

THE CATALOGUE OF OCEANOGRAPHIC DATA OF  
NORTHEAST INDIAN OCEAN



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## Preface

This catalogue contains some parts of the oceanographic data collected by MV.SEAFFDEC during Cruise no. 17-10/1994, 18-11/1994, 19-1/1995, 20-2/1995, 21-2/1995, 28-10/1995, 29-1/1996, 30-2/1996, 37-9/1996, 39-2/1997 and 44-7/1997 between 1994-1997. These cruises were scheduled to carry out shipboard training for SEAFDEC trainees of various courses such as Fishing Technology, Marine Engineering, Hydroacoustic equipment use, Local fishermen, and Pelagic fishery courses and to conduct an oceanographic survey under the projects of Studies on fishing ground conditions along the cruise track of the training vessel. The survey areas were northeast Indian Ocean.

The results reported in this catalogue are numerical sequences by catalogue number. The catalogue no. was created from the year, the month and the number of the station, the first numbers (two digits) being the year, the next two digits being the month and the last two represent the station number during that month: for example, Catalogue no. 941001 refers to the 1<sup>st</sup> station during October in 1994.

For readers who may need numerical data of variables listed in this catalogue, please make inquiries to

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Partial details of collection data stations

Cruise no.	No. in Catalogue	Date	GMT	Latitude	Longitude	Collecting data equipment	
						CTD	XBT
17/10/94	941001	25-Oct-94	23:45	02_26.62N	91_33.49E		X
	941002	25-Oct-94	8:25	01_57.22S	90_14.53E	X	
	941003	26-Oct-94	22:30	02_00.34N	90_12.40E		X
	941004	27-Oct-94	6:17	02_38.60S	89_19.31E		X
	941005	27-Oct-94	11:51	03_52.81S	88_56.06E	X	
	941006	28-Oct-94	22:24	02_39.16S	89_05.97E	X	
	941007	29-Oct-94	0:40	02_29.90S	87_02.90E		X
	941008	30-Oct-94	22:28	00_25.75S	89_15.81E	X	
	941009	30-Oct-94	10:00	01_04.83S	90_03.91E	X	
	941010	31-Oct-94	22:22	00_55.74S	89_50.38E		X
18/11/94	941101	10-Nov-94	21:45	02_25.55N	90_24.94E	X	
	941102	10-Nov-94	23:40	00_59.33N	88_38.17E	X	
	941103	12-Nov-94	10:20	02_32.00S	87_51.20E	X	
	941104	14-Nov-94	17:15	04_09.31S	86_21.74E	X	
	941105	14-Nov-94	7:50	04_24.24S	86_18.08E	X	
	941106	15-Nov-94	13:30	03_34.52S	87_32.86E	X	
	941107	18-Nov-94	1:55	03_14.32S	90_35.82E		X
19/1/95	950201	15-Feb-95	19:12	02_01.25S	94_23.93E		X
	950202	18-Feb-95	22:27	02_53.1S	95_14.7E		X
	950203	20-Feb-95	2:45	02_37.67S	95_02.14E		X
	950204	21-Feb-95	22:28	02_00.73S	90_47.77E		X
	950205	22-Feb-95	22:44	01_10.07S	89_54.36E		X
20/2/95	950301	7-Mar-95	2:34	00_47.5S	90_47.04E		X
21/2/95	950302	22-Mar-95	22:56	00_08.1S	92_43.37E		X
	950303	23-Mar-95	23:21	00_10.0S	90_52.57E		X
	950304	25-Mar-95	22:59	00_13.35S	89_29.42E		X
	950305	26-Mar-95	23:32	00_34.42S	88_43.3E		X
	950306	27-Mar-95	23:13	00_26.48N	91_14.60E		X

Remarks : No. in Catalogue 941001

- 94 = year

- 10 = month

- 01 = The station number during that month.

Cruise no.	No. in Catalogue	Date	GMT	Latitude	Longitude	Collecting data equipment	
						CTD	XBT
21/2/95	950307	28-Mar-95	23:04	00_16.5N	91_31.9E		X
28/10/95	951101	7-Nov-95	14:07	03_56.70N	94_18.05E		X
	951102	9-Nov-95	5:40	04_44.86S	93_35.62E	X	
	951103	9-Nov-95	18:30	02_11.70S	93_13.66E		X
	951104	10-Nov-95	1:09	04_50.67S	91_23.03E		X
	951105	10-Nov-95	0:30	04_50.53S	91_23.13E	X	
	951106	11-Nov-95	7:30	05_22.42S	90_25.21E	X	
	951107	12-Nov-95	6:01	04_50.93S	88_35.29E		X
	951108	12-Nov-95	10:35	04_11.74S	86_23.26E		X
	951109	12-Nov-95	16:30	05_14.15S	86_04.20E	X	
	951110	14-Nov-95	18:30	05_31.10S	85_55.22E	X	
	951111	15-Nov-95	20:09	04_08.14S	84_37.22E		X
	951112	17-Nov-95	18:53	01_00.50S	91_23.05E		X
29-1/96	960201	28-Feb-96	14:30	00_12.0S	91_00.0E	X	
	960202	29-Feb-96	2:42	00_29.0S	90_42.2E	X	
	960301	1-Mar-96	7:45	05_36.0S	88_33.7E		X
	960302	1-Mar-96	11:27	06_15.5S	88_43.3E	X	
	960303	2-Mar-96	11:41	06_10.0S	90_37.0E	X	
	960304	3-Mar-96	12:39	06_26.3S	91_39.1E	X	
	960305	4-Mar-96	12:05	06_41.2S	91_42.4E	X	
	960306	5-Mar-96	11:43	06_47.3S	90_50.1E	X	
	960307	6-Mar-96	6:31	06_28.5S	92_15.6E	X	
30-2/1996	960308	18-Mar-96	14:45	06_41.2S	89_45.2E		X
	960309	18-Mar-96	15:03	04_54.5S	94_30.4E	X	
	960310	20-Mar-96	8:21	04_29.4S	94_35.5E	X	
	960311	22-Mar-96	17:38	06_00.2S	89_28.1E	X	
	960312	23-Mar-96	3:05	06_02.4S	89_27.5E	X	
	960313	24-Mar-96	2:59	02_46.1S	89_32.6E	X	
	960314	25-Mar-96	2:59	00_54.4S	90_00.5E	X	

Remarks : No. in Catalogue 941001

- 94 = year

- 10 = month

- 01 = The station number during that month.

Cruise no.	No. in Catalogue	Date	GMT	Latitude	Longitude	Collecting data equipment	
						CTD	XBT
37-9/1996	961101	9-Nov-96	5:00	03_23.4N	94_3.5E		X
	961102	10-Nov-96	1:58	01_16.7S	92_31.6E		X
	961103	10-Nov-96	8:07	01_34.16S	92_05.39E	X	
	961104	11-Nov-96	22:06	01_36.7S	92_34.1E		X
	961105	11-Nov-96	8:06	01_51.58S	92_37.40E	X	
	961106	12-Nov-96	22:40	01_57.0S	92_49.1E		X
	961107	14-Nov-96	22:22	04_55.73S	94_27.76E		X
	961108	15-Nov-96	1:37	05_19.2S	90_24.1E		X
	961109	15-Nov-96	14:47	05_20.5S	87_21.0E		X
	961110	16-Nov-96	1:41	06_05.8S	84_44.1E		X
	961111	17-Nov-96	1:44	04_45.00S	86_50.00E	X	
	961112	17-Nov-96	2:51	04_31.7S	86_50.14E	X	
	961113	19-Nov-96	2:30	02_23.9N	92_20.4E		X
	961114	19-Nov-96	14:20	04_42.5N	94_05.2E		X
39-2/1997	970301	13-Mar-97	3:19	02_43.55S	87_46.93E		X
	970302	16-Mar-97	6:38	04_07.83S	86_16.39E		X
	970303	17-Mar-97	12:17	00_57.70S	88_45.92E		X
	970304	18-Mar-97	23:01	00_19.39N	90_08.15E		X
	970305	19-Mar-97	23:06	04_07.09N	91_08.66E		X
	970306	20-Mar-97	14:35	06_17.26N	95_17.43E		X
44-7/1997	971001	22-Oct-97	6:25	05_25.96N	94_40.50E		X
	971002	23-Oct-97	5:47	02_17.65N	90_22.13E		X
	971003	24-Oct-97	1:30	00_13.43N	89_10.17E	X	
	971004	25-Oct-97	8:42	03_50.47S	88_09.03E		X
	971005	25-Oct-97	16:21	03_23.40S	87_39.00E	X	
	971006	27-Oct-97	21:57	02_40.83S	84_12.66E		X
	971007	27-Oct-97	6:00	02_38.50S	82_59.88E	X	
	971008	28-Oct-97	16:32	03_10.48S	83_34.49E	X	
	971009	30-Oct-97	22:25	00_35.92S	86_31.25E		X

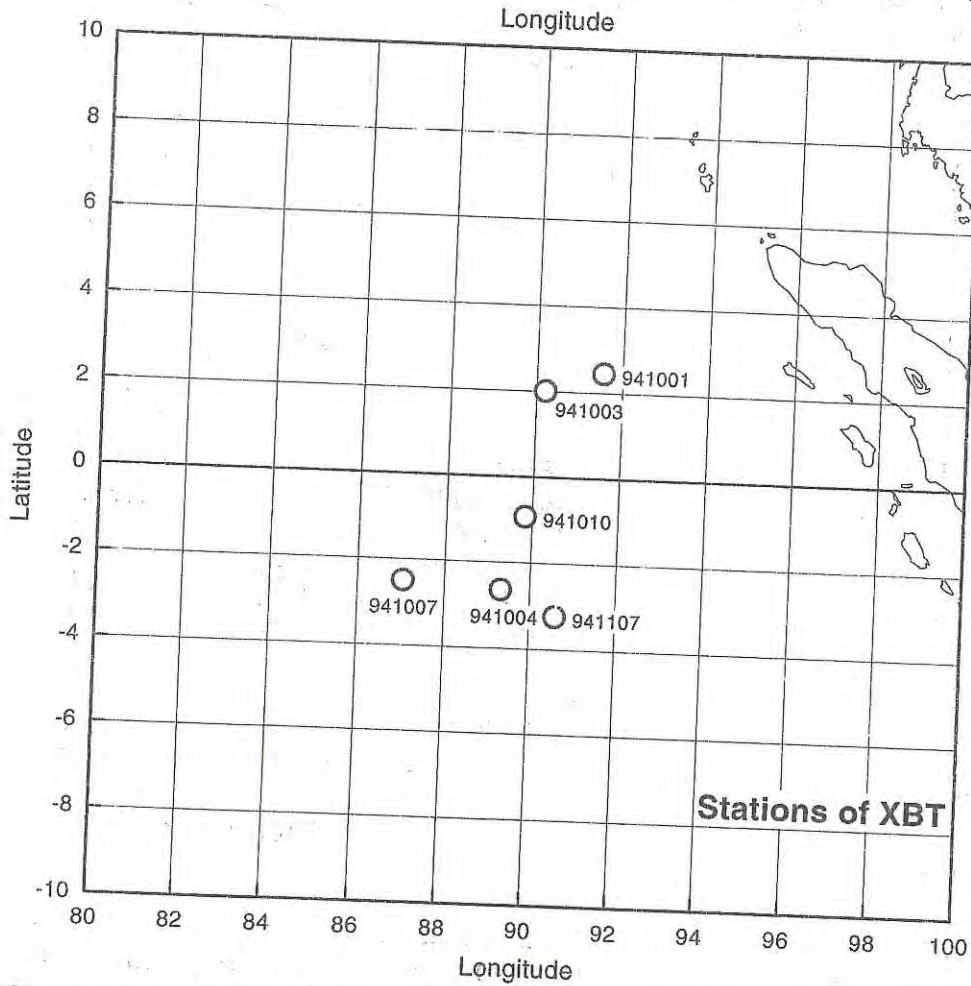
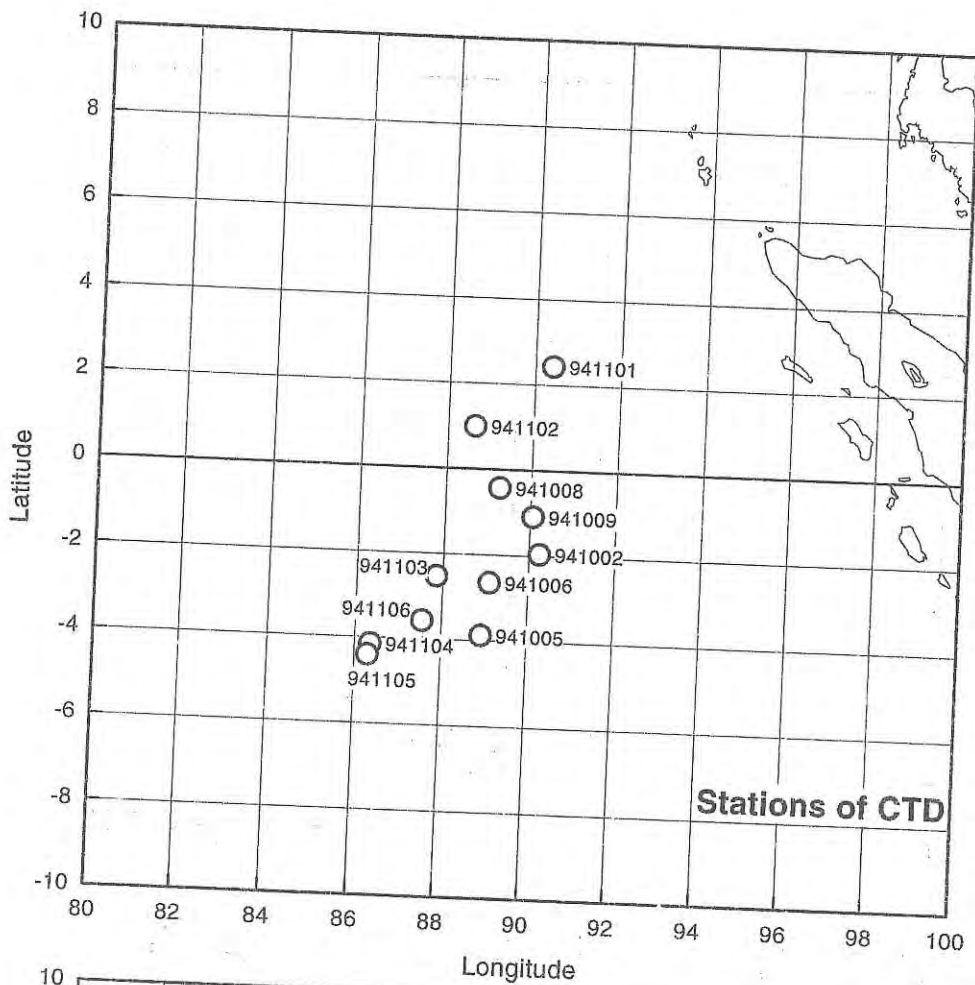
Remarks : No. in Catalogue 941001

- 94 = year

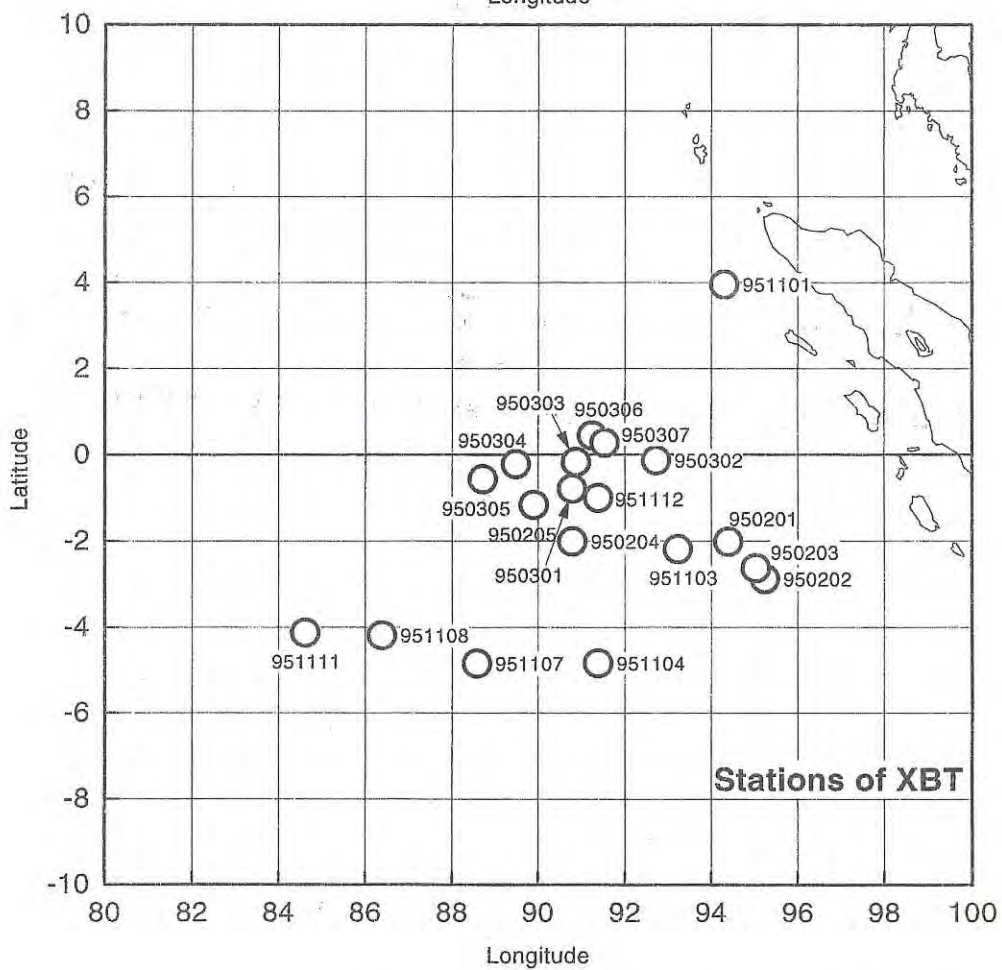
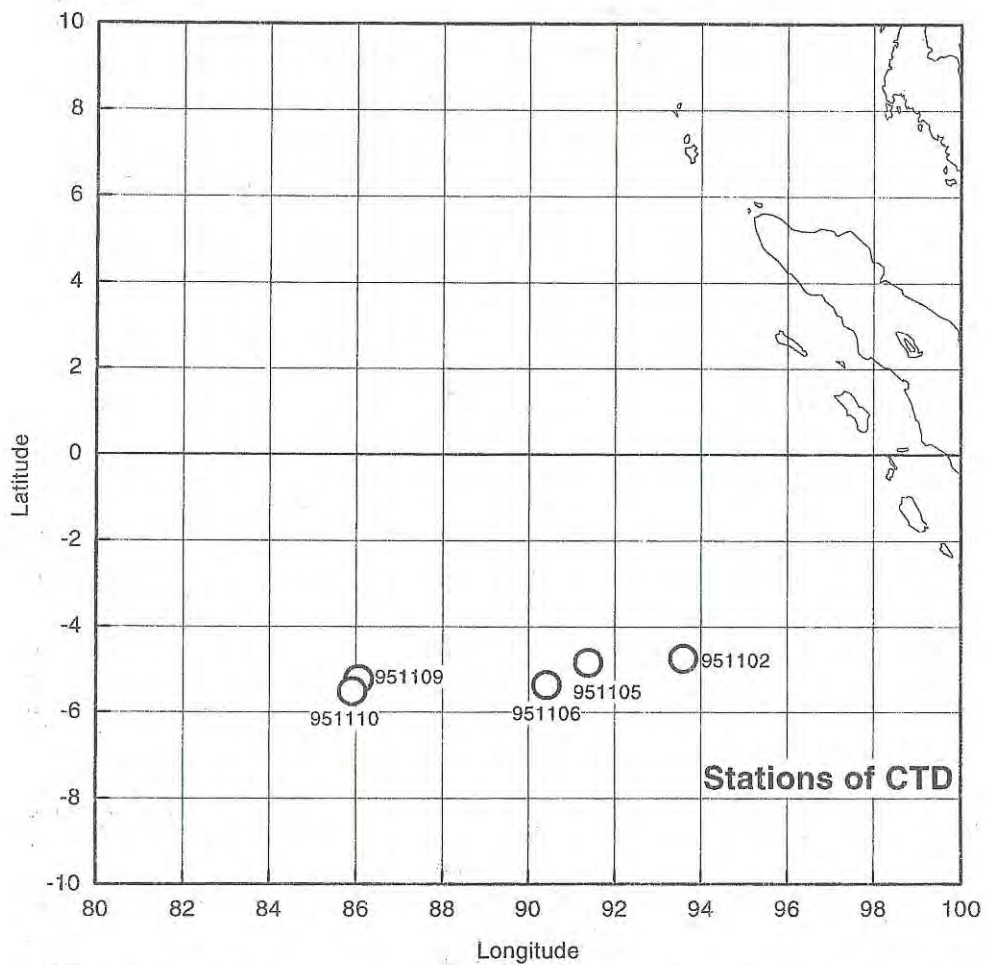
- 10 = month

- 01 = The station number during that month.

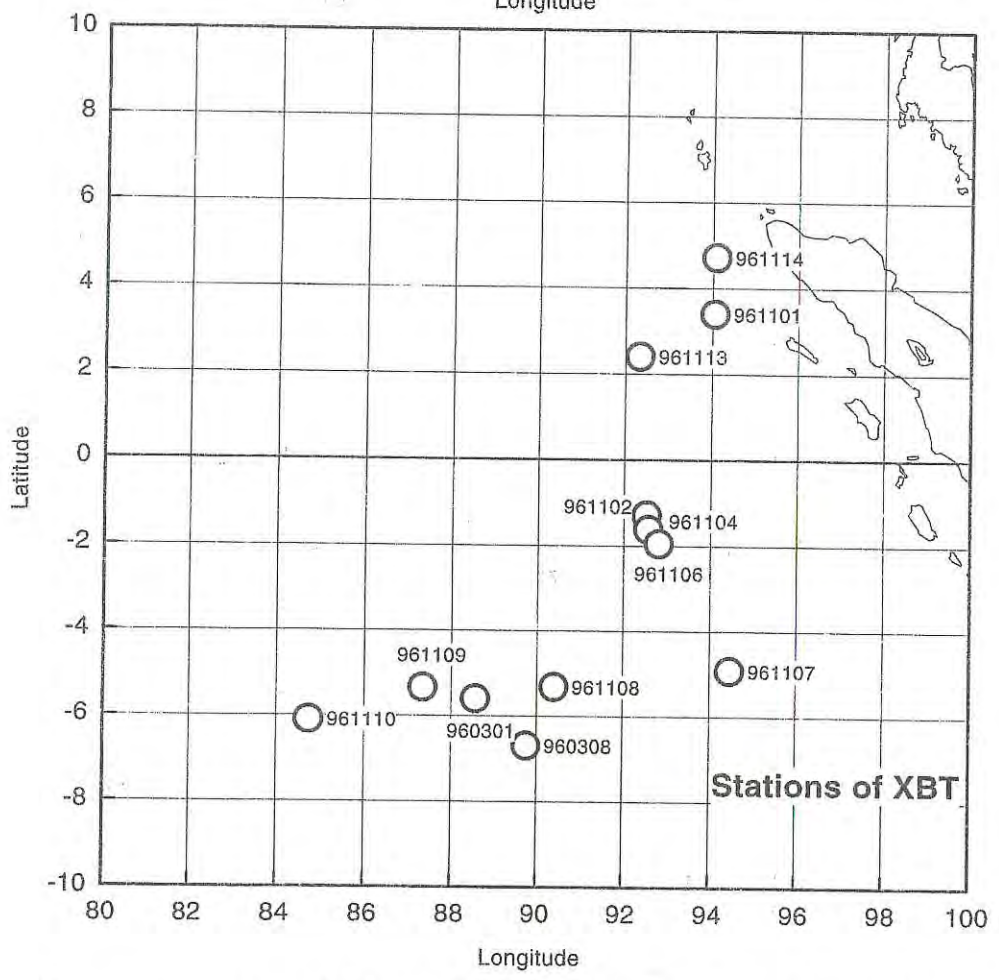
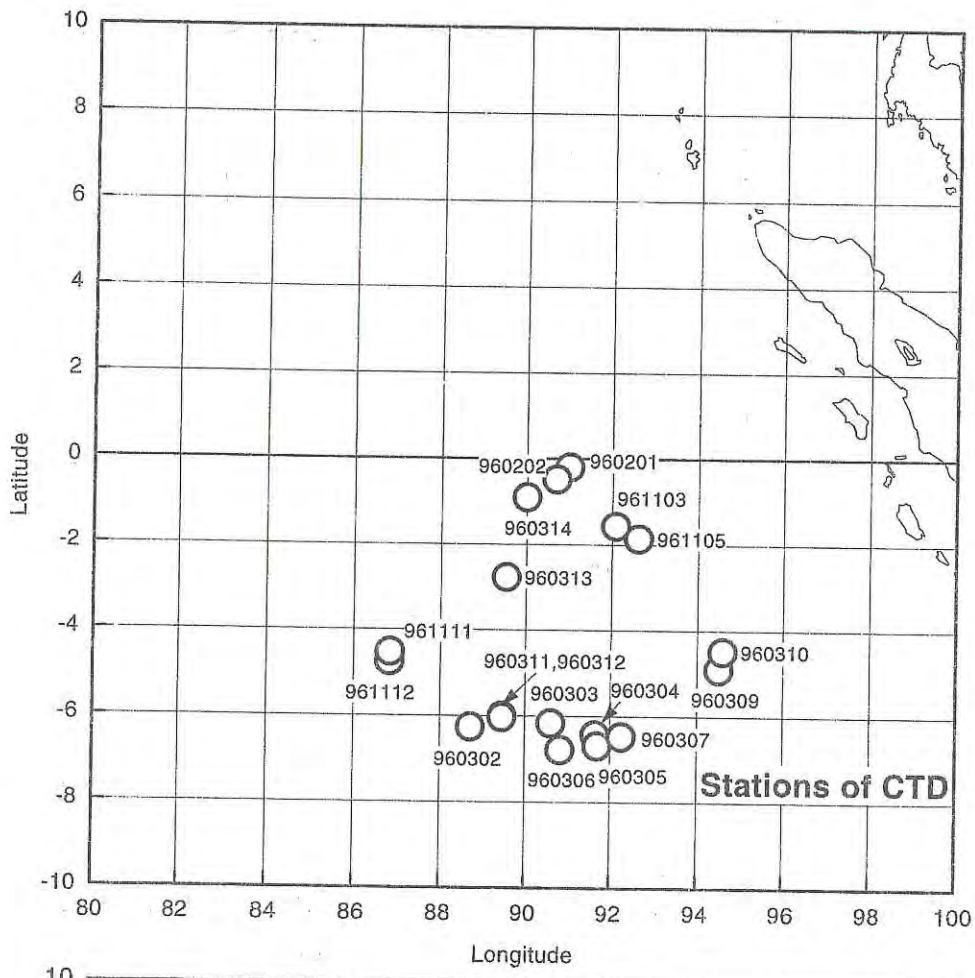




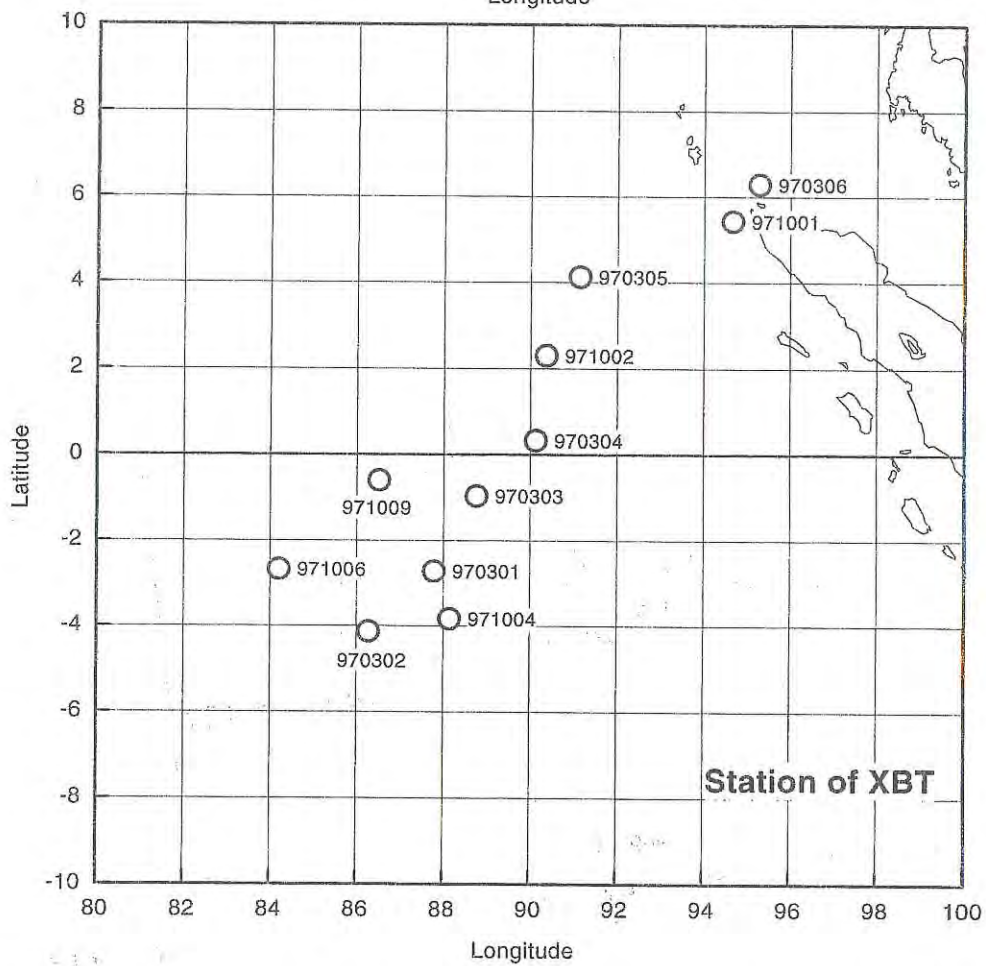
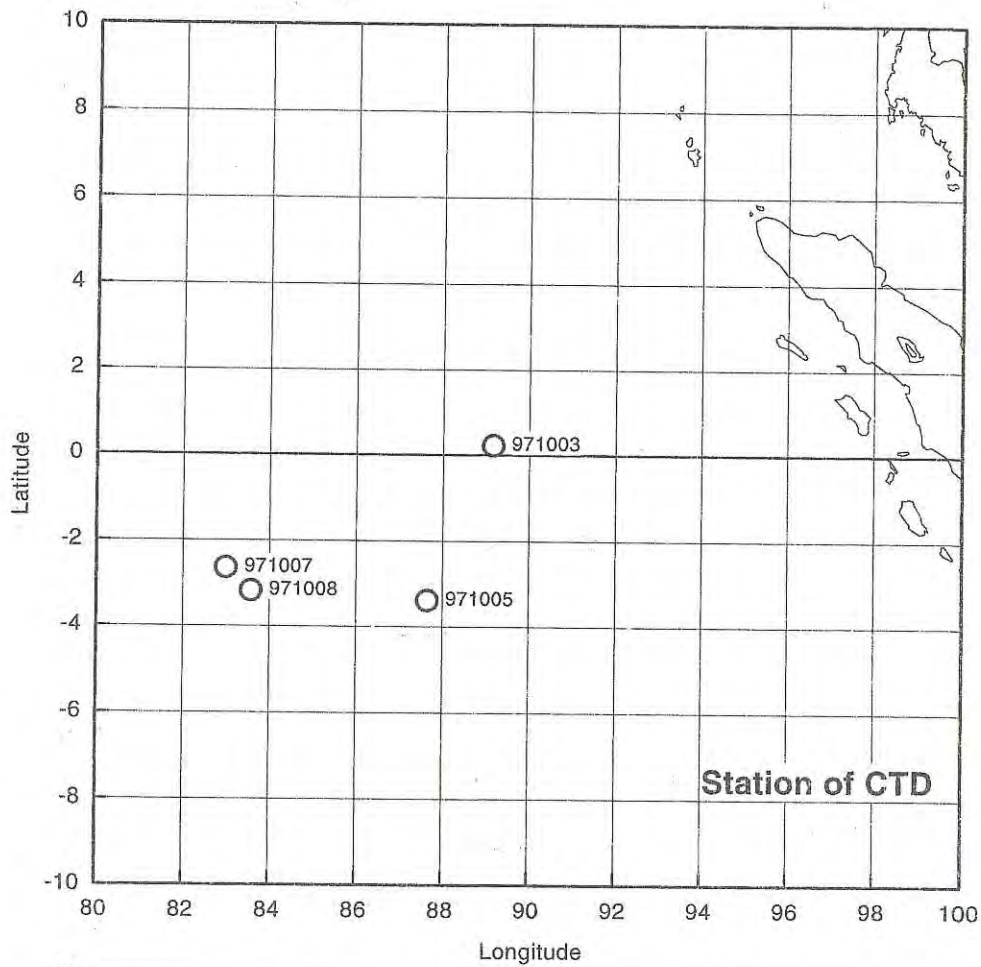
**Survey area and Sampling stations of MV. SEAFDEC in 1994**



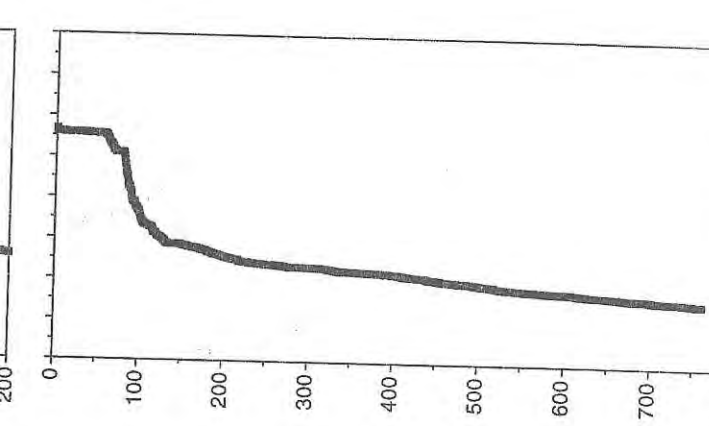
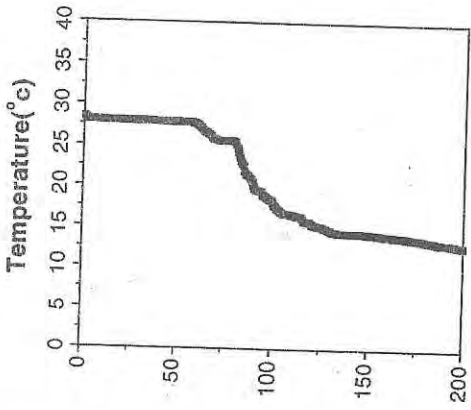
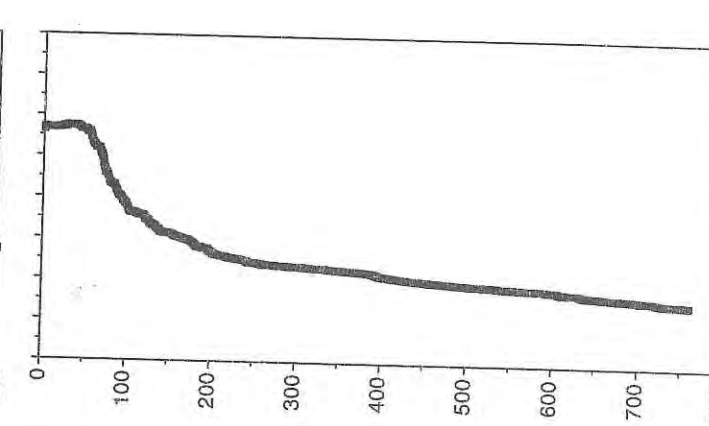
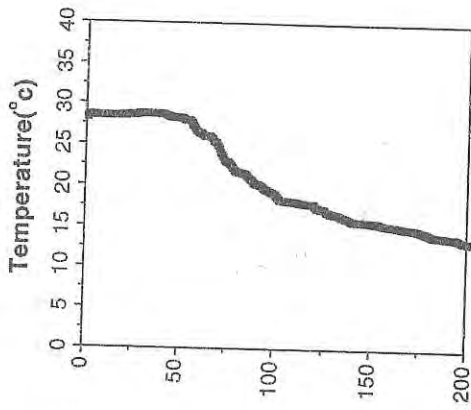
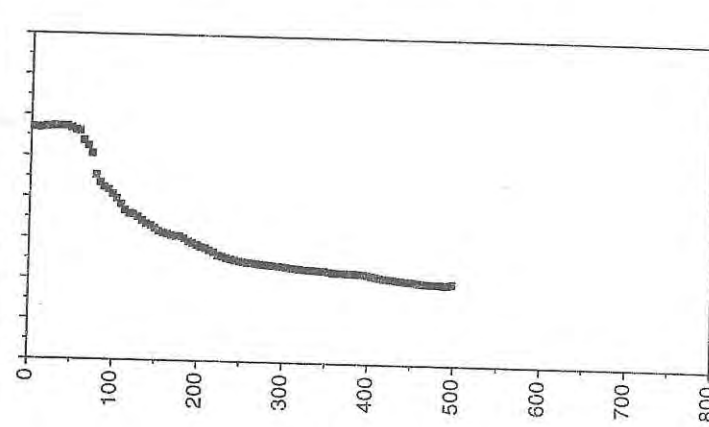
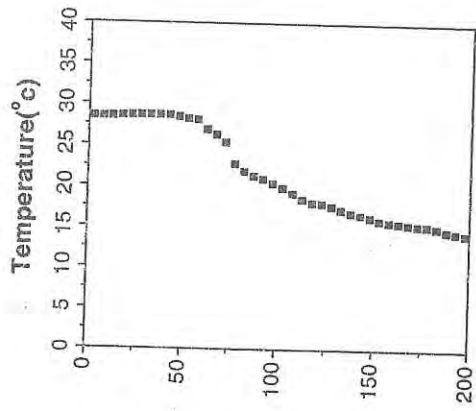
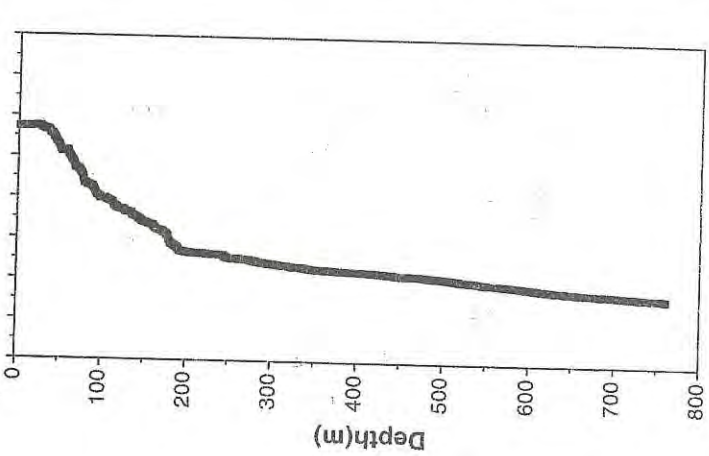
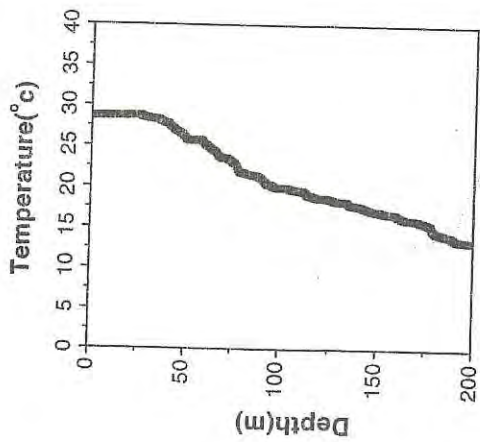
**Survey area and Sampling stations of MV.SEAFFDEC in 1995**

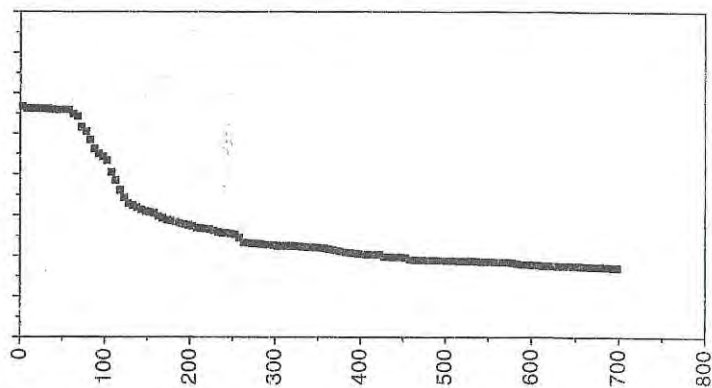
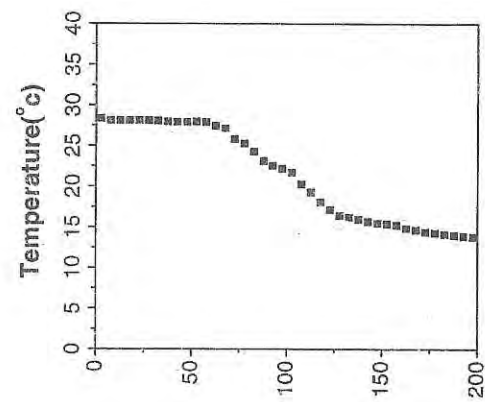


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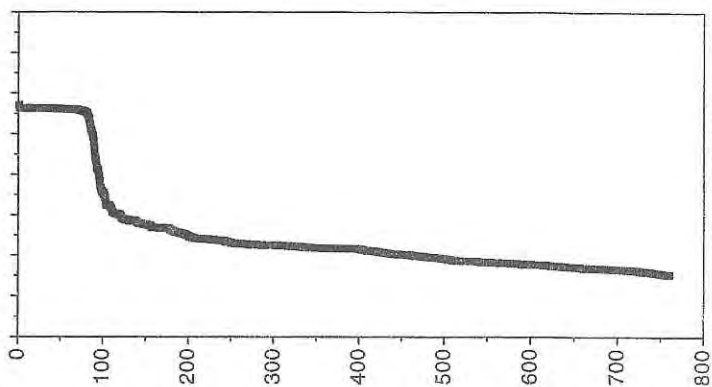
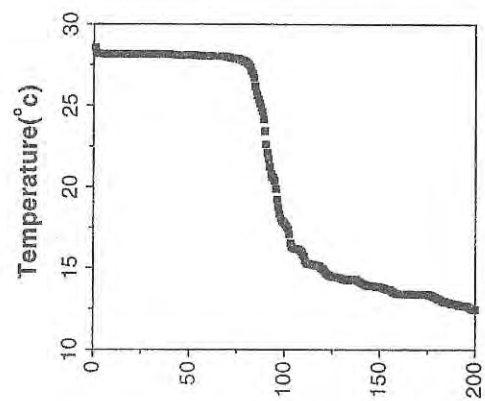


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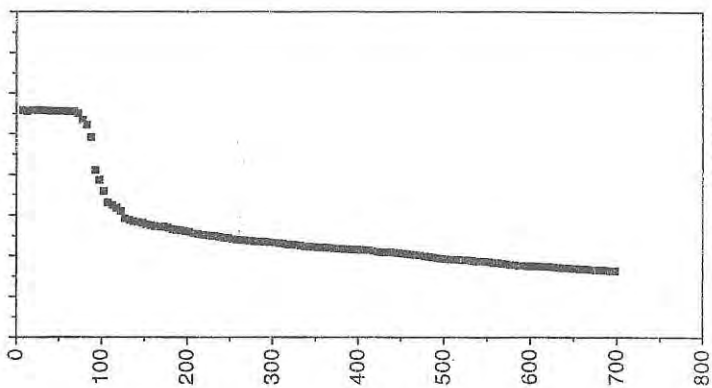
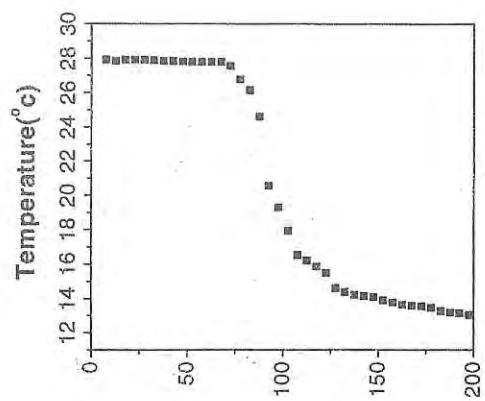




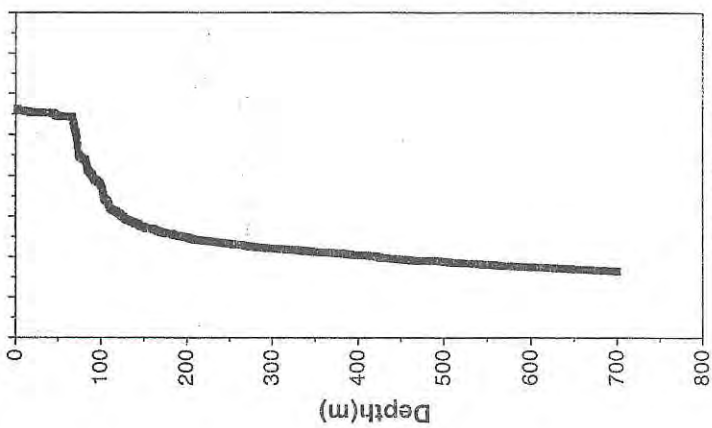
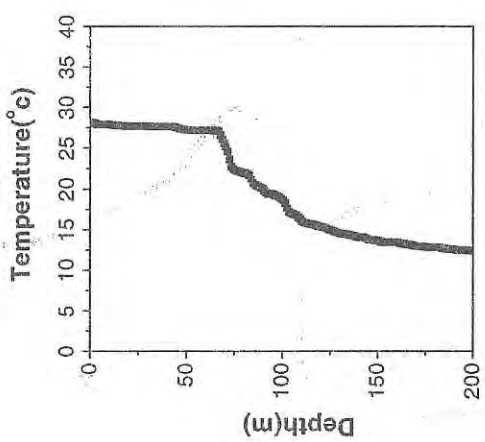
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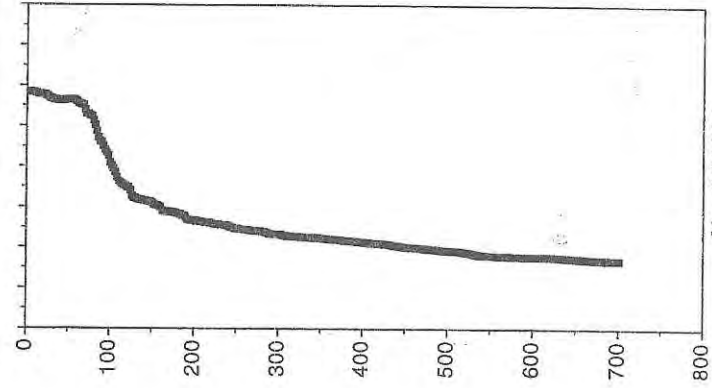
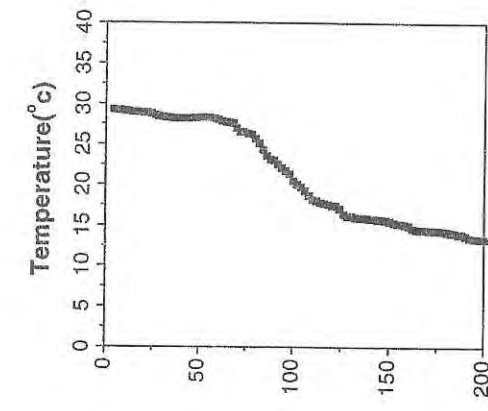
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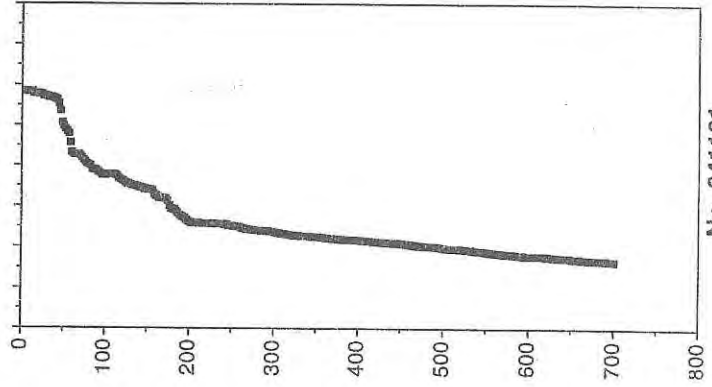
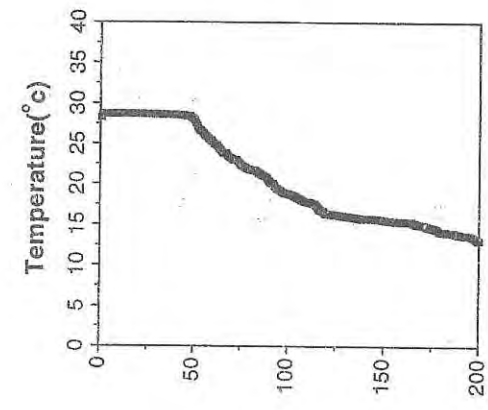
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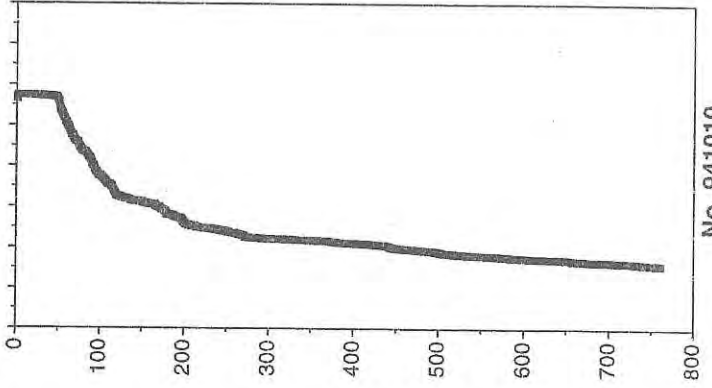
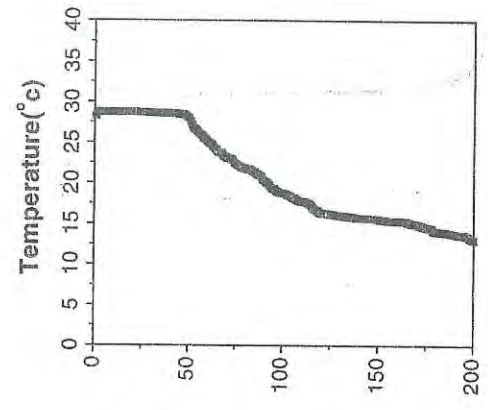
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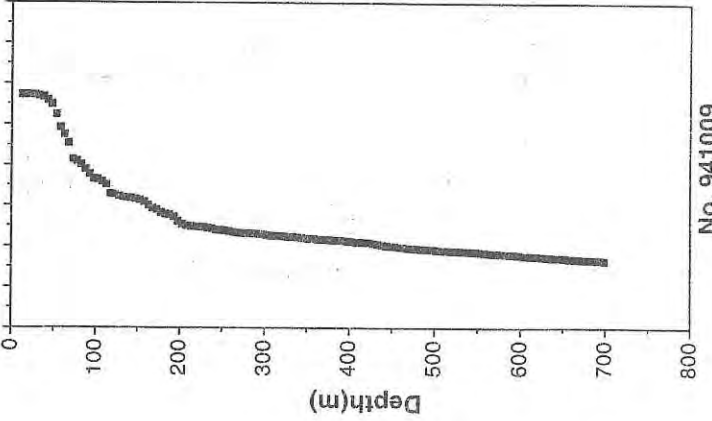
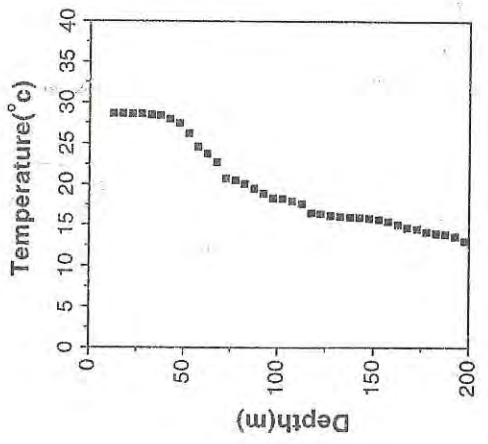
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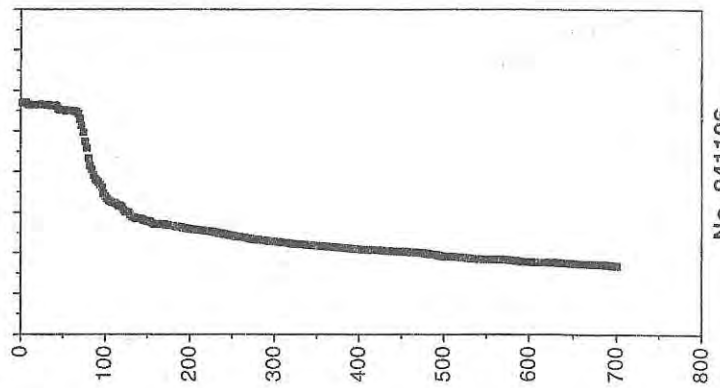
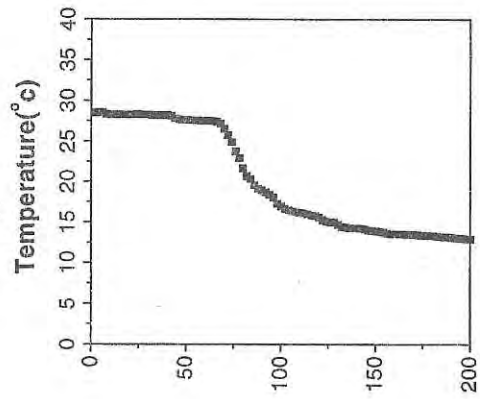
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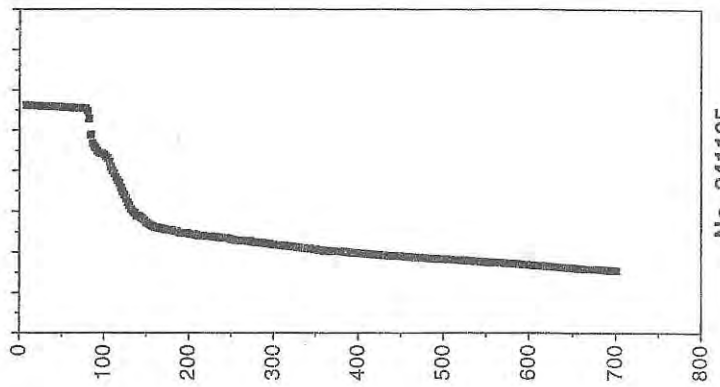
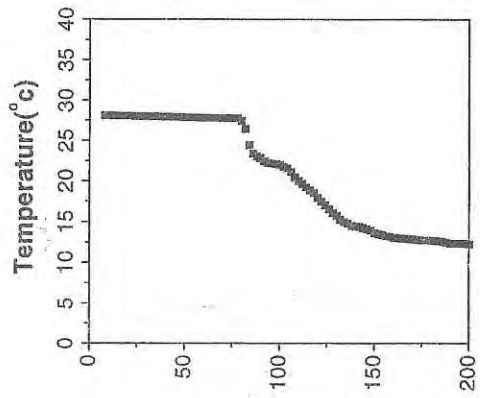
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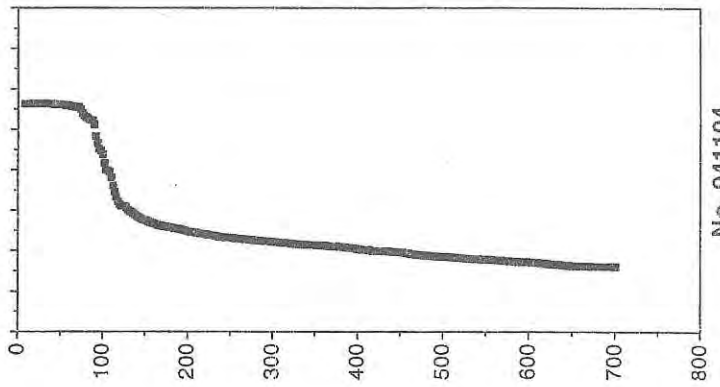
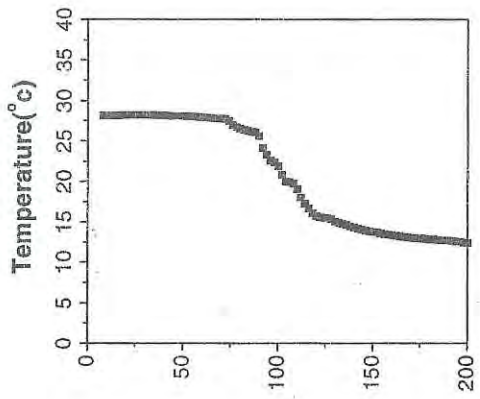
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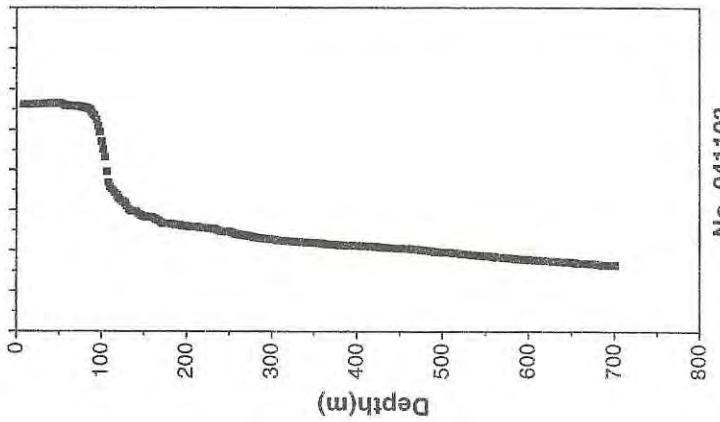
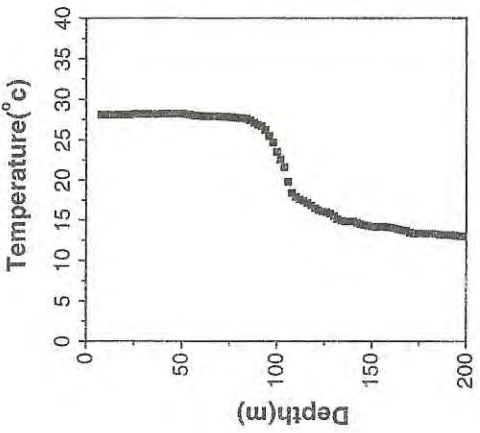
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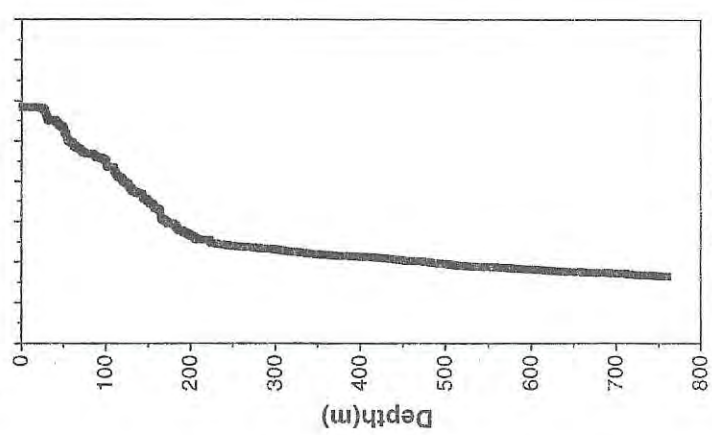
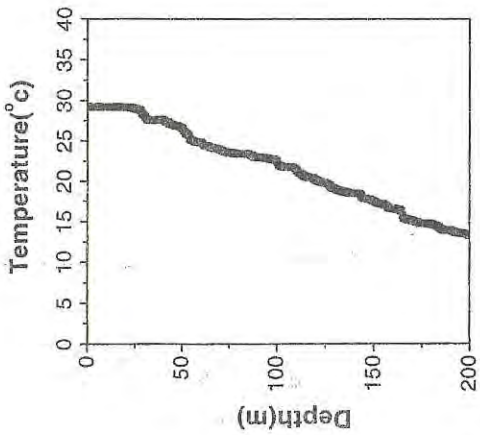


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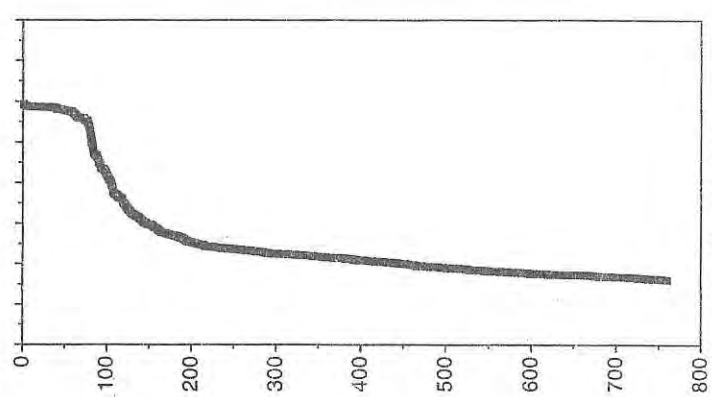
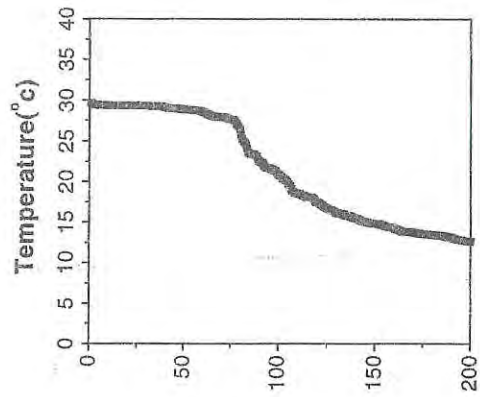


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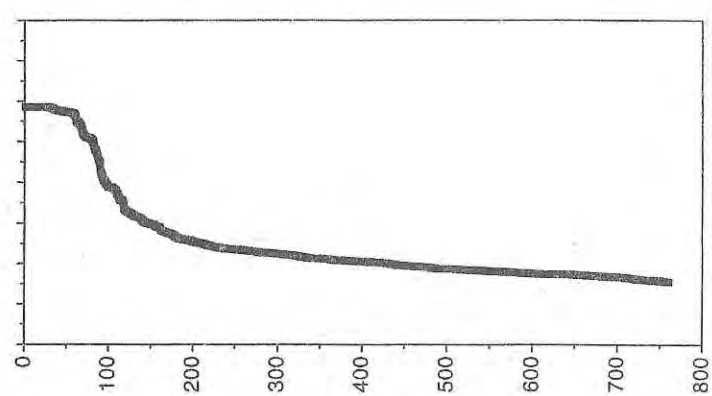
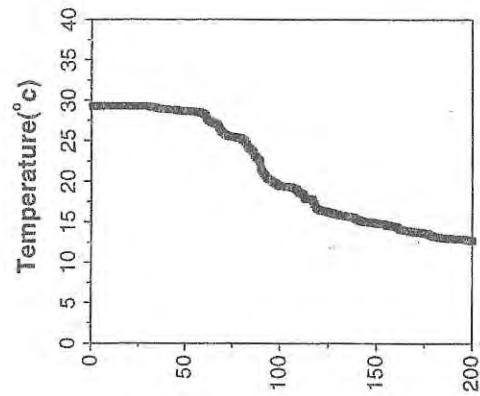




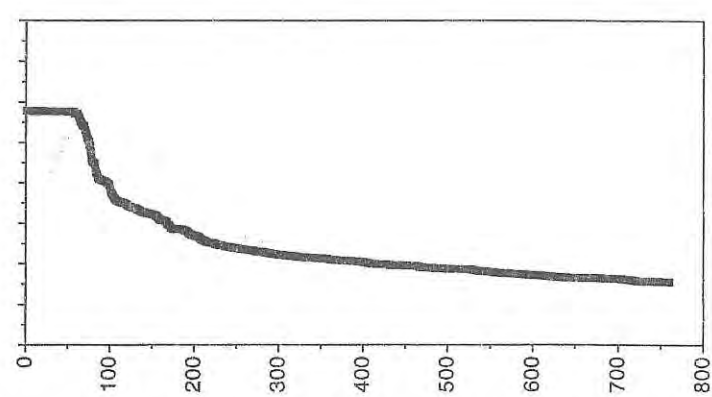
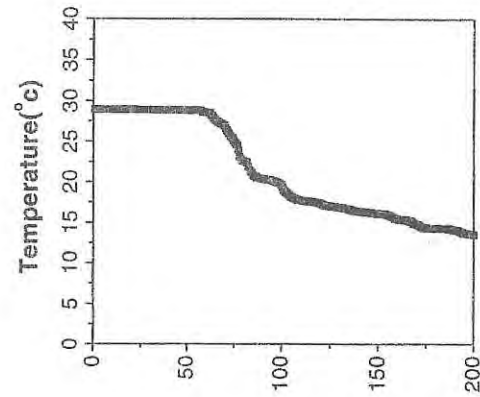
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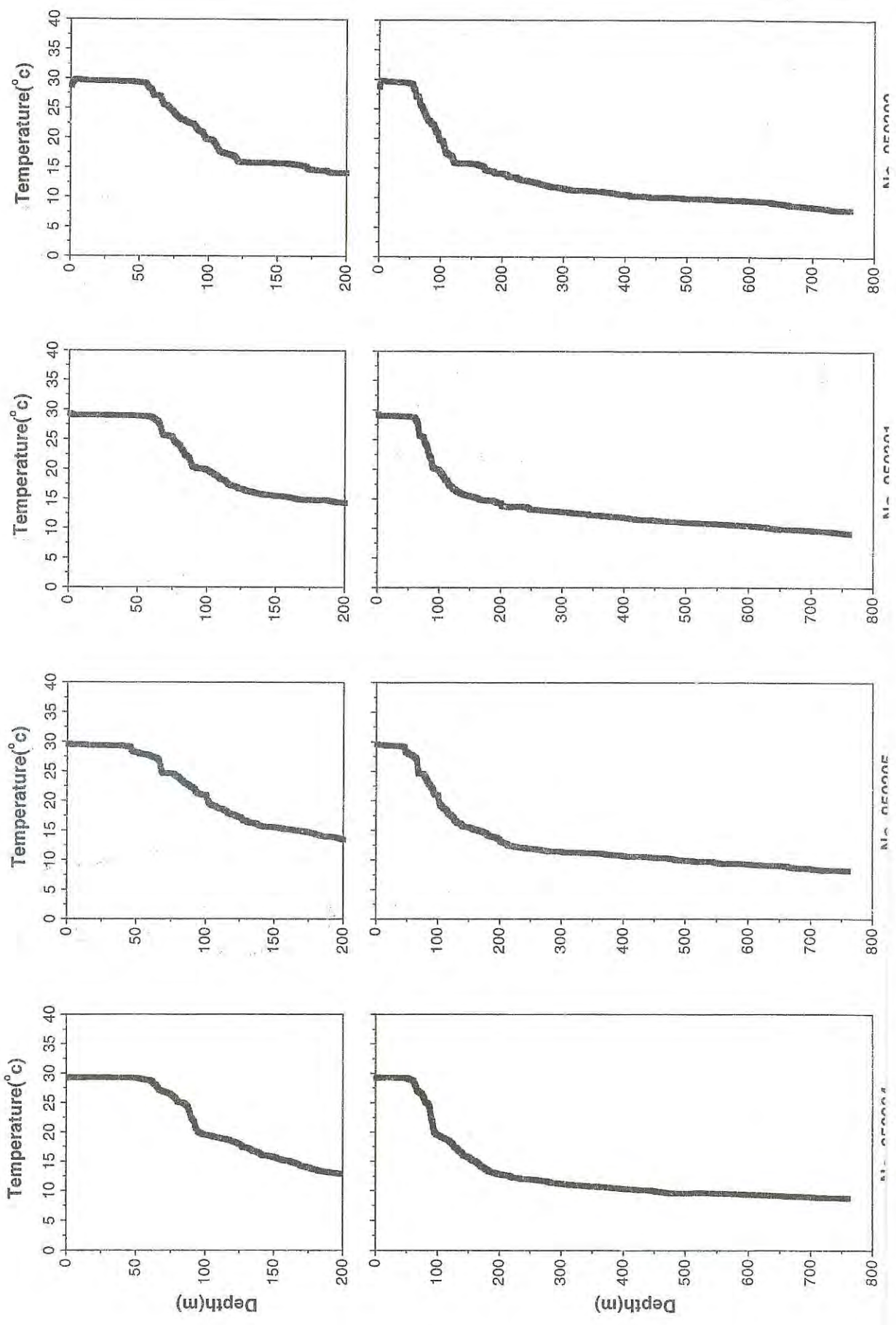
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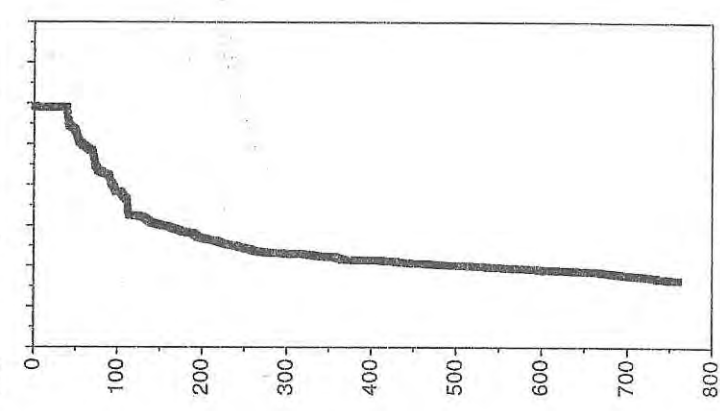
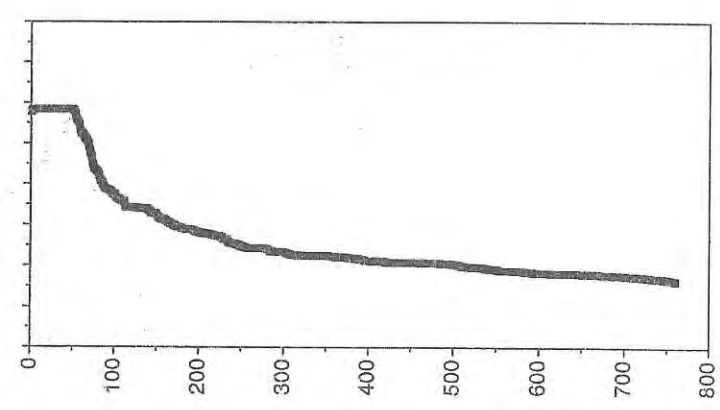
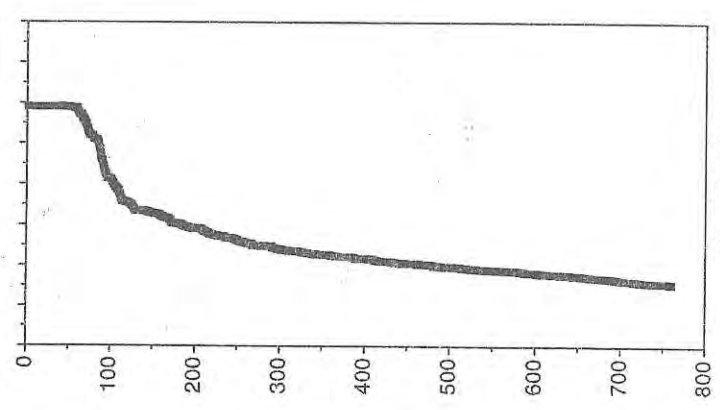
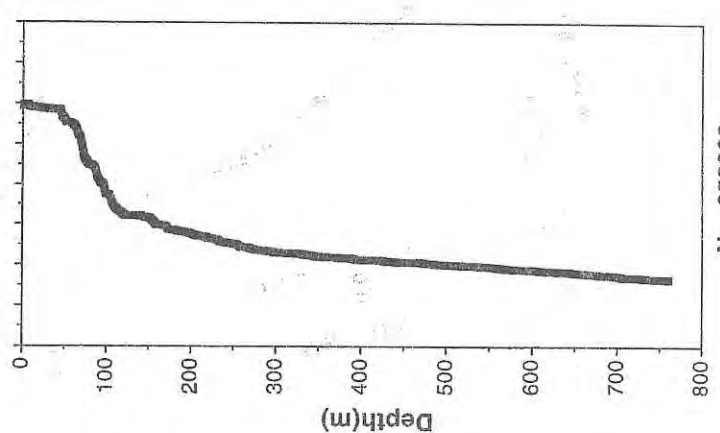
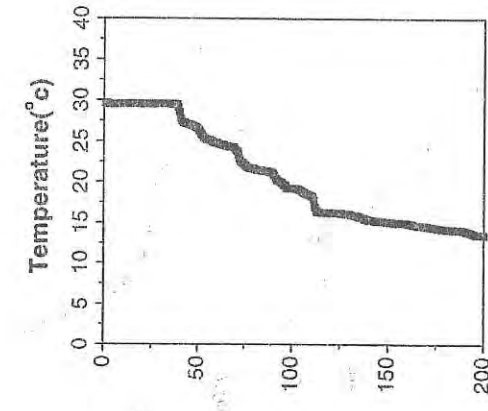
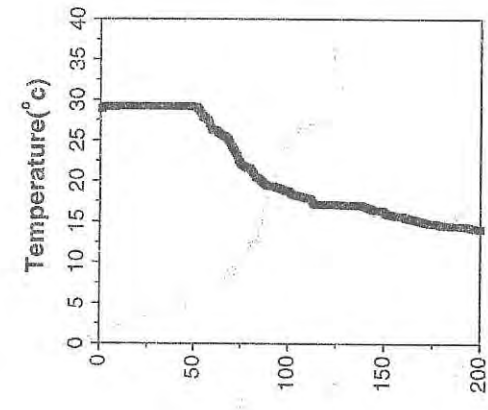
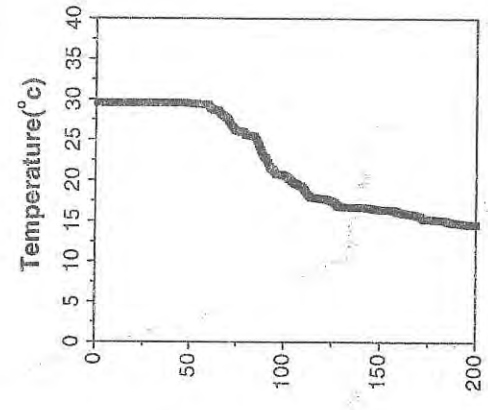
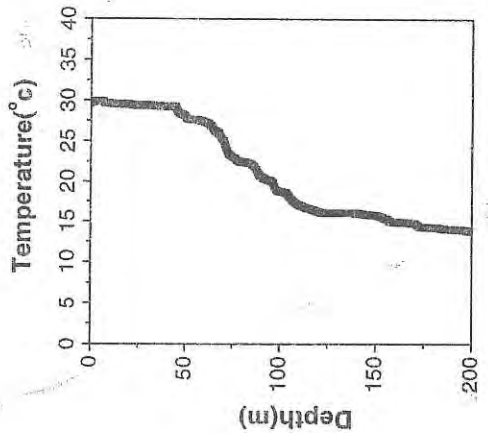


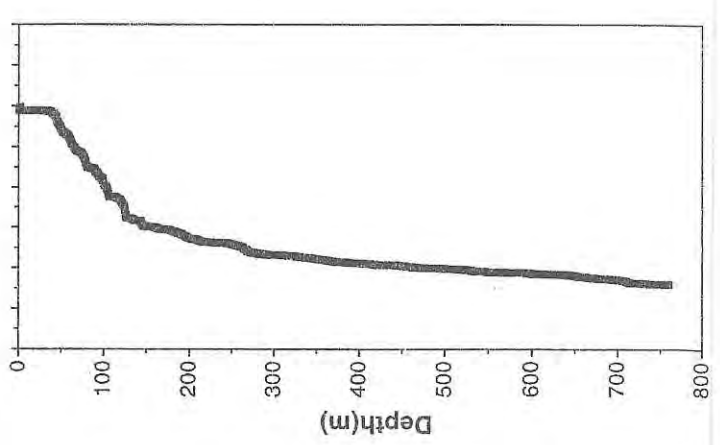
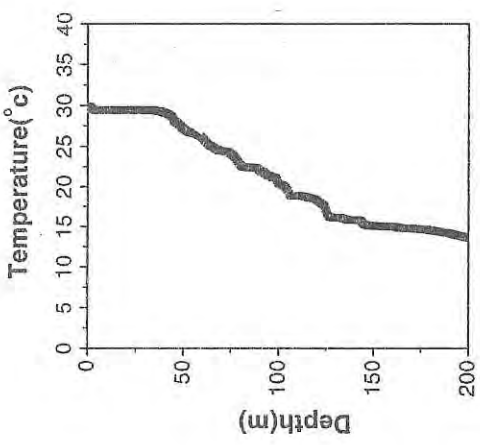
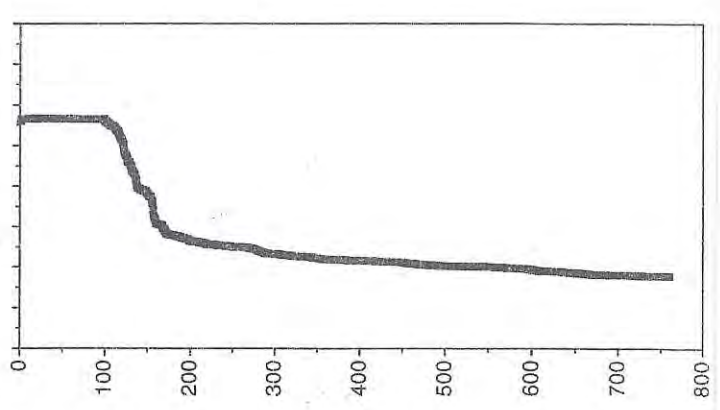
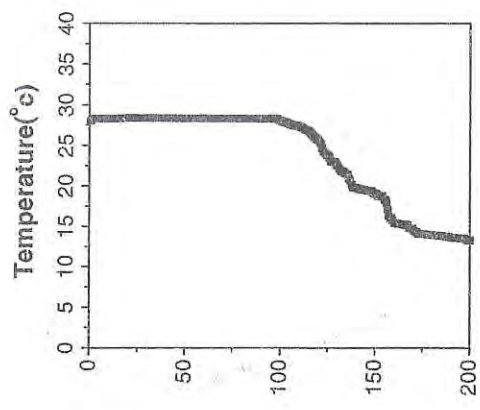
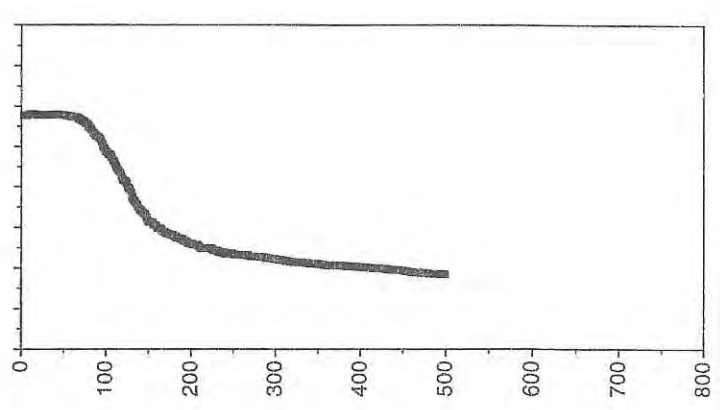
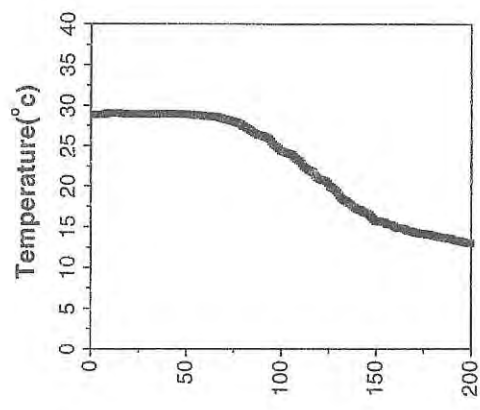
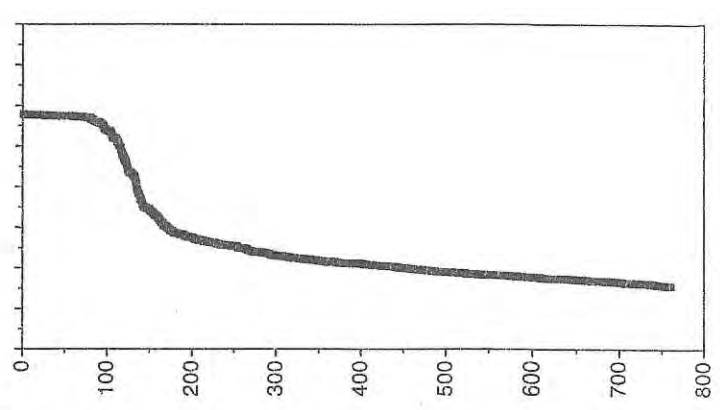
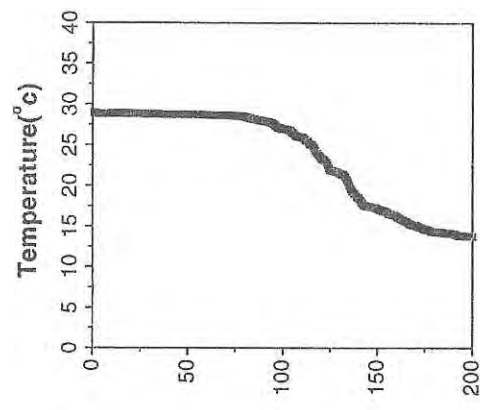
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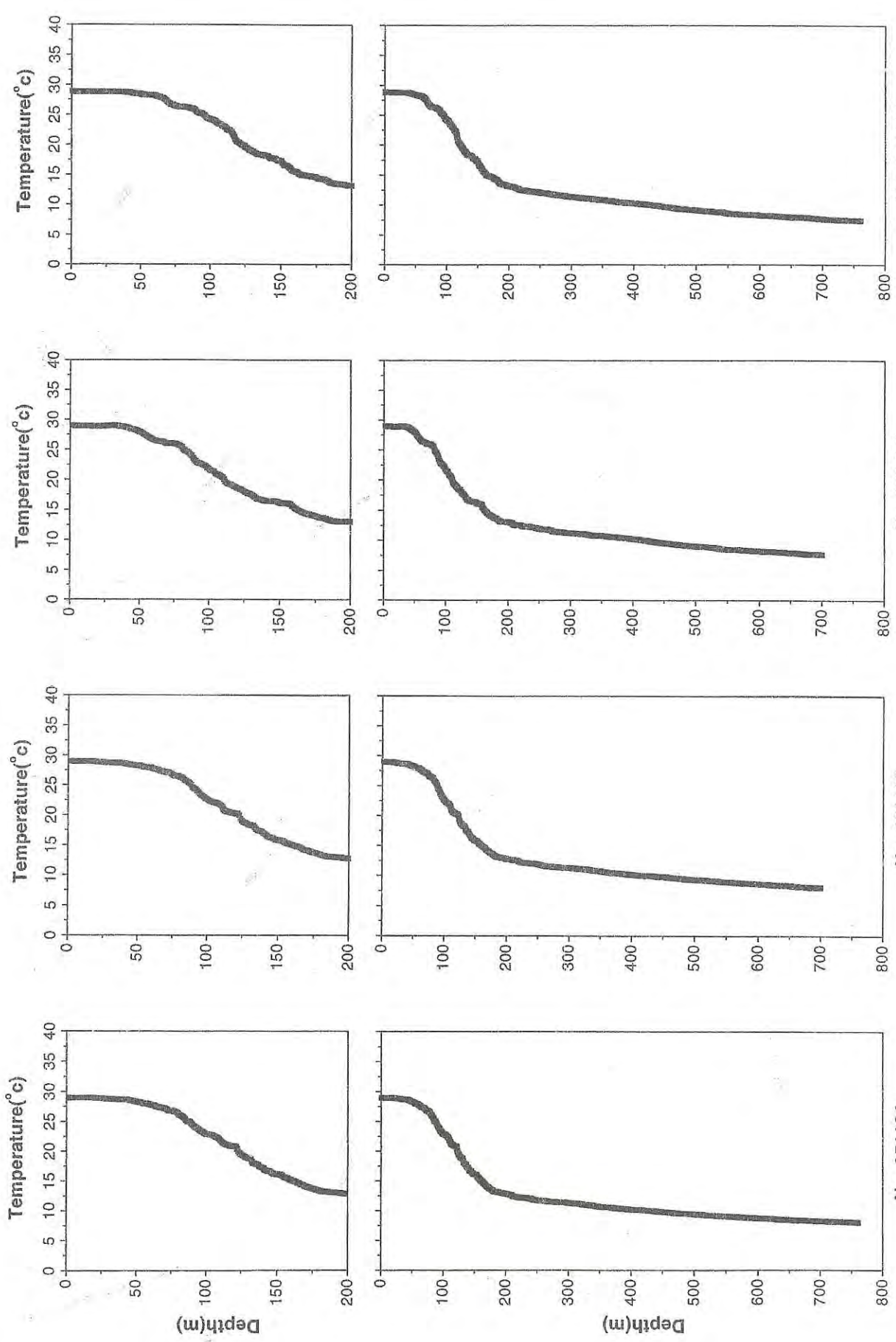


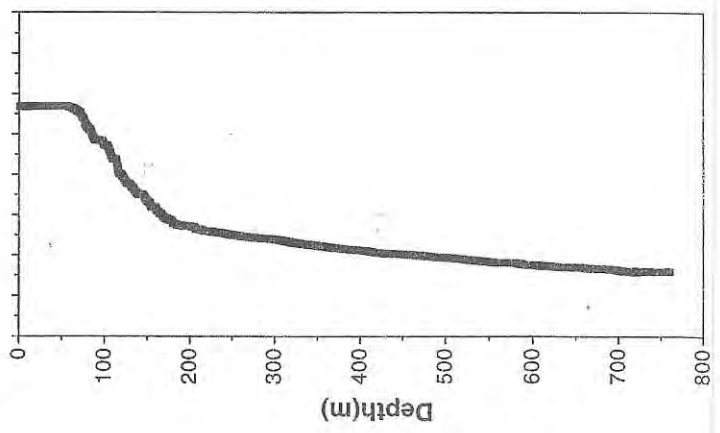
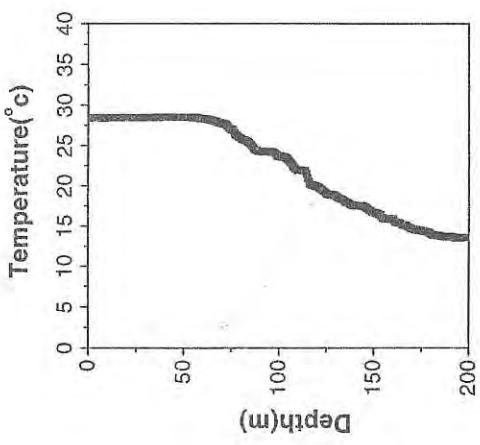
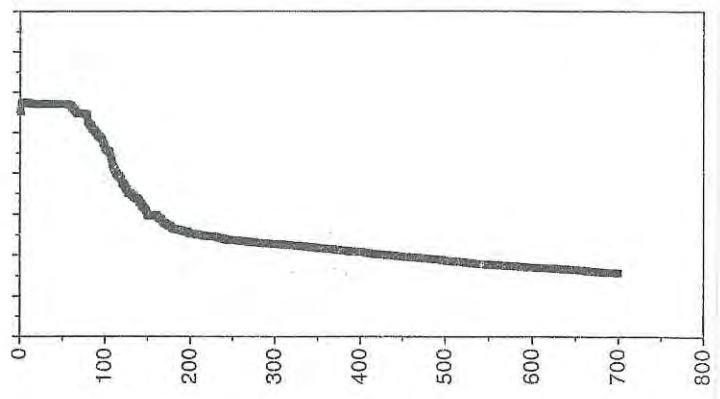
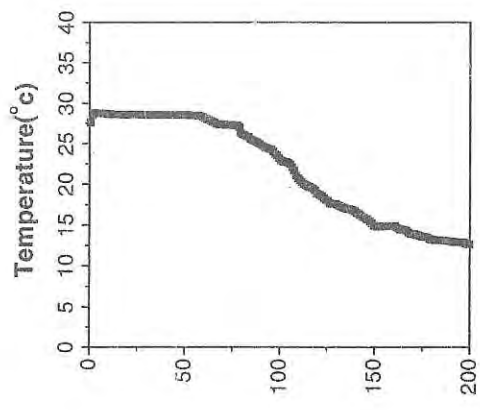
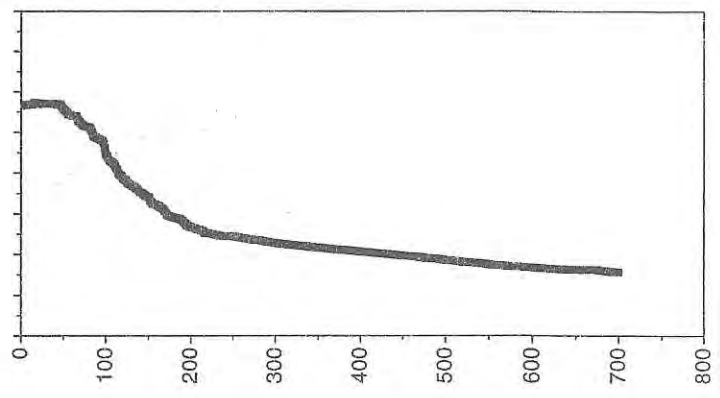
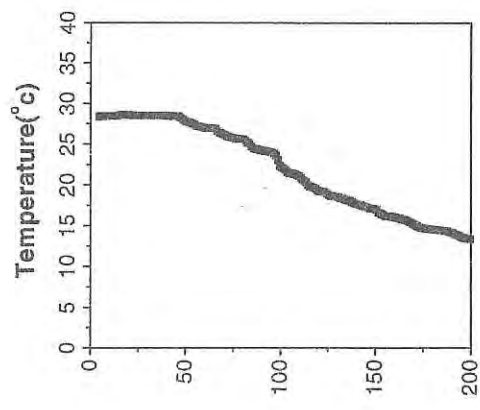
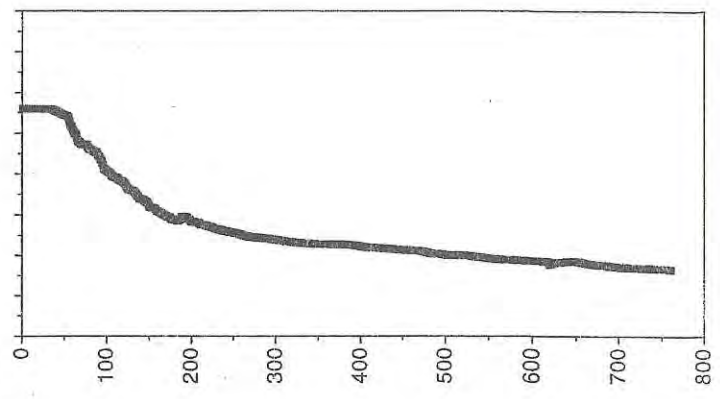
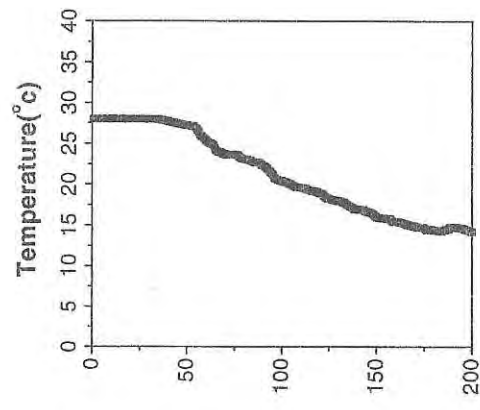
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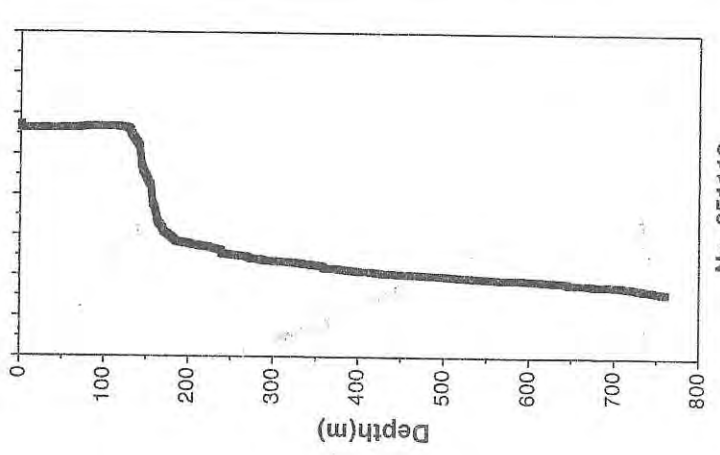
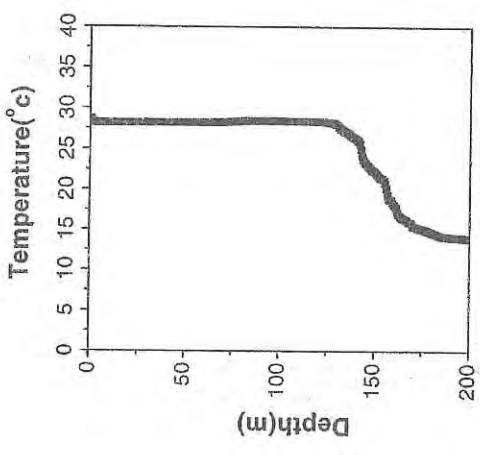




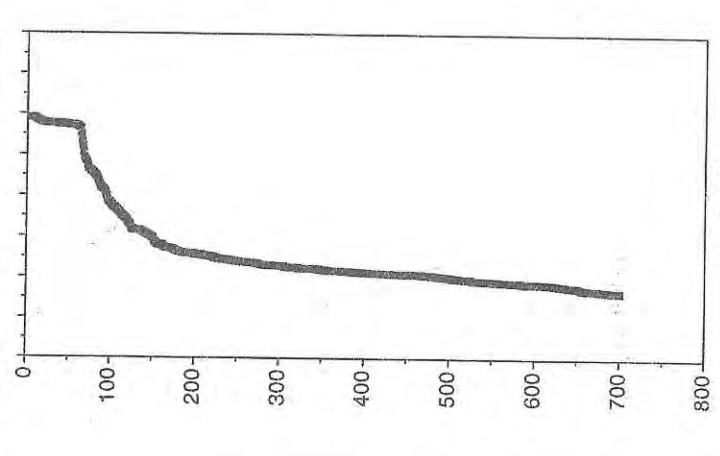
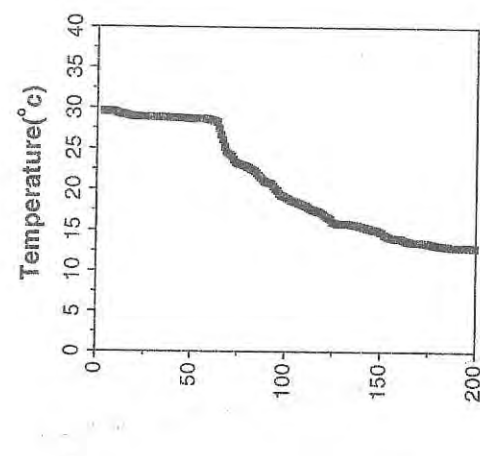




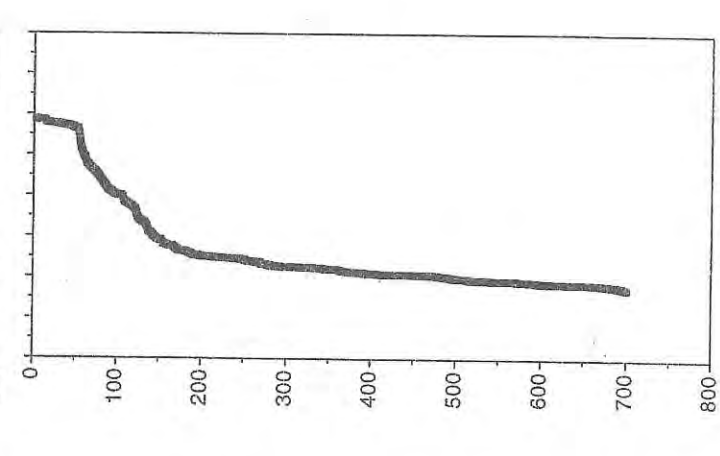
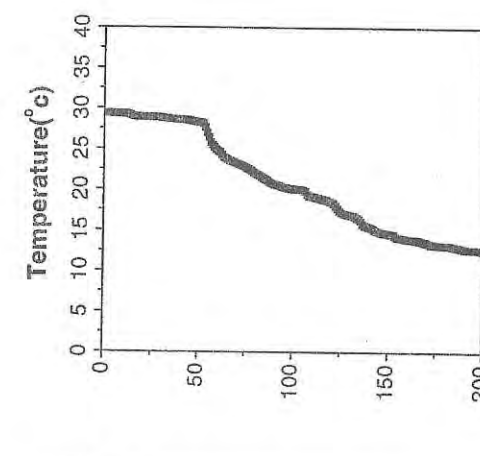




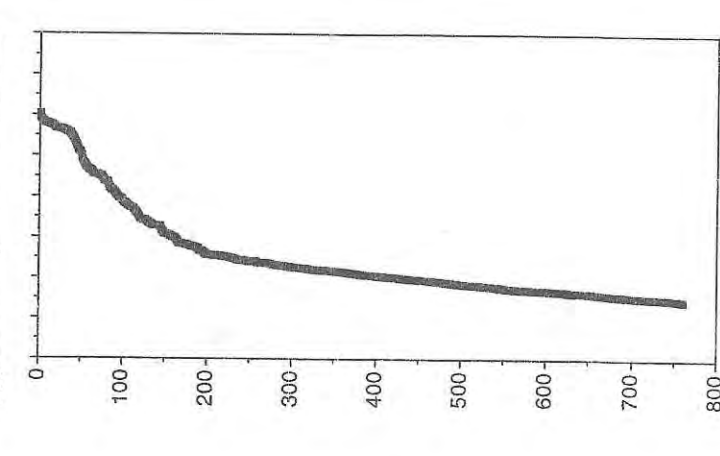
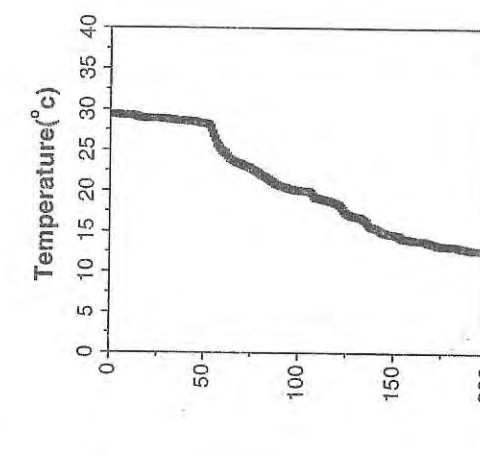
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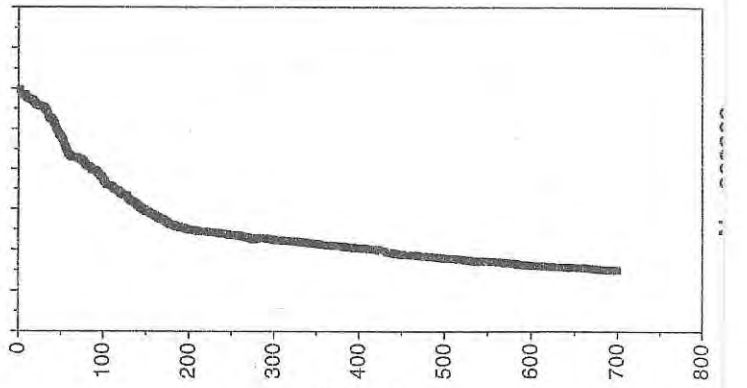
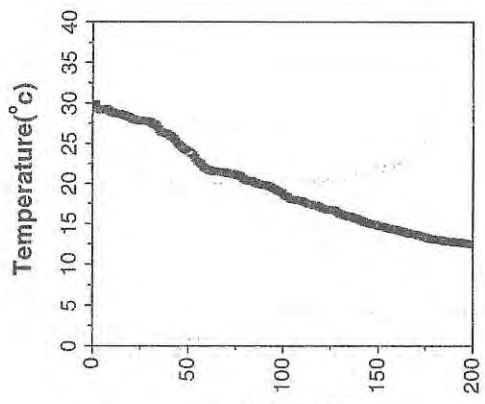
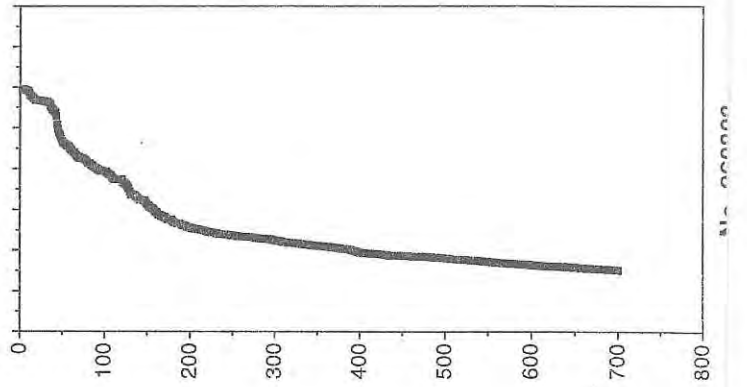
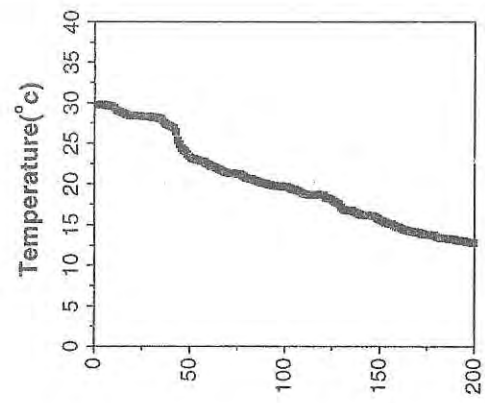
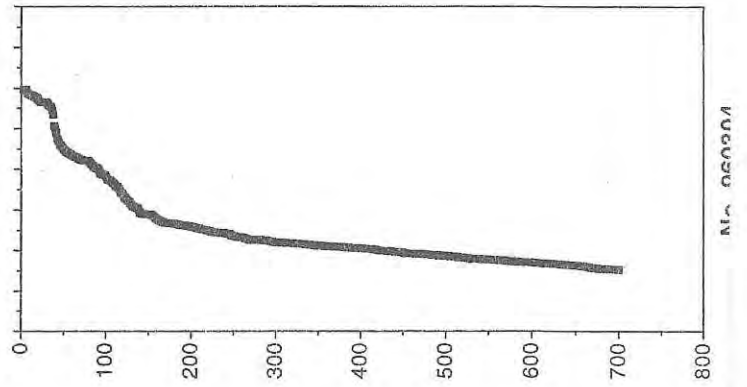
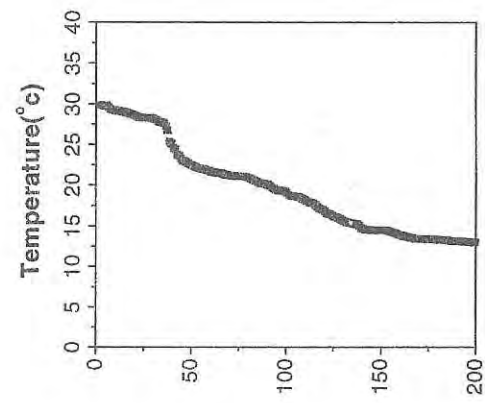
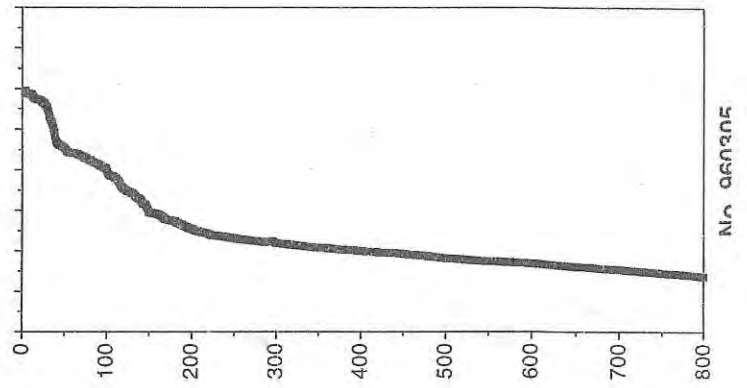
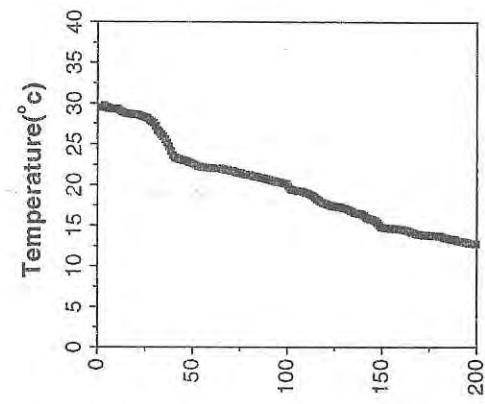
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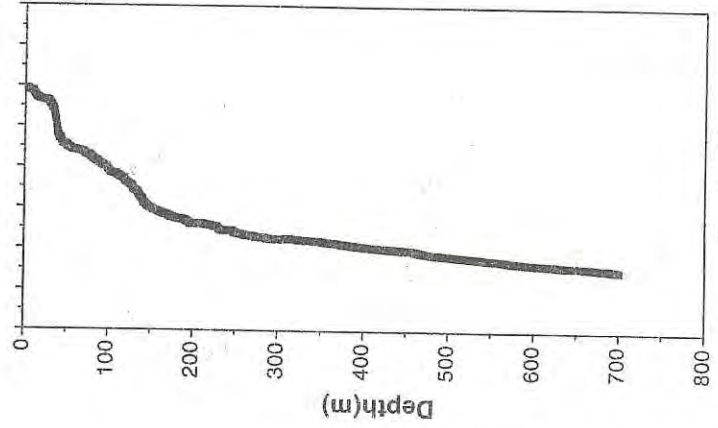
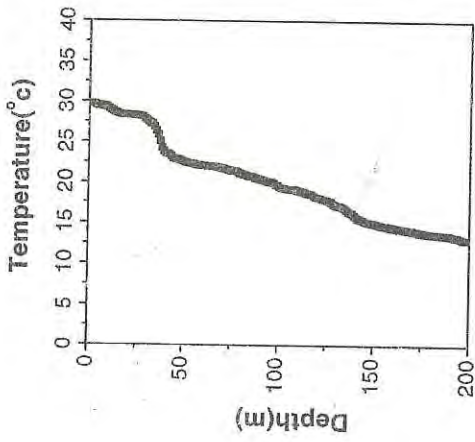
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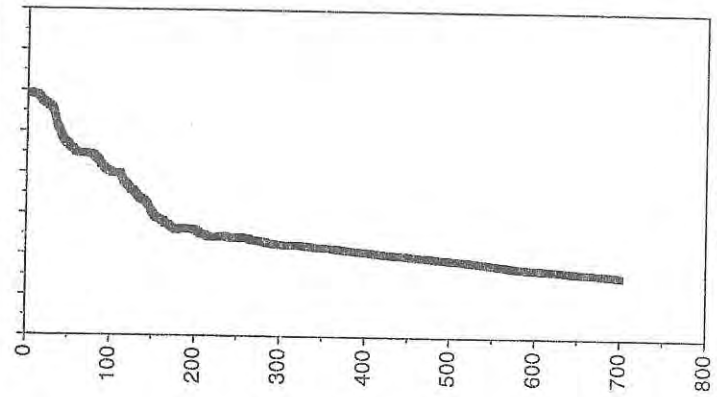
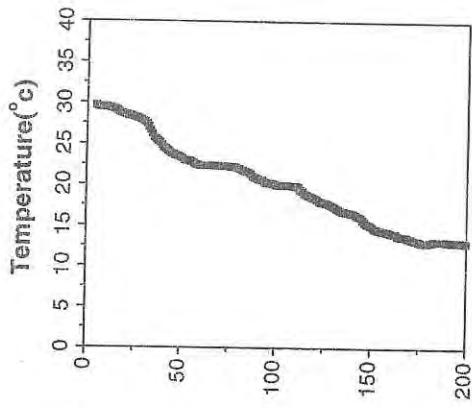
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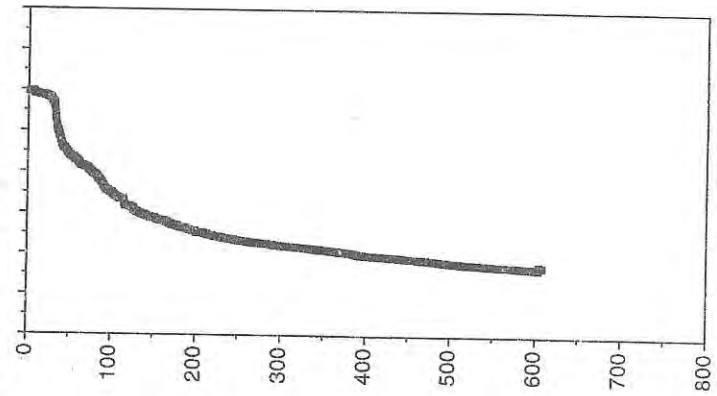
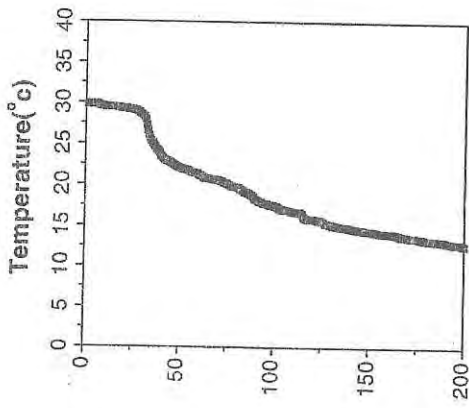




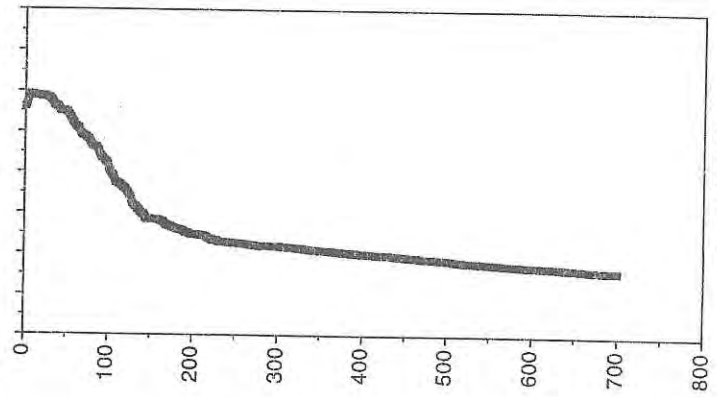
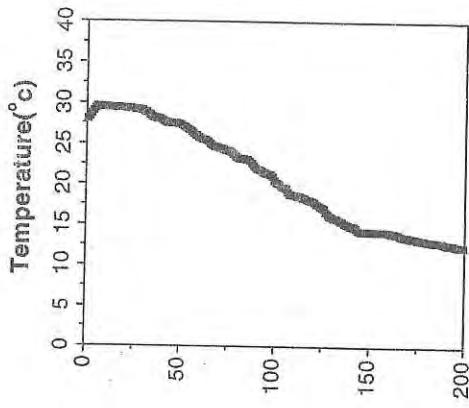
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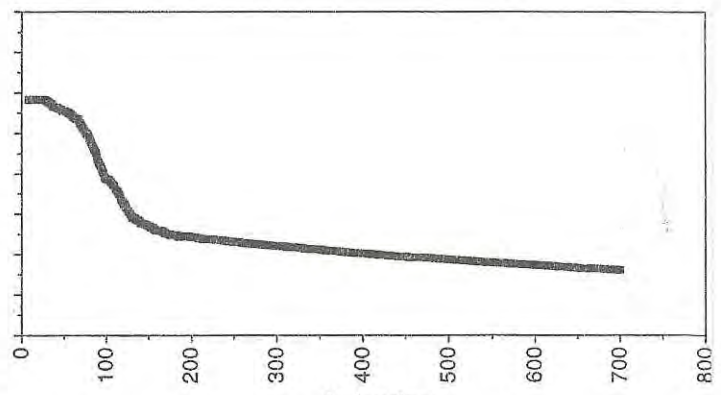
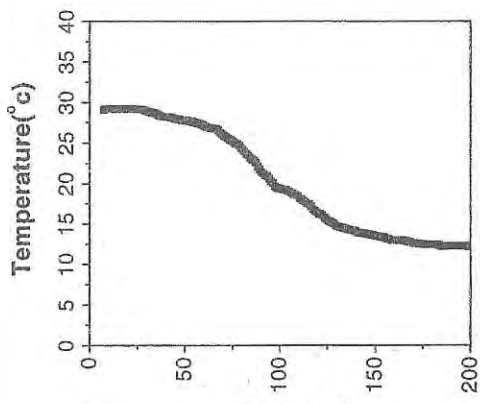
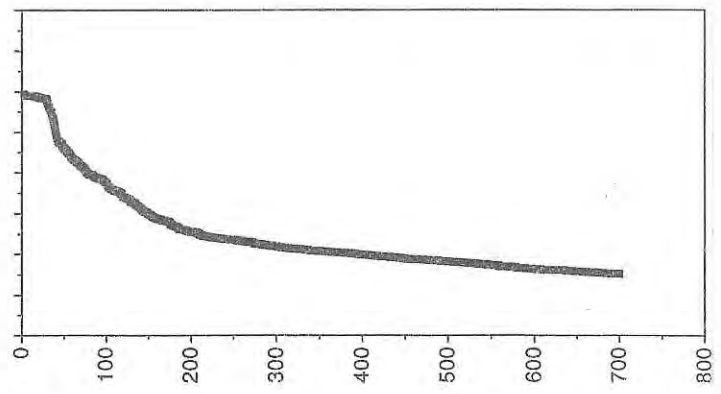
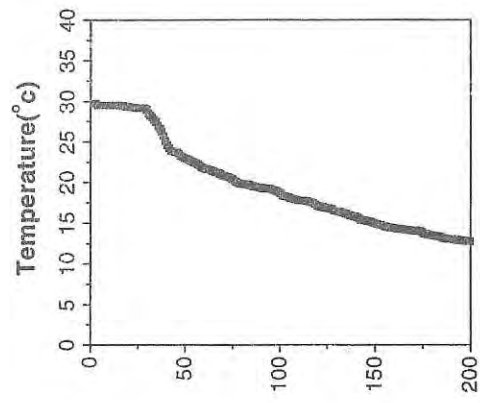
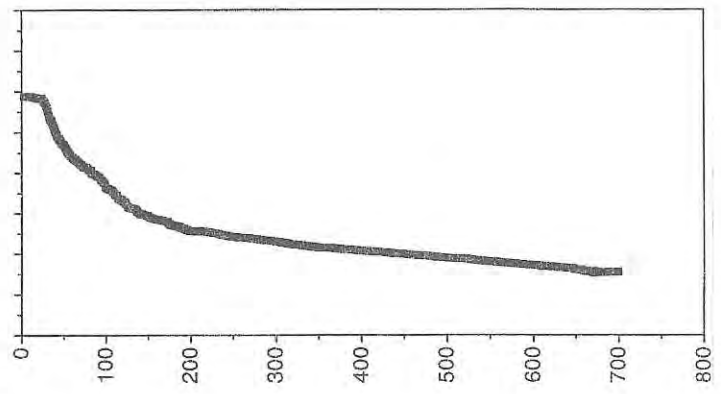
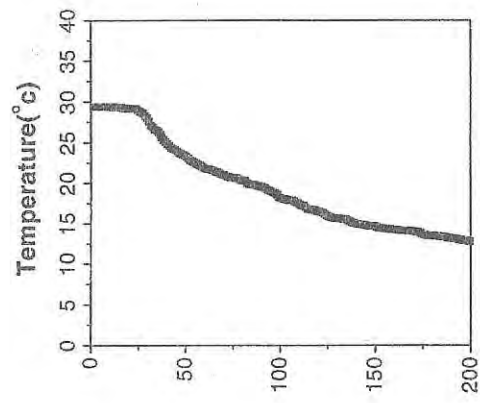
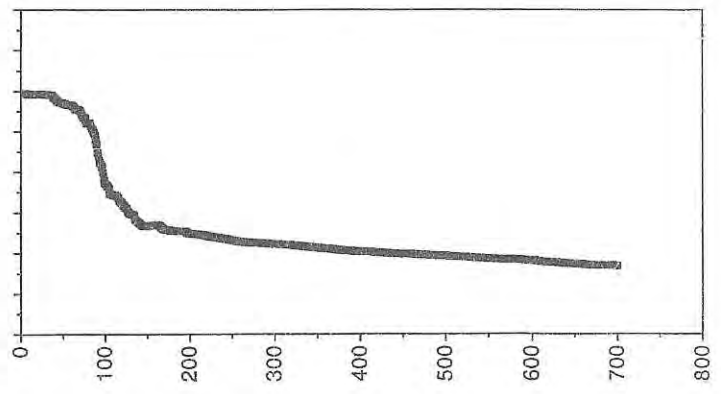
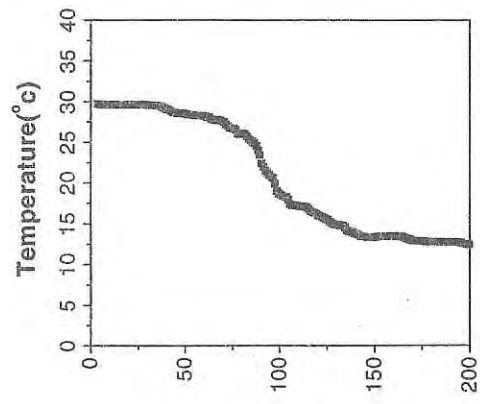
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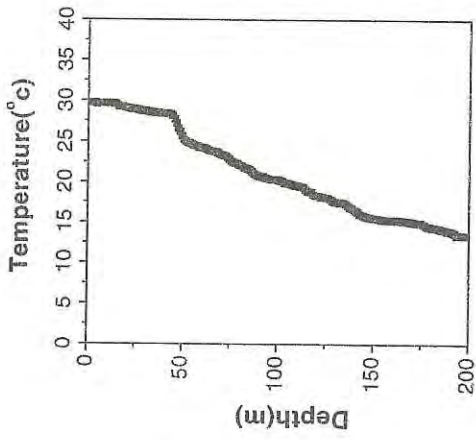


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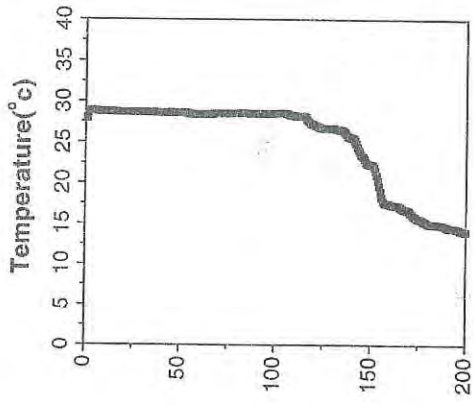


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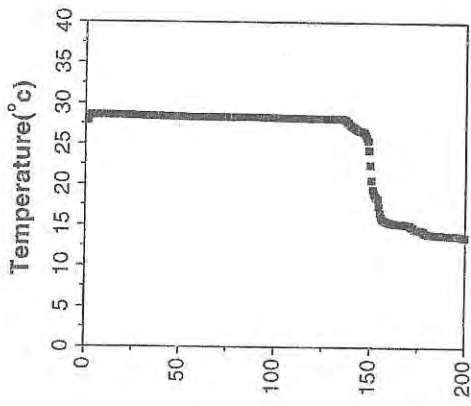




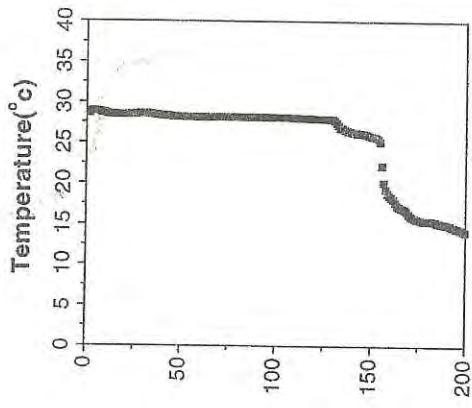
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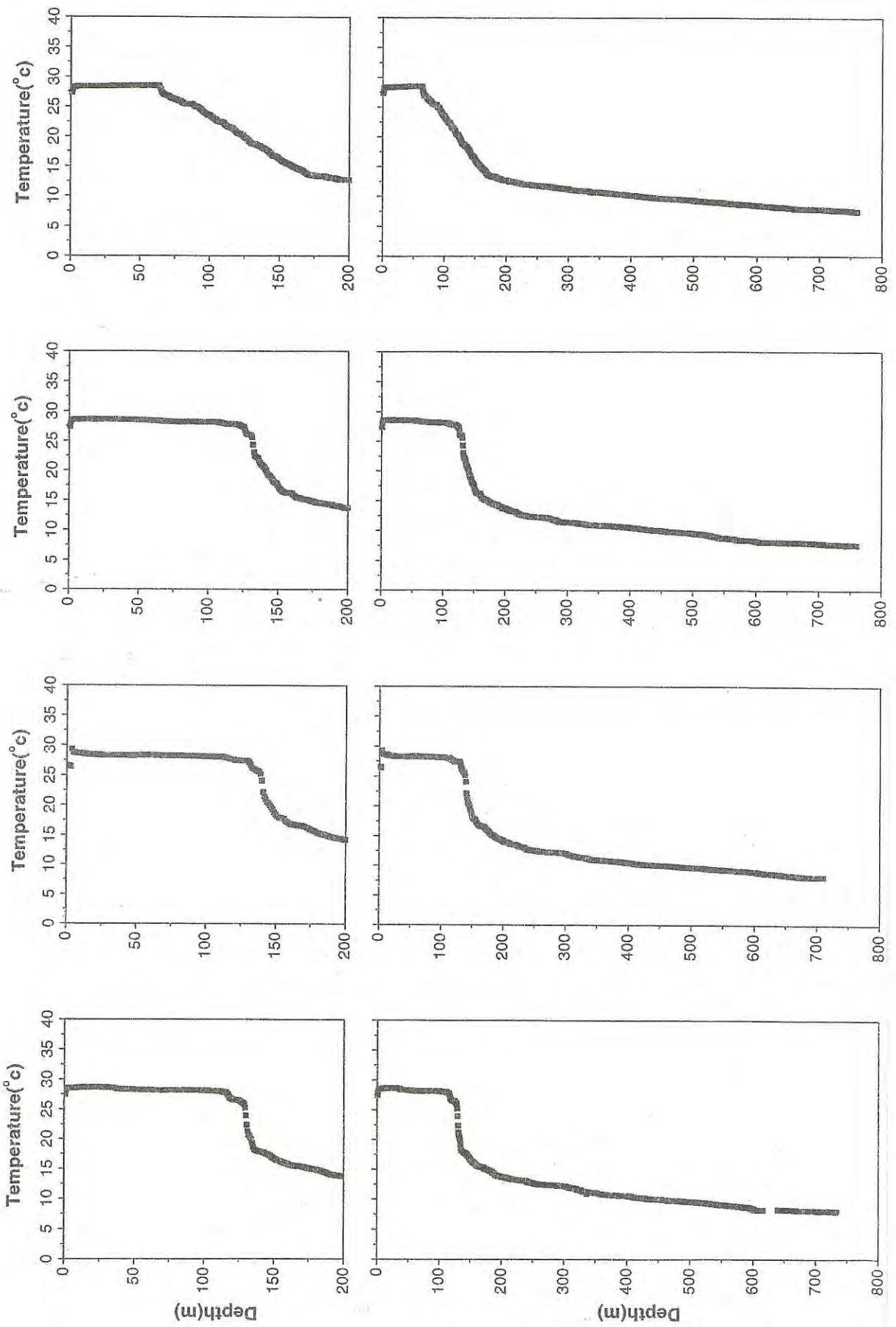
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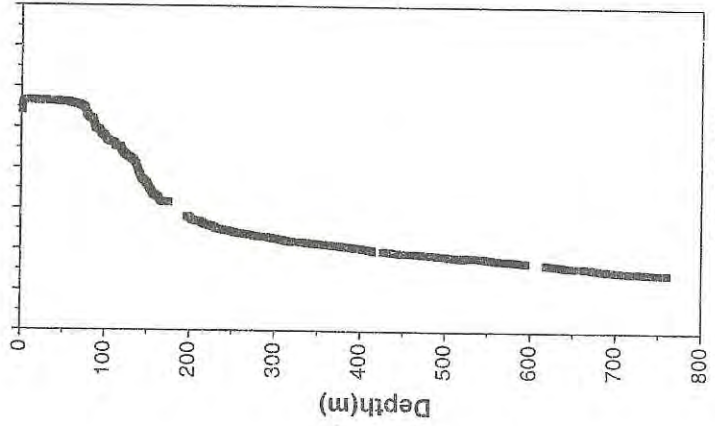
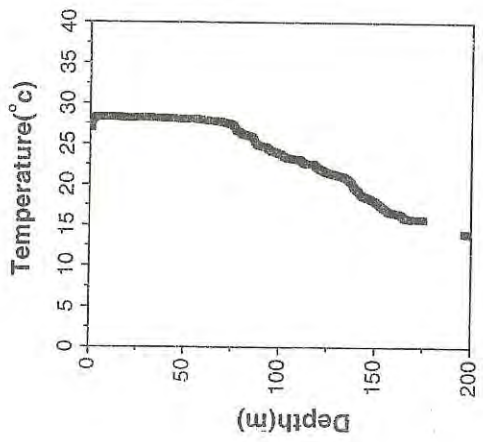


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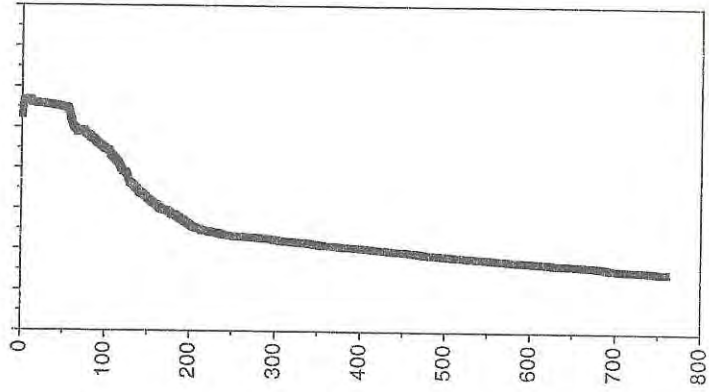
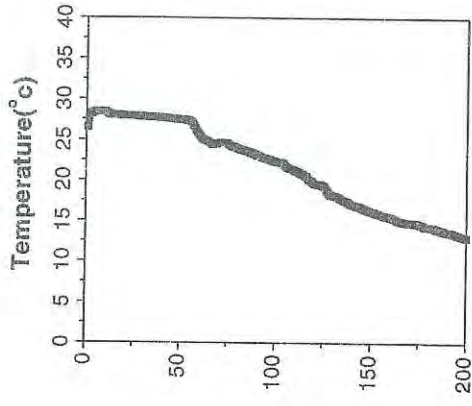


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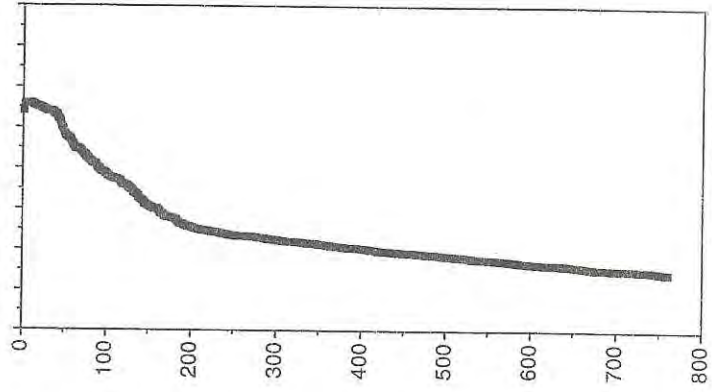
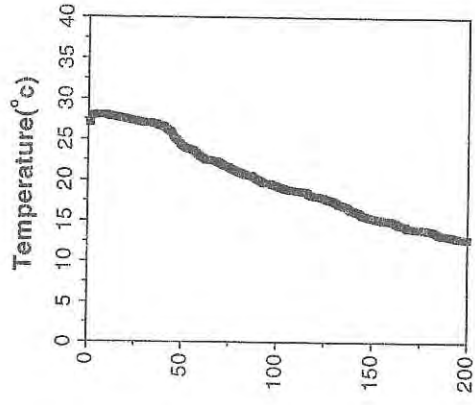




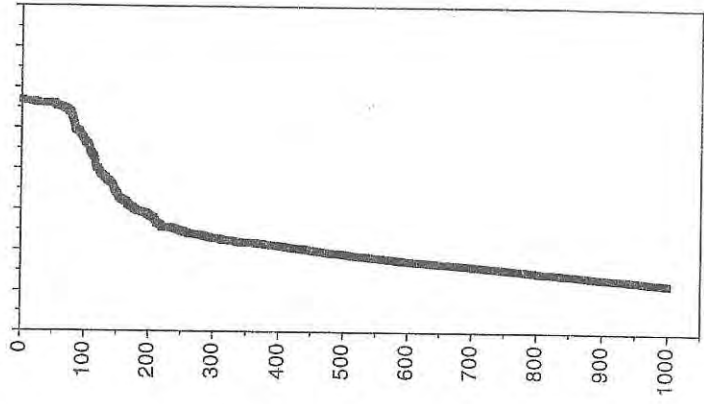
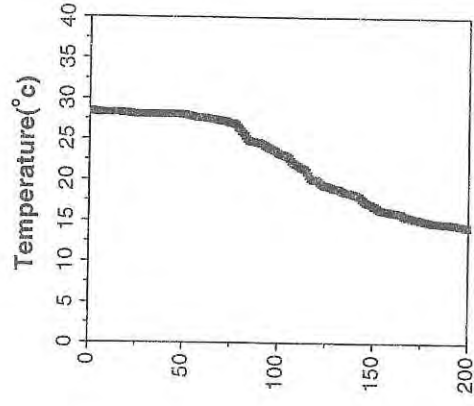
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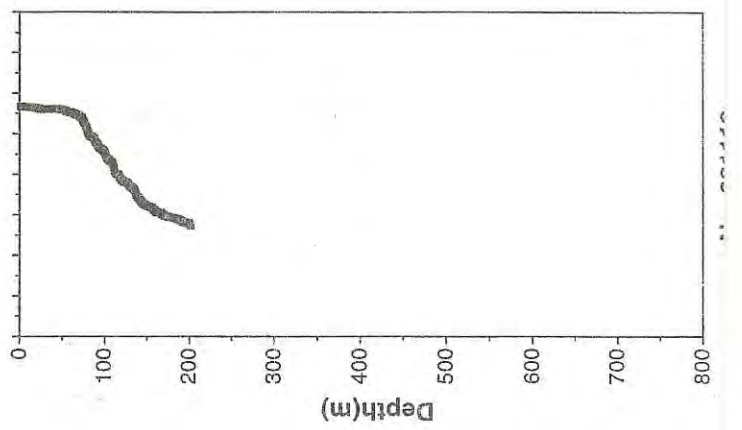
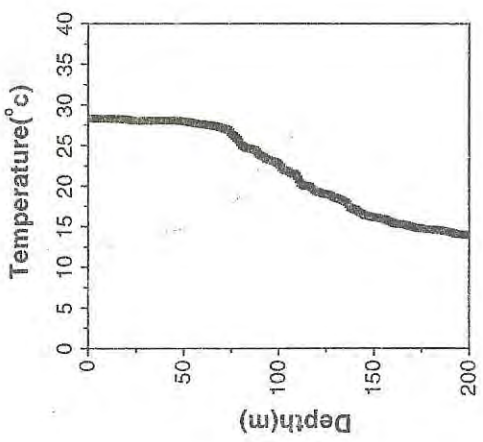
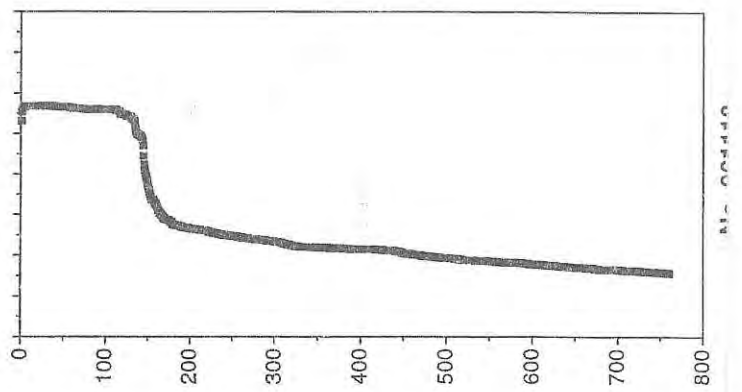
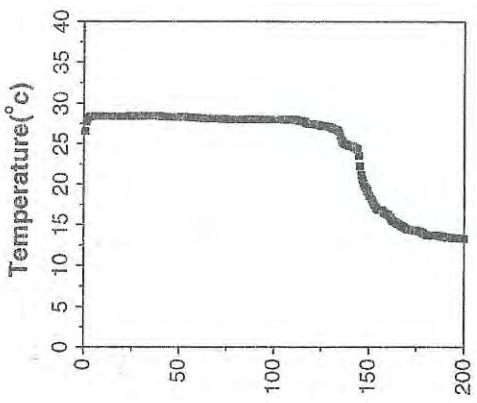
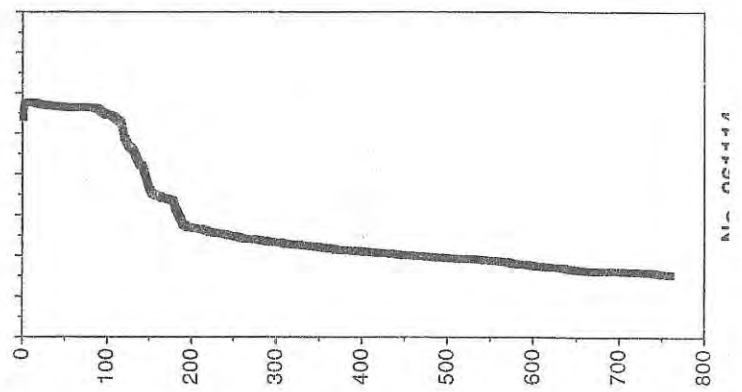
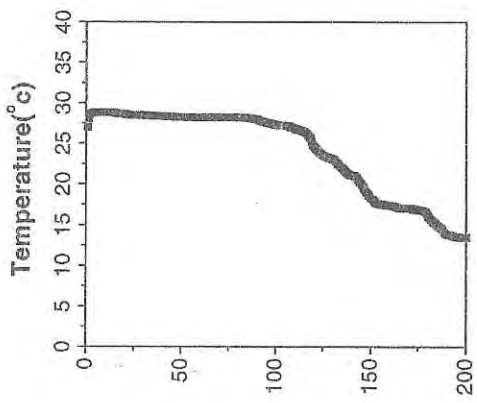
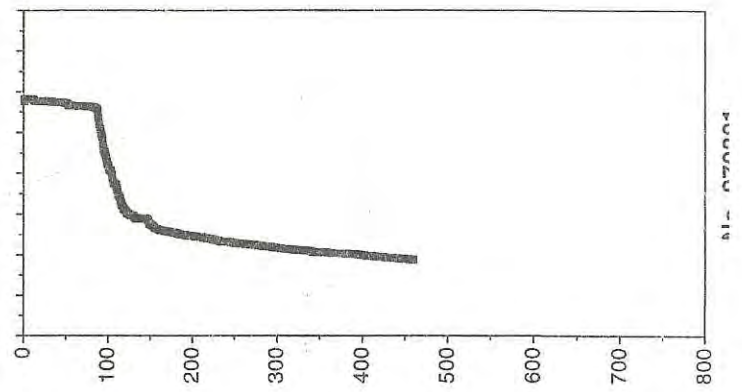
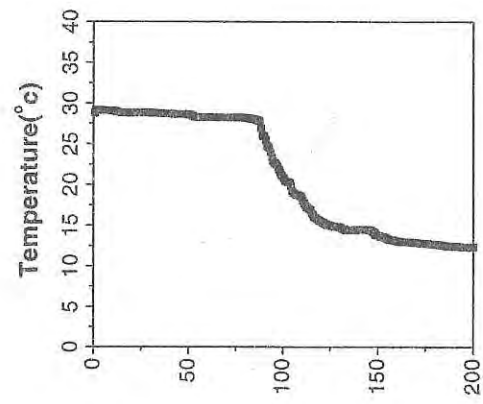
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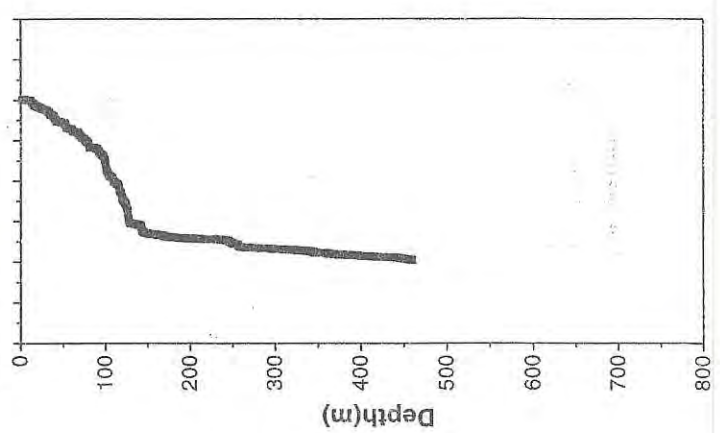
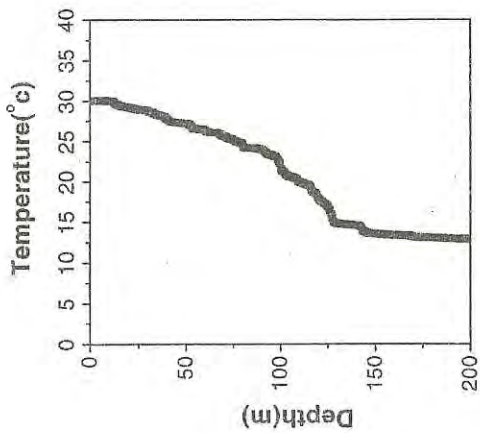
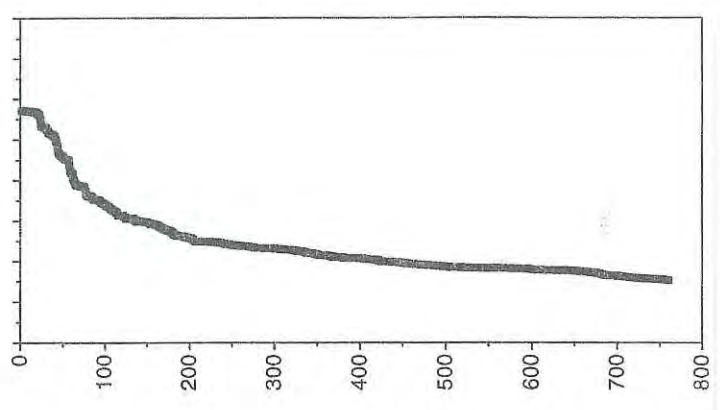
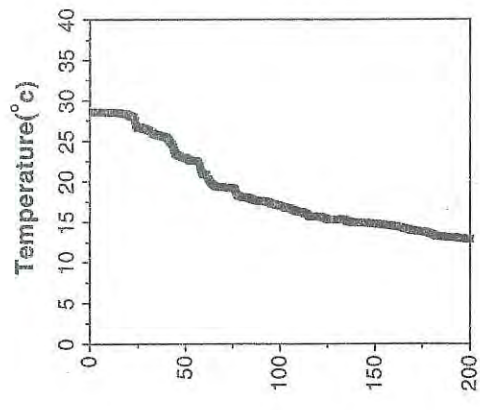
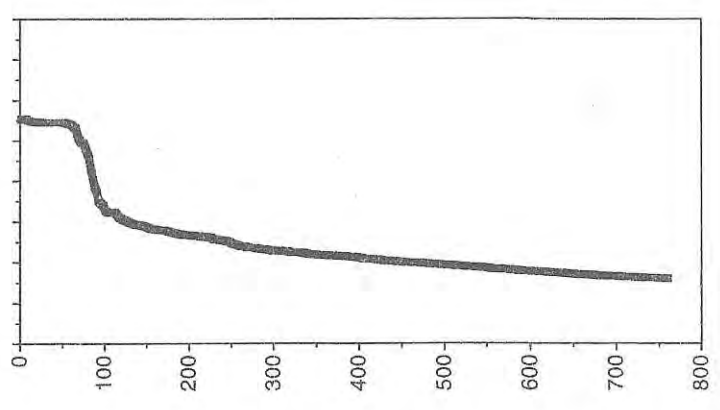
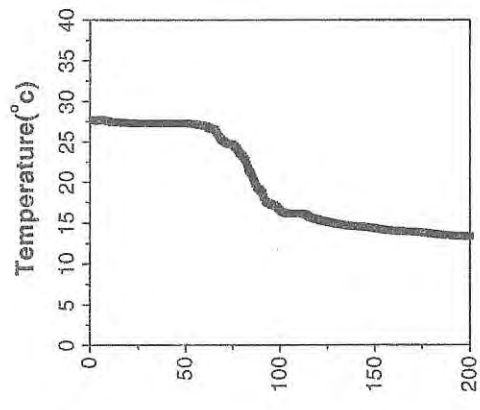
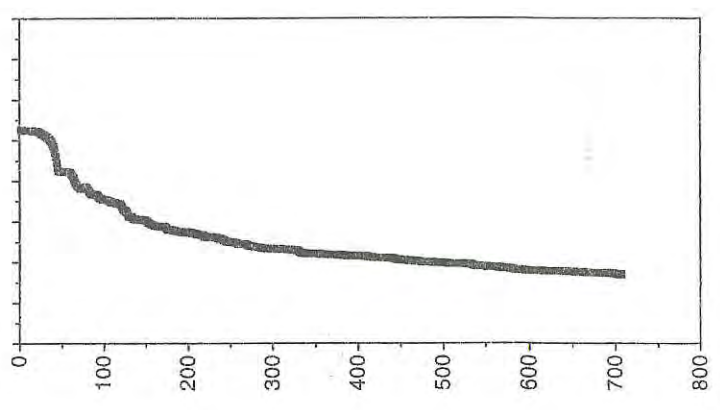
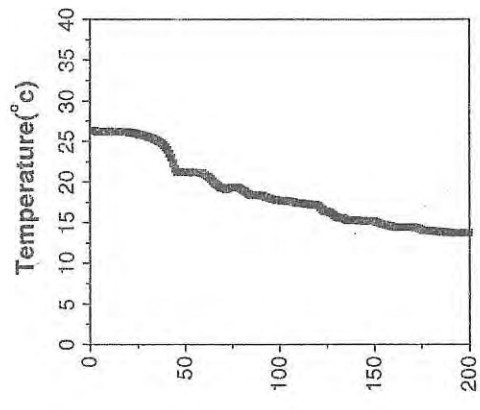
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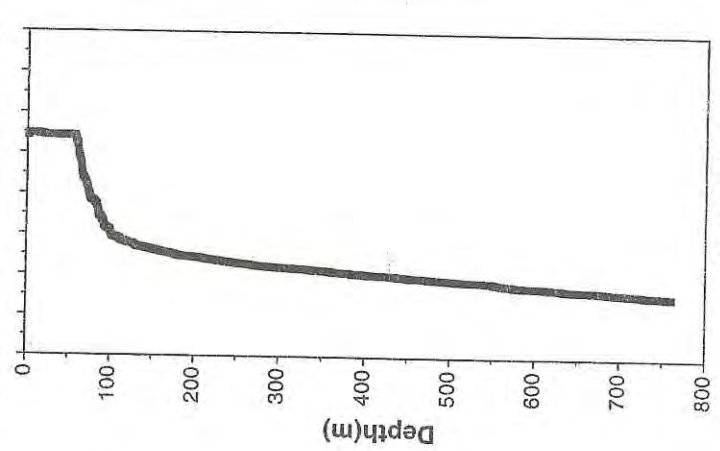
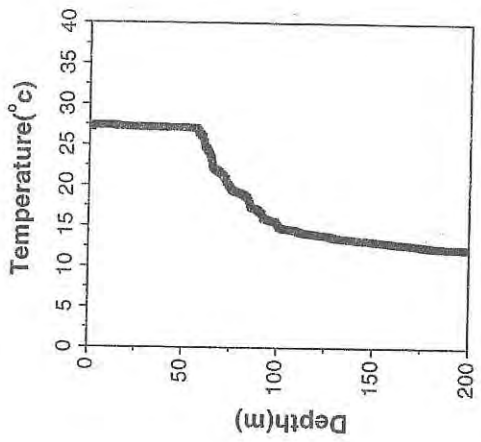
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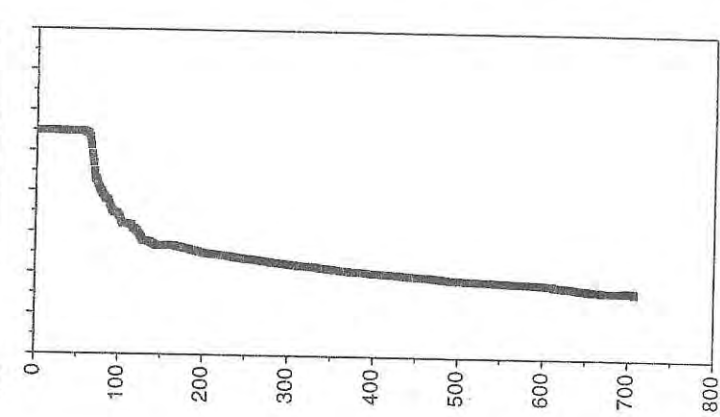
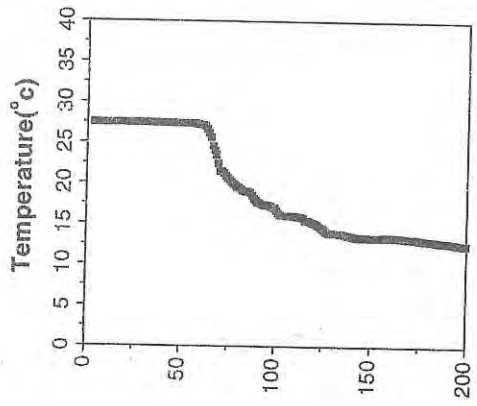




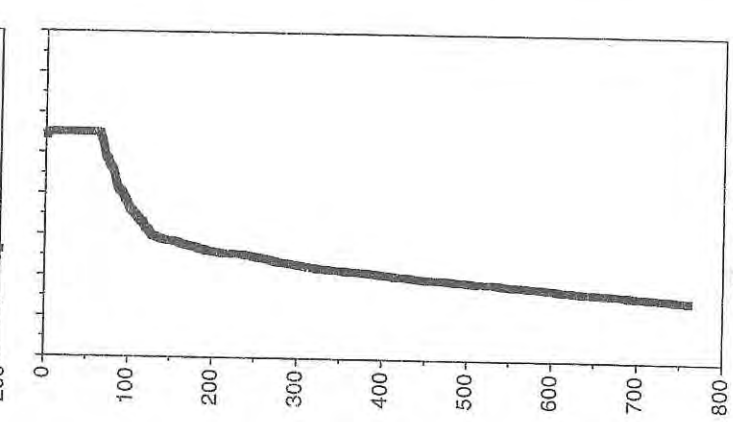
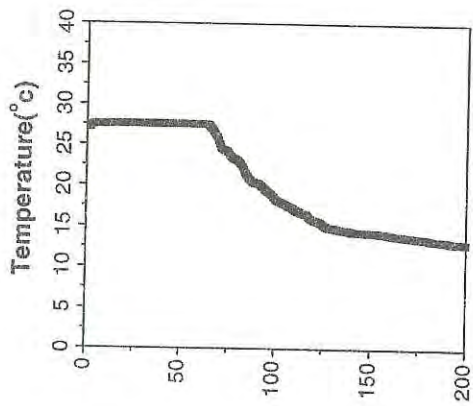




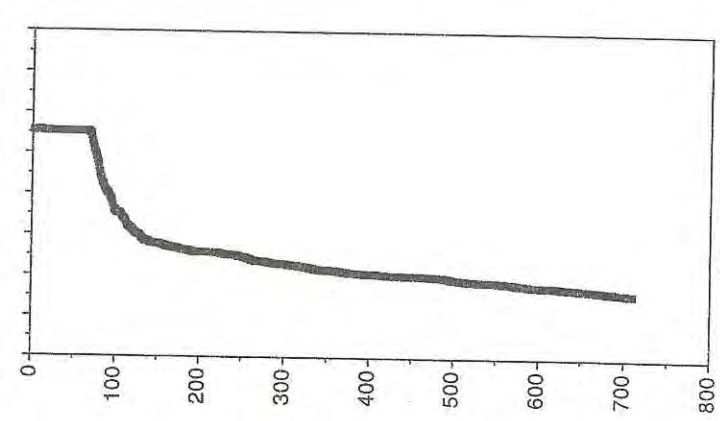
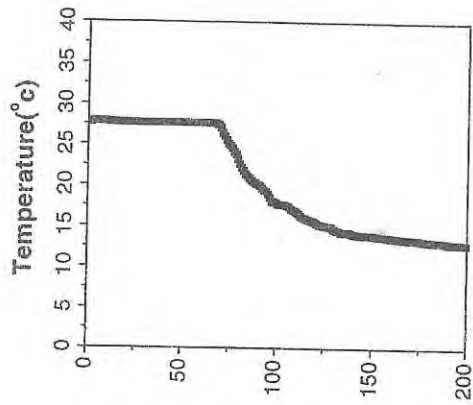
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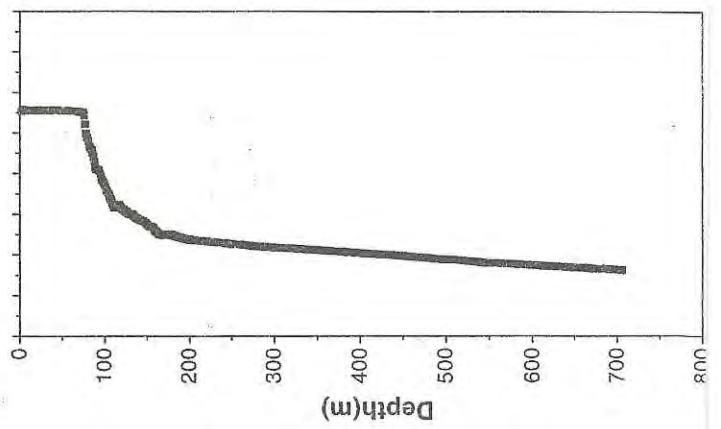
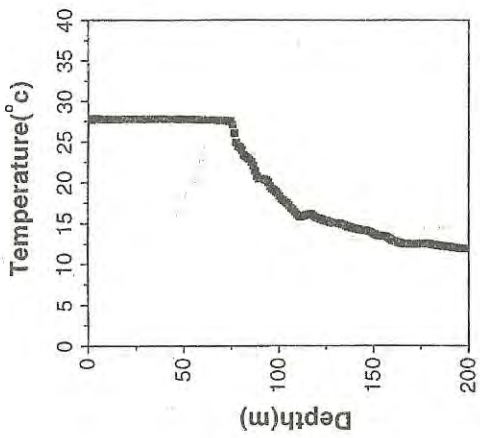
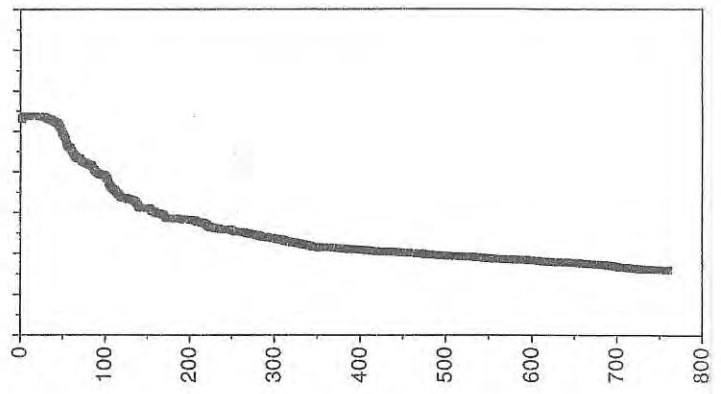
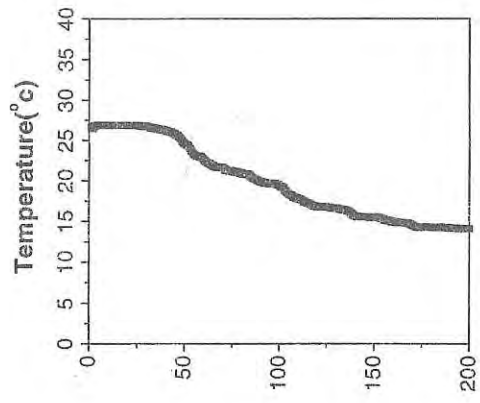
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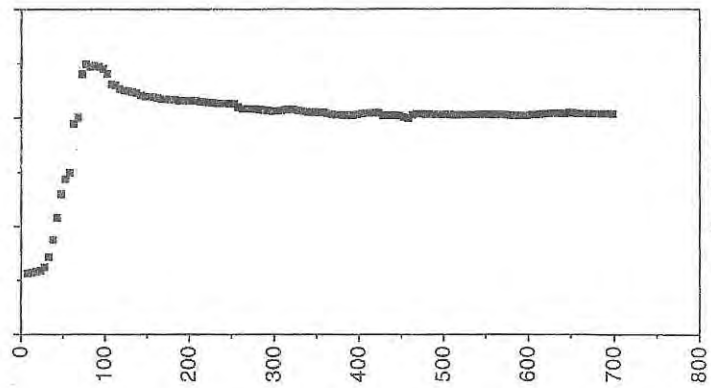
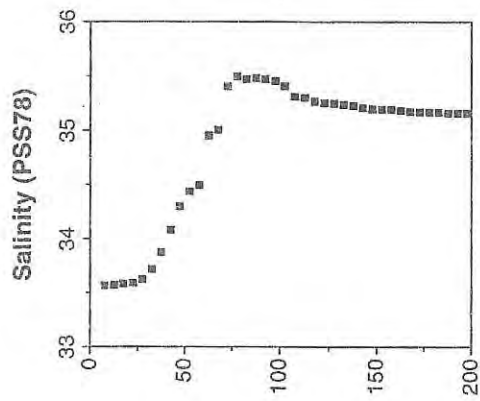


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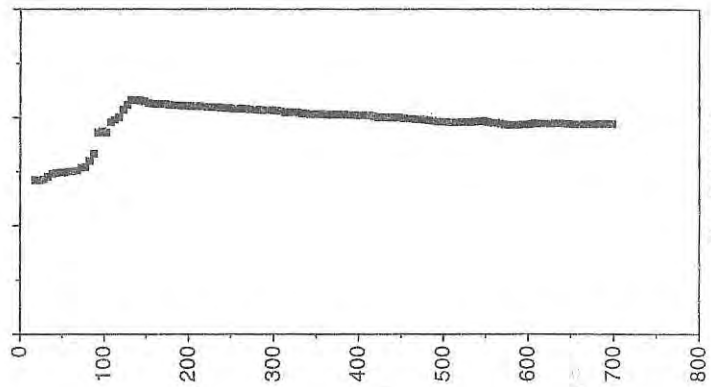
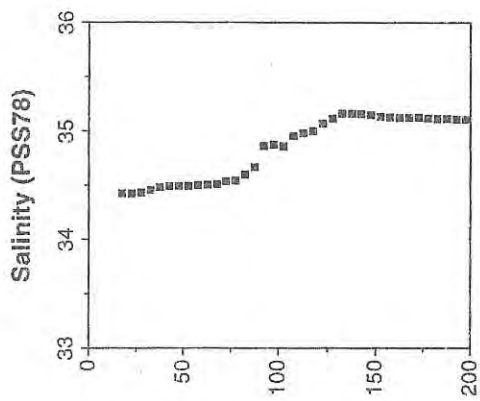


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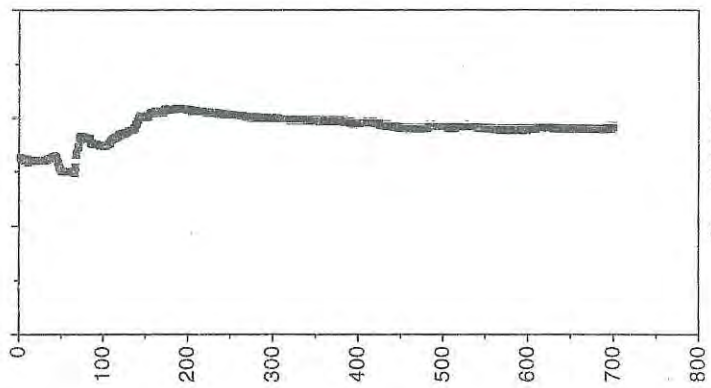
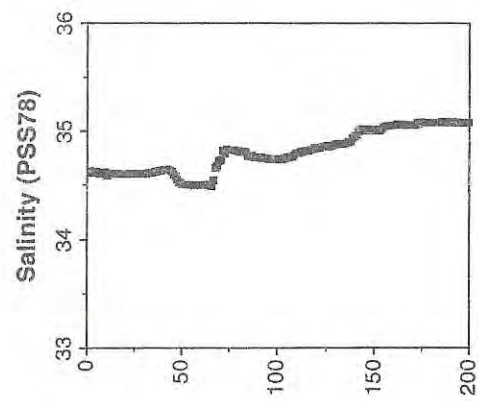




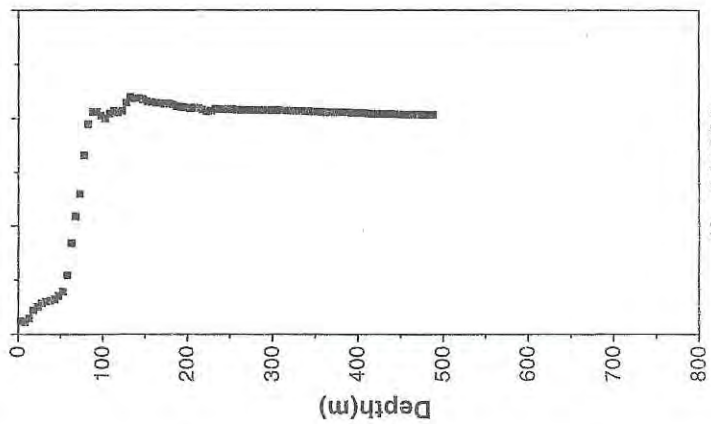
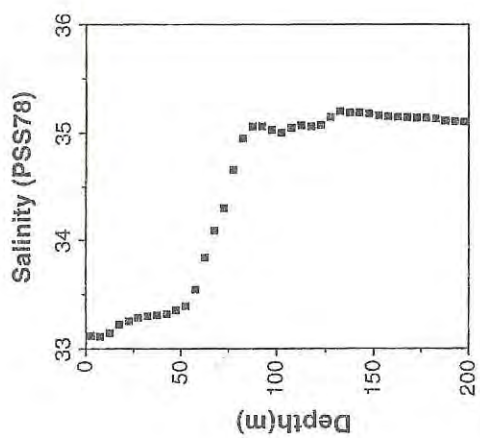
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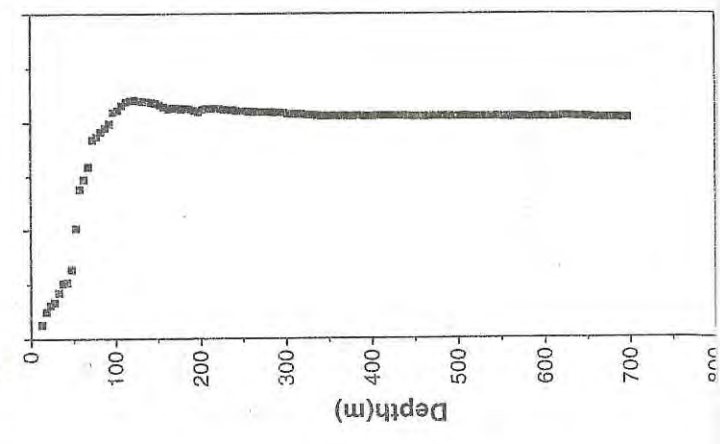
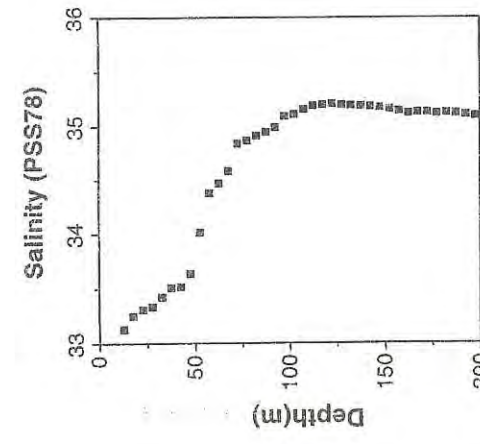
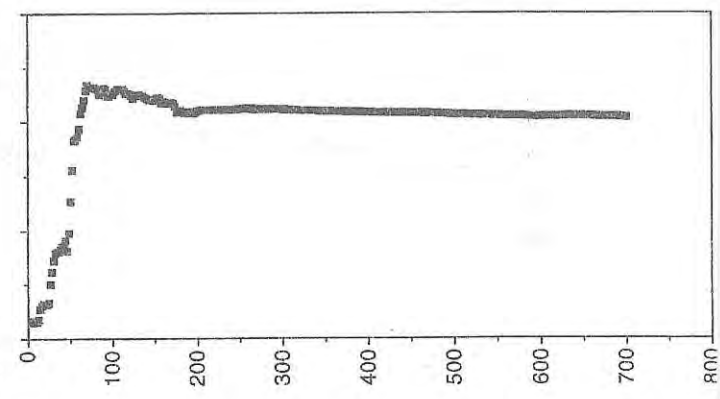
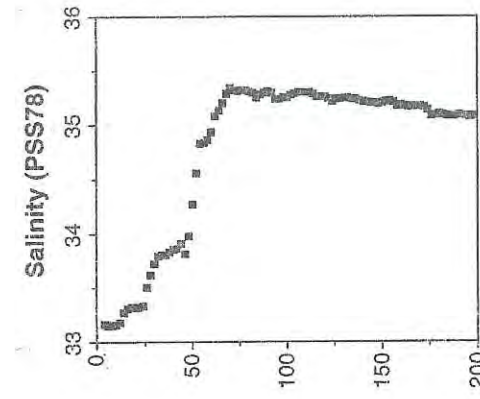
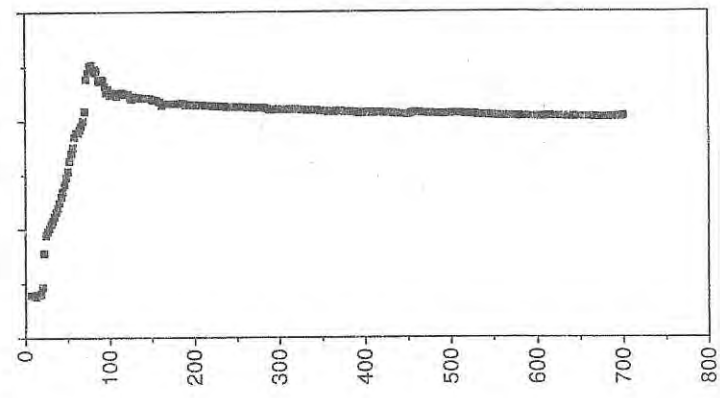
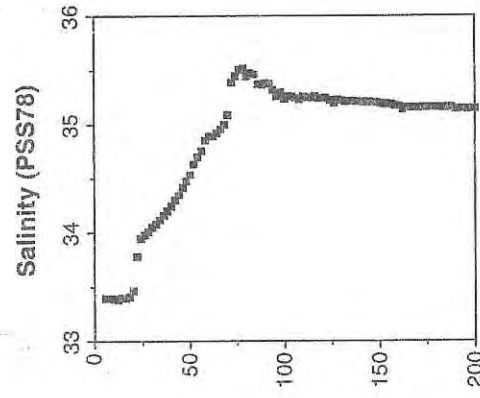
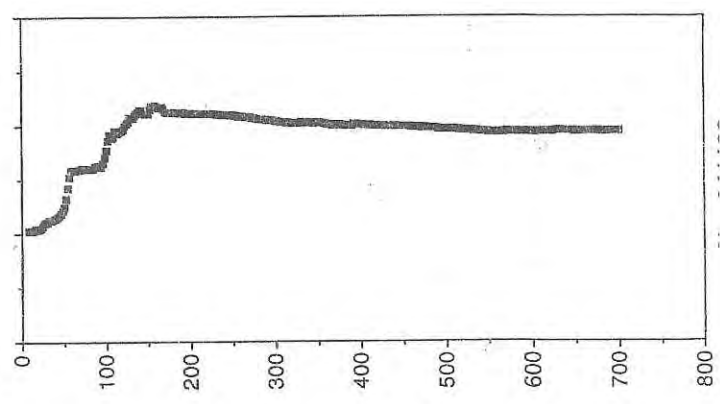
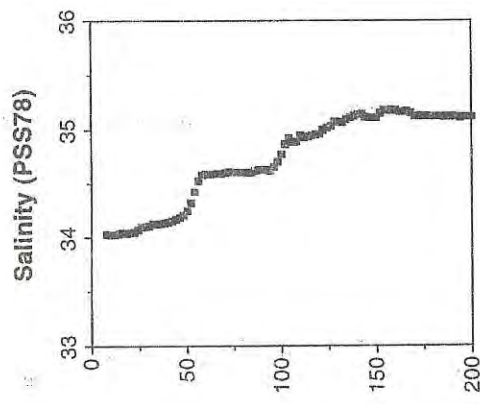
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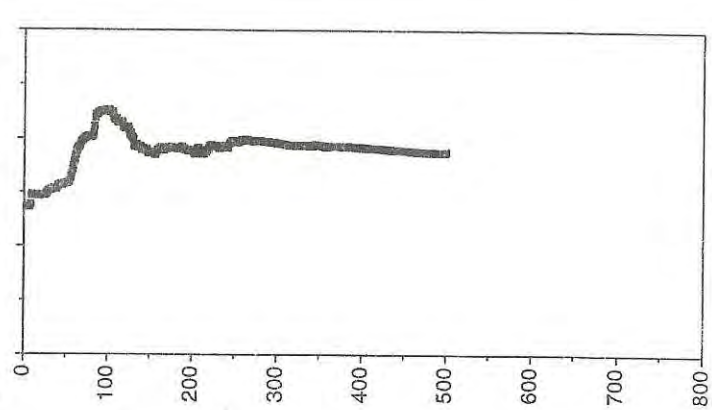
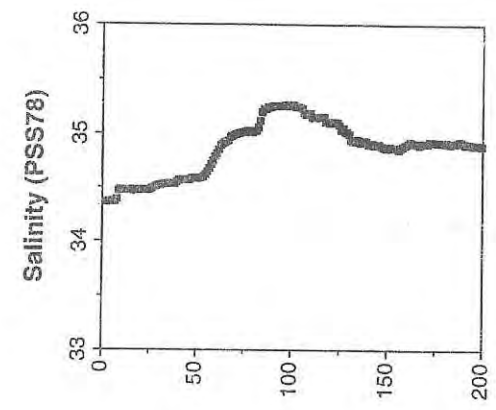


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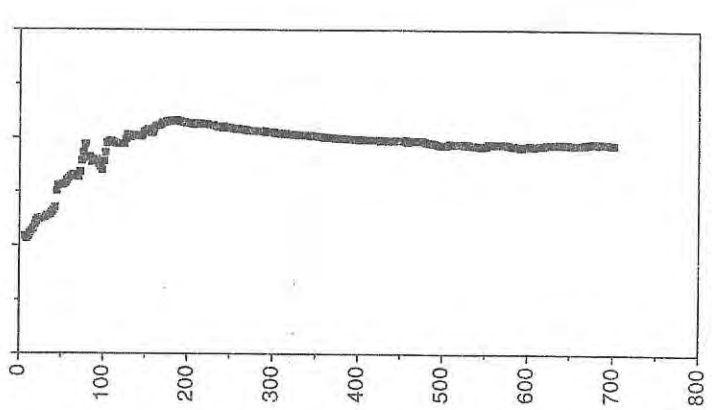
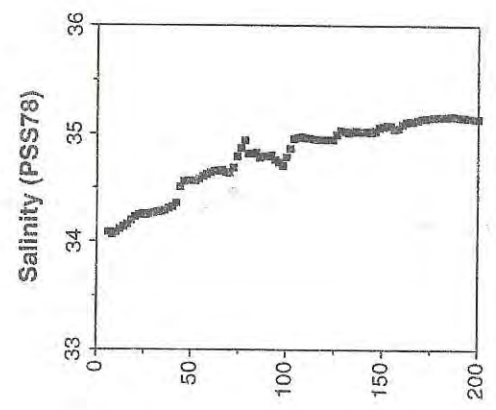


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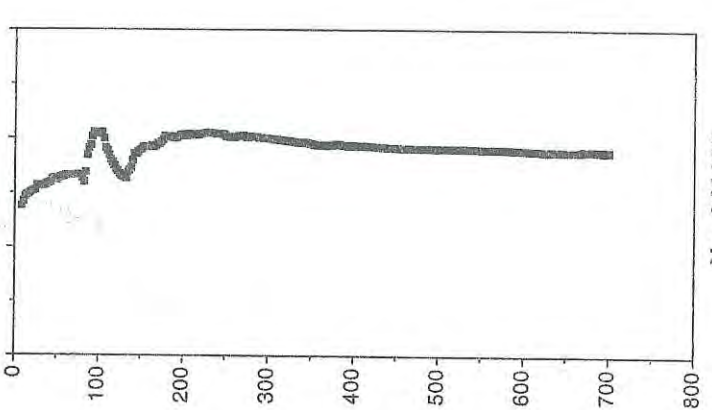
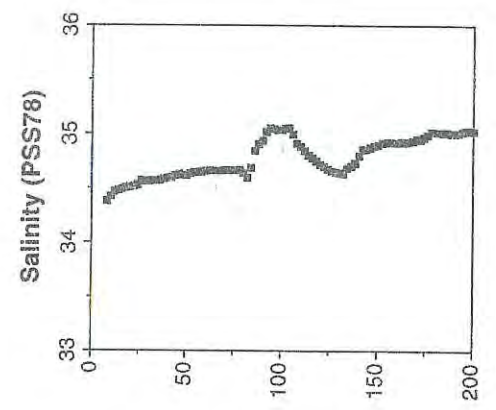




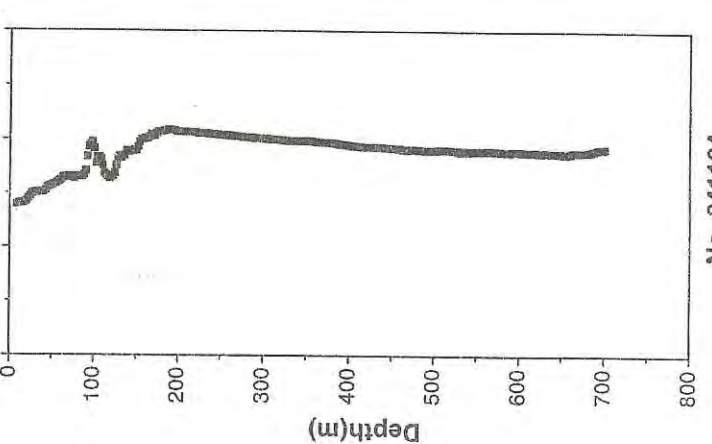
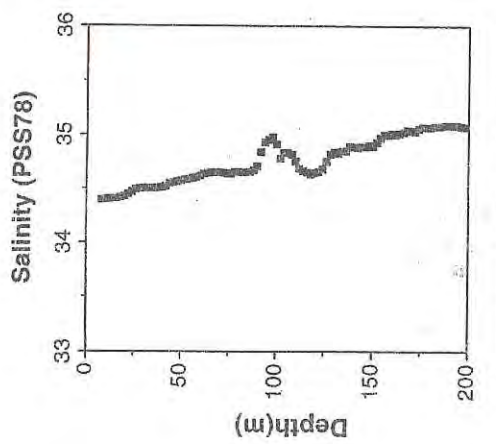
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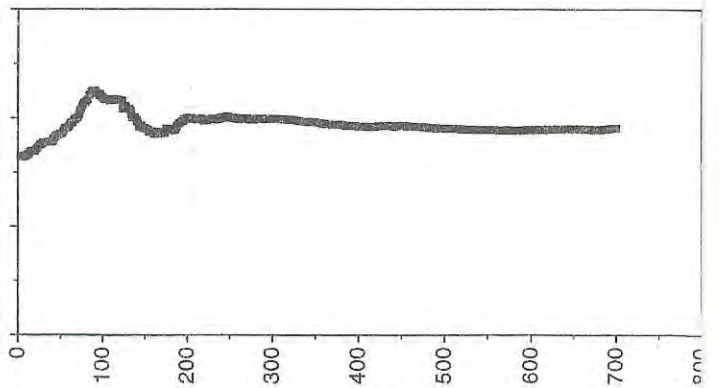
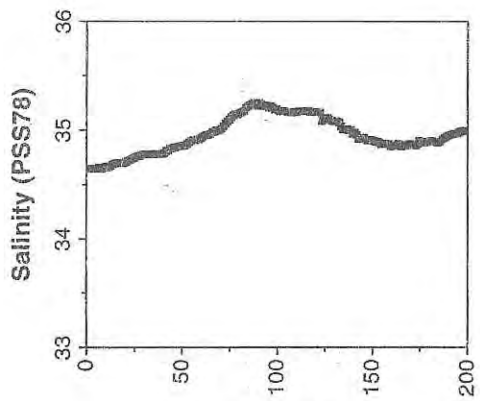
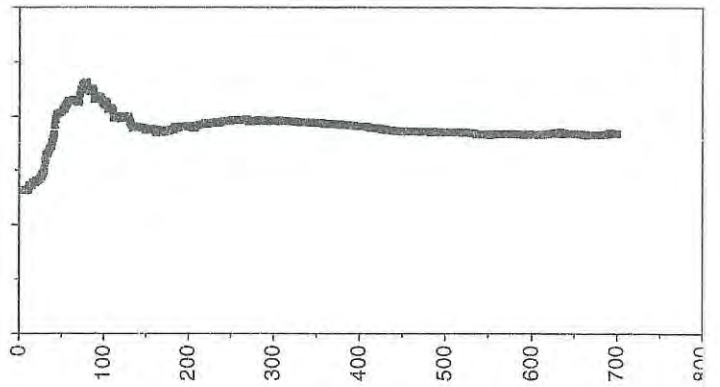
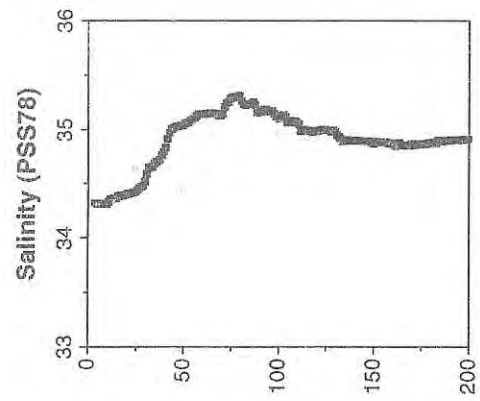
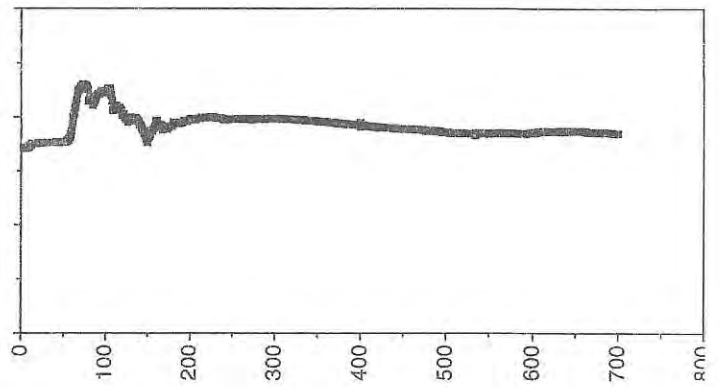
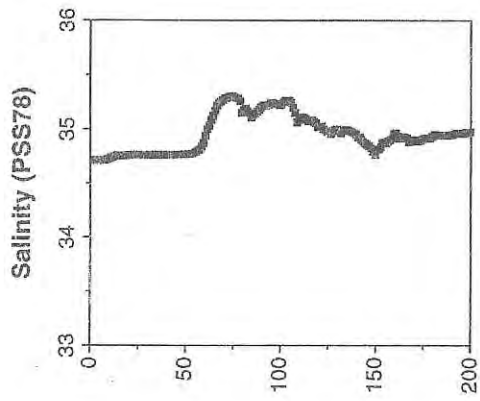
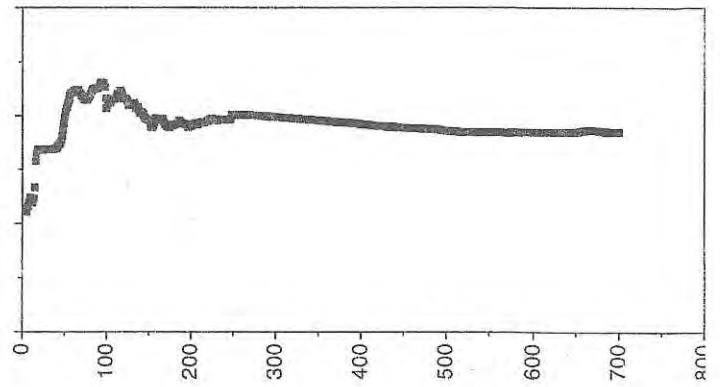
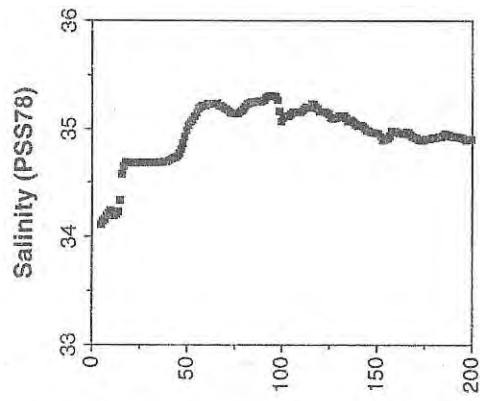
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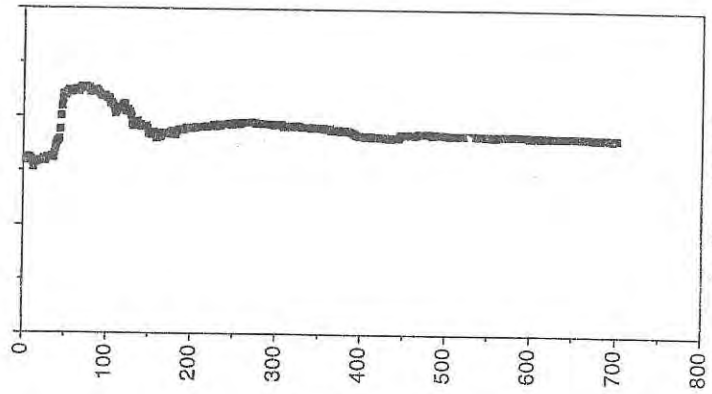
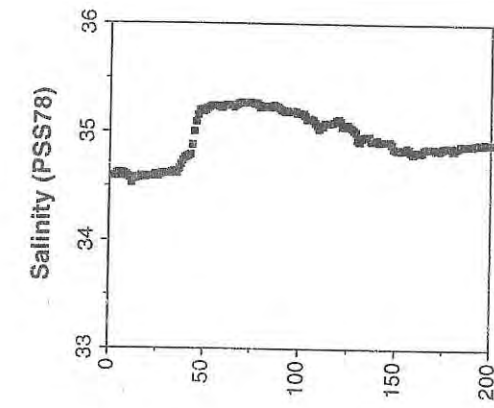


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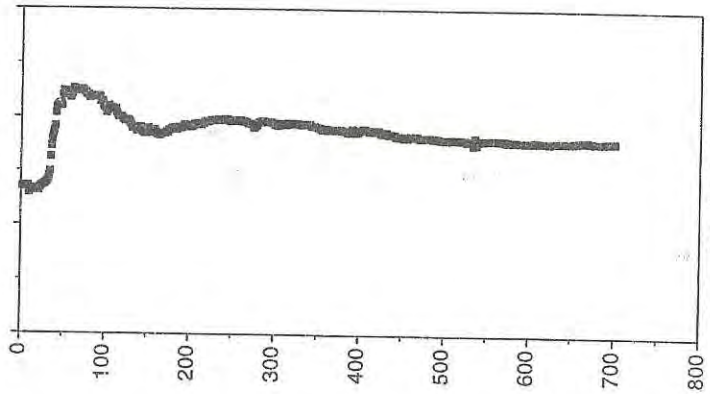
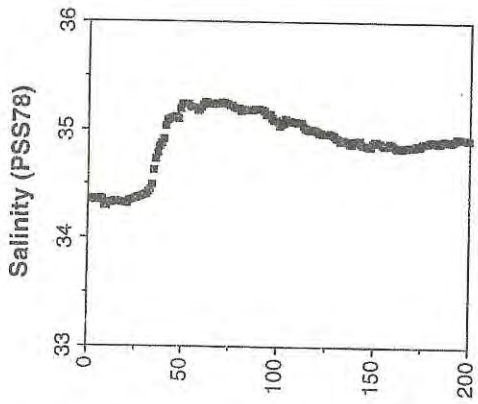


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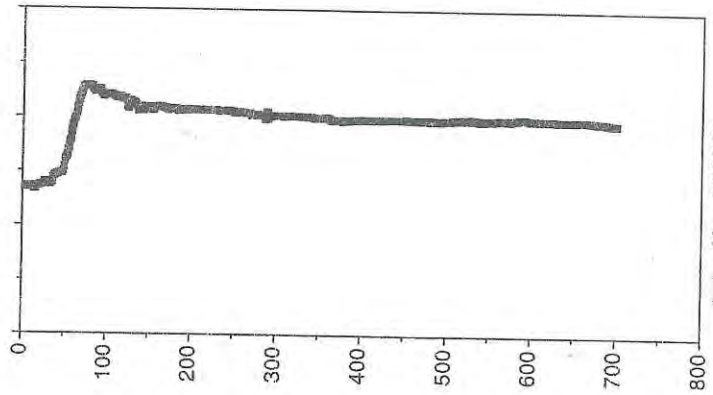
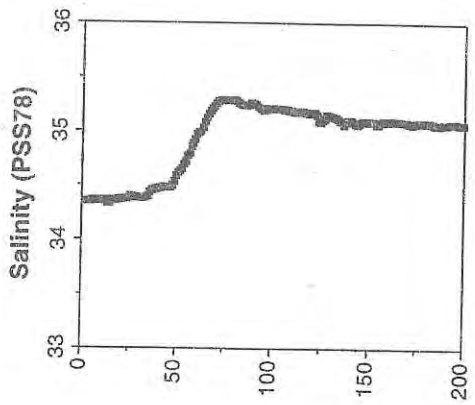




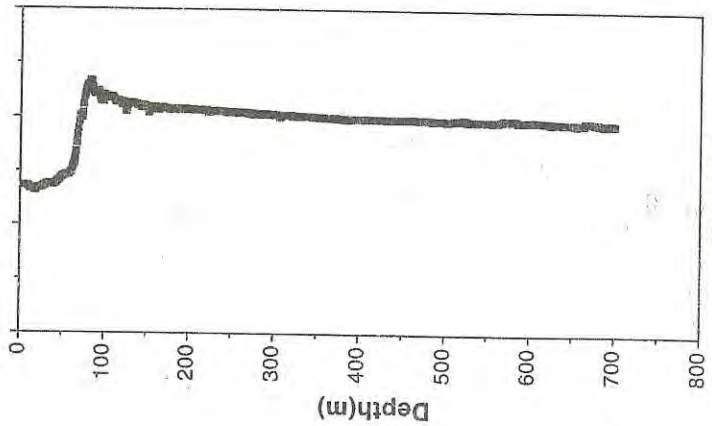
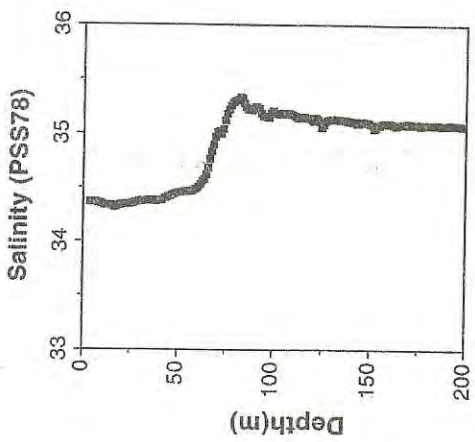
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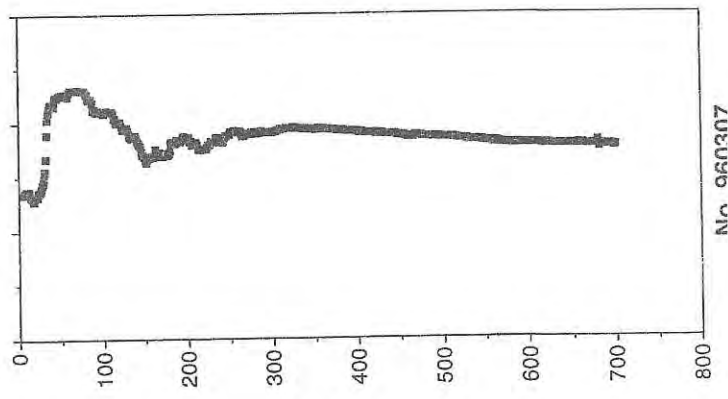
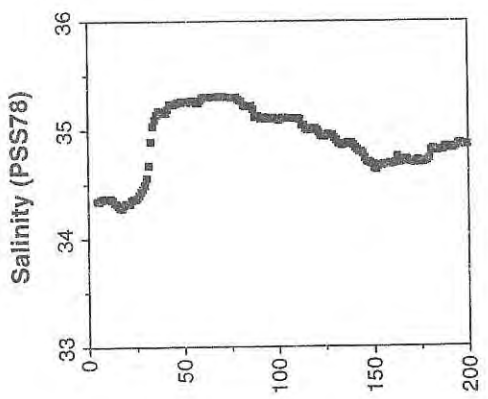
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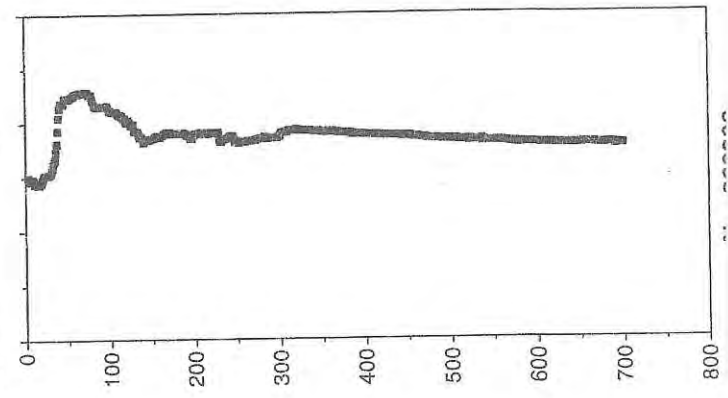
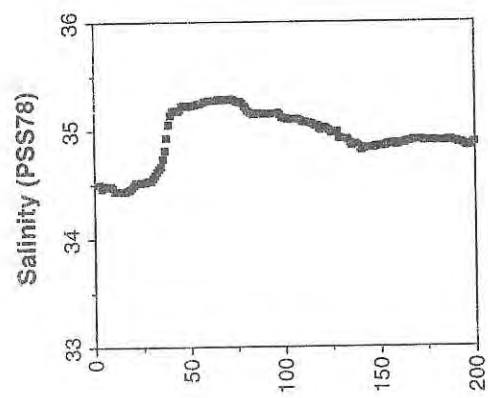
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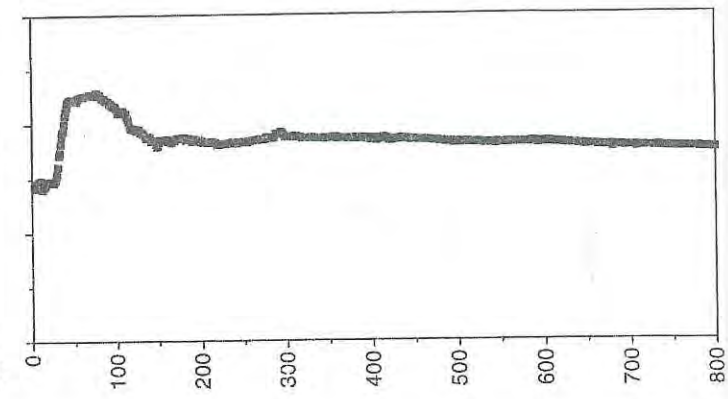
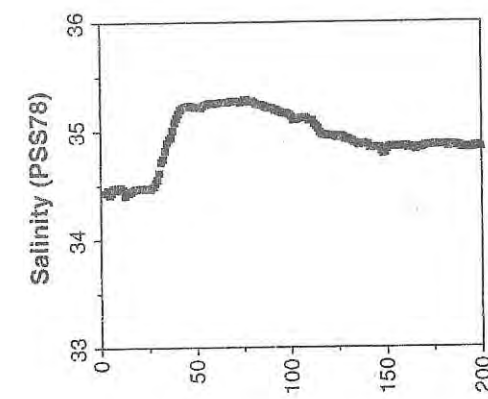
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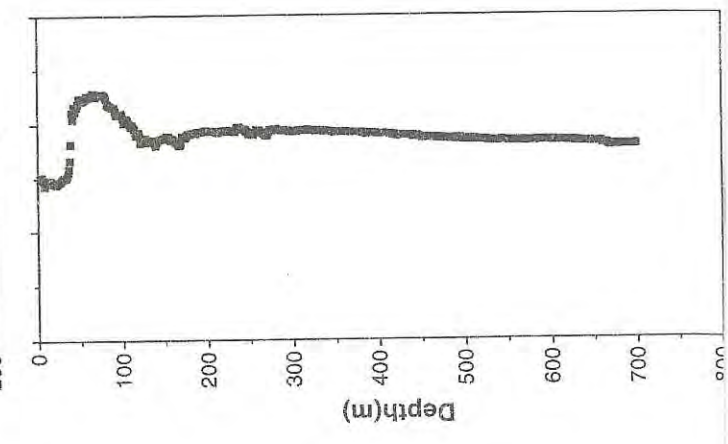
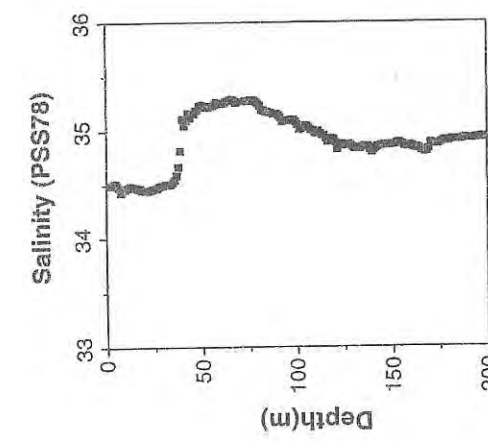
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960308

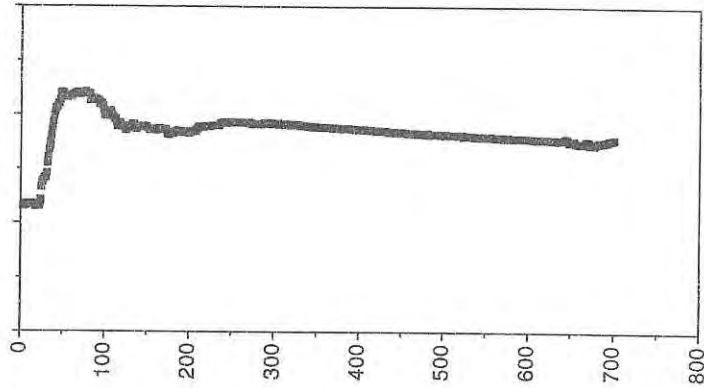
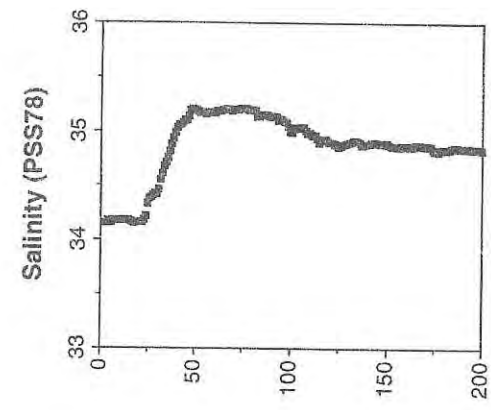


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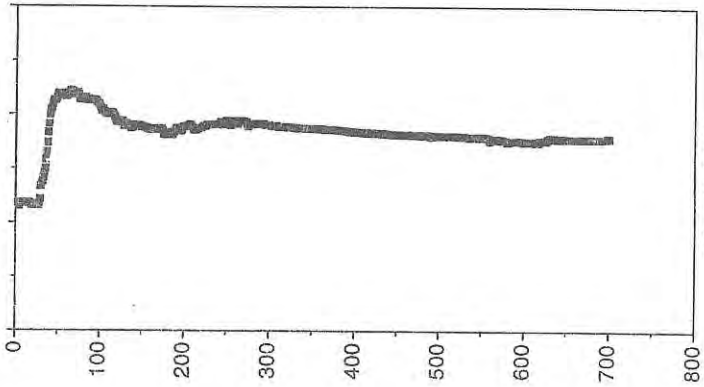
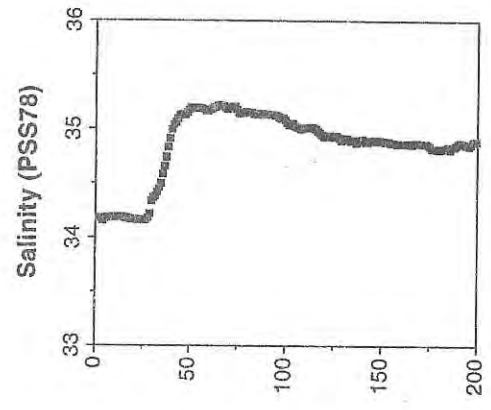


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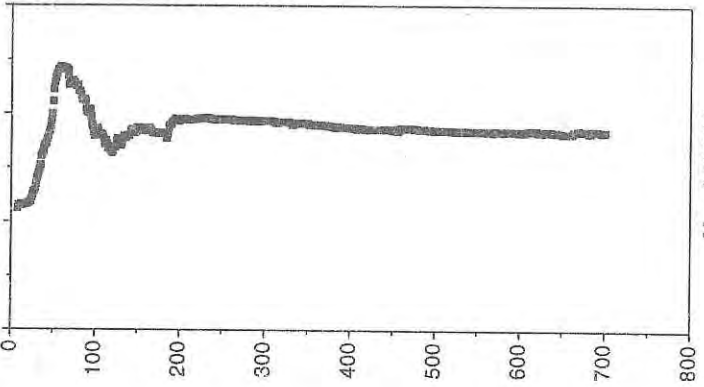
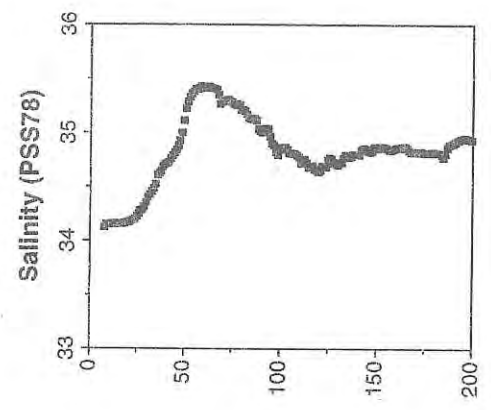




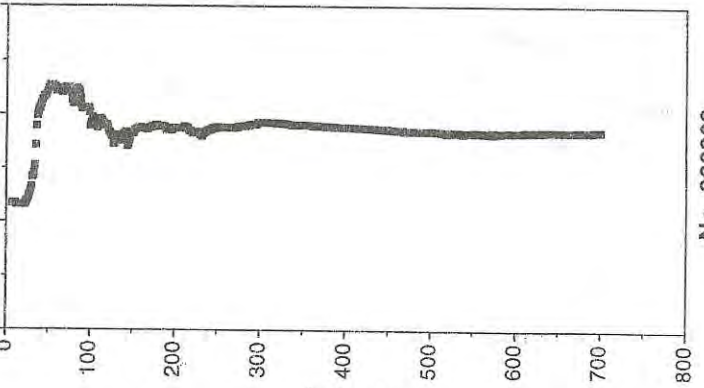
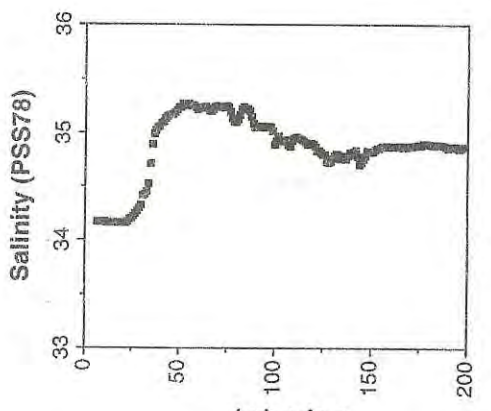
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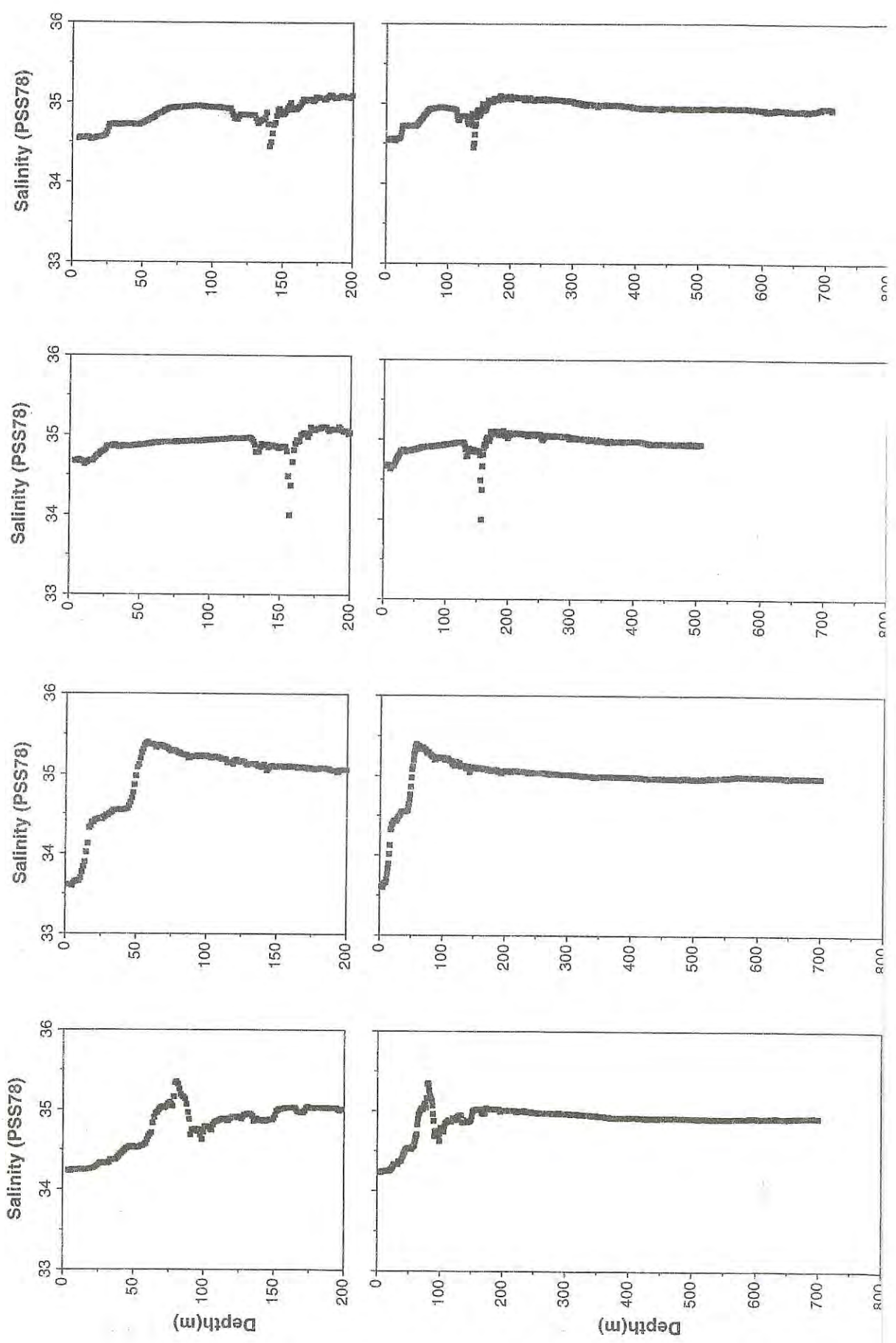
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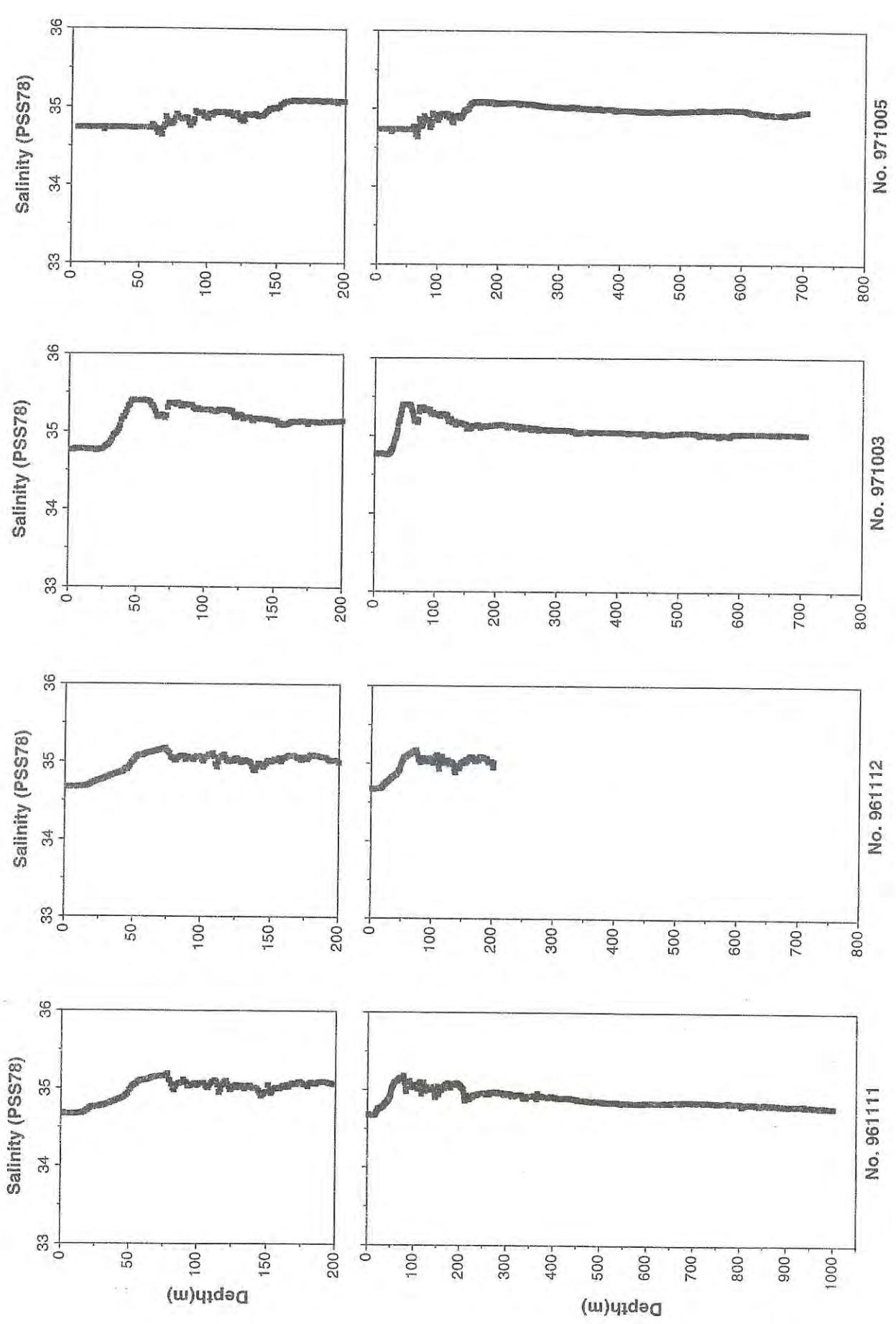


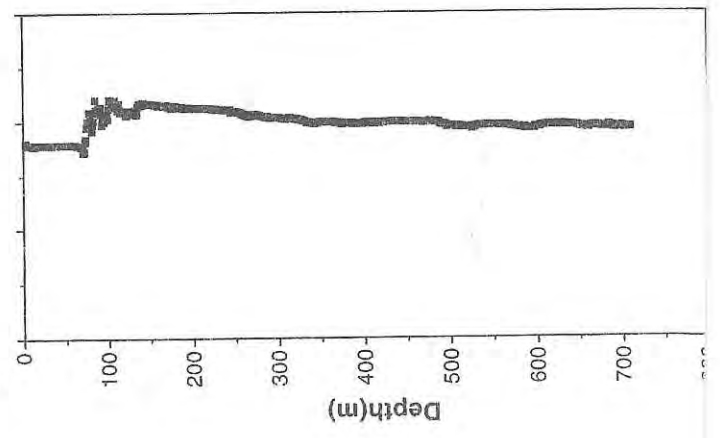
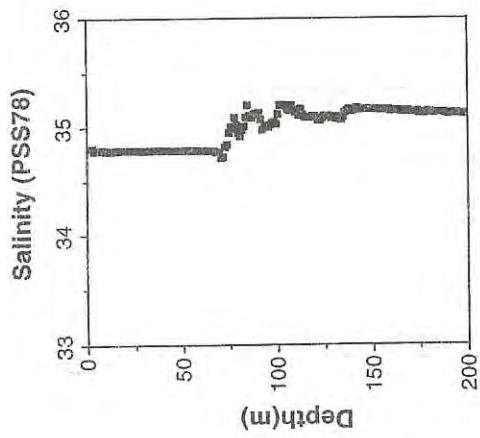
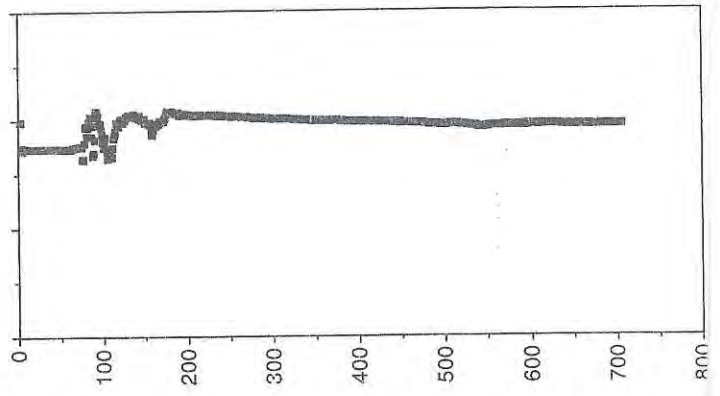
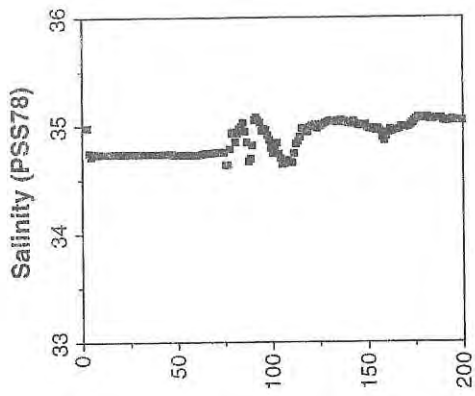
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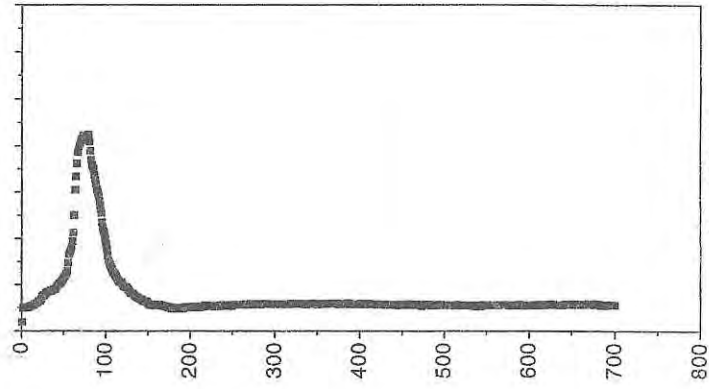
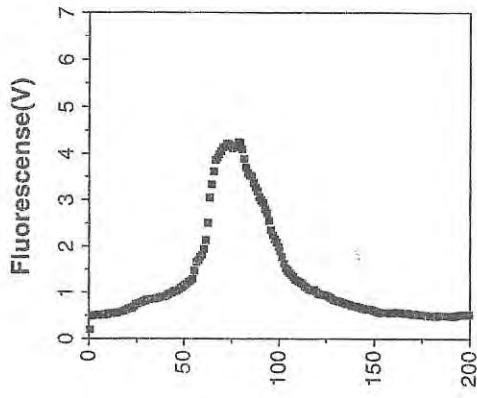


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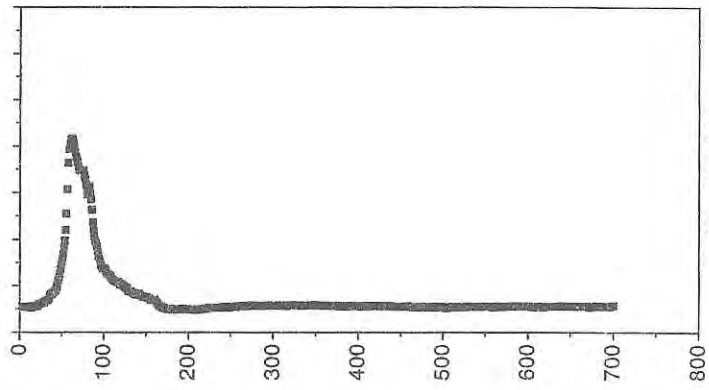
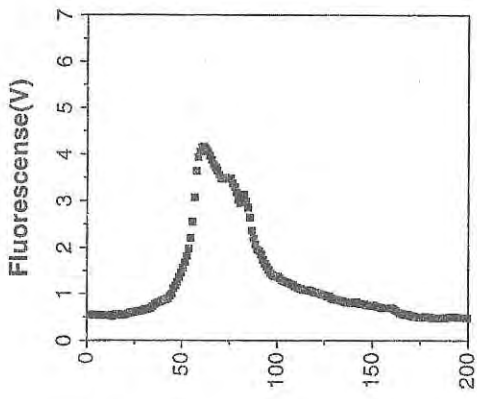




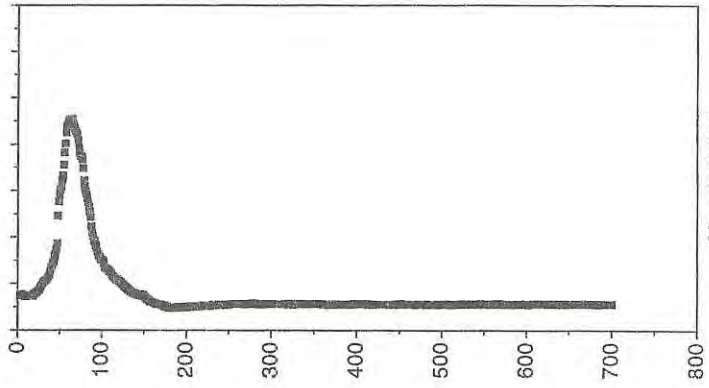
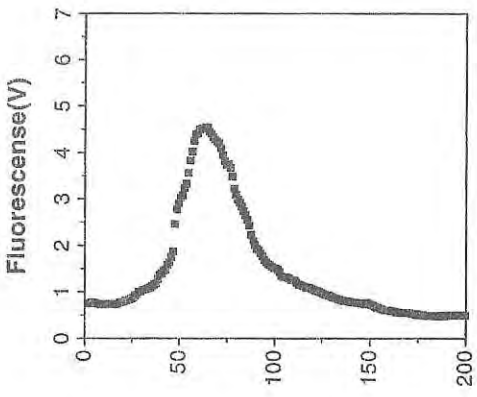




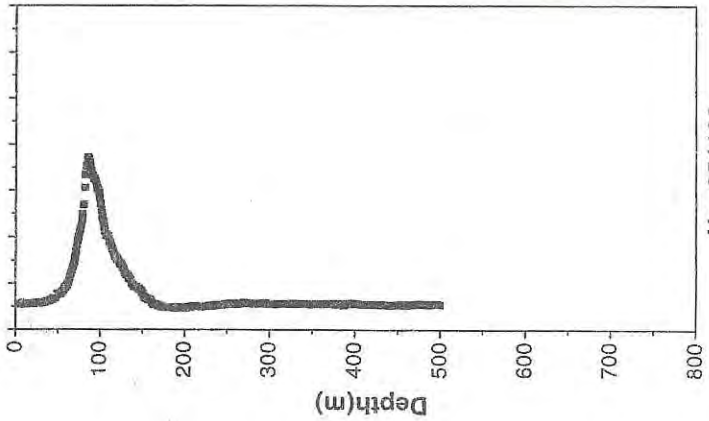
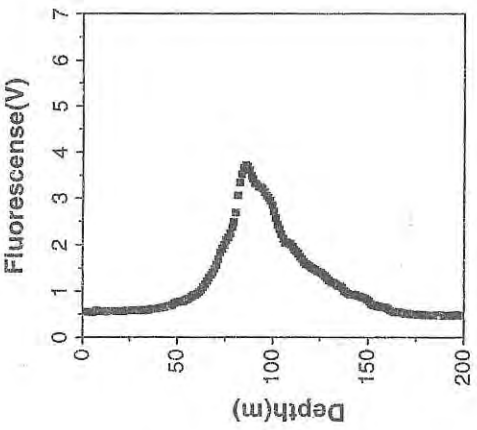
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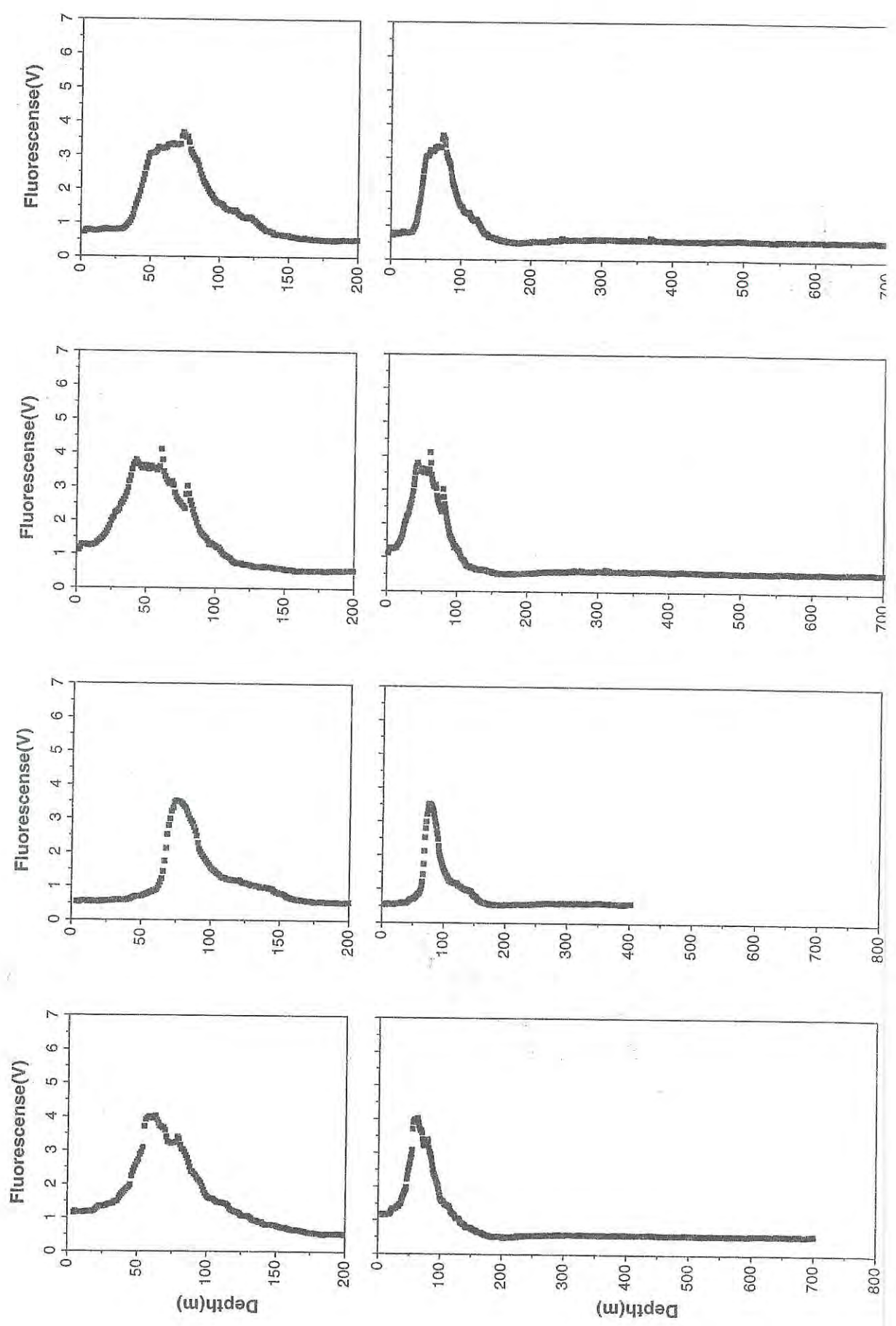
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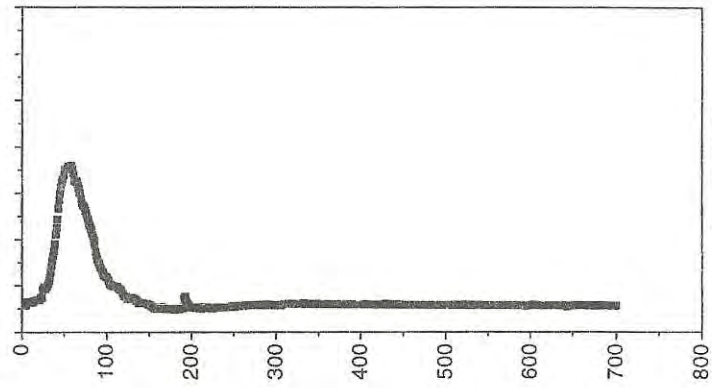
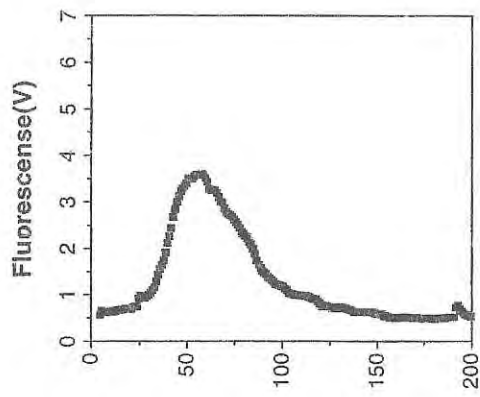


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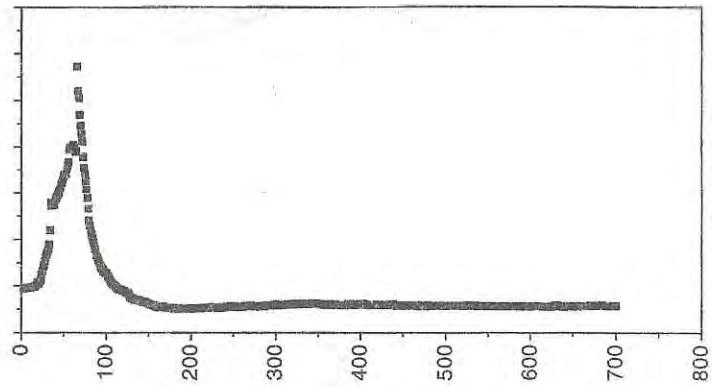
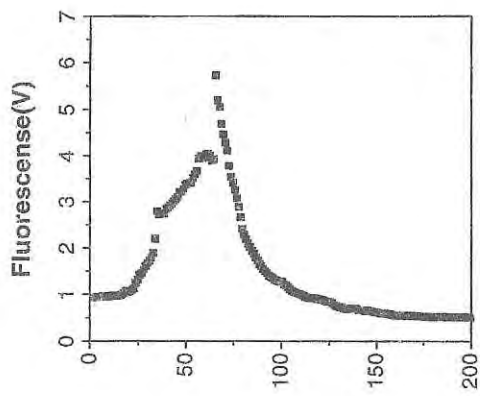


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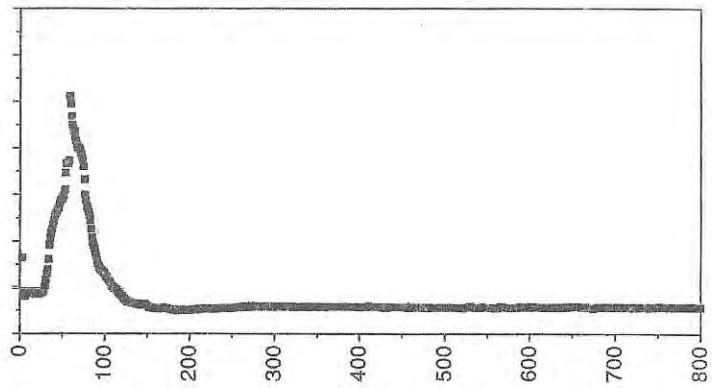
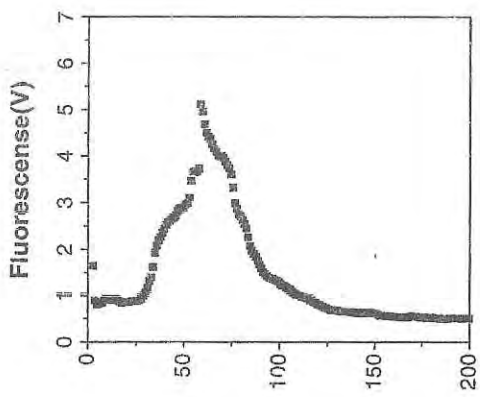




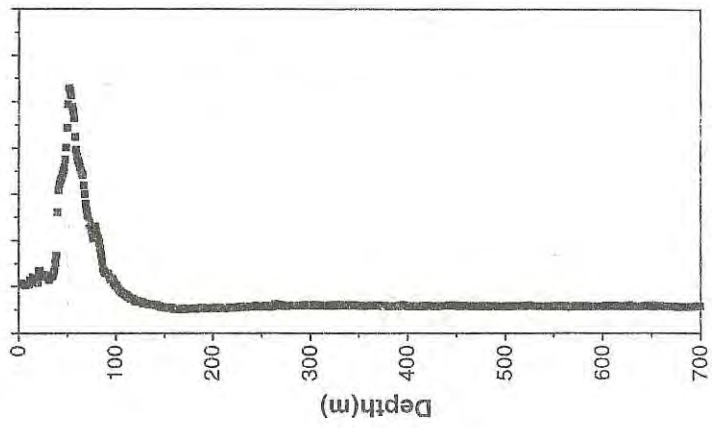
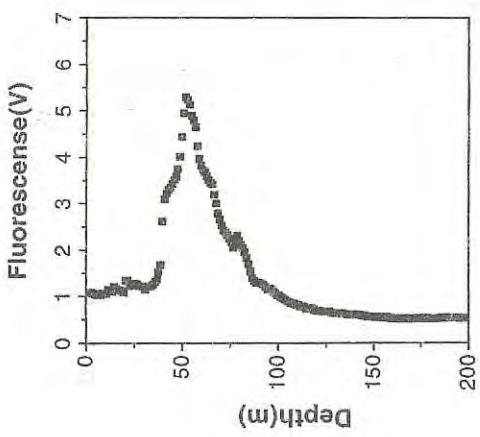
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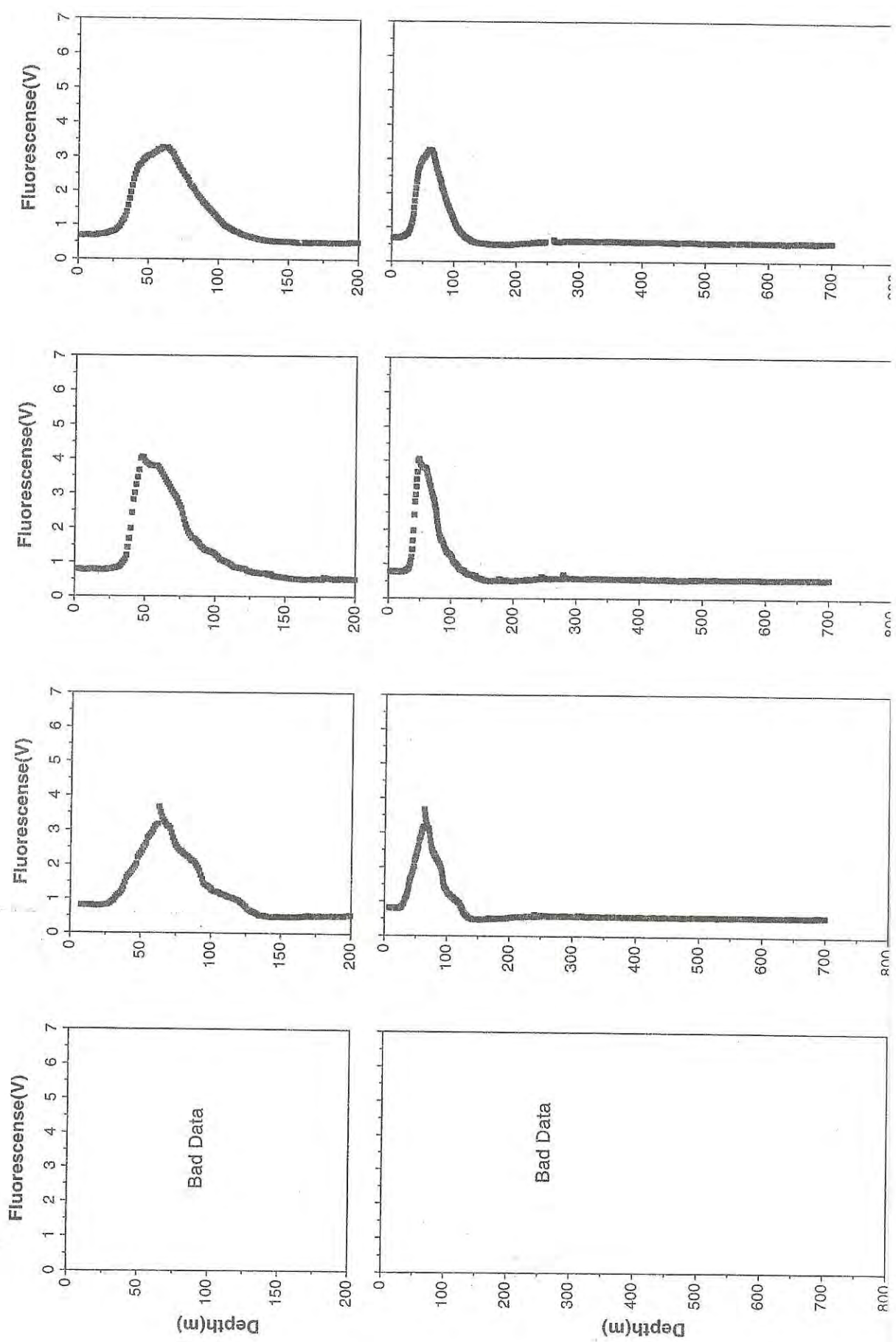
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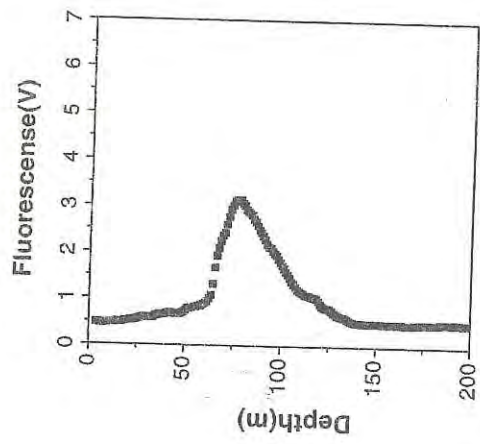
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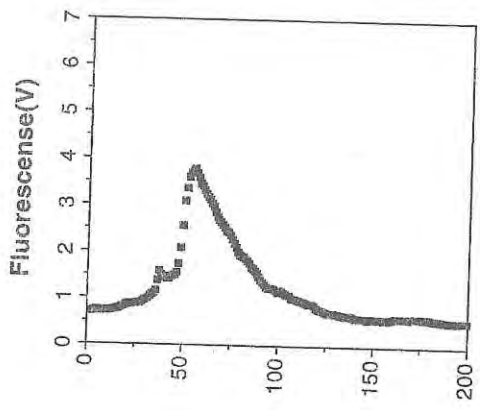
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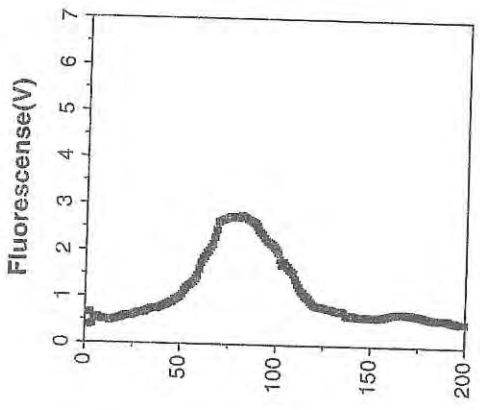




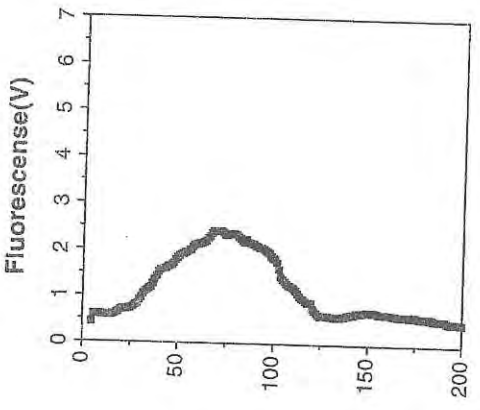
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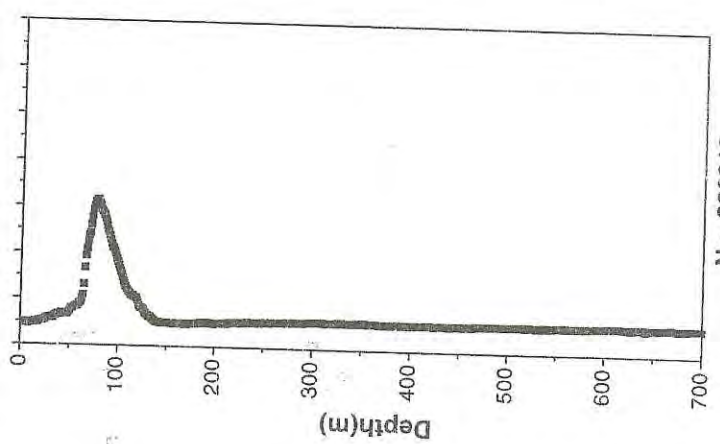
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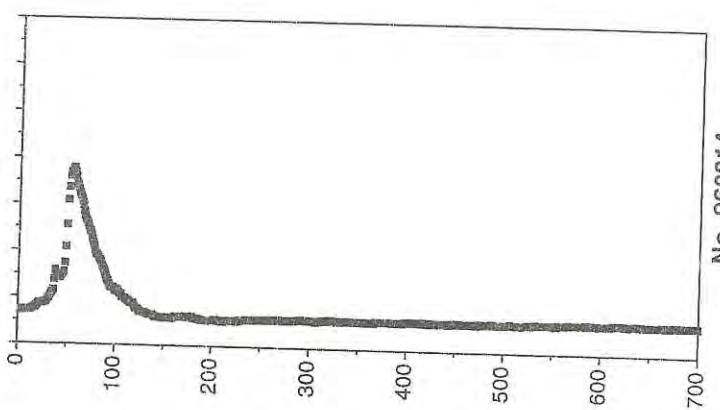
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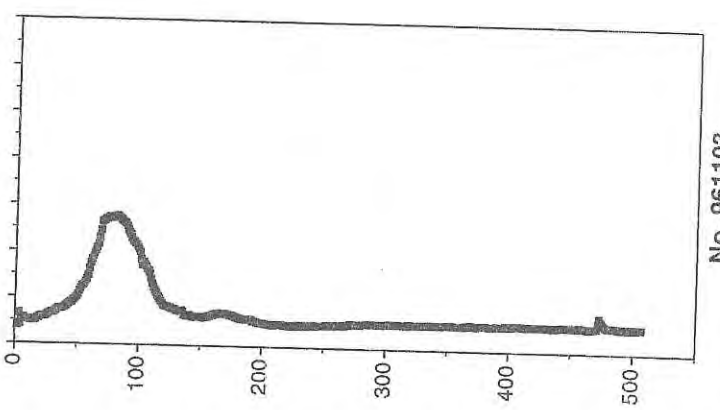
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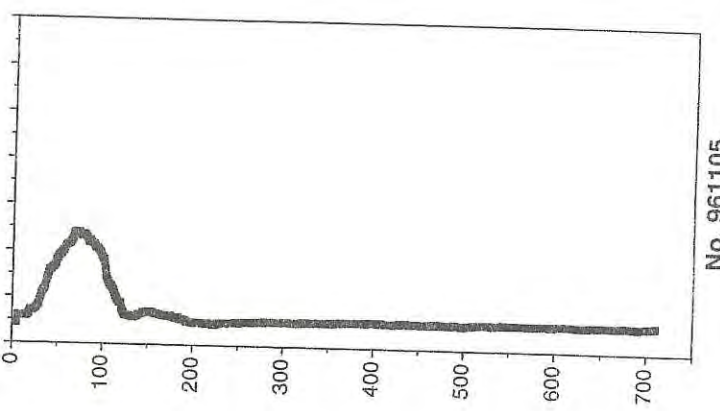
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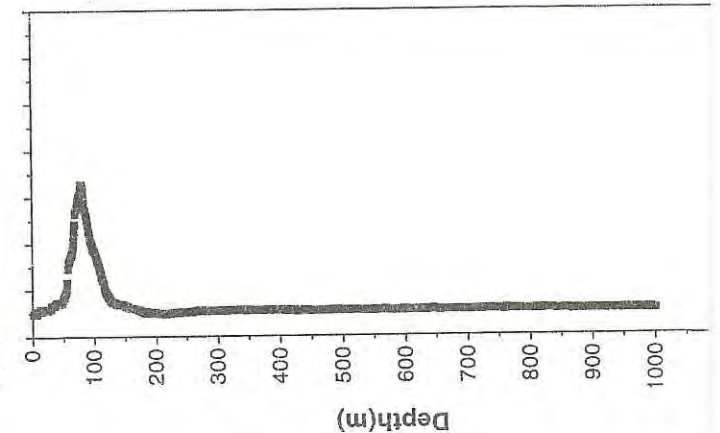
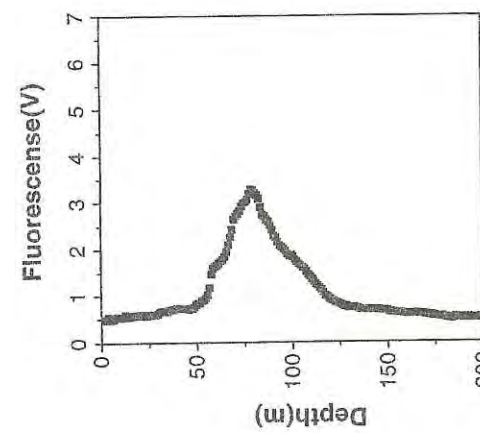
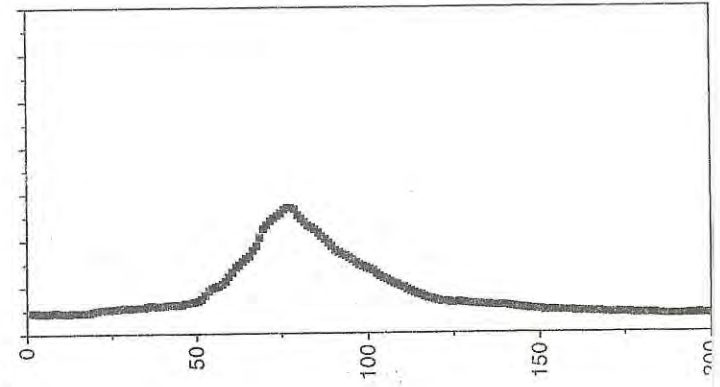
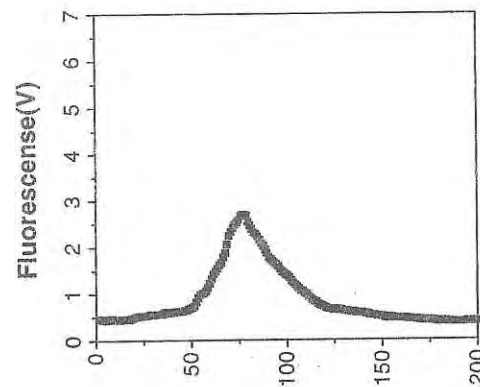
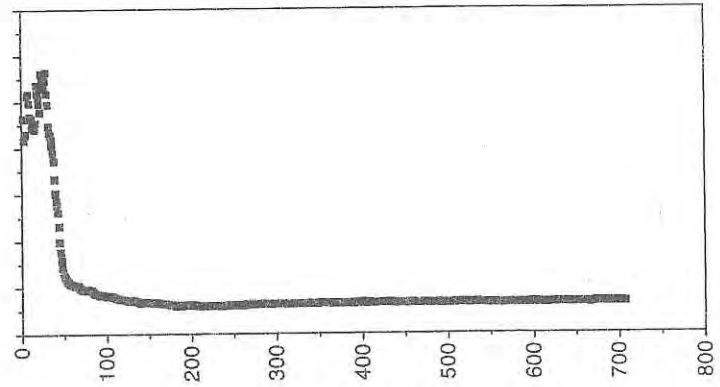
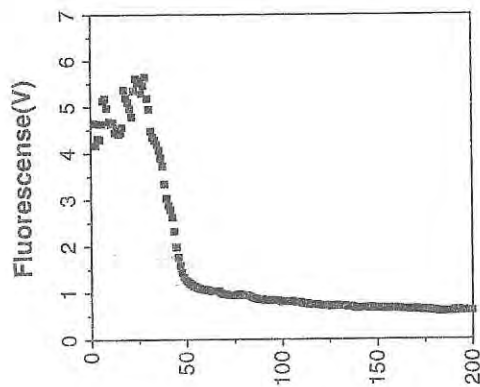
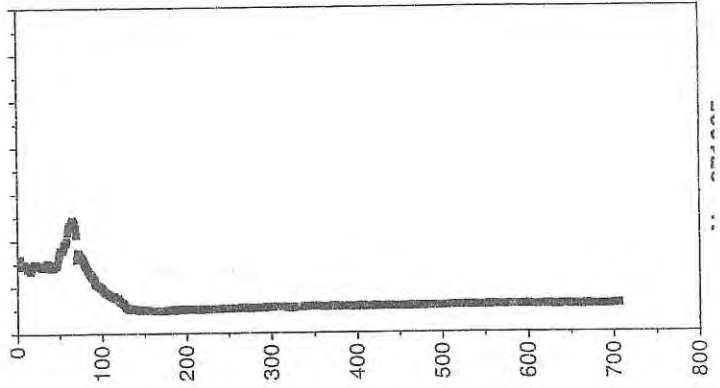
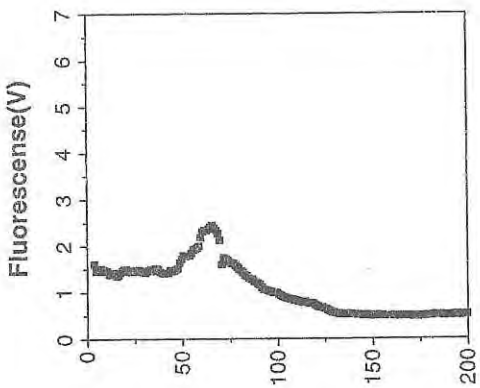
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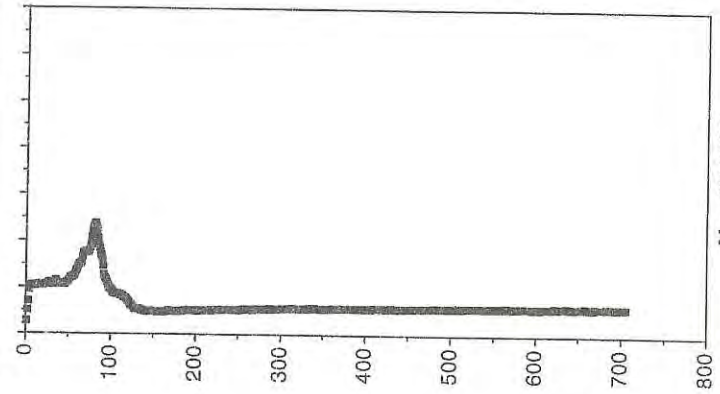
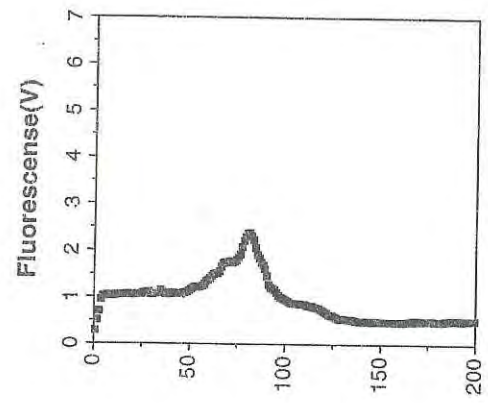


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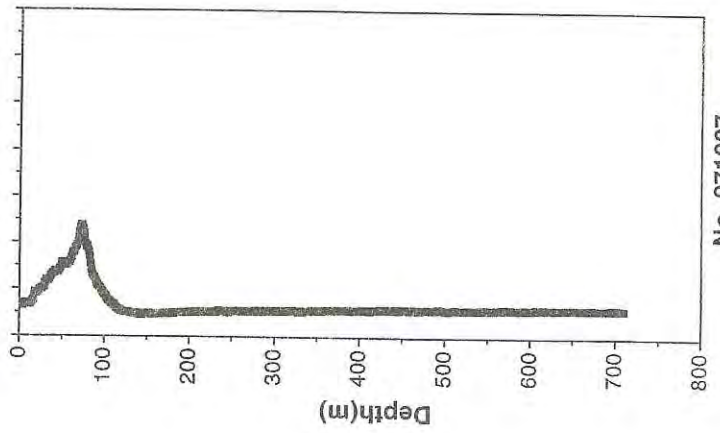
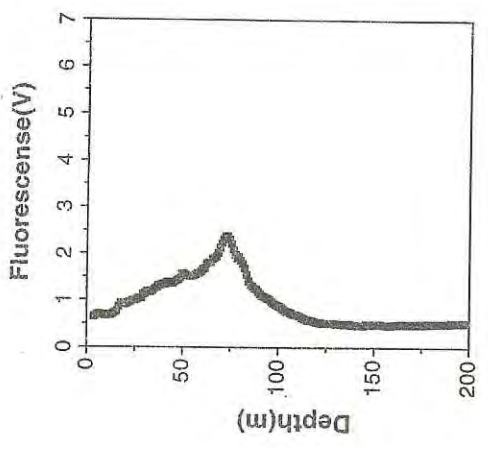


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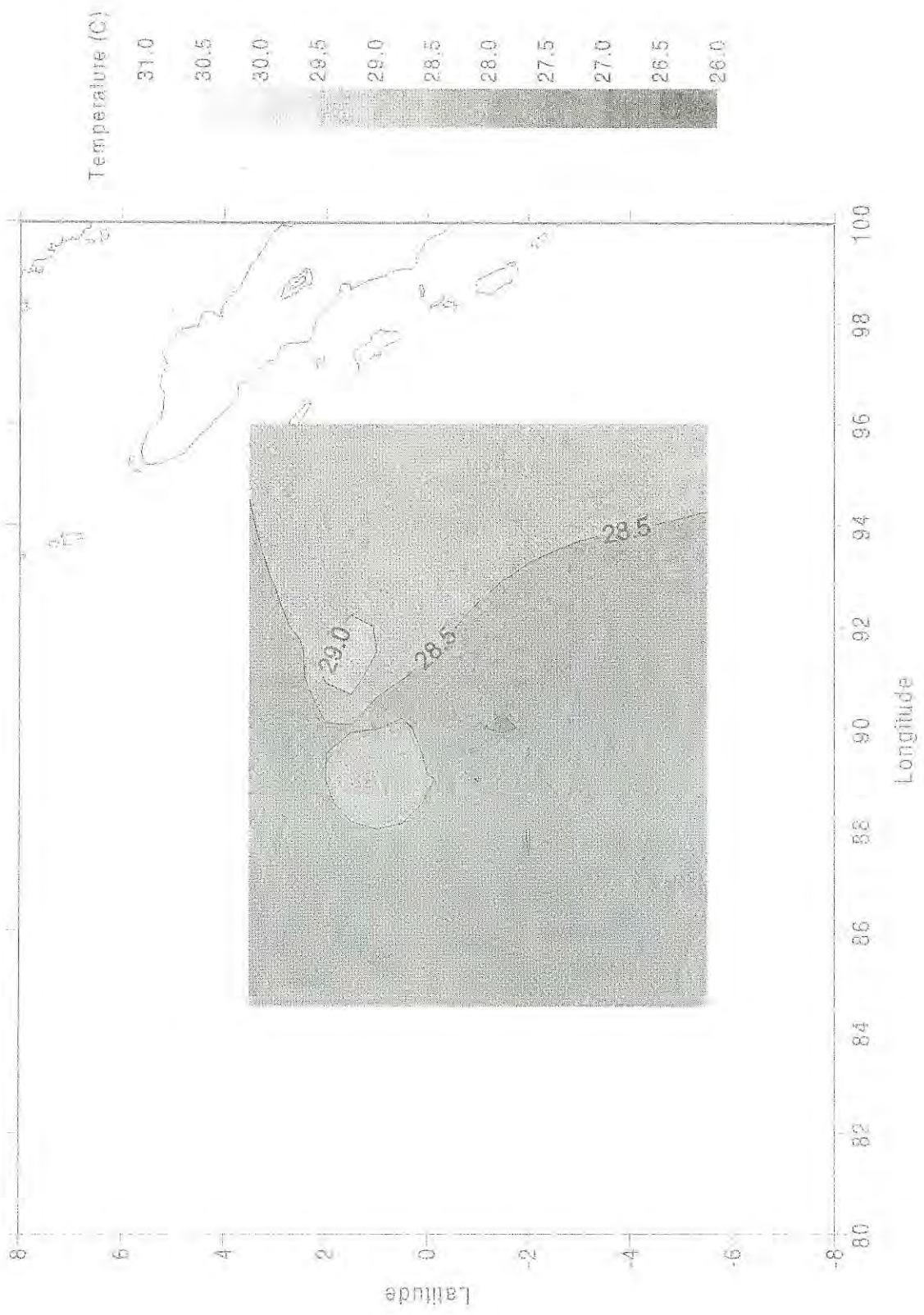


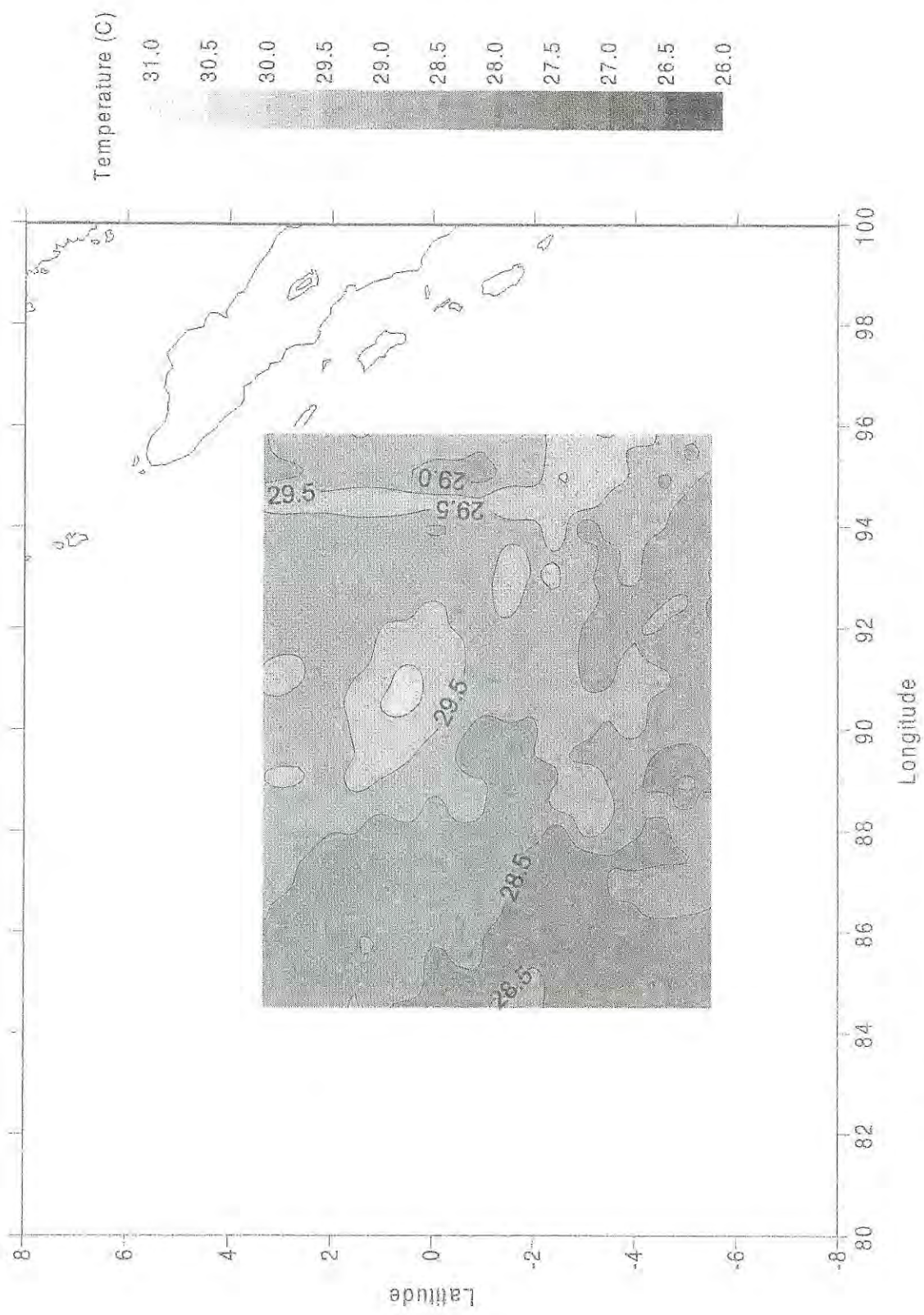


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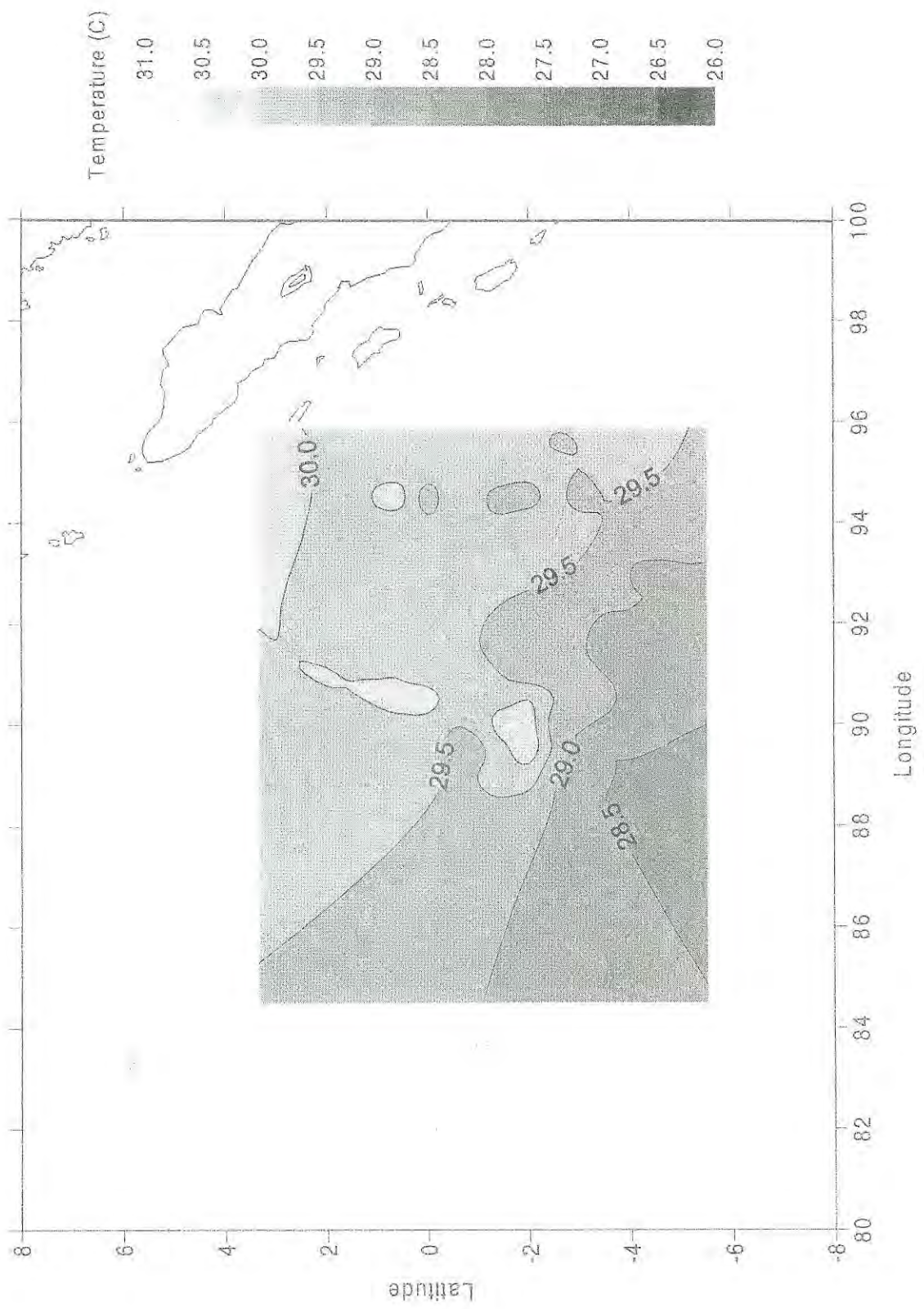


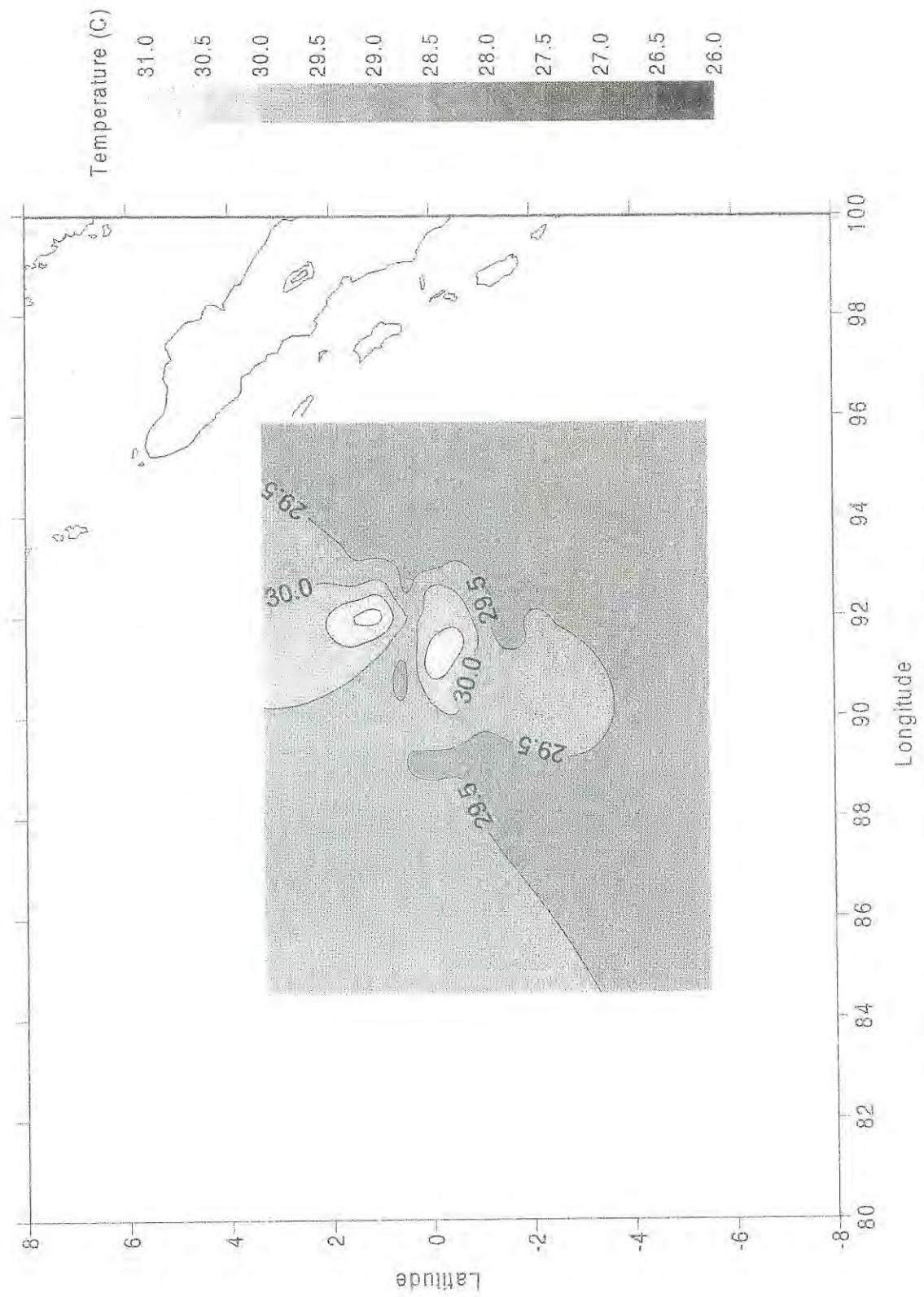
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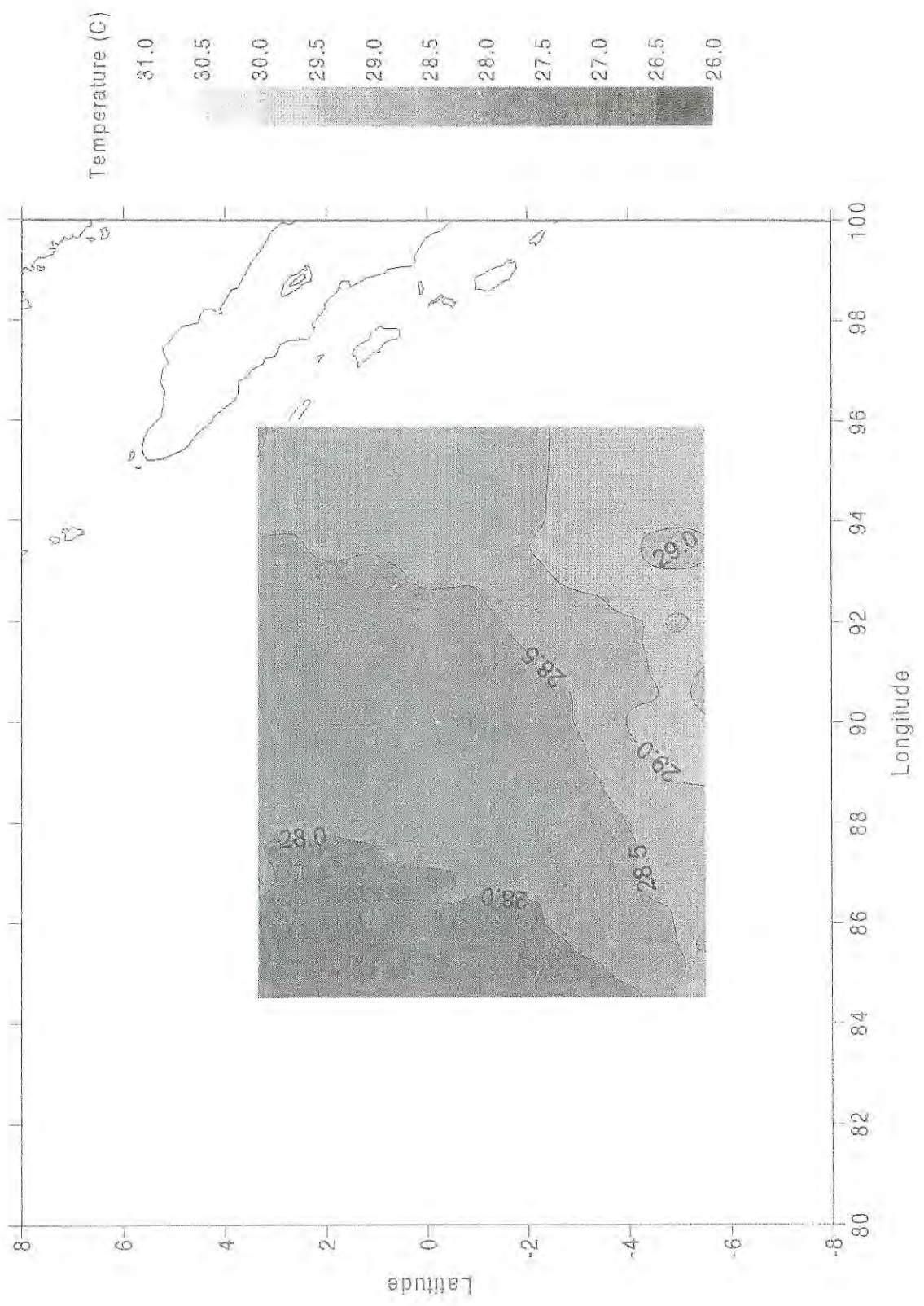


Sea Surface Temperature (deg.C) during November-December 1994

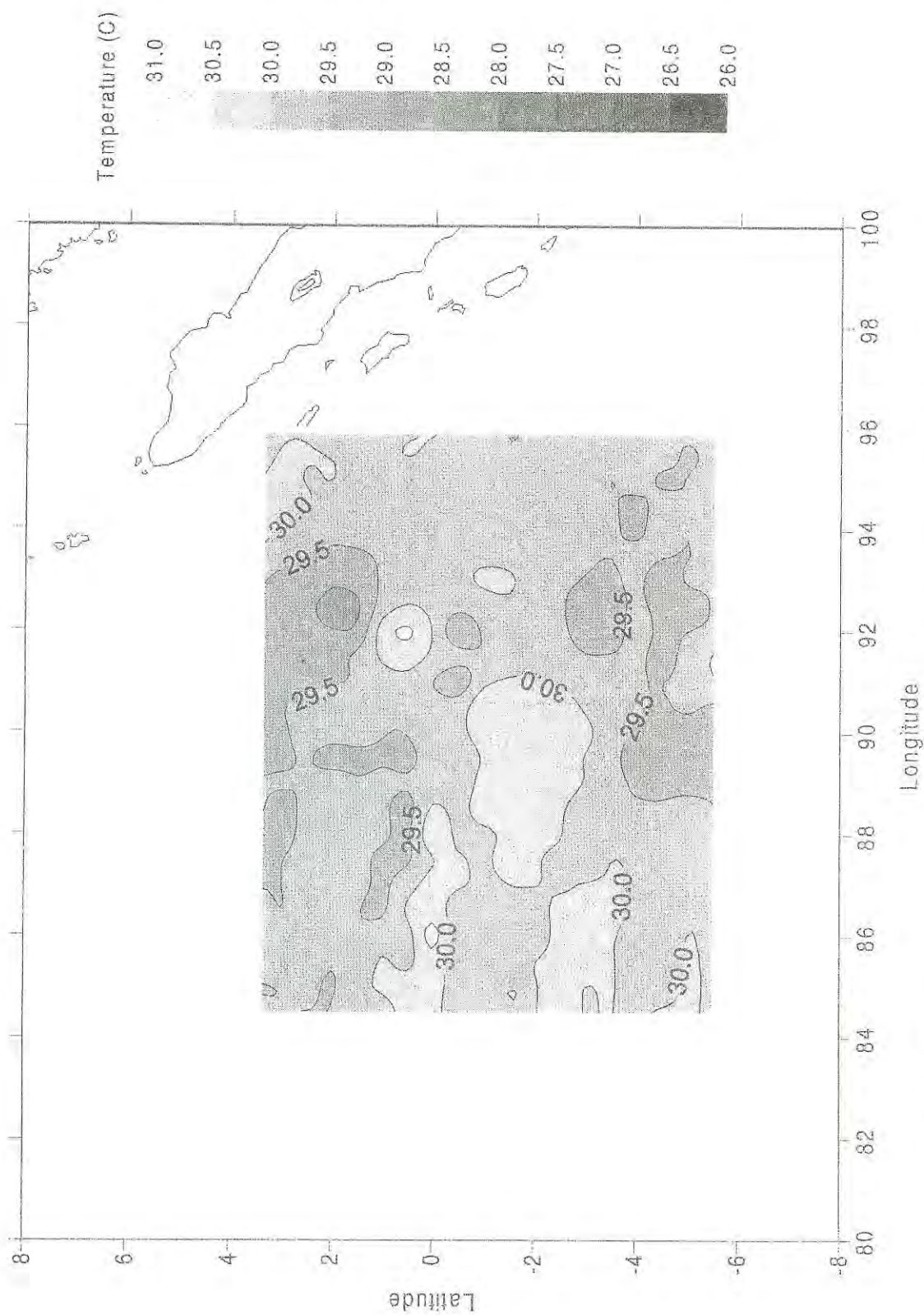




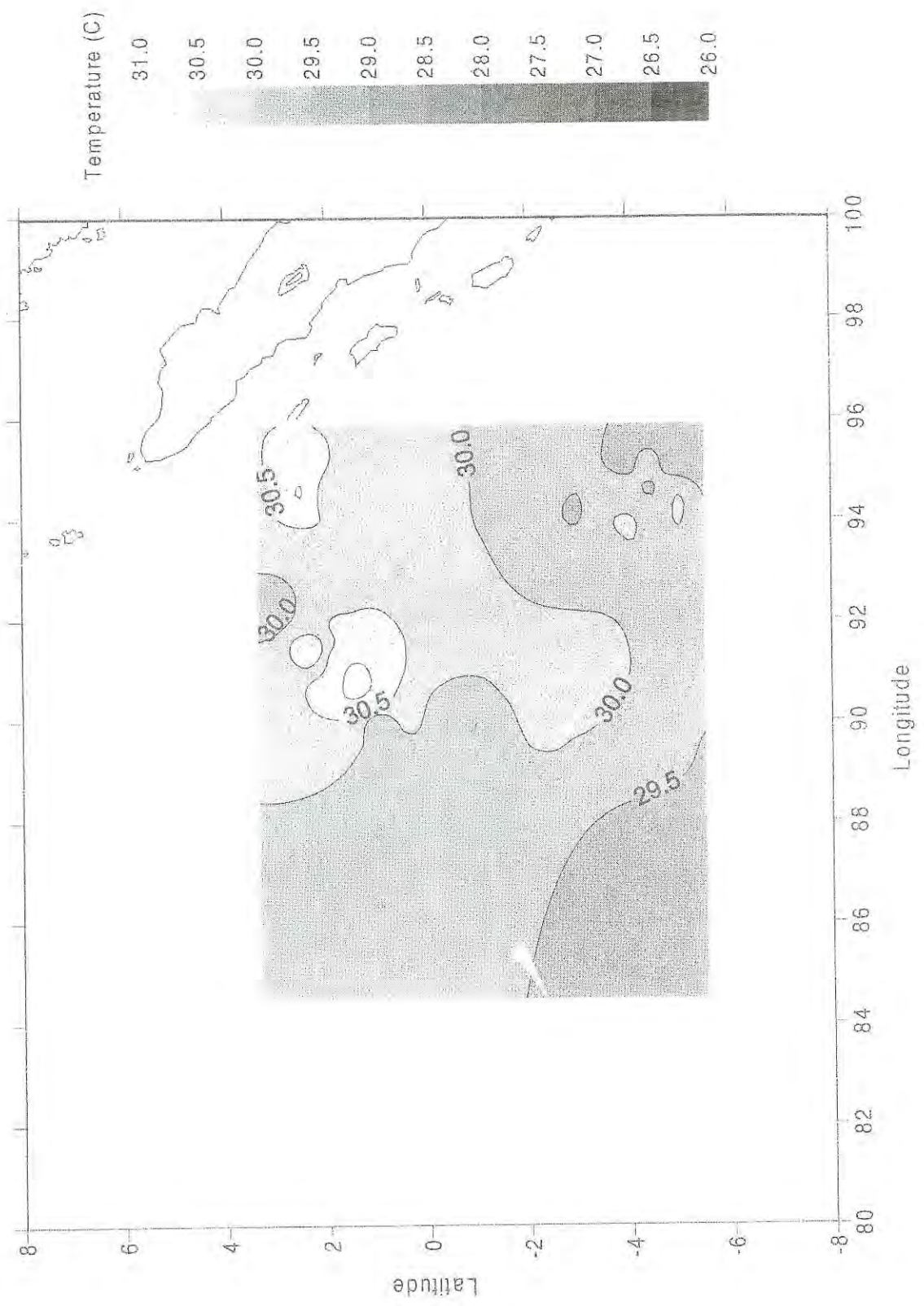
Sea Surface Temperature (deg.C) during March-April 1995

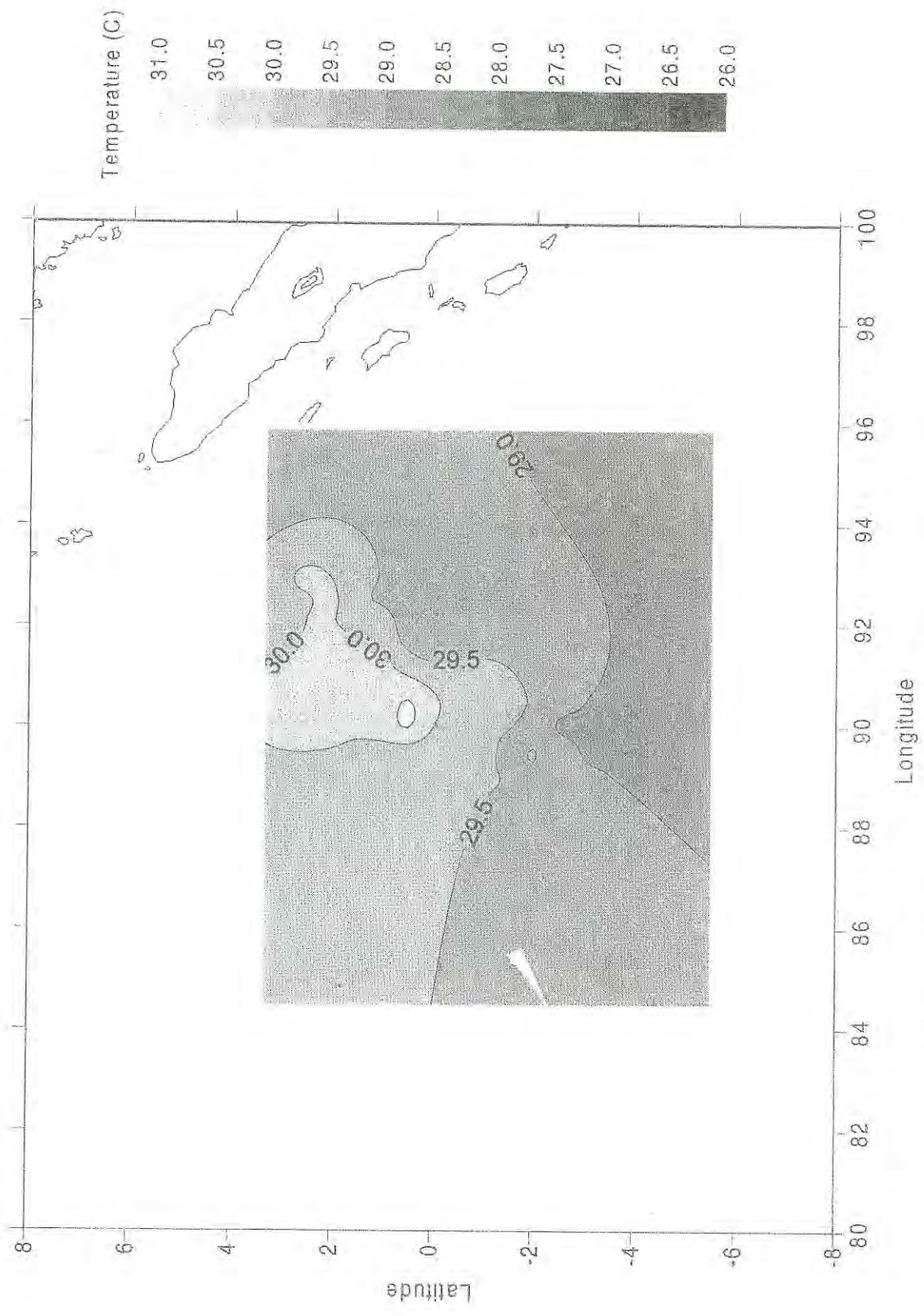






Sea Surface Temperature (deg.C) during February- March 1996





Sea Surface Temperature (deg.C) during April 1996

