDII	1221
TRICHODESMIUM THIEBAUTII	333
UNIDENTIFIED CENTRIC	222
UNIDENTIFIED DINOFLAGELLATES	1221

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT I STATION 1 DAY SAMP. 7.5 M.
SAMPLE EBP DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA GLACIALIS	148
BACTERIASTPUM HYALINUM	1148
BIDDULPHIA REGIA	222
CHAETOCEROS COMPRESSUS	777
CHAETOCEROS CURVESETUS	2701
CHAETOCEROS DECIPIENS	1147
CHAETOCEROS DIVERSUS	9879
CHAETOCEROS GRACILIS	851
CHAETOCEROS LACINOSUS	3293
CHAETOCEROS LORENZIANUS	185
CHAETOCEROS SIMPLEX	259
CHAETOCEROS SPP.	1887
CORETHRON HYSTRIX	TRACE
COSCINODISCUS SPP.	370
DICTYOCHA FIBULA	TRACE

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT 1 STATION 1 DAY SAMP. 7.5 M.
SAMPLE EBP DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
DITYLUM BRIGHTWELLII	74
GUINARDIA FLACCIDA	370
HEMIAULUS HAUCKII	TRACE
HEMIDISCUS CUNIEFORMIS	TRACE
NAVICULA MEMBRANACEA	74
NAVICULA SPP.	111
NITZSCHIA CLOSTERIUM	TRACE
NITZSCNIA LONGISSIMA	1813
NITZSCNIA SERIATA	703
PERIDINIUM SPP.	TRACE
PLEUROSIGMA SPP.	TRACE
RHIZOSOLENIA ALATA GRACILLIMA	370
RHIZOSOLENIA DELICATULA	185
RHIZOSOLENIA FRAGILISSIMA	74
RHIZOSOLENIA HEBETATA SEMISPINA	259

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT I STATION 1 DAY SAMP. 7.5 M.
SAMPLE ERP DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENIA STOLTERFOTHII	777
SKELETONEMA COSTATUM	592
SURRIELLA CUNEATA	296
THALASSIONEMA NITZSCHIOIDES	1850
THALASSIOSIRA ROTULA	74
THALASSIOSIRA SUBTILIS	259
THALASSIOTHRIX FRAUNFELDII	592
TRICHODESMIUM THIEBAUTII	74
UNIDENTIFIED CENTRIC	74
UNIDENTIFIED PENNATE	74

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT I STATION 2 DAY SAMP. 1.0 M.
SAMPLE EEQ DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTRUM DELICATULUM	TRACE
CERATIUM KOFOIDII	TRACE
CERATIUM PENTAGONUM	TRACE
CHAETOCEROS DADAYI	7
CHAETOCEROS SPP.	TRACE
DITYLUM BRIGHTWELLII	TRACE
HEMIAULUS HAUCKII	TRACE
PERIDINIUM CERASUS	TRACE
PHALACHROMA SP.1 (ROTUNDATA)	TRACE
PLEUROSIGMA SPP.	TRACE
RHIZOSOLENIA ALATA GRACILLIMA	15
RHIZOSOLENIA HEBETATA SEMISPINA	7
THALASSIONEMA NITZSCHIOIDES	11
THALASSIOSIRA SPP.	9

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT I STATION 2 DAY SAMP. 1.0 M.
SAMPLE EEQ DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
TRICHODESMIUM HILDEBRANDII	TRACE
TRICHODESMIUM THIEBAUTII	9
UNIDENTIFIED CENTRIC	7
UNIDENTIFIED PENNATE	7

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT I STATION 2 DAY SAMP. 20.0 M.
SAMPLE EEU DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA SP.1 (JAPONICA)	11
CERATIUM FURCA	TRACE
CHAETOCEROS DADAYI	33
CHAETOCEROS LORENZIANUS	13
COSCINODISCUS ASTEROMPHALUS	TRACE
GUINARDIA FLACCIDA	TRACE
LEPTOCYLINDRICUS DANICUS	24
NITZSCHIA CLOSTERIUM	TRACE
NITZSCNIA DELICATISSIMA	9
PERIDINIUM SPP.	TRACE
PLEUROSIGMA SPP.	TRACE
RHIZOSOLENIA ALATA GRACILLIMA	13
RHIZOSOLENIA HEBETATA SEMISPINA	11
SKELETONEMA COSTATUM	26

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT I STATION 2 DAY SAMP. 20.0 M.
SAMPLE EEU DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
THALASSIONEMA NITZSCHIOIDES	26
THALASSIOSIRA SPP.	18
TRICHODESMIUM HILDEBRANDII	TRACE
TRICHODESMIUM THIEBAUTII	TRACE
UNIDENTIFIED DINOFLAGELLATES	TRACE

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT I STATION 3 DAY SAMP. 1.0 M.
SAMPLE EHU DEPTH

GENUS SPECIES VARIETY	CELLS/L.
CERATIUM MACROCEROS GALLICUM	TRACE
CERATIUM PENTAGONUM	16
COSCINODISCUS RADIATUS	9
LAUDERIA BOREALIS	13
NAVICULA SPP.	TRACE
NITZSCHIA CLOSTERIUM	TRACE
NITZSCNIA SERIATA	TRACE
PYROCYSTIS NOCTILUCA	TRACE
RHIZOSOLENIA ALATA GRACILLIMA	11
RHIZOSOLENIA HEBETATA SEMISPINA	TRACE
THALASSIONEMA NITZSCHIOIDES	TRACE
THALASSIOSIRA SPP.	20

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT I STATION 3 DAY SAMP. 20.0 M.
SAMPLE EHY DEPTH

GENUS SPECIES VARIETY	CELLS/L.
CAMPYLODISCUS SPP.	TRACE
CERATIUM FUSUS	TRACE
CERATIUM MACROCEROS GALLICUM	TRACE
CERATIUM PENTAGONUM	8
CHAETOCEROS DADAYI	6
CHAETOCEROS LORENZIANUS	TRACE
CHAETOCEROS PERUVIANUS	TRACE
CHAETOCEROS SPP.	TRACE
LEPTOCYLINDRICUS DANICUS	TRACE
PERIDINIUM CERASUS	TRACE
PODOLAMPAS SPP.	TRACE
RHIZOSOLENIA ALATA GRACILLIMA	9
RHIZOSOLENIA HEBETATA SEMISPINA	TRACE
TRICHODESMIUM THIEBAUTII	TRACE

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT II STATION 1 DAY SAMP. 1.0 M.
SAMPLE ELA DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA JAPONICA (=A. GLACIALIS)	18
ASTEROMPHALUS SPP.	TRACE
BACTERIASTPUM HYALINUM	198
BIDDULPHIA SINENSIS	30
COSCINOSIRA OESTRUPII	78
CERATAULINA BERGONII	12
CERATIUM FURCA	TRACE
CERATIUM FUSUS	TRACE
CERATIUM LONGINUM	TRACE
CHAETOCEROS BREVIS	54
CHAETOCEROS CURVESETUS	366
CHAETOCEROS DECIPIENS	36
CHAETOCEROS DIVERSUS	402
CHAETOCEROS LACINOSUS	12
CHAETOCEROS SPP.	180

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT II STATION 1 DAY SAMP. 1.0 M.
SAMPLE ELA DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS SP.2 (SIMPLEX)	24
CORETHRON HYSTRIX	30
COSCINODISCUS CONCINNUS	30
COSCINODISCUS RADIATUS	174
COSCINODISCUS SPP.	108
DACTYLIOSOLEN MEDITERRANEUS	60
DINOPHYSIS CAUDATA PEDUNCULATA	18
DITYLUM BRIGHTWELLII	12
GONYAULAX SPP.	30
HEMIAULUS MEMBRANACEOUS	TRACE
HEMIDISCUS HARDMANIANUS	162
LEPTOCYLINDRICUS DANICUS	TRACE
NITZSCHIA CLOSTERIUM	12
NITZSCNIA DELICATISSIMA	1434

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT II STATION 1 DAY SAMP. 1.0 M.
SAMPLE ELA DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
NITZSCNIA SERIATA	96
NITZSCNIA SPP.	18
PERIDINIUM SPP.	TRACE
PROROCENTRUM MICANS	TRACE
RHIZOSOLENIA ACUMINATA	TRACE
RHIZOSOLENIA CALCAR AVIS	12
RHIZOSOLENIA DELICATULA	12
RHIZOSOLENIA ROBUSTA	12
RHIZOSOLENIA STYLIFORMIS LONGISPINA	18
THALASSIONEMA NITZSCHIOIDES	234
THALASSIOSIRA SUBTILIS	12
TRICHODESMIUM THIEBAUTII	222
UNIDENTIFIED CENTRIC	18
UNIDENTIFIED DINOFLAGELLATES	18

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT II STATION 1 DAY SAMP. 1.0 M.
SAMPLE ELA DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
UNIDENTIFIED PENNATE	66

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT II STATION 1 DAY SAMP. 11.0 M.
SAMPLE ELE DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTEROMPHALUS CLEVEANUS	168
BACTERIASTPUM HYALINUM	1800
BIDDULPHIA SINENSIS	96
COSCINOSIRA OESTRUPII	96
CERATAULINA BERGONII	144
CERATAULINA COMPACTA	264
CERATIUM TERES	24
CHAETOCEROS BREVIS	192
CHAETOCEROS COMPRESSUS	312
CHAETOCEROS CURVESETUS	16176
CHAETOCEROS DECIPIENS	648
CHAETOCEROS DIVERSUS	3240
CHAETOCEROS LACINOSUS	360
CHAETOCEROS PELAGICUS	24
CHAETOCEROS SPP.	288

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT II STATION 1 DAY SAMP. 11.0 M. DEPTH

SAMPLE ELE

(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CORETHRON HYSTRIX	24
COSCINODISCUS CONCINNUS	48
COSCINODISCUS RADIATUS	120
DACTYLIOSOLEN MEDITERRANEUS	96
DITYLUM BRIGHTWELLII	24
GUINARDIA FLACCIDA	96
HEMIAULUS SINENSIS	72
LEPTOCYLINDRICUS DANICUS	88
LEPTOCYLINDRICUS MINIMUS	TRACE
NAVICULA MEMBRANACEA	24
NAVICULA WARWRIKAE	24
NITZSCHIA DELICATISSIMA	3888
RHIZOSOLENIA ALATA GRACILLIMA	24
RHIZOSOLENIA ALATA INDICA	48

RLM PHYTOPLANKTON DATA

SUMMER TRANSECT II STATION 1 DAY SAMP. 11.0 M.
SAMPLE ELE DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENIA CALCAR AVIS	48
RHIZOSOLENIA ROBUSTA	72
RHIZOSOLENIA SETIGERA	48
RHIZOSOLENIA STOLTERFOTHII	24
RHIZOSOLENIA STYLIFORMIS LONGISPINA	48
THALASSIONEMA NITZSCHIOIDES	312
THALASSIOSIRA ROTULA	96
THALASSIOTHRIX FRAUNFELDII	168

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT II STATION 2 DAY SAMP. 1.0 M.
SAMPLE EOE DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTRUM VARIANS HISPIDA	15
BLUE GREEN FILAMENT	TRACE
CERATIUM FURCA	TRACE
CERATIUM KOFOIDII	TRACE
CERATIUM TERES	39
CHAETOCEROS CURVESETUS	TRACE
CHAETOCEROS DADAYI	69
CHAETOCEROS DIVERSUS	69
CHAETOCEROS PELAGICUS	12
CHAETOCEROS SOCIALIS	TRACE
CHAETOCEROS SPP.	66
DACTYLIOSOLEN MEDITERRANEUS	TRACE
DISTEPHANUS SPECULUM	TRACE
EXUVIELLA SPP.	TRACE

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT II STATION 2 DAY SAMP. 1.0 M.
SAMPLE EOE DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
HEMIAULUS HAUCKII	9
LEPTOCYLINDRICUS DANICUS	TRACE
NAVICULA SPP.	TRACE
NAVICULA WARWRIKAE	TRACE
NITZSCNIA DELICATISSIMA	30
NITZSCNIA SERIATA	TRACE
NITZSCNIA SPP.	18
PROROCENTRUM MICANS	TRACE
RHIZOSOLENIA ALATA GRACILLIMA	21
RHIZOSOLENIA CALCAR AVIS	9
RHIZOSOLENIA SETIGERA	TRACE
RHIZOSOLENIA STYLIFORMIS LONGISPINA	TRACE
THALASSIOSIRA SPP.	9
THALASSIOTHRIX FRAUNFELDII	9

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT II STATION 2 DAY SAMP. 1.0 M.
SAMPLE EOE DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
TRICHODESMIUM THIEBAUTII	12
UNIDENTIFIED PENNATE	15

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT II STATION 2 DAY SAMP. 25.0 M.
SAMPLE EOI DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTRUM VARIANS HISPIDA	TRACE
CERATIUM FURCA	TRACE
CERATIUM MACROCEROS GALLICUM	TRACE
CERATIUM TERES	9
CHAETOCEROS CURVESETUS	30
CHAETOCEROS DADAYI	33
CHAETOCEROS DIVERSUS	9
CHAETOCEROS PELAGICUS	15
CHAETOCEROS PSEUDOCRINITUS	18
CHAETOCEROS SPP.	57
CORETHRON HYSTRIX	TRACE
COSCINODISCUS RADIATUS	TRACE
DICTYOCHA FIBULA	TRACE
EXUVIELLA SPP.	TRACE

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT II STATION 2 DAY SAMP. 25.0 M. DEPTH
SAMPLE EOI (CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
GUINARDIA FLACCIDA	TRACE
HEMIAULUS MEMBRANACEOUS	TRACE
LEPTOCYLINDRICUS DANICUS	12
PROROCENTRUM SPP.	TRACE
RHIZOSOLENIA ALATA GRACILLIMA	27
RHIZOSOLENIA CALCAR AVIS	9
RHIZOSOLENIA STYLIFORMIS LONGISPINA	TRACE
TRICHODESMIUM THIEBAUTII	9
UNIDENTIFIED PENNATE	TRACE

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT II STATION 3 DAY SAMP. 1.0 M.
SAMPLE ERF DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTRUM HYALINUM	TRACE
CERATIUM SPP.	TRACE
CERATIUM TERES	12
CERATIUM TRIPOS ATLANTICUM	TRACE
CHAETOCEROS DADAYI	24
CHAETOCEROS DIVERSUS	9
CHAETOCEROS SPP.	33
DACTYLIOSOLEN MEDITERRANEUS	21
DICTYOCHA FIBULA	TRACE
EXUVIELLA SPP.	TRACE
LEPTOCYLINDRICUS DANICUS	TRACE
NITZSCHIA CLOSTERIUM	TRACE
NITZSCNIA DELICATISSIMA	21
NITZSCNIA LONGISSIMA	TRACE
PLEUROSIGMA SPP.	15

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT II STATION 3 DAY SAMP. 1.0 M.
SAMPLE ERF DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENIA ALATA GRACILLIMA	24
RHIZOSOLENIA CALCAR AVIS	15
SKELETONEMA COSTATUM	21
THALASSIONEMA NITZSCHIOIDES	TRACE
THALASSIOSIRA SUBTILIS	9
TRICHODESMIUM THIEBAUTII	TRACE
UNIDENTIFIED PENNATE	TRACE

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT II STATION 3 DAY SAMP. 29.0 M.
SAMPLE ERJ DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTRUM VARIANS HISPIDA	TRACE
CERATIUM TERES	TRACE
CHAETOCEROS AFFINIS	15
CHAETOCEROS BREVIS	9
CHAETOCEROS DADAYI	15
CHAETOCEROS SPP.	12
CHAETOCEROS TERES	9
DACTYLIOSOLEN MEDITERRANEUS	27
GONYAULAX SPP.	TRACE
HEMIAULUS HAUCKII	21
LEPTOCYLINDRICUS DANICUS	42
NAVICULA SPP.	TRACE
NITZSCHIA CLOSTERIUM	TRACE
NITZSCNIA DELICATISSIMA	177
NITZSCNIA SPP.	6

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT II STATION 3 DAY SAMP. 29.0 M.
SAMPLE ERJ DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENIA ALATA GRACILLIMA	30
RHIZOSOLENIA CALCAR AVIS	48
RHIZOSOLENIA FRAGILISSIMA	TRACE
SKELETONEMA COSTATUM	TRACE
UNIDENTIFIED CENTRIC	TRACE
UNIDENTIFIED DINOFLAGELLATES	TRACE
UNIDENTIFIED PENNATE	9

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT III STATION 1 DAY SAMP. 1.0 M.
SAMPLE EUN DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA NOTATA	150
ASTEROMPHALUS CLEVEANUS	TRACE
BIDDULPHTA SINENSIS	150
COSCINOSIRA OESTRUPII	17
CHAETOCEROS AFFINIS	39
CHAETOCEROS COACTICUS	22
CHAETOCEROS CURVESETUS	94
CHAETOCEROS DIVERSUS	17
CHAETOCEROS LACINOSUS	39
CHAETOCEROS LORENZIANUS	22
CHAETOCEROS SIMPLEX	TRACE
CHAETOCEROS SPP.	100
COSCINODISCUS RADIATUS	11
COSCINODISCUS SPP.	TRACE
DINOPHYSIS CAUDATA PEDUNCULATA	89

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT III STATION 1 DAY SAMP. 1.0 M.
SAMPLE EUN DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
EXUVIELLA LIMA	17
GUINARDIA FLACCIDA	50
LEPTOCYLINDRICUS DANICUS	56
LEPTOCYLINDRICUS MINIMUS	66
NAVICULA SPP.	TRACE
NITZSCHIA CLOSTERIUM	22
NITZSCNIA DELICATISSIMA	3413
NITZSCNIA LONGISSIMA	133
NITZSCNIA SERIATA	1127
NITZSCNIA SPP.	89
PERIDINIUM CERASUS	17
PERIDINIUM DIVERGENS	TRACE
PERIDINIUM SPP.	17
PROROCENTRUM MICANS	39
RHIZOSOLENIA CALCAR AVIS	TRACE

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT III STATION 1 DAY SAMP. 1.0 M.
SAMPLE EUN DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENIA HEBETATA SEMISPINA	22
THALASSIONEMA NITZSCHIOIDES	322
THALASSIOTHRIX FRAUNFELDII	33
TRICHODESMIUM THIEBAUTII	39
UNIDENTIFIED CENTRIC	11
UNIDENTIFIED DINOFLAGELLATES	28

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT III STATION 1 DAY SAMP. 9.0 M.
SAMPLE EUR DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA SP.1 (JAPONICA)	55
ASTEROMPHALUS CLEVEANUS	53
BACTERIASTPUM DELICATULUM	44
BACTERIASTPUM HYALINUM	78
BIDDULPHIA SINENSIS	235
COSCINOSIRA OESTRUPII	44
CERATAULINA BERGONII	14
CERATIUM FURCA	TRACE
CERATIUM MACROCEROS GALLICUM	TRACE
CHAETOCEROS CURVESETUS	269
CHAETOCEROS DIVERSUS	302
CHAETOCEROS GRACILIS	11
CHAETOCEROS LACINOSUS	30
CHAETOCEROS LORENZIANUS	89

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT III STATION 1 DAY SAMP. 9.0 M.
SAMPLE EUR DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS PERUVIANUS	TRACE
CHAETOCEROS PSEUDOCURVESETUS	19
CHAETOCEROS SPP.	58
COSCINODISCUS RADIATUS	17
DACTYLIOSOLEN MEDITERRANEUS	TRACE
GUINARDIA FLACCIDA	11
HEMIAULUS HAUCKII	TRACE
HEMIDISCUS CUNIEFORMIS	8
LAUDERIA BOREALIS	44
LEPTOCYLINDRICUS DANICUS	94
LEPTOCYLINDRICUS MINIMUS	8
NAVICULA MEMBRANACEA	TRACE
NITZSCNIA DELICATISSIMA	169
NITZSCNIA LONGISSIMA	TRACE
NITZSCNIA SERIATA	100

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT III STATION 1 DAY SAMP. 9.0 M. DEPTH

SAMPLE EUR (CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
NITZSCNIA SPP.	83
PERIDINIUM SPP.	TRACE
PLEUROSIGMA SPP.	TRACE
PROROCENTRUM MICANS	TRACE
RHIZOSOLENIA CALCAR AVIS	TRACE
THALASSIONEMA NITZSCHIOIDES	TRACE
TRICHODESMIUM THIEBAUTII	14
UNIDENTIFIED CENTRIC	TRACE
UNIDENTIFIED DINOFLAGELLATES	TRACE

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT III STATION 2 DAY SAMP. 1.0 M.
SAMPLE EYN DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTPUM HYALINUM	TRACE
CERATIUM PENTAGONUM	9
CHAETOCEROS DECIPIENS	9
CHAETOCEROS DIDYMUS PROTUBERANS	9
CHAETOCEROS GRACILIS	TRACE
CHAETOCEROS LACINOSUS	48
CHAETOCEROS PERUVIANUS	TRACE
CHAETOCEROS SPP.	30
HEMIAULUS HAUCKII	9
HEMIAULUS MEMBRANACEOUS	TRACE
NAVICULA SPP.	TRACE
NITZSCHIA CLOSTERIUM	117
NITZSCNIA LONGISSIMA	TRACE
NITZSCNIA SERIATA	21
RHIZOSOLENIA ALATA GRACILLIMA	21

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT III STATION 2 DAY SAMP. 1.0 M.
SAMPLE EYN DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENIA HEBETATA SEMISPINA	21
STIGMOPHORA ROSTRATA	TRACE
TRICHODESMIUM THIEBAUTII	27
UNIDENTIFIED DINOFLAGELLATES	TRACE
UNIDENTIFIED PENNATE	TRACE

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT III STATION 2 DAY SAMP. 26.0 M.
SAMPLE EYR DEPTH

GENUS SPECIES VARIETY	CELLS/L.
CERATIUM FUSUS	TRACE
CERATIUM PENTAGONUM	TRACE
CERATIUM TRIPOS ATLANTICUM	TRACE
CHAETOCEROS LACINOSUS	39
CHAETOCEROS PERUVIANUS	TRACE
CHAETOCEROS SPP.	TRACE
DICTYOCHA FIBULA	TRACE
HEMIAULUS HAUCKII	17
HEMIAULUS MEMBRANACEOUS	TRACE
LEPTOCYLINDRICUS DANICUS	17
LEPTOCYLINDRICUS MINIMUS	39
NAVICULA SPP.	TRACE
NITZSCNIA SERIATA	22
ORNITHOCERCS MAGNIFICUS	TRACE
RHIZOSOLENIA ALATA GRACILLIMA	30

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT III STATION 2 DAY SAMP. 26.0 M.
SAMPLE EYR DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENIA HEBETATA SEMISPINA	8
RHIZOSOLENIA STOLTERFOTHII	TRACE
UNIDENTIFIED CENTRIC	TRACE
UNIDENTIFIED DINOFLAGELLATES	8
UNIDENTIFIED PENNATE	TRACE

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT III STATION 3 DAY SAMP. 1.0 M.
SAMPLE FBN DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA SP.1 (JAPONICA)	TRACE
CERATIUM FUSUS	TRACE
CERATIUM KOFOIDII	TRACE
CERATIUM PENTAGONUM	9
CHAETOCEROS PERUVIANUS	TRACE
CHAETOCEROS SPP.	TRACE
COSCINODISCUS SPP.	TRACE
DINOPHYSIS CAUDATA PEDUNCULATA	TRACE
EXUVIELLA LIMA	TRACE
HEMIAULUS HAUCKII	TRACE
HEMIAULUS MEMBRANACEOUS	TRACE
LEPTOCYLINDRICUS DANICUS	TRACE
NAVICULA SPP.	TRACE
NITZSCHIA CLOSTERIUM	TRACE

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT III STATION 3 DAY SAMP. 1.0 M.
SAMPLE FBN DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
NITZSCNIA SERIATA	14
PERIDINIUM CERASUS	TRACE
PODOLAMPAS SPINIFERA	TRACE
RHIZOSOLENIA ALATA GRACILLIMA	10
RHIZOSOLENIA HEBETATA SEMISPINA	TRACE
RHIZOSOLENIA STOLTERFOTHII	TRACE
TRICHODESMIUM THIEBAUTII	TRACE
UNIDENTIFIED DINOFLAGELLATES	TRACE

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT III STATION 3 DAY SAMP. 29.0 M.
SAMPLE FBR DEPTH

GENUS SPECIES VARIETY	CELLS/L.
CERATIUM FUSUS	TRACE
CERATIUM MACROCEROS GALLICUM	TRACE
CERATIUM PENTAGONUM	6
CHAETOCEROS LACINOSUS	7
CHAETOCEROS LORENZIANUS	TRACE
DACTYLIOSOLEN MEDITERRANEUS	TRACE
DINOPHYSIS OVUM	TRACE
EXUVIELLA LIMA	TRACE
HEMIAULUS HAUCKII	TRACE
HEMIAULUS MEMBRANACEOUS	TRACE
LEPTOCYLINDRICUS DANICUS	8
NAVICULA SPP.	TRACE
NITZSCNIA SERIATA	14
ORNITHOCEROS MAGNIFICUS	TRACE
PERIDINIUM CERASUS	TRACE

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT III STATION 3 DAY SAMP. 29.0 M. DEPTH

SAMPLE FBR (CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
PERIDINIUM SPP.	TRACE
PHALACHROMA SP.1 (ROTUNDATA)	TRACE
PODOLAMPAS PALMIPES	TRACE
PODOLAMPAS SPINIFERA	TRACE
RHIZOSOLENIA ALATA GRACILLIMA	16
RHIZOSOLENIA HEBETATA SEMISPINA	TRACE
RHIZOSOLENIA STOLTERFOTHII	10
UNIDENTIFIED DINOFLAGELLATES	TRACE

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT IV STATION 1 DAY SAMP. 1.0 M.
SAMPLE FET DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTPUM HYALINUM	240
BIDDULPHIA SINENSIS	960
CERATIUM FURCA	TRACE
CERATIUM FUSUS	24
CERATIUM TRICHOCEROS	TRACE
CERATIUM TRIPOS ATLANTICUM	TRACE
CHAETOCEROS AFFINIS	TRACE
CHAETOCEROS COMPRESSUS	168
CHAETOCEROS CURVESETUS	1824
CHAETOCEROS DECIPIENS	240
CHAETOCEROS DIVERSUS	24
CHAETOCEROS LACINOSUS	96
CHAETOCEROS RIGIDUS	TRACE
CHAETOCEROS SPP.	792
CHAETOCEROS SUBTILIS	168

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT IV STATION 1 DAY SAMP. 1.0 M.
SAMPLE FET DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS VISTULAE	48
CORETHRON HYSTRIX	24
COSCINODISCUS RADIATUS	72
COSCINODISCUS SPP.	24
DACTYLIOSOLEN MEDITERRANEUS	672
DICTYOCHA FIBULA	24
DINOPHYSIS CAUDATA PEDUNCULATA	48
GONYAULAX SPP.	TRACE
GUINARDIA FLACCIDA	TRACE
GYMNODINIUM SPP.	24
HEMIAULUS MEMBRANACEOUS	TRACE
LEPTOCYLINDRICUS DANICUS	264
NAVICULA MEMBRANACEA	TRACE
NAVICULA WARWRIKAE	120
NITZSCNIA DELICATISSIMA	17736

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT IV STATION 1 DAY SAMP. 1.0 M.
SAMPLE FET DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
NITZSCNIA SERIATA	528
PERIDINIUM QUARNERENSE	72
PERIDINIUM SPINIFERUM	TRACE
PERIDINIUM SPP.	72
PROROCENTRUM MICANS	24
PYROPHACUS SPP.	TRACE
RHIZOSOLENIA ALATA GRACILLIMA	24
RHIZOSOLENIA CALCAR AVIS	240
RHIZOSOLENIA DELICATULA	72
RHIZOSOLENIA FRAGILISSIMA	24
RHIZOSOLENIA ROBUSTA	48
RHIZOSOLENIA SETIGERA	192
RHIZOSOLENIA STYLIFORMIS LONGISPINA	24
STREPTOTHECA THAMESIS	48

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT IV STATION 1 DAY SAMP. 1.0 M.
SAMPLE FET DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
THALASSIONEMA NITZSCHIOIDES	3240
THALASSIOSIRA DECIPIENS	24
THALASSIOTHRIX MEDITERRANEA	48
TRICHODESMIUM THIEBAUTII	120
UNIDENTIFIED DINOFLAGELLATES	48

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT IV STATION 1 DAY SAMP. 13.0 M.
SAMPLE FEX DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA SP.1 (JAPONICA)	120
BACTERIASTPUM HYALINUM	696
BIDDULPHIA SINENSIS	48
BLUE GREEN FILAMENT	24
COSCINOSIRA OESTRUPII	TRACE
CERATAULINA BERGONII	72
CERATAULINA COMPACTA	72
CERATIUM FURCA	TRACE
CERATIUM TRICHOCEROS	TRACE
CHAETOCEROS COACTICUS	TRACE
CHAETOCEROS CRINITUS	240
CHAETOCEROS CURVESETUS	2736
CHAETOCEROS DIVERSUS	240
CHAETOCEROS GRACILIS	24

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT IV STATION 1 DAY SAMP. 13.0 M.
SAMPLE FEX DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS LORENZIANUS	120
CHAETOCEROS PELAGICUS	72
CHAETOCEROS PERUVIANUS	24
CHAETOCEROS SIMPLEX	24
CHAETOCEROS SPP.	336
CHAETOCEROS SUBTILIS	TRACE
CORETHRON HYSTRIX	72
COSCINODISCUS ASTEROMPHALUS	24
COSCINODISCUS CONCINNUS	TRACE
COSCINODISCUS RADIATUS	48
DACTYLIOSOLEN MEDITERRANEUS	240
DICTYOCHA FIBULA	24
GUINARDIA FLACCIDA	336
GYMNODINIUM SPP.	TRACE
HEMIAULUS SINENSIS	72

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT IV STATION 1 DAY SAMP. 13.0 M. DEPTH

SAMPLE FEX
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
LEPTOCYLINDRICUS DANICUS	72
NAVICULA MEMBRANACEA	144
NITZSCHIA CLOSTERIUM	24
NITZSCNIA DELICATISSIMA	4632
NITZSCNIA LONGISSIMA	TRACE
NITZSCNIA SERIATA	1728
PERIDINIUM SPP.	24
PLEUROSIGMA SPP.	TRACE
RHIZOSOLENIA ALATA GRACILLIMA	120
RHIZOSOLENIA ALATA INDICA	TRACE
RHIZOSOLENIA CALCAR AVIS	TRACE
RHIZOSOLENIA FRAGILISSIMA	24
RHIZOSOLENIA IMBRICATA	TRACE
RHIZOSOLENIA ROBUSTA	24

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT IV STATION 1 DAY SAMP. 13.0 M. DEPTH

SAMPLE FEX (CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENIA SETIGERA	96
RHIZOSOLENIA STYLIFORMIS LONGISPINA	72
SYNEDRA SPP.	312
THALASSIONEMA NITZSCHIOIDES	216
THALASSIOSIRA ROTULA	24
THALASSIOTHRIX MEDITERRANEA	24
TRICHODESMIUM THIEBAUTII	24
UNIDENTIFIED CENTRIC	48
UNIDENTIFIED PENNATE	48

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT IV STATION 2 DAY SAMP. 1.0 M.
SAMPLE FHU DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA SP.1 (JAPONICA)	84
ASTEROMPHALUS SPP.	TRACE
BACTERIASTPUM HYALINUM	816
BIDDULPHIA MOBILIENSIS	60
BLUE GREEN FILAMENT	60
COSCINOSIRA OESTRUPII	84
CERATAULINA COMPACTA	12
CERATIUM FURCA	36
CERATIUM TERES	12
CHAETOCEROS COACTICUS	TRACE
CHAETOCEROS CURVESETUS	2376
CHAETOCEROS DECIPIENS	TRACE
CHAETOCEROS DIVERSUS	504
CHAETOCEROS GRACILIS	12

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT IV STATION 2 DAY SAMP. 1.0 M.
SAMPLE FHU DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS INGELFIANUS	48
CHAETOCEROS PERUVIANUS	24
CHAETOCEROS SPP.	48
CHAETOCEROS SUBSECUNDUS	TRACE
COSCINODISCUS ASTEROMPHALUS	72
COSCINODISCUS CONCINNUS	12
COSCINODISCUS RADIATUS	24
DACTYLIOSOLEN MEDITERRANEUS	72
GUINARDIA FLACCIDA	12
GYMNODINIUM SPP.	12
HEMIAULUS HAUCKII	36
HEMIAULUS MEMBRANACEOUS	TRACE
HEMIAULUS SINENSIS	60
LEPTOCYLINDRICUS DANICUS	84
NAVICULA MEMBRANACEA	12

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT IV STATION 2 DAY SAMP. 1.0 M.
SAMPLE FHU DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
NITZSCHIA CLOSTERIUM	12
NITZSCNIA DELICATISSIMA	2808
NITZSCNIA LONGISSIMA	24
NITZSCNIA SERIATA	60
PERIDINIUM SPP.	36
PROROCENTRUM MICANS	24
RHIZOSOLENIA ALATA GRACILLIMA	36
RHIZOSOLENIA CALCAR AVIS	24
RHIZOSOLENIA ROBUSTA	12
RHIZOSOLENIA SETIGERA	108
RHIZOSOLENIA STYLIFORMIS LONGISPINA	TRACE
SYNEDRA SPP.	120
THALASSIONEMA NITZSCHIOIDES	324
THALASSIOSIRA SUBTILIS	24

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT IV STATION 2 DAY SAMP. 1.0 M.
SAMPLE FHU DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
TRICHODESMIUM THIEBAUTII	480
UNIDENTIFIED DINOFLAGELLATES	48
UNIDENTIFIED PENNATE	104

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT IV STATION 2 DAY SAMP. 13.0 M.
SAMPLE FHY DEPTH

GENUS SPECIES VARIETY	CELLS/L.
ASTERIONELLA SP.1 (JAPONICA)	24
ASTEROMPHALUS CLEVEANUS	TRACE
BACTERIASTPUM HYALINUM	504
BIDDULPHIA MOBILIENSIS	30
BLUE GREEN FILAMENT	TRACE
COSCINOSIRA OESTRUPII	TRACE
CERATAULINA BERGONII	24
CERATAULINA COMPACTA	TRACE
CERATIUM FURCA	18
CERATIUM FUSUS	TRACE
CERATIUM MACROCEROS GALLICUM	24
CERATIUM TERES	12
CERATIUM TRICHOCEROS	TRACE
CHAETOCEROS CINCTUS	48

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT IV STATION 2 DAY SAMP. 13.0 M. DEPTH

SAMPLE PHY (CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
CHAETOCEROS CURVESETUS	228
CHAETOCEROS DECIPIENS	150
CHAETOCEROS DIDYMUS ANGLICA	TRACE
CHAETOCEROS DIVERSUS	252
CHAETOCEROS LACINOSUS	18
CHAETOCEROS MUELLERI	12
CHAETOCEROS PERUVIANUS	24
CHAETOCEROS PSEUDOCURVESETUS	114
CHAETOCEROS SOCIALIS	12
CHAETOCEROS SPP.	144
CHAETOCEROS TERES	24
CORETHRON HYSTRIX	TRACE
COSCINODISCUS MARGINATUS	TRACE
COSCINODISCUS RADIATUS	12
DACTYLIOSOLEN MEDITERRANEUS	78

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT IV STATION 2 DAY SAMP. 13.0 M. DEPTH

SAMPLE PHY (CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
DETONULA CONFERVACEA	TRACE
DICTYOCHA FIBULA	30
DIPLONEIS SPP.	TRACE
GUINARDIA FLACCIDA	TRACE
GYMNODINIUM SPP.	TRACE
HEMIAULUS MEMBRANACEOUS	TRACE
HEMIAULUS SINENSIS	18
LEPTOCYLINDRICUS DANICUS	36
LITHODESMIUM UNDULATUM	TRACE
NAVICULA MEMBRANACEA	36
NAVICULA SPP.	12
NITZSCHIA CLOSTERIUM	TRACE
NITZSCNIA DELICATISSIMA	84
NITZSCNIA SERIATA	TRACE
PERIDINIUM PYRIFORMIS	12

RLM PHYTOPLANKTON DATA

SUMMER TRANSECT IV STATION 2 DAY SAMP. 13.0 M.
SAMPLE FHY DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
PHALACHROMA SP.1 (ROTUNDATA)	TRACE
PROROCENTRUM GRACILE	TRACE
PROROCENTRUM SCUTELLUM	TRACE
RHIZOSOLENIA ALATA GRACILLIMA	12
RHIZOSOLENIA CYLINDRUS	TRACE
RHIZOSOLENIA IMBRICATA	TRACE
RHIZOSOLENIA SETIGERA	TRACE
RHIZOSOLENIA STYLIFORMIS LONGISPINA	18
SYNEDRA SPP.	24
THALASSIONEMA NITZSCHIOIDES	30
THALASSIOSIRA DECIPIENS	TRACE
TRICHODESMIUM THIEBAUTII	204
UNIDENTIFIED CENTRIC	TRACE
UNIDENTIFIED DINOFLAGELLATES	TRACE

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT IV STATION 3 DAY SAMP. 1.0 M.
SAMPLE FKY DEPTH

GENUS SPECIES VARIETY	CELLS/L.
CERATIUM FURCA	TRACE
CERATIUM PULCHELLUM	TRACE
CERATIUM TERES	18
CHAETOCEROS COMPRESSUS	33
CHAETOCEROS CURVESETUS	TRACE
CHAETOCEROS DECIPIENS	9
CHAETOCEROS DIVERSUS	TRACE
CHAETOCEROS PELAGICUS	9
CHAETOCEROS SOCIALIS	9
CHAETOCEROS SPP.	18
COSCINODISCUS RADIATUS	TRACE
DACTYLIOSOLEN MEDITERRANEUS	51
DICTYOCHA FIBULA	TRACE
NAVICULA SPP.	TRACE
NITZSCHIA DELICATISSIMA	144

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT IV STATION 3 DAY SAMP. 1.0 M.
SAMPLE FKY DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
NITZSCNIA SPP.	TRACE
RHIZOSOLENIA ALATA GRACILLIMA	144
RHIZOSOLENIA CALCAR AVIS	45
RHIZOSOLENIA SETIGERA	15
THALASSIOSIRA ROTULA	TRACE
TRICHODESMIUM THIEBAUTII	TRACE
UNIDENTIFIED PENNATE	TRACE

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT IV STATION 3 DAY SAMP. 31.0 M.
SAMPLE FLC DEPTH

GENUS SPECIES VARIETY	CELLS/L.
BACTERIASTPUM HYALINUM	15
CERATIUM MACROCEROS GALLICUM	TRACE
CERATIUM MASSILIENSE	TRACE
CERATIUM TERES	TRACE
CHAETOCEROS CURVESETUS	12
CHAETOCEROS DIVERSUS	TRACE
CHAETOCEROS INGELFIANUS	12
CHAETOCEROS SPP.	21
DICTYOCHA FIBULA	TRACE
LEPTOCYLINDRICUS DANICUS	9
NAVICULA MEMBRANACEA	TRACE
NAVICULA SPP.	TRACE
NAVICULA WARWRIKAE	TRACE
NITZSCNIA DELICATISSIMA	27
RHIZOSOLENIA ALATA GRACILLIMA	42

BLM PHYTOPLANKTON DATA

SUMMER TRANSECT IV STATION 3 DAY SAMP. 31.0 M.
SAMPLE FLC DEPTH
(CONTINUED)

GENUS SPECIES VARIETY	CELLS/L.
RHIZOSOLENIA CALCAR AVIS	15
RHIZOSOLENIA HEBETATA	TRACE
RHIZOSOLENIA STOLTERFOTHII	TRACE
RHIZOSOLENIA STYLIFORMIS LONGISPINA	TRACE
THALASSIONEMA NITZSCHIOIDES	TRACE
TRICHODESMIUM THIEBAUTII	TRACE
UNIDENTIFIED DINOFLAGELLATES	15
UNIDENTIFIED PENNATE	TRACE

@BRKPT PRINT%

APPENDIX V

SPECIES OF RADIOLARIA AND FORAMINIFERA COLLECTED ON THE STOCS 1975

APPENDIX

SPECIES OF RADIOLARIA AND FORAMINIFERA COLLECTED TO DATE ON BLM - SOUTH TEXAS OCS PROJECTS - CASEY

SUBCLASS RADIOLARIA

SUPERORDER POLYCYSTINA

ORDER SPUMELLARIA

FAMILY COLLOSPHAERIDAE

Choenicosphaera sp.

Collosphaera tuberosa

Disolenia zanquebarica

Siphonosphaera polysiphonia

FAMILY ACTINOMMIDAE

SUBFAMILY ARTISCINAE

Cypassis irregularis

Ommatartus tetrathalamus

SUBFAMILIES NOT DESIGNATED

Actinomma #1

Actinomma cf. *medianum*

Astrosphaera #3

astrosphaerid #1

astrosphaerid #2

astrosphaerid #3

cenosphaerid #1

cenosphaerid #4

cenosphaerid #5

Cladococcus scoparus

cubosphaerid #1

cubosphaerid #2

Drymosphaera polygonalis

radiolarian #1

radiolarian #2

radiolarian #3

sphaerid #1

sphaerid #2

Spongosphaera streptacantha

Stylacontarium bispiculum

FAMILY PHACODISCIDAE

Heliodiscus asteriscus

FAMILY SPONGODISCIDAE

Euchitonia furcata

Euchitonia elegans

Hymeniastrum profundum

"SPONGASTERS"

"circular" spongaster

"elliptical" spongaster

Spongaster berminghami

Spongaster cruciferus

Spongaster pentas

Spongaster tetras irregularis

Spongaster tetras tetras

(?) Spongobrachium ellipticum

"SPONGOTROCHIDS"

(?) Spongotrochus geddessi

Spongotrochus glacialis

OTHERS

(?) spongosphaerid #1

FAMILY PYLONIIDAE

Hexapyle dodecantha

Tetrapyle octacantha #1

Tetrapyle octacantha #2

ORDER NASSELLARIA

SUBORDER SPYRIDA

Acanthodesma viniculata

spyroid #3

spyroid #4

SUBORDER CYRTIDA

FAMILY PLAGONIIDAE

Callimitra sp.

Helotholus #1

Helotholus #3

(?) Lophophaena sp.

Peridinium spinipes

(?) Pteropilium stratiloides

Theopilium tricostatum

FAMILY THEOPERIDAE

(?) Bathypyramis

Calocyclas #1

Calocyclas #2

Eucyrtidium accuminatum

Lithopera bacca

nassellarian #1

Pterocanium praetextum praetextum

Pterocanium praetextum eucolpum

Pterocanium trilobum

FAMILY PTEROCORYTHIDAE

Anthocyrtidium cineraria

Lamprocyclas maritalis polypora

Lamprocyclas maritalis maritalis

Lipmanella vichowii

Pterocorys sp.

Pterocorys zancleus

Theocorythium trachelium dianae

Theocorythium trachelium trachelium

FAMILY ARTOSTROBIIDAE

Spirocyrtis #2

Spirocyrtis scalaris

FAMILY CANNOBOTRYIDAE

Botryocyrtis scutum

SUPERORDER ACANTHARINA

acantharian spp.

SUPERORDER PHAEODARINA

Conchasma sphaerulites

Conchoceras caudatum

PLANKTONIC FORAMINIFERA SPECIES

Globigerina bulloides

Globigerina bulloides falconensis

Globigerina falconensis

Globigerina cf. incompta

Globigerina (?) pachyderma

Globigerina (?) quinqueloba

Globigerina rubescens

Globigerina sp.

Globigerinella aequilateralis

Globigerinoides ruber

Globigerinoides tenellus

Globorotalia cf. tosaensis

Globorotalia truncatulinoides

Orbulina universa

Pulleniantina obliquiloculata

BENTHONIC FORAMINIFERA SPECIES TAKEN IN PLANKTON TOWS

Angulogerina bella

Bolivina spinata var. costata

Bolivina spinata-transluscens

Bolivina subaenariensis var. mexicana

Bolivina sp.

Bulmina aculeata

Cassidulina curvata

Cassidulina subglobosa

Cibicides concentricus

Cibicides mollis

Eponides tumidulus

(?) Eponides sp.

Fissurina cf. crassicarinata

Fissurina sp.

(?) Gyroidina sp.

Marginulina sp.

Neoeponides antillarum

Nonionella basiloba

Planulina sp.

Quinqueloculina compta

Russella cf. miocenica

Strebulus beccari

Uvigerina auberiana var. laevis

Uvigerina hispido-costata

Uvigerina perigrina

Valvulineria cf. araucana

BENTHONIC FORAMINIFERA SPECIES TAKEN LIVE FROM BOTTOM SEDIMENTS

ORDER FORAMINIFERIDA

SUBORDER TEXTULARIINA

FAMILY SACCAMMINIDAE

Lagenammina atlantica (Cushman)

FAMILY HORMOSINIDAE

Rheophax comprima (Phleger and Parker)

FAMILY LITUOLIDAE

Ammoscalaria pseudospiralis (Williamson)

FAMILY TEXTULARIIDAE

Bigenerina irregularis Phleger and Parker

Siphotextularia affinis (Fornasini)

Siphotextularia rolshauseni Phleger and Parker

Textularia candeiana d'Orbigny

Textularia parvula Cushman

FAMILY ATAXOPHRAGMIDAE

Eggerella scabra (Williamson)

Gaudryina cf. *aequa* Cushman

SUBORDER MILIOLINA

FAMILY MILIOLIDAE

Miliolinella warreni Andersen

Quinqueloculina compta Cushman

Quinqueloculina oblonga Reuss

SUBORDER ROTALINA

FAMILY NODOSARIIDAE

Dentalina sp.

Lagena nubulosa Cushman

Lagena spirata Bandy

Lenticulina calcar (Linne)

Saracenaria sp.

FAMILY TURRILINIDAE

Buliminella elegantissima (d'Orbigny)

Buliminella cf. bassendorfensis Cushman and Parker

Spirobolivina sp.

FAMILY BOLIVINITIDAE

Bolivina subspinescens Cushman

Brizalina barbata (Phleger and Parker)

Brizalina fragilis (Phleger and Parker)

Brizalina hastata (Phleger and Parker)

Brizalina lowmani (Phleger and Parker)

Brizalina mexicana (Cushman)

Brizalina ordinaria Phleger and Parker

Brizalina spinata (Cushman)

Rectobolivina advena (Cushman)

FAMILY BULIMINIDAE

Bulimina aculeata d'Orbigny

Bulimina gibba Fornasini

Bulimina marginata d'Orbigny

Reussella atlantica Cushman

FAMILY UVIGERINIDAE

Sagrina pulchella (d'Orbigny) var. primitiva (Cushman)

Trifarina bella (Phleger and Parker)

Trifarina jamaicensis (Cushman and Todd)

Uvigerina bellula Bandy

Uvigerina parvula Cushman

Uvigerina peregrina Cushman

FAMILY DISCORBIDAE

Buccella hannae (Phleger and Parker)

Cancris sagra (d'Orbigny)

Epistominella vitrea Parker

Stetsonia minuta Parker

FAMILY SIPHONINIDAE

Siphonina bradyana Cushman

Siphonina pulchra Cushman

FAMILY ROTALIIDAE

Ammonia beccarii (Linne)

Ammonia pauciloculata (Phleger and Parker)

FAMILY ELPHIDIIDAE

Elphidium gunteri Cole

Elphidium poeyanum (d'Orbigny)

FAMILY EPONIDIDAE

Eponides repandus (Fichtel and Moll)

Neoeponides antillarum (d'Orbigny)

FAMILY CIBICIDIDAE

Cibicides aff. floridanus (Cushman)

Cibicides mollis Phleger and Parker

Cibicides sp.

Cibicides umbonatus Phleger and Parker

FAMILY CAUCASINIDAE

Fursenkoina complanata (Egger)

Fursenkoina compressa (Bailey)

Fursenkoina pontoni (Cushman)

Fursenkoina spinicostata (Phleger and Parker)

Virgulinella pertusa Reuss

FAMILY LOXOSTOMIDAE

Loxostomum sp.

FAMILY CASSIDULINIDAE

Cassidulina subglobosa Brady

FAMILY NONIONIDAE

Florilus astricta (McCulloch)

Florilus atlanticus (Cushman)

Florilus grateloupi (d'Orbigny)

Nonionella basiloba Cushman and McCulloch

FAMILY ANOMALINIDAE

Hanzawaia strattoni (Applin)

Milonis barleeanus (Williamson)

FAMILY CERATOBULIMINIDAE

Hoeglundina elegans (d'Orbigny)

APPENDIX VI

DATA SHEETS FOR SHELLED MICROZOOPLANKTON-BENTHOS BLM-STOCS 75

APPENDIX VI

DATA SHEETS FOR SHELLED MICROZOOPLANKTON-BENTHON BLM-STOCS 75

DATA SHEET INFORMATION

Radiolarian species, lives, winter

Radiolarian species, lives, spring

Radiolarian species, lives, summer

Radiolarian species, deads, winter

Radiolarian species, deads, spring

Radiolarian species, deads, summer

Foraminiferan species, lives, winter (plankton tows)

Foraminiferan species, lives, spring (plankton tows)

Foraminiferan species, lives, summer (plankton tows)

Foraminiferan species, deads, winter (plankton tows)

Foraminiferan species, deads, spring (plankton tows)

Foraminiferan species, deads, summer (plankton tows)

Pteropod species, lives, winter

Pteropod species, lives, spring

Pteropod species, lives, summer

Pteropod species, deads, winter

Pteropod species, deads, spring

Ostracod species, lives, winter

Ostracod species, lives, spring

Benthonic foraminiferan species, lives, winter (grab)

Benthonic foraminiferan species, lives, spring (grab)

SHELLED ZOOPLANKTON DENSITIES-B.L.M.STUDY

DENSITIES(NOS./CU.M.)-WINTER-1974

RADIOLARIAN SPECIES-LIVES

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1-I	2-I	3-I	1-II	2-II	3-II	1-III	2-III	3-III	1-IV	2-IV	3-IV
S.TETRAS TETRAS	0.0	1.29	0.60	0.0	0.0	0.60	0.0	1.65	4.33	0.0	0.0	0.0
S.BERMINGHAMI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.66	0.0	0.0	0.0
S.CRUCIFERUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.66	0.0	0.0	0.0
S.PENTAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
CIRC.SPONGODISC	0.0	1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
ELLIP.SPONGODISC	0.0	0.82	0.0	0.0	0.0	0.0	0.0	0.0	0.66	0.0	0.0	0.0
S.(AFF)ELLIPTIC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
H.PROFUNDUM AD.	0.0	0.58	0.30	0.0	1.47	0.90	0.0	1.65	5.67	0.0	4.51	1.55
H.PROFUNDUM JUV	0.0	1.64	0.60	3.21	0.0	0.90	0.0	4.97	5.00	0.0	7.52	1.94
ASTROSPHAERA 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0
E.EURCATA	0.0	0.82	0.0	0.0	0.0	0.0	0.0	0.55	1.33	0.0	1.50	0.38
E.ELEGANS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75	0.0
?S.GEDDESSI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.66	0.0	0.0	0.0
S.GLACIALIS AD.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	1.55
S.GLACIALIS JUV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.38
CHUENICOSPHAERA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
H.ASTROISCUS	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CENOSPHAERA 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.SIPHUN.POLYSI	0.0	0.0	0.0	0.0	0.0	3.32	0.0	0.0	0.0	0.0	0.0	0.0
C.IRREGULARIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CYBOSPHAERID 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.65	0.0	0.0	0.0
SPHAERID 1	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
ACTINOMA 1	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	1.16
CUBOSPHAERID 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0
ASTROSPHAERID 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0

ASTROSPHAERID 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0
SPHAERID 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0
O.TETRATHALAMUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.33	0.0	0.0	0.0
T.OCTACANTHA 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S.STREPTACANTHA	0.0	0.0	0.30	0.0	0.73	0.0	0.0	1.65	4.00	4.24	0.0	0.0
D.POLYGONALIS	0.0	0.0	0.30	0.0	0.0	0.0	0.0	1.65	0.0	0.0	0.0	0.0
S.BISPICULUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.65	0.0	0.0	0.0
S.BISPICULUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.06	0.0	0.0	0.38
SPONGOSPHAERID 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
RADIOLARIAN 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
RADIOLARIAN 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
A.(CF)MEDIARUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.SCOPARIUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CENOSPHAERA 4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
H.DODECANTHA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.CAUDATUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.SPHAERULITES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
D.ZANGUEBARICA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.TUBEROSA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
COLLOSPHAERID 6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPUMELLARIAN 5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CENOSPHAERID 6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
L.QUADRANGULA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CUBOSPHAERID 6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CENOSPHAERID 7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
A.VINICULATA	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0
SPYROID 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P.SPINIPES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.65	0.0	0.0	0.0
HELOTHOLUS 1	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.33	0.0	0.0	0.0
HELOTHOLUS 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0
ZLOPHOPHAENA SP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.65	0.0	0.0	0.0

L.BACCA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PTEROCORYS SP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P.ZANCLEUS	0.0	0.0	1.20	0.0	0.0	0.30	0.0	1.10	1.00	0.0	0.0	0.77
L.VICHOWII	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.10	0.33	0.0	0.0	0.0
P.TRILOBUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.66	0.0	0.0	0.0
NASSELARIUM 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
T.TRICOCSTATUM	0.0	0.0	0.90	0.0	0.0	0.0	0.0	1.10	2.33	0.0	0.0	0.38
CALOCYCLAS 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
CALOCYCLAS 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
E.ACUMINATUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.33	0.0	0.0	0.77
E.(CP)ACUMINATUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S.SCALARIS	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.65	0.33	0.0	0.0	0.0
SPIROCYRTIS 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.38
P.PRACT.PRAET	0.0	0.0	0.30	0.0	0.0	0.30	0.0	1.10	4.00	0.0	0.75	0.77
P.PRACT.DUCCLP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.33	0.0	0.0	0.0
A.CINERIA	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38
H.SCUTUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38
CALLIMITRA SP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38
T.TRACH.DIANAE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
T.TRACH.TRACH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
?P.STRATILOIDES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SHELLED ZOOPLANKTON DENSITIES-S.L.M.STUDY

DENSITIES(NOS./CU.M.)-SPRING-1975

RADIOLARIAN SPECIES-LIVES

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1-I	2-I	3-I	1-II	2-II	3-II	1-III	2-III	3-III	1-IV	2-IV	3-IV
S.TETRAS TETRAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38
S.BERMINGHAMI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S.CRUCIFERUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S.PENTAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIRC.SPONGADISC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ELLIP.SPENGEDISC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S.(AFF)ELLIPTIC	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
H.PROFUNDUM AD.	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.55	0.0	0.0	0.0	0.38
H.PROFUNDUM JUV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0
ASTROSPHAERA 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E.EURCATA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E.ELEGANS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
?S.GEDDESSI	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.33	0.0	0.0	0.0
S.GLACIALIS AD.	0.0	0.0	0.0	0.0	0.0	0.60	0.0	1.10	0.0	0.0	0.0	0.38
S.GLACIALIS JUV	0.0	0.0	2.64	0.0	0.0	0.30	0.0	0.0	0.66	0.0	0.0	0.0
CHUENICOSPHAERA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0
H.ASTERISCUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38
CENOSPHAERA 1	0.0	0.82	0.0	0.0	0.0	1.81	0.0	1.10	4.67	0.0	0.0	0.0
C.SIPHON.POLYSI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.IRREGULARIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0
CYBOSPHAERID 2	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
SPHAERID 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACTINOMA 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.66	0.0	0.0	0.0
CUBOSPHAERID 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ASTROSPHAERID 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

ASTROSPHAERID 3	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.55	0.33	0.0	0.0	0.0
SPHAERID 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
O.TETRATHALAMUS	0.0	0.82	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
T.OCTACANTHA 2	0.0	0.0	0.26	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.38
S.STREPTACANTHA	0.0	0.82	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
D.POLYGONALIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S.BISPICULUM	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
S.BISPICULUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPONGOSPHAERID 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RADIOLARIAN 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RADIOLARIAN 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
A.ICOSIMEDIARUM	0.0	0.0	1.09	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.SCOPARIUS	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.33	0.0	0.0	0.38
CENOSPHAERA 4	0.0	0.0	0.0	0.0	0.0	1.20	0.0	0.55	0.0	0.0	0.0	0.0
H.DODECANTHA	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
C.CAUDATUM	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.66	0.0	0.0	0.0
C.SPHAERULITES	0.0	0.0	0.0	0.0	0.0	4.83	0.0	0.0	4.00	0.0	0.0	0.0
D.ZANGUEEARICA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
C.TUBEROSA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
COLLOSPHAERID 6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38
SPUMELLARIAN 6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75	0.0
CENOSPHAERID 8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38
L.QUADRANGULA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38
CUBOSPHAERID 8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38
CENOSPHAERID 7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38
A.VINICULATA	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
SPYROID 3	0.0	1.64	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P.SPINIPES	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
HELOTHOLUS 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HELOTHOLUS 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
?LOPHOPHAENA SP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

L.BACCA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.38
PTEROCORYS SP	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
P.ZANCLEUS	0.0	0.0	0.0	0.0	0.0	2.72	0.0	1.65	0.66	0.0	0.0	0.0
C.VITCHOWII	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
P.TRILOBUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NASSELARIUM 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
T.TRICOCSTATUM	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0
CALOCYCLAS 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALOCYCLAS 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E.ACUMINATUM	0.0	0.0	0.26	0.0	0.0	0.0	0.0	0.0	0.66	0.0	0.0	0.38
E.(CF)ACUMINATUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38
S.SCALARIS	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
SPIROCYRTIS 2	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.33	0.0	0.0	0.0
P.PRAET.PRAET	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.55	0.0	0.0	0.0	0.0
P.PRAET.EUCCLP	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
A.CINERIA	0.0	0.0	0.0	0.0	0.0	2.11	0.0	0.0	1.00	0.0	0.0	0.0
B.SCUTUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CALLIMITRA SP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
I.TRACH.CIANAE	0.0	0.0	0.0	0.0	0.0	0.30	0.0	1.10	0.0	0.0	0.0	0.0
T.TRACH.TRACH	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
?P.STRATILCIDES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0

SHELLED ZOOPLANKTON DENSITIES-B.L.M.STUDY

DENSITIES(NOS./CU.M.)-SUMMER-1975

RADIOLARIAN SPECIES-LIVES

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1-I	2-I	3-I	1-II	2-II	3-II	1-III	2-III	3-III	1-IV	2-IV	3-IV
P.PRAET.PRAET	0.0	0.0	0.26	0.0	1.44	0.64	0.0	0.0	0.33	0.0	0.0	1.17
S.TETRAS TETRAS	0.0	0.0	0.53	0.0	5.67	0.0	1.42	0.0	0.0	0.0	0.75	0.78
S.BERMINGHAMI	0.0	0.84	0.26	0.0	1.44	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S.PENTAS	0.0	0.0	0.0	0.0	1.44	0.0	1.42	0.0	0.0	0.0	0.0	0.0
S.?PENTAS	0.0	0.0	0.26	0.0	2.17	0.97	0.0	0.63	0.33	0.0	0.75	0.0
S.GEODESSI	0.0	0.0	0.79	0.0	0.72	0.32	1.42	0.54	0.33	0.0	0.0	0.0
T.OCTACANTHA 1	0.0	0.0	0.0	0.0	0.0	0.97	0.0	0.0	0.67	0.0	0.0	0.0
PHAEO.SPH.	0.0	0.0	0.26	0.0	0.0	0.0	0.0	0.0	0.67	0.0	0.0	1.17
OBLONGA SP.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.67	0.0	0.0	0.0
CENOSPHAERA 6	0.0	0.0	0.53	0.0	0.0	0.32	0.0	2.18	0.0	1.31	0.0	0.78
LOPHOCEPH	0.0	0.0	0.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CIRC.SPONGODISC	0.0	0.0	0.0	0.0	1.44	0.32	0.0	1.09	0.0	0.0	0.75	0.39
ELLIP.SPONGODISC	0.0	0.0	0.0	0.0	1.44	0.32	0.0	0.0	0.0	0.0	0.0	0.0
H.PROFUNDUM AD.	0.0	0.84	1.58	1.61	9.39	0.64	5.66	3.27	0.0	0.0	2.26	0.78
H.PROFUNDUM JUV	0.0	1.69	2.38	0.0	25.28	3.11	2.83	8.17	2.67	0.0	0.0	0.78
ACANTHARIAN SP.	0.0	0.84	0.0	0.0	0.0	0.64	0.0	0.0	0.0	0.0	0.0	0.0
L.MARITALIS POLY	0.0	0.84	0.26	0.0	2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E.EURCATA	0.0	0.0	0.26	0.0	0.0	0.0	0.0	1.63	0.0	0.0	0.0	0.0
E.ELEGANS	0.0	0.0	1.32	0.0	4.33	0.0	0.0	3.81	0.67	0.0	0.0	0.0
S.TETRAS IRREG.	0.0	0.0	0.0	0.0	0.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E.SPINUS	0.0	0.0	0.0	0.0	0.72	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E.B.COLLOSE.	0.0	0.0	0.0	0.0	0.0	0.32	0.0	0.0	0.0	0.0	0.0	0.0
B.INVAGINATA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.36	0.0	0.0	0.0	0.0
D RING 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.51	0.0
S.GLACIALIS AD.	0.0	0.0	0.26	0.0	0.0	0.32	0.0	0.54	1.00	0.0	0.0	0.0

S.GLACIALIS JUV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.54	0.0	0.0	0.0	0.39
CYBOSPHAERID 2	0.0	0.0	0.26	0.0	0.0	0.32	0.0	0.0	0.0	0.0	0.0	0.0
ACTINOMA 1	0.0	10.11	0.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
O.TETRATHALAMUS	0.0	0.0	0.53	0.0	2.17	0.0	0.0	0.0	0.0	0.0	0.0	0.39
S.STREPTACANTHA	0.0	0.84	0.79	0.0	2.17	0.0	0.0	0.54	0.0	0.0	0.0	0.39
D.POLYGONALIS	0.0	0.0	0.0	0.0	0.72	1.27	0.0	0.54	0.33	0.0	0.0	0.0
S.BISPICULUM	0.0	0.0	0.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.CAUDATUM	0.0	0.0	0.0	0.0	0.0	0.64	0.0	0.0	0.0	0.0	0.0	0.0
C.SPHAERULITES	0.0	0.0	0.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P.ZANCLEUS	1.97	0.0	0.0	0.0	0.0	0.0	0.0	1.09	0.0	0.0	0.0	0.39
L.VICHOWII	0.0	0.84	0.79	0.0	0.0	0.0	0.0	2.18	0.0	0.0	0.0	0.0
SPIROCYRTIS 2	0.0	0.0	0.0	0.0	0.0	0.32	0.0	0.0	0.0	0.0	0.0	0.39
A.CINERIA	0.0	0.0	0.26	0.0	0.0	0.64	0.0	0.0	0.0	0.0	0.0	0.0

SPELLED ZOOPLANKTON DENSITIES-U.L.M.STUDY

DENSITIES(NOS./CU.M.)-WINTER-1974

RADIOLARIAN SPECIES-DEADS

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1-I	2-I	3-I	1-II	2-II	3-II	1-III	2-III	3-III	1-IV	2-IV	3-IV
H.PROFUNDUM JUV	0.0	0.82	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CENOSPHAERA 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.IRREGULARIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACTINOMA 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.38
ASTROSPHAERID 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
T.OCTALANTHA 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38
ASTROSPHAERID 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0
S.STREPTACANTHA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
D.POLYGONALIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RADIOLARIAN 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.41	0.0	0.0
A.(CF)MEDIARUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
H.DODECANTHA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPYROID 4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P.ZANCLEUS	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.77
L.VICHOWII	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
T.TRICOSTATUM	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38
CALOCYCLAS 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
S.SCALARIS	0.0	0.0	1.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SHELLED ZOOPLANKTON DENSITIES-B.L.M.STUDY

DENSITIES(NOS./CU.M.)-SPRING-1975

RADIOLARIAN SPECIES-BEABS

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1-I	2-I	3-I	1-II	2-II	3-II	1-III	2-III	3-III	1-IV	2-IV	3-IV
H.PROFUNDUM JUV	0.0	0.22	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CENOSPHAERA 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.IRREGULARIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ACTINOMA 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.38
ASTROSPHAERID 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
T.OCTACANTHA 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38
ASTROSPHAERID 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0
S.STREPTACANTHA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
D.POLYGONALIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RADIOLARIAN 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.41	0.0	0.0
A.(CF)MEDIARUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
H.DODECANTHA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPYROID 4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P.ZANCLEUS	0.0	0.0	0.0	0.0	0.0	0.38	0.0	0.0	0.0	0.0	0.0	0.77
L.VICHOWII	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
T.TRICOSTATUM	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38
CALOCYCLAS 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
S.SCALARIS	0.0	0.0	1.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SHELLED ZOOPLANKTON DENSITIES-B.L.M.STUDY

DENSITIES(NOS./CU.M.)-SUMMER-1975

RADIOLARIAN SPECIES-DEADS

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1-I	2-I	3-I	1-II	2-II	3-II	1-III	2-III	3-III	1-IV	2-IV	3-IV
L.MARITALIS POLY	0.0	0.0	0.53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
L.VICHOWII	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S.GLACIALIS JUV	0.0	0.0	0.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
T.OCTALANTHA 1	0.0	0.0	0.26	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
OBLONGA SP.	0.0	0.0	0.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SHELLED ZOOPLANKTON DENSITIES-B.L.M. STUDY

DENSITIES(NOS./CU.M.)-WINTER-1974

FORAMINIFERA SPECIES-LIVES

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1-I	2-I	3-I	1-II	2-II	3-II	1-III	2-III	3-III	1-IV	2-IV	3-IV
G.(CF)INCOMTA	1.76	0.0	0.60	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0
G.TENELLUS	1.76	2.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G.FALCONENSIS	0.0	9.05	7.86	0.0	2.21	1.51	0.0	1.10	3.33	0.0	0.75	3.49
G.RUBER	0.0	2.46	2.41	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.27	1.16
G.PACHYDERMA	0.0	0.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G.RUBESCENS	0.0	0.82	3.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	0.38
G.AEQUILATERALIS	0.0	0.82	0.30	0.0	0.0	0.60	0.0	0.0	0.33	0.0	0.75	0.0
G.(?)QUINQUELOBA	0.0	3.29	2.72	0.0	0.0	1.81	0.0	0.0	0.66	0.0	4.51	0.38
G.BULLOIDES	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.55	0.33	0.0	1.50	0.0
G.TRUNCATULINOID	0.0	0.0	3.02	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.88
G.BULL-FALCONEN	0.0	0.0	3.02	0.0	0.0	0.0	0.0	0.55	0.33	0.0	4.51	0.38
G.SP.	0.0	0.0	1.51	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0
P.OBLIQUILOCULA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
G.(CF)TOSAENSIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75	0.0
O.UNIVERSA	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.PEREGRINA	0.0	0.82	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.HISPIDO-COSTAT	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.CONCENTRICUS	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75	0.0
B.SUBAENARIENSIS	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.AUBERIANA	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.CURVATA	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B.SPINATA COSTAT	0.0	0.0	0.30	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E.TUMICULUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50	0.0
MARGINULINA SP.	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N.ANTILLARUM	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

B.SPINATA-TRANS	0.0	0.0	1.51	0.0	0.0	0.0	0.0	0.0	0.0	1.41	0.75	0.0
N.BASILOBA	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
V.(CF)ARAUCANA	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S.BECCARI	0.0	0.0	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75	0.0
C.(CF)SUBGLOBOSA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75	0.0
?EPONIDES SP.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75	0.0
L.SPIRATA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SHELLED ZOOPLANKTON DENSITIES-B.L.M.STUDY

DENSITIES(NOS./CU.M.)-SPRING-1975

FORAMINIFERA SPECIES-LIVES

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1-I	2-I	3-I	1-II	2-II	3-II	1-III	2-III	3-III	1-IV	2-IV	3-IV
G.(CF)INCOMTA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G.TENELLUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G.FALCONENSIS	0.0	8.22	0.26	0.0	0.0	0.90	0.0	0.55	1.00	0.0	0.75	0.0
G.RUBER	0.0	0.0	0.79	0.0	0.0	0.90	0.0	0.0	2.33	0.0	1.50	0.0
G.PACHYDERMA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G.RUBESCENS	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
G.AEQUILATERALIS	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	1.16
G.(?)QUINQUELOBA	0.0	3.87	1.84	0.0	0.0	0.0	0.0	4.42	0.33	0.0	1.50	0.77
G.BULLOIDES	0.0	0.0	0.26	0.0	0.0	2.72	0.0	0.0	2.00	0.0	0.0	0.38
G.TRUNCATULINOID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G.BULL-FALCONEN	0.0	0.82	0.0	0.0	0.0	0.0	0.0	2.21	0.33	0.0	0.0	0.38
G.SP.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P.OBLIQUILOCULA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G.(CF)TOSAENSIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
O.UNIVERSA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.PEREGRINA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.75	0.0
U.HISPIDO-COSTAT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.CONCENTRICUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B.SUBAENARIENSIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.AUBERIANA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.CURVATA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B.SPINATA COSTAT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E.TUMIDULUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MARGINULINA SP.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N.ANTILLARUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

G.SPINATA-TRANS	24.76	2.46	0.0	1.60	3.08	0.0	2.72	0.0	0.0	0.0	0.0	0.0
N.BASILOBA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
V.(CF)ARAUCANA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S.BECCARI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.(CF)SUBGLOBOSA	0.0	2.46	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
?EPONIDES SP.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
L.SPIRATA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38

SHELLED ZOOPLANKTON DENSITIES-B.L.M.STUDY

DENSITIES(NOS./CU.M.)-SUMMER-1975

FORAMINIFERA SPECIES-LIVES

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1-I	2-I	3-I	1-II	2-II	3-II	1-III	2-III	3-III	1-IV	2-IV	3-IV
G.FALCONENSIS	0.0	0.0	0.52	0.0	0.0	0.0	0.0	0.54	0.0	0.0	0.75	0.0
G.RUBER	0.0	4.21	1.84	0.0	4.33	0.96	0.0	1.08	3.00	0.0	7.52	3.88
G.AEQUILATERALIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.66	0.0	0.0	0.0
G.(?)QUINQUILOBA	0.0	1.68	0.26	0.0	2.16	0.0	0.0	4.35	1.00	0.0	0.75	1.16
G.BULLOIDES	0.0	0.84	4.75	0.0	19.49	3.53	1.41	2.72	3.33	0.0	5.27	2.72
G.UNIVERSA	0.0	0.0	0.0	0.0	0.0	0.32	0.0	0.0	0.0	0.0	0.0	0.77
H.PELAGICA	0.0	0.0	0.79	0.0	0.0	0.96	0.0	0.54	1.33	0.0	0.0	0.0
B.SPINATA-TRANS	39.31	0.0	0.26	0.0	9.38	0.0	2.83	0.0	0.0	1.31	4.51	0.77

SHELLED ZOOPLANKTON DENSITIES-U.L.M.STUDY

DENSITIES(NOS./CU.M.)-WINTER-1974

FORAMINIFERA SPECIES-DEADS

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1-I	2-I	3-I	1-II	2-II	3-II	1-III	2-III	3-III	1-IV	2-IV	3-IV
G.(CF)INCOMPTA	0.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G.FALCONENSIS	0.0	0.0	1.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G.RUBER	0.0	0.0	1.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38
G.RUBESCENS	0.0	0.82	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G.AEQUILATERALIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G.(?)QUINQUELOBA	0.0	0.0	3.62	0.0	0.0	0.90	0.0	1.10	0.0	1.41	0.0	0.0
G.BULLOIDES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
G.BULL-FALCONEN	0.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G.SP.	0.0	0.0	0.00	0.0	0.0	0.60	0.0	0.0	0.33	0.0	0.0	0.0
C.CONCENTRICUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75	0.0
U.AUBERIANA	0.0	0.0	1.81	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HISPIDO-COSTAT	0.0	0.0	0.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E.TUMIDULUS	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.25	0.0
FISSURINA SP.	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BOLIVINA SP.	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
A.BELLA	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.COMPTA	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B.ACULEATA	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
R.(CF)MICCENICA	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
?GYROIDINA SP.	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
?EPONIDES SP.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75	0.0
N.(?)EXPONENS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E.SUBAENARIENSIS	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
F.(CF)CRASSICAR	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.MOLLIS	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MARGINULINA SP.	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N.ANTILLARUM	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SHELLED ZOOPLANKTON DENSITIES-J.L.M.STUDY

DENSITIES(NOS./CU.M.)-SPRING-1975

FORAMINIFERA SPECIES-DEADS

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1-I	2-I	3-I	1-II	2-II	3-II	1-III	2-III	3-III	1-IV	2-IV	3-IV
G.(CF)INCERTA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G.FALCONENSIS	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0
G.RUBER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G.RUBESCENS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G.AEQUILATERALIS	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
G.(?)QUINQUELOBA	0.0	0.0	0.26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G.BULLOIDES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G.BULL-FALCENEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
G.SP.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.CONCENTRICUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.AUBERIANA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
.HISPIDO-COSTAT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E.TUMIDULUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FISSURINA SP.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
BOLIVINA SP.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
A.BELLA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.COMPTA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B.ACULEATA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
R.(CF)MIOCENICA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
?GYROIDINA SP.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
?EPONIDES SP.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N.(?)EXPONENS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
B.SUBAENARIENSIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P.(CF)CRASSICAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.MOLLIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MARGINULINA SP.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
N.ANTILLARUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SHELLED ZOOPLANKTON DENSITIES-B.L.M.STUDY

DENSITIES(NOS./CU.M.)-SUMMER-1975

FORAMINIFERA SPECIES-DEADS

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1-I	2-I	3-I	1-II	2-II	3-II	1-III	2-III	3-III	1-IV	2-IV	3-IV
G.(?)QUINQUILOBA	0.0	0.0	0.0	0.0	0.72	0.0	0.0	0.54	0.0	0.0	0.0	0.0
G.BULLOIDES	1.96	0.0	0.26	0.0	0.0	0.32	0.0	0.0	0.0	0.0	0.0	0.0

SHELLED ZOOPLANKTON DENSITIES-B.L.M.STUDY

DENSITIES(NOS./CU.M.)-WINTER-1974

PTEROPOD SPECIES-LIVES

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1-I	2-I	3-I	1-II	2-II	3-II	1-III	2-III	3-III	1-IV	2-IV	3-IV
L.(CF)INFLATA	1.76	0.0	0.0	0.0	0.0	2.72	0.0	0.0	0.33	0.0	0.0	0.38
L.HELICOIDES	7.07	2.46	0.90	1.60	1.47	4.83	0.0	10.50	7.01	15.56	36.13	2.33
LIMACINA J	1.76	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.ACICULA	0.0	1.64	0.0	0.43	0.73	0.30	0.0	1.10	1.66	0.0	15.81	0.0
L.BULLIMOIDES RT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
L.INFLATA	0.0	1.64	3.02	0.0	0.73	1.51	0.0	0.55	3.67	4.24	3.76	8.55
?L.INFLATA RT	0.0	1.64	0.30	0.0	2.94	0.0	0.0	0.0	3.00	1.41	0.0	0.0
L.LESUEURI	0.0	0.0	0.0	4.82	0.0	0.0	0.0	0.0	0.0	0.0	1.50	1.16
?L.INFLATA2 RT	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
?L.INFLATA3 RT	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	1.55
?L.RETROVERSA RT	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
?L.(CF)INFLATA 1	0.0	0.0	0.0	0.0	0.0	1.20	0.0	0.0	0.0	0.0	4.51	0.0
?L.HELICOIDES	0.0	0.0	0.0	0.0	0.0	0.0	2.72	0.0	0.0	0.0	0.0	0.0
E.CAMPYLURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	1.00	0.0	0.0	0.77
?L.INFLATA4 RT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0
?L.TROCHIFORMIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
C.VIRG CONSTRIC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75	0.0
?L.INFLATA5 RT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.27	0.77
?L.LESUEURI RT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
?P.RETICULATA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P.?RETICULATA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LIMACINA SP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LIMACINA J	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
?L.INFLATA6 RT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
?L.RETROVERSA RT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SHELLED ZOOPLANKTON DENSITIES-B.L.M.STUDY

DENSITIES(NOS./CU.M.)-SPRING-1975

PTEROPOD SPECIES-LIVES

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1-I	2-I	3-I	1-II	2-II	3-II	1-III	2-III	3-III	1-IV	2-IV	3-IV
L.(CF)INFLATA	0.0	8.22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.73	0.0	4.27
L.HELICOIDES	7.07	4.11	0.26	0.0	0.0	0.90	4.00	0.0	0.33	12.73	8.28	6.61
LIMACINA 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0
C.ACICULA	0.0	0.0	0.0	0.0	20.04	0.0	6.80	2.21	0.33	0.0	7.52	6.99
L.BULLIMOIDES RT	0.0	39.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
L.INFLATA	0.0	23.66	0.0	0.0	29.48	7.00	0.0	4.42	2.67	0.0	3.01	0.38
?L.INFLATA RT	0.0	0.0	0.0	0.0	0.73	0.0	0.0	0.0	0.0	0.0	1.50	0.0
L.LESUEURI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	1.50	0.0
?L.INFLATA2 RT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
?L.INFLATA3 RT	0.0	2.46	0.0	0.0	6.05	0.30	0.0	4.97	0.0	0.0	0.75	1.94
?L.RETROVERSA RT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
?L.(CF)INFLATA 1	1.76	0.0	0.0	0.0	0.0	1.81	0.0	0.0	0.0	0.0	0.0	0.0
?L.HELICOIDES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0
E.CAMPYLURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.66	0.0	0.75	0.77
?L.INFLATA4 RT	0.0	0.0	0.0	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
?L.TROCHIFORMIS	0.0	0.0	0.0	1.00	3.00	0.0	0.0	0.0	0.0	0.0	0.0	0.38
C.VIRG CONSTRIC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
?L.INFLATA5 RT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.02	6.22
?L.LESUEURI RT	0.0	5.75	0.0	1.00	10.52	0.0	0.0	0.0	0.0	1.41	0.0	0.0
?P.RETICULATA	0.0	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0
P.?RETICULATA	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
LIMACINA SP	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
LIMACINA 3	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	1.41	17.31	0.0
?L.INFLATA6 RT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.76	1.00	0.0	0.0	0.0
?L.RETROVERSA RT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75	0.0

SHELLED ZOOPLANKTON DENSITIES-B.L.M.STUDY

DENSITIES(NOS./CU.M.)-SUMMER-1975

PTEROPOD SPECIES-LIVES

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1-I	2-I	3-I	1-II	2-II	3-II	1-III	2-III	3-III	1-IV	2-IV	3-IV
C.ACICULA	3.93	3.37	0.79	3.21	33.21	4.50	33.97	36.47	0.0	65.52	12.04	1.55
L.INFLATA	0.0	0.0	1.58	0.0	4.33	2.57	1.41	5.98	1.00	0.0	1.50	0.39
?L.INFLATA RT	0.0	0.0	0.79	0.0	0.72	0.96	7.07	3.81	0.0	11.79	3.76	0.0
L.LESUEURI	0.0	4.21	2.11	0.0	36.10	4.82	0.0	42.46	3.67	3.93	85.82	1.94
E.CAMPYLURA	0.0	1.68	1.05	0.0	1.44	9.00	0.0	1.63	0.0	0.0	0.0	0.0
?L.TROCHIFORMIS	0.0	2.52	0.0	0.0	4.33	0.32	0.0	0.0	0.0	2.62	0.0	0.0
?L.LESUEURI RT	5.89	5.89	0.26	0.0	2.16	1.28	0.0	16.87	1.33	9.17	6.02	0.77
L.TROCHIFORMIS	0.0	0.0	0.0	0.0	0.0	0.32	0.0	0.0	0.33	0.0	0.75	0.0
L.BULLIMOIDES RT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.62	0.0	0.0	0.0	0.0

SHELLED ZOOPLANKTON DENSITIES-B.L.M.STUDY

DENSITIES(NOS./CU.M.)--INTER-1974

PTEROPOD SPECIES-DEADS

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1-I	2-I	3-I	1-II	2-II	3-II	1-III	2-III	3-III	1-IV	2-IV	3-IV
L.(CF) INFLATA	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
L.HELICOIDES	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.75	0.0
C.ACICULA	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
L.INFLATA	0.0	0.0	1.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
L.LESUEURI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
?L.(CF)INFLATA 1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E.CAMPYLURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
?L.TROCHIFORMIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0

SELLED ZOOPLANKTON DENSITIES-S.L.M.STUDY

DENSITIES(NOS./CU.M.)-SPRING-1975

PTEROPOD SPECIES-DEADS

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1-I	2-I	3-I	1-II	2-II	3-II	1-III	2-III	3-III	1-IV	2-IV	3-IV
L.(CF)INFLATA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38
L.HELICOIDES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38
C.ACICULA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
L.INFLATA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.55	0.0	0.0	0.0	0.0
L.LESUEURI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.33	0.0	0.0	0.0
?L.(CF)INFLATA]	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0
E.CAMPYLURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.38
?L.TRUNCIFORMIS	0.0	0.0	0.0	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SPELLED ZOOPLANKTON DENSITIES=D.L.M. STUDY

DENSITIES(NOS./CU.M.)=WINTER=1974

OSTRACOD SPECIES=LIVES

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1=I	2=I	3=I	1=II	2=II	3=II	1=III	2=III	3=III	1=IV	2=IV	3=IV
SPECIES 1	0.0	0.0	0.0	0.0	0.75	0.0	1.36	0.0	0.0	1.41	3.76	0.0
SPECIES 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75	0.0
SPECIES 3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SHELLED ZOOPLANKTON DENSITIES-G.L.M.STUDY

DENSITIES(NOS./CU.M.)-SPRING-1975

OSTRACOD SPECIES-LIVES

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1-I	2-I	3-I	1-II	2-II	3-II	1-III	2-III	3-III	1-IV	2-IV	3-IV
SPECIES 1	0.0	139.89	0.0	11.25	12.53	0.60	0.0	5.52	1.66	1.41	7.52	2.72
SPECIES 2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SPECIES 3	0.0	39.60	0.0	0.0	0.0	0.0	0.0	0.55	0.33	0.0	1.50	0.77

SHELLED ZOOPLANKTON DENSITIES=G.L.M.STUDY

DENSITIES(NOS./CU.M.)=WINTER=1974=75

BENTHONIC FORAMS=LIVES

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1=I	2=I	3=I	1=II	2=II	3=II	1=III	2=III	3=III	1=IV	2=IV	3=IV
R.COMPRIMA	0.0	0.0	0.0	0.0	11.00	0.0	0.40	0.0	0.90	3.00	0.50	0.0
A.PSEUDOSPIRALIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.00	0.0	0.0
S.AFFINIS	0.0	7.60	0.0	4.30	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0
T.CANDEIANA	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
T.PARVULA	1.10	0.60	0.0	2.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E.SP.	0.0	0.80	0.0	4.30	0.0	0.0	0.80	0.0	0.0	0.80	0.0	0.0
B.LOWMANI	44.20	54.20	0.0	48.90	37.00	0.0	10.00	3.20	1.80	13.50	4.20	0.80
B.BASSENDORFENSI	1.10	2.30	0.0	4.30	11.00	0.0	5.40	0.0	0.0	3.00	0.50	0.0
E.ACULEATA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0
B.MARGINATA	0.0	1.50	0.0	0.0	0.0	0.0	0.20	0.0	0.0	1.50	0.0	0.0
R.ATLANTICA	0.0	0.80	0.0	0.0	0.0	0.0	0.0	6.50	0.90	0.0	0.0	0.0
S.PULCHELLA.PRIM	0.0	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.50	0.0
T.BELLA	1.00	7.60	0.0	0.0	0.0	0.0	0.0	9.70	0.0	0.0	1.10	0.0
U.PARVULA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.50	3.50	0.0	0.0	22.70
U.PEREGRINA	0.0	0.0	11.10	0.0	0.0	0.0	0.0	0.0	6.10	0.0	0.0	1.60
B.HANNAI	0.0	3.10	0.0	0.0	0.0	0.0	0.0	6.50	0.0	0.0	1.10	0.0
C.SAGRA	0.0	0.0	0.0	0.0	0.0	33.30	0.0	0.0	0.90	0.80	1.60	2.30
E.VITREA	2.10	3.80	0.0	0.0	0.0	0.0	0.60	0.0	0.0	1.50	0.0	0.0
S.BRADYANA	0.0	0.0	33.30	0.0	0.0	0.0	0.0	0.0	3.50	0.0	0.50	3.10
S.PULCHRA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.80
A.BECCARII	0.0	0.80	0.0	6.20	0.0	0.0	3.80	0.0	0.0	4.50	0.50	0.0
A.PAUCILOCULATA	0.0	0.0	0.0	0.0	0.0	0.0	0.40	0.0	0.0	0.0	0.0	0.0
E.GUNTERI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.10	0.0
E.POEYANUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.30	1.60	0.0
E.REPANDUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90	0.0	0.50	5.50

N.ANTILLARUM	0.0	0.0	11.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.MOLLIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.80	0.0	0.0	6.30
C.UMBONATUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.70	0.0	0.0	0.0
F.PONTONI	26.30	4.60	0.0	0.0	0.0	0.0	2.30	16.10	15.80	12.80	39.50	13.30
C.SUBGLOBOSA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.80	0.0	0.50	1.60
F.ASTRICTA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.60
F.ATLANTICUS	3.20	0.0	0.0	0.0	16.00	0.0	1.30	0.0	0.90	6.80	7.40	0.0
F.GRATELOUPI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.60	0.0	0.50	1.60
N.BASILOBA	15.80	0.0	0.0	17.00	21.00	0.0	73.30	6.50	8.80	37.60	30.00	3.10
M.STRATTONI	0.0	6.90	0.0	0.0	0.0	0.0	0.0	22.60	6.10	3.00	4.20	14.10
M.BARLEEANUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.30
L.SP.	0.0	0.0	0.0	2.10	0.0	0.0	0.20	0.0	0.0	0.0	0.0	0.0
C.SP.	0.0	0.0	22.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.50	0.0
B.SPINATA	2.10	0.0	0.0	0.0	0.0	0.0	0.60	19.40	6.10	2.30	1.60	11.70
R.ADVENA	0.0	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B.FRAGILIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.50	2.30
B.HASTATA	1.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.50	2.30
B.SUBSPINESCENS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.20	4.40	0.0	0.0	0.0
S.SP.	0.0	0.0	0.0	2.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B.ELEGANTISSIMA	0.0	0.0	0.0	2.10	5.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0
M.WARRENI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.80
B.IRREGULARIS	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
D.SP.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0
L.CALCAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.80
L.NEBULOSA	0.0	0.0	0.0	0.0	0.0	33.30	0.0	0.0	0.0	0.0	0.0	0.0
B.BARBATA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0
B.ORDINARIA	0.0	0.0	0.0	0.0	0.0	0.0	0.40	0.0	0.0	0.0	0.0	0.0
U.BELLULA	0.0	0.0	22.20	0.0	0.0	0.0	0.0	0.0	9.70	0.0	0.0	1.60
Q.COMPTA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.80	0.0	0.0
S.MINUTA	1.00	0.80	0.0	0.0	0.0	0.0	0.40	0.0	0.0	0.0	0.0	0.0
C.FLORIDANUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0

F.COMPRESSA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.50	0.0	0.0	0.0
IF.SPINICOSTATA	0.0	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
V.PERTUSA	0.0	0.0	0.0	6.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
H.ELEGANS	0.0	0.0	0.0	0.0	0.0	33.30	0.0	0.0	0.0	0.0	0.0	0.0
L.ATLANTICA	0.0	0.0	0.0	2.40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S.COMPLANATA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.10	0.0
B.SUBAENARIENSIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.90	0.0	0.0	0.0

SHELLED ZOOPLANKTON DENSITIES-B.L.M.STUDY

DENSITIES(NOS./CU.M.)-SPRING-1975

BENTHONIC COPANG-LIKES

SPECIES NAME	STATION NUMBER AND TRANSECT											
	1-I	2-I	3-I	1-II	2-II	3-II	1-III	2-III	3-III	1-IV	2-IV	3-IV
P.COMPRIMA	0.10	0.0	0.0	0.0	0.0	0.0	0.50	0.0	0.0	1.50	0.0	0.0
A.PSEUDOSPIRALIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	2.00	0.0	0.0
S.AFFINIS	0.0	1.20	0.0	0.0	0.0	0.0	0.0	2.10	0.0	1.50	0.0	0.0
T.CANDELIANA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0
T.PARVULA	0.0	[illegible]	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E.SP.	0.0	0.0	0.0	0.0	0.0	0.0	2.60	0.0	0.0	3.40	0.0	0.0
B.LOWMANI	70.50	10.70	0.0	21.40	0.0	0.0	36.30	5.20	3.30	21.30	25.70	2.60
B.BASSENDORFENSI	1.00	4.10	0.0	45.20	2.30	0.0	28.10	2.10	0.0	6.90	0.0	0.0
B.GIBBA	0.0	0.0	0.0	0.0	0.0	0.0	0.20	0.0	0.0	0.0	0.0	0.0
B.ACULEATA	0.0	0.0	0.0	0.0	0.0	0.0	0.20	0.0	0.0	0.0	0.0	0.0
B.MARGINATA	0.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0
P.ATLANTICA	0.0	0.0	0.0	0.0	0.80	0.0	0.0	1.00	0.0	0.0	0.0	0.0
S.PULCHELLA.PRIM.	0.0	0.0	0.0	0.0	0.60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
T.BELLA	0.0	4.80	0.0	0.0	2.30	0.0	0.0	9.40	6.70	0.0	0.0	0.0
U.PARVULA	0.0	0.0	0.0	0.0	0.80	0.0	0.0	2.10	3.30	0.0	0.0	2.60
U.PERCRINA	0.0	1.20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
B.HANNAI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
C.SAGAX	0.0	3.60	0.0	0.0	3.10	0.0	0.0	0.0	0.0	1.00	1.00	0.0
E.VITREA	0.0	0.0	0.0	2.40	0.0	0.0	0.70	0.0	0.0	3.50	0.0	7.70
S.BRADYANA	0.0	0.0	0.0	0.0	0.0	6.90	0.0	3.10	0.0	0.0	0.0	5.10
S.PULCHRA	0.0	0.0	0.0	0.0	0.0	3.50	0.0	0.0	0.0	0.0	0.0	0.0
A.BECCARII	15.70	0.0	0.0	11.90	0.0	0.0	5.00	0.0	0.0	5.90	0.0	0.0
A.PAUCILOCULATA	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E.CUNTERI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.50	0.0	0.0
E.POSYANUM	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.50	0.0	0.0

E.PERANDUS	0.0	0.0	0.0	0.0	0.0	10.40	0.0	0.0	6.70	0.0	0.0	0.0
N.ANTILLARUM	0.0	0.0	0.0	0.0	0.0	3.50	0.0	0.0	0.0	0.0	0.0	0.0
C.MOLLIS	0.0	0.0	0.0	0.0	0.0	13.80	0.0	3.10	13.30	0.0	3.00	0.0
C.UMBRATUS	0.0	0.0	0.0	0.0	0.0	10.30	0.0	0.0	13.30	0.0	0.0	7.70
F.FONTINI	0.00	44.10	0.0	2.40	57.80	20.70	1.80	15.60	6.70	14.40	21.30	7.70
C.SUBGLOBOSA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.10	3.30	0.0	1.00	0.0
F.ASTERISTA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.20	0.0	0.0	1.00	0.0
F.ATLANTICUS	0.0	2.40	0.0	0.0	0.0	0.0	0.0	0.0	3.30	2.00	3.00	0.0
F.GRATELOUPI	0.0	1.20	0.0	0.0	4.70	3.50	0.20	5.20	0.0	3.50	10.90	0.0
N.BASILOBA	0.70	10.70	0.0	4.80	10.90	0.0	28.30	7.30	0.0	15.30	12.90	18.00
H.STRATTONI	0.0	0.0	0.0	0.0	3.10	3.50	0.0	10.40	6.70	5.40	8.90	15.40
M.HARLEQUANUS	0.0	0.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
L.SP.	0.10	0.0	0.0	4.80	0.80	0.0	1.00	0.0	0.0	0.0	0.0	0.0
C.SP.	0.0	0.0	0.0	0.0	0.0	6.90	0.0	4.20	13.30	0.0	0.0	2.60
B.SPINATA	0.0	5.30	0.0	0.0	12.50	6.90	0.20	13.50	16.70	2.00	8.90	15.40
R.ADVENA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0
B.FRAGILIS	0.0	0.0	0.0	0.0	0.0	6.90	0.0	0.0	0.0	0.0	0.0	7.70
B.HASTATA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.60
B.SUBSERRESCENS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.30	0.0	0.0	0.0	0.0
S.SP.	0.0	0.0	0.0	0.0	0.0	0.0	0.30	0.0	0.0	0.0	0.0	0.0
B.ELEGANTISSIMA	8.20	0.0	0.0	4.80	0.0	0.0	4.10	0.0	0.0	0.50	0.0	0.0
B.IRREGULARIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C.FLORIDANUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
F.COMPRESSA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SARACENARIA.SP.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.60
L.SPIRATA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.30	0.0	0.0	2.60
O.CUBENSE	0.0	0.0	0.0	0.0	0.0	0.0	0.20	0.0	0.0	0.0	0.0	0.0
T.JAMAICENSIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
T.JAMAICENSIS	0.0	0.0	0.0	0.0	0.0	3.50	0.0	0.0	0.0	0.0	0.0	0.0
G.AEQUA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00	0.0	0.0	0.0	0.0

The Department of the Interior Mission

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering sound use of our land and water resources; protecting our fish, wildlife, and biological diversity; preserving the environmental and cultural values of our national parks and historical places; and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people by encouraging stewardship and citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

The Minerals Management Service Mission

As a bureau of the Department of the Interior, the Minerals Management Service's (MMS) primary responsibilities are to manage the mineral resources located on the Nation's Outer Continental Shelf (OCS), collect revenue from the Federal OCS and onshore Federal and Indian lands, and distribute those revenues.

Moreover, in working to meet its responsibilities, the **Offshore Minerals Management Program** administers the OCS competitive leasing program and oversees the safe and environmentally sound exploration and production of our Nation's offshore natural gas, oil and other mineral resources. The MMS **Minerals Revenue Management** meets its responsibilities by ensuring the efficient, timely and accurate collection and disbursement of revenue from mineral leasing and production due to Indian tribes and allottees, States and the U.S. Treasury.

The MMS strives to fulfill its responsibilities through the general guiding principles of: (1) being responsive to the public's concerns and interests by maintaining a dialogue with all potentially affected parties and (2) carrying out its programs with an emphasis on working to enhance the quality of life for all Americans by lending MMS assistance and expertise to economic development and environmental protection.