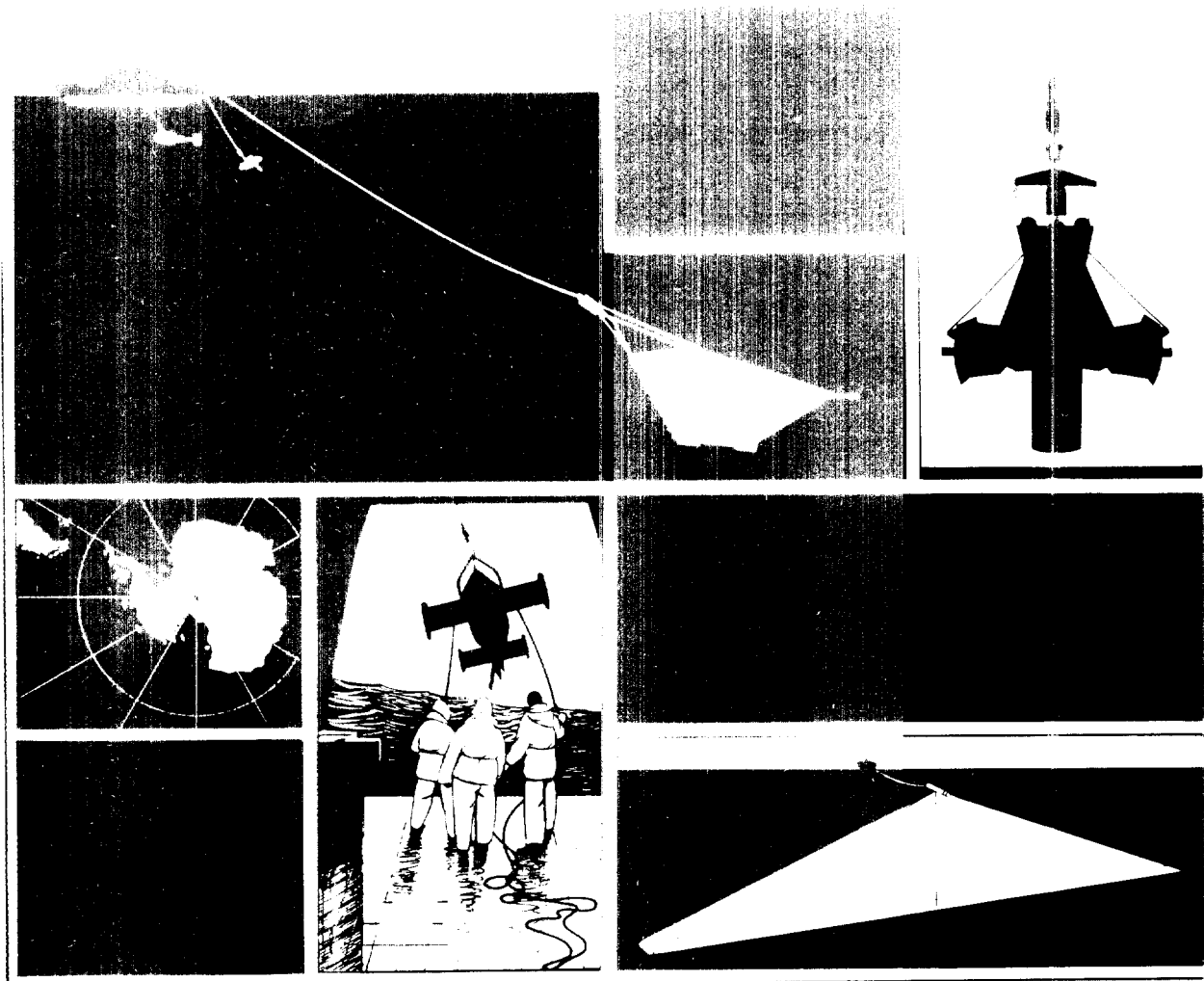




CTD and XBT data collected on ERS-1 validation cruise RRS *Charles Darwin* Cruise 62A, Iceland-Faeroes region

R T Tokmakian, A I Morrison, S G Alderson & M A Srokosz

Report No 294 1992



**INSTITUTE OF OCEANOGRAPHIC SCIENCES
DEACON LABORATORY**

**Wormley, Godalming,
Surrey, GU8 5UB, U.K.**

**Telephone: 0428 79 4141
Telex: 858833 OCEANS G
Telefax: 0428 79 3066**

Director: Dr. C.P. Summerhayes

Natural Environment Research Council

INSTITUTE OF OCEANOGRAPHIC SCIENCES

DEACON LABORATORY

REPORT NO. 294

CTD and XBT data collected on ERS-1 validation cruise
RRS *Charles Darwin* Cruise 62A, Iceland-Faeroes region

R T Tokmakian, A I Morrison, S G Alderson
& M A Srokosz

1992

DOCUMENT DATA SHEET

AUTHOR TOKMAKIAN, R T, MORRISON, A I, ALDERSON, S G & SROKOSZ, M A	PUBLICATION DATE 1992
TITLE CTD and XBT data collected on ERS-1 validation cruise RRS <i>Charles Darwin</i> Cruise 62A, Iceland-Faeroes region.	
REFERENCE Institute of Oceanographic Sciences Deacon Laboratory, Report, No. 294, 85pp.	
ABSTRACT <p>The objective of RRS <i>Charles Darwin</i> Cruise 62A, September 6 1991 to September 26 1991, was to evaluate the data from the sensors onboard the European Space Agency ERS-1 satellite against in situ measurements. This data report describes the hydrographic data set from CD62A collected in the region from 60° to 64° N and from 3° to 7° W. The region is to the north of the Faeroes. Two CTD and XBT surveys were conducted along two ERS-1 ground tracks, an ascending track and a descending track, forming a triangular survey region. The bottom corner of the survey is the point at which the two satellite tracks cross. XBT drops were conducted between the CTD stations.</p> <p>The data report describes the collection, calibration and processing of the CTD and XBT data. Temperature, conductivity, and pressure were measured for each CTD station. A total number of 27 profiles are presented in this report. Profile plots and listings are included for each CTD station. Both CTD and XBT contour plots are shown for each leg of the two surveys.</p>	
KEYWORDS ATLANTIC(NEN) XBT DATA ATLNEN *CHARLES DARWIN/RRS - cruise(1991)(62a) CTD OBSERVATIONS ERS-1 IN SITU MEASUREMENTS INTERCOMPARISON	
ISSUING ORGANISATION <p style="text-align: center;"> Institute of Oceanographic Sciences Deacon Laboratory Wormley, Godalming Surrey GU8 5UB. UK. </p> <p style="text-align: right;"> Telephone Wormley (0428) 684141 Telex 858833 OCEANS G. Facsimile (0428) 683066 </p> <p style="text-align: center;">Director: Colin Summerhayes DSc</p>	
Copies of this report are available from: The Library ,	
PRICE	£22.00

<u>CONTENTS</u>	page
INTRODUCTION	7
COLLECTION AND ANALYSIS OF SAMPLE DATA	9
Identification	9
Salinity	9
COLLECTION AND PROCESSING OF CTD DATA	10
Introduction	10
Pressure	10
Conductivity/Salinity	10
Temperature	11
Processing path for CTD data	11
COLLECTION AND PROCESSING OF XBT DATA	12
Introduction	12
XBT Processing	13
LISTINGS AND PLOTS OF CTD AND SAMPLE DATA	13
Listings and profile plots	13
Section plots	13
ACKNOWLEDGEMENTS	14
REFERENCES	14
TABLES	15
PROFILE PLOTS AND DATA LISTINGS	20
SECTION PLOTS	74

1. INTRODUCTION

The objective of RRS *Charles Darwin* Cruise 62A, September 6, 1991 to September 26, 1991, was to evaluate the data from the sensors onboard the European Space Agency ERS-1 satellite against *in situ* measurements. Part of the evaluation will include the comparison of the altimeter height data with geostrophic flow in a closed area. This data report describes the hydrographic data set from CD62A. Two CTD and XBT surveys were conducted along two ERS-1 ground tracks as shown in Figure 1, an ascending track and a descending track. The bottom corner of the survey is the point at which the two satellite tracks cross. The dots mark the CTD stations for the surveys. XBT drops were conducted between the CTD stations. It was planned to have both the surveys cover the same track. Due to rough weather, the second survey was modified slightly by skipping the top corner of the survey triangle, and sampling the stations in a different order on the right hand leg of the triangle. Table 1 lists the station numbers and their locations. Two additional stations were added to the second survey to sample the interior of the CTD triangle. There were a total of 27 stations. Station 1, a test dip, and station 10, a failure, are excluded from the data analyzed. Station 11 is a repeat of station 10.

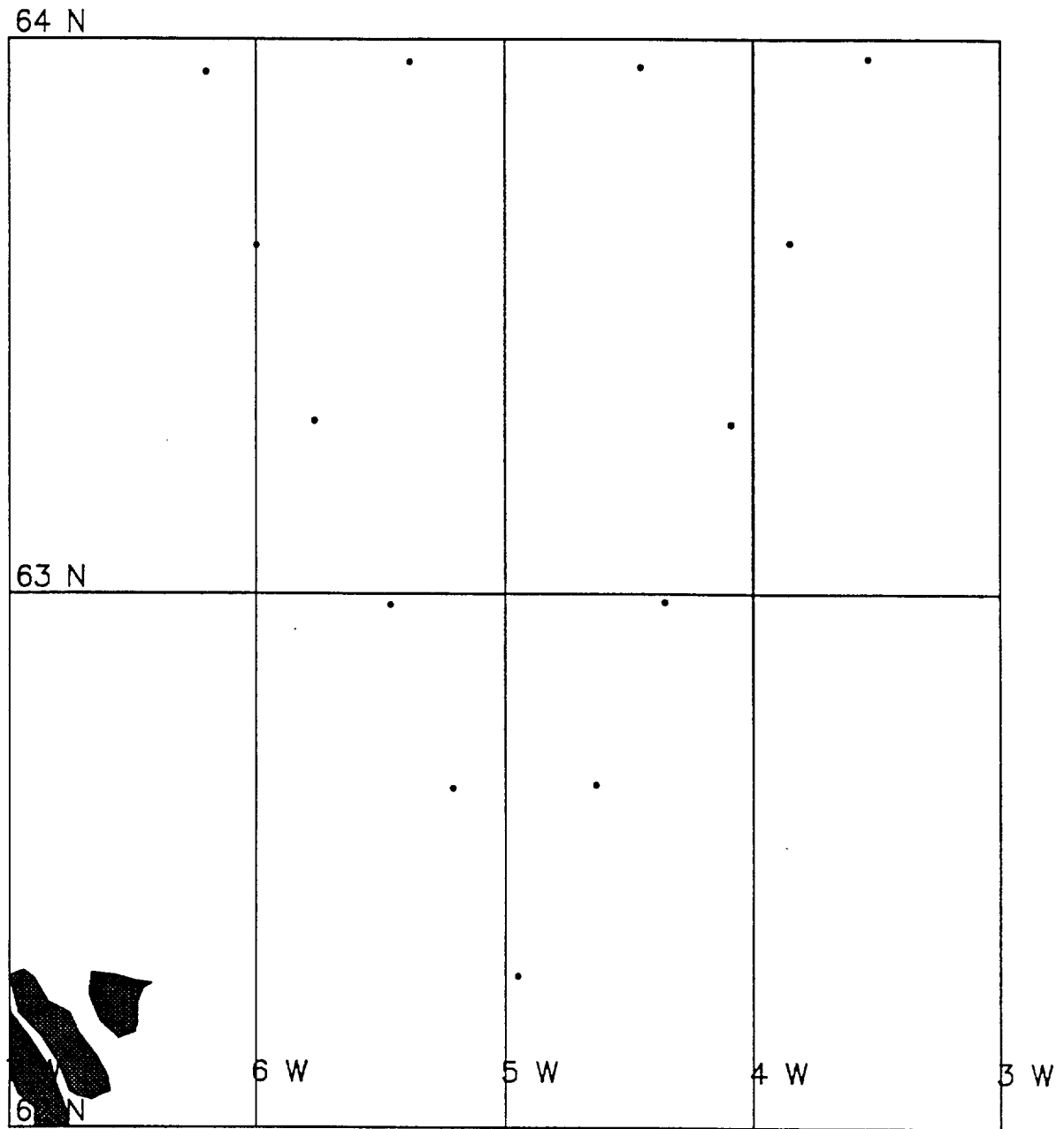


Fig. 1 Survey 1, Dots show the location of the CTD stations. The stations for survey 2 are similar.

2. COLLECTION AND ANALYSIS OF SAMPLE DATA

Identification

Sea water was collected in 1.75 litre Niskin bottles on a 12 bottle rosette mounted on the CTD frame. All twelve bottles were fired at most stations, except when in shallower water near the southern end of the survey triangle. Two bottles were fired at each selected depth, and two samples were taken from one of these; the water in the second bottle was only sampled when the other had not closed properly, or the taps were leaking. Each sample was uniquely labelled and was associated with a depth and CTD data, initially by firing position, which was checked by comparing its salinity with the CTD salinity.

Salinity

The salinity of each sea water sample was measured using a Guildline Autosal salinometer, model 8400, set to run at 24°C in a controlled temperature laboratory at 22°C. Standardisation with IAPSO standard sea water (batches P114 and P115) was carried out after every twelve analyses. The autosal remained fairly stable throughout the cruise. Just over 300 samples were analysed, consisting of 160 pairs of samples. A histogram of the differences between the two samples from the same position is shown in Figure 2, and indicates that they were generally in good agreement, with only about 5% of pairs differing by more than 0.002 in practical salinity units.

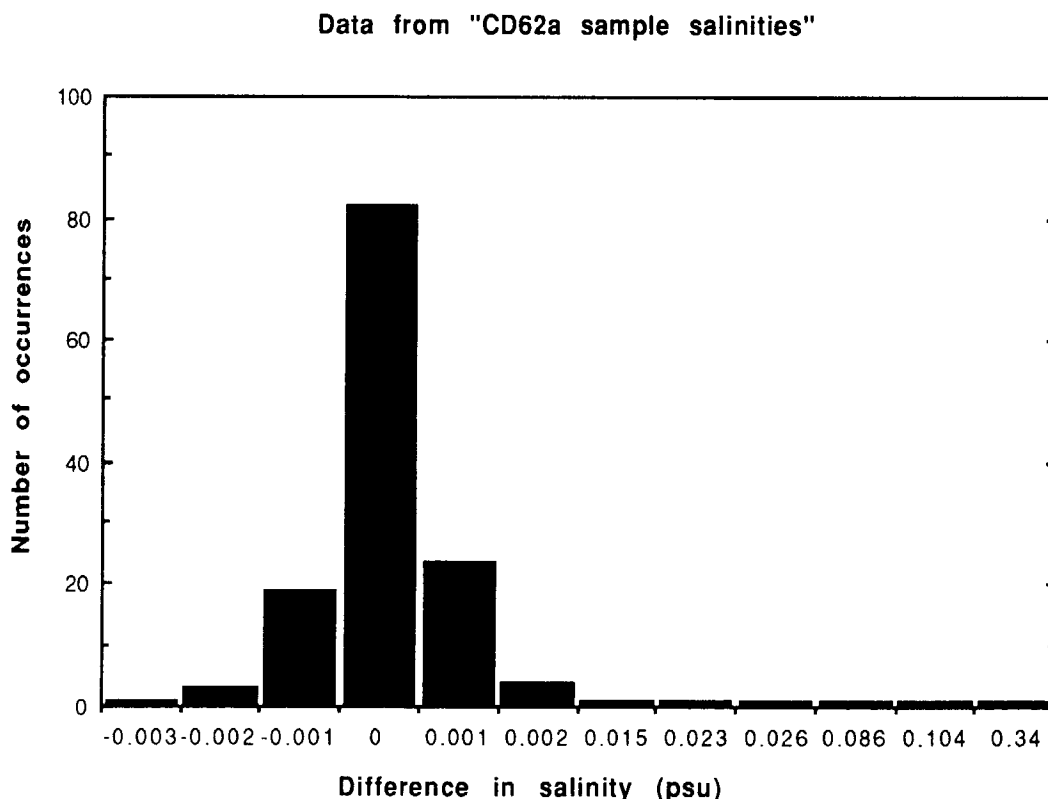


Fig. 2 Histogram showing the distribution of difference between the measured salinities of each sample of a pair from the same Niskin bottle.

3. COLLECTION AND PROCESSING OF CTD DATA

Introduction

A Neil Brown Mark III B CTD supplied by RVS made the CTD measurements on Cruise 62A. In addition, the CTD frame included an Aquatracker fluorometer, a SeaTech transmissometer with a path length of 25 cm and an IOS 10 kHz pinger. The initial set of calibration constants were supplied by RVS and were not complete. Half way through the cruise, after the first survey, RVS received another set of coefficients that were used for the calibration of the data. The data were sent from the CTD instrument to the RVS microcomputer (Level A) on board the ship, which calculated one-second averages and sent the data on to the RVS Sun computer system (Level B). This system archived the data, which were not removed from the SUN until the data had been transferred to a Pstar file. The transmissometer data, oxygen data and fluorometer data cannot be used because of problems with the calibration coefficients that were supplied by RVS.

Pressure

The pressure values were calibrated with the final set of coefficients supplied by RVS. The equation used was

$$P = 0.394 + 0.99986 * P_{raw} * 0.1.$$

No further pressure corrections were applied to the data.

Conductivity/Salinity

The initial correction to the conductivity values, using the RVS coefficients was

$$C = C_{raw} * 0.001 * (\text{conductivity ratio}) + 0.0,$$

where the conductivity ratio = 1.000.

The conductivity ratio was recomputed for each survey by comparing the conductivities computed from the bottle salinities and the average conductivity from the upcasts at the time the bottles were fired. For the first survey, the conductivity was recalculated as 1.001. The conductivity ratio for the second survey was more accurate, 1.0015. Thus, the two equations that corrected the conductivity were:

$$C = C_{raw} * 0.001 * (1.001) + 0.0, \text{ for the first survey,}$$

and

$$C = C_{raw} * 0.001 * (1.0015) + 0.0, \text{ for the second survey.}$$

The conductivities were recomputed for both the downcast and upcast data sets.

Salinities were adjusted by fitting the downcast salinity data to the bottle salinities in the form

$$S = S_{old} + DS,$$

where $DS = 0.001 * [a + b * \text{pressure} + c * \text{potential temperature}]$.

The salinities at the *downcast* locations which match closest the average pressure and potential temperature around the time each bottle was fired in the *upcast*, are compared to the bottle salinities. Coefficients, a, b, and c, are found and applied to the salinity values of the downcast for each cast. They are listed in Table 2, along with the final salinity corrections. Stations 11 and 16 give relatively high corrections compared to the rest of the stations. These stations are located at the bottom of the triangle in a very shallow (200 metres) shelf region. The mixed layer extends at least half the distance and it is difficult to calibrate upcast bottle salinities to downcast measurements in such a variable region.

Temperature

The temperature values were calibrated with the final set of coefficients supplied by RVS. The equation used was

$$T = 0.03176 + 0.999978 * T_{\text{raw}} * 0.0005.$$

No further temperature corrections were applied to the data.

Processing Path for CTD data

Following is the processing path used by the scientific staff on CD62A after the data have been stored on the RVS Sun system (Level B). This is the Level C processing.

1. Read raw CTD data using the script: `ctdexec0`.

The downcast and the upcast were extracted separately using the program "datapup" to read the data from the RVS system. The start and end times of the cast section were used to identify the section of data to be extracted from the raw files. Note: It is extremely helpful if the end time of the downcast overlaps with the start time of the upcast. The script creates a 'Pstar' file and adds in the required header information. The downcast file name is identified by an extension of ".down". The upcast file name does not contain an extension.

2. The initial calibration is performed using the script: `ctdexecl`.

Pressure, temperature, and conductivity were calibrated using the calibration coefficients supplied by RVS (program "ctdcal"). The coefficients are located in a file called "deepctd.cal". "ctdcal" computes two additional variables, salinity and potential temperature. (See *Culkin, F. and N. Smith, 1980* for the salinity calculation and *H. Bryden, 1973* for potential temperature calculation, and Pstar subroutines: "sal83" and "ptmp83"). The program "peos83" creates an additional variable, sigma 0.

3. The next step was to recompute the conductivity ratio using the bottle salinities (see section 2).

First the pressure, temperature, potential temperature, conductivity, and salinity values were extracted in the region around each of the bottle firings with the Pstar program "getcal". This

program creates a listing of the records around where the bottles were fired. We edited the list to eliminate the records that were obviously incorrect. These records can be recognized easily because they are not within an "eyeball" average of the rest of the data values. A routine, written on CD62A, "avepop", was then used to average the pressure, temperature, potential temperature, salinity, and conductivity, within each firing group. A conductivity value is computed for the bottle salinity using the routine, "pcond", with the average pressure and temperature for the time of the bottle firing as input. A conductivity ratio is computed (bottle conductivity divided by ctd conductivity) for all the bottle salinities. The average conductivity ratio from these ratios is found and placed in the "deepctd.cal" file. The script "ctdexec1" is then rerun on both the upcast and downcast data.

4. The salinities in the downcast finally need to be calibrated to the bottles salinities.

This is done by extracting, with "getcal" and "avepop", the average values around the upcast firings (see step 3), again, after the recalibration is performed. And then finding the corresponding downcast pressure and potential temperature using the program "pbotle". Next a Pstar file is created which contains the downcast pressure, downcast potential temperature, and downcast salinity, the bottle salinity, and the difference between the bottle salinity and the ctd measured salinity. Separately, for each station, the Pstar routine, "salcal" is run to compute salinity coefficients with a linear regression of the CTD pressure and potential temperature on the salinity difference corrections (bottle salinity - ctd salinity). The output coefficients are a,b, and c, such that

$$S = S_{old} + DS,$$

$$\text{where } DS = 0.001 * [-a + -b * \text{pressure} + -c * \text{potential temperature}]$$

5. The last step is to make the salinity corrections to the downcast using the script: "ctdexec4".

The coefficients, -a, -b, and -c. are supplied to "ctdexec4" and it recalculates the potential temperature and sigma 0 values and computes the dynamic heights relative to the surface.

Note: "salcal" gives the negative of the correction to be entered into the script "ctdexec4" for some unknown reason.

4. COLLECTION AND PROCESSING OF XBT DATA

Introduction

XBT data were collected between CTD casts on both CTD surveys. XBTs were dropped approximately every 10 km on the long legs of the triangular survey (three drops between CTD casts) and two between CTD casts on the top, short leg of the triangle. The higher sampling on the longer legs was used so that more data were available to resolve the structure of the ocean underneath the altimeter overpass. A time constraint limited the number of XBT drops on the second leg to one between every pair of CTD casts. Table 3 lists the XBT drops.

XBT Processing

XBT data were transferred from the IBM PS2 to the Sun system by floppy disk. The raw temperature data were then converted to a real temperature using an algorithm supplied by the Hydrographic Office. A depth field was created at the same time using a quadratic function of record number whose parameters depended on the XBT type (deep or shallow). Conversion to the RVS data format then involved the creation of a time variable incrementing from the start time in steps of 1 second. This start time was derived from the clock in the PS2. After conversion to Pstar format, the time variable in the file was corrected to be everywhere equal to the ships time noted at the start of each drop. The XBT file was then merged with the master navigation file to create a latitude and longitude variable which were constant for each drop. Each XBT was then plotted and edited. The latter involved the use of an interactive graphical editor to remove temperature spikes. Additionally, wherever the profile was observed to hit the bottom, subsequent records were removed from the file. The data from each side of the triangle were then combined to create a regular grid of points and contoured. The XBT profiles are not listed or plotted in the data report because of the large number of drops.

5. LISTINGS AND PLOTS OF CTD AND SAMPLE DATA

Listings and profile plots

The CTD data are listed for each CTD downcast. After the calibration of the data was completed, the downcasts were averaged every two decibars. For the lists provided with this data report, every 6th dbar value is given between 0 and 80 dbar, every 10th dbar value between 85 and 195 dbar, every 20th dbar value between 205 and 485 dbar, and for the mostly unchanging bottom layer below 505 dbar, every 100 dbar value is given. Values are given for temperature, potential temperature, salinity, sigma 0, and dynamic height referenced to the surface.

Each CTD downcast list is accompanied by a plot of the several parameters versus depth. We have chosen to plot salinity, potential temperature, and sigma 0. The crosses on the plots mark the values of the bottle salinities for that pressure taken on the upcast and used for calibration. On cast 14, two of the crosses do not match. These two points were not included in the calibration of the downcast data to the bottle salinities and were a result of the CTD misfiring.

Section plots

CTD and XBT section plots of each leg of the survey are also included in the data report. The data have been contoured by the Pstar routine "ucontr" to a depth of 500 metres., chosen because there is little change in the structure below 500 metres. Leg A, the northern most leg, is at the top of the triangle, leg B is the right leg or the leg running from the northeast to southwest, and leg C is on the left or the leg running from southeast to the northwest. The additional legs from the second survey are leg D, across the middle of the triangle; leg E, parallel and below leg D; and Leg F, perpendicular to Leg D and E. Figure 3 shows the relative location of the legs on the survey pattern.

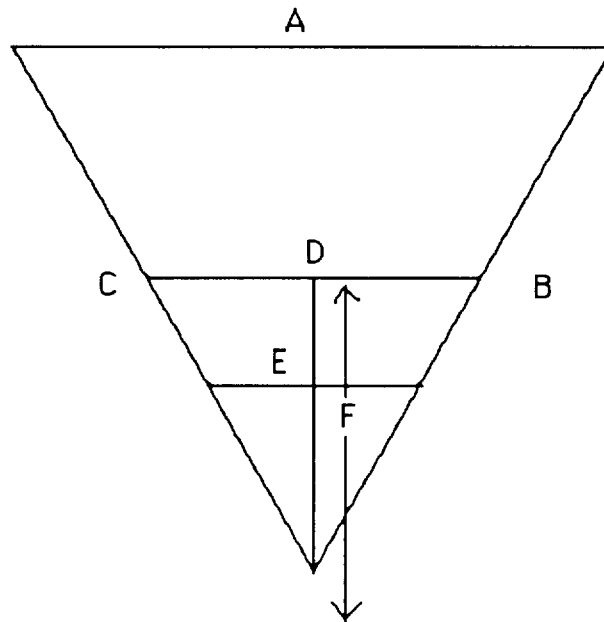


Fig. 3 Schematic showing the locations of the legs of the survey triangle.

6. ACKNOWLEDGEMENTS

We would like to thank the RVS personnel D. Lewis for manning the RVS computers and sorting out problems with logging the data, A. Jones, S. Jordon, and R. Phipps, and I. Waddington, of IOSDL, for handling the CTD drop operations and last, thanks to N. Crisp for his help in the collection of the sample data and teaching the rest of us how to use the salinometer.

7. REFERENCES

BRYDEN, H. 1973 Polynomial for the adiabatic lapse rate and Runge-Kutta 4th order integral algorithm,
Deep Sea Research, 20, 401-408

CULKIN, F. & SMITH N. 1980 Conductivity to salinity conversion,
IEEE Journal of Oceanic Engineering, 5, 22-23

TABLE 1 CTD CASTS ON CRUISE 62A

Cast no.	date		latitude		longitude		depth	closest	comment
	yymmdd	hhmmss	deg.	min.	deg.	min.	m	approach m	
01	910908	162339	62	19.20	4	55.26	260.00	20	trial dip
02	910912	073015	63	56.50	6	12.07	3400.00	50	
03	910912	122823	63	57.60	5	22.80	3372.00	80	
04	910912	175017	63	57.00	4	27.00	3206.00	40	
05	910912	224720	63	57.89	3	32.14	3055.00	40	
06	910913	032140	63	38.21	3	51.19	2738.00	60	
07	910913	073909	63	18.66	4	5.34	2661.00	130	
08	910913	120940	62	59.13	4	21.25	2190.00	50	
09	910913	160510	62	38.78	4	37.93	707.00	45	
10									failed
11	910913	200746	62	17.40	4	57.00	224.00	25	
12	910913	232321	62	38.40	5	12.60	578.00	25	
13	910914	025317	62	58.80	5	27.60	1812.00	50	
14	910914	070300	63	19.01	5	45.79	2211.00	25	
15	910914	110250	63	37.91	5	59.86	2141.00	45	
16	910919	121410	62	15.60	5	1.20	192.00	15	
17	910919	160350	62	39.00	5	12.60	585.00	25	
18	910919	195117	62	58.80	5	28.20	1754.00	45	
19	910920	004200	63	18.60	5	45.00	2175.00	30	
20	910920	051117	63	38.40	5	59.40	2162.00	55	
21	910920	143314	63	56.40	6	18.00	3194.00	25	
22	910920	195324	63	57.60	5	23.40	3371.00	25	
23	910921	065734	63	38.40	3	50.40	2737.00	20	
24	910922	000400	62	58.80	4	22.20	2176.00	50	
25	910922	061220	62	39.00	4	37.80	715.00	20	
26	910922	105500	62	17.40	4	55.80	225.00	20	
27	910923	031335	62	58.20	4	57.00	2010.00	45	
28	910923	070324	63	18.60	4	56.40	2368.00	30	
29	910923	111500	63	18.60	4	6.00	2695.80	35	

TABLE 2 - SALINITY CORRECTIONS

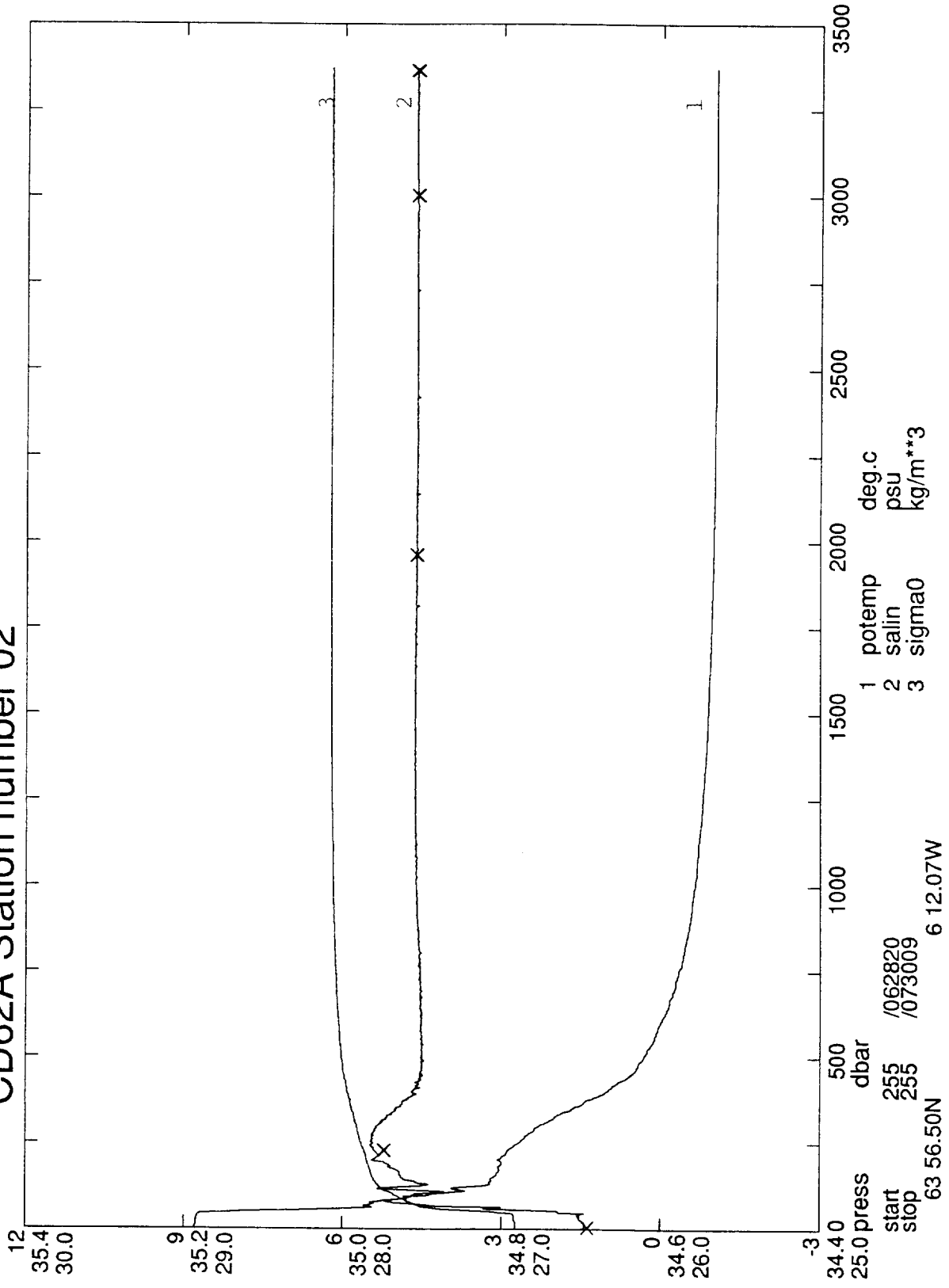
Station number	a	b	c	Min. ΔS	Max. ΔS
2	17.143	-0.000740	-0.954980	0.009	0.017
3	16.180	-0.000079	-0.961557	0.007	0.017
4	19.519	-0.001973	-1.653333	0.004	0.019
5	20.541	-0.002234	-2.479657	-0.004	0.020
6	37.861	-0.011697	-3.147097	0.006	0.031
7	18.313	-0.002446	-4.631194	-0.024	0.019
8	20.549	-0.001829	-1.258467	0.009	0.020
9	21.286	-0.005944	-1.178399	0.010	0.018
11	102.206	-0.121298	-8.587907	0.008	0.015
12	10.059	0.010112	-0.166630	0.008	0.016
13	17.889	0.000024	-1.129634	0.006	0.019
14	5.853	0.006639	0.290726	0.008	0.020
15	18.345	-0.000337	-0.809131	0.011	0.019
16	931.554	-0.896677	-90.091378	-0.074	0.002
17	-9.165	0.010820	-0.051268	-0.010	-0.003
18	3.374	-0.003185	-1.568287	-0.013	0.002
19	1.888	-0.004619	-4.540719	-0.040	-0.001
20	3.600	-0.003148	-1.509909	-0.009	0.002
21	1.291	-0.002459	-4.579787	-0.035	0.002
22	2.448	-0.001786	-2.029864	-0.015	0.002
23	2.262	-0.002326	-2.275775	-0.019	0.001
24	2.672	-0.002192	-1.127031	-0.001	0.002
25	-6.796	0.005566	-0.475215	-0.012	-0.003
26	3.742	-0.003192	-1.485637	-0.012	-0.009
27	-0.562	-0.001120	-1.144453	-0.011	-0.001
28	-0.702	-0.000095	-1.083661	-0.011	0.000
29	1.161	-0.001253	-1.247098	-0.010	0.001

TABLE 3 XBT DROPS ON CRUISE 62A

Drop no.	type	date		time		latitude		longitude		depth m	comment
		yyymmdd	hhmmss	deg.	min.	deg.	min.				
153	T5	910907	123300	58	38.97	-5	56.71		?1000.0?		
154	T5	910908	3600	60	28.40	-5	15.85		?2000.0?		
155	T7	910908	122600	62	17.85	-4	55.10		219.9		
156	T7	910909	4025	62	57.25	-5	25.78		?102.7?		
157	T7	910909	155900	63	56.31	-6	14.73		3239.6		
158	T7	910909	232912	63	48.14	-6	0.60		2687.3		
159	T7	910910	2043	63	40.14	-5	53.74		2333.5		
160	T7	910910	12230	63	30.01	-5	48.02		1869.8		
161	T7	910910	22005	63	21.35	-5	43.68		1915.4		
162	T7	910910	31345	63	13.91	-5	38.18		2090.5		
163	T7	910910	41506	63	4.52	-5	28.46		2059.3		
164	T7	910910	51014	62	55.26	-5	20.94		1480.9		
165	T7	910910	61336	62	45.04	-5	12.06		747.8		
166	T7	910910	70957	62	36.52	-5	5.41		554.9		
167	T7	910910	82459	62	25.80	-4	59.10		318.2		
168	T7	910910	123450	62	18.27	-4	55.00		?80.8?		test
169	T7	910910	123920	62	18.28	-4	55.00		243.2		test
170	T7	910910	124255	62	18.29	-4	55.01		242.0		test
171	T7	910910	124700	62	18.25	-4	54.97		241.4		test
172	T7	910910	133844	62	18.46	-4	54.96		246.9		test
173	T7	910910	134344	62	18.40	-4	54.91		246.2		test
174	T7	910911	173500	62	19.16	-4	55.36		254.6		
175	T5	910911	181000	62	19.13	-4	55.37		?0.0?		bad data
176	T5	910912	61316	63	57.46	-6	12.28		3100.0		
177	T5	910912	93126	63	57.72	-5	58.92		3419.4		
178	T5	910912	102111	63	57.68	-5	41.63		3606.0		
179	T5	910912	144600	63	57.61	-5	4.20		3429.6		
180	T5	910912	153400	63	57.47	-4	47.13		3019.2		bad data
181	T5	910912	195808	63	57.61	-4	8.54		3105.9		
182	T5	910912	204605	63	57.62	-3	50.71		3030.6		
183	T5	910913	5405	63	52.05	-3	36.87		2933.8		
184	T5	910913	12313	63	47.59	-3	41.07		2846.9		
185	T5	910913	15227	63	43.08	-3	45.26		2709.9		
186	T5	910913	45026	63	33.68	-3	54.67		2701.2		
187	T5	910913	55730	63	23.54	-4	1.74		2722.1		
188	T5	910913	92557	63	13.51	-4	10.22		2556.0		
189	T5	910913	100134	63	8.60	-4	14.09		2474.6		
190	T5	910913	103930	63	3.42	-4	17.95		2375.8		
191	T7	910913	134915	62	53.96	-4	25.77		1459.2		
192	T7	910913	142819	62	48.48	-4	29.55		1091.0		

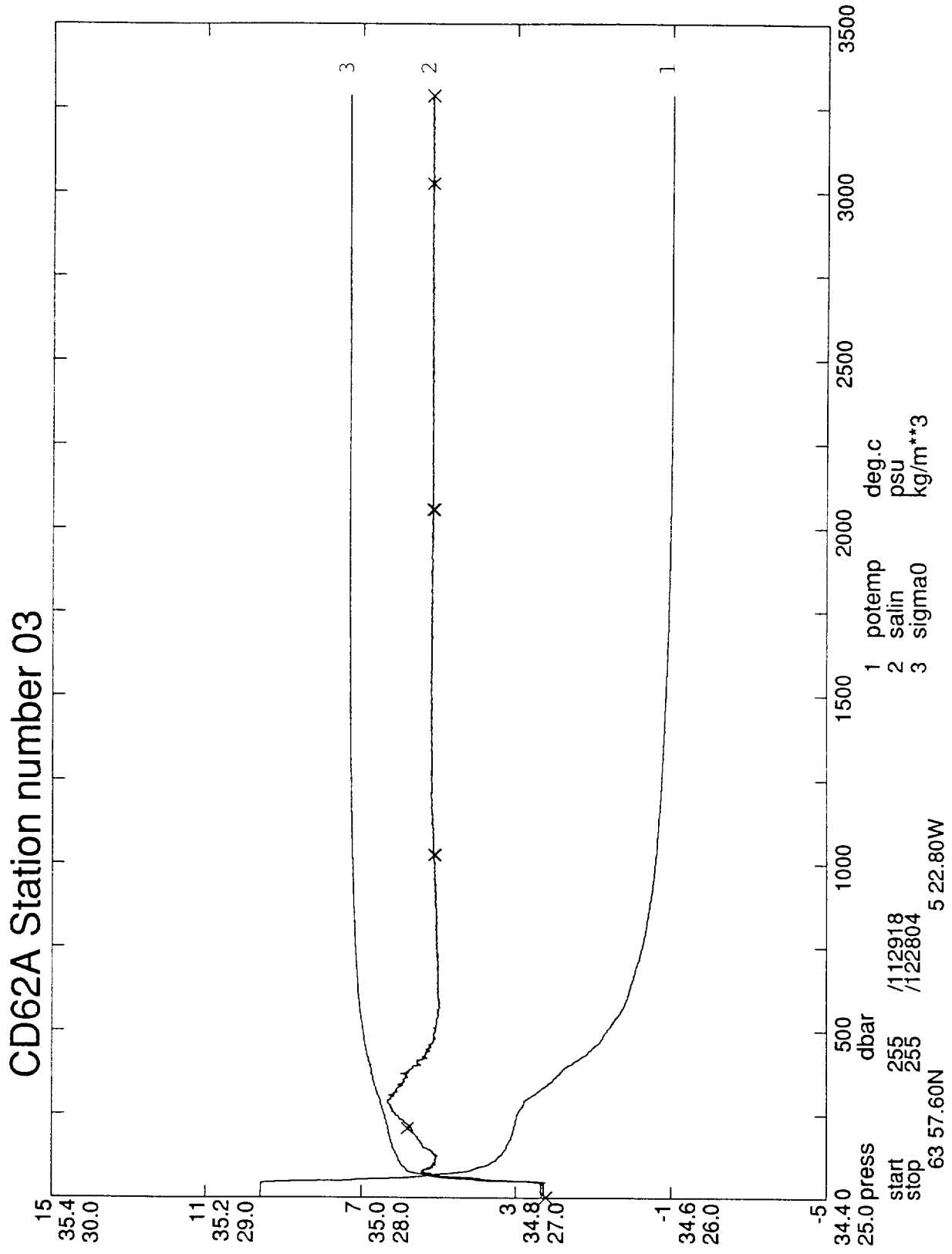
193	T7	910913	150248	62	43.78	-4	33.02	845.5	
194	T7	910913	170601	62	33.55	-4	42.11	562.0	
195	T7	910913	173844	62	28.71	-4	46.77	439.9	
196	T7	910913	181153	62	23.55	-4	51.36	330.2	
197	T7	910913	185805	62	18.56	-4	55.42	242.7	
198	T7	910913	211422	62	23.89	-5	0.16	253.7	
199	T7	910913	212000	62	24.76	-5	0.59	257.5	
200	T7	910913	214600	62	28.50	-5	4.04	323.4	
201	T7	910913	222200	62	33.85	-5	8.42	457.2	
202	T7	910914	2545	62	43.79	-5	16.71	662.6	
203	T7	910914	3255	62	44.94	-5	17.53	690.9	bad data
204	T7	910914	5725	62	48.82	-5	20.24	820.1	bad data
205	T7	910914	13600	62	55.02	-5	23.89	1418.7	
206	T5	910914	42816	63	3.63	-5	32.59	1850.0	
207	T5	910914	50235	63	8.55	-5	36.75	1900.0	
208	T5	910914	53627	63	13.51	-5	41.04	2100.0	
209	T5	910914	82250	63	23.53	-5	49.55	1790.1	
210	T5	910914	92714	63	33.39	-5	57.39	1935.8	good<300
211	T5	910914	123420	63	43.38	-6	5.54	2291.9	
212	T5	910914	130900	63	48.40	-6	9.63	3100.0	
213	T5	910914	143700	63	55.85	-6	18.34	3200.0	
214	T7	910919	141424	62	28.61	-5	4.16	2572.57	
215	T5	910919	174903	62	49.19	-5	19.20	859.5	
216	T5	910919	224040	63	9.39	-5	37.96	2109.0	
217	T5	910920	25335	63	27.46	-5	53.16	1771.2	
218	T5	910920	73140	63	48.57	-6	7.62	2649.0	
219	T5	910920	131900	63	56.80	-6	17.77	3142.1	
220	T5	910920	171800	63	58.40	-5	49.98	3448.2	
221	T5	910920	230636	63	58.02	-4	53.06	3115.1	
222	T5	910921	4843	63	57.23	-4	26.60	3152.3	
223	T5	910921	5122	63	57.10	-4	26.65	3145.8	
224	T5	910921	175436	63	13.53	-3	57.62	2516.8	
225	T5	910921	213640	63	3.46	-4	8.96	2383.2	
226	T5	910922	339	62	58.56	-4	21.83	1100.0	
227	T7	910922	84453	62	29.59	-4	45.61	465.8	
228	T7	910922	112215	62	16.84	-4	55.07	222.8	
229	T7	910923	3333	62	38.96	-4	55.64	658.7	
230	T5	910923	50900	63	8.14	-4	58.43	2305.5	
231	T5	910923	90100	63	18.77	-4	32.63	2465.6	
232	T5	910923	132012	63	8.24	-4	14.20	2468.0	
233	T5	910923	142418	62	58.24	-4	21.19	2086.7	
234	T7	910923	163628	62	38.16	-4	37.53	681.9	
235	T7	910923	183848	62	20.08	-4	53.63	259.1	bad data

CD62A Station number 02



CD 62A Station number 02

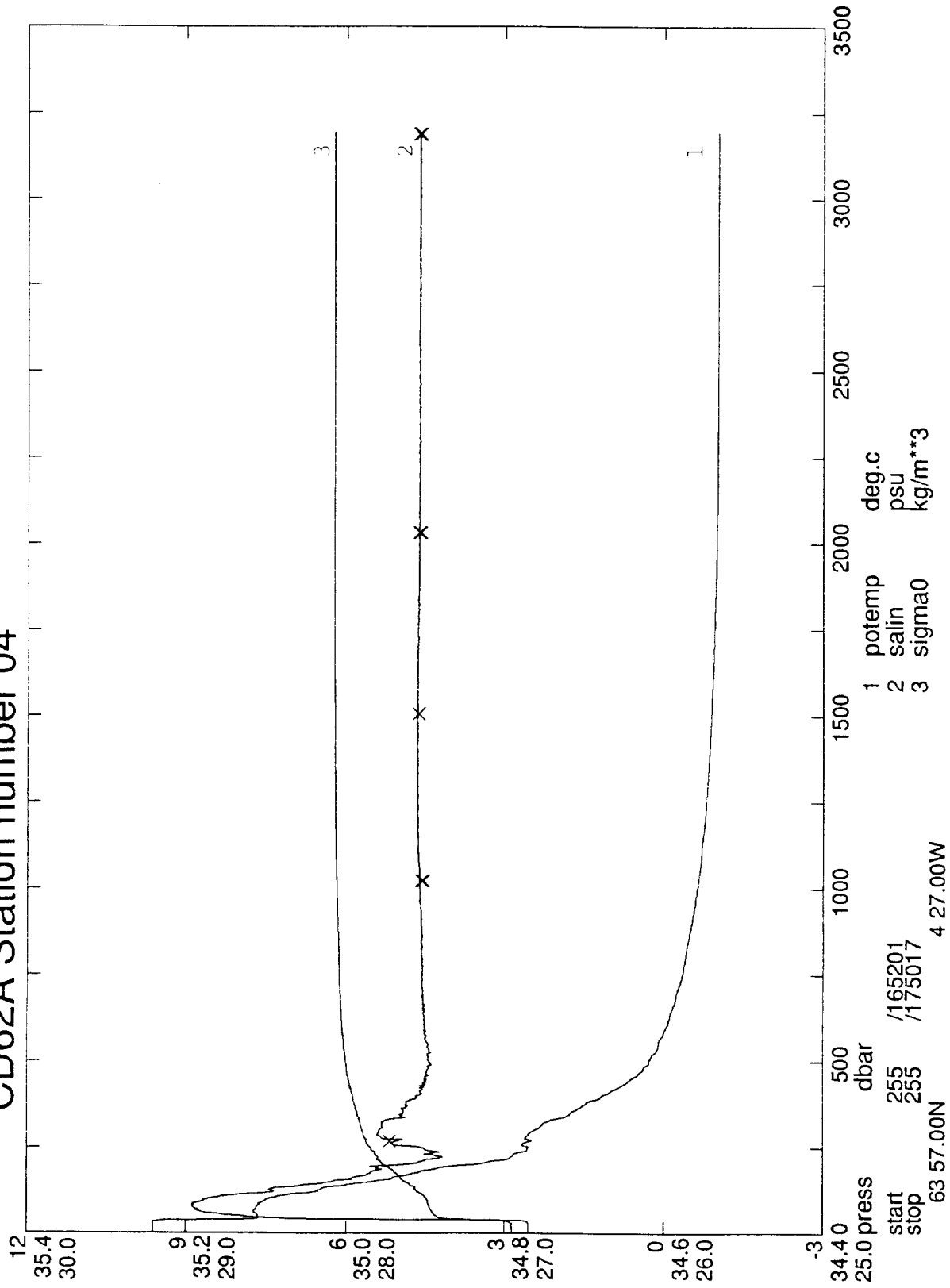
Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m ³	dynht dyn m
1	8.8022	34.7002	8.8021	26.9149	0.0020
7	8.8003	34.6951	8.7996	26.9113	0.0075
13	8.7813	34.6955	8.7799	26.9147	0.0150
19	8.7822	34.6951	8.7802	26.9143	0.0218
25	8.7745	34.6989	8.7718	26.9186	0.0288
31	8.7654	34.7017	8.7622	26.9224	0.0350
37	8.7544	34.7042	8.7505	26.9262	0.0425
43	8.7163	34.7045	8.7118	26.9325	0.0491
49	8.0424	34.7284	8.0375	27.0549	0.0495
55	6.6552	34.7728	6.6503	27.2877	0.0549
61	5.7235	34.8162	5.7185	27.4430	0.0592
67	5.6040	34.8942	5.5985	27.5196	0.0625
73	5.4623	34.9113	5.4564	27.5506	0.0658
85	5.1769	34.9415	5.1702	27.6089	0.0716
95	4.6801	34.9231	4.6730	27.6518	0.0766
105	4.1317	34.8888	4.1243	27.6846	0.0808
115	3.8411	34.9183	3.8332	27.7385	0.0846
125	3.4261	34.9025	3.4179	27.7676	0.0881
135	3.2434	34.9072	3.2348	27.7890	0.0912
145	3.2276	34.9233	3.2184	27.8034	0.0943
155	3.1227	34.9268	3.1130	27.8161	0.0971
165	3.0750	34.9276	3.0647	27.8213	0.0999
175	3.0667	34.9355	3.0558	27.8285	0.1028
185	3.0360	34.9415	3.0244	27.8362	0.1055
195	3.0285	34.9482	3.0163	27.8423	0.1081
205	3.0282	34.9585	3.0154	27.8506	0.1109
225	2.9052	34.9596	2.8913	27.8629	0.1159
245	2.7449	34.9642	2.7301	27.8812	0.1208
265	2.5811	34.9639	2.5654	27.8955	0.1252
285	2.4074	34.9602	2.3907	27.9075	0.1295
305	2.2128	34.9518	2.1955	27.9172	0.1335
325	1.9937	34.9448	1.9758	27.9295	0.1374
345	1.7048	34.9343	1.6866	27.9435	0.1409
365	1.4658	34.9253	1.4471	27.9542	0.1443
385	1.2161	34.9144	1.1972	27.9633	0.1474
405	0.9988	34.9096	0.9795	27.9742	0.1502
425	0.8271	34.9090	0.8074	27.9851	0.1529
445	0.6099	34.8990	0.5900	27.9907	0.1553
465	0.4812	34.9005	0.4608	27.9998	0.1575
485	0.4273	34.9017	0.4062	28.0040	0.1596
505	0.3259	34.9001	0.3042	28.0087	0.1616
605	0.0133	34.9021	-0.0117	28.0279	0.1701
705	-0.2405	34.9020	-0.2687	28.0411	0.1767
805	-0.4038	34.9032	-0.4356	28.0503	0.1818
905	-0.5223	34.9062	-0.5581	28.0584	0.1857
1005	-0.6034	34.9080	-0.6433	28.0638	0.1885
1105	-0.6566	34.9090	-0.7010	28.0672	0.1907
1205	-0.7210	34.9093	-0.7699	28.0704	0.1922
1305	-0.7587	34.9090	-0.8124	28.0720	0.1931
1405	-0.7957	34.9089	-0.8544	28.0737	0.1935
1505	-0.8195	34.9095	-0.8834	28.0754	0.1934
1605	-0.8372	34.9089	-0.9066	28.0759	0.1930
1705	-0.8592	34.9089	-0.9341	28.0770	0.1922
1805	-0.8731	34.9085	-0.9537	28.0775	0.1911
1905	-0.8848	34.9088	-0.9714	28.0784	0.1896
2005	-0.8912	34.9076	-0.9840	28.0780	0.1879
2105	-0.8952	34.9078	-0.9945	28.0786	0.1858
2205	-0.8982	34.9073	-1.0040	28.0786	0.1836
2305	-0.8943	34.9078	-1.0070	28.0791	0.1811
2405	-0.8888	34.9079	-1.0085	28.0792	0.1784
2505	-0.8823	34.9077	-1.0092	28.0791	0.1756
2605	-0.8757	34.9074	-1.0101	28.0788	0.1727
2705	-0.8696	34.9084	-1.0116	28.0797	0.1695
2805	-0.8621	34.9082	-1.0118	28.0796	0.1662
2905	-0.8541	34.9078	-1.0118	28.0792	0.1628
3005	-0.8458	34.9079	-1.0116	28.0793	0.1593
3105	-0.8387	34.9090	-1.0128	28.0803	0.1556
3205	-0.8301	34.9091	-1.0127	28.0804	0.1517
3305	-0.8212	34.9091	-1.0125	28.0803	0.1478



CD 62A Station number 03

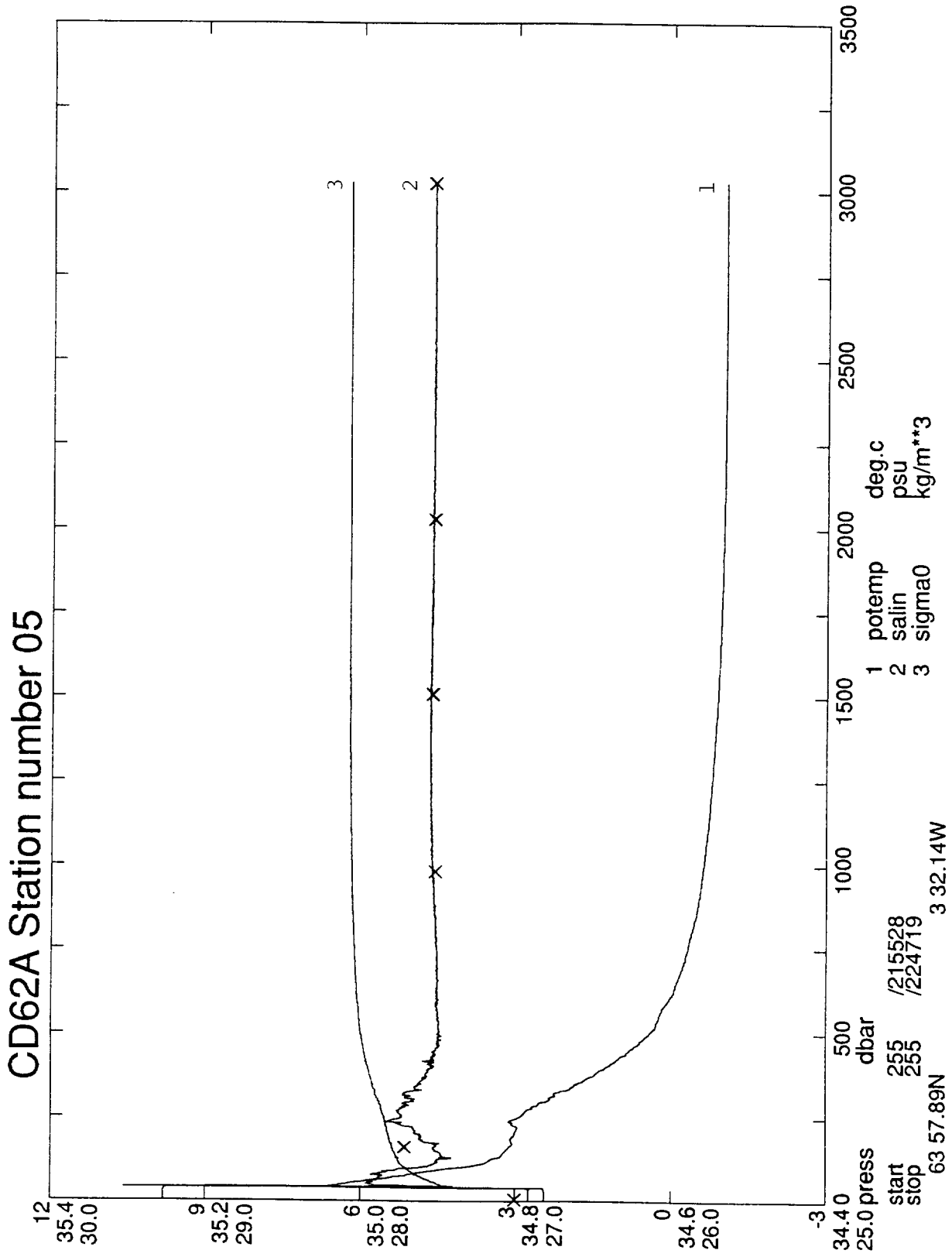
Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kgm ⁻³	dynht dyn m
3	9.5876	34.7627	9.5872	26.8363	0.0036
9	9.5936	34.7637	9.5926	26.8361	0.0098
15	9.5894	34.7641	9.5877	26.8373	0.0170
21	9.5888	34.7643	9.5865	26.8377	0.0241
27	9.5894	34.7641	9.5864	26.8376	0.0316
33	9.5880	34.7645	9.5843	26.8382	0.0391
39	9.5848	34.7647	9.5805	26.8390	0.0460
45	9.5723	34.7650	9.5673	26.8414	0.0533
51	7.6462	34.7883	7.6412	27.1606	0.0601
57	6.5562	34.8463	6.5511	27.3569	0.0651
63	5.5479	34.8930	5.5428	27.5255	0.0684
69	5.1209	34.9075	5.1155	27.5884	0.0719
75	4.5679	34.9217	4.5624	27.6631	0.0744
85	4.1003	34.9193	4.0944	27.7121	0.0787
95	3.7869	34.9080	3.7804	27.7358	0.0824
105	3.6491	34.9056	3.6421	27.7479	0.0860
115	3.5137	34.9046	3.5061	27.7605	0.0893
125	3.4338	34.9013	3.4256	27.7658	0.0928
135	3.3449	34.9071	3.3362	27.7792	0.0959
145	3.2788	34.9134	3.2695	27.7907	0.0992
155	3.2571	34.9205	3.2472	27.7984	0.1021
165	3.2008	34.9228	3.1903	27.8057	0.1053
175	3.1486	34.9268	3.1376	27.8139	0.1080
185	3.1215	34.9297	3.1098	27.8188	0.1111
195	3.0966	34.9338	3.0844	27.8244	0.1138
205	3.0709	34.9351	3.0580	27.8280	0.1168
225	3.0248	34.9433	3.0107	27.8389	0.1222
245	2.9999	34.9527	2.9845	27.8488	0.1275
265	2.8983	34.9611	2.8819	27.8650	0.1328
285	2.8133	34.9661	2.7958	27.8767	0.1376
305	2.6039	34.9605	2.5856	27.8910	0.1422
325	2.3611	34.9542	2.3422	27.9069	0.1465
345	2.1356	34.9457	2.1161	27.9188	0.1506
365	1.9671	34.9412	1.9469	27.9289	0.1545
385	1.7828	34.9353	1.7620	27.9386	0.1580
405	1.5283	34.9270	1.5072	27.9511	0.1615
425	1.2448	34.9166	1.2236	27.9632	0.1647
445	1.0737	34.9135	1.0521	27.9725	0.1675
465	0.8645	34.9077	0.8427	27.9818	0.1702
485	0.7643	34.9064	0.7418	27.9872	0.1727
505	0.6460	34.9037	0.6230	27.9925	0.1751
605	0.1303	34.9007	0.1048	28.0205	0.1849
705	-0.1260	34.9009	-0.1549	28.0345	0.1924
805	-0.3296	34.9039	-0.3620	28.0473	0.1981
905	-0.4588	34.9045	-0.4950	28.0541	0.2026
1005	-0.5596	34.9057	-0.5999	28.0600	0.2060
1105	-0.6249	34.9078	-0.6696	28.0648	0.2084
1205	-0.6852	34.9100	-0.7345	28.0695	0.2102
1305	-0.7273	34.9096	-0.7814	28.0712	0.2113
1405	-0.7662	34.9091	-0.8252	28.0727	0.2119
1505	-0.7991	34.9104	-0.8633	28.0753	0.2120
1605	-0.8282	34.9094	-0.8977	28.0760	0.2116
1705	-0.8517	34.9093	-0.9267	28.0771	0.2109
1805	-0.8680	34.9092	-0.9487	28.0779	0.2097
1905	-0.8812	34.9084	-0.9679	28.0780	0.2083
2005	-0.8907	34.9088	-0.9835	28.0790	0.2065
2105	-0.8949	34.9083	-0.9941	28.0789	0.2044
2205	-0.8978	34.9084	-1.0036	28.0795	0.2021
2305	-0.8959	34.9085	-1.0086	28.0797	0.1995
2405	-0.8899	34.9084	-1.0096	28.0797	0.1968
2505	-0.8827	34.9086	-1.0097	28.0798	0.1939
2605	-0.8763	34.9086	-1.0107	28.0798	0.1908
2705	-0.8699	34.9089	-1.0118	28.0801	0.1876
2805	-0.8631	34.9100	-1.0128	28.0811	0.1842
2905	-0.8547	34.9093	-1.0124	28.0805	0.1806
3005	-0.8467	34.9095	-1.0126	28.0807	0.1770
3105	-0.8384	34.9096	-1.0125	28.0807	0.1732
3205	-0.8294	34.9099	-1.0120	28.0810	0.1694

CD62A Station number 04



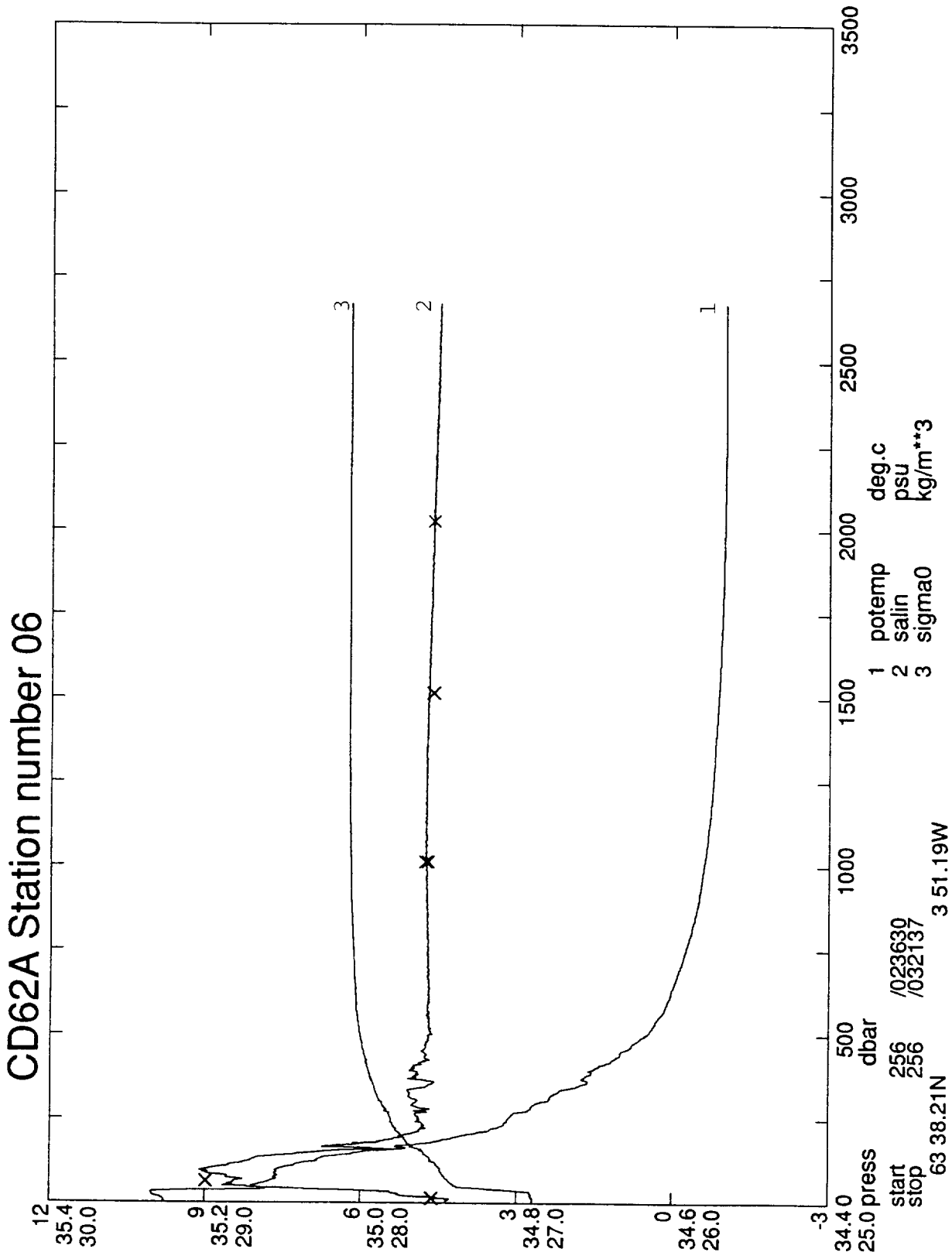
CD 62A Station number 04

Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m ³	dynht dyn m
1	9.6169	34.7926	9.6167	26.8548	0.0019
7	9.6238	34.7904	9.6231	26.8520	0.0083
13	9.6261	34.7904	9.6246	26.8517	0.0157
19	9.6306	34.7913	9.6285	26.8518	0.0223
25	9.6317	34.7916	9.6289	26.8520	0.0293
31	9.6316	34.7935	9.6281	26.8536	0.0371
37	9.4098	34.8077	9.4057	26.9015	0.0439
43	7.6445	35.0916	7.6403	27.3993	0.0491
49	7.6578	35.1295	7.6530	27.4273	0.0533
55	7.6750	35.1584	7.6696	27.4475	0.0570
61	7.7398	35.1810	7.7338	27.4559	0.0608
67	7.7196	35.1876	7.7130	27.4641	0.0645
73	7.6900	35.1903	7.6828	27.4707	0.0684
85	7.6386	35.1918	7.6303	27.4796	0.0757
95	7.5170	35.1784	7.5078	27.4870	0.0818
105	7.3045	35.1575	7.2944	27.5013	0.0877
115	6.8974	35.1144	6.8868	27.5248	0.0934
125	6.5629	35.0964	6.5516	27.5564	0.0988
135	6.3319	35.0670	6.3200	27.5640	0.1043
145	5.8264	35.0315	5.8141	27.6013	0.1095
155	5.3538	35.0138	5.3794	27.6411	0.1143
165	5.0738	34.9870	5.0613	27.6579	0.1188
175	4.7484	34.9692	4.7351	27.6814	0.1232
185	4.4674	34.9606	4.4537	27.7061	0.1274
195	4.1172	34.9698	4.1033	27.7513	0.1310
205	3.4053	34.9108	3.3919	27.7767	0.1346
225	2.8569	34.8862	2.8431	27.8087	0.1407
245	2.5800	34.9012	2.5655	27.8453	0.1464
265	2.6251	34.9417	2.6093	27.8739	0.1514
285	2.5822	34.9609	2.5652	27.8931	0.1562
305	2.3916	34.9556	2.3739	27.9053	0.1605
325	2.1881	34.9528	2.1696	27.9202	0.1645
345	1.7966	34.9333	1.7781	27.9357	0.1683
365	1.6109	34.9248	1.5918	27.9431	0.1718
385	1.4241	34.9228	1.4044	27.9553	0.1752
405	1.1032	34.9047	1.0836	27.9632	0.1782
425	0.8837	34.9015	0.8638	27.9754	0.1811
445	0.6799	34.9020	0.6597	27.9888	0.1835
465	0.5110	34.8992	0.4905	27.9970	0.1859
485	0.3905	34.8981	0.3696	28.0033	0.1880
505	0.3009	34.8969	0.2794	28.0076	0.1899
605	-0.0439	34.9015	-0.0685	28.0304	0.1985
705	-0.2264	34.9037	-0.2547	28.0418	0.2049
805	-0.3746	34.9057	-0.4067	28.0509	0.2100
905	-0.4953	34.9059	-0.5312	28.0569	0.2140
1005	-0.5949	34.9073	-0.6349	28.0629	0.2171
1105	-0.6652	34.9100	-0.7096	28.0684	0.2192
1205	-0.7243	34.9099	-0.7732	28.0711	0.2206
1305	-0.7648	34.9105	-0.8185	28.0735	0.2214
1405	-0.8020	34.9105	-0.8607	28.0753	0.2217
1505	-0.8252	34.9107	-0.8890	28.0766	0.2215
1605	-0.8489	34.9097	-0.9182	28.0770	0.2209
1705	-0.8669	34.9096	-0.9417	28.0779	0.2199
1805	-0.8788	34.9091	-0.9594	28.0782	0.2187
1905	-0.8922	34.9084	-0.9787	28.0784	0.2171
2005	-0.8997	34.9084	-0.9924	28.0790	0.2152
2105	-0.9000	34.9074	-0.9991	28.0785	0.2131
2205	-0.8997	34.9078	-1.0055	28.0790	0.2108
2305	-0.8952	34.9080	-1.0079	28.0792	0.2083
2405	-0.8888	34.9077	-1.0085	28.0791	0.2056
2505	-0.8827	34.9081	-1.0096	28.0794	0.2028
2605	-0.8762	34.9087	-1.0106	28.0799	0.1997
2705	-0.8692	34.9079	-1.0111	28.0793	0.1966
2805	-0.8617	34.9074	-1.0114	28.0789	0.1933
2905	-0.8541	34.9079	-1.0118	28.0794	0.1899
3005	-0.8457	34.9070	-1.0115	28.0786	0.1864
3105	-0.8380	34.9073	-1.0121	28.0789	0.1828



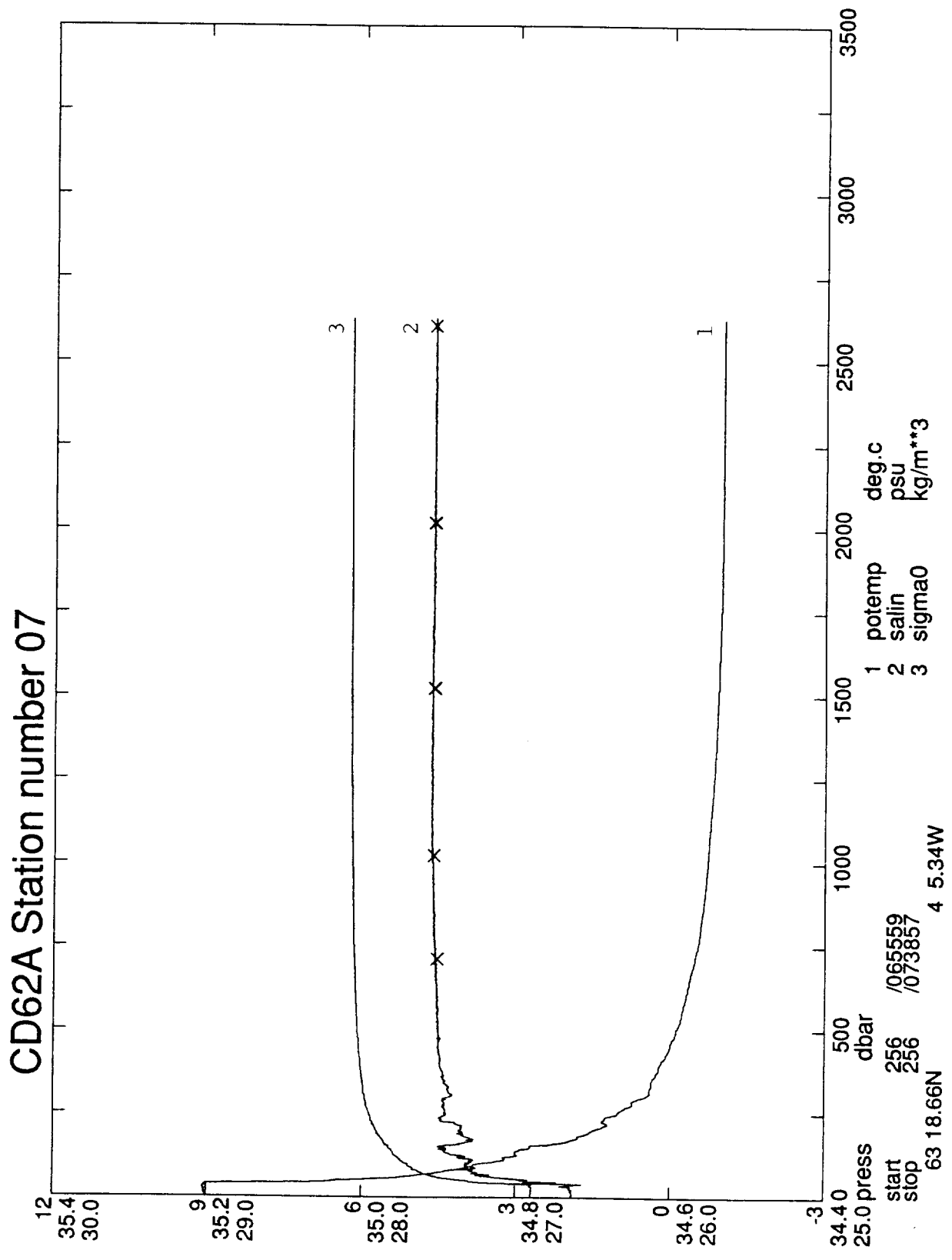
CD 62A Station number 05

Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m ³	dynht dyn m
3	9.8156	34.7834	9.8152	26.8143	0.0038
9	9.8196	34.7827	9.8186	26.8131	0.0109
15	9.8236	34.7830	9.8219	26.8128	0.0183
21	9.8239	34.7833	9.8215	26.8131	0.0259
27	9.8228	34.7829	9.8197	26.8131	0.0331
33	9.8187	34.7831	9.8149	26.8141	0.0410
39	9.7709	34.7877	9.7665	26.8259	0.0479
45	6.5616	34.9059	6.5576	27.4052	0.0437
51	6.2923	34.9944	6.2879	27.5110	0.0476
57	6.0608	34.9835	6.0559	27.5325	0.0510
63	5.8358	34.9787	5.8306	27.5575	0.0543
69	5.4793	34.9761	5.4737	27.5997	0.0573
75	5.1714	34.9722	5.1655	27.6338	0.0602
85	4.8889	34.9756	4.8824	27.6696	0.0645
95	4.4485	34.9534	4.4416	27.7001	0.0686
105	3.9116	34.9145	3.9044	27.7281	0.0725
115	3.5968	34.9036	3.5892	27.7515	0.0759
125	3.4918	34.9013	3.4835	27.7601	0.0795
135	3.2837	34.8966	3.2751	27.7767	0.0826
145	3.2381	34.8982	3.2289	27.7824	0.0860
155	3.1756	34.9064	3.1658	27.7949	0.0892
165	3.0974	34.9031	3.0871	27.7997	0.0922
175	3.0859	34.9161	3.0749	27.8112	0.0951
185	3.0971	34.9251	3.0855	27.8174	0.0981
195	3.0428	34.9220	3.0306	27.8201	0.1009
205	3.0244	34.9311	3.0115	27.8291	0.1039
225	3.0294	34.9451	3.0153	27.8399	0.1092
245	3.0346	34.9552	3.0191	27.8476	0.1148
265	2.8369	34.9526	2.8206	27.8638	0.1198
285	2.6187	34.9385	2.6016	27.8720	0.1248
305	2.3421	34.9306	2.3244	27.8894	0.1294
325	2.1729	34.9423	2.1545	27.9129	0.1337
345	1.8832	34.9264	1.8645	27.9235	0.1376
365	1.6459	34.9161	1.6267	27.9335	0.1413
385	1.4405	34.9132	1.4209	27.9464	0.1446
405	1.2048	34.9107	1.1848	27.9611	0.1479
425	1.0224	34.9082	1.0019	27.9716	0.1509
445	0.8559	34.9051	0.8351	27.9802	0.1535
465	0.6708	34.8985	0.6497	27.9866	0.1560
485	0.5396	34.9003	0.5180	27.9962	0.1583
505	0.4224	34.9007	0.4004	28.0035	0.1604
605	0.0651	34.9027	0.0399	28.0256	0.1696
705	-0.1975	34.9019	-0.2260	28.0389	0.1764
805	-0.3580	34.9045	-0.3901	28.0491	0.1818
905	-0.4933	34.9061	-0.5292	28.0570	0.1858
1005	-0.5724	34.9090	-0.6125	28.0632	0.1888
1105	-0.6444	34.9097	-0.6889	28.0672	0.1910
1205	-0.6944	34.9106	-0.7436	28.0703	0.1925
1305	-0.7400	34.9115	-0.7939	28.0733	0.1934
1405	-0.7735	34.9118	-0.8324	28.0751	0.1938
1505	-0.8115	34.9115	-0.8755	28.0767	0.1936
1605	-0.8337	34.9112	-0.9031	28.0776	0.1931
1705	-0.8524	34.9108	-0.9274	28.0783	0.1922
1805	-0.8657	34.9102	-0.9465	28.0786	0.1910
1905	-0.8778	34.9099	-0.9645	28.0790	0.1895
2005	-0.8857	34.9099	-0.9786	28.0797	0.1877
2105	-0.8915	34.9092	-0.9908	28.0795	0.1856
2205	-0.8922	34.9083	-0.9982	28.0791	0.1833
2305	-0.8900	34.9082	-1.0027	28.0792	0.1808
2405	-0.8851	34.9082	-1.0049	28.0793	0.1781
2505	-0.8804	34.9086	-1.0074	28.0798	0.1752
2605	-0.8737	34.9082	-1.0081	28.0794	0.1722
2705	-0.8665	34.9086	-1.0085	28.0797	0.1691
2805	-0.8592	34.9087	-1.0090	28.0799	0.1658
2905	-0.8519	34.9083	-1.0096	28.0796	0.1624
3005	-0.8437	34.9078	-1.0096	28.0792	0.1588



CD 62A Station number 06

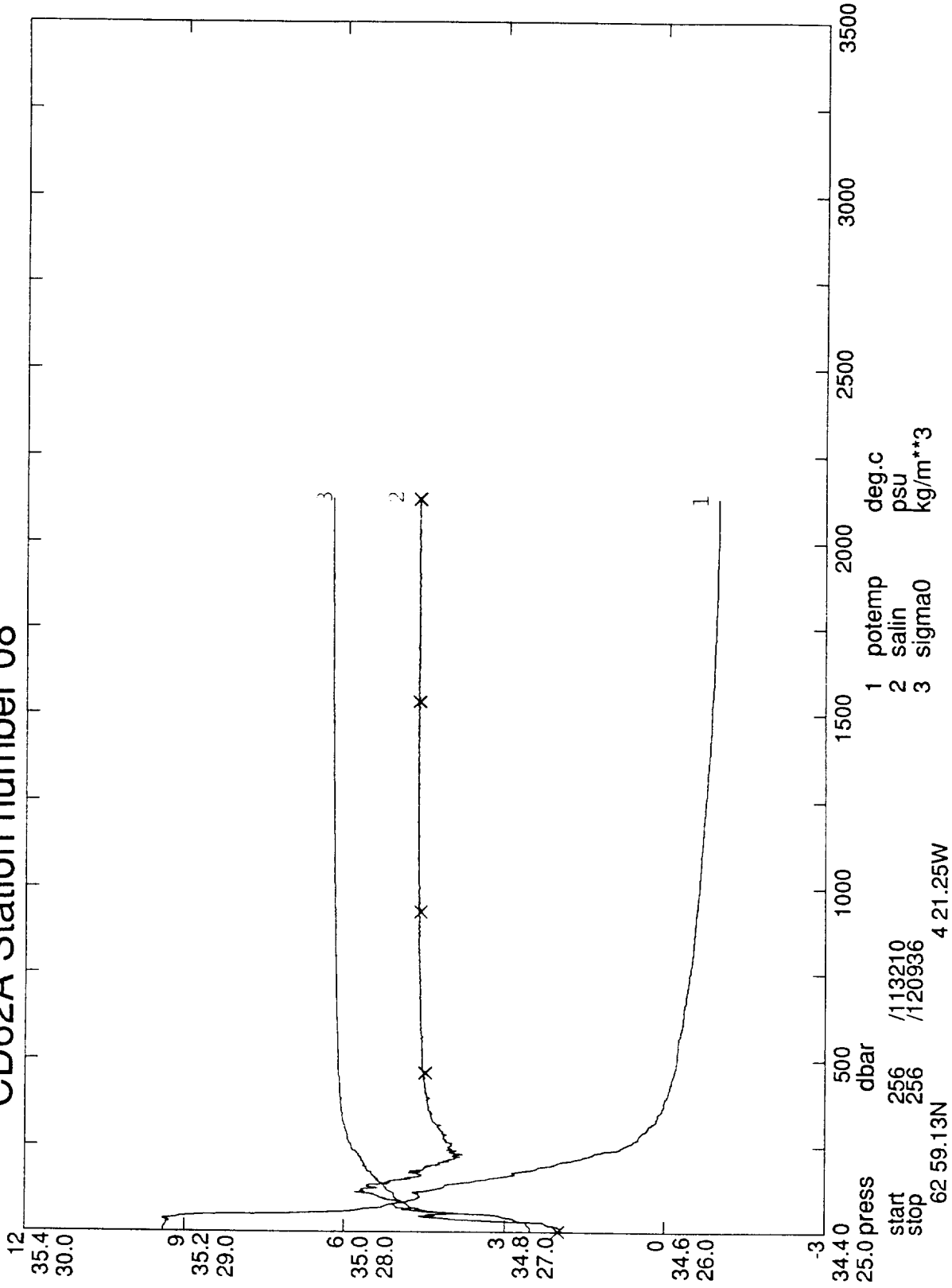
Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m ³	dynht dyn m
1	9.7876	34.8906	9.7873	26.9012	0.0018
7	9.8072	34.8903	9.8064	26.8992	0.0076
13	9.8109	34.8863	9.8094	26.8956	0.0148
19	9.9063	34.9263	9.9041	26.9108	0.0216
25	10.0200	34.9533	10.0172	26.9126	0.0279
31	10.0392	34.9624	10.0356	26.9165	0.0352
37	9.1891	35.0143	9.1851	27.0506	0.0416
43	7.8325	35.0928	7.8282	27.2511	0.0470
49	8.0582	35.1467	8.0533	27.3811	0.0512
55	7.9711	35.1651	7.9655	27.4088	0.0553
61	7.8268	35.1650	7.8207	27.4304	0.0592
67	7.7354	35.1608	7.7288	27.4407	0.0632
73	7.6345	35.1625	7.6273	27.4570	0.0669
85	7.6499	35.1912	7.6416	27.4775	0.0741
95	7.6385	35.2069	7.6293	27.4916	0.0801
105	7.5100	35.1873	7.4998	27.4952	0.0866
115	7.2608	35.1673	7.2499	27.5154	0.0920
125	6.8705	35.1421	6.8590	27.5504	0.0980
135	6.7398	35.1335	6.7275	27.5617	0.1035
145	6.1903	35.0847	6.1776	27.5967	0.1089
155	5.7334	35.0308	5.7205	27.6125	0.1137
165	5.2788	35.0490	5.2655	27.6827	0.1184
175	4.9232	35.0016	4.9097	27.6871	0.1227
185	4.4936	34.9700	4.4798	27.7107	0.1267
195	4.2226	34.9454	4.2085	27.7207	0.1305
205	3.9071	34.9376	3.8928	27.7477	0.1342
225	3.3802	34.9187	3.3654	27.7856	0.1412
245	3.2129	34.9256	3.1971	27.8073	0.1473
265	3.1006	34.9303	3.0838	27.8217	0.1531
285	2.7504	34.9283	2.7330	27.8522	0.1587
305	2.4114	34.9272	2.3935	27.8809	0.1638
325	2.2938	34.9374	2.2751	27.8991	0.1682
345	1.8794	34.9174	1.8606	27.9166	0.1724
365	1.6952	34.9162	1.6758	27.9298	0.1762
385	1.5887	34.9268	1.5686	27.9464	0.1796
405	1.4485	34.9311	1.4277	27.9602	0.1829
425	1.1851	34.9120	1.1641	27.9636	0.1858
445	1.0244	34.9190	1.0029	27.9802	0.1886
465	0.8123	34.9168	0.7906	27.9924	0.1910
485	0.6734	34.9142	0.6513	27.9991	0.1934
505	0.4964	34.9116	0.4740	28.0080	0.1955
605	0.0945	34.9133	0.0691	28.0326	0.2039
705	-0.1333	34.9142	-0.1621	28.0456	0.2103
805	-0.3301	34.9156	-0.3625	28.0568	0.2151
905	-0.4692	34.9162	-0.5054	28.0641	0.2186
1005	-0.5610	34.9170	-0.6013	28.0691	0.2211
1105	-0.6387	34.9174	-0.6833	28.0732	0.2227
1205	-0.6988	34.9170	-0.7480	28.0757	0.2237
1305	-0.7402	34.9161	-0.7942	28.0770	0.2242
1405	-0.7747	34.9160	-0.8337	28.0786	0.2243
1505	-0.8051	34.9139	-0.8692	28.0784	0.2239
1605	-0.8341	34.9136	-0.9035	28.0795	0.2232
1705	-0.8542	34.9124	-0.9292	28.0797	0.2221
1805	-0.8697	34.9110	-0.9504	28.0793	0.2208
1905	-0.8794	34.9099	-0.9661	28.0791	0.2192
2005	-0.8893	34.9087	-0.9822	28.0788	0.2174
2105	-0.8922	34.9074	-0.9915	28.0781	0.2154
2205	-0.8907	34.9058	-0.9966	28.0771	0.2133
2305	-0.8895	34.9046	-1.0022	28.0763	0.2110
2405	-0.8838	34.9031	-1.0036	28.0751	0.2087
2505	-0.8792	34.9023	-1.0062	28.0745	0.2062
2605	-0.8727	34.9014	-1.0071	28.0738	0.2037



CD 62A Station number 07

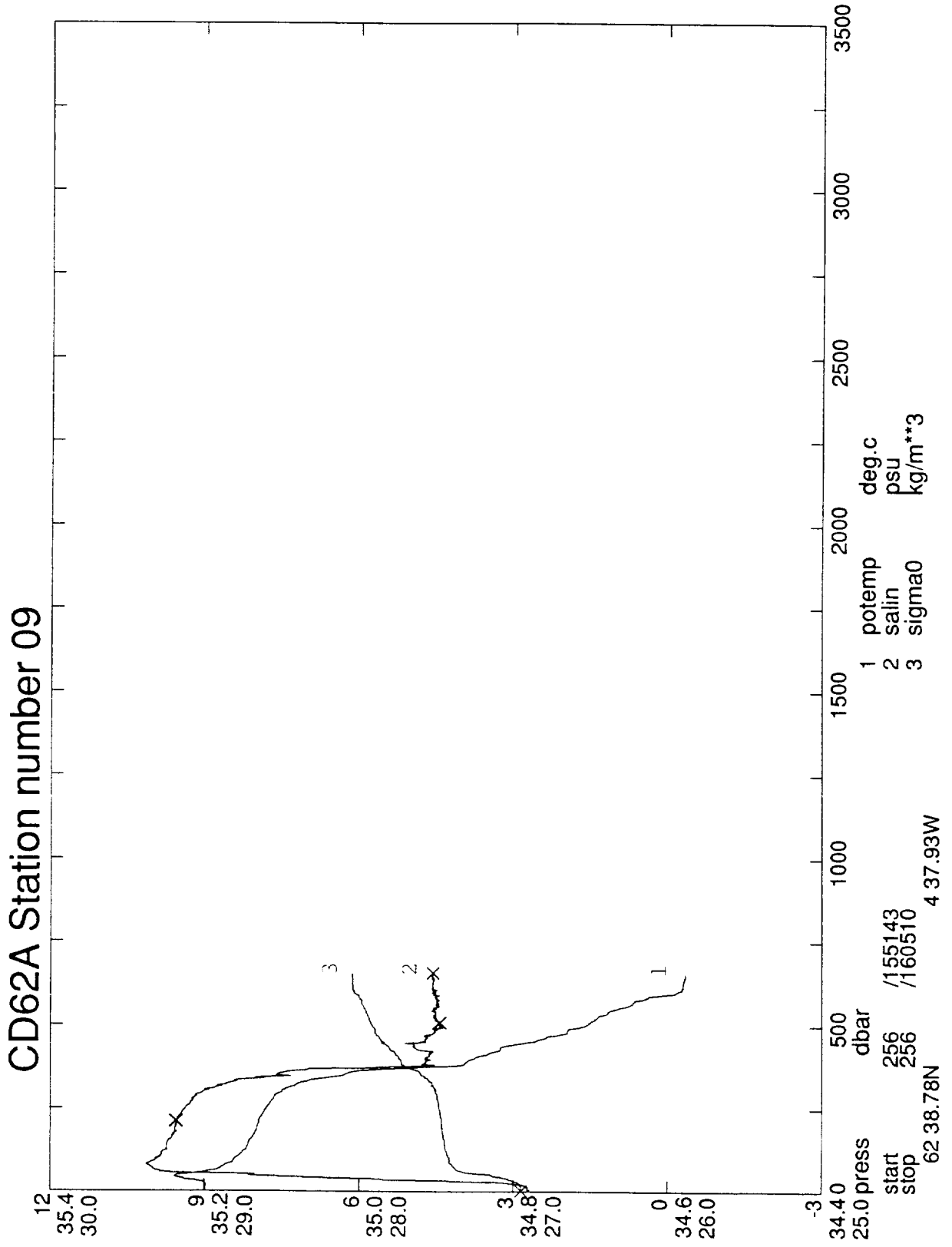
Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m ³	dynht dyn m
3	9.0203	34.7270	9.0200	26.9012	0.0039
9	9.0331	34.7275	9.0321	26.8996	0.0103
15	9.0560	34.7284	9.0544	26.8967	0.0172
21	9.0469	34.7292	9.0446	26.8989	0.0239
27	9.0737	34.7304	9.0708	26.8956	0.0311
33	9.0425	34.7424	9.0390	26.9102	0.0375
39	9.0133	34.7151	9.0092	26.8936	0.0445
45	6.8144	34.7476	6.8103	27.2461	0.0456
51	6.4221	34.7943	6.4177	27.3358	0.0500
57	5.5652	34.8139	5.5605	27.4607	0.0539
63	5.1099	34.8401	5.1050	27.5362	0.0575
69	4.7632	34.8486	4.7580	27.5831	0.0607
75	4.4874	34.8545	4.4819	27.6187	0.0637
85	4.0877	34.8583	4.0818	27.6649	0.0680
95	3.8306	34.8647	3.8241	27.6968	0.0723
105	3.4592	34.8577	3.4524	27.7285	0.0761
115	3.2197	34.8616	3.2124	27.7547	0.0795
125	2.9738	34.8719	2.9661	27.7860	0.0829
135	3.0133	34.8918	3.0049	27.7983	0.0859
145	2.7499	34.8896	2.7412	27.8206	0.0890
155	2.4008	34.8903	2.3919	27.8515	0.0917
165	2.0073	34.8576	1.9985	27.8578	0.0941
175	1.8072	34.8592	1.7981	27.8748	0.0965
185	1.6962	34.8699	1.6867	27.8919	0.0987
195	1.5755	34.8696	1.5657	27.9008	0.1007
205	1.4112	34.8698	1.4011	27.9129	0.1027
225	1.3447	34.8961	1.3337	27.9389	0.1063
245	1.0603	34.8920	1.0488	27.9554	0.1095
265	0.9032	34.8925	0.8911	27.9664	0.1124
285	0.7654	34.8940	0.7527	27.9765	0.1150
305	0.4706	34.8820	0.4577	27.9851	0.1176
325	0.4175	34.8877	0.4038	27.9929	0.1198
345	0.3856	34.8933	0.3711	27.9993	0.1219
365	0.3022	34.8950	0.2870	28.0056	0.1240
385	0.2492	34.8975	0.2334	28.0107	0.1259
405	0.1981	34.8989	0.1815	28.0147	0.1278
425	0.1140	34.8997	0.0968	28.0201	0.1295
445	0.0388	34.9018	0.0210	28.0259	0.1310
465	0.0063	34.9006	-0.0122	28.0267	0.1326
485	-0.0673	34.9014	-0.0864	28.0313	0.1341
505	-0.1066	34.9025	-0.1264	28.0343	0.1355
605	-0.2774	34.9032	-0.3009	28.0437	0.1415
705	-0.4341	34.9051	-0.4612	28.0530	0.1464
805	-0.5502	34.9075	-0.5811	28.0606	0.1501
905	-0.6262	34.9080	-0.6612	28.0646	0.1529
1005	-0.6813	34.9097	-0.7206	28.0686	0.1550
1105	-0.7217	34.9109	-0.7655	28.0715	0.1565
1205	-0.7664	34.9101	-0.8148	28.0730	0.1575
1305	-0.8042	34.9106	-0.8575	28.0752	0.1579
1405	-0.8308	34.9101	-0.8891	28.0761	0.1579
1505	-0.8532	34.9103	-0.9167	28.0774	0.1575
1605	-0.8701	34.9098	-0.9390	28.0780	0.1568
1705	-0.8850	34.9099	-0.9595	28.0789	0.1557
1805	-0.8970	34.9090	-0.9773	28.0789	0.1543
1905	-0.9013	34.9085	-0.9877	28.0788	0.1526
2005	-0.9033	34.9085	-0.9960	28.0792	0.1507
2105	-0.9012	34.9075	-1.0003	28.0786	0.1486
2205	-0.8975	34.9079	-1.0032	28.0790	0.1463
2305	-0.8917	34.9077	-1.0044	28.0789	0.1438
2405	-0.8857	34.9074	-1.0055	28.0787	0.1411
2505	-0.8802	34.9075	-1.0072	28.0788	0.1383
2605	-0.8739	34.9075	-1.0083	28.0789	0.1354

CD62A Station number 08



CD 62A Station number 08

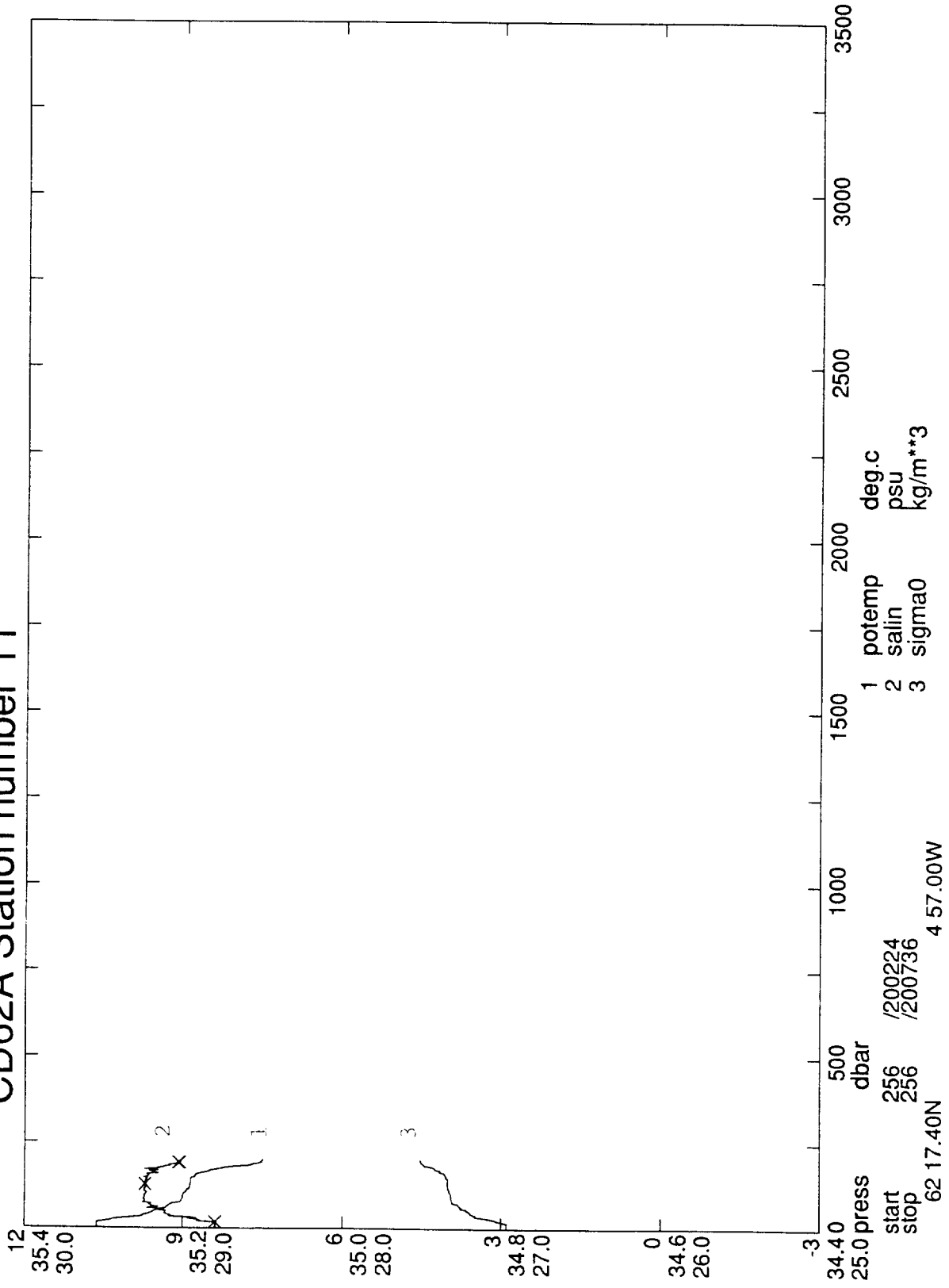
Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m ³	dynht dyn m
1	9.4004	34.7261	9.4002	26.8387	0.0279
7	9.3973	34.7307	9.3966	26.8428	0.0342
13	9.3933	34.7339	9.3919	26.8461	0.0418
19	9.3670	34.7460	9.3650	26.8600	0.0487
25	9.3542	34.7507	9.3515	26.8659	0.0557
31	9.2935	34.8109	9.2901	26.9231	0.0629
37	9.4185	34.8747	9.4144	26.9525	0.0692
43	9.1130	34.9062	9.1084	27.0272	0.0756
49	8.5916	34.8980	8.5865	27.1039	0.0821
55	6.7729	34.8687	6.7679	27.3473	0.0870
61	5.8638	34.9094	5.8047	27.5059	0.0908
67	5.5646	34.9161	5.6244	27.5338	0.0944
73	5.2707	34.9362	5.2650	27.5934	0.0972
85	4.8851	34.9308	4.8786	27.6345	0.1030
95	4.6619	34.9513	4.6548	27.6763	0.1076
105	4.6176	34.9590	4.6098	27.6874	0.1117
115	4.7220	34.9866	4.7133	27.6977	0.1156
125	4.2469	34.9751	4.2379	27.7412	0.1195
135	4.1281	34.9709	4.1185	27.7506	0.1230
145	3.6358	34.9421	3.6261	27.7785	0.1264
155	3.2834	34.9174	3.2734	27.7934	0.1296
165	2.8304	34.9049	2.8204	27.8256	0.1325
175	2.6599	34.9180	2.6495	27.8514	0.1353
185	2.3990	34.8999	2.3884	27.8595	0.1376
195	2.0692	34.8812	2.0586	27.8718	0.1401
205	1.7726	34.8761	1.7619	27.8911	0.1423
225	1.3479	34.8537	1.3369	27.9046	0.1464
245	0.8094	34.8710	0.7985	27.9550	0.1498
265	0.5616	34.8758	0.5503	27.9745	0.1526
285	0.4463	34.8787	0.4343	27.9838	0.1551
305	0.3139	34.8842	0.3014	27.9960	0.1574
325	0.1695	34.8912	0.1565	28.0099	0.1593
345	0.1158	34.8924	0.1021	28.0139	0.1612
365	0.0309	34.8960	0.0166	28.0214	0.1629
385	0.0149	34.8970	-0.0003	28.0232	0.1645
405	-0.0561	34.8985	-0.0718	28.0282	0.1660
425	-0.0865	34.8996	-0.1030	28.0307	0.1674
445	-0.1158	34.8995	-0.1330	28.0322	0.1688
465	-0.1668	34.9027	-0.1847	28.0375	0.1701
485	-0.1965	34.9036	-0.2152	28.0398	0.1714
505	-0.2070	34.9031	-0.2264	28.0399	0.1725
605	-0.3121	34.9049	-0.3354	28.0468	0.1782
705	-0.3946	34.9062	-0.4219	28.0521	0.1830
805	-0.4905	34.9079	-0.5218	28.0582	0.1870
905	-0.5358	34.9076	-0.5714	28.0602	0.1903
1005	-0.5972	34.9085	-0.6372	28.0639	0.1931
1105	-0.6352	34.9085	-0.6799	28.0659	0.1953
1205	-0.6790	34.9082	-0.7284	28.0677	0.1970
1305	-0.7292	34.9080	-0.7833	28.0699	0.1982
1405	-0.7772	34.9085	-0.8361	28.0726	0.1989
1505	-0.8018	34.9086	-0.8659	28.0740	0.1990
1605	-0.8347	34.9085	-0.9041	28.0754	0.1987
1705	-0.8527	34.9077	-0.9276	28.0757	0.1981
1805	-0.8692	34.9071	-0.9499	28.0762	0.1970
1905	-0.8797	34.9073	-0.9664	28.0770	0.1956
2005	-0.8890	34.9076	-0.9819	28.0779	0.1939
2105	-0.8841	34.9081	-0.9835	28.0784	0.1920



CD 62A Station number 09

Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m ³	dynht dyn m
3	8.9881	34.7796	8.9878	26.9476	0.0038
9	8.9803	34.7819	8.9794	26.9506	0.0102
15	8.9807	34.7823	8.9791	26.9511	0.0170
21	8.9805	34.7888	8.9782	26.9562	0.0239
27	9.0178	34.8158	9.0148	26.9715	0.0305
33	9.2015	34.8867	9.1980	26.9974	0.0358
39	9.4410	34.9902	9.4367	27.0392	0.0422
45	9.5649	35.1243	9.5599	27.1236	0.0482
51	9.4187	35.1365	9.4130	27.1576	0.0539
57	9.0765	35.2452	9.0704	27.2989	0.0587
63	8.8374	35.2628	8.8306	27.3513	0.0634
69	8.7128	35.2664	8.7055	27.3740	0.0678
75	8.6426	35.2706	8.6347	27.3885	0.0719
85	8.5036	35.2703	8.4947	27.4102	0.0785
95	8.4456	35.2631	8.4356	27.4138	0.0856
105	8.3628	35.2566	8.3520	27.4217	0.0921
115	8.3025	35.2561	8.2906	27.4308	0.0990
125	8.2244	35.2475	8.2115	27.4362	0.1057
135	8.1855	35.2489	8.1716	27.4434	0.1122
145	8.1643	35.2475	8.1494	27.4456	0.1188
155	8.1436	35.2463	8.1277	27.4480	0.1251
165	8.0853	35.2409	8.0684	27.4528	0.1318
175	8.0415	35.2393	8.0237	27.4583	0.1382
185	8.0173	35.2377	7.9985	27.4609	0.1448
195	8.0044	35.2365	7.9845	27.4620	0.1513
205	7.9777	35.2358	7.9569	27.4656	0.1576
225	7.9332	35.2305	7.9104	27.4684	0.1707
245	7.8594	35.2254	7.8346	27.4758	0.1834
265	7.7657	35.2182	7.7391	27.4843	0.1964
285	7.6808	35.2122	7.6523	27.4924	0.2093
305	7.5313	35.1945	7.5012	27.5006	0.2219
325	7.2227	35.1710	7.1913	27.5266	0.2340
345	6.6035	35.1216	6.5718	27.5735	0.2457
365	5.9226	35.0710	5.8909	27.6228	0.2566
385	3.9789	34.9153	3.9513	27.7239	0.2655
405	3.7660	34.9135	3.7376	27.7445	0.2735
425	3.3048	34.9180	3.2765	27.7936	0.2806
445	2.9336	34.9325	2.9053	27.8400	0.2869
465	2.3869	34.9115	2.3592	27.8712	0.2924
485	1.9773	34.9022	1.9500	27.8973	0.2969
505	1.5703	34.8982	1.5435	27.9253	0.3011
605	-0.2097	34.8982	-0.2336	28.0363	0.3148

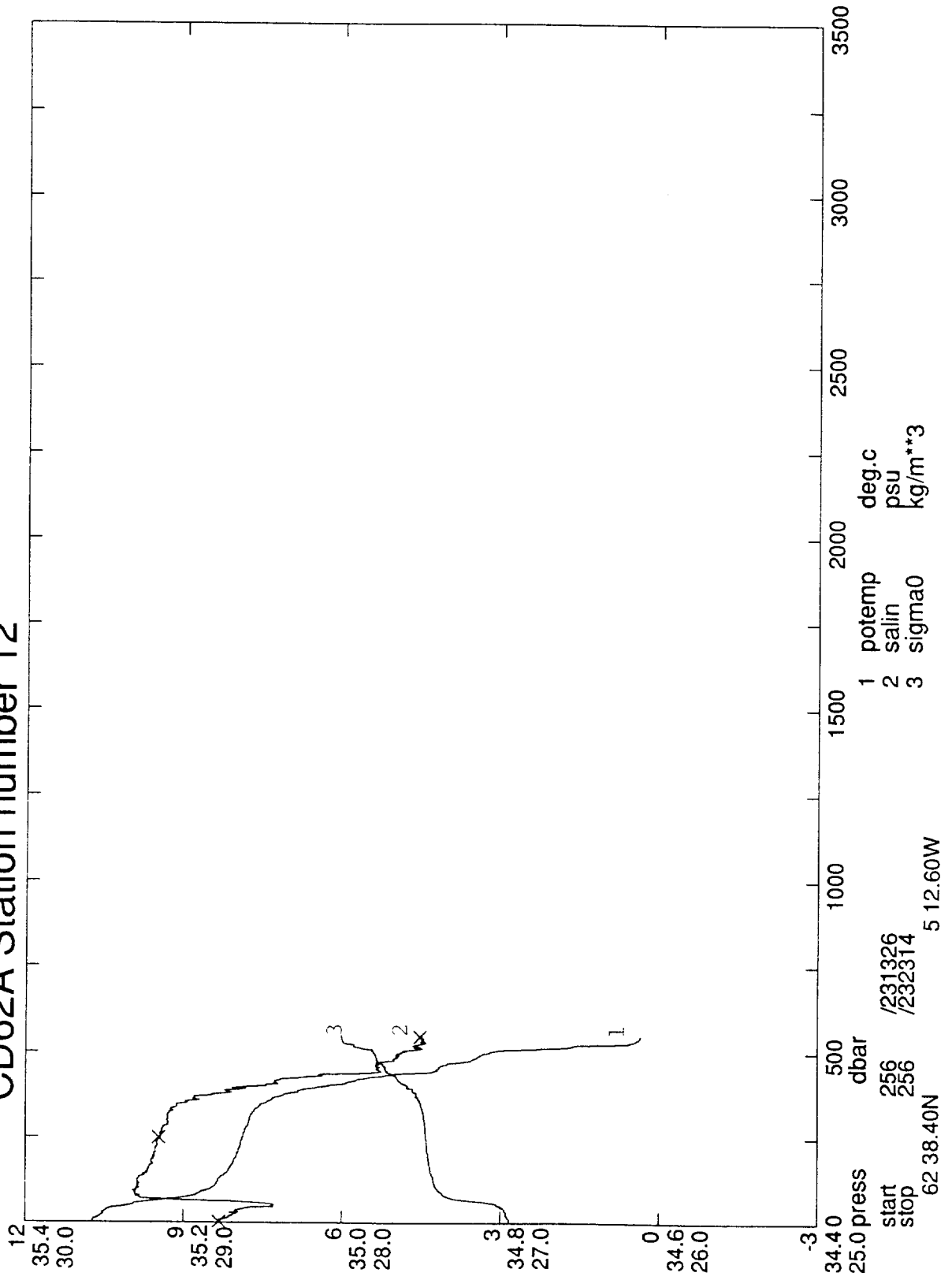
CD62A Station number 11



CD 62A Station number 11

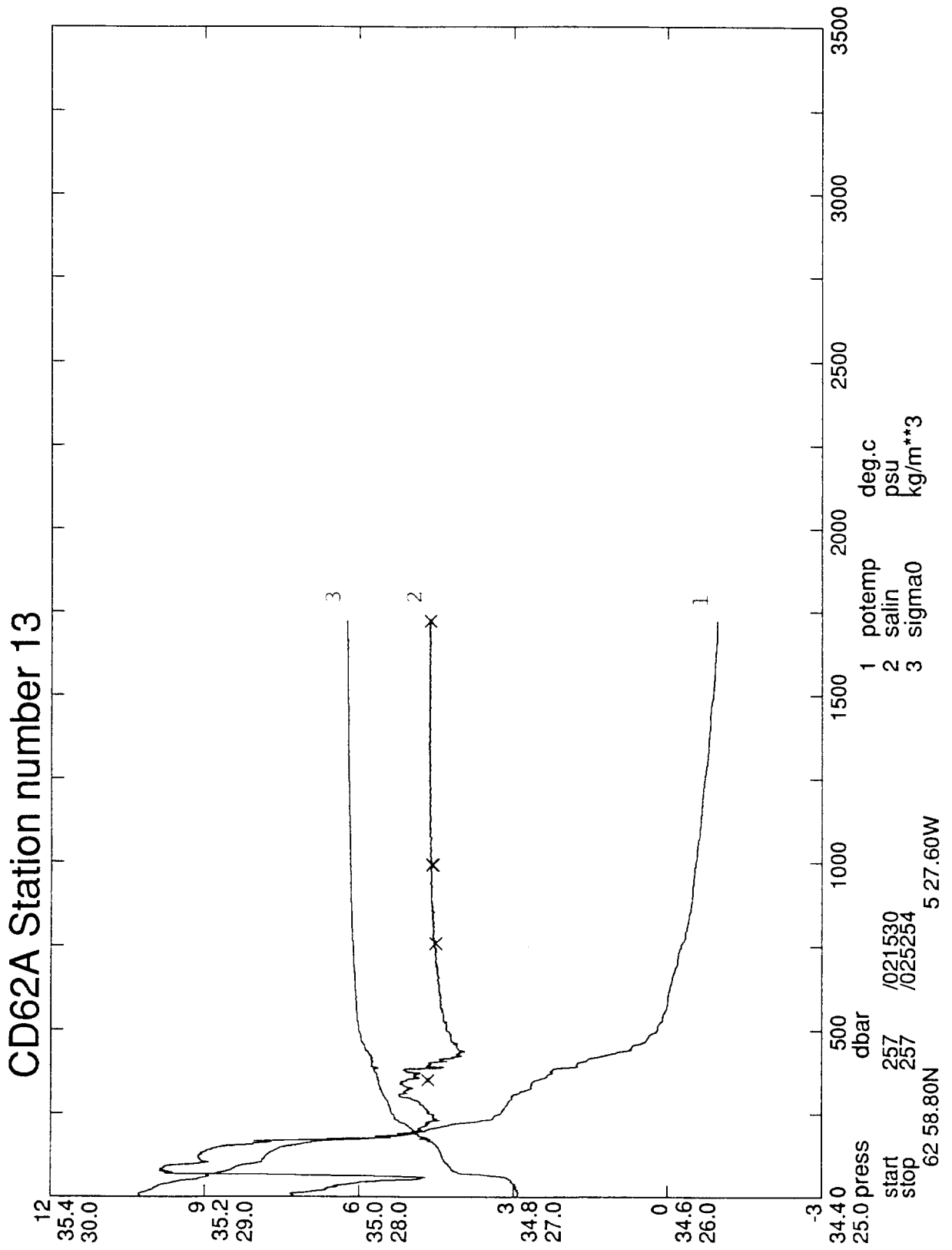
Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m**3	dynht dyn m
1	10.6426	35.1585	10.6424	26.9634	0.0021
7	10.6393	35.1590	10.6385	26.9645	0.0074
13	10.6416	35.1582	10.6400	26.9636	0.0138
19	10.5900	35.1646	10.5877	26.9779	0.0208
25	10.3678	35.1801	10.3649	27.0293	0.0265
31	10.0918	35.1832	10.0882	27.0799	0.0326
37	9.7733	35.2160	9.7691	27.1601	0.0383
43	9.6358	35.2235	9.6310	27.1893	0.0437
49	9.5705	35.2232	9.5649	27.2001	0.0496
55	9.4732	35.2277	9.4671	27.2200	0.0542
61	9.3325	35.2376	9.3258	27.2511	0.0588
67	9.2853	35.2397	9.2779	27.2606	0.0641
73	9.2069	35.2407	9.1989	27.2744	0.0689
85	9.0201	35.2499	9.0109	27.3122	0.0781
95	9.0036	35.2486	8.9933	27.3141	0.0862
105	8.9551	35.2458	8.9437	27.3198	0.0934
115	8.9027	35.2493	8.8903	27.3311	0.1015
125	8.8740	35.2475	8.8605	27.3345	0.1089
135	8.8601	35.2476	8.8455	27.3369	0.1164
145	8.8564	35.2463	8.8408	27.3367	0.1240
155	8.7747	35.2433	8.7581	27.3476	0.1316
165	8.5479	35.2367	8.5306	27.3866	0.1388
175	8.2723	35.2286	8.2542	27.4148	0.1459
185	7.7518	35.2177	7.7333	27.4848	0.1530
195	7.5239	35.2022	7.5048	27.5062	0.1589

CD62A Station number 12



CD 62A Station number 12

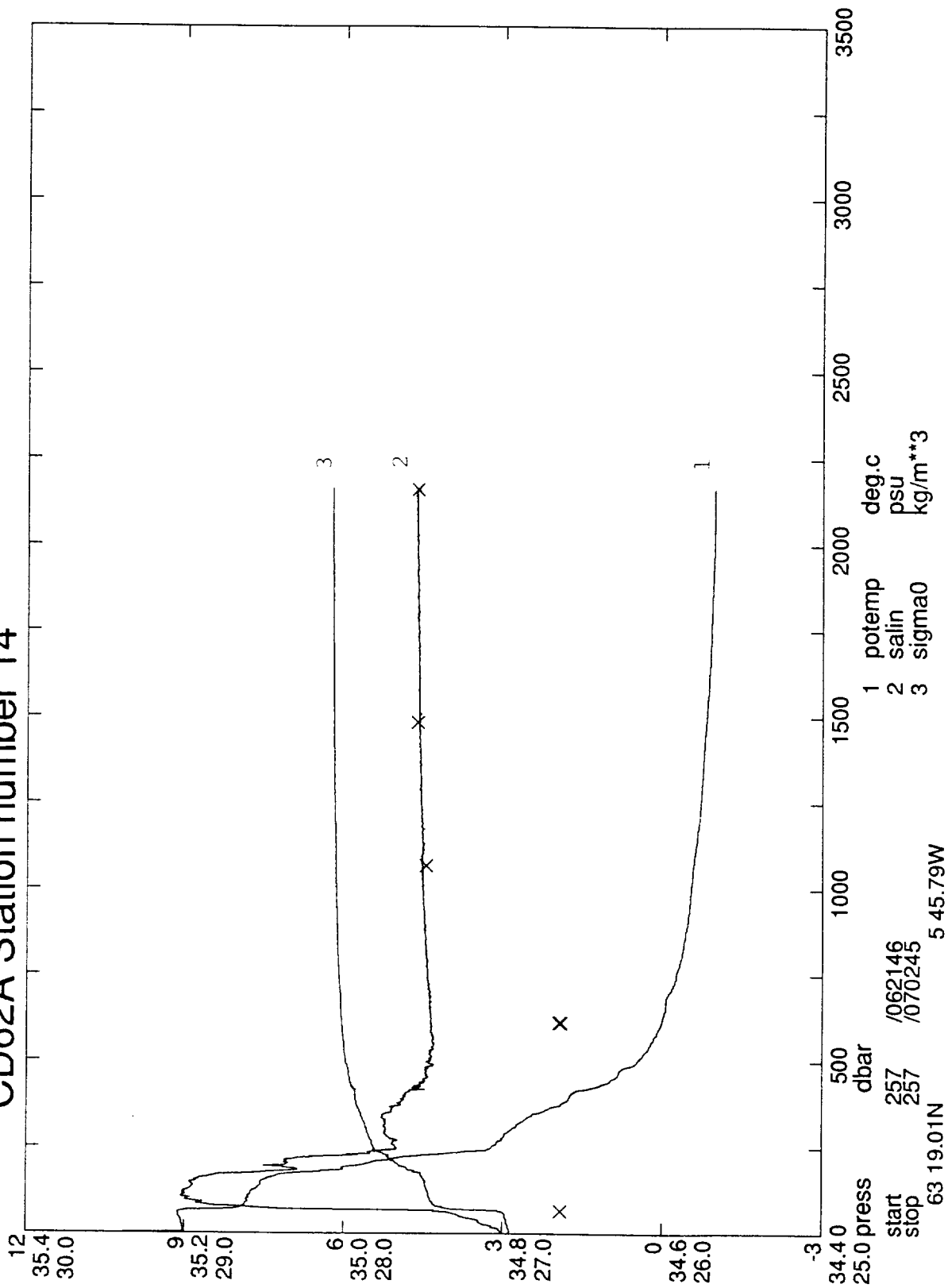
Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m ³	dynht dyn m
3	10.7259	35.1554	10.7256	26.9462	0.0031
9	10.7210	35.1553	10.7200	26.9471	0.0099
15	10.6287	35.1436	10.6268	26.9545	0.0169
21	10.5713	35.1387	10.5688	26.9611	0.0230
27	10.5233	35.1328	10.5202	26.9651	0.0294
33	10.4966	35.1340	10.4928	26.9708	0.0357
39	10.4453	35.1261	10.4407	26.9739	0.0424
45	10.2137	35.1145	10.2084	27.0055	0.0490
51	10.0074	35.0878	10.0016	27.0203	0.0550
57	9.9456	35.1003	9.9391	27.0408	0.0617
63	9.6268	35.1457	9.6198	27.1304	0.0671
69	9.2389	35.2387	9.2313	27.2675	0.0727
75	8.9662	35.2565	8.9581	27.3259	0.0769
85	8.7364	35.2610	8.7274	27.3663	0.0844
95	8.5645	35.2603	8.5661	27.3913	0.0915
105	8.4419	35.2591	8.4310	27.4114	0.0985
115	8.3928	35.2570	8.3809	27.4175	0.1050
125	8.3570	35.2593	8.3440	27.4250	0.1119
135	8.3111	35.2549	8.2971	27.4288	0.1188
145	8.2048	35.2460	8.1898	27.4383	0.1256
155	8.1638	35.2465	8.1479	27.4451	0.1319
165	8.1257	35.2433	8.1088	27.4486	0.1383
175	8.0786	35.2411	8.0607	27.4541	0.1453
185	8.0622	35.2387	8.0434	27.4549	0.1515
195	8.0251	35.2394	8.0053	27.4611	0.1579
205	7.9931	35.2359	7.9723	27.4635	0.1648
225	7.9550	35.2338	7.9322	27.4678	0.1773
245	7.9250	35.2316	7.9001	27.4709	0.1906
265	7.8741	35.2278	7.8473	27.4758	0.2038
285	7.8146	35.2201	7.7859	27.4789	0.2164
305	7.7802	35.2207	7.7495	27.4848	0.2297
325	7.7157	35.2179	7.6831	27.4924	0.2424
345	7.5880	35.2089	7.5537	27.5043	0.2554
365	7.3490	35.1859	7.3133	27.5209	0.2677
385	6.8674	35.1443	6.8311	27.5560	0.2799
405	6.2298	35.0955	6.1936	27.6031	0.2911
425	5.5651	35.0574	5.5292	27.6574	0.3014
445	4.2645	34.9527	4.2315	27.7240	0.3104
465	4.0596	34.9582	4.0257	27.7503	0.3186
485	3.4893	34.9304	3.4561	27.7860	0.3258
505	3.1266	34.9233	3.0934	27.8152	0.3325



CD 62A Station number 13

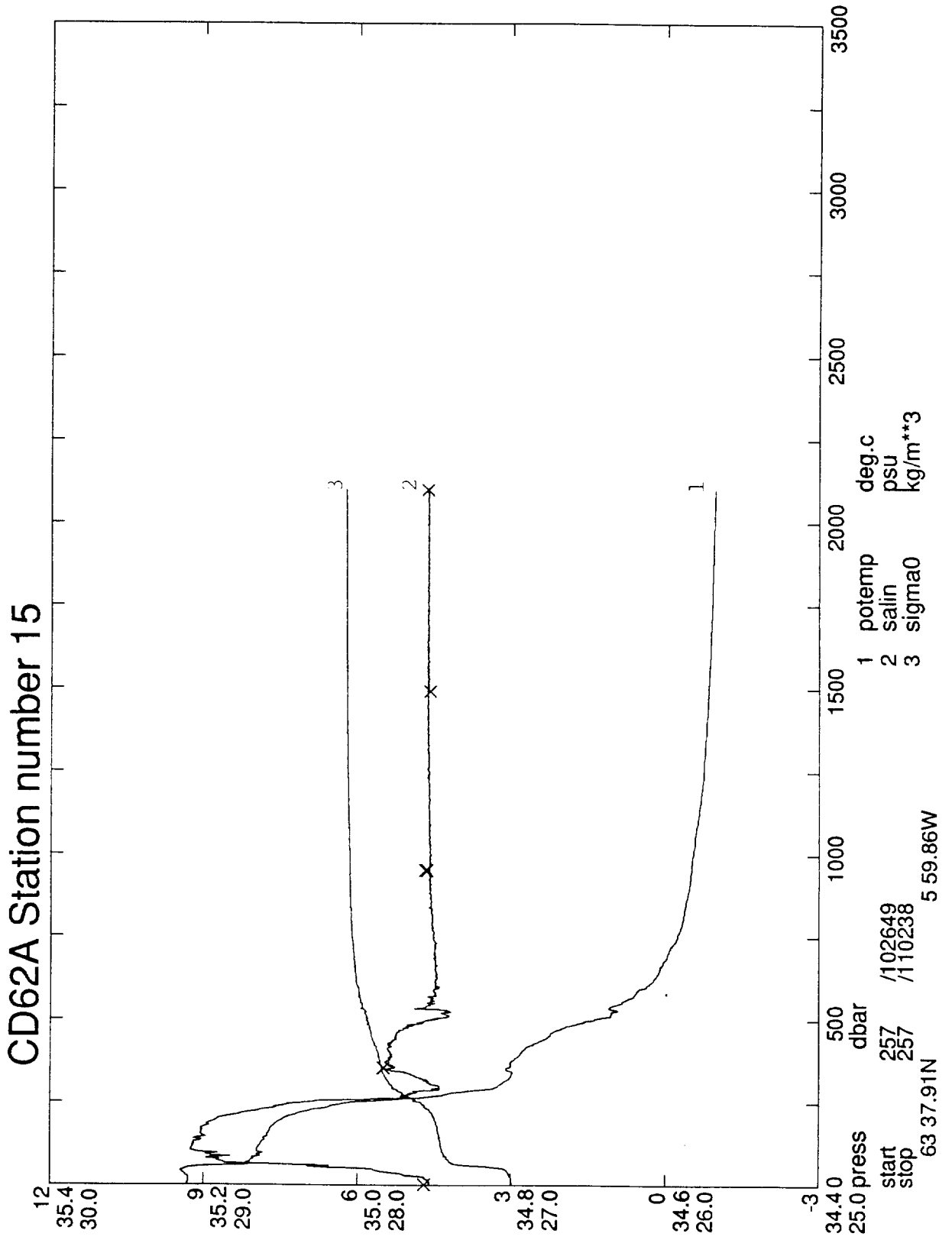
Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m ³	dynht dyn m
1	10.2422	35.0842	10.2420	26.9760	0.0017
7	10.2705	35.0883	10.2697	26.9743	0.0074
13	10.2412	35.0740	10.2398	26.9683	0.0134
19	10.1064	35.0596	10.1042	26.9806	0.0209
25	10.0031	35.0445	10.0003	26.9867	0.0262
31	9.9359	35.0285	9.9323	26.9858	0.0335
37	9.8356	35.0134	9.8314	26.9912	0.0393
43	9.6320	34.9999	9.6271	27.0151	0.0463
49	9.4538	34.9693	9.4484	27.0210	0.0523
55	9.1147	34.9198	9.1088	27.0378	0.0584
61	8.9190	34.9537	8.9124	27.0960	0.0649
67	9.0387	35.1370	8.9786	27.2289	0.0700
73	8.7207	35.2512	8.7129	27.3609	0.0745
85	8.4425	35.2542	8.4336	27.4071	0.0829
95	8.2442	35.2384	8.2344	27.4255	0.0896
105	7.9067	35.2010	7.8962	27.4474	0.0960
115	7.8597	35.2060	7.8482	27.4585	0.1025
125	7.8070	35.2076	7.7945	27.4678	0.1087
135	7.6986	35.1971	7.6852	27.4757	0.1153
145	7.5843	35.1889	7.5700	27.4861	0.1213
155	7.1903	35.1374	7.1755	27.5025	0.1277
165	6.7977	35.1360	6.7825	27.5562	0.1329
175	5.7226	34.9600	5.7079	27.5581	0.1386
185	5.1489	34.9429	5.1343	27.6143	0.1434
195	4.7712	34.9294	4.7563	27.6474	0.1483
205	4.5697	34.9203	4.5544	27.6629	0.1528
225	3.6641	34.9090	3.7174	27.7429	0.1611
245	3.3602	34.9023	3.3441	27.7746	0.1681
265	3.1987	34.9143	3.1816	27.7997	0.1744
285	3.1228	34.9230	3.1046	27.8139	0.1804
305	3.0272	34.9489	3.0079	27.8436	0.1862
325	2.6695	34.9311	2.6498	27.8619	0.1914
345	2.6487	34.9461	2.6278	27.8757	0.1964
365	2.3571	34.9252	2.3358	27.8842	0.2011
385	2.1601	34.8970	2.1382	27.8780	0.2055
405	1.6369	34.8861	1.6155	27.9103	0.2097
425	1.2057	34.8738	1.1847	27.9315	0.2134
445	0.7192	34.8733	0.6989	27.9632	0.2167
465	0.4499	34.8807	0.4296	27.9857	0.2195
485	0.3711	34.8809	0.3488	27.9906	0.2219
505	0.2204	34.8871	0.1992	28.0042	0.2240
605	0.0107	34.8959	-0.0143	28.0230	0.2327
705	-0.1668	34.9012	-0.1954	28.0368	0.2399
805	-0.3471	34.9045	-0.3793	28.0486	0.2455
905	-0.4447	34.9065	-0.4811	28.0551	0.2497
1005	-0.5137	34.9072	-0.5543	28.0591	0.2532
1105	-0.5899	34.9084	-0.6350	28.0638	0.2560
1205	-0.6360	34.9085	-0.6857	28.0661	0.2581
1305	-0.7156	34.9084	-0.7697	28.0697	0.2596
1405	-0.7639	34.9089	-0.8230	28.0724	0.2603
1505	-0.8222	34.9080	-0.8861	28.0743	0.2605
1605	-0.8553	34.9085	-0.9246	28.0763	0.2600
1705	-0.8787	34.9085	-0.9534	28.0775	0.2590

CD62A Station number 14



CD 62A Station number 14

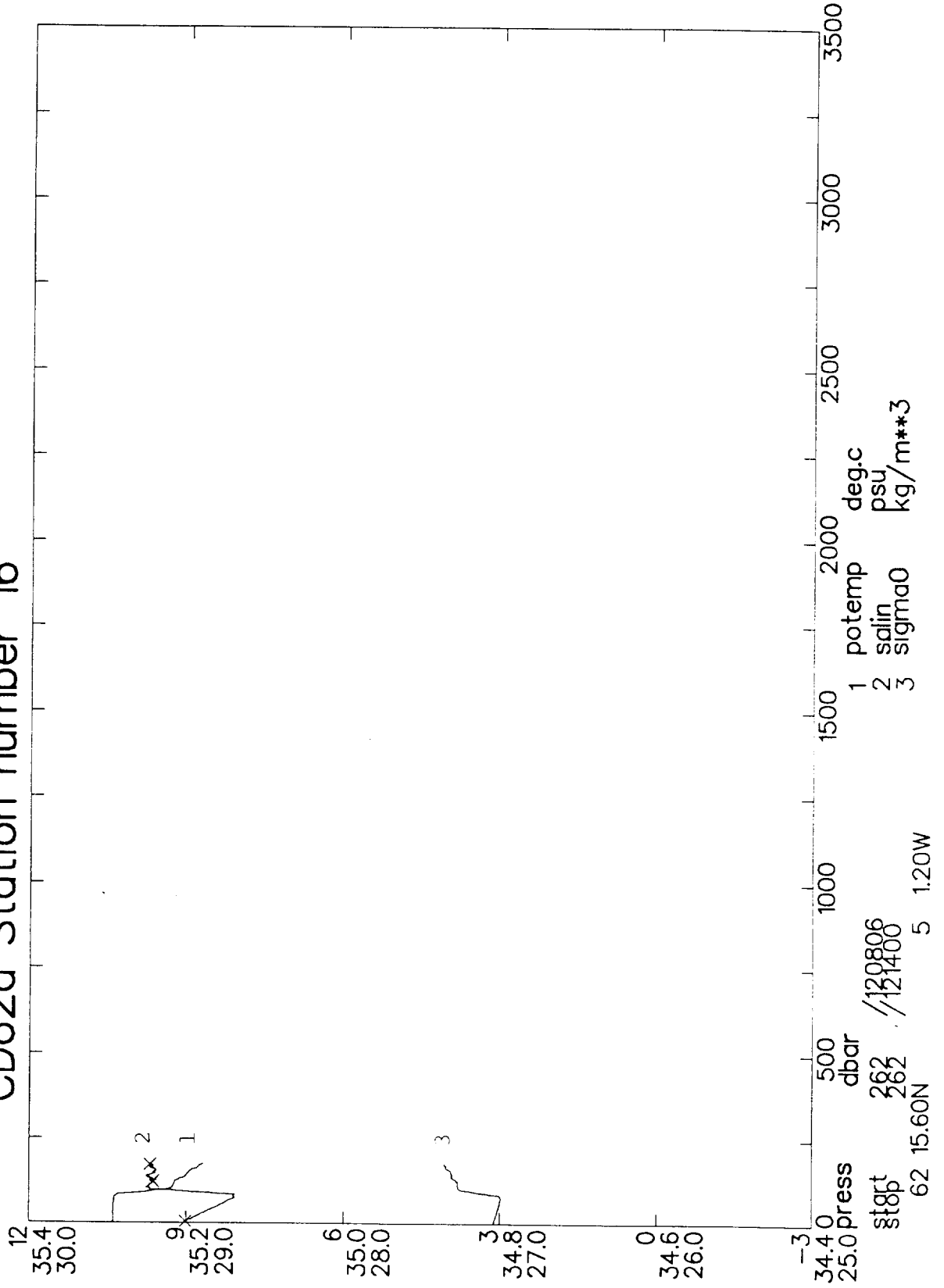
Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kgm ⁻³	dynht dyn m
1	10.5024	34.8031	10.5023	26.9585	0.0214
7	9.0305	34.8019	9.0297	26.9583	0.0343
13	9.0352	34.8048	9.0338	26.9599	0.0409
19	9.0431	34.8143	9.0411	26.9661	0.0472
25	9.0466	34.8173	9.0439	26.9680	0.0541
31	9.0623	34.8271	9.0590	26.9733	0.0605
37	9.0640	34.8301	9.0600	26.9755	0.0668
43	9.0855	34.8401	9.0809	26.9800	0.0730
49	9.1123	34.8527	9.1070	26.9856	0.0798
55	9.1249	34.8574	9.1190	26.9873	0.0862
61	9.1219	34.8690	9.1153	26.9970	0.0931
67	8.9483	34.8859	8.9411	27.0382	0.0985
73	8.0033	35.0982	7.9959	27.3517	0.1041
85	7.8640	35.1810	7.8555	27.4378	0.1122
95	7.8246	35.1946	7.8151	27.4545	0.1187
105	7.8116	35.2029	7.8012	27.4631	0.1250
115	7.7617	35.2011	7.7503	27.4692	0.1311
125	7.7102	35.1972	7.6978	27.4739	0.1375
135	7.6153	35.1912	7.6020	27.4832	0.1438
145	7.5807	35.1917	7.5665	27.4889	0.1497
155	7.5012	35.1875	7.4861	27.4973	0.1557
165	7.3113	35.1688	7.2954	27.5100	0.1620
175	6.9327	35.1057	6.9164	27.5138	0.1678
185	6.0322	35.0580	6.0163	27.5965	0.1734
195	5.8781	35.1003	5.8614	27.6497	0.1784
205	5.5109	35.0756	5.4940	27.6761	0.1829
225	4.6499	35.0078	4.6328	27.7236	0.1911
245	3.2663	34.9363	3.2504	27.8107	0.1979
265	3.1278	34.9377	3.1109	27.8251	0.2036
285	2.9908	34.9467	2.9729	27.8451	0.2093
305	2.8481	34.9472	2.8292	27.8586	0.2145
325	2.6554	34.9495	2.6357	27.8777	0.2195
345	2.4751	34.9514	2.4547	27.8951	0.2240
365	2.1465	34.9383	2.1258	27.9121	0.2284
385	1.8248	34.9262	1.8039	27.9280	0.2322
405	1.7485	34.9225	1.7267	27.9310	0.2359
425	1.3420	34.9034	1.3205	27.9457	0.2395
445	1.0029	34.9001	0.9816	27.9664	0.2425
465	0.8526	34.8981	0.8308	27.9748	0.2453
485	0.6531	34.8890	0.6311	27.9801	0.2480
505	0.4762	34.8910	0.4539	27.9925	0.2505
605	0.0661	34.8903	0.0409	28.0156	0.2604
705	-0.1234	34.8929	-0.1523	28.0279	0.2685
805	-0.3281	34.8964	-0.3605	28.0412	0.2748
905	-0.4331	34.8990	-0.4695	28.0485	0.2797
1005	-0.4948	34.9023	-0.5356	28.0543	0.2838
1105	-0.5582	34.9013	-0.6035	28.0566	0.2872
1205	-0.6390	34.9026	-0.6887	28.0614	0.2898
1305	-0.6778	34.9030	-0.7323	28.0637	0.2918
1405	-0.7122	34.9047	-0.7718	28.0668	0.2931
1505	-0.7577	34.9061	-0.8224	28.0701	0.2940
1605	-0.7939	34.9067	-0.8638	28.0723	0.2942
1705	-0.8216	34.9065	-0.8970	28.0735	0.2939
1805	-0.8377	34.9065	-0.9189	28.0744	0.2932
1905	-0.8541	34.9082	-0.9412	28.0768	0.2920
2005	-0.8706	34.9075	-0.9638	28.0771	0.2904
2105	-0.8740	34.9097	-0.9736	28.0793	0.2885



CD 62A Station number 15

Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m ³	dynht dyn m
1	9.3135	34.9062	9.3133	26.9934	0.0021
7	9.3197	34.9058	9.3189	26.9926	0.0077
13	9.3071	34.9085	9.3057	26.9968	0.0142
19	9.3089	34.9110	9.3068	26.9987	0.0199
25	9.3111	34.9127	9.3083	26.9998	0.0269
31	9.3685	34.9394	9.3651	27.0113	0.0326
37	9.4143	34.9583	9.4102	27.0187	0.0389
43	9.4540	34.9745	9.4492	27.0249	0.0453
49	9.3653	34.9827	9.3599	27.0460	0.0517
55	9.1081	35.0649	9.1020	27.1525	0.0576
61	8.1291	35.0993	8.1229	27.3333	0.0626
67	8.1649	35.1738	8.1582	27.3864	0.0665
73	8.0982	35.1833	8.0908	27.4042	0.0709
85	7.9125	35.1655	7.9040	27.4183	0.0789
95	7.8579	35.1819	7.8484	27.4395	0.0855
105	7.9737	35.2176	7.9631	27.4504	0.0922
115	7.9441	35.2150	7.9325	27.4530	0.0984
125	7.8967	35.2145	7.8841	27.4598	0.1048
135	7.8190	35.2036	7.8055	27.4630	0.1112
145	7.7863	35.1974	7.7719	27.4631	0.1174
155	7.7579	35.2033	7.7425	27.4721	0.1238
165	7.7276	35.2023	7.7112	27.4760	0.1299
175	7.6827	35.1978	7.6653	27.4791	0.1362
185	7.6169	35.1954	7.5987	27.4871	0.1426
195	7.5079	35.1844	7.4888	27.4945	0.1488
205	7.3889	35.1745	7.3690	27.5040	0.1547
225	6.9373	35.1297	6.9163	27.5327	0.1668
245	6.3428	35.0911	6.3210	27.5829	0.1778
265	4.7374	34.9440	4.7171	27.6635	0.1879
285	3.8157	34.9105	3.7959	27.7361	0.1962
305	3.2135	34.9049	3.1938	27.7911	0.2031
325	3.0354	34.9223	3.0147	27.8218	0.2092
345	3.0877	34.9548	3.0656	27.8430	0.2150
365	3.0500	34.9598	3.0267	27.8506	0.2204
385	2.9072	34.9602	2.8829	27.8641	0.2259
405	2.8002	34.9598	2.7749	27.8736	0.2309
425	2.5881	34.9603	2.5622	27.8928	0.2359
445	2.3161	34.9517	2.2899	27.9093	0.2403
465	2.1819	34.9458	2.1550	27.9158	0.2445
485	1.7883	34.9355	1.7617	27.9388	0.2484
505	1.3177	34.8989	1.2919	27.9441	0.2521
605	0.3659	34.8986	0.3392	28.0055	0.2656
705	-0.0290	34.8997	-0.0584	28.0285	0.2742
805	-0.3015	34.9028	-0.3341	28.0450	0.2804
905	-0.4221	34.9058	-0.4586	28.0534	0.2849
1005	-0.4899	34.9062	-0.5308	28.0572	0.2887
1105	-0.5730	34.9064	-0.6182	28.0614	0.2917
1205	-0.6576	34.9072	-0.7071	28.0660	0.2938
1305	-0.6997	34.9085	-0.7540	28.0691	0.2952
1405	-0.7392	34.9092	-0.7985	28.0716	0.2961
1505	-0.7648	34.9085	-0.8293	28.0724	0.2965
1605	-0.7942	34.9092	-0.8641	28.0744	0.2966
1705	-0.8152	34.9089	-0.8906	28.0753	0.2961
1805	-0.8252	34.9094	-0.9066	28.0763	0.2954
1905	-0.8370	34.9081	-0.9244	28.0759	0.2943
2005	-0.8515	34.9085	-0.9450	28.0771	0.2929

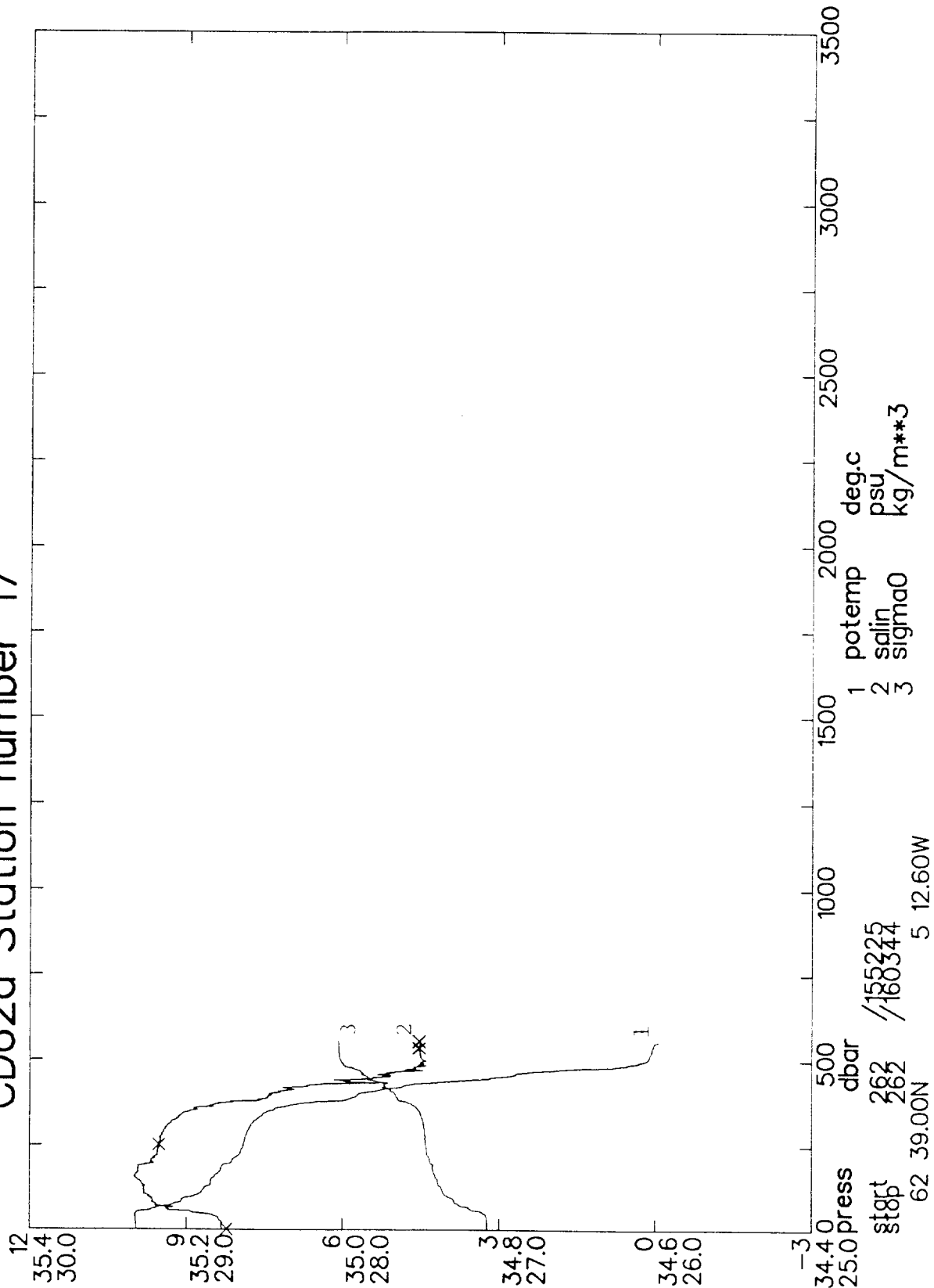
CD62a Station number 16



CD 62A Station number 16

Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m ³	dynht dyn m
1	10.4082	35.2012	10.4080	27.0382	0.0016
7	10.4022	35.1993	10.4014	27.0379	0.0066
13	10.4015	35.1932	10.4000	27.0334	0.0135
19	10.4012	35.1883	10.3989	27.0297	0.0195
25	10.4016	35.1832	10.3986	27.0258	0.0254
31	10.4068	35.1774	10.4031	27.0205	0.0317
37	10.4047	35.1728	10.4003	27.0174	0.0378
43	10.4033	35.1671	10.3983	27.0134	0.0440
49	10.4051	35.1609	10.3993	27.0083	0.0505
55	10.4046	35.1563	10.3981	27.0049	0.0567
61	10.3959	35.1515	10.3887	27.0028	0.0630
67	10.3921	35.1472	10.3843	27.0003	0.0690
73	10.3913	35.1397	10.3827	26.9947	0.0756
85	10.2964	35.1383	10.2864	27.0105	0.0889
95	9.6305	35.2181	9.6197	27.1869	0.0986
105	9.2791	35.2515	9.2674	27.2716	0.1073
115	9.2526	35.2450	9.2398	27.2710	0.1152
125	9.2201	35.2380	9.2064	27.2710	0.1229
135	9.0425	35.2506	9.0278	27.3100	0.1313
145	9.0088	35.2425	8.9931	27.3092	0.1387
155	8.9418	35.2381	8.9250	27.3168	0.1469
165	8.7897	35.2463	8.7720	27.3477	0.1541
175	8.7104	35.2451	8.6917	27.3595	0.1621

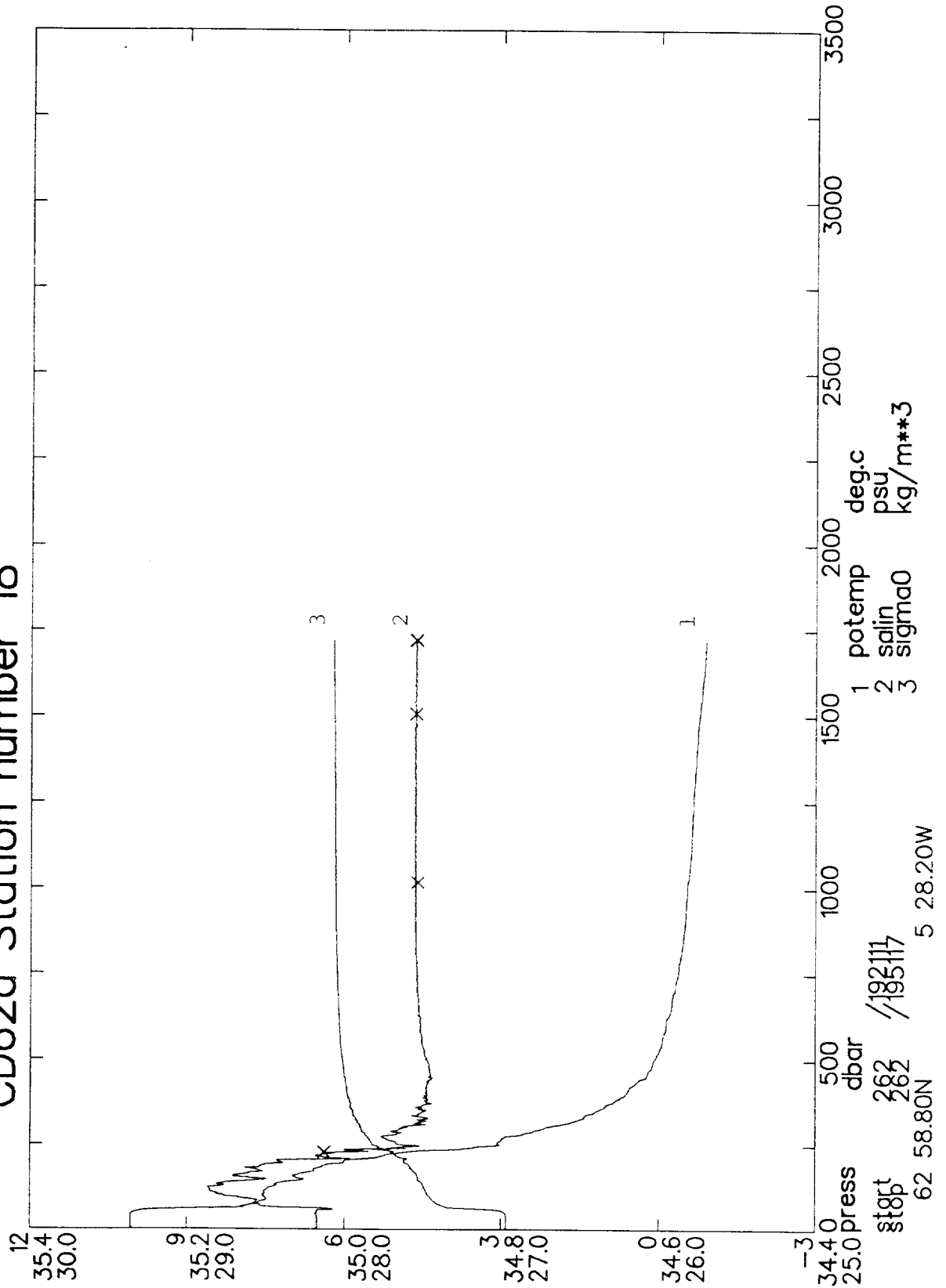
CD62a Station number 17



CD 62A Station number 17

Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m ³	dynht dyn m
3	9.9590	35.1549	9.9586	27.0801	0.0412
9	9.9599	35.1562	9.9588	27.0811	0.0467
15	9.9639	35.1559	9.9622	27.0802	0.0527
21	9.9628	35.1547	9.9603	27.0796	0.0589
27	9.9703	35.1584	9.9673	27.0813	0.0639
33	9.9755	35.1592	9.9717	27.0812	0.0702
39	9.9785	35.1620	9.9740	27.0830	0.0760
45	9.9850	35.1697	9.9799	27.0880	0.0817
51	9.9582	35.1935	9.9523	27.1113	0.0877
57	9.7298	35.2241	9.7233	27.1742	0.0934
63	9.6241	35.2251	9.6170	27.1929	0.0989
69	9.5000	35.2264	9.4923	27.2148	0.1036
75	9.2836	35.2394	9.2753	27.2608	0.1088
85	9.1128	35.2426	9.1036	27.2915	0.1167
95	9.0082	35.2468	8.9979	27.3119	0.1251
105	8.7942	35.2511	8.7830	27.3497	0.1324
115	8.7130	35.2539	8.7007	27.3650	0.1397
125	8.6687	35.2544	8.6554	27.3725	0.1466
135	8.5555	35.2566	8.5413	27.3922	0.1537
145	8.5524	35.2593	8.5371	27.3950	0.1609
155	8.5127	35.2660	8.4964	27.4066	0.1679
165	8.4486	35.2643	8.4313	27.4154	0.1750
175	8.3788	35.2610	8.3605	27.4238	0.1819
185	8.3535	35.2608	8.3342	27.4278	0.1888
195	8.2910	35.2518	8.2708	27.4305	0.1949
205	8.1511	35.2449	8.1300	27.4466	0.2022
225	8.0032	35.2369	7.9803	27.4630	0.2157
245	7.9484	35.2351	7.9235	27.4701	0.2283
265	7.9173	35.2335	7.8904	27.4738	0.2410
285	7.8741	35.2306	7.8452	27.4783	0.2544
305	7.8177	35.2253	7.7869	27.4828	0.2673
325	7.7300	35.2157	7.6974	27.4885	0.2800
345	7.5688	35.2053	7.5346	27.5043	0.2929
365	7.1667	35.1663	7.1314	27.5314	0.3057
385	5.9955	35.1059	5.9617	27.6414	0.3092
405	5.6363	35.0851	5.6019	27.6703	0.3187
425	4.8884	35.0452	4.8548	27.7280	0.3273
445	3.5067	34.9705	3.4763	27.8161	0.3350
465	2.5241	34.9431	2.4959	27.8849	0.3405
485	0.6154	34.8939	0.5935	27.9864	0.3444
505	0.1589	34.8988	0.1379	28.0171	0.3464

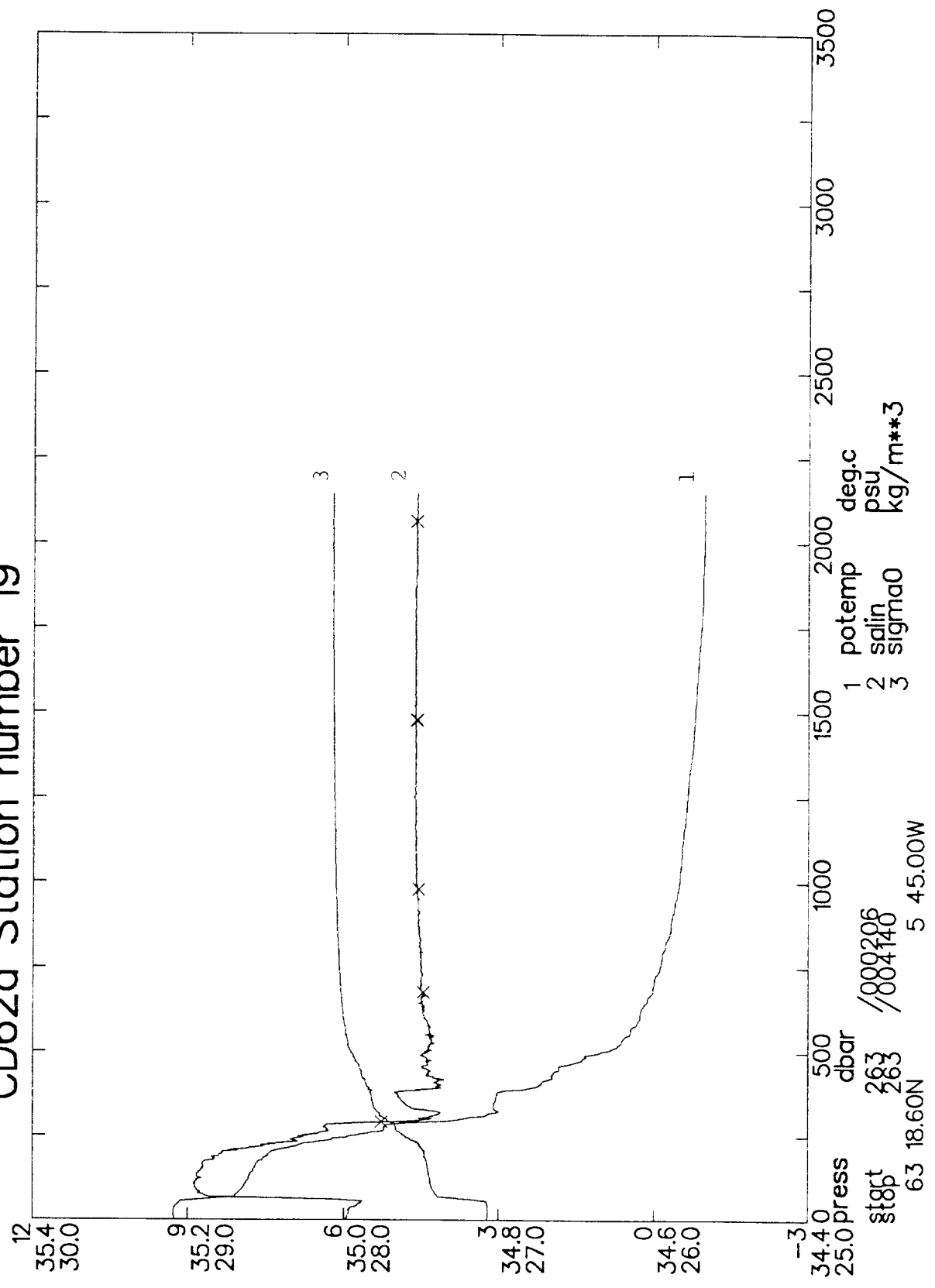
CD62a Station number 18



CD 62A Station number 18

Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m ³	dynht dyn m
1	10.0507	35.0417	10.0505	26.9759	-0.0125
7	10.0630	35.0354	10.0622	26.9690	-0.0072
13	10.0648	35.0356	10.0633	26.9689	-0.0003
19	10.0654	35.0355	10.0633	26.9689	0.0060
25	10.0653	35.0354	10.0624	26.9689	0.0126
31	10.0657	35.0353	10.0622	26.9689	0.0192
37	10.0681	35.0359	10.0638	26.9691	0.0257
43	10.0660	35.0374	10.0610	26.9708	0.0323
49	10.0089	35.0351	10.0033	26.9789	0.0387
55	9.8384	35.0356	9.8321	27.0084	0.0452
61	8.6391	35.0230	8.6327	27.1947	0.0505
67	7.9924	35.1018	7.9857	27.3560	0.0559
73	7.8263	35.1080	7.8191	27.3858	0.0599
85	7.5600	35.1135	7.5517	27.4295	0.0680
95	7.5326	35.1358	7.5234	27.4512	0.0742
105	7.5474	35.1603	7.5372	27.4685	0.0809
115	7.5234	35.1702	7.5121	27.4799	0.0870
125	7.4012	35.1600	7.3891	27.4897	0.0931
135	7.3138	35.1549	7.3009	27.4983	0.0989
145	6.8643	35.1128	6.8509	27.5284	0.1048
155	7.0058	35.1418	6.9912	27.5318	0.1108
165	6.8758	35.1219	6.8605	27.5343	0.1161
175	6.5987	35.1094	6.5828	27.5624	0.1219
185	6.4619	35.1098	6.4453	27.5812	0.1274
195	6.1763	35.0825	6.1593	27.5973	0.1324
205	5.9972	35.0852	5.9796	27.6227	0.1371
225	5.0338	35.0138	5.0161	27.6844	0.1465
245	3.4199	34.9209	3.4038	27.7836	0.1540
265	3.0122	34.9450	2.9955	27.8417	0.1596
285	2.5068	34.9267	2.4900	27.8722	0.1649
305	2.0751	34.9222	2.0581	27.9047	0.1693
325	1.5330	34.8959	1.5164	27.9255	0.1732
345	1.2604	34.9014	1.2433	27.9496	0.1767
365	1.0426	34.9010	1.0252	27.9642	0.1798
385	0.8280	34.8939	0.8103	27.9728	0.1825
405	0.6292	34.8956	0.6112	27.9867	0.1851
425	0.5432	34.8946	0.5245	27.9912	0.1874
445	0.3584	34.8882	0.3394	27.9971	0.1897
465	0.2309	34.8909	0.2114	28.0066	0.1917
485	0.1486	34.8916	0.1286	28.0118	0.1935
505	0.0901	34.8956	0.0694	28.0182	0.1953
605	-0.1204	34.9032	-0.1447	28.0358	0.2027
705	-0.2868	34.9073	-0.3148	28.0477	0.2084
805	-0.3946	34.9086	-0.4266	28.0543	0.2130
905	-0.4675	34.9096	-0.5037	28.0587	0.2168
1005	-0.5043	34.9093	-0.5451	28.0603	0.2200
1105	-0.5724	34.9101	-0.6176	28.0643	0.2227
1205	-0.5907	34.9098	-0.6409	28.0652	0.2249
1305	-0.6261	34.9091	-0.6812	28.0664	0.2268
1405	-0.6650	34.9099	-0.7252	28.0690	0.2282
1505	-0.7137	34.9095	-0.7789	28.0710	0.2291
1605	-0.7777	34.9096	-0.8478	28.0740	0.2293
1705	-0.8189	34.9091	-0.8943	28.0755	0.2289

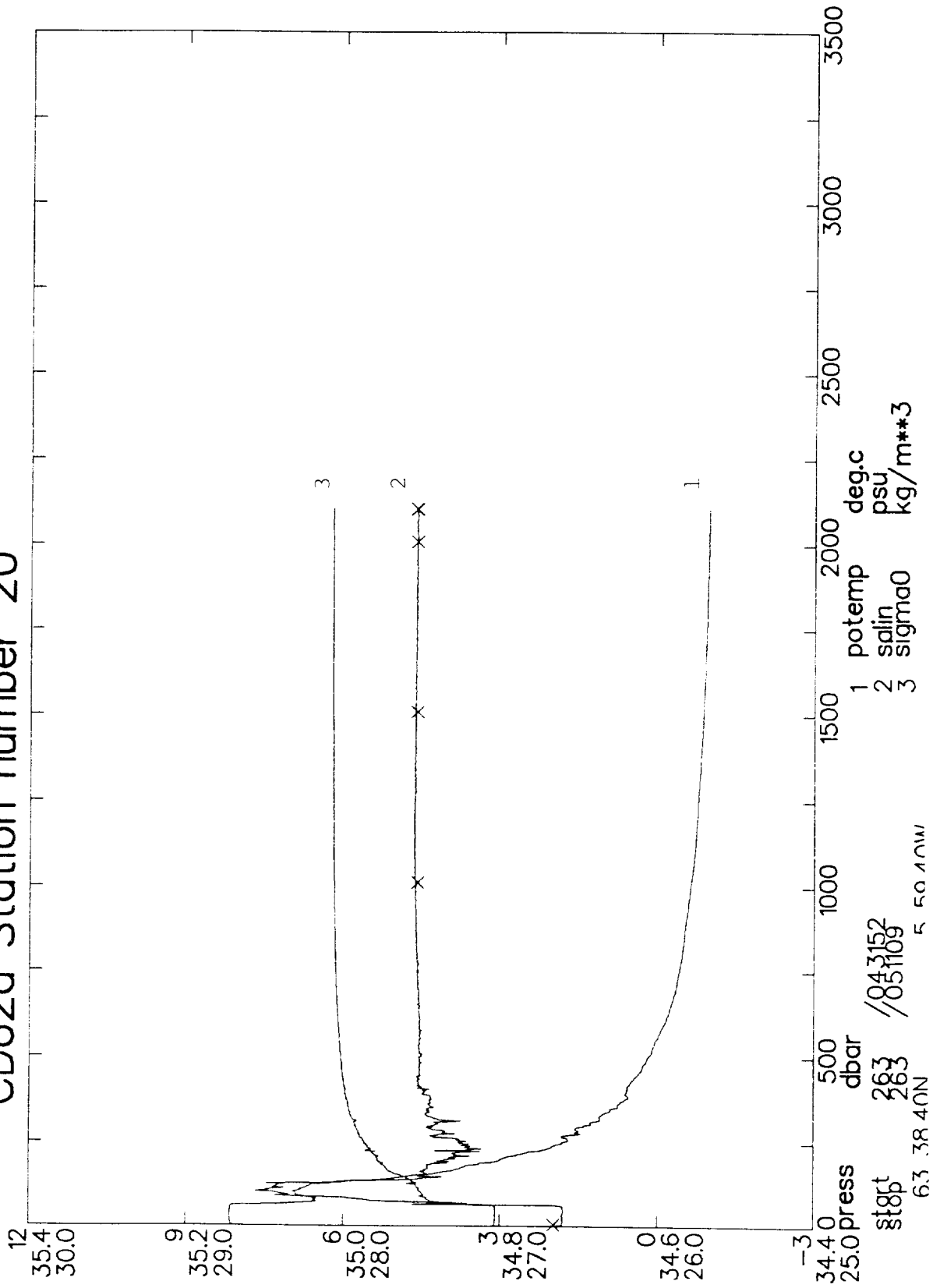
CD62a Station number 19



CD 62A Station number 19

Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m**3	dynht dyn m
3	9.2686	34.9974	9.2681	27.0726	0.0038
9	9.2789	34.9959	9.2780	27.0699	0.0087
15	9.2794	34.9956	9.2778	27.0696	0.0145
21	9.2748	34.9934	9.2725	27.0688	0.0202
27	9.2726	34.9938	9.2696	27.0696	0.0263
33	9.2718	34.9929	9.2682	27.0691	0.0327
39	9.2528	34.9892	9.2485	27.0694	0.0383
45	9.2068	34.9836	9.2018	27.0727	0.0446
51	9.1818	34.9792	9.1762	27.0733	0.0501
57	9.1440	34.9766	9.1378	27.0776	0.0565
63	8.6400	35.0375	8.6334	27.2059	0.0620
69	8.1242	35.1722	8.1172	27.3914	0.0665
75	8.0875	35.1795	8.0799	27.4028	0.0706
85	8.0162	35.1847	8.0077	27.4179	0.0771
95	7.9570	35.1899	7.9474	27.4310	0.0838
105	7.9140	35.1908	7.9035	27.4383	0.0903
115	7.8834	35.1888	7.8719	27.4415	0.0969
125	7.8369	35.1862	7.8244	27.4465	0.1038
135	7.8142	35.1883	7.8007	27.4517	0.1102
145	7.7634	35.1836	7.7491	27.4557	0.1164
155	7.7292	35.1818	7.7138	27.4594	0.1230
165	7.7031	35.1799	7.6868	27.4619	0.1292
175	7.6463	35.1767	7.6290	27.4679	0.1357
185	7.5632	35.1662	7.5451	27.4719	0.1421
195	7.4702	35.1588	7.4512	27.4797	0.1483
205	7.3676	35.1364	7.3478	27.4770	0.1544
225	6.8414	35.0882	6.8205	27.5132	0.1671
245	5.9988	35.0553	5.9776	27.5993	0.1783
265	5.2756	35.0199	5.2542	27.6610	0.1876
285	5.1519	35.0220	5.1291	27.6775	0.1970
305	3.6341	34.8998	3.6133	27.7461	0.2053
325	3.0217	34.8804	3.0011	27.7896	0.2120
345	3.1140	34.9204	3.0918	27.8130	0.2183
365	3.0650	34.9294	3.0416	27.8249	0.2244
385	2.9546	34.9280	2.9302	27.8341	0.2303
405	2.2249	34.8770	2.2016	27.8568	0.2358
425	1.9827	34.8850	1.9590	27.8829	0.2408
445	1.8847	34.8891	1.8602	27.8939	0.2454
465	1.6960	34.8922	1.6710	27.9109	0.2499
485	1.3443	34.8967	1.3195	27.9404	0.2536
505	0.9662	34.8869	0.9418	27.9585	0.2570
605	0.3122	34.8965	0.2857	28.0068	0.2691
705	0.0403	34.9006	0.0104	28.0255	0.2779
805	-0.1678	34.9005	-0.2012	28.0365	0.2849
905	-0.3128	34.9047	-0.3501	28.0474	0.2904
1005	-0.4510	34.9069	-0.4922	28.0559	0.2946
1105	-0.4908	34.9081	-0.5368	28.0590	0.2980
1205	-0.5631	34.9076	-0.6135	28.0621	0.3007
1305	-0.6134	34.9080	-0.6687	28.0650	0.3029
1405	-0.6874	34.9073	-0.7473	28.0678	0.3043
1505	-0.7263	34.9084	-0.7913	28.0706	0.3052
1605	-0.7657	34.9080	-0.8359	28.0722	0.3055
1705	-0.8067	34.9085	-0.8824	28.0745	0.3053
1805	-0.8439	34.9083	-0.9250	28.0761	0.3045
1905	-0.8524	34.9069	-0.9395	28.0756	0.3033
2005	-0.8732	34.9069	-0.9663	28.0767	0.3019
2105	-0.8685	34.9064	-0.9681	28.0763	0.3001

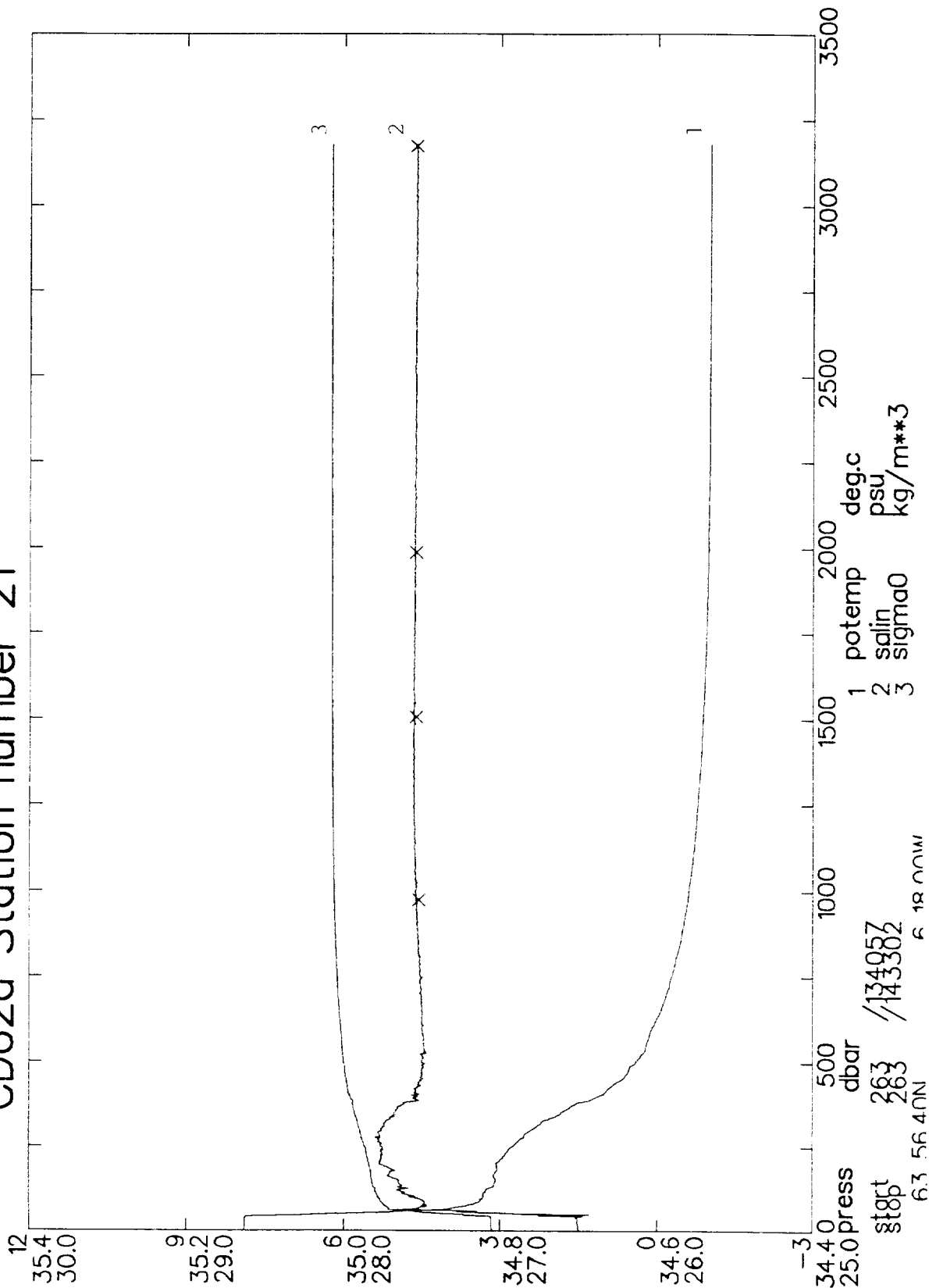
CD62a Station number 20



CD 62A Station number 20

Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m ³	dynht dyn m
1	8.0939	34.7433	8.0937	27.0581	0.0017
7	8.1518	34.7217	8.1511	27.0325	0.0072
13	8.1609	34.7209	8.1596	27.0306	0.0133
19	8.1657	34.7211	8.1637	27.0302	0.0194
25	8.1693	34.7208	8.1668	27.0295	0.0252
31	8.1720	34.7220	8.1689	27.0300	0.0313
37	8.1737	34.7209	8.1700	27.0291	0.0378
43	8.1657	34.7200	8.1613	27.0297	0.0443
49	8.1656	34.7199	8.1607	27.0296	0.0497
55	8.1660	34.7211	8.1605	27.0306	0.0564
61	8.1376	34.7244	8.1315	27.0376	0.0618
67	6.9851	34.8412	6.9789	27.2966	0.0578
73	6.5289	34.9368	6.5224	27.4343	0.0613
85	6.6651	35.0018	6.6574	27.4674	0.0688
95	6.9220	35.0763	6.9133	27.4911	0.0744
105	6.9071	35.1029	6.8974	27.5142	0.0808
115	6.7294	35.0907	6.7189	27.5292	0.0864
125	6.6031	35.0763	6.5918	27.5351	0.0920
135	5.8198	34.9833	5.8084	27.5638	0.0976
145	4.9864	34.8922	4.9752	27.5927	0.1027
155	4.4528	34.9010	4.4414	27.6601	0.1077
165	3.9581	34.8979	3.9466	27.7106	0.1116
175	3.7511	34.8925	3.7392	27.7276	0.1154
185	3.4333	34.8889	3.4212	27.7564	0.1190
195	3.0674	34.8794	3.0552	27.7837	0.1225
205	2.9004	34.8651	2.8878	27.7877	0.1255
225	2.2663	34.8831	2.2536	27.8574	0.1316
245	1.9068	34.8393	1.8936	27.8514	0.1370
265	1.8252	34.8826	1.8111	27.8925	0.1416
285	1.5257	34.8760	1.5112	27.9099	0.1459
305	1.2918	34.8788	1.2768	27.9291	0.1497
325	1.1199	34.8892	1.1043	27.9494	0.1530
345	0.9246	34.8908	0.9085	27.9638	0.1561
365	0.7810	34.8915	0.7644	27.9738	0.1588
385	0.5828	34.8871	0.5658	27.9827	0.1614
405	0.6121	34.8965	0.5941	27.9885	0.1638
425	0.5502	34.9037	0.5315	27.9981	0.1661
445	0.4449	34.9031	0.4256	28.0040	0.1682
465	0.3278	34.9026	0.3081	28.0105	0.1701
485	0.2515	34.9015	0.2311	28.0140	0.1721
505	0.1853	34.9003	0.1642	28.0168	0.1738
605	-0.1220	34.9027	-0.1462	28.0355	0.1814
705	-0.3297	34.9054	-0.3574	28.0482	0.1871
805	-0.4420	34.9069	-0.4736	28.0551	0.1916
905	-0.5091	34.9077	-0.5450	28.0591	0.1952
1005	-0.5825	34.9088	-0.6226	28.0635	0.1981
1105	-0.6635	34.9106	-0.7079	28.0688	0.2002
1205	-0.7027	34.9096	-0.7518	28.0699	0.2016
1305	-0.7343	34.9088	-0.7882	28.0709	0.2027
1405	-0.7706	34.9096	-0.8295	28.0732	0.2032
1505	-0.7987	34.9092	-0.8629	28.0743	0.2034
1605	-0.8197	34.9090	-0.8893	28.0752	0.2032
1705	-0.8309	34.9085	-0.9062	28.0755	0.2026
1805	-0.8438	34.9083	-0.9249	28.0761	0.2017
1905	-0.8528	34.9082	-0.9399	28.0767	0.2006
2005	-0.8615	34.9075	-0.9548	28.0767	0.1991
2105	-0.8663	34.9063	-0.9660	28.0762	0.1974

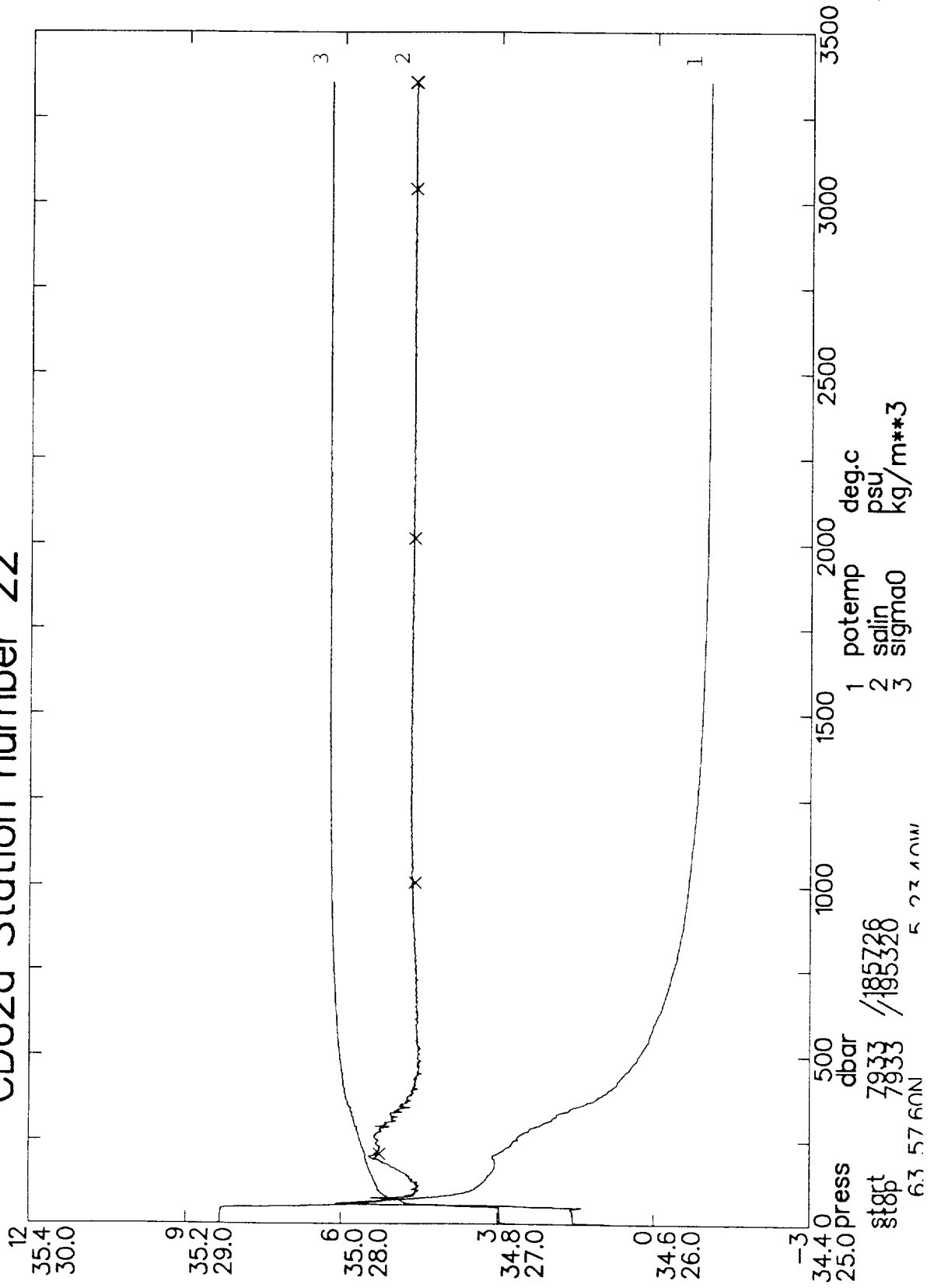
CD62a Station number 21



CD 62A Station number 21

Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m ³	dynht dyn m
3	7.9002	34.6984	7.8999	27.0519	0.0034
9	7.8933	34.7004	7.8924	27.0546	0.0094
15	7.8929	34.7006	7.8915	27.0549	0.0147
21	7.8937	34.7009	7.8917	27.0551	0.0213
27	7.8872	34.7020	7.8845	27.0570	0.0269
33	7.8937	34.7010	7.8904	27.0554	0.0331
39	7.8822	34.7017	7.8784	27.0577	0.0390
45	7.6516	34.6949	7.6472	27.0862	0.0452
51	6.1411	34.7810	6.1368	27.3621	0.0499
57	5.0817	34.8554	5.0773	27.5516	0.0540
63	4.1578	34.9336	4.1534	27.7172	0.0570
69	3.9140	34.9060	3.9093	27.7209	0.0590
75	3.6730	34.9017	3.6680	27.7421	0.0612
85	3.4494	34.8981	3.4439	27.7615	0.0647
95	3.3946	34.9030	3.3885	27.7708	0.0679
105	3.3200	34.9119	3.3132	27.7852	0.0713
115	3.3221	34.9221	3.3147	27.7932	0.0743
125	3.2712	34.9271	3.2632	27.8022	0.0774
135	3.1315	34.9257	3.1230	27.8143	0.0802
145	3.1135	34.9304	3.1044	27.8198	0.0830
155	3.1000	34.9365	3.0902	27.8260	0.0858
165	3.1392	34.9430	3.1288	27.8276	0.0885
175	3.1008	34.9423	3.0898	27.8307	0.0913
185	3.0588	34.9420	3.0473	27.8345	0.0941
195	3.0684	34.9506	3.0561	27.8405	0.0968
205	3.0472	34.9554	3.0344	27.8463	0.0994
225	2.9213	34.9503	2.9074	27.8540	0.1046
245	2.8319	34.9509	2.8169	27.8627	0.1097
265	2.6737	34.9554	2.6578	27.8806	0.1145
285	2.5483	34.9554	2.5314	27.8916	0.1190
305	2.3686	34.9514	2.3509	27.9039	0.1233
325	2.2139	34.9466	2.1954	27.9130	0.1275
345	1.9089	34.9342	1.8901	27.9278	0.1313
365	1.7152	34.9309	1.6958	27.9402	0.1350
385	1.4766	34.9116	1.4568	27.9424	0.1384
405	1.1213	34.9058	1.1016	27.9630	0.1415
425	0.9473	34.9077	0.9272	27.9762	0.1443
445	0.7644	34.9022	0.7439	27.9837	0.1469
465	0.6168	34.9009	0.5959	27.9919	0.1493
485	0.5591	34.9000	0.5374	27.9948	0.1515
505	0.4230	34.9004	0.4009	28.0033	0.1538
605	0.1146	34.8998	0.0892	28.0206	0.1629
705	-0.1564	34.9017	-0.1851	28.0367	0.1701
805	-0.3270	34.9043	-0.3594	28.0475	0.1757
905	-0.4747	34.9063	-0.5108	28.0563	0.1799
1005	-0.5674	34.9084	-0.6076	28.0625	0.1829
1105	-0.6466	34.9100	-0.6911	28.0675	0.1851
1205	-0.7027	34.9114	-0.7518	28.0714	0.1866
1305	-0.7489	34.9119	-0.8028	28.0739	0.1874
1405	-0.7896	34.9116	-0.8484	28.0756	0.1877
1505	-0.8132	34.9119	-0.8772	28.0771	0.1875
1605	-0.8392	34.9115	-0.9085	28.0781	0.1869
1705	-0.8587	34.9111	-0.9336	28.0787	0.1860
1805	-0.8700	34.9108	-0.9507	28.0792	0.1847
1905	-0.8782	34.9112	-0.9650	28.0801	0.1831
2005	-0.8856	34.9105	-0.9785	28.0802	0.1812
2105	-0.8842	34.9099	-0.9836	28.0798	0.1791
2205	-0.8904	34.9096	-0.9963	28.0801	0.1768
2305	-0.8891	34.9095	-1.0019	28.0803	0.1742
2405	-0.8871	34.9098	-1.0068	28.0807	0.1714
2505	-0.8807	34.9096	-1.0077	28.0805	0.1685
2605	-0.8741	34.9098	-1.0086	28.0807	0.1653
2705	-0.8667	34.9092	-1.0088	28.0803	0.1621
2805	-0.8597	34.9092	-1.0095	28.0803	0.1588
2905	-0.8522	34.9087	-1.0100	28.0799	0.1553
3005	-0.8452	34.9090	-1.0111	28.0802	0.1517
3105	-0.8375	34.9086	-1.0116	28.0799	0.1481

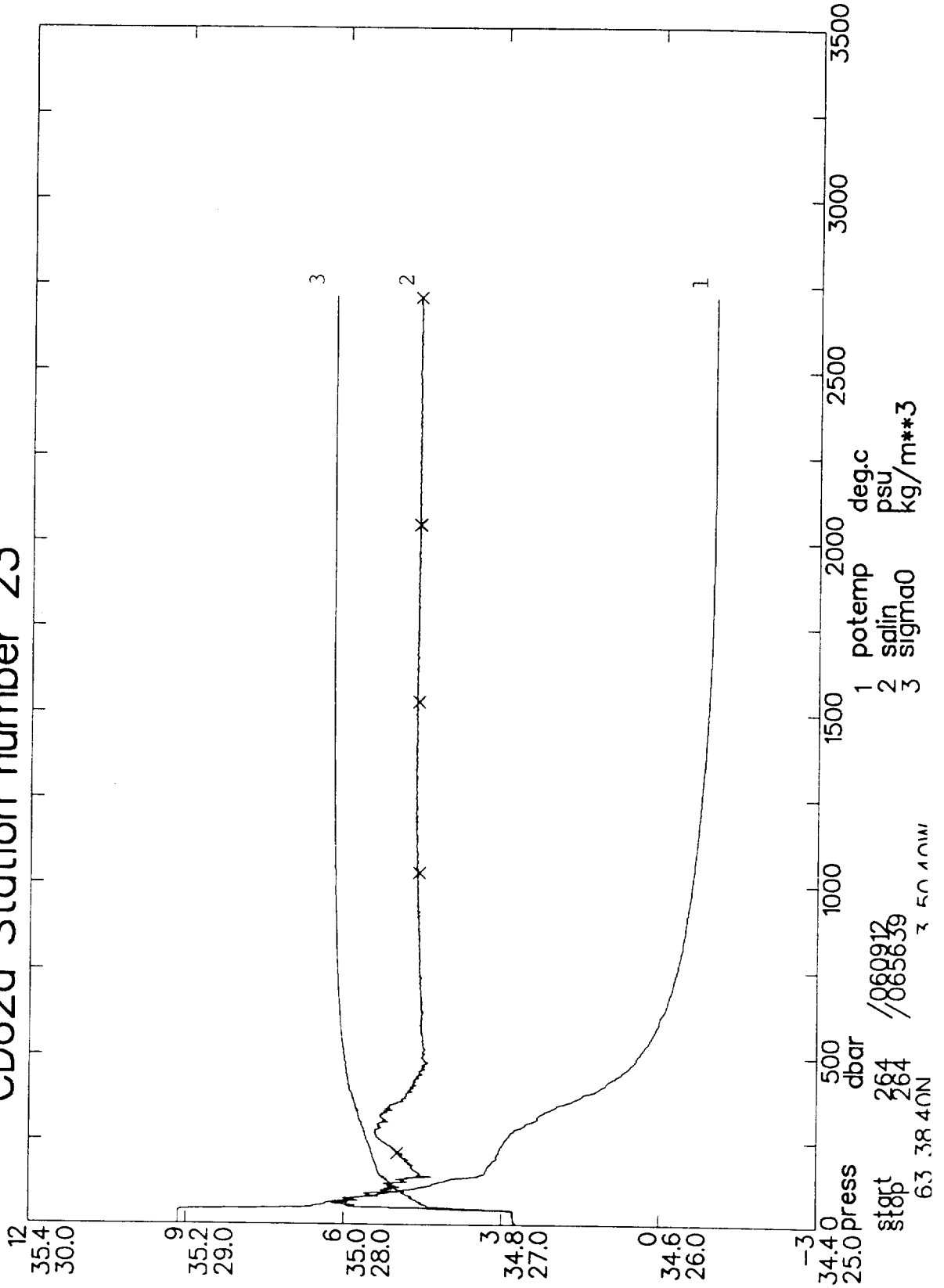
CD62a Station number 22



CD 62A Station number 22

Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m ³	dynht dynm
1	8.4061	34.6473	8.4059	26.9352	0.0282
7	8.3516	34.7034	8.3510	26.9877	0.0329
13	8.3481	34.7034	8.3468	26.9883	0.0400
19	8.3482	34.7033	8.3463	26.9884	0.0457
25	8.3446	34.7040	8.3420	26.9895	0.0531
31	8.3461	34.7041	8.3429	26.9895	0.0592
37	8.3363	34.7050	8.3325	26.9918	0.0655
43	8.3306	34.7067	8.3262	26.9941	0.0721
49	8.2385	34.6930	8.2335	26.9975	0.0785
55	6.5366	34.8299	6.5318	27.3487	0.0831
61	5.8348	35.0068	5.8297	27.5798	0.0867
67	5.2677	34.9636	5.2623	27.6155	0.0903
73	4.8377	34.9331	4.8321	27.6416	0.0928
85	3.9565	34.9178	3.9507	27.7260	0.0975
95	3.6349	34.9059	3.6286	27.7494	0.1012
105	3.4498	34.9074	3.4429	27.7690	0.1046
115	3.3785	34.9007	3.3711	27.7707	0.1078
125	3.2959	34.9061	3.2879	27.7830	0.1110
135	3.2284	34.9127	3.2198	27.7948	0.1142
145	3.1943	34.9166	3.1851	27.8012	0.1171
155	3.1355	34.9213	3.1257	27.8105	0.1203
165	3.0931	34.9286	3.0827	27.8205	0.1229
175	3.0754	34.9372	3.0645	27.8290	0.1260
185	3.0752	34.9469	3.0636	27.8368	0.1287
195	3.0992	34.9570	3.0869	27.8427	0.1312
205	3.1108	34.9620	3.0979	27.8457	0.1340
225	2.8761	34.9520	2.8623	27.8594	0.1391
245	2.7295	34.9545	2.7147	27.8748	0.1440
265	2.6080	34.9571	2.5922	27.8877	0.1485
285	2.3858	34.9507	2.3693	27.9017	0.1528
305	2.0774	34.9356	2.0604	27.9153	0.1569
325	1.8819	34.9371	1.8642	27.9320	0.1608
345	1.6149	34.9217	1.5969	27.9402	0.1642
365	1.2606	34.9175	1.2425	27.9625	0.1674
385	1.0040	34.9121	0.9857	27.9759	0.1703
405	0.8342	34.9086	0.8155	27.9843	0.1729
425	0.7174	34.9046	0.6981	27.9885	0.1753
445	0.6094	34.9035	0.5895	27.9944	0.1776
465	0.4801	34.9018	0.4597	28.0009	0.1799
485	0.3597	34.9012	0.3389	28.0075	0.1820
505	0.2852	34.9017	0.2637	28.0123	0.1839
605	-0.0200	34.9061	-0.0447	28.0329	0.1920
705	-0.2510	34.9052	-0.2791	28.0442	0.1982
805	-0.4182	34.9064	-0.4499	28.0535	0.2029
905	-0.5352	34.9082	-0.5709	28.0607	0.2065
1005	-0.6096	34.9107	-0.6495	28.0663	0.2091
1105	-0.6700	34.9111	-0.7142	28.0695	0.2109
1205	-0.7342	34.9119	-0.7830	28.0731	0.2121
1305	-0.7792	34.9123	-0.8327	28.0756	0.2127
1405	-0.8117	34.9115	-0.8702	28.0765	0.2127
1505	-0.8354	34.9128	-0.8991	28.0788	0.2123
1605	-0.8567	34.9116	-0.9258	28.0789	0.2115
1705	-0.8720	34.9116	-0.9467	28.0797	0.2104
1805	-0.8820	34.9115	-0.9626	28.0803	0.2090
1905	-0.8926	34.9108	-0.9792	28.0804	0.2073
2005	-0.8979	34.9097	-0.9906	28.0800	0.2053
2105	-0.9012	34.9102	-1.0004	28.0808	0.2030
2205	-0.8997	34.9094	-1.0055	28.0803	0.2005
2305	-0.8962	34.9099	-1.0089	28.0808	0.1979
2405	-0.8902	34.9095	-1.0099	28.0806	0.1951
2505	-0.8822	34.9093	-1.0092	28.0804	0.1921
2605	-0.8767	34.9094	-1.0111	28.0805	0.1890
2705	-0.8697	34.9099	-1.0117	28.0809	0.1857
2805	-0.8621	34.9098	-1.0119	28.0808	0.1823
2905	-0.8541	34.9092	-1.0118	28.0804	0.1788
3005	-0.8461	34.9090	-1.0120	28.0802	0.1751
3105	-0.8378	34.9093	-1.0120	28.0805	0.1713
3205	-0.8297	34.9097	-1.0123	28.0808	0.1675
3305	-0.8211	34.9094	-1.0124	28.0806	0.1636

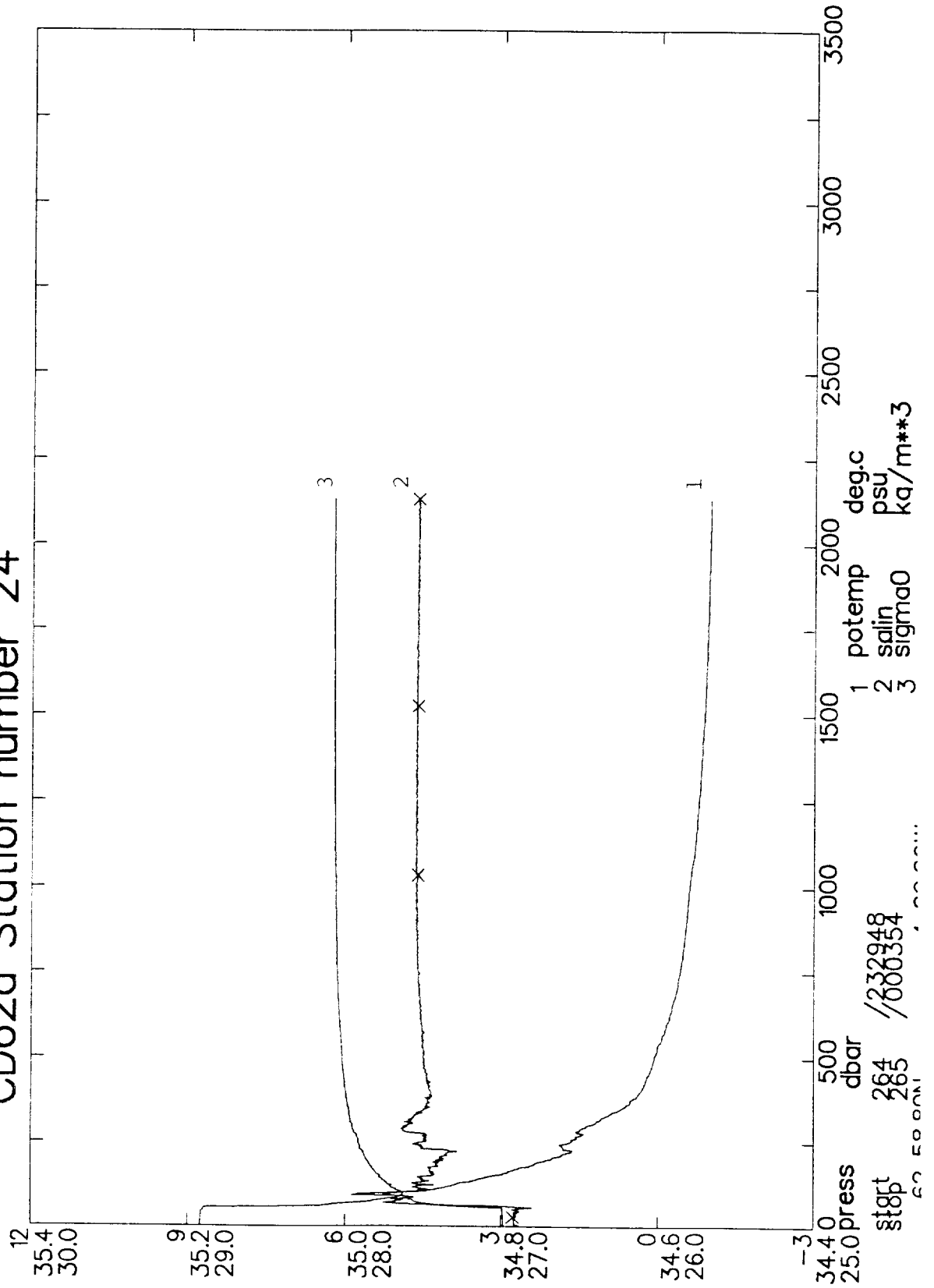
CD62a Station number 23



CD 62A Station number 23

Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m ³	dynht dyn m
5	9.1495	34.7821	9.1489	26.9235	0.0057
11	9.1495	34.7848	9.1482	26.9257	0.0132
17	9.1502	34.7854	9.1484	26.9262	0.0192
23	9.1499	34.7860	9.1474	26.9268	0.0261
29	9.1498	34.7859	9.1467	26.9269	0.0324
35	9.1505	34.7861	9.1467	26.9270	0.0396
41	9.1419	34.7875	9.1374	26.9296	0.0462
47	7.8890	34.8770	7.8843	27.1902	0.0523
53	6.6208	34.9934	6.6160	27.4664	0.0567
59	6.4087	34.9982	6.4035	27.4987	0.0602
65	6.3313	34.9950	6.3256	27.5065	0.0639
71	6.0323	34.9827	6.0262	27.5357	0.0674
85	5.4797	34.9710	5.4728	27.5958	0.0746
95	5.1382	34.9605	5.1307	27.6286	0.0793
105	4.6818	34.9380	4.6740	27.6636	0.0839
115	4.3723	34.9344	4.3640	27.6951	0.0880
125	4.1759	34.9191	4.1671	27.7042	0.0917
135	3.9591	34.9175	3.9498	27.7259	0.0957
145	3.4500	34.9071	3.4405	27.7690	0.0993
155	3.3173	34.9071	3.3073	27.7819	0.1024
165	3.2913	34.9131	3.2807	27.7893	0.1058
175	3.2575	34.9120	3.2463	27.7917	0.1088
185	3.1984	34.9192	3.1866	27.8031	0.1117
195	3.1218	34.9209	3.1094	27.8118	0.1149
205	3.1069	34.9260	3.0940	27.8173	0.1178
225	3.0522	34.9364	3.0380	27.8308	0.1234
245	2.9804	34.9496	2.9651	27.8482	0.1288
265	2.8704	34.9591	2.8540	27.8659	0.1338
285	2.7207	34.9548	2.7034	27.8760	0.1388
305	2.4669	34.9440	2.4489	27.8896	0.1434
325	2.3150	34.9543	2.2962	27.9108	0.1476
345	2.0660	34.9414	2.0467	27.9210	0.1517
365	1.7002	34.9247	1.6808	27.9363	0.1555
385	1.4769	34.9205	1.4572	27.9496	0.1587
405	1.1318	34.9150	1.1121	27.9696	0.1619
425	0.9919	34.9101	0.9716	27.9751	0.1646
445	0.7572	34.9027	0.7368	27.9845	0.1672
465	0.6097	34.9002	0.5888	27.9918	0.1697
485	0.4792	34.8970	0.4579	27.9971	0.1720
505	0.3947	34.8974	0.3727	28.0025	0.1741
605	0.0320	34.9011	0.0069	28.0261	0.1828
705	-0.2221	34.9038	-0.2504	28.0416	0.1894
805	-0.3830	34.9037	-0.4151	28.0497	0.1945
905	-0.4804	34.9067	-0.5165	28.0569	0.1985
1005	-0.5724	34.9077	-0.6126	28.0622	0.2016
1105	-0.6445	34.9092	-0.6891	28.0668	0.2038
1205	-0.7062	34.9103	-0.7552	28.0706	0.2054
1305	-0.7469	34.9095	-0.8007	28.0719	0.2063
1405	-0.7952	34.9105	-0.8538	28.0750	0.2067
1505	-0.8290	34.9105	-0.8928	28.0766	0.2065
1605	-0.8575	34.9099	-0.9266	28.0776	0.2059
1705	-0.8813	34.9094	-0.9559	28.0783	0.2049
1805	-0.8886	34.9077	-0.9690	28.0774	0.2035
1905	-0.8943	34.9082	-0.9808	28.0784	0.2019
2005	-0.9011	34.9084	-0.9938	28.0790	0.2000
2105	-0.8998	34.9078	-0.9989	28.0787	0.1979
2205	-0.8978	34.9080	-1.0036	28.0791	0.1956
2305	-0.8921	34.9080	-1.0048	28.0791	0.1931
2405	-0.8855	34.9083	-1.0053	28.0794	0.1904
2505	-0.8798	34.9080	-1.0068	28.0792	0.1876
2605	-0.8732	34.9078	-1.0077	28.0791	0.1846
2705	-0.8677	34.9083	-1.0097	28.0796	0.1815

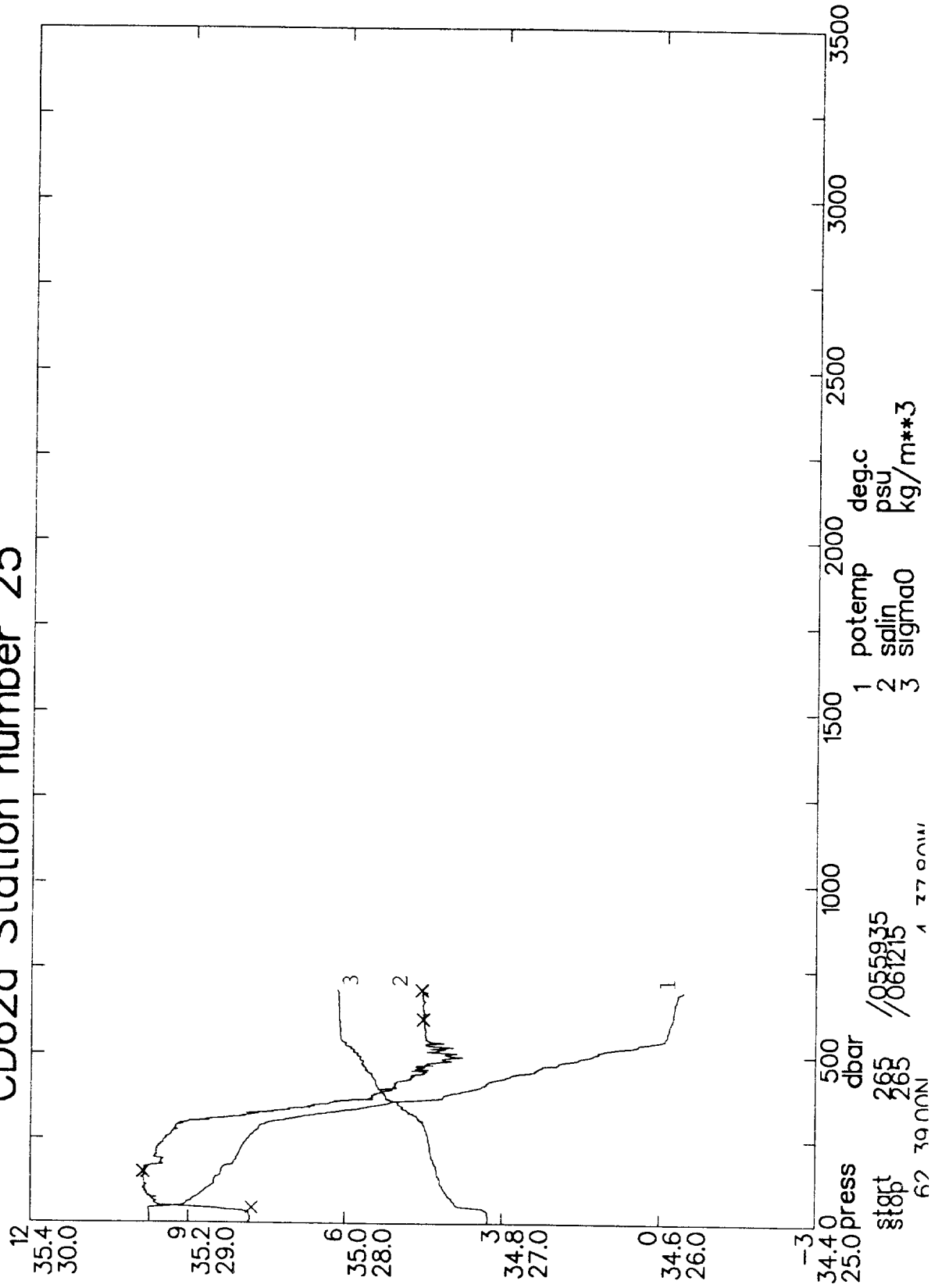
CD62a Station number 24



CD 62A Station number 24

Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m**3	dynht dyn m
3	8.7580	34.7782	8.7577	26.9831	0.0034
9	8.7526	34.7836	8.7517	26.9883	0.0097
15	8.7537	34.7841	8.7522	26.9885	0.0156
21	8.7516	34.7846	8.7495	26.9894	0.0216
27	8.7496	34.7825	8.7468	26.9881	0.0285
33	8.7494	34.7834	8.7459	26.9890	0.0353
39	8.7441	34.7843	8.7400	26.9906	0.0420
45	8.7315	34.7767	8.7267	26.9867	0.0479
51	8.7036	34.7863	8.6982	26.9987	0.0545
57	8.5762	34.7609	8.5703	26.9989	0.0606
63	6.4198	34.8405	6.4143	27.3727	0.0569
69	6.0724	34.9421	6.0665	27.4985	0.0610
75	5.5265	34.9367	5.5204	27.5628	0.0644
85	5.0751	34.9153	5.0685	27.6001	0.0695
95	5.2662	34.9832	5.2587	27.6314	0.0741
105	4.5615	34.8955	4.5538	27.6432	0.0785
115	4.1077	34.9093	4.0996	27.7036	0.0828
125	3.8704	34.9067	3.8618	27.7264	0.0868
135	3.5749	34.8927	3.5659	27.7451	0.0904
145	3.3574	34.9047	3.3481	27.7761	0.0936
155	3.0156	34.8856	3.0060	27.7932	0.0966
165	2.8711	34.8925	2.8611	27.8121	0.0996
175	2.6661	34.8943	2.6558	27.8318	0.1026
185	2.3879	34.8828	2.3773	27.8467	0.1054
195	2.2257	34.8742	2.2148	27.8534	0.1077
205	2.0388	34.8779	2.0276	27.8717	0.1102
225	1.6749	34.8673	1.6633	27.8916	0.1147
245	1.8948	34.9114	1.8817	27.9101	0.1186
265	1.5811	34.8967	1.5676	27.9223	0.1225
285	1.5544	34.9260	1.5398	27.9479	0.1260
305	1.2837	34.9132	1.2688	27.9573	0.1291
325	1.0932	34.9116	1.0777	27.9692	0.1320
345	0.8079	34.8995	0.7922	27.9784	0.1346
365	0.6097	34.8948	0.5936	27.9871	0.1371
385	0.4476	34.8902	0.4311	27.9933	0.1394
405	0.3516	34.8924	0.3345	28.0007	0.1416
425	0.2862	34.8949	0.2684	28.0066	0.1436
445	0.2394	34.8965	0.2209	28.0106	0.1455
465	0.1728	34.8981	0.1536	28.0157	0.1474
485	0.1274	34.9003	0.1074	28.0200	0.1491
505	0.1015	34.9001	0.0808	28.0213	0.1507
605	-0.1418	34.9037	-0.1660	28.0373	0.1580
705	-0.3348	34.9064	-0.3625	28.0494	0.1636
805	-0.4395	34.9078	-0.4711	28.0557	0.1679
905	-0.5049	34.9085	-0.5408	28.0595	0.1714
1005	-0.5592	34.9091	-0.5995	28.0627	0.1743
1105	-0.6506	34.9098	-0.6951	28.0676	0.1766
1205	-0.6971	34.9102	-0.7462	28.0701	0.1781
1305	-0.7441	34.9092	-0.7980	28.0716	0.1791
1405	-0.7756	34.9097	-0.8345	28.0735	0.1796
1505	-0.8144	34.9098	-0.8783	28.0754	0.1796
1605	-0.8347	34.9092	-0.9041	28.0760	0.1792
1705	-0.8524	34.9094	-0.9273	28.0772	0.1784
1805	-0.8655	34.9093	-0.9463	28.0778	0.1773
1905	-0.8681	34.9080	-0.9550	28.0771	0.1759
2005	-0.8781	34.9083	-0.9711	28.0780	0.1743
2105	-0.8822	34.9080	-0.9817	28.0782	0.1723

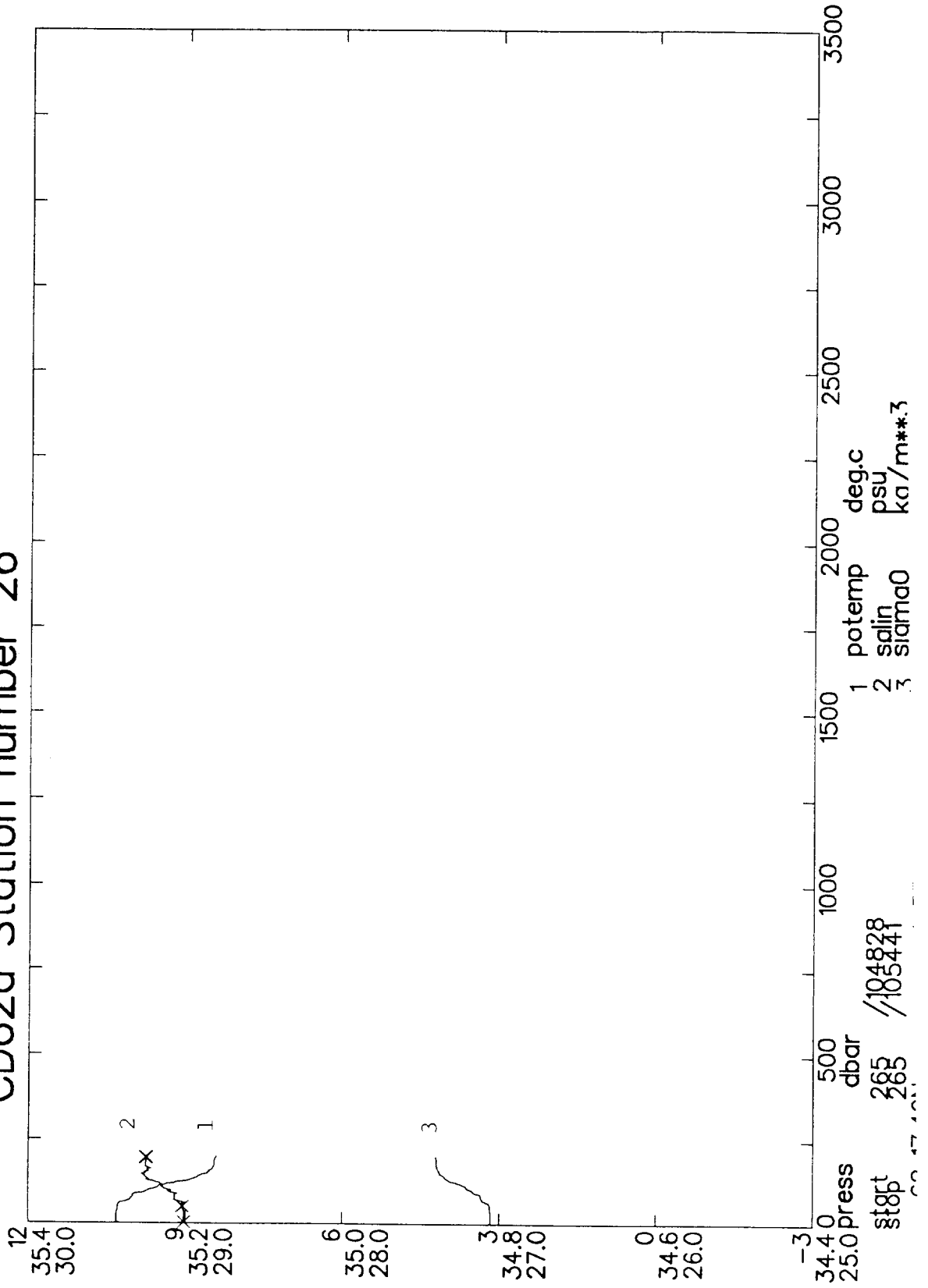
CD62a Station number 25



CD 62A Station number 25

Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m**3	dynht dyn m
3	9.7462	35.1228	9.7458	27.0912	0.0033
9	9.7479	35.1214	9.7469	27.0899	0.0088
15	9.7496	35.1212	9.7478	27.0897	0.0145
21	9.7501	35.1216	9.7477	27.0899	0.0203
27	9.7512	35.1228	9.7481	27.0909	0.0263
33	9.7525	35.1241	9.7488	27.0917	0.0318
39	9.7635	35.1490	9.7591	27.1095	0.0374
45	9.7445	35.1777	9.7394	27.1352	0.0434
51	9.1656	35.2386	9.1600	27.2791	0.0485
57	9.0543	35.2430	9.0482	27.3008	0.0527
63	9.0329	35.2416	9.0260	27.3033	0.0576
69	8.9471	35.2450	8.9397	27.3199	0.0624
75	8.8986	35.2401	8.8904	27.3239	0.0674
85	8.7893	35.2543	8.7803	27.3527	0.0742
95	8.7158	35.2542	8.7057	27.3644	0.0819
105	8.6354	35.2578	8.6243	27.3801	0.0890
115	8.5292	35.2561	8.5171	27.3956	0.0960
125	8.5195	35.2565	8.5064	27.3976	0.1028
135	8.4962	35.2586	8.4820	27.4031	0.1096
145	8.4005	35.2567	8.3855	27.4166	0.1163
155	8.3826	35.2562	8.3664	27.4192	0.1239
165	8.3648	35.2570	8.3477	27.4226	0.1300
175	8.1782	35.2365	8.1601	27.4354	0.1374
185	8.1325	35.2340	8.1136	27.4405	0.1436
195	8.1015	35.2438	8.0815	27.4531	0.1507
205	8.0609	35.2407	8.0400	27.4570	0.1567
225	8.0014	35.2381	7.9785	27.4642	0.1698
245	7.9145	35.2313	7.8897	27.4722	0.1835
265	7.7938	35.2218	7.7672	27.4830	0.1960
285	7.6716	35.2164	7.6432	27.4971	0.2089
305	7.2220	35.1786	7.1926	27.5325	0.2212
325	6.5263	35.1110	6.4967	27.5753	0.2328
345	5.6443	35.0442	5.6152	27.6363	0.2432
365	4.7499	35.0139	4.7215	27.7184	0.2527
385	4.0684	34.9612	4.0406	27.7511	0.2604
405	3.4494	34.9354	3.4221	27.7933	0.2672
425	3.2123	34.9274	3.1843	27.8099	0.2739
445	2.6815	34.9017	2.6541	27.8379	0.2796
465	2.2533	34.9109	2.2262	27.8819	0.2849
485	1.5852	34.8766	1.5595	27.9068	0.2896
505	1.1688	34.8728	1.1437	27.9335	0.2935
605	-0.2251	34.9004	-0.2488	28.0389	0.3027

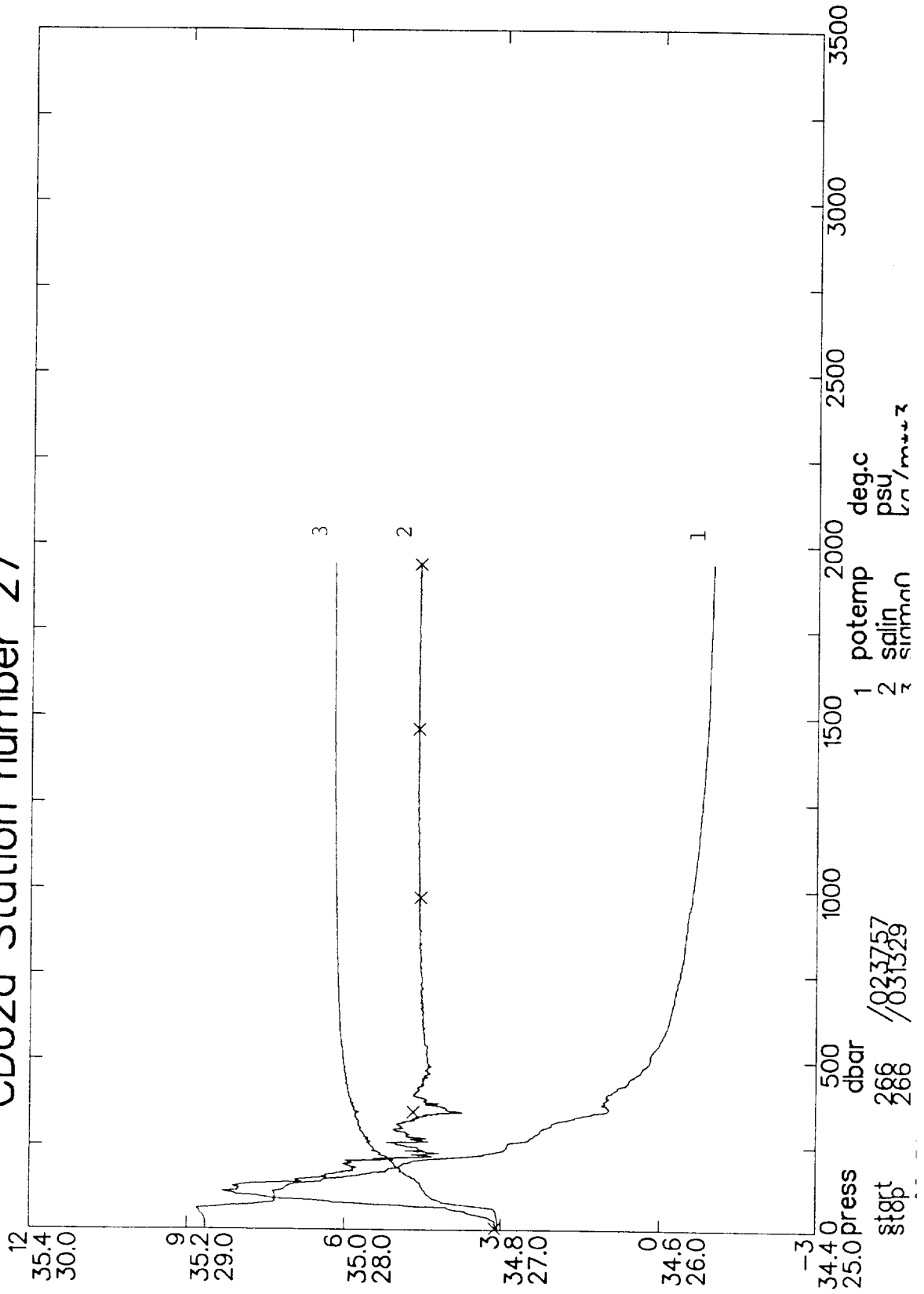
CD62a Station number 26



CD 62A Station number 26

Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m ³	dynht dyn m
1	10.2632	35.2108	10.2630	27.0711	0.0016
7	10.3159	35.2018	10.3151	27.0550	0.0070
13	10.3155	35.2020	10.3140	27.0553	0.0129
19	10.3165	35.2018	10.3142	27.0552	0.0190
25	10.3159	35.2021	10.3130	27.0556	0.0247
31	10.3120	35.2018	10.3083	27.0562	0.0312
37	10.3049	35.2026	10.3005	27.0581	0.0369
43	10.2990	35.2031	10.2940	27.0597	0.0431
49	10.2926	35.2038	10.2868	27.0615	0.0492
55	10.2878	35.2027	10.2813	27.0616	0.0551
61	10.2581	35.2009	10.2509	27.0655	0.0610
67	10.1221	35.2095	10.1143	27.0960	0.0667
73	10.0587	35.2142	10.0502	27.1107	0.0726
85	10.0041	35.2136	9.9943	27.1198	0.0839
95	9.7672	35.2224	9.7563	27.1673	0.0936
105	9.5959	35.2275	9.5840	27.2003	0.1027
115	9.4500	35.2296	9.4371	27.2264	0.1114
125	9.1406	35.2391	9.1269	27.2849	0.1196
135	8.8385	35.2483	8.8240	27.3409	0.1272
145	8.7227	35.2534	8.7072	27.3636	0.1350
155	8.5696	35.2486	8.5533	27.3841	0.1421
165	8.5030	35.2480	8.4857	27.3942	0.1489
175	8.4715	35.2500	8.4531	27.4008	0.1565
185	8.4594	35.2502	8.4500	27.4014	0.1632
195	8.4567	35.2481	8.4362	27.4020	0.1702

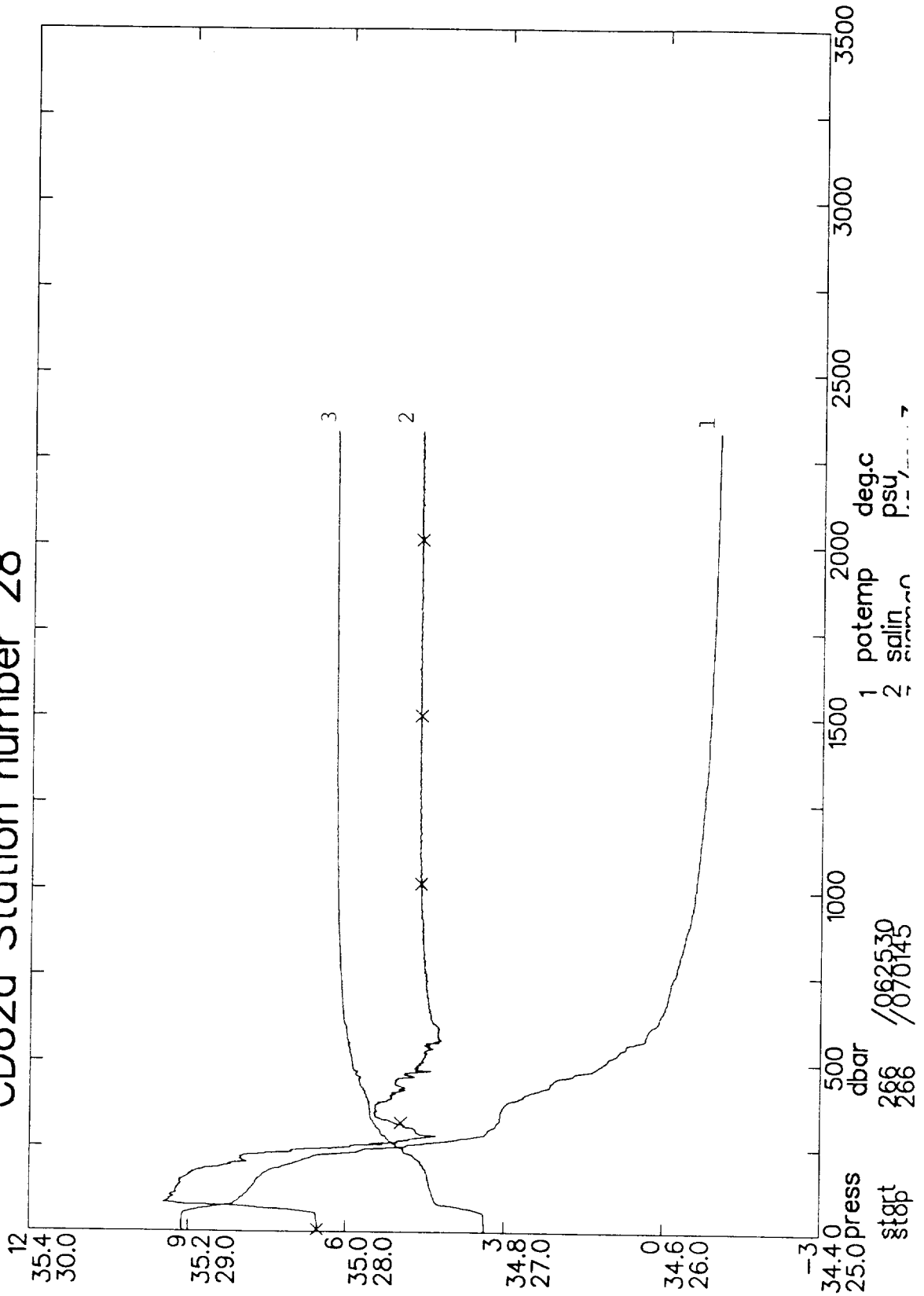
CD62a Station number 27



CD 62A Station number 27

Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kgm**3	dynht dyn m
3	8.6471	34.8071	8.6468	27.0232	0.0036
9	8.6477	34.8080	8.6468	27.0239	0.0090
15	8.6535	34.8076	8.6519	27.0227	0.0156
21	8.6555	34.8078	8.6533	27.0227	0.0214
27	8.6568	34.8089	8.6540	27.0234	0.0278
33	8.6705	34.8140	8.6670	27.0254	0.0342
39	8.6885	34.8220	8.6844	27.0289	0.0402
45	8.7304	34.8345	8.7256	27.0322	0.0464
51	8.7637	34.8430	8.7584	27.0337	0.0520
57	8.7887	34.8559	8.7826	27.0400	0.0590
63	8.7826	34.8685	8.7760	27.0509	0.0646
69	8.3095	34.9026	8.3024	27.1515	0.0709
75	7.7548	34.9553	7.7474	27.2764	0.0762
85	7.3269	35.0218	7.3188	27.3910	0.0831
95	7.3293	35.0958	7.3202	27.4491	0.0898
105	7.3432	35.1366	7.3331	27.4793	0.0964
115	7.3728	35.1547	7.3617	27.4894	0.1021
125	7.1411	35.1331	7.1292	27.5056	0.1082
135	6.9904	35.1240	6.9778	27.5196	0.1141
145	6.4508	35.0580	6.4379	27.5413	0.1196
155	6.0569	35.0395	6.0436	27.5784	0.1253
165	5.6638	35.0172	5.6501	27.6106	0.1305
175	5.2295	34.9888	5.2156	27.6410	0.1350
185	5.0085	34.9848	4.9941	27.6639	0.1396
195	4.9098	35.0012	4.8947	27.6885	0.1439
205	4.6663	34.9990	4.6508	27.7146	0.1482
225	3.3569	34.9033	3.3422	27.7756	0.1554
245	2.9090	34.9100	2.8939	27.8230	0.1616
265	2.5164	34.9009	2.5008	27.8507	0.1671
285	2.3175	34.9218	2.3011	27.8844	0.1719
305	2.1425	34.9288	2.1253	27.9046	0.1762
325	1.8145	34.9163	1.7971	27.9206	0.1802
345	1.3339	34.8802	1.3166	27.9274	0.1840
365	1.0155	34.8728	0.9982	27.9434	0.1873
385	1.0456	34.8950	1.0272	27.9593	0.1904
405	0.9831	34.9090	0.9639	27.9748	0.1932
425	0.7911	34.9011	0.7715	27.9810	0.1958
445	0.5949	34.8990	0.5751	27.9917	0.1982
465	0.3928	34.8948	0.3728	28.0004	0.2004
485	0.2632	34.8928	0.2427	28.0063	0.2025
505	0.2047	34.8957	0.1835	28.0120	0.2044
605	-0.1320	34.9005	-0.1562	28.0342	0.2123
705	-0.2724	34.9031	-0.3004	28.0436	0.2182
805	-0.4212	34.9043	-0.4529	28.0520	0.2231
905	-0.4802	34.9063	-0.5162	28.0566	0.2270
1005	-0.5878	34.9066	-0.6279	28.0620	0.2301
1105	-0.6611	34.9077	-0.7055	28.0663	0.2324
1205	-0.7197	34.9071	-0.7686	28.0686	0.2340
1305	-0.7701	34.9085	-0.8236	28.0721	0.2349
1405	-0.8083	34.9085	-0.8668	28.0739	0.2353
1505	-0.8384	34.9080	-0.9021	28.0750	0.2352
1605	-0.8527	34.9077	-0.9219	28.0755	0.2347
1705	-0.8671	34.9085	-0.9419	28.0770	0.2338
1805	-0.8797	34.9078	-0.9603	28.0772	0.2327
1905	-0.8897	34.9075	-0.9762	28.0776	0.2313

CD62a Station number 28

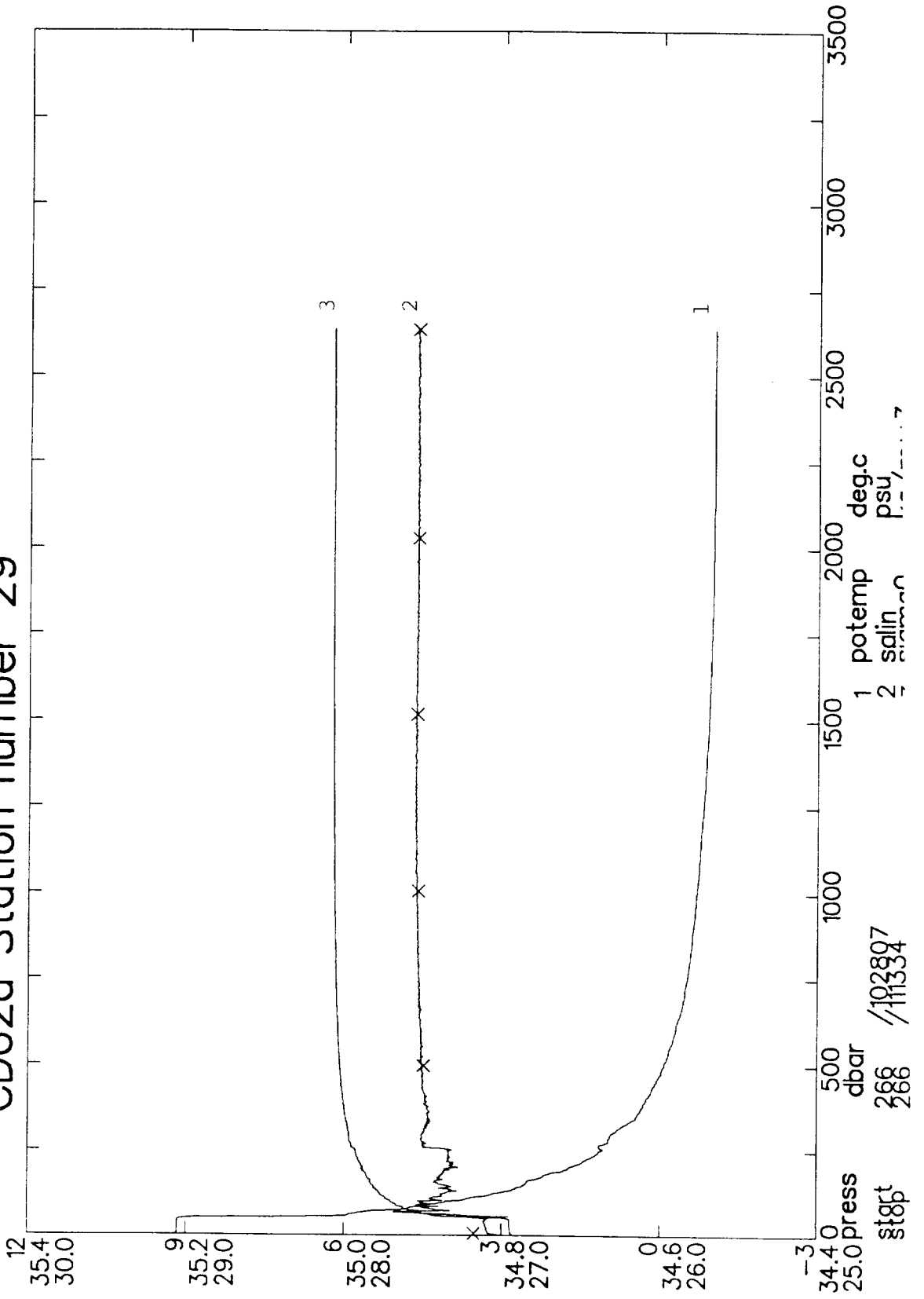


start 266 / 092539
stop 266 / 070145

CD 62A Station number 28

Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m ³	dynht dyn m
1	9.0730	35.0337	9.0728	27.1329	0.0016
7	9.1234	35.0354	9.1226	27.1261	0.0064
13	9.1268	35.0354	9.1254	27.1256	0.0120
19	9.1280	35.0358	9.1259	27.1259	0.0178
25	9.1286	35.0360	9.1258	27.1260	0.0237
31	9.1268	35.0362	9.1234	27.1266	0.0291
37	9.1230	35.0370	9.1190	27.1279	0.0343
43	9.1208	35.0372	9.1162	27.1285	0.0400
49	9.1164	35.0376	9.1110	27.1297	0.0457
55	9.0987	35.0393	9.0928	27.1340	0.0512
61	8.9707	35.0549	8.9641	27.1670	0.0570
67	8.7942	35.0755	8.7871	27.2114	0.0620
73	8.5437	35.1170	8.5361	27.2835	0.0671
85	8.1482	35.2315	8.1395	27.4346	0.0757
95	8.0450	35.2233	8.0354	27.4440	0.0822
105	7.9658	35.2215	7.9553	27.4547	0.0885
115	7.9026	35.2153	7.8910	27.4594	0.0950
125	7.8502	35.2158	7.8377	27.4678	0.1010
135	7.7913	35.2127	7.7778	27.4743	0.1076
145	7.7458	35.2103	7.7313	27.4793	0.1139
155	7.7119	35.2104	7.6965	27.4845	0.1200
165	7.6299	35.1999	7.6137	27.4885	0.1260
175	7.5589	35.1934	7.5418	27.4939	0.1320
185	7.4500	35.1813	7.4320	27.5002	0.1383
195	7.2146	35.1564	7.1961	27.5144	0.1439
205	6.9925	35.1382	6.9733	27.5315	0.1499
225	6.6217	35.1299	6.6011	27.5761	0.1614
245	5.6442	35.0446	5.6238	27.6355	0.1707
265	4.3034	34.9350	4.2840	27.7043	0.1798
285	3.4085	34.8985	3.3896	27.7671	0.1876
305	3.2597	34.9150	3.2398	27.7947	0.1941
325	3.1336	34.9422	3.1126	27.8285	0.2002
345	3.0988	34.9635	3.0767	27.8488	0.2056
365	3.0622	34.9635	3.0388	27.8524	0.2111
385	2.9326	34.9493	2.9083	27.8531	0.2165
405	2.6079	34.9390	2.5833	27.8740	0.2218
425	2.2197	34.9267	2.1951	27.8971	0.2263
445	2.0865	34.9384	2.0612	27.9174	0.2306
465	1.7094	34.9266	1.6842	27.9375	0.2346
485	1.2628	34.9121	1.2383	27.9585	0.2380
505	1.0731	34.9039	1.0482	27.9650	0.2411
605	0.2148	34.8873	0.1888	28.0050	0.2535
705	-0.0819	34.8999	-0.1110	28.0314	0.2615
805	-0.2802	34.9031	-0.3129	28.0442	0.2677
905	-0.4617	34.9051	-0.4979	28.0548	0.2722
1005	-0.5674	34.9074	-0.6076	28.0617	0.2754
1105	-0.6251	34.9094	-0.6698	28.0662	0.2778
1205	-0.6795	34.9094	-0.7288	28.0687	0.2796
1305	-0.7289	34.9094	-0.7829	28.0711	0.2808
1405	-0.7697	34.9095	-0.8287	28.0731	0.2813
1505	-0.7963	34.9095	-0.8605	28.0744	0.2814
1605	-0.8124	34.9098	-0.8821	28.0756	0.2812
1705	-0.8335	34.9103	-0.9088	28.0771	0.2805
1805	-0.8496	34.9092	-0.9306	28.0771	0.2795
1905	-0.8610	34.9096	-0.9480	28.0782	0.2782
2005	-0.8704	34.9097	-0.9636	28.0788	0.2765
2105	-0.8804	34.9097	-0.9798	28.0795	0.2745
2205	-0.8838	34.9098	-0.9899	28.0800	0.2722
2305	-0.8875	34.9100	-1.0003	28.0806	0.2697

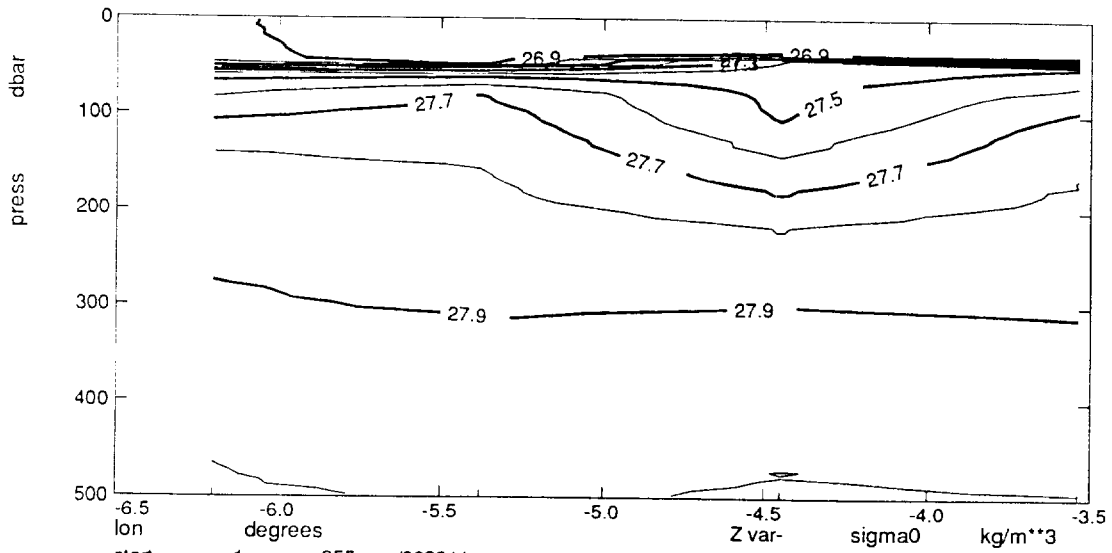
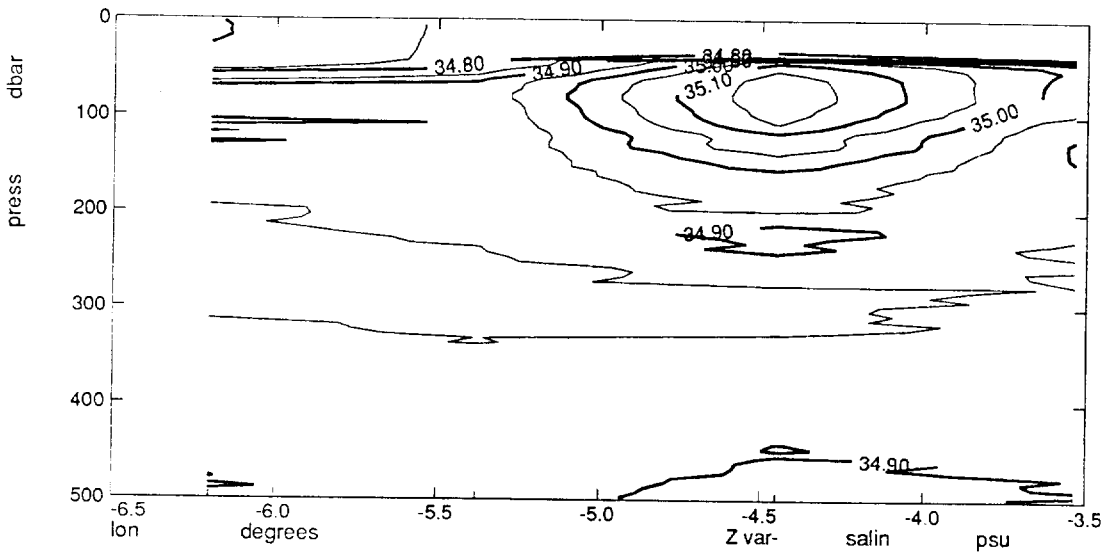
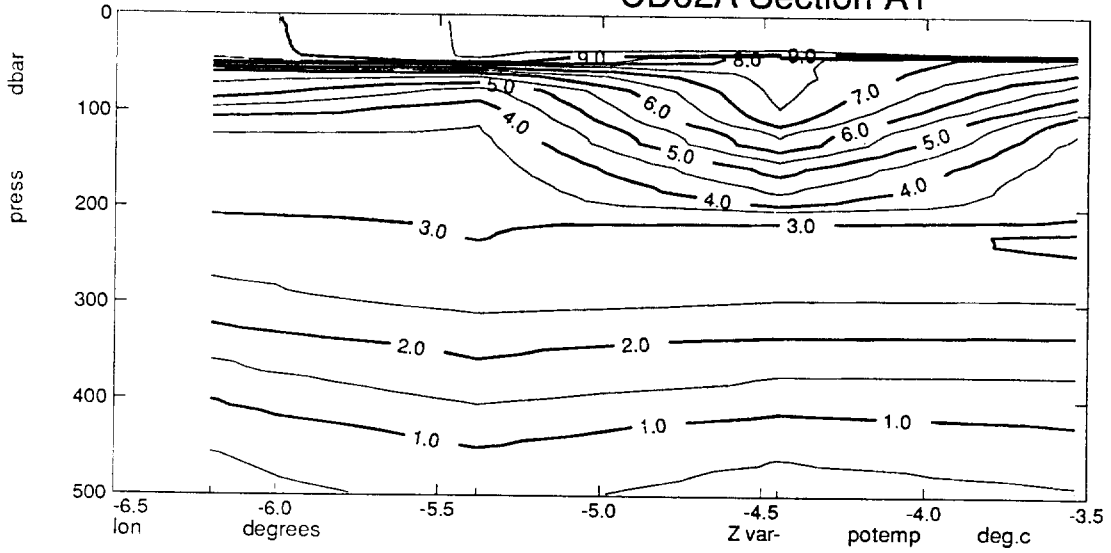
CD62a Station number 29



CD 62A Station number 29

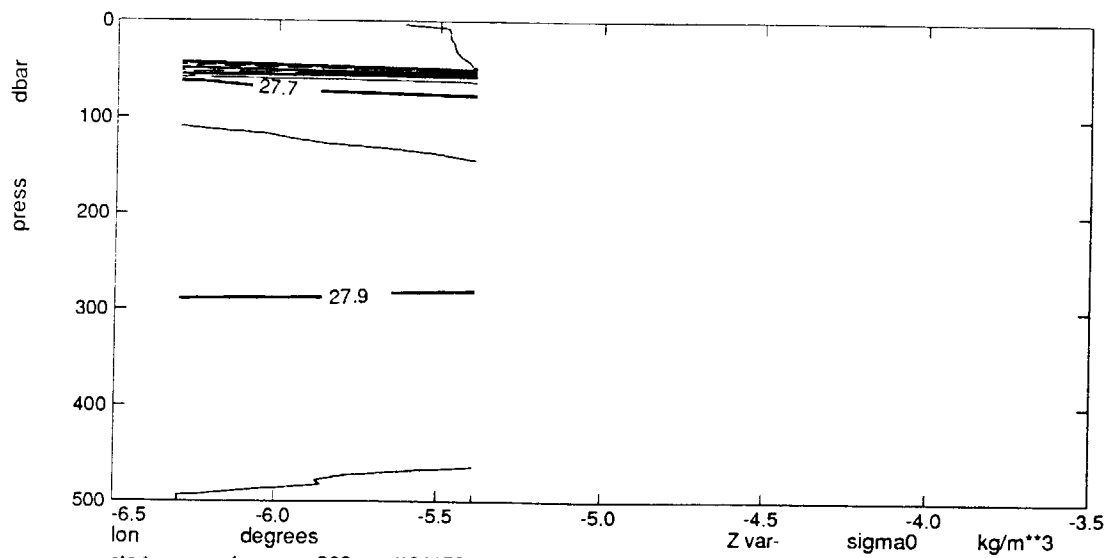
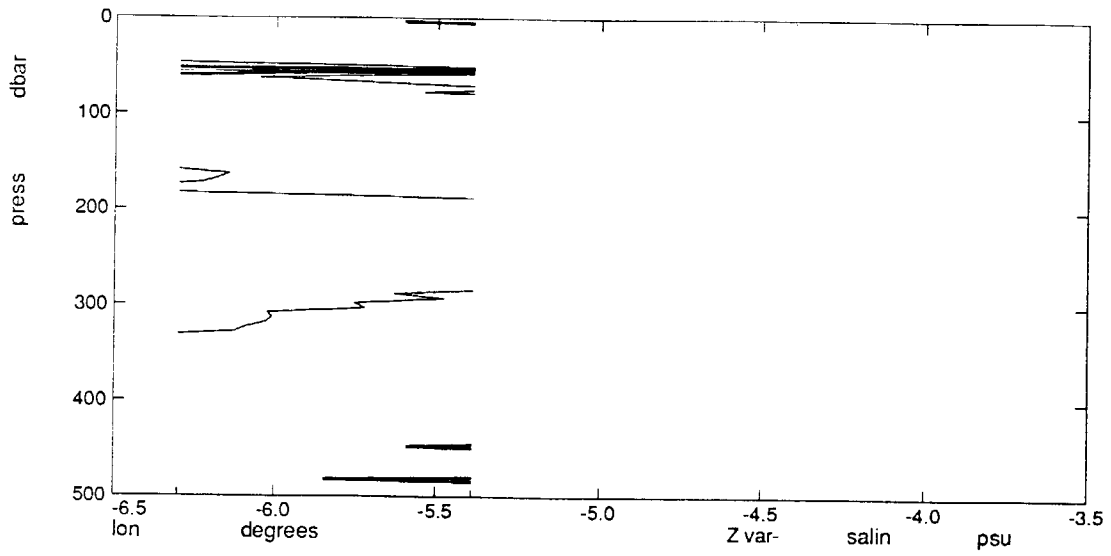
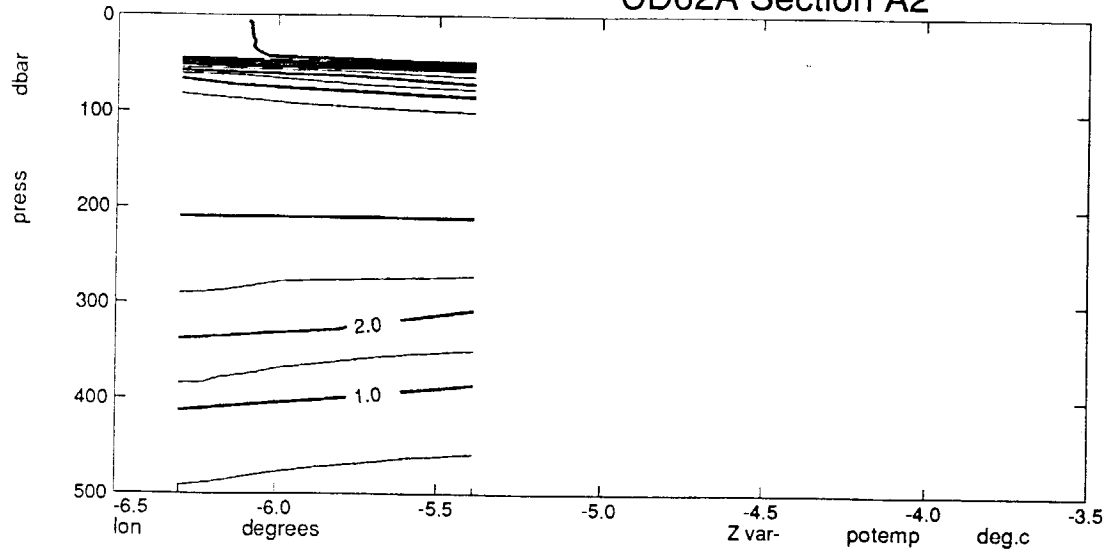
Press dbar	Temp. deg C	Salinity psu	Potential T. deg C	Sigma-0 kg/m ³	dynht dyn m
1	9.1657	34.8028	9.1655	26.9370	0.0017
7	9.1725	34.8167	9.1718	26.9469	0.0077
13	9.1693	34.8184	9.1679	26.9488	0.0143
19	9.1680	34.8191	9.1659	26.9497	0.0212
25	9.1670	34.8202	9.1642	26.9509	0.0278
31	9.1684	34.8199	9.1651	26.9505	0.0339
37	9.1685	34.8222	9.1645	26.9523	0.0407
43	9.1571	34.8201	9.1524	26.9527	0.0478
49	8.9613	34.8178	8.9560	26.9826	0.0542
55	6.4147	34.7918	6.4098	27.3349	0.0597
61	5.9295	34.8572	5.9244	27.4495	0.0634
67	5.7338	34.9135	5.7282	27.5188	0.0673
73	5.4406	34.8656	5.4347	27.5170	0.0703
85	4.5987	34.8799	4.5924	27.6265	0.0763
95	4.1954	34.9033	4.1886	27.6893	0.0808
105	3.7505	34.8818	3.7435	27.7186	0.0845
115	3.4356	34.8751	3.4282	27.7447	0.0882
125	3.1337	34.8708	3.1258	27.7703	0.0917
135	2.8187	34.8636	2.8106	27.7935	0.0948
145	2.6425	34.8636	2.6339	27.8092	0.0979
155	2.5545	34.8808	2.5455	27.8308	0.1006
165	2.4060	34.8741	2.3966	27.8382	0.1035
175	2.2385	34.8783	2.2287	27.8556	0.1057
185	2.0993	34.8729	2.0891	27.8627	0.1084
195	1.8092	34.8687	1.7990	27.8823	0.1106
205	1.6750	34.8652	1.6645	27.8898	0.1128
225	1.4085	34.8663	1.3974	27.9104	0.1169
245	1.1914	34.8670	1.1797	27.9264	0.1204
265	1.1735	34.9002	1.1608	27.9544	0.1238
285	1.0033	34.9019	0.9900	27.9674	0.1268
305	0.8931	34.8996	0.8791	27.9729	0.1295
325	0.7174	34.8963	0.7029	27.9815	0.1321
345	0.4941	34.8941	0.4793	27.9935	0.1346
365	0.4161	34.8915	0.4007	27.9961	0.1367
385	0.3398	34.8976	0.3237	28.0056	0.1388
405	0.2750	34.8960	0.2581	28.0080	0.1408
425	0.1919	34.8992	0.1744	28.0154	0.1426
445	0.1297	34.9006	0.1116	28.0200	0.1443
465	0.0608	34.9015	0.0420	28.0245	0.1460
485	-0.0047	34.9008	-0.0241	28.0275	0.1475
505	-0.0558	34.9019	-0.0759	28.0312	0.1489
605	-0.2676	34.9032	-0.2912	28.0432	0.1552
705	-0.4348	34.9056	-0.4619	28.0535	0.1600
805	-0.5289	34.9067	-0.5599	28.0589	0.1638
905	-0.5964	34.9076	-0.6316	28.0629	0.1669
1005	-0.6483	34.9090	-0.6879	28.0666	0.1692
1105	-0.7009	34.9098	-0.7449	28.0697	0.1710
1205	-0.7385	34.9109	-0.7872	28.0725	0.1722
1305	-0.7893	34.9107	-0.8427	28.0747	0.1729
1405	-0.8160	34.9103	-0.8745	28.0757	0.1730
1505	-0.8458	34.9109	-0.9094	28.0776	0.1727
1605	-0.8642	34.9097	-0.9332	28.0776	0.1720
1705	-0.8800	34.9093	-0.9546	28.0781	0.1709
1805	-0.8895	34.9092	-0.9699	28.0787	0.1696
1905	-0.8956	34.9088	-0.9821	28.0789	0.1679
2005	-0.8984	34.9087	-0.9911	28.0792	0.1660
2105	-0.8984	34.9087	-0.9976	28.0794	0.1639
2205	-0.8951	34.9086	-1.0010	28.0795	0.1615
2305	-0.8902	34.9090	-1.0030	28.0799	0.1590
2405	-0.8852	34.9096	-1.0050	28.0804	0.1563
2505	-0.8785	34.9085	-1.0055	28.0796	0.1534
2605	-0.8732	34.9087	-1.0077	28.0798	0.1503

CD62A Section A1



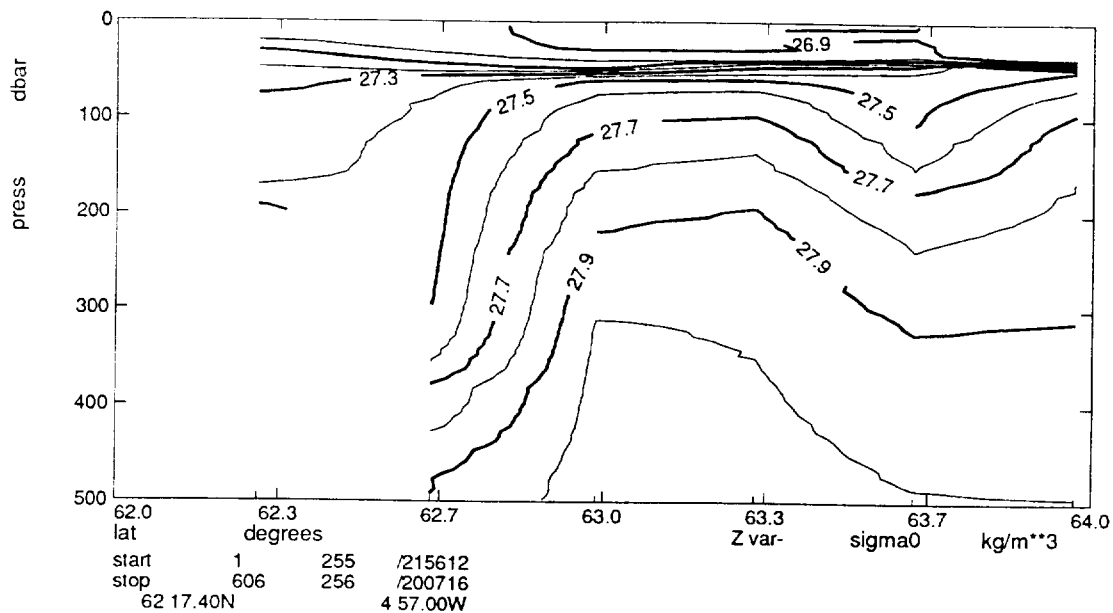
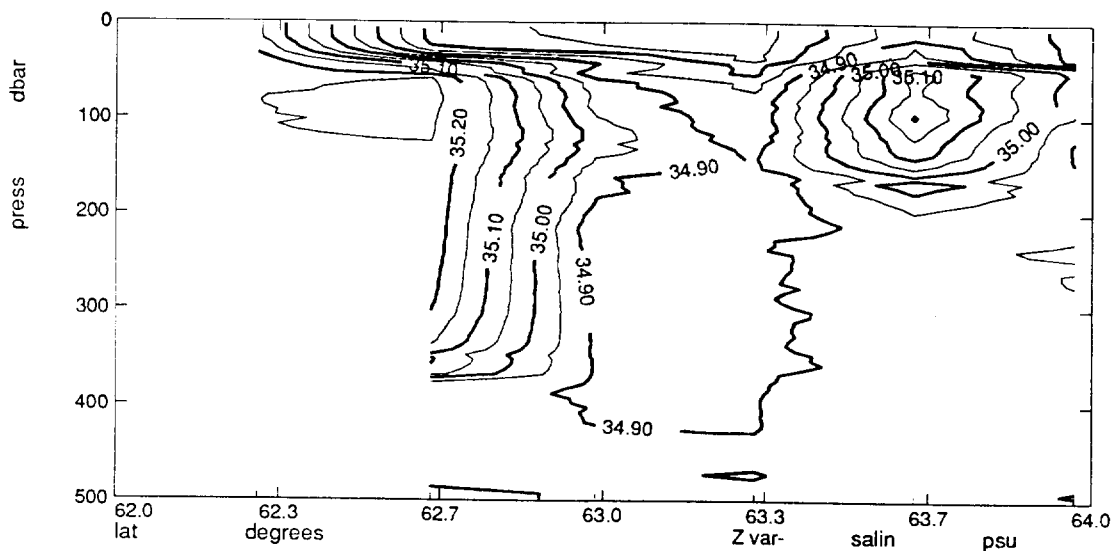
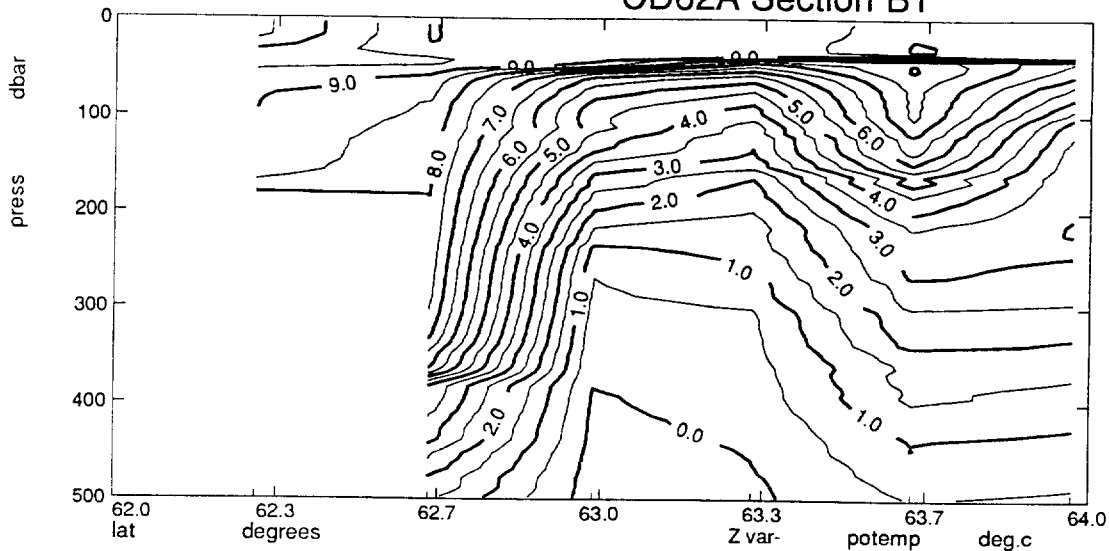
start	1	255	/062911
stop	404	255	/220602
	63 56.50N		6 12.07W

CD62A Section A2



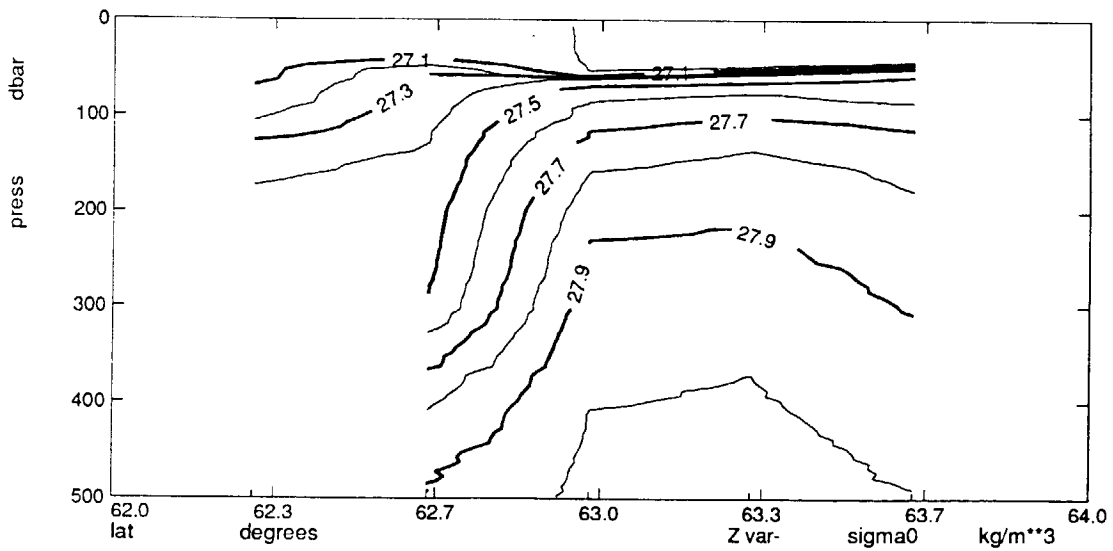
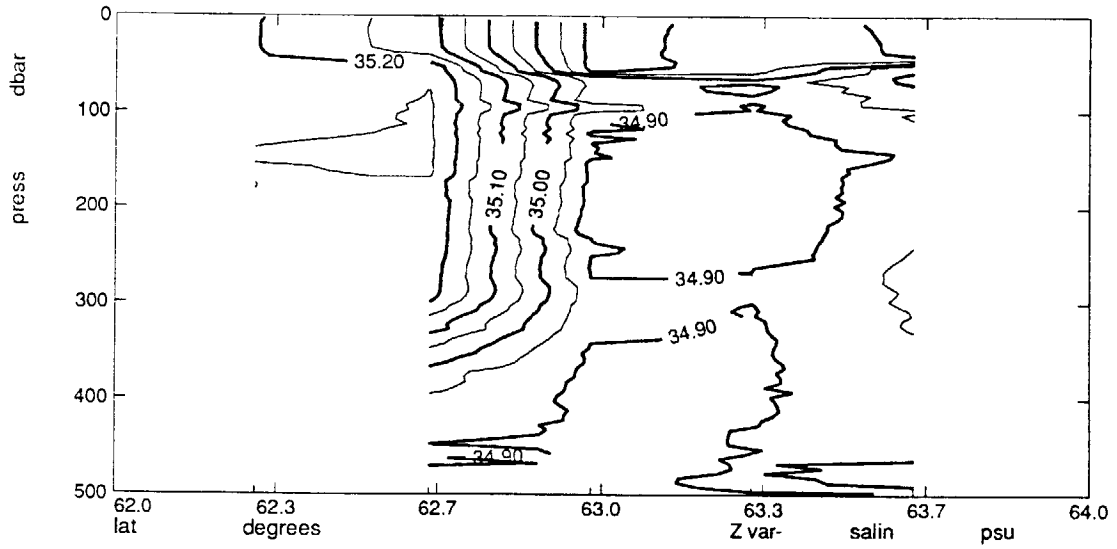
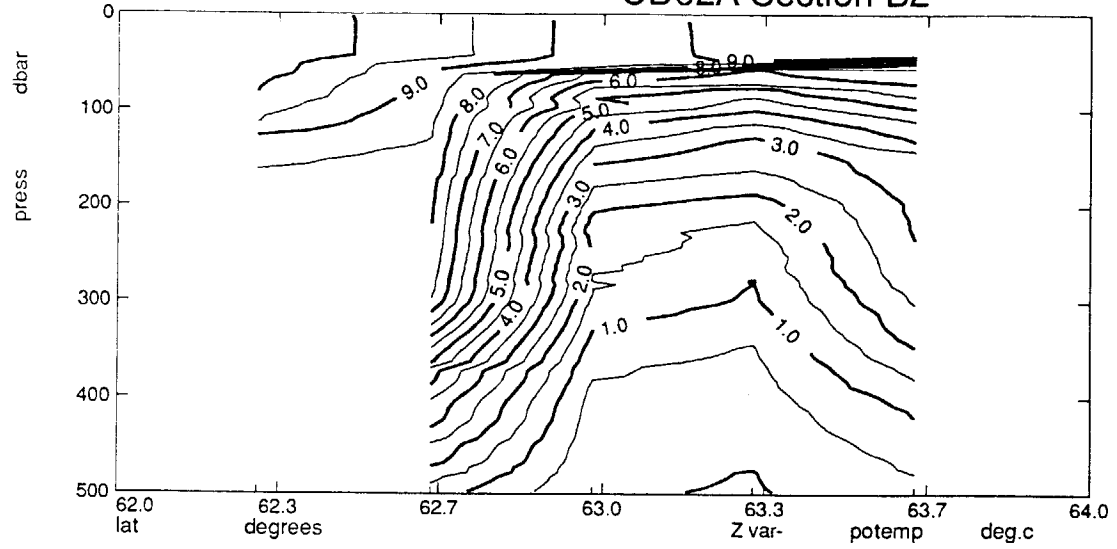
start	1	263	/134153
stop	202	7933	/190626
	63 56.40N		6 18.00W

CD62A Section B1



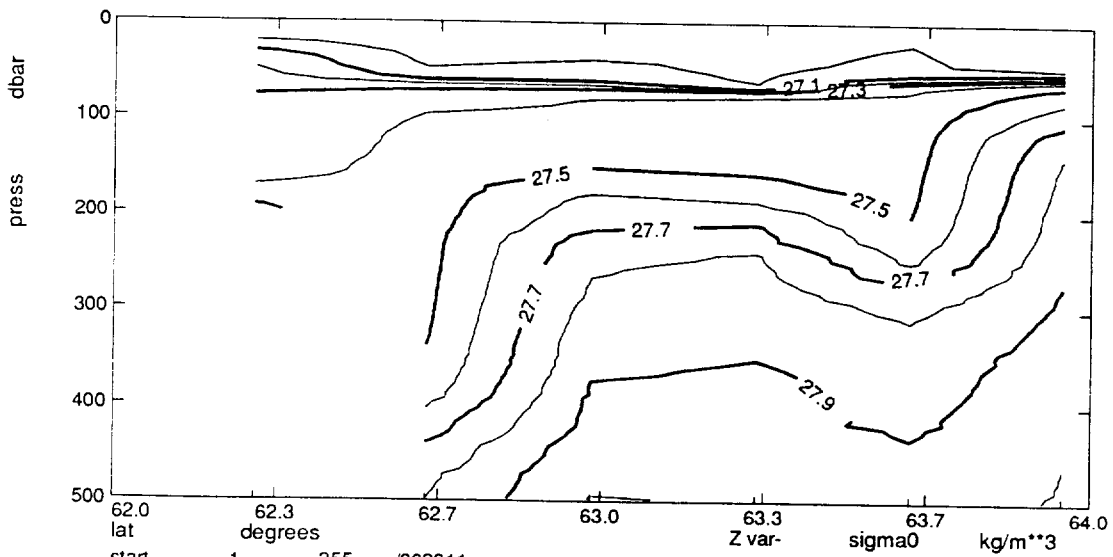
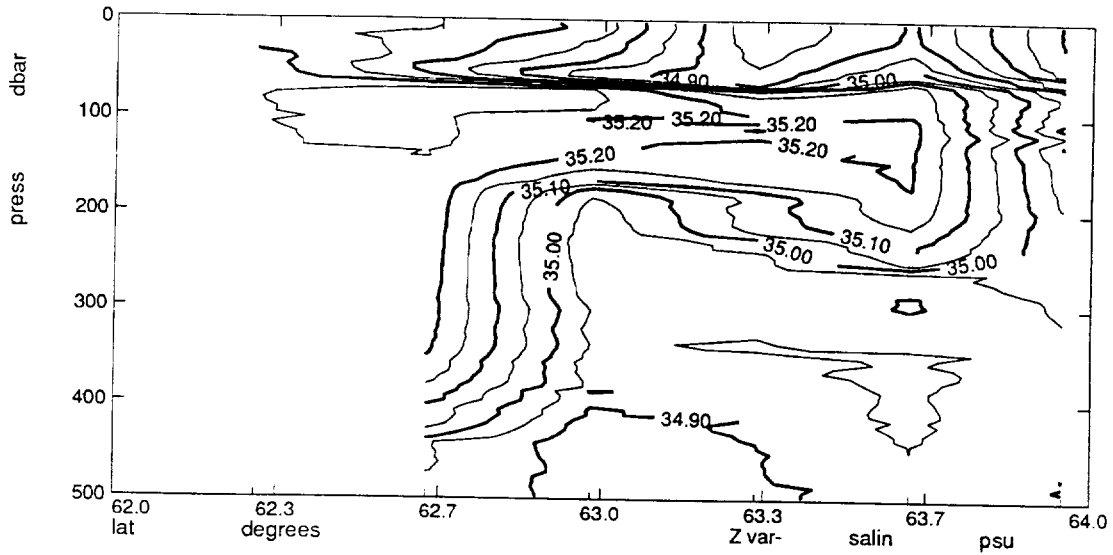
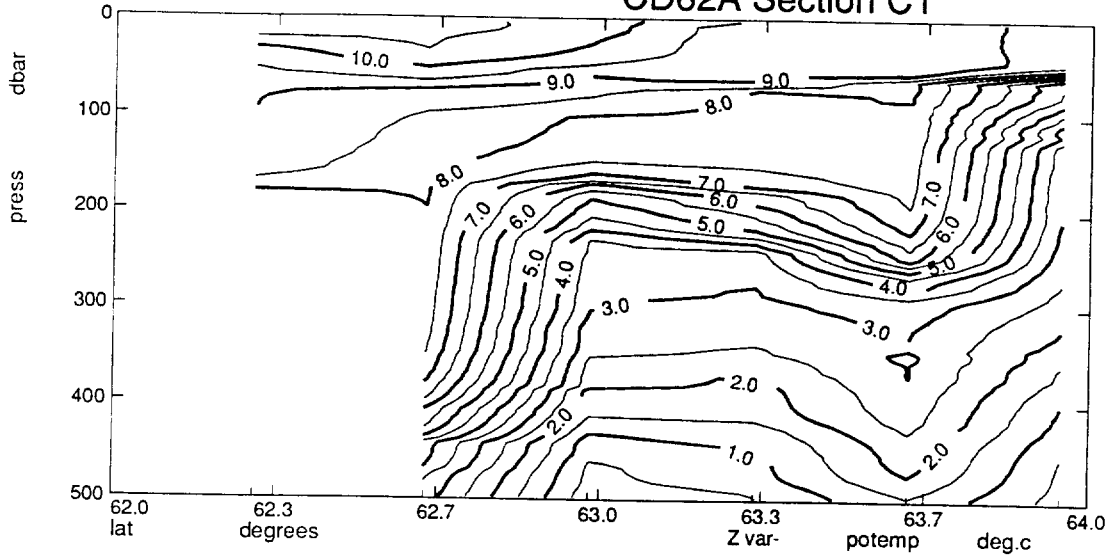
start	1	255	/215612
stop	606	256	/200716
	62 17.40N		4 57.00W

CD62A Section B2



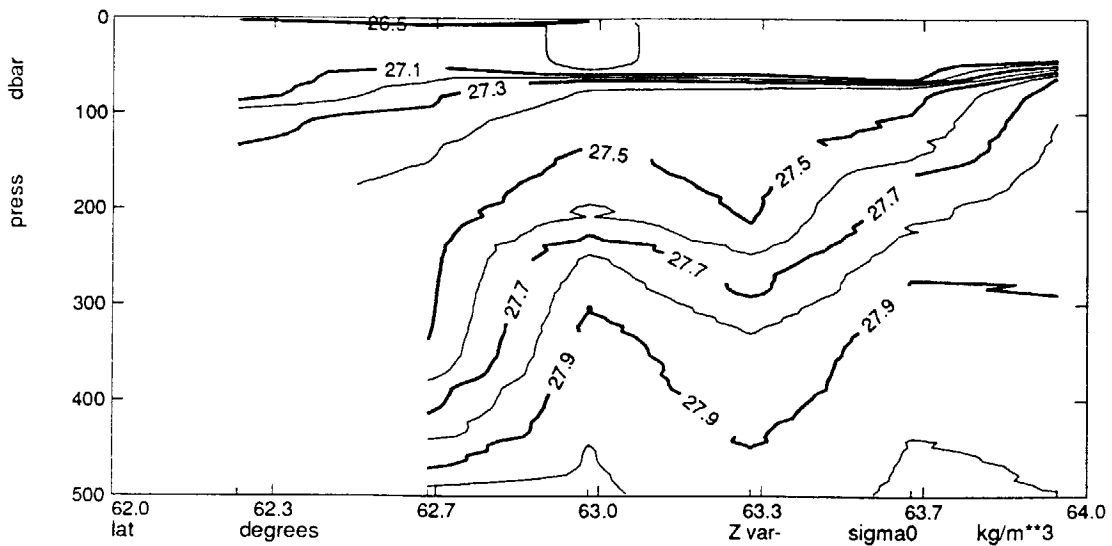
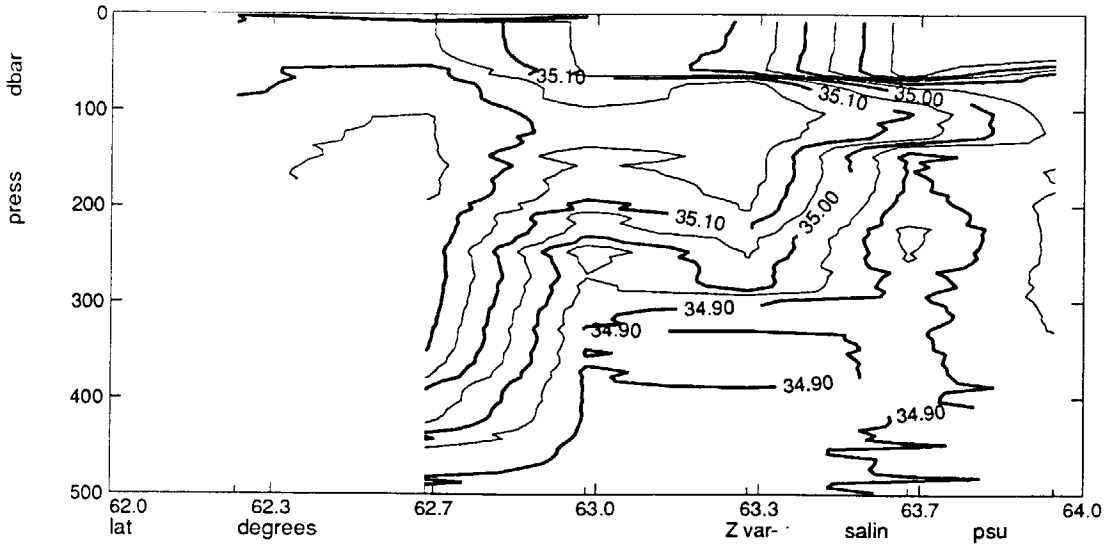
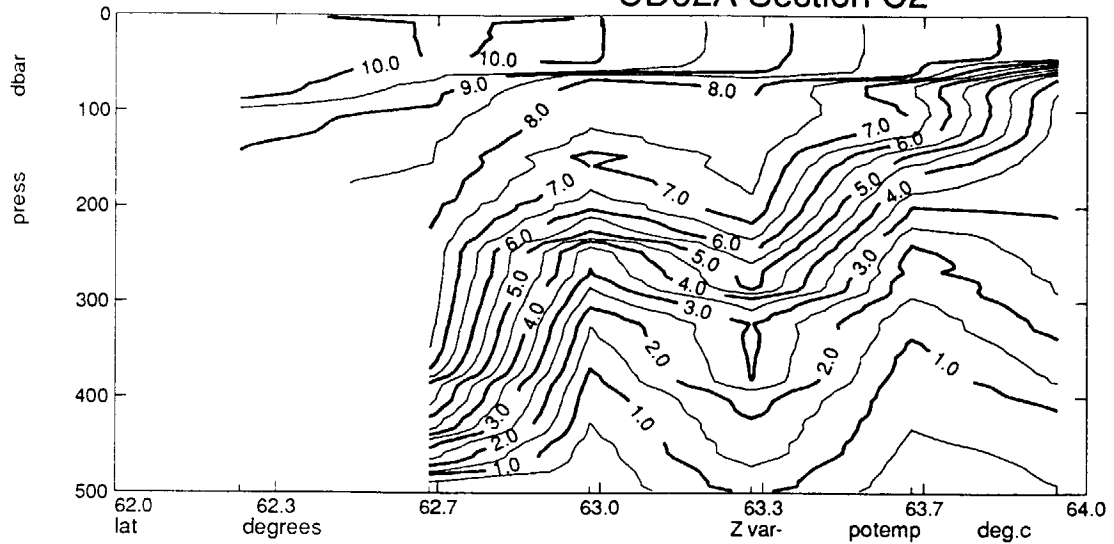
start 1 264 /060917
 stop 505 266 /103952
 62 17.40N 4 55.80W

CD62A Section C1



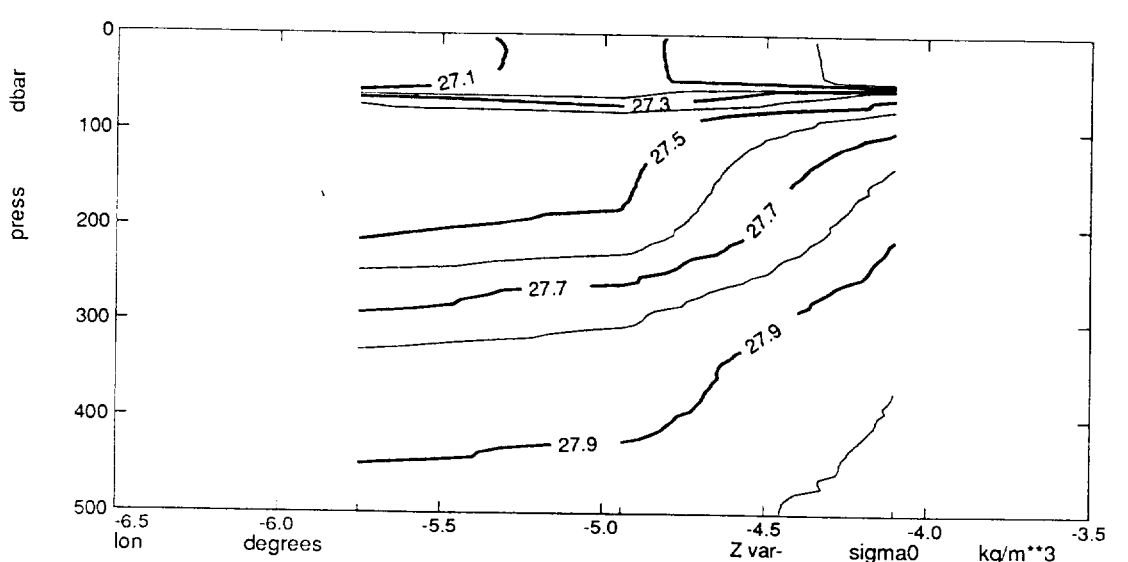
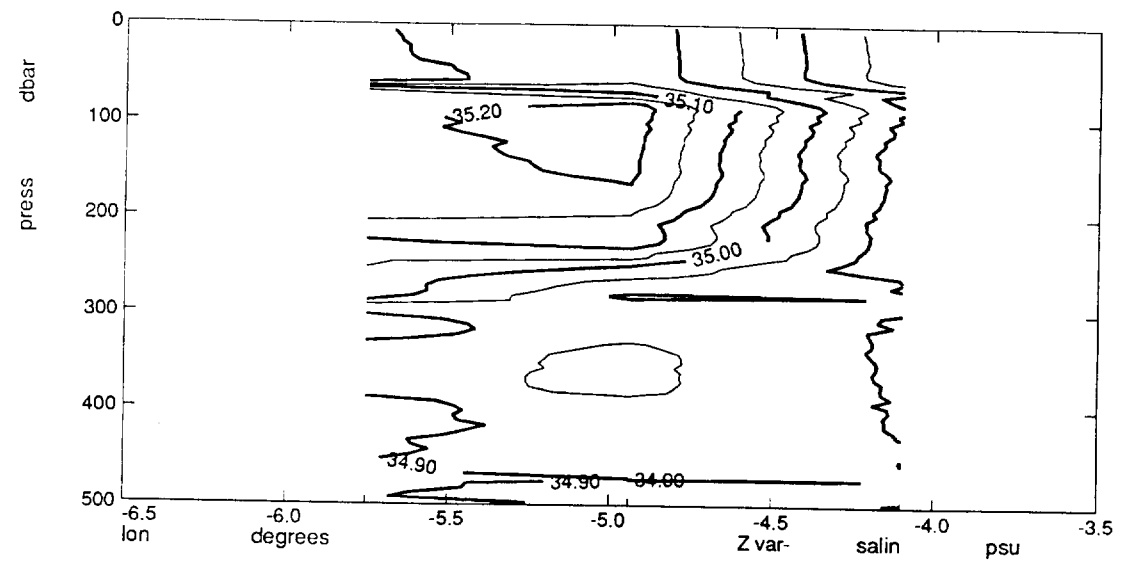
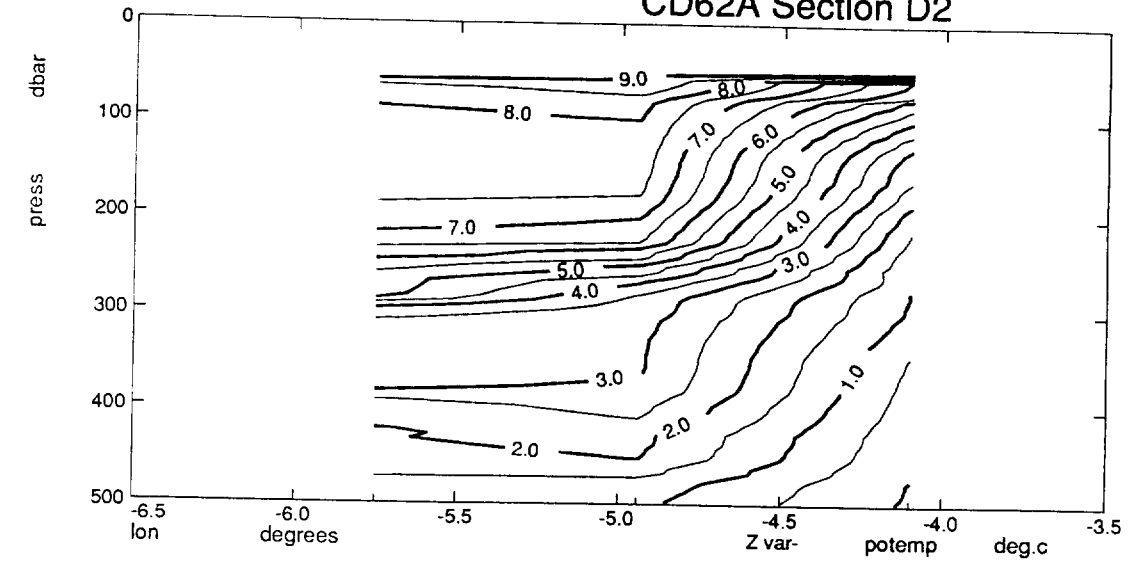
start 1 255 /062911
 stop 606 257 /103735
 62 17.40N 4 57.00W

CD62A Section C2



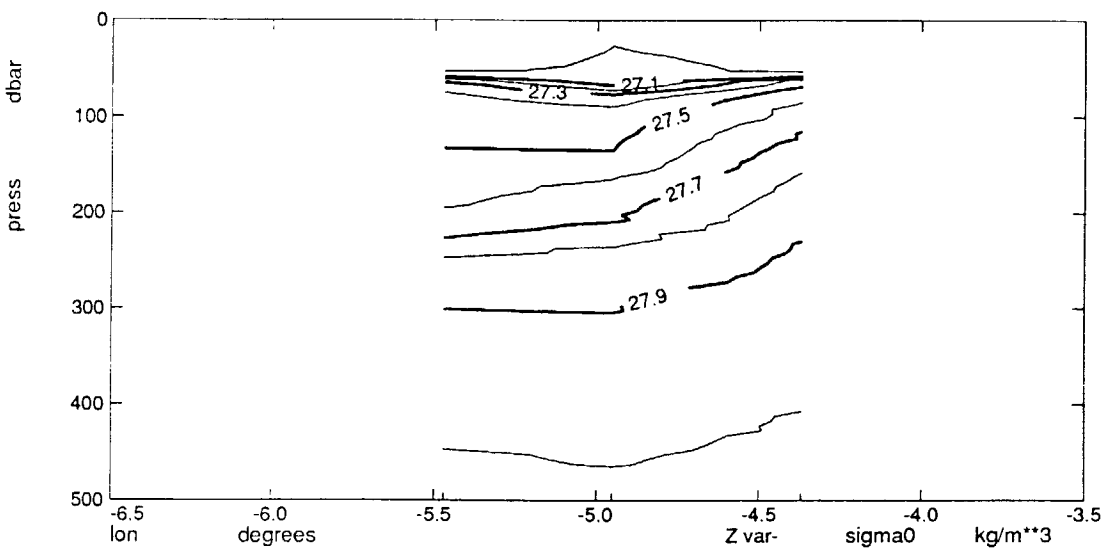
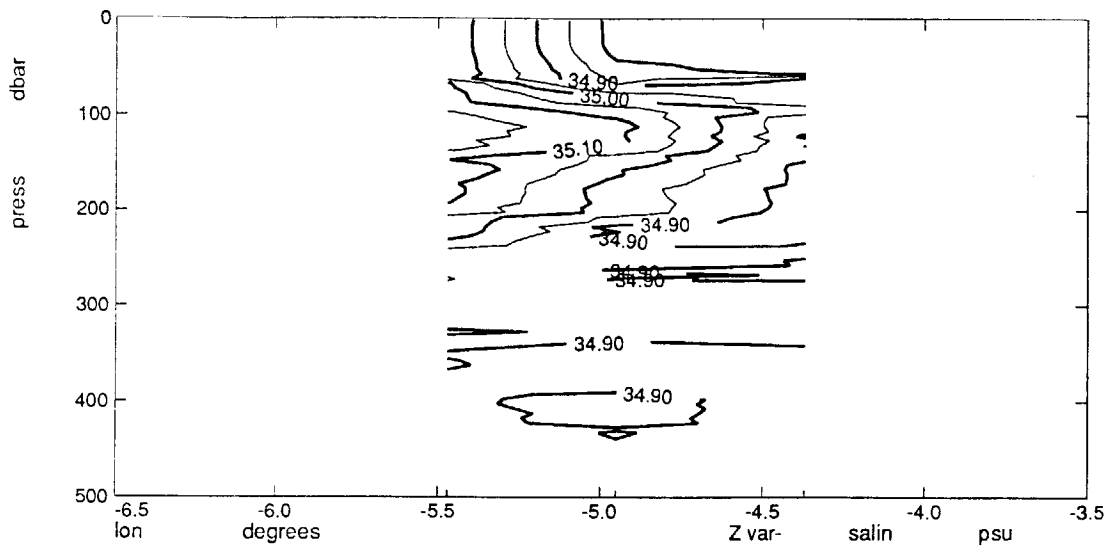
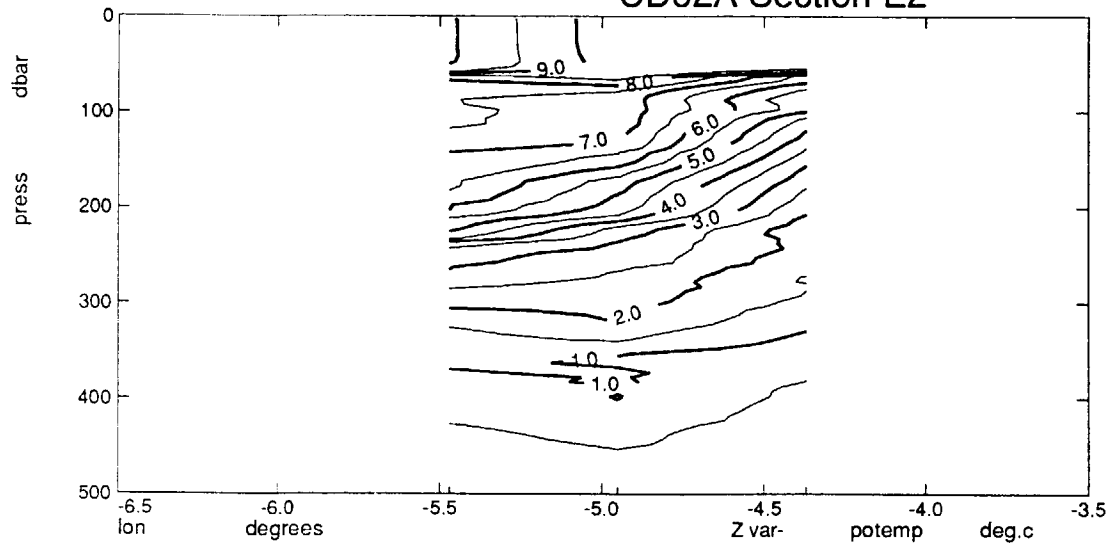
start	1	262	/120843
stop	606	263	/135023
	62 15.60N		5 1.20W

CD62A Section D2



start	1	263	/000246
stop	303	266	/103952
	63 18.60N		5 45.00W

CD62A Section E2



start 1 262 /192114
stop 303 266 /024845
62 58.80N 5 28.20W

CD62A Section F2

