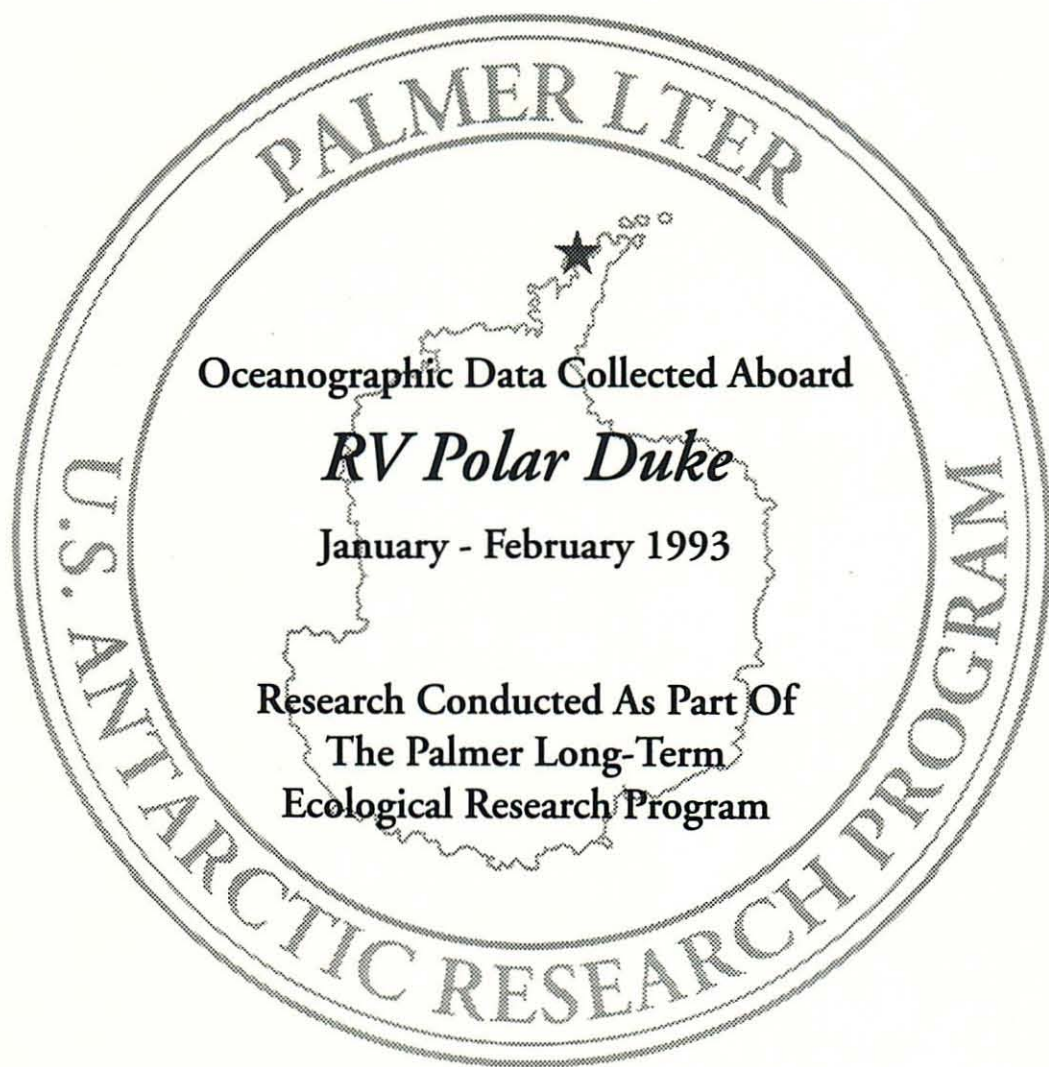


KSO



C. M. Lascara, R. C. Smith, D. Menzies and K. S. Baker

CCPO Technical Report No. 93-02

CENTER FOR COASTAL PHYSICAL OCEANOGRAPHY

Crittenton Hall Old Dominion University Norfolk, Virginia 23529



Oceanographic Data Collected Aboard
RV Polar Duke
January - February 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

Ray Smith Karen Baker	UCSB SIO	remote sensing, climatology, environmental optics, hydrography, bio-optical models of primary production
Barbara Prezelin	UCSB	phytoplankton and inorganic nutrient dynamics, bio-optical models of primary production
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Eileen Hofmann John Klinck	ODU ODU	oceanic circulation, hydrography, biological-physical and population models
David Karl	UH	dissolved organic carbon, microbial processes

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 MSU Montana State University, Bozeman, MT 59717
 ODU Old Dominion University, Norfolk, VA 23529
 UH University of Hawaii, Honolulu, HA 96822

INTRODUCTION

From 8 January - 7 February 1993, a multidisciplinary cruise was conducted aboard the RV *Polar Duke* as part of the Palmer Long-Term Ecological Research (LTER) program off the Antarctic Peninsula. Stations were occupied at specified grid locations (Figure 1) within the Palmer LTER survey grid (Waters and Smith, 1992). The cruise departed from Punta Arenas, Chile (1 January) and returned to Palmer Station, Antarctica (7 February).

Oceanographic data were collected using a Bio-Optical Profiling System (BOPS) (for a complete description see Smith *et al.*, 1984 and Smith and Baker, 1984). The BOPS package was configured with a SeaBird CTD sensor to measure temperature, conductivity, and pressure; a BioSpherical PAR and spectral irradiance sensor; and a SeaTech fluorometer. This data report presents the following hydrographic variables which were measured directly or derived from measured variables as part of this cruise: temperature, potential temperature, salinity, density, dynamic height, and Brunt-Väisälä frequency.

Upon return from the cruise, the BOPS data were initially processed at the Center for Remote Sensing and Environmental Optics at University of California, Santa Barbara. Final processing and report generation were completed at the Center for Coastal Physical Oceanography (CCPO) at Old Dominion University. Tapes of this data at one-meter resolution have been sent to the National Oceanographic Data Center.

SAMPLING PROCEDURES

In Situ Data Collection

The BOPS was used to collect 150 vertical profiles of temperature and conductivity at 69 stations within the Palmer LTER grid (Figure 1). Observations were made to 500 meters or to within 50 m of the bottom for shallower stations. The BOPS unit was lowered and raised at approximately 30 m min^{-1} . Data were collected on both down and up casts; down cast data were used to generate this report. A 12-place rosette frame outfitted with 12 12-liter Go Flo bottles was lowered with the BOPS. The bottles were closed at selected depths on the up cast to obtain water for nutrient and biological analyses. Horizontal spacing between the hydrographic stations was 20 km on most transects; alongshelf spacing between transects was 100 km.

CTD Sensor Calibration

The temperature and conductivity sensors on the CTD were subjected to pre- and post-cruise calibrations by Sea-Bird Electronics. The change in the temperature sensor between the two calibrations was $0.0005^\circ\text{C mo}^{-1}$. The change

in the conductivity sensor was $0.00007 \text{ Siemens m}^{-1} \text{ mo}^{-1}$. Both of these changes are negligible and consequently no corrections were applied to the temperature or conductivity data presented in this report. There were no water samples collected during this cruise to determine salinities using a shipboard salinometer.

Data Processing and Derived Quantities

For each cast, the raw data (temperature and conductivity) from the BOPS were converted to engineering units and averaged into 1-meter depth bins. The conductivity data were corrected for thermal mass effects and pressure reversals. Data from the top 2 m of the water column were ignored due to sensor adjustment and rough surface conditions.

The procedures given in UNESCO (1983) were used to compute salinity from the temperature and conductivity data. Temperature and salinity profiles were plotted for each cast and visually inspected for consistency with acceptable, historical values for the region and for unrealistic spikes. All data were considered acceptable and no editing was performed. A 5-meter running average was applied to the temperature and salinity data to generate smoothed profiles for subsequent processing.

Potential temperature (θ) was determined from temperature profiles based on algorithms given in UNESCO (1983). The potential temperature and salinity data were used to calculate the density-related quantity, σ_0 , which is the density anomaly for a water parcel that is moved adiabatically to the surface and was calculated using the International Equation of State of Seawater, 1980 as described in UNESCO (1983). Dynamic height values, reported in dynamic meters, were calculated relative to the first depth bin closest to the surface. The Brunt-Väisälä frequency, 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).

As a final step, all data were interpolated, using a cubic spline, to the standard depths that are reported in the following tables.

GRAPHICAL AND TABULAR DATA CHARACTERISTICS

A reference list of all 150 BOPS casts is presented in Table 1 which contains the cast or event number, latitude, longitude, Julian day, GMT, and station.

The remainder of this data report presents graphical and tabular representations of station information and oceanographic measurements. For each BOPS cast, a table of station information is provided as described below.

- Station and event numbers (in parenthesis to the right of the station number) are given for each station. The event number is a unique number assigned to each shipboard activity.
- The day of the BOPS cast is reported in Julian Days.
- Time for the BOPS cast is given in Greenwich Mean Time and corresponds to the time when the BOPS departed the surface on the down cast.
- Latitude and longitude locations correspond to the navigational fix, from the FURNO GPS receiver system, at the time the BOPS cast started.
- Bottom depths were determined acoustically with the 50kHz Digitrak system on board the ship.

The second table given for each BOPS cast provides the following oceanographic variables as described below.

- Sample depth is given in meters at 5 m, 10-m intervals from 10 to 160 m and 20-m intervals from 160 to 500 m.
- *In situ* temperature is given in degrees Celsius.
- Salinity is based on the practical salinity scale.
- Potential temperature is given in degrees Celsius.
- Density is given as σ_0 and is reported as kg m^{-3} .
- Dynamic height is given in dynamic meters.
- Brunt Väisälä frequency is given in $\text{rad}^2 \text{sec}^{-2}$.

The graphical presentation consists of vertical profiles of temperature (solid line) and salinity (dotted line) for each station to 500 meters. Also shown are potential temperature-salinity diagrams for each station. The symbols on

the potential temperature-salinity curves are provided as reference points and correspond to depths of 50 m, 100 m, and 200 m.

ACKNOWLEDGMENTS

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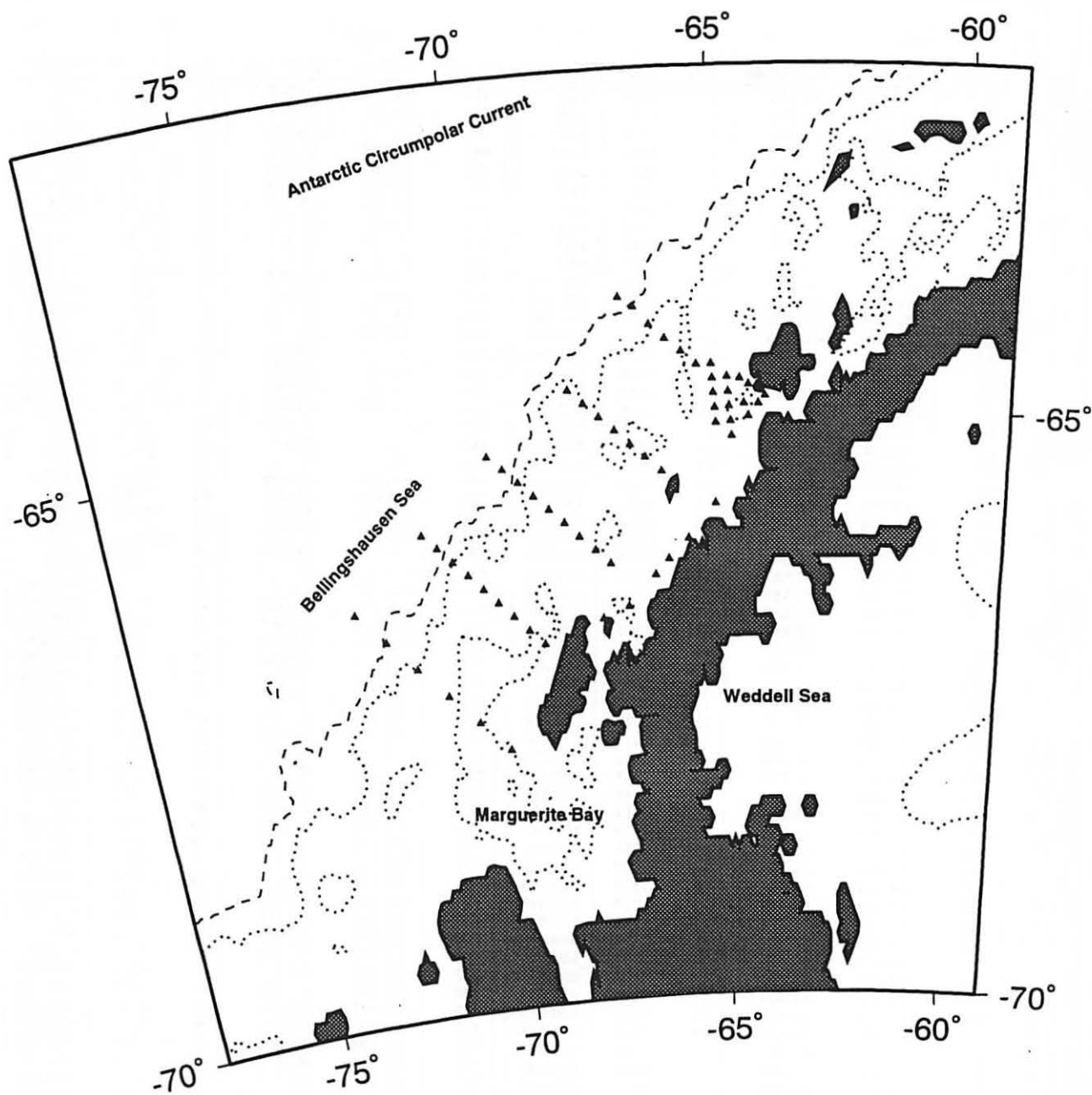


Figure 1. Distribution of BOPS stations, indicated by triangle, occupied during the January - February 1993 LTER cruise. The 500 and 2000 meter isobaths are indicated by the dotted and dashed line, respectively. The southernmost and northernmost transect lines sampled during this cruise correspond to the 200 and 600 lines, respectively of the Palmer LTER peninsula-scale grid.

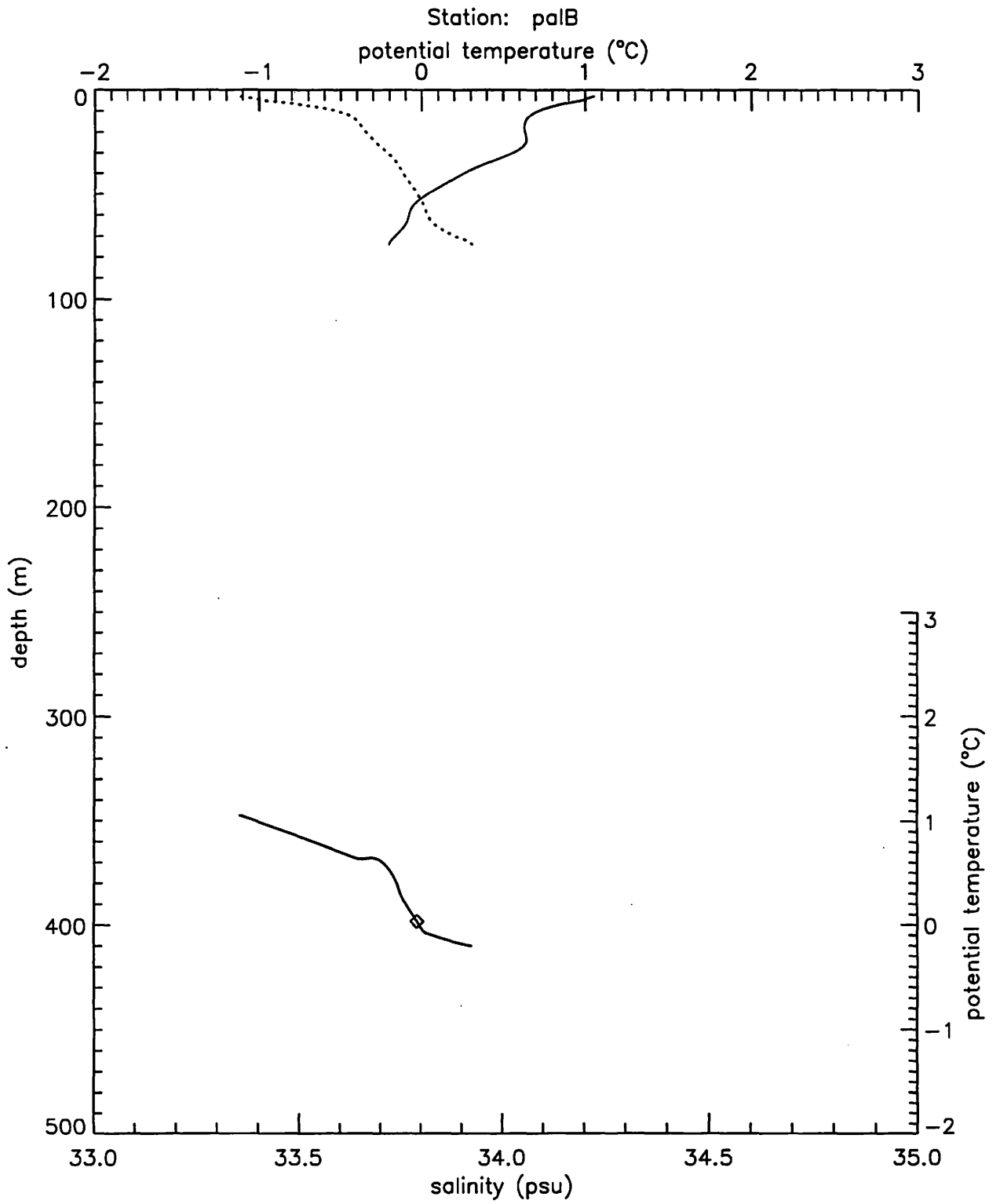
Table 1. Listing of BOPS Stations.

Event	Latitude	Longitude	Day	GMT	Station	Event	Latitude	Longitude	Day	GMT	Station
1	-64.780	-64.076	8	0958	paIB	228	-64.789	-64.076	17	1356	paIC
2	-64.780	-64.074	8	1039	paIB	229	-64.780	-64.076	17	1533	paIB
3	-64.788	-64.074	8	1214	paIC	430	-65.077	-64.982	22	0128	570.050
4	-64.806	-64.050	8	1336	paID	440	-65.195	-64.661	22	0825	570.030
5	-64.814	-64.040	8	1511	paIE	455	-65.067	-64.682	22	1330	580.040
6	-64.808	-64.074	8	1650	paIF	471	-64.952	-64.998	22	1722	580.060
7	-64.800	-64.101	8	1827	paIG	488	-64.822	-65.017	22	2316	590.070
8	-64.790	-64.128	8	1944	paIH	501	-64.941	-64.699	23	0314	590.050
9	-64.775	-64.133	8	2125	paII	516	-65.029	-64.311	23	0938	595.030
10	-64.766	-64.132	8	2300	paIJ	526	-64.934	-64.399	23	1307	600.040
20	-64.933	-64.399	9	0911	600.040	540	-64.816	-64.715	23	1751	600.060
23	-64.815	-64.716	9	1319	600.060	555	-64.697	-65.029	23	2203	600.080
30	-64.696	-65.029	9	1834	600.080	565	-64.571	-65.048	24	0116	610.090
38	-64.576	-65.340	10	0050	600.100	580	-64.688	-64.736	24	0911	610.070
51	-64.455	-65.646	10	0847	600.120	591	-64.706	-64.481	24	1309	616.060
55	-64.337	-65.964	10	1208	600.140	600	-64.758	-64.305	24	1533	617.050
63	-64.213	-66.259	10	1642	600.160	616	-64.857	-63.965	25	0754	620.030
71	-64.090	-66.556	10	2116	600.180	624	-64.923	-64.102	25	1022	610.030
84	-63.966	-66.855	11	0745	600.200	647	-64.766	-64.132	26	0506	paIJ
86	-63.966	-66.855	11	1130	600.200	648	-64.776	-64.134	26	0628	paII
87	-64.088	-66.580	11	1329	600.180	649	-64.789	-64.127	26	0743	paIH
88	-64.088	-66.558	11	1533	600.180	650	-64.800	-64.099	26	0842	paIG
91	-64.089	-66.556	11	1921	600.180	651	-64.807	-64.071	26	0941	paIF
94	-64.088	-66.555	11	2127	600.180	652	-64.816	-64.040	26	1113	paIE
97	-64.087	-66.557	11	2324	600.180	653	-64.808	-64.050	26	1257	paID
100	-64.085	-66.557	12	0124	600.180	655	-64.789	-64.075	26	1353	paIC
101	-64.088	-66.557	12	0329	600.180	656	-64.780	-64.072	26	1535	paIB
104	-64.088	-66.557	12	0528	600.180	659	-64.767	-64.130	26	1846	622.040
107	-64.088	-66.558	12	0729	600.180	660	-64.933	-64.399	27	0030	600.040
110	-64.089	-66.554	12	0926	600.180	661	-65.357	-66.466	27	0659	500.080
113	-64.087	-66.555	12	1123	600.180	662	-66.253	-67.336	27	1316	400.040
116	-64.087	-66.558	12	1324	600.180	670	-66.128	-67.654	27	1718	400.060
117	-64.088	-66.561	12	1525	600.180	675	-66.128	-67.655	27	2012	400.060
126	-64.735	-67.997	13	0010	500.180	682	-66.132	-67.656	27	2326	400.060
137	-64.860	-67.696	13	0728	500.160	685	-66.130	-67.656	28	0223	400.060
144	-64.985	-67.393	13	1112	500.140	688	-66.130	-67.655	28	0528	400.060
150	-65.109	-67.086	13	1512	500.120	691	-66.130	-67.655	28	0834	400.060
154	-65.234	-66.776	13	1914	500.100	694	-66.129	-67.657	28	1128	400.060
162	-65.353	-66.468	13	2344	500.080	697	-66.130	-67.655	28	1428	400.060
176	-65.481	-66.151	14	0919	500.060	700	-66.129	-67.656	28	1726	400.060
177	-65.482	-66.150	14	0758	500.060	704	-66.004	-67.975	28	1935	400.080
193	-64.934	-64.401	15	0925	600.040	712	-65.878	-68.283	28	2327	400.100
194	-64.933	-64.400	15	1127	600.040	726	-65.752	-68.592	29	0857	400.120
197	-64.934	-64.398	15	1328	600.040	735	-65.623	-68.901	29	1327	400.140
198	-64.933	-64.399	15	1527	600.040	737	-65.495	-69.201	29	1533	400.160
199	-64.933	-64.398	15	1732	600.040	743	-65.494	-69.196	29	1823	400.160
200	-64.934	-64.407	15	1925	600.040	748	-65.496	-69.202	29	2125	400.160
201	-64.917	-64.402	15	2123	600.040	751	-65.498	-69.202	30	0029	400.160
202	-64.934	-65.402	15	2330	600.040	757	-65.495	-69.201	30	0329	400.160
203	-64.933	-64.404	16	0125	600.040	760	-65.496	-69.202	30	0632	400.160
204	-64.933	-64.401	16	0330	600.040	763	-65.497	-69.202	30	0929	400.160
205	-64.932	-64.400	16	0401	600.040	767	-65.495	-69.201	30	1226	400.160
206	-64.934	-64.401	16	0528	600.040	770	-65.496	-69.203	30	1528	400.160
207	-64.933	-64.402	16	0729	600.040	772	-65.367	-69.502	30	1718	400.180
210	-64.933	-64.400	16	0923	600.040	780	-65.241	-69.797	30	2302	400.200
211	-64.934	-64.398	16	1127	600.040	795	-65.850	-71.382	31	0856	300.200
220	-64.769	-64.150	17	0455	paIJ	806	-65.980	-71.083	31	1424	300.180
221	-64.776	-64.151	17	0623	paII	808	-66.114	-70.783	31	1628	300.160
222	-64.790	-64.139	17	0736	paIH	818	-66.244	-70.482	31	2145	300.140
223	-64.802	-64.101	17	0901	paIG	833	-66.375	-70.174	32	0758	300.120
224	-64.805	-64.061	17	1008	paIF	841	-66.505	-69.868	32	1313	300.100
225	-64.815	-64.041	17	1127	paIE	843	-66.635	-69.555	32	1516	300.080
227	-64.808	-64.072	17	1257	paIF	851	-66.764	-69.243	32	2004	300.060

Event	Latitude	Longitude	Day	GMT	Station
859	-66.891	-68.927	33	0008	300.040
869	-66.443	-73.035	33	1602	200.200
879	-66.715	-72.447	33	2227	200.160
886	-66.982	-71.840	34	0153	200.120
892	-67.248	-71.222	34	0520	200.080
898	-67.512	-70.590	34	0849	200.040
904	-67.773	-69.939	34	1330	200.000
907	-66.720	-67.576	35	1423	355.010
909	-66.721	-67.578	35	1723	355.010
912	-66.631	-67.000	36	0141	380.000
922	-66.372	-66.382	36	1219	420.000
924	-66.240	-66.081	36	1422	440.000
928	-66.074	-65.628	36	1924	470.000
936	-65.775	-65.041	37	1319	510.000
947	-64.934	-64.397	37	2001	600.040
951	-64.768	-64.134	38	1102	palJ
952	-64.775	-64.133	38	1154	palI
953	-64.789	-64.127	38	1239	palH
954	-64.803	-64.101	38	1332	palG
955	-64.808	-64.073	38	1409	palF
956	-64.983	-64.040	38	1507	palE
957	-64.808	-64.051	38	1613	palD
958	-64.788	-64.073	38	1650	palC
959	-64.780	-64.072	38	1727	palB

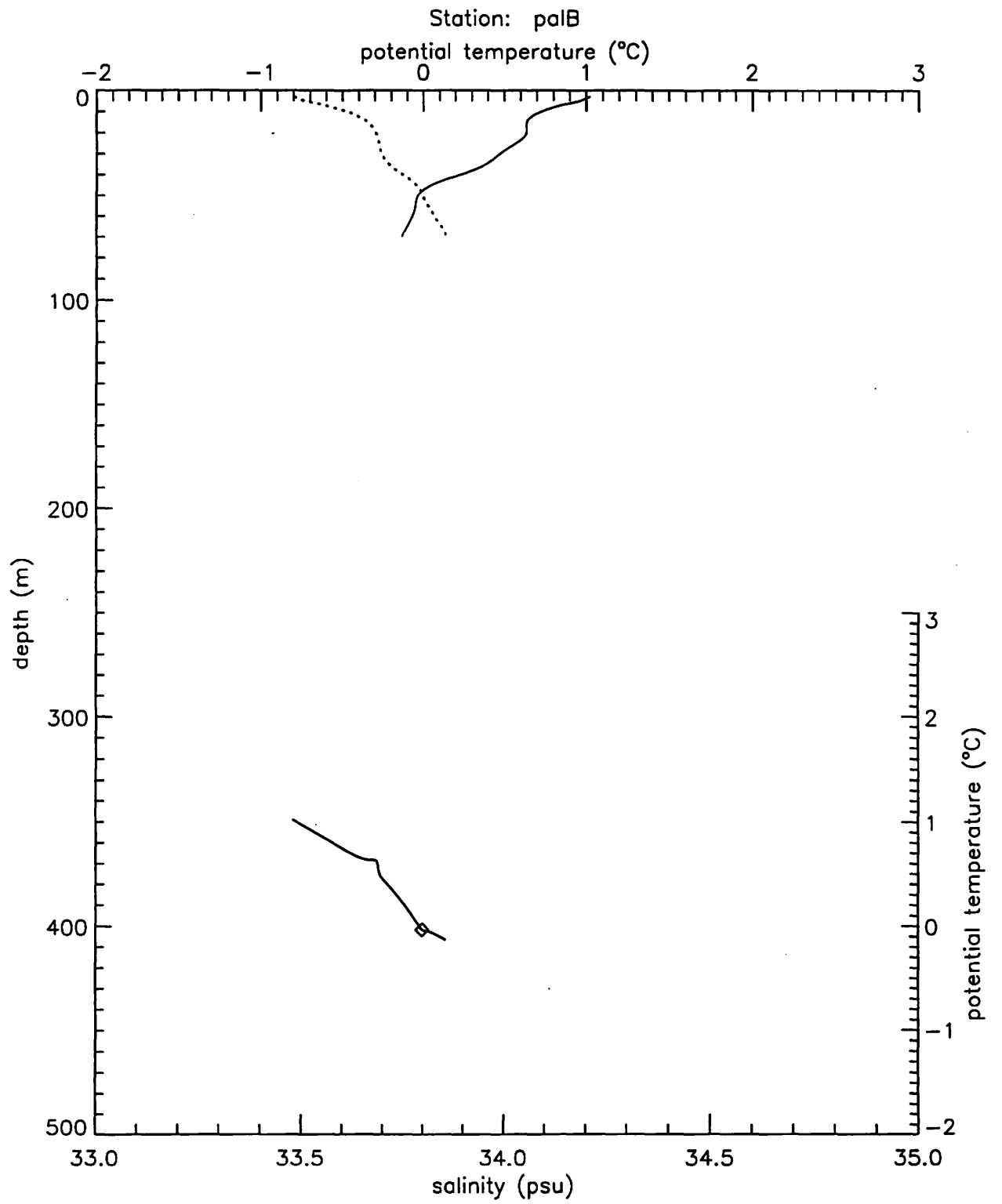
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Latitude: 64° 46.77' S Longitude: 64° 4.47' W Depth: 80 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.979	0.979	33.408	26.767	0.0026	2.98e-04
10	0.715	0.714	33.590	26.929	0.0085	2.01e-04
20	0.636	0.635	33.662	26.992	0.0192	3.47e-05
30	0.558	0.557	33.716	27.040	0.0296	5.47e-05
40	0.259	0.258	33.754	27.087	0.0394	3.75e-05
50	0.037	0.036	33.790	27.127	0.0489	3.52e-05
60	-0.076	-0.079	33.814	27.153	0.0580	2.69e-05
70	-0.160	-0.163	33.882	27.212	0.0668	8.89e-05



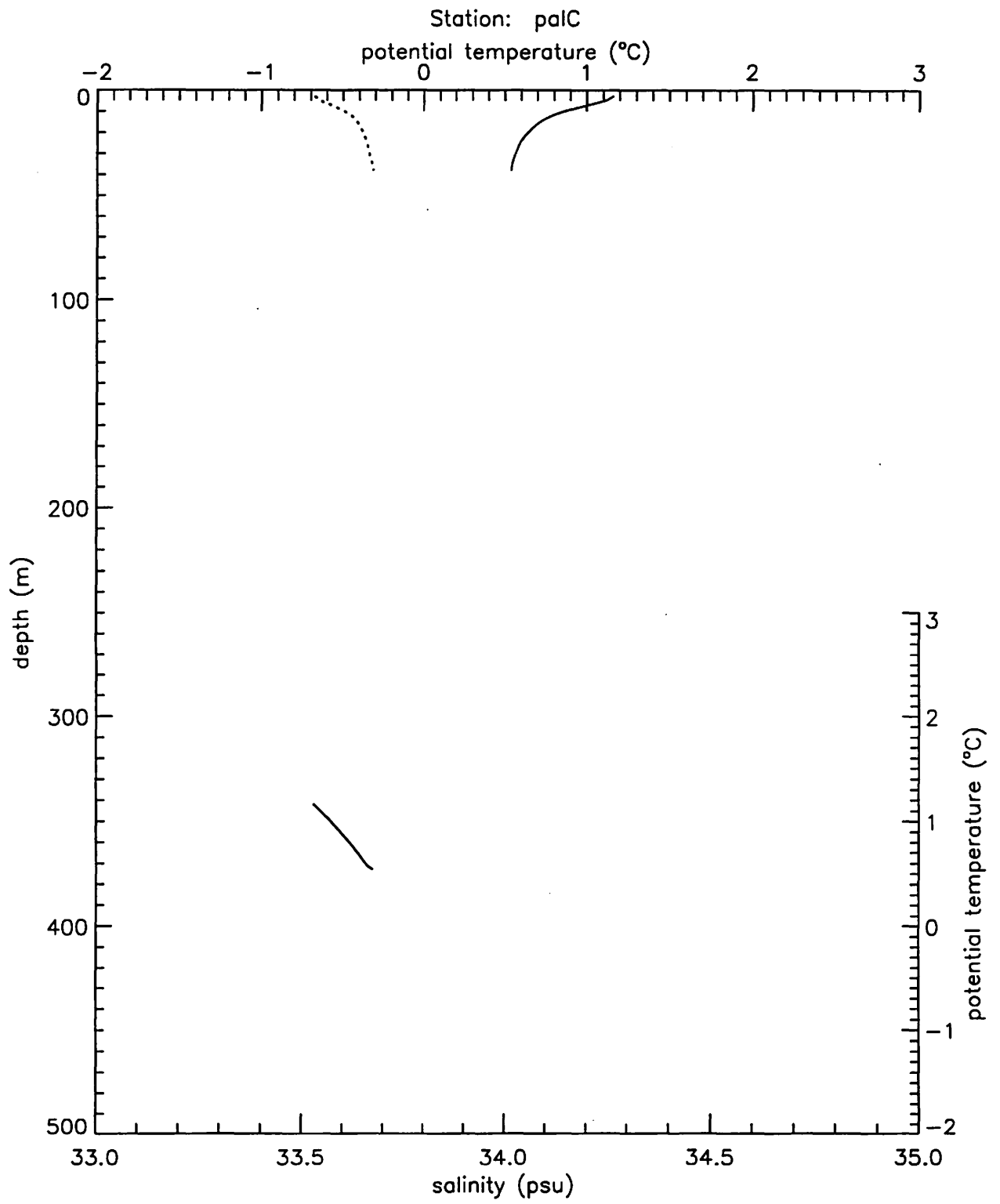
LTER 93a Station: palB (2) JulianDay: 8 GMT: 1039
Latitude: 64° 46.77' S Longitude: 64° 4.41' W Depth: 74 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.963	0.962	33.507	26.847	0.0024	1.58e-04
10	0.726	0.726	33.610	26.944	0.0081	1.39e-04
20	0.638	0.637	33.682	27.008	0.0187	2.54e-05
30	0.473	0.472	33.697	27.029	0.0290	3.04e-05
40	0.228	0.227	33.750	27.085	0.0390	6.97e-05
50	-0.033	-0.034	33.799	27.139	0.0484	2.74e-05
60	-0.067	-0.069	33.827	27.163	0.0574	2.75e-05
70	-0.129	-0.132	33.858	27.191	0.0662	1.64e-05



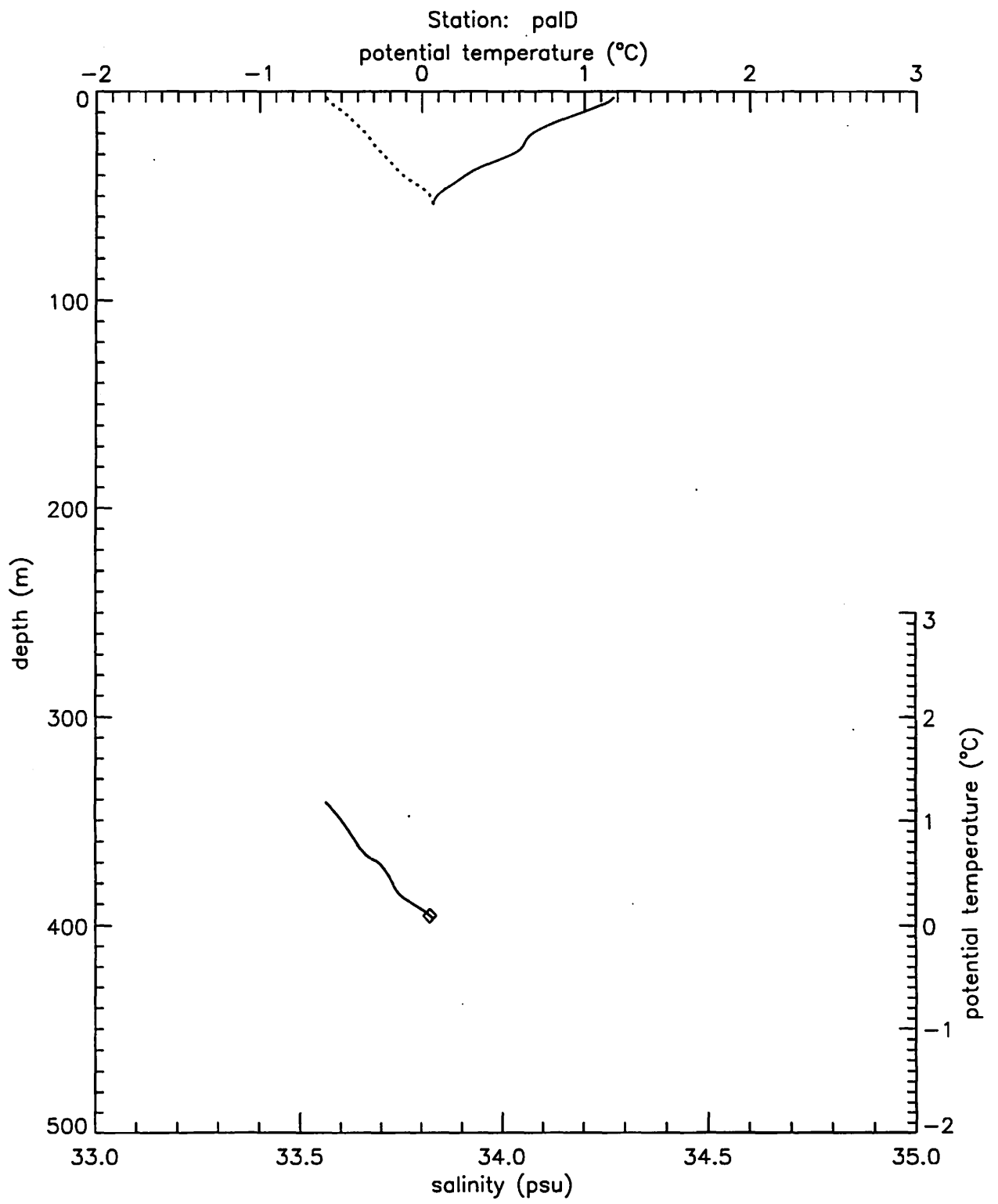
LTER 93a	Station:	paC (3)	JulianDay:	8	GMT:	1214
	Latitude:	64° 47.29' S	Longitude:	64° 4.42' W	Depth:	45 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N²
5	1.115	1.115	33.542	26.866	0.0024	8.41e-05
10	0.871	0.870	33.602	26.930	0.0081	9.49e-05
20	0.644	0.643	33.649	26.981	0.0189	2.66e-05
30	0.567	0.566	33.665	26.998	0.0295	1.26e-05



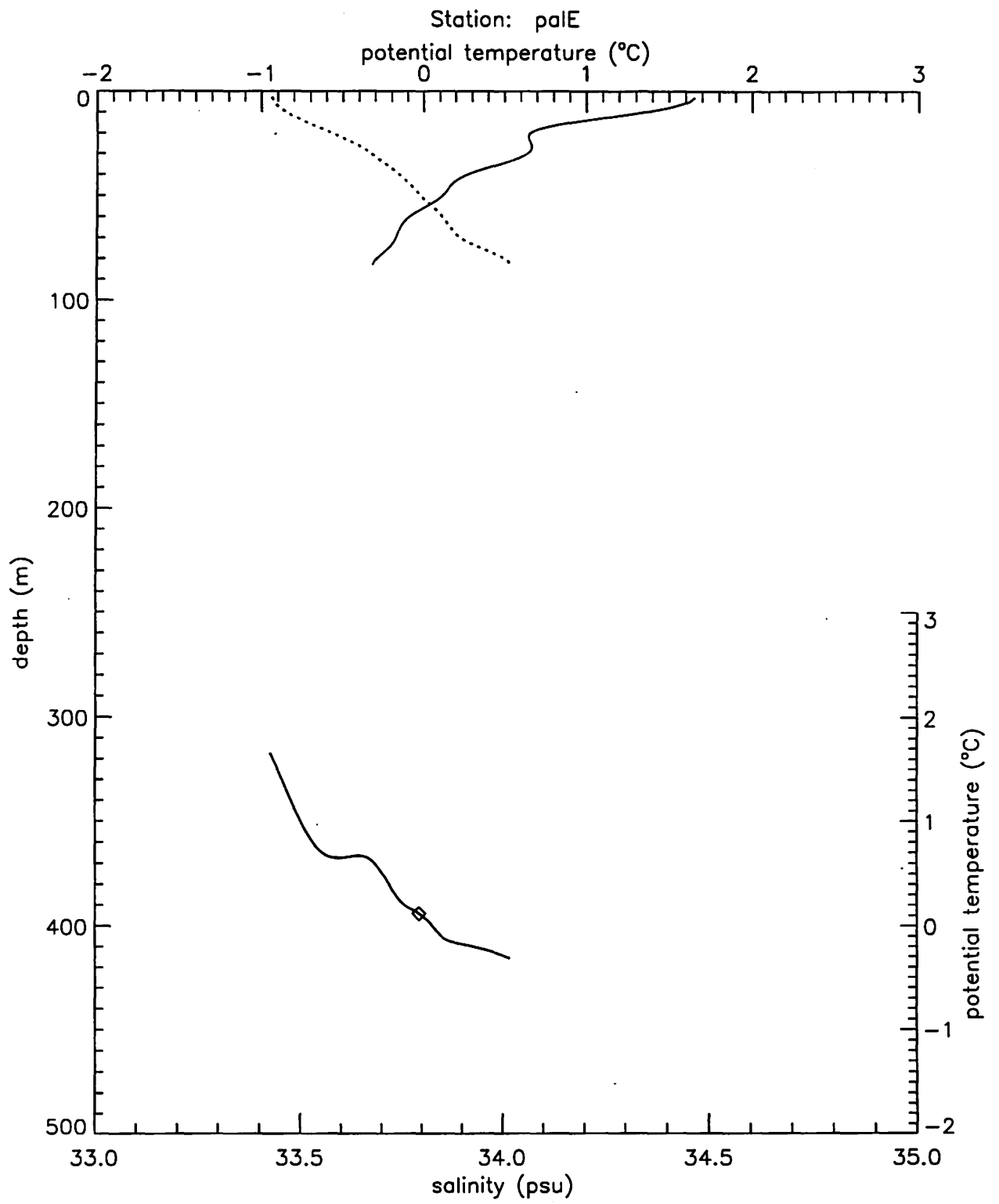
LTER 93a	Station: palD (4)	JulianDay: 8	GMT: 1335
	Latitude: 64° 48.34' S	Longitude: 64° 3.02' W	Depth: 61 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.146	1.146	33.570	26.886	0.0023	4.78e-05
10	0.988	0.988	33.604	26.924	0.0080	6.95e-05
20	0.685	0.685	33.660	26.987	0.0189	4.64e-05
30	0.562	0.561	33.703	27.029	0.0293	5.08e-05
40	0.272	0.270	33.753	27.086	0.0392	6.08e-05
50	0.094	0.093	33.821	27.150	0.0486	1.90e-05



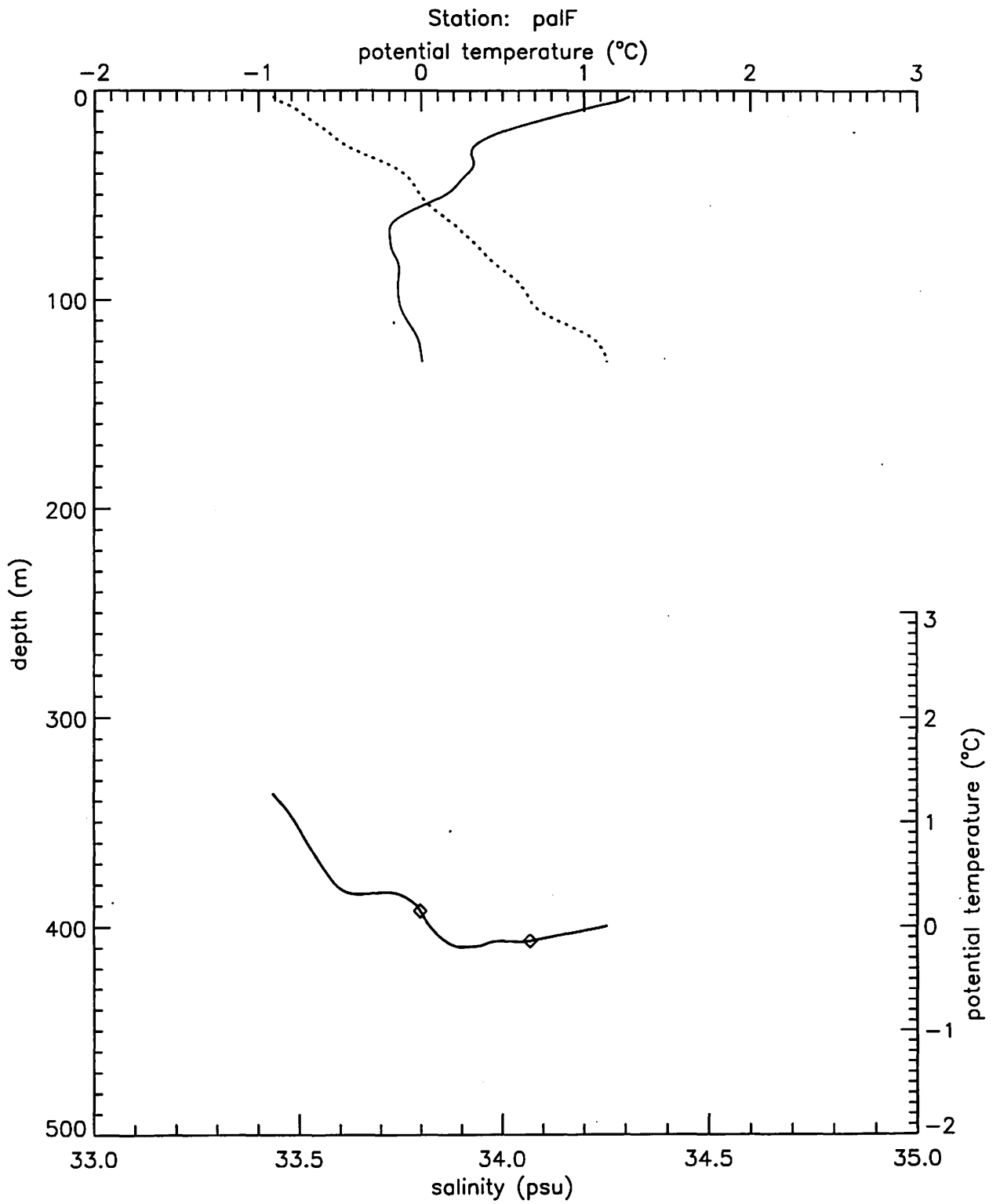
LTER 93a	Station: palE (5)	JulianDay: 8	GMT: 1511
	Latitude: 64° 48.83' S	Longitude: 64° 2.38' W	Depth: 111 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.622	1.622	33.430	26.742	0.0026	3.55e-05
10	1.357	1.357	33.460	26.784	0.0090	1.10e-04
20	0.658	0.658	33.572	26.918	0.0208	1.03e-04
30	0.639	0.638	33.670	26.998	0.0317	7.18e-05
40	0.270	0.268	33.740	27.075	0.0418	6.34e-05
50	0.119	0.117	33.793	27.126	0.0513	4.96e-05
60	-0.086	-0.088	33.846	27.179	0.0603	4.31e-05
70	-0.168	-0.170	33.893	27.221	0.0689	6.34e-05
80	-0.286	-0.289	34.002	27.314	0.0768	5.35e-05



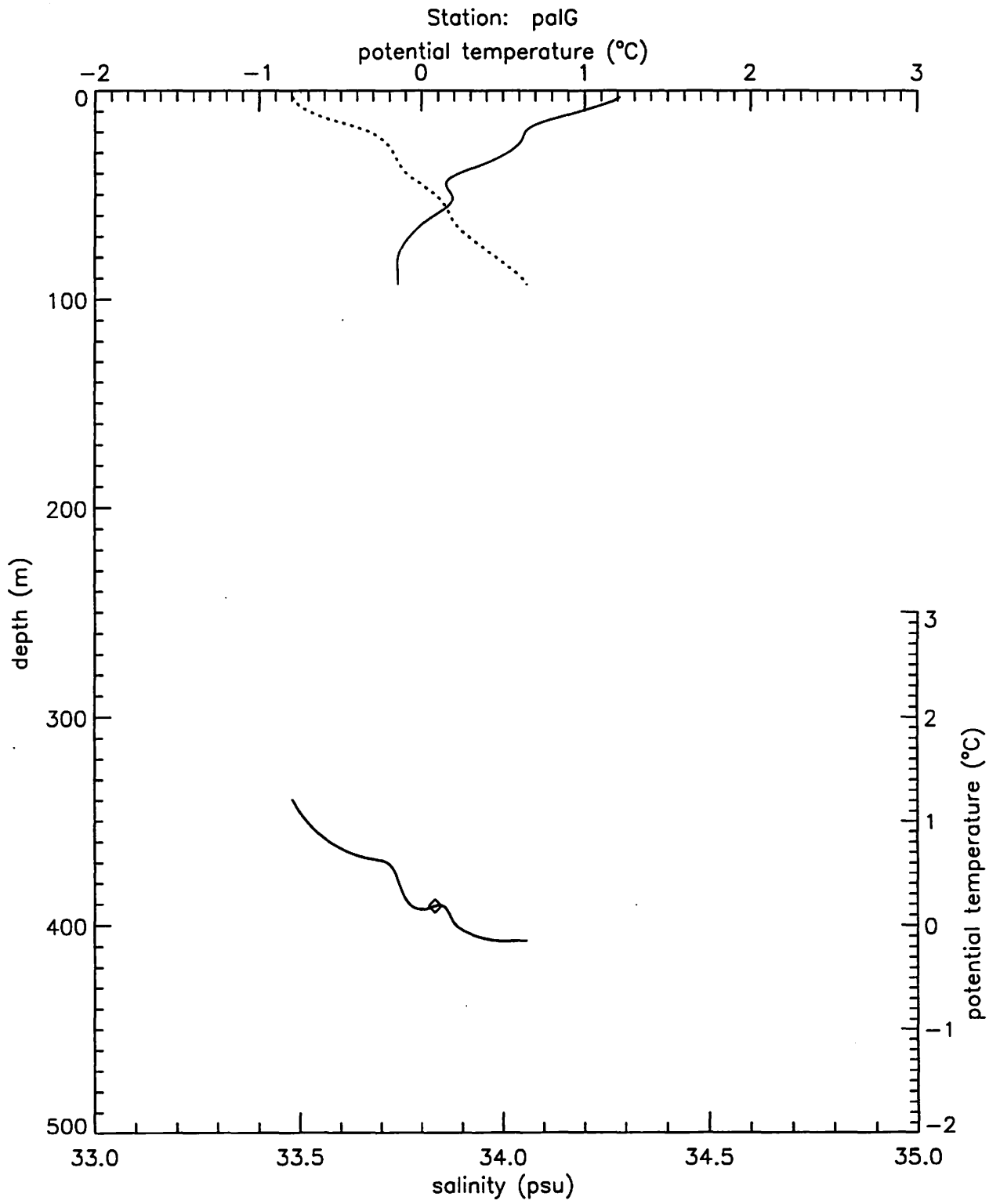
LTER 93a	Station: palF (6)	JulianDay: 8	GMT: 1650
	Latitude: 64° 48.47' S	Longitude: 64° 4.42' W	Depth: 128 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.211	1.211	33.449	26.785	0.0025	9.19e-05
10	0.941	0.941	33.498	26.841	0.0086	9.51e-05
20	0.495	0.495	33.570	26.925	0.0202	7.29e-05
30	0.310	0.309	33.651	27.001	0.0311	8.85e-05
40	0.287	0.285	33.758	27.089	0.0411	5.73e-05
50	0.151	0.150	33.797	27.128	0.0505	4.12e-05
60	-0.118	-0.120	33.854	27.187	0.0595	6.29e-05
70	-0.191	-0.193	33.916	27.240	0.0679	4.19e-05
80	-0.154	-0.156	33.966	27.279	0.0759	3.95e-05
90	-0.138	-0.141	34.030	27.331	0.0835	4.53e-05
100	-0.133	-0.137	34.069	27.362	0.0907	2.76e-05
110	-0.082	-0.086	34.136	27.413	0.0975	7.46e-05
120	-0.012	-0.016	34.230	27.486	0.1037	4.12e-05
130	0.011	0.006	34.256	27.505	0.1094	7.28e-06



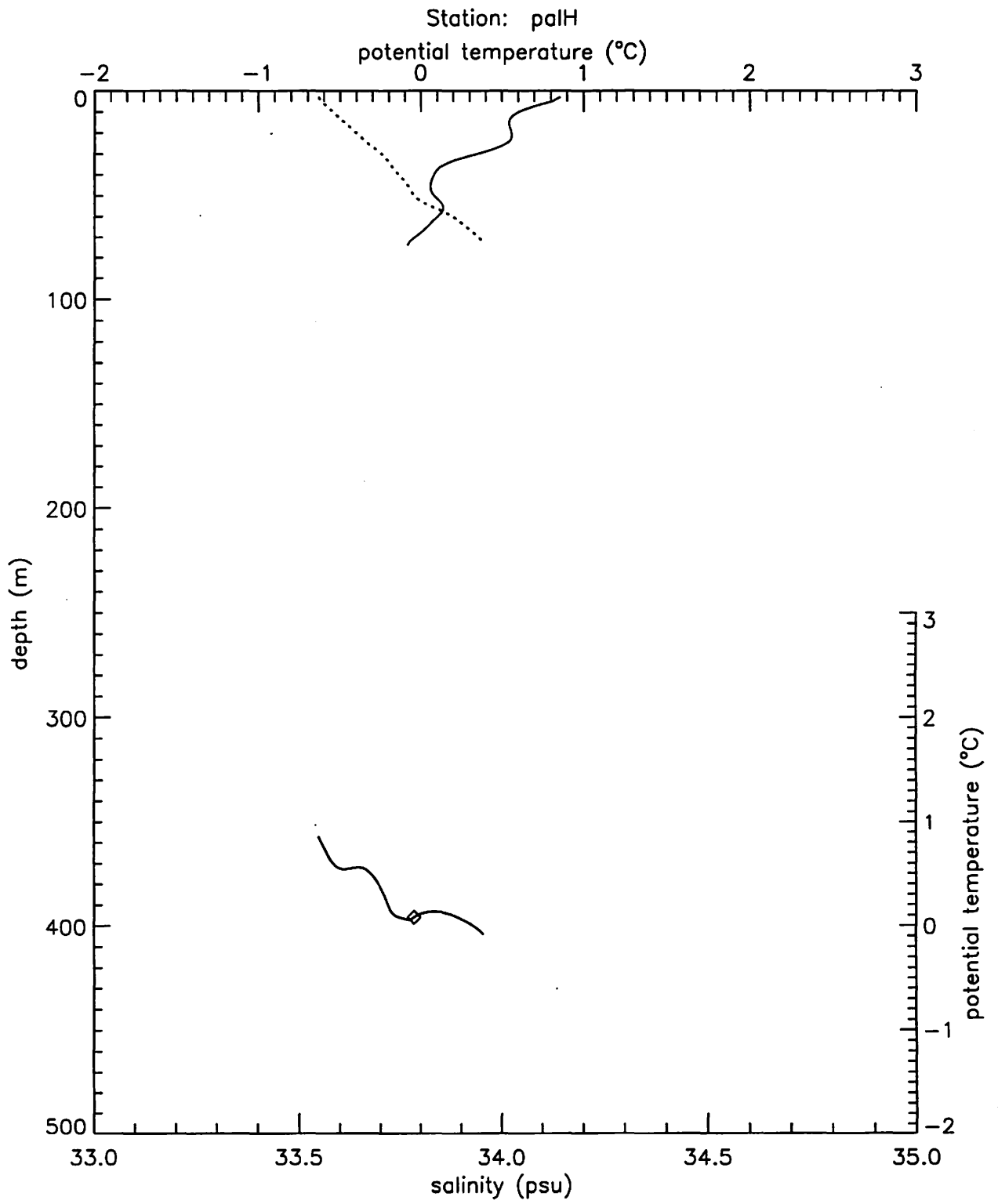
LTER 93a	Station:	palG (7)	JulianDay:	8	GMT:	1827
	Latitude:	64° 48.02' S	Longitude:	64° 6.03' W	Depth:	84 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.175	1.175	33.487	26.818	0.0024	4.37e-05
10	0.976	0.975	33.522	26.858	0.0085	1.08e-04
20	0.639	0.638	33.671	26.999	0.0196	9.81e-05
30	0.531	0.530	33.730	27.053	0.0298	3.79e-05
40	0.235	0.233	33.763	27.095	0.0396	5.52e-05
50	0.186	0.184	33.833	27.155	0.0489	4.46e-05
60	0.083	0.081	33.871	27.191	0.0577	3.25e-05
70	-0.068	-0.071	33.914	27.233	0.0662	5.37e-05
80	-0.142	-0.145	33.984	27.293	0.0741	5.51e-05
90	-0.142	-0.145	34.048	27.345	0.0816	3.11e-05



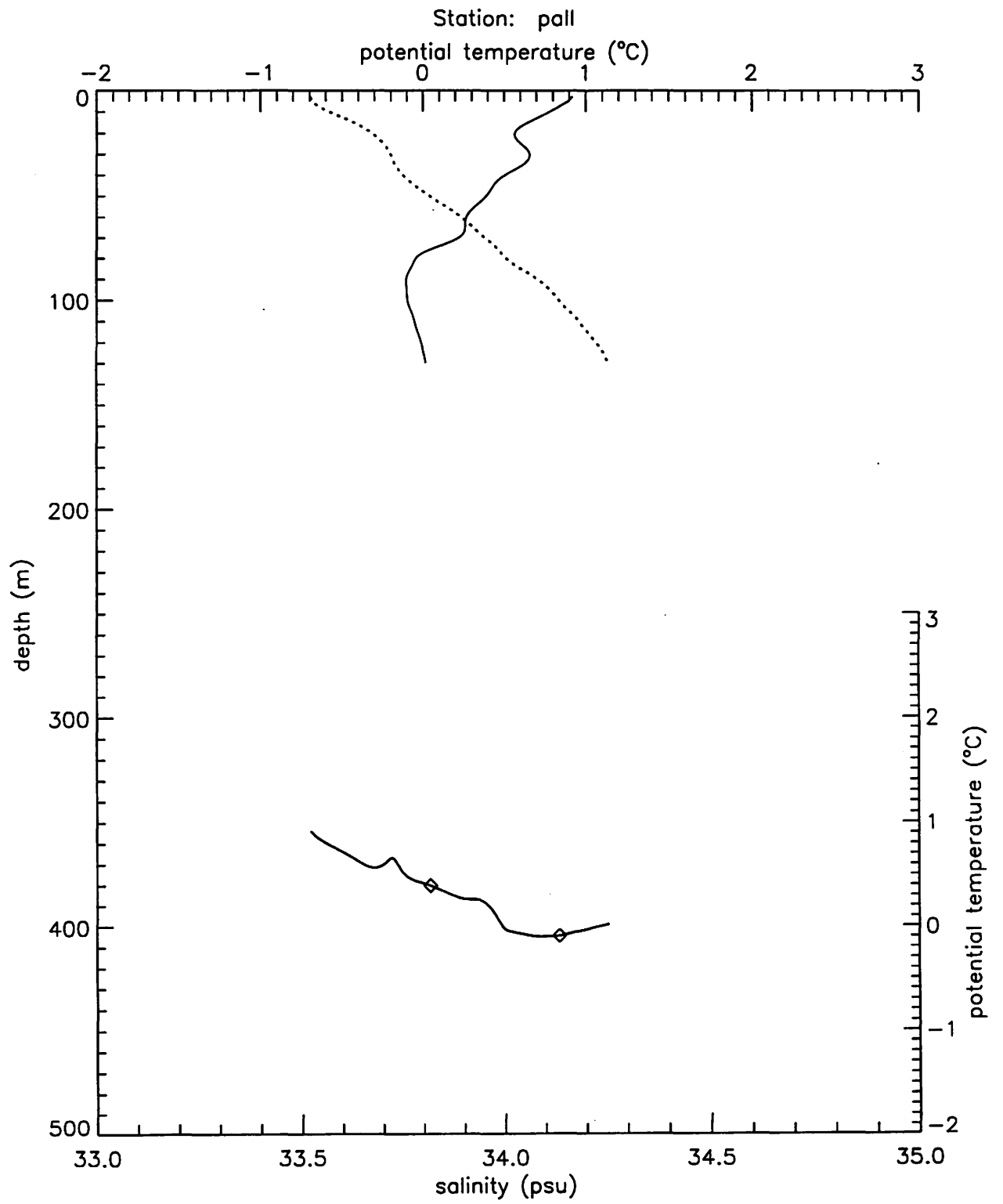
LTER 93a	Station: palH (8)	JulianDay: 8	GMT: 1944
	Latitude: 64° 47.42' S	Longitude: 64° 7.65' W	Depth: 74 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.807	0.807	33.553	26.894	0.0023	5.02e-05
10	0.605	0.605	33.582	26.929	0.0080	5.92e-05
20	0.560	0.560	33.639	26.977	0.0189	4.59e-05
30	0.350	0.349	33.702	27.040	0.0293	6.35e-05
40	0.083	0.082	33.745	27.089	0.0391	3.73e-05
50	0.083	0.081	33.783	27.120	0.0486	4.02e-05
60	0.106	0.104	33.877	27.194	0.0576	7.32e-05
70	-0.032	-0.035	33.942	27.254	0.0660	3.62e-05



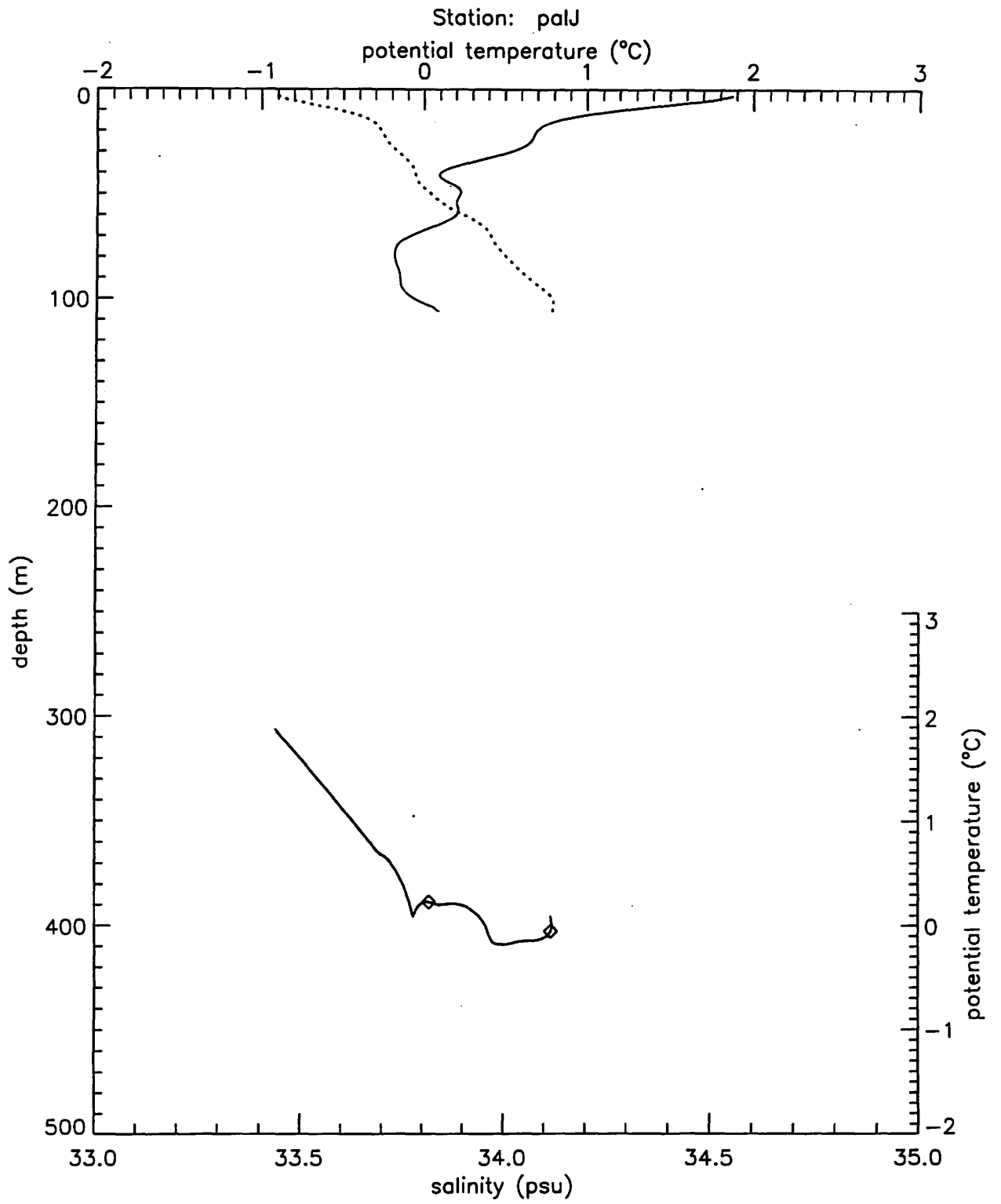
LTER 93a	Station: paII (9)	JulianDay: 8	GMT: 2125
	Latitude: 64° 46.53' S	Longitude: 64° 7.96' W	Depth: 125 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.896	0.896	33.527	26.867	0.0024	3.45e-05
10	0.782	0.782	33.568	26.907	0.0081	9.24e-05
20	0.567	0.566	33.672	27.004	0.0190	6.01e-05
30	0.658	0.657	33.719	27.036	0.0292	2.14e-05
40	0.512	0.510	33.750	27.070	0.0392	4.84e-05
50	0.394	0.392	33.816	27.129	0.0488	6.51e-05
60	0.272	0.270	33.893	27.198	0.0577	5.53e-05
70	0.228	0.226	33.951	27.248	0.0661	5.47e-05
80	-0.038	-0.041	34.004	27.304	0.0739	5.28e-05
90	-0.100	-0.103	34.081	27.369	0.0812	5.79e-05
100	-0.093	-0.096	34.134	27.412	0.0879	3.38e-05
110	-0.049	-0.053	34.182	27.449	0.0943	3.37e-05
120	-0.008	-0.013	34.223	27.480	0.1004	2.89e-05
130	0.022	0.017	34.254	27.503	0.1062	7.28e-06



LTER 93a	Station: palJ (10)	JulianDay: 8	GMT: 2300
	Latitude: 64° 45.98' S	Longitude: 64° 7.93' W	Depth: 118 m

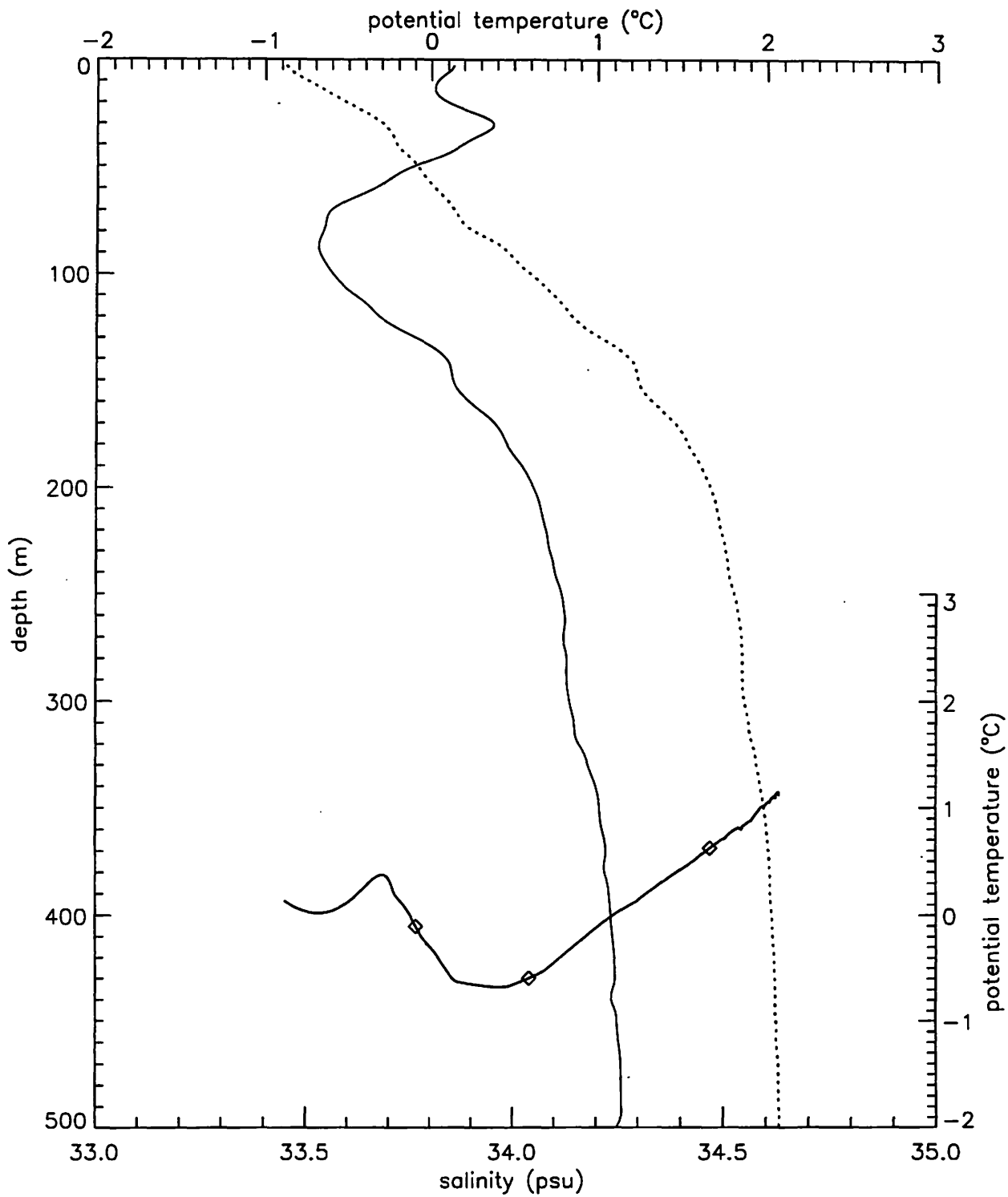
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.761	1.760	33.464	26.759	0.0026	1.85e-04
10	1.196	1.195	33.587	26.897	0.0086	2.18e-04
20	0.695	0.694	33.695	27.015	0.0193	4.19e-05
30	0.535	0.534	33.735	27.056	0.0295	6.31e-05
40	0.100	0.099	33.778	27.114	0.0391	2.48e-05
50	0.228	0.226	33.818	27.141	0.0485	4.70e-05
60	0.201	0.198	33.900	27.208	0.0573	8.06e-05
70	-0.085	-0.087	33.966	27.276	0.0654	3.94e-05
80	-0.177	-0.180	34.005	27.312	0.0731	3.76e-05
90	-0.144	-0.147	34.059	27.354	0.0804	4.74e-05
100	-0.052	-0.056	34.118	27.397	0.0873	8.85e-06



LTER 93a Station: 600.040 (20) JulianDay: 9 GMT: 0911
 Latitude: 64° 55.96' S Longitude: 64° 23.92' W Depth: 1466 m

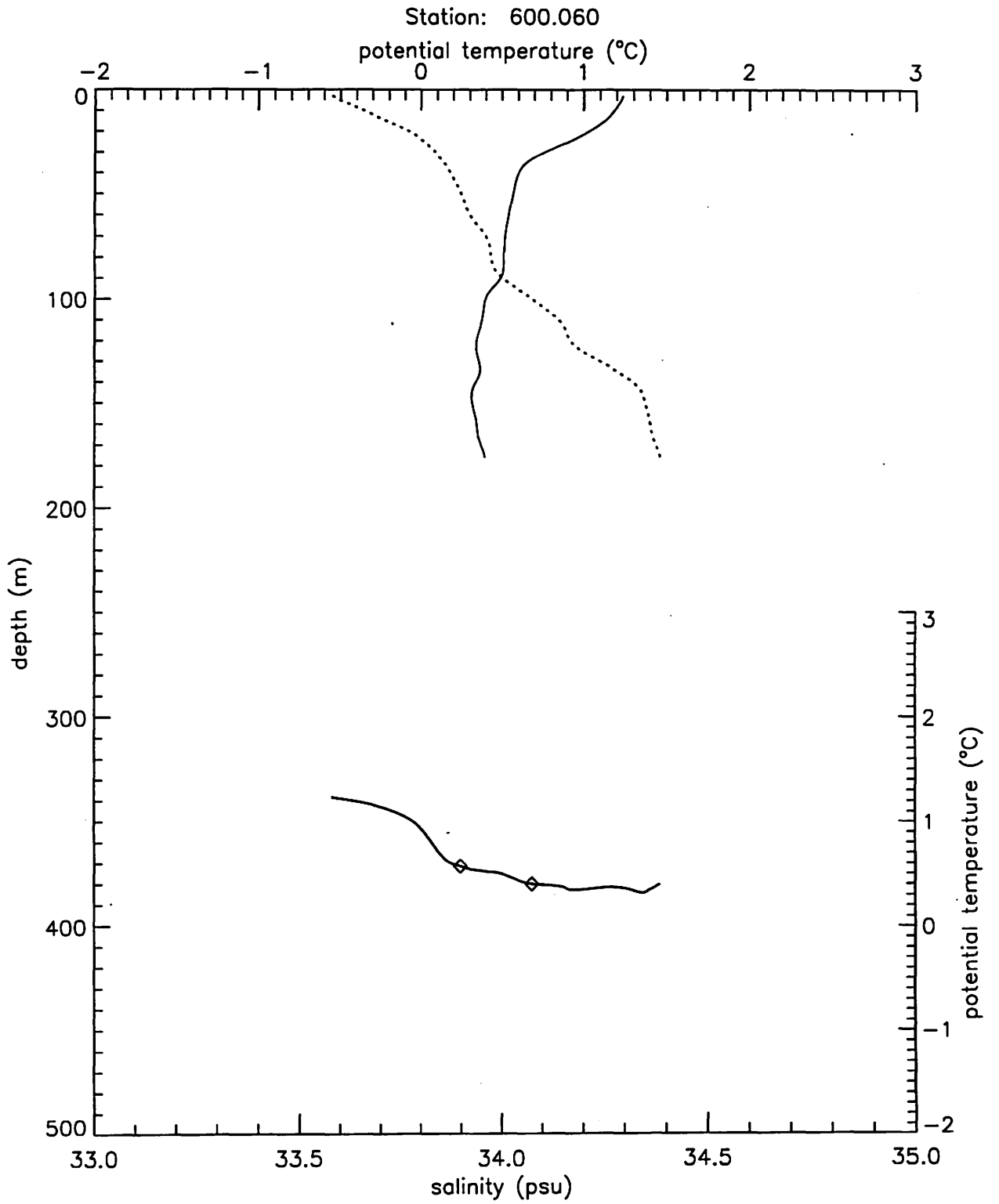
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.117	0.117	33.458	26.855	0.0024	4.17e-05
10	0.039	0.039	33.500	26.893	0.0082	7.37e-05
20	0.100	0.099	33.594	26.966	0.0193	6.21e-05
30	0.377	0.376	33.682	27.022	0.0299	4.62e-05
40	0.189	0.187	33.717	27.061	0.0399	4.10e-05
50	-0.104	-0.105	33.767	27.116	0.0496	4.96e-05
60	-0.336	-0.338	33.810	27.162	0.0587	4.86e-05
70	-0.597	-0.599	33.857	27.211	0.0674	3.68e-05
80	-0.647	-0.649	33.905	27.252	0.0757	6.34e-05
90	-0.667	-0.670	33.989	27.321	0.0834	4.50e-05
100	-0.591	-0.594	34.041	27.360	0.0906	4.08e-05
110	-0.456	-0.460	34.098	27.400	0.0974	3.16e-05
120	-0.312	-0.316	34.141	27.428	0.1040	3.10e-05
130	-0.090	-0.095	34.209	27.472	0.1102	4.83e-05
140	0.099	0.094	34.280	27.520	0.1159	2.93e-05
150	0.142	0.136	34.299	27.533	0.1214	9.58e-06
160	0.244	0.237	34.333	27.555	0.1267	3.11e-05
180	0.474	0.467	34.418	27.610	0.1366	1.72e-05
200	0.635	0.626	34.470	27.643	0.1457	1.18e-05
220	0.712	0.703	34.496	27.659	0.1543	7.47e-06
240	0.766	0.755	34.513	27.670	0.1627	4.80e-06
260	0.826	0.815	34.536	27.685	0.1709	5.71e-06
280	0.838	0.826	34.545	27.691	0.1789	-4.86e-07
300	0.857	0.843	34.550	27.694	0.1869	4.68e-06
320	0.913	0.898	34.569	27.706	0.1947	5.23e-06
340	1.016	1.000	34.588	27.714	0.2023	3.40e-06
360	1.055	1.038	34.602	27.723	0.2098	1.15e-06
380	1.070	1.052	34.610	27.728	0.2172	1.09e-06
400	1.109	1.090	34.614	27.729	0.2246	1.52e-06
420	1.132	1.112	34.620	27.733	0.2319	8.51e-07
440	1.117	1.095	34.623	27.736	0.2392	-1.22e-06
460	1.159	1.136	34.626	27.735	0.2465	4.26e-07
480	1.173	1.150	34.630	27.738	0.2537	7.30e-07
500	1.150	1.125	34.631	27.740	0.2610	3.04e-06

Station: 600.040



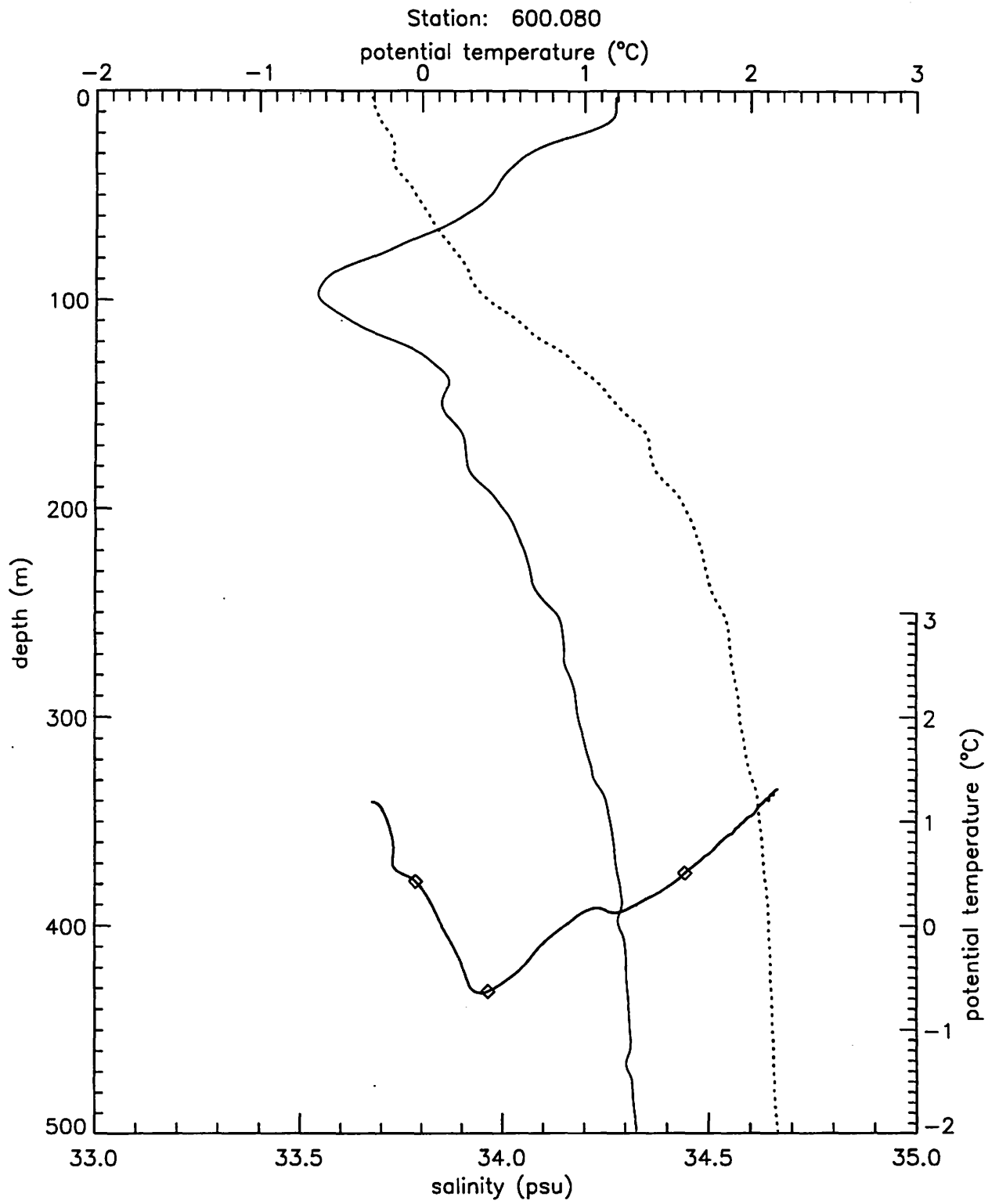
LTER 93a	Station: 600.060 (23)	JulianDay: 9	GMT: 1319
	Latitude: 64° 48.89' S	Longitude: 64° 42.98' W	Depth: 277 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.227	1.226	33.595	26.901	0.0023	7.82e-05
10	1.185	1.184	33.658	26.954	0.0079	9.77e-05
20	1.035	1.034	33.768	27.053	0.0183	8.62e-05
30	0.766	0.765	33.834	27.122	0.0279	5.40e-05
40	0.606	0.604	33.873	27.163	0.0370	2.72e-05
50	0.572	0.570	33.899	27.186	0.0459	1.87e-05
60	0.546	0.543	33.922	27.206	0.0545	2.56e-05
70	0.524	0.521	33.960	27.239	0.0629	2.51e-05
80	0.517	0.513	33.975	27.251	0.0710	7.87e-06
90	0.498	0.495	34.003	27.274	0.0790	4.92e-05
100	0.404	0.400	34.076	27.339	0.0866	5.79e-05
110	0.383	0.379	34.141	27.392	0.0936	3.87e-05
120	0.350	0.346	34.168	27.416	0.1002	3.11e-05
130	0.366	0.361	34.241	27.474	0.1065	6.47e-05
140	0.346	0.341	34.319	27.538	0.1122	4.95e-05
150	0.325	0.319	34.351	27.565	0.1174	1.06e-05
160	0.353	0.346	34.362	27.573	0.1225	5.82e-06



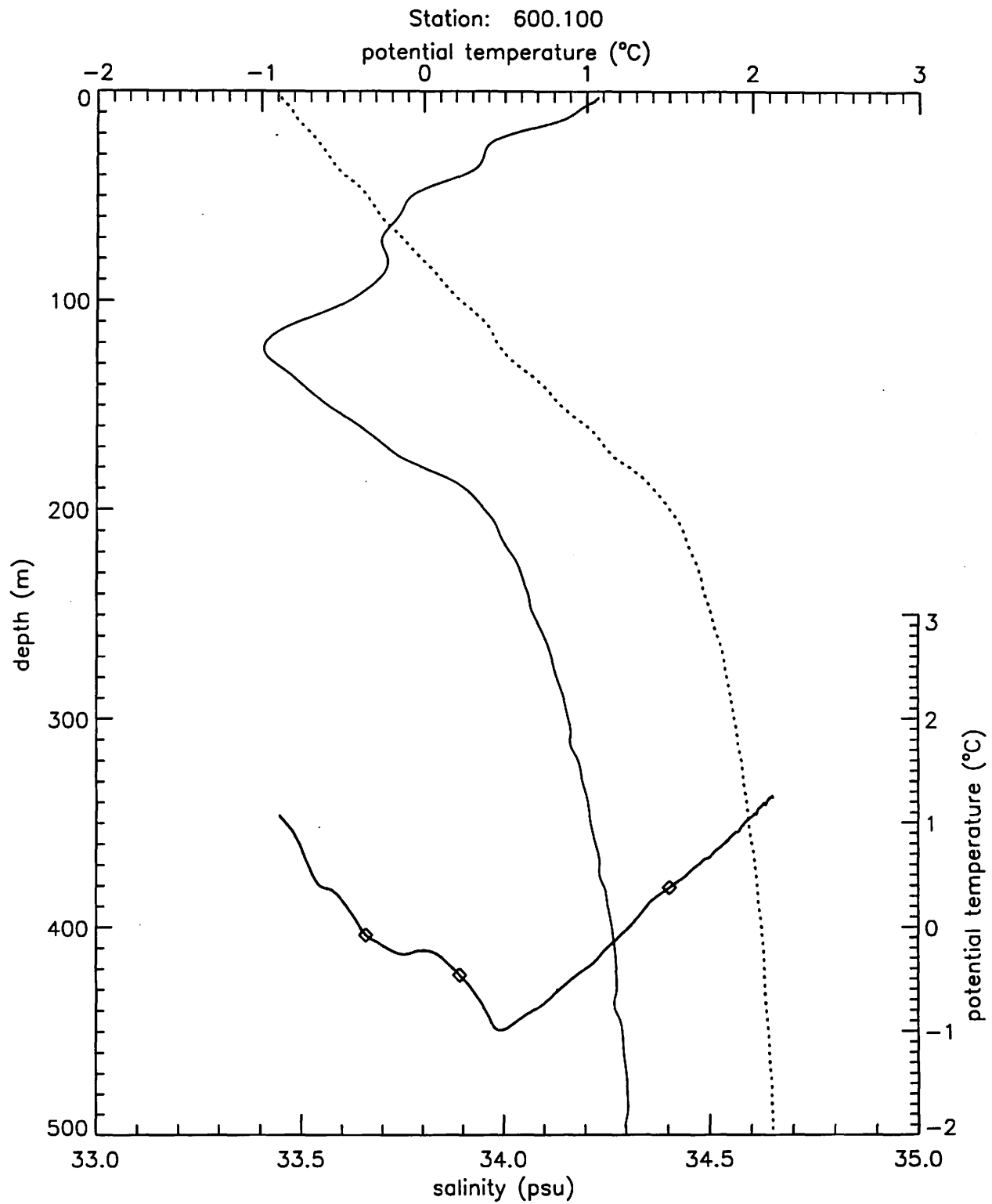
LTER 93a Station: 600.080 (30) JulianDay: 9 GMT: 1834
Latitude: 64° 41.74' S Longitude: 65° 1.73' W Depth: 522 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.188	1.188	33.677	26.970	0.0022	7.66e-06
10	1.186	1.186	33.686	26.977	0.0075	2.00e-05
20	0.989	0.988	33.717	27.015	0.0181	4.49e-05
30	0.656	0.655	33.729	27.045	0.0282	1.22e-05
40	0.512	0.511	33.746	27.066	0.0382	3.70e-05
50	0.428	0.426	33.785	27.103	0.0479	3.18e-05
60	0.256	0.254	33.818	27.139	0.0572	3.56e-05
70	-0.018	-0.020	33.853	27.181	0.0662	4.81e-05
80	-0.330	-0.332	33.896	27.231	0.0747	4.42e-05
90	-0.593	-0.596	33.922	27.264	0.0828	2.61e-05
100	-0.625	-0.628	33.965	27.300	0.0906	4.58e-05
110	-0.439	-0.442	34.036	27.351	0.0979	4.02e-05
120	-0.156	-0.160	34.103	27.390	0.1049	4.70e-05
130	0.069	0.065	34.175	27.437	0.1114	3.50e-05
140	0.174	0.169	34.234	27.479	0.1175	4.10e-05
150	0.129	0.123	34.278	27.517	0.1233	3.50e-05
160	0.220	0.214	34.333	27.556	0.1287	3.27e-05
180	0.294	0.287	34.368	27.580	0.1388	1.57e-05
200	0.514	0.506	34.444	27.629	0.1483	1.41e-05
220	0.644	0.634	34.484	27.653	0.1571	7.83e-06
240	0.724	0.714	34.509	27.669	0.1656	9.17e-06
260	0.882	0.871	34.549	27.691	0.1737	3.52e-06
280	0.924	0.911	34.562	27.699	0.1816	3.40e-06
300	0.979	0.965	34.576	27.707	0.1894	2.19e-06
320	1.046	1.031	34.592	27.716	0.1970	5.23e-06
340	1.149	1.133	34.618	27.730	0.2044	2.43e-06
360	1.197	1.179	34.629	27.735	0.2117	2.80e-06
380	1.236	1.217	34.638	27.739	0.2189	2.92e-06
400	1.230	1.210	34.645	27.746	0.2260	-4.26e-07
420	1.277	1.256	34.649	27.746	0.2331	4.26e-07
440	1.294	1.272	34.653	27.748	0.2402	1.83e-07
460	1.302	1.279	34.656	27.750	0.2473	2.80e-06
480	1.318	1.294	34.658	27.751	0.2543	3.04e-07



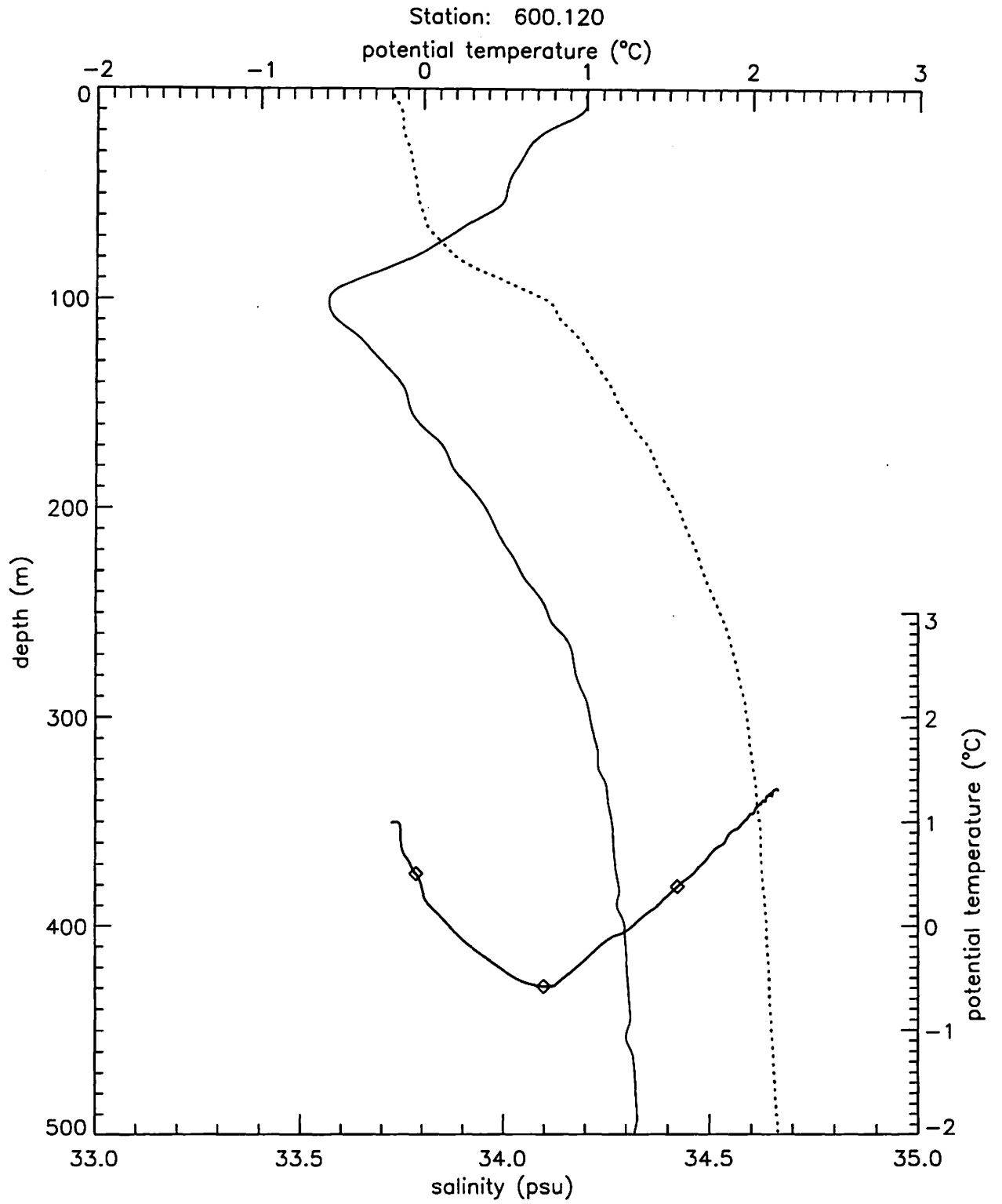
LTER 93a Station: 600.100 (38) JulianDay: 10 GMT: 0050
 Latitude: 64° 34.57' S Longitude: 65° 20.43' W Depth: 611 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.040	1.040	33.454	26.799	0.0025	4.56e-05
10	0.932	0.932	33.477	26.825	0.0086	4.72e-05
20	0.545	0.544	33.523	26.885	0.0205	5.82e-05
30	0.371	0.370	33.562	26.926	0.0318	3.12e-05
40	0.237	0.236	33.604	26.967	0.0429	5.92e-05
50	-0.075	-0.076	33.659	27.027	0.0533	3.95e-05
60	-0.156	-0.158	33.693	27.059	0.0634	3.72e-05
70	-0.257	-0.259	33.745	27.105	0.0731	4.05e-05
80	-0.224	-0.227	33.792	27.142	0.0824	3.89e-05
90	-0.278	-0.280	33.842	27.185	0.0913	4.07e-05
100	-0.456	-0.459	33.892	27.233	0.0997	5.68e-05
110	-0.764	-0.767	33.951	27.295	0.1077	4.85e-05
120	-0.970	-0.973	33.981	27.327	0.1151	2.85e-05
130	-0.906	-0.910	34.029	27.363	0.1223	4.13e-05
140	-0.744	-0.748	34.093	27.409	0.1291	3.55e-05
150	-0.587	-0.591	34.139	27.439	0.1355	3.17e-05
160	-0.390	-0.395	34.202	27.482	0.1416	3.85e-05
180	0.006	-0.001	34.306	27.546	0.1528	3.82e-05
200	0.388	0.380	34.403	27.604	0.1628	2.29e-05
220	0.548	0.539	34.455	27.636	0.1720	1.18e-05
240	0.660	0.650	34.487	27.655	0.1807	9.29e-06
260	0.757	0.746	34.518	27.674	0.1892	9.47e-06
280	0.837	0.824	34.541	27.688	0.1973	4.31e-06
300	0.910	0.897	34.559	27.698	0.2052	5.10e-06
320	0.971	0.957	34.576	27.707	0.2130	2.73e-06
340	1.032	1.016	34.589	27.714	0.2206	3.10e-06
360	1.079	1.062	34.601	27.721	0.2282	4.62e-06
380	1.128	1.110	34.614	27.728	0.2356	5.47e-07
400	1.180	1.160	34.624	27.732	0.2429	2.31e-06
420	1.207	1.187	34.630	27.736	0.2502	1.09e-06
440	1.206	1.184	34.636	27.740	0.2574	2.43e-07
460	1.257	1.234	34.643	27.742	0.2646	1.46e-06
480	1.280	1.256	34.648	27.745	0.2718	1.10e-06



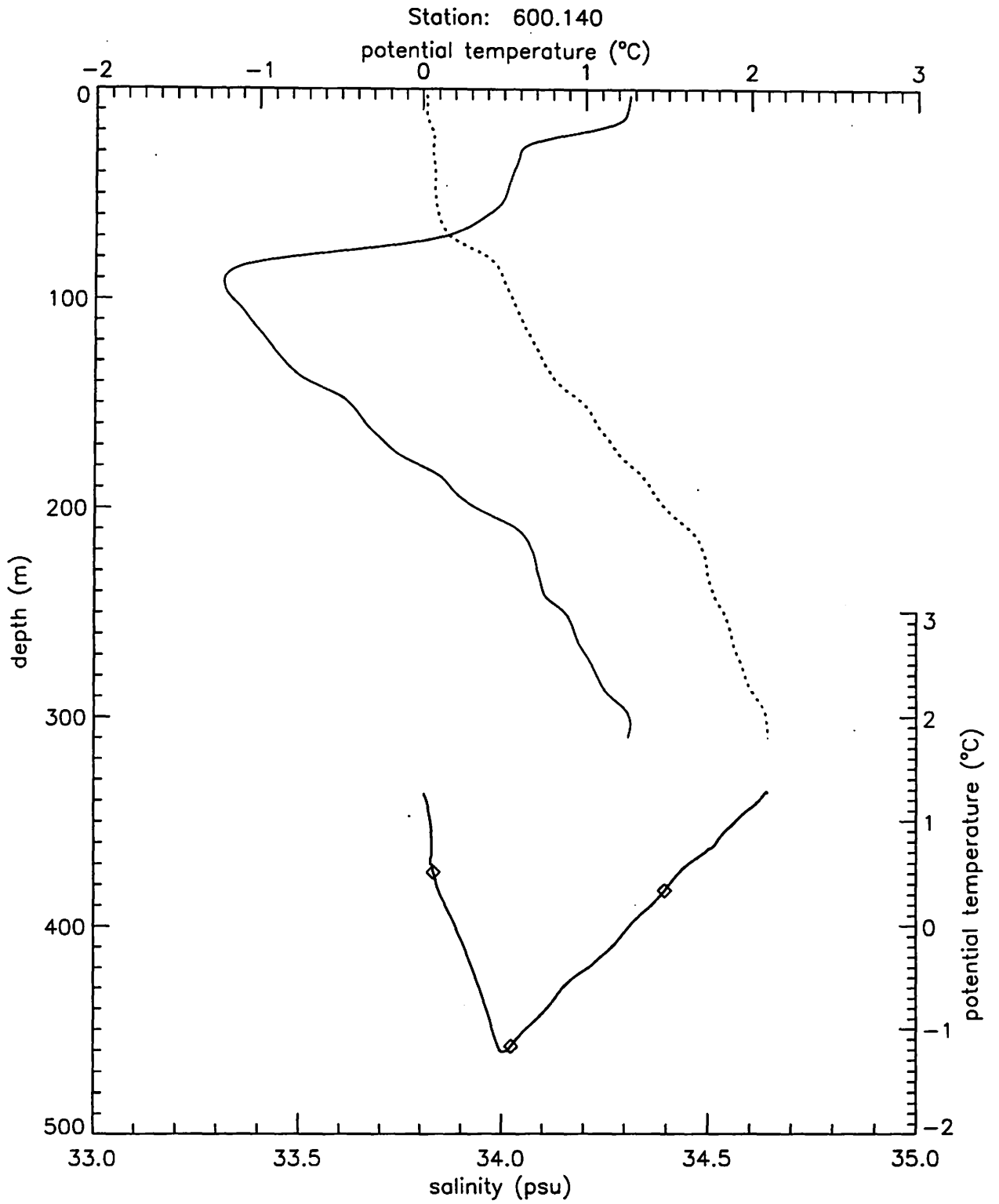
LTER 93a Station: 600.120 (51) JulianDay: 10 GMT: 0847
Latitude: 64° 27.30' S Longitude: 65° 38.76' W Depth: 531 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.996	0.996	33.728	27.023	0.0021	1.92e-05
10	0.985	0.985	33.743	27.036	0.0072	2.14e-05
20	0.758	0.757	33.749	27.055	0.0172	2.12e-05
30	0.628	0.627	33.767	27.077	0.0271	1.54e-05
40	0.552	0.550	33.777	27.089	0.0367	1.09e-05
50	0.511	0.509	33.785	27.098	0.0463	9.38e-06
60	0.376	0.374	33.799	27.117	0.0558	2.60e-05
70	0.161	0.158	33.829	27.153	0.0650	4.64e-05
80	-0.058	-0.061	33.881	27.206	0.0738	6.86e-05
90	-0.377	-0.380	33.984	27.305	0.0819	1.05e-04
100	-0.577	-0.580	34.099	27.406	0.0889	6.76e-05
110	-0.531	-0.535	34.138	27.436	0.0954	2.38e-05
120	-0.372	-0.376	34.187	27.468	0.1015	2.39e-05
130	-0.250	-0.255	34.220	27.489	0.1075	1.96e-05
140	-0.134	-0.138	34.254	27.511	0.1132	2.01e-05
150	-0.084	-0.089	34.279	27.528	0.1187	1.81e-05
160	-0.009	-0.015	34.312	27.551	0.1240	2.07e-05
180	0.187	0.181	34.371	27.589	0.1341	1.24e-05
200	0.394	0.386	34.423	27.620	0.1436	1.21e-05
220	0.537	0.528	34.466	27.646	0.1526	1.01e-05
240	0.707	0.696	34.502	27.665	0.1612	9.53e-06
260	0.866	0.854	34.543	27.687	0.1694	4.49e-06
280	0.958	0.945	34.569	27.703	0.1774	5.95e-06
300	1.044	1.030	34.590	27.714	0.1850	3.04e-06
320	1.094	1.079	34.601	27.720	0.1926	4.92e-06
340	1.155	1.139	34.613	27.725	0.2000	1.70e-06
360	1.189	1.172	34.623	27.731	0.2074	3.04e-07
380	1.222	1.204	34.628	27.733	0.2147	2.92e-06
400	1.259	1.239	34.637	27.737	0.2219	-2.43e-07
420	1.275	1.254	34.643	27.741	0.2291	1.95e-06
440	1.293	1.271	34.646	27.743	0.2363	1.83e-06
460	1.305	1.282	34.652	27.747	0.2434	-1.03e-06
480	1.331	1.307	34.658	27.749	0.2505	1.76e-06
500	1.324	1.299	34.665	27.756	0.2575	1.22e-06



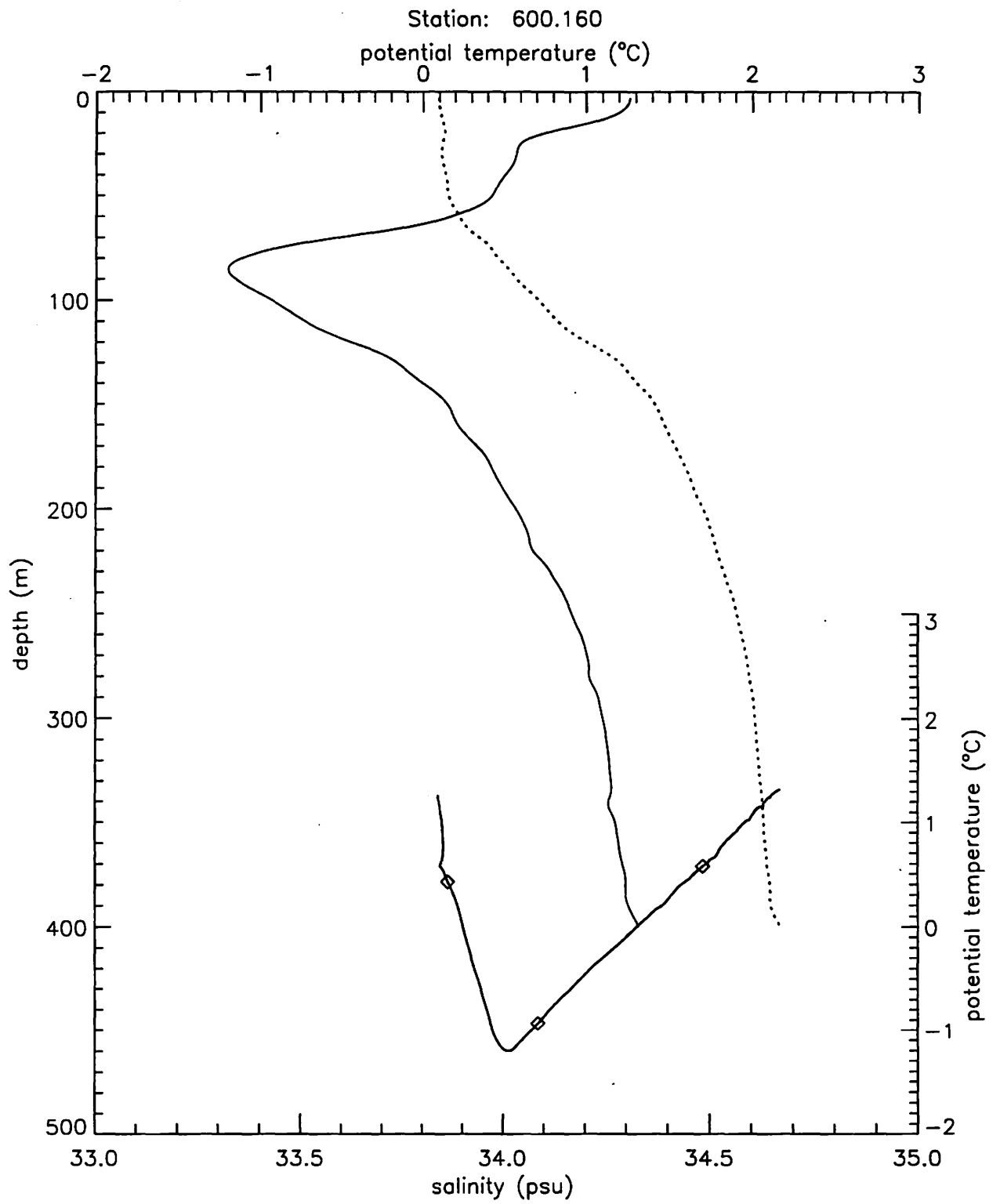
LTER 93a Station: 600.140 (55) JulianDay: 10 GMT: 1208
 Latitude: 64° 20.21' S Longitude: 65° 57.83' W Depth: 317 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.265	1.265	33.809	27.070	0.0020	1.21e-06
10	1.255	1.254	33.809	27.071	0.0069	5.99e-06
20	1.021	1.020	33.824	27.098	0.0166	4.28e-05
30	0.603	0.602	33.825	27.125	0.0260	8.17e-06
40	0.560	0.559	33.831	27.132	0.0352	4.42e-06
50	0.519	0.517	33.832	27.135	0.0444	6.30e-06
60	0.403	0.401	33.840	27.149	0.0536	2.08e-05
70	0.137	0.134	33.870	27.187	0.0625	7.88e-05
80	-0.814	-0.817	33.965	27.307	0.0706	9.50e-05
90	-1.208	-1.211	34.000	27.351	0.0779	2.07e-05
100	-1.160	-1.163	34.024	27.368	0.0849	1.48e-05
110	-1.050	-1.053	34.047	27.383	0.0918	1.48e-05
120	-0.946	-0.949	34.074	27.401	0.0985	1.70e-05
130	-0.843	-0.847	34.100	27.418	0.1051	1.69e-05
140	-0.683	-0.687	34.134	27.439	0.1114	2.68e-05
150	-0.442	-0.447	34.196	27.479	0.1176	3.45e-05
160	-0.339	-0.344	34.230	27.502	0.1233	1.92e-05
180	0.008	0.001	34.313	27.552	0.1343	2.91e-05
200	0.348	0.340	34.397	27.601	0.1443	2.21e-05
220	0.693	0.684	34.486	27.653	0.1533	1.21e-05
240	0.762	0.752	34.511	27.668	0.1618	1.08e-05
260	0.960	0.948	34.555	27.691	0.1700	6.62e-06
280	1.095	1.082	34.588	27.709	0.1778	8.81e-06
300	1.293	1.278	34.640	27.737	0.1852	5.71e-06



LTER 93a	Station: 600.160 (63)	JulianDay: 10	GMT: 1642
	Latitude: 64° 12.76' S	Longitude: 66° 15.54' W	Depth: 413 m

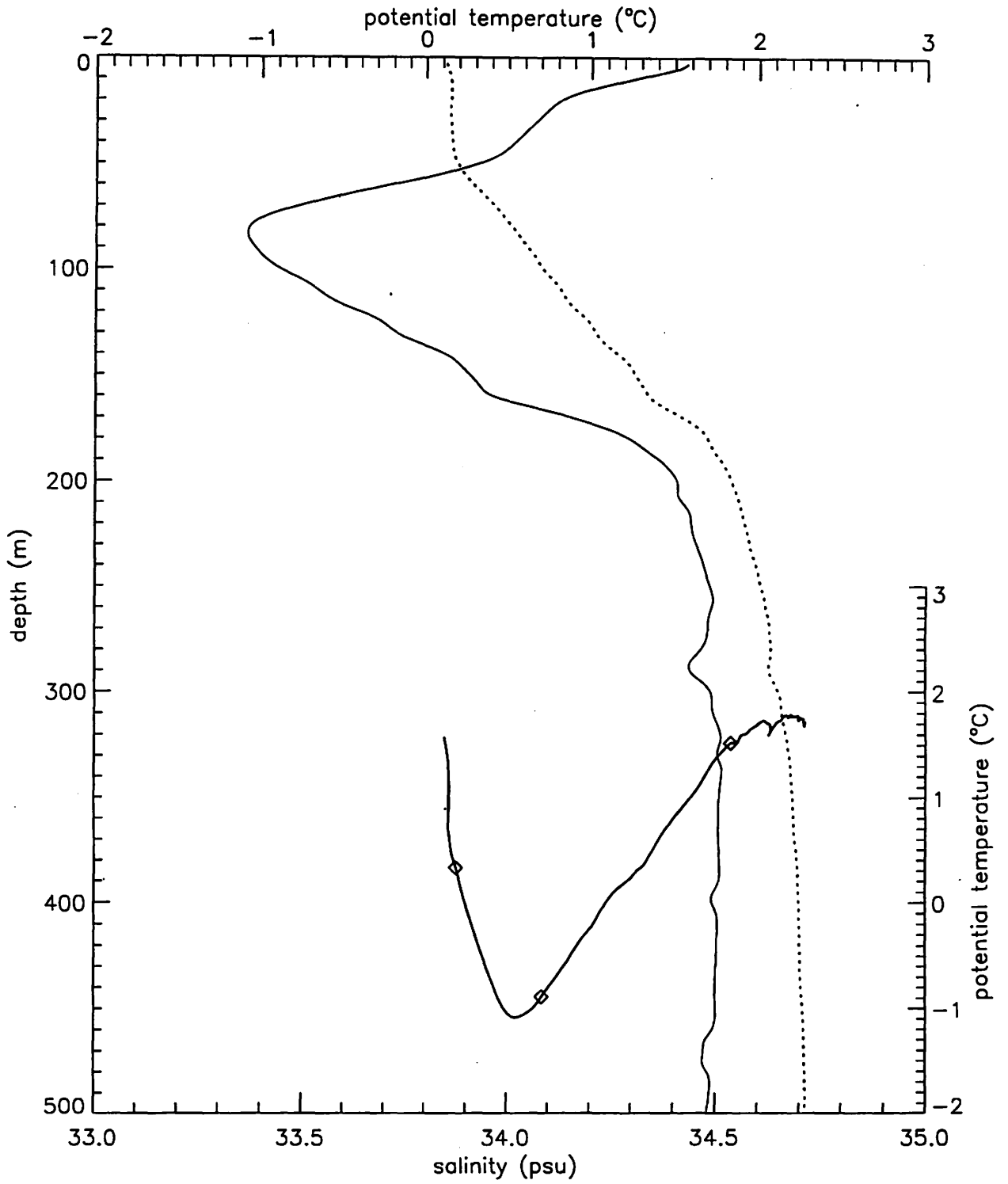
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.260	1.260	33.838	27.094	0.0019	4.64e-06
10	1.203	1.202	33.842	27.101	0.0067	2.37e-05
20	0.752	0.751	33.853	27.138	0.0161	2.36e-05
30	0.577	0.576	33.846	27.143	0.0252	5.02e-06
40	0.508	0.507	33.856	27.155	0.0343	1.29e-05
50	0.431	0.429	33.864	27.166	0.0432	1.75e-05
60	0.184	0.182	33.890	27.201	0.0520	4.75e-05
70	-0.503	-0.505	33.939	27.273	0.0602	8.28e-05
80	-1.107	-1.109	33.987	27.336	0.0678	4.57e-05
90	-1.150	-1.153	34.032	27.374	0.0748	3.11e-05
100	-0.927	-0.929	34.086	27.410	0.0815	3.04e-05
110	-0.725	-0.728	34.132	27.439	0.0879	3.33e-05
120	-0.444	-0.448	34.203	27.484	0.0940	5.14e-05
130	-0.157	-0.161	34.283	27.535	0.0996	3.27e-05
140	0.008	0.002	34.325	27.562	0.1049	2.64e-05
150	0.157	0.152	34.367	27.587	0.1099	1.78e-05
160	0.225	0.219	34.390	27.602	0.1147	1.23e-05
180	0.434	0.426	34.441	27.631	0.1240	1.39e-05
200	0.588	0.580	34.484	27.657	0.1328	1.29e-05
220	0.693	0.684	34.516	27.677	0.1412	5.58e-06
240	0.874	0.863	34.551	27.693	0.1492	9.29e-06
260	0.986	0.974	34.577	27.707	0.1570	6.50e-06
280	1.038	1.026	34.595	27.718	0.1646	4.13e-06
300	1.122	1.108	34.608	27.723	0.1720	1.15e-06
320	1.160	1.145	34.616	27.727	0.1794	2.25e-06
340	1.159	1.143	34.627	27.736	0.1867	3.16e-06
360	1.222	1.204	34.633	27.737	0.1939	1.70e-06
380	1.266	1.247	34.644	27.742	0.2011	2.74e-06
400	1.342	1.322	34.668	27.757	0.2082	4.26e-06



LTER 93a Station: 600.180 (71) JulianDay: 10 GMT: 2116
 Latitude: 64° 5.43' S Longitude: 66° 33.37' W Depth: 1651 m

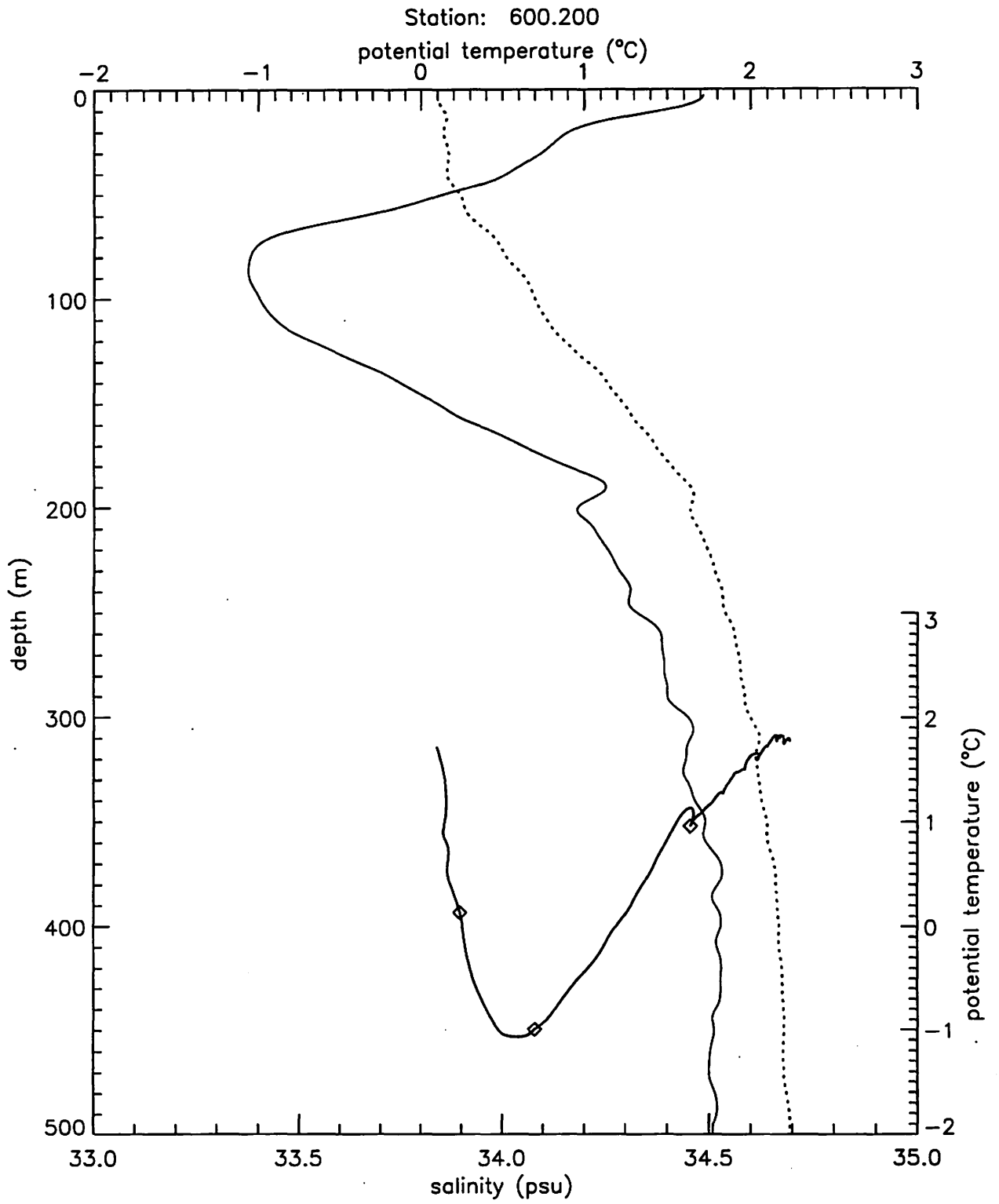
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.526	1.526	33.851	27.086	0.0019	3.33e-05
10	1.263	1.263	33.859	27.111	0.0067	4.13e-05
20	0.826	0.825	33.859	27.139	0.0160	1.37e-05
30	0.675	0.674	33.859	27.148	0.0251	1.07e-05
40	0.543	0.541	33.863	27.159	0.0341	1.20e-05
50	0.328	0.326	33.877	27.183	0.0430	4.01e-05
60	-0.202	-0.204	33.916	27.241	0.0515	6.66e-05
70	-0.763	-0.765	33.967	27.307	0.0593	5.58e-05
80	-1.069	-1.071	34.010	27.354	0.0666	3.62e-05
90	-1.039	-1.041	34.050	27.385	0.0736	2.67e-05
100	-0.885	-0.888	34.086	27.409	0.0803	2.29e-05
110	-0.652	-0.655	34.130	27.434	0.0867	1.99e-05
120	-0.401	-0.405	34.171	27.457	0.0929	2.58e-05
130	-0.173	-0.177	34.214	27.481	0.0989	1.72e-05
140	0.119	0.113	34.265	27.507	0.1047	3.17e-05
150	0.274	0.269	34.308	27.533	0.1102	1.71e-05
160	0.411	0.405	34.340	27.551	0.1156	1.81e-05
180	1.240	1.231	34.480	27.611	0.1255	9.77e-06
200	1.529	1.519	34.537	27.637	0.1348	1.36e-05
220	1.615	1.604	34.568	27.656	0.1436	9.29e-06
240	1.689	1.677	34.595	27.672	0.1522	7.83e-06
260	1.742	1.728	34.620	27.688	0.1605	1.06e-05
280	1.678	1.663	34.633	27.703	0.1685	6.13e-06
300	1.738	1.722	34.651	27.713	0.1763	8.75e-06
320	1.798	1.781	34.668	27.723	0.1839	5.95e-06
340	1.805	1.787	34.681	27.732	0.1913	2.92e-06
360	1.789	1.770	34.687	27.739	0.1987	1.64e-06
380	1.796	1.775	34.695	27.745	0.2059	2.25e-06
400	1.753	1.732	34.700	27.752	0.2130	-6.08e-07
420	1.783	1.761	34.702	27.752	0.2201	1.89e-06
440	1.774	1.750	34.705	27.755	0.2272	2.49e-06
460	1.758	1.733	34.711	27.761	0.2342	6.57e-06
480	1.727	1.701	34.714	27.765	0.2411	-3.04e-06
500	1.730	1.703	34.715	27.766	0.2480	0.00e+00

Station: 600.180



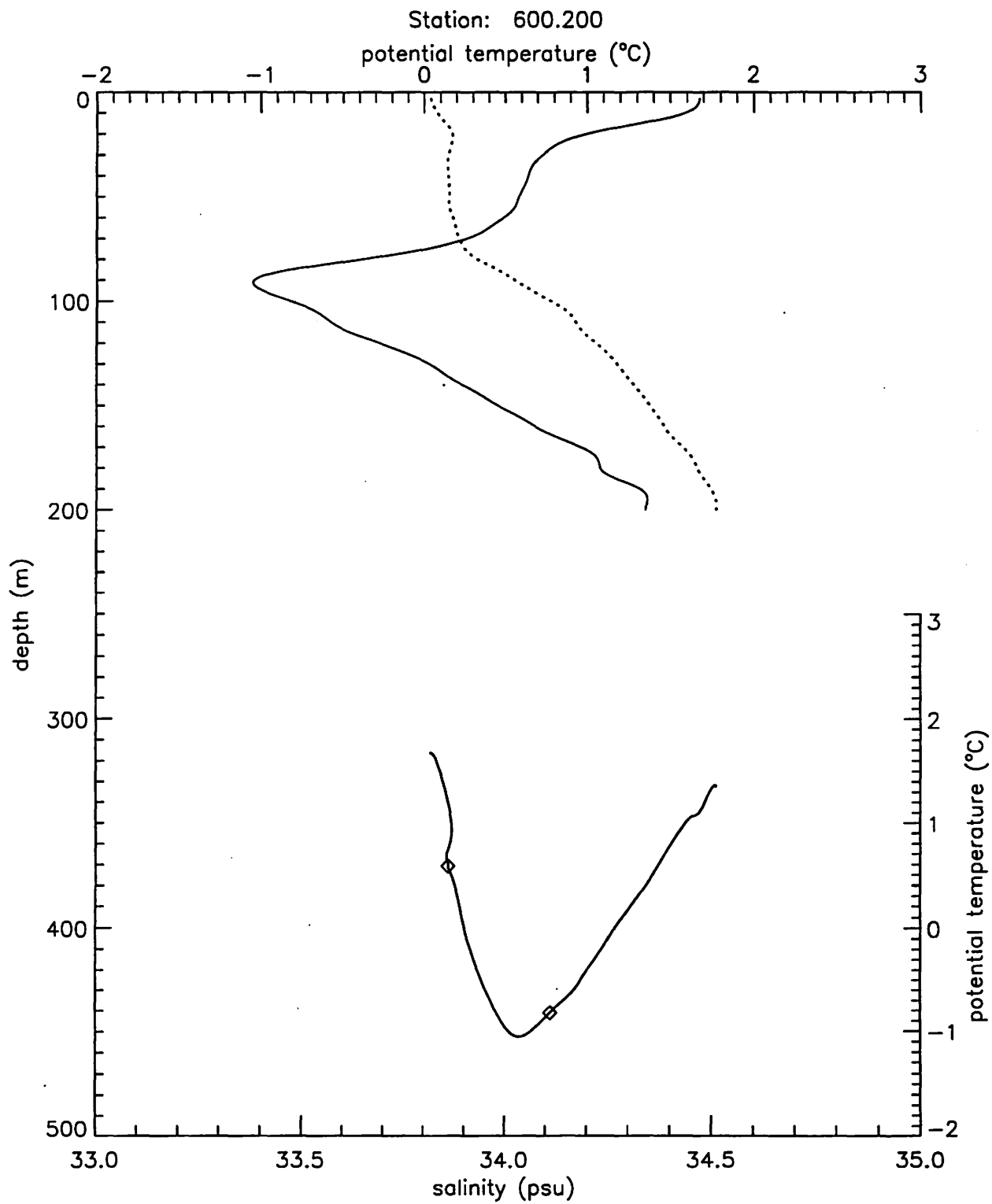
LTER 93a Station: 600.200 (84) JulianDay: 11 GMT: 0745
 Latitude: 64° 57.95' S Longitude: 66° 51.29' W Depth: 2930 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.697	1.697	33.841	27.066	0.0020	2.08e-05
10	1.477	1.476	33.855	27.093	0.0068	5.51e-05
20	0.914	0.913	33.855	27.130	0.0162	1.73e-05
30	0.743	0.742	33.867	27.151	0.0254	1.54e-05
40	0.532	0.530	33.864	27.160	0.0344	2.20e-05
50	0.137	0.135	33.896	27.208	0.0431	4.61e-05
60	-0.357	-0.359	33.918	27.250	0.0514	6.08e-05
70	-0.915	-0.916	33.978	27.322	0.0592	5.05e-05
80	-1.048	-1.050	34.011	27.354	0.0664	3.06e-05
90	-1.054	-1.057	34.056	27.391	0.0733	2.75e-05
100	-0.987	-0.990	34.080	27.408	0.0799	1.56e-05
110	-0.890	-0.893	34.110	27.428	0.0864	1.99e-05
120	-0.673	-0.676	34.152	27.453	0.0927	2.90e-05
130	-0.392	-0.396	34.210	27.488	0.0987	3.22e-05
140	-0.124	-0.129	34.256	27.512	0.1044	1.50e-05
150	0.111	0.105	34.297	27.533	0.1099	1.81e-05
160	0.351	0.345	34.332	27.548	0.1153	1.65e-05
180	0.916	0.908	34.411	27.578	0.1256	1.30e-05
200	0.969	0.960	34.456	27.611	0.1353	2.00e-06
220	1.155	1.145	34.497	27.631	0.1446	1.06e-05
240	1.291	1.279	34.532	27.650	0.1535	7.77e-06
260	1.475	1.462	34.562	27.661	0.1622	4.86e-06
280	1.500	1.486	34.576	27.671	0.1707	3.28e-06
300	1.643	1.627	34.600	27.680	0.1791	1.04e-05
320	1.630	1.613	34.613	27.692	0.1872	3.16e-06
340	1.686	1.668	34.627	27.698	0.1952	2.67e-06
360	1.755	1.736	34.642	27.705	0.2032	2.25e-06
380	1.825	1.804	34.661	27.716	0.2110	7.30e-06
400	1.843	1.822	34.668	27.720	0.2187	3.16e-06
420	1.847	1.824	34.675	27.725	0.2264	2.80e-06
440	1.814	1.790	34.679	27.731	0.2339	5.54e-06
460	1.783	1.758	34.678	27.733	0.2414	9.73e-07
480	1.812	1.786	34.686	27.737	0.2489	3.10e-06
500	1.802	1.775	34.694	27.744	0.2562	0.00e+00



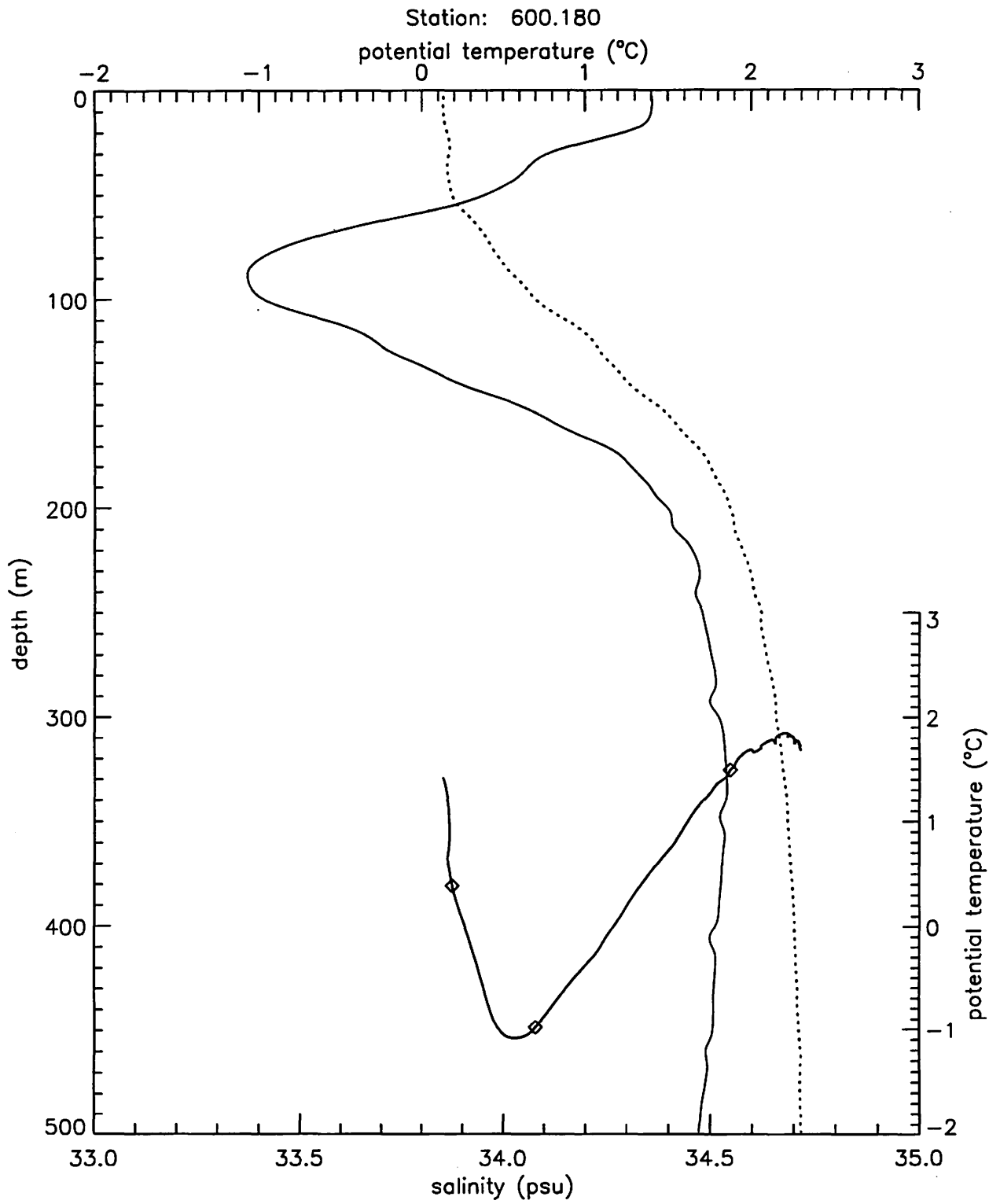
LTER 93a	Station: 600.200 (86)	JulianDay: 11	GMT: 1130
	Latitude: 63° 57.93' S	Longitude: 66° 51.29' W	Depth: 2930 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.671	1.671	33.818	27.050	0.0020	1.53e-05
10	1.592	1.592	33.832	27.066	0.0070	5.02e-05
20	1.006	1.005	33.869	27.135	0.0165	4.29e-05
30	0.730	0.729	33.860	27.145	0.0256	1.94e-06
40	0.643	0.641	33.859	27.150	0.0347	5.33e-06
50	0.587	0.585	33.861	27.155	0.0437	4.06e-06
60	0.494	0.491	33.870	27.168	0.0527	2.16e-05
70	0.271	0.269	33.886	27.193	0.0615	3.71e-05
80	-0.379	-0.381	33.931	27.261	0.0698	1.03e-04
90	-1.038	-1.040	34.025	27.365	0.0773	7.17e-05
100	-0.816	-0.819	34.112	27.426	0.0840	5.42e-05
110	-0.570	-0.573	34.174	27.467	0.0901	2.17e-05
120	-0.275	-0.279	34.223	27.493	0.0961	2.80e-05
130	0.038	0.033	34.273	27.518	0.1017	1.92e-05
140	0.243	0.238	34.313	27.539	0.1072	1.98e-05
150	0.462	0.456	34.352	27.558	0.1125	1.44e-05
160	0.690	0.683	34.386	27.572	0.1176	1.20e-05
180	1.091	1.082	34.466	27.610	0.1274	1.43e-05
200	1.362	1.352	34.512	27.629	0.1367	9.71e-06



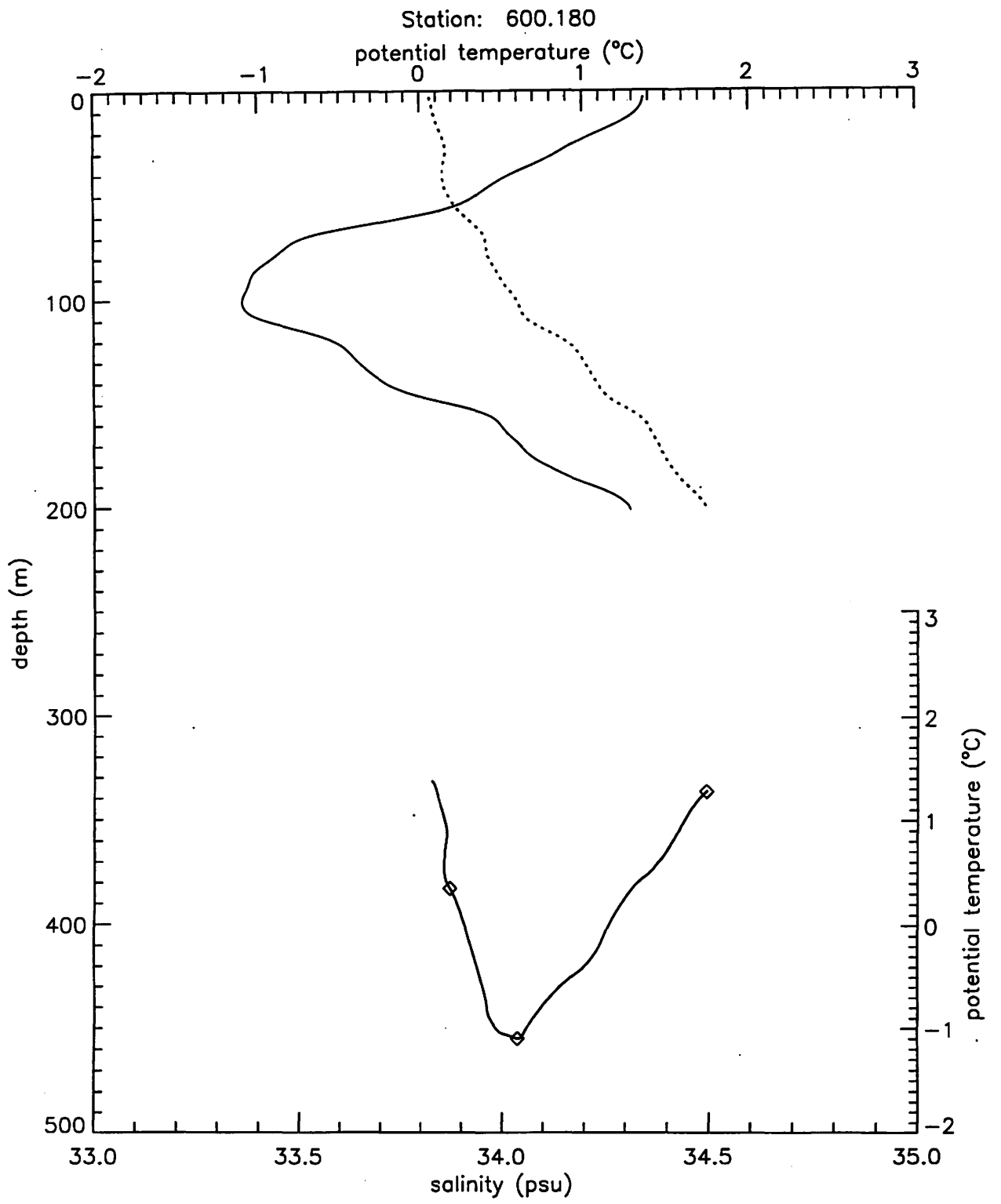
LTER 93a	Station: 600.180 (87)	JulianDay: 11	GMT: 1329
	Latitude: 64° 5.28' S	Longitude: 66° 33.62' W	Depth: 1739 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.407	1.407	33.853	27.096	0.0019	-2.42e-06
10	1.402	1.401	33.853	27.096	0.0067	3.75e-06
20	1.245	1.244	33.862	27.114	0.0162	3.37e-05
30	0.779	0.777	33.867	27.148	0.0254	1.62e-05
40	0.612	0.610	33.863	27.155	0.0345	1.27e-05
50	0.389	0.388	33.874	27.177	0.0434	3.35e-05
60	-0.100	-0.102	33.914	27.234	0.0520	6.83e-05
70	-0.662	-0.664	33.957	27.294	0.0599	4.53e-05
80	-0.984	-0.986	33.989	27.333	0.0674	3.59e-05
90	-1.069	-1.071	34.033	27.372	0.0745	3.85e-05
100	-0.967	-0.970	34.079	27.406	0.0812	3.27e-05
110	-0.586	-0.589	34.154	27.451	0.0876	4.51e-05
120	-0.290	-0.294	34.219	27.490	0.0936	2.38e-05
130	-0.048	-0.053	34.259	27.511	0.0993	2.08e-05
140	0.229	0.224	34.304	27.533	0.1048	2.18e-05
150	0.587	0.581	34.369	27.564	0.1101	3.04e-05
160	0.843	0.836	34.420	27.590	0.1151	1.69e-05
180	1.285	1.277	34.501	27.626	0.1246	1.00e-05
200	1.503	1.493	34.548	27.648	0.1336	5.89e-06
220	1.653	1.642	34.578	27.661	0.1423	1.04e-05
240	1.674	1.662	34.604	27.681	0.1507	1.01e-05
260	1.745	1.732	34.625	27.692	0.1589	4.80e-06
280	1.797	1.782	34.646	27.705	0.1668	7.53e-06
300	1.817	1.801	34.657	27.713	0.1746	-1.88e-06
320	1.859	1.842	34.672	27.721	0.1822	3.34e-06
340	1.862	1.844	34.684	27.731	0.1897	6.62e-06
360	1.854	1.834	34.689	27.736	0.1971	2.37e-06
380	1.835	1.814	34.696	27.743	0.2044	3.95e-06
400	1.799	1.778	34.702	27.750	0.2116	5.78e-06
420	1.803	1.781	34.705	27.753	0.2187	2.25e-06
440	1.793	1.770	34.710	27.757	0.2257	1.83e-06
460	1.746	1.722	34.715	27.765	0.2327	3.41e-06
480	1.736	1.710	34.714	27.765	0.2395	2.68e-06



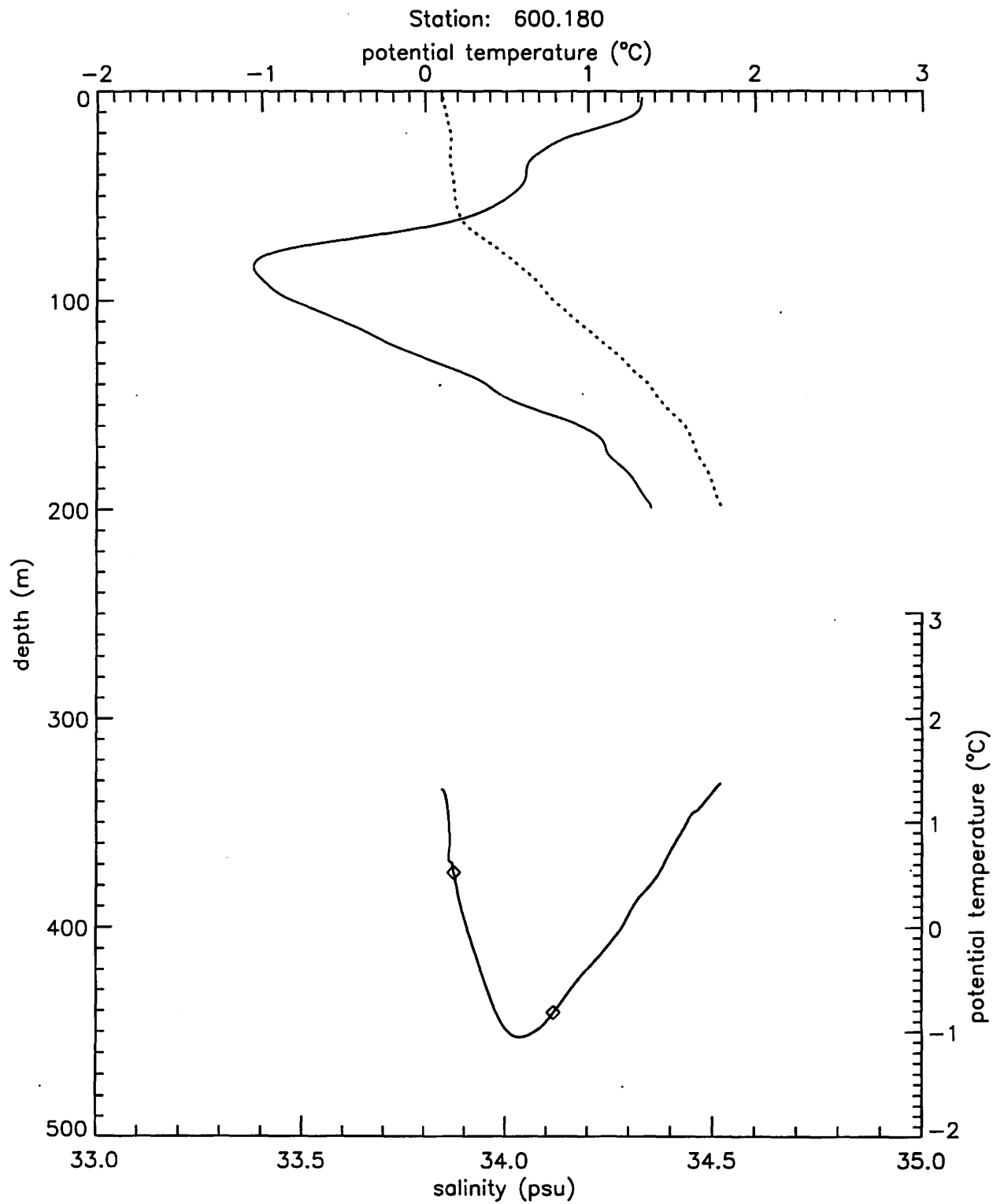
LTER 93a	Station: 600.180 (88)	JulianDay: 11	GMT: 1533
	Latitude: 64° 5.28' S	Longitude: 66° 33.47' W	Depth: 1669 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.368	1.367	33.827	27.078	0.0020	9.48e-06
10	1.329	1.329	33.833	27.086	0.0068	1.88e-05
20	1.097	1.096	33.851	27.115	0.0163	3.39e-05
30	0.840	0.839	33.864	27.142	0.0256	1.31e-05
40	0.565	0.563	33.857	27.153	0.0347	1.60e-05
50	0.353	0.351	33.871	27.176	0.0436	3.32e-05
60	-0.057	-0.059	33.912	27.231	0.0522	7.42e-05
70	-0.725	-0.727	33.960	27.300	0.0601	3.47e-05
80	-0.910	-0.912	33.972	27.317	0.0676	2.34e-05
90	-1.042	-1.044	34.000	27.344	0.0749	2.76e-05
100	-1.091	-1.093	34.038	27.377	0.0820	2.44e-05
110	-0.945	-0.948	34.067	27.395	0.0887	3.45e-05
120	-0.529	-0.533	34.158	27.452	0.0952	4.69e-05
130	-0.376	-0.380	34.204	27.482	0.1012	1.75e-05
140	-0.212	-0.217	34.234	27.498	0.1070	1.25e-05
150	0.196	0.190	34.286	27.519	0.1126	3.38e-05
160	0.501	0.494	34.355	27.558	0.1180	2.19e-05
180	0.792	0.784	34.410	27.585	0.1282	1.20e-05
200	1.286	1.277	34.494	27.620	0.1378	1.06e-05



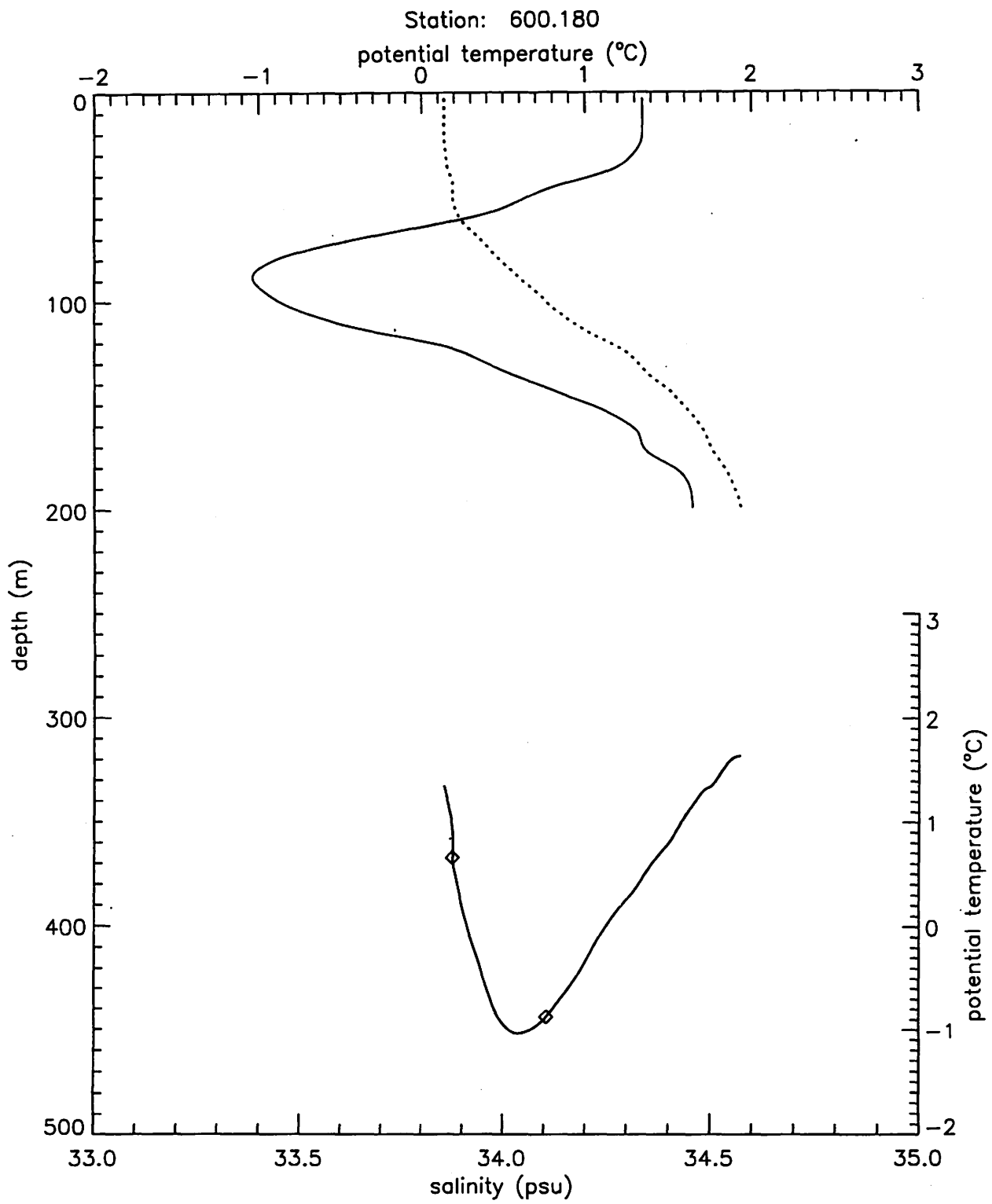
LTER 93a	Station: 600.180 (91)	JulianDay: 11	GMT: 1921
	Latitude: 64° 5.31' S	Longitude: 66° 33.38' W	Depth: 1635 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.321	1.321	33.844	27.095	0.0019	5.85e-06
10	1.294	1.294	33.849	27.101	0.0067	1.91e-05
20	0.959	0.959	33.862	27.133	0.0161	2.89e-05
30	0.693	0.692	33.861	27.148	0.0252	8.35e-06
40	0.623	0.622	33.867	27.158	0.0342	9.08e-06
50	0.524	0.522	33.873	27.168	0.0432	1.51e-05
60	0.264	0.262	33.887	27.194	0.0520	4.60e-05
70	-0.438	-0.440	33.943	27.274	0.0603	9.31e-05
80	-1.016	-1.018	34.013	27.354	0.0677	5.77e-05
90	-0.993	-0.996	34.073	27.402	0.0745	3.60e-05
100	-0.809	-0.812	34.118	27.431	0.0810	2.98e-05
110	-0.496	-0.499	34.177	27.466	0.0872	3.33e-05
120	-0.233	-0.237	34.236	27.502	0.0931	3.29e-05
130	0.086	0.082	34.294	27.532	0.0986	2.12e-05
140	0.384	0.379	34.346	27.557	0.1040	2.23e-05
150	0.609	0.603	34.384	27.575	0.1091	1.43e-05
160	0.960	0.953	34.433	27.592	0.1141	1.16e-05
180	1.223	1.215	34.483	27.615	0.1237	1.30e-05



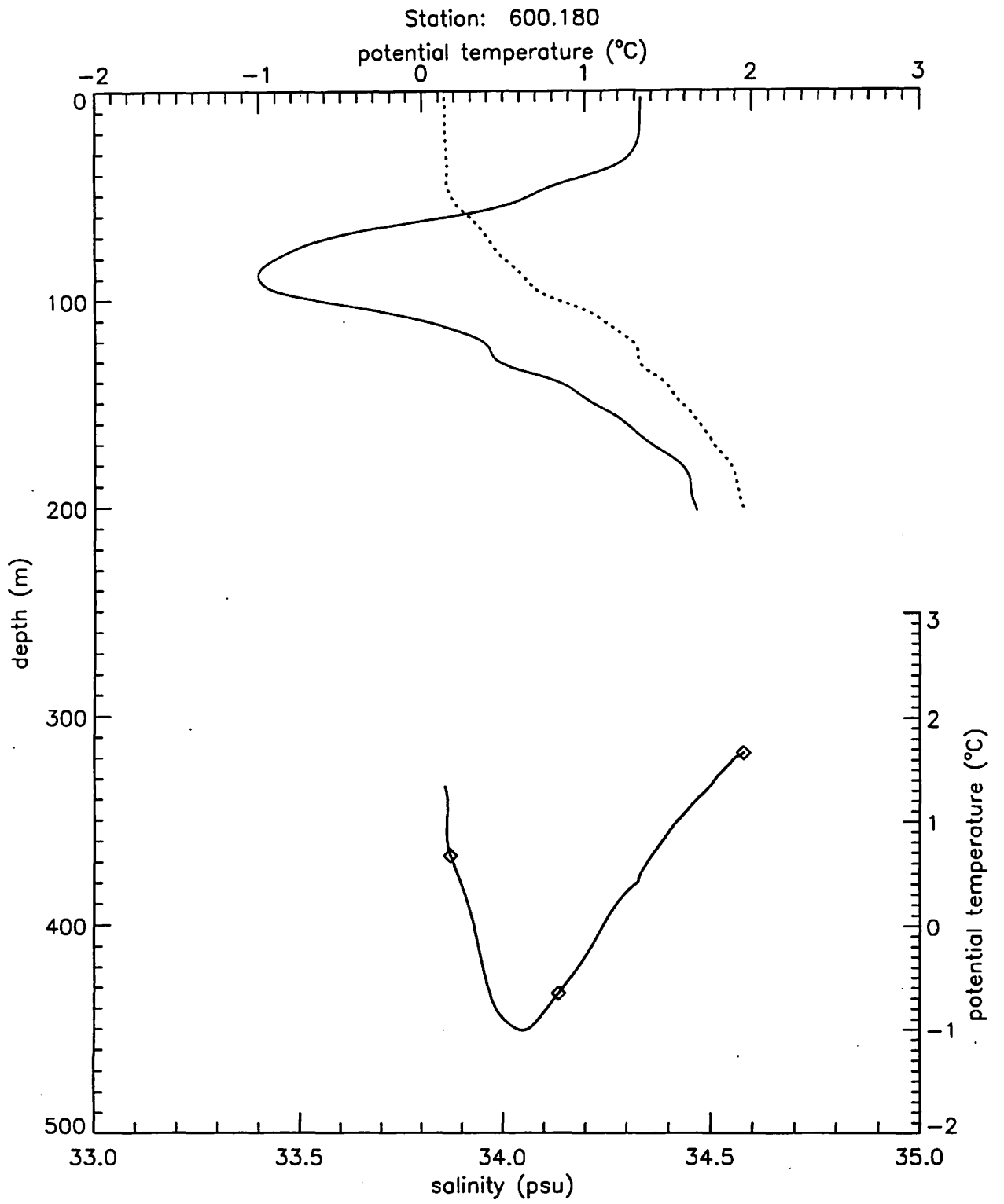
LTER 93a Station: 600.180 (94) JulianDay: 11 GMT: 2127
 Latitude: 64° 5.25' S Longitude: 66° 33.31' W Depth: 1670 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.349	1.349	33.855	27.102	0.0019	0.00e+00
10	1.348	1.348	33.855	27.102	0.0067	0.00e+00
20	1.348	1.347	33.855	27.102	0.0162	1.76e-06
30	1.293	1.292	33.859	27.109	0.0257	1.21e-05
40	1.063	1.061	33.871	27.133	0.0350	3.65e-05
50	0.660	0.658	33.875	27.162	0.0441	2.09e-05
60	0.300	0.298	33.893	27.197	0.0529	5.67e-05
70	-0.395	-0.398	33.944	27.273	0.0611	7.15e-05
80	-0.900	-0.902	33.993	27.334	0.0687	5.34e-05
90	-1.029	-1.031	34.048	27.383	0.0757	4.41e-05
100	-0.869	-0.872	34.106	27.424	0.0823	3.28e-05
110	-0.523	-0.527	34.171	27.463	0.0886	3.78e-05
120	0.065	0.060	34.260	27.506	0.0945	4.31e-05
130	0.414	0.409	34.329	27.543	0.1000	2.15e-05
140	0.722	0.716	34.383	27.568	0.1052	2.69e-05
150	1.042	1.036	34.436	27.590	0.1102	1.49e-05
160	1.278	1.270	34.476	27.606	0.1151	1.43e-05
180	1.539	1.531	34.534	27.634	0.1244	1.26e-05



LTER 93a	Station: 600.180 (97)	JulianDay: 11	GMT: 2324
	Latitude: 64° 5.20' S	Longitude: 66° 33.44' W	Depth: 1734 m

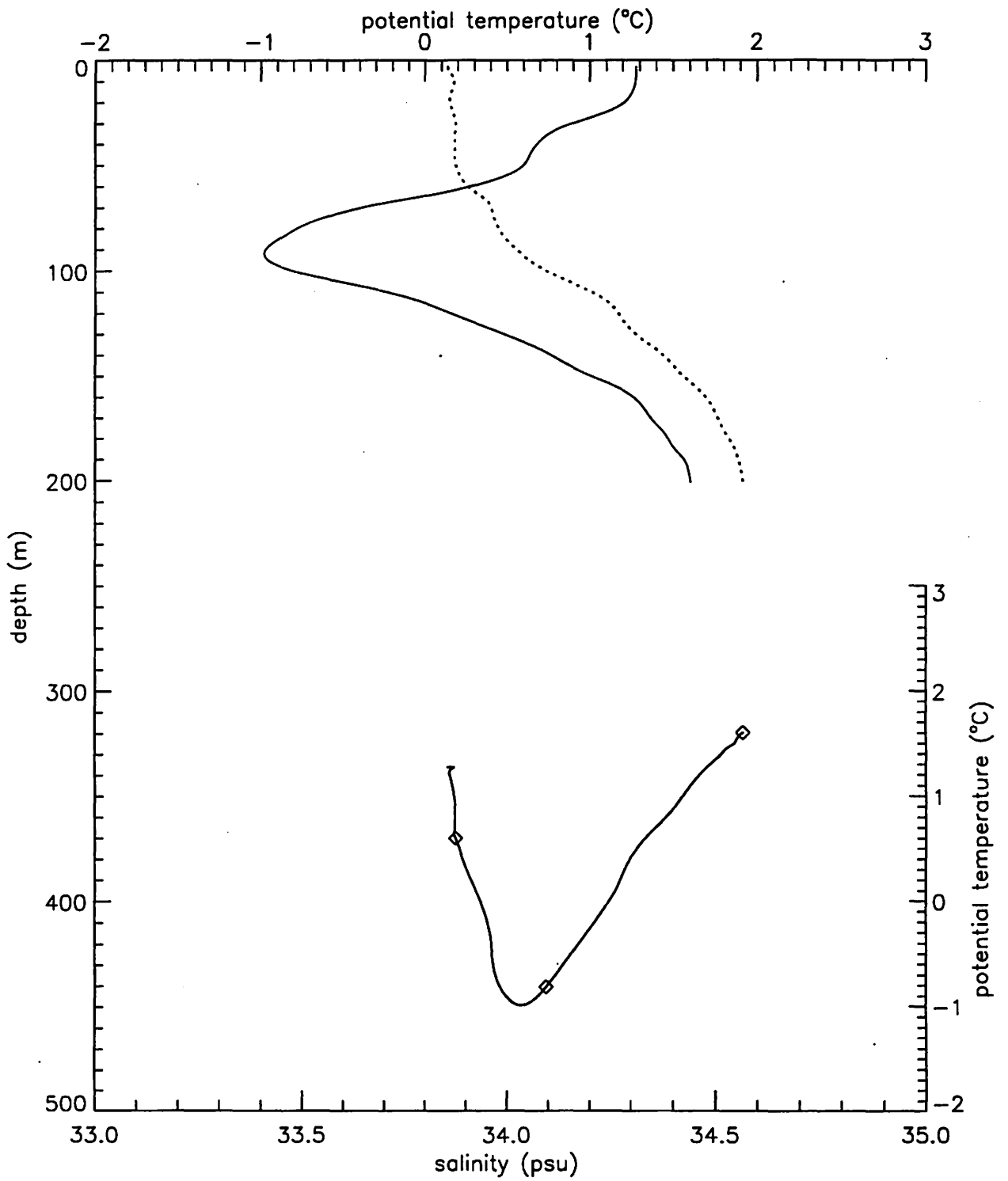
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.337	1.336	33.856	27.104	0.0019	2.82e-06
10	1.334	1.334	33.857	27.104	0.0066	1.33e-06
20	1.329	1.328	33.857	27.105	0.0161	2.00e-06
30	1.279	1.278	33.860	27.110	0.0256	1.10e-05
40	1.033	1.032	33.862	27.129	0.0350	2.35e-05
50	0.672	0.670	33.870	27.157	0.0441	3.78e-05
60	0.190	0.188	33.915	27.221	0.0528	7.99e-05
70	-0.555	-0.557	33.960	27.293	0.0608	5.23e-05
80	-0.890	-0.892	34.001	27.339	0.0683	5.11e-05
90	-0.997	-0.999	34.056	27.388	0.0753	3.55e-05
100	-0.644	-0.647	34.135	27.438	0.0818	6.58e-05
110	0.016	0.012	34.244	27.496	0.0878	3.32e-05
120	0.380	0.376	34.314	27.532	0.0934	2.59e-05
130	0.488	0.482	34.331	27.540	0.0988	8.85e-06
140	0.859	0.853	34.392	27.566	0.1041	2.21e-05
150	1.058	1.051	34.431	27.584	0.1091	2.08e-05
160	1.260	1.252	34.476	27.607	0.1140	1.86e-05
180	1.594	1.585	34.551	27.644	0.1232	1.22e-05
200	1.675	1.665	34.579	27.661	0.1320	5.46e-06



LTER 93a	Station: 600.180 (100)	JulianDay: 12	GMT: 0124
	Latitude: 64° 3.28' S	Longitude: 66° 33.42' W	Depth: 1691 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.279	1.278	33.858	27.109	0.0019	2.04e-05
10	1.277	1.276	33.871	27.119	0.0066	5.99e-06
20	1.208	1.207	33.860	27.116	0.0160	1.43e-05
30	0.891	0.890	33.874	27.147	0.0252	2.40e-05
40	0.683	0.681	33.873	27.159	0.0342	6.05e-06
50	0.601	0.599	33.875	27.165	0.0432	1.85e-05
60	0.288	0.285	33.904	27.206	0.0519	6.98e-05
70	-0.381	-0.383	33.962	27.287	0.0600	5.00e-05
80	-0.776	-0.779	33.980	27.318	0.0676	3.36e-05
90	-0.970	-0.973	34.023	27.361	0.0749	4.62e-05
100	-0.802	-0.805	34.095	27.413	0.0817	5.71e-05
110	-0.232	-0.235	34.205	27.476	0.0879	4.86e-05
120	0.156	0.152	34.269	27.508	0.0937	1.44e-05
130	0.487	0.482	34.311	27.523	0.0993	2.47e-05
140	0.776	0.770	34.376	27.559	0.1046	2.87e-05
150	1.023	1.016	34.426	27.583	0.1097	2.17e-05
160	1.271	1.264	34.478	27.608	0.1146	2.01e-05
180	1.479	1.471	34.533	27.638	0.1239	1.50e-05
200	1.614	1.604	34.566	27.654	0.1327	3.03e-06

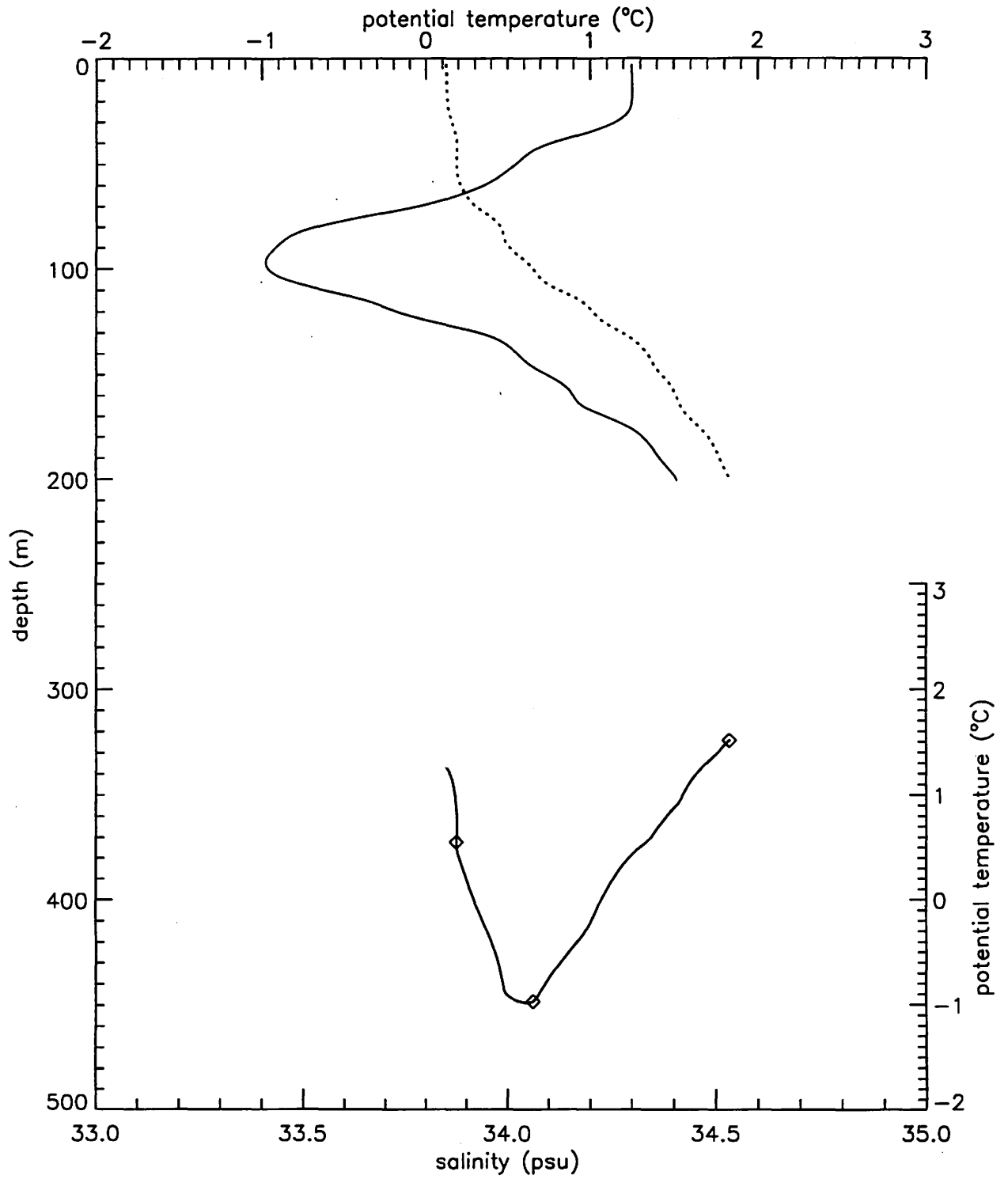
Station: 600.180



LTER 93a	Station: 600.180 (101)	JulianDay: 12	GMT: 0329
	Latitude: 64° 5.28' S	Longitude: 66° 33.42' W	Depth: 1703 m

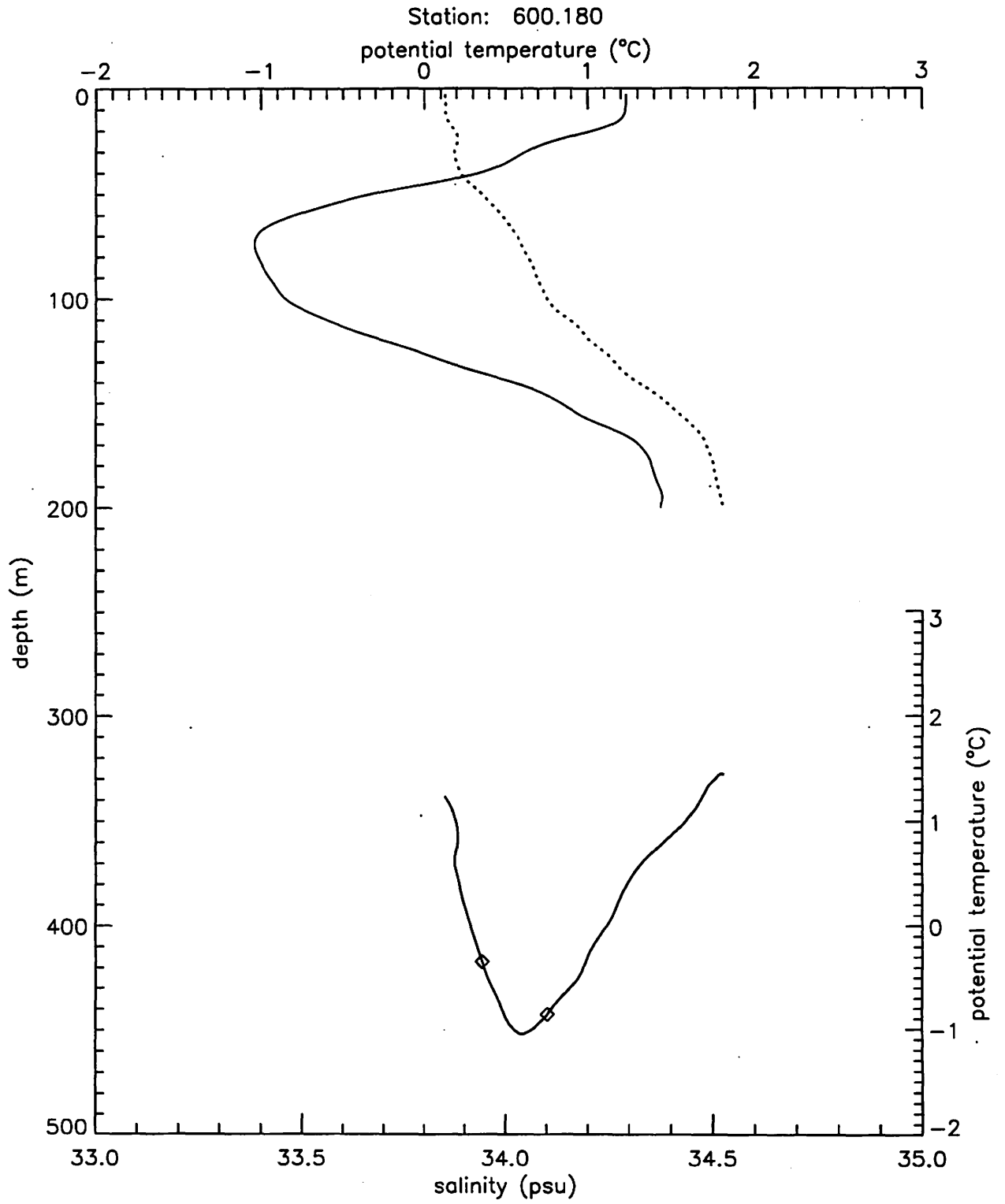
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.250	1.250	33.849	27.104	0.0019	2.42e-06
10	1.252	1.251	33.850	27.104	0.0066	7.26e-07
20	1.251	1.250	33.852	27.106	0.0161	5.27e-06
30	1.156	1.155	33.864	27.122	0.0256	2.81e-05
40	0.776	0.774	33.876	27.156	0.0347	2.60e-05
50	0.553	0.551	33.875	27.168	0.0437	9.26e-06
60	0.363	0.360	33.885	27.187	0.0525	3.17e-05
70	-0.037	-0.039	33.921	27.237	0.0610	7.40e-05
80	-0.670	-0.673	33.983	27.316	0.0688	4.59e-05
90	-0.916	-0.919	34.004	27.343	0.0761	3.93e-05
100	-0.962	-0.964	34.062	27.391	0.0830	3.21e-05
110	-0.626	-0.629	34.122	27.427	0.0896	5.08e-05
120	-0.186	-0.190	34.204	27.473	0.0958	2.35e-05
130	0.320	0.315	34.275	27.504	0.1016	3.73e-05
140	0.564	0.559	34.336	27.539	0.1072	2.10e-05
150	0.738	0.732	34.370	27.556	0.1125	1.77e-05
160	0.902	0.895	34.405	27.574	0.1176	1.12e-05
180	1.319	1.310	34.481	27.607	0.1275	1.93e-05
200	1.522	1.512	34.532	27.633	0.1368	7.89e-06

Station: 600.180



LTER 93a	Station: 600.180 (104)	JulianDay: 12	GMT: 0528
	Latitude: 64° 5.28' S	Longitude: 66° 33.43' W	Depth: 1709 m

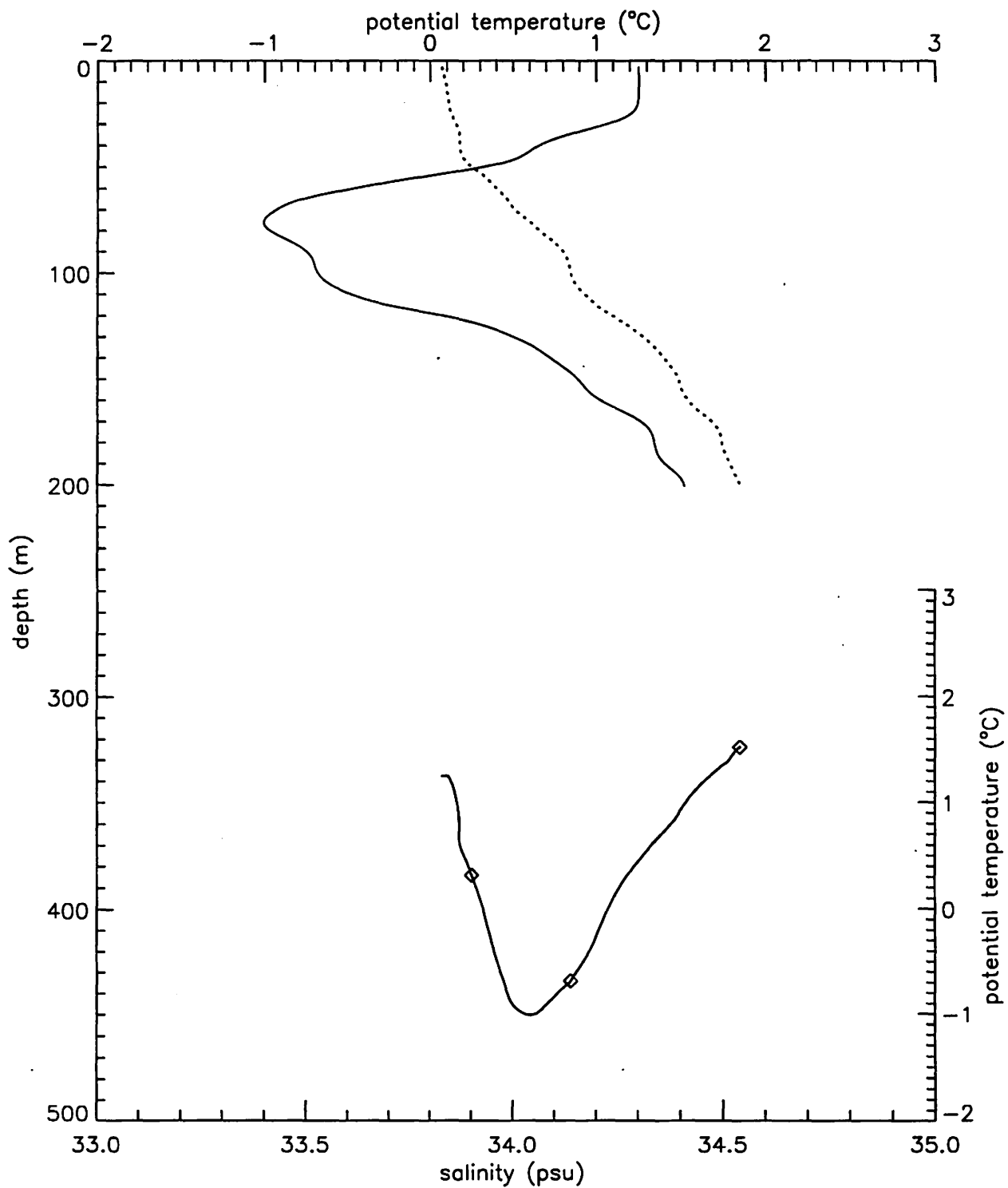
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.231	1.231	33.851	27.107	0.0019	2.62e-06
10	1.228	1.227	33.852	27.107	0.0066	6.66e-06
20	1.045	1.044	33.875	27.138	0.0160	4.51e-05
30	0.628	0.627	33.875	27.164	0.0250	1.40e-05
40	0.337	0.335	33.891	27.193	0.0338	5.33e-05
50	-0.340	-0.341	33.943	27.269	0.0421	6.87e-05
60	-0.801	-0.803	33.992	27.329	0.0497	4.91e-05
70	-1.022	-1.024	34.030	27.368	0.0569	2.65e-05
80	-1.015	-1.018	34.055	27.388	0.0637	1.90e-05
90	-0.944	-0.947	34.078	27.404	0.0704	1.38e-05
100	-0.849	-0.852	34.102	27.420	0.0769	1.85e-05
110	-0.597	-0.601	34.156	27.453	0.0833	3.61e-05
120	-0.238	-0.242	34.206	27.477	0.0893	2.07e-05
130	0.143	0.139	34.265	27.506	0.0951	1.64e-05
140	0.565	0.560	34.321	27.527	0.1007	3.36e-05
150	0.846	0.840	34.391	27.566	0.1060	3.12e-05
160	1.070	1.063	34.447	27.597	0.1110	2.28e-05
180	1.395	1.386	34.502	27.619	0.1205	6.55e-06
200	1.449	1.439	34.524	27.633	0.1297	1.21e-06



LTER 93a	Station: 600.180 (107)	JulianDay: 12	GMT: 0729
	Latitude: 64° 5.26' S	Longitude: 66° 33.45' W	Depth: 1294 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.253	1.253	33.830	27.088	0.0019	7.46e-06
10	1.255	1.254	33.837	27.094	0.0067	8.29e-06
20	1.250	1.249	33.845	27.100	0.0163	9.99e-06
30	1.067	1.066	33.863	27.127	0.0257	3.99e-05
40	0.659	0.657	33.872	27.159	0.0348	2.19e-05
50	0.323	0.321	33.902	27.203	0.0437	7.81e-05
60	-0.464	-0.466	33.961	27.290	0.0518	7.04e-05
70	-0.924	-0.926	34.005	27.344	0.0592	4.88e-05
80	-0.964	-0.967	34.066	27.395	0.0661	4.07e-05
90	-0.744	-0.746	34.122	27.432	0.0726	2.36e-05
100	-0.678	-0.681	34.140	27.443	0.0789	8.42e-06
110	-0.477	-0.480	34.173	27.462	0.0851	2.18e-05
120	0.080	0.076	34.238	27.487	0.0911	2.86e-05
130	0.509	0.504	34.312	27.523	0.0968	3.01e-05
140	0.733	0.727	34.361	27.549	0.1022	2.04e-05
150	0.897	0.891	34.395	27.566	0.1074	8.49e-06
160	1.031	1.024	34.417	27.575	0.1125	1.70e-05
180	1.356	1.347	34.498	27.618	0.1221	7.34e-06
200	1.532	1.522	34.540	27.639	0.1313	4.86e-06

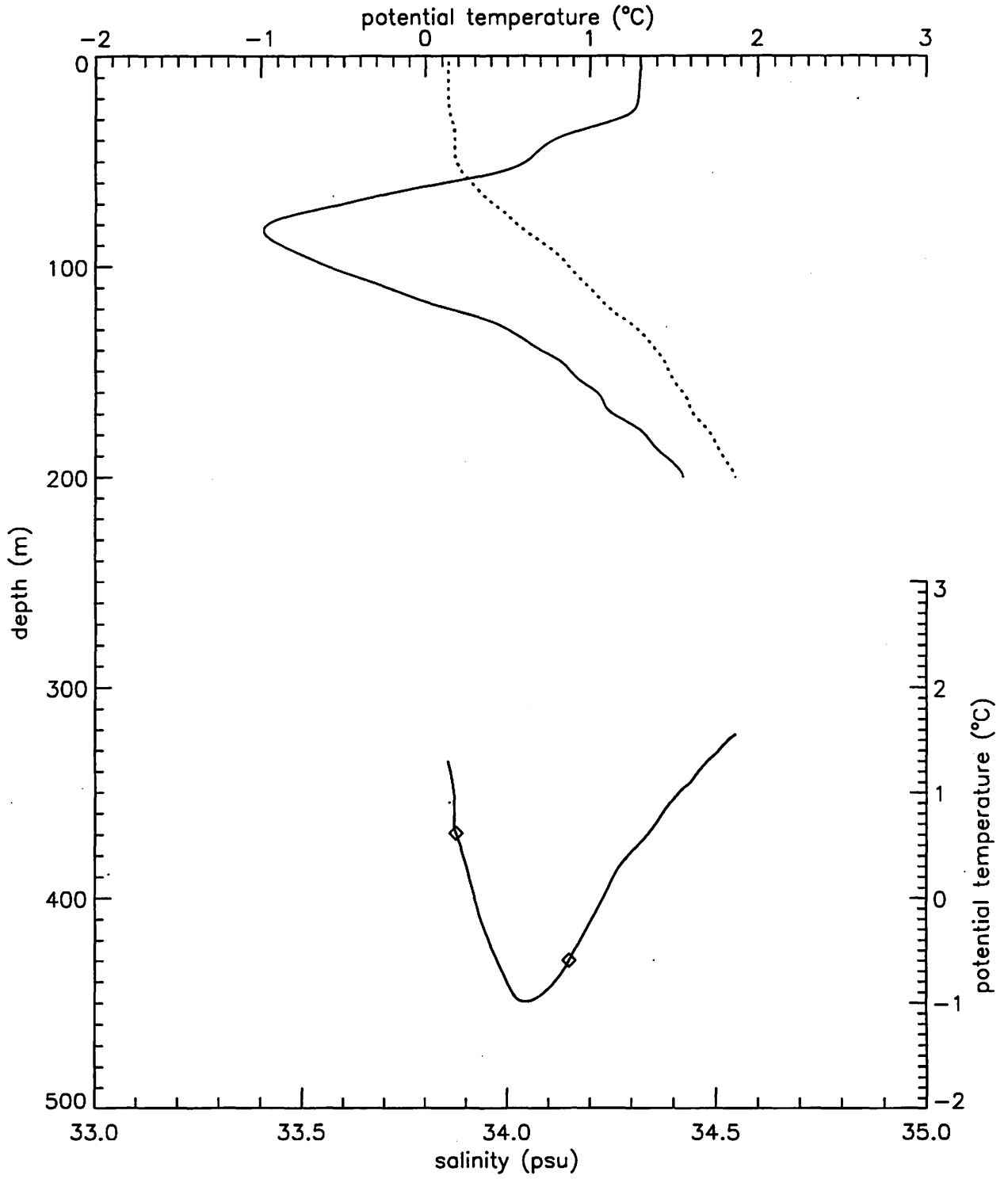
Station: 600.180



LTER 93a	Station: 600.180 (110)	JulianDay: 12	GMT: 0926
	Latitude: 64° 5.31' S	Longitude: 66° 33.23' W	Depth: 1650 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.304	1.304	33.856	27.106	0.0019	4.03e-07
10	1.300	1.300	33.856	27.106	0.0066	6.05e-07
20	1.291	1.290	33.856	27.106	0.0161	2.48e-06
30	1.169	1.167	33.863	27.120	0.0255	3.11e-05
40	0.780	0.779	33.872	27.152	0.0347	1.62e-05
50	0.615	0.613	33.875	27.165	0.0437	2.75e-05
60	0.128	0.126	33.912	27.222	0.0524	7.10e-05
70	-0.495	-0.497	33.965	27.294	0.0604	7.35e-05
80	-0.957	-0.959	34.025	27.362	0.0677	5.49e-05
90	-0.875	-0.877	34.095	27.415	0.0745	4.35e-05
100	-0.587	-0.590	34.150	27.448	0.0808	2.21e-05
110	-0.232	-0.235	34.199	27.471	0.0869	2.07e-05
120	0.144	0.139	34.248	27.492	0.0928	2.32e-05
130	0.512	0.506	34.316	27.526	0.0985	2.94e-05
140	0.712	0.706	34.358	27.548	0.1039	1.48e-05
150	0.888	0.882	34.388	27.561	0.1091	1.06e-05
160	1.047	1.040	34.421	27.577	0.1142	1.75e-05
180	1.338	1.329	34.488	27.611	0.1240	1.62e-05
200	1.565	1.555	34.546	27.642	0.1332	1.21e-05

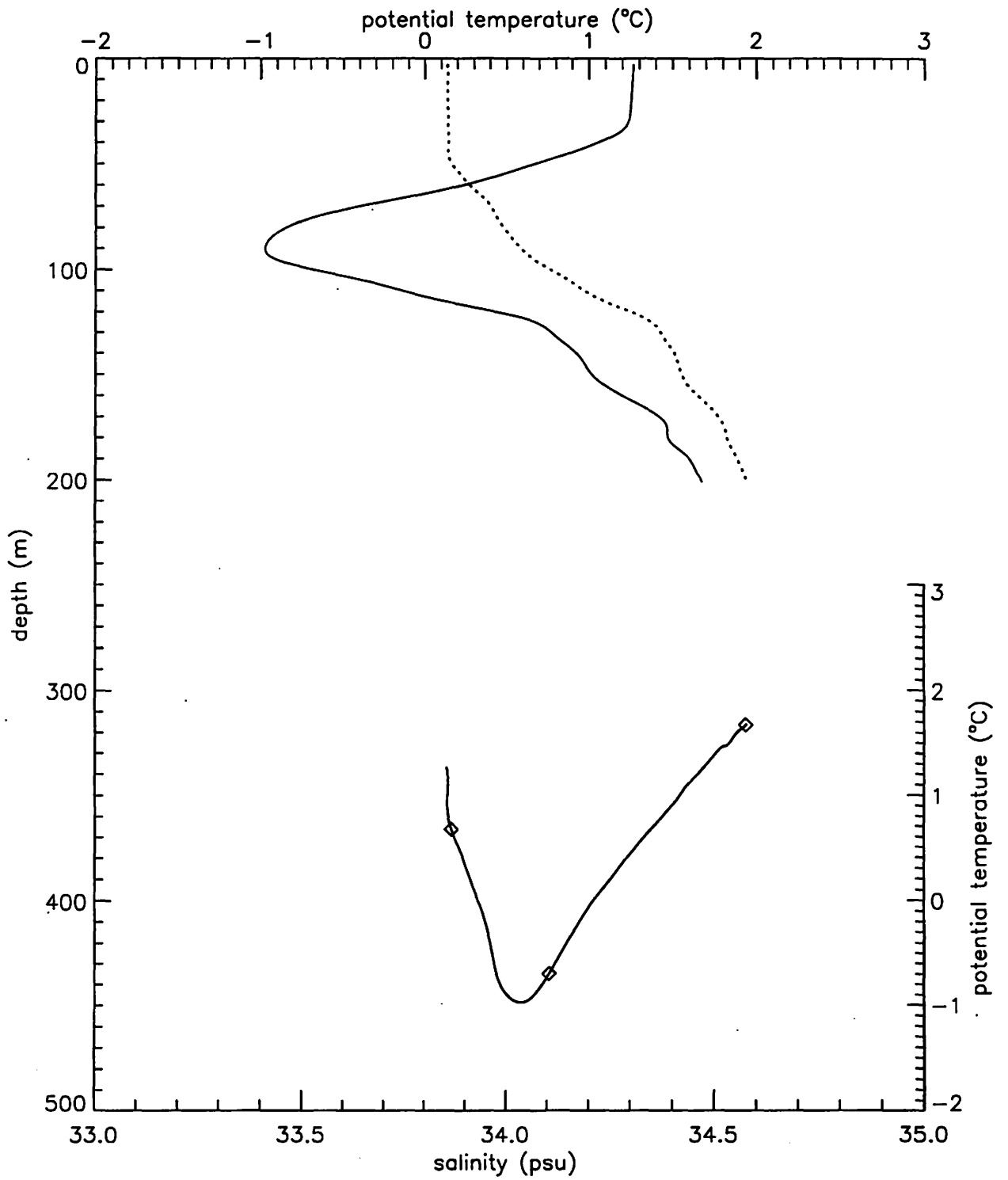
Station: 600.180



LTER 93a	Station: 600.180 (113)	JulianDay: 12	GMT: 1123
	Latitude: 64° 5.24' S	Longitude: 66° 33.30' W	Depth: 1691 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.265	1.265	33.855	27.108	0.0019	3.23e-06
10	1.260	1.260	33.856	27.109	0.0066	1.33e-06
20	1.254	1.253	33.856	27.109	0.0161	1.51e-06
30	1.239	1.238	33.857	27.110	0.0255	4.72e-06
40	1.059	1.057	33.858	27.124	0.0349	1.85e-05
50	0.677	0.675	33.867	27.154	0.0441	4.70e-05
60	0.250	0.248	33.909	27.212	0.0528	6.78e-05
70	-0.384	-0.387	33.962	27.287	0.0609	5.76e-05
80	-0.837	-0.839	33.993	27.331	0.0684	4.07e-05
90	-0.970	-0.973	34.036	27.371	0.0756	3.90e-05
100	-0.689	-0.692	34.106	27.417	0.0823	4.33e-05
110	-0.137	-0.141	34.189	27.458	0.0886	4.10e-05
120	0.433	0.429	34.298	27.516	0.0945	5.56e-05
130	0.780	0.774	34.372	27.555	0.0998	1.84e-05
140	0.932	0.926	34.405	27.571	0.1050	1.26e-05
150	1.026	1.019	34.422	27.580	0.1100	8.61e-06
160	1.206	1.198	34.460	27.598	0.1150	2.35e-05
180	1.484	1.475	34.531	27.635	0.1243	1.02e-05
200	1.682	1.672	34.576	27.658	0.1332	7.89e-06

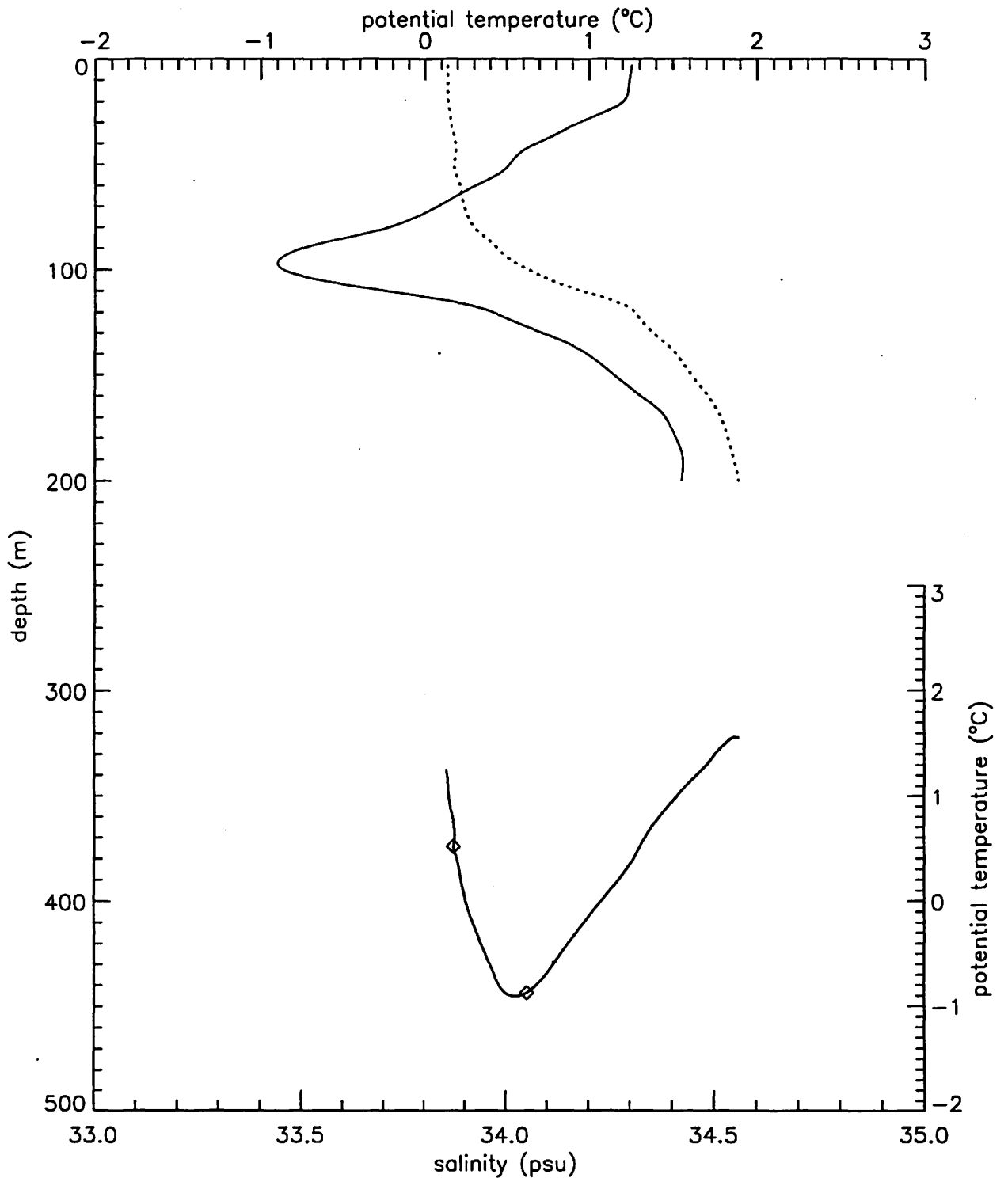
Station: 600.180



LTER 93a	Station: 600.180 (116)	JulianDay: 12	GMT: 1324
	Latitude: 64° 5.20' S	Longitude: 66° 33.48' W	Depth: 1734 m

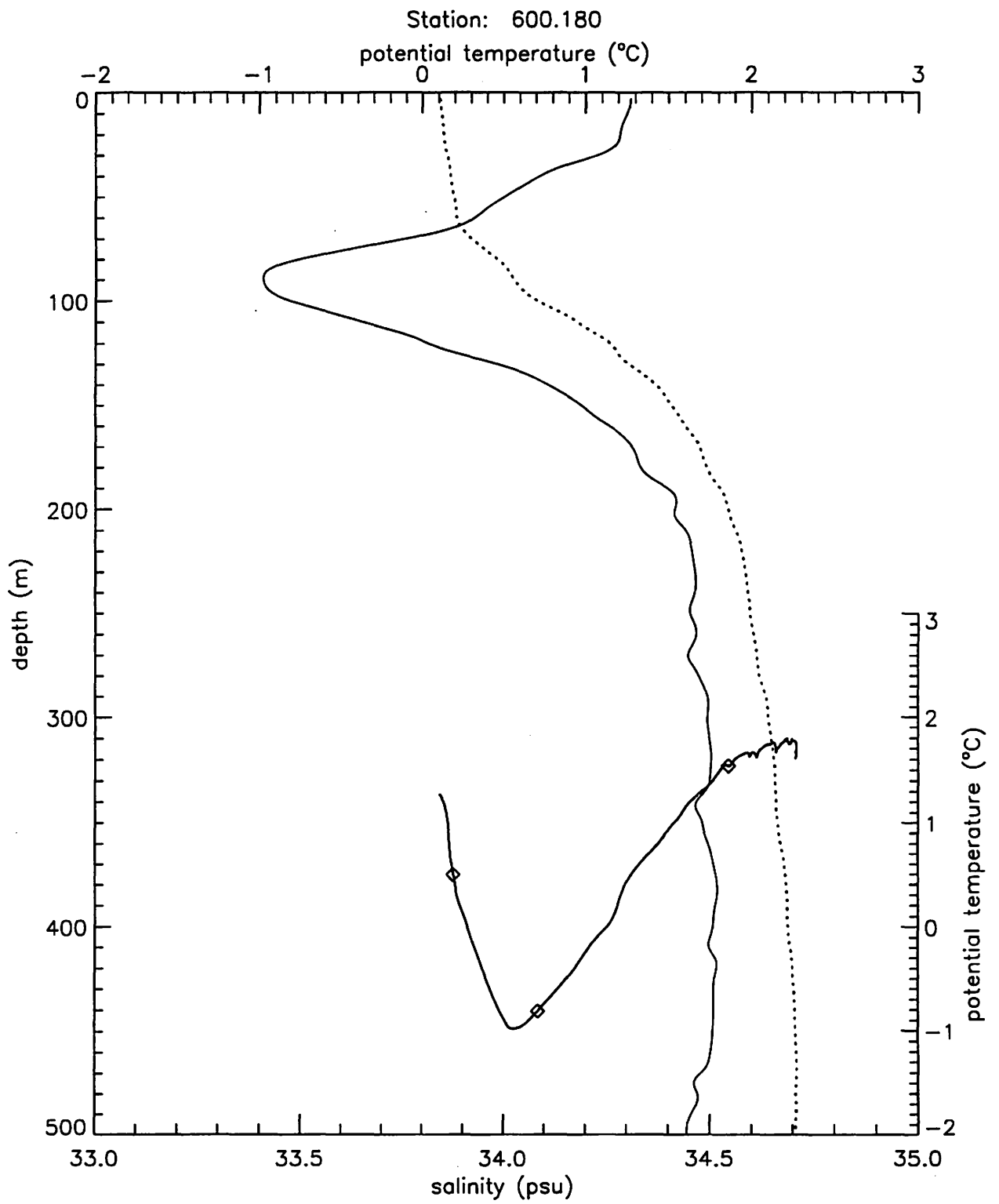
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.252	1.252	33.854	27.107	0.0019	1.21e-06
10	1.241	1.240	33.855	27.109	0.0066	1.88e-06
20	1.205	1.204	33.856	27.113	0.0161	1.25e-05
30	0.940	0.939	33.863	27.135	0.0254	2.49e-05
40	0.681	0.680	33.875	27.160	0.0345	1.89e-05
50	0.520	0.518	33.872	27.168	0.0434	8.96e-06
60	0.318	0.316	33.886	27.190	0.0522	2.43e-05
70	0.083	0.081	33.897	27.212	0.0607	2.40e-05
80	-0.212	-0.214	33.921	27.245	0.0690	5.41e-05
90	-0.745	-0.748	33.978	27.316	0.0768	6.24e-05
100	-0.863	-0.866	34.052	27.380	0.0840	6.77e-05
110	-0.246	-0.250	34.180	27.457	0.0905	8.23e-05
120	0.416	0.412	34.310	27.527	0.0963	2.76e-05
130	0.730	0.724	34.355	27.545	0.1017	2.29e-05
140	0.997	0.990	34.410	27.571	0.1069	2.01e-05
150	1.159	1.152	34.445	27.589	0.1119	1.79e-05
160	1.319	1.311	34.485	27.610	0.1167	1.66e-05
180	1.533	1.524	34.533	27.633	0.1260	8.01e-06
200	1.569	1.559	34.558	27.651	0.1349	7.89e-06

Station: 600.180



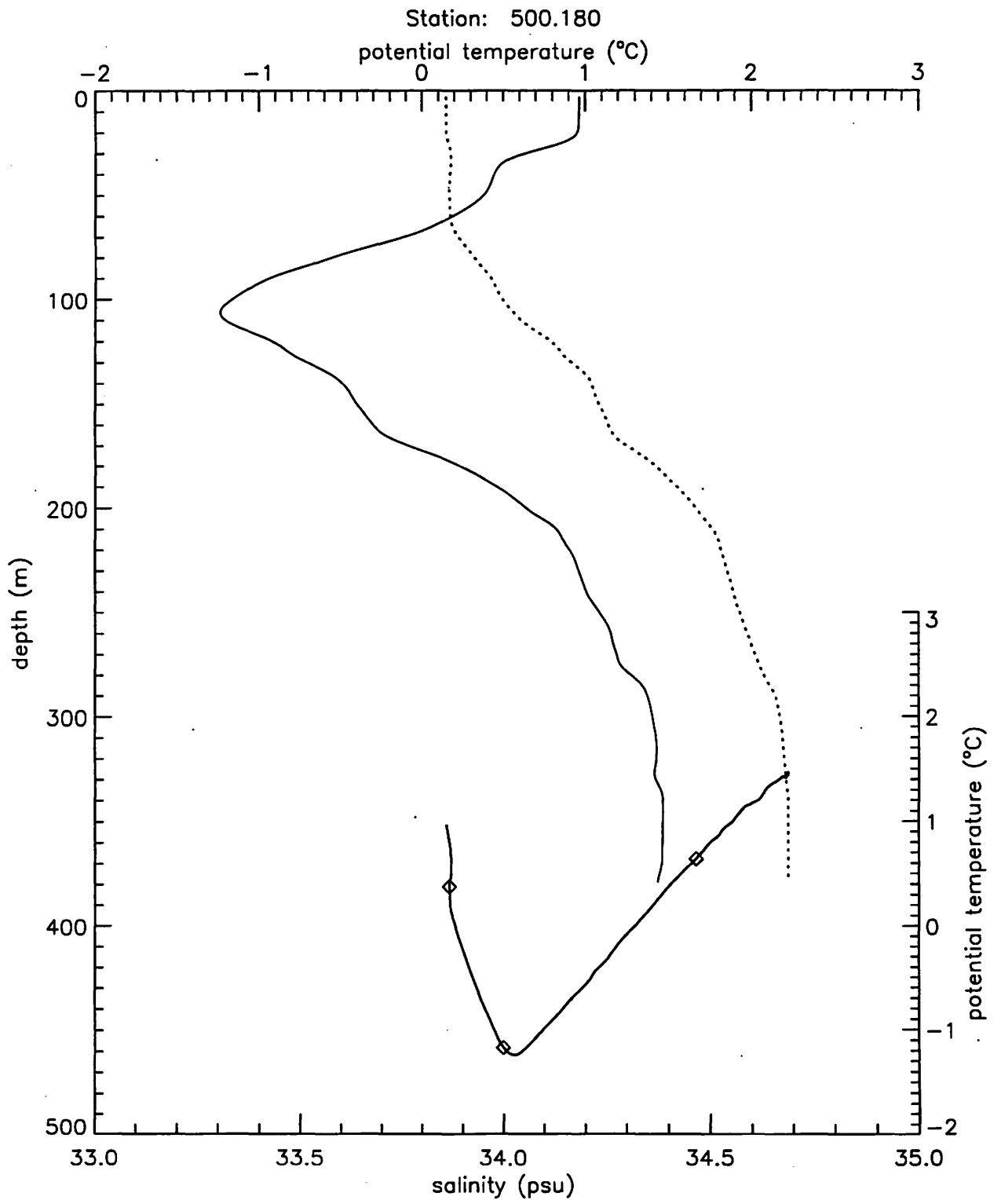
LTER 93a	Station: 600.180 (117)	JulianDay: 12	GMT: 1525
	Latitude: 64° 5.28' S	Longitude: 66° 33.67' W	Depth: 1742 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.271	1.271	33.844	27.098	0.0019	6.25e-06
10	1.253	1.253	33.848	27.102	0.0067	7.63e-06
20	1.210	1.209	33.852	27.108	0.0162	6.60e-06
30	1.067	1.065	33.861	27.125	0.0256	2.93e-05
40	0.718	0.716	33.869	27.154	0.0347	1.99e-05
50	0.502	0.500	33.877	27.173	0.0436	1.93e-05
60	0.321	0.319	33.885	27.189	0.0524	2.32e-05
70	-0.116	-0.118	33.923	27.243	0.0609	7.60e-05
80	-0.769	-0.771	33.987	27.324	0.0686	6.47e-05
90	-0.975	-0.977	34.028	27.365	0.0758	2.86e-05
100	-0.805	-0.808	34.085	27.404	0.0826	5.33e-05
110	-0.356	-0.360	34.182	27.464	0.0889	4.52e-05
120	0.044	0.040	34.261	27.508	0.0948	2.55e-05
130	0.482	0.477	34.308	27.521	0.1004	2.30e-05
140	0.788	0.782	34.372	27.555	0.1058	2.36e-05
150	0.990	0.983	34.410	27.572	0.1109	1.51e-05
160	1.159	1.152	34.442	27.587	0.1159	1.44e-05
180	1.347	1.338	34.493	27.615	0.1256	1.14e-05
200	1.551	1.541	34.545	27.642	0.1347	9.83e-06
220	1.656	1.645	34.577	27.660	0.1435	6.86e-06
240	1.672	1.660	34.592	27.671	0.1520	6.62e-06
260	1.681	1.668	34.605	27.681	0.1604	8.56e-06
280	1.699	1.684	34.619	27.691	0.1685	4.92e-06
300	1.753	1.737	34.641	27.705	0.1765	3.34e-06
320	1.777	1.760	34.655	27.714	0.1843	3.34e-06
340	1.688	1.670	34.660	27.725	0.1919	5.11e-06
360	1.761	1.742	34.671	27.728	0.1994	3.59e-06
380	1.817	1.796	34.685	27.735	0.2068	3.10e-06
400	1.791	1.769	34.689	27.740	0.2142	4.74e-06
420	1.813	1.790	34.699	27.747	0.2214	2.92e-06
440	1.796	1.772	34.705	27.753	0.2285	1.76e-06
460	1.778	1.753	34.708	27.757	0.2356	3.65e-06
480	1.703	1.677	34.707	27.762	0.2425	-1.10e-06
500	1.640	1.613	34.708	27.767	0.2494	7.91e-06



LTER 93a Station: 500.180 (126) JulianDay: 13 GMT: 0010
 Latitude: 64° 44.10' S Longitude: 67° 59.83' W Depth: 402 m

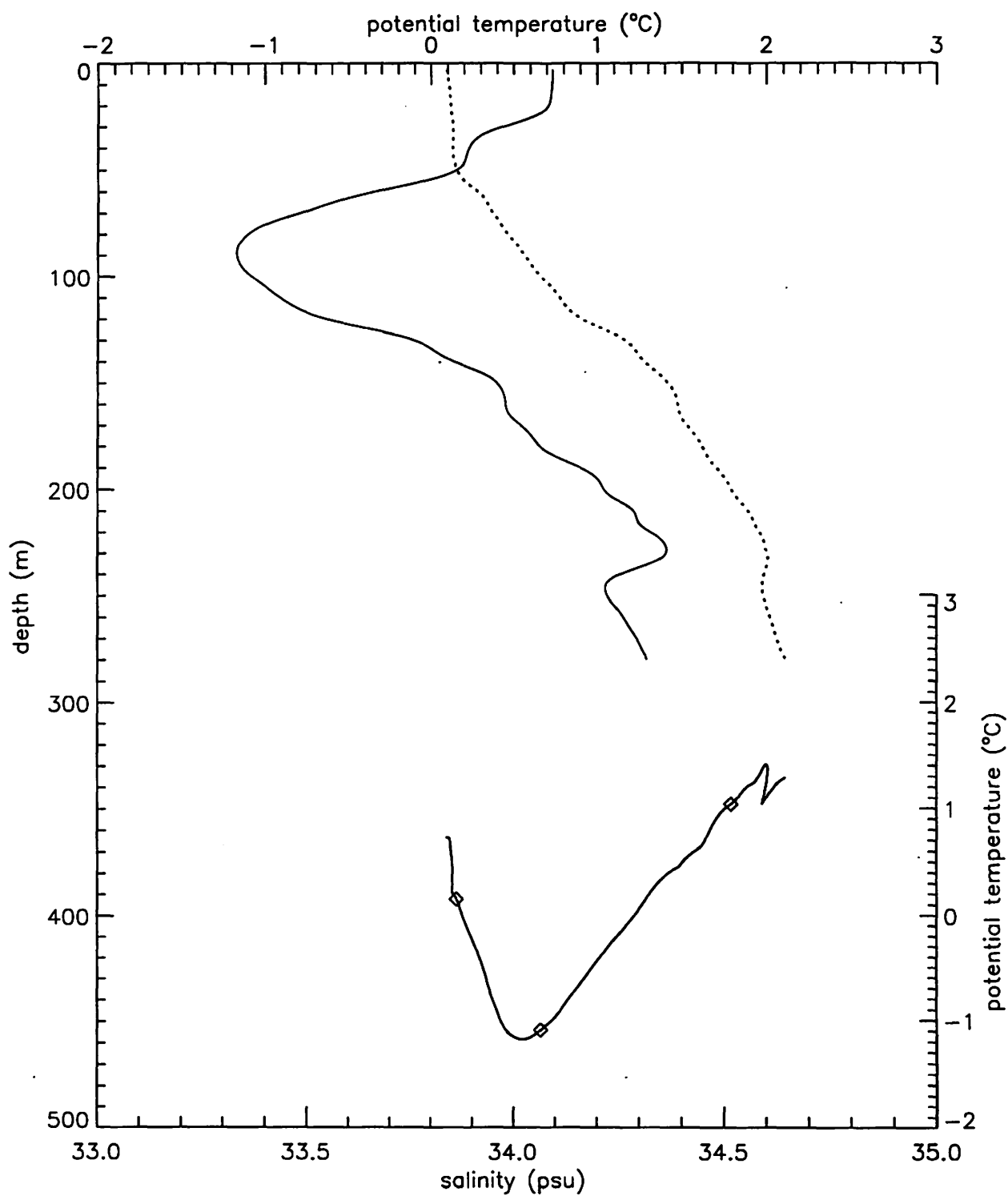
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.965	0.965	33.859	27.130	0.0018	4.03e-07
10	0.964	0.963	33.860	27.131	0.0065	2.42e-07
20	0.953	0.952	33.859	27.131	0.0157	1.02e-05
30	0.636	0.635	33.871	27.160	0.0248	2.77e-05
40	0.447	0.445	33.869	27.170	0.0337	0.00e+00
50	0.379	0.377	33.867	27.172	0.0426	7.45e-06
60	0.188	0.185	33.869	27.184	0.0514	1.88e-05
70	-0.117	-0.119	33.890	27.216	0.0600	4.61e-05
80	-0.558	-0.561	33.930	27.269	0.0681	5.02e-05
90	-0.942	-0.945	33.971	27.317	0.0758	3.84e-05
100	-1.163	-1.165	33.999	27.348	0.0831	3.33e-05
110	-1.201	-1.204	34.044	27.386	0.0900	3.99e-05
120	-0.916	-0.919	34.116	27.434	0.0966	3.83e-05
130	-0.700	-0.704	34.166	27.466	0.1027	3.35e-05
140	-0.484	-0.489	34.215	27.496	0.1086	1.32e-05
150	-0.396	-0.401	34.233	27.507	0.1143	1.35e-05
160	-0.296	-0.301	34.256	27.521	0.1199	1.24e-05
180	0.241	0.234	34.370	27.585	0.1304	2.86e-05
200	0.650	0.641	34.466	27.639	0.1398	2.05e-05
220	0.915	0.905	34.527	27.671	0.1483	6.50e-06
240	1.017	1.006	34.555	27.687	0.1565	5.95e-06
260	1.166	1.154	34.589	27.705	0.1644	1.10e-05
280	1.290	1.276	34.629	27.728	0.1719	1.08e-05
300	1.419	1.404	34.667	27.750	0.1790	4.50e-06
320	1.444	1.428	34.678	27.757	0.1859	3.95e-06
340	1.483	1.466	34.687	27.761	0.1927	1.28e-06
360	1.482	1.463	34.688	27.762	0.1995	2.43e-07



LTER 93a	Station: 500.160 (137)	JulianDay: 13	GMT: 0728
	Latitude: 64° 51.61' S	Longitude: 67° 41.78' W	Depth: 296 m

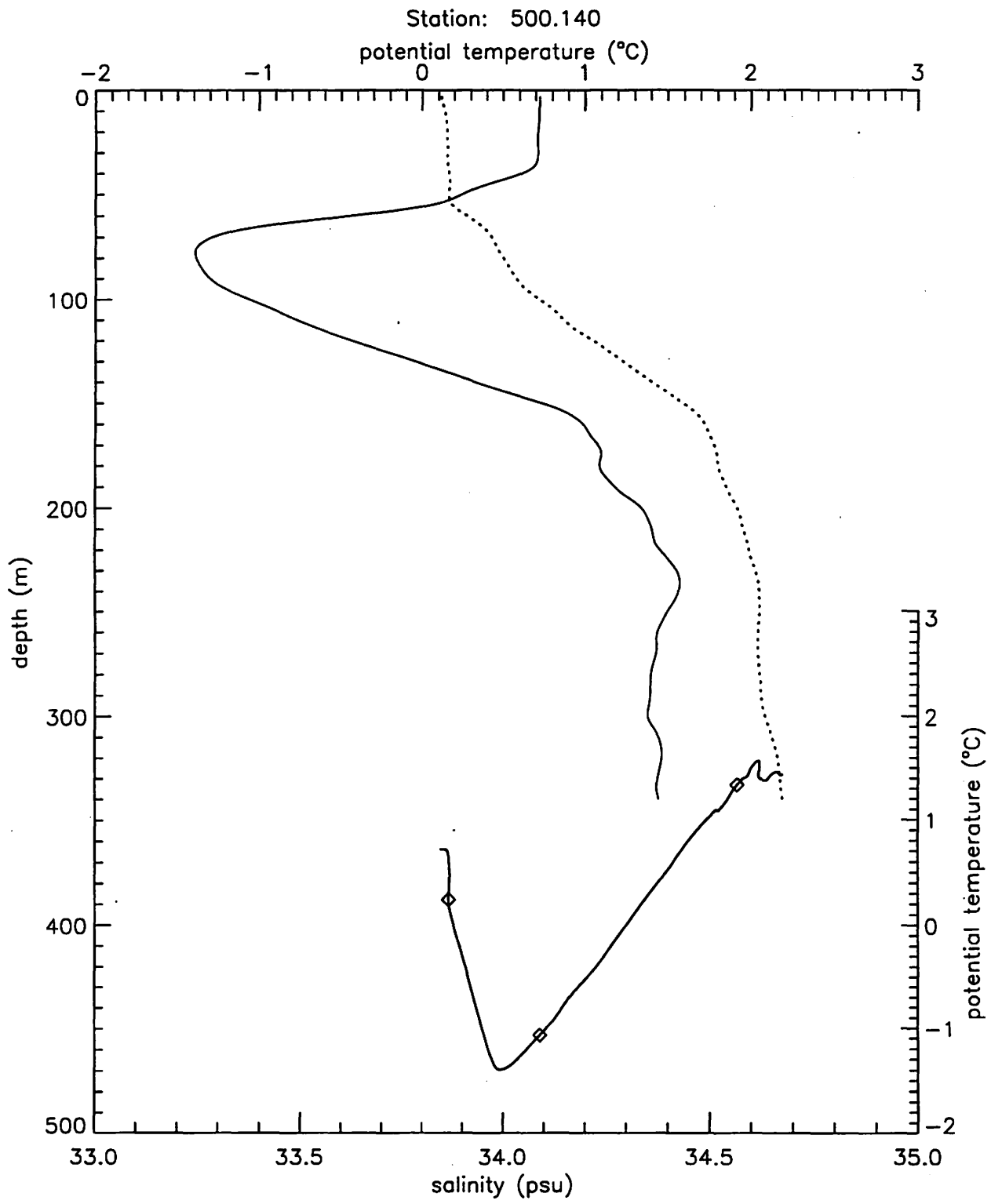
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.733	0.733	33.839	27.128	0.0019	5.45e-06
10	0.732	0.731	33.843	27.131	0.0065	5.08e-06
20	0.710	0.709	33.847	27.136	0.0157	8.96e-06
30	0.433	0.432	33.853	27.157	0.0248	2.19e-05
40	0.231	0.229	33.852	27.168	0.0337	4.96e-06
50	0.157	0.155	33.862	27.180	0.0426	3.37e-05
60	-0.342	-0.343	33.913	27.245	0.0511	6.77e-05
70	-0.788	-0.790	33.950	27.294	0.0589	4.12e-05
80	-1.098	-1.100	33.987	27.336	0.0664	3.82e-05
90	-1.164	-1.166	34.027	27.371	0.0735	2.77e-05
100	-1.079	-1.082	34.066	27.399	0.0802	3.10e-05
110	-0.906	-0.909	34.112	27.430	0.0867	2.19e-05
120	-0.629	-0.632	34.163	27.461	0.0930	4.75e-05
130	-0.100	-0.104	34.267	27.520	0.0988	3.87e-05
140	0.143	0.137	34.313	27.544	0.1042	2.46e-05
150	0.407	0.401	34.369	27.575	0.1094	2.35e-05
160	0.460	0.453	34.391	27.590	0.1143	7.04e-06
180	0.670	0.662	34.449	27.624	0.1239	1.32e-05
200	1.053	1.044	34.517	27.654	0.1328	1.75e-05
220	1.329	1.319	34.584	27.689	0.1411	8.80e-06
240	1.153	1.141	34.595	27.710	0.1490	9.59e-06
260	1.168	1.155	34.608	27.720	0.1566	6.86e-06
280	1.309	1.295	34.644	27.739	0.1639	4.25e-06

Station: 500.160



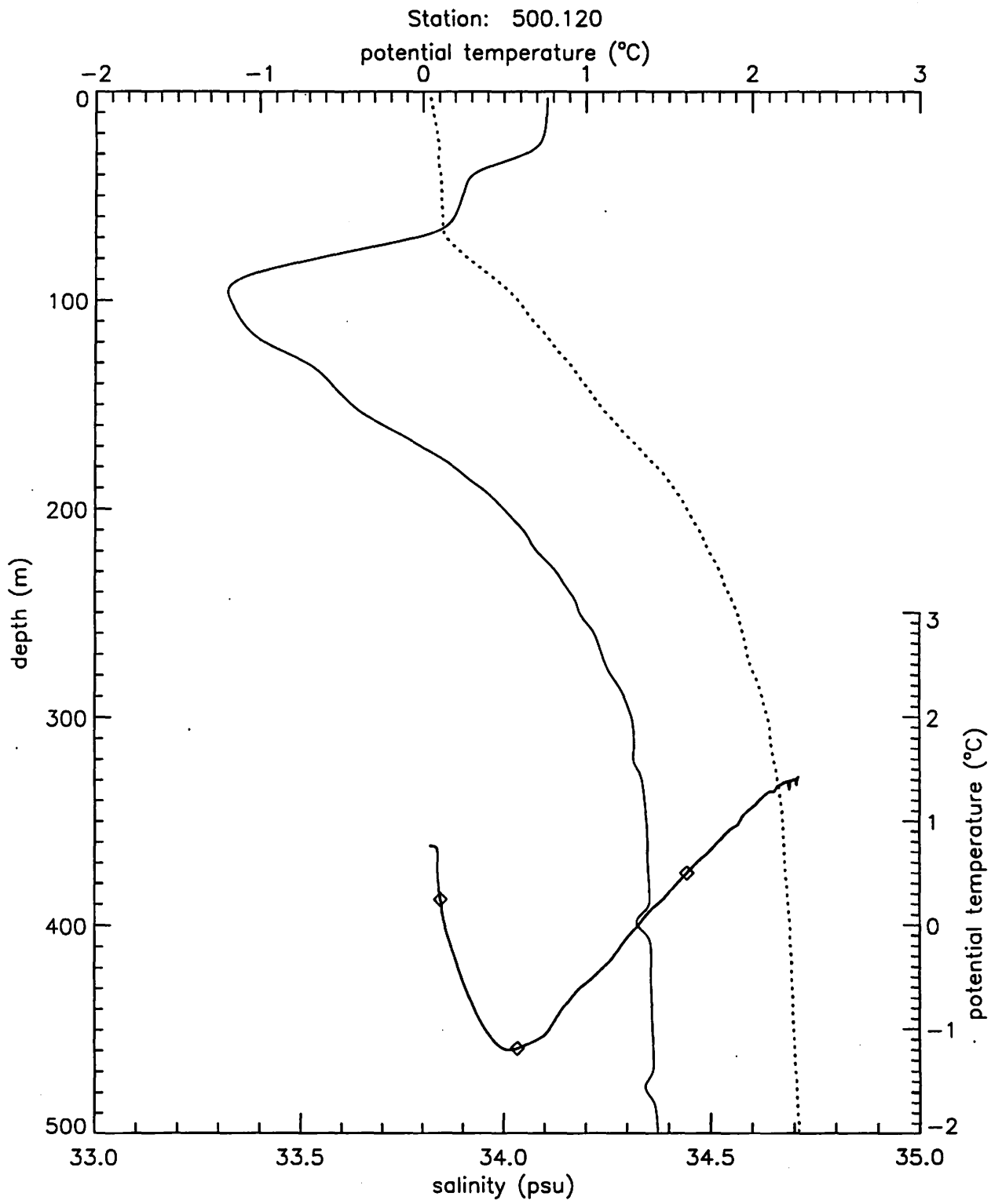
LTER 93a Station: 500.140 (144) JulianDay: 13 GMT: 1112
 Latitude: 64° 59.13' S Longitude: 67° 23.57' W Depth: 358 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.724	0.724	33.848	27.136	0.0018	8.27e-06
10	0.722	0.722	33.856	27.143	0.0064	9.56e-06
20	0.715	0.714	33.862	27.148	0.0155	2.00e-06
30	0.716	0.714	33.863	27.149	0.0246	2.00e-06
40	0.616	0.614	33.867	27.158	0.0336	2.06e-05
50	0.248	0.246	33.867	27.178	0.0425	2.36e-05
60	-0.435	-0.437	33.911	27.247	0.0510	1.04e-04
70	-1.283	-1.284	33.972	27.330	0.0587	4.18e-05
80	-1.381	-1.383	34.002	27.357	0.0659	2.41e-05
90	-1.298	-1.300	34.033	27.380	0.0728	2.55e-05
100	-1.057	-1.059	34.091	27.419	0.0795	4.25e-05
110	-0.768	-0.772	34.149	27.455	0.0858	3.10e-05
120	-0.431	-0.435	34.220	27.498	0.0917	4.15e-05
130	-0.033	-0.038	34.293	27.537	0.0972	3.44e-05
140	0.340	0.335	34.363	27.574	0.1025	3.43e-05
150	0.748	0.742	34.438	27.610	0.1073	2.94e-05
160	0.995	0.988	34.488	27.635	0.1119	1.46e-05
180	1.096	1.088	34.520	27.654	0.1207	6.31e-06
200	1.349	1.339	34.566	27.674	0.1292	8.38e-06
220	1.464	1.453	34.594	27.688	0.1374	3.16e-06
240	1.577	1.565	34.619	27.699	0.1454	5.71e-06
260	1.449	1.436	34.616	27.707	0.1532	9.11e-07
280	1.413	1.399	34.620	27.713	0.1609	4.37e-06
300	1.395	1.380	34.633	27.725	0.1685	9.05e-06
320	1.479	1.463	34.663	27.742	0.1758	7.84e-06
340	1.461	1.444	34.674	27.753	0.1828	-2.43e-06



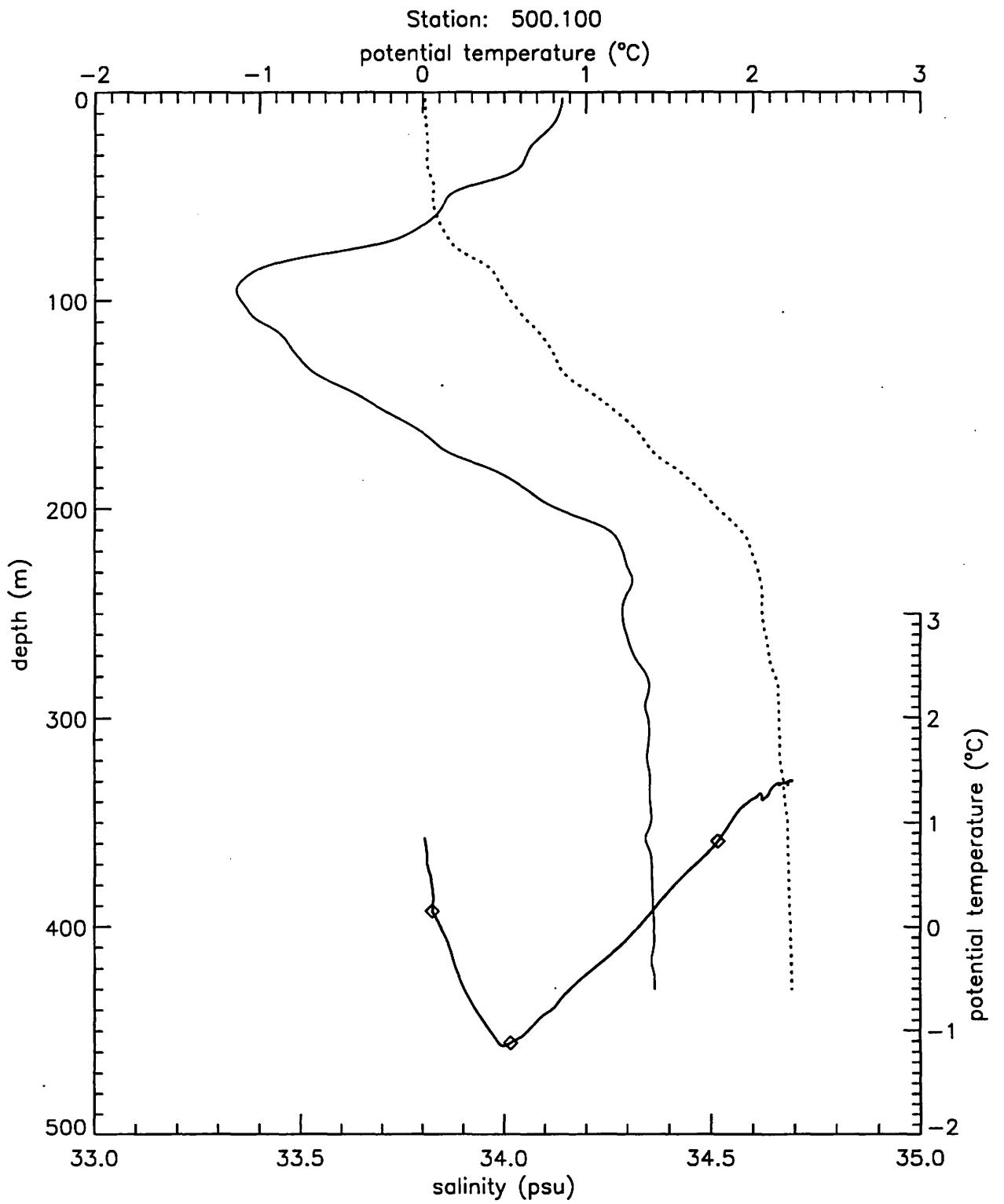
LTER 93a Station: 500.120 (150) JulianDay: 13 GMT: 1512
 Latitude: 65° 6.53' S Longitude: 67° 5.15' W Depth: 673 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.764	0.764	33.820	27.111	0.0019	8.27e-06
10	0.761	0.760	33.825	27.116	0.0066	8.23e-06
20	0.746	0.745	33.834	27.124	0.0159	7.81e-06
30	0.622	0.621	33.838	27.134	0.0252	1.62e-05
40	0.307	0.305	33.843	27.156	0.0343	1.43e-05
50	0.247	0.245	33.845	27.161	0.0433	3.87e-06
60	0.196	0.194	33.848	27.166	0.0522	6.90e-06
70	-0.040	-0.042	33.858	27.187	0.0610	5.01e-05
80	-0.651	-0.654	33.912	27.258	0.0694	7.41e-05
90	-1.122	-1.125	33.980	27.331	0.0770	5.96e-05
100	-1.177	-1.180	34.034	27.377	0.0841	3.19e-05
110	-1.108	-1.111	34.073	27.406	0.0908	3.10e-05
120	-0.969	-0.972	34.115	27.435	0.0972	2.16e-05
130	-0.713	-0.717	34.160	27.461	0.1034	2.33e-05
140	-0.561	-0.566	34.196	27.484	0.1094	2.31e-05
150	-0.435	-0.439	34.233	27.508	0.1151	2.32e-05
160	-0.235	-0.241	34.278	27.535	0.1206	2.37e-05
180	0.204	0.197	34.373	27.589	0.1309	2.62e-05
200	0.509	0.501	34.444	27.629	0.1403	1.41e-05
220	0.711	0.702	34.496	27.659	0.1491	1.36e-05
240	0.917	0.906	34.543	27.684	0.1574	1.15e-05
260	1.064	1.052	34.578	27.702	0.1653	4.31e-06
280	1.169	1.156	34.606	27.718	0.1729	1.00e-05
300	1.293	1.278	34.637	27.734	0.1803	7.72e-06
320	1.303	1.288	34.651	27.745	0.1874	6.38e-06
340	1.372	1.355	34.667	27.754	0.1944	3.65e-06
360	1.391	1.373	34.676	27.759	0.2013	1.52e-06
380	1.403	1.383	34.682	27.763	0.2081	3.34e-06
400	1.331	1.311	34.689	27.774	0.2147	-1.03e-06
420	1.414	1.393	34.693	27.772	0.2214	7.30e-07
440	1.422	1.399	34.696	27.774	0.2280	1.28e-06
460	1.432	1.408	34.701	27.777	0.2346	1.28e-06
480	1.396	1.371	34.707	27.784	0.2411	-1.03e-06



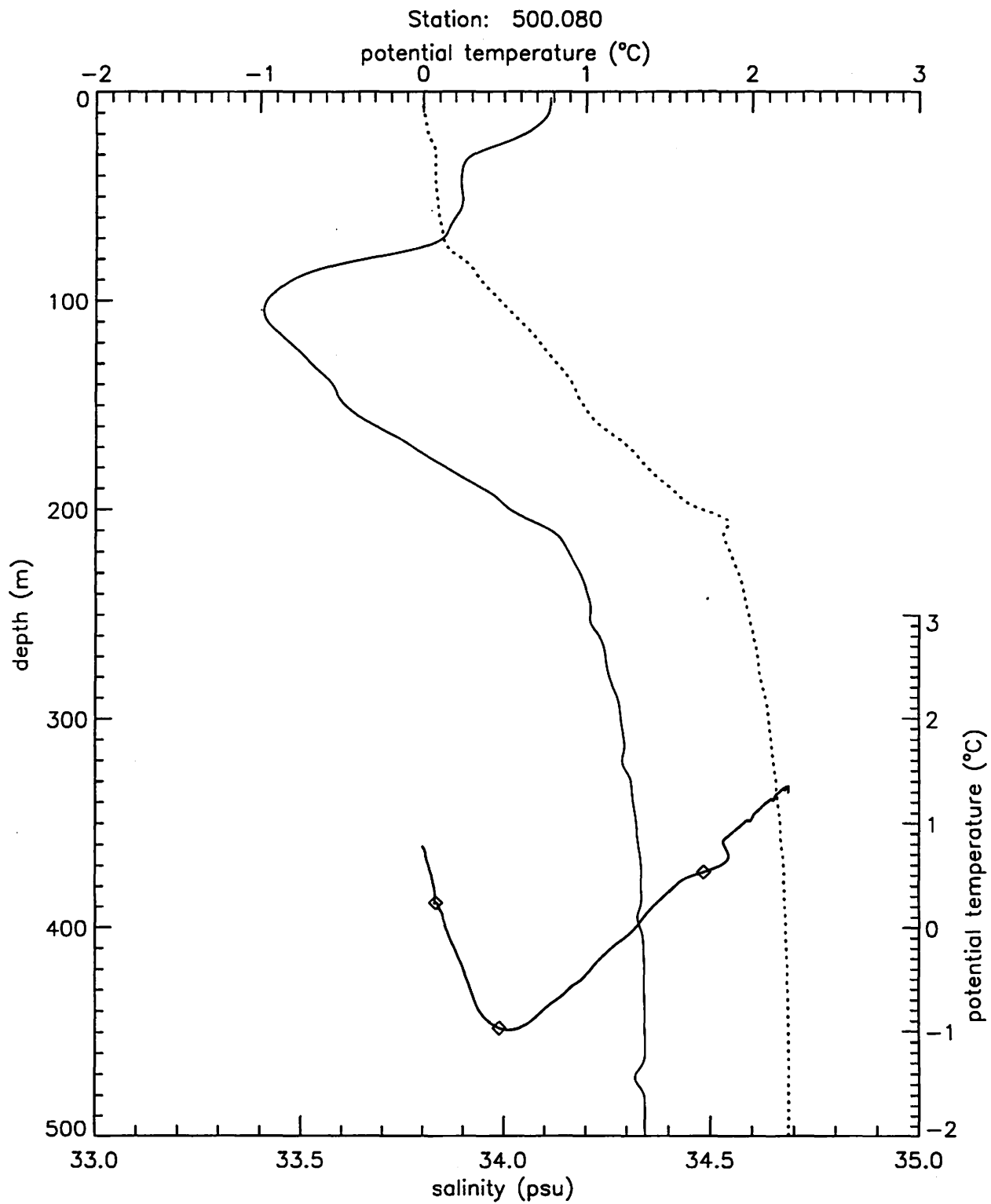
LTER 93a Station: 500.100 (154) JulianDay: 13 GMT: 1914
Latitude: 65° 14.02' S Longitude: 66° 46.59' W Depth: 434 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.852	0.852	33.806	27.094	0.0019	3.43e-06
10	0.837	0.837	33.806	27.096	0.0067	4.48e-06
20	0.742	0.741	33.810	27.105	0.0162	1.00e-05
30	0.637	0.636	33.811	27.111	0.0257	3.75e-06
40	0.502	0.501	33.819	27.126	0.0351	3.05e-05
50	0.155	0.153	33.824	27.149	0.0442	9.20e-06
60	0.068	0.066	33.836	27.163	0.0532	2.20e-05
70	-0.143	-0.146	33.862	27.195	0.0620	4.66e-05
80	-0.782	-0.784	33.929	27.277	0.0703	9.09e-05
90	-1.099	-1.102	33.985	27.334	0.0778	2.84e-05
100	-1.109	-1.111	34.016	27.360	0.0849	2.75e-05
110	-0.990	-0.993	34.060	27.391	0.0918	3.04e-05
120	-0.824	-0.828	34.104	27.421	0.0984	2.38e-05
130	-0.723	-0.727	34.132	27.439	0.1047	1.53e-05
140	-0.520	-0.524	34.181	27.470	0.1109	4.40e-05
150	-0.285	-0.290	34.254	27.518	0.1166	3.95e-05
160	-0.053	-0.059	34.313	27.555	0.1220	2.68e-05
180	0.405	0.397	34.412	27.610	0.1320	3.47e-05
200	0.834	0.826	34.517	27.669	0.1408	2.09e-05
220	1.232	1.222	34.597	27.706	0.1488	1.04e-05
240	1.263	1.251	34.622	27.725	0.1563	6.25e-06
260	1.257	1.244	34.630	27.732	0.1636	5.83e-06
280	1.382	1.368	34.654	27.742	0.1708	8.32e-06
300	1.390	1.375	34.663	27.749	0.1778	-1.58e-06
320	1.385	1.370	34.665	27.751	0.1848	2.49e-06
340	1.403	1.386	34.677	27.759	0.1916	3.16e-06
360	1.384	1.366	34.684	27.766	0.1984	-8.51e-07
380	1.419	1.400	34.686	27.766	0.2051	1.22e-06
400	1.430	1.410	34.690	27.768	0.2118	5.47e-07
420	1.421	1.400	34.692	27.770	0.2185	-7.30e-07



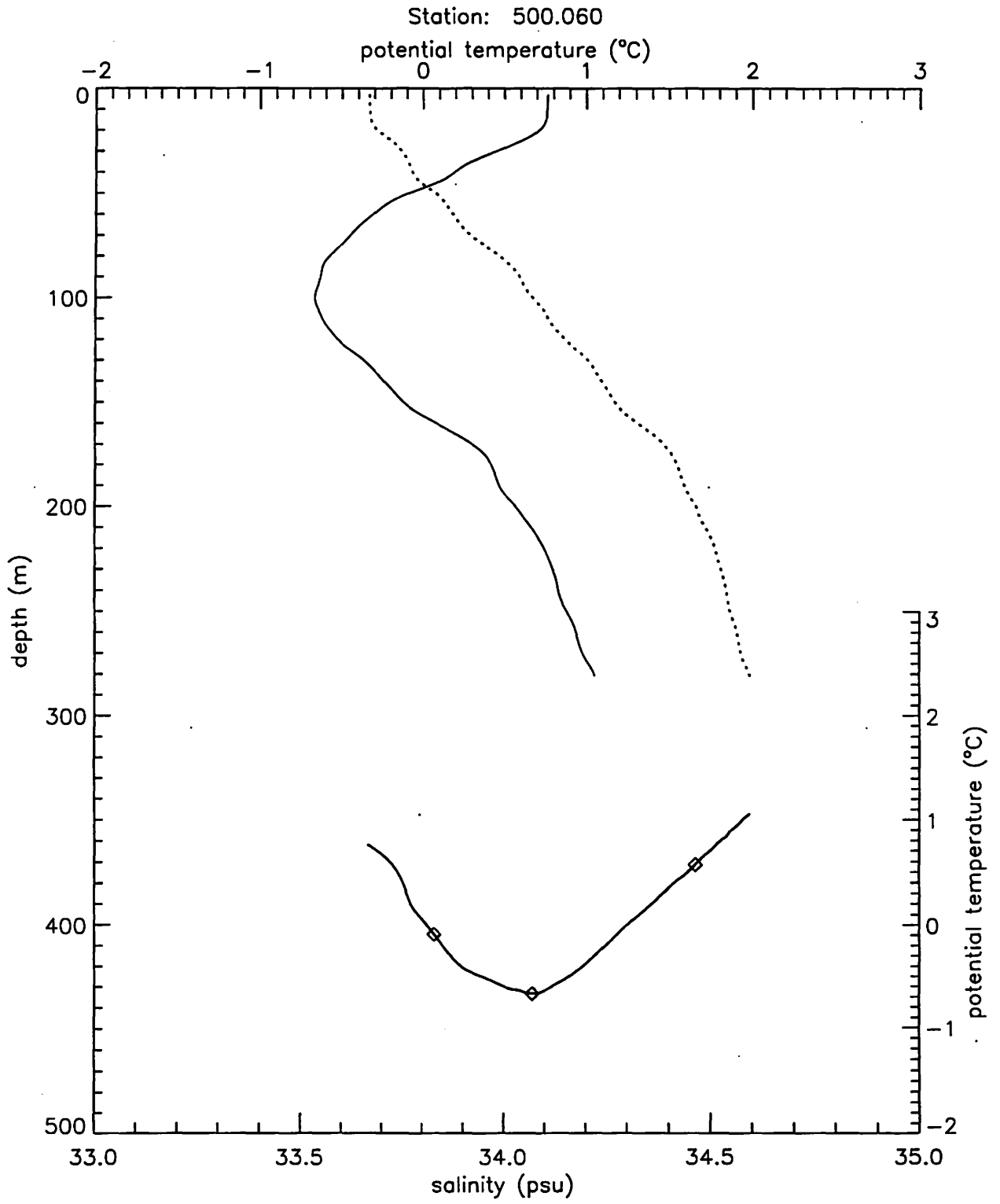
LTER 93a Station: 500.080 (162) JulianDay: 13 GMT: 2344
 Latitude: 65° 21.17' S Longitude: 66° 28.06' W Depth: 735 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.782	0.782	33.799	27.093	0.0019	4.03e-07
10	0.772	0.772	33.801	27.096	0.0067	8.96e-06
20	0.631	0.630	33.811	27.112	0.0162	2.69e-05
30	0.312	0.311	33.830	27.145	0.0255	1.71e-05
40	0.237	0.236	33.829	27.149	0.0345	1.51e-06
50	0.243	0.242	33.832	27.151	0.0436	4.48e-06
60	0.202	0.200	33.839	27.159	0.0526	1.01e-05
70	0.121	0.119	33.849	27.171	0.0615	2.43e-05
80	-0.353	-0.356	33.897	27.233	0.0701	7.63e-05
90	-0.801	-0.804	33.942	27.288	0.0781	4.17e-05
100	-0.957	-0.959	33.990	27.333	0.0856	4.30e-05
110	-0.952	-0.955	34.041	27.374	0.0927	3.70e-05
120	-0.818	-0.821	34.088	27.407	0.0994	2.67e-05
130	-0.686	-0.690	34.130	27.436	0.1058	2.72e-05
140	-0.555	-0.560	34.168	27.461	0.1120	1.83e-05
150	-0.477	-0.481	34.195	27.479	0.1180	1.89e-05
160	-0.287	-0.292	34.237	27.505	0.1238	3.47e-05
180	0.153	0.146	34.350	27.574	0.1344	2.49e-05
200	0.547	0.538	34.484	27.659	0.1438	7.05e-05
220	0.904	0.894	34.547	27.688	0.1519	1.15e-05
240	1.022	1.011	34.581	27.708	0.1597	6.01e-06
260	1.091	1.079	34.603	27.721	0.1672	4.01e-06
280	1.155	1.142	34.619	27.730	0.1745	4.98e-06
300	1.227	1.212	34.639	27.741	0.1817	1.88e-06
320	1.237	1.221	34.650	27.749	0.1888	4.01e-06
340	1.303	1.287	34.661	27.754	0.1957	2.67e-06
360	1.336	1.318	34.670	27.758	0.2025	2.55e-06
380	1.355	1.336	34.676	27.762	0.2093	6.08e-07
400	1.350	1.330	34.680	27.766	0.2161	-1.09e-06
420	1.374	1.353	34.684	27.767	0.2228	6.69e-07
440	1.378	1.356	34.686	27.769	0.2295	6.08e-07
460	1.382	1.359	34.687	27.769	0.2362	1.10e-06
480	1.378	1.354	34.687	27.770	0.2429	-3.10e-06
500	1.384	1.359	34.687	27.769	0.2496	0.00e+00



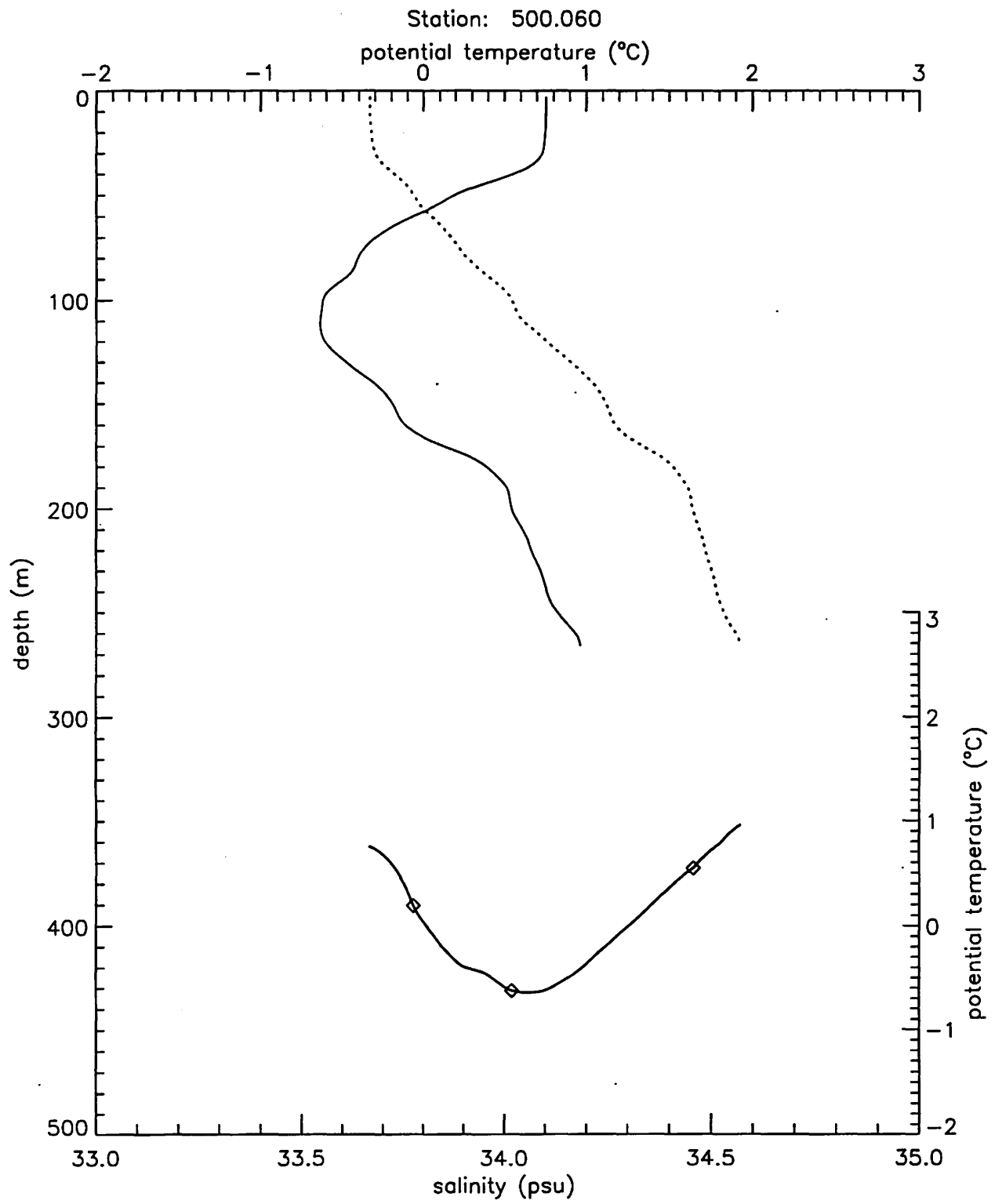
LTER 93a Station: 500.060 (176) JulianDay: 14 GMT: 0919
 Latitude: 65° 28.86' S Longitude: 66° 9.05' W Depth: 289 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.762	0.762	33.667	26.988	0.0021	4.03e-07
10	0.760	0.759	33.668	26.989	0.0074	2.84e-06
20	0.715	0.714	33.686	27.006	0.0180	4.74e-05
30	0.455	0.454	33.747	27.070	0.0281	4.94e-05
40	0.195	0.193	33.773	27.106	0.0377	3.61e-05
50	-0.090	-0.091	33.830	27.166	0.0469	6.22e-05
60	-0.306	-0.308	33.873	27.211	0.0556	3.62e-05
70	-0.446	-0.448	33.916	27.252	0.0638	5.31e-05
80	-0.571	-0.573	33.989	27.317	0.0716	5.55e-05
90	-0.628	-0.631	34.038	27.359	0.0788	2.78e-05
100	-0.662	-0.665	34.071	27.387	0.0857	3.27e-05
110	-0.615	-0.618	34.108	27.415	0.0924	2.12e-05
120	-0.522	-0.526	34.150	27.445	0.0987	3.46e-05
130	-0.361	-0.365	34.205	27.482	0.1048	2.77e-05
140	-0.234	-0.239	34.238	27.503	0.1106	1.95e-05
150	-0.114	-0.120	34.270	27.523	0.1162	2.20e-05
160	0.087	0.081	34.325	27.557	0.1215	3.86e-05
180	0.430	0.423	34.420	27.615	0.1313	1.24e-05
200	0.581	0.573	34.465	27.642	0.1404	1.27e-05
220	0.756	0.747	34.511	27.669	0.1490	8.13e-06
240	0.844	0.834	34.538	27.685	0.1572	4.86e-06
260	0.953	0.942	34.563	27.698	0.1652	6.68e-06
280	1.065	1.052	34.593	27.715	0.1729	9.11e-06



LTER 93a Station: 500.060 (177) JulianDay: 14 GMT: 0758
 Latitude: 65° 28.93' S Longitude: 66° 8.98' W Depth: 289 m

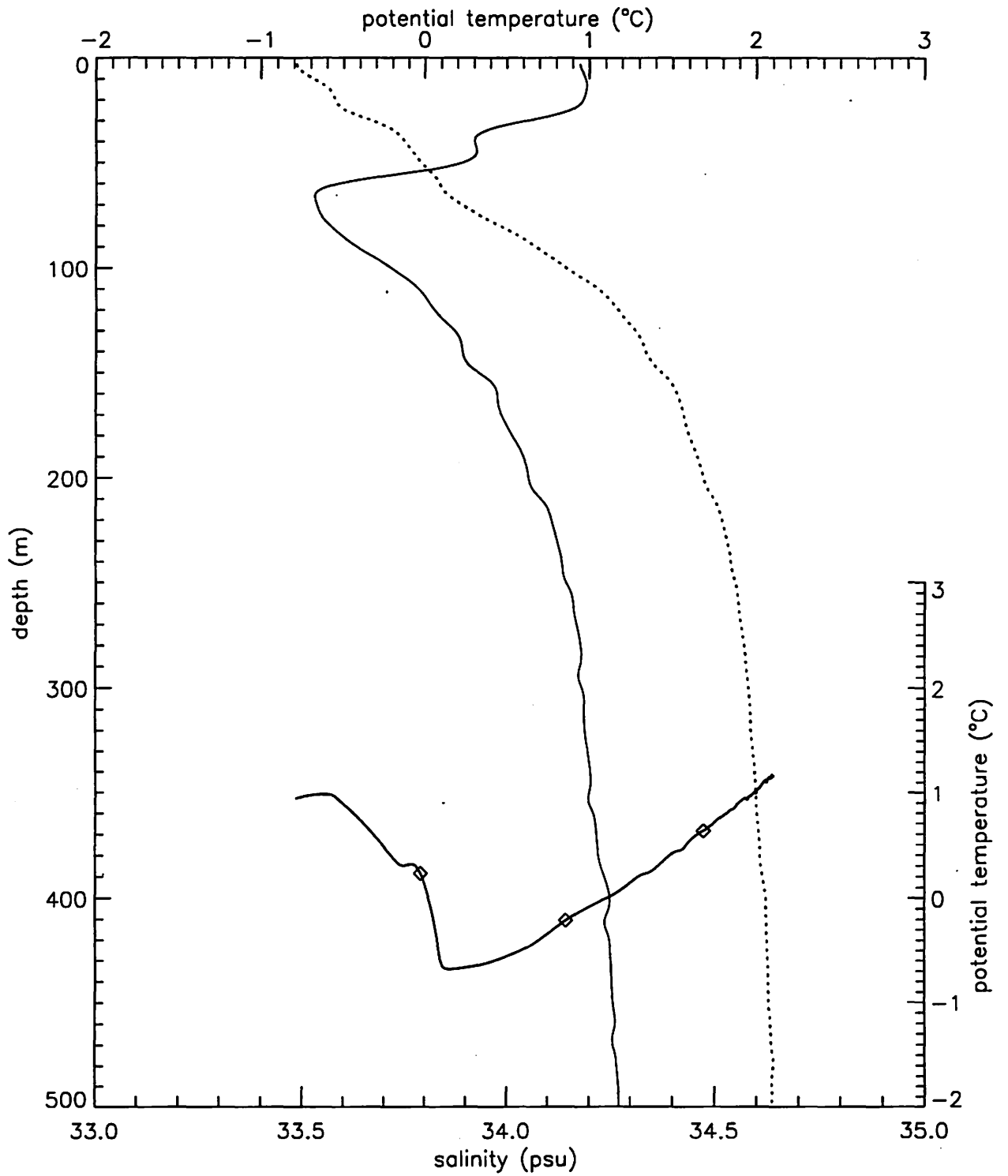
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.755	0.755	33.667	26.989	0.0021	-4.03e-07
10	0.757	0.757	33.667	26.989	0.0074	1.63e-06
20	0.752	0.752	33.671	26.992	0.0180	3.87e-06
30	0.734	0.733	33.681	27.001	0.0285	2.48e-05
40	0.554	0.552	33.729	27.051	0.0388	6.20e-05
50	0.197	0.195	33.775	27.107	0.0485	4.31e-05
60	-0.060	-0.062	33.820	27.157	0.0577	5.43e-05
70	-0.291	-0.294	33.870	27.208	0.0664	4.13e-05
80	-0.401	-0.403	33.910	27.246	0.0747	4.11e-05
90	-0.490	-0.493	33.969	27.297	0.0826	5.40e-05
100	-0.616	-0.619	34.019	27.343	0.0900	2.62e-05
110	-0.632	-0.636	34.047	27.367	0.0971	3.60e-05
120	-0.606	-0.609	34.104	27.412	0.1039	4.07e-05
130	-0.473	-0.477	34.163	27.454	0.1102	3.78e-05
140	-0.303	-0.307	34.216	27.488	0.1162	2.64e-05
150	-0.184	-0.189	34.249	27.510	0.1219	1.47e-05
160	-0.107	-0.113	34.271	27.523	0.1275	2.14e-05
180	0.405	0.397	34.411	27.609	0.1377	2.73e-05
200	0.557	0.548	34.458	27.638	0.1468	6.68e-06
220	0.677	0.668	34.487	27.654	0.1556	6.98e-06
240	0.773	0.763	34.514	27.670	0.1640	7.29e-06
260	0.947	0.935	34.560	27.696	0.1722	1.41e-05



LTER 93a Station: 600.040 (193) JulianDay: 15 GMT: 0925
 Latitude: 64° 56.05' S Longitude: 64° 24.07' W Depth: 1465 m

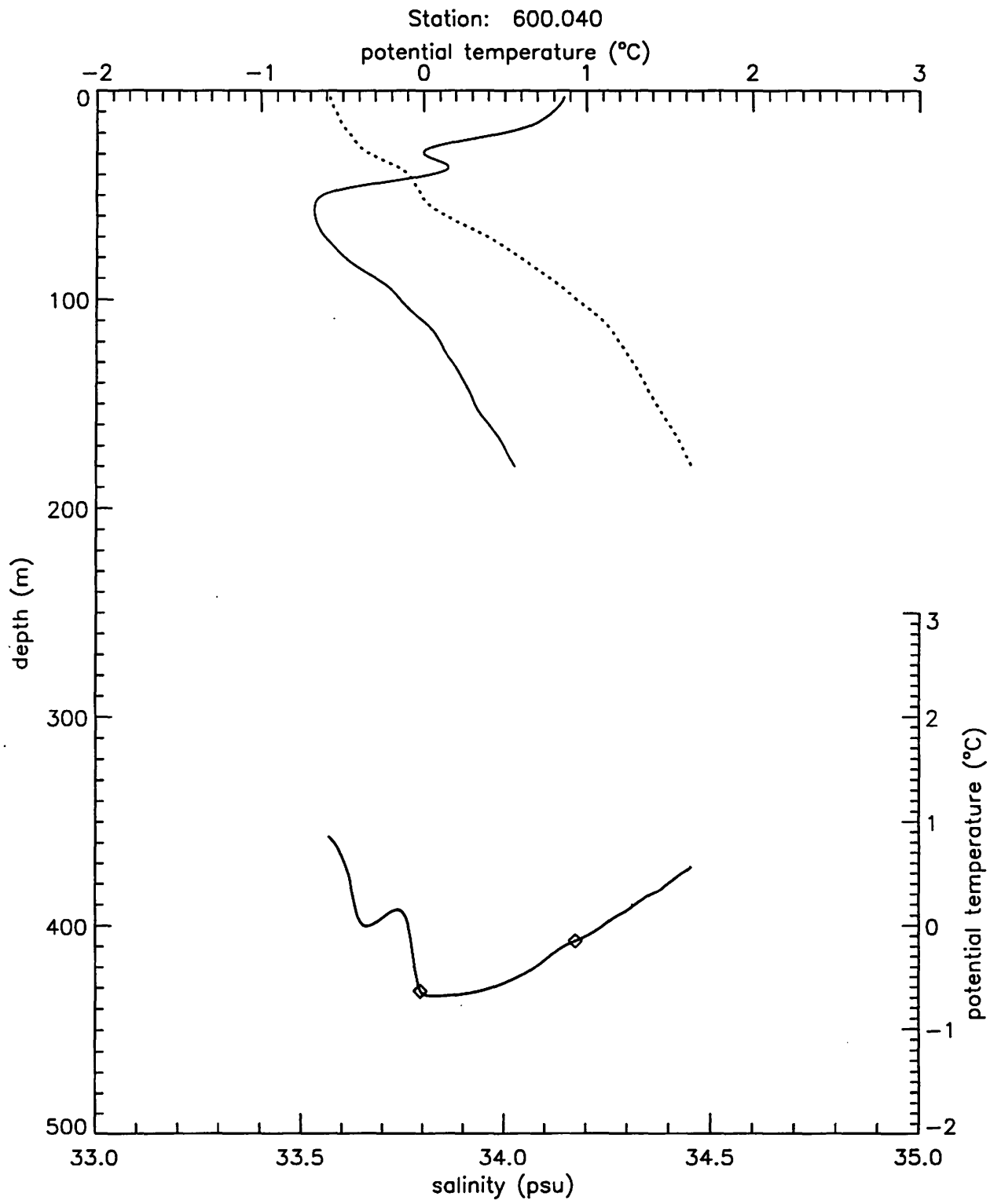
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.950	0.950	33.490	26.835	0.0024	2.58e-05
10	0.980	0.979	33.527	26.862	0.0084	5.69e-05
20	0.965	0.964	33.580	26.906	0.0199	3.57e-05
30	0.620	0.619	33.670	26.999	0.0310	1.23e-04
40	0.305	0.303	33.750	27.081	0.0409	3.73e-05
50	0.233	0.232	33.790	27.117	0.0505	5.82e-05
60	-0.522	-0.524	33.836	27.191	0.0595	5.43e-05
70	-0.662	-0.664	33.889	27.240	0.0679	5.92e-05
80	-0.579	-0.581	33.982	27.311	0.0758	7.05e-05
90	-0.419	-0.422	34.070	27.376	0.0830	5.25e-05
100	-0.206	-0.209	34.145	27.427	0.0896	4.92e-05
110	-0.034	-0.038	34.223	27.481	0.0958	4.37e-05
120	0.062	0.058	34.270	27.514	0.1015	2.55e-05
130	0.188	0.183	34.312	27.541	0.1070	2.29e-05
140	0.235	0.230	34.336	27.558	0.1122	1.67e-05
150	0.335	0.330	34.374	27.583	0.1173	2.72e-05
160	0.448	0.441	34.411	27.606	0.1222	1.42e-05
180	0.541	0.533	34.440	27.624	0.1314	9.47e-06
200	0.641	0.633	34.474	27.646	0.1404	1.04e-05
220	0.781	0.772	34.518	27.672	0.1489	8.32e-06
240	0.847	0.836	34.539	27.685	0.1571	5.59e-06
260	0.916	0.904	34.557	27.696	0.1650	3.10e-06
280	0.962	0.949	34.571	27.704	0.1728	4.37e-06
300	0.970	0.956	34.581	27.711	0.1805	1.58e-06
320	0.990	0.975	34.586	27.715	0.1881	7.90e-07
340	1.025	1.009	34.596	27.720	0.1956	1.70e-06
360	1.045	1.028	34.601	27.723	0.2030	1.82e-07
380	1.076	1.058	34.609	27.727	0.2104	1.52e-06
400	1.146	1.127	34.622	27.733	0.2178	2.61e-06
420	1.144	1.124	34.625	27.736	0.2250	-3.65e-07
440	1.158	1.137	34.628	27.737	0.2323	-3.65e-07
460	1.181	1.158	34.633	27.740	0.2395	3.10e-06
480	1.191	1.167	34.640	27.745	0.2466	-2.37e-06
500	1.207	1.182	34.637	27.741	0.2538	0.00e+00

Station: 600.040



LTER 93a	Station: 600.040 (194)	JulianDay: 15	GMT: 1127
	Latitude: 64° 56.00' S	Longitude: 64° 24.02' W	Depth: 1287 m

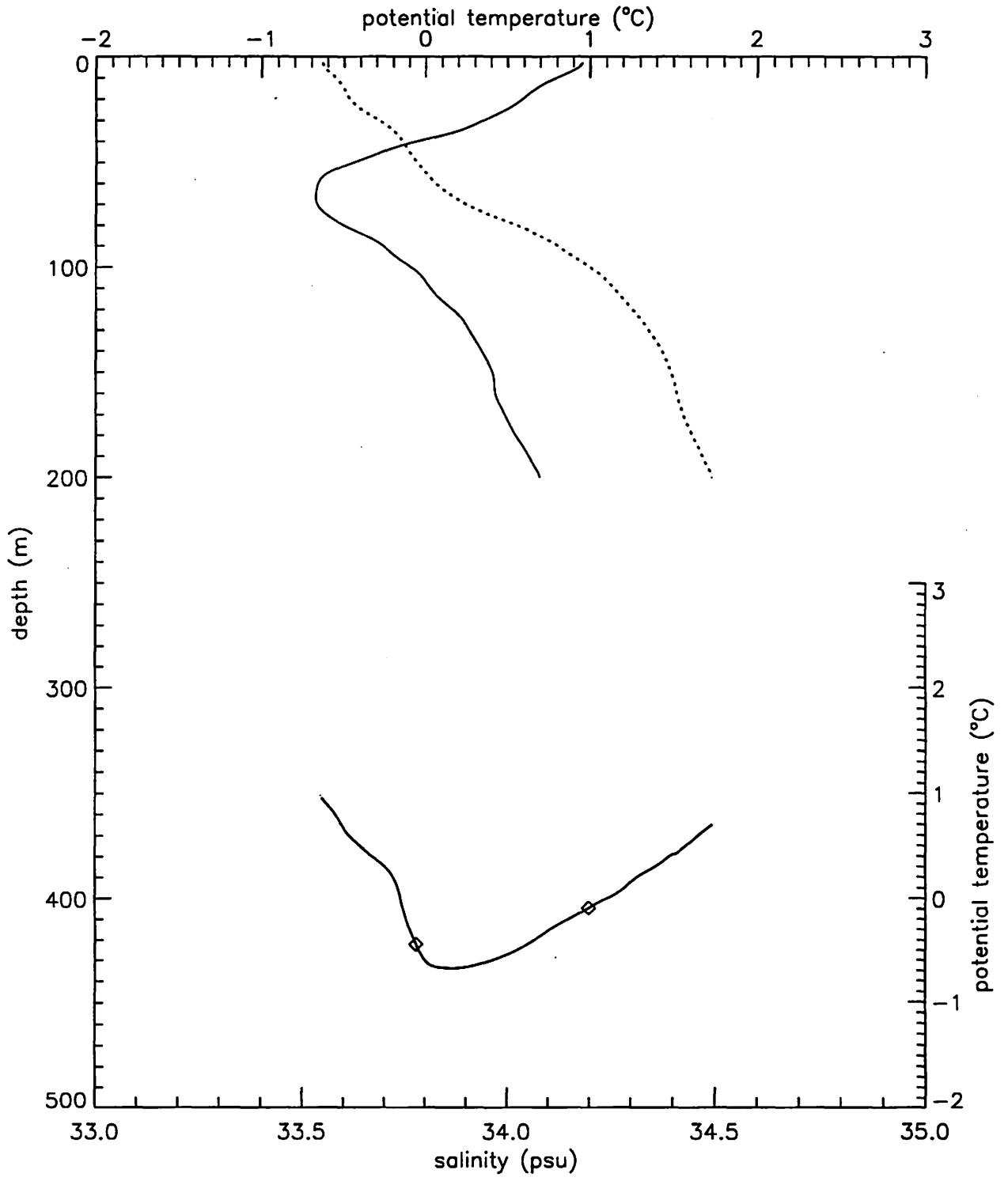
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.853	0.853	33.570	26.905	0.0023	1.41e-05
10	0.794	0.794	33.583	26.918	0.0079	2.91e-05
20	0.499	0.498	33.616	26.962	0.0190	6.00e-05
30	0.001	0.000	33.669	27.032	0.0295	6.95e-05
40	0.034	0.033	33.762	27.105	0.0393	6.72e-05
50	-0.626	-0.628	33.794	27.162	0.0485	4.15e-05
60	-0.669	-0.671	33.857	27.214	0.0572	7.01e-05
70	-0.607	-0.609	33.959	27.294	0.0653	6.96e-05
80	-0.485	-0.488	34.038	27.353	0.0727	5.08e-05
90	-0.291	-0.294	34.113	27.404	0.0795	4.50e-05
100	-0.143	-0.146	34.176	27.449	0.0859	4.37e-05
110	-0.003	-0.007	34.240	27.493	0.0919	3.29e-05
120	0.105	0.101	34.279	27.519	0.0976	2.30e-05
130	0.187	0.182	34.313	27.542	0.1030	1.84e-05
140	0.263	0.258	34.341	27.560	0.1083	1.76e-05
150	0.325	0.319	34.370	27.580	0.1134	1.96e-05
160	0.414	0.408	34.401	27.600	0.1182	1.86e-05
180	0.575	0.567	34.454	27.634	0.1275	-2.13e-03



LTER 93a	Station: 600.040 (197)	JulianDay: 15	GMT: 1328
	Latitude: 64° 56.03' S	Longitude: 64° 23.89' W	Depth: 1299 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.933	0.933	33.552	26.885	0.0023	3.41e-05
10	0.803	0.803	33.579	26.915	0.0080	5.14e-05
20	0.595	0.594	33.614	26.955	0.0191	4.37e-05
30	0.358	0.357	33.684	27.026	0.0297	7.67e-05
40	-0.054	-0.055	33.743	27.094	0.0396	5.24e-05
50	-0.439	-0.440	33.778	27.140	0.0489	4.73e-05
60	-0.656	-0.657	33.825	27.187	0.0578	4.60e-05
70	-0.662	-0.664	33.898	27.247	0.0663	7.45e-05
80	-0.501	-0.504	34.022	27.341	0.0739	8.43e-05
90	-0.259	-0.262	34.121	27.409	0.0808	5.40e-05
100	-0.088	-0.091	34.199	27.465	0.0872	5.04e-05
110	0.033	0.029	34.258	27.505	0.0930	3.02e-05
120	0.167	0.162	34.302	27.534	0.0985	2.71e-05
130	0.273	0.268	34.343	27.562	0.1038	2.26e-05
140	0.350	0.344	34.374	27.582	0.1089	1.59e-05
150	0.416	0.411	34.396	27.596	0.1138	1.16e-05
160	0.433	0.427	34.409	27.606	0.1186	7.52e-06
180	0.559	0.551	34.447	27.629	0.1279	1.31e-05
200	0.707	0.698	34.493	27.657	0.1367	5.46e-06

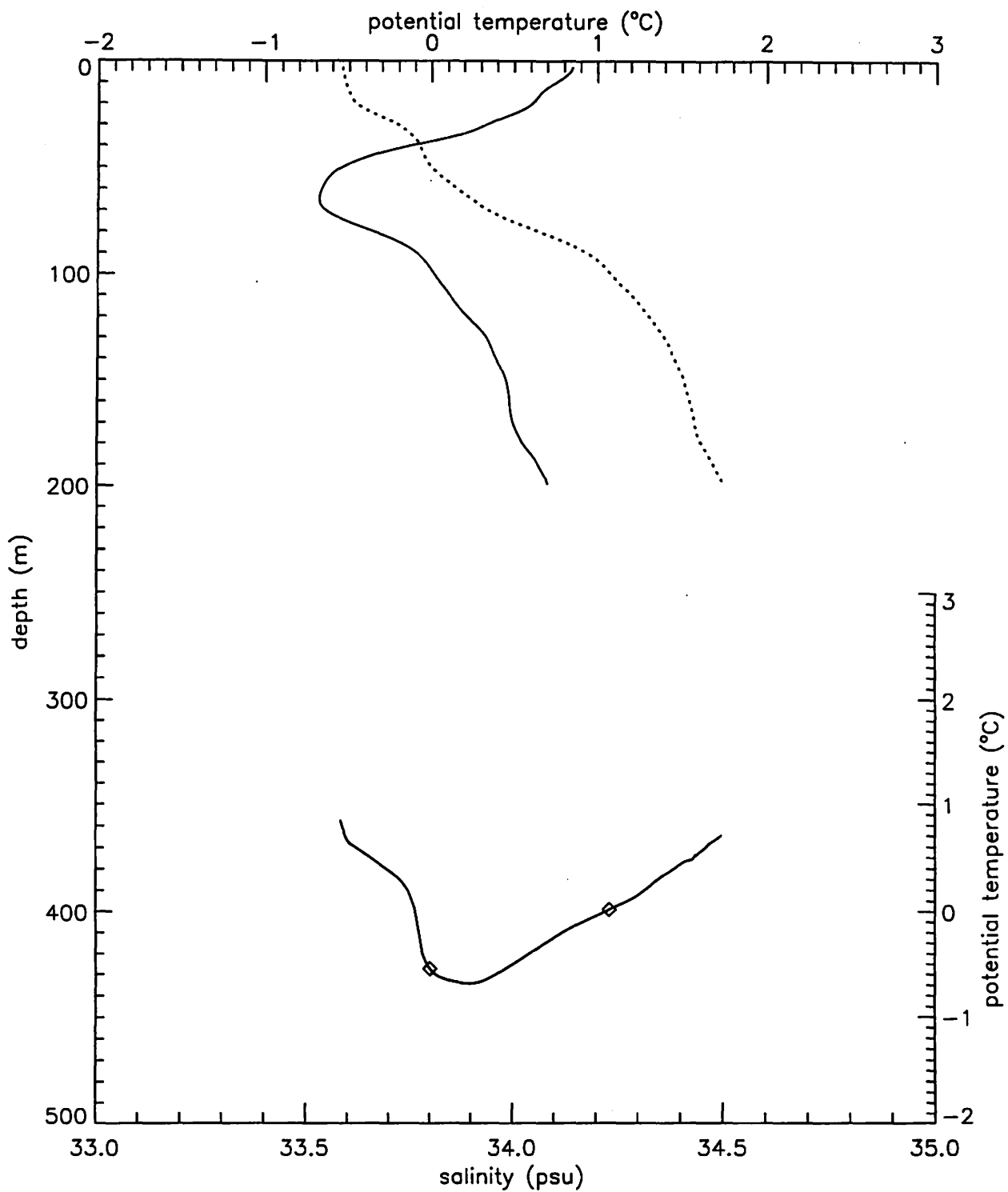
Station: 600.040



LTER 93a	Station: 600.040 (198)	JulianDay: 15	GMT: 1527
	Latitude: 64° 55.99' S	Longitude: 64° 23.92' W	Depth: 1294 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.838	0.838	33.585	26.918	0.0023	1.01e-05
10	0.753	0.753	33.592	26.928	0.0079	2.25e-05
20	0.611	0.610	33.617	26.957	0.0189	5.71e-05
30	0.333	0.332	33.719	27.055	0.0294	8.73e-05
40	-0.135	-0.136	33.771	27.121	0.0390	4.92e-05
50	-0.539	-0.540	33.801	27.163	0.0481	4.71e-05
60	-0.661	-0.663	33.863	27.219	0.0568	5.69e-05
70	-0.641	-0.643	33.938	27.279	0.0649	6.72e-05
80	-0.347	-0.350	34.061	27.365	0.0723	8.65e-05
90	-0.083	-0.086	34.177	27.446	0.0789	5.85e-05
100	0.023	0.019	34.233	27.486	0.0849	3.15e-05
110	0.120	0.116	34.284	27.522	0.0906	3.06e-05
120	0.226	0.221	34.324	27.549	0.0960	2.43e-05
130	0.344	0.339	34.361	27.572	0.1011	1.85e-05
140	0.401	0.395	34.384	27.587	0.1061	1.33e-05
150	0.463	0.457	34.406	27.602	0.1110	1.08e-05
160	0.484	0.478	34.420	27.612	0.1157	9.95e-06
180	0.567	0.560	34.449	27.630	0.1250	1.48e-05

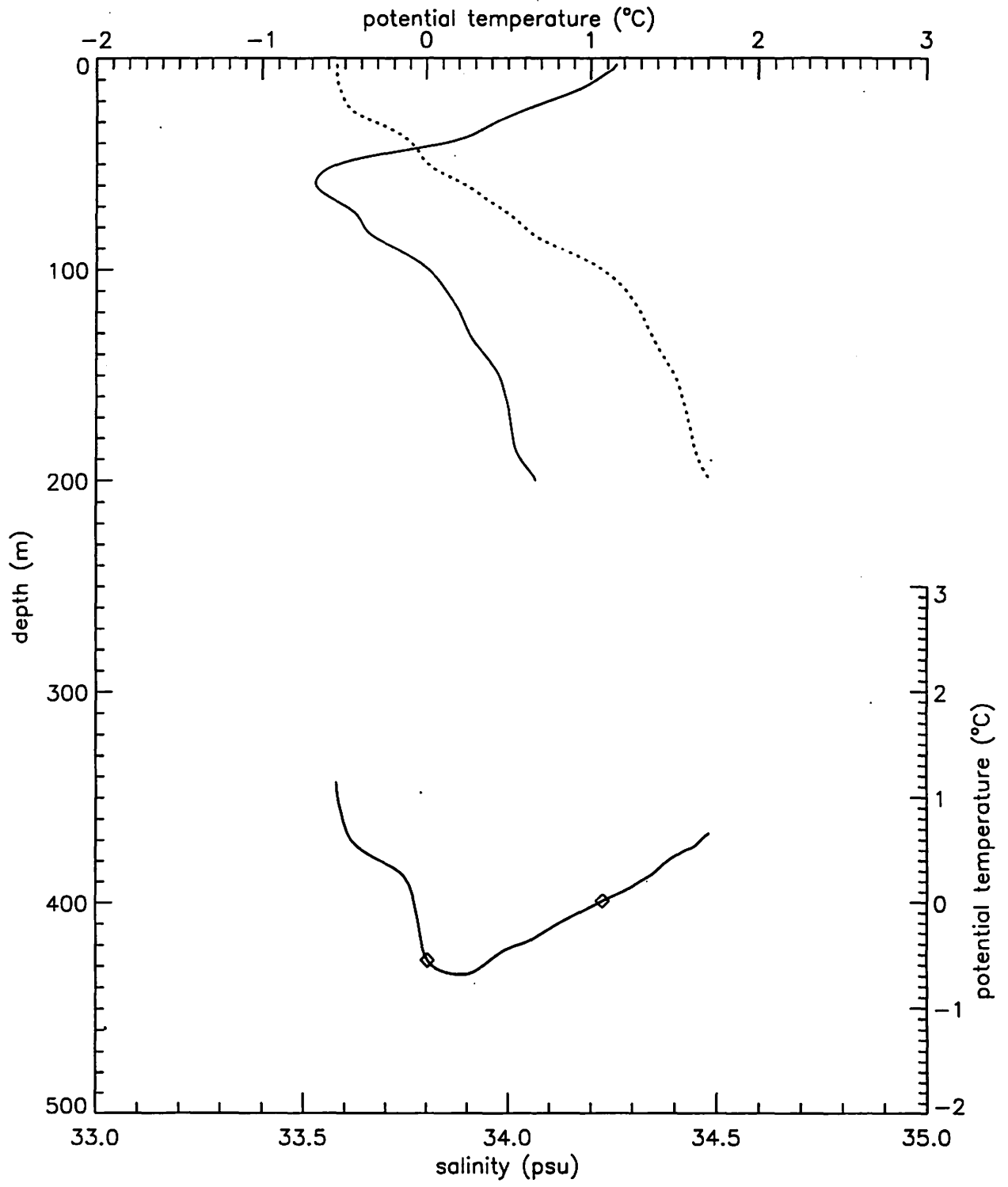
Station: 600.040



LTER 93a	Station: 600.040 (199)	JulianDay: 15	GMT: 1732
	Latitude: 64° 55.98' S	Longitude: 64° 23.91' W	Depth: 1298 m

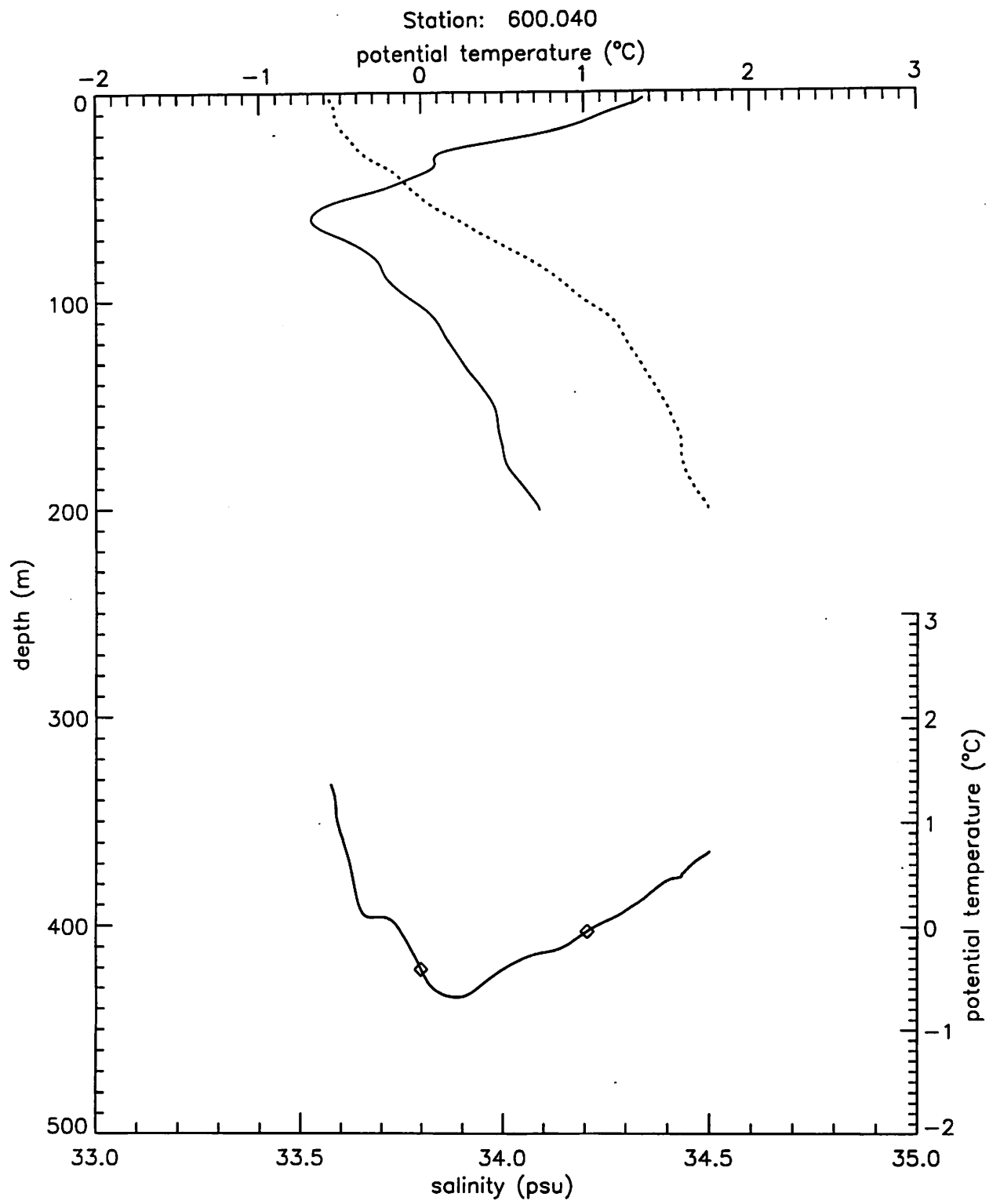
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.133	1.132	33.580	26.896	0.0023	1.07e-05
10	1.038	1.037	33.582	26.903	0.0080	2.00e-05
20	0.747	0.746	33.600	26.935	0.0193	4.37e-05
30	0.431	0.430	33.672	27.012	0.0301	9.83e-05
40	0.112	0.111	33.763	27.102	0.0400	7.09e-05
50	-0.540	-0.542	33.803	27.165	0.0492	6.63e-05
60	-0.673	-0.674	33.898	27.247	0.0577	6.80e-05
70	-0.493	-0.495	33.974	27.302	0.0655	5.01e-05
80	-0.379	-0.381	34.040	27.350	0.0729	4.41e-05
90	-0.187	-0.190	34.127	27.411	0.0798	7.35e-05
100	0.020	0.016	34.229	27.483	0.0860	5.19e-05
110	0.127	0.123	34.286	27.523	0.0917	2.84e-05
120	0.211	0.206	34.320	27.546	0.0971	1.78e-05
130	0.269	0.264	34.344	27.563	0.1023	1.56e-05
140	0.363	0.357	34.371	27.579	0.1074	1.72e-05
150	0.453	0.447	34.402	27.599	0.1123	1.47e-05
160	0.492	0.485	34.418	27.609	0.1170	8.92e-06
180	0.538	0.531	34.443	27.627	0.1263	7.16e-06
200	0.676	0.667	34.482	27.650	0.1352	4.25e-06

Station: 600.040



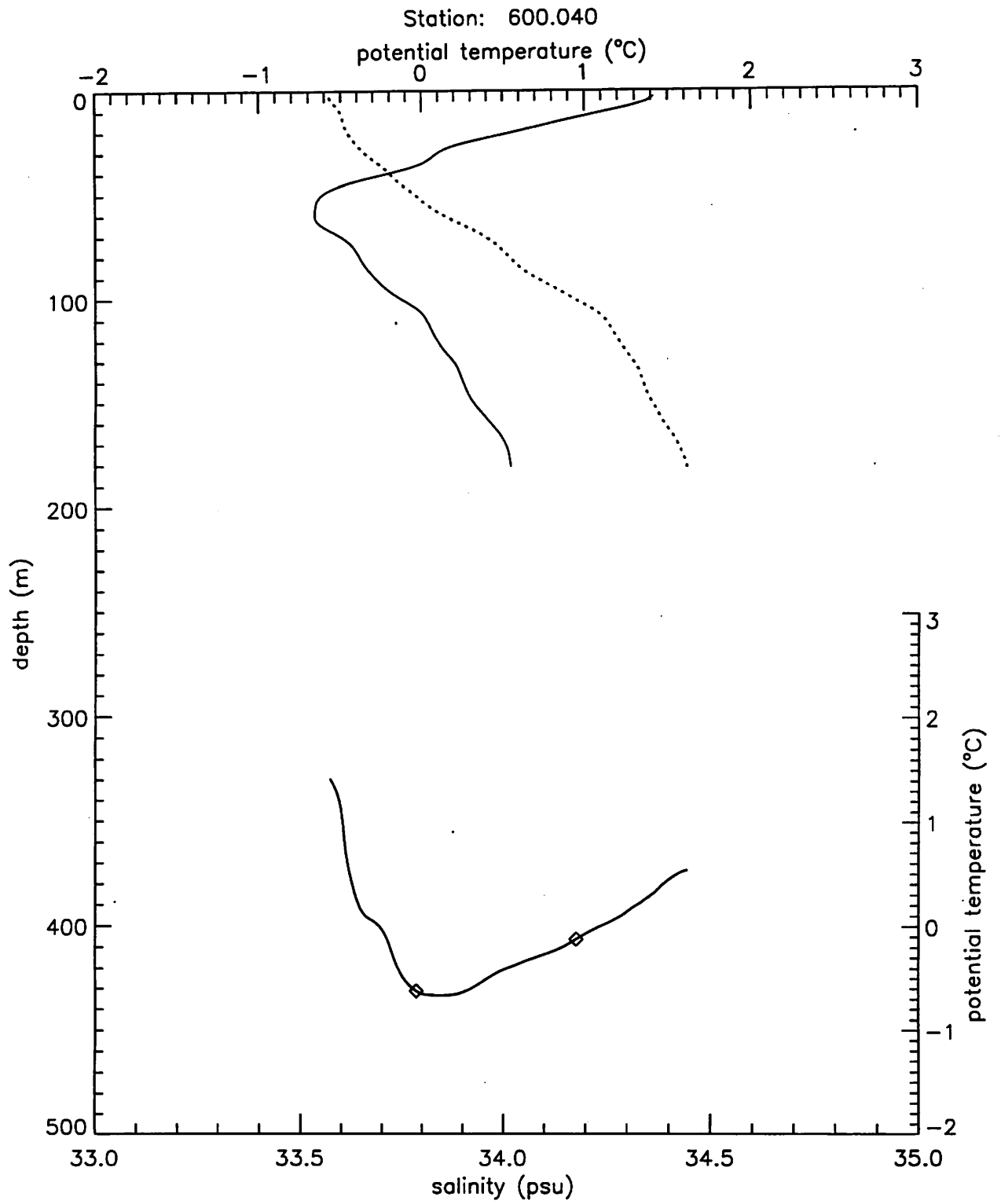
LTER 93a	Station: 600.040 (200)	JulianDay: 15	GMT: 1925
	Latitude: 64° 56.05' S	Longitude: 64° 24.42' W	Depth: 1285 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.321	1.320	33.577	26.880	0.0023	3.53e-05
10	1.134	1.134	33.586	26.900	0.0081	3.28e-05
20	0.721	0.721	33.611	26.946	0.0193	6.81e-05
30	0.099	0.098	33.658	27.018	0.0300	6.69e-05
40	-0.025	-0.026	33.742	27.092	0.0399	6.36e-05
50	-0.411	-0.413	33.797	27.155	0.0492	6.95e-05
60	-0.680	-0.681	33.879	27.233	0.0579	7.24e-05
70	-0.489	-0.491	33.970	27.298	0.0658	6.15e-05
80	-0.280	-0.282	34.066	27.366	0.0731	6.34e-05
90	-0.203	-0.206	34.142	27.424	0.0798	4.51e-05
100	-0.044	-0.047	34.205	27.467	0.0861	4.78e-05
110	0.100	0.096	34.275	27.516	0.0919	3.07e-05
120	0.175	0.170	34.305	27.536	0.0974	1.89e-05
130	0.260	0.255	34.337	27.557	0.1027	1.89e-05
140	0.361	0.356	34.368	27.577	0.1078	1.81e-05
150	0.447	0.441	34.398	27.596	0.1127	1.67e-05
160	0.475	0.469	34.421	27.613	0.1175	1.67e-05
180	0.542	0.535	34.442	27.626	0.1267	9.95e-06
200	0.732	0.723	34.500	27.661	0.1355	1.21e-05



LTER 93a	Station: 600.040 (201)	JulianDay: 15	GMT: 2123
	Latitude: 64° 55.00' S	Longitude: 64° 24.13' W	Depth: 1250 m

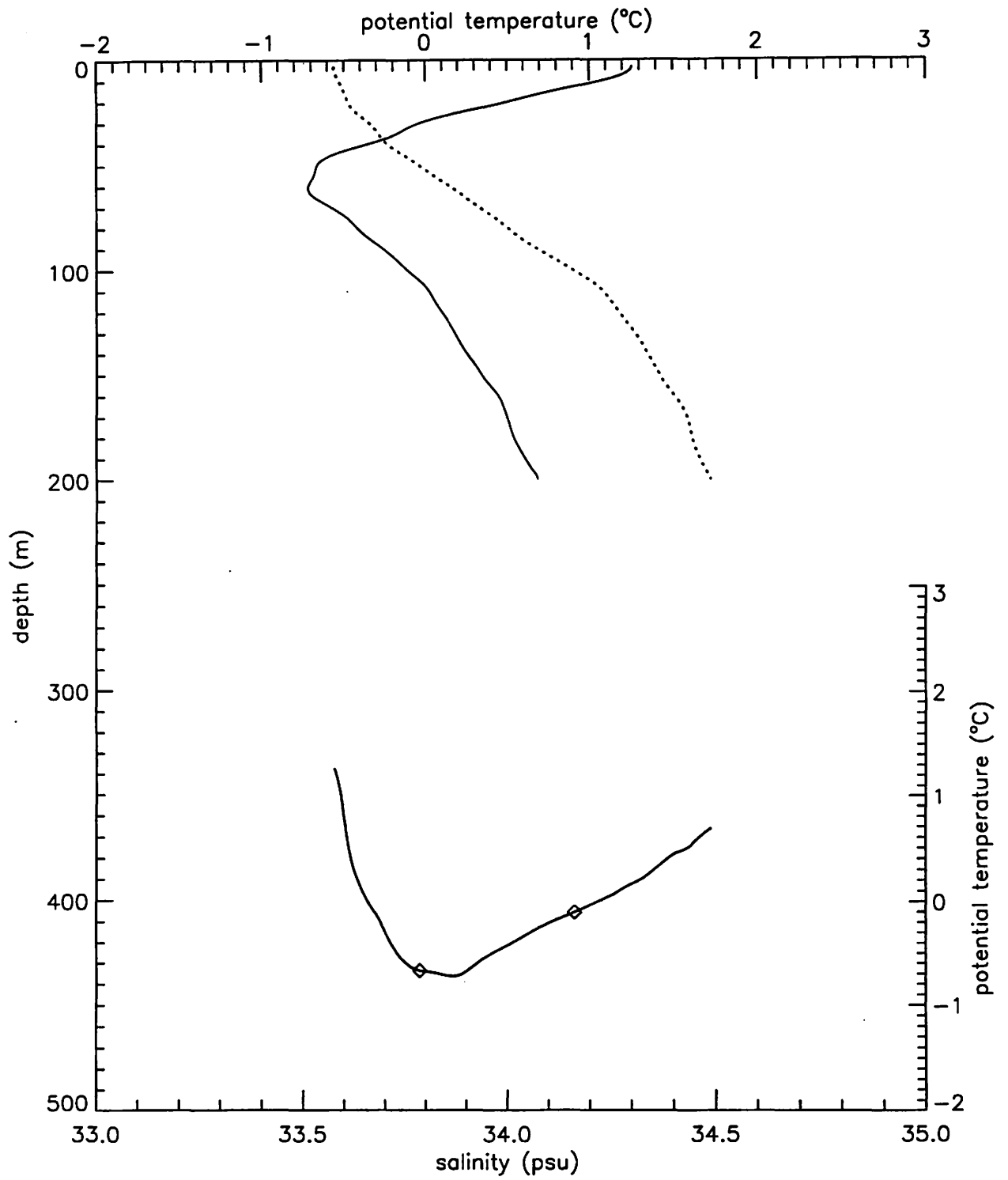
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.378	1.378	33.577	26.876	0.0023	4.21e-05
10	1.131	1.131	33.598	26.910	0.0081	5.64e-05
20	0.554	0.553	33.617	26.960	0.0192	5.48e-05
30	0.095	0.094	33.660	27.020	0.0297	5.85e-05
40	-0.231	-0.232	33.723	27.087	0.0397	6.63e-05
50	-0.617	-0.618	33.785	27.154	0.0490	5.86e-05
60	-0.659	-0.660	33.858	27.214	0.0578	7.13e-05
70	-0.497	-0.499	33.959	27.290	0.0658	5.48e-05
80	-0.382	-0.385	34.018	27.332	0.0733	3.74e-05
90	-0.283	-0.286	34.086	27.382	0.0804	6.24e-05
100	-0.118	-0.121	34.178	27.449	0.0869	6.14e-05
110	0.036	0.032	34.252	27.501	0.0929	2.90e-05
120	0.104	0.100	34.284	27.523	0.0985	2.10e-05
130	0.205	0.200	34.320	27.546	0.1039	1.99e-05
140	0.262	0.256	34.341	27.560	0.1091	1.02e-05
150	0.329	0.323	34.364	27.575	0.1142	1.62e-05
160	0.437	0.430	34.393	27.593	0.1192	1.94e-05
180	0.553	0.545	34.444	27.627	0.1285	8.25e-06



LTER 93a	Station: 600.040 (202)	JulianDay: 15	GMT: 2330
	Latitude: 64° 56.05' S	Longitude: 65° 24.13' W	Depth: 1287 m

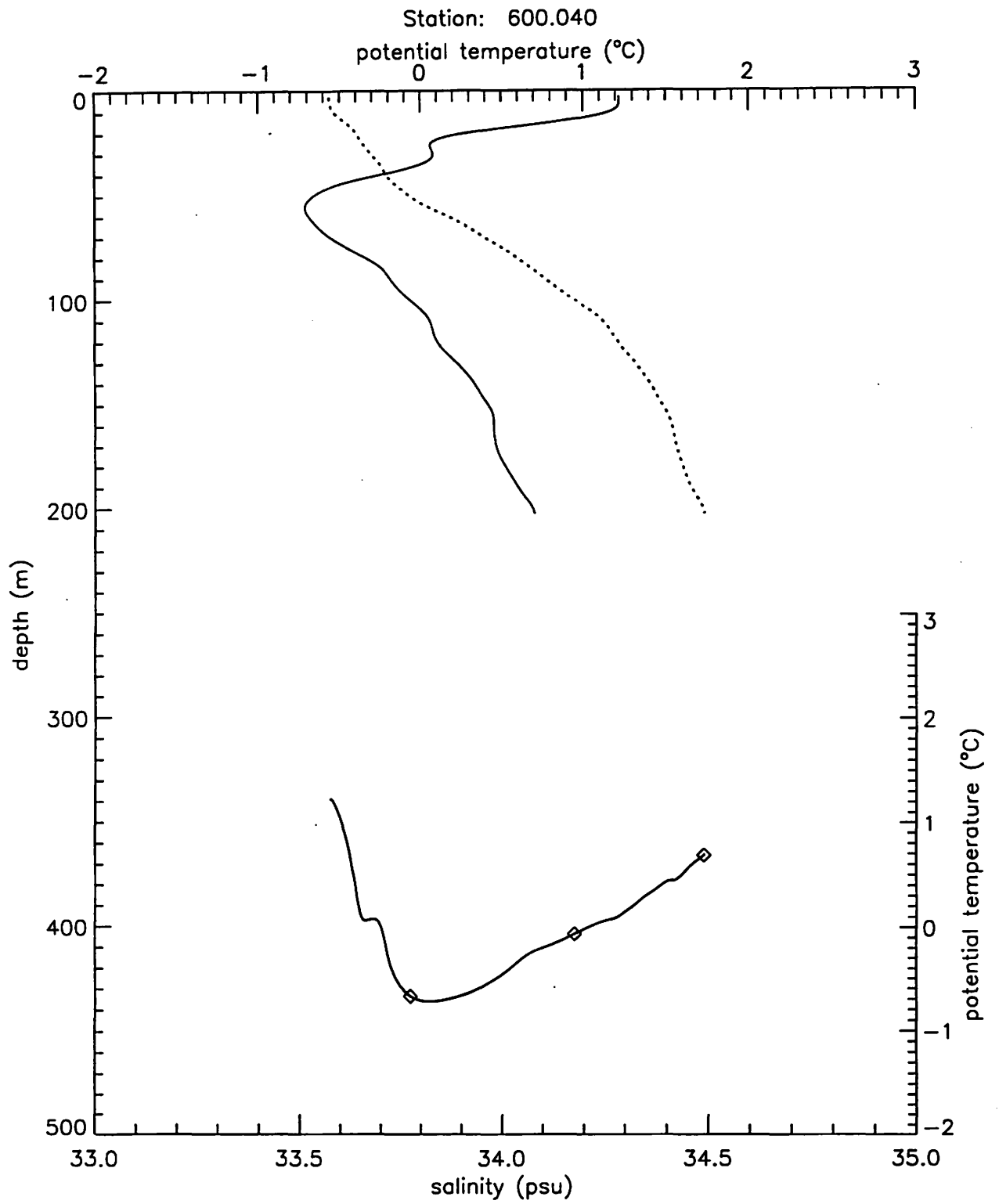
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.247	1.246	33.577	26.885	0.0023	1.37e-05
10	1.079	1.078	33.588	26.905	0.0081	4.69e-05
20	0.503	0.503	33.610	26.958	0.0192	5.46e-05
30	-0.040	-0.041	33.663	27.029	0.0297	6.08e-05
40	-0.358	-0.359	33.708	27.080	0.0397	6.52e-05
50	-0.663	-0.664	33.785	27.155	0.0490	6.36e-05
60	-0.715	-0.716	33.861	27.219	0.0577	5.81e-05
70	-0.568	-0.571	33.934	27.272	0.0658	4.99e-05
80	-0.412	-0.414	34.005	27.322	0.0735	4.43e-05
90	-0.249	-0.252	34.078	27.375	0.0806	5.73e-05
100	-0.103	-0.106	34.163	27.436	0.0873	5.71e-05
110	0.028	0.024	34.234	27.487	0.0933	3.41e-05
120	0.108	0.104	34.272	27.513	0.0990	2.47e-05
130	0.190	0.186	34.312	27.541	0.1045	2.37e-05
140	0.269	0.264	34.342	27.561	0.1098	1.66e-05
150	0.356	0.350	34.369	27.578	0.1149	1.71e-05
160	0.458	0.452	34.405	27.601	0.1198	2.47e-05
180	0.553	0.546	34.446	27.629	0.1290	7.28e-06

Station: 600.040



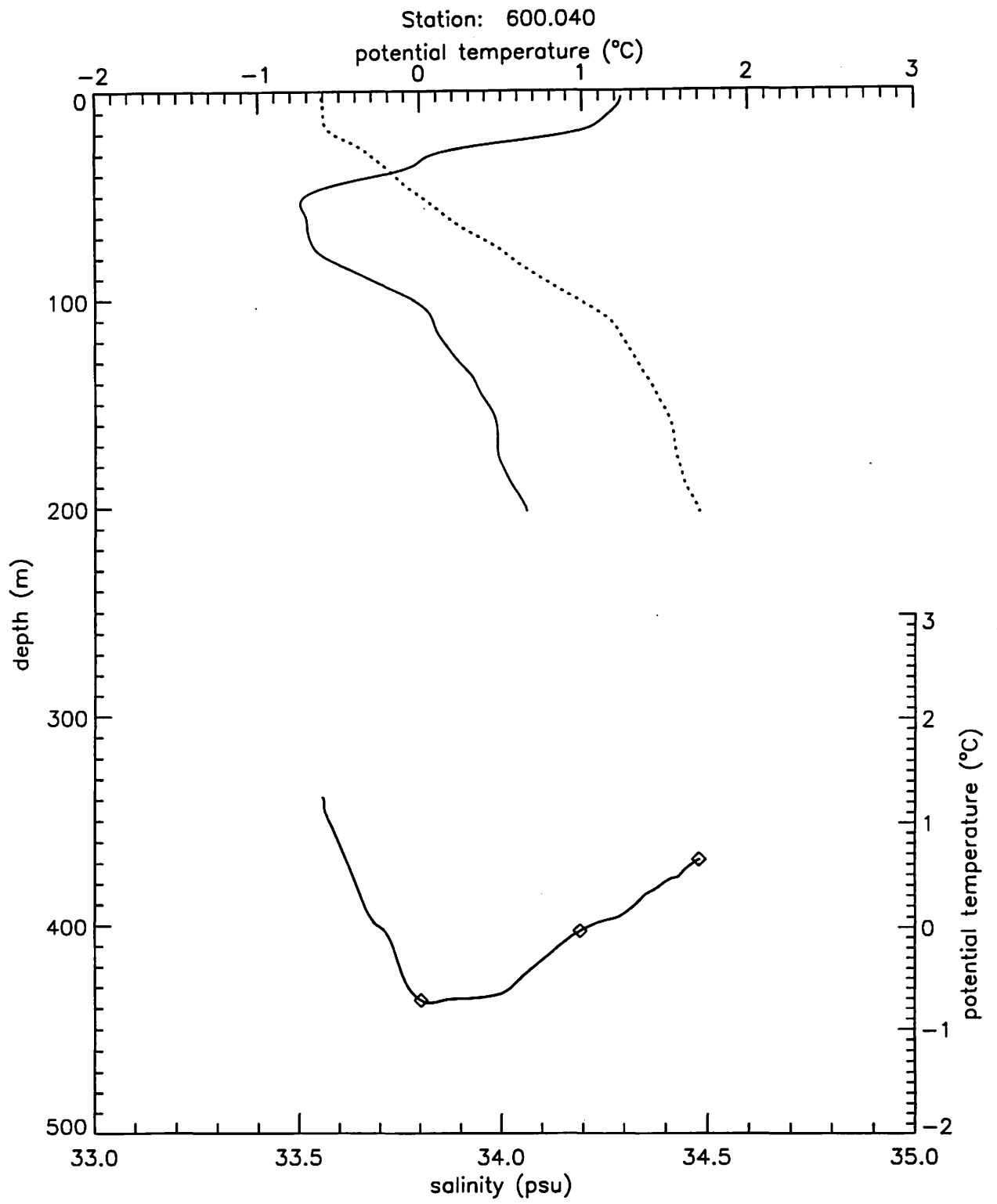
LTER 93a	Station: 600.040 (203)	JulianDay: 16	GMT: 0125
	Latitude: 64° 55.99' S	Longitude: 64° 24.21' W	Depth: 1281 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.222	1.221	33.576	26.886	0.0023	2.02e-06
10	1.168	1.168	33.585	26.897	0.0081	5.63e-05
20	0.282	0.281	33.640	26.994	0.0191	7.22e-05
30	0.079	0.078	33.679	27.036	0.0294	3.75e-05
40	-0.263	-0.265	33.716	27.083	0.0393	5.50e-05
50	-0.663	-0.664	33.773	27.146	0.0487	6.54e-05
60	-0.688	-0.690	33.869	27.224	0.0574	7.55e-05
70	-0.558	-0.560	33.957	27.291	0.0654	5.83e-05
80	-0.330	-0.333	34.040	27.347	0.0728	4.74e-05
90	-0.184	-0.187	34.108	27.395	0.0798	4.63e-05
100	-0.063	-0.066	34.177	27.445	0.0863	5.09e-05
110	0.060	0.056	34.247	27.495	0.0923	3.59e-05
120	0.108	0.103	34.284	27.522	0.0979	2.43e-05
130	0.231	0.226	34.326	27.550	0.1033	2.38e-05
140	0.340	0.335	34.362	27.573	0.1084	1.97e-05
150	0.425	0.419	34.391	27.592	0.1134	1.81e-05
160	0.457	0.451	34.414	27.608	0.1182	1.05e-05
180	0.534	0.527	34.441	27.626	0.1275	8.74e-06
200	0.701	0.692	34.489	27.654	0.1364	7.89e-06



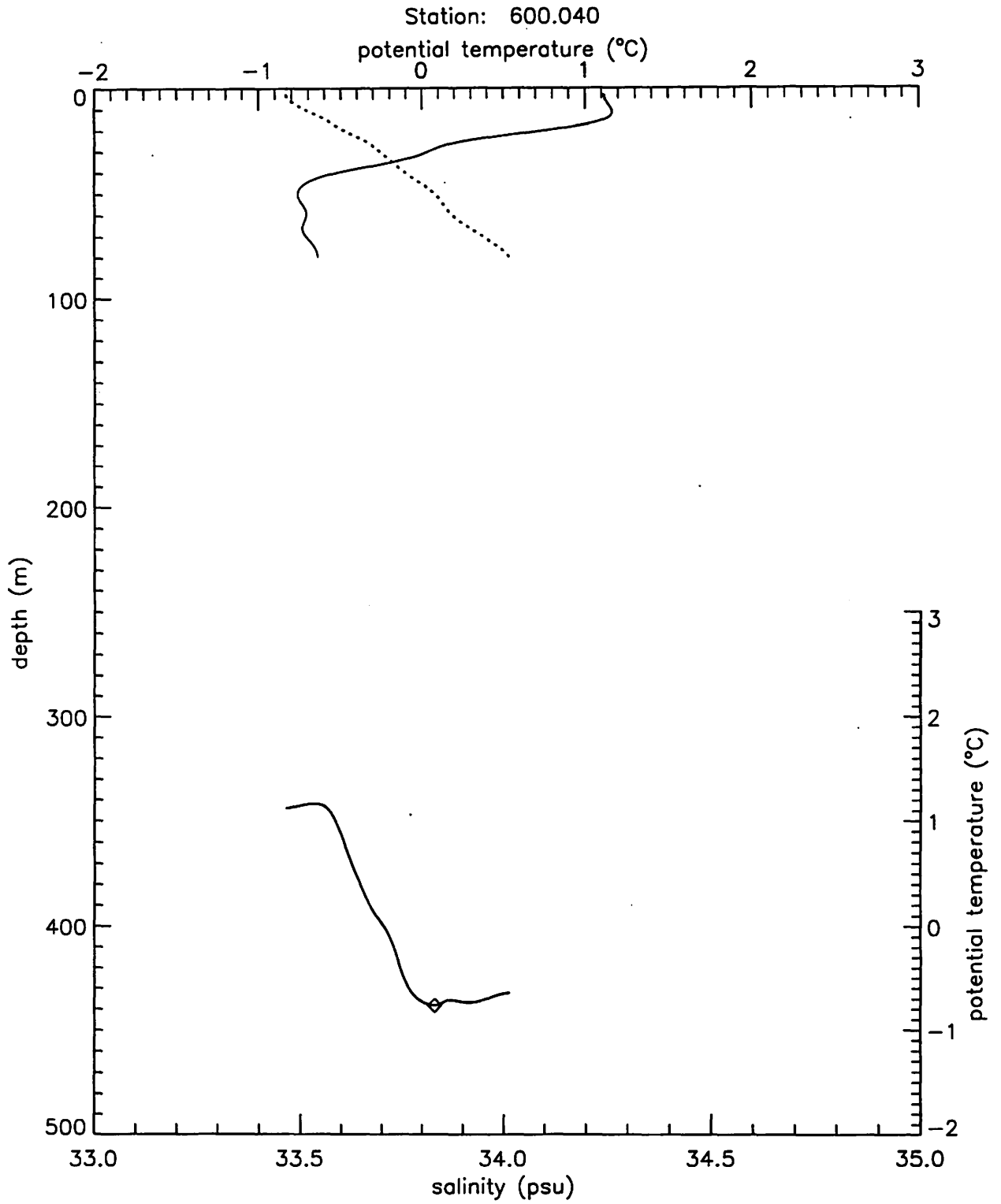
LTER 93a	Station: 600.040 (204)	JulianDay: 16	GMT: 0330
	Latitude: 64° 55.98' S	Longitude: 64° 24.04' W	Depth: 1296 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.233	1.232	33.558	26.871	0.0023	7.86e-06
10	1.181	1.180	33.561	26.877	0.0082	1.13e-05
20	0.928	0.927	33.583	26.910	0.0197	9.37e-05
30	0.081	0.080	33.676	27.033	0.0304	8.22e-05
40	-0.259	-0.261	33.737	27.099	0.0403	6.81e-05
50	-0.714	-0.715	33.802	27.171	0.0495	6.28e-05
60	-0.704	-0.706	33.868	27.224	0.0580	5.21e-05
70	-0.683	-0.685	33.952	27.291	0.0661	6.84e-05
80	-0.572	-0.574	34.029	27.349	0.0735	4.51e-05
90	-0.306	-0.308	34.105	27.399	0.0804	5.07e-05
100	-0.035	-0.039	34.193	27.457	0.0868	5.89e-05
110	0.084	0.080	34.270	27.512	0.0927	3.64e-05
120	0.150	0.145	34.304	27.537	0.0981	1.99e-05
130	0.251	0.247	34.335	27.556	0.1034	1.69e-05
140	0.351	0.346	34.367	27.576	0.1086	1.92e-05
150	0.426	0.420	34.394	27.594	0.1135	1.70e-05
160	0.477	0.471	34.416	27.609	0.1183	8.25e-06
180	0.516	0.509	34.436	27.623	0.1276	7.34e-06
200	0.659	0.650	34.480	27.649	0.1366	5.46e-06



LTER 93a	Station: 600.040 (205)	JulianDay: 16	GMT: 0401
	Latitude: 64° 55.93' S	Longitude: 64° 23.99' W	Depth: 1272 m

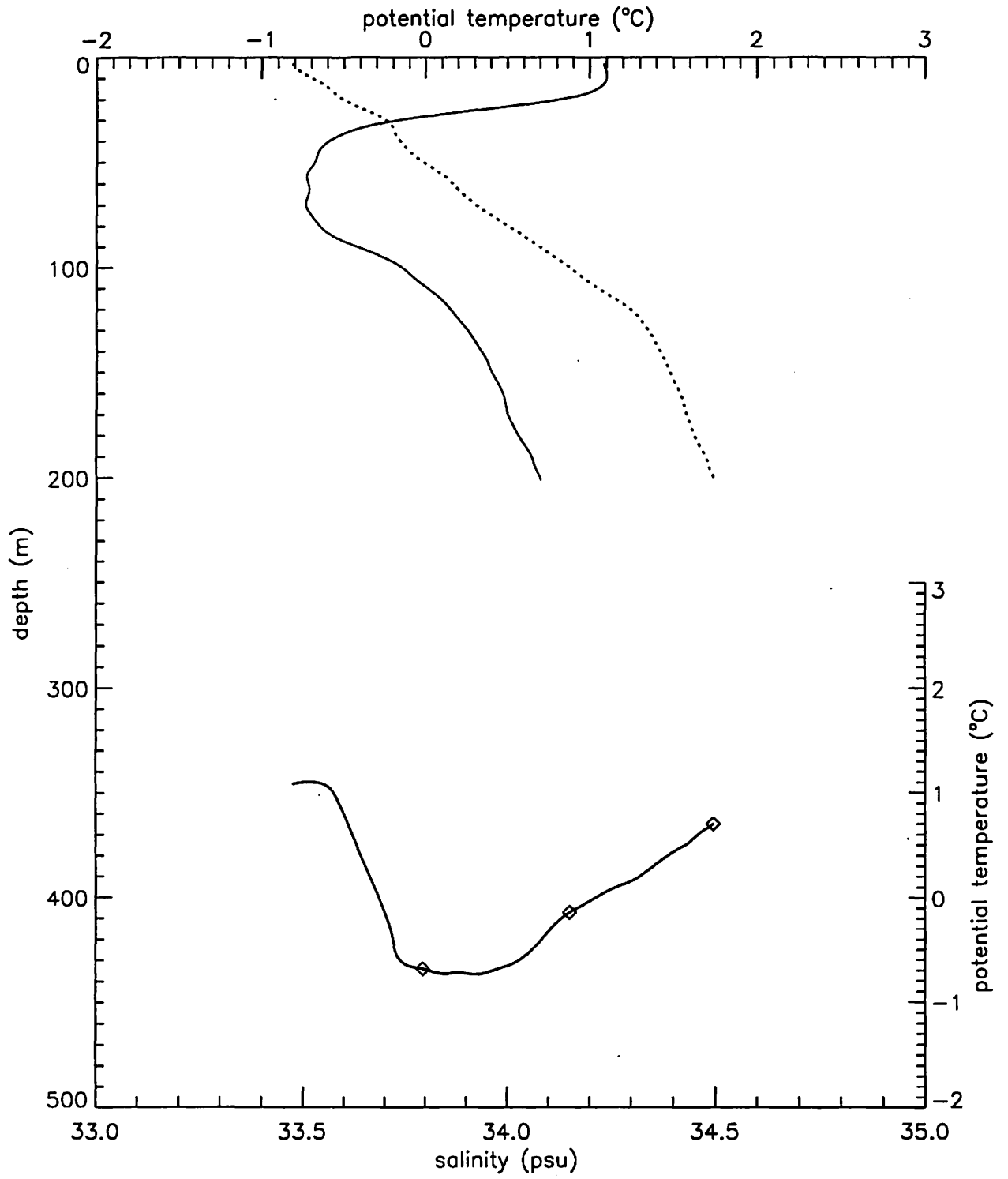
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.119	1.119	33.471	26.808	0.0025	2.86e-05
10	1.157	1.157	33.514	26.841	0.0085	7.37e-05
20	0.768	0.767	33.609	26.941	0.0201	1.21e-04
30	0.044	0.043	33.697	27.052	0.0305	7.47e-05
40	-0.528	-0.529	33.758	27.128	0.0402	7.80e-05
50	-0.762	-0.763	33.831	27.197	0.0490	4.35e-05
60	-0.710	-0.711	33.873	27.229	0.0575	4.19e-05
70	-0.711	-0.713	33.948	27.290	0.0655	5.92e-05
80	-0.639	-0.641	34.014	27.340	0.0729	3.09e-05



LTER 93a	Station: 600.040 (206)	JulianDay: 16	GMT: 0528
	Latitude: 64° 56.01' S	Longitude: 64° 24.04' W	Depth: 1293 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.090	1.090	33.482	26.819	0.0024	3.41e-05
10	1.103	1.103	33.524	26.852	0.0085	6.70e-05
20	0.820	0.819	33.598	26.929	0.0200	1.07e-04
30	-0.176	-0.177	33.704	27.069	0.0305	9.53e-05
40	-0.592	-0.594	33.738	27.114	0.0400	3.69e-05
50	-0.678	-0.679	33.794	27.164	0.0492	6.10e-05
60	-0.715	-0.716	33.866	27.223	0.0578	4.34e-05
70	-0.730	-0.732	33.923	27.270	0.0659	5.39e-05
80	-0.645	-0.647	34.003	27.331	0.0735	5.65e-05
90	-0.415	-0.417	34.080	27.384	0.0806	4.28e-05
100	-0.141	-0.144	34.152	27.429	0.0872	4.56e-05
110	0.017	0.013	34.221	27.476	0.0934	4.96e-05
120	0.155	0.151	34.297	27.531	0.0991	4.20e-05
130	0.263	0.258	34.341	27.560	0.1044	1.95e-05
140	0.349	0.343	34.369	27.578	0.1094	1.63e-05
150	0.414	0.409	34.393	27.594	0.1144	1.41e-05
160	0.481	0.474	34.417	27.610	0.1192	1.28e-05
180	0.576	0.569	34.451	27.631	0.1284	1.16e-05
200	0.709	0.701	34.496	27.659	0.1371	4.86e-06

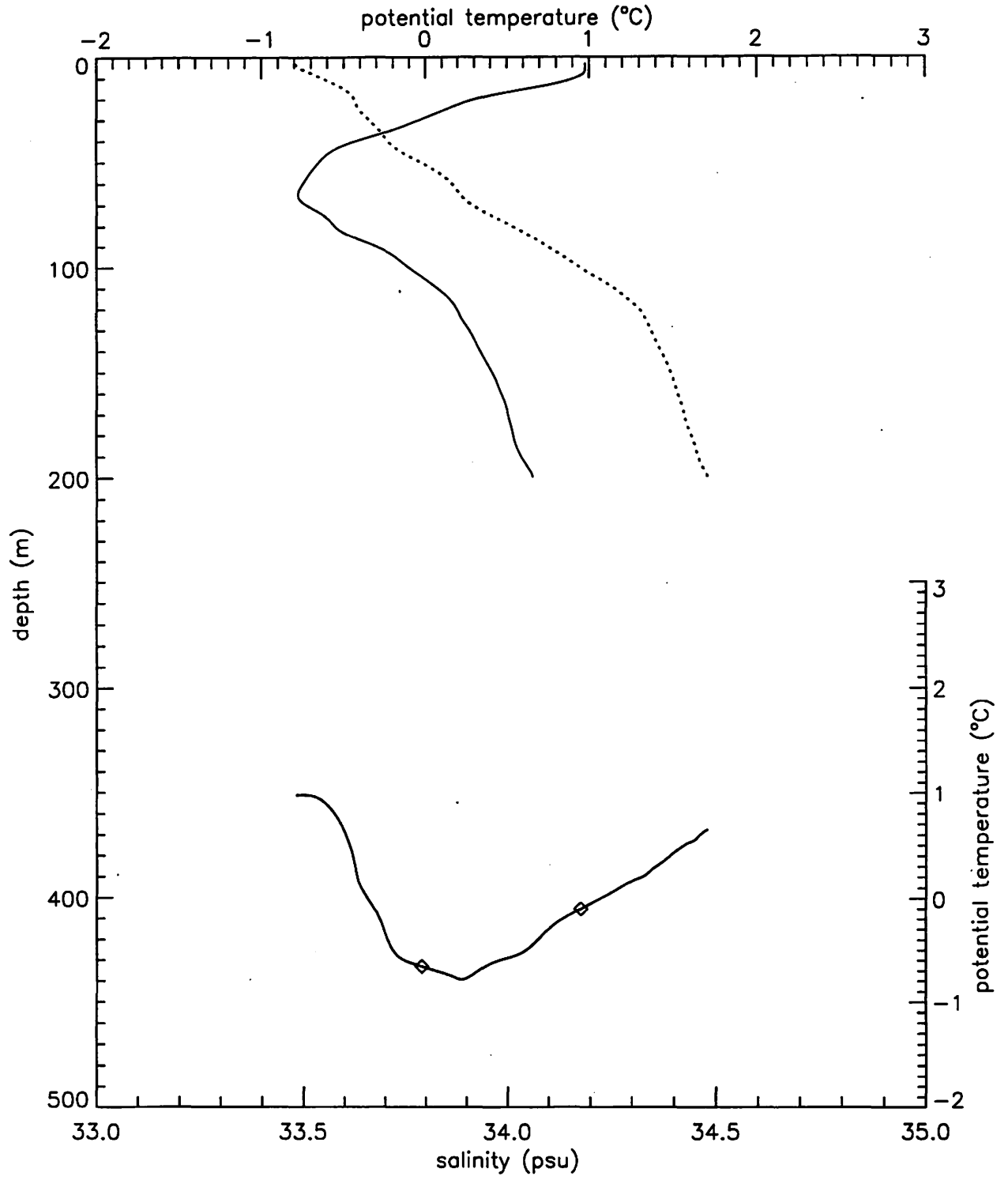
Station: 600.040



LTER 93a	Station: 600.040 (207)	JulianDay: 16	GMT: 0729
	Latitude: 64° 55.96' S	Longitude: 64° 24.12' W	Depth: 1294 m

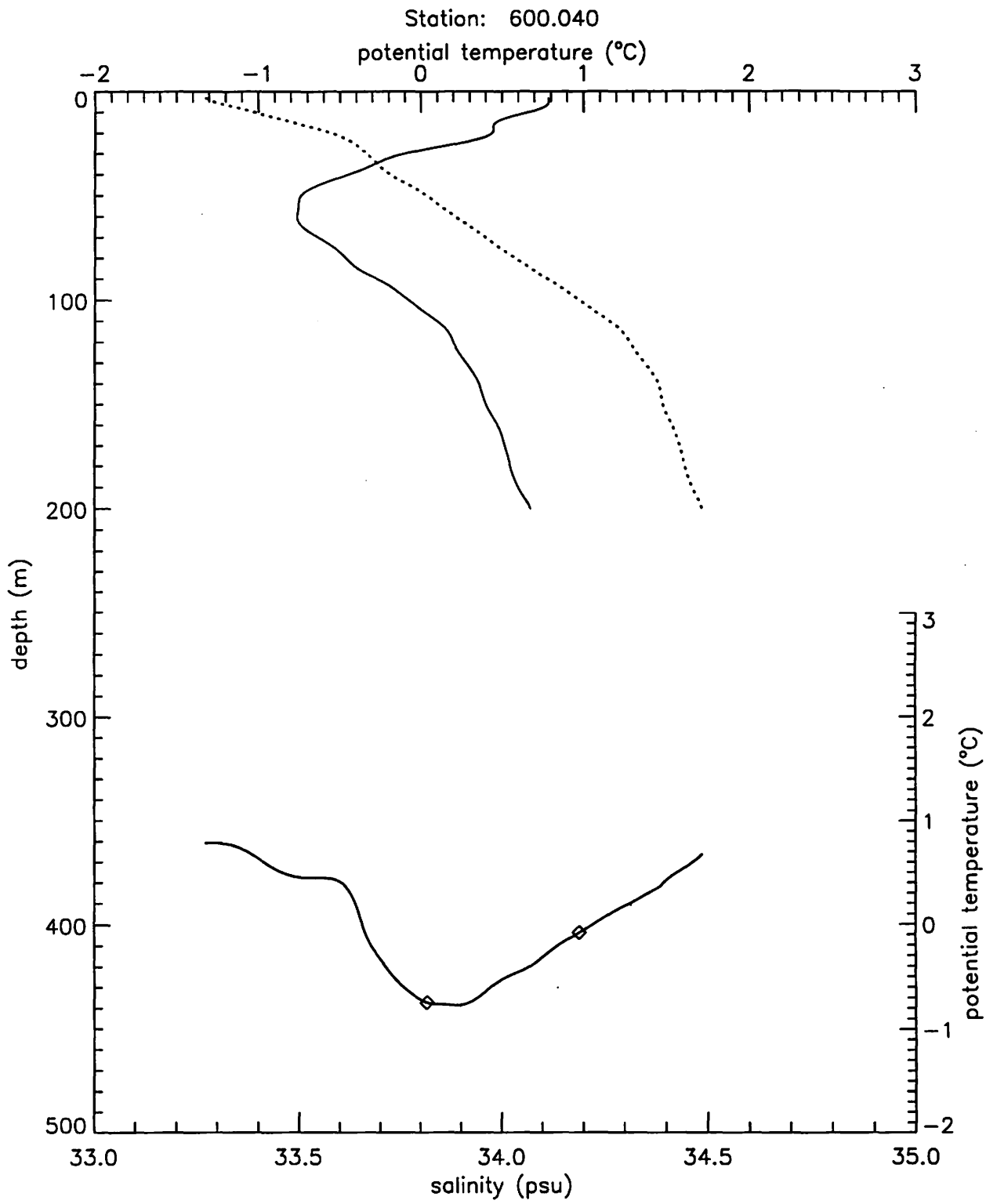
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.978	0.977	33.493	26.835	0.0024	5.91e-05
10	0.914	0.914	33.549	26.884	0.0083	1.03e-04
20	0.308	0.308	33.625	26.980	0.0194	5.54e-05
30	-0.038	-0.039	33.662	27.028	0.0298	5.58e-05
40	-0.426	-0.427	33.709	27.084	0.0398	5.64e-05
50	-0.651	-0.653	33.789	27.158	0.0491	7.67e-05
60	-0.747	-0.748	33.865	27.223	0.0577	4.43e-05
70	-0.730	-0.732	33.914	27.263	0.0659	5.26e-05
80	-0.553	-0.556	34.013	27.335	0.0735	6.88e-05
90	-0.293	-0.296	34.100	27.394	0.0805	5.02e-05
100	-0.098	-0.101	34.178	27.448	0.0870	5.34e-05
110	0.077	0.073	34.260	27.505	0.0929	4.67e-05
120	0.197	0.192	34.319	27.547	0.0984	3.04e-05
130	0.274	0.269	34.347	27.565	0.1036	1.35e-05
140	0.341	0.336	34.371	27.580	0.1087	1.46e-05
150	0.415	0.409	34.394	27.595	0.1136	1.15e-05
160	0.469	0.463	34.410	27.605	0.1184	9.40e-06
180	0.543	0.536	34.442	27.626	0.1277	1.27e-05
200	0.662	0.654	34.480	27.649	0.1366	4.25e-06

Station: 600.040



LTER 93a	Station: 600.040 (210)	JulianDay: 16	GMT: 0923
	Latitude: 64° 56.00' S	Longitude: 64° 24.01' W	Depth: 1298 m

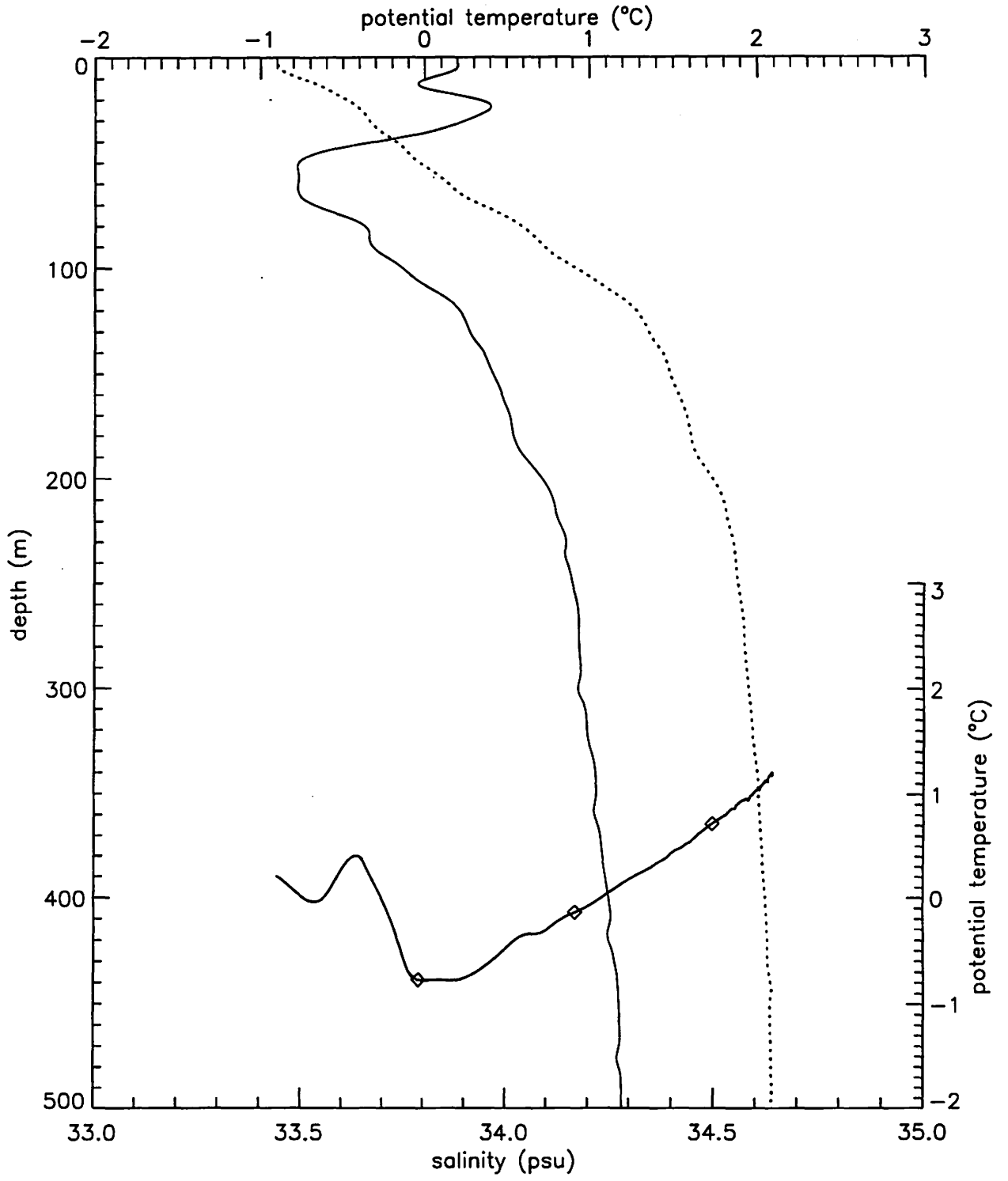
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.788	0.787	33.292	26.685	0.0027	1.11e-04
10	0.657	0.657	33.393	26.774	0.0092	1.71e-04
20	0.441	0.441	33.581	26.938	0.0210	1.27e-04
30	-0.113	-0.114	33.667	27.036	0.0316	6.99e-05
40	-0.453	-0.454	33.725	27.098	0.0414	7.47e-05
50	-0.737	-0.738	33.816	27.183	0.0505	6.48e-05
60	-0.762	-0.763	33.885	27.241	0.0590	5.83e-05
70	-0.633	-0.636	33.960	27.296	0.0669	4.69e-05
80	-0.459	-0.462	34.033	27.348	0.0743	5.33e-05
90	-0.262	-0.265	34.113	27.404	0.0812	5.18e-05
100	-0.070	-0.074	34.190	27.456	0.0876	4.85e-05
110	0.107	0.103	34.264	27.506	0.0935	4.38e-05
120	0.206	0.202	34.312	27.540	0.0990	2.35e-05
130	0.288	0.283	34.349	27.566	0.1042	2.51e-05
140	0.367	0.361	34.383	27.588	0.1092	1.23e-05
150	0.410	0.404	34.393	27.594	0.1141	8.31e-06
160	0.483	0.476	34.415	27.608	0.1189	1.31e-05
180	0.561	0.554	34.446	27.628	0.1282	8.62e-06
200	0.687	0.679	34.487	27.653	0.1370	1.09e-05



LTER 93a Station: 600.040 (211) JulianDay: 16 GMT: 1127
 Latitude: 64° 56.02' S Longitude: 64° 23.87' W Depth: 1311 m

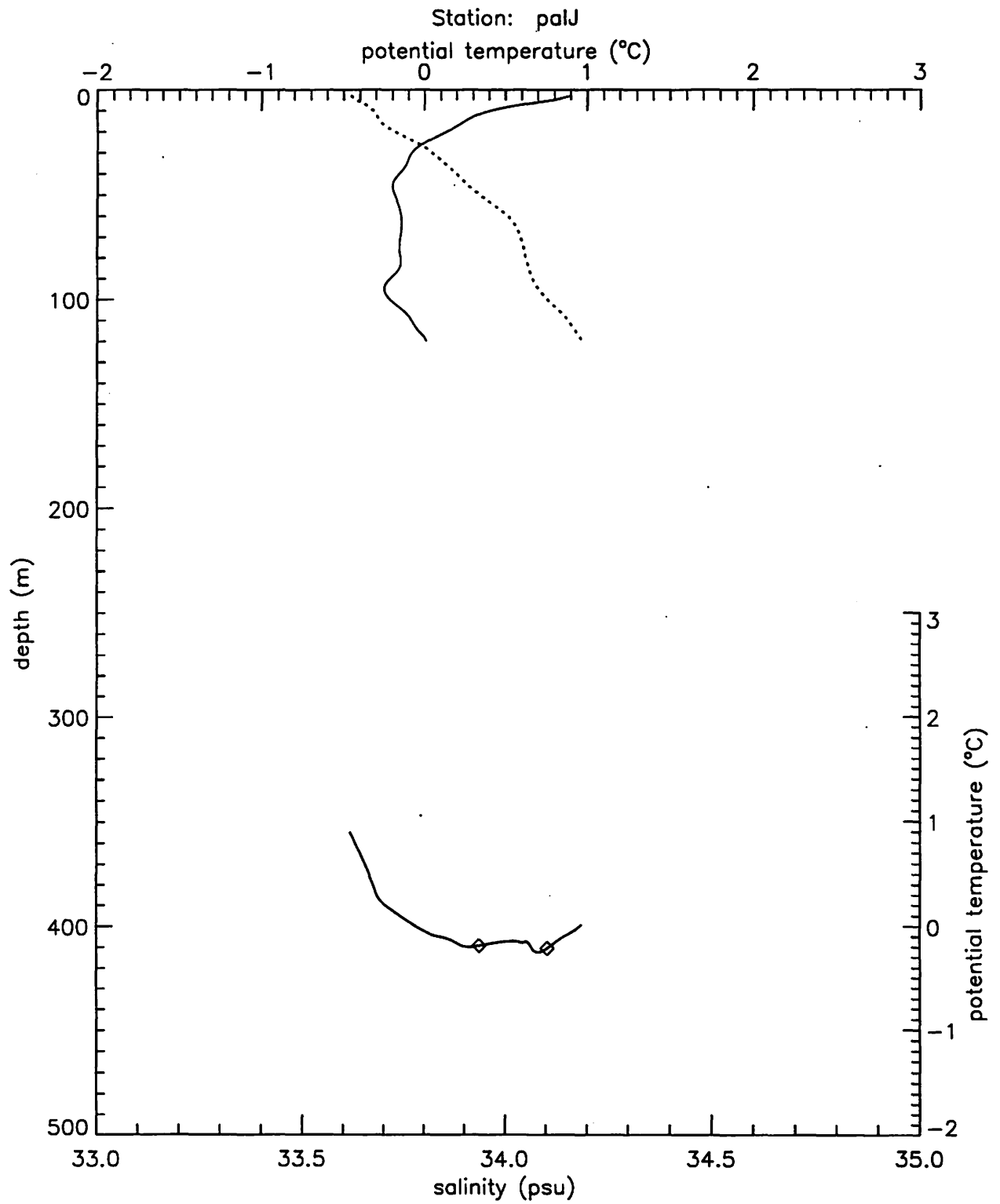
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.197	0.197	33.447	26.842	0.0024	2.96e-05
10	0.017	0.017	33.501	26.896	0.0083	9.75e-05
20	0.328	0.327	33.609	26.966	0.0193	4.59e-05
30	0.249	0.248	33.665	27.015	0.0299	5.43e-05
40	-0.305	-0.307	33.730	27.096	0.0399	8.35e-05
50	-0.768	-0.770	33.789	27.163	0.0491	5.87e-05
60	-0.772	-0.773	33.859	27.220	0.0577	4.89e-05
70	-0.671	-0.673	33.940	27.281	0.0658	6.97e-05
80	-0.362	-0.365	34.037	27.347	0.0733	5.02e-05
90	-0.311	-0.314	34.095	27.391	0.0802	3.89e-05
100	-0.129	-0.133	34.170	27.443	0.0868	5.72e-05
110	0.055	0.051	34.249	27.498	0.0928	4.81e-05
120	0.223	0.218	34.315	27.541	0.0983	3.00e-05
130	0.285	0.280	34.345	27.562	0.1035	1.71e-05
140	0.372	0.367	34.378	27.584	0.1086	1.81e-05
150	0.428	0.422	34.396	27.595	0.1135	8.86e-06
160	0.483	0.477	34.416	27.609	0.1182	1.44e-05
180	0.555	0.547	34.445	27.628	0.1275	6.07e-06
200	0.730	0.721	34.497	27.659	0.1364	1.88e-05
220	0.831	0.822	34.533	27.682	0.1446	5.95e-06
240	0.885	0.874	34.552	27.694	0.1526	9.11e-07
260	0.947	0.935	34.566	27.701	0.1605	4.01e-06
280	0.960	0.947	34.574	27.706	0.1682	1.28e-06
300	0.953	0.939	34.583	27.714	0.1759	2.43e-06
320	1.009	0.994	34.592	27.718	0.1834	2.25e-06
340	1.061	1.045	34.604	27.724	0.1909	2.92e-06
360	1.057	1.040	34.610	27.729	0.1982	8.51e-07
380	1.108	1.090	34.616	27.731	0.2056	1.28e-06
400	1.146	1.127	34.623	27.734	0.2128	2.31e-06
420	1.148	1.128	34.629	27.739	0.2201	-5.47e-07
440	1.205	1.183	34.638	27.742	0.2273	3.83e-06
460	1.217	1.194	34.637	27.741	0.2344	1.22e-06
480	1.214	1.191	34.639	27.742	0.2416	-1.10e-06
500	1.232	1.207	34.641	27.742	0.2488	3.65e-06

Station: 600.040



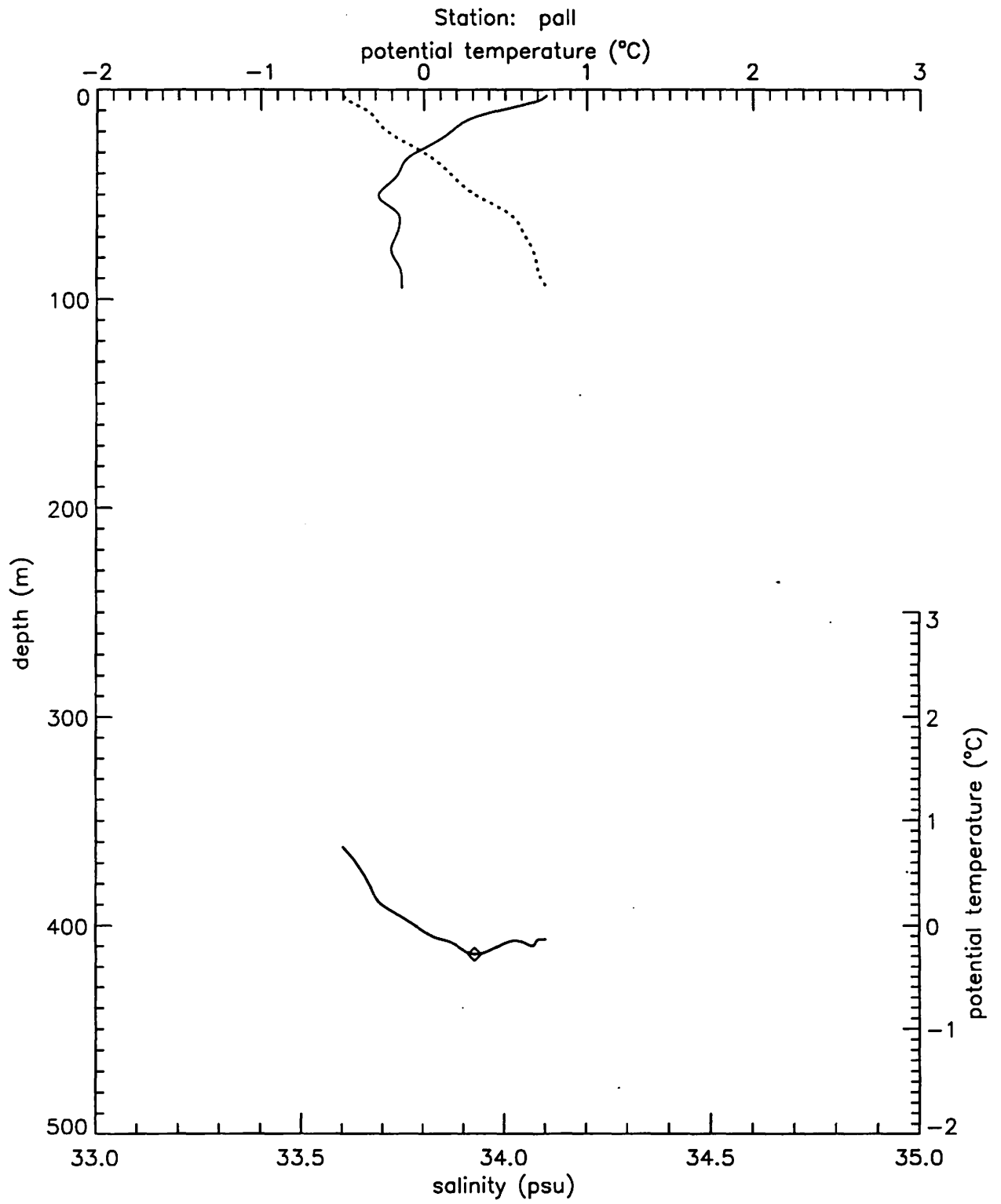
LTER 93a	Station: palJ (220)	JulianDay: 17	GMT: 0455
	Latitude: 64° 46.11' S	Longitude: 64° 8.99' W	Depth: 138 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.799	0.799	33.630	26.957	0.0022	1.01e-04
10	0.413	0.413	33.673	27.013	0.0075	7.65e-05
20	0.138	0.137	33.726	27.071	0.0176	8.00e-05
30	-0.078	-0.079	33.819	27.157	0.0270	6.22e-05
40	-0.156	-0.158	33.880	27.210	0.0357	4.78e-05
50	-0.183	-0.185	33.937	27.258	0.0440	5.03e-05
60	-0.143	-0.145	34.006	27.311	0.0517	4.04e-05
70	-0.148	-0.151	34.036	27.336	0.0591	1.47e-05
80	-0.146	-0.148	34.050	27.347	0.0663	1.09e-05
90	-0.211	-0.214	34.067	27.364	0.0734	2.26e-05
100	-0.210	-0.213	34.104	27.393	0.0803	3.31e-05
110	-0.076	-0.080	34.154	27.427	0.0869	2.67e-05
120	0.016	0.011	34.187	27.449	0.0932	1.27e-05



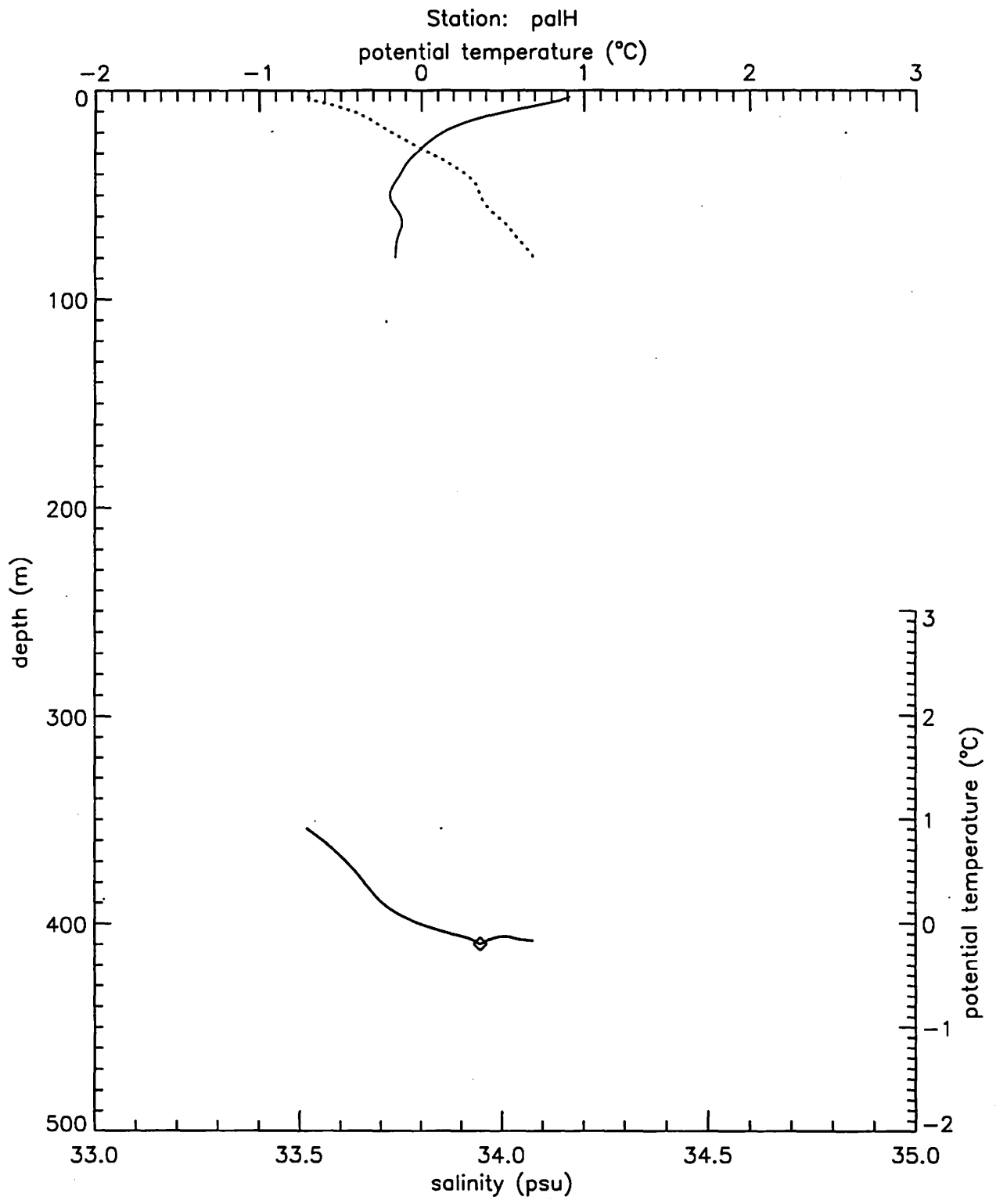
LTER 93a	Station: pali (221)	JulianDay: 17	GMT: 0623
	Latitude: 64° 46.55' S	Longitude: 64° 9.05' W	Depth: 109 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.717	0.717	33.610	26.945	0.0022	6.09e-05
10	0.466	0.466	33.657	26.997	0.0076	8.24e-05
20	0.171	0.171	33.709	27.055	0.0178	6.15e-05
30	-0.048	-0.049	33.799	27.139	0.0274	7.65e-05
40	-0.156	-0.157	33.865	27.197	0.0362	4.73e-05
50	-0.277	-0.278	33.927	27.253	0.0446	6.46e-05
60	-0.150	-0.152	34.017	27.320	0.0523	4.48e-05
70	-0.169	-0.171	34.051	27.349	0.0596	2.41e-05
80	-0.183	-0.185	34.075	27.369	0.0666	9.15e-06
90	-0.130	-0.133	34.089	27.378	0.0736	1.72e-05



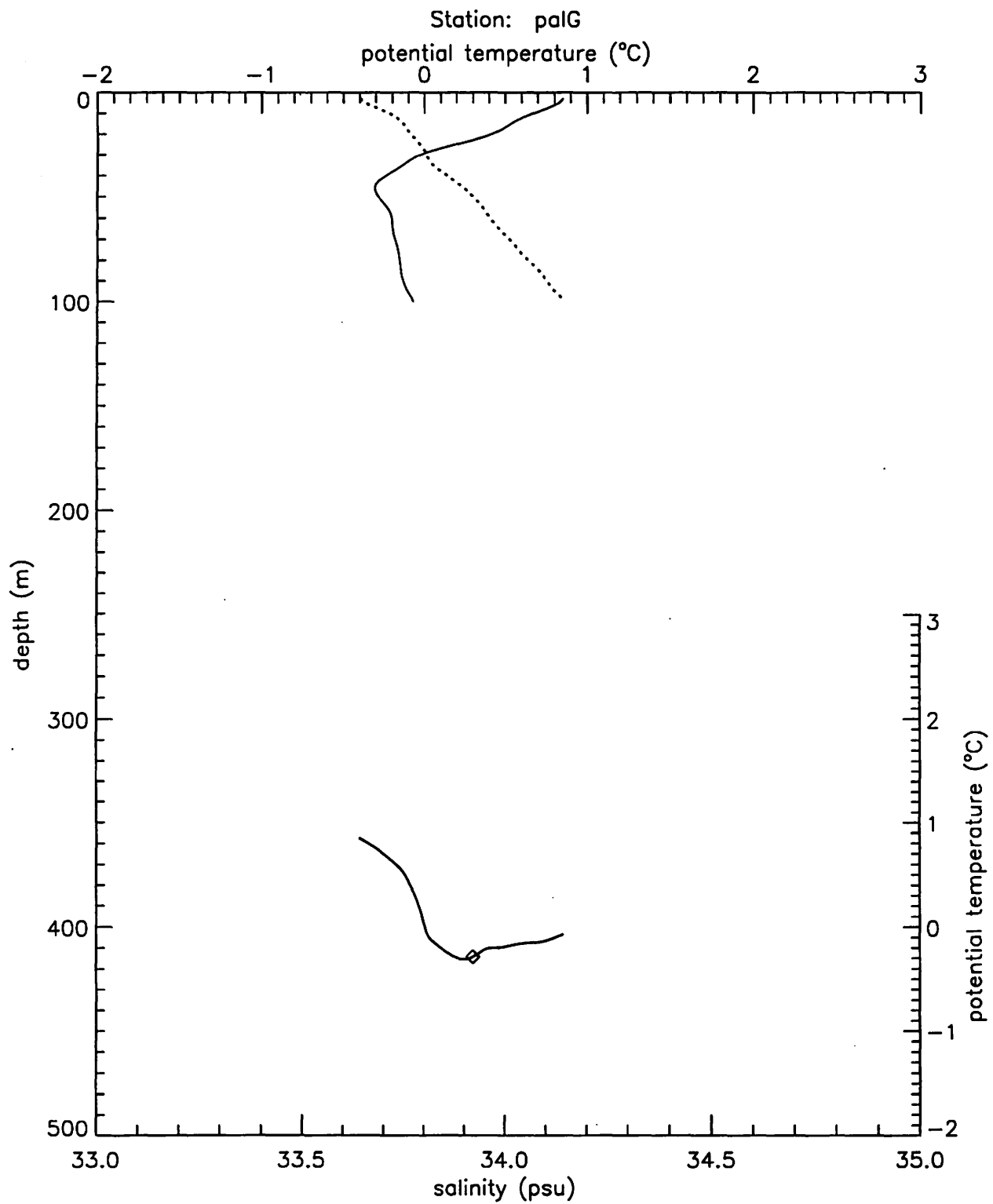
LTER 93a	Station: palH (222)	JulianDay: 17	GMT: 0736
	Latitude: 64° 47.41' S	Longitude: 64° 8.33' W	Depth: 96 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.849	0.849	33.539	26.880	0.0023	1.36e-04
10	0.532	0.531	33.630	26.972	0.0079	1.43e-04
20	0.135	0.134	33.725	27.070	0.0182	8.07e-05
30	-0.033	-0.034	33.821	27.156	0.0276	8.40e-05
40	-0.129	-0.131	33.910	27.233	0.0362	5.45e-05
50	-0.193	-0.195	33.947	27.266	0.0442	1.92e-05
60	-0.127	-0.130	33.988	27.296	0.0521	4.05e-05
70	-0.143	-0.145	34.036	27.335	0.0595	3.51e-05
80	-0.159	-0.162	34.077	27.369	0.0666	1.51e-05



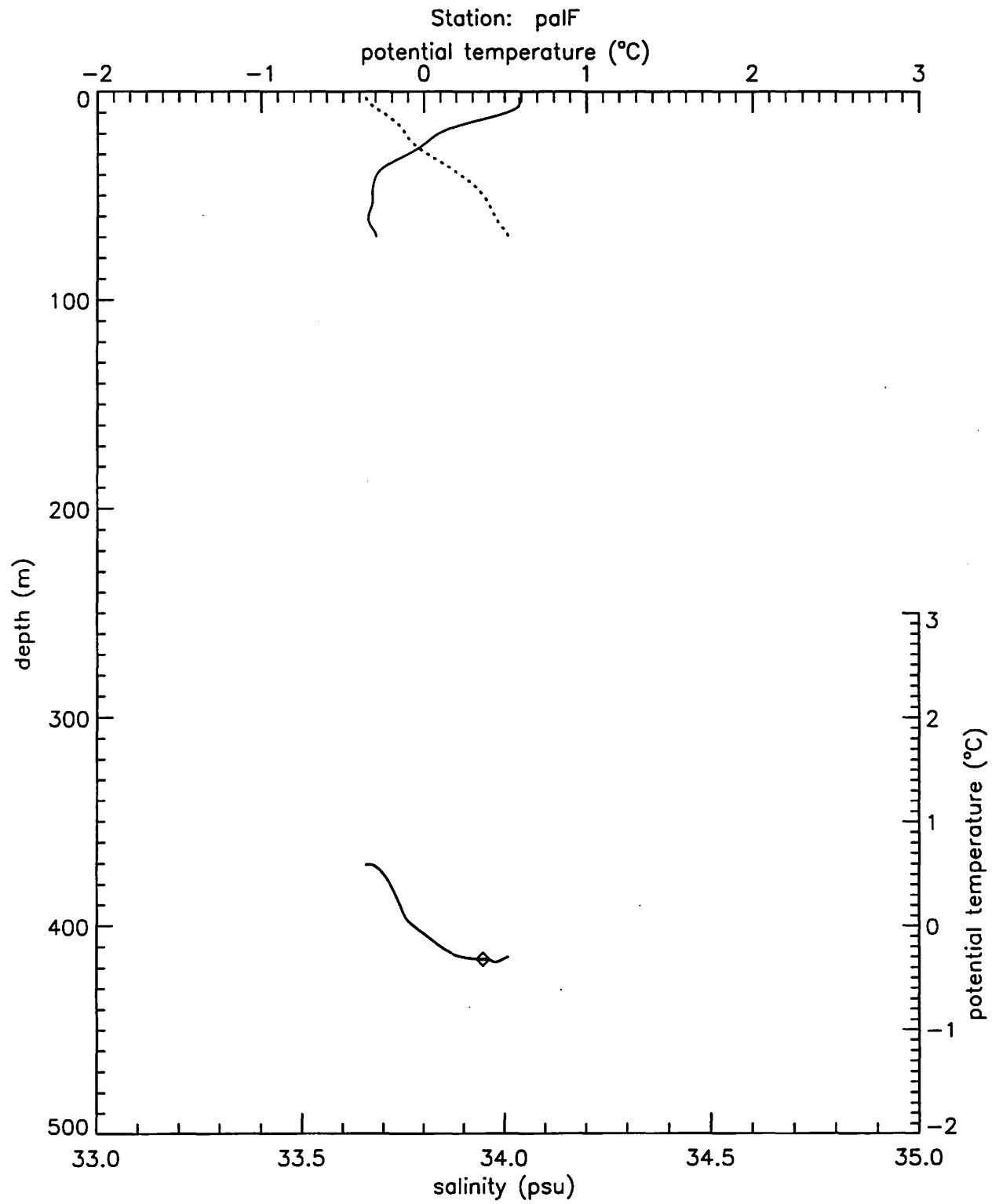
LTER 93a	Station: palG (223)	JulianDay: 17	GMT: 0901
	Latitude: 64° 48.12' S	Longitude: 64° 6.04' W	Depth: 119 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.829	0.829	33.652	26.973	0.0022	6.94e-05
10	0.671	0.671	33.712	27.030	0.0074	9.11e-05
20	0.415	0.414	33.765	27.088	0.0173	5.01e-05
30	-0.026	-0.027	33.806	27.143	0.0266	4.26e-05
40	-0.238	-0.239	33.857	27.195	0.0355	6.31e-05
50	-0.282	-0.284	33.922	27.250	0.0439	3.62e-05
60	-0.200	-0.202	33.963	27.279	0.0518	2.96e-05
70	-0.178	-0.180	34.011	27.317	0.0595	3.58e-05
80	-0.150	-0.153	34.056	27.352	0.0668	3.79e-05
90	-0.127	-0.130	34.103	27.389	0.0737	2.90e-05
100	-0.066	-0.070	34.144	27.419	0.0803	2.12e-05



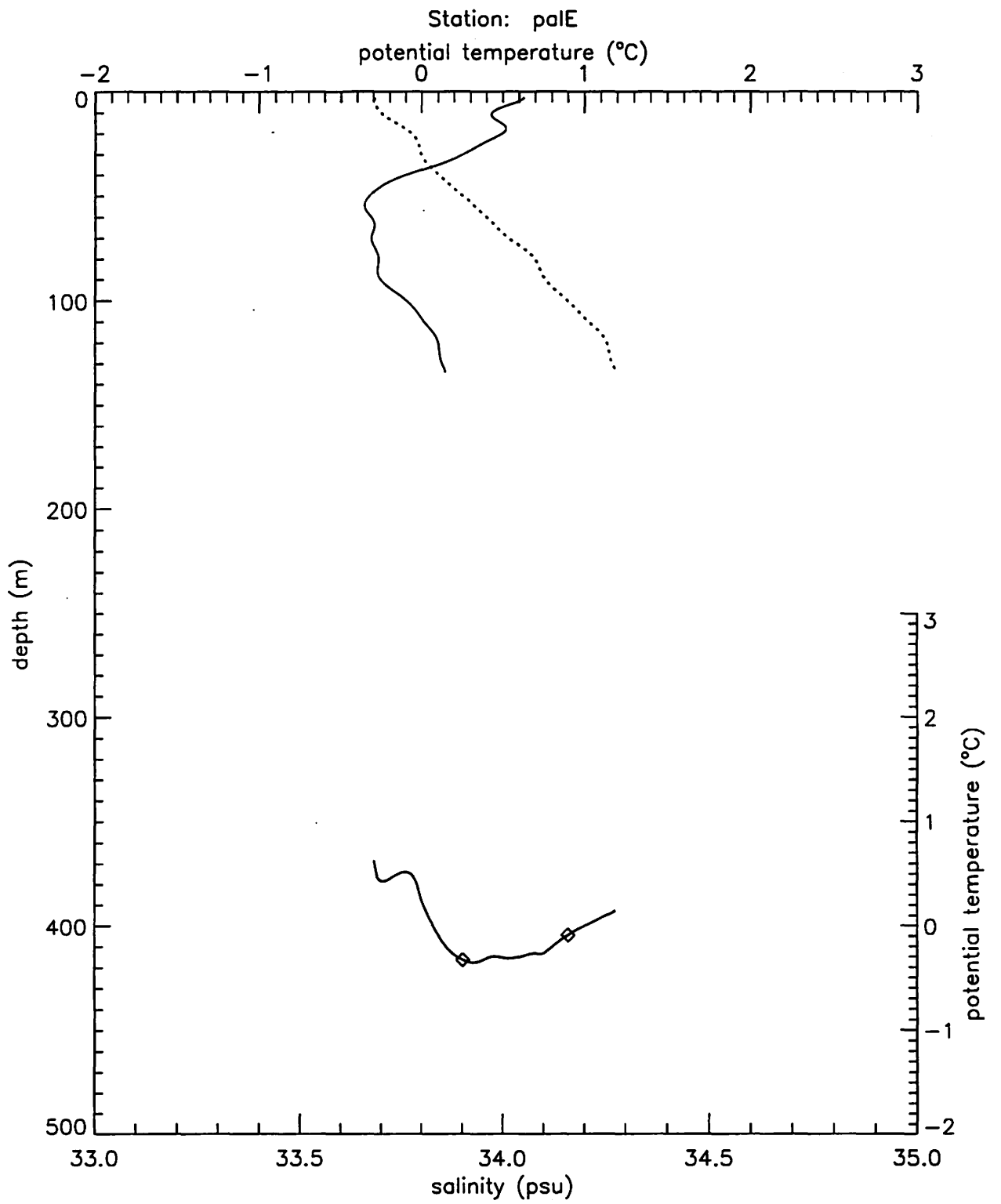
LTER 93a	Station: palF (224)	JulianDay: 17	GMT: 1008
	Latitude: 64° 48.31' S	Longitude: 64° 3.67' W	Depth: 81 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.591	0.591	33.662	26.994	0.0021	2.74e-05
10	0.513	0.513	33.697	27.027	0.0073	7.24e-05
20	0.089	0.089	33.753	27.095	0.0172	4.56e-05
30	-0.103	-0.104	33.809	27.150	0.0265	7.06e-05
40	-0.293	-0.294	33.891	27.225	0.0352	6.09e-05
50	-0.317	-0.319	33.947	27.271	0.0433	3.09e-05
60	-0.344	-0.346	33.975	27.296	0.0510	2.33e-05
70	-0.292	-0.294	34.009	27.321	0.0586	1.39e-05



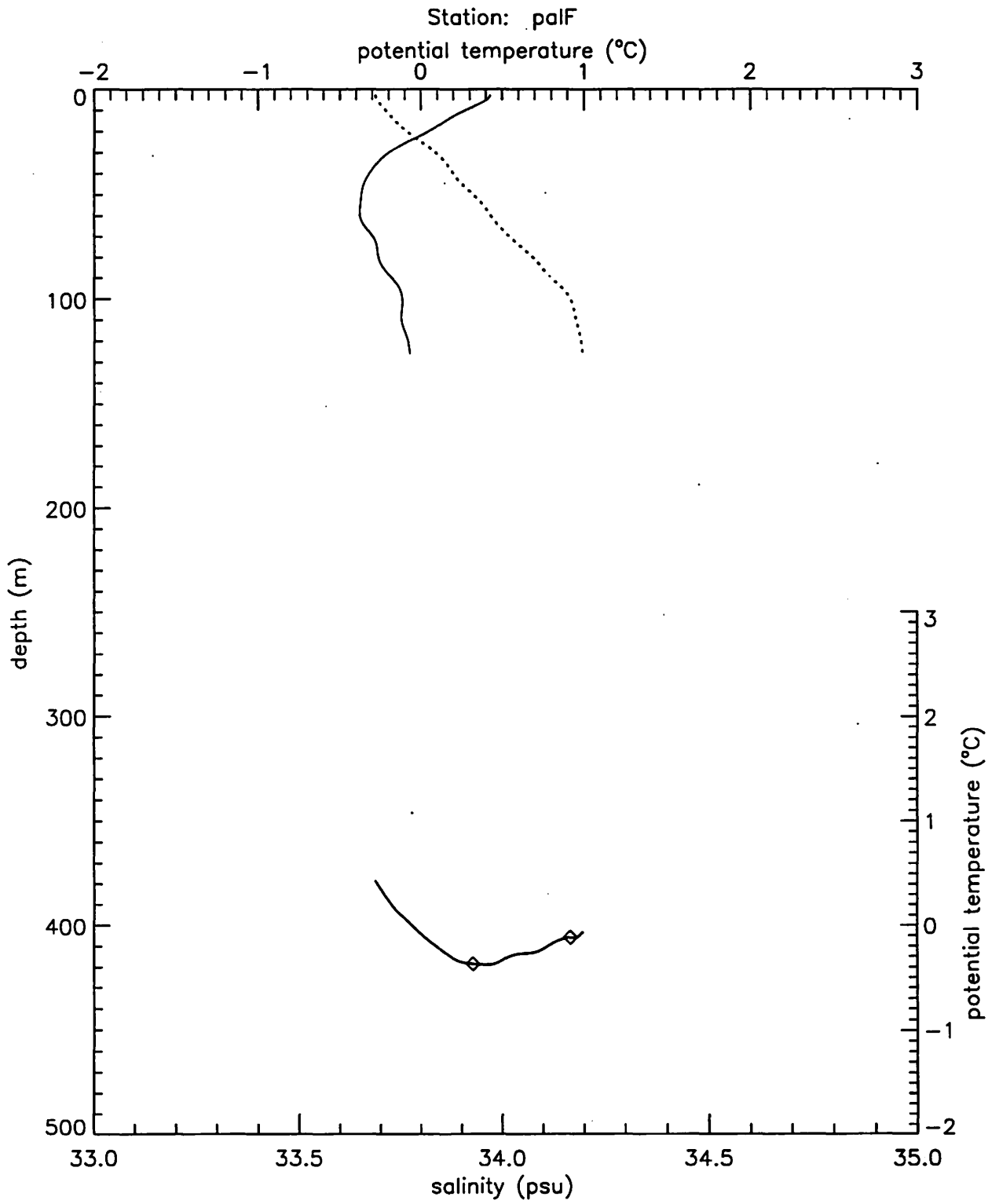
LTER 93a	Station: palE (225)	JulianDay: 17	GMT: 1127
	Latitude: 64° 48.89' S	Longitude: 64° 2.45' W	Depth: 146 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.589	0.588	33.684	27.012	0.0021	2.30e-05
10	0.435	0.434	33.699	27.033	0.0072	4.64e-05
20	0.497	0.497	33.775	27.091	0.0171	4.86e-05
30	0.257	0.256	33.799	27.124	0.0265	3.35e-05
40	-0.101	-0.102	33.844	27.178	0.0356	6.02e-05
50	-0.324	-0.326	33.902	27.235	0.0441	5.15e-05
60	-0.311	-0.313	33.960	27.282	0.0521	3.93e-05
70	-0.310	-0.313	34.014	27.325	0.0597	5.09e-05
80	-0.262	-0.265	34.080	27.376	0.0668	3.05e-05
90	-0.250	-0.253	34.106	27.397	0.0736	2.49e-05
100	-0.086	-0.090	34.161	27.433	0.0802	3.61e-05
110	0.021	0.017	34.211	27.468	0.0864	3.49e-05
120	0.107	0.103	34.254	27.499	0.0922	1.55e-05
130	0.131	0.127	34.268	27.508	0.0979	1.13e-05



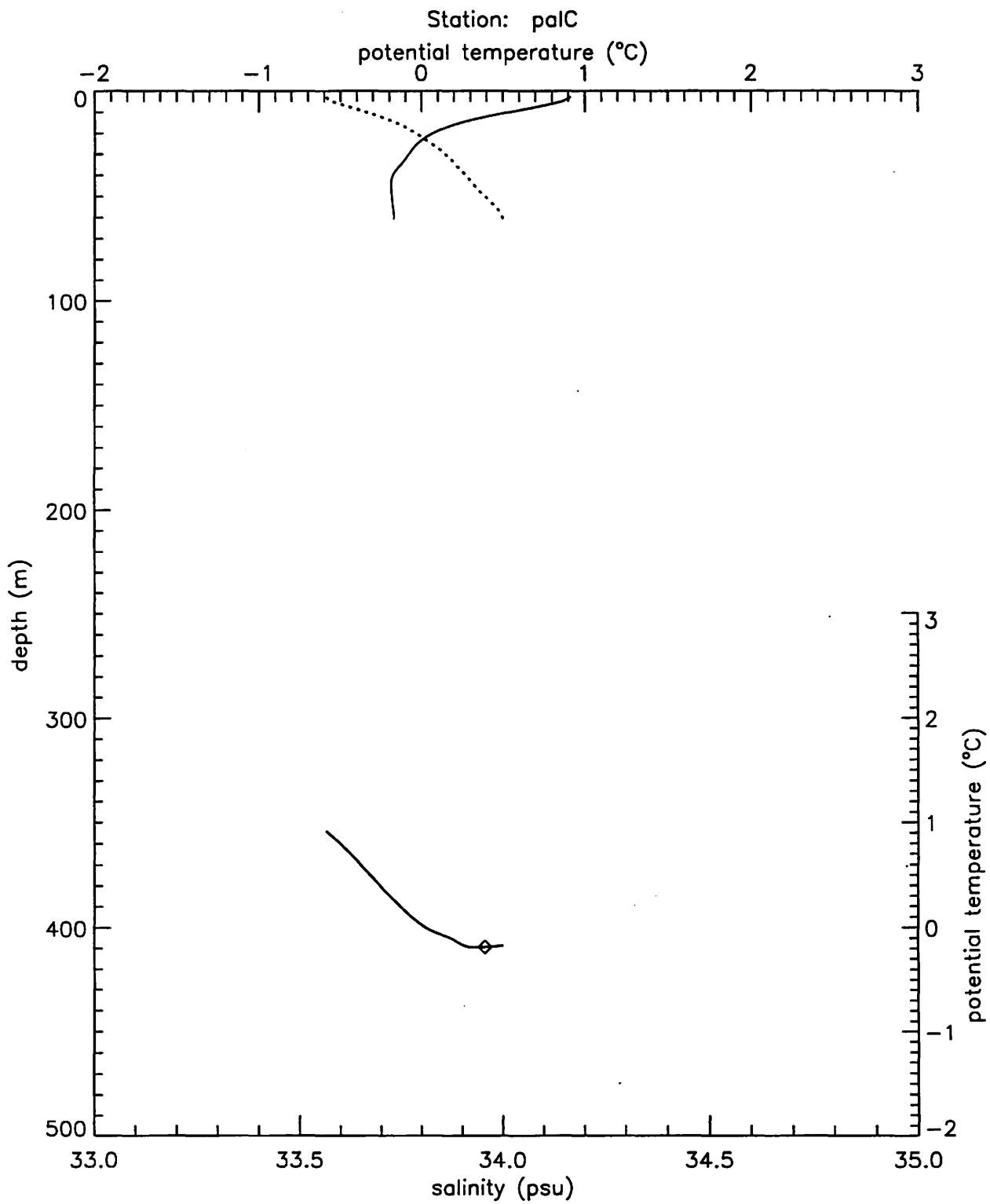
LTER 93a **Station:** palF (227) **JulianDay:** 17 **GMT:** 1257
Latitude: 64° 48.45' S **Longitude:** 64° 4.33' W **Depth:** 131 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.407	0.406	33.691	27.028	0.0020	2.86e-05
10	0.276	0.275	33.713	27.053	0.0071	4.80e-05
20	0.050	0.049	33.764	27.106	0.0168	6.13e-05
30	-0.196	-0.197	33.836	27.176	0.0260	5.70e-05
40	-0.316	-0.317	33.880	27.217	0.0345	3.41e-05
50	-0.366	-0.368	33.928	27.259	0.0428	4.14e-05
60	-0.375	-0.376	33.972	27.295	0.0506	2.99e-05
70	-0.296	-0.298	34.018	27.328	0.0581	3.84e-05
80	-0.260	-0.263	34.075	27.372	0.0653	3.70e-05
90	-0.176	-0.179	34.121	27.405	0.0720	3.45e-05
100	-0.111	-0.114	34.167	27.440	0.0785	2.11e-05
110	-0.116	-0.120	34.181	27.451	0.0847	7.82e-06
120	-0.076	-0.080	34.193	27.459	0.0909	6.00e-06



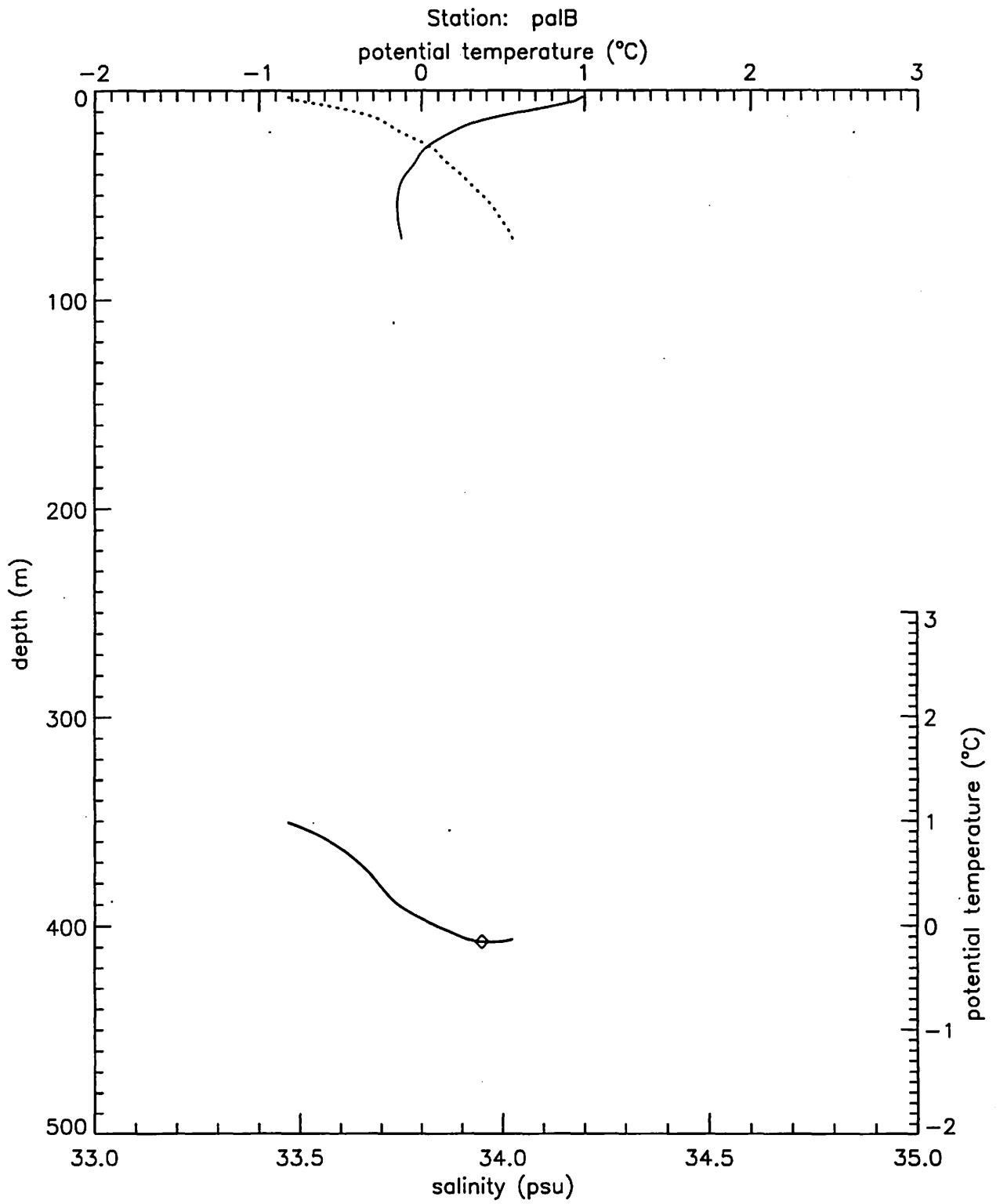
LTER 93a	Station: palC (228)	JulianDay: 17	GMT: 1356
	Latitude: 64° 47.35' S	Longitude: 64° 4.48' W	Depth: 68 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.863	0.863	33.580	26.912	0.0023	1.01e-04
10	0.549	0.549	33.661	26.996	0.0077	1.54e-04
20	0.074	0.074	33.784	27.121	0.0176	8.20e-05
30	-0.076	-0.077	33.858	27.188	0.0266	5.24e-05
40	-0.175	-0.177	33.909	27.234	0.0350	3.94e-05
50	-0.182	-0.184	33.956	27.272	0.0431	3.90e-05
60	-0.169	-0.171	33.999	27.307	0.0508	1.12e-05



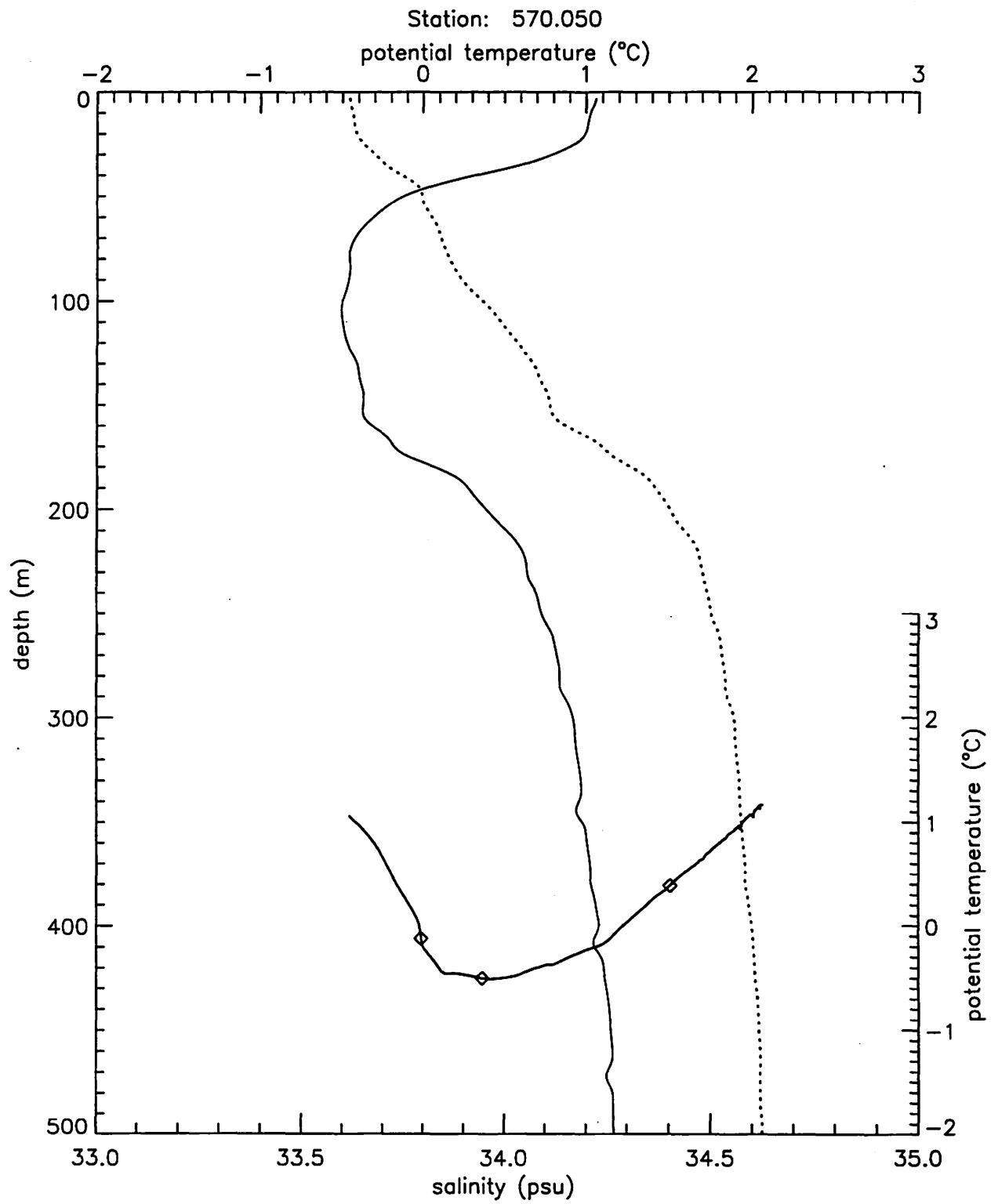
LTER 93a	Station: palB (229)	JulianDay: 17	GMT: 1533
	Latitude: 64° 46.80' S	Longitude: 64° 4.48' W	Depth: 79 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.941	0.941	33.500	26.843	0.0024	1.71e-04
10	0.636	0.636	33.632	26.968	0.0081	1.94e-04
20	0.185	0.184	33.748	27.086	0.0182	8.94e-05
30	-0.004	-0.005	33.841	27.171	0.0274	5.44e-05
40	-0.096	-0.097	33.896	27.220	0.0361	4.78e-05
50	-0.145	-0.146	33.949	27.265	0.0442	4.04e-05
60	-0.145	-0.147	33.991	27.299	0.0520	2.68e-05
70	-0.123	-0.126	34.023	27.324	0.0595	1.03e-05



LTER 93a Station: 570.050 (430) JulianDay: 22 GMT: 0128
Latitude: 65° 4.63' S Longitude: 64° 58.94' W Depth: 526 m

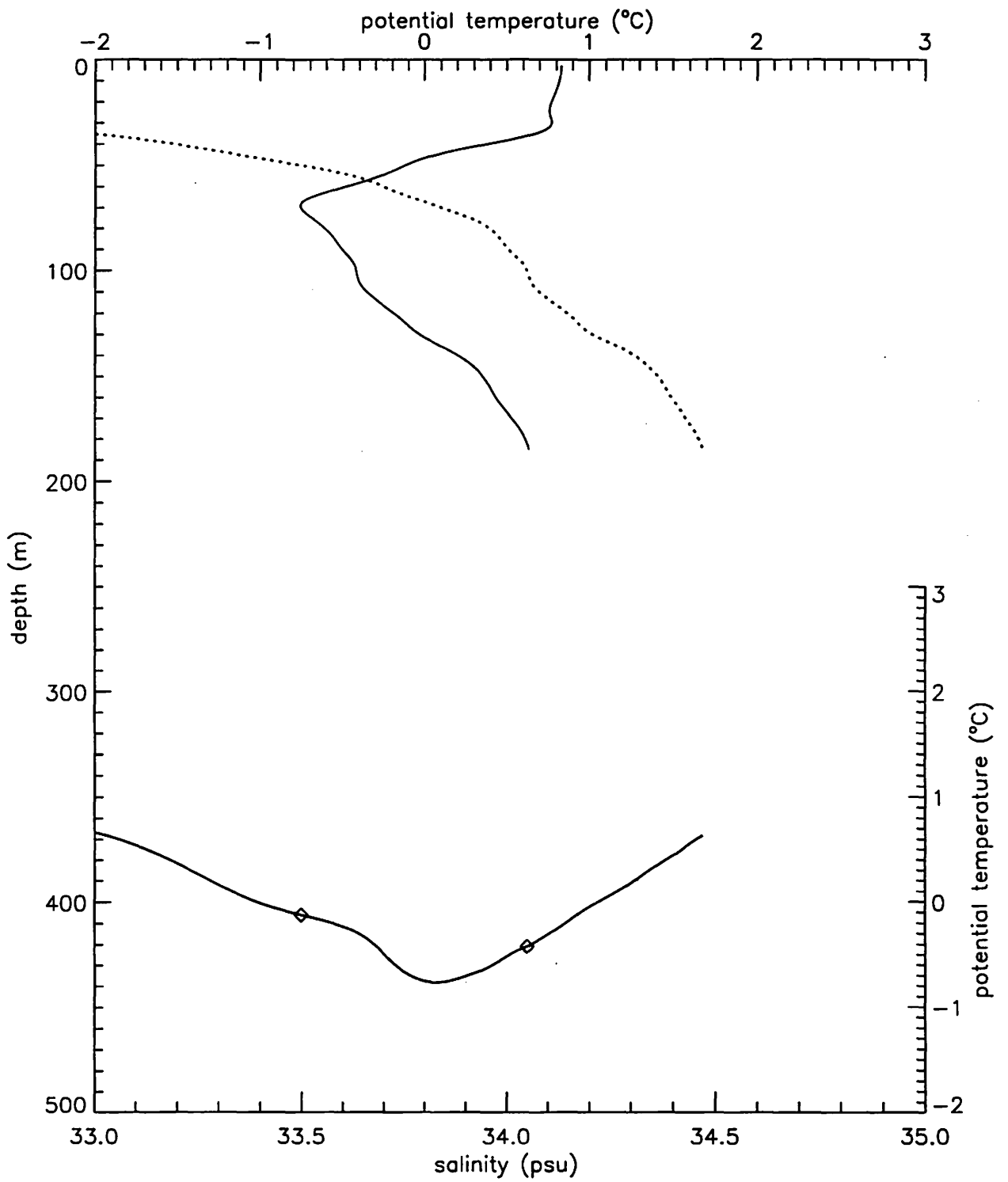
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.054	1.054	33.620	26.932	0.0022	1.05e-05
10	1.028	1.028	33.626	26.939	0.0078	1.02e-05
20	0.995	0.994	33.635	26.949	0.0188	2.31e-05
30	0.792	0.791	33.681	26.998	0.0296	6.28e-05
40	0.321	0.320	33.748	27.079	0.0397	8.83e-05
50	-0.119	-0.120	33.796	27.141	0.0491	2.90e-05
60	-0.304	-0.306	33.822	27.170	0.0581	2.99e-05
70	-0.420	-0.422	33.844	27.193	0.0668	1.76e-05
80	-0.452	-0.455	33.865	27.211	0.0753	2.02e-05
90	-0.459	-0.461	33.896	27.237	0.0837	3.15e-05
100	-0.496	-0.499	33.947	27.280	0.0917	4.24e-05
110	-0.495	-0.499	33.992	27.316	0.0993	3.12e-05
120	-0.468	-0.471	34.033	27.348	0.1066	2.89e-05
130	-0.404	-0.408	34.072	27.377	0.1136	2.29e-05
140	-0.380	-0.385	34.094	27.394	0.1204	1.74e-05
150	-0.366	-0.371	34.114	27.409	0.1270	1.02e-05
160	-0.311	-0.317	34.151	27.437	0.1335	5.60e-05
180	0.082	0.075	34.311	27.546	0.1450	4.63e-05
200	0.398	0.390	34.404	27.604	0.1550	1.69e-05
220	0.623	0.613	34.471	27.644	0.1642	1.07e-05
240	0.708	0.697	34.493	27.657	0.1728	6.74e-06
260	0.804	0.793	34.520	27.673	0.1813	8.02e-06
280	0.855	0.843	34.536	27.683	0.1895	2.61e-06
300	0.935	0.921	34.557	27.694	0.1975	4.98e-06
320	0.967	0.952	34.564	27.698	0.2054	2.49e-06
340	0.975	0.960	34.571	27.703	0.2133	3.89e-06
360	1.026	1.009	34.579	27.707	0.2210	1.95e-06
380	1.052	1.034	34.585	27.709	0.2287	2.31e-06
400	1.100	1.081	34.599	27.718	0.2363	5.66e-06
420	1.131	1.111	34.606	27.721	0.2438	6.08e-07
440	1.165	1.144	34.615	27.726	0.2513	1.52e-06
460	1.185	1.163	34.620	27.729	0.2587	7.91e-07
480	1.186	1.162	34.620	27.729	0.2661	-2.25e-06
500	1.195	1.171	34.624	27.732	0.2735	0.00e+00



LTER 93a	Station: 570.030 (440)	JulianDay: 22	GMT: 0825
	Latitude: 65° 11.68' S	Longitude: 64° 39.64' W	Depth: 207 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.830	0.830	32.654	26.169	0.0037	3.22e-06
10	0.820	0.820	32.664	26.178	0.0128	2.50e-05
20	0.772	0.771	32.704	26.213	0.0310	3.87e-05
30	0.773	0.772	32.811	26.299	0.0486	2.06e-04
40	0.384	0.382	33.192	26.628	0.0643	3.07e-04
50	-0.121	-0.122	33.499	26.900	0.0769	2.33e-04
60	-0.479	-0.481	33.698	27.078	0.0874	1.26e-04
70	-0.756	-0.758	33.839	27.203	0.0965	1.13e-04
80	-0.609	-0.612	33.958	27.294	0.1046	5.41e-05
90	-0.502	-0.505	34.005	27.327	0.1121	3.13e-05
100	-0.417	-0.420	34.050	27.359	0.1193	1.98e-05
110	-0.351	-0.355	34.079	27.380	0.1262	3.52e-05
120	-0.186	-0.190	34.147	27.427	0.1329	4.12e-05
130	-0.024	-0.029	34.209	27.469	0.1391	5.63e-05
140	0.212	0.206	34.310	27.539	0.1448	5.05e-05
150	0.362	0.356	34.366	27.575	0.1500	2.50e-05
160	0.441	0.435	34.397	27.595	0.1549	2.05e-05
180	0.621	0.614	34.462	27.637	0.1642	1.35e-05

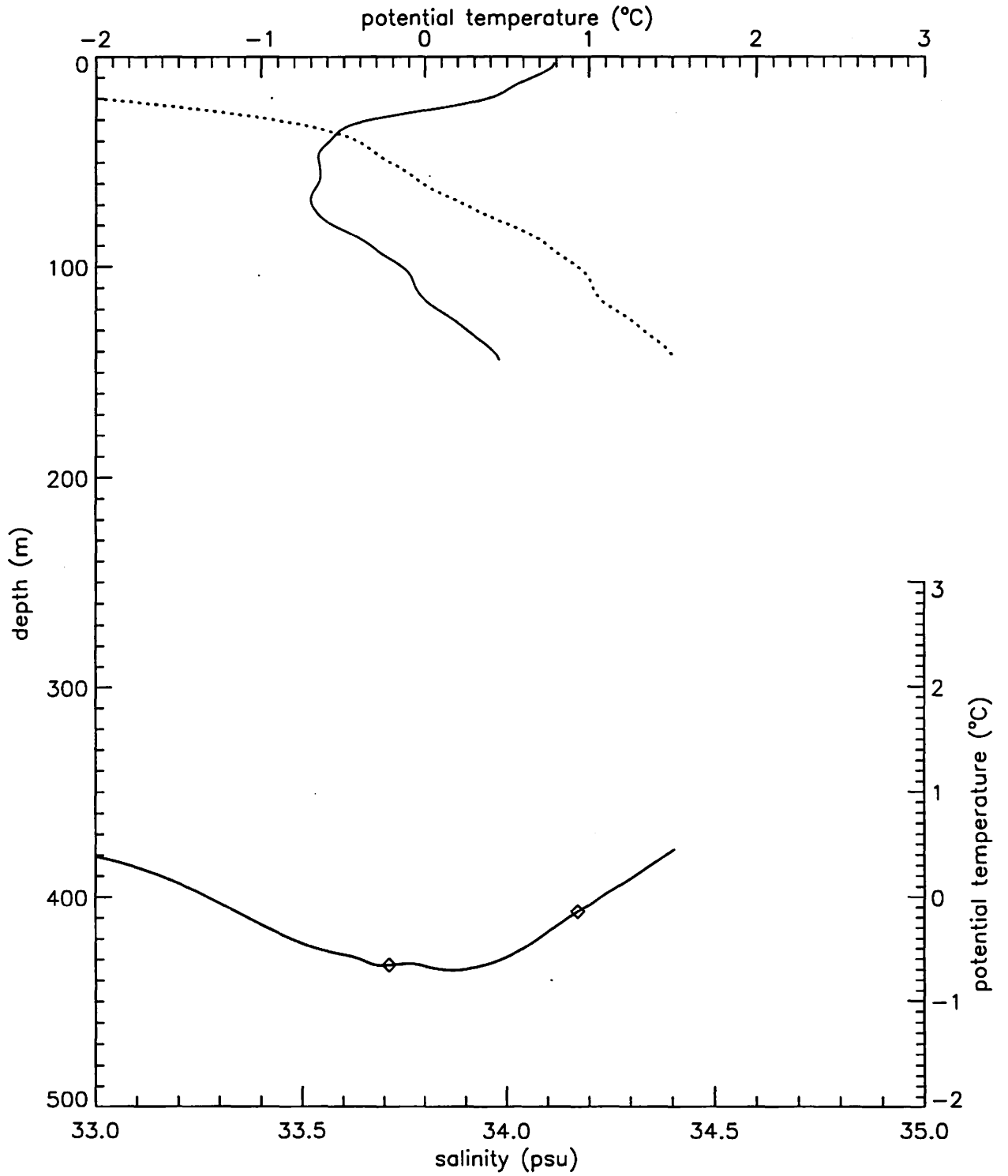
Station: 570.030



LTER 93a Station: 580.040 (455) JulianDay: 22 GMT: 1330
Latitude: 65° 4.01' S Longitude: 64° 40.92' W Depth: 298 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.775	0.774	32.564	26.100	0.0038	5.01e-05
10	0.655	0.655	32.633	26.163	0.0132	1.81e-04
20	0.387	0.386	33.004	26.476	0.0303	3.84e-04
30	-0.329	-0.330	33.432	26.856	0.0438	2.71e-04
40	-0.585	-0.586	33.634	27.030	0.0547	9.31e-05
50	-0.649	-0.651	33.712	27.096	0.0646	6.59e-05
60	-0.652	-0.654	33.792	27.161	0.0738	6.70e-05
70	-0.691	-0.693	33.895	27.246	0.0823	8.22e-05
80	-0.557	-0.559	34.010	27.333	0.0900	8.00e-05
90	-0.331	-0.334	34.101	27.397	0.0970	4.62e-05
100	-0.139	-0.142	34.173	27.446	0.1035	4.15e-05
110	-0.053	-0.057	34.210	27.472	0.1095	1.72e-05
120	0.078	0.073	34.259	27.504	0.1154	4.82e-05
130	0.263	0.258	34.332	27.553	0.1209	3.92e-05
140	0.425	0.420	34.393	27.593	0.1259	2.06e-05

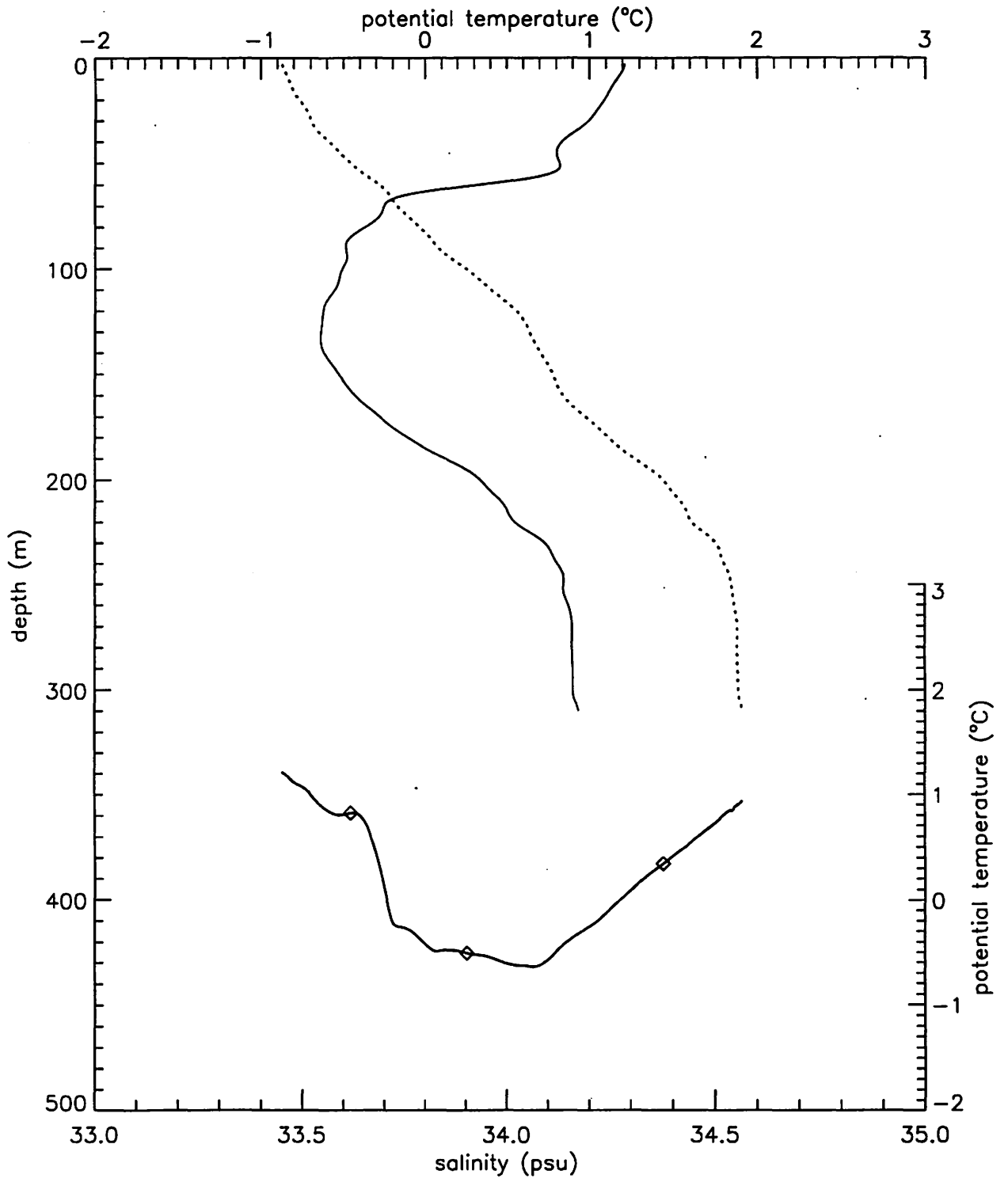
Station: 580.040



LTER 93a	Station: 580.060 (471)	JulianDay: 22	GMT: 1722
	Latitude: 64° 57.10' S	Longitude: 64° 59.91' W	Depth: 387 m

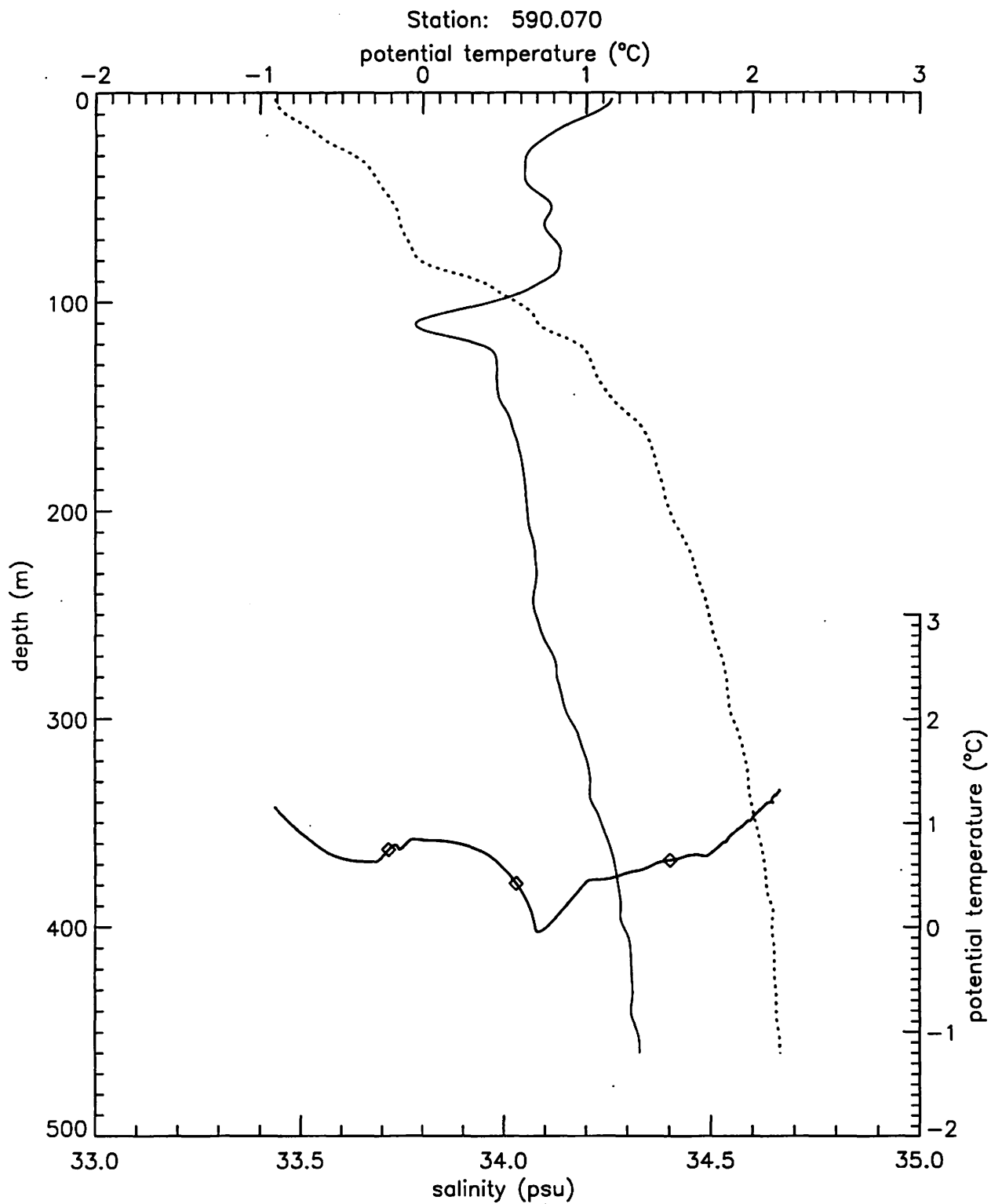
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.207	1.207	33.455	26.790	0.0025	1.59e-05
10	1.167	1.167	33.467	26.802	0.0087	2.21e-05
20	1.091	1.090	33.493	26.828	0.0210	3.13e-05
30	0.995	0.994	33.521	26.857	0.0329	2.98e-05
40	0.834	0.833	33.567	26.904	0.0445	4.77e-05
50	0.825	0.823	33.618	26.945	0.0557	4.78e-05
60	0.333	0.331	33.688	27.030	0.0664	9.73e-05
70	-0.250	-0.252	33.732	27.095	0.0762	4.20e-05
80	-0.367	-0.369	33.787	27.144	0.0855	4.95e-05
90	-0.483	-0.486	33.833	27.187	0.0944	4.27e-05
100	-0.504	-0.507	33.903	27.245	0.1028	5.59e-05
110	-0.549	-0.552	33.963	27.295	0.1107	4.92e-05
120	-0.619	-0.622	34.025	27.348	0.1181	4.10e-05
130	-0.631	-0.635	34.057	27.375	0.1251	1.90e-05
140	-0.612	-0.616	34.084	27.396	0.1319	2.12e-05
150	-0.522	-0.526	34.113	27.415	0.1385	1.36e-05
160	-0.421	-0.427	34.138	27.431	0.1449	2.36e-05
180	-0.095	-0.102	34.248	27.504	0.1569	3.18e-05
200	0.351	0.343	34.378	27.585	0.1676	2.85e-05
220	0.561	0.552	34.446	27.628	0.1770	2.29e-05
240	0.819	0.808	34.522	27.674	0.1856	1.16e-05
260	0.886	0.875	34.546	27.689	0.1937	3.28e-06
280	0.911	0.898	34.553	27.693	0.2016	5.47e-07
300	0.915	0.902	34.556	27.695	0.2096	2.43e-06

Station: 580.060



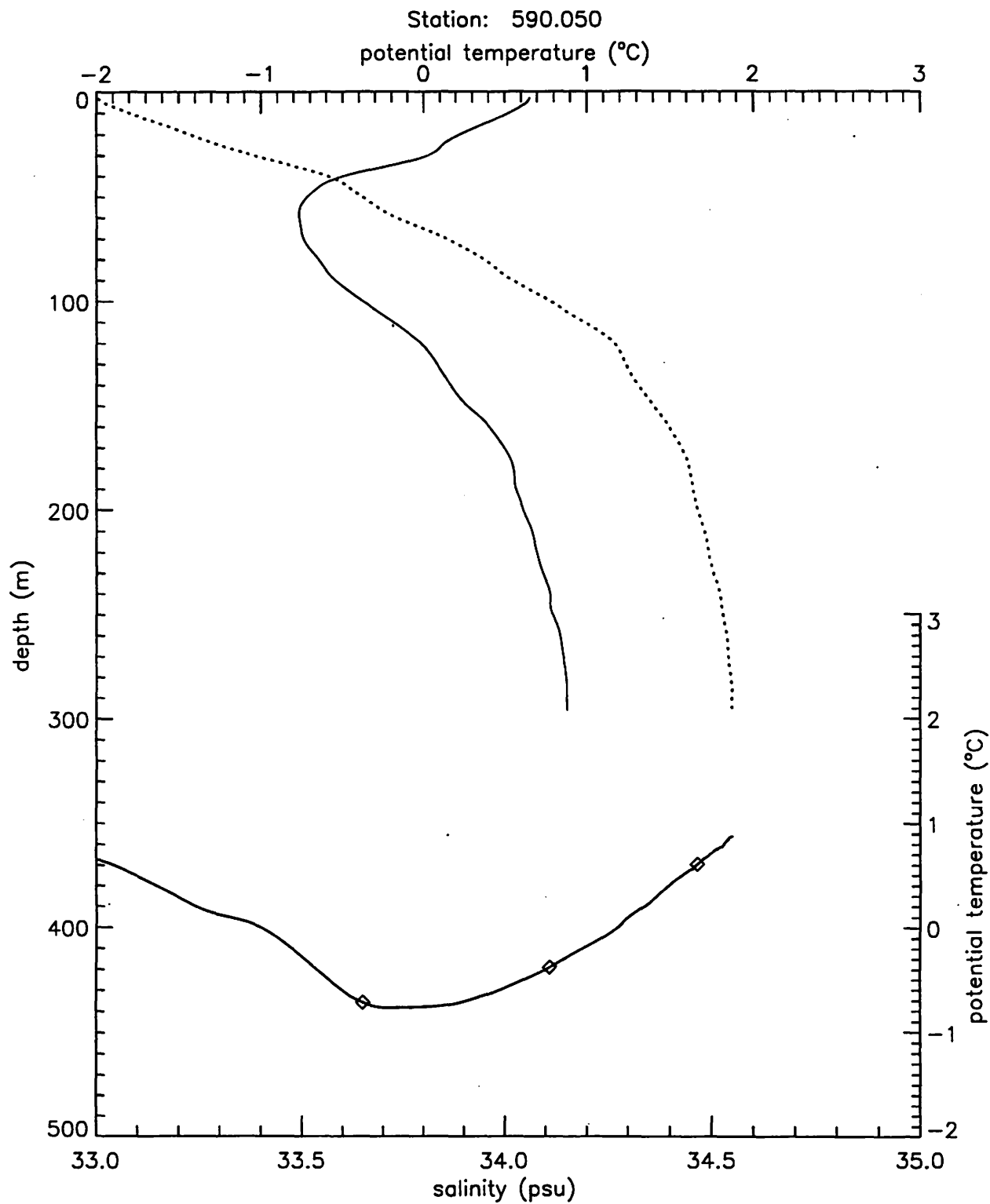
LTER 93a Station: 590.070 (488) JulianDay: 22 GMT: 2316
 Latitude: 64° 49.29' S Longitude: 65° 1.02' W Depth: 512 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.139	1.139	33.439	26.781	0.0025	2.12e-05
10	1.036	1.035	33.462	26.807	0.0087	6.66e-05
20	0.774	0.773	33.541	26.886	0.0207	7.07e-05
30	0.635	0.634	33.630	26.966	0.0318	6.67e-05
40	0.626	0.624	33.681	27.008	0.0424	2.47e-05
50	0.745	0.743	33.716	27.029	0.0527	1.94e-05
60	0.759	0.757	33.740	27.048	0.0628	1.37e-05
70	0.805	0.802	33.760	27.061	0.0728	1.45e-05
80	0.842	0.839	33.793	27.085	0.0826	6.78e-05
90	0.739	0.735	33.941	27.211	0.0917	1.11e-04
100	0.423	0.419	34.030	27.301	0.0998	9.04e-05
110	-0.042	-0.046	34.082	27.367	0.1070	4.65e-05
120	0.343	0.339	34.181	27.426	0.1138	4.24e-05
130	0.459	0.454	34.215	27.448	0.1201	1.49e-05
140	0.461	0.455	34.239	27.467	0.1262	2.42e-05
150	0.500	0.494	34.280	27.498	0.1321	3.63e-05
160	0.556	0.550	34.334	27.538	0.1377	2.83e-05
180	0.623	0.615	34.372	27.564	0.1482	8.98e-06
200	0.650	0.642	34.402	27.587	0.1583	1.33e-05
220	0.699	0.689	34.451	27.624	0.1678	1.47e-05
240	0.692	0.682	34.483	27.650	0.1768	1.39e-05
260	0.746	0.734	34.507	27.666	0.1854	8.62e-06
280	0.834	0.822	34.536	27.684	0.1936	4.74e-06
300	0.914	0.901	34.553	27.693	0.2016	9.29e-06
320	1.020	1.005	34.584	27.710	0.2094	4.50e-06
340	1.052	1.036	34.597	27.719	0.2170	3.59e-06
360	1.158	1.140	34.620	27.730	0.2244	5.35e-06
380	1.214	1.195	34.633	27.737	0.2316	3.89e-06
400	1.246	1.226	34.646	27.746	0.2387	-3.10e-06
420	1.293	1.272	34.652	27.747	0.2458	3.04e-07
440	1.291	1.269	34.656	27.750	0.2528	7.30e-07
460	1.347	1.324	34.666	27.755	0.2598	0.00e+00



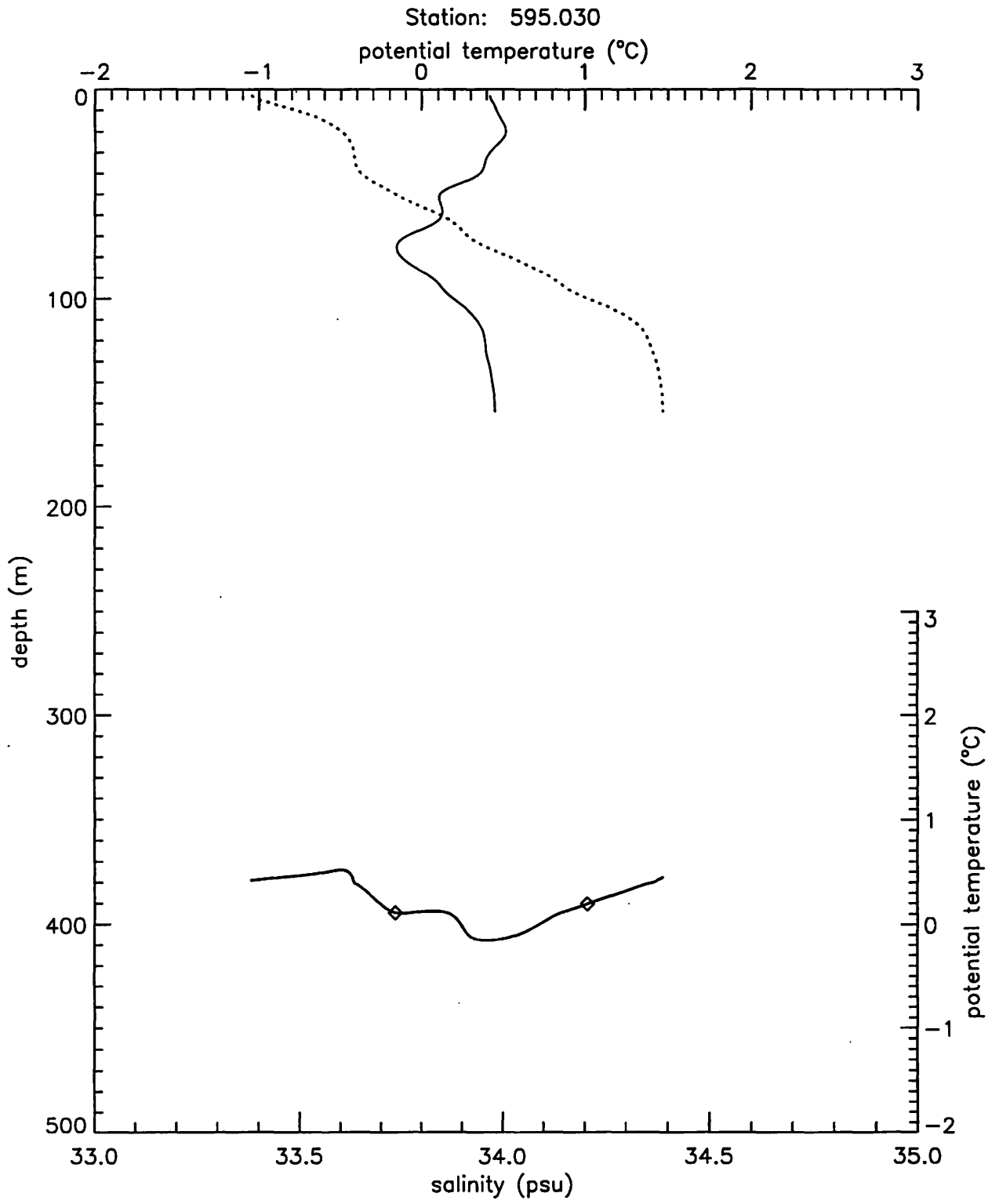
LTER 93a Station: 590.050 (501) JulianDay: 23 GMT: 0314
Latitude: 64° 56.46' S Longitude: 64° 41.93' W Depth: 359 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.638	0.637	33.016	26.472	0.0031	7.60e-05
10	0.532	0.532	33.080	26.529	0.0107	1.20e-04
20	0.234	0.234	33.226	26.662	0.0250	1.25e-04
30	0.032	0.031	33.386	26.802	0.0381	1.56e-04
40	-0.494	-0.495	33.565	26.971	0.0496	1.23e-04
50	-0.714	-0.715	33.649	27.048	0.0599	6.15e-05
60	-0.763	-0.765	33.730	27.115	0.0696	8.39e-05
70	-0.737	-0.739	33.854	27.215	0.0785	8.34e-05
80	-0.646	-0.648	33.947	27.286	0.0866	5.66e-05
90	-0.542	-0.545	34.017	27.339	0.0941	5.77e-05
100	-0.375	-0.378	34.110	27.406	0.1010	5.90e-05
110	-0.185	-0.189	34.194	27.465	0.1073	5.68e-05
120	-0.015	-0.019	34.267	27.516	0.1131	3.00e-05
130	0.087	0.082	34.294	27.532	0.1186	1.32e-05
140	0.172	0.167	34.324	27.551	0.1239	2.29e-05
150	0.276	0.270	34.360	27.575	0.1291	2.13e-05
160	0.410	0.404	34.398	27.598	0.1340	1.83e-05
180	0.562	0.554	34.447	27.629	0.1433	8.31e-06
200	0.621	0.612	34.466	27.641	0.1523	7.83e-06
220	0.705	0.696	34.493	27.657	0.1610	4.92e-06
240	0.788	0.777	34.520	27.674	0.1694	6.50e-06
260	0.850	0.839	34.536	27.683	0.1776	3.52e-06
280	0.888	0.875	34.546	27.689	0.1857	3.10e-06



LTER 93a	Station: 595.030 (516)	JulianDay: 23	GMT: 0938
	Latitude: 65° 1.76' S	Longitude: 64° 18.65' W	Depth: 137 m

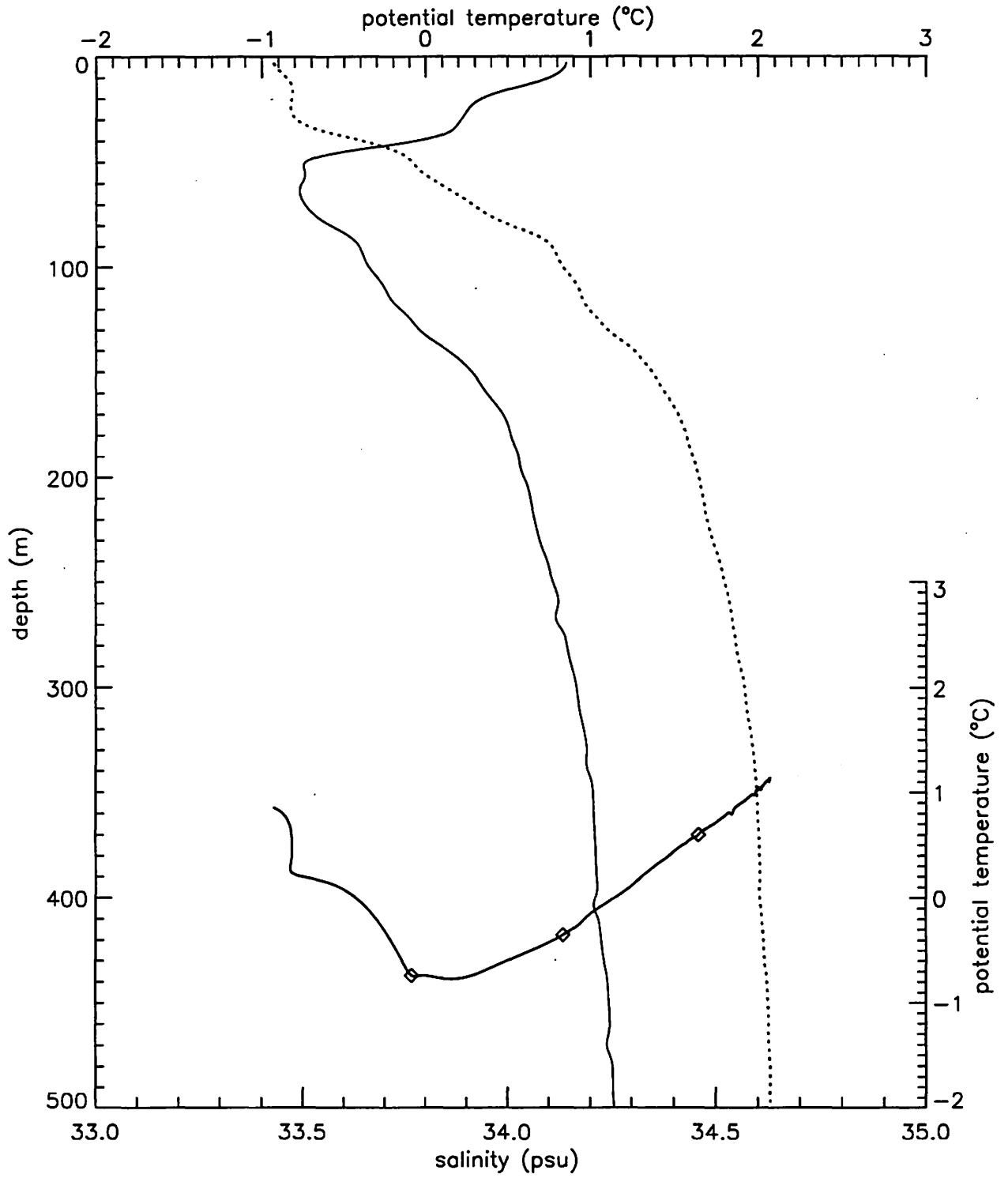
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.427	0.426	33.399	26.791	0.0025	9.25e-05
10	0.462	0.461	33.491	26.864	0.0086	1.22e-04
20	0.519	0.518	33.602	26.950	0.0199	4.96e-05
30	0.421	0.420	33.632	26.980	0.0306	1.42e-05
40	0.360	0.359	33.650	26.998	0.0412	4.97e-05
50	0.112	0.111	33.735	27.079	0.0514	8.24e-05
60	0.127	0.125	33.848	27.170	0.0607	8.13e-05
70	-0.091	-0.093	33.914	27.234	0.0692	6.29e-05
80	-0.123	-0.125	34.017	27.319	0.0771	8.43e-05
90	0.069	0.065	34.119	27.391	0.0841	5.57e-05
100	0.200	0.196	34.207	27.456	0.0906	8.01e-05
110	0.342	0.338	34.313	27.533	0.0964	5.04e-05
120	0.395	0.391	34.354	27.563	0.1016	1.66e-05
130	0.418	0.413	34.373	27.578	0.1067	9.95e-06
140	0.442	0.436	34.383	27.584	0.1117	4.37e-06
150	0.458	0.452	34.388	27.588	0.1166	1.46e-06



LTER 93a Station: 600.040 (526) JulianDay: 23 GMT: 1307
 Latitude: 64° 56.04' S Longitude: 64° 23.92' W Depth: 1467 m

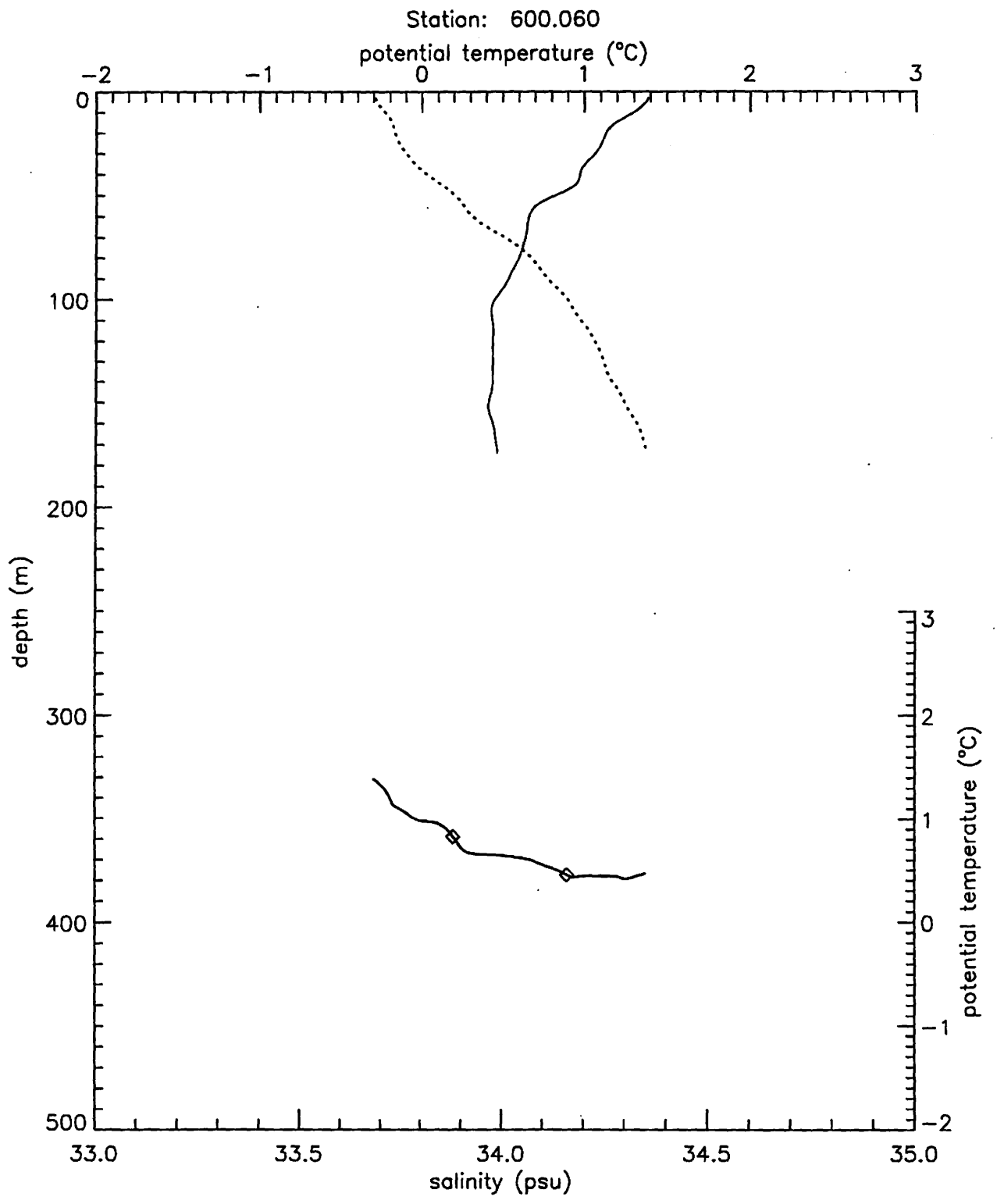
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.847	0.847	33.434	26.796	0.0025	2.96e-05
10	0.759	0.758	33.460	26.822	0.0086	4.80e-05
20	0.348	0.347	33.472	26.855	0.0206	1.22e-05
30	0.218	0.217	33.484	26.872	0.0324	6.09e-05
40	-0.049	-0.050	33.645	27.015	0.0436	1.75e-04
50	-0.737	-0.739	33.766	27.143	0.0531	5.92e-05
60	-0.756	-0.757	33.830	27.196	0.0620	6.59e-05
70	-0.736	-0.738	33.914	27.263	0.0703	5.63e-05
80	-0.580	-0.582	34.007	27.332	0.0780	8.58e-05
90	-0.406	-0.409	34.107	27.405	0.0848	3.31e-05
100	-0.345	-0.348	34.135	27.425	0.0914	2.34e-05
110	-0.249	-0.253	34.173	27.451	0.0977	1.56e-05
120	-0.153	-0.157	34.198	27.466	0.1038	2.47e-05
130	-0.033	-0.038	34.243	27.497	0.1097	3.40e-05
140	0.144	0.138	34.306	27.538	0.1152	3.14e-05
150	0.287	0.281	34.347	27.564	0.1205	2.16e-05
160	0.378	0.372	34.379	27.584	0.1255	1.99e-05
180	0.527	0.519	34.429	27.616	0.1351	9.77e-06
200	0.608	0.600	34.459	27.636	0.1442	5.58e-06
220	0.673	0.664	34.478	27.647	0.1531	6.74e-06
240	0.751	0.740	34.508	27.666	0.1617	8.14e-06
260	0.820	0.808	34.532	27.682	0.1699	8.20e-06
280	0.874	0.861	34.548	27.691	0.1779	4.19e-06
300	0.932	0.919	34.568	27.703	0.1858	3.34e-06
320	0.978	0.963	34.582	27.712	0.1935	4.31e-06
340	1.005	0.989	34.594	27.720	0.2010	1.28e-06
360	1.039	1.022	34.599	27.722	0.2085	5.47e-07
380	1.054	1.036	34.604	27.725	0.2159	5.47e-07
400	1.050	1.031	34.604	27.725	0.2233	5.17e-06
420	1.087	1.067	34.613	27.730	0.2307	6.08e-07
440	1.126	1.105	34.621	27.734	0.2380	2.25e-06
460	1.140	1.118	34.625	27.736	0.2453	1.10e-06
480	1.158	1.135	34.629	27.738	0.2525	-5.48e-07
500	1.169	1.144	34.630	27.739	0.2598	-1.83e-06

Station: 600.040



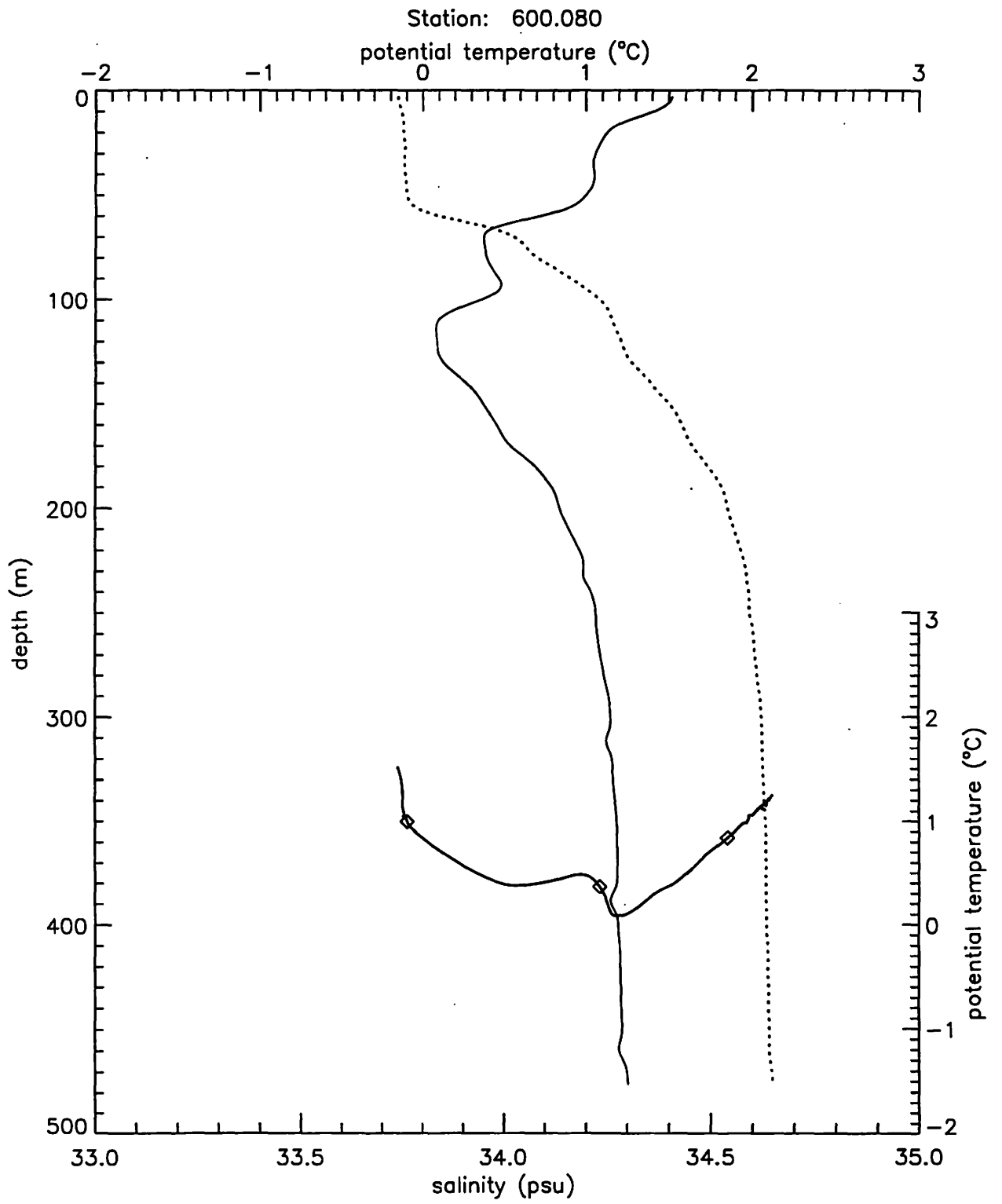
LTER 93a	Station: 600.060 (540)	JulianDay: 23	GMT: 1751
	Latitude: 64° 48.94' S	Longitude: 64° 42.92' W	Depth: 176 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.375	1.374	33.687	26.965	0.0022	2.66e-05
10	1.301	1.300	33.708	26.987	0.0075	4.03e-05
20	1.133	1.133	33.732	27.018	0.0180	2.03e-05
30	1.068	1.067	33.760	27.044	0.0282	3.65e-05
40	0.975	0.973	33.811	27.091	0.0380	5.50e-05
50	0.824	0.822	33.881	27.157	0.0473	5.79e-05
60	0.664	0.662	33.925	27.202	0.0561	4.73e-05
70	0.643	0.640	34.004	27.267	0.0644	6.53e-05
80	0.602	0.599	34.071	27.323	0.0720	4.05e-05
90	0.539	0.535	34.111	27.360	0.0793	3.97e-05
100	0.455	0.451	34.161	27.404	0.0861	3.42e-05
110	0.442	0.437	34.195	27.433	0.0926	2.87e-05
120	0.445	0.440	34.228	27.459	0.0989	2.02e-05
130	0.447	0.442	34.249	27.476	0.1049	1.31e-05
140	0.445	0.440	34.272	27.495	0.1108	2.46e-05
150	0.421	0.415	34.300	27.519	0.1165	2.10e-05
160	0.448	0.442	34.330	27.541	0.1220	1.90e-05



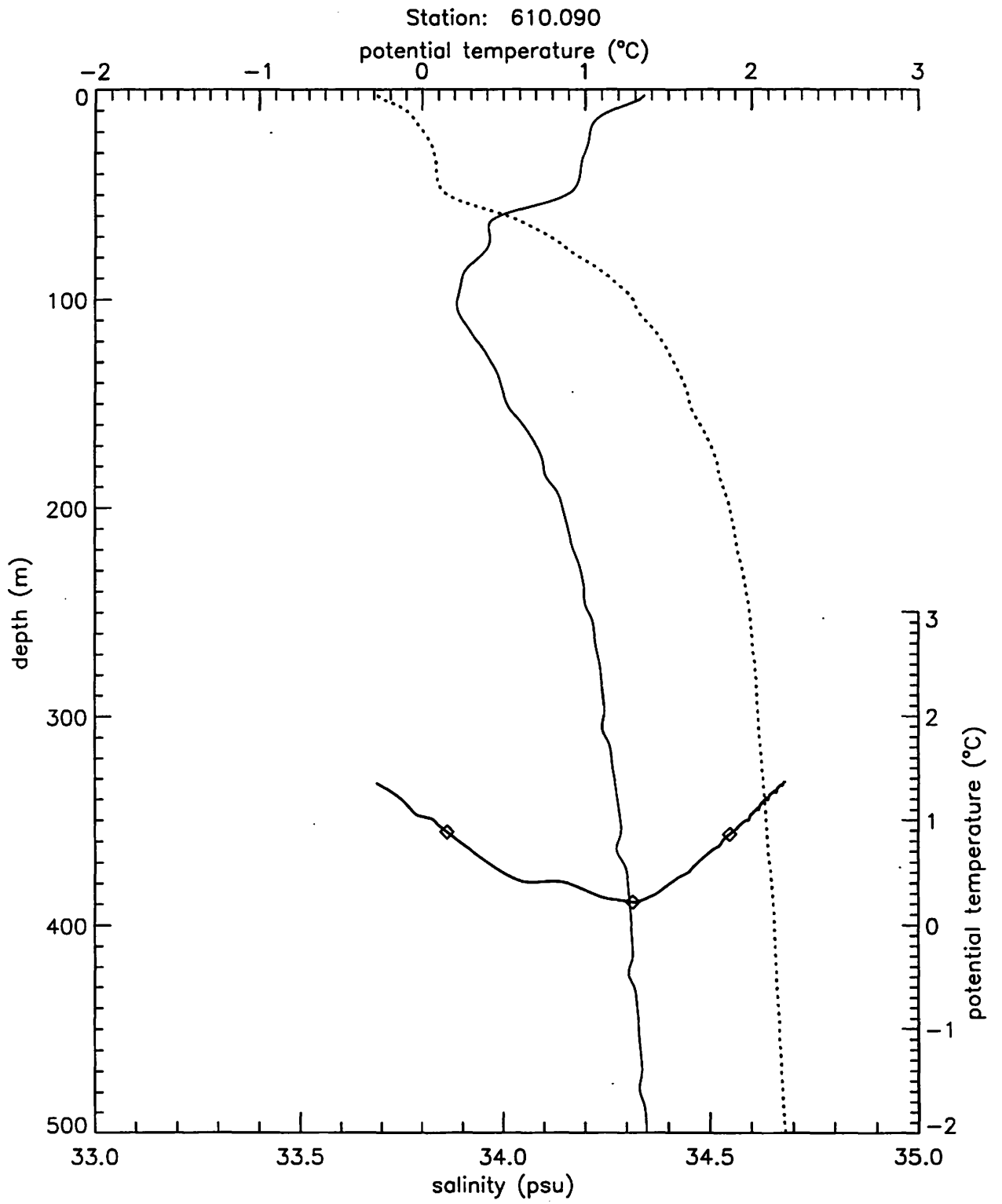
LTER 93a Station: 600.080 (555) JulianDay: 23 GMT: 2203
 Latitude: 64° 41.80' S Longitude: 65° 1.74' W Depth: 514 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.510	1.510	33.740	26.998	0.0021	9.88e-06
10	1.412	1.412	33.747	27.010	0.0073	2.67e-05
20	1.130	1.130	33.752	27.033	0.0176	1.17e-05
30	1.058	1.057	33.754	27.040	0.0277	2.72e-06
40	1.053	1.051	33.756	27.042	0.0378	4.24e-06
50	1.002	1.000	33.762	27.050	0.0479	2.16e-05
60	0.721	0.719	33.843	27.132	0.0576	1.65e-04
70	0.380	0.378	34.026	27.300	0.0659	8.18e-05
80	0.401	0.397	34.084	27.345	0.0733	5.18e-05
90	0.474	0.471	34.165	27.406	0.0803	5.61e-05
100	0.372	0.368	34.234	27.468	0.0866	5.67e-05
110	0.103	0.099	34.264	27.507	0.0924	2.27e-05
120	0.093	0.088	34.286	27.525	0.0980	1.47e-05
130	0.135	0.130	34.312	27.544	0.1034	2.64e-05
140	0.278	0.273	34.358	27.573	0.1086	2.55e-05
150	0.380	0.375	34.402	27.603	0.1135	2.61e-05
160	0.465	0.459	34.432	27.622	0.1182	1.40e-05
180	0.702	0.694	34.494	27.658	0.1271	2.05e-05
200	0.850	0.842	34.541	27.687	0.1353	7.04e-06
220	0.972	0.963	34.573	27.704	0.1431	8.62e-06
240	1.042	1.031	34.592	27.715	0.1507	-6.07e-07
260	1.080	1.068	34.602	27.721	0.1582	2.92e-06
280	1.124	1.111	34.612	27.726	0.1656	2.85e-06
300	1.164	1.150	34.622	27.731	0.1729	2.37e-06
320	1.173	1.158	34.625	27.733	0.1801	-1.28e-06
340	1.193	1.177	34.628	27.735	0.1874	2.13e-06
360	1.208	1.191	34.633	27.738	0.1946	4.86e-07
380	1.208	1.189	34.633	27.738	0.2018	2.19e-06
400	1.216	1.196	34.634	27.738	0.2090	-2.43e-07
420	1.231	1.210	34.638	27.740	0.2162	5.47e-07
440	1.238	1.216	34.639	27.741	0.2233	4.87e-07
460	1.224	1.201	34.640	27.742	0.2305	9.74e-07



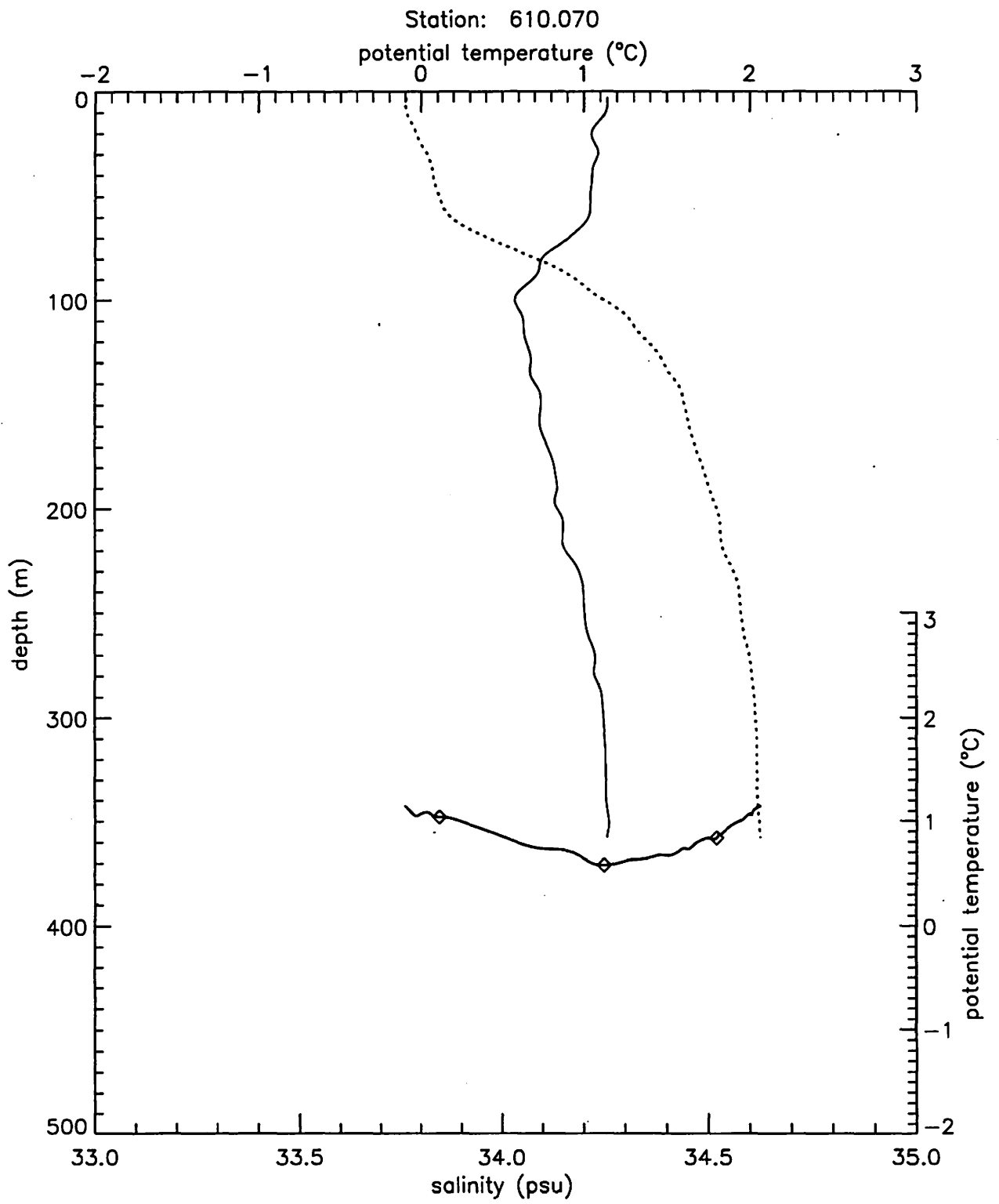
LTER 93a Station: 610.090 (565) JulianDay: 24 GMT: 0116
 Latitude: 64° 34.25' S Longitude: 65° 2.86' W Depth: 538 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.323	1.323	33.702	26.981	0.0021	8.89e-05
10	1.162	1.161	33.759	27.037	0.0073	7.94e-05
20	1.032	1.031	33.802	27.080	0.0172	3.04e-05
30	0.999	0.998	33.829	27.104	0.0268	1.42e-05
40	0.972	0.970	33.836	27.111	0.0363	6.30e-06
50	0.889	0.886	33.862	27.138	0.0456	8.09e-05
60	0.486	0.484	34.007	27.279	0.0542	1.27e-04
70	0.420	0.418	34.114	27.368	0.0615	6.46e-05
80	0.355	0.352	34.188	27.432	0.0682	6.84e-05
90	0.249	0.246	34.260	27.496	0.0743	5.00e-05
100	0.222	0.218	34.314	27.541	0.0798	2.80e-05
110	0.253	0.249	34.344	27.563	0.0851	2.86e-05
120	0.341	0.337	34.384	27.591	0.0901	2.01e-05
130	0.429	0.424	34.413	27.609	0.0949	1.58e-05
140	0.488	0.482	34.437	27.625	0.0995	1.30e-05
150	0.528	0.522	34.452	27.635	0.1040	8.43e-06
160	0.627	0.620	34.477	27.649	0.1085	1.54e-05
180	0.755	0.748	34.520	27.676	0.1169	6.61e-06
200	0.873	0.865	34.548	27.691	0.1250	6.31e-06
220	0.938	0.928	34.566	27.701	0.1328	4.92e-06
240	1.007	0.996	34.587	27.714	0.1405	6.98e-06
260	1.068	1.056	34.600	27.720	0.1479	1.82e-06
280	1.110	1.096	34.610	27.726	0.1553	2.13e-06
300	1.128	1.113	34.615	27.729	0.1627	3.34e-06
320	1.174	1.158	34.623	27.732	0.1699	1.34e-06
340	1.210	1.193	34.632	27.736	0.1772	2.55e-06
360	1.218	1.201	34.638	27.741	0.1844	3.46e-06
380	1.276	1.257	34.648	27.745	0.1915	2.19e-06
400	1.296	1.276	34.655	27.749	0.1985	1.82e-07
420	1.288	1.267	34.658	27.753	0.2055	3.16e-06
440	1.334	1.312	34.664	27.754	0.2125	8.52e-07
460	1.355	1.332	34.669	27.757	0.2194	2.19e-06
480	1.352	1.328	34.674	27.761	0.2263	1.83e-07



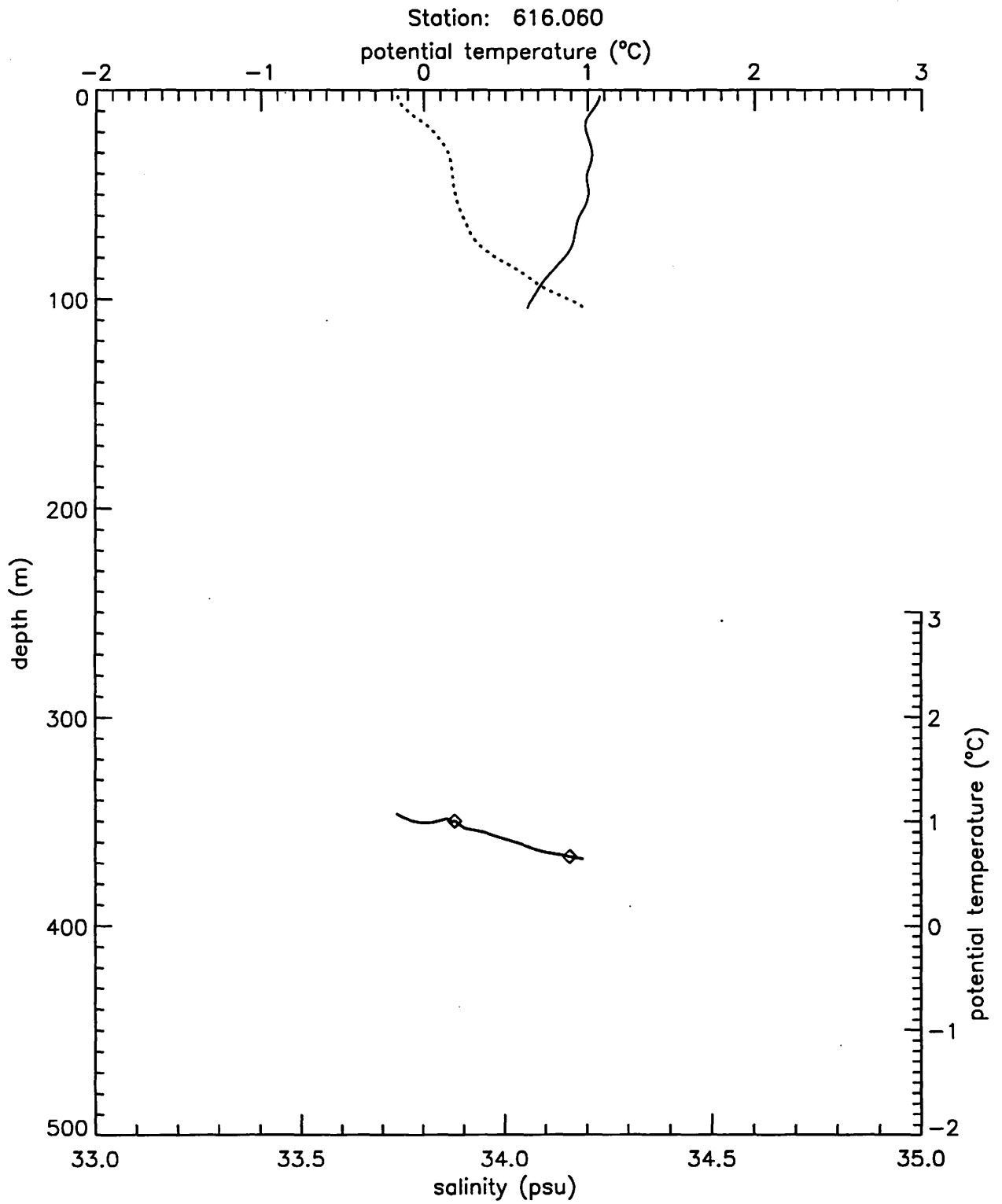
LTER 93a Station: 610.070 (580) JulianDay: 24 GMT: 0911
 Latitude: 64° 41.30' S Longitude: 64° 44.15' W Depth: 376 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.141	1.141	33.761	27.040	0.0020	-4.03e-07
10	1.133	1.132	33.764	27.043	0.0071	1.44e-05
20	1.048	1.047	33.787	27.067	0.0170	1.89e-05
30	1.089	1.088	33.815	27.087	0.0268	2.21e-05
40	1.054	1.053	33.830	27.101	0.0364	7.87e-06
50	1.043	1.040	33.845	27.114	0.0458	1.51e-05
60	1.032	1.030	33.873	27.137	0.0552	4.88e-05
70	0.910	0.907	33.965	27.219	0.0640	9.59e-05
80	0.747	0.744	34.084	27.325	0.0719	9.55e-05
90	0.689	0.686	34.181	27.407	0.0789	6.37e-05
100	0.581	0.577	34.248	27.467	0.0852	5.98e-05
110	0.635	0.630	34.314	27.517	0.0910	3.01e-05
120	0.651	0.646	34.354	27.548	0.0965	3.41e-05
130	0.682	0.677	34.392	27.577	0.1016	2.23e-05
140	0.708	0.702	34.425	27.602	0.1065	2.01e-05
150	0.745	0.739	34.443	27.614	0.1113	8.67e-06
160	0.738	0.731	34.453	27.623	0.1159	7.95e-06
180	0.828	0.820	34.486	27.644	0.1249	1.07e-05
200	0.846	0.837	34.520	27.670	0.1335	9.41e-06
220	0.895	0.885	34.535	27.679	0.1418	9.59e-06
240	1.008	0.997	34.574	27.703	0.1497	4.55e-06
260	1.033	1.021	34.585	27.710	0.1574	6.56e-06
280	1.078	1.065	34.604	27.723	0.1649	2.67e-06
300	1.131	1.117	34.612	27.726	0.1723	1.82e-06
320	1.144	1.129	34.616	27.728	0.1796	-1.22e-07
340	1.150	1.134	34.618	27.730	0.1869	8.51e-07



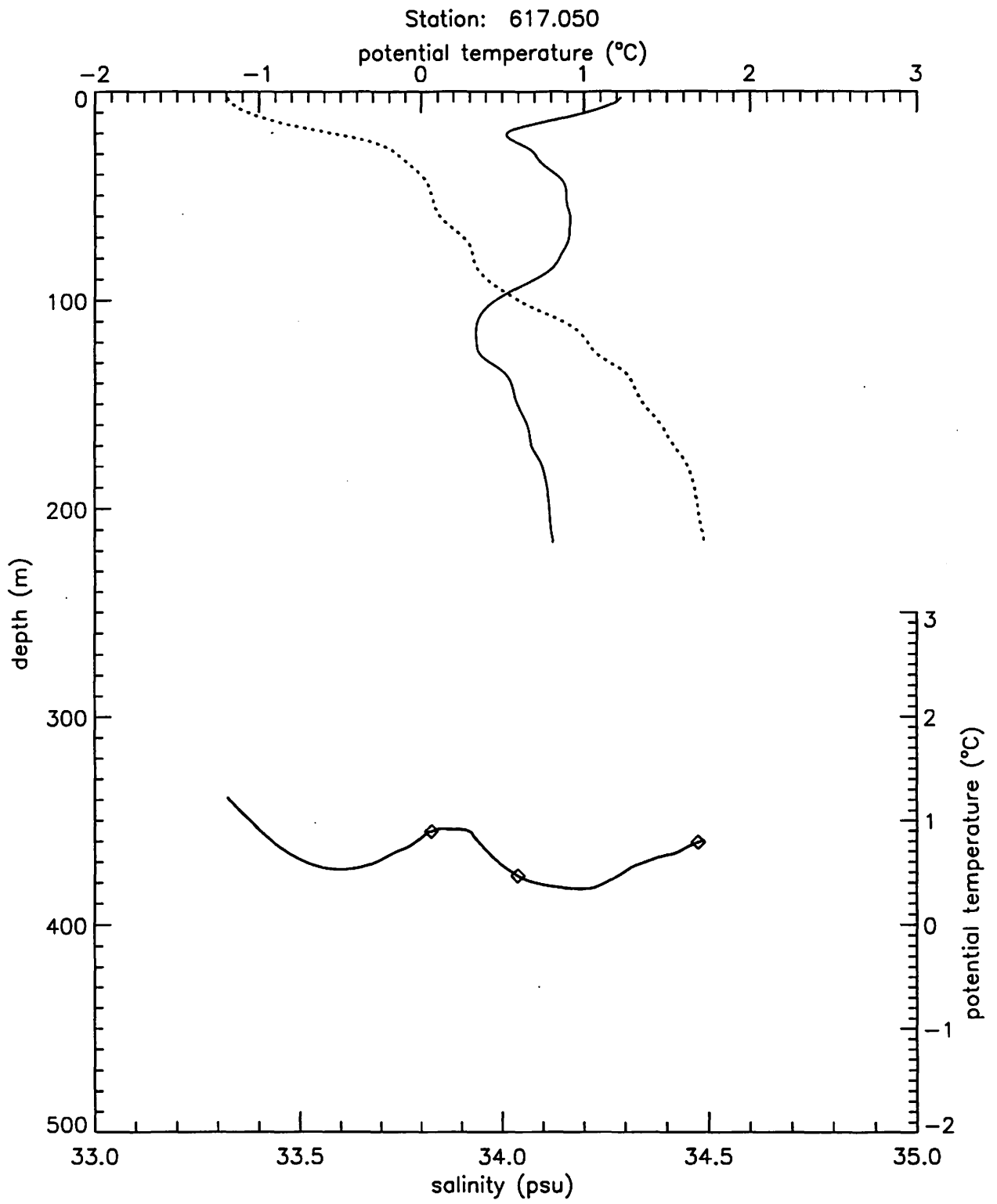
LTER 93a	Station: 616.060 (591)	JulianDay: 24	GMT: 1309
	Latitude: 64° 42.37' S	Longitude: 64° 28.88' W	Depth: 153 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.068	1.067	33.737	27.026	0.0020	1.51e-05
10	1.028	1.028	33.758	27.045	0.0071	4.88e-05
20	0.993	0.992	33.824	27.100	0.0169	3.73e-05
30	1.028	1.027	33.859	27.127	0.0263	1.65e-05
40	1.000	0.998	33.870	27.137	0.0355	6.72e-06
50	1.009	1.007	33.878	27.143	0.0447	9.99e-06
60	0.957	0.955	33.896	27.160	0.0537	2.05e-05
70	0.926	0.923	33.921	27.183	0.0626	3.04e-05
80	0.863	0.859	33.980	27.234	0.0712	6.74e-05
90	0.751	0.747	34.065	27.309	0.0791	6.89e-05
100	0.667	0.662	34.159	27.390	0.0863	7.07e-05



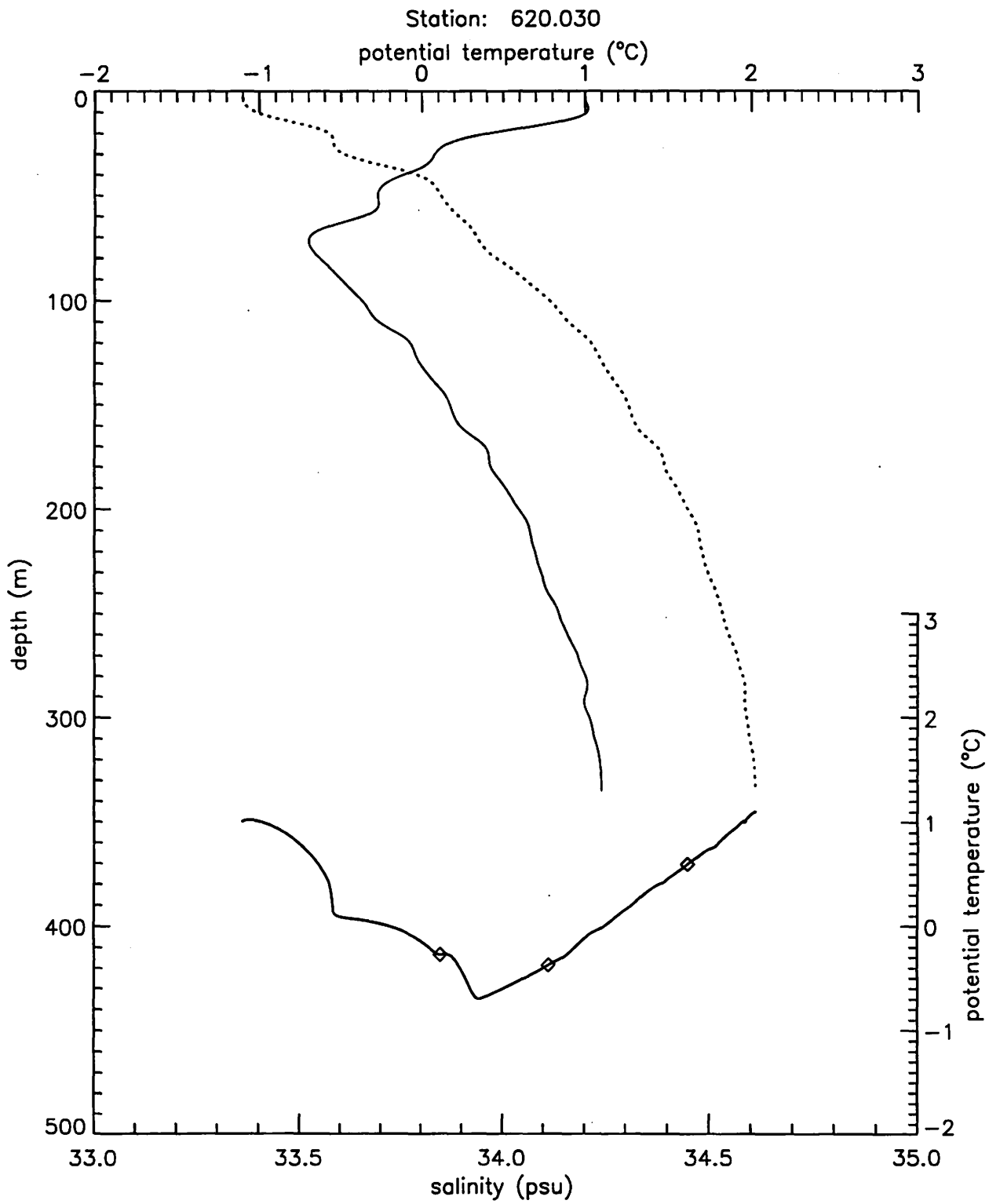
LTER 93a	Station: 617.050 (600)	JulianDay: 24	GMT: 1533
	Latitude: 64° 45.49' S	Longitude: 64° 18.32' W	Depth: 225 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.197	1.197	33.329	26.689	0.0027	4.45e-05
10	1.016	1.015	33.373	26.736	0.0093	1.24e-04
20	0.533	0.533	33.576	26.929	0.0215	1.90e-04
30	0.699	0.698	33.739	27.050	0.0319	5.42e-05
40	0.833	0.832	33.799	27.090	0.0417	2.83e-05
50	0.896	0.893	33.825	27.107	0.0512	1.08e-05
60	0.922	0.919	33.846	27.122	0.0606	3.00e-05
70	0.913	0.910	33.903	27.169	0.0697	4.12e-05
80	0.856	0.853	33.929	27.194	0.0785	1.74e-05
90	0.711	0.707	33.961	27.228	0.0870	5.71e-05
100	0.467	0.464	34.038	27.305	0.0950	8.45e-05
110	0.354	0.350	34.148	27.400	0.1021	7.96e-05
120	0.347	0.342	34.210	27.450	0.1085	3.08e-05
130	0.431	0.426	34.265	27.489	0.1146	4.61e-05
140	0.559	0.554	34.318	27.524	0.1202	1.81e-05
150	0.600	0.593	34.344	27.544	0.1257	2.48e-05
160	0.659	0.653	34.386	27.574	0.1309	2.50e-05
180	0.754	0.746	34.450	27.619	0.1405	1.45e-05
200	0.799	0.791	34.475	27.637	0.1496	4.73e-06



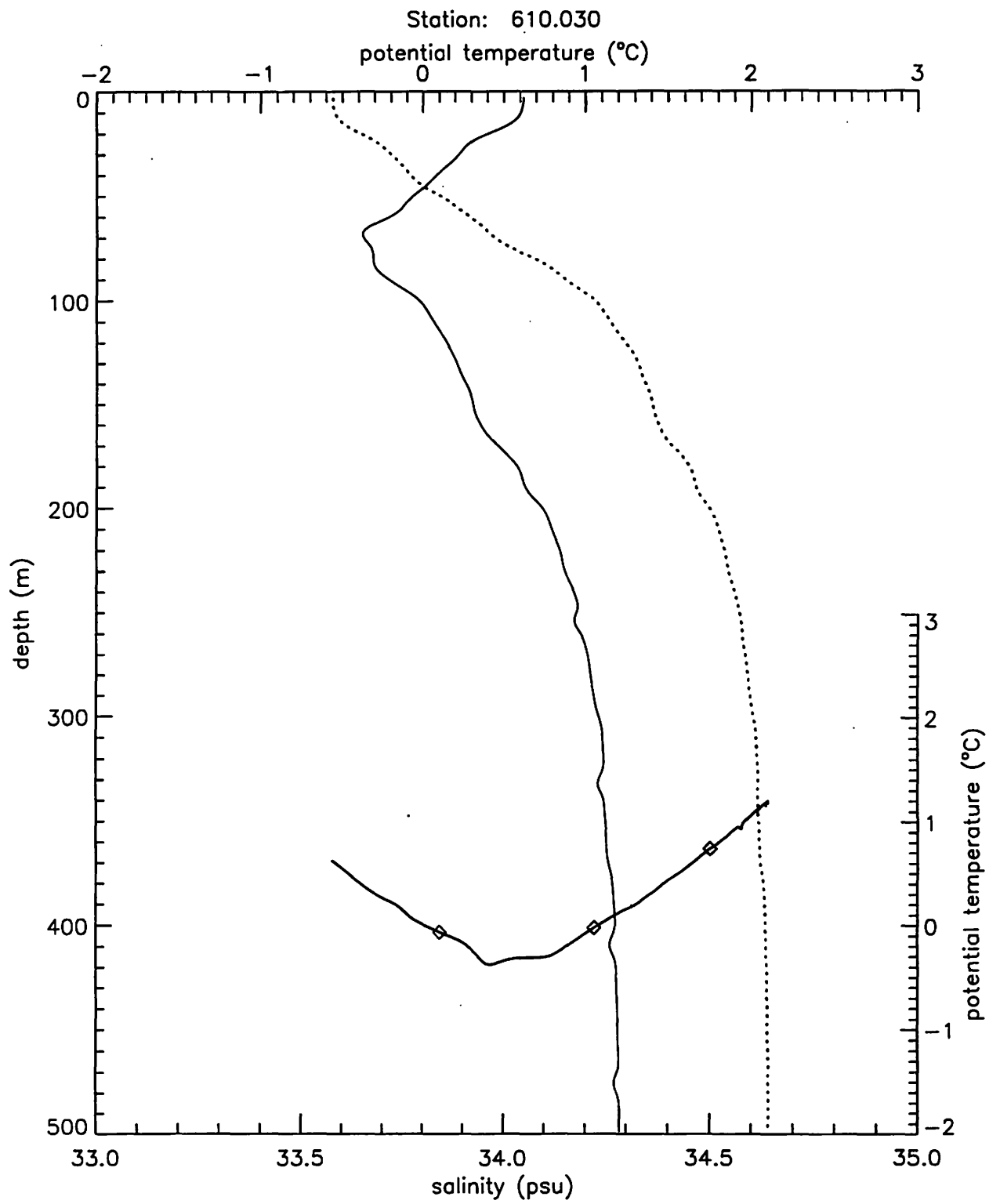
LTER 93a	Station: 620.030 (616)	JulianDay: 25	GMT: 0754
	Latitude: 64° 51.40' S	Longitude: 63° 57.90' W	Depth: 440 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.003	1.003	33.362	26.728	0.0026	7.86e-06
10	1.012	1.012	33.394	26.753	0.0091	1.10e-04
20	0.423	0.422	33.571	26.930	0.0211	1.07e-04
30	0.082	0.081	33.608	26.979	0.0320	9.26e-05
40	-0.110	-0.111	33.787	27.132	0.0420	1.19e-04
50	-0.270	-0.272	33.847	27.189	0.0508	2.93e-05
60	-0.358	-0.360	33.890	27.228	0.0594	5.40e-05
70	-0.688	-0.690	33.936	27.279	0.0674	3.20e-05
80	-0.631	-0.633	33.983	27.315	0.0750	4.76e-05
90	-0.496	-0.499	34.054	27.366	0.0823	4.41e-05
100	-0.369	-0.372	34.113	27.408	0.0890	3.51e-05
110	-0.265	-0.269	34.159	27.441	0.0955	3.11e-05
120	-0.071	-0.075	34.214	27.475	0.1016	2.70e-05
130	-0.010	-0.014	34.243	27.496	0.1074	1.78e-05
140	0.090	0.085	34.275	27.517	0.1131	2.13e-05
150	0.177	0.172	34.305	27.536	0.1186	1.24e-05
160	0.239	0.233	34.324	27.548	0.1239	1.90e-05
180	0.433	0.426	34.393	27.593	0.1340	9.95e-06
200	0.605	0.596	34.449	27.628	0.1434	1.61e-05
220	0.705	0.696	34.483	27.649	0.1523	6.31e-06
240	0.786	0.775	34.517	27.672	0.1608	9.84e-06
260	0.907	0.895	34.547	27.688	0.1690	1.05e-05
280	1.019	1.006	34.581	27.708	0.1768	7.47e-06
300	1.044	1.030	34.590	27.714	0.1844	2.31e-06
320	1.106	1.091	34.607	27.723	0.1919	3.22e-06



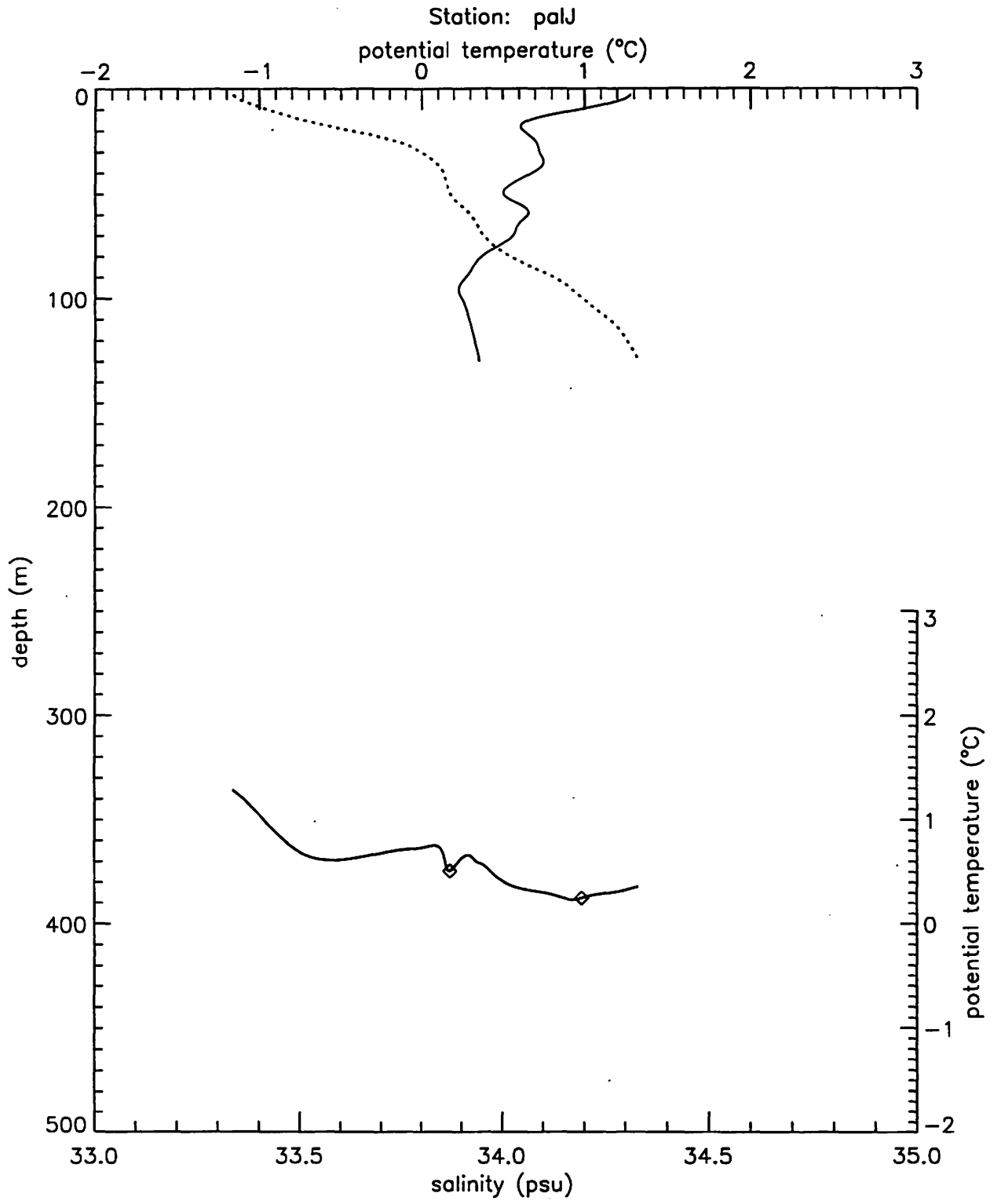
LTER 93a Station: 610.030 (624) JulianDay: 25 GMT: 1022
Latitude: 64° 55.39' S Longitude: 64° 6.13' W Depth: 403 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.619	0.619	33.577	26.925	0.0022	2.62e-06
10	0.607	0.606	33.582	26.929	0.0078	2.27e-05
20	0.407	0.406	33.645	26.991	0.0188	8.48e-05
30	0.225	0.224	33.722	27.063	0.0289	4.97e-05
40	0.084	0.082	33.769	27.109	0.0386	4.68e-05
50	-0.062	-0.064	33.844	27.176	0.0477	7.14e-05
60	-0.207	-0.209	33.917	27.242	0.0562	6.24e-05
70	-0.366	-0.368	33.978	27.299	0.0641	5.43e-05
80	-0.305	-0.308	34.076	27.375	0.0714	7.54e-05
90	-0.208	-0.211	34.151	27.432	0.0780	4.56e-05
100	-0.018	-0.021	34.223	27.480	0.0841	3.54e-05
110	0.072	0.068	34.260	27.506	0.0899	2.22e-05
120	0.156	0.151	34.297	27.531	0.0955	2.53e-05
130	0.219	0.214	34.328	27.553	0.1008	1.25e-05
140	0.275	0.270	34.347	27.564	0.1060	1.29e-05
150	0.319	0.313	34.363	27.575	0.1111	7.40e-06
160	0.368	0.362	34.378	27.584	0.1161	1.32e-05
180	0.596	0.589	34.453	27.632	0.1255	1.46e-05
200	0.752	0.743	34.502	27.662	0.1343	1.74e-05
220	0.857	0.847	34.537	27.683	0.1426	7.47e-06
240	0.945	0.934	34.562	27.697	0.1506	7.53e-06
260	0.988	0.976	34.579	27.708	0.1583	1.82e-07
280	1.046	1.033	34.592	27.715	0.1659	3.28e-06
300	1.098	1.084	34.605	27.722	0.1734	3.71e-06
320	1.129	1.114	34.615	27.728	0.1807	2.61e-06
340	1.131	1.115	34.617	27.730	0.1881	-1.34e-06
360	1.148	1.131	34.620	27.731	0.1954	5.47e-07
380	1.187	1.168	34.630	27.737	0.2026	3.47e-06
400	1.203	1.183	34.635	27.740	0.2098	2.55e-06
420	1.209	1.188	34.637	27.741	0.2170	2.43e-07
440	1.218	1.196	34.639	27.742	0.2241	6.69e-07
460	1.224	1.201	34.640	27.742	0.2313	5.48e-07
480	1.215	1.191	34.641	27.744	0.2384	-2.37e-06



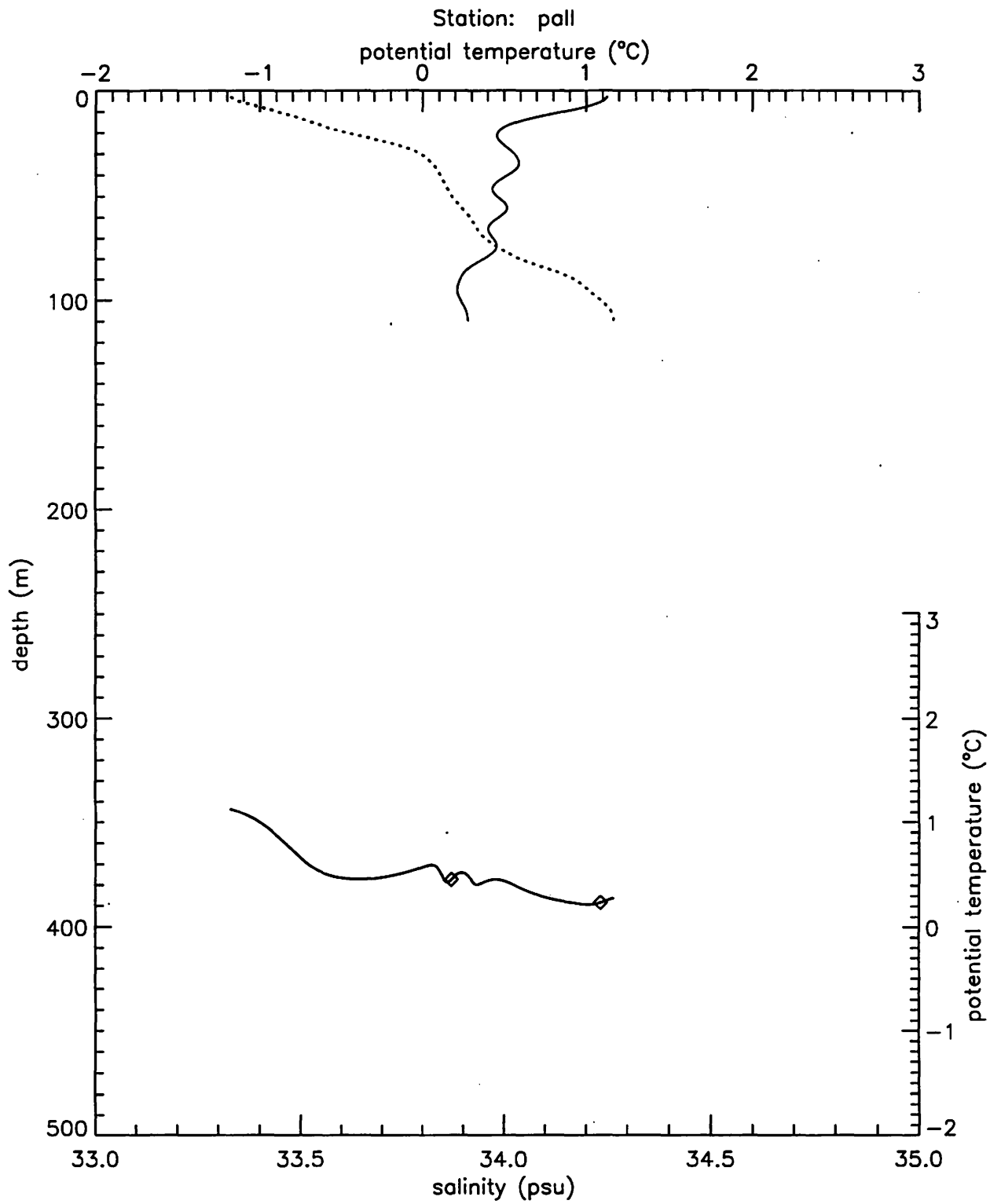
LTER 93a	Station: palJ (647)	JulianDay: 26	GMT: 0506
	Latitude: 64° 45.94' S	Longitude: 64° 7.91' W	Depth: 114 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.243	1.243	33.349	26.702	0.0027	8.14e-05
10	0.965	0.964	33.420	26.778	0.0092	1.60e-04
20	0.626	0.625	33.626	26.964	0.0209	1.73e-04
30	0.728	0.727	33.797	27.095	0.0310	7.23e-05
40	0.683	0.681	33.854	27.143	0.0403	3.19e-05
50	0.508	0.506	33.871	27.167	0.0493	2.32e-05
60	0.659	0.656	33.920	27.199	0.0580	3.39e-05
70	0.571	0.569	33.953	27.230	0.0665	3.94e-05
80	0.379	0.376	34.018	27.294	0.0745	8.03e-05
90	0.281	0.278	34.126	27.386	0.0818	7.71e-05
100	0.251	0.247	34.194	27.443	0.0883	4.39e-05
110	0.300	0.296	34.256	27.490	0.0944	4.45e-05
120	0.333	0.329	34.301	27.524	0.1000	2.44e-05
130	0.364	0.358	34.330	27.546	0.1054	1.58e-05



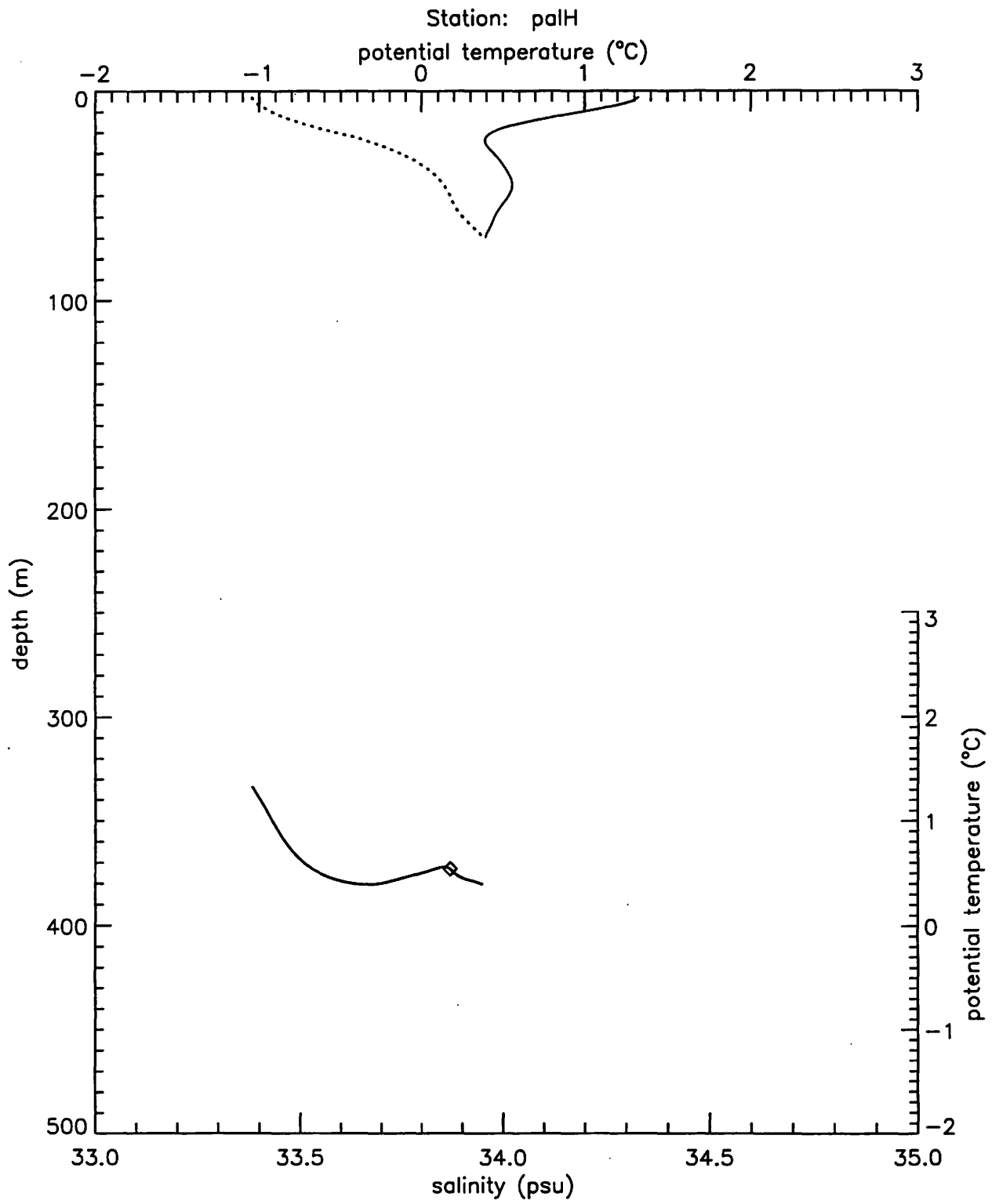
LTER 93a	Station: pall (648)	JulianDay: 26	GMT: 0628
	Latitude: 64° 46.54' S	Longitude: 64° 8.02' W	Depth: 117 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.103	1.102	33.348	26.710	0.0027	1.07e-04
10	0.865	0.865	33.444	26.803	0.0091	1.69e-04
20	0.462	0.461	33.612	26.961	0.0206	1.55e-04
30	0.563	0.562	33.793	27.101	0.0307	7.61e-05
40	0.527	0.526	33.843	27.144	0.0400	3.28e-05
50	0.456	0.454	33.871	27.171	0.0490	2.41e-05
60	0.473	0.470	33.916	27.206	0.0577	3.66e-05
70	0.433	0.431	33.953	27.238	0.0661	4.06e-05
80	0.381	0.378	34.038	27.309	0.0740	1.04e-04
90	0.232	0.229	34.172	27.426	0.0810	7.79e-05
100	0.236	0.232	34.235	27.477	0.0872	3.97e-05
110	0.283	0.278	34.267	27.500	0.0930	-1.21e-06



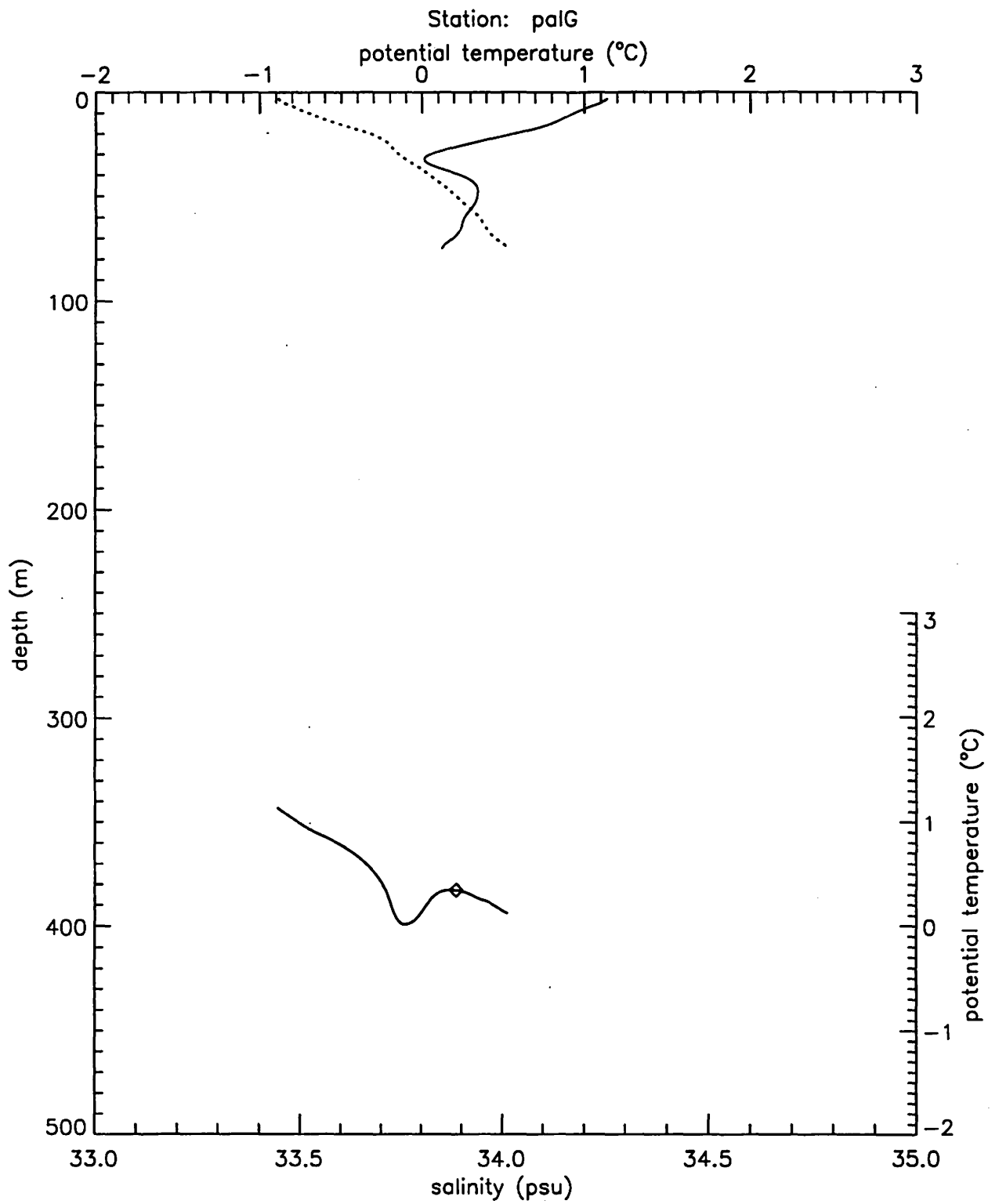
LTER 93a Station: palH (649) JulianDay: 26 GMT: 0743
Latitude: 64° 47.33' S Longitude: 64° 7.60' W Depth: 78 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.285	1.284	33.388	26.731	0.0026	5.18e-05
10	0.993	0.993	33.431	26.785	0.0090	1.22e-04
20	0.434	0.433	33.589	26.944	0.0208	1.56e-04
30	0.444	0.443	33.745	27.070	0.0311	8.33e-05
40	0.538	0.536	33.830	27.133	0.0406	4.15e-05
50	0.541	0.539	33.869	27.164	0.0497	2.54e-05
60	0.454	0.452	33.900	27.194	0.0585	3.97e-05
70	0.395	0.393	33.949	27.236	0.0669	2.66e-05



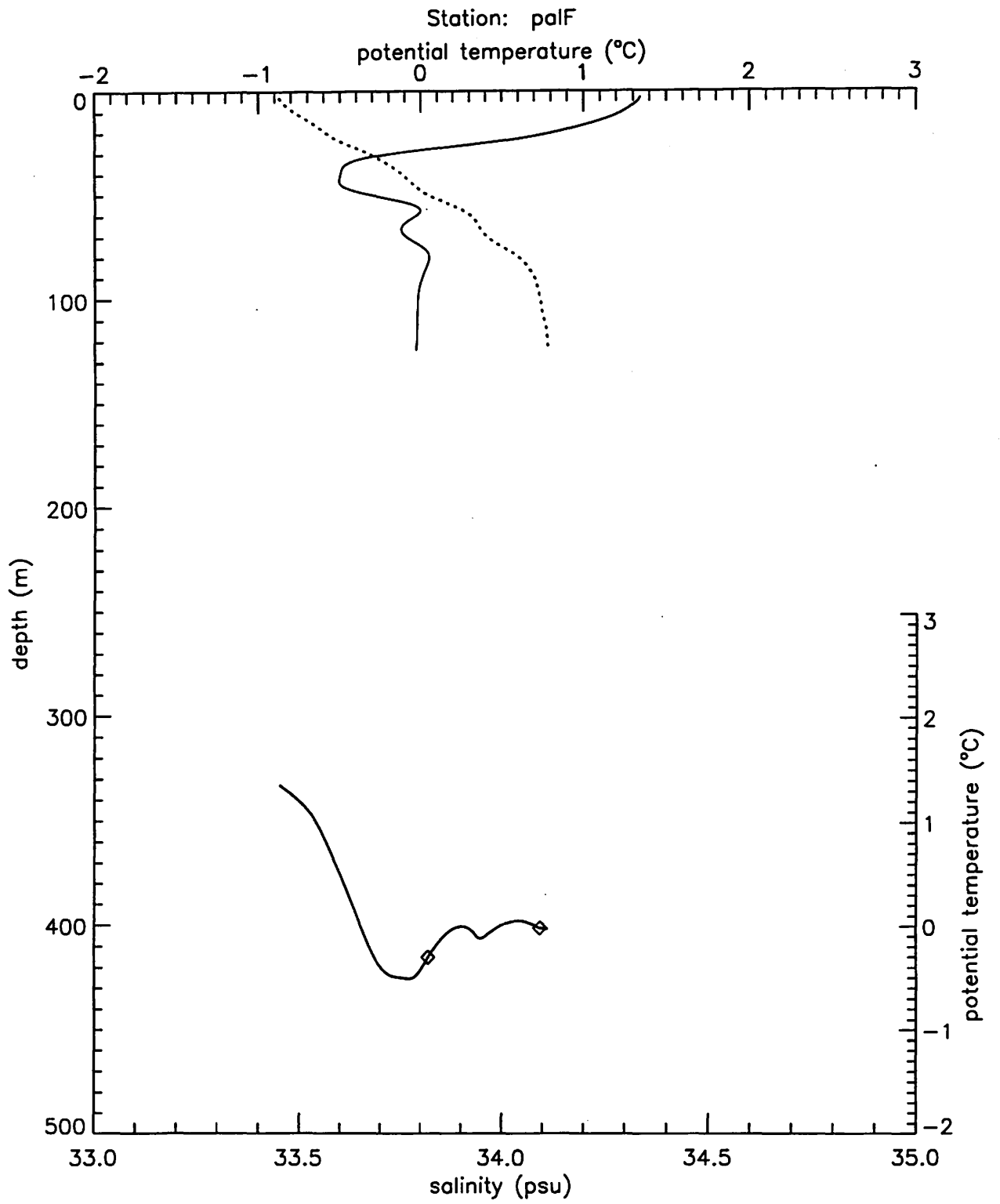
LTER 93a	Station:	palG (650)	JulianDay:	26	GMT:	0842
	Latitude:	64° 47.99' S	Longitude:	64° 5.93' W	Depth:	108 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.102	1.102	33.457	26.798	0.0025	7.94e-05
10	0.935	0.934	33.521	26.861	0.0085	1.21e-04
20	0.565	0.565	33.672	27.004	0.0197	1.28e-04
30	0.049	0.048	33.743	27.089	0.0297	6.19e-05
40	0.242	0.240	33.820	27.141	0.0390	4.05e-05
50	0.348	0.346	33.887	27.189	0.0479	4.84e-05
60	0.269	0.267	33.942	27.238	0.0564	3.80e-05
70	0.199	0.197	33.982	27.274	0.0645	4.83e-05



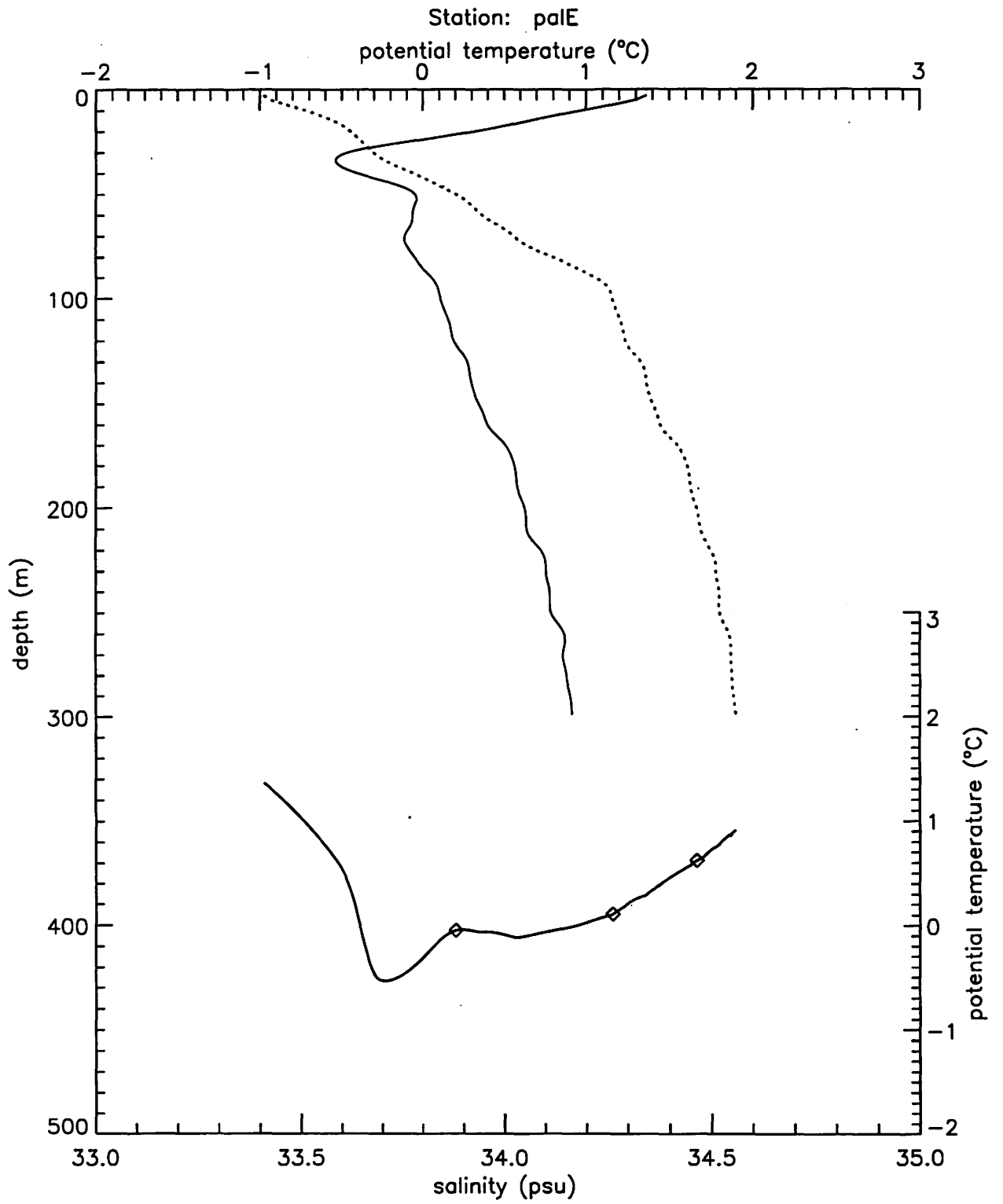
LTER 93a	Station:	palF (651)	JulianDay:	26	GMT:	0941
	Latitude:	64° 48.42' S	Longitude:	64° 4.24' W	Depth:	124 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.329	1.329	33.457	26.783	0.0025	3.85e-05
10	1.234	1.234	33.489	26.816	0.0087	7.41e-05
20	0.809	0.808	33.565	26.903	0.0205	1.01e-04
30	-0.196	-0.197	33.671	27.043	0.0313	1.25e-04
40	-0.499	-0.500	33.755	27.124	0.0409	5.02e-05
50	-0.300	-0.302	33.818	27.167	0.0500	5.33e-05
60	-0.036	-0.038	33.924	27.240	0.0585	5.54e-05
70	-0.086	-0.088	33.964	27.274	0.0665	3.99e-05
80	0.052	0.049	34.043	27.331	0.0742	4.73e-05
90	0.006	0.003	34.081	27.364	0.0813	1.99e-05
100	-0.018	-0.022	34.094	27.376	0.0883	7.64e-06
110	-0.022	-0.026	34.104	27.385	0.0951	8.67e-06
120	-0.026	-0.031	34.111	27.390	0.1019	1.94e-06



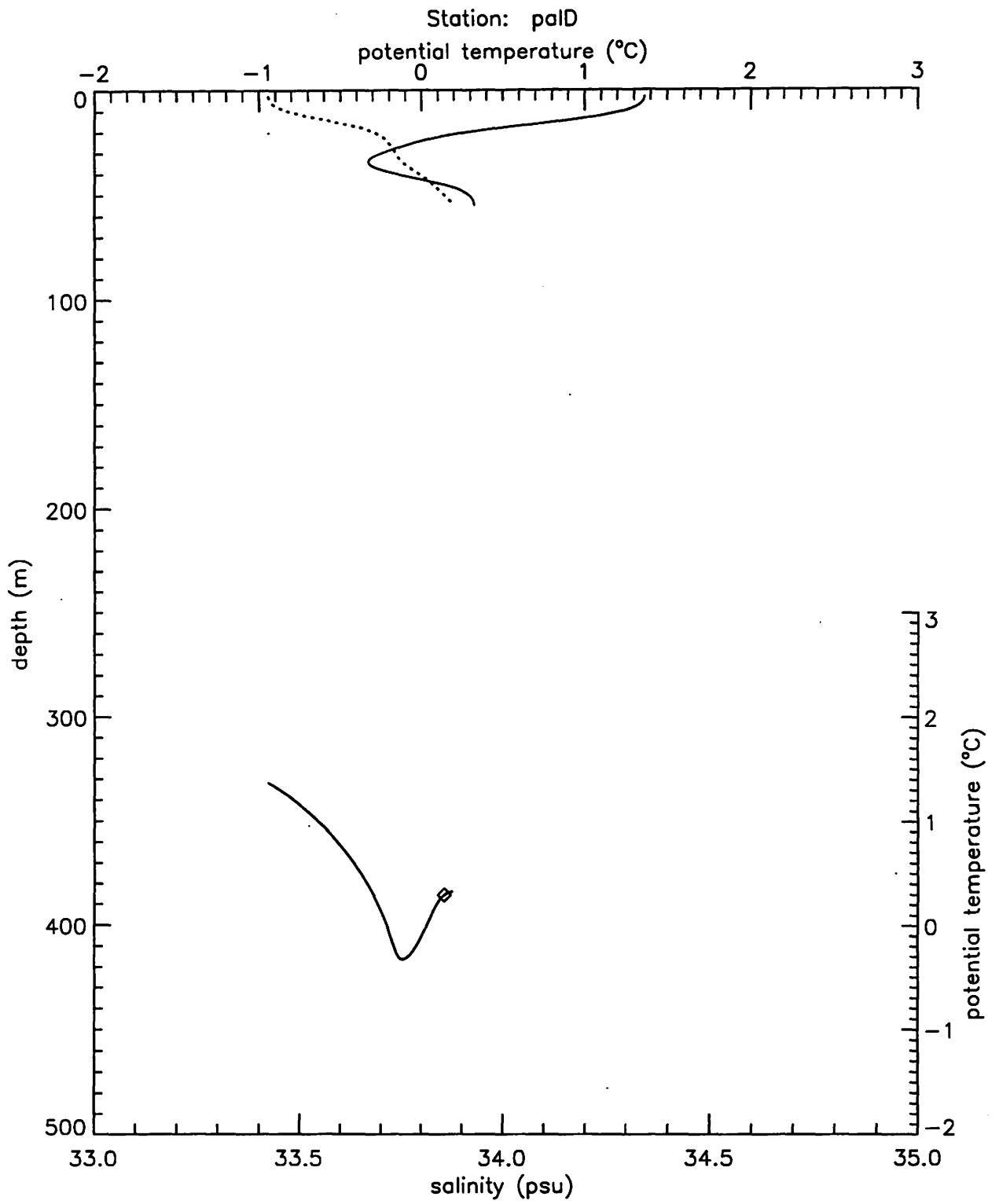
LTER 93a	Station: palE (652)	JulianDay: 26	GMT: 1113
	Latitude: 64° 48.96' S	Longitude: 64° 2.40' W	Depth: 171 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.304	1.304	33.427	26.761	0.0026	1.12e-04
10	0.978	0.978	33.512	26.851	0.0087	1.59e-04
20	0.327	0.326	33.622	26.977	0.0200	9.29e-05
30	-0.467	-0.467	33.679	27.062	0.0302	7.33e-05
40	-0.389	-0.391	33.778	27.139	0.0398	7.13e-05
50	-0.046	-0.048	33.881	27.205	0.0486	6.13e-05
60	-0.060	-0.062	33.946	27.259	0.0568	5.35e-05
70	-0.110	-0.113	34.022	27.323	0.0645	5.87e-05
80	-0.049	-0.051	34.117	27.396	0.0717	8.37e-05
90	0.059	0.055	34.223	27.476	0.0780	5.71e-05
100	0.112	0.109	34.263	27.506	0.0837	1.19e-05
110	0.161	0.157	34.282	27.518	0.0894	1.09e-05
120	0.193	0.189	34.294	27.526	0.0949	1.22e-05
130	0.279	0.274	34.331	27.551	0.1003	2.24e-05
140	0.305	0.299	34.345	27.562	0.1055	5.28e-06
150	0.350	0.344	34.361	27.571	0.1106	1.23e-05
160	0.404	0.398	34.378	27.583	0.1156	1.41e-05
180	0.571	0.563	34.443	27.625	0.1251	8.92e-06
200	0.632	0.624	34.465	27.639	0.1341	8.62e-06
220	0.732	0.722	34.498	27.660	0.1429	1.47e-05
240	0.789	0.779	34.519	27.673	0.1512	3.52e-06
260	0.874	0.863	34.542	27.686	0.1595	1.07e-05
280	0.890	0.878	34.548	27.690	0.1674	9.11e-07



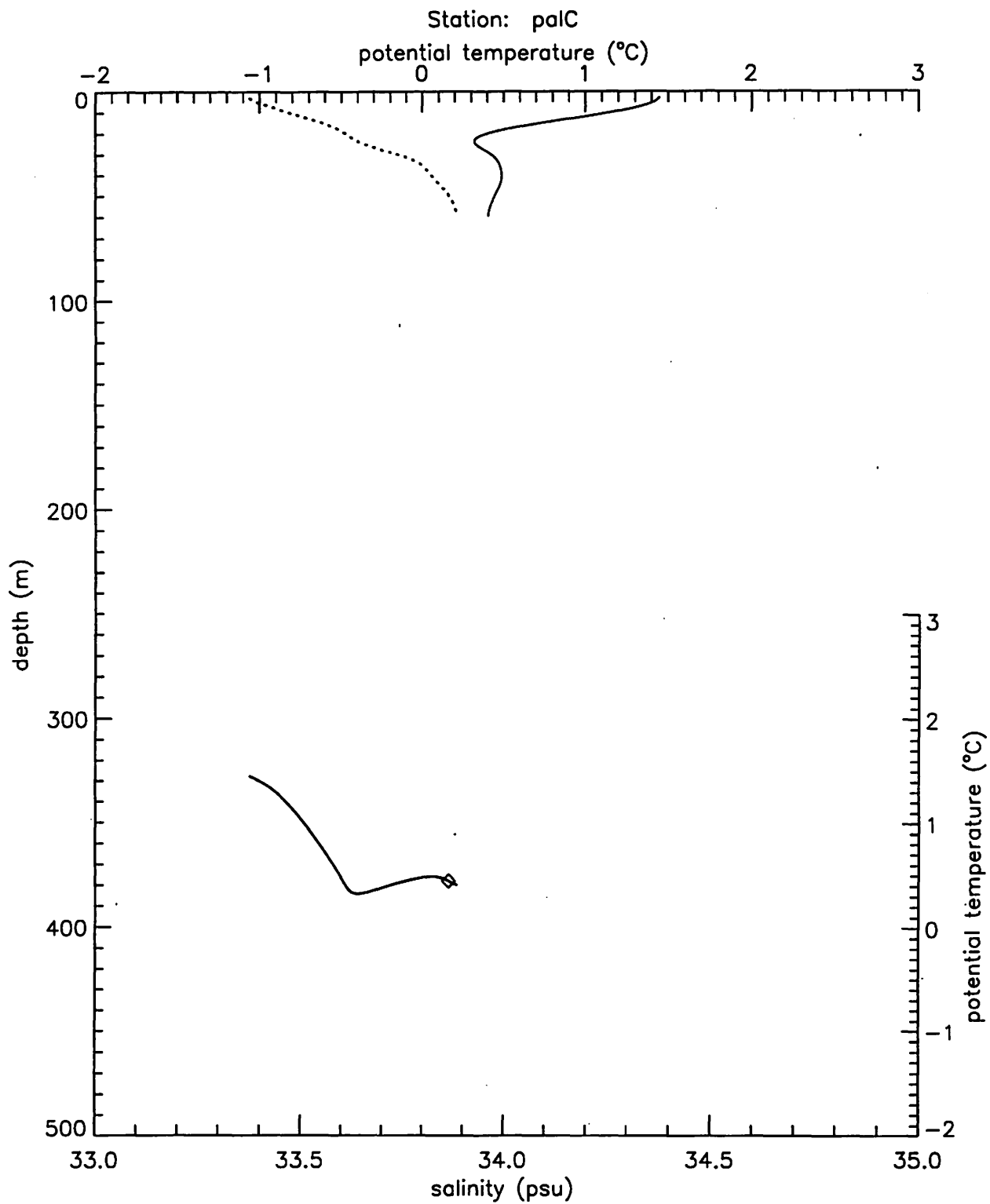
LTER 93a Station: palD (653) JulianDay: 26 GMT: 1257
Latitude: 64° 48.45' S Longitude: 64° 2.99' W Depth: 62 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.358	1.358	33.425	26.756	0.0026	2.42e-05
10	1.244	1.243	33.471	26.800	0.0089	1.56e-04
20	0.289	0.289	33.682	27.027	0.0202	1.50e-04
30	-0.243	-0.244	33.735	27.097	0.0300	4.36e-05
40	-0.150	-0.151	33.794	27.140	0.0393	3.30e-05
50	0.293	0.292	33.856	27.167	0.0483	2.70e-05



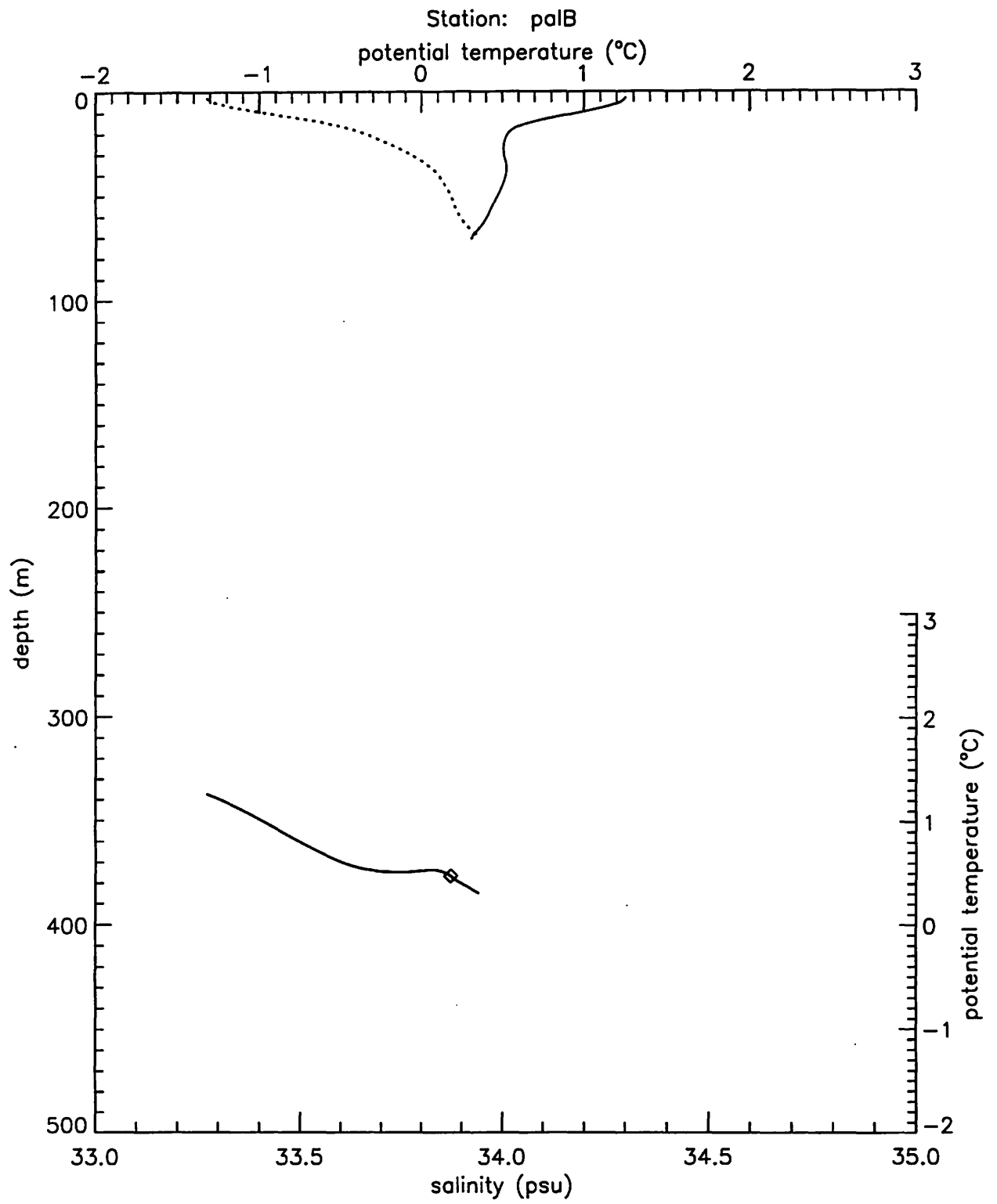
LTER 93a Station: palC (655) JulianDay: 26 GMT: 1353
Latitude: 64° 47.36' S Longitude: 64° 4.47' W Depth: 71 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.416	1.416	33.392	26.725	0.0026	9.92e-05
10	1.161	1.160	33.473	26.808	0.0090	1.67e-04
20	0.405	0.405	33.610	26.963	0.0205	9.99e-05
30	0.424	0.422	33.738	27.065	0.0309	1.04e-04
40	0.490	0.489	33.822	27.129	0.0403	3.64e-05
50	0.448	0.446	33.865	27.166	0.0494	2.94e-05
60	0.407	0.405	33.886	27.186	0.0582	8.48e-06



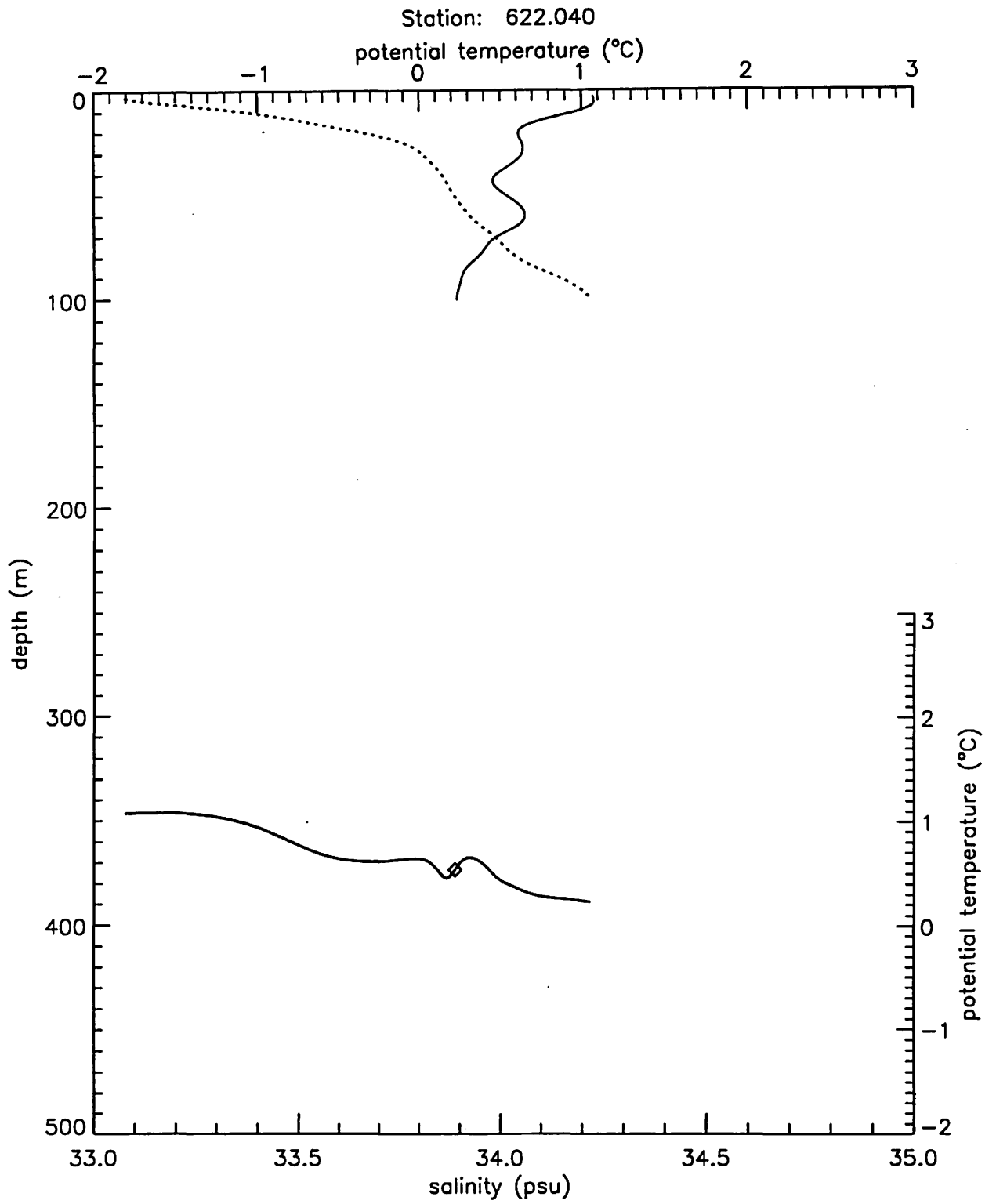
LTER 93a Station: palB (656) JulianDay: 26 GMT: 1535
 Latitude: 64° 46.77' S Longitude: 64° 4.32' W Depth: 66 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.226	1.225	33.290	26.656	0.0028	1.08e-04
10	0.980	0.980	33.414	26.772	0.0094	2.46e-04
20	0.537	0.536	33.658	26.995	0.0208	1.30e-04
30	0.511	0.510	33.773	27.088	0.0309	7.11e-05
40	0.524	0.523	33.841	27.143	0.0402	3.55e-05
50	0.474	0.472	33.873	27.171	0.0492	2.29e-05
60	0.411	0.409	33.896	27.193	0.0580	2.88e-05
70	0.317	0.314	33.939	27.233	0.0664	2.63e-05



LTER 93a	Station: 622.040 (659)	JulianDay: 26	GMT: 1846
	Latitude: 64° 46.01' S	Longitude: 64° 7.78' W	Depth: 109 m

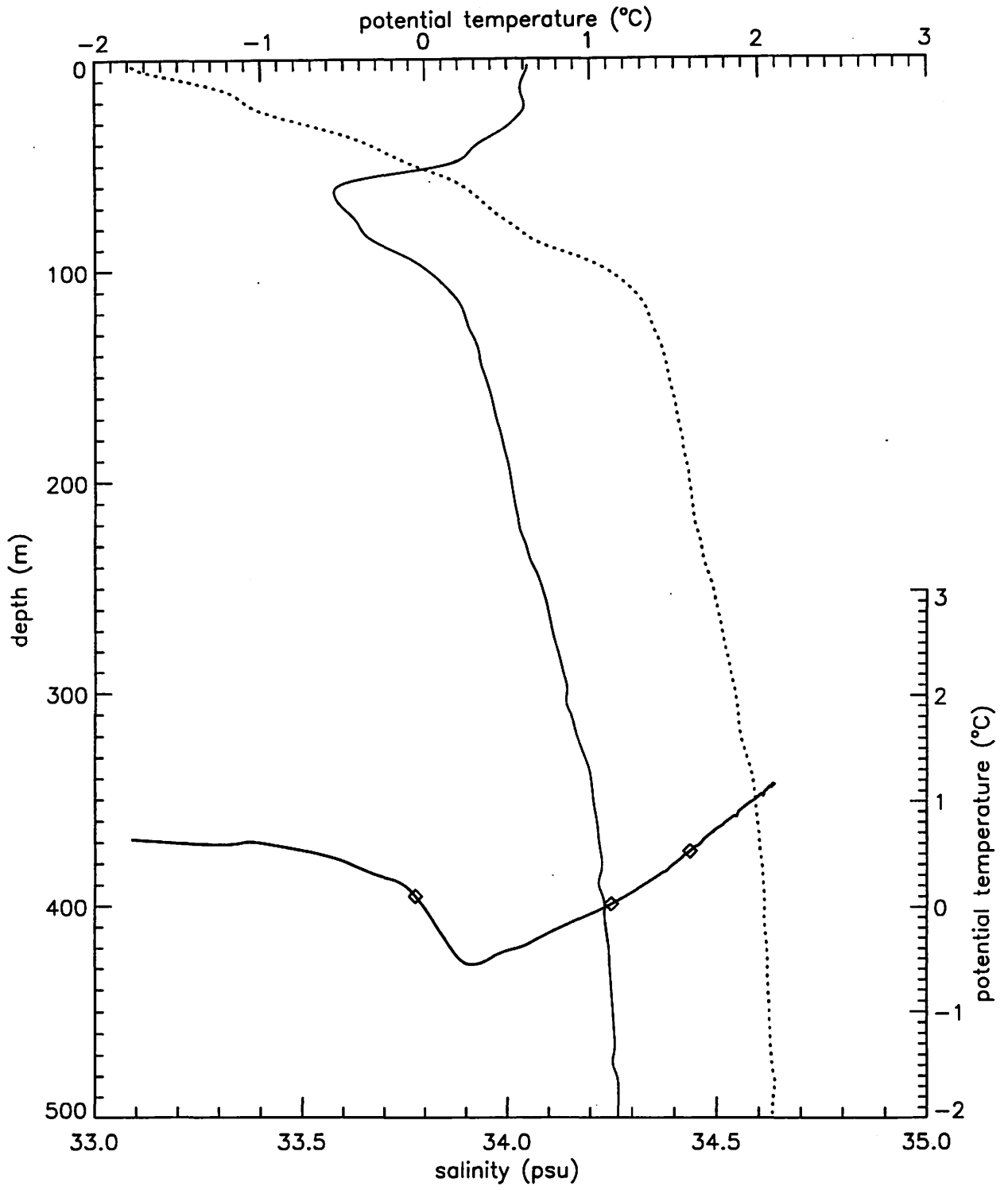
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.076	1.076	33.132	26.539	0.0030	2.80e-04
10	0.977	0.976	33.369	26.735	0.0100	3.25e-04
20	0.613	0.613	33.659	26.991	0.0216	1.87e-04
30	0.637	0.636	33.808	27.109	0.0315	6.07e-05
40	0.480	0.479	33.856	27.157	0.0407	3.50e-05
50	0.540	0.538	33.887	27.178	0.0496	1.71e-05
60	0.656	0.654	33.925	27.203	0.0583	3.93e-05
70	0.482	0.479	33.986	27.262	0.0666	5.51e-05
80	0.360	0.357	34.042	27.314	0.0743	6.96e-05
90	0.263	0.259	34.150	27.406	0.0814	8.34e-05
100	0.233	0.229	34.219	27.464	0.0877	2.49e-05



LTER 93a Station: 600.040 (660) JulianDay: 27 GMT: 0030
 Latitude: 64° 55.97' S Longitude: 64° 23.92' W Depth: 1294 m

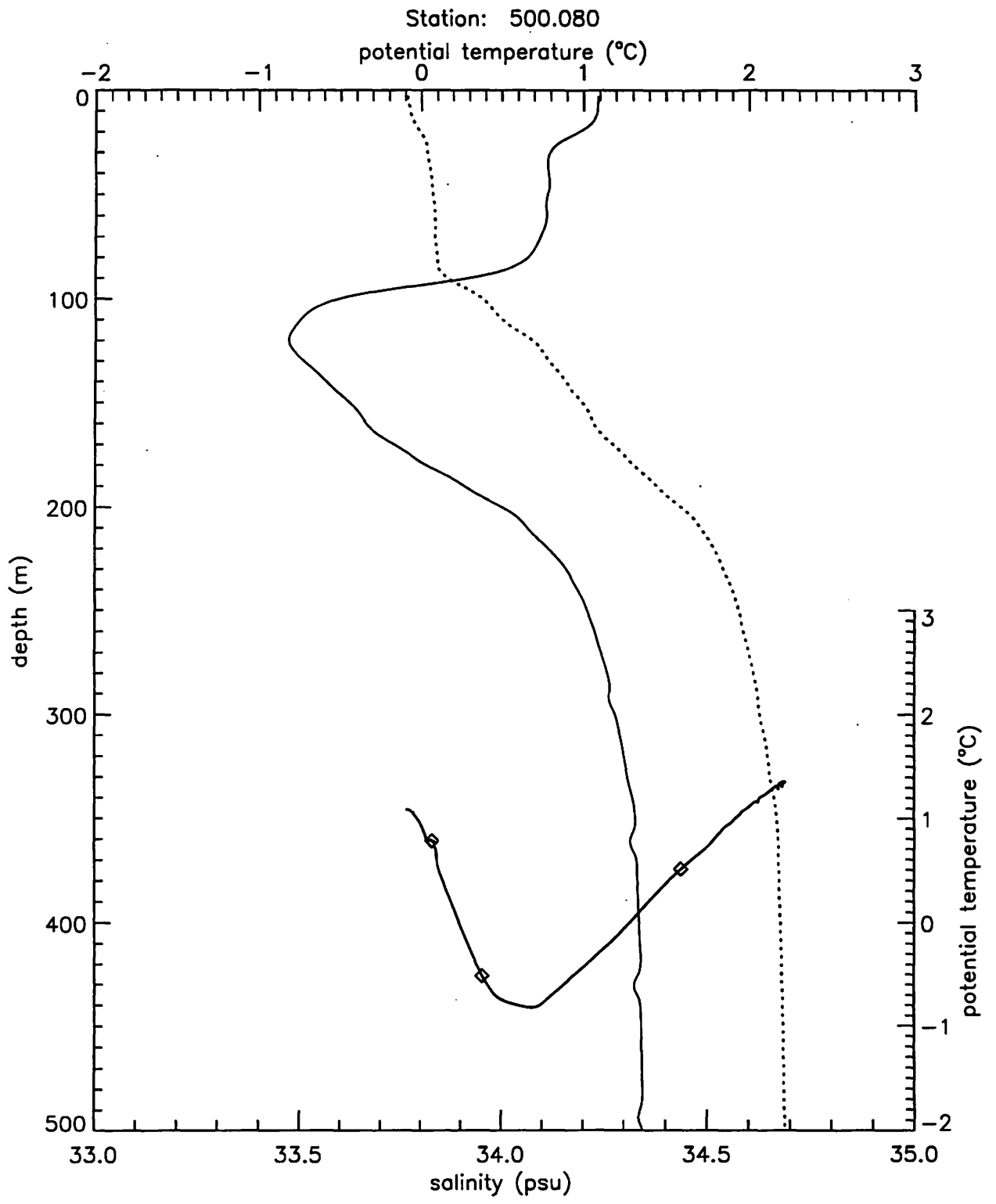
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.622	0.622	33.108	26.546	0.0030	9.99e-05
10	0.592	0.592	33.219	26.638	0.0102	1.65e-04
20	0.602	0.601	33.359	26.749	0.0234	7.01e-05
30	0.529	0.528	33.497	26.865	0.0358	1.50e-04
40	0.324	0.322	33.661	27.008	0.0468	1.06e-04
50	0.099	0.097	33.775	27.113	0.0568	1.29e-04
60	-0.540	-0.541	33.896	27.240	0.0655	7.56e-05
70	-0.497	-0.499	33.958	27.288	0.0734	4.38e-05
80	-0.390	-0.393	34.029	27.341	0.0809	5.17e-05
90	-0.195	-0.198	34.130	27.413	0.0878	9.37e-05
100	0.029	0.025	34.249	27.499	0.0939	5.42e-05
110	0.165	0.161	34.309	27.540	0.0995	2.87e-05
120	0.242	0.237	34.339	27.560	0.1047	1.29e-05
130	0.294	0.289	34.360	27.574	0.1098	1.36e-05
140	0.337	0.332	34.377	27.586	0.1148	8.43e-06
150	0.373	0.367	34.388	27.592	0.1197	6.07e-06
160	0.412	0.406	34.400	27.599	0.1245	5.88e-06
180	0.477	0.469	34.419	27.611	0.1340	4.31e-06
200	0.532	0.524	34.437	27.622	0.1433	4.13e-06
220	0.580	0.571	34.451	27.631	0.1524	8.80e-06
240	0.674	0.663	34.477	27.646	0.1613	9.35e-06
260	0.759	0.747	34.504	27.663	0.1699	6.74e-06
280	0.820	0.808	34.524	27.676	0.1783	6.26e-06
300	0.870	0.856	34.546	27.690	0.1864	6.07e-06
320	0.937	0.922	34.559	27.696	0.1944	6.32e-06
340	1.020	1.005	34.587	27.713	0.2021	4.74e-06
360	1.057	1.040	34.598	27.720	0.2097	3.28e-06
380	1.089	1.071	34.608	27.726	0.2171	4.13e-06
400	1.104	1.085	34.614	27.729	0.2245	-1.82e-07
420	1.129	1.109	34.620	27.733	0.2318	1.52e-06
440	1.145	1.124	34.623	27.734	0.2391	8.52e-07
460	1.163	1.141	34.626	27.736	0.2464	1.83e-07
480	1.181	1.157	34.636	27.743	0.2536	2.19e-06
500	1.189	1.165	34.633	27.739	0.2608	1.22e-06

Station: 600.040



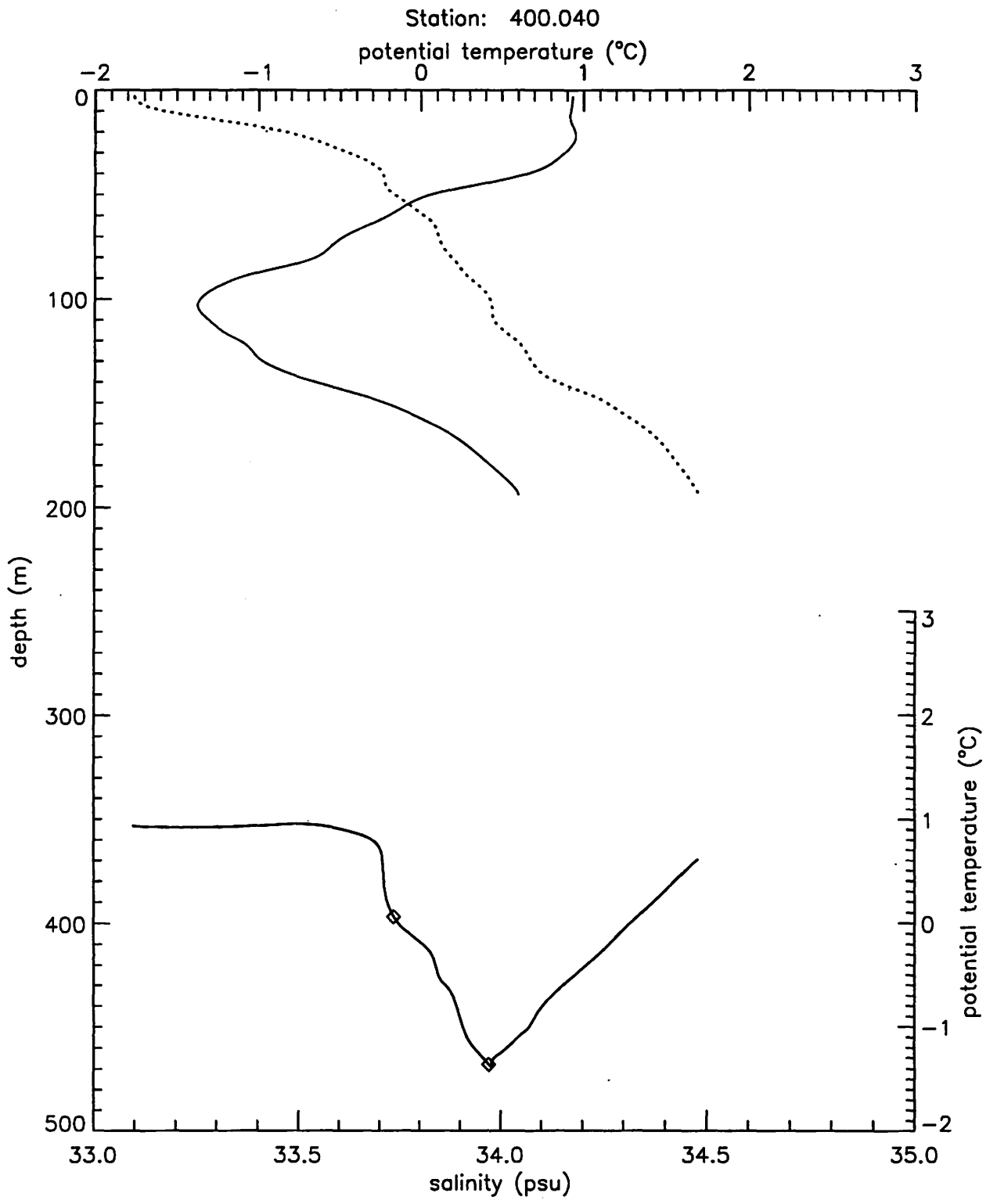
LTER 93a Station: 500.080 (661) JulianDay: 27 GMT: 0659
 Latitude: 65° 21.45' S Longitude: 66° 27.97' W Depth: 566 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.087	1.087	33.766	27.048	0.0020	5.65e-06
10	1.084	1.083	33.772	27.053	0.0070	1.34e-05
20	0.976	0.975	33.797	27.079	0.0169	3.50e-05
30	0.797	0.796	33.814	27.105	0.0265	1.14e-05
40	0.789	0.787	33.824	27.113	0.0359	4.96e-06
50	0.785	0.783	33.829	27.117	0.0453	5.75e-06
60	0.779	0.776	33.834	27.121	0.0546	2.85e-06
70	0.744	0.741	33.835	27.125	0.0640	5.75e-06
80	0.665	0.662	33.840	27.133	0.0732	1.32e-05
90	0.295	0.291	33.867	27.177	0.0823	9.33e-05
100	-0.508	-0.511	33.954	27.286	0.0905	7.51e-05
110	-0.742	-0.745	34.004	27.336	0.0980	5.10e-05
120	-0.814	-0.818	34.078	27.399	0.1050	4.78e-05
130	-0.720	-0.723	34.118	27.428	0.1115	2.45e-05
140	-0.579	-0.583	34.159	27.455	0.1177	2.26e-05
150	-0.436	-0.441	34.199	27.481	0.1237	2.32e-05
160	-0.333	-0.338	34.227	27.499	0.1295	1.84e-05
180	0.044	0.038	34.324	27.559	0.1404	2.89e-05
200	0.516	0.508	34.438	27.624	0.1502	3.37e-05
220	0.798	0.788	34.516	27.670	0.1589	1.34e-05
240	0.979	0.968	34.562	27.695	0.1670	1.01e-05
260	1.084	1.072	34.587	27.709	0.1748	6.32e-06
280	1.164	1.151	34.612	27.724	0.1823	5.53e-06
300	1.212	1.198	34.627	27.732	0.1896	2.79e-06
320	1.266	1.250	34.646	27.744	0.1967	3.22e-06
340	1.319	1.302	34.662	27.753	0.2037	4.80e-06
360	1.309	1.291	34.672	27.762	0.2106	2.55e-06
380	1.352	1.334	34.674	27.761	0.2174	4.86e-07
400	1.363	1.343	34.677	27.762	0.2241	1.16e-06
420	1.375	1.354	34.681	27.765	0.2309	1.82e-06
440	1.375	1.352	34.683	27.766	0.2376	-1.16e-06
460	1.381	1.358	34.684	27.767	0.2444	-6.08e-08
480	1.387	1.362	34.686	27.768	0.2511	8.52e-07
500	1.387	1.361	34.689	27.770	0.2578	5.48e-06



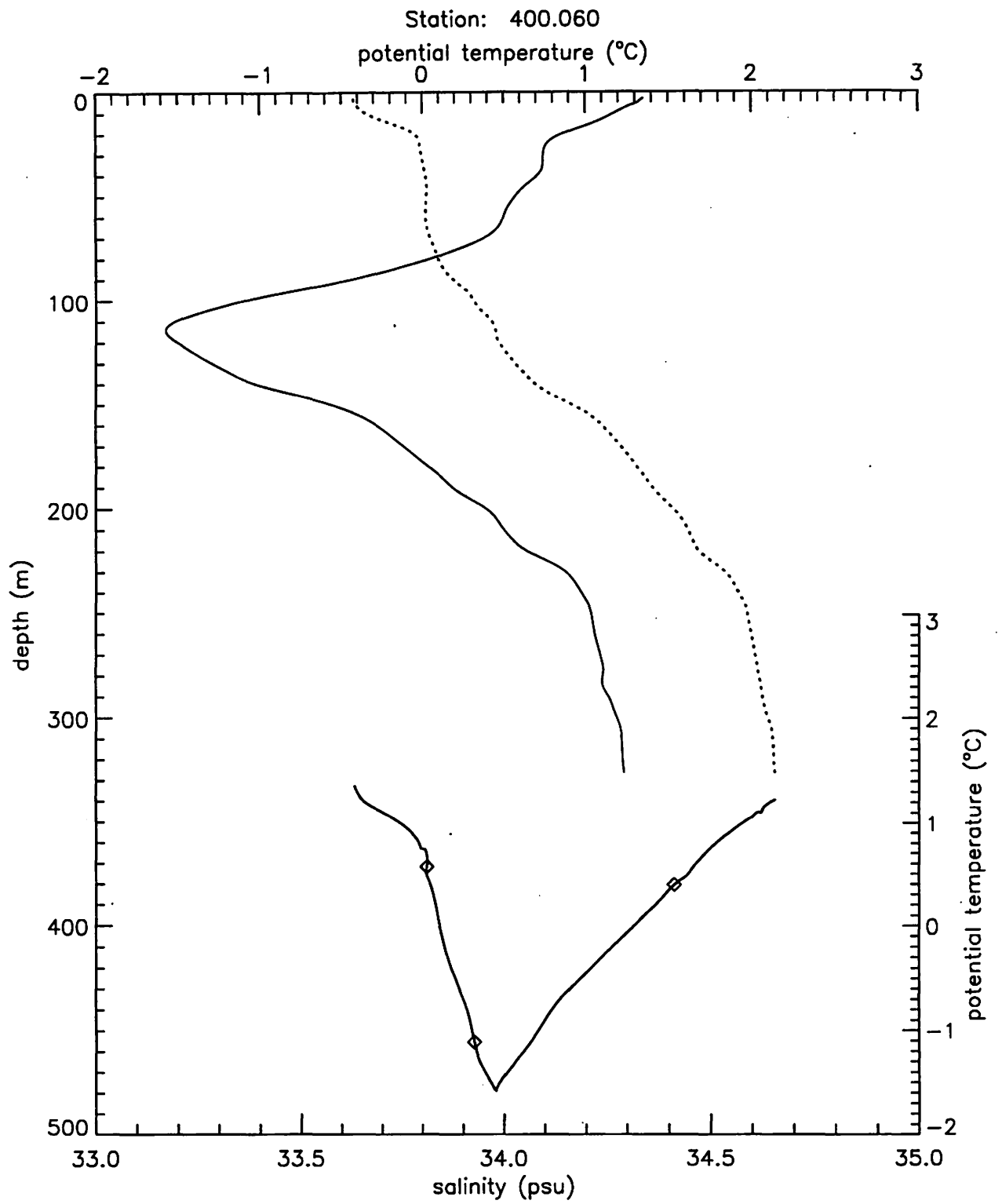
LTER 93a	Station: 400.040 (662)	JulianDay: 27	GMT: 1316
	Latitude: 66° 15.18' S	Longitude: 67° 20.13' W	Depth: 174 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.932	0.931	33.099	26.521	0.0030	2.64e-05
10	0.922	0.922	33.168	26.577	0.0104	1.74e-04
20	0.951	0.950	33.466	26.815	0.0237	1.77e-04
30	0.887	0.886	33.621	26.944	0.0353	1.04e-04
40	0.659	0.657	33.706	27.026	0.0459	5.14e-05
50	0.062	0.060	33.735	27.082	0.0559	7.06e-05
60	-0.196	-0.198	33.807	27.153	0.0652	5.98e-05
70	-0.471	-0.473	33.844	27.196	0.0740	2.63e-05
80	-0.650	-0.653	33.876	27.229	0.0825	4.68e-05
90	-1.124	-1.126	33.922	27.284	0.0905	5.56e-05
100	-1.353	-1.356	33.971	27.332	0.0980	2.44e-05
110	-1.305	-1.307	33.981	27.338	0.1052	1.63e-05
120	-1.117	-1.120	34.037	27.377	0.1123	3.58e-05
130	-0.972	-0.975	34.074	27.402	0.1190	1.86e-05
140	-0.644	-0.648	34.139	27.441	0.1255	6.73e-05
150	-0.217	-0.222	34.260	27.520	0.1313	5.44e-05
160	0.075	0.069	34.335	27.566	0.1366	4.14e-05
180	0.447	0.440	34.433	27.625	0.1462	2.11e-05



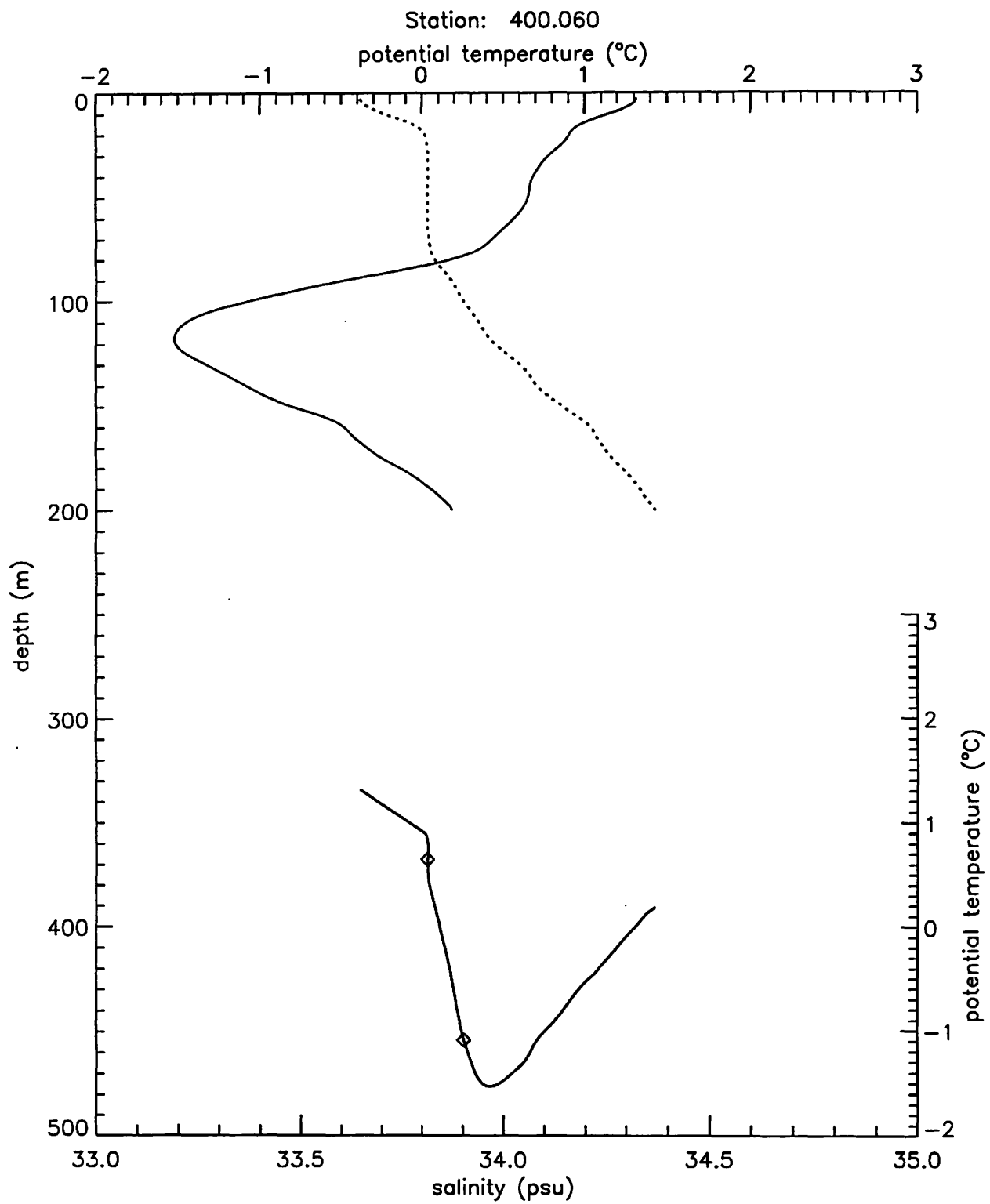
LTER 93a	Station: 400.060 (670)	JulianDay: 27	GMT: 1718
	Latitude: 66° 7.66' S	Longitude: 67° 39.24' W	Depth: 390 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.318	1.317	33.633	26.926	0.0022	3.23e-05
10	1.180	1.179	33.661	26.958	0.0078	8.88e-05
20	0.860	0.860	33.780	27.074	0.0181	6.96e-05
30	0.743	0.742	33.798	27.095	0.0277	8.90e-06
40	0.708	0.707	33.808	27.105	0.0373	1.30e-05
50	0.570	0.568	33.810	27.115	0.0467	3.57e-06
60	0.500	0.498	33.809	27.118	0.0561	6.60e-06
70	0.379	0.376	33.820	27.134	0.0654	2.72e-05
80	0.038	0.035	33.839	27.167	0.0744	3.91e-05
90	-0.468	-0.470	33.877	27.221	0.0831	7.05e-05
100	-1.104	-1.107	33.927	27.288	0.0911	5.10e-05
110	-1.525	-1.527	33.972	27.338	0.0985	3.21e-05
120	-1.495	-1.497	33.989	27.351	0.1057	1.69e-05
130	-1.284	-1.287	34.030	27.377	0.1126	2.64e-05
140	-1.015	-1.019	34.080	27.409	0.1193	3.71e-05
150	-0.545	-0.550	34.173	27.464	0.1256	5.51e-05
160	-0.273	-0.279	34.243	27.509	0.1314	2.92e-05
180	0.050	0.043	34.326	27.560	0.1422	2.07e-05
200	0.406	0.398	34.413	27.611	0.1521	2.55e-05
220	0.661	0.651	34.475	27.645	0.1611	2.43e-05
240	0.988	0.977	34.568	27.700	0.1693	1.48e-05
260	1.068	1.056	34.598	27.719	0.1769	5.83e-06
280	1.115	1.102	34.617	27.731	0.1843	6.68e-06
300	1.204	1.190	34.638	27.742	0.1915	9.11e-06
320	1.238	1.222	34.651	27.750	0.1985	1.82e-06



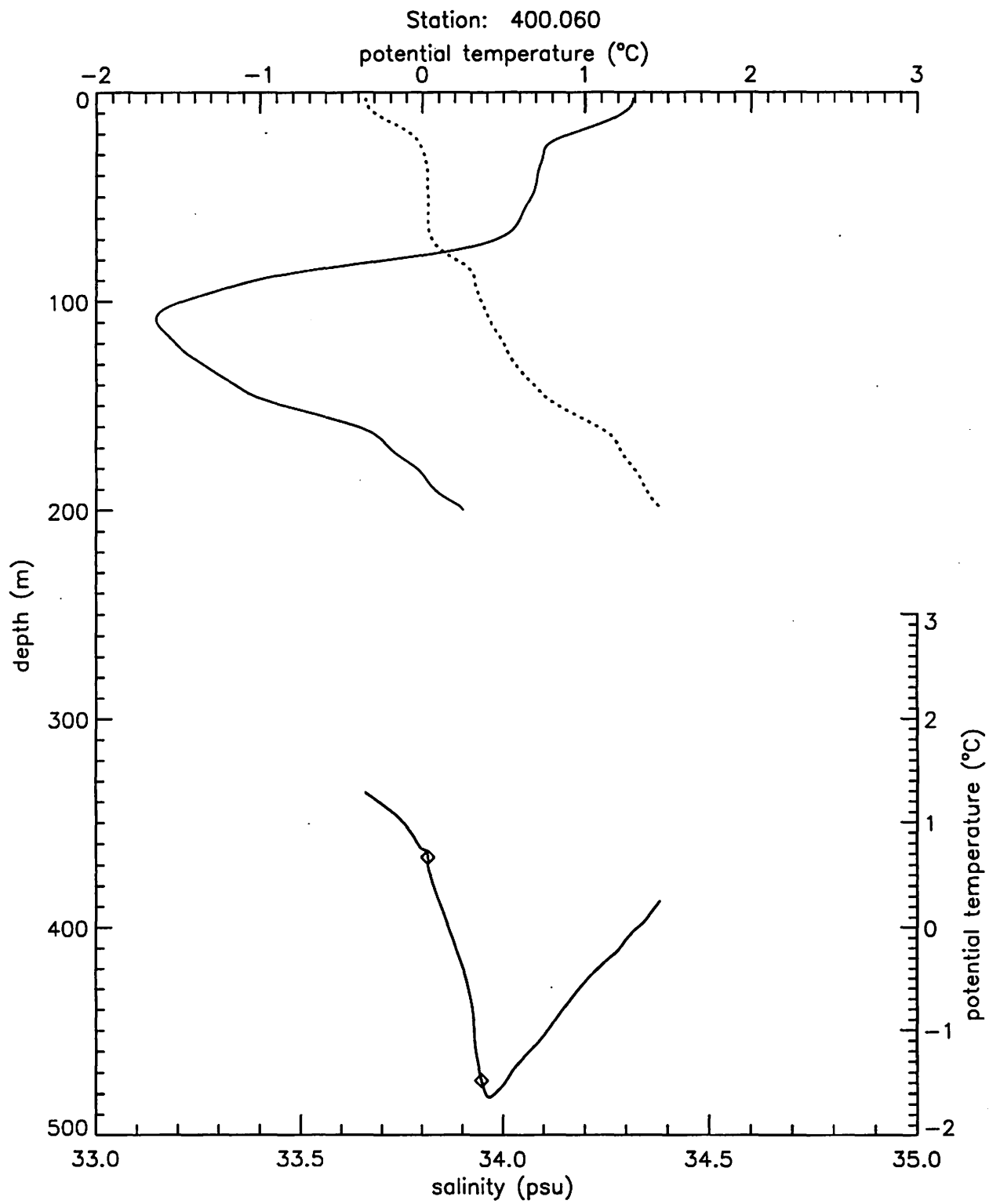
LTER 93a	Station: 400.060 (675)	JulianDay: 27	GMT: 2012
	Latitude: 66° 7.68' S	Longitude: 67° 39.31' W	Depth: 379 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.298	1.298	33.653	26.943	0.0022	4.74e-05
10	1.158	1.157	33.708	26.997	0.0076	1.16e-04
20	0.906	0.905	33.807	27.092	0.0176	3.46e-05
30	0.781	0.780	33.815	27.106	0.0271	1.01e-05
40	0.686	0.684	33.815	27.112	0.0365	2.85e-06
50	0.654	0.652	33.813	27.112	0.0459	2.54e-06
60	0.572	0.569	33.814	27.118	0.0553	6.84e-06
70	0.434	0.431	33.817	27.128	0.0646	1.40e-05
80	0.168	0.165	33.833	27.155	0.0738	4.95e-05
90	-0.491	-0.494	33.873	27.219	0.0825	5.69e-05
100	-1.080	-1.082	33.903	27.268	0.0906	4.71e-05
110	-1.455	-1.457	33.941	27.310	0.0983	3.23e-05
120	-1.513	-1.515	33.978	27.342	0.1056	3.90e-05
130	-1.320	-1.323	34.042	27.388	0.1126	3.53e-05
140	-1.080	-1.084	34.082	27.412	0.1192	2.58e-05
150	-0.794	-0.799	34.146	27.453	0.1255	4.12e-05
160	-0.477	-0.482	34.214	27.495	0.1314	2.64e-05
180	-0.128	-0.135	34.291	27.541	0.1426	2.64e-05
200	0.192	0.184	34.370	27.588	0.1528	1.94e-05



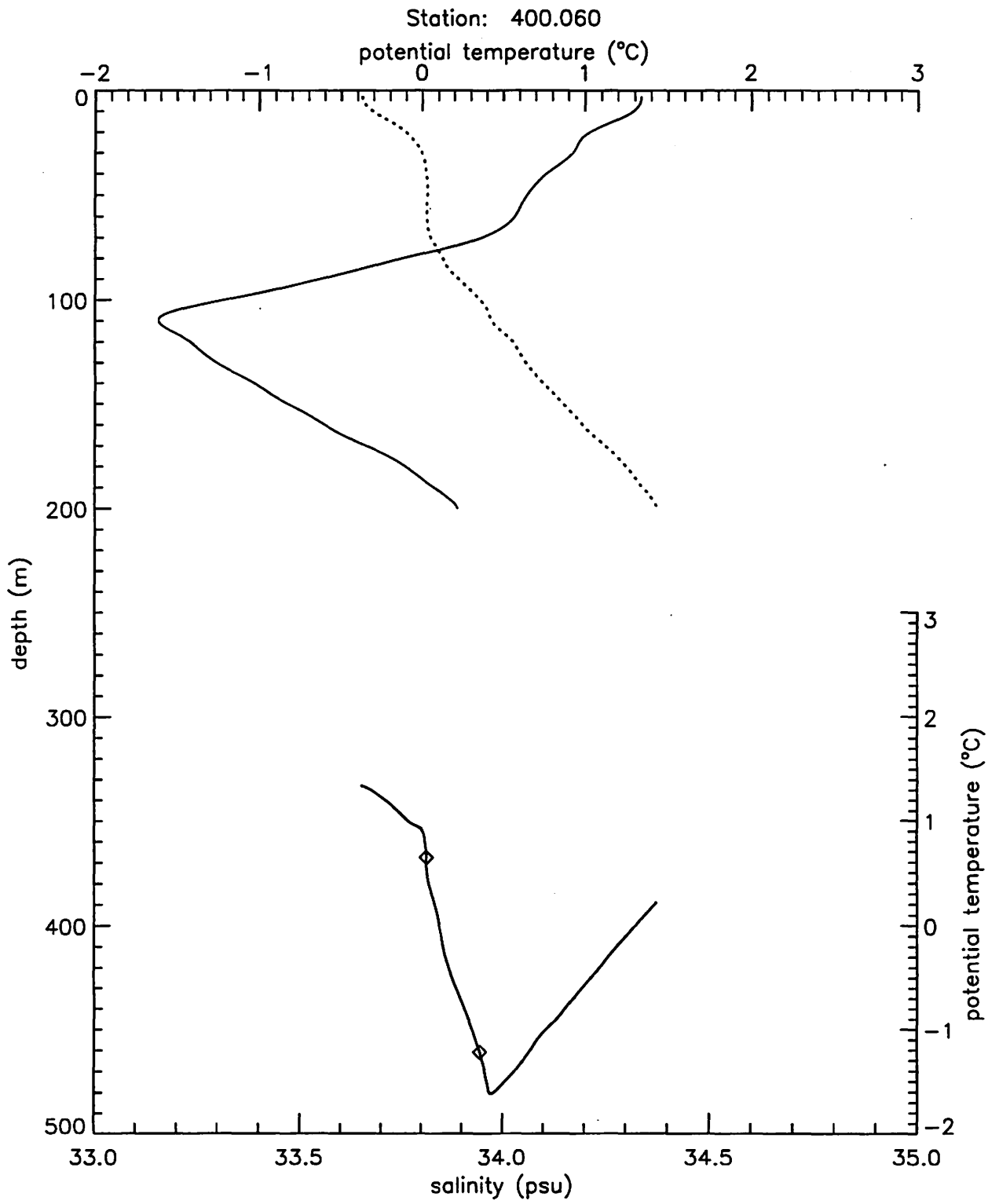
LTER 93a	Station: 400.060 (682)	JulianDay: 27	GMT: 2326
	Latitude: 66° 7.91' S	Longitude: 67° 39.37' W	Depth: 313 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.286	1.286	33.659	26.949	0.0022	1.21e-05
10	1.231	1.231	33.681	26.970	0.0076	6.39e-05
20	0.916	0.915	33.770	27.062	0.0180	7.16e-05
30	0.746	0.745	33.804	27.099	0.0276	1.68e-05
40	0.712	0.710	33.812	27.108	0.0371	2.54e-06
50	0.675	0.673	33.814	27.112	0.0466	5.99e-06
60	0.607	0.605	33.814	27.116	0.0560	4.24e-06
70	0.460	0.458	33.824	27.132	0.0653	4.24e-05
80	-0.205	-0.207	33.884	27.216	0.0742	1.02e-04
90	-1.034	-1.036	33.929	27.287	0.0822	3.44e-05
100	-1.471	-1.473	33.947	27.316	0.0897	2.84e-05
110	-1.627	-1.630	33.970	27.339	0.0970	2.02e-05
120	-1.514	-1.517	34.001	27.361	0.1041	1.82e-05
130	-1.344	-1.347	34.030	27.379	0.1110	2.23e-05
140	-1.146	-1.150	34.076	27.410	0.1177	3.12e-05
150	-0.849	-0.853	34.136	27.448	0.1241	4.55e-05
160	-0.393	-0.398	34.232	27.505	0.1300	4.87e-05
180	-0.028	-0.034	34.318	27.558	0.1408	1.98e-05
200	0.262	0.254	34.381	27.593	0.1508	9.71e-06



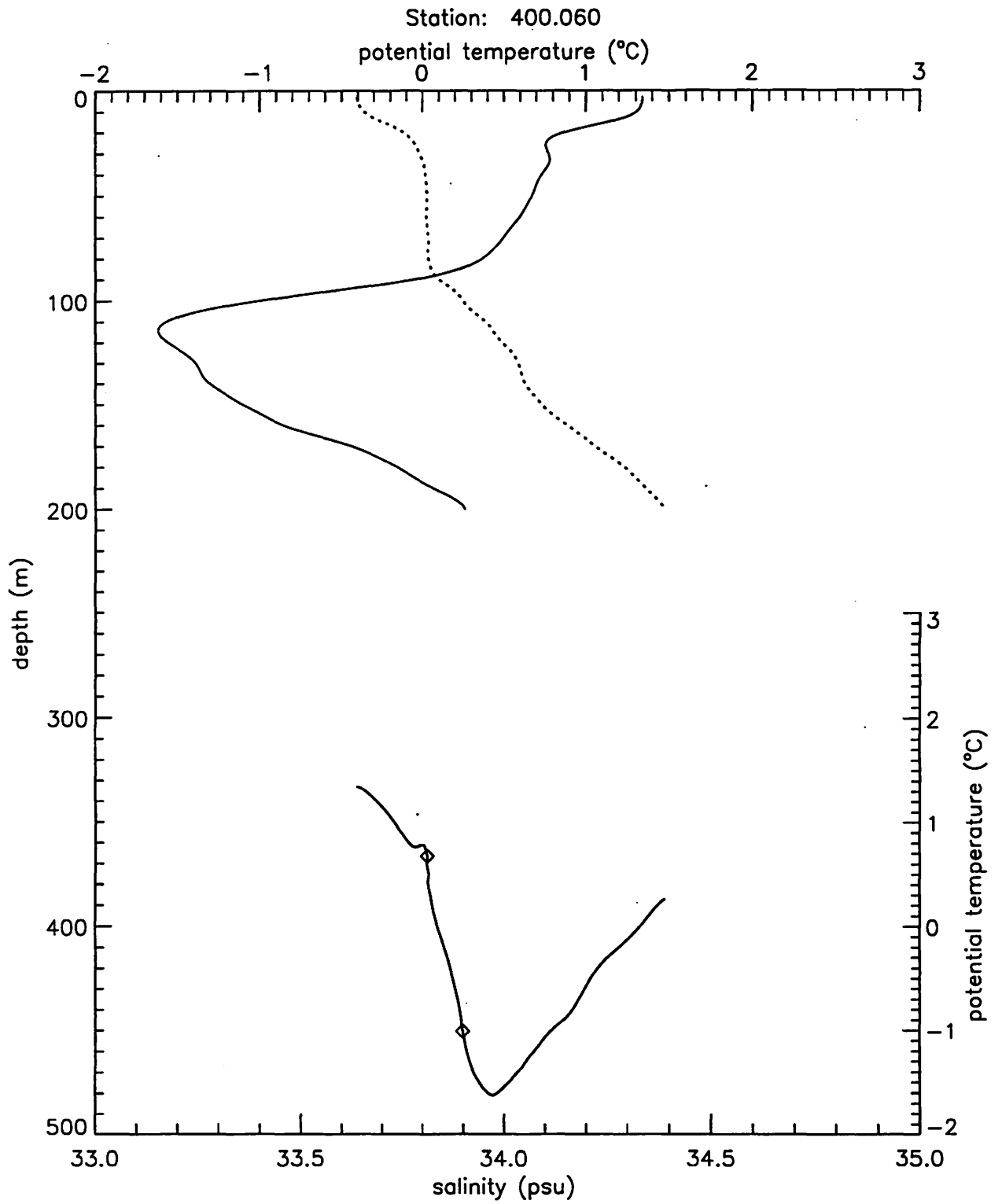
LTER 93a	Station: 400.060 (685)	JulianDay: 28	GMT: 0223
	Latitude: 66° 7.81' S	Longitude: 67° 39.34' W	Depth: 346 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.337	1.336	33.653	26.941	0.0022	1.45e-05
10	1.293	1.293	33.677	26.962	0.0077	6.32e-05
20	1.031	1.030	33.758	27.045	0.0181	6.03e-05
30	0.927	0.926	33.799	27.084	0.0280	2.58e-05
40	0.767	0.766	33.810	27.103	0.0376	1.33e-05
50	0.650	0.648	33.812	27.112	0.0470	4.36e-06
60	0.577	0.575	33.811	27.116	0.0564	7.57e-06
70	0.381	0.378	33.820	27.134	0.0657	3.68e-05
80	-0.115	-0.117	33.851	27.184	0.0747	4.95e-05
90	-0.627	-0.630	33.891	27.240	0.0832	6.33e-05
100	-1.213	-1.216	33.945	27.306	0.0910	5.65e-05
110	-1.611	-1.613	33.973	27.341	0.0983	2.73e-05
120	-1.419	-1.422	34.025	27.378	0.1054	2.82e-05
130	-1.257	-1.260	34.057	27.399	0.1121	2.10e-05
140	-1.027	-1.031	34.099	27.425	0.1186	2.82e-05
150	-0.822	-0.826	34.148	27.456	0.1248	2.83e-05
160	-0.597	-0.602	34.195	27.485	0.1308	2.66e-05
180	-0.094	-0.100	34.302	27.548	0.1419	2.30e-05
200	0.231	0.224	34.375	27.589	0.1520	1.21e-05



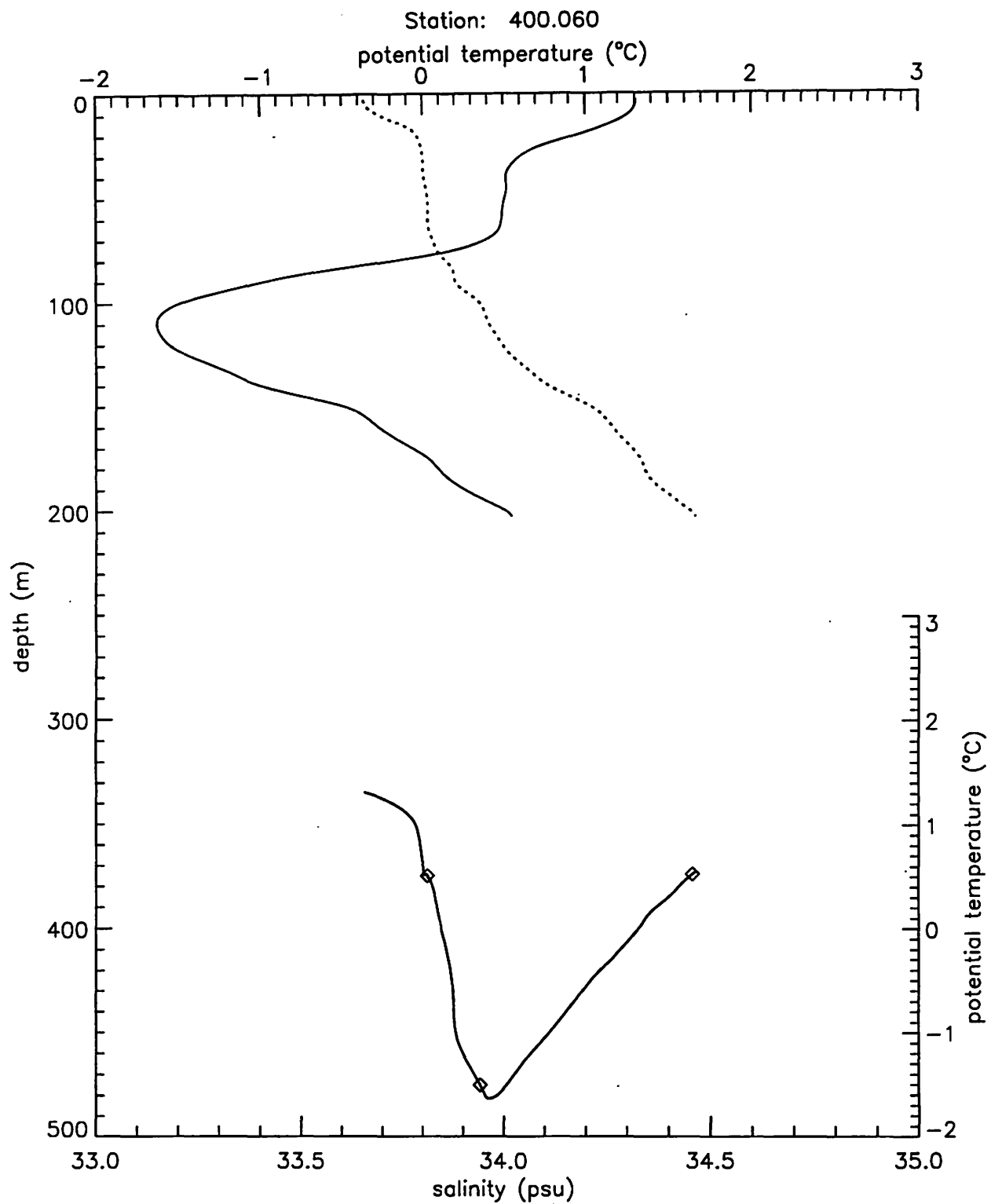
LTER 93a	Station: 400.060 (688)	JulianDay: 28	GMT: 0528
	Latitude: 66° 7.79' S	Longitude: 67° 39.31' W	Depth: 341 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.340	1.340	33.640	26.929	0.0022	1.13e-05
10	1.310	1.309	33.656	26.944	0.0078	6.09e-05
20	0.871	0.870	33.753	27.051	0.0183	8.21e-05
30	0.774	0.773	33.793	27.089	0.0281	1.82e-05
40	0.736	0.735	33.807	27.103	0.0376	9.99e-06
50	0.675	0.673	33.811	27.109	0.0471	4.30e-06
60	0.604	0.601	33.810	27.113	0.0565	6.12e-06
70	0.503	0.501	33.815	27.122	0.0659	7.57e-06
80	0.374	0.371	33.815	27.130	0.0752	1.81e-05
90	-0.044	-0.047	33.840	27.172	0.0843	7.88e-05
100	-0.999	-1.001	33.899	27.261	0.0926	6.99e-05
110	-1.567	-1.569	33.954	27.324	0.1003	4.76e-05
120	-1.556	-1.559	33.995	27.357	0.1074	3.10e-05
130	-1.388	-1.391	34.035	27.385	0.1143	1.45e-05
140	-1.302	-1.305	34.052	27.395	0.1210	1.66e-05
150	-1.100	-1.104	34.092	27.421	0.1276	2.87e-05
160	-0.856	-0.860	34.154	27.462	0.1338	3.96e-05
180	-0.151	-0.157	34.292	27.543	0.1452	3.66e-05
200	0.270	0.262	34.389	27.599	0.1553	1.09e-05



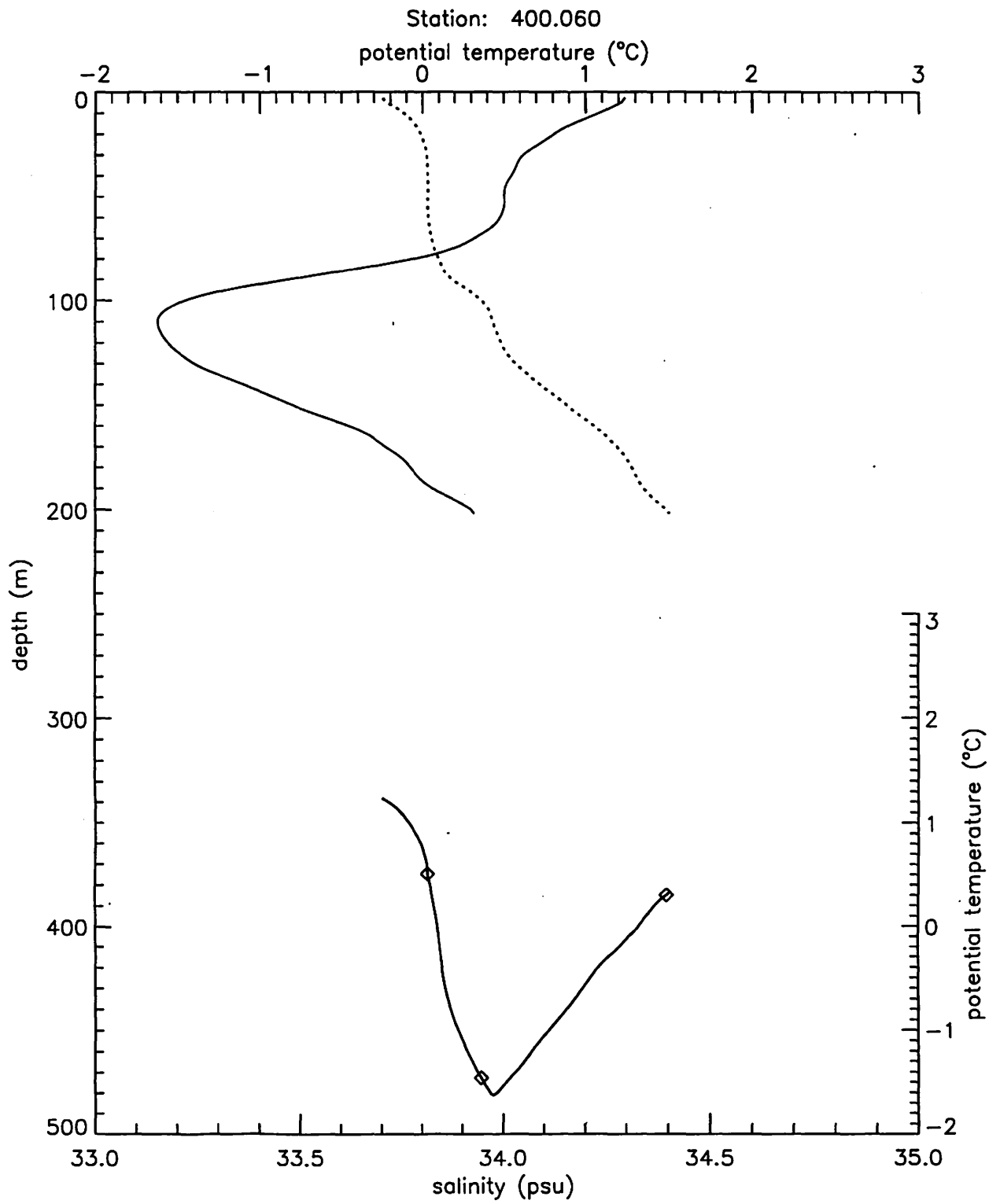
LTER 93a	Station: 400.060 (691)	JulianDay: 28	GMT: 0834
	Latitude: 66° 7.77' S	Longitude: 67° 39.32' W	Depth: 362 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.306	1.306	33.657	26.946	0.0022	2.00e-05
10	1.264	1.263	33.690	26.975	0.0076	8.35e-05
20	0.951	0.950	33.786	27.072	0.0178	5.86e-05
30	0.606	0.605	33.800	27.104	0.0275	1.57e-05
40	0.519	0.517	33.803	27.112	0.0369	6.54e-06
50	0.509	0.507	33.811	27.119	0.0463	4.66e-06
60	0.492	0.489	33.813	27.122	0.0556	4.42e-06
70	0.389	0.387	33.825	27.137	0.0649	3.03e-05
80	-0.185	-0.188	33.858	27.193	0.0738	7.21e-05
90	-1.001	-1.003	33.882	27.247	0.0822	5.02e-05
100	-1.498	-1.500	33.942	27.312	0.0899	4.47e-05
110	-1.627	-1.629	33.964	27.334	0.0973	2.04e-05
120	-1.546	-1.549	33.997	27.358	0.1044	2.49e-05
130	-1.276	-1.279	34.048	27.392	0.1113	3.63e-05
140	-0.976	-0.980	34.114	27.435	0.1178	5.03e-05
150	-0.470	-0.475	34.216	27.496	0.1238	4.61e-05
160	-0.263	-0.269	34.268	27.528	0.1294	2.44e-05
180	0.106	0.100	34.343	27.571	0.1398	1.26e-05
200	0.536	0.527	34.457	27.638	0.1494	2.71e-05



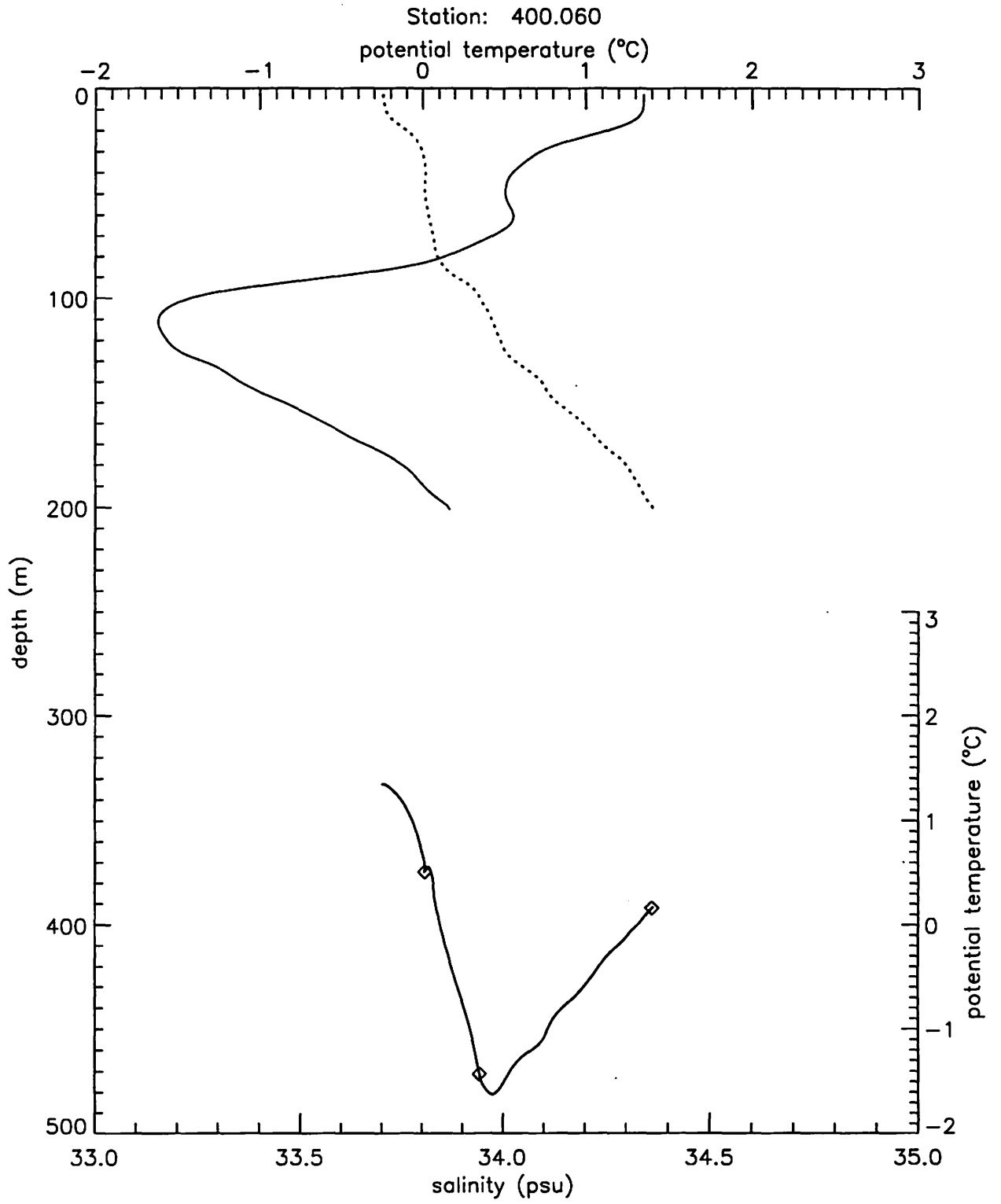
LTER 93a	Station: 400.060 (694)	JulianDay: 28	GMT: 1128
	Latitude: 66° 7.71' S	Longitude: 67° 39.40' W	Depth: 370 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.215	1.215	33.711	26.995	0.0021	5.93e-05
10	1.080	1.079	33.753	27.037	0.0073	7.15e-05
20	0.811	0.811	33.796	27.089	0.0171	3.20e-05
30	0.623	0.622	33.811	27.112	0.0266	1.30e-05
40	0.549	0.548	33.813	27.118	0.0360	4.66e-06
50	0.509	0.507	33.813	27.121	0.0454	4.84e-07
60	0.480	0.478	33.814	27.123	0.0547	8.48e-06
70	0.323	0.320	33.823	27.139	0.0639	2.14e-05
80	-0.061	-0.064	33.840	27.173	0.0729	4.73e-05
90	-0.830	-0.832	33.875	27.235	0.0815	7.93e-05
100	-1.451	-1.453	33.946	27.314	0.0893	5.39e-05
110	-1.617	-1.620	33.974	27.342	0.0966	1.48e-05
120	-1.556	-1.558	33.995	27.357	0.1037	1.61e-05
130	-1.392	-1.395	34.031	27.382	0.1106	3.18e-05
140	-1.089	-1.093	34.091	27.420	0.1172	3.79e-05
150	-0.791	-0.795	34.156	27.461	0.1234	3.58e-05
160	-0.452	-0.457	34.221	27.499	0.1293	3.47e-05
180	-0.069	-0.075	34.312	27.554	0.1402	1.61e-05
200	0.309	0.301	34.396	27.602	0.1502	2.57e-05



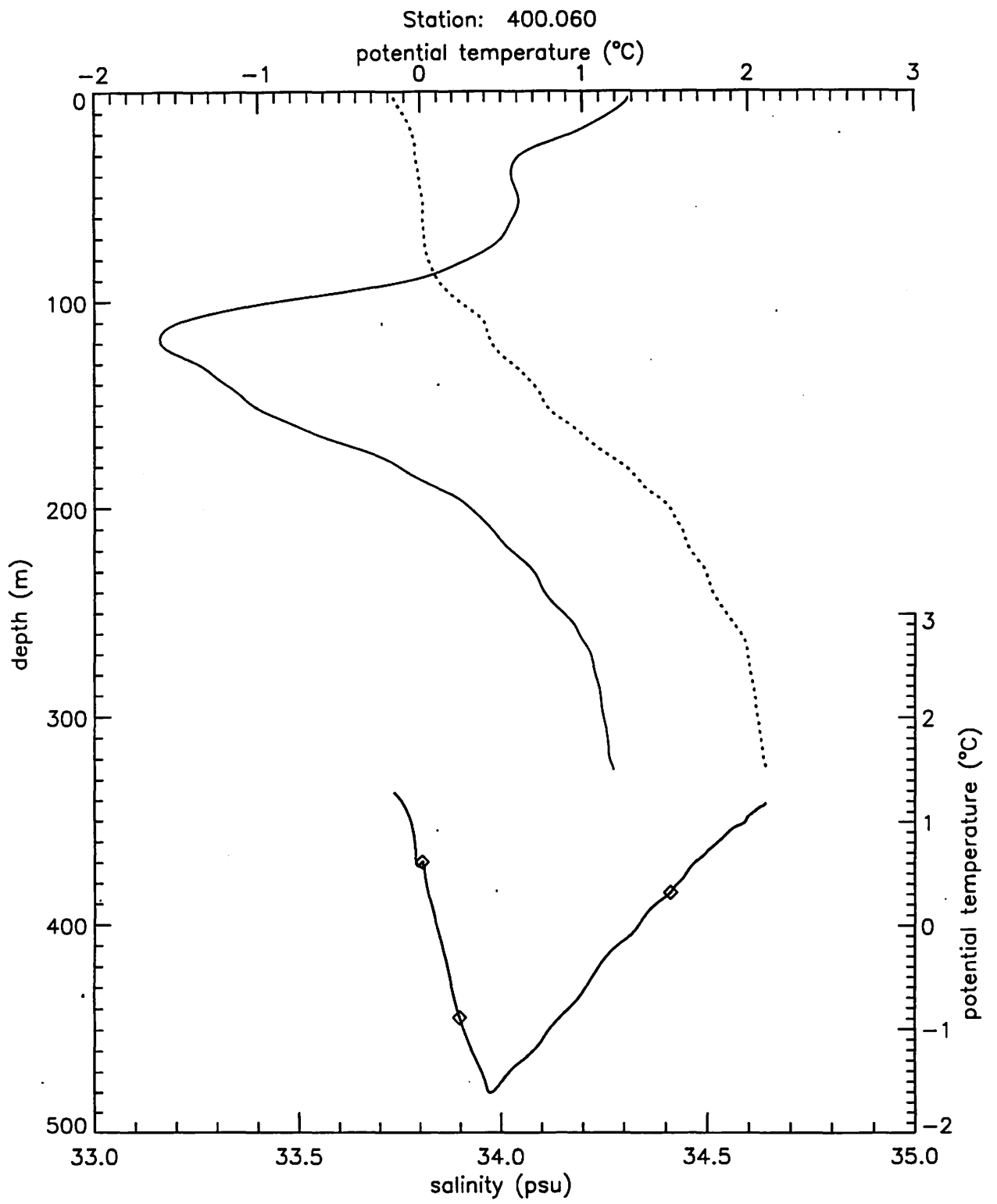
LTER 93a	Station: 400.060 (697)	JulianDay: 28	GMT: 1428
	Latitude: 66° 7.80' S	Longitude: 67° 39.29' W	Depth: 343 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.349	1.349	33.703	26.979	0.0021	5.04e-06
10	1.345	1.345	33.708	26.984	0.0075	2.04e-05
20	1.137	1.136	33.759	27.038	0.0179	7.13e-05
30	0.728	0.727	33.798	27.096	0.0277	3.06e-05
40	0.557	0.555	33.806	27.112	0.0372	7.26e-06
50	0.513	0.511	33.806	27.115	0.0466	2.30e-06
60	0.562	0.559	33.814	27.119	0.0559	8.60e-06
70	0.431	0.429	33.826	27.136	0.0652	2.04e-05
80	0.135	0.132	33.836	27.160	0.0743	3.97e-05
90	-0.573	-0.575	33.886	27.234	0.0830	9.69e-05
100	-1.422	-1.424	33.942	27.310	0.0908	4.30e-05
110	-1.613	-1.616	33.971	27.339	0.0981	1.91e-05
120	-1.561	-1.563	33.992	27.355	0.1052	1.44e-05
130	-1.339	-1.342	34.028	27.377	0.1122	3.86e-05
140	-1.113	-1.117	34.094	27.423	0.1188	2.53e-05
150	-0.843	-0.847	34.133	27.445	0.1251	3.35e-05
160	-0.589	-0.594	34.197	27.486	0.1311	3.03e-05
180	-0.119	-0.125	34.299	27.547	0.1422	2.41e-05
200	0.169	0.161	34.362	27.583	0.1525	1.40e-05



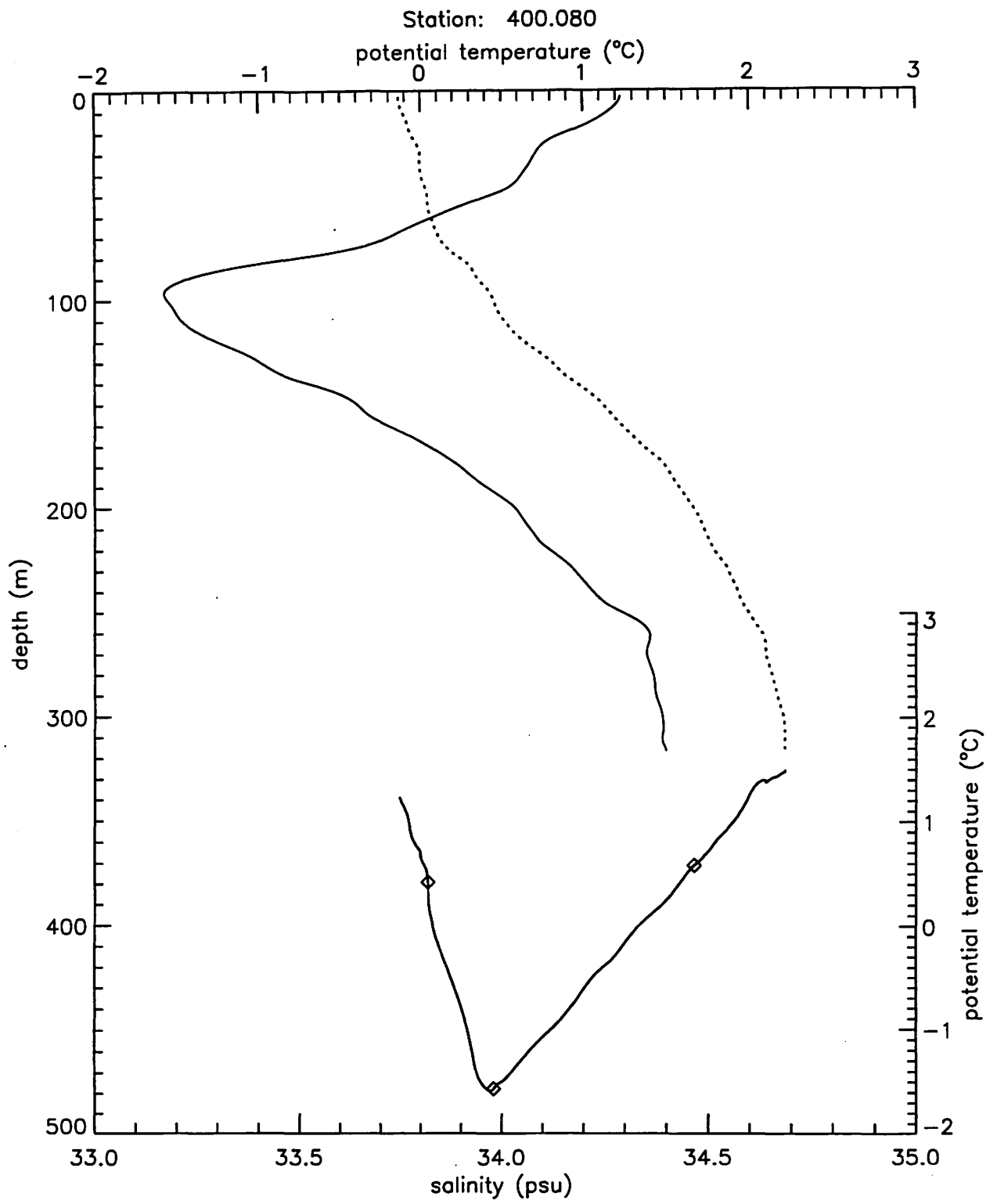
LTER 93a	Station: 400.060 (700)	JulianDay: 28	GMT: 1726
	Latitude: 66° 7.72' S	Longitude: 67° 39.35' W	Depth: 348 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.266	1.266	33.738	27.013	0.0021	2.40e-05
10	1.183	1.182	33.755	27.032	0.0072	3.65e-05
20	0.938	0.937	33.779	27.068	0.0172	3.20e-05
30	0.626	0.624	33.788	27.094	0.0269	1.54e-05
40	0.568	0.567	33.797	27.104	0.0364	4.72e-06
50	0.610	0.608	33.804	27.108	0.0459	5.09e-06
60	0.581	0.579	33.806	27.111	0.0553	4.96e-06
70	0.509	0.506	33.810	27.119	0.0647	9.81e-06
80	0.304	0.301	33.819	27.137	0.0740	2.80e-05
90	-0.042	-0.045	33.844	27.175	0.0830	5.76e-05
100	-0.879	-0.882	33.897	27.255	0.0915	8.40e-05
110	-1.480	-1.482	33.960	27.326	0.0991	3.80e-05
120	-1.591	-1.593	33.978	27.345	0.1063	2.11e-05
130	-1.367	-1.370	34.027	27.378	0.1133	3.75e-05
140	-1.193	-1.196	34.079	27.414	0.1200	2.65e-05
150	-1.033	-1.037	34.109	27.433	0.1264	2.08e-05
160	-0.766	-0.771	34.172	27.473	0.1325	4.06e-05
180	-0.124	-0.131	34.305	27.552	0.1437	3.75e-05
200	0.324	0.316	34.412	27.614	0.1536	2.00e-05
220	0.574	0.565	34.461	27.639	0.1627	1.50e-05
240	0.777	0.767	34.514	27.670	0.1713	1.37e-05
260	0.989	0.977	34.583	27.712	0.1793	1.75e-05
280	1.090	1.077	34.606	27.724	0.1867	5.35e-06
300	1.139	1.124	34.621	27.732	0.1940	4.25e-06
320	1.178	1.163	34.636	27.742	0.2012	3.95e-06



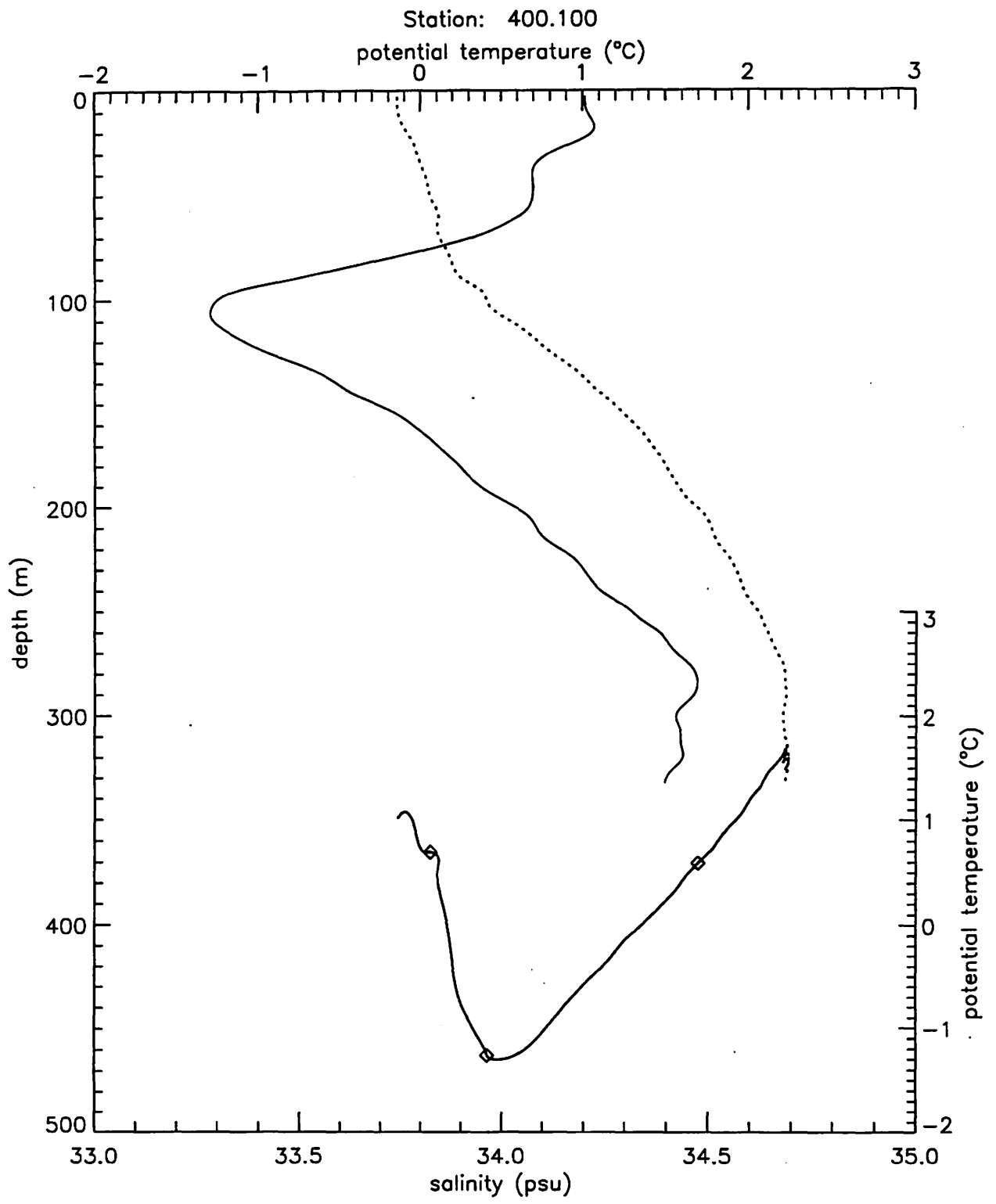
LTER 93a	Station: 400.080 (704)	JulianDay: 28	GMT: 1935
	Latitude: 66° 0.25' S	Longitude: 67° 58.48' W	Depth: 328 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.222	1.222	33.747	27.023	0.0021	8.67e-06
10	1.159	1.159	33.754	27.033	0.0072	2.53e-05
20	0.899	0.898	33.774	27.066	0.0172	3.54e-05
30	0.710	0.709	33.798	27.097	0.0268	1.24e-05
40	0.627	0.625	33.802	27.105	0.0364	1.54e-05
50	0.425	0.423	33.817	27.129	0.0458	2.40e-05
60	0.077	0.075	33.825	27.154	0.0549	2.86e-05
70	-0.207	-0.209	33.846	27.185	0.0638	4.05e-05
80	-0.788	-0.790	33.900	27.254	0.0722	7.94e-05
90	-1.449	-1.451	33.942	27.311	0.0799	4.26e-05
100	-1.553	-1.555	33.980	27.345	0.0872	1.70e-05
110	-1.464	-1.467	34.007	27.364	0.0943	2.53e-05
120	-1.243	-1.246	34.057	27.397	0.1011	4.05e-05
130	-0.976	-0.979	34.125	27.443	0.1075	3.55e-05
140	-0.686	-0.690	34.186	27.481	0.1136	3.80e-05
150	-0.390	-0.395	34.247	27.518	0.1193	2.95e-05
160	-0.195	-0.201	34.293	27.546	0.1247	2.57e-05
180	0.259	0.252	34.400	27.609	0.1347	2.05e-05
200	0.595	0.586	34.467	27.643	0.1438	1.66e-05
220	0.808	0.798	34.516	27.670	0.1524	1.40e-05
240	1.074	1.063	34.573	27.698	0.1604	7.35e-06
260	1.412	1.399	34.632	27.722	0.1681	1.54e-05
280	1.438	1.424	34.655	27.739	0.1754	8.81e-06
300	1.491	1.476	34.682	27.756	0.1824	5.59e-06



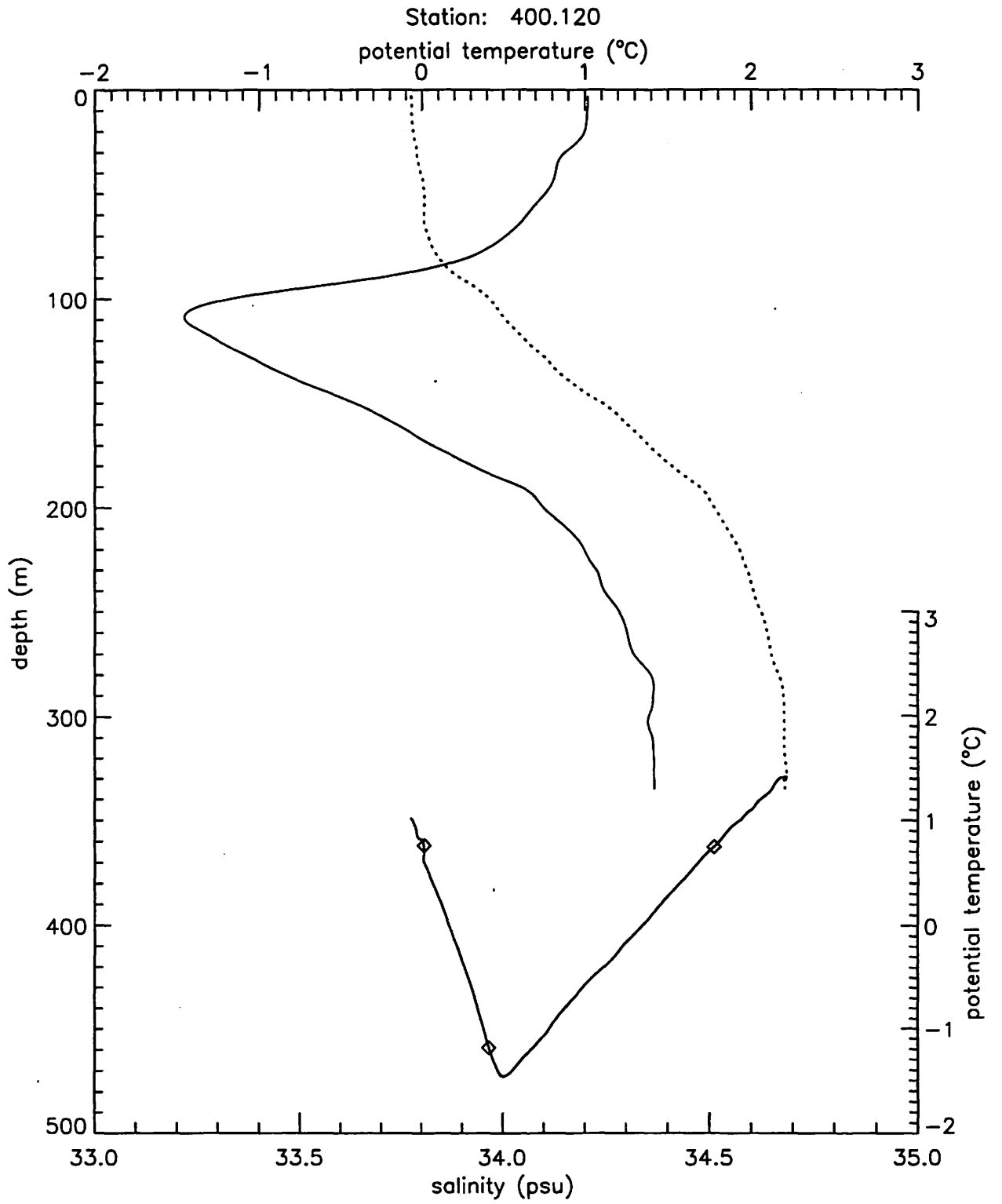
LTER 93a Station: 400.100 (712) JulianDay: 28 GMT: 2327
Latitude: 65° 52.70' S Longitude: 68° 16.95' W Depth: 343 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.015	1.015	33.742	27.033	0.0020	0.00e+00
10	1.028	1.027	33.745	27.034	0.0071	5.51e-06
20	1.061	1.061	33.767	27.050	0.0172	2.94e-05
30	0.802	0.801	33.792	27.086	0.0270	2.88e-05
40	0.695	0.693	33.811	27.108	0.0366	1.42e-05
50	0.697	0.695	33.823	27.118	0.0460	1.51e-05
60	0.614	0.612	33.845	27.140	0.0553	1.47e-05
70	0.330	0.328	33.847	27.158	0.0643	3.88e-05
80	-0.207	-0.209	33.874	27.208	0.0731	4.42e-05
90	-0.803	-0.806	33.904	27.258	0.0814	7.56e-05
100	-1.252	-1.254	33.964	27.323	0.0890	3.34e-05
110	-1.271	-1.274	34.022	27.370	0.0961	5.57e-05
120	-1.080	-1.083	34.090	27.419	0.1028	3.81e-05
130	-0.775	-0.778	34.155	27.460	0.1091	4.03e-05
140	-0.517	-0.521	34.215	27.498	0.1150	3.22e-05
150	-0.268	-0.273	34.275	27.534	0.1205	3.11e-05
160	-0.043	-0.049	34.328	27.566	0.1258	2.78e-05
180	0.253	0.246	34.402	27.610	0.1355	1.61e-05
200	0.599	0.590	34.476	27.650	0.1446	2.57e-05
220	0.872	0.863	34.536	27.681	0.1530	1.54e-05
240	1.118	1.107	34.588	27.707	0.1609	8.08e-06
260	1.478	1.465	34.645	27.728	0.1683	7.77e-06
280	1.693	1.679	34.686	27.745	0.1755	7.90e-07
300	1.572	1.557	34.681	27.750	0.1825	9.72e-07
320	1.613	1.597	34.694	27.757	0.1895	4.80e-06



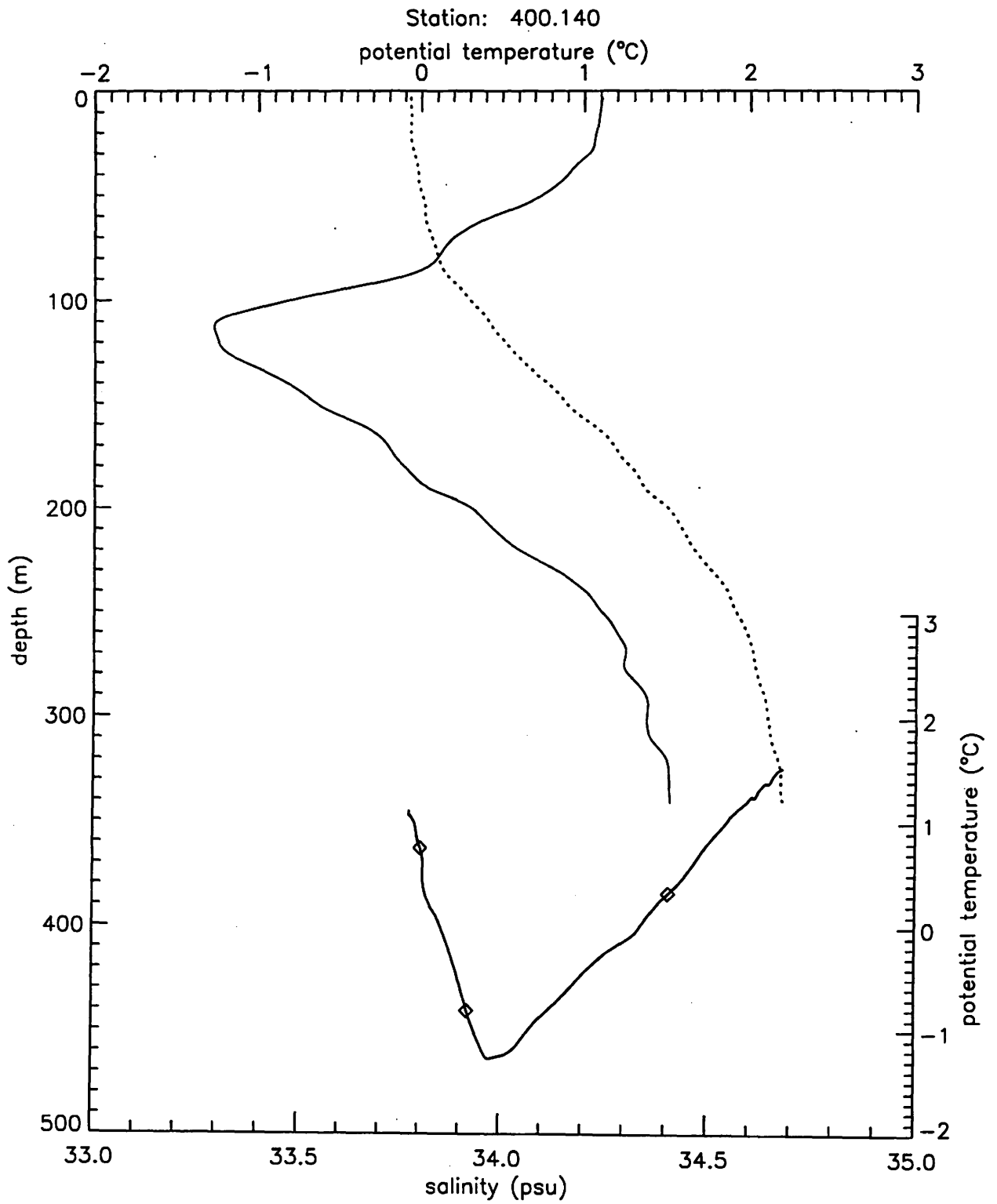
LTER 93a Station: 400.120 (726) JulianDay: 29 GMT: 0857
 Latitude: 65° 45.12' S Longitude: 68° 35.55' W Depth: 346 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.017	1.017	33.773	27.058	0.0020	0.00e+00
10	1.016	1.015	33.774	27.059	0.0069	1.88e-06
20	1.000	0.999	33.778	27.063	0.0169	8.96e-06
30	0.883	0.882	33.787	27.078	0.0267	1.35e-05
40	0.822	0.821	33.796	27.089	0.0364	1.22e-05
50	0.762	0.760	33.806	27.100	0.0460	8.23e-06
60	0.650	0.648	33.805	27.106	0.0554	7.14e-06
70	0.521	0.518	33.815	27.122	0.0649	2.34e-05
80	0.298	0.295	33.839	27.154	0.0741	4.81e-05
90	-0.281	-0.284	33.895	27.228	0.0828	9.59e-05
100	-1.177	-1.180	33.966	27.322	0.0905	6.48e-05
110	-1.449	-1.452	34.006	27.363	0.0977	3.21e-05
120	-1.247	-1.250	34.056	27.397	0.1045	3.39e-05
130	-1.001	-1.005	34.112	27.434	0.1110	2.83e-05
140	-0.732	-0.737	34.165	27.466	0.1172	3.72e-05
150	-0.418	-0.423	34.239	27.513	0.1230	4.43e-05
160	-0.157	-0.162	34.300	27.549	0.1284	2.96e-05
180	0.319	0.312	34.409	27.612	0.1383	3.17e-05
200	0.757	0.748	34.512	27.669	0.1471	1.54e-05
220	1.004	0.994	34.572	27.702	0.1551	1.21e-05
240	1.128	1.117	34.605	27.720	0.1627	6.01e-06
260	1.268	1.256	34.639	27.738	0.1700	6.01e-06
280	1.412	1.398	34.666	27.750	0.1771	8.69e-06
300	1.401	1.386	34.679	27.761	0.1839	1.88e-06
320	1.433	1.417	34.681	27.760	0.1907	4.25e-06



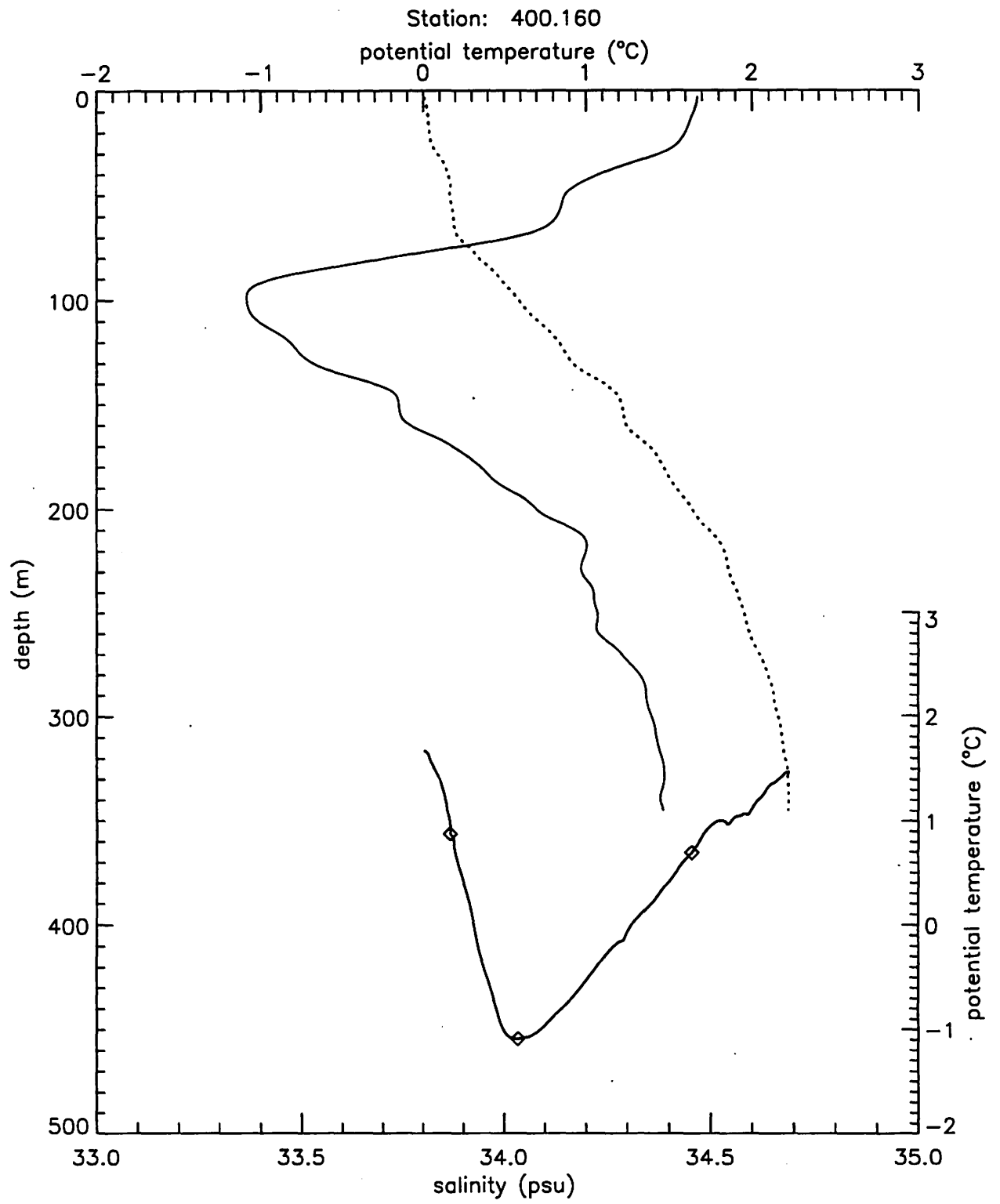
LTER 93a Station: 400.140 (735) JulianDay: 29 GMT: 1327
 Latitude: 65° 37.36' S Longitude: 68° 54.04' W Depth: 356 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.105	1.104	33.773	27.052	0.0020	8.07e-07
10	1.095	1.095	33.774	27.053	0.0070	1.15e-06
20	1.072	1.071	33.773	27.054	0.0170	2.36e-06
30	1.031	1.030	33.781	27.064	0.0269	1.80e-05
40	0.901	0.900	33.791	27.079	0.0367	1.14e-05
50	0.745	0.743	33.802	27.098	0.0463	2.35e-05
60	0.452	0.450	33.809	27.121	0.0558	2.21e-05
70	0.212	0.209	33.825	27.147	0.0650	2.44e-05
80	0.102	0.099	33.841	27.166	0.0740	1.97e-05
90	-0.169	-0.172	33.870	27.203	0.0827	6.09e-05
100	-0.807	-0.810	33.920	27.271	0.0909	6.10e-05
110	-1.250	-1.253	33.966	27.324	0.0985	3.59e-05
120	-1.242	-1.245	34.006	27.356	0.1057	3.42e-05
130	-1.084	-1.087	34.054	27.390	0.1126	3.10e-05
140	-0.827	-0.831	34.111	27.426	0.1192	3.46e-05
150	-0.648	-0.652	34.158	27.457	0.1254	2.83e-05
160	-0.383	-0.388	34.220	27.495	0.1313	3.86e-05
180	-0.102	-0.109	34.312	27.556	0.1423	2.69e-05
200	0.325	0.317	34.407	27.610	0.1522	2.64e-05
220	0.622	0.612	34.470	27.643	0.1613	1.46e-05
240	1.027	1.016	34.549	27.681	0.1698	1.01e-05
260	1.217	1.205	34.595	27.706	0.1777	9.11e-06
280	1.292	1.278	34.619	27.720	0.1853	4.37e-06
300	1.397	1.383	34.644	27.733	0.1927	4.92e-06
320	1.523	1.507	34.670	27.745	0.1999	6.93e-06
340	1.544	1.526	34.681	27.752	0.2069	8.51e-06



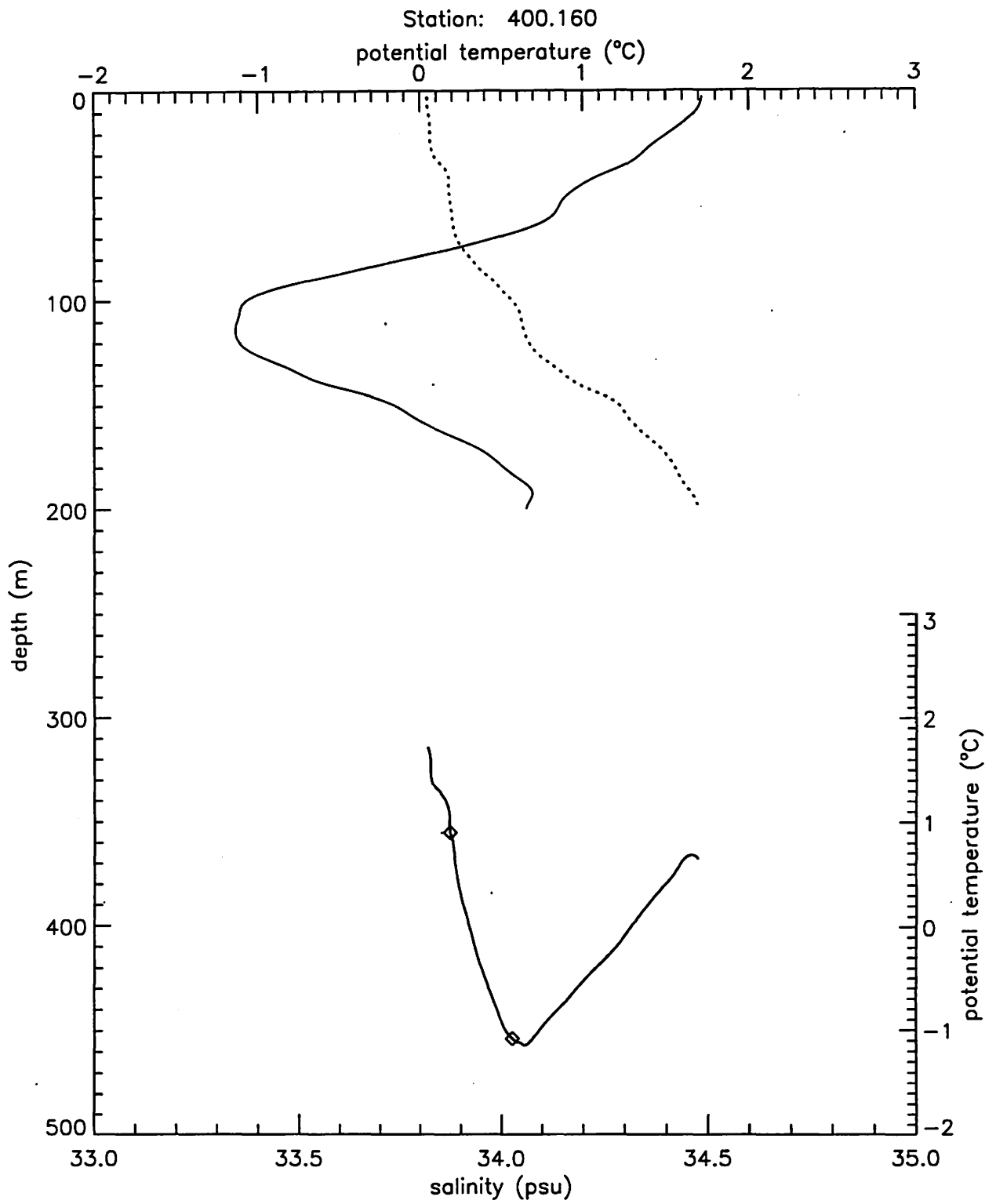
LTER 93a	Station: 400.160 (737)	JulianDay: 29	GMT: 1533
	Latitude: 65° 29.70' S	Longitude: 69° 12.07' W	Depth: 358 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.670	1.669	33.804	27.038	0.0020	9.08e-06
10	1.651	1.650	33.810	27.044	0.0071	9.98e-06
20	1.601	1.600	33.815	27.052	0.0171	1.03e-05
30	1.446	1.445	33.835	27.079	0.0270	4.61e-05
40	1.076	1.074	33.862	27.126	0.0365	3.11e-05
50	0.875	0.873	33.867	27.143	0.0457	7.99e-06
60	0.827	0.825	33.875	27.152	0.0548	1.05e-05
70	0.573	0.570	33.887	27.177	0.0637	6.09e-05
80	-0.210	-0.212	33.936	27.258	0.0721	7.83e-05
90	-0.922	-0.924	33.990	27.332	0.0798	5.48e-05
100	-1.085	-1.087	34.034	27.374	0.0868	3.44e-05
110	-1.014	-1.017	34.083	27.410	0.0936	3.67e-05
120	-0.819	-0.823	34.134	27.445	0.0999	2.41e-05
130	-0.680	-0.684	34.168	27.466	0.1060	2.95e-05
140	-0.302	-0.306	34.244	27.511	0.1119	3.98e-05
150	-0.147	-0.153	34.287	27.538	0.1173	1.08e-05
160	-0.075	-0.081	34.298	27.543	0.1227	1.20e-05
180	0.364	0.357	34.388	27.592	0.1328	1.32e-05
200	0.705	0.696	34.456	27.627	0.1423	1.53e-05
220	1.013	1.003	34.533	27.670	0.1511	1.85e-05
240	1.058	1.046	34.565	27.692	0.1592	1.21e-05
260	1.087	1.075	34.594	27.714	0.1670	7.23e-06
280	1.339	1.326	34.639	27.733	0.1743	6.86e-06
300	1.410	1.395	34.662	27.747	0.1815	6.26e-06
320	1.475	1.459	34.679	27.756	0.1884	4.56e-06
340	1.467	1.449	34.688	27.764	0.1952	0.00e+00



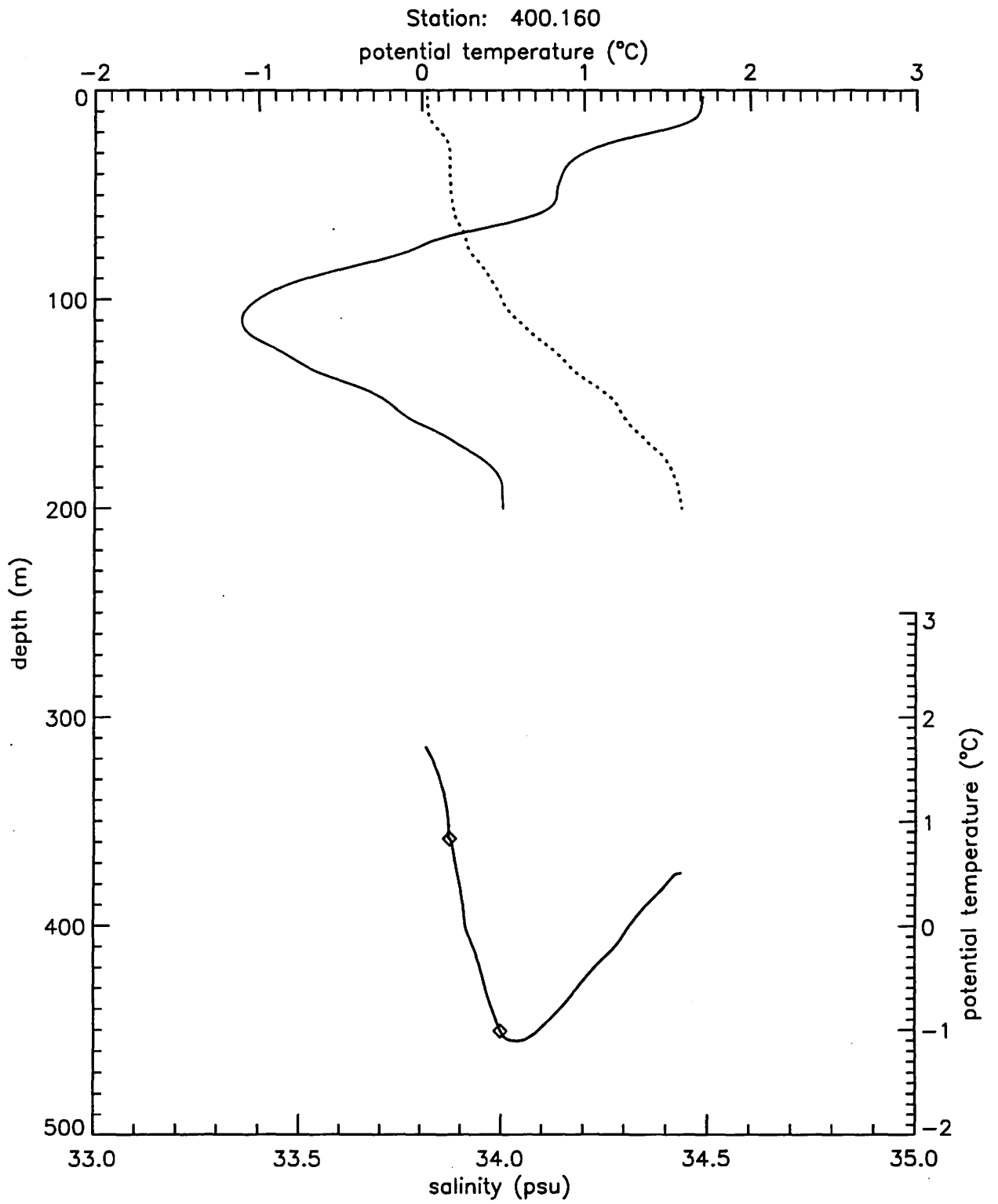
LTER 93a Station: 400.160 (743) JulianDay: 29 GMT: 1823
 Latitude: 65° 29.65' S Longitude: 69° 11.74' W Depth: 357 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.715	1.715	33.818	27.046	0.0020	1.61e-06
10	1.684	1.684	33.820	27.050	0.0070	1.19e-05
20	1.524	1.523	33.824	27.064	0.0170	1.31e-05
30	1.359	1.357	33.832	27.082	0.0268	3.19e-05
40	1.117	1.115	33.870	27.129	0.0362	3.25e-05
50	0.905	0.903	33.873	27.145	0.0454	1.22e-05
60	0.815	0.812	33.879	27.156	0.0545	1.53e-05
70	0.484	0.481	33.890	27.184	0.0634	4.14e-05
80	-0.055	-0.058	33.925	27.241	0.0718	6.32e-05
90	-0.660	-0.662	33.976	27.310	0.0797	6.72e-05
100	-1.070	-1.073	34.026	27.366	0.0869	4.05e-05
110	-1.125	-1.127	34.050	27.388	0.0937	1.04e-05
120	-1.109	-1.112	34.067	27.401	0.1004	1.96e-05
130	-0.870	-0.874	34.119	27.434	0.1069	3.98e-05
140	-0.571	-0.575	34.188	27.478	0.1130	5.21e-05
150	-0.158	-0.164	34.286	27.538	0.1186	3.28e-05
160	0.064	0.058	34.326	27.559	0.1239	2.31e-05
180	0.520	0.513	34.420	27.609	0.1338	1.24e-05
200	0.659	0.651	34.475	27.645	0.1429	2.43e-06



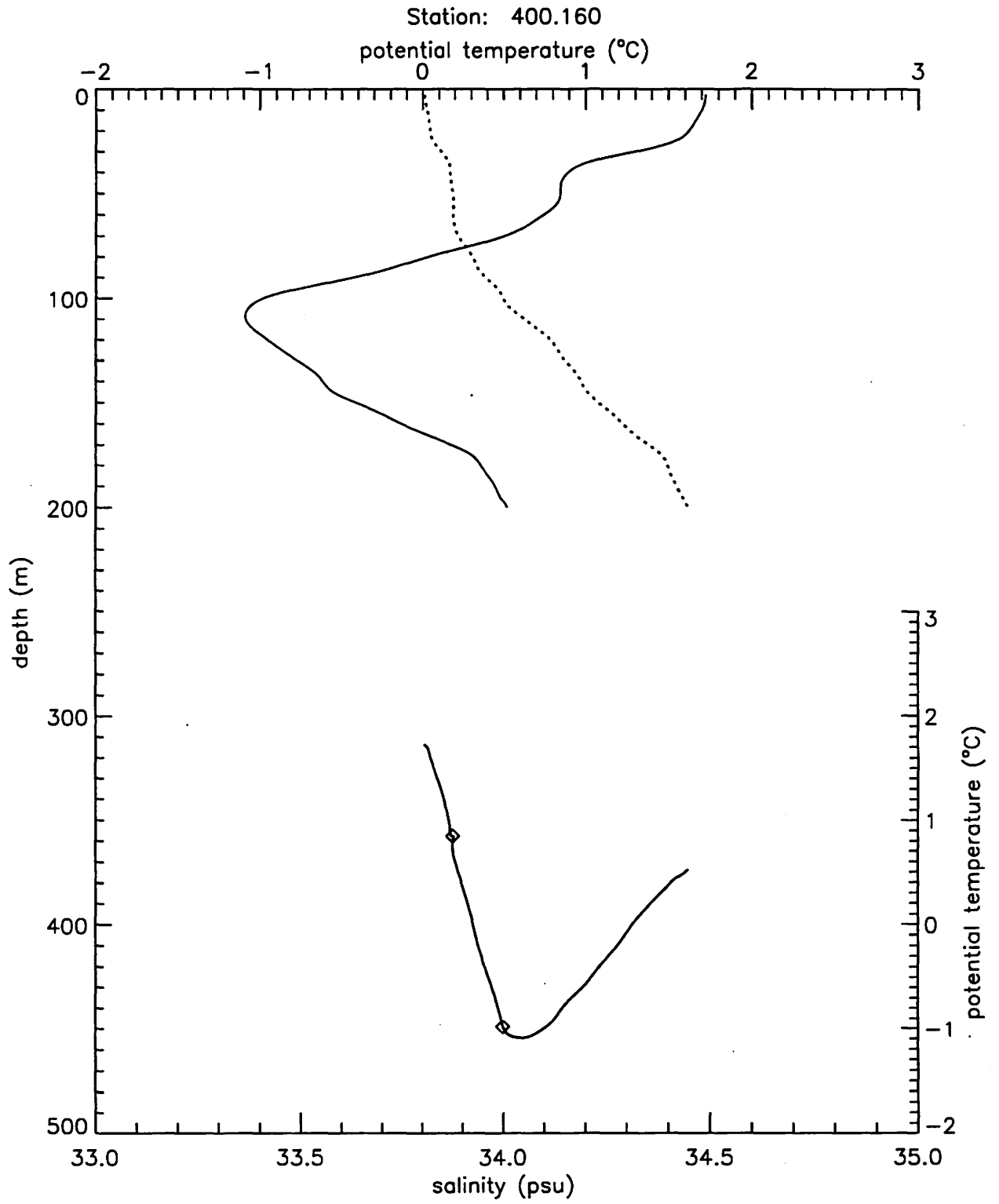
LTER 93a	Station: 400.160 (748)	JulianDay: 29	GMT: 2125
	Latitude: 65° 29.76' S	Longitude: 69° 12.12' W	Depth: 354 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.711	1.711	33.812	27.042	0.0020	3.83e-06
10	1.697	1.697	33.815	27.045	0.0071	1.39e-05
20	1.425	1.424	33.846	27.089	0.0170	6.34e-05
30	0.999	0.997	33.869	27.137	0.0263	2.14e-05
40	0.867	0.865	33.870	27.145	0.0355	3.94e-06
50	0.834	0.832	33.873	27.150	0.0445	7.02e-06
60	0.682	0.680	33.883	27.167	0.0535	3.65e-05
70	0.147	0.145	33.908	27.217	0.0622	3.82e-05
80	-0.210	-0.213	33.933	27.255	0.0705	5.25e-05
90	-0.712	-0.714	33.971	27.308	0.0782	4.35e-05
100	-1.008	-1.010	33.999	27.343	0.0856	2.82e-05
110	-1.101	-1.104	34.040	27.379	0.0926	4.04e-05
120	-0.986	-0.989	34.096	27.421	0.0992	4.07e-05
130	-0.754	-0.757	34.155	27.459	0.1055	2.97e-05
140	-0.448	-0.452	34.217	27.496	0.1114	4.21e-05
150	-0.185	-0.190	34.280	27.534	0.1170	2.16e-05
160	0.015	0.010	34.314	27.552	0.1223	2.18e-05
180	0.444	0.437	34.409	27.605	0.1322	1.32e-05
200	0.516	0.508	34.437	27.623	0.1416	7.89e-06



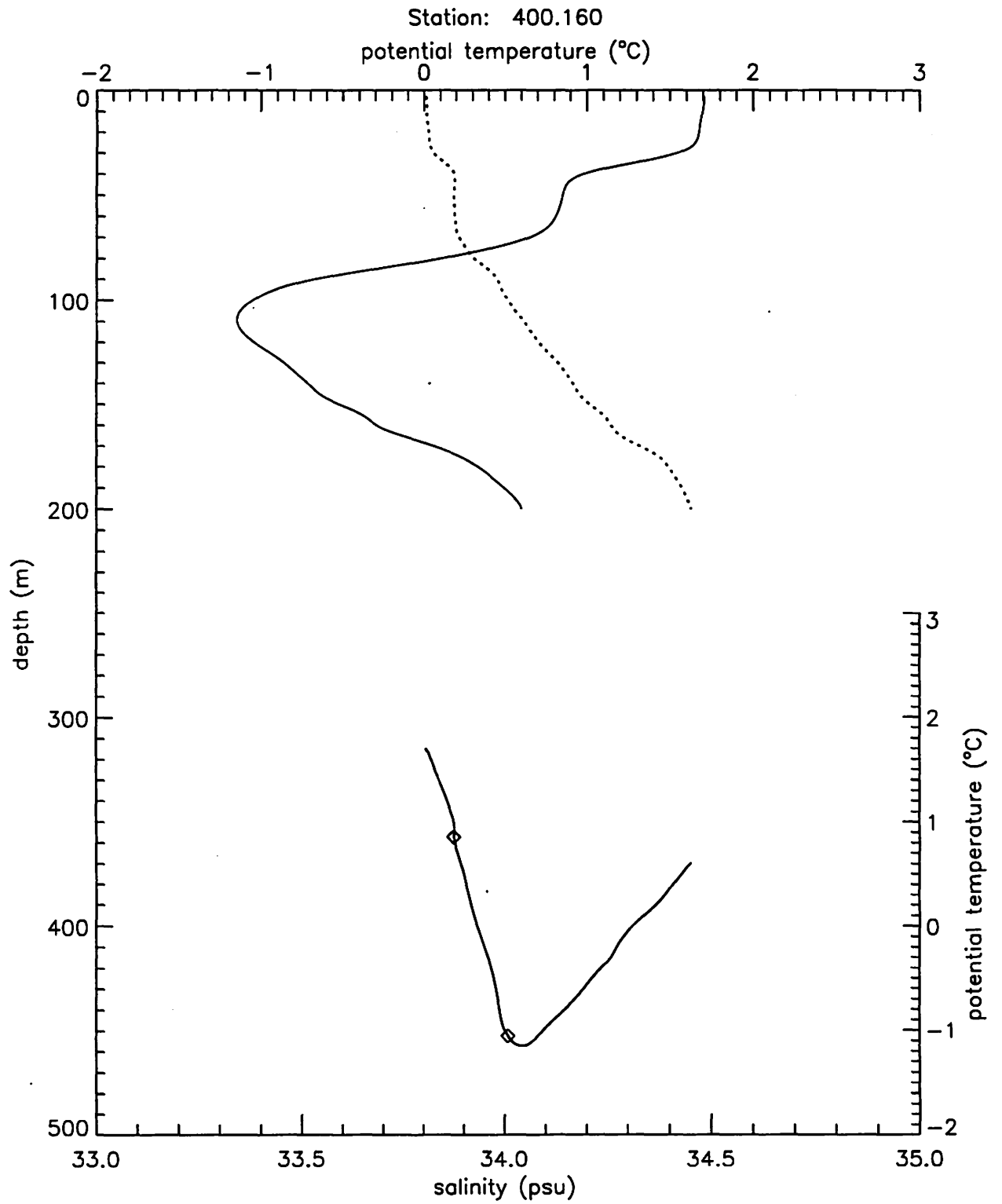
LTER 93a	Station: 400.160 (751)	JulianDay: 30	GMT: 0029
	Latitude: 65° 29.89' S	Longitude: 69° 12.15' W	Depth: 354 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.720	1.720	33.806	27.036	0.0020	3.83e-06
10	1.702	1.701	33.811	27.041	0.0071	1.07e-05
20	1.625	1.624	33.817	27.052	0.0171	1.57e-05
30	1.309	1.308	33.845	27.096	0.0270	6.48e-05
40	0.897	0.895	33.868	27.142	0.0363	1.55e-05
50	0.849	0.847	33.875	27.150	0.0454	6.18e-06
60	0.754	0.751	33.875	27.156	0.0544	1.19e-05
70	0.524	0.522	33.887	27.180	0.0633	4.13e-05
80	0.044	0.041	33.923	27.234	0.0718	4.74e-05
90	-0.421	-0.424	33.956	27.283	0.0798	6.31e-05
100	-0.981	-0.984	33.998	27.341	0.0873	4.04e-05
110	-1.087	-1.090	34.050	27.387	0.0943	4.87e-05
120	-0.955	-0.958	34.113	27.433	0.1008	3.20e-05
130	-0.772	-0.775	34.149	27.455	0.1070	2.31e-05
140	-0.613	-0.617	34.189	27.481	0.1130	1.90e-05
150	-0.412	-0.417	34.231	27.505	0.1188	3.14e-05
160	-0.133	-0.138	34.289	27.539	0.1243	2.72e-05
180	0.367	0.360	34.398	27.601	0.1344	1.25e-05
200	0.530	0.522	34.447	27.631	0.1437	1.34e-05



LTER 93a	Station: 400.160 (757)	JulianDay: 30	GMT: 0329
	Latitude: 65° 29.73' S	Longitude: 69° 12.08' W	Depth: 354 m

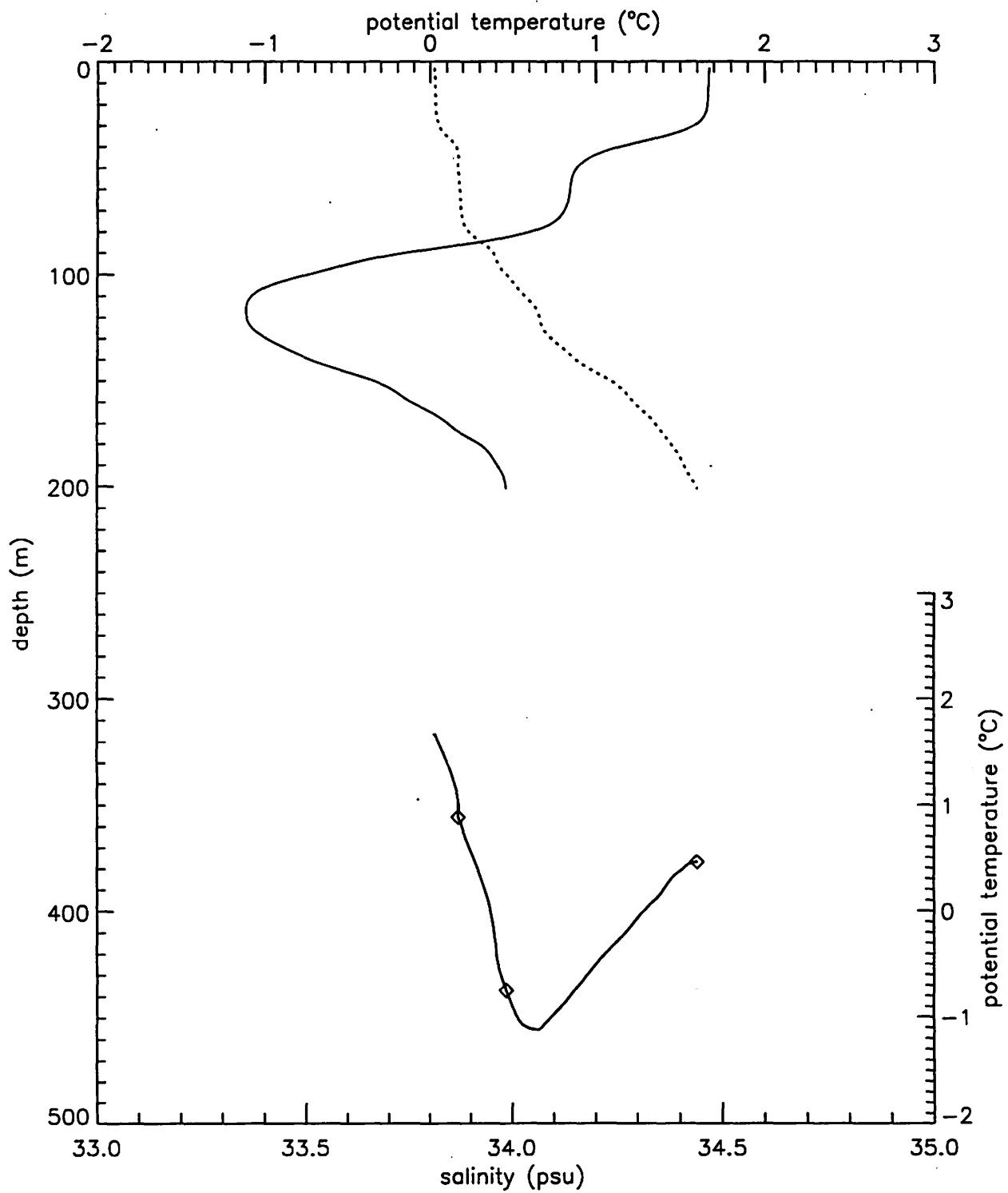
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.705	1.705	33.805	27.037	0.0020	8.07e-07
10	1.697	1.697	33.806	27.038	0.0071	3.81e-06
20	1.678	1.675	33.811	27.043	0.0172	6.11e-06
30	1.550	1.549	33.823	27.062	0.0272	5.74e-05
40	0.977	0.975	33.876	27.143	0.0367	4.18e-05
50	0.857	0.855	33.875	27.150	0.0458	2.97e-06
60	0.816	0.813	33.877	27.154	0.0548	7.51e-06
70	0.662	0.659	33.888	27.173	0.0638	3.82e-05
80	0.113	0.111	33.924	27.232	0.0724	7.92e-05
90	-0.673	-0.676	33.982	27.316	0.0802	5.45e-05
100	-1.046	-1.048	34.008	27.351	0.0875	3.36e-05
110	-1.143	-1.145	34.047	27.386	0.0944	2.93e-05
120	-1.042	-1.045	34.082	27.411	0.1010	2.56e-05
130	-0.857	-0.861	34.129	27.442	0.1074	2.76e-05
140	-0.710	-0.714	34.166	27.466	0.1136	1.93e-05
150	-0.524	-0.529	34.206	27.491	0.1195	3.14e-05
160	-0.290	-0.295	34.259	27.522	0.1251	2.12e-05
180	0.342	0.335	34.397	27.601	0.1354	1.98e-05
200	0.613	0.605	34.452	27.629	0.1447	1.21e-05



LTER 93a Station: 400.160 (760) JulianDay: 30 GMT: 0632
Latitude: 65° 29.75' S Longitude: 69° 12.15' W Depth: 298 m

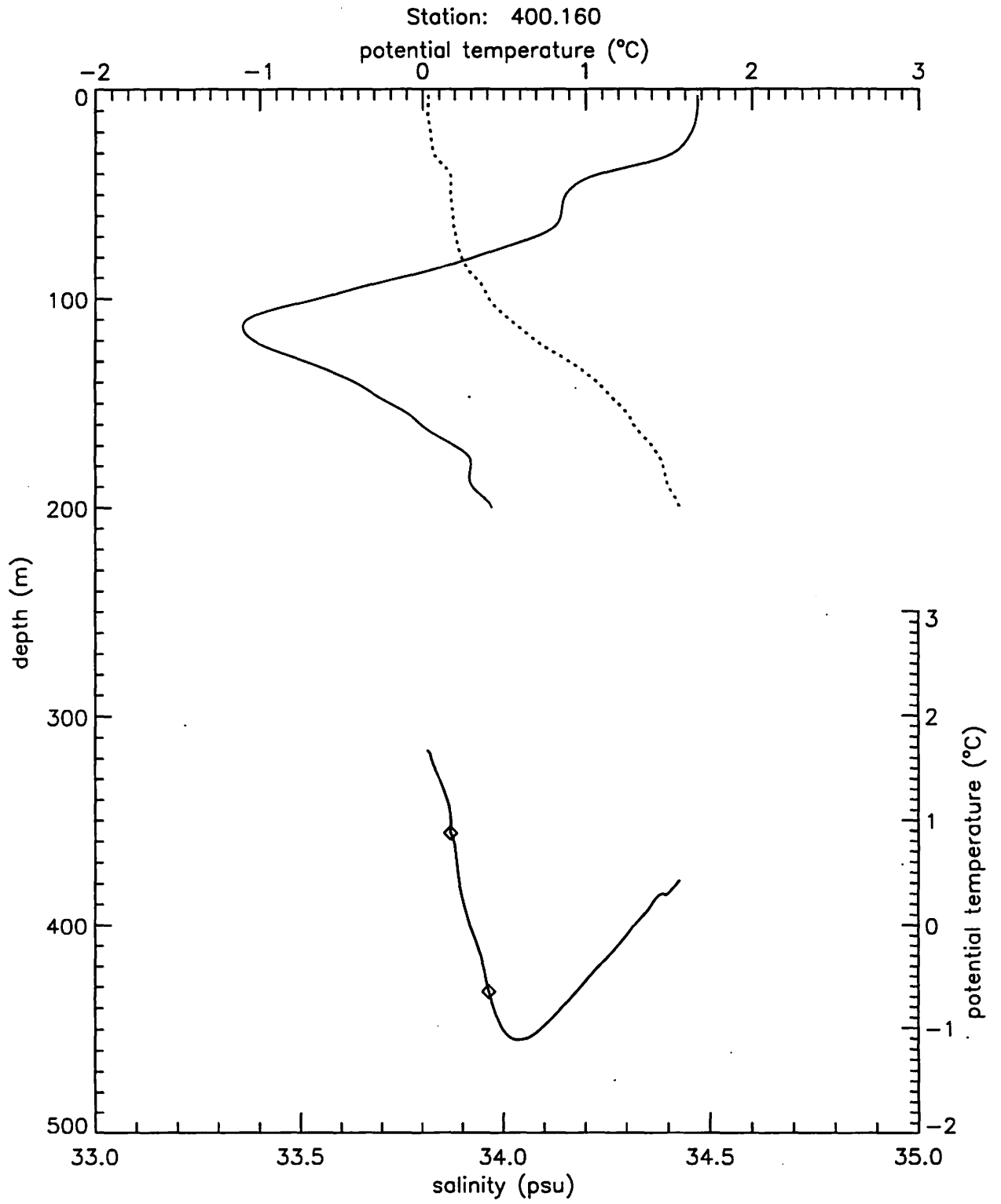
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.670	1.670	33.810	27.043	0.0020	2.82e-06
10	1.668	1.668	33.812	27.044	0.0070	1.75e-06
20	1.663	1.662	33.813	27.046	0.0171	3.87e-06
30	1.579	1.578	33.822	27.059	0.0271	3.78e-05
40	1.142	1.140	33.865	27.124	0.0368	4.99e-05
50	0.889	0.887	33.869	27.143	0.0459	7.99e-06
60	0.850	0.848	33.873	27.149	0.0550	3.57e-06
70	0.817	0.814	33.877	27.154	0.0641	9.45e-06
80	0.613	0.610	33.895	27.181	0.0730	6.18e-05
90	-0.149	-0.152	33.955	27.270	0.0814	7.01e-05
100	-0.738	-0.741	33.986	27.321	0.0890	5.27e-05
110	-1.073	-1.076	34.030	27.370	0.0962	4.22e-05
120	-1.103	-1.106	34.066	27.400	0.1029	1.33e-05
130	-0.981	-0.984	34.096	27.420	0.1095	3.13e-05
140	-0.717	-0.721	34.154	27.457	0.1157	3.84e-05
150	-0.336	-0.341	34.237	27.507	0.1216	4.32e-05
160	-0.109	-0.115	34.290	27.539	0.1271	2.61e-05
180	0.311	0.304	34.380	27.589	0.1373	1.93e-05
200	0.471	0.463	34.440	27.628	0.1467	1.12e-05

Station: 400.160



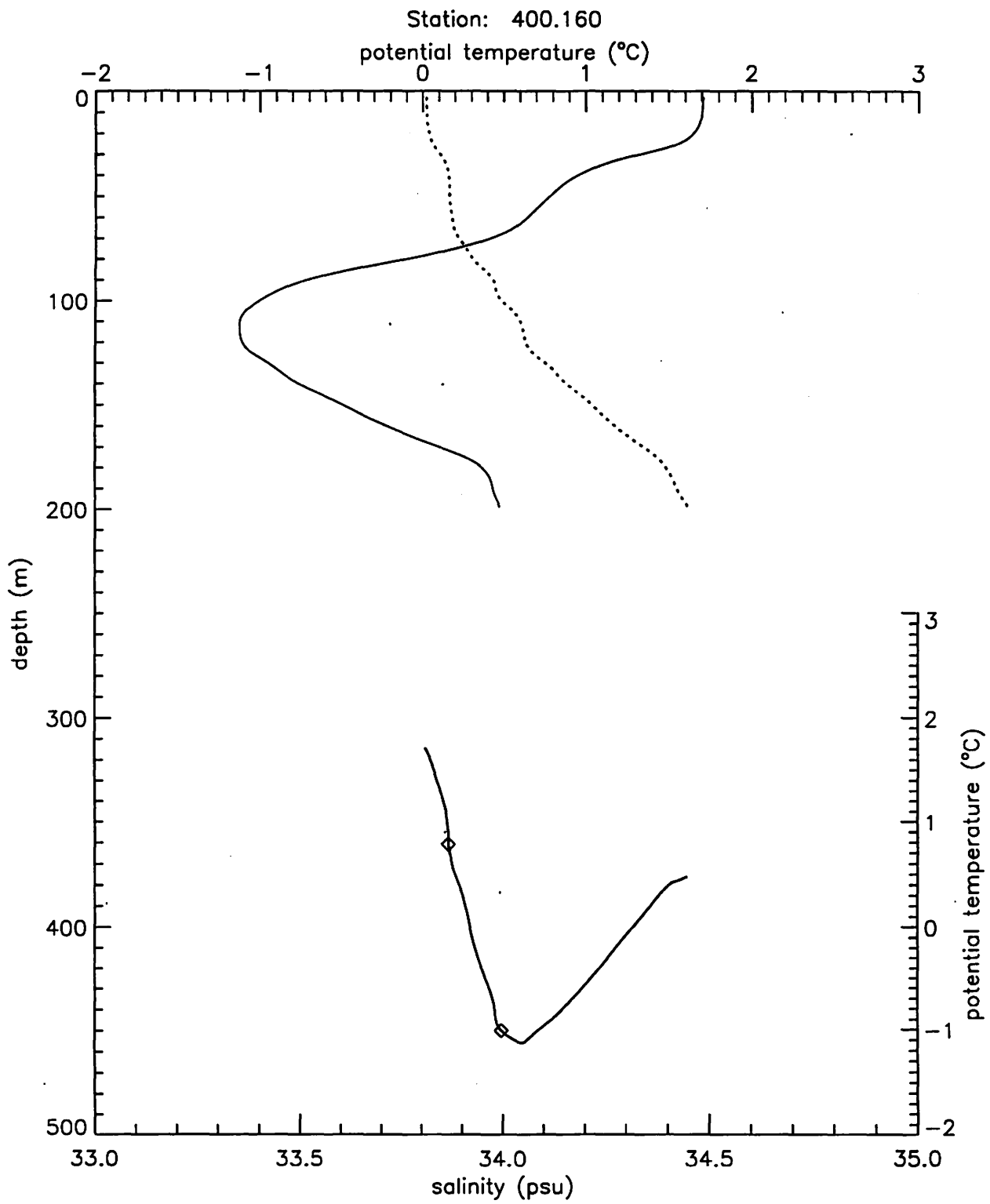
LTER 93a Station: 400.160 (763) JulianDay: 30 GMT: 0929
Latitude: 65° 29.82' S Longitude: 69° 12.10' W Depth: 363 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.674	1.674	33.814	27.046	0.0020	-2.82e-06
10	1.673	1.673	33.813	27.045	0.0070	1.51e-06
20	1.642	1.641	33.819	27.052	0.0171	9.08e-06
30	1.533	1.531	33.827	27.067	0.0270	3.67e-05
40	1.095	1.093	33.869	27.130	0.0366	4.47e-05
50	0.884	0.881	33.870	27.144	0.0457	7.45e-06
60	0.853	0.850	33.875	27.150	0.0548	5.93e-06
70	0.702	0.699	33.883	27.166	0.0638	2.63e-05
80	0.323	0.320	33.896	27.198	0.0726	3.82e-05
90	-0.137	-0.140	33.931	27.250	0.0810	5.83e-05
100	-0.641	-0.644	33.964	27.300	0.0888	4.96e-05
110	-1.071	-1.074	34.015	27.357	0.0961	5.34e-05
120	-1.035	-1.038	34.079	27.408	0.1029	4.81e-05
130	-0.718	-0.721	34.161	27.462	0.1092	4.61e-05
140	-0.414	-0.419	34.228	27.504	0.1151	3.24e-05
150	-0.199	-0.204	34.278	27.534	0.1206	2.59e-05
160	-0.005	-0.011	34.316	27.555	0.1259	1.86e-05
180	0.308	0.301	34.388	27.596	0.1359	1.21e-05
200	0.437	0.428	34.426	27.619	0.1453	4.25e-06



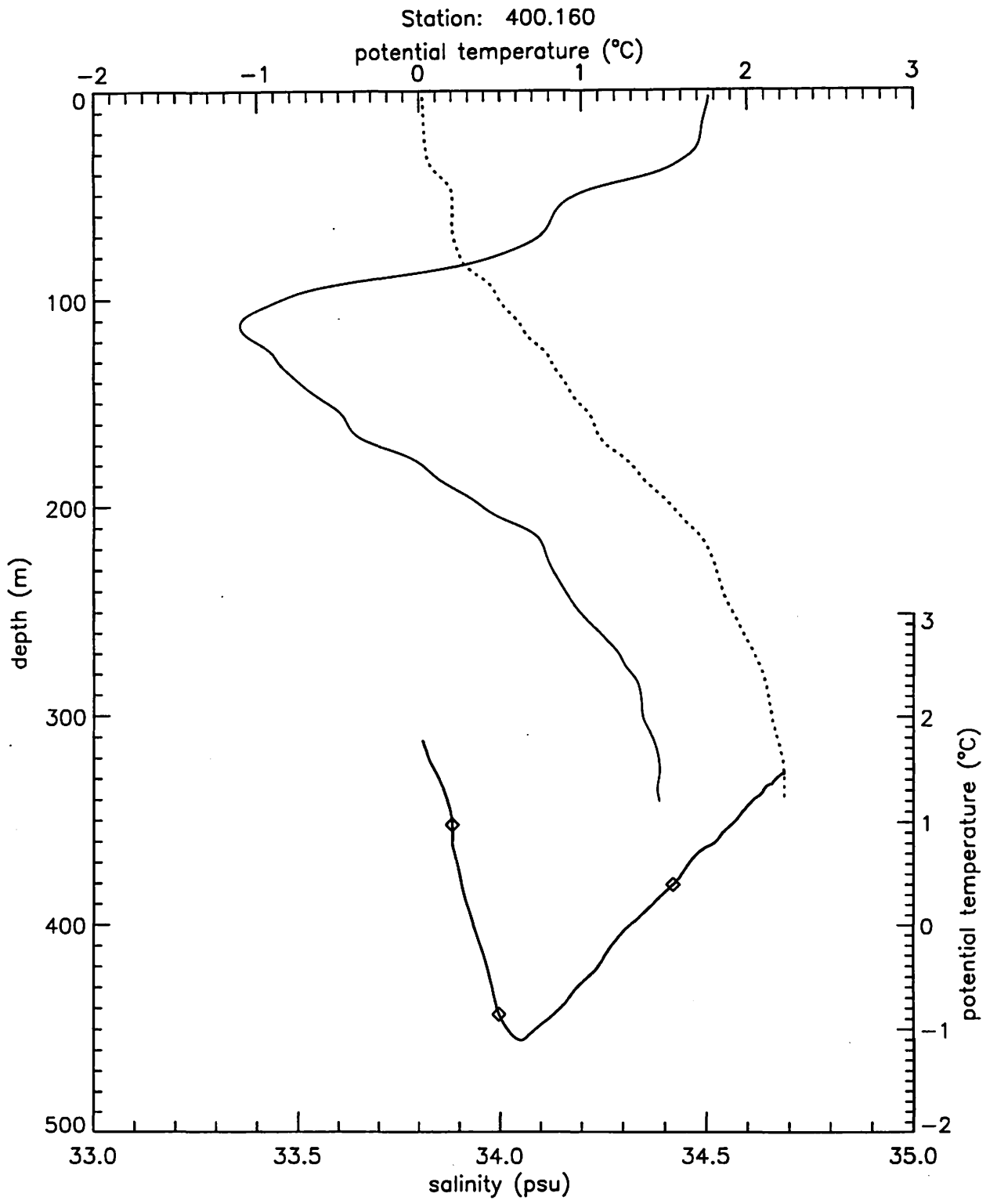
LTER 93a Station: 400.160 (767) JulianDay: 30 GMT: 1226
Latitude: 65° 29.68' S Longitude: 69° 12.03' W Depth: 318 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.706	1.706	33.809	27.040	0.0020	4.03e-07
10	1.701	1.701	33.810	27.041	0.0071	2.84e-06
20	1.654	1.653	33.816	27.049	0.0171	1.98e-05
30	1.342	1.341	33.843	27.092	0.0270	5.70e-05
40	0.959	0.958	33.864	27.135	0.0364	2.12e-05
50	0.787	0.785	33.866	27.147	0.0455	1.07e-05
60	0.651	0.648	33.873	27.161	0.0545	1.45e-05
70	0.427	0.424	33.890	27.188	0.0634	4.43e-05
80	-0.102	-0.105	33.925	27.244	0.0718	6.58e-05
90	-0.711	-0.713	33.975	27.312	0.0796	4.24e-05
100	-1.000	-1.003	33.996	27.339	0.0870	3.96e-05
110	-1.117	-1.120	34.042	27.381	0.0940	2.15e-05
120	-1.105	-1.108	34.055	27.391	0.1007	1.45e-05
130	-0.948	-0.951	34.102	27.424	0.1073	3.77e-05
140	-0.760	-0.764	34.153	27.458	0.1136	3.47e-05
150	-0.486	-0.490	34.217	27.498	0.1195	3.07e-05
160	-0.220	-0.225	34.270	27.528	0.1250	3.20e-05
180	0.375	0.368	34.394	27.597	0.1353	1.97e-05



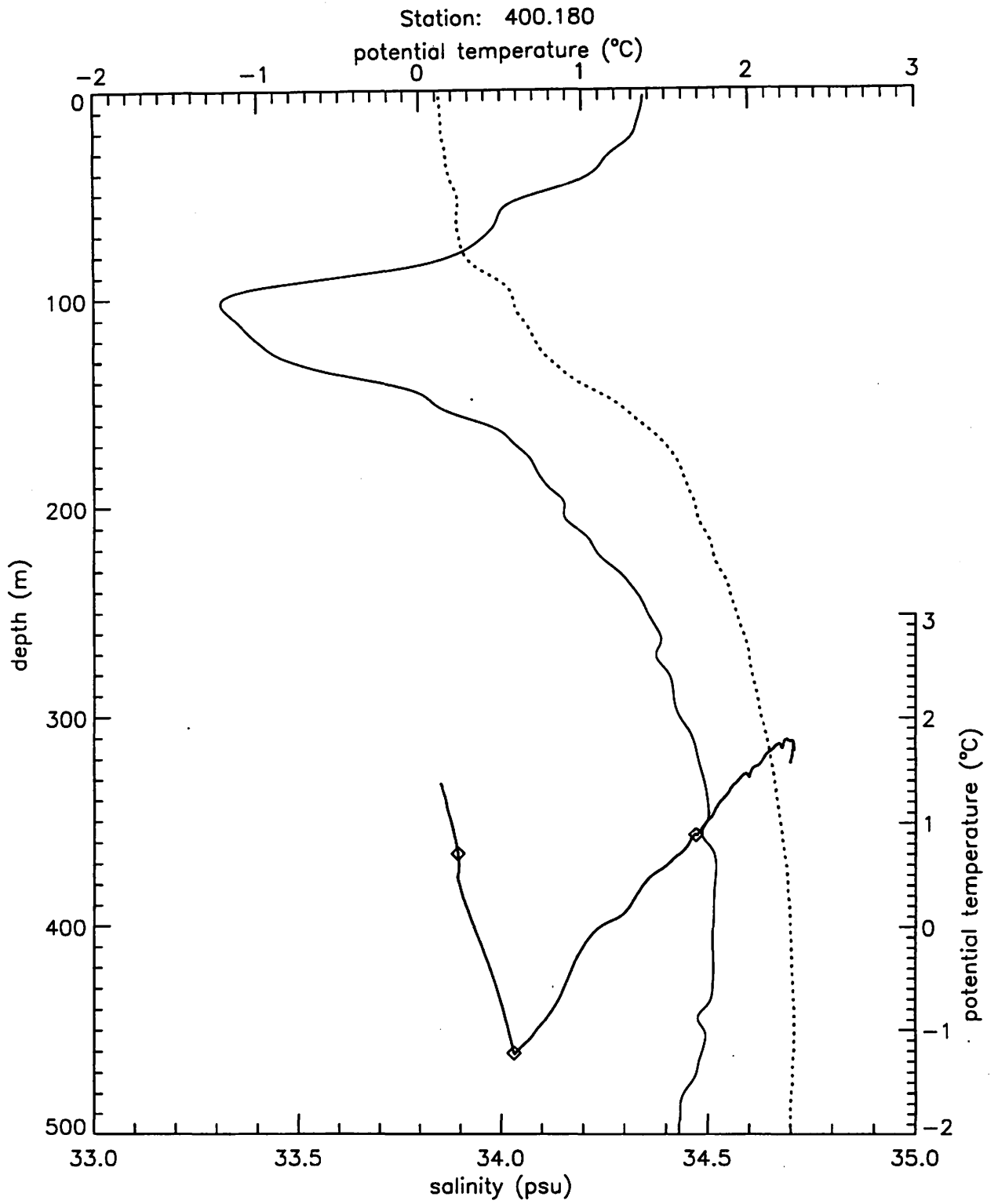
LTER 93a Station: 400.160 (770) JulianDay: 30 GMT: 1528
 Latitude: 65° 29.78' S Longitude: 69° 12.16' W Depth: 357 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.766	1.766	33.808	27.035	0.0020	4.24e-06
10	1.749	1.749	33.810	27.037	0.0071	4.72e-06
20	1.722	1.722	33.812	27.041	0.0172	3.99e-06
30	1.664	1.663	33.818	27.050	0.0273	1.89e-05
40	1.421	1.420	33.847	27.090	0.0371	6.29e-05
50	0.969	0.967	33.881	27.148	0.0465	2.62e-05
60	0.829	0.827	33.882	27.157	0.0555	3.88e-06
70	0.742	0.739	33.884	27.164	0.0644	1.90e-05
80	0.450	0.447	33.902	27.196	0.0732	4.69e-05
90	-0.262	-0.265	33.957	27.277	0.0815	8.87e-05
100	-0.852	-0.855	33.997	27.335	0.0890	4.15e-05
110	-1.094	-1.097	34.043	27.381	0.0961	3.55e-05
120	-1.012	-1.015	34.082	27.410	0.1028	3.44e-05
130	-0.869	-0.873	34.126	27.440	0.1091	1.89e-05
140	-0.740	-0.744	34.160	27.462	0.1153	1.84e-05
150	-0.565	-0.569	34.195	27.483	0.1212	2.59e-05
160	-0.441	-0.446	34.230	27.506	0.1270	1.19e-05
180	0.032	0.025	34.322	27.558	0.1379	2.73e-05
200	0.405	0.397	34.420	27.616	0.1477	2.35e-05
220	0.781	0.772	34.507	27.663	0.1566	1.59e-05
240	0.913	0.902	34.541	27.683	0.1649	9.05e-06
260	1.127	1.115	34.591	27.709	0.1727	1.07e-05
280	1.320	1.306	34.638	27.734	0.1802	6.07e-06
300	1.382	1.367	34.658	27.745	0.1873	5.10e-06
320	1.480	1.464	34.684	27.759	0.1942	4.62e-06
340	1.485	1.467	34.688	27.762	0.2010	-1.22e-06



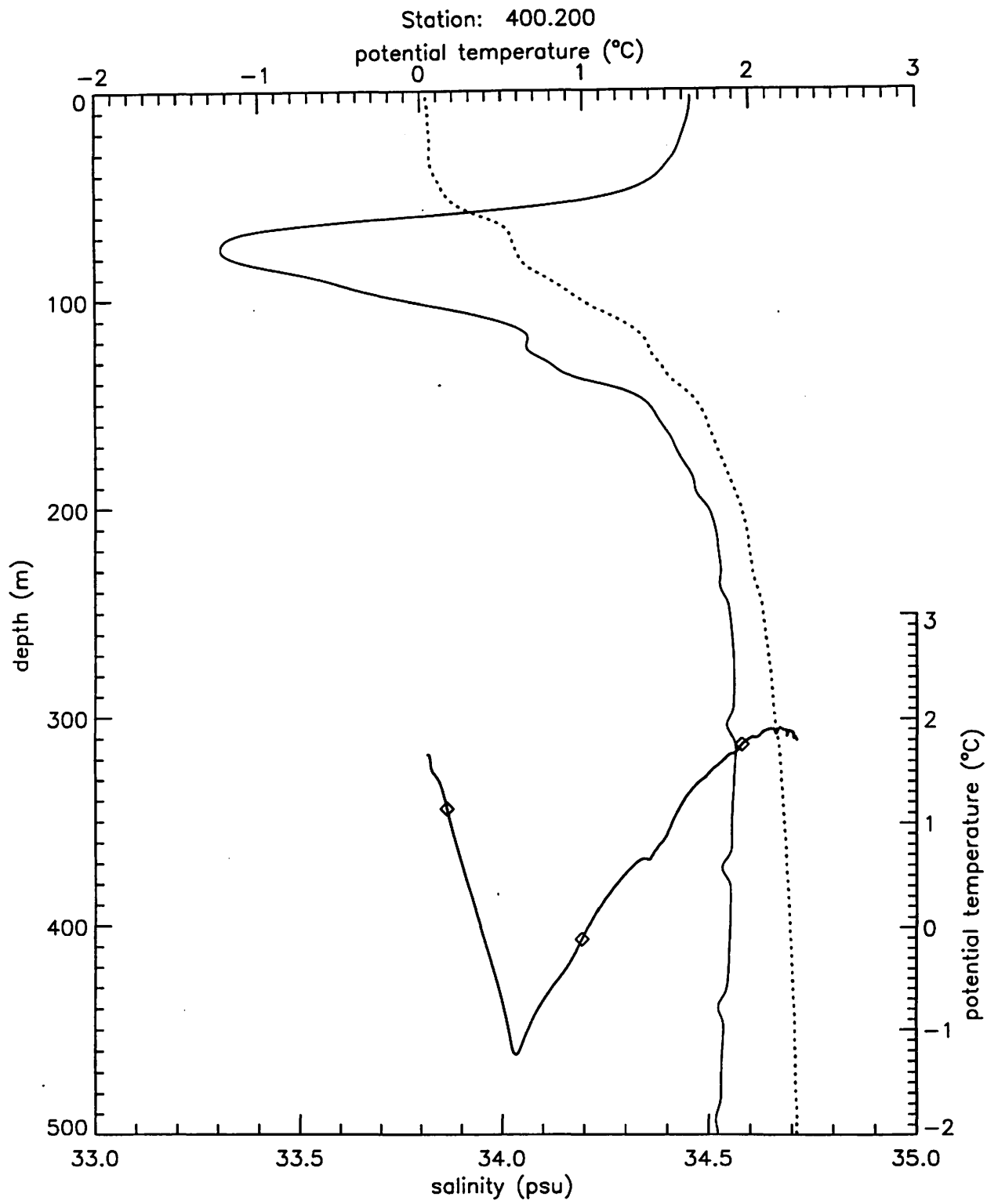
LTER 93a **Station:** 400.180 (772) **JulianDay:** 30 **GMT:** 1718
Latitude: 65° 22.04' S **Longitude:** 69° 30.11' W **Depth:** 2931 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.370	1.370	33.851	27.097	0.0019	3.43e-06
10	1.357	1.357	33.853	27.099	0.0067	4.48e-06
20	1.318	1.317	33.854	27.103	0.0162	9.02e-06
30	1.174	1.173	33.865	27.121	0.0256	1.55e-05
40	1.054	1.053	33.873	27.136	0.0349	2.48e-05
50	0.702	0.700	33.893	27.174	0.0439	3.20e-05
60	0.491	0.488	33.892	27.186	0.0527	2.97e-06
70	0.404	0.401	33.897	27.194	0.0614	1.58e-05
80	0.179	0.176	33.915	27.221	0.0699	5.19e-05
90	-0.569	-0.572	33.987	27.315	0.0779	1.01e-04
100	-1.211	-1.214	34.031	27.375	0.0850	2.06e-05
110	-1.131	-1.134	34.055	27.392	0.0918	2.24e-05
120	-1.000	-1.003	34.085	27.412	0.0984	1.75e-05
130	-0.778	-0.781	34.128	27.438	0.1048	2.69e-05
140	-0.215	-0.220	34.196	27.468	0.1110	4.03e-05
150	0.099	0.094	34.287	27.526	0.1167	4.37e-05
160	0.430	0.424	34.349	27.557	0.1221	3.00e-05
180	0.713	0.706	34.435	27.610	0.1319	1.24e-05
200	0.894	0.885	34.472	27.628	0.1412	8.62e-06
220	1.087	1.077	34.513	27.649	0.1501	3.88e-06
240	1.339	1.327	34.555	27.666	0.1587	5.16e-06
260	1.478	1.465	34.588	27.682	0.1671	1.07e-05
280	1.538	1.524	34.608	27.694	0.1752	4.74e-06
300	1.602	1.586	34.630	27.707	0.1831	4.37e-06
320	1.710	1.694	34.653	27.717	0.1908	4.50e-06
340	1.768	1.750	34.669	27.726	0.1984	4.38e-06
360	1.770	1.751	34.683	27.737	0.2058	-1.64e-06
380	1.812	1.792	34.693	27.742	0.2130	3.16e-06
400	1.804	1.782	34.699	27.748	0.2202	2.19e-06
420	1.807	1.784	34.704	27.751	0.2274	1.76e-06
440	1.742	1.719	34.708	27.759	0.2344	7.18e-06
460	1.740	1.715	34.707	27.759	0.2414	7.91e-07
480	1.629	1.604	34.701	27.762	0.2483	1.46e-06
500	1.607	1.580	34.701	27.764	0.2553	8.52e-06



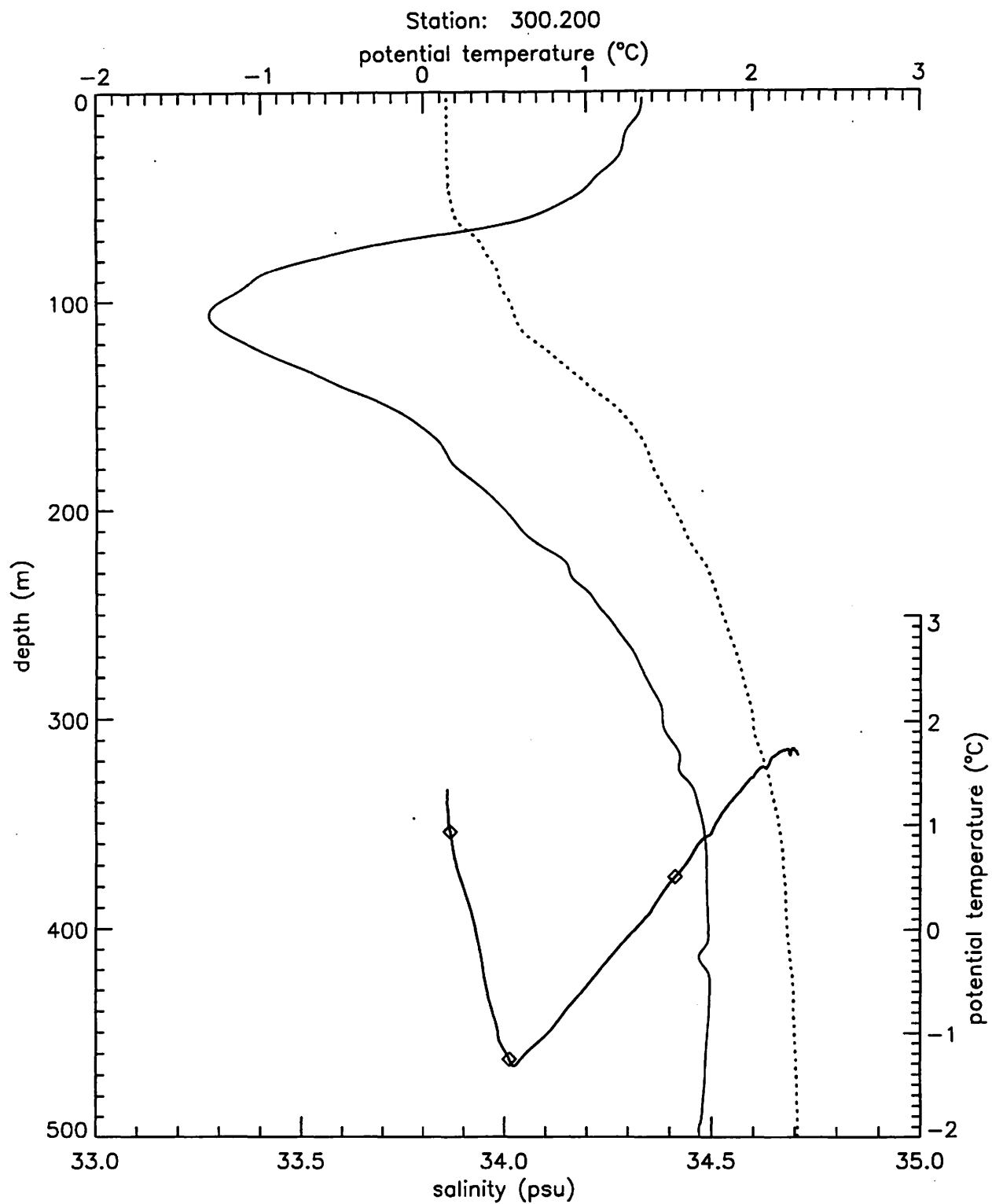
LTER 93a Station: 400.200 (780) JulianDay: 30 GMT: 2302
 Latitude: 65° 14.44' S Longitude: 69° 47.84' W Depth: 3134 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.650	1.649	33.816	27.049	0.0020	5.45e-06
10	1.643	1.643	33.819	27.052	0.0070	4.72e-06
20	1.607	1.606	33.821	27.057	0.0170	4.72e-06
30	1.556	1.555	33.822	27.061	0.0269	7.44e-06
40	1.453	1.451	33.834	27.078	0.0368	2.87e-05
50	1.136	1.134	33.863	27.123	0.0463	7.59e-05
60	-0.065	-0.067	33.951	27.263	0.0551	1.65e-04
70	-1.175	-1.177	34.024	27.369	0.0624	3.45e-05
80	-1.166	-1.168	34.044	27.385	0.0692	1.81e-05
90	-0.618	-0.620	34.116	27.421	0.0759	4.41e-05
100	-0.117	-0.120	34.195	27.462	0.0822	3.45e-05
110	0.479	0.474	34.291	27.508	0.0880	4.43e-05
120	0.660	0.655	34.352	27.546	0.0935	2.20e-05
130	0.798	0.793	34.382	27.562	0.0988	1.61e-05
140	1.114	1.108	34.425	27.576	0.1039	1.50e-05
150	1.399	1.392	34.477	27.598	0.1088	1.74e-05
160	1.483	1.475	34.500	27.611	0.1136	8.55e-06
180	1.633	1.623	34.541	27.633	0.1229	1.06e-05
200	1.763	1.753	34.580	27.654	0.1318	5.89e-06
220	1.823	1.811	34.600	27.666	0.1405	4.13e-06
240	1.847	1.834	34.621	27.681	0.1489	7.65e-06
260	1.905	1.891	34.638	27.690	0.1571	3.70e-06
280	1.918	1.903	34.650	27.699	0.1651	3.22e-06
300	1.886	1.870	34.659	27.709	0.1731	8.32e-06
320	1.927	1.909	34.672	27.716	0.1808	3.65e-06
340	1.914	1.895	34.679	27.723	0.1884	2.98e-06
360	1.911	1.891	34.686	27.729	0.1960	3.59e-06
380	1.901	1.880	34.691	27.733	0.2034	-3.65e-07
400	1.901	1.879	34.695	27.737	0.2108	2.49e-06
420	1.893	1.870	34.701	27.742	0.2181	2.19e-06
440	1.831	1.807	34.705	27.751	0.2254	1.10e-06
460	1.855	1.830	34.707	27.751	0.2325	2.19e-06
480	1.849	1.823	34.709	27.753	0.2397	2.31e-06
500	1.833	1.806	34.712	27.756	0.2468	-6.09e-07



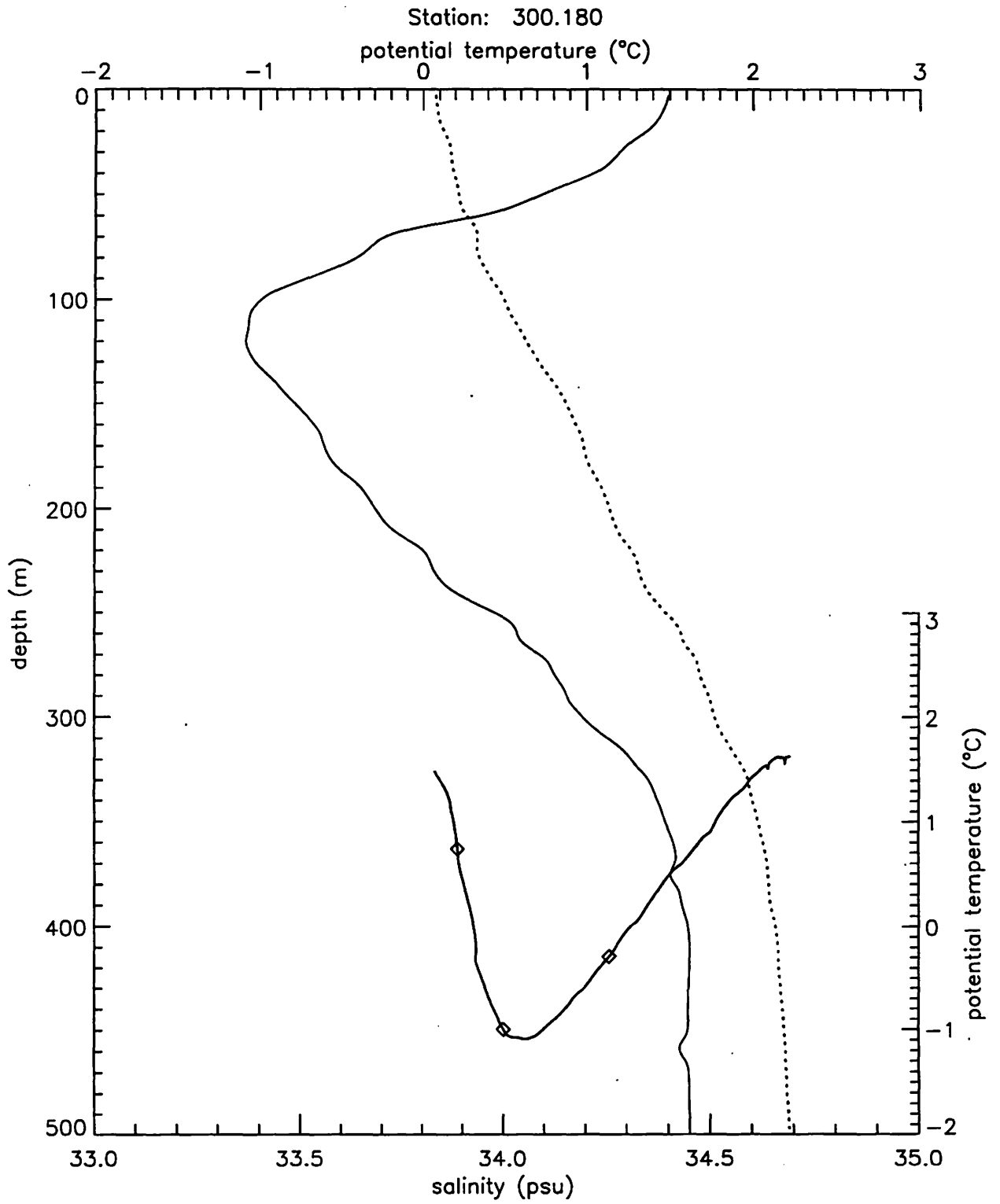
LTER 93a	Station: 300.200 (795)	JulianDay: 31	GMT: 0856
	Latitude: 65° 51.02' S	Longitude: 71° 22.91' W	Depth: 3026 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.336	1.336	33.858	27.105	0.0019	6.05e-07
10	1.323	1.323	33.858	27.106	0.0066	3.81e-06
20	1.237	1.236	33.858	27.112	0.0161	3.75e-06
30	1.203	1.202	33.858	27.114	0.0255	6.42e-06
40	1.070	1.068	33.861	27.125	0.0349	1.05e-05
50	0.925	0.923	33.866	27.139	0.0441	1.99e-05
60	0.643	0.640	33.879	27.166	0.0532	5.08e-05
70	-0.093	-0.095	33.934	27.251	0.0617	7.57e-05
80	-0.717	-0.720	33.965	27.304	0.0695	4.56e-05
90	-1.055	-1.057	33.986	27.333	0.0769	1.82e-05
100	-1.248	-1.250	34.012	27.361	0.0840	2.66e-05
110	-1.296	-1.299	34.030	27.378	0.0910	1.75e-05
120	-1.091	-1.094	34.081	27.412	0.0977	4.27e-05
130	-0.813	-0.817	34.144	27.453	0.1040	3.41e-05
140	-0.528	-0.533	34.203	27.489	0.1100	3.31e-05
150	-0.220	-0.225	34.267	27.526	0.1156	3.04e-05
160	-0.008	-0.013	34.313	27.552	0.1210	2.09e-05
180	0.220	0.214	34.360	27.578	0.1311	8.92e-06
200	0.513	0.505	34.413	27.605	0.1409	1.28e-05
220	0.801	0.792	34.465	27.629	0.1502	1.46e-05
240	1.032	1.021	34.512	27.652	0.1591	3.70e-06
260	1.225	1.212	34.544	27.665	0.1677	7.17e-06
280	1.372	1.359	34.575	27.679	0.1761	5.04e-06
300	1.468	1.453	34.599	27.691	0.1842	3.22e-06
320	1.572	1.556	34.626	27.706	0.1922	1.18e-05
340	1.685	1.667	34.651	27.717	0.1999	7.17e-06
360	1.734	1.715	34.669	27.728	0.2075	3.89e-06
380	1.742	1.722	34.677	27.734	0.2149	1.52e-06
400	1.752	1.731	34.681	27.737	0.2223	3.71e-06
420	1.747	1.725	34.692	27.746	0.2295	-1.03e-06
440	1.760	1.737	34.697	27.749	0.2367	7.30e-07
460	1.740	1.715	34.700	27.754	0.2438	2.98e-06
480	1.727	1.701	34.704	27.758	0.2508	1.10e-06
500	1.705	1.678	34.706	27.761	0.2578	-1.83e-06



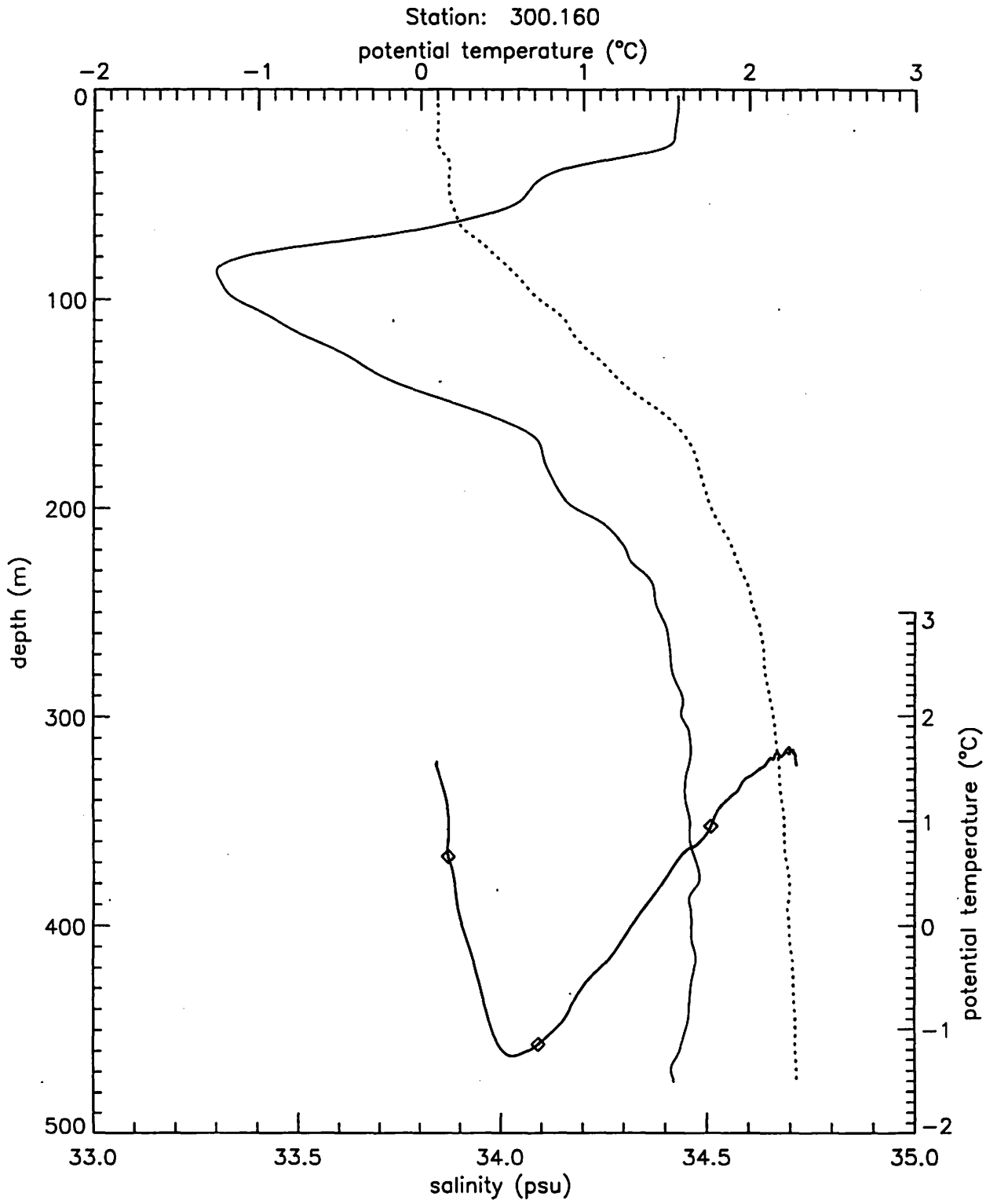
LTER 93a Station: 300.180 (806) JulianDay: 31 GMT: 1424
Latitude: 65° 58.82' S Longitude: 71° 5.00' W Depth: 2956 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.486	1.485	33.831	27.073	0.0020	3.83e-06
10	1.462	1.461	33.835	27.078	0.0068	1.09e-05
20	1.365	1.364	33.850	27.097	0.0165	2.83e-05
30	1.204	1.203	33.869	27.123	0.0259	1.45e-05
40	1.046	1.044	33.876	27.139	0.0352	2.59e-05
50	0.739	0.737	33.888	27.168	0.0442	2.53e-05
60	0.374	0.372	33.905	27.203	0.0530	5.66e-05
70	-0.229	-0.231	33.934	27.257	0.0612	2.16e-05
80	-0.404	-0.407	33.939	27.269	0.0692	2.48e-05
90	-0.712	-0.714	33.968	27.306	0.0769	4.13e-05
100	-0.987	-0.990	34.001	27.343	0.0843	2.61e-05
110	-1.063	-1.066	34.027	27.367	0.0913	2.44e-05
120	-1.081	-1.084	34.056	27.391	0.0982	2.31e-05
130	-1.027	-1.031	34.087	27.415	0.1048	2.12e-05
140	-0.899	-0.903	34.123	27.439	0.1112	2.23e-05
150	-0.783	-0.788	34.153	27.459	0.1173	1.49e-05
160	-0.665	-0.670	34.176	27.473	0.1234	1.35e-05
180	-0.522	-0.528	34.211	27.494	0.1350	1.24e-05
200	-0.283	-0.290	34.258	27.522	0.1462	8.80e-06
220	0.012	0.003	34.311	27.550	0.1570	1.68e-05
240	0.211	0.202	34.351	27.572	0.1673	1.39e-05
260	0.596	0.585	34.430	27.613	0.1771	1.26e-05
280	0.829	0.816	34.477	27.637	0.1863	6.56e-06
300	1.000	0.986	34.511	27.653	0.1951	2.79e-06
320	1.294	1.279	34.567	27.678	0.2036	1.54e-05
340	1.456	1.439	34.602	27.695	0.2117	6.87e-06
360	1.549	1.531	34.628	27.709	0.2196	6.38e-06
380	1.559	1.539	34.640	27.719	0.2273	-2.01e-06
400	1.639	1.618	34.657	27.726	0.2349	5.72e-06
420	1.649	1.627	34.665	27.732	0.2424	2.74e-06
440	1.640	1.617	34.673	27.739	0.2498	3.22e-06
460	1.593	1.569	34.680	27.748	0.2570	7.30e-07
480	1.651	1.625	34.684	27.748	0.2642	2.25e-06
500	1.654	1.627	34.690	27.752	0.2713	0.00e+00



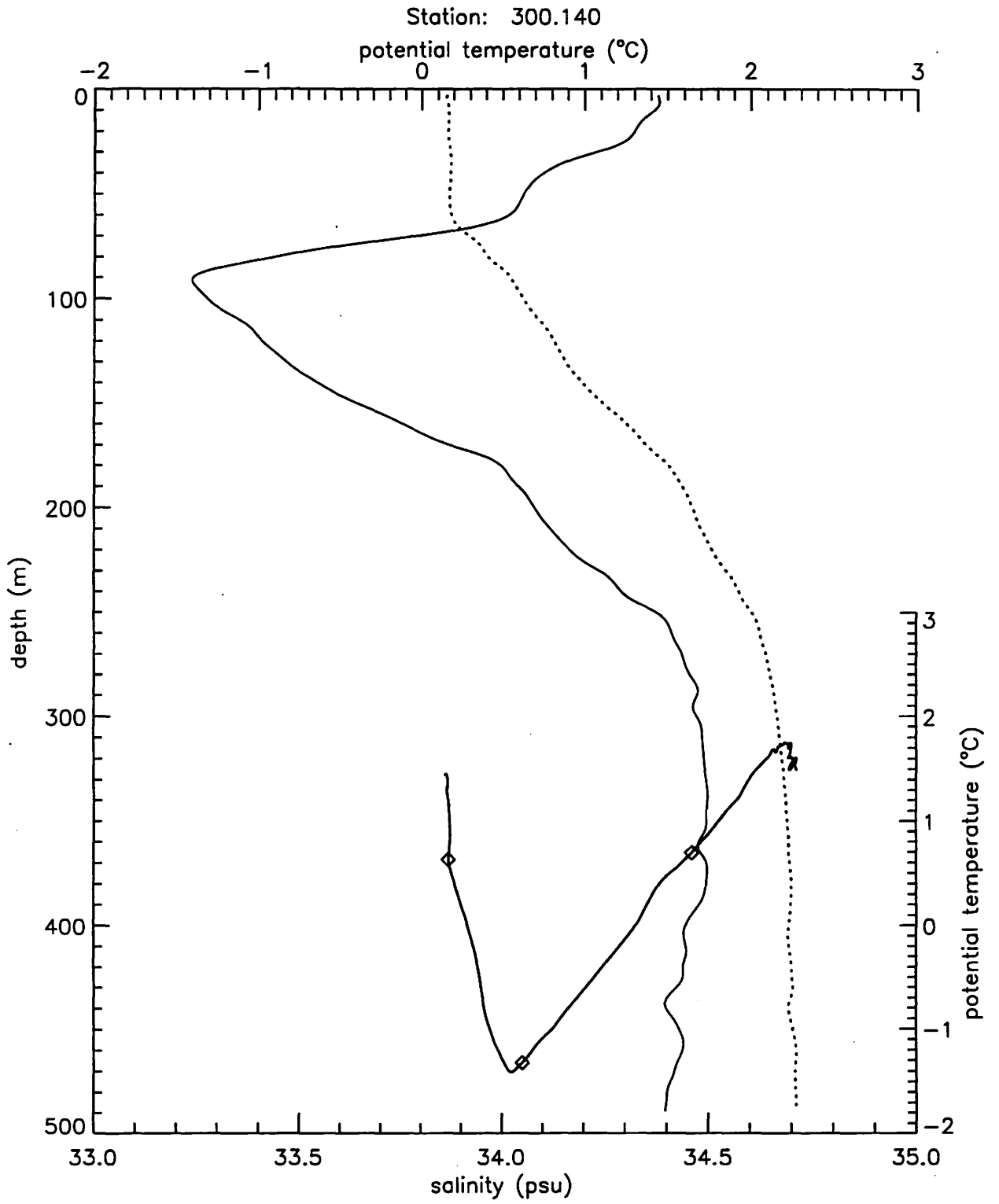
LTER 93a	Station: 300.160 (808)	JulianDay: 31	GMT: 1628
	Latitude: 66° 6.82' S	Longitude: 70° 47.00' W	Depth: 488 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.569	1.569	33.841	27.075	0.0020	-2.82e-06
10	1.569	1.568	33.841	27.075	0.0068	1.27e-06
20	1.553	1.552	33.841	27.077	0.0166	-7.87e-07
30	1.395	1.394	33.852	27.096	0.0263	5.70e-05
40	0.811	0.809	33.870	27.149	0.0356	1.98e-05
50	0.657	0.655	33.871	27.159	0.0446	1.33e-05
60	0.401	0.399	33.887	27.187	0.0535	4.08e-05
70	-0.247	-0.250	33.926	27.251	0.0619	8.84e-05
80	-1.087	-1.089	33.987	27.335	0.0696	6.43e-05
90	-1.241	-1.243	34.043	27.386	0.0765	3.62e-05
100	-1.137	-1.140	34.092	27.422	0.0832	4.25e-05
110	-0.888	-0.891	34.157	27.466	0.0894	2.33e-05
120	-0.635	-0.639	34.191	27.483	0.0953	2.47e-05
130	-0.385	-0.389	34.247	27.518	0.1010	2.97e-05
140	-0.152	-0.157	34.294	27.544	0.1064	2.49e-05
150	0.224	0.219	34.359	27.577	0.1116	3.27e-05
160	0.567	0.561	34.420	27.607	0.1165	2.12e-05
180	0.783	0.775	34.478	27.640	0.1256	8.19e-06
200	0.959	0.950	34.510	27.655	0.1343	4.13e-06
220	1.270	1.259	34.562	27.676	0.1428	1.04e-05
240	1.444	1.432	34.602	27.696	0.1509	8.20e-06
260	1.526	1.513	34.629	27.712	0.1588	5.77e-06
280	1.561	1.546	34.640	27.718	0.1664	2.55e-06
300	1.611	1.595	34.659	27.730	0.1738	3.34e-06
320	1.665	1.648	34.671	27.735	0.1812	6.14e-06
340	1.638	1.620	34.679	27.743	0.1884	3.77e-06
360	1.668	1.649	34.686	27.748	0.1955	-6.08e-08
380	1.718	1.698	34.699	27.754	0.2026	6.63e-06
400	1.680	1.659	34.698	27.756	0.2096	3.04e-06
420	1.700	1.678	34.707	27.762	0.2165	4.08e-06
440	1.667	1.644	34.710	27.767	0.2234	3.83e-06
460	1.610	1.586	34.712	27.773	0.2301	5.72e-06



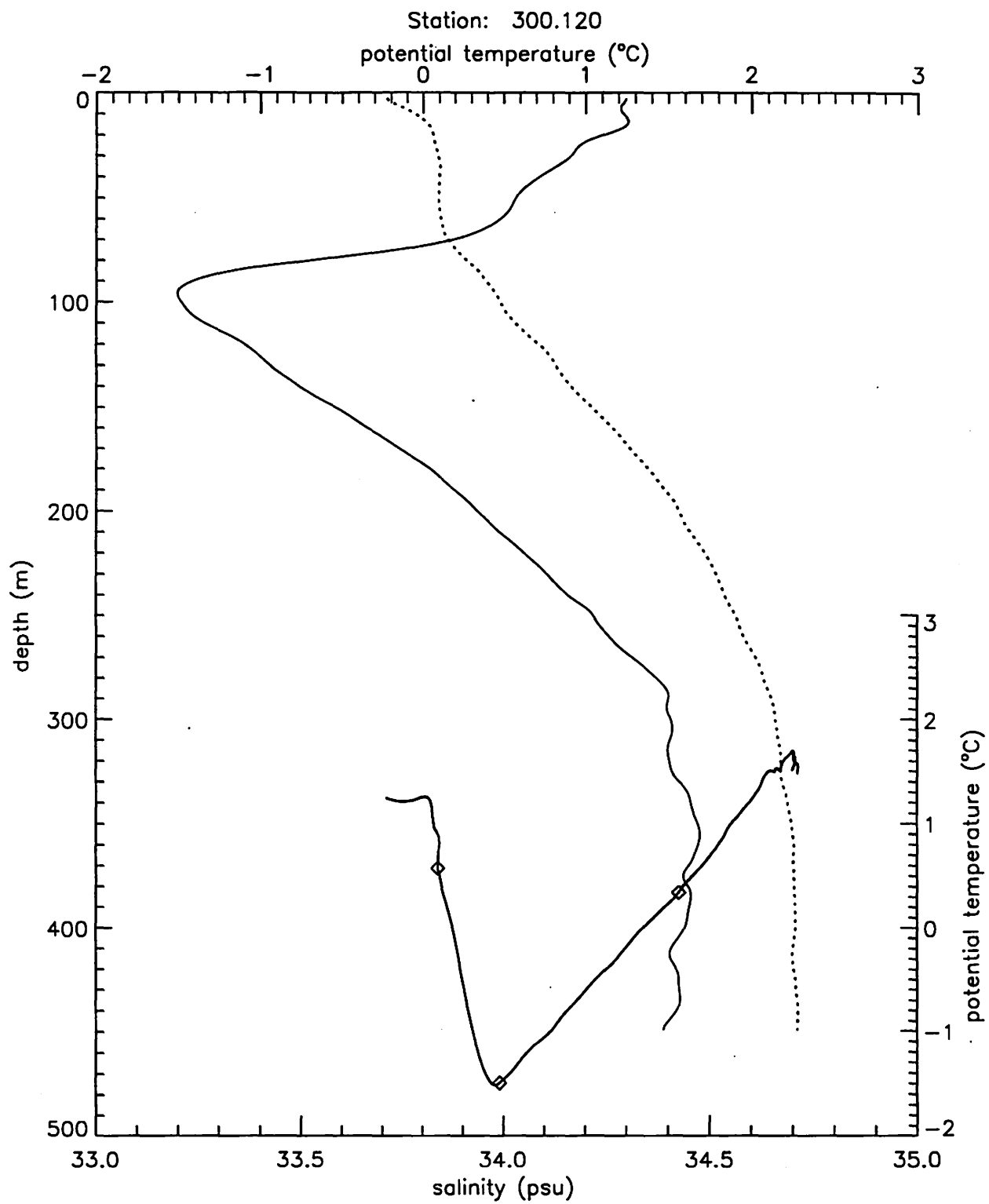
LTER 93a Station: 300.140 (818) JulianDay: 31 GMT: 2145
 Latitude: 66° 14.66' S Longitude: 70° 28.93' W Depth: 504 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.448	1.448	33.862	27.100	0.0019	3.43e-06
10	1.421	1.421	33.867	27.106	0.0067	1.07e-05
20	1.304	1.303	33.865	27.113	0.0161	7.26e-06
30	1.066	1.065	33.872	27.134	0.0254	2.77e-05
40	0.751	0.750	33.872	27.154	0.0345	9.44e-06
50	0.633	0.631	33.869	27.159	0.0435	4.42e-06
60	0.543	0.541	33.874	27.168	0.0525	2.63e-05
70	-0.022	-0.024	33.918	27.234	0.0611	9.04e-05
80	-0.890	-0.892	33.963	27.309	0.0689	6.53e-05
90	-1.398	-1.400	34.020	27.373	0.0761	3.65e-05
100	-1.312	-1.314	34.051	27.395	0.0829	2.15e-05
110	-1.117	-1.120	34.091	27.421	0.0895	2.62e-05
120	-0.978	-0.981	34.127	27.445	0.0958	1.74e-05
130	-0.827	-0.831	34.156	27.463	0.1019	1.90e-05
140	-0.632	-0.636	34.197	27.488	0.1079	2.61e-05
150	-0.392	-0.397	34.247	27.518	0.1135	3.06e-05
160	-0.108	-0.114	34.305	27.551	0.1189	2.65e-05
180	0.502	0.494	34.405	27.599	0.1290	2.35e-05
200	0.707	0.699	34.462	27.632	0.1383	9.95e-06
220	0.924	0.915	34.509	27.656	0.1471	1.23e-05
240	1.241	1.230	34.574	27.687	0.1555	8.86e-06
260	1.545	1.532	34.624	27.706	0.1634	5.22e-06
280	1.656	1.642	34.649	27.718	0.1711	2.49e-06
300	1.697	1.682	34.665	27.728	0.1786	7.29e-07
320	1.742	1.725	34.677	27.734	0.1859	3.77e-06
340	1.765	1.747	34.687	27.740	0.1932	3.53e-06
360	1.713	1.694	34.693	27.749	0.2004	3.46e-06
380	1.759	1.739	34.700	27.752	0.2075	2.07e-06
400	1.637	1.617	34.694	27.756	0.2145	-2.43e-07
420	1.624	1.602	34.700	27.762	0.2214	5.17e-06
440	1.526	1.503	34.694	27.764	0.2282	-4.26e-06
460	1.621	1.597	34.712	27.772	0.2350	4.26e-06
480	1.529	1.504	34.710	27.778	0.2417	3.71e-06



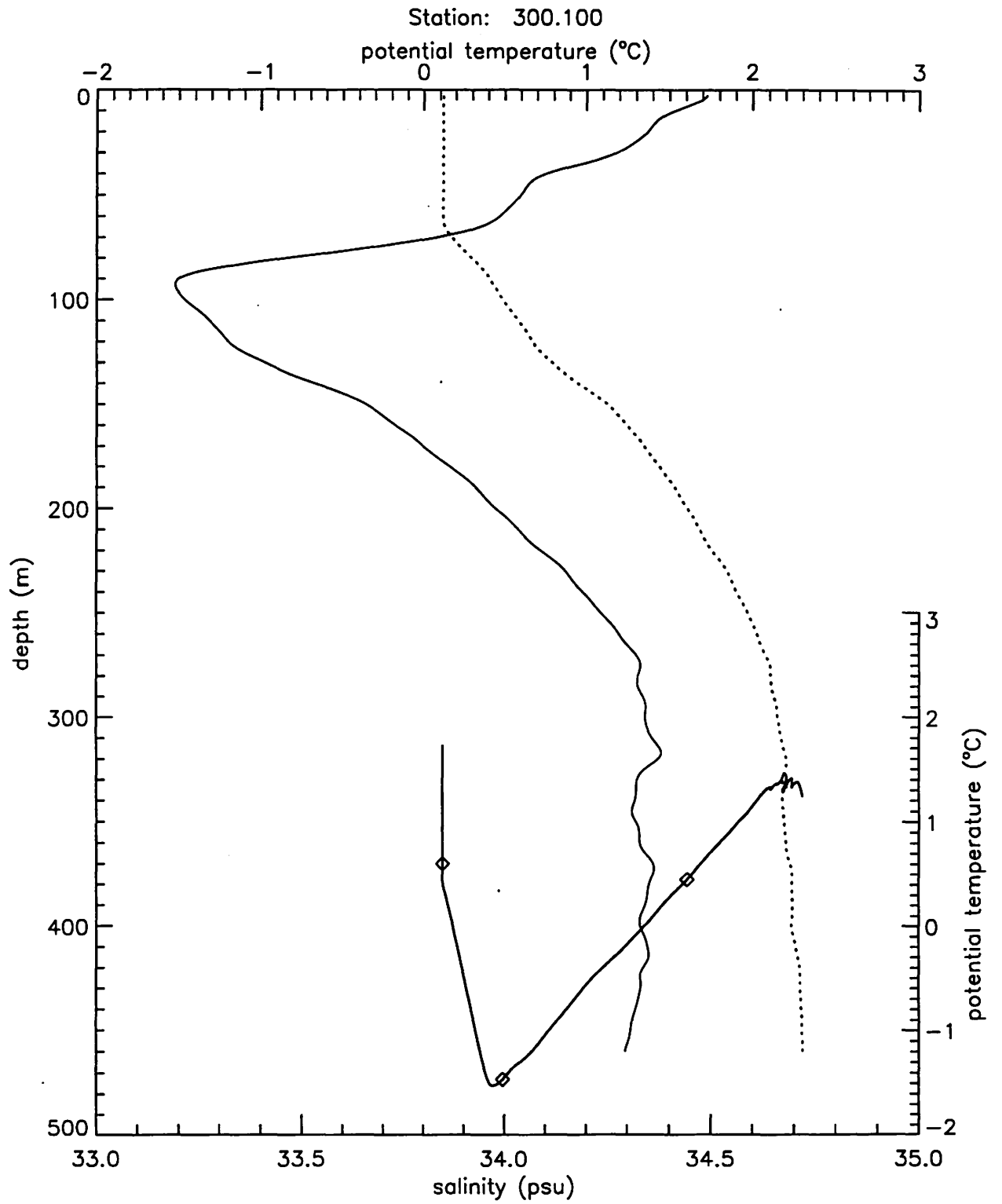
LTER 93a Station: 300.120 (833) JulianDay: 32 GMT: 0758
 Latitude: 66° 22.51' S Longitude: 70° 10.45' W Depth: 466 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.231	1.231	33.722	27.003	0.0021	6.76e-05
10	1.228	1.227	33.777	27.047	0.0072	6.82e-05
20	1.111	1.110	33.824	27.093	0.0170	3.17e-05
30	0.912	0.911	33.837	27.116	0.0265	1.85e-05
40	0.719	0.717	33.840	27.130	0.0358	9.26e-06
50	0.576	0.574	33.838	27.137	0.0450	5.87e-06
60	0.479	0.477	33.844	27.148	0.0541	1.62e-05
70	0.192	0.189	33.862	27.178	0.0631	5.40e-05
80	-0.683	-0.686	33.908	27.256	0.0715	8.34e-05
90	-1.406	-1.408	33.957	27.322	0.0792	4.28e-05
100	-1.484	-1.486	33.991	27.352	0.0864	2.04e-05
110	-1.345	-1.347	34.027	27.377	0.0934	3.06e-05
120	-1.097	-1.101	34.085	27.415	0.1001	3.69e-05
130	-0.938	-0.941	34.128	27.444	0.1064	1.93e-05
140	-0.758	-0.762	34.165	27.467	0.1125	2.64e-05
150	-0.539	-0.544	34.215	27.498	0.1184	2.94e-05
160	-0.340	-0.346	34.266	27.531	0.1239	2.74e-05
180	0.055	0.049	34.353	27.582	0.1343	2.46e-05
200	0.349	0.341	34.427	27.625	0.1438	1.06e-05
220	0.633	0.623	34.488	27.658	0.1527	1.54e-05
240	0.902	0.891	34.536	27.679	0.1610	7.04e-06
260	1.156	1.144	34.582	27.699	0.1690	1.02e-05
280	1.446	1.432	34.630	27.718	0.1767	2.79e-06
300	1.534	1.519	34.658	27.735	0.1841	2.07e-06
320	1.527	1.510	34.672	27.746	0.1912	-1.88e-06
340	1.657	1.639	34.688	27.749	0.1983	4.80e-06
360	1.701	1.682	34.703	27.758	0.2053	4.38e-06
380	1.643	1.623	34.704	27.764	0.2121	-1.52e-06
400	1.622	1.601	34.706	27.767	0.2189	2.98e-06
420	1.575	1.553	34.703	27.768	0.2256	2.01e-06
440	1.575	1.552	34.713	27.776	0.2323	6.69e-06



LTER 93a Station: 300.100 (841) JulianDay: 32 GMT: 1313
 Latitude: 66° 30.30' S Longitude: 69° 52.07' W Depth: 475 m

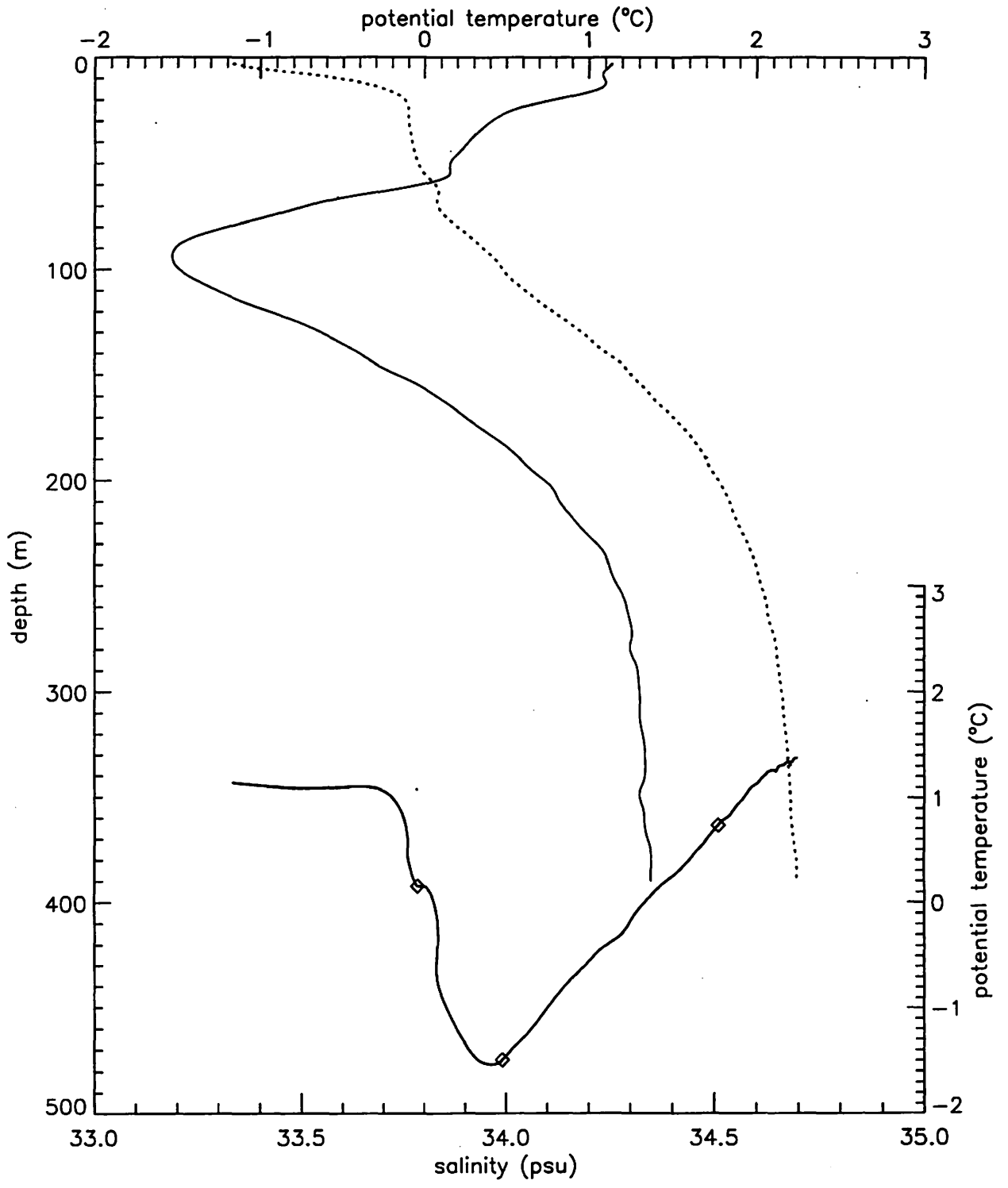
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.697	1.697	33.848	27.071	0.0020	1.41e-05
10	1.539	1.538	33.848	27.083	0.0068	1.87e-05
20	1.372	1.371	33.848	27.095	0.0165	8.90e-06
30	1.186	1.185	33.848	27.107	0.0260	1.92e-05
40	0.757	0.755	33.848	27.134	0.0353	2.11e-05
50	0.600	0.598	33.848	27.143	0.0445	6.05e-06
60	0.474	0.471	33.848	27.151	0.0536	1.39e-05
70	0.085	0.083	33.869	27.189	0.0625	6.72e-05
80	-0.833	-0.835	33.920	27.272	0.0708	7.78e-05
90	-1.501	-1.503	33.964	27.331	0.0783	3.54e-05
100	-1.462	-1.464	33.997	27.356	0.0855	2.32e-05
110	-1.313	-1.316	34.034	27.381	0.0924	2.52e-05
120	-1.198	-1.201	34.068	27.405	0.0991	2.18e-05
130	-0.977	-0.980	34.116	27.436	0.1055	3.32e-05
140	-0.669	-0.673	34.179	27.475	0.1117	4.11e-05
150	-0.353	-0.358	34.252	27.520	0.1174	3.54e-05
160	-0.175	-0.180	34.299	27.549	0.1228	2.48e-05
180	0.172	0.165	34.378	27.595	0.1328	1.92e-05
200	0.454	0.446	34.445	27.633	0.1421	1.62e-05
220	0.729	0.719	34.504	27.664	0.1509	1.75e-05
240	0.990	0.979	34.563	27.695	0.1590	1.20e-05
260	1.209	1.197	34.611	27.720	0.1666	7.47e-06
280	1.328	1.314	34.644	27.738	0.1739	3.64e-06
300	1.372	1.357	34.661	27.748	0.1810	4.19e-06
320	1.453	1.437	34.682	27.759	0.1879	1.10e-05
340	1.314	1.297	34.674	27.763	0.1947	3.53e-06
360	1.347	1.329	34.682	27.767	0.2014	1.22e-06
380	1.402	1.383	34.696	27.775	0.2080	2.80e-06
400	1.351	1.331	34.696	27.778	0.2145	1.09e-06
420	1.368	1.346	34.714	27.792	0.2209	8.45e-06
440	1.323	1.301	34.718	27.798	0.2271	4.38e-06
460	1.262	1.239	34.721	27.805	0.2331	2.43e-06



LTER 93a	Station: 300.080 (843)	JulianDay: 32	GMT: 1516
	Latitude: 66° 38.09' S	Longitude: 69° 33.29' W	Depth: 401 m

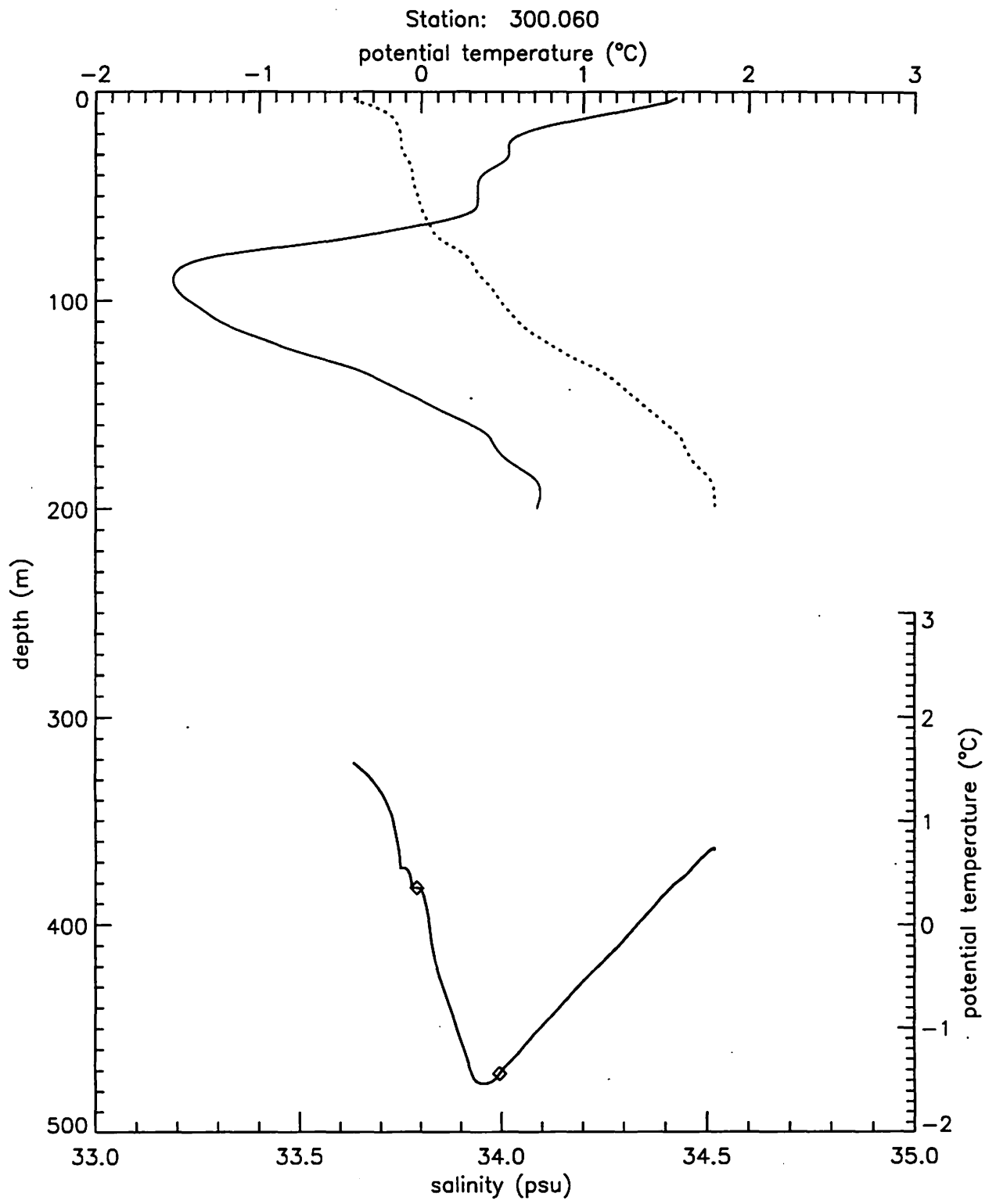
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.117	1.116	33.380	26.736	0.0026	2.40e-04
10	1.093	1.093	33.585	26.901	0.0087	2.54e-04
20	0.787	0.786	33.751	27.054	0.0193	7.41e-05
30	0.414	0.413	33.760	27.084	0.0290	1.56e-05
40	0.271	0.270	33.769	27.099	0.0387	1.43e-05
50	0.157	0.156	33.783	27.116	0.0481	2.14e-05
60	-0.013	-0.015	33.825	27.159	0.0573	5.37e-05
70	-0.717	-0.719	33.831	27.195	0.0661	3.59e-05
80	-1.195	-1.197	33.879	27.252	0.0744	6.42e-05
90	-1.510	-1.512	33.941	27.312	0.0822	4.93e-05
100	-1.488	-1.490	33.991	27.352	0.0894	2.98e-05
110	-1.262	-1.265	34.046	27.390	0.0963	3.98e-05
120	-0.944	-0.947	34.112	27.432	0.1029	4.10e-05
130	-0.629	-0.633	34.182	27.476	0.1090	3.75e-05
140	-0.398	-0.403	34.242	27.514	0.1148	4.11e-05
150	-0.171	-0.176	34.300	27.550	0.1202	2.36e-05
160	0.073	0.067	34.349	27.577	0.1253	2.67e-05
180	0.442	0.434	34.448	27.636	0.1347	1.94e-05
200	0.742	0.733	34.510	27.668	0.1433	1.58e-05
220	0.939	0.930	34.556	27.693	0.1514	9.41e-06
240	1.133	1.122	34.599	27.715	0.1592	8.56e-06
260	1.238	1.226	34.625	27.729	0.1666	4.37e-06
280	1.260	1.246	34.648	27.745	0.1737	4.25e-06
300	1.319	1.304	34.661	27.752	0.1807	4.86e-06
320	1.340	1.324	34.671	27.759	0.1875	3.04e-06
340	1.355	1.338	34.679	27.764	0.1943	4.19e-06
360	1.352	1.335	34.684	27.768	0.2009	1.40e-06
380	1.395	1.376	34.696	27.775	0.2075	2.13e-06

Station: 300.080



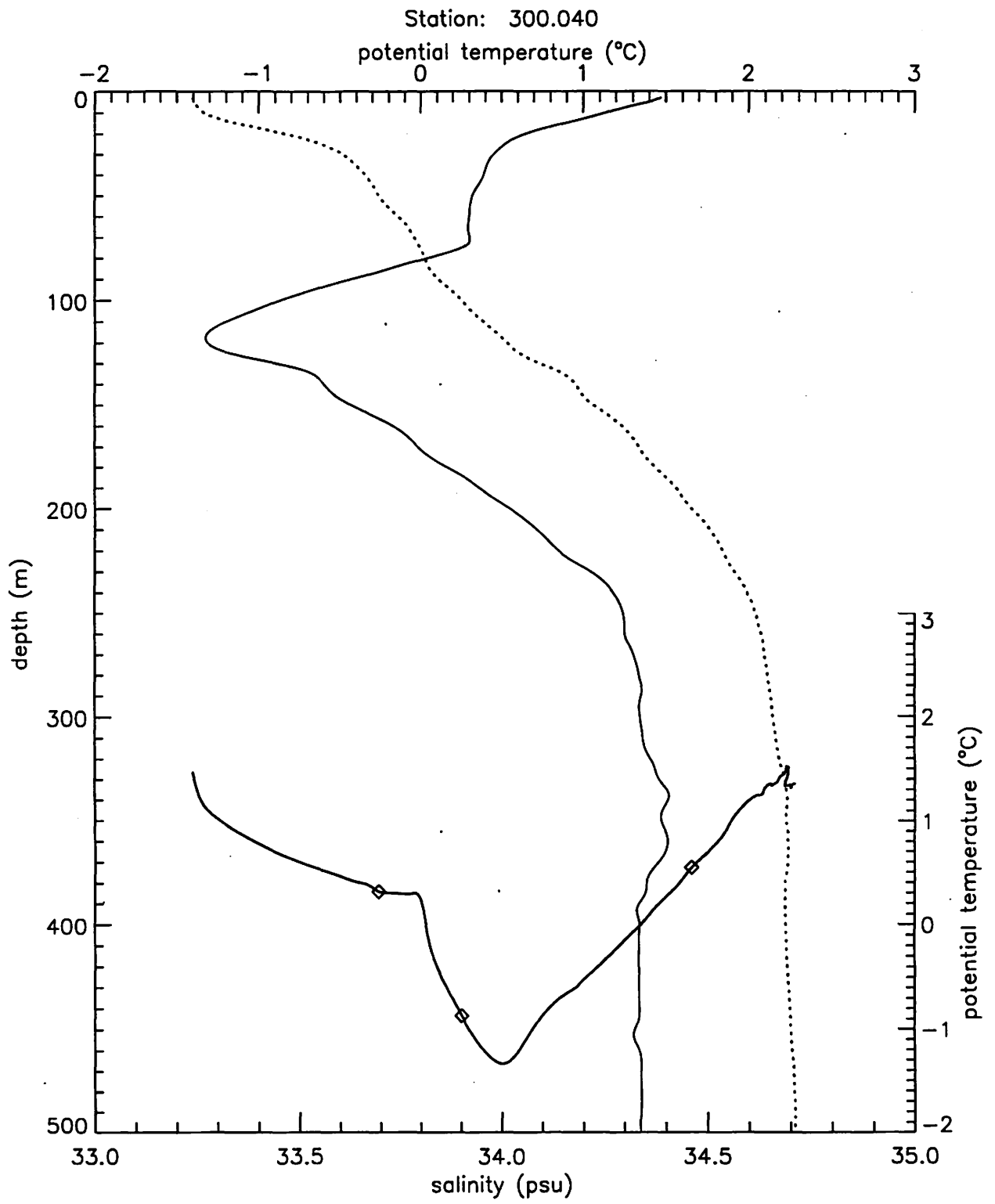
LTER 93:	Station: 300.060 (851)	JulianDay: 32	GMT: 2004
	Latitude: 66° 45.83' S	Longitude: 69° 14.57' W	Depth: 206 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.505	1.504	33.649	26.926	0.0023	1.13e-04
10	1.189	1.189	33.713	26.998	0.0077	1.10e-04
20	0.628	0.627	33.747	27.060	0.0178	2.58e-05
30	0.545	0.544	33.757	27.074	0.0276	2.29e-05
40	0.379	0.378	33.777	27.099	0.0373	1.32e-05
50	0.353	0.351	33.790	27.111	0.0468	1.34e-05
60	0.241	0.239	33.809	27.133	0.0561	4.06e-05
70	-0.417	-0.419	33.841	27.190	0.0651	8.38e-05
80	-1.326	-1.327	33.918	27.288	0.0732	6.09e-05
90	-1.524	-1.526	33.955	27.324	0.0807	3.40e-05
100	-1.428	-1.431	33.996	27.354	0.0879	2.51e-05
110	-1.243	-1.245	34.040	27.384	0.0949	3.29e-05
120	-0.929	-0.932	34.110	27.430	0.1015	4.97e-05
130	-0.533	-0.537	34.202	27.488	0.1076	5.77e-05
140	-0.212	-0.217	34.284	27.539	0.1131	3.55e-05
150	0.046	0.041	34.342	27.573	0.1183	3.23e-05
160	0.320	0.314	34.404	27.608	0.1232	3.09e-05
180	0.603	0.595	34.477	27.651	0.1322	2.34e-05
200	0.727	0.718	34.519	27.677	0.1405	2.43e-06



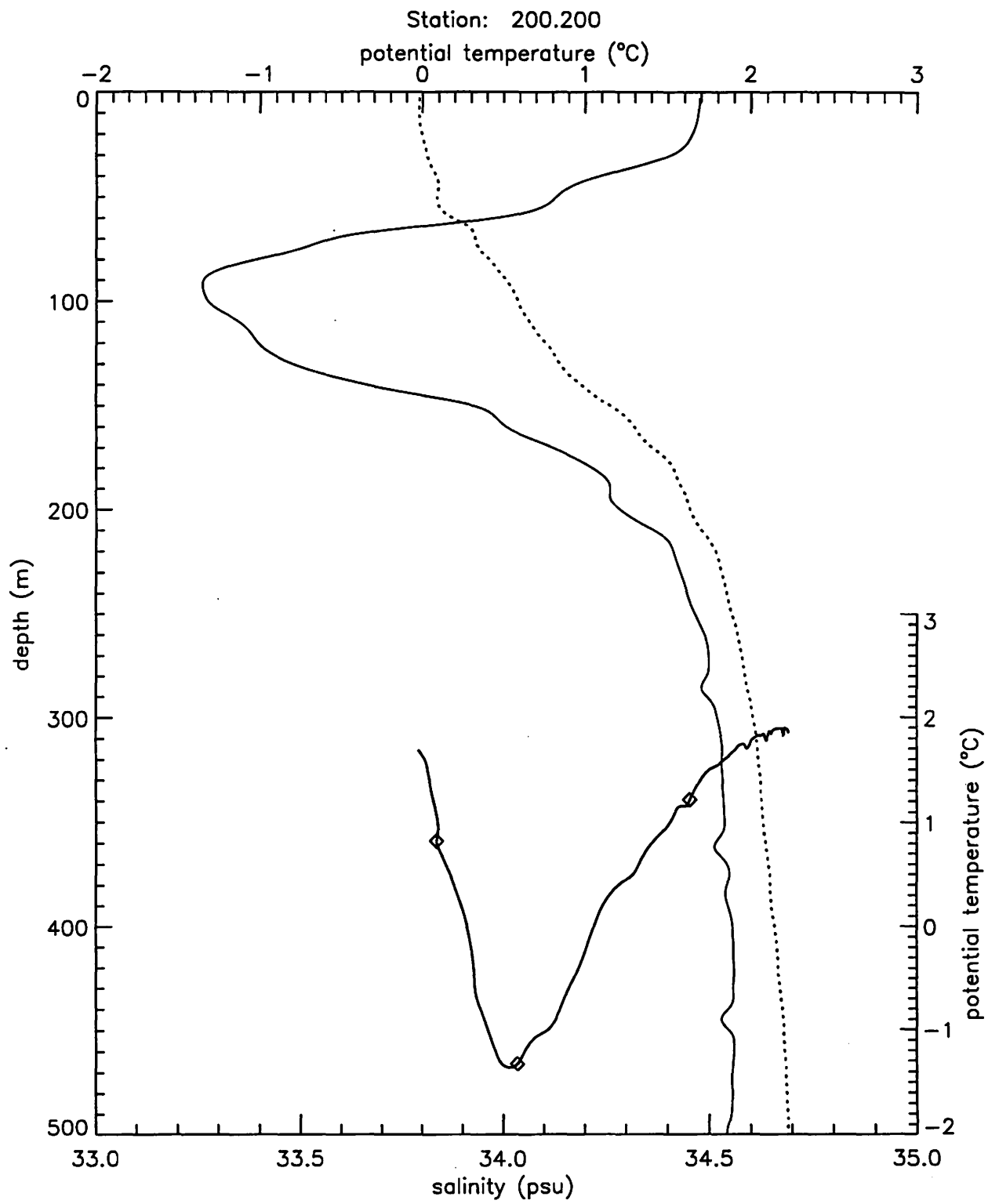
LTER 93a	Station: 300.040 (859)	JulianDay: 33	GMT: 0008
	Latitude: 66° 53.43' S	Longitude: 68° 55.62' W	Depth: 678 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.405	1.405	33.242	26.606	0.0029	4.84e-05
10	1.143	1.142	33.266	26.643	0.0099	1.14e-04
20	0.649	0.649	33.468	26.835	0.0229	1.82e-04
30	0.452	0.451	33.608	26.959	0.0343	6.96e-05
40	0.392	0.390	33.662	27.006	0.0449	3.64e-05
50	0.320	0.319	33.695	27.036	0.0552	2.96e-05
60	0.303	0.301	33.743	27.076	0.0651	3.94e-05
70	0.307	0.304	33.782	27.107	0.0747	2.69e-05
80	0.049	0.046	33.810	27.143	0.0840	4.05e-05
90	-0.419	-0.422	33.842	27.192	0.0929	6.21e-05
100	-0.863	-0.866	33.901	27.257	0.1012	5.61e-05
110	-1.194	-1.197	33.956	27.314	0.1089	5.74e-05
120	-1.311	-1.314	34.014	27.365	0.1161	4.07e-05
130	-0.894	-0.898	34.093	27.415	0.1229	6.20e-05
140	-0.598	-0.602	34.181	27.474	0.1290	2.96e-05
150	-0.429	-0.434	34.226	27.502	0.1349	3.95e-05
160	-0.168	-0.173	34.295	27.546	0.1404	3.17e-05
180	0.171	0.165	34.375	27.593	0.1505	2.58e-05
200	0.557	0.549	34.462	27.642	0.1597	2.17e-05
220	0.854	0.844	34.536	27.682	0.1681	9.89e-06
240	1.192	1.180	34.596	27.709	0.1760	1.32e-05
260	1.261	1.249	34.629	27.730	0.1835	7.47e-06
280	1.350	1.336	34.644	27.736	0.1907	3.28e-06
300	1.358	1.343	34.657	27.746	0.1978	2.92e-06
320	1.422	1.406	34.672	27.754	0.2048	3.16e-06
340	1.532	1.514	34.692	27.762	0.2116	2.19e-06
360	1.532	1.513	34.695	27.764	0.2184	1.52e-06
380	1.404	1.385	34.688	27.768	0.2251	1.82e-07
400	1.361	1.341	34.688	27.772	0.2317	7.30e-07
420	1.358	1.336	34.692	27.775	0.2383	2.37e-06
440	1.362	1.339	34.698	27.780	0.2448	2.68e-06
460	1.363	1.339	34.703	27.784	0.2512	6.69e-07
480	1.376	1.352	34.709	27.787	0.2576	1.52e-06



LTER 93a Station: 200.200 (869) JulianDay: 33 GMT: 1602
 Latitude: 66° 26.61' S Longitude: 73° 2.09' W Depth: 3606 m

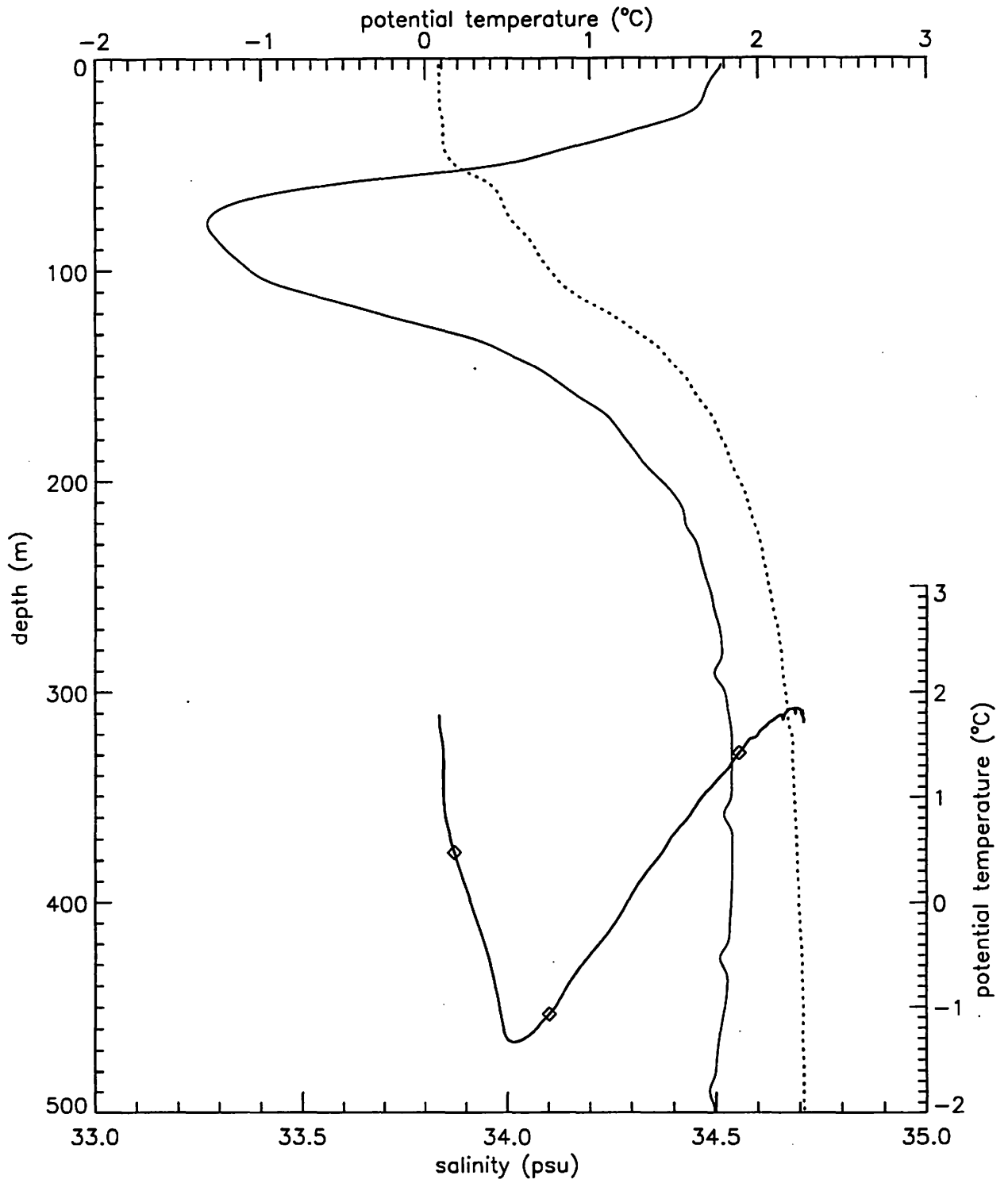
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.690	1.690	33.791	27.026	0.0020	8.07e-07
10	1.684	1.684	33.791	27.027	0.0072	2.84e-06
20	1.648	1.648	33.798	27.035	0.0174	1.36e-05
30	1.521	1.519	33.812	27.055	0.0274	3.17e-05
40	1.092	1.090	33.834	27.102	0.0372	4.06e-05
50	0.825	0.823	33.836	27.121	0.0466	1.39e-05
60	0.452	0.450	33.875	27.174	0.0558	1.05e-04
70	-0.553	-0.555	33.930	27.269	0.0640	4.54e-05
80	-1.016	-1.018	33.965	27.315	0.0717	5.45e-05
90	-1.343	-1.345	34.007	27.360	0.0790	3.29e-05
100	-1.315	-1.317	34.035	27.383	0.0859	1.48e-05
110	-1.127	-1.130	34.064	27.400	0.0926	1.93e-05
120	-1.010	-1.013	34.103	27.427	0.0991	2.76e-05
130	-0.799	-0.803	34.139	27.448	0.1054	1.49e-05
140	-0.344	-0.348	34.191	27.470	0.1115	1.86e-05
150	0.323	0.317	34.263	27.494	0.1174	3.31e-05
160	0.523	0.517	34.320	27.528	0.1230	1.73e-05
180	1.058	1.050	34.414	27.571	0.1336	8.74e-06
200	1.224	1.214	34.454	27.592	0.1436	3.34e-06
220	1.546	1.535	34.516	27.619	0.1533	1.37e-05
240	1.630	1.618	34.543	27.635	0.1626	5.52e-06
260	1.735	1.721	34.568	27.647	0.1716	4.92e-06
280	1.749	1.734	34.586	27.661	0.1804	9.84e-06
300	1.813	1.798	34.605	27.671	0.1889	4.56e-06
320	1.843	1.826	34.618	27.679	0.1974	4.13e-06
340	1.857	1.838	34.627	27.685	0.2057	2.55e-06
360	1.808	1.789	34.637	27.698	0.2139	7.48e-06
380	1.879	1.858	34.648	27.701	0.2220	3.65e-06
400	1.913	1.891	34.659	27.707	0.2300	4.99e-06
420	1.923	1.900	34.667	27.713	0.2378	1.40e-06
440	1.887	1.863	34.677	27.724	0.2456	9.55e-06
460	1.925	1.900	34.683	27.725	0.2533	3.59e-06
480	1.916	1.890	34.688	27.730	0.2609	2.43e-06
500	1.885	1.857	34.691	27.736	0.2684	0.00e+00



LTER 93a	Station: 200.160 (879)	JulianDay: 33	GMT: 2227
	Latitude: 66° 42.90' S	Longitude: 72° 26.80' W	Depth: 3191 m

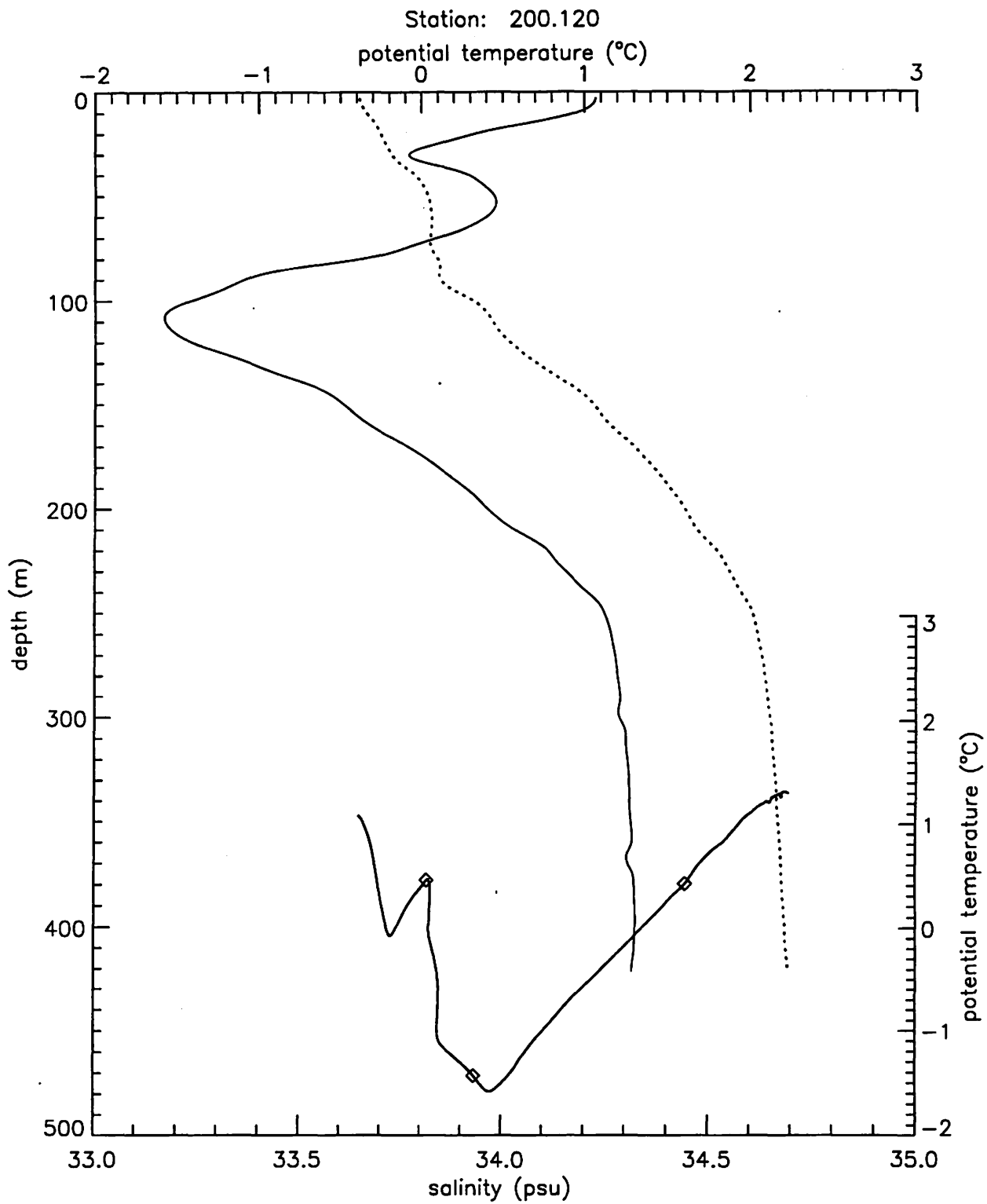
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.774	1.774	33.833	27.054	0.0020	7.87e-06
10	1.725	1.725	33.835	27.059	0.0070	7.20e-06
20	1.671	1.670	33.835	27.063	0.0169	7.26e-06
30	1.449	1.448	33.843	27.085	0.0267	3.12e-05
40	0.997	0.995	33.844	27.116	0.0362	3.63e-05
50	0.478	0.476	33.871	27.169	0.0454	9.11e-05
60	-0.629	-0.631	33.961	27.296	0.0536	9.48e-05
70	-1.225	-1.226	33.992	27.344	0.0610	2.90e-05
80	-1.317	-1.319	34.026	27.375	0.0680	3.39e-05
90	-1.211	-1.213	34.067	27.405	0.0748	2.10e-05
100	-1.062	-1.065	34.101	27.427	0.0813	2.34e-05
110	-0.763	-0.766	34.150	27.455	0.0875	3.65e-05
120	-0.309	-0.313	34.239	27.507	0.0934	4.55e-05
130	0.184	0.179	34.315	27.544	0.0989	3.18e-05
140	0.513	0.508	34.378	27.576	0.1041	1.94e-05
150	0.755	0.748	34.423	27.597	0.1090	2.01e-05
160	0.934	0.927	34.455	27.612	0.1138	1.27e-05
180	1.215	1.207	34.513	27.640	0.1229	1.03e-05
200	1.433	1.423	34.555	27.659	0.1317	9.65e-06
220	1.577	1.566	34.590	27.676	0.1401	1.08e-05
240	1.679	1.666	34.615	27.689	0.1483	5.16e-06
260	1.751	1.738	34.636	27.700	0.1563	5.40e-06
280	1.803	1.788	34.655	27.712	0.1641	5.22e-06
300	1.818	1.802	34.665	27.719	0.1718	6.08e-07
320	1.860	1.843	34.680	27.727	0.1793	7.05e-06
340	1.862	1.844	34.684	27.731	0.1868	1.52e-06
360	1.820	1.801	34.689	27.738	0.1941	-4.26e-07
380	1.869	1.849	34.694	27.738	0.2015	1.64e-06
400	1.863	1.841	34.697	27.741	0.2088	2.68e-06
420	1.839	1.816	34.703	27.748	0.2160	6.93e-06
440	1.841	1.817	34.706	27.750	0.2232	1.28e-06
460	1.803	1.778	34.706	27.753	0.2303	9.74e-07
480	1.774	1.748	34.708	27.757	0.2374	2.19e-06
500	1.768	1.741	34.710	27.760	0.2444	0.00e+00

Station: 200.160



LTER 93a Station: 200.120 (886) JulianDay: 34 GMT: 0153
 Latitude: 66° 58.90' S Longitude: 71° 50.37' W Depth: 427 m

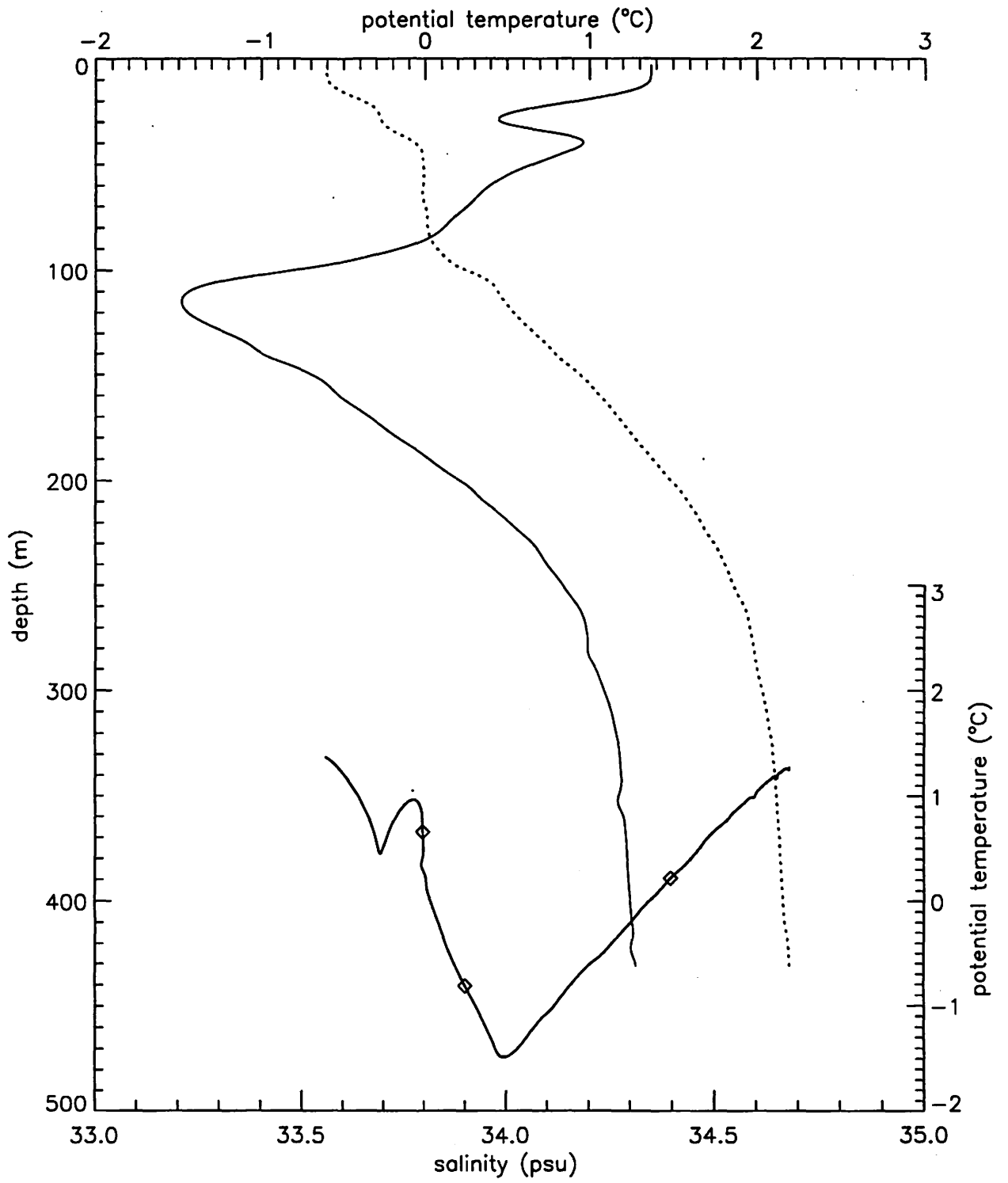
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.061	1.061	33.649	26.955	0.0022	1.41e-05
10	0.949	0.948	33.664	26.975	0.0076	5.14e-05
20	0.332	0.331	33.699	27.038	0.0180	5.11e-05
30	-0.078	-0.079	33.726	27.082	0.0279	3.14e-05
40	0.297	0.296	33.784	27.109	0.0375	2.50e-05
50	0.451	0.450	33.816	27.127	0.0468	9.51e-06
60	0.399	0.396	33.825	27.136	0.0560	1.28e-05
70	0.088	0.086	33.822	27.151	0.0652	2.05e-05
80	-0.418	-0.420	33.842	27.191	0.0740	4.75e-05
90	-1.100	-1.102	33.848	27.224	0.0825	4.62e-05
100	-1.423	-1.425	33.933	27.303	0.0905	6.97e-05
110	-1.569	-1.571	33.978	27.344	0.0978	2.68e-05
120	-1.398	-1.401	34.024	27.376	0.1048	3.51e-05
130	-1.043	-1.046	34.090	27.418	0.1115	4.30e-05
140	-0.693	-0.697	34.169	27.468	0.1177	4.50e-05
150	-0.468	-0.473	34.226	27.504	0.1235	2.49e-05
160	-0.300	-0.306	34.268	27.530	0.1291	2.96e-05
180	0.121	0.114	34.370	27.592	0.1393	2.42e-05
200	0.429	0.421	34.446	27.636	0.1486	1.38e-05
220	0.802	0.792	34.526	27.678	0.1572	2.09e-05
240	1.047	1.036	34.582	27.707	0.1651	1.55e-05
260	1.181	1.168	34.620	27.729	0.1726	5.65e-06
280	1.223	1.210	34.638	27.741	0.1798	4.25e-06
300	1.238	1.224	34.652	27.750	0.1868	1.64e-06
320	1.284	1.268	34.659	27.753	0.1937	2.98e-06
340	1.298	1.281	34.667	27.758	0.2005	1.09e-06
360	1.309	1.291	34.674	27.763	0.2073	5.47e-06
380	1.328	1.309	34.680	27.767	0.2140	1.82e-06
400	1.334	1.314	34.686	27.772	0.2206	3.34e-06
420	1.317	1.296	34.693	27.779	0.2271	1.22e-06



LTER 93a	Station: 200.080 (892)	JulianDay: 34	GMT: 0520
	Latitude: 67° 14.90' S	Longitude: 71° 13.30' W	Depth: 449 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.368	1.368	33.559	26.862	0.0024	-2.82e-06
10	1.362	1.362	33.561	26.865	0.0082	3.19e-05
20	0.926	0.925	33.647	26.962	0.0197	1.14e-04
30	0.473	0.471	33.695	27.028	0.0301	2.18e-05
40	0.965	0.964	33.777	27.064	0.0402	4.80e-05
50	0.656	0.654	33.796	27.098	0.0498	2.13e-05
60	0.399	0.397	33.795	27.112	0.0593	7.57e-06
70	0.264	0.261	33.800	27.124	0.0687	1.60e-05
80	0.117	0.115	33.806	27.136	0.0779	1.45e-05
90	-0.157	-0.160	33.830	27.170	0.0869	5.34e-05
100	-0.802	-0.804	33.900	27.254	0.0955	1.10e-04
110	-1.429	-1.432	33.977	27.339	0.1030	4.07e-05
120	-1.443	-1.446	34.015	27.370	0.1100	3.12e-05
130	-1.202	-1.205	34.067	27.404	0.1168	3.24e-05
140	-0.987	-0.991	34.117	27.438	0.1232	3.01e-05
150	-0.694	-0.698	34.177	27.475	0.1293	3.28e-05
160	-0.524	-0.529	34.225	27.506	0.1351	2.82e-05
180	-0.161	-0.168	34.308	27.556	0.1459	2.26e-05
200	0.223	0.215	34.396	27.607	0.1558	2.42e-05
220	0.529	0.520	34.469	27.648	0.1648	1.26e-05
240	0.757	0.746	34.525	27.680	0.1732	1.12e-05
260	0.945	0.933	34.571	27.705	0.1812	1.15e-05
280	1.003	0.991	34.594	27.720	0.1888	5.28e-06
300	1.103	1.089	34.613	27.729	0.1962	5.04e-06
320	1.178	1.163	34.633	27.739	0.2034	4.25e-06
340	1.211	1.194	34.645	27.747	0.2104	3.34e-06
360	1.226	1.209	34.651	27.751	0.2174	2.43e-07
380	1.250	1.232	34.658	27.755	0.2243	1.03e-06
400	1.269	1.249	34.664	27.758	0.2312	1.52e-06
420	1.279	1.258	34.676	27.767	0.2379	5.05e-06

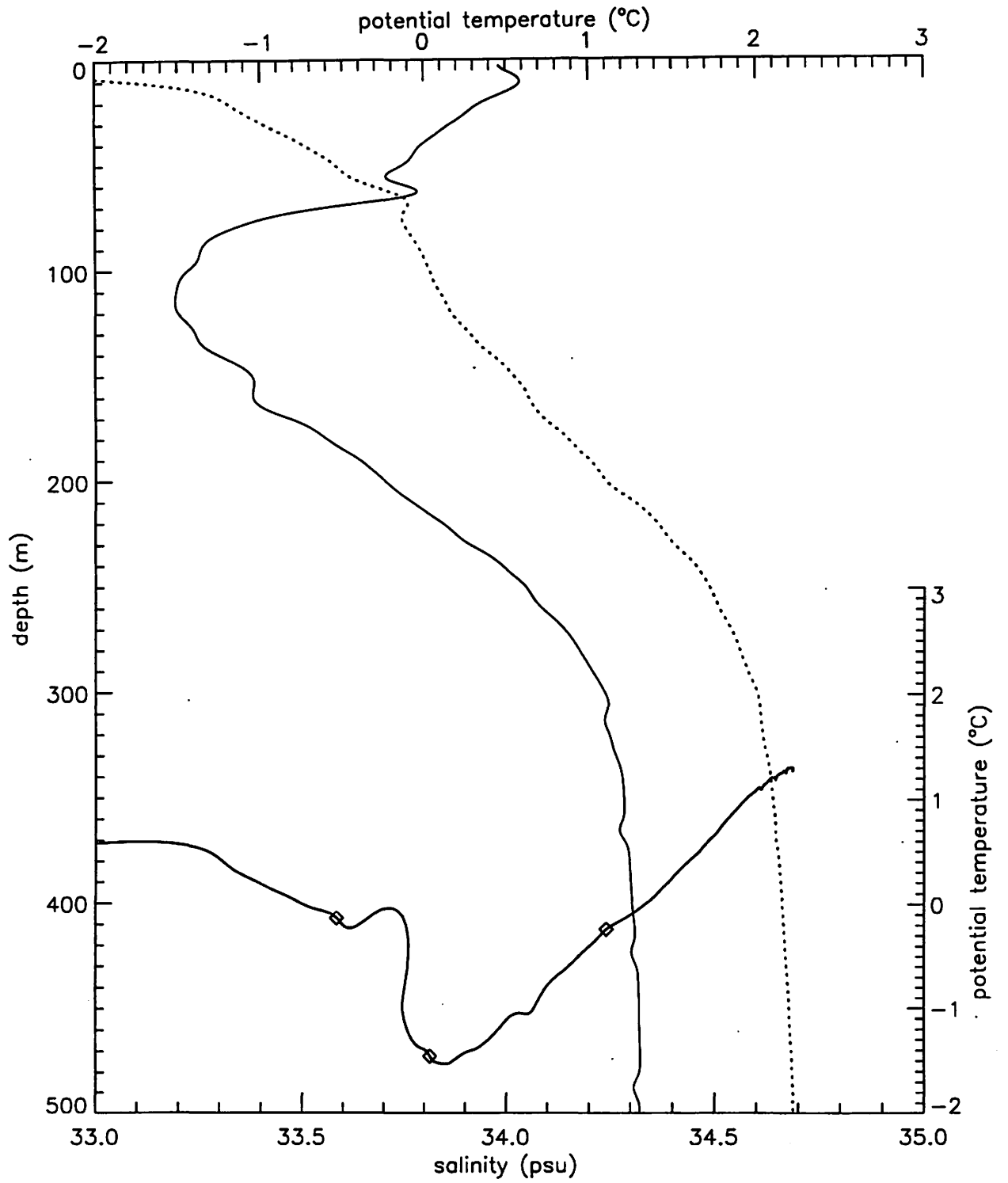
Station: 200.080



LTER 93a	Station: 200.040 (898)	JulianDay: 34	GMT: 0849
	Latitude: 67° 30.74' S	Longitude: 70° 35.43' W	Depth: 748 m

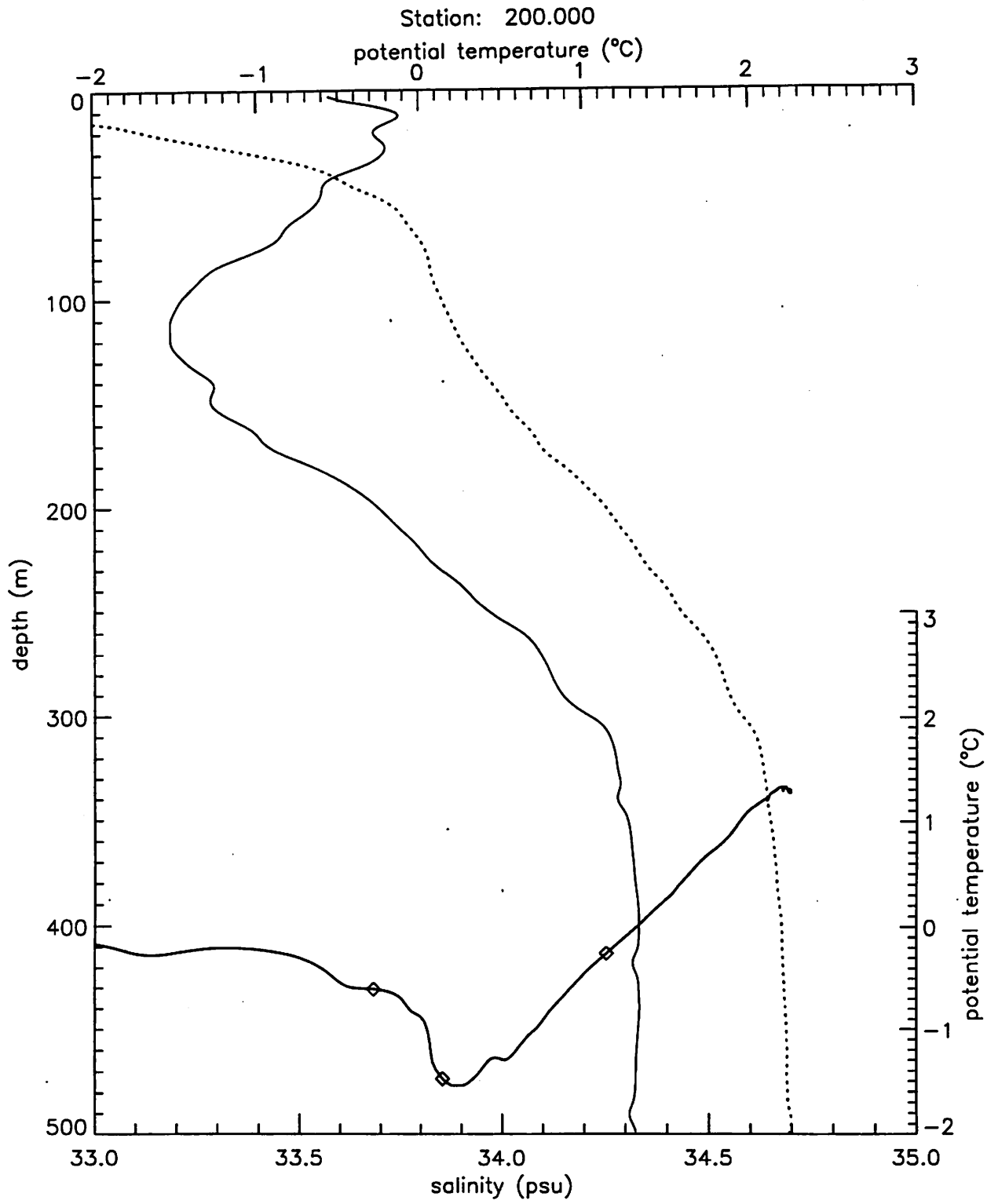
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.490	0.489	32.828	26.329	0.0034	2.50e-04
10	0.588	0.587	33.091	26.535	0.0113	3.37e-04
20	0.357	0.356	33.321	26.732	0.0250	8.82e-05
30	0.166	0.165	33.410	26.815	0.0377	8.69e-05
40	-0.016	-0.018	33.508	26.903	0.0495	7.52e-05
50	-0.134	-0.136	33.584	26.970	0.0605	5.90e-05
60	-0.095	-0.097	33.675	27.042	0.0710	9.73e-05
70	-0.612	-0.614	33.758	27.131	0.0805	3.51e-05
80	-1.174	-1.176	33.756	27.151	0.0897	3.36e-05
90	-1.360	-1.362	33.789	27.184	0.0985	2.43e-05
100	-1.442	-1.444	33.813	27.206	0.1071	2.07e-05
110	-1.508	-1.511	33.837	27.228	0.1154	2.34e-05
120	-1.497	-1.499	33.866	27.251	0.1236	2.55e-05
130	-1.390	-1.393	33.912	27.285	0.1315	3.33e-05
140	-1.249	-1.253	33.965	27.324	0.1390	3.93e-05
150	-1.046	-1.050	34.019	27.360	0.1462	3.20e-05
160	-1.042	-1.046	34.054	27.389	0.1530	2.07e-05
180	-0.586	-0.591	34.152	27.450	0.1660	3.23e-05
200	-0.233	-0.240	34.242	27.506	0.1778	3.02e-05
220	0.124	0.115	34.366	27.588	0.1882	2.42e-05
240	0.490	0.480	34.458	27.642	0.1976	2.03e-05
260	0.732	0.721	34.513	27.671	0.2061	1.16e-05
280	0.958	0.946	34.562	27.697	0.2142	8.26e-06
300	1.111	1.097	34.602	27.719	0.2219	7.78e-06
320	1.141	1.126	34.616	27.728	0.2293	2.98e-06
340	1.217	1.201	34.634	27.738	0.2365	3.22e-06
360	1.218	1.201	34.645	27.746	0.2436	4.50e-06
380	1.262	1.243	34.654	27.751	0.2506	3.28e-06
400	1.280	1.260	34.662	27.756	0.2575	2.13e-06
420	1.283	1.263	34.669	27.761	0.2644	3.71e-06
440	1.321	1.298	34.675	27.764	0.2712	2.07e-06
460	1.326	1.303	34.679	27.767	0.2779	2.13e-06
480	1.325	1.301	34.685	27.771	0.2846	3.47e-06

Station: 200.040



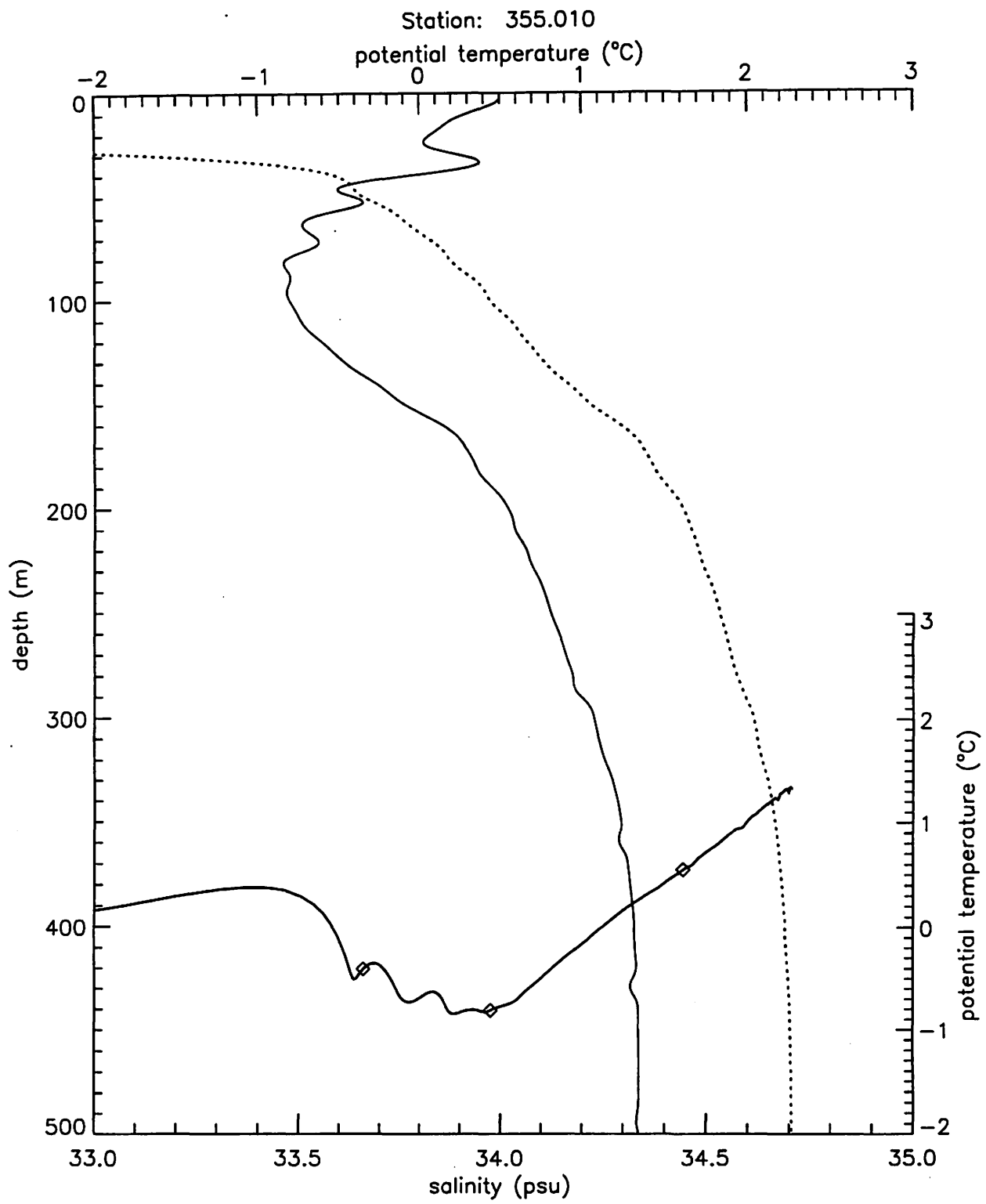
LTER 93a **Station:** 200.000 (904) **JulianDay:** 34 **GMT:** 1330
Latitude: 67° 46.40' S **Longitude:** 69° 56.35' W **Depth:** 683 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-0.479	-0.479	31.892	25.617	0.0048	7.18e-04
10	-0.166	-0.166	32.593	26.171	0.0153	8.51e-04
20	-0.281	-0.281	33.130	26.610	0.0309	1.96e-04
30	-0.219	-0.220	33.385	26.813	0.0441	1.99e-04
40	-0.479	-0.480	33.579	26.981	0.0555	1.08e-04
50	-0.604	-0.606	33.682	27.070	0.0657	8.58e-05
60	-0.730	-0.731	33.757	27.136	0.0751	4.03e-05
70	-0.860	-0.862	33.795	27.172	0.0841	3.34e-05
80	-1.110	-1.112	33.821	27.202	0.0928	2.28e-05
90	-1.340	-1.342	33.832	27.219	0.1012	1.72e-05
100	-1.464	-1.466	33.853	27.239	0.1095	2.12e-05
110	-1.528	-1.530	33.877	27.261	0.1175	1.96e-05
120	-1.528	-1.531	33.902	27.281	0.1254	2.24e-05
130	-1.433	-1.436	33.936	27.306	0.1330	2.25e-05
140	-1.269	-1.273	33.975	27.332	0.1404	2.94e-05
150	-1.280	-1.284	34.011	27.362	0.1475	2.58e-05
160	-1.087	-1.091	34.056	27.391	0.1543	2.92e-05
180	-0.657	-0.662	34.152	27.452	0.1672	3.72e-05
200	-0.251	-0.258	34.254	27.517	0.1789	2.30e-05
220	0.007	-0.001	34.327	27.563	0.1895	1.77e-05
240	0.295	0.285	34.405	27.610	0.1994	1.78e-05
260	0.641	0.630	34.483	27.654	0.2084	2.21e-05
280	0.816	0.803	34.535	27.684	0.2167	8.20e-06
300	1.062	1.048	34.584	27.708	0.2247	1.57e-05
320	1.211	1.195	34.628	27.733	0.2321	4.50e-06
340	1.222	1.206	34.642	27.744	0.2392	3.40e-06
360	1.306	1.288	34.657	27.750	0.2463	3.65e-06
380	1.332	1.313	34.666	27.755	0.2532	2.74e-06
400	1.351	1.331	34.676	27.762	0.2600	1.64e-06
420	1.321	1.300	34.680	27.768	0.2668	-2.43e-07
440	1.356	1.334	34.685	27.770	0.2735	2.56e-06
460	1.339	1.316	34.689	27.774	0.2801	1.46e-06
480	1.330	1.306	34.690	27.776	0.2867	3.77e-06
500	1.337	1.311	34.694	27.778	0.2932	-8.52e-06



LTER 93a	Station: 355.010 (907)	JulianDay: 35	GMT: 1423
	Latitude: 66° 43.23' S	Longitude: 67° 34.57' W	Depth: 617 m

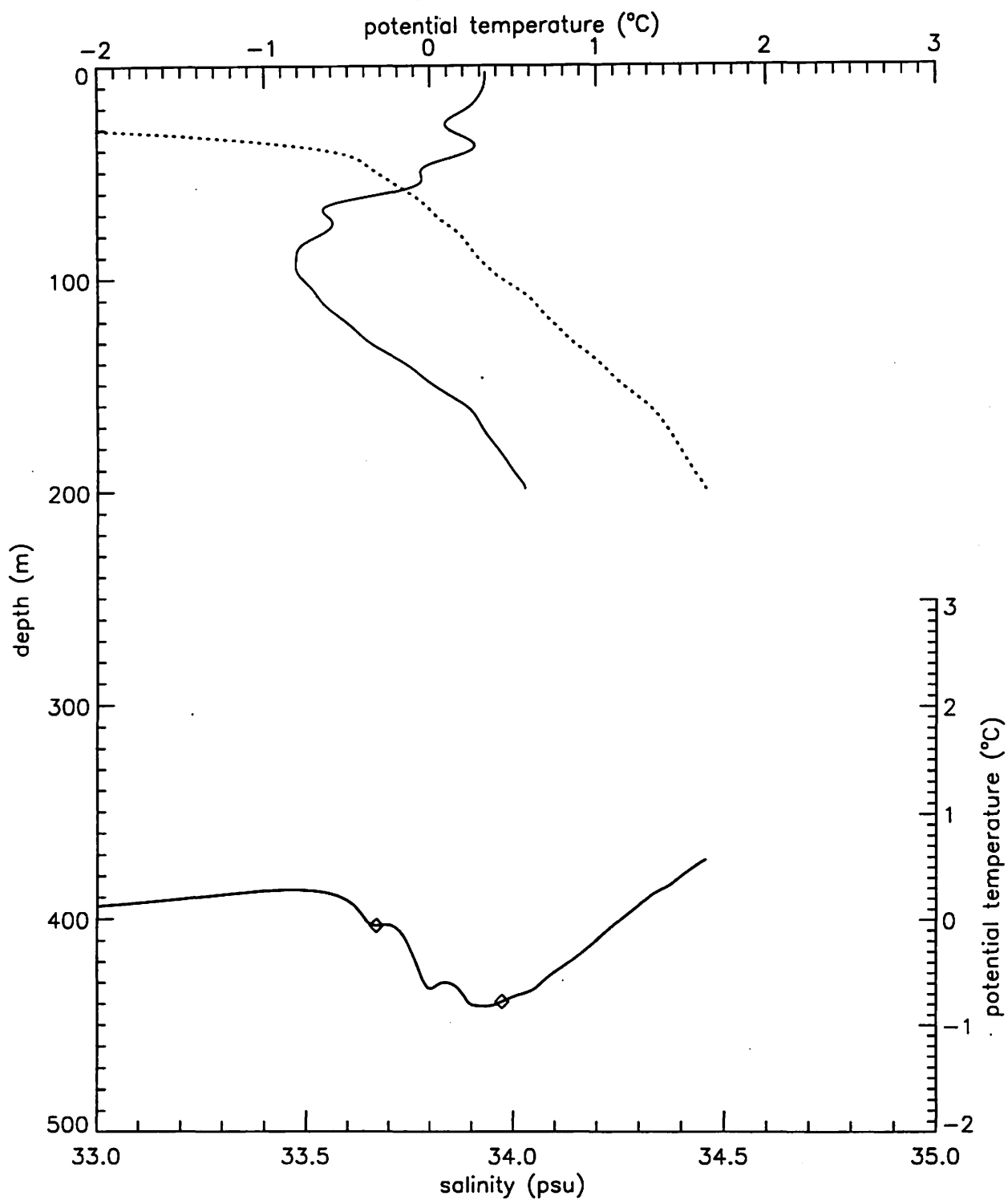
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.469	0.468	31.984	25.650	0.0047	8.01e-05
10	0.290	0.290	32.072	25.730	0.0161	1.49e-04
20	0.070	0.069	32.312	25.934	0.0379	4.26e-04
30	0.263	0.262	33.159	26.607	0.0554	5.81e-04
40	-0.084	-0.085	33.595	26.976	0.0675	1.69e-04
50	-0.405	-0.406	33.660	27.044	0.0778	6.10e-05
60	-0.686	-0.688	33.754	27.131	0.0874	6.85e-05
70	-0.629	-0.631	33.823	27.185	0.0964	5.21e-05
80	-0.829	-0.831	33.876	27.236	0.1048	4.35e-05
90	-0.799	-0.802	33.939	27.286	0.1128	4.45e-05
100	-0.801	-0.804	33.976	27.316	0.1204	2.89e-05
110	-0.730	-0.733	34.028	27.355	0.1276	3.21e-05
120	-0.600	-0.604	34.067	27.381	0.1346	2.61e-05
130	-0.455	-0.459	34.110	27.410	0.1413	2.87e-05
140	-0.259	-0.263	34.168	27.448	0.1477	3.73e-05
150	-0.084	-0.089	34.223	27.483	0.1537	3.71e-05
160	0.152	0.146	34.295	27.530	0.1594	4.15e-05
180	0.358	0.351	34.374	27.582	0.1697	1.82e-05
200	0.558	0.550	34.445	27.628	0.1792	1.46e-05
220	0.673	0.663	34.483	27.652	0.1881	7.95e-06
240	0.780	0.770	34.520	27.674	0.1965	9.41e-06
260	0.872	0.861	34.548	27.691	0.2046	7.47e-06
280	0.957	0.944	34.576	27.708	0.2125	1.28e-05
300	1.088	1.074	34.615	27.731	0.2199	6.74e-06
320	1.156	1.141	34.635	27.743	0.2271	7.29e-06
340	1.236	1.219	34.659	27.757	0.2340	4.19e-06
360	1.248	1.230	34.674	27.768	0.2407	2.13e-06
380	1.313	1.294	34.683	27.771	0.2474	2.07e-06
400	1.337	1.317	34.690	27.775	0.2539	1.09e-06
420	1.352	1.331	34.696	27.779	0.2605	4.62e-06
440	1.364	1.342	34.701	27.782	0.2669	-1.22e-07
460	1.367	1.343	34.704	27.784	0.2733	8.52e-07
480	1.368	1.343	34.705	27.785	0.2797	1.22e-07
500	1.368	1.343	34.706	27.786	0.2861	-1.83e-06



LTER 93a	Station: 355.010 (909)	JulianDay: 35	GMT: 1723
	Latitude: 66° 43.25' S	Longitude: 67° 34.67' W	Depth: 610 m

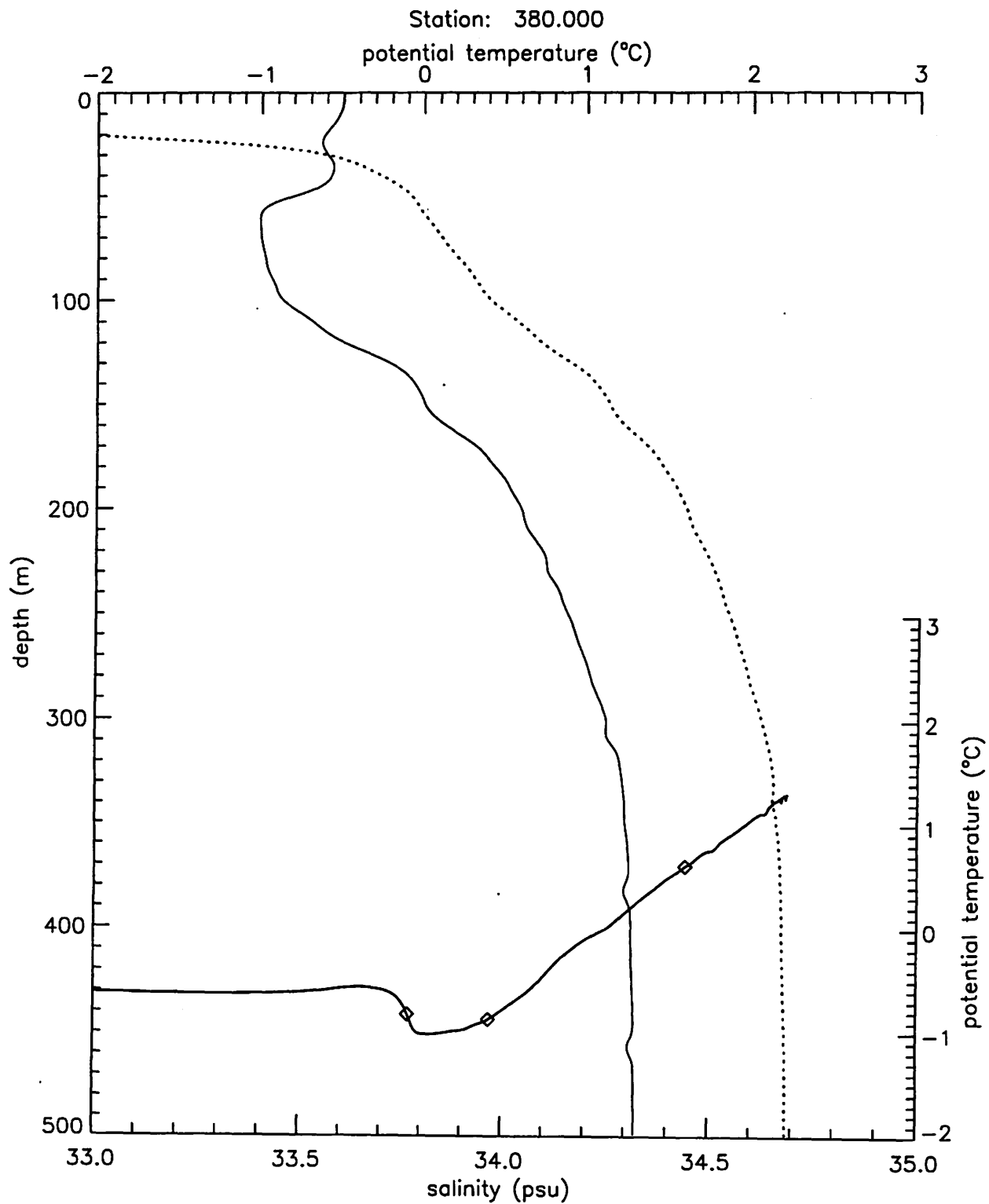
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.335	0.335	32.099	25.749	0.0045	0.00e+00
10	0.325	0.325	32.109	25.758	0.0156	5.56e-05
20	0.230	0.229	32.297	25.913	0.0373	3.10e-04
30	0.112	0.111	32.967	26.459	0.0559	5.97e-04
40	0.247	0.246	33.551	26.924	0.0689	2.43e-04
50	-0.057	-0.059	33.669	27.034	0.0795	6.41e-05
60	-0.275	-0.277	33.751	27.111	0.0893	8.36e-05
70	-0.626	-0.628	33.812	27.176	0.0983	4.57e-05
80	-0.687	-0.689	33.876	27.230	0.1068	4.79e-05
90	-0.807	-0.810	33.916	27.268	0.1149	3.67e-05
100	-0.769	-0.772	33.973	27.313	0.1226	5.10e-05
110	-0.661	-0.664	34.046	27.367	0.1298	3.78e-05
120	-0.510	-0.513	34.093	27.398	0.1366	3.32e-05
130	-0.358	-0.362	34.148	27.436	0.1431	3.93e-05
140	-0.142	-0.147	34.212	27.477	0.1493	3.22e-05
150	0.026	0.021	34.263	27.510	0.1550	3.58e-05
160	0.225	0.219	34.325	27.550	0.1605	3.23e-05
180	0.416	0.408	34.398	27.598	0.1705	1.89e-05

Station: 355.010



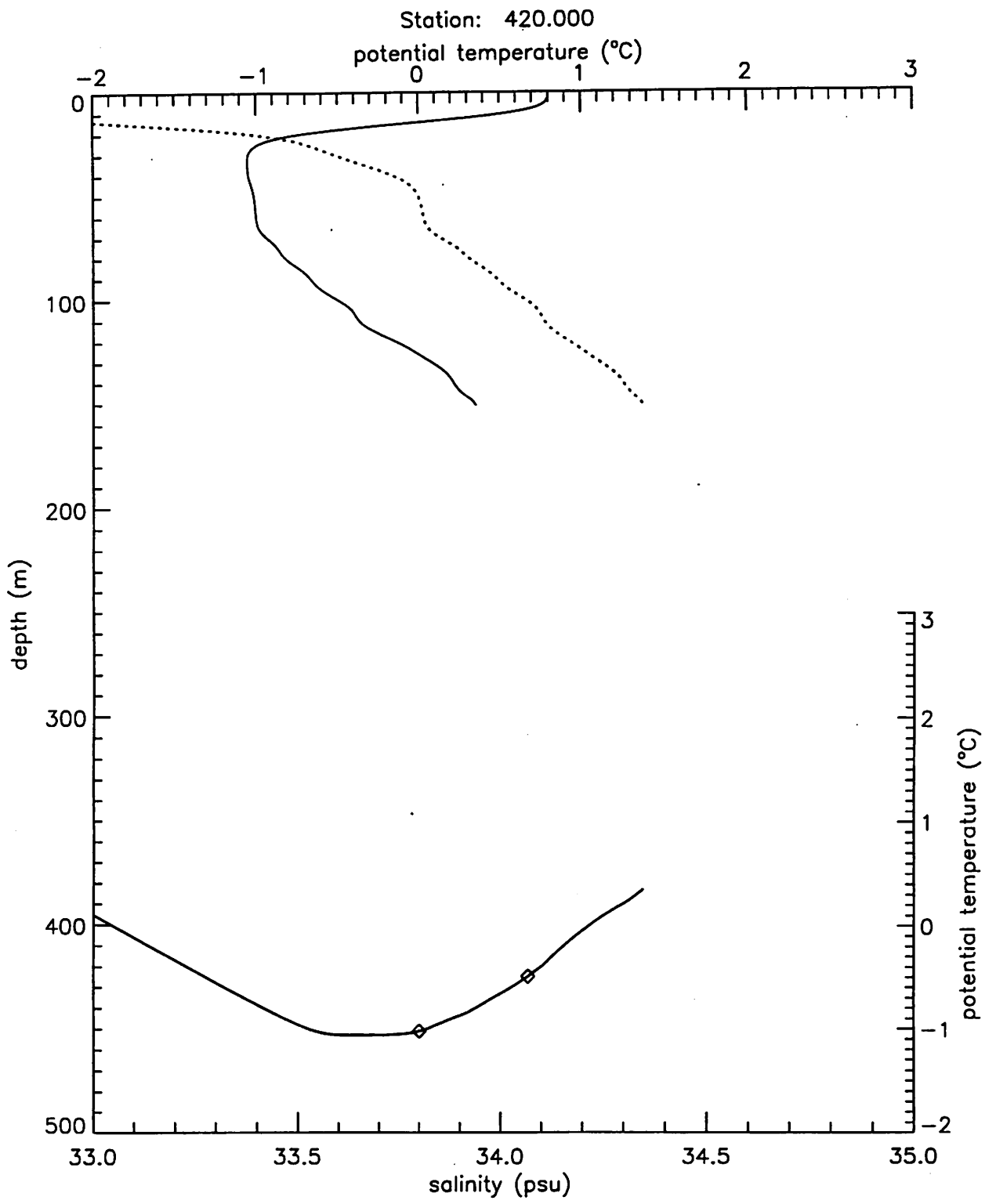
LTER 93a Station: 380.000 (912) JulianDay: 36 GMT: 0141
 Latitude: 66° 37.87' S Longitude: 67° 0.00' W Depth: 1109 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	-0.504	-0.504	32.634	26.218	0.0036	1.59e-05
10	-0.522	-0.523	32.655	26.236	0.0125	6.37e-05
20	-0.614	-0.614	32.963	26.489	0.0295	5.06e-04
30	-0.595	-0.596	33.564	26.974	0.0420	2.17e-04
40	-0.577	-0.578	33.694	27.078	0.0522	7.89e-05
50	-0.817	-0.819	33.769	27.149	0.0616	5.03e-05
60	-1.009	-1.011	33.806	27.186	0.0704	3.17e-05
70	-1.002	-1.004	33.845	27.217	0.0790	2.98e-05
80	-0.976	-0.978	33.887	27.251	0.0872	3.49e-05
90	-0.933	-0.935	33.928	27.282	0.0951	2.53e-05
100	-0.863	-0.866	33.969	27.313	0.1027	3.99e-05
110	-0.681	-0.684	34.036	27.360	0.1100	4.08e-05
120	-0.483	-0.487	34.095	27.399	0.1168	3.82e-05
130	-0.197	-0.202	34.169	27.445	0.1233	4.52e-05
140	-0.049	-0.054	34.227	27.485	0.1293	2.72e-05
150	0.015	0.010	34.257	27.506	0.1351	1.82e-05
160	0.149	0.143	34.296	27.531	0.1407	3.10e-05
180	0.453	0.446	34.388	27.588	0.1510	2.00e-05
200	0.614	0.606	34.444	27.623	0.1604	1.09e-05
220	0.750	0.740	34.490	27.652	0.1694	1.64e-05
240	0.853	0.842	34.529	27.677	0.1778	8.01e-06
260	0.953	0.941	34.564	27.699	0.1858	8.56e-06
280	1.043	1.030	34.593	27.716	0.1935	6.99e-06
300	1.140	1.125	34.625	27.735	0.2008	9.78e-06
320	1.222	1.207	34.649	27.749	0.2079	4.92e-06
340	1.257	1.240	34.654	27.751	0.2148	4.86e-06
360	1.280	1.262	34.668	27.761	0.2216	2.86e-06
380	1.261	1.242	34.673	27.766	0.2283	2.92e-06
400	1.305	1.285	34.676	27.766	0.2350	-1.82e-07
420	1.312	1.291	34.679	27.768	0.2417	1.09e-06
440	1.324	1.302	34.683	27.770	0.2484	5.48e-07
460	1.305	1.282	34.685	27.773	0.2551	-1.70e-06
480	1.332	1.308	34.686	27.772	0.2617	8.52e-07



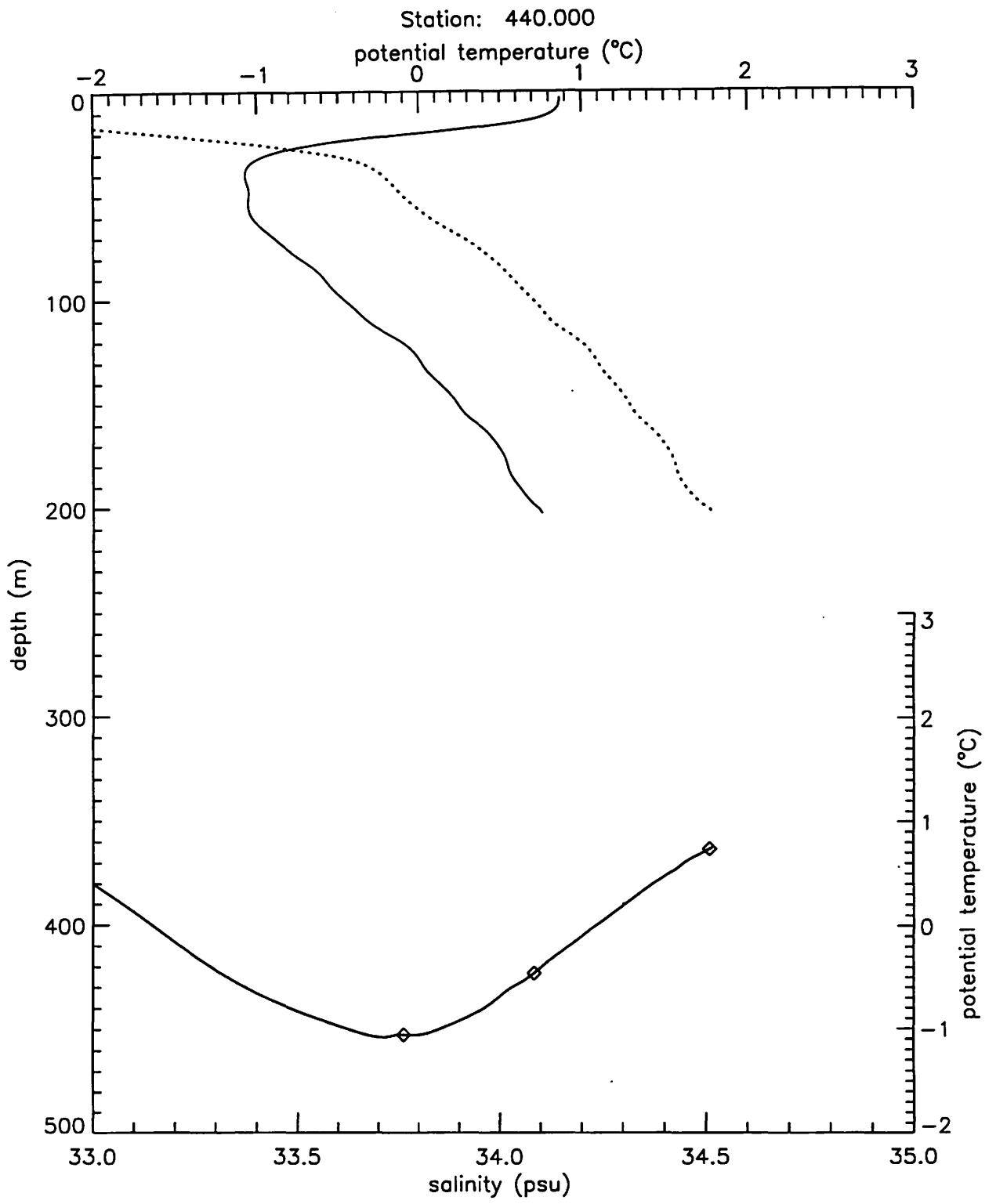
LTER 93a	Station: 420.000 (922)	JulianDay: 36	GMT: 1219
	Latitude: 66° 22.30' S	Longitude: 66° 22.92' W	Depth: 191 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.784	0.784	32.685	26.197	0.0036	4.77e-05
10	0.543	0.542	32.797	26.301	0.0125	3.70e-04
20	-0.761	-0.762	33.399	26.847	0.0270	3.65e-04
30	-1.051	-1.051	33.598	27.019	0.0379	1.14e-04
40	-1.045	-1.046	33.741	27.135	0.0476	8.55e-05
50	-1.012	-1.013	33.800	27.181	0.0565	1.88e-05
60	-0.998	-1.000	33.813	27.191	0.0652	1.24e-05
70	-0.925	-0.927	33.859	27.226	0.0737	5.40e-05
80	-0.813	-0.815	33.929	27.279	0.0817	4.66e-05
90	-0.660	-0.663	33.997	27.327	0.0893	4.11e-05
100	-0.488	-0.491	34.068	27.377	0.0964	4.53e-05
110	-0.361	-0.365	34.110	27.406	0.1032	2.42e-05
120	-0.126	-0.130	34.175	27.447	0.1096	4.68e-05
130	0.097	0.092	34.250	27.496	0.1156	4.49e-05
140	0.226	0.221	34.304	27.533	0.1212	2.58e-05
150	0.356	0.350	34.347	27.560	0.1265	1.03e-05



LTER 93a Station: 440.000 (924) JulianDay: 36 GMT: 1422
Latitude: 66° 14.39' S Longitude: 66° 4.84' W Depth: 240 m

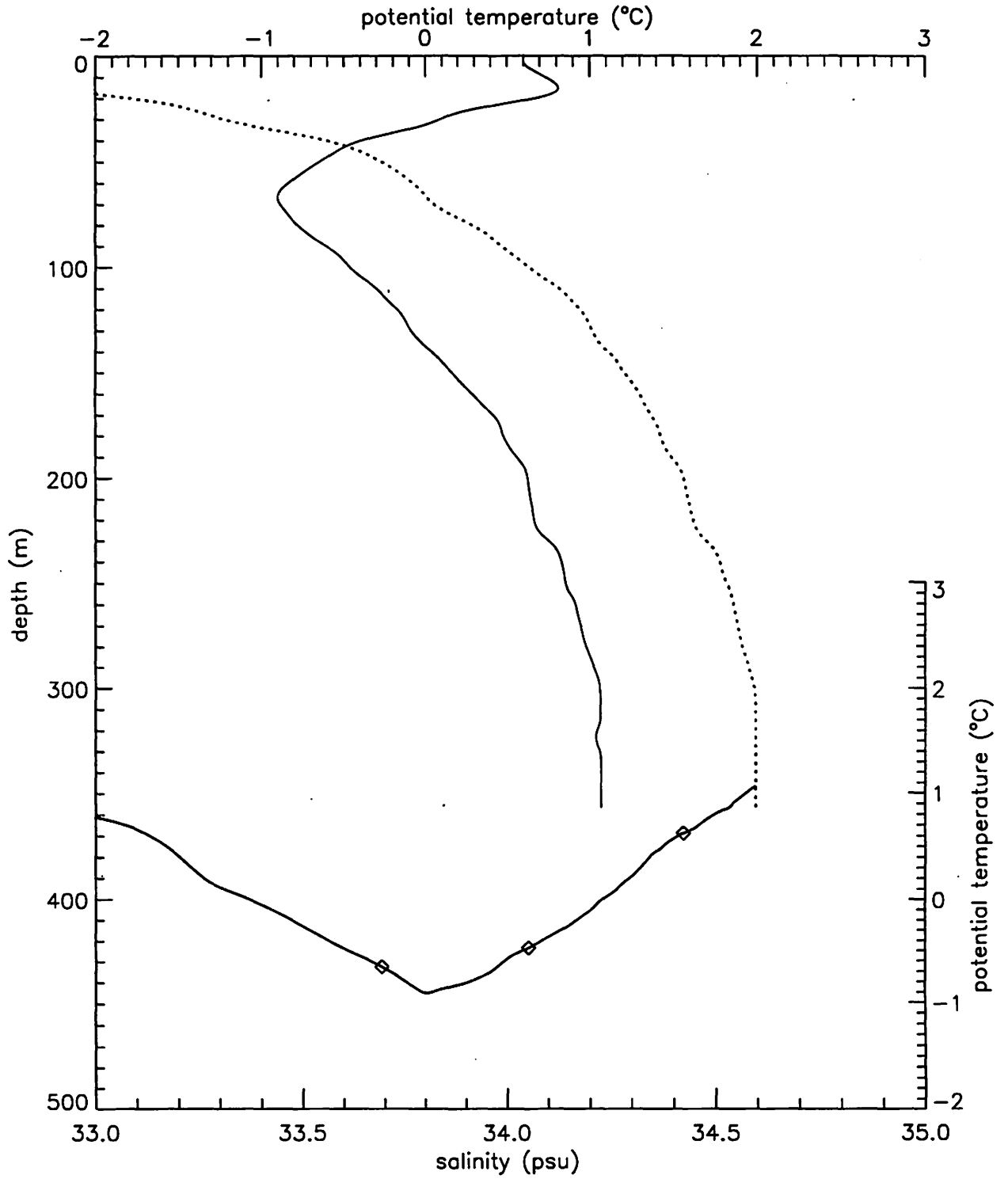
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.868	0.868	32.708	26.210	0.0036	1.05e-05
10	0.824	0.823	32.758	26.253	0.0125	1.80e-04
20	-0.045	-0.045	33.159	26.622	0.0286	4.26e-04
30	-0.934	-0.934	33.578	26.998	0.0407	2.29e-04
40	-1.070	-1.071	33.711	27.112	0.0505	5.32e-05
50	-1.047	-1.049	33.762	27.152	0.0597	4.29e-05
60	-1.025	-1.027	33.826	27.203	0.0684	5.40e-05
70	-0.890	-0.892	33.912	27.267	0.0767	5.95e-05
80	-0.729	-0.732	33.983	27.319	0.0843	4.03e-05
90	-0.580	-0.582	34.035	27.354	0.0916	3.23e-05
100	-0.457	-0.460	34.084	27.388	0.0985	3.01e-05
110	-0.312	-0.316	34.129	27.418	0.1051	3.59e-05
120	-0.098	-0.103	34.201	27.466	0.1114	3.84e-05
130	0.024	0.019	34.241	27.492	0.1173	2.12e-05
140	0.142	0.137	34.281	27.519	0.1230	2.56e-05
150	0.249	0.243	34.317	27.542	0.1285	2.08e-05
160	0.384	0.377	34.362	27.570	0.1337	3.09e-05
180	0.557	0.549	34.428	27.614	0.1433	1.09e-05
200	0.750	0.741	34.509	27.667	0.1523	3.44e-05



LTER 93a	Station: 470.000 (928)	JulianDay: 36	GMT: 1924
	Latitude: 66° 4.41' S	Longitude: 65° 37.70' W	Depth: 368 m

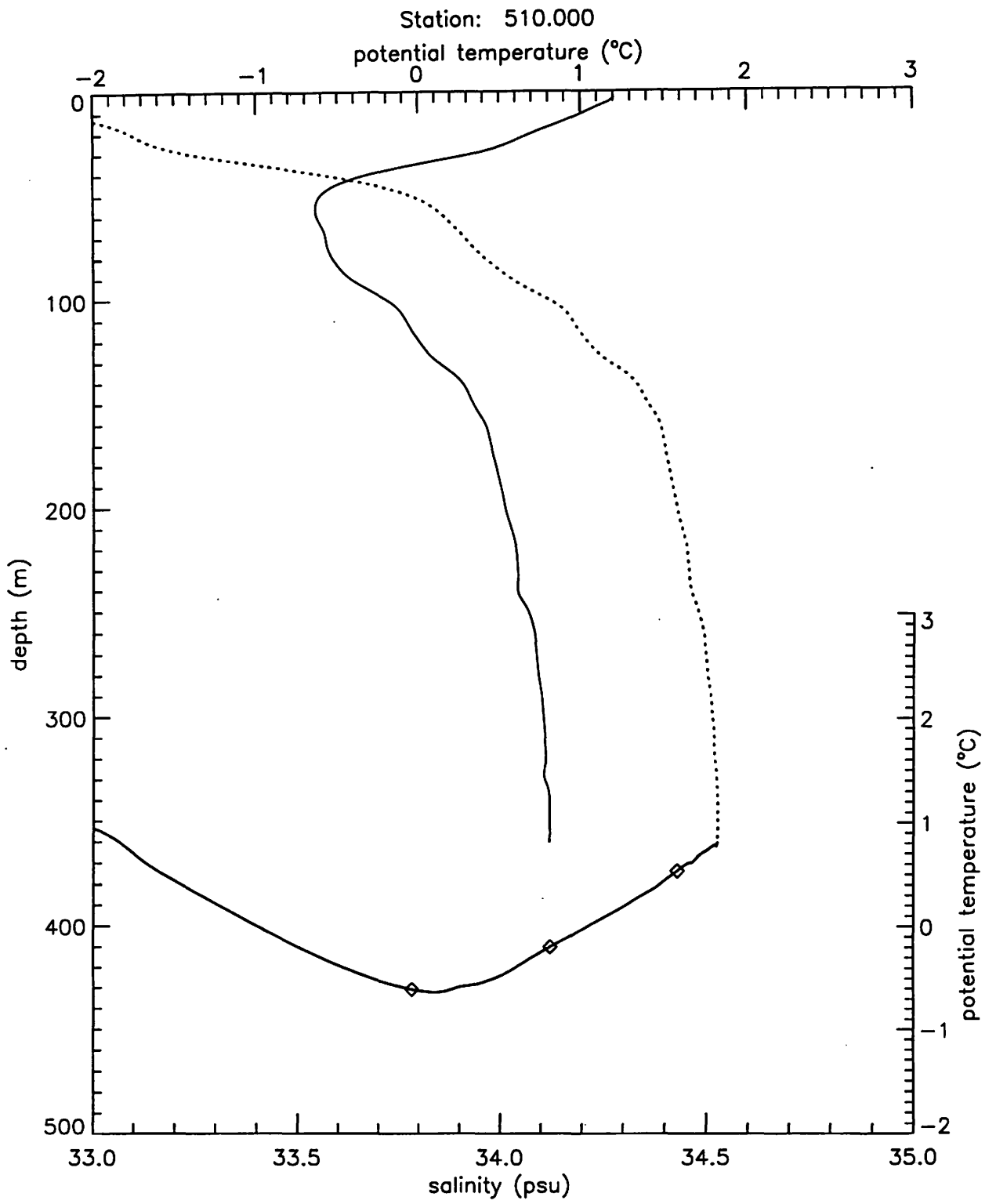
Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.620	0.620	32.212	25.825	0.0044	4.57e-04
10	0.731	0.730	32.605	26.136	0.0144	5.00e-04
20	0.683	0.683	33.088	26.527	0.0312	3.01e-04
30	0.098	0.097	33.309	26.736	0.0450	1.80e-04
40	-0.384	-0.385	33.557	26.959	0.0569	1.81e-04
50	-0.644	-0.646	33.692	27.080	0.0671	8.31e-05
60	-0.833	-0.835	33.769	27.149	0.0765	5.41e-05
70	-0.883	-0.885	33.821	27.193	0.0853	5.08e-05
80	-0.779	-0.781	33.914	27.265	0.0936	6.61e-05
90	-0.605	-0.608	33.987	27.317	0.1012	4.20e-05
100	-0.462	-0.465	34.052	27.363	0.1085	4.59e-05
110	-0.300	-0.304	34.125	27.415	0.1152	4.35e-05
120	-0.174	-0.178	34.175	27.449	0.1216	2.68e-05
130	-0.087	-0.092	34.205	27.469	0.1277	1.47e-05
140	0.038	0.033	34.242	27.493	0.1336	2.90e-05
150	0.166	0.161	34.282	27.518	0.1393	2.07e-05
160	0.289	0.283	34.318	27.540	0.1447	1.60e-05
180	0.484	0.476	34.369	27.570	0.1551	1.13e-05
200	0.632	0.624	34.424	27.606	0.1650	1.12e-05
220	0.673	0.664	34.447	27.622	0.1744	9.59e-06
240	0.839	0.829	34.510	27.663	0.1833	1.18e-05
260	0.925	0.913	34.543	27.684	0.1915	5.28e-06
280	0.991	0.978	34.564	27.697	0.1995	6.92e-06
300	1.075	1.061	34.593	27.714	0.2073	4.37e-06
320	1.060	1.045	34.595	27.717	0.2148	1.88e-06
340	1.082	1.066	34.596	27.716	0.2224	0.00e+00

Station: 470.000



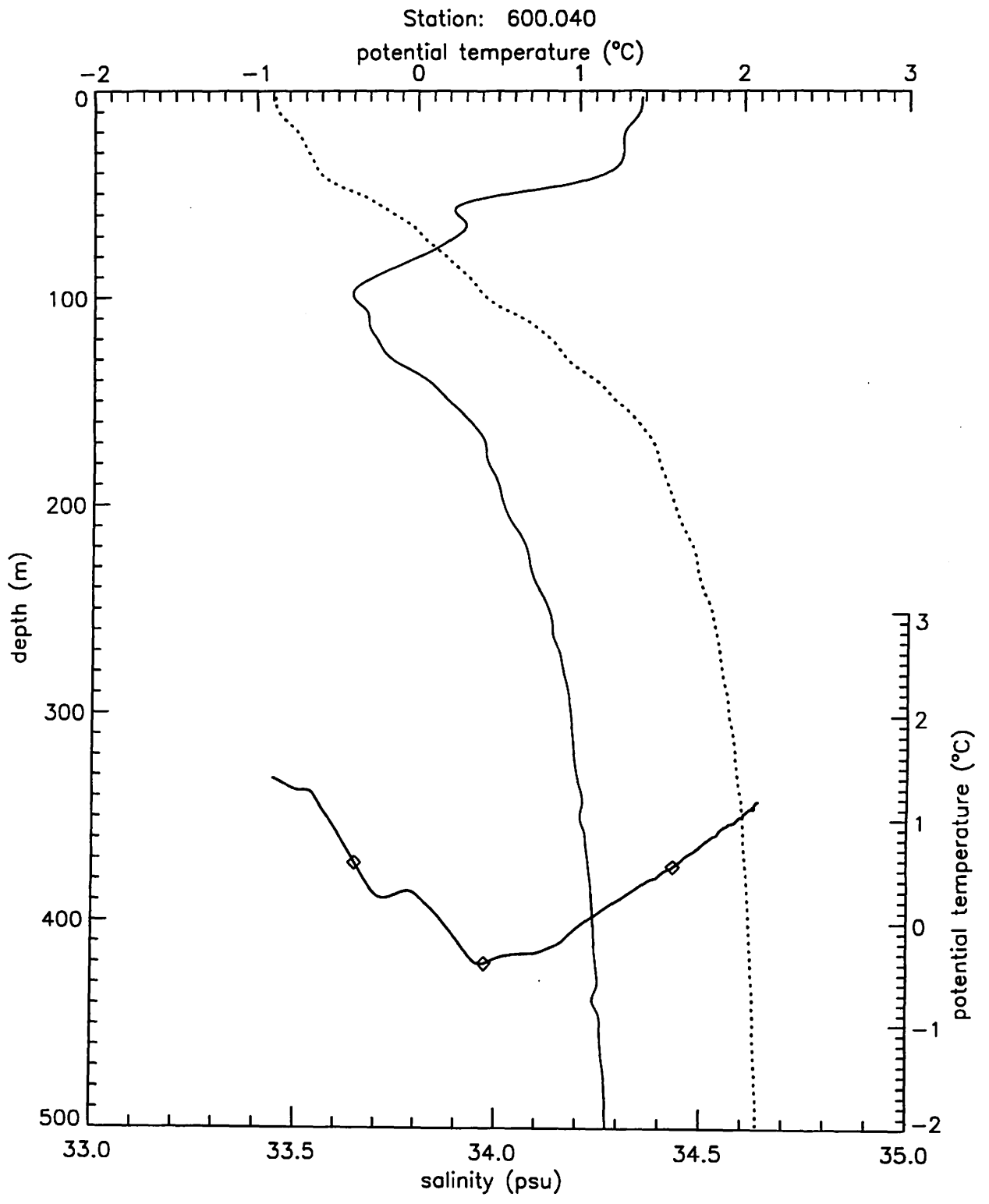
LTER 93a	Station: 510.000 (936)	JulianDay: 37	GMT: 1319
	Latitude: 65° 46.51' S	Longitude: 65° 2.46' W	Depth: 353 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.176	1.175	32.843	26.300	0.0034	9.75e-05
10	1.028	1.027	32.936	26.384	0.0118	1.66e-04
20	0.704	0.703	33.096	26.532	0.0273	1.05e-04
30	0.331	0.330	33.246	26.674	0.0417	2.31e-04
40	-0.326	-0.327	33.569	26.966	0.0539	2.47e-04
50	-0.610	-0.611	33.782	27.151	0.0637	1.11e-04
60	-0.627	-0.628	33.865	27.219	0.0723	4.34e-05
70	-0.573	-0.575	33.915	27.257	0.0805	3.51e-05
80	-0.527	-0.530	33.966	27.297	0.0884	4.33e-05
90	-0.409	-0.412	34.033	27.345	0.0958	5.17e-05
100	-0.194	-0.197	34.123	27.408	0.1027	5.61e-05
110	-0.076	-0.079	34.179	27.447	0.1091	2.39e-05
120	0.008	0.004	34.215	27.472	0.1152	2.83e-05
130	0.132	0.127	34.272	27.512	0.1210	4.71e-05
140	0.282	0.276	34.335	27.554	0.1264	2.48e-05
150	0.346	0.340	34.363	27.573	0.1315	1.93e-05
160	0.419	0.413	34.390	27.591	0.1365	9.95e-06
180	0.485	0.477	34.411	27.604	0.1461	5.95e-06
200	0.541	0.533	34.431	27.617	0.1555	5.95e-06
220	0.609	0.600	34.455	27.632	0.1647	5.04e-06
240	0.620	0.609	34.466	27.640	0.1736	8.68e-06
260	0.723	0.712	34.495	27.658	0.1824	4.92e-06
280	0.749	0.737	34.505	27.664	0.1909	3.52e-06
300	0.778	0.765	34.515	27.671	0.1992	2.55e-06
320	0.795	0.780	34.521	27.675	0.2075	4.31e-06
340	0.817	0.801	34.528	27.678	0.2158	4.25e-07
360	0.819	0.803	34.528	27.679	0.2240	0.00e+00



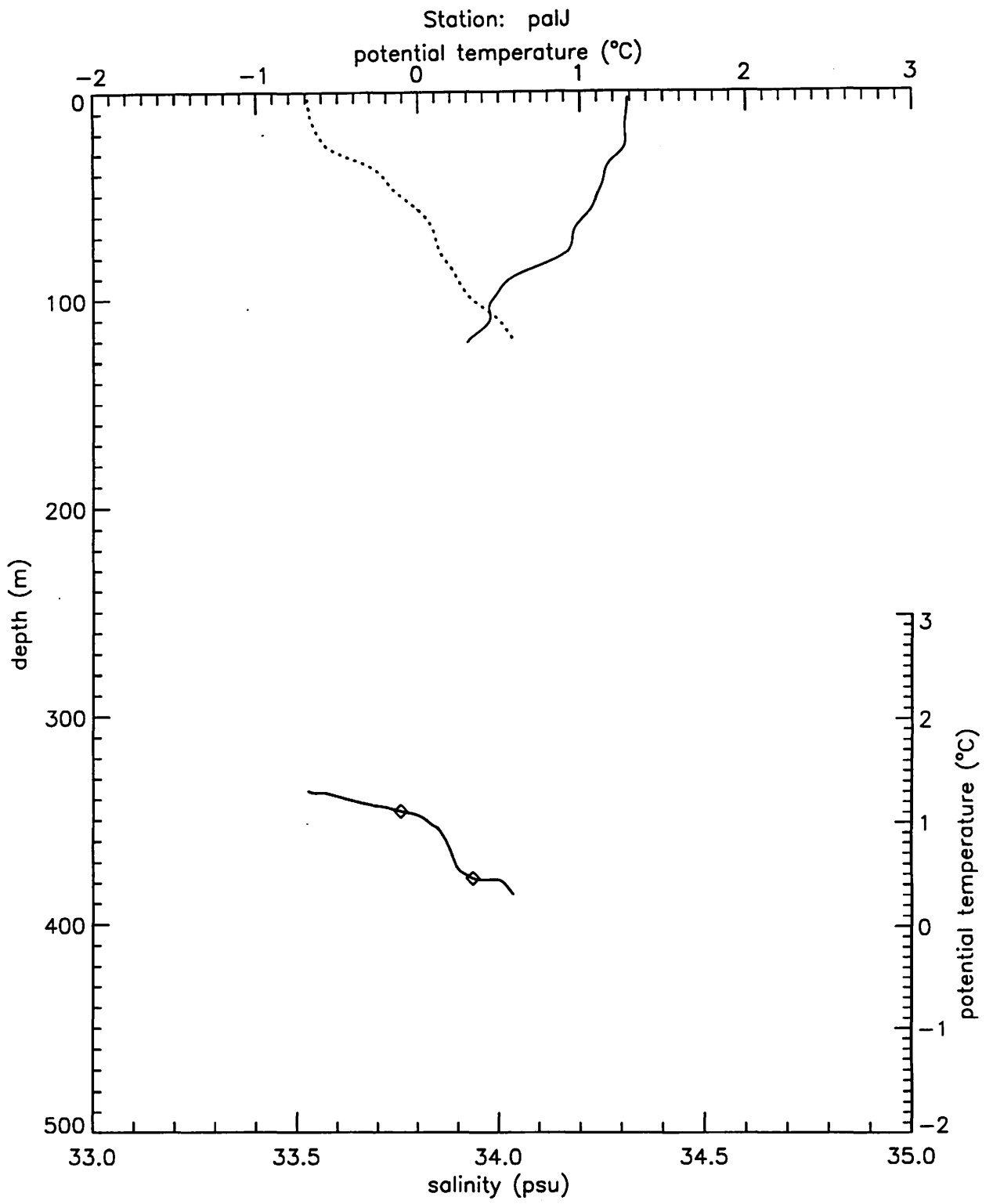
LTER 93a Station: 600.040 (947) JulianDay: 37 GMT: 2001
Latitude: 64° 56.03' S Longitude: 64° 23.80' W Depth: 1323 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.376	1.376	33.445	26.771	0.0025	2.02e-07
10	1.365	1.364	33.451	26.776	0.0088	2.54e-05
20	1.274	1.273	33.498	26.820	0.0213	3.38e-05
30	1.265	1.264	33.526	26.843	0.0333	2.22e-05
40	1.160	1.158	33.554	26.872	0.0452	5.74e-05
50	0.563	0.561	33.648	26.985	0.0564	1.24e-04
60	0.245	0.243	33.741	27.078	0.0665	6.33e-05
70	0.237	0.234	33.810	27.134	0.0760	5.24e-05
80	-0.001	-0.004	33.870	27.194	0.0849	6.06e-05
90	-0.288	-0.291	33.927	27.254	0.0932	4.96e-05
100	-0.400	-0.403	33.973	27.296	0.1011	4.89e-05
110	-0.306	-0.309	34.066	27.367	0.1084	6.57e-05
120	-0.253	-0.257	34.131	27.417	0.1151	3.65e-05
130	-0.150	-0.155	34.173	27.446	0.1215	3.18e-05
140	0.074	0.068	34.244	27.492	0.1275	3.89e-05
150	0.206	0.201	34.294	27.525	0.1332	3.42e-05
160	0.339	0.333	34.345	27.559	0.1385	2.80e-05
180	0.450	0.443	34.397	27.595	0.1485	9.77e-06
200	0.548	0.540	34.434	27.619	0.1579	1.09e-05
220	0.688	0.679	34.480	27.647	0.1669	1.06e-05
240	0.770	0.759	34.504	27.662	0.1756	1.17e-05
260	0.853	0.842	34.535	27.682	0.1838	6.44e-06
280	0.928	0.915	34.551	27.690	0.1919	5.47e-06
300	0.973	0.959	34.567	27.700	0.1998	4.62e-06
320	0.996	0.981	34.583	27.711	0.2075	2.13e-06
340	1.048	1.032	34.597	27.719	0.2150	5.41e-06
360	1.071	1.054	34.604	27.723	0.2225	1.82e-07
380	1.101	1.083	34.612	27.728	0.2299	2.13e-06
400	1.120	1.101	34.617	27.731	0.2372	1.82e-06
420	1.138	1.117	34.623	27.735	0.2445	4.26e-07
440	1.132	1.110	34.628	27.739	0.2517	-1.83e-06
460	1.174	1.152	34.630	27.738	0.2589	9.73e-07
480	1.201	1.177	34.636	27.741	0.2662	1.76e-06
500	1.209	1.184	34.638	27.742	0.2734	-6.09e-07



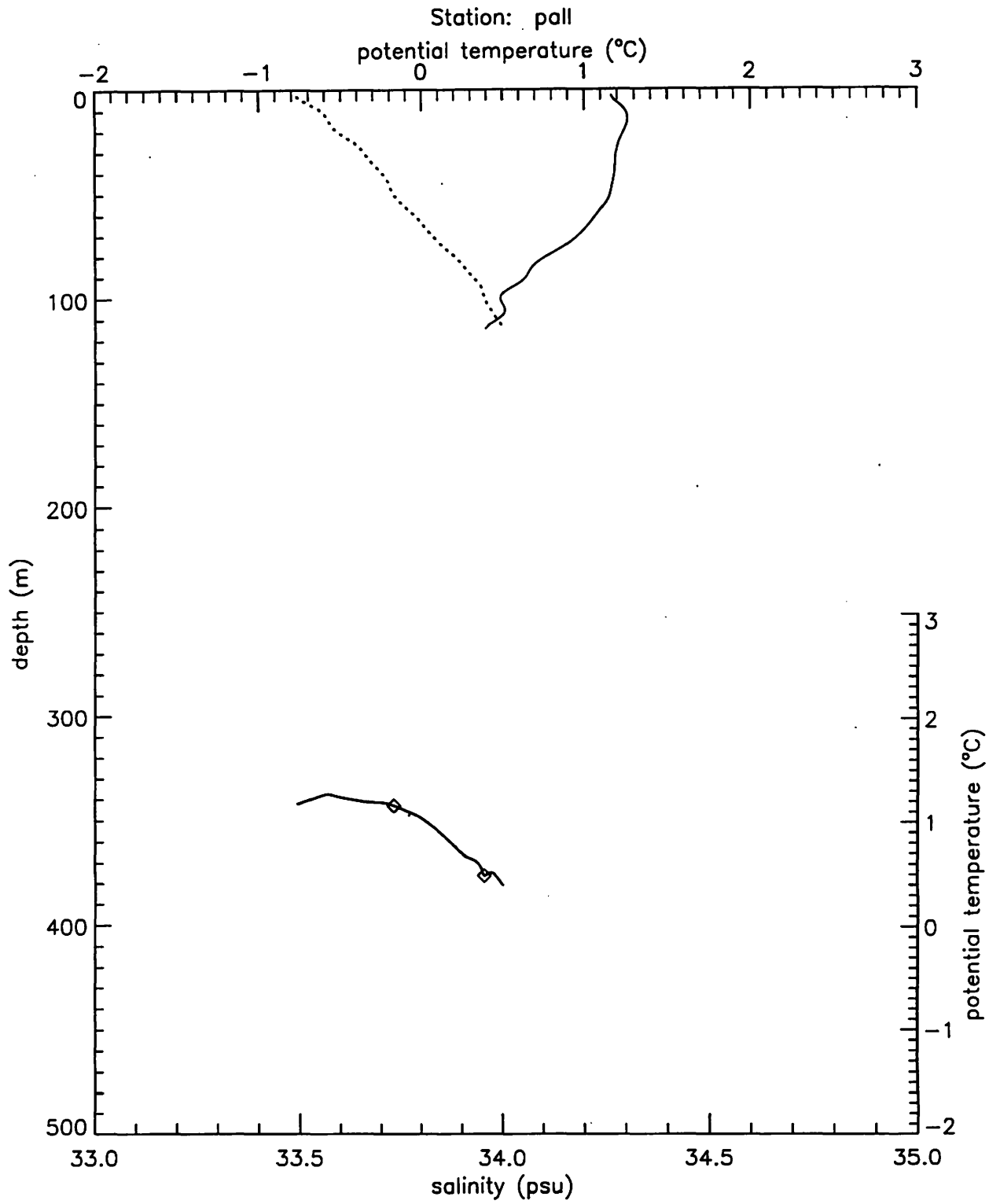
LTER 93a	Station: palJ (951)	JulianDay: 38	GMT: 1102
	Latitude: 64° 46.09' S	Longitude: 64° 8.02' W	Depth: 119 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.286	1.286	33.527	26.842	0.0024	3.23e-06
10	1.281	1.281	33.530	26.845	0.0084	8.65e-06
20	1.272	1.271	33.550	26.862	0.0203	2.32e-05
30	1.229	1.227	33.609	26.912	0.0319	8.88e-05
40	1.145	1.144	33.710	26.999	0.0427	4.58e-05
50	1.101	1.099	33.756	27.038	0.0530	4.98e-05
60	1.025	1.022	33.816	27.092	0.0629	4.15e-05
70	0.954	0.951	33.842	27.117	0.0724	1.37e-05
80	0.853	0.850	33.864	27.142	0.0816	4.12e-05
90	0.564	0.560	33.897	27.186	0.0906	3.46e-05
100	0.459	0.456	33.936	27.223	0.0991	4.85e-05
110	0.442	0.438	34.002	27.277	0.1072	4.35e-05
120	0.307	0.303	34.036	27.312	0.1149	2.00e-05



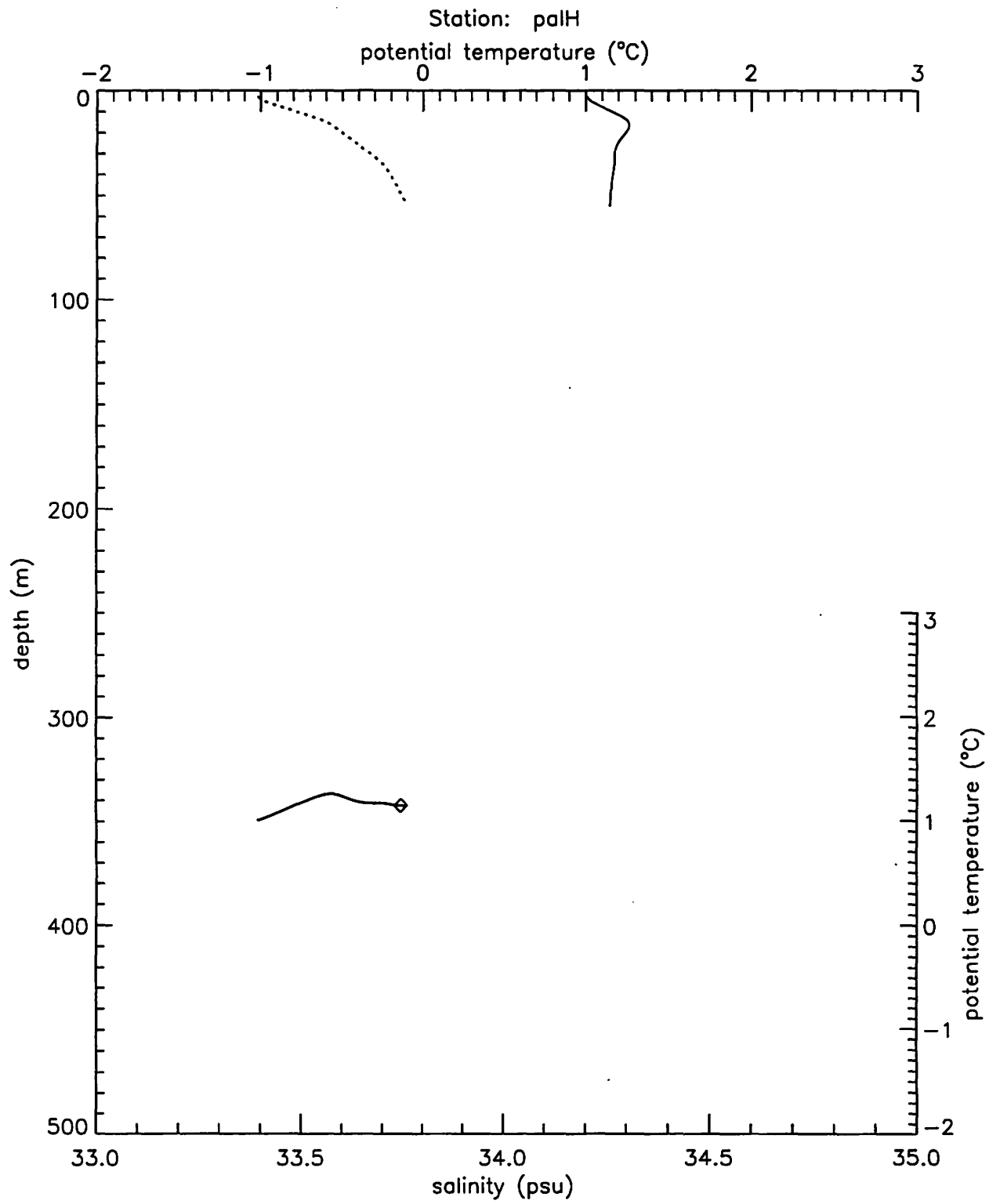
LTER 93a	Station:	palI (952)	JulianDay:	38	GMT:	1154
	Latitude:	64° 46.51' S	Longitude:	64° 7.99' W	Depth:	137 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.180	1.180	33.504	26.831	0.0024	5.48e-05
10	1.247	1.246	33.552	26.865	0.0084	4.66e-05
20	1.239	1.238	33.592	26.898	0.0200	4.99e-05
30	1.193	1.191	33.659	26.955	0.0311	3.85e-05
40	1.184	1.182	33.704	26.992	0.0419	3.21e-05
50	1.156	1.153	33.731	27.015	0.0523	2.94e-05
60	1.073	1.071	33.783	27.062	0.0625	4.64e-05
70	0.962	0.959	33.827	27.105	0.0722	4.64e-05
80	0.767	0.764	33.883	27.162	0.0814	5.28e-05
90	0.643	0.639	33.929	27.206	0.0901	4.13e-05
100	0.490	0.486	33.955	27.237	0.0985	1.89e-05
110	0.464	0.460	33.988	27.264	0.1066	3.62e-05



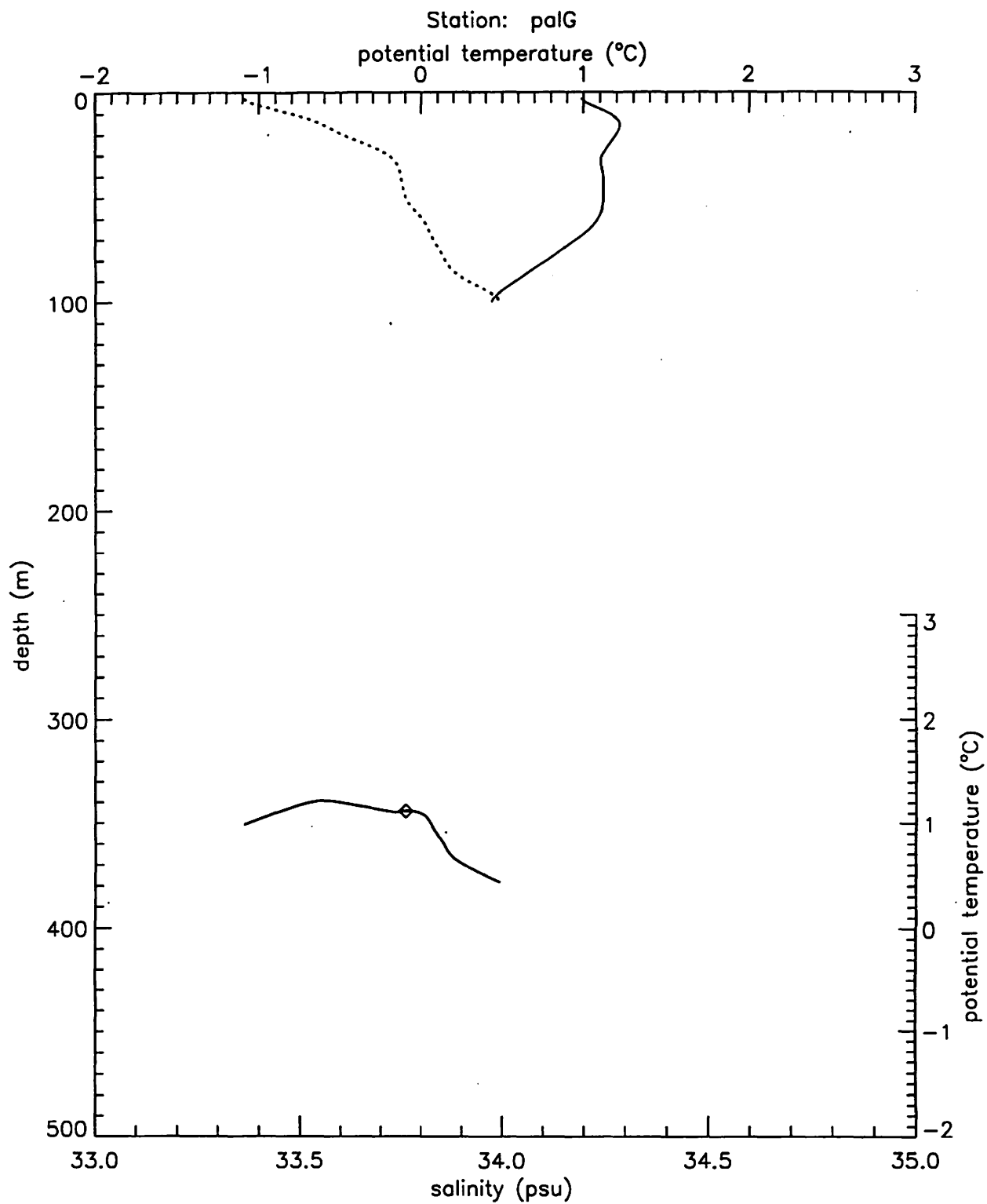
LTER 93a	Station: palH (953)	JulianDay: 38	GMT: 1239
	Latitude: 64° 47.32' S	Longitude: 64° 7.60' W	Depth: 81 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.029	1.029	33.407	26.763	0.0026	6.61e-05
10	1.156	1.156	33.486	26.818	0.0088	1.03e-04
20	1.246	1.245	33.599	26.903	0.0205	6.12e-05
30	1.178	1.177	33.669	26.964	0.0317	5.31e-05
40	1.167	1.166	33.718	27.004	0.0423	2.68e-05
50	1.155	1.153	33.746	27.028	0.0526	2.07e-05



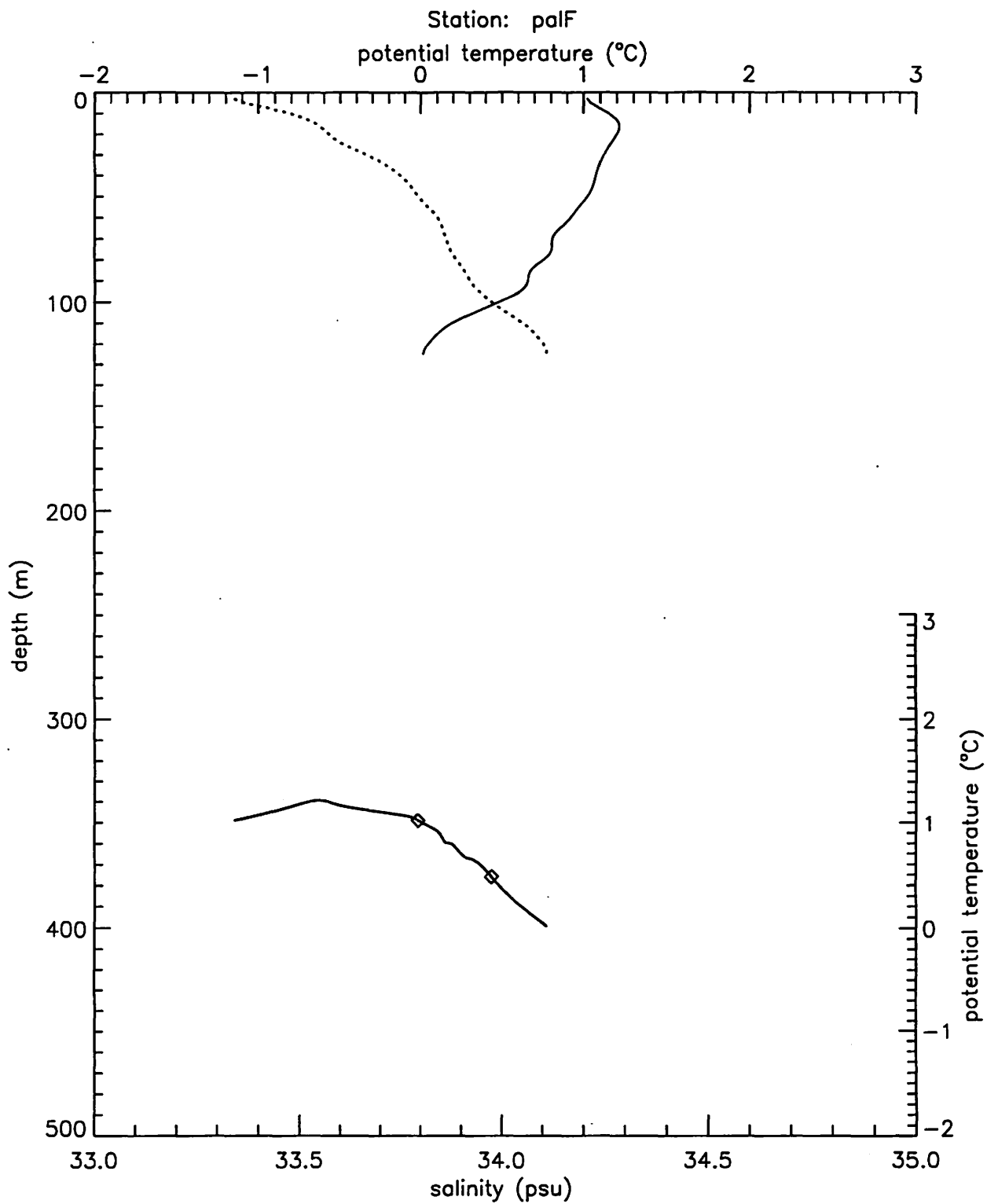
LTER 93a Station: palG (954) JulianDay: 38 GMT: 1332
Latitude: 64° 48.16' S Longitude: 64° 6.05' W Depth: 114 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.015	1.015	33.383	26.744	0.0026	8.91e-05
10	1.151	1.151	33.479	26.813	0.0089	1.19e-04
20	1.199	1.198	33.604	26.910	0.0206	9.15e-05
30	1.116	1.115	33.720	27.009	0.0315	6.18e-05
40	1.121	1.120	33.749	27.032	0.0417	8.53e-06
50	1.120	1.118	33.761	27.042	0.0519	1.88e-05
60	1.094	1.091	33.802	27.076	0.0618	3.50e-05
70	0.961	0.958	33.829	27.107	0.0714	3.17e-05
80	0.782	0.779	33.859	27.142	0.0807	3.80e-05
90	0.590	0.587	33.915	27.198	0.0897	7.76e-05
100	0.442	0.438	33.995	27.271	0.0979	2.61e-05



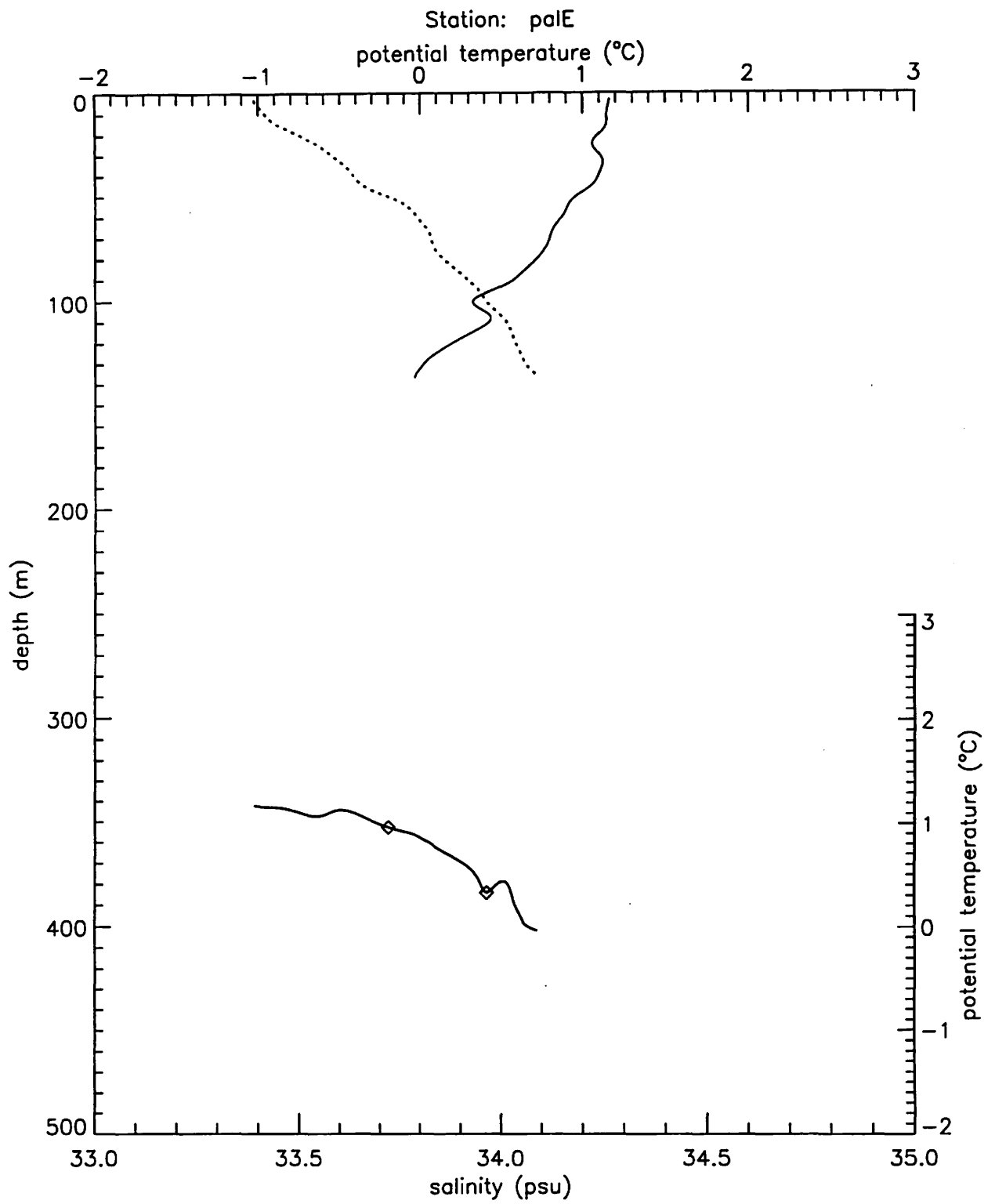
LTER 93a	Station: palF (955)	JulianDay: 38	GMT: 1409
	Latitude: 64° 48.47' S	Longitude: 64° 4.37' W	Depth: 88 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.042	1.042	33.366	26.729	0.0026	1.21e-04
10	1.150	1.150	33.475	26.810	0.0089	1.24e-04
20	1.201	1.200	33.572	26.884	0.0208	5.60e-05
30	1.124	1.122	33.666	26.965	0.0321	8.68e-05
40	1.077	1.075	33.749	27.035	0.0425	4.81e-05
50	1.027	1.025	33.793	27.073	0.0525	3.93e-05
60	0.927	0.924	33.841	27.118	0.0620	3.40e-05
70	0.813	0.810	33.862	27.142	0.0713	1.82e-05
80	0.764	0.761	33.887	27.166	0.0803	3.39e-05
90	0.664	0.660	33.921	27.199	0.0891	3.27e-05
100	0.490	0.486	33.975	27.252	0.0974	7.00e-05
110	0.198	0.194	34.052	27.331	0.1052	6.51e-05
120	0.051	0.046	34.101	27.378	0.1122	2.89e-05



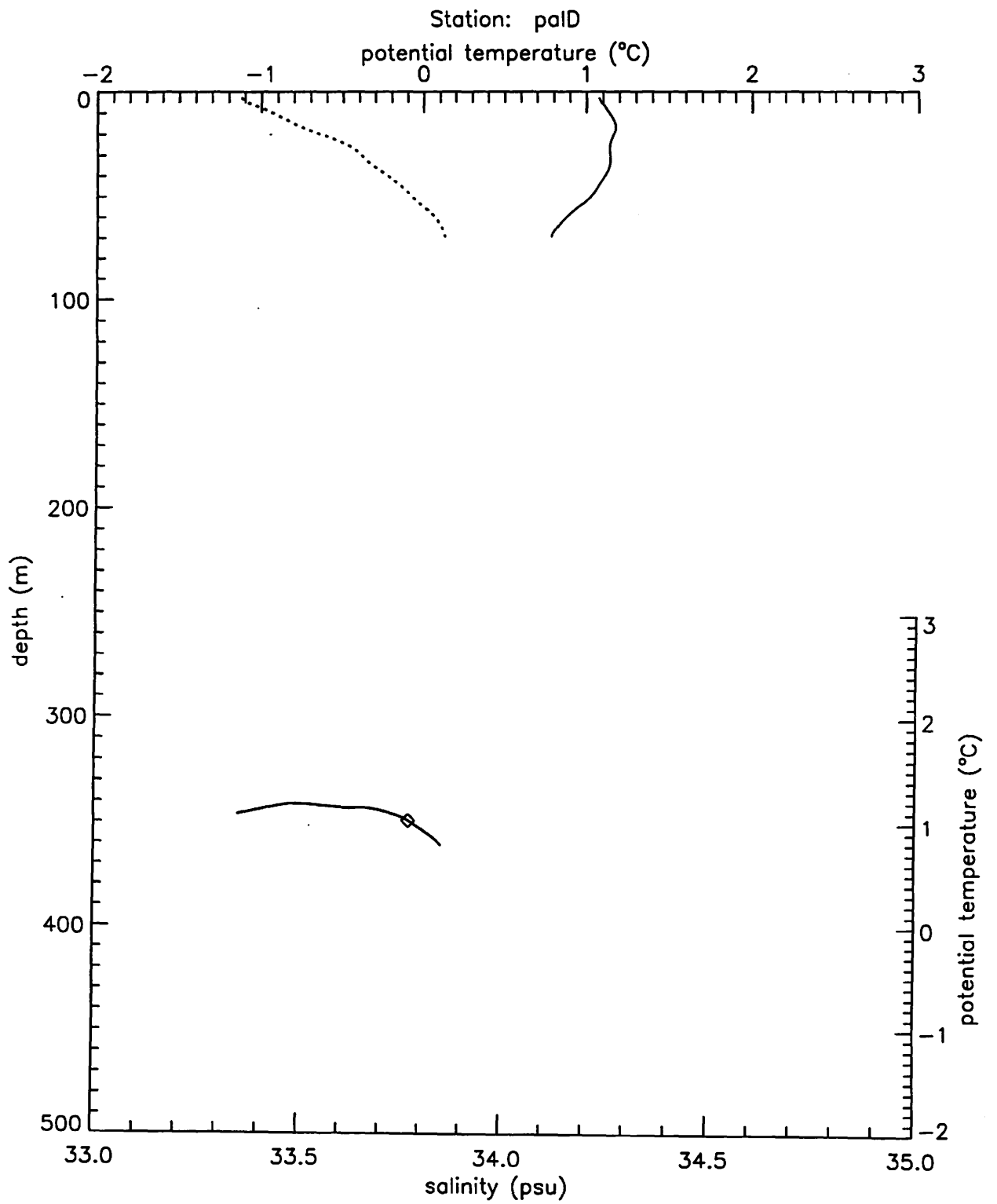
LTER 93a	Station: pale (956)	JulianDay: 38	GMT: 1507
	Latitude: 64° 58.97' S	Longitude: 64° 2.38' W	Depth: 108 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.158	1.158	33.395	26.745	0.0026	2.74e-05
10	1.145	1.145	33.417	26.763	0.0090	4.12e-05
20	1.095	1.095	33.499	26.832	0.0214	8.17e-05
30	1.106	1.105	33.581	26.898	0.0332	4.73e-05
40	1.097	1.095	33.634	26.941	0.0444	4.24e-05
50	0.957	0.955	33.720	27.019	0.0551	9.25e-05
60	0.872	0.870	33.792	27.083	0.0651	3.98e-05
70	0.801	0.798	33.826	27.114	0.0746	1.95e-05
80	0.718	0.715	33.858	27.145	0.0839	5.00e-05
90	0.574	0.571	33.919	27.203	0.0927	5.58e-05
100	0.328	0.324	33.964	27.253	0.1010	3.62e-05
110	0.421	0.417	34.014	27.288	0.1089	3.32e-05
120	0.188	0.183	34.036	27.318	0.1165	3.01e-05
130	0.018	0.013	34.061	27.348	0.1238	3.33e-05



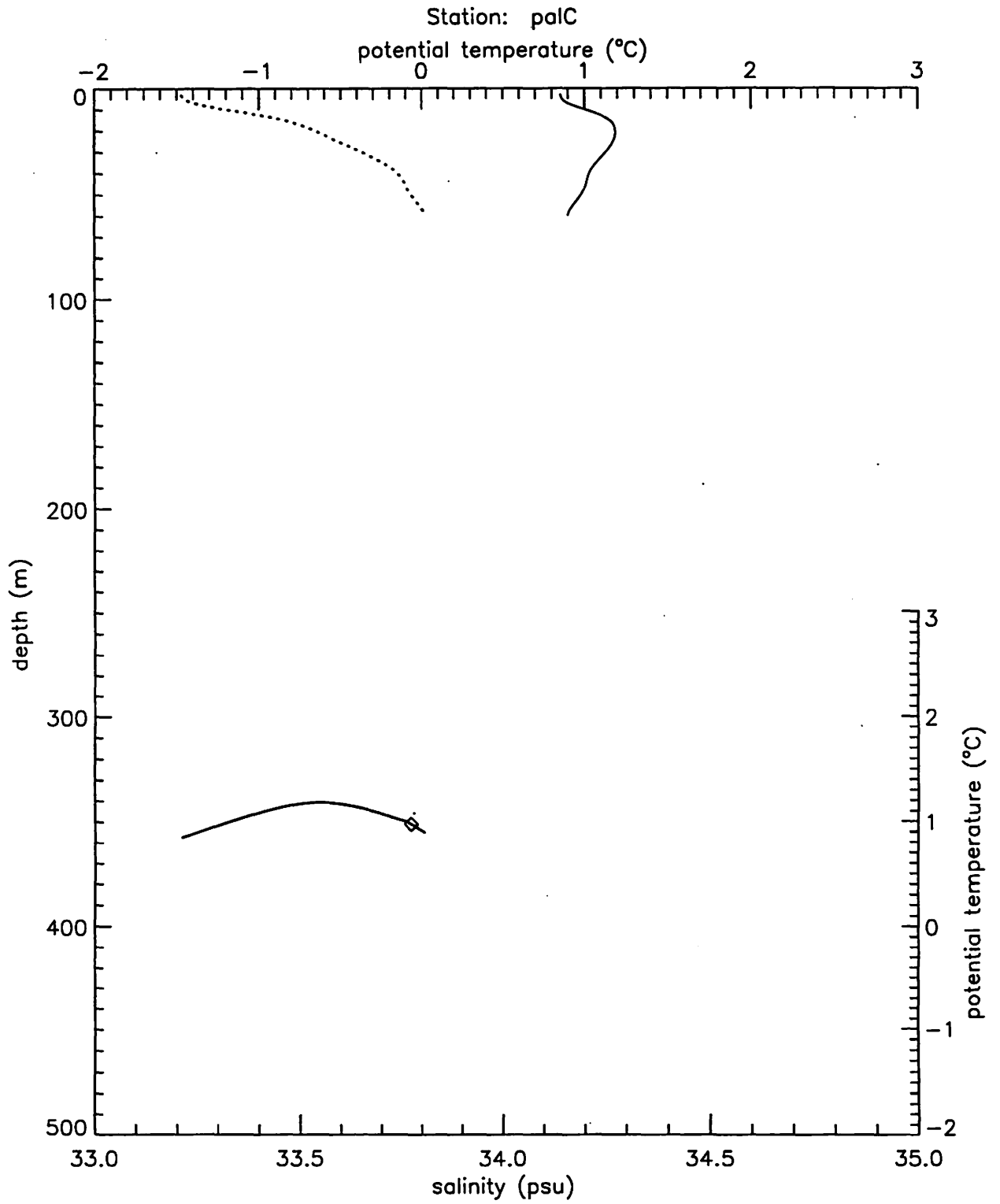
LTER 93a	Station: palD (957)	JulianDay: 38	GMT: 1613
	Latitude: 64° 48.47' S	Longitude: 64° 3.05' W	Depth: 74 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	1.088	1.088	33.364	26.725	0.0026	6.45e-05
10	1.139	1.139	33.427	26.772	0.0091	8.21e-05
20	1.167	1.166	33.542	26.863	0.0213	1.03e-04
30	1.145	1.143	33.645	26.947	0.0326	5.13e-05
40	1.111	1.110	33.711	27.002	0.0434	5.94e-05
50	1.023	1.021	33.771	27.056	0.0536	5.20e-05
60	0.875	0.872	33.828	27.111	0.0632	4.20e-05



LTER 93a	Station: palC (958)	JulianDay: 38	GMT: 1650
	Latitude: 64° 47.31' S	Longitude: 64° 4.35' W	Depth: 47 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.862	0.862	33.218	26.621	0.0028	3.99e-05
10	0.995	0.994	33.319	26.694	0.0097	1.70e-04
20	1.187	1.186	33.537	26.857	0.0222	1.00e-04
30	1.134	1.133	33.651	26.952	0.0336	9.22e-05
40	1.032	1.030	33.740	27.030	0.0441	4.65e-05
50	0.985	0.983	33.773	27.060	0.0542	3.18e-05
60	0.902	0.900	33.807	27.092	0.0639	1.88e-05



LTER 93a	Station: palB (959)	JulianDay: 38	GMT: 1727
	Latitude: 64° 46.80' S	Longitude: 64° 4.33' W	Depth: 80 m

Depth	Temp	Ptemp	Salinity	Sigma0	DynHt	N ²
5	0.892	0.891	33.155	26.568	0.0029	6.75e-05
10	0.998	0.998	33.275	26.659	0.0100	2.16e-04
20	1.179	1.179	33.554	26.871	0.0226	1.14e-04
30	1.132	1.131	33.647	26.949	0.0339	6.63e-05
40	1.090	1.088	33.713	27.005	0.0446	3.79e-05
50	1.031	1.029	33.753	27.041	0.0548	4.29e-05
60	0.892	0.890	33.791	27.080	0.0647	2.32e-05

