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CENTER FOR COASTAL PHYSICAL OCEANOGRAPHY

Crittenton Hall Old Dominion University Norfolk, Virginia 23529



Hydrographic Data Collected Aboard
RV Nathaniel B. Palmer
March - May 1993

Research Conducted As Part of the
Palmer Long-Term Ecological Research Program

December 1993

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Palmer LTER Research Groups and Principal Investigators

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INTRODUCTION

From 25 March to 15 May 1993, an extensive hydrographic survey was made of the Palmer Long-Term Ecological Research (LTER) peninsula grid (Waters and Smith, 1992) as part of a multidisciplinary cruise aboard the RV *Nathaniel B. Palmer*. The cruise departed from and returned to Punta Arenas, Chile. The survey portion of the cruise covered an area that extended about 900 km alongshore and about 200 km offshore along the western side of the Antarctic Peninsula (Figure 1). This data report presents the CTD measurements made as part of this cruise.

The CTD data were, for the most part, collected and processed at sea by LTER personnel. Final corrections and processing of the CTD data were completed after the cruise at the Center for Coastal Physical Oceanography. Tapes of the CTD data at one-meter resolution have been sent to the National Oceanographic Data Center.

SAMPLING PROCEDURES

In-Situ Conductivity/Temperature/Depth (CTD) - Rosette Cast Data Collection

Vertical profiles of temperature and salinity were collected at 225 stations. Measurements were made at 103 stations with a Sea-Bird CTD system. The remaining 122 stations were sampled with a Bio-Optical Profiling System (BOPS, see Smith *et al.* (1984) for a description), which included CTD sensors. The hydrographic measurements obtained with the BOPS are presented in a separate report (CCPO Technical Report No 93-05).

Water was taken at all stations from discrete depths with either Niskin or Go Flo bottles for nutrient and oxygen determinations, as well as for calibration of the CTD salinity sensors. For most of the hydrographic casts, observations were made to within a few meters of the bottom. At the outer-most stations on the across-shelf transects, CTD casts were made to the bottom or to 3000 m. Horizontal spacing between the hydrographic stations was 10 km on most transects; alongshelf spacing between transects was 100 km.

For stations at which a CTD cast was made (cf. Figure 1), a 24-place rosette frame outfitted with 12 12-liter Niskin bottles was lowered with the CTD. The CTD was usually lowered at 40 m min^{-1} through the water column above the main thermocline. Below this, lowering speeds were sometimes increased to 60 m min^{-1} . The Niskin bottles were closed at selected depths on the up cast. On most casts, bottles were closed at the bottom, at mid-depth, and near the surface to obtain water for calibration of the CTD salinity sensor. The remaining Niskin bottles were closed at various other depths to obtain water for nutrient and biological analyses. The depths at which the bottles were closed were based upon features observed in

the down cast. Occasionally, two bottles were tripped at the same depth to provide replicate samples or to obtain water for additional biological analyses.

CTD Sensor Calibration

The temperature sensor on the CTD was subjected to pre- and post-cruise calibrations by Sea-Bird Electronics. The change in this sensor between the two calibrations was $0.003^{\circ}\text{C yr}^{-1}$. Consequently, no correction was applied to the temperature data presented in this report.

Pre- and post-cruise calibrations of the salinity sensor by Sea-Bird Electronics showed a drift in the salinity sensor of 0.000002 Siemens m^{-1} month $^{-1}$, which is a negligible change. Consequently, no correction was applied to the CTD salinity values.

An additional check on the CTD salinity values was provided by onboard salinity determinations of water collected with the Rosette. The water samples were processed using a Guildline Autosal inductive salinometer. Wormley Standard Seawater batch P114 was used to standardize the salinometer for all salinity determinations. However, problems encountered with the salinometer operation during the first half of the cruise make the salinities determined from the water samples of doubtful quality. Therefore, only the salinity determinations from the latter half of the cruise (35 CTD casts) are reported.

Comparison of the salinity samples with the CTD salinities shows that over the time of the cruise (Figure 2a), the salinity sensor was stable. This same trend was observed with depth (Figure 2b). These observations support the decision of not applying a salinity correction to the CTD-derived salinity measurements.

CTD Data Processing and Derived Quantities

For each CTD cast, temperature, salinity and pressure observations were collected and processed using the Seasoft CTD Data Acquisition Software (Seasoft Version 4.022) provided by Sea-Bird Electronics. First, the raw data from the CTD were converted to engineering units and filtered twice to remove points that fell outside of two and twenty standard deviations, respectively. These filtered data were next corrected for thermal mass effects and pressure reversals. The resultant data were then averaged into 1-m depth bins.

The procedures and algorithms given in UNESCO (1983) were applied to the processed CTD data to calculate vertical profiles of potential temperature (θ) and salinity (Practical Salinity Scale). These profiles were then further processed with Seasoft routines to calculate the density-related quantities, σ_0 and σ_1 , which are the density anomalies for a water parcel that is moved adiabatically to the surface

and 1000 db, respectively. These quantities were calculated using the International Equation of State of Seawater, 1980 as described in UNESCO (1983). Also, dynamic height values, reported in dynamic meters, were calculated relative to the sea surface.

The Brunt-Väisälä frequency ($\text{rad}^2 \text{s}^{-2}$), which is a measure of water column stability, was calculated from the 1-db vertical profiles of potential density and density gradient at each station using the approach described in Fofonoff and Bray (1981). These profiles were then interpolated to 1-meter depth bins.

At all steps in the data processing, the filtered profiles were compared with unfiltered profiles to ensure that the characteristics of the vertical distribution were not altered by the filtering process. The smoothed vertical profiles were interpolated, using a cubic spline, to the standard depths that are reported in the following tables.

GRAPHICAL AND TABULAR DATA CHARACTERISTICS

The remainder of this data report presents graphical and tabular representations of station information and the CTD measurements. A reference list of all CTD stations is presented in Table 1. The graphical presentation consists of vertical profiles of temperature (solid line) and salinity (dotted line) for each station. Fewer than 20 of the 103 CTD stations had depths greater than 2000 m, so this is the maximum depth used for the vertical profile plots. For the stations that were deeper than 2000 m, the remaining data are given in the accompanying table. Also shown are potential temperature-salinity diagrams for each station. The symbols on the potential temperature-salinity curves correspond to depths of 100 m, 500 m, and 1000 m and are provided as reference points.

The first table given for each station provides location and meteorological information. Missing or questionable data values are denoted in these listings by -999. The information in the station table is as described below.

- Station and event numbers are given for each station. The event number is a unique number assigned to each shipboard activity.
- The day the station was occupied is reported in Julian Days.
- Time for the CTD casts is given in Greenwich Mean Time and corresponds to the time when the CTD reached the bottom.
- Latitude and longitude locations correspond to the navigational fix, from either the FURNO or ASHTECH GPS receiver systems, at the time the CTD cast started.

- Bottom depths were determined acoustically with an EK 500 Simrad system. At stations deeper than 3000 m, which is the limit for the EK 500, bottom depth is reported as -999.
- Meteorological variables were obtained from a Real-Time Data Acquisition System. These data were acquired at six-second intervals and were averaged to one-minute intervals. The value reported for each variable corresponds to the time when the CTD down cast started. Values are reported as:
 - Barometric pressure in millibars;
 - Relative humidity in %;
 - Air temperature in degrees Celsius;
 - Relative humidity temperature in degrees Celsius;
 - Wind speed in m s^{-1} ;
 - Wind direction in degrees from North.

The second table given for each station provides the CTD observations and quantities derived from the CTD data as described below.

- Sample depth is given in meters at 10-m intervals from the surface to 160 m, 20-m intervals from 160 m to 500 m, 50-m intervals from 500 m to 1000 m, 100-m intervals from 1000 m to 2000 m, and 200-m intervals from 2000 m to the bottom. Depths of the first sample and bottom sample are also given.
- *In-situ* temperature is given in degrees Celsius.
- Salinity is given in practical salinity units.
- Potential temperature is given in degrees Celsius.
- Density is given as σ_0 and σ_1 and is reported as kg m^{-3} .
- Dynamic height is given in dynamic meters.
- Brunt-Väisälä frequency is given in $\text{rad}^2 \text{s}^{-2}$.

The final table, provided only for the stations at which salinity samples were taken for sensor calibration, gives the salinity value obtained from the Autosal, the corresponding salinity from the CTD, and the depth of the sample. These are the data that were used to produce Figure 2.

ACKNOWLEDGMENTS

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- Waters, K. J. and R. C. Smith. 1992. Palmer LTER: A sampling grid for the Palmer LTER program, *Antarctic Journal of the U. S.*, 236-238.

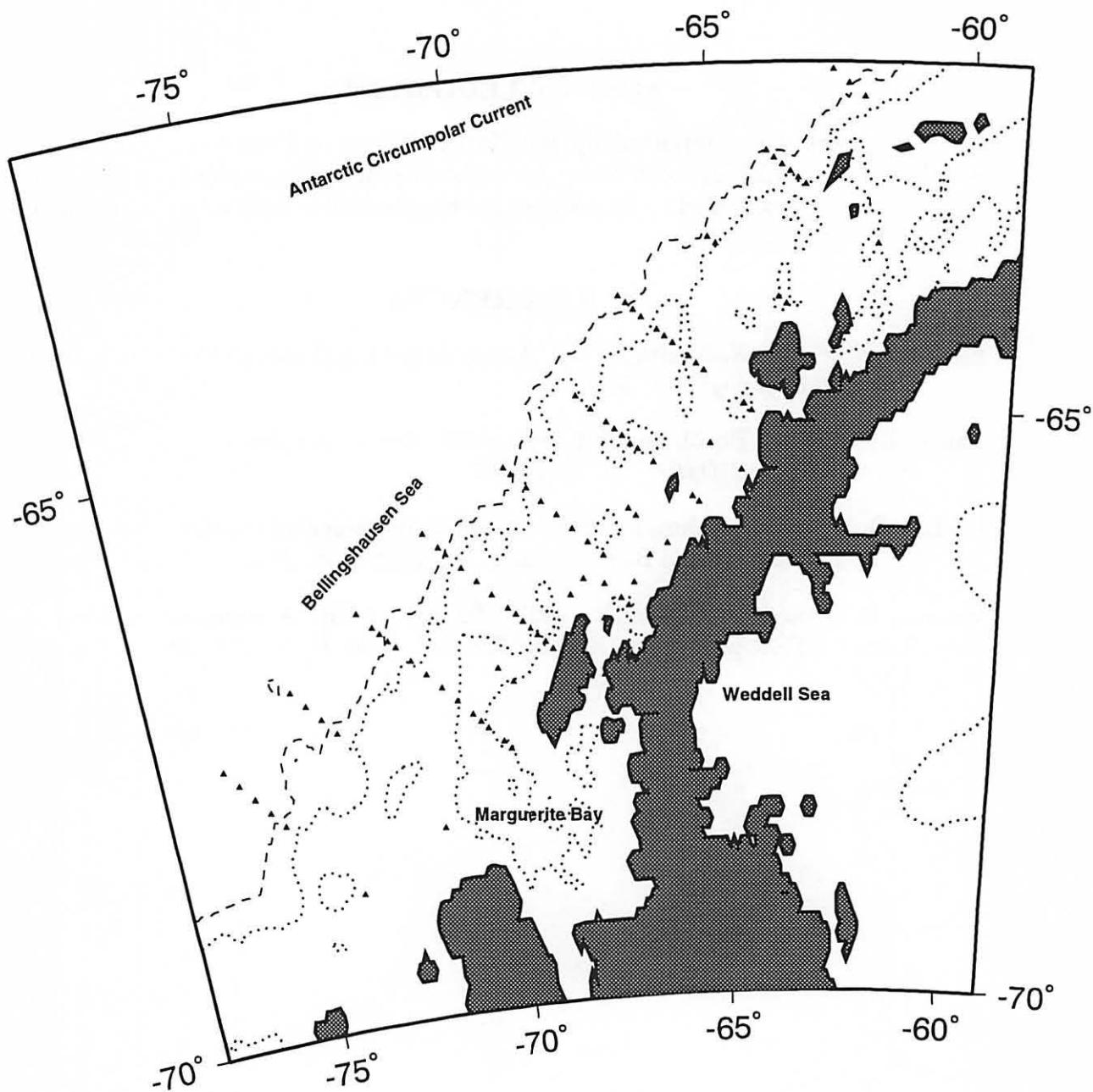


Figure 1. Distribution of CTD stations, indicated by triangles, occupied during the cruise. Transect lines are numbered from south to north, with the southern most transect line being numbered 000. Stations along each transect are numbered consecutively from the inshore to offshore portion of the transect. The 500 and 2000 meter isobaths are indicated by the dotted and dashed line, respectively.

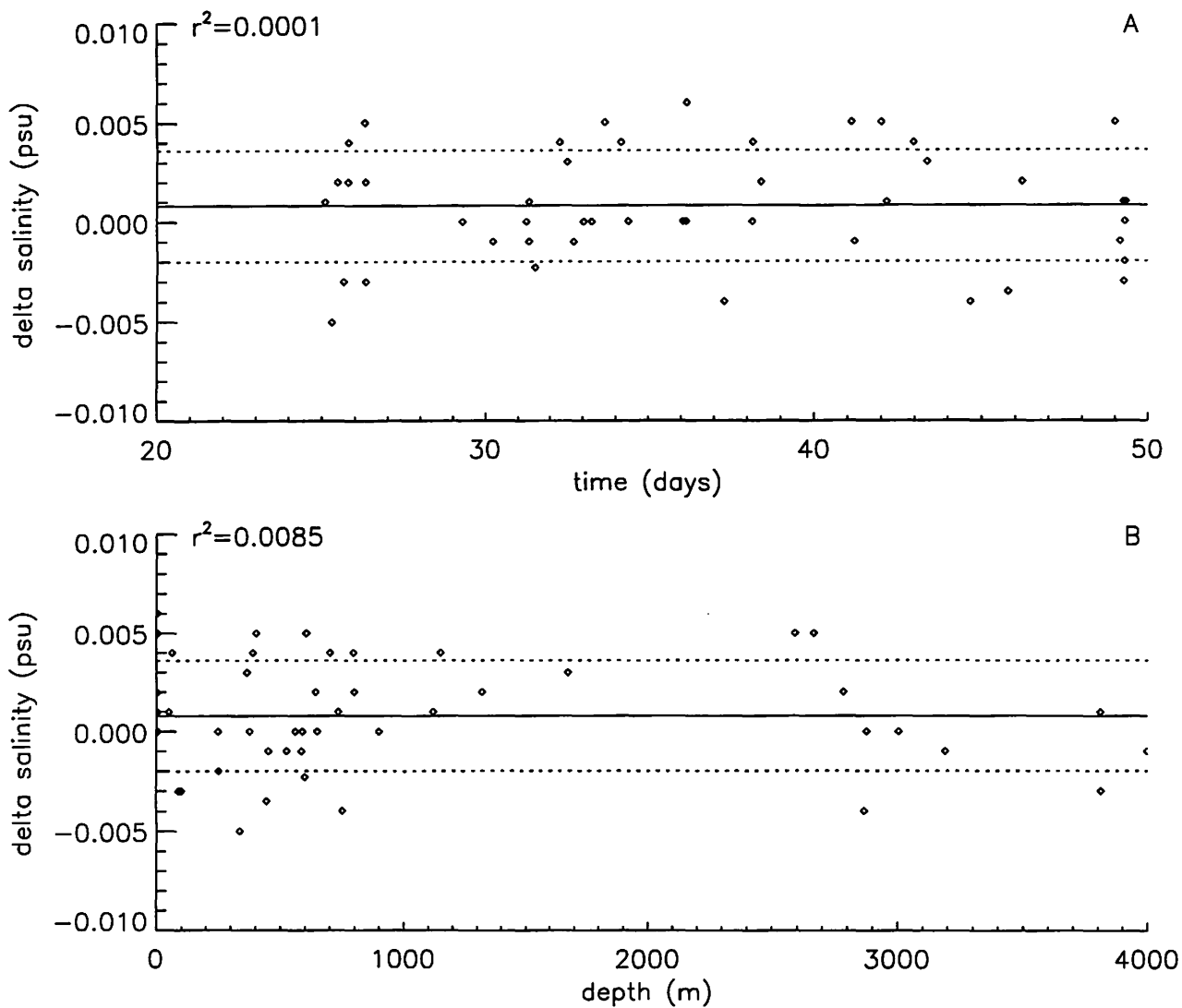


Figure 2. Comparison of the salinity difference over time (A) and with depth (B) between the CTD-measured salinity and the salinity values obtained from the Guildline Autosal. The solid line indicates the mean of the observations (0.0008 PSU) and the dashed line indicates the standard deviation of the observations (0.0028 PSU). The salinity values used to calculate the salinity difference between the Autosal and CTD are given as part of the tabular data presentation for the stations at which the samples were taken.

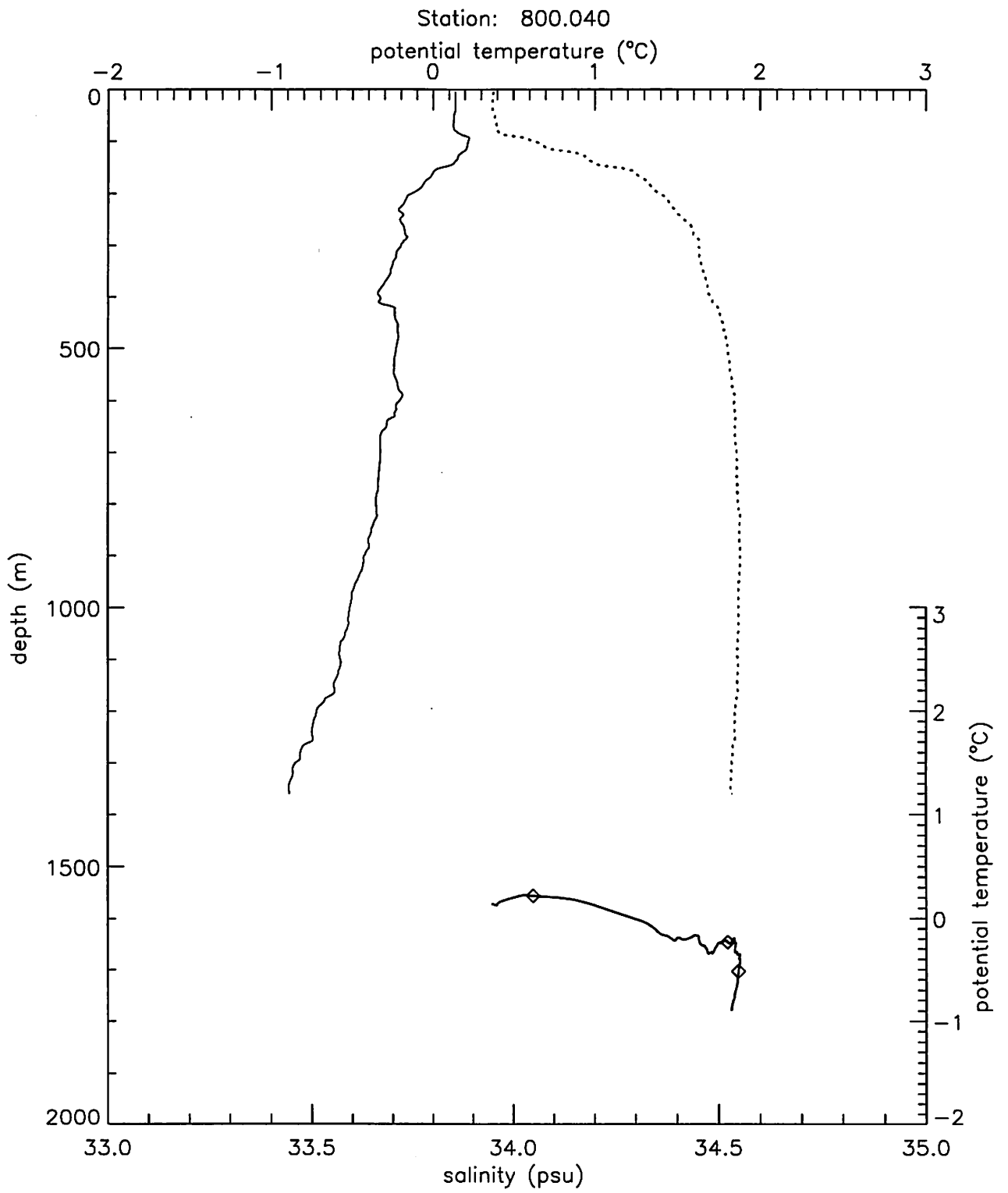
Table 1. Listing of CTD Stations.

Event	Latitude	Longitude	Day	GMT	Station
73	-63.560	-61.746	91	1611	800.040
134	-64.078	-63.509	93	1611	700.070
137	-64.021	-63.665	93	1755	700.080
169	-63.549	-64.884	94	1536	700.160
172	-63.489	-65.034	94	1840	700.170
181	-63.046	-63.125	95	1650	800.130
184	-62.989	-63.279	95	1932	800.140
190	-62.930	-63.417	96	0004	800.150
191	-62.872	-63.579	96	0211	800.160
196	-62.815	-63.730	96	0801	800.170
201	-62.755	-63.874	96	1305	800.180
205	-64.333	-65.954	97	0308	600.140
211	-64.393	-65.801	97	0708	600.130
215	-64.272	-66.105	97	2011	600.150
222	-64.150	-66.408	98	0120	600.170
226	-64.087	-66.560	98	0343	600.180
231	-64.028	-66.704	98	0825	600.190
236	-63.967	-66.852	98	1404	600.200
278	-64.994	-64.244	103	0515	600.030
280	-64.935	-64.400	103	0800	600.040
306	-64.636	-65.186	104	0300	600.090
308	-64.577	-65.340	104	0513	600.100
315	-64.514	-65.491	104	1047	600.110
329	-64.796	-67.841	105	0801	500.170
335	-64.922	-67.540	105	1217	500.150
341	-65.046	-67.238	105	1617	500.130
343	-65.109	-67.082	105	1854	500.120
348	-65.171	-66.927	105	2227	500.110
349	-65.247	-66.770	106	1702	500.100
355	-65.295	-66.618	106	0420	500.090
363	-65.417	-66.305	106	1100	500.070
373	-65.805	-66.889	106	1845	450.060
378	-65.867	-66.729	106	2040	450.050
393	-66.191	-67.492	107	1013	400.050
401	-66.066	-67.811	107	1616	400.070
409	-65.941	-68.125	107	2144	400.090
415	-65.814	-68.438	108	0216	400.110
421	-65.687	-68.741	108	0711	400.130
427	-65.558	-69.048	108	1144	400.150
433	-65.430	-69.350	108	1548	400.170
435	-65.364	-69.501	108	1852	400.180
444	-65.982	-71.074	110	0726	300.180
450	-65.849	-71.374	111	0107	300.200
455	-66.046	-70.929	111	0753	300.170
462	-66.182	-70.626	111	1316	300.150
468	-66.310	-70.320	111	1730	300.130
474	-66.439	-70.026	111	2200	300.110
480	-66.569	-69.707	112	0318	300.090
486	-66.631	-69.534	112	0659	300.080
487	-66.696	-69.403	112	0859	300.070
494	-66.762	-69.240	112	1313	300.060
495	-66.825	-69.078	112	1424	300.050

Event	Latitude	Longitude	Day	GMT	Station
497	-66.889	-68.918	112	1627	300.040
504	-66.955	-68.763	112	2322	300.030
510	-67.076	-70.062	113	0531	250.060
513	-67.203	-69.743	113	0926	250.040
524	-67.776	-69.945	113	1754	200.000
532	-67.708	-70.107	113	2321	200.010
540	-67.579	-70.428	114	0617	200.030
541	-67.513	-70.586	114	0803	200.040
549	-67.445	-70.748	114	1237	200.050
555	-67.314	-71.061	114	1700	200.070
561	-67.181	-71.372	114	2147	200.090
567	-67.050	-71.686	115	0206	200.110
573	-66.917	-71.989	115	0654	200.130
582	-66.779	-72.287	115	1208	200.150
585	-66.713	-72.441	115	1447	200.160
586	-66.715	-72.438	115	1646	200.160
591	-66.645	-72.591	115	2115	200.170
592	-66.582	-72.736	115	2352	200.180
594	-66.580	-72.737	116	0150	200.180
600	-66.445	-73.031	116	0611	200.200
611	-67.017	-74.768	116	1620	100.200
618	-67.157	-74.478	116	2203	100.180
623	-67.296	-74.184	117	0332	100.160
633	-67.434	-73.882	117	0905	100.140
675	-68.379	-71.714	118	1132	100.000
685	-68.832	-73.881	119	0355	000.020
706	-68.136	-75.418	120	0038	000.120
713	-67.998	-75.709	120	0647	000.140
715	-67.574	-76.581	120	2203	000.200
721	-67.714	-76.293	121	0353	000.180
726	-67.857	-76.007	121	0925	000.160
728	-67.853	-75.998	121	1105	000.160
768	-66.511	-68.276	123	1827	300.050
774	-66.382	-67.959	124	0058	370.050
775	-67.215	-67.645	124	0300	380.040
776	-66.436	-67.504	124	0451	380.030
783	-66.733	-67.565	124	1834	356.010
784	-66.570	-67.164	125	0024	380.010
785	-66.631	-66.002	125	0401	380.000
795	-66.443	-66.862	125	1906	400.010
796	-66.212	-66.478	125	2325	430.015
810	-66.115	-66.092	126	0857	450.010
822	-65.770	-65.380	127	1248	500.010
824	-65.721	-65.512	127	1546	500.020
836	-65.505	-64.470	128	0950	550.000
839	-65.271	-65.109	128	1856	550.040
844	-64.933	-64.398	129	0428	600.040
859	-62.297	-62.032	131	2043	900.140
861	-62.184	-62.330	131	2349	900.160
862	-62.067	-62.628	132	0300	900.180
863	-61.946	-62.918	132	0656	900.200

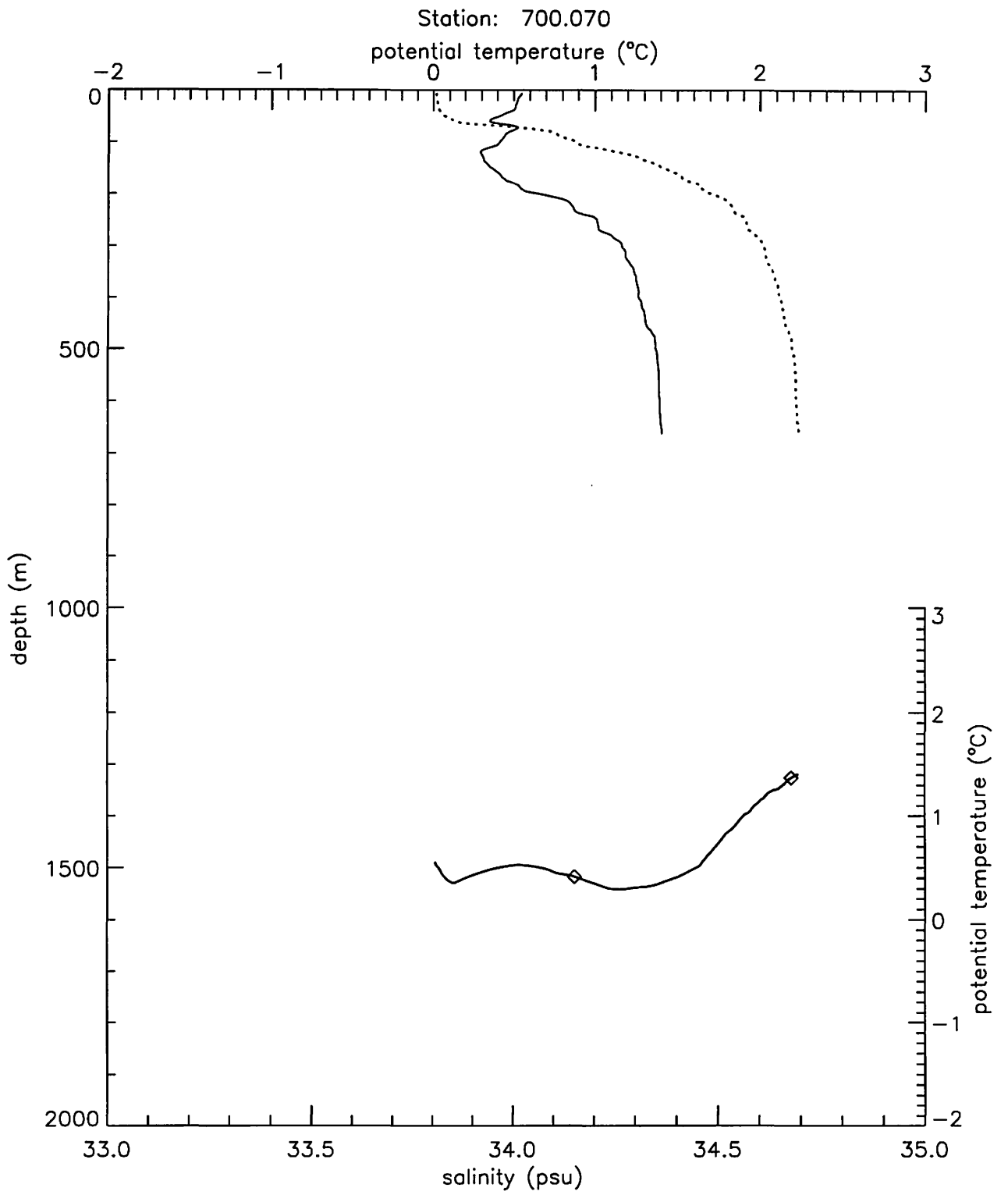
LTER 93b	Station:	800.040 (73)	Julian Day:	91	GMT:	1611
	Latitude:	63° 33.590' S	Longitude:	61° 44.740' W	Depth:	1392 m
	Barometer:	991.6 mb	RelHumidity:	72.6%	AirTemp:	-2.1°C
	RH Temp:	-2.1°C	WindSpeed:	1.5 m s ⁻¹	WindDir:	0°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	0.140	33.951	0.139	27.252	31.966	0.003	-5.80e-04
10	0.142	33.948	0.141	27.250	31.963	0.006	-1.40e-05
20	0.140	33.948	0.140	27.250	31.963	0.014	8.00e-08
30	0.141	33.949	0.140	27.250	31.963	0.022	-4.30e-07
40	0.141	33.949	0.139	27.251	31.964	0.030	3.00e-06
50	0.133	33.954	0.131	27.255	31.968	0.038	1.70e-06
60	0.132	33.955	0.130	27.256	31.970	0.045	1.50e-06
70	0.132	33.959	0.129	27.259	31.972	0.053	1.10e-06
80	0.143	33.960	0.140	27.259	31.972	0.060	1.00e-06
90	0.201	33.996	0.198	27.285	31.996	0.067	6.30e-05
100	0.224	34.049	0.220	27.327	32.037	0.075	3.20e-05
110	0.217	34.076	0.213	27.349	32.059	0.082	9.80e-06
120	0.196	34.135	0.191	27.398	32.108	0.089	7.60e-05
130	0.161	34.176	0.156	27.433	32.144	0.095	8.10e-06
140	0.141	34.195	0.135	27.449	32.160	0.101	2.30e-05
150	0.066	34.251	0.060	27.498	32.211	0.107	8.80e-05
160	0.005	34.296	-0.001	27.538	32.253	0.113	8.90e-06
180	-0.051	34.332	-0.058	27.569	32.286	0.122	7.70e-06
200	-0.126	34.355	-0.133	27.592	32.310	0.132	2.10e-05
220	-0.177	34.383	-0.185	27.617	32.337	0.141	7.50e-06
240	-0.177	34.402	-0.186	27.633	32.352	0.150	7.00e-06
260	-0.179	34.431	-0.188	27.656	32.375	0.158	1.10e-05
280	-0.161	34.439	-0.171	27.661	32.380	0.167	1.10e-06
300	-0.190	34.452	-0.201	27.674	32.393	0.174	1.00e-06
320	-0.217	34.453	-0.229	27.676	32.397	0.182	9.00e-08
340	-0.243	34.459	-0.255	27.682	32.403	0.190	3.00e-06
360	-0.264	34.467	-0.277	27.689	32.411	0.198	6.00e-06
380	-0.306	34.473	-0.320	27.696	32.419	0.205	2.10e-06
400	-0.315	34.482	-0.329	27.704	32.427	0.212	4.50e-06
420	-0.231	34.498	-0.247	27.713	32.434	0.219	4.00e-06
440	-0.222	34.506	-0.238	27.719	32.439	0.226	2.30e-06
460	-0.202	34.513	-0.220	27.723	32.443	0.232	1.20e-06
480	-0.197	34.519	-0.215	27.728	32.448	0.238	4.00e-06
500	-0.212	34.522	-0.231	27.731	32.451	0.243	-3.90e-07
550	-0.221	34.528	-0.242	27.737	32.457	0.258	1.70e-06
600	-0.185	34.538	-0.209	27.743	32.462	0.275	1.30e-06
650	-0.264	34.540	-0.289	27.749	32.471	0.291	2.40e-07
700	-0.300	34.543	-0.327	27.752	32.476	0.307	5.90e-08
750	-0.309	34.544	-0.339	27.754	32.478	0.323	1.90e-07
800	-0.323	34.546	-0.355	27.756	32.481	0.338	5.00e-07
850	-0.349	34.550	-0.383	27.760	32.486	0.354	-5.40e-07
900	-0.390	34.552	-0.427	27.764	32.491	0.369	1.50e-06
950	-0.436	34.550	-0.474	27.764	32.492	0.384	7.20e-07
1000	-0.476	34.548	-0.517	27.765	32.494	0.399	-1.30e-07
1100	-0.530	34.546	-0.575	27.766	32.497	0.426	5.10e-09
1200	-0.674	34.540	-0.723	27.767	32.503	0.453	-4.50e-07
1300	-0.800	34.532	-0.853	27.766	32.506	0.481	6.70e-07
1356	-0.834	34.530	-0.889	27.766	32.508	0.495	1.00e-06



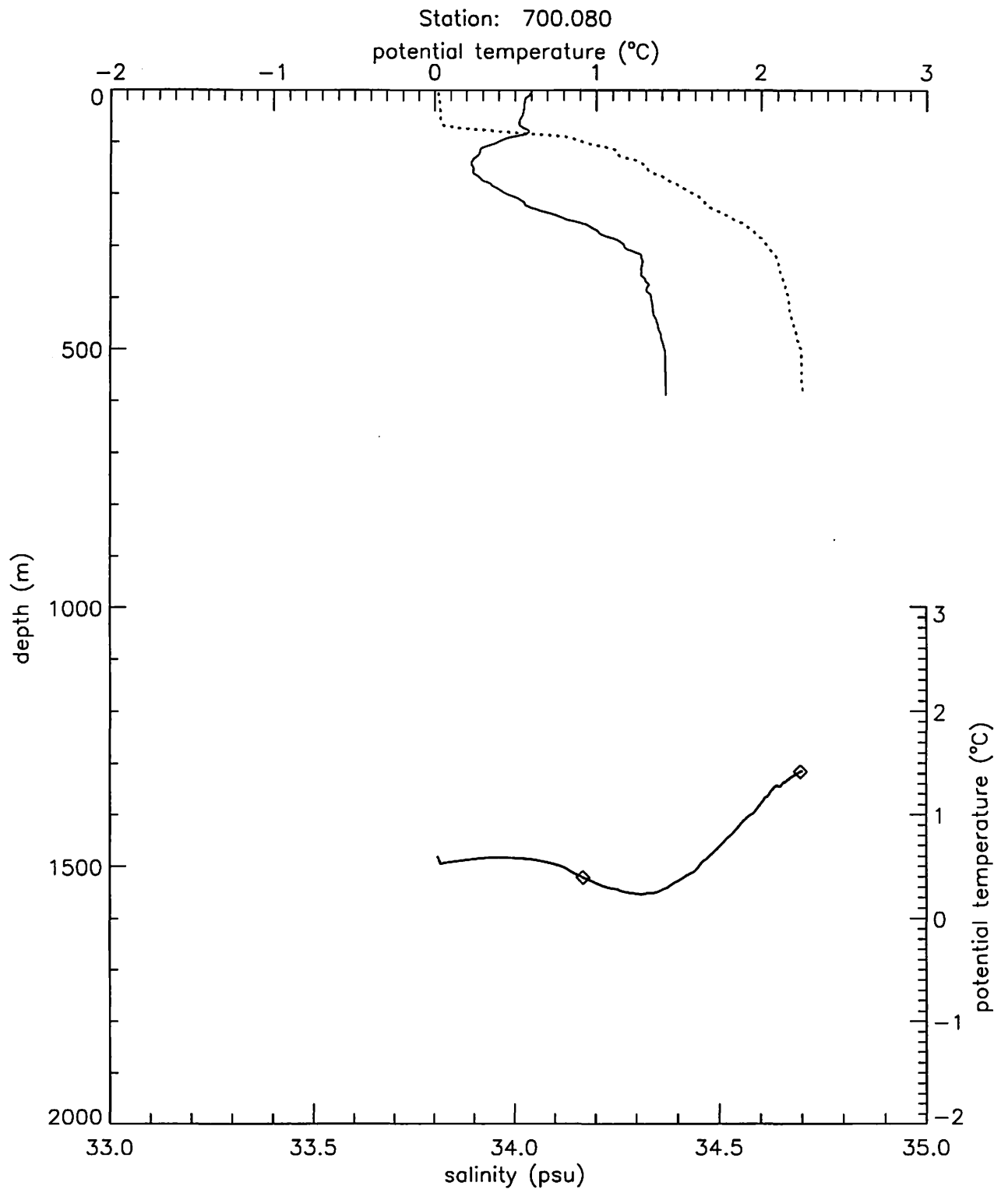
LTER 93b	Station:	700.070 (134)	JulianDay:	93	GMT:	1611
	Latitude:	64° 4.680' S	Longitude:	63° 30.530' W	Depth:	660 m
	Barometer:	994.8 mb	RelHumidity:	98.9%	AirTemp:	1.0°C
	RH Temp:	1.4°C	WindSpeed:	1.8 m s ⁻¹	WindDir:	81°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
6	0.551	33.807	0.550	27.113	31.816	0.002	2.10e-06
10	0.544	33.807	0.543	27.114	31.816	0.004	2.00e-06
20	0.524	33.809	0.523	27.117	31.820	0.013	1.20e-06
30	0.514	33.811	0.512	27.119	31.822	0.023	1.90e-06
40	0.491	33.816	0.489	27.124	31.828	0.032	1.40e-05
50	0.418	33.828	0.416	27.138	31.844	0.042	1.70e-05
60	0.354	33.854	0.352	27.162	31.870	0.051	1.70e-05
70	0.513	33.980	0.510	27.255	31.957	0.059	1.20e-04
80	0.480	34.090	0.477	27.345	32.047	0.067	6.60e-05
90	0.444	34.118	0.440	27.370	32.073	0.074	2.10e-05
100	0.418	34.152	0.414	27.399	32.103	0.081	1.70e-05
110	0.370	34.189	0.365	27.431	32.136	0.087	6.50e-05
120	0.298	34.256	0.294	27.489	32.196	0.093	5.20e-05
130	0.317	34.306	0.312	27.529	32.234	0.099	2.70e-05
140	0.333	34.340	0.327	27.555	32.260	0.104	3.50e-05
150	0.365	34.366	0.359	27.574	32.278	0.109	2.10e-05
160	0.411	34.398	0.405	27.597	32.299	0.114	2.30e-05
180	0.507	34.447	0.500	27.632	32.331	0.123	2.40e-05
200	0.649	34.481	0.640	27.650	32.345	0.131	1.70e-05
220	0.864	34.528	0.854	27.675	32.363	0.139	7.80e-06
240	0.950	34.549	0.939	27.686	32.371	0.146	1.20e-05
260	1.033	34.569	1.020	27.696	32.379	0.154	3.30e-06
280	1.115	34.590	1.102	27.708	32.388	0.162	5.60e-06
300	1.179	34.608	1.164	27.719	32.397	0.170	4.50e-06
320	1.202	34.614	1.186	27.721	32.399	0.177	-2.70e-07
340	1.244	34.624	1.227	27.726	32.403	0.183	4.00e-06
360	1.269	34.635	1.251	27.734	32.410	0.190	2.60e-06
380	1.281	34.644	1.262	27.740	32.416	0.197	3.30e-06
400	1.287	34.647	1.267	27.742	32.418	0.204	1.20e-06
420	1.307	34.653	1.285	27.745	32.421	0.211	1.00e-06
440	1.329	34.659	1.306	27.748	32.423	0.218	2.80e-07
460	1.349	34.664	1.326	27.751	32.426	0.225	3.70e-06
480	1.391	34.676	1.366	27.758	32.431	0.232	1.30e-06
500	1.398	34.678	1.372	27.759	32.432	0.239	1.90e-06
550	1.420	34.686	1.391	27.764	32.437	0.256	3.20e-07
600	1.428	34.689	1.396	27.765	32.438	0.272	1.30e-07
650	1.443	34.693	1.408	27.768	32.441	0.289	1.70e-06
658	1.444	34.694	1.409	27.768	32.441	0.289	5.30e-08



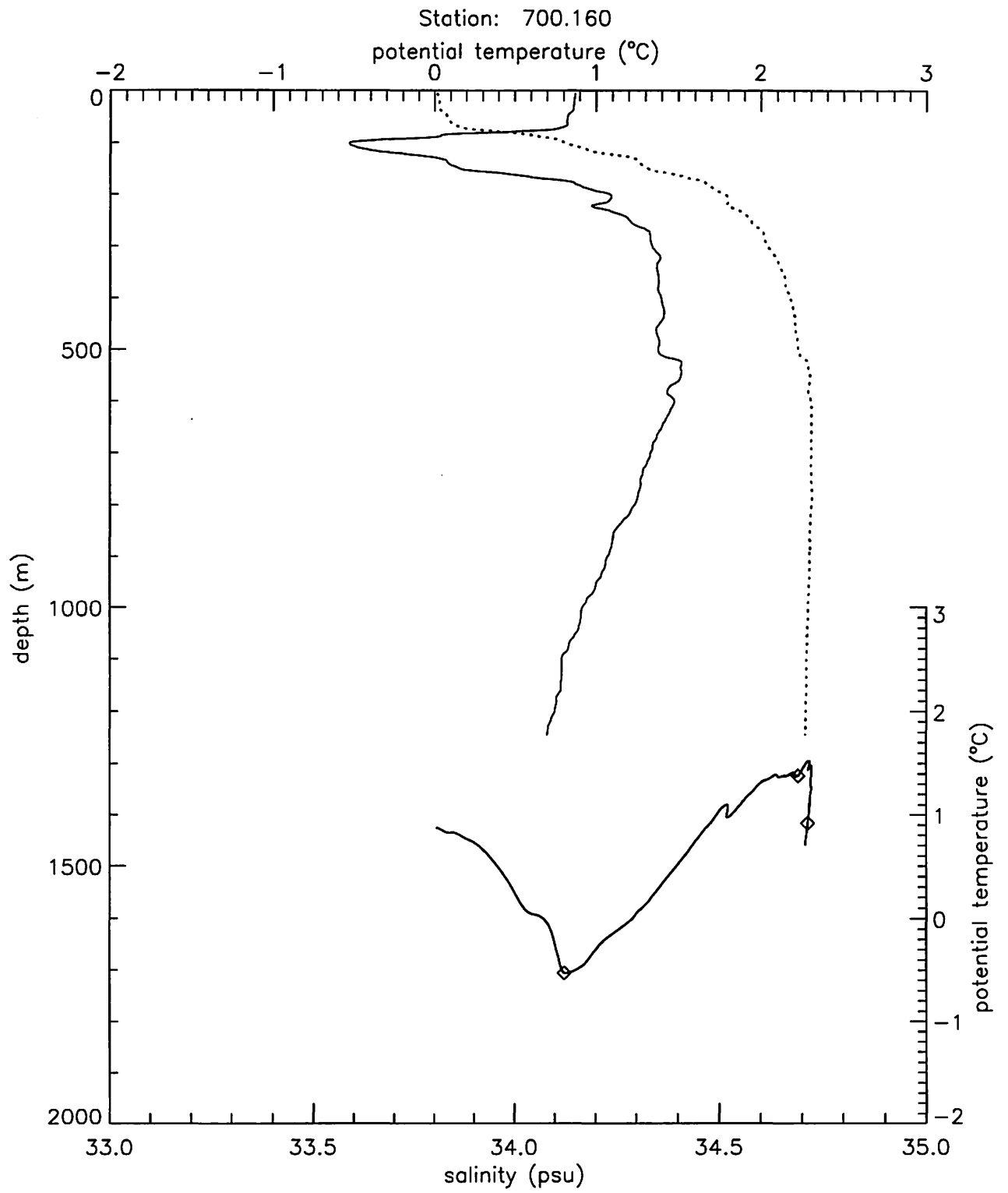
LTER 93b	Station:	700.080 (137)	JulianDay:	93	GMT:	1755
	Latitude:	64° 1.240' S	Longitude:	63° 39.920' W	Depth:	590 m
	Barometer:	994.7 mb	RelHumidity:	99.7%	AirTemp:	1.2°C
	RH Temp:	1.4°C	WindSpeed:	2.2 m s ⁻¹	WindDir:	126°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	0.591	33.809	0.591	27.112	31.813	0.002	-5.60e-06
10	0.589	33.809	0.588	27.113	31.814	0.005	1.70e-06
20	0.561	33.811	0.561	27.116	31.818	0.015	3.50e-07
30	0.558	33.812	0.557	27.117	31.819	0.024	1.10e-07
40	0.554	33.813	0.552	27.118	31.820	0.033	9.90e-07
50	0.544	33.814	0.542	27.119	31.822	0.043	1.50e-06
60	0.528	33.814	0.526	27.120	31.824	0.052	1.70e-06
70	0.542	33.837	0.539	27.138	31.840	0.061	5.60e-05
80	0.588	33.966	0.585	27.239	31.939	0.069	1.10e-04
90	0.490	34.124	0.487	27.372	32.074	0.077	7.80e-05
100	0.398	34.169	0.394	27.414	32.118	0.084	3.60e-05
110	0.314	34.218	0.310	27.458	32.165	0.090	5.00e-05
120	0.286	34.252	0.281	27.487	32.194	0.096	6.70e-06
130	0.263	34.267	0.258	27.501	32.208	0.101	3.90e-05
140	0.236	34.308	0.231	27.535	32.243	0.107	1.70e-05
150	0.249	34.325	0.243	27.548	32.255	0.113	5.20e-06
160	0.248	34.337	0.241	27.558	32.265	0.117	2.50e-05
180	0.347	34.391	0.340	27.596	32.300	0.127	1.60e-05
200	0.450	34.436	0.442	27.626	32.326	0.135	1.50e-05
220	0.572	34.466	0.562	27.643	32.340	0.145	5.70e-06
240	0.754	34.513	0.744	27.670	32.361	0.153	1.10e-05
260	0.959	34.561	0.947	27.695	32.380	0.160	8.70e-06
280	1.059	34.590	1.046	27.712	32.394	0.168	4.40e-06
300	1.186	34.615	1.171	27.723	32.402	0.176	6.30e-06
320	1.292	34.636	1.276	27.733	32.409	0.183	2.80e-06
340	1.295	34.643	1.278	27.738	32.413	0.190	2.30e-06
360	1.305	34.650	1.287	27.743	32.418	0.197	2.50e-06
380	1.331	34.658	1.312	27.748	32.422	0.204	2.50e-07
400	1.357	34.665	1.336	27.752	32.426	0.211	6.70e-07
420	1.368	34.669	1.346	27.754	32.427	0.218	7.30e-07
440	1.386	34.674	1.364	27.757	32.430	0.225	3.20e-06
460	1.405	34.681	1.381	27.761	32.433	0.231	9.20e-07
480	1.422	34.687	1.398	27.765	32.437	0.237	1.40e-06
500	1.445	34.697	1.419	27.771	32.442	0.244	2.70e-06
550	1.453	34.699	1.424	27.772	32.444	0.260	-1.20e-07
586	1.459	34.701	1.428	27.773	32.445	0.271	-2.80e-08



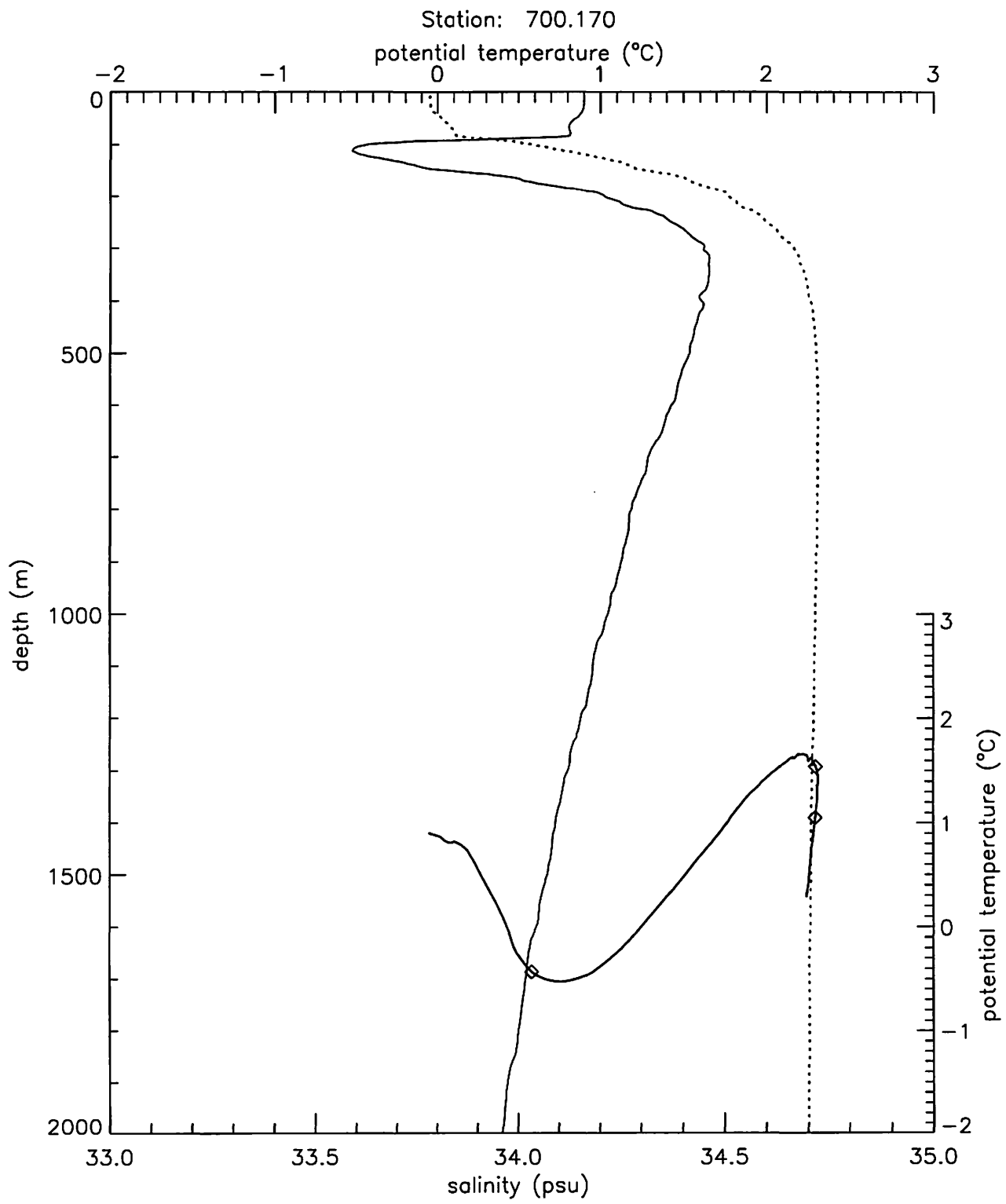
LTER 93b	Station: 700.160 (169)	JulianDay: 94	GMT: 1536
	Latitude: 63° 32.940' S	Longitude: 64° 53.050' W	Depth: 1228 m
	Barometer: 982.0 mb	RelHumidity: 100.7%	AirTemp: 2.8°C
	RH Temp: 3.3°C	WindSpeed: 13.6 m s ⁻¹	WindDir: 6°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	0.873	33.806	0.873	27.093	31.786	0.002	-1.10e-05
10	0.871	33.807	0.871	27.094	31.787	0.004	6.80e-06
20	0.867	33.811	0.866	27.098	31.791	0.013	3.80e-07
30	0.864	33.813	0.863	27.099	31.793	0.021	-4.30e-07
40	0.853	33.818	0.851	27.104	31.798	0.028	2.10e-05
50	0.829	33.831	0.827	27.116	31.810	0.036	5.00e-06
60	0.823	33.839	0.821	27.123	31.817	0.043	4.30e-06
70	0.801	33.866	0.798	27.146	31.841	0.052	4.30e-05
80	0.444	33.969	0.441	27.250	31.954	0.060	2.00e-04
90	-0.010	34.075	-0.013	27.360	32.077	0.067	1.10e-04
100	-0.526	34.123	-0.529	27.423	32.155	0.074	1.60e-05
110	-0.470	34.163	-0.473	27.453	32.183	0.080	2.30e-05
120	-0.250	34.210	-0.254	27.481	32.204	0.085	4.50e-05
130	0.025	34.294	0.020	27.535	32.249	0.091	2.20e-05
140	0.090	34.309	0.084	27.543	32.255	0.096	8.40e-06
150	0.160	34.327	0.154	27.555	32.265	0.100	9.30e-06
160	0.433	34.381	0.427	27.583	32.284	0.105	4.00e-05
180	0.880	34.468	0.872	27.626	32.313	0.114	8.30e-06
200	1.097	34.513	1.088	27.648	32.329	0.123	2.00e-05
220	1.011	34.519	1.001	27.658	32.341	0.130	1.70e-05
240	1.170	34.563	1.158	27.683	32.362	0.137	6.70e-06
260	1.254	34.584	1.241	27.694	32.370	0.144	4.30e-06
280	1.345	34.608	1.331	27.707	32.380	0.152	2.00e-06
300	1.359	34.617	1.344	27.713	32.387	0.158	2.60e-06
320	1.407	34.634	1.391	27.723	32.396	0.164	4.60e-06
340	1.388	34.646	1.371	27.734	32.407	0.169	3.70e-06
360	1.399	34.658	1.381	27.743	32.415	0.176	8.10e-07
380	1.397	34.660	1.378	27.745	32.417	0.182	1.90e-07
400	1.418	34.672	1.398	27.753	32.425	0.189	1.10e-06
420	1.434	34.678	1.412	27.756	32.428	0.195	2.90e-06
440	1.432	34.683	1.410	27.761	32.432	0.202	3.40e-06
460	1.390	34.683	1.367	27.764	32.436	0.208	9.10e-07
480	1.409	34.688	1.384	27.766	32.439	0.214	1.00e-06
500	1.408	34.691	1.382	27.769	32.441	0.220	1.80e-06
550	1.548	34.719	1.518	27.781	32.450	0.236	1.30e-06
600	1.511	34.722	1.479	27.786	32.456	0.251	1.80e-06
650	1.439	34.723	1.404	27.793	32.465	0.265	1.80e-06
700	1.373	34.722	1.335	27.796	32.471	0.280	1.00e-06
750	1.316	34.721	1.276	27.800	32.476	0.294	1.30e-07
800	1.281	34.722	1.238	27.803	32.480	0.308	1.50e-06
850	1.161	34.719	1.116	27.808	32.490	0.322	2.40e-06
900	1.121	34.718	1.073	27.811	32.493	0.336	1.80e-06
950	1.056	34.716	1.005	27.814	32.498	0.350	6.10e-08
1000	0.972	34.714	0.919	27.817	32.505	0.362	2.00e-07
1100	0.851	34.710	0.793	27.822	32.514	0.389	6.00e-08
1200	0.812	34.709	0.748	27.824	32.517	0.415	-1.40e-06
1242	0.773	34.708	0.707	27.825	32.520	0.425	1.20e-06



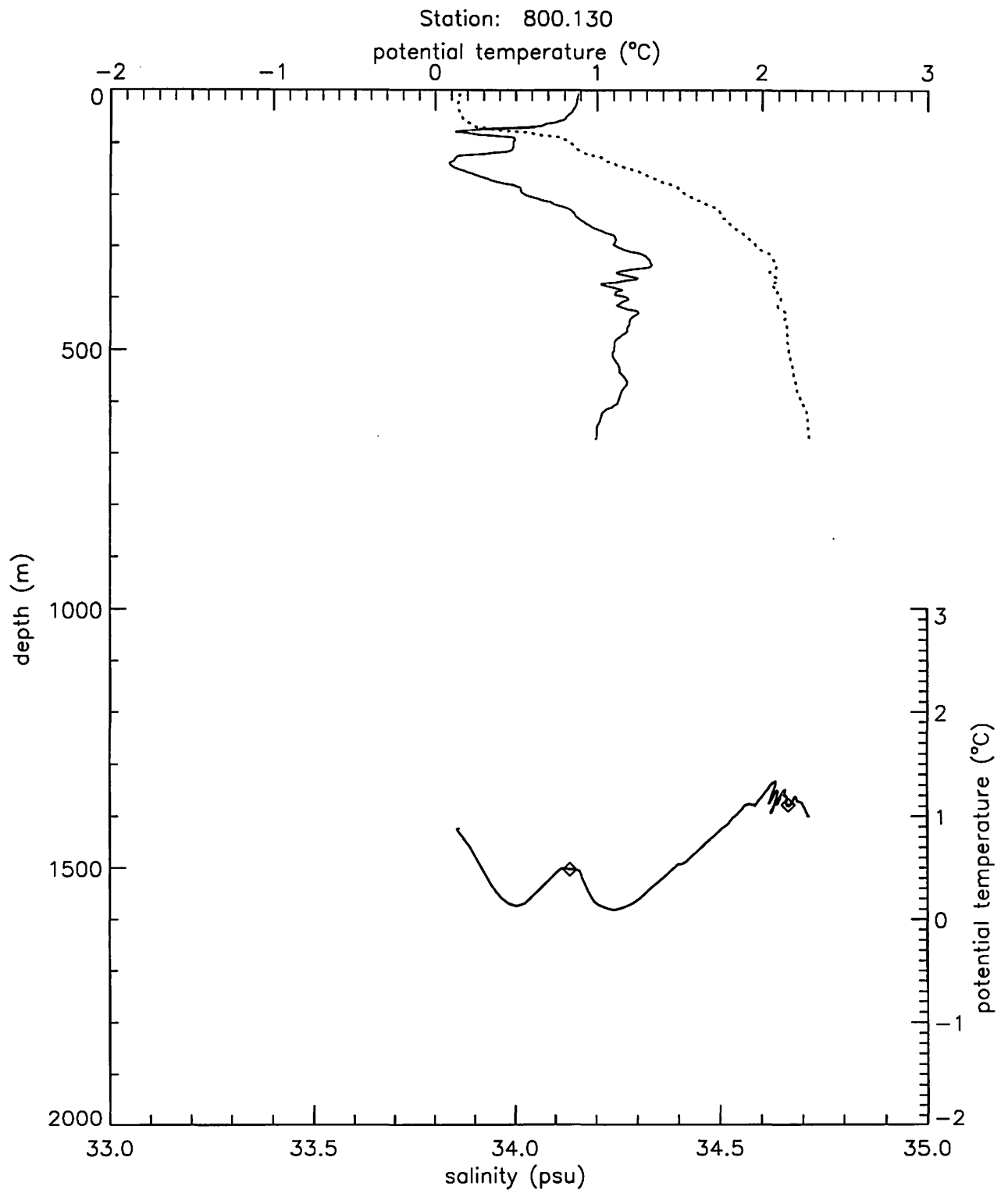
LTER 93b	Station:	700.170 (172)	JulianDay:	94	GMT:	1840
	Latitude:	63° 29.370' S	Longitude:	65° 2.050' W	Depth:	-999 m
	Barometer:	976.7 mb	RelHumidity:	101.5%	AirTemp:	2.6°C
	RH Temp:	3.2°C	WindSpeed:	17.9 m s ⁻¹	WindDir:	11°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	0.902	33.781	0.901	27.072	31.764	0.012	-1.50e-06
10	0.903	33.781	0.903	27.071	31.764	0.013	-6.80e-07
20	0.900	33.782	0.899	27.072	31.765	0.023	-1.10e-06
30	0.898	33.783	0.897	27.074	31.766	0.032	6.50e-06
40	0.885	33.795	0.883	27.084	31.776	0.041	1.30e-05
50	0.854	33.812	0.852	27.099	31.793	0.050	1.80e-05
60	0.819	33.825	0.816	27.112	31.806	0.058	7.50e-06
70	0.812	33.837	0.809	27.122	31.816	0.066	6.00e-06
80	0.821	33.844	0.818	27.127	31.822	0.073	7.20e-06
90	0.301	33.938	0.297	27.232	31.941	0.082	2.10e-04
100	-0.428	34.034	-0.431	27.347	32.077	0.089	5.60e-05
110	-0.521	34.095	-0.524	27.400	32.132	0.094	4.60e-05
120	-0.456	34.170	-0.460	27.458	32.188	0.100	3.80e-05
130	-0.290	34.228	-0.294	27.497	32.221	0.106	3.70e-05
140	-0.132	34.270	-0.137	27.524	32.243	0.110	1.50e-05
150	0.083	34.316	0.077	27.549	32.262	0.115	4.20e-05
160	0.390	34.382	0.383	27.586	32.289	0.119	2.60e-05
180	0.734	34.452	0.727	27.622	32.314	0.127	1.90e-05
200	1.039	34.512	1.030	27.650	32.333	0.135	2.40e-06
220	1.192	34.540	1.182	27.663	32.341	0.141	1.10e-05
240	1.401	34.589	1.389	27.688	32.360	0.148	6.20e-06
260	1.495	34.615	1.482	27.702	32.371	0.154	1.00e-05
280	1.572	34.639	1.558	27.715	32.382	0.160	6.30e-06
300	1.642	34.666	1.627	27.732	32.397	0.166	6.20e-06
320	1.675	34.678	1.658	27.739	32.403	0.172	2.20e-06
340	1.675	34.689	1.657	27.747	32.412	0.179	2.30e-06
360	1.671	34.695	1.652	27.753	32.417	0.185	1.20e-06
380	1.654	34.700	1.634	27.758	32.423	0.191	4.60e-06
400	1.631	34.704	1.610	27.763	32.429	0.197	2.60e-06
420	1.627	34.711	1.605	27.769	32.435	0.203	2.90e-06
440	1.608	34.713	1.584	27.772	32.439	0.209	2.00e-06
460	1.591	34.715	1.567	27.775	32.442	0.214	9.10e-07
480	1.576	34.718	1.550	27.778	32.446	0.219	2.80e-06
500	1.567	34.719	1.540	27.780	32.448	0.225	1.80e-07
550	1.511	34.723	1.482	27.787	32.457	0.238	6.10e-07
600	1.465	34.724	1.433	27.791	32.462	0.250	1.60e-06
650	1.412	34.724	1.377	27.795	32.468	0.264	-1.10e-08
700	1.331	34.723	1.293	27.800	32.476	0.279	1.10e-06
750	1.288	34.723	1.248	27.803	32.480	0.291	5.90e-07
800	1.233	34.722	1.191	27.806	32.485	0.303	2.00e-06
850	1.211	34.721	1.165	27.807	32.487	0.315	8.40e-07
900	1.178	34.720	1.130	27.808	32.489	0.327	7.80e-07
950	1.142	34.719	1.090	27.810	32.492	0.340	1.40e-06
1000	1.105	34.718	1.051	27.812	32.495	0.352	1.40e-06
1100	1.018	34.715	0.958	27.815	32.502	0.378	1.30e-07
1200	0.948	34.713	0.883	27.818	32.507	0.402	-4.50e-08
1300	0.879	34.711	0.808	27.821	32.513	0.427	1.20e-06
1400	0.808	34.708	0.731	27.824	32.518	0.454	9.00e-08
1500	0.764	34.707	0.680	27.825	32.521	0.478	1.20e-06
1600	0.702	34.706	0.612	27.828	32.526	0.502	4.00e-07
1700	0.643	34.704	0.547	27.830	32.531	0.527	6.80e-07
1800	0.605	34.703	0.502	27.832	32.534	0.551	3.60e-07
1900	0.544	34.702	0.435	27.835	32.539	0.576	6.20e-07
2000	0.519	34.701	0.402	27.835	32.541	0.599	4.80e-07
2200	0.454	34.698	0.324	27.837	32.545	0.644	1.20e-07
2400	0.444	34.696	0.298	27.836	32.547	0.690	3.80e-07
2414	0.443	34.696	0.296	27.836	32.547	0.692	-1.50e-06



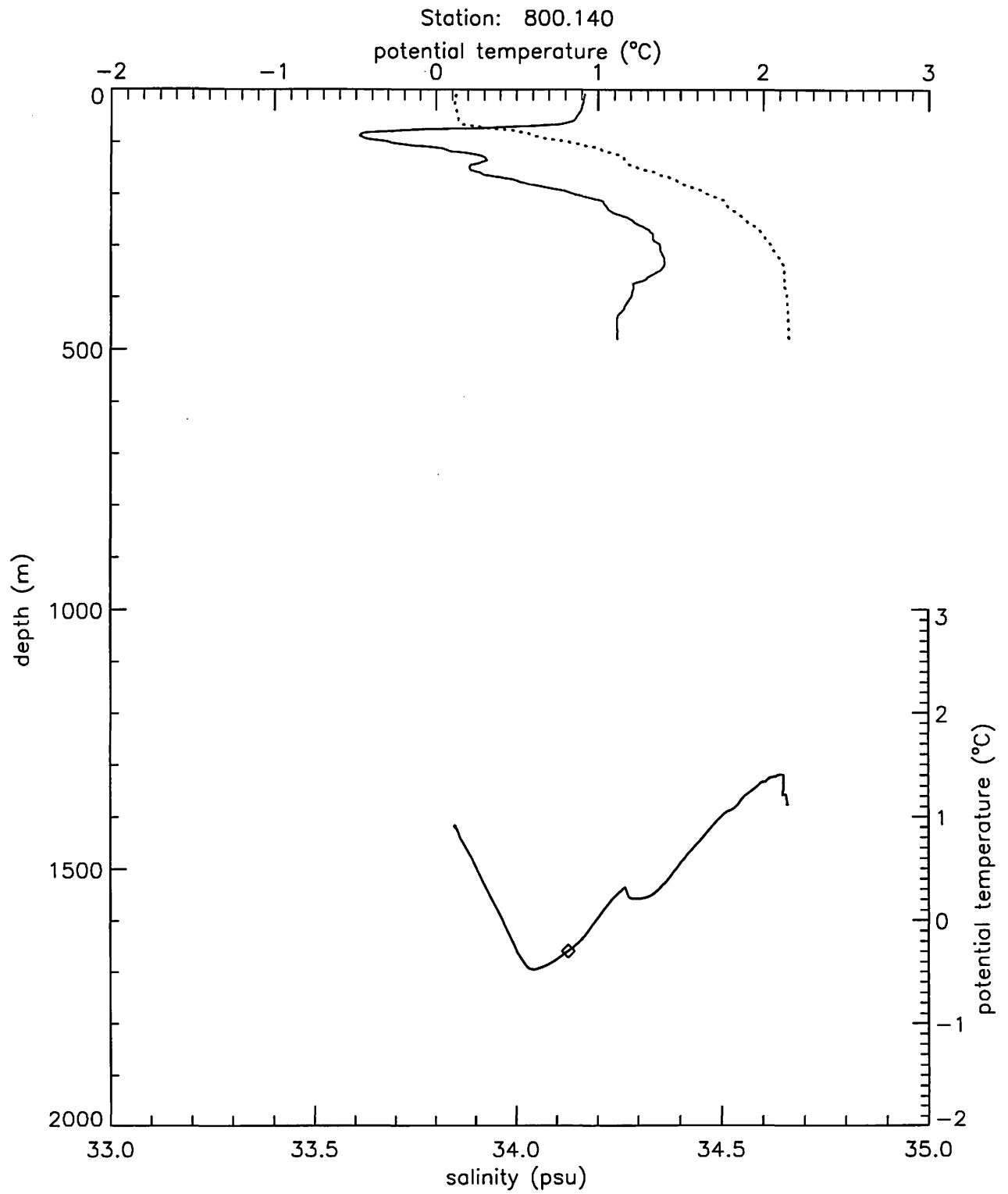
LTER 93b	Station:	800.130 (181)	JulianDay:	95	GMT:	1650
	Latitude:	63° 2.740' S	Longitude:	63° 7.510' W	Depth:	685 m
	Barometer:	995.4 mb	RelHumidity:	98.0%	AirTemp:	2.2°C
	RH Temp:	2.2°C	WindSpeed:	9.1 m s ⁻¹	WindDir:	339°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	0.885	33.860	0.884	27.136	31.828	0.007	-1.30e-03
10	0.884	33.860	0.884	27.136	31.828	0.008	-7.50e-04
20	0.878	33.857	0.877	27.134	31.827	0.015	1.10e-06
30	0.870	33.857	0.869	27.134	31.827	0.022	2.10e-06
40	0.853	33.859	0.851	27.137	31.830	0.029	3.40e-06
50	0.818	33.866	0.816	27.145	31.839	0.037	5.60e-06
60	0.765	33.876	0.763	27.157	31.852	0.045	2.50e-05
70	0.625	33.899	0.623	27.183	31.883	0.050	8.00e-05
80	0.158	34.025	0.155	27.311	32.023	0.058	5.70e-05
90	0.493	34.113	0.490	27.363	32.065	0.063	4.80e-05
100	0.487	34.135	0.484	27.381	32.083	0.067	1.20e-05
110	0.484	34.151	0.480	27.394	32.096	0.072	1.10e-05
120	0.345	34.172	0.340	27.419	32.125	0.077	5.60e-05
130	0.133	34.213	0.128	27.464	32.175	0.081	-1.10e-06
140	0.096	34.244	0.091	27.491	32.203	0.084	1.80e-05
150	0.149	34.283	0.144	27.520	32.230	0.089	2.50e-05
160	0.248	34.316	0.242	27.541	32.248	0.093	1.60e-05
180	0.479	34.381	0.471	27.580	32.281	0.101	2.50e-05
200	0.570	34.419	0.561	27.605	32.302	0.107	1.10e-05
220	0.770	34.471	0.760	27.635	32.326	0.113	8.30e-06
240	0.880	34.502	0.869	27.653	32.340	0.120	1.00e-05
260	0.972	34.526	0.960	27.666	32.351	0.128	5.50e-06
280	1.121	34.562	1.108	27.685	32.366	0.133	3.80e-06
300	1.130	34.587	1.115	27.705	32.385	0.139	2.80e-06
320	1.313	34.623	1.297	27.721	32.395	0.145	5.60e-06
340	1.345	34.635	1.328	27.728	32.402	0.150	8.70e-06
360	1.223	34.631	1.205	27.734	32.411	0.157	5.90e-06
380	1.111	34.629	1.093	27.740	32.421	0.163	-1.40e-05
400	1.201	34.644	1.181	27.746	32.424	0.168	6.80e-06
420	1.179	34.640	1.158	27.744	32.423	0.173	1.20e-05
440	1.231	34.656	1.209	27.753	32.430	0.179	1.30e-06
460	1.207	34.661	1.184	27.759	32.437	0.185	1.10e-06
480	1.147	34.660	1.123	27.763	32.443	0.190	5.00e-06
500	1.135	34.665	1.110	27.767	32.448	0.196	3.20e-06
550	1.188	34.677	1.160	27.773	32.452	0.210	2.40e-06
600	1.160	34.699	1.129	27.793	32.472	0.223	1.60e-06
650	1.037	34.712	1.004	27.812	32.495	0.236	2.30e-07
669	1.036	34.714	1.002	27.813	32.497	0.240	1.80e-06



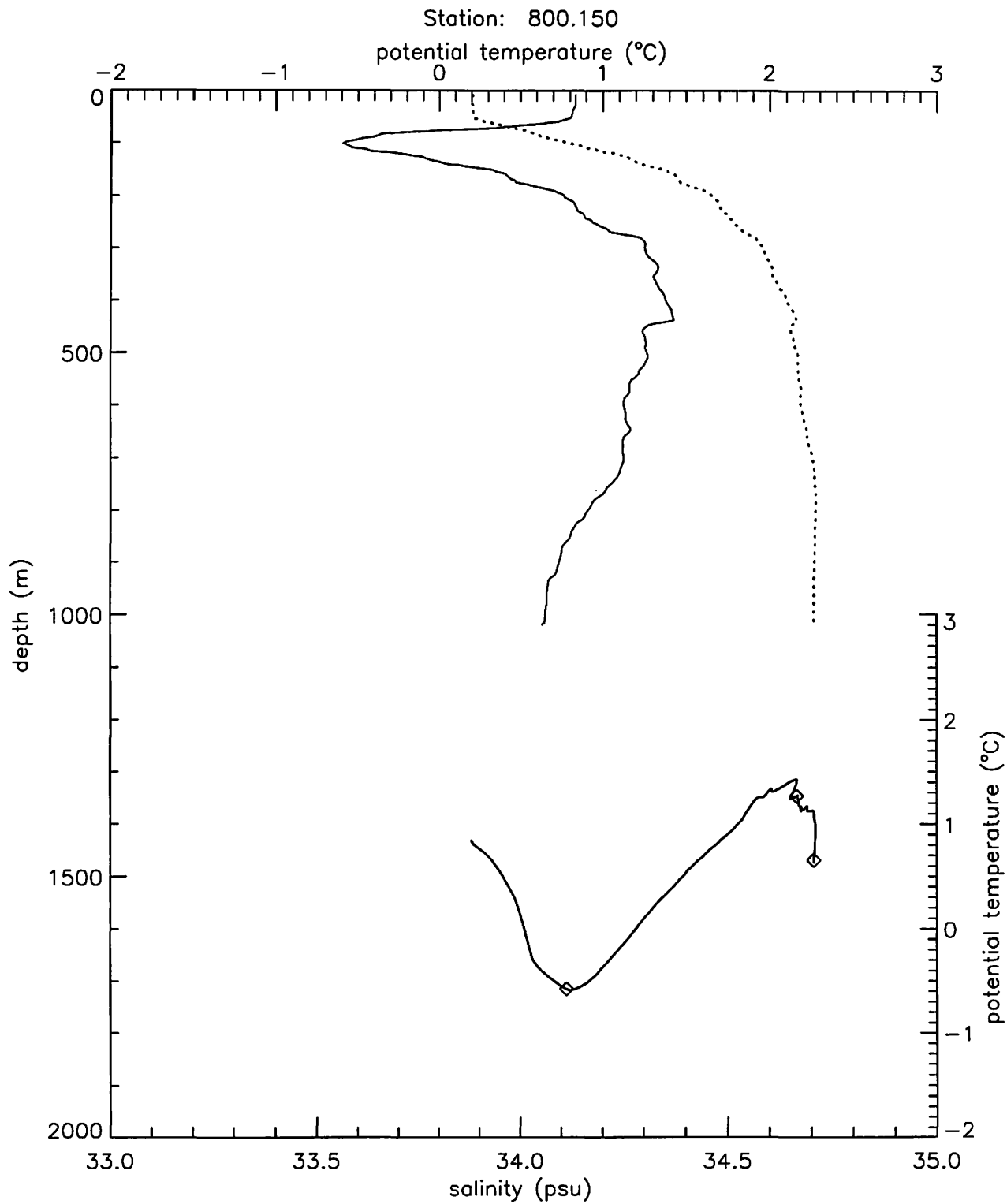
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
9	0.920	33.850	0.920	27.126	31.817	0.031	3.90e-04
10	0.919	33.850	0.918	27.126	31.817	0.032	3.10e-04
20	0.912	33.847	0.911	27.124	31.815	0.040	5.10e-07
30	0.905	33.848	0.904	27.125	31.817	0.049	3.70e-06
40	0.896	33.851	0.895	27.128	31.820	0.057	3.60e-06
50	0.874	33.854	0.872	27.132	31.825	0.064	2.40e-06
60	0.849	33.857	0.846	27.136	31.829	0.073	8.00e-06
70	0.501	33.903	0.498	27.193	31.896	0.081	4.30e-05
80	-0.307	34.004	-0.309	27.317	32.043	0.087	1.00e-04
90	-0.463	34.056	-0.465	27.367	32.097	0.094	2.70e-05
100	-0.293	34.129	-0.296	27.417	32.142	0.100	4.40e-05
110	-0.018	34.192	-0.022	27.455	32.171	0.105	7.20e-06
120	0.179	34.229	0.175	27.475	32.185	0.108	1.90e-05
130	0.314	34.263	0.309	27.495	32.200	0.113	7.20e-06
140	0.279	34.272	0.274	27.504	32.210	0.118	3.60e-05
150	0.216	34.299	0.210	27.529	32.237	0.121	4.50e-05
160	0.286	34.345	0.279	27.562	32.268	0.125	5.30e-05
180	0.573	34.404	0.566	27.593	32.290	0.132	1.90e-05
200	0.862	34.466	0.853	27.625	32.314	0.139	4.00e-06
220	1.050	34.510	1.040	27.648	32.331	0.145	4.00e-06
240	1.138	34.542	1.127	27.668	32.348	0.153	1.40e-05
260	1.262	34.572	1.249	27.684	32.360	0.158	9.80e-06
280	1.351	34.600	1.337	27.700	32.374	0.165	6.70e-06
300	1.392	34.618	1.377	27.711	32.384	0.172	1.30e-06
320	1.410	34.635	1.394	27.724	32.396	0.178	7.50e-07
340	1.419	34.650	1.402	27.735	32.407	0.184	2.80e-06
360	1.333	34.650	1.315	27.741	32.415	0.190	1.90e-06
380	1.237	34.651	1.218	27.749	32.426	0.196	2.10e-06
400	1.223	34.657	1.203	27.755	32.432	0.201	2.50e-06
420	1.183	34.659	1.162	27.759	32.437	0.208	1.50e-06
440	1.141	34.660	1.119	27.762	32.442	0.213	4.60e-07
460	1.141	34.661	1.118	27.763	32.443	0.219	-9.50e-08
475	1.143	34.661	1.119	27.763	32.443	0.222	-4.50e-07

ITER 93b **Station:** 800.140 (184) **JulianDay:** 95 **GMT:** 1932
Latitude: 62° 59.330' S **Longitude:** 63° 16.750' W **Depth:** 487 m
Barometer: 995.2 mb **RelHumidity:** 99.9% **AirTemp:** 2.1°C
RH Temp: 1.7°C **WindSpeed:** 8.7 m s⁻¹ **WindDir:** 20°



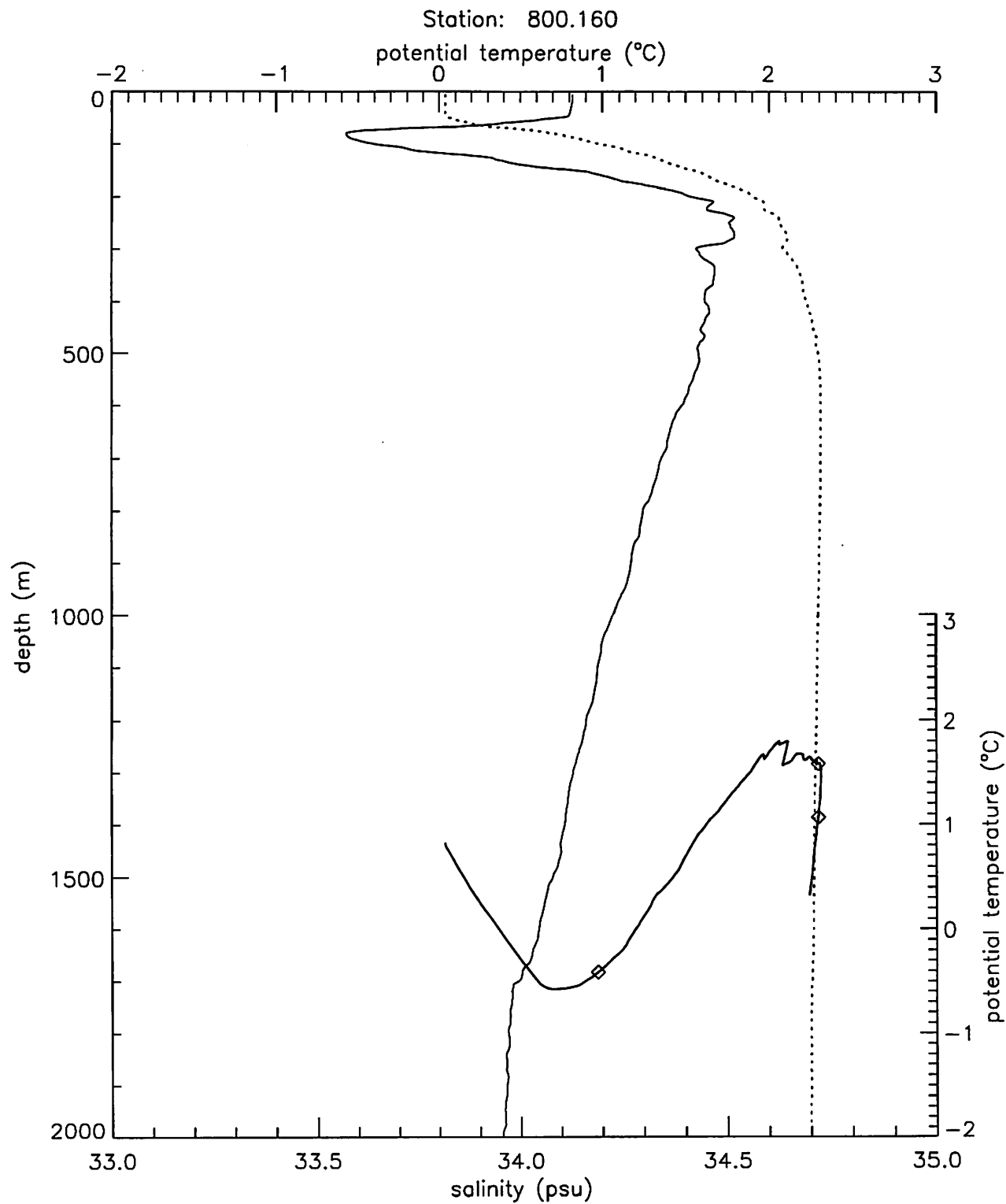
LTER 93b	Station:	800.150 (190)	JulianDay:	96	GMT:	0004
	Latitude:	62° 55.780' S	Longitude:	63° 25.000' W	Depth:	1035 m
	Barometer:	990.9 mb	RelHumidity:	101.2%	AirTemp:	1.7°C
	RH Temp:	1.5°C	WindSpeed:	7.1 m s ⁻¹	WindDir:	42°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	0.836	33.882	0.835	27.157	31.850	0.001	1.80e-06
10	0.836	33.882	0.836	27.156	31.850	0.003	5.80e-07
20	0.836	33.881	0.835	27.156	31.850	0.009	-5.60e-07
30	0.834	33.882	0.832	27.157	31.850	0.018	3.10e-06
40	0.818	33.884	0.817	27.159	31.853	0.026	9.60e-07
50	0.812	33.885	0.810	27.161	31.855	0.034	4.10e-06
60	0.728	33.913	0.725	27.188	31.884	0.041	4.80e-05
70	0.403	33.972	0.400	27.255	31.960	0.049	6.40e-05
80	-0.172	34.022	-0.174	27.325	32.047	0.055	3.40e-05
90	-0.407	34.055	-0.410	27.363	32.092	0.060	5.50e-05
100	-0.575	34.113	-0.578	27.417	32.151	0.066	3.40e-05
110	-0.538	34.153	-0.541	27.448	32.180	0.070	1.30e-05
120	-0.265	34.223	-0.270	27.492	32.216	0.074	4.60e-05
130	-0.082	34.264	-0.087	27.516	32.234	0.078	1.00e-05
140	0.025	34.284	0.020	27.527	32.241	0.082	4.70e-06
150	0.288	34.340	0.282	27.558	32.264	0.086	2.50e-05
160	0.417	34.373	0.410	27.577	32.279	0.089	4.30e-06
180	0.563	34.403	0.555	27.593	32.291	0.095	1.10e-05
200	0.775	34.461	0.766	27.627	32.318	0.103	6.30e-06
220	0.848	34.482	0.838	27.638	32.327	0.109	7.80e-07
240	0.899	34.497	0.889	27.647	32.335	0.114	3.90e-06
260	1.020	34.527	1.008	27.664	32.348	0.121	9.00e-06
280	1.233	34.564	1.219	27.679	32.357	0.127	7.10e-06
300	1.268	34.582	1.253	27.692	32.368	0.132	7.70e-06
320	1.301	34.593	1.285	27.698	32.373	0.138	3.60e-06
340	1.351	34.605	1.334	27.704	32.378	0.144	-1.40e-06
360	1.327	34.611	1.309	27.711	32.385	0.149	4.70e-06
380	1.364	34.626	1.345	27.720	32.394	0.154	7.00e-06
400	1.399	34.640	1.379	27.729	32.402	0.160	3.10e-06
420	1.435	34.655	1.413	27.738	32.410	0.166	4.30e-06
440	1.437	34.666	1.415	27.747	32.418	0.172	1.00e-05
460	1.264	34.650	1.240	27.747	32.423	0.179	-5.70e-07
480	1.281	34.658	1.257	27.751	32.427	0.185	1.30e-06
500	1.293	34.665	1.267	27.756	32.432	0.191	4.10e-06
550	1.217	34.670	1.189	27.766	32.444	0.204	4.80e-06
600	1.158	34.675	1.127	27.774	32.454	0.216	-6.20e-09
650	1.199	34.690	1.166	27.783	32.462	0.230	3.10e-06
700	1.164	34.702	1.127	27.795	32.475	0.241	8.80e-07
750	1.091	34.707	1.053	27.804	32.487	0.254	2.70e-06
800	0.954	34.710	0.914	27.816	32.502	0.267	2.40e-06
850	0.851	34.709	0.808	27.821	32.511	0.279	1.60e-06
900	0.785	34.708	0.740	27.825	32.517	0.291	5.80e-07
950	0.717	34.707	0.669	27.828	32.522	0.303	4.40e-07
1000	0.705	34.706	0.655	27.828	32.523	0.314	-5.10e-07
1017	0.703	34.706	0.652	27.829	32.523	0.318	4.60e-07



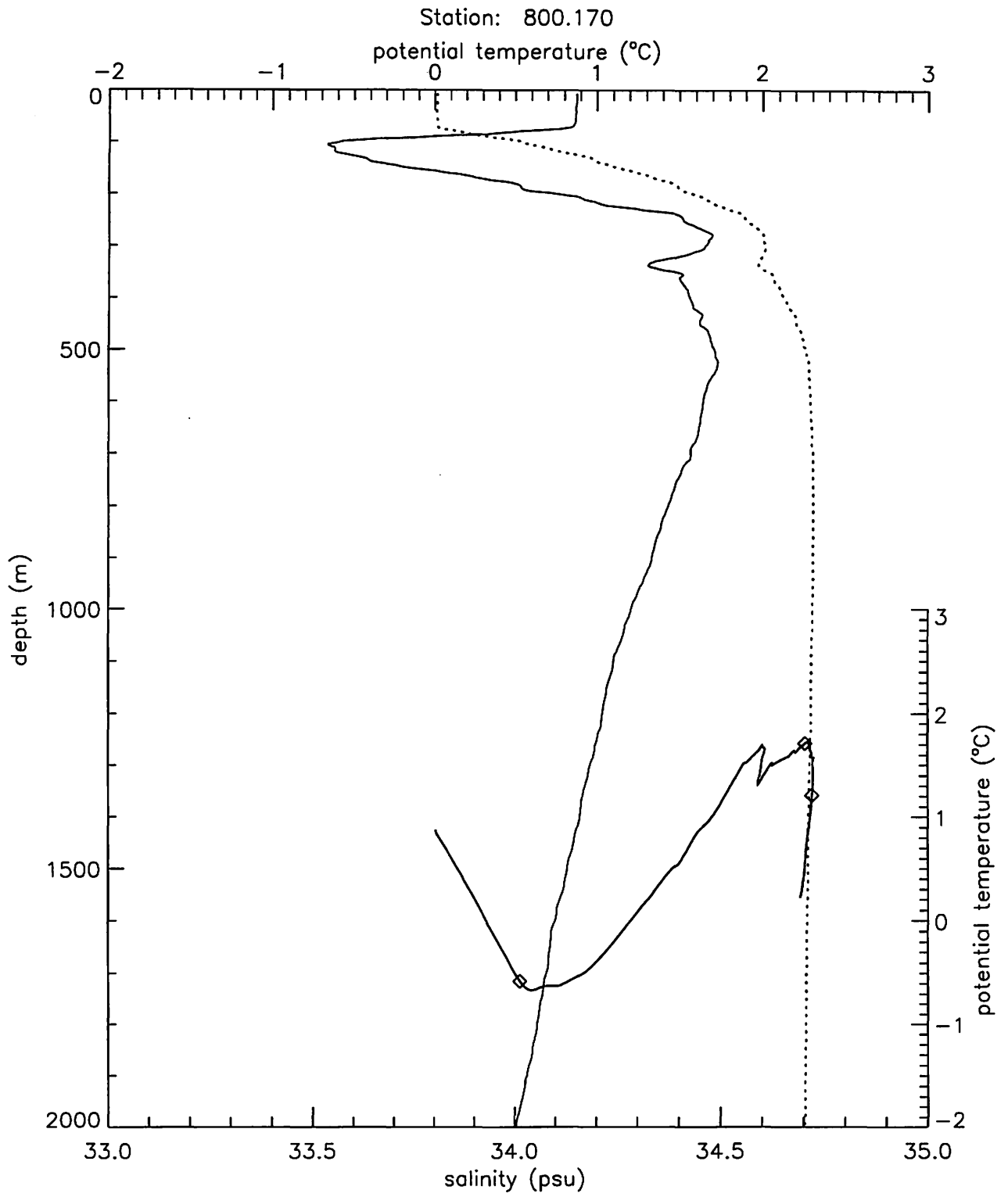
LTER 93b	Station: 800.160 (191)	JulianDay: 96	GMT: 0211
	Latitude: 62° 52.330' S	Longitude: 63° 34.740' W	Depth: -999 m
	Barometer: 987.5 mb	RelHumidity: 100.8%	AirTemp: 1.2°C
	RH Temp: 1.0°C	WindSpeed: 11.2 m s ⁻¹	WindDir: 18°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
6	0.821	33.815	0.820	27.104	31.799	0.003	2.80e-04
10	0.820	33.815	0.819	27.104	31.798	0.005	5.10e-05
20	0.819	33.815	0.818	27.104	31.798	0.013	-2.50e-07
30	0.812	33.815	0.811	27.104	31.799	0.023	3.10e-07
40	0.806	33.815	0.804	27.104	31.799	0.032	1.70e-06
50	0.746	33.823	0.744	27.115	31.811	0.039	9.70e-06
60	0.407	33.874	0.404	27.176	31.882	0.046	4.70e-05
70	-0.095	33.964	-0.097	27.274	31.995	0.054	2.50e-04
80	-0.572	34.073	-0.575	27.385	32.119	0.060	4.30e-05
90	-0.543	34.138	-0.545	27.436	32.168	0.066	2.50e-05
100	-0.410	34.189	-0.413	27.471	32.199	0.072	3.90e-05
110	-0.195	34.247	-0.199	27.508	32.229	0.077	1.60e-05
120	0.079	34.291	0.074	27.530	32.242	0.083	2.50e-05
130	0.350	34.334	0.345	27.550	32.254	0.088	2.40e-05
140	0.495	34.369	0.490	27.569	32.269	0.091	1.40e-05
150	0.811	34.416	0.804	27.588	32.278	0.096	6.50e-06
160	1.002	34.450	0.995	27.603	32.287	0.100	1.20e-05
180	1.287	34.508	1.278	27.631	32.306	0.109	2.00e-05
200	1.542	34.561	1.532	27.655	32.323	0.117	5.20e-06
220	1.645	34.588	1.633	27.669	32.335	0.124	4.00e-06
240	1.807	34.624	1.794	27.685	32.346	0.132	4.50e-06
260	1.792	34.635	1.778	27.695	32.356	0.138	5.70e-06
280	1.800	34.645	1.785	27.703	32.363	0.145	4.20e-06
300	1.578	34.634	1.563	27.711	32.378	0.151	4.10e-06
320	1.636	34.656	1.619	27.724	32.389	0.158	1.90e-06
340	1.694	34.672	1.676	27.732	32.396	0.163	2.60e-06
360	1.687	34.680	1.668	27.739	32.403	0.170	8.40e-07
380	1.641	34.683	1.621	27.745	32.411	0.175	-7.30e-08
400	1.636	34.689	1.615	27.750	32.416	0.181	3.30e-06
420	1.668	34.697	1.645	27.755	32.420	0.186	4.20e-06
440	1.641	34.704	1.617	27.762	32.428	0.193	3.10e-06
460	1.624	34.709	1.600	27.768	32.434	0.198	1.30e-06
480	1.610	34.713	1.584	27.772	32.439	0.204	-6.90e-08
500	1.606	34.718	1.579	27.776	32.443	0.208	1.70e-06
550	1.577	34.723	1.547	27.783	32.451	0.221	4.80e-07
600	1.511	34.725	1.479	27.788	32.459	0.235	3.10e-06
650	1.443	34.725	1.408	27.794	32.466	0.248	4.60e-07
700	1.395	34.724	1.357	27.796	32.470	0.261	1.70e-06
750	1.353	34.724	1.313	27.799	32.474	0.275	1.10e-06
800	1.289	34.723	1.246	27.803	32.480	0.289	2.40e-08
850	1.267	34.722	1.221	27.804	32.482	0.302	3.40e-06
900	1.222	34.721	1.174	27.806	32.486	0.315	3.50e-07
950	1.189	34.720	1.137	27.808	32.489	0.327	7.80e-07
1000	1.121	34.719	1.067	27.811	32.494	0.340	1.20e-06
1100	1.032	34.715	0.973	27.815	32.501	0.364	-4.30e-07
1200	0.969	34.714	0.903	27.817	32.506	0.388	-3.10e-07
1300	0.894	34.711	0.823	27.820	32.511	0.414	1.60e-07
1400	0.850	34.710	0.772	27.822	32.515	0.436	1.00e-05
1500	0.782	34.708	0.698	27.825	32.520	0.458	2.40e-07
1600	0.701	34.706	0.611	27.828	32.526	0.482	2.50e-07
1700	0.579	34.703	0.484	27.833	32.535	0.505	5.70e-06
1800	0.525	34.700	0.424	27.834	32.539	0.527	-3.30e-07
1900	0.523	34.700	0.415	27.834	32.539	0.549	1.40e-06
2000	0.503	34.699	0.387	27.835	32.541	0.572	3.80e-08
2150	0.448	34.697	0.322	27.836	32.545	0.606	8.90e-07



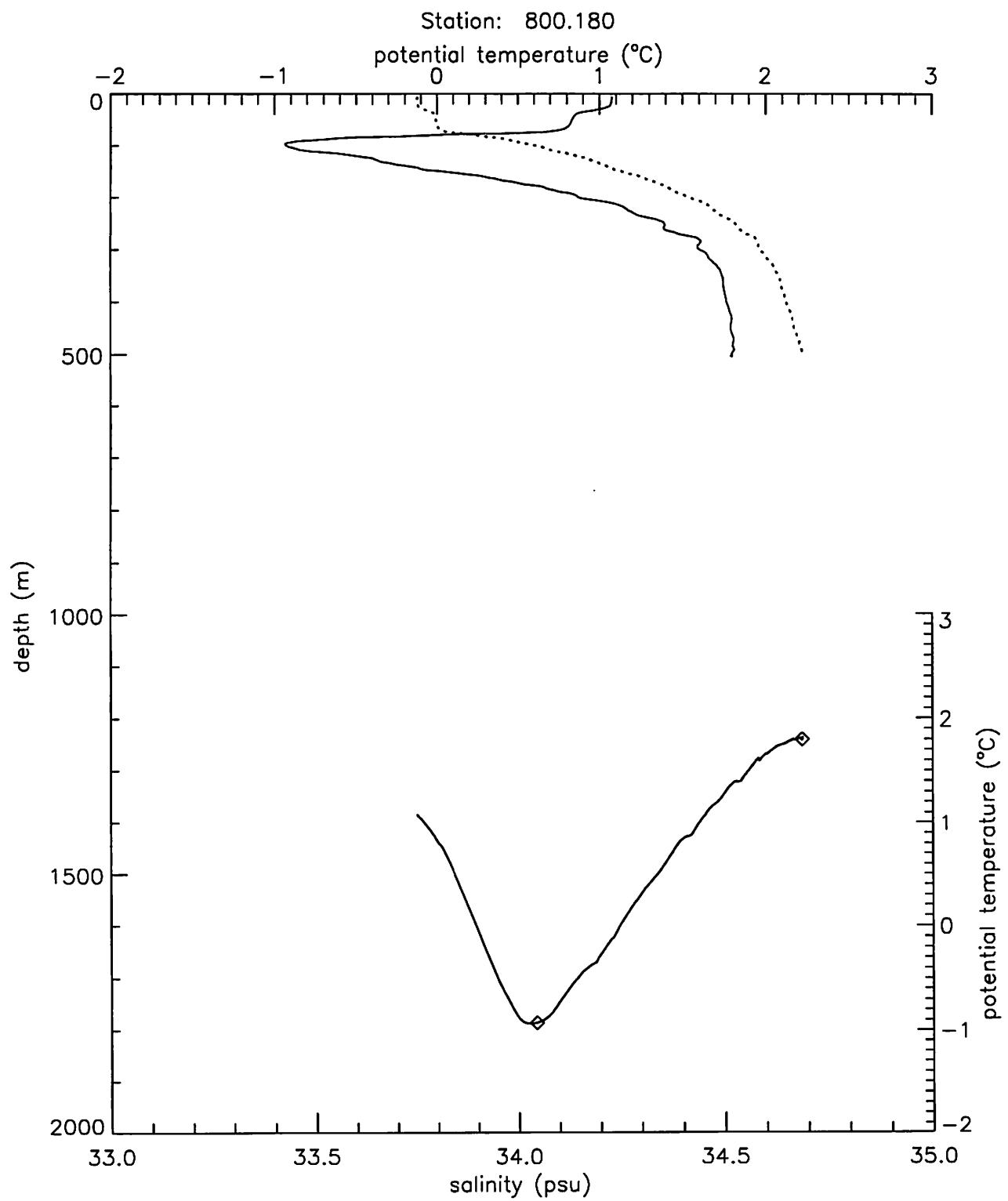
LTER 93b	Station:	800.170 (196)	JulianDay:	96	GMT:	0801
	Latitude:	62° 48.910' S	Longitude:	63° 43.800' W	Depth:	-999 m
	Barometer:	977.1 mb	RelHumidity:	100.3%	AirTemp:	1.6°C
	RH Temp:	1.0°C	WindSpeed:	13.8 m s ⁻¹	WindDir:	5°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	0.876	33.805	0.875	27.092	31.785	0.004	-3.70e-06
10	0.876	33.805	0.875	27.092	31.785	0.005	-2.30e-06
20	0.876	33.805	0.875	27.092	31.785	0.013	-3.90e-07
30	0.874	33.805	0.873	27.092	31.785	0.023	9.00e-07
40	0.872	33.804	0.870	27.092	31.785	0.032	-9.50e-08
50	0.871	33.804	0.869	27.092	31.785	0.039	5.10e-07
60	0.869	33.805	0.866	27.093	31.786	0.048	6.20e-07
70	0.858	33.805	0.855	27.094	31.787	0.056	4.60e-06
80	0.537	33.854	0.533	27.152	31.855	0.065	1.30e-04
90	0.010	33.929	0.007	27.241	31.958	0.073	1.30e-04
100	-0.572	34.013	-0.575	27.336	32.070	0.079	1.70e-05
110	-0.641	34.059	-0.644	27.376	32.112	0.084	3.10e-05
120	-0.617	34.108	-0.620	27.415	32.150	0.089	2.70e-05
130	-0.468	34.178	-0.472	27.465	32.195	0.095	3.40e-05
140	-0.377	34.202	-0.381	27.480	32.207	0.101	1.80e-05
150	-0.175	34.247	-0.180	27.507	32.228	0.106	2.20e-05
160	0.071	34.297	0.066	27.535	32.247	0.111	2.60e-05
180	0.498	34.382	0.491	27.579	32.279	0.120	2.90e-05
200	0.761	34.430	0.752	27.603	32.294	0.128	1.10e-05
220	1.037	34.484	1.027	27.628	32.312	0.134	9.00e-06
240	1.497	34.552	1.485	27.651	32.320	0.142	8.10e-06
260	1.594	34.577	1.581	27.664	32.331	0.150	7.00e-06
280	1.715	34.602	1.700	27.675	32.338	0.156	2.30e-06
300	1.670	34.607	1.654	27.682	32.347	0.163	6.50e-06
320	1.529	34.599	1.513	27.686	32.355	0.170	8.90e-06
340	1.336	34.592	1.319	27.694	32.369	0.176	7.70e-07
360	1.526	34.625	1.508	27.707	32.376	0.182	3.70e-06
380	1.557	34.640	1.537	27.717	32.385	0.189	6.60e-06
400	1.583	34.652	1.562	27.725	32.392	0.195	4.20e-06
420	1.606	34.665	1.584	27.733	32.400	0.201	2.00e-06
440	1.655	34.680	1.631	27.742	32.407	0.207	3.10e-06
460	1.687	34.689	1.662	27.747	32.412	0.213	4.20e-06
480	1.712	34.697	1.686	27.752	32.416	0.218	3.50e-06
500	1.739	34.704	1.712	27.755	32.418	0.223	3.30e-06
550	1.733	34.713	1.702	27.763	32.426	0.238	2.40e-06
600	1.680	34.716	1.647	27.769	32.435	0.252	9.50e-07
650	1.656	34.719	1.620	27.773	32.440	0.268	1.70e-06
700	1.610	34.723	1.571	27.780	32.448	0.280	8.00e-07
750	1.533	34.722	1.492	27.785	32.455	0.294	2.60e-06
800	1.482	34.723	1.438	27.789	32.461	0.306	5.50e-07
850	1.430	34.723	1.383	27.793	32.467	0.319	1.90e-06
900	1.389	34.723	1.339	27.796	32.471	0.331	1.60e-07
950	1.334	34.723	1.282	27.799	32.477	0.345	9.70e-07
1000	1.268	34.721	1.213	27.803	32.482	0.358	8.30e-07
1100	1.168	34.719	1.107	27.808	32.491	0.382	4.40e-07
1200	1.105	34.717	1.038	27.811	32.496	0.409	4.80e-07
1300	1.036	34.715	0.963	27.814	32.501	0.437	1.10e-06
1400	0.979	34.713	0.900	27.816	32.506	0.462	1.10e-07
1500	0.908	34.711	0.823	27.819	32.511	0.482	4.70e-08
1600	0.839	34.709	0.748	27.822	32.517	0.508	1.00e-06
1700	0.793	34.707	0.695	27.824	32.520	0.531	7.90e-07
1800	0.742	34.706	0.638	27.826	32.524	0.555	4.60e-07
1900	0.687	34.705	0.576	27.828	32.529	0.580	1.10e-06
2000	0.626	34.703	0.508	27.831	32.534	0.603	4.10e-07
2200	0.525	34.700	0.393	27.834	32.541	0.651	3.30e-07
2400	0.455	34.696	0.309	27.836	32.546	0.698	1.20e-07
2600	0.432	34.695	0.269	27.836	32.548	0.743	2.70e-07
2800	0.426	34.693	0.247	27.835	32.549	0.788	-8.30e-08
2997	0.422	34.692	0.225	27.834	32.550	0.832	-1.00e-07



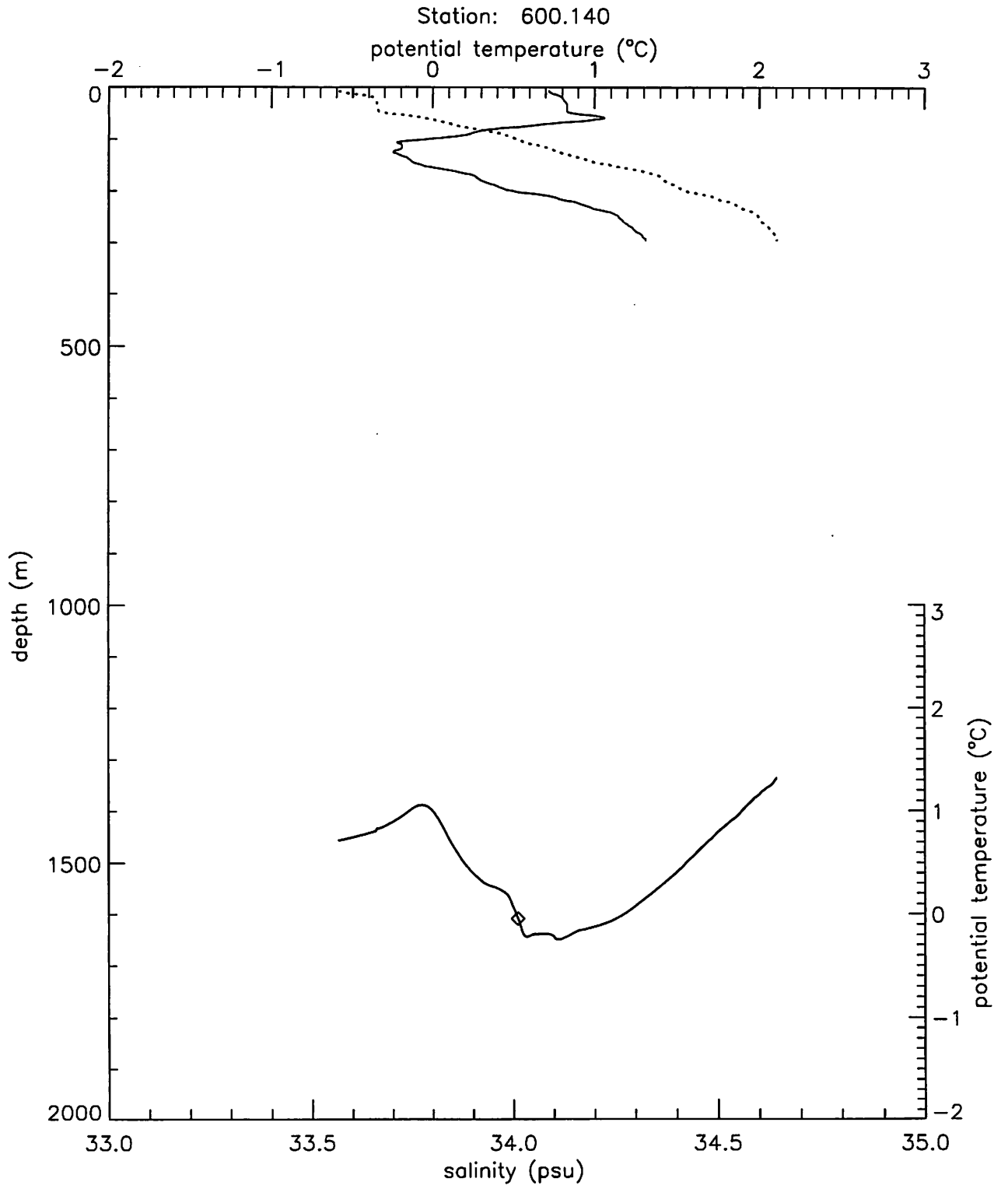
LTER 93b	Station:	800.180 (201)	JulianDay:	96	GMT:	1305
	Latitude:	62° 45.270' S	Longitude:	63° 52.420' W	Depth:	-999 m
	Barometer:	976.9 mb	RelHumidity:	101.2%	AirTemp:	1.8°C
	RH Temp:	1.5°C	WindSpeed:	5.2 m s ⁻¹	WindDir:	227°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
6	1.075	33.751	1.074	27.036	31.724	0.001	-8.50e-06
10	1.074	33.750	1.074	27.036	31.723	0.004	-4.90e-07
20	1.069	33.751	1.068	27.037	31.725	0.013	2.80e-06
30	0.990	33.768	0.989	27.056	31.746	0.021	4.20e-05
40	0.855	33.794	0.853	27.085	31.778	0.030	8.90e-06
50	0.834	33.797	0.832	27.088	31.782	0.037	3.30e-06
60	0.820	33.799	0.817	27.091	31.786	0.047	2.20e-06
70	0.762	33.811	0.759	27.104	31.800	0.054	1.00e-05
80	-0.048	33.900	-0.051	27.220	31.939	0.062	1.40e-04
90	-0.787	33.986	-0.790	27.324	32.065	0.067	6.00e-05
100	-0.925	34.044	-0.928	27.375	32.120	0.073	4.30e-05
110	-0.801	34.086	-0.804	27.405	32.146	0.079	1.60e-05
120	-0.493	34.144	-0.497	27.438	32.169	0.083	3.50e-05
130	-0.352	34.186	-0.357	27.466	32.193	0.088	3.40e-05
140	-0.168	34.218	-0.173	27.484	32.204	0.092	2.30e-05
150	0.049	34.254	0.043	27.502	32.215	0.098	1.80e-05
160	0.304	34.298	0.298	27.523	32.229	0.102	1.60e-05
180	0.669	34.367	0.661	27.557	32.252	0.110	1.10e-05
200	0.880	34.417	0.871	27.585	32.273	0.119	2.00e-05
220	1.165	34.469	1.155	27.607	32.287	0.128	8.90e-06
240	1.328	34.506	1.316	27.626	32.301	0.137	7.60e-06
260	1.402	34.535	1.389	27.644	32.317	0.144	8.00e-06
280	1.612	34.577	1.598	27.662	32.329	0.152	4.40e-06
300	1.618	34.586	1.602	27.669	32.336	0.159	1.60e-06
320	1.683	34.605	1.667	27.679	32.344	0.165	3.40e-06
340	1.744	34.624	1.726	27.690	32.353	0.170	2.20e-06
360	1.764	34.635	1.744	27.698	32.360	0.177	1.10e-06
380	1.772	34.641	1.751	27.702	32.364	0.182	2.40e-06
400	1.786	34.649	1.765	27.707	32.369	0.187	1.60e-06
420	1.807	34.659	1.784	27.713	32.375	0.194	2.60e-06
440	1.817	34.665	1.793	27.718	32.379	0.199	4.10e-06
460	1.820	34.672	1.795	27.723	32.384	0.205	2.00e-06
480	1.832	34.681	1.805	27.730	32.391	0.212	1.70e-06
500	1.824	34.686	1.796	27.734	32.395	0.218	2.10e-06
502	1.825	34.687	1.797	27.734	32.396	0.218	8.50e-07



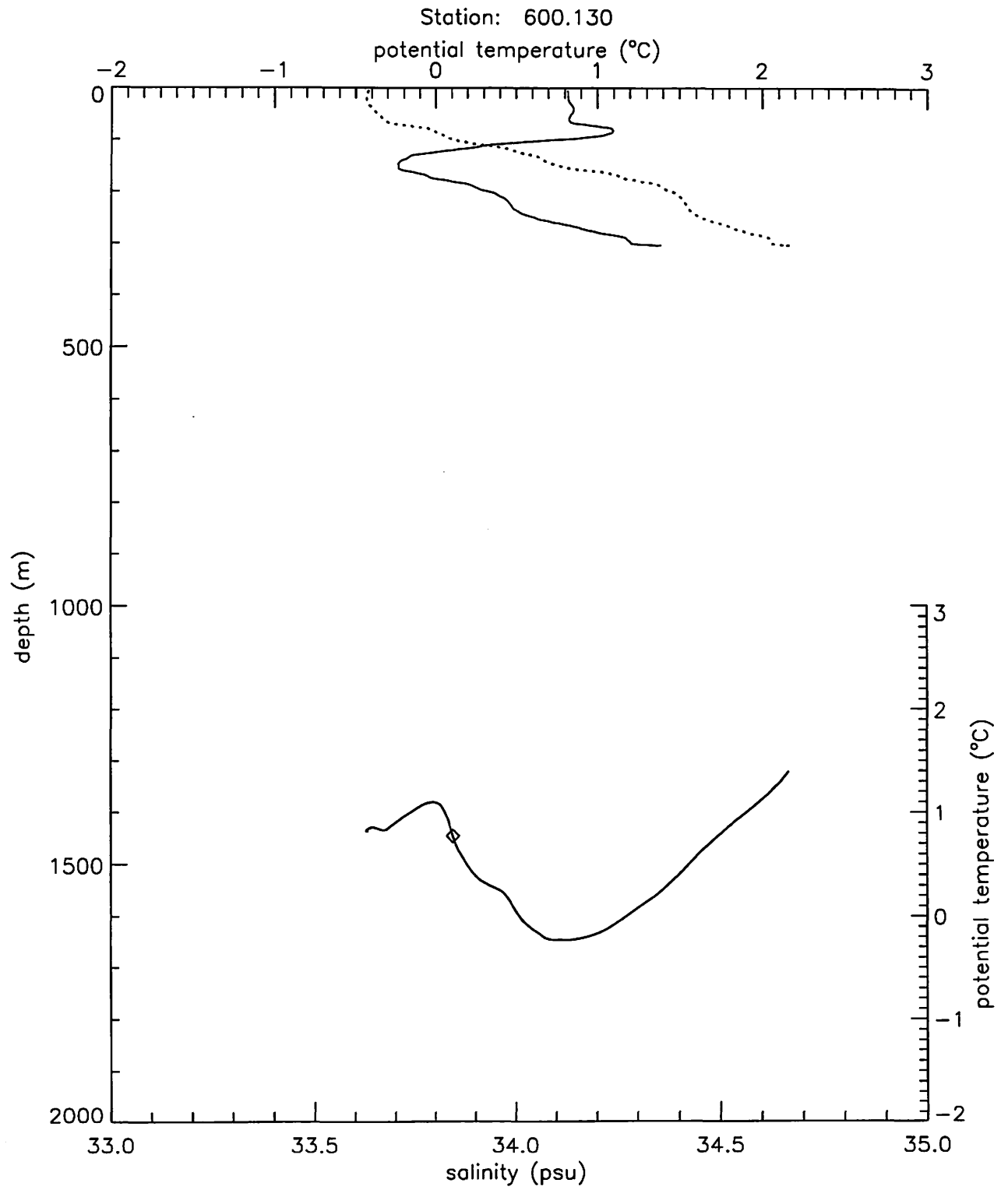
LTER 93b	Station:	600.140 (205)	JulianDay:	97	GMT:	0308
	Latitude:	64° 19.990' S	Longitude:	65° 57.240' W	Depth:	323 m
	Barometer:	984.9 mb	RelHumidity:	99.4%	AirTemp:	0.3°C
	RH Temp:	-0.3°C	WindSpeed:	6.6 m s ⁻¹	WindDir:	7°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	0.717	33.565	0.717	26.909	31.609	0.001	7.40e-05
10	0.734	33.584	0.733	26.923	31.622	0.002	6.70e-05
20	0.803	33.653	0.802	26.974	31.671	0.012	1.30e-05
30	0.826	33.660	0.825	26.979	31.674	0.022	2.30e-06
40	0.835	33.662	0.833	26.980	31.676	0.031	7.70e-07
50	0.883	33.692	0.881	27.001	31.695	0.041	6.10e-05
60	1.049	33.787	1.046	27.067	31.755	0.050	9.10e-05
70	0.702	33.845	0.700	27.135	31.833	0.058	5.20e-05
80	0.384	33.905	0.381	27.202	31.908	0.065	9.20e-05
90	0.231	33.972	0.228	27.264	31.975	0.072	4.10e-05
100	-0.041	34.011	-0.044	27.310	32.028	0.078	5.30e-05
110	-0.192	34.058	-0.196	27.356	32.078	0.085	5.00e-05
120	-0.210	34.099	-0.214	27.390	32.112	0.089	5.10e-05
130	-0.201	34.139	-0.206	27.421	32.143	0.094	3.70e-05
140	-0.134	34.184	-0.139	27.454	32.174	0.098	4.80e-05
150	-0.061	34.242	-0.066	27.497	32.214	0.102	5.20e-05
160	0.120	34.311	0.114	27.544	32.255	0.106	4.60e-05
180	0.311	34.371	0.304	27.581	32.286	0.114	1.60e-05
200	0.517	34.425	0.509	27.613	32.312	0.121	3.70e-05
220	0.884	34.523	0.874	27.669	32.357	0.128	2.10e-05
240	1.107	34.582	1.095	27.702	32.383	0.134	1.80e-05
260	1.194	34.606	1.181	27.715	32.393	0.139	4.70e-06
280	1.275	34.632	1.262	27.731	32.407	0.146	3.30e-06
291	1.314	34.639	1.300	27.734	32.408	0.147	2.70e-06



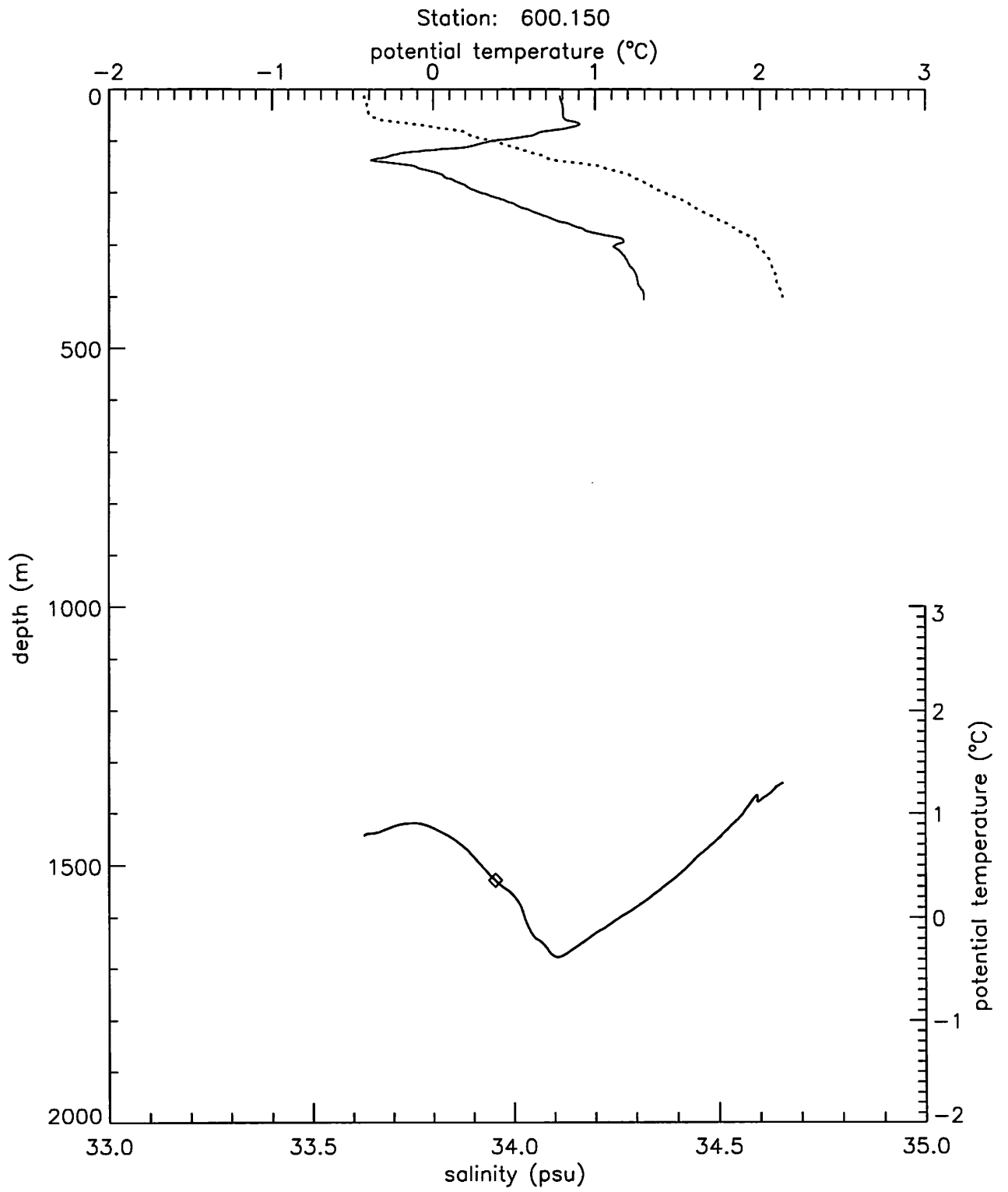
LTER 93b	Station:	600.130 (211)	JulianDay:	97	GMT:	0708
	Latitude:	64° 23.560' S	Longitude:	65° 48.060' W	Depth:	327 m
	Barometer:	985.8 mb	RelHumidity:	100.7%	AirTemp:	-0.7°C
	RH Temp:	-1.0°C	WindSpeed:	8.9 m s ⁻¹	WindDir:	12°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	0.818	33.632	0.818	26.957	31.653	0.004	-2.80e-04
10	0.818	33.627	0.818	26.953	31.649	0.007	-1.10e-05
20	0.821	33.627	0.820	26.952	31.648	0.016	-3.10e-07
30	0.836	33.631	0.835	26.954	31.650	0.027	5.00e-06
40	0.855	33.641	0.854	26.962	31.657	0.035	7.80e-06
50	0.847	33.654	0.845	26.973	31.668	0.043	1.30e-05
60	0.829	33.670	0.826	26.987	31.682	0.051	9.50e-06
70	0.891	33.697	0.888	27.004	31.698	0.059	3.40e-05
80	1.095	33.785	1.092	27.062	31.749	0.068	4.10e-05
90	1.061	33.815	1.057	27.089	31.776	0.076	2.90e-05
100	0.775	33.844	0.771	27.130	31.825	0.084	5.40e-05
110	0.352	33.913	0.347	27.210	31.918	0.091	9.00e-05
120	0.128	33.989	0.124	27.283	31.997	0.099	5.70e-05
130	-0.130	34.045	-0.135	27.342	32.063	0.105	5.30e-05
140	-0.204	34.071	-0.209	27.366	32.089	0.109	1.10e-05
150	-0.225	34.107	-0.230	27.396	32.120	0.114	2.60e-05
160	-0.194	34.180	-0.200	27.454	32.176	0.120	9.80e-05
180	0.090	34.302	0.084	27.538	32.250	0.130	5.80e-05
200	0.338	34.381	0.330	27.588	32.293	0.138	2.00e-05
220	0.463	34.413	0.454	27.607	32.307	0.146	4.00e-06
240	0.536	34.430	0.526	27.616	32.315	0.154	8.20e-06
260	0.771	34.491	0.759	27.651	32.342	0.162	2.60e-05
280	1.022	34.566	1.009	27.695	32.379	0.169	3.10e-05
300	1.223	34.624	1.208	27.729	32.406	0.174	5.50e-05
301	1.225	34.625	1.211	27.729	32.406	0.174	5.50e-05



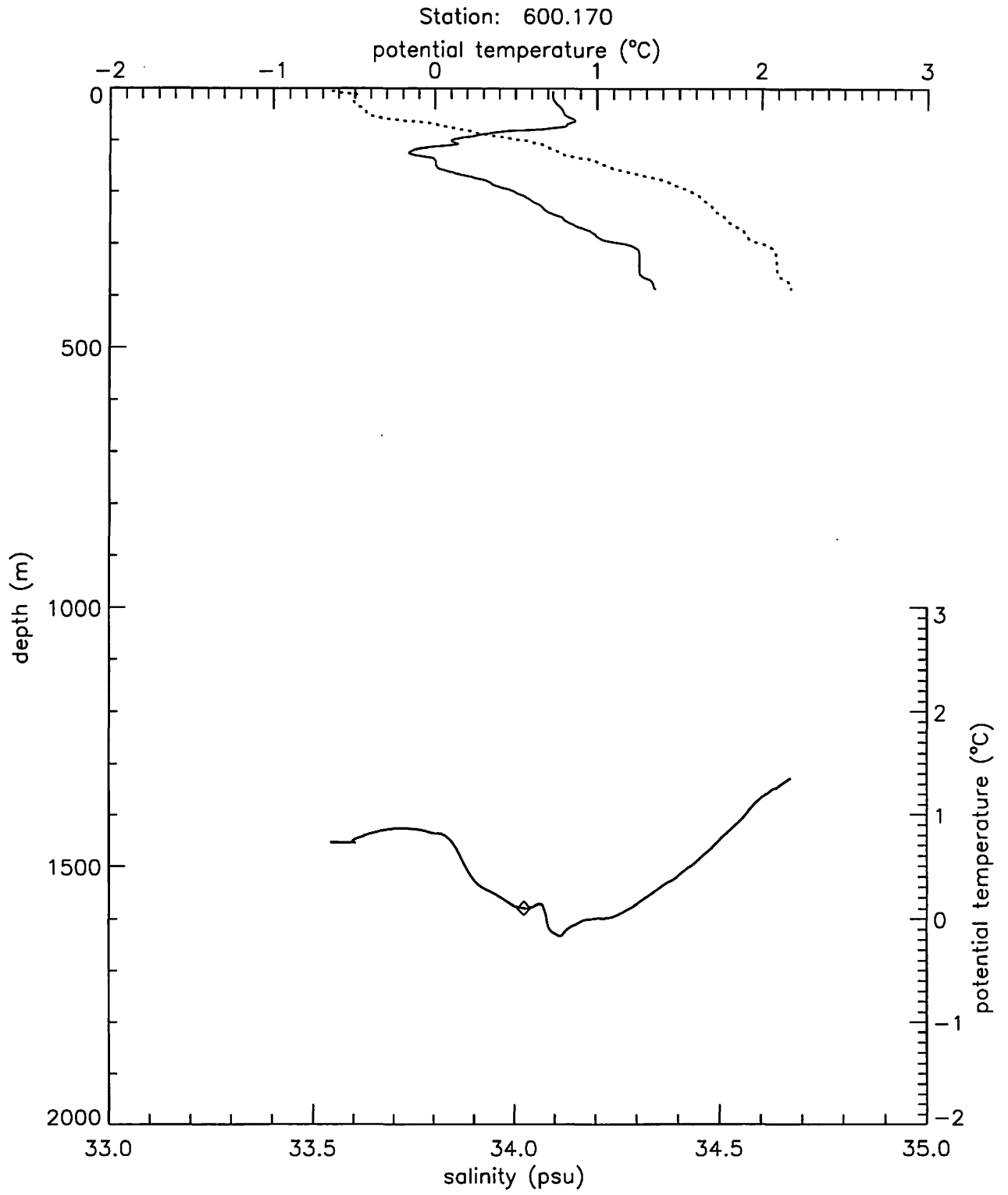
LTER 93b	Station:	600.150 (215)	JulianDay:	97	GMT:	2011
	Latitude:	64° 16.320' S	Longitude:	66° 6.300' W	Depth:	431 m
	Barometer:	990.8 mb	RelHumidity:	87.7%	AirTemp:	0.4°C
	RH Temp:	-0.5°C	WindSpeed:	10.5 m s ⁻¹	WindDir:	353°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
13	0.785	33.627	0.784	26.955	31.652	0.008	-8.50e-05
20	0.789	33.629	0.789	26.956	31.653	0.013	1.10e-06
30	0.802	33.635	0.801	26.960	31.656	0.021	8.40e-07
40	0.807	33.637	0.805	26.962	31.658	0.029	4.10e-06
50	0.806	33.640	0.804	26.964	31.661	0.037	4.60e-06
60	0.835	33.674	0.833	26.989	31.685	0.044	4.30e-05
70	0.895	33.776	0.892	27.068	31.760	0.053	8.00e-05
80	0.713	33.864	0.710	27.150	31.847	0.061	9.10e-05
90	0.597	33.897	0.593	27.183	31.884	0.068	2.40e-05
100	0.361	33.954	0.357	27.243	31.950	0.075	6.10e-05
110	0.244	33.992	0.240	27.280	31.990	0.081	5.30e-05
120	-0.072	34.034	-0.076	27.330	32.049	0.087	5.30e-05
130	-0.271	34.077	-0.276	27.374	32.099	0.093	2.10e-05
140	-0.342	34.130	-0.347	27.420	32.147	0.099	5.60e-05
150	-0.108	34.218	-0.113	27.480	32.199	0.104	3.60e-05
160	-0.005	34.256	-0.011	27.506	32.221	0.109	3.60e-05
180	0.156	34.318	0.149	27.547	32.257	0.118	2.30e-05
200	0.299	34.365	0.291	27.578	32.283	0.126	2.10e-05
220	0.506	34.427	0.496	27.615	32.315	0.134	1.10e-05
240	0.668	34.471	0.658	27.641	32.335	0.141	1.10e-05
260	0.861	34.522	0.849	27.670	32.358	0.147	1.20e-05
280	1.056	34.566	1.042	27.693	32.375	0.153	8.40e-06
300	1.141	34.593	1.127	27.709	32.389	0.159	7.90e-06
320	1.192	34.618	1.177	27.725	32.403	0.166	4.20e-06
340	1.229	34.628	1.212	27.731	32.408	0.170	1.20e-06
360	1.272	34.639	1.255	27.736	32.412	0.175	7.40e-07
380	1.291	34.645	1.272	27.740	32.416	0.181	3.20e-06



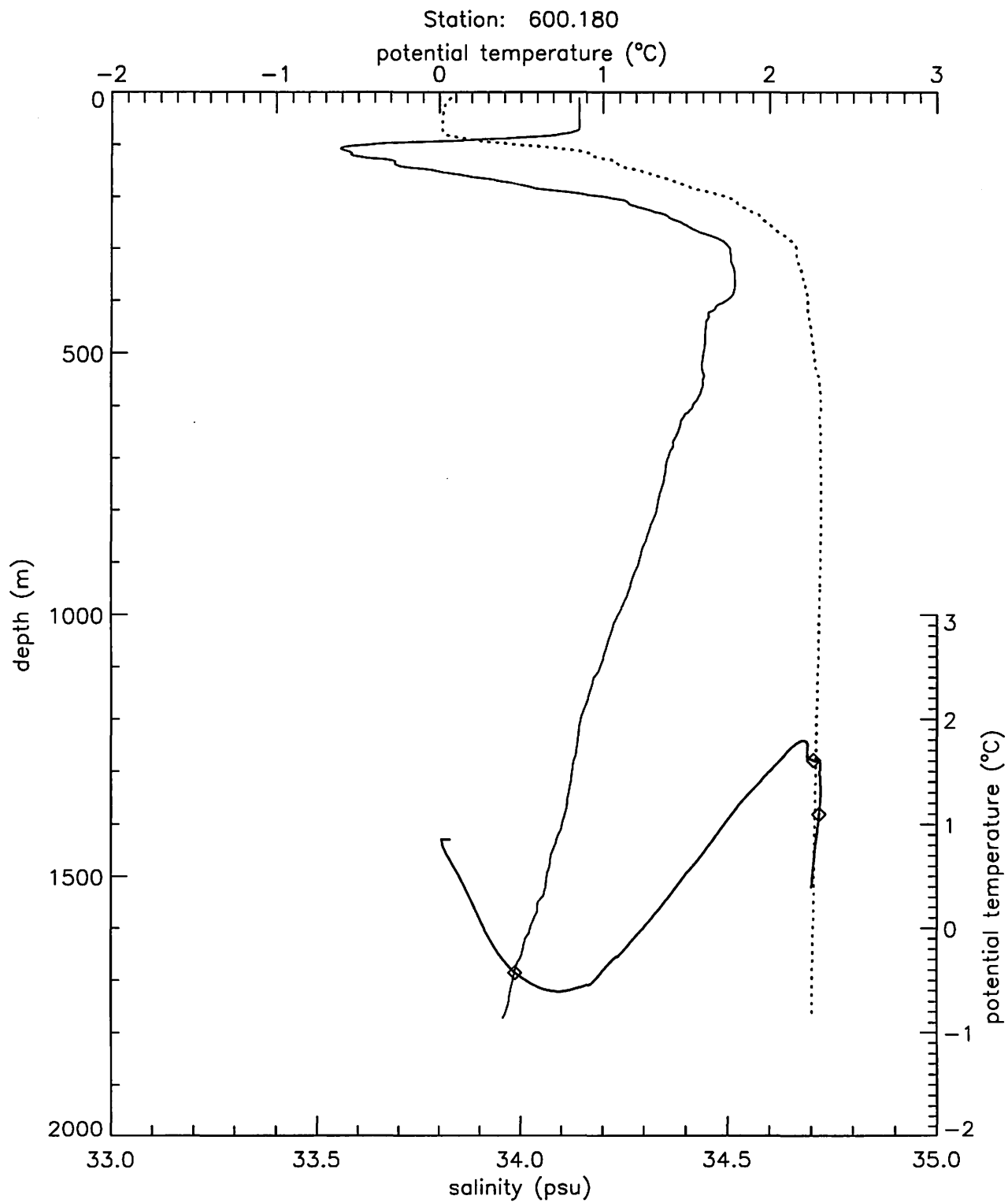
LTER 93b	Station:	600.170 (222)	JulianDay:	98	GMT:	0120
	Latitude:	64° 9.030' S	Longitude:	66° 24.500' W	Depth:	415 m
	Barometer:	-999.0 mb	RelHumidity:	-999.0%	AirTemp:	-999.0°C
	RH Temp:	-999.0°C	WindSpeed:	-999.0 m s ⁻¹	WindDir:	-999°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	0.730	33.543	0.730	26.891	31.590	0.002	2.20e-04
10	0.730	33.589	0.729	26.927	31.626	0.005	-1.10e-05
20	0.732	33.597	0.731	26.934	31.633	0.015	-2.70e-06
30	0.755	33.601	0.753	26.935	31.634	0.025	7.50e-06
40	0.789	33.623	0.787	26.951	31.648	0.035	1.10e-05
50	0.803	33.630	0.801	26.956	31.653	0.044	2.60e-05
60	0.867	33.703	0.865	27.011	31.705	0.055	1.00e-04
70	0.820	33.806	0.817	27.097	31.791	0.064	4.60e-05
80	0.558	33.871	0.555	27.164	31.866	0.073	8.60e-05
90	0.267	33.938	0.263	27.235	31.945	0.081	7.50e-05
100	0.107	34.024	0.103	27.313	32.027	0.087	4.10e-05
110	0.083	34.075	0.079	27.355	32.070	0.093	4.50e-05
120	-0.139	34.103	-0.143	27.389	32.110	0.100	2.80e-05
130	-0.083	34.135	-0.088	27.412	32.131	0.106	5.10e-05
140	0.012	34.202	0.007	27.461	32.176	0.112	2.60e-05
150	0.017	34.231	0.012	27.485	32.200	0.117	2.20e-05
160	0.087	34.273	0.081	27.515	32.227	0.121	3.30e-05
180	0.339	34.369	0.332	27.578	32.283	0.131	2.00e-05
200	0.509	34.430	0.501	27.618	32.317	0.140	1.40e-05
220	0.629	34.465	0.620	27.639	32.334	0.148	9.90e-06
240	0.723	34.489	0.712	27.653	32.345	0.156	7.80e-06
260	0.846	34.521	0.834	27.670	32.359	0.163	1.10e-05
280	0.997	34.560	0.984	27.692	32.376	0.171	4.30e-06
300	1.179	34.600	1.165	27.712	32.391	0.178	2.40e-05
320	1.275	34.634	1.259	27.733	32.408	0.184	9.20e-07
340	1.274	34.636	1.257	27.734	32.410	0.190	7.90e-07
360	1.285	34.640	1.267	27.737	32.413	0.197	3.90e-06
380	1.362	34.667	1.343	27.753	32.426	0.202	1.30e-06
382	1.363	34.667	1.344	27.753	32.426	0.203	5.40e-06



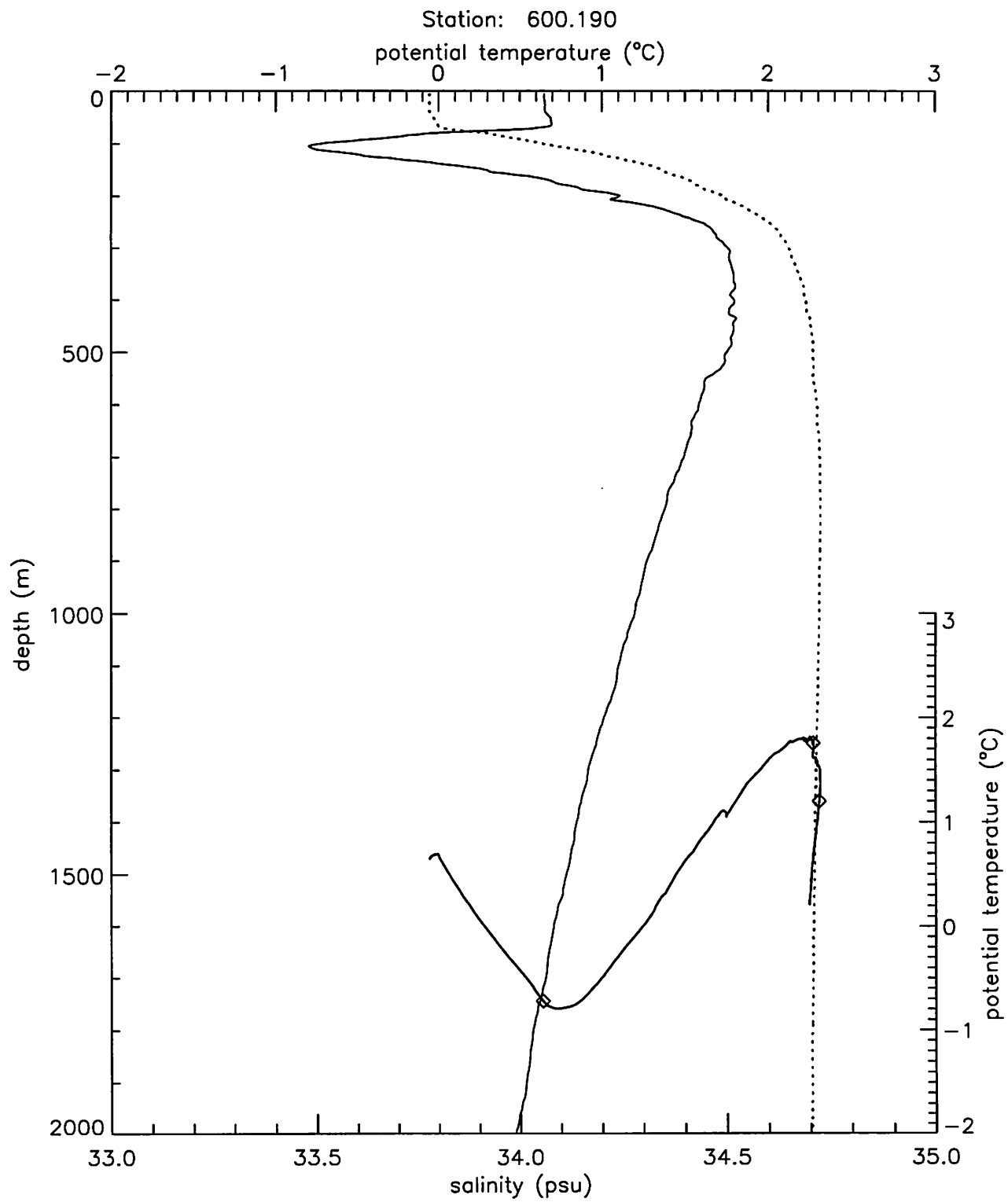
LTER 93b	Station:	600.180 (226)	JulianDay:	98	GMT:	0343
	Latitude:	64° 5.200' S	Longitude:	66° 33.590' W	Depth:	-999 m
	Barometer:	-999.0 mb	RelHumidity:	-999.0%	AirTemp:	-999.0°C
	RH Temp:	-999.0°C	WindSpeed:	-999.0 m s ⁻¹	WindDir:	-999°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
11	0.854	33.827	0.853	27.111	31.804	0.005	-2.30e-05
20	0.855	33.817	0.855	27.103	31.797	0.012	-9.10e-06
30	0.856	33.811	0.855	27.098	31.792	0.021	-2.70e-06
40	0.856	33.809	0.854	27.097	31.790	0.031	-1.10e-06
50	0.857	33.807	0.855	27.095	31.789	0.040	-1.20e-06
60	0.859	33.807	0.857	27.095	31.788	0.048	-1.30e-06
70	0.859	33.806	0.856	27.094	31.788	0.056	5.80e-07
80	0.742	33.815	0.739	27.108	31.805	0.065	3.40e-05
90	0.221	33.884	0.218	27.194	31.905	0.073	1.60e-04
100	-0.425	33.987	-0.428	27.309	32.039	0.080	1.20e-04
110	-0.587	34.124	-0.591	27.426	32.160	0.087	6.60e-05
120	-0.535	34.172	-0.539	27.463	32.195	0.093	1.00e-05
130	-0.291	34.227	-0.295	27.497	32.221	0.098	3.00e-05
140	-0.250	34.241	-0.255	27.506	32.229	0.104	8.70e-06
150	-0.015	34.293	-0.020	27.537	32.252	0.108	2.00e-05
160	0.184	34.335	0.178	27.559	32.268	0.112	1.90e-05
180	0.546	34.403	0.539	27.594	32.292	0.121	1.50e-05
200	1.039	34.498	1.030	27.639	32.322	0.129	2.10e-05
220	1.232	34.536	1.222	27.657	32.334	0.137	1.40e-05
240	1.410	34.578	1.398	27.678	32.350	0.144	3.60e-06
260	1.541	34.608	1.528	27.692	32.361	0.151	7.10e-06
280	1.702	34.643	1.688	27.709	32.373	0.158	2.60e-07
300	1.777	34.664	1.761	27.720	32.381	0.164	1.50e-06
320	1.784	34.666	1.767	27.721	32.382	0.171	2.30e-06
340	1.805	34.674	1.786	27.726	32.386	0.178	4.10e-06
360	1.811	34.680	1.791	27.730	32.391	0.185	2.60e-06
380	1.807	34.687	1.787	27.736	32.397	0.192	2.50e-06
400	1.759	34.692	1.737	27.744	32.406	0.198	3.20e-06
420	1.677	34.691	1.655	27.749	32.414	0.204	4.70e-06
440	1.644	34.695	1.620	27.755	32.420	0.211	2.90e-06
460	1.639	34.699	1.614	27.758	32.424	0.217	1.60e-06
480	1.637	34.702	1.612	27.761	32.427	0.224	8.70e-07
500	1.632	34.706	1.606	27.764	32.431	0.229	3.20e-06
550	1.631	34.718	1.601	27.774	32.440	0.245	1.70e-06
600	1.573	34.722	1.541	27.782	32.450	0.260	1.70e-06
650	1.488	34.722	1.452	27.788	32.459	0.274	1.20e-06
700	1.431	34.721	1.393	27.792	32.465	0.288	1.50e-06
750	1.404	34.723	1.363	27.795	32.469	0.301	1.30e-06
800	1.367	34.723	1.324	27.798	32.473	0.315	6.40e-07
850	1.313	34.723	1.267	27.801	32.478	0.328	1.10e-06
900	1.268	34.722	1.219	27.804	32.482	0.339	6.60e-07
950	1.216	34.721	1.165	27.806	32.487	0.352	1.50e-06
1000	1.149	34.719	1.095	27.810	32.492	0.365	1.20e-06
1100	1.044	34.716	0.984	27.814	32.500	0.388	2.70e-07
1200	0.932	34.712	0.867	27.819	32.508	0.412	5.90e-08
1300	0.888	34.711	0.816	27.820	32.512	0.434	6.80e-07
1400	0.832	34.709	0.754	27.822	32.516	0.459	1.10e-06
1500	0.744	34.706	0.661	27.826	32.523	0.482	1.90e-07
1600	0.648	34.704	0.559	27.830	32.530	0.500	8.80e-08
1700	0.548	34.702	0.453	27.834	32.538	0.523	3.40e-07
1767	0.500	34.700	0.402	27.836	32.541	0.538	7.10e-07



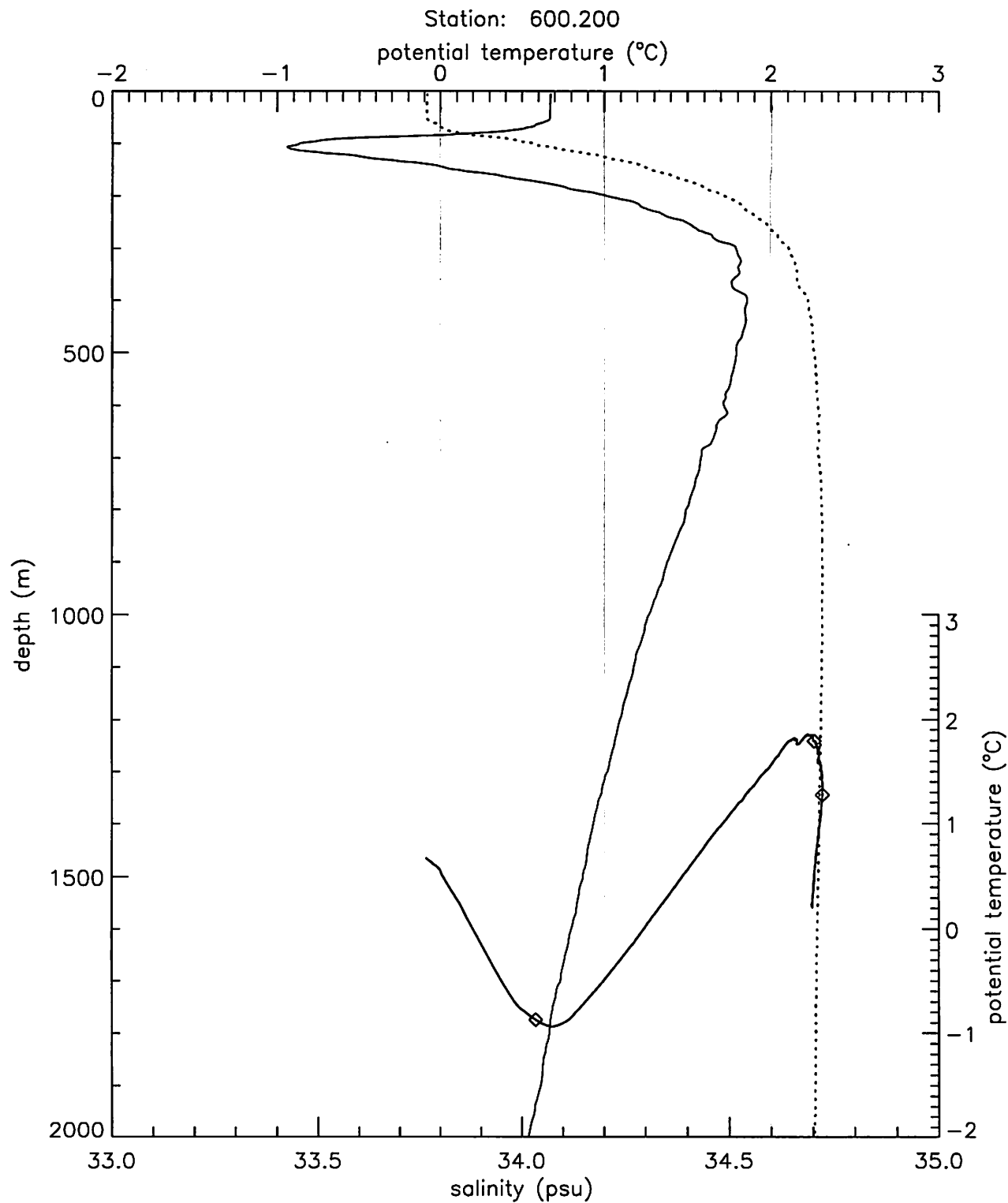
LTER 93b	Station:	600.190 (231)	JulianDay:	98	GMT:	0825
	Latitude:	64° 1.670' S	Longitude:	66° 42.240' W	Depth:	-999 m
	Barometer:	-999.0 mb	RelHumidity:	-999.0%	AirTemp:	-999.0°C
	RH Temp:	-999.0°C	WindSpeed:	-999.0 m s ⁻¹	WindDir:	-999°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	0.650	33.777	0.649	27.084	31.783	0.004	-7.10e-07
10	0.648	33.777	0.648	27.084	31.783	0.007	-5.20e-07
20	0.654	33.777	0.653	27.083	31.783	0.017	-3.40e-07
30	0.655	33.777	0.654	27.083	31.783	0.027	-8.60e-08
40	0.658	33.777	0.656	27.083	31.783	0.035	1.30e-06
50	0.688	33.786	0.685	27.088	31.787	0.045	7.50e-06
60	0.695	33.794	0.692	27.095	31.793	0.054	4.90e-06
70	0.625	33.807	0.622	27.109	31.810	0.063	7.20e-05
80	-0.004	33.914	-0.007	27.230	31.948	0.072	1.10e-04
90	-0.346	33.983	-0.349	27.302	32.029	0.077	6.90e-05
100	-0.718	34.056	-0.721	27.377	32.116	0.084	4.40e-05
110	-0.764	34.130	-0.767	27.439	32.178	0.089	3.50e-05
120	-0.497	34.198	-0.501	27.483	32.214	0.096	2.00e-05
130	-0.228	34.250	-0.232	27.512	32.234	0.100	3.30e-05
140	0.060	34.309	0.055	27.545	32.258	0.105	2.20e-05
150	0.297	34.345	0.291	27.561	32.267	0.110	1.70e-05
160	0.501	34.377	0.495	27.576	32.275	0.115	1.70e-05
180	0.817	34.433	0.809	27.602	32.291	0.125	1.10e-05
200	1.114	34.494	1.105	27.631	32.312	0.133	2.40e-05
220	1.323	34.540	1.313	27.654	32.328	0.142	8.10e-06
240	1.511	34.580	1.499	27.672	32.342	0.150	7.90e-06
260	1.661	34.613	1.647	27.688	32.353	0.156	7.60e-06
280	1.705	34.630	1.690	27.698	32.362	0.164	3.50e-06
300	1.773	34.649	1.757	27.708	32.370	0.171	3.50e-06
320	1.783	34.658	1.766	27.714	32.376	0.178	4.50e-06
340	1.802	34.667	1.783	27.720	32.381	0.184	4.10e-06
360	1.812	34.677	1.793	27.728	32.388	0.191	3.80e-06
380	1.820	34.685	1.799	27.734	32.394	0.198	3.80e-06
400	1.817	34.690	1.795	27.738	32.399	0.205	1.50e-06
420	1.791	34.692	1.768	27.742	32.403	0.211	8.80e-08
440	1.827	34.700	1.803	27.745	32.406	0.218	2.70e-06
460	1.817	34.704	1.791	27.749	32.410	0.225	9.60e-07
480	1.806	34.707	1.780	27.752	32.413	0.232	1.20e-06
500	1.783	34.707	1.755	27.754	32.416	0.238	1.30e-06
550	1.659	34.706	1.629	27.763	32.429	0.255	3.30e-06
600	1.618	34.717	1.585	27.774	32.441	0.270	2.10e-06
650	1.575	34.720	1.539	27.780	32.449	0.285	2.00e-06
700	1.536	34.723	1.498	27.786	32.456	0.298	1.40e-06
750	1.474	34.724	1.433	27.791	32.463	0.314	1.80e-06
800	1.425	34.725	1.382	27.795	32.469	0.327	9.40e-07
850	1.376	34.725	1.330	27.798	32.473	0.341	7.70e-07
900	1.323	34.724	1.274	27.801	32.478	0.356	7.80e-07
950	1.289	34.723	1.236	27.803	32.481	0.370	-3.20e-08
1000	1.254	34.722	1.199	27.805	32.484	0.383	3.20e-07
1100	1.161	34.719	1.100	27.809	32.492	0.411	6.20e-07
1200	1.079	34.717	1.013	27.813	32.498	0.440	1.30e-06
1300	0.990	34.714	0.917	27.816	32.505	0.467	5.30e-09
1400	0.924	34.712	0.845	27.819	32.510	0.495	2.90e-07
1500	0.866	34.710	0.782	27.821	32.514	0.520	2.00e-07
1600	0.796	34.708	0.705	27.824	32.520	0.547	6.40e-07
1700	0.752	34.707	0.655	27.826	32.523	0.573	4.00e-07
1800	0.682	34.705	0.578	27.828	32.529	0.597	2.60e-07
1900	0.647	34.704	0.536	27.830	32.532	0.622	2.80e-07
2000	0.586	34.703	0.469	27.833	32.537	0.647	7.30e-08
2200	0.492	34.701	0.361	27.837	32.545	0.696	8.10e-07
2400	0.426	34.699	0.280	27.839	32.550	0.745	1.30e-07
2600	0.388	34.697	0.226	27.840	32.553	0.794	3.60e-08
2800	0.395	34.698	0.216	27.841	32.555	0.842	-1.60e-07
2916	0.398	34.699	0.208	27.841	32.557	0.870	4.00e-07



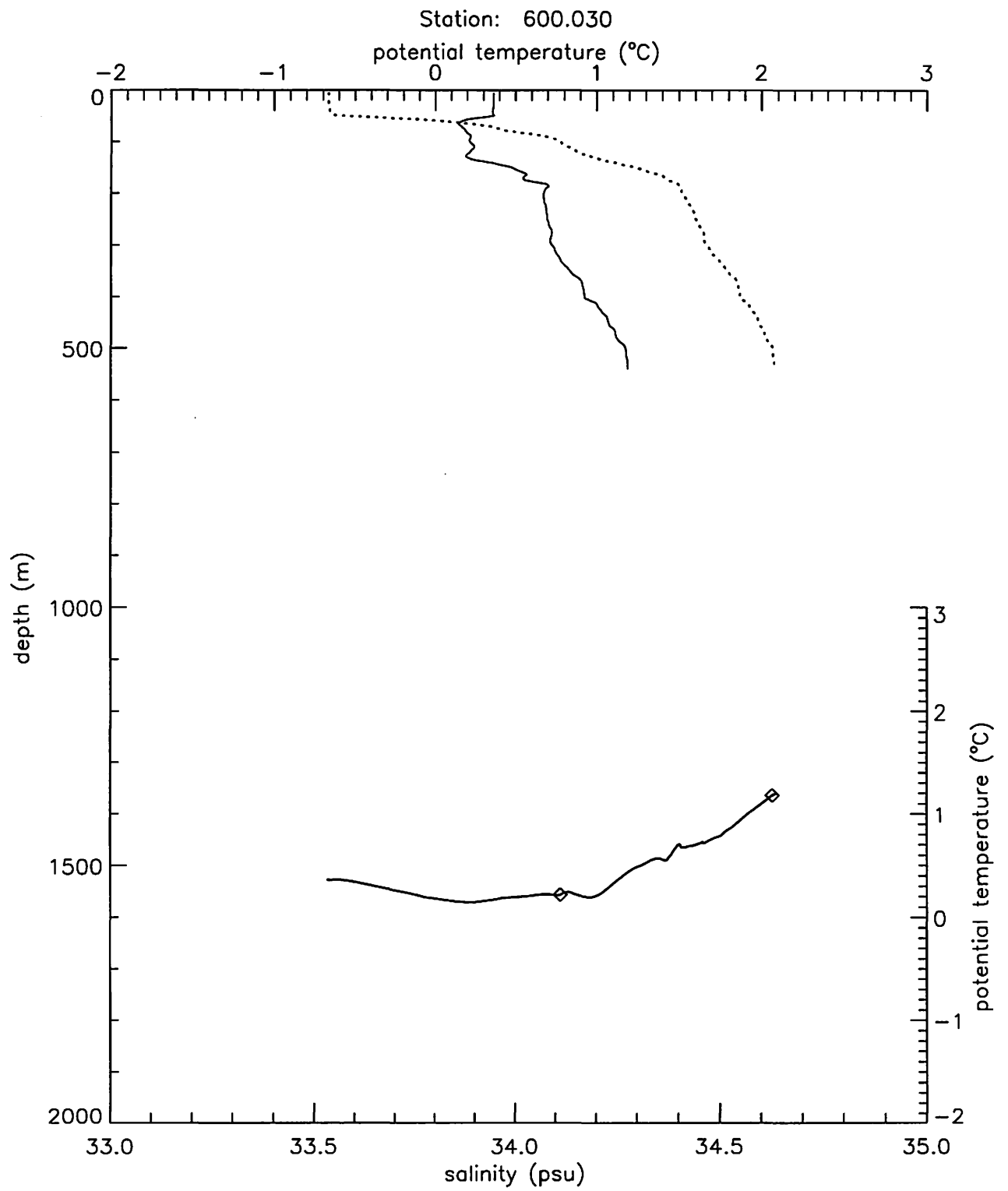
LTER 93b	Station:	600.200 (236)	JulianDay:	98	GMT:	1404
	Latitude:	63° 58.030' S	Longitude:	66° 51.130' W	Depth:	-999 m
	Barometer:	-999.0 mb	RelHumidity:	-999.0%	AirTemp:	-999.0°C
	RH Temp:	-999.0°C	WindSpeed:	-999.0 m s ⁻¹	WindDir:	-999°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	0.674	33.767	0.674	27.074	31.773	0.003	-7.00e-07
10	0.673	33.767	0.673	27.074	31.773	0.006	-4.00e-07
20	0.674	33.766	0.673	27.074	31.773	0.016	-6.30e-07
30	0.673	33.766	0.672	27.073	31.773	0.025	-7.80e-09
40	0.673	33.766	0.671	27.073	31.773	0.034	3.50e-08
50	0.673	33.766	0.671	27.073	31.773	0.044	2.80e-07
60	0.631	33.780	0.629	27.087	31.788	0.051	4.60e-05
70	0.530	33.803	0.527	27.111	31.815	0.061	2.70e-05
80	0.250	33.847	0.247	27.162	31.873	0.069	9.20e-05
90	-0.561	33.960	-0.564	27.293	32.027	0.077	9.10e-05
100	-0.867	34.034	-0.870	27.365	32.109	0.084	1.80e-05
110	-0.913	34.093	-0.916	27.415	32.159	0.089	4.30e-05
120	-0.626	34.170	-0.629	27.466	32.200	0.095	4.30e-05
130	-0.360	34.226	-0.364	27.499	32.225	0.101	3.70e-05
140	-0.059	34.284	-0.064	27.531	32.248	0.106	2.00e-05
150	0.104	34.313	0.099	27.546	32.258	0.111	2.10e-05
160	0.361	34.361	0.354	27.571	32.275	0.116	1.60e-05
180	0.738	34.432	0.730	27.605	32.298	0.126	1.20e-05
200	1.031	34.489	1.022	27.633	32.316	0.135	1.10e-05
220	1.231	34.531	1.221	27.653	32.330	0.143	3.70e-06
240	1.395	34.563	1.383	27.667	32.340	0.151	5.00e-06
260	1.554	34.596	1.541	27.682	32.350	0.158	4.00e-06
280	1.670	34.618	1.655	27.691	32.355	0.166	2.60e-06
300	1.807	34.642	1.790	27.700	32.361	0.173	3.60e-06
320	1.833	34.653	1.816	27.707	32.367	0.181	4.60e-06
340	1.822	34.660	1.804	27.713	32.374	0.188	1.70e-06
360	1.791	34.662	1.772	27.717	32.379	0.195	1.70e-06
380	1.808	34.671	1.788	27.723	32.384	0.203	2.90e-06
400	1.880	34.688	1.858	27.731	32.390	0.208	1.30e-06
420	1.868	34.691	1.845	27.734	32.394	0.215	2.20e-06
440	1.874	34.696	1.850	27.738	32.398	0.222	1.20e-06
460	1.857	34.699	1.832	27.741	32.401	0.229	4.60e-07
480	1.829	34.700	1.802	27.745	32.406	0.236	1.90e-06
500	1.822	34.703	1.794	27.748	32.409	0.243	2.30e-06
550	1.791	34.709	1.761	27.755	32.417	0.259	6.20e-07
600	1.751	34.712	1.718	27.760	32.424	0.275	3.20e-07
650	1.706	34.714	1.669	27.766	32.431	0.291	1.30e-06
700	1.620	34.714	1.582	27.772	32.440	0.308	1.30e-06
750	1.588	34.720	1.546	27.779	32.448	0.324	7.30e-07
800	1.537	34.721	1.492	27.784	32.454	0.339	1.10e-06
850	1.492	34.722	1.445	27.787	32.460	0.354	1.30e-06
900	1.433	34.723	1.383	27.792	32.466	0.370	1.10e-06
950	1.384	34.723	1.331	27.796	32.472	0.385	1.80e-06
1000	1.330	34.723	1.274	27.800	32.477	0.399	1.80e-06
1100	1.241	34.721	1.179	27.805	32.485	0.428	-3.30e-08
1200	1.165	34.719	1.098	27.809	32.492	0.456	7.40e-07
1300	1.096	34.717	1.023	27.812	32.497	0.483	1.50e-06
1400	1.015	34.715	0.936	27.815	32.504	0.511	7.30e-08
1500	0.958	34.713	0.872	27.817	32.508	0.540	2.40e-07
1600	0.895	34.710	0.802	27.820	32.513	0.568	5.30e-07
1700	0.835	34.709	0.736	27.822	32.517	0.594	1.50e-06
1800	0.773	34.707	0.668	27.824	32.522	0.621	2.60e-07
1900	0.726	34.705	0.614	27.826	32.526	0.647	7.90e-07
2000	0.656	34.704	0.538	27.829	32.532	0.674	1.50e-06
2200	0.576	34.702	0.444	27.833	32.539	0.727	7.40e-07
2400	0.488	34.700	0.341	27.837	32.546	0.777	1.10e-07
2600	0.444	34.699	0.281	27.838	32.550	0.828	5.50e-07
2800	0.417	34.698	0.237	27.839	32.553	0.879	1.10e-07
3000	0.405	34.699	0.207	27.841	32.557	0.927	-5.40e-08
3023	0.404	34.699	0.205	27.841	32.557	0.932	-6.40e-08



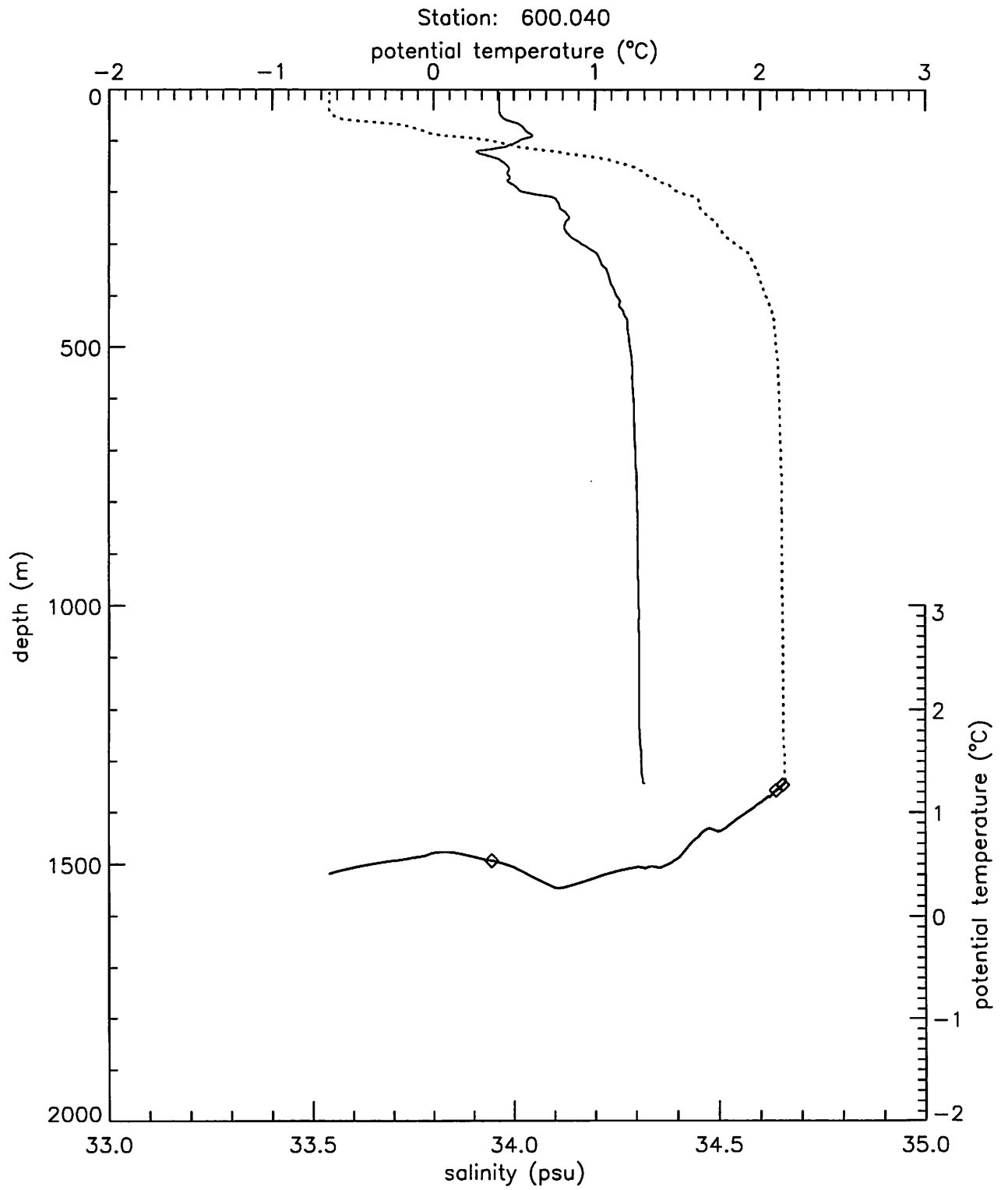
LTER 93b	Station:	600.030 (278)	JulianDay:	103	GMT:	0515
	Latitude:	64° 59.650' S	Longitude:	64° 14.640' W	Depth:	-999 m
	Barometer:	977.3 mb	RelHumidity:	78.3%	AirTemp:	0.7°C
	RH Temp:	0.6°C	WindSpeed:	14.3 m s ⁻¹	WindDir:	352°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	0.364	33.534	0.364	26.904	31.614	0.022	-9.30e-04
10	0.364	33.534	0.364	26.904	31.614	0.026	5.90e-08
20	0.364	33.534	0.364	26.904	31.614	0.036	-6.10e-07
30	0.364	33.534	0.363	26.904	31.614	0.047	1.90e-06
40	0.359	33.537	0.357	26.907	31.617	0.058	1.70e-06
50	0.357	33.581	0.355	26.943	31.653	0.070	1.40e-04
60	0.170	33.824	0.168	27.148	31.862	0.080	1.40e-04
70	0.167	33.938	0.164	27.240	31.953	0.088	6.80e-05
80	0.196	33.993	0.193	27.283	31.995	0.096	7.70e-05
90	0.225	34.079	0.222	27.351	32.060	0.103	4.20e-05
100	0.220	34.112	0.217	27.378	32.087	0.109	6.80e-06
110	0.247	34.132	0.243	27.392	32.101	0.116	1.80e-05
120	0.223	34.153	0.219	27.410	32.120	0.122	1.40e-05
130	0.203	34.194	0.198	27.445	32.154	0.128	2.60e-05
140	0.334	34.243	0.329	27.477	32.183	0.134	3.70e-05
150	0.482	34.294	0.476	27.510	32.211	0.140	3.30e-05
160	0.557	34.334	0.551	27.538	32.236	0.145	2.70e-05
180	0.665	34.391	0.658	27.577	32.272	0.155	1.10e-05
200	0.684	34.408	0.675	27.589	32.283	0.164	6.10e-06
220	0.693	34.423	0.683	27.601	32.295	0.173	6.10e-06
240	0.705	34.438	0.695	27.612	32.306	0.183	4.00e-06
260	0.718	34.447	0.707	27.619	32.312	0.192	2.60e-06
280	0.737	34.460	0.724	27.628	32.320	0.201	1.10e-06
300	0.738	34.467	0.725	27.633	32.326	0.210	5.10e-06
320	0.776	34.485	0.762	27.646	32.337	0.218	5.90e-06
340	0.822	34.508	0.806	27.661	32.351	0.226	4.80e-06
360	0.885	34.529	0.869	27.674	32.362	0.235	9.00e-06
380	0.933	34.543	0.916	27.683	32.369	0.242	1.50e-06
400	0.945	34.547	0.926	27.685	32.371	0.251	2.10e-08
420	1.033	34.572	1.013	27.699	32.383	0.258	3.90e-06
440	1.087	34.590	1.066	27.710	32.392	0.266	2.40e-06
460	1.122	34.602	1.100	27.717	32.398	0.273	6.80e-06
480	1.148	34.609	1.124	27.722	32.402	0.280	3.30e-06
500	1.203	34.627	1.178	27.732	32.411	0.287	3.00e-06
535	1.218	34.631	1.191	27.734	32.413	0.298	2.60e-06



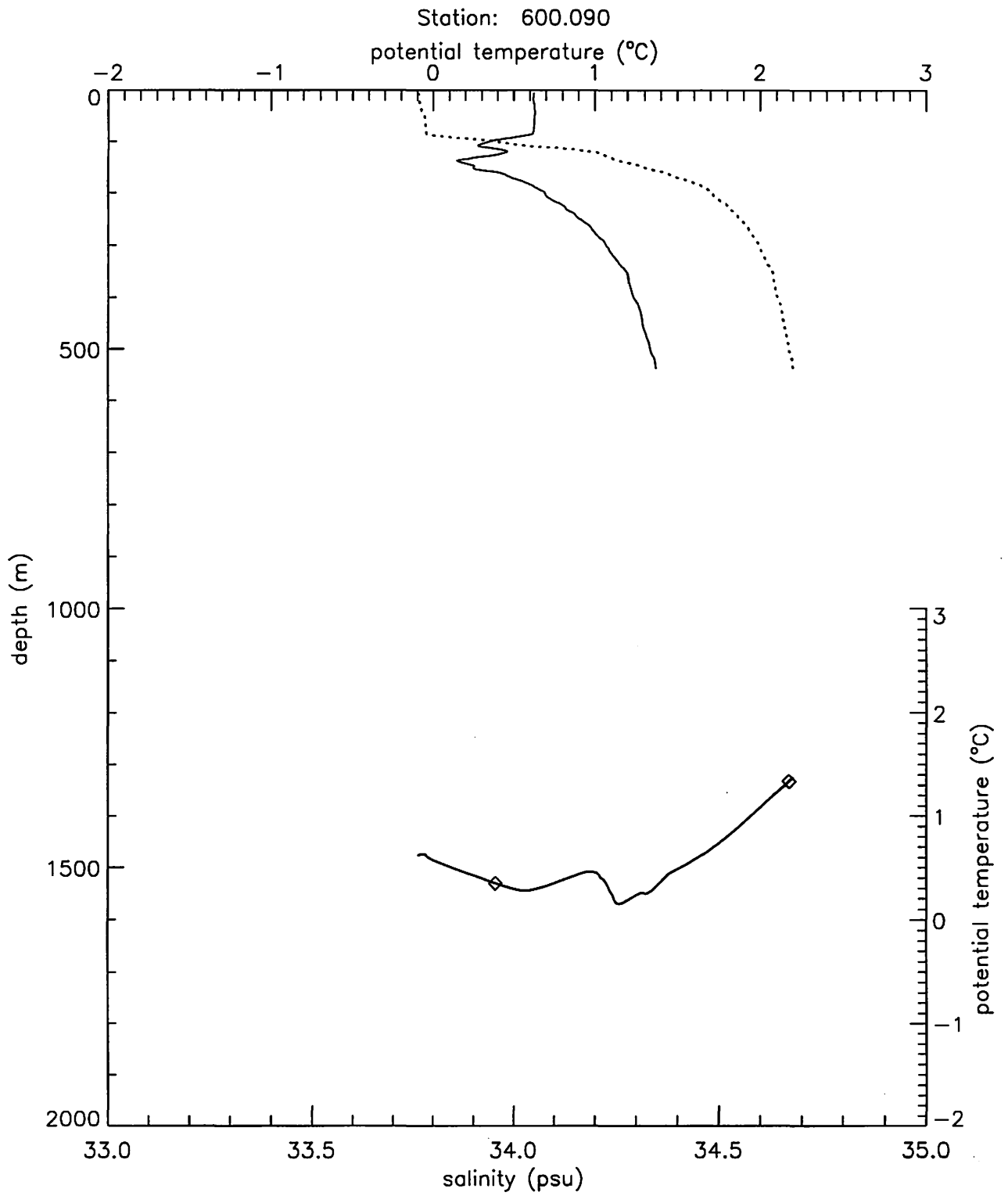
LTER 93b	Station:	600.040 (280)	JulianDay:	103	GMT:	0800
	Latitude:	64° 56.090' S	Longitude:	64° 24.030' W	Depth:	1314 m
	Barometer:	977.8 mb	RelHumidity:	78.5%	AirTemp:	0.4°C
	RH Temp:	-0.1°C	WindSpeed:	15.4 m s ⁻¹	WindDir:	353°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	0.410	33.541	0.410	26.907	31.615	0.004	-5.80e-04
10	0.411	33.541	0.410	26.907	31.616	0.007	8.40e-07
20	0.409	33.541	0.408	26.907	31.616	0.018	-6.30e-07
30	0.410	33.540	0.409	26.907	31.615	0.029	-8.50e-07
40	0.410	33.541	0.409	26.907	31.615	0.040	9.80e-07
50	0.422	33.550	0.420	26.914	31.622	0.052	1.20e-05
60	0.469	33.600	0.467	26.951	31.658	0.063	7.40e-05
70	0.550	33.730	0.548	27.052	31.755	0.073	5.80e-05
80	0.579	33.774	0.576	27.085	31.787	0.083	3.30e-05
90	0.619	33.835	0.616	27.132	31.833	0.093	8.90e-05
100	0.538	33.945	0.534	27.225	31.927	0.101	4.30e-05
110	0.465	34.006	0.460	27.279	31.982	0.109	2.40e-05
120	0.280	34.101	0.275	27.366	32.074	0.116	9.60e-05
130	0.362	34.191	0.357	27.433	32.138	0.122	7.90e-05
140	0.435	34.250	0.430	27.477	32.180	0.128	2.60e-05
150	0.471	34.294	0.465	27.510	32.211	0.133	2.60e-05
160	0.470	34.320	0.464	27.531	32.232	0.139	1.90e-05
180	0.475	34.359	0.468	27.563	32.263	0.148	1.00e-05
200	0.572	34.404	0.564	27.593	32.290	0.158	1.50e-05
220	0.785	34.453	0.776	27.620	32.311	0.167	2.90e-06
240	0.834	34.466	0.823	27.627	32.316	0.176	6.20e-06
260	0.830	34.495	0.819	27.651	32.340	0.184	5.20e-06
280	0.847	34.512	0.835	27.663	32.352	0.193	7.50e-06
300	0.934	34.540	0.920	27.680	32.366	0.200	7.00e-06
320	1.030	34.574	1.015	27.701	32.384	0.208	5.40e-06
340	1.058	34.584	1.042	27.707	32.389	0.215	2.20e-06
360	1.102	34.597	1.085	27.714	32.396	0.223	3.40e-06
380	1.124	34.605	1.105	27.720	32.400	0.230	2.70e-06
400	1.153	34.613	1.133	27.724	32.404	0.238	3.00e-06
420	1.170	34.623	1.149	27.731	32.411	0.244	1.40e-06
440	1.207	34.631	1.185	27.735	32.413	0.251	2.00e-06
460	1.223	34.635	1.200	27.737	32.415	0.258	-1.50e-07
480	1.231	34.637	1.207	27.738	32.416	0.265	3.20e-07
500	1.240	34.639	1.215	27.739	32.417	0.272	9.10e-07
550	1.257	34.644	1.229	27.742	32.419	0.290	7.00e-08
600	1.268	34.647	1.237	27.743	32.421	0.307	4.50e-07
650	1.275	34.648	1.241	27.744	32.421	0.325	1.20e-07
700	1.284	34.650	1.248	27.745	32.422	0.341	1.90e-07
750	1.295	34.652	1.255	27.745	32.423	0.359	3.40e-08
800	1.301	34.652	1.258	27.745	32.423	0.376	2.00e-07
850	1.307	34.653	1.261	27.745	32.423	0.393	2.10e-09
900	1.311	34.653	1.262	27.745	32.423	0.412	5.60e-08
950	1.318	34.654	1.265	27.746	32.424	0.430	1.90e-07
1000	1.324	34.655	1.268	27.746	32.424	0.448	-2.70e-08
1100	1.332	34.656	1.270	27.746	32.424	0.483	5.80e-08
1200	1.340	34.656	1.271	27.745	32.424	0.519	2.40e-07
1300	1.359	34.659	1.283	27.746	32.426	0.555	-3.80e-08
1339	1.372	34.661	1.293	27.747	32.426	0.570	1.00e-06



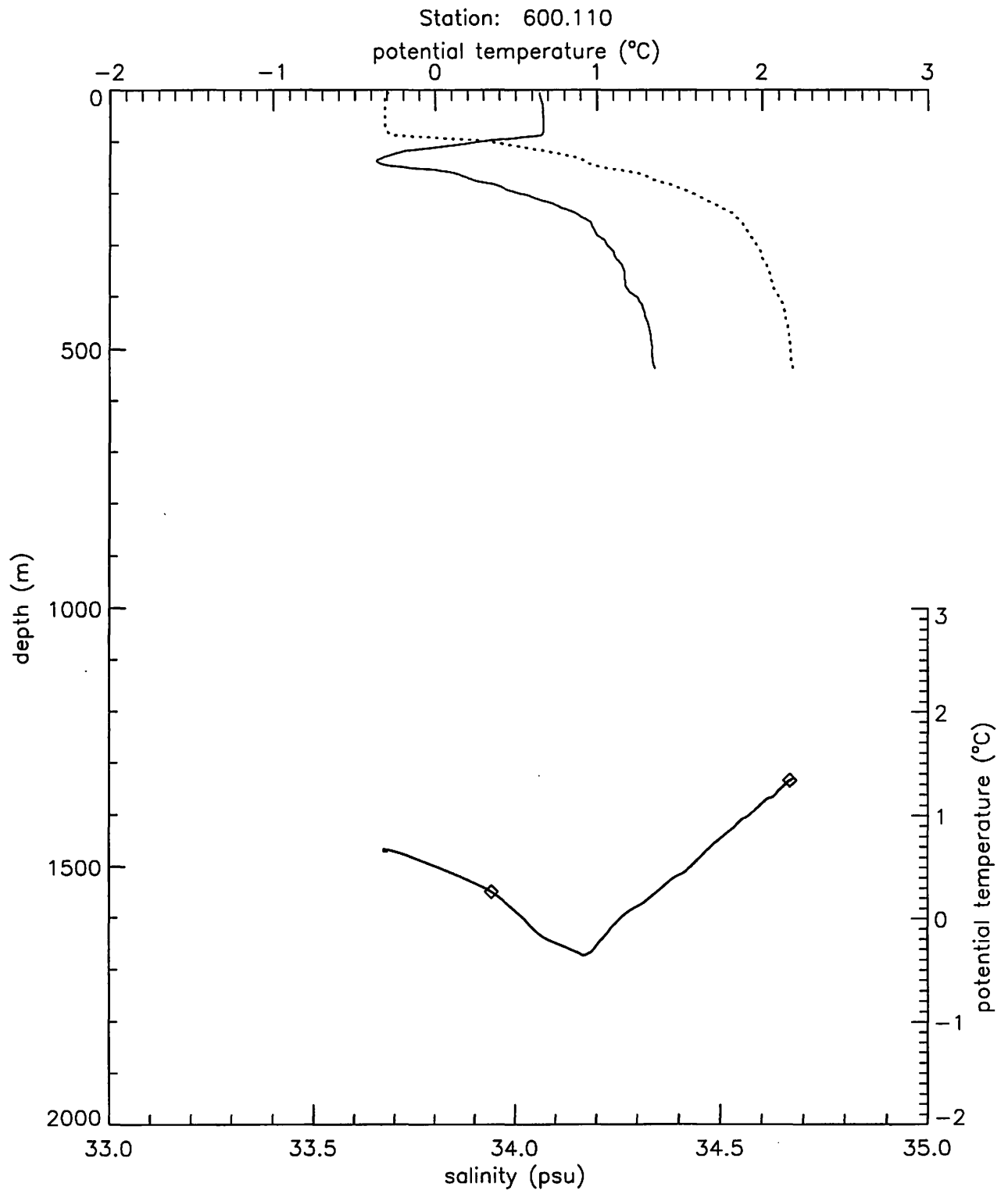
LTER 93b	Station:	600.090 (306)	JulianDay:	104	GMT:	0300
	Latitude:	64° 38.180' S	Longitude:	65° 11.160' W	Depth:	558 m
	Barometer:	989.5 mb	RelHumidity:	92.7%	AirTemp:	-0.3°C
	RH Temp:	-0.9°C	WindSpeed:	1.4 m s ⁻¹	WindDir:	292°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	0.624	33.763	0.624	27.074	31.775	0.004	-3.80e-06
10	0.622	33.764	0.622	27.074	31.775	0.006	1.90e-06
20	0.622	33.765	0.621	27.076	31.776	0.012	6.40e-07
30	0.629	33.768	0.628	27.078	31.778	0.021	2.30e-06
40	0.632	33.771	0.631	27.080	31.780	0.028	3.00e-06
50	0.631	33.777	0.629	27.084	31.785	0.038	4.70e-06
60	0.629	33.780	0.627	27.087	31.788	0.047	1.70e-06
70	0.628	33.780	0.625	27.087	31.788	0.055	1.90e-06
80	0.625	33.782	0.621	27.089	31.789	0.064	1.90e-06
90	0.527	33.832	0.523	27.135	31.838	0.074	1.30e-04
100	0.351	33.955	0.348	27.244	31.951	0.082	7.60e-05
110	0.302	34.060	0.298	27.331	32.039	0.088	1.20e-04
120	0.463	34.193	0.458	27.430	32.132	0.094	1.10e-05
130	0.283	34.236	0.278	27.474	32.181	0.099	3.20e-05
140	0.174	34.273	0.169	27.510	32.220	0.104	3.00e-05
150	0.257	34.320	0.251	27.543	32.250	0.109	2.10e-05
160	0.415	34.371	0.408	27.575	32.277	0.114	2.40e-05
180	0.577	34.437	0.570	27.619	32.316	0.122	2.80e-05
200	0.702	34.485	0.694	27.651	32.344	0.130	2.90e-06
220	0.788	34.513	0.778	27.668	32.358	0.137	3.60e-06
240	0.884	34.542	0.873	27.685	32.372	0.144	7.90e-06
260	0.962	34.563	0.950	27.697	32.382	0.152	6.70e-06
280	1.021	34.579	1.008	27.706	32.389	0.159	3.70e-06
300	1.082	34.596	1.068	27.715	32.396	0.166	2.30e-06
320	1.127	34.608	1.111	27.722	32.402	0.171	3.80e-06
340	1.179	34.621	1.162	27.729	32.408	0.176	4.70e-06
360	1.220	34.632	1.202	27.735	32.412	0.183	4.80e-07
380	1.233	34.635	1.214	27.737	32.414	0.189	1.40e-06
400	1.253	34.641	1.233	27.740	32.416	0.196	2.70e-06
420	1.287	34.649	1.266	27.744	32.420	0.201	1.50e-06
440	1.306	34.654	1.283	27.746	32.422	0.208	3.80e-07
460	1.317	34.659	1.294	27.749	32.424	0.215	2.20e-06
480	1.340	34.665	1.316	27.753	32.427	0.220	1.90e-06
500	1.362	34.670	1.336	27.755	32.429	0.226	1.30e-06
534	1.395	34.678	1.368	27.760	32.433	0.236	1.20e-06



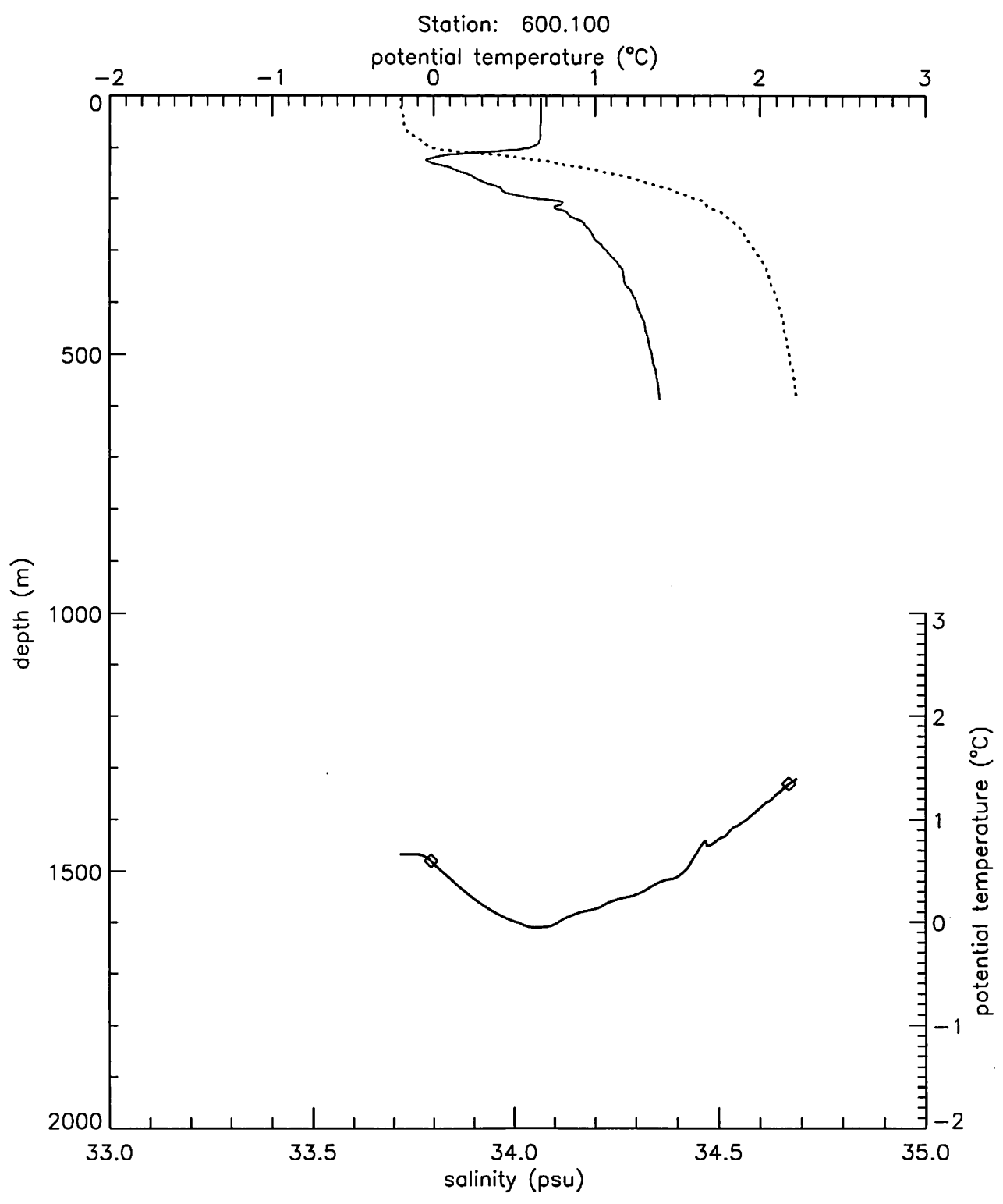
LTER 93b	Station:	600.100 (308)	JulianDay:	104	GMT:	0513
	Latitude:	64° 34.640' S	Longitude:	65° 20.380' W	Depth:	615 m
	Barometer:	991.5 mb	RelHumidity:	83.4%	AirTemp:	-0.1°C
	RH Temp:	-0.4°C	WindSpeed:	3.4 m s ⁻¹	WindDir:	63°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	0.667	33.718	0.667	27.035	31.734	0.004	-2.70e-07
10	0.668	33.718	0.667	27.035	31.734	0.006	-5.10e-08
20	0.668	33.717	0.667	27.035	31.734	0.014	9.00e-08
30	0.667	33.720	0.666	27.036	31.736	0.022	5.30e-06
40	0.668	33.723	0.666	27.039	31.738	0.032	9.30e-07
50	0.667	33.724	0.665	27.040	31.740	0.041	1.70e-06
60	0.666	33.728	0.663	27.043	31.743	0.050	3.90e-06
70	0.666	33.735	0.663	27.049	31.749	0.058	9.30e-06
80	0.666	33.758	0.663	27.067	31.767	0.067	1.70e-05
90	0.657	33.773	0.653	27.080	31.779	0.074	1.50e-05
100	0.605	33.793	0.601	27.099	31.800	0.082	4.50e-05
110	0.235	33.900	0.231	27.206	31.917	0.090	1.90e-04
120	-0.002	34.014	-0.007	27.310	32.027	0.097	7.90e-05
130	-0.006	34.104	-0.011	27.383	32.100	0.104	2.10e-05
140	0.115	34.176	0.110	27.435	32.147	0.110	5.10e-05
150	0.204	34.236	0.198	27.479	32.188	0.116	4.00e-05
160	0.266	34.292	0.260	27.520	32.227	0.120	3.90e-05
180	0.427	34.376	0.420	27.579	32.281	0.129	2.50e-05
200	0.654	34.442	0.646	27.619	32.313	0.137	1.70e-05
220	0.775	34.484	0.765	27.645	32.336	0.145	2.10e-05
240	0.899	34.527	0.888	27.671	32.358	0.152	1.10e-05
260	0.976	34.554	0.964	27.689	32.373	0.159	5.50e-06
280	1.015	34.569	1.002	27.698	32.381	0.166	4.70e-06
300	1.083	34.588	1.069	27.708	32.390	0.173	5.00e-06
320	1.142	34.604	1.127	27.718	32.398	0.180	4.30e-06
340	1.187	34.617	1.171	27.725	32.404	0.186	2.70e-06
360	1.197	34.624	1.179	27.730	32.408	0.193	1.90e-06
380	1.242	34.635	1.223	27.736	32.413	0.200	2.30e-06
400	1.271	34.642	1.251	27.740	32.416	0.206	1.50e-06
420	1.294	34.650	1.273	27.744	32.420	0.211	1.90e-06
440	1.323	34.657	1.301	27.748	32.423	0.218	6.10e-07
460	1.337	34.659	1.313	27.749	32.423	0.224	6.00e-06
480	1.352	34.665	1.327	27.752	32.426	0.230	1.00e-06
500	1.370	34.670	1.345	27.755	32.429	0.236	9.10e-07
550	1.406	34.682	1.377	27.762	32.435	0.252	1.30e-06
584	1.421	34.687	1.390	27.765	32.438	0.261	4.90e-07



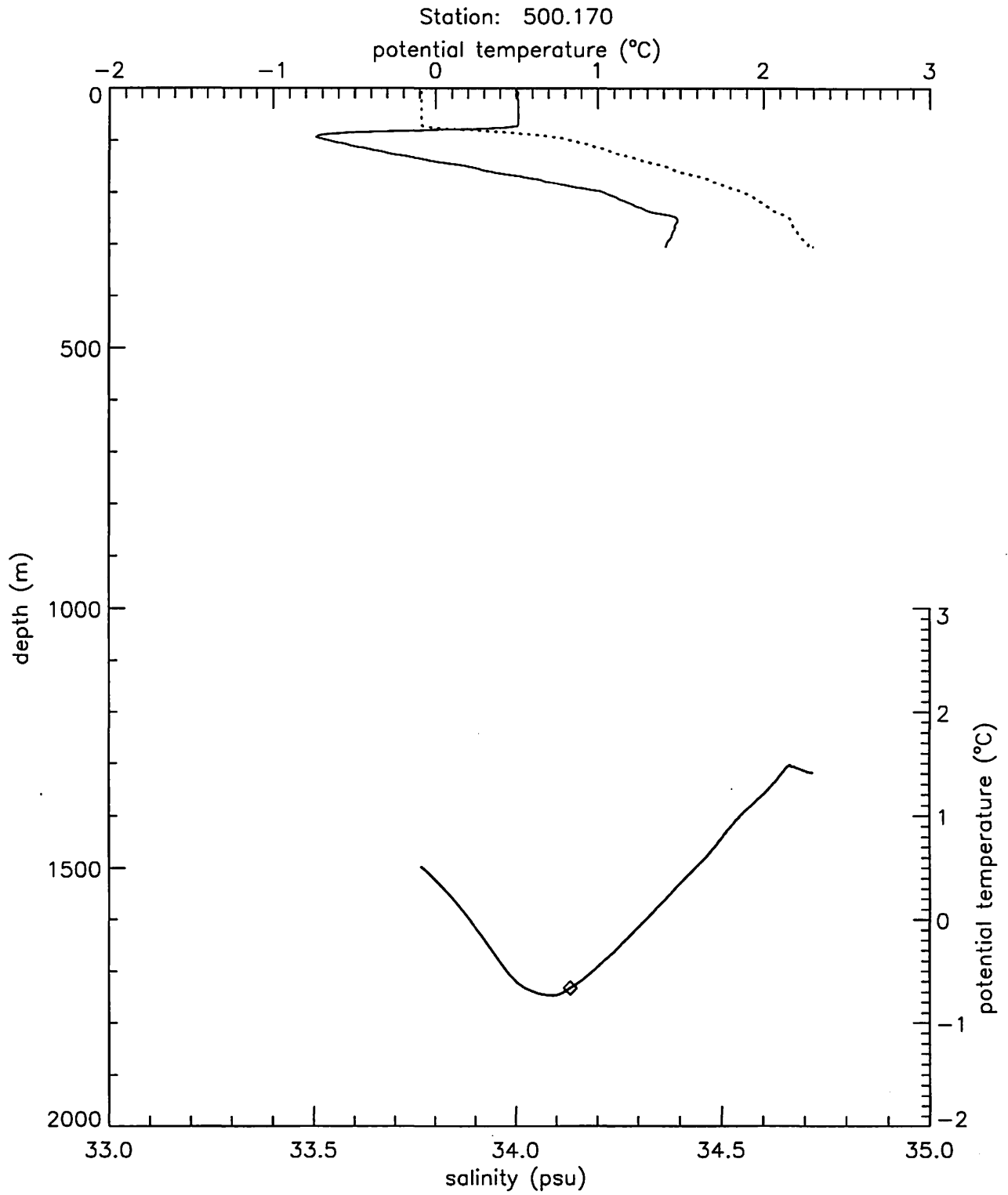
LTER 93b	Station:	600.110 (315)	JulianDay:	104	GMT:	1047
	Latitude:	64° 30.860' S	Longitude:	65° 29.440' W	Depth:	567 m
	Barometer:	996.5 mb	RelHumidity:	95.5%	AirTemp:	-0.5°C
	RH Temp:	-0.3°C	WindSpeed:	8.1 m s ⁻¹	WindDir:	16°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	0.649	33.683	0.649	27.008	31.708	0.003	-3.90e-04
10	0.650	33.674	0.649	27.001	31.701	0.007	-5.00e-07
20	0.659	33.674	0.659	27.000	31.700	0.017	-7.60e-07
30	0.669	33.674	0.668	26.999	31.699	0.027	-4.20e-07
40	0.670	33.674	0.668	26.999	31.699	0.036	2.70e-07
50	0.671	33.674	0.669	26.999	31.699	0.044	2.90e-07
60	0.673	33.675	0.671	27.000	31.700	0.053	3.40e-07
70	0.674	33.675	0.671	27.000	31.700	0.064	5.70e-07
80	0.673	33.679	0.670	27.004	31.704	0.071	1.40e-05
90	0.556	33.773	0.552	27.086	31.789	0.081	9.50e-05
100	0.262	33.942	0.258	27.238	31.948	0.087	1.80e-05
110	0.023	34.015	0.019	27.310	32.026	0.095	6.20e-05
120	-0.212	34.085	-0.216	27.378	32.101	0.101	5.10e-05
130	-0.321	34.150	-0.326	27.436	32.161	0.107	2.90e-05
140	-0.351	34.176	-0.355	27.458	32.184	0.111	-2.60e-05
150	-0.169	34.221	-0.174	27.486	32.207	0.115	5.90e-05
160	0.118	34.298	0.112	27.533	32.245	0.121	4.40e-05
180	0.340	34.368	0.333	27.578	32.282	0.130	2.20e-05
200	0.531	34.433	0.523	27.619	32.317	0.138	1.60e-05
220	0.744	34.486	0.735	27.649	32.340	0.145	5.20e-06
240	0.896	34.532	0.885	27.676	32.363	0.151	3.70e-06
260	0.980	34.554	0.968	27.688	32.373	0.159	1.20e-06
280	1.012	34.568	0.999	27.698	32.381	0.165	2.30e-06
300	1.079	34.586	1.065	27.707	32.389	0.172	4.70e-06
320	1.126	34.599	1.111	27.714	32.395	0.178	6.90e-07
340	1.173	34.612	1.156	27.722	32.401	0.184	1.70e-06
360	1.186	34.619	1.168	27.727	32.405	0.190	7.00e-07
380	1.196	34.626	1.177	27.732	32.410	0.196	1.70e-06
400	1.265	34.642	1.246	27.739	32.416	0.203	4.60e-06
420	1.299	34.651	1.278	27.745	32.420	0.210	1.50e-06
440	1.320	34.657	1.297	27.748	32.423	0.216	1.40e-06
460	1.341	34.662	1.318	27.750	32.424	0.222	7.20e-07
480	1.354	34.665	1.329	27.752	32.426	0.228	1.20e-06
500	1.364	34.668	1.338	27.754	32.428	0.235	1.30e-06
530	1.374	34.672	1.346	27.756	32.430	0.245	0.00e+00



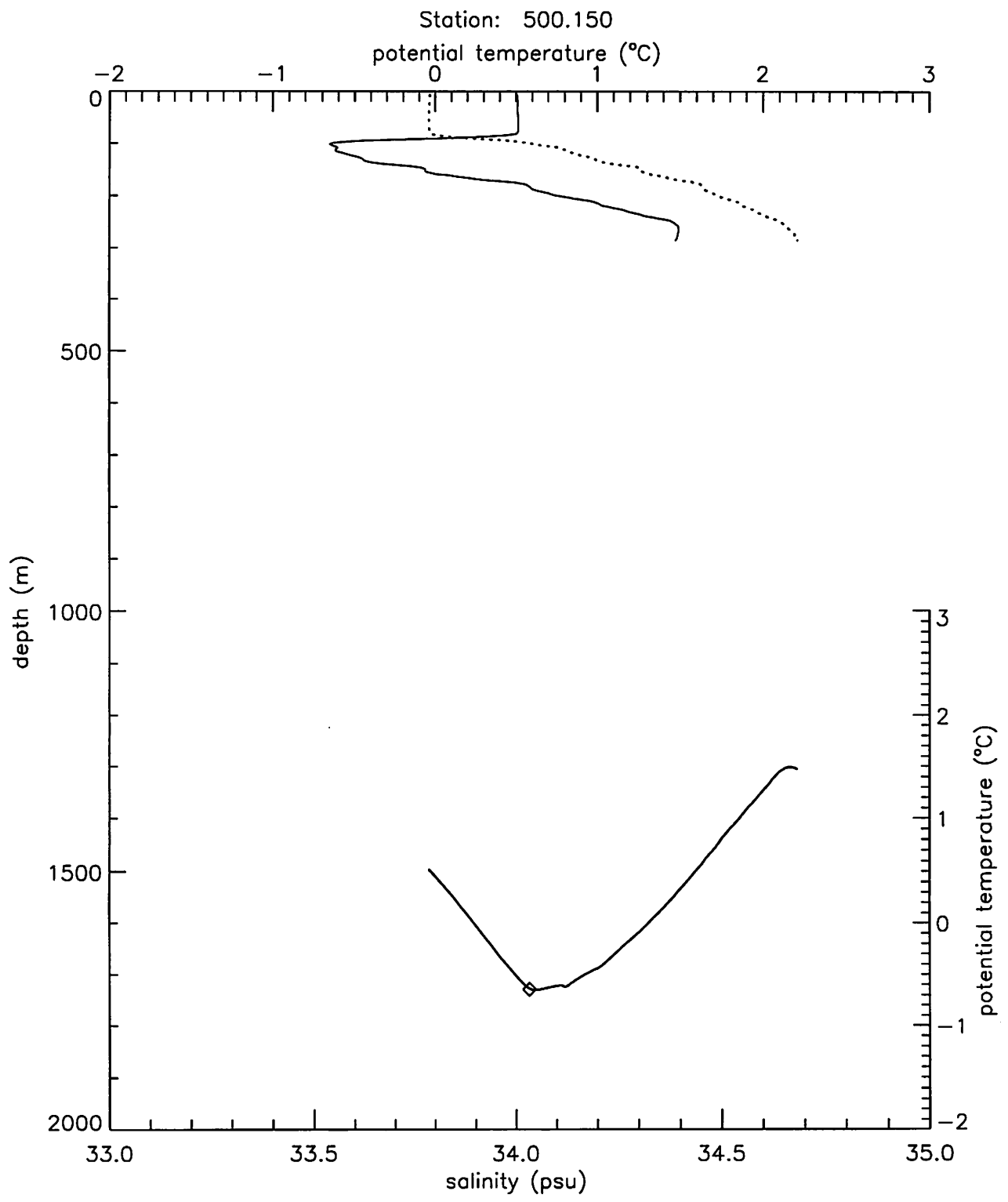
LTER 93b	Station:	500.170 (329)	JulianDay:	105	GMT:	0801
	Latitude:	64° 47.780' S	Longitude:	67° 50.470' W	Depth:	326 m
	Barometer:	1007.7 mb	RelHumidity:	85.8%	AirTemp:	-1.8°C
	RH Temp:	-2.5°C	WindSpeed:	10.8 m s ⁻¹	WindDir:	9°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
6	0.512	33.764	0.512	27.081	31.785	0.004	1.30e-04
10	0.511	33.764	0.511	27.081	31.785	0.007	3.20e-07
20	0.510	33.764	0.509	27.081	31.785	0.015	-4.80e-07
30	0.512	33.764	0.511	27.081	31.785	0.024	-2.00e-08
40	0.514	33.764	0.512	27.081	31.785	0.034	-2.60e-08
50	0.515	33.764	0.513	27.081	31.785	0.044	2.70e-07
60	0.514	33.764	0.512	27.081	31.785	0.054	-2.40e-08
70	0.514	33.765	0.512	27.082	31.786	0.062	2.60e-06
80	-0.018	33.889	-0.021	27.209	31.928	0.072	3.60e-04
90	-0.711	34.054	-0.714	27.375	32.113	0.078	1.10e-04
100	-0.660	34.134	-0.663	27.438	32.174	0.083	3.70e-06
110	-0.526	34.181	-0.530	27.470	32.202	0.088	2.50e-05
120	-0.359	34.228	-0.363	27.501	32.227	0.093	2.50e-05
130	-0.178	34.274	-0.183	27.529	32.249	0.099	3.10e-05
140	-0.013	34.314	-0.018	27.553	32.268	0.104	2.80e-05
150	0.203	34.365	0.197	27.582	32.291	0.109	2.60e-05
160	0.349	34.398	0.343	27.601	32.305	0.114	2.80e-05
180	0.700	34.481	0.692	27.647	32.340	0.122	1.40e-05
200	1.044	34.554	1.035	27.684	32.367	0.130	1.30e-05
220	1.201	34.597	1.191	27.708	32.386	0.137	1.10e-05
240	1.374	34.637	1.362	27.728	32.401	0.144	1.20e-05
260	1.488	34.668	1.475	27.745	32.414	0.150	7.10e-06
280	1.466	34.684	1.452	27.759	32.429	0.157	8.80e-06
300	1.432	34.708	1.417	27.781	32.451	0.163	4.80e-06
301	1.432	34.708	1.417	27.781	32.452	0.163	4.70e-06



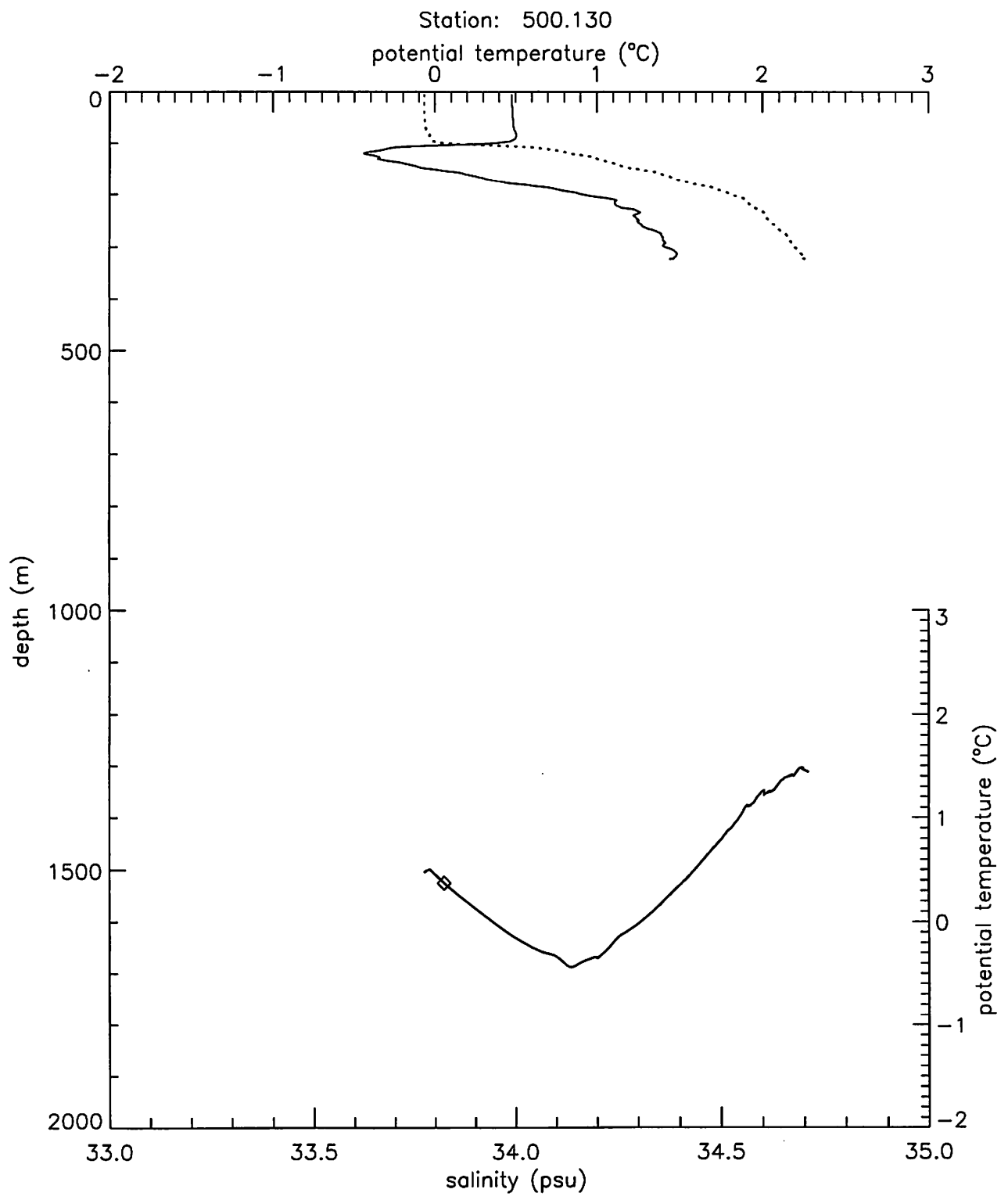
LTER 93b	Station: 500.150 (335)	JulianDay: 105	GMT: 1217
	Latitude: 64° 55.340' S	Longitude: 67° 32.430' W	Depth: 309 m
	Barometer: 1007.6 mb	RelHumidity: 82.8%	AirTemp: -0.7°C
	RH Temp: -1.4°C	WindSpeed: 8.8 m s ⁻¹	WindDir: 9°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
6	0.510	33.786	0.509	27.099	31.803	0.005	-1.60e-06
10	0.510	33.786	0.509	27.099	31.803	0.007	-1.20e-06
20	0.510	33.785	0.510	27.098	31.802	0.015	-1.00e-06
30	0.511	33.784	0.509	27.097	31.801	0.024	-1.70e-07
40	0.511	33.784	0.509	27.097	31.801	0.032	-4.20e-07
50	0.515	33.784	0.513	27.097	31.800	0.041	-1.70e-07
60	0.516	33.784	0.513	27.097	31.800	0.050	3.10e-08
70	0.517	33.784	0.514	27.097	31.801	0.059	1.10e-06
80	0.511	33.786	0.508	27.099	31.803	0.068	2.10e-05
90	0.091	33.878	0.088	27.195	31.911	0.077	2.30e-04
100	-0.641	34.033	-0.644	27.355	32.092	0.084	3.20e-05
110	-0.603	34.114	-0.607	27.419	32.154	0.091	1.90e-05
120	-0.560	34.143	-0.564	27.441	32.174	0.097	2.80e-05
130	-0.449	34.192	-0.454	27.476	32.205	0.103	1.80e-05
140	-0.313	34.238	-0.318	27.506	32.231	0.109	5.70e-05
150	-0.059	34.308	-0.064	27.550	32.267	0.114	5.50e-06
160	0.033	34.330	0.027	27.564	32.277	0.119	3.90e-05
180	0.576	34.452	0.568	27.631	32.328	0.127	5.50e-06
200	0.756	34.488	0.747	27.650	32.341	0.136	1.40e-05
220	1.048	34.551	1.038	27.681	32.363	0.144	1.20e-05
240	1.309	34.607	1.297	27.709	32.383	0.151	1.30e-05
260	1.502	34.657	1.489	27.734	32.403	0.158	8.80e-06
280	1.497	34.677	1.482	27.751	32.420	0.165	4.60e-06
281	1.496	34.677	1.482	27.752	32.421	0.165	4.50e-06



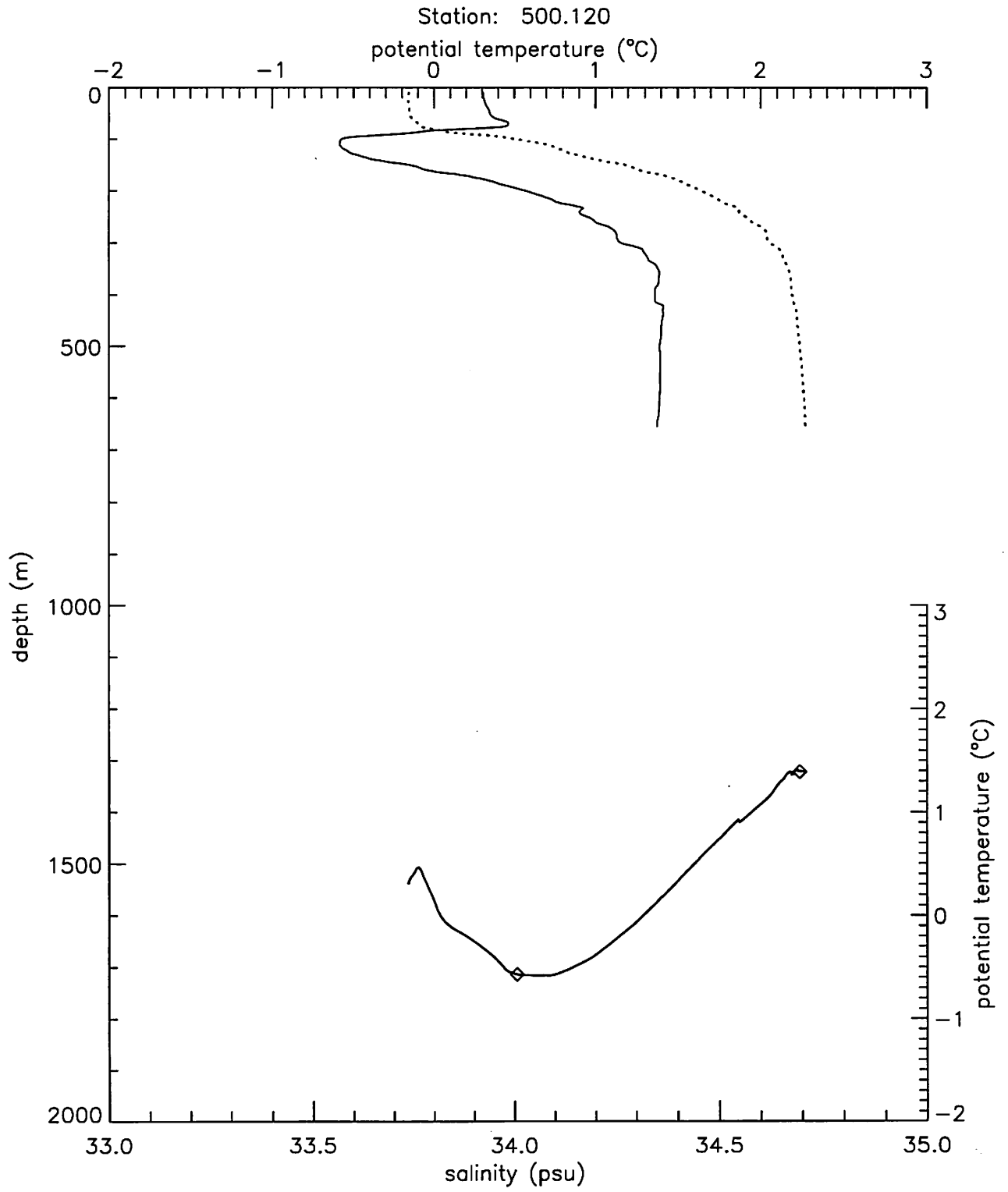
LTER 93b	Station:	500.130 (341)	JulianDay:	105	GMT:	1617
	Latitude:	65° 2.740' S	Longitude:	67° 14.300' W	Depth:	348 m
	Barometer:	1005.4 mb	RelHumidity:	98.5%	AirTemp:	-0.9°C
	RH Temp:	-1.5°C	WindSpeed:	7.7 m s ⁻¹	WindDir:	13°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	0.477	33.773	0.477	27.090	31.795	0.003	-7.00e-07
10	0.478	33.773	0.478	27.090	31.795	0.007	-7.50e-09
20	0.478	33.773	0.477	27.090	31.795	0.016	-1.30e-07
30	0.480	33.773	0.479	27.090	31.795	0.025	-1.10e-06
40	0.480	33.773	0.479	27.090	31.795	0.033	6.60e-07
50	0.485	33.774	0.483	27.091	31.795	0.041	6.40e-07
60	0.488	33.775	0.486	27.091	31.796	0.050	5.70e-07
70	0.491	33.776	0.489	27.092	31.796	0.058	2.40e-06
80	0.506	33.784	0.503	27.097	31.801	0.067	6.50e-06
90	0.504	33.788	0.500	27.101	31.805	0.076	6.00e-06
100	0.380	33.822	0.376	27.135	31.842	0.084	1.80e-04
110	-0.280	34.061	-0.284	27.362	32.087	0.092	7.60e-05
120	-0.439	34.135	-0.442	27.429	32.158	0.099	3.40e-05
130	-0.347	34.199	-0.352	27.477	32.203	0.105	1.70e-05
140	-0.185	34.242	-0.190	27.503	32.224	0.111	1.60e-05
150	-0.045	34.289	-0.051	27.534	32.251	0.116	4.60e-05
160	0.180	34.355	0.174	27.576	32.285	0.120	2.10e-05
180	0.511	34.437	0.503	27.623	32.322	0.129	3.90e-05
200	0.908	34.524	0.899	27.669	32.355	0.137	1.50e-05
220	1.121	34.569	1.111	27.691	32.371	0.145	5.60e-06
240	1.235	34.604	1.223	27.711	32.388	0.152	4.60e-06
260	1.288	34.629	1.275	27.728	32.403	0.159	3.00e-06
280	1.410	34.661	1.396	27.744	32.416	0.165	6.50e-06
300	1.424	34.676	1.409	27.756	32.427	0.172	3.20e-06
319	1.492	34.697	1.476	27.768	32.437	0.177	1.50e-07



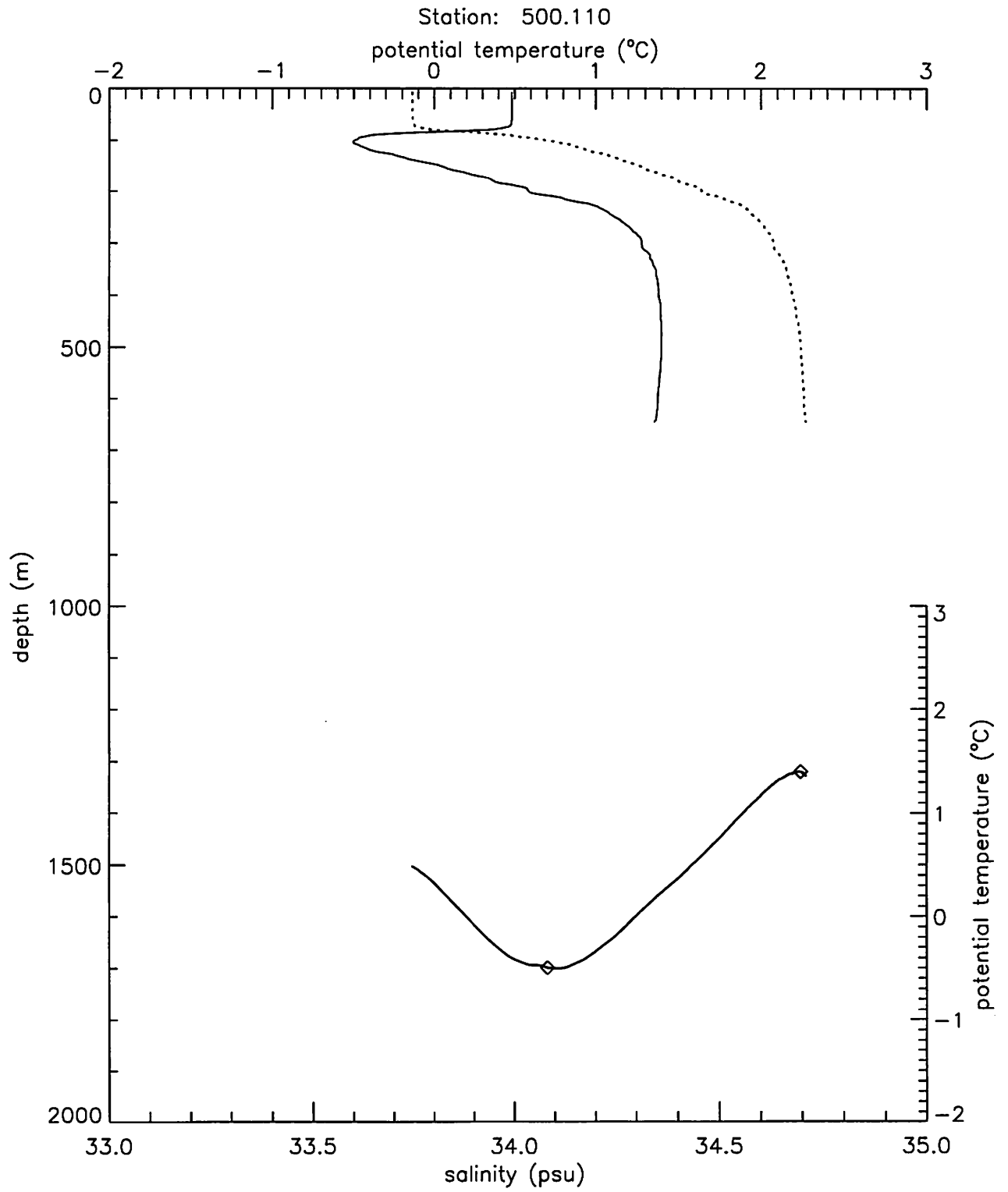
LTER 93b	Station:	500.120 (343)	JulianDay:	105	GMT:	1854
	Latitude:	65° 6.550' S	Longitude:	67° 4.940' W	Depth:	673 m
	Barometer:	1004.0 mb	RelHumidity:	100.8%	AirTemp:	1.1°C
	RH Temp:	1.4°C	WindSpeed:	10.2 m s ⁻¹	WindDir:	355°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
9	0.306	33.737	0.306	27.071	31.781	0.007	-5.60e-06
10	0.306	33.737	0.305	27.071	31.781	0.007	-4.40e-06
20	0.311	33.736	0.310	27.069	31.779	0.016	-1.10e-06
30	0.322	33.736	0.320	27.069	31.779	0.026	4.70e-07
40	0.340	33.738	0.338	27.069	31.779	0.036	1.10e-06
50	0.350	33.739	0.349	27.070	31.779	0.045	5.30e-07
60	0.391	33.746	0.389	27.073	31.781	0.055	8.60e-06
70	0.468	33.760	0.465	27.080	31.785	0.065	8.40e-06
80	0.190	33.795	0.187	27.124	31.837	0.074	9.80e-05
90	-0.230	33.892	-0.233	27.223	31.948	0.083	1.70e-04
100	-0.569	34.006	-0.572	27.330	32.065	0.090	6.10e-05
110	-0.579	34.081	-0.582	27.391	32.125	0.097	4.20e-05
120	-0.549	34.114	-0.553	27.417	32.149	0.103	2.70e-05
130	-0.487	34.149	-0.491	27.443	32.174	0.110	3.80e-05
140	-0.371	34.202	-0.376	27.480	32.207	0.115	4.70e-05
150	-0.153	34.272	-0.159	27.526	32.246	0.121	3.50e-05
160	-0.044	34.304	-0.050	27.546	32.263	0.126	1.80e-05
180	0.343	34.401	0.336	27.604	32.308	0.135	1.50e-05
200	0.576	34.456	0.567	27.635	32.332	0.145	1.40e-05
220	0.757	34.502	0.747	27.661	32.352	0.153	8.90e-06
240	0.915	34.548	0.905	27.688	32.374	0.161	6.80e-06
260	1.011	34.578	0.999	27.705	32.389	0.169	5.50e-06
280	1.139	34.614	1.125	27.726	32.406	0.176	3.30e-06
300	1.167	34.621	1.152	27.730	32.409	0.184	4.30e-06
320	1.315	34.650	1.299	27.742	32.417	0.190	4.50e-06
340	1.373	34.661	1.356	27.747	32.420	0.197	2.30e-06
360	1.407	34.670	1.388	27.752	32.424	0.204	1.80e-06
380	1.401	34.674	1.382	27.756	32.428	0.211	1.60e-06
400	1.383	34.676	1.362	27.759	32.431	0.217	1.30e-06
420	1.424	34.684	1.403	27.762	32.433	0.224	1.20e-06
440	1.434	34.687	1.411	27.764	32.435	0.231	6.50e-07
460	1.424	34.688	1.400	27.766	32.438	0.237	1.40e-06
480	1.424	34.691	1.399	27.767	32.440	0.244	1.50e-06
500	1.415	34.694	1.389	27.770	32.443	0.251	4.10e-07
550	1.421	34.699	1.392	27.775	32.447	0.267	4.30e-07
600	1.422	34.704	1.390	27.779	32.451	0.284	9.40e-07
650	1.411	34.707	1.376	27.782	32.455	0.300	-1.90e-07
651	1.411	34.707	1.376	27.782	32.455	0.300	-2.10e-07



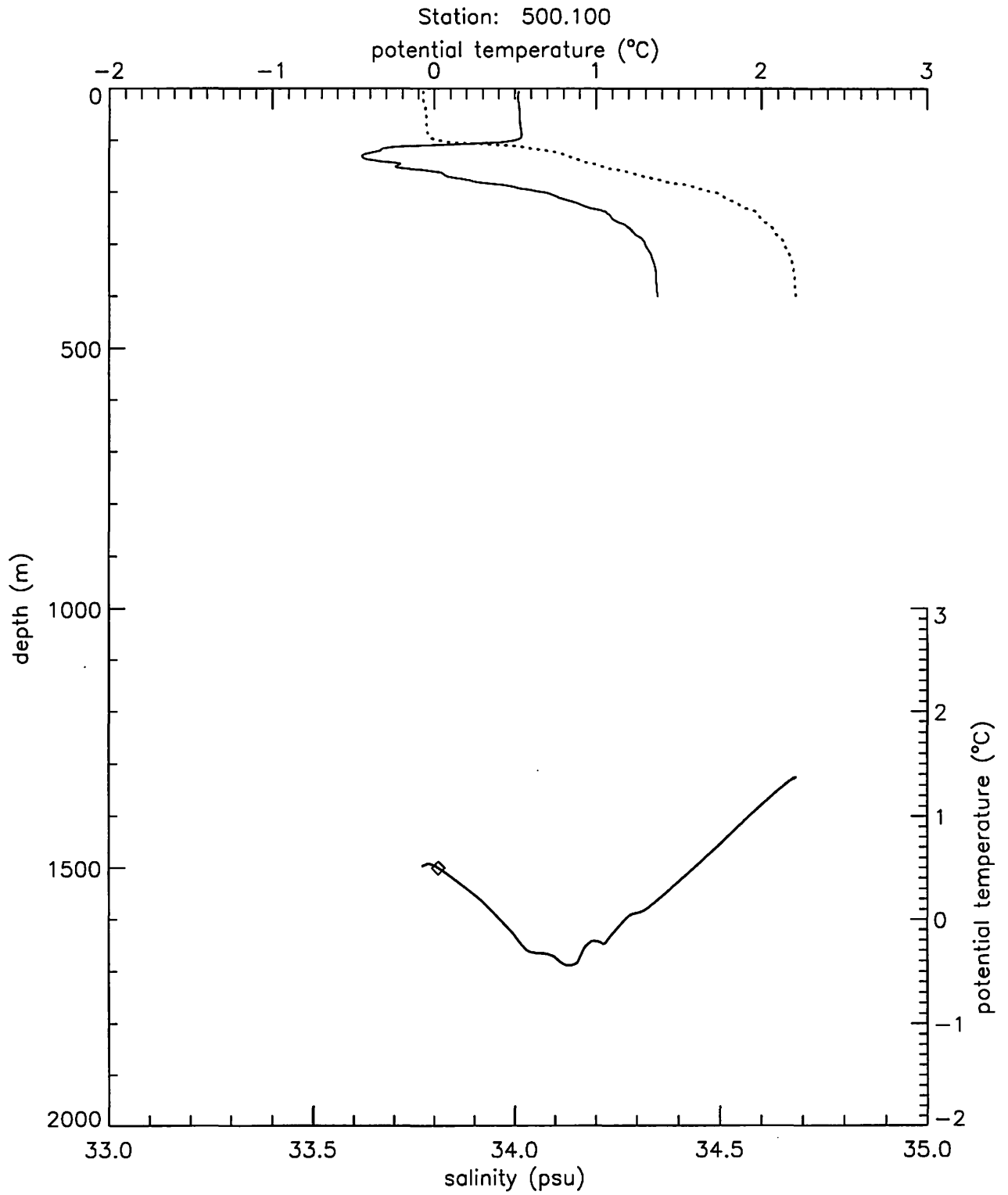
LTER 93b	Station:	500.110 (348)	JulianDay:	105	GMT:	2227
	Latitude:	65° 10.250' S	Longitude:	66° 55.590' W	Depth:	657 m
	Barometer:	1005.5 mb	RelHumidity:	100.7%	AirTemp:	0.6°C
	RH Temp:	1.5°C	WindSpeed:	11.0 m s ⁻¹	WindDir:	357°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	0.483	33.745	0.483	27.067	31.772	0.002	-4.20e-05
10	0.483	33.745	0.482	27.067	31.772	0.003	-2.40e-05
20	0.483	33.745	0.482	27.067	31.772	0.012	-1.80e-07
30	0.484	33.745	0.483	27.067	31.772	0.022	1.10e-06
40	0.485	33.745	0.483	27.068	31.772	0.032	-4.70e-07
50	0.485	33.746	0.483	27.068	31.773	0.042	5.00e-07
60	0.484	33.747	0.482	27.069	31.773	0.051	2.20e-07
70	0.478	33.750	0.476	27.071	31.776	0.061	5.00e-06
80	0.276	33.813	0.273	27.133	31.844	0.070	1.60e-04
90	-0.396	33.992	-0.399	27.311	32.040	0.078	9.20e-05
100	-0.492	34.082	-0.495	27.388	32.120	0.085	6.00e-05
110	-0.462	34.144	-0.466	27.437	32.167	0.091	2.60e-05
120	-0.380	34.184	-0.384	27.466	32.193	0.096	2.10e-05
130	-0.229	34.235	-0.233	27.500	32.222	0.102	2.60e-05
140	-0.104	34.270	-0.109	27.522	32.240	0.107	2.10e-05
150	0.044	34.308	0.038	27.545	32.259	0.112	2.00e-05
160	0.154	34.338	0.148	27.563	32.273	0.117	2.60e-05
180	0.382	34.402	0.374	27.603	32.306	0.127	8.80e-06
200	0.597	34.458	0.588	27.635	32.331	0.136	4.40e-06
220	0.887	34.528	0.877	27.673	32.360	0.144	1.70e-05
240	1.086	34.575	1.075	27.698	32.379	0.151	7.50e-06
260	1.180	34.599	1.167	27.711	32.390	0.158	4.80e-06
280	1.256	34.619	1.242	27.721	32.398	0.165	5.70e-06
300	1.296	34.630	1.281	27.728	32.403	0.171	1.50e-06
320	1.339	34.643	1.323	27.736	32.409	0.178	6.00e-06
340	1.366	34.656	1.348	27.744	32.417	0.186	2.80e-06
360	1.386	34.665	1.368	27.749	32.422	0.192	1.40e-06
380	1.399	34.672	1.380	27.754	32.426	0.199	1.50e-06
400	1.403	34.676	1.383	27.758	32.430	0.205	1.60e-06
420	1.418	34.682	1.396	27.761	32.433	0.211	2.60e-06
440	1.419	34.685	1.397	27.763	32.435	0.218	7.50e-07
460	1.424	34.691	1.400	27.767	32.439	0.224	1.10e-06
480	1.425	34.694	1.400	27.770	32.442	0.230	7.20e-07
500	1.426	34.696	1.400	27.771	32.443	0.236	8.90e-07
550	1.420	34.700	1.391	27.775	32.448	0.252	1.90e-06
600	1.411	34.704	1.379	27.779	32.452	0.268	1.60e-07
642	1.402	34.707	1.368	27.782	32.455	0.280	3.60e-06



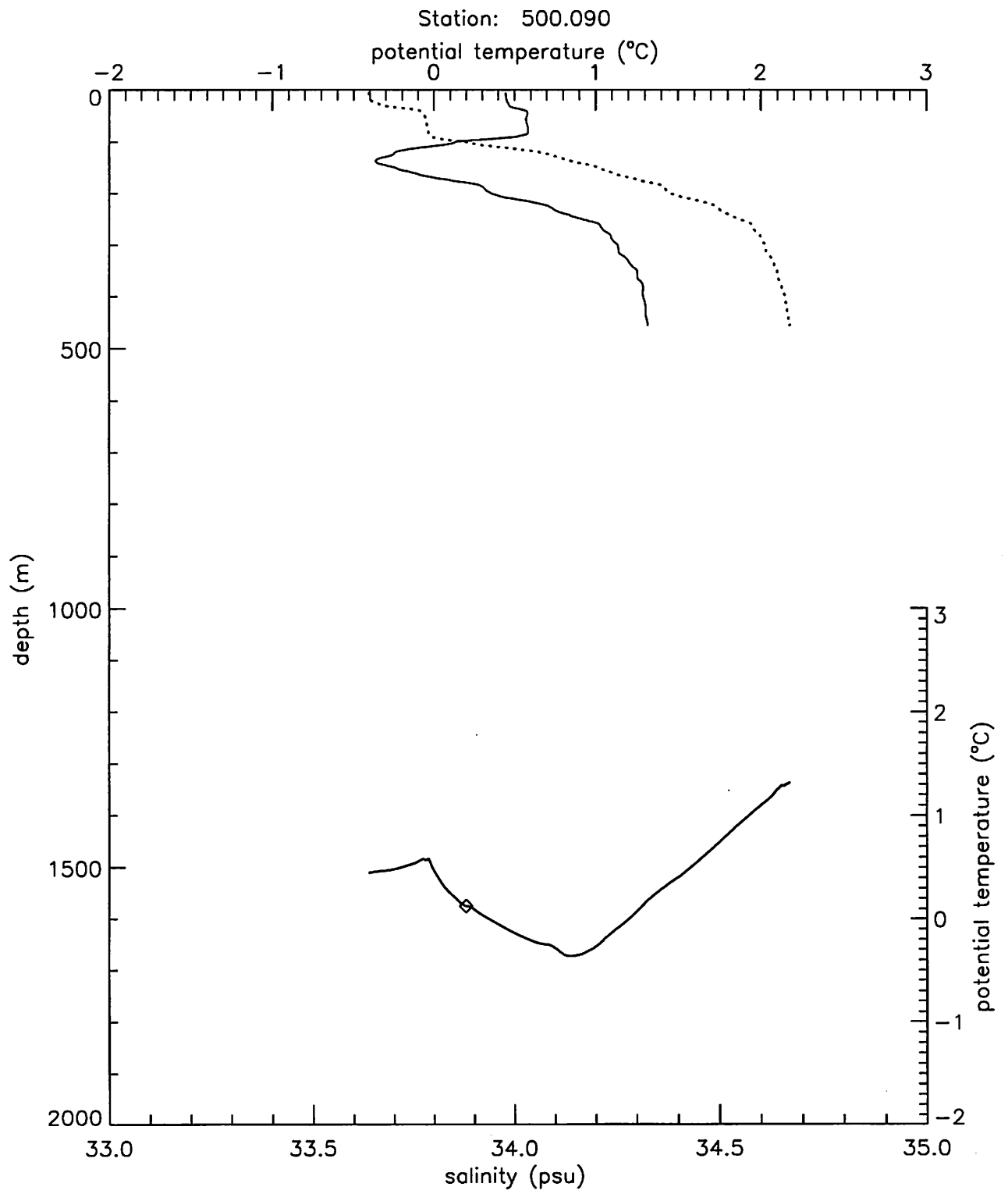
LTER 93b	Station:	500.100 (349)	JulianDay:	106	GMT:	1702
	Latitude:	65° 14.820' S	Longitude:	66° 46.210' W	Depth:	165 m
	Barometer:	1008.0 mb	RelHumidity:	101.4%	AirTemp:	0.2° C
	RH Temp:	1.5° C	WindSpeed:	7.2 m s ⁻¹	WindDir:	46°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	0.523	33.772	0.523	27.087	31.790	0.000	1.70e-06
10	0.522	33.772	0.522	27.087	31.790	0.001	-4.20e-07
20	0.519	33.772	0.518	27.087	31.790	0.008	7.10e-07
30	0.527	33.776	0.526	27.090	31.793	0.017	8.40e-07
40	0.529	33.777	0.528	27.090	31.794	0.027	2.00e-06
50	0.532	33.779	0.530	27.092	31.795	0.036	5.80e-07
60	0.533	33.779	0.530	27.092	31.795	0.046	2.40e-07
70	0.534	33.780	0.532	27.092	31.795	0.054	2.50e-07
80	0.541	33.782	0.538	27.093	31.797	0.063	2.70e-06
90	0.544	33.784	0.540	27.095	31.798	0.071	7.10e-06
100	0.501	33.810	0.498	27.119	31.823	0.079	7.50e-05
110	-0.067	33.981	-0.071	27.286	32.006	0.087	1.40e-04
120	-0.330	34.078	-0.334	27.378	32.104	0.094	6.10e-05
130	-0.446	34.130	-0.450	27.425	32.155	0.099	2.30e-05
140	-0.351	34.163	-0.355	27.448	32.174	0.105	8.70e-06
150	-0.228	34.214	-0.233	27.483	32.206	0.110	2.10e-05
160	-0.013	34.269	-0.019	27.517	32.232	0.116	3.40e-05
180	0.259	34.369	0.252	27.583	32.289	0.126	3.50e-05
200	0.680	34.485	0.671	27.652	32.345	0.135	2.00e-05
220	0.880	34.537	0.870	27.681	32.368	0.144	1.30e-05
240	1.078	34.589	1.067	27.710	32.391	0.151	5.60e-06
260	1.165	34.613	1.153	27.723	32.402	0.157	1.10e-05
280	1.247	34.635	1.233	27.735	32.412	0.164	5.20e-06
300	1.313	34.655	1.298	27.747	32.421	0.170	2.30e-06
320	1.350	34.668	1.334	27.754	32.428	0.177	1.40e-06
340	1.372	34.675	1.354	27.759	32.432	0.184	1.40e-06
360	1.383	34.680	1.365	27.762	32.434	0.190	5.00e-07
380	1.387	34.681	1.368	27.763	32.435	0.197	2.40e-07
391	1.390	34.682	1.370	27.763	32.435	0.199	1.90e-06



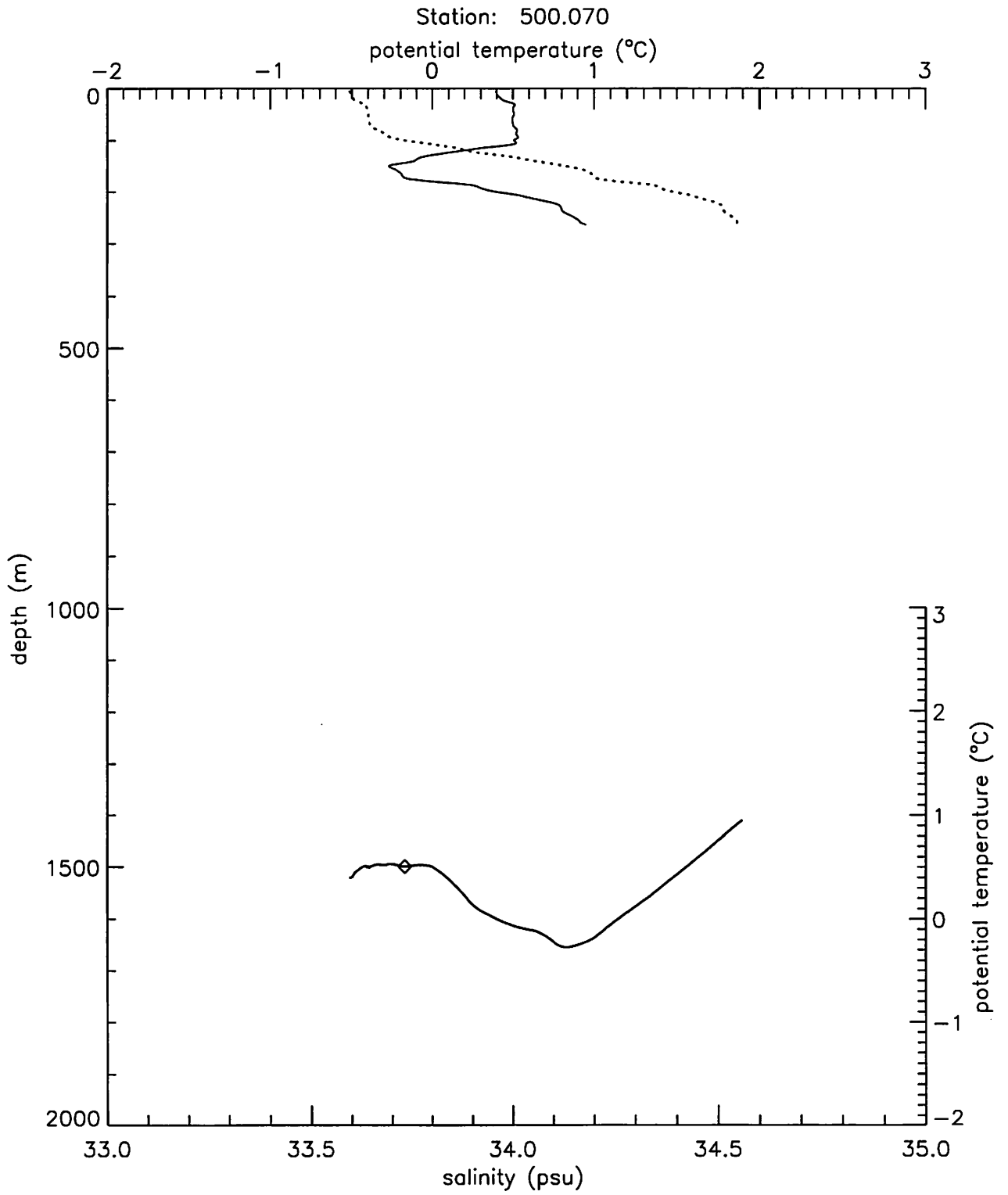
LTER 93b	Station:	500.090 (355)	JulianDay:	106	GMT:	0420
	Latitude:	65° 17.680' S	Longitude:	66° 37.070' W	Depth:	474 m
	Barometer:	1008.9 mb	RelHumidity:	100.2%	AirTemp:	0.2°C
	RH Temp:	1.3°C	WindSpeed:	6.0 m s ⁻¹	WindDir:	357°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	0.445	33.638	0.445	26.983	31.690	0.006	-2.70e-05
10	0.446	33.638	0.445	26.983	31.690	0.008	4.30e-07
20	0.452	33.641	0.451	26.985	31.692	0.015	1.10e-05
30	0.468	33.673	0.467	27.010	31.716	0.024	5.00e-05
40	0.569	33.763	0.568	27.077	31.779	0.035	1.90e-05
50	0.580	33.776	0.578	27.087	31.789	0.043	3.60e-06
60	0.574	33.779	0.572	27.089	31.791	0.052	1.80e-06
70	0.585	33.783	0.582	27.092	31.794	0.062	1.50e-06
80	0.588	33.785	0.584	27.093	31.795	0.071	2.00e-06
90	0.518	33.793	0.514	27.104	31.808	0.080	4.40e-05
100	0.129	33.879	0.126	27.195	31.909	0.089	3.20e-05
110	-0.075	33.971	-0.078	27.279	31.999	0.096	1.10e-04
120	-0.241	34.068	-0.245	27.366	32.090	0.102	3.80e-05
130	-0.319	34.112	-0.323	27.405	32.131	0.109	3.40e-05
140	-0.349	34.158	-0.353	27.444	32.170	0.115	4.30e-05
150	-0.232	34.211	-0.237	27.481	32.203	0.120	1.00e-05
160	-0.118	34.243	-0.124	27.501	32.220	0.125	2.10e-05
180	0.238	34.341	0.231	27.562	32.269	0.135	3.20e-05
200	0.366	34.383	0.358	27.588	32.291	0.144	1.90e-05
220	0.664	34.475	0.655	27.645	32.339	0.152	2.30e-05
240	0.829	34.520	0.819	27.671	32.360	0.159	1.30e-05
260	1.034	34.577	1.022	27.703	32.386	0.166	5.80e-06
280	1.102	34.597	1.088	27.715	32.395	0.174	3.80e-06
300	1.148	34.611	1.134	27.723	32.402	0.181	2.20e-06
320	1.175	34.619	1.160	27.727	32.406	0.186	7.20e-06
340	1.236	34.633	1.219	27.734	32.411	0.194	2.20e-06
360	1.272	34.640	1.254	27.738	32.414	0.200	1.10e-06
380	1.308	34.649	1.289	27.743	32.418	0.206	1.30e-06
400	1.309	34.657	1.289	27.749	32.424	0.212	1.00e-06
420	1.325	34.662	1.304	27.752	32.426	0.219	1.20e-06
440	1.330	34.666	1.307	27.754	32.429	0.225	1.20e-06
454	1.339	34.668	1.316	27.755	32.430	0.229	5.10e-06



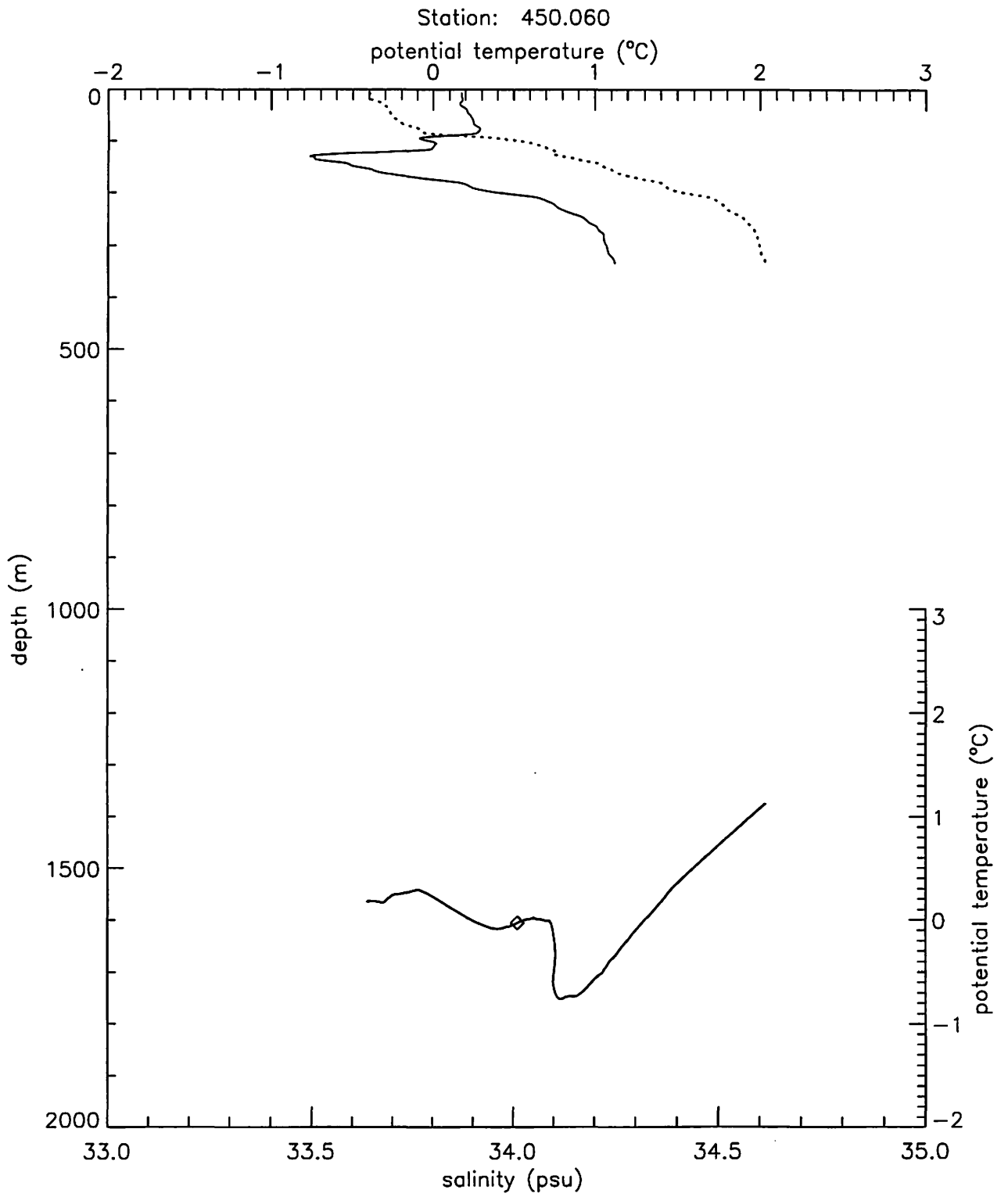
LTER 93b	Station:	500.070 (363)	JulianDay:	106	GMT:	1100
	Latitude:	65° 25.030' S	Longitude:	66° 18.320' W	Depth:	280 m
	Barometer:	1010.3 mb	RelHumidity:	101.0%	AirTemp:	0.3°C
	RH Temp:	2.1°C	WindSpeed:	4.1 m s ⁻¹	WindDir:	10°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	0.394	33.594	0.393	26.951	31.659	0.010	3.10e-05
10	0.400	33.598	0.399	26.954	31.662	0.014	7.10e-06
20	0.428	33.604	0.427	26.957	31.664	0.025	1.30e-06
30	0.511	33.630	0.510	26.973	31.678	0.036	2.10e-05
40	0.502	33.637	0.500	26.980	31.685	0.047	1.10e-06
50	0.508	33.640	0.506	26.981	31.686	0.057	3.10e-06
60	0.498	33.643	0.496	26.984	31.690	0.068	7.60e-07
70	0.503	33.644	0.500	26.985	31.690	0.079	3.00e-07
80	0.530	33.664	0.527	27.000	31.704	0.089	1.90e-05
90	0.528	33.687	0.525	27.018	31.722	0.100	9.30e-06
100	0.509	33.731	0.505	27.055	31.759	0.110	5.60e-05
110	0.438	33.825	0.434	27.134	31.840	0.120	9.00e-05
120	0.178	33.891	0.174	27.202	31.915	0.129	5.10e-05
130	-0.033	33.983	-0.038	27.287	32.006	0.137	7.80e-05
140	-0.111	34.056	-0.116	27.350	32.070	0.145	6.40e-05
150	-0.267	34.133	-0.272	27.419	32.143	0.151	5.10e-05
160	-0.207	34.184	-0.213	27.458	32.180	0.158	1.70e-05
180	0.025	34.265	0.019	27.511	32.226	0.170	8.00e-05
200	0.414	34.393	0.406	27.594	32.295	0.180	3.90e-05
220	0.742	34.492	0.732	27.653	32.345	0.189	2.10e-05
240	0.828	34.517	0.818	27.668	32.357	0.198	8.40e-06
260	0.927	34.546	0.915	27.685	32.372	0.206	1.10e-05



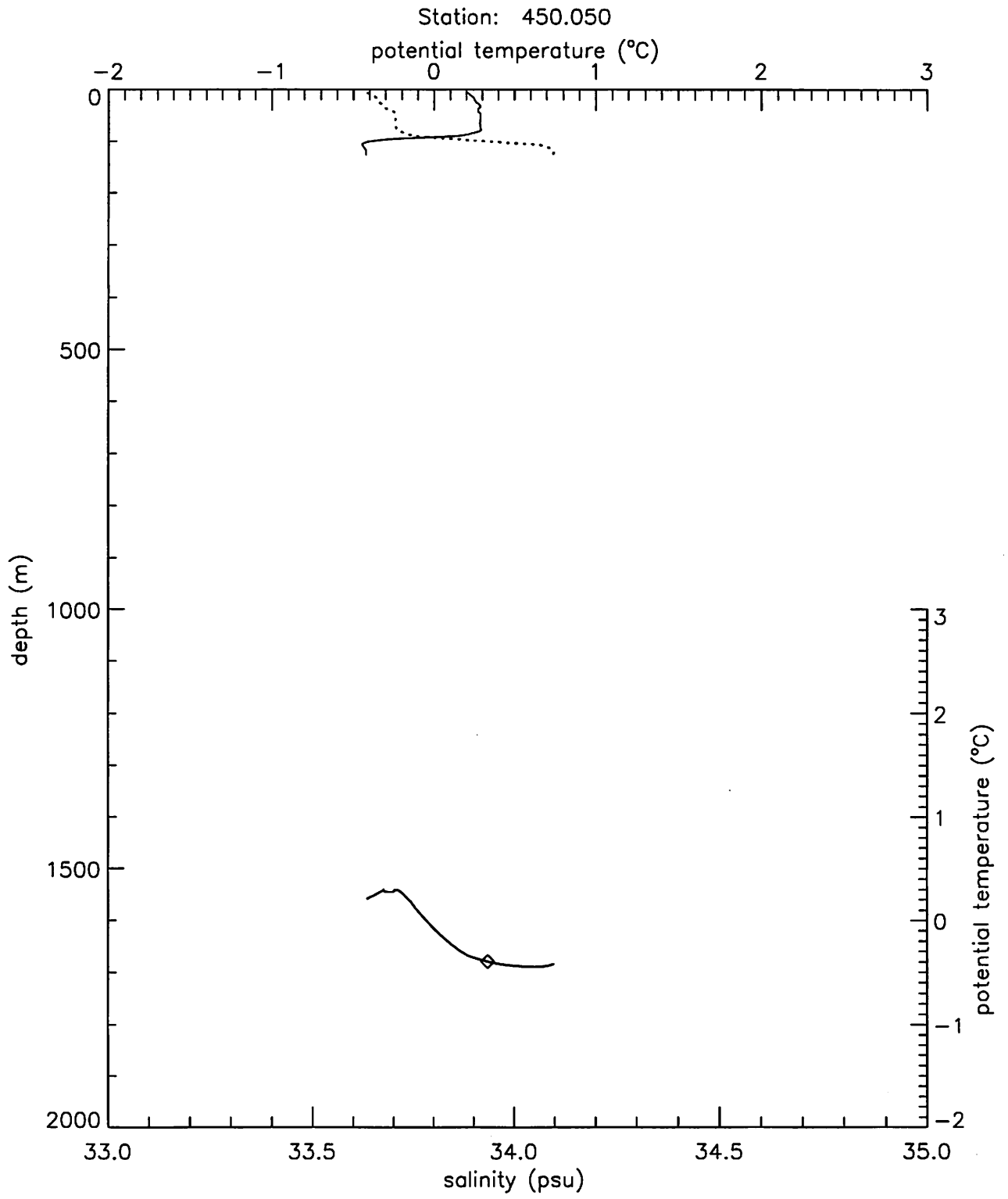
LTER 93b	Station:	450.060 (373)	JulianDay:	106	GMT:	1845
	Latitude:	65° 48.290' S	Longitude:	66° 53.330' W	Depth:	286 m
	Barometer:	1006.9 mb	RelHumidity:	101.6%	AirTemp:	0.1°C
	RH Temp:	1.5°C	WindSpeed:	8.0 m s ⁻¹	WindDir:	26°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
6	0.175	33.642	0.175	27.001	31.716	0.002	-8.60e-04
10	0.175	33.640	0.175	26.999	31.714	0.005	-1.70e-06
20	0.181	33.648	0.180	27.005	31.720	0.016	3.20e-05
30	0.170	33.679	0.169	27.031	31.746	0.026	7.70e-06
40	0.211	33.690	0.210	27.038	31.751	0.036	3.30e-06
50	0.231	33.697	0.230	27.042	31.755	0.046	5.50e-06
60	0.250	33.711	0.248	27.053	31.765	0.056	1.80e-05
70	0.265	33.734	0.262	27.071	31.782	0.066	3.60e-05
80	0.288	33.769	0.285	27.098	31.808	0.076	1.40e-05
90	0.078	33.863	0.075	27.184	31.900	0.086	2.20e-04
100	-0.026	34.011	-0.029	27.309	32.027	0.094	5.50e-05
110	0.006	34.069	0.002	27.354	32.071	0.101	3.10e-05
120	-0.190	34.102	-0.195	27.391	32.113	0.108	5.40e-05
130	-0.756	34.121	-0.760	27.431	32.170	0.115	4.50e-05
140	-0.624	34.187	-0.629	27.479	32.214	0.121	3.50e-05
150	-0.474	34.224	-0.479	27.503	32.233	0.127	1.50e-05
160	-0.337	34.252	-0.343	27.519	32.244	0.132	1.40e-05
180	0.161	34.357	0.154	27.579	32.288	0.143	2.70e-05
200	0.407	34.413	0.399	27.610	32.312	0.153	3.30e-05
220	0.746	34.505	0.736	27.664	32.355	0.162	1.10e-05
240	0.870	34.539	0.859	27.683	32.371	0.170	1.30e-05
260	0.994	34.573	0.982	27.703	32.387	0.178	9.50e-06
280	1.069	34.594	1.056	27.715	32.396	0.186	1.80e-06
300	1.085	34.598	1.071	27.717	32.398	0.193	3.00e-06
320	1.114	34.606	1.099	27.721	32.402	0.201	4.40e-06
330	1.136	34.612	1.120	27.725	32.405	0.204	1.50e-06



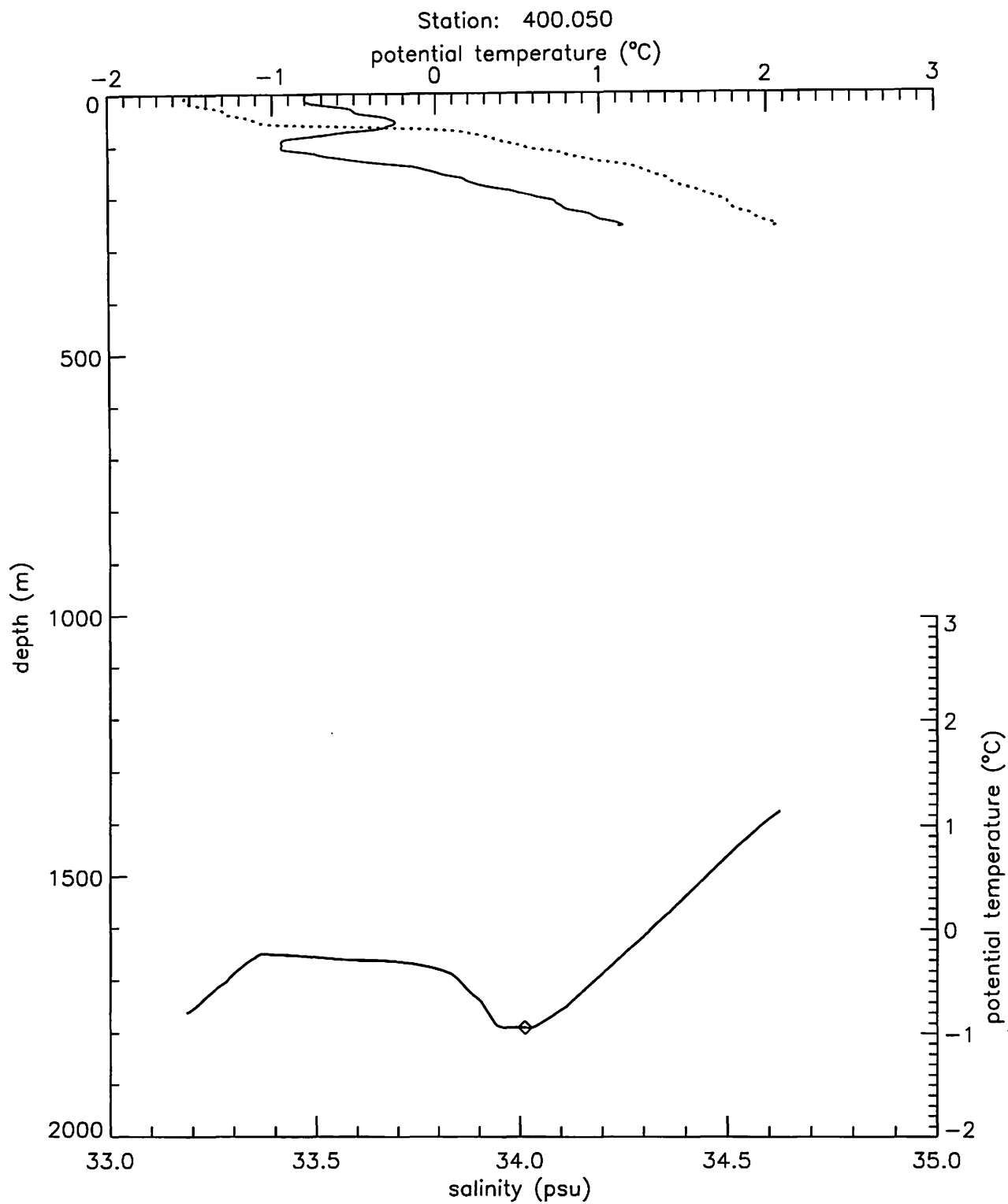
LTER 93b	Station:	450.050 (378)	JulianDay:	106	GMT:	2040
	Latitude:	65° 52.000' S	Longitude:	66° 43.730' W	Depth:	151 m
	Barometer:	1006.0 mb	RelHumidity:	101.7%	AirTemp:	0.3°C
	RH Temp:	1.8°C	WindSpeed:	9.7 m s ⁻¹	WindDir:	8°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
6	0.207	33.634	0.207	26.993	31.707	0.003	-1.20e-03
10	0.226	33.644	0.226	27.000	31.714	0.006	-1.50e-04
20	0.255	33.659	0.254	27.010	31.723	0.015	6.20e-06
30	0.285	33.672	0.284	27.020	31.731	0.025	8.20e-06
40	0.273	33.694	0.272	27.038	31.749	0.035	2.50e-05
50	0.291	33.703	0.289	27.044	31.755	0.044	7.90e-07
60	0.290	33.704	0.288	27.045	31.756	0.054	4.40e-07
70	0.292	33.705	0.289	27.046	31.757	0.064	5.90e-07
80	0.287	33.714	0.284	27.053	31.764	0.074	2.20e-05
90	0.117	33.755	0.113	27.096	31.811	0.084	7.30e-05
100	-0.392	33.935	-0.395	27.266	31.995	0.093	1.50e-04
110	-0.435	34.079	-0.439	27.383	32.113	0.099	3.70e-05
120	-0.417	34.097	-0.421	27.397	32.126	0.104	3.40e-06
123	-0.417	34.097	-0.420	27.397	32.126	0.105	-2.10e-06



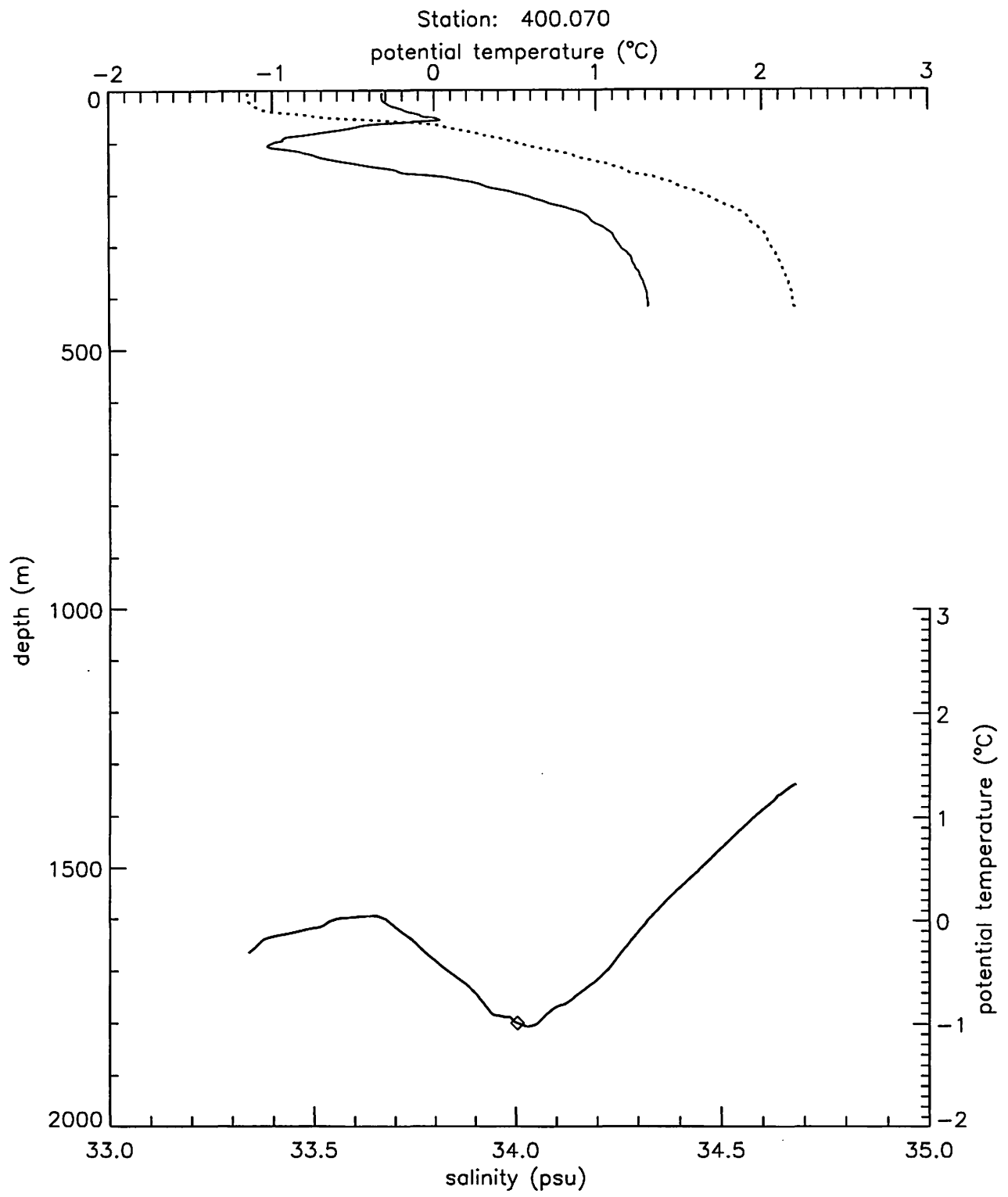
LTER 93b	Station:	400.050 (393)	JulianDay:	107	GMT:	1013
	Latitude:	66° 11.460' S	Longitude:	67° 29.500' W	Depth:	283 m
	Barometer:	1008.2 mb	RelHumidity:	77.4%	AirTemp:	-0.3°C
	RH Temp:	1.0°C	WindSpeed:	10.5 m s ⁻¹	WindDir:	353°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-0.803	33.187	-0.803	26.677	31.426	0.003	-4.80e-06
10	-0.802	33.188	-0.802	26.677	31.426	0.008	4.60e-06
20	-0.728	33.213	-0.729	26.695	31.441	0.022	3.40e-05
30	-0.519	33.278	-0.519	26.740	31.479	0.035	1.60e-05
40	-0.434	33.299	-0.435	26.753	31.489	0.048	3.90e-05
50	-0.266	33.356	-0.267	26.792	31.523	0.061	2.10e-05
60	-0.271	33.481	-0.272	26.892	31.622	0.073	3.10e-04
70	-0.430	33.831	-0.432	27.183	31.915	0.083	1.70e-04
80	-0.733	33.911	-0.735	27.261	32.001	0.092	6.10e-05
90	-0.941	33.960	-0.944	27.308	32.054	0.099	2.90e-05
100	-0.942	34.012	-0.944	27.350	32.096	0.107	3.20e-05
110	-0.824	34.081	-0.827	27.401	32.143	0.114	6.90e-05
120	-0.661	34.134	-0.665	27.438	32.174	0.120	3.50e-05
130	-0.435	34.198	-0.439	27.480	32.209	0.126	4.20e-05
140	-0.134	34.281	-0.139	27.532	32.251	0.132	2.60e-05
150	-0.003	34.315	-0.008	27.554	32.268	0.138	1.70e-05
160	0.143	34.353	0.137	27.577	32.287	0.143	2.80e-05
180	0.355	34.408	0.348	27.609	32.312	0.153	2.50e-05
200	0.634	34.478	0.626	27.649	32.344	0.162	1.90e-05
220	0.788	34.518	0.778	27.672	32.362	0.170	4.50e-06
240	0.994	34.575	0.982	27.705	32.388	0.178	1.00e-05
252	1.132	34.619	1.120	27.730	32.410	0.182	3.10e-06



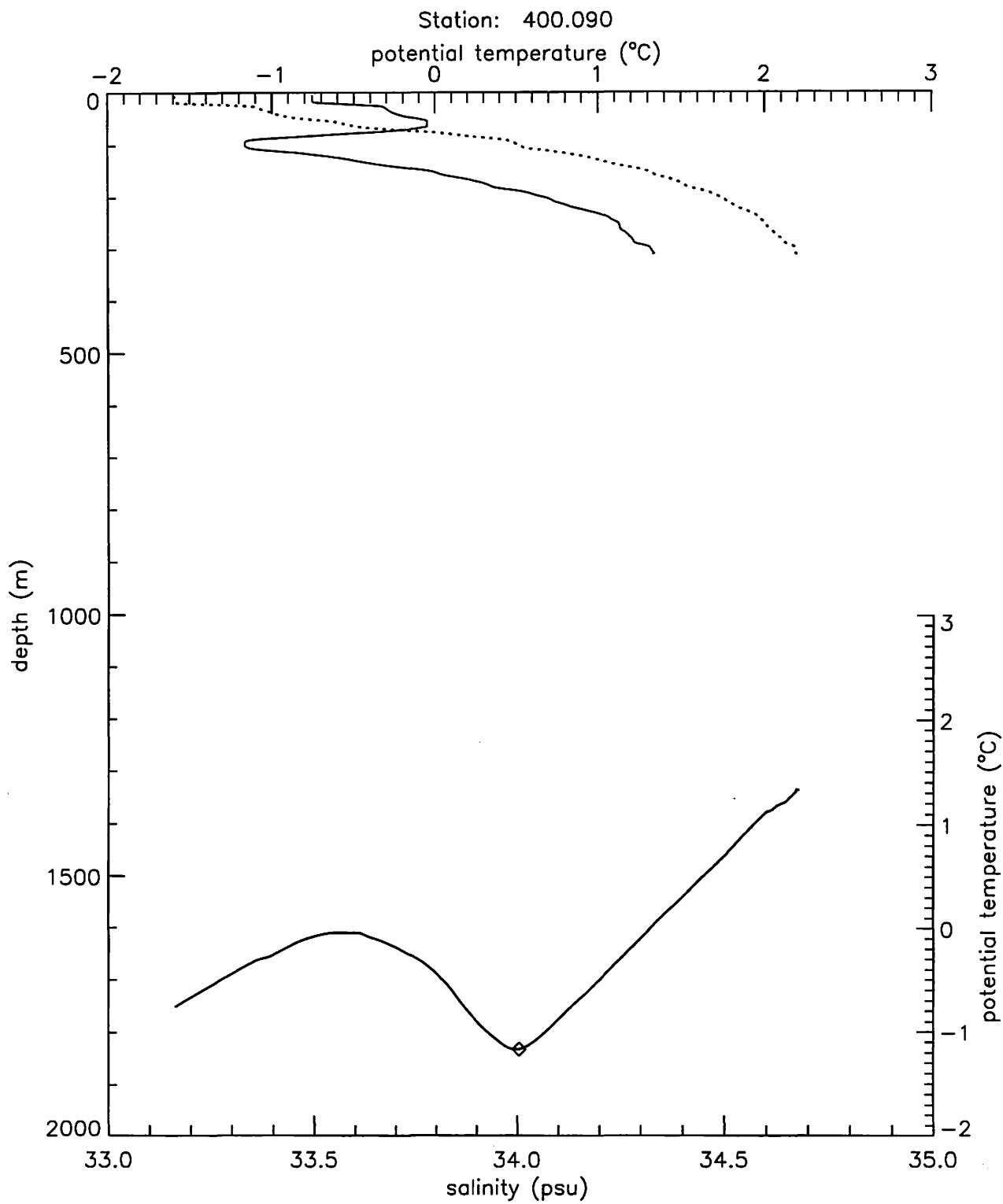
LTER 93b	Station:	400.070 (401)	JulianDay:	107	GMT:	1616
	Latitude:	66° 3.930' S	Longitude:	67° 48.640' W	Depth:	440 m
	Barometer:	1008.7 mb	RelHumidity:	72.7%	AirTemp:	0.2°C
	RH Temp:	1.4°C	WindSpeed:	11.8 m s ⁻¹	WindDir:	354°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-0.324	33.340	-0.324	26.781	31.514	0.004	-3.00e-06
10	-0.324	33.340	-0.324	26.781	31.514	0.009	3.20e-08
20	-0.318	33.342	-0.318	26.783	31.515	0.022	3.60e-06
30	-0.267	33.357	-0.268	26.792	31.523	0.034	1.10e-05
40	-0.176	33.391	-0.177	26.816	31.543	0.047	4.10e-05
50	-0.076	33.511	-0.078	26.908	31.631	0.058	5.90e-05
60	-0.125	33.716	-0.127	27.076	31.799	0.069	1.90e-04
70	-0.482	33.827	-0.484	27.182	31.915	0.078	3.70e-05
80	-0.683	33.894	-0.686	27.245	31.984	0.087	5.80e-05
90	-0.917	33.952	-0.920	27.301	32.046	0.095	5.80e-05
100	-0.991	34.004	-0.993	27.346	32.093	0.102	4.20e-05
110	-0.989	34.055	-0.992	27.387	32.134	0.109	3.80e-05
120	-0.793	34.126	-0.796	27.437	32.177	0.116	4.70e-05
130	-0.678	34.164	-0.682	27.463	32.200	0.122	3.10e-05
140	-0.497	34.220	-0.501	27.501	32.231	0.128	3.30e-05
150	-0.290	34.262	-0.295	27.525	32.249	0.134	2.50e-05
160	-0.153	34.290	-0.158	27.541	32.260	0.139	2.30e-05
180	0.290	34.390	0.283	27.598	32.304	0.149	1.70e-05
200	0.545	34.457	0.537	27.638	32.335	0.159	1.80e-05
220	0.751	34.509	0.741	27.667	32.358	0.167	1.60e-05
240	0.947	34.561	0.936	27.696	32.381	0.176	8.10e-06
260	1.030	34.583	1.018	27.708	32.391	0.184	9.90e-06
280	1.115	34.608	1.102	27.723	32.403	0.191	2.60e-06
300	1.157	34.621	1.143	27.730	32.409	0.199	3.90e-06
320	1.221	34.635	1.206	27.737	32.415	0.206	3.00e-06
340	1.251	34.647	1.234	27.745	32.421	0.213	2.60e-06
360	1.285	34.658	1.267	27.751	32.426	0.220	1.60e-06
380	1.314	34.667	1.295	27.756	32.431	0.227	2.60e-06
400	1.328	34.673	1.308	27.760	32.434	0.234	7.60e-07
415	1.336	34.676	1.315	27.762	32.436	0.239	3.80e-07



Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-0.754	33.163	-0.754	26.656	31.403	0.003	-9.50e-07
10	-0.754	33.163	-0.755	26.656	31.403	0.008	-2.00e-07
20	-0.682	33.193	-0.683	26.677	31.422	0.022	1.70e-04
30	-0.305	33.367	-0.305	26.802	31.534	0.035	3.50e-05
40	-0.248	33.405	-0.250	26.831	31.560	0.047	3.10e-05
50	-0.107	33.479	-0.109	26.884	31.609	0.059	1.00e-04
60	-0.047	33.578	-0.049	26.961	31.683	0.071	4.90e-05
70	-0.160	33.685	-0.162	27.052	31.777	0.081	1.80e-04
80	-0.647	33.848	-0.649	27.206	31.944	0.090	1.00e-04
90	-1.132	33.972	-1.134	27.325	32.077	0.099	4.90e-05
100	-1.158	34.005	-1.161	27.352	32.105	0.106	1.10e-05
110	-1.005	34.066	-1.008	27.397	32.144	0.113	6.00e-05
120	-0.689	34.150	-0.692	27.452	32.188	0.119	4.30e-05
130	-0.485	34.204	-0.489	27.487	32.217	0.125	2.50e-05
140	-0.277	34.255	-0.282	27.519	32.242	0.131	3.40e-05
150	-0.025	34.317	-0.031	27.556	32.272	0.136	2.00e-05
160	0.097	34.346	0.091	27.573	32.284	0.142	2.70e-05
180	0.358	34.412	0.351	27.612	32.316	0.151	1.60e-05
200	0.678	34.492	0.670	27.658	32.351	0.160	1.60e-05
220	0.854	34.533	0.844	27.679	32.367	0.169	1.40e-05
240	1.075	34.586	1.064	27.707	32.389	0.177	5.60e-06
260	1.142	34.607	1.130	27.720	32.400	0.184	9.50e-06
280	1.214	34.637	1.201	27.739	32.416	0.192	1.20e-05
300	1.329	34.671	1.314	27.759	32.432	0.199	6.80e-07
307	1.344	34.673	1.329	27.759	32.432	0.201	1.00e-06

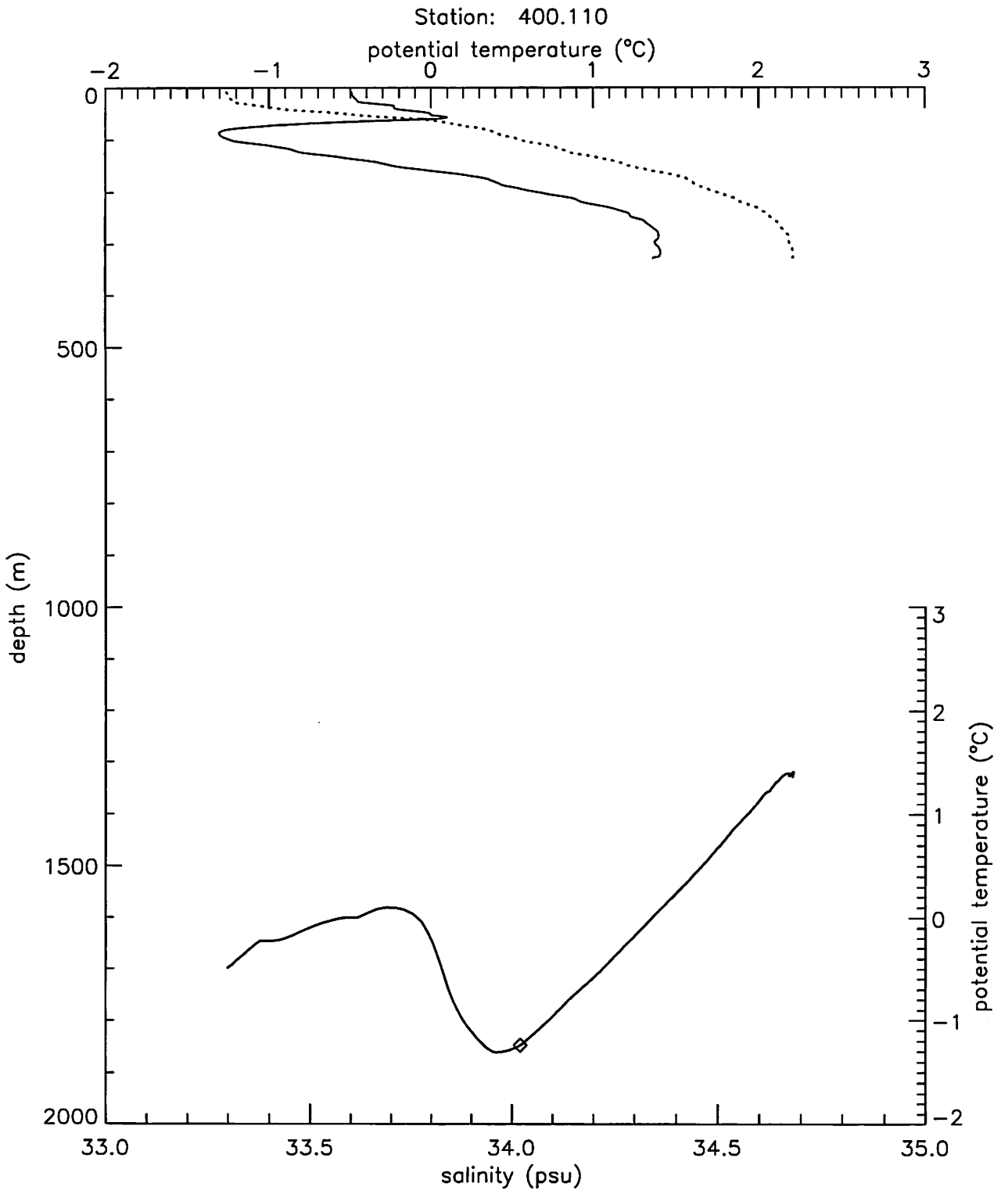
LTER 93b	Station: 400.090 (409)	JulianDay: 107	GMT: 2144
	Latitude: 65° 56.440' S	Longitude: 68° 7.490' W	Depth: 331 m
	Barometer: 1008.3 mb	RelHumidity: 87.6%	AirTemp: -0.4°C
	RH Temp: 0.7°C	WindSpeed: 7.4 m s ⁻¹	WindDir: 353°



LTER 93b	Station:	400.110 (415)	JulianDay:	108	GMT:	0216
	Latitude:	65° 48.840' S	Longitude:	68° 26.280' W	Depth:	350 m
	Barometer:	1006.9 mb	RelHumidity:	80.4%	AirTemp:	-1.0°C
	RH Temp:	0.2°C	WindSpeed:	8.8 m s ⁻¹	WindDir:	10°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	-0.492	33.296	-0.492	26.753	31.491	0.003	-6.60e-05
10	-0.491	33.297	-0.492	26.754	31.492	0.005	-4.20e-05
20	-0.472	33.305	-0.473	26.759	31.497	0.018	7.80e-06
30	-0.387	33.329	-0.388	26.775	31.510	0.031	4.20e-05
40	-0.227	33.418	-0.228	26.840	31.569	0.043	7.40e-05
50	-0.003	33.580	-0.005	26.960	31.681	0.055	1.10e-04
60	0.036	33.754	0.034	27.099	31.817	0.065	1.90e-04
70	-0.822	33.855	-0.824	27.219	31.962	0.074	8.50e-05
80	-1.245	33.934	-1.247	27.298	32.054	0.082	5.70e-05
90	-1.298	33.971	-1.300	27.330	32.087	0.090	2.60e-05
100	-1.234	34.021	-1.236	27.368	32.123	0.097	2.50e-05
110	-1.016	34.085	-1.019	27.412	32.160	0.104	4.00e-05
120	-0.843	34.129	-0.847	27.441	32.183	0.110	1.60e-05
130	-0.639	34.184	-0.643	27.477	32.212	0.116	4.80e-05
140	-0.395	34.246	-0.400	27.517	32.244	0.122	3.40e-05
150	-0.229	34.286	-0.234	27.542	32.263	0.128	2.10e-05
160	0.019	34.345	0.013	27.577	32.291	0.133	3.50e-05
180	0.398	34.436	0.391	27.629	32.331	0.142	1.00e-05
200	0.657	34.494	0.648	27.660	32.354	0.151	1.70e-05
220	0.946	34.557	0.936	27.693	32.378	0.160	1.00e-05
240	1.218	34.615	1.207	27.722	32.399	0.167	1.20e-05
260	1.335	34.645	1.322	27.737	32.411	0.175	5.30e-06
280	1.409	34.667	1.395	27.750	32.421	0.182	8.00e-06
300	1.390	34.674	1.375	27.756	32.428	0.189	2.80e-06
320	1.423	34.682	1.407	27.760	32.432	0.196	2.00e-06
325	1.417	34.682	1.401	27.761	32.432	0.197	4.50e-07

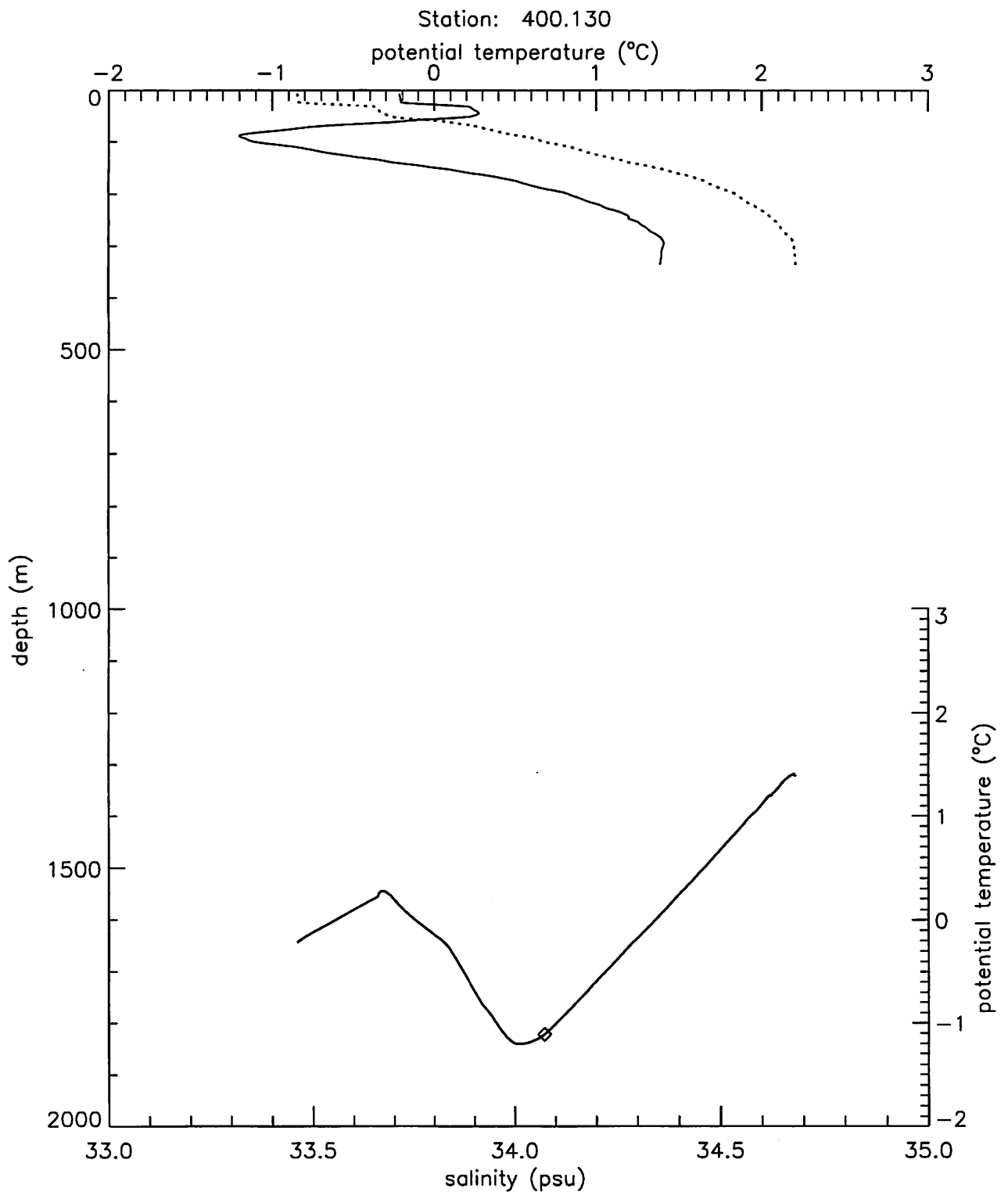
CTD salinity 33.303, Autosal salinity 33.304 at 4 m



LTER 93b	Station:	400.130 (421)	JulianDay:	108	GMT:	0711
	Latitude:	65° 41.220' S	Longitude:	68° 44.450' W	Depth:	360 m
	Barometer:	1002.8 mb	RelHumidity:	81.3%	AirTemp:	-0.6°C
	RH Temp:	0.2°C	WindSpeed:	9.2 m s ⁻¹	WindDir:	351°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	-0.217	33.461	-0.217	26.874	31.603	0.027	-2.30e-04
10	-0.215	33.462	-0.216	26.875	31.603	0.028	-1.30e-04
20	-0.210	33.463	-0.211	26.875	31.603	0.040	1.40e-07
30	0.137	33.618	0.136	26.983	31.700	0.052	1.80e-04
40	0.262	33.663	0.261	27.013	31.725	0.062	6.10e-06
50	0.243	33.689	0.241	27.035	31.748	0.072	3.40e-05
60	-0.191	33.817	-0.193	27.160	31.885	0.082	1.30e-04
70	-0.708	33.903	-0.710	27.253	31.992	0.091	7.50e-05
80	-1.011	33.957	-1.014	27.308	32.057	0.099	5.60e-05
90	-1.196	34.023	-1.198	27.369	32.122	0.106	5.60e-05
100	-1.106	34.073	-1.109	27.406	32.156	0.113	2.70e-05
110	-0.853	34.138	-0.856	27.449	32.191	0.119	3.80e-05
120	-0.688	34.178	-0.691	27.475	32.211	0.125	2.20e-05
130	-0.468	34.230	-0.472	27.507	32.236	0.131	3.00e-05
140	-0.247	34.281	-0.252	27.538	32.261	0.137	2.70e-05
150	0.011	34.345	0.005	27.577	32.291	0.142	3.10e-05
160	0.222	34.394	0.216	27.605	32.312	0.147	2.30e-05
180	0.559	34.473	0.552	27.649	32.346	0.156	1.10e-05
200	0.836	34.536	0.827	27.683	32.371	0.164	1.20e-05
220	1.021	34.576	1.011	27.703	32.386	0.172	1.30e-05
240	1.194	34.614	1.183	27.722	32.400	0.180	7.00e-06
260	1.292	34.641	1.279	27.737	32.412	0.187	3.80e-06
280	1.389	34.663	1.375	27.748	32.420	0.195	8.20e-06
300	1.422	34.678	1.407	27.758	32.429	0.201	1.70e-06
320	1.413	34.680	1.397	27.760	32.431	0.208	1.80e-06
332	1.408	34.681	1.391	27.761	32.432	0.212	4.20e-07

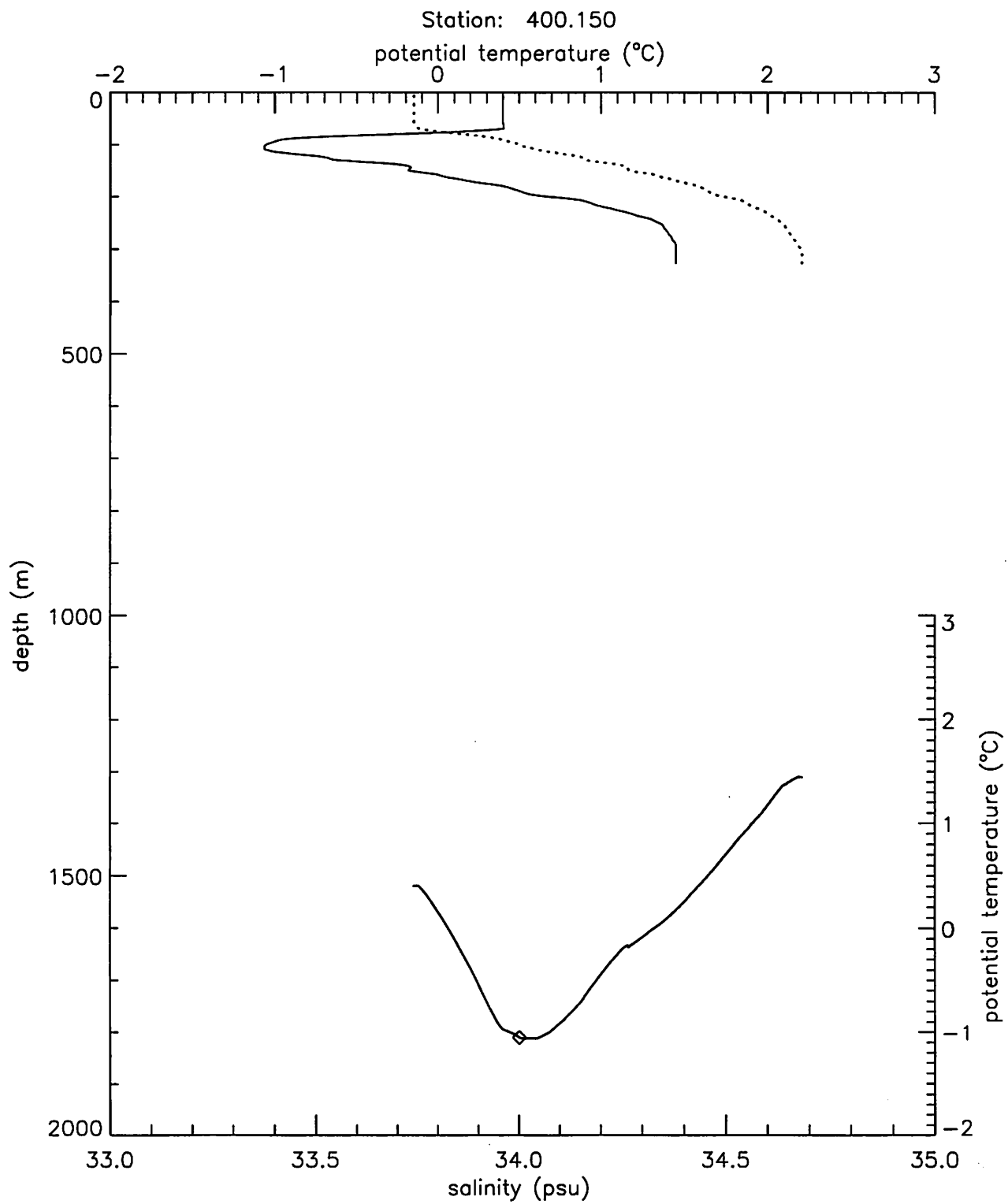
CTD salinity 34.683, Autosal salinity 34.678 at 336 m



LTER 93b	Station:	400.150 (427)	JulianDay:	108	GMT:	1144
	Latitude:	65° 33.450' S	Longitude:	69° 2.880' W	Depth:	355 m
	Barometer:	998.2 mb	RelHumidity:	95.1%	AirTemp:	-0.8°C
	RH Temp:	-0.1°C	WindSpeed:	11.7 m s ⁻¹	WindDir:	8°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	0.403	33.740	0.402	27.068	31.775	0.002	-6.60e-08
10	0.402	33.740	0.402	27.068	31.775	0.005	-8.20e-08
20	0.401	33.740	0.400	27.068	31.775	0.015	-3.80e-07
30	0.401	33.740	0.400	27.068	31.775	0.025	2.60e-08
40	0.401	33.740	0.399	27.068	31.775	0.035	2.20e-07
50	0.402	33.740	0.400	27.068	31.775	0.045	-2.30e-07
60	0.404	33.740	0.402	27.068	31.775	0.055	4.60e-06
70	0.366	33.762	0.363	27.088	31.796	0.065	1.00e-04
80	-0.301	33.869	-0.304	27.208	31.935	0.074	1.60e-04
90	-0.956	33.957	-0.959	27.306	32.053	0.082	2.60e-05
100	-1.050	34.001	-1.052	27.345	32.094	0.089	2.10e-05
110	-1.051	34.049	-1.053	27.385	32.133	0.096	3.80e-05
120	-0.817	34.125	-0.821	27.437	32.178	0.103	4.60e-05
130	-0.618	34.167	-0.621	27.463	32.197	0.109	3.70e-05
140	-0.199	34.251	-0.204	27.512	32.233	0.115	2.90e-05
150	-0.177	34.268	-0.182	27.524	32.244	0.121	3.40e-05
160	0.024	34.335	0.019	27.568	32.282	0.126	2.80e-05
180	0.409	34.434	0.401	27.627	32.329	0.136	1.80e-05
200	0.683	34.493	0.674	27.658	32.351	0.144	3.30e-05
220	1.031	34.568	1.021	27.696	32.379	0.153	1.50e-05
240	1.281	34.617	1.270	27.719	32.394	0.160	9.10e-06
260	1.393	34.644	1.380	27.732	32.404	0.168	4.00e-06
280	1.440	34.661	1.426	27.743	32.414	0.175	6.30e-06
300	1.464	34.679	1.448	27.756	32.426	0.182	5.10e-06
320	1.465	34.682	1.449	27.757	32.427	0.189	-1.50e-08
324	1.465	34.682	1.449	27.757	32.427	0.190	-3.90e-07

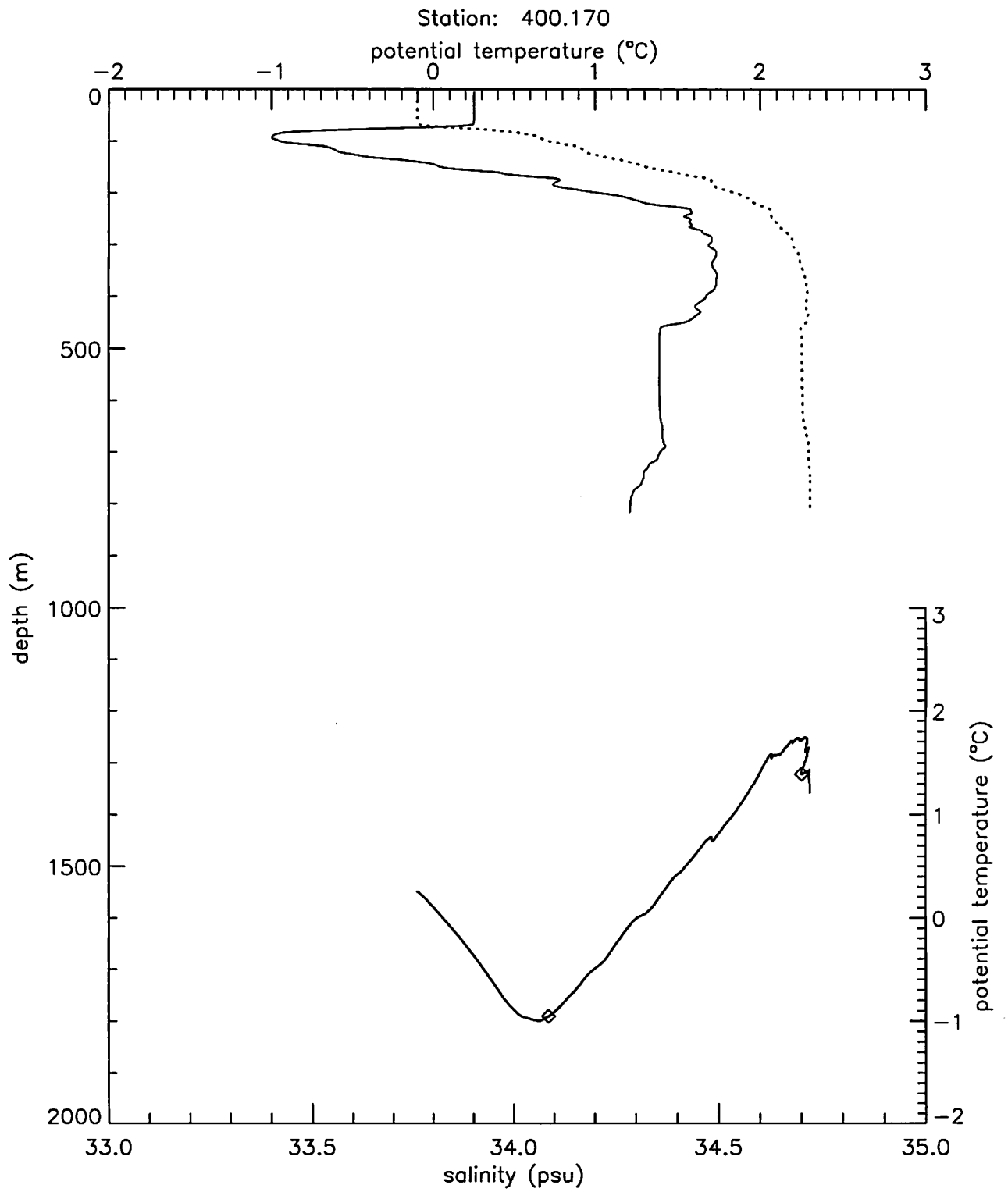
CTD salinity 33.740, Autosal salinity 33.742 at 4 m



LTER 93b	Station:	400.170 (433)	JulianDay:	108	GMT:	1548
	Latitude:	65° 25.830' S	Longitude:	69° 20.990' W	Depth:	820 m
	Barometer:	995.2 mb	RelHumidity:	98.5%	AirTemp:	0.2°C
	RH Temp:	0.7°C	WindSpeed:	7.8 m s ⁻¹	WindDir:	356°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	0.254	33.760	0.254	27.092	31.803	0.002	3.00e-07
10	0.252	33.760	0.251	27.092	31.804	0.006	3.20e-07
20	0.252	33.760	0.251	27.092	31.804	0.016	-2.40e-07
30	0.252	33.759	0.251	27.092	31.803	0.025	-1.20e-07
40	0.252	33.759	0.251	27.092	31.803	0.035	2.00e-07
50	0.253	33.760	0.252	27.092	31.803	0.045	-2.10e-08
60	0.254	33.760	0.252	27.092	31.804	0.054	1.00e-06
70	0.204	33.776	0.201	27.107	31.820	0.064	6.40e-05
80	-0.701	33.962	-0.703	27.300	32.039	0.073	1.70e-04
90	-0.989	34.053	-0.991	27.385	32.132	0.080	3.10e-05
100	-0.951	34.086	-0.954	27.411	32.156	0.087	2.40e-05
110	-0.680	34.156	-0.684	27.457	32.193	0.093	3.70e-05
120	-0.588	34.175	-0.591	27.468	32.202	0.099	9.90e-06
130	-0.413	34.224	-0.417	27.500	32.228	0.105	2.90e-05
140	-0.079	34.283	-0.084	27.531	32.248	0.111	2.20e-05
150	0.059	34.326	0.053	27.559	32.272	0.116	2.90e-05
160	0.406	34.395	0.399	27.596	32.298	0.121	3.60e-05
180	0.763	34.484	0.755	27.646	32.337	0.130	1.30e-05
200	1.036	34.541	1.026	27.674	32.357	0.139	1.70e-05
220	1.317	34.587	1.307	27.691	32.366	0.147	6.90e-06
240	1.596	34.628	1.584	27.705	32.371	0.155	6.20e-06
260	1.595	34.644	1.582	27.717	32.384	0.163	8.00e-06
280	1.685	34.669	1.671	27.731	32.394	0.170	3.00e-06
300	1.705	34.679	1.690	27.737	32.400	0.178	2.50e-06
320	1.751	34.693	1.734	27.745	32.407	0.185	3.50e-06
340	1.729	34.699	1.711	27.752	32.414	0.192	2.20e-06
360	1.762	34.708	1.743	27.756	32.418	0.199	3.40e-06
380	1.753	34.713	1.733	27.761	32.423	0.206	3.10e-06
400	1.696	34.712	1.675	27.765	32.429	0.213	7.10e-07
420	1.631	34.711	1.608	27.768	32.434	0.220	2.50e-06
440	1.626	34.715	1.602	27.772	32.438	0.227	1.50e-06
460	1.425	34.699	1.401	27.774	32.446	0.233	-1.00e-06
480	1.419	34.701	1.394	27.776	32.448	0.240	-2.70e-09
500	1.419	34.701	1.393	27.776	32.448	0.247	1.10e-07
550	1.420	34.702	1.391	27.777	32.449	0.263	1.90e-07
600	1.426	34.703	1.394	27.777	32.450	0.280	2.70e-07
650	1.443	34.709	1.408	27.781	32.453	0.297	1.40e-06
700	1.436	34.718	1.399	27.788	32.461	0.313	5.30e-07
750	1.337	34.721	1.297	27.798	32.474	0.329	8.00e-08
800	1.259	34.721	1.216	27.804	32.482	0.345	-1.20e-07
814	1.258	34.721	1.215	27.804	32.482	0.349	-2.10e-07

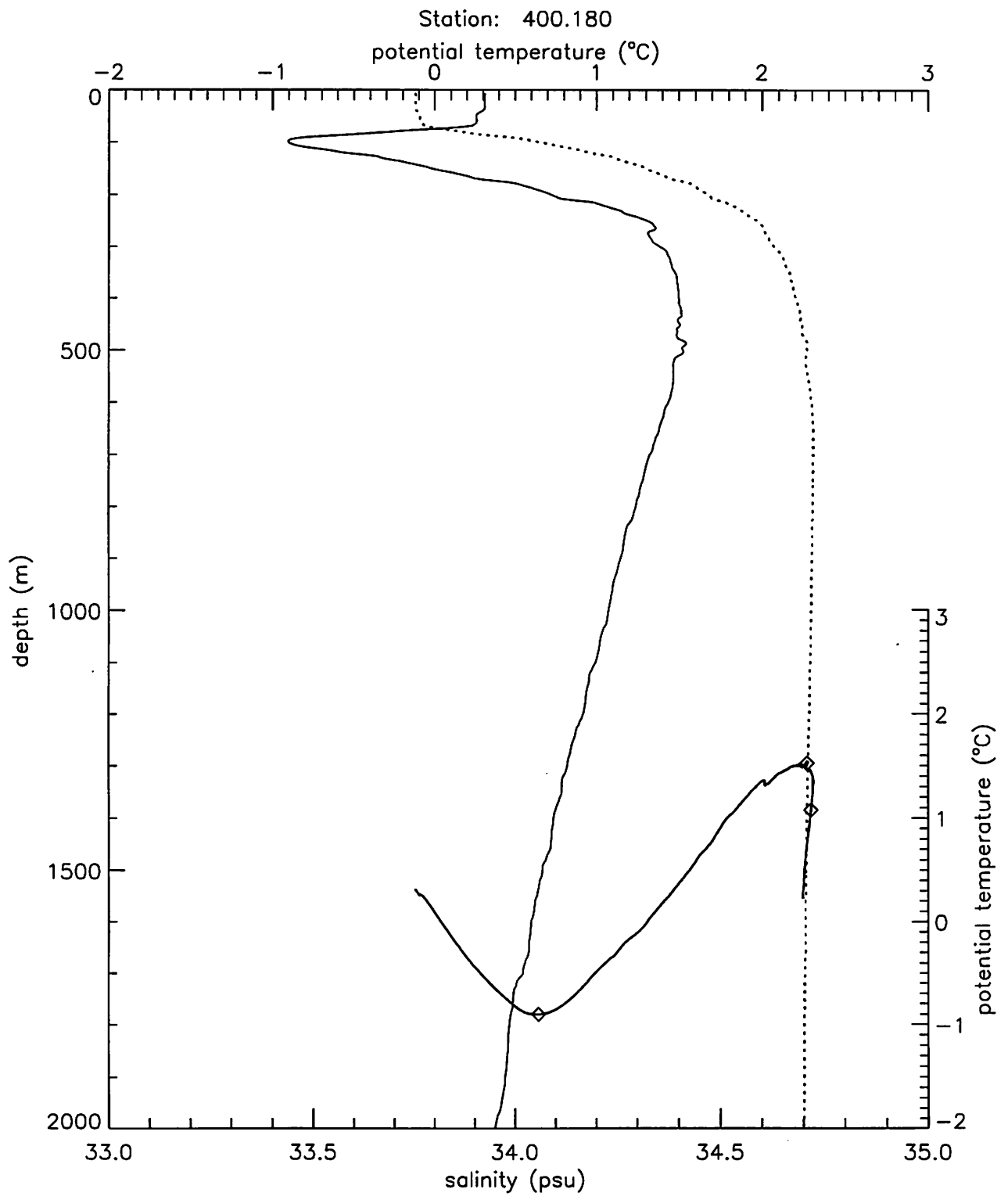
CTD salinity 33.997, Autosal salinity 33.994 at 90 m



LTER 93b	Station:	400.180 (435)	JulianDay:	108	GMT:	1852
	Latitude:	65° 21.830' S	Longitude:	69° 30.030' W	Depth:	-999 m
	Barometer:	993.5 mb	RelHumidity:	94.1%	AirTemp:	0.7°C
	RH Temp:	1.3°C	WindSpeed:	12.2 m s ⁻¹	WindDir:	1°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	0.313	33.752	0.313	27.083	31.793	0.006	-1.80e-04
10	0.313	33.752	0.312	27.083	31.793	0.008	-1.00e-04
20	0.311	33.752	0.311	27.083	31.793	0.015	-1.50e-07
30	0.312	33.752	0.311	27.083	31.792	0.024	-4.50e-07
40	0.303	33.754	0.301	27.084	31.795	0.034	6.20e-06
50	0.261	33.762	0.259	27.093	31.805	0.044	1.40e-06
60	0.264	33.765	0.262	27.095	31.807	0.054	2.90e-06
70	0.213	33.778	0.211	27.109	31.822	0.063	3.40e-05
80	-0.240	33.860	-0.242	27.197	31.923	0.072	8.80e-05
90	-0.727	33.972	-0.730	27.309	32.049	0.081	1.40e-04
100	-0.901	34.058	-0.904	27.386	32.130	0.088	4.70e-05
110	-0.800	34.122	-0.803	27.434	32.174	0.094	4.00e-05
120	-0.577	34.180	-0.580	27.471	32.204	0.101	2.20e-05
130	-0.329	34.243	-0.333	27.512	32.237	0.106	2.40e-05
140	-0.162	34.281	-0.167	27.534	32.254	0.111	2.90e-05
150	-0.020	34.320	-0.026	27.558	32.273	0.117	1.20e-05
160	0.139	34.351	0.133	27.575	32.285	0.122	1.60e-05
180	0.529	34.430	0.522	27.617	32.315	0.132	1.40e-05
200	0.731	34.469	0.722	27.636	32.328	0.141	8.70e-06
220	1.044	34.526	1.034	27.662	32.344	0.150	1.50e-05
240	1.231	34.568	1.220	27.682	32.359	0.158	1.00e-05
260	1.363	34.601	1.350	27.699	32.373	0.166	5.00e-06
280	1.336	34.613	1.322	27.711	32.385	0.174	4.50e-06
300	1.398	34.629	1.383	27.720	32.392	0.182	6.00e-06
320	1.457	34.649	1.440	27.732	32.402	0.189	5.10e-06
340	1.475	34.658	1.458	27.737	32.408	0.197	2.00e-06
360	1.506	34.670	1.488	27.745	32.414	0.204	1.20e-06
380	1.515	34.675	1.495	27.748	32.417	0.211	1.80e-06
400	1.520	34.680	1.499	27.752	32.421	0.218	2.40e-06
420	1.533	34.689	1.511	27.758	32.427	0.225	1.70e-06
440	1.520	34.693	1.497	27.762	32.431	0.232	1.40e-06
460	1.513	34.696	1.488	27.765	32.435	0.239	1.60e-08
480	1.529	34.702	1.503	27.769	32.438	0.246	1.60e-06
500	1.551	34.709	1.524	27.773	32.441	0.252	7.70e-07
550	1.497	34.710	1.468	27.778	32.448	0.269	1.60e-06
600	1.469	34.719	1.437	27.787	32.458	0.286	3.10e-06
650	1.416	34.722	1.382	27.793	32.466	0.302	1.00e-06
700	1.364	34.723	1.327	27.798	32.473	0.318	1.80e-06
750	1.323	34.722	1.283	27.800	32.476	0.334	7.00e-07
800	1.284	34.722	1.241	27.802	32.480	0.350	4.60e-07
850	1.224	34.721	1.179	27.806	32.485	0.365	4.40e-07
900	1.197	34.720	1.148	27.807	32.488	0.381	6.60e-07
950	1.153	34.719	1.102	27.809	32.491	0.397	4.70e-07
1000	1.129	34.718	1.075	27.810	32.493	0.412	-1.70e-08
1100	1.055	34.716	0.995	27.814	32.499	0.443	8.50e-07
1200	0.986	34.714	0.920	27.816	32.505	0.473	7.80e-07
1300	0.894	34.711	0.822	27.820	32.511	0.504	-5.60e-09
1400	0.815	34.708	0.738	27.823	32.517	0.533	4.00e-07
1500	0.753	34.706	0.669	27.826	32.522	0.563	2.30e-07
1600	0.688	34.705	0.599	27.828	32.527	0.592	2.30e-07
1700	0.646	34.704	0.550	27.830	32.531	0.621	6.60e-07
1800	0.567	34.702	0.465	27.834	32.537	0.649	3.10e-07
1900	0.547	34.702	0.438	27.834	32.539	0.677	2.80e-07
2000	0.491	34.701	0.375	27.837	32.544	0.705	4.90e-07
2200	0.421	34.699	0.291	27.840	32.550	0.760	1.20e-07
2400	0.381	34.698	0.236	27.842	32.554	0.814	3.30e-07
2600	0.394	34.698	0.232	27.841	32.554	0.868	-1.80e-07
2610	0.395	34.699	0.233	27.841	32.554	0.871	4.40e-07

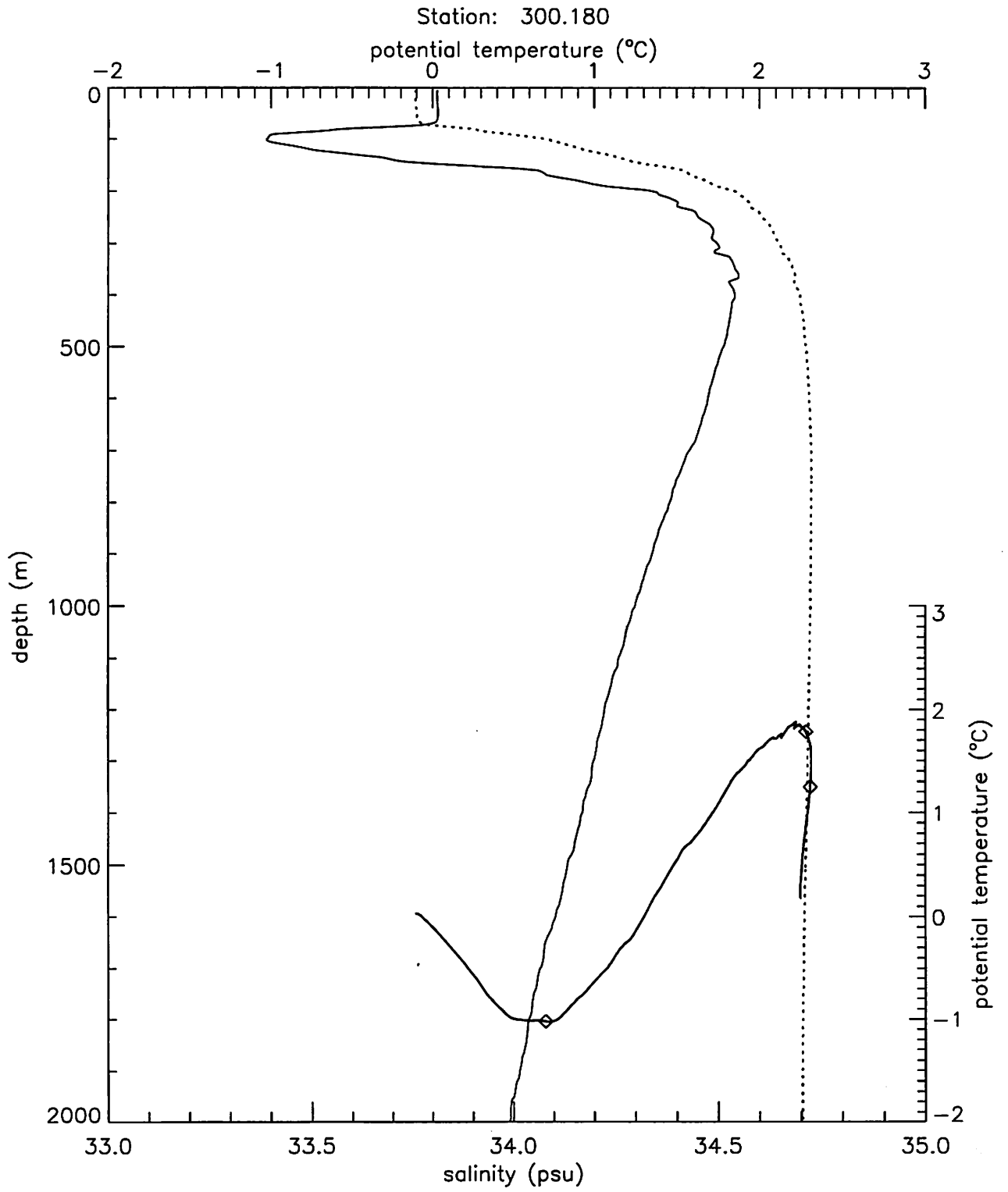
CTD salinity 33.761, Autosal salinity 33.765 at 63 m
CTD salinity 34.724, Autosal salinity 34.726 at 643 m



LTER 93b	Station:	300.180 (444)	JulianDay:	110	GMT:	0726
	Latitude:	65° 58.910' S	Longitude:	71° 4.440' W	Depth:	-999 m
	Barometer:	987.4 mb	RelHumidity:	75.1%	AirTemp:	-1.7°C
	RH Temp:	-1.9°C	WindSpeed:	19.2 m s ⁻¹	WindDir:	21°

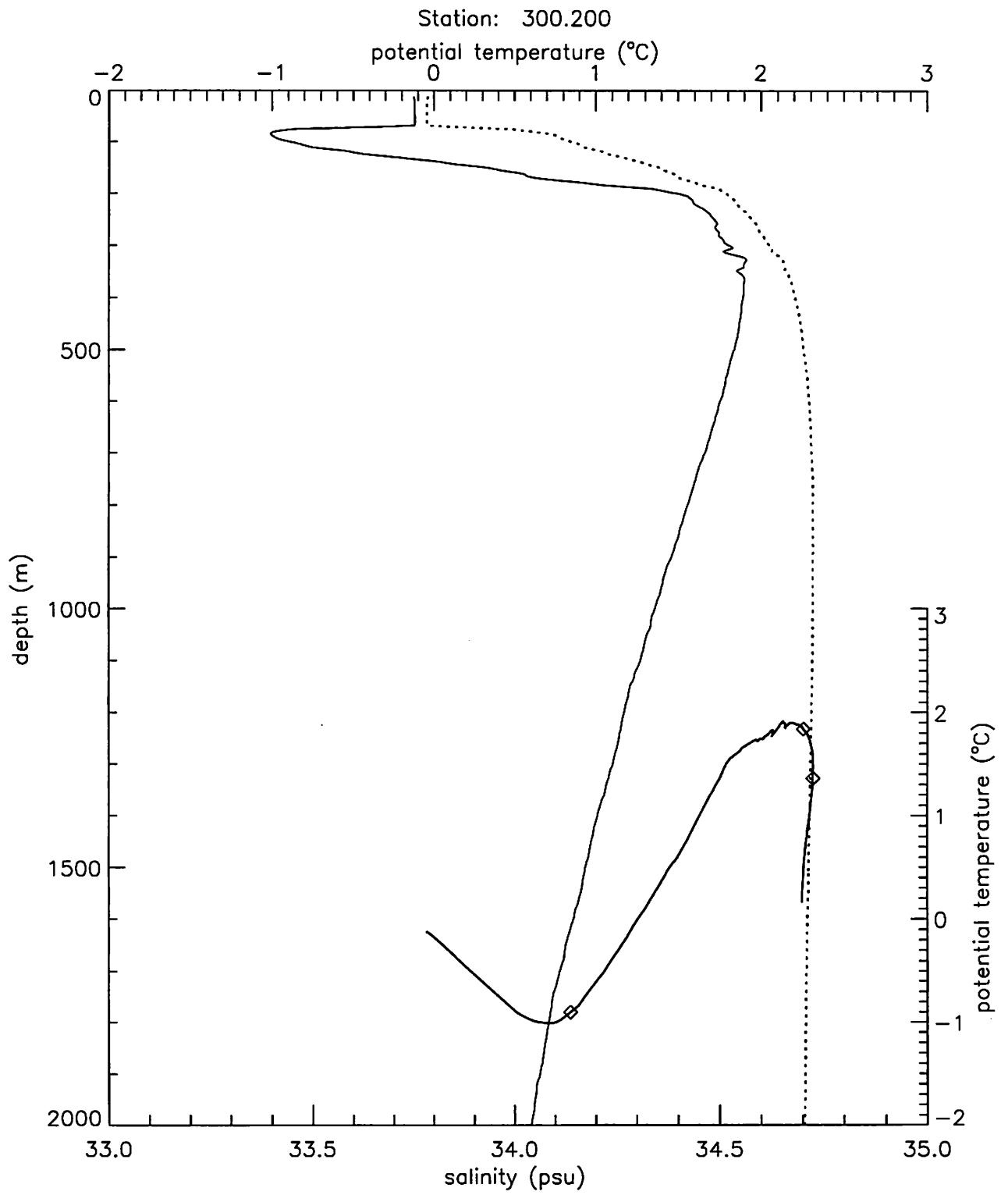
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	0.028	33.757	0.028	27.101	31.819	0.022	-9.20e-04
10	0.028	33.757	0.027	27.101	31.820	0.025	-5.60e-06
20	0.028	33.757	0.028	27.102	31.820	0.035	3.60e-07
30	0.028	33.757	0.027	27.101	31.820	0.044	-2.70e-07
40	0.033	33.758	0.032	27.102	31.820	0.054	3.20e-07
50	0.033	33.759	0.031	27.103	31.821	0.064	9.00e-07
60	0.033	33.761	0.031	27.104	31.823	0.073	2.70e-06
70	-0.009	33.775	-0.011	27.118	31.837	0.083	3.80e-05
80	-0.517	33.892	-0.520	27.236	31.970	0.092	1.50e-04
90	-0.951	33.982	-0.953	27.326	32.073	0.100	1.20e-04
100	-1.021	34.080	-1.024	27.409	32.156	0.107	6.70e-05
110	-0.930	34.129	-0.933	27.444	32.189	0.113	2.50e-05
120	-0.760	34.171	-0.764	27.472	32.211	0.119	2.60e-05
130	-0.499	34.231	-0.503	27.509	32.240	0.125	3.90e-05
140	-0.249	34.277	-0.253	27.535	32.257	0.131	2.20e-05
150	0.123	34.336	0.118	27.563	32.274	0.136	2.00e-05
160	0.644	34.413	0.637	27.596	32.291	0.141	2.20e-05
180	0.903	34.470	0.895	27.625	32.312	0.151	1.20e-05
200	1.352	34.539	1.342	27.651	32.324	0.160	1.20e-05
220	1.511	34.573	1.500	27.667	32.336	0.168	3.20e-06
240	1.624	34.599	1.611	27.679	32.345	0.177	8.40e-06
260	1.694	34.619	1.680	27.690	32.354	0.185	4.90e-06
280	1.737	34.635	1.722	27.699	32.362	0.193	4.70e-06
300	1.761	34.647	1.745	27.708	32.370	0.201	3.20e-06
320	1.768	34.657	1.751	27.715	32.377	0.209	1.00e-06
340	1.862	34.677	1.844	27.724	32.383	0.217	3.80e-06
360	1.895	34.686	1.875	27.728	32.387	0.224	2.90e-06
380	1.847	34.687	1.826	27.733	32.393	0.232	2.50e-06
400	1.874	34.698	1.852	27.739	32.398	0.239	3.00e-06
420	1.856	34.700	1.833	27.743	32.403	0.246	2.90e-06
440	1.848	34.705	1.824	27.748	32.408	0.254	1.20e-06
460	1.839	34.707	1.814	27.750	32.410	0.261	1.10e-06
480	1.830	34.709	1.803	27.752	32.413	0.268	1.60e-06
500	1.812	34.712	1.784	27.756	32.417	0.275	3.00e-06
550	1.760	34.717	1.729	27.764	32.427	0.293	1.40e-06
600	1.722	34.720	1.689	27.769	32.433	0.309	4.20e-07
650	1.681	34.723	1.645	27.774	32.440	0.326	1.50e-06
700	1.615	34.725	1.576	27.781	32.449	0.343	2.30e-06
750	1.551	34.725	1.509	27.786	32.456	0.360	1.30e-06
800	1.502	34.725	1.458	27.790	32.461	0.377	1.20e-06
850	1.444	34.725	1.397	27.794	32.467	0.393	1.20e-06
900	1.401	34.724	1.351	27.796	32.471	0.410	8.10e-07
950	1.349	34.724	1.297	27.799	32.476	0.426	1.10e-06
1000	1.303	34.723	1.247	27.802	32.480	0.442	3.30e-07
1100	1.210	34.720	1.149	27.806	32.488	0.474	1.00e-06
1200	1.129	34.718	1.062	27.810	32.494	0.506	4.80e-07
1300	1.069	34.716	0.996	27.813	32.499	0.538	1.20e-06
1400	1.006	34.714	0.927	27.815	32.504	0.569	6.80e-07
1500	0.921	34.711	0.836	27.819	32.510	0.600	2.50e-07
1600	0.853	34.709	0.761	27.821	32.516	0.630	9.00e-07
1700	0.764	34.706	0.666	27.825	32.522	0.660	1.80e-06
1800	0.701	34.705	0.597	27.827	32.527	0.690	8.50e-07
1900	0.650	34.703	0.539	27.830	32.531	0.719	4.40e-07
2000	0.591	34.703	0.474	27.832	32.536	0.748	2.10e-06
2200	0.440	34.699	0.310	27.839	32.548	0.803	8.10e-07
2400	0.429	34.699	0.283	27.839	32.550	0.858	1.10e-07
2600	0.419	34.699	0.257	27.840	32.552	0.913	3.30e-08
2800	0.411	34.699	0.231	27.840	32.555	0.968	2.80e-08
2950	0.373	34.699	0.182	27.843	32.559	1.008	6.40e-06

CTD salinity 34.112, Autosol salinity 34.109 at 100 m
CTD salinity 34.726, Autosol salinity 34.728 at 799 m
CTD salinity 34.699, Autosol salinity 34.704 at 2592 m



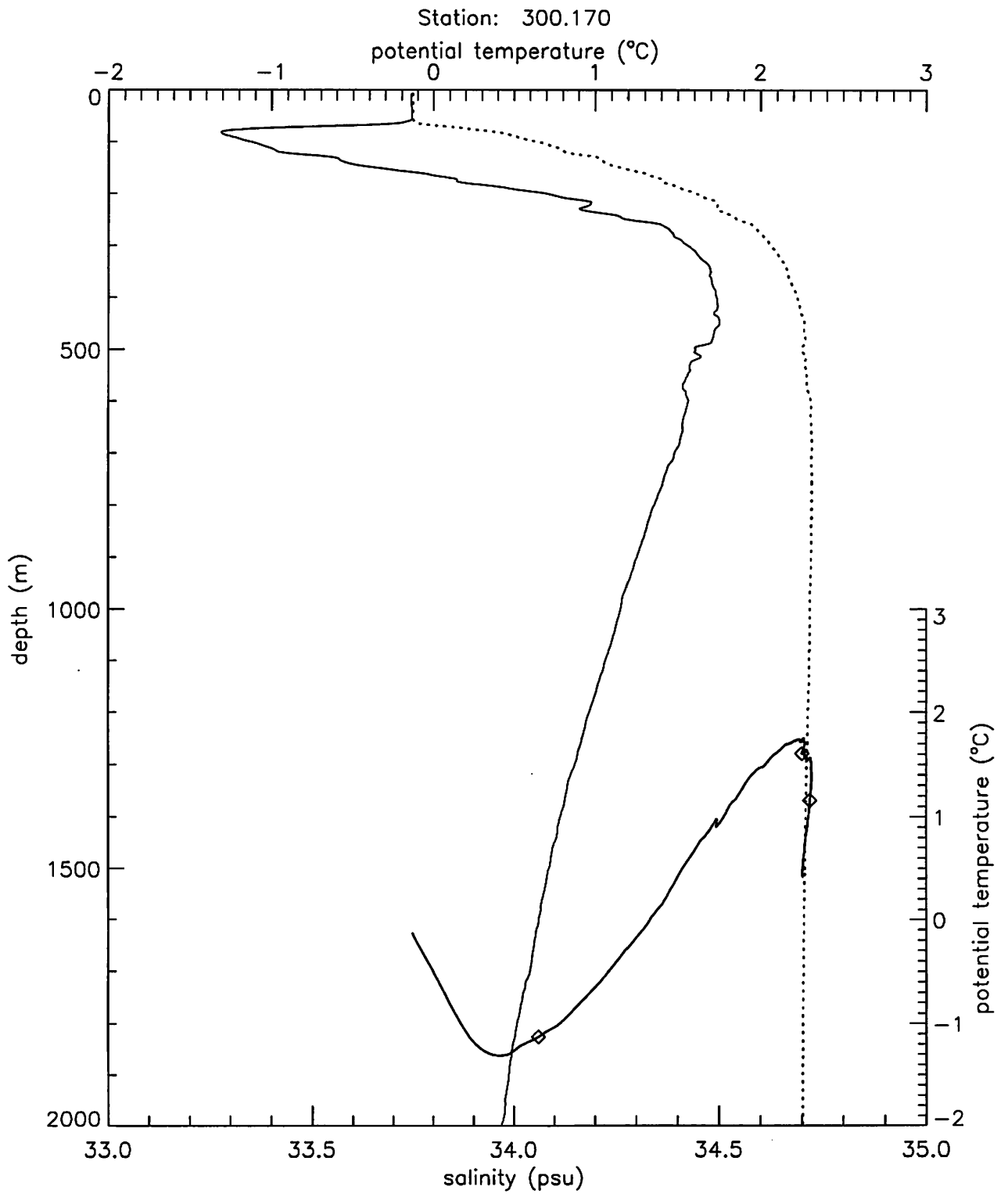
LTER 93b	Station:	300.200 (450)	JulianDay:	111	GMT:	0107
	Latitude:	65° 50.930' S	Longitude:	71° 22.450' W	Depth:	-999 m
	Barometer:	997.8 mb	RelHumidity:	74.9%	AirTemp:	-2.0°C
	RH Temp:	-2.4°C	WindSpeed:	11.1 m s ⁻¹	WindDir:	5°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
12	-0.124	33.785	-0.124	27.132	31.854	0.003	-3.20e-04
20	-0.123	33.782	-0.123	27.129	31.852	0.009	-5.20e-07
30	-0.122	33.782	-0.123	27.129	31.851	0.018	-6.50e-08
40	-0.120	33.782	-0.121	27.129	31.851	0.028	1.40e-07
50	-0.118	33.782	-0.120	27.129	31.851	0.037	1.40e-07
60	-0.118	33.782	-0.119	27.129	31.851	0.046	2.80e-07
70	-0.225	33.816	-0.227	27.161	31.886	0.056	2.70e-04
80	-0.971	34.038	-0.973	27.373	32.119	0.063	8.70e-05
90	-0.992	34.105	-0.995	27.428	32.174	0.070	1.10e-05
100	-0.899	34.138	-0.902	27.451	32.194	0.076	2.80e-05
110	-0.775	34.168	-0.778	27.471	32.210	0.082	1.30e-05
120	-0.524	34.216	-0.528	27.498	32.229	0.088	1.90e-05
130	-0.262	34.260	-0.266	27.522	32.245	0.094	2.50e-05
140	0.042	34.309	0.037	27.546	32.260	0.099	2.00e-05
150	0.314	34.352	0.309	27.566	32.271	0.105	1.70e-05
160	0.508	34.380	0.501	27.578	32.277	0.110	1.60e-05
180	0.932	34.442	0.924	27.601	32.288	0.120	6.90e-06
200	1.494	34.514	1.484	27.620	32.290	0.129	5.40e-06
220	1.608	34.540	1.597	27.633	32.300	0.139	6.10e-06
240	1.705	34.568	1.692	27.648	32.312	0.148	6.80e-06
260	1.748	34.589	1.734	27.662	32.324	0.157	4.90e-06
280	1.759	34.604	1.745	27.673	32.335	0.165	7.20e-06
300	1.822	34.621	1.806	27.682	32.342	0.174	5.40e-06
320	1.875	34.642	1.857	27.694	32.353	0.182	5.20e-06
340	1.917	34.657	1.898	27.703	32.361	0.190	4.40e-06
360	1.914	34.668	1.894	27.713	32.371	0.198	3.40e-06
380	1.917	34.675	1.896	27.718	32.376	0.206	2.30e-06
400	1.914	34.681	1.892	27.723	32.381	0.214	1.60e-06
420	1.905	34.688	1.882	27.729	32.388	0.221	2.40e-06
440	1.899	34.693	1.875	27.734	32.393	0.229	2.10e-06
460	1.892	34.697	1.866	27.737	32.396	0.236	1.70e-06
480	1.881	34.700	1.854	27.740	32.400	0.244	2.50e-06
500	1.867	34.702	1.839	27.743	32.403	0.251	3.40e-06
550	1.826	34.711	1.795	27.754	32.415	0.269	2.90e-06
600	1.787	34.715	1.754	27.760	32.423	0.287	2.80e-06
650	1.745	34.719	1.709	27.766	32.430	0.305	1.50e-06
700	1.702	34.721	1.663	27.771	32.437	0.323	1.80e-06
750	1.649	34.724	1.607	27.778	32.445	0.340	7.00e-07
800	1.603	34.725	1.558	27.782	32.451	0.357	1.40e-06
850	1.557	34.725	1.509	27.786	32.456	0.374	5.80e-07
900	1.512	34.725	1.461	27.789	32.461	0.391	1.10e-06
950	1.462	34.725	1.408	27.792	32.466	0.408	7.40e-07
1000	1.417	34.725	1.360	27.795	32.470	0.424	8.90e-07
1100	1.335	34.723	1.272	27.800	32.478	0.457	9.60e-07
1200	1.242	34.721	1.174	27.805	32.486	0.490	6.70e-07
1300	1.178	34.719	1.104	27.808	32.491	0.522	2.90e-07
1400	1.091	34.717	1.011	27.812	32.498	0.554	4.70e-07
1500	1.023	34.715	0.936	27.814	32.504	0.586	7.20e-07
1600	0.956	34.712	0.863	27.817	32.509	0.617	8.30e-07
1700	0.878	34.710	0.778	27.820	32.514	0.648	6.10e-07
1800	0.816	34.708	0.711	27.822	32.519	0.679	3.90e-07
1900	0.769	34.706	0.657	27.824	32.523	0.709	3.10e-07
2000	0.721	34.705	0.602	27.826	32.527	0.739	4.30e-07
2200	0.590	34.702	0.458	27.832	32.537	0.798	5.80e-07
2400	0.499	34.700	0.351	27.836	32.545	0.853	3.30e-07
2600	0.420	34.699	0.257	27.840	32.552	0.908	5.90e-07
2800	0.397	34.699	0.218	27.841	32.556	0.963	-9.00e-07
3000	0.354	34.699	0.158	27.844	32.561	1.017	-2.30e-07
3003	0.354	34.699	0.158	27.844	32.561	1.017	-2.10e-07



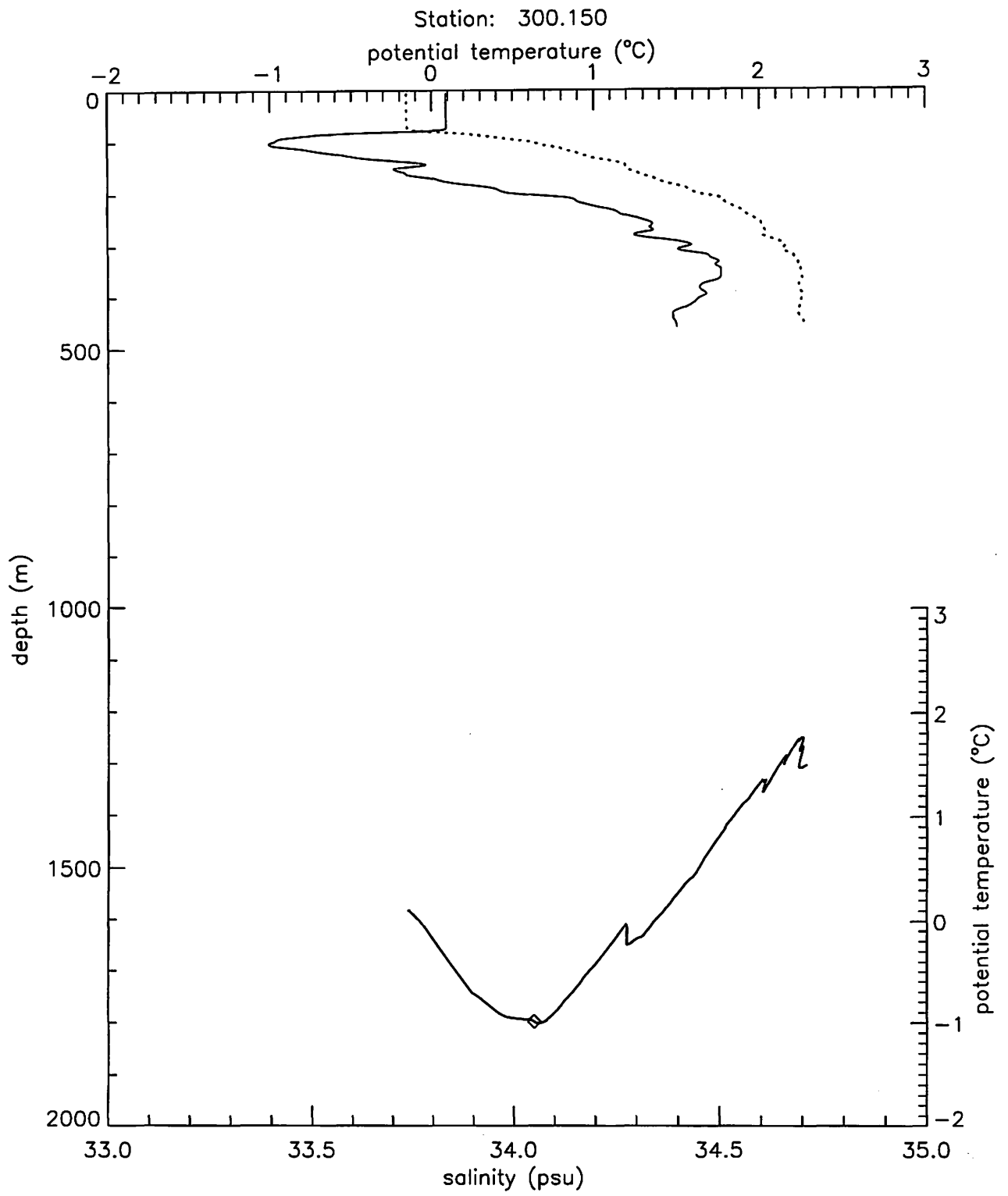
LTER 93b	Station:	300.170 (455)	JulianDay:	111	GMT:	0753
	Latitude:	66° 2.790' S	Longitude:	70° 55.760' W	Depth:	-999 m
	Barometer:	997.8 mb	RelHumidity:	79.9%	AirTemp:	-1.2°C
	RH Temp:	-1.9°C	WindSpeed:	11.3 m s ⁻¹	WindDir:	20°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	-0.141	33.747	-0.141	27.102	31.825	0.010	5.40e-06
10	-0.141	33.748	-0.141	27.102	31.826	0.012	3.00e-06
20	-0.140	33.748	-0.141	27.102	31.826	0.021	-2.10e-07
30	-0.138	33.748	-0.139	27.102	31.826	0.031	1.50e-07
40	-0.136	33.748	-0.138	27.102	31.826	0.041	2.70e-07
50	-0.137	33.748	-0.138	27.102	31.826	0.050	-1.50e-07
60	-0.160	33.751	-0.162	27.106	31.830	0.060	1.80e-05
70	-0.707	33.828	-0.709	27.192	31.932	0.069	1.60e-04
80	-1.300	33.948	-1.302	27.311	32.069	0.077	5.90e-05
90	-1.240	34.007	-1.243	27.357	32.112	0.084	2.60e-05
100	-1.126	34.061	-1.129	27.397	32.148	0.091	3.30e-05
110	-1.027	34.103	-1.030	27.428	32.175	0.098	2.60e-05
120	-0.948	34.127	-0.952	27.444	32.189	0.104	3.20e-05
130	-0.620	34.207	-0.624	27.496	32.230	0.110	2.20e-05
140	-0.544	34.224	-0.548	27.506	32.238	0.116	1.50e-05
150	-0.355	34.263	-0.360	27.529	32.254	0.122	2.50e-05
160	-0.090	34.318	-0.096	27.560	32.278	0.127	2.30e-05
180	0.212	34.372	0.205	27.588	32.296	0.137	1.10e-05
200	0.717	34.447	0.708	27.619	32.312	0.147	7.90e-06
220	0.984	34.495	0.974	27.641	32.326	0.156	6.60e-06
240	1.109	34.525	1.097	27.656	32.337	0.165	9.40e-06
260	1.414	34.580	1.401	27.679	32.352	0.173	9.30e-06
280	1.492	34.605	1.478	27.694	32.364	0.182	7.30e-06
300	1.577	34.625	1.561	27.704	32.371	0.190	3.60e-06
320	1.643	34.644	1.627	27.714	32.379	0.197	3.30e-06
340	1.709	34.661	1.691	27.723	32.386	0.205	2.70e-06
360	1.716	34.668	1.697	27.727	32.391	0.213	3.70e-06
380	1.736	34.678	1.716	27.734	32.397	0.220	3.40e-06
400	1.757	34.688	1.736	27.741	32.403	0.228	3.40e-06
420	1.763	34.696	1.741	27.746	32.409	0.235	3.60e-06
440	1.773	34.704	1.749	27.752	32.414	0.242	1.30e-06
460	1.751	34.706	1.726	27.755	32.418	0.249	3.20e-07
480	1.735	34.709	1.709	27.759	32.422	0.256	1.50e-06
500	1.631	34.701	1.605	27.760	32.427	0.263	7.40e-07
550	1.590	34.711	1.560	27.772	32.440	0.281	2.10e-06
600	1.597	34.721	1.564	27.779	32.447	0.298	2.10e-06
650	1.566	34.722	1.531	27.783	32.451	0.314	-1.20e-09
700	1.518	34.723	1.480	27.787	32.457	0.331	3.50e-07
750	1.458	34.724	1.417	27.792	32.464	0.347	7.60e-07
800	1.404	34.724	1.360	27.795	32.470	0.364	1.90e-06
850	1.354	34.723	1.307	27.799	32.475	0.380	6.70e-07
900	1.304	34.722	1.255	27.802	32.479	0.396	1.40e-06
950	1.252	34.721	1.200	27.804	32.483	0.412	1.10e-06
1000	1.213	34.720	1.158	27.806	32.487	0.428	7.90e-07
1100	1.125	34.718	1.065	27.810	32.494	0.459	9.00e-07
1200	1.033	34.715	0.967	27.814	32.501	0.490	9.70e-07
1300	0.949	34.713	0.877	27.818	32.507	0.521	6.30e-07
1400	0.865	34.710	0.788	27.821	32.514	0.551	9.40e-07
1500	0.802	34.708	0.718	27.823	32.518	0.580	1.40e-06
1600	0.746	34.706	0.655	27.826	32.523	0.609	3.30e-07
1700	0.697	34.705	0.601	27.828	32.527	0.639	4.10e-07
1800	0.623	34.703	0.520	27.831	32.533	0.668	5.20e-07
1900	0.577	34.702	0.468	27.833	32.537	0.696	3.80e-07
2000	0.541	34.701	0.424	27.835	32.540	0.724	3.30e-07
2001	0.541	34.701	0.424	27.835	32.540	0.724	3.20e-06



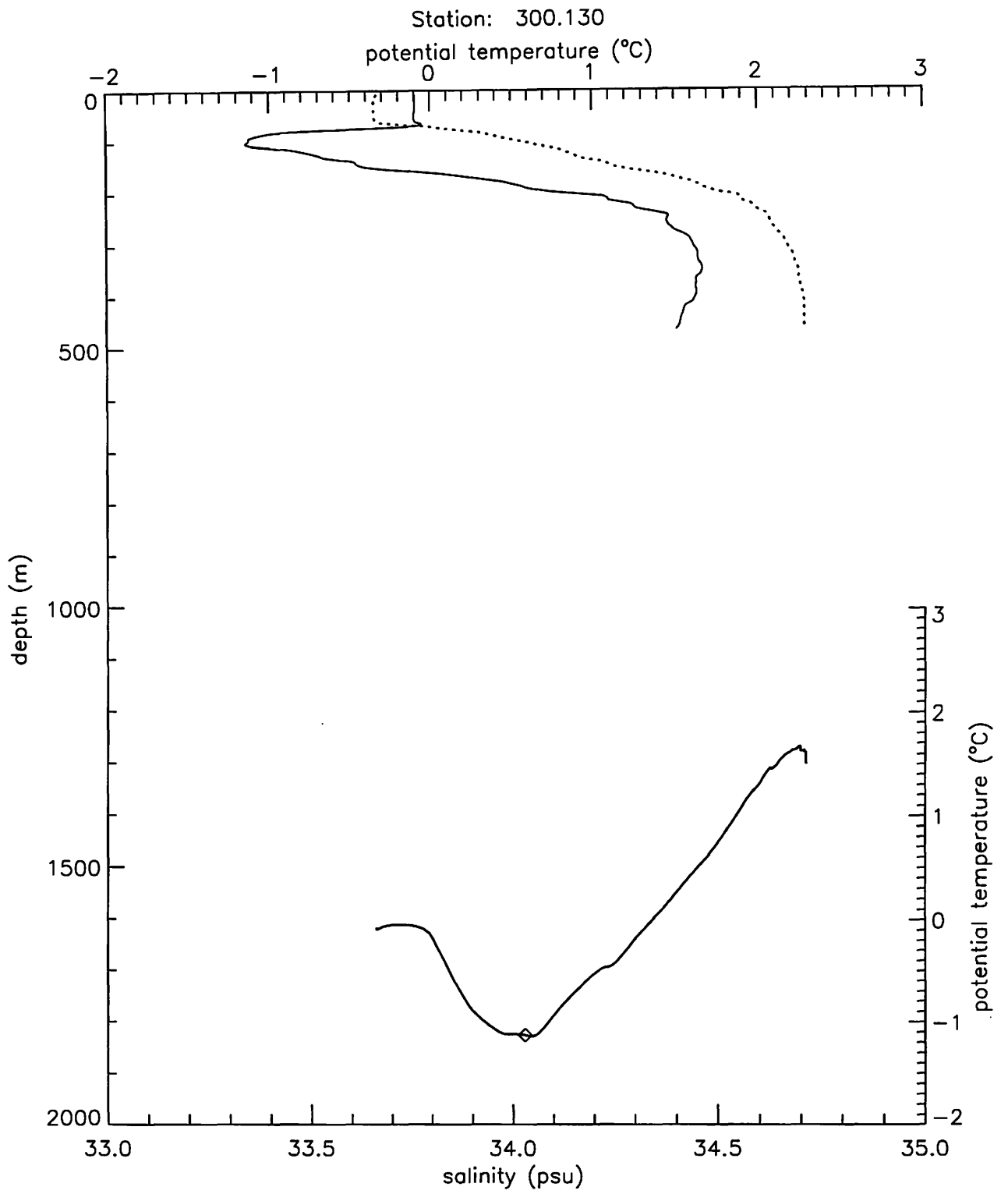
LTER 93b	Station:	300.150 (462)	JulianDay:	111	GMT:	1316
	Latitude:	66° 10.910' S	Longitude:	70° 37.550' W	Depth:	473 m
	Barometer:	991.2 mb	RelHumidity:	99.4%	AirTemp:	-0.1°C
	RH Temp:	-1.1°C	WindSpeed:	16.6 m s ⁻¹	WindDir:	11°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	0.089	33.737	0.089	27.082	31.799	0.001	-1.40e-08
10	0.089	33.738	0.089	27.083	31.799	0.005	2.40e-08
20	0.089	33.737	0.088	27.082	31.799	0.015	-4.70e-07
30	0.089	33.737	0.088	27.082	31.799	0.024	1.20e-07
40	0.090	33.737	0.088	27.082	31.799	0.034	3.00e-08
50	0.090	33.737	0.088	27.082	31.799	0.044	-7.60e-08
60	0.092	33.737	0.090	27.082	31.799	0.054	2.80e-07
70	0.093	33.738	0.091	27.083	31.799	0.064	2.10e-06
80	-0.222	33.805	-0.225	27.152	31.878	0.073	2.20e-04
90	-0.864	33.950	-0.867	27.297	32.041	0.082	7.90e-05
100	-0.986	34.050	-0.989	27.383	32.130	0.089	2.20e-05
110	-0.888	34.103	-0.892	27.422	32.166	0.096	3.20e-05
120	-0.665	34.151	-0.669	27.452	32.188	0.102	2.60e-05
130	-0.456	34.193	-0.460	27.477	32.206	0.108	2.80e-05
140	-0.087	34.263	-0.092	27.516	32.233	0.114	2.20e-05
150	-0.217	34.276	-0.222	27.533	32.254	0.119	1.40e-05
160	-0.159	34.307	-0.165	27.555	32.274	0.125	1.60e-05
180	0.176	34.381	0.169	27.597	32.306	0.135	2.40e-05
200	0.571	34.458	0.563	27.636	32.333	0.144	2.20e-05
220	0.972	34.526	0.962	27.666	32.351	0.153	1.20e-05
240	1.194	34.572	1.182	27.688	32.366	0.161	6.60e-06
260	1.360	34.605	1.347	27.703	32.377	0.169	5.90e-06
280	1.272	34.608	1.258	27.712	32.388	0.177	3.00e-06
300	1.580	34.660	1.564	27.731	32.398	0.184	6.80e-06
320	1.714	34.683	1.697	27.740	32.403	0.192	2.80e-06
340	1.771	34.695	1.752	27.746	32.407	0.199	2.90e-06
360	1.782	34.701	1.762	27.750	32.411	0.206	3.70e-06
380	1.656	34.694	1.636	27.753	32.418	0.213	8.30e-07
400	1.655	34.700	1.634	27.758	32.423	0.220	2.10e-06
420	1.559	34.694	1.537	27.760	32.428	0.227	3.20e-06
440	1.498	34.699	1.475	27.769	32.438	0.234	4.80e-06
453	1.519	34.708	1.495	27.774	32.444	0.238	2.60e-06



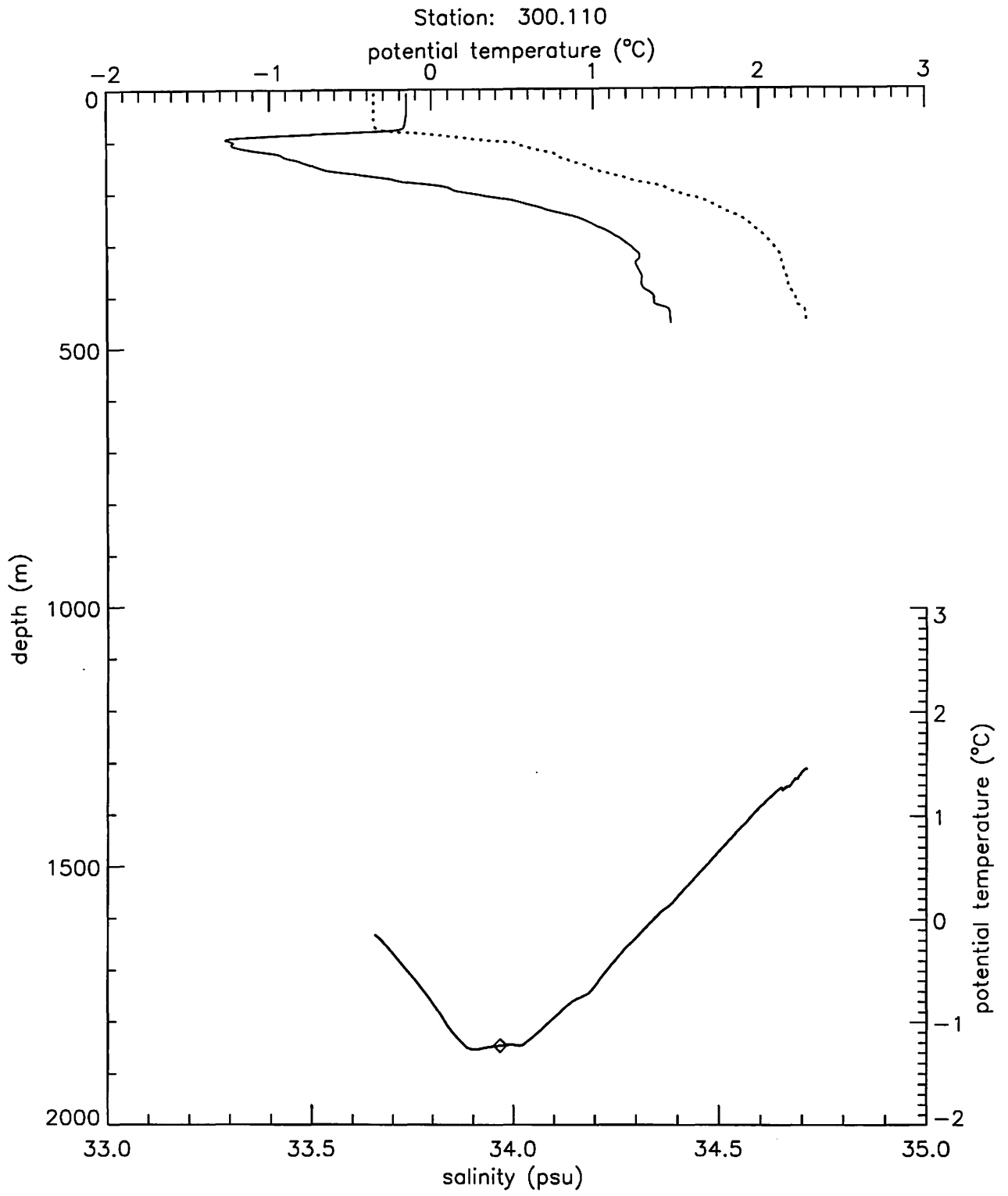
LTER 93b	Station:	300.130 (468)	JulianDay:	111	GMT:	1730
	Latitude:	66° 18.610' S	Longitude:	70° 19.220' W	Depth:	486 m
	Barometer:	988.5 mb	RelHumidity:	100.5%	AirTemp:	0.4°C
	RH Temp:	-0.8°C	WindSpeed:	15.9 m s ⁻¹	WindDir:	355°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
8	-0.094	33.667	-0.094	27.035	31.758	0.050	-3.80e-04
10	-0.094	33.665	-0.094	27.033	31.756	0.051	-2.50e-04
20	-0.093	33.660	-0.094	27.029	31.752	0.061	-7.80e-08
30	-0.093	33.660	-0.094	27.029	31.752	0.072	2.00e-09
40	-0.095	33.660	-0.096	27.029	31.752	0.082	4.00e-07
50	-0.098	33.661	-0.100	27.030	31.753	0.092	2.00e-07
60	-0.092	33.667	-0.094	27.034	31.757	0.102	7.40e-06
70	-0.135	33.792	-0.138	27.138	31.861	0.112	1.60e-04
80	-0.888	33.899	-0.890	27.257	32.002	0.121	1.20e-04
90	-1.098	33.966	-1.101	27.319	32.070	0.129	3.60e-05
100	-1.129	34.030	-1.132	27.372	32.123	0.136	5.30e-05
110	-0.997	34.089	-1.000	27.415	32.162	0.143	3.50e-05
120	-0.768	34.138	-0.771	27.445	32.185	0.149	2.20e-05
130	-0.655	34.166	-0.659	27.463	32.199	0.155	1.60e-05
140	-0.463	34.230	-0.467	27.507	32.236	0.161	3.40e-05
150	-0.364	34.264	-0.369	27.530	32.256	0.167	2.60e-05
160	0.028	34.347	0.022	27.578	32.291	0.172	4.80e-05
180	0.491	34.447	0.484	27.633	32.332	0.182	1.40e-05
200	0.886	34.523	0.877	27.670	32.357	0.190	2.20e-05
220	1.246	34.584	1.236	27.694	32.371	0.199	1.50e-05
240	1.466	34.624	1.454	27.711	32.381	0.206	8.90e-06
260	1.477	34.634	1.463	27.719	32.388	0.214	4.00e-06
280	1.589	34.659	1.574	27.730	32.396	0.222	6.00e-06
300	1.631	34.673	1.616	27.738	32.403	0.229	5.30e-06
320	1.657	34.685	1.640	27.746	32.411	0.236	5.60e-07
340	1.685	34.696	1.667	27.753	32.417	0.243	3.70e-06
360	1.651	34.699	1.632	27.758	32.423	0.250	2.00e-06
380	1.646	34.705	1.626	27.763	32.428	0.257	1.80e-06
400	1.639	34.710	1.618	27.767	32.433	0.264	4.30e-06
420	1.578	34.712	1.555	27.773	32.441	0.271	9.70e-07
440	1.558	34.712	1.535	27.775	32.443	0.277	1.50e-07
457	1.543	34.712	1.519	27.776	32.444	0.283	1.90e-06



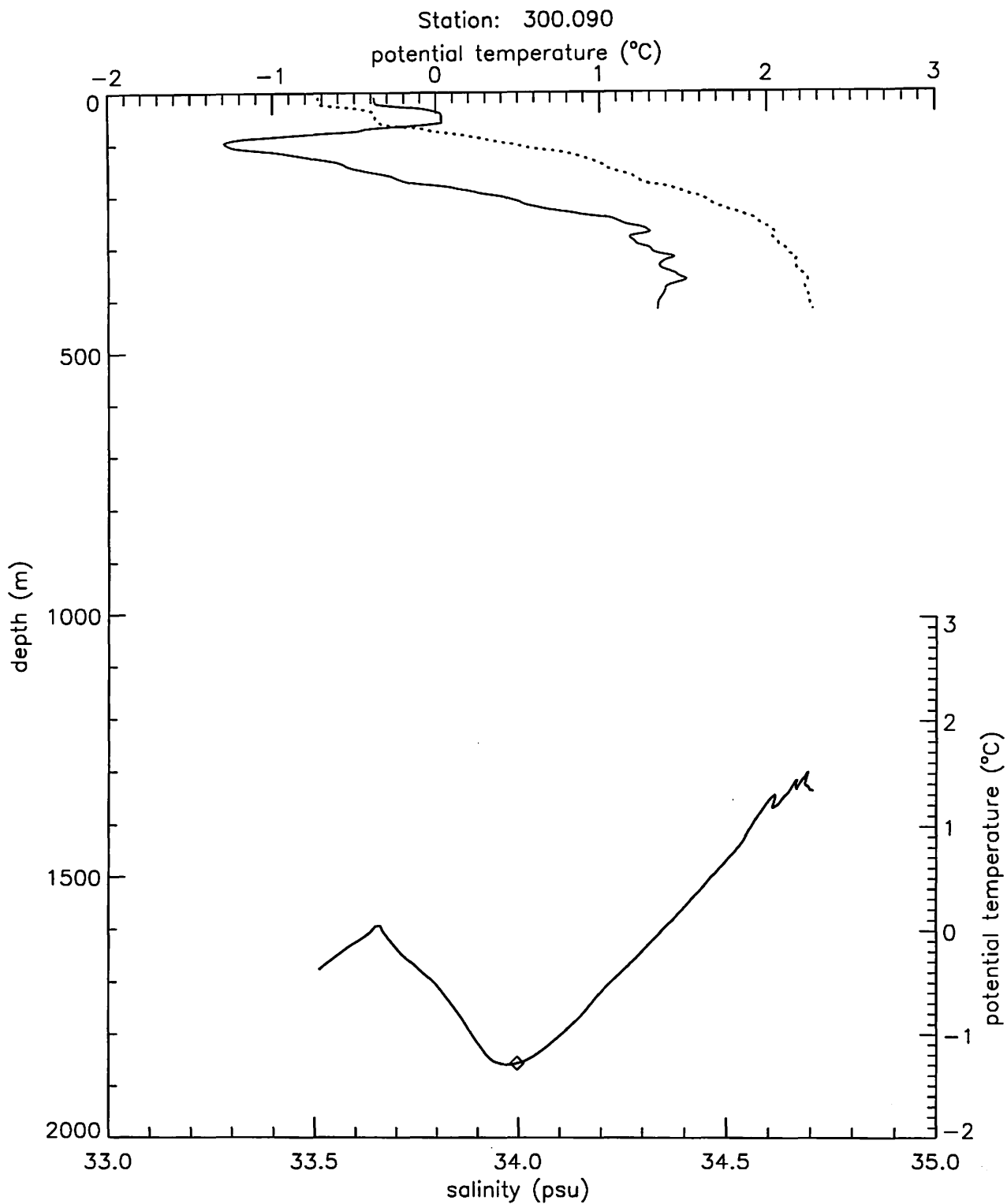
LTER 93b	Station:	300.110 (474)	JulianDay:	111	GMT:	2200
	Latitude:	66° 26.310' S	Longitude:	70° 1.560' W	Depth:	472 m
	Barometer:	985.3 mb	RelHumidity:	100.4%	AirTemp:	0.2°C
	RH Temp:	-0.6°C	WindSpeed:	13.1 m s ⁻¹	WindDir:	5°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	-0.157	33.657	-0.157	27.030	31.754	0.002	-4.40e-06
10	-0.156	33.656	-0.157	27.029	31.754	0.003	-2.60e-06
20	-0.156	33.656	-0.157	27.029	31.753	0.013	-7.90e-09
30	-0.155	33.656	-0.156	27.029	31.753	0.024	1.30e-08
40	-0.155	33.656	-0.157	27.029	31.753	0.034	6.60e-08
50	-0.156	33.656	-0.157	27.029	31.753	0.044	3.60e-07
60	-0.160	33.657	-0.162	27.030	31.755	0.055	8.80e-07
70	-0.167	33.660	-0.169	27.032	31.757	0.065	4.50e-06
80	-0.364	33.707	-0.366	27.080	31.810	0.075	1.80e-04
90	-1.095	33.848	-1.097	27.223	31.975	0.084	1.20e-04
100	-1.224	33.967	-1.226	27.324	32.079	0.092	1.00e-04
110	-1.202	34.029	-1.204	27.374	32.127	0.099	2.40e-05
120	-1.019	34.082	-1.022	27.410	32.157	0.106	4.00e-05
130	-0.903	34.114	-0.907	27.431	32.175	0.112	2.00e-05
140	-0.791	34.147	-0.796	27.454	32.194	0.119	3.10e-05
150	-0.700	34.189	-0.704	27.484	32.221	0.125	1.20e-05
160	-0.533	34.221	-0.538	27.503	32.234	0.131	2.80e-05
180	-0.103	34.316	-0.109	27.559	32.277	0.141	3.80e-05
200	0.244	34.404	0.236	27.612	32.319	0.151	2.10e-05
220	0.583	34.481	0.574	27.655	32.351	0.160	1.20e-05
240	0.821	34.534	0.811	27.682	32.371	0.169	1.30e-05
260	1.005	34.577	0.993	27.705	32.389	0.177	6.70e-06
280	1.130	34.608	1.116	27.721	32.401	0.184	6.00e-06
300	1.223	34.631	1.209	27.733	32.411	0.192	5.10e-06
320	1.292	34.650	1.276	27.744	32.419	0.199	3.00e-06
340	1.274	34.655	1.257	27.749	32.425	0.206	2.00e-06
360	1.309	34.665	1.291	27.755	32.430	0.213	3.30e-06
380	1.312	34.671	1.293	27.760	32.434	0.220	2.40e-06
400	1.385	34.686	1.364	27.766	32.439	0.227	4.30e-06
420	1.447	34.700	1.425	27.774	32.445	0.233	7.70e-06
440	1.484	34.712	1.461	27.780	32.450	0.240	1.10e-06
447	1.487	34.712	1.463	27.780	32.450	0.242	2.40e-07



LTER 93b	Station:	300.090 (480)	JulianDay:	112	GMT:	0318
	Latitude:	66° 34.160' S	Longitude:	69° 42.440' W	Depth:	435 m
	Barometer:	983.7 mb	RelHumidity:	96.8%	AirTemp:	-0.2°C
	RH Temp:	-1.2°C	WindSpeed:	9.5 m s ⁻¹	WindDir:	9°

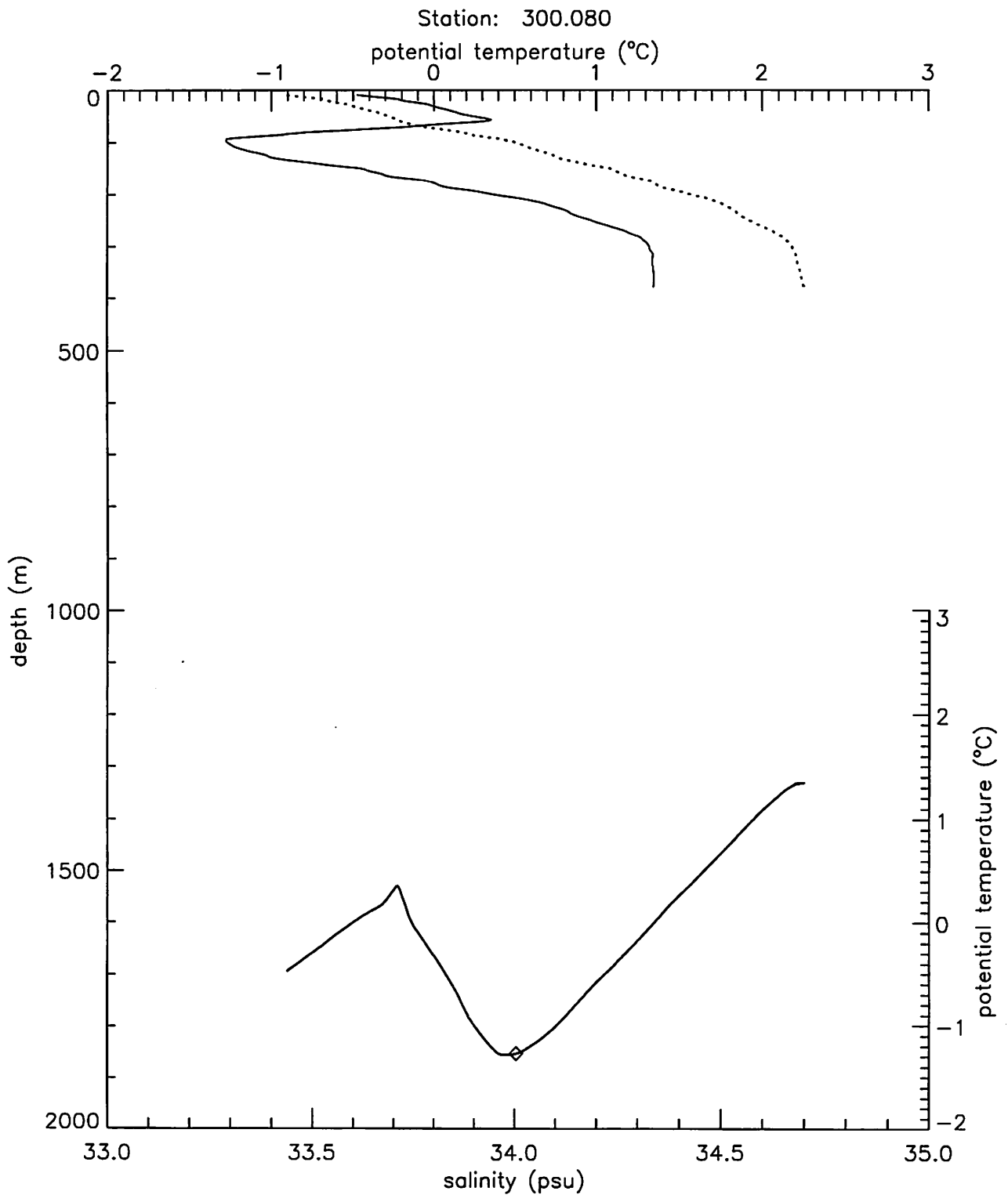
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
9	-0.381	33.511	-0.382	26.922	31.655	0.004	-1.20e-06
10	-0.381	33.511	-0.382	26.922	31.655	0.004	-9.80e-07
20	-0.374	33.513	-0.375	26.923	31.655	0.015	4.60e-06
30	-0.110	33.604	-0.111	26.984	31.708	0.026	5.70e-05
40	0.029	33.648	0.028	27.014	31.733	0.036	5.50e-06
50	0.034	33.650	0.032	27.015	31.734	0.047	5.40e-06
60	-0.010	33.666	-0.012	27.030	31.750	0.057	6.50e-05
70	-0.431	33.772	-0.434	27.135	31.867	0.067	3.60e-05
80	-0.802	33.853	-0.804	27.216	31.959	0.076	7.70e-05
90	-1.210	33.924	-1.212	27.289	32.044	0.084	5.00e-05
100	-1.277	33.996	-1.279	27.350	32.106	0.091	3.20e-05
110	-1.116	34.068	-1.119	27.402	32.152	0.098	6.70e-05
120	-0.859	34.141	-0.863	27.452	32.194	0.105	2.80e-05
130	-0.670	34.182	-0.673	27.477	32.213	0.111	2.20e-05
140	-0.555	34.208	-0.560	27.493	32.225	0.117	9.30e-06
150	-0.440	34.237	-0.445	27.512	32.241	0.123	2.30e-05
160	-0.277	34.279	-0.282	27.538	32.262	0.128	1.40e-05
180	0.076	34.364	0.070	27.589	32.301	0.139	2.50e-05
200	0.428	34.445	0.420	27.635	32.336	0.148	1.10e-05
220	0.643	34.492	0.634	27.659	32.354	0.157	1.50e-05
240	1.075	34.569	1.064	27.694	32.375	0.165	8.10e-06
260	1.285	34.607	1.272	27.710	32.386	0.173	8.70e-06
280	1.201	34.616	1.187	27.723	32.401	0.181	6.20e-06
300	1.322	34.644	1.307	27.738	32.412	0.188	3.80e-06
320	1.408	34.666	1.392	27.749	32.421	0.195	5.00e-06
340	1.418	34.674	1.401	27.754	32.426	0.202	3.80e-06
360	1.513	34.694	1.495	27.763	32.432	0.209	6.00e-06
380	1.403	34.693	1.384	27.771	32.443	0.216	4.80e-06
400	1.367	34.700	1.347	27.779	32.452	0.222	3.30e-06
409	1.365	34.704	1.345	27.782	32.455	0.225	2.20e-06



LTER 93b	Station:	300.080 (486)	JulianDay:	112	GMT:	0659
	Latitude:	66° 37.840' S	Longitude:	69° 32.040' W	Depth:	404 m
	Barometer:	982.3 mb	RelHumidity:	94.2%	AirTemp:	-0.2°C
	RH Temp:	-1.0°C	WindSpeed:	13.2 m s ⁻¹	WindDir:	1°

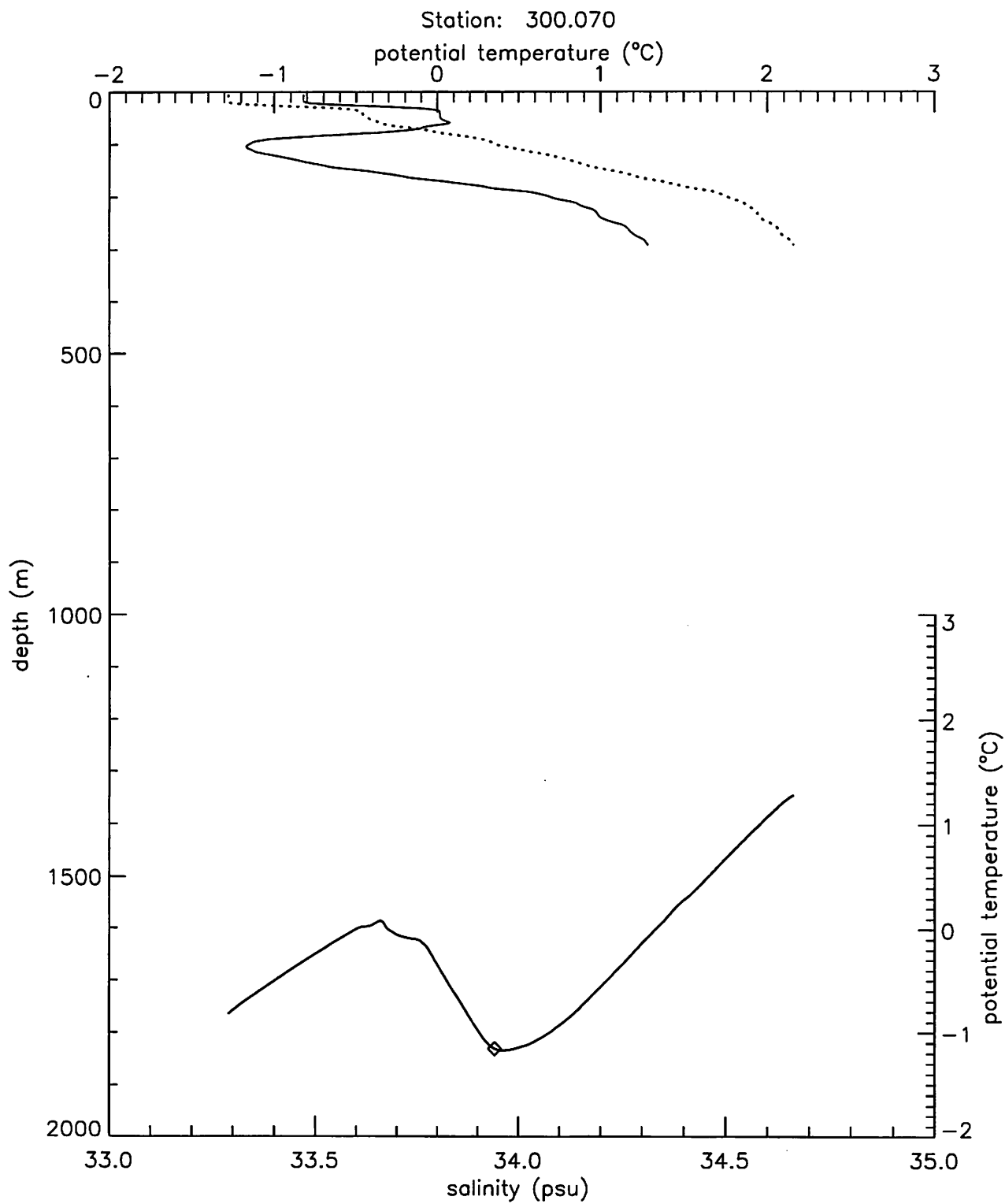
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
9	-0.475	33.438	-0.475	26.867	31.603	0.008	8.00e-05
10	-0.456	33.443	-0.457	26.870	31.606	0.008	1.10e-04
20	-0.193	33.535	-0.194	26.932	31.659	0.019	3.20e-05
30	-0.009	33.598	-0.010	26.975	31.696	0.030	2.70e-05
40	0.114	33.647	0.113	27.008	31.725	0.040	3.60e-05
50	0.250	33.688	0.248	27.034	31.746	0.051	1.70e-05
60	0.278	33.719	0.276	27.058	31.769	0.061	6.00e-05
70	-0.179	33.775	-0.181	27.126	31.850	0.071	9.00e-05
80	-0.755	33.866	-0.757	27.225	31.966	0.079	7.40e-05
90	-1.166	33.935	-1.168	27.296	32.049	0.088	9.30e-05
100	-1.264	34.004	-1.266	27.355	32.111	0.095	3.00e-05
110	-1.204	34.035	-1.207	27.378	32.132	0.102	2.30e-05
120	-1.084	34.077	-1.087	27.408	32.158	0.109	2.80e-05
130	-0.976	34.107	-0.980	27.429	32.175	0.115	2.40e-05
140	-0.728	34.164	-0.732	27.465	32.203	0.122	3.20e-05
150	-0.448	34.233	-0.453	27.509	32.238	0.127	3.30e-05
160	-0.324	34.263	-0.329	27.527	32.252	0.133	1.90e-05
180	0.021	34.344	0.015	27.575	32.289	0.144	9.20e-06
200	0.370	34.425	0.362	27.622	32.325	0.153	2.40e-05
220	0.709	34.506	0.699	27.667	32.360	0.162	1.20e-05
240	0.879	34.545	0.868	27.687	32.375	0.170	8.70e-06
260	1.076	34.593	1.064	27.713	32.395	0.178	1.30e-05
280	1.256	34.643	1.242	27.741	32.417	0.186	1.40e-05
300	1.335	34.670	1.320	27.758	32.431	0.193	4.50e-06
320	1.358	34.680	1.342	27.764	32.437	0.199	3.30e-06
340	1.361	34.688	1.343	27.770	32.443	0.206	3.00e-06
360	1.366	34.693	1.348	27.773	32.446	0.213	1.80e-06
375	1.366	34.697	1.347	27.776	32.450	0.217	3.20e-06

CTD salinity 34.698, Autosal salinity 34.698 at 377 m



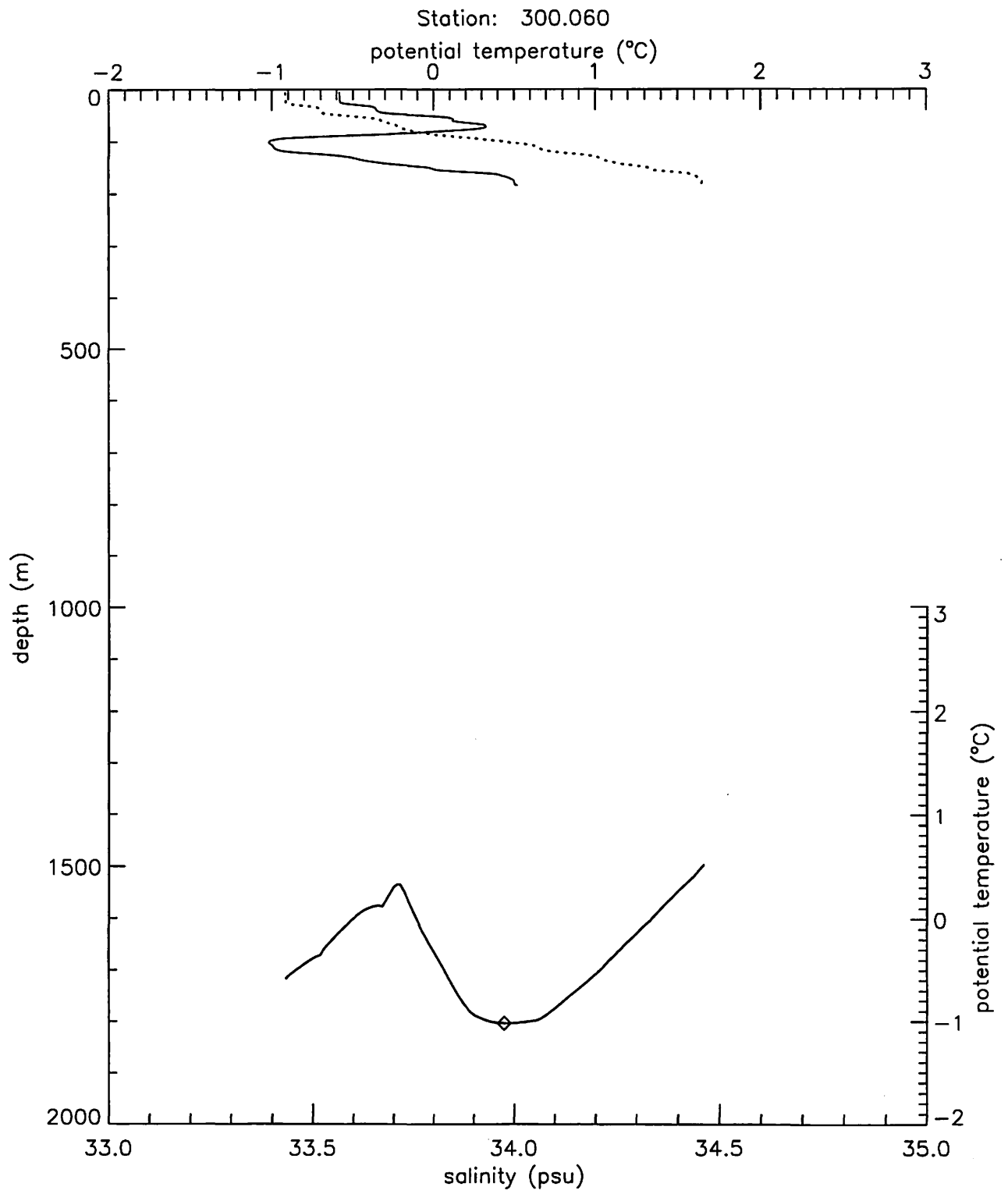
LYTER 93b	Station:	300.070 (487)	JulianDay:	112	GMT:	0859
	Latitude:	66° 41.740' S	Longitude:	69° 24.200' W	Depth:	315 m
	Barometer:	981.8 mb	RelHumidity:	88.6%	AirTemp:	-0.8°C
	RH Temp:	-1.6°C	WindSpeed:	9.8 m s ⁻¹	WindDir:	354°

Depth	Temp	Sal	Ptemp	Sigma0	Signal	DynHt	N ²
5	-0.823	33.289	-0.823	26.760	31.508	0.002	-4.00e-07
10	-0.820	33.289	-0.821	26.760	31.508	0.006	-3.30e-05
20	-0.811	33.292	-0.812	26.762	31.510	0.019	2.10e-05
30	-0.206	33.517	-0.207	26.919	31.646	0.032	1.60e-04
40	0.014	33.614	0.013	26.987	31.707	0.042	1.00e-05
50	0.020	33.628	0.018	26.998	31.717	0.053	1.90e-05
60	0.075	33.662	0.073	27.022	31.740	0.064	3.50e-05
70	-0.101	33.747	-0.103	27.100	31.822	0.074	9.20e-05
80	-0.478	33.820	-0.481	27.176	31.909	0.083	1.10e-04
90	-1.012	33.907	-1.015	27.268	32.016	0.091	6.00e-05
100	-1.149	33.942	-1.152	27.301	32.054	0.099	2.30e-05
110	-1.136	34.004	-1.139	27.351	32.102	0.107	4.20e-05
120	-1.016	34.069	-1.019	27.399	32.147	0.113	4.60e-05
130	-0.853	34.124	-0.856	27.438	32.180	0.120	2.80e-05
140	-0.697	34.165	-0.701	27.465	32.202	0.126	2.30e-05
150	-0.454	34.226	-0.459	27.503	32.232	0.132	4.10e-05
160	-0.225	34.279	-0.231	27.535	32.257	0.138	2.40e-05
180	0.288	34.399	0.281	27.606	32.311	0.148	3.30e-05
200	0.700	34.503	0.692	27.665	32.358	0.157	1.30e-05
220	0.918	34.557	0.908	27.695	32.381	0.165	1.30e-05
240	1.014	34.581	1.003	27.708	32.391	0.173	5.40e-06
260	1.176	34.624	1.163	27.731	32.409	0.180	5.00e-06
280	1.264	34.649	1.250	27.745	32.421	0.188	1.00e-05
289	1.291	34.658	1.277	27.751	32.426	0.190	2.40e-06



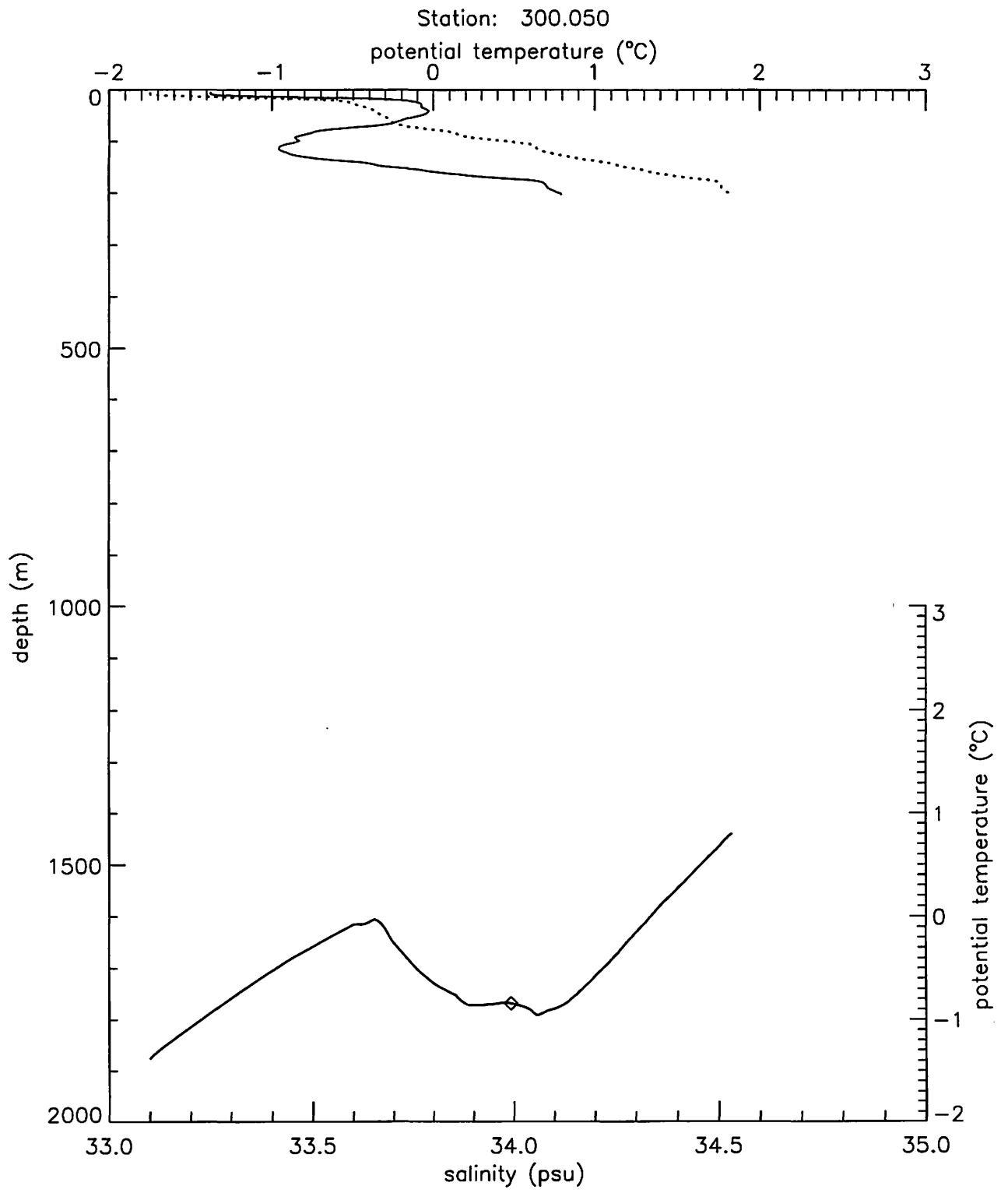
LTER 93b	Station:	300.060 (494)	JulianDay:	112	GMT:	1313
	Latitude:	66° 45.720' S	Longitude:	69° 14.420' W	Depth:	208 m
	Barometer:	981.1 mb	RelHumidity:	93.4%	AirTemp:	-2.5°C
	RH Temp:	-3.7°C	WindSpeed:	7.5 m s ⁻¹	WindDir:	318°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-0.586	33.433	-0.586	26.868	31.607	0.002	8.70e-07
10	-0.583	33.434	-0.584	26.868	31.607	0.006	4.30e-07
20	-0.582	33.434	-0.582	26.868	31.608	0.018	1.20e-07
30	-0.473	33.468	-0.474	26.891	31.627	0.030	7.00e-05
40	-0.353	33.519	-0.354	26.927	31.659	0.041	4.40e-06
50	-0.078	33.580	-0.079	26.963	31.686	0.052	8.20e-05
60	0.117	33.671	0.115	27.027	31.744	0.063	1.20e-05
70	0.329	33.709	0.326	27.047	31.757	0.073	1.90e-05
80	0.052	33.749	0.049	27.094	31.812	0.083	8.80e-05
90	-0.664	33.848	-0.667	27.207	31.945	0.092	1.40e-04
100	-1.013	33.975	-1.016	27.323	32.071	0.100	6.40e-05
110	-0.986	34.056	-0.989	27.388	32.134	0.107	1.10e-05
120	-0.874	34.099	-0.877	27.418	32.161	0.114	6.50e-05
130	-0.526	34.203	-0.530	27.488	32.219	0.120	2.80e-05
140	-0.361	34.243	-0.365	27.512	32.239	0.126	3.30e-05
150	-0.034	34.325	-0.039	27.563	32.279	0.131	2.60e-05
160	0.257	34.396	0.251	27.605	32.311	0.136	6.50e-05
180	0.513	34.459	0.506	27.641	32.339	0.145	5.50e-05
182	0.513	34.459	0.506	27.641	32.339	0.146	5.30e-07



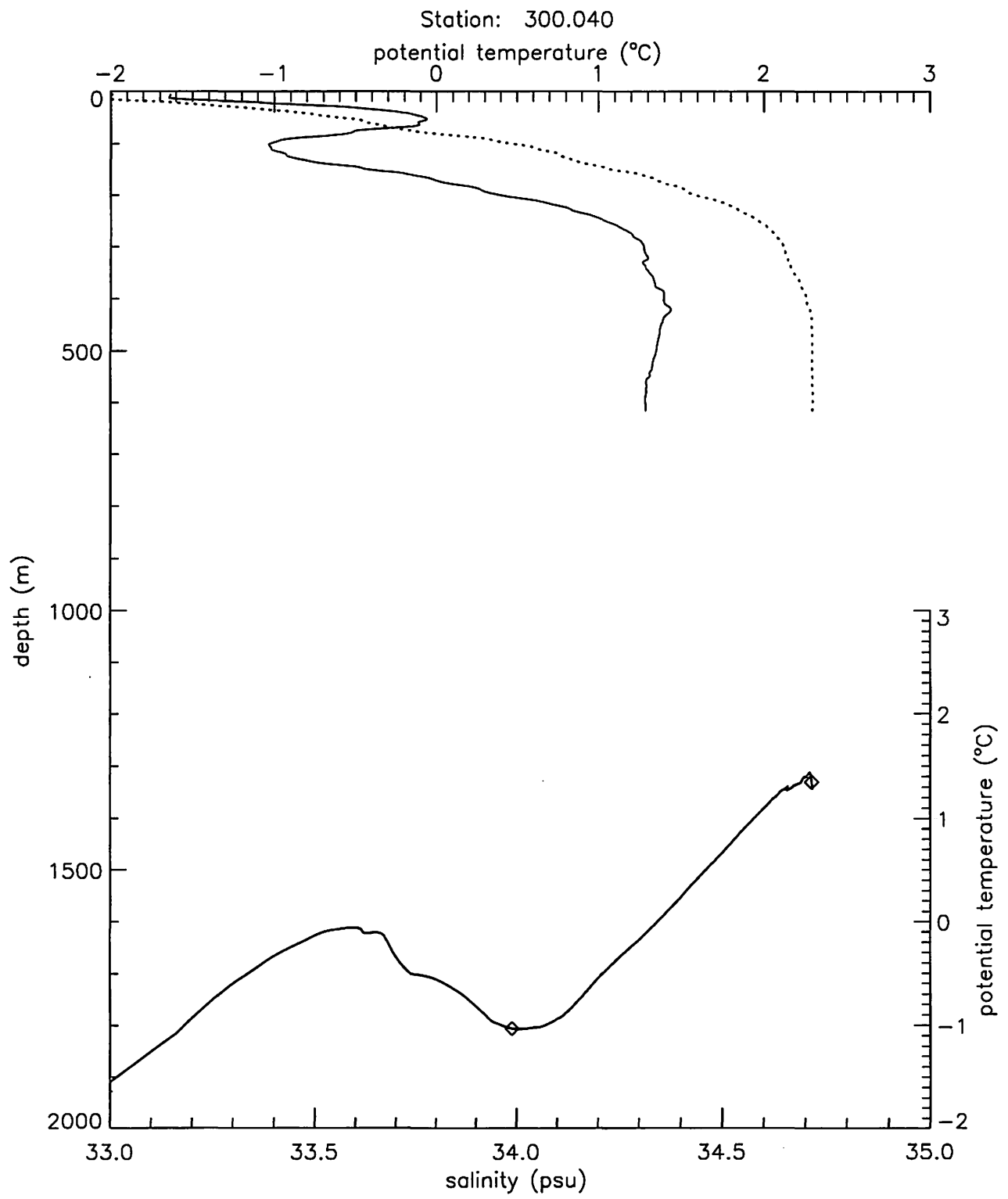
LTER 93b	Station:	300.050 (495)	JulianDay:	112	GMT:	1424
	Latitude:	66° 49.520' S	Longitude:	69° 4.700' W	Depth:	228 m
	Barometer:	981.3 mb	RelHumidity:	94.2%	AirTemp:	-3.2°C
	RH Temp:	-4.5°C	WindSpeed:	9.2 m s ⁻¹	WindDir:	349°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-1.376	33.101	-1.376	26.626	31.393	0.004	3.50e-07
10	-1.354	33.106	-1.354	26.630	31.396	0.008	8.00e-05
20	-0.200	33.542	-0.201	26.939	31.666	0.021	1.60e-04
30	-0.074	33.612	-0.075	26.989	31.712	0.032	3.60e-05
40	-0.029	33.652	-0.030	27.019	31.740	0.042	2.00e-05
50	-0.090	33.674	-0.092	27.040	31.763	0.053	3.40e-05
60	-0.211	33.693	-0.213	27.061	31.787	0.063	1.80e-05
70	-0.385	33.730	-0.387	27.099	31.830	0.073	8.70e-05
80	-0.723	33.837	-0.725	27.200	31.941	0.082	6.70e-05
90	-0.840	33.880	-0.843	27.239	31.983	0.090	5.10e-05
100	-0.839	33.993	-0.842	27.331	32.074	0.098	8.40e-05
110	-0.949	34.055	-0.952	27.385	32.131	0.105	7.60e-06
120	-0.925	34.076	-0.928	27.402	32.146	0.112	3.50e-05
130	-0.802	34.140	-0.806	27.449	32.189	0.118	4.00e-05
140	-0.471	34.227	-0.476	27.505	32.234	0.124	5.60e-05
150	-0.240	34.280	-0.245	27.537	32.259	0.130	4.40e-05
160	0.045	34.345	0.039	27.575	32.288	0.135	3.10e-05
180	0.694	34.504	0.686	27.666	32.359	0.144	1.20e-05
199	0.777	34.523	0.769	27.677	32.367	0.152	7.50e-06



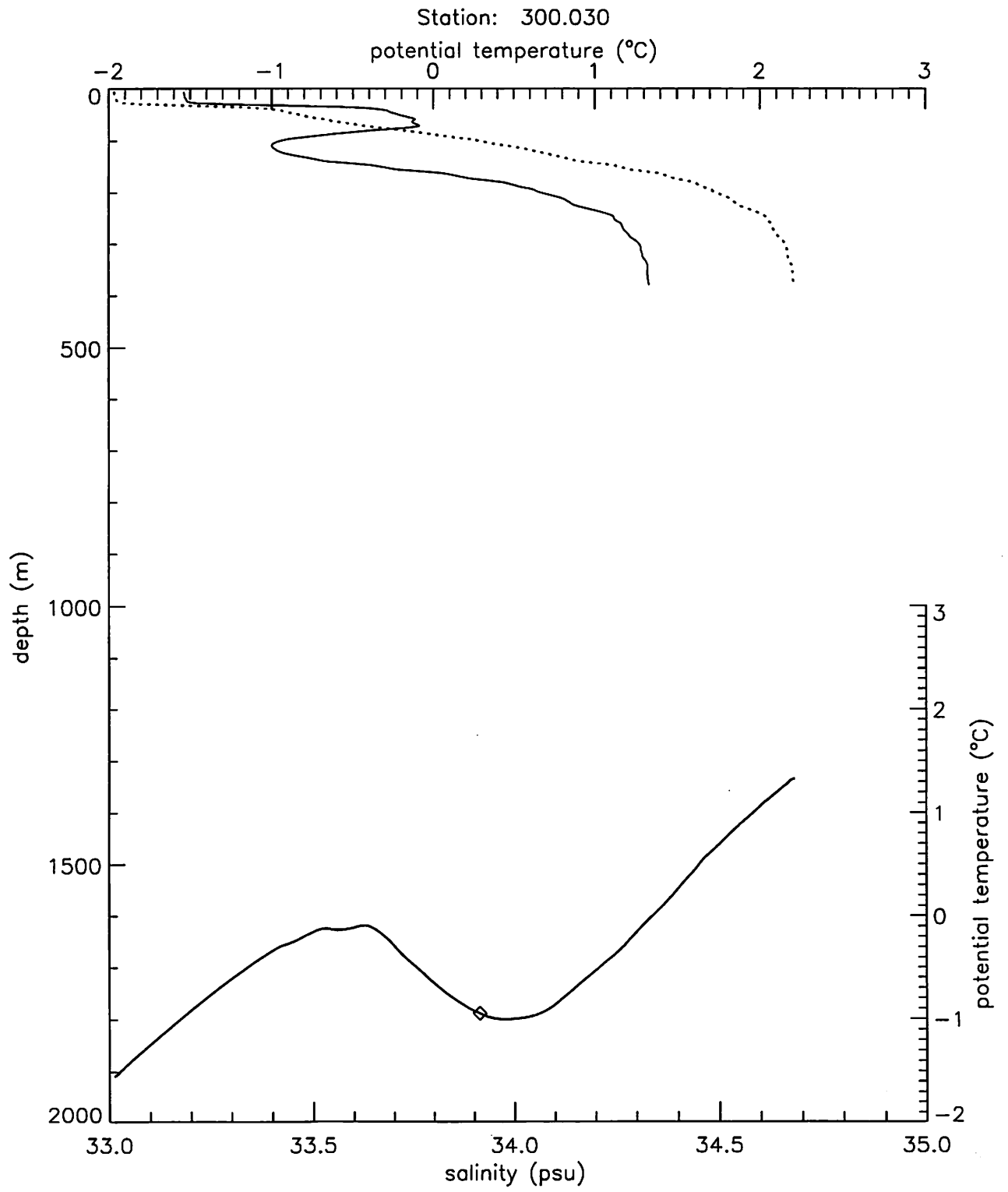
LTER 93b	Station:	300.040 (497)	JulianDay:	112	GMT:	1627
	Latitude:	66° 53.360' S	Longitude:	68° 55.080' W	Depth:	628 m
	Barometer:	981.9 mb	RelHumidity:	88.4%	AirTemp:	-3.5°C
	RH Temp:	-5.0°C	WindSpeed:	9.0 m s ⁻¹	WindDir:	359°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
6	-1.634	33.005	-1.634	26.555	31.331	0.002	-1.20e-04
10	-1.639	32.978	-1.639	26.533	31.309	0.006	-8.10e-05
20	-1.164	33.130	-1.164	26.643	31.403	0.021	1.90e-04
30	-0.556	33.314	-0.557	26.770	31.510	0.034	1.30e-04
40	-0.227	33.452	-0.228	26.867	31.596	0.046	8.60e-05
50	-0.075	33.555	-0.077	26.944	31.667	0.058	8.80e-05
60	-0.111	33.630	-0.113	27.006	31.729	0.069	3.90e-05
70	-0.297	33.693	-0.299	27.065	31.794	0.079	8.70e-05
80	-0.541	33.790	-0.543	27.154	31.890	0.088	9.80e-05
90	-0.891	33.922	-0.893	27.275	32.020	0.097	7.90e-05
100	-1.027	33.989	-1.029	27.335	32.083	0.105	6.60e-05
110	-1.017	34.051	-1.020	27.385	32.132	0.112	2.20e-05
120	-0.928	34.105	-0.931	27.425	32.169	0.118	2.20e-05
130	-0.836	34.133	-0.840	27.445	32.186	0.125	2.50e-05
140	-0.622	34.183	-0.626	27.476	32.210	0.131	3.80e-05
150	-0.402	34.237	-0.407	27.510	32.237	0.137	3.20e-05
160	-0.143	34.308	-0.149	27.555	32.274	0.142	3.00e-05
180	0.167	34.382	0.160	27.599	32.308	0.152	2.70e-05
200	0.418	34.439	0.410	27.631	32.332	0.162	1.80e-05
220	0.759	34.519	0.749	27.674	32.365	0.170	1.50e-05
240	0.975	34.569	0.964	27.700	32.385	0.178	1.20e-05
260	1.133	34.606	1.121	27.720	32.400	0.186	8.60e-06
280	1.226	34.630	1.212	27.733	32.410	0.193	3.80e-06
300	1.293	34.648	1.278	27.742	32.417	0.201	1.30e-06
320	1.319	34.657	1.303	27.748	32.422	0.206	3.90e-06
340	1.305	34.665	1.288	27.755	32.430	0.212	2.50e-06
360	1.352	34.682	1.334	27.766	32.439	0.219	6.40e-06
380	1.383	34.692	1.363	27.772	32.444	0.225	6.40e-07
400	1.417	34.702	1.396	27.777	32.448	0.232	-6.40e-08
420	1.461	34.710	1.439	27.781	32.451	0.238	1.50e-06
440	1.414	34.715	1.391	27.788	32.459	0.245	2.60e-06
460	1.396	34.715	1.372	27.789	32.462	0.251	6.90e-07
480	1.387	34.716	1.362	27.790	32.463	0.257	6.30e-07
500	1.377	34.716	1.351	27.791	32.465	0.263	1.90e-07
550	1.338	34.717	1.310	27.794	32.469	0.279	3.60e-06
600	1.319	34.717	1.288	27.796	32.471	0.295	-3.70e-07
612	1.320	34.717	1.288	27.796	32.471	0.298	-3.40e-07



LTER 93b	Station:	300.030 (504)	JulianDay:	112	GMT:	2322
	Latitude:	66° 57.290' S	Longitude:	68° 45.790' W	Depth:	387 m
	Barometer:	983.8 mb	RelHumidity:	86.0%	AirTemp:	-5.4°C
	RH Temp:	-6.6°C	WindSpeed:	5.6 m s ⁻¹	WindDir:	326°

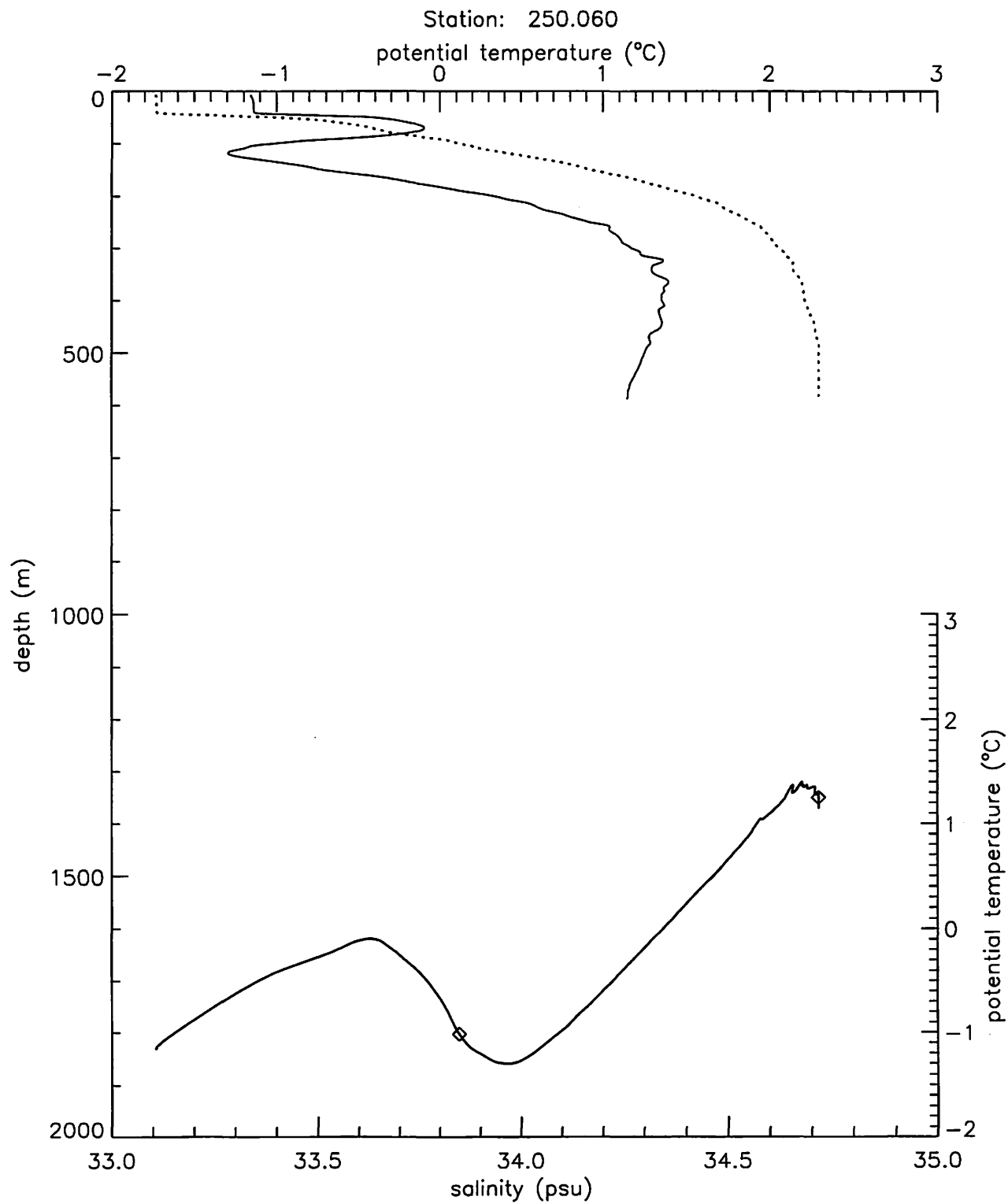
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
6	-1.538	33.013	-1.538	26.559	31.332	0.002	7.20e-06
10	-1.537	33.014	-1.537	26.560	31.333	0.006	5.30e-06
20	-1.526	33.019	-1.527	26.563	31.336	0.021	3.90e-06
30	-1.284	33.087	-1.285	26.611	31.376	0.035	1.50e-04
40	-0.333	33.401	-0.334	26.831	31.563	0.048	1.00e-04
50	-0.221	33.465	-0.222	26.878	31.606	0.060	4.20e-05
60	-0.115	33.534	-0.117	26.929	31.653	0.072	5.60e-05
70	-0.092	33.617	-0.094	26.994	31.717	0.083	6.50e-05
80	-0.382	33.723	-0.385	27.094	31.825	0.093	1.10e-04
90	-0.711	33.818	-0.713	27.184	31.924	0.102	8.70e-05
100	-0.942	33.914	-0.945	27.271	32.017	0.111	5.00e-05
110	-0.998	33.988	-1.001	27.333	32.081	0.118	6.70e-05
120	-0.954	34.055	-0.957	27.386	32.131	0.125	3.80e-05
130	-0.818	34.112	-0.822	27.427	32.168	0.132	3.50e-05
140	-0.627	34.169	-0.632	27.465	32.200	0.138	4.80e-05
150	-0.312	34.262	-0.317	27.526	32.250	0.144	3.20e-05
160	-0.014	34.333	-0.020	27.569	32.284	0.149	5.60e-05
180	0.447	34.440	0.440	27.630	32.330	0.159	2.90e-05
200	0.681	34.494	0.673	27.659	32.353	0.168	1.50e-05
220	0.861	34.541	0.851	27.686	32.373	0.176	6.20e-06
240	1.073	34.598	1.062	27.718	32.399	0.184	1.20e-05
260	1.170	34.627	1.158	27.734	32.412	0.191	8.10e-06
280	1.215	34.640	1.201	27.741	32.418	0.199	4.90e-06
300	1.284	34.661	1.270	27.754	32.429	0.206	5.30e-06
320	1.304	34.666	1.288	27.756	32.431	0.213	1.50e-06
340	1.336	34.675	1.319	27.761	32.435	0.219	3.30e-06
360	1.339	34.679	1.321	27.764	32.438	0.226	3.50e-07
376	1.345	34.680	1.326	27.765	32.439	0.231	3.60e-06



LTER 93b	Station:	250.060 (510)	JulianDay:	113	GMT:	0531
	Latitude:	67° 4.590' S	Longitude:	70° 3.730' W	Depth:	611 m
	Barometer:	980.5 mb	RelHumidity:	95.8%	AirTemp:	-2.9°C
	RH Temp:	-4.1°C	WindSpeed:	11.0 m s ⁻¹	WindDir:	0°

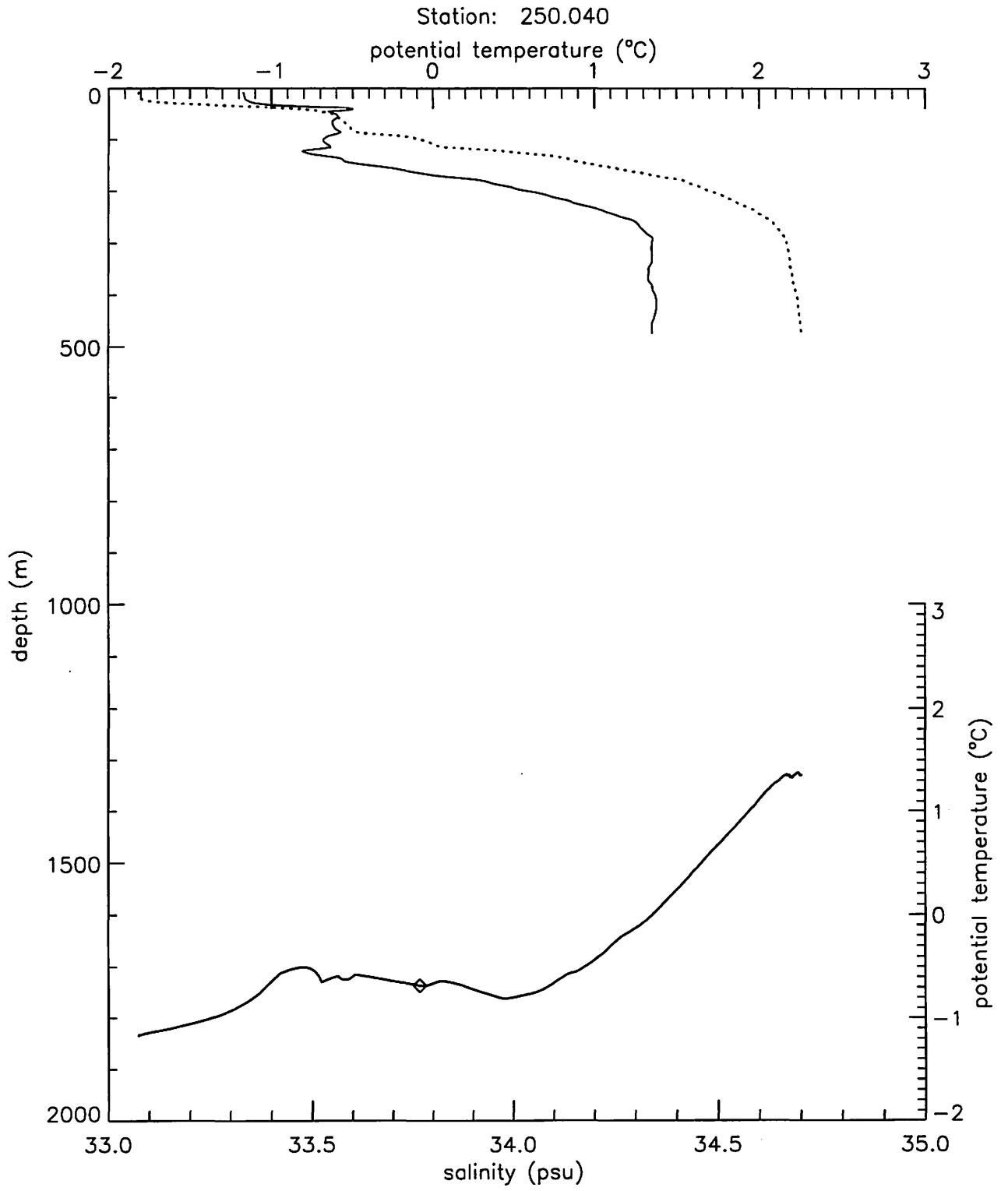
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	-1.157	33.107	-1.157	26.624	31.385	0.006	1.00e-06
10	-1.154	33.107	-1.154	26.624	31.385	0.008	5.90e-07
20	-1.140	33.108	-1.141	26.625	31.384	0.022	2.40e-07
30	-1.139	33.108	-1.140	26.625	31.384	0.036	2.10e-07
40	-1.136	33.109	-1.137	26.625	31.385	0.050	9.90e-06
50	-0.423	33.394	-0.424	26.829	31.564	0.064	1.70e-04
60	-0.196	33.550	-0.198	26.945	31.672	0.075	6.40e-05
70	-0.096	33.627	-0.098	27.003	31.726	0.086	4.40e-05
80	-0.197	33.683	-0.199	27.053	31.779	0.096	8.10e-05
90	-0.555	33.780	-0.557	27.147	31.883	0.106	1.10e-04
100	-1.010	33.847	-1.013	27.219	31.968	0.115	6.30e-05
110	-1.208	33.904	-1.210	27.272	32.027	0.123	5.80e-05
120	-1.288	33.981	-1.291	27.337	32.094	0.131	5.00e-05
130	-1.116	34.056	-1.119	27.392	32.143	0.138	4.40e-05
140	-0.888	34.124	-0.892	27.439	32.182	0.144	3.20e-05
150	-0.714	34.171	-0.718	27.470	32.207	0.150	3.60e-05
160	-0.446	34.235	-0.452	27.511	32.239	0.156	3.60e-05
180	-0.039	34.334	-0.045	27.570	32.286	0.167	2.70e-05
200	0.347	34.425	0.339	27.623	32.327	0.177	1.80e-05
220	0.605	34.488	0.596	27.658	32.354	0.186	7.80e-06
240	0.819	34.535	0.809	27.683	32.373	0.194	9.90e-06
260	1.055	34.581	1.043	27.705	32.387	0.202	8.10e-06
280	1.115	34.603	1.102	27.718	32.399	0.210	5.10e-06
300	1.190	34.622	1.175	27.729	32.407	0.217	6.10e-06
320	1.357	34.650	1.341	27.740	32.413	0.224	6.10e-06
340	1.312	34.655	1.295	27.747	32.422	0.232	3.40e-06
360	1.404	34.675	1.385	27.756	32.428	0.239	2.50e-06
380	1.388	34.679	1.369	27.761	32.433	0.245	3.20e-06
400	1.375	34.684	1.355	27.766	32.439	0.252	3.20e-06
420	1.358	34.693	1.336	27.774	32.447	0.259	3.90e-06
440	1.378	34.705	1.356	27.782	32.455	0.266	2.90e-06
460	1.328	34.708	1.305	27.788	32.463	0.272	4.60e-06
480	1.312	34.717	1.288	27.796	32.471	0.278	2.50e-06
500	1.276	34.717	1.251	27.799	32.475	0.284	1.40e-06
550	1.210	34.718	1.182	27.804	32.482	0.300	1.20e-06
585	1.182	34.717	1.152	27.806	32.485	0.310	5.80e-06

CTD salinity 34.717, Autosal salinity 34.716 at 586 m



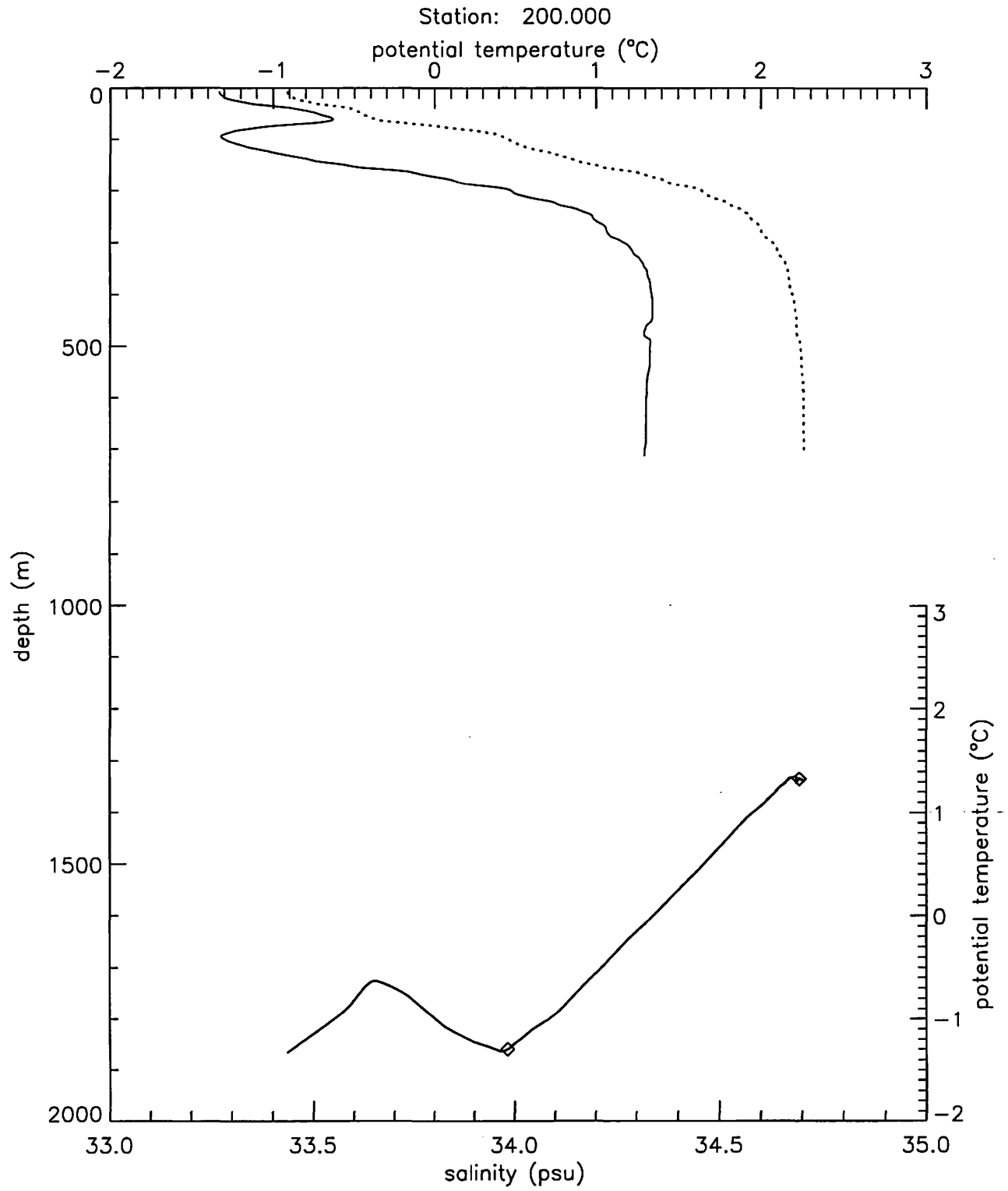
LTER 93b	Station:	250.040 (513)	JulianDay:	113	GMT:	0926
	Latitude:	67° 12.200' S	Longitude:	69° 44.570' W	Depth:	496 m
	Barometer:	976.0 mb	RelHumidity:	98.5%	AirTemp:	-1.8°C
	RH Temp:	-2.8°C	WindSpeed:	14.3 m s ⁻¹	WindDir:	360°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	-1.171	33.076	-1.172	26.599	31.360	0.010	-3.00e-06
10	-1.171	33.074	-1.171	26.598	31.359	0.013	6.50e-06
20	-1.162	33.079	-1.162	26.602	31.362	0.027	2.10e-05
30	-1.074	33.183	-1.074	26.683	31.440	0.041	2.10e-04
40	-0.504	33.466	-0.505	26.891	31.628	0.054	1.20e-04
50	-0.606	33.549	-0.607	26.962	31.702	0.065	3.10e-05
60	-0.606	33.568	-0.608	26.978	31.717	0.076	1.70e-05
70	-0.623	33.585	-0.625	26.992	31.731	0.086	1.20e-05
80	-0.603	33.596	-0.605	27.001	31.739	0.097	9.20e-06
90	-0.607	33.660	-0.610	27.052	31.790	0.107	1.50e-04
100	-0.679	33.767	-0.682	27.142	31.882	0.117	3.70e-05
110	-0.652	33.803	-0.655	27.169	31.908	0.126	2.30e-05
120	-0.757	33.933	-0.760	27.279	32.020	0.134	1.50e-04
130	-0.718	34.074	-0.721	27.392	32.130	0.142	6.30e-05
140	-0.553	34.146	-0.557	27.443	32.175	0.148	2.80e-05
150	-0.397	34.211	-0.401	27.489	32.216	0.154	4.70e-05
160	-0.178	34.279	-0.183	27.533	32.254	0.160	4.80e-05
180	0.318	34.418	0.311	27.619	32.324	0.170	2.00e-05
200	0.595	34.480	0.587	27.653	32.349	0.179	2.20e-05
220	0.864	34.544	0.854	27.688	32.375	0.188	8.00e-06
240	1.084	34.592	1.072	27.712	32.393	0.195	7.90e-06
260	1.269	34.633	1.256	27.732	32.408	0.203	4.40e-06
280	1.331	34.652	1.317	27.743	32.417	0.210	3.60e-06
300	1.368	34.666	1.353	27.752	32.425	0.217	1.10e-06
320	1.370	34.672	1.354	27.756	32.429	0.224	1.10e-06
340	1.365	34.674	1.348	27.759	32.432	0.231	2.50e-06
360	1.351	34.679	1.332	27.763	32.437	0.238	1.70e-06
380	1.369	34.684	1.350	27.766	32.439	0.245	2.20e-06
400	1.392	34.691	1.372	27.770	32.442	0.251	8.40e-07
420	1.401	34.694	1.379	27.772	32.444	0.258	5.00e-07
440	1.391	34.696	1.368	27.774	32.447	0.265	2.10e-06
460	1.375	34.700	1.351	27.778	32.452	0.271	5.50e-07
471	1.375	34.701	1.351	27.779	32.452	0.274	3.10e-07



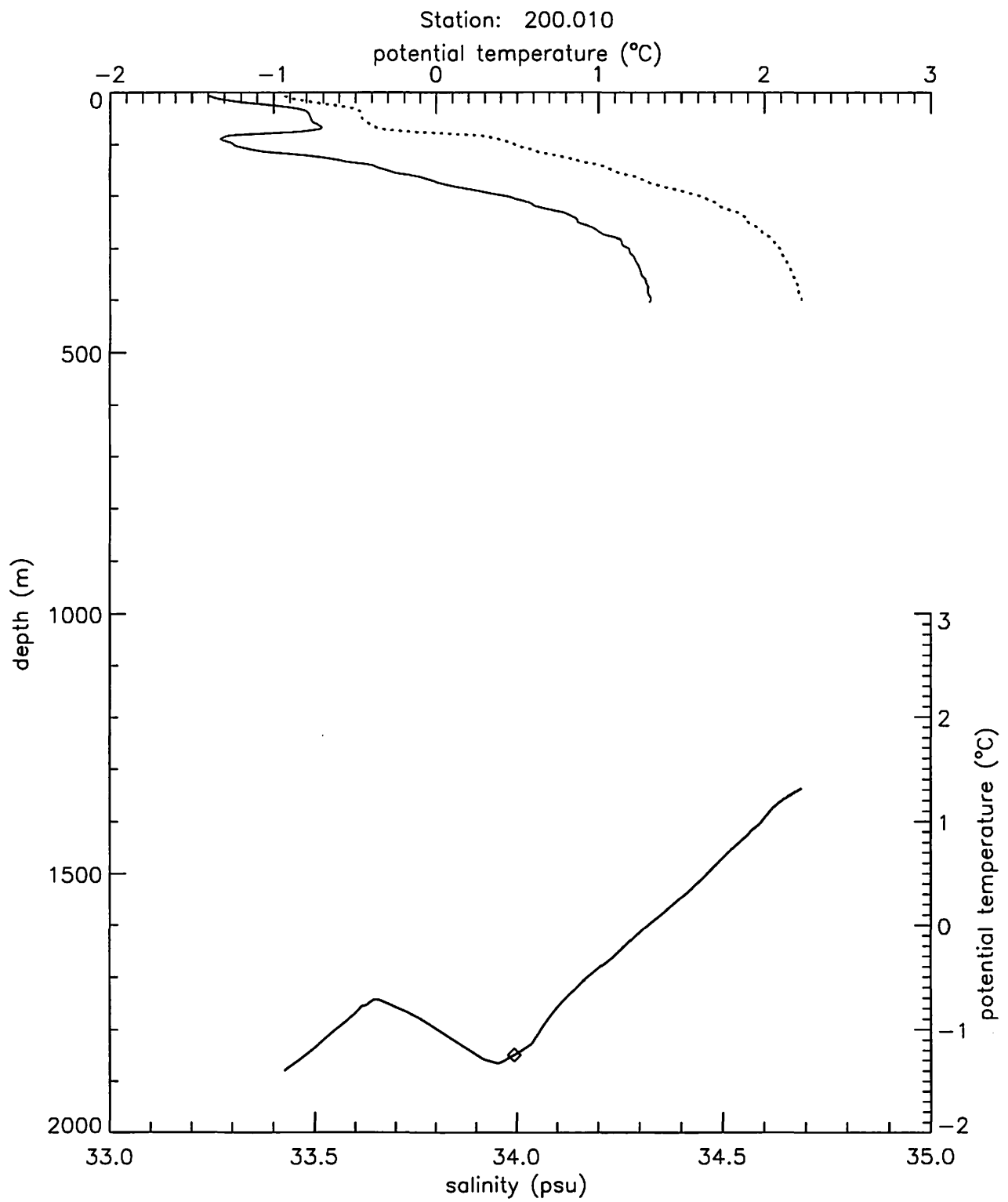
LTER 93b	Station:	200.000 (524)	JulianDay:	113	GMT:	1754
	Latitude:	67° 46.540' S	Longitude:	69° 56.670' W	Depth:	719 m
	Barometer:	967.9 mb	RelHumidity:	99.6%	AirTemp:	-0.7°C
	RH Temp:	-1.8°C	WindSpeed:	11.8 m s ⁻¹	WindDir:	10°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	-1.330	33.435	-1.330	26.896	31.659	0.004	8.40e-06
10	-1.328	33.436	-1.329	26.897	31.659	0.006	4.90e-06
20	-1.285	33.452	-1.285	26.908	31.669	0.017	1.50e-05
30	-1.141	33.503	-1.142	26.945	31.701	0.029	3.80e-05
40	-0.867	33.591	-0.868	27.006	31.753	0.039	1.90e-05
50	-0.726	33.619	-0.727	27.024	31.766	0.050	1.10e-05
60	-0.634	33.648	-0.635	27.044	31.783	0.060	2.30e-05
70	-0.824	33.750	-0.826	27.134	31.878	0.070	1.60e-04
80	-1.156	33.863	-1.158	27.237	31.991	0.079	9.80e-05
90	-1.299	33.954	-1.301	27.316	32.073	0.086	4.30e-05
100	-1.295	33.983	-1.298	27.339	32.096	0.094	1.80e-05
110	-1.208	34.011	-1.211	27.359	32.113	0.101	2.40e-05
120	-1.079	34.053	-1.082	27.389	32.138	0.108	4.00e-05
130	-0.931	34.106	-0.935	27.427	32.171	0.115	2.60e-05
140	-0.766	34.147	-0.770	27.453	32.192	0.121	1.80e-05
150	-0.544	34.203	-0.549	27.488	32.220	0.127	2.70e-05
160	-0.254	34.272	-0.260	27.531	32.254	0.133	4.90e-05
180	0.123	34.369	0.116	27.590	32.301	0.143	1.60e-05
200	0.485	34.458	0.477	27.642	32.341	0.152	9.00e-06
220	0.720	34.512	0.710	27.671	32.363	0.161	1.90e-05
240	0.930	34.560	0.919	27.696	32.382	0.169	9.80e-06
260	1.022	34.585	1.010	27.710	32.393	0.177	9.70e-06
280	1.084	34.602	1.070	27.720	32.401	0.185	2.60e-06
300	1.185	34.628	1.171	27.734	32.413	0.192	7.10e-06
320	1.245	34.642	1.229	27.741	32.418	0.199	1.50e-06
340	1.304	34.659	1.287	27.751	32.425	0.206	3.00e-06
360	1.331	34.665	1.313	27.754	32.428	0.213	3.50e-07
380	1.351	34.669	1.332	27.756	32.429	0.220	1.30e-06
400	1.360	34.676	1.340	27.760	32.434	0.227	2.80e-06
420	1.366	34.681	1.345	27.764	32.437	0.234	1.70e-06
440	1.367	34.684	1.345	27.766	32.440	0.241	2.70e-07
460	1.331	34.686	1.308	27.770	32.445	0.248	7.40e-07
480	1.320	34.688	1.295	27.772	32.447	0.254	6.20e-07
500	1.354	34.694	1.328	27.776	32.450	0.261	1.10e-06
550	1.351	34.699	1.322	27.780	32.454	0.278	1.60e-06
600	1.340	34.703	1.309	27.783	32.458	0.294	-1.10e-07
650	1.341	34.703	1.306	27.783	32.459	0.310	1.40e-07
700	1.336	34.704	1.298	27.784	32.460	0.327	8.50e-07
709	1.335	34.704	1.297	27.785	32.460	0.329	1.60e-06



LTER 93b	Station:	200.010 (532)	JulianDay:	113	GMT:	2321
	Latitude:	67° 42.470' S	Longitude:	70° 6.400' W	Depth:	422 m
	Barometer:	966.5 mb	RelHumidity:	94.3%	AirTemp:	-0.9°C
	RH Temp:	-2.6°C	WindSpeed:	9.2 m s ⁻¹	WindDir:	3°

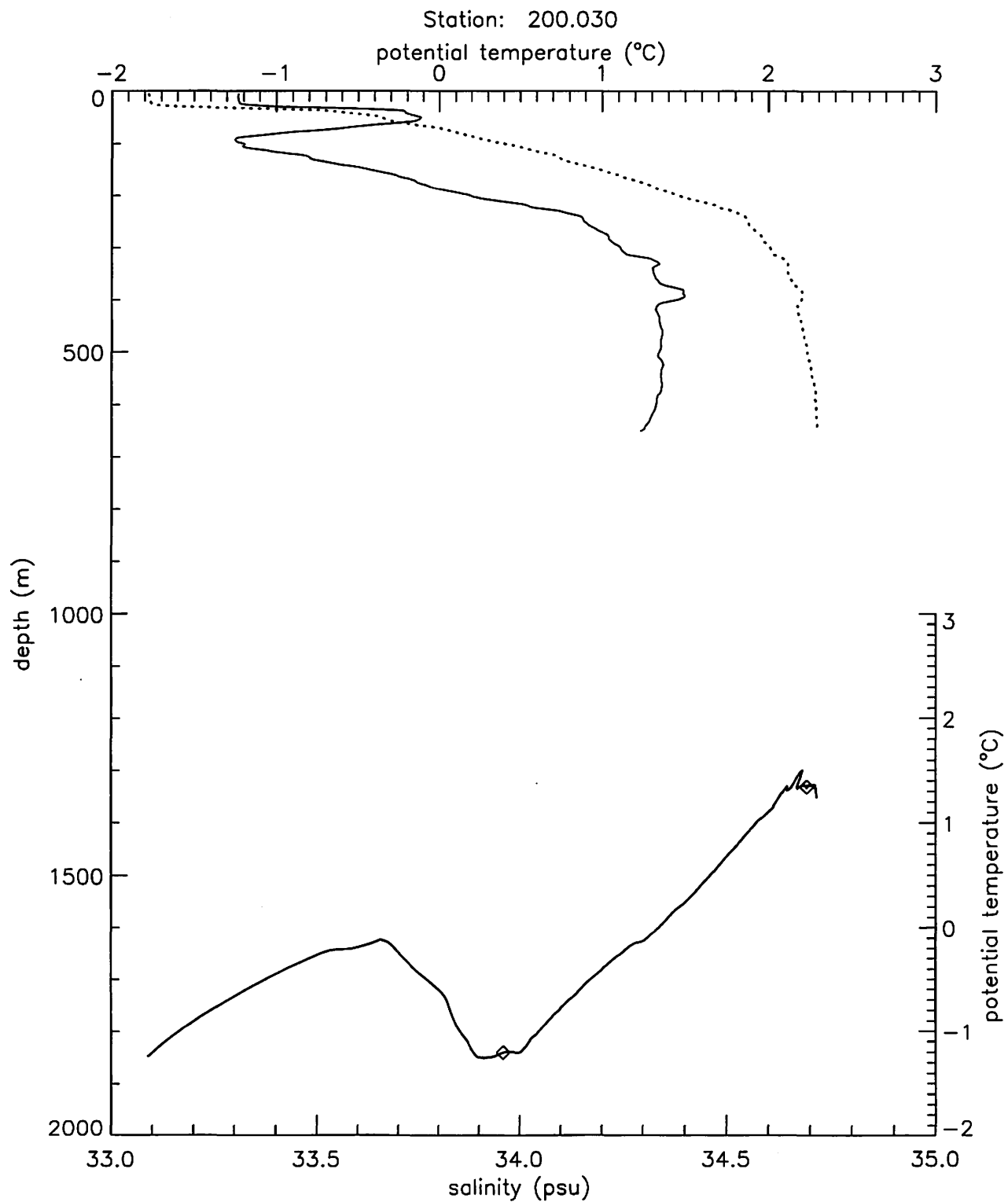
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	-1.394	33.427	-1.395	26.891	31.656	0.004	-3.30e-05
10	-1.367	33.436	-1.367	26.898	31.662	0.006	-1.60e-06
20	-1.146	33.508	-1.147	26.949	31.706	0.017	5.50e-05
30	-0.865	33.593	-0.866	27.008	31.755	0.028	3.80e-05
40	-0.784	33.613	-0.786	27.021	31.765	0.038	4.50e-06
50	-0.769	33.617	-0.771	27.024	31.768	0.048	1.10e-05
60	-0.736	33.635	-0.738	27.037	31.780	0.059	1.30e-05
70	-0.721	33.666	-0.723	27.062	31.804	0.069	8.10e-05
80	-1.140	33.861	-1.142	27.235	31.988	0.078	2.10e-04
90	-1.320	33.956	-1.322	27.318	32.076	0.086	2.90e-05
100	-1.242	33.994	-1.245	27.347	32.102	0.093	1.20e-05
110	-1.133	34.037	-1.136	27.378	32.129	0.100	2.20e-05
120	-0.847	34.087	-0.850	27.408	32.150	0.107	3.70e-05
130	-0.601	34.146	-0.604	27.445	32.179	0.114	3.00e-05
140	-0.393	34.206	-0.397	27.485	32.212	0.120	3.40e-05
150	-0.299	34.238	-0.304	27.506	32.230	0.126	1.80e-05
160	-0.139	34.280	-0.144	27.532	32.251	0.131	3.30e-05
180	0.097	34.349	0.091	27.575	32.287	0.142	2.40e-05
200	0.447	34.448	0.439	27.636	32.336	0.151	2.30e-05
220	0.632	34.493	0.623	27.661	32.356	0.160	1.40e-05
240	0.860	34.554	0.849	27.696	32.384	0.168	1.30e-05
260	0.973	34.584	0.961	27.713	32.397	0.176	1.20e-05
280	1.129	34.617	1.115	27.729	32.409	0.184	9.80e-06
300	1.201	34.637	1.186	27.740	32.418	0.191	5.90e-06
320	1.235	34.649	1.219	27.747	32.424	0.198	4.10e-06
340	1.268	34.663	1.251	27.756	32.432	0.205	3.50e-06
360	1.303	34.675	1.285	27.763	32.438	0.212	2.90e-06
380	1.317	34.682	1.298	27.768	32.443	0.219	-5.90e-07
399	1.337	34.689	1.317	27.772	32.446	0.224	2.60e-06



LTER 93b	Station:	200.030 (540)	JulianDay:	114	GMT:	0617
	Latitude:	67° 34.710' S	Longitude:	70° 25.660' W	Depth:	676 m
	Barometer:	-999.0 mb	RelHumidity:	-999.0%	AirTemp:	-999.0°C
	RH Temp:	-999.0°C	WindSpeed:	-999.0 m s ⁻¹	WindDir:	-999°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
6	-1.231	33.089	-1.231	26.612	31.374	0.021	3.40e-06
10	-1.232	33.093	-1.232	26.615	31.378	0.024	7.60e-07
20	-1.227	33.094	-1.227	26.616	31.378	0.039	1.80e-06
30	-0.968	33.175	-0.969	26.673	31.427	0.053	3.00e-04
40	-0.212	33.554	-0.213	26.949	31.676	0.065	8.70e-05
50	-0.113	33.655	-0.115	27.026	31.749	0.075	3.10e-05
60	-0.226	33.698	-0.228	27.066	31.792	0.086	8.30e-05
70	-0.575	33.793	-0.577	27.159	31.895	0.095	7.30e-05
80	-0.971	33.848	-0.973	27.219	31.967	0.104	4.70e-05
90	-1.243	33.899	-1.245	27.269	32.025	0.112	3.30e-05
100	-1.197	33.960	-1.200	27.317	32.071	0.120	5.50e-05
110	-1.134	34.017	-1.137	27.361	32.113	0.127	2.30e-05
120	-0.895	34.071	-0.898	27.397	32.140	0.134	3.40e-05
130	-0.776	34.101	-0.780	27.416	32.156	0.141	1.60e-05
140	-0.613	34.144	-0.618	27.444	32.179	0.147	2.90e-05
150	-0.423	34.196	-0.428	27.478	32.206	0.153	2.30e-05
160	-0.267	34.240	-0.272	27.506	32.230	0.159	2.00e-05
180	-0.070	34.317	-0.076	27.559	32.275	0.170	1.20e-05
200	0.202	34.386	0.194	27.600	32.308	0.180	1.80e-05
220	0.559	34.474	0.549	27.650	32.347	0.189	8.70e-06
240	0.880	34.543	0.869	27.686	32.373	0.198	6.40e-06
260	0.950	34.558	0.938	27.694	32.379	0.206	6.20e-06
280	1.052	34.583	1.039	27.706	32.389	0.214	2.00e-06
300	1.126	34.604	1.111	27.719	32.399	0.221	2.50e-06
320	1.306	34.635	1.290	27.731	32.406	0.229	5.90e-06
340	1.324	34.645	1.307	27.738	32.413	0.236	-1.90e-07
360	1.347	34.653	1.329	27.743	32.417	0.243	2.30e-06
380	1.507	34.678	1.487	27.751	32.420	0.250	6.50e-06
400	1.464	34.678	1.444	27.754	32.425	0.257	4.60e-06
420	1.347	34.669	1.326	27.756	32.430	0.264	-1.20e-07
440	1.370	34.677	1.347	27.761	32.434	0.271	1.50e-06
460	1.389	34.684	1.366	27.764	32.437	0.278	9.10e-07
480	1.378	34.687	1.353	27.768	32.441	0.285	2.90e-06
500	1.370	34.693	1.344	27.773	32.447	0.292	1.10e-06
550	1.385	34.705	1.356	27.782	32.455	0.308	1.30e-06
600	1.360	34.714	1.328	27.791	32.465	0.325	1.50e-06
647	1.291	34.716	1.257	27.797	32.474	0.339	6.20e-06

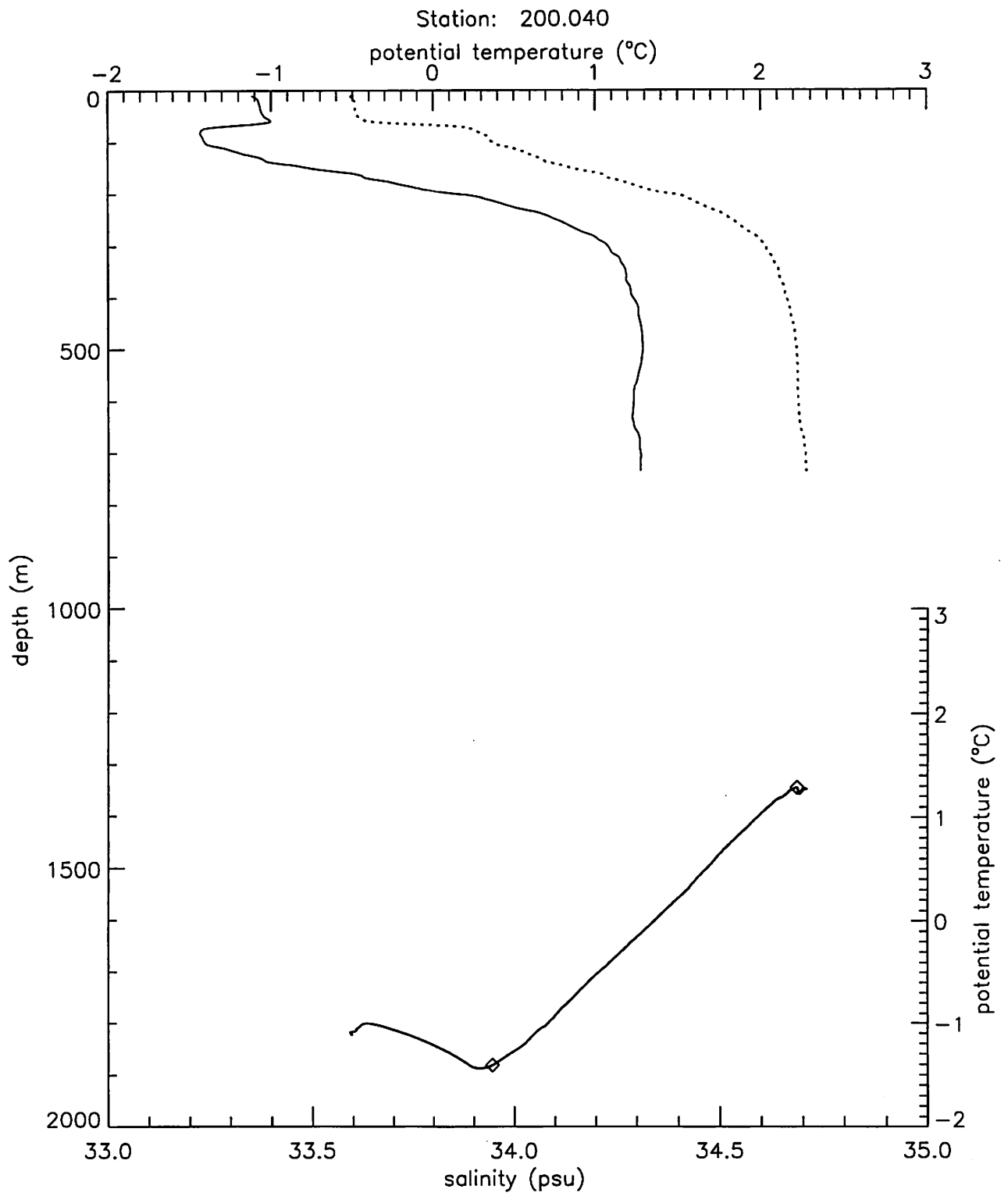
CTD salinity 34.716, Autosal salinity 34.716 at 650 m



LTER 93b	Station:	200.040 (541)	JulianDay:	114	GMT:	0803
	Latitude:	67° 30.750' S	Longitude:	70° 35.140' W	Depth:	730 m
	Barometer:	-999.0 mb	RelHumidity:	-999.0%	AirTemp:	-999.0°C
	RH Temp:	-999.0°C	WindSpeed:	-999.0 m s ⁻¹	WindDir:	-999°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
10	-1.115	33.598	-1.116	27.021	31.776	0.007	-6.60e-05
20	-1.078	33.604	-1.079	27.025	31.778	0.015	1.40e-05
30	-1.068	33.606	-1.069	27.026	31.779	0.026	7.20e-07
40	-1.060	33.607	-1.061	27.026	31.779	0.036	1.30e-06
50	-1.040	33.613	-1.042	27.030	31.783	0.046	5.70e-06
60	-1.003	33.641	-1.004	27.052	31.803	0.057	5.20e-05
70	-1.323	33.856	-1.324	27.237	31.996	0.066	1.70e-04
80	-1.430	33.909	-1.432	27.284	32.046	0.074	1.40e-05
90	-1.418	33.936	-1.420	27.305	32.066	0.081	1.00e-05
100	-1.401	33.946	-1.403	27.313	32.073	0.089	8.40e-06
110	-1.303	33.985	-1.306	27.342	32.099	0.096	4.10e-05
120	-1.191	34.028	-1.194	27.372	32.125	0.104	2.10e-05
130	-1.063	34.060	-1.067	27.394	32.143	0.110	2.30e-05
140	-0.970	34.089	-0.974	27.414	32.160	0.117	2.70e-05
150	-0.759	34.140	-0.764	27.447	32.186	0.124	2.90e-05
160	-0.507	34.203	-0.512	27.487	32.218	0.130	4.40e-05
180	-0.226	34.279	-0.232	27.535	32.257	0.141	1.90e-05
200	0.128	34.373	0.121	27.593	32.304	0.151	3.60e-05
220	0.441	34.451	0.432	27.638	32.339	0.161	1.10e-05
240	0.695	34.509	0.685	27.670	32.363	0.169	1.20e-05
260	0.844	34.547	0.832	27.691	32.380	0.177	8.90e-06
280	0.991	34.584	0.978	27.712	32.396	0.185	1.10e-05
300	1.089	34.610	1.074	27.726	32.407	0.193	4.10e-06
320	1.148	34.626	1.132	27.735	32.414	0.200	6.40e-06
340	1.191	34.639	1.175	27.743	32.421	0.207	5.50e-06
360	1.207	34.645	1.189	27.746	32.424	0.215	2.20e-06
380	1.231	34.656	1.212	27.753	32.431	0.222	2.40e-06
400	1.248	34.661	1.228	27.756	32.433	0.229	1.90e-06
420	1.283	34.669	1.262	27.760	32.436	0.235	1.30e-06
440	1.288	34.674	1.266	27.764	32.439	0.242	2.30e-06
460	1.303	34.680	1.280	27.767	32.443	0.249	1.60e-06
480	1.309	34.683	1.284	27.770	32.445	0.256	6.90e-07
500	1.312	34.686	1.287	27.772	32.447	0.263	5.80e-07
550	1.288	34.688	1.260	27.775	32.451	0.279	4.40e-07
600	1.263	34.690	1.232	27.778	32.455	0.296	4.70e-07
650	1.270	34.694	1.236	27.781	32.458	0.312	2.70e-07
700	1.311	34.706	1.274	27.788	32.464	0.329	7.20e-07
730	1.313	34.708	1.275	27.789	32.466	0.338	-4.20e-07

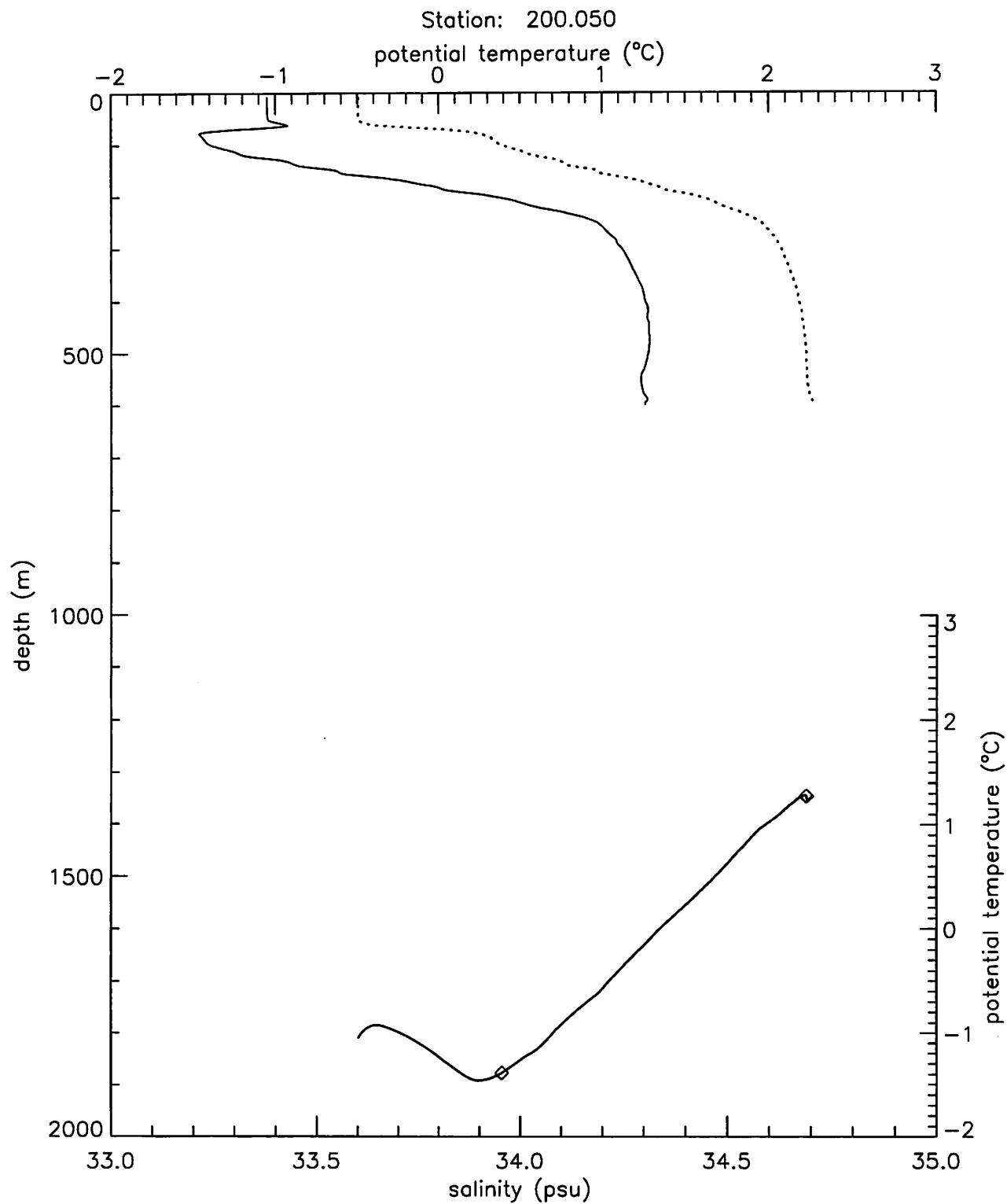
CTD salinity 34.678, Autosal salinity 34.677 at 452 m
CTD salinity 34.707, Autosal salinity 34.708 at 734 m



LTER 93b	Station:	200.050 (549)	JulianDay:	114	GMT:	1237
	Latitude:	67° 26.730' S	Longitude:	70° 44.870' W	Depth:	600 m
	Barometer:	-999.0 mb	RelHumidity:	-999.0%	AirTemp:	-999.0°C
	RH Temp:	-999.0°C	WindSpeed:	-999.0 m s ⁻¹	WindDir:	-999°

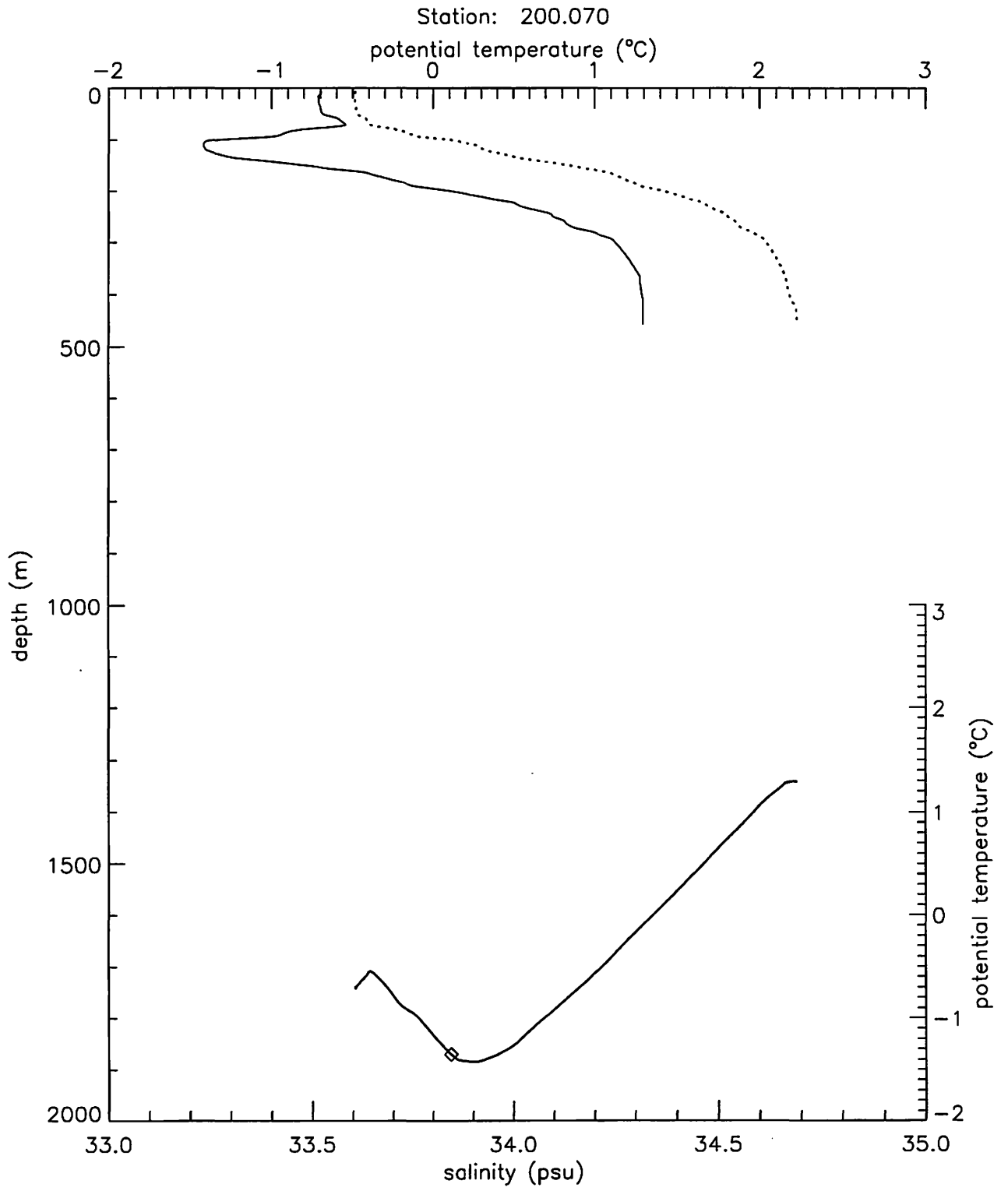
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	-1.052	33.602	-1.052	27.022	31.774	0.002	-1.60e-06
10	-1.050	33.602	-1.050	27.022	31.774	0.003	-1.40e-06
20	-1.046	33.602	-1.047	27.022	31.774	0.013	-1.40e-08
30	-1.048	33.602	-1.048	27.022	31.774	0.024	7.00e-08
40	-1.046	33.602	-1.047	27.022	31.774	0.034	-3.00e-08
50	-1.041	33.602	-1.043	27.022	31.774	0.045	3.70e-07
60	-0.939	33.630	-0.940	27.041	31.790	0.054	3.90e-05
70	-1.259	33.809	-1.261	27.197	31.954	0.063	1.80e-04
80	-1.454	33.907	-1.456	27.283	32.045	0.071	3.20e-05
90	-1.425	33.934	-1.427	27.304	32.065	0.079	9.10e-06
100	-1.384	33.955	-1.387	27.319	32.079	0.087	2.10e-05
110	-1.275	33.995	-1.278	27.348	32.105	0.094	2.80e-05
120	-1.191	34.029	-1.194	27.373	32.126	0.101	3.10e-05
130	-0.952	34.092	-0.955	27.415	32.161	0.108	3.20e-05
140	-0.858	34.116	-0.862	27.432	32.174	0.114	1.60e-05
150	-0.625	34.187	-0.630	27.479	32.214	0.121	3.50e-05
160	-0.462	34.225	-0.467	27.503	32.232	0.126	4.30e-05
180	-0.028	34.331	-0.034	27.568	32.283	0.137	2.50e-05
200	0.348	34.431	0.340	27.628	32.332	0.147	2.70e-05
220	0.607	34.494	0.598	27.664	32.359	0.156	1.50e-05
240	0.904	34.561	0.893	27.699	32.385	0.164	1.30e-05
260	1.021	34.594	1.009	27.718	32.401	0.171	6.60e-06
280	1.089	34.617	1.076	27.731	32.412	0.179	6.10e-06
300	1.136	34.630	1.122	27.739	32.419	0.186	3.70e-06
320	1.174	34.640	1.159	27.745	32.423	0.193	3.70e-06
340	1.205	34.649	1.189	27.749	32.427	0.200	2.30e-06
360	1.238	34.659	1.220	27.755	32.432	0.207	2.50e-06
380	1.266	34.667	1.247	27.760	32.436	0.214	1.20e-06
400	1.281	34.672	1.261	27.763	32.438	0.221	1.80e-06
420	1.298	34.678	1.277	27.766	32.442	0.228	1.10e-06
440	1.305	34.682	1.283	27.769	32.444	0.234	1.30e-06
460	1.306	34.684	1.282	27.771	32.446	0.241	8.10e-07
480	1.309	34.687	1.284	27.773	32.448	0.248	1.10e-06
500	1.302	34.689	1.276	27.775	32.450	0.254	1.20e-06
550	1.262	34.691	1.234	27.779	32.456	0.271	5.30e-07
594	1.288	34.703	1.257	27.787	32.463	0.285	-4.10e-07

CTD salinity 34.703, Autosal salinity 34.701 at 598 m



LTER 93b	Station:	200.070 (555)	JulianDay:	114	GMT:	1700
	Latitude:	67° 18.820' S	Longitude:	71° 3.680' W	Depth:	480 m
	Barometer:	-999.0 mb	RelHumidity:	-999.0%	AirTemp:	-999.0°C
	RH Temp:	-999.0°C	WindSpeed:	-999.0 m s ⁻¹	WindDir:	-999°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
6	-0.697	33.606	-0.697	27.012	31.754	0.003	-1.10e-04
10	-0.698	33.605	-0.698	27.012	31.753	0.006	-4.40e-06
20	-0.710	33.605	-0.711	27.012	31.754	0.015	3.70e-07
30	-0.709	33.606	-0.710	27.012	31.754	0.026	5.10e-07
40	-0.697	33.608	-0.698	27.014	31.755	0.036	4.40e-07
50	-0.684	33.610	-0.686	27.015	31.756	0.047	3.80e-06
60	-0.586	33.633	-0.588	27.030	31.767	0.057	7.50e-06
70	-0.546	33.640	-0.548	27.034	31.770	0.067	1.10e-05
80	-0.812	33.706	-0.814	27.097	31.842	0.077	5.40e-05
90	-0.941	33.748	-0.944	27.136	31.884	0.087	2.60e-05
100	-1.345	33.844	-1.347	27.228	31.988	0.096	1.00e-04
110	-1.416	33.904	-1.418	27.279	32.040	0.104	4.30e-05
120	-1.393	33.931	-1.396	27.300	32.060	0.111	2.70e-05
130	-1.289	33.988	-1.292	27.343	32.100	0.119	3.10e-05
140	-1.055	34.058	-1.058	27.392	32.141	0.126	5.80e-05
150	-0.768	34.142	-0.772	27.449	32.188	0.132	5.10e-05
160	-0.510	34.214	-0.515	27.496	32.227	0.138	5.10e-05
180	-0.217	34.286	-0.223	27.541	32.262	0.149	2.00e-05
200	0.122	34.371	0.114	27.592	32.303	0.160	2.80e-05
220	0.479	34.458	0.470	27.642	32.341	0.169	2.40e-05
240	0.694	34.507	0.684	27.669	32.362	0.178	1.80e-05
260	0.832	34.543	0.820	27.689	32.377	0.186	4.00e-06
280	1.008	34.585	0.995	27.711	32.395	0.194	1.00e-05
300	1.142	34.617	1.128	27.728	32.407	0.202	4.40e-06
320	1.197	34.633	1.182	27.737	32.415	0.209	4.40e-06
340	1.242	34.647	1.225	27.745	32.422	0.216	2.90e-06
360	1.285	34.659	1.267	27.752	32.427	0.223	2.00e-06
380	1.299	34.666	1.280	27.756	32.431	0.230	1.30e-06
400	1.310	34.673	1.290	27.761	32.436	0.237	2.70e-06
420	1.317	34.686	1.295	27.771	32.446	0.244	8.00e-06
440	1.316	34.689	1.294	27.774	32.449	0.250	3.30e-07
453	1.317	34.690	1.294	27.774	32.449	0.254	6.00e-09



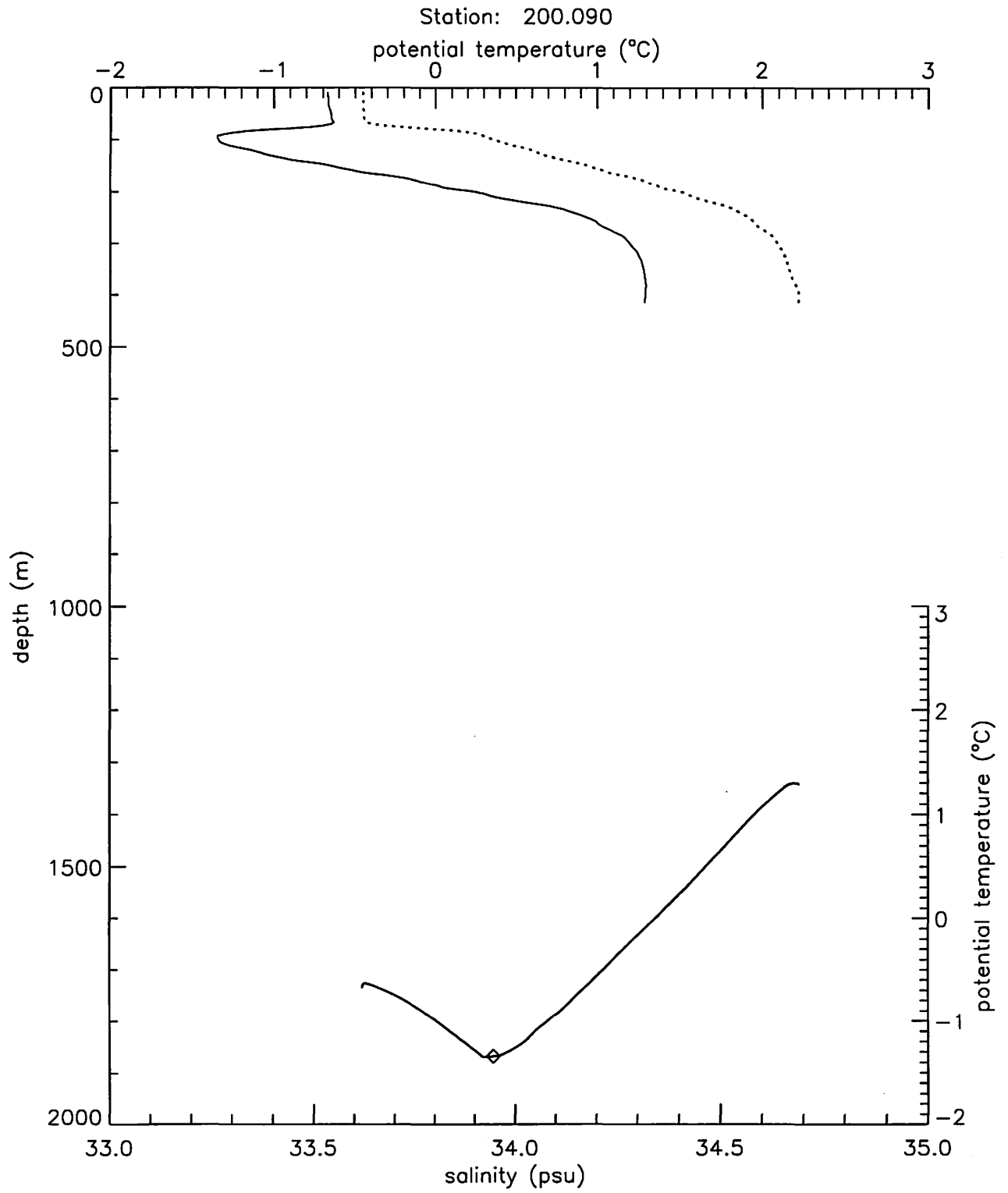
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
9	-0.671	33.618	-0.671	27.021	31.762	0.032	-1.10e-04
10	-0.671	33.619	-0.671	27.021	31.762	0.032	-8.70e-05
20	-0.667	33.620	-0.667	27.022	31.763	0.042	-8.30e-07
30	-0.666	33.620	-0.667	27.022	31.763	0.052	-1.80e-07
40	-0.659	33.620	-0.660	27.022	31.762	0.062	-4.70e-07
50	-0.647	33.621	-0.649	27.022	31.762	0.073	3.90e-07
60	-0.645	33.622	-0.646	27.023	31.763	0.083	6.40e-07
70	-0.648	33.642	-0.650	27.039	31.779	0.093	6.80e-05
80	-0.990	33.802	-0.992	27.182	31.931	0.103	1.90e-04
90	-1.311	33.910	-1.313	27.281	32.039	0.111	3.10e-05
100	-1.336	33.946	-1.338	27.311	32.069	0.119	2.90e-05
110	-1.281	33.988	-1.284	27.343	32.099	0.126	3.60e-05
120	-1.132	34.040	-1.135	27.380	32.131	0.133	1.80e-05
130	-1.015	34.074	-1.018	27.403	32.151	0.140	2.80e-05
140	-0.850	34.125	-0.854	27.439	32.181	0.147	3.60e-05
150	-0.639	34.180	-0.643	27.475	32.210	0.153	2.30e-05
160	-0.486	34.219	-0.491	27.499	32.229	0.159	2.20e-05
180	-0.092	34.318	-0.098	27.561	32.278	0.170	1.60e-05
200	0.262	34.406	0.254	27.613	32.319	0.180	2.60e-05
220	0.574	34.479	0.564	27.654	32.350	0.189	2.40e-05
240	0.870	34.548	0.859	27.691	32.378	0.197	1.10e-05
260	1.017	34.583	1.005	27.709	32.392	0.205	3.50e-06
280	1.139	34.616	1.125	27.727	32.407	0.213	8.80e-06
300	1.216	34.638	1.202	27.740	32.417	0.220	3.70e-06
320	1.266	34.653	1.251	27.748	32.424	0.227	2.60e-06
340	1.293	34.661	1.276	27.753	32.428	0.234	2.50e-06
360	1.307	34.669	1.289	27.759	32.433	0.241	3.30e-06
380	1.317	34.681	1.298	27.767	32.442	0.248	6.10e-06
400	1.314	34.688	1.294	27.773	32.448	0.254	2.50e-07
411	1.313	34.688	1.292	27.774	32.448	0.257	4.90e-06

LTER 93b

Station: 200.090 (561)
 Latitude: 67° 10.880' S
 Barometer: -999.0 mb
 RH Temp: -999.0°C

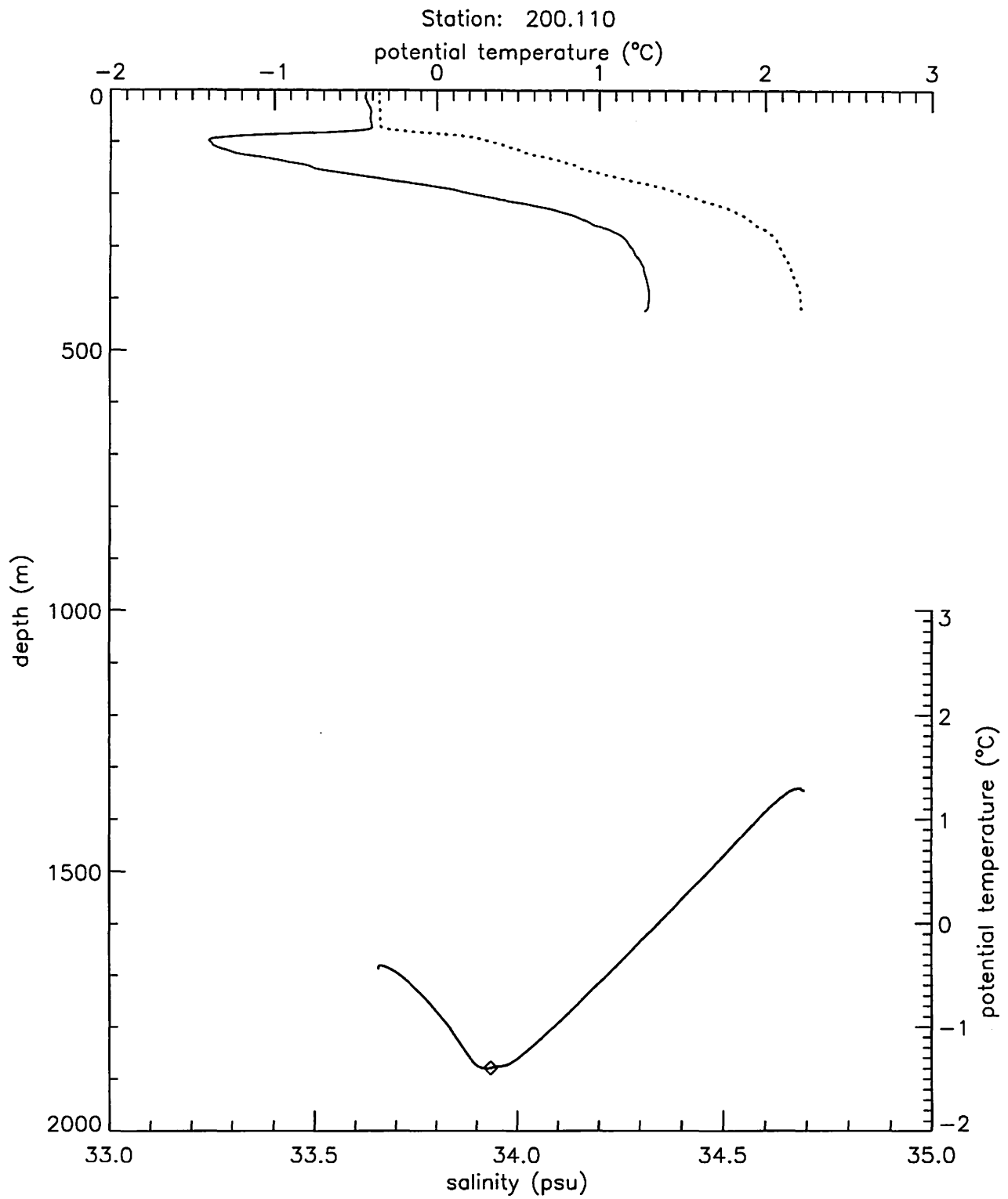
JulianDay: 114
 Longitude: 71° 22.310' W
 RelHumidity: -999.0%
 WindSpeed: -999.0 m s⁻¹

GMT: 2147
 Depth: 420 m
 AirTemp: -999.0°C
 WindDir: -999°



LTER 93b	Station:	200.110 (567)	JulianDay:	115	GMT:	0206
	Latitude:	67° 2.980' S	Longitude:	71° 41.190' W	Depth:	420 m
	Barometer:	-999.0 mb	RelHumidity:	-999.0%	AirTemp:	-999.0°C
	RH Temp:	-999.0°C	WindSpeed:	-999.0 m s ⁻¹	WindDir:	-999°

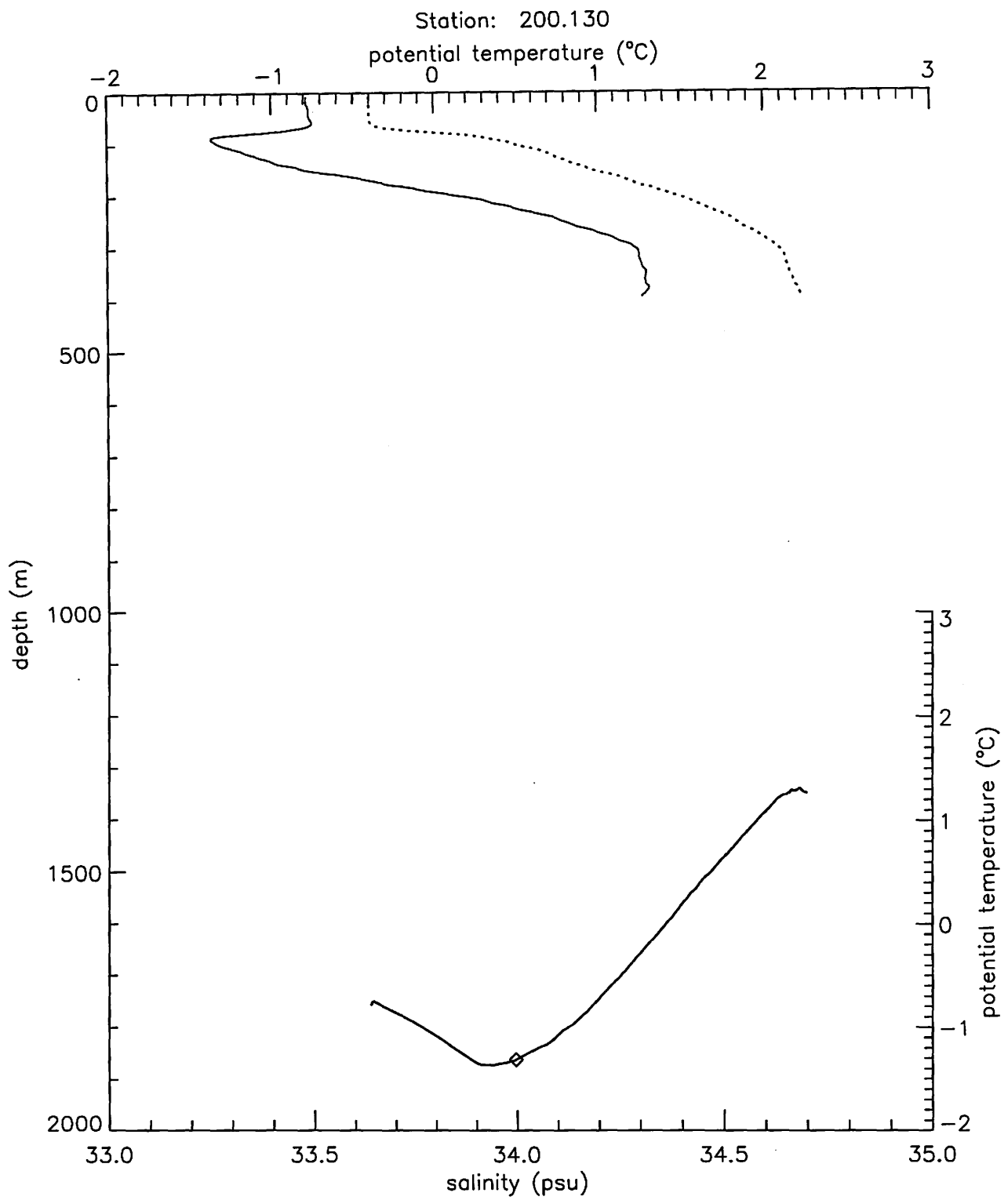
Depth	Temp	Sal	Ptemp	Sigma0	Signal	DynHt	N ²
5	-0.438	33.657	-0.438	27.042	31.775	0.003	3.10e-07
10	-0.441	33.657	-0.442	27.042	31.776	0.006	3.20e-07
20	-0.435	33.657	-0.436	27.042	31.775	0.016	-1.20e-06
30	-0.421	33.657	-0.422	27.042	31.774	0.026	-3.50e-07
40	-0.407	33.658	-0.408	27.042	31.774	0.037	6.40e-07
50	-0.411	33.658	-0.413	27.042	31.775	0.047	3.30e-07
60	-0.411	33.658	-0.412	27.042	31.775	0.057	3.40e-07
70	-0.403	33.659	-0.405	27.043	31.775	0.067	2.10e-06
80	-0.556	33.729	-0.559	27.105	31.842	0.077	1.60e-04
90	-1.260	33.877	-1.262	27.252	32.009	0.086	6.30e-05
100	-1.393	33.935	-1.395	27.303	32.064	0.094	2.50e-05
110	-1.357	33.978	-1.360	27.337	32.096	0.101	3.10e-05
120	-1.256	34.016	-1.259	27.365	32.120	0.108	1.80e-05
130	-1.079	34.067	-1.083	27.400	32.150	0.115	3.70e-05
140	-0.909	34.114	-0.913	27.432	32.176	0.122	2.80e-05
150	-0.764	34.152	-0.769	27.457	32.196	0.128	1.30e-05
160	-0.582	34.198	-0.587	27.487	32.220	0.134	3.40e-05
180	-0.136	34.309	-0.142	27.555	32.274	0.145	3.40e-05
200	0.220	34.396	0.212	27.607	32.314	0.155	2.00e-05
220	0.580	34.483	0.571	27.656	32.353	0.164	1.80e-05
240	0.844	34.545	0.834	27.689	32.378	0.172	1.20e-05
260	0.987	34.578	0.975	27.707	32.391	0.180	9.70e-06
280	1.149	34.618	1.136	27.728	32.408	0.188	7.00e-06
300	1.203	34.633	1.189	27.737	32.415	0.195	4.30e-06
320	1.246	34.647	1.230	27.745	32.422	0.202	5.00e-06
340	1.286	34.661	1.269	27.753	32.429	0.209	2.30e-06
360	1.302	34.669	1.284	27.758	32.433	0.216	3.60e-06
380	1.317	34.680	1.298	27.767	32.441	0.223	3.40e-06
400	1.321	34.684	1.301	27.769	32.444	0.230	6.00e-07
420	1.315	34.686	1.293	27.771	32.446	0.236	2.20e-05
421	1.314	34.686	1.293	27.772	32.446	0.236	2.00e-05



LTER 93b	Station:	200.130 (573)	JulianDay:	115	GMT:	0654
	Latitude:	66° 55.020' S	Longitude:	71° 59.340' W	Depth:	414 m
	Barometer:	966.9 mb	RelHumidity:	89.2%	AirTemp:	-3.1°C
	RH Temp:	-4.6°C	WindSpeed:	9.4 m s ⁻¹	WindDir:	356°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	-0.787	33.639	-0.787	27.043	31.787	0.006	-1.70e-04
10	-0.788	33.639	-0.788	27.043	31.787	0.008	-9.80e-05
20	-0.787	33.639	-0.788	27.042	31.786	0.018	8.30e-08
30	-0.772	33.640	-0.773	27.043	31.786	0.028	1.90e-07
40	-0.772	33.640	-0.773	27.043	31.786	0.038	-1.40e-07
50	-0.763	33.641	-0.764	27.043	31.786	0.048	2.30e-07
60	-0.750	33.645	-0.751	27.046	31.789	0.059	7.90e-06
70	-0.850	33.695	-0.852	27.090	31.836	0.068	8.10e-05
80	-1.194	33.843	-1.196	27.222	31.977	0.078	1.70e-04
90	-1.360	33.942	-1.362	27.308	32.067	0.086	4.90e-05
100	-1.307	33.997	-1.310	27.351	32.108	0.093	2.50e-05
110	-1.202	34.049	-1.205	27.389	32.143	0.100	4.20e-05
120	-1.118	34.087	-1.121	27.418	32.168	0.107	2.10e-05
130	-1.013	34.118	-1.016	27.439	32.186	0.113	2.80e-05
140	-0.907	34.152	-0.911	27.462	32.206	0.119	2.80e-05
150	-0.779	34.185	-0.783	27.484	32.223	0.125	1.60e-05
160	-0.551	34.238	-0.556	27.518	32.249	0.131	3.10e-05
180	-0.234	34.308	-0.240	27.560	32.281	0.142	2.40e-05
200	0.152	34.391	0.145	27.606	32.316	0.152	2.00e-05
220	0.468	34.455	0.459	27.641	32.341	0.161	1.70e-05
240	0.727	34.515	0.716	27.673	32.365	0.169	1.60e-05
260	0.894	34.552	0.882	27.692	32.379	0.178	9.40e-06
280	1.110	34.602	1.096	27.718	32.398	0.185	1.00e-05
300	1.247	34.635	1.232	27.735	32.412	0.193	9.40e-06
320	1.273	34.651	1.257	27.747	32.422	0.200	1.80e-06
340	1.305	34.660	1.288	27.751	32.426	0.207	7.60e-07
360	1.311	34.671	1.293	27.760	32.434	0.214	3.30e-06
380	1.327	34.684	1.308	27.769	32.443	0.221	6.80e-06
387	1.311	34.688	1.292	27.773	32.448	0.223	1.00e-05

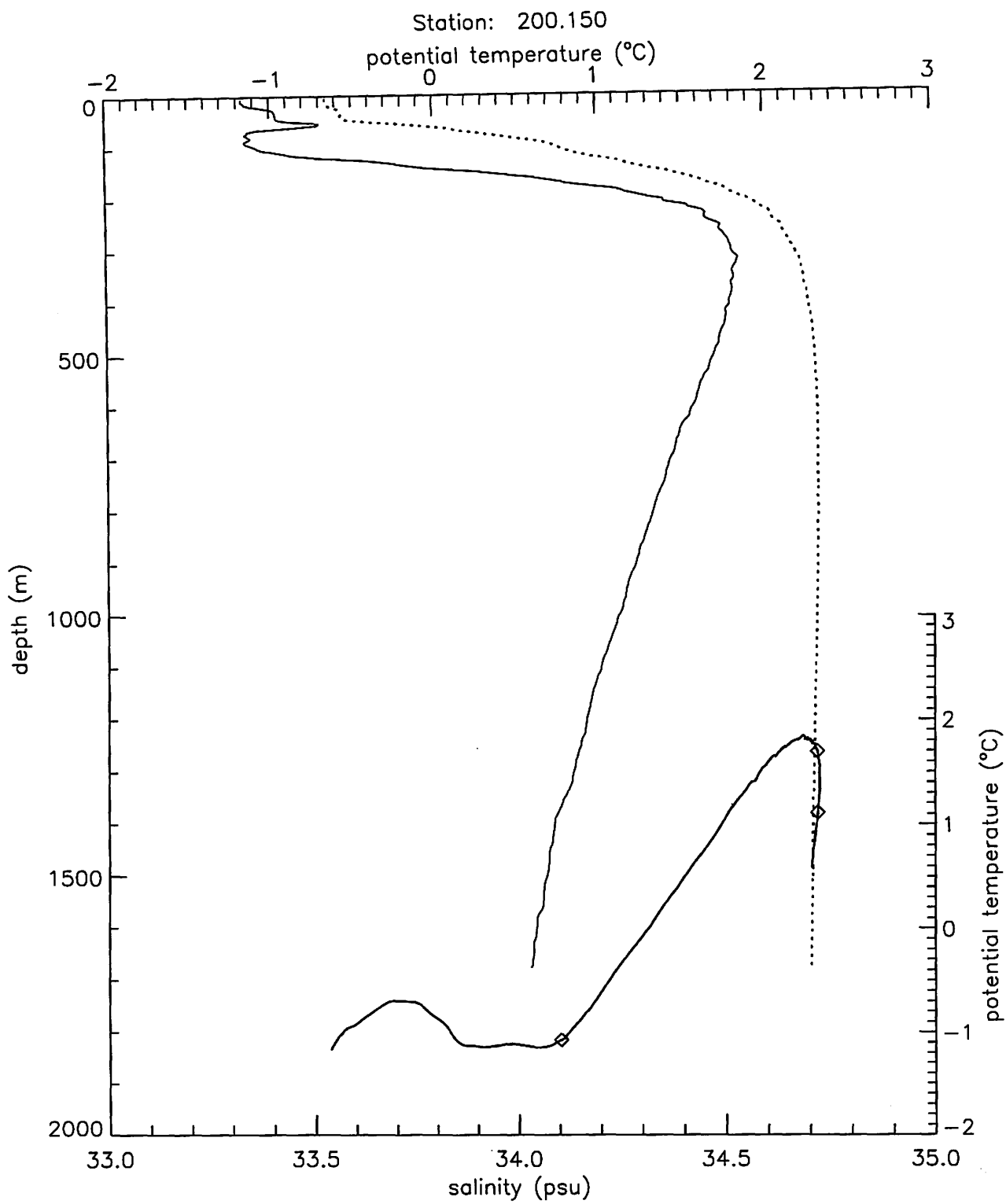
CTD salinity 34.692, Autosal salinity 34.696 at 389 m



LTER 93b	Station:	200.150 (582)	JulianDay:	115	GMT:	1208
	Latitude:	66° 46.760' S	Longitude:	72° 17.190' W	Depth:	1700 m
	Barometer:	967.3 mb	RelHumidity:	70.7%	AirTemp:	-3.9°C
	RH Temp:	-5.6°C	WindSpeed:	11.0 m s ⁻¹	WindDir:	352°

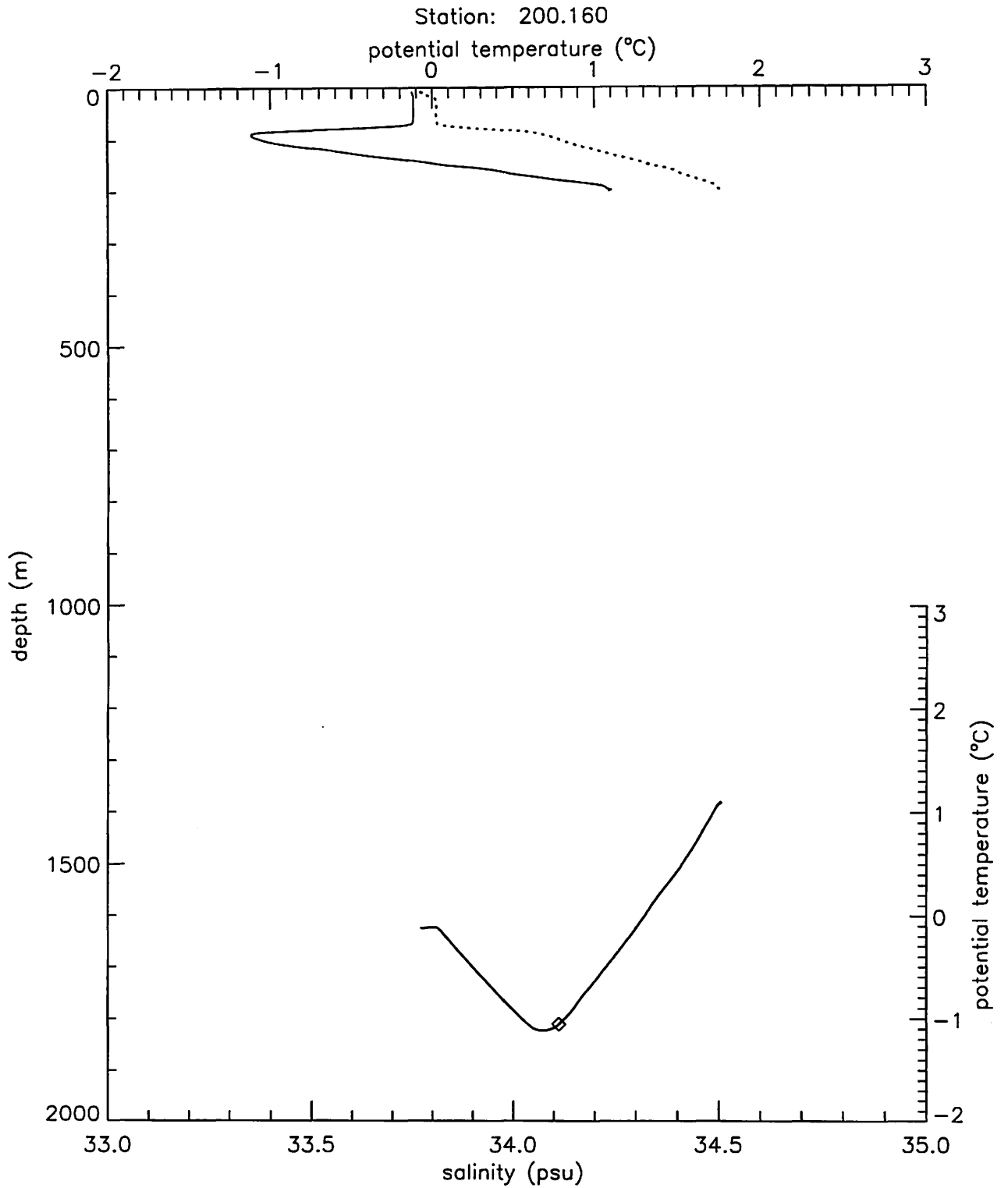
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-1.169	33.537	-1.169	26.974	31.730	0.002	-1.50e-07
10	-1.167	33.537	-1.168	26.974	31.730	0.005	-1.30e-07
20	-1.109	33.545	-1.109	26.978	31.733	0.016	1.10e-05
30	-0.969	33.573	-0.969	26.995	31.746	0.027	7.00e-06
40	-0.960	33.575	-0.961	26.997	31.747	0.038	1.30e-06
50	-0.830	33.629	-0.831	27.036	31.781	0.048	9.30e-05
60	-0.829	33.785	-0.831	27.163	31.907	0.058	1.40e-04
70	-1.127	33.874	-1.129	27.245	31.998	0.066	6.70e-05
80	-1.114	33.970	-1.116	27.322	32.074	0.074	6.00e-05
90	-1.145	34.061	-1.147	27.398	32.149	0.081	4.90e-05
100	-1.075	34.103	-1.077	27.429	32.178	0.088	1.70e-05
110	-0.932	34.137	-0.935	27.451	32.196	0.094	2.20e-05
120	-0.676	34.189	-0.680	27.483	32.219	0.100	3.30e-05
130	-0.278	34.260	-0.282	27.522	32.246	0.106	2.40e-05
140	-0.048	34.305	-0.053	27.548	32.264	0.111	2.60e-05
150	0.344	34.373	0.338	27.581	32.285	0.116	2.60e-05
160	0.620	34.421	0.614	27.604	32.299	0.121	2.30e-05
180	1.056	34.497	1.048	27.637	32.320	0.131	1.10e-05
200	1.342	34.549	1.332	27.659	32.333	0.139	1.10e-05
220	1.569	34.595	1.558	27.680	32.347	0.148	6.20e-06
240	1.663	34.620	1.651	27.693	32.358	0.156	2.60e-06
260	1.748	34.643	1.734	27.705	32.367	0.164	1.40e-06
280	1.796	34.657	1.781	27.713	32.374	0.172	4.80e-06
300	1.821	34.673	1.805	27.723	32.384	0.180	5.00e-06
320	1.857	34.685	1.840	27.730	32.390	0.187	2.50e-06
340	1.828	34.689	1.810	27.736	32.396	0.195	1.60e-06
360	1.830	34.695	1.811	27.741	32.401	0.202	2.10e-06
380	1.828	34.701	1.807	27.746	32.406	0.209	1.20e-06
400	1.811	34.704	1.789	27.749	32.410	0.216	1.70e-06
420	1.792	34.708	1.769	27.754	32.416	0.224	1.70e-06
440	1.787	34.713	1.762	27.758	32.420	0.231	2.80e-06
460	1.761	34.715	1.736	27.762	32.424	0.238	1.60e-06
480	1.750	34.716	1.724	27.764	32.427	0.245	1.80e-06
500	1.723	34.719	1.696	27.768	32.432	0.252	1.80e-06
550	1.650	34.721	1.620	27.776	32.442	0.269	2.40e-06
600	1.595	34.723	1.563	27.781	32.449	0.285	2.10e-06
650	1.520	34.724	1.484	27.787	32.457	0.302	2.40e-07
700	1.466	34.724	1.428	27.791	32.463	0.318	1.00e-06
750	1.422	34.724	1.381	27.794	32.468	0.335	1.40e-06
800	1.365	34.724	1.322	27.798	32.473	0.351	6.00e-07
850	1.316	34.723	1.269	27.801	32.478	0.367	1.00e-06
900	1.266	34.722	1.217	27.804	32.482	0.383	5.70e-07
950	1.212	34.721	1.161	27.806	32.487	0.399	2.80e-07
1000	1.166	34.719	1.112	27.809	32.490	0.414	1.40e-06
1100	1.067	34.716	1.007	27.813	32.498	0.445	3.10e-07
1200	0.985	34.714	0.919	27.816	32.504	0.476	-7.50e-08
1300	0.909	34.711	0.838	27.819	32.510	0.506	8.90e-07
1400	0.799	34.708	0.722	27.823	32.518	0.536	-2.50e-08
1500	0.758	34.706	0.675	27.825	32.521	0.565	5.00e-07
1600	0.700	34.705	0.611	27.827	32.526	0.594	2.70e-07
1671	0.678	34.704	0.584	27.828	32.528	0.614	1.10e-06

CTD salinity 34.707, Autosal salinity 34.710 at 1673 m



LTER 93b	Station:	200.160 (585)	JulianDay:	115	GMT:	1447
	Latitude:	66° 42.800' S	Longitude:	72° 26.450' W	Depth:	3230 m
	Barometer:	968.4 mb	RelHumidity:	88.5%	AirTemp:	-5.4°C
	RH Temp:	-7.3°C	WindSpeed:	9.5 m s ⁻¹	WindDir:	349°

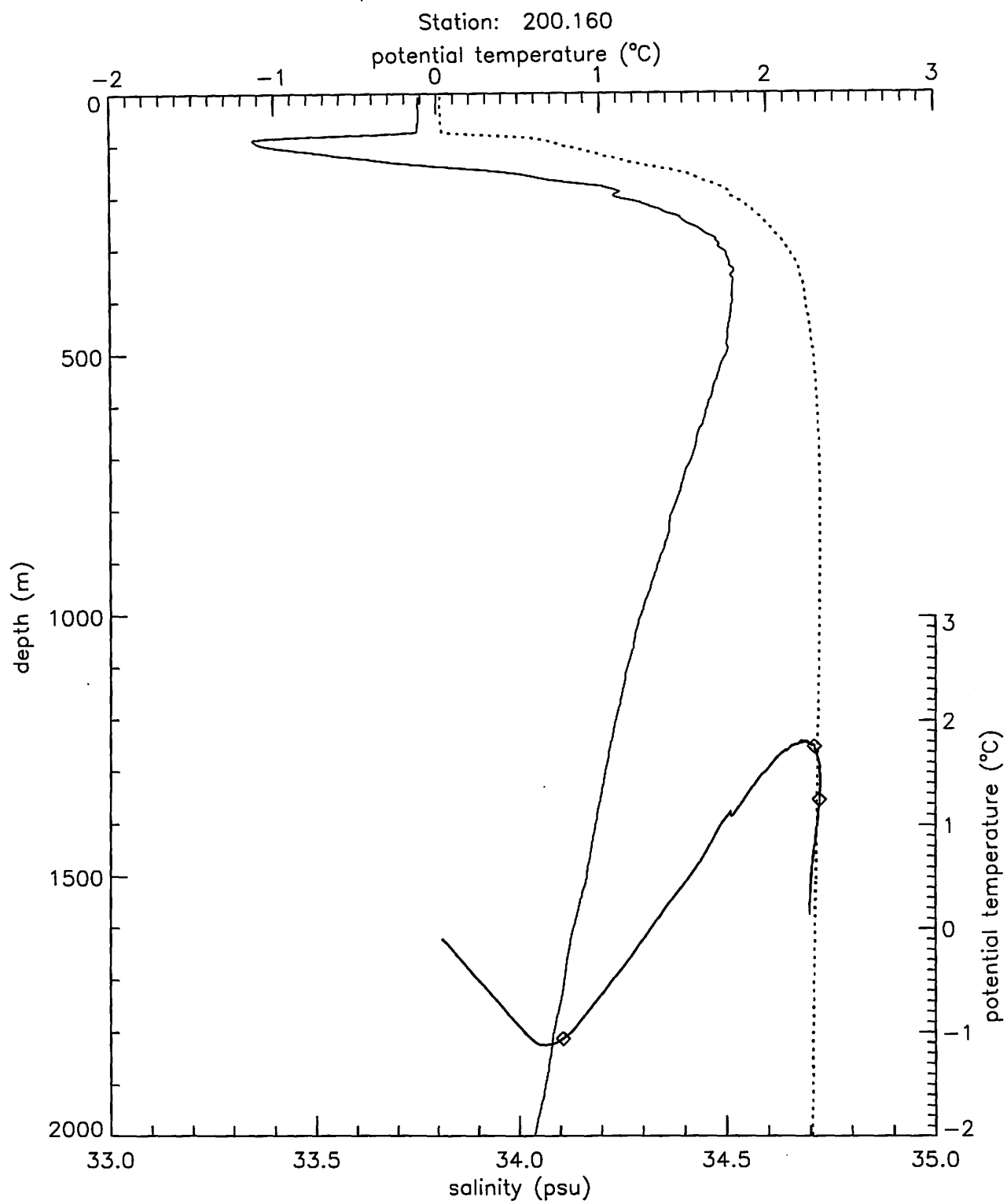
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
8	-0.125	33.770	-0.126	27.120	31.842	0.005	2.10e-05
10	-0.125	33.775	-0.125	27.124	31.846	0.006	1.20e-05
20	-0.115	33.804	-0.115	27.147	31.869	0.014	1.50e-05
30	-0.114	33.810	-0.115	27.151	31.873	0.024	7.60e-07
40	-0.114	33.811	-0.116	27.152	31.874	0.033	-2.20e-07
50	-0.114	33.810	-0.116	27.152	31.874	0.042	-4.10e-07
60	-0.113	33.810	-0.115	27.151	31.873	0.051	1.60e-06
70	-0.125	33.814	-0.127	27.155	31.878	0.060	4.30e-05
80	-0.659	33.937	-0.661	27.278	32.015	0.069	2.00e-04
90	-1.114	34.068	-1.116	27.402	32.152	0.076	3.10e-05
100	-1.050	34.112	-1.053	27.436	32.184	0.082	1.50e-05
110	-0.888	34.150	-0.891	27.460	32.203	0.089	1.90e-05
120	-0.627	34.202	-0.631	27.491	32.226	0.095	2.00e-05
130	-0.416	34.243	-0.421	27.516	32.243	0.100	2.10e-05
140	-0.142	34.295	-0.147	27.545	32.264	0.106	2.40e-05
150	0.100	34.336	0.094	27.565	32.277	0.111	2.40e-05
160	0.406	34.393	0.399	27.594	32.296	0.116	1.60e-05
180	0.822	34.459	0.814	27.622	32.312	0.126	1.20e-05
196	1.084	34.498	1.075	27.636	32.318	0.132	6.30e-06



LTER 93b	Station:	200.160 (586)	JulianDay:	115	GMT:	1646
	Latitude:	66° 42.900' S	Longitude:	72° 26.270' W	Depth:	-999 m
	Barometer:	968.8 mb	RelHumidity:	81.4%	AirTemp:	-6.2°C
	RH Temp:	-7.1°C	WindSpeed:	11.9 m s ⁻¹	WindDir:	0°

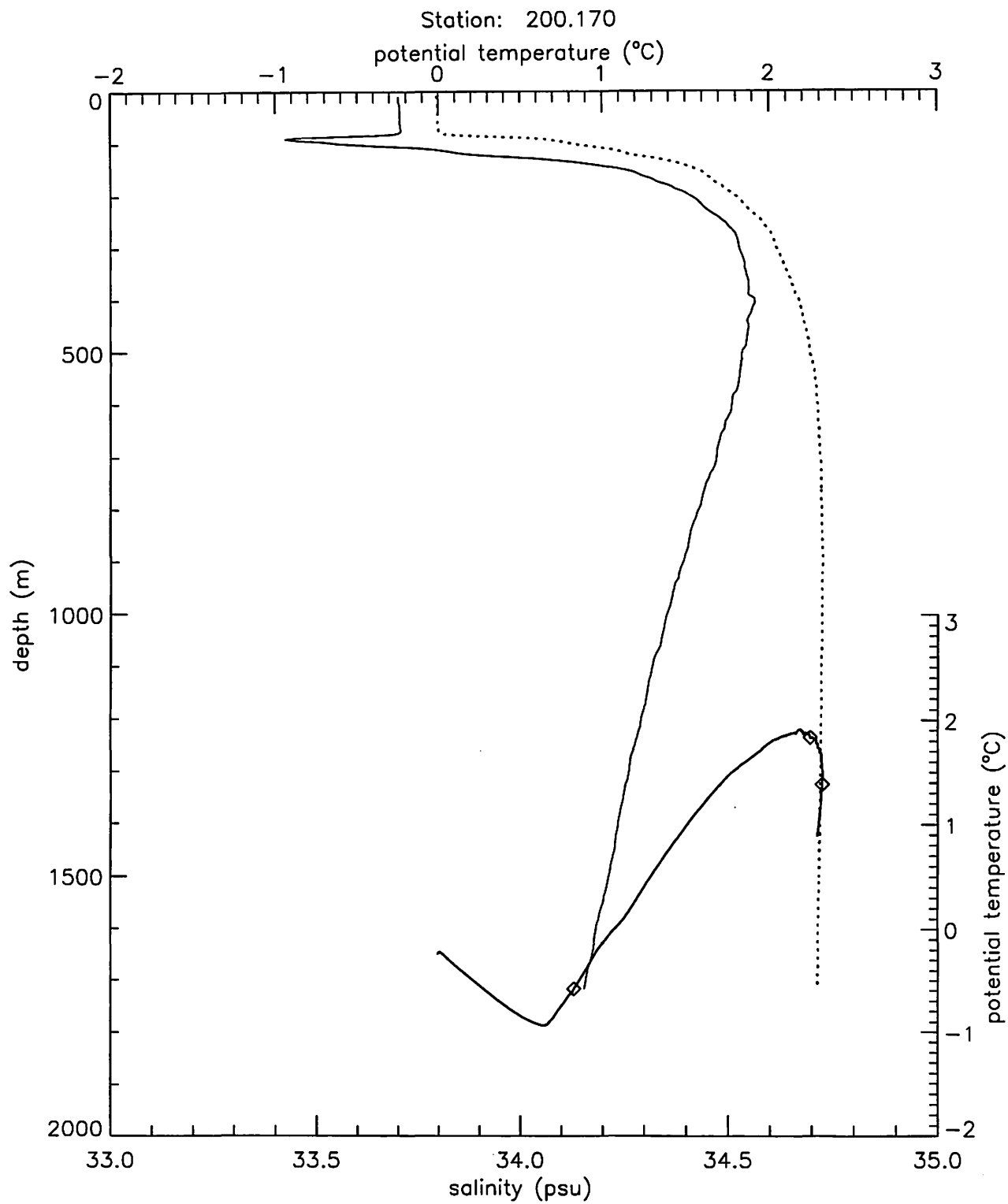
Depth	Temp	Sal	Ptemp	Sigma0	Signal	DynHt	N ²
7	-0.111	33.810	-0.111	27.151	31.873	0.042	2.80e-06
10	-0.110	33.809	-0.111	27.151	31.872	0.043	1.70e-06
20	-0.112	33.809	-0.113	27.151	31.873	0.053	2.10e-07
30	-0.112	33.809	-0.113	27.151	31.873	0.062	2.60e-07
40	-0.110	33.810	-0.112	27.151	31.873	0.071	1.50e-07
50	-0.110	33.810	-0.112	27.151	31.873	0.080	3.00e-07
60	-0.114	33.811	-0.116	27.152	31.874	0.089	7.00e-07
70	-0.115	33.811	-0.117	27.152	31.875	0.098	2.10e-06
80	-0.462	33.891	-0.464	27.233	31.965	0.107	2.70e-04
90	-1.120	34.057	-1.123	27.393	32.144	0.114	4.30e-05
100	-1.059	34.107	-1.062	27.432	32.180	0.121	2.90e-05
110	-0.835	34.160	-0.839	27.466	32.207	0.127	2.70e-05
120	-0.603	34.207	-0.607	27.494	32.228	0.133	2.90e-05
130	-0.330	34.260	-0.335	27.525	32.250	0.139	2.30e-05
140	0.004	34.319	-0.001	27.557	32.271	0.144	3.00e-05
150	0.381	34.388	0.375	27.591	32.294	0.149	2.80e-05
160	0.601	34.428	0.595	27.611	32.307	0.154	1.20e-05
180	1.044	34.493	1.036	27.635	32.317	0.163	1.30e-05
200	1.119	34.519	1.110	27.651	32.332	0.172	8.60e-06
220	1.348	34.559	1.338	27.667	32.341	0.181	7.60e-06
240	1.500	34.588	1.488	27.679	32.349	0.189	6.00e-06
260	1.614	34.612	1.601	27.690	32.357	0.198	5.00e-06
280	1.707	34.635	1.693	27.702	32.365	0.206	3.60e-06
300	1.755	34.652	1.739	27.712	32.374	0.214	3.40e-06
320	1.789	34.667	1.772	27.721	32.382	0.221	5.90e-06
340	1.822	34.680	1.804	27.729	32.390	0.229	3.60e-06
360	1.817	34.686	1.797	27.734	32.395	0.236	7.60e-07
380	1.812	34.690	1.792	27.738	32.399	0.244	8.50e-07
400	1.815	34.693	1.793	27.740	32.401	0.251	2.30e-06
420	1.807	34.696	1.784	27.744	32.405	0.259	3.00e-06
440	1.796	34.700	1.772	27.747	32.409	0.266	2.30e-06
460	1.788	34.703	1.763	27.751	32.413	0.273	8.30e-07
480	1.783	34.706	1.756	27.753	32.415	0.280	1.70e-06
500	1.780	34.710	1.752	27.757	32.419	0.287	2.60e-06
550	1.720	34.715	1.690	27.765	32.429	0.304	2.30e-06
600	1.673	34.718	1.640	27.771	32.437	0.322	1.90e-06
650	1.617	34.721	1.582	27.778	32.445	0.339	1.30e-06
700	1.582	34.723	1.543	27.782	32.451	0.356	1.50e-06
750	1.523	34.724	1.481	27.787	32.457	0.372	-8.10e-08
800	1.472	34.723	1.428	27.790	32.463	0.389	1.30e-06
850	1.446	34.724	1.399	27.792	32.466	0.406	8.60e-07
900	1.392	34.724	1.342	27.796	32.471	0.422	1.50e-06
950	1.346	34.723	1.294	27.799	32.476	0.438	1.00e-06
1000	1.294	34.722	1.238	27.802	32.481	0.454	1.30e-06
1100	1.217	34.721	1.156	27.806	32.487	0.486	9.00e-07
1200	1.154	34.719	1.087	27.809	32.492	0.518	1.20e-06
1300	1.097	34.717	1.023	27.812	32.497	0.550	7.80e-08
1400	1.045	34.715	0.965	27.814	32.501	0.581	6.10e-07
1500	0.995	34.714	0.909	27.816	32.505	0.613	4.40e-07
1600	0.920	34.711	0.828	27.819	32.511	0.644	9.10e-07
1700	0.873	34.709	0.773	27.820	32.515	0.675	4.40e-07
1800	0.815	34.707	0.709	27.822	32.519	0.705	5.00e-07
1900	0.772	34.706	0.659	27.824	32.523	0.735	4.80e-07
2000	0.712	34.705	0.592	27.827	32.527	0.765	2.20e-07
2200	0.607	34.702	0.474	27.831	32.536	0.824	1.40e-07
2400	0.506	34.701	0.358	27.836	32.545	0.882	4.10e-07
2600	0.441	34.700	0.278	27.839	32.551	0.937	8.60e-08
2800	0.394	34.699	0.215	27.842	32.556	0.992	1.10e-07
3000	0.371	34.699	0.174	27.843	32.560	1.046	5.00e-07
3188	0.349	34.699	0.136	27.844	32.563	1.096	-8.10e-07

CTD salinity 34.699, Autosal salinity 34.698 at 3190 m



LTER 93b	Station:	200.170 (591)	JulianDay:	115	GMT:	2115
	Latitude:	66° 38.720' S	Longitude:	72° 35.470' W	Depth:	-999 m
	Barometer:	969.5 mb	RelHumidity:	70.9%	AirTemp:	-7.1°C
	RH Temp:	-8.0°C	WindSpeed:	7.9 m s ⁻¹	WindDir:	5°

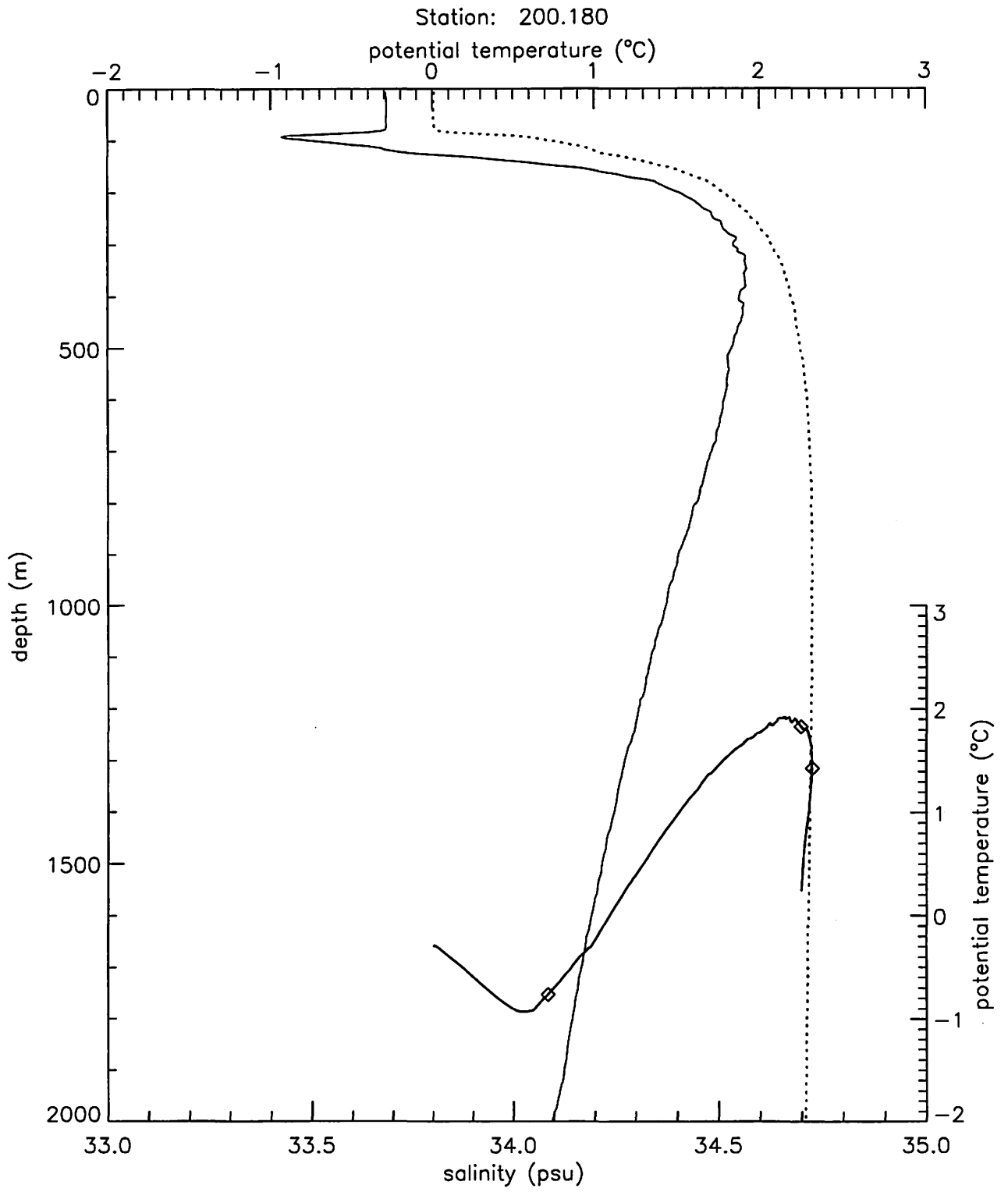
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
9	-0.244	33.795	-0.244	27.146	31.872	0.003	4.40e-04
10	-0.244	33.796	-0.244	27.146	31.872	0.004	3.50e-04
20	-0.244	33.798	-0.245	27.148	31.874	0.012	-2.10e-07
30	-0.237	33.798	-0.238	27.148	31.874	0.021	1.30e-07
40	-0.234	33.799	-0.235	27.148	31.874	0.030	7.30e-08
50	-0.234	33.799	-0.235	27.148	31.874	0.040	2.00e-07
60	-0.233	33.799	-0.235	27.148	31.873	0.049	-8.80e-08
70	-0.228	33.800	-0.230	27.149	31.874	0.058	2.30e-06
80	-0.254	33.811	-0.257	27.159	31.885	0.067	2.60e-05
90	-0.930	34.052	-0.933	27.382	32.127	0.075	1.90e-04
100	-0.581	34.130	-0.584	27.431	32.165	0.082	2.40e-05
110	-0.040	34.219	-0.044	27.477	32.194	0.088	3.90e-05
120	0.203	34.268	0.198	27.504	32.213	0.094	2.00e-05
130	0.676	34.345	0.671	27.539	32.234	0.099	3.10e-05
140	0.963	34.396	0.957	27.562	32.248	0.105	1.80e-05
150	1.151	34.432	1.144	27.578	32.259	0.110	1.60e-05
160	1.245	34.450	1.238	27.587	32.265	0.115	7.10e-06
180	1.418	34.488	1.409	27.605	32.277	0.125	9.60e-06
200	1.543	34.521	1.533	27.622	32.291	0.134	8.00e-06
220	1.620	34.545	1.608	27.636	32.302	0.144	5.90e-06
240	1.711	34.574	1.699	27.653	32.317	0.153	8.30e-06
260	1.781	34.594	1.767	27.664	32.325	0.161	5.50e-06
280	1.823	34.609	1.808	27.672	32.333	0.170	3.50e-06
300	1.838	34.618	1.822	27.679	32.339	0.179	3.60e-06
320	1.864	34.631	1.846	27.686	32.346	0.187	4.00e-06
340	1.879	34.641	1.860	27.693	32.353	0.195	2.80e-06
360	1.895	34.651	1.875	27.701	32.359	0.203	2.50e-06
380	1.898	34.661	1.877	27.708	32.366	0.211	2.30e-06
400	1.936	34.672	1.913	27.714	32.372	0.219	3.90e-06
420	1.916	34.678	1.893	27.721	32.379	0.227	2.90e-06
440	1.894	34.682	1.869	27.726	32.384	0.235	2.30e-06
460	1.897	34.689	1.871	27.731	32.390	0.242	2.80e-06
480	1.889	34.694	1.862	27.735	32.394	0.250	1.50e-06
500	1.863	34.697	1.835	27.739	32.399	0.258	2.10e-06
550	1.846	34.708	1.816	27.750	32.411	0.276	2.10e-06
600	1.807	34.714	1.773	27.758	32.420	0.294	1.80e-06
650	1.752	34.717	1.716	27.764	32.428	0.312	1.40e-06
700	1.722	34.722	1.683	27.770	32.435	0.330	1.80e-06
750	1.660	34.723	1.618	27.776	32.443	0.347	9.70e-07
800	1.616	34.724	1.571	27.780	32.449	0.364	1.50e-06
850	1.571	34.725	1.522	27.785	32.455	0.381	5.90e-07
900	1.531	34.726	1.480	27.788	32.459	0.398	1.40e-06
950	1.481	34.724	1.428	27.790	32.463	0.415	8.80e-07
1000	1.442	34.725	1.385	27.794	32.468	0.432	1.00e-06
1100	1.360	34.722	1.297	27.798	32.475	0.465	9.10e-07
1200	1.299	34.722	1.231	27.802	32.481	0.498	3.20e-07
1300	1.232	34.721	1.157	27.805	32.487	0.531	4.00e-07
1400	1.173	34.719	1.091	27.808	32.492	0.563	1.20e-07
1500	1.123	34.717	1.035	27.810	32.496	0.596	7.90e-07
1600	1.053	34.715	0.959	27.813	32.502	0.628	2.20e-07
1700	0.997	34.713	0.897	27.815	32.506	0.660	8.50e-08
1713	0.992	34.713	0.891	27.815	32.507	0.663	1.70e-06



LTER 93b	Station:	200.180 (592)	JulianDay:	115	GMT:	2352
	Latitude:	66° 34.950' S	Longitude:	72° 44.180' W	Depth:	-999 m
	Barometer:	969.3 mb	RelHumidity:	57.7%	AirTemp:	-6.4°C
	RH Temp:	-7.8°C	WindSpeed:	6.6 m s ⁻¹	WindDir:	356°

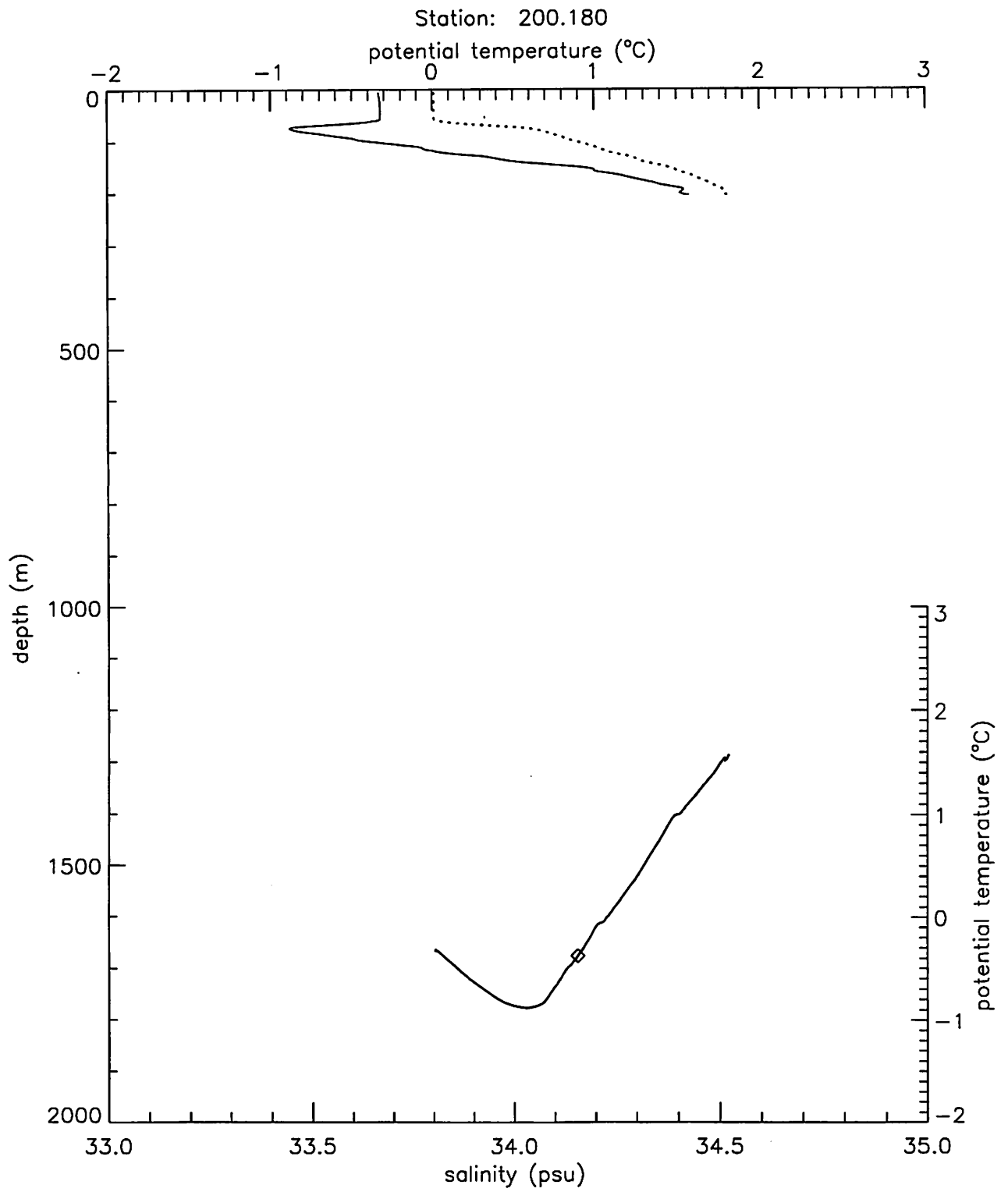
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
6	-0.291	33.804	-0.291	27.155	31.882	0.002	-1.00e-05
10	-0.291	33.803	-0.291	27.154	31.881	0.005	-3.40e-07
20	-0.287	33.802	-0.287	27.153	31.881	0.014	-1.00e-07
30	-0.285	33.802	-0.286	27.153	31.880	0.023	-8.90e-08
40	-0.284	33.802	-0.286	27.153	31.880	0.032	2.90e-08
50	-0.285	33.802	-0.287	27.153	31.881	0.041	2.40e-07
60	-0.287	33.802	-0.289	27.153	31.881	0.050	2.00e-07
70	-0.286	33.803	-0.288	27.154	31.881	0.059	2.30e-06
80	-0.298	33.810	-0.301	27.160	31.888	0.068	5.40e-05
90	-0.827	33.971	-0.829	27.312	32.055	0.077	1.70e-04
100	-0.762	34.085	-0.765	27.402	32.142	0.084	3.60e-05
110	-0.434	34.155	-0.438	27.445	32.174	0.090	4.00e-05
120	-0.244	34.199	-0.248	27.472	32.195	0.096	1.40e-05
130	0.136	34.256	0.131	27.498	32.209	0.102	2.90e-05
140	0.496	34.316	0.490	27.527	32.227	0.108	2.40e-05
150	0.795	34.366	0.789	27.549	32.240	0.114	2.50e-05
160	1.030	34.409	1.023	27.568	32.252	0.119	1.50e-05
180	1.383	34.477	1.375	27.599	32.272	0.129	1.60e-05
200	1.516	34.511	1.506	27.617	32.286	0.138	9.60e-06
220	1.629	34.542	1.618	27.633	32.299	0.148	7.50e-06
240	1.724	34.571	1.711	27.649	32.312	0.157	4.20e-06
260	1.787	34.595	1.773	27.664	32.325	0.166	6.80e-06
280	1.825	34.611	1.810	27.674	32.335	0.174	5.10e-06
300	1.858	34.627	1.842	27.684	32.344	0.183	4.80e-06
320	1.917	34.642	1.900	27.691	32.349	0.191	3.80e-06
340	1.934	34.655	1.915	27.700	32.358	0.199	2.20e-06
360	1.930	34.663	1.910	27.707	32.365	0.207	1.10e-06
380	1.938	34.670	1.917	27.712	32.370	0.215	3.60e-06
400	1.902	34.675	1.880	27.719	32.377	0.223	1.60e-06
420	1.926	34.683	1.903	27.724	32.382	0.231	2.30e-06
440	1.921	34.687	1.896	27.727	32.385	0.238	1.80e-06
460	1.895	34.689	1.870	27.731	32.390	0.246	3.20e-06
480	1.874	34.694	1.848	27.737	32.396	0.254	1.50e-06
500	1.860	34.698	1.832	27.741	32.401	0.261	3.40e-06
550	1.842	34.708	1.811	27.750	32.411	0.280	1.40e-06
600	1.820	34.714	1.787	27.757	32.418	0.298	1.40e-06
650	1.794	34.717	1.757	27.761	32.424	0.316	4.70e-07
700	1.752	34.720	1.712	27.767	32.431	0.334	2.20e-06
750	1.708	34.722	1.666	27.772	32.437	0.351	2.60e-06
800	1.663	34.724	1.618	27.776	32.443	0.369	2.80e-06
850	1.616	34.724	1.568	27.780	32.449	0.386	1.90e-06
900	1.559	34.725	1.508	27.785	32.456	0.403	1.00e-06
950	1.527	34.726	1.473	27.788	32.460	0.420	1.40e-06
1000	1.489	34.726	1.432	27.791	32.464	0.437	6.70e-07
1100	1.405	34.723	1.342	27.795	32.471	0.471	6.70e-07
1200	1.333	34.722	1.264	27.799	32.478	0.504	4.10e-07
1300	1.257	34.721	1.182	27.804	32.485	0.537	4.30e-07
1400	1.200	34.720	1.118	27.807	32.490	0.570	7.20e-07
1500	1.130	34.718	1.042	27.810	32.496	0.602	3.80e-07
1600	1.073	34.716	0.979	27.812	32.500	0.634	6.30e-07
1700	1.019	34.714	0.918	27.814	32.505	0.666	8.60e-07
1800	0.970	34.712	0.862	27.816	32.509	0.698	2.60e-08
1900	0.926	34.711	0.812	27.818	32.512	0.730	1.40e-07
2000	0.860	34.709	0.739	27.820	32.517	0.761	7.50e-07
2200	0.753	34.705	0.618	27.825	32.526	0.822	3.60e-08
2400	0.654	34.703	0.504	27.829	32.534	0.881	5.20e-07
2600	0.547	34.701	0.382	27.834	32.543	0.940	2.30e-07
2800	0.489	34.700	0.308	27.836	32.549	0.997	3.50e-07
3000	0.446	34.699	0.248	27.838	32.553	1.053	7.80e-06
3002	0.446	34.699	0.248	27.838	32.553	1.054	7.80e-06

CTD salinity 34.699, Autosal salinity 34.699 at 3004 m



LTER 93b	Station:	200.180 (594)	JulianDay:	116	GMT:	0150
	Latitude:	66° 34.790' S	Longitude:	72° 44.220' W	Depth:	-999 m
	Barometer:	969.1 mb	RelHumidity:	70.5%	AirTemp:	-6.9°C
	RH Temp:	-8.1°C	WindSpeed:	2.1 m s ⁻¹	WindDir:	341°

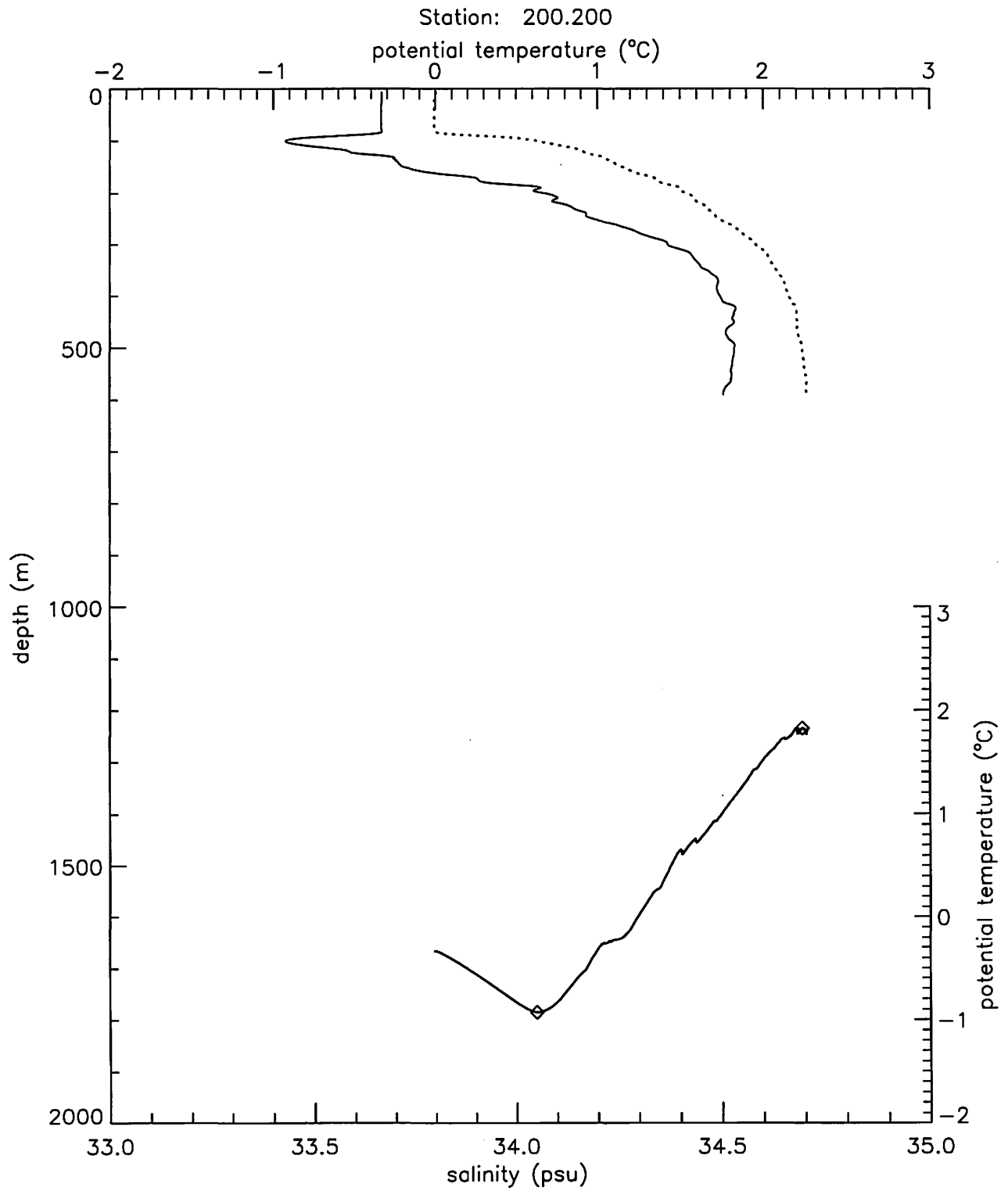
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-0.334	33.803	-0.334	27.156	31.885	0.002	-4.90e-07
10	-0.332	33.803	-0.332	27.156	31.885	0.005	-2.80e-07
20	-0.326	33.803	-0.326	27.156	31.884	0.015	8.40e-08
30	-0.325	33.803	-0.326	27.156	31.884	0.024	1.70e-08
40	-0.322	33.804	-0.323	27.156	31.884	0.033	5.30e-07
50	-0.321	33.804	-0.322	27.156	31.884	0.042	2.70e-07
60	-0.357	33.817	-0.359	27.168	31.898	0.051	6.60e-05
70	-0.782	33.955	-0.784	27.298	32.040	0.059	1.70e-04
80	-0.814	34.075	-0.816	27.397	32.138	0.066	1.60e-05
90	-0.580	34.116	-0.583	27.420	32.153	0.073	1.70e-05
100	-0.374	34.156	-0.377	27.443	32.170	0.079	2.50e-05
110	-0.081	34.202	-0.084	27.466	32.184	0.086	2.50e-05
120	0.042	34.235	0.038	27.487	32.201	0.092	1.80e-05
130	0.357	34.293	0.352	27.516	32.220	0.098	1.60e-05
140	0.553	34.323	0.547	27.529	32.227	0.103	1.60e-05
150	0.937	34.380	0.930	27.551	32.238	0.109	2.00e-05
160	1.062	34.414	1.055	27.570	32.253	0.114	1.90e-05
180	1.369	34.478	1.361	27.600	32.274	0.124	1.10e-05
200	1.530	34.513	1.520	27.617	32.286	0.133	3.40e-06



LTER 93b	Station:	200.200 (600)	JulianDay:	116	GMT:	0611
	Latitude:	66° 26.730' S	Longitude:	73° 1.870' W	Depth:	-999 m
	Barometer:	968.9 mb	RelHumidity:	59.2%	AirTemp:	-6.4°C
	RH Temp:	-7.8°C	WindSpeed:	6.6 m s ⁻¹	WindDir:	3°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
6	-0.335	33.802	-0.335	27.155	31.884	0.014	-3.00e-05
10	-0.335	33.799	-0.336	27.152	31.881	0.016	-1.30e-06
20	-0.334	33.797	-0.335	27.151	31.880	0.026	-7.20e-07
30	-0.335	33.797	-0.336	27.151	31.880	0.035	1.10e-07
40	-0.336	33.797	-0.337	27.151	31.880	0.044	-3.80e-08
50	-0.336	33.797	-0.338	27.151	31.880	0.053	-1.10e-07
60	-0.336	33.797	-0.338	27.151	31.880	0.062	-4.80e-08
70	-0.334	33.797	-0.336	27.151	31.880	0.071	4.80e-07
80	-0.333	33.798	-0.335	27.152	31.881	0.080	1.70e-06
90	-0.566	33.904	-0.568	27.248	31.983	0.089	2.20e-04
100	-0.925	34.050	-0.928	27.380	32.125	0.097	3.80e-05
110	-0.773	34.113	-0.776	27.426	32.165	0.103	3.00e-05
120	-0.534	34.164	-0.538	27.457	32.189	0.110	1.40e-05
130	-0.273	34.208	-0.277	27.481	32.204	0.116	2.70e-05
140	-0.228	34.235	-0.233	27.500	32.222	0.122	2.10e-05
150	-0.191	34.262	-0.196	27.520	32.241	0.127	1.60e-05
160	-0.034	34.290	-0.040	27.535	32.251	0.133	1.50e-05
180	0.330	34.355	0.323	27.568	32.273	0.143	6.50e-06
200	0.682	34.416	0.674	27.596	32.290	0.153	1.20e-05
220	0.788	34.451	0.778	27.618	32.309	0.163	1.00e-05
240	0.945	34.484	0.934	27.634	32.320	0.172	6.60e-06
260	1.120	34.520	1.108	27.652	32.333	0.181	8.90e-06
280	1.292	34.553	1.278	27.667	32.342	0.190	6.00e-06
300	1.442	34.582	1.427	27.679	32.351	0.198	6.20e-06
320	1.586	34.611	1.570	27.692	32.359	0.207	2.20e-06
340	1.640	34.624	1.622	27.698	32.364	0.215	3.30e-06
360	1.724	34.641	1.704	27.706	32.369	0.223	3.40e-06
380	1.744	34.652	1.724	27.713	32.376	0.231	2.70e-06
400	1.761	34.662	1.739	27.719	32.382	0.238	2.50e-06
420	1.849	34.678	1.826	27.726	32.386	0.246	2.40e-06
440	1.843	34.680	1.819	27.727	32.388	0.254	1.20e-06
460	1.821	34.682	1.796	27.731	32.392	0.261	9.10e-07
480	1.813	34.686	1.786	27.735	32.396	0.269	7.60e-07
500	1.854	34.693	1.827	27.738	32.398	0.276	1.30e-06
550	1.843	34.702	1.812	27.745	32.406	0.295	1.50e-06
587	1.795	34.704	1.762	27.751	32.413	0.308	-1.70e-07

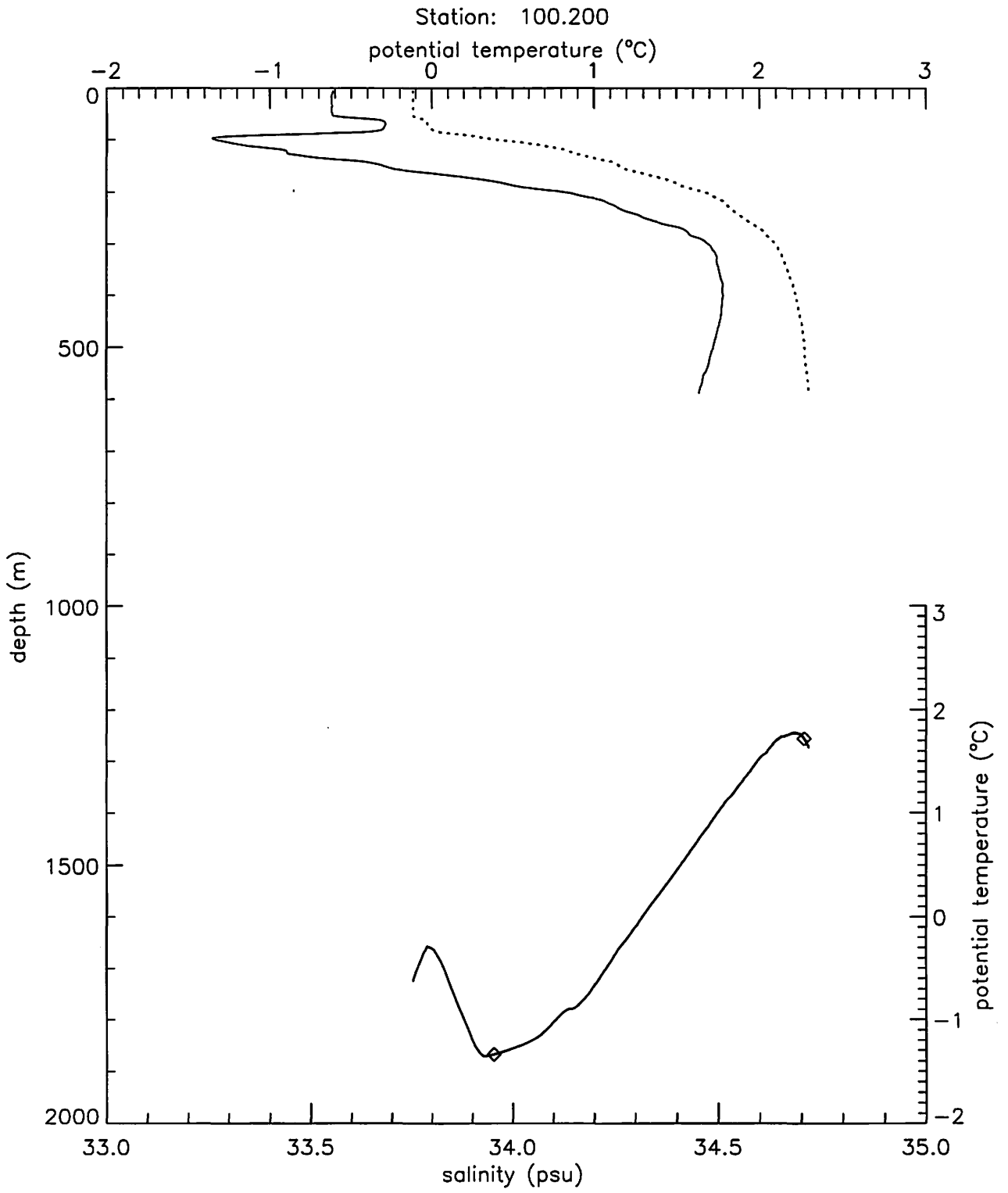
CTD salinity 34.704, Autosal salinity 34.704 at 590 m



LTER 93b	Station:	100.200 (611)	JulianDay:	116	GMT:	1620
	Latitude:	67° 1.040' S	Longitude:	74° 46.070' W	Depth:	-999 m
	Barometer:	971.0 mb	RelHumidity:	60.4%	AirTemp:	-7.2°C
	RH Temp:	-8.5°C	WindSpeed:	3.6 m s ⁻¹	WindDir:	13°

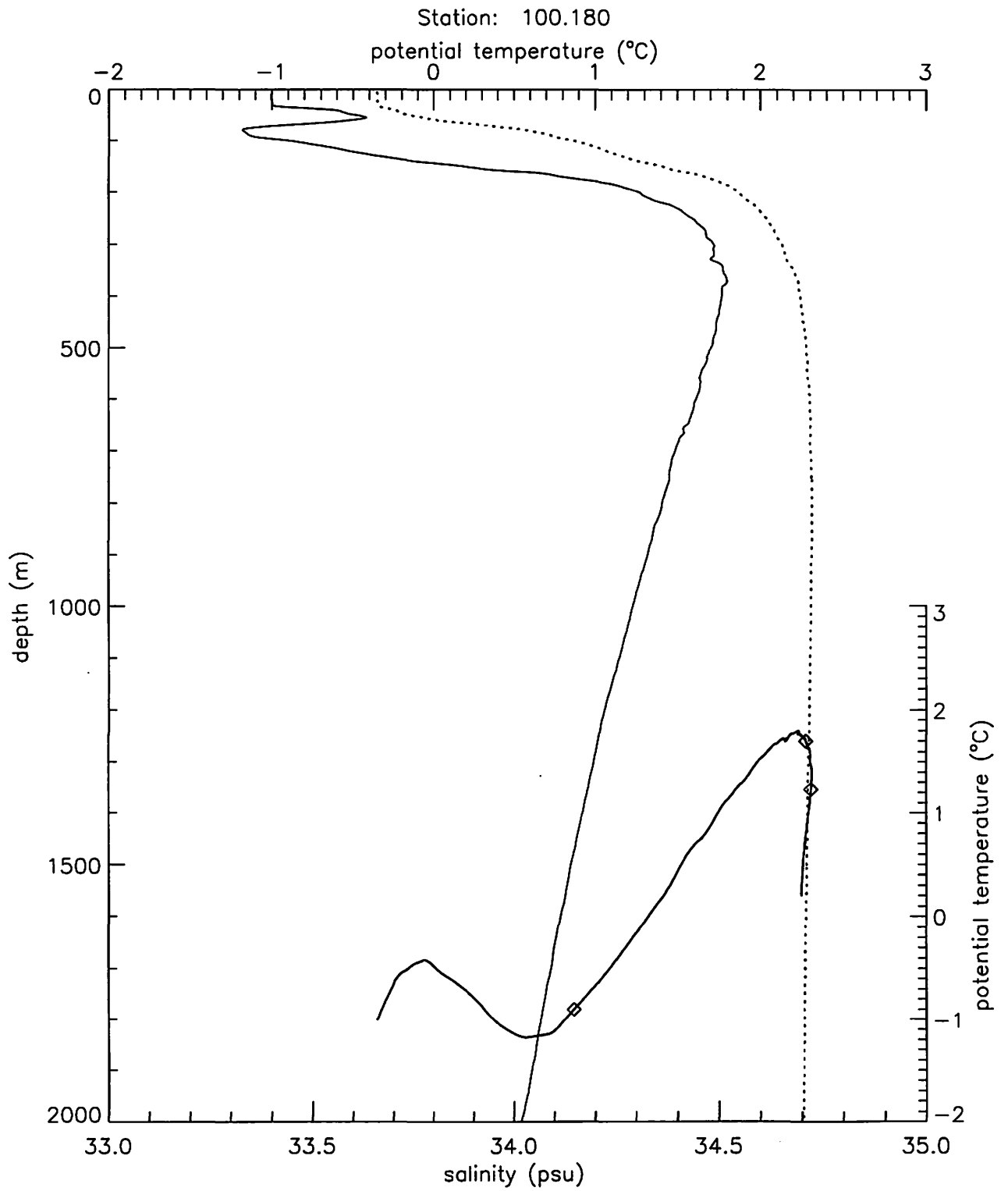
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-0.613	33.753	-0.613	27.128	31.866	0.002	-5.10e-07
10	-0.614	33.753	-0.614	27.128	31.866	0.006	1.10e-06
20	-0.620	33.753	-0.621	27.128	31.866	0.015	-7.00e-07
30	-0.620	33.753	-0.620	27.128	31.866	0.024	-5.60e-07
40	-0.619	33.753	-0.620	27.128	31.866	0.034	3.60e-08
50	-0.616	33.753	-0.618	27.128	31.866	0.043	-4.50e-07
60	-0.402	33.774	-0.404	27.135	31.866	0.052	1.30e-05
70	-0.287	33.789	-0.289	27.142	31.870	0.062	5.50e-06
80	-0.303	33.799	-0.305	27.151	31.879	0.071	1.80e-05
90	-0.854	33.864	-0.856	27.227	31.971	0.080	1.60e-04
100	-1.336	33.953	-1.338	27.316	32.075	0.087	6.40e-05
110	-1.181	34.057	-1.184	27.395	32.148	0.095	4.80e-05
120	-0.922	34.126	-0.925	27.442	32.186	0.101	3.60e-05
130	-0.841	34.165	-0.845	27.470	32.211	0.107	3.30e-05
140	-0.536	34.222	-0.540	27.504	32.235	0.113	3.30e-05
150	-0.305	34.260	-0.310	27.524	32.249	0.119	1.20e-05
160	-0.158	34.289	-0.164	27.540	32.260	0.124	2.30e-05
180	0.382	34.387	0.375	27.590	32.293	0.134	1.80e-05
200	0.806	34.463	0.797	27.626	32.316	0.144	1.80e-05
220	1.089	34.514	1.079	27.649	32.330	0.153	4.50e-06
240	1.233	34.543	1.222	27.662	32.340	0.162	7.30e-06
260	1.413	34.578	1.400	27.677	32.349	0.170	5.00e-06
280	1.588	34.614	1.574	27.694	32.361	0.179	6.40e-06
300	1.703	34.637	1.687	27.704	32.367	0.187	3.90e-06
320	1.752	34.652	1.735	27.712	32.375	0.194	2.60e-06
340	1.763	34.662	1.745	27.719	32.381	0.202	3.40e-06
360	1.781	34.671	1.762	27.725	32.387	0.210	3.10e-06
380	1.800	34.681	1.780	27.731	32.393	0.217	3.70e-06
400	1.802	34.687	1.780	27.736	32.398	0.225	1.80e-06
420	1.796	34.692	1.773	27.741	32.402	0.232	2.00e-06
440	1.792	34.696	1.768	27.745	32.406	0.240	3.50e-06
460	1.779	34.702	1.754	27.750	32.412	0.247	2.60e-06
480	1.764	34.705	1.737	27.754	32.417	0.254	2.00e-06
500	1.748	34.708	1.721	27.758	32.421	0.261	1.10e-06
550	1.704	34.714	1.673	27.766	32.430	0.279	1.80e-06
585	1.672	34.718	1.640	27.771	32.437	0.290	3.50e-07

CTD salinity 34.689, Autosal salinity 34.694 at 403 m



LTER 93b	Station:	100.180 (618)	JulianDay:	116	GMT:	2203
	Latitude:	67° 9.450' S	Longitude:	74° 28.700' W	Depth:	-999 m
	Barometer:	972.3 mb	RelHumidity:	53.6%	AirTemp:	-6.5°C
	RH Temp:	-7.8°C	WindSpeed:	4.5 m s ⁻¹	WindDir:	356°

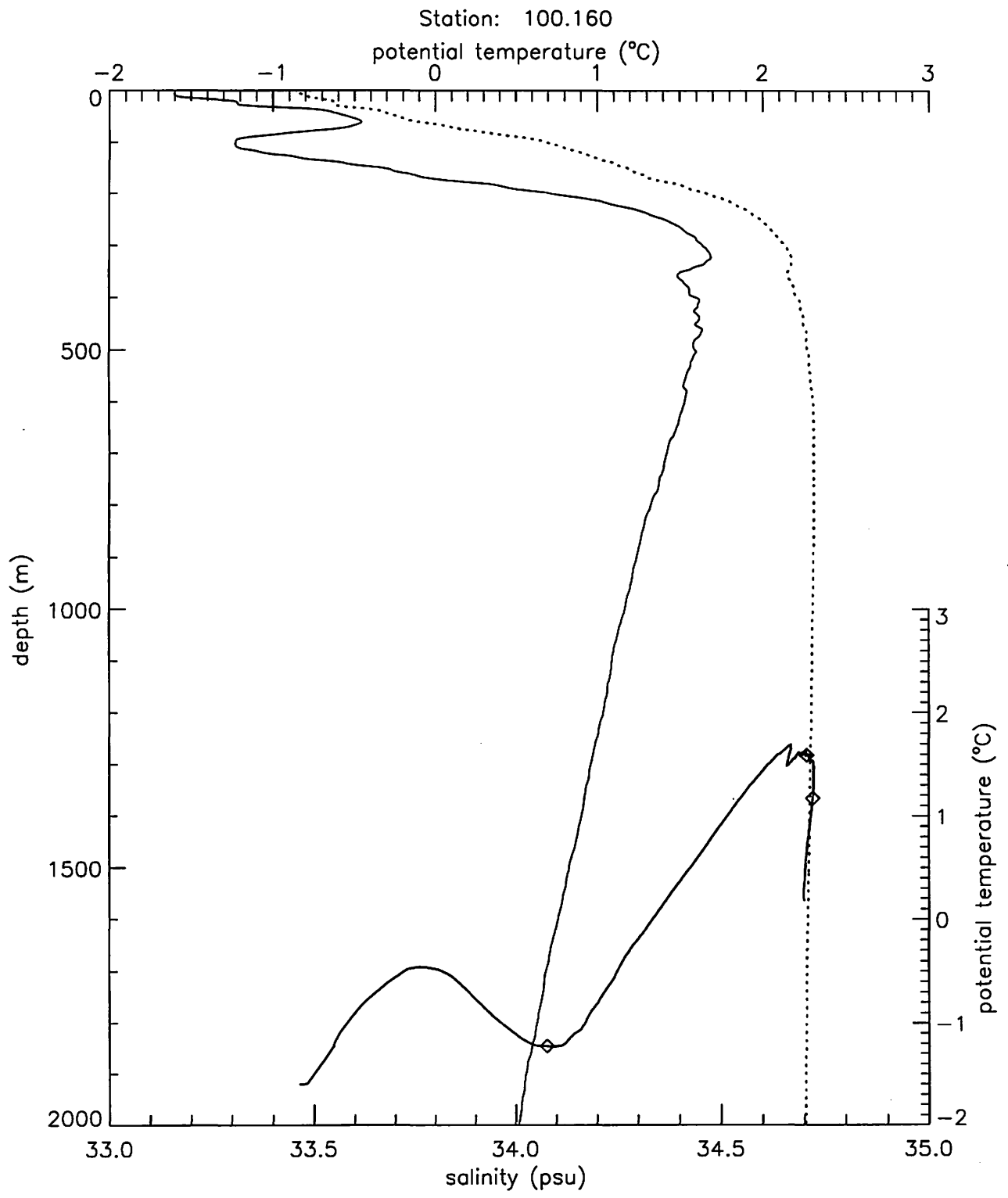
Depth	Temp	Sal	Ptemp	Sigma0	Signal	DynHt	N ²
5	-1.001	33.658	-1.001	27.066	31.816	0.003	-1.50e-05
10	-1.004	33.660	-1.005	27.067	31.818	0.006	3.30e-07
20	-1.003	33.660	-1.003	27.067	31.818	0.016	-3.80e-07
30	-0.995	33.661	-0.996	27.068	31.818	0.026	-2.00e-07
40	-0.618	33.703	-0.620	27.088	31.826	0.036	2.00e-05
50	-0.486	33.740	-0.488	27.112	31.846	0.046	5.10e-05
60	-0.512	33.809	-0.513	27.169	31.903	0.055	8.90e-05
70	-0.913	33.929	-0.915	27.282	32.028	0.063	1.10e-04
80	-1.177	34.034	-1.179	27.377	32.130	0.071	4.00e-05
90	-1.134	34.092	-1.136	27.422	32.173	0.077	2.10e-05
100	-0.899	34.148	-0.902	27.459	32.202	0.084	3.20e-05
110	-0.695	34.194	-0.699	27.488	32.224	0.090	2.50e-05
120	-0.531	34.229	-0.535	27.509	32.240	0.095	1.90e-05
130	-0.337	34.266	-0.341	27.531	32.256	0.101	2.20e-05
140	-0.116	34.307	-0.121	27.553	32.271	0.106	2.50e-05
150	0.198	34.365	0.192	27.583	32.291	0.112	1.80e-05
160	0.532	34.413	0.525	27.602	32.301	0.116	2.70e-05
180	1.039	34.502	1.030	27.643	32.326	0.126	9.80e-06
200	1.278	34.549	1.268	27.664	32.340	0.134	8.30e-06
220	1.417	34.577	1.406	27.677	32.349	0.143	5.90e-06
240	1.554	34.603	1.542	27.688	32.356	0.151	5.00e-06
260	1.636	34.622	1.622	27.697	32.362	0.159	3.70e-06
280	1.687	34.636	1.673	27.705	32.369	0.167	4.90e-06
300	1.734	34.652	1.718	27.714	32.376	0.175	3.30e-06
320	1.738	34.660	1.721	27.720	32.382	0.183	3.20e-06
340	1.787	34.674	1.769	27.727	32.388	0.190	3.40e-06
360	1.809	34.686	1.790	27.735	32.396	0.198	4.00e-06
380	1.795	34.691	1.775	27.740	32.401	0.205	2.00e-06
400	1.790	34.695	1.768	27.744	32.406	0.213	1.80e-06
420	1.779	34.698	1.756	27.747	32.409	0.220	2.30e-06
440	1.766	34.701	1.742	27.751	32.413	0.227	1.50e-06
460	1.758	34.705	1.733	27.754	32.417	0.234	2.20e-06
480	1.743	34.708	1.717	27.758	32.421	0.241	1.60e-06
500	1.728	34.710	1.701	27.761	32.424	0.248	1.70e-06
550	1.673	34.713	1.642	27.767	32.433	0.266	1.80e-06
600	1.645	34.719	1.612	27.774	32.440	0.283	1.60e-06
650	1.595	34.721	1.559	27.779	32.448	0.300	2.60e-06
700	1.525	34.721	1.486	27.784	32.455	0.317	1.50e-06
750	1.491	34.723	1.450	27.789	32.460	0.333	4.90e-07
800	1.451	34.724	1.407	27.792	32.465	0.350	2.30e-07
850	1.403	34.724	1.356	27.796	32.470	0.366	4.80e-07
900	1.371	34.724	1.321	27.798	32.474	0.382	2.80e-07
950	1.327	34.723	1.275	27.800	32.478	0.399	7.90e-07
1000	1.287	34.722	1.231	27.802	32.481	0.415	7.80e-07
1100	1.209	34.720	1.148	27.806	32.488	0.447	8.10e-07
1200	1.125	34.718	1.058	27.810	32.495	0.478	8.00e-07
1300	1.065	34.716	0.992	27.813	32.499	0.510	3.50e-07
1400	1.003	34.714	0.923	27.815	32.504	0.541	1.00e-06
1500	0.936	34.711	0.851	27.818	32.509	0.572	6.30e-07
1600	0.878	34.710	0.786	27.820	32.514	0.603	5.20e-07
1700	0.829	34.708	0.730	27.822	32.517	0.633	8.10e-07
1800	0.772	34.706	0.667	27.824	32.522	0.663	5.20e-07
1900	0.722	34.705	0.611	27.826	32.526	0.693	6.50e-07
2000	0.665	34.703	0.546	27.829	32.531	0.723	4.30e-07
2200	0.544	34.701	0.412	27.834	32.541	0.780	5.10e-07
2400	0.462	34.700	0.316	27.838	32.548	0.837	4.10e-07
2600	0.416	34.698	0.254	27.840	32.552	0.892	-5.30e-08
2800	0.398	34.699	0.219	27.841	32.555	0.946	8.70e-08
2972	0.399	34.699	0.205	27.841	32.557	0.993	-3.90e-07



LTER 93b	Station:	100.160 (623)	JulianDay:	117	GMT:	0332
	Latitude:	67° 17.750' S	Longitude:	74° 11.070' W	Depth:	-999 m
	Barometer:	973.6 mb	RelHumidity:	85.5%	AirTemp:	-5.8°C
	RH Temp:	-7.5°C	WindSpeed:	3.3 m s ⁻¹	WindDir:	271°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-1.603	33.465	-1.603	26.928	31.699	0.003	7.20e-05
10	-1.593	33.483	-1.593	26.942	31.713	0.006	6.10e-05
20	-1.234	33.547	-1.235	26.984	31.742	0.017	3.40e-05
30	-1.086	33.565	-1.087	26.994	31.747	0.028	2.90e-05
40	-0.645	33.670	-0.646	27.062	31.801	0.038	3.40e-05
50	-0.531	33.710	-0.532	27.089	31.825	0.048	2.80e-05
60	-0.454	33.763	-0.456	27.129	31.862	0.058	6.50e-05
70	-0.541	33.839	-0.543	27.194	31.929	0.067	5.10e-05
80	-0.853	33.923	-0.855	27.275	32.019	0.075	8.60e-05
90	-1.157	34.016	-1.159	27.362	32.114	0.083	8.50e-05
100	-1.226	34.077	-1.228	27.413	32.167	0.089	2.80e-05
110	-1.209	34.118	-1.212	27.446	32.199	0.096	1.80e-05
120	-1.061	34.161	-1.064	27.476	32.224	0.102	2.50e-05
130	-0.831	34.196	-0.835	27.495	32.236	0.108	1.50e-05
140	-0.557	34.242	-0.562	27.521	32.253	0.114	1.90e-05
150	-0.310	34.277	-0.315	27.538	32.262	0.119	2.20e-05
160	-0.177	34.302	-0.183	27.552	32.272	0.124	2.00e-05
180	0.314	34.390	0.307	27.596	32.301	0.135	3.00e-05
200	0.724	34.465	0.716	27.633	32.325	0.144	1.30e-05
220	1.089	34.529	1.079	27.661	32.343	0.153	9.50e-06
240	1.328	34.575	1.316	27.681	32.356	0.161	7.10e-06
260	1.488	34.608	1.475	27.696	32.366	0.169	5.60e-06
280	1.584	34.631	1.570	27.708	32.375	0.177	6.20e-06
300	1.653	34.652	1.637	27.720	32.385	0.185	4.20e-06
320	1.704	34.667	1.687	27.728	32.392	0.193	4.30e-06
340	1.626	34.666	1.609	27.733	32.399	0.200	3.80e-06
360	1.508	34.660	1.490	27.737	32.406	0.206	1.40e-06
380	1.572	34.674	1.552	27.744	32.411	0.213	2.70e-06
400	1.620	34.684	1.599	27.748	32.414	0.220	2.20e-06
420	1.625	34.691	1.603	27.753	32.419	0.227	2.90e-06
440	1.643	34.698	1.619	27.757	32.423	0.234	2.30e-06
460	1.659	34.705	1.635	27.761	32.427	0.241	2.50e-06
480	1.621	34.704	1.595	27.764	32.431	0.248	2.50e-06
500	1.618	34.707	1.591	27.766	32.433	0.255	1.20e-06
550	1.570	34.714	1.540	27.776	32.444	0.272	2.70e-07
600	1.565	34.721	1.532	27.782	32.450	0.288	1.70e-06
650	1.519	34.723	1.483	27.787	32.457	0.305	1.60e-06
700	1.463	34.723	1.425	27.791	32.463	0.321	6.50e-07
750	1.419	34.723	1.378	27.794	32.467	0.338	1.80e-07
800	1.369	34.723	1.326	27.797	32.472	0.354	6.60e-07
850	1.323	34.723	1.276	27.800	32.477	0.370	1.10e-06
900	1.292	34.722	1.243	27.802	32.480	0.386	2.80e-07
950	1.260	34.722	1.208	27.804	32.483	0.402	9.30e-07
1000	1.225	34.721	1.170	27.806	32.486	0.418	4.50e-07
1100	1.152	34.719	1.091	27.809	32.492	0.449	4.80e-07
1200	1.106	34.717	1.039	27.811	32.496	0.480	3.30e-07
1300	1.036	34.715	0.963	27.814	32.501	0.512	8.30e-07
1400	0.985	34.713	0.905	27.816	32.505	0.543	4.20e-07
1500	0.915	34.711	0.829	27.819	32.511	0.573	-2.50e-07
1600	0.851	34.709	0.760	27.821	32.516	0.604	6.00e-07
1700	0.784	34.707	0.686	27.824	32.521	0.634	9.10e-07
1800	0.735	34.705	0.631	27.826	32.525	0.664	6.80e-07
1900	0.673	34.704	0.562	27.828	32.530	0.693	1.20e-06
2000	0.637	34.703	0.519	27.830	32.533	0.723	3.80e-07
2200	0.530	34.701	0.398	27.835	32.542	0.780	5.50e-07
2400	0.446	34.699	0.300	27.839	32.549	0.836	6.50e-07
2600	0.412	34.699	0.250	27.840	32.553	0.891	2.00e-07
2800	0.388	34.699	0.209	27.842	32.557	0.945	9.30e-08
3000	0.385	34.699	0.188	27.842	32.558	0.999	2.80e-07
3003	0.385	34.699	0.188	27.842	32.558	1.000	5.50e-08

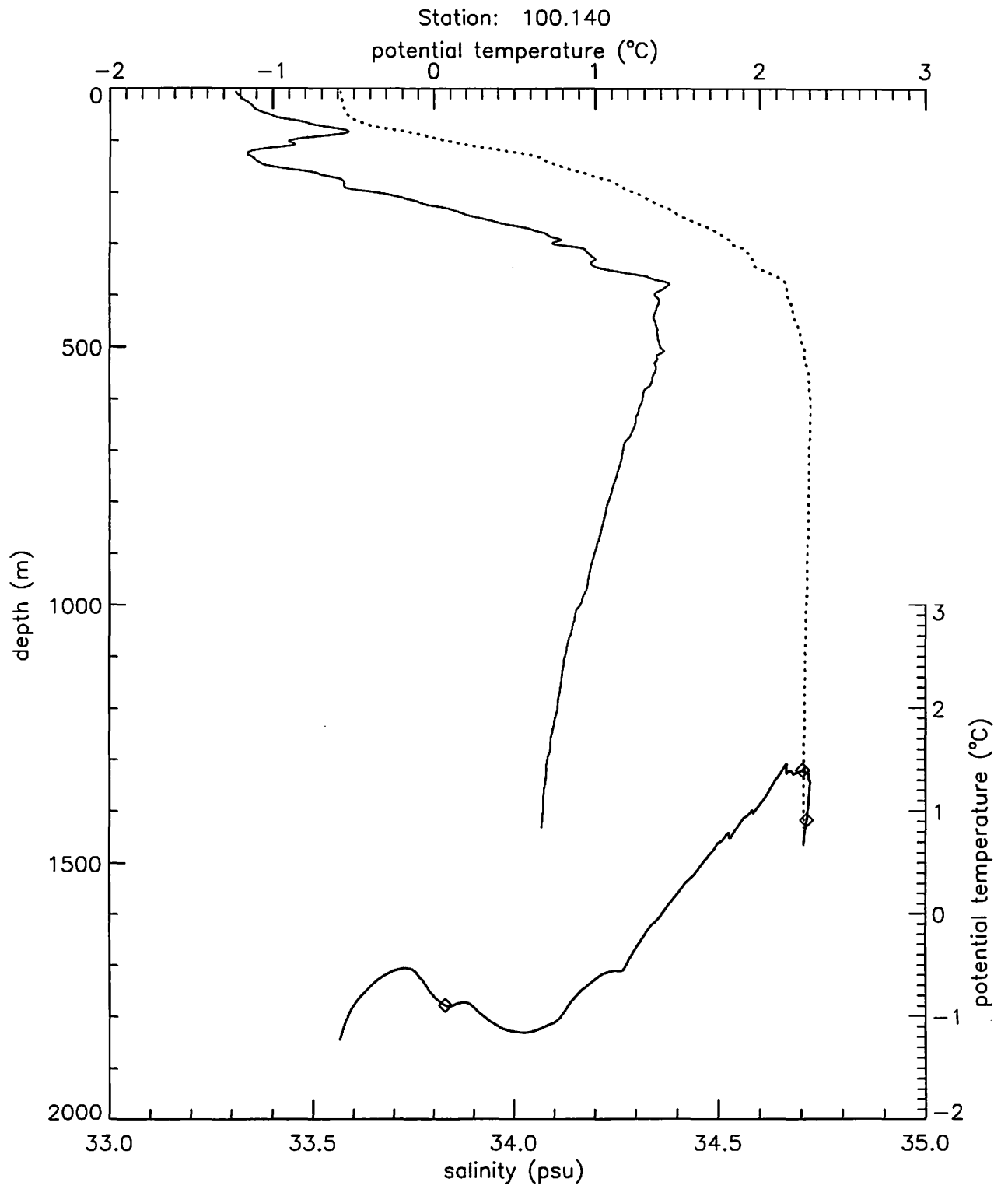
CTD salinity 34.722, Autosal salinity 34.726 at 700 m



LTER 93b	Station:	100.140 (633)	JulianDay:	117	GMT:	0905
	Latitude:	67° 26.070' S	Longitude:	73° 52.930' W	Depth:	1409 m
	Barometer:	975.6 mb	RelHumidity:	72.0%	AirTemp:	-7.3°C
	RH Temp:	-8.7°C	WindSpeed:	5.3 m s ⁻¹	WindDir:	17°

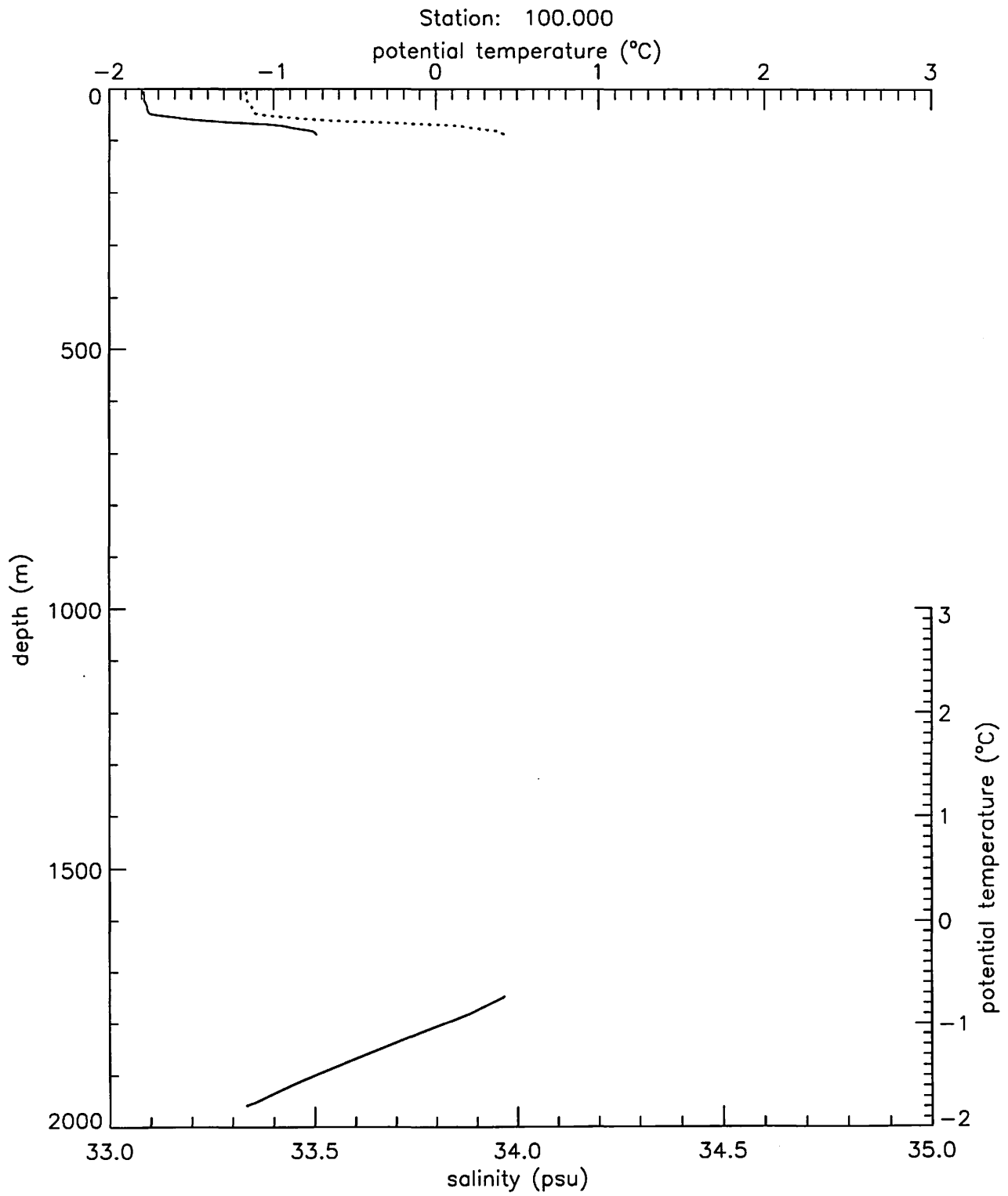
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-1.226	33.567	-1.226	27.000	31.758	0.003	1.30e-06
10	-1.218	33.567	-1.219	27.000	31.758	0.006	-6.10e-07
20	-1.186	33.570	-1.187	27.000	31.757	0.017	2.90e-07
30	-1.135	33.574	-1.136	27.002	31.757	0.027	7.90e-07
40	-1.103	33.576	-1.104	27.003	31.757	0.038	1.10e-06
50	-1.017	33.584	-1.019	27.006	31.758	0.049	3.50e-06
60	-0.890	33.601	-0.891	27.015	31.763	0.059	1.80e-05
70	-0.735	33.635	-0.737	27.037	31.779	0.069	2.70e-05
80	-0.546	33.707	-0.548	27.088	31.824	0.079	7.30e-05
90	-0.659	33.773	-0.661	27.145	31.884	0.089	6.70e-05
100	-0.892	33.828	-0.895	27.200	31.945	0.098	5.10e-05
110	-0.897	33.896	-0.900	27.255	32.000	0.106	6.80e-05
120	-1.129	33.983	-1.132	27.334	32.086	0.114	6.70e-05
130	-1.131	34.055	-1.134	27.392	32.143	0.121	3.10e-05
140	-1.088	34.081	-1.092	27.412	32.161	0.127	2.00e-05
150	-0.992	34.117	-0.996	27.438	32.184	0.134	1.80e-05
160	-0.763	34.162	-0.768	27.465	32.204	0.140	3.40e-05
180	-0.555	34.244	-0.561	27.523	32.255	0.152	1.50e-05
200	-0.363	34.295	-0.370	27.555	32.281	0.162	1.50e-05
220	-0.082	34.345	-0.090	27.581	32.299	0.173	1.40e-05
240	0.178	34.396	0.169	27.609	32.318	0.182	1.00e-05
260	0.433	34.449	0.423	27.637	32.338	0.192	1.30e-05
280	0.707	34.501	0.695	27.663	32.356	0.200	1.60e-05
300	0.751	34.530	0.737	27.683	32.375	0.209	6.50e-06
320	0.979	34.573	0.965	27.703	32.388	0.217	5.20e-06
340	0.994	34.585	0.978	27.712	32.396	0.225	1.20e-06
360	1.263	34.630	1.245	27.730	32.407	0.232	6.30e-06
380	1.470	34.666	1.451	27.744	32.415	0.239	5.00e-06
400	1.385	34.665	1.364	27.750	32.423	0.247	1.90e-06
420	1.403	34.676	1.381	27.757	32.430	0.254	4.80e-06
440	1.381	34.682	1.358	27.763	32.436	0.260	2.50e-06
460	1.396	34.691	1.372	27.770	32.443	0.267	2.80e-06
480	1.406	34.697	1.381	27.774	32.447	0.274	1.60e-06
500	1.421	34.704	1.395	27.778	32.450	0.281	2.10e-06
550	1.391	34.718	1.363	27.791	32.465	0.297	3.20e-06
600	1.321	34.722	1.290	27.800	32.475	0.313	1.00e-06
650	1.279	34.721	1.245	27.802	32.479	0.328	7.20e-07
700	1.209	34.720	1.173	27.806	32.485	0.344	6.00e-07
750	1.173	34.719	1.134	27.808	32.488	0.359	5.00e-07
800	1.124	34.718	1.082	27.811	32.492	0.374	8.50e-07
850	1.086	34.717	1.041	27.812	32.495	0.389	3.40e-07
900	1.046	34.716	0.999	27.814	32.499	0.405	6.50e-07
950	1.010	34.715	0.960	27.815	32.501	0.420	4.20e-07
1000	0.965	34.713	0.912	27.817	32.505	0.435	1.30e-06
1100	0.876	34.710	0.817	27.821	32.511	0.464	1.00e-06
1200	0.834	34.709	0.770	27.822	32.515	0.493	-7.00e-08
1300	0.780	34.707	0.709	27.824	32.519	0.522	5.00e-07
1400	0.757	34.706	0.680	27.825	32.521	0.551	1.10e-07
1429	0.750	34.706	0.672	27.825	32.521	0.559	3.60e-07

CTD salinity 34.716, Autosal salinity 34.716 at 900 m



LTER 93b	Station:	100.000 (675)	JulianDay:	118	GMT:	1132
	Latitude:	68° 22.710' S	Longitude:	71° 42.850' W	Depth:	90 m
	Barometer:	976.2 mb	RelHumidity:	89.6%	AirTemp:	-11.1°C
	RH Temp:	-12.7°C	WindSpeed:	15.8 m s ⁻¹	WindDir:	1°

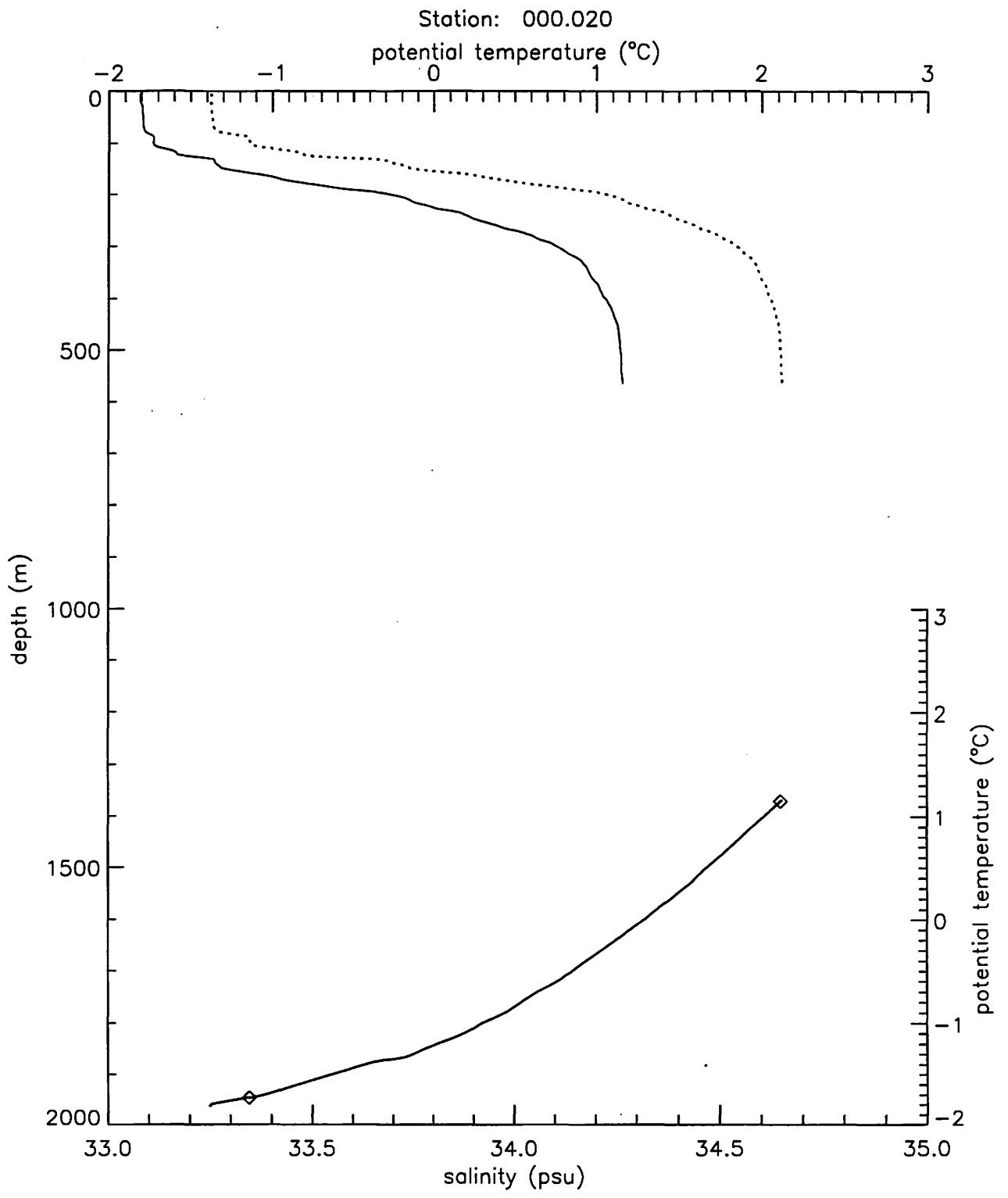
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-1.790	33.334	-1.790	26.826	31.604	0.013	3.10e-03
10	-1.788	33.335	-1.789	26.826	31.605	0.018	2.10e-06
20	-1.785	33.336	-1.785	26.827	31.605	0.030	3.00e-07
30	-1.773	33.343	-1.774	26.833	31.610	0.042	1.00e-05
40	-1.767	33.348	-1.767	26.837	31.614	0.054	3.00e-06
50	-1.732	33.368	-1.732	26.852	31.628	0.066	6.20e-05
60	-1.485	33.507	-1.486	26.959	31.726	0.078	1.40e-04
70	-0.994	33.822	-0.996	27.199	31.947	0.088	1.70e-04
80	-0.798	33.936	-0.800	27.283	32.025	0.096	7.80e-05
85	-0.747	33.963	-0.749	27.303	32.043	0.099	1.10e-05



LTER 93b	Station:	000.020 (685)	JulianDay:	119	GMT:	0355
	Latitude:	68° 49.900' S	Longitude:	73° 52.840' W	Depth:	566 m
	Barometer:	966.7 mb	RelHumidity:	79.5%	AirTemp:	-5.8°C
	RH Temp:	-7.1°C	WindSpeed:	17.9 m s ⁻¹	WindDir:	6°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-1.808	33.250	-1.808	26.758	31.538	0.002	3.90e-07
10	-1.809	33.250	-1.809	26.758	31.538	0.007	-3.70e-07
20	-1.808	33.249	-1.808	26.757	31.537	0.019	4.20e-07
30	-1.795	33.251	-1.796	26.758	31.537	0.032	3.10e-07
40	-1.795	33.251	-1.796	26.759	31.538	0.045	9.50e-07
50	-1.790	33.253	-1.791	26.761	31.539	0.058	-4.90e-07
60	-1.791	33.253	-1.792	26.760	31.539	0.071	1.60e-06
70	-1.787	33.257	-1.788	26.764	31.542	0.084	8.30e-06
80	-1.766	33.286	-1.767	26.786	31.564	0.096	6.10e-05
90	-1.723	33.345	-1.725	26.833	31.609	0.109	3.30e-06
100	-1.727	33.345	-1.729	26.834	31.610	0.121	2.10e-06
110	-1.663	33.412	-1.665	26.886	31.660	0.133	7.50e-05
120	-1.581	33.477	-1.584	26.937	31.707	0.144	2.00e-05
130	-1.365	33.662	-1.368	27.081	31.843	0.155	1.30e-04
140	-1.337	33.714	-1.340	27.122	31.883	0.164	4.60e-05
150	-1.273	33.762	-1.277	27.159	31.917	0.173	6.20e-05
160	-1.067	33.889	-1.071	27.256	32.006	0.182	6.90e-05
180	-0.715	34.048	-0.720	27.370	32.109	0.197	6.60e-05
200	-0.254	34.227	-0.261	27.495	32.218	0.210	3.60e-05
220	-0.044	34.299	-0.052	27.542	32.259	0.221	2.80e-05
240	0.210	34.381	0.201	27.595	32.304	0.231	1.50e-05
260	0.407	34.440	0.397	27.632	32.334	0.240	1.10e-05
280	0.626	34.501	0.614	27.668	32.363	0.249	1.20e-05
300	0.773	34.541	0.760	27.691	32.382	0.257	8.50e-06
320	0.892	34.572	0.878	27.709	32.396	0.265	7.50e-06
340	0.960	34.590	0.944	27.719	32.404	0.273	2.60e-06
360	0.993	34.599	0.976	27.723	32.408	0.280	3.30e-06
380	1.040	34.611	1.022	27.730	32.413	0.288	1.60e-06
400	1.082	34.622	1.062	27.736	32.418	0.295	3.50e-06
420	1.117	34.631	1.096	27.741	32.422	0.302	1.70e-06
440	1.140	34.637	1.118	27.744	32.424	0.310	1.80e-06
460	1.158	34.641	1.136	27.747	32.426	0.317	7.80e-07
480	1.166	34.644	1.142	27.748	32.427	0.324	5.00e-07
500	1.174	34.646	1.149	27.749	32.428	0.331	6.30e-07
550	1.187	34.648	1.159	27.750	32.429	0.349	4.30e-07
559	1.189	34.649	1.161	27.750	32.430	0.351	8.10e-07

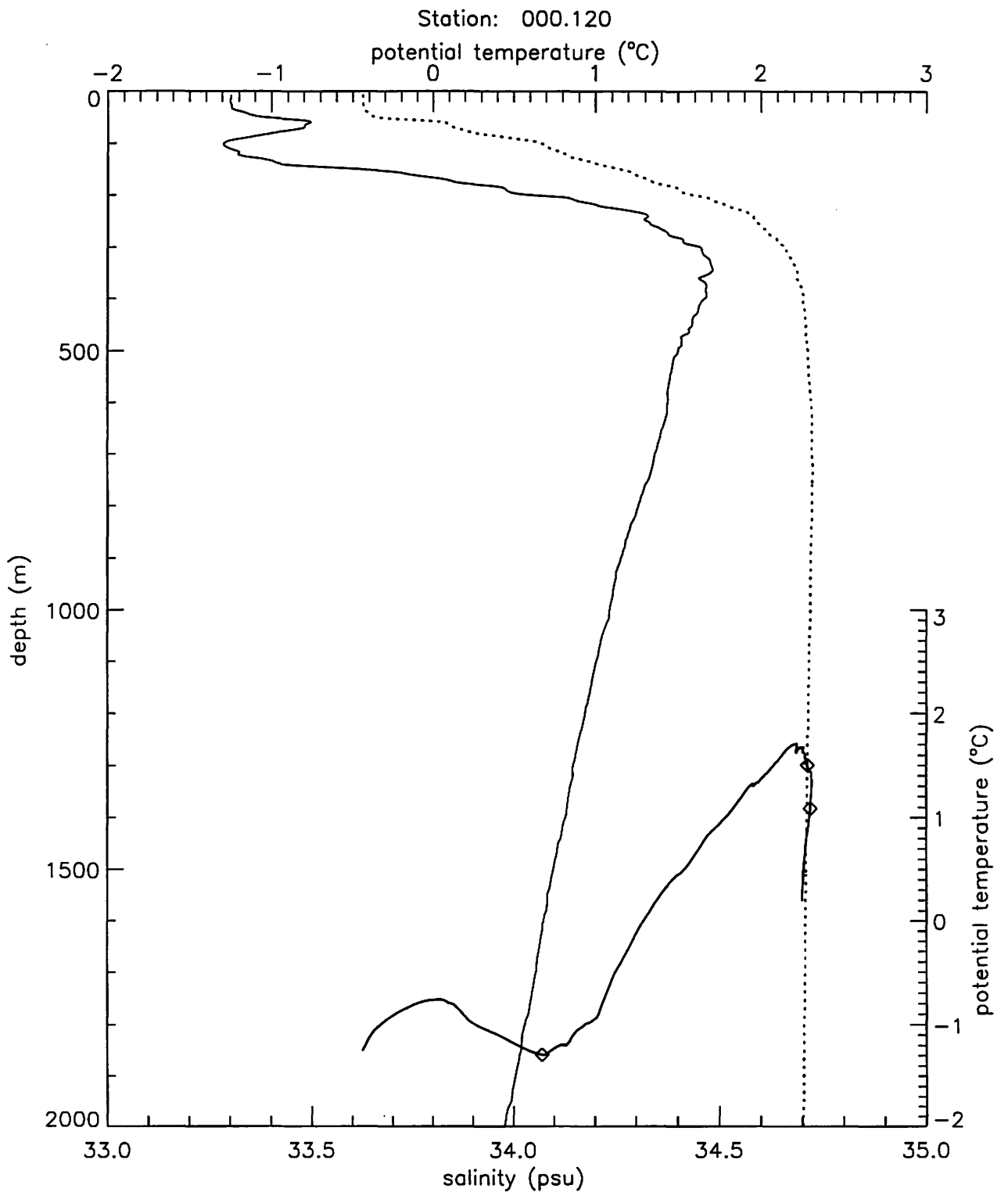
CTD salinity 33.251, Autosol salinity 33.257 at 4 m
 CTD salinity 34.649, Autosol salinity 34.649 at 562 m



LTER 93b	Station:	000.120 (706)	JulianDay:	120	GMT:	0038
	Latitude:	68° 8.190' S	Longitude:	75° 25.050' W	Depth:	-999 m
	Barometer:	960.7 mb	RelHumidity:	98.5%	AirTemp:	-1.9°C
	RH Temp:	-3.0°C	WindSpeed:	15.6 m s ⁻¹	WindDir:	4°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	-1.249	33.625	-1.249	27.048	31.806	0.004	-2.40e-04
10	-1.248	33.625	-1.249	27.048	31.806	0.006	-1.40e-04
20	-1.254	33.625	-1.254	27.047	31.806	0.016	-4.10e-07
30	-1.244	33.626	-1.244	27.048	31.806	0.026	2.50e-07
40	-1.167	33.636	-1.168	27.053	31.809	0.036	6.80e-06
50	-1.018	33.664	-1.019	27.072	31.823	0.046	4.40e-05
60	-0.768	33.829	-0.769	27.196	31.937	0.055	8.80e-05
70	-0.811	33.853	-0.813	27.217	31.959	0.064	2.70e-05
80	-0.992	33.904	-0.994	27.265	32.013	0.072	6.30e-05
90	-1.179	34.002	-1.182	27.351	32.104	0.080	8.20e-05
100	-1.290	34.070	-1.292	27.410	32.166	0.087	2.80e-05
110	-1.251	34.091	-1.254	27.425	32.180	0.093	1.30e-05
120	-1.198	34.126	-1.201	27.452	32.205	0.099	2.30e-05
130	-1.040	34.160	-1.043	27.474	32.221	0.106	3.20e-05
140	-0.931	34.203	-0.935	27.505	32.249	0.111	2.30e-05
150	-0.440	34.257	-0.445	27.528	32.256	0.117	2.30e-05
160	-0.154	34.295	-0.159	27.545	32.265	0.122	1.00e-05
180	0.291	34.364	0.284	27.577	32.283	0.133	2.70e-05
200	0.656	34.442	0.647	27.619	32.313	0.143	2.50e-05
220	1.020	34.517	1.010	27.656	32.340	0.152	1.30e-05
240	1.331	34.581	1.319	27.686	32.360	0.160	1.20e-05
260	1.381	34.601	1.368	27.699	32.372	0.168	6.90e-06
280	1.500	34.628	1.486	27.712	32.381	0.176	8.70e-06
300	1.651	34.659	1.635	27.726	32.391	0.184	7.80e-06
320	1.694	34.670	1.677	27.731	32.395	0.191	5.20e-06
340	1.725	34.684	1.707	27.740	32.403	0.198	2.80e-06
360	1.646	34.686	1.627	27.747	32.412	0.206	2.90e-06
380	1.690	34.697	1.669	27.753	32.417	0.213	3.40e-06
400	1.681	34.702	1.659	27.758	32.422	0.220	2.60e-06
420	1.648	34.704	1.625	27.762	32.427	0.227	2.40e-06
440	1.611	34.706	1.588	27.766	32.432	0.234	1.60e-07
460	1.591	34.707	1.566	27.769	32.436	0.241	1.70e-06
480	1.547	34.709	1.522	27.773	32.442	0.247	2.20e-06
500	1.529	34.713	1.502	27.778	32.447	0.253	7.50e-07
550	1.482	34.715	1.453	27.783	32.454	0.270	3.40e-07
600	1.469	34.720	1.437	27.788	32.459	0.286	1.60e-06
650	1.440	34.722	1.405	27.791	32.463	0.302	1.20e-06
700	1.399	34.722	1.362	27.795	32.468	0.319	1.50e-06
750	1.363	34.723	1.322	27.798	32.473	0.335	9.30e-07
800	1.304	34.722	1.261	27.801	32.478	0.351	4.10e-07
850	1.249	34.721	1.203	27.804	32.483	0.366	1.20e-06
900	1.206	34.720	1.157	27.806	32.487	0.382	7.80e-07
950	1.167	34.719	1.116	27.809	32.490	0.398	6.70e-07
1000	1.142	34.719	1.087	27.810	32.492	0.413	5.00e-07
1100	1.068	34.716	1.008	27.813	32.498	0.444	6.60e-07
1200	1.004	34.714	0.938	27.816	32.503	0.475	3.10e-08
1300	0.937	34.712	0.865	27.818	32.508	0.505	3.70e-07
1400	0.896	34.711	0.818	27.820	32.512	0.535	6.10e-07
1500	0.827	34.708	0.743	27.822	32.517	0.566	7.10e-07
1600	0.772	34.707	0.682	27.824	32.521	0.595	5.00e-07
1700	0.733	34.706	0.636	27.826	32.524	0.625	8.40e-07
1800	0.673	34.704	0.569	27.829	32.529	0.654	9.80e-07
1900	0.622	34.703	0.511	27.831	32.533	0.683	7.60e-07
2000	0.562	34.702	0.445	27.834	32.538	0.712	9.90e-07
2200	0.464	34.700	0.334	27.838	32.547	0.768	2.70e-07
2400	0.398	34.699	0.253	27.841	32.553	0.823	1.60e-06
2600	0.362	34.699	0.200	27.843	32.557	0.876	1.20e-07
2725	0.372	34.699	0.200	27.843	32.557	0.909	-9.60e-07

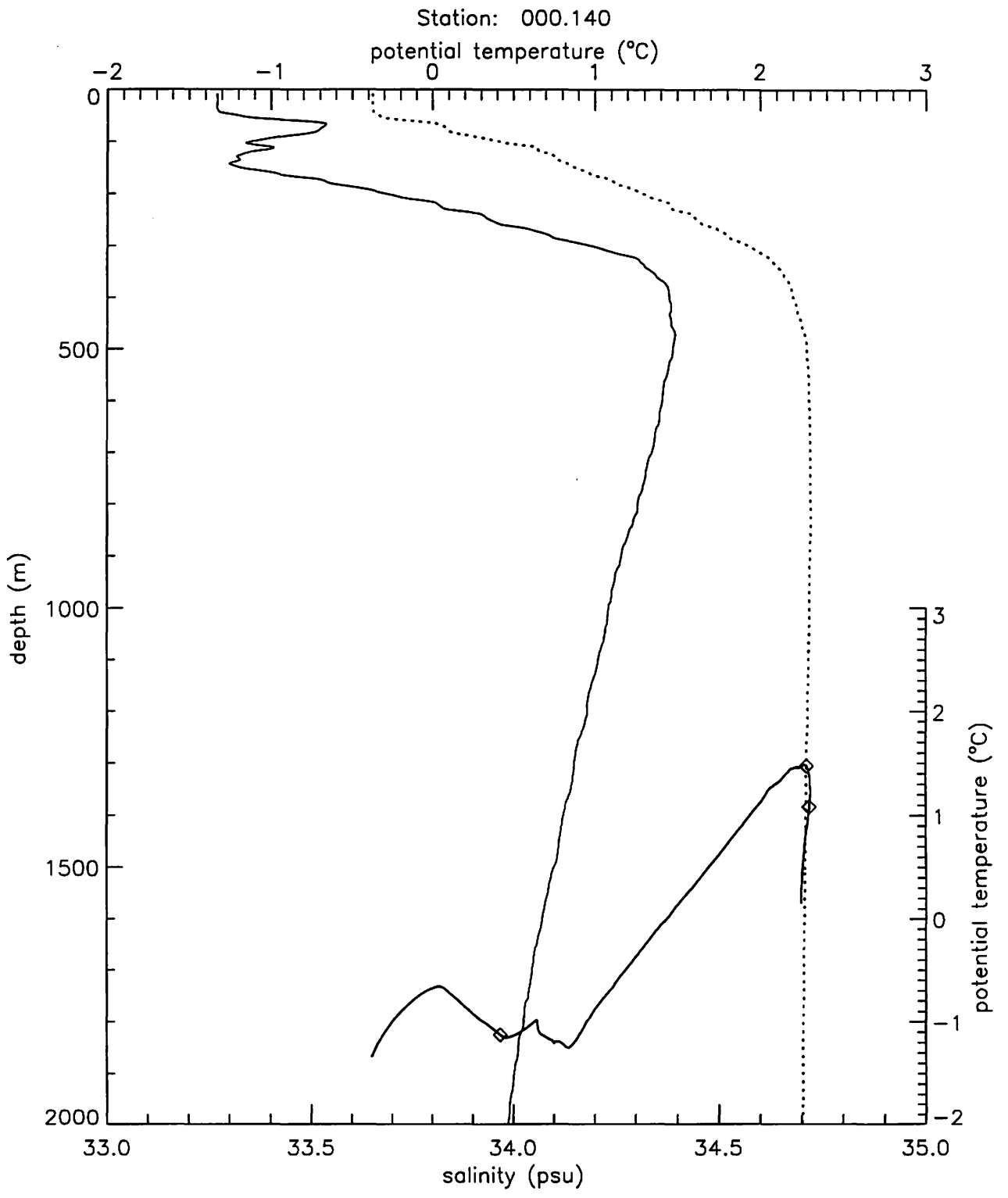
CTD salinity 33.611, Autosal salinity 33.611 at 5 m



LTER 93b	Station:	000.140 (713)	JulianDay:	120	GMT:	0647
	Latitude:	67° 59.900' S	Longitude:	75° 42.510' W	Depth:	-999 m
	Barometer:	966.6 mb	RelHumidity:	91.0%	AirTemp:	-1.7°C
	RH Temp:	-2.6°C	WindSpeed:	20.2 m s ⁻¹	WindDir:	11°

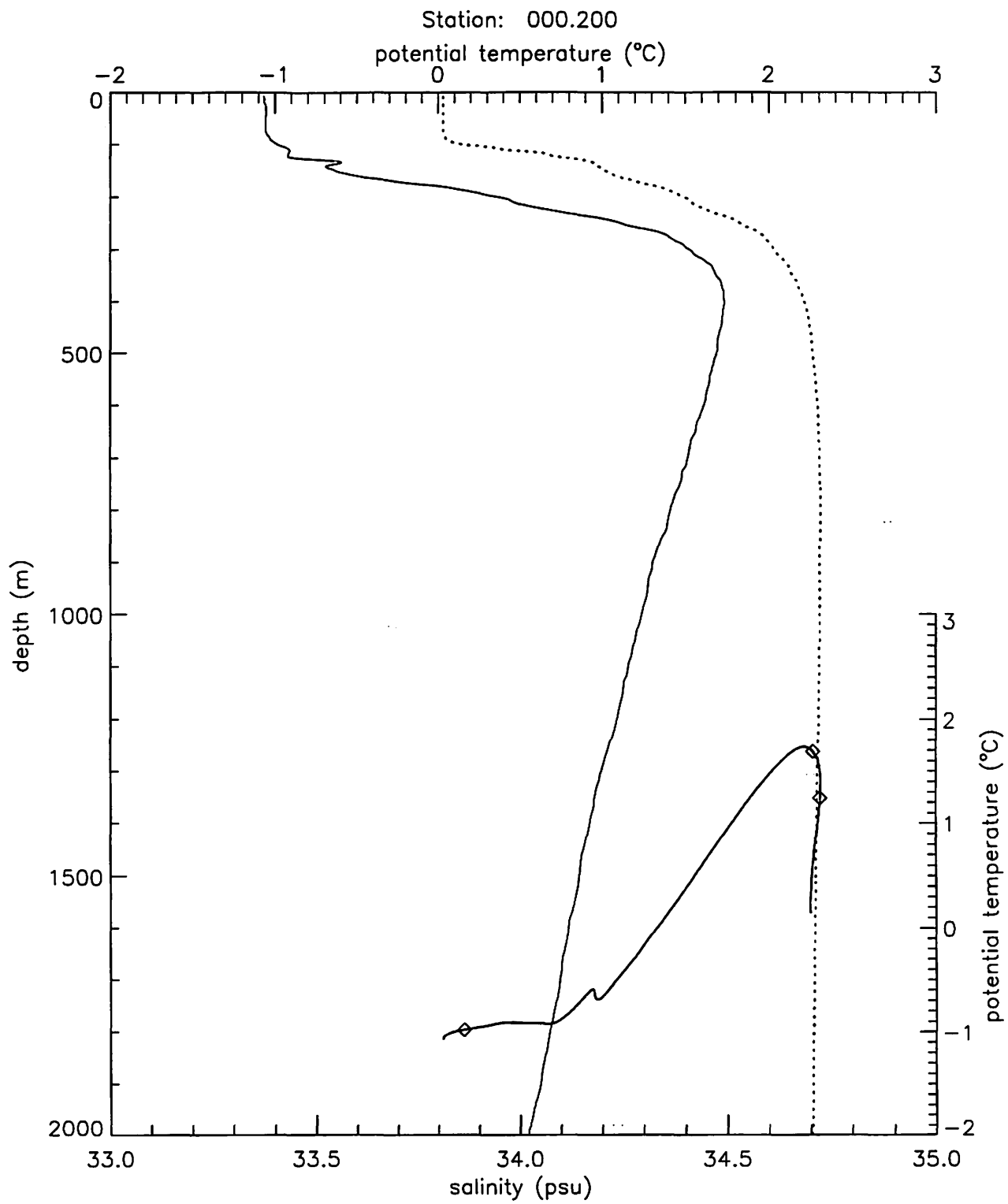
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
9	-1.329	33.650	-1.329	27.071	31.831	0.004	-1.00e-04
10	-1.330	33.650	-1.330	27.071	31.831	0.005	-8.30e-05
20	-1.327	33.651	-1.327	27.071	31.831	0.014	-3.70e-07
30	-1.330	33.650	-1.330	27.070	31.831	0.024	1.20e-07
40	-1.324	33.652	-1.325	27.071	31.832	0.034	1.50e-06
50	-1.201	33.666	-1.202	27.079	31.835	0.043	1.10e-05
60	-0.833	33.740	-0.835	27.126	31.871	0.053	9.10e-05
70	-0.669	33.825	-0.671	27.188	31.927	0.062	2.40e-05
80	-0.713	33.839	-0.715	27.201	31.941	0.071	2.00e-05
90	-0.932	33.903	-0.934	27.262	32.008	0.079	7.00e-05
100	-1.123	33.968	-1.125	27.321	32.073	0.087	4.40e-05
110	-0.985	34.056	-0.988	27.387	32.134	0.094	2.60e-05
120	-1.129	34.074	-1.132	27.407	32.158	0.101	4.60e-05
130	-1.200	34.101	-1.203	27.432	32.185	0.107	1.60e-06
140	-1.238	34.129	-1.241	27.456	32.210	0.114	2.50e-05
150	-1.172	34.155	-1.176	27.474	32.226	0.120	1.40e-05
160	-0.961	34.187	-0.965	27.493	32.238	0.126	1.20e-05
180	-0.621	34.250	-0.626	27.531	32.264	0.137	1.20e-05
200	-0.272	34.318	-0.279	27.569	32.292	0.147	1.60e-05
220	0.043	34.381	0.034	27.605	32.318	0.157	5.90e-06
240	0.320	34.438	0.310	27.635	32.340	0.167	8.80e-06
260	0.468	34.467	0.457	27.650	32.350	0.175	1.50e-05
280	0.737	34.521	0.725	27.677	32.369	0.184	5.90e-06
300	0.994	34.571	0.980	27.701	32.385	0.192	9.80e-06
320	1.235	34.616	1.219	27.721	32.398	0.200	5.70e-06
340	1.323	34.641	1.306	27.735	32.409	0.207	6.50e-06
360	1.396	34.659	1.378	27.744	32.416	0.214	2.20e-06
380	1.464	34.675	1.445	27.752	32.422	0.221	2.80e-06
400	1.473	34.680	1.453	27.756	32.426	0.228	2.30e-06
420	1.487	34.689	1.465	27.762	32.432	0.235	2.70e-06
440	1.485	34.697	1.462	27.768	32.438	0.242	2.60e-06
460	1.498	34.702	1.474	27.772	32.441	0.249	1.40e-06
480	1.508	34.710	1.482	27.777	32.446	0.256	1.90e-06
500	1.501	34.713	1.475	27.779	32.449	0.262	1.50e-07
550	1.468	34.716	1.439	27.785	32.456	0.279	2.20e-06
600	1.441	34.717	1.409	27.788	32.460	0.295	4.00e-07
650	1.414	34.720	1.379	27.791	32.465	0.311	3.00e-06
700	1.386	34.721	1.349	27.794	32.468	0.327	8.50e-07
750	1.348	34.721	1.307	27.798	32.473	0.343	7.30e-07
800	1.305	34.722	1.262	27.801	32.478	0.359	8.30e-07
850	1.257	34.722	1.211	27.804	32.483	0.375	-3.30e-08
900	1.213	34.721	1.164	27.807	32.487	0.391	3.20e-08
950	1.171	34.720	1.120	27.809	32.490	0.406	1.10e-06
1000	1.138	34.719	1.084	27.810	32.493	0.422	1.20e-07
1100	1.082	34.717	1.022	27.813	32.497	0.453	2.30e-07
1200	1.022	34.715	0.956	27.815	32.502	0.484	-2.30e-08
1300	0.950	34.713	0.878	27.818	32.508	0.514	3.30e-07
1400	0.887	34.710	0.809	27.820	32.512	0.545	9.60e-07
1500	0.834	34.709	0.750	27.822	32.516	0.574	1.60e-06
1600	0.768	34.707	0.677	27.825	32.521	0.604	3.20e-07
1700	0.709	34.705	0.612	27.827	32.526	0.634	-2.00e-08
1800	0.669	34.704	0.565	27.829	32.529	0.661	4.50e-08
1900	0.614	34.703	0.504	27.831	32.534	0.690	3.30e-08
2000	0.584	34.702	0.467	27.833	32.537	0.717	4.30e-07
2200	0.470	34.700	0.340	27.838	32.546	0.774	8.30e-07
2400	0.414	34.699	0.268	27.840	32.552	0.828	-1.70e-07
2600	0.378	34.699	0.216	27.842	32.556	0.882	1.50e-07
2800	0.348	34.699	0.169	27.844	32.560	0.936	3.00e-07
2865	0.339	34.699	0.155	27.845	32.561	0.953	-7.40e-07

CTD salinity 34.699, Autosol salinity 34.695 at 2867 m



LTER 93b	Station:	000.200 (715)	JulianDay:	120	GMT:	2203
	Latitude:	67° 34.420' S	Longitude:	76° 34.850' W	Depth:	-999 m
	Barometer:	983.7 mb	RelHumidity:	68.7%	AirTemp:	-1.9°C
	RH Temp:	-2.9°C	WindSpeed:	4.5 m s ⁻¹	WindDir:	352°

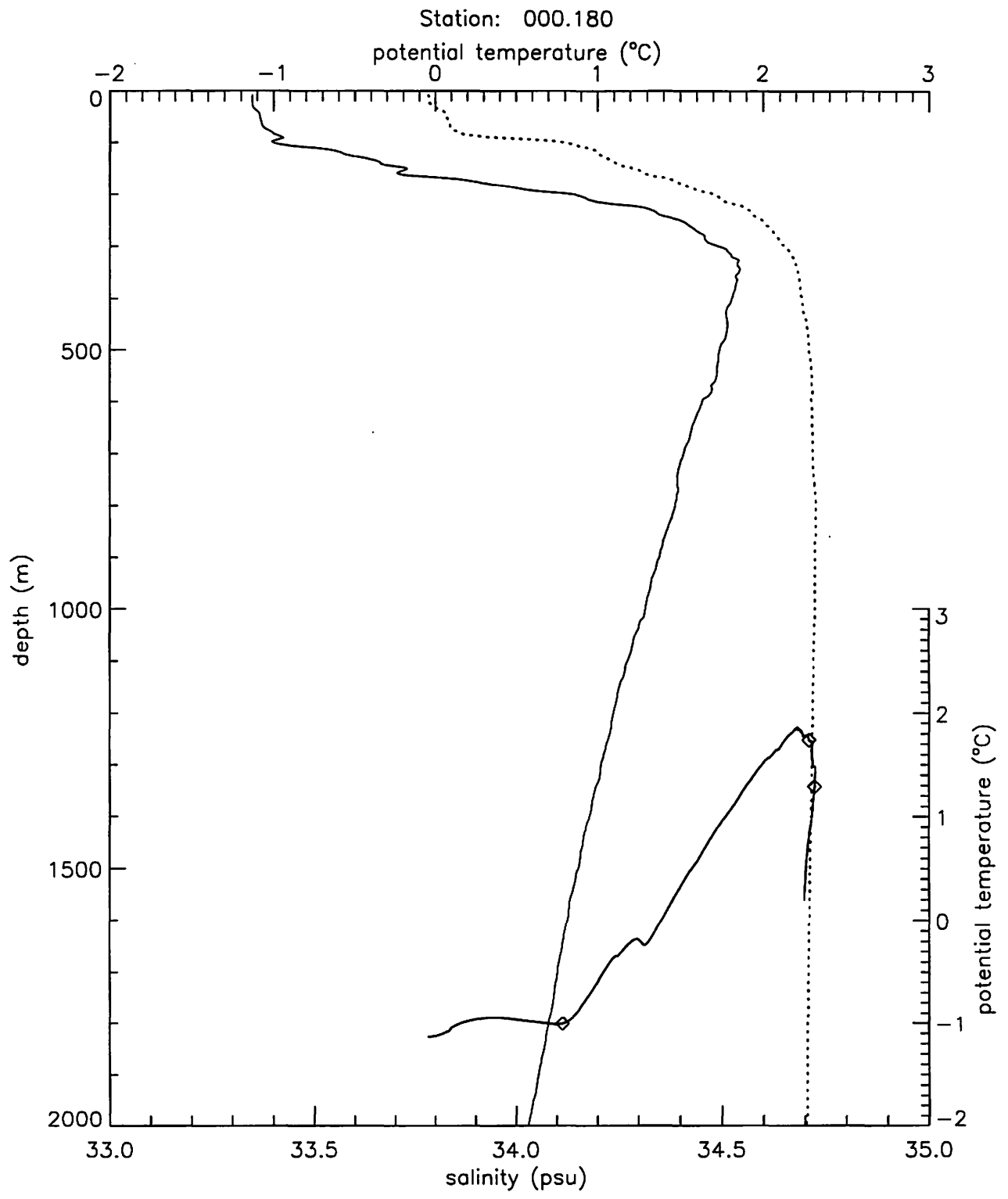
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	-1.069	33.812	-1.069	27.193	31.944	0.001	-3.30e-06
10	-1.067	33.812	-1.067	27.193	31.944	0.003	-1.80e-06
20	-1.064	33.811	-1.065	27.192	31.943	0.011	-3.40e-07
30	-1.054	33.812	-1.055	27.192	31.943	0.020	4.90e-08
40	-1.053	33.812	-1.054	27.192	31.943	0.029	3.20e-07
50	-1.055	33.812	-1.056	27.192	31.943	0.038	-1.90e-07
60	-1.055	33.812	-1.057	27.192	31.943	0.046	-4.60e-08
70	-1.055	33.812	-1.057	27.192	31.943	0.055	-2.00e-07
80	-1.048	33.813	-1.050	27.193	31.943	0.064	3.70e-06
90	-1.025	33.820	-1.028	27.198	31.948	0.072	1.40e-05
100	-0.976	33.863	-0.979	27.231	31.979	0.081	9.50e-05
110	-0.906	33.967	-0.909	27.312	32.057	0.089	1.10e-04
120	-0.918	34.069	-0.922	27.396	32.140	0.096	3.80e-05
130	-0.643	34.160	-0.647	27.458	32.193	0.102	3.50e-05
140	-0.683	34.186	-0.687	27.481	32.217	0.108	2.40e-05
150	-0.618	34.210	-0.622	27.498	32.232	0.114	8.70e-06
160	-0.480	34.238	-0.485	27.515	32.244	0.120	1.60e-05
180	0.045	34.339	0.039	27.570	32.283	0.131	2.10e-05
200	0.385	34.400	0.377	27.601	32.303	0.141	1.10e-05
220	0.621	34.441	0.612	27.620	32.315	0.150	9.60e-06
240	1.011	34.510	1.000	27.651	32.335	0.159	1.20e-05
260	1.280	34.559	1.268	27.672	32.348	0.168	1.10e-05
280	1.444	34.592	1.430	27.687	32.358	0.176	6.10e-06
300	1.548	34.615	1.533	27.698	32.366	0.184	4.70e-06
320	1.637	34.637	1.620	27.709	32.374	0.192	4.40e-06
340	1.695	34.653	1.677	27.717	32.381	0.200	2.50e-06
360	1.734	34.668	1.715	27.726	32.389	0.208	3.20e-06
380	1.752	34.678	1.732	27.733	32.395	0.215	4.30e-06
400	1.758	34.686	1.736	27.739	32.401	0.223	2.20e-06
420	1.750	34.694	1.727	27.746	32.408	0.230	1.50e-06
440	1.745	34.697	1.721	27.749	32.412	0.237	1.00e-06
460	1.731	34.702	1.706	27.754	32.417	0.244	2.10e-06
480	1.720	34.703	1.694	27.756	32.419	0.251	3.40e-07
500	1.717	34.706	1.689	27.758	32.422	0.259	1.80e-06
550	1.677	34.712	1.647	27.766	32.431	0.276	6.80e-07
600	1.643	34.717	1.610	27.773	32.439	0.293	2.00e-06
650	1.597	34.720	1.561	27.779	32.447	0.310	2.10e-06
700	1.555	34.722	1.516	27.783	32.453	0.327	1.00e-06
750	1.509	34.724	1.468	27.788	32.459	0.344	1.30e-06
800	1.456	34.724	1.412	27.792	32.465	0.360	1.00e-06
850	1.413	34.724	1.366	27.795	32.469	0.377	1.40e-06
900	1.356	34.723	1.306	27.798	32.474	0.393	1.10e-07
950	1.329	34.723	1.276	27.800	32.477	0.409	3.40e-07
1000	1.296	34.722	1.240	27.802	32.480	0.425	6.60e-07
1100	1.220	34.721	1.158	27.806	32.487	0.457	5.30e-07
1200	1.156	34.719	1.089	27.809	32.492	0.489	5.10e-07
1300	1.068	34.716	0.995	27.813	32.499	0.521	1.20e-06
1400	1.004	34.714	0.924	27.815	32.504	0.551	2.90e-07
1500	0.944	34.712	0.859	27.818	32.509	0.582	6.00e-07
1600	0.887	34.710	0.795	27.820	32.513	0.612	2.60e-07
1700	0.842	34.708	0.743	27.821	32.517	0.642	1.20e-07
1800	0.787	34.707	0.682	27.824	32.521	0.673	3.80e-07
1900	0.736	34.705	0.624	27.826	32.525	0.703	5.70e-07
2000	0.670	34.704	0.551	27.828	32.530	0.732	6.60e-07
2200	0.545	34.701	0.413	27.834	32.541	0.790	1.40e-06
2400	0.465	34.700	0.318	27.838	32.548	0.846	8.00e-08
2600	0.416	34.699	0.254	27.840	32.553	0.901	8.30e-08
2800	0.380	34.699	0.201	27.842	32.557	0.956	3.80e-07
3000	0.350	34.699	0.155	27.844	32.561	1.010	3.80e-07
3033	0.351	34.699	0.153	27.844	32.561	1.018	5.30e-07



LTER 93b	Station:	000.180 (721)	JulianDay:	121	GMT:	0353
	Latitude:	67° 42.840' S	Longitude:	76° 17.580' W	Depth:	-999 m
	Barometer:	980.0 mb	RelHumidity:	95.0%	AirTemp:	-1.9°C
	RH Temp:	-2.9°C	WindSpeed:	12.3 m s ⁻¹	WindDir:	18°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
8	-1.132	33.781	-1.132	27.170	31.923	0.003	-7.70e-05
10	-1.131	33.782	-1.132	27.171	31.924	0.004	-5.10e-05
20	-1.131	33.784	-1.132	27.173	31.926	0.012	2.80e-08
30	-1.127	33.795	-1.128	27.181	31.934	0.021	1.30e-05
40	-1.096	33.820	-1.097	27.201	31.953	0.030	1.20e-05
50	-1.083	33.827	-1.084	27.206	31.957	0.038	2.20e-06
60	-1.075	33.834	-1.076	27.211	31.962	0.047	2.70e-06
70	-1.062	33.837	-1.063	27.213	31.963	0.055	7.40e-07
80	-1.009	33.856	-1.011	27.227	31.976	0.064	1.80e-05
90	-0.942	33.932	-0.944	27.286	32.032	0.072	1.50e-04
100	-1.000	34.114	-1.003	27.436	32.182	0.079	4.40e-05
110	-0.752	34.173	-0.755	27.473	32.212	0.085	2.70e-05
120	-0.576	34.202	-0.580	27.490	32.222	0.091	6.10e-06
130	-0.434	34.224	-0.438	27.501	32.229	0.097	1.10e-05
140	-0.334	34.248	-0.339	27.515	32.240	0.103	1.40e-05
150	-0.174	34.292	-0.179	27.543	32.263	0.108	3.20e-05
160	-0.228	34.316	-0.233	27.566	32.287	0.113	1.40e-05
180	0.347	34.402	0.340	27.605	32.309	0.123	1.00e-05
200	0.863	34.484	0.854	27.639	32.327	0.133	1.30e-05
220	1.156	34.535	1.146	27.661	32.340	0.141	1.40e-05
240	1.395	34.575	1.383	27.677	32.349	0.150	5.60e-06
260	1.566	34.609	1.553	27.691	32.359	0.158	7.80e-06
280	1.663	34.634	1.649	27.704	32.369	0.166	5.80e-06
300	1.751	34.652	1.735	27.712	32.375	0.174	4.30e-06
320	1.832	34.671	1.815	27.721	32.381	0.182	3.00e-06
340	1.876	34.682	1.857	27.727	32.386	0.189	2.70e-06
360	1.858	34.685	1.838	27.731	32.390	0.197	1.10e-06
380	1.856	34.690	1.835	27.735	32.394	0.204	1.70e-06
400	1.836	34.694	1.814	27.739	32.399	0.212	3.40e-06
420	1.806	34.696	1.783	27.744	32.405	0.219	1.80e-06
440	1.807	34.703	1.782	27.749	32.410	0.226	2.20e-06
460	1.809	34.707	1.783	27.752	32.413	0.234	2.10e-06
480	1.795	34.709	1.769	27.755	32.417	0.241	3.10e-06
500	1.767	34.711	1.739	27.758	32.421	0.248	1.30e-06
550	1.752	34.717	1.721	27.764	32.428	0.265	2.00e-06
600	1.667	34.717	1.634	27.770	32.436	0.283	5.00e-07
650	1.607	34.718	1.572	27.776	32.444	0.300	7.80e-07
700	1.560	34.720	1.522	27.781	32.450	0.317	1.00e-06
750	1.526	34.722	1.484	27.785	32.456	0.334	1.20e-06
800	1.512	34.726	1.467	27.790	32.461	0.351	1.70e-07
850	1.464	34.726	1.417	27.793	32.466	0.367	1.20e-06
900	1.426	34.725	1.375	27.795	32.469	0.384	1.40e-06
950	1.378	34.724	1.325	27.798	32.474	0.400	8.90e-07
1000	1.346	34.724	1.290	27.800	32.477	0.416	2.70e-07
1100	1.244	34.721	1.182	27.805	32.485	0.449	1.30e-06
1200	1.163	34.719	1.095	27.808	32.492	0.480	5.70e-07
1300	1.095	34.717	1.021	27.812	32.497	0.512	2.10e-07
1400	1.030	34.715	0.950	27.814	32.503	0.544	5.20e-07
1500	0.968	34.713	0.882	27.817	32.507	0.575	1.40e-06
1600	0.908	34.711	0.815	27.819	32.512	0.606	1.00e-06
1700	0.852	34.709	0.754	27.821	32.516	0.636	6.80e-07
1800	0.803	34.707	0.698	27.823	32.520	0.667	-6.50e-08
1900	0.750	34.706	0.637	27.825	32.524	0.697	8.40e-07
2000	0.692	34.704	0.573	27.828	32.529	0.726	9.70e-07
2200	0.592	34.702	0.459	27.832	32.537	0.785	1.80e-06
2400	0.505	34.701	0.358	27.836	32.545	0.842	1.00e-06
2600	0.441	34.699	0.278	27.839	32.551	0.898	2.20e-07
2800	0.394	34.699	0.215	27.841	32.556	0.953	3.10e-07
2875	0.391	34.699	0.205	27.841	32.557	0.973	3.60e-06

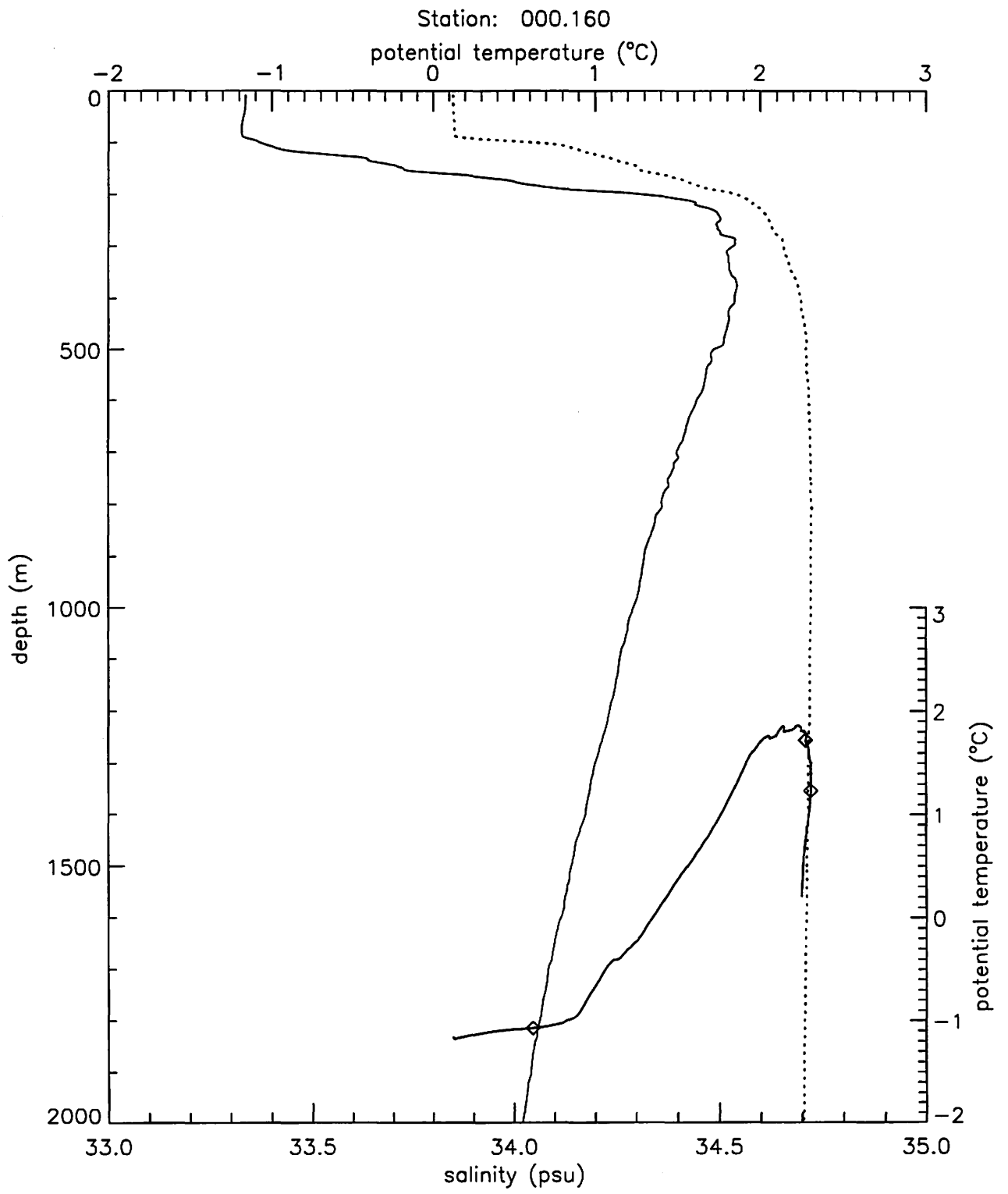
CTD salinity 34.720, Autososal salinity 34.724 at 1150 m
CTD salinity 34.699, Autososal salinity 34.699 at 2876 m



LTER 93b	Station:	000.160 (726)	JulianDay:	121	GMT:	0925
	Latitude:	67° 51.400' S	Longitude:	76° 0.400' W	Depth:	2202 m
	Barometer:	973.3 mb	RelHumidity:	97.7%	AirTemp:	0.4°C
	RH Temp:	-0.6°C	WindSpeed:	13.2 m s ⁻¹	WindDir:	353°

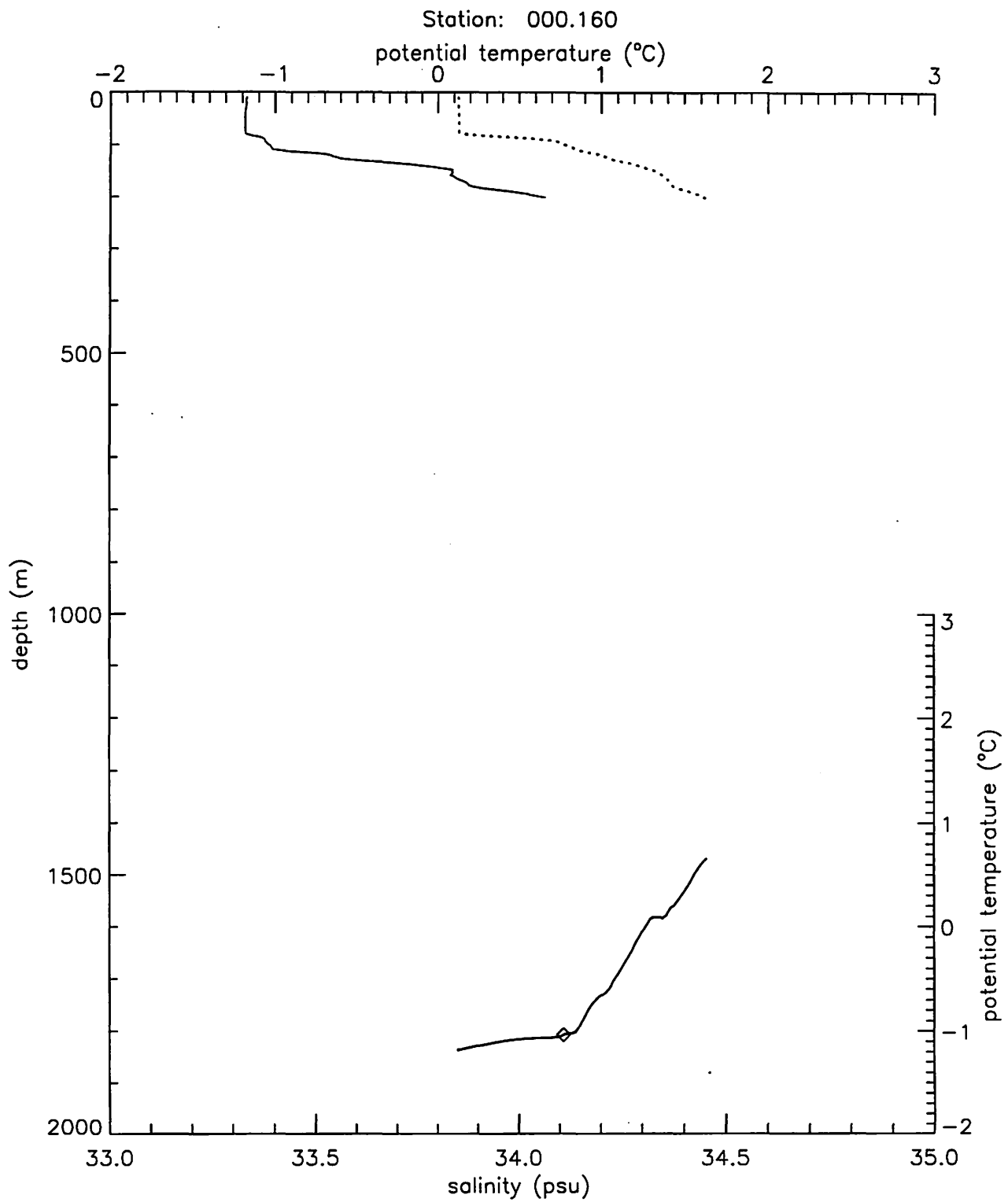
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
8	-1.160	33.850	-1.160	27.227	31.981	0.001	8.10e-07
10	-1.161	33.850	-1.161	27.227	31.981	0.002	-2.00e-08
20	-1.162	33.850	-1.162	27.227	31.981	0.010	1.60e-07
30	-1.162	33.851	-1.163	27.227	31.981	0.018	8.80e-07
40	-1.164	33.851	-1.165	27.228	31.982	0.027	7.10e-07
50	-1.173	33.852	-1.174	27.229	31.983	0.035	1.20e-06
60	-1.178	33.853	-1.180	27.230	31.984	0.044	4.80e-07
70	-1.184	33.853	-1.185	27.230	31.984	0.052	3.80e-07
80	-1.182	33.853	-1.184	27.230	31.985	0.060	3.70e-07
90	-1.167	33.862	-1.170	27.237	31.991	0.069	6.40e-05
100	-1.071	34.047	-1.074	27.384	32.133	0.076	1.50e-04
110	-0.974	34.145	-0.977	27.459	32.205	0.083	3.50e-05
120	-0.732	34.188	-0.735	27.485	32.222	0.089	2.40e-05
130	-0.424	34.239	-0.428	27.512	32.240	0.094	2.70e-05
140	-0.303	34.278	-0.308	27.539	32.263	0.100	2.90e-05
150	-0.181	34.309	-0.186	27.557	32.277	0.105	7.20e-06
160	0.073	34.350	0.067	27.577	32.289	0.110	3.20e-05
180	0.576	34.437	0.569	27.619	32.316	0.120	1.30e-05
200	1.295	34.541	1.286	27.656	32.331	0.129	1.00e-05
220	1.621	34.583	1.610	27.667	32.333	0.138	4.70e-06
240	1.763	34.614	1.750	27.681	32.343	0.146	5.50e-06
260	1.752	34.624	1.738	27.690	32.352	0.154	3.90e-06
280	1.802	34.642	1.787	27.700	32.361	0.163	8.90e-07
300	1.853	34.657	1.837	27.709	32.368	0.170	4.50e-06
320	1.827	34.665	1.810	27.717	32.377	0.178	4.70e-06
340	1.833	34.673	1.814	27.723	32.383	0.186	2.90e-06
360	1.864	34.685	1.845	27.730	32.389	0.194	1.90e-06
380	1.881	34.693	1.860	27.735	32.394	0.201	2.70e-06
400	1.868	34.697	1.846	27.740	32.399	0.208	2.50e-06
420	1.838	34.699	1.815	27.743	32.404	0.216	1.40e-06
440	1.837	34.704	1.812	27.747	32.408	0.223	2.30e-06
460	1.823	34.708	1.798	27.752	32.412	0.230	2.60e-06
480	1.807	34.711	1.781	27.755	32.417	0.237	2.00e-06
500	1.747	34.710	1.720	27.759	32.422	0.245	1.50e-06
550	1.703	34.713	1.672	27.765	32.430	0.262	1.50e-06
600	1.650	34.717	1.617	27.772	32.438	0.279	1.00e-06
650	1.591	34.719	1.555	27.778	32.446	0.297	9.30e-07
700	1.536	34.721	1.498	27.784	32.454	0.313	8.90e-07
750	1.488	34.721	1.447	27.787	32.459	0.330	8.40e-07
800	1.449	34.723	1.405	27.792	32.465	0.347	1.50e-06
850	1.396	34.722	1.349	27.795	32.470	0.363	1.40e-06
900	1.350	34.722	1.301	27.798	32.474	0.379	6.30e-07
950	1.327	34.722	1.274	27.800	32.477	0.395	5.50e-07
1000	1.288	34.722	1.233	27.802	32.481	0.412	1.50e-06
1100	1.211	34.720	1.149	27.806	32.488	0.444	3.00e-07
1200	1.154	34.719	1.087	27.809	32.493	0.475	4.90e-07
1300	1.073	34.716	1.000	27.813	32.499	0.507	4.20e-07
1400	1.018	34.715	0.939	27.815	32.503	0.538	6.10e-07
1500	0.938	34.712	0.852	27.818	32.509	0.569	7.30e-07
1600	0.879	34.710	0.787	27.820	32.514	0.600	1.90e-06
1700	0.809	34.708	0.710	27.823	32.519	0.630	1.50e-07
1800	0.764	34.706	0.659	27.825	32.523	0.660	8.90e-07
1900	0.715	34.705	0.604	27.827	32.526	0.690	3.00e-07
2000	0.671	34.704	0.552	27.829	32.530	0.720	6.40e-07
2200	0.546	34.702	0.414	27.834	32.541	0.777	1.00e-06
2400	0.458	34.700	0.311	27.838	32.548	0.833	1.00e-06
2600	0.403	34.699	0.241	27.841	32.554	0.888	3.00e-07
2782	0.382	34.699	0.205	27.842	32.557	0.937	1.90e-07

CTD salinity 34.699, Autosal salinity 34.701 at 2785 m



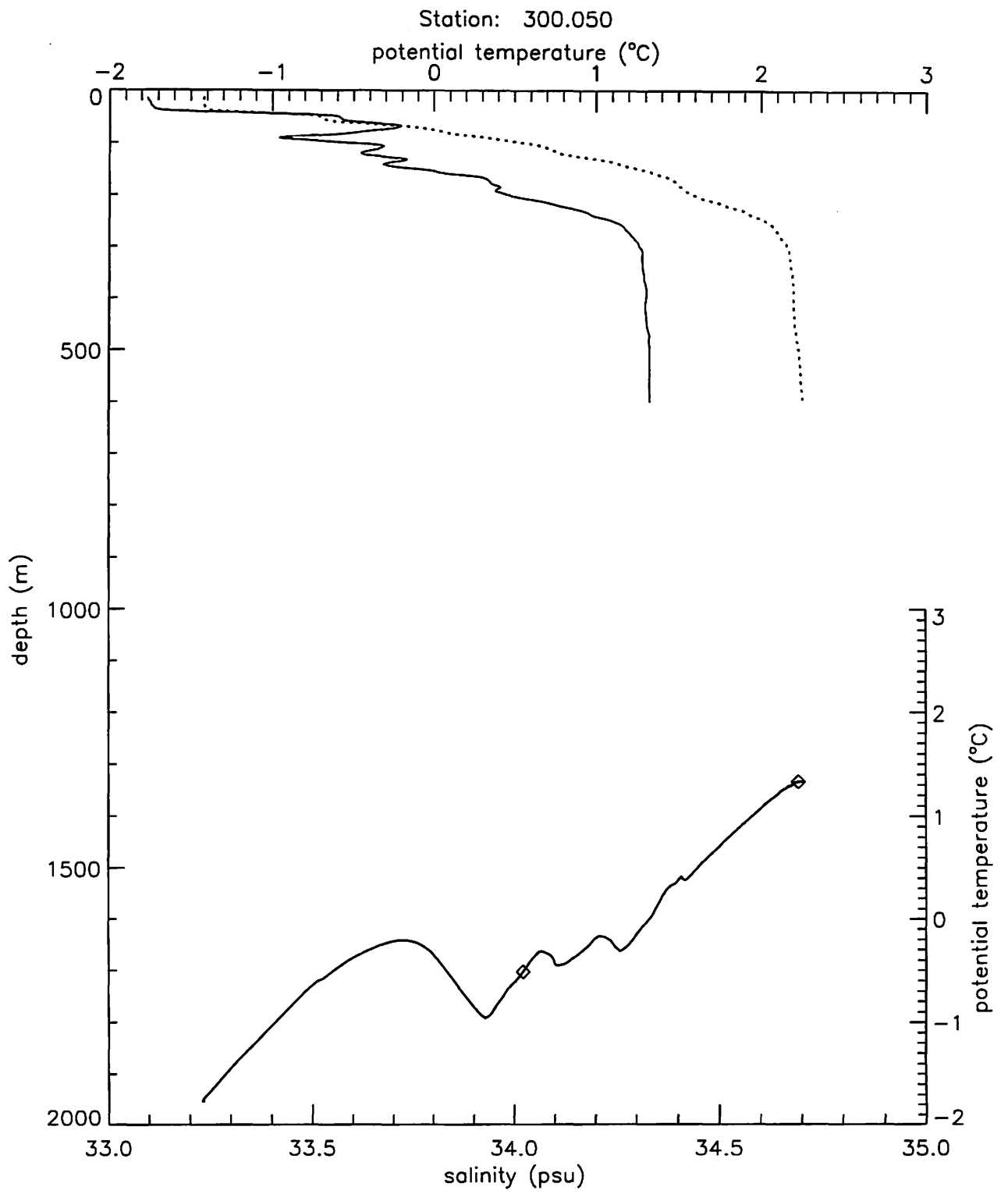
LTER 93b	Station:	000.160 (728)	JulianDay:	121	GMT:	1105
	Latitude:	67° 51.180' S	Longitude:	75° 59.900' W	Depth:	-999 m
	Barometer:	973.4 mb	RelHumidity:	90.6%	AirTemp:	-0.2°C
	RH Temp:	-1.2°C	WindSpeed:	14.8 m s ⁻¹	WindDir:	347°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
9	-1.171	33.851	-1.172	27.228	31.982	0.032	-4.70e-05
10	-1.172	33.851	-1.172	27.228	31.982	0.032	-3.80e-05
20	-1.175	33.851	-1.175	27.228	31.982	0.040	-1.40e-06
30	-1.179	33.851	-1.180	27.228	31.983	0.048	1.20e-07
40	-1.182	33.852	-1.183	27.229	31.983	0.056	-8.80e-08
50	-1.182	33.852	-1.183	27.229	31.983	0.065	-2.80e-07
60	-1.182	33.852	-1.183	27.229	31.983	0.073	3.90e-07
70	-1.182	33.852	-1.184	27.229	31.984	0.082	-9.10e-09
80	-1.167	33.867	-1.169	27.241	31.995	0.090	8.50e-05
90	-1.063	34.054	-1.066	27.389	32.138	0.097	9.50e-05
100	-1.033	34.110	-1.036	27.434	32.181	0.104	2.20e-05
110	-0.977	34.144	-0.980	27.459	32.205	0.110	1.80e-05
120	-0.654	34.201	-0.657	27.492	32.227	0.116	3.30e-05
130	-0.464	34.240	-0.468	27.515	32.244	0.122	2.40e-05
140	-0.103	34.292	-0.108	27.540	32.258	0.127	1.50e-05
150	0.095	34.332	0.089	27.562	32.274	0.133	1.30e-05
160	0.099	34.353	0.093	27.579	32.290	0.136	1.30e-05
180	0.219	34.378	0.212	27.592	32.300	0.146	1.10e-05
197	0.590	34.437	0.581	27.619	32.315	0.153	1.70e-05



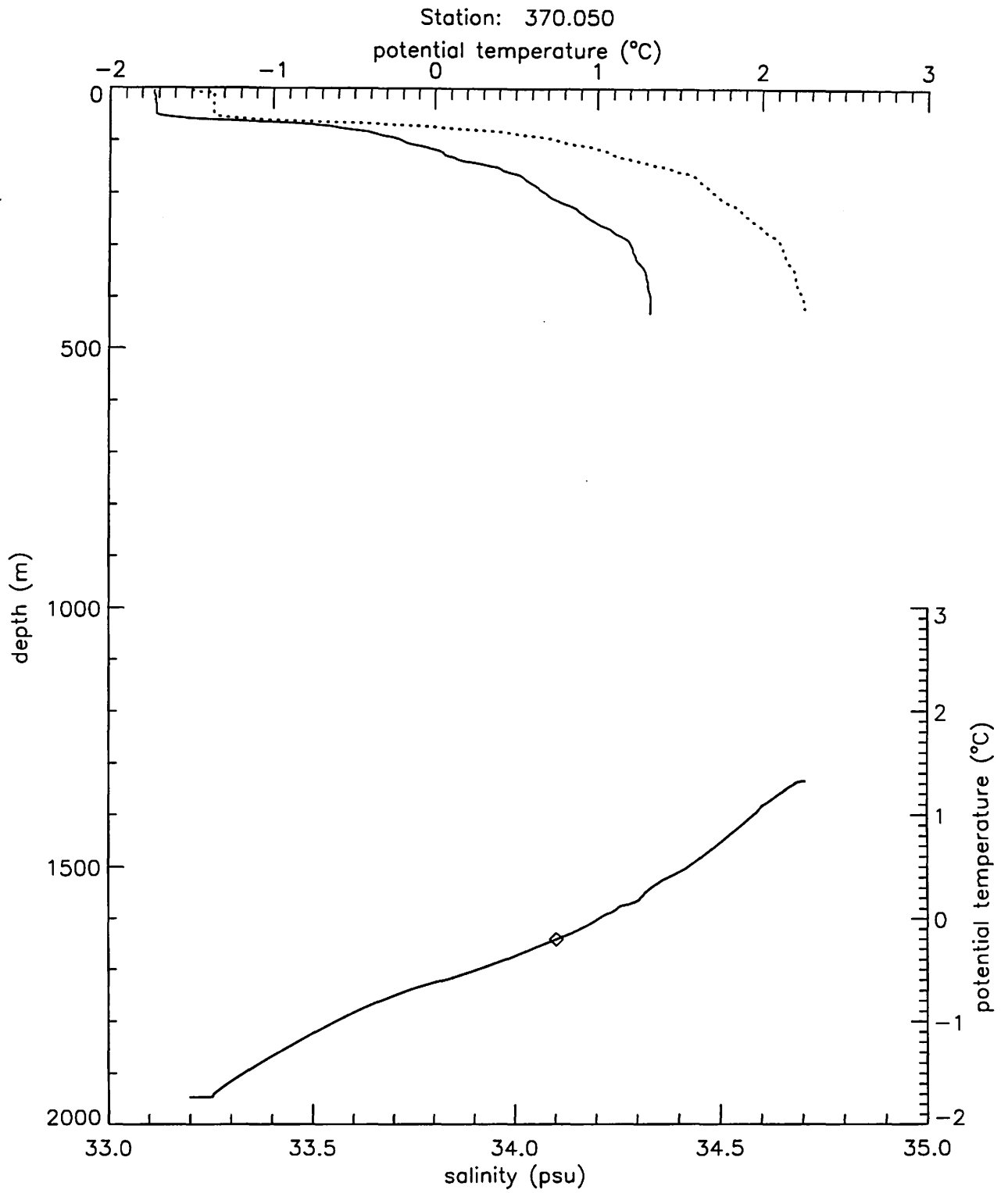
LTER 93b	Station:	300.050 (768)	JulianDay:	123	GMT:	1827
	Latitude:	66° 30.680' S	Longitude:	68° 16.560' W	Depth:	-999 m
	Barometer:	982.8 mb	RelHumidity:	84.6%	AirTemp:	-8.4°C
	RH Temp:	-9.6°C	WindSpeed:	15.3 m s ⁻¹	WindDir:	13°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
14	-1.764	33.234	-1.764	26.744	31.522	0.003	-7.60e-04
20	-1.755	33.231	-1.755	26.742	31.519	0.009	-1.10e-06
30	-1.735	33.233	-1.736	26.743	31.520	0.017	4.70e-06
40	-1.533	33.280	-1.533	26.776	31.546	0.030	8.70e-05
50	-0.588	33.520	-0.589	26.938	31.677	0.042	5.00e-05
60	-0.452	33.570	-0.454	26.972	31.707	0.053	8.10e-05
70	-0.224	33.753	-0.226	27.111	31.837	0.063	9.50e-05
80	-0.487	33.829	-0.489	27.183	31.917	0.072	6.20e-05
90	-0.957	33.929	-0.959	27.283	32.030	0.081	8.70e-05
100	-0.511	34.022	-0.514	27.341	32.073	0.088	4.80e-05
110	-0.332	34.081	-0.336	27.381	32.107	0.095	3.60e-05
120	-0.450	34.110	-0.454	27.409	32.139	0.101	2.20e-05
130	-0.190	34.198	-0.195	27.468	32.189	0.108	4.10e-05
140	-0.302	34.258	-0.307	27.522	32.246	0.113	3.50e-05
150	-0.099	34.310	-0.104	27.554	32.272	0.119	2.90e-05
160	0.121	34.348	0.115	27.574	32.285	0.124	1.10e-05
180	0.373	34.398	0.366	27.600	32.303	0.134	6.50e-06
200	0.464	34.438	0.456	27.627	32.327	0.143	1.00e-05
220	0.769	34.513	0.760	27.668	32.359	0.152	1.50e-05
240	0.997	34.576	0.986	27.705	32.389	0.160	1.00e-05
260	1.182	34.630	1.170	27.735	32.414	0.168	8.00e-06
280	1.240	34.647	1.226	27.745	32.422	0.175	3.10e-06
300	1.285	34.664	1.270	27.756	32.431	0.182	2.30e-06
320	1.299	34.671	1.284	27.761	32.436	0.189	2.10e-06
340	1.304	34.673	1.287	27.762	32.437	0.195	5.40e-07
360	1.313	34.677	1.295	27.764	32.439	0.202	5.50e-07
380	1.329	34.679	1.309	27.765	32.439	0.209	4.70e-07
400	1.330	34.680	1.310	27.766	32.440	0.216	9.90e-07
420	1.326	34.681	1.305	27.766	32.441	0.222	1.10e-07
440	1.333	34.682	1.311	27.767	32.441	0.229	1.20e-09
460	1.340	34.683	1.317	27.768	32.442	0.236	1.00e-06
480	1.349	34.688	1.324	27.771	32.445	0.243	1.90e-06
500	1.354	34.693	1.329	27.774	32.448	0.249	1.40e-06
550	1.356	34.697	1.328	27.777	32.451	0.266	7.80e-07
596	1.357	34.701	1.326	27.781	32.455	0.281	8.60e-07



LTER 93b	Station:	370.050 (774)	JulianDay:	124	GMT:	0058
	Latitude:	66° 22.940' S	Longitude:	67° 57.550' W	Depth:	435 m
	Barometer:	988.5 mb	RelHumidity:	68.0%	AirTemp:	-7.1°C
	RH Temp:	-8.4°C	WindSpeed:	2.6 m s ⁻¹	WindDir:	5°

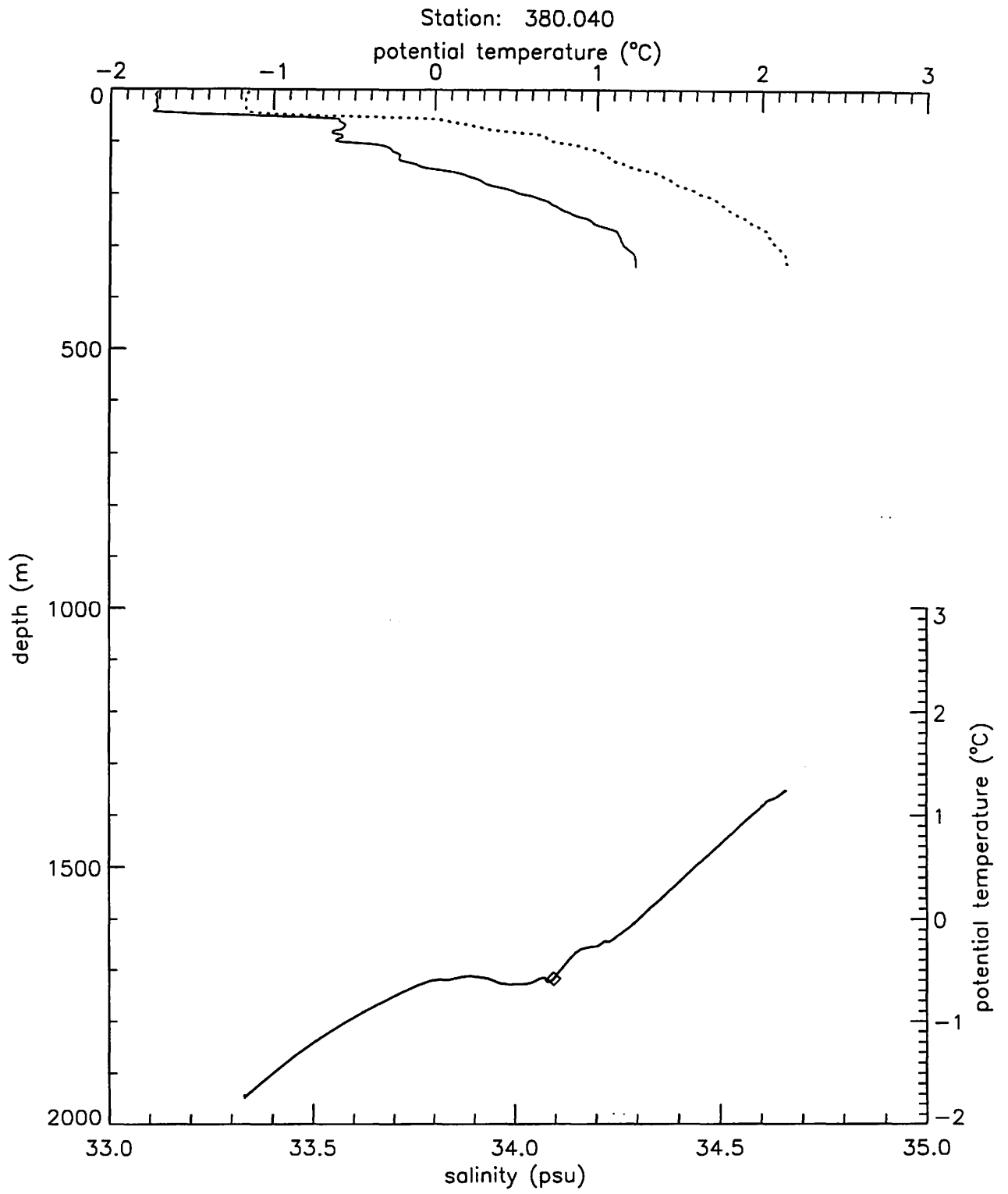
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-1.727	33.199	-1.728	26.715	31.492	0.003	-1.10e-04
10	-1.729	33.256	-1.729	26.761	31.538	0.007	-1.60e-04
20	-1.720	33.255	-1.721	26.760	31.537	0.020	-2.10e-07
30	-1.717	33.254	-1.717	26.760	31.536	0.033	-3.30e-07
40	-1.713	33.254	-1.714	26.759	31.536	0.046	-3.10e-07
50	-1.712	33.254	-1.713	26.759	31.536	0.059	3.50e-07
60	-1.430	33.359	-1.432	26.837	31.604	0.071	1.60e-04
70	-0.729	33.716	-0.731	27.103	31.844	0.082	2.10e-04
80	-0.497	33.910	-0.499	27.250	31.982	0.091	1.40e-04
90	-0.324	34.028	-0.327	27.337	32.064	0.099	6.30e-05
100	-0.202	34.103	-0.206	27.392	32.115	0.106	2.70e-05
110	-0.092	34.164	-0.096	27.436	32.155	0.112	5.50e-05
120	0.032	34.218	0.027	27.473	32.188	0.118	3.10e-05
130	0.096	34.249	0.091	27.495	32.207	0.124	2.30e-05
140	0.210	34.308	0.205	27.537	32.245	0.130	2.80e-05
150	0.384	34.364	0.378	27.572	32.275	0.135	3.80e-05
160	0.469	34.407	0.462	27.602	32.302	0.138	2.70e-05
180	0.596	34.453	0.588	27.631	32.327	0.147	9.40e-06
200	0.692	34.484	0.683	27.650	32.343	0.156	1.20e-05
220	0.804	34.519	0.794	27.671	32.361	0.165	1.30e-05
240	0.925	34.556	0.914	27.694	32.380	0.173	8.30e-06
260	1.027	34.586	1.014	27.711	32.394	0.181	8.30e-06
280	1.148	34.622	1.135	27.731	32.411	0.188	1.30e-05
300	1.222	34.646	1.207	27.746	32.423	0.195	4.70e-06
320	1.249	34.656	1.233	27.752	32.428	0.202	3.10e-06
340	1.290	34.670	1.273	27.761	32.436	0.209	7.10e-06
360	1.316	34.680	1.298	27.767	32.441	0.216	7.50e-07
380	1.331	34.686	1.312	27.770	32.444	0.223	1.30e-06
400	1.346	34.700	1.326	27.780	32.454	0.229	2.60e-06
420	1.347	34.703	1.326	27.783	32.457	0.236	1.30e-06
428	1.347	34.704	1.326	27.784	32.458	0.238	2.60e-08



LTER 93b	Station:	380.040 (775)	JulianDay:	124	GMT:	0300
	Latitude:	66° 72.900' S	Longitude:	67° 38.690' W	Depth:	360 m
	Barometer:	989.4 mb	RelHumidity:	71.3%	AirTemp:	-6.9°C
	RH Temp:	-8.2°C	WindSpeed:	7.3 m s ⁻¹	WindDir:	351°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-1.710	33.338	-1.710	26.827	31.603	0.002	-6.90e-05
10	-1.723	33.333	-1.723	26.824	31.600	0.006	-7.00e-06
20	-1.715	33.331	-1.716	26.822	31.598	0.018	-7.40e-07
30	-1.714	33.331	-1.715	26.822	31.598	0.031	7.00e-07
40	-1.723	33.332	-1.723	26.823	31.599	0.043	1.40e-06
50	-1.163	33.516	-1.164	26.955	31.712	0.055	3.50e-04
60	-0.595	33.830	-0.597	27.190	31.926	0.064	5.90e-05
70	-0.562	33.899	-0.564	27.244	31.979	0.073	5.00e-05
80	-0.636	33.977	-0.638	27.310	32.047	0.081	1.20e-04
90	-0.572	34.073	-0.575	27.385	32.119	0.088	1.10e-05
100	-0.583	34.096	-0.586	27.404	32.138	0.095	2.70e-05
110	-0.297	34.162	-0.300	27.445	32.169	0.101	3.20e-05
120	-0.251	34.209	-0.255	27.480	32.203	0.107	1.90e-05
130	-0.220	34.228	-0.224	27.494	32.216	0.113	1.20e-05
140	-0.157	34.254	-0.162	27.512	32.232	0.119	2.60e-05
150	-0.053	34.288	-0.058	27.534	32.250	0.125	2.60e-05
160	0.160	34.346	0.154	27.570	32.280	0.130	2.20e-05
180	0.323	34.391	0.316	27.597	32.301	0.140	1.20e-05
200	0.556	34.453	0.548	27.634	32.331	0.149	2.20e-05
220	0.740	34.504	0.730	27.663	32.355	0.158	9.60e-06
240	0.881	34.542	0.870	27.685	32.372	0.166	1.00e-05
260	1.034	34.585	1.022	27.710	32.393	0.174	1.60e-05
280	1.153	34.617	1.139	27.728	32.407	0.182	6.40e-06
300	1.186	34.637	1.171	27.741	32.419	0.189	8.50e-06
320	1.250	34.658	1.234	27.754	32.430	0.196	1.90e-06
335	1.256	34.661	1.239	27.755	32.432	0.201	4.80e-07

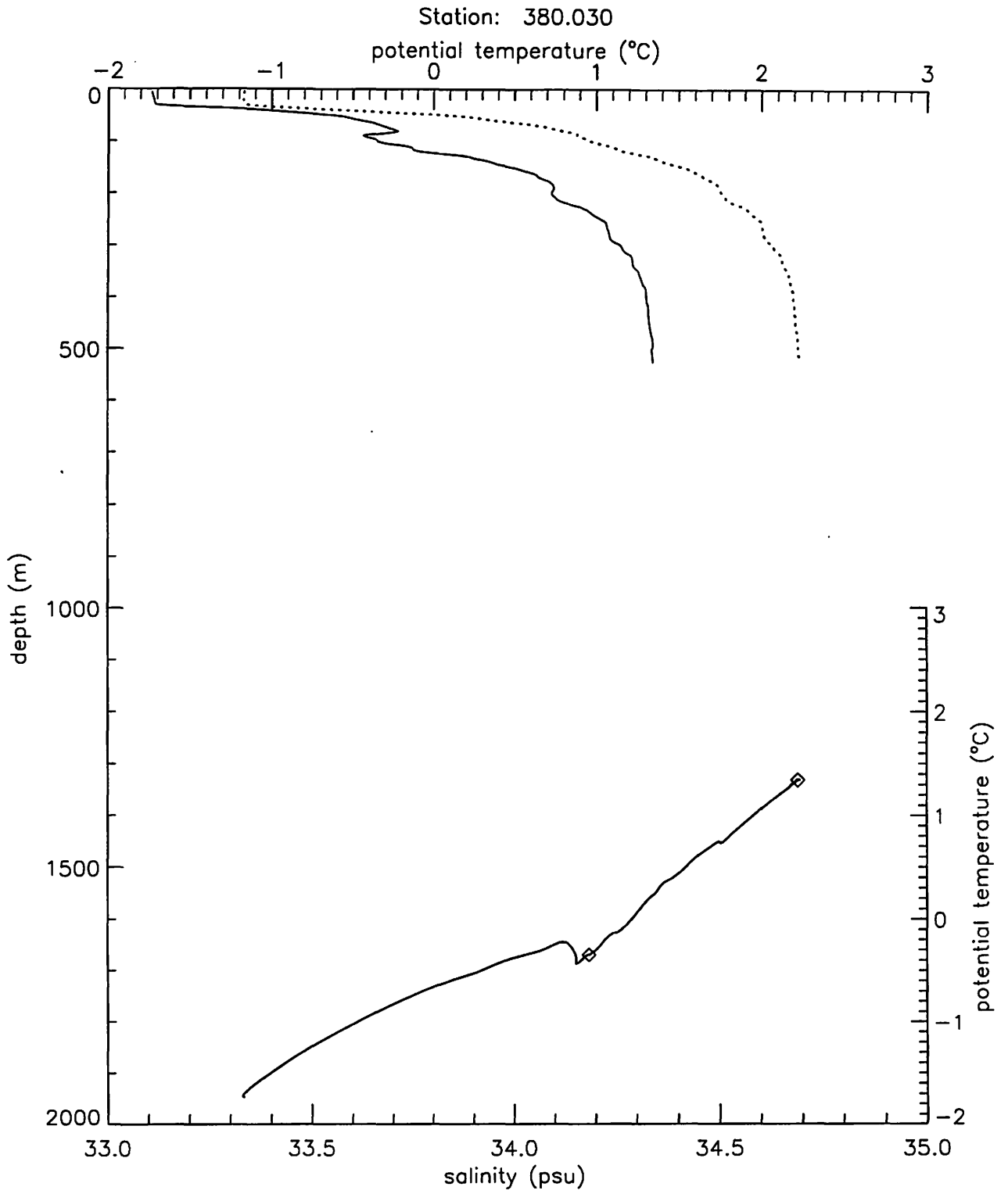
CTD salinity 33.332, Autosal salinity 33.337 at 5 m



LTER 93b	Station:	380.030 (776)	JulianDay:	124	GMT:	0451
	Latitude:	66° 26.180' S	Longitude:	67° 30.250' W	Depth:	553 m
	Barometer:	990.3 mb	RelHumidity:	66.7%	AirTemp:	-6.1°C
	RH Temp:	-7.4°C	WindSpeed:	8.1 m s ⁻¹	WindDir:	342°

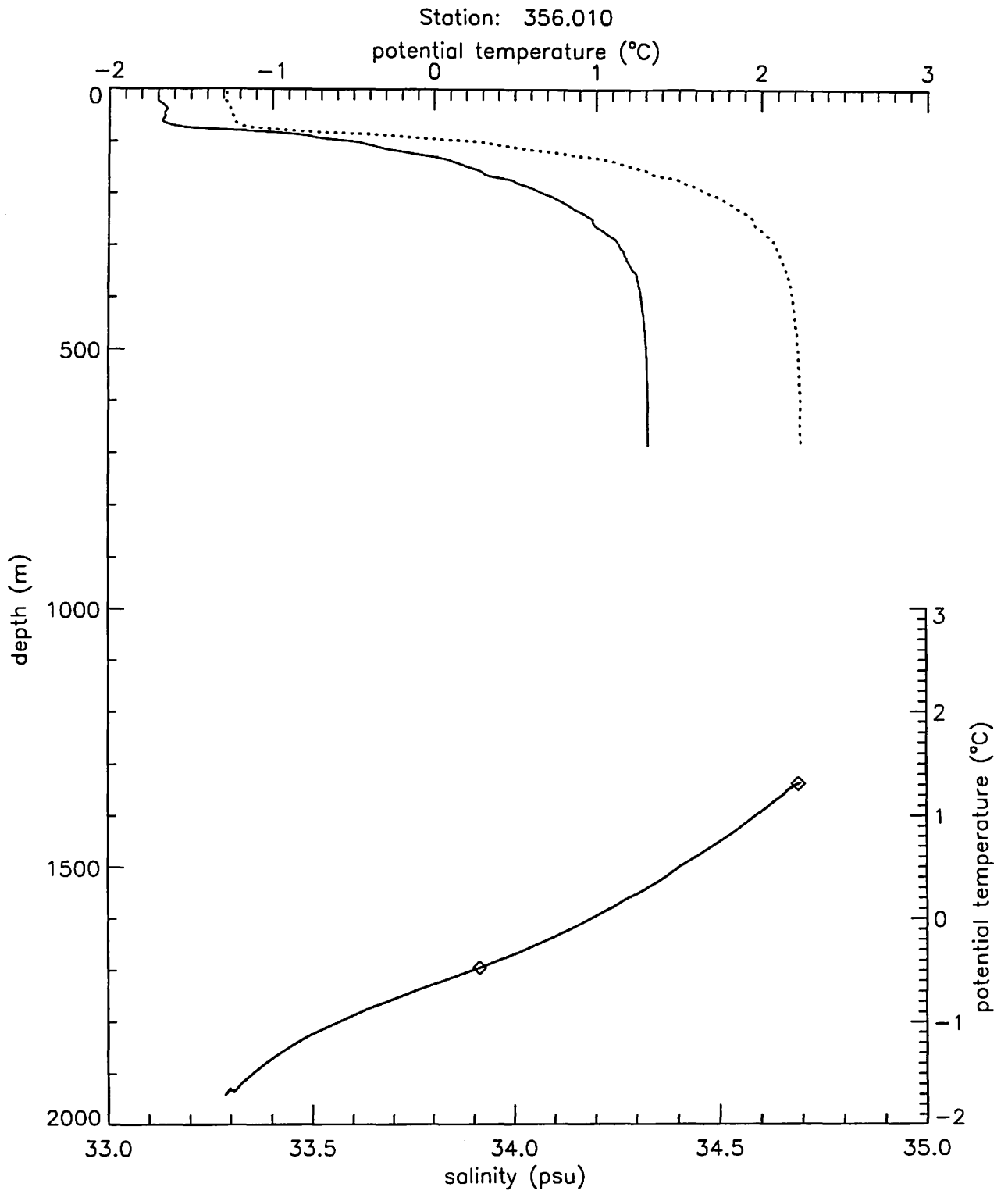
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-1.731	33.334	-1.731	26.824	31.601	0.001	-5.00e-06
10	-1.729	33.332	-1.729	26.823	31.599	0.006	-3.60e-06
20	-1.718	33.331	-1.719	26.822	31.597	0.018	6.90e-07
30	-1.704	33.332	-1.704	26.823	31.598	0.028	5.00e-05
40	-1.082	33.572	-1.083	26.999	31.753	0.039	1.70e-04
50	-0.616	33.829	-0.618	27.189	31.926	0.049	1.50e-04
60	-0.451	33.948	-0.453	27.278	32.009	0.057	8.50e-05
70	-0.320	34.055	-0.322	27.359	32.086	0.065	5.20e-05
80	-0.226	34.113	-0.228	27.401	32.124	0.072	7.40e-05
90	-0.431	34.154	-0.434	27.444	32.173	0.078	1.50e-05
100	-0.346	34.184	-0.350	27.464	32.190	0.084	2.50e-05
110	-0.166	34.232	-0.169	27.495	32.215	0.090	2.80e-05
120	-0.086	34.266	-0.090	27.518	32.236	0.096	3.00e-05
130	0.216	34.333	0.211	27.556	32.264	0.102	2.70e-05
140	0.352	34.364	0.346	27.574	32.278	0.107	2.70e-05
150	0.471	34.409	0.465	27.603	32.303	0.112	2.30e-05
160	0.593	34.440	0.587	27.621	32.317	0.116	2.00e-05
180	0.731	34.489	0.724	27.651	32.343	0.125	8.90e-06
200	0.740	34.503	0.731	27.663	32.355	0.134	4.70e-06
220	0.843	34.533	0.833	27.681	32.369	0.142	1.40e-05
240	0.989	34.575	0.978	27.705	32.389	0.150	7.50e-06
260	1.078	34.602	1.066	27.720	32.401	0.157	1.10e-06
280	1.096	34.607	1.083	27.723	32.404	0.165	2.10e-06
300	1.168	34.629	1.153	27.736	32.415	0.172	3.30e-06
320	1.230	34.648	1.215	27.747	32.424	0.179	4.30e-06
340	1.245	34.653	1.229	27.750	32.426	0.186	3.90e-06
360	1.284	34.666	1.266	27.758	32.433	0.193	1.40e-06
380	1.316	34.674	1.297	27.762	32.436	0.200	2.50e-06
400	1.327	34.677	1.307	27.763	32.438	0.207	1.20e-06
420	1.340	34.680	1.318	27.765	32.439	0.214	3.20e-07
440	1.344	34.682	1.322	27.766	32.440	0.220	5.20e-07
460	1.352	34.684	1.328	27.767	32.441	0.227	7.40e-07
480	1.368	34.687	1.344	27.769	32.443	0.234	4.20e-07
500	1.368	34.689	1.342	27.770	32.444	0.241	7.30e-07
523	1.374	34.693	1.347	27.773	32.447	0.248	1.20e-06

CTD salinity 34.694, Autosal salinity 34.693 at 526 m



LTER 93b	Station:	356.010 (783)	JulianDay:	124	GMT:	1834
	Latitude:	66° 43.990' S	Longitude:	67° 33.910' W	Depth:	692 m
	Barometer:	990.9 mb	RelHumidity:	66.6%	AirTemp:	-7.9°C
	RH Temp:	-9.2°C	WindSpeed:	5.4 m s ⁻¹	WindDir:	332°

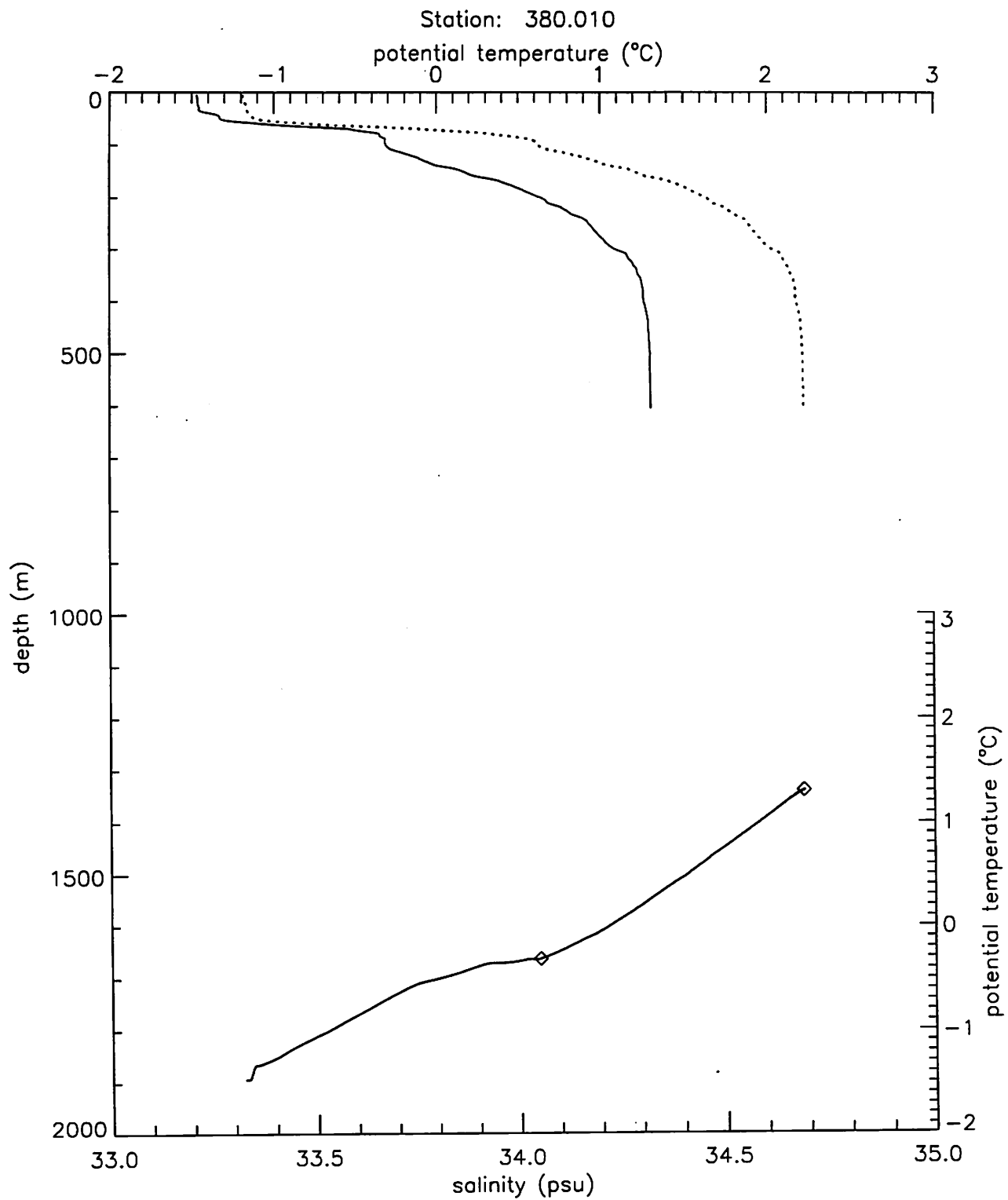
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
6	-1.698	33.287	-1.698	26.786	31.561	0.002	-5.20e-07
10	-1.701	33.287	-1.701	26.786	31.561	0.005	6.60e-07
20	-1.702	33.286	-1.702	26.785	31.561	0.018	-2.20e-06
30	-1.666	33.293	-1.666	26.790	31.565	0.030	5.70e-06
40	-1.645	33.298	-1.646	26.793	31.567	0.043	4.50e-06
50	-1.657	33.302	-1.658	26.796	31.571	0.055	7.20e-06
60	-1.673	33.306	-1.674	26.801	31.576	0.068	1.10e-06
70	-1.602	33.323	-1.603	26.813	31.585	0.080	1.70e-05
80	-1.157	33.479	-1.159	26.926	31.683	0.092	1.80e-04
90	-0.749	33.719	-0.751	27.105	31.848	0.102	9.50e-05
100	-0.471	33.914	-0.474	27.252	31.984	0.111	1.30e-04
110	-0.340	34.000	-0.343	27.316	32.043	0.119	5.90e-05
120	-0.174	34.098	-0.178	27.386	32.108	0.126	6.80e-05
130	0.026	34.199	0.022	27.458	32.173	0.133	6.60e-05
140	0.144	34.254	0.139	27.497	32.207	0.139	2.80e-05
150	0.235	34.296	0.230	27.525	32.233	0.145	3.50e-05
160	0.310	34.329	0.303	27.548	32.253	0.150	9.90e-06
180	0.531	34.413	0.523	27.602	32.301	0.160	2.00e-05
200	0.690	34.475	0.682	27.643	32.336	0.169	2.00e-05
220	0.826	34.527	0.816	27.676	32.365	0.178	1.30e-05
240	0.942	34.565	0.931	27.700	32.385	0.186	9.90e-06
260	1.000	34.584	0.988	27.711	32.395	0.194	4.00e-06
280	1.089	34.613	1.076	27.728	32.409	0.201	7.70e-06
300	1.156	34.634	1.141	27.740	32.420	0.209	3.60e-06
320	1.190	34.645	1.174	27.747	32.425	0.216	1.60e-06
340	1.224	34.655	1.208	27.753	32.430	0.223	2.90e-06
360	1.265	34.665	1.247	27.758	32.434	0.230	1.30e-06
380	1.281	34.671	1.262	27.761	32.437	0.236	2.20e-06
400	1.294	34.675	1.274	27.764	32.439	0.243	9.50e-07
420	1.302	34.678	1.281	27.766	32.441	0.250	1.00e-06
440	1.312	34.681	1.290	27.768	32.443	0.257	7.60e-07
460	1.319	34.684	1.296	27.769	32.444	0.264	1.40e-06
480	1.325	34.686	1.301	27.771	32.446	0.270	5.40e-07
500	1.333	34.690	1.308	27.773	32.448	0.277	7.60e-07
550	1.340	34.692	1.311	27.774	32.449	0.293	2.30e-07
600	1.346	34.694	1.315	27.776	32.451	0.310	3.10e-07
650	1.350	34.694	1.316	27.776	32.451	0.327	1.40e-07
684	1.354	34.695	1.318	27.776	32.451	0.338	-1.60e-07



LTER 93b	Station:	380.010 (784)	JulianDay:	125	GMT:	0024
	Latitude:	66° 34.170' S	Longitude:	67° 9.850' W	Depth:	628 m
	Barometer:	989.3 mb	RelHumidity:	68.4%	AirTemp:	-5.4°C
	RH Temp:	-6.4°C	WindSpeed:	2.2 m s ⁻¹	WindDir:	262°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-1.470	33.325	-1.470	26.810	31.578	0.004	-9.30e-08
10	-1.466	33.325	-1.466	26.810	31.578	0.009	2.80e-06
20	-1.464	33.329	-1.465	26.814	31.581	0.021	9.20e-06
30	-1.455	33.335	-1.455	26.818	31.585	0.033	5.00e-07
40	-1.380	33.340	-1.381	26.820	31.585	0.046	4.00e-06
50	-1.324	33.357	-1.325	26.833	31.596	0.058	3.40e-05
60	-1.045	33.501	-1.046	26.940	31.693	0.070	1.40e-04
70	-0.524	33.768	-0.526	27.136	31.871	0.080	1.50e-04
80	-0.352	33.939	-0.355	27.266	31.995	0.088	9.90e-05
90	-0.315	34.033	-0.318	27.341	32.067	0.096	3.20e-05
100	-0.309	34.049	-0.313	27.353	32.079	0.103	1.40e-05
110	-0.259	34.083	-0.262	27.379	32.103	0.110	4.00e-05
120	-0.153	34.141	-0.157	27.420	32.141	0.117	3.80e-05
130	-0.072	34.185	-0.076	27.452	32.170	0.123	2.90e-05
140	0.023	34.226	0.018	27.480	32.195	0.130	4.50e-05
150	0.163	34.281	0.157	27.517	32.227	0.135	1.80e-05
160	0.249	34.312	0.243	27.538	32.245	0.141	3.60e-05
180	0.493	34.402	0.485	27.596	32.296	0.151	1.50e-05
200	0.648	34.454	0.639	27.629	32.323	0.161	1.30e-05
220	0.780	34.500	0.770	27.657	32.348	0.170	1.10e-05
240	0.909	34.544	0.898	27.685	32.371	0.178	1.20e-05
260	0.973	34.566	0.961	27.698	32.383	0.186	4.00e-06
280	1.032	34.586	1.019	27.711	32.393	0.194	6.60e-06
300	1.106	34.611	1.092	27.725	32.406	0.201	1.20e-05
320	1.195	34.640	1.179	27.743	32.421	0.209	5.80e-06
340	1.242	34.656	1.225	27.752	32.429	0.216	9.40e-07
360	1.269	34.665	1.251	27.758	32.434	0.223	1.70e-06
380	1.283	34.670	1.264	27.761	32.436	0.229	3.90e-07
400	1.287	34.671	1.267	27.761	32.437	0.236	1.40e-06
420	1.304	34.677	1.283	27.765	32.440	0.243	1.40e-06
440	1.316	34.682	1.294	27.768	32.443	0.250	5.40e-07
460	1.320	34.684	1.297	27.769	32.444	0.257	7.00e-07
480	1.325	34.686	1.300	27.771	32.445	0.263	5.50e-07
500	1.329	34.687	1.304	27.772	32.446	0.270	5.10e-08
550	1.334	34.688	1.306	27.772	32.447	0.287	-4.60e-08
600	1.338	34.689	1.307	27.772	32.447	0.303	-2.80e-07

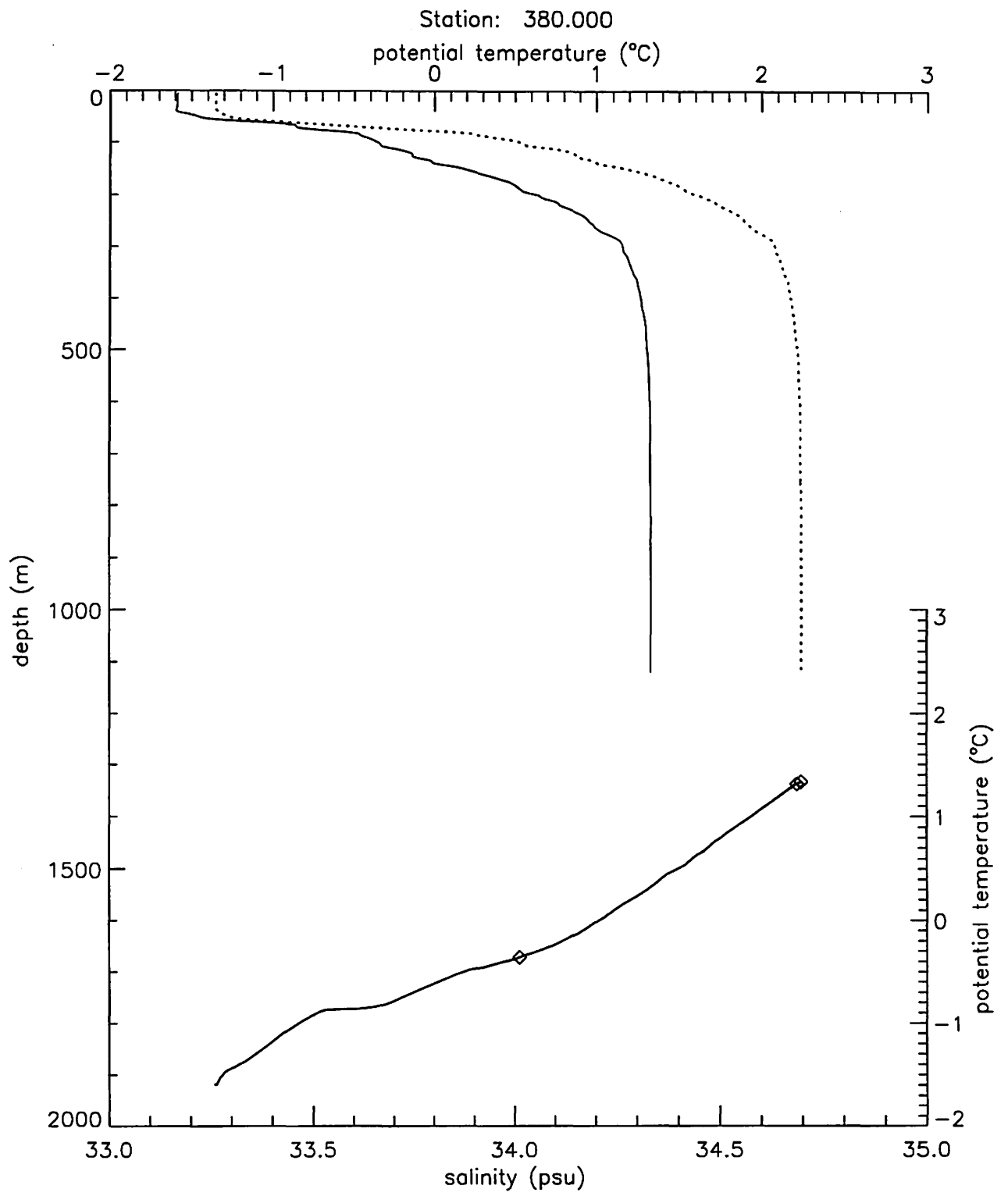
CTD salinity 34.693, Autosal salinity 34.698 at 605 m



LTER 93b	Station:	380.000 (785)	JulianDay:	125	GMT:	0401
	Latitude:	66° 37.870' S	Longitude:	67° 0.140' W	Depth:	1125 m
	Barometer:	987.8 mb	RelHumidity:	80.6%	AirTemp:	-4.5°C
	RH Temp:	-5.6°C	WindSpeed:	4.1 m s ⁻¹	WindDir:	216°

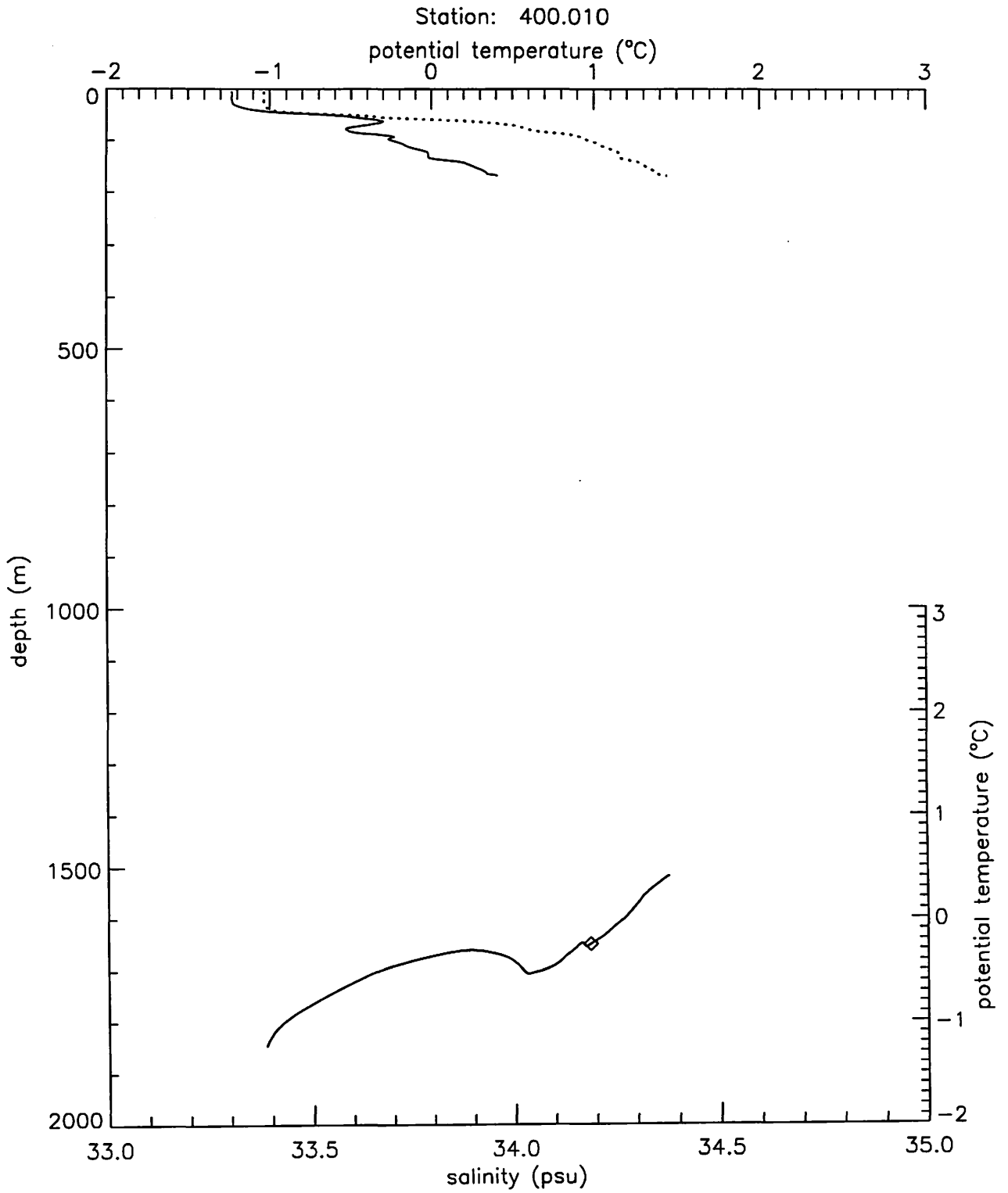
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-1.586	33.260	-1.586	26.761	31.534	0.005	-1.40e-06
10	-1.588	33.260	-1.588	26.761	31.533	0.009	-9.90e-07
20	-1.589	33.259	-1.589	26.760	31.532	0.022	-6.10e-07
30	-1.589	33.259	-1.590	26.760	31.532	0.035	-4.20e-07
40	-1.594	33.263	-1.594	26.763	31.536	0.048	6.30e-06
50	-1.463	33.287	-1.464	26.779	31.548	0.060	2.40e-05
60	-1.154	33.408	-1.155	26.868	31.626	0.073	1.40e-04
70	-0.859	33.608	-0.861	27.020	31.766	0.084	1.50e-04
80	-0.549	33.839	-0.551	27.194	31.930	0.093	1.40e-04
90	-0.432	33.942	-0.435	27.272	32.003	0.102	6.70e-05
100	-0.355	34.012	-0.359	27.326	32.053	0.109	3.10e-05
110	-0.291	34.061	-0.294	27.362	32.087	0.117	7.50e-05
120	-0.156	34.138	-0.160	27.418	32.139	0.123	2.90e-05
130	-0.112	34.161	-0.116	27.434	32.154	0.130	3.50e-05
140	-0.007	34.203	-0.012	27.463	32.179	0.136	2.10e-05
150	0.175	34.270	0.169	27.508	32.218	0.142	3.50e-05
160	0.289	34.318	0.282	27.540	32.246	0.148	2.40e-05
180	0.493	34.390	0.485	27.587	32.286	0.158	2.00e-05
200	0.640	34.444	0.632	27.621	32.316	0.168	2.60e-05
220	0.785	34.494	0.775	27.652	32.343	0.177	1.40e-05
240	0.933	34.546	0.922	27.685	32.371	0.185	1.00e-05
260	1.001	34.572	0.989	27.701	32.385	0.193	6.30e-06
280	1.117	34.612	1.103	27.726	32.406	0.201	1.30e-05
300	1.175	34.632	1.160	27.738	32.416	0.208	1.10e-06
320	1.207	34.643	1.191	27.744	32.422	0.215	2.30e-06
340	1.230	34.651	1.213	27.749	32.426	0.222	1.40e-06
360	1.261	34.661	1.243	27.755	32.431	0.229	4.60e-06
380	1.277	34.666	1.258	27.758	32.434	0.236	1.30e-06
400	1.292	34.671	1.272	27.761	32.436	0.243	2.10e-06
420	1.302	34.675	1.281	27.763	32.439	0.250	1.20e-06
440	1.317	34.678	1.295	27.765	32.439	0.257	8.90e-07
460	1.326	34.681	1.302	27.766	32.441	0.263	5.80e-07
480	1.330	34.683	1.305	27.768	32.443	0.270	5.50e-07
500	1.337	34.687	1.311	27.771	32.445	0.277	1.80e-06
550	1.349	34.691	1.321	27.773	32.447	0.294	1.10e-07
600	1.356	34.693	1.325	27.774	32.449	0.311	2.00e-07
650	1.361	34.694	1.327	27.775	32.449	0.328	7.20e-08
700	1.365	34.694	1.327	27.774	32.449	0.344	6.80e-08
750	1.367	34.694	1.327	27.774	32.450	0.362	-7.70e-08
800	1.374	34.696	1.330	27.775	32.450	0.379	2.10e-07
850	1.378	34.696	1.331	27.775	32.451	0.396	-4.20e-08
900	1.382	34.697	1.332	27.775	32.451	0.413	1.10e-09
950	1.386	34.697	1.333	27.775	32.451	0.430	7.70e-08
1000	1.389	34.697	1.333	27.775	32.451	0.448	2.00e-08
1100	1.396	34.697	1.333	27.775	32.451	0.483	-5.80e-08
1117	1.397	34.697	1.333	27.775	32.451	0.489	6.40e-08

CTD salinity 34.697, Autosal salinity 34.698 at 1120 m



LTER 93b	Station:	400.010 (795)	JulianDay:	125	GMT:	1906
	Latitude:	66° 26.560' S	Longitude:	66° 51.690' W	Depth:	203 m
	Barometer:	980.6 mb	RelHumidity:	68.3%	AirTemp:	-4.0°C
	RH Temp:	-5.1°C	WindSpeed:	6.8 m s ⁻¹	WindDir:	343°

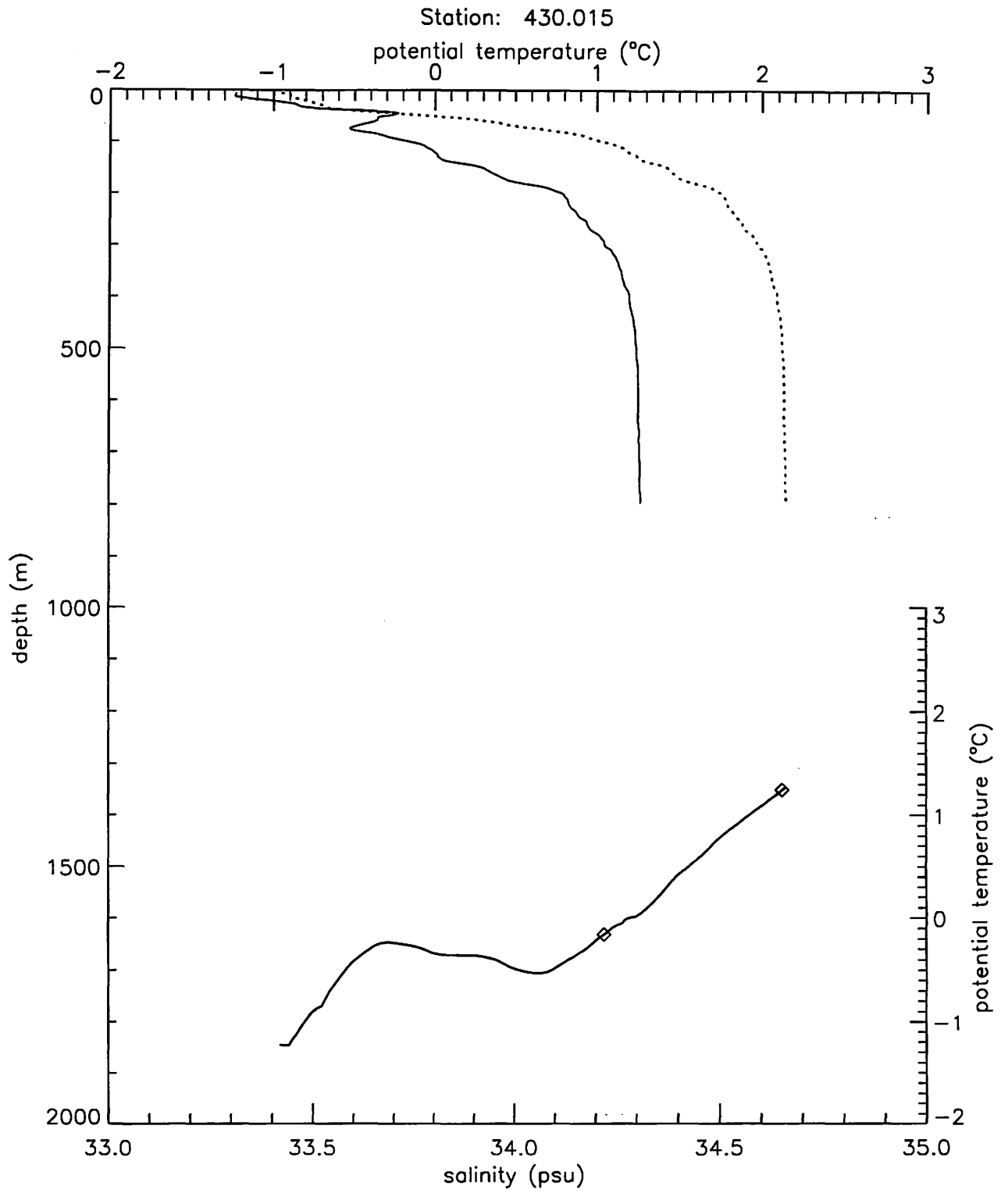
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-1.232	33.386	-1.232	26.853	31.613	0.004	-5.40e-07
10	-1.229	33.386	-1.230	26.853	31.613	0.008	-2.20e-08
20	-1.232	33.386	-1.233	26.853	31.613	0.020	-3.20e-07
30	-1.217	33.387	-1.218	26.853	31.613	0.032	9.50e-07
40	-1.107	33.402	-1.108	26.862	31.618	0.044	2.20e-05
50	-0.674	33.566	-0.675	26.979	31.720	0.056	1.80e-04
60	-0.347	33.807	-0.349	27.160	31.889	0.066	2.30e-04
70	-0.389	33.990	-0.391	27.309	32.038	0.074	7.80e-05
80	-0.522	34.043	-0.524	27.358	32.091	0.081	3.80e-05
90	-0.277	34.151	-0.280	27.434	32.158	0.088	3.40e-05
100	-0.242	34.187	-0.246	27.462	32.185	0.094	2.40e-05
110	-0.158	34.219	-0.162	27.484	32.204	0.100	1.30e-05
120	-0.049	34.252	-0.053	27.505	32.221	0.106	1.80e-05
130	-0.015	34.262	-0.020	27.511	32.227	0.112	3.40e-06
140	0.146	34.300	0.141	27.534	32.244	0.117	2.10e-05
150	0.264	34.326	0.258	27.548	32.255	0.123	1.30e-05
160	0.337	34.349	0.331	27.563	32.267	0.128	1.10e-05
165	0.352	34.354	0.345	27.566	32.270	0.130	4.30e-05



LTER 93b	Station:	430.015 (796)	JulianDay:	125	GMT:	2325
	Latitude:	66° 12.730' S	Longitude:	66° 28.710' W	Depth:	768 m
	Barometer:	978.9 mb	RelHumidity:	64.1%	AirTemp:	-3.8°C
	RH Temp:	-4.9°C	WindSpeed:	13.9 m s ⁻¹	WindDir:	355°

Depth	Temp	Sal	Ptemp	Sigma0	Signal	DynHt	N ²
5	-1.228	33.420	-1.229	26.880	31.640	0.003	-6.50e-04
10	-1.233	33.442	-1.233	26.899	31.658	0.007	-1.30e-06
20	-1.009	33.479	-1.010	26.921	31.673	0.018	2.90e-05
30	-0.843	33.523	-0.844	26.951	31.697	0.029	1.60e-05
40	-0.373	33.614	-0.374	27.005	31.736	0.040	1.10e-04
50	-0.335	33.797	-0.337	27.151	31.880	0.050	1.60e-04
60	-0.377	33.933	-0.379	27.263	31.992	0.059	8.30e-05
70	-0.503	34.019	-0.505	27.338	32.070	0.066	8.80e-05
80	-0.449	34.113	-0.451	27.412	32.142	0.073	5.70e-05
90	-0.294	34.176	-0.297	27.456	32.180	0.080	2.10e-05
100	-0.156	34.221	-0.159	27.485	32.205	0.086	3.00e-05
110	-0.056	34.260	-0.060	27.512	32.229	0.091	2.10e-05
120	-0.002	34.278	-0.006	27.523	32.238	0.097	2.20e-05
130	0.025	34.300	0.020	27.540	32.254	0.103	9.40e-06
140	0.132	34.334	0.127	27.562	32.272	0.108	2.90e-05
150	0.304	34.373	0.298	27.584	32.289	0.113	1.00e-05
160	0.364	34.386	0.357	27.590	32.294	0.118	7.40e-06
180	0.562	34.442	0.554	27.624	32.321	0.128	2.90e-05
200	0.800	34.504	0.791	27.660	32.350	0.136	9.90e-06
220	0.838	34.516	0.829	27.667	32.355	0.145	2.50e-06
240	0.893	34.533	0.882	27.677	32.364	0.153	3.80e-06
260	0.955	34.553	0.944	27.689	32.374	0.161	2.40e-06
280	1.030	34.578	1.017	27.704	32.387	0.169	6.00e-06
300	1.065	34.589	1.051	27.711	32.393	0.177	3.40e-06
320	1.128	34.609	1.113	27.723	32.403	0.185	4.10e-06
340	1.154	34.617	1.138	27.727	32.407	0.192	1.20e-06
360	1.174	34.623	1.156	27.731	32.410	0.200	5.00e-07
380	1.197	34.630	1.179	27.735	32.413	0.207	3.60e-06
400	1.222	34.638	1.202	27.739	32.417	0.214	1.50e-08
420	1.231	34.640	1.210	27.740	32.418	0.222	1.40e-06
440	1.249	34.645	1.227	27.743	32.421	0.229	1.30e-06
460	1.258	34.648	1.235	27.745	32.422	0.236	5.20e-07
480	1.263	34.649	1.239	27.746	32.422	0.243	8.80e-08
500	1.271	34.651	1.246	27.747	32.423	0.250	2.20e-07
550	1.283	34.654	1.255	27.748	32.425	0.268	1.80e-07
600	1.290	34.655	1.259	27.748	32.425	0.286	9.00e-09
650	1.295	34.656	1.261	27.749	32.426	0.304	6.00e-07
700	1.302	34.657	1.265	27.749	32.426	0.322	9.60e-08
750	1.306	34.658	1.266	27.749	32.426	0.341	-1.10e-08
792	1.315	34.660	1.272	27.750	32.427	0.355	1.20e-06

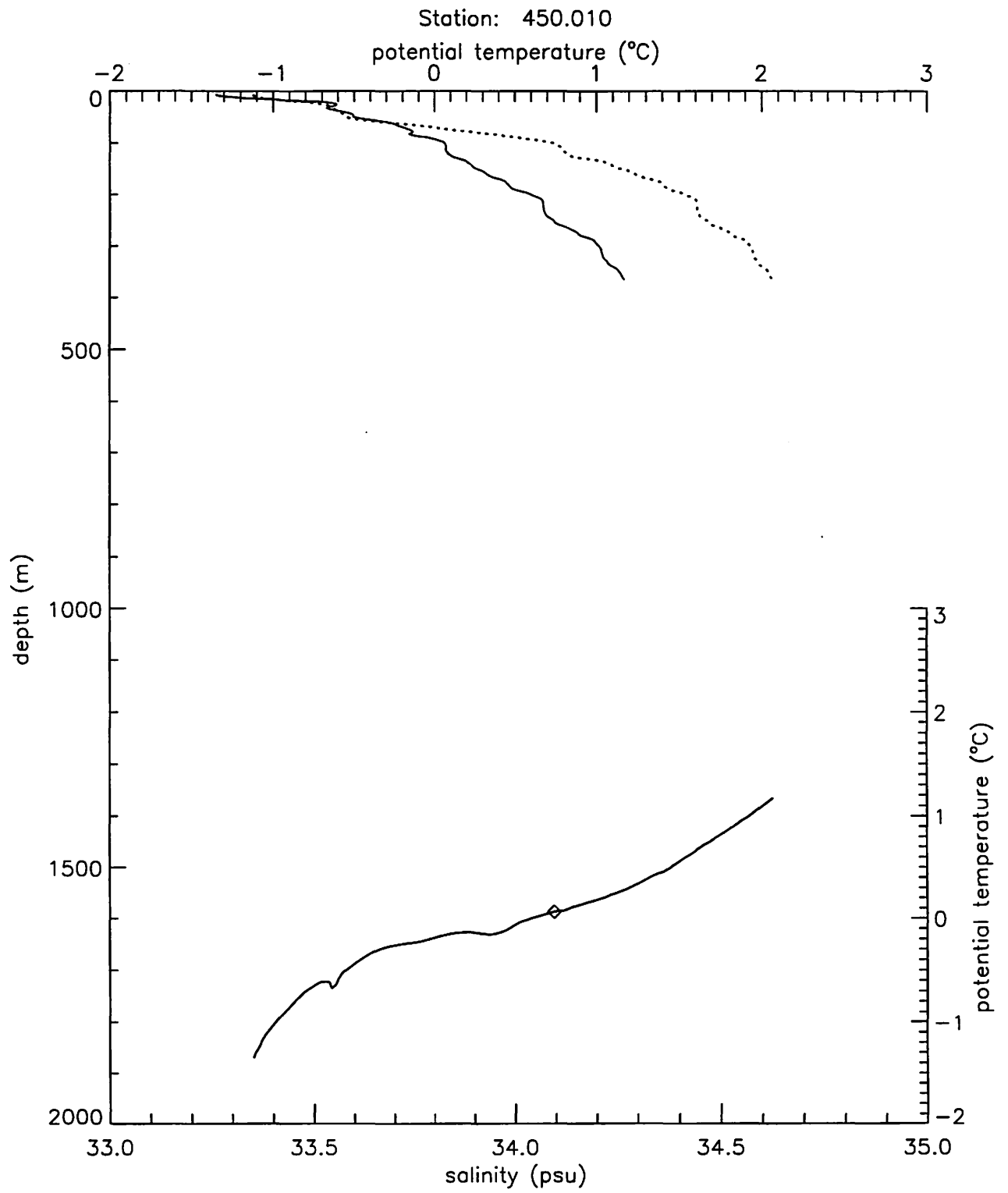
CTD salinity 34.659, Autosal salinity 34.663 at 795 m



LTER 93b	Station:	450.010 (810)	JulianDay:	126	GMT:	0857
	Latitude:	66° 6.910' S	Longitude:	66° 5.510' W	Depth:	-999 m
	Barometer:	982.0 mb	RelHumidity:	-999.0%	AirTemp:	-999.0°C
	RH Temp:	-999.0°C	WindSpeed:	-999.0 m s ⁻¹	WindDir:	-999°

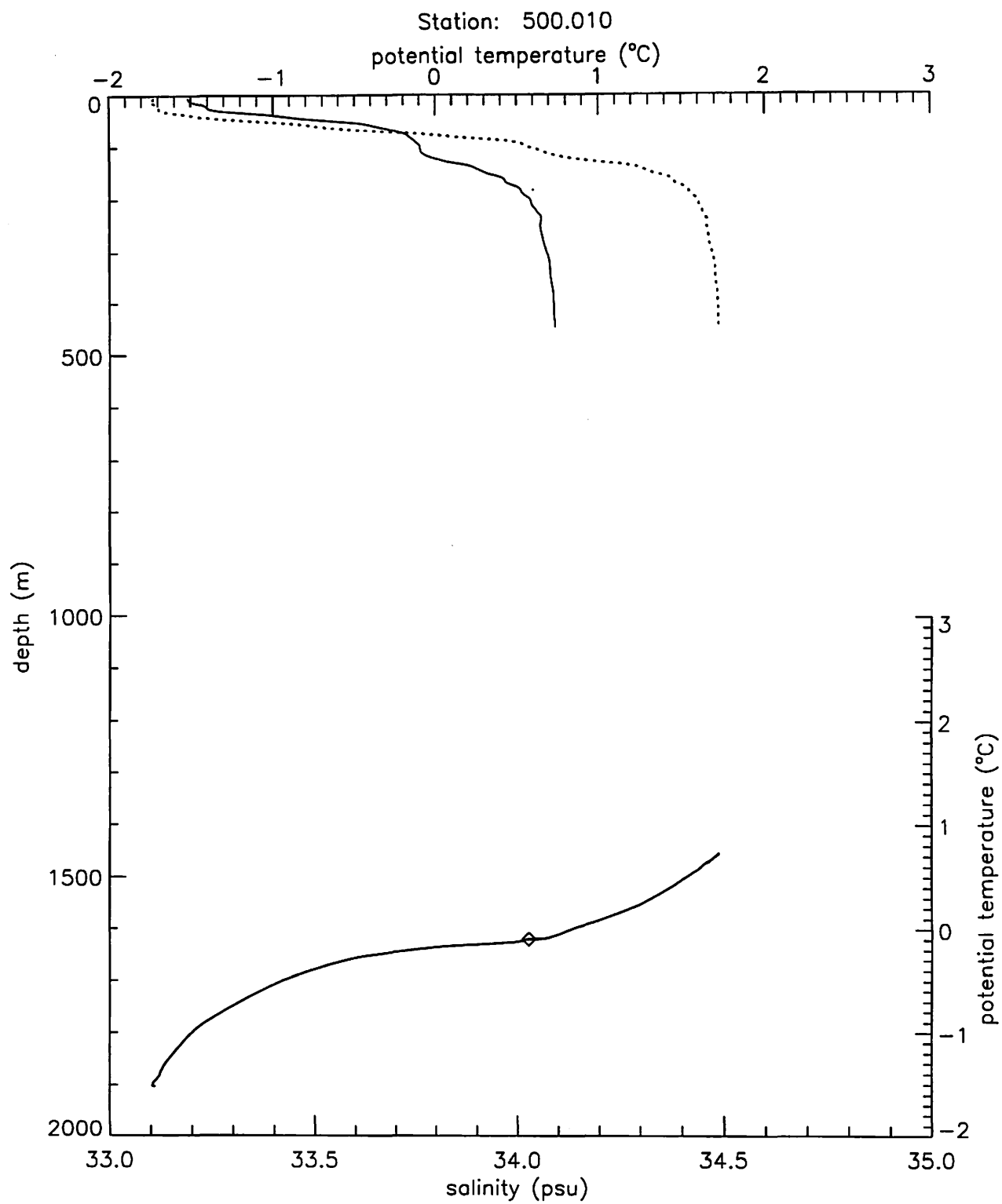
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	-1.351	33.353	-1.351	26.830	31.594	0.017	5.80e-06
10	-1.305	33.356	-1.305	26.831	31.594	0.019	3.00e-05
20	-0.715	33.474	-0.716	26.906	31.650	0.031	8.20e-05
30	-0.651	33.541	-0.652	26.958	31.699	0.042	2.00e-05
40	-0.559	33.564	-0.560	26.972	31.710	0.053	1.20e-05
50	-0.496	33.580	-0.498	26.983	31.719	0.063	3.30e-05
60	-0.277	33.683	-0.278	27.056	31.785	0.074	1.10e-04
70	-0.185	33.802	-0.187	27.148	31.872	0.083	5.90e-05
80	-0.142	33.912	-0.145	27.235	31.957	0.092	1.00e-04
90	-0.026	34.018	-0.029	27.315	32.033	0.100	5.80e-05
100	0.066	34.096	0.063	27.373	32.087	0.107	2.20e-05
110	0.076	34.113	0.072	27.386	32.100	0.114	4.10e-06
120	0.089	34.127	0.085	27.397	32.111	0.121	8.60e-06
130	0.152	34.173	0.148	27.431	32.142	0.128	6.60e-05
140	0.224	34.229	0.219	27.472	32.180	0.134	2.20e-05
150	0.274	34.262	0.268	27.496	32.203	0.140	3.50e-05
160	0.335	34.295	0.329	27.519	32.224	0.146	1.80e-05
180	0.462	34.362	0.455	27.566	32.266	0.156	1.00e-05
200	0.606	34.416	0.597	27.601	32.297	0.167	1.80e-05
220	0.685	34.445	0.675	27.619	32.313	0.176	4.70e-07
240	0.701	34.451	0.691	27.623	32.316	0.185	4.90e-06
260	0.789	34.485	0.777	27.645	32.335	0.194	2.00e-05
280	0.913	34.532	0.900	27.675	32.361	0.203	1.70e-05
300	1.027	34.573	1.013	27.700	32.384	0.211	5.70e-06
320	1.055	34.582	1.040	27.706	32.389	0.219	2.00e-06
340	1.117	34.603	1.101	27.718	32.399	0.227	1.00e-05
360	1.177	34.622	1.159	27.730	32.409	0.234	4.10e-06
361	1.177	34.622	1.160	27.730	32.409	0.234	4.20e-06

CTD salinity 34.625, Autosal salinity 34.628 at 364 m



LTER 93b	Station:	500.010 (822)	JulianDay:	127	GMT:	1248
	Latitude:	65° 46.220' S	Longitude:	65° 22.790' W	Depth:	450 m
	Barometer:	984.8 mb	RelHumidity:	88.8%	AirTemp:	-1.0°C
	RH Temp:	-1.9°C	WindSpeed:	8.8 m s ⁻¹	WindDir:	20°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-1.515	33.109	-1.515	26.637	31.408	0.019	-1.00e-04
10	-1.511	33.106	-1.511	26.634	31.405	0.024	-1.40e-05
20	-1.416	33.120	-1.416	26.643	31.411	0.038	4.30e-06
30	-1.329	33.130	-1.330	26.648	31.414	0.052	3.10e-05
40	-0.957	33.212	-0.958	26.703	31.456	0.065	6.20e-05
50	-0.611	33.361	-0.613	26.810	31.551	0.078	1.40e-04
60	-0.380	33.507	-0.382	26.919	31.652	0.090	8.50e-05
70	-0.238	33.667	-0.240	27.042	31.769	0.101	1.60e-04
80	-0.158	33.841	-0.161	27.178	31.901	0.110	1.20e-04
90	-0.120	33.991	-0.123	27.298	32.019	0.119	4.90e-05
100	-0.090	34.027	-0.093	27.326	32.045	0.126	3.20e-05
110	-0.083	34.069	-0.087	27.358	32.078	0.134	2.20e-05
120	-0.019	34.116	-0.023	27.393	32.110	0.141	5.10e-05
130	0.108	34.210	0.103	27.463	32.175	0.147	8.40e-05
140	0.247	34.299	0.241	27.527	32.234	0.153	2.10e-05
150	0.318	34.331	0.312	27.549	32.254	0.158	2.50e-05
160	0.422	34.376	0.415	27.579	32.281	0.163	9.90e-06
180	0.525	34.415	0.517	27.605	32.303	0.173	7.50e-06
200	0.590	34.440	0.581	27.621	32.317	0.183	3.70e-06
220	0.626	34.450	0.616	27.627	32.323	0.192	1.70e-06
240	0.661	34.461	0.650	27.634	32.328	0.201	1.70e-06
260	0.660	34.463	0.648	27.635	32.330	0.210	1.30e-06
280	0.677	34.467	0.664	27.638	32.332	0.219	1.30e-06
300	0.698	34.474	0.684	27.642	32.335	0.228	1.60e-06
320	0.716	34.479	0.702	27.645	32.338	0.237	7.30e-07
340	0.721	34.481	0.706	27.646	32.339	0.246	3.20e-07
360	0.729	34.483	0.713	27.647	32.340	0.255	4.70e-07
380	0.740	34.486	0.723	27.649	32.341	0.264	2.80e-07
400	0.745	34.487	0.726	27.649	32.342	0.273	3.80e-07
420	0.747	34.487	0.728	27.649	32.342	0.282	3.20e-07
440	0.753	34.488	0.733	27.650	32.342	0.290	-3.10e-07
441	0.753	34.488	0.733	27.650	32.342	0.290	-3.00e-07

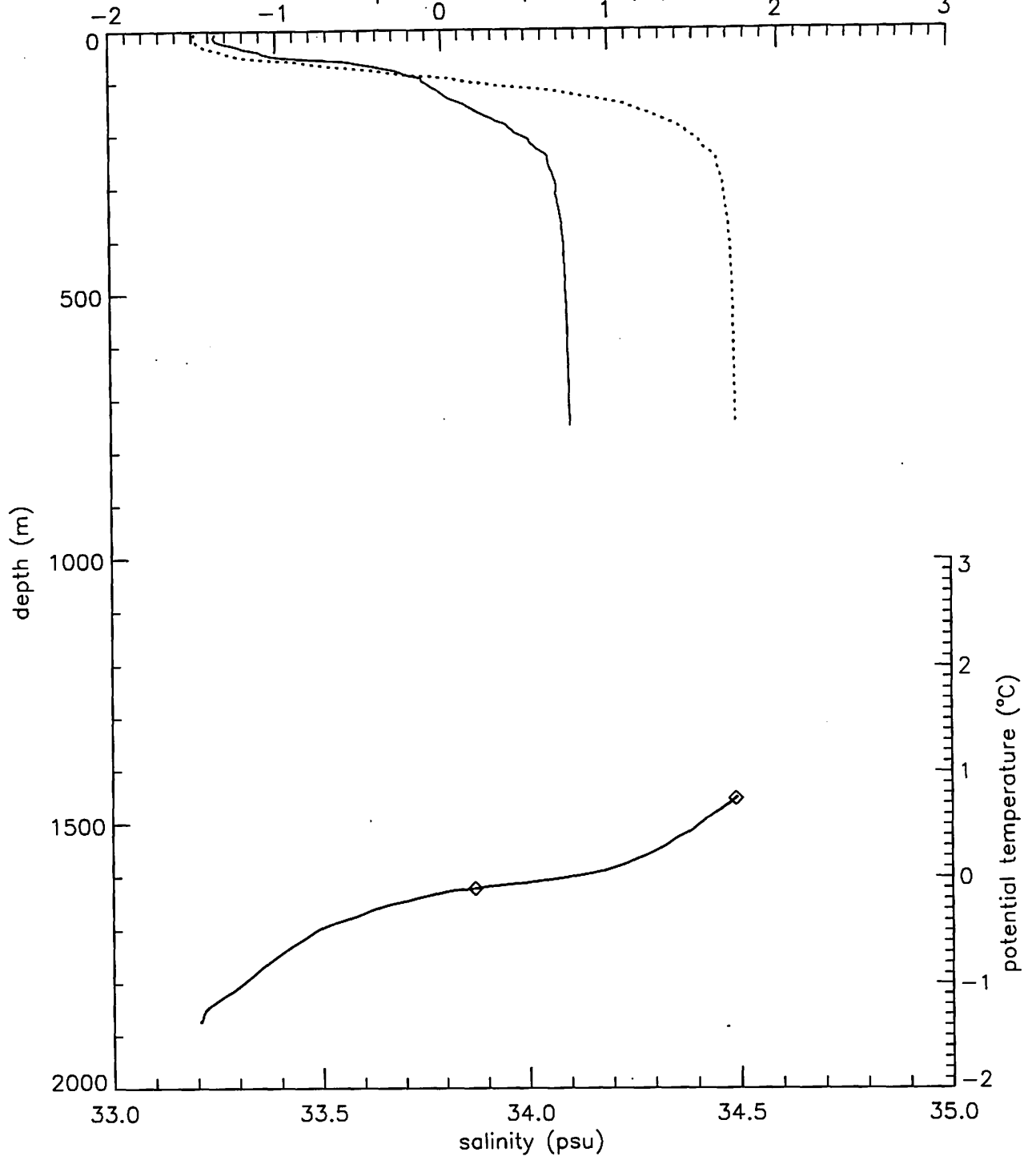


ITER 93b	Station:	500.020 (824)	JulianDay:	127	GMT:	1546
	Latitude:	65° 43.260' S	Longitude:	65° 30.730' W	Depth:	731 m
	Barometer:	986.6 mb	RelHumidity:	92.9%	AirTemp:	-0.2°C
	RH Temp:	-0.9°C	WindSpeed:	3.8 m s ⁻¹	WindDir:	52°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-1.358	33.207	-1.358	26.711	31.477	0.002	-2.90e-06
10	-1.366	33.206	-1.366	26.711	31.477	0.007	2.20e-06
20	-1.347	33.210	-1.347	26.714	31.479	0.020	7.90e-08
30	-1.228	33.226	-1.229	26.723	31.484	0.033	1.80e-05
40	-1.095	33.275	-1.096	26.758	31.515	0.046	2.30e-05
50	-0.972	33.317	-0.973	26.789	31.541	0.059	6.30e-05
60	-0.568	33.458	-0.569	26.887	31.626	0.071	5.30e-05
70	-0.399	33.555	-0.401	26.958	31.691	0.083	9.90e-05
80	-0.256	33.661	-0.259	27.038	31.766	0.093	6.90e-05
90	-0.145	33.787	-0.148	27.134	31.858	0.103	1.10e-04
100	-0.104	33.869	-0.107	27.198	31.920	0.112	8.50e-05
110	-0.056	33.977	-0.060	27.283	32.002	0.120	1.00e-04
120	-0.002	34.086	-0.007	27.369	32.085	0.128	4.40e-05
130	0.043	34.154	0.038	27.421	32.136	0.134	5.20e-05
140	0.121	34.224	0.116	27.473	32.185	0.141	3.40e-05
150	0.181	34.259	0.175	27.499	32.209	0.147	2.50e-05
160	0.240	34.295	0.234	27.524	32.232	0.152	2.30e-05
180	0.387	34.356	0.380	27.565	32.268	0.163	1.90e-05
200	0.467	34.392	0.459	27.589	32.290	0.173	1.20e-05
220	0.555	34.420	0.546	27.607	32.305	0.183	7.50e-06
240	0.640	34.451	0.630	27.627	32.322	0.192	7.50e-06
260	0.654	34.457	0.643	27.631	32.325	0.201	2.40e-06
280	0.683	34.465	0.671	27.636	32.330	0.210	2.60e-06
300	0.700	34.471	0.687	27.639	32.333	0.220	6.50e-07
320	0.706	34.474	0.692	27.641	32.335	0.229	3.70e-07
340	0.719	34.478	0.704	27.644	32.337	0.237	1.10e-06
360	0.730	34.481	0.714	27.645	32.338	0.246	5.60e-07
380	0.738	34.483	0.721	27.647	32.339	0.255	3.90e-07
400	0.747	34.485	0.729	27.648	32.340	0.264	6.10e-07
420	0.751	34.487	0.732	27.649	32.341	0.273	2.30e-08
440	0.755	34.488	0.734	27.649	32.342	0.282	3.80e-07
460	0.758	34.488	0.737	27.650	32.342	0.291	1.70e-07
480	0.762	34.489	0.740	27.650	32.342	0.300	2.40e-07
500	0.764	34.490	0.741	27.650	32.343	0.309	1.40e-07
550	0.772	34.491	0.746	27.651	32.343	0.331	1.80e-08
600	0.777	34.492	0.748	27.651	32.344	0.353	5.40e-08
650	0.783	34.493	0.752	27.652	32.344	0.375	1.20e-07
700	0.789	34.494	0.755	27.652	32.344	0.397	-5.10e-09
746	0.793	34.494	0.757	27.652	32.345	0.417	-4.20e-07

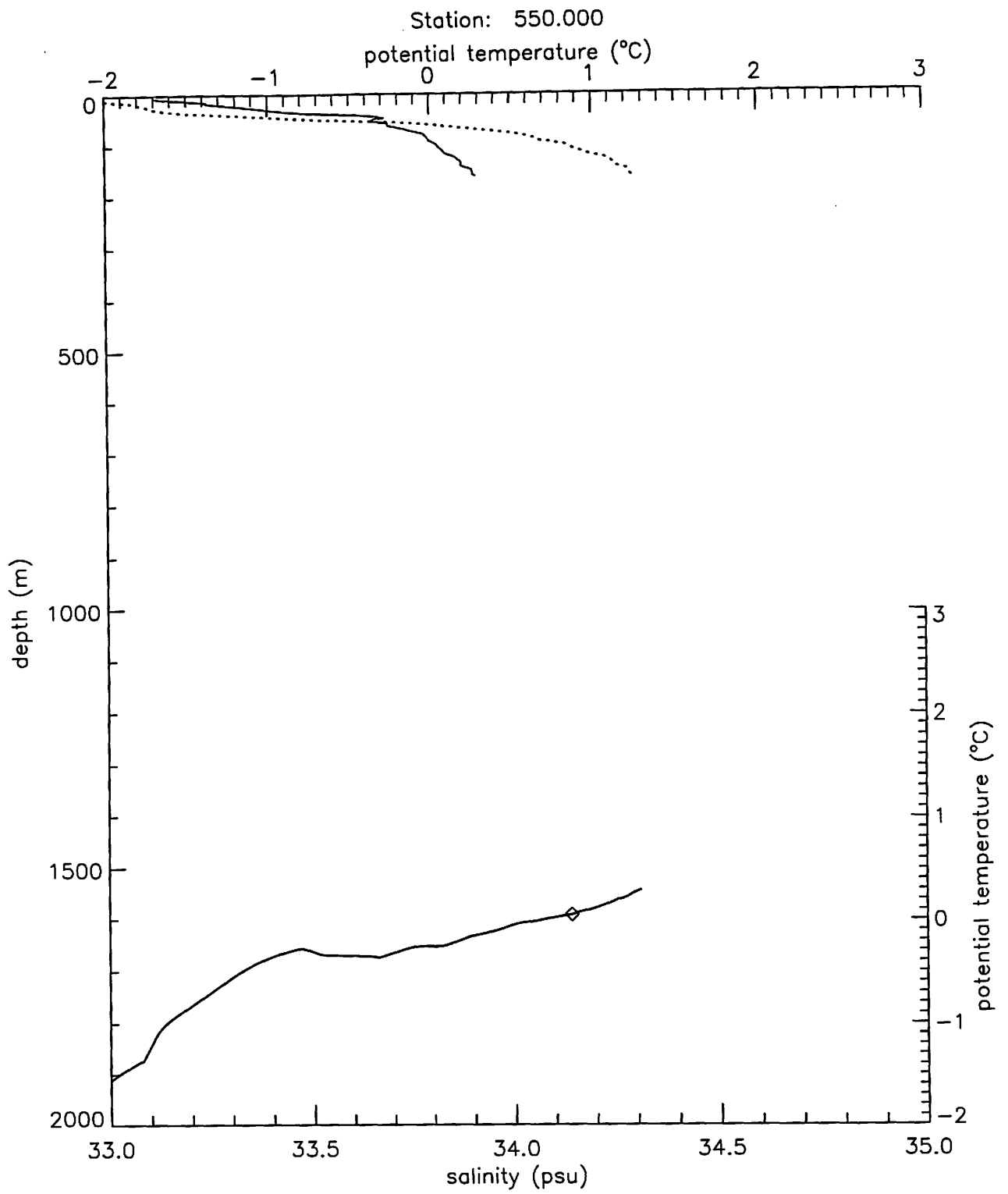
CTD salinity 34.494, Autosal salinity 34.490 at 750 m

Station: 500.020
potential temperature (°C)



LTER 93b	Station:	550.000 (836)	JulianDay:	128	GMT:	0950
	Latitude:	65° 30.310' S	Longitude:	64° 28.220' W	Depth:	173 m
	Barometer:	986.7 mb	RelHumidity:	87.2%	AirTemp:	-0.9°C
	RH Temp:	-1.7°C	WindSpeed:	3.8 m s ⁻¹	WindDir:	294°

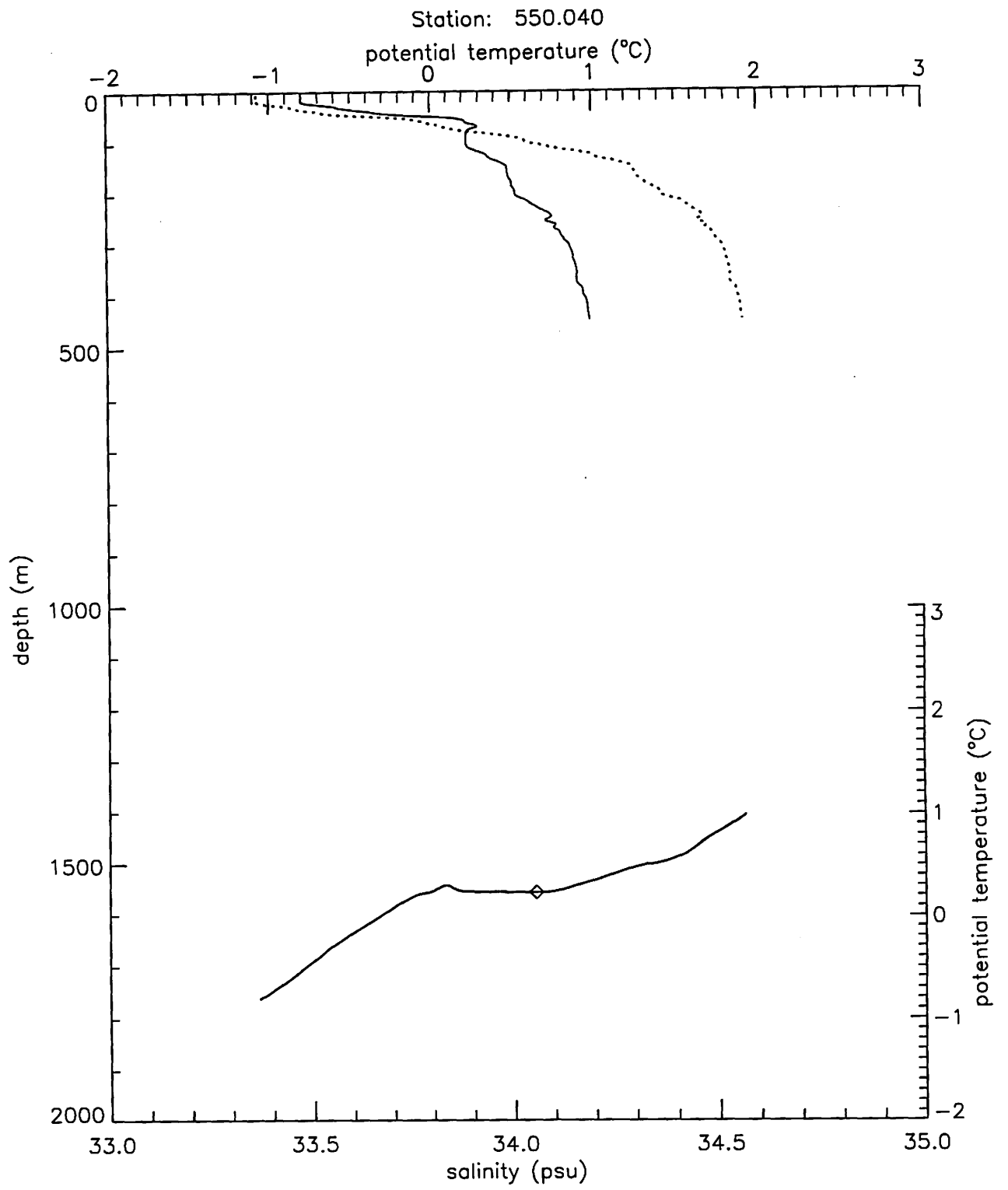
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-1.688	32.971	-1.688	26.528	31.306	-0.002	-2.20e-04
10	-1.554	33.001	-1.554	26.549	31.323	0.003	9.50e-05
20	-1.269	33.093	-1.269	26.616	31.380	0.018	2.00e-05
30	-0.973	33.144	-0.974	26.648	31.402	0.032	6.00e-05
40	-0.480	33.329	-0.481	26.779	31.516	0.045	1.70e-04
50	-0.345	33.569	-0.347	26.967	31.698	0.057	2.50e-04
60	-0.257	33.810	-0.259	27.158	31.885	0.067	8.00e-05
70	-0.134	33.927	-0.136	27.247	31.968	0.075	8.10e-05
80	-0.025	34.030	-0.028	27.324	32.042	0.083	5.80e-05
90	0.000	34.068	-0.003	27.354	32.071	0.091	1.80e-05
100	0.051	34.139	0.048	27.409	32.123	0.097	2.30e-05
110	0.086	34.169	0.082	27.431	32.144	0.104	2.70e-05
120	0.136	34.212	0.131	27.463	32.175	0.110	4.60e-05
130	0.194	34.248	0.189	27.489	32.198	0.116	1.30e-05
140	0.203	34.260	0.198	27.498	32.207	0.122	1.90e-05
150	0.270	34.292	0.265	27.520	32.227	0.128	4.10e-06
156	0.273	34.294	0.267	27.522	32.229	0.130	2.00e-05



LTER 93b	Station:	550.040 (839)	JulianDay:	128	GMT:	1856
	Latitude:	65° 16.260' S	Longitude:	65° 6.530' W	Depth:	465 m
	Barometer:	984.9 mb	RelHumidity:	101.0%	AirTemp:	-0.7°C
	RH Temp:	-1.4°C	WindSpeed:	8.3 m s ⁻¹	WindDir:	8°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-0.798	33.371	-0.798	26.825	31.572	0.003	-4.30e-04
10	-0.797	33.370	-0.797	26.825	31.571	0.007	-3.00e-06
20	-0.786	33.375	-0.786	26.828	31.575	0.019	2.30e-05
30	-0.575	33.455	-0.576	26.885	31.624	0.031	1.90e-05
40	-0.348	33.529	-0.349	26.935	31.667	0.043	3.90e-05
50	0.097	33.704	0.096	27.055	31.772	0.054	1.20e-04
60	0.229	33.787	0.226	27.115	31.827	0.063	4.00e-05
70	0.284	33.841	0.282	27.156	31.866	0.072	4.20e-05
80	0.234	33.932	0.231	27.231	31.942	0.081	9.30e-05
90	0.231	34.022	0.228	27.304	32.014	0.089	5.30e-05
100	0.232	34.053	0.228	27.329	32.039	0.097	5.50e-05
110	0.256	34.114	0.252	27.377	32.086	0.104	5.20e-05
120	0.346	34.192	0.342	27.435	32.141	0.111	4.10e-05
130	0.389	34.224	0.384	27.459	32.163	0.117	4.00e-05
140	0.462	34.279	0.457	27.499	32.200	0.123	2.80e-05
150	0.487	34.302	0.481	27.516	32.216	0.129	3.00e-06
160	0.491	34.306	0.485	27.519	32.219	0.134	3.40e-06
180	0.512	34.334	0.505	27.540	32.240	0.145	1.70e-05
200	0.538	34.367	0.530	27.565	32.264	0.156	7.30e-06
220	0.650	34.431	0.641	27.610	32.305	0.166	1.10e-05
240	0.762	34.469	0.751	27.634	32.325	0.175	6.60e-06
260	0.794	34.481	0.782	27.642	32.332	0.184	-4.30e-07
280	0.828	34.495	0.815	27.651	32.340	0.193	5.00e-06
300	0.878	34.516	0.864	27.664	32.352	0.202	2.20e-06
320	0.899	34.525	0.884	27.670	32.357	0.210	6.10e-07
340	0.917	34.532	0.902	27.675	32.361	0.219	2.70e-06
360	0.922	34.534	0.905	27.676	32.363	0.227	5.80e-10
380	0.953	34.547	0.936	27.684	32.370	0.235	6.80e-06
400	0.977	34.555	0.958	27.689	32.374	0.244	3.90e-06
420	0.992	34.559	0.972	27.692	32.377	0.252	1.00e-06
440	1.001	34.562	0.980	27.693	32.378	0.259	-7.00e-07

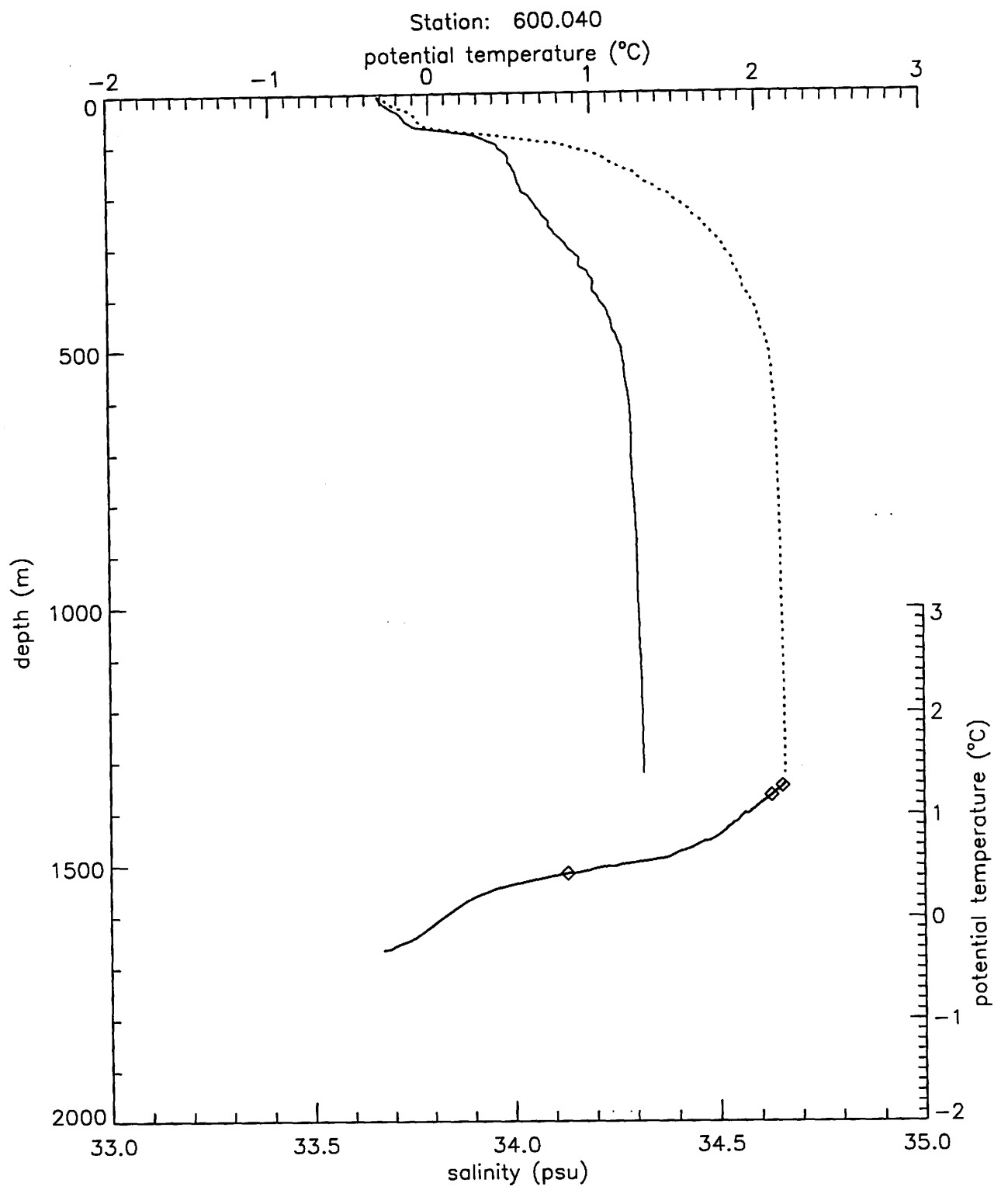
CTD salinity 34.562, Autosal salinity 34.559 at 444 m



LTER 93b	Station:	600.040 (844)	JulianDay:	129	GMT:	0428
	Latitude:	64° 55.950' S	Longitude:	64° 23.880' W	Depth:	1286 m
	Barometer:	986.3 mb	RelHumidity:	100.1%	AirTemp:	-2.8°C
	RH Temp:	-3.9°C	WindSpeed:	10.1 m s ⁻¹	WindDir:	8°

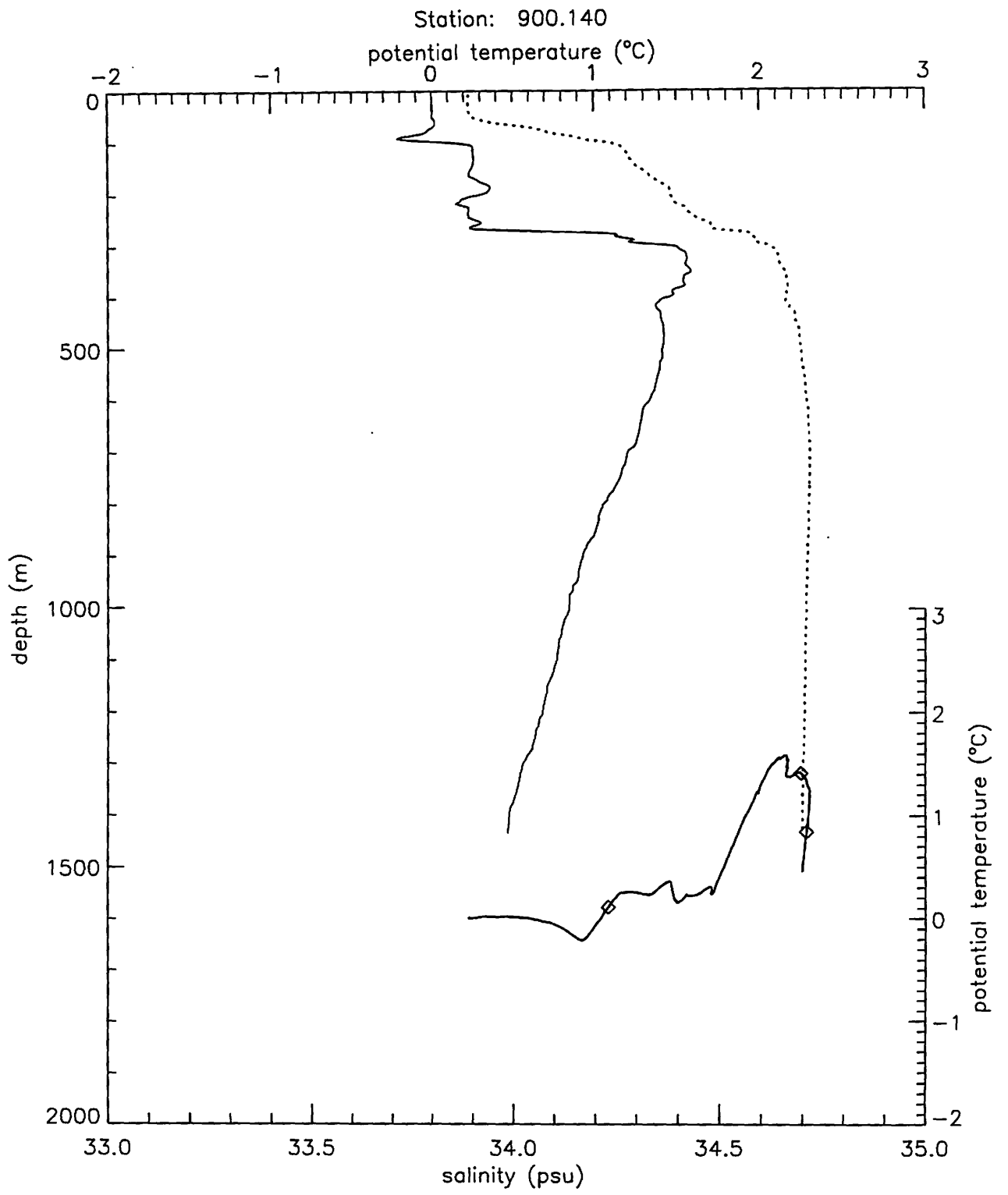
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
5	-0.324	33.672	-0.324	27.049	31.779	0.002	6.30e-05
10	-0.310	33.690	-0.311	27.064	31.793	0.006	6.30e-06
20	-0.281	33.703	-0.282	27.073	31.801	0.016	1.90e-05
30	-0.232	33.737	-0.233	27.098	31.824	0.025	2.30e-05
40	-0.178	33.761	-0.179	27.115	31.839	0.035	7.20e-06
50	-0.152	33.771	-0.154	27.121	31.845	0.044	4.50e-06
60	-0.111	33.785	-0.113	27.131	31.853	0.054	1.10e-05
70	0.057	33.843	0.054	27.169	31.886	0.063	6.20e-05
80	0.272	33.950	0.269	27.244	31.954	0.072	8.00e-05
90	0.358	34.042	0.355	27.314	32.020	0.080	6.70e-05
100	0.429	34.131	0.425	27.381	32.085	0.087	3.50e-05
110	0.453	34.177	0.449	27.417	32.120	0.094	2.90e-05
120	0.493	34.217	0.488	27.447	32.148	0.100	2.30e-05
130	0.498	34.239	0.493	27.465	32.165	0.106	1.80e-05
140	0.517	34.263	0.512	27.482	32.182	0.112	1.40e-05
150	0.533	34.289	0.527	27.503	32.202	0.118	3.10e-05
160	0.547	34.313	0.541	27.521	32.220	0.124	8.30e-06
180	0.572	34.353	0.565	27.552	32.250	0.135	1.10e-05
200	0.631	34.397	0.622	27.584	32.280	0.145	6.60e-06
220	0.673	34.428	0.663	27.607	32.301	0.155	1.30e-05
240	0.726	34.454	0.716	27.624	32.317	0.164	1.10e-05
260	0.758	34.480	0.747	27.643	32.334	0.174	8.00e-06
280	0.820	34.505	0.808	27.659	32.349	0.182	5.20e-06
300	0.874	34.520	0.860	27.668	32.356	0.191	1.20e-06
320	0.940	34.542	0.926	27.681	32.367	0.199	4.00e-06
340	0.970	34.550	0.955	27.686	32.371	0.207	3.10e-06
360	1.023	34.563	1.006	27.693	32.377	0.216	3.70e-06
380	1.022	34.569	1.003	27.698	32.382	0.224	4.70e-06
400	1.065	34.585	1.046	27.708	32.390	0.232	2.50e-06
420	1.111	34.599	1.091	27.716	32.397	0.239	2.00e-06
440	1.137	34.607	1.116	27.720	32.400	0.247	1.20e-06
460	1.149	34.610	1.127	27.722	32.402	0.255	3.80e-06
480	1.183	34.621	1.159	27.729	32.408	0.262	2.20e-06
500	1.206	34.628	1.180	27.733	32.412	0.269	1.00e-06
550	1.227	34.635	1.199	27.736	32.415	0.288	5.00e-07
600	1.255	34.641	1.224	27.740	32.418	0.306	1.00e-06
650	1.267	34.645	1.233	27.742	32.419	0.325	3.20e-07
700	1.270	34.646	1.233	27.742	32.420	0.343	4.40e-07
750	1.279	34.648	1.239	27.743	32.421	0.362	3.40e-07
800	1.294	34.650	1.251	27.744	32.422	0.380	3.40e-08
850	1.306	34.652	1.260	27.745	32.423	0.399	8.60e-08
900	1.313	34.653	1.264	27.745	32.423	0.417	6.40e-08
950	1.320	34.654	1.268	27.746	32.424	0.435	1.10e-07
1000	1.328	34.655	1.272	27.746	32.424	0.454	8.60e-08
1100	1.347	34.658	1.284	27.747	32.425	0.491	-5.00e-08
1200	1.361	34.660	1.291	27.747	32.426	0.528	-4.70e-09
1300	1.374	34.661	1.298	27.747	32.426	0.567	-3.90e-08
1316	1.376	34.661	1.299	27.747	32.426	0.572	6.40e-07

CTD salinity 34.661, Autosol salinity 34.663 at 1320 m



LTER 93b	Station:	900.140 (859)	JulianDay:	131	GMT:	2043
	Latitude:	62° 17.830' S	Longitude:	62° 1.930' W	Depth:	1438 m
	Barometer:	994.8 mb	RelHumidity:	71.5%	AirTemp:	-4.1°C
	RH Temp:	-5.4°C	WindSpeed:	4.3 m s ⁻¹	WindDir:	345°

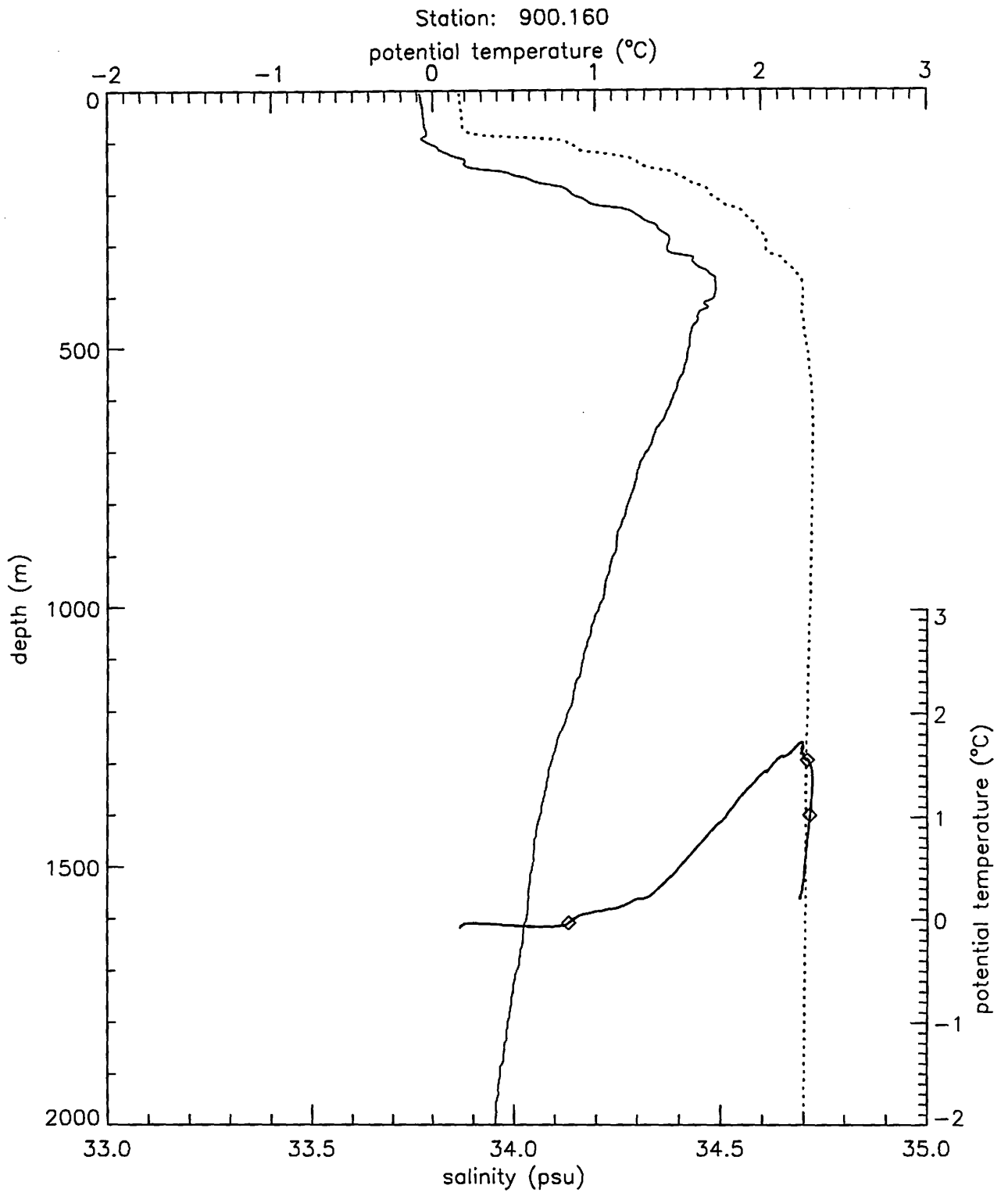
Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
7	-0.001	33.892	-0.002	27.212	31.930	0.003	4.40e-09
10	-0.001	33.892	-0.002	27.212	31.930	0.004	-1.10e-06
20	0.000	33.892	0.000	27.212	31.929	0.013	-9.40e-07
30	0.004	33.891	0.003	27.211	31.929	0.021	-5.90e-07
40	0.006	33.893	0.004	27.212	31.930	0.029	3.30e-06
50	0.002	33.899	0.001	27.217	31.935	0.037	1.90e-05
60	0.020	33.943	0.018	27.252	31.969	0.045	5.80e-05
70	0.006	34.036	0.003	27.327	32.044	0.053	7.10e-05
80	-0.037	34.091	-0.040	27.374	32.092	0.060	4.80e-05
90	-0.196	34.160	-0.199	27.438	32.160	0.067	3.60e-05
100	0.114	34.232	0.110	27.481	32.192	0.073	3.00e-05
110	0.258	34.268	0.254	27.502	32.209	0.079	8.60e-06
120	0.261	34.279	0.256	27.510	32.218	0.084	5.40e-06
130	0.262	34.285	0.257	27.515	32.222	0.089	7.70e-06
140	0.262	34.296	0.257	27.524	32.231	0.095	6.20e-06
150	0.251	34.310	0.245	27.536	32.243	0.100	2.00e-05
160	0.236	34.332	0.230	27.554	32.262	0.105	6.00e-06
180	0.340	34.367	0.332	27.577	32.281	0.116	2.00e-05
200	0.307	34.386	0.299	27.594	32.299	0.126	1.60e-05
220	0.187	34.410	0.178	27.620	32.328	0.135	1.30e-05
240	0.235	34.442	0.225	27.643	32.350	0.144	1.10e-05
260	0.263	34.482	0.252	27.674	32.380	0.153	4.70e-06
280	1.151	34.583	1.138	27.700	32.379	0.161	3.70e-06
300	1.518	34.631	1.503	27.712	32.381	0.169	1.00e-05
320	1.579	34.646	1.562	27.720	32.387	0.176	3.70e-06
340	1.593	34.656	1.575	27.727	32.394	0.184	2.20e-06
360	1.559	34.665	1.541	27.737	32.405	0.191	1.70e-06
380	1.515	34.665	1.496	27.740	32.409	0.199	1.40e-06
400	1.431	34.663	1.410	27.745	32.416	0.206	1.30e-06
420	1.405	34.675	1.384	27.757	32.429	0.213	9.90e-06
440	1.427	34.685	1.405	27.763	32.435	0.220	1.80e-06
460	1.442	34.694	1.418	27.769	32.440	0.227	1.40e-06
480	1.444	34.695	1.419	27.769	32.441	0.233	6.50e-07
500	1.436	34.698	1.410	27.773	32.445	0.240	5.60e-07
550	1.409	34.706	1.381	27.781	32.454	0.257	1.60e-06
600	1.358	34.713	1.326	27.790	32.464	0.273	3.30e-06
650	1.305	34.717	1.271	27.797	32.473	0.289	7.40e-07
700	1.233	34.719	1.196	27.803	32.482	0.305	8.80e-07
750	1.186	34.718	1.147	27.806	32.486	0.320	1.20e-06
800	1.089	34.717	1.048	27.812	32.495	0.335	-4.40e-07
850	1.048	34.716	1.004	27.814	32.498	0.351	1.00e-06
900	0.972	34.714	0.925	27.817	32.504	0.365	3.50e-07
950	0.938	34.713	0.888	27.818	32.506	0.380	2.60e-06
1000	0.896	34.711	0.844	27.820	32.510	0.395	2.10e-07
1100	0.826	34.709	0.768	27.823	32.515	0.424	4.10e-07
1200	0.744	34.707	0.680	27.826	32.521	0.453	4.10e-07
1300	0.631	34.704	0.562	27.831	32.529	0.482	8.40e-07
1400	0.549	34.701	0.475	27.834	32.535	0.509	-2.20e-07
1430	0.545	34.701	0.469	27.834	32.536	0.516	2.60e-06



LTER 93b	Station:	900.160 (861)	JulianDay:	131	GMT:	2349
	Latitude:	62° 11.030' S	Longitude:	62° 19.800' W	Depth:	-999 m
	Barometer:	994.9 mb	RelHumidity:	72.8%	AirTemp:	-3.6°C
	RH Temp:	-5.0°C	WindSpeed:	1.9 m s ⁻¹	WindDir:	284°

Depth	Temp	Sal	Ptemp	Sigma0	Signal	DynHt	N ²
5	-0.085	33.867	-0.085	27.196	31.916	0.002	-8.50e-06
10	-0.079	33.867	-0.079	27.195	31.916	0.005	-9.20e-07
20	-0.075	33.867	-0.076	27.195	31.915	0.014	1.10e-06
30	-0.067	33.869	-0.068	27.196	31.917	0.023	1.30e-06
40	-0.062	33.871	-0.063	27.198	31.918	0.031	5.30e-07
50	-0.058	33.872	-0.060	27.199	31.919	0.040	1.50e-06
60	-0.055	33.873	-0.057	27.199	31.919	0.049	1.50e-08
70	-0.049	33.875	-0.052	27.201	31.920	0.057	2.50e-06
80	-0.037	33.889	-0.040	27.211	31.930	0.066	2.60e-05
90	-0.063	34.020	-0.066	27.318	32.037	0.074	2.00e-04
100	-0.030	34.133	-0.034	27.408	32.125	0.081	9.60e-06
110	0.034	34.156	0.030	27.423	32.138	0.088	7.30e-06
120	0.088	34.214	0.084	27.467	32.180	0.094	7.80e-05
130	0.180	34.288	0.175	27.522	32.231	0.100	3.00e-05
140	0.201	34.306	0.196	27.536	32.244	0.105	1.20e-05
150	0.284	34.345	0.278	27.562	32.268	0.111	3.20e-05
160	0.486	34.396	0.480	27.591	32.291	0.116	6.70e-06
180	0.712	34.444	0.704	27.617	32.310	0.125	2.00e-05
200	0.874	34.479	0.865	27.635	32.323	0.135	7.40e-06
220	1.016	34.515	1.006	27.654	32.338	0.143	8.30e-06
240	1.274	34.564	1.262	27.676	32.352	0.152	5.70e-06
260	1.384	34.590	1.372	27.689	32.362	0.160	1.90e-06
280	1.457	34.609	1.443	27.699	32.370	0.168	5.40e-06
300	1.453	34.612	1.438	27.702	32.373	0.176	9.00e-07
320	1.603	34.646	1.586	27.719	32.385	0.184	1.60e-05
340	1.649	34.672	1.631	27.736	32.401	0.192	4.40e-06
360	1.743	34.696	1.724	27.748	32.411	0.199	5.60e-06
380	1.748	34.700	1.728	27.751	32.413	0.206	1.00e-06
400	1.729	34.700	1.707	27.752	32.416	0.213	3.10e-06
420	1.684	34.700	1.662	27.755	32.420	0.220	3.60e-06
440	1.643	34.701	1.619	27.760	32.426	0.227	3.80e-06
460	1.605	34.702	1.581	27.763	32.430	0.234	9.20e-07
480	1.594	34.707	1.569	27.768	32.436	0.241	1.20e-06
500	1.583	34.711	1.556	27.772	32.440	0.248	1.80e-06
550	1.547	34.717	1.518	27.780	32.449	0.265	4.80e-06
600	1.488	34.722	1.456	27.788	32.458	0.281	1.60e-06
650	1.404	34.723	1.370	27.795	32.468	0.297	2.30e-06
700	1.336	34.722	1.298	27.799	32.475	0.313	1.50e-06
750	1.285	34.722	1.245	27.802	32.480	0.329	9.40e-07
800	1.235	34.721	1.192	27.805	32.484	0.345	5.10e-07
850	1.181	34.720	1.135	27.808	32.488	0.360	1.00e-06
900	1.149	34.719	1.101	27.809	32.491	0.376	4.10e-07
950	1.109	34.718	1.058	27.811	32.494	0.391	1.60e-08
1000	1.072	34.716	1.018	27.813	32.497	0.406	4.70e-07
1100	0.983	34.714	0.924	27.817	32.504	0.437	5.40e-07
1200	0.894	34.711	0.830	27.820	32.511	0.467	1.20e-06
1300	0.796	34.708	0.726	27.824	32.518	0.496	4.90e-07
1400	0.737	34.706	0.660	27.826	32.523	0.525	6.70e-07
1500	0.693	34.705	0.610	27.828	32.526	0.554	5.40e-07
1600	0.664	34.704	0.575	27.829	32.529	0.583	7.30e-07
1700	0.611	34.703	0.515	27.832	32.533	0.612	9.50e-07
1800	0.562	34.702	0.460	27.833	32.537	0.640	-2.00e-07
1900	0.521	34.701	0.413	27.835	32.540	0.668	-5.90e-08
2000	0.497	34.700	0.381	27.836	32.542	0.696	3.10e-07
2200	0.436	34.697	0.306	27.837	32.547	0.751	6.10e-07
2400	0.391	34.694	0.246	27.837	32.549	0.806	5.60e-07
2600	0.364	34.690	0.203	27.836	32.550	0.861	7.80e-09
2673	0.370	34.690	0.202	27.836	32.550	0.880	2.20e-06

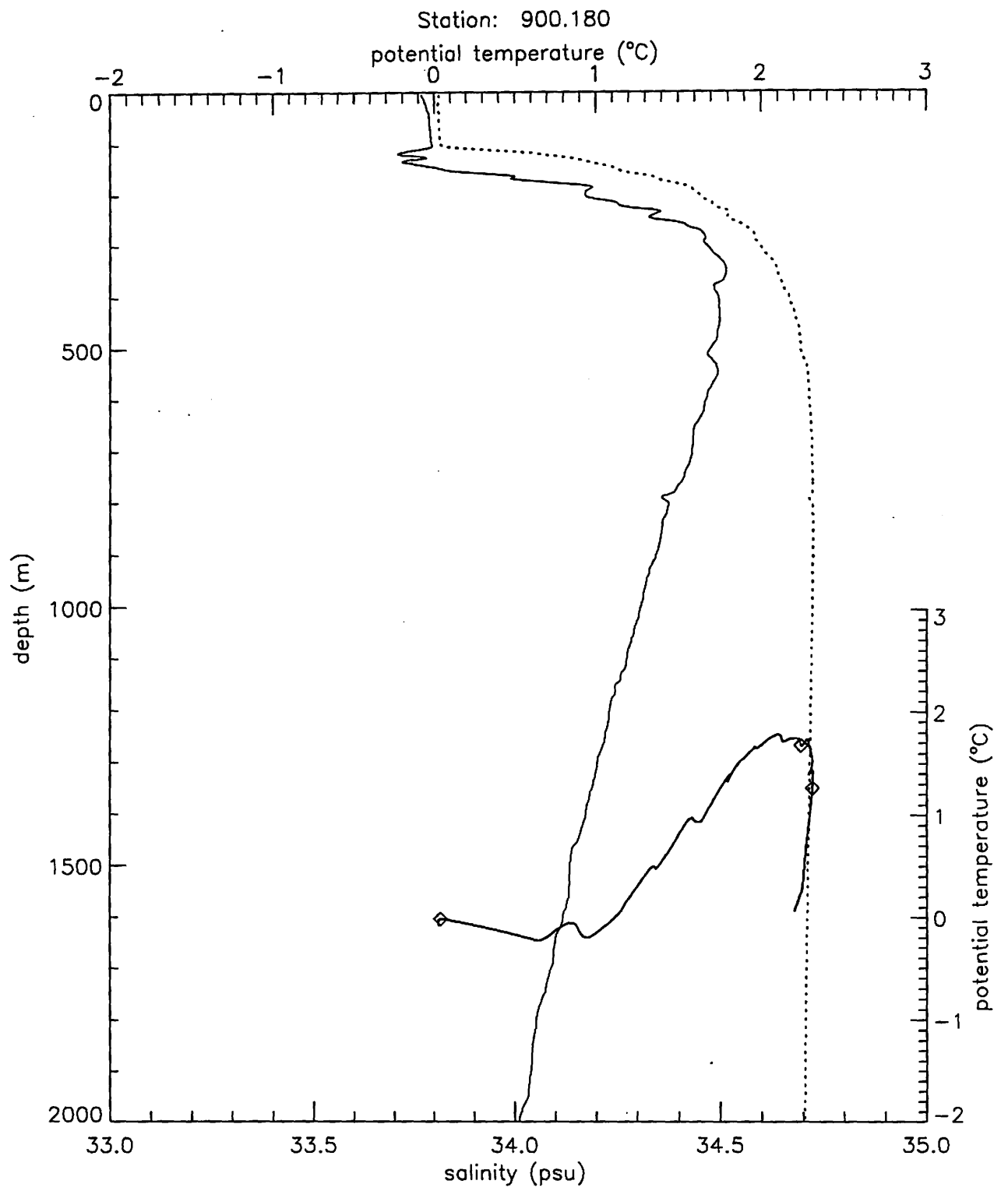
CTD salinity 34.690, Autosal salinity 34.695 at 2667 m



LTER 93b Station: 900.180 (862) JulianDay: 132 GMT: 0300
 Latitude: 62° 4.030' S Longitude: 62° 37.680' W Depth: -999 m
 Barometer: 995.3 mb RelHumidity: 74.7% AirTemp: -3.6°C
 R.H Temp: -4.8°C WindSpeed: 4.4 m s⁻¹ WindDir: 134°

Depth	Temp	Sal	Ptemp	Sigma0	Signal	DynHt	N ²
5	-0.079	33.811	-0.079	27.150	31.871	0.003	-1.40e-04
10	-0.074	33.812	-0.074	27.151	31.871	0.006	-1.50e-06
20	-0.059	33.810	-0.060	27.149	31.869	0.015	-3.20e-06
30	-0.049	33.809	-0.050	27.147	31.868	0.024	7.50e-08
40	-0.035	33.811	-0.037	27.148	31.868	0.033	5.20e-07
50	-0.031	33.811	-0.032	27.148	31.868	0.042	1.60e-07
60	-0.029	33.811	-0.031	27.148	31.868	0.052	3.10e-07
70	-0.025	33.812	-0.027	27.148	31.868	0.061	3.20e-07
80	-0.023	33.812	-0.025	27.149	31.868	0.070	-1.40e-07
90	-0.019	33.813	-0.022	27.149	31.868	0.079	5.40e-07
100	-0.012	33.816	-0.016	27.151	31.870	0.088	1.00e-05
110	-0.093	33.923	-0.096	27.241	31.962	0.097	2.10e-04
120	-0.197	34.076	-0.201	27.370	32.093	0.105	5.60e-05
130	-0.163	34.163	-0.167	27.439	32.159	0.111	5.40e-05
140	-0.082	34.220	-0.087	27.481	32.199	0.117	3.20e-05
150	0.073	34.260	0.067	27.505	32.218	0.123	8.40e-06
160	0.488	34.332	0.482	27.540	32.241	0.129	3.40e-05
180	0.963	34.424	0.955	27.585	32.271	0.139	2.40e-05
200	0.947	34.454	0.938	27.610	32.296	0.149	3.00e-06
220	1.186	34.488	1.175	27.621	32.300	0.158	6.10e-06
240	1.336	34.518	1.324	27.635	32.310	0.168	4.20e-07
260	1.580	34.561	1.567	27.652	32.320	0.177	9.00e-06
280	1.676	34.583	1.662	27.663	32.327	0.185	2.50e-06
300	1.701	34.601	1.685	27.675	32.339	0.194	3.10e-06
320	1.763	34.620	1.746	27.686	32.348	0.203	6.20e-06
340	1.803	34.637	1.785	27.696	32.357	0.211	2.20e-06
360	1.793	34.644	1.774	27.703	32.364	0.219	5.00e-06
380	1.735	34.655	1.714	27.716	32.379	0.227	1.50e-06
400	1.765	34.669	1.743	27.724	32.387	0.234	1.40e-06
420	1.770	34.677	1.747	27.731	32.393	0.242	2.60e-06
440	1.772	34.683	1.748	27.736	32.398	0.250	2.90e-06
460	1.761	34.691	1.736	27.743	32.405	0.257	1.50e-06
480	1.750	34.693	1.724	27.745	32.408	0.264	3.30e-06
500	1.707	34.695	1.679	27.750	32.415	0.272	3.90e-06
550	1.758	34.713	1.728	27.760	32.423	0.289	2.00e-06
600	1.691	34.716	1.657	27.768	32.433	0.307	9.20e-07
650	1.628	34.719	1.592	27.775	32.442	0.324	1.20e-06
700	1.618	34.721	1.579	27.778	32.445	0.341	6.20e-07
750	1.566	34.723	1.524	27.783	32.452	0.358	1.80e-06
800	1.480	34.723	1.436	27.789	32.461	0.375	1.50e-06
850	1.444	34.724	1.397	27.793	32.466	0.392	5.30e-07
900	1.410	34.724	1.360	27.795	32.470	0.408	2.50e-07
950	1.354	34.723	1.301	27.798	32.475	0.424	3.20e-07
1000	1.320	34.723	1.264	27.801	32.478	0.441	7.10e-07
1100	1.246	34.721	1.184	27.804	32.485	0.473	2.30e-07
1200	1.147	34.718	1.080	27.809	32.493	0.505	3.40e-07
1300	1.078	34.716	1.005	27.812	32.498	0.536	2.30e-07
1400	1.014	34.714	0.934	27.815	32.504	0.568	4.60e-08
1500	0.920	34.711	0.835	27.819	32.510	0.598	8.50e-09
1600	0.885	34.710	0.793	27.820	32.513	0.629	4.60e-07
1700	0.820	34.708	0.721	27.823	32.518	0.660	1.20e-06
1800	0.737	34.706	0.633	27.826	32.525	0.689	1.40e-07
1900	0.712	34.705	0.601	27.827	32.527	0.719	7.20e-07
2000	0.643	34.704	0.525	27.830	32.533	0.749	1.30e-06
2200	0.572	34.702	0.440	27.833	32.539	0.806	3.00e-07
2400	0.505	34.700	0.357	27.835	32.544	0.863	-1.60e-07
2600	0.470	34.698	0.306	27.836	32.548	0.918	5.80e-07
2800	0.451	34.697	0.271	27.836	32.550	0.974	2.30e-07
3000	0.423	34.693	0.225	27.835	32.550	1.030	1.40e-08
3200	0.405	34.690	0.189	27.834	32.551	1.087	5.20e-08
3400	0.388	34.687	0.154	27.832	32.552	1.143	2.30e-07
3600	0.365	34.683	0.111	27.830	32.552	1.200	7.50e-08
3800	0.360	34.681	0.086	27.829	32.553	1.257	-7.50e-08
3986	0.361	34.679	0.068	27.827	32.553	1.310	3.20e-07

CTD salinity 34.679, Autosal salinity 34.678 at 3998 m



LTER 93b Station: 900.200 (863) JulianDay: 132 GMT: 0656
 Latitude: 61° 56.770' S Longitude: 62° 55.100' W Depth: -999 m
 Barometer: 996.6 mb RelHumidity: 73.2% AirTemp: -2.1°C
 RH Temp: -3.6°C WindSpeed: 9.7 m s⁻¹ WindDir: 349°

Depth	Temp	Sal	Ptemp	Sigma0	Sigma1	DynHt	N ²
6	-0.174	33.743	-0.174	27.100	31.824	0.001	-9.00e-07
10	-0.171	33.743	-0.172	27.100	31.824	0.004	-6.20e-07
20	-0.164	33.743	-0.165	27.099	31.824	0.013	-5.00e-08
30	-0.164	33.743	-0.165	27.099	31.824	0.023	4.80e-08
40	-0.163	33.743	-0.164	27.100	31.824	0.033	1.30e-08
50	-0.159	33.744	-0.161	27.100	31.824	0.042	4.40e-09
60	-0.158	33.744	-0.160	27.100	31.824	0.052	1.70e-08
70	-0.157	33.744	-0.160	27.100	31.824	0.062	-1.30e-07
80	-0.156	33.744	-0.159	27.100	31.824	0.071	2.00e-07
90	-0.152	33.770	-0.155	27.120	31.844	0.081	8.40e-05
100	-0.099	33.986	-0.102	27.293	32.013	0.089	6.40e-05
110	0.080	34.032	0.076	27.320	32.035	0.097	8.20e-06
120	0.463	34.090	0.458	27.346	32.049	0.104	2.20e-05
130	0.831	34.145	0.825	27.369	32.060	0.111	1.60e-05
140	1.076	34.191	1.070	27.390	32.075	0.118	2.60e-05
150	1.141	34.217	1.134	27.407	32.089	0.125	1.60e-05
160	1.137	34.225	1.129	27.413	32.096	0.132	7.50e-06
180	1.116	34.259	1.108	27.442	32.125	0.145	1.00e-05
200	1.249	34.325	1.240	27.486	32.165	0.157	1.60e-05
220	1.473	34.382	1.462	27.516	32.188	0.169	2.00e-05
240	1.668	34.424	1.655	27.536	32.202	0.180	7.40e-06
260	1.564	34.429	1.551	27.547	32.216	0.191	1.00e-05
280	1.682	34.474	1.667	27.575	32.240	0.202	1.30e-05
300	1.777	34.495	1.761	27.584	32.247	0.212	4.20e-06
320	1.890	34.528	1.872	27.603	32.262	0.222	4.80e-06
340	1.905	34.546	1.887	27.615	32.275	0.232	8.10e-06
360	1.904	34.560	1.884	27.627	32.286	0.242	5.90e-06
380	1.940	34.572	1.919	27.633	32.292	0.251	6.40e-06
400	1.830	34.571	1.808	27.641	32.303	0.260	2.20e-06
420	1.912	34.593	1.889	27.652	32.311	0.270	3.90e-06
440	1.913	34.606	1.888	27.663	32.322	0.278	4.40e-06
460	1.913	34.616	1.888	27.671	32.330	0.287	2.10e-06
480	1.936	34.628	1.909	27.679	32.337	0.296	3.90e-06
500	1.944	34.634	1.916	27.683	32.341	0.305	1.90e-06
550	1.983	34.661	1.952	27.702	32.359	0.326	2.60e-06
600	1.963	34.675	1.929	27.714	32.372	0.346	2.70e-06
650	1.942	34.686	1.904	27.725	32.384	0.366	2.80e-06
700	1.924	34.696	1.884	27.734	32.394	0.386	1.70e-06
750	1.895	34.700	1.852	27.740	32.400	0.405	2.00e-06
800	1.856	34.705	1.809	27.747	32.409	0.424	1.10e-06
850	1.806	34.709	1.756	27.754	32.418	0.443	1.80e-06
900	1.773	34.716	1.720	27.762	32.427	0.461	1.60e-06
950	1.744	34.721	1.688	27.768	32.434	0.480	1.10e-06
1000	1.693	34.723	1.634	27.773	32.441	0.498	5.40e-07
1100	1.620	34.725	1.555	27.780	32.451	0.533	1.70e-06
1200	1.521	34.725	1.450	27.788	32.461	0.569	1.60e-06
1300	1.456	34.725	1.378	27.792	32.469	0.603	5.70e-07
1400	1.366	34.723	1.282	27.798	32.477	0.638	1.40e-06
1500	1.284	34.721	1.194	27.802	32.484	0.672	8.10e-07
1600	1.212	34.719	1.116	27.806	32.490	0.705	6.30e-07
1700	1.143	34.717	1.040	27.809	32.496	0.738	5.80e-08
1800	1.098	34.716	0.988	27.810	32.500	0.771	8.90e-07
1900	1.027	34.714	0.910	27.814	32.505	0.804	1.70e-06
2000	0.952	34.712	0.829	27.817	32.511	0.836	8.50e-07
2200	0.828	34.708	0.691	27.822	32.521	0.899	2.30e-07
2400	0.725	34.705	0.573	27.826	32.529	0.960	9.50e-07
2600	0.637	34.703	0.470	27.830	32.537	1.021	-8.90e-08
2800	0.546	34.700	0.363	27.833	32.544	1.080	4.60e-07
3000	0.507	34.698	0.308	27.834	32.547	1.138	-6.30e-08
3200	0.471	34.695	0.254	27.833	32.549	1.196	1.40e-07
3400	0.451	34.692	0.215	27.832	32.551	1.253	3.30e-07
3600	0.436	34.690	0.181	27.831	32.552	1.311	-2.10e-08
3800	0.357	34.681	0.084	27.829	32.553	1.369	2.90e-06
3807	0.346	34.680	0.072	27.829	32.553	1.371	2.40e-06

CTD salinity 33.742, Autosol salinity 33.743 at 50 m
 CTD salinity 34.431, Autosol salinity 34.429 at 250 m
 CTD salinity 34.431, Autosol salinity 34.431 at 250 m
 CTD salinity 34.680, Autosol salinity 34.677 at 3810 m

