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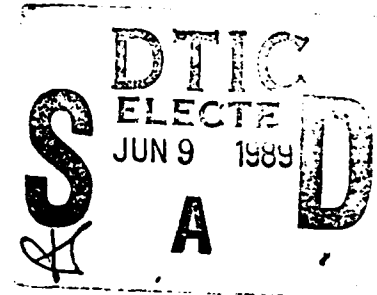
**Expendable Dissipation Profiler (XDP) Data
from the
Mediterranean Out-Flow Experiment:
R/V Oceanus Cruise 202 Leg V**

*Jean Lynch
Rolf Lueck*

May 1989

Reference 89-1

Technical Report 92



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*XDP Data:
Mediterranean Out-Flow Plume*

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by

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Technical Report
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Abstract

Between the 21st and the 28th of September 1988, a total of 61 Expendable Dissipation Profilers (XDPs) were released from the *R/V Oceanus* on cruise 220 Leg V over the continental slope in the Gulf of Cadiz and in the Strait of Gibraltar. The profiles were made to obtain data on the rate of dissipation of turbulent kinetic energy from *in situ* measurements of the vertical shear of horizontal velocity, $\partial u / \partial z$, over wavenumbers of 4 to 120 cpm. This report describes the instrumentation used, discusses the data acquisition and processing methods, and presents the processed data. The data can be used, with data of mean vertical shear measured concurrently by T. Sanford, to estimate the Reynolds stress in the Mediterranean Out-Flow Plume.

Keywords: Oceanography, Dissolved oxygen, Mediterranean Out-Flow Plume, Reynolds stress, vertical profile, rate of dissipation.



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1. Introduction

This report summarizes all of the data obtained with Expendable Dissipation Profilers (XDPs) deployed in the Gulf of Cadiz and in the Strait of Gibraltar from *R/V Oceanus* during cruise 202 (leg V) in the Mediterranean Out-Flow Experiment. The objectives of this cruise were to survey the plume of Mediterranean water emanating from the Strait of Gibraltar by measuring (i) salinity, temperature and dissolved oxygen (CTD-O₂), (ii) large vertical-scale horizontal velocity (XCP), and (iii) the rate of dissipation of kinetic energy (XDP). These data are to be used to make zeroth order estimates of the balance of forces in this gravity driven current over the continental slope in the Gulf of Cadiz.

The data were taken in three phases. In the first phase, data were taken near the western end of the Strait of Gibraltar — sites 1 through 9 in figure 1 — to investigate the tidal dependence of the plume and to delineate its lateral boundaries. In the second phase, profiles were made on sections nominally orthogonal to the direction of flow in the plume — sections A through F in figure 2. In the last phase, a section was made along the axis of the Strait of Gibraltar from a position near the "Rock" to a point on section A west of the strait — section I in figure 2. The time, position, and probe number of each profile is listed in appendix A. All XDP profiles were accompanied, within less than 2 minutes, by XCP (Expendable Current Profiler) profiles. The deployment position of these two profilers were typically separated by 200 m. CTD-O₂ profiles were also made at all XDP stations, but these profiles were usually started about 30 minutes before the XDP profiles.



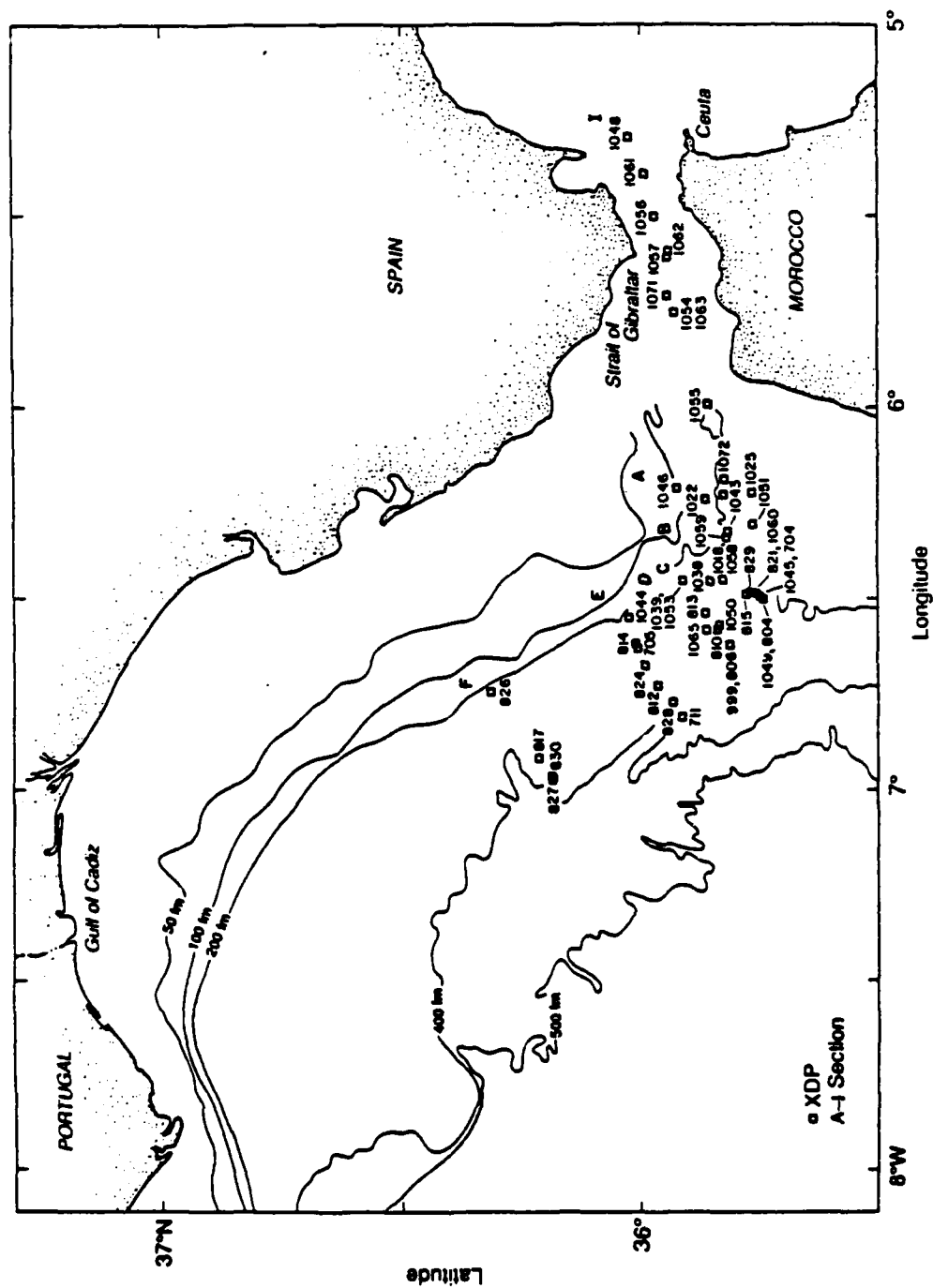


Figure 2. Position of XDP deployments for Sections A-F and I. Courtesy of M. Kennelly, APL-UW.

2. Instrumentation

The XDP is an expendable vertical profiler that measures one component of vertical shear over wavenumbers of 2 to 120 cpm, and measures temperature with a spatial resolution of about 1 m. Horizontal velocity, relative to the falling instrument, is sensed by an airfoil probe (Osborn and Crawford, 1980), and temperature is sensed with a thermistor of the type found on conventional XBTs manufactured by Sippican. Electronic circuits in the XDP produce a signal proportional to $\partial u / \partial t$ which is interpreted as $\partial u / \partial z$ using the known fall speed of the instrument.

Two versions of the XDP, which differ mainly in their mechanical aspects, were used during this cruise. The first version is the one that has been used previously (Lueck and Osborn, 1985) — see figure 3 — and is identified by serial number larger than 1000. This instrument carries sufficient wire to reach 500 m and falls at a typical rate of 2.75 m s^{-1} . The other version of the XDP used in the Gulf of Cadiz was designed to reach depths of 1500 m. To accommodate the extra length of expendable wire required to reach this depth, the body was lengthened and spools normally used on XCPs were mounted, in vibration damping foam, at the rear of the instrument — see figure 4. Because the shear signals were expected to be extremely large, the gain of the electronics associated with the airfoil probes was reduced by a factor of 10 compared to the conventional XDP. The deep versions of the XDP are identified by serial numbers smaller than 1000.

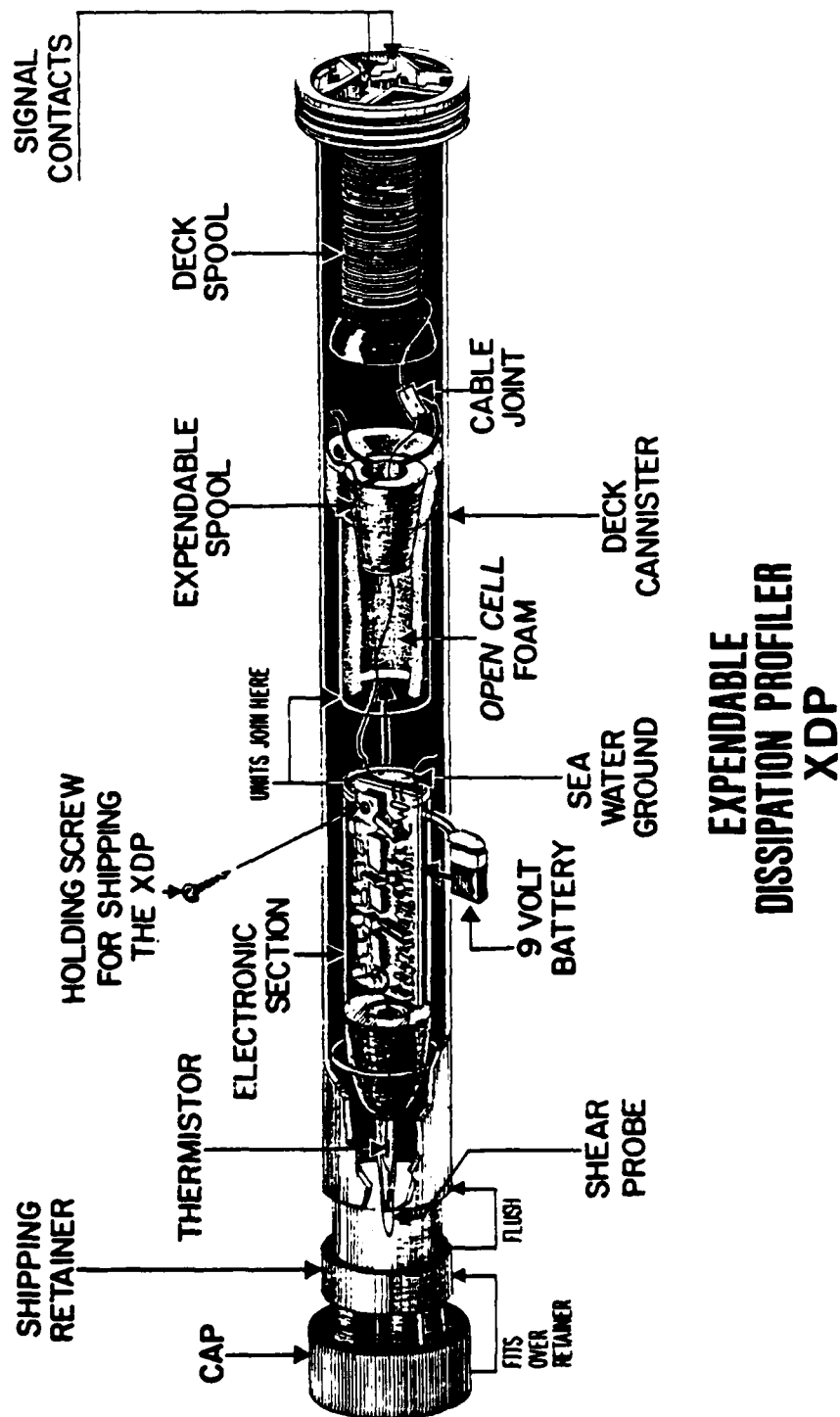


Figure 3. Conventional XDP, serial numbers larger than 1000.

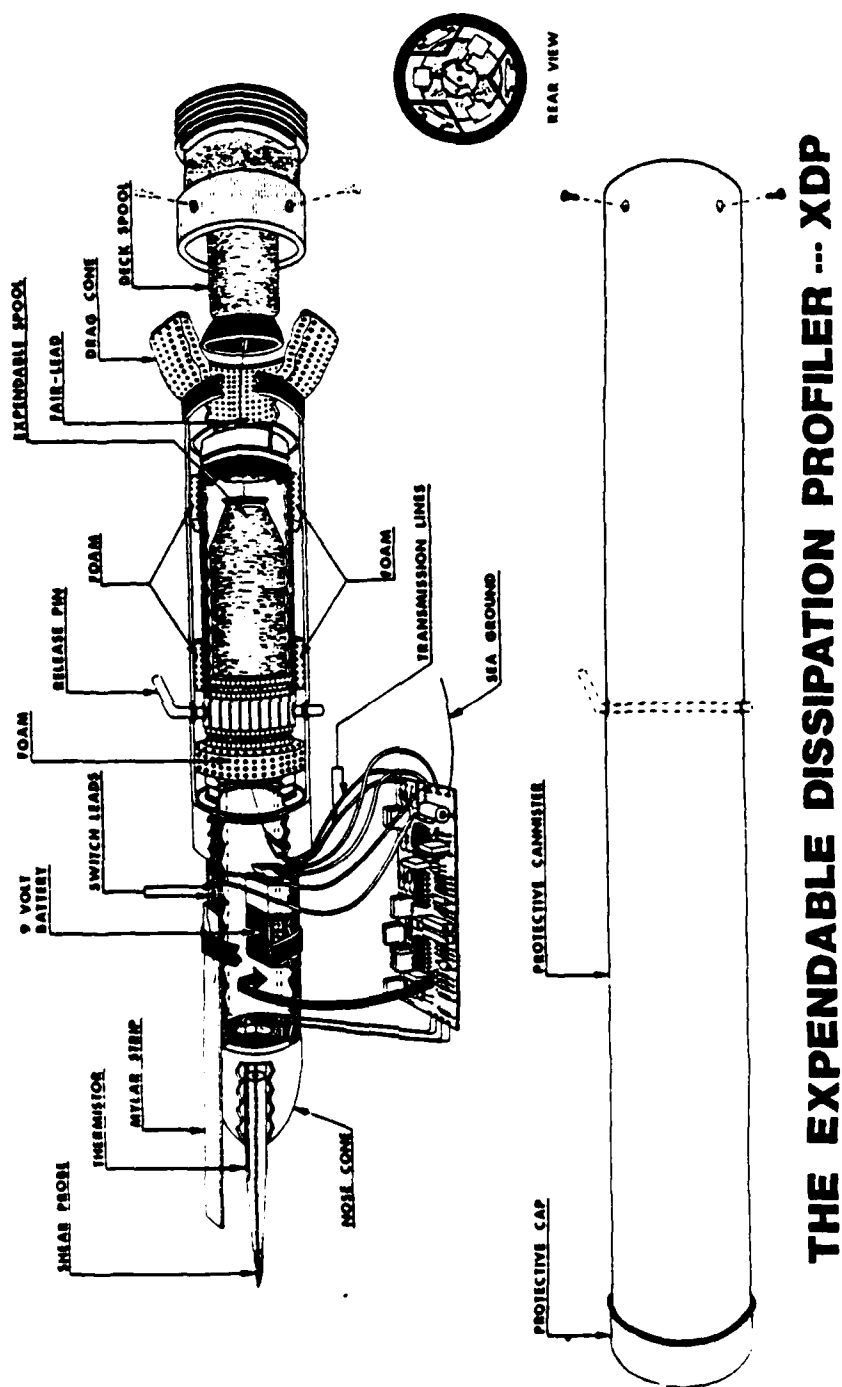


Figure 4. Deep (1500 m) version of the XDP, serial number smaller than 1000.

3. Instrument Calibration

All of the airfoil sensors used on the deep version of the XDP were calibrated in a vertical water jet following the method described in Osborn and Crawford (1980). The sensors used on the conventional XDPs were not calibrated in a water jet. Instead, each probe was rotated around a horizontal axis in air and the rms output voltage was noted. This is an unconventional calibration method and requires some explanation. The signal voltage produced by an airfoil probe is proportional to the component of force directed orthogonal to the axis of the probe. (See Osborn and Crawford, 1980 for a detailed explanation.) In a flow with a small angle of attack, the orthogonal force is produced by the integrated pressure distribution over the surface of the probe. The piezo-ceramic element in the probe converts this force into a voltage expressed by

$$V_u = 2\sqrt{2}WSu$$

where W is the mean velocity along the axis of the probe, u the velocity component orthogonal to the axis, an S is the calibrated sensitivity and is nominally equal to $0.2 \text{ volts per } (\text{m s}^{-1})^2$ in fresh water. The sensitivity S depends on the shape, size and stiffness of the material used to form the airfoil, and on the mechanical-to-electrical energy conversion efficiency of the piezo-ceramic element inside of the airfoil. Only the last factor varies to any significant degree in a manufactured lot of probes. Rotating a probe produces a sinusoidal transverse force proportional to the weight of the probe, and since this weight is very uniform among the probes, the output rms output voltage is proportional to the mechanical-to-electrical conversion efficiency of the piezo-ceramic element, and hence, proportional to the sensitivity of the probe. Four sample probes were calibrated in the vertical water jet, and their sensitivities were compared against their rms output voltages when rotated about a horizontal axis in air. The rms output voltages were numerically equal to the calibrated sensitivities. (The numerical equivalence is co-incidental, it is the ratio of output-to-sensitivity that should be uniform under the assumption of constant mechanical properties.) Thus, the output from rotation along a horizontal axis was used as a proxy for the sensitivity of the airfoil sensors. The ratio of the largest-to-smallest sensitivity was 3.

The thermistors used to measure temperature were standard Sippican thermistors used on that company's XBT probes. Sippican provides a table of resistance and temperature. All XDPs were trimmed to produce a frequency of 700 Hz for a dummy probe resistance corresponding to 15°C . The resistance was then changed to a value corresponding to 0°C , and the output frequency was noted.

4. Data Acquisition

The output from the XDP consists of two FM (Frequency Modulated) signals. Frequencies between 350 and 950 Hz are uniquely related to temperature, and frequencies between 3000 and 5000 are linearly related to $\partial u / \partial t$. These two FM signals are mixed and transmitted differentially up the expendable wire link. At the surface, the mixed FM signals go into our deck receiver system,

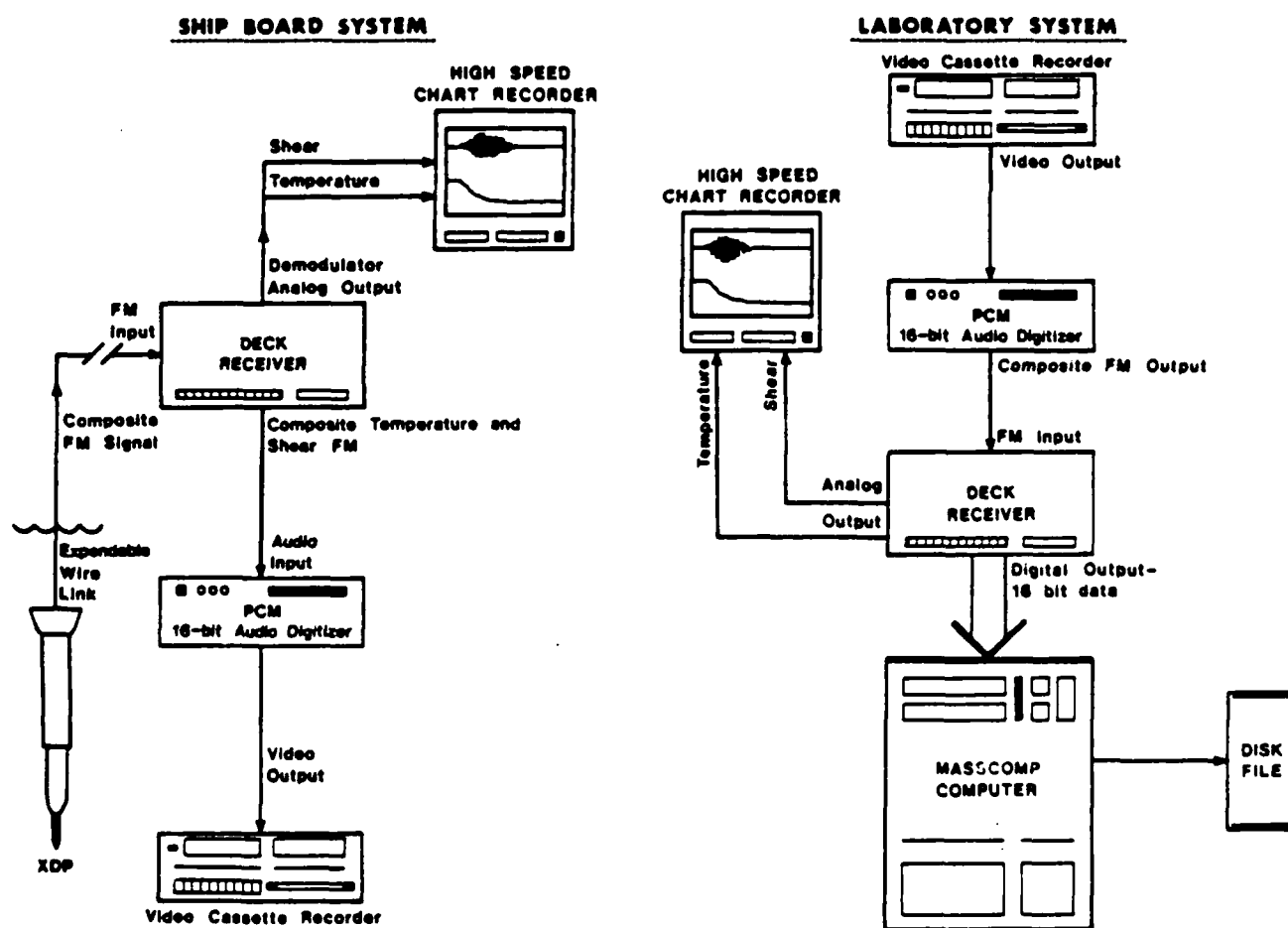


Figure 5. Block diagram of at-sea and laboratory data acquisition system.

where they are amplified to a level of approximately 1 volt. The mixed FM signals are then recorded on video cassette tapes after passing through a Sony model PCM-601-ESD pulse code modulator. This unit digitizes the audio signals into 16-bit words, and transforms the digital code into a signal suitable for recording on standard video recorders. This allows the signals to be replayed free of measurable wow-and-flutter (tape-speed fluctuations), which is a significant source of noise for FM signals. The wow-and-flutter in conventional audio tape recorders degrades the quality of the data. The quality and nature of the signals received from the XDP are monitored, in real time, by demodulation and display on a high-frequency chart recorder. A block diagram of the ship-board and laboratory data acquisition system is shown in figure 5.

In the months following the cruise in the Gulf of Cadiz, the data recorded on video cassettes were replayed and passed through our deck receiver system. This system separates the lower frequency FM signal associated with temperature from the higher frequency signal containing the shear data. Each FM signal is demodulated to produce a voltage proportional to $\partial u / \partial z$ and a voltage related to temperature. These voltages are monitored on the same chart recorder used in the field, to positively identify each profile and to check for data changes produced by the recording system. No measurable difference was observed between the original chart recordings and the ones reproduced later. The demodulated signals were then each digitized into 16-bit words with a 15-bit analog-to-digital

Table I Typical 512-byte header in data files. Characters shown in *italics* are not in the file.

701 XDP	<i>Probe number</i>
1 Site Number	<i>Station Identification</i>
19882660404 22 SEP 1988 04:04 GMT	<i>Date of profile</i>
19890462001 16 FEB 1989 20:01 GMT Digitized	<i>Date of digitization</i>
35 49.13 6 12.79 Lat/Lon	<i>Location of profile</i>
420 Depth (m)	<i>Local water depth</i>
1024 Sampling Rate	<i>Digitization rate: same for both channels</i>
0.1477 S P Sensitivity	<i>Air-foil probe sensitivity, [V (m s⁻¹)⁻²]</i>
low Gain	<i>Probe gain: low = 0.0080 s, high = 0.080 s</i>
450 Temp Freq	<i>Frequency corresponding to 0° C</i>
1 Deck Receiver	<i>S/N of deck receiver</i>
SBL Operator	<i>Person who made the profile</i>
Oceanus Ship	<i>Ship used</i>
Mediterranean Out-Flow Experiment	<i>Cruise identification</i>
1.88	<i>Mean fall rate of XDP in m s⁻¹</i>
	<i>Comments</i>

converter at a rate of 1024 samples per second. The sixteenth, and least significant, data bit distinguishes shear from temperature data. We normally sample the XDP data at 512 samples per second, but the rate was increased for this data set to accommodate the increased signal bandwidths needed for large dissipation rates. The 16-bit data words were then transferred to computer disks for archiving and subsequent processing. One file is produced per profile. The leading 512 bytes are a header giving information on probe number, time, location, depth, sensitivity, etc. — see sample header in table I. The data are interleaved, with the first 2-byte entry representing the first shear sample and the next 2-byte entry representing temperature. All shear data values are even numbers, and all temperature data points are odd. These data files constitute "raw" data files in that all data points are represented by 16-bit integers uniquely related to shear or temperature. These raw files also include several seconds of "useless" data from before the XDPs entered the water and after they either hit the bottom or broke the wire.

Before the data are actually played back and transferred to disk files, the deck receiver system is calibrated by entering signals of known and stable frequencies. The numbers recorded in a disk file are then used to establish the relationship between the number pairs (N_s, f_s) and (N_T, f_T) , the digital numbers recorded and the frequencies produced by the XDP. For the temperature channel, $f_T = 1.1301 \times 10^{-2} N_T - 696.29$ [Hz]. Also noted are the analog voltages produced by input frequencies f_s , which are needed to convert the shear data into physical units.

5. Data Processing

5.1 Conversion to Physical Units

5.1.1 Temperature

The raw temperature data, N_T , were first converted to frequency using the calibration of the deck receiver system. The frequencies were then converted to temperature in units of °C, using the frequencies known to be produced at probe resistances corresponding to 0 and 15°, and a polynomial fit of temperature to resistance from tables supplied by Sippican. The formulae used were

$$\phi = \phi(0)(f_T - 700)/(f_0 - 700)$$

and

$$T = 15 + b\phi + c\phi^2 + d\phi^3$$

where f_0 is the frequency corresponding to a resistance of 0° C and was noted during the construction of the XDPs, $\phi(0) = 0.3485$, and the coefficients are $b = 43.080$, $c = 5.9246$, and $d = 16.648$. When compared against nearly simultaneous CTD measurements in a surface mixing layer and other quasi-isothermal regions, the derived temperatures are typically in error by 0.4° C, and occasionally much

more. The derived temperatures are shifted to null the discrepancy, and the resulting profiles agree well with CTD profiles.

5.1.2 Shear

The frequency response of the circuitry associated with airfoil probes is calibrated by replacing the probe with a synthetic white noise source and comparing the input spectrum against the spectrum of the voltage output from the deck receiver. This output voltage is the one digitized into 16-bit words. The gain of the electronics, relative to that of an ideal differentiator, is given by

$$H(f) = (2\pi j f)^{-1} Y(f) / X(f) = GZ(f)$$

where $j^2 = -1$, X is the spectrum of the white noise input, and Y is the spectrum of the output voltage from the deck receiver. The magnitude of Z deviates by less than 10% from unity between 0 and 500 Hz, and decreases very rapidly with increasing frequency above 500 Hz. Therefore, for frequencies less than 500 Hz, $V_r = G \partial V_u / \partial t$, where V_r is the analog output voltage from the deck receiver and V_u is the output voltage from the airfoil probe. The gain, G , is 0.080 s for the conventional XDPs and 0.0080 s for the deep versions. The voltage produced by the airfoil probes is

$$V_u = 2\sqrt{2}WSu$$

where W is the fall rate, u is the local horizontal velocity, and S is the calibrated sensitivity of the airfoil probe. The voltage output of the deck receiver is

$$V_r = 2\sqrt{2}GWS \partial u / \partial t = 2\sqrt{2}GW^2S \partial u / \partial z ,$$

and the digital number written into the raw data files is

$$N_r = 2\sqrt{2}\beta GW^2S \partial u / \partial z ,$$

where $\beta = 2^{16}/10$ is ratio of output to input of the 15-bit analog-to-digital converter in the deck receiver. The above formula is used to convert the raw 2-byte integer data to shear in units of s^{-1} .

5.2 Trimming and Editing

All data files are trimmed by removing all data from before the XDP hits the water, and all data following the collision with the bottom, or after the wire broke. The collision with the bottom is manifested by a huge departure from zero shear not accompanied by a rapid return to zero shear. In fact, the signal caused by the collision saturates the analog-to-digital converter (ie. goes hard

off scale) and remains so for at least one second. The data points near the bottom are examined in great detail by graphic methods, and although deciding which data point represents the bottom is a little subjective, we believe that the last data point in each file come from less than 0.05 m above the bottom.

5.3 Dissipation Calculations

The rate of dissipation of turbulent kinetic energy, ϵ [W m^{-3}], is calculated from the isotropic turbulence formula

$$\epsilon = 7.5\rho\nu\langle(\partial u/\partial z)^2\rangle$$

where $\rho = 1025 \text{ kg m}^{-3}$, the kinematic viscosity ν is given by

$$\nu = 1.0 \times 10^{-7} (18.293 - 0.5774T + 0.01219T^2 - 0.0001352T^3) [\text{m}^2 \text{s}^{-1}]$$

and $\langle \rangle$ denotes a time and, hence, spatial average. The average shear variance was calculated spectrally with blocks of one-second data. One second spans 2.7 m for the conventional probes and 1.9 to 2.7 m for the deeper XDPs, depending on the mean fall rate. Power spectra of shear were integrated from 12 Hz (≈ 4.4 cpm) to an upper frequency determined by two criteria — integration was unconditionally stopped at 120 cpm — otherwise the integration was stopped at a frequency corresponding to 75% of the Kolmogorov wavenumber equal to $(\epsilon/\nu^3)^{1/4}/2\pi$. The upper frequency was not allowed to be less than 22 Hz.

Because there are substantial shear signals at high wavenumber in very dissipative turbulence, spatial averaging of the measured signal due to the finite size of the airfoil probe, systematically biases the estimated rate of dissipation to lower rates. Spatial averaging of the airfoil probe was investigated by Ninnis (1984) who found that the response of the probe is qualitatively similar to "box-car" averaging. By comparison with a laser velocimeter, the half power response of the airfoil probe was found to be 69 cpm. Ninnis (1984) provided tables for correcting estimated dissipation values on the assumption that the velocity spectra follow the universal Nasmyth spectrum (Nasmyth, 1970). This assumption is undoubtedly valid in the Mediterranean Out-Flow plume where the dissipation rate ϵ exceeds νN^2 by more than a factor of 1000 (Rohr, Itsweire, Helland and van Atta, 1988). The tables in Appendix C provide both the uncorrected and the corrected dissipation estimates using the table in Ninnis (1984) for 15° C. The correction is less than 10% for dissipation rates smaller than $4 \times 10^{-4} \text{ W m}^{-3}$. The fact that the water above the plume is warmer than 15° C does not result in significant errors because dissipation rates above the plume are relatively small, and so the correction is small regardless of the temperature.

5.4 Noise Level in Dissipation Estimates

The smallest velocity shear signal that can be sensed, and hence the noise level of the estimated dissipation rates, depends on vibrations of the probe over the band of wavenumbers used to estimate the rate of dissipation, and, to a smaller extent, on noise in the electronics. Vibrations come mainly from the unwinding of the expendable wire spool and from eddies shed at the rear of the XDP.

The noise level of the conventional XDPs (serial numbers above 1000) was uniformly low and usually less than $1 \times 10^{-6} \text{ W m}^{-3}$. The deep versions of the XDP were invariably noisier than the conventional units, and for some units, the noise level was unacceptable even for the large signals in the Mediterranean plume. The noise stemmed from increased vibrations induced by the larger wire spool, increased signal attenuation produced by the increased length of transmission, and poor quality of manufacturing.

Samples of one-second power spectra from the two versions of the XDP are shown in figure 6. Examples are drawn from quiescent regions and from the very turbulent zone in the Out-Flow plume. For the conventional XDPs even small shear signals are readily resolved (figure 6a and b). For "well behaved" deep versions of the XDP, the noise level is about 10 times higher than in a conventional unit (figure 6c), but large shear signals are well resolved (figure 6d). Broadband spectral noise afflicts the signals from the poorly performing samples from the deep XDPs and even large shear signals are not well resolved (figures 6e and f). Poor probes include numbers 705, 711, 810, 812, 814, 815, 824, 828, and 830. They are included in this report for the sake of completeness, and the shear data may be recoverable with further processing, but the values reported here are not reliable for these probes.

5.5 Accuracy of Dissipation Estimates

The factors that significantly effect the accuracy of the individual one-second dissipation estimates are the following.

- (1) The fall rate, W , enters at the fourth power ($\epsilon \propto W^4$). The fall rate is estimated from the time-of-flight from the surface to the bottom. The bottom depth is typically 500 m and uncertain to less than 10 m, ie. less than 2%. From the ratio of full-spool to empty-spool weight of the XDP, the fall rate is expected to vary by less than 5%. Thus, fall speed error introduces about 25% uncertainty in ϵ .
- (2) The sensitivity, S , enters at the second power. The water jet calibrations are repeatable to better than 5%. The sensitivity of the indirectly calibrated sensors is less precise, but probably no worse than 10%. This introduces an uncertainty of 20%.
- (3) The assumption of isotropy in the dissipation wavenumber band introduces an error that is difficult to estimate. At any given moment, the shear over a 2.7 m (one second) data segment

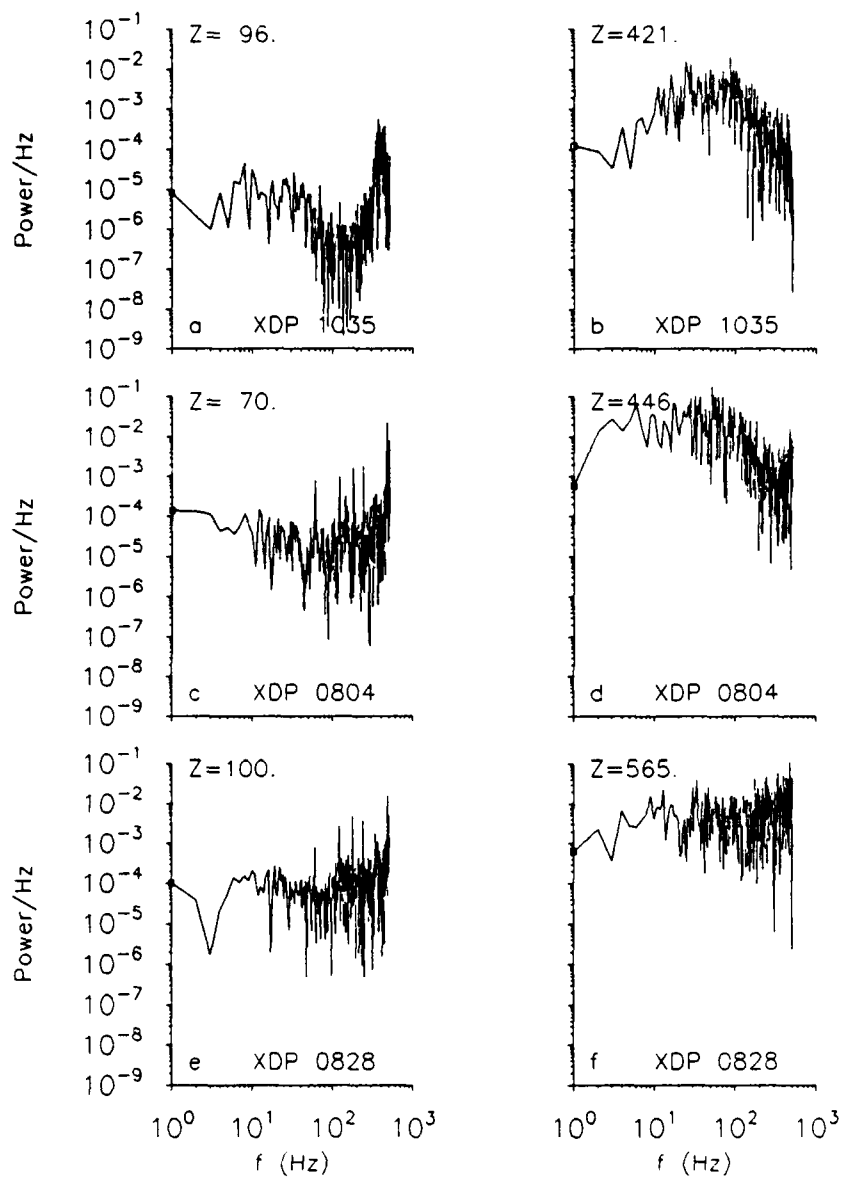


Figure 6. Sample shear spectra from a conventional XDP (a, b), from a "well behaved" deep XDP (c, d), and from a poor deep XDP (e, f). The left spectra are from a quiescent region, and the right ones are from the turbulent plume.

may not be isotropic. However, the peak of the shear spectrum in the plume is typically at 50 cpm, a wavelength of 0.02 m. This length scale is much smaller than the averaging length of 2.7 m, and so, local anisotropy should not induce significant errors.

- (4) The correction for spatial averaging is as large as a factor of 2.5 in the largest dissipation estimates. Individual spectra can deviate significantly from the Nasmyth (1970) universal spectrum, and so, the applied correction could introduce errors. This error is hard to quantify, but could be as large as 50% for dissipation rates exceeding 10^{-2} W m^{-3} , but less for smaller dissipation rates.

The overall accuracy of the reported dissipation rates is in the range of 30 to 50%, with the error being largest for the largest dissipation rates.

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Appendix A: XDP Log

OC202 XDP Log

Drop #	Date	Time	Latitude	Longitude	Method	Comment
(site 2)						
801	09/21/88	15:48	35 51.41	6 00.84	LC	
(site 3)						
1030	09/21/88	17:14	35 53.36	5 52.35	LC	
(site 1)						
1040	09/21/88	19:38	35 49.05	6 12.88	LC	
(site 4)						
1033	09/21/88	22:25	35 46.17	6 20.76	LC	bad
1035	09/21/88	22:31	35 46.33	6 20.65	LC	
(site 5)						
808	09/22/88	02:13	35 45.54	6 28.63	LC	
(site 1)						
701	09/22/88	04:04	35 49.13	6 12.79	LC	receiver failure
803	09/22/88	04:29	35 49.11	6 12.51	LC	
(site 4)						
709	09/22/88	05:58	35 46.11	6 20.43	LC	
(site 5)						
707	09/22/88	07:42	35 45.49	6 29.79	LC	
(site 6)						
807	09/22/88	09:11	35 49.87	6 37.52	LC	
(site 7)						
809	09/22/88	10:37	35 53.85	6 30.41	LC	
(site 8)						
1032	09/22/88	12:09	35 54.24	6 24.56	LC	

(site 9)					
702	09/22/88	14:21	35 45.46	6 40.73	LC
Section A					
1025	09/22/88	17:36	35 45.73	6 13.47	LC
1034	09/22/88	18:27	35 49.31	6 13.77	LC
1022	09/22/88	19:21	35 51.56	6 14.51	LC
1046	09/22/88	20:17	35 55.13	6 12.67	LC
Section B					
1043	09/22/88	23:01	35 48.82	6 19.60	LC
1051	09/23/88	00:05	35 45.58	6 18.34	LC
Section C					
1045	09/23/88	04:47	35 44.98	6 29.57	LC
704	09/23/88	05:00	35 44.58	6 30.05	LC
815	09/23/88	05:56	35 46.47	6 29.33	LC
1058	09/23/88	06:56	35 49.49	6 27.05	LC
1018	09/23/88	06:58	35 49.41	6 27.15	LC
1038	09/23/88	08:13	35 50.98	6 27.39	LC
1053	09/23/88	09:19	35 54.52	6 27.27	LC
1039	09/23/88	09:22	35 54.30	6 27.41	LC
Section D					
813	09/23/88	13:40	35 51.67	6 32.35	LC
810	09/23/88	14:32	35 50.17	6 34.93	LC
1050	09/23/88	15:00	35 50.09	6 34.23	LC
999	09/23/88	15:57	35 48.65	6 37.31	LC
806	09/23/88	16:10	35 48.51	6 37.65	LC
(Station C4)					
1049	09/23/88	22:31	35 44.57	6 29.94	LC
804	09/23/88	22:48	35 44.50	6 30.21	LC

wire broke

wire broke

Section E

1044	09/24/88	01:43	36 01.24	6 33.09	LC
814	09/24/88	02:57	36 00.41	6 37.19	LC
705	09/24/88	03:08	36 00.10	6 37.92	LC
824	09/24/88	04:08	35 59.22	6 40.53	LC
812	09/24/88	05:16	35 57.58	6 43 68	LC
828	09/24/88	06:34	35 55.77	6 46.34	LC
711	09/24/88	07:49	35 54.53	6 48.69	LC

wire broke
broken wire near bottom

Section F

826	09/24/88	18:05	36 18.50	6 44.69	LC
817	09/24/88	22:02	36 12.43	6 55.13	LC
827	09/24/88	23:25	36 10.83	6 58.09	LC
830	09/24/88	23:30	36 10.76	6 58.50	LC

Section FE

829	09/27/88	02:12	35 45.91	6 28.98	LC
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Section I

1048	09/27/88	08:26	36 01.02	5 17.74	LC
1061	09/27/88	10:25	35 59.16	5 23.45	LC
1056	09/27/88	11:40	35 57.87	5 29.98	LC
1062	09/27/88	12:44	35 56.24	5 35.52	LC
1057	09/27/88	12:54	35 56.25	5 36.40	LC
1071	09/27/88	13:50	35 56.29	5 42.51	LC
1054	09/27/88	14:29	35 55.38	5 45.16	LC
1063	09/27/88	14:35	35 55.48	5 45.14	LC
1055	09/27/88	17:23	35 51.19	5 59.52	LC
1072	09/27/88	19:58	35 49.15	6 11.27	LC

(Station B8)

1059	09/27/88	20:59	35 48.82	6 20.37	LC
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(Station C4)

821	09/27/88	21:51	35 45.29	6 29.16	LC
1060	09/27/88	21:54	35 45.35	6 29.15	LC

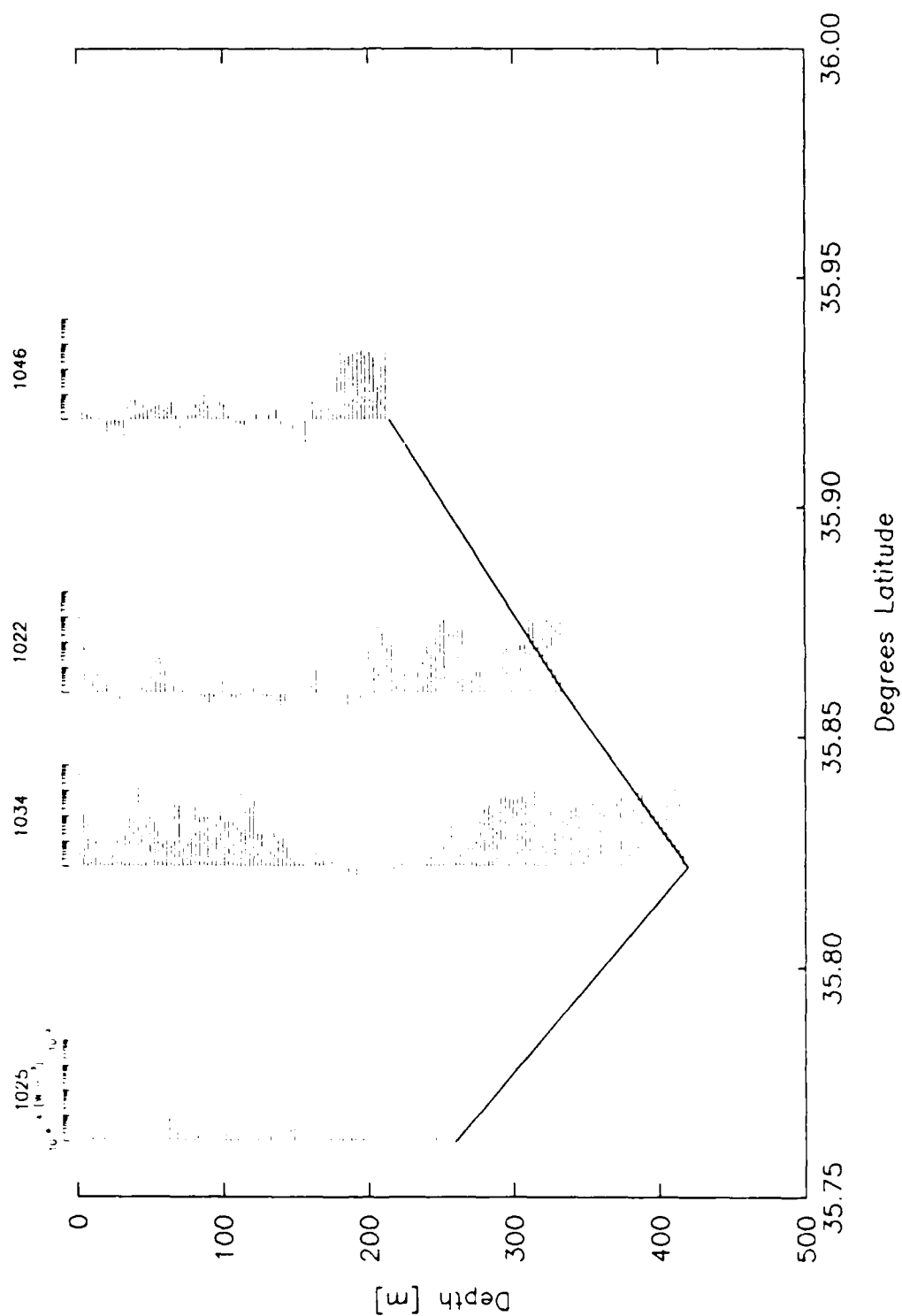
(Station D6)

1065	09/27/88	22:40	35 51.53	6 34.91	LC
------	----------	-------	----------	---------	----

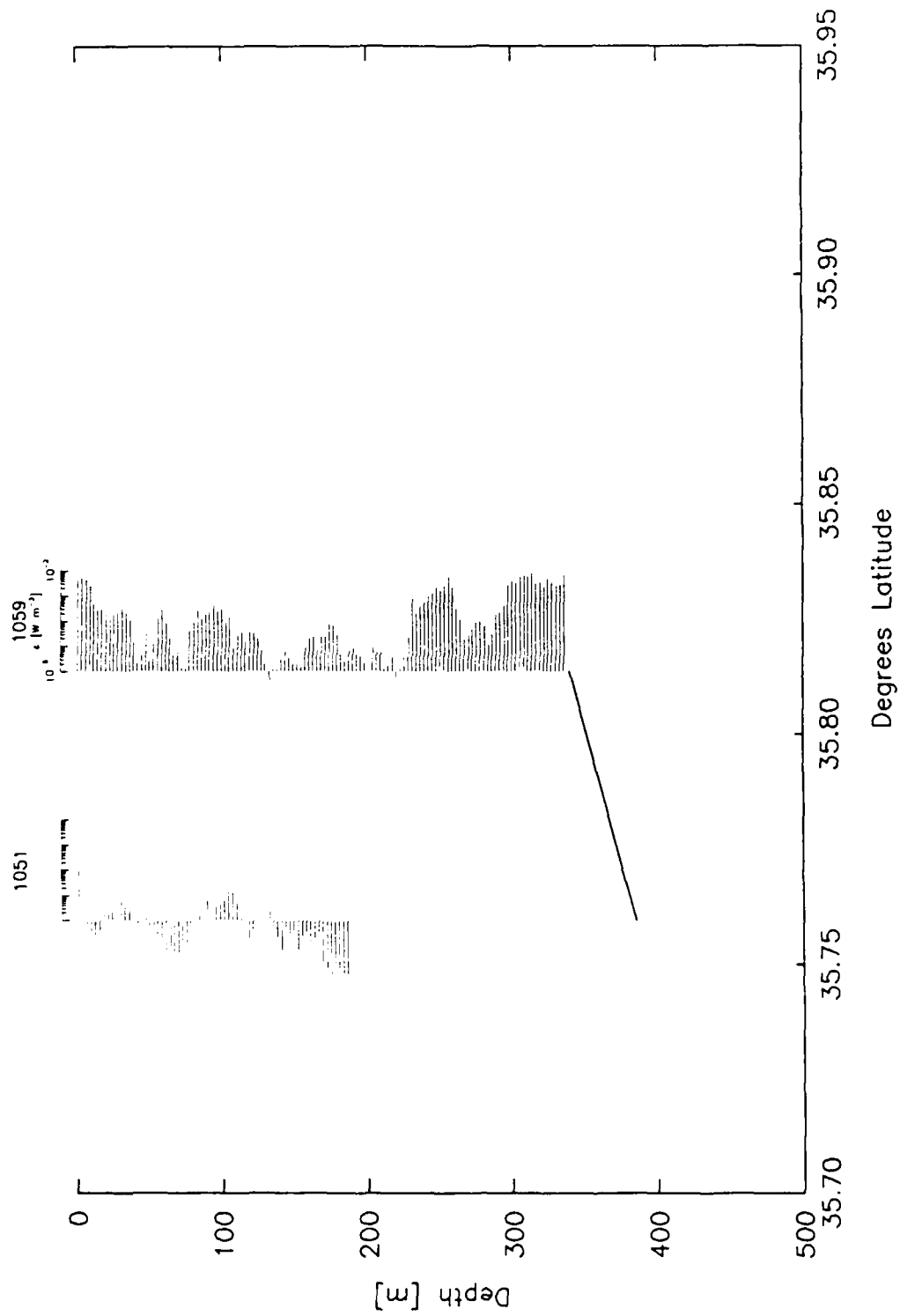
Appendix B:

**Dissipation Profiles Along
Sections A-I**

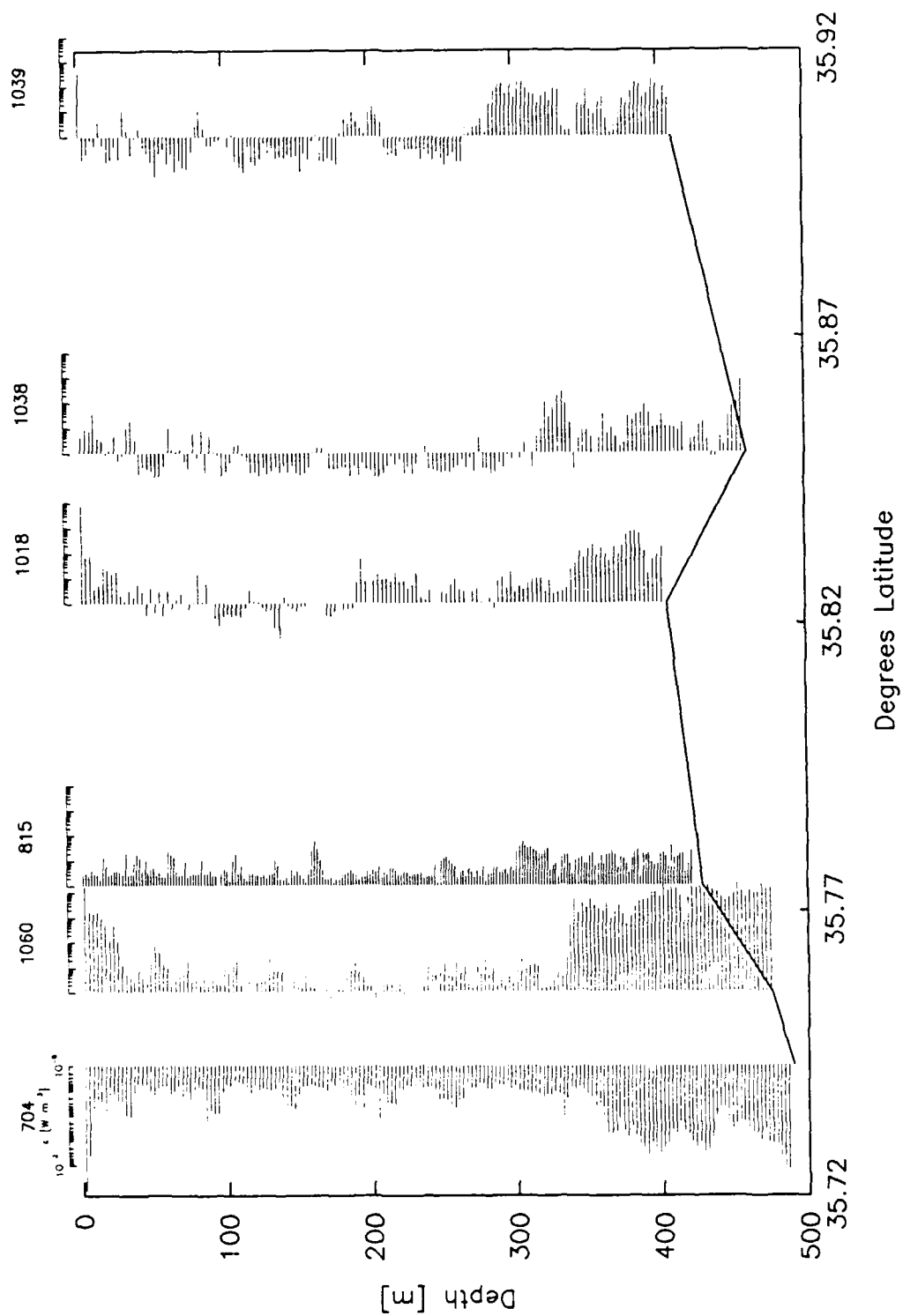
SECTION A



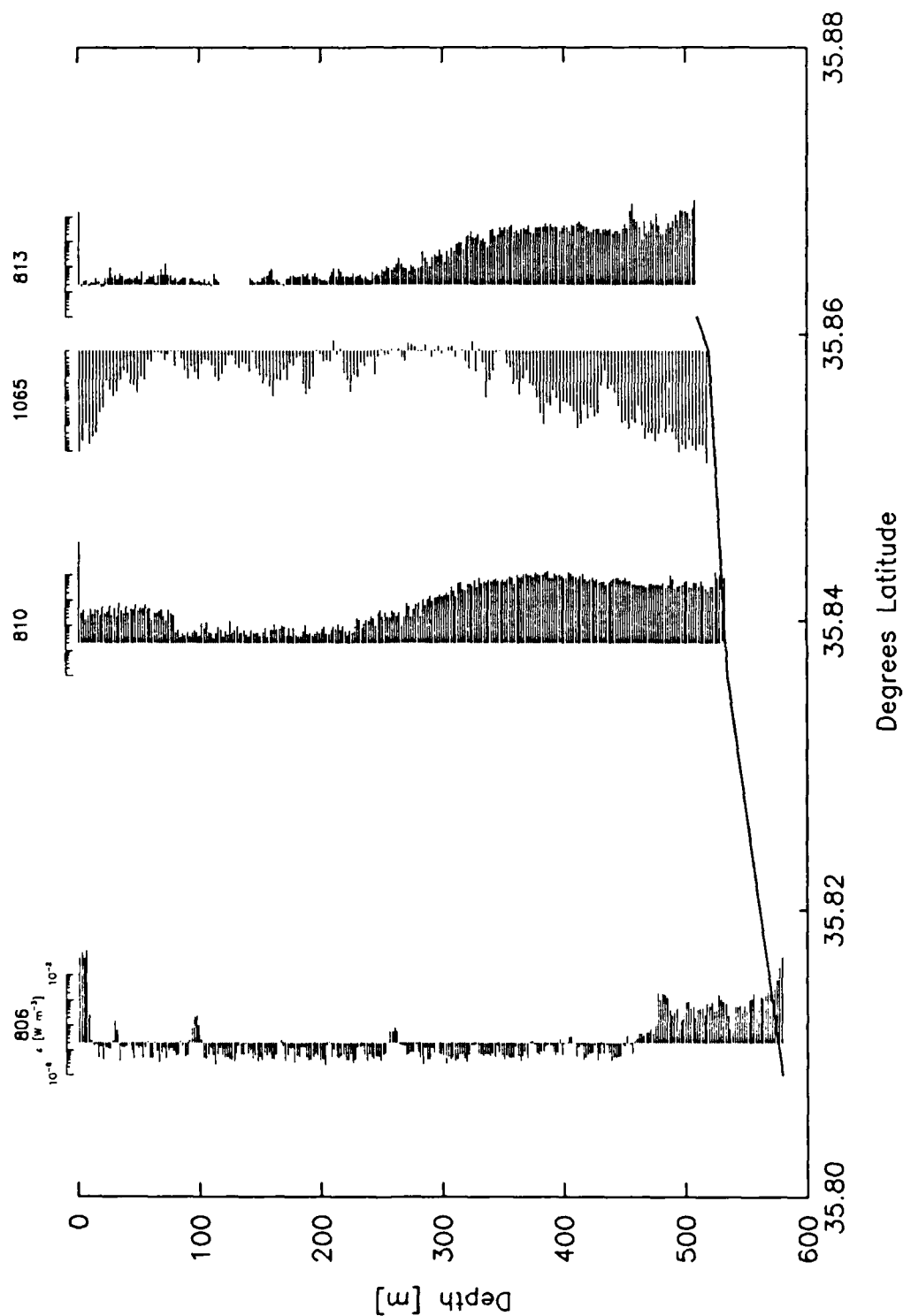
SECTION B



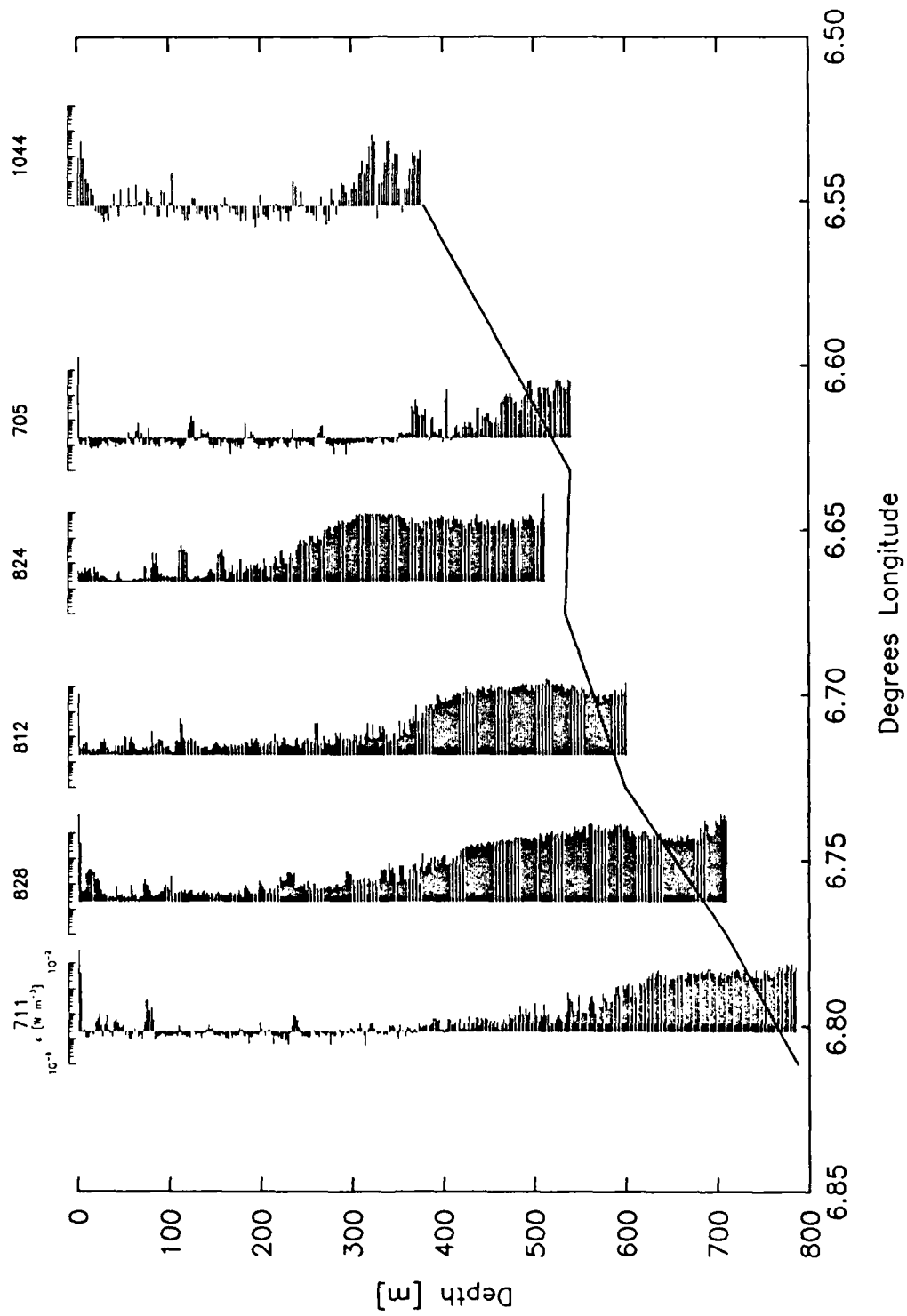
SECTION C



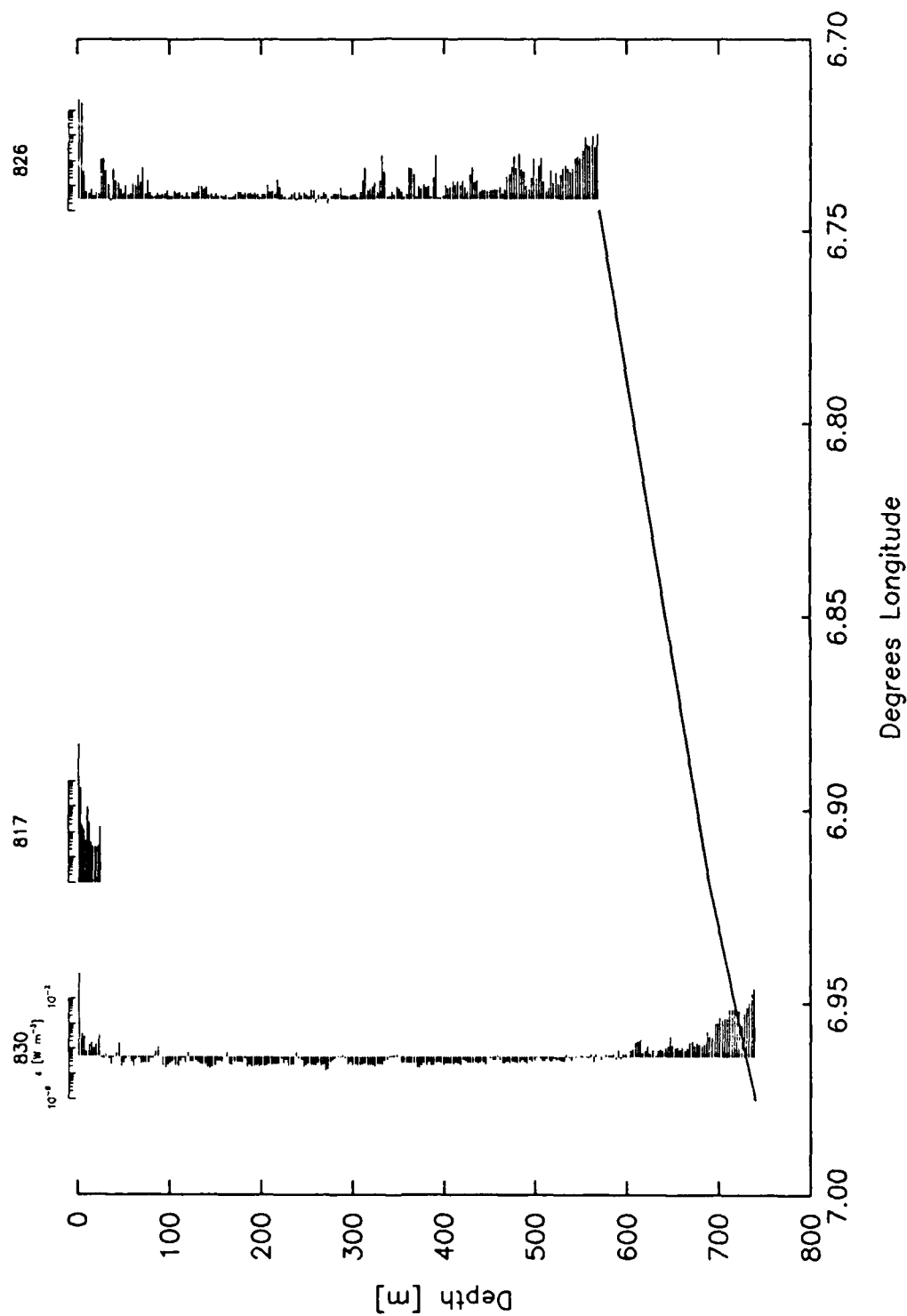
SECTION D



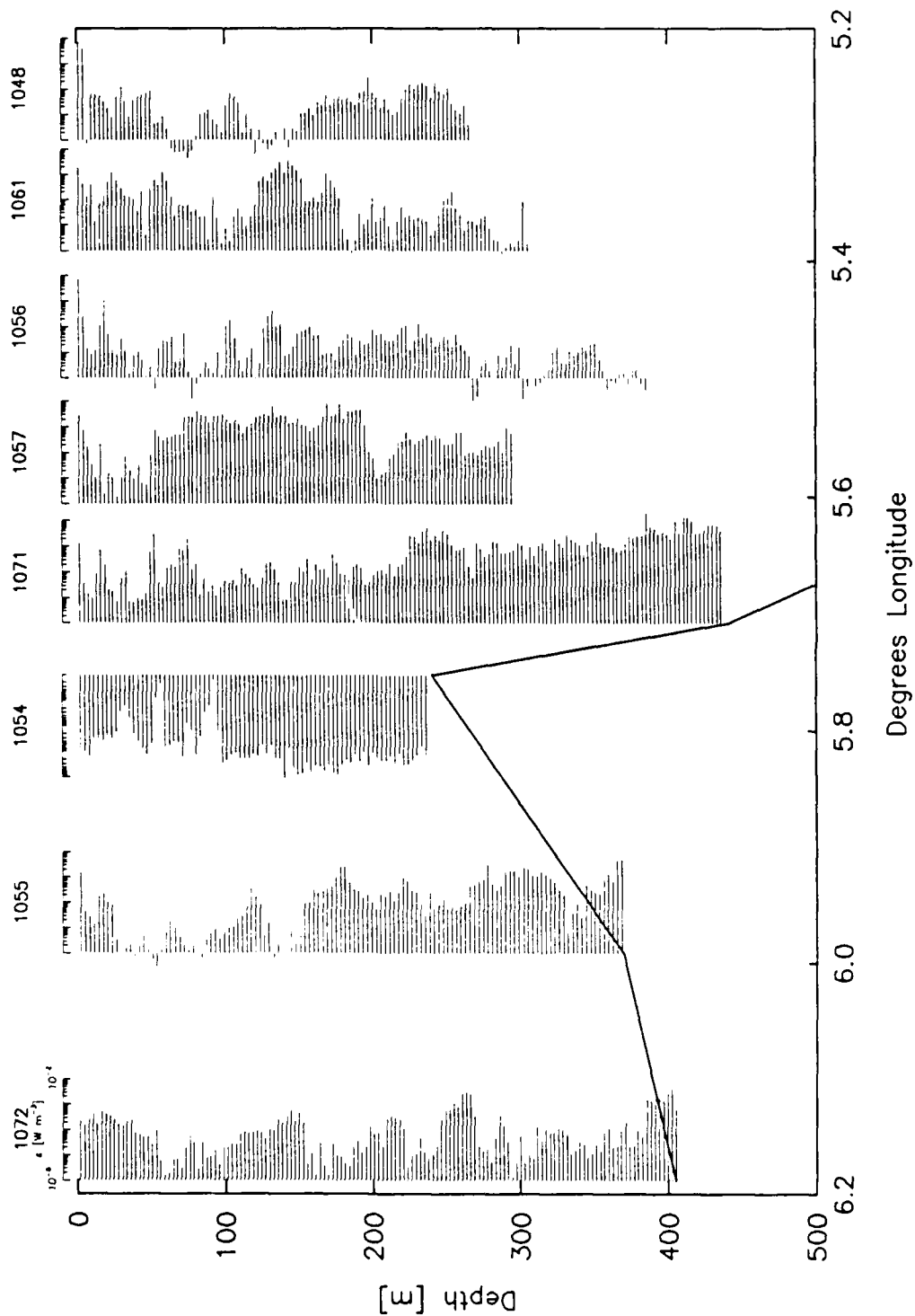
SECTION E



SECTION F



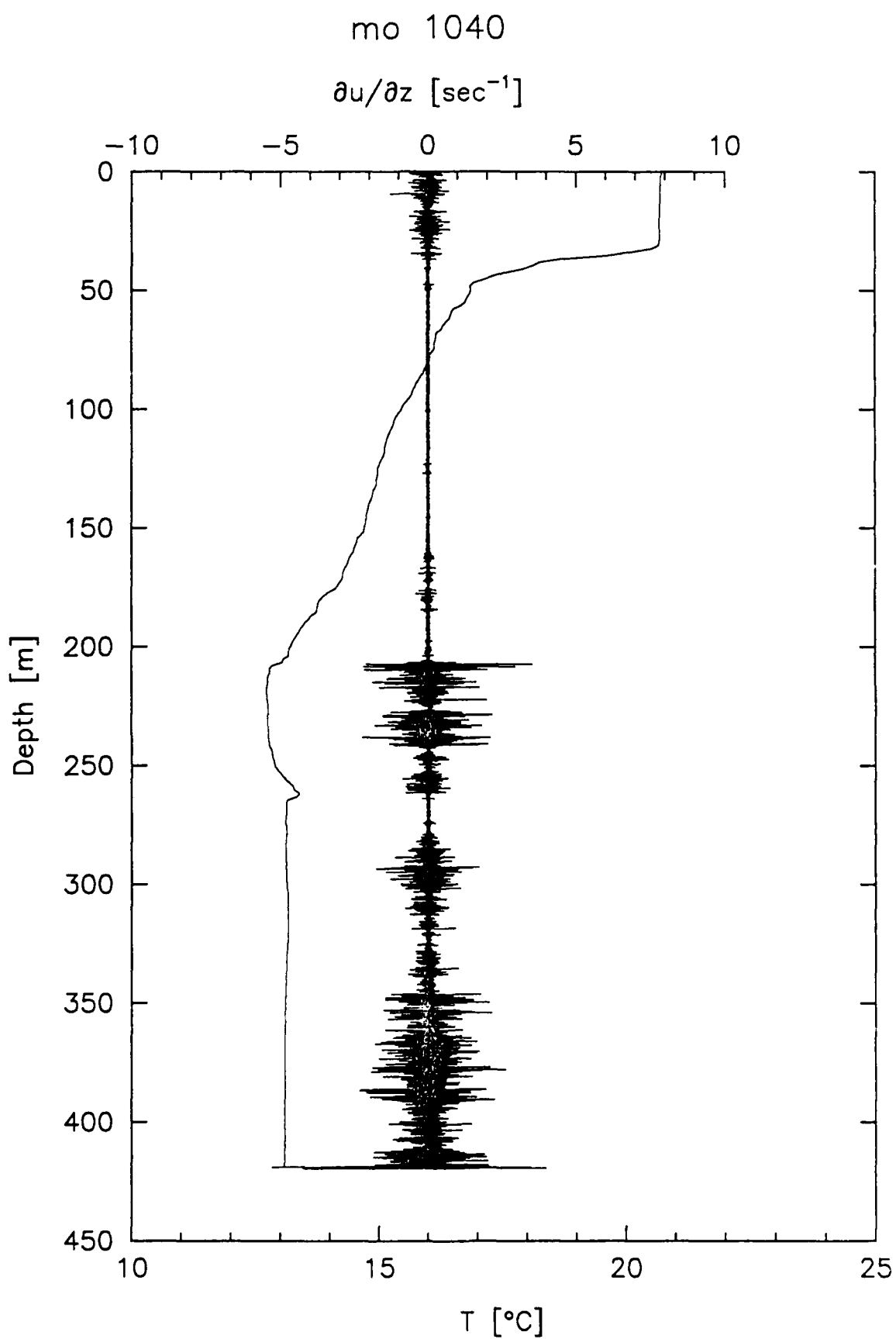
SECTION I



Appendix C:
Tables and Profiles
of
Dissipation Rates and Temperature
Sites 1-9

SITES 1 - 9

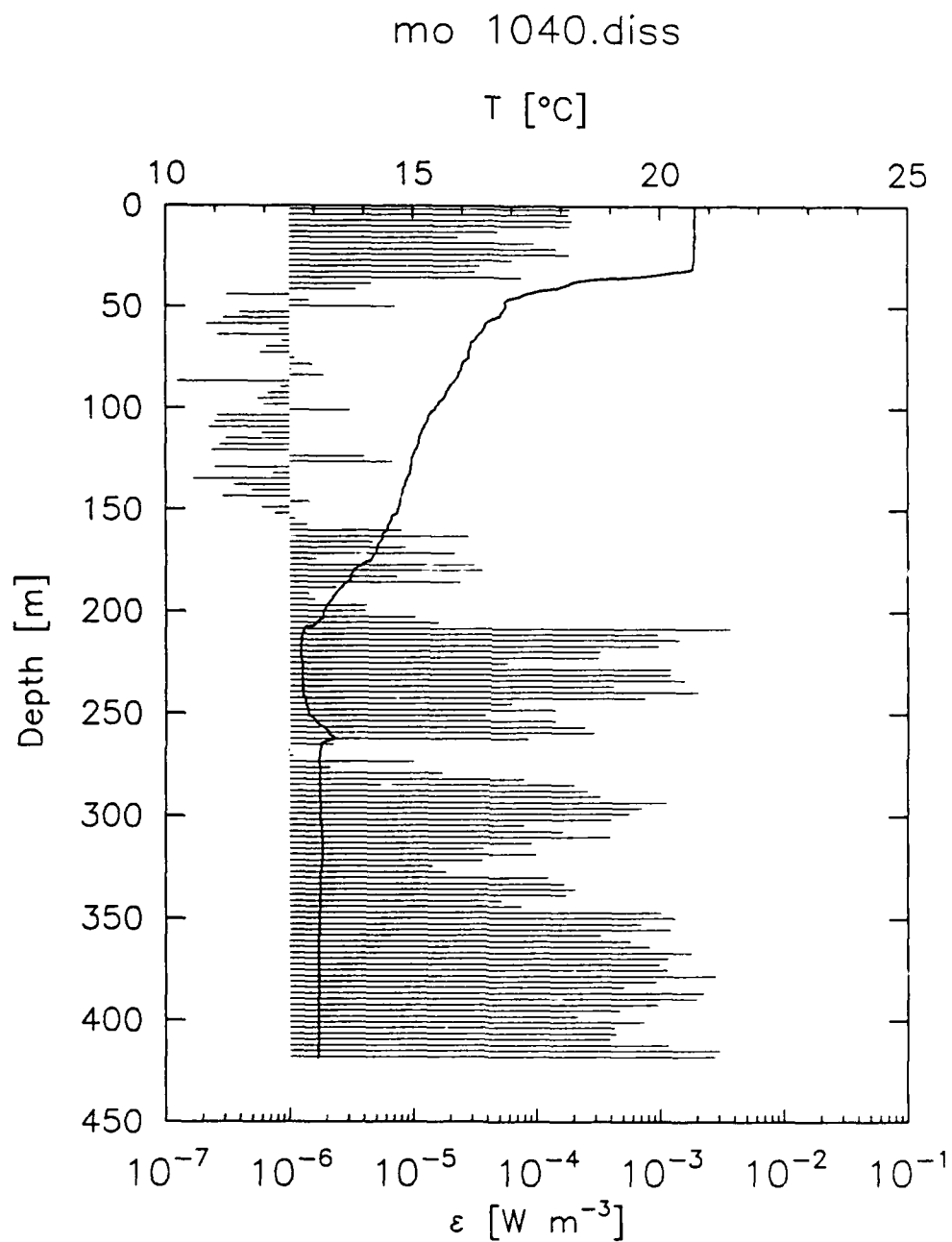
Station -----	Time -----	Location -----	XDP ---
1	21 SEP 1988 19:38 GMT	35 49.05 6 12.88	1040
1	22 SEP 1988 04:04 GMT	35 49.13 6 12.79	701
1	22 SEP 1988 04:29 GMT	35 49.11 6 12.51	803
2	21 SEP 1988 15:48 GMT	35 51.41 6 00.84	801
3	21 SEP 1988 17:14 GMT	35 53.36 5 52.35	1030
4	21 SEP 1988 22:31 GMT	35 46.33 6 20.65	1035
4	22 SEP 1988 05:58 GMT	35 46.11 6 20.43	709
5	22 SEP 1988 02:13 GMT	35 45.54 6 28.63	808
5	22 SEP 1988 07:42 GMT	35 45.49 6 29.79	707
6	22 SEP 1988 09:11 GMT	35 49.87 6 37.52	807
7	22 SEP 1988 10:37 GMT	35 53.85 6 30.41	809
8	22 SEP 1988 12:09 GMT	35 54.24 6 24.56	1032
9	22 SEP 1988 14:21 GMT	35 45.46 6 40.73	702



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.



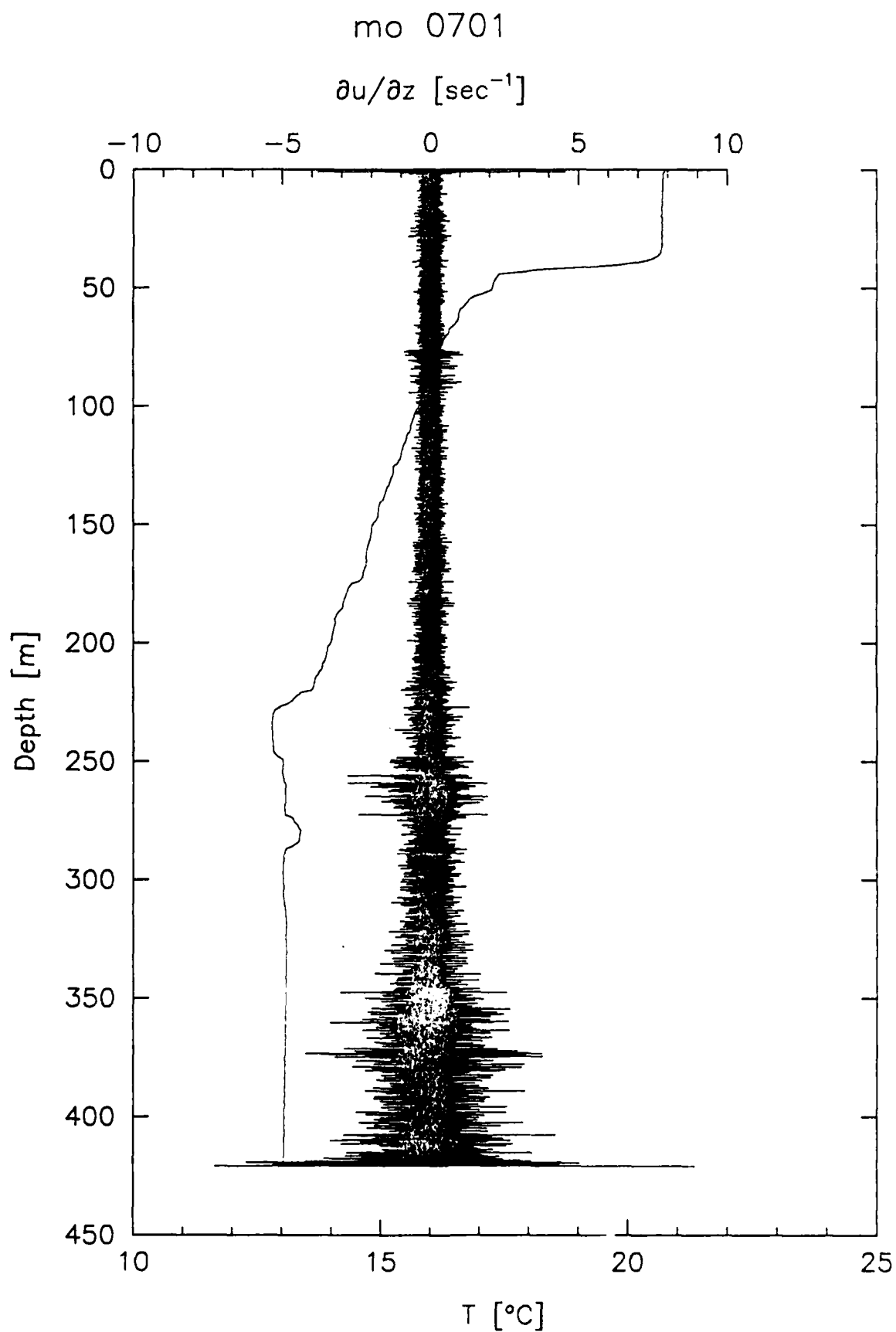
35 49.05 6 12.88 Lat/Lon
 21 SEP 1988 19:38 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

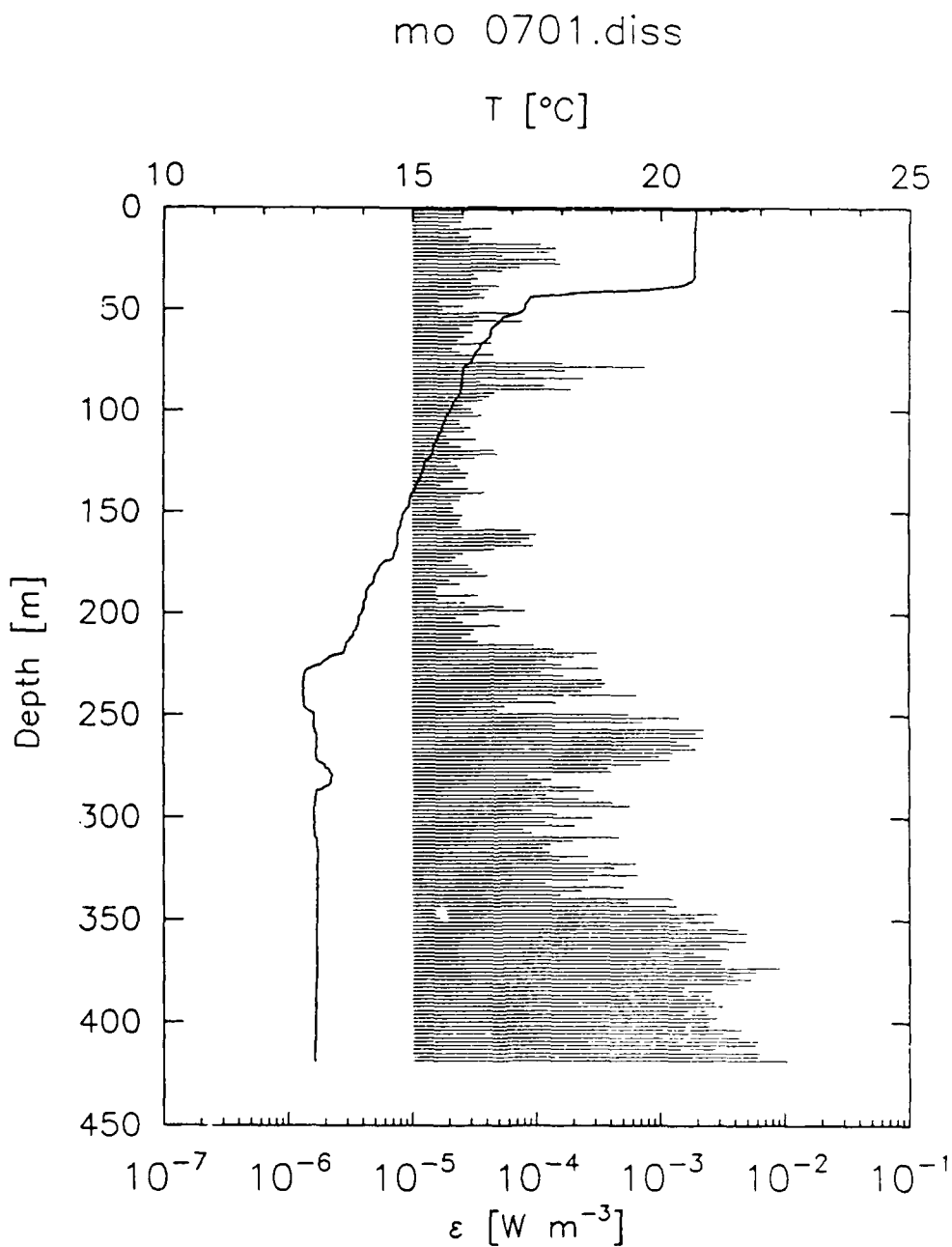
1040 XDP
 1 Site Number
 19882651938 21 SEP 1988 19:38 GMT
 19890442116 14 FEB 1989 21:16 GMT Digitized
 35 49.05 6 12.08 Lat/Lon
 420 Depth (m)
 1024 Sampling Rate
 0.3460 S P Sensitivity
 high Gain
 441 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.83 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	20.7	0.19E-03	0.22E-03	157.1	14.5	0.14E-05	0.14E-05
4.2	20.7	0.18E-03	0.22E-03	159.9	14.5	0.80E-05	0.84E-05
7.1	20.7	0.19E-03	0.23E-03	162.7	14.4	0.28E-04	0.30E-04
9.9	20.7	0.19E-03	0.22E-03	165.6	14.3	0.47E-05	0.49E-05
12.7	20.7	0.48E-04	0.53E-04	168.4	14.3	0.86E-05	0.91E-05
15.6	20.7	0.23E-04	0.25E-04	171.2	14.2	0.22E-04	0.23E-04
18.4	20.7	0.96E-04	0.11E-03	174.0	14.1	0.16E-05	0.17E-05
21.2	20.7	0.14E-03	0.17E-03	176.9	14.0	0.32E-04	0.35E-04
24.1	20.7	0.18E-03	0.22E-03	179.7	13.8	0.36E-04	0.40E-04
26.9	20.7	0.63E-04	0.71E-04	182.5	13.7	0.74E-05	0.78E-05
29.7	20.7	0.35E-04	0.39E-04	185.4	13.7	0.24E-04	0.26E-04
32.5	20.4	0.32E-04	0.35E-04	188.2	13.6	0.24E-05	0.24E-05
35.4	19.3	0.76E-04	0.85E-04	191.0	13.4	0.14E-05	0.15E-05
38.2	18.2	0.46E-05	0.48E-05	193.9	13.4	0.16E-05	0.17E-05
41.0	17.8	0.35E-05	0.36E-05	196.7	13.3	0.42E-05	0.44E-05
43.9	17.3	0.31E-06	0.31E-06	199.5	13.2	0.41E-05	0.42E-05
46.7	16.9	0.14E-05	0.15E-05	202.3	13.2	0.10E-04	0.11E-04
49.5	16.9	0.71E-05	0.75E-05	205.2	13.1	0.16E-04	0.17E-04
52.4	16.8	0.39E-06	0.40E-06	208.0	12.9	0.36E-02	0.59E-02
55.2	16.7	0.29E-06	0.29E-06	210.8	12.8	0.95E-03	0.13E-02
58.0	16.5	0.21E-06	0.22E-06	213.7	12.7	0.14E-02	0.20E-02
60.8	16.4	0.82E-06	0.84E-06	216.5	12.7	0.97E-03	0.14E-02
63.7	16.3	0.26E-06	0.27E-06	219.3	12.7	0.33E-03	0.41E-03
66.5	16.2	0.87E-06	0.89E-06	222.2	12.7	0.32E-03	0.40E-03
69.3	16.2	0.65E-06	0.67E-06	225.0	12.7	0.58E-04	0.65E-04
72.2	16.1	0.57E-06	0.58E-06	227.8	12.8	0.12E-02	0.17E-02
75.0	16.1	0.11E-05	0.11E-05	230.6	12.8	0.12E-02	0.17E-02
77.8	16.0	0.15E-05	0.16E-05	233.5	12.8	0.16E-02	0.22E-02
80.7	16.0	0.10E-05	0.11E-05	236.3	12.8	0.42E-03	0.52E-03
83.5	15.9	0.19E-05	0.19E-05	239.1	12.8	0.21E-02	0.31E-02
86.3	15.8	0.12E-06	0.12E-06	242.0	12.8	0.75E-03	0.99E-03
89.1	15.8	0.85E-06	0.87E-06	244.8	12.8	0.63E-04	0.71E-04
92.0	15.7	0.67E-06	0.68E-06	247.6	12.9	0.14E-03	0.16E-03
94.8	15.6	0.55E-06	0.56E-06	250.5	12.9	0.38E-04	0.42E-04
97.6	15.5	0.62E-06	0.63E-06	253.3	13.0	0.14E-03	0.16E-03
100.5	15.4	0.31E-05	0.32E-05	256.1	13.1	0.24E-03	0.29E-03
103.3	15.3	0.26E-06	0.26E-06	258.9	13.3	0.29E-03	0.35E-03
106.1	15.3	0.25E-06	0.25E-06	261.8	13.4	0.85E-04	0.96E-04
109.0	15.2	0.22E-06	0.22E-06	264.6	13.2	0.22E-05	0.23E-05
111.8	15.2	0.60E-06	0.61E-06	267.4	13.1	0.98E-06	0.10E-05
114.6	15.1	0.31E-06	0.31E-06	270.3	13.1	0.11E-05	0.11E-05
117.4	15.1	0.27E-06	0.28E-06	273.1	13.1	0.10E-04	0.11E-04
120.3	15.1	0.23E-06	0.24E-06	275.9	13.1	0.21E-05	0.22E-05
123.1	15.0	0.40E-05	0.42E-05	278.8	13.1	0.17E-04	0.19E-04
125.9	15.0	0.67E-05	0.71E-05	281.6	13.1	0.80E-04	0.90E-04
128.8	15.0	0.25E-06	0.25E-06	284.4	13.1	0.20E-03	0.24E-03
131.6	14.9	0.73E-06	0.74E-06	287.2	13.1	0.26E-03	0.31E-03
134.4	14.9	0.17E-06	0.17E-06	290.1	13.1	0.33E-03	0.41E-03
137.3	14.8	0.35E-06	0.36E-06	292.9	13.1	0.11E-02	0.16E-02
140.1	14.8	0.49E-06	0.50E-06	295.7	13.1	0.71E-03	0.93E-03
142.9	14.8	0.28E-06	0.29E-06	298.6	13.1	0.57E-03	0.75E-03
145.7	14.7	0.14E-05	0.15E-05	301.4	13.1	0.41E-03	0.51E-03
148.6	14.7	0.60E-06	0.61E-06	304.2	13.1	0.80E-04	0.89E-04
151.4	14.7	0.75E-06	0.76E-06	307.1	13.2	0.16E-03	0.19E-03
154.2	14.6	0.11E-05	0.11E-05	309.9	13.2	0.39E-03	0.49E-03

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
312.7	13.2	0.92E-04	0.10E-03
315.5	13.2	0.37E-04	0.41E-04
318.4	13.2	0.99E-04	0.11E-03
321.2	13.2	0.36E-04	0.40E-04
324.0	13.1	0.14E-04	0.15E-04
326.9	13.1	0.19E-04	0.20E-04
329.7	13.1	0.12E-03	0.14E-03
332.5	13.1	0.17E-03	0.19E-03
335.4	13.1	0.21E-03	0.25E-03
338.2	13.1	0.17E-03	0.20E-03
341.0	13.1	0.52E-04	0.57E-04
343.8	13.1	0.75E-04	0.84E-04
346.7	13.1	0.10E-02	0.14E-02
349.5	13.1	0.13E-02	0.19E-02
352.3	13.1	0.70E-03	0.92E-03
355.2	13.1	0.12E-02	0.17E-02
358.0	13.1	0.33E-03	0.41E-03
360.8	13.1	0.58E-03	0.76E-03
363.7	13.1	0.82E-03	0.11E-02
366.5	13.1	0.18E-02	0.27E-02
369.3	13.1	0.12E-02	0.16E-02
372.1	13.1	0.99E-03	0.14E-02
375.0	13.1	0.12E-02	0.16E-02
377.8	13.1	0.28E-02	0.46E-02
380.6	13.1	0.92E-03	0.12E-02
383.5	13.1	0.51E-03	0.64E-03
386.3	13.1	0.22E-02	0.34E-02
389.1	13.1	0.20E-02	0.30E-02
392.0	13.1	0.97E-03	0.14E-02
394.8	13.1	0.47E-03	0.59E-03
397.6	13.1	0.21E-03	0.25E-03
400.4	13.1	0.74E-03	0.97E-03
403.3	13.1	0.43E-03	0.53E-03
406.1	13.1	0.44E-03	0.55E-03
408.9	13.1	0.39E-03	0.49E-03
411.8	13.1	0.12E-02	0.16E-02
414.6	13.1	0.30E-02	0.49E-02
417.4	13.1	0.28E-02	0.45E-02

Bottom Salinity = 38.256





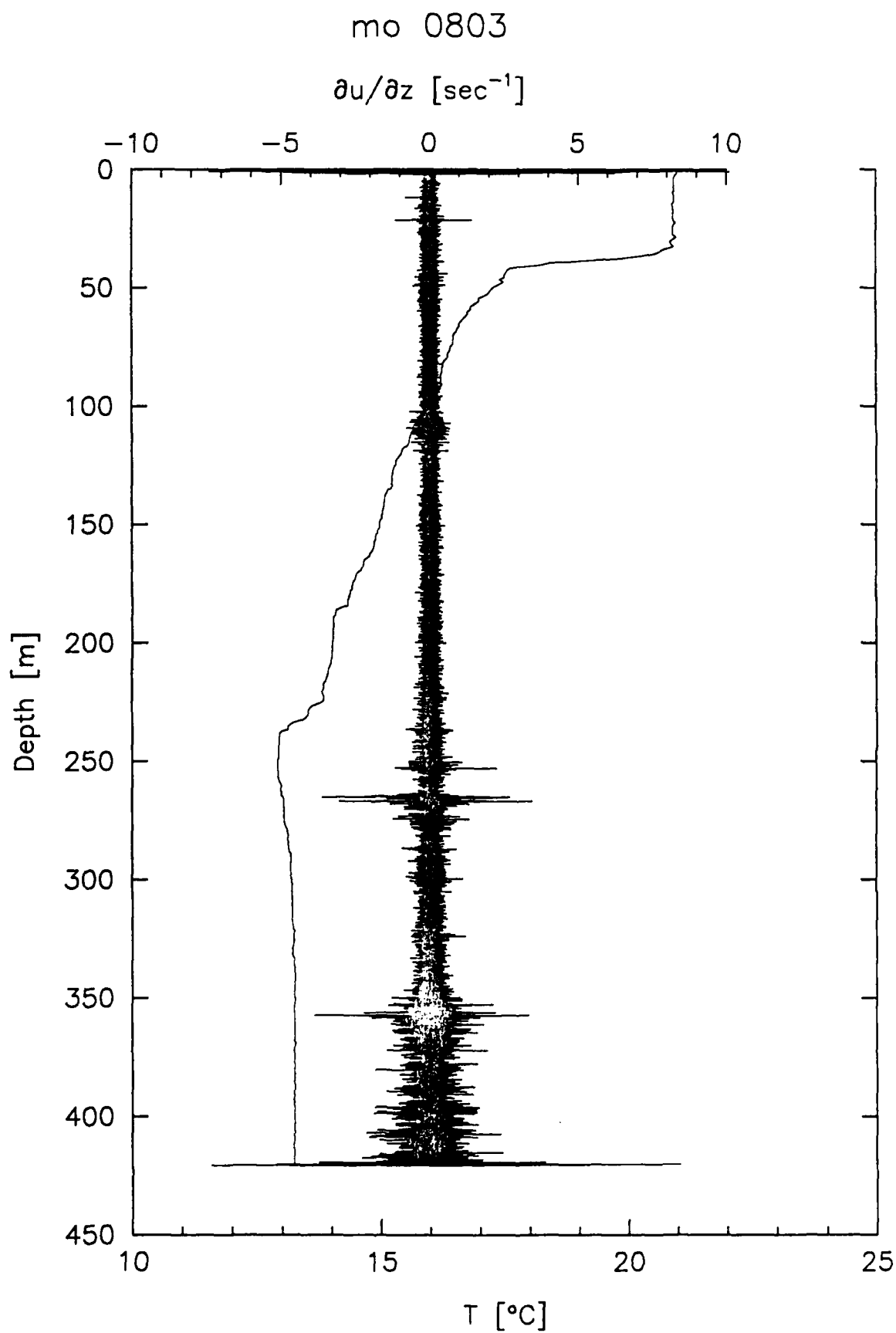
35 49.13 6 12.79 Lat/Lon
 22 SEP 1988 04:04 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

701 XDP
 1 Site Number
 19882660404 22 SEP 1988 04:04 GMT
 19890462001 16 FEB 1989 20:01 GMT Digitized
 35 49.13 6 12.79 Lat/Lon
 420 Depth (m)
 1024 Sampling Rate
 0.1477 S P Sensitivity
 low Gain
 450 Temp Freq
 1 Deck Receiver
 SBL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 1.88 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
0.9	20.7	0.50E-02	0.91E-02	104.3	15.7	0.24E-04	0.26E-04
2.8	20.7	0.25E-04	0.26E-04	106.2	15.6	0.24E-04	0.26E-04
4.7	20.7	0.26E-04	0.28E-04	108.1	15.6	0.30E-04	0.32E-04
6.6	20.7	0.25E-04	0.27E-04	110.0	15.6	0.26E-04	0.28E-04
8.5	20.7	0.20E-04	0.21E-04	111.9	15.5	0.19E-04	0.20E-04
10.3	20.7	0.44E-04	0.48E-04	113.7	15.5	0.33E-04	0.36E-04
12.2	20.7	0.24E-04	0.26E-04	115.6	15.5	0.20E-04	0.21E-04
14.1	20.7	0.30E-04	0.32E-04	117.5	15.4	0.25E-04	0.27E-04
16.0	20.7	0.29E-04	0.31E-04	119.4	15.4	0.46E-04	0.50E-04
17.9	20.7	0.11E-03	0.12E-03	121.3	15.4	0.49E-04	0.54E-04
19.7	20.7	0.14E-03	0.17E-03	123.1	15.3	0.32E-04	0.35E-04
21.6	20.7	0.13E-03	0.15E-03	125.0	15.3	0.21E-04	0.23E-04
23.5	20.7	0.53E-04	0.58E-04	126.9	15.2	0.24E-04	0.25E-04
25.4	20.7	0.14E-03	0.16E-03	128.8	15.2	0.25E-04	0.26E-04
27.3	20.7	0.16E-03	0.18E-03	130.7	15.2	0.28E-04	0.31E-04
29.1	20.7	0.74E-04	0.83E-04	132.5	15.2	0.27E-04	0.29E-04
31.0	20.7	0.53E-04	0.58E-04	134.4	15.1	0.21E-04	0.23E-04
32.9	20.7	0.31E-04	0.34E-04	136.3	15.1	0.17E-04	0.19E-04
34.8	20.7	0.34E-04	0.37E-04	138.2	15.1	0.28E-04	0.30E-04
36.7	20.6	0.30E-04	0.32E-04	140.1	15.0	0.38E-04	0.42E-04
38.5	20.3	0.50E-04	0.55E-04	141.9	15.0	0.25E-04	0.27E-04
40.4	19.5	0.41E-04	0.45E-04	143.8	15.0	0.24E-04	0.26E-04
42.3	18.1	0.35E-04	0.38E-04	145.7	14.9	0.21E-04	0.23E-04
44.2	17.4	0.38E-04	0.42E-04	147.6	14.9	0.22E-04	0.23E-04
46.1	17.3	0.17E-04	0.18E-04	149.5	14.8	0.21E-04	0.23E-04
47.9	17.3	0.26E-04	0.28E-04	151.3	14.8	0.26E-04	0.28E-04
49.8	17.3	0.18E-04	0.19E-04	153.2	14.8	0.24E-04	0.26E-04
51.7	17.1	0.66E-04	0.75E-04	155.1	14.8	0.24E-04	0.26E-04
53.6	16.9	0.35E-04	0.38E-04	157.0	14.8	0.26E-04	0.28E-04
55.5	16.8	0.77E-04	0.87E-04	158.9	14.7	0.77E-04	0.86E-04
57.3	16.7	0.31E-04	0.33E-04	160.7	14.7	0.10E-03	0.11E-03
59.2	16.6	0.24E-04	0.26E-04	162.6	14.7	0.89E-04	0.10E-03
61.1	16.6	0.30E-04	0.33E-04	164.5	14.7	0.77E-04	0.86E-04
63.0	16.6	0.26E-04	0.28E-04	166.4	14.7	0.96E-04	0.11E-03
64.9	16.5	0.24E-04	0.25E-04	168.3	14.7	0.47E-04	0.52E-04
66.7	16.4	0.44E-04	0.48E-04	170.1	14.6	0.26E-04	0.28E-04
68.6	16.4	0.21E-04	0.23E-04	172.0	14.6	0.23E-04	0.24E-04
70.5	16.3	0.24E-04	0.26E-04	173.9	14.5	0.21E-04	0.23E-04
72.4	16.3	0.45E-04	0.50E-04	175.8	14.4	0.28E-04	0.31E-04
74.3	16.2	0.31E-04	0.34E-04	177.7	14.3	0.30E-04	0.33E-04
76.1	16.2	0.16E-03	0.19E-03	179.5	14.3	0.34E-04	0.37E-04
78.0	16.1	0.76E-03	0.10E-02	181.4	14.3	0.41E-04	0.45E-04
79.9	16.0	0.17E-03	0.20E-03	183.3	14.2	0.20E-04	0.22E-04
81.8	16.0	0.81E-04	0.91E-04	185.2	14.2	0.25E-04	0.26E-04
83.7	16.0	0.24E-03	0.29E-03	187.1	14.1	0.16E-04	0.17E-04
85.5	16.0	0.36E-04	0.39E-04	188.9	14.1	0.16E-04	0.17E-04
87.4	16.0	0.12E-03	0.13E-03	190.8	14.1	0.34E-04	0.37E-04
89.3	16.0	0.19E-03	0.23E-03	192.7	14.1	0.16E-04	0.17E-04
91.2	16.0	0.46E-04	0.51E-04	194.6	14.0	0.27E-04	0.29E-04
93.1	15.9	0.42E-04	0.46E-04	196.5	14.0	0.55E-04	0.61E-04
94.9	15.9	0.37E-04	0.41E-04	198.3	14.0	0.83E-04	0.93E-04
96.8	15.8	0.26E-04	0.28E-04	200.2	14.0	0.35E-04	0.38E-04
98.7	15.8	0.30E-04	0.33E-04	202.1	13.9	0.23E-04	0.24E-04
100.6	15.7	0.31E-04	0.35E-04	204.0	13.9	0.26E-04	0.29E-04
102.5	15.7	0.36E-04	0.40E-04	205.9	13.9	0.51E-04	0.57E-04

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
207.7	13.9	0.31E-04	0.35E-04	339.3	13.1	0.13E-02	0.19E-02
209.6	13.8	0.30E-04	0.32E-04	341.2	13.1	0.55E-03	0.68E-03
211.5	13.8	0.25E-04	0.27E-04	343.1	13.1	0.14E-02	0.19E-02
213.4	13.7	0.34E-04	0.37E-04	345.0	13.1	0.11E-02	0.16E-02
215.3	13.7	0.96E-04	0.11E-03	346.9	13.1	0.29E-02	0.47E-02
217.1	13.7	0.14E-03	0.16E-03	348.7	13.1	0.19E-02	0.29E-02
219.0	13.6	0.31E-03	0.37E-03	350.6	13.1	0.27E-02	0.41E-02
220.9	13.4	0.20E-03	0.24E-03	352.5	13.1	0.15E-02	0.21E-02
222.8	13.3	0.12E-03	0.14E-03	354.4	13.1	0.43E-02	0.70E-02
224.7	13.2	0.16E-03	0.19E-03	356.3	13.1	0.50E-02	0.91E-02
226.5	13.0	0.32E-03	0.40E-03	358.1	13.1	0.26E-02	0.39E-02
228.4	12.9	0.11E-03	0.13E-03	360.0	13.1	0.50E-02	0.90E-02
230.3	12.8	0.17E-03	0.19E-03	361.9	13.1	0.30E-02	0.50E-02
232.2	12.8	0.34E-03	0.43E-03	363.8	13.1	0.36E-02	0.59E-02
234.1	12.8	0.36E-03	0.45E-03	365.7	13.1	0.19E-02	0.28E-02
235.9	12.8	0.34E-03	0.42E-03	367.5	13.1	0.23E-02	0.35E-02
237.8	12.8	0.24E-03	0.28E-03	369.4	13.1	0.31E-02	0.51E-02
239.7	12.8	0.65E-03	0.86E-03	371.3	13.1	0.30E-02	0.50E-02
241.6	12.8	0.72E-04	0.81E-04	373.2	13.1	0.92E-02	0.17E-01
243.5	12.8	0.15E-03	0.17E-03	375.1	13.1	0.60E-02	0.11E-01
245.3	12.8	0.56E-04	0.63E-04	376.9	13.1	0.40E-02	0.65E-02
247.2	12.9	0.49E-04	0.54E-04	378.8	13.1	0.53E-02	0.97E-02
249.1	13.0	0.56E-03	0.74E-03	380.7	13.1	0.43E-02	0.70E-02
251.0	13.0	0.14E-02	0.20E-02	382.6	13.1	0.16E-02	0.22E-02
252.9	13.0	0.72E-03	0.95E-03	384.5	13.1	0.26E-02	0.40E-02
254.7	13.0	0.14E-03	0.17E-03	386.3	13.1	0.23E-02	0.34E-02
256.6	13.0	0.23E-02	0.35E-02	388.2	13.1	0.26E-02	0.39E-02
258.5	13.1	0.20E-02	0.30E-02	390.1	13.1	0.27E-02	0.45E-02
260.4	13.1	0.22E-02	0.34E-02	392.0	13.1	0.32E-02	0.52E-02
262.3	13.1	0.14E-02	0.19E-02	393.9	13.1	0.23E-02	0.35E-02
264.1	13.1	0.17E-02	0.26E-02	395.7	13.1	0.25E-02	0.37E-02
266.0	13.1	0.19E-02	0.30E-02	397.6	13.1	0.29E-02	0.47E-02
267.9	13.1	0.13E-02	0.18E-02	399.5	13.0	0.24E-02	0.37E-02
269.8	13.1	0.99E-03	0.14E-02	401.4	13.0	0.25E-02	0.38E-02
271.7	13.1	0.12E-02	0.17E-02	403.3	13.0	0.44E-02	0.73E-02
273.5	13.2	0.71E-03	0.93E-03	405.1	13.0	0.32E-02	0.52E-02
275.4	13.3	0.39E-03	0.48E-03	407.0	13.1	0.43E-02	0.71E-02
277.3	13.3	0.40E-03	0.50E-03	408.9	13.0	0.61E-02	0.11E-01
279.2	13.4	0.86E-04	0.97E-04	410.8	13.0	0.59E-02	0.11E-01
281.1	13.4	0.13E-03	0.15E-03	412.7	13.0	0.28E-02	0.46E-02
282.9	13.3	0.11E-03	0.13E-03	414.5	13.0	0.64E-02	0.12E-01
284.8	13.2	0.23E-03	0.27E-03	416.4	13.0	0.61E-02	0.11E-01
286.7	13.1	0.29E-03	0.34E-03	418.3	13.0	0.11E-01	0.19E-01
288.6	13.1	0.12E-03	0.14E-03				
290.5	13.0	0.22E-03	0.26E-03				
292.3	13.0	0.41E-03	0.51E-03				
294.2	13.0	0.57E-03	0.75E-03				
296.1	13.0	0.93E-04	0.10E-03				
298.0	13.0	0.15E-03	0.17E-03				
299.9	13.0	0.29E-03	0.34E-03				
301.7	13.0	0.12E-03	0.14E-03				
303.6	13.0	0.21E-03	0.25E-03				
305.5	13.0	0.80E-04	0.89E-04				
307.4	13.0	0.93E-04	0.10E-03				
309.3	13.0	0.47E-03	0.59E-03				
311.1	13.1	0.20E-03	0.23E-03				
313.0	13.1	0.13E-03	0.15E-03				
314.9	13.1	0.11E-03	0.13E-03				
316.8	13.1	0.13E-03	0.15E-03				
318.7	13.1	0.26E-03	0.31E-03				
320.5	13.1	0.15E-03	0.18E-03				
322.4	13.1	0.63E-03	0.83E-03				
324.3	13.1	0.43E-03	0.54E-03				
326.2	13.1	0.30E-03	0.35E-03				
328.1	13.1	0.67E-03	0.88E-03				
329.9	13.1	0.26E-03	0.31E-03				
331.8	13.1	0.12E-03	0.14E-03				
333.7	13.1	0.51E-03	0.64E-03				
335.6	13.1	0.23E-03	0.28E-03				
337.5	13.1	0.16E-03	0.18E-03				

Bottom Salinity = 38.215



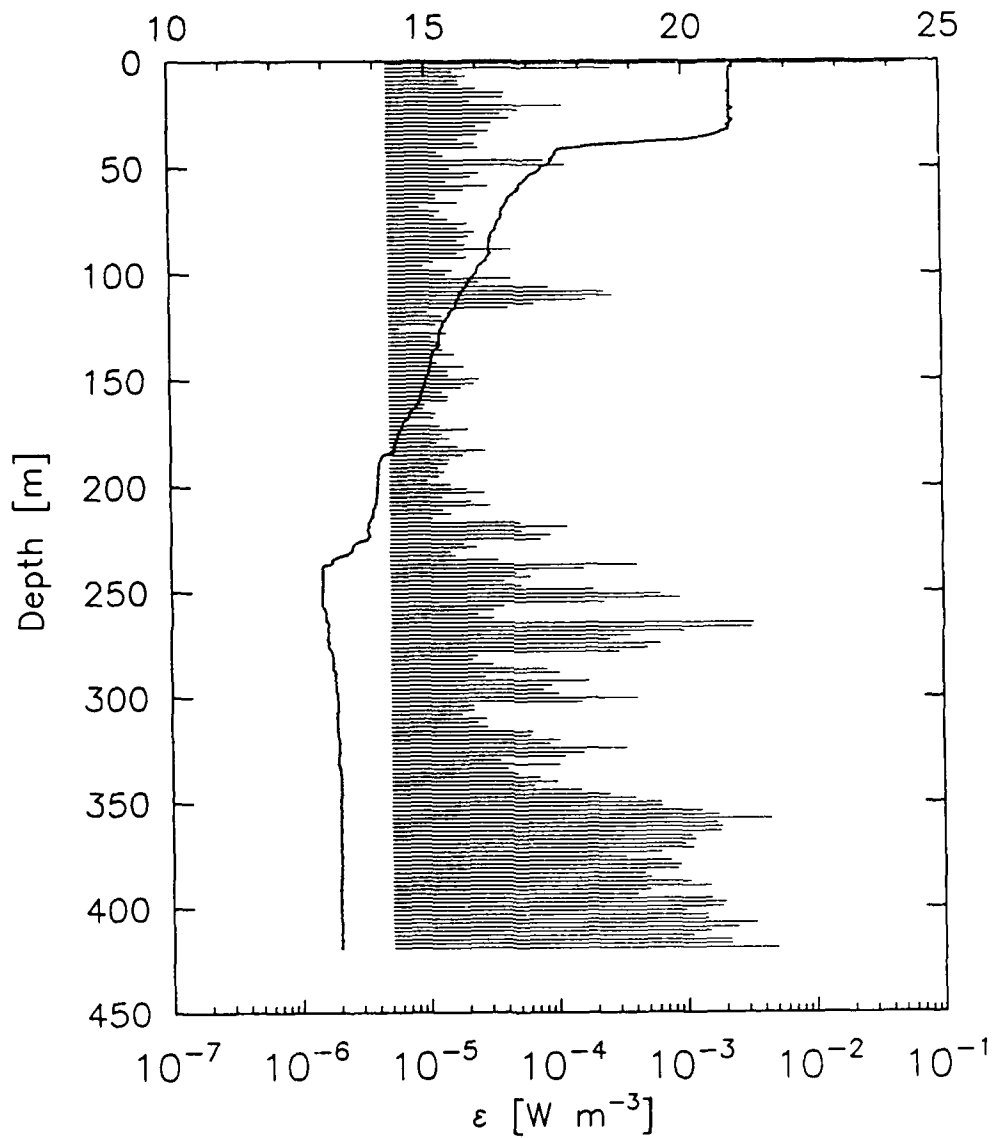
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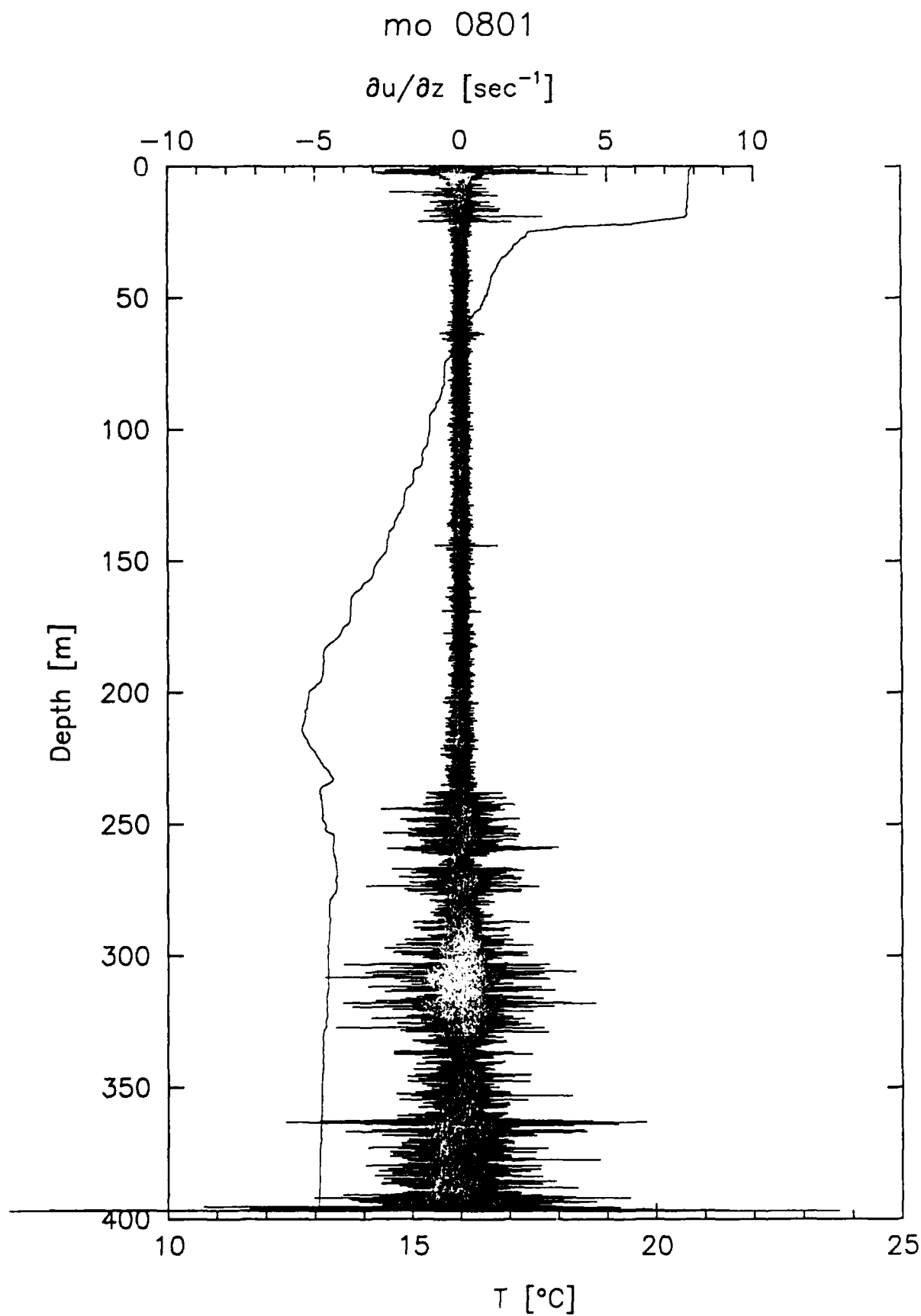
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 0.2008 S P Sensitivity
 low Gain
 453 Temp Freq
 1 Deck Receiver
 SBL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 1.98 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.0	21.0	0.56E-01	0.10E+00	109.9	15.6	0.28E-03	0.33E-03
3.0	21.0	0.29E-03	0.34E-03	111.9	15.6	0.18E-03	0.20E-03
4.9	20.9	0.17E-04	0.18E-04	113.8	15.6	0.69E-04	0.78E-04
6.9	20.9	0.21E-04	0.23E-04	115.8	15.6	0.43E-04	0.47E-04
8.9	20.9	0.18E-04	0.20E-04	117.8	15.5	0.10E-04	0.11E-04
10.9	20.9	0.19E-04	0.20E-04	119.8	15.4	0.13E-04	0.14E-04
12.9	20.9	0.25E-04	0.27E-04	121.8	15.4	0.14E-04	0.15E-04
14.8	20.9	0.42E-04	0.46E-04	123.8	15.3	0.12E-04	0.13E-04
16.8	20.9	0.41E-04	0.45E-04	125.7	15.3	0.61E-05	0.64E-05
18.8	20.9	0.23E-04	0.24E-04	127.7	15.2	0.14E-04	0.15E-04
20.8	20.9	0.12E-03	0.14E-03	129.7	15.2	0.11E-04	0.11E-04
22.8	20.9	0.53E-04	0.59E-04	131.7	15.2	0.12E-04	0.13E-04
24.8	20.9	0.39E-04	0.43E-04	133.6	15.2	0.13E-04	0.13E-04
26.7	20.9	0.45E-04	0.50E-04	135.6	15.2	0.13E-04	0.14E-04
28.7	21.0	0.33E-04	0.36E-04	137.6	15.1	0.16E-04	0.17E-04
30.7	20.9	0.25E-04	0.27E-04	139.6	15.1	0.11E-04	0.12E-04
32.7	20.9	0.32E-04	0.35E-04	141.6	15.1	0.12E-04	0.13E-04
34.7	20.7	0.26E-04	0.28E-04	143.5	15.1	0.19E-04	0.21E-04
36.6	20.2	0.19E-04	0.20E-04	145.5	15.0	0.14E-04	0.15E-04
38.6	19.0	0.25E-04	0.27E-04	147.5	15.0	0.15E-04	0.16E-04
40.6	18.0	0.26E-04	0.28E-04	149.5	15.0	0.26E-04	0.28E-04
42.6	17.6	0.13E-04	0.13E-04	151.5	15.0	0.23E-04	0.25E-04
44.6	17.5	0.14E-04	0.15E-04	153.4	14.9	0.18E-04	0.20E-04
46.5	17.4	0.84E-04	0.94E-04	155.4	14.9	0.13E-04	0.14E-04
48.5	17.4	0.12E-03	0.14E-03	157.4	14.9	0.15E-04	0.15E-04
50.5	17.2	0.16E-04	0.17E-04	159.4	14.9	0.15E-04	0.15E-04
52.5	17.1	0.26E-04	0.28E-04	161.4	14.8	0.96E-05	0.10E-04
54.5	17.0	0.23E-04	0.24E-04	163.4	14.8	0.93E-05	0.98E-05
56.4	16.9	0.15E-04	0.16E-04	165.3	14.7	0.12E-04	0.12E-04
58.4	16.8	0.31E-04	0.34E-04	167.3	14.6	0.11E-04	0.12E-04
60.4	16.8	0.20E-04	0.21E-04	169.3	14.6	0.63E-05	0.66E-05
62.4	16.7	0.12E-04	0.13E-04	171.3	14.5	0.12E-04	0.13E-04
64.3	16.6	0.12E-04	0.13E-04	173.3	14.5	0.21E-04	0.22E-04
66.3	16.6	0.18E-04	0.19E-04	175.2	14.4	0.13E-04	0.14E-04
68.3	16.5	0.90E-05	0.95E-05	177.2	14.4	0.15E-04	0.16E-04
70.3	16.5	0.13E-04	0.14E-04	179.2	14.4	0.12E-04	0.13E-04
72.3	16.5	0.12E-04	0.13E-04	181.2	14.3	0.17E-04	0.18E-04
74.3	16.4	0.15E-04	0.16E-04	183.1	14.3	0.28E-04	0.30E-04
76.2	16.4	0.21E-04	0.23E-04	185.1	14.2	0.19E-04	0.20E-04
78.2	16.4	0.18E-04	0.19E-04	187.1	14.1	0.15E-04	0.16E-04
80.2	16.3	0.24E-04	0.26E-04	189.1	14.1	0.14E-04	0.15E-04
82.2	16.3	0.22E-04	0.23E-04	191.1	14.0	0.12E-04	0.13E-04
84.1	16.2	0.18E-04	0.19E-04	193.0	14.0	0.14E-04	0.14E-04
86.1	16.2	0.20E-04	0.22E-04	195.0	14.0	0.12E-04	0.13E-04
88.1	16.2	0.46E-04	0.51E-04	197.0	14.0	0.98E-05	0.10E-04
90.1	16.2	0.18E-04	0.19E-04	199.0	14.0	0.15E-04	0.16E-04
92.1	16.2	0.21E-04	0.22E-04	201.0	14.0	0.20E-04	0.22E-04
94.1	16.1	0.11E-04	0.12E-04	202.9	14.0	0.27E-04	0.30E-04
96.0	16.0	0.94E-05	0.99E-05	204.9	14.0	0.13E-04	0.14E-04
98.0	16.0	0.16E-04	0.17E-04	206.9	14.0	0.22E-04	0.23E-04
100.0	15.9	0.14E-04	0.15E-04	208.9	14.0	0.31E-04	0.33E-04
102.0	15.9	0.45E-04	0.50E-04	210.9	13.9	0.13E-04	0.14E-04
103.9	15.8	0.25E-04	0.27E-04	212.9	13.9	0.15E-04	0.16E-04
105.9	15.8	0.89E-04	0.10E-03	214.8	13.9	0.11E-04	0.11E-04
107.9	15.7	0.24E-03	0.28E-03	216.8	13.9	0.52E-04	0.57E-04

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
218.8	13.8	0.12E-03	0.14E-03	357.4	13.3	0.45E-02	0.74E-02
220.8	13.8	0.53E-04	0.58E-04	359.4	13.3	0.17E-02	0.26E-02
222.8	13.8	0.89E-04	0.10E-03	361.3	13.3	0.19E-02	0.28E-02
224.7	13.8	0.74E-04	0.84E-04	363.3	13.3	0.18E-02	0.28E-02
226.7	13.6	0.19E-04	0.20E-04	365.3	13.3	0.11E-02	0.15E-02
228.7	13.5	0.24E-04	0.26E-04	367.3	13.3	0.12E-02	0.16E-02
230.7	13.5	0.15E-04	0.16E-04	369.3	13.3	0.97E-03	0.14E-02
232.6	13.4	0.16E-04	0.17E-04	371.3	13.3	0.11E-02	0.16E-02
234.6	13.2	0.35E-04	0.39E-04	373.2	13.3	0.63E-03	0.83E-03
236.6	13.1	0.42E-03	0.53E-03	375.2	13.3	0.33E-03	0.41E-03
238.6	12.9	0.16E-03	0.19E-03	377.2	13.3	0.74E-03	0.98E-03
240.6	12.9	0.48E-04	0.53E-04	379.2	13.3	0.88E-03	0.12E-02
242.5	12.9	0.62E-04	0.69E-04	381.1	13.3	0.84E-03	0.11E-02
244.5	12.9	0.39E-04	0.42E-04	383.1	13.3	0.46E-03	0.58E-03
246.5	12.9	0.52E-04	0.57E-04	385.1	13.3	0.51E-03	0.64E-03
248.5	12.9	0.19E-03	0.23E-03	387.1	13.3	0.11E-02	0.15E-02
250.5	12.9	0.63E-03	0.83E-03	389.1	13.3	0.15E-02	0.21E-02
252.4	12.9	0.90E-03	0.12E-02	391.0	13.2	0.51E-03	0.64E-03
254.4	12.9	0.23E-03	0.28E-03	393.0	13.3	0.41E-03	0.52E-03
256.4	12.9	0.38E-04	0.42E-04	395.0	13.3	0.16E-02	0.22E-02
258.4	13.0	0.32E-04	0.35E-04	397.0	13.3	0.20E-02	0.30E-02
260.4	13.0	0.24E-04	0.25E-04	399.0	13.3	0.19E-02	0.28E-02
262.3	13.0	0.32E-04	0.35E-04	401.0	13.3	0.98E-03	0.14E-02
264.3	13.0	0.33E-02	0.54E-02	402.9	13.3	0.14E-02	0.20E-02
266.3	13.0	0.32E-02	0.52E-02	404.9	13.3	0.14E-02	0.20E-02
268.3	13.0	0.98E-03	0.14E-02	406.9	13.3	0.35E-02	0.57E-02
270.3	13.1	0.37E-03	0.47E-03	408.9	13.3	0.25E-02	0.37E-02
272.3	13.0	0.26E-03	0.31E-03	410.8	13.3	0.15E-02	0.21E-02
274.2	13.1	0.64E-03	0.84E-03	412.8	13.3	0.11E-02	0.15E-02
276.2	13.1	0.51E-03	0.64E-03	414.8	13.3	0.22E-02	0.33E-02
278.2	13.1	0.31E-03	0.36E-03	416.8	13.2	0.22E-02	0.33E-02
280.2	13.1	0.24E-04	0.26E-04	418.8	13.3	0.51E-02	0.92E-02
282.1	13.1	0.22E-04	0.24E-04				
284.1	13.1	0.32E-04	0.35E-04				
286.1	13.1	0.83E-04	0.93E-04				
288.1	13.2	0.10E-03	0.12E-03				
290.1	13.2	0.28E-04	0.30E-04				
292.0	13.2	0.18E-03	0.20E-03				
294.0	13.2	0.90E-04	0.10E-03				
296.0	13.2	0.78E-04	0.87E-04				
298.0	13.2	0.10E-03	0.12E-03				
300.0	13.2	0.41E-03	0.52E-03				
302.0	13.2	0.16E-03	0.18E-03				
303.9	13.2	0.22E-04	0.24E-04				
305.9	13.2	0.22E-04	0.24E-04				
307.9	13.2	0.18E-04	0.20E-04				
309.9	13.2	0.28E-04	0.30E-04				
311.8	13.2	0.24E-04	0.26E-04				
313.8	13.2	0.29E-04	0.31E-04				
315.8	13.2	0.64E-04	0.72E-04				
317.8	13.2	0.62E-04	0.69E-04				
319.8	13.2	0.10E-03	0.12E-03				
321.8	13.2	0.86E-04	0.97E-04				
323.7	13.2	0.34E-03	0.43E-03				
325.7	13.2	0.16E-03	0.18E-03				
327.7	13.2	0.11E-03	0.13E-03				
329.7	13.2	0.36E-04	0.39E-04				
331.6	13.2	0.10E-03	0.12E-03				
333.6	13.2	0.40E-04	0.44E-04				
335.6	13.3	0.49E-04	0.53E-04				
337.6	13.3	0.72E-04	0.81E-04				
339.6	13.3	0.97E-04	0.11E-03				
341.5	13.3	0.64E-04	0.72E-04				
343.5	13.3	0.15E-03	0.17E-03				
345.5	13.3	0.25E-03	0.30E-03				
347.5	13.3	0.40E-03	0.50E-03				
349.5	13.3	0.63E-03	0.83E-03				
351.5	13.3	0.64E-03	0.84E-03				
353.4	13.3	0.13E-02	0.18E-02				
355.4	13.3	0.18E-02	0.27E-02				

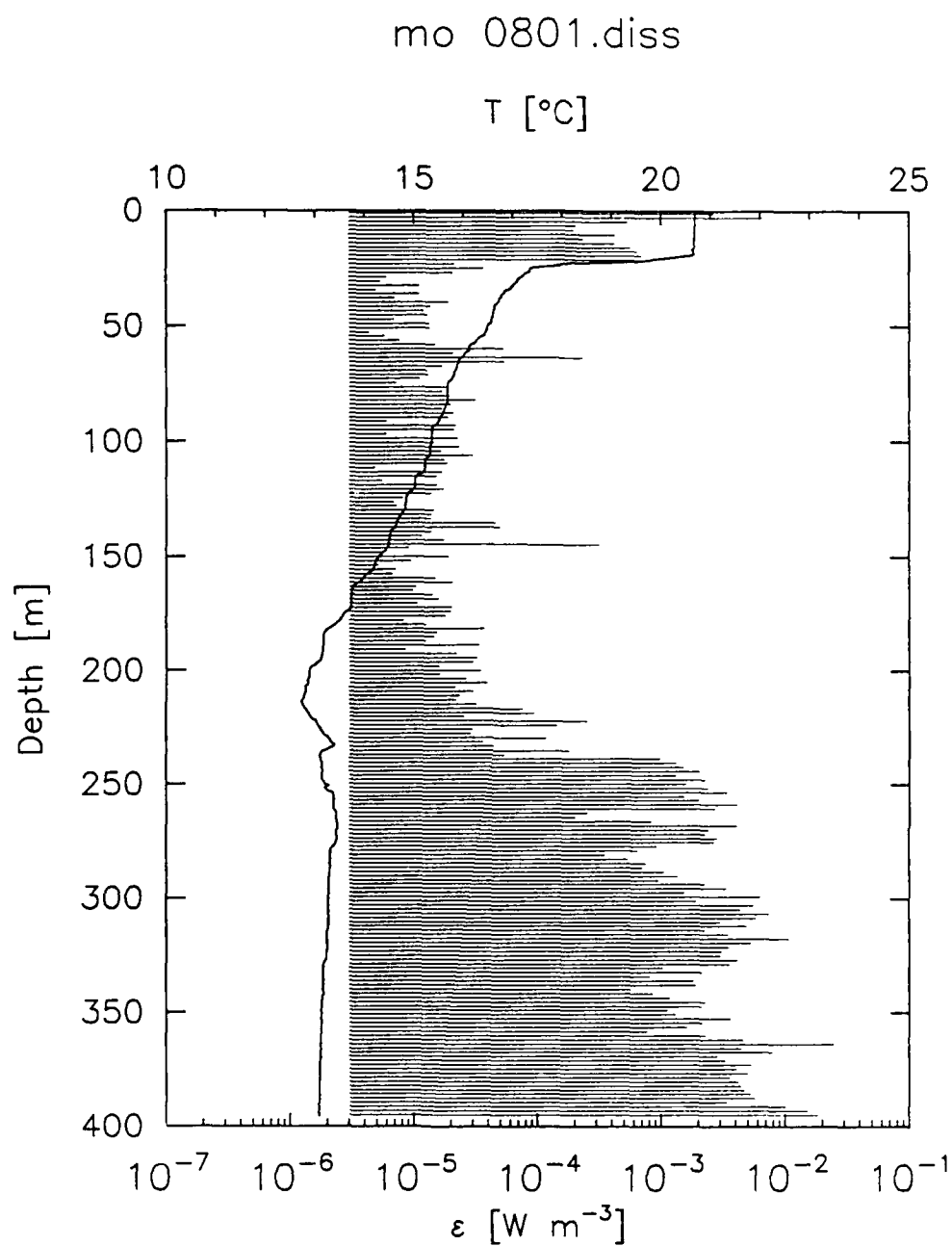
Bottom Salinity = 38.715



shear highpass: 10.

shear lowpass: 200.

temp lowpass: 3.



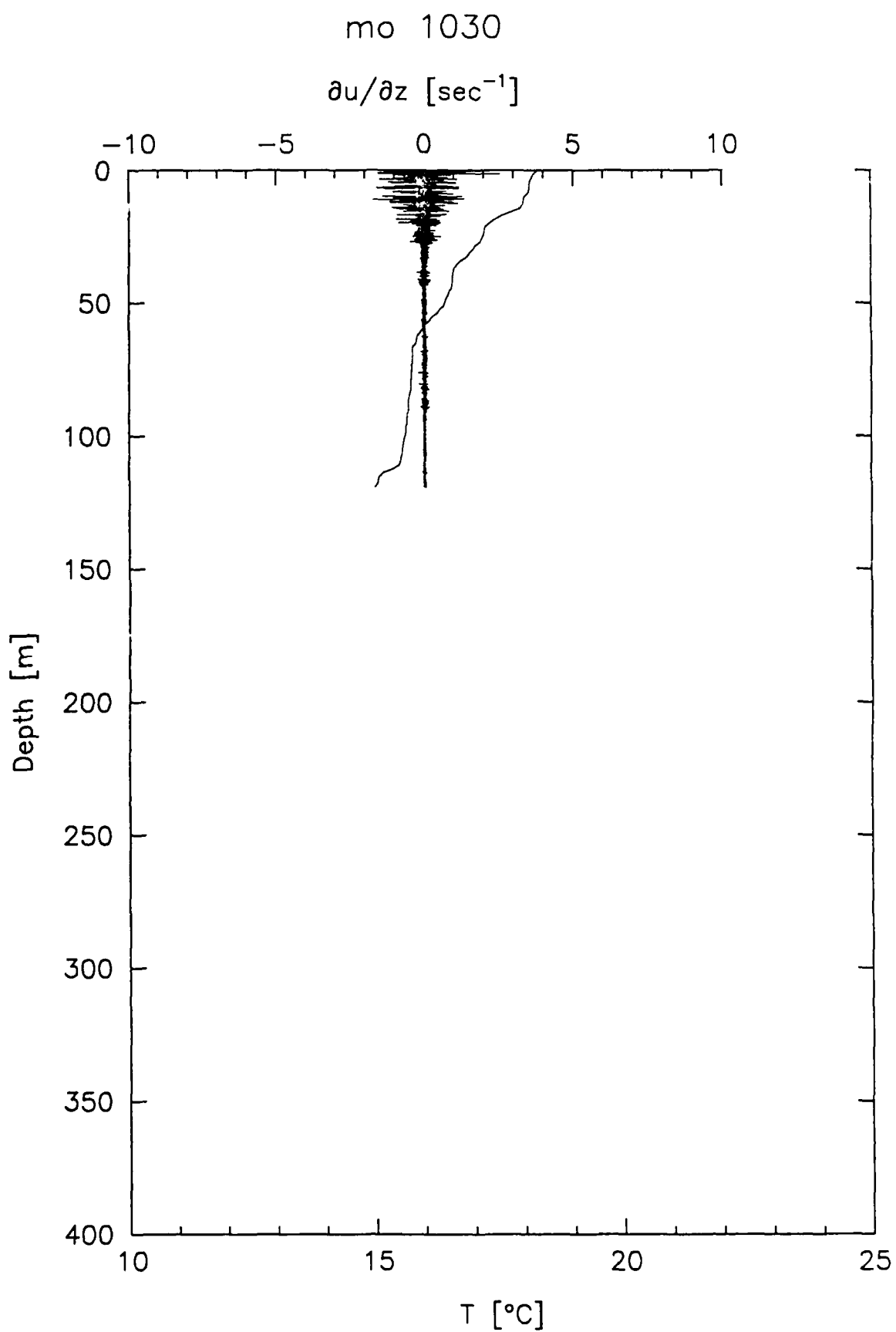
35 51.41 6 00.84 Lat/Lon
 21 SEP 1988 15:48 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

801 XDP
 2 Site Number
 19882651548 21 SEP 1988 15:48 GMT
 19890461948 16 FEB 1989 19:48 GMT Digitized
 35 51.41 6 00.84 Lat/Lon
 397 Depth (m)
 1024 Sampling Rate
 0.2040 S P Sensitivity
 low Gain
 446 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 1.84 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
0.9	20.7	0.27E-02	0.41E-02	102.1	15.3	0.23E-04	0.25E-04
2.8	20.7	0.66E-02	0.12E-01	104.0	15.3	0.17E-04	0.18E-04
4.6	20.7	0.54E-03	0.67E-03	105.8	15.3	0.30E-04	0.32E-04
6.4	20.7	0.20E-03	0.24E-03	107.6	15.2	0.18E-04	0.19E-04
8.3	20.7	0.20E-03	0.24E-03	109.5	15.2	0.19E-04	0.20E-04
10.1	20.7	0.43E-03	0.53E-03	111.3	15.2	0.48E-05	0.50E-05
12.0	20.7	0.23E-03	0.28E-03	113.2	15.2	0.17E-04	0.18E-04
13.8	20.7	0.42E-03	0.53E-03	115.0	15.1	0.15E-04	0.16E-04
15.6	20.7	0.56E-03	0.74E-03	116.8	15.0	0.55E-05	0.58E-05
17.5	20.6	0.64E-03	0.84E-03	118.7	15.0	0.15E-04	0.16E-04
19.3	20.5	0.69E-03	0.91E-03	120.5	15.0	0.17E-04	0.19E-04
21.2	19.8	0.69E-03	0.91E-03	122.4	14.9	0.14E-04	0.15E-04
23.0	18.3	0.21E-04	0.23E-04	124.2	14.8	0.81E-05	0.86E-05
24.8	17.4	0.37E-04	0.40E-04	126.0	14.8	0.69E-05	0.72E-05
26.7	17.3	0.21E-04	0.22E-04	127.9	14.8	0.72E-05	0.76E-05
28.5	17.2	0.60E-05	0.63E-05	129.7	14.8	0.15E-04	0.15E-04
30.4	17.1	0.53E-05	0.56E-05	131.6	14.7	0.14E-04	0.15E-04
32.2	17.0	0.11E-04	0.12E-04	133.4	14.7	0.14E-04	0.15E-04
34.0	16.9	0.49E-05	0.52E-05	135.2	14.6	0.45E-04	0.50E-04
35.9	16.8	0.11E-04	0.12E-04	137.1	14.6	0.50E-04	0.54E-04
37.7	16.8	0.70E-05	0.73E-05	138.9	14.5	0.14E-04	0.15E-04
39.6	16.7	0.19E-04	0.20E-04	140.8	14.5	0.12E-04	0.12E-04
41.4	16.6	0.14E-04	0.15E-04	142.6	14.5	0.17E-04	0.19E-04
43.2	16.6	0.12E-04	0.13E-04	144.4	14.5	0.31E-03	0.37E-03
45.1	16.6	0.13E-04	0.14E-04	146.3	14.5	0.90E-05	0.95E-05
46.9	16.6	0.70E-05	0.73E-05	148.1	14.4	0.57E-05	0.60E-05
48.8	16.5	0.13E-04	0.14E-04	150.0	14.3	0.19E-04	0.21E-04
50.6	16.5	0.13E-04	0.14E-04	151.8	14.2	0.94E-05	0.99E-05
52.4	16.5	0.43E-05	0.45E-05	153.6	14.2	0.52E-05	0.54E-05
54.3	16.4	0.57E-05	0.60E-05	155.5	14.2	0.71E-05	0.74E-05
56.1	16.3	0.76E-05	0.80E-05	157.3	14.1	0.67E-05	0.71E-05
58.0	16.2	0.15E-04	0.16E-04	159.2	14.0	0.15E-04	0.16E-04
59.8	16.1	0.53E-04	0.58E-04	161.0	13.9	0.20E-04	0.22E-04
61.6	16.1	0.21E-04	0.23E-04	162.8	13.8	0.10E-04	0.11E-04
63.5	16.0	0.23E-03	0.27E-03	164.7	13.7	0.97E-05	0.10E-04
65.3	15.9	0.54E-04	0.59E-04	166.5	13.7	0.14E-04	0.15E-04
67.2	15.9	0.17E-04	0.18E-04	168.4	13.7	0.16E-04	0.17E-04
69.0	15.8	0.13E-04	0.14E-04	170.2	13.7	0.11E-04	0.11E-04
70.8	15.8	0.13E-04	0.14E-04	172.0	13.7	0.20E-04	0.22E-04
72.7	15.8	0.11E-04	0.12E-04	173.9	13.6	0.20E-04	0.21E-04
74.5	15.7	0.72E-05	0.76E-05	175.7	13.6	0.18E-04	0.19E-04
76.4	15.7	0.18E-04	0.19E-04	177.6	13.5	0.83E-05	0.87E-05
78.2	15.7	0.17E-04	0.18E-04	179.4	13.4	0.13E-04	0.13E-04
80.0	15.7	0.19E-04	0.21E-04	181.2	13.3	0.37E-04	0.41E-04
81.9	15.7	0.31E-04	0.35E-04	183.1	13.2	0.15E-04	0.16E-04
83.7	15.6	0.20E-04	0.21E-04	184.9	13.2	0.15E-04	0.16E-04
85.6	15.6	0.17E-04	0.18E-04	186.8	13.2	0.12E-04	0.13E-04
87.4	15.6	0.21E-04	0.23E-04	188.6	13.2	0.34E-04	0.37E-04
89.2	15.5	0.19E-04	0.20E-04	190.4	13.2	0.85E-05	0.89E-05
91.1	15.5	0.60E-05	0.64E-05	192.3	13.1	0.22E-04	0.24E-04
92.9	15.4	0.22E-04	0.24E-04	194.1	13.1	0.33E-04	0.36E-04
94.8	15.4	0.21E-04	0.23E-04	196.0	13.1	0.30E-04	0.32E-04
96.6	15.4	0.61E-05	0.64E-05	197.8	13.0	0.16E-04	0.17E-04
98.4	15.4	0.23E-04	0.24E-04	199.6	12.9	0.35E-04	0.38E-04
100.3	15.4	0.14E-04	0.15E-04	201.5	12.9	0.16E-04	0.17E-04

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
203.3	12.9	0.26E-04	0.28E-04	332.1	13.2	0.22E-02	0.33E-02
205.2	12.8	0.39E-04	0.43E-04	334.0	13.2	0.81E-03	0.11E-02
207.0	12.8	0.22E-04	0.23E-04	335.8	13.2	0.18E-02	0.28E-02
208.8	12.8	0.30E-04	0.33E-04	337.6	13.2	0.19E-02	0.29E-02
210.7	12.8	0.23E-04	0.25E-04	339.5	13.2	0.57E-03	0.75E-03
212.5	12.6	0.22E-04	0.24E-04	341.3	13.2	0.86E-03	0.11E-02
214.4	12.7	0.32E-04	0.35E-04	343.2	13.2	0.12E-02	0.16E-02
216.2	12.8	0.76E-04	0.85E-04	345.0	13.1	0.23E-02	0.34E-02
218.0	12.8	0.94E-04	0.11E-03	346.8	13.1	0.21E-02	0.32E-02
219.9	12.9	0.25E-04	0.27E-04	348.7	13.1	0.11E-02	0.16E-02
221.7	13.0	0.25E-03	0.30E-03	350.5	13.1	0.13E-02	0.18E-02
223.6	13.0	0.14E-03	0.16E-03	352.4	13.1	0.36E-02	0.60E-02
225.4	13.1	0.30E-04	0.32E-04	354.2	13.1	0.21E-02	0.32E-02
227.2	13.2	0.28E-04	0.30E-04	356.0	13.1	0.16E-02	0.25E-02
229.1	13.2	0.12E-03	0.13E-03	357.9	13.1	0.77E-03	0.10E-02
230.9	13.3	0.36E-04	0.40E-04	359.7	13.1	0.23E-02	0.35E-02
232.8	13.4	0.44E-04	0.48E-04	361.6	13.1	0.44E-02	0.84E-02
234.6	13.2	0.18E-03	0.21E-03	363.4	13.1	0.25E-01	0.45E-01
236.4	13.1	0.53E-04	0.59E-04	365.2	13.1	0.44E-02	0.73E-02
238.3	13.1	0.98E-03	0.14E-02	367.1	13.1	0.79E-02	0.14E-01
240.1	13.1	0.13E-02	0.19E-02	368.9	13.1	0.28E-02	0.47E-02
242.0	13.1	0.15E-02	0.21E-02	370.8	13.1	0.33E-02	0.54E-02
243.8	13.2	0.20E-02	0.31E-02	372.6	13.1	0.54E-02	0.98E-02
245.6	13.1	0.13E-02	0.19E-02	374.4	13.1	0.41E-02	0.67E-02
247.5	13.1	0.23E-02	0.34E-02	376.3	13.1	0.50E-02	0.91E-02
249.3	13.2	0.16E-02	0.22E-02	378.1	13.1	0.36E-02	0.59E-02
251.2	13.2	0.24E-02	0.36E-02	380.0	13.1	0.42E-02	0.69E-02
253.0	13.3	0.34E-02	0.55E-02	381.8	13.1	0.44E-02	0.72E-02
254.8	13.4	0.16E-02	0.22E-02	383.6	13.1	0.47E-02	0.85E-02
256.7	13.4	0.20E-02	0.31E-02	385.5	13.1	0.53E-02	0.96E-02
258.5	13.4	0.41E-02	0.67E-02	387.3	13.1	0.57E-02	0.10E-01
260.4	13.4	0.27E-02	0.45E-02	389.2	13.1	0.34E-02	0.56E-02
262.2	13.4	0.25E-03	0.30E-03	391.0	13.1	0.10E-01	0.19E-01
264.0	13.4	0.20E-03	0.24E-03	392.8	13.1	0.15E-01	0.28E-01
265.9	13.4	0.83E-03	0.11E-02	394.7	13.1	0.18E-01	0.33E-01
267.7	13.4	0.41E-02	0.67E-02				
269.6	13.4	0.24E-02	0.37E-02				
271.4	13.4	0.23E-02	0.35E-02				
273.2	13.4	0.28E-02	0.46E-02				
275.1	13.4	0.27E-02	0.44E-02				
276.9	13.4	0.92E-03	0.12E-02				
278.8	13.3	0.65E-03	0.85E-03				
280.6	13.3	0.35E-03	0.44E-03				
282.4	13.3	0.54E-03	0.68E-03				
284.3	13.3	0.75E-03	0.98E-03				
286.1	13.3	0.70E-03	0.92E-03				
288.0	13.3	0.11E-02	0.15E-02				
289.8	13.3	0.14E-02	0.19E-02				
291.6	13.3	0.95E-03	0.12E-02				
293.5	13.3	0.22E-02	0.34E-02				
295.3	13.3	0.33E-02	0.54E-02				
297.2	13.3	0.15E-02	0.22E-02				
299.0	13.3	0.63E-02	0.11E-01				
300.8	13.3	0.19E-02	0.29E-02				
302.7	13.3	0.55E-02	0.10E-01				
304.5	13.3	0.44E-02	0.72E-02				
306.4	13.3	0.74E-02	0.14E-01				
308.2	13.3	0.58E-02	0.11E-01				
310.0	13.3	0.30E-02	0.49E-02				
311.9	13.3	0.49E-02	0.89E-02				
313.7	13.3	0.22E-02	0.34E-02				
315.6	13.2	0.35E-02	0.57E-02				
317.4	13.2	0.11E-01	0.20E-01				
319.2	13.2	0.53E-02	0.97E-02				
321.1	13.2	0.35E-02	0.57E-02				
322.9	13.2	0.31E-02	0.50E-02				
324.8	13.2	0.30E-02	0.49E-02				
326.6	13.2	0.41E-02	0.68E-02				
328.4	13.2	0.35E-02	0.58E-02				
330.3	13.2	0.10E-02	0.15E-02				

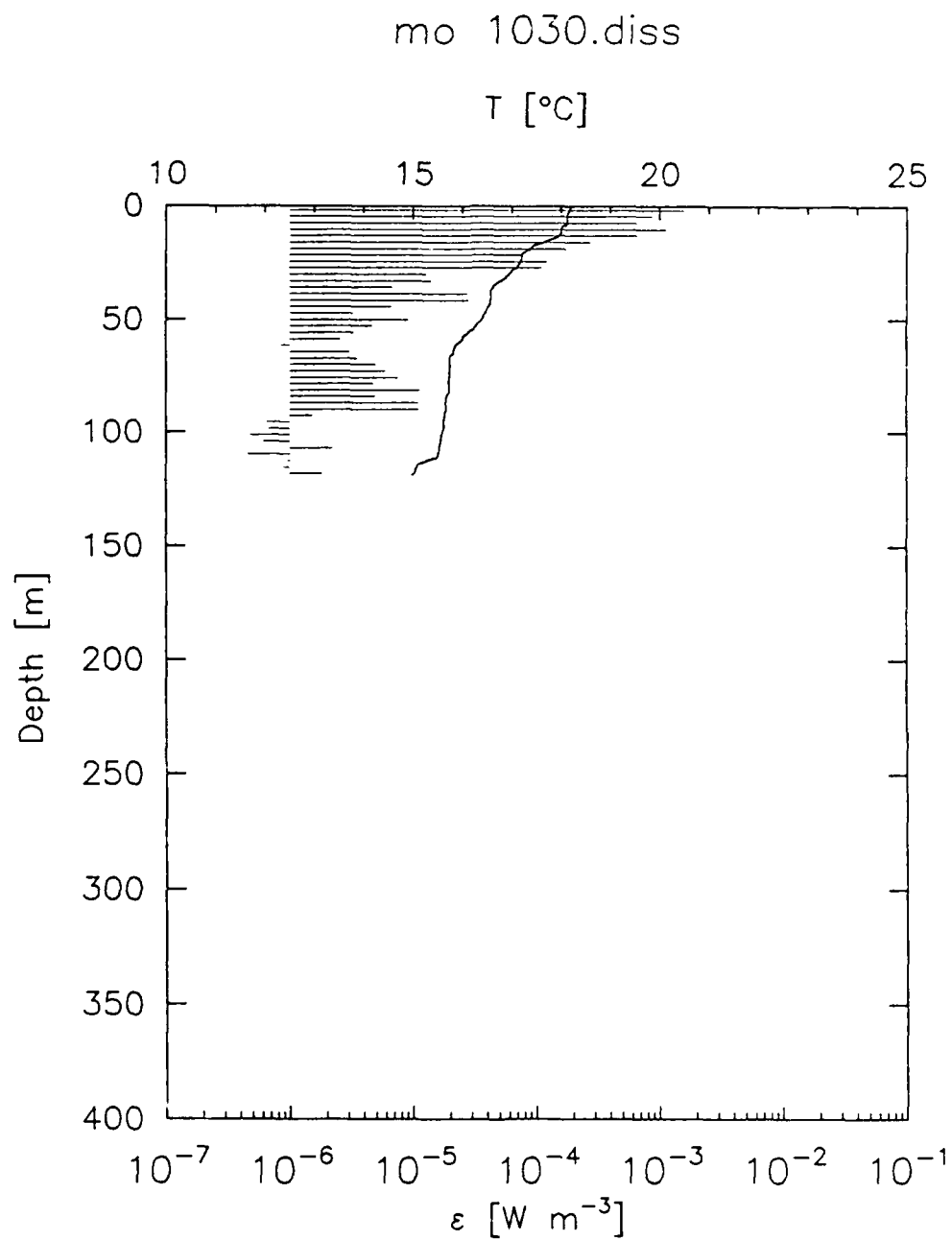
Bottom Salinity = 38.262



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.

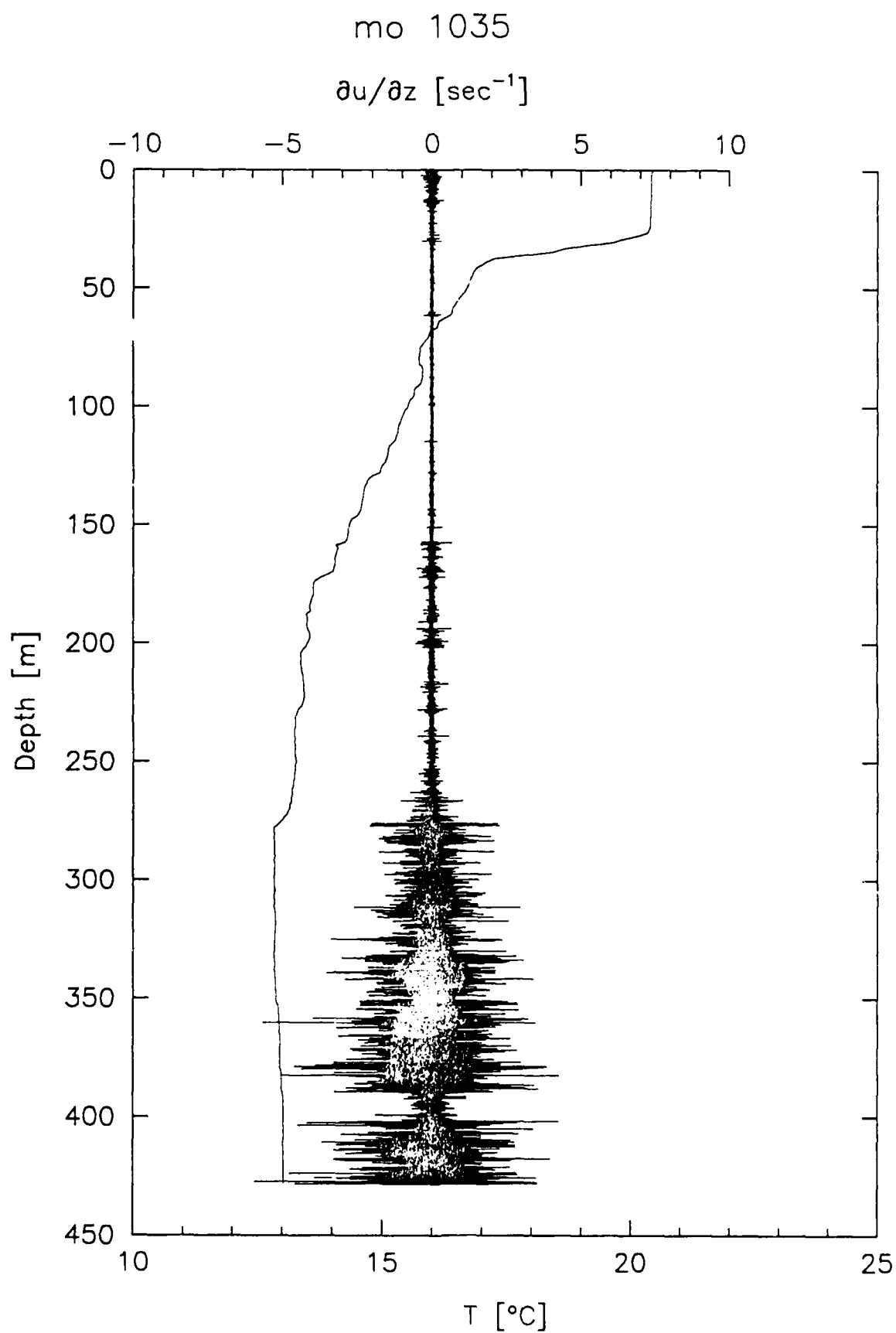


35 53.36 5 52.35 Lat/Lon
 21 SEP 1988 17:14 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

1030 XDP
 3 Site Number
 19882651714 21 SEP 1988 17:14 GMT
 19890442054 14 FEB 1989 20:54 GMT Digitized
 35 53.36 5 52.35 Lat/Lon
 380 Depth (m)
 1024 Sampling Rate
 0.3860 S P Sensitivity
 high Gain
 445 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Outflow Experiment
 2.84 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	18.2	0.16E-02	0.22E-02
4.3	18.1	0.86E-03	0.11E-02
7.1	18.1	0.64E-03	0.85E-03
9.9	18.0	0.11E-02	0.16E-02
12.8	18.0	0.65E-03	0.86E-03
15.6	17.7	0.27E-03	0.32E-03
18.5	17.4	0.17E-03	0.20E-03
21.3	17.2	0.77E-04	0.86E-04
24.1	17.2	0.12E-03	0.14E-03
27.0	17.1	0.11E-03	0.13E-03
29.8	17.0	0.13E-04	0.14E-04
32.7	16.8	0.14E-04	0.15E-04
35.5	16.6	0.67E-05	0.71E-05
38.3	16.6	0.27E-04	0.30E-04
41.2	16.6	0.28E-04	0.30E-04
44.0	16.5	0.66E-05	0.70E-05
46.9	16.5	0.32E-05	0.34E-05
49.7	16.4	0.91E-05	0.96E-05
52.5	16.3	0.47E-05	0.49E-05
55.4	16.1	0.33E-05	0.34E-05
58.2	16.0	0.26E-05	0.26E-05
61.1	15.9	0.85E-06	0.87E-06
63.9	15.8	0.30E-05	0.32E-05
66.7	15.8	0.35E-05	0.37E-05
69.6	15.8	0.50E-05	0.52E-05
72.4	15.7	0.59E-05	0.63E-05
75.3	15.7	0.75E-05	0.79E-05
78.1	15.7	0.47E-05	0.49E-05
80.9	15.7	0.11E-04	0.12E-04
83.8	15.7	0.50E-05	0.52E-05
86.6	15.7	0.11E-04	0.12E-04
89.5	15.7	0.11E-04	0.12E-04
92.3	15.6	0.15E-05	0.16E-05
95.1	15.6	0.66E-06	0.67E-06
98.0	15.6	0.68E-06	0.69E-06
100.8	15.6	0.48E-06	0.48E-06
103.7	15.6	0.61E-06	0.62E-06
106.5	15.5	0.22E-05	0.23E-05
109.3	15.5	0.46E-06	0.46E-06
112.2	15.3	0.96E-06	0.98E-06
115.0	15.1	0.88E-06	0.90E-06
117.9	15.0	0.18E-05	0.19E-05

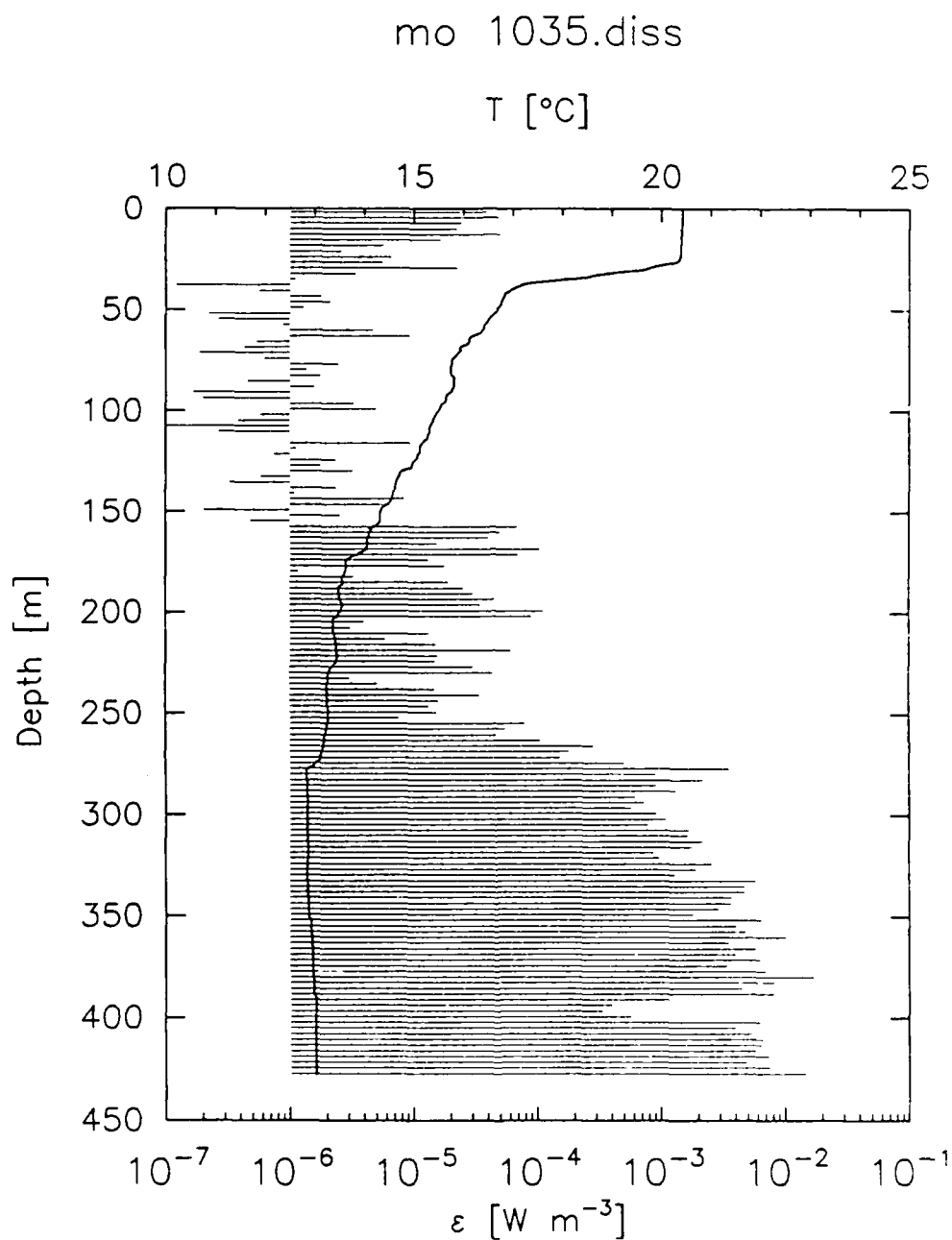
Bottom Salinity = 38.360



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.



35 46.33 6 20.65 Lat/Lon
 21 SEP 1988 22:31 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

1035 XDP
 4 Site Number
 19882652231 21 SEP 1988 22:31 GMT
 19890442140 14 FEB 1989 21:40 GMT Digitized
 35 46.33 6 20.65 Lat/Lon
 430 Depth (m)
 1024 Sampling Rate
 0.3868 S P Sensitivity
 high Gain
 441 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Outflow Experiment
 2.78 Drop Rate (m/s)

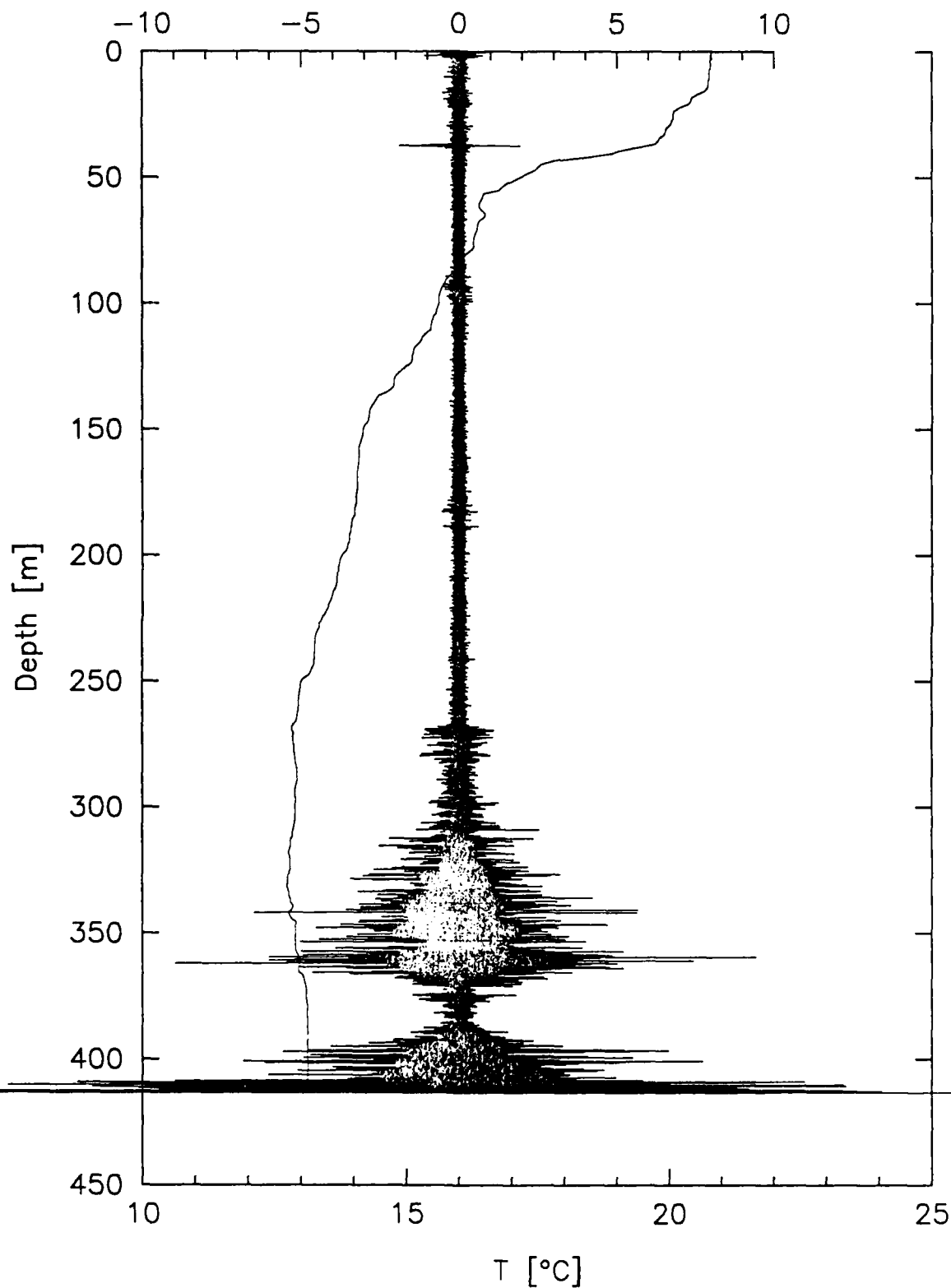
Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	20.4	0.39E-04	0.42E-04	154.3	14.3	0.48E-06	0.48E-06
4.2	20.4	0.48E-04	0.53E-04	157.1	14.2	0.68E-04	0.77E-04
7.0	20.4	0.24E-04	0.26E-04	159.9	14.1	0.50E-04	0.55E-04
9.7	20.4	0.22E-04	0.24E-04	162.6	14.1	0.40E-04	0.44E-04
12.5	20.4	0.49E-04	0.54E-04	165.4	14.1	0.15E-04	0.16E-04
15.3	20.4	0.17E-04	0.18E-04	168.2	14.0	0.10E-03	0.12E-03
18.1	20.4	0.57E-05	0.60E-05	171.0	13.9	0.70E-04	0.78E-04
20.8	20.4	0.26E-05	0.27E-05	173.7	13.7	0.13E-04	0.14E-04
23.6	20.4	0.66E-05	0.70E-05	176.5	13.6	0.18E-04	0.19E-04
26.4	20.3	0.56E-05	0.59E-05	179.3	13.6	0.12E-05	0.12E-05
29.2	19.8	0.22E-04	0.24E-04	182.1	13.6	0.32E-05	0.34E-05
32.0	19.0	0.34E-05	0.35E-05	184.9	13.6	0.19E-04	0.21E-04
34.8	18.2	0.11E-05	0.11E-05	187.7	13.5	0.25E-04	0.27E-04
37.5	17.2	0.12E-06	0.12E-06	190.4	13.5	0.30E-04	0.32E-04
40.3	17.0	0.56E-06	0.58E-06	193.2	13.5	0.45E-04	0.49E-04
43.1	16.8	0.18E-05	0.18E-05	196.0	13.6	0.35E-04	0.38E-04
45.9	16.8	0.21E-05	0.22E-05	198.8	13.5	0.11E-03	0.13E-03
48.7	16.7	0.13E-05	0.13E-05	201.5	13.5	0.90E-04	0.10E-03
51.4	16.6	0.22E-06	0.22E-06	204.3	13.4	0.40E-05	0.41E-05
54.2	16.5	0.26E-06	0.27E-06	207.1	13.4	0.31E-05	0.32E-05
57.0	16.5	0.89E-06	0.90E-06	209.9	13.4	0.13E-04	0.14E-04
59.8	16.4	0.47E-05	0.49E-05	212.7	13.4	0.59E-05	0.62E-05
62.5	16.2	0.94E-05	0.98E-05	215.4	13.4	0.15E-04	0.16E-04
65.3	16.1	0.54E-06	0.55E-06	218.2	13.4	0.61E-04	0.68E-04
68.1	16.0	0.43E-06	0.43E-06	221.0	13.4	0.16E-04	0.17E-04
70.9	15.9	0.19E-06	0.19E-06	223.8	13.4	0.15E-04	0.16E-04
73.7	15.8	0.62E-06	0.63E-06	226.6	13.4	0.30E-04	0.33E-04
76.5	15.8	0.25E-05	0.25E-05	229.4	13.3	0.43E-04	0.48E-04
79.2	15.8	0.14E-05	0.14E-05	232.1	13.3	0.30E-05	0.32E-05
82.0	15.8	0.18E-05	0.18E-05	234.9	13.3	0.51E-05	0.53E-05
84.8	15.8	0.45E-06	0.45E-06	237.7	13.3	0.15E-04	0.16E-04
87.6	15.8	0.16E-05	0.16E-05	240.5	13.3	0.34E-04	0.38E-04
90.4	15.7	0.17E-06	0.17E-06	243.2	13.3	0.16E-04	0.17E-04
93.1	15.7	0.20E-06	0.20E-06	246.0	13.3	0.13E-04	0.14E-04
95.9	15.6	0.33E-05	0.34E-05	248.8	13.3	0.16E-04	0.17E-04
98.7	15.5	0.50E-05	0.52E-05	251.6	13.3	0.77E-05	0.81E-05
101.5	15.5	0.58E-06	0.59E-06	254.4	13.3	0.79E-04	0.89E-04
104.3	15.4	0.38E-06	0.38E-06	257.1	13.2	0.55E-04	0.60E-04
107.0	15.3	0.97E-07	0.98E-07	259.9	13.2	0.47E-04	0.51E-04
109.8	15.3	0.27E-06	0.27E-06	262.7	13.2	0.11E-03	0.12E-03
112.6	15.3	0.99E-06	0.10E-05	265.5	13.2	0.29E-03	0.34E-03
115.4	15.2	0.93E-05	0.98E-05	268.3	13.2	0.18E-03	0.20E-03
118.2	15.1	0.11E-05	0.11E-05	271.0	13.1	0.15E-03	0.18E-03
120.9	15.1	0.75E-06	0.76E-06	273.8	13.0	0.50E-03	0.63E-03
123.7	15.0	0.23E-05	0.24E-05	276.6	12.9	0.35E-02	0.58E-02
126.5	15.0	0.18E-05	0.18E-05	279.4	12.8	0.90E-03	0.12E-02
129.3	14.8	0.32E-05	0.33E-05	282.2	12.8	0.22E-02	0.33E-02
132.0	14.7	0.58E-06	0.59E-06	285.0	12.9	0.91E-03	0.12E-02
134.8	14.6	0.32E-06	0.33E-06	287.7	12.9	0.13E-02	0.19E-02
137.6	14.6	0.24E-05	0.24E-05	290.5	12.9	0.61E-03	0.81E-03
140.4	14.6	0.11E-05	0.11E-05	293.3	12.9	0.73E-03	0.95E-03
143.2	14.6	0.85E-05	0.89E-05	296.1	12.9	0.57E-03	0.75E-03
145.9	14.5	0.56E-05	0.59E-05	298.9	12.9	0.92E-03	0.12E-02
148.7	14.4	0.20E-06	0.20E-06	301.6	12.9	0.11E-02	0.16E-02
151.5	14.3	0.26E-05	0.26E-05	304.4	12.9	0.78E-03	0.10E-02

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
307.2	12.8	0.17E-02	0.25E-02
310.0	12.9	0.16E-02	0.25E-02
312.8	12.9	0.22E-02	0.33E-02
315.5	12.9	0.18E-02	0.27E-02
318.3	12.9	0.87E-03	0.12E-02
321.1	12.9	0.97E-03	0.14E-02
323.9	12.9	0.26E-02	0.39E-02
326.6	12.9	0.19E-02	0.29E-02
329.4	12.9	0.13E-02	0.18E-02
332.2	12.9	0.58E-02	0.11E-01
335.0	12.9	0.47E-02	0.85E-02
337.8	12.9	0.47E-02	0.86E-02
340.5	12.9	0.37E-02	0.61E-02
343.3	12.9	0.37E-02	0.60E-02
346.1	12.9	0.29E-02	0.48E-02
348.9	12.9	0.18E-02	0.27E-02
351.7	12.9	0.65E-02	0.12E-01
354.5	12.9	0.40E-02	0.66E-02
357.2	12.9	0.49E-02	0.88E-02
360.0	12.9	0.10E-01	0.19E-01
362.8	12.9	0.35E-02	0.58E-02
365.6	13.0	0.59E-02	0.11E-01
368.4	13.0	0.40E-02	0.66E-02
371.1	13.0	0.64E-02	0.12E-01
373.9	13.0	0.34E-02	0.55E-02
376.7	13.0	0.70E-02	0.13E-01
379.5	13.0	0.17E-01	0.31E-01
382.3	13.0	0.82E-02	0.15E-01
385.0	13.0	0.45E-02	0.74E-02
387.8	13.0	0.81E-02	0.15E-01
390.6	13.0	0.12E-02	0.16E-02
393.4	13.0	0.40E-03	0.50E-03
396.1	13.0	0.33E-03	0.42E-03
398.9	13.0	0.57E-03	0.75E-03
401.7	13.0	0.63E-02	0.11E-01
404.5	13.0	0.40E-02	0.66E-02
407.3	13.0	0.54E-02	0.99E-02
410.0	13.0	0.67E-02	0.12E-01
412.8	13.0	0.64E-02	0.12E-01
415.6	13.0	0.59E-02	0.11E-01
418.4	13.0	0.75E-02	0.14E-01
421.2	13.0	0.49E-02	0.90E-02
424.0	13.0	0.76E-02	0.14E-01
426.7	13.0	0.15E-01	0.27E-01

Bottom Salinity = 38.182

mo 0709

$\partial u / \partial z$ [sec⁻¹]

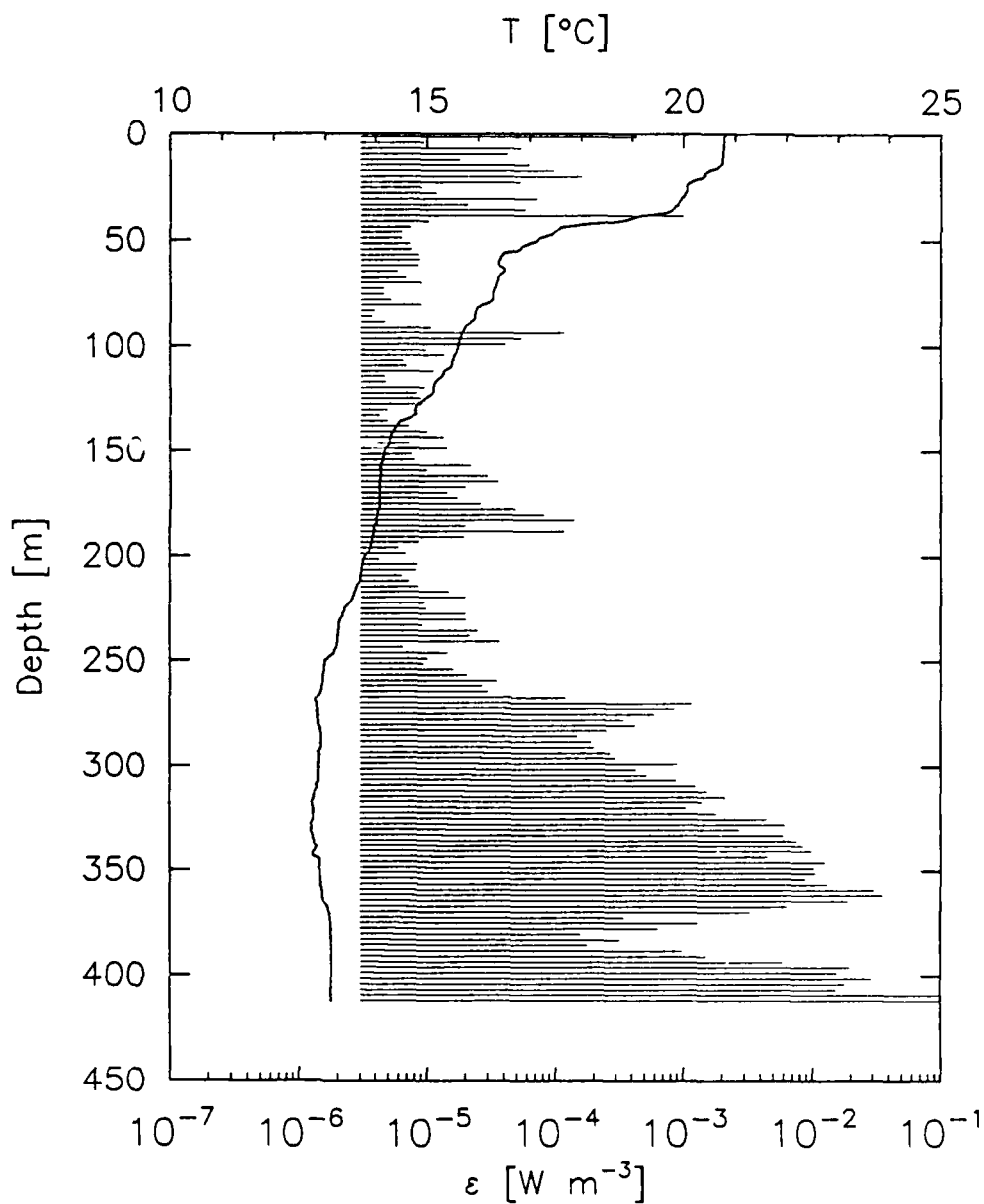


shear highpass: 10.

shear lowpass: 200.

temp lowpass: 3.

mo 0709.diss



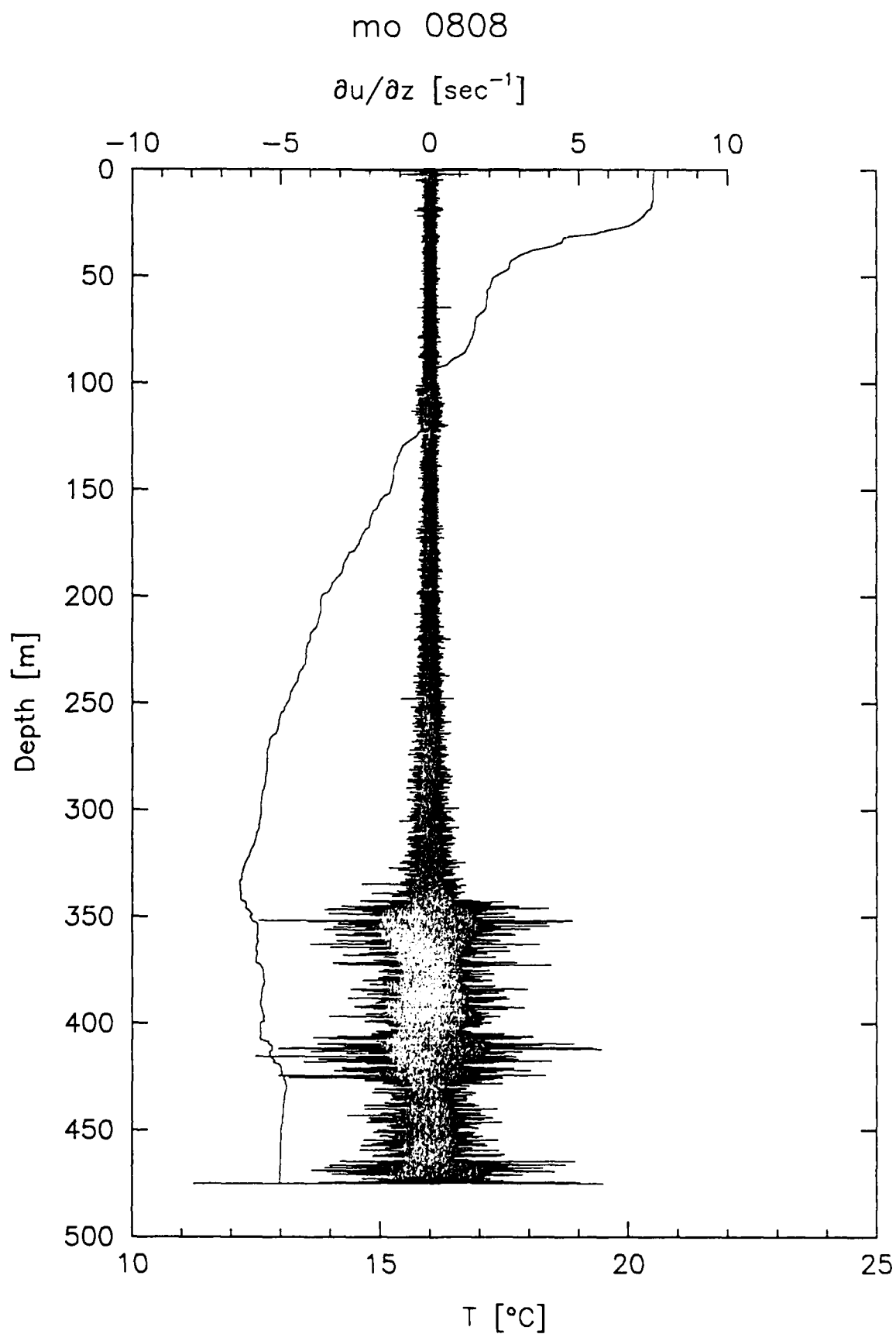
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Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

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 1024 Sampling Rate
 0.1981 S P Sensitivity
 low Gain
 448 Temp Freq
 1 Deck Receiver
 SBL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.63 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.3	20.8	0.43E-03	0.54E-03	146.0	14.3	0.73E-05	0.77E-05
3.9	20.8	0.95E-05	0.10E-04	148.6	14.2	0.14E-04	0.15E-04
6.6	20.8	0.54E-04	0.59E-04	151.2	14.2	0.76E-05	0.80E-05
9.2	20.8	0.42E-04	0.47E-04	153.9	14.1	0.80E-05	0.84E-05
11.8	20.8	0.18E-04	0.19E-04	156.5	14.1	0.22E-04	0.24E-04
14.5	20.7	0.62E-04	0.70E-04	159.1	14.1	0.99E-05	0.11E-04
17.1	20.5	0.96E-04	0.11E-03	161.7	14.1	0.30E-04	0.32E-04
19.7	20.4	0.16E-03	0.18E-03	164.4	14.1	0.35E-04	0.39E-04
22.4	20.2	0.53E-04	0.58E-04	167.0	14.1	0.20E-04	0.21E-04
25.0	20.1	0.90E-05	0.95E-05	169.6	14.1	0.14E-04	0.15E-04
27.6	20.0	0.12E-04	0.13E-04	172.3	14.1	0.17E-04	0.18E-04
30.2	20.0	0.71E-04	0.79E-04	174.9	14.1	0.26E-04	0.28E-04
32.9	19.9	0.21E-04	0.22E-04	177.5	14.1	0.48E-04	0.52E-04
35.5	19.8	0.58E-04	0.65E-04	180.2	14.0	0.82E-04	0.92E-04
38.1	19.3	0.99E-03	0.14E-02	182.8	14.0	0.14E-03	0.16E-03
40.8	18.7	0.10E-04	0.11E-04	185.4	14.0	0.20E-04	0.21E-04
43.4	17.8	0.74E-05	0.78E-05	188.0	14.0	0.12E-03	0.13E-03
46.0	17.5	0.64E-05	0.67E-05	190.7	13.9	0.19E-04	0.21E-04
48.7	17.2	0.64E-05	0.67E-05	193.3	13.9	0.86E-05	0.90E-05
51.3	17.0	0.74E-05	0.78E-05	195.9	13.9	0.60E-05	0.63E-05
53.9	16.8	0.76E-05	0.80E-05	198.6	13.8	0.67E-05	0.71E-05
56.5	16.5	0.86E-05	0.91E-05	201.2	13.7	0.42E-05	0.44E-05
59.2	16.4	0.87E-05	0.92E-05	203.8	13.7	0.83E-05	0.87E-05
61.8	16.4	0.85E-05	0.90E-05	206.5	13.7	0.81E-05	0.86E-05
64.4	16.5	0.59E-05	0.62E-05	209.1	13.7	0.63E-05	0.66E-05
67.1	16.4	0.69E-05	0.72E-05	211.7	13.7	0.71E-05	0.75E-05
69.7	16.4	0.90E-05	0.95E-05	214.3	13.6	0.84E-05	0.88E-05
72.3	16.3	0.46E-05	0.48E-05	217.0	13.6	0.15E-04	0.16E-04
75.0	16.3	0.46E-05	0.48E-05	219.6	13.5	0.20E-04	0.21E-04
77.6	16.3	0.52E-05	0.54E-05	222.2	13.5	0.94E-05	0.99E-05
80.2	16.1	0.89E-05	0.93E-05	224.9	13.4	0.98E-05	0.10E-04
82.8	15.9	0.39E-05	0.41E-05	227.5	13.4	0.20E-04	0.21E-04
85.5	15.9	0.37E-05	0.39E-05	230.1	13.3	0.20E-04	0.21E-04
88.1	15.9	0.47E-05	0.49E-05	232.8	13.3	0.92E-05	0.96E-05
90.7	15.8	0.11E-04	0.11E-04	235.4	13.3	0.25E-04	0.27E-04
93.4	15.7	0.12E-03	0.13E-03	238.0	13.3	0.21E-04	0.23E-04
96.0	15.6	0.54E-04	0.59E-04	240.6	13.2	0.36E-04	0.40E-04
98.6	15.6	0.41E-04	0.45E-04	243.3	13.2	0.66E-05	0.69E-05
101.3	15.6	0.97E-05	0.10E-04	245.9	13.2	0.14E-04	0.15E-04
103.9	15.5	0.13E-04	0.14E-04	248.5	13.1	0.10E-04	0.11E-04
106.5	15.5	0.65E-05	0.69E-05	251.2	13.0	0.94E-05	0.99E-05
109.1	15.5	0.69E-05	0.73E-05	253.8	13.0	0.16E-04	0.17E-04
111.8	15.4	0.11E-04	0.12E-04	256.4	13.0	0.20E-04	0.22E-04
114.4	15.3	0.47E-05	0.49E-05	259.1	12.9	0.35E-04	0.38E-04
117.0	15.2	0.48E-05	0.50E-05	261.7	12.9	0.27E-04	0.29E-04
119.7	15.1	0.94E-05	0.99E-05	264.3	12.9	0.30E-04	0.32E-04
122.3	15.1	0.82E-05	0.86E-05	266.9	12.9	0.12E-03	0.14E-03
124.9	15.0	0.88E-05	0.93E-05	269.6	12.8	0.12E-02	0.16E-02
127.6	14.8	0.80E-05	0.84E-05	272.2	12.9	0.86E-03	0.11E-02
130.2	14.8	0.49E-05	0.51E-05	274.8	12.9	0.60E-03	0.79E-03
132.8	14.7	0.42E-05	0.44E-05	277.5	12.9	0.34E-03	0.42E-03
135.4	14.6	0.50E-05	0.52E-05	280.1	12.9	0.42E-03	0.53E-03
138.1	14.4	0.73E-05	0.76E-05	282.7	12.9	0.25E-03	0.30E-03
140.7	14.3	0.10E-04	0.11E-04	285.4	12.9	0.15E-03	0.17E-03
143.3	14.3	0.14E-04	0.14E-04	288.0	12.9	0.19E-03	0.23E-03

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
290.6	12.9	0.20E-03	0.24E-03
293.2	12.9	0.27E-03	0.32E-03
295.9	12.9	0.29E-03	0.35E-03
298.5	12.9	0.89E-03	0.12E-02
301.1	12.9	0.43E-03	0.54E-03
303.8	12.9	0.52E-03	0.65E-03
306.4	12.9	0.88E-03	0.12E-02
309.0	12.8	0.12E-02	0.17E-02
311.7	12.8	0.15E-02	0.21E-02
314.3	12.8	0.21E-02	0.32E-02
316.9	12.8	0.14E-02	0.20E-02
319.5	12.8	0.11E-02	0.15E-02
322.2	12.8	0.18E-02	0.27E-02
324.8	12.8	0.44E-02	0.72E-02
327.4	12.8	0.61E-02	0.11E-01
330.1	12.7	0.27E-02	0.45E-02
332.7	12.8	0.60E-02	0.11E-01
335.3	12.8	0.76E-02	0.14E-01
338.0	12.8	0.85E-02	0.15E-01
340.6	12.8	0.98E-02	0.18E-01
343.2	12.8	0.45E-02	0.74E-02
345.8	12.9	0.13E-01	0.23E-01
348.5	12.9	0.10E-01	0.19E-01
351.1	12.9	0.11E-01	0.19E-01
353.7	12.9	0.88E-02	0.16E-01
356.4	12.9	0.13E-01	0.24E-01
359.0	12.9	0.31E-01	0.56E-01
361.6	13.0	0.36E-01	0.65E-01
364.3	13.0	0.19E-01	0.35E-01
366.9	13.0	0.65E-02	0.12E-01
369.5	13.1	0.33E-02	0.55E-02
372.1	13.1	0.35E-03	0.43E-03
374.8	13.1	0.13E-02	0.18E-02
377.4	13.1	0.63E-03	0.84E-03
380.0	13.1	0.16E-03	0.18E-03
382.7	13.1	0.32E-03	0.40E-03
385.3	13.1	0.18E-03	0.20E-03
387.9	13.1	0.99E-03	0.14E-02
390.6	13.1	0.15E-02	0.21E-02
393.2	13.1	0.59E-02	0.11E-01
395.8	13.1	0.19E-01	0.35E-01
398.4	13.1	0.15E-01	0.28E-01
401.1	13.1	0.29E-01	0.53E-01
403.7	13.1	0.18E-01	0.33E-01
406.3	13.1	0.15E-01	0.28E-01
409.0	13.1	0.12E+00	0.21E+00
411.6	13.1	0.17E+00	0.31E+00

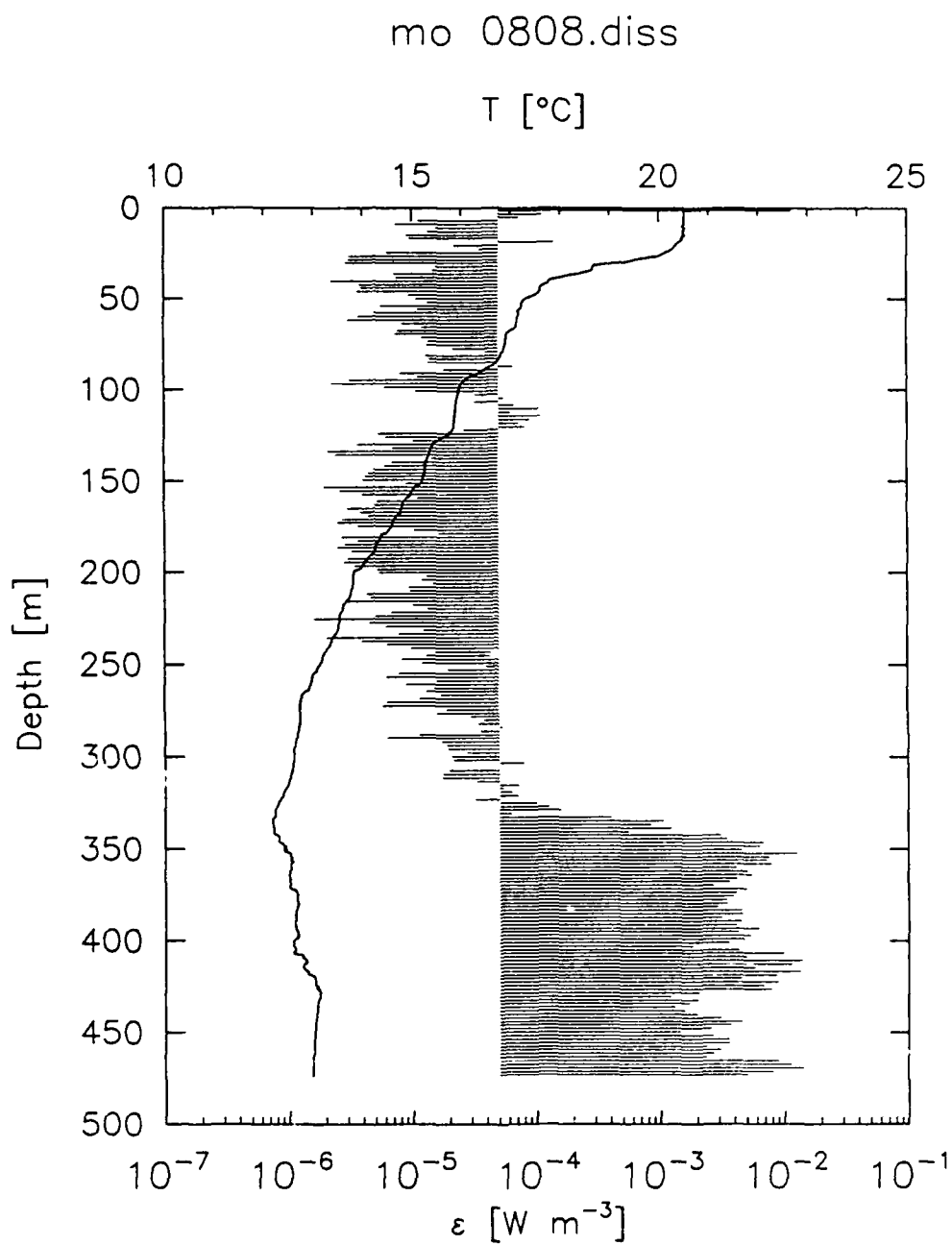
Bottom Salinity = 38.186



shear highpass: 10.

shear lowpass: 200.

temp lowpass: 3.



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 22 SEP 1988 02:13 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

808 XDP
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 19882660213 22 SEP 1988 02:13 GMT
 19890461921 16 FEB 1989 19:21 GMT Digitized
 35 45.54 6 28.63 Lat/Lon
 475 Depth (m)
 1024 Sampling Rate
 0.2306 S P Sensitivity
 low Gain
 451 Temp Freq
 1 Deck Receiver
 SBL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 1.95 Drop Rate (m/s)

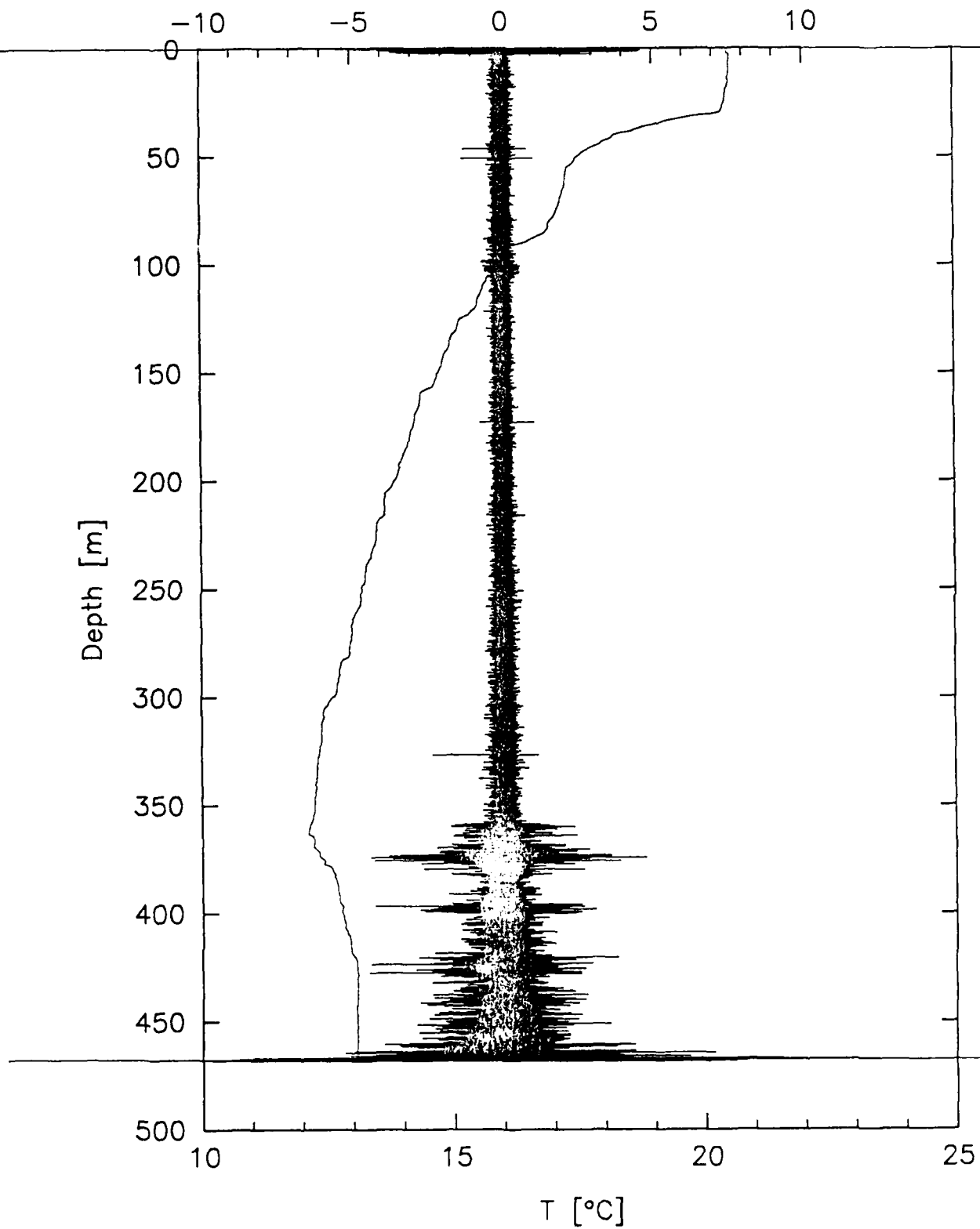
Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.0	20.5	0.12E-01	0.21E-01	108.2	15.9	0.66E-04	0.75E-04
2.9	20.5	0.11E-03	0.13E-03	110.2	15.9	0.11E-03	0.12E-03
4.9	20.5	0.74E-04	0.84E-04	112.1	15.9	0.63E-04	0.70E-04
6.8	20.5	0.11E-04	0.12E-04	114.1	15.9	0.11E-03	0.13E-03
8.8	20.5	0.74E-05	0.78E-05	116.0	15.9	0.89E-04	0.10E-03
10.7	20.5	0.16E-04	0.17E-04	118.0	15.9	0.73E-04	0.82E-04
12.7	20.5	0.14E-04	0.14E-04	119.9	15.8	0.81E-04	0.92E-04
14.6	20.5	0.91E-05	0.95E-05	121.9	15.8	0.26E-04	0.28E-04
16.6	20.5	0.96E-05	0.10E-04	123.8	15.8	0.53E-05	0.55E-05
18.5	20.4	0.14E-03	0.16E-03	125.8	15.6	0.61E-05	0.64E-05
20.5	20.3	0.22E-04	0.24E-04	127.7	15.5	0.10E-04	0.11E-04
22.4	20.3	0.35E-04	0.38E-04	129.7	15.4	0.37E-05	0.38E-05
24.4	20.1	0.62E-05	0.66E-05	131.6	15.4	0.70E-05	0.74E-05
26.3	20.0	0.32E-05	0.33E-05	133.6	15.4	0.21E-05	0.22E-05
28.3	19.6	0.31E-05	0.32E-05	135.5	15.3	0.24E-05	0.25E-05
30.2	19.2	0.29E-05	0.30E-05	137.5	15.3	0.14E-04	0.15E-04
32.2	18.7	0.16E-04	0.17E-04	139.4	15.3	0.70E-05	0.73E-05
34.1	18.6	0.15E-04	0.16E-04	141.4	15.3	0.60E-05	0.63E-05
36.1	18.4	0.72E-05	0.76E-05	143.3	15.3	0.49E-05	0.51E-05
38.0	18.0	0.75E-05	0.79E-05	145.3	15.3	0.45E-05	0.47E-05
40.0	17.8	0.22E-05	0.23E-05	147.2	15.2	0.42E-05	0.43E-05
41.9	17.7	0.38E-05	0.40E-05	149.2	15.2	0.40E-05	0.42E-05
43.9	17.6	0.39E-05	0.41E-05	151.1	15.2	0.90E-05	0.94E-05
45.8	17.6	0.37E-05	0.38E-05	153.1	15.1	0.20E-05	0.20E-05
47.8	17.5	0.94E-05	0.99E-05	155.0	15.0	0.26E-05	0.27E-05
49.7	17.3	0.11E-04	0.11E-04	157.0	15.0	0.39E-05	0.41E-05
51.7	17.2	0.13E-04	0.14E-04	158.9	14.9	0.11E-04	0.12E-04
53.6	17.2	0.56E-05	0.59E-05	160.9	14.8	0.52E-05	0.54E-05
55.6	17.2	0.11E-04	0.12E-04	162.8	14.8	0.50E-05	0.52E-05
57.5	17.2	0.50E-05	0.52E-05	164.8	14.8	0.30E-05	0.31E-05
59.5	17.2	0.37E-05	0.39E-05	166.7	14.8	0.38E-05	0.40E-05
61.4	17.1	0.31E-05	0.32E-05	168.7	14.7	0.44E-05	0.46E-05
63.4	17.1	0.84E-05	0.89E-05	170.6	14.6	0.27E-05	0.28E-05
65.3	17.1	0.12E-04	0.13E-04	172.6	14.6	0.25E-05	0.26E-05
67.3	17.0	0.77E-05	0.81E-05	174.5	14.6	0.36E-05	0.38E-05
69.2	16.9	0.74E-05	0.78E-05	176.5	14.5	0.10E-04	0.11E-04
71.2	16.9	0.12E-04	0.13E-04	178.4	14.4	0.17E-04	0.18E-04
73.1	16.9	0.14E-04	0.15E-04	180.4	14.4	0.27E-05	0.28E-05
75.1	16.9	0.13E-04	0.14E-04	182.3	14.3	0.36E-05	0.38E-05
77.0	16.9	0.22E-04	0.23E-04	184.3	14.3	0.29E-05	0.29E-05
79.0	16.8	0.40E-04	0.44E-04	186.2	14.3	0.25E-05	0.26E-05
80.9	16.8	0.13E-04	0.14E-04	188.2	14.2	0.32E-05	0.34E-05
82.9	16.8	0.14E-04	0.15E-04	190.1	14.2	0.46E-05	0.48E-05
84.8	16.7	0.13E-04	0.14E-04	192.1	14.1	0.30E-05	0.31E-05
86.8	16.6	0.66E-04	0.74E-04	194.0	14.0	0.28E-05	0.29E-05
88.7	16.5	0.18E-04	0.19E-04	196.0	14.0	0.34E-05	0.36E-05
90.7	16.4	0.80E-05	0.84E-05	197.9	13.9	0.52E-05	0.54E-05
92.6	16.2	0.11E-04	0.12E-04	199.9	13.8	0.54E-05	0.57E-05
94.6	16.1	0.31E-05	0.33E-05	201.8	13.8	0.13E-04	0.14E-04
96.5	16.0	0.22E-05	0.23E-05	203.8	13.8	0.12E-04	0.13E-04
98.5	16.0	0.60E-05	0.64E-05	205.7	13.8	0.15E-04	0.15E-04
100.4	15.9	0.11E-04	0.11E-04	207.7	13.8	0.94E-05	0.99E-05
102.4	15.9	0.32E-04	0.35E-04	209.6	13.8	0.94E-05	0.99E-05
104.3	15.9	0.55E-04	0.60E-04	211.6	13.8	0.43E-05	0.45E-05
106.3	15.9	0.32E-04	0.35E-04	213.5	13.7	0.46E-05	0.48E-05

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
215.5	13.7	0.30E-05	0.32E-05	352.0	12.5	0.13E-01	0.23E-01
217.4	13.6	0.10E-04	0.11E-04	353.9	12.5	0.76E-02	0.14E-01
219.4	13.6	0.13E-04	0.14E-04	355.9	12.5	0.73E-02	0.13E-01
221.3	13.6	0.67E-05	0.71E-05	357.8	12.5	0.80E-02	0.14E-01
223.3	13.5	0.50E-05	0.52E-05	359.8	12.5	0.41E-02	0.67E-02
225.2	13.5	0.16E-05	0.16E-05	361.7	12.5	0.51E-02	0.93E-02
227.2	13.5	0.45E-05	0.47E-05	363.7	12.5	0.55E-02	0.10E-01
229.1	13.5	0.62E-05	0.65E-05	365.6	12.5	0.42E-02	0.69E-02
231.1	13.5	0.12E-04	0.13E-04	367.6	12.5	0.37E-02	0.60E-02
233.0	13.5	0.78E-05	0.82E-05	369.5	12.5	0.27E-02	0.44E-02
235.0	13.4	0.20E-05	0.21E-05	371.5	12.5	0.49E-02	0.90E-02
236.9	13.4	0.39E-05	0.41E-05	373.4	12.6	0.41E-02	0.68E-02
238.9	13.3	0.62E-05	0.65E-05	375.4	12.7	0.38E-02	0.63E-02
240.8	13.3	0.98E-05	0.10E-04	377.3	12.6	0.34E-02	0.56E-02
242.8	13.2	0.15E-04	0.16E-04	379.3	12.7	0.34E-02	0.56E-02
244.7	13.2	0.13E-04	0.14E-04	381.2	12.7	0.29E-02	0.47E-02
246.7	13.2	0.83E-05	0.87E-05	383.2	12.6	0.45E-02	0.73E-02
248.6	13.2	0.12E-04	0.13E-04	385.1	12.6	0.46E-02	0.83E-02
250.6	13.1	0.39E-04	0.43E-04	387.1	12.6	0.31E-02	0.51E-02
252.5	13.1	0.19E-04	0.21E-04	389.0	12.6	0.45E-02	0.74E-02
254.5	13.0	0.78E-05	0.82E-05	391.0	12.6	0.41E-02	0.66E-02
256.4	13.0	0.62E-05	0.65E-05	392.9	12.6	0.62E-02	0.11E-01
258.4	13.0	0.16E-04	0.17E-04	394.9	12.6	0.42E-02	0.69E-02
260.3	12.9	0.89E-05	0.94E-05	396.8	12.7	0.53E-02	0.96E-02
262.3	12.9	0.15E-04	0.16E-04	398.8	12.6	0.48E-02	0.87E-02
264.2	12.9	0.13E-04	0.14E-04	400.7	12.6	0.36E-02	0.59E-02
266.2	12.8	0.17E-04	0.18E-04	402.7	12.6	0.18E-02	0.28E-02
268.1	12.8	0.12E-04	0.12E-04	404.6	12.6	0.43E-02	0.71E-02
270.1	12.7	0.62E-05	0.66E-05	406.6	12.6	0.99E-02	0.18E-01
272.0	12.7	0.58E-05	0.61E-05	408.5	12.8	0.49E-02	0.90E-02
274.0	12.7	0.19E-04	0.20E-04	410.5	12.8	0.14E-01	0.25E-01
275.9	12.7	0.16E-04	0.17E-04	412.4	12.8	0.12E-01	0.21E-01
277.9	12.7	0.30E-04	0.32E-04	414.4	12.8	0.57E-02	0.10E-01
279.8	12.7	0.38E-04	0.41E-04	416.3	12.8	0.13E-01	0.24E-01
281.8	12.7	0.34E-04	0.37E-04	418.3	12.9	0.86E-02	0.16E-01
283.7	12.7	0.53E-04	0.58E-04	420.2	13.0	0.45E-02	0.74E-02
285.7	12.7	0.36E-04	0.39E-04	422.2	13.0	0.89E-02	0.16E-01
287.6	12.7	0.11E-04	0.12E-04	424.1	13.0	0.68E-02	0.12E-01
289.6	12.7	0.62E-05	0.65E-05	426.1	13.1	0.79E-02	0.14E-01
291.5	12.6	0.17E-04	0.19E-04	428.0	13.1	0.21E-02	0.31E-02
293.5	12.6	0.19E-04	0.20E-04	430.0	13.1	0.12E-02	0.17E-02
295.4	12.6	0.19E-04	0.21E-04	431.9	13.1	0.20E-02	0.30E-02
297.4	12.6	0.28E-04	0.30E-04	433.9	13.1	0.17E-02	0.26E-02
299.3	12.6	0.21E-04	0.22E-04	435.8	13.1	0.13E-02	0.19E-02
301.3	12.6	0.22E-04	0.23E-04	437.8	13.1	0.16E-02	0.22E-02
303.2	12.6	0.79E-04	0.89E-04	439.7	13.1	0.20E-02	0.30E-02
305.2	12.6	0.49E-04	0.54E-04	441.7	13.0	0.31E-02	0.51E-02
307.1	12.6	0.20E-04	0.21E-04	443.6	13.0	0.46E-02	0.83E-02
309.1	12.5	0.17E-04	0.19E-04	445.6	13.0	0.37E-02	0.61E-02
311.0	12.5	0.17E-04	0.19E-04	447.5	13.0	0.26E-02	0.39E-02
313.0	12.5	0.33E-04	0.36E-04	449.5	13.0	0.14E-02	0.20E-02
314.9	12.5	0.71E-04	0.80E-04	451.4	13.0	0.27E-02	0.40E-02
316.9	12.4	0.53E-04	0.59E-04	453.4	13.0	0.36E-02	0.59E-02
318.8	12.4	0.63E-04	0.71E-04	455.3	13.0	0.36E-02	0.59E-02
320.8	12.4	0.71E-04	0.79E-04	457.3	13.0	0.24E-02	0.36E-02
322.7	12.3	0.31E-04	0.35E-04	459.2	13.0	0.31E-02	0.50E-02
324.7	12.3	0.10E-03	0.11E-03	461.2	13.0	0.27E-02	0.41E-02
326.6	12.3	0.13E-03	0.14E-03	463.1	13.0	0.24E-02	0.36E-02
328.6	12.2	0.16E-03	0.18E-03	465.1	13.0	0.90E-02	0.16E-01
330.5	12.2	0.63E-04	0.71E-04	467.0	13.0	0.11E-01	0.21E-01
332.5	12.2	0.40E-03	0.50E-03	469.0	13.0	0.14E-01	0.26E-01
334.4	12.2	0.11E-02	0.15E-02	470.9	13.0	0.82E-02	0.15E-01
336.4	12.2	0.84E-03	0.11E-02	472.9	13.0	0.51E-02	0.92E-02
338.3	12.2	0.12E-02	0.17E-02				
340.3	12.2	0.56E-03	0.73E-03				
342.2	12.2	0.31E-02	0.51E-02				
344.2	12.3	0.35E-02	0.57E-02				
346.1	12.3	0.68E-02	0.12E-01				
348.1	12.4	0.64E-02	0.12E-01				
350.0	12.4	0.46E-02	0.83E-02				

Bottom Salinity = 38.099

mo 0707

$\partial u / \partial z$ [sec⁻¹]

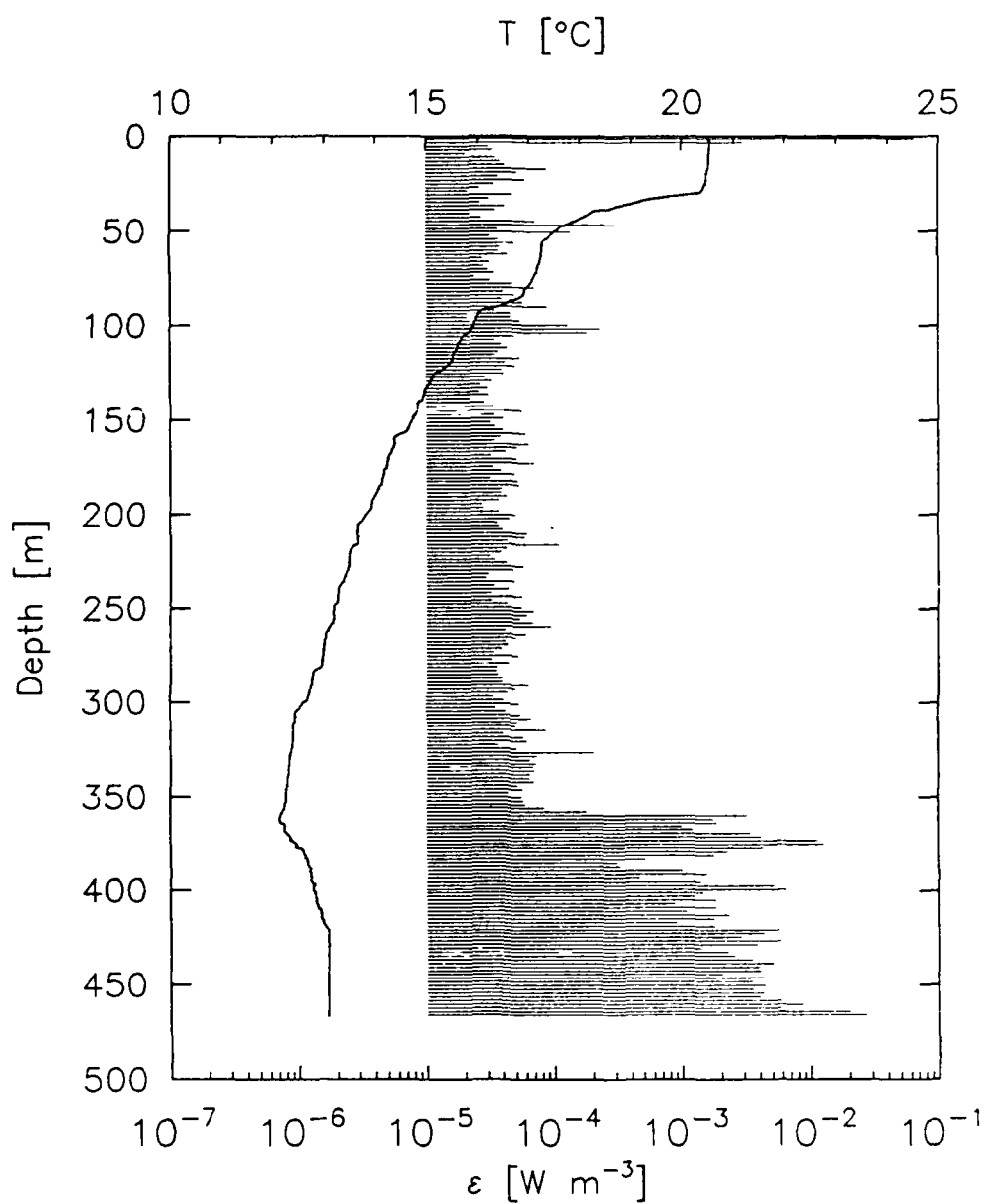


shear highpass: 10.

shear lowpass: 200.

temp lowpass: 3.

mo 0707.diss



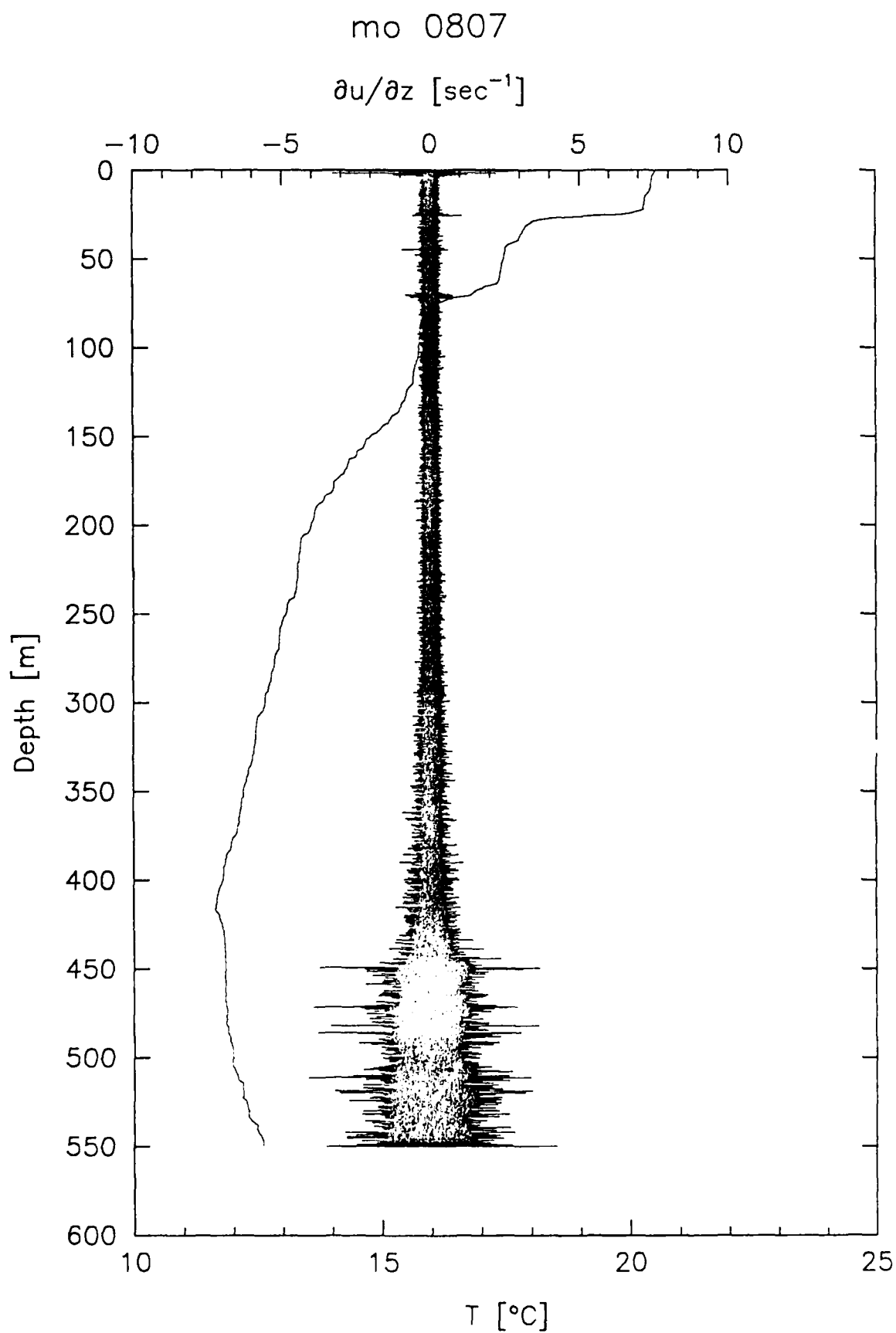
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22 SEP 1988 07:42 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

707 XDP
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 35 45.49 6 29.79 Lat/Lon
 470 Depth (m)
 1024 Sampling Rate
 0.2562 S P Sensitivity
 low Gain
 450 Temp Freq
 1 Deck Receiver
 SBL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 1.97 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.0	20.5	0.65E-01	0.12E+00	109.3	15.6	0.39E-04	0.43E-04
3.0	20.5	0.30E-02	0.48E-02	111.3	15.6	0.44E-04	0.48E-04
4.9	20.5	0.31E-04	0.33E-04	113.3	15.6	0.37E-04	0.41E-04
6.9	20.5	0.33E-04	0.36E-04	115.2	15.5	0.35E-04	0.38E-04
8.9	20.5	0.20E-04	0.22E-04	117.2	15.5	0.54E-04	0.59E-04
10.8	20.5	0.35E-04	0.39E-04	119.2	15.5	0.42E-04	0.47E-04
12.8	20.5	0.38E-04	0.42E-04	121.2	15.4	0.50E-04	0.55E-04
14.8	20.5	0.42E-04	0.46E-04	123.1	15.3	0.39E-04	0.43E-04
16.7	20.5	0.88E-04	0.99E-04	125.1	15.2	0.41E-04	0.45E-04
18.7	20.5	0.52E-04	0.57E-04	127.1	15.1	0.29E-04	0.31E-04
20.7	20.5	0.37E-04	0.41E-04	129.0	15.1	0.32E-04	0.35E-04
22.7	20.5	0.60E-04	0.67E-04	131.0	15.1	0.26E-04	0.28E-04
24.6	20.5	0.34E-04	0.38E-04	133.0	15.0	0.30E-04	0.33E-04
26.6	20.4	0.26E-04	0.28E-04	134.9	15.0	0.26E-04	0.28E-04
28.6	20.4	0.21E-04	0.23E-04	136.9	15.0	0.31E-04	0.33E-04
30.5	20.1	0.47E-04	0.52E-04	138.9	14.9	0.22E-04	0.24E-04
32.5	19.5	0.31E-04	0.34E-04	140.9	14.9	0.28E-04	0.30E-04
34.5	19.1	0.26E-04	0.28E-04	142.8	14.8	0.33E-04	0.36E-04
36.4	18.8	0.42E-04	0.46E-04	144.8	14.8	0.56E-04	0.61E-04
38.4	18.5	0.35E-04	0.38E-04	146.8	14.8	0.34E-04	0.37E-04
40.4	18.2	0.22E-04	0.24E-04	148.7	14.7	0.40E-04	0.44E-04
42.4	18.1	0.27E-04	0.29E-04	150.7	14.7	0.32E-04	0.35E-04
44.3	17.9	0.70E-04	0.79E-04	152.7	14.7	0.35E-04	0.38E-04
46.3	17.8	0.30E-03	0.36E-03	154.6	14.6	0.40E-04	0.44E-04
48.3	17.6	0.37E-04	0.41E-04	156.6	14.6	0.59E-04	0.67E-04
50.2	17.5	0.14E-03	0.16E-03	158.6	14.4	0.39E-04	0.42E-04
52.2	17.4	0.32E-04	0.35E-04	160.6	14.4	0.35E-04	0.38E-04
54.2	17.3	0.38E-04	0.41E-04	162.5	14.4	0.63E-04	0.71E-04
56.1	17.3	0.49E-04	0.54E-04	164.5	14.4	0.51E-04	0.57E-04
58.1	17.3	0.41E-04	0.45E-04	166.5	14.3	0.42E-04	0.47E-04
60.1	17.3	0.38E-04	0.41E-04	168.4	14.3	0.31E-04	0.35E-04
62.1	17.3	0.44E-04	0.49E-04	170.4	14.3	0.51E-04	0.56E-04
64.0	17.2	0.27E-04	0.29E-04	172.4	14.2	0.70E-04	0.79E-04
66.0	17.2	0.31E-04	0.33E-04	174.3	14.2	0.33E-04	0.36E-04
68.0	17.2	0.28E-04	0.30E-04	176.3	14.2	0.39E-04	0.43E-04
69.9	17.2	0.30E-04	0.32E-04	178.3	14.2	0.49E-04	0.54E-04
71.9	17.1	0.34E-04	0.38E-04	180.3	14.1	0.31E-04	0.34E-04
73.9	17.1	0.24E-04	0.26E-04	182.2	14.1	0.52E-04	0.57E-04
75.8	17.1	0.32E-04	0.35E-04	184.2	14.1	0.53E-04	0.58E-04
77.8	17.0	0.47E-04	0.52E-04	186.2	14.1	0.39E-04	0.43E-04
79.8	17.0	0.70E-04	0.78E-04	188.1	14.0	0.39E-04	0.43E-04
81.8	16.9	0.41E-04	0.45E-04	190.1	14.0	0.43E-04	0.47E-04
83.7	16.9	0.49E-04	0.54E-04	192.1	13.9	0.37E-04	0.41E-04
85.7	16.8	0.39E-04	0.43E-04	194.0	13.9	0.27E-04	0.29E-04
87.7	16.6	0.57E-04	0.64E-04	196.0	13.9	0.27E-04	0.29E-04
89.6	16.5	0.88E-04	0.99E-04	198.0	13.9	0.37E-04	0.41E-04
91.6	16.1	0.34E-04	0.38E-04	200.0	13.8	0.50E-04	0.55E-04
93.6	16.0	0.46E-04	0.51E-04	201.9	13.8	0.45E-04	0.50E-04
95.5	16.0	0.46E-04	0.51E-04	203.9	13.7	0.36E-04	0.40E-04
97.5	15.9	0.54E-04	0.59E-04	205.9	13.7	0.38E-04	0.42E-04
99.5	15.9	0.13E-03	0.15E-03	207.8	13.7	0.40E-04	0.44E-04
101.5	15.9	0.23E-03	0.27E-03	209.8	13.7	0.62E-04	0.69E-04
103.4	15.8	0.18E-03	0.22E-03	211.8	13.7	0.58E-04	0.65E-04
105.4	15.7	0.49E-04	0.54E-04	213.7	13.7	0.44E-04	0.48E-04
107.4	15.7	0.35E-04	0.38E-04	215.7	13.6	0.11E-03	0.12E-03

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
217.7	13.5	0.43E-04	0.47E-04	355.6	12.2	0.83E-04	0.93E-04
219.7	13.5	0.39E-04	0.43E-04	357.6	12.2	0.18E-03	0.21E-03
221.6	13.5	0.31E-04	0.33E-04	359.5	12.1	0.32E-02	0.52E-02
223.6	13.5	0.34E-04	0.37E-04	361.5	12.1	0.17E-02	0.26E-02
225.6	13.5	0.42E-04	0.47E-04	363.5	12.2	0.18E-02	0.28E-02
227.5	13.5	0.57E-04	0.64E-04	365.4	12.2	0.10E-02	0.14E-02
229.5	13.5	0.47E-04	0.52E-04	367.4	12.2	0.12E-02	0.17E-02
231.5	13.4	0.30E-04	0.32E-04	369.4	12.2	0.34E-02	0.55E-02
233.4	13.4	0.29E-04	0.31E-04	371.3	12.3	0.41E-02	0.68E-02
235.4	13.4	0.49E-04	0.53E-04	373.3	12.3	0.11E-01	0.21E-01
237.4	13.3	0.34E-04	0.37E-04	375.3	12.4	0.13E-01	0.23E-01
239.4	13.3	0.44E-04	0.49E-04	377.3	12.5	0.43E-02	0.70E-02
241.3	13.3	0.32E-04	0.35E-04	379.2	12.6	0.23E-02	0.34E-02
243.3	13.3	0.55E-04	0.61E-04	381.2	12.6	0.18E-02	0.27E-02
245.3	13.3	0.32E-04	0.35E-04	383.2	12.6	0.52E-03	0.65E-03
247.2	13.2	0.44E-04	0.48E-04	385.1	12.7	0.31E-03	0.36E-03
249.2	13.2	0.56E-04	0.61E-04	387.1	12.7	0.33E-03	0.41E-03
251.2	13.2	0.69E-04	0.78E-04	389.1	12.7	0.10E-02	0.14E-02
253.1	13.2	0.61E-04	0.69E-04	391.0	12.7	0.15E-02	0.22E-02
255.1	13.2	0.55E-04	0.60E-04	393.0	12.7	0.46E-03	0.58E-03
257.1	13.2	0.68E-04	0.77E-04	395.0	12.7	0.14E-02	0.20E-02
259.1	13.1	0.95E-04	0.11E-03	397.0	12.8	0.52E-02	0.94E-02
261.0	13.1	0.42E-04	0.46E-04	398.9	12.8	0.64E-02	0.12E-01
263.0	13.0	0.60E-04	0.68E-04	400.9	12.8	0.14E-02	0.20E-02
265.0	13.0	0.50E-04	0.55E-04	402.9	12.8	0.13E-02	0.18E-02
266.9	13.0	0.42E-04	0.47E-04	404.8	12.8	0.18E-02	0.28E-02
268.9	13.0	0.44E-04	0.49E-04	406.8	12.8	0.88E-03	0.12E-02
270.9	13.0	0.39E-04	0.43E-04	408.8	12.9	0.18E-02	0.27E-02
272.8	13.0	0.34E-04	0.37E-04	410.7	12.9	0.11E-02	0.15E-02
274.8	13.0	0.52E-04	0.57E-04	412.7	12.9	0.23E-02	0.35E-02
276.8	13.0	0.32E-04	0.35E-04	414.7	12.9	0.18E-02	0.27E-02
278.8	13.0	0.45E-04	0.49E-04	416.7	13.0	0.92E-03	0.12E-02
280.7	12.9	0.36E-04	0.39E-04	418.6	13.0	0.18E-02	0.27E-02
282.7	12.8	0.36E-04	0.39E-04	420.6	13.1	0.58E-02	0.11E-01
284.7	12.8	0.37E-04	0.40E-04	422.6	13.1	0.43E-02	0.71E-02
286.6	12.8	0.39E-04	0.43E-04	424.5	13.1	0.28E-02	0.47E-02
288.6	12.8	0.39E-04	0.43E-04	426.5	13.1	0.59E-02	0.11E-01
290.6	12.7	0.63E-04	0.70E-04	428.5	13.1	0.38E-02	0.62E-02
292.5	12.7	0.49E-04	0.54E-04	430.4	13.1	0.14E-02	0.20E-02
294.5	12.7	0.43E-04	0.47E-04	432.4	13.1	0.23E-02	0.34E-02
296.5	12.7	0.33E-04	0.37E-04	434.4	13.1	0.25E-02	0.38E-02
298.5	12.7	0.41E-04	0.45E-04	436.4	13.1	0.35E-02	0.58E-02
300.4	12.6	0.54E-04	0.59E-04	438.3	13.1	0.51E-02	0.92E-02
302.4	12.5	0.35E-04	0.39E-04	440.3	13.1	0.40E-02	0.65E-02
304.4	12.5	0.43E-04	0.47E-04	442.3	13.1	0.41E-02	0.66E-02
306.3	12.4	0.55E-04	0.60E-04	444.2	13.1	0.21E-02	0.31E-02
308.3	12.4	0.66E-04	0.74E-04	446.2	13.1	0.43E-02	0.71E-02
310.3	12.4	0.50E-04	0.55E-04	448.2	13.1	0.35E-02	0.58E-02
312.2	12.4	0.49E-04	0.54E-04	450.1	13.1	0.44E-02	0.73E-02
314.2	12.4	0.87E-04	0.97E-04	452.1	13.1	0.36E-02	0.58E-02
316.2	12.4	0.41E-04	0.45E-04	454.1	13.1	0.43E-02	0.70E-02
318.2	12.4	0.57E-04	0.64E-04	456.1	13.1	0.40E-02	0.66E-02
320.1	12.4	0.61E-04	0.68E-04	458.0	13.1	0.60E-02	0.11E-01
322.1	12.4	0.38E-04	0.42E-04	460.0	13.1	0.88E-02	0.16E-01
324.1	12.4	0.51E-04	0.56E-04	462.0	13.1	0.59E-02	0.11E-01
326.0	12.3	0.20E-03	0.24E-03	463.9	13.1	0.20E-01	0.37E-01
328.0	12.3	0.74E-04	0.83E-04	465.9	13.1	0.27E-01	0.50E-01
330.0	12.3	0.65E-04	0.73E-04				
331.9	12.3	0.71E-04	0.80E-04				
333.9	12.3	0.68E-04	0.76E-04				
335.9	12.3	0.70E-04	0.79E-04				
337.9	12.3	0.65E-04	0.73E-04				
339.8	12.3	0.64E-04	0.72E-04				
341.8	12.3	0.68E-04	0.77E-04				
343.8	12.3	0.51E-04	0.56E-04				
345.7	12.3	0.57E-04	0.64E-04				
347.7	12.3	0.44E-04	0.48E-04				
349.7	12.3	0.55E-04	0.61E-04				
351.6	12.3	0.57E-04	0.65E-04				
353.6	12.2	0.59E-04	0.67E-04				

Bottom Salinity = 37.985

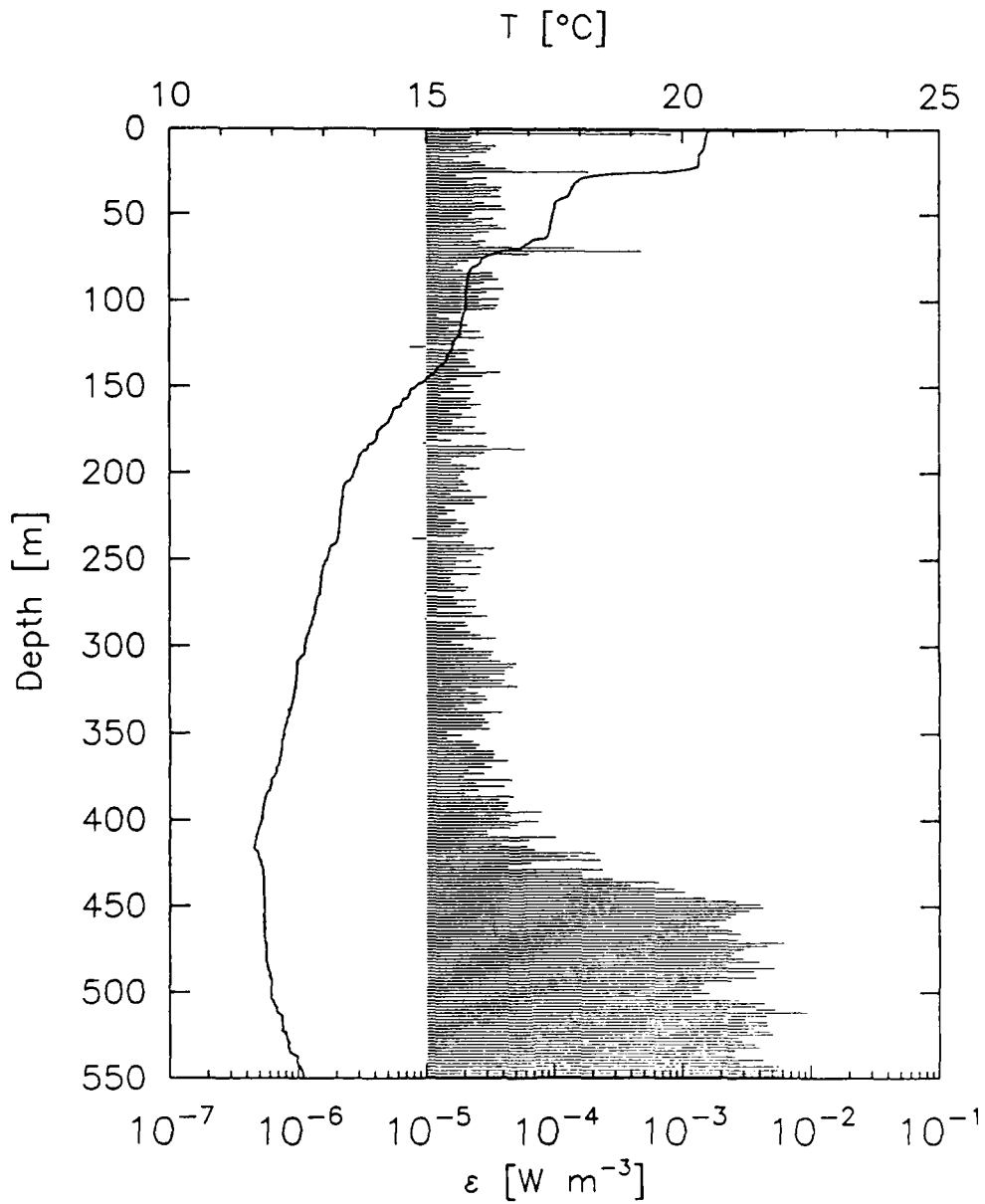


shear highpass: 10.

shear lowpass: 200.

temp lowpass: 3.

mo 0807.diss



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22 SEP 1988 09:11 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

807 XDP
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 550 Depth (m)
 1024 Sampling Rate
 0.2602 S P Sensitivity
 low Gain
 442 Temp Freq
 1 Deck Receiver
 SBL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 1.85 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
0.9	20.5	0.80E-02	0.15E-01	102.7	15.8	0.36E-04	0.40E-04
2.8	20.5	0.82E-03	0.11E-02	104.5	15.8	0.35E-04	0.38E-04
4.6	20.5	0.23E-04	0.24E-04	106.4	15.7	0.19E-04	0.20E-04
6.5	20.5	0.21E-04	0.23E-04	108.2	15.7	0.12E-04	0.13E-04
8.3	20.4	0.27E-04	0.29E-04	110.1	15.7	0.15E-04	0.16E-04
10.2	20.4	0.35E-04	0.39E-04	111.9	15.7	0.18E-04	0.19E-04
12.0	20.4	0.32E-04	0.35E-04	113.8	15.7	0.21E-04	0.23E-04
13.9	20.4	0.29E-04	0.32E-04	115.6	15.7	0.15E-04	0.16E-04
15.7	20.3	0.22E-04	0.23E-04	117.5	15.7	0.27E-04	0.29E-04
17.6	20.3	0.16E-04	0.17E-04	119.3	15.7	0.19E-04	0.21E-04
19.4	20.3	0.27E-04	0.29E-04	121.2	15.6	0.28E-04	0.31E-04
21.3	20.3	0.29E-04	0.31E-04	123.0	15.5	0.17E-04	0.18E-04
23.1	20.2	0.42E-04	0.46E-04	124.9	15.5	0.17E-04	0.18E-04
25.0	19.6	0.18E-03	0.22E-03	126.7	15.5	0.75E-05	0.78E-05
26.8	18.4	0.17E-04	0.18E-04	128.6	15.5	0.24E-04	0.25E-04
28.7	18.1	0.30E-04	0.32E-04	130.4	15.4	0.21E-04	0.23E-04
30.5	18.0	0.21E-04	0.23E-04	132.3	15.4	0.17E-04	0.18E-04
32.4	17.9	0.30E-04	0.32E-04	134.1	15.4	0.21E-04	0.23E-04
34.2	17.9	0.39E-04	0.43E-04	136.0	15.4	0.22E-04	0.23E-04
36.1	17.8	0.37E-04	0.41E-04	137.8	15.3	0.24E-04	0.26E-04
37.9	17.8	0.32E-04	0.36E-04	139.7	15.2	0.18E-04	0.19E-04
39.8	17.7	0.38E-04	0.42E-04	141.5	15.2	0.38E-04	0.42E-04
41.6	17.6	0.23E-04	0.25E-04	143.4	15.1	0.28E-04	0.30E-04
43.5	17.5	0.29E-04	0.31E-04	145.2	15.0	0.17E-04	0.19E-04
45.3	17.5	0.39E-04	0.43E-04	147.1	14.9	0.16E-04	0.17E-04
47.2	17.5	0.42E-04	0.46E-04	148.9	14.8	0.22E-04	0.24E-04
49.0	17.5	0.23E-04	0.25E-04	150.8	14.7	0.16E-04	0.17E-04
50.9	17.5	0.22E-04	0.23E-04	152.6	14.7	0.23E-04	0.25E-04
52.7	17.5	0.33E-04	0.37E-04	154.5	14.7	0.13E-04	0.14E-04
54.6	17.4	0.28E-04	0.30E-04	156.3	14.6	0.22E-04	0.24E-04
56.4	17.4	0.36E-04	0.40E-04	158.2	14.5	0.21E-04	0.22E-04
58.3	17.4	0.42E-04	0.46E-04	160.0	14.5	0.27E-04	0.29E-04
60.1	17.4	0.31E-04	0.33E-04	161.9	14.4	0.23E-04	0.24E-04
62.0	17.4	0.24E-04	0.25E-04	163.7	14.4	0.15E-04	0.16E-04
63.8	17.3	0.22E-04	0.24E-04	165.6	14.3	0.19E-04	0.21E-04
65.7	17.1	0.29E-04	0.31E-04	167.4	14.3	0.25E-04	0.26E-04
67.5	17.0	0.26E-04	0.28E-04	169.3	14.3	0.16E-04	0.17E-04
69.4	16.9	0.14E-03	0.16E-03	171.1	14.2	0.16E-04	0.17E-04
71.2	16.6	0.43E-03	0.60E-03	173.0	14.2	0.24E-04	0.26E-04
73.1	16.3	0.64E-04	0.72E-04	174.8	14.1	0.20E-04	0.21E-04
74.9	16.2	0.28E-04	0.30E-04	176.7	14.0	0.30E-04	0.32E-04
76.8	16.1	0.22E-04	0.23E-04	178.5	14.0	0.12E-04	0.13E-04
78.6	16.0	0.18E-04	0.19E-04	180.4	14.0	0.16E-04	0.17E-04
80.5	15.9	0.17E-04	0.18E-04	182.2	14.0	0.94E-05	0.99E-05
82.3	15.9	0.19E-04	0.21E-04	184.1	13.9	0.30E-04	0.32E-04
84.2	15.8	0.33E-04	0.36E-04	185.9	13.8	0.60E-04	0.67E-04
86.0	15.8	0.33E-04	0.36E-04	187.8	13.8	0.29E-04	0.31E-04
87.9	15.8	0.37E-04	0.40E-04	189.6	13.7	0.25E-04	0.27E-04
89.7	15.8	0.29E-04	0.31E-04	191.5	13.7	0.16E-04	0.17E-04
91.6	15.8	0.23E-04	0.25E-04	193.3	13.7	0.16E-04	0.17E-04
93.4	15.8	0.40E-04	0.44E-04	195.2	13.6	0.21E-04	0.22E-04
95.3	15.8	0.30E-04	0.32E-04	197.0	13.6	0.26E-04	0.28E-04
97.1	15.8	0.26E-04	0.28E-04	198.9	13.6	0.20E-04	0.21E-04
99.0	15.8	0.37E-04	0.41E-04	200.7	13.6	0.18E-04	0.20E-04
100.8	15.8	0.26E-04	0.28E-04	202.6	13.6	0.18E-04	0.19E-04

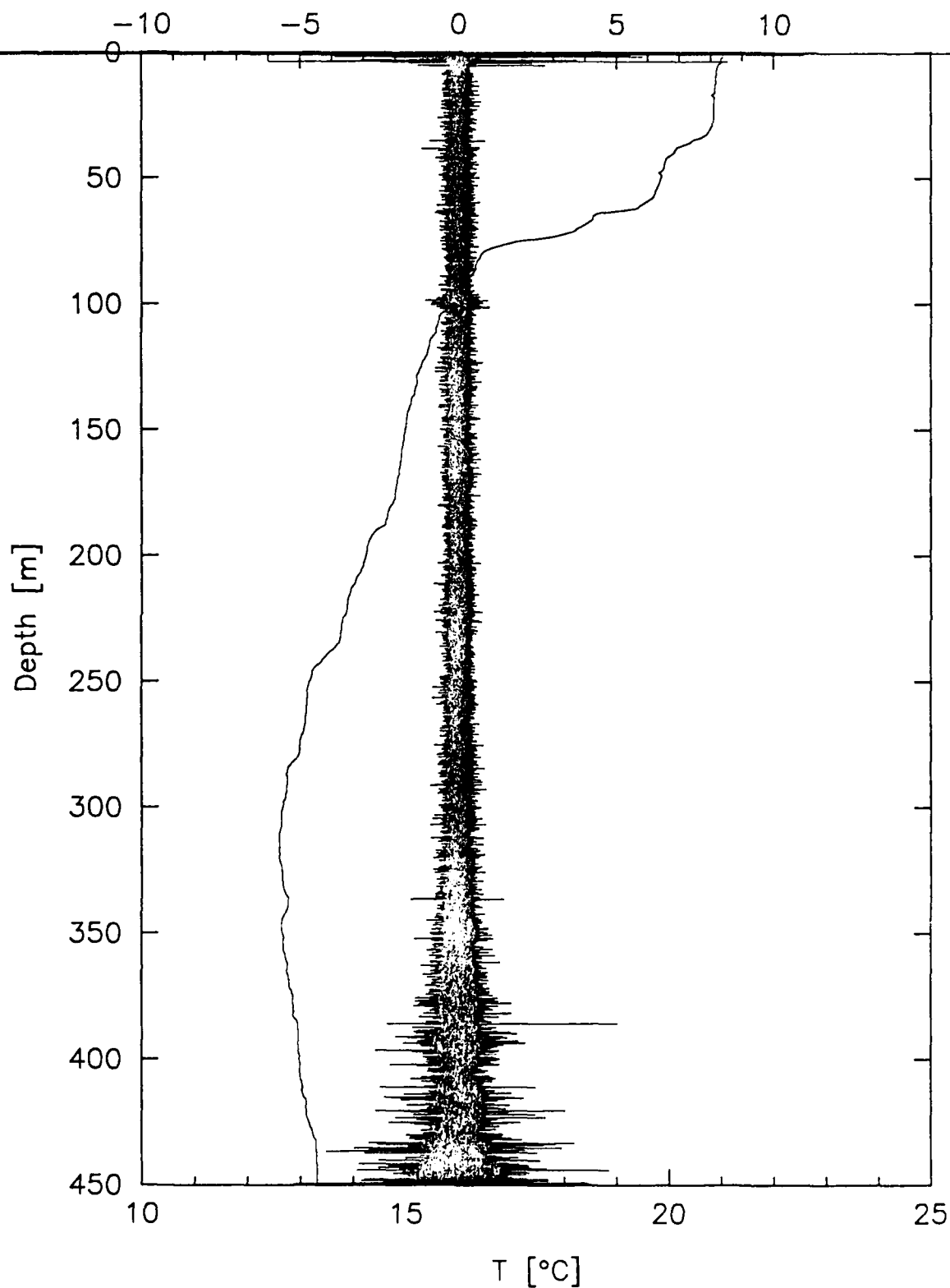
Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
204.4	13.5	0.20E-04	0.22E-04	333.9	12.4	0.20E-04	0.21E-04
206.3	13.4	0.21E-04	0.23E-04	335.8	12.4	0.21E-04	0.22E-04
208.1	13.4	0.18E-04	0.19E-04	337.6	12.3	0.30E-04	0.43E-04
210.0	13.4	0.22E-04	0.24E-04	339.5	12.3	0.27E-04	0.30E-04
211.8	13.4	0.15E-04	0.16E-04	341.3	12.3	0.29E-04	0.31E-04
213.7	13.4	0.30E-04	0.32E-04	343.2	12.3	0.31E-04	0.33E-04
215.5	13.4	0.23E-04	0.25E-04	345.0	12.3	0.27E-04	0.29E-04
217.4	13.4	0.24E-04	0.26E-04	346.9	12.2	0.31E-04	0.34E-04
219.2	13.3	0.14E-04	0.15E-04	348.7	12.2	0.14E-04	0.15E-04
221.1	13.3	0.17E-04	0.18E-04	350.6	12.2	0.19E-04	0.20E-04
222.9	13.3	0.15E-04	0.15E-04	352.4	12.2	0.14E-04	0.15E-04
224.8	13.3	0.12E-04	0.13E-04	354.3	12.2	0.23E-04	0.25E-04
226.6	13.3	0.17E-04	0.19E-04	356.1	12.2	0.26E-04	0.28E-04
228.5	13.3	0.20E-04	0.22E-04	358.0	12.2	0.24E-04	0.26E-04
230.3	13.3	0.16E-04	0.17E-04	359.8	12.2	0.33E-04	0.36E-04
232.2	13.3	0.21E-04	0.23E-04	361.7	12.1	0.34E-04	0.37E-04
234.0	13.3	0.21E-04	0.23E-04	363.5	12.1	0.33E-04	0.36E-04
235.9	13.3	0.19E-04	0.21E-04	365.4	12.1	0.43E-04	0.47E-04
237.7	13.3	0.76E-05	0.81E-05	367.2	12.1	0.28E-04	0.31E-04
239.6	13.3	0.20E-04	0.21E-04	369.1	12.1	0.32E-04	0.35E-04
241.4	13.2	0.24E-04	0.26E-04	370.9	12.1	0.21E-04	0.23E-04
243.3	13.1	0.34E-04	0.37E-04	372.8	12.1	0.28E-04	0.30E-04
245.1	13.1	0.25E-04	0.27E-04	374.6	12.0	0.20E-04	0.21E-04
247.0	13.1	0.28E-04	0.30E-04	376.5	12.0	0.47E-04	0.51E-04
248.8	13.1	0.17E-04	0.19E-04	378.3	12.0	0.24E-04	0.26E-04
250.7	13.1	0.23E-04	0.24E-04	380.2	12.0	0.41E-04	0.45E-04
252.5	13.0	0.17E-04	0.18E-04	382.0	11.9	0.25E-04	0.27E-04
254.4	13.0	0.27E-04	0.29E-04	383.9	11.9	0.20E-04	0.22E-04
256.2	13.0	0.16E-04	0.17E-04	385.7	11.9	0.48E-04	0.53E-04
258.1	13.0	0.26E-04	0.28E-04	387.6	11.8	0.37E-04	0.41E-04
259.9	12.9	0.16E-04	0.17E-04	389.4	11.8	0.44E-04	0.48E-04
261.8	12.9	0.16E-04	0.17E-04	391.3	11.8	0.43E-04	0.47E-04
263.6	12.9	0.17E-04	0.18E-04	393.1	11.8	0.41E-04	0.45E-04
265.5	12.9	0.21E-04	0.23E-04	395.0	11.8	0.78E-04	0.88E-04
267.3	12.9	0.20E-04	0.22E-04	396.8	11.8	0.46E-04	0.50E-04
269.2	12.9	0.96E-05	0.10E-04	398.7	11.8	0.37E-04	0.41E-04
271.0	12.9	0.17E-04	0.18E-04	400.5	11.8	0.75E-04	0.84E-04
272.9	12.9	0.24E-04	0.26E-04	402.4	11.8	0.51E-04	0.57E-04
274.7	12.8	0.17E-04	0.19E-04	404.2	11.7	0.45E-04	0.49E-04
276.6	12.8	0.25E-04	0.26E-04	406.1	11.7	0.29E-04	0.32E-04
278.4	12.8	0.12E-04	0.13E-04	407.9	11.7	0.30E-04	0.32E-04
280.3	12.8	0.23E-04	0.24E-04	409.8	11.7	0.10E-03	0.12E-03
282.1	12.8	0.30E-04	0.32E-04	411.6	11.7	0.64E-04	0.72E-04
284.0	12.8	0.96E-05	0.10E-04	413.5	11.7	0.38E-04	0.42E-04
285.8	12.8	0.20E-04	0.22E-04	415.3	11.6	0.62E-04	0.69E-04
287.7	12.8	0.21E-04	0.23E-04	417.2	11.7	0.71E-04	0.80E-04
289.5	12.7	0.17E-04	0.18E-04	419.0	11.7	0.21E-03	0.25E-03
291.4	12.7	0.22E-04	0.24E-04	420.9	11.7	0.16E-03	0.18E-03
293.2	12.7	0.27E-04	0.29E-04	422.7	11.7	0.23E-03	0.27E-03
295.1	12.7	0.35E-04	0.39E-04	424.6	11.8	0.66E-04	0.74E-04
296.9	12.6	0.16E-04	0.17E-04	426.4	11.8	0.44E-04	0.48E-04
298.8	12.6	0.20E-04	0.21E-04	428.3	11.8	0.24E-03	0.28E-03
300.6	12.6	0.23E-04	0.25E-04	430.1	11.8	0.17E-03	0.19E-03
302.5	12.6	0.34E-04	0.37E-04	432.0	11.8	0.17E-03	0.19E-03
304.3	12.6	0.32E-04	0.35E-04	433.8	11.8	0.28E-03	0.34E-03
306.2	12.6	0.31E-04	0.33E-04	435.7	11.8	0.65E-03	0.86E-03
308.0	12.5	0.38E-04	0.42E-04	437.5	11.8	0.39E-03	0.49E-03
309.9	12.5	0.50E-04	0.55E-04	439.4	11.8	0.86E-03	0.11E-02
311.7	12.5	0.48E-04	0.52E-04	441.2	11.8	0.10E-02	0.15E-02
313.6	12.5	0.41E-04	0.45E-04	443.1	11.8	0.61E-03	0.80E-03
315.4	12.5	0.41E-04	0.45E-04	444.9	11.8	0.15E-02	0.21E-02
317.3	12.5	0.31E-04	0.34E-04	446.8	11.8	0.26E-02	0.39E-02
319.1	12.5	0.41E-04	0.45E-04	448.6	11.8	0.40E-02	0.66E-02
321.0	12.4	0.39E-04	0.43E-04	450.5	11.8	0.43E-02	0.70E-02
322.8	12.4	0.52E-04	0.57E-04	452.3	11.8	0.33E-02	0.54E-02
324.7	12.4	0.20E-04	0.22E-04	454.2	11.8	0.26E-02	0.40E-02
326.5	12.4	0.25E-04	0.27E-04	456.0	11.8	0.24E-02	0.36E-02
328.4	12.4	0.29E-04	0.31E-04	457.9	11.8	0.22E-02	0.33E-02
330.2	12.4	0.30E-04	0.32E-04	459.7	11.8	0.14E-02	0.19E-02
332.1	12.4	0.27E-04	0.29E-04	461.6	11.8	0.20E-02	0.30E-02

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
463.4	11.8	0.24E-02	0.37E-02
465.3	11.8	0.28E-02	0.46E-02
467.1	11.8	0.16E-02	0.24E-02
469.0	11.9	0.28E-02	0.45E-02
470.8	11.9	0.62E-02	0.11E-01
472.7	11.9	0.46E-02	0.84E-02
474.5	11.9	0.30E-02	0.50E-02
476.4	11.9	0.25E-02	0.38E-02
478.2	11.9	0.24E-02	0.36E-02
480.1	11.9	0.30E-02	0.49E-02
481.9	11.9	0.40E-02	0.65E-02
483.8	11.9	0.22E-02	0.33E-02
485.6	11.9	0.53E-02	0.96E-02
487.5	11.9	0.36E-02	0.59E-02
489.3	11.9	0.19E-02	0.29E-02
491.2	11.9	0.37E-02	0.61E-02
493.0	12.0	0.24E-02	0.37E-02
494.9	12.0	0.15E-02	0.21E-02
496.7	12.0	0.13E-02	0.19E-02
498.6	12.0	0.14E-02	0.20E-02
500.4	12.0	0.16E-02	0.25E-02
502.3	12.0	0.12E-02	0.17E-02
504.1	12.0	0.28E-02	0.46E-02
506.0	12.0	0.44E-02	0.73E-02
507.8	12.0	0.38E-02	0.62E-02
509.7	12.1	0.53E-02	0.96E-02
511.5	12.1	0.94E-02	0.17E-01
513.4	12.2	0.46E-02	0.84E-02
515.2	12.2	0.31E-02	0.51E-02
517.1	12.2	0.46E-02	0.84E-02
518.9	12.2	0.46E-02	0.84E-02
520.8	12.2	0.36E-02	0.59E-02
522.6	12.2	0.48E-02	0.87E-02
524.5	12.3	0.51E-02	0.93E-02
526.3	12.3	0.27E-02	0.44E-02
528.2	12.3	0.29E-02	0.48E-02
530.0	12.3	0.37E-02	0.60E-02
531.9	12.3	0.41E-02	0.67E-02
533.7	12.3	0.26E-02	0.39E-02
535.6	12.4	0.18E-02	0.28E-02
537.4	12.5	0.26E-02	0.39E-02
539.3	12.5	0.44E-02	0.72E-02
541.1	12.5	0.28E-02	0.46E-02
543.0	12.5	0.58E-02	0.11E-01
544.8	12.6	0.62E-02	0.11E-01
546.7	12.6	0.42E-02	0.69E-02
548.5	12.6	0.56E-02	0.10E-01

Bottom Salinity = 36.080

mo 0809

$\partial u / \partial z$ [sec⁻¹]



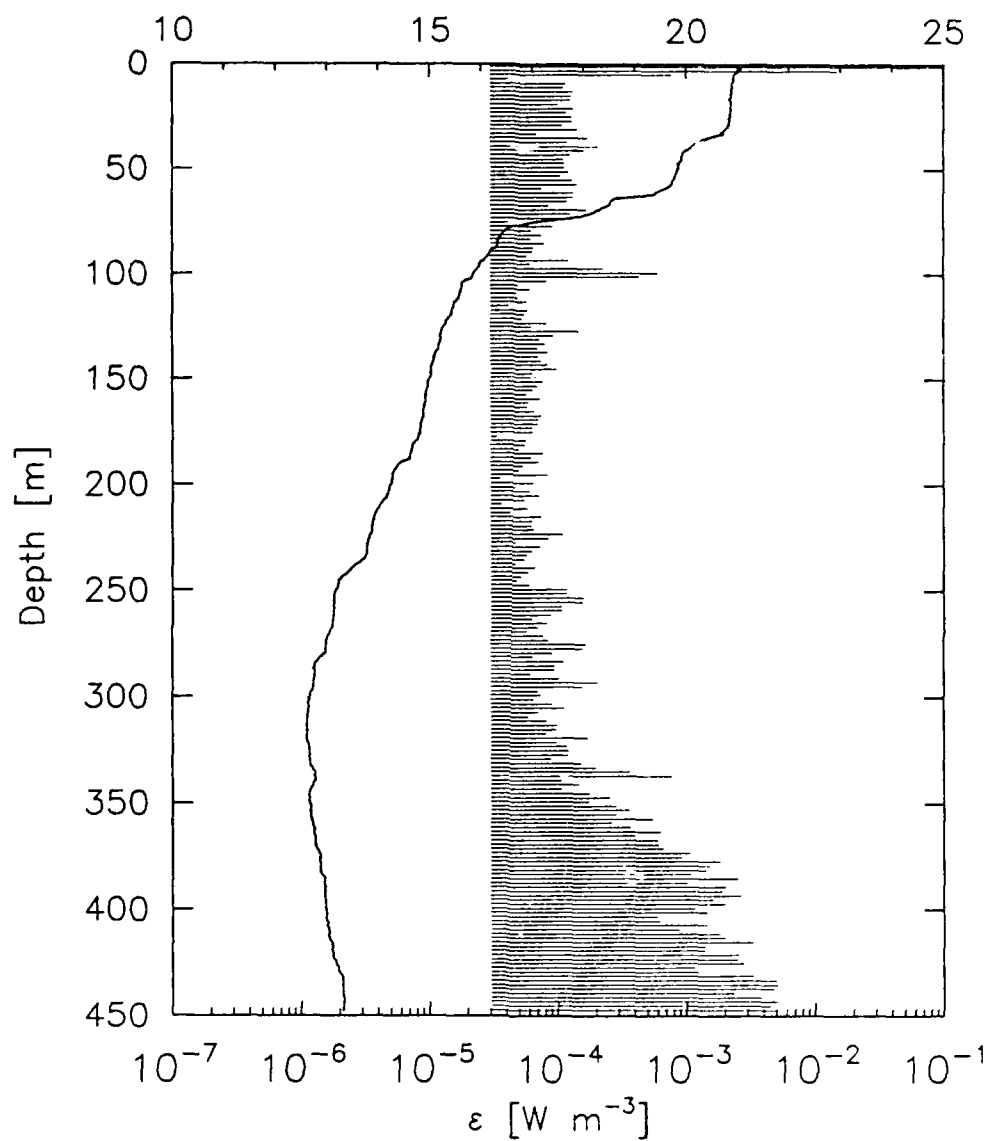
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shear lowpass: 200.

temp lowpass: 3.

mo 0809.diss

T [°C]



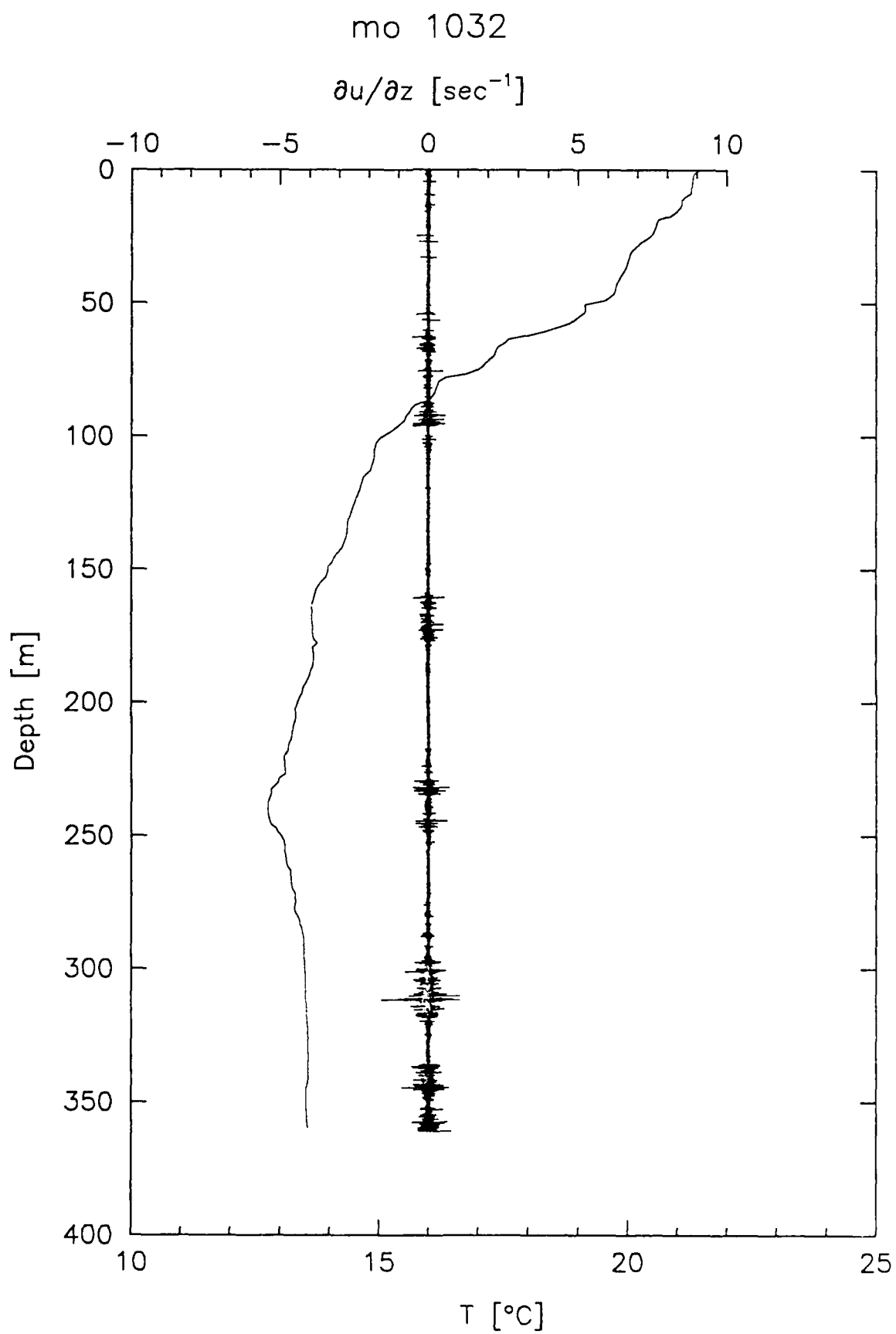
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Ratio for high frequency cutoff: 0.75

809 XDP
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 35 53.85 6 30.41 Lat/Lon
 450 Depth (m)
 1024 Sampling Rate
 0.1597 S P Sensitivity
 low Gain
 446 Temp Freq
 1 Deck Receiver
 SBL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.00 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.0	21.0	0.19E+00	0.35E+00	111.0	15.6	0.48E-04	0.53E-04
3.0	21.0	0.15E-01	0.27E-01	113.0	15.5	0.57E-04	0.64E-04
5.0	20.9	0.77E-03	0.10E-02	115.0	15.5	0.41E-04	0.45E-04
7.0	20.9	0.41E-04	0.45E-04	117.0	15.4	0.57E-04	0.64E-04
9.0	20.9	0.11E-03	0.13E-03	119.0	15.4	0.54E-04	0.59E-04
11.0	20.9	0.11E-03	0.13E-03	121.0	15.4	0.52E-04	0.57E-04
13.0	20.9	0.13E-03	0.15E-03	123.0	15.3	0.82E-04	0.92E-04
15.0	20.9	0.13E-03	0.14E-03	125.0	15.3	0.62E-04	0.69E-04
17.0	20.9	0.12E-03	0.14E-03	127.0	15.2	0.15E-03	0.17E-03
19.0	20.9	0.10E-03	0.11E-03	129.0	15.2	0.92E-04	0.10E-03
21.0	20.9	0.13E-03	0.15E-03	131.0	15.2	0.72E-04	0.81E-04
23.0	20.9	0.12E-03	0.13E-03	133.0	15.2	0.79E-04	0.89E-04
25.0	20.9	0.13E-03	0.15E-03	135.0	15.2	0.69E-04	0.78E-04
27.0	20.8	0.13E-03	0.15E-03	137.0	15.1	0.83E-04	0.93E-04
29.0	20.8	0.11E-03	0.12E-03	139.0	15.1	0.70E-04	0.78E-04
31.0	20.8	0.14E-03	0.16E-03	141.0	15.1	0.73E-04	0.82E-04
33.0	20.7	0.69E-04	0.77E-04	143.0	15.0	0.83E-04	0.93E-04
35.0	20.4	0.17E-03	0.20E-03	145.0	15.0	0.98E-04	0.11E-03
37.0	20.2	0.12E-03	0.14E-03	147.0	15.0	0.63E-04	0.71E-04
39.0	20.1	0.21E-03	0.25E-03	149.0	15.0	0.77E-04	0.87E-04
41.0	20.0	0.16E-03	0.18E-03	151.0	15.0	0.76E-04	0.85E-04
43.0	19.9	0.12E-03	0.14E-03	153.0	15.0	0.69E-04	0.78E-04
45.0	19.9	0.11E-03	0.13E-03	155.0	14.9	0.64E-04	0.72E-04
47.0	19.9	0.11E-03	0.13E-03	157.0	14.9	0.57E-04	0.64E-04
49.0	19.8	0.11E-03	0.13E-03	159.0	14.9	0.73E-04	0.82E-04
51.0	19.8	0.12E-03	0.14E-03	161.0	14.9	0.59E-04	0.66E-04
53.0	19.8	0.10E-03	0.12E-03	163.0	14.9	0.57E-04	0.65E-04
55.0	19.7	0.13E-03	0.15E-03	165.0	14.9	0.65E-04	0.73E-04
57.0	19.7	0.14E-03	0.16E-03	167.0	14.9	0.74E-04	0.83E-04
59.0	19.6	0.74E-04	0.83E-04	169.0	14.9	0.70E-04	0.79E-04
61.0	19.4	0.13E-03	0.15E-03	171.0	14.8	0.69E-04	0.78E-04
63.0	19.0	0.13E-03	0.15E-03	173.0	14.8	0.63E-04	0.71E-04
65.0	18.5	0.12E-03	0.14E-03	175.0	14.8	0.63E-04	0.71E-04
67.0	18.5	0.85E-04	0.96E-04	177.0	14.8	0.33E-04	0.37E-04
69.0	18.3	0.17E-03	0.19E-03	179.0	14.7	0.56E-04	0.63E-04
71.0	18.1	0.13E-03	0.14E-03	181.0	14.7	0.55E-04	0.60E-04
73.0	17.8	0.13E-03	0.15E-03	183.0	14.7	0.50E-04	0.55E-04
75.0	17.1	0.41E-04	0.45E-04	185.0	14.6	0.77E-04	0.87E-04
77.0	16.7	0.91E-04	0.10E-03	187.0	14.6	0.62E-04	0.70E-04
79.0	16.5	0.62E-04	0.70E-04	189.0	14.5	0.71E-04	0.80E-04
81.0	16.4	0.74E-04	0.83E-04	191.0	14.4	0.53E-04	0.58E-04
83.0	16.3	0.61E-04	0.69E-04	193.0	14.3	0.50E-04	0.55E-04
85.0	16.3	0.78E-04	0.87E-04	195.0	14.3	0.83E-04	0.93E-04
87.0	16.3	0.64E-04	0.72E-04	197.0	14.3	0.36E-04	0.39E-04
89.0	16.2	0.63E-04	0.71E-04	199.0	14.3	0.64E-04	0.72E-04
91.0	16.1	0.58E-04	0.65E-04	201.0	14.2	0.46E-04	0.51E-04
93.0	16.1	0.12E-03	0.14E-03	203.0	14.2	0.60E-04	0.67E-04
95.0	16.0	0.61E-04	0.69E-04	205.0	14.2	0.71E-04	0.80E-04
97.0	15.9	0.22E-03	0.27E-03	207.0	14.1	0.54E-04	0.59E-04
99.0	15.9	0.60E-03	0.79E-03	209.0	14.1	0.36E-04	0.39E-04
101.0	15.8	0.43E-03	0.54E-03	211.0	14.0	0.58E-04	0.66E-04
103.0	15.7	0.81E-04	0.91E-04	213.0	14.0	0.42E-04	0.47E-04
105.0	15.6	0.49E-04	0.54E-04	215.0	13.9	0.74E-04	0.83E-04
107.0	15.6	0.60E-04	0.67E-04	217.0	13.9	0.63E-04	0.71E-04
109.0	15.6	0.47E-04	0.52E-04	219.0	13.9	0.62E-04	0.70E-04

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
221.0	13.9	0.65E-04	0.73E-04	361.0	12.7	0.37E-03	0.46E-03
223.0	13.9	0.11E-03	0.12E-03	363.0	12.8	0.63E-03	0.83E-03
225.0	13.8	0.84E-04	0.95E-04	365.0	12.8	0.40E-03	0.50E-03
227.0	13.8	0.47E-04	0.51E-04	367.0	12.8	0.60E-03	0.79E-03
229.0	13.8	0.72E-04	0.81E-04	369.0	12.8	0.61E-03	0.80E-03
231.0	13.8	0.62E-04	0.70E-04	371.0	12.8	0.66E-03	0.87E-03
233.0	13.8	0.57E-04	0.64E-04	373.0	12.8	0.11E-02	0.15E-02
235.0	13.7	0.55E-04	0.60E-04	375.0	12.9	0.91E-03	0.12E-02
237.0	13.6	0.46E-04	0.51E-04	377.0	12.9	0.18E-02	0.28E-02
239.0	13.5	0.66E-04	0.74E-04	379.0	12.9	0.15E-02	0.21E-02
241.0	13.4	0.59E-04	0.66E-04	381.0	12.9	0.14E-02	0.20E-02
243.0	13.3	0.52E-04	0.57E-04	383.0	12.9	0.11E-02	0.15E-02
245.0	13.2	0.48E-04	0.53E-04	385.0	12.9	0.25E-02	0.37E-02
247.0	13.2	0.59E-04	0.67E-04	387.0	13.0	0.10E-02	0.14E-02
249.0	13.2	0.12E-03	0.13E-03	389.0	13.0	0.20E-02	0.31E-02
251.0	13.1	0.12E-03	0.13E-03	391.0	13.0	0.19E-02	0.29E-02
253.0	13.1	0.16E-03	0.18E-03	393.0	13.0	0.27E-02	0.40E-02
255.0	13.1	0.15E-03	0.18E-03	395.0	13.0	0.16E-02	0.25E-02
257.0	13.1	0.11E-03	0.12E-03	397.0	13.0	0.20E-02	0.30E-02
259.0	13.1	0.11E-03	0.12E-03	399.0	13.0	0.12E-02	0.17E-02
261.0	13.1	0.87E-04	0.98E-04	401.0	13.0	0.15E-02	0.20E-02
263.0	13.1	0.62E-04	0.70E-04	403.0	13.0	0.60E-03	0.78E-03
265.0	13.1	0.81E-04	0.91E-04	405.0	13.0	0.62E-03	0.81E-03
267.0	13.1	0.69E-04	0.78E-04	407.0	13.0	0.14E-02	0.20E-02
269.0	13.1	0.58E-04	0.65E-04	409.0	13.0	0.88E-03	0.12E-02
271.0	13.0	0.77E-04	0.87E-04	411.0	13.0	0.18E-02	0.27E-02
273.0	13.0	0.84E-04	0.95E-04	413.0	13.0	0.20E-02	0.30E-02
275.0	13.0	0.17E-03	0.19E-03	415.0	13.1	0.33E-02	0.54E-02
277.0	13.0	0.16E-03	0.18E-03	417.0	13.1	0.14E-02	0.20E-02
279.0	13.0	0.90E-04	0.10E-03	419.0	13.1	0.14E-02	0.20E-02
281.0	12.9	0.64E-04	0.72E-04	421.0	13.1	0.26E-02	0.39E-02
283.0	12.8	0.11E-03	0.13E-03	423.0	13.1	0.25E-02	0.38E-02
285.0	12.8	0.94E-04	0.11E-03	425.0	13.2	0.28E-02	0.46E-02
287.0	12.7	0.95E-04	0.11E-03	427.0	13.2	0.12E-02	0.16E-02
289.0	12.8	0.61E-04	0.69E-04	429.0	13.2	0.12E-02	0.18E-02
291.0	12.7	0.10E-03	0.11E-03	431.0	13.3	0.33E-02	0.54E-02
293.0	12.7	0.20E-03	0.24E-03	433.0	13.3	0.50E-02	0.91E-02
295.0	12.7	0.16E-03	0.18E-03	435.0	13.3	0.51E-02	0.93E-02
297.0	12.7	0.69E-04	0.78E-04	437.0	13.3	0.48E-02	0.88E-02
299.0	12.7	0.74E-04	0.83E-04	439.0	13.3	0.23E-02	0.35E-02
301.0	12.6	0.64E-04	0.72E-04	441.0	13.3	0.38E-02	0.62E-02
303.0	12.6	0.90E-04	0.10E-03	443.0	13.3	0.51E-02	0.93E-02
305.0	12.6	0.11E-03	0.13E-03	445.0	13.3	0.45E-02	0.74E-02
307.0	12.6	0.70E-04	0.78E-04	447.0	13.3	0.51E-02	0.93E-02
309.0	12.6	0.58E-04	0.66E-04				
311.0	12.6	0.81E-04	0.91E-04				
313.0	12.6	0.98E-04	0.11E-03				
315.0	12.6	0.97E-04	0.11E-03				
317.0	12.6	0.82E-04	0.92E-04				
319.0	12.6	0.17E-03	0.20E-03				
321.0	12.6	0.96E-04	0.11E-03				
323.0	12.6	0.12E-03	0.13E-03				
325.0	12.7	0.12E-03	0.14E-03				
327.0	12.7	0.12E-03	0.14E-03				
329.0	12.7	0.88E-04	0.98E-04				
331.0	12.7	0.15E-03	0.17E-03				
333.0	12.7	0.20E-03	0.23E-03				
335.0	12.7	0.36E-03	0.46E-03				
337.0	12.8	0.77E-03	0.10E-02				
339.0	12.8	0.11E-03	0.12E-03				
341.0	12.7	0.15E-03	0.17E-03				
343.0	12.7	0.11E-03	0.12E-03				
345.0	12.7	0.17E-03	0.20E-03				
347.0	12.7	0.25E-03	0.30E-03				
349.0	12.7	0.17E-03	0.20E-03				
351.0	12.7	0.28E-03	0.34E-03				
353.0	12.7	0.35E-03	0.44E-03				
355.0	12.7	0.28E-03	0.34E-03				
357.0	12.7	0.54E-03	0.68E-03				
359.0	12.7	0.26E-03	0.31E-03				

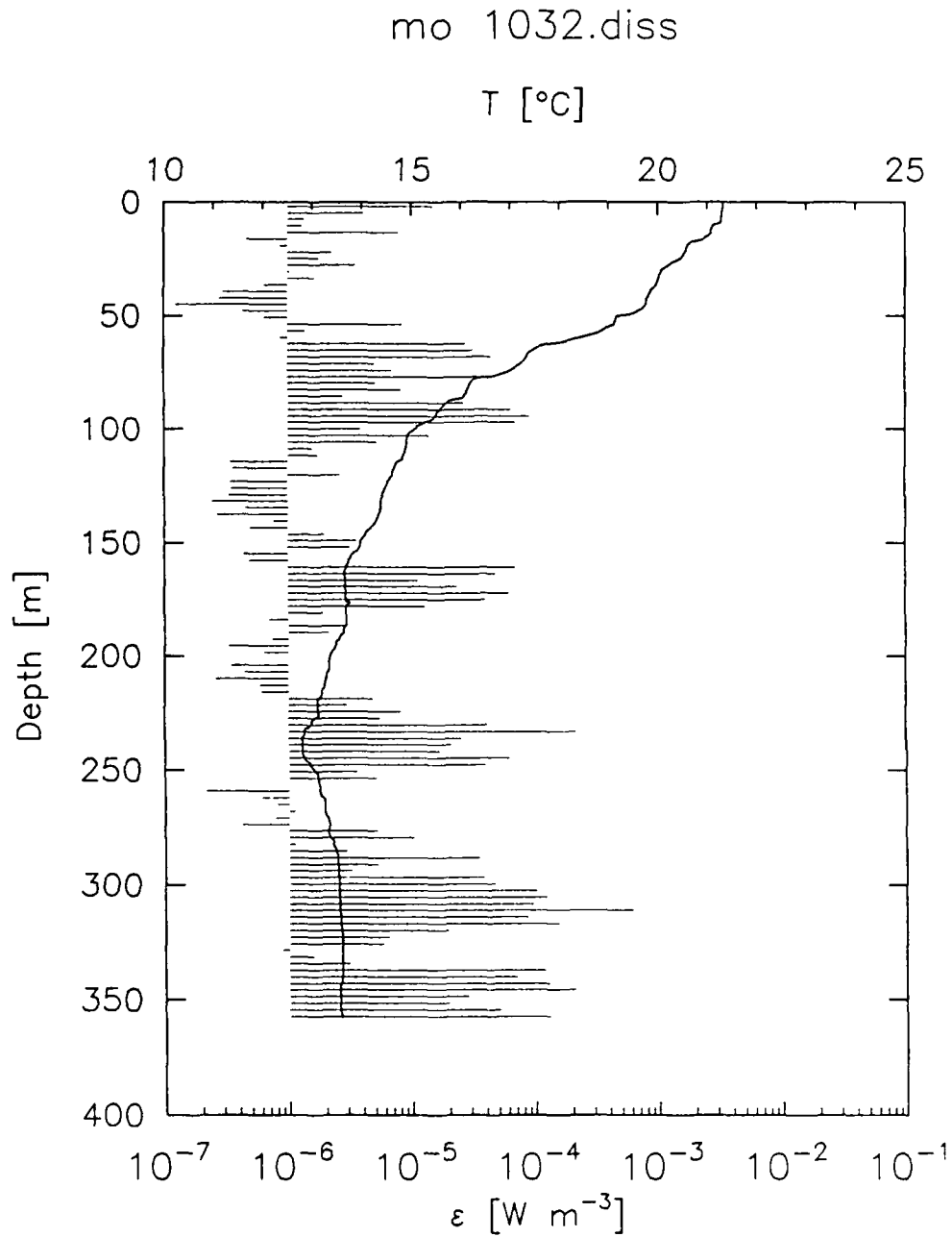
Bottom Salinity = 36.894



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.



35 54.24 6 24.56 Lat/Lon
 22 SEP 1988 12:09 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

1032 XDP
 8 Site Number
 19882661209 22 SEP 1988 12:09 GMT
 19890462126 16 FEB 1989 21:26 GMT Digitized
 35 54.24 6 24.56 Lat/Lon
 360 Depth (m)
 1024 Sampling Rate
 0.2070 S P Sensitivity
 high Gain
 445 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.89 Drop Rate (m/s)

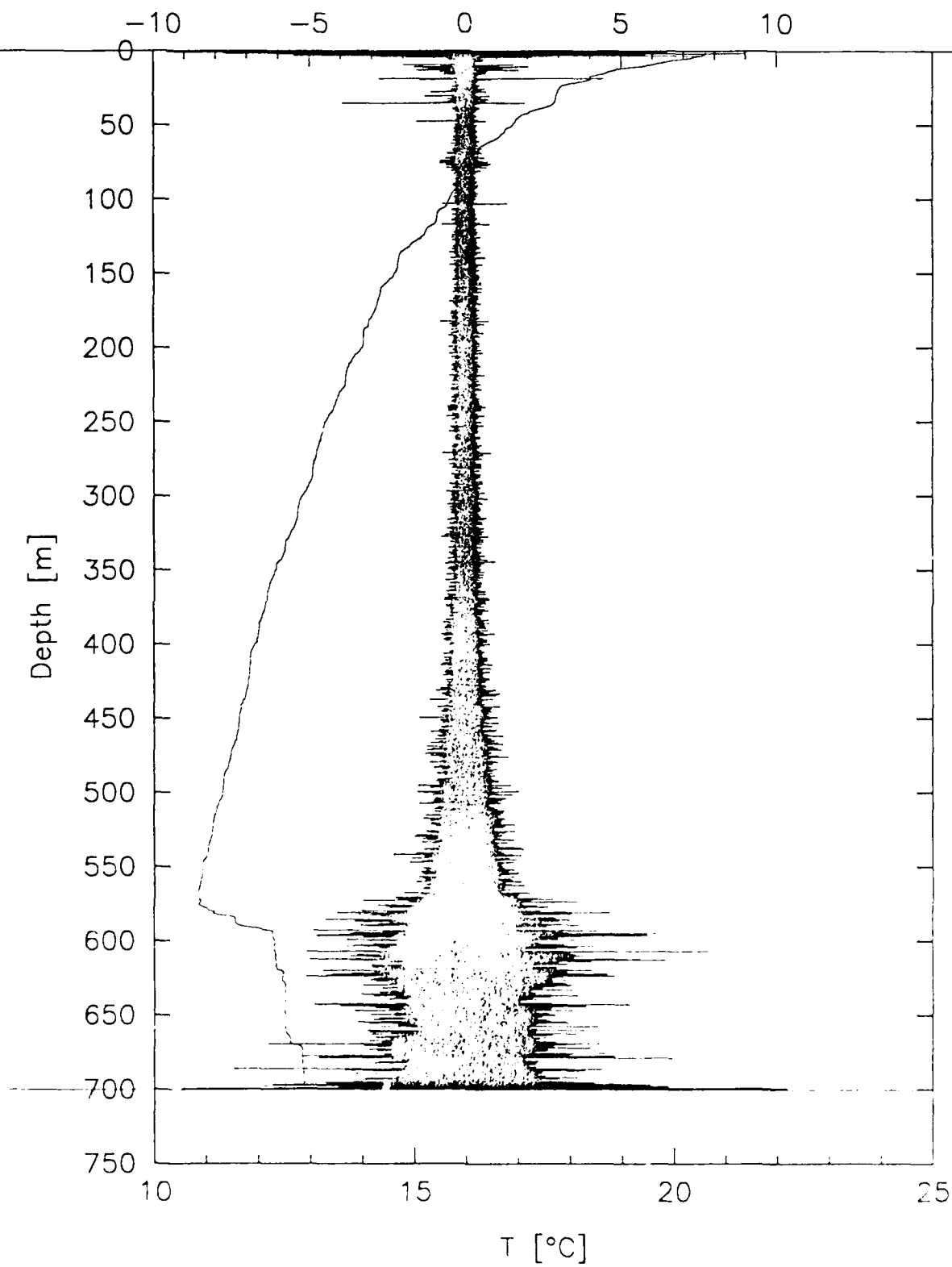
Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	21.3	0.15E-04	0.16E-04	160.4	13.7	0.69E-04	0.78E-04
4.3	21.3	0.41E-05	0.43E-05	163.3	13.6	0.48E-04	0.52E-04
7.2	21.3	0.14E-05	0.14E-05	166.2	13.6	0.11E-04	0.12E-04
10.1	21.2	0.13E-05	0.13E-05	169.1	13.7	0.23E-04	0.25E-04
13.0	21.1	0.79E-05	0.83E-05	172.0	13.7	0.63E-04	0.70E-04
15.9	20.9	0.46E-06	0.47E-06	174.8	13.7	0.40E-04	0.44E-04
18.8	20.6	0.87E-06	0.89E-06	177.7	13.7	0.13E-04	0.14E-04
21.7	20.6	0.23E-05	0.23E-05	180.6	13.7	0.19E-05	0.20E-05
24.6	20.5	0.18E-05	0.18E-05	183.5	13.7	0.71E-06	0.72E-06
27.5	20.2	0.35E-05	0.37E-05	186.4	13.7	0.30E-05	0.31E-05
30.3	20.1	0.10E-05	0.11E-05	189.3	13.6	0.21E-05	0.22E-05
33.2	20.0	0.16E-05	0.17E-05	192.2	13.5	0.74E-06	0.76E-06
36.1	20.0	0.65E-06	0.66E-06	195.1	13.5	0.33E-06	0.33E-06
39.0	19.9	0.30E-06	0.31E-06	198.0	13.4	0.64E-06	0.65E-06
41.9	19.8	0.28E-06	0.29E-06	200.9	13.3	0.99E-06	0.10E-05
44.8	19.8	0.12E-06	0.13E-06	203.7	13.3	0.35E-06	0.35E-06
47.7	19.6	0.43E-06	0.44E-06	206.6	13.3	0.44E-06	0.45E-06
50.6	19.2	0.64E-06	0.66E-06	209.5	13.3	0.26E-06	0.26E-06
53.5	19.1	0.85E-05	0.89E-05	212.4	13.2	0.59E-06	0.60E-06
56.4	18.9	0.14E-05	0.14E-05	215.3	13.2	0.60E-06	0.62E-06
59.2	18.5	0.87E-06	0.89E-06	218.2	13.1	0.48E-05	0.50E-05
62.1	17.9	0.28E-04	0.30E-04	221.1	13.1	0.29E-05	0.30E-05
65.0	17.5	0.32E-04	0.35E-04	224.0	13.1	0.82E-05	0.86E-05
67.9	17.4	0.45E-04	0.49E-04	226.9	13.1	0.55E-05	0.58E-05
70.8	17.2	0.51E-05	0.53E-05	229.8	13.0	0.41E-04	0.45E-04
73.7	17.1	0.71E-05	0.75E-05	232.6	12.8	0.21E-03	0.25E-03
76.6	16.6	0.35E-04	0.38E-04	235.5	12.8	0.25E-04	0.27E-04
79.5	16.2	0.52E-05	0.54E-05	238.4	12.8	0.21E-04	0.22E-04
82.4	16.2	0.83E-05	0.87E-05	241.3	12.8	0.17E-04	0.18E-04
85.3	16.1	0.28E-05	0.28E-05	244.2	12.8	0.62E-04	0.69E-04
88.1	15.7	0.27E-04	0.29E-04	247.1	12.9	0.40E-04	0.43E-04
91.0	15.6	0.65E-04	0.73E-04	250.0	13.0	0.35E-05	0.37E-05
93.9	15.5	0.91E-04	0.10E-03	252.9	13.1	0.51E-05	0.53E-05
96.8	15.3	0.70E-04	0.78E-04	255.8	13.1	0.10E-05	0.10E-05
99.7	15.1	0.39E-05	0.41E-05	258.7	13.1	0.21E-06	0.22E-06
102.6	14.9	0.14E-04	0.15E-04	261.5	13.2	0.60E-06	0.62E-06
105.5	14.9	0.53E-05	0.55E-05	264.4	13.2	0.80E-06	0.82E-06
108.4	14.9	0.16E-05	0.16E-05	267.3	13.2	0.11E-05	0.11E-05
111.3	14.8	0.17E-05	0.18E-05	270.2	13.3	0.76E-06	0.78E-06
114.2	14.7	0.34E-06	0.35E-06	273.1	13.3	0.42E-06	0.42E-06
117.0	14.7	0.36E-06	0.36E-06	276.0	13.3	0.53E-05	0.55E-05
119.9	14.6	0.27E-05	0.27E-05	278.9	13.3	0.10E-04	0.11E-04
122.8	14.5	0.35E-06	0.35E-06	281.8	13.4	0.11E-05	0.11E-05
125.7	14.5	0.35E-06	0.35E-06	284.7	13.4	0.29E-05	0.30E-05
128.6	14.4	0.34E-06	0.34E-06	287.6	13.5	0.35E-04	0.38E-04
131.5	14.4	0.24E-06	0.24E-06	290.4	13.5	0.52E-05	0.54E-05
134.4	14.4	0.45E-06	0.45E-06	293.3	13.5	0.32E-05	0.33E-05
137.3	14.3	0.27E-06	0.27E-06	296.2	13.5	0.37E-04	0.41E-04
140.2	14.3	0.76E-06	0.77E-06	299.1	13.5	0.46E-04	0.51E-04
143.1	14.2	0.49E-06	0.50E-06	302.0	13.5	0.10E-03	0.12E-03
145.9	14.1	0.20E-05	0.20E-05	304.9	13.5	0.12E-03	0.14E-03
148.8	14.0	0.36E-05	0.37E-05	307.8	13.5	0.95E-04	0.11E-03
151.7	13.9	0.32E-05	0.33E-05	310.7	13.5	0.62E-03	0.81E-03
154.6	13.8	0.44E-06	0.44E-06	313.6	13.5	0.87E-04	0.97E-04
157.5	13.7	0.49E-06	0.50E-06	316.5	13.5	0.16E-03	0.18E-03

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
319.3	13.6	0.19E-04	0.21E-04
322.2	13.6	0.64E-05	0.67E-05
325.1	13.6	0.57E-05	0.60E-05
328.0	13.6	0.88E-06	0.90E-06
330.9	13.6	0.16E-05	0.16E-05
333.8	13.6	0.31E-05	0.32E-05
336.7	13.6	0.12E-03	0.14E-03
339.6	13.6	0.70E-04	0.78E-04
342.5	13.5	0.13E-03	0.15E-03
345.4	13.5	0.21E-03	0.25E-03
348.2	13.5	0.28E-04	0.30E-04
351.1	13.5	0.20E-04	0.21E-04
354.0	13.5	0.52E-04	0.57E-04
356.9	13.5	0.13E-03	0.15E-03

Bottom Salinity = 36.479

mo 0702

$\partial u / \partial z$ [sec⁻¹]



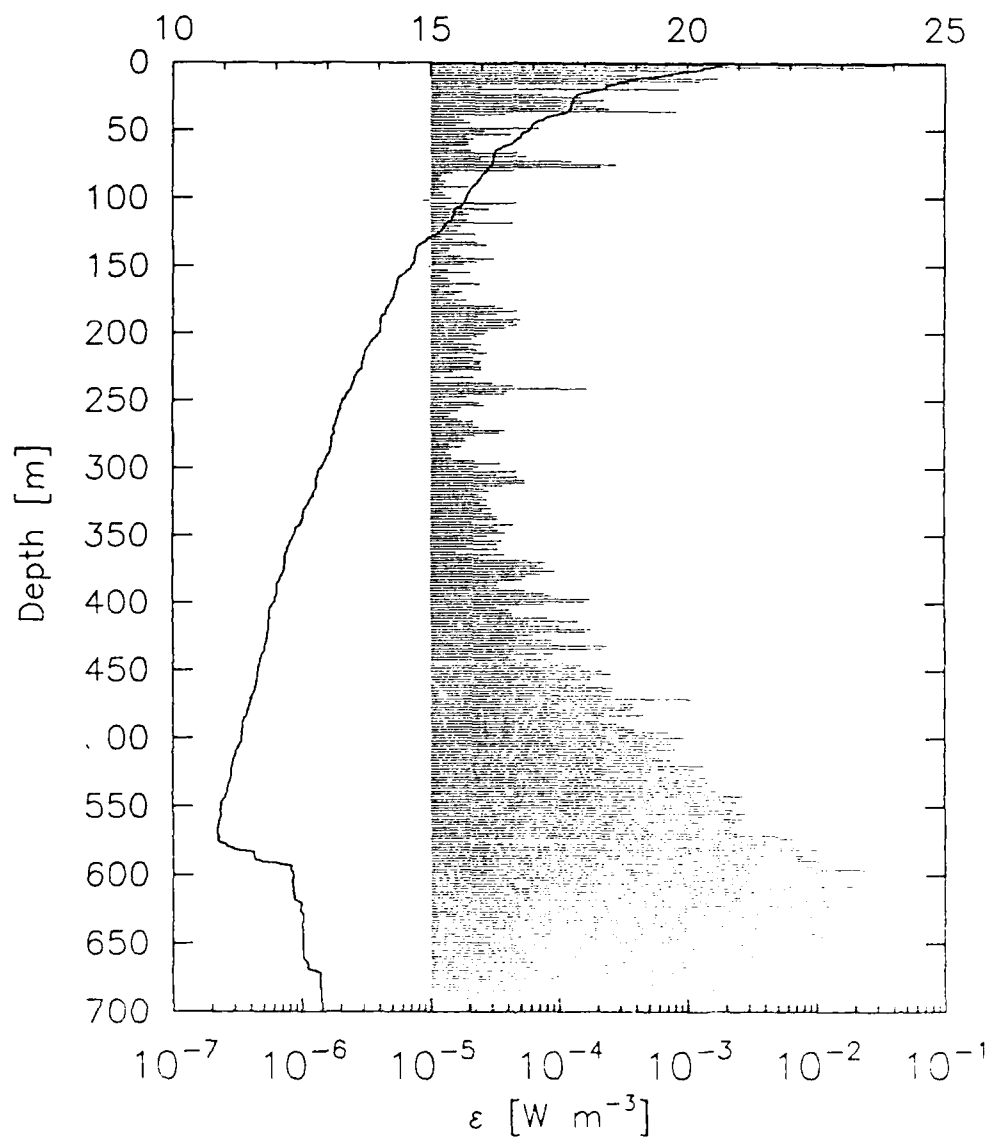
Source: Reynolds, 1971.

Source: Reynolds, 1971.

Source: Reynolds, 1971.

mo 0702.diss

T [°C]



35 45.46 6 40.73 Lat/Lon
22 SEP 1988 14:21 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

702 XDP
 9 Site Number
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 35 45.46 6 40.73 Lat/Lon
 700 Depth (m)
 1024 Sampling Rate
 0.1690 S P Sensitivity
 low Gain
 446 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.05 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.0	20.6	0.23E+00	0.41E+00	113.8	15.4	0.16E-04	0.17E-04
3.1	20.5	0.24E-01	0.43E-01	115.8	15.4	0.19E-04	0.21E-04
5.1	20.2	0.12E-02	0.17E-02	117.9	15.3	0.44E-04	0.48E-04
7.2	19.8	0.15E-03	0.17E-03	119.9	15.3	0.17E-04	0.19E-04
9.2	19.5	0.77E-03	0.10E-02	122.0	15.2	0.14E-04	0.15E-04
11.3	19.1	0.17E-02	0.26E-02	124.0	15.2	0.16E-04	0.18E-04
13.3	18.8	0.13E-02	0.18E-02	126.1	15.1	0.23E-04	0.24E-04
15.4	18.6	0.35E-03	0.44E-03	128.1	15.0	0.13E-04	0.14E-04
17.4	18.4	0.26E-04	0.27E-04	130.2	14.9	0.15E-04	0.16E-04
19.5	18.4	0.87E-03	0.11E-02	132.2	14.9	0.23E-04	0.25E-04
21.5	18.1	0.24E-04	0.26E-04	134.3	14.8	0.28E-04	0.30E-04
23.6	17.9	0.75E-04	0.84E-04	136.3	14.7	0.14E-04	0.15E-04
25.6	17.8	0.15E-03	0.17E-03	138.4	14.7	0.14E-04	0.15E-04
27.7	17.8	0.23E-03	0.27E-03	140.4	14.7	0.13E-04	0.14E-04
29.7	17.8	0.16E-03	0.18E-03	142.5	14.7	0.17E-04	0.19E-04
31.8	17.7	0.20E-03	0.24E-03	144.5	14.7	0.31E-04	0.34E-04
33.8	17.7	0.25E-03	0.30E-03	146.6	14.7	0.23E-04	0.25E-04
35.9	17.7	0.83E-03	0.11E-02	148.6	14.7	0.18E-04	0.20E-04
37.9	17.5	0.38E-04	0.42E-04	150.7	14.6	0.96E-05	0.10E-04
40.0	17.3	0.17E-04	0.18E-04	152.7	14.6	0.14E-04	0.15E-04
42.0	17.2	0.18E-04	0.20E-04	154.8	14.5	0.20E-04	0.22E-04
44.1	17.0	0.20E-04	0.22E-04	156.8	14.4	0.12E-04	0.13E-04
46.1	17.0	0.16E-04	0.17E-04	158.9	14.4	0.14E-04	0.15E-04
48.2	16.9	0.70E-04	0.79E-04	160.9	14.4	0.14E-04	0.15E-04
50.2	16.9	0.27E-04	0.29E-04	163.0	14.4	0.24E-04	0.26E-04
52.3	16.8	0.42E-04	0.46E-04	165.0	14.3	0.14E-04	0.15E-04
54.3	16.8	0.19E-04	0.20E-04	167.1	14.3	0.12E-04	0.13E-04
56.4	16.7	0.22E-04	0.24E-04	169.1	14.3	0.18E-04	0.19E-04
58.4	16.6	0.20E-04	0.22E-04	171.2	14.3	0.15E-04	0.16E-04
60.5	16.5	0.20E-04	0.22E-04	173.2	14.3	0.14E-04	0.15E-04
62.5	16.4	0.14E-04	0.15E-04	175.3	14.2	0.19E-04	0.20E-04
64.6	16.3	0.21E-04	0.22E-04	177.3	14.2	0.16E-04	0.17E-04
66.6	16.3	0.48E-04	0.53E-04	179.4	14.2	0.33E-04	0.36E-04
68.7	16.2	0.57E-04	0.63E-04	181.4	14.1	0.39E-04	0.43E-04
70.7	16.2	0.25E-04	0.27E-04	183.5	14.1	0.47E-04	0.52E-04
72.8	16.2	0.13E-03	0.14E-03	185.5	14.1	0.33E-04	0.37E-04
74.8	16.2	0.28E-03	0.33E-03	187.6	14.1	0.24E-04	0.25E-04
76.9	16.1	0.21E-03	0.25E-03	189.6	14.0	0.52E-04	0.57E-04
78.9	16.1	0.46E-04	0.50E-04	191.7	14.0	0.45E-04	0.50E-04
81.0	16.1	0.15E-04	0.16E-04	193.7	14.0	0.48E-04	0.53E-04
83.0	16.0	0.12E-04	0.13E-04	195.8	14.0	0.40E-04	0.44E-04
85.1	16.0	0.12E-04	0.13E-04	197.8	14.0	0.29E-04	0.31E-04
87.1	15.9	0.13E-04	0.14E-04	199.9	14.0	0.27E-04	0.29E-04
89.2	15.9	0.13E-04	0.14E-04	201.9	14.0	0.23E-04	0.25E-04
91.2	15.9	0.20E-04	0.21E-04	204.0	13.9	0.21E-04	0.23E-04
93.3	15.8	0.12E-04	0.13E-04	206.0	13.9	0.15E-04	0.16E-04
95.3	15.8	0.13E-04	0.13E-04	208.1	13.8	0.25E-04	0.27E-04
97.4	15.7	0.13E-04	0.14E-04	210.1	13.8	0.20E-04	0.21E-04
99.4	15.7	0.15E-04	0.16E-04	212.2	13.8	0.23E-04	0.25E-04
101.5	15.7	0.28E-05	0.92E-05	214.2	13.7	0.28E-04	0.30E-04
103.5	15.7	0.49E-04	0.52E-04	216.3	13.7	0.12E-04	0.13E-04
105.6	15.6	0.13E-04	0.14E-04	218.3	13.7	0.22E-04	0.23E-04
107.6	15.5	0.27E-04	0.31E-04	220.4	13.7	0.25E-04	0.27E-04
109.7	15.5	0.12E-04	0.20E-04	222.4	13.7	0.24E-04	0.26E-04
111.7	15.5	0.20E-04	0.22E-04	224.5	13.7	0.26E-04	0.27E-04

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
226.5	13.7	0.25E-04	0.27E-04	370.0	12.2	0.79E-04	0.89E-04
228.6	13.6	0.15E-04	0.16E-04	372.1	12.2	0.69E-04	0.78E-04
230.6	13.6	0.18E-04	0.19E-04	374.1	12.2	0.77E-04	0.86E-04
232.7	13.5	0.22E-04	0.24E-04	376.2	12.1	0.94E-04	0.11E-03
234.7	13.5	0.11E-04	0.11E-04	378.2	12.1	0.73E-04	0.82E-04
236.8	13.5	0.31E-04	0.33E-04	380.3	12.1	0.56E-04	0.61E-04
238.8	13.5	0.45E-04	0.49E-04	382.3	12.1	0.53E-04	0.59E-04
240.9	13.5	0.17E-03	0.19E-03	384.4	12.1	0.34E-04	0.38E-04
242.9	13.4	0.40E-04	0.44E-04	386.4	12.0	0.34E-04	0.37E-04
245.0	13.4	0.39E-04	0.42E-04	388.5	12.0	0.35E-04	0.39E-04
247.0	13.4	0.20E-04	0.21E-04	390.5	12.0	0.56E-04	0.61E-04
249.1	13.3	0.13E-04	0.14E-04	392.6	12.0	0.78E-04	0.88E-04
251.1	13.3	0.24E-04	0.26E-04	394.6	12.0	0.91E-04	0.10E-03
253.2	13.3	0.27E-04	0.29E-04	396.7	12.0	0.18E-03	0.21E-03
255.2	13.3	0.18E-04	0.19E-04	398.7	12.0	0.16E-03	0.19E-03
257.3	13.2	0.17E-04	0.18E-04	400.8	11.9	0.79E-04	0.88E-04
259.3	13.2	0.15E-04	0.16E-04	402.8	11.9	0.33E-04	0.37E-04
261.4	13.2	0.14E-04	0.15E-04	404.9	11.9	0.42E-04	0.46E-04
263.4	13.2	0.17E-04	0.18E-04	406.9	11.9	0.44E-04	0.48E-04
265.5	13.2	0.22E-04	0.23E-04	409.0	11.9	0.44E-04	0.48E-04
267.5	13.2	0.22E-04	0.23E-04	411.0	11.9	0.83E-04	0.93E-04
269.6	13.1	0.24E-04	0.26E-04	413.1	11.9	0.14E-03	0.17E-03
271.6	13.1	0.38E-04	0.42E-04	415.1	11.9	0.58E-04	0.65E-04
273.7	13.1	0.35E-04	0.38E-04	417.2	11.9	0.10E-03	0.12E-03
275.7	13.1	0.23E-04	0.24E-04	419.2	11.9	0.18E-03	0.21E-03
277.8	13.1	0.19E-04	0.20E-04	421.3	11.8	0.16E-03	0.19E-03
279.8	13.1	0.19E-04	0.20E-04	423.3	11.8	0.64E-04	0.72E-04
281.9	13.1	0.14E-04	0.15E-04	425.4	11.8	0.48E-04	0.52E-04
283.9	13.1	0.17E-04	0.19E-04	427.4	11.8	0.89E-04	0.10E-03
286.0	13.1	0.14E-04	0.15E-04	429.5	11.8	0.88E-04	0.99E-04
288.0	13.0	0.13E-04	0.14E-04	431.5	11.8	0.24E-03	0.29E-03
290.1	13.0	0.15E-04	0.16E-04	433.6	11.8	0.22E-03	0.26E-03
292.1	13.0	0.15E-04	0.16E-04	435.6	11.8	0.49E-04	0.53E-04
294.2	13.0	0.22E-04	0.24E-04	437.7	11.7	0.91E-04	0.10E-03
296.2	12.9	0.35E-04	0.38E-04	439.7	11.7	0.41E-04	0.45E-04
298.3	12.9	0.24E-04	0.26E-04	441.8	11.7	0.82E-04	0.93E-04
300.3	12.9	0.22E-04	0.23E-04	443.8	11.7	0.11E-03	0.13E-03
302.4	12.8	0.48E-04	0.52E-04	445.9	11.7	0.15E-03	0.18E-03
304.4	12.8	0.33E-04	0.37E-04	447.9	11.7	0.14E-03	0.16E-03
306.5	12.8	0.48E-04	0.52E-04	450.0	11.6	0.22E-03	0.26E-03
308.5	12.8	0.54E-04	0.59E-04	452.0	11.6	0.26E-03	0.31E-03
310.6	12.8	0.55E-04	0.61E-04	454.1	11.6	0.18E-03	0.21E-03
312.6	12.8	0.37E-04	0.40E-04	456.1	11.6	0.18E-03	0.21E-03
314.7	12.8	0.26E-04	0.28E-04	458.2	11.6	0.11E-03	0.12E-03
316.7	12.8	0.29E-04	0.31E-04	460.2	11.6	0.16E-03	0.19E-03
318.8	12.7	0.24E-04	0.26E-04	462.3	11.6	0.27E-03	0.32E-03
320.8	12.7	0.26E-04	0.28E-04	464.3	11.6	0.26E-03	0.31E-03
322.9	12.7	0.28E-04	0.30E-04	466.4	11.6	0.87E-04	0.97E-04
324.9	12.6	0.25E-04	0.27E-04	468.4	11.5	0.25E-03	0.30E-03
327.0	12.6	0.28E-04	0.30E-04	470.5	11.5	0.11E-02	0.15E-02
329.0	12.6	0.31E-04	0.33E-04	472.5	11.5	0.26E-03	0.31E-03
331.1	12.5	0.26E-04	0.28E-04	474.6	11.5	0.39E-03	0.48E-03
333.1	12.5	0.31E-04	0.33E-04	476.6	11.5	0.39E-03	0.49E-03
335.2	12.5	0.33E-04	0.37E-04	478.7	11.5	0.38E-03	0.47E-03
337.2	12.5	0.34E-04	0.37E-04	480.7	11.4	0.23E-03	0.27E-03
339.3	12.5	0.21E-04	0.23E-04	482.8	11.4	0.47E-03	0.58E-03
341.3	12.5	0.45E-04	0.49E-04	484.8	11.4	0.24E-03	0.29E-03
343.4	12.4	0.33E-04	0.36E-04	486.9	11.4	0.25E-03	0.30E-03
345.4	12.4	0.34E-04	0.38E-04	488.9	11.4	0.28E-03	0.34E-03
347.5	12.4	0.38E-04	0.42E-04	491.0	11.4	0.33E-03	0.42E-03
349.5	12.3	0.28E-04	0.30E-04	493.0	11.3	0.39E-03	0.49E-03
351.6	12.3	0.23E-04	0.24E-04	495.1	11.3	0.73E-03	0.95E-03
353.6	12.3	0.36E-04	0.40E-04	497.1	11.3	0.63E-03	0.83E-03
355.7	12.3	0.33E-04	0.37E-04	499.2	11.3	0.95E-03	0.12E-02
357.7	12.2	0.20E-04	0.21E-04	501.2	11.3	0.73E-03	0.96E-03
359.8	12.2	0.34E-04	0.38E-04	503.3	11.3	0.75E-03	0.99E-03
361.8	12.2	0.16E-04	0.17E-04	505.3	11.3	0.63E-03	0.83E-03
363.9	12.2	0.38E-04	0.42E-04	507.4	11.2	0.82E-03	0.11E-02
365.9	12.2	0.24E-04	0.26E-04	509.4	11.2	0.51E-03	0.64E-03
368.0	12.2	0.58E-04	0.65E-04	511.5	11.2	0.52E-03	0.65E-03

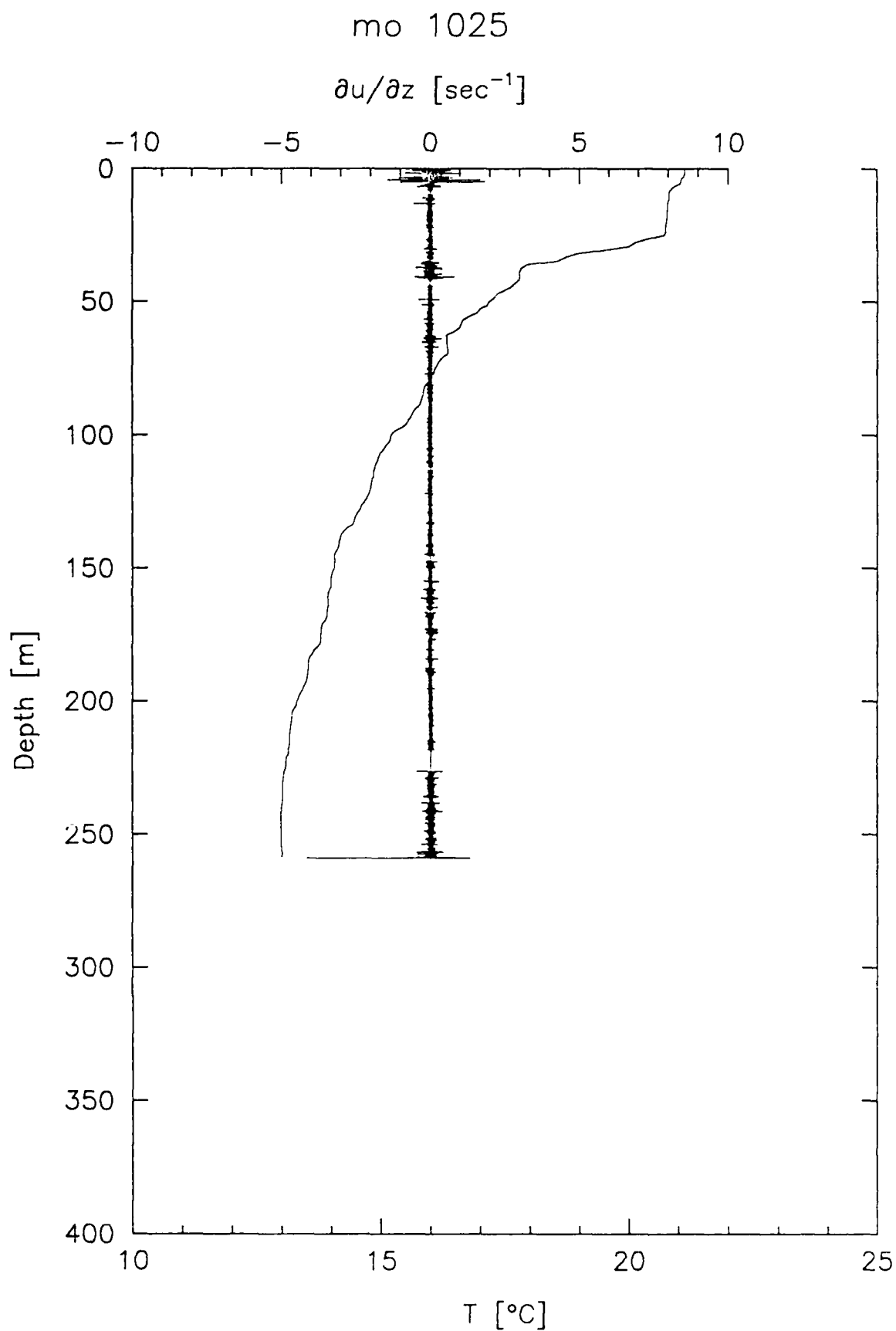
Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
513.5	11.2	0.62E-03	0.82E-03	657.0	12.5	0.11E-01	0.19E-01
515.6	11.2	0.94E-03	0.12E-02	659.1	12.5	0.45E-02	0.73E-02
517.6	11.2	0.51E-03	0.64E-03	661.1	12.5	0.59E-02	0.11E-01
519.7	11.1	0.14E-02	0.19E-02	663.2	12.6	0.95E-02	0.17E-01
521.7	11.1	0.11E-02	0.16E-02	665.2	12.6	0.64E-02	0.12E-01
523.8	11.1	0.88E-03	0.12E-02	667.3	12.6	0.77E-02	0.14E-01
525.8	11.1	0.12E-02	0.17E-02	669.3	12.7	0.14E-01	0.26E-01
527.9	11.1	0.14E-02	0.20E-02	671.4	12.8	0.10E-01	0.18E-01
529.9	11.1	0.14E-02	0.19E-02	673.4	12.9	0.86E-02	0.16E-01
532.0	11.1	0.15E-02	0.21E-02	675.5	12.9	0.94E-02	0.17E-01
534.0	11.1	0.14E-02	0.19E-02	677.5	12.9	0.20E-01	0.37E-01
536.1	11.1	0.91E-03	0.12E-02	679.6	12.9	0.92E-02	0.17E-01
538.1	11.0	0.18E-02	0.27E-02	681.6	12.9	0.88E-02	0.16E-01
540.2	11.0	0.18E-02	0.27E-02	683.7	12.9	0.79E-02	0.14E-01
542.2	11.0	0.28E-02	0.45E-02	685.7	12.9	0.13E-01	0.24E-01
544.3	11.0	0.21E-02	0.31E-02	687.8	12.9	0.13E-01	0.24E-01
546.3	10.9	0.25E-02	0.37E-02	689.8	12.9	0.61E-02	0.11E-01
548.4	10.9	0.16E-02	0.22E-02	691.9	12.9	0.84E-02	0.15E-01
550.4	10.9	0.13E-02	0.18E-02	693.9	12.9	0.10E-01	0.19E-01
552.5	10.9	0.23E-02	0.35E-02	696.0	12.9	0.30E-01	0.54E-01
554.5	10.9	0.28E-02	0.46E-02	698.0	12.9	0.26E-01	0.47E-01
556.6	10.9	0.18E-02	0.27E-02				
558.6	10.9	0.26E-02	0.40E-02				
560.7	10.9	0.25E-02	0.37E-02				
562.7	10.9	0.19E-02	0.29E-02				
564.8	10.9	0.24E-02	0.36E-02				
566.8	10.9	0.26E-02	0.39E-02				
568.9	10.9	0.30E-02	0.49E-02				
570.9	10.9	0.52E-02	0.94E-02				
573.0	10.9	0.68E-02	0.12E-01				
575.0	10.9	0.42E-02	0.69E-02				
577.1	11.0	0.44E-02	0.72E-02				
579.1	11.1	0.69E-02	0.13E-01				
581.2	11.2	0.11E-01	0.19E-01				
583.2	11.5	0.66E-02	0.12E-01				
585.3	11.6	0.82E-02	0.15E-01				
587.3	11.6	0.83E-02	0.15E-01				
589.4	11.6	0.11E-01	0.19E-01				
591.4	12.0	0.60E-02	0.11E-01				
593.5	12.3	0.12E-01	0.22E-01				
595.5	12.3	0.24E-01	0.44E-01				
597.6	12.3	0.12E-01	0.22E-01				
599.6	12.3	0.11E-01	0.19E-01				
601.7	12.3	0.95E-02	0.17E-01				
603.7	12.3	0.12E-01	0.21E-01				
605.8	12.3	0.77E-02	0.14E-01				
607.8	12.3	0.20E-01	0.36E-01				
609.9	12.3	0.11E-01	0.20E-01				
611.9	12.3	0.18E-01	0.33E-01				
614.0	12.3	0.96E-02	0.17E-01				
616.0	12.3	0.91E-02	0.17E-01				
618.1	12.4	0.13E-01	0.23E-01				
620.1	12.5	0.14E-01	0.25E-01				
622.2	12.5	0.18E-01	0.33E-01				
624.2	12.5	0.14E-01	0.25E-01				
626.3	12.5	0.12E-01	0.23E-01				
628.3	12.5	0.81E-02	0.15E-01				
630.4	12.5	0.99E-02	0.18E-01				
632.4	12.5	0.72E-02	0.13E-01				
634.5	12.5	0.80E-02	0.15E-01				
636.5	12.5	0.90E-02	0.16E-01				
638.6	12.5	0.90E-02	0.16E-01				
640.6	12.5	0.51E-02	0.93E-02				
642.7	12.5	0.12E-01	0.22E-01				
644.7	12.5	0.14E-01	0.25E-01				
646.8	12.5	0.69E-02	0.13E-01				
648.8	12.5	0.86E-02	0.16E-01				
650.9	12.5	0.79E-02	0.14E-01				
652.9	12.5	0.71E-02	0.13E-01				
655.0	12.5	0.11E-01	0.19E-01				

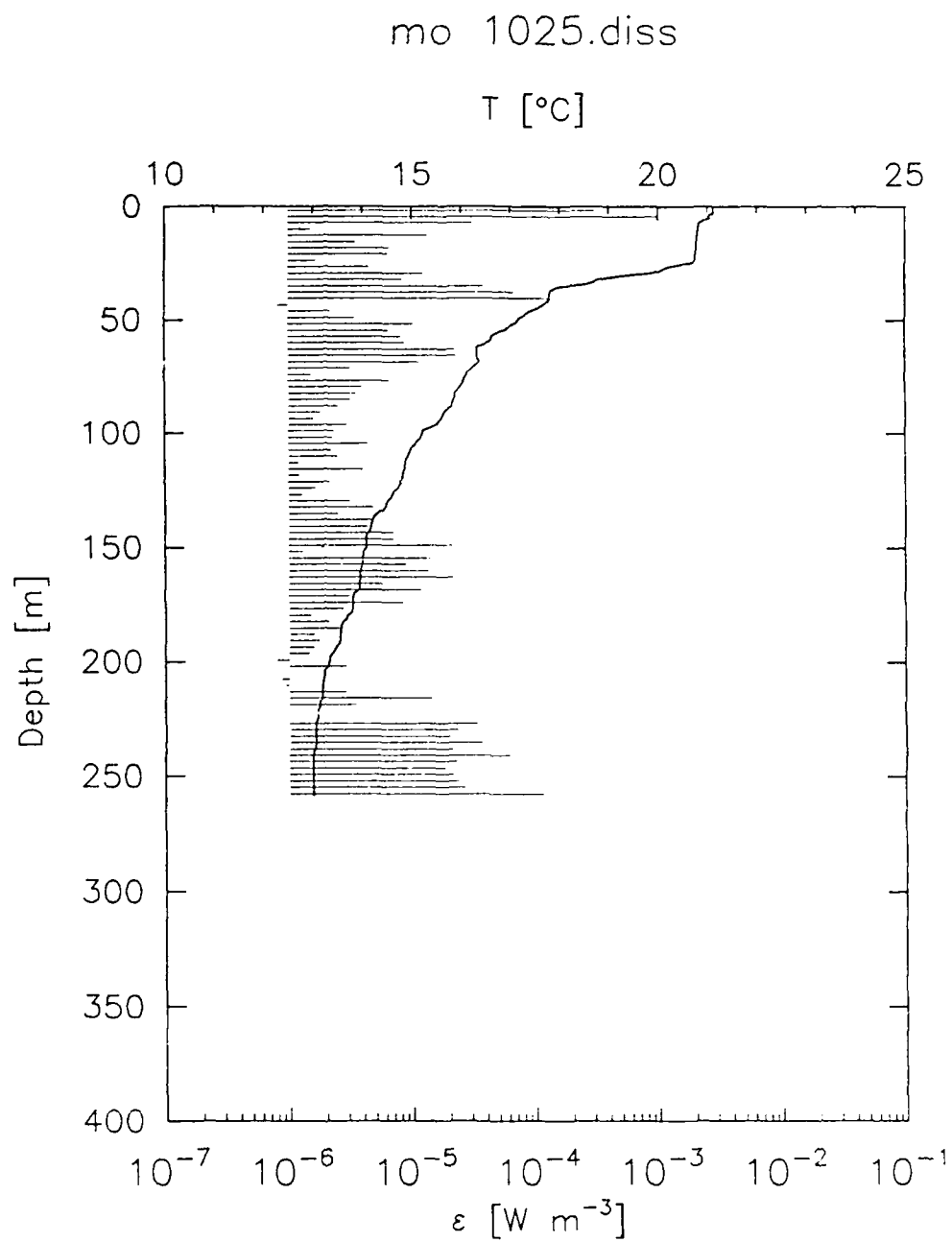
Bottom Salinity = 37.673

Appendix D:
Tables and Profiles
of
Dissipation Rates and Temperature
Section A

SECTION A

Station -----	Time -----	Location -----	XDP ---
1	22 SEP 1988 17:36 GMT	35 45.73 6 13.47	1025
2	22 SEP 1988 18:27 GMT	35 49.31 6 13.77	1034
3	22 SEP 1988 19:21 GMT	35 51.56 6 14.51	1022
4	22 SEP 1988 20:17 GMT	35 55.13 6 12.67	1046





35 45.73 6 13.47 Lat/Lon
 22 SEP 1988 17:36 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

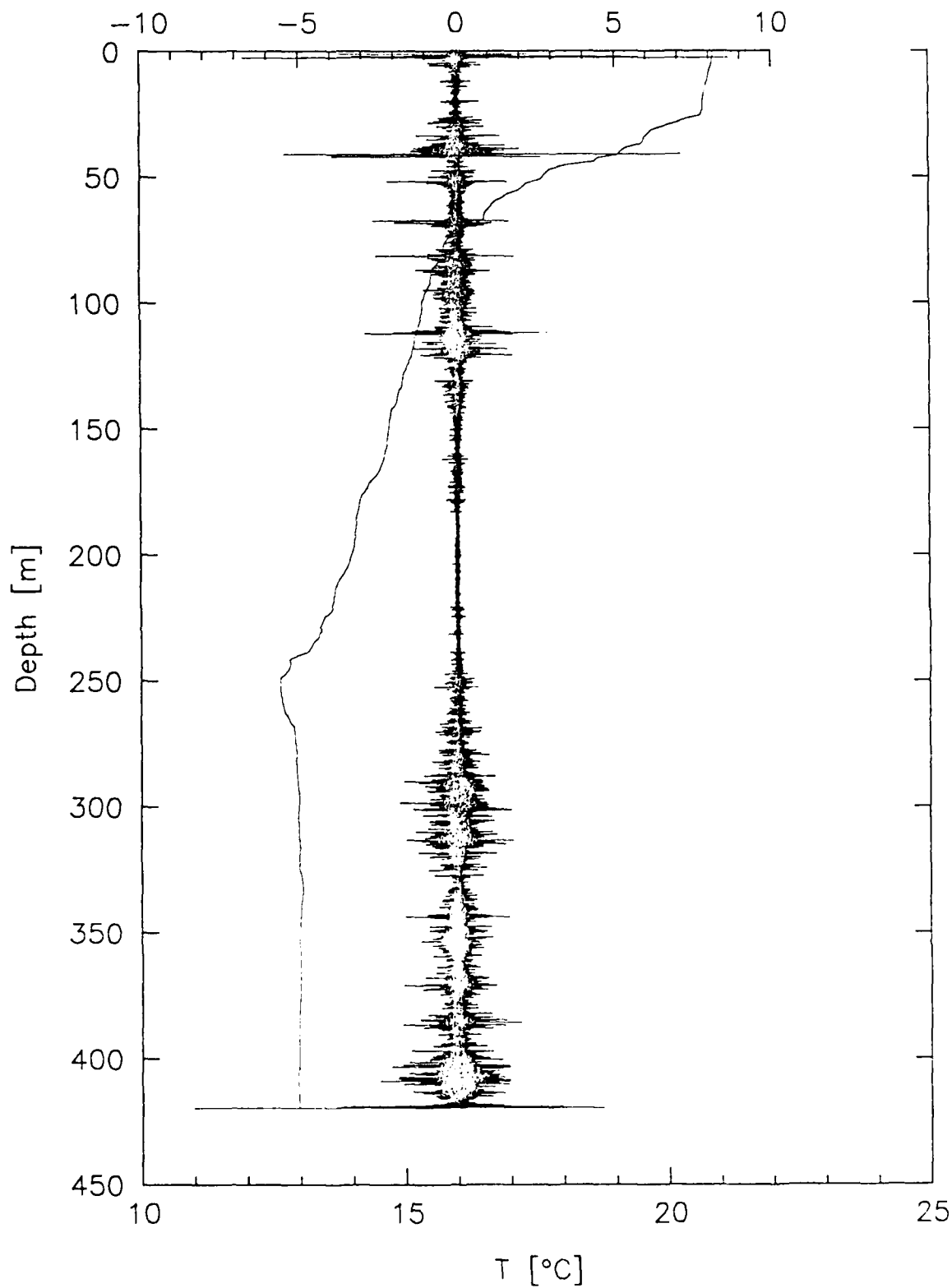
1025 XDP
 1 Site Number
 19882661736 22 SEP 1988 17:36 GMT
 19890462202 16 FEB 1989 22:02 GMT Digitized
 35 45.73 6 13.47 Lat/Lon
 260 Depth (m)
 1024 Sampling Rate
 0.1020 S P Sensitivity
 high Gain
 442 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.78 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	21.1	0.30E-03	0.36E-03	154.3	14.0	0.14E-04	0.15E-04
4.2	21.1	0.10E-02	0.14E-02	157.1	14.0	0.89E-05	0.94E-05
7.0	20.9	0.31E-04	0.34E-04	159.9	14.0	0.14E-04	0.14E-04
9.7	20.8	0.15E-05	0.16E-05	162.6	13.9	0.21E-04	0.23E-04
12.5	20.8	0.13E-04	0.14E-04	165.4	13.9	0.58E-05	0.61E-05
15.3	20.8	0.35E-05	0.36E-05	168.2	13.9	0.12E-04	0.13E-04
18.1	20.8	0.66E-05	0.70E-05	171.0	13.8	0.31E-05	0.32E-05
20.8	20.8	0.64E-05	0.68E-05	173.7	13.8	0.84E-05	0.88E-05
23.6	20.7	0.17E-05	0.17E-05	176.5	13.8	0.28E-05	0.28E-05
26.4	20.3	0.45E-05	0.47E-05	179.3	13.7	0.15E-05	0.15E-05
29.2	19.8	0.12E-04	0.13E-04	182.1	13.6	0.21E-05	0.22E-05
32.0	18.9	0.85E-05	0.89E-05	184.9	13.5	0.26E-05	0.27E-05
34.8	18.3	0.38E-04	0.42E-04	187.7	13.5	0.16E-05	0.16E-05
37.5	17.8	0.68E-04	0.76E-04	190.4	13.5	0.17E-05	0.18E-05
40.3	17.8	0.13E-03	0.15E-03	193.2	13.5	0.16E-05	0.17E-05
43.1	17.7	0.82E-06	0.84E-06	196.0	13.4	0.15E-05	0.15E-05
45.9	17.4	0.22E-05	0.22E-05	198.8	13.3	0.79E-06	0.81E-06
48.7	17.2	0.35E-05	0.36E-05	201.5	13.3	0.29E-05	0.30E-05
51.4	17.1	0.10E-04	0.11E-04	204.3	13.2	0.10E-05	0.10E-05
54.2	16.9	0.65E-05	0.69E-05	207.1	13.2	0.86E-06	0.88E-06
57.0	16.7	0.82E-05	0.87E-05	209.9	13.2	0.94E-06	0.96E-06
59.8	16.6	0.88E-05	0.92E-05	212.7	13.2	0.28E-05	0.29E-05
62.5	16.3	0.22E-04	0.24E-04	215.4	13.2	0.14E-04	0.15E-04
65.3	16.3	0.23E-04	0.25E-04	218.2	13.1	0.35E-05	0.36E-05
68.1	16.4	0.11E-04	0.12E-04	221.0	13.1	0.00E+00	0.00E+00
70.9	16.2	0.32E-05	0.33E-05	223.8	13.1	0.00E+00	0.00E+00
73.7	16.1	0.16E-05	0.16E-05	226.6	13.0	0.34E-04	0.37E-04
76.5	16.1	0.66E-05	0.69E-05	229.4	13.0	0.23E-04	0.25E-04
79.2	16.0	0.39E-05	0.41E-05	232.1	13.0	0.20E-04	0.21E-04
82.0	15.9	0.35E-05	0.36E-05	234.9	13.0	0.36E-04	0.40E-04
84.8	15.9	0.32E-05	0.33E-05	237.7	13.0	0.21E-04	0.22E-04
87.6	15.8	0.25E-05	0.26E-05	240.5	13.0	0.62E-04	0.69E-04
90.4	15.7	0.18E-05	0.19E-05	243.2	13.0	0.23E-04	0.25E-04
93.1	15.6	0.16E-05	0.16E-05	246.0	13.0	0.18E-04	0.20E-04
95.9	15.5	0.29E-05	0.30E-05	248.8	13.0	0.21E-04	0.23E-04
98.7	15.3	0.23E-05	0.24E-05	251.6	13.0	0.24E-04	0.26E-04
101.5	15.2	0.23E-05	0.23E-05	254.4	13.0	0.27E-04	0.29E-04
104.3	15.1	0.44E-05	0.46E-05	257.1	13.0	0.12E-03	0.13E-03
107.0	15.0	0.22E-05	0.23E-05				
109.8	14.9	0.25E-05	0.26E-05				
112.6	14.9	0.12E-05	0.12E-05				
115.4	14.9	0.40E-05	0.42E-05				
118.2	14.8	0.12E-05	0.13E-05				
120.9	14.8	0.22E-05	0.22E-05				
123.7	14.7	0.16E-05	0.17E-05				
126.5	14.6	0.13E-05	0.13E-05				
129.3	14.5	0.31E-05	0.33E-05				
132.0	14.5	0.51E-05	0.53E-05				
134.8	14.3	0.25E-05	0.26E-05				
137.6	14.2	0.47E-05	0.49E-05				
140.4	14.2	0.44E-05	0.45E-05				
143.2	14.1	0.70E-05	0.73E-05				
145.9	14.1	0.71E-05	0.75E-05				
148.7	14.1	0.21E-04	0.23E-04				
151.5	14.0	0.13E-05	0.13E-05				

Bottom Salinity = 35.766

mo 1034

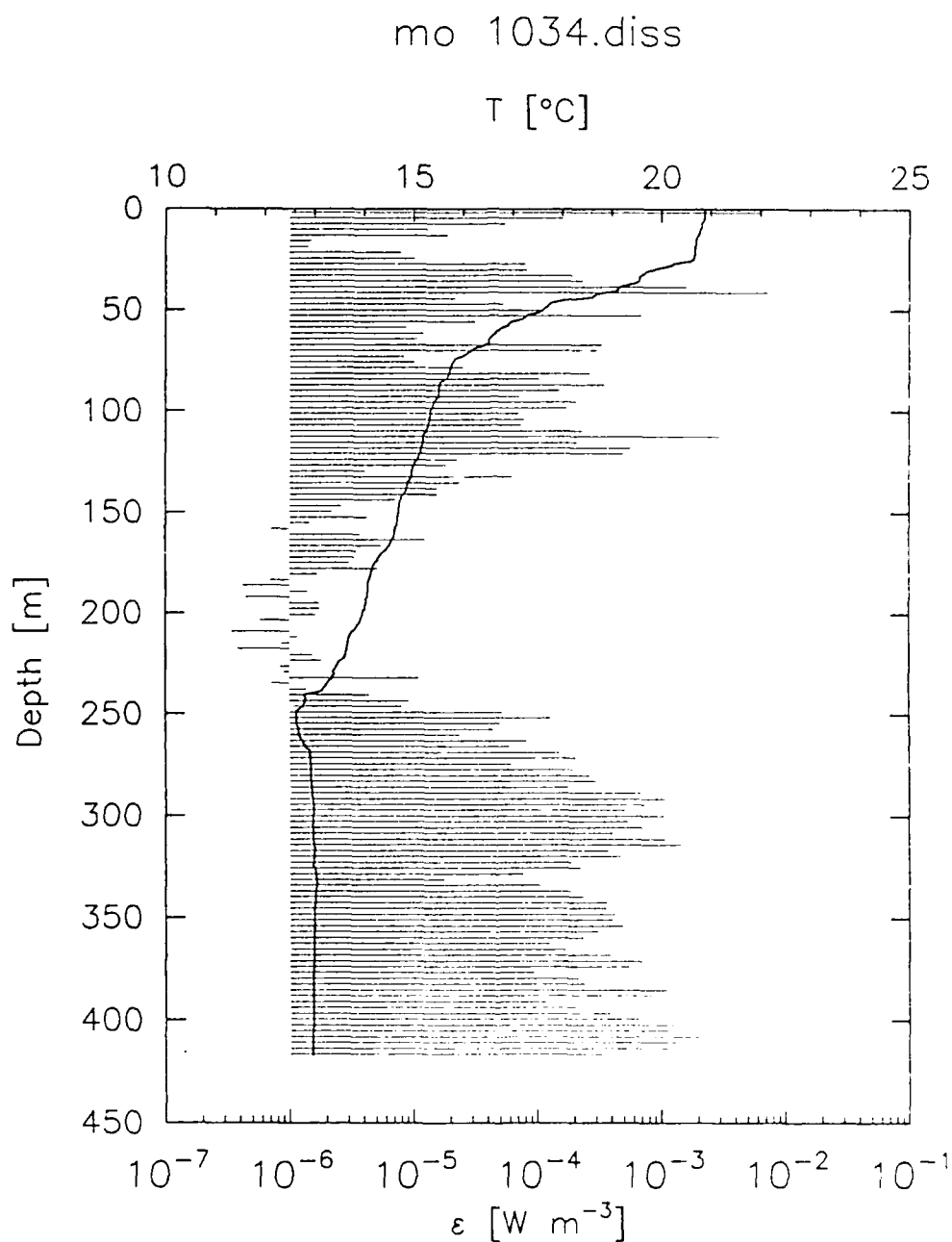
$\partial u / \partial z$ [sec⁻¹]



shear_highbass: 10.

shear_lowbass: 300.

temp_lowbass: 5.



35 49.31 6 13.77 Lat/Lon
22 SEP 1988 18:27 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

1034 XDP
 2 Site Number
 19882661827 22 SEP 1988 18:27 GMT
 19890462212 16 FEB 1989 22:12 GMT Digitized
 35 49.31 6 13.77 Lat/Lon
 420 Depth (m)
 1024 Sampling Rate
 0.1270 S P Sensitivity
 high Gain
 447 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.84 Drop Rate (m/s)

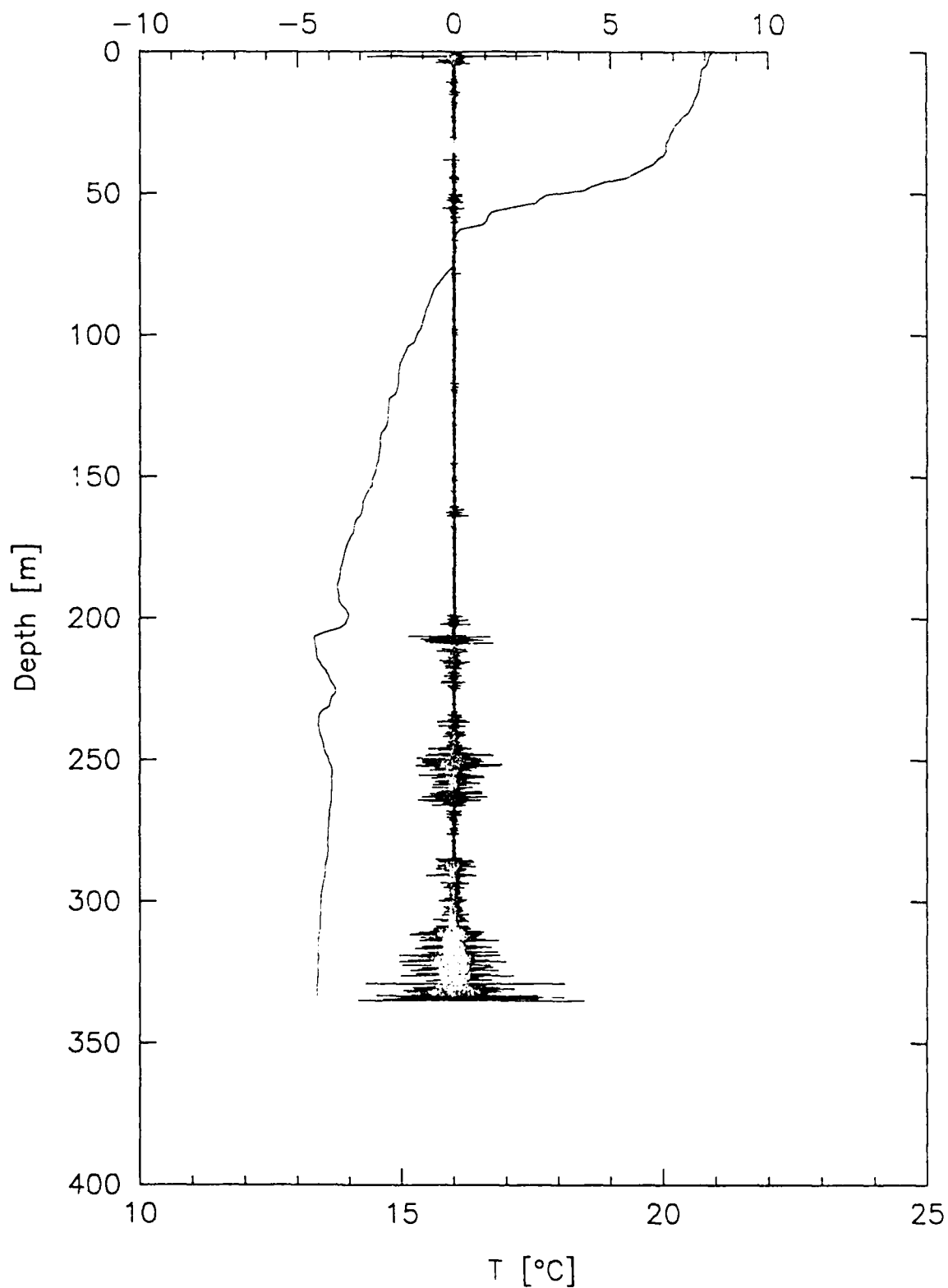
Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	20.9	0.62E-02	0.11E-01	157.6	14.6	0.70E-06	0.71E-06
4.3	20.9	0.16E-03	0.18E-03	160.5	14.6	0.37E-05	0.39E-05
7.1	20.8	0.54E-04	0.60E-04	163.3	14.6	0.12E-04	0.13E-04
9.9	20.8	0.13E-04	0.14E-04	166.1	14.5	0.56E-05	0.59E-05
12.8	20.7	0.19E-04	0.20E-04	169.0	14.4	0.35E-05	0.36E-05
15.6	20.7	0.15E-05	0.15E-05	171.8	14.3	0.34E-05	0.35E-05
18.5	20.7	0.14E-05	0.14E-05	174.7	14.2	0.30E-05	0.32E-05
21.3	20.7	0.79E-05	0.83E-05	177.5	14.2	0.52E-05	0.54E-05
24.1	20.7	0.10E-04	0.11E-04	180.3	14.1	0.17E-05	0.17E-05
27.0	20.4	0.80E-04	0.90E-04	183.2	14.1	0.69E-06	0.70E-06
29.8	19.9	0.83E-04	0.93E-04	186.0	14.1	0.42E-06	0.42E-06
32.7	19.6	0.19E-03	0.23E-03	188.9	14.1	0.14E-05	0.14E-05
35.5	19.5	0.23E-03	0.27E-03	191.7	14.1	0.44E-06	0.44E-06
38.3	19.2	0.16E-02	0.24E-02	194.5	14.0	0.17E-05	0.18E-05
41.2	18.9	0.73E-02	0.13E-01	197.4	14.0	0.18E-05	0.18E-05
44.0	18.4	0.22E-04	0.23E-04	200.2	14.0	0.16E-05	0.17E-05
46.9	17.8	0.52E-04	0.57E-04	203.1	13.9	0.57E-06	0.58E-06
49.7	17.6	0.11E-03	0.12E-03	205.9	13.9	0.99E-06	0.10E-05
52.5	17.3	0.69E-03	0.91E-03	208.7	13.8	0.34E-06	0.35E-06
55.4	17.1	0.32E-04	0.35E-04	211.6	13.7	0.12E-05	0.12E-05
58.2	16.8	0.87E-05	0.92E-05	214.4	13.7	0.86E-06	0.88E-06
61.1	16.7	0.12E-04	0.13E-04	217.3	13.7	0.38E-06	0.39E-06
63.9	16.5	0.11E-04	0.11E-04	220.1	13.6	0.15E-05	0.16E-05
66.7	16.5	0.33E-03	0.41E-03	222.9	13.5	0.18E-05	0.19E-05
69.6	16.2	0.30E-03	0.36E-03	225.8	13.4	0.83E-06	0.85E-06
72.4	16.0	0.83E-05	0.88E-05	228.6	13.4	0.90E-06	0.92E-06
75.3	15.8	0.10E-04	0.11E-04	231.5	13.4	0.11E-04	0.12E-04
78.1	15.8	0.25E-04	0.27E-04	234.3	13.3	0.71E-06	0.73E-06
80.9	15.7	0.27E-03	0.32E-03	237.1	13.2	0.14E-05	0.14E-05
83.8	15.6	0.10E-03	0.12E-03	240.0	12.9	0.44E-05	0.46E-05
86.6	15.5	0.35E-03	0.44E-03	242.8	12.8	0.91E-05	0.96E-05
89.5	15.5	0.15E-03	0.18E-03	245.7	12.8	0.81E-05	0.85E-05
92.3	15.5	0.72E-04	0.81E-04	248.5	12.7	0.52E-04	0.57E-04
95.1	15.4	0.21E-03	0.25E-03	251.3	12.6	0.13E-03	0.15E-03
98.0	15.4	0.17E-03	0.20E-03	254.2	12.6	0.50E-04	0.55E-04
100.8	15.3	0.70E-04	0.79E-04	257.0	12.7	0.44E-04	0.48E-04
103.7	15.3	0.79E-04	0.89E-04	259.9	12.7	0.24E-04	0.26E-04
106.5	15.3	0.74E-04	0.83E-04	262.7	12.7	0.83E-04	0.93E-04
109.3	15.3	0.23E-03	0.28E-03	265.5	12.8	0.59E-04	0.67E-04
112.2	15.2	0.29E-02	0.48E-02	268.4	12.9	0.15E-03	0.17E-03
115.0	15.2	0.21E-03	0.25E-03	271.2	12.9	0.21E-03	0.25E-03
117.9	15.2	0.57E-03	0.74E-03	274.1	12.9	0.62E-04	0.70E-04
120.7	15.1	0.49E-03	0.62E-03	276.9	12.9	0.19E-03	0.23E-03
123.5	15.1	0.23E-04	0.24E-04	279.7	12.9	0.27E-03	0.32E-03
126.4	15.0	0.21E-04	0.23E-04	282.6	12.9	0.30E-03	0.35E-03
129.2	15.0	0.41E-05	0.42E-05	285.4	12.9	0.18E-03	0.21E-03
132.1	15.0	0.63E-04	0.70E-04	288.3	12.9	0.69E-03	0.90E-03
134.9	14.9	0.24E-04	0.26E-04	291.1	13.0	0.11E-02	0.15E-02
137.7	14.9	0.16E-04	0.17E-04	293.9	13.0	0.74E-03	0.97E-03
140.6	14.8	0.15E-04	0.16E-04	296.8	13.0	0.51E-03	0.63E-03
143.4	14.7	0.71E-05	0.74E-05	299.6	13.0	0.11E-02	0.15E-02
146.3	14.7	0.26E-05	0.27E-05	302.5	13.0	0.54E-03	0.68E-03
149.1	14.7	0.22E-05	0.23E-05	305.3	13.0	0.71E-03	0.94E-03
151.9	14.7	0.43E-05	0.44E-05	308.1	13.0	0.41E-03	0.51E-03
154.8	14.7	0.14E-05	0.15E-05	311.0	13.0	0.11E-02	0.15E-02

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
313.8	13.0	0.14E-02	0.20E-02
316.7	13.0	0.37E-03	0.47E-03
319.5	13.0	0.47E-03	0.59E-03
322.3	13.0	0.19E-03	0.22E-03
325.2	13.0	0.22E-03	0.27E-03
328.0	13.0	0.77E-04	0.86E-04
330.9	13.0	0.18E-04	0.19E-04
333.7	13.0	0.11E-03	0.12E-03
336.5	13.0	0.19E-03	0.22E-03
339.4	13.0	0.24E-03	0.28E-03
342.2	13.0	0.37E-03	0.46E-03
345.1	13.0	0.36E-03	0.45E-03
347.9	13.0	0.43E-03	0.53E-03
350.7	13.0	0.41E-03	0.51E-03
353.6	13.0	0.49E-03	0.62E-03
356.4	13.0	0.31E-03	0.37E-03
359.3	13.0	0.23E-03	0.28E-03
362.1	13.0	0.13E-03	0.14E-03
364.9	13.0	0.17E-03	0.19E-03
367.8	13.0	0.39E-03	0.49E-03
370.6	13.0	0.71E-03	0.93E-03
373.5	13.0	0.57E-03	0.74E-03
376.3	13.0	0.94E-04	0.11E-03
379.1	13.0	0.22E-03	0.26E-03
382.0	13.0	0.24E-03	0.29E-03
384.8	13.0	0.11E-02	0.16E-02
387.7	13.0	0.85E-03	0.11E-02
390.5	13.0	0.12E-03	0.14E-03
393.3	13.0	0.20E-03	0.24E-03
396.2	13.0	0.39E-03	0.48E-03
399.0	13.0	0.65E-03	0.86E-03
401.9	13.0	0.13E-02	0.19E-02
404.7	13.0	0.11E-02	0.16E-02
407.5	13.0	0.20E-02	0.31E-02
410.4	13.0	0.13E-02	0.19E-02
413.2	13.0	0.13E-02	0.18E-02
416.1	13.0	0.34E-03	0.43E-03

Bottom Salinity = 38.202

mo 1022

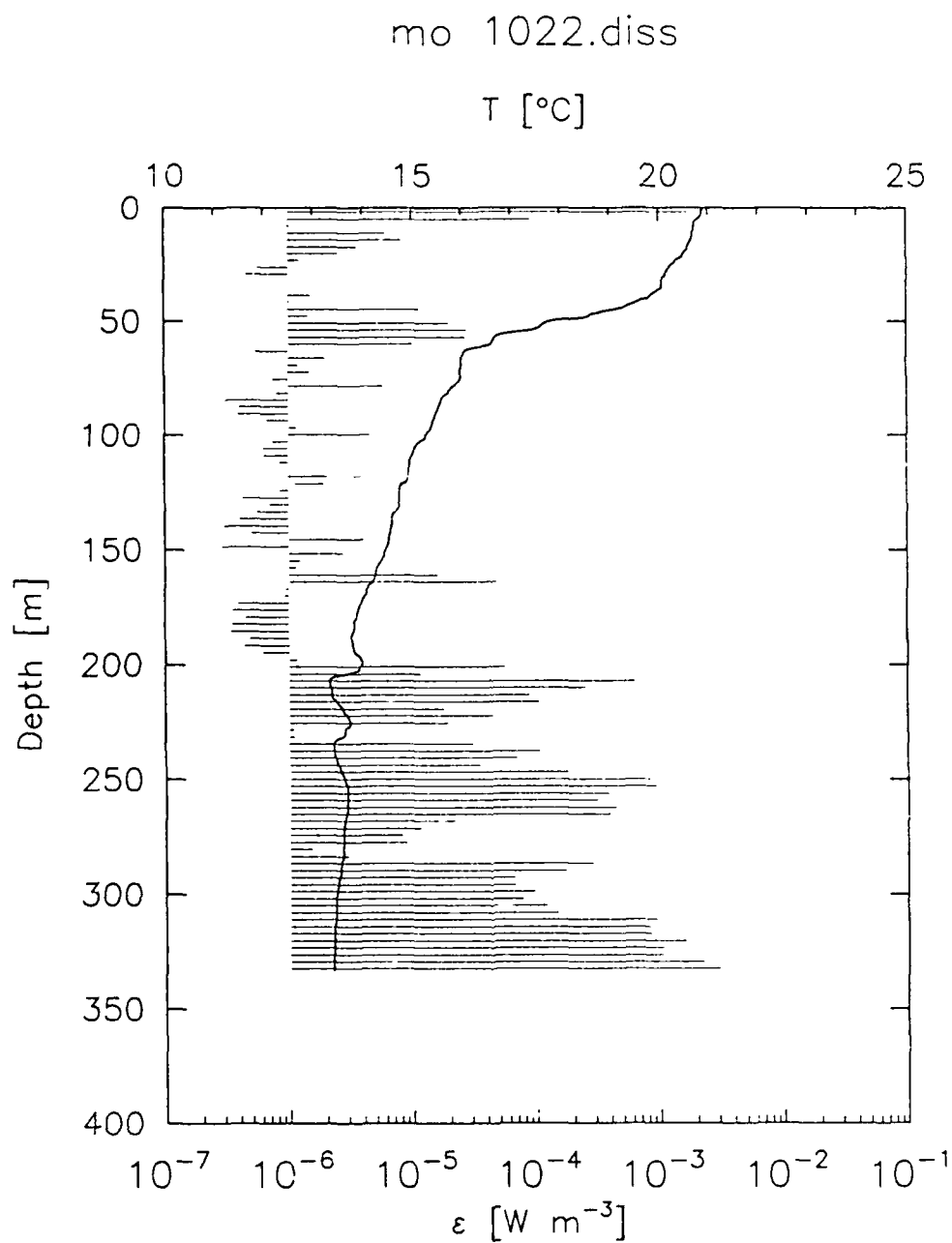
$\partial u / \partial z$ [sec⁻¹]



shear highpass: 10

shear lowpass: 300

temp lowpass: 3

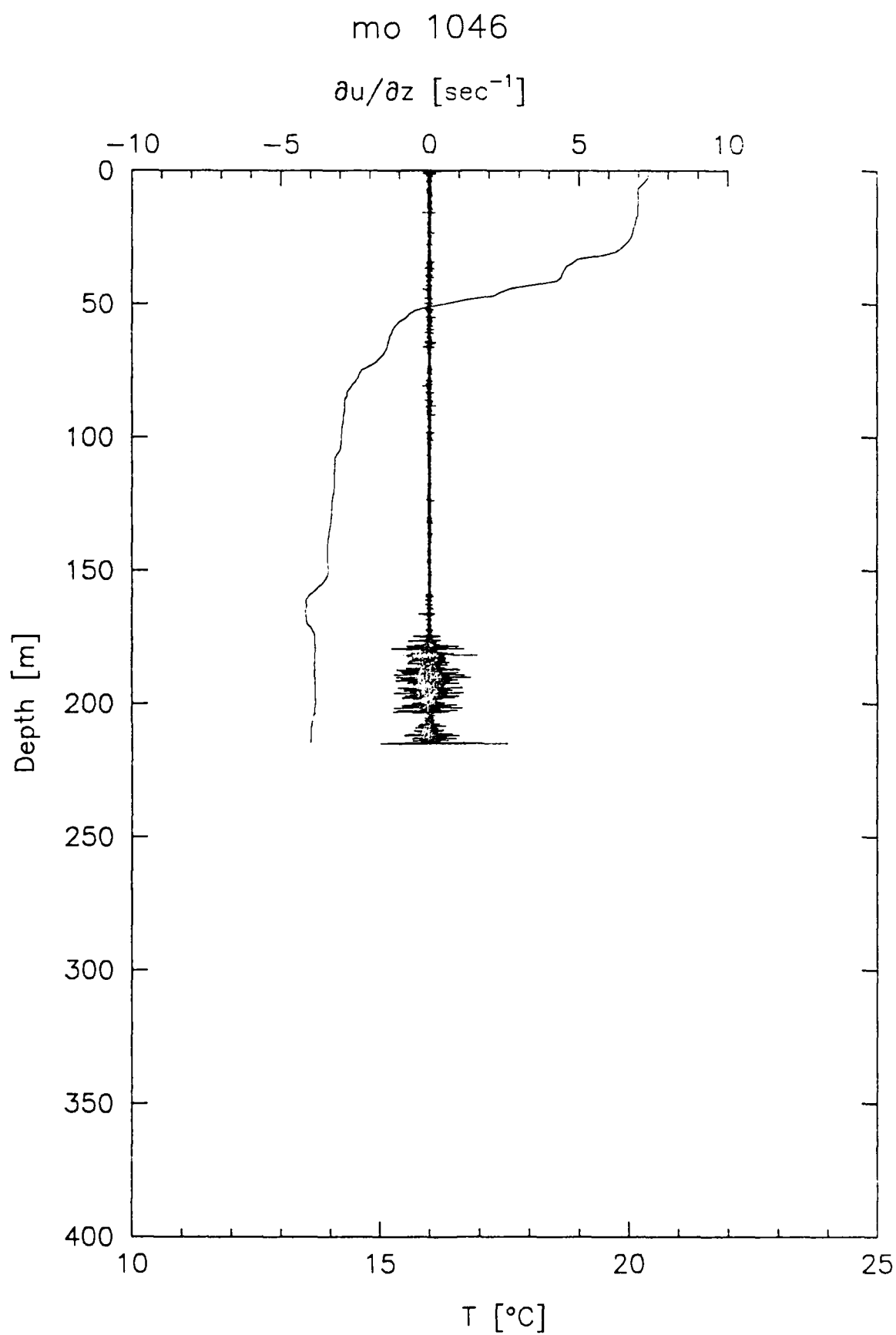


35 51.56 6 14.51 Lat/Lon
 22 SEP 1988 19:21 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

1022 XDP
 3 Site Number
 19882661921 22 SEP 1988 19:21 GMT
 19890462226 16 FEB 1989 22:26 GMT Digitized
 35 51.56 6 14.51 Lat/Lon
 335 Depth (m)
 1024 Sampling Rate
 0.19e0 S P Sensitivity
 high Gain
 449 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 3.06 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.5	20.9	0.17E-02	0.26E-02	169.8	14.0	0.93E-06	0.95E-06
4.6	20.8	0.92E-04	0.10E-03	172.9	14.0	0.39E-06	0.39E-06
7.6	20.7	0.10E-05	0.11E-05	176.0	13.9	0.35E-06	0.36E-06
10.7	20.7	0.61E-05	0.65E-05	179.0	13.9	0.45E-06	0.45E-06
13.8	20.7	0.83E-05	0.88E-05	182.1	13.8	0.35E-06	0.35E-06
16.8	20.6	0.37E-05	0.38E-05	185.1	13.8	0.34E-06	0.34E-06
19.9	20.5	0.26E-05	0.27E-05	188.2	13.8	0.42E-06	0.49E-06
22.9	20.4	0.12E-05	0.13E-05	191.3	13.8	0.43E-06	0.43E-06
26.0	20.2	0.57E-06	0.58E-06	194.3	13.8	0.61E-06	0.62E-06
29.1	20.1	0.45E-06	0.46E-06	197.4	13.9	0.12E-05	0.12E-05
32.1	20.1	0.00E+00	0.00E+00	200.4	13.9	0.56E-04	0.61E-04
35.2	20.0	0.00E+00	0.00E+00	203.5	13.7	0.12E-04	0.12E-04
38.3	19.9	0.15E-05	0.16E-05	206.6	13.3	0.62E-03	0.62E-03
41.3	19.6	0.10E-05	0.11E-05	209.6	13.3	0.25E-03	0.30E-03
44.4	19.2	0.12E-04	0.12E-04	212.7	13.4	0.88E-04	0.98E-04
47.4	18.6	0.15E-05	0.15E-05	215.7	13.4	0.10E-03	0.12E-03
50.5	17.8	0.20E-04	0.21E-04	218.8	13.6	0.18E-04	0.19E-04
53.5	17.4	0.28E-04	0.30E-04	221.8	13.6	0.44E-04	0.48E-04
56.6	16.7	0.27E-04	0.29E-04	224.9	13.7	0.19E-04	0.21E-04
59.7	16.6	0.10E-04	0.11E-04	228.0	13.7	0.11E-05	0.11E-05
62.7	16.1	0.54E-06	0.56E-06	231.0	13.6	0.11E-05	0.11E-05
65.8	16.0	0.20E-05	0.21E-05	234.1	13.4	0.30E-04	0.33E-04
68.8	16.0	0.12E-05	0.12E-05	237.2	13.4	0.11E-03	0.12E-03
71.9	16.0	0.15E-05	0.15E-05	240.2	13.4	0.70E-04	0.79E-04
75.0	16.0	0.74E-06	0.76E-06	243.3	13.5	0.35E-04	0.39E-04
78.0	15.9	0.58E-05	0.62E-05	246.3	13.5	0.18E-03	0.20E-03
81.1	15.7	0.80E-06	0.82E-06	249.4	13.6	0.81E-03	0.11E-02
84.1	15.6	0.31E-06	0.31E-06	252.5	13.6	0.92E-03	0.12E-02
87.2	15.5	0.40E-06	0.40E-06	255.5	13.7	0.38E-03	0.48E-03
90.3	15.5	0.39E-06	0.39E-06	258.6	13.7	0.30E-03	0.36E-03
93.3	15.4	0.66E-06	0.67E-06	261.6	13.6	0.44E-03	0.55E-03
96.4	15.4	0.12E-05	0.12E-05	264.7	13.6	0.39E-03	0.49E-03
99.5	15.3	0.46E-05	0.48E-05	267.8	13.6	0.22E-04	0.23E-04
102.5	15.2	0.75E-06	0.77E-06	270.8	13.6	0.12E-04	0.12E-04
105.6	15.1	0.63E-06	0.64E-06	273.9	13.6	0.81E-05	0.85E-05
108.6	15.0	0.63E-06	0.64E-06	276.9	13.6	0.89E-05	0.93E-05
111.7	15.0	0.85E-06	0.87E-06	280.0	13.6	0.15E-05	0.15E-05
114.8	14.9	0.10E-05	0.10E-05	283.0	13.6	0.30E-05	0.31E-05
117.8	14.9	0.55E-05	0.58E-05	286.1	13.5	0.28E-03	0.34E-03
120.9	14.8	0.19E-05	0.20E-05	289.2	13.5	0.17E-03	0.20E-03
123.9	14.7	0.85E-06	0.87E-06	292.2	13.5	0.66E-04	0.74E-04
127.0	14.7	0.42E-06	0.43E-06	295.3	13.5	0.66E-04	0.74E-04
130.1	14.7	0.69E-06	0.71E-06	298.4	13.5	0.95E-04	0.11E-03
133.1	14.7	0.56E-06	0.57E-06	301.4	13.4	0.78E-04	0.87E-04
136.2	14.6	0.40E-06	0.40E-06	304.5	13.4	0.12E-03	0.14E-03
139.2	14.6	0.30E-06	0.30E-06	307.5	13.4	0.15E-03	0.17E-03
142.3	14.6	0.49E-06	0.50E-06	310.6	13.4	0.92E-03	0.12E-02
145.3	14.5	0.40E-05	0.42E-05	313.7	13.4	0.82E-03	0.11E-02
148.4	14.5	0.29E-06	0.29E-06	316.7	13.4	0.83E-03	0.11E-02
151.5	14.4	0.28E-05	0.28E-05	319.8	13.4	0.16E-02	0.22E-02
154.5	14.4	0.12E-05	0.13E-05	322.8	13.4	0.10E-02	0.15E-02
157.6	14.3	0.11E-05	0.12E-05	325.9	13.4	0.10E-02	0.15E-02
160.7	14.2	0.16E-04	0.17E-04	328.9	13.4	0.22E-02	0.34E-02
163.7	14.2	0.48E-04	0.52E-04	332.0	13.4	0.30E-02	0.44E-02
166.8	14.1	0.95E-06	0.97E-06				

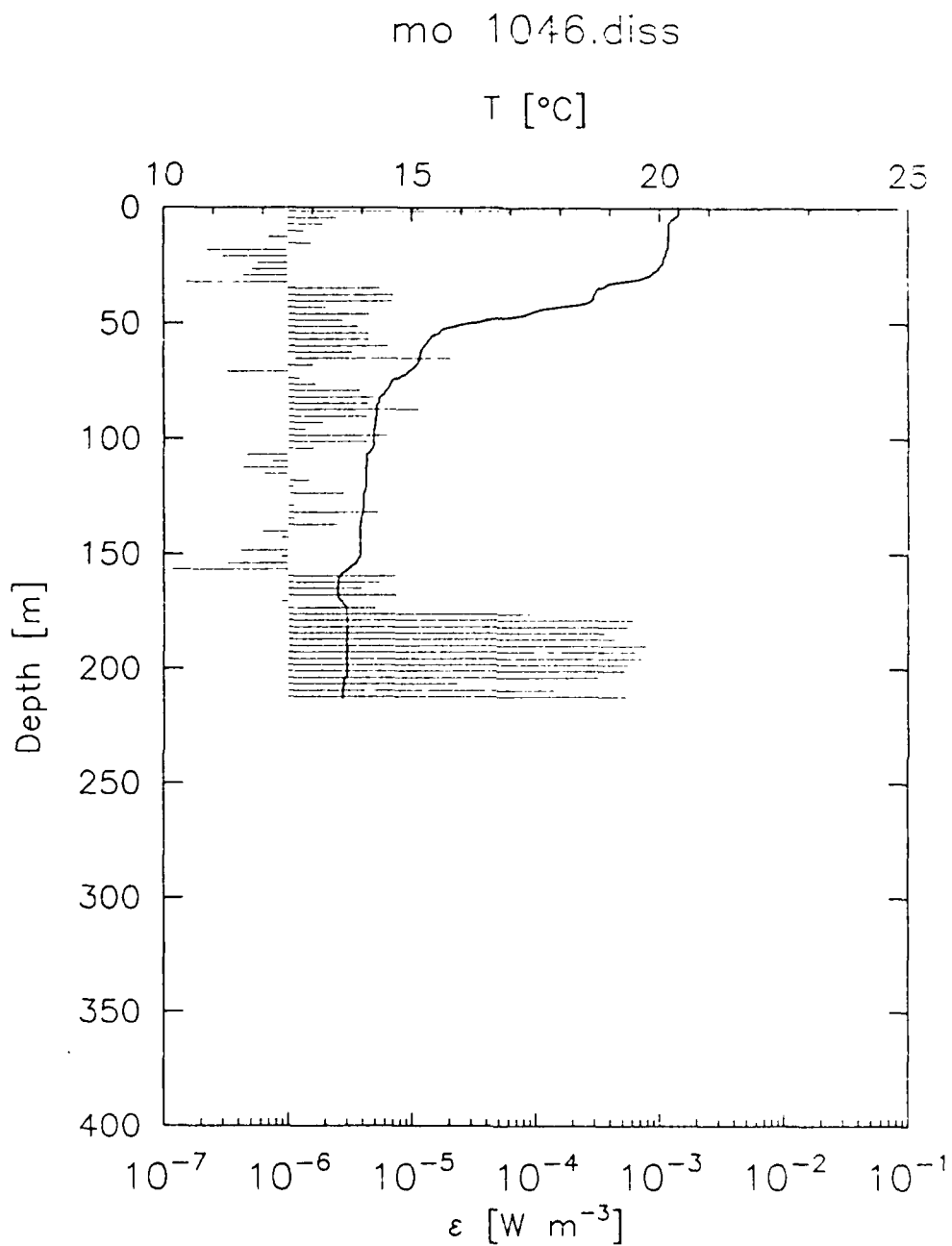
Bottom Salinity = 38.005



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3



35 55.13 6 12.67 Lat/Lon
 22 SEP 1988 20:17 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

1046 XDP
 4 Site Number
 19882662017 22 SEP 1988 20:17 GMT
 19890462239 16 FEB 1989 22:39 GMT Digitized
 35 55.13 6 12.67 Lat/Lon
 215 Depth (m)
 1024 Sampling Rate
 0.3940 S P Sensitivity
 high Gain
 440 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.77 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	20.4	0.63E-04	0.71E-04	153.7	13.9	0.33E-06	0.33E-06
4.2	20.3	0.25E-05	0.25E-05	156.5	13.7	0.12E-06	0.12E-06
6.9	20.2	0.19E-05	0.20E-05	159.3	13.6	0.74E-05	0.78E-05
9.7	20.2	0.14E-05	0.14E-05	162.0	13.5	0.55E-05	0.58E-05
12.5	20.2	0.69E-06	0.70E-06	164.8	13.5	0.39E-05	0.40E-05
15.2	20.2	0.15E-05	0.16E-05	167.6	13.5	0.75E-05	0.79E-05
18.0	20.2	0.22E-06	0.22E-06	170.4	13.6	0.88E-06	0.89E-06
20.8	20.1	0.30E-06	0.31E-06	173.1	13.7	0.51E-05	0.53E-05
23.5	20.1	0.57E-06	0.58E-06	175.9	13.7	0.90E-04	0.10E-03
26.3	20.0	0.51E-06	0.52E-06	178.7	13.7	0.61E-03	0.80E-03
29.1	19.8	0.41E-06	0.41E-06	181.4	13.7	0.55E-03	0.73E-03
31.9	19.3	0.15E-06	0.15E-06	184.2	13.7	0.35E-03	0.44E-03
34.6	18.8	0.56E-05	0.59E-05	187.0	13.7	0.44E-03	0.55E-03
37.4	18.7	0.71E-05	0.75E-05	189.7	13.7	0.76E-03	0.10E-02
40.2	18.6	0.70E-05	0.74E-05	192.5	13.7	0.64E-03	0.84E-03
42.9	18.0	0.20E-05	0.21E-05	195.3	13.7	0.71E-03	0.93E-03
45.7	17.4	0.45E-05	0.47E-05	198.1	13.7	0.55E-03	0.73E-03
48.5	16.6	0.28E-05	0.29E-05	200.8	13.7	0.53E-03	0.66E-03
51.2	15.9	0.37E-05	0.39E-05	203.6	13.7	0.33E-03	0.41E-03
54.0	15.6	0.45E-05	0.47E-05	206.4	13.6	0.23E-04	0.25E-04
56.8	15.4	0.45E-05	0.47E-05	209.1	13.6	0.14E-03	0.16E-03
59.6	15.3	0.64E-05	0.67E-05	211.9	13.6	0.54E-03	0.67E-03
62.3	15.2	0.33E-05	0.35E-05				
65.1	15.2	0.21E-04	0.23E-04				
67.9	15.1	0.16E-05	0.17E-05				
70.6	15.0	0.32E-06	0.33E-06				
73.4	14.8	0.13E-05	0.13E-05				
76.2	14.6	0.17E-05	0.17E-05				
78.9	14.5	0.38E-05	0.40E-05				
81.7	14.4	0.49E-05	0.52E-05				
84.5	14.3	0.44E-05	0.46E-05				
87.3	14.3	0.11E-04	0.12E-04				
90.0	14.3	0.43E-05	0.45E-05				
92.8	14.3	0.19E-05	0.20E-05				
95.6	14.2	0.14E-05	0.14E-05				
98.3	14.2	0.64E-05	0.67E-05				
101.1	14.2	0.43E-05	0.45E-05				
103.9	14.2	0.16E-05	0.17E-05				
106.6	14.1	0.47E-06	0.47E-06				
109.4	14.1	0.74E-06	0.75E-06				
112.2	14.1	0.43E-06	0.43E-06				
115.0	14.1	0.63E-06	0.65E-06				
117.7	14.1	0.15E-05	0.15E-05				
120.5	14.1	0.11E-05	0.11E-05				
123.3	14.0	0.28E-05	0.29E-05				
126.0	14.0	0.10E-05	0.11E-05				
128.8	14.0	0.11E-05	0.11E-05				
131.6	14.0	0.53E-05	0.55E-05				
134.3	14.0	0.11E-05	0.12E-05				
137.1	14.0	0.25E-05	0.26E-05				
139.9	13.9	0.61E-06	0.63E-06				
142.7	13.9	0.88E-06	0.90E-06				
145.4	13.9	0.10E-05	0.10E-05				
148.2	14.0	0.41E-06	0.42E-06				
151.0	13.9	0.87E-06	0.89E-06				

Bottom Salinity = 37.057

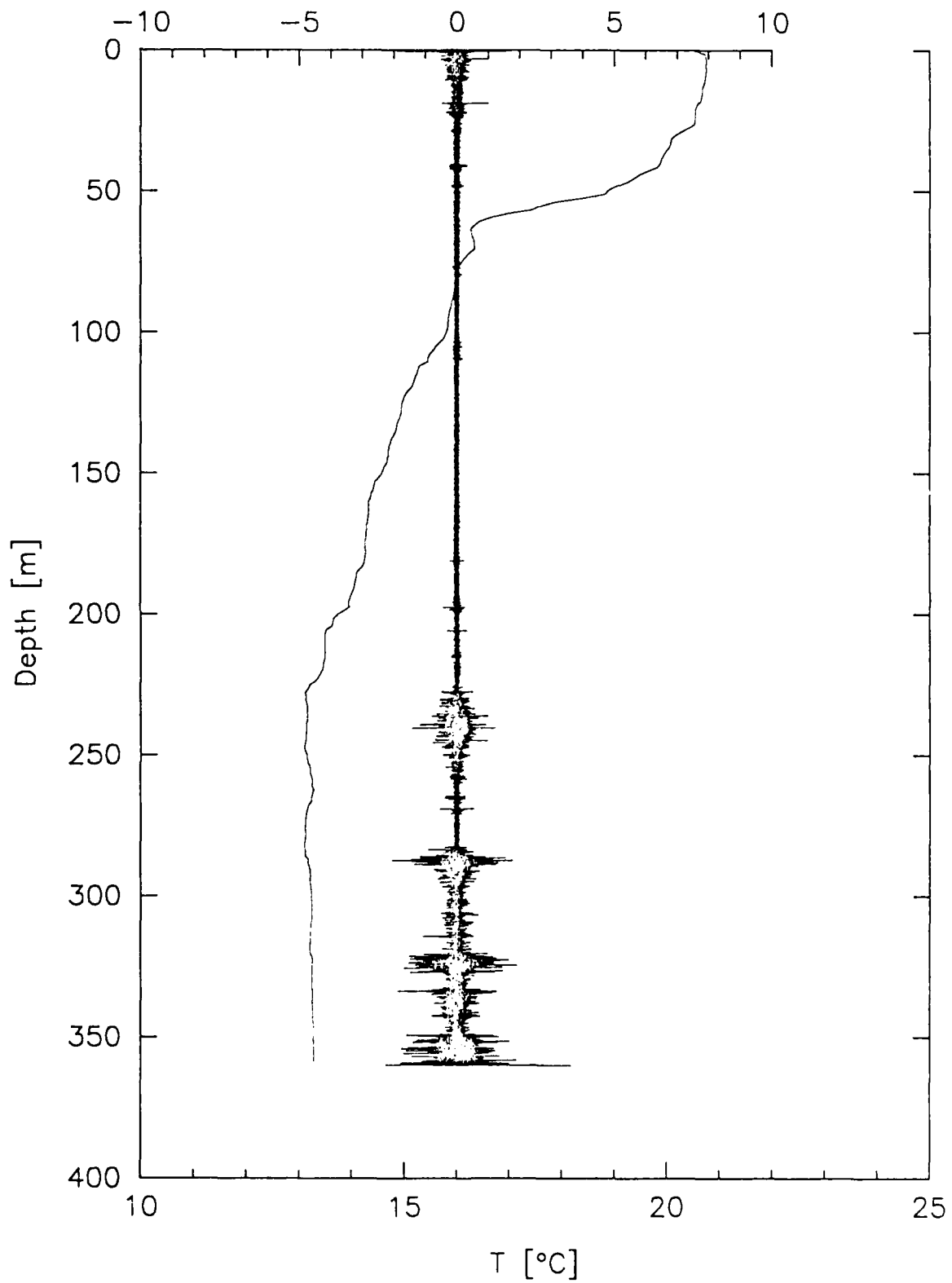
Appendix E:
Tables and Profiles
of
Dissipation Rates and Temperature
Section B

SECTION B

Station -----	Time -----	Location -----	XDP ---
3	22 SEP 1988 23:01 GMT	35 48.82 6 19.60	1043
3	27 SEP 1988 20:59 GMT	35 48.82 6 20.37	1059
4	23 SEP 1988 00:05 GMT	35 45.58 6 18.34	1051

mo 1043

$\partial u / \partial z$ [sec⁻¹]



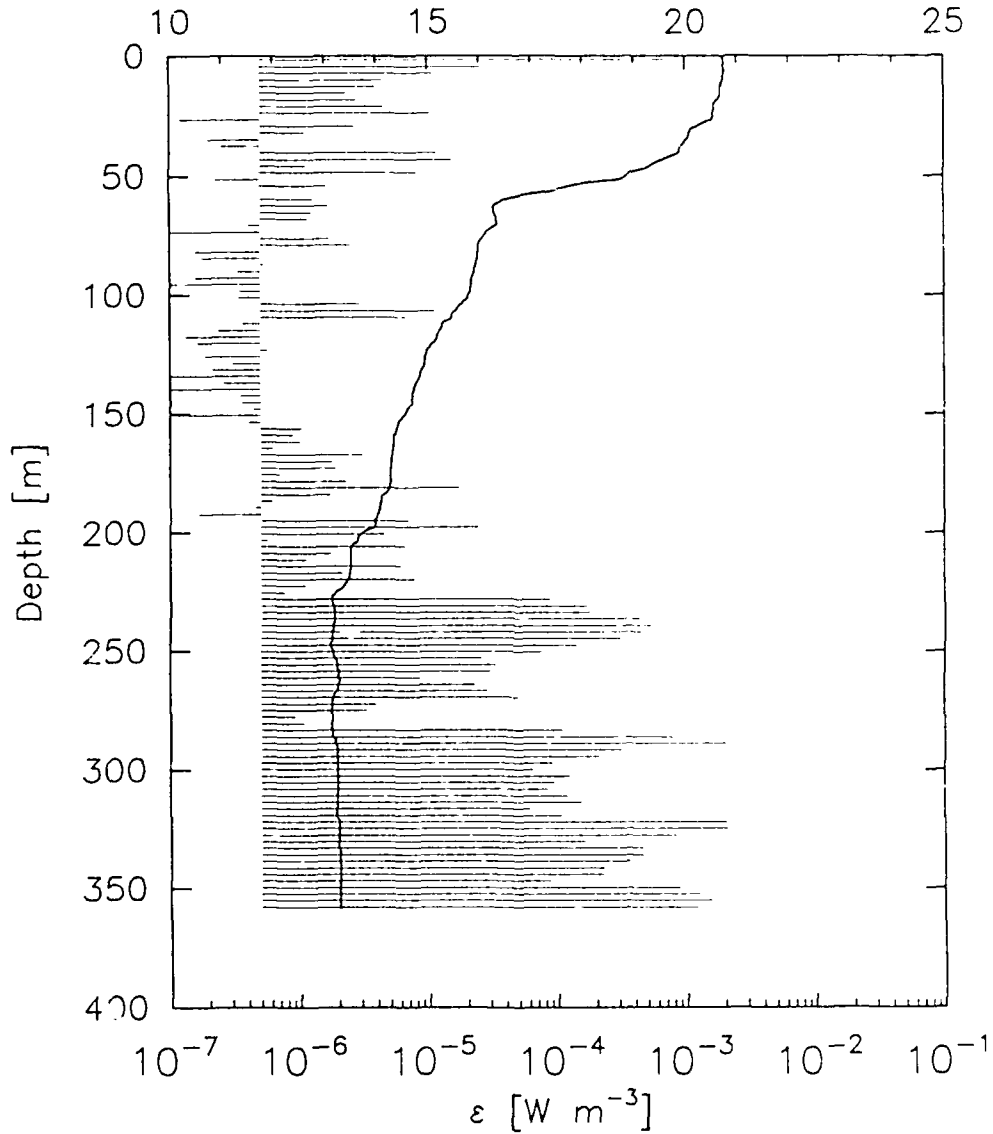
shear: hignpass: 10.

shear: lowpass: 300.

temp: lowpass: 3.

mo 1043.diss

T [°C]



35 48.82 6 19.60 Lat/Lon
22 SEP 1988 23:01 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

1043 XDP
 3 Site Number
 19882662301 22 SEP 1988 23:01 GMT
 19890471929 17 FEB 1989 19:29 GMT Digitized
 35 48.82 6 19.60 Lat/Lon
 360 Depth (m)
 1024 Sampling Rate
 0.2680 S P Sensitivity
 high Gain
 444 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.76 Drop Rate (m/s)

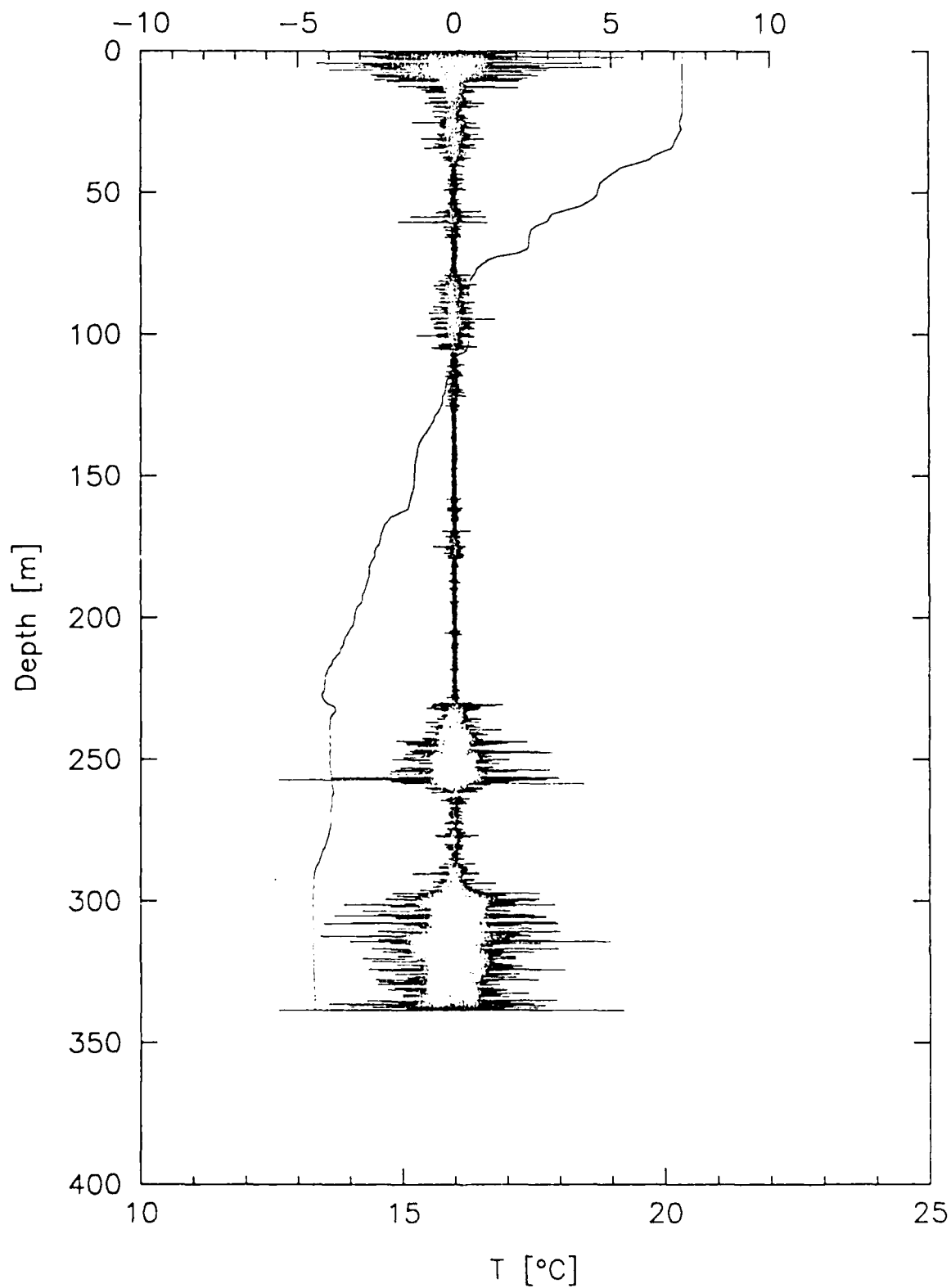
Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	20.7	0.70E-03	0.92E-03	153.2	14.4	0.40E-06	0.41E-06
4.1	20.8	0.26E-04	0.28E-04	155.9	14.4	0.11E-05	0.11E-05
6.9	20.8	0.11E-04	0.12E-04	158.7	14.3	0.89E-06	0.91E-06
9.7	20.7	0.47E-05	0.49E-05	161.5	14.3	0.10E-05	0.10E-05
12.4	20.7	0.39E-05	0.41E-05	164.2	14.3	0.63E-06	0.64E-06
15.2	20.7	0.23E-05	0.24E-05	167.0	14.3	0.31E-05	0.32E-05
17.9	20.6	0.22E-05	0.29E-05	169.7	14.3	0.18E-05	0.18E-05
20.7	20.6	0.46E-05	0.47E-05	172.5	14.3	0.19E-05	0.20E-05
23.5	20.5	0.11E-04	0.11E-04	175.3	14.3	0.71E-06	0.72E-06
26.2	20.5	0.12E-06	0.12E-06	178.0	14.3	0.23E-05	0.24E-05
29.0	20.3	0.28E-05	0.29E-05	180.8	14.2	0.17E-04	0.19E-04
31.7	20.1	0.11E-05	0.11E-05	183.5	14.1	0.17E-05	0.18E-05
34.5	20.0	0.20E-06	0.20E-06	186.3	14.1	0.63E-06	0.64E-06
37.3	19.9	0.25E-06	0.25E-06	189.1	14.1	0.46E-06	0.46E-06
40.0	19.9	0.12E-04	0.13E-04	191.8	14.0	0.16E-06	0.17E-06
42.8	19.6	0.16E-04	0.17E-04	194.6	14.0	0.69E-05	0.73E-05
45.5	19.3	0.11E-05	0.12E-05	197.3	13.9	0.35E-04	0.26E-04
48.3	19.0	0.84E-05	0.89E-05	200.1	13.7	0.46E-05	0.48E-05
51.1	18.7	0.23E-06	0.23E-06	202.9	13.6	0.56E-06	0.57E-06
53.8	17.8	0.17E-05	0.17E-05	205.6	13.5	0.67E-05	0.70E-05
56.6	17.3	0.51E-06	0.52E-06	208.4	13.5	0.17E-05	0.18E-05
59.3	16.6	0.13E-05	0.13E-05	211.1	13.5	0.11E-05	0.11E-05
62.1	16.3	0.17E-05	0.17E-05	213.9	13.5	0.61E-05	0.64E-05
64.9	16.3	0.12E-05	0.13E-05	216.7	13.5	0.21E-05	0.22E-05
67.6	16.3	0.12E-05	0.12E-05	219.4	13.4	0.77E-05	0.82E-05
70.4	16.3	0.41E-06	0.41E-06	222.2	13.4	0.11E-05	0.11E-05
73.1	16.2	0.76E-07	0.76E-07	224.9	13.2	0.76E-06	0.78E-06
75.9	16.1	0.17E-05	0.18E-05	227.7	13.1	0.88E-04	0.99E-04
78.7	16.0	0.25E-05	0.26E-05	230.5	13.1	0.17E-03	0.19E-03
81.4	16.0	0.16E-06	0.16E-06	233.2	13.2	0.18E-03	0.22E-03
84.2	16.0	0.18E-06	0.18E-06	236.0	13.2	0.44E-03	0.54E-03
86.9	15.9	0.53E-06	0.54E-06	238.7	13.1	0.53E-03	0.66E-03
89.7	15.9	0.33E-06	0.34E-06	241.5	13.1	0.44E-03	0.55E-03
92.5	15.9	0.16E-06	0.16E-06	244.3	13.1	0.31E-03	0.37E-03
95.2	15.8	0.76E-07	0.77E-07	247.0	13.1	0.14E-03	0.16E-03
98.0	15.8	0.34E-06	0.35E-06	249.8	13.1	0.76E-04	0.85E-04
100.7	15.8	0.34E-06	0.34E-06	252.5	13.2	0.26E-04	0.29E-04
103.5	15.7	0.30E-05	0.31E-05	255.3	13.2	0.33E-04	0.37E-04
106.3	15.5	0.11E-04	0.12E-04	258.1	13.3	0.30E-04	0.33E-04
109.0	15.5	0.68E-05	0.71E-05	260.8	13.3	0.86E-05	0.91E-05
111.8	15.3	0.37E-06	0.37E-06	263.6	13.3	0.23E-04	0.25E-04
114.5	15.2	0.24E-06	0.24E-06	266.3	13.2	0.29E-04	0.31E-04
117.3	15.2	0.13E-06	0.13E-06	269.1	13.2	0.49E-04	0.54E-04
120.1	15.1	0.16E-06	0.17E-06	271.9	13.1	0.40E-05	0.41E-05
122.8	15.0	0.57E-06	0.58E-06	274.6	13.1	0.34E-05	0.35E-05
125.6	14.9	0.19E-06	0.19E-06	277.4	13.1	0.91E-06	0.93E-06
128.3	14.9	0.31E-06	0.31E-06	280.1	13.1	0.11E-05	0.11E-05
131.1	14.9	0.21E-06	0.21E-06	282.9	13.1	0.11E-03	0.12E-03
133.9	14.8	0.86E-07	0.87E-07	285.7	13.1	0.79E-03	0.10E-02
136.6	14.8	0.26E-06	0.26E-06	288.4	13.2	0.20E-02	0.31E-02
139.4	14.7	0.10E-06	0.10E-06	291.2	13.2	0.31E-03	0.37E-03
142.1	14.7	0.35E-06	0.35E-06	293.9	13.2	0.21E-03	0.25E-03
144.9	14.7	0.35E-06	0.36E-06	296.7	13.2	0.91E-04	0.10E-03
147.7	14.6	0.44E-06	0.44E-06	299.5	13.2	0.64E-04	0.72E-04
150.4	14.5	0.11E-06	0.12E-06	302.2	13.2	0.10E-03	0.14E-03

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
305.0	13.2	0.95E-04	0.11E-03
307.7	13.2	0.83E-04	0.93E-04
310.5	13.2	0.12E-03	0.14E-03
313.3	13.2	0.15E-03	0.18E-03
316.0	13.2	0.61E-04	0.68E-04
318.8	13.2	0.11E-03	0.12E-03
321.5	13.2	0.21E-02	0.31E-02
324.3	13.3	0.21E-02	0.32E-02
327.1	13.2	0.83E-03	0.11E-02
329.8	13.2	0.16E-03	0.19E-03
332.6	13.2	0.46E-03	0.57E-03
335.3	13.3	0.46E-03	0.58E-03
338.1	13.3	0.36E-03	0.45E-03
340.9	13.3	0.23E-03	0.27E-03
343.6	13.3	0.23E-03	0.27E-03
346.4	13.3	0.88E-04	0.99E-04
349.1	13.3	0.89E-03	0.12E-02
351.9	13.3	0.13E-02	0.18E-02
354.7	13.3	0.16E-02	0.22E-02
357.4	13.3	0.12E-02	0.17E-02

Bottom Salinity = 37.775

mo 1059

$\partial u / \partial z$ [sec⁻¹]



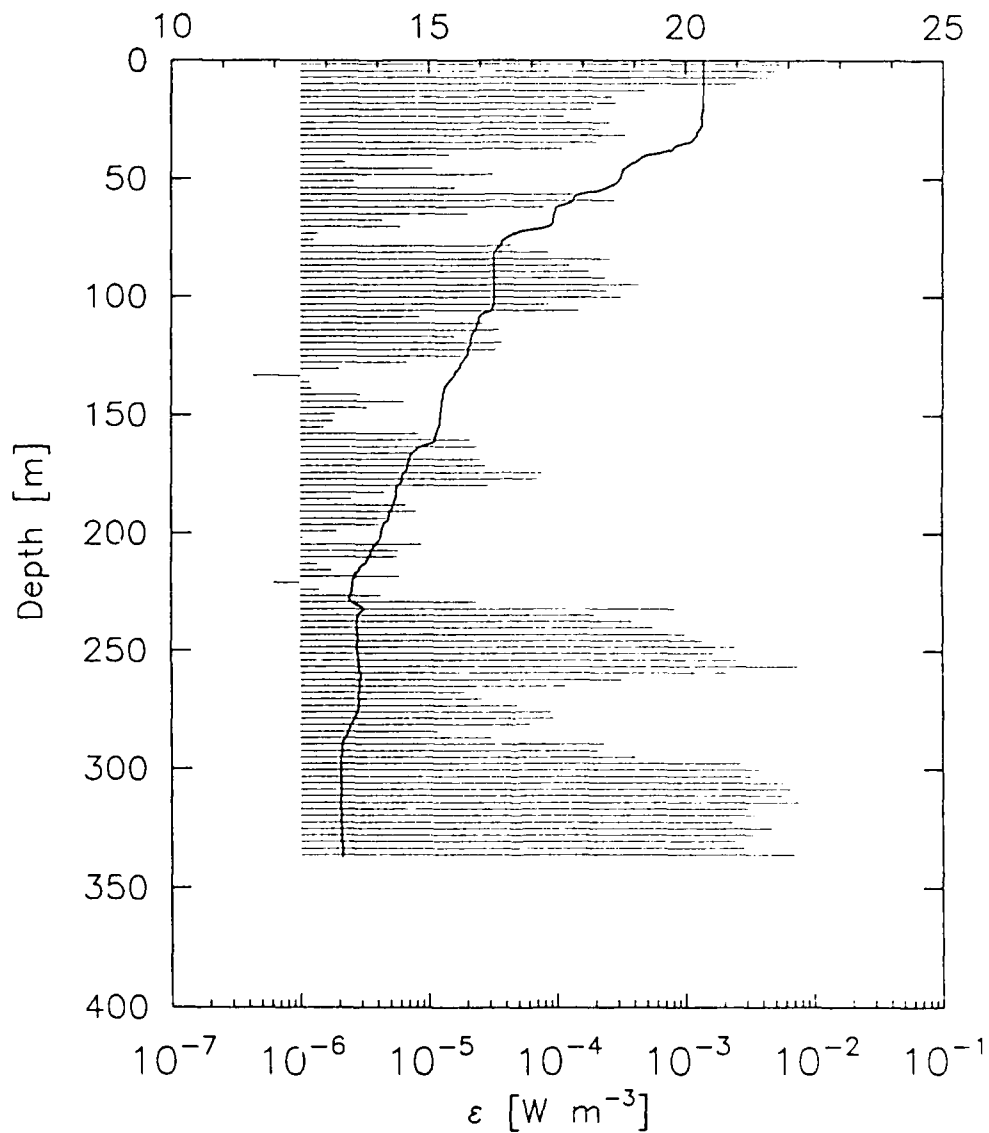
shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3

mo 1059.diss

T [°C]



35 48.82 6 20.37 Lat/Lon
27 SEP 1988 20:59 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

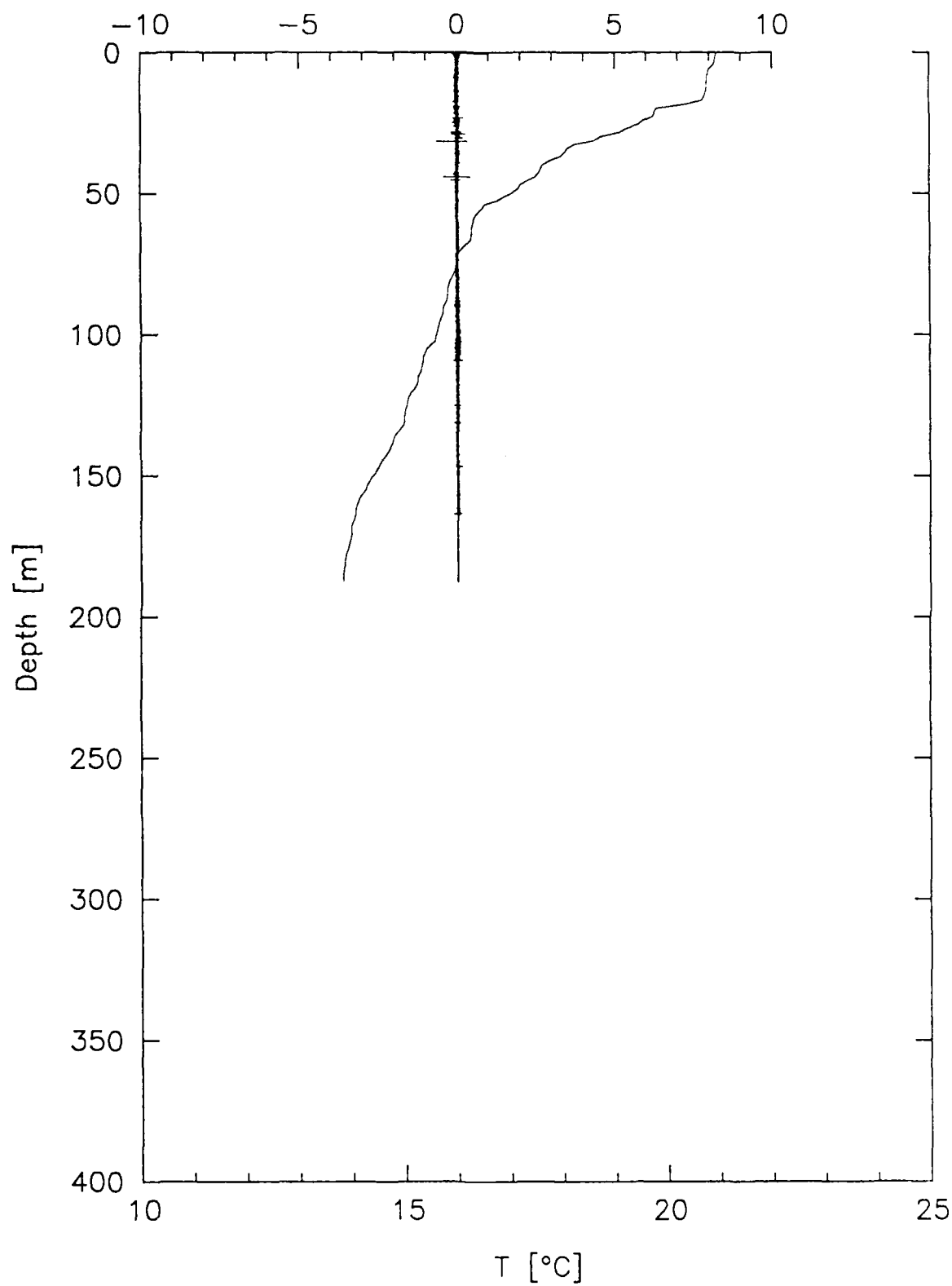
1059 XDP
 3 Site Number
 19882712059 27 SEP 1988 20:59 GMT
 19890581603 28 FEB 1989 16:03 GMT Digitized
 35 48.82 6 20.37 Lat/Lon
 340 Depth (m)
 1024 Sampling Rate
 0.1970 S P Sensitivity
 high Gain
 444 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.74 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	20.4	0.57E-02	0.10E-01	152.1	15.2	0.18E-05	0.19E-05
4.1	20.4	0.50E-02	0.91E-02	154.8	15.2	0.16E-05	0.16E-05
6.9	20.4	0.44E-02	0.72E-02	157.6	15.2	0.85E-05	0.90E-05
9.6	20.4	0.25E-02	0.38E-02	160.3	15.1	0.21E-04	0.23E-04
12.3	20.4	0.49E-03	0.61E-03	163.0	14.9	0.24E-04	0.26E-04
15.1	20.4	0.27E-03	0.32E-03	165.8	14.7	0.72E-05	0.76E-05
17.8	20.4	0.29E-03	0.35E-03	168.5	14.6	0.26E-04	0.27E-04
20.5	20.4	0.19E-03	0.22E-03	171.3	14.6	0.28E-04	0.30E-04
23.3	20.3	0.12E-03	0.13E-03	174.0	14.5	0.76E-04	0.86E-04
26.0	20.3	0.26E-03	0.31E-03	176.7	14.5	0.71E-04	0.80E-04
28.8	20.3	0.21E-03	0.25E-03	179.5	14.4	0.29E-04	0.32E-04
31.5	20.2	0.34E-03	0.43E-03	182.2	14.4	0.46E-05	0.48E-05
34.3	20.1	0.20E-03	0.24E-03	184.9	14.4	0.25E-05	0.26E-05
37.0	19.8	0.11E-03	0.13E-03	187.7	14.3	0.67E-05	0.71E-05
39.7	19.4	0.15E-04	0.16E-04	190.4	14.3	0.81E-05	0.86E-05
42.5	19.1	0.22E-05	0.23E-05	193.2	14.2	0.48E-05	0.50E-05
45.2	18.8	0.11E-04	0.11E-04	195.9	14.1	0.41E-05	0.43E-05
48.0	18.8	0.32E-04	0.35E-04	198.6	14.1	0.19E-05	0.20E-05
50.7	18.7	0.27E-05	0.27E-05	201.4	14.1	0.11E-05	0.11E-05
53.4	18.5	0.16E-04	0.17E-04	204.1	14.0	0.88E-05	0.92E-05
56.2	18.	0.13E-03	0.15E-03	206.9	13.9	0.58E-05	0.61E-05
58.9	17.8	0.29E-03	0.34E-03	209.6	13.8	0.57E-05	0.60E-05
61.7	17.6	0.80E-04	0.90E-04	212.4	13.8	0.14E-05	0.14E-05
64.4	17.5	0.20E-04	0.22E-04	215.1	13.7	0.18E-05	0.18E-05
67.1	17.4	0.43E-05	0.45E-05	217.8	13.6	0.60E-05	0.63E-05
69.9	17.3	0.60E-05	0.64E-05	220.6	13.5	0.62E-06	0.63E-06
72.6	16.8	0.14E-05	0.14E-05	223.3	13.5	0.14E-05	0.15E-05
75.3	16.5	0.13E-05	0.13E-05	226.1	13.5	0.43E-05	0.45E-05
78.1	16.4	0.44E-04	0.48E-04	228.8	13.5	0.24E-04	0.26E-04
80.8	16.3	0.86E-04	0.96E-04	231.5	13.7	0.83E-03	0.11E-02
83.6	16.3	0.26E-03	0.31E-03	234.3	13.6	0.20E-03	0.23E-03
86.3	16.3	0.13E-03	0.14E-03	237.0	13.6	0.38E-03	0.48E-03
89.1	16.3	0.10E-03	0.21E-03	239.8	13.6	0.60E-03	0.79E-03
91.8	16.3	0.24E-03	0.29E-03	242.5	13.6	0.99E-03	0.14E-02
94.5	16.3	0.45E-03	0.56E-03	245.2	13.6	0.14E-02	0.19E-02
97.3	16.3	0.25E-03	0.29E-03	248.0	13.6	0.24E-02	0.37E-02
100.0	16.3	0.32E-03	0.39E-03	250.7	13.6	0.17E-02	0.25E-02
102.8	16.3	0.87E-04	0.97E-04	253.4	13.6	0.25E-02	0.38E-02
105.5	16.2	0.15E-03	0.17E-03	256.2	13.6	0.75E-02	0.14E-01
108.2	16.0	0.85E-05	0.89E-05	258.9	13.7	0.22E-02	0.34E-02
111.0	16.0	0.26E-04	0.28E-04	261.7	13.7	0.32E-03	0.40E-03
113.7	15.9	0.36E-04	0.40E-04	264.4	13.6	0.12E-03	0.13E-03
116.5	15.8	0.16E-04	0.17E-04	267.1	13.6	0.19E-04	0.21E-04
119.2	15.8	0.38E-04	0.41E-04	269.9	13.6	0.26E-04	0.28E-04
121.9	15.8	0.34E-04	0.37E-04	272.6	13.6	0.49E-04	0.54E-04
124.7	15.8	0.19E-04	0.21E-04	275.4	13.6	0.89E-04	0.10E-03
127.4	15.7	0.68E-05	0.72E-05	278.1	13.6	0.94E-04	0.11E-03
130.1	15.6	0.20E-05	0.21E-05	280.9	13.5	0.62E-04	0.70E-04
132.9	15.5	0.43E-06	0.43E-06	283.6	13.4	0.12E-04	0.13E-04
135.6	15.4	0.12E-05	0.12E-05	286.3	13.4	0.31E-04	0.33E-04
138.4	15.3	0.12E-05	0.13E-05	289.1	13.3	0.24E-03	0.28E-03
141.1	15.3	0.29E-05	0.30E-05	291.8	13.3	0.21E-03	0.25E-03
143.9	15.3	0.64E-05	0.68E-05	294.5	13.3	0.41E-03	0.51E-03
146.6	15.3	0.34E-05	0.35E-05	297.3	13.3	0.27E-02	0.40E-02
149.3	15.2	0.19E-05	0.19E-05	300.0	13.3	0.39E-02	0.63E-02

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
302.8	13.3	0.32E-02	0.53E-02
305.5	13.3	0.58E-02	0.10E-01
308.3	13.3	0.65E-02	0.12E-01
311.0	13.3	0.57E-02	0.10E-01
313.7	13.3	0.76E-02	0.14E-01
316.5	13.3	0.31E-02	0.50E-02
319.2	13.3	0.35E-02	0.57E-02
322.0	13.3	0.23E-02	0.35E-02
324.7	13.3	0.49E-02	0.88E-02
327.4	13.3	0.34E-02	0.56E-02
330.2	13.3	0.24E-02	0.37E-02
332.9	13.3	0.28E-02	0.47E-02
335.6	13.3	0.70E-02	0.13E-01

mo 1051

$\partial u / \partial z$ [sec⁻¹]



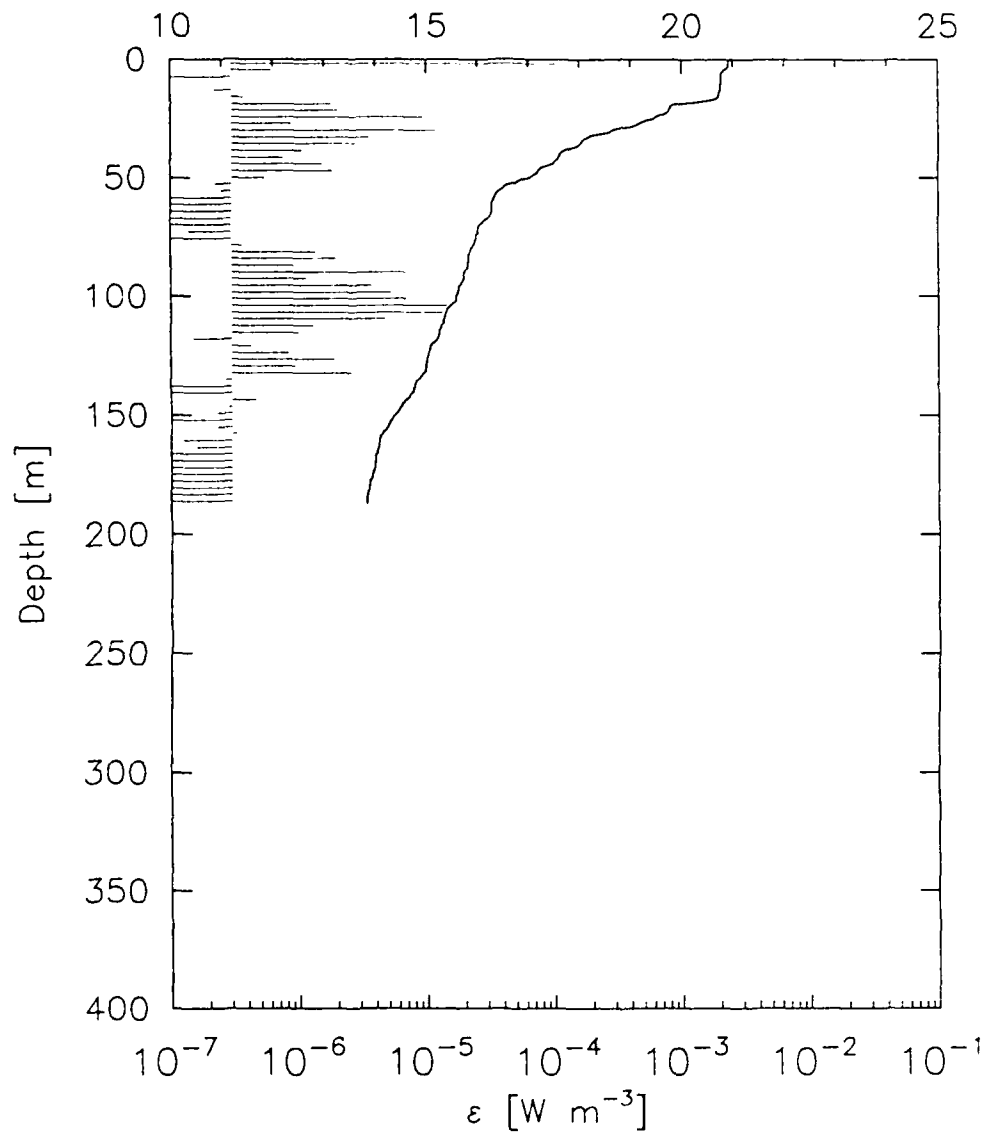
shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.

mo 1051.diss

T [°C]



35 45.58 6 18.34 Lat/Lon
23 SEP 1988 00:05 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

1051 XDP
 4 Site Number
 19882670005 23 SEP 1988 00:05 GMT
 19890471941 17 FEB 1989 19:41 GMT Digitized
 35 45.58 6 18.34 Lat/Lon
 385 Depth (m)
 1024 Sampling Rate
 0.2380 S P Sensitivity
 high Gain
 447 Temp Freq
 1 Deck Receiver
 SBL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.84 Drop Rate (m/s)

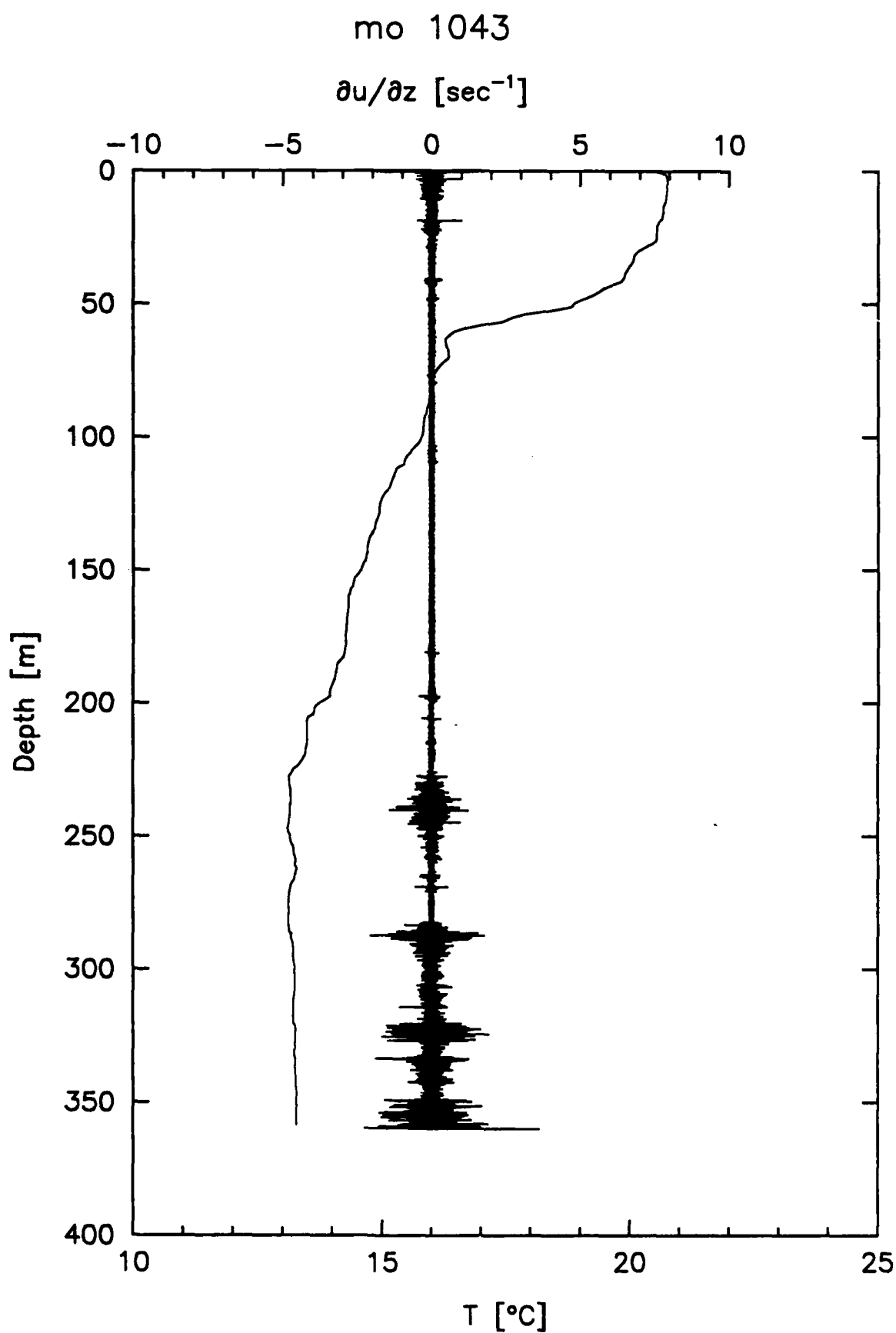
Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	20.9	0.11E-03	0.12E-03	157.6	14.1	0.32E-06	0.32E-06
4.3	20.9	0.62E-06	0.63E-06	160.5	14.1	0.12E-06	0.13E-06
7.1	20.8	0.68E-07	0.69E-07	163.3	14.1	0.16E-06	0.16E-06
9.9	20.8	0.30E-06	0.30E-06	166.1	14.0	0.22E-07	0.23E-07
12.8	20.8	0.22E-06	0.22E-06	169.0	14.0	0.10E-07	0.10E-07
15.6	20.7	0.38E-06	0.38E-06	171.8	14.0	0.71E-08	0.72E-08
18.5	20.1	0.18E-05	0.18E-05	174.7	13.9	0.29E-08	0.29E-08
21.3	19.8	0.20E-05	0.21E-05	177.5	13.9	0.13E-07	0.13E-07
24.1	19.5	0.94E-05	0.99E-05	180.3	13.9	0.63E-08	0.64E-08
27.0	19.2	0.88E-06	0.90E-06	183.2	13.8	0.71E-08	0.72E-08
29.8	18.7	0.12E-04	0.12E-04	186.0	13.8	0.65E-08	0.66E-08
32.7	18.2	0.36E-05	0.37E-05				
35.5	18.0	0.28E-05	0.29E-05				
38.3	17.7	0.11E-05	0.11E-05				
41.2	17.6	0.76E-06	0.77E-06				
44.0	17.5	0.16E-05	0.16E-05				
46.9	17.2	0.19E-05	0.19E-05				
49.7	17.0	0.54E-06	0.55E-06				
52.5	16.7	0.22E-06	0.22E-06				
55.4	16.5	0.25E-06	0.25E-06				
58.2	16.3	0.79E-07	0.80E-07				
61.1	16.3	0.59E-07	0.60E-07				
63.9	16.3	0.95E-07	0.96E-07				
66.7	16.2	0.54E-07	0.54E-07				
69.6	16.1	0.49E-07	0.49E-07				
72.4	16.0	0.14E-06	0.14E-06				
75.3	16.0	0.82E-07	0.83E-07				
78.1	15.9	0.36E-06	0.37E-06				
80.9	15.9	0.14E-05	0.14E-05				
83.8	15.8	0.19E-05	0.20E-05				
86.6	15.8	0.91E-06	0.93E-06				
89.5	15.7	0.68E-05	0.72E-05				
92.3	15.7	0.11E-05	0.12E-05				
95.1	15.7	0.37E-05	0.38E-05				
98.0	15.6	0.53E-05	0.55E-05				
100.8	15.6	0.69E-05	0.72E-05				
103.7	15.5	0.15E-04	0.15E-04				
106.5	15.4	0.13E-04	0.14E-04				
109.3	15.3	0.47E-05	0.49E-05				
112.2	15.3	0.13E-05	0.13E-05				
115.0	15.3	0.10E-05	0.10E-05				
117.9	15.2	0.15E-06	0.15E-06				
120.7	15.1	0.42E-06	0.43E-06				
123.5	15.0	0.83E-06	0.85E-06				
126.4	15.0	0.19E-05	0.19E-05				
129.2	15.0	0.93E-06	0.95E-06				
132.1	14.9	0.26E-05	0.26E-05				
134.9	14.8	0.27E-06	0.27E-06				
137.7	14.8	0.58E-07	0.59E-07				
140.6	14.7	0.63E-07	0.63E-07				
143.4	14.6	0.46E-06	0.46E-06				
146.3	14.5	0.28E-06	0.28E-06				
149.1	14.4	0.23E-06	0.23E-06				
151.9	14.3	0.64E-07	0.65E-07				
154.8	14.2	0.23E-06	0.23E-06				

Bottom Salinity = 38.071

Appendix E:
Tables and Profiles
of
Dissipation Rates and Temperature
Section B

SECTION B

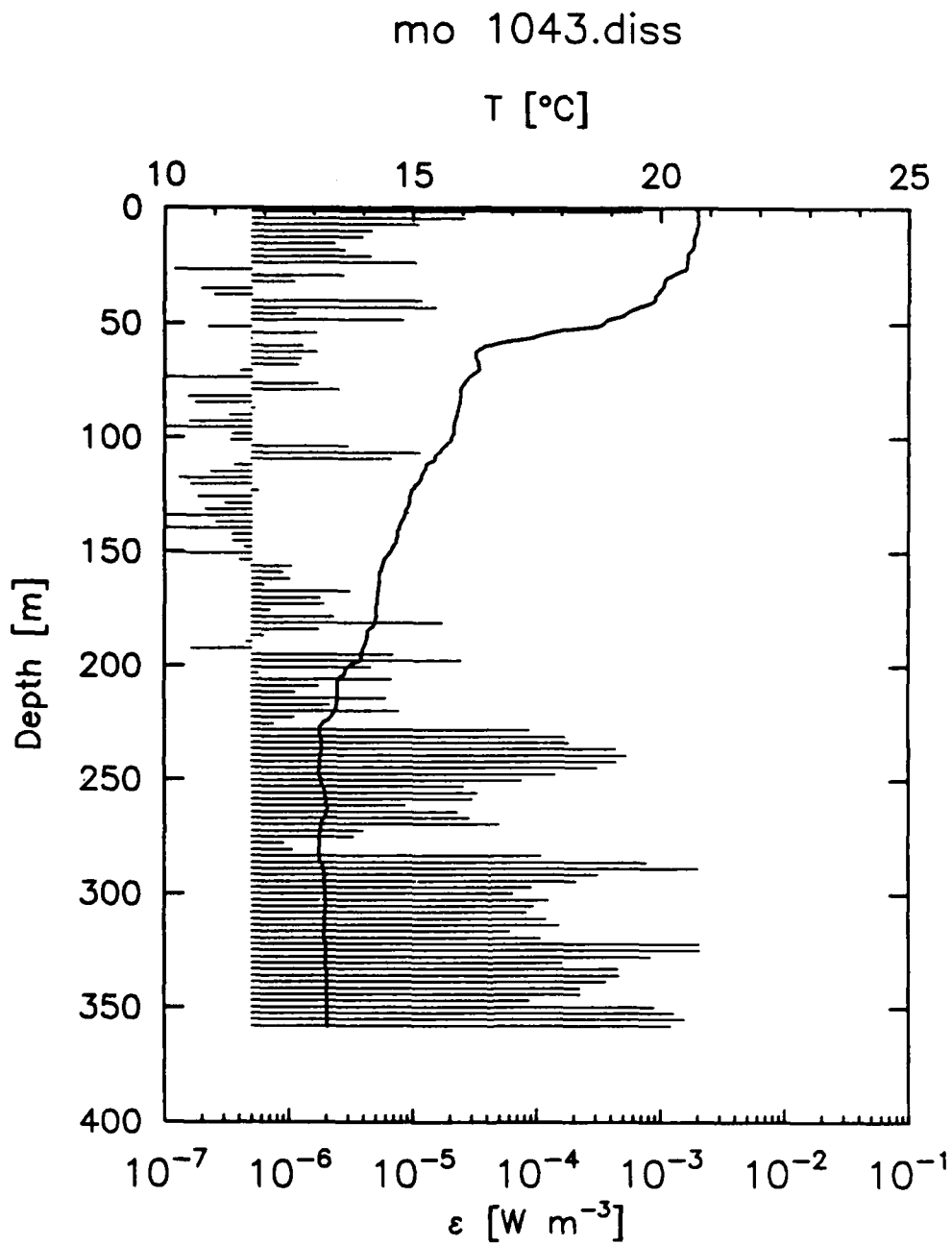
Station -----	Time -----	Location -----	XDP ---
3	22 SEP 1988 23:01 GMT	35 48.82 6 19.60	1043
3	27 SEP 1988 20:59 GMT	35 48.82 6 20.37	1059
4	23 SEP 1988 00:05 GMT	35 45.58 6 18.34	1051



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.



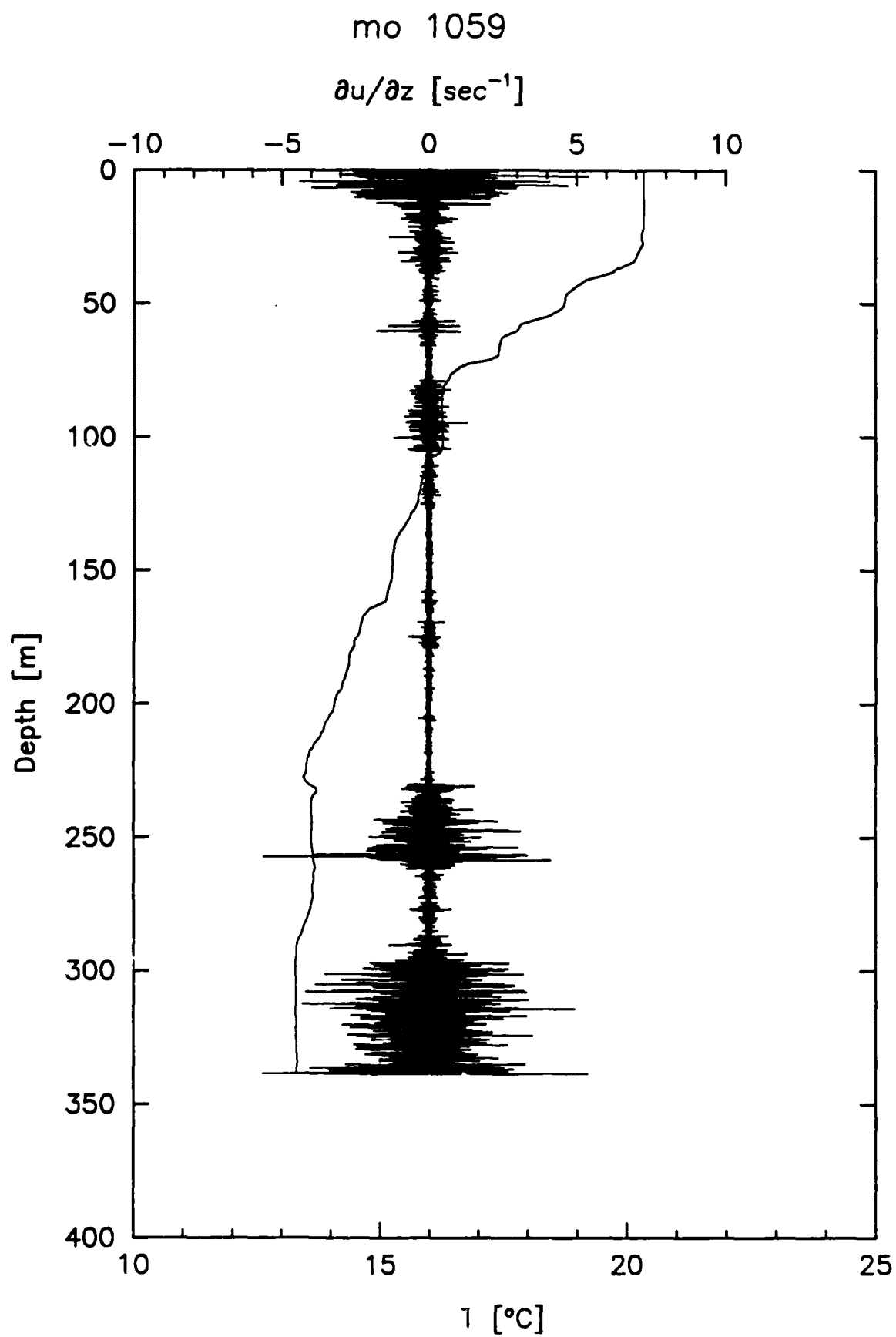
35 48.82 6 19.60 Lat/Lon
 22 SEP 1988 23:01 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

1043 XDP
 3 Site Number
 19882662301 22 SEP 1988 23:01 GMT
 19890471929 17 FEB 1989 19:29 GMT Digitized
 35 48.82 6 19.60 Lat/Lon
 360 Depth (m)
 1024 Sampling Rate
 0.2680 S P Sensitivity
 high Gain
 444 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.76 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	20.7	0.70E-03	0.92E-03	153.2	14.4	0.40E-06	0.41E-06
4.1	20.8	0.26E-04	0.28E-04	155.9	14.4	0.11E-05	0.11E-05
6.9	20.8	0.11E-04	0.12E-04	158.7	14.3	0.89E-06	0.91E-06
9.7	20.7	0.47E-05	0.49E-05	161.5	14.3	0.10E-05	0.10E-05
12.4	20.7	0.39E-05	0.41E-05	164.2	14.3	0.63E-06	0.64E-06
15.2	20.7	0.23E-05	0.24E-05	167.0	14.3	0.31E-05	0.32E-05
17.9	20.6	0.28E-05	0.29E-05	169.7	14.3	0.18E-05	0.18E-05
20.7	20.6	0.46E-05	0.47E-05	172.5	14.3	0.19E-05	0.20E-05
23.5	20.5	0.11E-04	0.11E-04	175.3	14.3	0.71E-06	0.72E-06
26.2	20.5	0.12E-06	0.12E-06	178.0	14.3	0.23E-05	0.24E-05
29.0	20.3	0.28E-05	0.29E-05	180.8	14.2	0.17E-04	0.19E-04
31.7	20.1	0.11E-05	0.11E-05	183.5	14.1	0.17E-05	0.18E-05
34.5	20.0	0.20E-06	0.20E-06	186.3	14.1	0.63E-06	0.64E-06
37.3	19.9	0.25E-06	0.25E-06	189.1	14.1	0.46E-06	0.46E-06
40.0	19.9	0.12E-04	0.13E-04	191.8	14.0	0.16E-06	0.17E-06
42.8	19.6	0.16E-04	0.17E-04	194.6	14.0	0.69E-05	0.73E-05
45.5	19.3	0.11E-05	0.12E-05	197.3	13.9	0.25E-04	0.26E-04
48.3	19.0	0.84E-05	0.89E-05	200.1	13.7	0.46E-05	0.48E-05
51.1	18.7	0.23E-06	0.23E-06	202.9	13.6	0.56E-06	0.57E-06
53.8	17.8	0.17E-05	0.17E-05	205.6	13.5	0.67E-05	0.70E-05
56.6	17.3	0.51E-06	0.52E-06	208.4	13.5	0.17E-05	0.18E-05
59.3	16.6	0.13E-05	0.13E-05	211.1	13.5	0.11E-05	0.11E-05
62.1	16.3	0.17E-05	0.17E-05	213.9	13.5	0.61E-05	0.64E-05
64.9	16.3	0.12E-05	0.13E-05	216.7	13.5	0.21E-05	0.22E-05
67.6	16.3	0.12E-05	0.12E-05	219.4	13.4	0.77E-05	0.82E-05
70.4	16.3	0.41E-06	0.41E-06	222.2	13.4	0.11E-05	0.11E-05
73.1	16.2	0.76E-07	0.76E-07	224.9	13.2	0.76E-06	0.78E-06
75.9	16.1	0.17E-05	0.18E-05	227.7	13.1	0.88E-04	0.99E-04
78.7	16.0	0.25E-05	0.26E-05	230.5	13.1	0.17E-03	0.19E-03
81.4	16.0	0.16E-06	0.16E-06	233.2	13.2	0.18E-03	0.22E-03
84.2	16.0	0.18E-06	0.18E-06	236.0	13.2	0.44E-03	0.54E-03
86.9	15.9	0.53E-06	0.54E-06	238.7	13.1	0.53E-03	0.66E-03
89.7	15.9	0.33E-06	0.34E-06	241.5	13.1	0.44E-03	0.55E-03
92.5	15.9	0.16E-06	0.16E-06	244.3	13.1	0.31E-03	0.37E-03
95.2	15.8	0.76E-07	0.77E-07	247.0	13.1	0.14E-03	0.16E-03
98.0	15.8	0.34E-06	0.35E-06	249.8	13.1	0.76E-04	0.85E-04
100.7	15.8	0.34E-06	0.34E-06	252.5	13.2	0.26E-04	0.28E-04
103.5	15.7	0.30E-05	0.31E-05	255.3	13.2	0.33E-04	0.37E-04
106.3	15.5	0.11E-04	0.12E-04	258.1	13.3	0.30E-04	0.33E-04
109.0	15.5	0.68E-05	0.71E-05	260.8	13.3	0.86E-05	0.91E-05
111.8	15.3	0.37E-06	0.37E-06	263.6	13.3	0.23E-04	0.25E-04
114.5	15.2	0.24E-06	0.24E-06	266.3	13.2	0.29E-04	0.31E-04
117.3	15.2	0.13E-06	0.13E-06	269.1	13.2	0.49E-04	0.54E-04
120.1	15.1	0.16E-06	0.17E-06	271.9	13.1	0.40E-05	0.41E-05
122.8	15.0	0.57E-06	0.58E-06	274.6	13.1	0.34E-05	0.35E-05
125.6	14.9	0.19E-06	0.19E-06	277.4	13.1	0.91E-06	0.93E-06
128.3	14.9	0.31E-06	0.31E-06	280.1	13.1	0.11E-05	0.11E-05
131.1	14.9	0.21E-06	0.21E-06	282.9	13.1	0.11E-03	0.12E-03
133.9	14.8	0.86E-07	0.87E-07	285.7	13.1	0.78E-03	0.10E-02
136.6	14.8	0.26E-06	0.26E-06	288.4	13.2	0.20E-02	0.31E-02
139.4	14.7	0.10E-06	0.10E-06	291.2	13.2	0.31E-03	0.37E-03
142.1	14.7	0.35E-06	0.35E-06	293.9	13.2	0.21E-03	0.25E-03
144.9	14.7	0.35E-06	0.36E-06	296.7	13.2	0.91E-04	0.10E-03
147.7	14.6	0.44E-06	0.44E-06	299.5	13.2	0.64E-04	0.72E-04
150.4	14.5	0.11E-06	0.12E-06	302.2	13.2	0.12E-03	0.14E-03

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
305.0	13.2	0.95E-04	0.11E-03
307.7	13.2	0.83E-04	0.93E-04
310.5	13.2	0.12E-03	0.14E-03
313.3	13.2	0.15E-03	0.18E-03
316.0	13.2	0.61E-04	0.68E-04
318.8	13.2	0.11E-03	0.12E-03
321.5	13.2	0.21E-02	0.31E-02
324.3	13.3	0.21E-02	0.32E-02
327.1	13.2	0.83E-03	0.11E-02
329.8	13.2	0.16E-03	0.19E-03
332.6	13.2	0.46E-03	0.57E-03
335.3	13.3	0.46E-03	0.58E-03
338.1	13.3	0.36E-03	0.45E-03
340.9	13.3	0.23E-03	0.27E-03
343.6	13.3	0.23E-03	0.27E-03
346.4	13.3	0.88E-04	0.99E-04
349.1	13.3	0.89E-03	0.12E-02
351.9	13.3	0.13E-02	0.18E-02
354.7	13.3	0.16E-02	0.22E-02
357.4	13.3	0.12E-02	0.17E-02

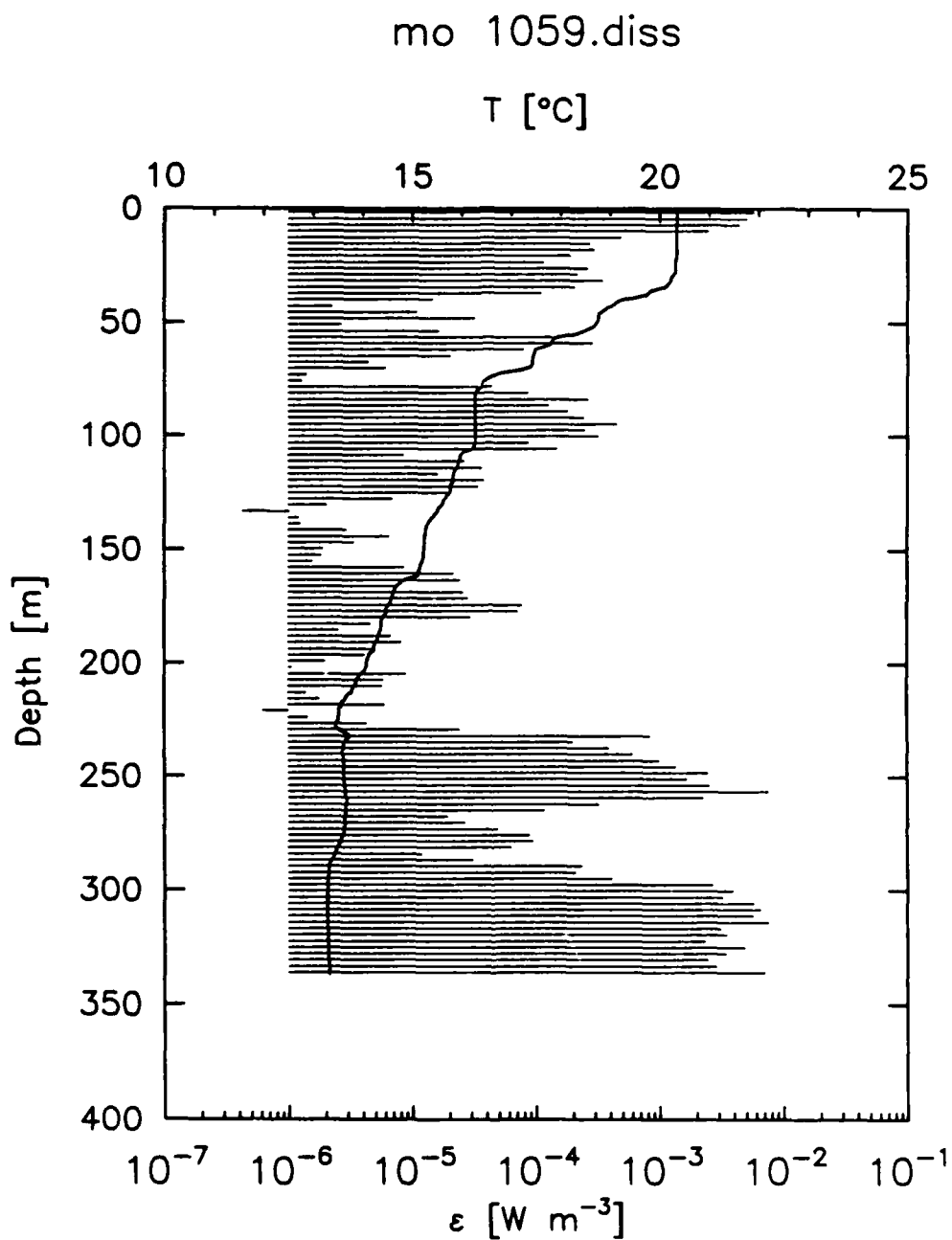
Bottom Salinity = 37.775



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.



35 48.82 6 20.37 Lat/Lon
 27 SEP 1988 20:59 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

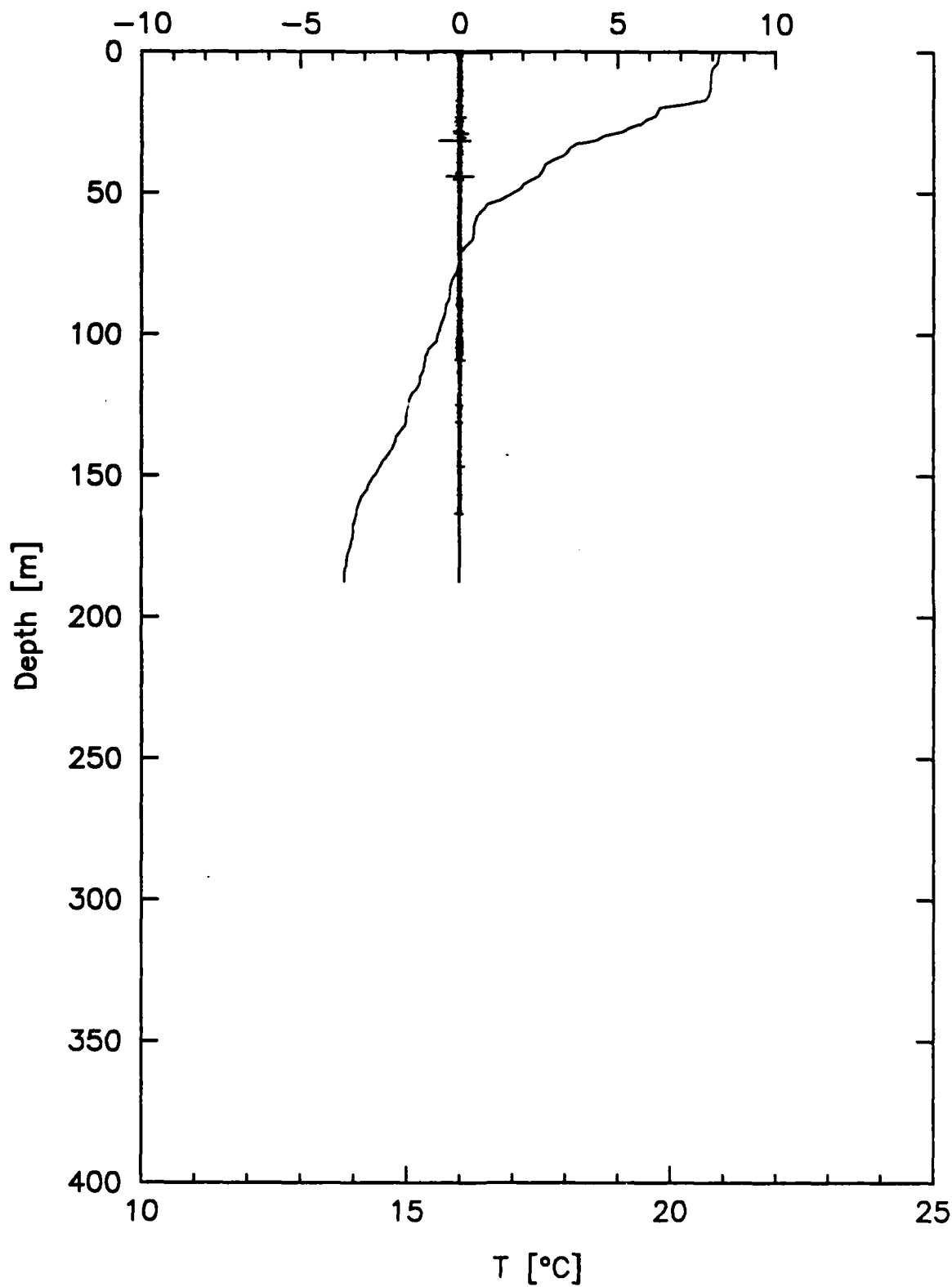
1059 XDP
 3 Site Number
 19882712059 27 SEP 1988 20:59 GMT
 19890581603 28 FEB 1989 16:03 GMT Digitized
 35 48.82 6 20.37 Lat/Lon
 340 Depth (m)
 1024 Sampling Rate
 0.1970 S P Sensitivity
 high Gain
 444 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.74 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m ³)	Corrected Dissipation (W/m ³)	Depth (m)	Temp. (C)	Dissipation (W/m ³)	Corrected Dissipation (W/m ³)
1.4	20.4	0.57E-02	0.10E-01	152.1	15.2	0.18E-05	0.19E-05
4.1	20.4	0.50E-02	0.91E-02	154.8	15.2	0.16E-05	0.16E-05
6.9	20.4	0.44E-02	0.72E-02	157.6	15.2	0.85E-05	0.90E-05
9.6	20.4	0.25E-02	0.38E-02	160.3	15.1	0.21E-04	0.23E-04
12.3	20.4	0.49E-03	0.61E-03	163.0	14.9	0.24E-04	0.26E-04
15.1	20.4	0.27E-03	0.32E-03	165.8	14.7	0.72E-05	0.76E-05
17.8	20.4	0.29E-03	0.35E-03	168.5	14.6	0.26E-04	0.27E-04
20.5	20.4	0.19E-03	0.22E-03	171.3	14.6	0.28E-04	0.30E-04
23.3	20.3	0.12E-03	0.13E-03	174.0	14.5	0.76E-04	0.86E-04
26.0	20.3	0.26E-03	0.31E-03	176.7	14.5	0.71E-04	0.80E-04
28.8	20.3	0.21E-03	0.25E-03	179.5	14.4	0.29E-04	0.32E-04
31.5	20.2	0.34E-03	0.43E-03	182.2	14.4	0.46E-05	0.48E-05
34.3	20.1	0.20E-03	0.24E-03	184.9	14.4	0.25E-05	0.26E-05
37.0	19.8	0.11E-03	0.13E-03	187.7	14.3	0.67E-05	0.71E-05
39.7	19.4	0.15E-04	0.16E-04	190.4	14.3	0.81E-05	0.86E-05
42.5	19.1	0.22E-05	0.23E-05	193.2	14.2	0.48E-05	0.50E-05
45.2	18.8	0.11E-04	0.11E-04	195.9	14.1	0.41E-05	0.43E-05
48.0	18.8	0.32E-04	0.35E-04	198.6	14.1	0.19E-05	0.20E-05
50.7	18.7	0.27E-05	0.27E-05	201.4	14.1	0.11E-05	0.11E-05
53.4	18.5	0.16E-04	0.17E-04	204.1	14.0	0.88E-05	0.92E-05
56.2	18.1	0.13E-03	0.15E-03	206.9	13.9	0.58E-05	0.61E-05
58.9	17.8	0.29E-03	0.34E-03	209.6	13.8	0.57E-05	0.60E-05
61.7	17.6	0.80E-04	0.90E-04	212.4	13.8	0.14E-05	0.14E-05
64.4	17.5	0.20E-04	0.22E-04	215.1	13.7	0.18E-05	0.18E-05
67.1	17.4	0.43E-05	0.45E-05	217.8	13.6	0.60E-05	0.63E-05
69.9	17.3	0.60E-05	0.64E-05	220.6	13.5	0.62E-06	0.63E-06
72.6	16.8	0.14E-05	0.14E-05	223.3	13.5	0.14E-05	0.15E-05
75.3	16.5	0.13E-05	0.13E-05	226.1	13.5	0.43E-05	0.45E-05
78.1	16.4	0.44E-04	0.48E-04	228.8	13.5	0.24E-04	0.26E-04
80.8	16.3	0.86E-04	0.96E-04	231.5	13.7	0.83E-03	0.11E-02
83.6	16.3	0.26E-03	0.31E-03	234.3	13.6	0.20E-03	0.23E-03
86.3	16.3	0.13E-03	0.14E-03	237.0	13.6	0.38E-03	0.48E-03
89.1	16.3	0.18E-03	0.21E-03	239.8	13.6	0.60E-03	0.79E-03
91.8	16.3	0.24E-03	0.29E-03	242.5	13.6	0.99E-03	0.14E-02
94.5	16.3	0.45E-03	0.56E-03	245.2	13.6	0.14E-02	0.19E-02
97.3	16.3	0.25E-03	0.29E-03	248.0	13.6	0.24E-02	0.37E-02
100.0	16.3	0.32E-03	0.39E-03	250.7	13.6	0.17E-02	0.25E-02
102.8	16.3	0.87E-04	0.97E-04	253.4	13.6	0.25E-02	0.38E-02
105.5	16.2	0.15E-03	0.17E-03	256.2	13.6	0.75E-02	0.14E-01
108.2	16.0	0.85E-05	0.89E-05	258.9	13.7	0.22E-02	0.34E-02
111.0	16.0	0.26E-04	0.28E-04	261.7	13.7	0.32E-03	0.40E-03
113.7	15.9	0.36E-04	0.40E-04	264.4	13.6	0.12E-03	0.13E-03
116.5	15.8	0.16E-04	0.17E-04	267.1	13.6	0.19E-04	0.21E-04
119.2	15.8	0.38E-04	0.41E-04	269.9	13.6	0.26E-04	0.28E-04
121.9	15.8	0.34E-04	0.37E-04	272.6	13.6	0.49E-04	0.54E-04
124.7	15.8	0.19E-04	0.21E-04	275.4	13.6	0.89E-04	0.10E-03
127.4	15.7	0.68E-05	0.72E-05	278.1	13.6	0.94E-04	0.11E-03
130.1	15.6	0.20E-05	0.21E-05	280.9	13.5	0.62E-04	0.70E-04
132.9	15.5	0.43E-06	0.43E-06	283.6	13.4	0.12E-04	0.13E-04
135.6	15.4	0.12E-05	0.12E-05	286.3	13.4	0.31E-04	0.33E-04
138.4	15.3	0.12E-05	0.13E-05	289.1	13.3	0.24E-03	0.28E-03
141.1	15.3	0.29E-05	0.30E-05	291.8	13.3	0.21E-03	0.25E-03
143.9	15.3	0.64E-05	0.68E-05	294.5	13.3	0.41E-03	0.51E-03
146.6	15.3	0.34E-05	0.35E-05	297.3	13.3	0.27E-02	0.40E-02
149.3	15.2	0.19E-05	0.19E-05	300.0	13.3	0.39E-02	0.63E-02

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
302.8	13.3	0.32E-02	0.53E-02
305.5	13.3	0.58E-02	0.10E-01
308.3	13.3	0.65E-02	0.12E-01
311.0	13.3	0.57E-02	0.10E-01
313.7	13.3	0.76E-02	0.14E-01
316.5	13.3	0.31E-02	0.50E-02
319.2	13.3	0.35E-02	0.57E-02
322.0	13.3	0.23E-02	0.35E-02
324.7	13.3	0.49E-02	0.88E-02
327.4	13.3	0.34E-02	0.56E-02
330.2	13.3	0.24E-02	0.37E-02
332.9	13.3	0.28E-02	0.47E-02
335.6	13.3	0.70E-02	0.13E-01

mo 1051

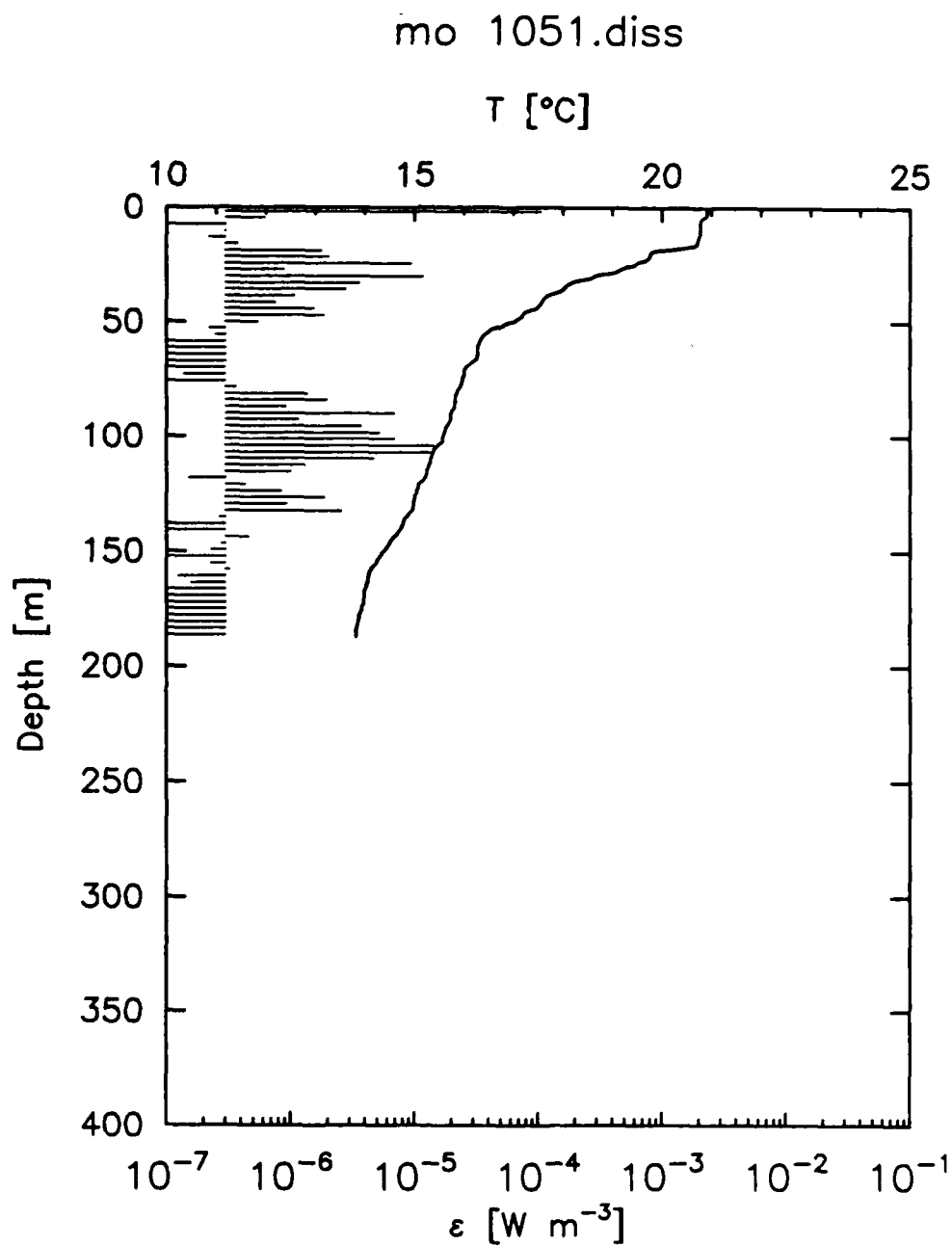
$\partial u / \partial z$ [sec⁻¹]



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.



35 45.58 6 18.34 Lat/Lon
23 SEP 1988 00:05 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

1051 XDP
 4 Site Number
 19882670005 23 SEP 1988 00:05 GMT
 19890471941 17 FEB 1989 19:41 GMT Digitized
 35 45.58 6 18.34 Lat/Lon
 385 Depth (m)
 1024 Sampling Rate
 0.2380 S P Sensitivity
 high Gain
 447 Temp Freq
 1 Deck Receiver
 SBL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.84 Drop Rate (m/s)

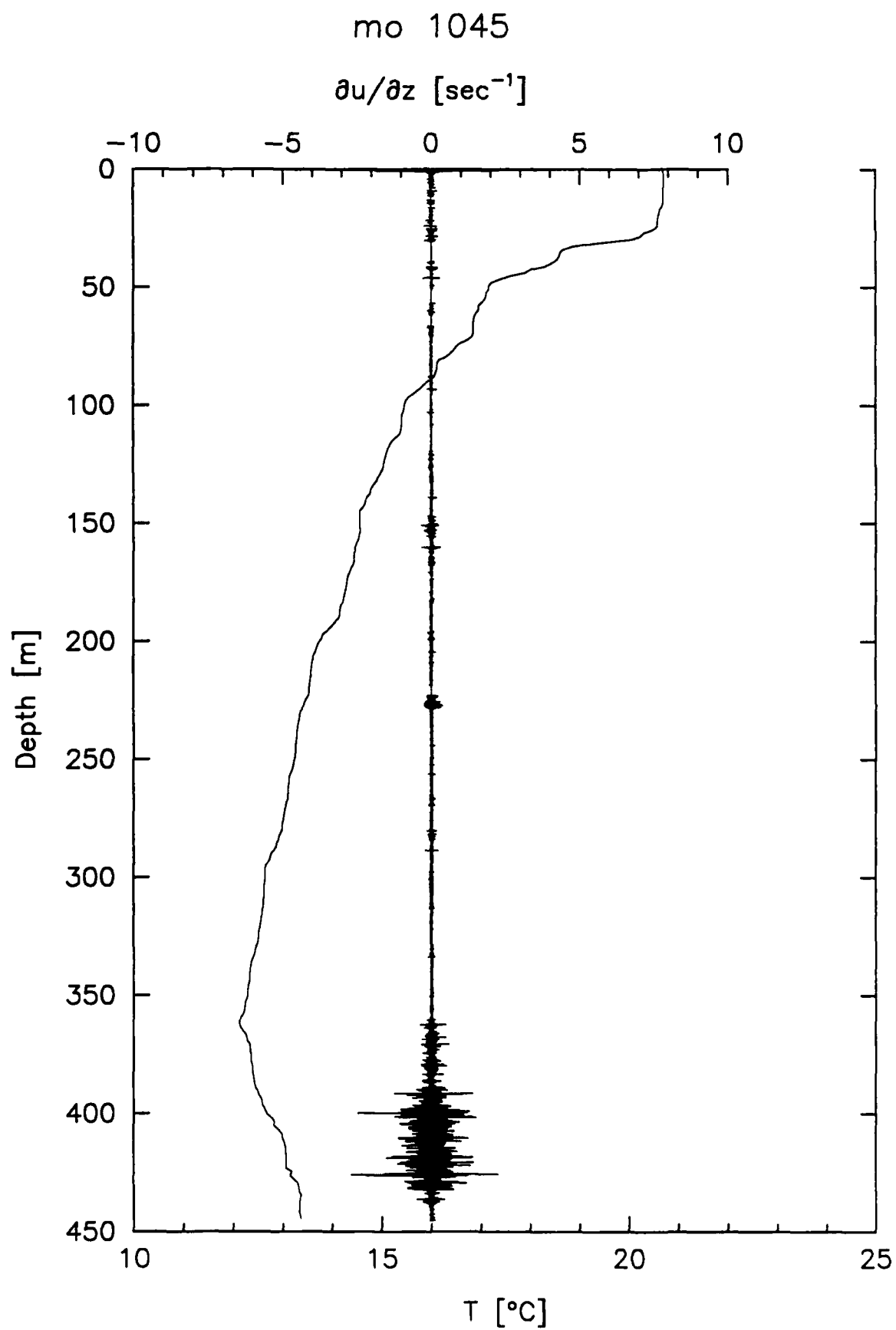
Depth (m)	Temp. (C)	Dissipation (W/m ³)	Corrected Dissipation (W/m ³)	Depth (m)	Temp. (C)	Dissipation (W/m ³)	Corrected Dissipation (W/m ³)
1.4	20.9	0.11E-03	0.12E-03	157.6	14.1	0.32E-06	0.32E-06
4.3	20.9	0.62E-06	0.63E-06	160.5	14.1	0.12E-06	0.13E-06
7.1	20.8	0.68E-07	0.69E-07	163.3	14.1	0.16E-06	0.16E-06
9.9	20.8	0.30E-06	0.30E-06	166.1	14.0	0.22E-07	0.23E-07
12.8	20.8	0.22E-06	0.22E-06	169.0	14.0	0.10E-07	0.10E-07
15.6	20.7	0.38E-06	0.38E-06	171.8	14.0	0.71E-08	0.72E-08
18.5	20.1	0.18E-05	0.18E-05	174.7	13.9	0.29E-08	0.29E-08
21.3	19.8	0.20E-05	0.21E-05	177.5	13.9	0.13E-07	0.13E-07
24.1	19.5	0.94E-05	0.99E-05	180.3	13.9	0.63E-08	0.64E-08
27.0	19.2	0.88E-06	0.90E-06	183.2	13.8	0.71E-08	0.72E-08
29.8	18.7	0.12E-04	0.12E-04	186.0	13.8	0.65E-08	0.66E-08
32.7	18.2	0.36E-05	0.37E-05				
35.5	18.0	0.28E-05	0.29E-05				
38.3	17.7	0.11E-05	0.11E-05				
41.2	17.6	0.76E-06	0.77E-06				
44.0	17.5	0.16E-05	0.16E-05				
46.9	17.2	0.19E-05	0.19E-05				
49.7	17.0	0.54E-06	0.55E-06				
52.5	16.7	0.22E-06	0.22E-06				
55.4	16.5	0.25E-06	0.25E-06				
58.2	16.3	0.79E-07	0.80E-07				
61.1	16.3	0.59E-07	0.60E-07				
63.9	16.3	0.95E-07	0.96E-07				
66.7	16.2	0.54E-07	0.54E-07				
69.6	16.1	0.49E-07	0.49E-07				
72.4	16.0	0.14E-06	0.14E-06				
75.3	16.0	0.82E-07	0.83E-07				
78.1	15.9	0.36E-06	0.37E-06				
80.9	15.9	0.14E-05	0.14E-05				
83.8	15.8	0.19E-05	0.20E-05				
86.6	15.8	0.91E-06	0.93E-06				
89.5	15.7	0.68E-05	0.72E-05				
92.3	15.7	0.11E-05	0.12E-05				
95.1	15.7	0.37E-05	0.38E-05				
98.0	15.6	0.53E-05	0.55E-05				
100.8	15.6	0.69E-05	0.72E-05				
103.7	15.5	0.15E-04	0.15E-04				
106.5	15.4	0.13E-04	0.14E-04				
109.3	15.3	0.47E-05	0.49E-05				
112.2	15.3	0.13E-05	0.13E-05				
115.0	15.3	0.10E-05	0.10E-05				
117.9	15.2	0.15E-06	0.15E-06				
120.7	15.1	0.42E-06	0.43E-06				
123.5	15.0	0.83E-06	0.85E-06				
126.4	15.0	0.19E-05	0.19E-05				
129.2	15.0	0.93E-06	0.95E-06				
132.1	14.9	0.26E-05	0.26E-05				
134.9	14.8	0.27E-06	0.27E-06				
137.7	14.8	0.58E-07	0.59E-07				
140.6	14.7	0.63E-07	0.63E-07				
143.4	14.6	0.46E-06	0.46E-06				
146.3	14.5	0.28E-06	0.28E-06				
149.1	14.4	0.23E-06	0.23E-06				
151.9	14.3	0.64E-07	0.65E-07				
154.8	14.2	0.23E-06	0.23E-06				

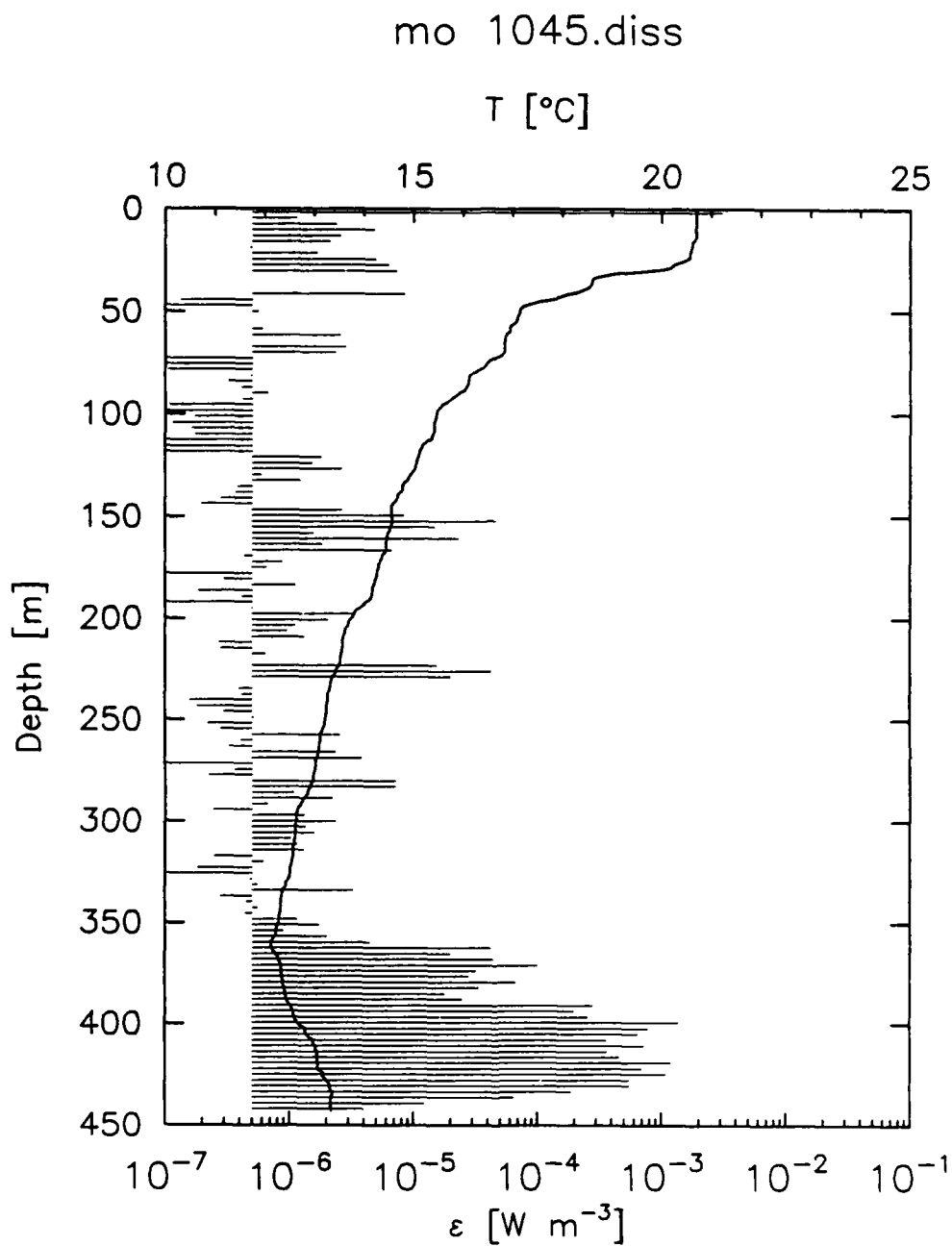
Bottom Salinity = 38.071

Appendix F:
Tables and Profiles
of
Dissipation Rates and Temperature
Section C

SECTION C

Station -----	Time -----	Location -----	XDP ---
4	23 SEP 1988 04:47 GMT	35 44.98 6 29.57	1045
4	23 SEP 1988 05:00 GMT	35 44.58 6 30.05	704
4	23 SEP 1988 22:31 GMT	35 44.57 6 29.94	1049
4	23 SEP 1988 22:48 GMT	35 44.50 6 30.21	804
4	27 SEP 1988 21:51 GMT	35 45.29 6 29.16	821
4	27 SEP 1988 21:54 GMT	35 45.35 6 29.15	1060
5	23 SEP 1988 05:56 GMT	35 46.47 6 29.33	815
6	23 SEP 1988 06:56 GMT	35 49.49 6 27.05	1058
6	23 SEP 1988 06:58 GMT	35 49.41 6 27.15	1018
7	23 SEP 1988 08:13 GMT	35 50.98 6 27.39	1038
8	23 SEP 1988 09:19 GMT	35 54.52 6 27.27	1053
8	23 SEP 1988 09:22 GMT	35 54.30 6 27.41	1039





35 44.98 6 29.57 Lat/Lon
 23 SEP 1988 04:47 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

1045 XDP
 4 Site Number
 19882670447 23 SEP 1988 04:47 GMT
 19890471951 17 FEB 1989 19:51 GMT Digitized
 35 44.98 6 29.57 Lat/Lon
 485 Depth (m)
 1024 Sampling Rate
 0.2080 S P Sensitivity
 high Gain
 449 Temp Freq
 1 Deck Receiver
 SBL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.84 Drop Rate (m/s)

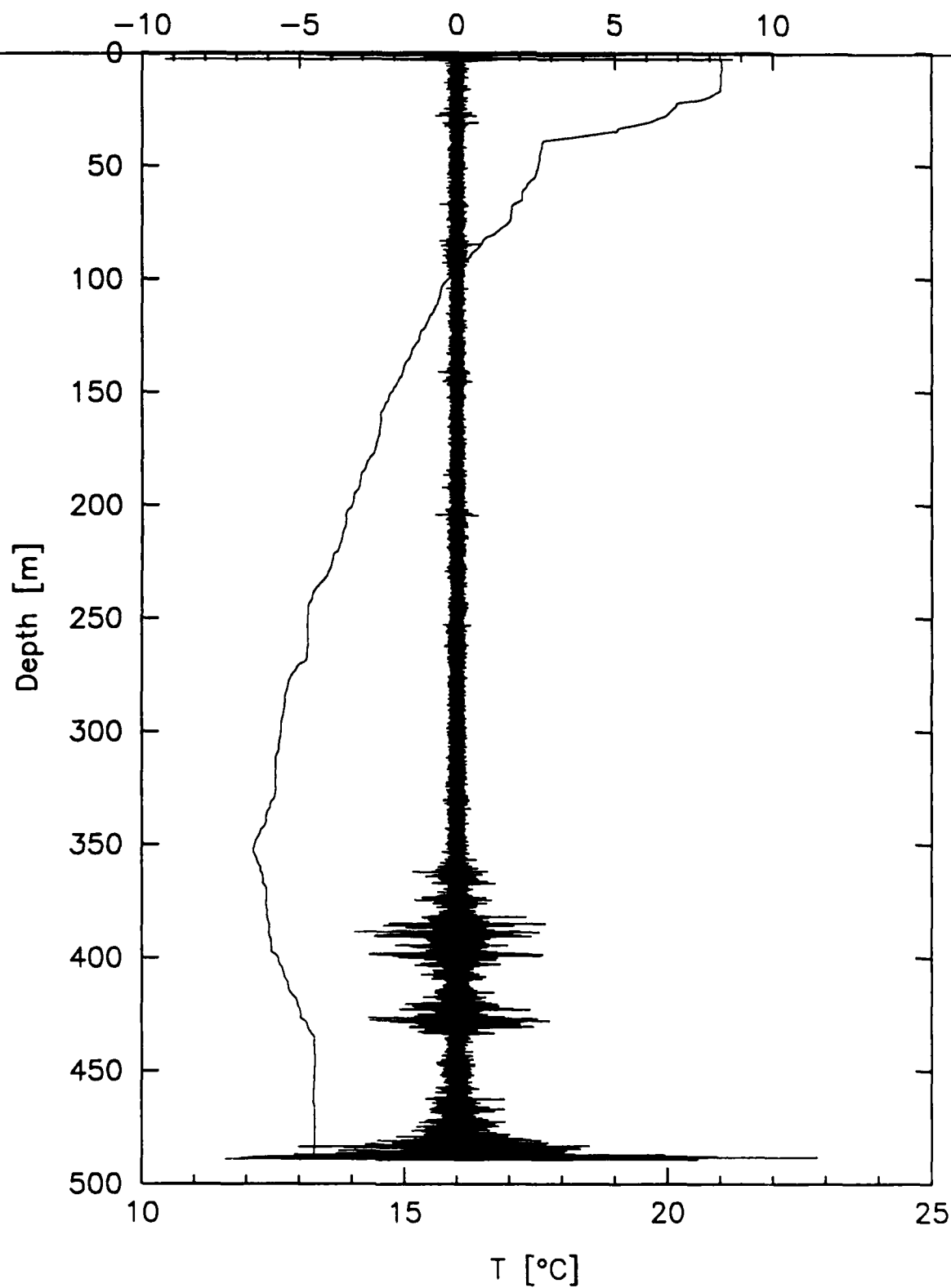
Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	20.7	0.30E-02	0.50E-02	157.6	14.5	0.15E-05	0.16E-05
4.3	20.7	0.11E-05	0.12E-05	160.5	14.5	0.23E-04	0.25E-04
7.1	20.7	0.24E-05	0.24E-05	163.3	14.4	0.18E-05	0.19E-05
9.9	20.7	0.48E-05	0.50E-05	166.1	14.4	0.66E-05	0.69E-05
12.8	20.7	0.26E-05	0.27E-05	169.0	14.4	0.43E-06	0.43E-06
15.6	20.7	0.21E-05	0.22E-05	171.8	14.3	0.86E-06	0.88E-06
18.5	20.6	0.48E-06	0.49E-06	174.7	14.3	0.65E-06	0.66E-06
21.3	20.6	0.17E-05	0.17E-05	177.5	14.3	0.93E-07	0.94E-07
24.1	20.5	0.49E-05	0.51E-05	180.3	14.2	0.30E-06	0.30E-06
27.0	20.3	0.63E-05	0.66E-05	183.2	14.2	0.11E-05	0.11E-05
29.8	19.8	0.73E-05	0.77E-05	186.0	14.2	0.19E-06	0.19E-06
32.7	18.8	0.00E+00	0.00E+00	188.9	14.2	0.42E-06	0.42E-06
35.5	18.6	0.00E+00	0.00E+00	191.7	14.1	0.10E-06	0.10E-06
38.3	18.5	0.00E+00	0.00E+00	194.5	13.9	0.50E-06	0.51E-06
41.2	18.2	0.84E-05	0.88E-05	197.4	13.8	0.32E-05	0.33E-05
44.0	17.8	0.13E-06	0.13E-06	200.2	13.7	0.20E-05	0.21E-05
46.9	17.3	0.48E-07	0.49E-07	203.1	13.7	0.11E-05	0.11E-05
49.7	17.2	0.56E-06	0.57E-06	205.9	13.6	0.95E-06	0.97E-06
52.5	17.1	0.00E+00	0.00E+00	208.7	13.6	0.13E-05	0.13E-05
55.4	17.0	0.00E+00	0.00E+00	211.6	13.6	0.27E-06	0.28E-06
58.2	17.0	0.60E-06	0.61E-06	214.4	13.6	0.28E-06	0.28E-06
61.1	16.9	0.26E-05	0.27E-05	217.3	13.6	0.64E-06	0.65E-06
63.9	16.8	0.00E+00	0.00E+00	220.1	13.5	0.00E+00	0.00E+00
66.7	16.8	0.28E-05	0.29E-05	222.9	13.5	0.15E-04	0.16E-04
69.6	16.8	0.23E-05	0.24E-05	225.8	13.4	0.42E-04	0.46E-04
72.4	16.7	0.65E-07	0.66E-07	228.6	13.4	0.20E-04	0.21E-04
75.3	16.5	0.30E-07	0.30E-07	231.5	13.3	0.50E-06	0.51E-06
78.1	16.4	0.11E-06	0.11E-06	234.3	13.3	0.40E-06	0.40E-06
80.9	16.2	0.49E-06	0.50E-06	237.1	13.3	0.42E-06	0.42E-06
83.8	16.1	0.32E-06	0.33E-06	240.0	13.3	0.16E-06	0.16E-06
86.6	16.1	0.41E-06	0.41E-06	242.8	13.3	0.18E-06	0.18E-06
89.5	15.9	0.67E-06	0.68E-06	245.7	13.3	0.30E-06	0.30E-06
92.3	15.8	0.42E-06	0.43E-06	248.5	13.2	0.52E-06	0.53E-06
95.1	15.6	0.11E-06	0.11E-06	251.3	13.2	0.22E-06	0.22E-06
98.0	15.5	0.25E-07	0.25E-07	254.2	13.2	0.28E-06	0.28E-06
100.8	15.5	0.17E-06	0.17E-06	257.0	13.1	0.25E-05	0.26E-05
103.7	15.4	0.11E-06	0.12E-06	259.9	13.1	0.41E-06	0.41E-06
106.5	15.4	0.16E-06	0.17E-06	262.7	13.1	0.33E-06	0.33E-06
109.3	15.4	0.17E-06	0.18E-06	265.5	13.1	0.23E-05	0.24E-05
112.2	15.3	0.34E-07	0.35E-07	268.4	13.1	0.38E-05	0.40E-05
115.0	15.2	0.41E-07	0.41E-07	271.2	13.0	0.85E-07	0.86E-07
117.9	15.1	0.10E-06	0.10E-06	274.1	13.0	0.36E-06	0.37E-06
120.7	15.1	0.18E-05	0.18E-05	276.9	13.0	0.22E-06	0.23E-06
123.5	15.1	0.15E-05	0.15E-05	279.7	13.0	0.72E-05	0.75E-05
126.4	15.0	0.26E-05	0.27E-05	282.6	12.9	0.72E-05	0.75E-05
129.2	14.9	0.59E-06	0.60E-06	285.4	12.9	0.11E-05	0.11E-05
132.1	14.9	0.12E-05	0.12E-05	288.3	12.8	0.22E-05	0.23E-05
134.9	14.8	0.38E-06	0.39E-06	291.1	12.7	0.66E-06	0.67E-06
137.7	14.7	0.37E-06	0.37E-06	293.9	12.7	0.24E-06	0.25E-06
140.6	14.7	0.28E-06	0.28E-06	296.8	12.6	0.13E-05	0.13E-05
143.4	14.6	0.20E-06	0.20E-06	299.6	12.6	0.23E-05	0.24E-05
146.3	14.6	0.26E-05	0.27E-05	302.5	12.6	0.14E-05	0.14E-05
149.1	14.6	0.83E-05	0.87E-05	305.3	12.6	0.16E-05	0.16E-05
151.9	14.6	0.46E-04	0.50E-04	308.1	12.6	0.10E-05	0.11E-05
154.8	14.5	0.15E-04	0.16E-04	311.0	12.6	0.12E-05	0.12E-05

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
313.8	12.6	0.13E-05	0.13E-05
316.7	12.6	0.25E-06	0.25E-06
319.5	12.6	0.62E-06	0.63E-06
322.3	12.5	0.18E-06	0.18E-06
325.2	12.5	0.44E-07	0.45E-07
328.0	12.5	0.48E-06	0.48E-06
330.9	12.4	0.55E-06	0.56E-06
333.7	12.4	0.33E-05	0.34E-05
336.5	12.3	0.28E-06	0.28E-06
339.4	12.3	0.45E-06	0.46E-06
342.2	12.3	0.55E-06	0.57E-06
345.1	12.3	0.44E-06	0.45E-06
347.9	12.3	0.11E-05	0.12E-05
350.7	12.3	0.17E-05	0.18E-05
353.6	12.2	0.89E-06	0.91E-06
356.4	12.2	0.20E-05	0.21E-05
359.3	12.1	0.44E-05	0.46E-05
362.1	12.1	0.42E-04	0.46E-04
364.9	12.2	0.20E-04	0.22E-04
367.8	12.3	0.44E-04	0.48E-04
370.6	12.3	0.10E-03	0.11E-03
373.5	12.3	0.32E-04	0.35E-04
376.3	12.4	0.28E-04	0.30E-04
379.1	12.4	0.67E-04	0.75E-04
382.0	12.4	0.34E-04	0.37E-04
384.8	12.4	0.18E-04	0.19E-04
387.7	12.4	0.24E-04	0.26E-04
390.5	12.5	0.28E-03	0.33E-03
393.3	12.6	0.20E-03	0.23E-03
396.2	12.6	0.26E-03	0.31E-03
399.0	12.7	0.14E-02	0.19E-02
401.9	12.8	0.79E-03	0.10E-02
404.7	12.8	0.64E-03	0.85E-03
407.5	12.9	0.36E-03	0.45E-03
410.4	13.0	0.73E-03	0.96E-03
413.2	13.0	0.36E-03	0.45E-03
416.1	13.1	0.46E-03	0.57E-03
418.9	13.1	0.12E-02	0.17E-02
421.7	13.1	0.69E-03	0.91E-03
424.6	13.2	0.11E-02	0.15E-02
427.4	13.2	0.55E-03	0.69E-03
430.3	13.3	0.56E-03	0.74E-03
433.1	13.3	0.19E-03	0.23E-03
435.9	13.3	0.66E-04	0.74E-04
438.8	13.3	0.12E-04	0.13E-04
441.6	13.3	0.40E-05	0.42E-05

Bottom Salinity = 37.897

mo 0704

$\partial u / \partial z$ [sec⁻¹]



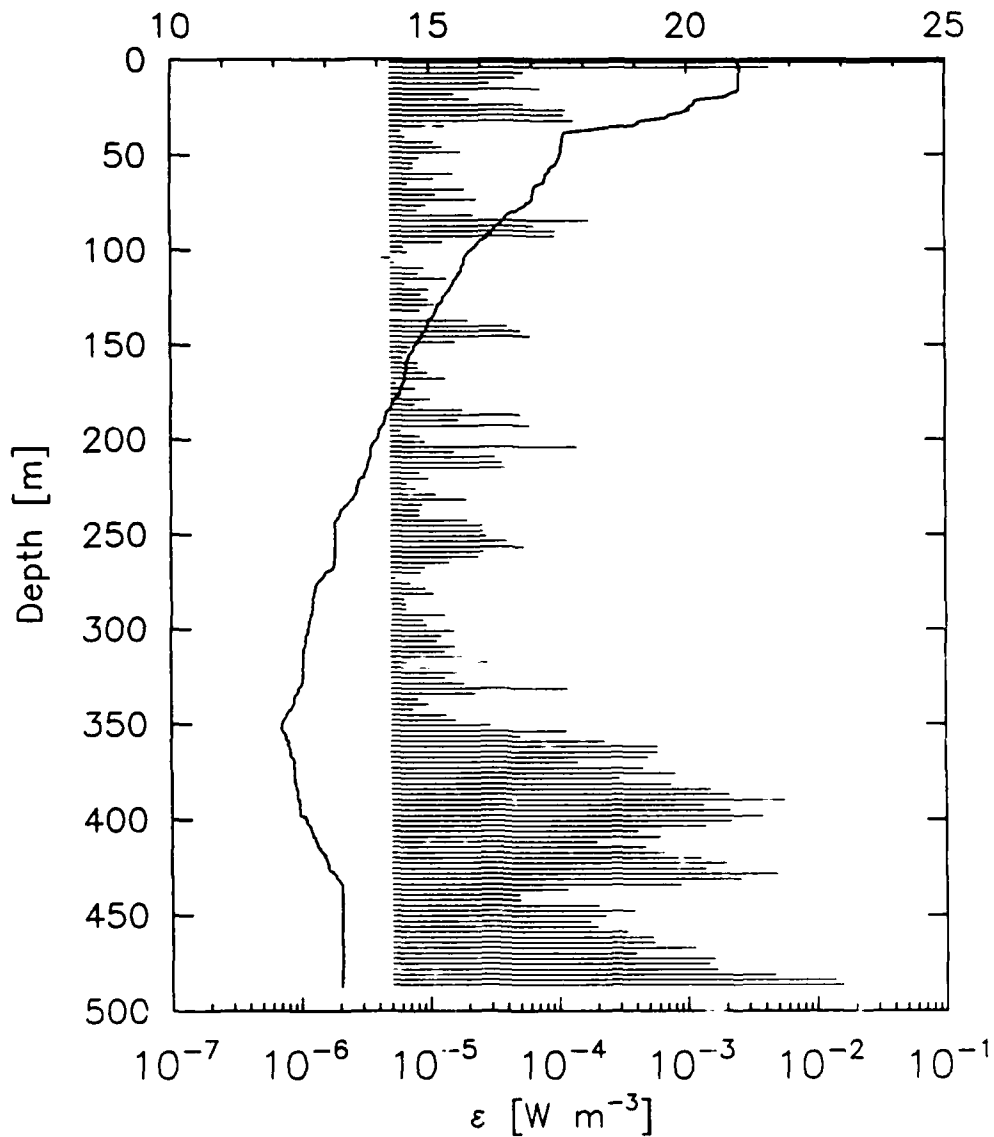
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temp lowpass: 3.

mo 0704.diss

T [°C]



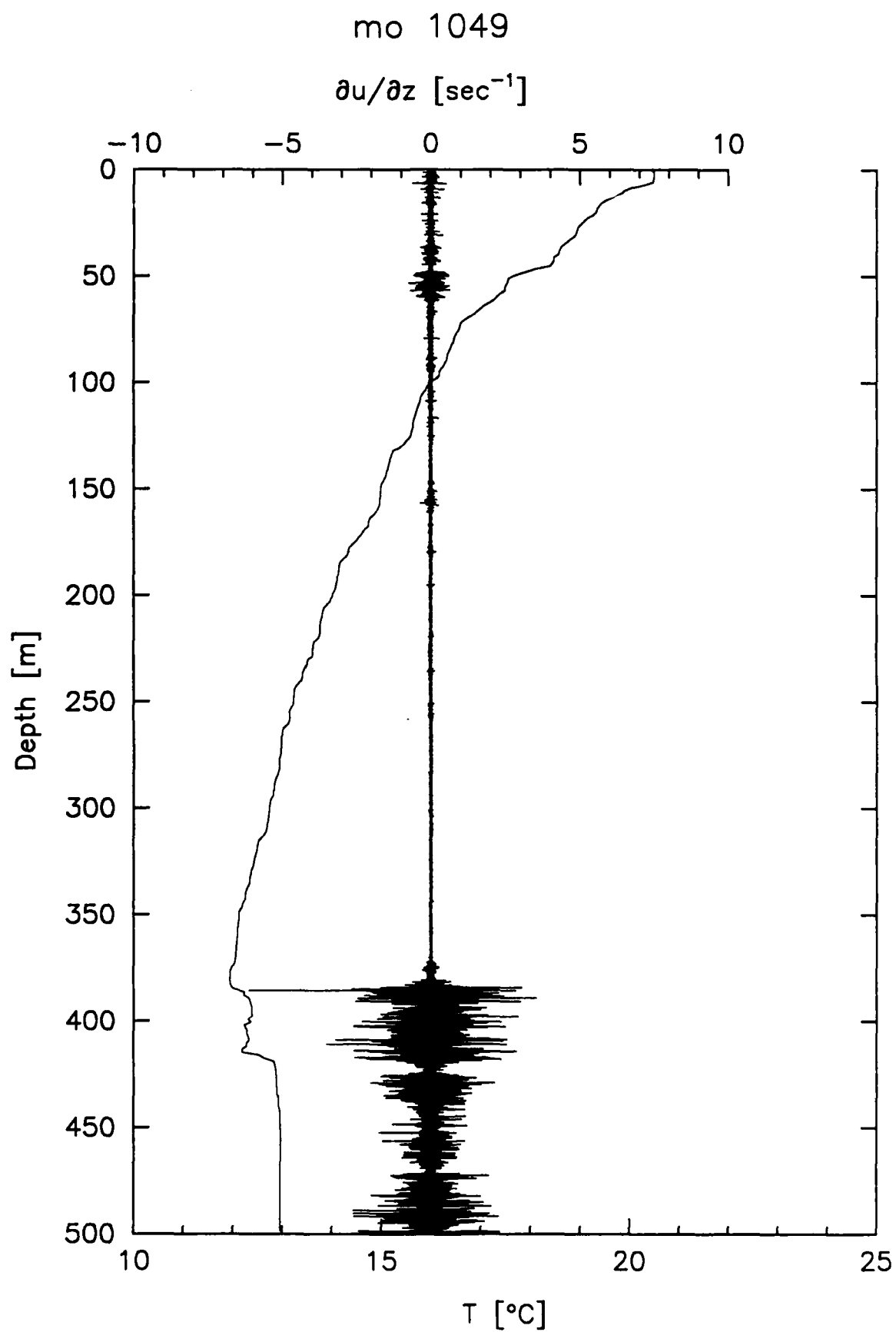
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Ratio for high frequency cutoff: 0.75

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 490 Depth (m)
 1024 Sampling Rate
 0.1883 S P Sensitivity
 low Gain
 451 Temp Freq
 1 Deck Receiver
 SBL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.77 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	21.0	0.11E+00	0.20E+00	153.7	14.7	0.69E-05	0.72E-05
4.2	21.0	0.44E-02	0.72E-02	156.5	14.6	0.62E-05	0.66E-05
6.9	21.0	0.55E-04	0.60E-04	159.3	14.6	0.82E-05	0.86E-05
9.7	21.0	0.47E-04	0.52E-04	162.0	14.6	0.81E-05	0.85E-05
12.5	21.0	0.30E-04	0.32E-04	164.8	14.5	0.96E-05	0.10E-04
15.2	21.0	0.74E-04	0.83E-04	167.6	14.5	0.13E-04	0.14E-04
18.0	20.9	0.16E-04	0.17E-04	170.4	14.5	0.56E-05	0.59E-05
20.8	20.5	0.21E-04	0.22E-04	173.1	14.5	0.78E-05	0.82E-05
23.5	20.1	0.55E-04	0.60E-04	175.9	14.4	0.58E-05	0.61E-05
26.3	20.0	0.12E-03	0.13E-03	178.7	14.3	0.10E-04	0.11E-04
29.1	19.8	0.11E-03	0.13E-03	181.4	14.3	0.77E-05	0.81E-05
31.9	19.3	0.13E-03	0.15E-03	184.2	14.2	0.18E-04	0.19E-04
34.6	18.9	0.13E-04	0.14E-04	187.0	14.2	0.51E-04	0.56E-04
37.4	18.0	0.61E-05	0.65E-05	189.7	14.1	0.17E-04	0.18E-04
40.2	17.6	0.66E-05	0.69E-05	192.5	14.1	0.60E-04	0.68E-04
42.9	17.6	0.11E-04	0.12E-04	195.3	14.0	0.61E-05	0.64E-05
45.7	17.6	0.13E-04	0.14E-04	198.1	14.0	0.86E-05	0.90E-05
48.5	17.6	0.18E-04	0.19E-04	200.8	14.0	0.93E-05	0.98E-05
51.2	17.5	0.85E-05	0.89E-05	203.6	13.9	0.14E-03	0.16E-03
54.0	17.5	0.76E-05	0.80E-05	206.4	13.9	0.16E-04	0.17E-04
56.8	17.4	0.76E-05	0.80E-05	209.1	13.9	0.32E-04	0.36E-04
59.6	17.3	0.16E-04	0.17E-04	211.9	13.8	0.37E-04	0.40E-04
62.3	17.3	0.11E-04	0.12E-04	214.7	13.8	0.39E-04	0.43E-04
65.1	17.2	0.69E-05	0.73E-05	217.4	13.8	0.84E-05	0.89E-05
67.9	17.1	0.19E-04	0.21E-04	220.2	13.7	0.98E-05	0.10E-04
70.6	17.0	0.11E-04	0.12E-04	223.0	13.6	0.67E-05	0.70E-05
73.4	17.0	0.24E-04	0.26E-04	225.8	13.6	0.79E-05	0.83E-05
76.2	16.9	0.97E-05	0.10E-04	228.5	13.6	0.11E-04	0.12E-04
78.9	16.8	0.82E-05	0.86E-05	231.3	13.5	0.19E-04	0.21E-04
81.7	16.5	0.22E-04	0.24E-04	234.1	13.4	0.87E-05	0.92E-05
84.5	16.5	0.18E-03	0.20E-03	236.8	13.3	0.83E-05	0.88E-05
87.3	16.3	0.66E-04	0.75E-04	239.6	13.3	0.83E-05	0.88E-05
90.0	16.2	0.97E-04	0.11E-03	242.4	13.2	0.20E-04	0.21E-04
92.8	16.1	0.95E-04	0.11E-03	245.1	13.2	0.26E-04	0.28E-04
95.6	16.0	0.13E-04	0.14E-04	247.9	13.2	0.26E-04	0.28E-04
98.3	15.9	0.63E-05	0.66E-05	250.7	13.2	0.28E-04	0.30E-04
101.1	15.8	0.68E-05	0.71E-05	253.5	13.2	0.40E-04	0.44E-04
103.9	15.7	0.43E-05	0.44E-05	256.2	13.2	0.55E-04	0.60E-04
106.6	15.7	0.54E-05	0.57E-05	259.0	13.2	0.26E-04	0.28E-04
109.4	15.6	0.91E-05	0.96E-05	261.8	13.2	0.24E-04	0.26E-04
112.2	15.6	0.83E-05	0.87E-05	264.5	13.2	0.14E-04	0.15E-04
115.0	15.5	0.14E-04	0.15E-04	267.3	13.1	0.92E-05	0.97E-05
117.7	15.5	0.65E-05	0.68E-05	270.1	13.0	0.85E-05	0.89E-05
120.5	15.4	0.99E-05	0.11E-04	272.8	12.9	0.54E-05	0.57E-05
123.3	15.3	0.87E-05	0.92E-05	275.6	12.8	0.71E-05	0.75E-05
126.0	15.3	0.10E-04	0.11E-04	278.4	12.8	0.93E-05	0.98E-05
128.8	15.2	0.11E-04	0.12E-04	281.2	12.8	0.11E-04	0.11E-04
131.6	15.1	0.86E-05	0.91E-05	283.9	12.7	0.64E-05	0.67E-05
134.3	15.1	0.50E-05	0.53E-05	286.7	12.7	0.65E-05	0.68E-05
137.1	15.0	0.20E-04	0.22E-04	289.5	12.7	0.66E-05	0.69E-05
139.9	15.0	0.41E-04	0.45E-04	292.2	12.7	0.13E-04	0.14E-04
142.7	14.9	0.52E-04	0.57E-04	295.0	12.7	0.88E-05	0.92E-05
145.4	14.9	0.62E-04	0.69E-04	297.8	12.7	0.94E-05	0.99E-05
148.2	14.8	0.16E-04	0.17E-04	300.5	12.7	0.16E-04	0.17E-04
151.0	14.7	0.72E-05	0.76E-05	303.3	12.6	0.12E-04	0.13E-04

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
306.1	12.6	0.11E-04	0.12E-04
308.9	12.6	0.16E-04	0.17E-04
311.6	12.6	0.13E-04	0.14E-04
314.4	12.6	0.18E-04	0.20E-04
317.2	12.6	0.28E-04	0.30E-04
319.9	12.6	0.16E-04	0.17E-04
322.7	12.5	0.17E-04	0.18E-04
325.5	12.5	0.13E-04	0.14E-04
328.2	12.5	0.19E-04	0.20E-04
331.0	12.5	0.12E-03	0.13E-03
333.8	12.4	0.23E-04	0.24E-04
336.6	12.4	0.81E-05	0.85E-05
339.3	12.4	0.98E-05	0.10E-04
342.1	12.3	0.74E-05	0.78E-05
344.9	12.2	0.14E-04	0.14E-04
347.6	12.2	0.16E-04	0.17E-04
350.4	12.1	0.29E-04	0.31E-04
353.2	12.1	0.12E-03	0.13E-03
355.9	12.2	0.50E-04	0.55E-04
358.7	12.2	0.23E-03	0.27E-03
361.5	12.3	0.59E-03	0.78E-03
364.3	12.3	0.59E-03	0.78E-03
367.0	12.3	0.50E-03	0.62E-03
369.8	12.4	0.14E-03	0.16E-03
372.6	12.4	0.45E-03	0.56E-03
375.3	12.4	0.80E-03	0.10E-02
378.1	12.4	0.29E-03	0.35E-03
380.9	12.4	0.74E-03	0.97E-03
383.6	12.4	0.15E-02	0.21E-02
386.4	12.4	0.21E-02	0.32E-02
389.2	12.4	0.56E-02	0.10E-01
392.0	12.5	0.13E-02	0.19E-02
394.7	12.5	0.21E-02	0.32E-02
397.5	12.5	0.38E-02	0.62E-02
400.3	12.6	0.22E-02	0.33E-02
403.0	12.6	0.14E-02	0.19E-02
405.8	12.7	0.41E-03	0.51E-03
408.6	12.7	0.61E-03	0.80E-03
411.3	12.8	0.20E-03	0.24E-03
414.1	12.8	0.47E-03	0.59E-03
416.9	12.9	0.66E-03	0.87E-03
419.7	13.0	0.13E-02	0.18E-02
422.4	13.0	0.20E-02	0.30E-02
425.2	13.0	0.14E-02	0.19E-02
428.0	13.1	0.49E-02	0.90E-02
430.7	13.2	0.26E-02	0.39E-02
433.5	13.3	0.87E-03	0.11E-02
436.3	13.3	0.12E-03	0.13E-03
439.0	13.3	0.49E-04	0.54E-04
441.8	13.3	0.49E-04	0.54E-04
444.6	13.3	0.20E-03	0.24E-03
447.4	13.3	0.38E-03	0.47E-03
450.1	13.3	0.23E-03	0.27E-03
452.9	13.3	0.17E-03	0.20E-03
455.7	13.3	0.20E-03	0.23E-03
458.4	13.3	0.33E-03	0.42E-03
461.2	13.3	0.53E-03	0.66E-03
464.0	13.3	0.54E-03	0.68E-03
466.7	13.3	0.11E-02	0.16E-02
469.5	13.3	0.39E-03	0.49E-03
472.3	13.3	0.16E-02	0.24E-02
475.1	13.3	0.15E-02	0.21E-02
477.8	13.3	0.17E-02	0.26E-02
480.6	13.3	0.47E-02	0.86E-02
483.4	13.3	0.14E-01	0.25E-01
486.1	13.3	0.16E-01	0.29E-01

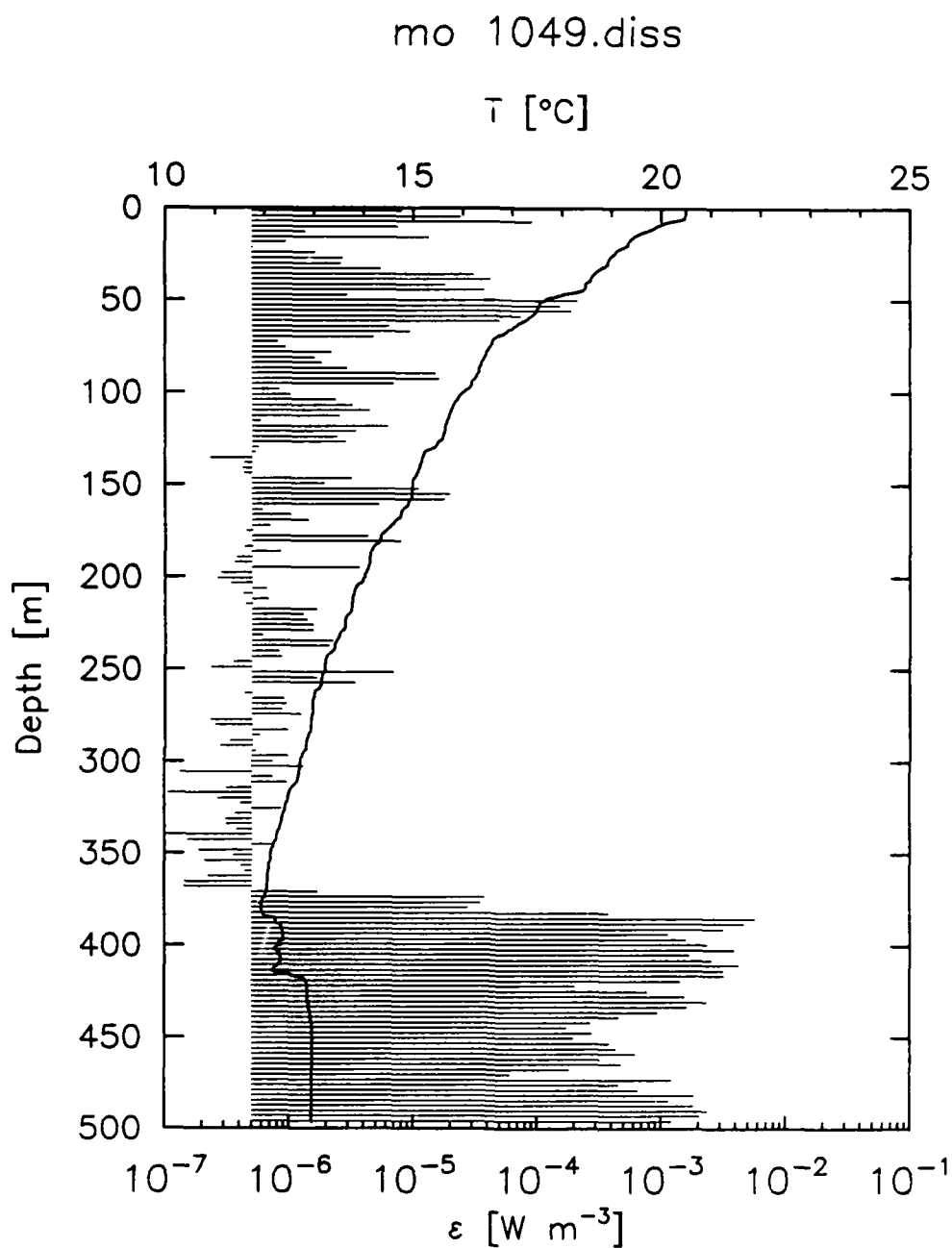
Bottom Salinity = 37.897



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.



35 44.57 6 29.94 Lat/Lon
 23 SEP 1988 22:31 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

1049 XDP
 4 Site Number
 19882672231 23 SEP 1988 22:31 GMT
 19890501936 20 FEB 1989 19:36 GMT Digitized
 35 44.57 6 29.94 Lat/Lon
 472 Depth (m)
 1024 Sampling Rate
 0.2600 S P Sensitivity
 high Gain
 442 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.84 Drop Rate (m/s)

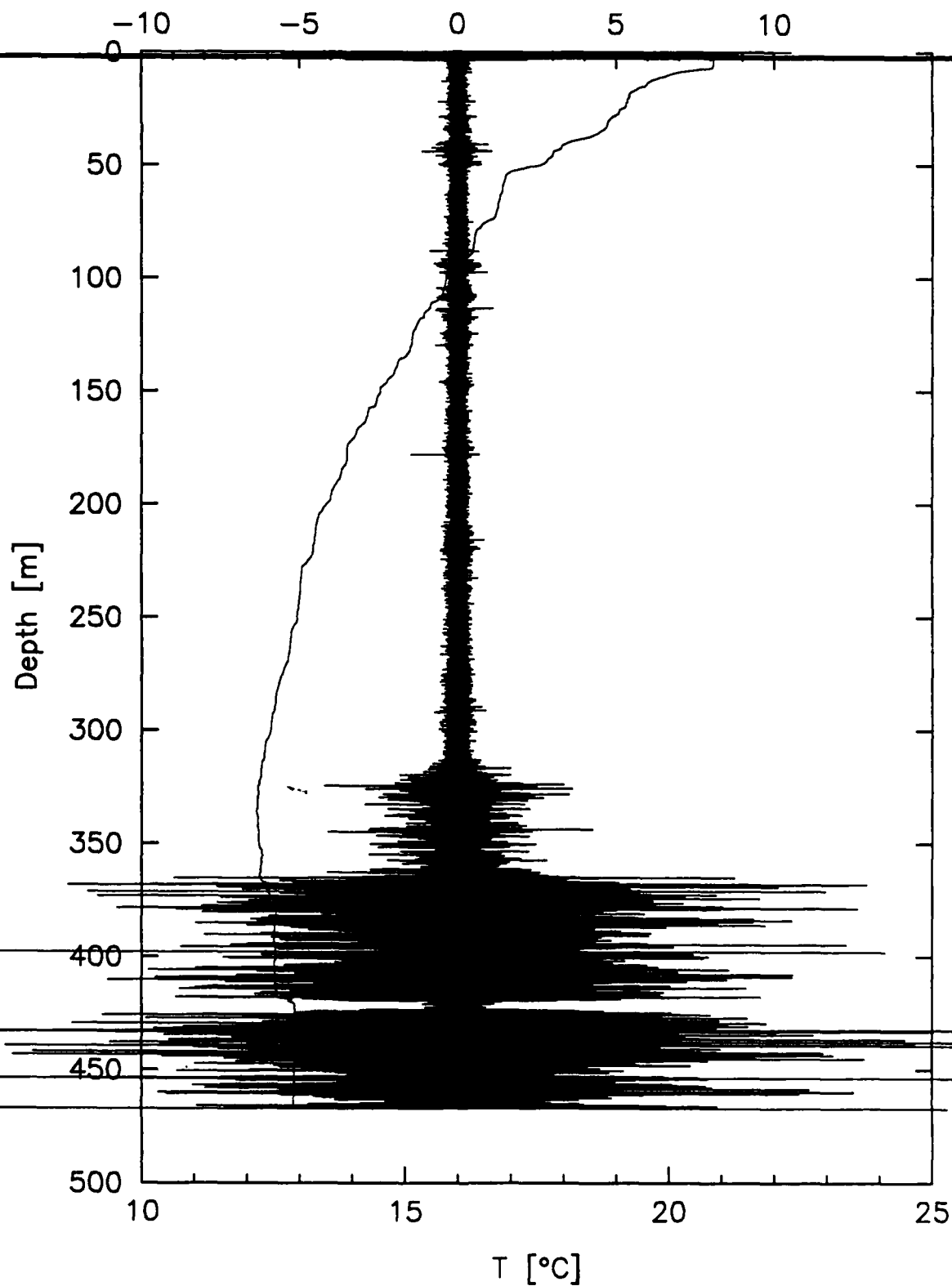
Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	20.5	0.80E-05	0.84E-05	157.6	14.9	0.18E-04	0.19E-04
4.3	20.5	0.24E-04	0.26E-04	160.5	14.9	0.52E-05	0.55E-05
7.1	20.2	0.90E-04	0.10E-03	163.3	14.8	0.61E-06	0.62E-06
9.9	19.9	0.74E-05	0.78E-05	166.1	14.8	0.10E-05	0.10E-05
12.8	19.7	0.13E-05	0.14E-05	169.0	14.7	0.14E-05	0.14E-05
15.6	19.4	0.13E-04	0.14E-04	171.8	14.6	0.69E-06	0.71E-06
18.5	19.4	0.93E-06	0.95E-06	174.7	14.5	0.45E-06	0.46E-06
21.3	19.2	0.51E-06	0.52E-06	177.5	14.4	0.43E-05	0.44E-05
24.1	19.1	0.16E-05	0.17E-05	180.3	14.3	0.78E-05	0.83E-05
27.0	19.0	0.27E-05	0.28E-05	183.2	14.2	0.44E-06	0.44E-06
29.8	18.9	0.26E-05	0.27E-05	186.0	14.2	0.84E-06	0.85E-06
32.7	18.8	0.55E-05	0.57E-05	188.9	14.1	0.38E-06	0.38E-06
35.5	18.7	0.31E-04	0.33E-04	191.7	14.1	0.37E-06	0.37E-06
38.3	18.6	0.42E-04	0.46E-04	194.5	14.1	0.37E-05	0.38E-05
41.2	18.5	0.18E-04	0.19E-04	197.4	14.1	0.28E-06	0.29E-06
44.0	18.4	0.37E-04	0.41E-04	200.2	14.0	0.26E-06	0.27E-06
46.9	18.0	0.29E-05	0.30E-05	203.1	14.0	0.34E-06	0.35E-06
49.7	17.7	0.21E-03	0.25E-03	205.9	13.8	0.66E-06	0.67E-06
52.5	17.5	0.15E-03	0.17E-03	208.7	13.8	0.43E-06	0.43E-06
55.4	17.5	0.19E-03	0.22E-03	211.6	13.8	0.68E-06	0.69E-06
58.2	17.4	0.74E-04	0.83E-04	214.4	13.8	0.45E-06	0.45E-06
61.1	17.2	0.49E-04	0.54E-04	217.3	13.8	0.17E-05	0.17E-05
63.9	17.1	0.63E-05	0.67E-05	220.1	13.7	0.13E-05	0.13E-05
66.7	16.9	0.93E-05	0.98E-05	222.9	13.6	0.14E-05	0.14E-05
69.6	16.7	0.47E-05	0.49E-05	225.8	13.6	0.15E-05	0.16E-05
72.4	16.6	0.80E-06	0.82E-06	228.6	13.6	0.15E-05	0.16E-05
75.3	16.6	0.93E-06	0.95E-06	231.5	13.5	0.60E-06	0.61E-06
78.1	16.5	0.22E-05	0.23E-05	234.3	13.5	0.22E-05	0.23E-05
80.9	16.4	0.16E-05	0.16E-05	237.1	13.4	0.21E-05	0.22E-05
83.8	16.4	0.18E-05	0.19E-05	240.0	13.4	0.82E-06	0.84E-06
86.6	16.3	0.29E-05	0.30E-05	242.8	13.3	0.87E-06	0.89E-06
89.5	16.3	0.15E-04	0.16E-04	245.7	13.2	0.36E-06	0.36E-06
92.3	16.2	0.16E-04	0.17E-04	248.5	13.2	0.24E-06	0.24E-06
95.1	16.2	0.69E-05	0.73E-05	251.3	13.2	0.69E-05	0.72E-05
98.0	16.1	0.82E-06	0.84E-06	254.2	13.2	0.17E-05	0.17E-05
100.8	16.0	0.10E-05	0.10E-05	257.0	13.1	0.34E-05	0.35E-05
103.7	15.9	0.24E-05	0.24E-05	259.9	13.1	0.50E-06	0.51E-06
106.5	15.8	0.32E-05	0.33E-05	262.7	13.0	0.44E-06	0.44E-06
109.3	15.8	0.44E-05	0.46E-05	265.5	13.0	0.91E-06	0.92E-06
112.2	15.7	0.25E-05	0.26E-05	268.4	13.0	0.94E-06	0.96E-06
115.0	15.7	0.58E-06	0.60E-06	271.2	13.0	0.87E-06	0.89E-06
117.9	15.6	0.62E-05	0.65E-05	274.1	13.0	0.12E-05	0.13E-05
120.7	15.6	0.34E-05	0.36E-05	276.9	12.9	0.23E-06	0.24E-06
123.5	15.6	0.24E-05	0.25E-05	279.7	12.9	0.25E-06	0.26E-06
126.4	15.5	0.28E-05	0.29E-05	282.6	12.9	0.97E-06	0.99E-06
129.2	15.4	0.56E-06	0.57E-06	285.4	12.9	0.57E-06	0.59E-06
132.1	15.3	0.54E-06	0.55E-06	288.3	12.8	0.33E-06	0.34E-06
134.9	15.2	0.23E-06	0.23E-06	291.1	12.8	0.28E-06	0.28E-06
137.7	15.2	0.44E-06	0.44E-06	293.9	12.8	0.53E-06	0.54E-06
140.6	15.1	0.43E-06	0.43E-06	296.8	12.8	0.97E-06	0.99E-06
143.4	15.1	0.44E-06	0.44E-06	299.6	12.7	0.75E-06	0.76E-06
146.3	15.0	0.32E-05	0.33E-05	302.5	12.7	0.13E-05	0.13E-05
149.1	15.0	0.19E-05	0.20E-05	305.3	12.7	0.13E-06	0.14E-06
151.9	15.0	0.11E-04	0.12E-04	308.1	12.7	0.74E-06	0.75E-06
154.8	15.0	0.20E-04	0.21E-04	311.0	12.7	0.96E-06	0.98E-06

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
313.8	12.6	0.32E-06	0.32E-06
316.7	12.5	0.11E-06	0.11E-06
319.5	12.5	0.27E-06	0.27E-06
322.3	12.5	0.41E-06	0.41E-06
325.2	12.4	0.86E-06	0.88E-06
328.0	12.4	0.37E-06	0.38E-06
330.9	12.4	0.31E-06	0.31E-06
333.7	12.3	0.31E-06	0.31E-06
336.5	12.3	0.38E-06	0.38E-06
339.4	12.3	0.10E-06	0.10E-06
342.2	12.2	0.15E-06	0.15E-06
345.1	12.2	0.72E-06	0.73E-06
347.9	12.1	0.19E-06	0.19E-06
350.7	12.1	0.36E-06	0.36E-06
353.6	12.1	0.21E-06	0.21E-06
356.4	12.1	0.41E-06	0.42E-06
359.3	12.1	0.45E-06	0.45E-06
362.1	12.1	0.22E-06	0.23E-06
364.9	12.1	0.14E-06	0.15E-06
367.8	12.1	0.14E-06	0.14E-06
370.6	12.0	0.17E-05	0.17E-05
373.5	12.0	0.38E-04	0.41E-04
376.3	12.0	0.35E-04	0.38E-04
379.1	11.9	0.28E-04	0.30E-04
382.0	12.0	0.37E-03	0.47E-03
384.8	12.1	0.57E-02	0.10E-01
387.7	12.3	0.46E-02	0.84E-02
390.5	12.4	0.32E-02	0.52E-02
393.3	12.4	0.11E-02	0.16E-02
396.2	12.4	0.16E-02	0.22E-02
399.0	12.3	0.23E-02	0.35E-02
401.9	12.2	0.39E-02	0.63E-02
404.7	12.3	0.17E-02	0.25E-02
407.5	12.3	0.26E-02	0.39E-02
410.4	12.3	0.42E-02	0.68E-02
413.2	12.2	0.32E-02	0.52E-02
416.1	12.5	0.32E-02	0.52E-02
418.9	12.8	0.14E-02	0.20E-02
421.7	12.9	0.20E-03	0.24E-03
424.6	12.9	0.78E-03	0.10E-02
427.4	12.9	0.16E-02	0.22E-02
430.3	12.9	0.23E-02	0.35E-02
433.1	12.9	0.16E-02	0.24E-02
435.9	12.9	0.94E-03	0.12E-02
438.8	12.9	0.46E-03	0.57E-03
441.6	12.9	0.27E-03	0.32E-03
444.5	13.0	0.17E-03	0.20E-03
447.3	13.0	0.28E-03	0.33E-03
450.1	13.0	0.20E-03	0.23E-03
453.0	13.0	0.38E-03	0.47E-03
455.8	13.0	0.43E-03	0.54E-03
458.7	13.0	0.62E-03	0.81E-03
461.5	13.0	0.32E-03	0.40E-03
464.3	13.0	0.47E-03	0.59E-03
467.2	13.0	0.18E-03	0.22E-03
470.0	13.0	0.61E-04	0.68E-04
472.9	13.0	0.12E-02	0.17E-02
475.7	13.0	0.46E-03	0.57E-03
478.5	13.0	0.65E-03	0.86E-03
481.4	13.0	0.18E-02	0.28E-02
484.2	13.0	0.11E-02	0.16E-02
487.1	13.0	0.18E-02	0.28E-02
489.9	13.0	0.24E-02	0.36E-02
492.7	13.0	0.20E-02	0.31E-02
495.6	13.0	0.12E-02	0.17E-02

Bottom Salinity = 38.046

mo 0804

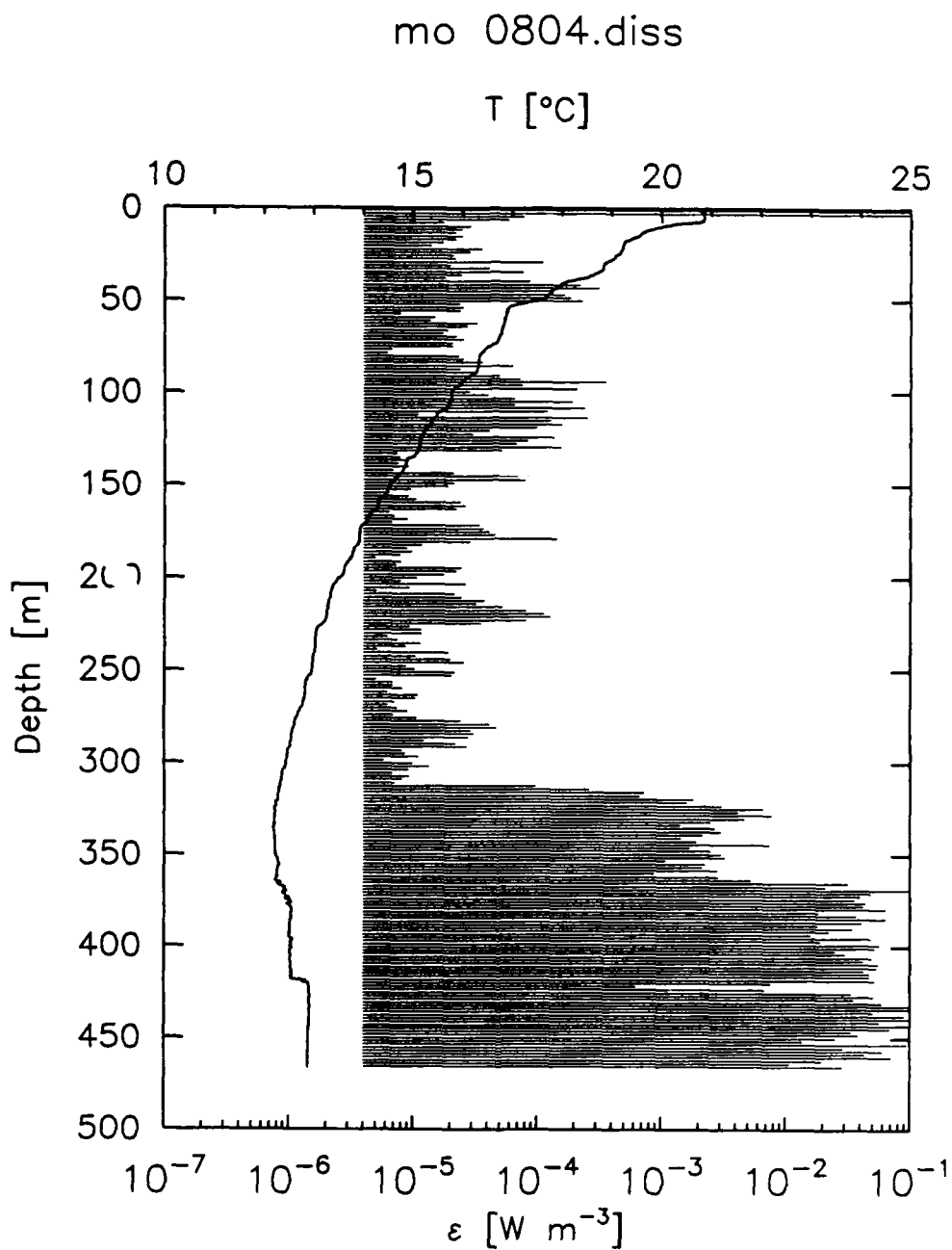
$\partial u / \partial z$ [sec⁻¹]



shear highpass: 10.

shear lowpass: 200.

temp lowpass: 3.



35 44.50 6 30.21 Lat/Lon
 23 SEP 1988 22:48 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

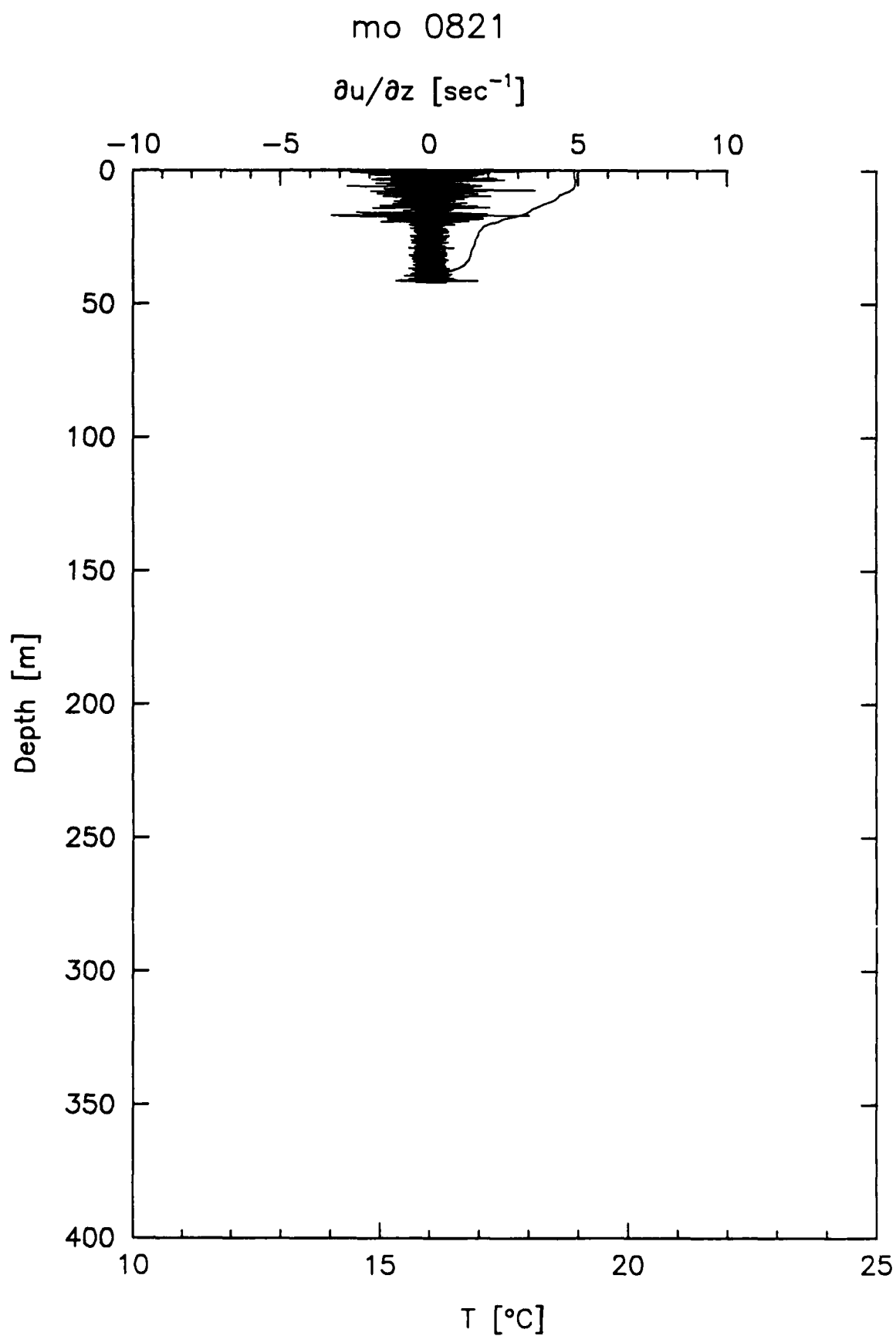
804 XDP
 4 Site Number
 19882672248 23 SEP 1988 22:48 GMT
 19890501956 20 FEB 1989 19:56 GMT Digitized
 35 44.50 6 30.21 Lat/Lon
 468 Depth (m)
 1024 Sampling Rate
 0.2240 S P Sensitivity
 low Gain
 446 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 1.76 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
0.9	20.8	0.12E+00	0.22E+00	97.7	15.8	0.21E-03	0.25E-03
2.6	20.9	0.27E+00	0.49E+00	99.4	15.8	0.29E-04	0.31E-04
4.4	20.9	0.77E-04	0.87E-04	101.2	15.8	0.40E-04	0.44E-04
6.2	20.8	0.58E-04	0.66E-04	103.0	15.8	0.66E-04	0.74E-04
7.9	20.4	0.17E-04	0.19E-04	104.7	15.7	0.19E-03	0.23E-03
9.7	20.0	0.28E-04	0.31E-04	106.5	15.7	0.65E-04	0.73E-04
11.4	19.8	0.25E-04	0.26E-04	108.2	15.7	0.24E-03	0.29E-03
13.2	19.6	0.22E-04	0.24E-04	110.0	15.6	0.12E-03	0.14E-03
15.0	19.5	0.25E-04	0.27E-04	111.8	15.5	0.11E-04	0.11E-04
16.7	19.4	0.22E-04	0.23E-04	113.5	15.4	0.25E-03	0.30E-03
18.5	19.3	0.17E-04	0.19E-04	115.3	15.4	0.13E-03	0.15E-03
20.2	19.2	0.14E-04	0.15E-04	117.0	15.3	0.16E-03	0.18E-03
22.0	19.2	0.36E-04	0.39E-04	118.8	15.3	0.99E-04	0.11E-03
23.8	19.2	0.28E-04	0.31E-04	120.6	15.2	0.41E-04	0.45E-04
25.5	19.1	0.21E-04	0.23E-04	122.3	15.2	0.30E-04	0.32E-04
27.3	19.0	0.22E-04	0.23E-04	124.1	15.2	0.13E-03	0.15E-03
29.0	18.9	0.11E-03	0.13E-03	125.8	15.1	0.84E-04	0.94E-04
30.8	18.8	0.20E-04	0.21E-04	127.6	15.1	0.68E-04	0.76E-04
32.6	18.8	0.41E-04	0.45E-04	129.4	15.1	0.16E-03	0.18E-03
34.3	18.7	0.76E-04	0.86E-04	131.1	15.1	0.52E-04	0.57E-04
36.1	18.6	0.24E-04	0.26E-04	132.9	15.1	0.75E-05	0.78E-05
37.8	18.4	0.18E-04	0.19E-04	134.6	15.0	0.78E-05	0.82E-05
39.6	18.1	0.86E-04	0.97E-04	136.4	14.9	0.87E-05	0.91E-05
41.4	18.0	0.22E-03	0.26E-03	138.2	14.9	0.76E-05	0.80E-05
43.1	17.9	0.31E-03	0.37E-03	139.9	14.8	0.91E-05	0.96E-05
44.9	17.8	0.13E-03	0.15E-03	141.7	14.8	0.68E-05	0.72E-05
46.6	17.7	0.16E-03	0.19E-03	143.4	14.7	0.21E-04	0.22E-04
48.4	17.7	0.19E-03	0.22E-03	145.2	14.7	0.99E-04	0.11E-03
50.2	17.5	0.23E-03	0.27E-03	147.0	14.6	0.80E-04	0.89E-04
51.9	17.1	0.24E-04	0.26E-04	148.7	14.5	0.21E-04	0.23E-04
53.7	16.9	0.25E-04	0.27E-04	150.5	14.5	0.19E-04	0.20E-04
55.4	16.9	0.24E-04	0.25E-04	152.2	14.5	0.94E-05	0.99E-05
57.2	16.9	0.79E-05	0.83E-05	154.0	14.5	0.60E-05	0.63E-05
59.0	16.9	0.15E-04	0.16E-04	155.8	14.4	0.91E-05	0.96E-05
60.7	16.8	0.14E-04	0.14E-04	157.5	14.3	0.10E-04	0.11E-04
62.5	16.8	0.32E-04	0.36E-04	159.3	14.3	0.24E-04	0.26E-04
64.2	16.8	0.27E-04	0.29E-04	161.0	14.3	0.26E-04	0.28E-04
66.0	16.8	0.19E-04	0.20E-04	162.8	14.3	0.22E-04	0.24E-04
67.8	16.8	0.17E-04	0.18E-04	164.6	14.2	0.64E-05	0.68E-05
69.5	16.7	0.22E-04	0.24E-04	166.3	14.1	0.70E-05	0.73E-05
71.3	16.7	0.25E-04	0.27E-04	168.1	14.1	0.90E-05	0.94E-05
73.0	16.7	0.21E-04	0.22E-04	169.8	14.1	0.67E-05	0.70E-05
74.8	16.6	0.21E-04	0.22E-04	171.6	14.0	0.34E-04	0.37E-04
76.6	16.4	0.67E-05	0.71E-05	173.4	13.9	0.36E-04	0.40E-04
78.3	16.4	0.62E-05	0.65E-05	175.1	13.9	0.41E-04	0.45E-04
80.1	16.3	0.23E-04	0.25E-04	176.9	13.9	0.45E-04	0.50E-04
81.8	16.3	0.25E-04	0.27E-04	178.6	13.9	0.14E-03	0.16E-03
83.6	16.3	0.36E-04	0.40E-04	180.4	13.9	0.29E-04	0.31E-04
85.4	16.3	0.63E-04	0.71E-04	182.2	13.9	0.12E-04	0.12E-04
87.1	16.3	0.24E-04	0.26E-04	183.9	13.8	0.89E-05	0.94E-05
88.9	16.3	0.32E-04	0.35E-04	185.7	13.8	0.98E-05	0.10E-04
90.6	16.1	0.49E-04	0.54E-04	187.4	13.8	0.78E-05	0.82E-05
92.4	16.0	0.72E-04	0.81E-04	189.2	13.7	0.50E-05	0.52E-05
94.2	16.0	0.35E-03	0.44E-03	191.0	13.7	0.79E-05	0.83E-05
95.9	15.9	0.75E-04	0.85E-04	192.7	13.6	0.72E-05	0.76E-05

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
194.5	13.6	0.24E-04	0.26E-04	317.7	12.3	0.67E-03	0.88E-03
196.2	13.6	0.22E-04	0.24E-04	319.4	12.3	0.18E-02	0.27E-02
198.0	13.6	0.18E-04	0.19E-04	321.2	12.2	0.16E-02	0.24E-02
199.8	13.5	0.11E-04	0.11E-04	323.0	12.2	0.31E-02	0.50E-02
201.5	13.5	0.78E-05	0.82E-05	324.7	12.2	0.65E-02	0.12E-01
203.3	13.4	0.26E-04	0.28E-04	326.5	12.2	0.41E-02	0.67E-02
205.0	13.4	0.93E-05	0.97E-05	328.2	12.2	0.78E-02	0.14E-01
206.8	13.3	0.50E-05	0.52E-05	330.0	12.2	0.47E-02	0.85E-02
208.6	13.3	0.21E-04	0.23E-04	331.8	12.2	0.25E-02	0.38E-02
210.3	13.3	0.24E-04	0.26E-04	333.5	12.2	0.14E-02	0.20E-02
212.1	13.3	0.37E-04	0.41E-04	335.3	12.2	0.27E-02	0.41E-02
213.8	13.3	0.32E-04	0.36E-04	337.0	12.2	0.30E-02	0.49E-02
215.6	13.3	0.53E-04	0.58E-04	338.8	12.2	0.22E-02	0.33E-02
217.4	13.3	0.81E-04	0.91E-04	340.6	12.2	0.14E-02	0.20E-02
219.1	13.3	0.11E-03	0.13E-03	342.3	12.2	0.19E-02	0.29E-02
220.9	13.3	0.13E-03	0.15E-03	344.1	12.2	0.74E-02	0.13E-01
222.6	13.2	0.81E-04	0.91E-04	345.8	12.2	0.17E-02	0.26E-02
224.4	13.2	0.35E-04	0.39E-04	347.6	12.2	0.25E-02	0.37E-02
226.2	13.1	0.93E-05	0.98E-05	349.4	12.2	0.30E-02	0.50E-02
227.9	13.1	0.12E-04	0.12E-04	351.1	12.2	0.32E-02	0.53E-02
229.7	13.0	0.12E-04	0.12E-04	352.9	12.3	0.11E-02	0.15E-02
231.4	13.0	0.61E-05	0.65E-05	354.6	12.3	0.22E-02	0.34E-02
233.2	13.0	0.74E-05	0.78E-05	356.4	12.3	0.21E-02	0.33E-02
235.0	13.0	0.11E-04	0.12E-04	358.2	12.3	0.29E-02	0.47E-02
236.7	13.0	0.86E-05	0.91E-05	359.9	12.3	0.88E-03	0.12E-02
238.5	13.0	0.51E-05	0.53E-05	361.7	12.3	0.29E-02	0.47E-02
240.2	13.0	0.19E-04	0.21E-04	363.4	12.2	0.52E-02	0.95E-02
242.0	13.0	0.10E-04	0.11E-04	365.2	12.3	0.31E-01	0.57E-01
243.8	13.0	0.20E-04	0.21E-04	367.0	12.3	0.21E-01	0.38E-01
245.5	13.0	0.26E-04	0.28E-04	368.7	12.4	0.10E+00	0.19E+00
247.3	13.0	0.87E-05	0.92E-05	370.5	12.4	0.48E-01	0.88E-01
249.0	13.0	0.10E-04	0.11E-04	372.2	12.4	0.40E-01	0.73E-01
250.8	13.0	0.22E-04	0.23E-04	374.0	12.5	0.36E-01	0.65E-01
252.6	12.9	0.20E-04	0.22E-04	375.8	12.5	0.44E-01	0.79E-01
254.3	12.9	0.50E-05	0.52E-05	377.5	12.5	0.42E-01	0.76E-01
256.1	12.8	0.69E-05	0.72E-05	379.3	12.5	0.63E-01	0.12E+00
257.8	12.8	0.69E-05	0.72E-05	381.0	12.5	0.18E-01	0.33E-01
259.6	12.8	0.81E-05	0.85E-05	382.8	12.5	0.37E-01	0.67E-01
261.4	12.8	0.61E-05	0.65E-05	384.6	12.5	0.64E-01	0.12E+00
263.1	12.8	0.11E-04	0.12E-04	386.3	12.5	0.41E-01	0.75E-01
264.9	12.8	0.10E-04	0.11E-04	388.1	12.5	0.18E-01	0.33E-01
266.6	12.8	0.70E-05	0.74E-05	389.8	12.5	0.35E-01	0.63E-01
268.4	12.8	0.62E-05	0.65E-05	391.6	12.5	0.22E-01	0.41E-01
270.2	12.7	0.74E-05	0.78E-05	393.4	12.5	0.16E-01	0.29E-01
271.9	12.7	0.90E-05	0.95E-05	395.1	12.5	0.48E-01	0.88E-01
273.7	12.7	0.69E-05	0.73E-05	396.9	12.6	0.19E-01	0.35E-01
275.4	12.7	0.11E-04	0.11E-04	398.6	12.5	0.57E-01	0.10E+00
277.2	12.6	0.24E-04	0.26E-04	400.4	12.5	0.52E-01	0.95E-01
279.0	12.6	0.41E-04	0.45E-04	402.2	12.5	0.25E-01	0.45E-01
280.7	12.6	0.47E-04	0.52E-04	403.9	12.5	0.30E-01	0.54E-01
282.5	12.6	0.29E-04	0.31E-04	405.7	12.5	0.49E-01	0.89E-01
284.2	12.6	0.30E-04	0.33E-04	407.4	12.5	0.42E-01	0.76E-01
286.0	12.6	0.28E-04	0.30E-04	409.2	12.5	0.55E-01	0.99E-01
287.8	12.5	0.12E-04	0.13E-04	411.0	12.5	0.54E-01	0.98E-01
289.5	12.5	0.22E-04	0.24E-04	412.7	12.5	0.42E-01	0.76E-01
291.3	12.5	0.27E-04	0.29E-04	414.5	12.6	0.47E-01	0.86E-01
293.0	12.5	0.81E-05	0.86E-05	416.2	12.6	0.47E-01	0.86E-01
294.8	12.5	0.86E-05	0.90E-05	418.0	12.7	0.52E-01	0.94E-01
296.6	12.5	0.11E-04	0.12E-04	419.8	12.8	0.76E-02	0.14E-01
298.3	12.5	0.58E-05	0.61E-05	421.5	12.9	0.62E-03	0.82E-03
300.1	12.4	0.99E-05	0.11E-04	423.3	12.9	0.68E-02	0.12E-01
301.8	12.4	0.13E-04	0.14E-04	425.0	12.9	0.33E-01	0.61E-01
303.6	12.4	0.91E-05	0.96E-05	426.8	12.9	0.51E-01	0.92E-01
305.4	12.4	0.68E-05	0.71E-05	428.6	12.9	0.35E-01	0.64E-01
307.1	12.4	0.92E-05	0.97E-05	430.3	12.9	0.59E-01	0.11E+00
308.9	12.3	0.81E-05	0.85E-05	432.1	12.9	0.12E+00	0.22E+00
310.6	12.3	0.70E-05	0.74E-05	433.8	12.9	0.99E-01	0.18E+00
312.4	12.3	0.97E-04	0.11E-03	435.6	12.9	0.50E-01	0.91E-01
314.2	12.3	0.26E-03	0.31E-03	437.4	12.9	0.90E-01	0.16E+00
315.9	12.3	0.72E-03	0.95E-03	439.1	12.9	0.11E+00	0.19E+00

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
440.9	12.9	0.56E-01	0.10E+00
442.6	12.9	0.11E+00	0.20E+00
444.4	12.9	0.69E-01	0.13E+00
446.2	12.9	0.34E-01	0.61E-01
447.9	12.9	0.39E-01	0.70E-01
449.7	12.9	0.25E-01	0.46E-01
451.4	12.9	0.14E-01	0.25E-01
453.2	12.9	0.94E-01	0.17E+00
455.0	12.9	0.29E-01	0.53E-01
456.7	12.9	0.61E-01	0.11E+00
458.5	12.9	0.44E-01	0.79E-01
460.2	12.9	0.71E-01	0.13E+00
462.0	12.9	0.20E-01	0.36E-01
463.8	12.9	0.11E-01	0.20E-01
465.5	12.9	0.29E-01	0.52E-01

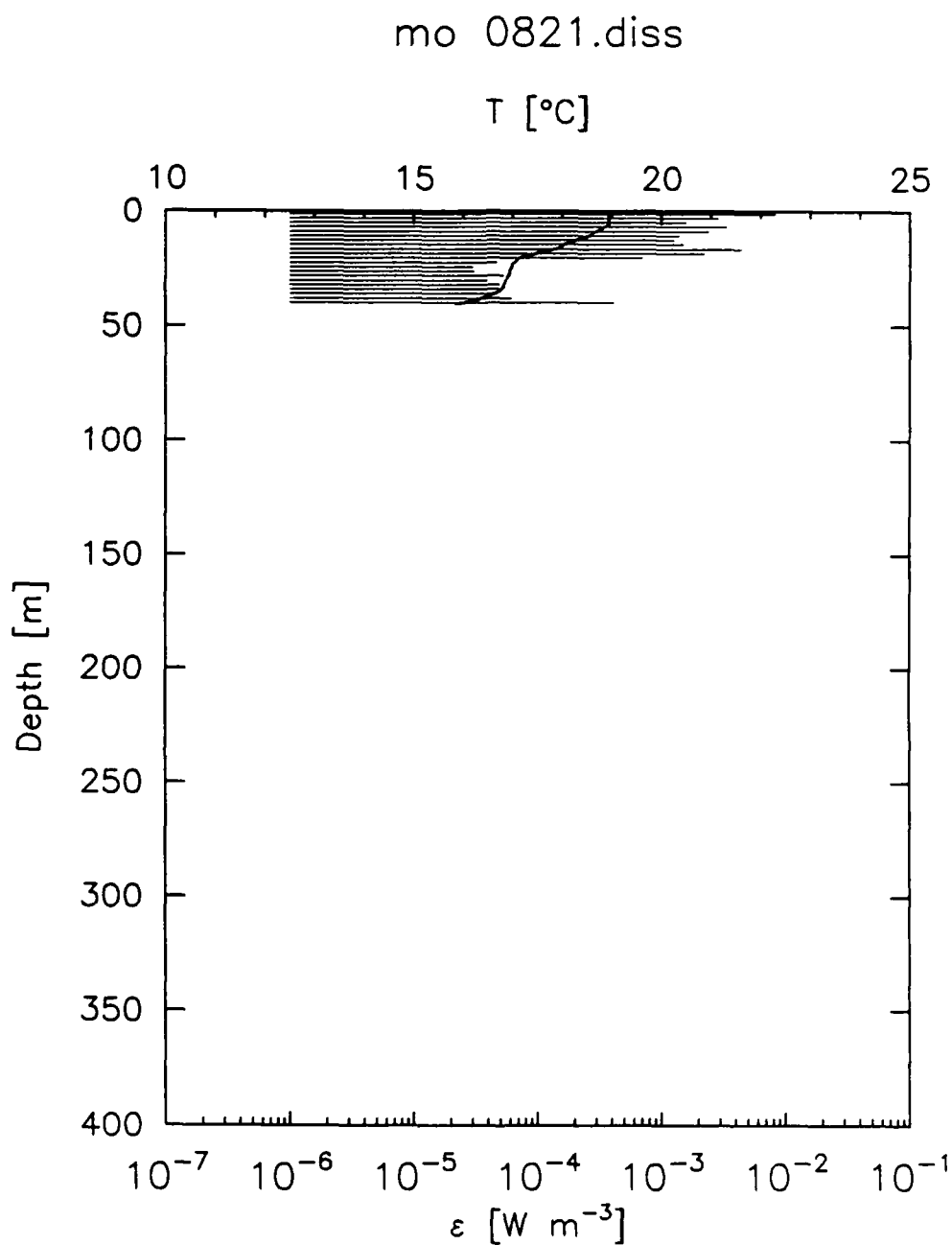
Bottom Salinity = 38.046



shear highpass: 10.

shear lowpass: 200.

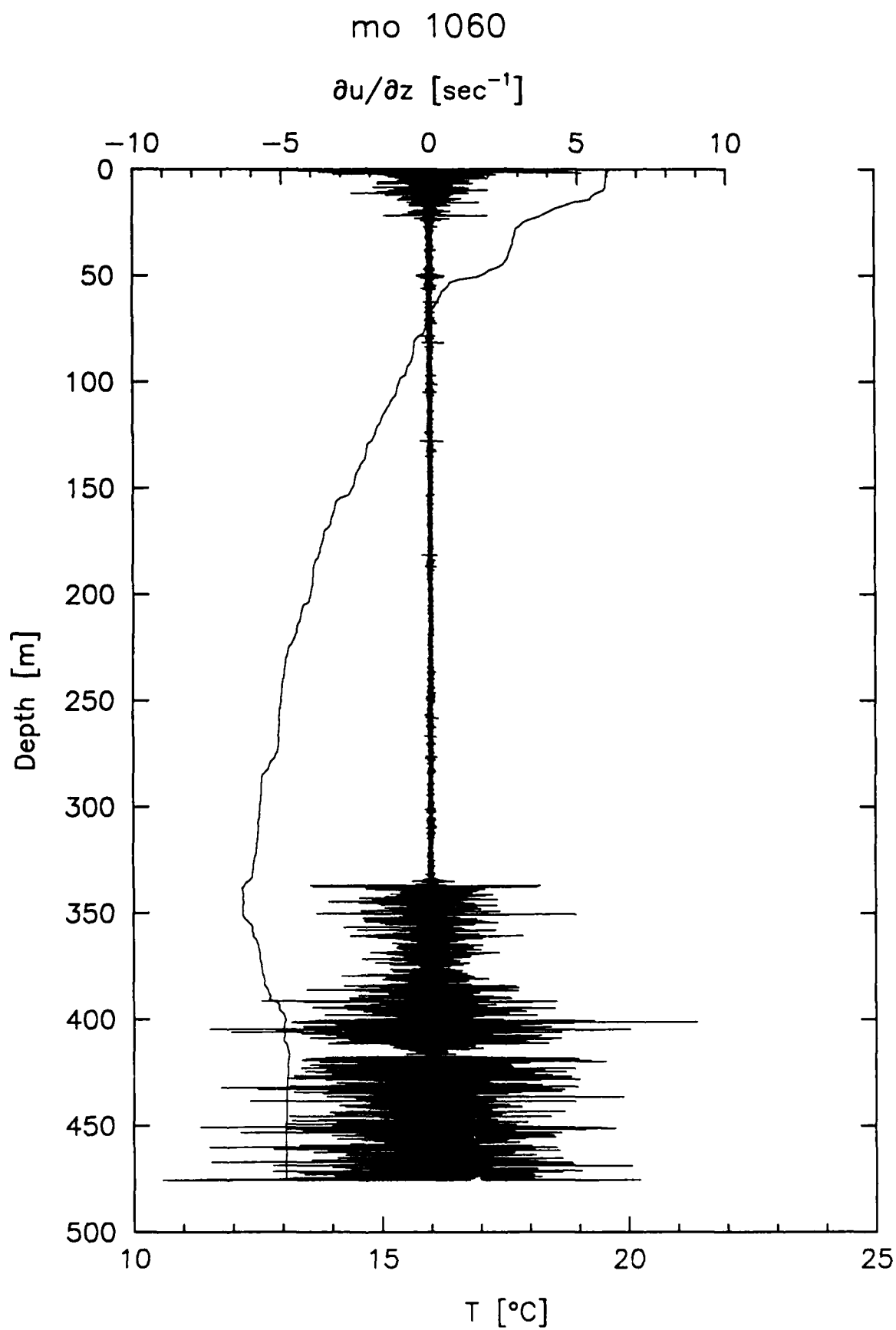
temp lowpass: 3.



35 45.29 6 29.16 Lat/Lon
 27 SEP 1988 21:51 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

821 XDP
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 19890581620 28 FEB 1989 16:20 GMT Digitized
 35 45.29 6 29.16 Lat/Lon
 480 Depth (m)
 1024 Sampling Rate
 0.2203 S P Sensitivity
 low Gain
 452 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 1.94 Drop Rate (m/s)

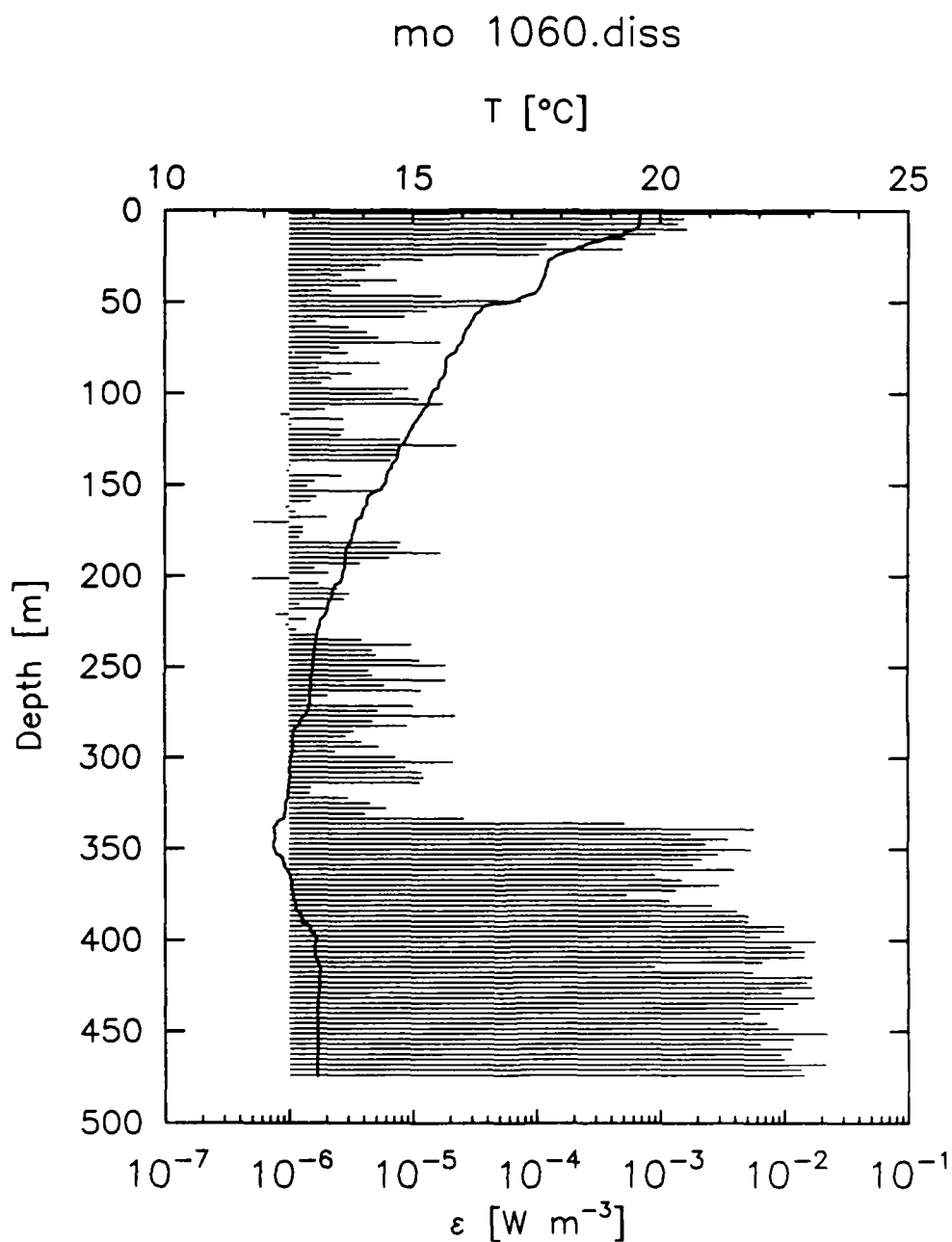
Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.0	18.9	0.83E-02	0.15E-01
2.9	18.9	0.29E-02	0.47E-02
4.8	18.9	0.16E-02	0.22E-02
6.8	18.9	0.34E-02	0.55E-02
8.7	18.7	0.24E-02	0.36E-02
10.7	18.5	0.14E-02	0.19E-02
12.6	18.3	0.13E-02	0.18E-02
14.6	18.1	0.15E-02	0.21E-02
16.5	17.9	0.44E-02	0.72E-02
18.4	17.5	0.22E-02	0.34E-02
20.4	17.2	0.70E-03	0.92E-03
22.3	17.0	0.47E-04	0.51E-04
24.3	17.0	0.30E-04	0.32E-04
26.2	16.9	0.31E-04	0.33E-04
28.1	16.9	0.53E-04	0.59E-04
30.1	16.9	0.40E-04	0.43E-04
32.0	16.8	0.49E-04	0.54E-04
33.9	16.8	0.49E-04	0.54E-04
35.9	16.7	0.44E-04	0.48E-04
37.8	16.4	0.62E-04	0.70E-04
39.8	16.1	0.41E-03	0.52E-03



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.



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 27 SEP 1988 21:54 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

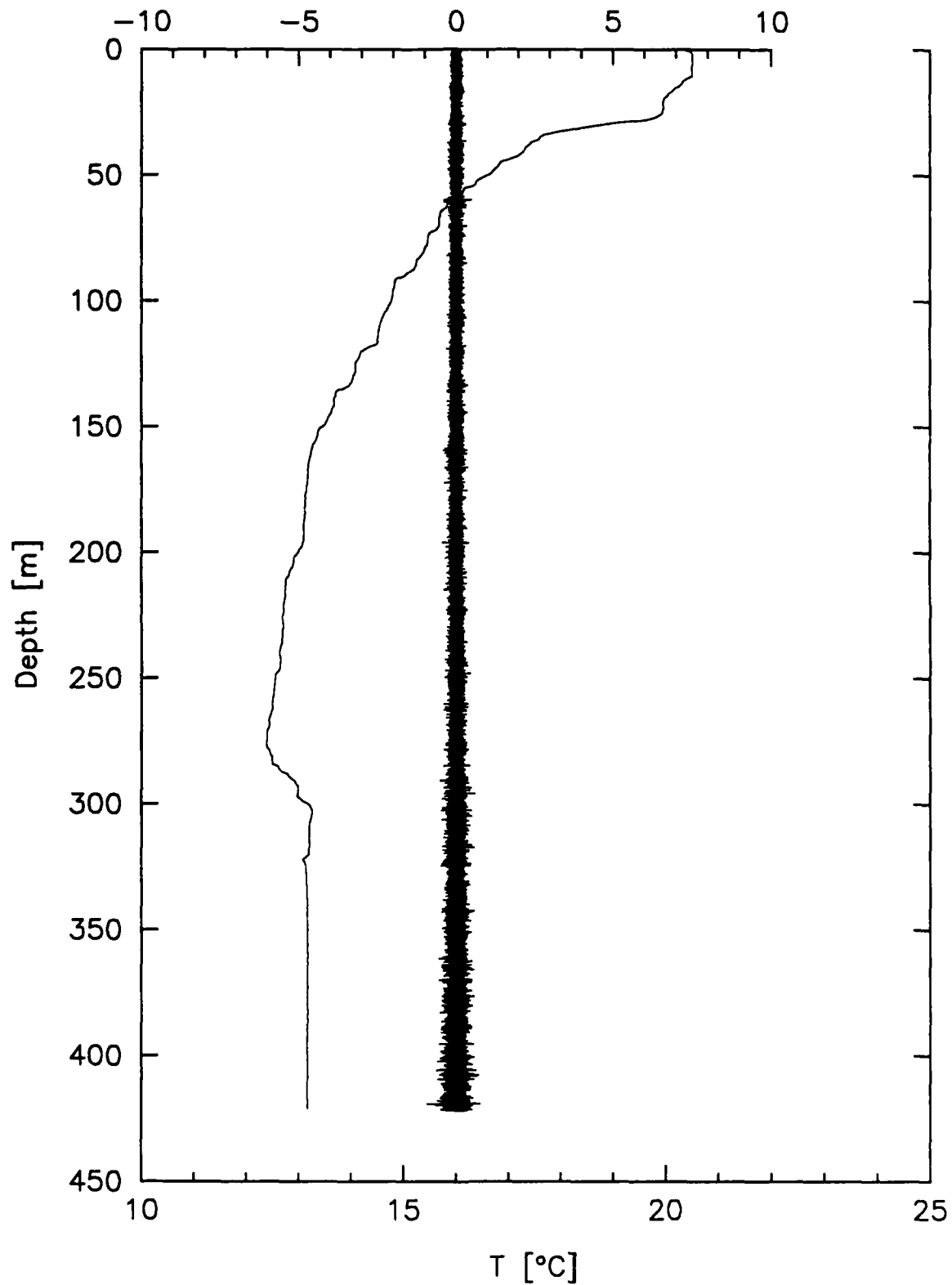
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 1024 Sampling Rate
 0.1990 S P Sensitivity
 high Gain
 442 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.81 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	19.6	0.17E-01	0.31E-01	156.0	14.1	0.17E-05	0.17E-05
4.2	19.6	0.15E-02	0.22E-02	158.8	14.1	0.15E-05	0.15E-05
7.0	19.6	0.14E-02	0.19E-02	161.6	14.0	0.94E-06	0.96E-06
9.8	19.5	0.16E-02	0.25E-02	164.4	14.0	0.11E-05	0.11E-05
12.6	19.3	0.91E-03	0.12E-02	167.2	14.0	0.20E-05	0.21E-05
15.5	18.9	0.52E-03	0.65E-03	170.0	13.9	0.52E-06	0.53E-06
18.3	18.5	0.12E-03	0.14E-03	172.8	13.8	0.13E-05	0.13E-05
21.1	18.3	0.49E-03	0.61E-03	175.6	13.8	0.13E-05	0.13E-05
23.9	18.0	0.10E-03	0.12E-03	178.4	13.8	0.12E-05	0.12E-05
26.7	17.8	0.12E-04	0.13E-04	181.2	13.7	0.79E-05	0.83E-05
29.5	17.7	0.55E-05	0.58E-05	184.1	13.7	0.75E-05	0.79E-05
32.3	17.7	0.41E-05	0.43E-05	186.9	13.6	0.17E-04	0.18E-04
35.1	17.7	0.26E-05	0.27E-05	189.7	13.6	0.64E-05	0.68E-05
37.9	17.6	0.74E-05	0.78E-05	192.5	13.6	0.37E-05	0.39E-05
40.7	17.6	0.38E-05	0.39E-05	195.3	13.6	0.16E-05	0.16E-05
43.6	17.5	0.22E-05	0.23E-05	198.1	13.6	0.21E-05	0.21E-05
46.4	17.3	0.17E-04	0.18E-04	200.9	13.6	0.50E-06	0.51E-06
49.2	17.1	0.75E-04	0.84E-04	203.7	13.5	0.17E-05	0.18E-05
52.0	16.5	0.38E-04	0.42E-04	206.5	13.4	0.24E-05	0.25E-05
54.8	16.4	0.13E-04	0.14E-04	209.3	13.4	0.31E-05	0.32E-05
57.6	16.3	0.86E-05	0.91E-05	212.2	13.3	0.28E-05	0.29E-05
60.4	16.2	0.17E-05	0.17E-05	215.0	13.3	0.12E-05	0.12E-05
63.2	16.1	0.30E-05	0.32E-05	217.8	13.3	0.21E-05	0.21E-05
66.0	16.1	0.42E-05	0.44E-05	220.6	13.2	0.77E-06	0.79E-06
68.8	16.0	0.53E-05	0.55E-05	223.4	13.2	0.14E-05	0.14E-05
71.7	16.0	0.17E-04	0.18E-04	226.2	13.1	0.94E-06	0.96E-06
74.5	15.9	0.25E-05	0.26E-05	229.0	13.1	0.11E-05	0.12E-05
77.3	15.8	0.30E-05	0.31E-05	231.8	13.1	0.17E-05	0.17E-05
80.1	15.7	0.18E-05	0.19E-05	234.6	13.1	0.39E-05	0.40E-05
82.9	15.7	0.54E-05	0.57E-05	237.4	13.0	0.98E-05	0.10E-04
85.7	15.7	0.17E-05	0.18E-05	240.3	13.0	0.47E-05	0.49E-05
88.5	15.7	0.32E-05	0.33E-05	243.1	13.0	0.50E-05	0.52E-05
91.3	15.6	0.22E-05	0.23E-05	245.9	13.0	0.11E-04	0.12E-04
94.1	15.5	0.18E-05	0.19E-05	248.7	13.0	0.19E-04	0.20E-04
96.9	15.5	0.91E-05	0.96E-05	251.5	13.0	0.44E-05	0.46E-05
99.8	15.4	0.69E-05	0.72E-05	254.3	13.0	0.47E-05	0.49E-05
102.6	15.3	0.11E-04	0.12E-04	257.1	12.9	0.18E-04	0.20E-04
105.4	15.3	0.18E-04	0.19E-04	259.9	12.9	0.59E-05	0.62E-05
108.2	15.2	0.19E-05	0.20E-05	262.7	12.9	0.12E-04	0.13E-04
111.0	15.2	0.85E-06	0.87E-06	265.5	12.9	0.21E-05	0.21E-05
113.8	15.1	0.27E-05	0.28E-05	268.4	12.9	0.14E-05	0.14E-05
116.6	15.0	0.10E-05	0.11E-05	271.2	12.9	0.10E-04	0.11E-04
119.4	15.0	0.28E-05	0.29E-05	274.0	12.9	0.52E-05	0.54E-05
122.2	14.9	0.26E-05	0.27E-05	276.8	12.8	0.22E-04	0.24E-04
125.0	14.9	0.80E-05	0.84E-05	279.6	12.7	0.47E-05	0.49E-05
127.9	14.8	0.23E-04	0.24E-04	282.4	12.7	0.90E-05	0.94E-05
130.7	14.7	0.74E-05	0.78E-05	285.2	12.6	0.33E-05	0.35E-05
133.5	14.7	0.77E-05	0.81E-05	288.0	12.6	0.28E-05	0.29E-05
136.3	14.7	0.66E-05	0.70E-05	290.8	12.6	0.39E-05	0.40E-05
139.1	14.6	0.10E-05	0.10E-05	293.6	12.6	0.53E-05	0.55E-05
141.9	14.5	0.96E-06	0.98E-06	296.5	12.6	0.23E-05	0.24E-05
144.7	14.5	0.26E-05	0.27E-05	299.3	12.6	0.72E-05	0.76E-05
147.5	14.5	0.16E-05	0.16E-05	302.1	12.5	0.21E-04	0.23E-04
150.3	14.4	0.14E-05	0.14E-05	304.9	12.5	0.87E-05	0.91E-05
153.1	14.3	0.54E-05	0.57E-05	307.7	12.5	0.12E-04	0.13E-04

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
310.5	12.5	0.12E-04	0.13E-04
313.3	12.5	0.11E-04	0.12E-04
316.1	12.5	0.15E-05	0.15E-05
318.9	12.5	0.15E-05	0.15E-05
321.7	12.5	0.30E-05	0.31E-05
324.6	12.4	0.45E-05	0.47E-05
327.4	12.4	0.60E-05	0.63E-05
330.2	12.4	0.41E-05	0.43E-05
333.0	12.4	0.26E-04	0.28E-04
335.8	12.3	0.51E-03	0.64E-03
338.6	12.2	0.57E-02	0.10E-01
341.4	12.2	0.18E-02	0.27E-02
344.2	12.2	0.35E-02	0.57E-02
347.0	12.2	0.24E-02	0.36E-02
349.8	12.2	0.54E-02	0.99E-02
352.7	12.3	0.29E-02	0.48E-02
355.5	12.4	0.22E-02	0.33E-02
358.3	12.4	0.18E-02	0.28E-02
361.1	12.4	0.40E-02	0.65E-02
363.9	12.5	0.90E-03	0.12E-02
366.7	12.5	0.15E-02	0.21E-02
369.5	12.6	0.30E-02	0.49E-02
372.3	12.6	0.13E-02	0.19E-02
375.1	12.6	0.54E-03	0.67E-03
377.9	12.6	0.12E-02	0.17E-02
380.8	12.6	0.26E-02	0.39E-02
383.6	12.6	0.41E-02	0.68E-02
386.4	12.7	0.51E-02	0.93E-02
389.2	12.8	0.51E-02	0.93E-02
392.0	12.9	0.10E-01	0.18E-01
394.8	12.9	0.10E-01	0.18E-01
397.6	13.0	0.64E-02	0.12E-01
400.4	13.1	0.18E-01	0.34E-01
403.2	13.0	0.11E-01	0.21E-01
406.0	13.0	0.15E-01	0.26E-01
408.9	13.0	0.14E-01	0.26E-01
411.7	13.1	0.67E-02	0.12E-01
414.5	13.1	0.90E-03	0.12E-02
417.3	13.1	0.55E-02	0.10E-01
420.1	13.1	0.17E-01	0.30E-01
422.9	13.1	0.15E-01	0.28E-01
425.7	13.1	0.17E-01	0.30E-01
428.5	13.1	0.95E-02	0.17E-01
431.3	13.1	0.17E-01	0.32E-01
434.1	13.1	0.13E-01	0.23E-01
437.0	13.1	0.99E-02	0.18E-01
439.8	13.1	0.64E-02	0.12E-01
442.6	13.1	0.46E-02	0.84E-02
445.4	13.1	0.73E-02	0.13E-01
448.2	13.1	0.90E-02	0.16E-01
451.0	13.1	0.22E-01	0.41E-01
453.8	13.1	0.12E-01	0.22E-01
456.6	13.1	0.65E-02	0.12E-01
459.4	13.1	0.11E-01	0.21E-01
462.2	13.1	0.94E-02	0.17E-01
465.1	13.1	0.10E-01	0.18E-01
467.9	13.1	0.22E-01	0.39E-01
470.7	13.1	0.14E-01	0.25E-01
473.5	13.1	0.14E-01	0.26E-01

mo 0815

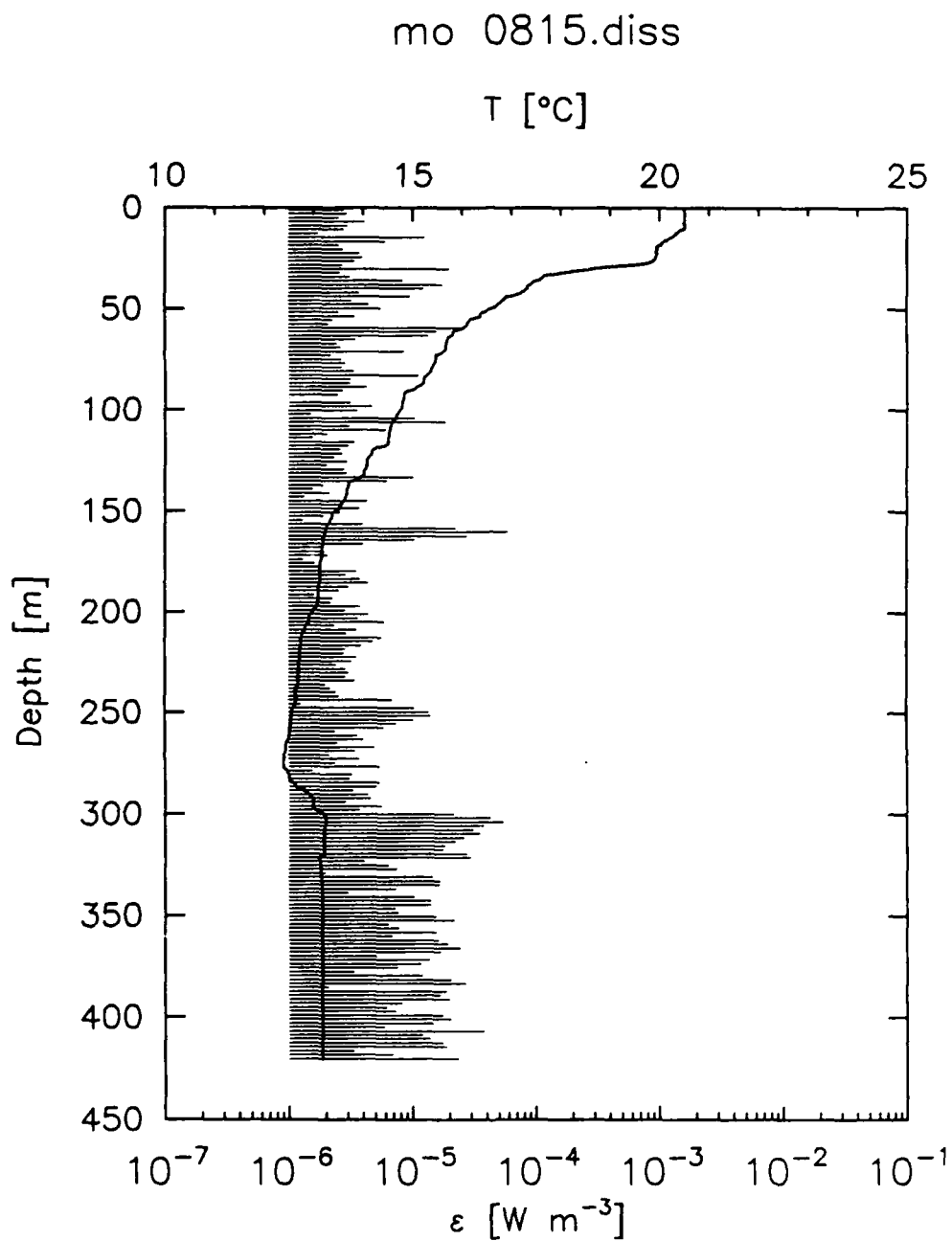
$\partial u / \partial z$ [sec⁻¹]



shear highpass: 10.

shear lowpass: 200.

temp lowpass: 3.



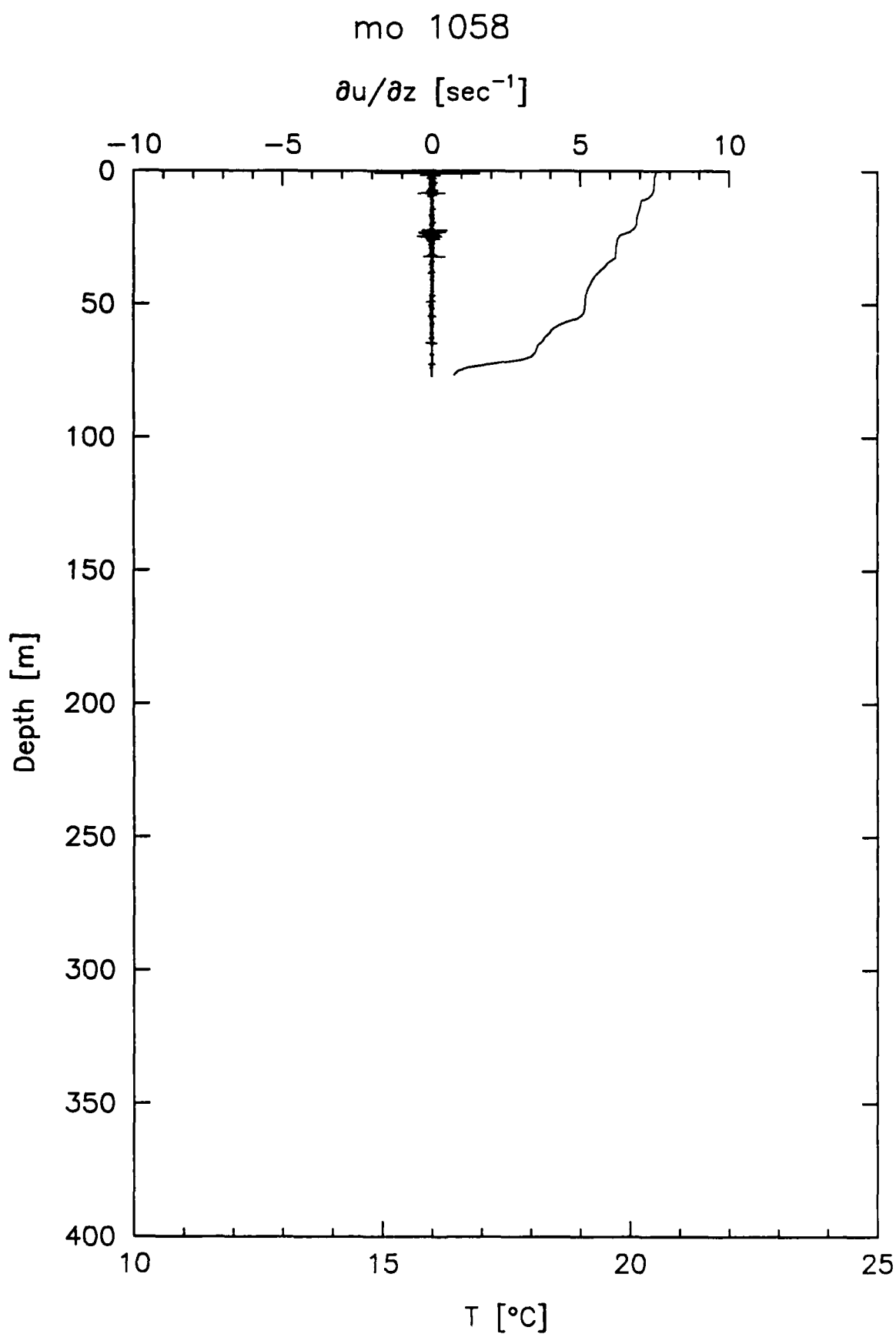
35 46.47 6 29.33 Lat/Lon
 23 SEP 1988 05:56 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

815 XDP
 5 Site Number
 19882670556 23 SEP 1988 05:56 GMT
 19890472012 17 FEB 1989 20:12 GMT Digitized
 35 46.47 6 29.33 Lat/Lon
 428 Depth (m)
 1024 Sampling Rate
 0.2670 S P Sensitivity
 low Gain
 448 Temp Freq
 1 Deck Receiver
 SBL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 1.94 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.0	20.5	0.27E-05	0.28E-05	107.7	14.6	0.30E-05	0.32E-05
2.9	20.5	0.29E-05	0.30E-05	109.6	14.6	0.61E-05	0.64E-05
4.8	20.5	0.25E-05	0.26E-05	111.6	14.5	0.20E-05	0.21E-05
6.8	20.5	0.41E-05	0.43E-05	113.5	14.5	0.15E-05	0.16E-05
8.7	20.5	0.30E-05	0.31E-05	115.4	14.5	0.34E-05	0.35E-05
10.7	20.5	0.28E-05	0.29E-05	117.4	14.4	0.30E-05	0.31E-05
12.6	20.3	0.17E-05	0.17E-05	119.3	14.2	0.26E-05	0.26E-05
14.6	20.2	0.13E-04	0.13E-04	121.3	14.2	0.27E-05	0.27E-05
16.5	20.1	0.61E-05	0.64E-05	123.2	14.1	0.23E-05	0.24E-05
18.4	20.0	0.25E-05	0.26E-05	125.1	14.1	0.29E-05	0.30E-05
20.4	20.0	0.27E-05	0.28E-05	127.1	14.1	0.20E-05	0.21E-05
22.3	19.9	0.37E-05	0.39E-05	129.0	14.1	0.28E-05	0.29E-05
24.3	19.9	0.40E-05	0.41E-05	130.9	14.0	0.29E-05	0.30E-05
26.2	19.9	0.34E-05	0.35E-05	132.9	14.0	0.10E-04	0.11E-04
28.1	19.4	0.27E-05	0.28E-05	134.8	13.8	0.62E-05	0.65E-05
30.1	18.7	0.20E-04	0.21E-04	136.8	13.7	0.19E-05	0.19E-05
32.0	18.1	0.26E-05	0.27E-05	138.7	13.7	0.15E-05	0.16E-05
33.9	17.7	0.31E-05	0.32E-05	140.7	13.7	0.21E-05	0.22E-05
35.9	17.5	0.83E-05	0.88E-05	142.6	13.6	0.13E-05	0.13E-05
37.8	17.4	0.17E-04	0.19E-04	144.5	13.6	0.43E-05	0.44E-05
39.8	17.3	0.12E-04	0.13E-04	146.5	13.6	0.27E-05	0.28E-05
41.7	17.2	0.37E-05	0.38E-05	148.4	13.5	0.37E-05	0.38E-05
43.7	17.0	0.97E-05	0.10E-04	150.3	13.4	0.26E-05	0.27E-05
45.6	16.8	0.32E-05	0.33E-05	152.3	13.4	0.19E-05	0.19E-05
47.5	16.7	0.44E-05	0.46E-05	154.2	13.3	0.13E-05	0.13E-05
49.5	16.6	0.56E-05	0.59E-05	156.2	13.3	0.39E-05	0.41E-05
51.4	16.5	0.25E-05	0.26E-05	158.1	13.3	0.22E-04	0.24E-04
53.3	16.4	0.34E-05	0.35E-05	160.0	13.2	0.59E-04	0.66E-04
55.3	16.2	0.22E-05	0.23E-05	162.0	13.2	0.28E-04	0.30E-04
57.2	16.1	0.21E-05	0.21E-05	163.9	13.2	0.10E-04	0.11E-04
59.2	16.0	0.25E-04	0.26E-04	165.9	13.2	0.40E-05	0.41E-05
61.1	15.8	0.16E-04	0.17E-04	167.8	13.2	0.18E-05	0.18E-05
63.1	15.8	0.13E-04	0.14E-04	169.8	13.2	0.19E-05	0.20E-05
65.0	15.7	0.34E-05	0.36E-05	171.7	13.2	0.20E-05	0.21E-05
66.9	15.7	0.24E-05	0.25E-05	173.6	13.2	0.13E-05	0.13E-05
68.9	15.7	0.26E-05	0.27E-05	175.6	13.1	0.16E-05	0.17E-05
70.8	15.6	0.85E-05	0.90E-05	177.5	13.1	0.17E-05	0.18E-05
72.8	15.5	0.22E-05	0.23E-05	179.4	13.1	0.35E-05	0.36E-05
74.7	15.5	0.26E-05	0.27E-05	181.4	13.1	0.29E-05	0.29E-05
76.6	15.4	0.28E-05	0.29E-05	183.3	13.1	0.37E-05	0.39E-05
78.6	15.4	0.26E-05	0.27E-05	185.3	13.1	0.44E-05	0.46E-05
80.5	15.4	0.33E-05	0.34E-05	187.2	13.1	0.30E-05	0.32E-05
82.4	15.3	0.11E-04	0.12E-04	189.2	13.1	0.25E-05	0.26E-05
84.4	15.2	0.31E-05	0.33E-05	191.1	13.1	0.16E-05	0.17E-05
86.3	15.2	0.31E-05	0.32E-05	193.0	13.1	0.22E-05	0.23E-05
88.3	15.1	0.42E-05	0.44E-05	195.0	13.1	0.22E-05	0.22E-05
90.2	14.9	0.27E-05	0.28E-05	196.9	13.1	0.38E-05	0.39E-05
92.2	14.8	0.24E-05	0.25E-05	198.8	13.0	0.29E-05	0.29E-05
94.1	14.8	0.10E-05	0.10E-05	200.8	12.9	0.44E-05	0.46E-05
96.0	14.8	0.31E-05	0.32E-05	202.7	12.9	0.36E-05	0.37E-05
98.0	14.8	0.46E-05	0.48E-05	204.7	12.9	0.59E-05	0.62E-05
99.9	14.8	0.36E-05	0.37E-05	206.6	12.8	0.23E-05	0.24E-05
101.9	14.7	0.15E-05	0.15E-05	208.5	12.8	0.35E-05	0.36E-05
103.8	14.7	0.10E-04	0.11E-04	210.5	12.8	0.29E-05	0.30E-05
105.7	14.6	0.18E-04	0.20E-04	212.4	12.8	0.55E-05	0.58E-05

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
214.4	12.7	0.48E-05	0.50E-05	350.2	13.2	0.15E-04	0.16E-04
216.3	12.7	0.38E-05	0.40E-05	352.1	13.2	0.22E-04	0.23E-04
218.3	12.7	0.29E-05	0.29E-05	354.1	13.2	0.63E-05	0.66E-05
220.2	12.7	0.28E-05	0.29E-05	356.0	13.2	0.78E-05	0.82E-05
222.1	12.7	0.35E-05	0.37E-05	357.9	13.2	0.15E-04	0.16E-04
224.1	12.7	0.32E-05	0.33E-05	359.9	13.2	0.69E-05	0.72E-05
226.0	12.7	0.24E-05	0.25E-05	361.8	13.2	0.16E-04	0.17E-04
227.9	12.7	0.28E-05	0.29E-05	363.8	13.2	0.19E-04	0.21E-04
229.9	12.7	0.30E-05	0.32E-05	365.7	13.2	0.24E-04	0.26E-04
231.8	12.7	0.29E-05	0.29E-05	367.6	13.2	0.17E-04	0.18E-04
233.8	12.7	0.34E-05	0.35E-05	369.6	13.2	0.51E-05	0.53E-05
235.7	12.7	0.20E-05	0.20E-05	371.5	13.2	0.14E-04	0.15E-04
237.7	12.7	0.21E-05	0.22E-05	373.5	13.2	0.12E-04	0.12E-04
239.6	12.6	0.24E-05	0.25E-05	375.4	13.2	0.75E-05	0.79E-05
241.5	12.6	0.25E-05	0.26E-05	377.3	13.2	0.33E-05	0.35E-05
243.5	12.7	0.69E-05	0.72E-05	379.3	13.2	0.12E-04	0.13E-04
245.4	12.6	0.12E-05	0.13E-05	381.2	13.2	0.20E-04	0.22E-04
247.3	12.6	0.10E-04	0.11E-04	383.1	13.2	0.27E-04	0.29E-04
249.3	12.6	0.13E-04	0.14E-04	385.1	13.2	0.21E-05	0.22E-05
251.2	12.6	0.14E-04	0.15E-04	387.0	13.2	0.19E-04	0.20E-04
253.2	12.5	0.10E-04	0.11E-04	389.0	13.2	0.17E-04	0.18E-04
255.1	12.5	0.74E-05	0.78E-05	390.9	13.2	0.20E-04	0.21E-04
257.1	12.5	0.59E-05	0.62E-05	392.8	13.2	0.82E-05	0.86E-05
259.0	12.5	0.23E-05	0.24E-05	394.8	13.2	0.62E-05	0.65E-05
260.9	12.5	0.35E-05	0.37E-05	396.7	13.2	0.73E-05	0.77E-05
262.9	12.5	0.40E-05	0.42E-05	398.7	13.2	0.18E-04	0.19E-04
264.8	12.4	0.25E-05	0.25E-05	400.6	13.2	0.20E-04	0.22E-04
266.8	12.4	0.49E-05	0.51E-05	402.6	13.2	0.15E-04	0.16E-04
268.7	12.4	0.34E-05	0.35E-05	404.5	13.2	0.59E-05	0.62E-05
270.6	12.4	0.21E-05	0.22E-05	406.4	13.2	0.38E-04	0.41E-04
272.6	12.4	0.37E-05	0.38E-05	408.4	13.2	0.12E-04	0.13E-04
274.5	12.4	0.23E-05	0.24E-05	410.3	13.2	0.14E-04	0.15E-04
276.5	12.4	0.54E-05	0.57E-05	412.3	13.2	0.18E-04	0.19E-04
278.4	12.4	0.15E-05	0.16E-05	414.2	13.2	0.19E-04	0.21E-04
280.3	12.5	0.32E-05	0.33E-05	416.1	13.2	0.34E-05	0.35E-05
282.3	12.5	0.30E-05	0.32E-05	418.1	13.2	0.69E-05	0.73E-05
284.2	12.6	0.54E-05	0.57E-05	420.0	13.2	0.23E-04	0.25E-04
286.2	12.6	0.51E-05	0.53E-05				
288.1	12.8	0.33E-05	0.34E-05				
290.0	12.9	0.43E-05	0.45E-05				
292.0	13.0	0.45E-05	0.47E-05				
293.9	13.0	0.28E-05	0.29E-05				
295.8	13.0	0.55E-05	0.58E-05				
297.8	13.0	0.37E-05	0.38E-05				
299.7	13.2	0.22E-04	0.23E-04				
301.7	13.2	0.43E-04	0.45E-04				
303.6	13.3	0.55E-04	0.60E-04				
305.6	13.2	0.38E-04	0.41E-04				
307.5	13.2	0.31E-04	0.34E-04				
309.4	13.2	0.35E-04	0.39E-04				
311.4	13.2	0.26E-04	0.28E-04				
313.3	13.2	0.22E-04	0.24E-04				
315.3	13.2	0.18E-04	0.20E-04				
317.2	13.2	0.18E-04	0.19E-04				
319.1	13.2	0.27E-04	0.29E-04				
321.1	13.1	0.29E-04	0.31E-04				
323.0	13.1	0.40E-05	0.42E-05				
325.0	13.1	0.63E-05	0.66E-05				
326.9	13.1	0.74E-05	0.78E-05				
328.8	13.1	0.20E-05	0.20E-05				
330.8	13.2	0.14E-04	0.15E-04				
332.7	13.2	0.17E-04	0.18E-04				
334.7	13.2	0.16E-04	0.17E-04				
336.6	13.2	0.73E-05	0.76E-05				
338.5	13.2	0.30E-05	0.31E-05				
340.5	13.2	0.10E-04	0.11E-04				
342.4	13.2	0.14E-04	0.15E-04				
344.3	13.2	0.14E-04	0.15E-04				
346.3	13.2	0.71E-05	0.75E-05				
348.2	13.2	0.76E-05	0.80E-05				

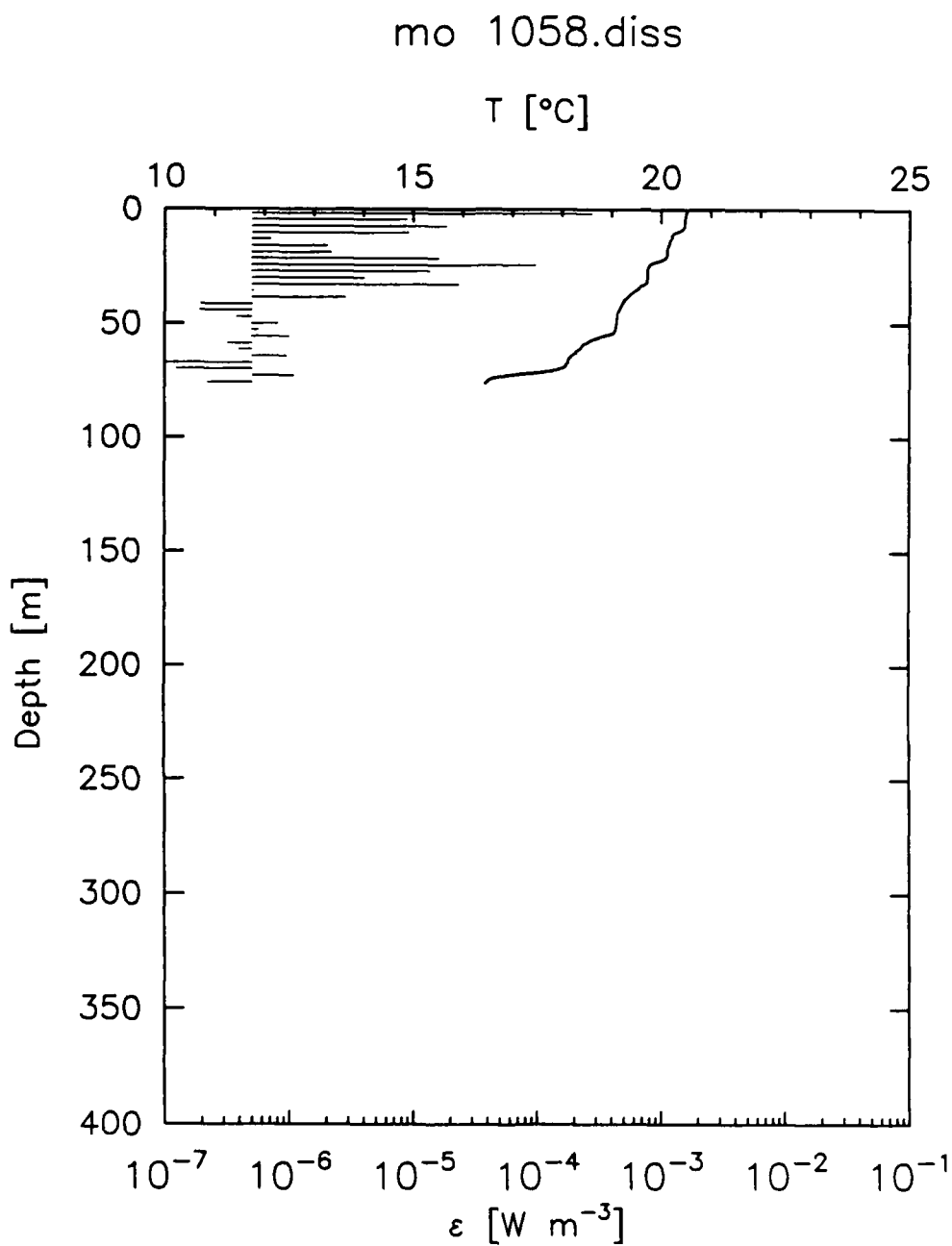
Bottom Salinity = 37.852



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.

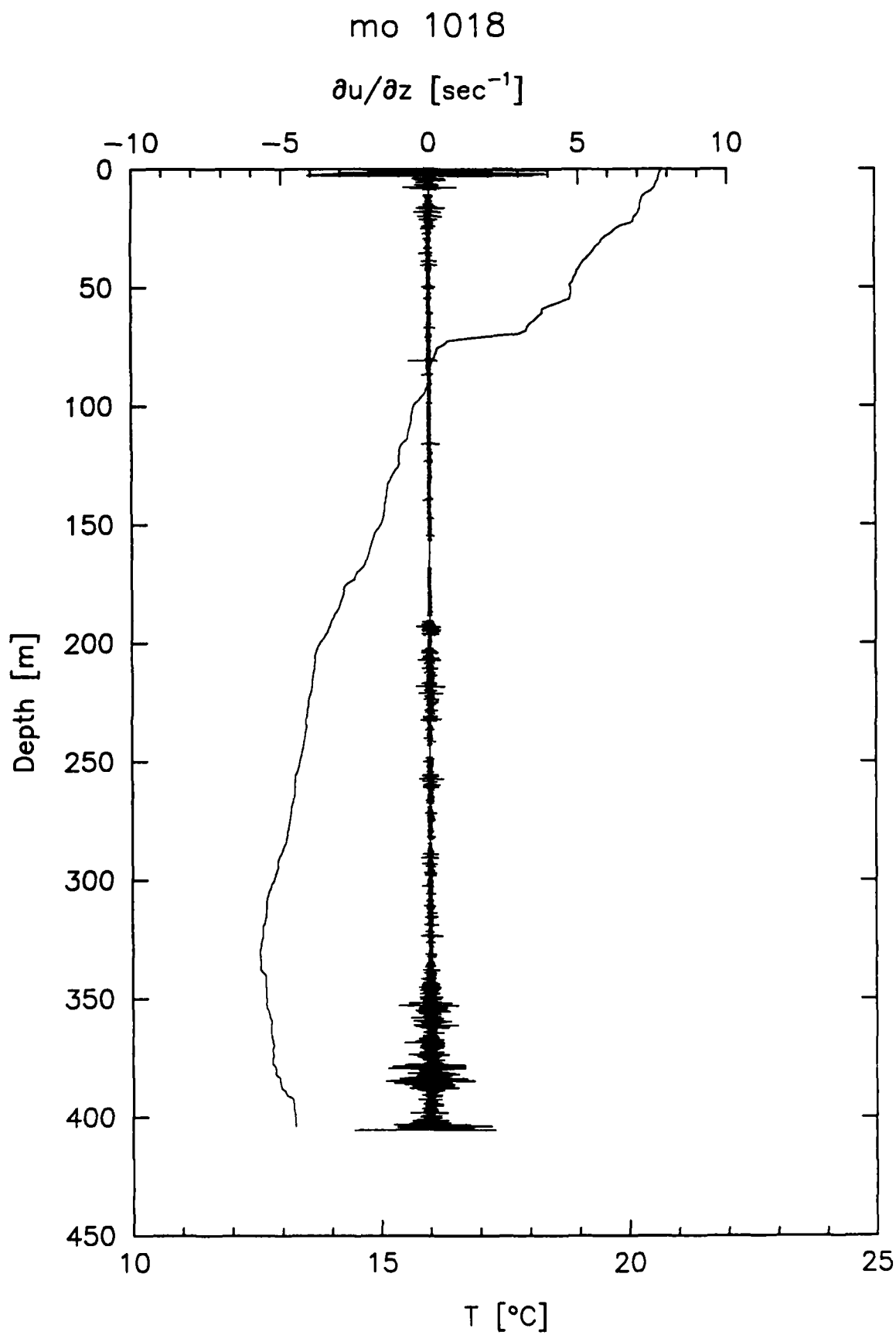


35 49.49 6 27.05 Lat/Lon
 23 SEP 1988 06:56 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

1058 XDP
 6 Site Number
 19882670656 23 SEP 1988 06:56 GMT
 19890472024 17 FEB 1989 20:24 GMT Digitized
 35 49.49 6 27.05 Lat/Lon
 400 Depth (m)
 1024 Sampling Rate
 0.2040 S P Sensitivity
 high Gain
 447 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.84 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	20.5	0.27E-03	0.33E-03
4.3	20.5	0.88E-05	0.93E-05
7.1	20.5	0.18E-04	0.20E-04
9.9	20.3	0.92E-05	0.96E-05
12.8	20.2	0.71E-06	0.72E-06
15.6	20.2	0.20E-05	0.21E-05
18.5	20.1	0.22E-05	0.23E-05
21.3	20.1	0.16E-04	0.17E-04
24.1	19.8	0.97E-04	0.11E-03
27.0	19.7	0.14E-04	0.14E-04
29.8	19.7	0.40E-05	0.42E-05
32.7	19.7	0.23E-04	0.25E-04
35.5	19.5	0.51E-06	0.52E-06
38.3	19.3	0.29E-05	0.29E-05
41.2	19.2	0.19E-06	0.20E-06
44.0	19.2	0.19E-06	0.19E-06
46.9	19.1	0.38E-06	0.38E-06
49.7	19.1	0.82E-06	0.83E-06
52.5	19.1	0.56E-06	0.57E-06
55.4	18.9	0.10E-05	0.10E-05
58.2	18.5	0.32E-06	0.32E-06
61.1	18.4	0.39E-06	0.40E-06
63.9	18.2	0.96E-06	0.97E-06
66.7	18.1	0.37E-07	0.37E-07
69.6	18.0	0.12E-06	0.13E-06
72.4	17.1	0.11E-05	0.11E-05
75.3	16.5	0.22E-06	0.22E-06

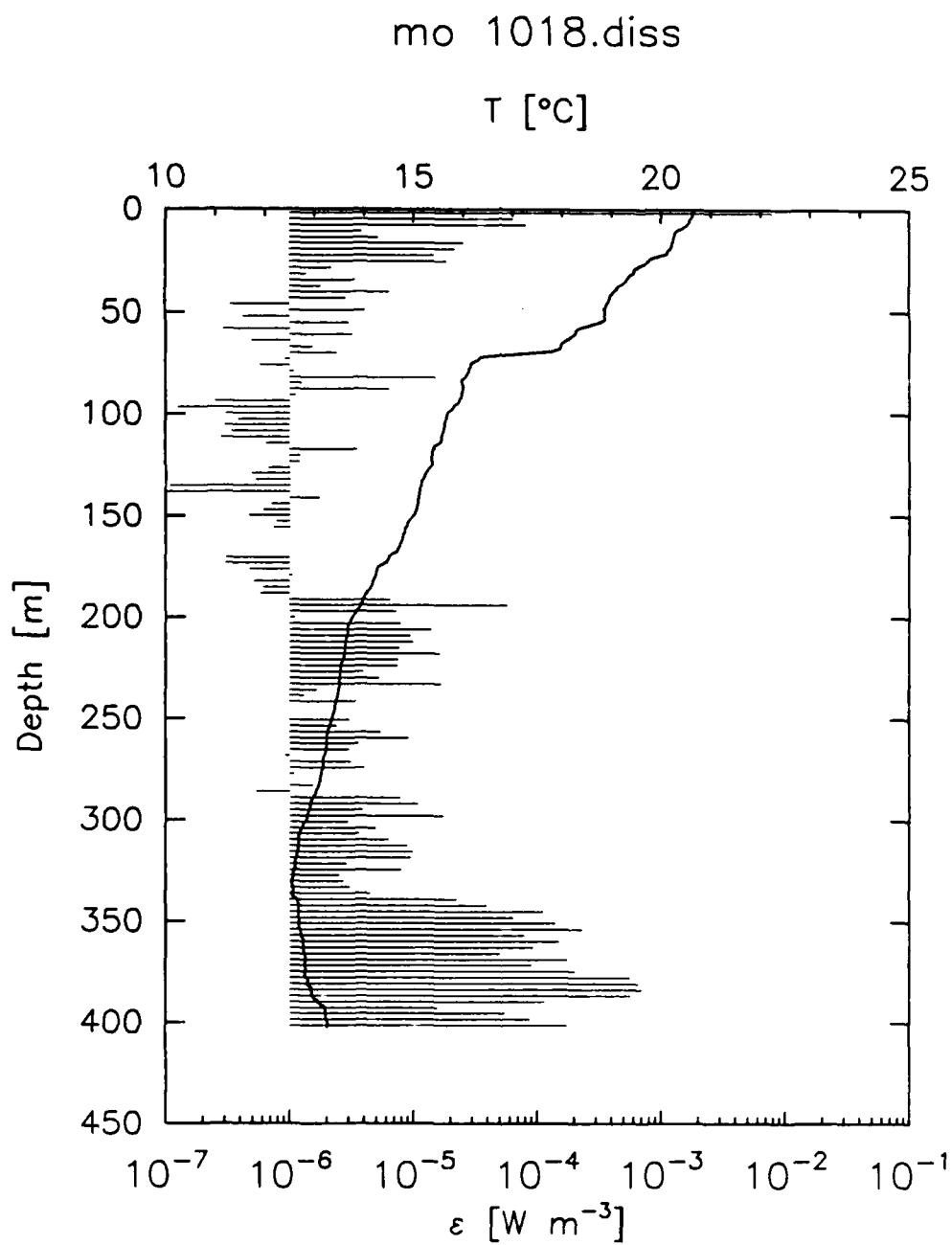
Bottom Salinity = 36.377



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.



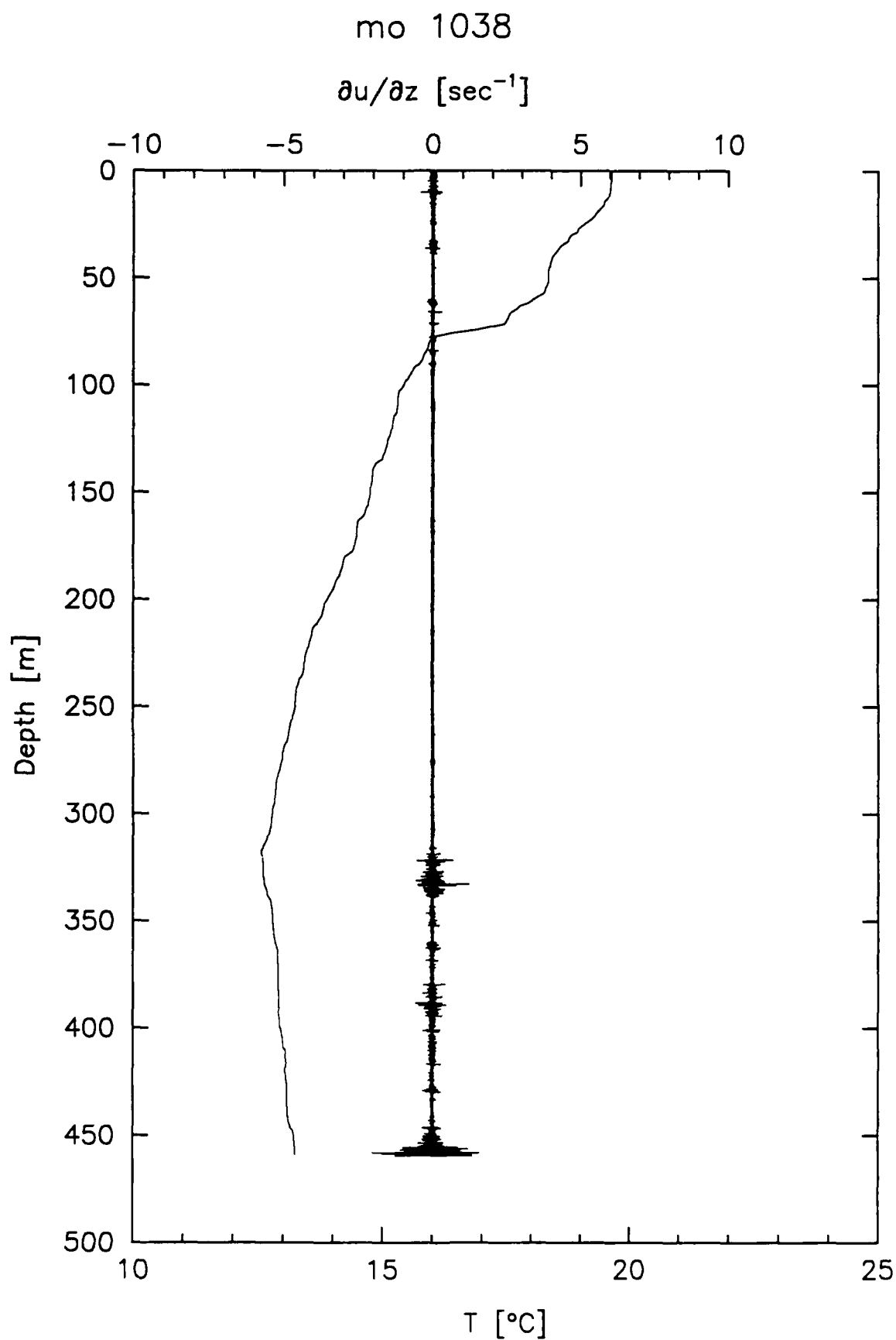
35 49.41 6 27.15 Lat/Lon
23 SEP 1988 06:58 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

1018 XDP
 6 Site Number
 19882670658 23 SEP 1988 06:58 GMT
 19890472032 17 FEB 1989 20:32 GMT Digitized
 35 49.41 6 27.15 Lat/Lon
 405 Depth (m)
 1024 Sampling Rate
 0.1880 S P Sensitivity
 high Gain
 442 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Outflow Experiment
 2.96 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.5	20.6	0.78E-02	0.14E-01	164.3	14.7	0.00E+00	0.00E+00
4.4	20.6	0.64E-04	0.72E-04	167.2	14.7	0.00E+00	0.00E+00
7.4	20.5	0.81E-04	0.91E-04	170.2	14.5	0.31E-06	0.31E-06
10.4	20.3	0.38E-05	0.40E-05	173.2	14.4	0.31E-06	0.31E-06
13.3	20.3	0.52E-05	0.54E-05	176.1	14.3	0.48E-06	0.48E-06
16.3	20.2	0.25E-04	0.27E-04	179.1	14.2	0.11E-05	0.11E-05
19.2	20.2	0.22E-04	0.23E-04	182.0	14.2	0.52E-06	0.53E-06
22.2	20.0	0.15E-04	0.16E-04	185.0	14.1	0.62E-06	0.63E-06
25.2	19.7	0.18E-04	0.20E-04	188.0	14.1	0.58E-06	0.59E-06
28.1	19.5	0.22E-05	0.22E-05	190.9	14.0	0.65E-05	0.68E-05
31.1	19.4	0.13E-05	0.14E-05	193.9	13.9	0.57E-04	0.65E-04
34.0	19.3	0.34E-05	0.35E-05	196.8	13.9	0.71E-05	0.75E-05
37.0	19.2	0.18E-05	0.18E-05	199.8	13.8	0.11E-05	0.11E-05
40.0	19.1	0.64E-05	0.67E-05	202.8	13.7	0.78E-05	0.82E-05
42.9	19.0	0.28E-05	0.29E-05	205.7	13.7	0.14E-04	0.15E-04
45.9	18.9	0.33E-06	0.34E-06	208.7	13.7	0.94E-05	0.99E-05
48.8	18.9	0.41E-05	0.42E-05	211.6	13.6	0.99E-05	0.11E-04
51.8	18.9	0.42E-06	0.43E-06	214.6	13.6	0.77E-05	0.81E-05
54.8	18.8	0.30E-05	0.31E-05	217.6	13.6	0.16E-04	0.17E-04
57.7	18.4	0.29E-06	0.30E-06	220.5	13.6	0.75E-05	0.79E-05
60.7	18.3	0.32E-05	0.33E-05	223.5	13.5	0.74E-05	0.78E-05
63.6	18.1	0.49E-06	0.50E-06	226.4	13.5	0.39E-05	0.41E-05
66.6	18.0	0.15E-05	0.15E-05	229.4	13.5	0.52E-05	0.54E-05
69.6	17.5	0.24E-05	0.25E-05	232.4	13.5	0.17E-04	0.18E-04
72.5	16.4	0.93E-06	0.95E-06	235.3	13.5	0.17E-05	0.17E-05
75.5	16.2	0.57E-06	0.58E-06	238.3	13.5	0.13E-05	0.13E-05
78.4	16.1	0.11E-05	0.11E-05	241.2	13.4	0.34E-05	0.36E-05
81.4	16.1	0.15E-04	0.16E-04	244.2	13.4	0.00E+00	0.00E+00
84.4	16.0	0.12E-05	0.13E-05	247.2	13.4	0.00E+00	0.00E+00
87.3	16.0	0.63E-05	0.67E-05	250.1	13.4	0.30E-05	0.31E-05
90.3	16.0	0.11E-05	0.11E-05	253.1	13.3	0.24E-05	0.25E-05
93.2	15.9	0.25E-06	0.25E-06	256.0	13.3	0.54E-05	0.57E-05
96.2	15.8	0.13E-06	0.13E-06	259.0	13.3	0.92E-05	0.97E-05
99.2	15.7	0.30E-06	0.31E-06	262.0	13.3	0.36E-05	0.37E-05
102.1	15.7	0.39E-06	0.39E-06	264.9	13.2	0.30E-05	0.32E-05
105.1	15.6	0.30E-06	0.31E-06	267.9	13.2	0.91E-06	0.93E-06
108.0	15.6	0.34E-06	0.35E-06	270.8	13.2	0.31E-05	0.32E-05
111.0	15.6	0.28E-06	0.28E-06	273.8	13.2	0.40E-05	0.41E-05
114.0	15.5	0.64E-06	0.66E-06	276.8	13.1	0.11E-05	0.11E-05
116.9	15.4	0.35E-05	0.36E-05	279.7	13.1	0.99E-06	0.10E-05
119.9	15.4	0.12E-05	0.12E-05	282.7	13.1	0.15E-05	0.16E-05
122.8	15.4	0.12E-05	0.12E-05	285.6	13.0	0.54E-06	0.55E-06
125.8	15.3	0.68E-06	0.69E-06	288.6	13.0	0.78E-05	0.82E-05
128.8	15.2	0.50E-06	0.51E-06	291.6	12.9	0.11E-04	0.12E-04
131.7	15.2	0.53E-06	0.54E-06	294.5	12.9	0.38E-05	0.40E-05
134.7	15.1	0.11E-06	0.11E-06	297.5	12.9	0.18E-04	0.19E-04
137.6	15.1	0.43E-07	0.43E-07	300.4	12.8	0.29E-05	0.30E-05
140.6	15.1	0.17E-05	0.18E-05	303.4	12.8	0.49E-05	0.52E-05
143.6	15.1	0.72E-06	0.73E-06	306.4	12.7	0.36E-05	0.38E-05
146.5	15.1	0.61E-06	0.63E-06	309.3	12.7	0.63E-05	0.66E-05
149.5	15.0	0.47E-06	0.47E-06	312.3	12.7	0.89E-05	0.93E-05
152.4	14.9	0.78E-06	0.80E-06	315.2	12.7	0.99E-05	0.11E-04
155.4	14.9	0.74E-06	0.75E-06	318.2	12.6	0.96E-05	0.10E-04
158.4	14.8	0.00E+00	0.00E+00	321.2	12.6	0.29E-05	0.30E-05
161.3	14.8	0.00E+00	0.00E+00	324.1	12.6	0.81E-05	0.85E-05

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
327.1	12.6	0.25E-05	0.26E-05
330.0	12.5	0.27E-05	0.28E-05
333.0	12.6	0.31E-05	0.32E-05
336.0	12.6	0.44E-05	0.46E-05
338.9	12.6	0.22E-04	0.24E-04
341.9	12.7	0.39E-04	0.43E-04
344.8	12.7	0.11E-03	0.13E-03
347.8	12.7	0.64E-04	0.72E-04
350.8	12.7	0.14E-03	0.16E-03
353.7	12.7	0.23E-03	0.28E-03
356.7	12.7	0.79E-04	0.89E-04
359.6	12.8	0.15E-03	0.17E-03
362.6	12.8	0.92E-04	0.10E-03
365.6	12.8	0.49E-04	0.54E-04
368.5	12.8	0.18E-03	0.20E-03
371.5	12.8	0.90E-04	0.10E-03
374.4	12.8	0.20E-03	0.24E-03
377.4	12.8	0.56E-03	0.74E-03
380.4	12.9	0.66E-03	0.87E-03
383.3	12.9	0.70E-03	0.92E-03
386.3	13.0	0.57E-03	0.75E-03
389.2	13.0	0.12E-03	0.13E-03
392.2	13.2	0.15E-04	0.16E-04
395.2	13.2	0.54E-04	0.60E-04
398.1	13.2	0.88E-04	0.98E-04
401.1	13.3	0.17E-03	0.20E-03

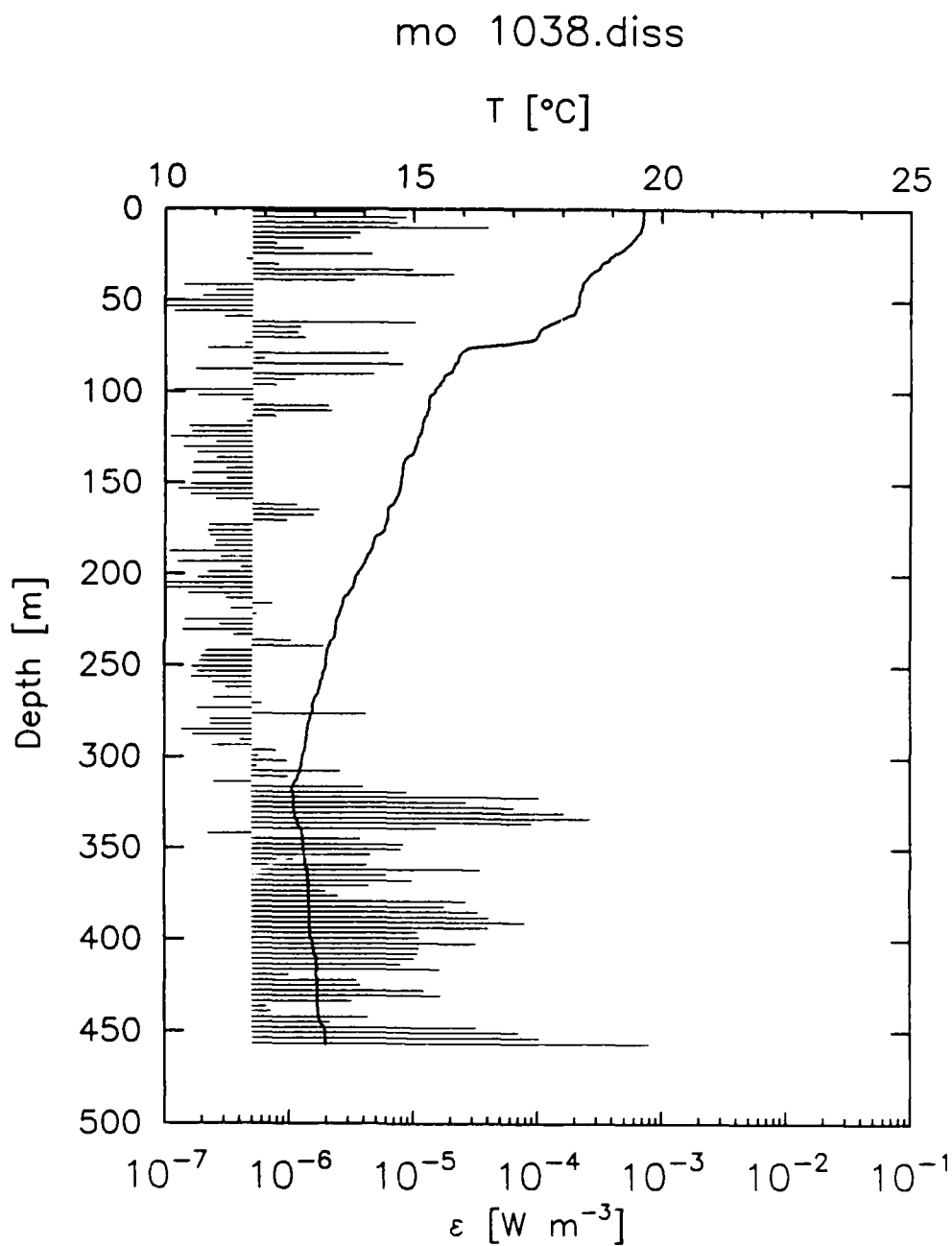
Bottom Salinity = 36.377



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.



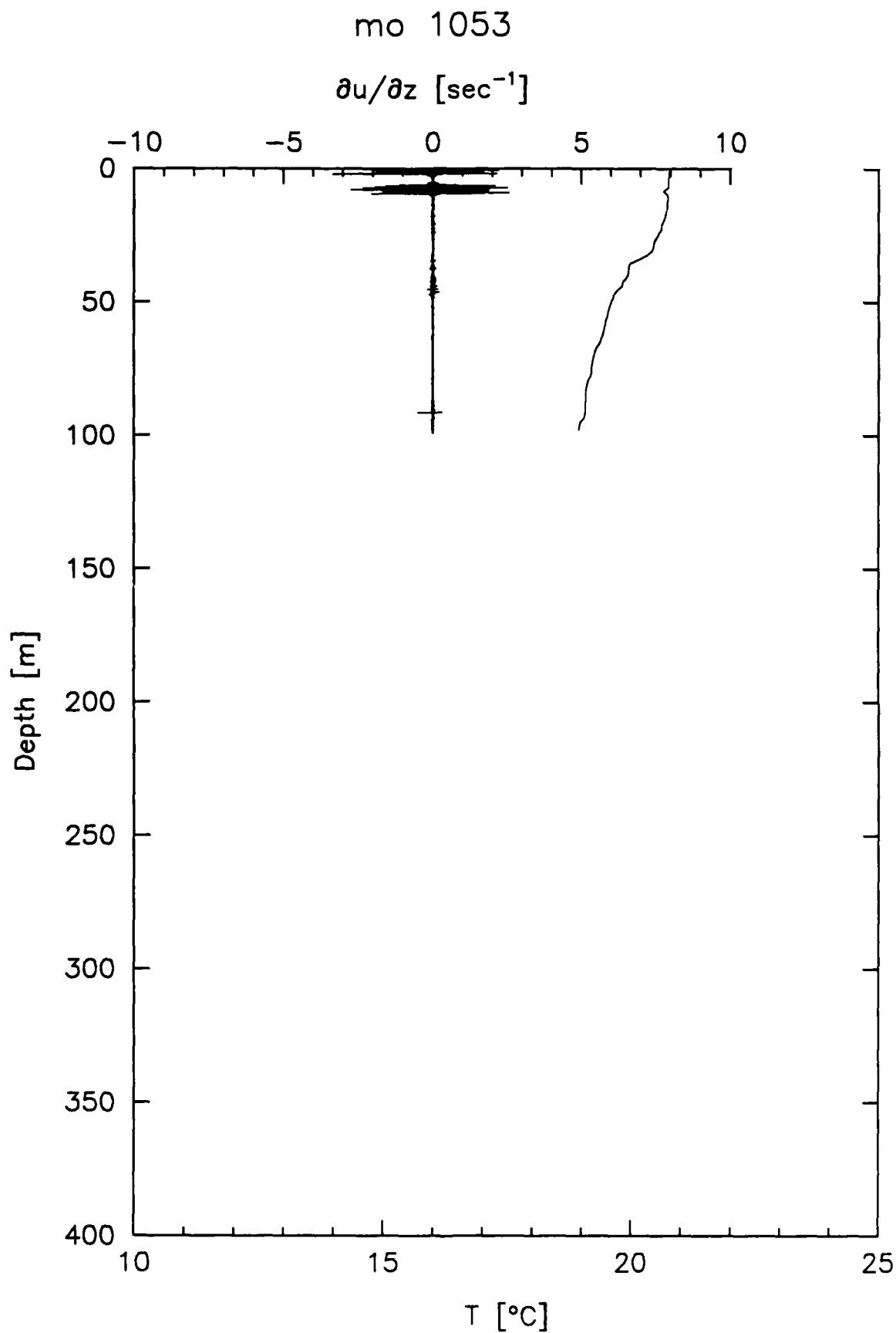
35 50.98 6 27.39 Lat/Lon
 23 SEP 1988 08:13 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

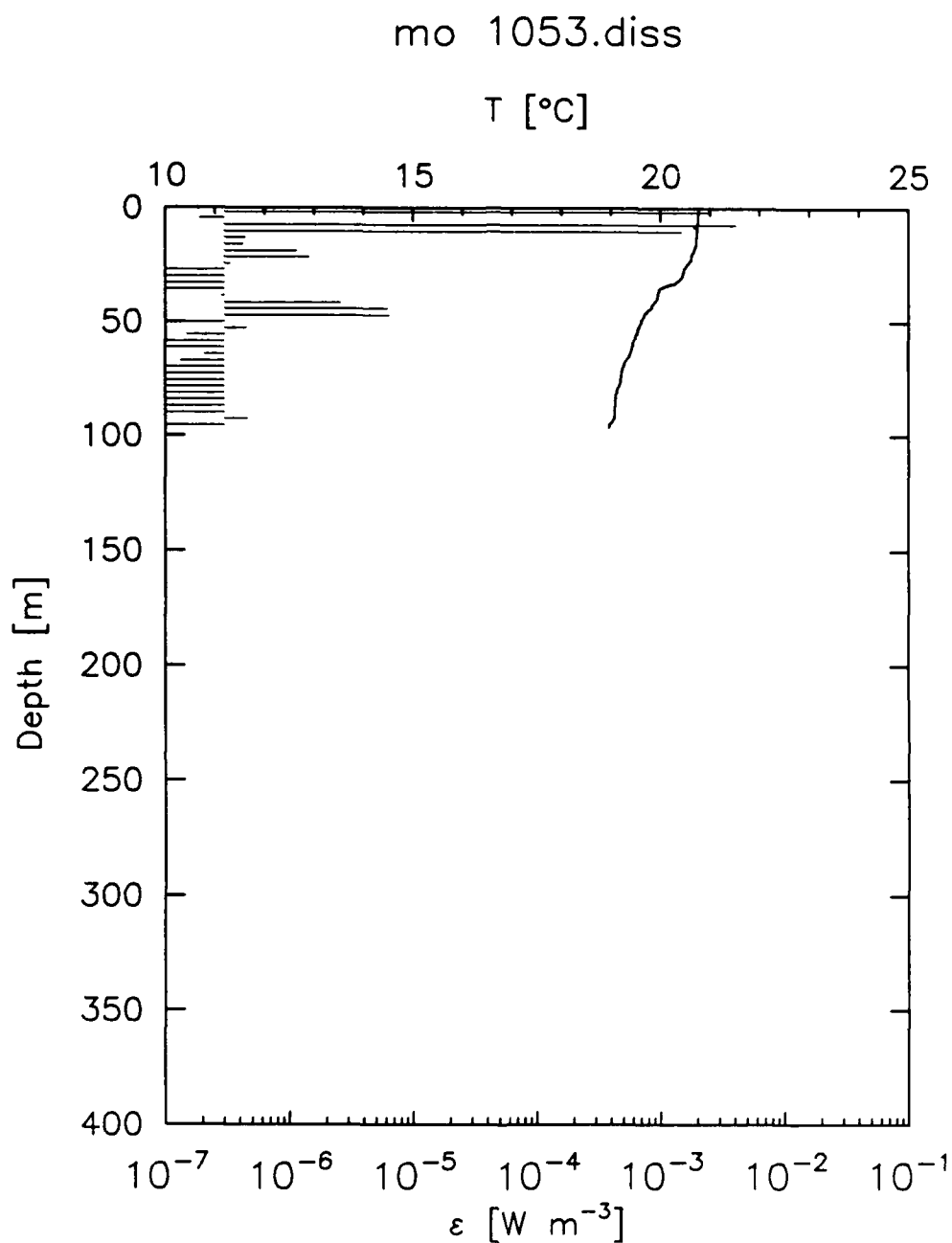
1038 XDP
 7 Site Number
 19882670813 23 SEP 1988 08:13 GMT
 19890472047 17 FEB 1989 20:47 GMT Digitized
 35 50.98 6 27.39 Lat/Lon
 460 Depth (m)
 1024 Sampling Rate
 0.3360 S P Sensitivity
 high Gain
 414 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.86 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	19.6	0.40E-05	0.41E-05	158.7	14.6	0.25E-06	0.26E-06
4.3	19.6	0.86E-05	0.91E-05	161.6	14.6	0.11E-05	0.12E-05
7.2	19.6	0.74E-05	0.77E-05	164.4	14.5	0.17E-05	0.18E-05
10.0	19.6	0.39E-04	0.43E-04	167.3	14.5	0.15E-05	0.16E-05
12.9	19.5	0.37E-05	0.38E-05	170.2	14.5	0.94E-06	0.96E-06
15.7	19.5	0.31E-05	0.32E-05	173.0	14.4	0.23E-06	0.23E-06
18.6	19.4	0.79E-06	0.80E-06	175.9	14.4	0.22E-06	0.22E-06
21.5	19.2	0.13E-05	0.13E-05	178.8	14.3	0.23E-06	0.23E-06
24.3	19.1	0.46E-05	0.47E-05	181.6	14.2	0.26E-06	0.26E-06
27.2	19.0	0.45E-06	0.45E-06	184.5	14.2	0.25E-06	0.25E-06
30.0	18.8	0.81E-06	0.83E-06	187.3	14.1	0.11E-06	0.11E-06
32.9	18.7	0.98E-05	0.10E-04	190.2	14.1	0.28E-06	0.28E-06
35.8	18.6	0.21E-04	0.22E-04	193.0	14.0	0.13E-06	0.13E-06
38.6	18.5	0.33E-05	0.34E-05	195.9	14.0	0.41E-06	0.41E-06
41.5	18.4	0.14E-06	0.14E-06	198.8	13.9	0.22E-06	0.22E-06
44.3	18.4	0.25E-06	0.26E-06	201.6	13.8	0.18E-06	0.18E-06
47.2	18.3	0.20E-06	0.20E-06	204.5	13.8	0.10E-06	0.10E-06
50.0	18.3	0.13E-06	0.13E-06	207.4	13.8	0.10E-06	0.10E-06
52.9	18.3	0.10E-06	0.10E-06	210.2	13.7	0.15E-06	0.15E-06
55.8	18.3	0.12E-06	0.12E-06	213.1	13.6	0.31E-06	0.31E-06
58.6	18.1	0.30E-06	0.30E-06	215.9	13.6	0.72E-06	0.74E-06
61.5	17.9	0.10E-04	0.11E-04	218.8	13.5	0.33E-06	0.34E-06
64.4	17.7	0.12E-05	0.12E-05	221.6	13.5	0.54E-06	0.55E-06
67.2	17.5	0.12E-05	0.12E-05	224.5	13.5	0.14E-06	0.14E-06
70.1	17.5	0.13E-05	0.14E-05	227.4	13.4	0.27E-06	0.28E-06
72.9	17.1	0.43E-06	0.44E-06	230.2	13.4	0.14E-06	0.14E-06
75.8	16.3	0.22E-06	0.22E-06	233.1	13.4	0.35E-06	0.35E-06
78.7	16.0	0.61E-05	0.65E-05	236.0	13.4	0.10E-05	0.11E-05
81.5	15.9	0.62E-06	0.63E-06	238.8	13.3	0.19E-05	0.20E-05
84.4	15.9	0.81E-05	0.86E-05	241.7	13.3	0.21E-06	0.21E-06
87.2	15.8	0.17E-06	0.18E-06	244.5	13.2	0.20E-06	0.20E-06
90.1	15.7	0.47E-05	0.49E-05	247.4	13.2	0.19E-06	0.19E-06
92.9	15.6	0.11E-05	0.11E-05	250.3	13.2	0.17E-06	0.17E-06
95.8	15.5	0.78E-06	0.79E-06	253.1	13.2	0.18E-06	0.18E-06
98.7	15.4	0.12E-06	0.12E-06	256.0	13.2	0.16E-06	0.17E-06
101.5	15.4	0.18E-06	0.18E-06	258.8	13.1	0.24E-06	0.24E-06
104.4	15.3	0.41E-06	0.41E-06	261.7	13.1	0.31E-06	0.31E-06
107.3	15.3	0.20E-05	0.21E-05	264.6	13.1	0.49E-06	0.50E-06
110.1	15.3	0.22E-05	0.23E-05	267.4	13.0	0.25E-06	0.25E-06
113.0	15.3	0.77E-06	0.79E-06	270.3	13.0	0.60E-06	0.61E-06
115.8	15.2	0.45E-06	0.46E-06	273.1	13.0	0.18E-06	0.18E-06
118.7	15.2	0.16E-06	0.16E-06	276.0	13.0	0.41E-05	0.43E-05
121.6	15.2	0.16E-06	0.17E-06	278.9	12.9	0.23E-06	0.24E-06
124.4	15.1	0.11E-06	0.11E-06	281.7	12.9	0.23E-06	0.24E-06
127.3	15.1	0.26E-06	0.26E-06	284.6	12.9	0.14E-06	0.14E-06
130.1	15.0	0.14E-06	0.14E-06	287.4	12.9	0.17E-06	0.17E-06
133.0	15.0	0.18E-06	0.18E-06	290.3	12.8	0.40E-06	0.40E-06
135.9	14.9	0.26E-06	0.26E-06	293.1	12.8	0.24E-06	0.24E-06
138.7	14.8	0.17E-06	0.17E-06	296.0	12.8	0.79E-06	0.81E-06
141.6	14.8	0.31E-06	0.31E-06	298.9	12.8	0.58E-06	0.59E-06
144.4	14.8	0.16E-06	0.17E-06	301.7	12.8	0.98E-06	0.10E-05
147.3	14.8	0.31E-06	0.31E-06	304.6	12.8	0.56E-06	0.57E-06
150.1	14.7	0.16E-06	0.16E-06	307.4	12.7	0.26E-05	0.27E-05
153.0	14.7	0.13E-06	0.13E-06	310.3	12.7	0.99E-06	0.10E-05
155.9	14.7	0.16E-06	0.16E-06	313.2	12.6	0.25E-06	0.25E-06

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
316.0	12.6	0.40E-05	0.42E-05
318.9	12.6	0.89E-05	0.94E-05
321.8	12.6	0.10E-03	0.12E-03
324.6	12.6	0.27E-04	0.29E-04
327.5	12.6	0.66E-04	0.74E-04
330.3	12.6	0.17E-03	0.19E-03
333.2	12.6	0.27E-03	0.32E-03
336.1	12.7	0.90E-04	0.10E-03
338.9	12.7	0.15E-04	0.16E-04
341.8	12.8	0.22E-06	0.22E-06
344.6	12.8	0.38E-05	0.39E-05
347.5	12.8	0.83E-05	0.87E-05
350.4	12.8	0.79E-05	0.83E-05
353.2	12.8	0.45E-05	0.47E-05
356.1	12.8	0.11E-05	0.11E-05
358.9	12.8	0.42E-05	0.44E-05
361.8	12.9	0.35E-04	0.38E-04
364.6	12.9	0.61E-05	0.64E-05
367.5	12.9	0.99E-05	0.11E-04
370.4	12.9	0.44E-05	0.46E-05
373.2	12.9	0.20E-05	0.20E-05
376.1	12.9	0.25E-05	0.26E-05
379.0	12.9	0.27E-04	0.29E-04
381.8	12.9	0.18E-04	0.19E-04
384.7	12.9	0.33E-04	0.37E-04
387.5	12.9	0.41E-04	0.45E-04
390.4	12.9	0.79E-04	0.89E-04
393.3	12.9	0.40E-04	0.44E-04
396.1	12.9	0.11E-04	0.12E-04
399.0	12.9	0.11E-04	0.12E-04
401.8	13.0	0.32E-04	0.35E-04
404.7	13.0	0.11E-04	0.12E-04
407.6	13.0	0.11E-04	0.12E-04
410.4	13.0	0.10E-04	0.11E-04
413.3	13.0	0.78E-05	0.82E-05
416.1	13.1	0.16E-04	0.17E-04
419.0	13.0	0.99E-06	0.10E-05
421.9	13.1	0.35E-05	0.36E-05
424.7	13.1	0.38E-05	0.39E-05
427.6	13.1	0.12E-04	0.13E-04
430.4	13.1	0.17E-04	0.18E-04
433.3	13.1	0.32E-05	0.33E-05
436.1	13.1	0.66E-06	0.67E-06
439.0	13.1	0.71E-06	0.73E-06
441.9	13.1	0.43E-05	0.45E-05
444.7	13.1	0.21E-05	0.22E-05
447.6	13.2	0.32E-04	0.35E-04
450.5	13.2	0.71E-04	0.80E-04
453.3	13.2	0.10E-03	0.12E-03
456.2	13.2	0.79E-03	0.10E-02

Bottom Salinity = 37.279



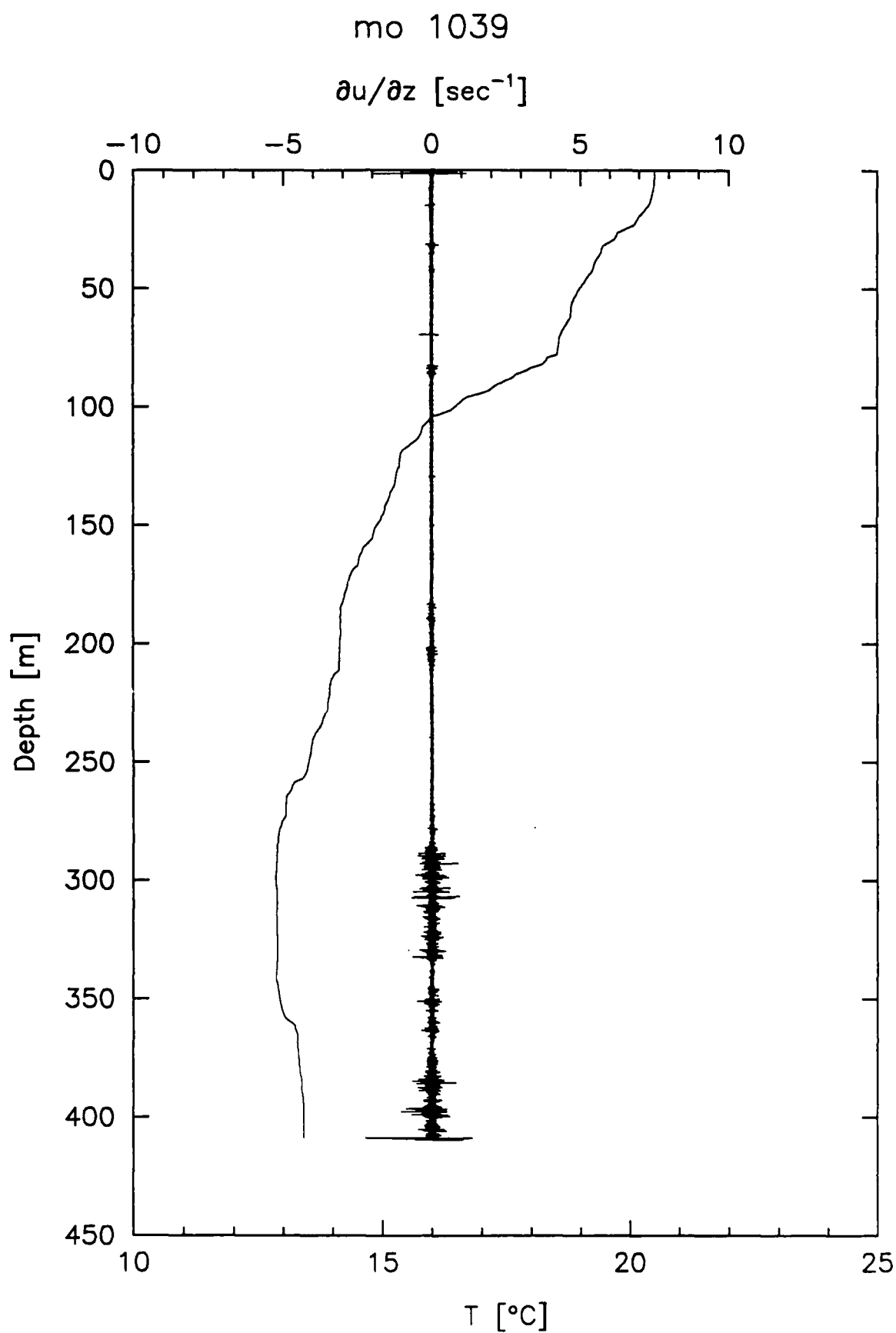


35 54.52 6 27.27 Lat/Lon
 23 SEP 1988 09:19 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

1053 XDP
 8 Site Number
 19882670919 23 SEP 1988 09:19 GMT
 19890472057 17 FEB 1989 20:57 GMT Digitized
 35 54.52 6 27.27 Lat/Lon
 410 Depth (m)
 1024 Sampling Rate
 0.3640 S P Sensitivity
 high Gain
 448 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.84 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	20.8	0.26E-02	0.39E-02
4.3	20.8	0.19E-06	0.19E-06
7.1	20.7	0.41E-02	0.67E-02
9.9	20.7	0.15E-02	0.21E-02
12.8	20.7	0.44E-06	0.45E-06
15.6	20.7	0.42E-06	0.43E-06
18.5	20.7	0.11E-05	0.12E-05
21.3	20.6	0.14E-05	0.15E-05
24.1	20.6	0.33E-06	0.34E-06
27.0	20.5	0.33E-07	0.33E-07
29.8	20.4	0.22E-07	0.22E-07
32.7	20.3	0.27E-07	0.27E-07
35.5	20.0	0.76E-07	0.76E-07
38.3	19.9	0.28E-06	0.28E-06
41.2	19.9	0.26E-05	0.26E-05
44.0	19.8	0.62E-05	0.65E-05
46.9	19.7	0.64E-05	0.67E-05
49.7	19.6	0.73E-07	0.73E-07
52.5	19.6	0.45E-06	0.46E-06
55.4	19.5	0.15E-06	0.15E-06
58.2	19.5	0.68E-07	0.68E-07
61.1	19.4	0.91E-07	0.92E-07
63.9	19.4	0.21E-06	0.21E-06
66.7	19.3	0.13E-06	0.13E-06
69.6	19.3	0.21E-07	0.22E-07
72.4	19.2	0.10E-07	0.10E-07
75.3	19.2	0.64E-07	0.64E-07
78.1	19.2	0.75E-08	0.76E-08
80.9	19.1	0.11E-07	0.11E-07
83.8	19.1	0.36E-07	0.36E-07
86.6	19.1	0.27E-07	0.27E-07
89.5	19.1	0.29E-07	0.30E-07
92.3	19.1	0.46E-06	0.46E-06
95.1	19.0	0.44E-07	0.45E-07

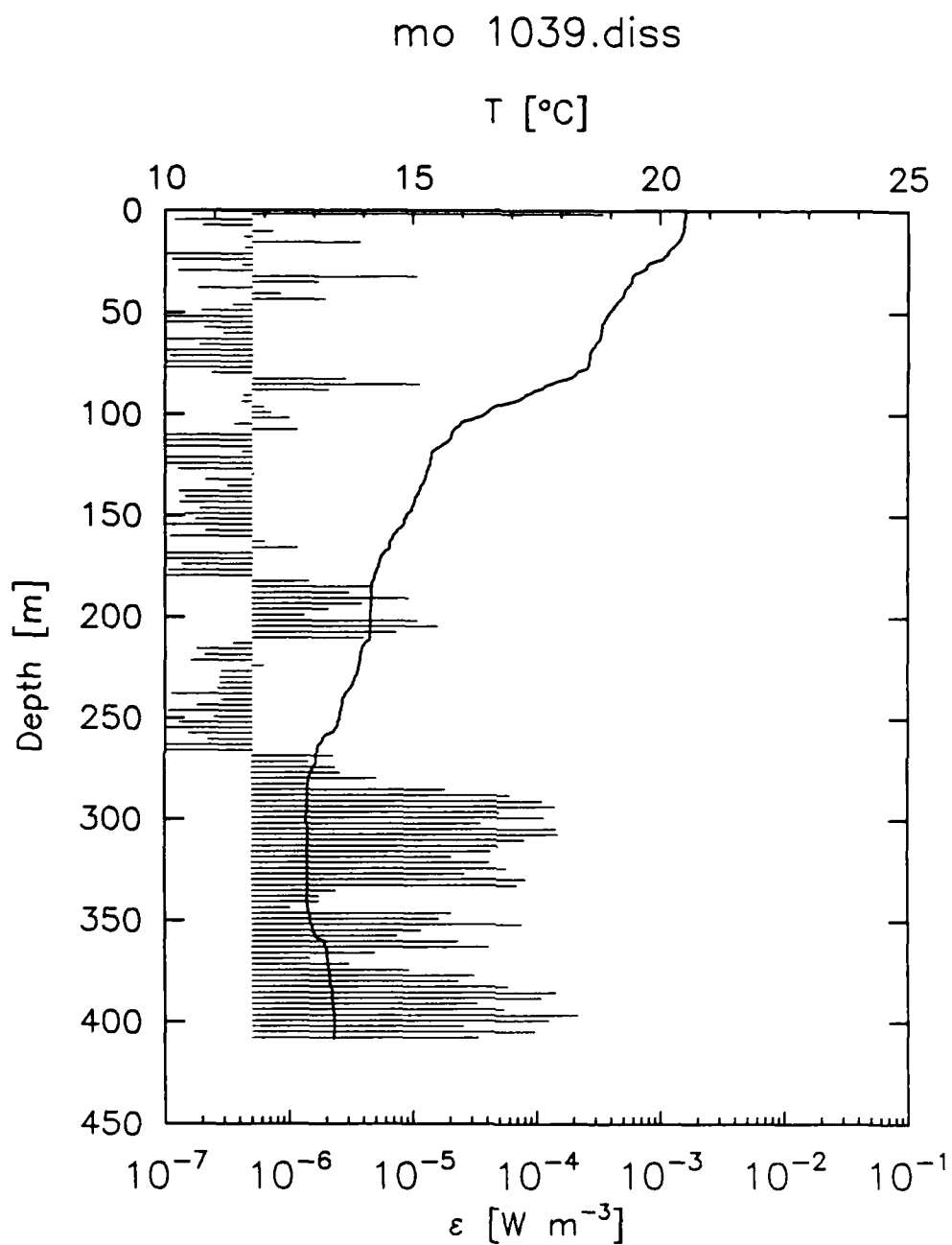
Bottom Salinity = 36.579



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.



35 54.30 6 27.41 Lat/Lon
 23 SEP 1988 09:22 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

1039 XDP
 8 Site Number
 19882670922 23 SEP 1988 09:22 GMT
 19890472121 17 FEB 1989 21:21 GMT Digitized
 35 54.30 6 27.41 Lat/Lon
 410 Depth (m)
 1024 Sampling Rate
 0.1490 S P Sensitivity
 high Gain
 444 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.78 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	20.5	0.34E-03	0.43E-03	154.3	14.8	0.38E-07	0.39E-07
4.2	20.5	0.12E-06	0.12E-06	157.1	14.7	0.21E-06	0.21E-06
7.0	20.5	0.20E-06	0.20E-06	159.9	14.6	0.11E-06	0.11E-06
9.7	20.5	0.74E-06	0.76E-06	162.6	14.5	0.63E-06	0.64E-06
12.5	20.4	0.43E-06	0.44E-06	165.4	14.5	0.12E-05	0.12E-05
15.3	20.4	0.38E-05	0.39E-05	168.2	14.4	0.10E-06	0.10E-06
18.1	20.2	0.44E-06	0.45E-06	171.0	14.3	0.89E-07	0.90E-07
20.8	20.2	0.98E-07	0.99E-07	173.7	14.3	0.14E-06	0.14E-06
23.6	20.0	0.11E-06	0.12E-06	176.5	14.3	0.11E-06	0.11E-06
26.4	19.8	0.42E-06	0.42E-06	179.3	14.2	0.75E-07	0.76E-07
29.2	19.6	0.13E-06	0.13E-06	182.1	14.2	0.14E-05	0.15E-05
32.0	19.5	0.11E-04	0.11E-04	184.9	14.2	0.48E-05	0.50E-05
34.8	19.4	0.17E-05	0.18E-05	187.7	14.2	0.31E-05	0.32E-05
37.5	19.3	0.18E-06	0.19E-06	190.4	14.2	0.92E-05	0.97E-05
40.3	19.3	0.85E-06	0.87E-06	193.2	14.2	0.39E-05	0.40E-05
43.1	19.2	0.20E-05	0.21E-05	196.0	14.1	0.21E-05	0.21E-05
45.9	19.1	0.35E-06	0.36E-06	198.8	14.1	0.13E-05	0.14E-05
48.7	19.0	0.20E-06	0.20E-06	201.5	14.1	0.11E-04	0.12E-04
51.4	18.9	0.96E-07	0.97E-07	204.3	14.1	0.16E-04	0.17E-04
54.2	18.9	0.23E-07	0.23E-07	207.1	14.1	0.74E-05	0.77E-05
57.0	18.8	0.21E-06	0.21E-06	209.9	14.1	0.40E-05	0.41E-05
59.8	18.8	0.29E-06	0.29E-06	212.7	14.0	0.35E-06	0.36E-06
62.5	18.8	0.79E-07	0.80E-07	215.4	14.0	0.18E-06	0.18E-06
65.3	18.7	0.19E-06	0.19E-06	218.2	13.9	0.21E-06	0.21E-06
68.1	18.6	0.39E-07	0.39E-07	221.0	13.9	0.16E-06	0.16E-06
70.9	18.6	0.11E-06	0.11E-06	223.8	13.9	0.63E-06	0.64E-06
73.7	18.6	0.56E-07	0.57E-07	226.6	13.9	0.28E-06	0.29E-06
76.5	18.5	0.47E-07	0.47E-07	229.4	13.8	0.27E-06	0.28E-06
79.2	18.3	0.24E-06	0.24E-06	232.1	13.8	0.28E-06	0.28E-06
82.0	18.2	0.28E-05	0.29E-05	234.9	13.7	0.27E-06	0.27E-06
84.8	17.8	0.12E-04	0.12E-04	237.7	13.6	0.11E-06	0.11E-06
87.6	17.6	0.21E-05	0.22E-05	240.5	13.6	0.28E-06	0.28E-06
90.4	17.3	0.43E-06	0.44E-06	243.2	13.6	0.18E-06	0.18E-06
93.1	17.1	0.42E-06	0.42E-06	246.0	13.5	0.11E-06	0.11E-06
95.9	16.7	0.62E-06	0.64E-06	248.8	13.5	0.25E-06	0.25E-06
98.7	16.5	0.72E-06	0.73E-06	251.6	13.5	0.13E-06	0.13E-06
101.5	16.3	0.10E-05	0.10E-05	254.4	13.4	0.71E-07	0.72E-07
104.3	16.0	0.36E-06	0.37E-06	257.1	13.3	0.15E-06	0.15E-06
107.0	15.9	0.12E-05	0.12E-05	259.9	13.2	0.22E-06	0.22E-06
109.8	15.8	0.96E-07	0.97E-07	262.7	13.1	0.98E-07	0.99E-07
112.6	15.7	0.59E-07	0.59E-07	265.5	13.1	0.97E-07	0.98E-07
115.4	15.6	0.34E-07	0.34E-07	268.3	13.1	0.23E-05	0.24E-05
118.2	15.4	0.42E-06	0.42E-06	271.0	13.1	0.14E-05	0.15E-05
120.9	15.4	0.98E-07	0.99E-07	273.8	13.0	0.24E-05	0.24E-05
123.7	15.4	0.71E-07	0.72E-07	276.6	12.9	0.26E-05	0.27E-05
126.5	15.3	0.13E-06	0.13E-06	279.4	12.9	0.51E-05	0.53E-05
129.3	15.3	0.52E-06	0.53E-06	282.2	12.9	0.14E-05	0.14E-05
132.0	15.3	0.21E-06	0.21E-06	285.0	12.9	0.18E-04	0.20E-04
134.8	15.2	0.32E-06	0.32E-06	287.7	12.9	0.61E-04	0.69E-04
137.6	15.1	0.13E-06	0.13E-06	290.5	12.9	0.11E-03	0.13E-03
140.4	15.1	0.15E-06	0.15E-06	293.3	12.9	0.14E-03	0.16E-03
143.2	15.0	0.13E-06	0.13E-06	296.1	12.9	0.50E-04	0.55E-04
145.9	15.0	0.19E-06	0.19E-06	298.9	12.8	0.12E-03	0.13E-03
148.7	14.9	0.15E-06	0.15E-06	301.6	12.9	0.35E-04	0.39E-04
151.5	14.8	0.17E-06	0.18E-06	304.4	12.9	0.15E-03	0.17E-03

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
307.2	12.9	0.15E-03	0.17E-03
310.0	12.9	0.81E-04	0.91E-04
312.8	12.9	0.49E-04	0.54E-04
315.5	12.9	0.43E-04	0.47E-04
318.3	12.9	0.21E-04	0.22E-04
321.1	12.9	0.42E-04	0.46E-04
323.9	12.9	0.58E-04	0.65E-04
326.6	12.9	0.26E-04	0.28E-04
329.4	12.9	0.82E-04	0.92E-04
332.2	12.9	0.70E-04	0.79E-04
335.0	12.9	0.24E-05	0.25E-05
337.8	12.9	0.17E-05	0.18E-05
340.5	12.9	0.17E-05	0.18E-05
343.3	12.9	0.10E-05	0.10E-05
346.1	12.9	0.20E-04	0.22E-04
348.9	12.9	0.16E-04	0.17E-04
351.7	12.9	0.75E-04	0.85E-04
354.5	13.0	0.12E-04	0.12E-04
357.2	13.0	0.74E-05	0.78E-05
360.0	13.2	0.24E-04	0.25E-04
362.8	13.2	0.41E-04	0.45E-04
365.6	13.3	0.50E-05	0.52E-05
368.4	13.3	0.15E-05	0.15E-05
371.1	13.3	0.31E-05	0.32E-05
373.9	13.3	0.94E-05	0.99E-05
376.7	13.3	0.32E-04	0.35E-04
379.5	13.3	0.24E-04	0.25E-04
382.3	13.3	0.59E-04	0.66E-04
385.0	13.4	0.14E-03	0.17E-03
387.8	13.4	0.11E-03	0.13E-03
390.6	13.4	0.33E-04	0.36E-04
393.4	13.4	0.55E-04	0.61E-04
396.1	13.4	0.22E-03	0.26E-03
398.9	13.4	0.13E-03	0.14E-03
401.7	13.4	0.26E-04	0.28E-04
404.5	13.4	0.97E-04	0.11E-03
407.3	13.4	0.34E-04	0.38E-04

Bottom Salinity = 36.579

Appendix G:

Tables and Profiles
of
Dissipation Rates and Temperature

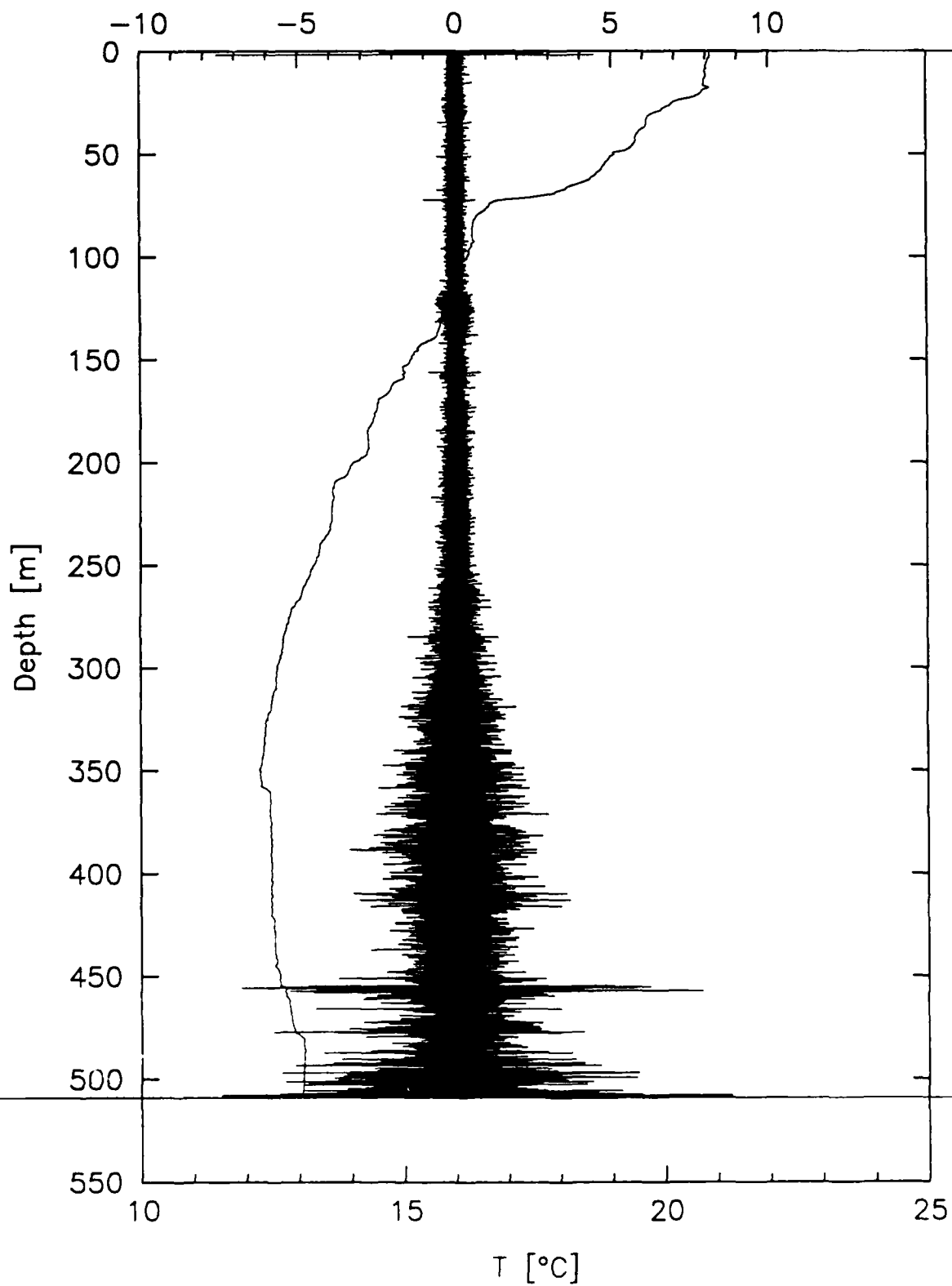
Section D

SECTION D

Station -----	Time -----	Location -----	XDP ---
5	23 SEP 1988 13:40 GMT	35 51.67 6 32.35	813
6	23 SEP 1988 14:32 GMT	35 50.17 6 34.93	810
6	23 SEP 1988 15:00 GMT	35 50.09 6 34.23	1050
6	27 SEP 1988 22:40 GMT	35 51.53 6 34.91	1065
7	23 SEP 1988 16:10 GMT	35 48.51 6 37.65	806

mo 0813

$\partial u / \partial z$ [sec⁻¹]



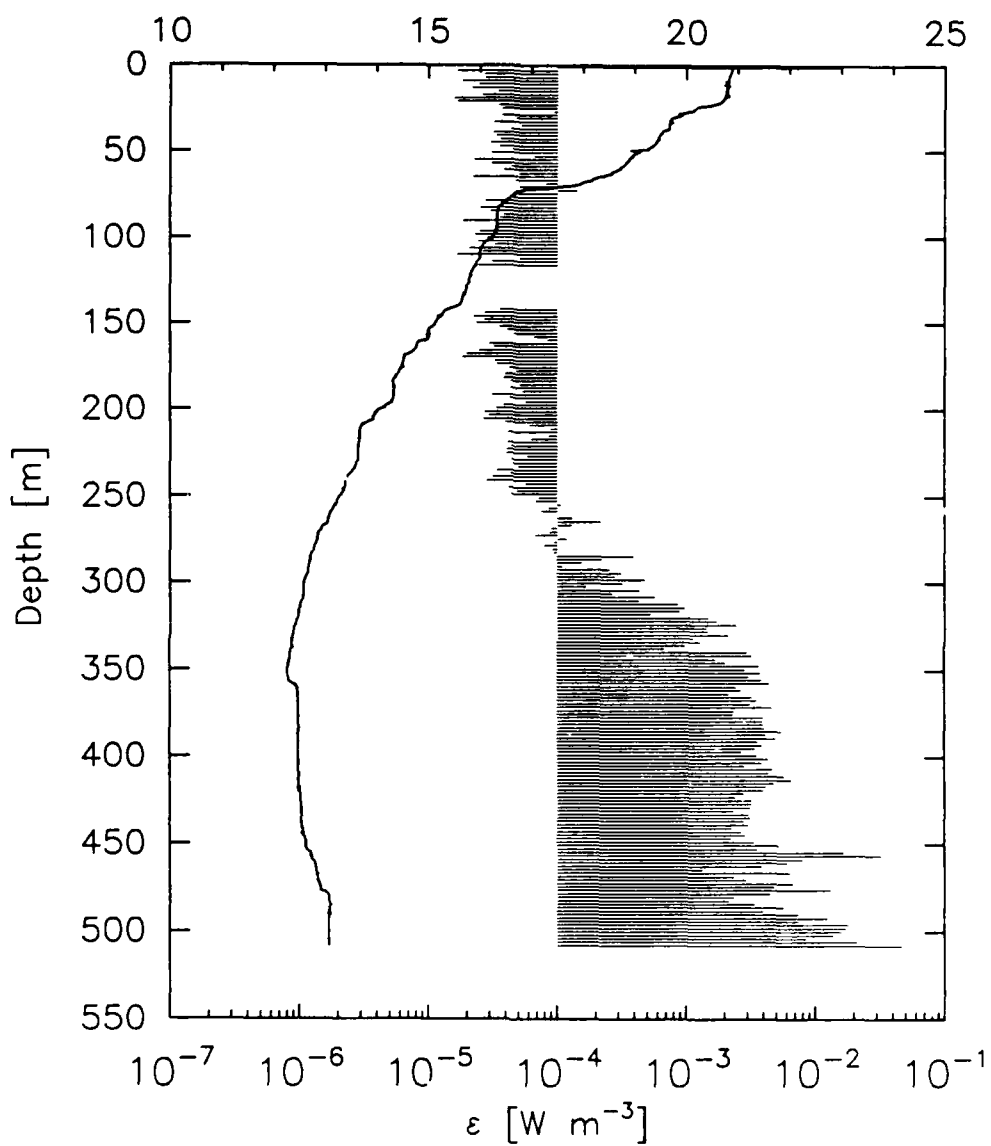
shear highpass: 10.

shear lowpass: 200.

temp lowpass: 3

mo 0813.diss

T [°C]



35 51.67 6 32.35 Lat/Lon
23 SEP 1988 13:40 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

813 XDP
 5 Site Number
 19882671340 23 SEP 1988 13:40 GMT
 19890472144 17 FEB 1989 21:44 GMT Digitized
 35 51.67 6 32.35 Lat/Lon
 510 Depth (m)
 1024 Sampling Rate
 0.2395 S P Sensitivity
 low Gain
 445 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 1.98 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.0	20.9	0.16E-01	0.29E-01	109.9	16.0	0.17E-04	0.18E-04
3.0	20.9	0.17E-04	0.18E-04	111.9	16.0	0.51E-04	0.56E-04
4.9	20.8	0.27E-04	0.29E-04	113.8	15.9	0.31E-04	0.33E-04
6.9	20.8	0.27E-04	0.30E-04	115.8	15.9	0.24E-04	0.26E-04
8.9	20.8	0.18E-04	0.19E-04	117.8	15.9	0.00E+00	0.00E+00
10.9	20.8	0.25E-04	0.26E-04	119.8	15.8	0.00E+00	0.00E+00
12.9	20.8	0.22E-04	0.23E-04	121.8	15.8	0.00E+00	0.00E+00
14.8	20.8	0.35E-04	0.38E-04	123.8	15.8	0.00E+00	0.00E+00
16.8	20.8	0.26E-04	0.28E-04	125.7	15.8	0.00E+00	0.00E+00
18.8	20.7	0.16E-04	0.17E-04	127.7	15.8	0.00E+00	0.00E+00
20.8	20.7	0.17E-04	0.18E-04	129.7	15.7	0.00E+00	0.00E+00
22.8	20.5	0.35E-04	0.38E-04	131.7	15.7	0.00E+00	0.00E+00
24.8	20.2	0.38E-04	0.41E-04	133.6	15.7	0.00E+00	0.00E+00
26.7	20.1	0.95E-04	0.11E-03	135.6	15.7	0.00E+00	0.00E+00
28.7	19.9	0.38E-04	0.41E-04	137.6	15.6	0.00E+00	0.00E+00
30.7	19.7	0.48E-04	0.53E-04	139.6	15.6	0.00E+00	0.00E+00
32.7	19.7	0.32E-04	0.36E-04	141.6	15.4	0.36E-04	0.40E-04
34.7	19.7	0.53E-04	0.58E-04	143.5	15.3	0.27E-04	0.30E-04
36.6	19.6	0.44E-04	0.48E-04	145.5	15.2	0.23E-04	0.24E-04
38.6	19.5	0.32E-04	0.35E-04	147.5	15.2	0.27E-04	0.29E-04
40.6	19.5	0.34E-04	0.37E-04	149.5	15.1	0.24E-04	0.26E-04
42.6	19.5	0.36E-04	0.40E-04	151.5	15.1	0.36E-04	0.40E-04
44.6	19.4	0.30E-04	0.33E-04	153.4	15.0	0.41E-04	0.45E-04
46.5	19.3	0.36E-04	0.39E-04	155.4	15.0	0.46E-04	0.51E-04
48.5	19.2	0.45E-04	0.50E-04	157.4	15.0	0.66E-04	0.74E-04
50.5	19.1	0.31E-04	0.33E-04	159.4	15.0	0.84E-04	0.95E-04
52.5	18.9	0.66E-04	0.75E-04	161.4	14.8	0.30E-04	0.32E-04
54.5	18.9	0.23E-04	0.24E-04	163.4	14.8	0.33E-04	0.36E-04
56.4	18.8	0.31E-04	0.34E-04	165.3	14.7	0.25E-04	0.27E-04
58.4	18.8	0.43E-04	0.48E-04	167.3	14.6	0.20E-04	0.21E-04
60.4	18.7	0.39E-04	0.43E-04	169.3	14.5	0.18E-04	0.20E-04
62.4	18.5	0.50E-04	0.55E-04	171.3	14.5	0.33E-04	0.36E-04
64.3	18.3	0.22E-04	0.24E-04	173.3	14.5	0.34E-04	0.37E-04
66.3	18.2	0.47E-04	0.52E-04	175.2	14.5	0.43E-04	0.47E-04
68.3	18.0	0.82E-04	0.92E-04	177.2	14.4	0.48E-04	0.52E-04
70.3	17.6	0.51E-04	0.56E-04	179.2	14.4	0.39E-04	0.43E-04
72.3	16.9	0.14E-03	0.16E-03	181.2	14.4	0.39E-04	0.43E-04
74.3	16.7	0.47E-04	0.52E-04	183.1	14.3	0.44E-04	0.48E-04
76.2	16.6	0.45E-04	0.50E-04	185.1	14.3	0.52E-04	0.57E-04
78.2	16.5	0.28E-04	0.30E-04	187.1	14.3	0.44E-04	0.48E-04
80.2	16.4	0.37E-04	0.40E-04	189.1	14.3	0.54E-04	0.60E-04
82.2	16.4	0.25E-04	0.27E-04	191.1	14.3	0.31E-04	0.34E-04
84.1	16.4	0.31E-04	0.33E-04	193.0	14.3	0.43E-04	0.47E-04
86.1	16.3	0.39E-04	0.42E-04	195.0	14.3	0.57E-04	0.64E-04
88.1	16.3	0.36E-04	0.39E-04	197.0	14.2	0.38E-04	0.42E-04
90.1	16.3	0.19E-04	0.20E-04	199.0	14.1	0.34E-04	0.37E-04
92.1	16.3	0.33E-04	0.37E-04	201.0	14.0	0.28E-04	0.30E-04
94.1	16.3	0.33E-04	0.37E-04	202.9	14.0	0.29E-04	0.32E-04
96.0	16.3	0.25E-04	0.27E-04	204.9	13.9	0.27E-04	0.29E-04
98.0	16.3	0.23E-04	0.25E-04	206.9	13.9	0.39E-04	0.43E-04
100.0	16.2	0.28E-04	0.30E-04	208.9	13.7	0.61E-04	0.68E-04
102.0	16.1	0.24E-04	0.26E-04	210.9	13.7	0.89E-04	0.10E 03
103.9	16.1	0.33E-04	0.36E-04	212.9	13.7	0.42E-04	0.46E-04
105.9	16.0	0.21E-04	0.22E-04	214.8	13.7	0.86E-04	0.97E-04
107.9	16.0	0.26E-04	0.28E-04	216.8	13.7	0.63E-04	0.71E-04

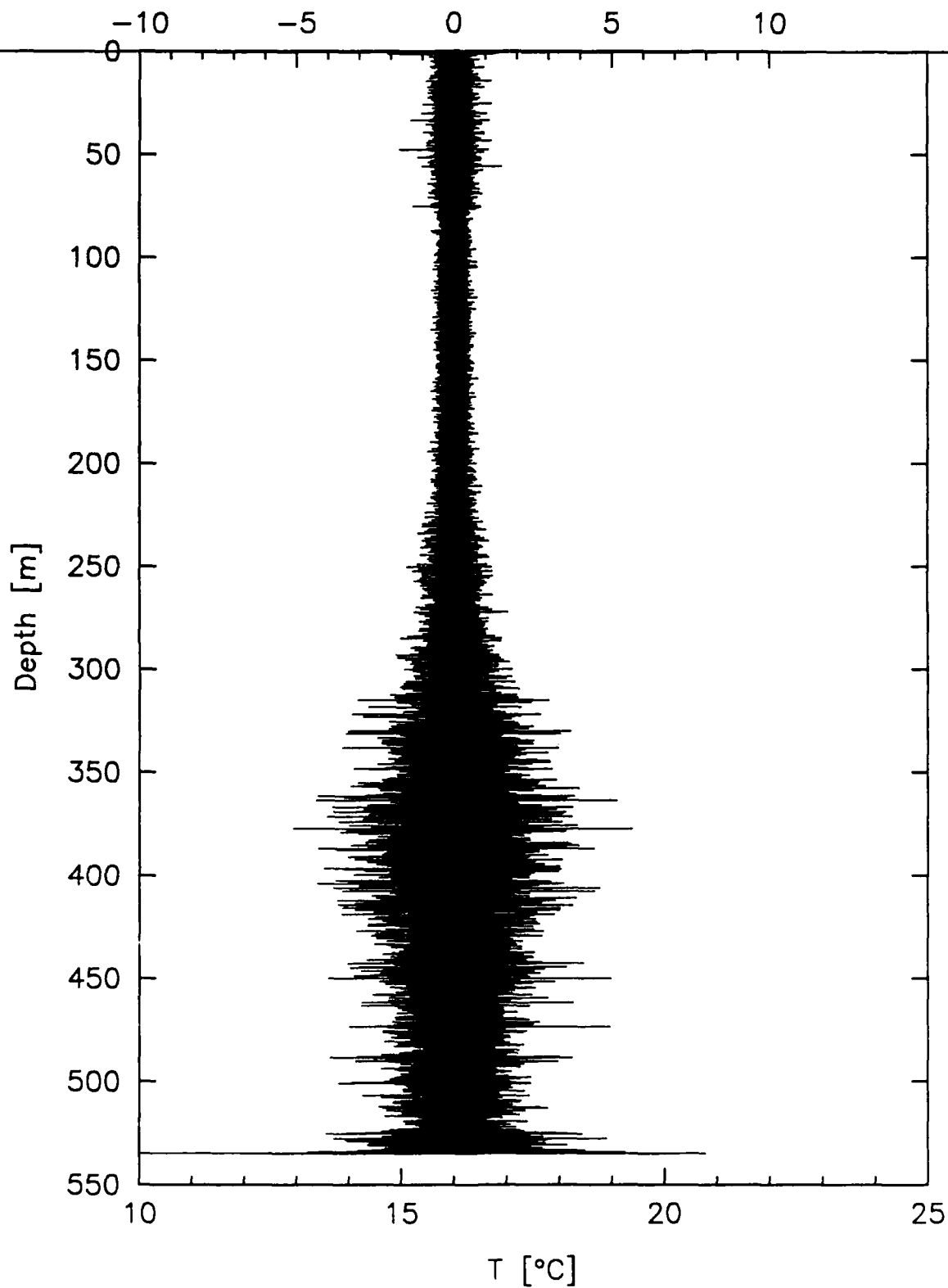
Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
218.8	13.7	0.41E-04	0.45E-04	357.4	12.3	0.45E-02	0.73E-02
220.8	13.6	0.44E-04	0.49E-04	359.4	12.4	0.25E-02	0.37E-02
222.8	13.6	0.40E-04	0.44E-04	361.3	12.5	0.27E-02	0.41E-02
224.7	13.6	0.40E-04	0.44E-04	363.3	12.5	0.22E-02	0.33E-02
226.7	13.6	0.58E-04	0.65E-04	365.3	12.5	0.32E-02	0.53E-02
228.7	13.6	0.44E-04	0.48E-04	367.3	12.5	0.35E-02	0.57E-02
230.7	13.6	0.46E-04	0.50E-04	369.3	12.5	0.31E-02	0.52E-02
232.6	13.6	0.50E-04	0.55E-04	371.3	12.5	0.46E-02	0.84E-02
234.6	13.6	0.34E-04	0.38E-04	373.2	12.5	0.23E-02	0.35E-02
236.6	13.5	0.44E-04	0.48E-04	375.2	12.5	0.23E-02	0.35E-02
238.6	13.4	0.32E-04	0.35E-04	377.2	12.5	0.39E-02	0.64E-02
240.6	13.4	0.29E-04	0.31E-04	379.2	12.5	0.39E-02	0.64E-02
242.5	13.4	0.57E-04	0.64E-04	381.1	12.5	0.39E-02	0.64E-02
244.5	13.4	0.42E-04	0.46E-04	383.1	12.5	0.40E-02	0.66E-02
246.5	13.4	0.49E-04	0.54E-04	385.1	12.5	0.55E-02	0.10E-01
248.5	13.3	0.44E-04	0.49E-04	387.1	12.5	0.42E-02	0.68E-02
250.5	13.3	0.72E-04	0.81E-04	389.1	12.5	0.50E-02	0.91E-02
252.4	13.2	0.68E-04	0.77E-04	391.0	12.5	0.36E-02	0.59E-02
254.4	13.2	0.11E-03	0.12E-03	393.0	12.5	0.39E-02	0.64E-02
256.4	13.2	0.86E-04	0.97E-04	395.0	12.5	0.35E-02	0.57E-02
258.4	13.1	0.76E-04	0.85E-04	397.0	12.5	0.27E-02	0.41E-02
260.4	13.1	0.10E-03	0.12E-03	399.0	12.5	0.35E-02	0.57E-02
262.3	13.1	0.13E-03	0.15E-03	401.0	12.5	0.43E-02	0.71E-02
264.3	13.0	0.22E-03	0.26E-03	402.9	12.5	0.39E-02	0.63E-02
266.3	13.0	0.13E-03	0.15E-03	404.9	12.5	0.29E-02	0.47E-02
268.3	12.9	0.90E-04	0.10E-03	406.9	12.5	0.47E-02	0.85E-02
270.3	12.9	0.87E-04	0.97E-04	408.9	12.5	0.43E-02	0.71E-02
272.3	12.9	0.67E-04	0.76E-04	410.8	12.5	0.58E-02	0.10E-01
274.2	12.8	0.12E-03	0.13E-03	412.8	12.5	0.66E-02	0.12E-01
276.2	12.8	0.95E-04	0.11E-03	414.8	12.5	0.48E-02	0.87E-02
278.2	12.8	0.79E-04	0.88E-04	416.8	12.5	0.42E-02	0.68E-02
280.2	12.8	0.91E-04	0.10E-03	418.8	12.5	0.40E-02	0.65E-02
282.1	12.8	0.95E-04	0.11E-03	420.8	12.5	0.28E-02	0.46E-02
284.1	12.7	0.39E-03	0.49E-03	422.7	12.5	0.24E-02	0.36E-02
286.1	12.7	0.22E-03	0.26E-03	424.7	12.5	0.32E-02	0.52E-02
288.1	12.7	0.16E-03	0.18E-03	426.7	12.5	0.32E-02	0.52E-02
290.1	12.7	0.11E-03	0.13E-03	428.7	12.5	0.31E-02	0.51E-02
292.0	12.7	0.25E-03	0.30E-03	430.6	12.5	0.23E-02	0.35E-02
294.0	12.7	0.31E-03	0.37E-03	432.6	12.5	0.31E-02	0.50E-02
296.0	12.6	0.28E-03	0.33E-03	434.6	12.5	0.32E-02	0.52E-02
298.0	12.6	0.48E-03	0.60E-03	436.6	12.5	0.28E-02	0.46E-02
300.0	12.6	0.32E-03	0.40E-03	438.6	12.5	0.31E-02	0.50E-02
302.0	12.6	0.17E-03	0.19E-03	440.5	12.6	0.23E-02	0.34E-02
303.9	12.6	0.43E-03	0.54E-03	442.5	12.6	0.27E-02	0.40E-02
305.9	12.6	0.27E-03	0.32E-03	444.5	12.6	0.29E-02	0.47E-02
307.9	12.6	0.57E-03	0.75E-03	446.5	12.6	0.22E-02	0.34E-02
309.9	12.6	0.43E-03	0.54E-03	448.5	12.6	0.34E-02	0.55E-02
311.8	12.5	0.86E-03	0.11E-02	450.5	12.6	0.53E-02	0.95E-02
313.8	12.5	0.97E-03	0.14E-02	452.4	12.6	0.36E-02	0.58E-02
315.8	12.5	0.89E-03	0.12E-02	454.4	12.7	0.17E-01	0.30E-01
317.8	12.5	0.53E-03	0.67E-03	456.4	12.7	0.33E-01	0.59E-01
319.8	12.5	0.15E-02	0.21E-02	458.4	12.7	0.80E-02	0.15E-01
321.8	12.4	0.17E-02	0.26E-02	460.3	12.8	0.61E-02	0.11E-01
323.7	12.4	0.24E-02	0.37E-02	462.3	12.8	0.39E-02	0.63E-02
325.7	12.4	0.14E-02	0.20E-02	464.3	12.8	0.14E-02	0.19E-02
327.7	12.4	0.15E-02	0.21E-02	466.3	12.8	0.64E-02	0.12E-01
329.7	12.4	0.21E-02	0.32E-02	468.3	12.8	0.24E-02	0.36E-02
331.6	12.4	0.11E-02	0.16E-02	470.3	12.9	0.29E-02	0.48E-02
333.6	12.4	0.13E-02	0.18E-02	472.2	12.9	0.67E-02	0.12E-01
335.6	12.4	0.99E-03	0.14E-02	474.2	12.9	0.49E-02	0.88E-02
337.6	12.4	0.68E-03	0.90E-03	476.2	12.9	0.13E-01	0.24E-01
339.6	12.3	0.30E-02	0.49E-02	478.2	13.0	0.45E-02	0.74E-02
341.5	12.3	0.32E-02	0.53E-02	480.1	13.1	0.23E-02	0.36E-02
343.5	12.3	0.17E-02	0.26E-02	482.1	13.1	0.22E-02	0.33E-02
345.5	12.3	0.20E-02	0.31E-02	484.1	13.1	0.34E-02	0.56E-02
347.5	12.3	0.37E-02	0.61E-02	486.1	13.1	0.57E-02	0.10E-01
349.5	12.3	0.29E-02	0.47E-02	488.1	13.1	0.40E-02	0.65E-02
351.5	12.3	0.38E-02	0.62E-02	490.0	13.1	0.74E-02	0.13E-01
353.4	12.3	0.31E-02	0.50E-02	492.0	13.1	0.13E-01	0.23E-01
355.4	12.3	0.39E-02	0.63E-02	494.0	13.1	0.74E-02	0.13E-01

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
496.0	13.1	0.18E-01	0.33E-01
498.0	13.1	0.17E-01	0.31E-01
500.0	13.1	0.16E-01	0.30E-01
501.9	13.1	0.14E-01	0.26E-01
503.9	13.1	0.85E-02	0.15E-01
505.9	13.1	0.21E-01	0.38E-01
507.9	13.1	0.47E-01	0.85E-01

Bottom Salinity = 37.597

mo 0810

$\partial u / \partial z$ [sec⁻¹]

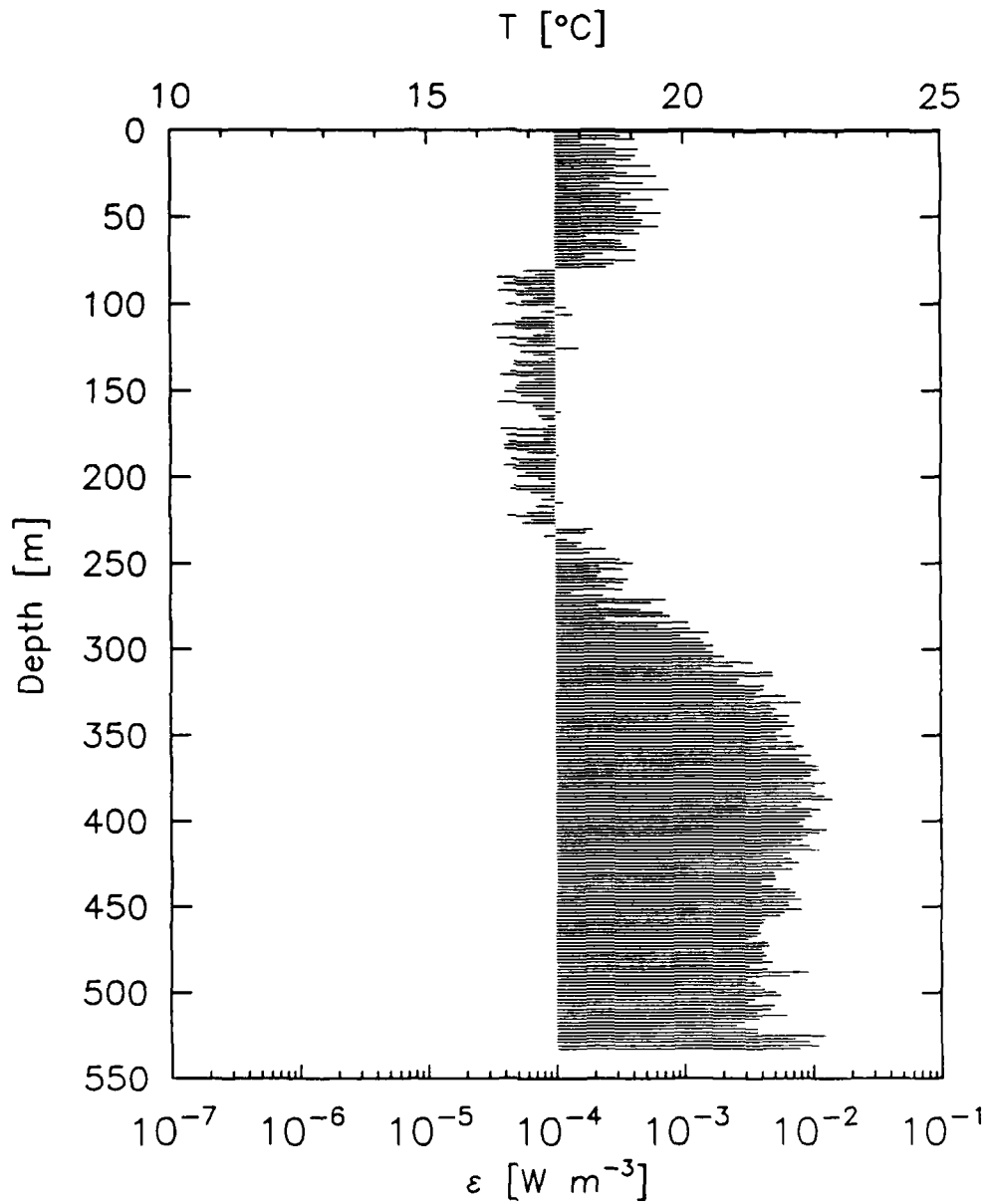


shear highpass: 10.

shear lowpass: 200.

temp lowpass: 3.

mo 0810.diss



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23 SEP 1988 14:32 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

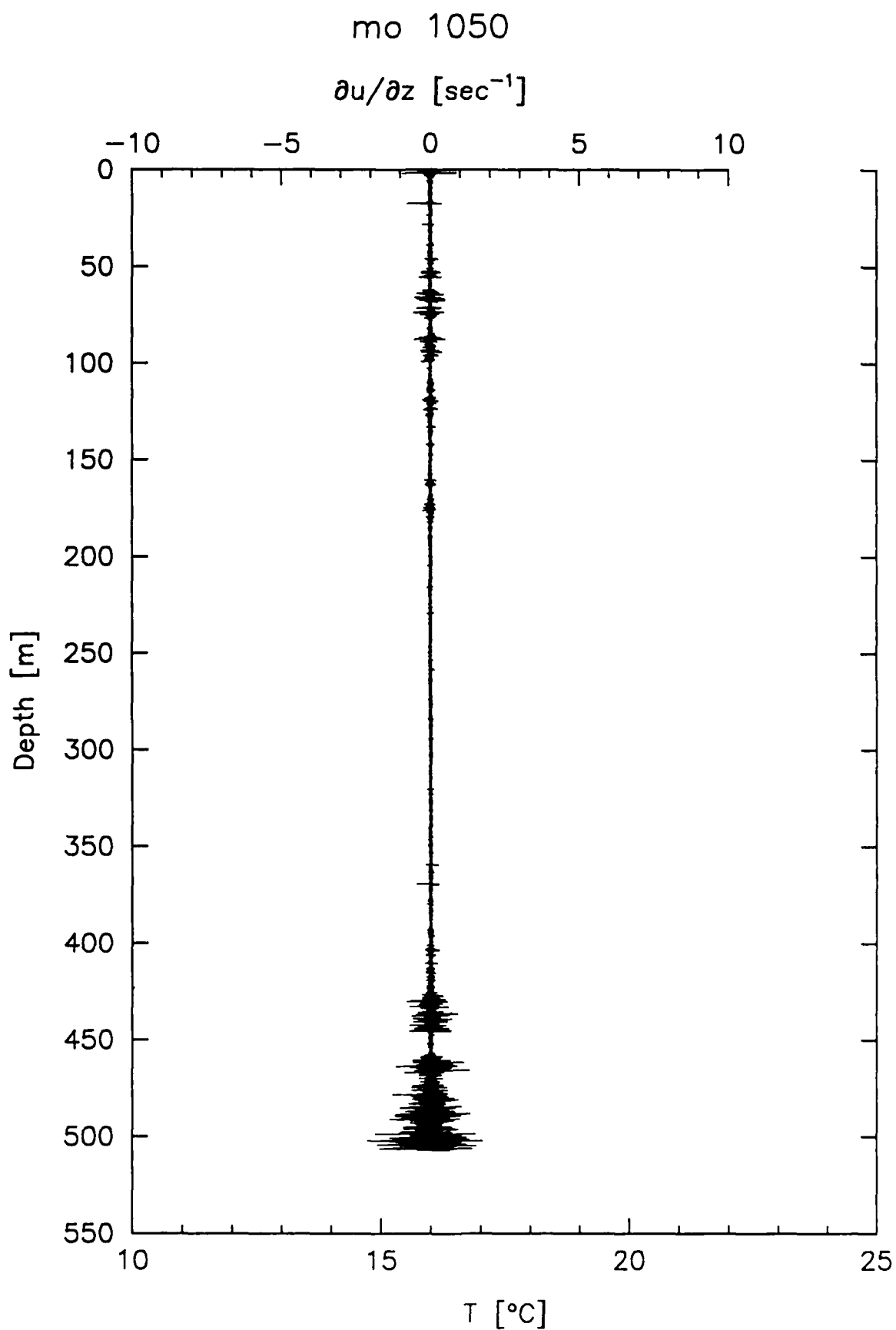
810 XDP
 6 Site Number
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 35 50.17 6 34.93 Lat/Lon
 535 Depth (m)
 1024 Sampling Rate
 0.2781 S P Sensitivity
 low Gain
 446 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 1.94 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.0	2.2	0.19E+00	0.35E+00	107.7	3.7	0.54E-04	0.59E-04
2.9	2.0	0.33E-03	0.41E-03	109.6	2.7	0.49E-04	0.54E-04
4.8	2.0	0.43E-03	0.53E-03	111.6	2.7	0.32E-04	0.36E-04
6.8	1.8	0.16E-03	0.18E-03	113.5	3.5	0.49E-04	0.54E-04
8.7	2.5	0.25E-03	0.30E-03	115.4	3.0	0.84E-04	0.94E-04
10.7	2.6	0.45E-03	0.56E-03	117.4	2.8	0.67E-04	0.75E-04
12.6	2.5	0.30E-03	0.36E-03	119.3	2.6	0.34E-04	0.38E-04
14.6	2.1	0.43E-03	0.53E-03	121.3	3.5	0.60E-04	0.67E-04
16.5	2.3	0.39E-03	0.49E-03	123.2	3.6	0.44E-04	0.48E-04
18.4	2.8	0.25E-03	0.30E-03	125.1	3.0	0.15E-03	0.17E-03
20.4	2.2	0.56E-03	0.73E-03	127.1	2.8	0.54E-04	0.59E-04
22.3	1.9	0.29E-03	0.34E-03	129.0	3.1	0.66E-04	0.74E-04
24.3	2.0	0.36E-03	0.45E-03	130.9	3.1	0.88E-04	0.98E-04
26.2	2.8	0.61E-03	0.81E-03	132.9	2.9	0.47E-04	0.52E-04
28.1	2.6	0.27E-03	0.32E-03	134.8	3.1	0.47E-04	0.51E-04
30.1	2.4	0.48E-03	0.60E-03	136.8	3.1	0.67E-04	0.75E-04
32.0	2.6	0.22E-03	0.27E-03	138.7	3.7	0.44E-04	0.48E-04
33.9	2.7	0.77E-03	0.10E-02	140.7	3.1	0.37E-04	0.40E-04
35.9	2.6	0.39E-03	0.48E-03	142.6	3.0	0.69E-04	0.77E-04
37.8	2.7	0.33E-03	0.41E-03	144.5	3.0	0.52E-04	0.57E-04
39.8	2.1	0.57E-03	0.75E-03	146.5	3.6	0.50E-04	0.54E-04
41.7	2.3	0.33E-03	0.41E-03	148.4	3.6	0.49E-04	0.53E-04
43.7	2.5	0.44E-03	0.55E-03	150.3	3.7	0.40E-04	0.44E-04
45.6	2.4	0.43E-03	0.54E-03	152.3	3.2	0.54E-04	0.59E-04
47.5	2.4	0.67E-03	0.89E-03	154.2	3.4	0.81E-04	0.91E-04
49.5	2.4	0.41E-03	0.51E-03	156.2	3.5	0.36E-04	0.39E-04
51.4	2.3	0.48E-03	0.60E-03	158.1	3.6	0.67E-04	0.75E-04
53.3	2.5	0.47E-03	0.59E-03	160.0	3.4	0.71E-04	0.80E-04
55.3	2.5	0.65E-03	0.85E-03	162.0	3.9	0.11E-03	0.13E-03
57.2	2.6	0.42E-03	0.52E-03	163.9	3.4	0.74E-04	0.83E-04
59.2	2.6	0.46E-03	0.58E-03	165.9	3.5	0.79E-04	0.88E-04
61.1	2.8	0.18E-03	0.20E-03	167.8	4.0	0.99E-04	0.11E-03
63.1	2.5	0.33E-03	0.41E-03	169.8	3.4	0.86E-04	0.97E-04
65.0	3.1	0.34E-03	0.42E-03	171.7	4.0	0.37E-04	0.41E-04
66.9	3.1	0.37E-03	0.47E-03	173.6	3.2	0.80E-04	0.90E-04
68.9	2.9	0.44E-03	0.55E-03	175.6	3.3	0.41E-04	0.45E-04
70.8	3.2	0.24E-03	0.28E-03	177.5	3.7	0.80E-04	0.90E-04
72.8	3.1	0.17E-03	0.20E-03	179.4	2.9	0.43E-04	0.47E-04
74.7	3.2	0.43E-03	0.53E-03	181.4	3.5	0.39E-04	0.43E-04
76.6	2.6	0.29E-03	0.34E-03	183.3	4.3	0.40E-04	0.44E-04
78.6	5.8	0.25E-03	0.30E-03	185.3	4.5	0.60E-04	0.68E-04
80.5	4.0	0.57E-04	0.64E-04	187.2	3.8	0.11E-03	0.12E-03
82.4	2.8	0.70E-04	0.78E-04	189.2	3.6	0.45E-04	0.49E-04
84.4	3.2	0.35E-04	0.39E-04	191.1	3.7	0.52E-04	0.57E-04
86.3	3.7	0.47E-04	0.52E-04	193.0	2.9	0.39E-04	0.43E-04
88.3	3.4	0.39E-04	0.43E-04	195.0	3.5	0.47E-04	0.51E-04
90.2	3.3	0.57E-04	0.65E-04	196.9	3.8	0.59E-04	0.66E-04
92.2	3.2	0.36E-04	0.40E-04	198.8	3.5	0.50E-04	0.55E-04
94.1	2.9	0.49E-04	0.54E-04	200.8	4.1	0.73E-04	0.82E-04
96.0	3.2	0.67E-04	0.75E-04	202.7	4.2	0.92E-04	0.10E-03
98.0	2.8	0.55E-04	0.60E-04	204.7	3.5	0.47E-04	0.52E-04
99.9	2.9	0.42E-04	0.46E-04	206.6	3.9	0.44E-04	0.49E-04
101.9	2.8	0.12E-03	0.14E-03	208.5	4.0	0.64E-04	0.71E-04
103.8	3.0	0.78E-04	0.88E-04	210.5	7.2	0.92E-04	0.10E-03
105.7	3.3	0.14E-03	0.16E-03	212.4	4.0	0.79E-04	0.88E-04

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
214.4	5.7	0.12E-03	0.13E-03	350.2	6.0	0.69E-02	0.12E-01
216.3	3.7	0.70E-04	0.79E-04	352.1	7.8	0.54E-02	0.98E-02
218.3	4.6	0.96E-04	0.11E-03	354.1	8.6	0.70E-02	0.13E-01
220.2	9.3	0.60E-04	0.67E-04	356.0	10.8	0.87E-02	0.16E-01
222.1	3.7	0.42E-04	0.47E-04	357.9	10.6	0.75E-02	0.14E-01
224.1	4.4	0.64E-04	0.72E-04	359.9	8.2	0.45E-02	0.74E-02
226.0	3.3	0.55E-04	0.60E-04	361.8	10.0	0.98E-02	0.18E-01
227.9	3.9	0.98E-04	0.11E-03	363.8	9.1	0.78E-02	0.14E-01
229.9	4.0	0.19E-03	0.23E-03	365.7	5.2	0.87E-02	0.16E-01
231.8	7.8	0.17E-03	0.20E-03	367.6	9.9	0.11E-01	0.20E-01
233.8	7.0	0.81E-04	0.91E-04	369.6	10.3	0.11E-01	0.20E-01
235.7	3.4	0.12E-03	0.14E-03	371.5	7.9	0.96E-02	0.17E-01
237.7	6.2	0.16E-03	0.18E-03	373.5	9.1	0.95E-02	0.17E-01
239.6	4.6	0.15E-03	0.17E-03	375.4	10.1	0.84E-02	0.15E-01
241.5	7.1	0.25E-03	0.29E-03	377.3	7.6	0.12E-01	0.23E-01
243.5	10.1	0.19E-03	0.22E-03	379.3	10.0	0.10E-01	0.19E-01
245.4	3.8	0.10E-03	0.12E-03	381.2	10.5	0.95E-02	0.17E-01
247.3	6.8	0.32E-03	0.40E-03	383.1	10.1	0.11E-01	0.19E-01
249.3	10.5	0.40E-03	0.50E-03	385.1	10.1	0.12E-01	0.22E-01
251.2	3.9	0.22E-03	0.26E-03	387.0	9.2	0.14E-01	0.26E-01
253.2	4.1	0.33E-03	0.42E-03	389.0	9.8	0.82E-02	0.15E-01
255.1	3.9	0.23E-03	0.27E-03	390.9	10.5	0.77E-02	0.14E-01
257.1	4.1	0.21E-03	0.25E-03	392.8	10.4	0.11E-01	0.21E-01
259.0	6.6	0.37E-03	0.46E-03	394.8	10.3	0.95E-02	0.17E-01
260.9	3.9	0.33E-03	0.42E-03	396.7	10.5	0.99E-02	0.18E-01
262.9	3.8	0.25E-03	0.29E-03	398.7	10.3	0.88E-02	0.16E-01
264.8	5.4	0.33E-03	0.42E-03	400.6	10.3	0.81E-02	0.15E-01
266.8	3.6	0.13E-03	0.15E-03	402.6	10.6	0.84E-02	0.15E-01
268.7	5.6	0.23E-03	0.28E-03	404.5	10.0	0.13E-01	0.23E-01
270.6	9.7	0.73E-03	0.96E-03	406.4	9.7	0.11E-01	0.20E-01
272.6	9.6	0.56E-03	0.74E-03	408.4	10.0	0.91E-02	0.17E-01
274.5	4.2	0.22E-03	0.26E-03	410.3	10.3	0.83E-02	0.15E-01
276.5	8.6	0.46E-03	0.58E-03	412.3	10.2	0.69E-02	0.12E-01
278.4	6.8	0.69E-03	0.91E-03	414.2	10.6	0.94E-02	0.17E-01
280.3	6.6	0.78E-03	0.10E-02	416.1	10.0	0.11E-01	0.20E-01
282.3	4.5	0.24E-03	0.29E-03	418.1	10.2	0.66E-02	0.12E-01
284.2	9.7	0.11E-02	0.15E-02	420.0	8.8	0.58E-02	0.11E-01
286.2	5.3	0.62E-03	0.82E-03	422.0	10.0	0.68E-02	0.12E-01
288.1	9.9	0.11E-02	0.16E-02	423.9	9.9	0.77E-02	0.14E-01
290.0	4.3	0.15E-02	0.22E-02	425.8	10.5	0.57E-02	0.10E-01
292.0	7.4	0.94E-03	0.12E-02	427.8	10.7	0.68E-02	0.12E-01
293.9	7.8	0.13E-02	0.19E-02	429.7	9.7	0.49E-02	0.90E-02
295.8	4.6	0.14E-02	0.20E-02	431.6	10.1	0.51E-02	0.93E-02
297.8	5.8	0.17E-02	0.25E-02	433.6	10.2	0.52E-02	0.94E-02
299.7	3.7	0.15E-02	0.21E-02	435.5	10.1	0.40E-02	0.65E-02
301.7	8.0	0.17E-02	0.26E-02	437.5	10.2	0.49E-02	0.88E-02
303.6	10.9	0.20E-02	0.31E-02	439.4	10.6	0.66E-02	0.12E-01
305.6	10.1	0.17E-02	0.25E-02	441.3	10.7	0.74E-02	0.13E-01
307.5	11.3	0.34E-02	0.56E-02	443.3	10.2	0.73E-02	0.13E-01
309.4	8.9	0.24E-02	0.36E-02	445.2	10.5	0.81E-02	0.15E-01
311.4	7.1	0.14E-02	0.19E-02	447.2	10.0	0.65E-02	0.12E-01
313.3	8.3	0.48E-02	0.88E-02	449.1	10.6	0.66E-02	0.12E-01
315.3	8.4	0.49E-02	0.89E-02	451.1	10.4	0.81E-02	0.15E-01
317.2	11.1	0.27E-02	0.40E-02	453.0	10.4	0.60E-02	0.11E-01
319.1	8.2	0.26E-02	0.39E-02	454.9	10.4	0.56E-02	0.10E-01
321.1	9.8	0.42E-02	0.68E-02	456.9	10.8	0.42E-02	0.69E-02
323.0	10.0	0.41E-02	0.67E-02	458.8	10.7	0.42E-02	0.69E-02
325.0	9.8	0.37E-02	0.60E-02	460.8	10.9	0.39E-02	0.64E-02
326.9	8.4	0.62E-02	0.11E-01	462.7	10.8	0.38E-02	0.62E-02
328.8	7.8	0.35E-02	0.58E-02	464.6	10.8	0.40E-02	0.65E-02
330.8	8.2	0.82E-02	0.15E-01	466.6	11.0	0.37E-02	0.61E-02
332.7	9.7	0.47E-02	0.86E-02	468.5	10.9	0.32E-02	0.52E-02
334.7	10.9	0.53E-02	0.96E-02	470.5	11.0	0.45E-02	0.74E-02
336.6	10.1	0.49E-02	0.90E-02	472.4	11.0	0.44E-02	0.83E-02
338.5	9.5	0.66E-02	0.12E-01	474.3	11.0	0.40E-02	0.66E-02
340.5	6.8	0.54E-02	0.99E-02	476.3	11.3	0.41E-02	0.67E-02
342.4	7.4	0.64E-02	0.12E-01	478.2	11.1	0.43E-02	0.71E-02
344.3	7.0	0.73E-02	0.13E-01	480.1	11.2	0.40E-02	0.66E-02
346.3	10.2	0.59E-02	0.11E-01	482.1	11.3	0.44E-02	0.88E-02
348.2	8.9	0.52E-02	0.94E-02	484.0	11.4	0.32E-02	0.53E-02

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
486.0	11.4	0.44E-02	0.72E-02
487.9	11.3	0.94E-02	0.17E-01
489.8	11.4	0.66E-02	0.12E-01
491.8	11.2	0.31E-02	0.50E-02
493.7	11.2	0.36E-02	0.59E-02
495.7	11.4	0.39E-02	0.64E-02
497.6	11.3	0.42E-02	0.69E-02
499.6	11.4	0.52E-02	0.95E-02
501.5	11.4	0.57E-02	0.10E-01
503.4	11.5	0.35E-02	0.58E-02
505.4	11.3	0.32E-02	0.52E-02
507.3	11.5	0.50E-02	0.92E-02
509.3	11.5	0.47E-02	0.86E-02
511.2	11.3	0.37E-02	0.61E-02
513.1	11.4	0.63E-02	0.11E-01
515.1	11.6	0.38E-02	0.63E-02
517.0	11.7	0.29E-02	0.48E-02
518.9	11.6	0.26E-02	0.39E-02
520.9	11.6	0.37E-02	0.61E-02
522.8	11.6	0.37E-02	0.61E-02
524.8	11.7	0.13E-01	0.23E-01
526.7	11.7	0.74E-02	0.14E-01
528.7	11.7	0.96E-02	0.17E-01
530.6	11.7	0.11E-01	0.20E-01
532.5	11.7	0.80E-02	0.14E-01

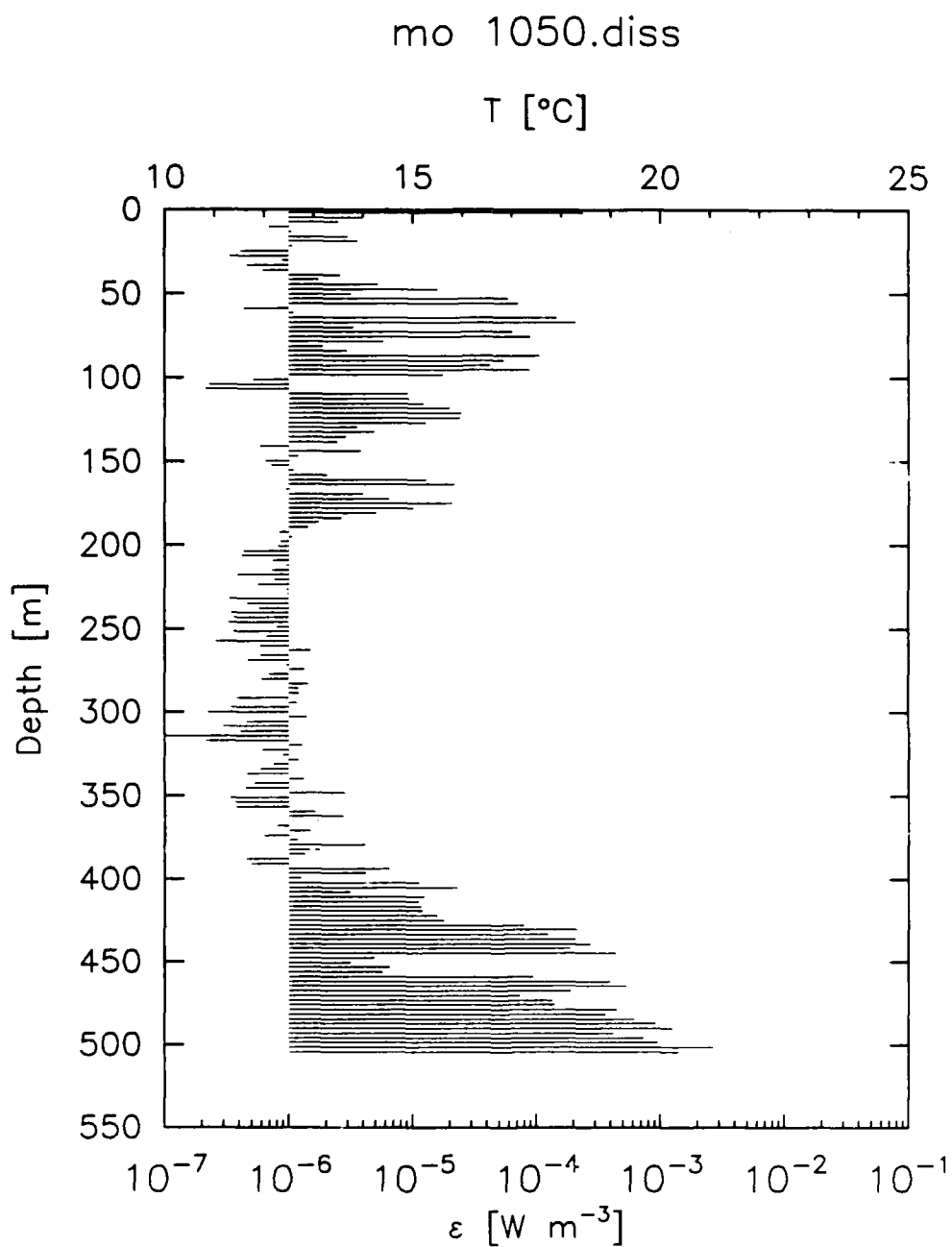
Bottom Salinity = 37.534



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.



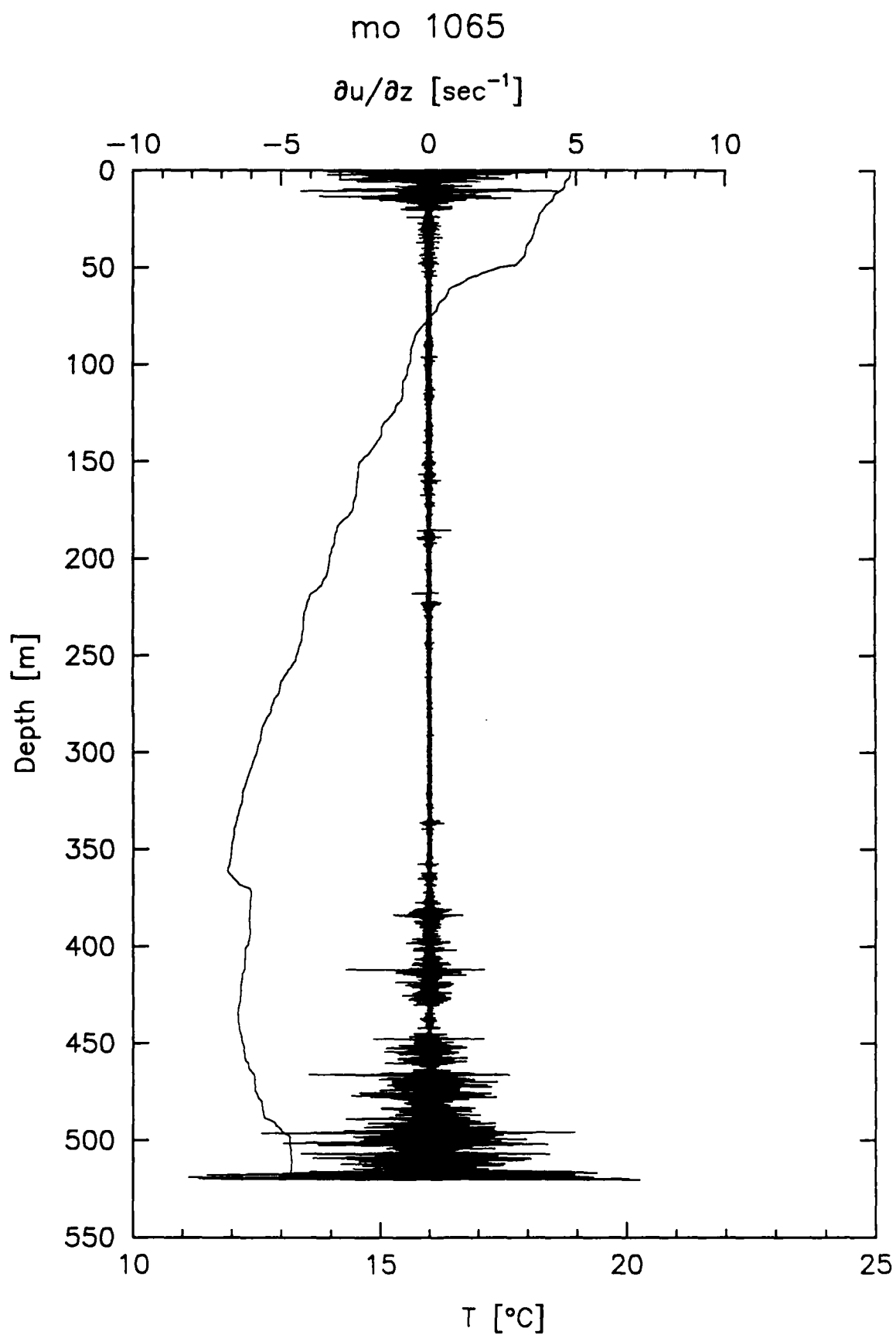
35 50.09 6 34.23 Lat/Lon
 23 SEP 1988 15:00 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

1050 XDP
 6 Site Number
 19882671500 23 SEP 1988 15:00 GMT
 19890501841 20 FEB 1989 18:41 GMT Digitized
 35 50.09 6 34.23 Lat/Lon
 535 Depth (m)
 1024 Sampling Rate
 0.3640 S P Sensitivity
 high Gain
 453 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.84 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	3.0	0.24E-03	0.28E-03	157.6	3.3	0.20E-05	0.21E-05
4.3	3.0	0.39E-05	0.41E-05	160.5	2.9	0.13E-04	0.14E-04
7.1	2.8	0.25E-05	0.26E-05	163.3	2.9	0.22E-04	0.23E-04
9.9	2.1	0.69E-06	0.71E-06	166.1	3.3	0.95E-06	0.97E-06
12.8	2.5	0.10E-05	0.11E-05	169.0	2.9	0.39E-05	0.41E-05
15.6	2.5	0.30E-05	0.31E-05	171.8	12.6	0.64E-05	0.67E-05
18.5	2.0	0.36E-05	0.37E-05	174.7	14.7	0.21E-04	0.22E-04
21.3	2.0	0.11E-05	0.11E-05	177.5	14.6	0.10E-04	0.11E-04
24.1	1.9	0.41E-06	0.41E-06	180.3	14.6	0.51E-05	0.53E-05
27.0	2.0	0.34E-06	0.34E-06	183.2	14.5	0.27E-05	0.27E-05
29.8	2.1	0.89E-06	0.91E-06	186.0	14.2	0.17E-05	0.18E-05
32.7	1.9	0.46E-06	0.46E-06	188.9	14.2	0.14E-05	0.15E-05
35.5	2.1	0.63E-06	0.64E-06	191.7	14.3	0.84E-06	0.86E-06
38.3	2.4	0.26E-05	0.27E-05	194.5	14.2	0.11E-05	0.11E-05
41.2	2.3	0.17E-05	0.18E-05	197.4	14.2	0.86E-06	0.88E-06
44.0	2.0	0.52E-05	0.55E-05	200.2	14.1	0.83E-06	0.84E-06
46.9	2.2	0.16E-04	0.17E-04	203.1	14.1	0.43E-06	0.44E-06
49.7	2.1	0.32E-05	0.33E-05	205.9	14.1	0.42E-06	0.42E-06
52.5	2.2	0.59E-04	0.66E-04	208.7	14.0	0.74E-06	0.76E-06
55.4	2.3	0.71E-04	0.80E-04	211.6	14.0	0.96E-06	0.98E-06
58.2	2.2	0.43E-06	0.44E-06	214.4	14.0	0.73E-06	0.74E-06
61.1	2.3	0.11E-05	0.11E-05	217.3	13.9	0.38E-06	0.39E-06
63.9	2.5	0.14E-03	0.17E-03	220.1	13.9	0.76E-06	0.78E-06
66.7	2.2	0.21E-03	0.24E-03	222.9	13.8	0.57E-06	0.58E-06
69.6	2.5	0.33E-05	0.35E-05	225.8	13.7	0.96E-06	0.98E-06
72.4	2.5	0.64E-04	0.72E-04	228.6	13.5	0.98E-06	0.10E-05
75.3	2.8	0.89E-04	0.10E-03	231.5	13.4	0.33E-06	0.33E-06
78.1	2.7	0.58E-05	0.61E-05	234.3	13.3	0.46E-06	0.46E-06
80.9	3.1	0.19E-05	0.19E-05	237.1	13.3	0.57E-06	0.59E-06
83.8	2.5	0.30E-05	0.31E-05	240.0	13.2	0.35E-06	0.35E-06
86.6	2.8	0.11E-03	0.12E-03	242.8	13.1	0.36E-06	0.36E-06
89.5	3.0	0.54E-04	0.60E-04	245.7	13.1	0.33E-06	0.33E-06
92.3	2.7	0.42E-04	0.46E-04	248.5	13.0	0.79E-06	0.81E-06
95.1	2.5	0.88E-04	0.99E-04	251.3	12.9	0.35E-06	0.36E-06
98.0	2.7	0.17E-04	0.19E-04	254.2	12.9	0.66E-06	0.67E-06
100.8	2.7	0.52E-06	0.53E-06	257.0	12.8	0.26E-06	0.26E-06
103.7	2.5	0.23E-06	0.23E-06	259.9	12.8	0.59E-06	0.60E-06
106.5	2.8	0.21E-06	0.22E-06	262.7	12.9	0.15E-05	0.15E-05
109.3	2.7	0.90E-05	0.95E-05	265.5	12.8	0.60E-06	0.61E-06
112.2	2.6	0.93E-05	0.98E-05	268.4	12.7	0.47E-06	0.48E-06
115.0	2.3	0.12E-04	0.13E-04	271.2	12.8	0.96E-06	0.97E-06
117.9	2.2	0.20E-04	0.21E-04	274.1	12.8	0.13E-05	0.14E-05
120.7	3.0	0.24E-04	0.26E-04	276.9	12.7	0.70E-06	0.71E-06
123.5	2.8	0.24E-04	0.26E-04	279.7	12.7	0.61E-06	0.62E-06
126.4	2.9	0.13E-04	0.14E-04	282.6	12.7	0.14E-05	0.15E-05
129.2	3.0	0.36E-05	0.37E-05	285.4	12.7	0.12E-05	0.12E-05
132.1	3.0	0.49E-05	0.51E-05	288.3	12.7	0.12E-05	0.12E-05
134.9	2.4	0.29E-05	0.30E-05	291.1	12.7	0.38E-06	0.38E-06
137.7	3.4	0.25E-05	0.25E-05	293.9	12.7	0.12E-05	0.12E-05
140.6	3.3	0.59E-06	0.60E-06	296.8	12.6	0.34E-06	0.34E-06
143.4	2.8	0.38E-05	0.40E-05	299.6	12.5	0.22E-06	0.23E-06
146.3	2.6	0.12E-05	0.12E-05	302.5	12.5	0.14E-05	0.14E-05
149.1	3.1	0.65E-06	0.67E-06	305.3	12.4	0.46E-06	0.46E-06
151.9	3.0	0.73E-06	0.74E-06	308.1	12.4	0.29E-06	0.30E-06
154.8	3.0	0.11E-05	0.11E-05	311.0	12.4	0.41E-06	0.41E-06

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
313.8	12.4	0.95E-07	0.96E-07
316.7	12.3	0.22E-06	0.22E-06
319.5	12.3	0.13E-05	0.13E-05
322.3	12.3	0.61E-06	0.62E-06
325.2	12.3	0.89E-06	0.91E-06
328.0	12.2	0.12E-05	0.12E-05
330.9	12.2	0.76E-06	0.77E-06
333.7	12.2	0.59E-06	0.61E-06
336.5	12.2	0.46E-06	0.46E-06
339.4	12.2	0.13E-05	0.14E-05
342.2	12.2	0.52E-06	0.53E-06
345.1	12.2	0.45E-06	0.45E-06
347.9	12.1	0.28E-05	0.29E-05
350.7	12.1	0.34E-06	0.34E-06
353.6	12.1	0.37E-06	0.37E-06
356.4	12.1	0.37E-06	0.38E-06
359.3	12.1	0.16E-05	0.17E-05
362.1	12.1	0.27E-05	0.28E-05
364.9	12.0	0.18E-05	0.19E-05
367.8	12.0	0.81E-06	0.82E-06
370.6	11.9	0.15E-05	0.15E-05
373.5	12.0	0.63E-06	0.65E-06
376.3	12.0	0.12E-05	0.12E-05
379.1	12.0	0.41E-05	0.43E-05
382.0	12.0	0.18E-05	0.18E-05
384.8	12.0	0.14E-05	0.14E-05
387.7	12.0	0.45E-06	0.46E-06
390.5	11.9	0.49E-06	0.50E-06
393.3	11.9	0.65E-05	0.68E-05
396.2	11.9	0.42E-05	0.43E-05
399.0	11.8	0.12E-05	0.13E-05
401.9	11.8	0.11E-04	0.12E-04
404.7	11.8	0.23E-04	0.25E-04
407.5	11.8	0.31E-05	0.32E-05
410.4	11.8	0.12E-04	0.13E-04
413.2	11.8	0.11E-04	0.12E-04
416.1	11.8	0.12E-04	0.12E-04
418.9	11.9	0.12E-04	0.13E-04
421.7	11.9	0.16E-04	0.17E-04
424.6	11.9	0.18E-04	0.19E-04
427.4	11.9	0.78E-04	0.88E-04
430.3	11.9	0.21E-03	0.25E-03
433.1	12.0	0.12E-03	0.14E-03
435.9	12.0	0.21E-03	0.25E-03
438.8	12.0	0.27E-03	0.33E-03
441.6	12.1	0.19E-03	0.22E-03
444.5	12.1	0.43E-03	0.54E-03
447.3	12.1	0.49E-05	0.51E-05
450.1	12.1	0.32E-05	0.33E-05
453.0	12.1	0.66E-05	0.69E-05
455.8	12.2	0.57E-05	0.60E-05
458.7	12.3	0.94E-04	0.11E-03
461.5	12.1	0.39E-03	0.49E-03
464.3	12.4	0.53E-03	0.66E-03
467.2	12.4	0.19E-03	0.22E-03
470.0	12.4	0.74E-04	0.83E-04
472.9	12.4	0.13E-03	0.15E-03
475.7	12.5	0.14E-03	0.16E-03
478.5	12.5	0.44E-03	0.55E-03
481.4	12.4	0.36E-03	0.45E-03
484.2	12.4	0.62E-03	0.81E-03
487.1	5.7	0.92E-03	0.12E-02
489.9	4.0	0.13E-02	0.18E-02
492.7	3.4	0.42E-03	0.53E-03
495.6	6.8	0.73E-03	0.97E-03
498.4	7.0	0.96E-03	0.13E-02
501.3	8.5	0.27E-02	0.41E-02
504.1	12.7	0.14E-02	0.20E-02

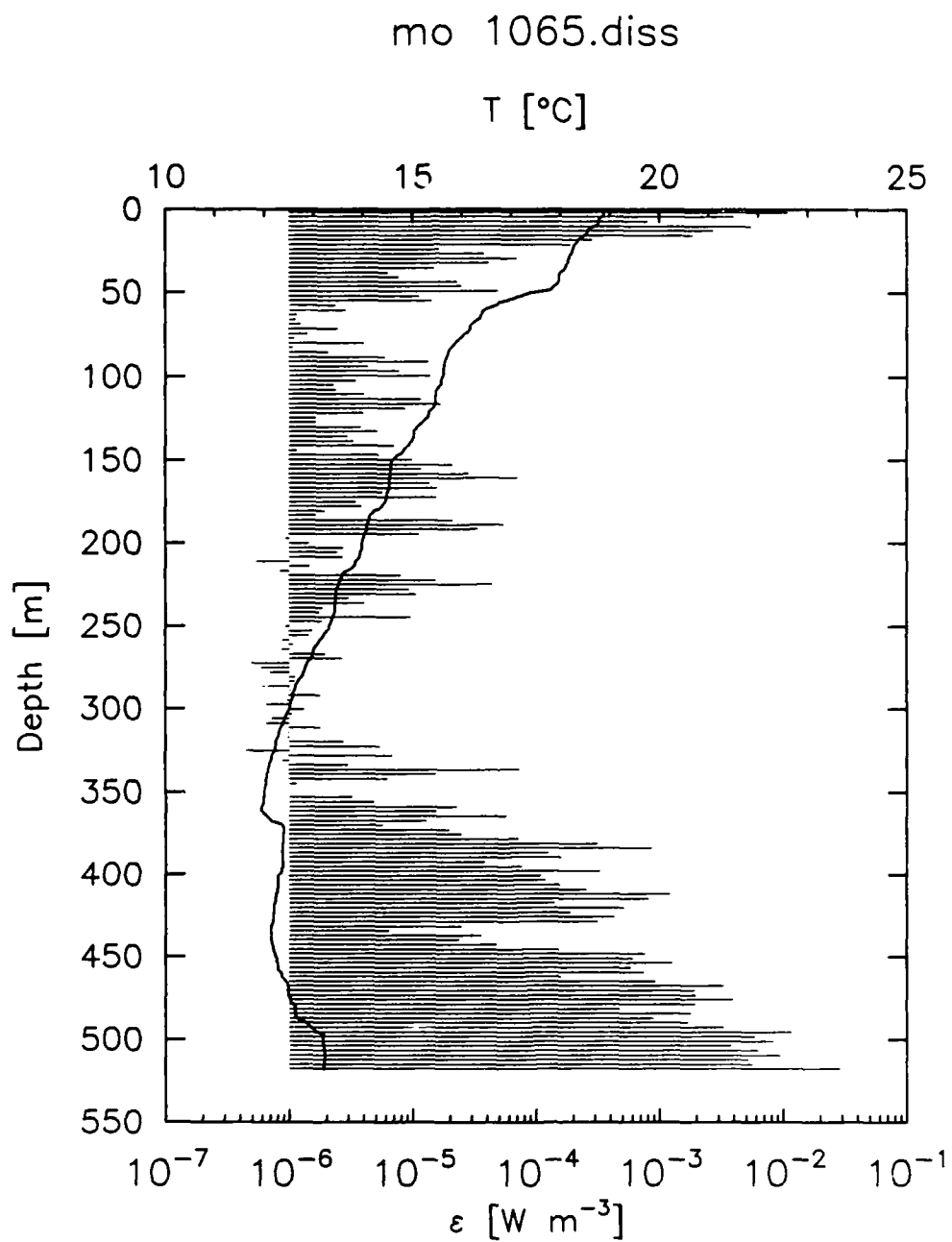
Bottom Salinity = 37.534



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.



35 51.53 6 34.91 Lat/Lon
 27 SEP 1988 22:40 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

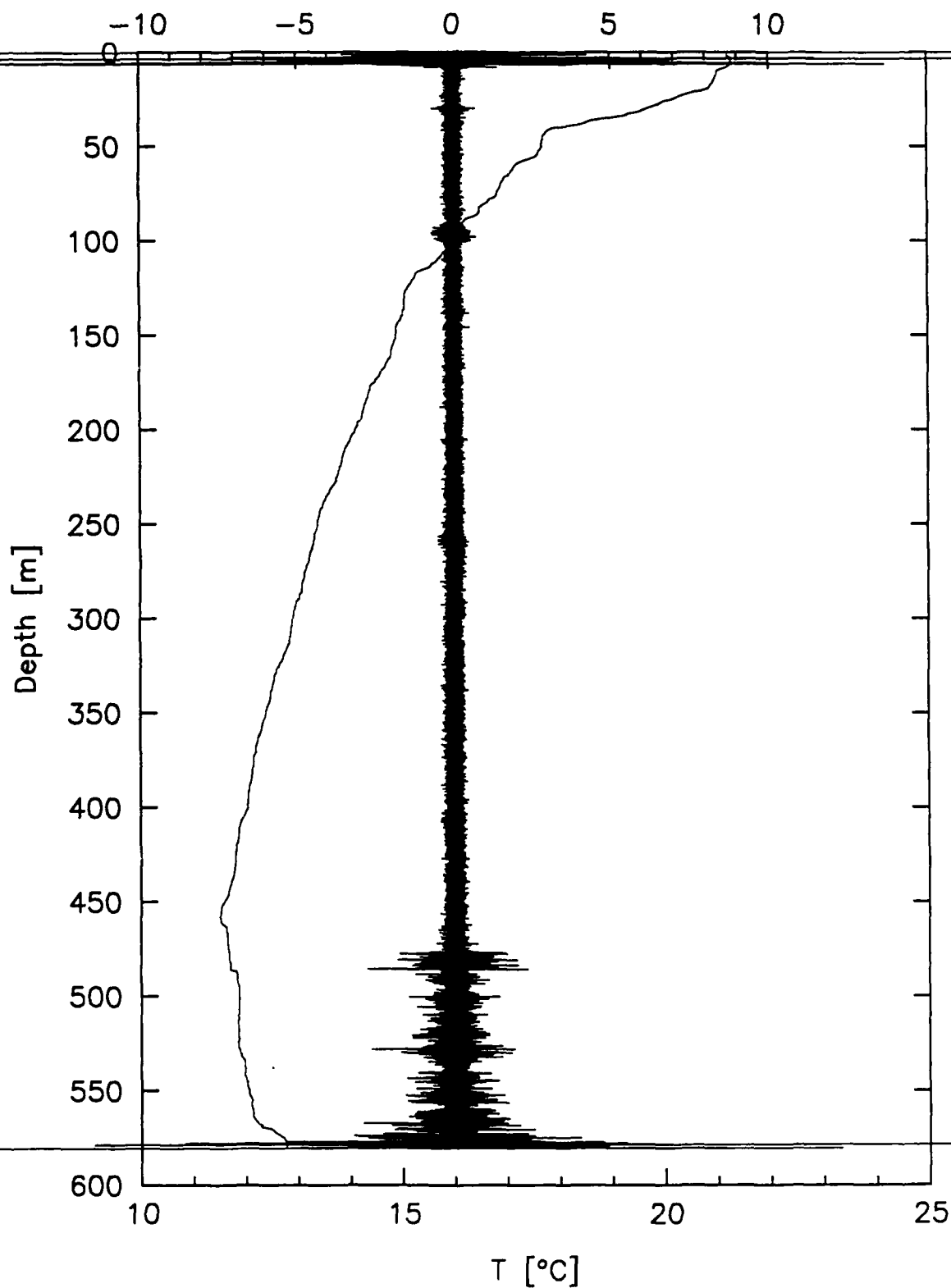
1065 XDP
 6 Site Number
 19882712240 27 SEP 1988 22:40 GMT
 19890581627 28 FEB 1989 16:27 GMT Digitized
 35 51.53 6 34.91 Lat/Lon
 520 Depth (m)
 1024 Sampling Rate
 0.1840 S P Sensitivity
 high Gain
 449 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.79 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	18.9	0.11E-01	0.20E-01	154.8	14.6	0.12E-04	0.12E-04
4.2	18.8	0.40E-02	0.66E-02	157.6	14.5	0.28E-04	0.31E-04
7.0	18.8	0.80E-03	0.11E-02	160.4	14.5	0.71E-04	0.80E-04
9.8	18.7	0.55E-02	0.10E-01	163.2	14.5	0.14E-04	0.15E-04
12.6	18.6	0.27E-02	0.44E-02	166.0	14.5	0.16E-04	0.17E-04
15.3	18.5	0.19E-02	0.28E-02	168.8	14.5	0.57E-05	0.60E-05
18.1	18.4	0.28E-03	0.34E-03	171.6	14.5	0.16E-04	0.17E-04
20.9	18.3	0.19E-03	0.23E-03	174.4	14.4	0.34E-05	0.36E-05
23.7	18.3	0.16E-04	0.17E-04	177.2	14.4	0.38E-05	0.40E-05
26.5	18.2	0.38E-04	0.42E-04	180.0	14.3	0.19E-05	0.20E-05
29.3	18.2	0.69E-04	0.77E-04	182.7	14.2	0.16E-05	0.17E-05
32.1	18.1	0.41E-04	0.45E-04	185.5	14.1	0.21E-04	0.23E-04
34.9	18.1	0.15E-04	0.16E-04	188.3	14.1	0.55E-04	0.60E-04
37.7	18.0	0.63E-05	0.67E-05	191.1	14.1	0.34E-04	0.37E-04
40.5	18.0	0.77E-05	0.81E-05	193.9	14.0	0.11E-04	0.12E-04
43.2	18.0	0.23E-04	0.25E-04	196.7	14.0	0.94E-06	0.96E-06
46.0	17.9	0.25E-04	0.27E-04	199.5	14.0	0.14E-05	0.15E-05
48.8	17.7	0.49E-04	0.54E-04	202.3	14.0	0.27E-05	0.28E-05
51.6	17.2	0.11E-04	0.12E-04	205.1	13.9	0.24E-05	0.25E-05
54.4	16.9	0.14E-04	0.15E-04	207.9	13.9	0.27E-05	0.28E-05
57.2	16.7	0.24E-05	0.24E-05	210.6	13.9	0.40E-06	0.40E-06
60.0	16.5	0.28E-05	0.29E-05	213.4	13.8	0.14E-05	0.15E-05
62.8	16.4	0.12E-05	0.12E-05	216.2	13.7	0.85E-06	0.87E-06
65.6	16.3	0.11E-05	0.12E-05	219.0	13.6	0.80E-05	0.84E-05
68.4	16.2	0.12E-05	0.13E-05	221.8	13.5	0.15E-04	0.16E-04
71.1	16.2	0.25E-05	0.26E-05	224.6	13.5	0.44E-04	0.49E-04
73.9	16.1	0.14E-05	0.14E-05	227.4	13.5	0.93E-05	0.98E-05
76.7	16.0	0.11E-05	0.11E-05	230.2	13.4	0.11E-04	0.11E-04
79.5	15.9	0.40E-05	0.42E-05	233.0	13.4	0.30E-05	0.32E-05
82.3	15.8	0.11E-05	0.11E-05	235.8	13.4	0.40E-05	0.42E-05
85.1	15.7	0.21E-05	0.21E-05	238.5	13.4	0.19E-05	0.19E-05
87.9	15.7	0.60E-05	0.63E-05	241.3	13.4	0.17E-05	0.18E-05
90.7	15.7	0.13E-04	0.14E-04	244.1	13.4	0.96E-05	0.10E-04
93.5	15.6	0.43E-05	0.45E-05	246.9	13.3	0.18E-05	0.19E-05
96.3	15.6	0.77E-05	0.81E-05	249.7	13.3	0.93E-06	0.95E-06
99.0	15.6	0.14E-04	0.15E-04	252.5	13.3	0.15E-05	0.16E-05
101.8	15.6	0.35E-05	0.36E-05	255.3	13.2	0.14E-05	0.15E-05
104.6	15.6	0.23E-05	0.23E-05	258.1	13.1	0.89E-06	0.91E-06
107.4	15.5	0.24E-05	0.25E-05	260.9	13.1	0.11E-05	0.11E-05
110.2	15.5	0.40E-05	0.42E-05	263.7	13.0	0.87E-06	0.89E-06
113.0	15.5	0.12E-04	0.13E-04	266.4	13.0	0.19E-05	0.20E-05
115.8	15.5	0.17E-04	0.18E-04	269.2	12.9	0.27E-05	0.27E-05
118.6	15.4	0.87E-05	0.92E-05	272.0	12.9	0.50E-06	0.51E-06
121.4	15.3	0.40E-05	0.41E-05	274.8	12.8	0.58E-06	0.59E-06
124.2	15.3	0.16E-05	0.17E-05	277.6	12.8	0.70E-06	0.72E-06
126.9	15.2	0.16E-05	0.17E-05	280.4	12.7	0.11E-05	0.11E-05
129.7	15.1	0.38E-05	0.39E-05	283.2	12.7	0.11E-05	0.11E-05
132.5	15.0	0.51E-05	0.54E-05	286.0	12.6	0.61E-06	0.62E-06
135.3	15.0	0.29E-05	0.30E-05	288.8	12.6	0.10E-05	0.10E-05
138.1	15.0	0.33E-05	0.34E-05	291.6	12.6	0.18E-05	0.18E-05
140.9	14.9	0.70E-05	0.74E-05	294.3	12.6	0.97E-06	0.99E-06
143.7	14.8	0.12E-05	0.12E-05	297.1	12.5	0.65E-06	0.67E-06
146.5	14.7	0.53E-05	0.55E-05	299.9	12.5	0.13E-05	0.13E-05
149.3	14.6	0.99E-05	0.11E-04	302.7	12.5	0.11E-05	0.11E-05
152.1	14.6	0.21E-04	0.22E-04	305.5	12.4	0.73E-06	0.74E-06

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
308.3	12.4	0.65E-06	0.67E-06	503.6	13.2	0.38E-02	0.62E-02
311.1	12.3	0.18E-05	0.18E-05	506.4	13.2	0.62E-02	0.11E-01
313.9	12.3	0.99E-06	0.10E-05	509.2	13.2	0.94E-02	0.17E-01
316.7	12.3	0.98E-06	0.10E-05	512.0	13.2	0.53E-02	0.97E-02
319.5	12.2	0.27E-05	0.28E-05	514.8	13.2	0.57E-02	0.10E-01
322.2	12.2	0.54E-05	0.57E-05	517.5	13.2	0.29E-01	0.53E-01
325.0	12.2	0.44E-06	0.45E-06				
327.8	12.2	0.68E-05	0.72E-05				
330.6	12.1	0.89E-06	0.91E-06				
333.4	12.1	0.30E-05	0.31E-05				
336.2	12.1	0.73E-04	0.82E-04				
339.0	12.1	0.15E-04	0.16E-04				
341.8	12.0	0.62E-05	0.65E-05				
344.6	12.0	0.11E-05	0.12E-05				
347.4	12.0	0.10E-05	0.10E-05				
350.1	12.0	0.10E-05	0.10E-05				
352.9	12.0	0.32E-05	0.33E-05				
355.7	12.0	0.48E-05	0.50E-05				
358.5	11.9	0.22E-04	0.24E-04				
361.3	11.9	0.15E-04	0.16E-04				
364.1	12.0	0.57E-04	0.64E-04				
366.9	12.1	0.13E-04	0.14E-04				
369.7	12.3	0.57E-05	0.60E-05				
372.5	12.4	0.20E-04	0.21E-04				
375.3	12.4	0.25E-04	0.27E-04				
378.0	12.4	0.72E-04	0.81E-04				
380.8	12.4	0.31E-03	0.37E-03				
383.6	12.4	0.86E-03	0.11E-02				
386.4	12.4	0.12E-03	0.14E-03				
389.2	12.4	0.16E-03	0.18E-03				
392.0	12.4	0.38E-04	0.42E-04				
394.8	12.4	0.76E-04	0.85E-04				
397.6	12.3	0.33E-03	0.41E-03				
400.4	12.3	0.11E-03	0.12E-03				
403.2	12.3	0.12E-03	0.14E-03				
405.9	12.3	0.15E-03	0.18E-03				
408.7	12.3	0.26E-03	0.31E-03				
411.5	12.2	0.12E-02	0.17E-02				
414.3	12.2	0.81E-03	0.11E-02				
417.1	12.2	0.14E-03	0.16E-03				
419.9	12.2	0.51E-03	0.64E-03				
422.7	12.2	0.19E-03	0.22E-03				
425.5	12.2	0.43E-03	0.54E-03				
428.3	12.2	0.31E-03	0.37E-03				
431.1	12.1	0.24E-04	0.26E-04				
433.8	12.1	0.64E-05	0.68E-05				
436.6	12.1	0.35E-04	0.39E-04				
439.4	12.1	0.24E-04	0.25E-04				
442.2	12.2	0.48E-04	0.53E-04				
445.0	12.2	0.15E-03	0.18E-03				
447.8	12.2	0.76E-03	0.10E-02				
450.6	12.2	0.61E-03	0.80E-03				
453.4	12.3	0.13E-02	0.18E-02				
456.2	12.3	0.58E-03	0.77E-03				
459.0	12.3	0.74E-03	0.98E-03				
461.7	12.3	0.16E-03	0.18E-03				
464.5	12.4	0.92E-03	0.12E-02				
467.3	12.5	0.33E-02	0.54E-02				
470.1	12.5	0.19E-02	0.29E-02				
472.9	12.5	0.19E-02	0.29E-02				
475.7	12.5	0.39E-02	0.64E-02				
478.5	12.6	0.20E-02	0.30E-02				
481.3	12.6	0.47E-03	0.59E-03				
484.1	12.6	0.18E-02	0.27E-02				
486.9	12.6	0.89E-03	0.12E-02				
489.6	12.8	0.17E-02	0.26E-02				
492.4	12.9	0.33E-02	0.55E-02				
495.2	13.1	0.12E-01	0.21E-01				
498.0	13.2	0.59E-02	0.11E-01				
500.8	13.2	0.83E-02	0.15E-01				

mo 0806

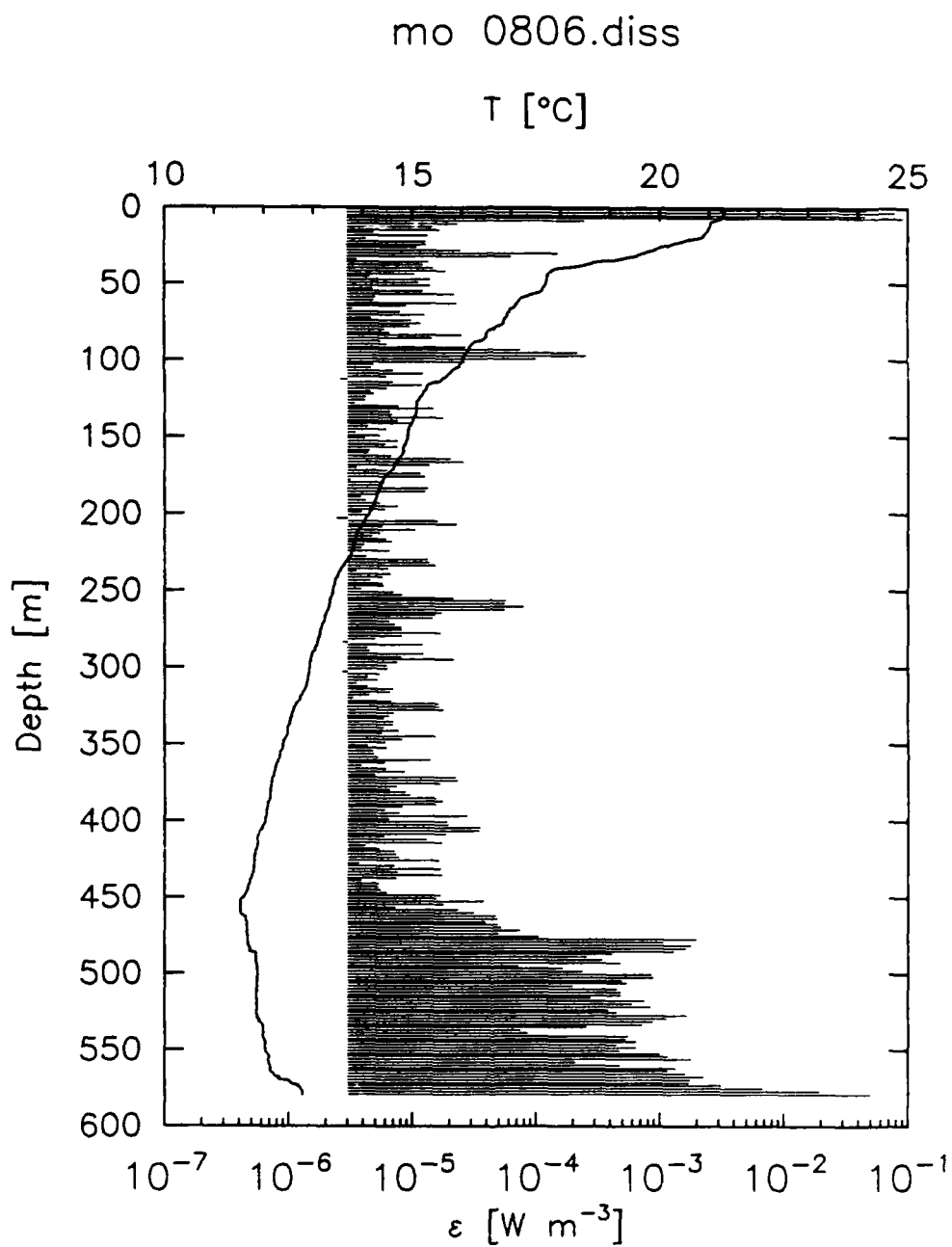
$\partial u / \partial z$ [sec⁻¹]



shear highpass: 10.

shear lowpass: 200.

temp lowpass: 3.



35 48.51 6 37.65 Lat/Lon
 23 SEP 1988 16:10 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

806 XDP
 7 Site Number
 19882671610 23 SEP 1988 16:10 GMT
 19890501920 20 FEB 1989 19:20 GMT Digitized
 35 48.51 6 37.65 Lat/Lon
 580 Depth (m)
 1024 Sampling Rate
 0.2138 S P Sensitivity
 low Gain
 450 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 1.92 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.0	21.2	0.46E-01	0.84E-01	106.6	15.8	0.70E-05	0.74E-05
2.9	21.3	0.78E-01	0.14E+00	108.5	15.7	0.12E-04	0.13E-04
4.8	21.3	0.45E-01	0.82E-01	110.4	15.7	0.61E-05	0.64E-05
6.7	21.3	0.92E-01	0.17E+00	112.3	15.6	0.26E-05	0.27E-05
8.6	21.1	0.25E-03	0.29E-03	114.2	15.5	0.69E-05	0.73E-05
10.6	21.0	0.23E-04	0.25E-04	116.2	15.3	0.12E-04	0.13E-04
12.5	21.0	0.15E-04	0.15E-04	118.1	15.3	0.61E-05	0.65E-05
14.4	21.0	0.17E-04	0.18E-04	120.0	15.2	0.46E-05	0.48E-05
16.3	20.9	0.48E-05	0.50E-05	121.9	15.2	0.49E-05	0.51E-05
18.2	20.9	0.13E-04	0.14E-04	123.8	15.2	0.42E-05	0.43E-05
20.2	20.7	0.42E-05	0.44E-05	125.8	15.1	0.41E-05	0.43E-05
22.1	20.5	0.13E-04	0.14E-04	127.7	15.1	0.34E-05	0.35E-05
24.0	20.2	0.13E-04	0.14E-04	129.6	15.1	0.76E-05	0.80E-05
25.9	20.0	0.11E-04	0.12E-04	131.5	15.1	0.15E-04	0.16E-04
27.8	19.9	0.25E-04	0.26E-04	133.4	15.1	0.66E-05	0.69E-05
29.8	19.7	0.15E-03	0.17E-03	135.4	15.1	0.68E-05	0.72E-05
31.7	19.5	0.63E-04	0.71E-04	137.3	15.0	0.18E-04	0.19E-04
33.6	19.2	0.36E-05	0.37E-05	139.2	15.0	0.76E-05	0.80E-05
35.5	18.7	0.14E-04	0.14E-04	141.1	15.0	0.98E-05	0.10E-04
37.4	18.5	0.12E-04	0.13E-04	143.0	15.0	0.44E-05	0.46E-05
39.4	18.1	0.15E-04	0.16E-04	145.0	14.9	0.61E-05	0.64E-05
41.3	17.8	0.19E-04	0.20E-04	146.9	14.9	0.35E-05	0.36E-05
43.2	17.8	0.10E-04	0.11E-04	148.8	14.9	0.55E-05	0.57E-05
45.1	17.7	0.45E-05	0.47E-05	150.7	14.9	0.41E-05	0.43E-05
47.0	17.7	0.14E-04	0.15E-04	152.6	14.9	0.76E-05	0.80E-05
49.0	17.7	0.11E-04	0.12E-04	154.6	14.9	0.60E-05	0.63E-05
50.9	17.7	0.14E-04	0.15E-04	156.5	14.8	0.75E-05	0.79E-05
52.8	17.6	0.48E-05	0.50E-05	158.4	14.8	0.45E-05	0.47E-05
54.7	17.6	0.12E-04	0.13E-04	160.3	14.8	0.43E-05	0.45E-05
56.6	17.4	0.22E-04	0.23E-04	162.2	14.8	0.67E-05	0.71E-05
58.6	17.3	0.50E-05	0.52E-05	164.2	14.7	0.20E-04	0.22E-04
60.5	17.2	0.49E-05	0.51E-05	166.1	14.7	0.26E-04	0.28E-04
62.4	17.1	0.23E-04	0.25E-04	168.0	14.6	0.14E-04	0.15E-04
64.3	17.1	0.90E-05	0.94E-05	169.9	14.6	0.35E-05	0.36E-05
66.2	17.0	0.33E-05	0.35E-05	171.8	14.6	0.62E-05	0.66E-05
68.2	17.0	0.80E-05	0.84E-05	173.8	14.5	0.12E-04	0.12E-04
70.1	16.9	0.13E-04	0.13E-04	175.7	14.5	0.13E-04	0.13E-04
72.0	16.9	0.47E-05	0.49E-05	177.6	14.4	0.32E-05	0.33E-05
73.9	16.9	0.99E-05	0.11E-04	179.5	14.4	0.60E-05	0.63E-05
75.8	16.8	0.12E-04	0.13E-04	181.4	14.4	0.55E-05	0.58E-05
77.8	16.7	0.95E-05	0.10E-04	183.4	14.3	0.13E-04	0.14E-04
79.7	16.6	0.59E-05	0.62E-05	185.3	14.3	0.13E-04	0.13E-04
81.6	16.5	0.65E-05	0.68E-05	187.2	14.3	0.52E-05	0.54E-05
83.5	16.5	0.25E-04	0.27E-04	189.1	14.3	0.38E-05	0.40E-05
85.4	16.5	0.14E-04	0.15E-04	191.0	14.3	0.42E-05	0.43E-05
87.4	16.3	0.56E-05	0.59E-05	193.0	14.2	0.54E-05	0.57E-05
89.3	16.2	0.62E-05	0.66E-05	194.9	14.2	0.76E-05	0.80E-05
91.2	16.2	0.27E-04	0.29E-04	196.8	14.2	0.60E-05	0.63E-05
93.1	16.1	0.75E-04	0.85E-04	198.7	14.1	0.39E-05	0.41E-05
95.0	16.1	0.22E-03	0.26E-03	200.6	14.1	0.42E-05	0.44E-05
97.0	16.1	0.25E-03	0.30E-03	202.6	14.1	0.24E-05	0.25E-05
98.9	16.0	0.10E-03	0.11E-03	204.5	14.0	0.16E-04	0.17E-04
100.8	16.0	0.27E-04	0.29E-04	206.4	14.0	0.23E-04	0.24E-04
102.7	16.0	0.49E-05	0.51E-05	208.3	13.9	0.56E-05	0.59E-05
104.6	15.9	0.47E-05	0.49E-05	210.2	13.9	0.11E-04	0.11E-04

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
212.2	13.9	0.55E-05	0.58E-05	346.6	12.4	0.82E-05	0.87E-05
214.1	13.9	0.48E-05	0.50E-05	348.5	12.4	0.60E-05	0.63E-05
216.0	13.9	0.61E-05	0.64E-05	350.4	12.4	0.43E-05	0.45E-05
217.9	13.8	0.69E-05	0.72E-05	352.3	12.4	0.62E-05	0.65E-05
219.8	13.8	0.41E-05	0.42E-05	354.2	12.3	0.48E-05	0.50E-05
221.8	13.8	0.39E-05	0.41E-05	356.2	12.3	0.48E-05	0.50E-05
223.7	13.8	0.65E-05	0.68E-05	358.1	12.3	0.53E-05	0.55E-05
225.6	13.8	0.30E-05	0.31E-05	360.0	12.3	0.14E-04	0.15E-04
227.5	13.7	0.42E-05	0.44E-05	361.9	12.3	0.59E-05	0.62E-05
229.4	13.7	0.13E-04	0.14E-04	363.8	12.2	0.38E-05	0.40E-05
231.4	13.6	0.14E-04	0.15E-04	365.8	12.2	0.61E-05	0.64E-05
233.3	13.6	0.15E-04	0.16E-04	367.7	12.2	0.86E-05	0.91E-05
235.2	13.6	0.63E-05	0.66E-05	369.6	12.2	0.50E-05	0.52E-05
237.1	13.5	0.35E-05	0.37E-05	371.5	12.2	0.22E-04	0.24E-04
239.0	13.5	0.66E-05	0.70E-05	373.4	12.2	0.23E-04	0.25E-04
241.0	13.5	0.57E-05	0.60E-05	375.4	12.1	0.17E-04	0.18E-04
242.9	13.4	0.45E-05	0.47E-05	377.3	12.1	0.74E-05	0.78E-05
244.8	13.4	0.57E-05	0.60E-05	379.2	12.1	0.65E-05	0.69E-05
246.7	13.4	0.58E-05	0.61E-05	381.1	12.1	0.87E-05	0.92E-05
248.6	13.4	0.38E-05	0.40E-05	383.0	12.1	0.95E-05	0.10E-04
250.6	13.4	0.70E-05	0.74E-05	385.0	12.1	0.15E-04	0.16E-04
252.5	13.4	0.82E-05	0.86E-05	386.9	12.1	0.17E-04	0.19E-04
254.4	13.3	0.21E-04	0.23E-04	388.8	12.1	0.15E-04	0.16E-04
256.3	13.3	0.57E-04	0.64E-04	390.7	12.1	0.82E-05	0.86E-05
258.2	13.3	0.56E-04	0.61E-04	392.6	12.1	0.60E-05	0.63E-05
260.2	13.3	0.79E-04	0.89E-04	394.6	12.1	0.78E-05	0.82E-05
262.1	13.3	0.55E-04	0.61E-04	396.5	12.0	0.28E-04	0.30E-04
264.0	13.3	0.17E-04	0.19E-04	398.4	12.0	0.65E-05	0.68E-05
265.9	13.2	0.15E-04	0.16E-04	400.3	12.0	0.19E-04	0.21E-04
267.8	13.2	0.15E-04	0.15E-04	402.2	12.0	0.20E-04	0.21E-04
269.8	13.2	0.64E-05	0.68E-05	404.2	12.0	0.35E-04	0.39E-04
271.7	13.2	0.72E-05	0.76E-05	406.1	11.9	0.35E-04	0.38E-04
273.6	13.2	0.81E-05	0.85E-05	408.0	11.9	0.19E-04	0.20E-04
275.5	13.1	0.81E-05	0.85E-05	409.9	11.9	0.59E-05	0.62E-05
277.4	13.1	0.17E-04	0.18E-04	411.8	11.9	0.13E-04	0.14E-04
279.4	13.1	0.81E-05	0.85E-05	413.8	11.9	0.17E-04	0.18E-04
281.3	13.1	0.49E-05	0.51E-05	415.7	11.9	0.42E-05	0.43E-05
283.2	13.1	0.27E-05	0.28E-05	417.6	11.9	0.53E-05	0.56E-05
285.1	13.1	0.12E-04	0.13E-04	419.5	11.8	0.70E-05	0.74E-05
287.0	13.0	0.43E-05	0.45E-05	421.4	11.8	0.74E-05	0.78E-05
289.0	13.0	0.45E-05	0.47E-05	423.4	11.8	0.77E-05	0.81E-05
290.9	13.0	0.12E-04	0.13E-04	425.3	11.8	0.16E-04	0.17E-04
292.8	13.0	0.80E-05	0.84E-05	427.2	11.8	0.37E-05	0.38E-05
294.7	12.9	0.22E-04	0.23E-04	429.1	11.8	0.71E-05	0.75E-05
296.6	12.9	0.75E-05	0.79E-05	431.0	11.8	0.17E-04	0.18E-04
298.6	12.9	0.61E-05	0.65E-05	433.0	11.8	0.75E-05	0.79E-05
300.5	12.9	0.63E-05	0.66E-05	434.9	11.8	0.17E-04	0.19E-04
302.4	12.9	0.27E-05	0.28E-05	436.8	11.8	0.74E-05	0.78E-05
304.3	12.9	0.54E-05	0.56E-05	438.7	11.7	0.39E-05	0.40E-05
306.2	12.9	0.43E-05	0.45E-05	440.6	11.7	0.54E-05	0.57E-05
308.2	12.9	0.52E-05	0.54E-05	442.6	11.7	0.53E-05	0.55E-05
310.1	12.9	0.35E-05	0.37E-05	444.5	11.7	0.55E-05	0.58E-05
312.0	12.8	0.43E-05	0.45E-05	446.4	11.7	0.62E-05	0.65E-05
313.9	12.8	0.70E-05	0.73E-05	448.3	11.6	0.17E-04	0.18E-04
315.8	12.8	0.65E-05	0.69E-05	450.2	11.6	0.15E-04	0.16E-04
317.8	12.8	0.44E-05	0.46E-05	452.2	11.5	0.37E-04	0.41E-04
319.7	12.7	0.33E-05	0.34E-05	454.1	11.5	0.18E-04	0.19E-04
321.6	12.7	0.67E-05	0.71E-05	456.0	11.5	0.72E-05	0.76E-05
323.5	12.7	0.16E-04	0.17E-04	457.9	11.5	0.23E-04	0.25E-04
325.4	12.6	0.16E-04	0.17E-04	459.8	11.5	0.31E-04	0.34E-04
327.4	12.6	0.18E-04	0.19E-04	461.8	11.6	0.47E-04	0.51E-04
329.3	12.6	0.71E-05	0.74E-05	463.7	11.6	0.48E-04	0.53E-04
331.2	12.6	0.65E-05	0.68E-05	465.6	11.6	0.39E-04	0.42E-04
333.1	12.5	0.59E-05	0.62E-05	467.5	11.6	0.49E-04	0.53E-04
335.0	12.5	0.70E-05	0.74E-05	469.4	11.6	0.52E-04	0.57E-04
337.0	12.5	0.69E-05	0.73E-05	471.4	11.6	0.73E-04	0.82E-04
338.9	12.5	0.58E-05	0.61E-05	473.3	11.7	0.50E-04	0.55E-04
340.8	12.5	0.77E-05	0.81E-05	475.2	11.7	0.10E-03	0.12E-03
342.7	12.5	0.56E-05	0.59E-05	477.1	11.7	0.20E-02	0.30E-02
344.6	12.5	0.15E-04	0.16E-04	479.0	11.7	0.11E-02	0.15E-02

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
481.0	11.7	0.18E-02	0.27E-02
482.9	11.7	0.16E-02	0.25E-02
484.8	11.7	0.13E-02	0.18E-02
486.7	11.8	0.41E-03	0.51E-03
488.6	11.8	0.26E-03	0.31E-03
490.6	11.8	0.34E-03	0.43E-03
492.5	11.8	0.48E-03	0.60E-03
494.4	11.9	0.71E-04	0.80E-04
496.3	11.9	0.16E-03	0.19E-03
498.2	11.9	0.24E-03	0.28E-03
500.2	11.9	0.85E-03	0.11E-02
502.1	11.9	0.88E-03	0.12E-02
504.0	11.9	0.49E-03	0.61E-03
505.9	11.9	0.54E-03	0.67E-03
507.8	11.9	0.20E-03	0.23E-03
509.8	11.9	0.45E-03	0.56E-03
511.7	11.9	0.48E-03	0.60E-03
513.6	11.9	0.49E-03	0.61E-03
515.5	11.9	0.27E-03	0.33E-03
517.4	11.9	0.75E-03	0.99E-03
519.4	11.9	0.60E-03	0.79E-03
521.3	11.9	0.84E-03	0.11E-02
523.2	11.9	0.39E-03	0.48E-03
525.1	11.9	0.44E-03	0.56E-03
527.0	11.9	0.17E-02	0.25E-02
529.0	11.9	0.11E-02	0.16E-02
530.9	11.9	0.88E-03	0.12E-02
532.8	11.9	0.72E-03	0.95E-03
534.7	12.0	0.26E-03	0.30E-03
536.6	12.0	0.74E-04	0.83E-04
538.6	12.0	0.86E-04	0.96E-04
540.5	12.0	0.55E-03	0.73E-03
542.4	12.0	0.52E-03	0.66E-03
544.3	12.0	0.64E-03	0.84E-03
546.2	12.0	0.45E-03	0.56E-03
548.2	12.0	0.64E-03	0.85E-03
550.1	12.0	0.48E-03	0.59E-03
552.0	12.1	0.10E-02	0.14E-02
553.9	12.1	0.12E-02	0.16E-02
555.8	12.1	0.18E-02	0.27E-02
557.8	12.1	0.21E-03	0.25E-03
559.7	12.1	0.47E-03	0.59E-03
561.6	12.1	0.14E-02	0.19E-02
563.5	12.1	0.11E-02	0.16E-02
565.4	12.2	0.16E-02	0.24E-02
567.4	12.3	0.23E-02	0.34E-02
569.3	12.4	0.18E-02	0.27E-02
571.2	12.5	0.17E-02	0.26E-02
573.1	12.6	0.31E-02	0.51E-02
575.0	12.7	0.68E-02	0.12E-01
577.0	12.8	0.19E-01	0.35E-01
578.9	12.8	0.49E-01	0.90E-01

Bottom Salinity = 36.837

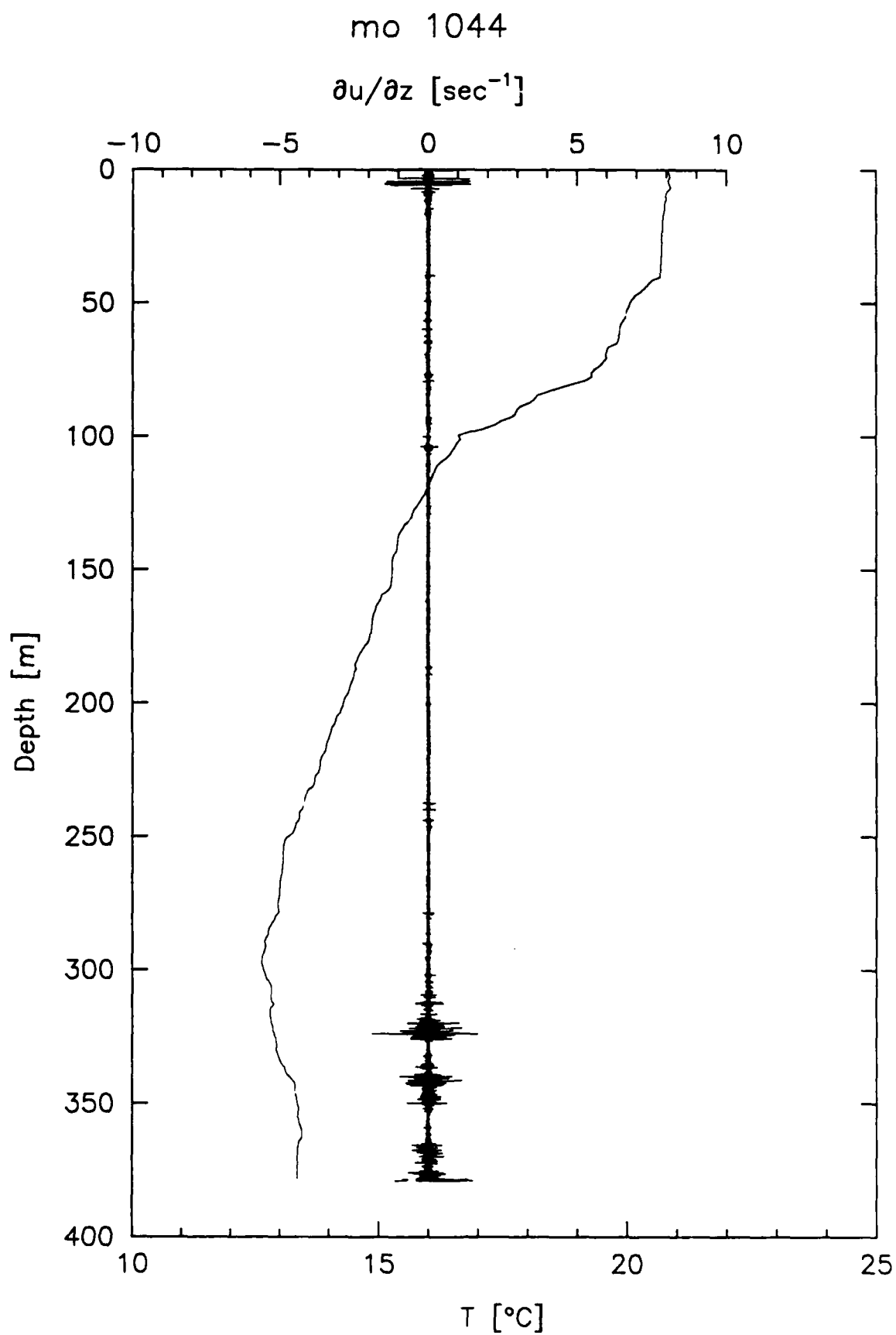
Appendix H:

**Tables and Profiles
of
Dissipation Rates and Temperature**

Section E

SECTION E

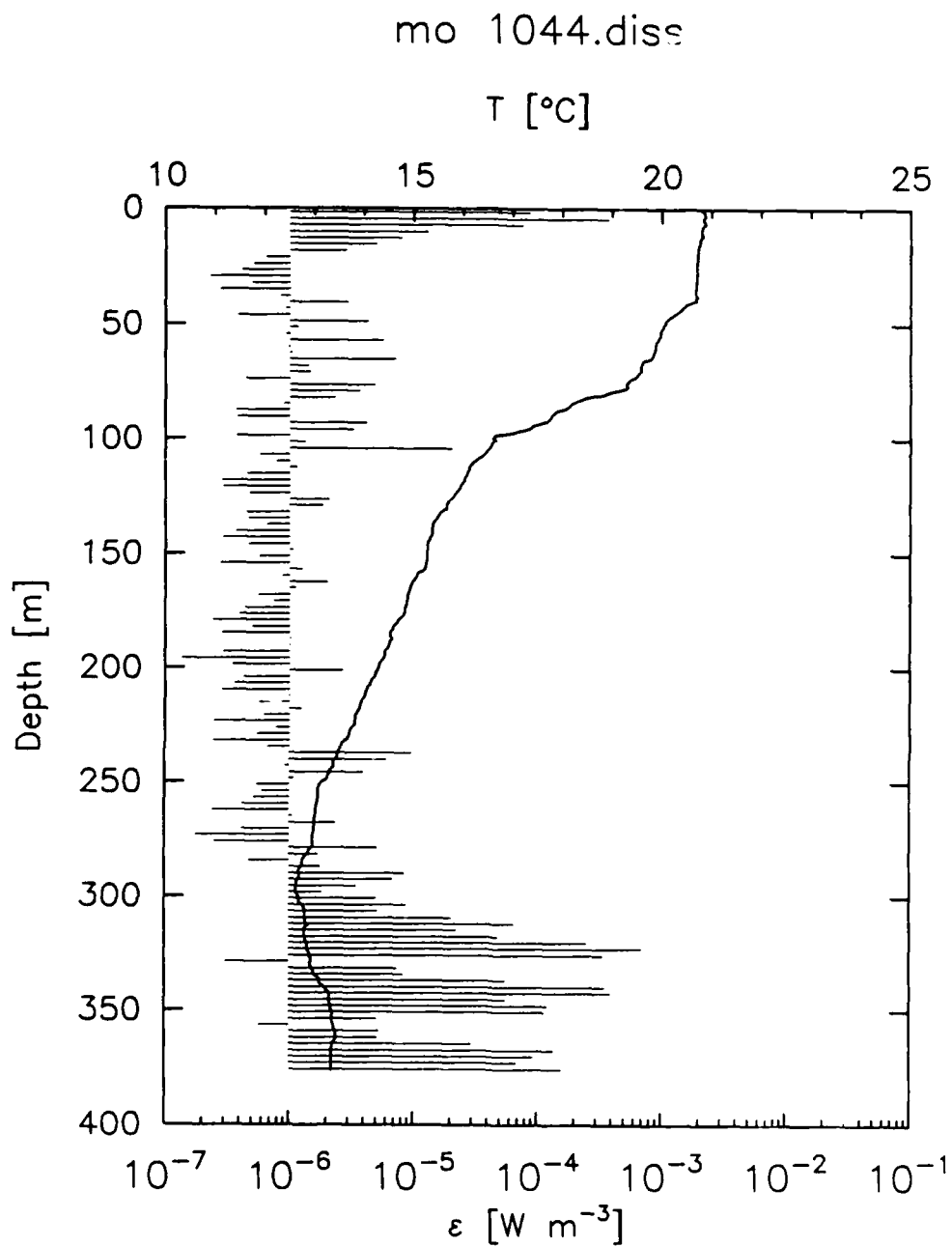
Station -----	Time -----	Location -----	XDP ---
1	24 SEP 1988 01:43 GMT	36 01.24 6 33.09	1044
2	24 SEP 1988 02:57 GMT	36 00.41 6 37.19	814
2	24 SEP 1988 03:08 GMT	36 00.10 6 37.92	705
3	24 SEP 1988 04:08 GMT	35 59.22 6 40.53	824
4	24 SEP 1988 05:16 GMT	35 57.58 6 43.68	812
5	24 SEP 1988 06:34 GMT	35 55.77 6 46.34	828
6	24 SEP 1988 07:49 GMT	35 54.53 6 48.69	711



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.



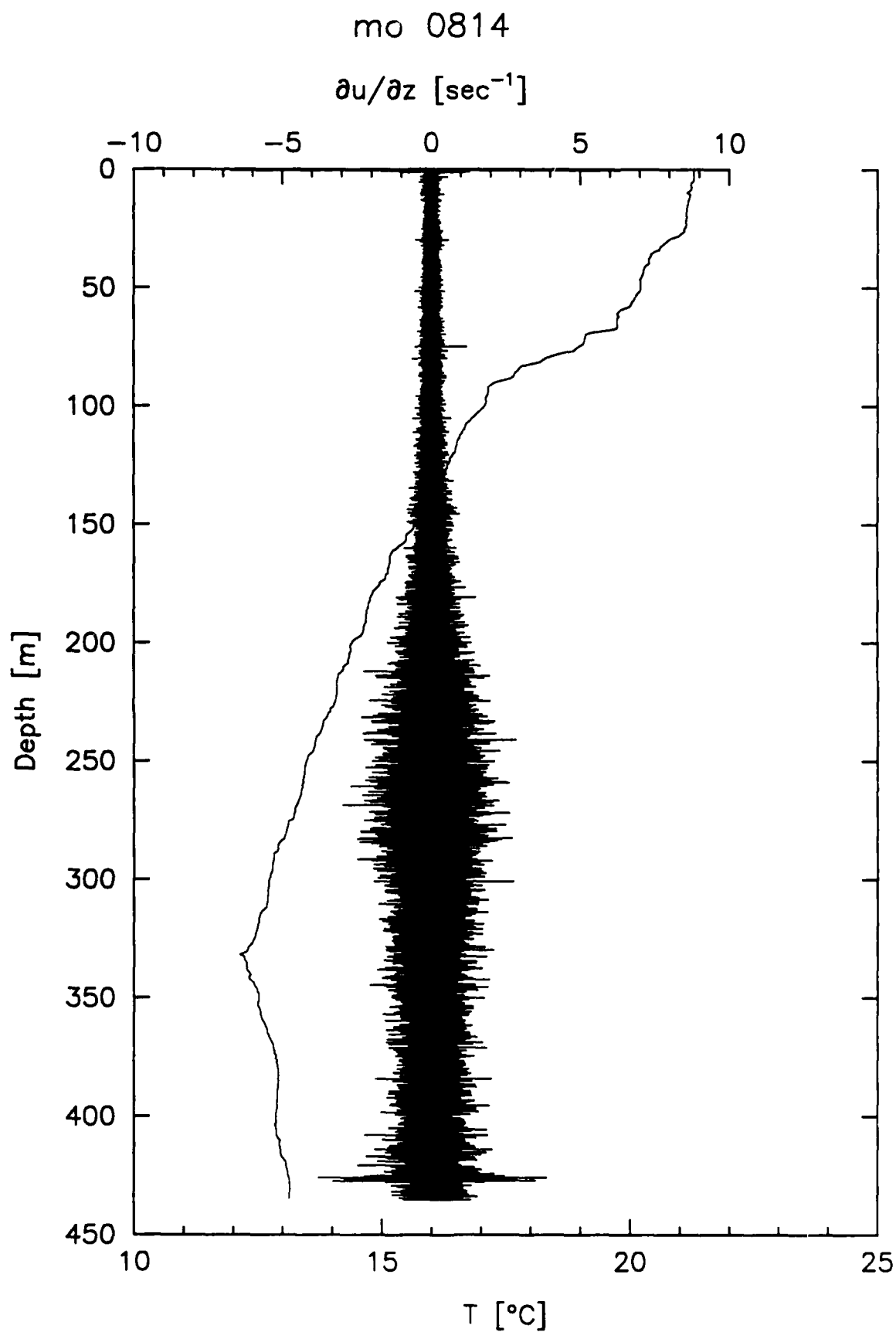
36 01.24 6 33.09 Lat/Lon
24 SEP 1988 01:43 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

1044 XDP
 1 Site Number
 19882680143 24 SEP 1988 01:43 GMT
 19890502010 20 FEB 1989 20:10 GMT Digitized
 36 01.24 6 33.09 Lat/Lon
 380 Depth (m)
 1024 Sampling Rate
 0.3240 S P Sensitivity
 high Gain
 443 Temp Freq
 1 Deck Receiver
 SBL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.77 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	20.8	0.86E-04	0.97E-04	153.7	15.3	0.28E-06	0.28E-06
4.2	20.9	0.37E-03	0.46E-03	156.5	15.2	0.13E-05	0.13E-05
6.9	20.8	0.76E-04	0.85E-04	159.3	15.1	0.87E-06	0.89E-06
9.7	20.8	0.13E-04	0.14E-04	162.0	15.0	0.20E-05	0.21E-05
12.5	20.8	0.79E-05	0.83E-05	164.8	14.9	0.11E-05	0.11E-05
15.2	20.8	0.50E-05	0.52E-05	167.6	14.9	0.56E-06	0.57E-06
18.0	20.7	0.29E-05	0.29E-05	170.4	14.9	0.76E-06	0.78E-06
20.8	20.7	0.65E-06	0.67E-06	173.1	14.8	0.44E-06	0.45E-06
23.5	20.7	0.51E-06	0.52E-06	175.9	14.8	0.40E-06	0.40E-06
26.3	20.7	0.41E-06	0.42E-06	178.7	14.7	0.24E-06	0.24E-06
29.1	20.7	0.23E-06	0.23E-06	181.4	14.6	0.51E-06	0.52E-06
31.9	20.7	0.50E-06	0.51E-06	184.2	14.5	0.29E-06	0.29E-06
34.6	20.7	0.27E-06	0.28E-06	187.0	14.5	0.10E-05	0.10E-05
37.4	20.7	0.83E-06	0.85E-06	189.7	14.5	0.10E-05	0.10E-05
40.2	20.6	0.30E-05	0.31E-05	192.5	14.4	0.29E-06	0.30E-06
42.9	20.4	0.94E-06	0.96E-06	195.3	14.4	0.14E-06	0.14E-06
45.7	20.2	0.38E-06	0.39E-06	198.1	14.3	0.35E-06	0.35E-06
48.5	20.1	0.43E-05	0.44E-05	200.8	14.3	0.27E-05	0.28E-05
51.2	20.0	0.12E-05	0.12E-05	203.6	14.2	0.43E-06	0.43E-06
54.0	20.0	0.94E-06	0.96E-06	206.4	14.1	0.36E-06	0.37E-06
56.8	19.9	0.56E-05	0.59E-05	209.1	14.1	0.29E-06	0.29E-06
59.6	19.9	0.97E-06	0.99E-06	211.9	14.0	0.98E-06	0.10E-05
62.3	19.8	0.10E-05	0.11E-05	214.7	14.0	0.58E-06	0.59E-06
65.1	19.7	0.71E-05	0.75E-05	217.4	13.9	0.12E-05	0.13E-05
67.9	19.6	0.14E-05	0.14E-05	220.2	13.8	0.63E-06	0.64E-06
70.6	19.6	0.15E-05	0.15E-05	223.0	13.8	0.25E-06	0.25E-06
73.4	19.4	0.44E-06	0.45E-06	225.8	13.8	0.77E-06	0.79E-06
76.2	19.3	0.48E-05	0.50E-05	228.5	13.7	0.55E-06	0.56E-06
78.9	19.1	0.36E-05	0.38E-05	231.3	13.6	0.24E-06	0.25E-06
81.7	18.6	0.23E-05	0.24E-05	234.1	13.5	0.67E-06	0.68E-06
84.5	18.2	0.91E-06	0.92E-06	236.8	13.5	0.98E-05	0.10E-04
87.3	18.0	0.37E-06	0.38E-06	239.6	13.4	0.61E-05	0.64E-05
90.0	17.8	0.38E-06	0.39E-06	242.4	13.4	0.93E-06	0.95E-06
92.8	17.6	0.42E-05	0.43E-05	245.1	13.3	0.39E-05	0.41E-05
95.6	17.3	0.33E-05	0.34E-05	247.9	13.3	0.11E-05	0.11E-05
98.3	16.8	0.37E-06	0.37E-06	250.7	13.1	0.55E-06	0.56E-06
101.1	16.6	0.13E-05	0.13E-05	253.5	13.1	0.60E-06	0.61E-06
103.9	16.5	0.20E-04	0.22E-04	256.2	13.1	0.52E-06	0.53E-06
106.6	16.4	0.58E-06	0.59E-06	259.0	13.1	0.42E-06	0.43E-06
109.4	16.3	0.79E-06	0.80E-06	261.8	13.0	0.24E-06	0.25E-06
112.2	16.1	0.11E-05	0.12E-05	264.5	13.0	0.11E-05	0.11E-05
115.0	16.1	0.46E-06	0.46E-06	267.3	13.0	0.24E-05	0.25E-05
117.7	16.0	0.29E-06	0.29E-06	270.1	13.0	0.42E-06	0.42E-06
120.5	15.9	0.29E-06	0.29E-06	272.8	13.0	0.18E-06	0.18E-06
123.3	15.9	0.47E-06	0.48E-06	275.6	13.0	0.25E-06	0.25E-06
126.0	15.8	0.21E-05	0.21E-05	278.4	13.0	0.51E-05	0.54E-05
128.8	15.7	0.19E-05	0.19E-05	281.2	12.9	0.17E-05	0.18E-05
131.6	15.6	0.45E-06	0.46E-06	283.9	12.8	0.47E-06	0.48E-06
134.3	15.5	0.47E-06	0.47E-06	286.7	12.7	0.18E-05	0.19E-05
137.1	15.4	0.66E-06	0.68E-06	289.5	12.7	0.85E-05	0.90E-05
139.9	15.4	0.37E-06	0.37E-06	292.2	12.7	0.68E-05	0.72E-05
142.7	15.3	0.29E-06	0.30E-06	295.0	12.6	0.35E-05	0.36E-05
145.4	15.3	0.47E-06	0.47E-06	297.8	12.6	0.18E-05	0.19E-05
148.2	15.3	0.11E-05	0.11E-05	300.5	12.7	0.50E-05	0.52E-05
151.0	15.3	0.57E-06	0.59E-06	303.3	12.8	0.88E-05	0.92E-05

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
306.1	12.8	0.52E-05	0.54E-05
308.9	12.8	0.20E-04	0.22E-04
311.6	12.9	0.65E-04	0.73E-04
314.4	12.8	0.22E-04	0.24E-04
317.2	12.8	0.48E-04	0.53E-04
319.9	12.8	0.25E-03	0.30E-03
322.7	12.9	0.70E-03	0.92E-03
325.5	12.9	0.34E-03	0.43E-03
328.2	12.9	0.31E-06	0.31E-06
331.0	13.0	0.74E-05	0.78E-05
333.8	13.0	0.83E-05	0.87E-05
336.6	13.1	0.56E-04	0.61E-04
339.3	13.2	0.35E-03	0.44E-03
342.1	13.3	0.40E-03	0.49E-03
344.9	13.3	0.56E-04	0.61E-04
347.6	13.3	0.12E-03	0.14E-03
350.4	13.4	0.12E-03	0.13E-03
353.2	13.4	0.51E-05	0.54E-05
355.9	13.4	0.58E-06	0.59E-06
358.7	13.4	0.53E-05	0.55E-05
361.5	13.4	0.52E-05	0.54E-05
364.3	13.4	0.30E-04	0.32E-04
367.0	13.4	0.14E-03	0.16E-03
369.8	13.4	0.95E-04	0.11E-03
372.6	13.4	0.69E-04	0.78E-04
375.3	13.4	0.16E-03	0.18E-03

Bottom Salinity = 36.550

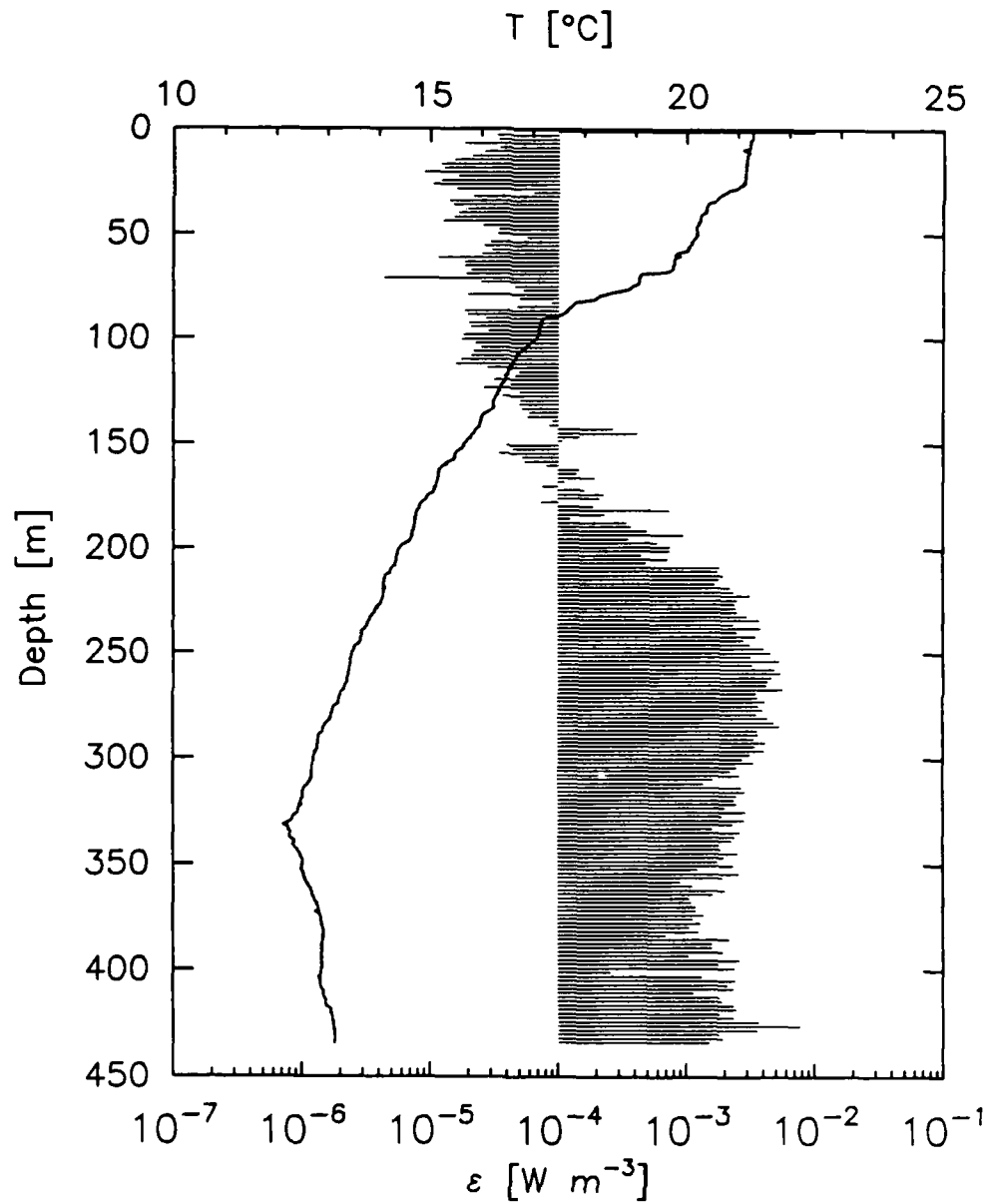


shear highpass: 10.

shear lowpass: 200.

temp lowpass: 3.

mo 0814.diss



36 00.41 6 37.19 Lat/Lon
24 SEP 1988 02:57 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

814 XDP
 2 Site Number
 19882680257 24 SEP 1988 02:57 GMT
 19890502019 20 FEB 1989 20:19 GMT Digitized
 36 00.41 6 37.19 Lat/Lon
 510 Depth (m)
 1024 Sampling Rate
 0.2176 S P Sensitivity
 low Gain
 449 Temp Freq
 1 Deck Receiver
 SBL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 1.94 Drop Rate (m/s)

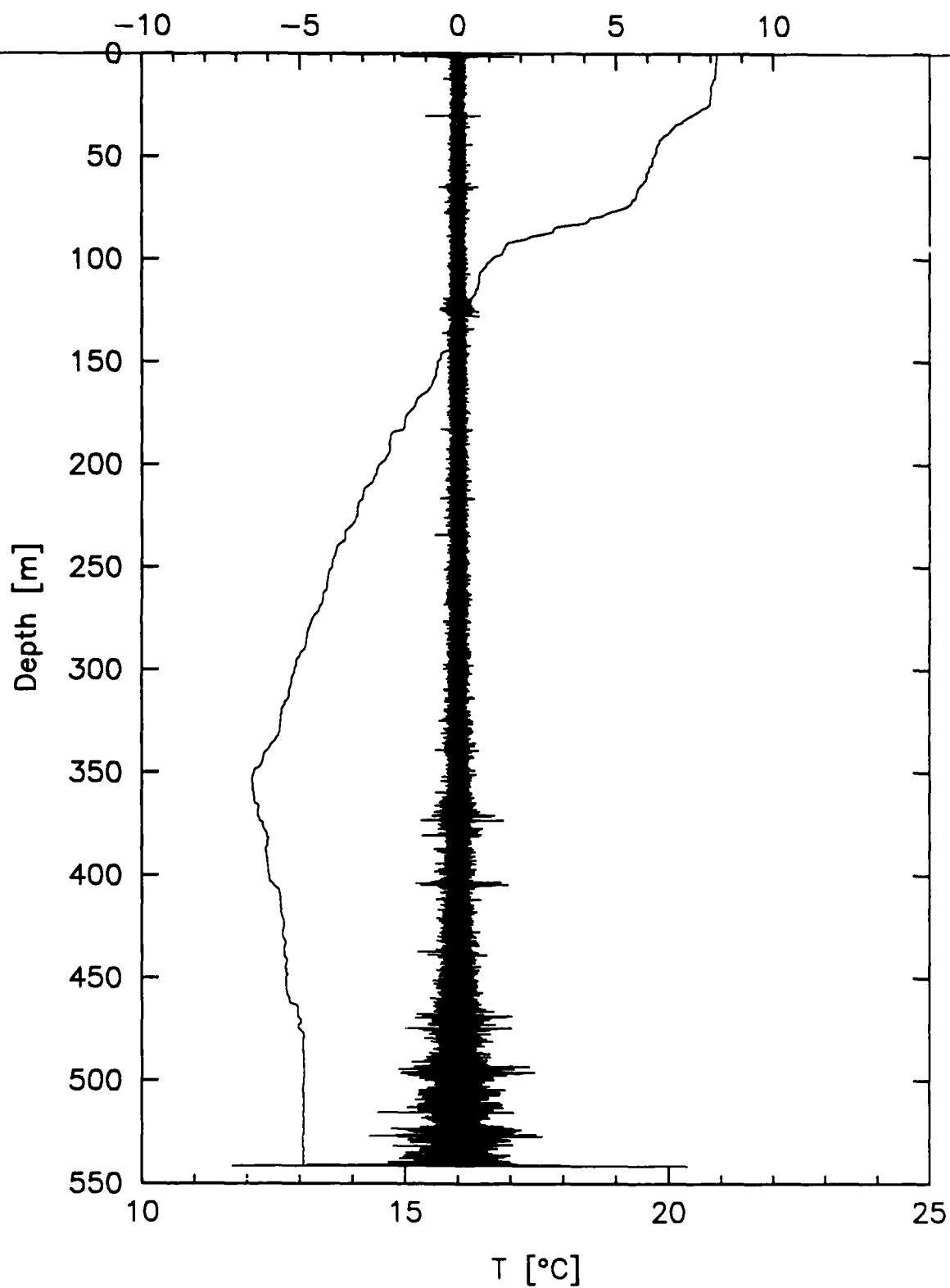
Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.0	21.3	0.97E-02	0.18E-01	107.7	16.7	0.21E-04	0.23E-04
2.9	21.3	0.33E-04	0.37E-04	109.6	16.7	0.18E-04	0.19E-04
4.8	21.3	0.34E-04	0.37E-04	111.6	16.6	0.16E-04	0.17E-04
6.8	21.2	0.19E-04	0.20E-04	113.5	16.6	0.28E-04	0.30E-04
8.7	21.2	0.35E-04	0.38E-04	115.4	16.5	0.49E-04	0.54E-04
10.7	21.2	0.27E-04	0.29E-04	117.4	16.5	0.46E-04	0.51E-04
12.6	21.2	0.21E-04	0.23E-04	119.3	16.5	0.32E-04	0.35E-04
14.6	21.2	0.16E-04	0.17E-04	121.3	16.4	0.42E-04	0.47E-04
16.5	21.1	0.12E-04	0.13E-04	123.2	16.4	0.26E-04	0.28E-04
18.4	21.1	0.13E-04	0.13E-04	125.1	16.3	0.50E-04	0.55E-04
20.4	21.1	0.89E-05	0.93E-05	127.1	16.3	0.37E-04	0.41E-04
22.3	21.1	0.16E-04	0.17E-04	129.0	16.2	0.51E-04	0.56E-04
24.3	21.1	0.12E-04	0.13E-04	130.9	16.2	0.50E-04	0.55E-04
26.2	21.1	0.10E-04	0.11E-04	132.9	16.2	0.52E-04	0.58E-04
28.1	20.9	0.16E-04	0.17E-04	134.8	16.1	0.60E-04	0.68E-04
30.1	20.7	0.64E-04	0.72E-04	136.8	16.0	0.58E-04	0.65E-04
32.0	20.6	0.22E-04	0.23E-04	138.7	16.0	0.91E-04	0.10E-03
33.9	20.5	0.14E-04	0.15E-04	140.7	16.0	0.86E-04	0.97E-04
35.9	20.4	0.15E-04	0.16E-04	142.6	15.9	0.27E-03	0.32E-03
37.8	20.4	0.20E-04	0.22E-04	144.5	15.9	0.41E-03	0.51E-03
39.8	20.4	0.17E-04	0.18E-04	146.5	15.8	0.15E-03	0.17E-03
41.7	20.3	0.15E-04	0.16E-04	148.4	15.7	0.11E-03	0.12E-03
43.7	20.3	0.13E-04	0.13E-04	150.3	15.7	0.40E-04	0.44E-04
45.6	20.2	0.26E-04	0.28E-04	152.3	15.6	0.45E-04	0.49E-04
47.5	20.2	0.35E-04	0.38E-04	154.2	15.5	0.35E-04	0.38E-04
49.5	20.2	0.34E-04	0.37E-04	156.2	15.5	0.53E-04	0.59E-04
51.4	20.2	0.58E-04	0.65E-04	158.1	15.4	0.55E-04	0.60E-04
53.3	20.1	0.30E-04	0.32E-04	160.0	15.3	0.82E-04	0.92E-04
55.3	20.1	0.27E-04	0.29E-04	162.0	15.2	0.14E-03	0.17E-03
57.2	20.0	0.31E-04	0.33E-04	163.9	15.2	0.14E-03	0.16E-03
59.2	19.8	0.25E-04	0.27E-04	165.9	15.1	0.19E-03	0.23E-03
61.1	19.8	0.12E-04	0.12E-04	167.8	15.1	0.11E-03	0.13E-03
63.1	19.8	0.19E-04	0.20E-04	169.8	15.1	0.76E-04	0.85E-04
65.0	19.7	0.19E-04	0.20E-04	171.7	15.1	0.16E-03	0.18E-03
66.9	19.7	0.21E-04	0.23E-04	173.6	15.0	0.23E-03	0.27E-03
68.9	19.2	0.19E-04	0.21E-04	175.6	14.9	0.21E-03	0.25E-03
70.8	19.1	0.44E-05	0.46E-05	177.5	14.9	0.74E-04	0.83E-04
72.8	19.1	0.25E-04	0.27E-04	179.4	14.8	0.19E-03	0.22E-03
74.7	19.0	0.46E-04	0.51E-04	181.4	14.8	0.74E-03	0.97E-03
76.6	18.8	0.54E-04	0.59E-04	183.3	14.7	0.23E-03	0.27E-03
78.6	18.4	0.20E-04	0.21E-04	185.3	14.7	0.13E-03	0.14E-03
80.5	18.2	0.50E-04	0.55E-04	187.2	14.7	0.34E-03	0.42E-03
82.4	17.9	0.89E-04	0.10E-03	189.2	14.7	0.37E-03	0.46E-03
84.4	17.8	0.48E-04	0.53E-04	191.1	14.7	0.49E-03	0.61E-03
86.3	17.7	0.19E-04	0.20E-04	193.0	14.6	0.94E-03	0.12E-02
88.3	17.6	0.20E-04	0.21E-04	195.0	14.6	0.35E-03	0.44E-03
90.2	17.3	0.27E-04	0.29E-04	196.9	14.6	0.59E-03	0.78E-03
92.2	17.2	0.20E-04	0.22E-04	198.8	14.4	0.74E-03	0.98E-03
94.1	17.1	0.21E-04	0.22E-04	200.8	14.4	0.73E-03	0.96E-03
96.0	17.1	0.29E-04	0.31E-04	202.7	14.4	0.45E-03	0.56E-03
98.0	17.1	0.18E-04	0.19E-04	204.7	14.3	0.71E-03	0.94E-03
99.9	17.1	0.18E-04	0.19E-04	206.6	14.3	0.48E-03	0.60E-03
101.9	17.0	0.23E-04	0.24E-04	208.5	14.3	0.18E-02	0.27E-02
103.8	16.9	0.25E-04	0.27E-04	210.5	14.2	0.18E-02	0.27E-02
105.7	16.8	0.22E-04	0.24E-04	212.4	14.2	0.20E-02	0.30E-02

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
214.4	14.1	0.18E-02	0.27E-02	350.2	12.5	0.24E-02	0.36E-02
216.3	14.1	0.17E-02	0.25E-02	352.1	12.5	0.12E-02	0.17E-02
218.3	14.1	0.22E-02	0.33E-02	354.1	12.5	0.26E-02	0.39E-02
220.2	14.1	0.23E-02	0.35E-02	356.0	12.5	0.19E-02	0.29E-02
222.1	14.1	0.31E-02	0.51E-02	357.9	12.6	0.90E-03	0.12E-02
224.1	14.1	0.25E-02	0.37E-02	359.9	12.6	0.11E-02	0.16E-02
226.0	14.0	0.24E-02	0.36E-02	361.8	12.7	0.20E-02	0.30E-02
227.9	14.0	0.24E-02	0.37E-02	363.8	12.7	0.16E-02	0.24E-02
229.9	13.9	0.25E-02	0.37E-02	365.7	12.7	0.10E-02	0.15E-02
231.8	13.9	0.30E-02	0.48E-02	367.6	12.8	0.11E-02	0.15E-02
233.8	13.8	0.37E-02	0.60E-02	369.6	12.8	0.12E-02	0.17E-02
235.7	13.8	0.23E-02	0.35E-02	371.5	12.8	0.12E-02	0.17E-02
237.7	13.8	0.38E-02	0.62E-02	373.5	12.8	0.14E-02	0.19E-02
239.6	13.7	0.25E-02	0.38E-02	375.4	12.9	0.11E-02	0.16E-02
241.5	13.7	0.35E-02	0.57E-02	377.3	12.9	0.13E-02	0.18E-02
243.5	13.6	0.28E-02	0.46E-02	379.3	12.9	0.11E-02	0.15E-02
245.4	13.6	0.31E-02	0.51E-02	381.2	12.9	0.12E-02	0.17E-02
247.3	13.5	0.40E-02	0.66E-02	383.1	12.9	0.69E-03	0.91E-03
249.3	13.5	0.45E-02	0.74E-02	385.1	12.9	0.22E-02	0.33E-02
251.2	13.5	0.32E-02	0.52E-02	387.0	12.9	0.16E-02	0.22E-02
253.2	13.4	0.53E-02	0.96E-02	389.0	12.9	0.16E-02	0.22E-02
255.1	13.4	0.33E-02	0.54E-02	390.9	12.9	0.19E-02	0.29E-02
257.1	13.4	0.49E-02	0.88E-02	392.8	12.9	0.10E-02	0.15E-02
259.0	13.4	0.54E-02	0.98E-02	394.8	12.9	0.26E-02	0.39E-02
260.9	13.4	0.46E-02	0.84E-02	396.7	12.9	0.18E-02	0.27E-02
262.9	13.4	0.43E-02	0.70E-02	398.7	12.9	0.24E-02	0.36E-02
264.8	13.4	0.42E-02	0.69E-02	400.6	12.9	0.25E-03	0.30E-03
266.8	13.3	0.56E-02	0.10E-01	402.6	12.9	0.13E-02	0.19E-02
268.7	13.3	0.35E-02	0.58E-02	404.5	12.9	0.24E-02	0.37E-02
270.6	13.3	0.37E-02	0.60E-02	406.4	12.9	0.21E-02	0.32E-02
272.6	13.2	0.42E-02	0.68E-02	408.4	12.9	0.24E-02	0.36E-02
274.5	13.2	0.37E-02	0.60E-02	410.3	12.9	0.11E-02	0.16E-02
276.5	13.1	0.40E-02	0.65E-02	412.3	12.9	0.18E-02	0.27E-02
278.4	13.1	0.35E-02	0.58E-02	414.2	13.0	0.19E-02	0.29E-02
280.3	13.1	0.43E-02	0.71E-02	416.1	13.0	0.23E-02	0.36E-02
282.3	13.0	0.49E-02	0.88E-02	418.1	13.0	0.24E-02	0.37E-02
284.2	12.9	0.54E-02	0.98E-02	420.0	13.1	0.18E-02	0.28E-02
286.2	12.9	0.36E-02	0.59E-02	422.0	13.1	0.23E-02	0.36E-02
288.1	12.9	0.36E-02	0.60E-02	423.9	13.1	0.37E-02	0.60E-02
290.0	12.8	0.34E-02	0.56E-02	425.8	13.1	0.78E-02	0.14E-01
292.0	12.8	0.42E-02	0.68E-02	427.8	13.1	0.36E-02	0.59E-02
293.9	12.8	0.34E-02	0.56E-02	429.7	13.1	0.18E-02	0.27E-02
295.8	12.8	0.40E-02	0.66E-02	431.6	13.1	0.19E-02	0.29E-02
297.8	12.8	0.31E-02	0.51E-02	433.6	13.1	0.15E-02	0.21E-02
299.7	12.7	0.27E-02	0.45E-02				
301.7	12.7	0.33E-02	0.54E-02				
303.6	12.7	0.25E-02	0.38E-02				
305.6	12.7	0.22E-02	0.34E-02				
307.5	12.7	0.26E-02	0.39E-02				
309.4	12.7	0.16E-02	0.25E-02				
311.4	12.7	0.14E-02	0.19E-02				
313.3	12.6	0.27E-02	0.41E-02				
315.3	12.5	0.28E-02	0.47E-02				
317.2	12.5	0.25E-02	0.37E-02				
319.1	12.5	0.24E-02	0.36E-02				
321.1	12.5	0.25E-02	0.37E-02				
323.0	12.5	0.20E-02	0.30E-02				
325.0	12.4	0.29E-02	0.47E-02				
326.9	12.4	0.19E-02	0.29E-02				
328.8	12.3	0.28E-02	0.46E-02				
330.8	12.2	0.23E-02	0.35E-02				
332.7	12.2	0.16E-02	0.24E-02				
334.7	12.3	0.26E-02	0.39E-02				
336.6	12.3	0.24E-02	0.36E-02				
338.5	12.3	0.23E-02	0.34E-02				
340.5	12.3	0.18E-02	0.27E-02				
342.4	12.4	0.19E-02	0.28E-02				
344.3	12.4	0.25E-02	0.38E-02				
346.3	12.5	0.20E-02	0.30E-02				
348.2	12.5	0.18E-02	0.27E-02				

Bottom Salinity = 36.696

mo 0705

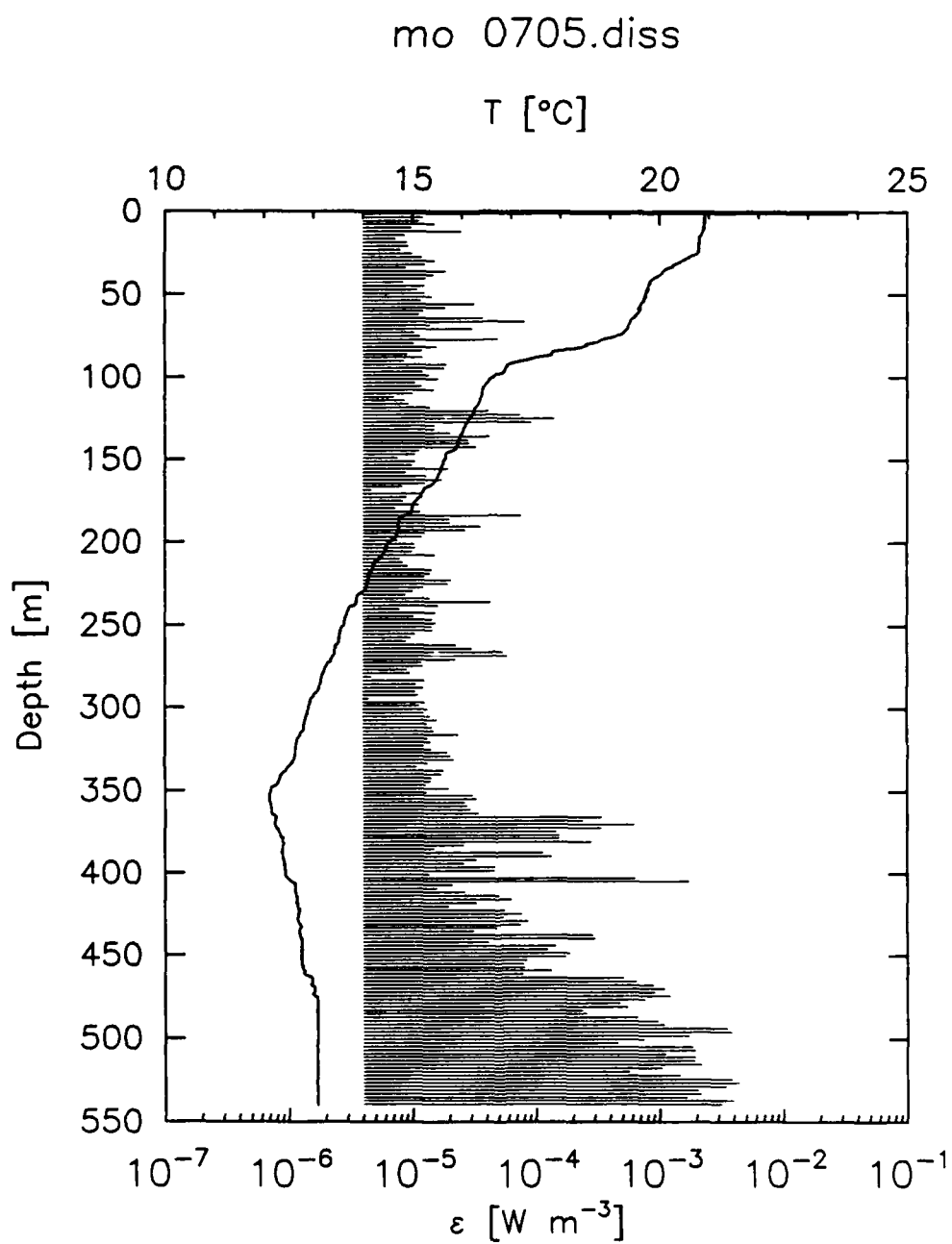
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shear highpass: 10.

shear lowpass: 200.

temp lowpass: 3.



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24 SEP 1988 03:08 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

705 VDP
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 19890502030 20 FEB 1989 20:30 GMT Digitized
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 540 Depth (m)
 1024 Sampling Rate
 0.2027 S P Sensitivity
 low Gain
 450 Temp Freq
 1 Deck Receiver
 SBL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.17 Drop Rate (m/s)

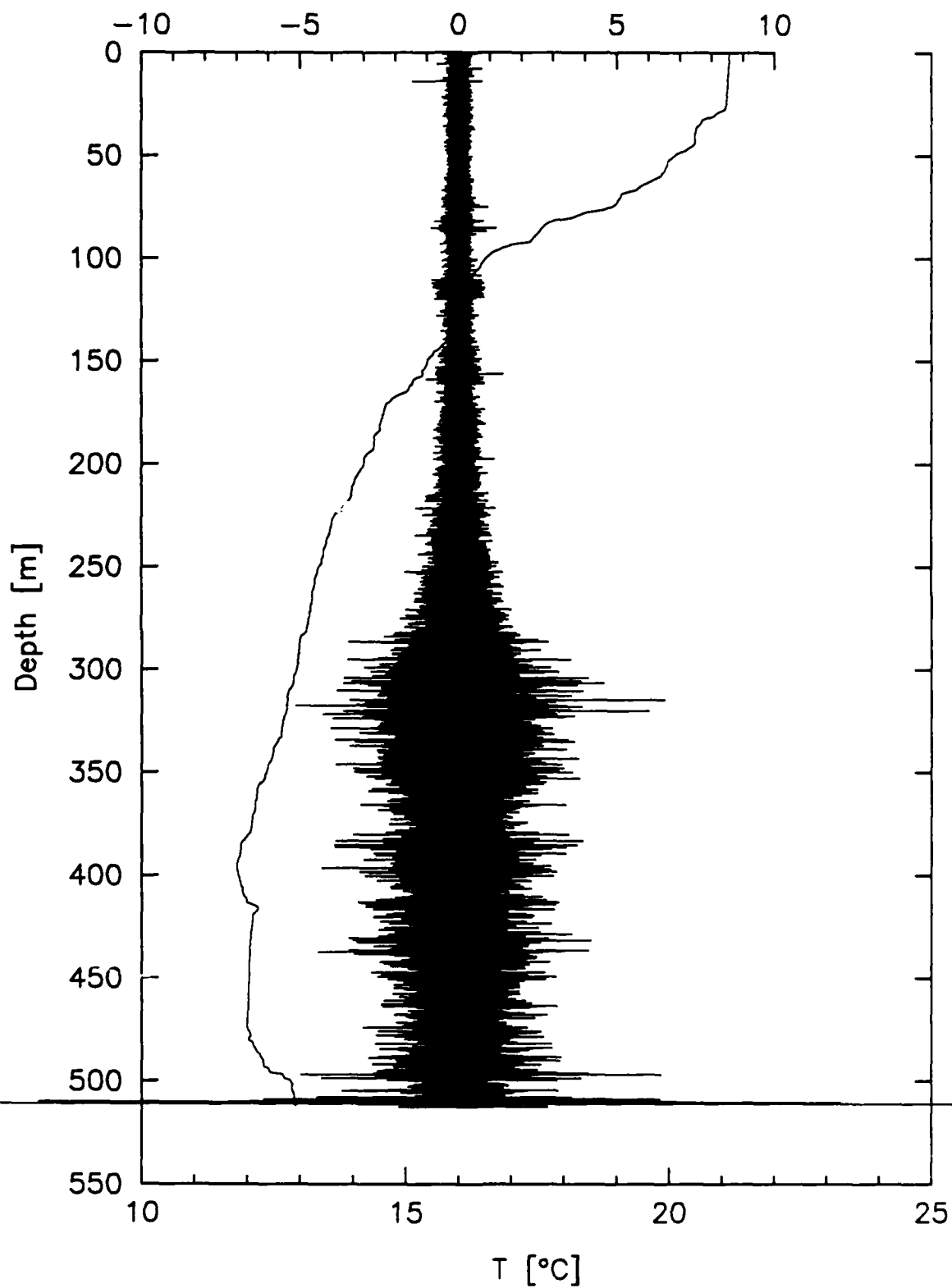
Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.1	20.9	0.33E-01	0.60E-01	120.4	16.2	0.41E-04	0.46E-04
3.3	20.9	0.12E-04	0.13E-04	122.6	16.2	0.74E-04	0.83E-04
5.4	20.9	0.11E-04	0.12E-04	124.8	16.2	0.14E-03	0.16E-03
7.6	20.9	0.15E-04	0.16E-04	126.9	16.1	0.91E-04	0.10E-03
9.8	20.9	0.98E-05	0.10E-04	129.1	16.1	0.15E-04	0.16E-04
11.9	20.9	0.25E-04	0.26E-04	131.3	16.0	0.15E-04	0.16E-04
14.1	20.8	0.86E-05	0.91E-05	133.5	16.0	0.20E-04	0.22E-04
16.3	20.8	0.72E-05	0.76E-05	135.6	16.0	0.42E-04	0.46E-04
18.4	20.8	0.89E-05	0.94E-05	137.8	15.9	0.28E-04	0.30E-04
20.6	20.8	0.91E-05	0.96E-05	140.0	15.9	0.28E-04	0.30E-04
22.8	20.8	0.80E-05	0.84E-05	142.1	15.9	0.32E-04	0.36E-04
25.0	20.8	0.99E-05	0.11E-04	144.3	15.8	0.11E-04	0.12E-04
27.1	20.6	0.12E-04	0.13E-04	146.5	15.7	0.10E-04	0.11E-04
29.3	20.5	0.15E-04	0.16E-04	148.6	15.7	0.75E-05	0.79E-05
31.5	20.3	0.13E-04	0.13E-04	150.8	15.6	0.10E-04	0.11E-04
33.6	20.2	0.88E-05	0.93E-05	153.0	15.6	0.98E-05	0.10E-04
35.8	20.1	0.19E-04	0.20E-04	155.2	15.6	0.19E-04	0.21E-04
38.0	20.0	0.15E-04	0.16E-04	157.3	15.6	0.88E-05	0.92E-05
40.1	19.9	0.13E-04	0.14E-04	159.5	15.5	0.13E-04	0.14E-04
42.3	19.8	0.84E-05	0.89E-05	161.7	15.5	0.17E-04	0.19E-04
44.5	19.8	0.12E-04	0.13E-04	163.8	15.4	0.13E-04	0.13E-04
46.7	19.8	0.11E-04	0.12E-04	166.0	15.3	0.82E-05	0.86E-05
48.8	19.7	0.13E-04	0.13E-04	168.2	15.2	0.46E-05	0.48E-05
51.0	19.7	0.14E-04	0.15E-04	170.3	15.2	0.12E-04	0.13E-04
53.2	19.7	0.12E-04	0.12E-04	172.5	15.1	0.89E-05	0.94E-05
55.3	19.6	0.32E-04	0.35E-04	174.7	15.1	0.84E-05	0.88E-05
57.5	19.6	0.18E-04	0.20E-04	176.9	15.0	0.11E-04	0.12E-04
59.7	19.6	0.12E-04	0.13E-04	179.0	15.0	0.72E-05	0.76E-05
61.8	19.5	0.11E-04	0.12E-04	181.2	15.0	0.12E-04	0.12E-04
64.0	19.5	0.37E-04	0.40E-04	183.4	14.9	0.76E-04	0.86E-04
66.2	19.4	0.80E-04	0.90E-04	185.5	14.7	0.20E-04	0.21E-04
68.4	19.4	0.14E-04	0.15E-04	187.7	14.7	0.20E-04	0.21E-04
70.5	19.4	0.31E-04	0.33E-04	189.9	14.7	0.35E-04	0.39E-04
72.7	19.3	0.10E-04	0.11E-04	192.0	14.7	0.27E-04	0.29E-04
74.9	19.2	0.11E-04	0.12E-04	194.2	14.7	0.12E-04	0.13E-04
77.0	18.9	0.50E-04	0.54E-04	196.4	14.7	0.12E-04	0.13E-04
79.2	18.6	0.10E-04	0.11E-04	198.6	14.6	0.75E-05	0.79E-05
81.4	18.5	0.16E-04	0.17E-04	200.7	14.5	0.10E-04	0.11E-04
83.5	18.1	0.12E-04	0.13E-04	202.9	14.5	0.10E-04	0.11E-04
85.7	17.8	0.90E-05	0.94E-05	205.1	14.4	0.99E-05	0.11E-04
87.9	17.6	0.12E-04	0.13E-04	207.2	14.4	0.15E-04	0.16E-04
90.1	17.2	0.85E-05	0.90E-05	209.4	14.3	0.78E-05	0.82E-05
92.2	17.0	0.19E-04	0.20E-04	211.6	14.2	0.83E-05	0.88E-05
94.4	16.9	0.18E-04	0.19E-04	213.7	14.2	0.91E-05	0.96E-05
96.6	16.9	0.12E-04	0.13E-04	215.9	14.2	0.14E-04	0.15E-04
98.7	16.7	0.13E-04	0.14E-04	218.1	14.1	0.14E-04	0.15E-04
100.9	16.6	0.16E-04	0.17E-04	220.3	14.1	0.12E-04	0.13E-04
103.1	16.5	0.10E-04	0.11E-04	222.4	14.1	0.21E-04	0.22E-04
105.2	16.5	0.12E-04	0.13E-04	224.6	14.1	0.19E-04	0.21E-04
107.4	16.4	0.15E-04	0.16E-04	226.8	14.1	0.12E-04	0.13E-04
109.6	16.4	0.99E-05	0.11E-04	228.9	14.0	0.10E-04	0.11E-04
111.8	16.4	0.71E-05	0.75E-05	231.1	13.9	0.87E-05	0.91E-05
113.9	16.4	0.86E-05	0.91E-05	233.3	13.9	0.14E-04	0.15E-04
116.1	16.3	0.92E-05	0.97E-05	235.4	13.9	0.43E-04	0.47E-04
118.3	16.3	0.14E-04	0.15E-04	237.6	13.8	0.16E-04	0.17E-04

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
239.8	13.7	0.77E-05	0.81E-05	391.7	12.4	0.33E-04	0.36E-04
242.0	13.7	0.15E-04	0.16E-04	393.9	12.4	0.26E-04	0.28E-04
244.1	13.7	0.10E-04	0.11E-04	396.0	12.4	0.46E-04	0.51E-04
246.3	13.6	0.14E-04	0.15E-04	398.2	12.4	0.45E-04	0.50E-04
248.5	13.6	0.15E-04	0.16E-04	400.4	12.4	0.13E-04	0.14E-04
250.6	13.6	0.14E-04	0.15E-04	402.5	12.5	0.63E-03	0.83E-03
252.8	13.6	0.14E-04	0.15E-04	404.7	12.5	0.17E-02	0.26E-02
255.0	13.5	0.10E-04	0.11E-04	406.9	12.6	0.21E-04	0.22E-04
257.1	13.5	0.97E-05	0.10E-04	409.0	12.6	0.16E-04	0.17E-04
259.3	13.5	0.88E-05	0.93E-05	411.2	12.6	0.26E-04	0.28E-04
261.5	13.5	0.22E-04	0.24E-04	413.4	12.6	0.49E-04	0.54E-04
263.7	13.4	0.30E-04	0.33E-04	415.6	12.7	0.62E-04	0.70E-04
265.8	13.4	0.54E-04	0.59E-04	417.7	12.7	0.33E-04	0.37E-04
268.0	13.4	0.58E-04	0.66E-04	419.9	12.7	0.20E-04	0.21E-04
270.2	13.4	0.22E-04	0.24E-04	422.1	12.7	0.55E-04	0.61E-04
272.3	13.3	0.12E-04	0.12E-04	424.2	12.7	0.77E-04	0.87E-04
274.5	13.3	0.12E-04	0.13E-04	426.4	12.7	0.54E-04	0.60E-04
276.7	13.2	0.89E-05	0.94E-05	428.6	12.7	0.86E-04	0.97E-04
278.8	13.2	0.94E-05	0.99E-05	430.7	12.7	0.75E-04	0.85E-04
281.0	13.2	0.46E-05	0.48E-05	432.9	12.7	0.48E-04	0.53E-04
283.2	13.1	0.12E-04	0.13E-04	435.1	12.7	0.31E-04	0.35E-04
285.4	13.1	0.11E-04	0.11E-04	437.3	12.7	0.29E-03	0.34E-03
287.5	13.1	0.12E-04	0.13E-04	439.4	12.7	0.30E-03	0.36E-03
289.7	13.1	0.11E-04	0.11E-04	441.6	12.8	0.41E-04	0.46E-04
291.9	13.0	0.11E-04	0.12E-04	443.8	12.8	0.14E-03	0.16E-03
294.0	13.0	0.44E-05	0.46E-05	445.9	12.8	0.12E-03	0.14E-03
296.2	12.9	0.13E-04	0.13E-04	448.1	12.7	0.19E-03	0.22E-03
298.4	12.9	0.11E-04	0.12E-04	450.3	12.7	0.17E-03	0.20E-03
300.5	12.9	0.13E-04	0.14E-04	452.4	12.7	0.83E-04	0.94E-04
302.7	12.9	0.12E-04	0.13E-04	454.6	12.7	0.79E-04	0.88E-04
304.9	12.9	0.14E-04	0.15E-04	456.8	12.8	0.81E-04	0.91E-04
307.1	12.8	0.16E-04	0.17E-04	459.0	12.8	0.13E-03	0.15E-03
309.2	12.8	0.13E-04	0.14E-04	461.1	12.8	0.78E-04	0.88E-04
311.4	12.8	0.14E-04	0.15E-04	463.3	12.9	0.52E-03	0.64E-03
313.6	12.8	0.15E-04	0.16E-04	465.5	13.0	0.64E-03	0.85E-03
315.7	12.7	0.23E-04	0.25E-04	467.6	13.0	0.89E-03	0.12E-02
317.9	12.7	0.13E-04	0.14E-04	469.8	13.0	0.11E-02	0.15E-02
320.1	12.7	0.14E-04	0.15E-04	472.0	13.0	0.92E-03	0.12E-02
322.2	12.6	0.12E-04	0.13E-04	474.1	13.0	0.12E-02	0.17E-02
324.4	12.6	0.14E-04	0.15E-04	476.3	13.1	0.76E-03	0.10E-02
326.6	12.6	0.19E-04	0.20E-04	478.5	13.1	0.48E-03	0.60E-03
328.8	12.6	0.20E-04	0.22E-04	480.7	13.1	0.55E-03	0.69E-03
330.9	12.6	0.22E-04	0.23E-04	482.8	13.1	0.24E-03	0.28E-03
333.1	12.6	0.13E-04	0.14E-04	485.0	13.1	0.26E-03	0.31E-03
335.3	12.5	0.11E-04	0.11E-04	487.2	13.1	0.66E-03	0.87E-03
337.4	12.4	0.18E-04	0.19E-04	489.3	13.1	0.97E-03	0.14E-02
339.6	12.4	0.17E-04	0.18E-04	491.5	13.1	0.11E-02	0.15E-02
341.8	12.3	0.14E-04	0.15E-04	493.7	13.1	0.35E-02	0.58E-02
343.9	12.3	0.14E-04	0.15E-04	495.8	13.1	0.38E-02	0.62E-02
346.1	12.3	0.13E-04	0.14E-04	498.0	13.1	0.17E-02	0.26E-02
348.3	12.2	0.19E-04	0.21E-04	500.2	13.1	0.74E-03	0.97E-03
350.5	12.1	0.13E-04	0.14E-04	502.4	13.1	0.46E-03	0.57E-03
352.6	12.1	0.30E-04	0.33E-04	504.5	13.1	0.19E-02	0.28E-02
354.8	12.1	0.33E-04	0.36E-04	506.7	13.1	0.19E-02	0.30E-02
357.0	12.1	0.26E-04	0.28E-04	508.9	13.1	0.11E-02	0.16E-02
359.1	12.1	0.28E-04	0.30E-04	511.0	13.1	0.20E-02	0.30E-02
361.3	12.1	0.29E-04	0.31E-04	513.2	13.1	0.19E-02	0.29E-02
363.5	12.1	0.34E-04	0.37E-04	515.4	13.1	0.22E-02	0.33E-02
365.6	12.2	0.34E-03	0.42E-03	517.5	13.1	0.10E-02	0.15E-02
367.8	12.2	0.24E-03	0.28E-03	519.7	13.1	0.57E-03	0.75E-03
370.0	12.2	0.62E-03	0.82E-03	521.9	13.1	0.15E-02	0.21E-02
372.2	12.2	0.33E-03	0.42E-03	524.1	13.1	0.39E-02	0.63E-02
374.3	12.3	0.15E-03	0.17E-03	526.2	13.1	0.44E-02	0.72E-02
376.5	12.3	0.15E-03	0.18E-03	528.4	13.1	0.34E-02	0.56E-02
378.7	12.4	0.16E-03	0.18E-03	530.6	13.1	0.20E-02	0.31E-02
380.8	12.4	0.28E-03	0.33E-03	532.7	13.1	0.21E-02	0.33E-02
383.0	12.4	0.26E-04	0.28E-04	534.9	13.1	0.17E-02	0.25E-02
385.2	12.4	0.15E-04	0.16E-04	537.1	13.1	0.39E-02	0.64E-02
387.3	12.4	0.11E-03	0.13E-03	539.2	13.1	0.32E-02	0.52E-02
389.5	12.4	0.13E-03	0.15E-03				

Bottom Salinity = 36.696

mo 0824

$\partial u / \partial z$ [sec⁻¹]



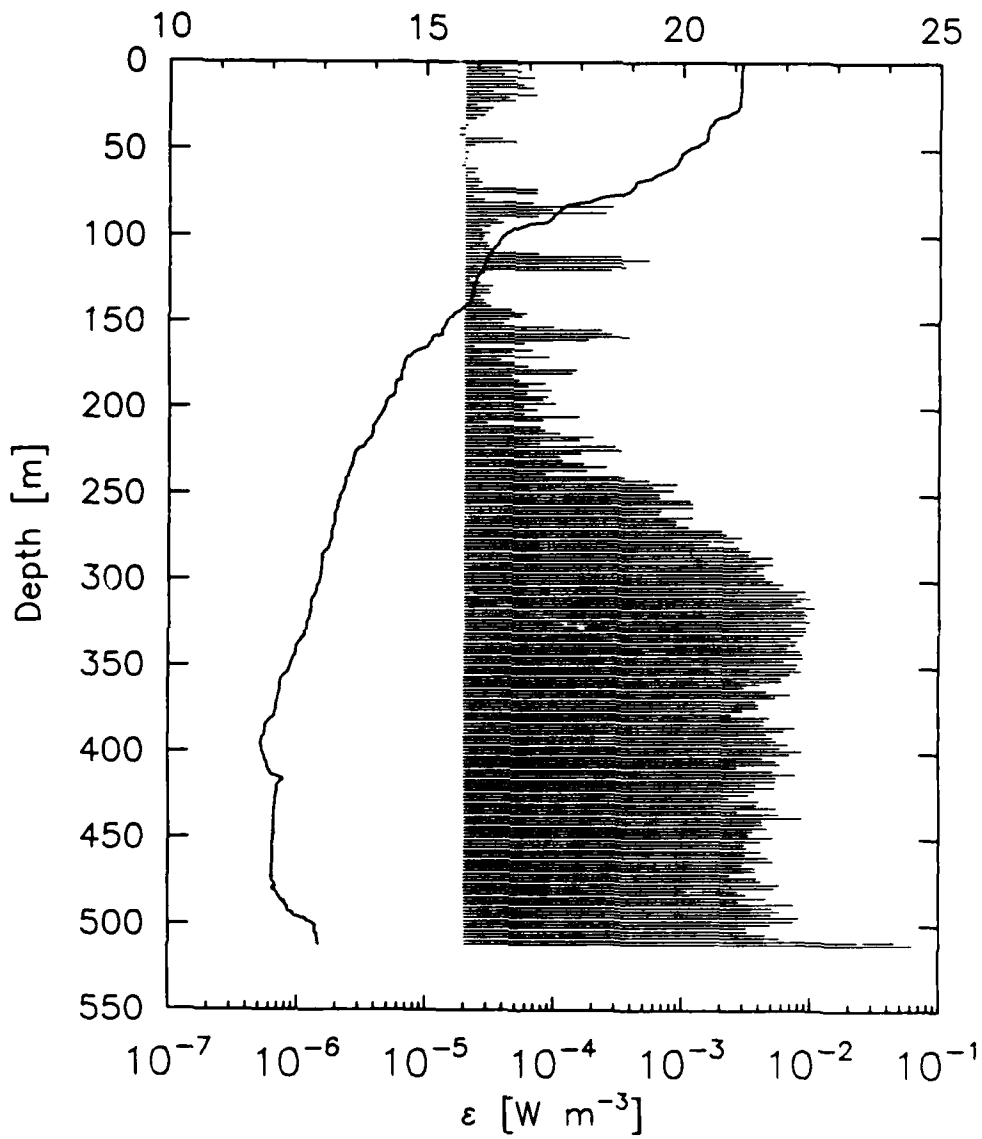
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shear lowpass: 200.

temp lowpass: 3.

mo 0824.diss

T [°C]



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Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

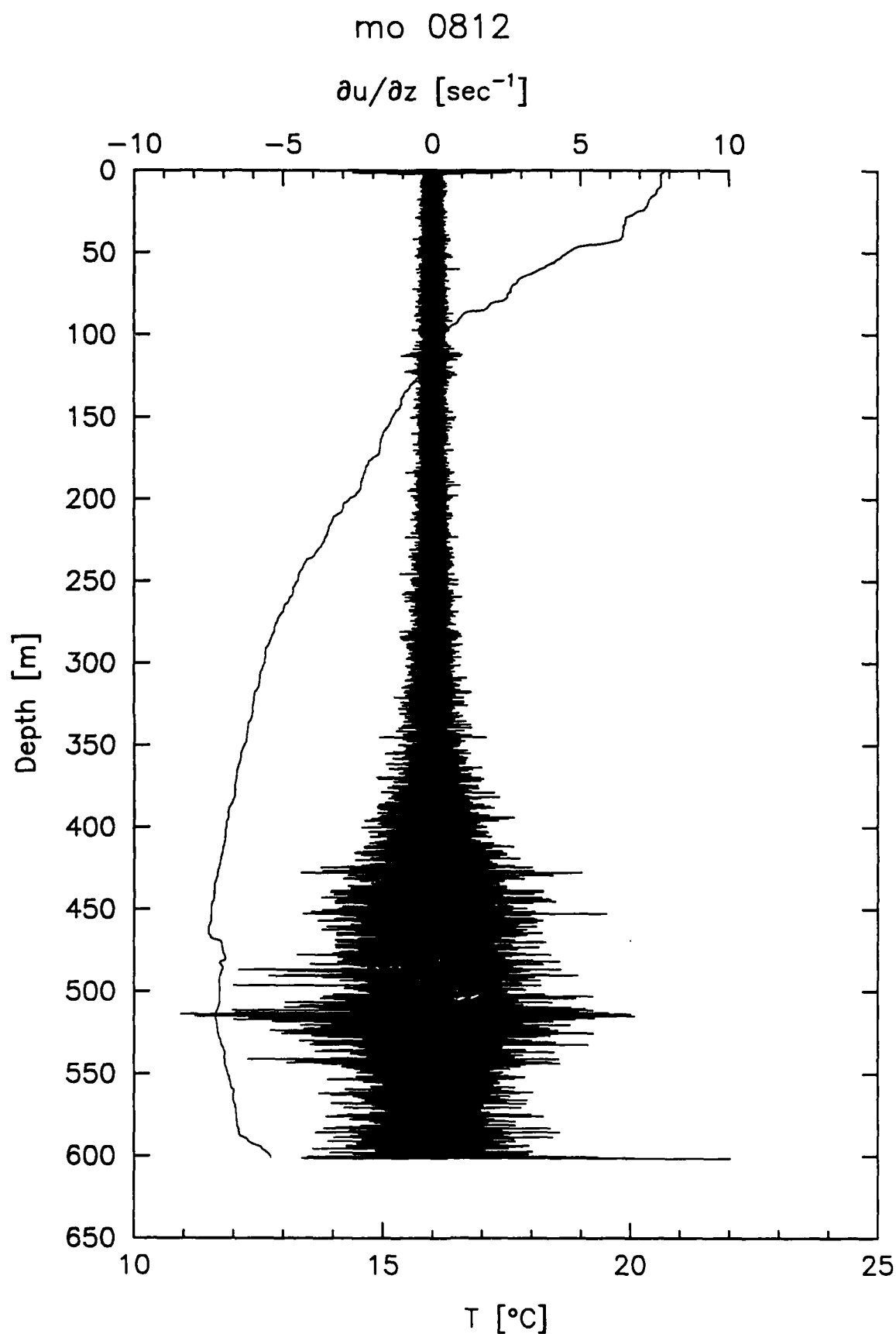
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 3 Site Number
 19882680408 24 SEP 1988 04:08 GMT
 19890502047 20 FEB 1989 20:47 GMT Digitized
 35 59.22 6 40.53 Lat/Lon
 535 Depth (m)
 1024 Sampling Rate
 0.1653 S P Sensitivity
 low Gain
 449 Temp Freq
 1 Deck Receiver
 SBL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 1.94 Drop Rate (m/s)

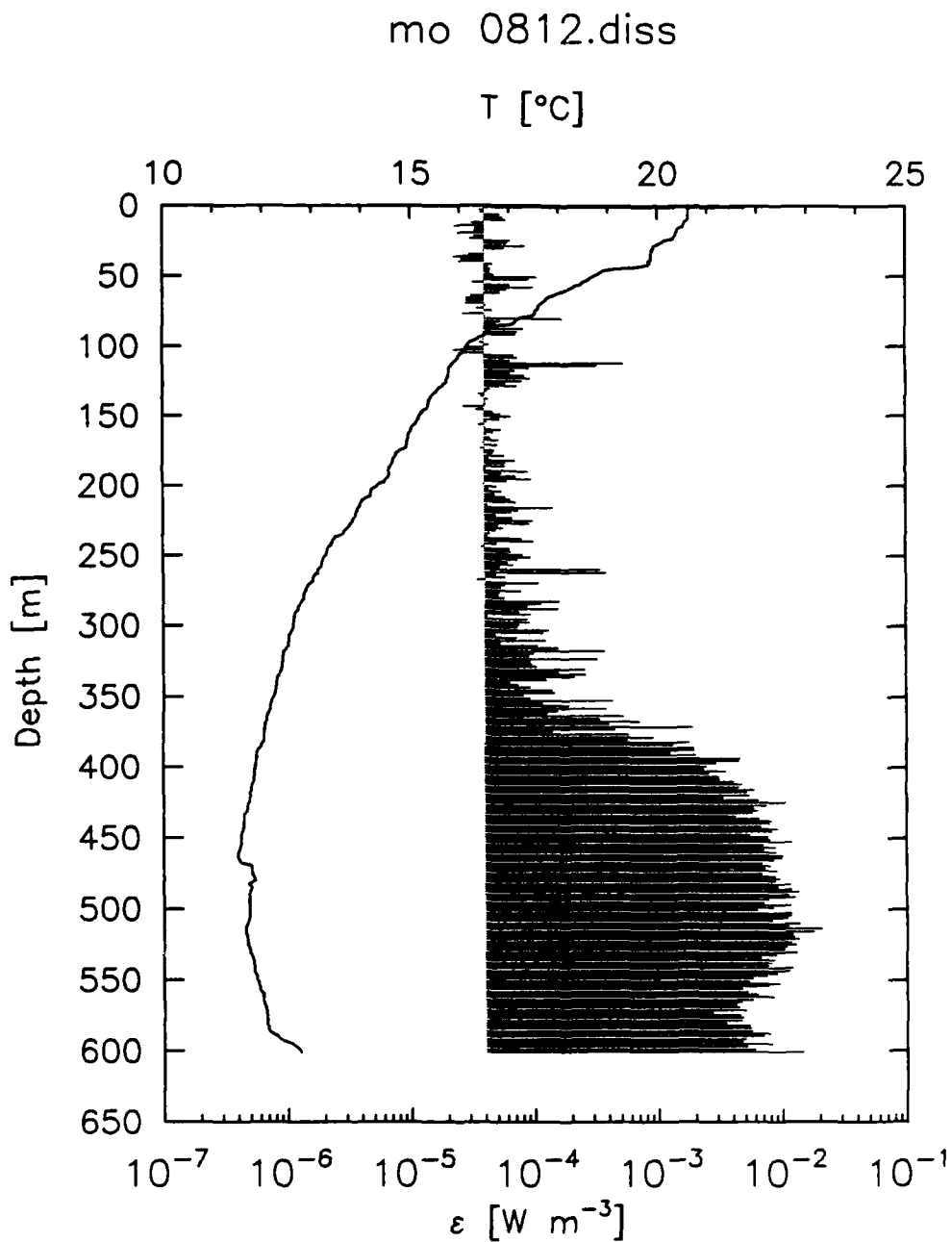
Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.0	21.1	0.52E-04	0.57E-04	107.7	16.3	0.31E-04	0.35E-04
2.9	21.1	0.38E-04	0.42E-04	109.6	16.2	0.75E-04	0.84E-04
4.8	21.1	0.54E-04	0.59E-04	111.6	16.2	0.33E-03	0.41E-03
6.8	21.1	0.40E-04	0.44E-04	113.5	16.2	0.55E-03	0.68E-03
8.7	21.1	0.69E-04	0.77E-04	115.4	16.1	0.34E-03	0.42E-03
10.7	21.1	0.49E-04	0.53E-04	117.4	16.1	0.36E-03	0.45E-03
12.6	21.1	0.56E-04	0.63E-04	119.3	16.1	0.28E-03	0.33E-03
14.6	21.1	0.67E-04	0.75E-04	121.3	16.1	0.29E-04	0.31E-04
16.5	21.1	0.33E-04	0.36E-04	123.2	16.0	0.25E-04	0.27E-04
18.4	21.1	0.71E-04	0.79E-04	125.1	16.0	0.22E-04	0.24E-04
20.4	21.1	0.43E-04	0.47E-04	127.1	15.9	0.26E-04	0.28E-04
22.3	21.1	0.48E-04	0.52E-04	129.0	15.9	0.33E-04	0.36E-04
24.3	21.1	0.24E-04	0.26E-04	130.9	15.9	0.30E-04	0.33E-04
26.2	21.1	0.33E-04	0.36E-04	132.9	15.9	0.32E-04	0.35E-04
28.1	21.0	0.30E-04	0.32E-04	134.8	15.9	0.26E-04	0.28E-04
30.1	20.9	0.28E-04	0.30E-04	136.8	15.9	0.28E-04	0.30E-04
32.0	20.7	0.24E-04	0.26E-04	138.7	15.8	0.29E-04	0.31E-04
33.9	20.6	0.20E-04	0.21E-04	140.7	15.8	0.32E-04	0.35E-04
35.9	20.5	0.21E-04	0.23E-04	142.6	15.7	0.46E-04	0.50E-04
37.8	20.5	0.18E-04	0.19E-04	144.5	15.6	0.60E-04	0.68E-04
39.8	20.5	0.20E-04	0.22E-04	146.5	15.5	0.56E-04	0.61E-04
41.7	20.5	0.18E-04	0.19E-04	148.4	15.4	0.45E-04	0.49E-04
43.7	20.5	0.39E-04	0.43E-04	150.3	15.4	0.41E-04	0.45E-04
45.6	20.4	0.50E-04	0.55E-04	152.3	15.4	0.10E-03	0.11E-03
47.5	20.3	0.24E-04	0.26E-04	154.2	15.3	0.24E-03	0.28E-03
49.5	20.1	0.20E-04	0.21E-04	156.2	15.3	0.28E-03	0.34E-03
51.4	20.0	0.21E-04	0.23E-04	158.1	15.2	0.39E-03	0.48E-03
53.3	20.0	0.20E-04	0.22E-04	160.0	15.1	0.19E-03	0.22E-03
55.3	19.9	0.21E-04	0.22E-04	162.0	15.1	0.59E-04	0.66E-04
57.2	19.9	0.20E-04	0.21E-04	163.9	15.0	0.24E-04	0.26E-04
59.2	19.9	0.19E-04	0.20E-04	165.9	14.9	0.68E-04	0.76E-04
61.1	19.8	0.25E-04	0.27E-04	167.8	14.8	0.47E-04	0.51E-04
63.1	19.6	0.24E-04	0.26E-04	169.8	14.7	0.91E-04	0.10E-03
65.0	19.5	0.21E-04	0.22E-04	171.7	14.6	0.39E-04	0.42E-04
66.9	19.3	0.25E-04	0.27E-04	173.6	14.6	0.49E-04	0.54E-04
68.9	19.1	0.27E-04	0.29E-04	175.6	14.6	0.63E-04	0.71E-04
70.8	19.1	0.25E-04	0.27E-04	177.5	14.6	0.15E-03	0.17E-03
72.8	19.0	0.74E-04	0.83E-04	179.4	14.5	0.14E-03	0.16E-03
74.7	18.9	0.72E-04	0.81E-04	181.4	14.5	0.47E-04	0.51E-04
76.6	18.6	0.23E-04	0.25E-04	183.3	14.5	0.53E-04	0.59E-04
78.6	18.3	0.28E-04	0.30E-04	185.3	14.4	0.85E-04	0.95E-04
80.5	18.0	0.68E-04	0.76E-04	187.2	14.4	0.63E-04	0.70E-04
82.4	17.7	0.28E-03	0.34E-03	189.2	14.4	0.94E-04	0.11E-03
84.4	17.6	0.96E-04	0.11E-03	191.1	14.4	0.61E-04	0.68E-04
86.3	17.6	0.25E-03	0.30E-03	193.0	14.4	0.89E-04	0.10E-03
88.3	17.5	0.75E-04	0.84E-04	195.0	14.3	0.81E-04	0.91E-04
90.2	17.4	0.36E-04	0.40E-04	196.9	14.2	0.10E-03	0.12E-03
92.2	17.2	0.40E-04	0.44E-04	198.8	14.2	0.58E-04	0.65E-04
94.1	16.9	0.32E-04	0.35E-04	200.8	14.2	0.73E-04	0.82E-04
96.0	16.7	0.27E-04	0.29E-04	202.7	14.1	0.58E-04	0.66E-04
98.0	16.6	0.31E-04	0.33E-04	204.7	14.1	0.16E-03	0.18E-03
99.9	16.5	0.28E-04	0.30E-04	206.6	14.1	0.81E-04	0.91E-04
101.9	16.4	0.27E-04	0.29E-04	208.5	14.0	0.30E-04	0.32E-04
103.8	16.4	0.30E-04	0.32E-04	210.5	14.0	0.78E-04	0.88E-04
105.7	16.4	0.30E-04	0.33E-04	212.4	14.0	0.85E-04	0.96E-04

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
214.4	14.0	0.11E-03	0.13E-03	350.2	12.4	0.78E-02	0.14E-01
216.3	13.9	0.20E-03	0.24E-03	352.1	12.3	0.86E-02	0.16E-01
218.3	13.9	0.16E-03	0.18E-03	354.1	12.3	0.70E-02	0.13E-01
220.2	13.8	0.78E-04	0.88E-04	356.0	12.2	0.60E-02	0.11E-01
222.1	13.8	0.30E-03	0.36E-03	357.9	12.2	0.61E-02	0.11E-01
224.1	13.7	0.33E-03	0.42E-03	359.9	12.2	0.42E-02	0.69E-02
226.0	13.6	0.16E-03	0.19E-03	361.8	12.2	0.31E-02	0.51E-02
227.9	13.6	0.11E-03	0.13E-03	363.8	12.2	0.46E-02	0.84E-02
229.9	13.6	0.12E-03	0.13E-03	365.7	12.2	0.72E-02	0.13E-01
231.8	13.6	0.17E-03	0.19E-03	367.6	12.1	0.54E-02	0.99E-02
233.8	13.5	0.26E-03	0.31E-03	369.6	12.1	0.38E-02	0.62E-02
235.7	13.5	0.18E-03	0.21E-03	371.5	12.1	0.40E-02	0.66E-02
237.7	13.5	0.85E-04	0.96E-04	373.5	12.1	0.40E-02	0.66E-02
239.6	13.5	0.36E-03	0.45E-03	375.4	12.1	0.30E-02	0.50E-02
241.5	13.4	0.56E-03	0.73E-03	377.3	12.1	0.24E-02	0.37E-02
243.5	13.4	0.92E-03	0.12E-02	379.3	12.1	0.49E-02	0.89E-02
245.4	13.4	0.60E-03	0.78E-03	381.2	12.0	0.44E-02	0.73E-02
247.3	13.4	0.86E-03	0.11E-02	383.1	11.9	0.44E-02	0.72E-02
249.3	13.4	0.67E-03	0.88E-03	385.1	11.9	0.77E-02	0.14E-01
251.2	13.3	0.68E-03	0.89E-03	387.0	11.9	0.62E-02	0.11E-01
253.2	13.3	0.12E-02	0.16E-02	389.0	11.9	0.46E-02	0.84E-02
255.1	13.3	0.12E-02	0.17E-02	390.9	11.9	0.51E-02	0.93E-02
257.1	13.3	0.12E-02	0.17E-02	392.8	11.8	0.56E-02	0.10E-01
259.0	13.3	0.69E-03	0.91E-03	394.8	11.8	0.69E-02	0.12E-01
260.9	13.2	0.66E-03	0.87E-03	396.7	11.8	0.59E-02	0.11E-01
262.9	13.2	0.12E-02	0.17E-02	398.7	11.8	0.87E-02	0.16E-01
264.8	13.2	0.91E-03	0.12E-02	400.6	11.8	0.70E-02	0.13E-01
266.8	13.2	0.90E-03	0.12E-02	402.6	11.9	0.43E-02	0.71E-02
268.7	13.2	0.11E-02	0.16E-02	404.5	11.9	0.55E-02	0.10E-01
270.6	13.2	0.21E-02	0.31E-02	406.4	11.9	0.59E-02	0.11E-01
272.6	13.2	0.22E-02	0.34E-02	408.4	11.9	0.27E-02	0.45E-02
274.5	13.2	0.30E-02	0.49E-02	410.3	11.9	0.52E-02	0.94E-02
276.5	13.2	0.26E-02	0.39E-02	412.3	12.0	0.77E-02	0.14E-01
278.4	13.1	0.16E-02	0.25E-02	414.2	12.1	0.55E-02	0.10E-01
280.3	13.1	0.28E-02	0.46E-02	416.1	12.2	0.54E-02	0.99E-02
282.3	13.1	0.34E-02	0.56E-02	418.1	12.1	0.38E-02	0.62E-02
284.2	13.0	0.33E-02	0.54E-02	420.0	12.1	0.53E-02	0.96E-02
286.2	13.0	0.51E-02	0.94E-02	422.0	12.1	0.37E-02	0.61E-02
288.1	13.0	0.38E-02	0.63E-02	423.9	12.1	0.33E-02	0.55E-02
290.0	13.0	0.52E-02	0.95E-02	425.8	12.1	0.24E-02	0.36E-02
292.0	13.0	0.44E-02	0.72E-02	427.8	12.1	0.40E-02	0.66E-02
293.9	13.0	0.39E-02	0.64E-02	429.7	12.1	0.38E-02	0.63E-02
295.8	13.0	0.44E-02	0.72E-02	431.6	12.1	0.54E-02	0.98E-02
297.8	12.9	0.45E-02	0.73E-02	433.6	12.1	0.27E-02	0.44E-02
299.7	12.9	0.51E-02	0.94E-02	435.5	12.1	0.57E-02	0.10E-01
301.7	12.9	0.61E-02	0.11E-01	437.5	12.0	0.86E-02	0.16E-01
303.6	12.9	0.58E-02	0.10E-01	439.4	12.0	0.43E-02	0.70E-02
305.6	12.9	0.91E-02	0.17E-01	441.3	12.0	0.43E-02	0.71E-02
307.5	12.8	0.79E-02	0.14E-01	443.3	12.0	0.47E-02	0.86E-02
309.4	12.8	0.10E-01	0.18E-01	445.2	12.0	0.36E-02	0.59E-02
311.4	12.8	0.85E-02	0.15E-01	447.2	12.0	0.33E-02	0.54E-02
313.3	12.8	0.75E-02	0.14E-01	449.1	12.0	0.52E-02	0.94E-02
315.3	12.8	0.11E-01	0.20E-01	451.1	12.0	0.41E-02	0.68E-02
317.2	12.8	0.90E-02	0.16E-01	453.0	12.0	0.31E-02	0.51E-02
319.1	12.7	0.94E-02	0.17E-01	454.9	12.0	0.32E-02	0.53E-02
321.1	12.7	0.89E-02	0.16E-01	456.9	12.0	0.42E-02	0.69E-02
323.0	12.7	0.99E-02	0.18E-01	458.8	12.0	0.32E-02	0.52E-02
325.0	12.7	0.71E-02	0.13E-01	460.8	12.0	0.48E-02	0.87E-02
326.9	12.7	0.91E-02	0.17E-01	462.7	12.0	0.52E-02	0.94E-02
328.8	12.7	0.93E-02	0.17E-01	464.6	12.0	0.30E-02	0.49E-02
330.8	12.7	0.90E-02	0.16E-01	466.6	12.0	0.38E-02	0.62E-02
332.7	12.6	0.72E-02	0.13E-01	468.5	12.0	0.38E-02	0.62E-02
334.7	12.6	0.81E-02	0.15E-01	470.5	12.0	0.24E-02	0.36E-02
336.6	12.5	0.77E-02	0.14E-01	472.4	12.0	0.39E-02	0.64E-02
338.5	12.5	0.67E-02	0.12E-01	474.3	12.0	0.42E-02	0.69E-02
340.5	12.5	0.84E-02	0.15E-01	476.3	12.1	0.58E-02	0.11E-01
342.4	12.5	0.88E-02	0.16E-01	478.2	12.1	0.53E-02	0.97E-02
344.3	12.4	0.88E-02	0.16E-01	480.1	12.1	0.28E-02	0.46E-02
346.3	12.4	0.63E-02	0.11E-01	482.1	12.1	0.32E-02	0.53E-02
348.2	12.4	0.80E-02	0.15E-01	484.0	12.1	0.46E-02	0.83E-02

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
486.0	12.2	0.28E-02	0.46E-02
487.9	12.3	0.75E-02	0.14E-01
489.8	12.3	0.51E-02	0.93E-02
491.8	12.3	0.59E-02	0.11E-01
493.7	12.4	0.51E-02	0.93E-02
495.7	12.5	0.82E-02	0.15E-01
497.6	12.7	0.75E-02	0.14E-01
499.6	12.8	0.50E-02	0.91E-02
501.5	12.9	0.32E-02	0.53E-02
503.4	12.8	0.33E-02	0.54E-02
505.4	12.9	0.45E-02	0.74E-02
507.3	12.9	0.58E-02	0.10E-01
509.3	12.9	0.45E-01	0.82E-01
511.2	12.9	0.63E-01	0.11E+00

Bottom Salinity = 36.772





35 57.58 6 43.68 Lat/Lon
 24 SEP 1988 05:16 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

812 XDP
 4 Site Number
 19882680516 24 SEP 1988 05:16 GMT
 19890502059 20 FEB 1989 20:59 GMT Digitized
 35 57.58 6 43.68 Lat/Lon
 600 Depth (m)
 1024 Sampling Rate
 0.1576 S P Sensitivity
 low Gain
 449 Temp Freq
 1 Deck Receiver
 SBL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 1.85 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
0.9	20.7	0.50E-02	0.91E-02	102.7	16.1	0.23E-04	0.24E-04
2.8	20.6	0.37E-04	0.40E-04	104.5	16.1	0.25E-04	0.27E-04
4.6	20.6	0.37E-04	0.41E-04	106.4	16.0	0.69E-04	0.78E-04
6.5	20.6	0.53E-04	0.59E-04	108.2	16.0	0.74E-04	0.83E-04
8.3	20.6	0.56E-04	0.61E-04	110.1	15.9	0.64E-04	0.72E-04
10.2	20.6	0.59E-04	0.67E-04	111.9	15.9	0.53E-03	0.66E-03
12.0	20.5	0.32E-04	0.35E-04	113.8	15.8	0.32E-03	0.40E-03
13.9	20.5	0.23E-04	0.25E-04	115.6	15.8	0.91E-04	0.10E-03
15.7	20.4	0.34E-04	0.37E-04	117.5	15.8	0.70E-04	0.78E-04
17.6	20.4	0.33E-04	0.36E-04	119.3	15.8	0.64E-04	0.72E-04
19.4	20.4	0.24E-04	0.26E-04	121.2	15.8	0.84E-04	0.94E-04
21.3	20.4	0.33E-04	0.36E-04	123.0	15.7	0.94E-04	0.11E-03
23.1	20.3	0.31E-04	0.34E-04	124.9	15.7	0.80E-04	0.90E-04
25.0	20.1	0.64E-04	0.72E-04	126.7	15.7	0.58E-04	0.65E-04
26.8	20.1	0.61E-04	0.69E-04	128.6	15.6	0.72E-04	0.81E-04
28.7	19.9	0.85E-04	0.96E-04	130.4	15.6	0.44E-04	0.49E-04
30.5	19.9	0.58E-04	0.65E-04	132.3	15.5	0.42E-04	0.46E-04
32.4	19.9	0.39E-04	0.43E-04	134.1	15.5	0.36E-04	0.39E-04
34.2	19.9	0.30E-04	0.32E-04	136.0	15.4	0.37E-04	0.41E-04
36.1	19.9	0.23E-04	0.24E-04	137.8	15.4	0.43E-04	0.47E-04
37.9	19.9	0.26E-04	0.28E-04	139.7	15.4	0.41E-04	0.45E-04
39.8	19.8	0.25E-04	0.27E-04	141.5	15.4	0.41E-04	0.45E-04
41.6	19.8	0.46E-04	0.51E-04	143.4	15.4	0.27E-04	0.29E-04
43.5	19.6	0.43E-04	0.47E-04	145.2	15.3	0.34E-04	0.38E-04
45.3	19.2	0.45E-04	0.49E-04	147.1	15.2	0.47E-04	0.52E-04
47.2	18.9	0.44E-04	0.48E-04	148.9	15.2	0.54E-04	0.59E-04
49.0	18.8	0.48E-04	0.53E-04	150.8	15.2	0.65E-04	0.74E-04
50.9	18.7	0.11E-03	0.12E-03	152.6	15.2	0.53E-04	0.59E-04
52.7	18.6	0.91E-04	0.10E-03	154.5	15.1	0.42E-04	0.46E-04
54.6	18.5	0.32E-04	0.35E-04	156.3	15.1	0.36E-04	0.40E-04
56.4	18.4	0.64E-04	0.71E-04	158.2	15.0	0.41E-04	0.45E-04
58.3	18.3	0.99E-04	0.11E-03	160.0	15.0	0.54E-04	0.60E-04
60.1	18.2	0.60E-04	0.68E-04	161.9	15.0	0.47E-04	0.51E-04
62.0	18.0	0.54E-04	0.59E-04	163.7	15.0	0.41E-04	0.45E-04
63.8	17.9	0.31E-04	0.34E-04	165.6	15.0	0.44E-04	0.49E-04
65.7	17.8	0.28E-04	0.31E-04	167.4	14.9	0.52E-04	0.57E-04
67.5	17.7	0.28E-04	0.31E-04	169.3	14.9	0.39E-04	0.43E-04
69.4	17.7	0.28E-04	0.30E-04	171.1	14.9	0.51E-04	0.56E-04
71.2	17.6	0.41E-04	0.45E-04	173.0	14.9	0.37E-04	0.41E-04
73.1	17.6	0.35E-04	0.38E-04	174.8	14.8	0.48E-04	0.53E-04
74.9	17.5	0.46E-04	0.51E-04	176.7	14.7	0.47E-04	0.51E-04
76.8	17.5	0.27E-04	0.29E-04	178.5	14.7	0.58E-04	0.65E-04
78.6	17.5	0.41E-04	0.45E-04	180.4	14.7	0.43E-04	0.48E-04
80.5	17.2	0.17E-03	0.20E-03	182.2	14.6	0.70E-04	0.78E-04
82.3	17.1	0.54E-04	0.59E-04	184.1	14.6	0.58E-04	0.65E-04
84.2	17.1	0.50E-04	0.54E-04	185.9	14.6	0.59E-04	0.66E-04
86.0	16.7	0.52E-04	0.58E-04	187.8	14.6	0.41E-04	0.45E-04
87.9	16.6	0.83E-04	0.93E-04	189.6	14.6	0.89E-04	0.10E-03
89.7	16.6	0.74E-04	0.83E-04	191.5	14.6	0.55E-04	0.61E-04
91.6	16.5	0.73E-04	0.82E-04	193.3	14.6	0.71E-04	0.80E-04
93.4	16.4	0.38E-04	0.42E-04	195.2	14.5	0.94E-04	0.11E-03
95.3	16.4	0.39E-04	0.43E-04	197.0	14.5	0.60E-04	0.68E-04
97.1	16.2	0.37E-04	0.40E-04	198.9	14.4	0.39E-04	0.43E-04
99.0	16.2	0.44E-04	0.48E-04	200.7	14.3	0.49E-04	0.54E-04
100.8	16.1	0.27E-04	0.30E-04	202.6	14.2	0.43E-04	0.47E-04

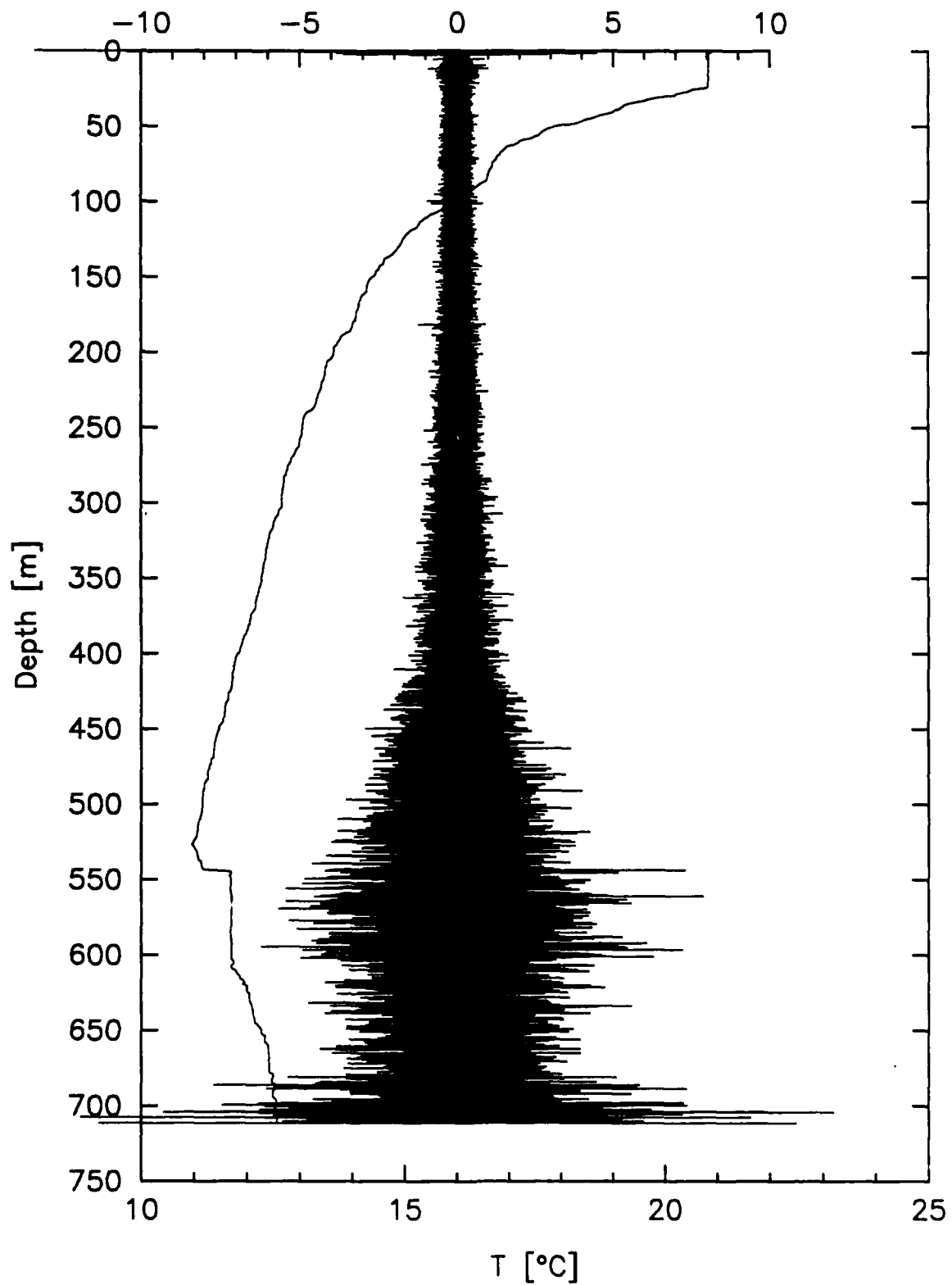
Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
204.4	14.2	0.55E-04	0.60E-04	333.9	12.3	0.26E-03	0.31E-03
206.3	14.2	0.48E-04	0.53E-04	335.8	12.3	0.21E-03	0.25E-03
208.1	14.1	0.58E-04	0.66E-04	337.6	12.3	0.12E-03	0.14E-03
210.0	14.0	0.64E-04	0.71E-04	339.5	12.3	0.63E-04	0.71E-04
211.8	14.0	0.71E-04	0.80E-04	341.3	12.3	0.73E-04	0.82E-04
213.7	14.0	0.42E-04	0.46E-04	343.2	12.3	0.92E-04	0.10E-03
215.5	13.9	0.14E-03	0.16E-03	345.0	12.3	0.14E-03	0.16E-03
217.4	13.9	0.74E-04	0.83E-04	346.9	12.3	0.14E-03	0.17E-03
219.2	13.9	0.66E-04	0.74E-04	348.7	12.2	0.81E-04	0.91E-04
221.1	13.9	0.49E-04	0.54E-04	350.6	12.2	0.91E-04	0.10E-03
222.9	13.9	0.66E-04	0.75E-04	352.4	12.2	0.42E-03	0.53E-03
224.8	13.8	0.97E-04	0.11E-03	354.3	12.2	0.11E-03	0.13E-03
226.6	13.8	0.91E-04	0.10E-03	356.1	12.1	0.19E-03	0.22E-03
228.5	13.8	0.51E-04	0.56E-04	358.0	12.1	0.38E-03	0.47E-03
230.3	13.7	0.55E-04	0.61E-04	359.8	12.1	0.15E-03	0.18E-03
232.2	13.7	0.48E-04	0.53E-04	361.7	12.1	0.12E-03	0.14E-03
234.0	13.6	0.44E-04	0.48E-04	363.5	12.1	0.52E-03	0.65E-03
235.9	13.5	0.42E-04	0.46E-04	365.4	12.1	0.33E-03	0.42E-03
237.7	13.5	0.80E-04	0.90E-04	367.2	12.1	0.70E-03	0.92E-03
239.6	13.4	0.99E-04	0.11E-03	369.1	12.1	0.40E-03	0.49E-03
241.4	13.4	0.50E-04	0.55E-04	370.9	12.0	0.19E-02	0.28E-02
243.3	13.4	0.38E-04	0.41E-04	372.8	12.0	0.44E-03	0.55E-03
245.1	13.3	0.63E-04	0.71E-04	374.6	12.0	0.14E-03	0.16E-03
247.0	13.3	0.65E-04	0.73E-04	376.5	12.0	0.57E-03	0.75E-03
248.8	13.3	0.81E-04	0.91E-04	378.3	12.0	0.90E-03	0.12E-02
250.7	13.3	0.93E-04	0.10E-03	380.2	12.0	0.56E-03	0.73E-03
252.5	13.2	0.73E-04	0.82E-04	382.0	12.0	0.18E-02	0.27E-02
254.4	13.2	0.61E-04	0.68E-04	383.9	12.0	0.13E-02	0.19E-02
256.2	13.2	0.68E-04	0.76E-04	385.7	12.0	0.19E-02	0.29E-02
258.1	13.2	0.52E-04	0.57E-04	387.6	11.9	0.19E-02	0.29E-02
259.9	13.1	0.34E-03	0.43E-03	389.4	11.9	0.12E-02	0.18E-02
261.8	13.1	0.38E-03	0.47E-03	391.3	11.9	0.20E-02	0.30E-02
263.6	13.1	0.49E-04	0.54E-04	393.1	11.9	0.46E-02	0.75E-02
265.5	13.0	0.58E-04	0.65E-04	395.0	11.9	0.44E-02	0.73E-02
267.3	13.0	0.34E-04	0.38E-04	396.8	11.9	0.29E-02	0.48E-02
269.2	13.0	0.11E-03	0.12E-03	398.7	11.9	0.25E-02	0.37E-02
271.0	12.9	0.58E-04	0.65E-04	400.5	11.8	0.24E-02	0.36E-02
272.9	12.9	0.53E-04	0.59E-04	402.4	11.8	0.35E-02	0.58E-02
274.7	12.9	0.78E-04	0.87E-04	404.2	11.8	0.26E-02	0.39E-02
276.6	12.8	0.52E-04	0.57E-04	406.1	11.8	0.31E-02	0.51E-02
278.4	12.8	0.51E-04	0.56E-04	407.9	11.8	0.31E-02	0.51E-02
280.3	12.8	0.57E-04	0.64E-04	409.8	11.8	0.41E-02	0.67E-02
282.1	12.8	0.16E-03	0.18E-03	411.6	11.8	0.48E-02	0.87E-02
284.0	12.8	0.11E-03	0.13E-03	413.5	11.8	0.45E-02	0.73E-02
285.8	12.7	0.87E-04	0.97E-04	415.3	11.8	0.60E-02	0.11E-01
287.7	12.7	0.16E-03	0.18E-03	417.2	11.8	0.52E-02	0.94E-02
289.5	12.7	0.75E-04	0.84E-04	419.0	11.7	0.54E-02	0.98E-02
291.4	12.7	0.94E-04	0.11E-03	420.9	11.7	0.33E-02	0.54E-02
293.2	12.6	0.42E-04	0.46E-04	422.7	11.7	0.64E-02	0.12E-01
295.1	12.6	0.88E-04	0.98E-04	424.6	11.7	0.11E-01	0.19E-01
296.9	12.6	0.91E-04	0.10E-03	426.4	11.7	0.74E-02	0.13E-01
298.8	12.6	0.75E-04	0.85E-04	428.3	11.7	0.59E-02	0.11E-01
300.6	12.6	0.72E-04	0.81E-04	430.1	11.7	0.63E-02	0.11E-01
302.5	12.6	0.13E-03	0.15E-03	432.0	11.7	0.58E-02	0.10E-01
304.3	12.6	0.12E-03	0.14E-03	433.8	11.6	0.42E-02	0.69E-02
306.2	12.5	0.48E-04	0.53E-04	435.7	11.6	0.65E-02	0.12E-01
308.0	12.5	0.72E-04	0.81E-04	437.5	11.6	0.82E-02	0.15E-01
309.9	12.5	0.12E-03	0.14E-03	439.4	11.6	0.79E-02	0.14E-01
311.7	12.5	0.53E-04	0.59E-04	441.2	11.6	0.67E-02	0.12E-01
313.6	12.5	0.11E-03	0.12E-03	443.1	11.6	0.92E-02	0.17E-01
315.4	12.5	0.15E-03	0.18E-03	444.9	11.6	0.82E-02	0.15E-01
317.3	12.4	0.37E-03	0.47E-03	446.8	11.6	0.55E-02	0.10E-01
319.1	12.4	0.98E-04	0.11E-03	448.6	11.6	0.77E-02	0.14E-01
321.0	12.4	0.91E-04	0.10E-03	450.5	11.6	0.80E-02	0.15E-01
322.8	12.4	0.32E-03	0.40E-03	452.3	11.6	0.12E-01	0.22E-01
324.7	12.4	0.92E-04	0.10E-03	454.2	11.6	0.70E-02	0.13E-01
326.5	12.4	0.94E-04	0.11E-03	456.0	11.5	0.88E-02	0.16E-01
328.4	12.4	0.10E-03	0.12E-03	457.9	11.5	0.71E-02	0.13E-01
330.2	12.4	0.25E-03	0.30E-03	459.7	11.5	0.89E-02	0.16E-01
332.1	12.4	0.16E-03	0.18E-03	461.6	11.5	0.10E-01	0.18E-01

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
463.4	11.5	0.99E-02	0.18E-01	592.9	12.4	0.47E-02	0.86E-02
465.3	11.5	0.86E-02	0.16E-01	594.8	12.6	0.81E-02	0.15E-01
467.1	11.6	0.68E-02	0.12E-01	596.6	12.6	0.51E-02	0.93E-02
469.0	11.7	0.80E-02	0.14E-01	598.5	12.7	0.59E-02	0.11E-01
470.8	11.8	0.72E-02	0.13E-01	600.3	12.7	0.15E-01	0.27E-01
472.7	11.8	0.90E-02	0.16E-01				
474.5	11.8	0.68E-02	0.12E-01				
476.4	11.8	0.87E-02	0.16E-01				
478.2	11.8	0.94E-02	0.17E-01				
480.1	11.8	0.88E-02	0.16E-01				
481.9	11.7	0.12E-01	0.21E-01				
483.8	11.8	0.93E-02	0.17E-01				
485.6	11.8	0.12E-01	0.22E-01				
487.5	11.8	0.14E-01	0.25E-01				
489.3	11.7	0.11E-01	0.20E-01				
491.2	11.7	0.13E-01	0.23E-01				
493.0	11.7	0.76E-02	0.14E-01				
494.9	11.7	0.71E-02	0.13E-01				
496.7	11.7	0.12E-01	0.21E-01				
498.6	11.7	0.84E-02	0.15E-01				
500.4	11.7	0.62E-02	0.11E-01				
502.3	11.7	0.12E-01	0.21E-01				
504.1	11.7	0.12E-01	0.21E-01				
506.0	11.7	0.11E-01	0.20E-01				
507.8	11.7	0.82E-02	0.15E-01				
509.7	11.7	0.14E-01	0.25E-01				
511.5	11.7	0.11E-01	0.20E-01				
513.4	11.6	0.21E-01	0.37E-01				
515.2	11.6	0.18E-01	0.32E-01				
517.1	11.7	0.12E-01	0.22E-01				
518.9	11.7	0.12E-01	0.22E-01				
520.8	11.7	0.13E-01	0.24E-01				
522.6	11.7	0.12E-01	0.21E-01				
524.5	11.7	0.13E-01	0.23E-01				
526.3	11.7	0.11E-01	0.19E-01				
528.2	11.7	0.10E-01	0.19E-01				
530.0	11.7	0.13E-01	0.24E-01				
531.9	11.8	0.89E-02	0.16E-01				
533.7	11.8	0.67E-02	0.12E-01				
535.6	11.8	0.86E-02	0.16E-01				
537.4	11.8	0.82E-02	0.15E-01				
539.3	11.8	0.77E-02	0.14E-01				
541.1	11.8	0.12E-01	0.22E-01				
543.0	11.8	0.11E-01	0.21E-01				
544.8	11.8	0.91E-02	0.16E-01				
546.7	11.9	0.75E-02	0.14E-01				
548.5	11.9	0.58E-02	0.11E-01				
550.4	11.9	0.54E-02	0.98E-02				
552.2	11.9	0.95E-02	0.17E-01				
554.1	11.9	0.77E-02	0.14E-01				
555.9	11.9	0.48E-02	0.87E-02				
557.8	11.9	0.53E-02	0.96E-02				
559.6	12.0	0.63E-02	0.11E-01				
561.5	12.0	0.84E-02	0.15E-01				
563.3	12.0	0.57E-02	0.10E-01				
565.2	12.0	0.46E-02	0.84E-02				
567.0	12.0	0.42E-02	0.68E-02				
568.9	12.0	0.44E-02	0.72E-02				
570.7	12.0	0.50E-02	0.91E-02				
572.6	12.1	0.27E-02	0.41E-02				
574.4	12.1	0.45E-02	0.73E-02				
576.3	12.1	0.48E-02	0.86E-02				
578.1	12.1	0.46E-02	0.84E-02				
580.0	12.1	0.35E-02	0.57E-02				
581.8	12.1	0.53E-02	0.97E-02				
583.7	12.1	0.55E-02	0.10E-01				
585.5	12.1	0.57E-02	0.10E-01				
587.4	12.2	0.78E-02	0.14E-01				
589.2	12.3	0.70E-02	0.13E-01				
591.1	12.3	0.50E-02	0.91E-02				

Bottom Salinity = 36.643

mo 0828

$\partial u / \partial z$ [sec⁻¹]



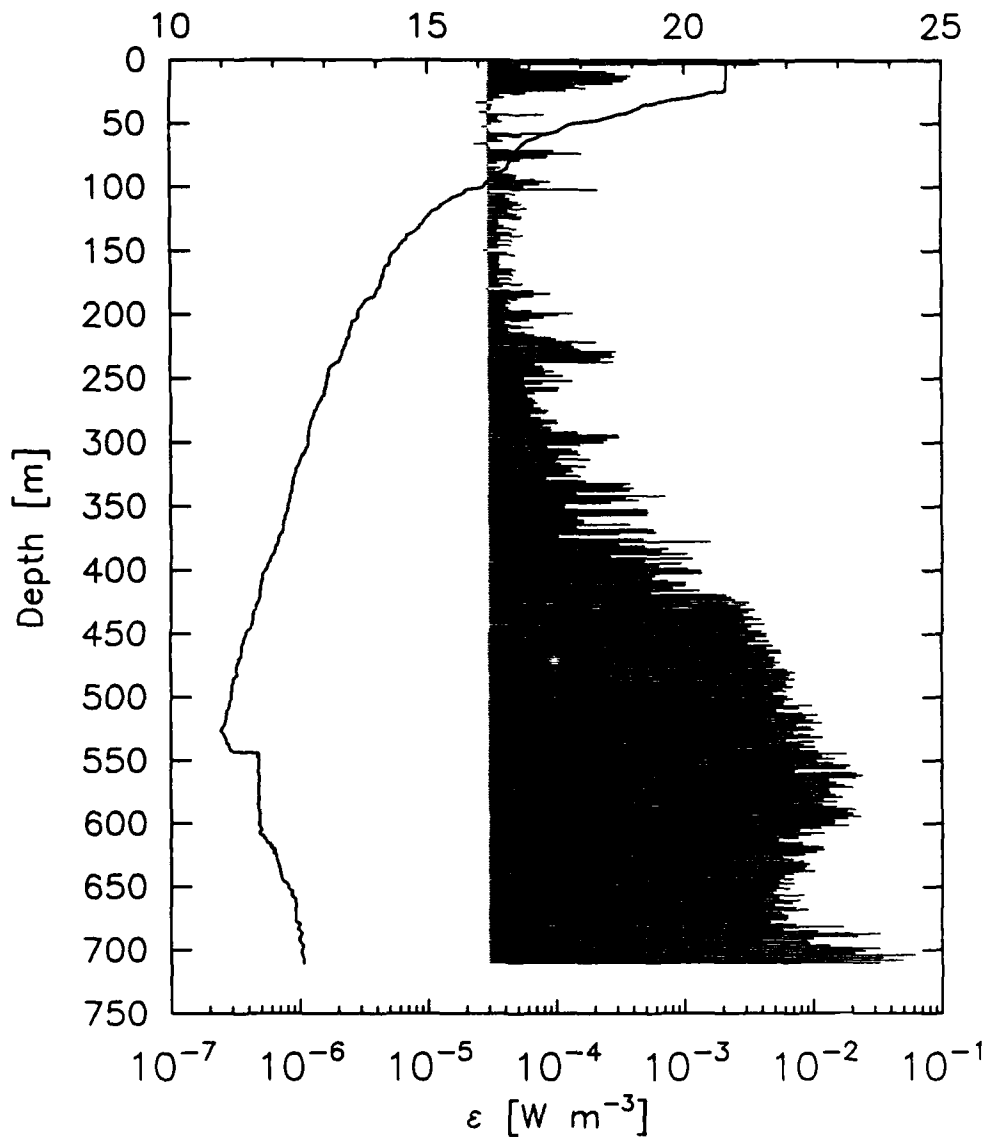
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shear lowpass: 200.

temp lowpass: 3.

mo 0828.diss

T [°C]



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24 SEP 1988 06:34 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

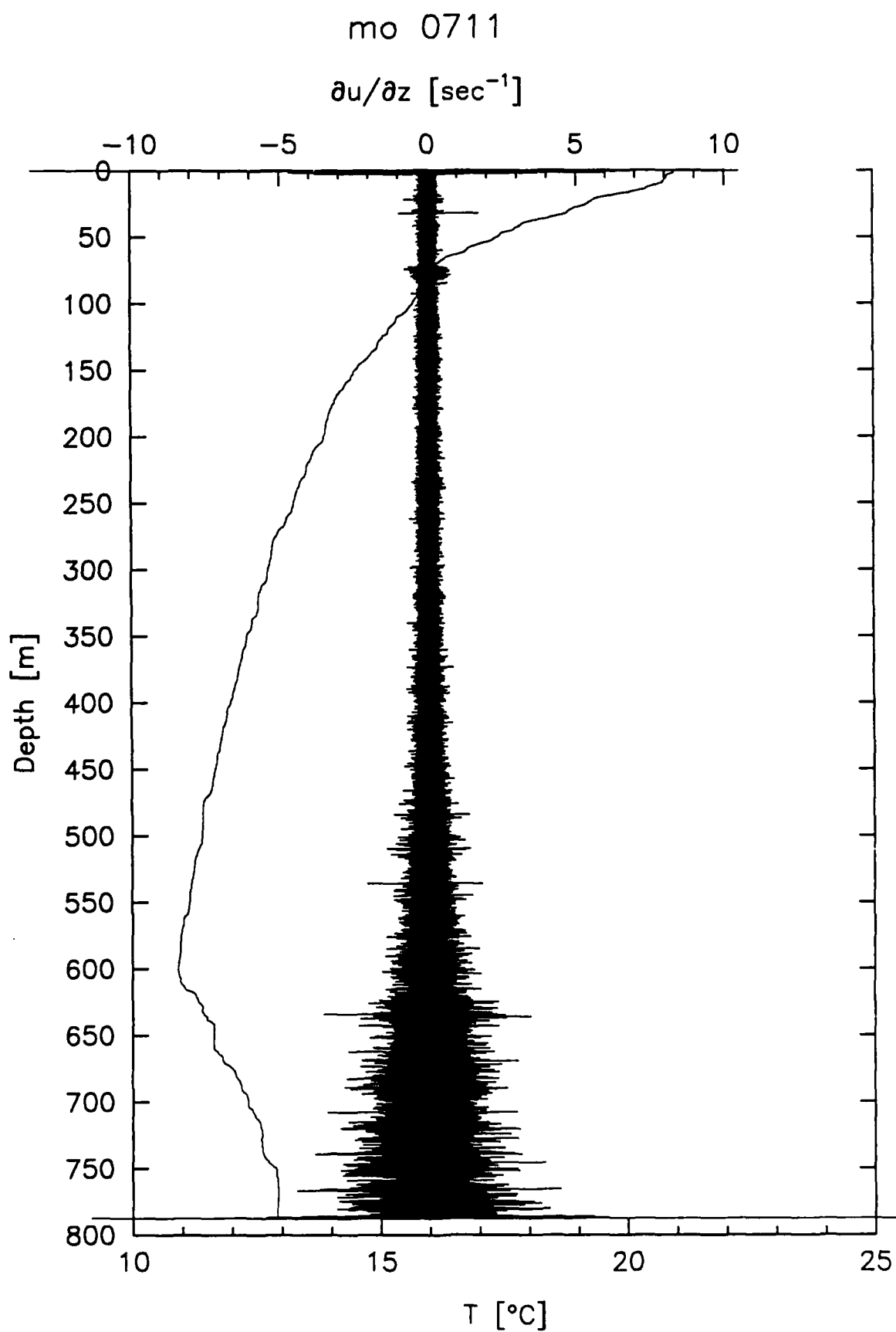
828 XDP
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 1024 Sampling Rate
 0.1432 S P Sensitivity
 low Gain
 441 Temp Freq
 1 Deck Receiver
 SBL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 1.90 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.0	20.9	0.57E-01	0.10E+00	105.5	15.7	0.49E-04	0.54E-04
2.8	20.8	0.39E-02	0.64E-02	107.3	15.6	0.41E-04	0.45E-04
4.8	20.8	0.54E-04	0.59E-04	109.3	15.5	0.44E-04	0.49E-04
6.7	20.8	0.63E-04	0.71E-04	111.1	15.4	0.51E-04	0.56E-04
8.6	20.8	0.25E-03	0.29E-03	113.1	15.3	0.54E-04	0.60E-04
10.4	20.8	0.29E-03	0.35E-03	115.0	15.3	0.46E-04	0.51E-04
12.4	20.8	0.38E-03	0.48E-03	116.8	15.2	0.60E-04	0.67E-04
14.3	20.8	0.36E-03	0.45E-03	118.8	15.1	0.43E-04	0.47E-04
16.1	20.8	0.34E-03	0.42E-03	120.6	15.1	0.50E-04	0.55E-04
18.1	20.8	0.28E-03	0.34E-03	122.6	15.0	0.54E-04	0.60E-04
20.0	20.8	0.14E-03	0.16E-03	124.5	15.0	0.55E-04	0.61E-04
21.8	20.8	0.17E-03	0.20E-03	126.3	14.9	0.36E-04	0.40E-04
23.8	20.8	0.12E-03	0.14E-03	128.3	14.9	0.37E-04	0.41E-04
25.6	20.5	0.59E-04	0.66E-04	130.1	14.9	0.40E-04	0.44E-04
27.6	20.3	0.37E-04	0.40E-04	132.1	14.8	0.50E-04	0.55E-04
29.5	20.1	0.40E-04	0.44E-04	134.0	14.8	0.35E-04	0.39E-04
31.3	19.8	0.33E-04	0.36E-04	135.9	14.7	0.46E-04	0.51E-04
33.3	19.5	0.25E-04	0.26E-04	137.8	14.6	0.56E-04	0.63E-04
35.2	19.3	0.33E-04	0.36E-04	139.6	14.6	0.37E-04	0.41E-04
37.0	19.2	0.32E-04	0.35E-04	141.6	14.6	0.46E-04	0.51E-04
39.0	19.1	0.32E-04	0.35E-04	143.5	14.5	0.35E-04	0.39E-04
40.8	19.0	0.26E-04	0.28E-04	145.4	14.5	0.45E-04	0.49E-04
42.8	18.8	0.82E-04	0.92E-04	147.3	14.4	0.36E-04	0.40E-04
44.6	18.6	0.36E-04	0.39E-04	149.1	14.4	0.28E-04	0.30E-04
46.5	18.4	0.36E-04	0.39E-04	151.1	14.3	0.42E-04	0.46E-04
48.5	18.2	0.39E-04	0.43E-04	153.0	14.3	0.48E-04	0.53E-04
50.3	17.8	0.32E-04	0.35E-04	154.9	14.3	0.37E-04	0.41E-04
52.3	17.7	0.27E-04	0.29E-04	156.8	14.3	0.37E-04	0.40E-04
54.1	17.6	0.31E-04	0.33E-04	158.6	14.3	0.36E-04	0.40E-04
56.0	17.5	0.31E-04	0.33E-04	160.6	14.2	0.37E-04	0.40E-04
58.0	17.4	0.91E-04	0.10E-03	162.5	14.2	0.36E-04	0.40E-04
59.8	17.2	0.55E-04	0.60E-04	164.4	14.1	0.48E-04	0.53E-04
61.8	17.1	0.36E-04	0.39E-04	166.3	14.1	0.44E-04	0.49E-04
63.6	17.0	0.40E-04	0.43E-04	168.1	14.1	0.46E-04	0.51E-04
65.6	16.9	0.24E-04	0.26E-04	170.1	14.1	0.35E-04	0.38E-04
67.4	16.8	0.31E-04	0.33E-04	172.0	14.1	0.45E-04	0.50E-04
69.3	16.8	0.32E-04	0.35E-04	173.8	14.1	0.36E-04	0.39E-04
71.3	16.8	0.98E-04	0.11E-03	175.8	14.1	0.55E-04	0.60E-04
73.2	16.7	0.16E-03	0.18E-03	177.6	14.1	0.38E-04	0.42E-04
75.1	16.7	0.88E-04	0.99E-04	179.6	14.0	0.29E-04	0.31E-04
76.9	16.7	0.85E-04	0.95E-04	181.5	14.0	0.67E-04	0.75E-04
78.8	16.6	0.53E-04	0.58E-04	183.3	14.0	0.91E-04	0.10E-03
80.8	16.6	0.36E-04	0.39E-04	185.3	14.0	0.67E-04	0.75E-04
82.7	16.6	0.30E-04	0.33E-04	187.1	13.9	0.50E-04	0.55E-04
84.6	16.6	0.38E-04	0.41E-04	189.1	13.8	0.42E-04	0.47E-04
86.5	16.5	0.34E-04	0.38E-04	191.0	13.8	0.44E-04	0.49E-04
88.3	16.4	0.39E-04	0.43E-04	192.8	13.7	0.41E-04	0.45E-04
90.3	16.4	0.50E-04	0.55E-04	194.8	13.7	0.43E-04	0.47E-04
92.1	16.3	0.49E-04	0.54E-04	196.6	13.7	0.65E-04	0.73E-04
94.1	16.2	0.70E-04	0.79E-04	198.6	13.6	0.13E-03	0.15E-03
96.0	16.2	0.92E-04	0.10E-03	200.5	13.6	0.10E-03	0.12E-03
97.8	16.1	0.75E-04	0.84E-04	202.3	13.6	0.81E-04	0.91E-04
99.8	16.1	0.57E-04	0.64E-04	204.3	13.6	0.61E-04	0.69E-04
101.6	15.9	0.21E-03	0.25E-03	206.1	13.5	0.40E-04	0.44E-04
103.6	15.7	0.31E-04	0.34E-04	208.1	13.5	0.52E-04	0.58E-04

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
210.0	13.5	0.67E-04	0.75E-04	342.9	12.3	0.34E-03	0.43E-03
211.8	13.5	0.43E-04	0.47E-04	344.8	12.3	0.44E-03	0.55E-03
213.8	13.5	0.57E-04	0.64E-04	346.8	12.3	0.27E-03	0.32E-03
215.6	13.5	0.67E-04	0.76E-04	348.6	12.3	0.12E-03	0.14E-03
217.6	13.5	0.91E-04	0.10E-03	350.6	12.3	0.12E-03	0.13E-03
219.5	13.4	0.10E-03	0.11E-03	352.4	12.3	0.51E-03	0.64E-03
221.3	13.4	0.20E-03	0.24E-03	354.3	12.3	0.52E-03	0.65E-03
223.3	13.4	0.13E-03	0.15E-03	356.3	12.2	0.51E-03	0.64E-03
225.1	13.4	0.14E-03	0.16E-03	358.1	12.2	0.15E-03	0.17E-03
227.1	13.4	0.16E-03	0.18E-03	360.1	12.2	0.16E-03	0.19E-03
229.0	13.3	0.29E-03	0.35E-03	361.9	12.2	0.16E-03	0.19E-03
230.8	13.3	0.27E-03	0.33E-03	363.8	12.2	0.38E-03	0.47E-03
232.8	13.3	0.28E-03	0.34E-03	365.8	12.2	0.14E-03	0.17E-03
234.6	13.3	0.22E-03	0.27E-03	367.6	12.2	0.57E-03	0.75E-03
236.6	13.3	0.28E-03	0.34E-03	369.6	12.2	0.60E-03	0.78E-03
238.5	13.2	0.68E-04	0.77E-04	371.4	12.1	0.30E-03	0.36E-03
240.3	13.1	0.79E-04	0.89E-04	373.3	12.1	0.10E-03	0.12E-03
242.3	13.1	0.81E-04	0.91E-04	375.3	12.1	0.47E-03	0.59E-03
244.1	13.1	0.97E-04	0.11E-03	377.1	12.1	0.16E-02	0.22E-02
246.1	13.1	0.82E-04	0.93E-04	379.1	12.1	0.31E-03	0.37E-03
248.0	13.1	0.11E-03	0.13E-03	380.9	12.0	0.49E-03	0.61E-03
249.8	13.1	0.57E-04	0.64E-04	382.8	12.0	0.74E-03	0.97E-03
251.8	13.0	0.14E-03	0.16E-03	384.8	12.0	0.65E-03	0.86E-03
253.6	13.0	0.78E-04	0.88E-04	386.6	12.0	0.10E-02	0.15E-02
255.6	13.0	0.57E-04	0.64E-04	388.6	11.9	0.26E-03	0.31E-03
257.4	13.0	0.11E-03	0.12E-03	390.4	11.9	0.11E-02	0.16E-02
259.3	13.0	0.10E-03	0.12E-03	392.3	11.9	0.49E-03	0.61E-03
261.3	13.0	0.67E-04	0.76E-04	394.3	11.9	0.95E-03	0.12E-02
263.1	13.0	0.59E-04	0.67E-04	396.1	11.9	0.63E-03	0.83E-03
265.1	12.9	0.65E-04	0.73E-04	398.1	11.9	0.11E-02	0.15E-02
266.9	12.9	0.67E-04	0.76E-04	399.9	11.8	0.13E-02	0.19E-02
268.8	12.9	0.70E-04	0.79E-04	401.8	11.8	0.14E-02	0.19E-02
270.8	12.8	0.66E-04	0.74E-04	403.8	11.8	0.59E-03	0.78E-03
272.6	12.8	0.75E-04	0.84E-04	405.6	11.8	0.55E-03	0.73E-03
274.6	12.8	0.86E-04	0.96E-04	407.6	11.8	0.74E-03	0.97E-03
276.4	12.8	0.82E-04	0.92E-04	409.4	11.8	0.10E-02	0.14E-02
278.3	12.8	0.63E-04	0.71E-04	411.3	11.7	0.10E-02	0.14E-02
280.3	12.8	0.75E-04	0.85E-04	413.3	11.7	0.80E-03	0.11E-02
282.1	12.7	0.10E-03	0.11E-03	415.1	11.7	0.13E-02	0.18E-02
284.1	12.7	0.10E-03	0.12E-03	417.1	11.7	0.54E-03	0.68E-03
285.9	12.7	0.79E-04	0.89E-04	418.9	11.7	0.21E-02	0.32E-02
287.8	12.7	0.91E-04	0.10E-03	420.8	11.7	0.23E-02	0.35E-02
289.8	12.7	0.92E-04	0.10E-03	422.8	11.7	0.25E-02	0.37E-02
291.6	12.7	0.15E-03	0.17E-03	424.6	11.7	0.32E-02	0.52E-02
293.6	12.7	0.30E-03	0.36E-03	426.6	11.7	0.30E-02	0.49E-02
295.4	12.7	0.31E-03	0.37E-03	428.4	11.6	0.27E-02	0.41E-02
297.3	12.7	0.25E-03	0.30E-03	430.3	11.6	0.35E-02	0.57E-02
299.3	12.7	0.23E-03	0.28E-03	432.3	11.6	0.31E-02	0.52E-02
301.1	12.7	0.15E-03	0.18E-03	434.1	11.6	0.29E-02	0.47E-02
303.1	12.7	0.85E-04	0.95E-04	436.1	11.6	0.33E-02	0.55E-02
304.9	12.6	0.13E-03	0.15E-03	437.9	11.6	0.39E-02	0.64E-02
306.8	12.6	0.15E-03	0.17E-03	439.8	11.6	0.29E-02	0.48E-02
308.8	12.6	0.15E-03	0.18E-03	441.8	11.6	0.41E-02	0.68E-02
310.6	12.5	0.10E-03	0.12E-03	443.6	11.6	0.33E-02	0.54E-02
312.6	12.5	0.18E-03	0.22E-03	445.6	11.5	0.31E-02	0.50E-02
314.4	12.5	0.99E-04	0.11E-03	447.4	11.5	0.40E-02	0.65E-02
316.3	12.5	0.11E-03	0.13E-03	449.3	11.5	0.44E-02	0.71E-02
318.3	12.5	0.17E-03	0.20E-03	451.3	11.5	0.44E-02	0.72E-02
320.1	12.4	0.13E-03	0.15E-03	453.1	11.4	0.36E-02	0.59E-02
322.1	12.4	0.13E-03	0.16E-03	455.1	11.4	0.46E-02	0.83E-02
323.9	12.4	0.12E-03	0.14E-03	456.9	11.4	0.31E-02	0.52E-02
325.8	12.4	0.15E-03	0.18E-03	458.8	11.4	0.49E-02	0.89E-02
327.8	12.4	0.83E-04	0.93E-04	460.8	11.4	0.44E-02	0.72E-02
329.6	12.4	0.17E-03	0.20E-03	462.6	11.4	0.56E-02	0.10E-01
331.6	12.4	0.38E-03	0.47E-03	464.6	11.4	0.57E-02	0.10E-01
333.4	12.4	0.33E-03	0.41E-03	466.4	11.4	0.46E-02	0.83E-02
335.3	12.4	0.40E-03	0.50E-03	468.3	11.4	0.51E-02	0.92E-02
337.3	12.3	0.37E-03	0.47E-03	470.3	11.3	0.50E-02	0.91E-02
339.1	12.3	0.14E-03	0.16E-03	472.1	11.3	0.55E-02	0.10E-01
341.1	12.3	0.71E-03	0.93E-03	474.1	11.3	0.51E-02	0.93E-02

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
475.9	11.3	0.49E-02	0.89E-02	608.9	11.7	0.94E-02	0.17E-01
477.8	11.3	0.63E-02	0.11E-01	610.9	11.8	0.75E-02	0.14E-01
479.8	11.3	0.72E-02	0.13E-01	612.8	11.8	0.54E-02	0.98E-02
481.6	11.3	0.65E-02	0.12E-01	614.7	11.9	0.83E-02	0.15E-01
483.6	11.3	0.64E-02	0.12E-01	616.5	11.9	0.82E-02	0.15E-01
485.4	11.2	0.72E-02	0.13E-01	618.4	11.9	0.12E-01	0.22E-01
487.3	11.2	0.61E-02	0.11E-01	620.4	12.0	0.12E-01	0.22E-01
489.3	11.2	0.62E-02	0.11E-01	622.3	12.0	0.11E-01	0.19E-01
491.1	11.2	0.70E-02	0.13E-01	624.2	12.0	0.86E-02	0.16E-01
493.1	11.2	0.57E-02	0.10E-01	626.0	12.0	0.58E-02	0.10E-01
494.9	11.2	0.61E-02	0.11E-01	627.9	12.1	0.70E-02	0.13E-01
496.8	11.2	0.48E-02	0.88E-02	629.9	12.1	0.84E-02	0.15E-01
498.8	11.2	0.63E-02	0.11E-01	631.8	12.1	0.93E-02	0.17E-01
500.6	11.2	0.68E-02	0.12E-01	633.7	12.1	0.88E-02	0.16E-01
502.6	11.2	0.60E-02	0.11E-01	635.5	12.1	0.85E-02	0.15E-01
504.4	11.1	0.59E-02	0.11E-01	637.4	12.1	0.10E-01	0.19E-01
506.3	11.1	0.98E-02	0.18E-01	639.4	12.1	0.70E-02	0.13E-01
508.3	11.1	0.77E-02	0.14E-01	641.3	12.1	0.59E-02	0.11E-01
510.1	11.1	0.52E-02	0.95E-02	643.2	12.1	0.70E-02	0.13E-01
512.0	11.1	0.83E-02	0.15E-01	645.0	12.2	0.54E-02	0.98E-02
513.9	11.1	0.11E-01	0.20E-01	646.9	12.2	0.71E-02	0.13E-01
515.9	11.1	0.88E-02	0.16E-01	648.9	12.3	0.54E-02	0.98E-02
517.8	11.1	0.10E-01	0.18E-01	650.8	12.3	0.66E-02	0.12E-01
519.7	11.1	0.12E-01	0.21E-01	652.7	12.3	0.51E-02	0.93E-02
521.5	11.0	0.74E-02	0.13E-01	654.5	12.3	0.48E-02	0.88E-02
523.4	11.0	0.96E-02	0.17E-01	656.4	12.3	0.85E-02	0.15E-01
525.4	11.0	0.10E-01	0.18E-01	658.4	12.4	0.53E-02	0.97E-02
527.3	11.0	0.70E-02	0.13E-01	660.3	12.4	0.79E-02	0.14E-01
529.2	11.0	0.94E-02	0.17E-01	662.2	12.4	0.68E-02	0.12E-01
531.0	11.0	0.12E-01	0.22E-01	664.0	12.4	0.50E-02	0.90E-02
532.9	11.1	0.61E-02	0.11E-01	665.9	12.4	0.73E-02	0.13E-01
534.9	11.1	0.10E-01	0.18E-01	667.9	12.4	0.92E-02	0.17E-01
536.8	11.1	0.84E-02	0.15E-01	669.8	12.4	0.57E-02	0.10E-01
538.7	11.1	0.10E-01	0.19E-01	671.7	12.4	0.64E-02	0.12E-01
540.5	11.1	0.79E-02	0.14E-01	673.5	12.4	0.64E-02	0.12E-01
542.4	11.2	0.11E-01	0.20E-01	675.4	12.4	0.62E-02	0.11E-01
544.4	11.6	0.18E-01	0.33E-01	677.4	12.4	0.47E-02	0.85E-02
546.3	11.7	0.12E-01	0.21E-01	679.3	12.5	0.73E-02	0.13E-01
548.2	11.7	0.15E-01	0.27E-01	681.2	12.5	0.17E-01	0.31E-01
550.0	11.7	0.11E-01	0.19E-01	683.0	12.5	0.58E-02	0.11E-01
551.9	11.7	0.14E-01	0.26E-01	684.9	12.5	0.11E-01	0.20E-01
553.9	11.7	0.19E-01	0.35E-01	686.9	12.5	0.33E-01	0.60E-01
555.8	11.7	0.18E-01	0.32E-01	688.8	12.5	0.22E-01	0.40E-01
557.7	11.7	0.73E-02	0.13E-01	690.7	12.5	0.10E-01	0.18E-01
559.5	11.7	0.22E-01	0.39E-01	692.5	12.5	0.91E-02	0.16E-01
561.4	11.7	0.24E-01	0.44E-01	694.4	12.5	0.93E-02	0.17E-01
563.4	11.7	0.21E-01	0.39E-01	696.4	12.6	0.14E-01	0.25E-01
565.3	11.7	0.13E-01	0.24E-01	698.3	12.6	0.33E-01	0.60E-01
567.2	11.7	0.15E-01	0.27E-01	700.2	12.5	0.25E-01	0.46E-01
569.0	11.7	0.17E-01	0.32E-01	702.0	12.5	0.21E-01	0.38E-01
570.9	11.7	0.20E-01	0.37E-01	703.9	12.6	0.61E-01	0.11E+00
572.9	11.7	0.13E-01	0.24E-01	705.9	12.6	0.35E-01	0.64E-01
574.8	11.7	0.14E-01	0.25E-01	707.8	12.6	0.50E-01	0.91E-01
576.7	11.7	0.15E-01	0.27E-01	709.7	12.6	0.33E-01	0.60E-01
578.5	11.7	0.17E-01	0.31E-01				
580.4	11.7	0.12E-01	0.22E-01				
582.4	11.7	0.15E-01	0.28E-01				
584.3	11.7	0.12E-01	0.21E-01				
586.2	11.7	0.15E-01	0.28E-01				
588.0	11.7	0.21E-01	0.38E-01				
589.9	11.7	0.18E-01	0.33E-01				
591.9	11.7	0.20E-01	0.37E-01				
593.8	11.7	0.23E-01	0.42E-01				
595.7	11.7	0.18E-01	0.34E-01				
597.5	11.7	0.15E-01	0.26E-01				
599.4	11.7	0.14E-01	0.26E-01				
601.4	11.7	0.19E-01	0.34E-01				
603.3	11.7	0.11E-01	0.21E-01				
605.2	11.7	0.77E-02	0.14E-01				
607.0	11.7	0.12E-01	0.22E-01				

Bottom Salinity = 36.974



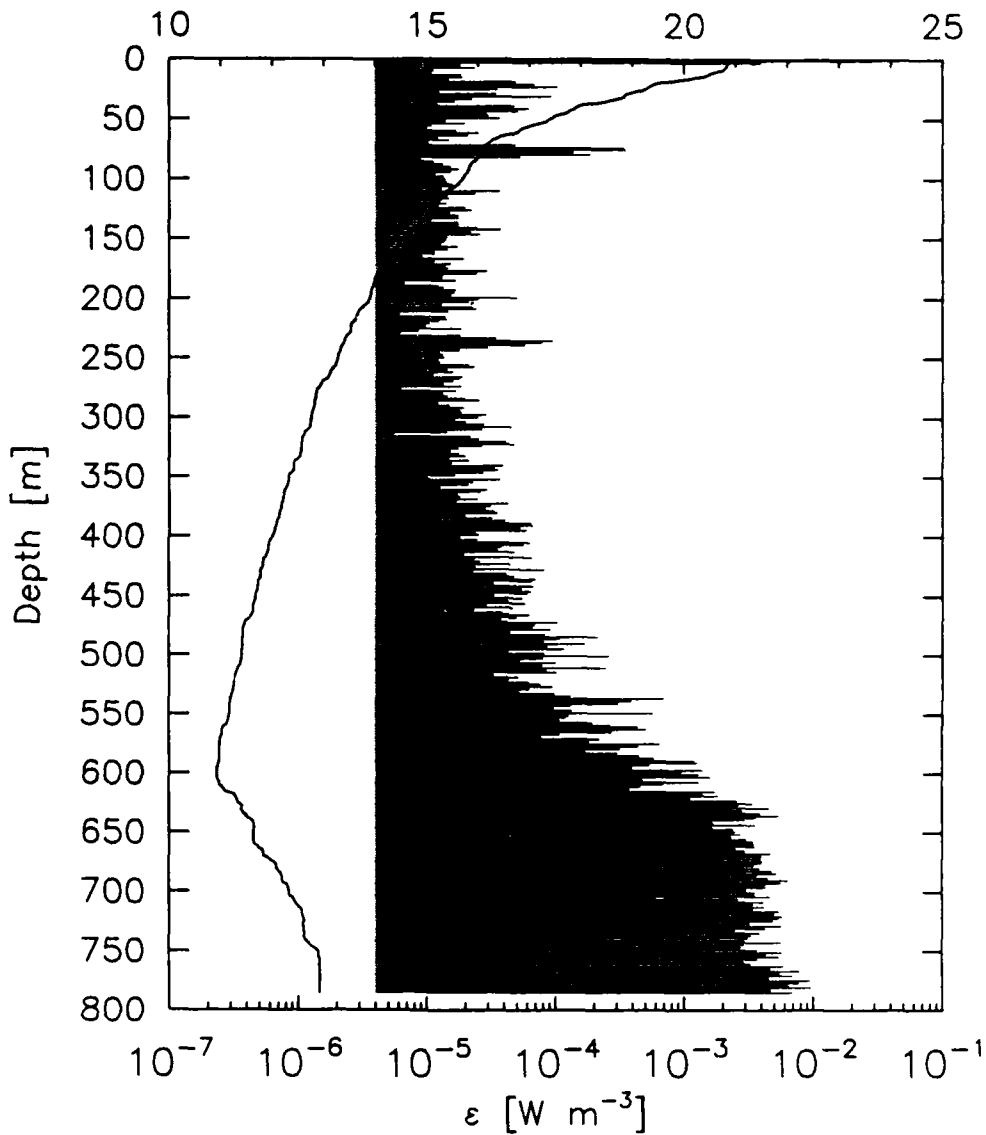
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shear lowpass: 200.

temp lowpass: 3.

mo 0711.diss

T [°C]



35 54.53 6 48.69 Lat/Lon
24 SEP 1988 07:49 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

711 XDP
 6 Site Number
 19882680749 24 SEP 1988 07:49 GMT
 19890502131 20 FEB 1989 21:31 GMT Digitized
 35 54.53 6 48.69 Lat/Lon
 788 Depth (m)
 1024 Sampling Rate
 0.1749 S P Sensitivity
 low Gain
 444 Temp Freq
 1 Deck Receiver
 SBL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.02 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.0	21.0	0.33E-01	0.59E-01	112.1	15.4	0.24E-04	0.26E-04
3.0	20.9	0.39E-02	0.64E-02	114.1	15.4	0.14E-04	0.14E-04
5.1	20.8	0.18E-04	0.20E-04	116.2	15.3	0.15E-04	0.16E-04
7.1	20.8	0.24E-04	0.26E-04	118.2	15.2	0.12E-04	0.13E-04
9.1	20.7	0.11E-04	0.12E-04	120.2	15.2	0.14E-04	0.15E-04
11.1	20.6	0.11E-04	0.12E-04	122.2	15.2	0.11E-04	0.12E-04
13.1	20.5	0.18E-04	0.20E-04	124.2	15.1	0.20E-04	0.21E-04
15.2	20.2	0.19E-04	0.20E-04	126.3	15.1	0.22E-04	0.24E-04
17.2	19.9	0.15E-04	0.16E-04	128.3	15.0	0.15E-04	0.16E-04
19.2	19.6	0.49E-04	0.54E-04	130.3	15.0	0.17E-04	0.19E-04
21.2	19.4	0.68E-04	0.77E-04	132.3	15.0	0.18E-04	0.19E-04
23.2	19.3	0.10E-03	0.12E-03	134.3	15.0	0.11E-04	0.12E-04
25.3	19.2	0.36E-04	0.39E-04	136.4	14.9	0.18E-04	0.19E-04
27.3	19.0	0.12E-04	0.13E-04	138.4	14.8	0.18E-04	0.19E-04
29.3	18.9	0.34E-04	0.38E-04	140.4	14.8	0.25E-04	0.26E-04
31.3	18.8	0.92E-04	0.10E-03	142.4	14.7	0.38E-04	0.42E-04
33.3	18.7	0.22E-04	0.24E-04	144.4	14.7	0.22E-04	0.24E-04
35.3	18.5	0.16E-04	0.17E-04	146.5	14.6	0.26E-04	0.28E-04
37.4	18.1	0.12E-04	0.13E-04	148.5	14.6	0.15E-04	0.15E-04
39.4	17.9	0.48E-04	0.53E-04	150.5	14.5	0.14E-04	0.15E-04
41.4	17.9	0.62E-04	0.69E-04	152.5	14.5	0.14E-04	0.15E-04
43.4	17.8	0.50E-04	0.55E-04	154.5	14.5	0.13E-04	0.14E-04
45.4	17.7	0.29E-04	0.32E-04	156.6	14.4	0.17E-04	0.19E-04
47.5	17.5	0.30E-04	0.32E-04	158.6	14.4	0.14E-04	0.15E-04
49.5	17.4	0.37E-04	0.41E-04	160.6	14.3	0.11E-04	0.12E-04
51.5	17.3	0.14E-04	0.15E-04	162.6	14.3	0.12E-04	0.12E-04
53.5	17.2	0.20E-04	0.21E-04	164.6	14.3	0.92E-05	0.97E-05
55.5	17.0	0.11E-04	0.12E-04	166.6	14.2	0.19E-04	0.21E-04
57.6	16.9	0.99E-05	0.11E-04	168.7	14.2	0.11E-04	0.12E-04
59.6	16.8	0.17E-04	0.18E-04	170.7	14.1	0.15E-04	0.16E-04
61.6	16.7	0.25E-04	0.27E-04	172.7	14.1	0.14E-04	0.15E-04
63.6	16.5	0.21E-04	0.22E-04	174.7	14.1	0.14E-04	0.15E-04
65.7	16.4	0.12E-04	0.13E-04	176.8	14.1	0.29E-04	0.31E-04
67.7	16.3	0.15E-04	0.16E-04	178.8	14.0	0.24E-04	0.26E-04
69.7	16.2	0.10E-04	0.11E-04	180.8	14.0	0.13E-04	0.14E-04
71.7	16.2	0.49E-04	0.54E-04	182.8	14.0	0.13E-04	0.14E-04
73.7	16.1	0.34E-03	0.42E-03	184.8	14.0	0.17E-04	0.18E-04
75.8	16.1	0.35E-03	0.44E-03	186.9	14.0	0.67E-05	0.70E-05
77.8	16.0	0.14E-03	0.16E-03	188.9	14.0	0.12E-04	0.13E-04
79.8	16.0	0.19E-03	0.22E-03	190.9	13.9	0.13E-04	0.14E-04
81.8	16.0	0.53E-04	0.58E-04	192.9	13.9	0.17E-04	0.18E-04
83.8	16.0	0.90E-05	0.95E-05	194.9	13.9	0.16E-04	0.17E-04
85.9	15.9	0.11E-04	0.12E-04	197.0	13.9	0.15E-04	0.16E-04
87.9	15.9	0.13E-04	0.14E-04	199.0	13.9	0.49E-04	0.54E-04
89.9	15.8	0.15E-04	0.16E-04	201.0	13.9	0.25E-04	0.26E-04
91.9	15.8	0.18E-04	0.19E-04	203.0	13.9	0.21E-04	0.23E-04
93.9	15.8	0.15E-04	0.16E-04	205.0	13.8	0.13E-04	0.14E-04
95.9	15.8	0.12E-04	0.12E-04	207.1	13.8	0.23E-04	0.24E-04
98.0	15.7	0.13E-04	0.14E-04	209.1	13.7	0.24E-04	0.26E-04
100.0	15.7	0.14E-04	0.15E-04	211.1	13.7	0.15E-04	0.16E-04
102.0	15.6	0.14E-04	0.15E-04	213.1	13.7	0.61E-05	0.65E-05
104.0	15.6	0.16E-04	0.17E-04	215.1	13.6	0.14E-04	0.15E-04
106.1	15.6	0.17E-04	0.18E-04	217.1	13.6	0.14E-04	0.15E-04
108.1	15.5	0.13E-04	0.14E-04	219.2	13.6	0.12E-04	0.13E-04
110.1	15.4	0.37E-04	0.40E-04	221.2	13.5	0.10E-04	0.11E-04

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
223.2	13.5	0.97E-05	0.10E-04	364.6	12.2	0.17E-04	0.19E-04
225.2	13.5	0.18E-04	0.20E-04	366.6	12.2	0.18E-04	0.19E-04
227.3	13.5	0.86E-05	0.91E-05	368.7	12.2	0.25E-04	0.27E-04
229.3	13.5	0.62E-05	0.66E-05	370.7	12.2	0.17E-04	0.18E-04
231.3	13.4	0.18E-04	0.20E-04	372.7	12.2	0.43E-04	0.47E-04
233.3	13.4	0.34E-04	0.38E-04	374.7	12.2	0.31E-04	0.33E-04
235.3	13.4	0.94E-04	0.11E-03	376.7	12.2	0.29E-04	0.31E-04
237.4	13.4	0.78E-04	0.88E-04	378.8	12.1	0.33E-04	0.36E-04
239.4	13.4	0.57E-04	0.65E-04	380.8	12.1	0.35E-04	0.38E-04
241.4	13.3	0.30E-04	0.32E-04	382.8	12.1	0.20E-04	0.21E-04
243.4	13.3	0.18E-04	0.19E-04	384.8	12.1	0.32E-04	0.35E-04
245.4	13.3	0.13E-04	0.13E-04	386.8	12.1	0.40E-04	0.44E-04
247.5	13.3	0.13E-04	0.14E-04	388.9	12.1	0.64E-04	0.71E-04
249.5	13.3	0.14E-04	0.14E-04	390.9	12.1	0.66E-04	0.74E-04
251.5	13.3	0.12E-04	0.13E-04	392.9	12.1	0.53E-04	0.58E-04
253.5	13.2	0.13E-04	0.13E-04	394.9	12.0	0.59E-04	0.66E-04
255.5	13.2	0.21E-04	0.22E-04	396.9	12.0	0.24E-04	0.25E-04
257.5	13.2	0.23E-04	0.25E-04	399.0	12.0	0.25E-04	0.27E-04
259.6	13.2	0.14E-04	0.15E-04	401.0	12.0	0.18E-04	0.19E-04
261.6	13.1	0.16E-04	0.17E-04	403.0	12.0	0.25E-04	0.26E-04
263.6	13.1	0.11E-04	0.12E-04	405.0	11.9	0.63E-04	0.71E-04
265.6	13.1	0.19E-04	0.20E-04	407.0	11.9	0.56E-04	0.63E-04
267.7	13.1	0.18E-04	0.19E-04	409.0	11.9	0.38E-04	0.42E-04
269.7	13.0	0.16E-04	0.17E-04	411.1	11.9	0.35E-04	0.39E-04
271.7	13.0	0.13E-04	0.14E-04	413.1	11.9	0.48E-04	0.53E-04
273.7	12.9	0.18E-04	0.20E-04	415.1	11.9	0.19E-04	0.21E-04
275.7	12.9	0.63E-05	0.66E-05	417.1	11.9	0.65E-04	0.73E-04
277.8	12.9	0.17E-04	0.18E-04	419.2	11.8	0.23E-04	0.25E-04
279.8	12.9	0.13E-04	0.14E-04	421.2	11.8	0.26E-04	0.28E-04
281.8	12.9	0.14E-04	0.15E-04	423.2	11.8	0.44E-04	0.49E-04
283.8	12.8	0.20E-04	0.21E-04	425.2	11.8	0.24E-04	0.25E-04
285.8	12.8	0.25E-04	0.27E-04	427.2	11.8	0.82E-04	0.92E-04
287.9	12.8	0.12E-04	0.13E-04	429.3	11.8	0.23E-04	0.25E-04
289.9	12.8	0.15E-04	0.16E-04	431.3	11.8	0.41E-04	0.45E-04
291.9	12.8	0.19E-04	0.21E-04	433.3	11.8	0.47E-04	0.52E-04
293.9	12.8	0.18E-04	0.19E-04	435.3	11.8	0.69E-04	0.78E-04
295.9	12.8	0.18E-04	0.20E-04	437.3	11.7	0.65E-04	0.73E-04
298.0	12.8	0.29E-04	0.31E-04	439.4	11.7	0.33E-04	0.36E-04
300.0	12.8	0.25E-04	0.27E-04	441.4	11.7	0.67E-04	0.75E-04
302.0	12.8	0.16E-04	0.17E-04	443.4	11.7	0.54E-04	0.60E-04
304.0	12.7	0.20E-04	0.21E-04	445.4	11.7	0.64E-04	0.71E-04
306.0	12.7	0.27E-04	0.30E-04	447.4	11.7	0.59E-04	0.67E-04
308.0	12.7	0.45E-04	0.50E-04	449.5	11.7	0.33E-04	0.36E-04
310.1	12.7	0.27E-04	0.29E-04	451.5	11.7	0.55E-04	0.60E-04
312.1	12.6	0.14E-04	0.15E-04	453.5	11.7	0.42E-04	0.47E-04
314.1	12.6	0.55E-05	0.58E-05	455.5	11.6	0.57E-04	0.64E-04
316.1	12.6	0.22E-04	0.23E-04	457.5	11.6	0.29E-04	0.31E-04
318.2	12.6	0.25E-04	0.27E-04	459.5	11.6	0.46E-04	0.51E-04
320.2	12.6	0.41E-04	0.45E-04	461.6	11.6	0.23E-04	0.25E-04
322.2	12.6	0.47E-04	0.52E-04	463.6	11.6	0.38E-04	0.42E-04
324.2	12.6	0.26E-04	0.28E-04	465.6	11.6	0.62E-04	0.69E-04
326.2	12.6	0.17E-04	0.19E-04	467.6	11.6	0.49E-04	0.54E-04
328.3	12.6	0.15E-04	0.16E-04	469.7	11.5	0.38E-04	0.42E-04
330.3	12.5	0.18E-04	0.19E-04	471.7	11.5	0.10E-03	0.12E-03
332.3	12.5	0.20E-04	0.21E-04	473.7	11.5	0.69E-04	0.77E-04
334.3	12.5	0.15E-04	0.16E-04	475.7	11.4	0.67E-04	0.75E-04
336.3	12.4	0.21E-04	0.23E-04	477.7	11.4	0.92E-04	0.10E-03
338.4	12.4	0.16E-04	0.17E-04	479.8	11.4	0.45E-04	0.49E-04
340.4	12.4	0.39E-04	0.43E-04	481.8	11.4	0.83E-04	0.93E-04
342.4	12.4	0.34E-04	0.37E-04	483.8	11.4	0.21E-03	0.25E-03
344.4	12.4	0.36E-04	0.39E-04	485.8	11.4	0.11E-03	0.12E-03
346.4	12.4	0.28E-04	0.30E-04	487.8	11.4	0.82E-04	0.92E-04
348.5	12.3	0.17E-04	0.18E-04	489.9	11.4	0.17E-03	0.20E-03
350.5	12.3	0.10E-04	0.11E-04	491.9	11.4	0.87E-04	0.98E-04
352.5	12.3	0.37E-04	0.41E-04	493.9	11.4	0.12E-03	0.13E-03
354.5	12.3	0.23E-04	0.24E-04	495.9	11.4	0.43E-04	0.47E-04
356.5	12.3	0.21E-04	0.23E-04	497.9	11.4	0.82E-04	0.92E-04
358.5	12.3	0.13E-04	0.14E-04	500.0	11.4	0.27E-03	0.32E-03
360.6	12.2	0.29E-04	0.31E-04	502.0	11.4	0.81E-04	0.91E-04
362.6	12.2	0.26E-04	0.28E-04	504.0	11.4	0.53E-04	0.58E-04

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
506.0	11.4	0.10E-03	0.11E-03	647.4	11.6	0.24E-02	0.36E-02
508.0	11.4	0.79E-04	0.88E-04	649.4	11.6	0.25E-02	0.38E-02
510.0	11.3	0.25E-03	0.30E-03	651.5	11.6	0.27E-02	0.44E-02
512.1	11.3	0.85E-04	0.96E-04	653.5	11.6	0.23E-02	0.35E-02
514.1	11.3	0.10E-03	0.12E-03	655.5	11.6	0.30E-02	0.50E-02
516.1	11.3	0.33E-04	0.36E-04	657.5	11.6	0.34E-02	0.56E-02
518.1	11.3	0.51E-04	0.56E-04	659.5	11.6	0.35E-02	0.57E-02
520.2	11.3	0.43E-04	0.47E-04	661.5	11.7	0.35E-02	0.57E-02
522.2	11.3	0.62E-04	0.69E-04	663.6	11.7	0.25E-02	0.38E-02
524.2	11.3	0.76E-04	0.85E-04	665.6	11.8	0.29E-02	0.48E-02
526.2	11.2	0.95E-04	0.11E-03	667.6	11.8	0.47E-02	0.85E-02
528.2	11.2	0.62E-04	0.70E-04	669.6	11.8	0.40E-02	0.65E-02
530.3	11.2	0.52E-04	0.57E-04	671.7	11.9	0.40E-02	0.65E-02
532.3	11.2	0.98E-04	0.11E-03	673.7	12.0	0.41E-02	0.67E-02
534.3	11.2	0.13E-03	0.15E-03	675.7	12.0	0.40E-02	0.65E-02
536.3	11.2	0.70E-03	0.92E-03	677.7	12.1	0.35E-02	0.57E-02
538.3	11.2	0.39E-03	0.48E-03	679.7	12.1	0.39E-02	0.64E-02
540.3	11.2	0.31E-03	0.37E-03	681.8	12.1	0.48E-02	0.87E-02
542.4	11.2	0.13E-03	0.15E-03	683.8	12.1	0.52E-02	0.95E-02
544.4	11.2	0.98E-04	0.11E-03	685.8	12.2	0.37E-02	0.61E-02
546.4	11.2	0.14E-03	0.16E-03	687.8	12.2	0.44E-02	0.73E-02
548.4	11.2	0.58E-03	0.77E-03	689.8	12.2	0.64E-02	0.12E-01
550.5	11.2	0.13E-03	0.15E-03	691.8	12.2	0.56E-02	0.10E-01
552.5	11.2	0.12E-03	0.14E-03	693.9	12.3	0.43E-02	0.70E-02
554.5	11.1	0.11E-03	0.12E-03	695.9	12.3	0.43E-02	0.71E-02
556.5	11.1	0.19E-03	0.23E-03	697.9	12.3	0.31E-02	0.50E-02
558.5	11.1	0.26E-03	0.32E-03	699.9	12.3	0.36E-02	0.58E-02
560.5	11.1	0.44E-03	0.54E-03	702.0	12.3	0.35E-02	0.57E-02
562.6	11.0	0.51E-03	0.63E-03	704.0	12.3	0.46E-02	0.84E-02
564.6	11.0	0.28E-03	0.33E-03	706.0	12.4	0.26E-02	0.40E-02
566.6	11.0	0.11E-03	0.12E-03	708.0	12.4	0.42E-02	0.68E-02
568.6	11.0	0.78E-04	0.88E-04	710.0	12.5	0.34E-02	0.56E-02
570.7	11.0	0.22E-03	0.26E-03	712.0	12.5	0.42E-02	0.68E-02
572.7	11.0	0.18E-03	0.22E-03	714.1	12.5	0.34E-02	0.56E-02
574.7	11.0	0.65E-03	0.86E-03	716.1	12.6	0.54E-02	0.99E-02
576.7	11.0	0.44E-03	0.54E-03	718.1	12.6	0.50E-02	0.92E-02
578.7	11.0	0.32E-03	0.40E-03	720.1	12.6	0.58E-02	0.10E-01
580.8	11.0	0.17E-03	0.19E-03	722.1	12.6	0.54E-02	0.98E-02
582.8	11.0	0.30E-03	0.36E-03	724.2	12.6	0.49E-02	0.89E-02
584.8	11.0	0.45E-03	0.56E-03	726.2	12.6	0.33E-02	0.53E-02
586.8	11.0	0.58E-03	0.77E-03	728.2	12.6	0.57E-02	0.10E-01
588.8	11.0	0.12E-02	0.17E-02	730.2	12.6	0.43E-02	0.70E-02
590.8	11.0	0.13E-02	0.18E-02	732.3	12.6	0.25E-02	0.38E-02
592.9	10.9	0.54E-03	0.67E-03	734.3	12.6	0.38E-02	0.63E-02
594.9	10.9	0.39E-03	0.49E-03	736.3	12.6	0.33E-02	0.54E-02
596.9	10.9	0.14E-02	0.20E-02	738.3	12.6	0.31E-02	0.51E-02
598.9	10.9	0.94E-03	0.12E-02	740.3	12.6	0.30E-02	0.49E-02
601.0	10.9	0.13E-02	0.18E-02	742.3	12.7	0.57E-02	0.10E-01
603.0	10.9	0.16E-02	0.22E-02	744.4	12.7	0.29E-02	0.48E-02
605.0	10.9	0.48E-03	0.60E-03	746.4	12.8	0.28E-02	0.46E-02
607.0	11.0	0.13E-02	0.18E-02	748.4	12.9	0.37E-02	0.61E-02
609.0	11.0	0.69E-03	0.91E-03	750.4	12.9	0.57E-02	0.10E-01
611.0	11.0	0.46E-03	0.58E-03	752.5	12.9	0.43E-02	0.71E-02
613.1	11.0	0.38E-03	0.47E-03	754.5	12.9	0.55E-02	0.99E-02
615.1	11.1	0.17E-02	0.26E-02	756.5	12.9	0.37E-02	0.61E-02
617.1	11.2	0.14E-02	0.20E-02	758.5	12.9	0.29E-02	0.47E-02
619.1	11.3	0.18E-02	0.28E-02	760.5	12.9	0.33E-02	0.53E-02
621.2	11.3	0.11E-02	0.16E-02	762.5	12.9	0.60E-02	0.11E-01
623.2	11.3	0.26E-02	0.39E-02	764.6	12.9	0.47E-02	0.85E-02
625.2	11.3	0.34E-02	0.56E-02	766.6	12.9	0.80E-02	0.14E-01
627.2	11.4	0.26E-02	0.40E-02	768.6	12.9	0.55E-02	0.10E-01
629.2	11.4	0.45E-02	0.75E-02	770.6	12.9	0.70E-02	0.13E-01
631.3	11.4	0.28E-02	0.46E-02	772.6	12.9	0.45E-02	0.75E-02
633.3	11.4	0.39E-02	0.64E-02	774.7	12.9	0.97E-02	0.18E-01
635.3	11.5	0.54E-02	0.98E-02	776.7	12.9	0.78E-02	0.14E-01
637.3	11.5	0.36E-02	0.59E-02	778.7	12.9	0.65E-02	0.12E-01
639.3	11.6	0.30E-02	0.49E-02	780.7	12.9	0.97E-02	0.18E-01
641.3	11.6	0.17E-02	0.25E-02	782.8	12.9	0.47E-02	0.86E-02
643.4	11.6	0.36E-02	0.59E-02	784.8	12.9	0.69E-02	0.13E-01
645.4	11.6	0.17E-02	0.25E-02				

Bottom Salinity = 37.511

Appendix I:

**Tables and Profiles
of
Dissipation Rates and Temperature**

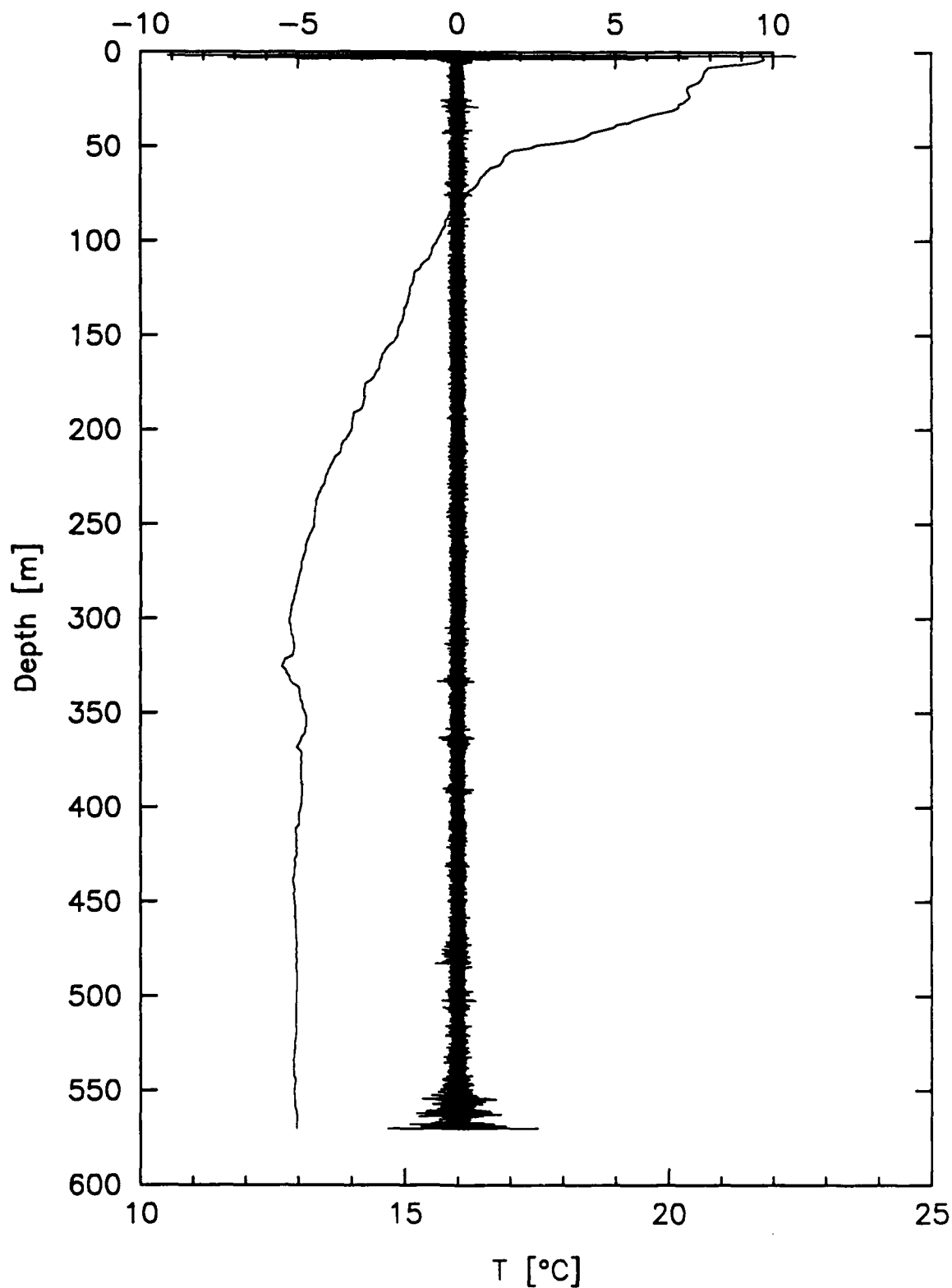
Section F

SECTION F

Station -----	Time -----	Location -----	XDP ---
3	24 SEP 1988 18:05 GMT	36 18.50 6 44.69	826
6	24 SEP 1988 22:02 GMT	36 12.43 6 55.13	817
7	24 SEP 1988 23:30 GMT	36 10.76 6 58.50	830

mo 0826

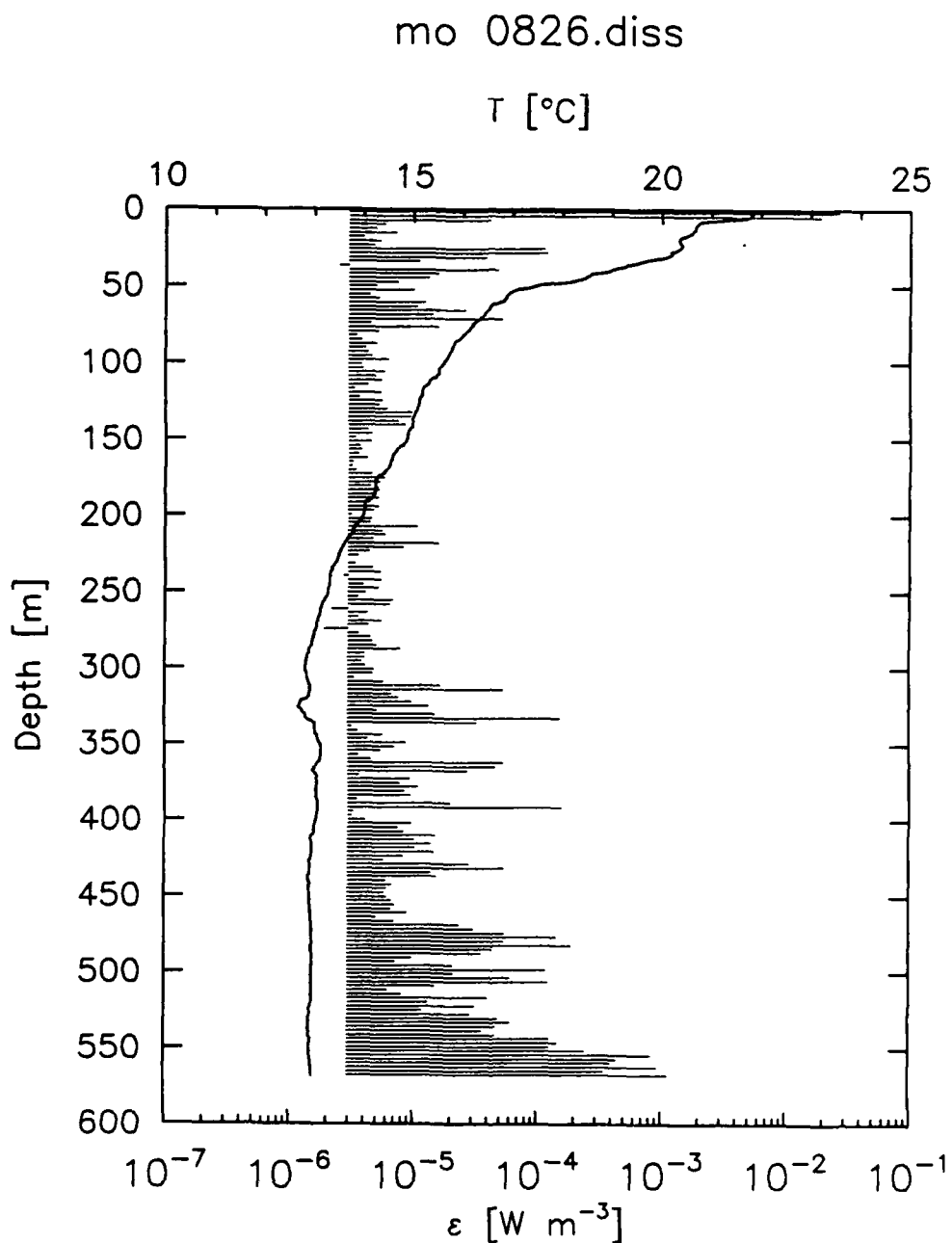
$\partial u / \partial z$ [sec⁻¹]



shear highpass: 10.

shear lowpass: 200.

temp lowpass: 3.



36 18.50 6 44.69 Lat/Lon
 24 SEP 1988 18:05 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

826 XDP
 3 Site Number
 19882681805 24 SEP 1988 18:05 GMT
 19890502144 20 FEB 1989 21:44 GMT Digitized
 36 18.50 6 44.69 Lat/Lon
 570 Depth (m)
 1024 Sampling Rate
 0.2397 S P Sensitivity
 low Gain
 450 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.67 Drop Rate (m/s)

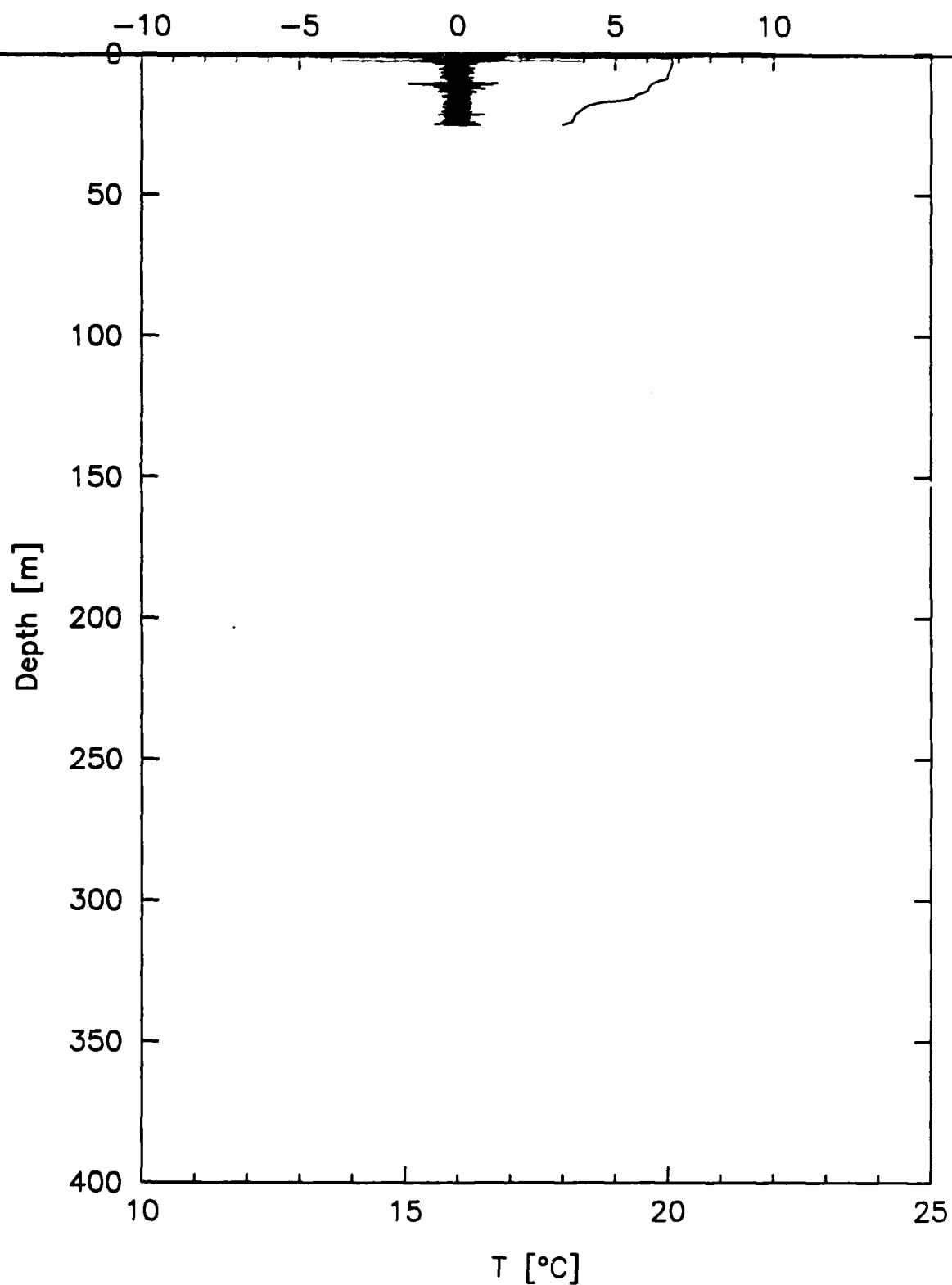
Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.3	21.8	0.27E-01	0.48E-01	148.2	14.9	0.34E-05	0.35E-05
4.0	21.8	0.19E-01	0.35E-01	150.9	14.8	0.45E-05	0.47E-05
6.7	21.1	0.41E-04	0.45E-04	153.5	14.8	0.37E-05	0.38E-05
9.3	20.7	0.58E-05	0.61E-05	156.2	14.7	0.38E-05	0.40E-05
12.0	20.7	0.50E-05	0.52E-05	158.9	14.6	0.36E-05	0.37E-05
14.7	20.6	0.73E-05	0.77E-05	161.5	14.6	0.42E-05	0.43E-05
17.4	20.4	0.40E-05	0.41E-05	164.2	14.5	0.32E-05	0.33E-05
20.0	20.4	0.54E-05	0.57E-05	166.9	14.5	0.32E-05	0.33E-05
22.7	20.4	0.49E-05	0.51E-05	169.5	14.5	0.34E-05	0.36E-05
25.4	20.3	0.11E-03	0.13E-03	172.2	14.4	0.45E-05	0.47E-05
28.0	20.2	0.12E-03	0.14E-03	174.9	14.3	0.58E-05	0.61E-05
30.7	20.1	0.39E-04	0.42E-04	177.6	14.2	0.53E-05	0.55E-05
33.4	19.6	0.11E-04	0.12E-04	180.2	14.2	0.45E-05	0.47E-05
36.0	19.3	0.25E-05	0.26E-05	182.9	14.3	0.53E-05	0.55E-05
38.7	19.0	0.48E-04	0.52E-04	185.6	14.2	0.50E-05	0.52E-05
41.4	18.7	0.16E-04	0.17E-04	188.2	14.2	0.53E-05	0.55E-05
44.1	18.5	0.13E-04	0.14E-04	190.9	14.1	0.44E-05	0.46E-05
46.7	18.2	0.74E-05	0.78E-05	193.6	14.0	0.52E-05	0.55E-05
49.4	17.5	0.50E-05	0.52E-05	196.2	14.0	0.48E-05	0.50E-05
52.1	17.1	0.10E-04	0.11E-04	198.9	14.0	0.32E-05	0.33E-05
54.7	16.9	0.44E-05	0.46E-05	201.6	14.0	0.46E-05	0.48E-05
57.4	16.9	0.52E-05	0.54E-05	204.3	13.9	0.45E-05	0.47E-05
60.1	16.7	0.12E-04	0.13E-04	206.9	13.8	0.11E-04	0.11E-04
62.7	16.6	0.11E-04	0.11E-04	209.6	13.8	0.56E-05	0.59E-05
65.4	16.5	0.26E-04	0.28E-04	212.3	13.8	0.59E-05	0.62E-05
68.1	16.4	0.14E-04	0.15E-04	214.9	13.7	0.47E-05	0.49E-05
70.8	16.3	0.52E-04	0.57E-04	217.6	13.6	0.16E-04	0.17E-04
73.4	16.2	0.45E-05	0.47E-05	220.3	13.6	0.83E-05	0.87E-05
76.1	16.2	0.16E-04	0.17E-04	222.9	13.5	0.44E-05	0.46E-05
78.8	16.1	0.52E-05	0.54E-05	225.6	13.5	0.36E-05	0.38E-05
81.4	16.0	0.35E-05	0.36E-05	228.3	13.5	0.30E-05	0.31E-05
84.1	15.9	0.38E-05	0.40E-05	231.0	13.4	0.34E-05	0.35E-05
86.8	15.8	0.50E-05	0.52E-05	233.6	13.4	0.47E-05	0.49E-05
89.4	15.8	0.41E-05	0.43E-05	236.3	13.3	0.54E-05	0.57E-05
92.1	15.8	0.43E-05	0.45E-05	239.0	13.3	0.27E-05	0.28E-05
94.8	15.7	0.46E-05	0.48E-05	241.6	13.3	0.55E-05	0.58E-05
97.5	15.7	0.63E-05	0.67E-05	244.3	13.3	0.39E-05	0.41E-05
100.1	15.6	0.38E-05	0.40E-05	247.0	13.3	0.52E-05	0.55E-05
102.8	15.5	0.39E-05	0.41E-05	249.6	13.3	0.41E-05	0.43E-05
105.5	15.5	0.58E-05	0.62E-05	252.3	13.3	0.36E-05	0.38E-05
108.1	15.5	0.49E-05	0.52E-05	255.0	13.2	0.68E-05	0.72E-05
110.8	15.4	0.55E-05	0.58E-05	257.7	13.2	0.65E-05	0.68E-05
113.5	15.3	0.43E-05	0.44E-05	260.3	13.1	0.22E-05	0.23E-05
116.1	15.2	0.33E-05	0.35E-05	263.0	13.1	0.43E-05	0.45E-05
118.8	15.2	0.54E-05	0.57E-05	265.7	13.1	0.36E-05	0.37E-05
121.5	15.2	0.36E-05	0.38E-05	268.3	13.1	0.55E-05	0.58E-05
124.2	15.1	0.55E-05	0.58E-05	271.0	13.1	0.44E-05	0.46E-05
126.8	15.1	0.53E-05	0.55E-05	273.7	13.1	0.19E-05	0.20E-05
129.5	15.1	0.61E-05	0.64E-05	276.3	13.0	0.36E-05	0.38E-05
132.2	15.1	0.98E-05	0.10E-04	279.0	13.0	0.45E-05	0.47E-05
134.8	15.0	0.95E-05	0.10E-04	281.7	13.0	0.47E-05	0.49E-05
137.5	15.0	0.75E-05	0.79E-05	284.4	13.0	0.50E-05	0.52E-05
140.2	15.0	0.85E-05	0.90E-05	287.0	12.9	0.79E-05	0.84E-05
142.8	14.9	0.42E-05	0.44E-05	289.7	12.9	0.41E-05	0.42E-05
145.5	14.9	0.46E-05	0.48E-05	292.4	12.9	0.41E-05	0.42E-05

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
295.0	12.9	0.38E-05	0.40E-05	481.9	13.0	0.19E-03	0.23E-03
297.7	12.8	0.41E-05	0.43E-05	484.6	13.0	0.44E-04	0.48E-04
300.4	12.8	0.49E-05	0.51E-05	487.3	13.0	0.36E-04	0.39E-04
303.0	12.9	0.47E-05	0.49E-05	489.9	13.0	0.99E-05	0.11E-04
305.7	12.9	0.33E-05	0.35E-05	492.6	13.0	0.72E-05	0.76E-05
308.4	12.9	0.58E-05	0.61E-05	495.3	13.0	0.21E-04	0.23E-04
311.1	12.9	0.17E-04	0.18E-04	498.0	13.0	0.12E-03	0.14E-03
313.7	12.9	0.53E-04	0.58E-04	500.6	13.0	0.21E-04	0.23E-04
316.4	12.9	0.67E-05	0.71E-05	503.3	13.0	0.61E-04	0.68E-04
319.1	12.9	0.76E-05	0.80E-05	506.0	13.0	0.12E-03	0.14E-03
321.7	12.8	0.96E-05	0.10E-04	508.6	13.0	0.15E-04	0.16E-04
324.4	12.7	0.13E-04	0.14E-04	511.3	13.0	0.62E-05	0.65E-05
327.1	12.7	0.51E-05	0.53E-05	514.0	13.0	0.81E-05	0.85E-05
329.7	12.8	0.15E-04	0.16E-04	516.6	13.0	0.40E-04	0.44E-04
332.4	12.8	0.16E-03	0.18E-03	519.3	13.0	0.13E-04	0.14E-04
335.1	13.0	0.33E-04	0.36E-04	522.0	12.9	0.32E-04	0.35E-04
337.8	13.0	0.32E-05	0.33E-05	524.7	12.9	0.12E-04	0.13E-04
340.4	13.0	0.36E-05	0.37E-05	527.3	12.9	0.29E-04	0.32E-04
343.1	13.0	0.57E-05	0.60E-05	530.0	12.9	0.49E-04	0.54E-04
345.8	13.1	0.43E-05	0.45E-05	532.7	12.9	0.62E-04	0.70E-04
348.4	13.1	0.88E-05	0.93E-05	535.3	12.9	0.47E-04	0.52E-04
351.1	13.1	0.71E-05	0.75E-05	538.0	12.9	0.37E-04	0.40E-04
353.8	13.1	0.55E-05	0.58E-05	540.7	12.9	0.47E-04	0.51E-04
356.4	13.1	0.36E-05	0.38E-05	543.3	12.9	0.13E-03	0.15E-03
359.1	13.1	0.46E-05	0.48E-05	546.0	12.9	0.15E-03	0.17E-03
361.8	13.1	0.54E-04	0.59E-04	548.7	12.9	0.13E-03	0.15E-03
364.5	13.0	0.46E-04	0.51E-04	551.4	12.9	0.25E-03	0.29E-03
367.1	13.0	0.28E-04	0.30E-04	554.0	12.9	0.85E-03	0.11E-02
369.8	13.0	0.37E-05	0.38E-05	556.7	12.9	0.45E-03	0.56E-03
372.5	13.1	0.95E-05	0.10E-04	559.4	12.9	0.40E-03	0.50E-03
375.1	13.1	0.78E-05	0.82E-05	562.0	13.0	0.95E-03	0.13E-02
377.8	13.1	0.11E-04	0.12E-04	564.7	13.0	0.35E-03	0.44E-03
380.5	13.0	0.85E-05	0.90E-05	567.4	13.0	0.12E-02	0.16E-02
383.1	13.1	0.95E-05	0.10E-04				
385.8	13.1	0.35E-05	0.36E-05				
388.5	13.1	0.20E-04	0.21E-04				
391.2	13.1	0.16E-03	0.18E-03				
393.8	13.1	0.33E-05	0.34E-05				
396.5	13.1	0.32E-05	0.34E-05				
399.2	13.0	0.41E-05	0.42E-05				
401.8	13.0	0.97E-05	0.10E-04				
404.5	13.0	0.76E-05	0.80E-05				
407.2	13.0	0.84E-05	0.89E-05				
409.8	13.0	0.15E-04	0.16E-04				
412.5	12.9	0.10E-04	0.11E-04				
415.2	13.0	0.14E-04	0.15E-04				
417.9	13.0	0.10E-04	0.11E-04				
420.5	13.0	0.15E-04	0.16E-04				
423.2	13.0	0.84E-05	0.89E-05				
425.9	12.9	0.58E-05	0.61E-05				
428.5	12.9	0.29E-04	0.31E-04				
431.2	12.9	0.54E-04	0.59E-04				
433.9	12.9	0.14E-04	0.15E-04				
436.5	12.9	0.15E-04	0.16E-04				
439.2	12.9	0.61E-05	0.64E-05				
441.9	12.9	0.67E-05	0.71E-05				
444.6	12.9	0.62E-05	0.65E-05				
447.2	12.9	0.59E-05	0.62E-05				
449.9	12.9	0.62E-05	0.65E-05				
452.6	12.9	0.67E-05	0.71E-05				
455.2	12.9	0.72E-05	0.75E-05				
457.9	12.9	0.67E-05	0.71E-05				
460.6	12.9	0.90E-05	0.95E-05				
463.2	12.9	0.51E-05	0.53E-05				
465.9	12.9	0.71E-05	0.74E-05				
468.6	13.0	0.24E-04	0.25E-04				
471.3	13.0	0.31E-04	0.33E-04				
473.9	13.0	0.55E-04	0.60E-04				
476.6	13.0	0.14E-03	0.17E-03				
479.3	13.0	0.54E-04	0.60E-04				

Bottom Salinity = 36.559

mo 0817

$\partial u / \partial z$ [sec⁻¹]



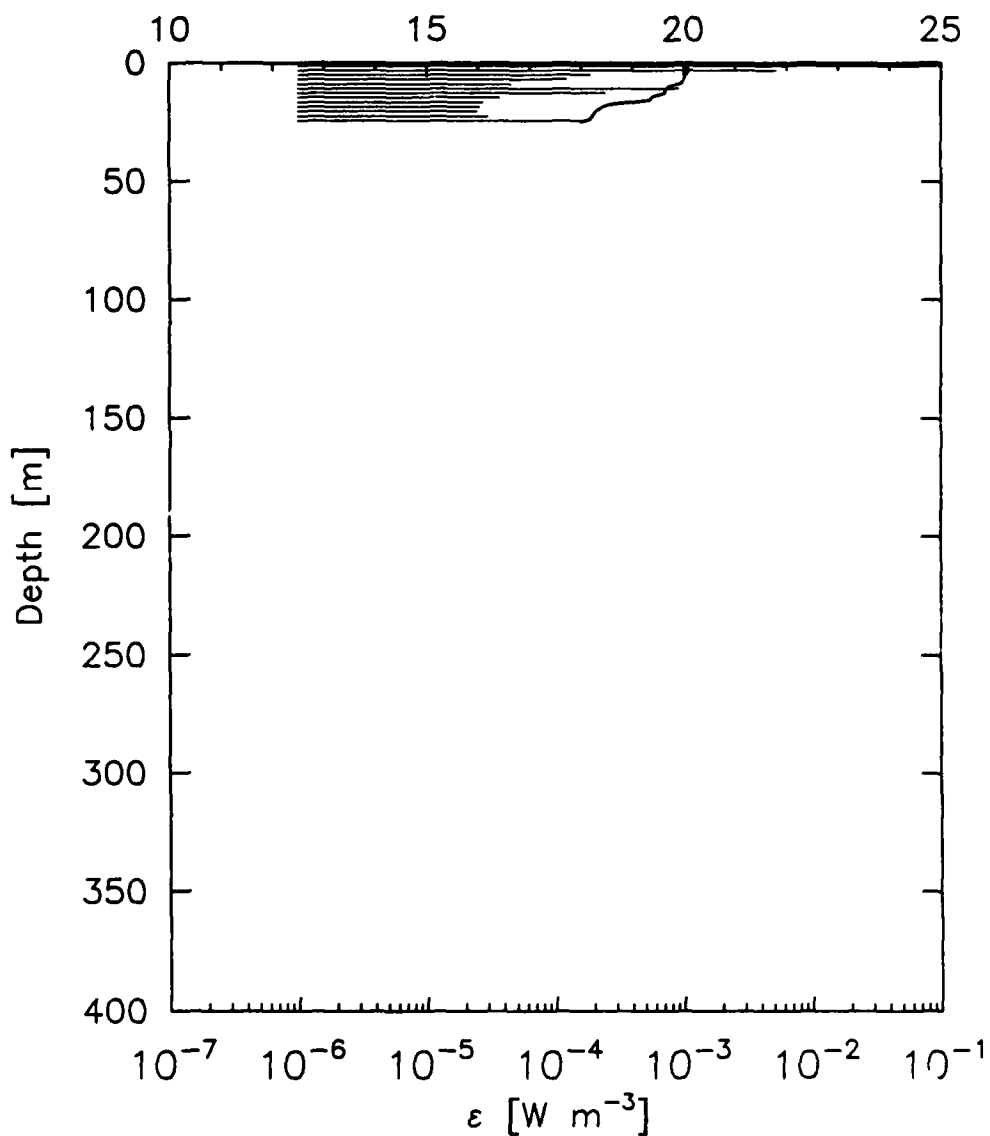
shear highpass: 10.

shear lowpass: 200.

temp lowpass: 3.

mo 0817.diss

$T [^{\circ}\text{C}]$



36 12.43 6 55.13 Lat/Lon
24 SEP 1988 22:02 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

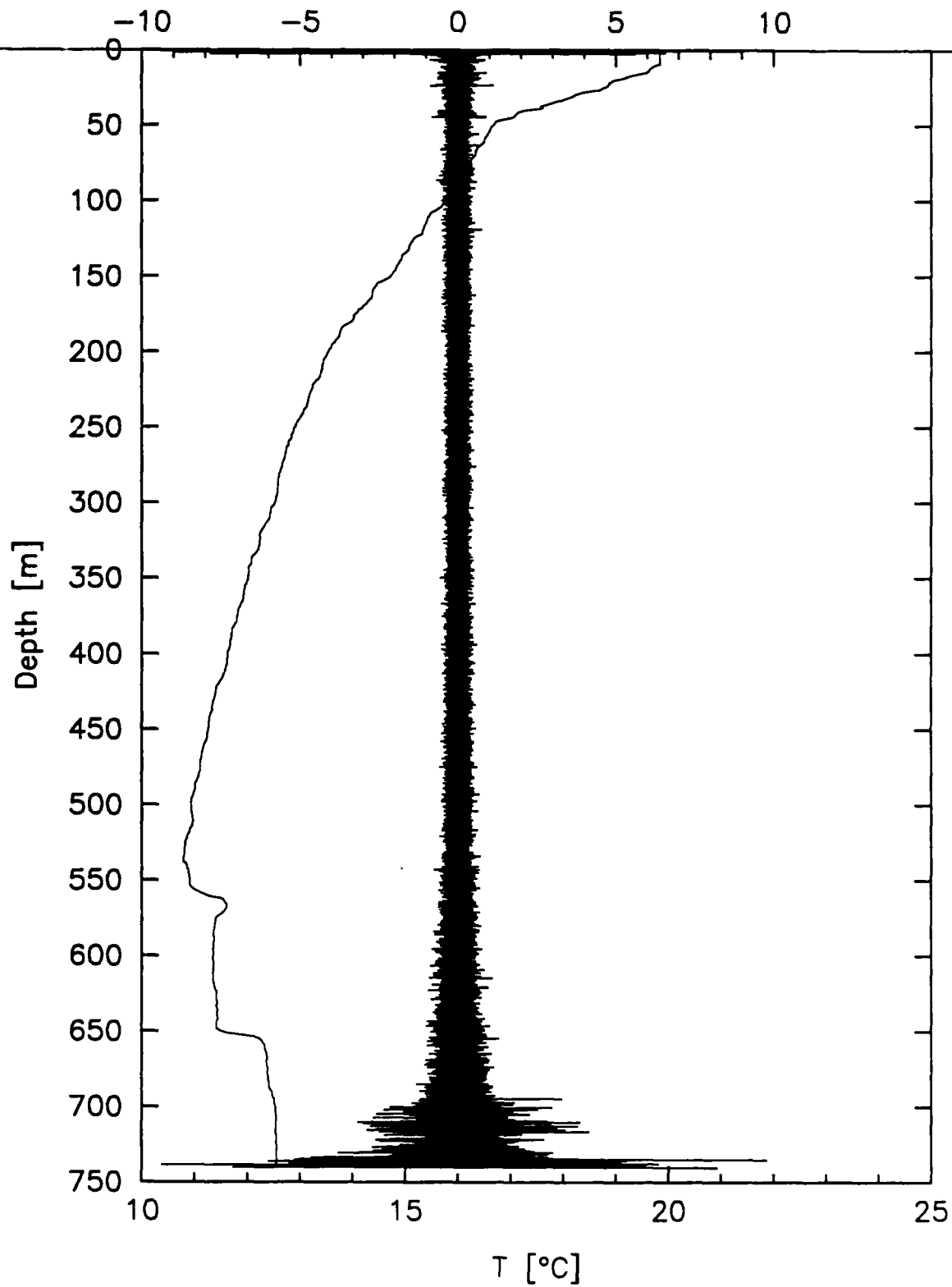
817 XDP
 6 Site Number
 19882682202 24 SEP 1988 22:02 GMT
 19890572103 27 FEB 1989 21:03 GMT Digitized
 36 12.43 6 55.13 Lat/Lon
 690 Depth (m)
 1024 Sampling Rate
 0.1644 S P Sensitivity
 low Gain
 453 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 1.94 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.0	20.1	0.27E+00	0.50E+00
2.9	20.1	0.52E-02	0.95E-02
4.8	20.0	0.19E-03	0.22E-03
6.8	20.0	0.12E-03	0.14E-03
8.7	19.9	0.45E-04	0.50E-04
10.7	19.7	0.92E-03	0.12E-02
12.6	19.6	0.24E-03	0.29E-03
14.6	19.4	0.37E-04	0.41E-04
16.5	19.0	0.28E-04	0.30E-04
18.4	18.5	0.26E-04	0.28E-04
20.4	18.3	0.25E-04	0.27E-04
22.3	18.2	0.30E-04	0.32E-04
24.3	18.1	0.16E-03	0.18E-03

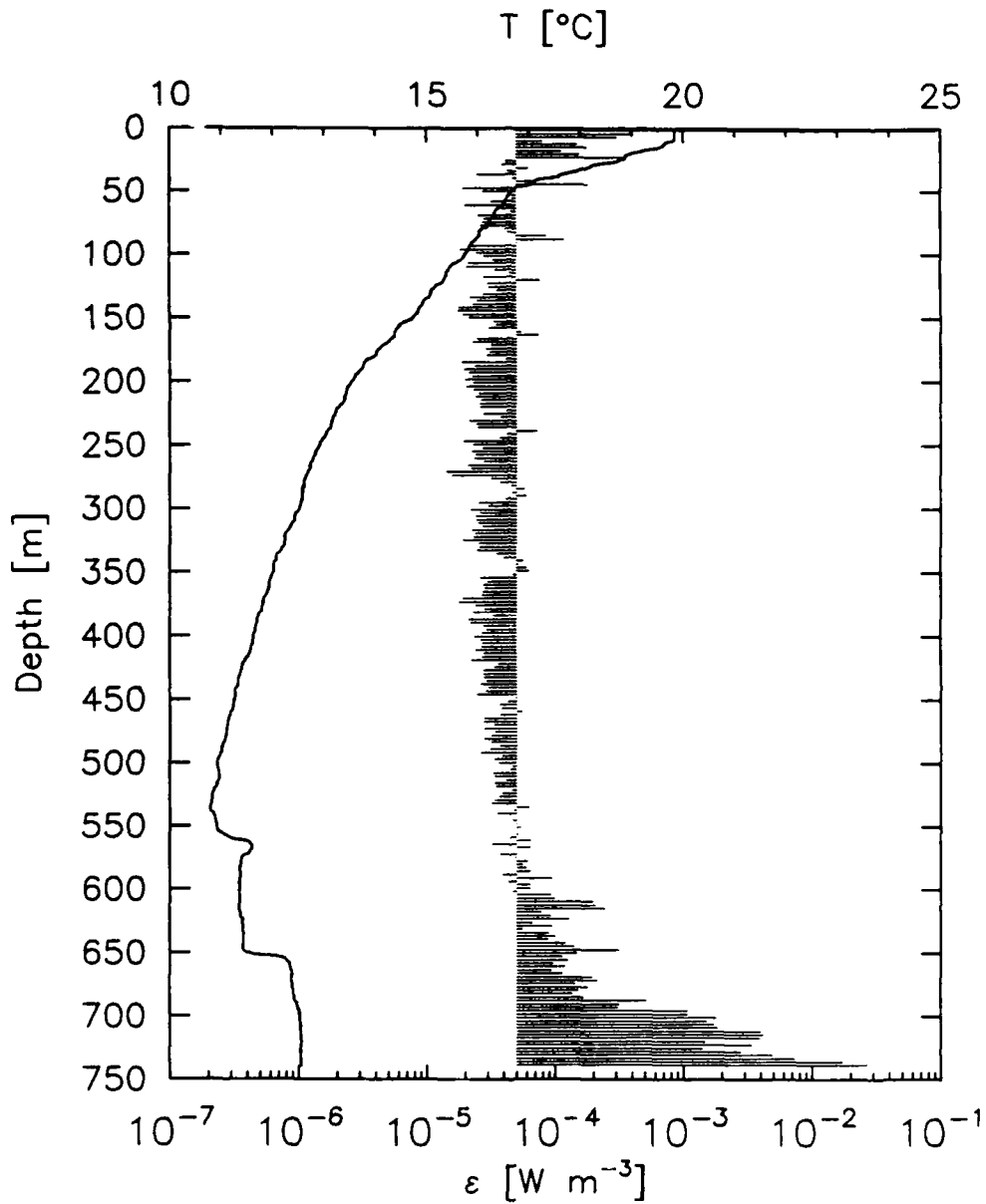
Bottom Salinity = 36.891

mo 0830

$\partial u / \partial z$ [sec⁻¹]



mo 0830.diss



36 10.76 6 58.50 Lat/Lon
24 SEP 1988 23:30 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

830 XDP
 7 Site Number
 19882682330 24 SEP 1988 23:30 GMT
 19890572117 27 FEB 1989 21:17 GMT Digitized
 36 10.76 6 58.50 Lat/Lon
 740 Depth (m)
 1024 Sampling Rate
 0.1628 S P Sensitivity
 low Gain
 447 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.69 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.3	19.8	0.92E-01	0.17E+00	149.3	14.7	0.21E-04	0.23E-04
4.0	19.8	0.41E-03	0.51E-03	152.0	14.6	0.33E-04	0.36E-04
6.7	19.8	0.31E-03	0.36E-03	154.7	14.5	0.35E-04	0.38E-04
9.4	19.8	0.81E-04	0.91E-04	157.4	14.4	0.31E-04	0.33E-04
12.1	19.6	0.15E-03	0.17E-03	160.1	14.4	0.54E-04	0.59E-04
14.8	19.5	0.18E-03	0.21E-03	162.7	14.4	0.74E-04	0.84E-04
17.5	19.3	0.11E-03	0.13E-03	165.4	14.3	0.25E-04	0.27E-04
20.2	19.0	0.16E-03	0.18E-03	168.1	14.3	0.23E-04	0.25E-04
22.9	18.9	0.36E-03	0.45E-03	170.8	14.2	0.32E-04	0.35E-04
25.6	18.7	0.41E-04	0.45E-04	173.5	14.1	0.29E-04	0.31E-04
28.2	18.4	0.39E-04	0.43E-04	176.2	14.0	0.31E-04	0.33E-04
30.9	18.1	0.61E-04	0.69E-04	178.9	14.0	0.30E-04	0.32E-04
33.6	17.9	0.42E-04	0.47E-04	181.6	13.9	0.41E-04	0.45E-04
36.3	17.7	0.25E-04	0.27E-04	184.3	13.8	0.19E-04	0.20E-04
39.0	17.4	0.47E-04	0.51E-04	187.0	13.8	0.24E-04	0.25E-04
41.7	17.1	0.71E-04	0.79E-04	189.6	13.7	0.20E-04	0.21E-04
44.4	17.0	0.18E-03	0.21E-03	192.3	13.7	0.21E-04	0.23E-04
47.1	16.7	0.20E-04	0.21E-04	195.0	13.6	0.23E-04	0.24E-04
49.8	16.7	0.28E-04	0.30E-04	197.7	13.6	0.20E-04	0.21E-04
52.5	16.6	0.44E-04	0.48E-04	200.4	13.5	0.23E-04	0.25E-04
55.1	16.6	0.47E-04	0.51E-04	203.1	13.5	0.20E-04	0.22E-04
57.8	16.5	0.32E-04	0.35E-04	205.8	13.4	0.23E-04	0.25E-04
60.5	16.5	0.20E-04	0.21E-04	208.5	13.4	0.25E-04	0.27E-04
63.2	16.4	0.39E-04	0.43E-04	211.2	13.4	0.24E-04	0.26E-04
65.9	16.3	0.46E-04	0.50E-04	213.9	13.4	0.26E-04	0.28E-04
68.6	16.3	0.25E-04	0.27E-04	216.5	13.4	0.26E-04	0.28E-04
71.3	16.3	0.28E-04	0.30E-04	219.2	13.3	0.26E-04	0.28E-04
74.0	16.2	0.28E-04	0.30E-04	221.9	13.2	0.41E-04	0.46E-04
76.7	16.2	0.27E-04	0.29E-04	224.6	13.2	0.28E-04	0.30E-04
79.4	16.1	0.41E-04	0.45E-04	227.3	13.2	0.38E-04	0.42E-04
82.0	16.0	0.43E-04	0.47E-04	230.0	13.2	0.22E-04	0.23E-04
84.7	16.0	0.85E-04	0.96E-04	232.7	13.1	0.25E-04	0.26E-04
87.4	16.0	0.12E-03	0.14E-03	235.4	13.1	0.25E-04	0.27E-04
90.1	15.9	0.51E-04	0.56E-04	238.1	13.1	0.73E-04	0.82E-04
92.8	15.9	0.21E-04	0.23E-04	240.8	13.0	0.42E-04	0.46E-04
95.5	15.8	0.18E-04	0.20E-04	243.4	13.0	0.37E-04	0.41E-04
98.2	15.8	0.24E-04	0.26E-04	246.1	13.0	0.20E-04	0.21E-04
100.9	15.7	0.28E-04	0.30E-04	248.8	12.9	0.23E-04	0.25E-04
103.6	15.7	0.33E-04	0.37E-04	251.5	12.9	0.27E-04	0.29E-04
106.3	15.6	0.21E-04	0.23E-04	254.2	12.8	0.22E-04	0.24E-04
108.9	15.5	0.21E-04	0.22E-04	256.9	12.8	0.24E-04	0.26E-04
111.6	15.4	0.34E-04	0.37E-04	259.6	12.8	0.24E-04	0.25E-04
114.3	15.4	0.45E-04	0.49E-04	262.3	12.8	0.28E-04	0.30E-04
117.0	15.4	0.28E-04	0.30E-04	265.0	12.7	0.21E-04	0.23E-04
119.7	15.3	0.77E-04	0.86E-04	267.7	12.7	0.22E-04	0.24E-04
122.4	15.3	0.30E-04	0.32E-04	270.3	12.7	0.14E-04	0.15E-04
125.1	15.2	0.30E-04	0.33E-04	273.0	12.7	0.16E-04	0.17E-04
127.8	15.1	0.35E-04	0.39E-04	275.7	12.6	0.32E-04	0.35E-04
130.5	15.1	0.28E-04	0.30E-04	278.4	12.6	0.37E-04	0.41E-04
133.2	15.1	0.22E-04	0.24E-04	281.1	12.6	0.46E-04	0.50E-04
135.8	15.0	0.25E-04	0.27E-04	283.8	12.6	0.57E-04	0.64E-04
138.5	14.9	0.23E-04	0.25E-04	286.5	12.6	0.47E-04	0.51E-04
141.2	14.9	0.18E-04	0.19E-04	289.2	12.6	0.59E-04	0.67E-04
143.9	14.8	0.17E-04	0.19E-04	291.9	12.6	0.42E-04	0.46E-04
146.6	14.8	0.19E-04	0.21E-04	294.6	12.6	0.26E-04	0.28E-04

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
297.2	12.5	0.30E-04	0.32E-04	485.5	11.0	0.37E-04	0.41E-04
299.9	12.5	0.22E-04	0.24E-04	488.2	11.0	0.31E-04	0.34E-04
302.6	12.5	0.26E-04	0.28E-04	490.9	11.0	0.26E-04	0.28E-04
305.3	12.4	0.24E-04	0.26E-04	493.6	11.0	0.38E-04	0.42E-04
308.0	12.4	0.25E-04	0.26E-04	496.3	10.9	0.33E-04	0.37E-04
310.7	12.4	0.25E-04	0.27E-04	499.0	10.9	0.37E-04	0.40E-04
313.4	12.3	0.27E-04	0.29E-04	501.7	10.9	0.47E-04	0.52E-04
316.1	12.3	0.23E-04	0.24E-04	504.4	10.9	0.45E-04	0.50E-04
318.8	12.3	0.24E-04	0.26E-04	507.1	10.9	0.33E-04	0.36E-04
321.5	12.2	0.23E-04	0.25E-04	509.8	11.0	0.34E-04	0.37E-04
324.1	12.2	0.19E-04	0.21E-04	512.4	11.0	0.42E-04	0.46E-04
326.8	12.2	0.26E-04	0.27E-04	515.1	10.9	0.34E-04	0.37E-04
329.5	12.2	0.26E-04	0.28E-04	517.8	10.9	0.34E-04	0.38E-04
332.2	12.2	0.25E-04	0.27E-04	520.5	10.9	0.46E-04	0.51E-04
334.9	12.1	0.36E-04	0.39E-04	523.2	10.8	0.38E-04	0.42E-04
337.6	12.1	0.40E-04	0.44E-04	525.9	10.8	0.37E-04	0.40E-04
340.3	12.1	0.56E-04	0.63E-04	528.6	10.8	0.34E-04	0.37E-04
343.0	12.0	0.52E-04	0.57E-04	531.3	10.8	0.32E-04	0.35E-04
345.7	12.0	0.59E-04	0.67E-04	534.0	10.8	0.63E-04	0.71E-04
348.4	12.0	0.62E-04	0.70E-04	536.7	10.8	0.48E-04	0.52E-04
351.0	12.0	0.47E-04	0.52E-04	539.3	10.8	0.35E-04	0.39E-04
353.7	12.0	0.26E-04	0.28E-04	542.0	10.9	0.50E-04	0.55E-04
356.4	11.9	0.30E-04	0.32E-04	544.7	10.9	0.47E-04	0.52E-04
359.1	11.9	0.27E-04	0.29E-04	547.4	10.9	0.50E-04	0.55E-04
361.8	11.9	0.29E-04	0.31E-04	550.1	10.9	0.54E-04	0.59E-04
364.5	11.9	0.27E-04	0.30E-04	552.8	10.9	0.50E-04	0.55E-04
367.2	11.9	0.27E-04	0.29E-04	555.5	11.0	0.52E-04	0.57E-04
369.9	11.8	0.19E-04	0.20E-04	558.2	11.1	0.45E-04	0.49E-04
372.6	11.8	0.18E-04	0.19E-04	560.9	11.3	0.65E-04	0.73E-04
375.3	11.8	0.24E-04	0.26E-04	563.6	11.6	0.32E-04	0.36E-04
377.9	11.8	0.28E-04	0.30E-04	566.2	11.6	0.64E-04	0.72E-04
380.6	11.8	0.23E-04	0.25E-04	568.9	11.6	0.50E-04	0.55E-04
383.3	11.7	0.31E-04	0.33E-04	571.6	11.5	0.37E-04	0.41E-04
386.0	11.7	0.21E-04	0.23E-04	574.3	11.4	0.49E-04	0.54E-04
388.7	11.7	0.22E-04	0.24E-04	577.0	11.4	0.61E-04	0.68E-04
391.4	11.7	0.28E-04	0.30E-04	579.7	11.4	0.56E-04	0.61E-04
394.1	11.7	0.29E-04	0.32E-04	582.4	11.4	0.60E-04	0.67E-04
396.8	11.6	0.27E-04	0.29E-04	585.1	11.4	0.65E-04	0.73E-04
399.5	11.6	0.24E-04	0.25E-04	587.8	11.4	0.39E-04	0.43E-04
402.2	11.6	0.27E-04	0.29E-04	590.5	11.4	0.94E-04	0.11E-03
404.8	11.6	0.27E-04	0.29E-04	593.1	11.3	0.43E-04	0.47E-04
407.5	11.6	0.27E-04	0.29E-04	595.8	11.4	0.64E-04	0.72E-04
410.2	11.6	0.24E-04	0.26E-04	598.5	11.4	0.64E-04	0.72E-04
412.9	11.6	0.28E-04	0.30E-04	601.2	11.3	0.47E-04	0.52E-04
415.6	11.5	0.27E-04	0.29E-04	603.9	11.4	0.92E-04	0.10E-03
418.3	11.5	0.22E-04	0.24E-04	606.6	11.4	0.99E-04	0.11E-03
421.0	11.4	0.36E-04	0.40E-04	609.3	11.4	0.20E-03	0.23E-03
423.7	11.4	0.34E-04	0.37E-04	612.0	11.3	0.21E-03	0.25E-03
426.4	11.4	0.28E-04	0.30E-04	614.7	11.3	0.24E-03	0.29E-03
429.1	11.4	0.27E-04	0.30E-04	617.4	11.4	0.78E-04	0.88E-04
431.7	11.3	0.28E-04	0.30E-04	620.0	11.4	0.92E-04	0.10E-03
434.4	11.3	0.29E-04	0.31E-04	622.7	11.4	0.13E-03	0.15E-03
437.1	11.3	0.26E-04	0.28E-04	625.4	11.4	0.67E-04	0.76E-04
439.8	11.3	0.30E-04	0.32E-04	628.1	11.4	0.94E-04	0.11E-03
442.5	11.3	0.29E-04	0.31E-04	630.8	11.4	0.55E-04	0.61E-04
445.2	11.3	0.25E-04	0.26E-04	633.5	11.4	0.89E-04	0.10E-03
447.9	11.3	0.50E-04	0.54E-04	636.2	11.4	0.10E-03	0.11E-03
450.6	11.3	0.43E-04	0.47E-04	638.9	11.4	0.88E-04	0.99E-04
453.3	11.2	0.37E-04	0.41E-04	641.6	11.4	0.12E-03	0.14E-03
456.0	11.2	0.38E-04	0.42E-04	644.3	11.4	0.14E-03	0.16E-03
458.6	11.2	0.55E-04	0.60E-04	646.9	11.4	0.31E-03	0.37E-03
461.3	11.2	0.37E-04	0.41E-04	649.6	11.5	0.15E-03	0.17E-03
464.0	11.1	0.28E-04	0.30E-04	652.3	11.9	0.11E-03	0.13E-03
466.7	11.1	0.28E-04	0.30E-04	655.0	12.2	0.13E-03	0.15E-03
469.4	11.1	0.33E-04	0.37E-04	657.7	12.3	0.97E-04	0.11E-03
472.1	11.1	0.28E-04	0.30E-04	660.4	12.3	0.12E-03	0.14E-03
474.8	11.1	0.34E-04	0.37E-04	663.1	12.3	0.93E-04	0.10E-03
477.5	11.1	0.32E-04	0.35E-04	665.8	12.4	0.11E-03	0.13E-03
480.2	11.1	0.28E-04	0.30E-04	668.5	12.4	0.19E-03	0.23E-03
482.9	11.1	0.32E-04	0.35E-04	671.2	12.4	0.21E-03	0.26E-03

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
673.8	12.4	0.14E-03	0.16E-03
676.5	12.4	0.18E-03	0.21E-03
679.2	12.4	0.15E-03	0.18E-03
681.9	12.4	0.14E-03	0.16E-03
684.6	12.4	0.17E-03	0.19E-03
687.3	12.4	0.51E-03	0.64E-03
690.0	12.5	0.32E-03	0.39E-03
692.7	12.5	0.31E-03	0.37E-03
695.4	12.5	0.11E-02	0.15E-02
698.1	12.5	0.11E-02	0.15E-02
700.7	12.5	0.18E-02	0.27E-02
703.4	12.5	0.15E-02	0.21E-02
706.1	12.5	0.17E-02	0.26E-02
708.8	12.5	0.18E-02	0.28E-02
711.5	12.5	0.40E-02	0.65E-02
714.2	12.5	0.41E-02	0.68E-02
716.9	12.5	0.40E-02	0.65E-02
719.6	12.6	0.15E-02	0.21E-02
722.3	12.5	0.34E-02	0.56E-02
725.0	12.5	0.14E-02	0.20E-02
727.6	12.6	0.28E-02	0.46E-02
730.3	12.6	0.49E-02	0.90E-02
733.0	12.6	0.74E-02	0.13E-01
735.7	12.5	0.17E-01	0.31E-01
738.4	12.6	0.26E-01	0.48E-01

Bottom Salinity = 37.027

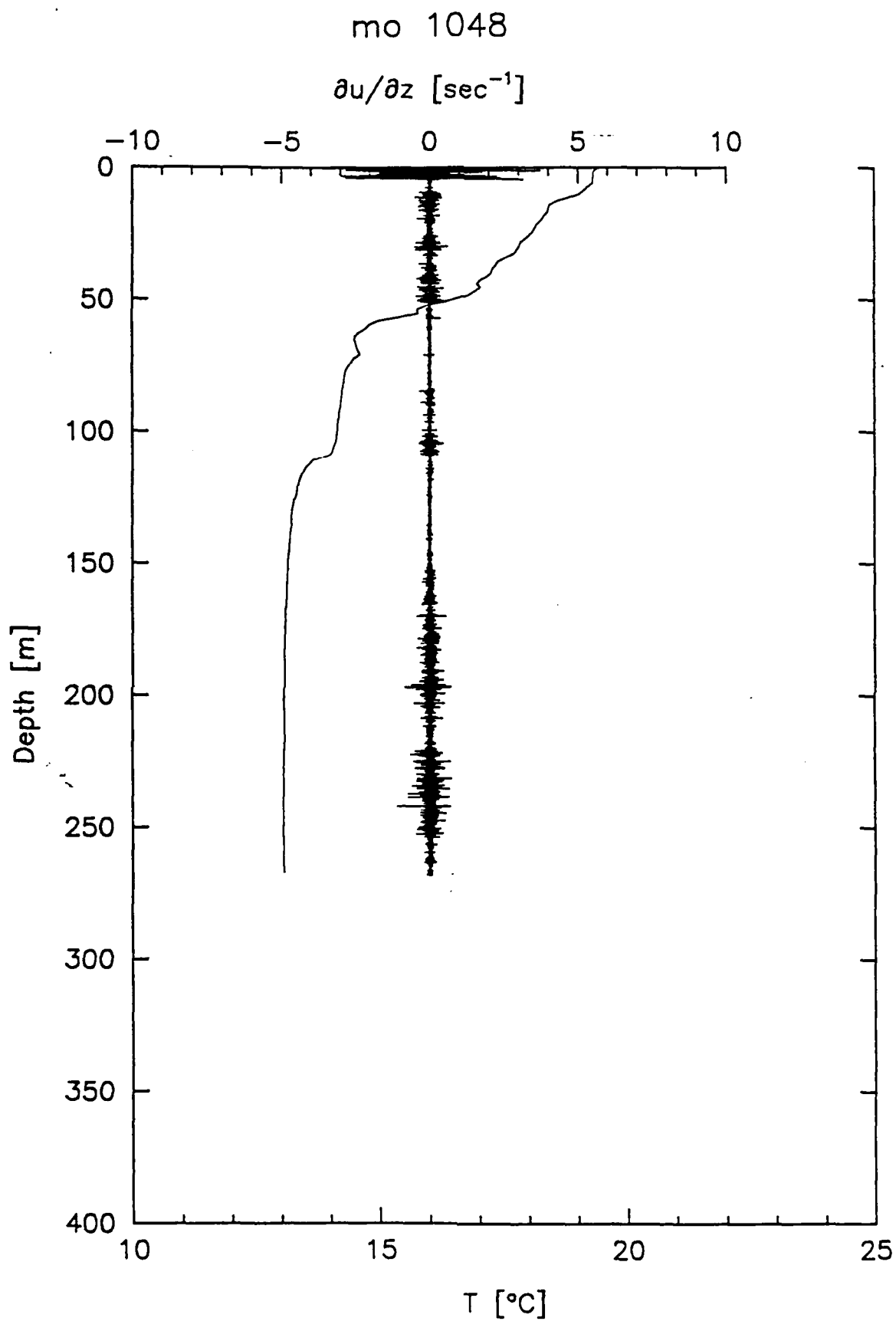
Appendix J:

Tables and Profiles
of
Dissipation Rates and Temperature

Section I

SECTION I

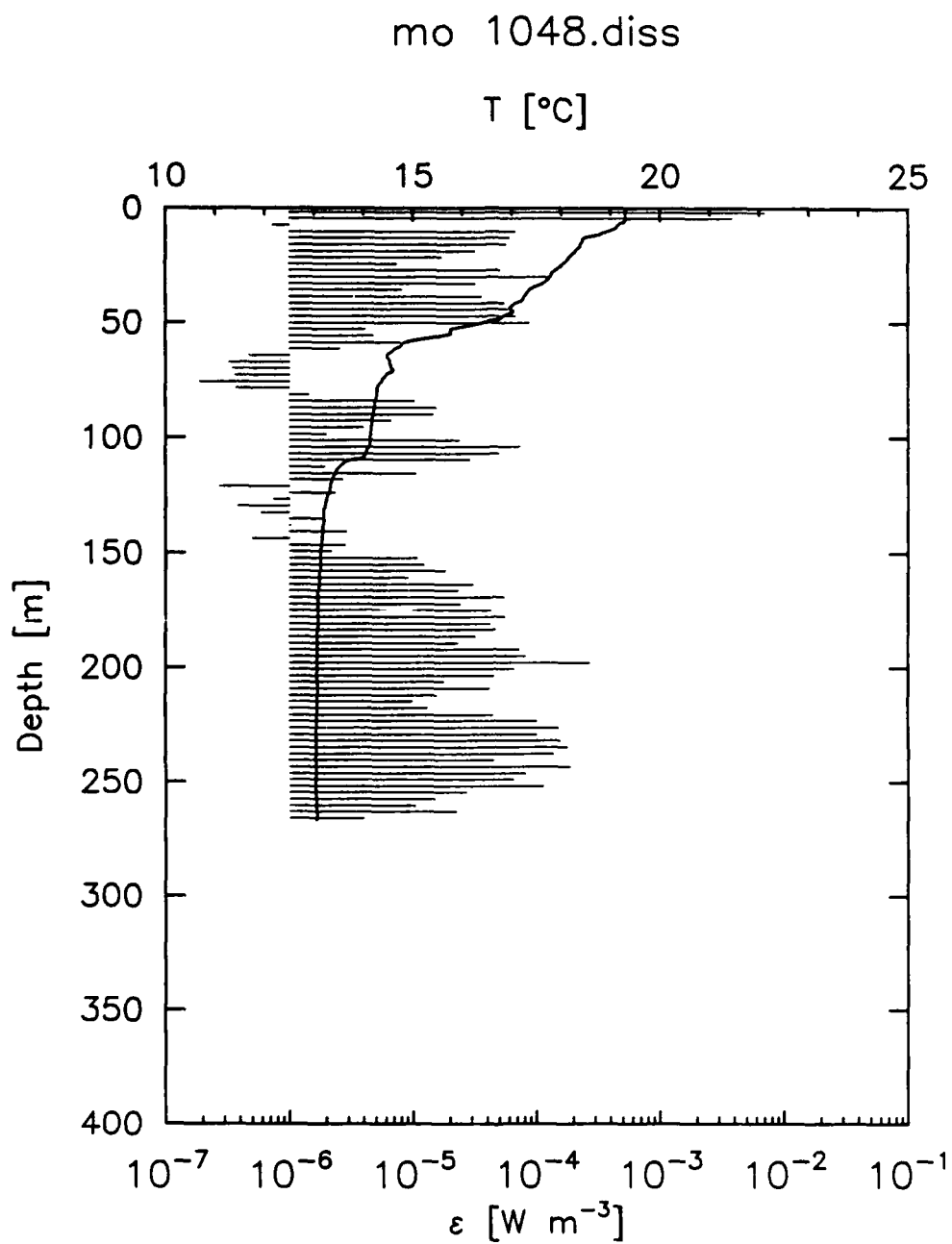
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2	27 SEP 1988 10:25 GMT	36 01.02 5 23.45	1061
3	27 SEP 1988 11:40 GMT	35 57.87 5 29.98	1056
4	27 SEP 1988 12:54 GMT	35 56.25 5 36.40	1057
5	27 SEP 1988 13:50 GMT	35 56.29 5 42.51	1071
6	27 SEP 1988 14:29 GMT	35 55.38 5 45.16	1054
6	27 SEP 1988 14:35 GMT	35 55.48 5 45.14	1063
8	27 SEP 1988 17:23 GMT	35 51.19 5 59.52	1055
10	27 SEP 1988 19:58 GMT	35 49.15 6 11.27	1072



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.

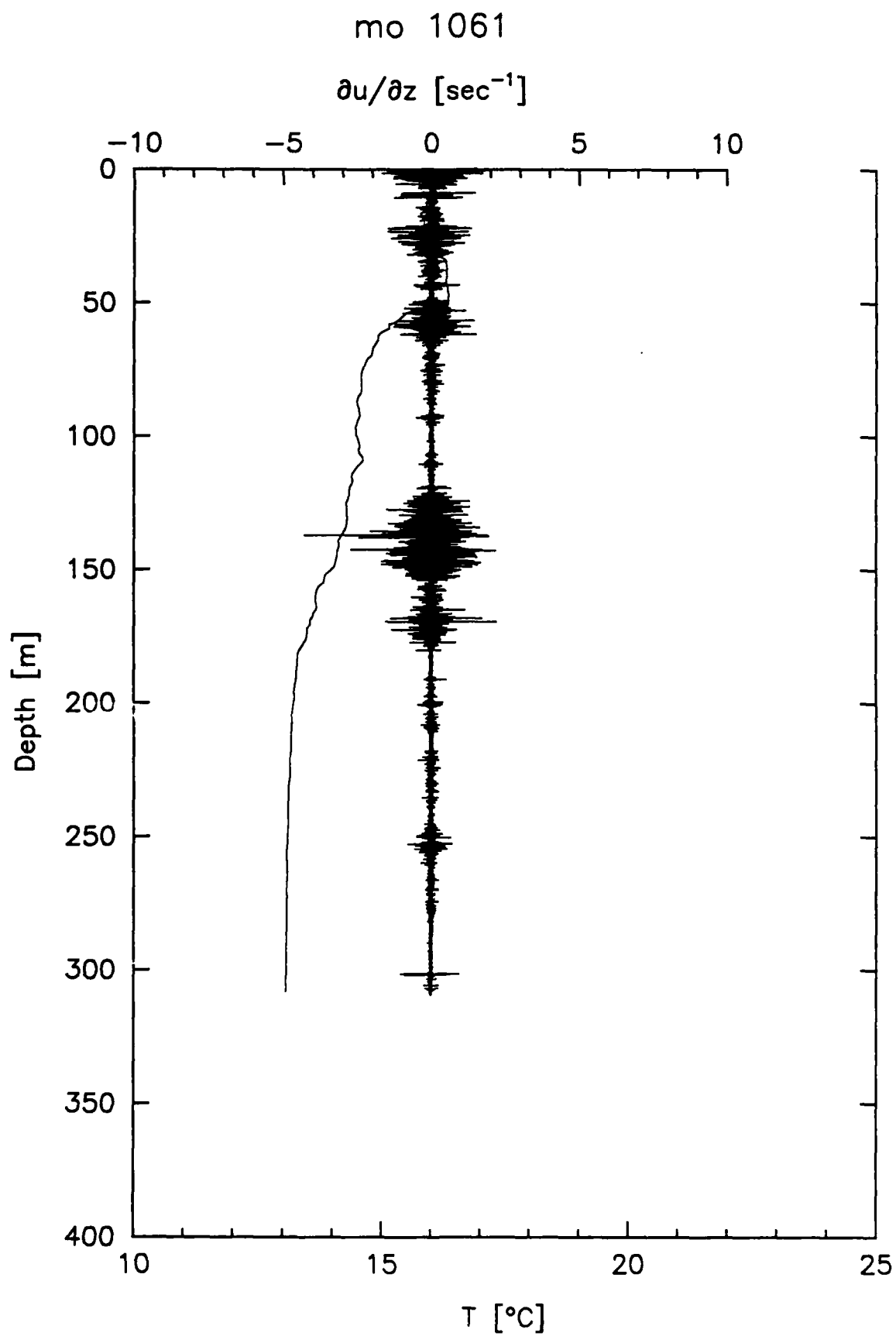


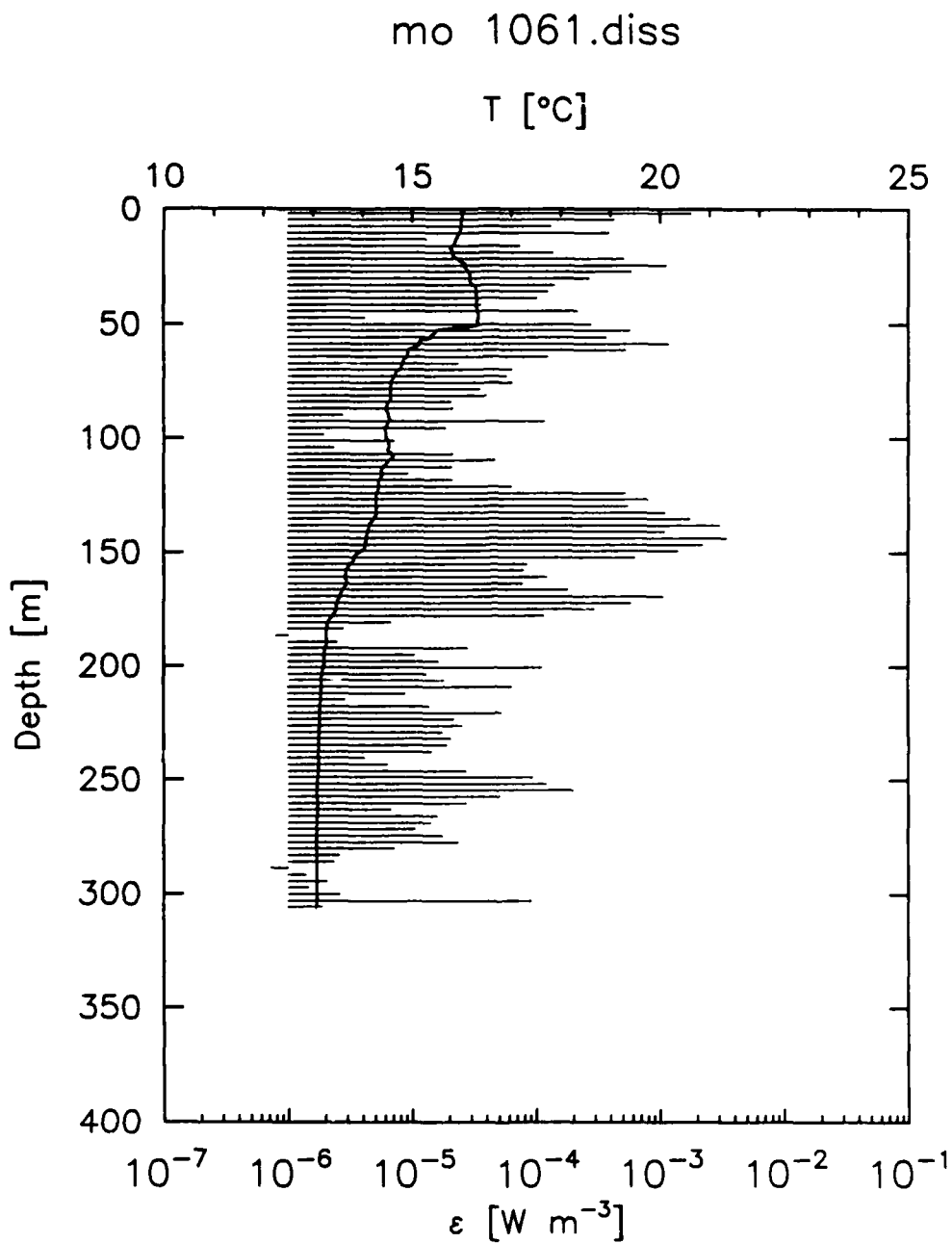
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27 SEP 1988 08:26 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

1048 XDP
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 19882710826 27 SEP 1988 08:26 GMT
 19890572143 27 FEB 1989 21:43 GMT Digitized
 36 01.02 5 17.74 Lat/Lon
 840 Depth (m)
 1024 Sampling Rate
 0.2080 S P Sensitivity
 high Gain
 447 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.84 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	19.3	0.70E-02	0.13E-01	157.6	13.1	0.18E-04	0.20E-04
4.3	19.3	0.38E-02	0.63E-02	160.5	13.1	0.91E-05	0.96E-05
7.1	19.2	0.73E-06	0.74E-06	163.3	13.1	0.31E-04	0.33E-04
9.9	19.0	0.66E-04	0.75E-04	166.1	13.1	0.23E-04	0.25E-04
12.8	18.5	0.60E-04	0.68E-04	169.0	13.1	0.54E-04	0.60E-04
15.6	18.4	0.57E-04	0.63E-04	171.8	13.1	0.24E-04	0.26E-04
18.5	18.3	0.32E-04	0.35E-04	174.7	13.1	0.42E-04	0.46E-04
21.3	18.2	0.17E-04	0.18E-04	177.5	13.1	0.55E-04	0.61E-04
24.1	18.1	0.74E-05	0.78E-05	180.3	13.1	0.41E-04	0.46E-04
27.0	17.9	0.51E-04	0.56E-04	183.2	13.1	0.46E-04	0.51E-04
29.8	17.8	0.13E-03	0.15E-03	186.0	13.1	0.32E-04	0.35E-04
32.7	17.6	0.32E-04	0.35E-04	188.9	13.1	0.23E-04	0.25E-04
35.5	17.4	0.82E-05	0.86E-05	191.7	13.1	0.72E-04	0.81E-04
38.3	17.3	0.36E-04	0.40E-04	194.5	13.1	0.81E-04	0.91E-04
41.2	17.1	0.54E-04	0.60E-04	197.4	13.1	0.27E-03	0.32E-03
44.0	17.0	0.58E-04	0.65E-04	200.2	13.1	0.65E-04	0.73E-04
46.9	16.9	0.67E-04	0.75E-04	203.1	13.1	0.45E-04	0.49E-04
49.7	16.5	0.87E-04	0.98E-04	205.9	13.1	0.18E-04	0.19E-04
52.5	15.9	0.41E-05	0.43E-05	208.7	13.1	0.41E-04	0.46E-04
55.4	15.6	0.48E-05	0.50E-05	211.6	13.1	0.16E-04	0.17E-04
58.2	14.9	0.80E-05	0.84E-05	214.4	13.1	0.99E-05	0.10E-04
61.1	14.7	0.26E-05	0.26E-05	217.3	13.1	0.13E-04	0.14E-04
63.9	14.5	0.47E-06	0.48E-06	220.1	13.1	0.44E-04	0.49E-04
66.7	14.5	0.32E-06	0.33E-06	222.9	13.1	0.10E-03	0.11E-03
69.6	14.6	0.35E-06	0.35E-06	225.8	13.0	0.15E-03	0.17E-03
72.4	14.5	0.36E-06	0.37E-06	228.6	13.0	0.10E-03	0.11E-03
75.3	14.4	0.19E-06	0.19E-06	231.5	13.0	0.15E-03	0.18E-03
78.1	14.3	0.37E-06	0.38E-06	234.3	13.0	0.18E-03	0.20E-03
80.9	14.3	0.14E-05	0.15E-05	237.1	13.0	0.14E-03	0.16E-03
83.8	14.2	0.10E-04	0.11E-04	240.0	13.0	0.45E-04	0.49E-04
86.6	14.2	0.15E-04	0.16E-04	242.8	13.0	0.19E-03	0.22E-03
89.5	14.2	0.15E-04	0.15E-04	245.7	13.0	0.82E-04	0.92E-04
92.3	14.2	0.66E-05	0.69E-05	248.5	13.0	0.65E-04	0.73E-04
95.1	14.2	0.39E-05	0.41E-05	251.3	13.0	0.11E-03	0.13E-03
98.0	14.1	0.20E-05	0.20E-05	254.2	13.0	0.27E-04	0.29E-04
100.8	14.1	0.23E-04	0.25E-04	257.0	13.0	0.15E-04	0.16E-04
103.7	14.1	0.72E-04	0.81E-04	259.9	13.0	0.10E-04	0.11E-04
106.5	14.0	0.49E-04	0.54E-04	262.7	13.0	0.22E-04	0.24E-04
109.3	13.8	0.29E-04	0.31E-04	265.5	13.1	0.39E-05	0.41E-05
112.2	13.5	0.19E-05	0.20E-05				
115.0	13.4	0.10E-04	0.11E-04				
117.9	13.4	0.27E-05	0.28E-05				
120.7	13.3	0.27E-06	0.28E-06				
123.5	13.3	0.23E-05	0.24E-05				
126.4	13.3	0.74E-06	0.75E-06				
129.2	13.2	0.38E-06	0.38E-06				
132.1	13.2	0.60E-06	0.61E-06				
134.9	13.2	0.19E-05	0.19E-05				
137.7	13.2	0.10E-05	0.10E-05				
140.6	13.2	0.29E-05	0.30E-05				
143.4	13.2	0.50E-06	0.51E-06				
146.3	13.1	0.28E-05	0.29E-05				
149.1	13.1	0.22E-05	0.22E-05				
151.9	13.1	0.11E-04	0.11E-04				
154.8	13.1	0.12E-04	0.13E-04				

Bottom Salinity = 38.434

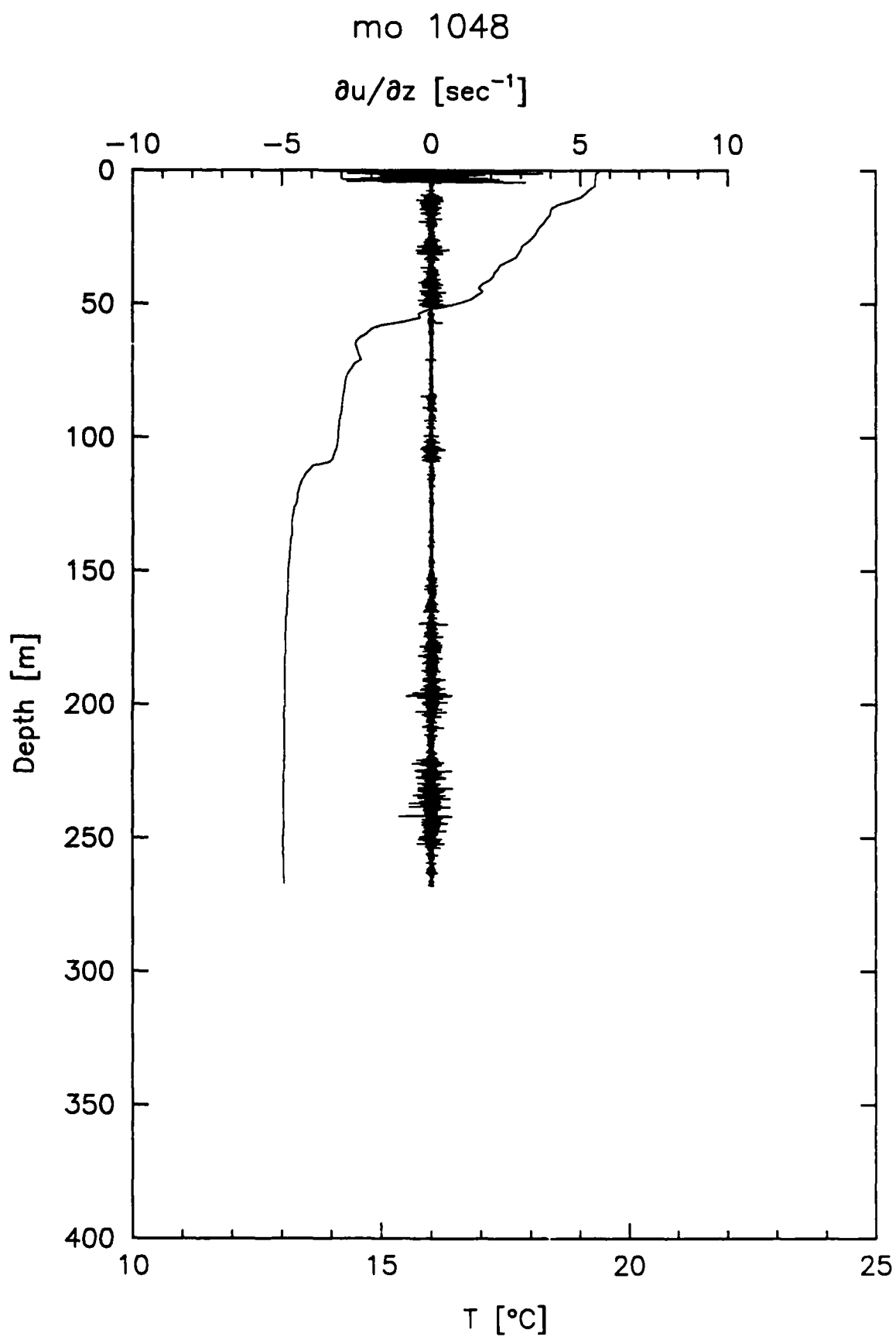




36 01.02 5 23.45 Lat/Lon
27 SEP 1988 10:25 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

SECTION I

Station -----	Time -----	Location -----	XDP ---
1	27 SEP 1988 08:26 GMT	36 01.02 5 17.74	1048
2	27 SEP 1988 10:25 GMT	36 01.02 5 23.45	1061
3	27 SEP 1988 11:40 GMT	35 57.87 5 29.98	1056
4	27 SEP 1988 12:54 GMT	35 56.25 5 36.40	1057
5	27 SEP 1988 13:50 GMT	35 56.29 5 42.51	1071
6	27 SEP 1988 14:29 GMT	35 55.38 5 45.16	1054
6	27 SEP 1988 14:35 GMT	35 55.48 5 45.14	1063
8	27 SEP 1988 17:23 GMT	35 51.19 5 59.52	1055
10	27 SEP 1988 19:58 GMT	35 49.15 6 11.27	1072



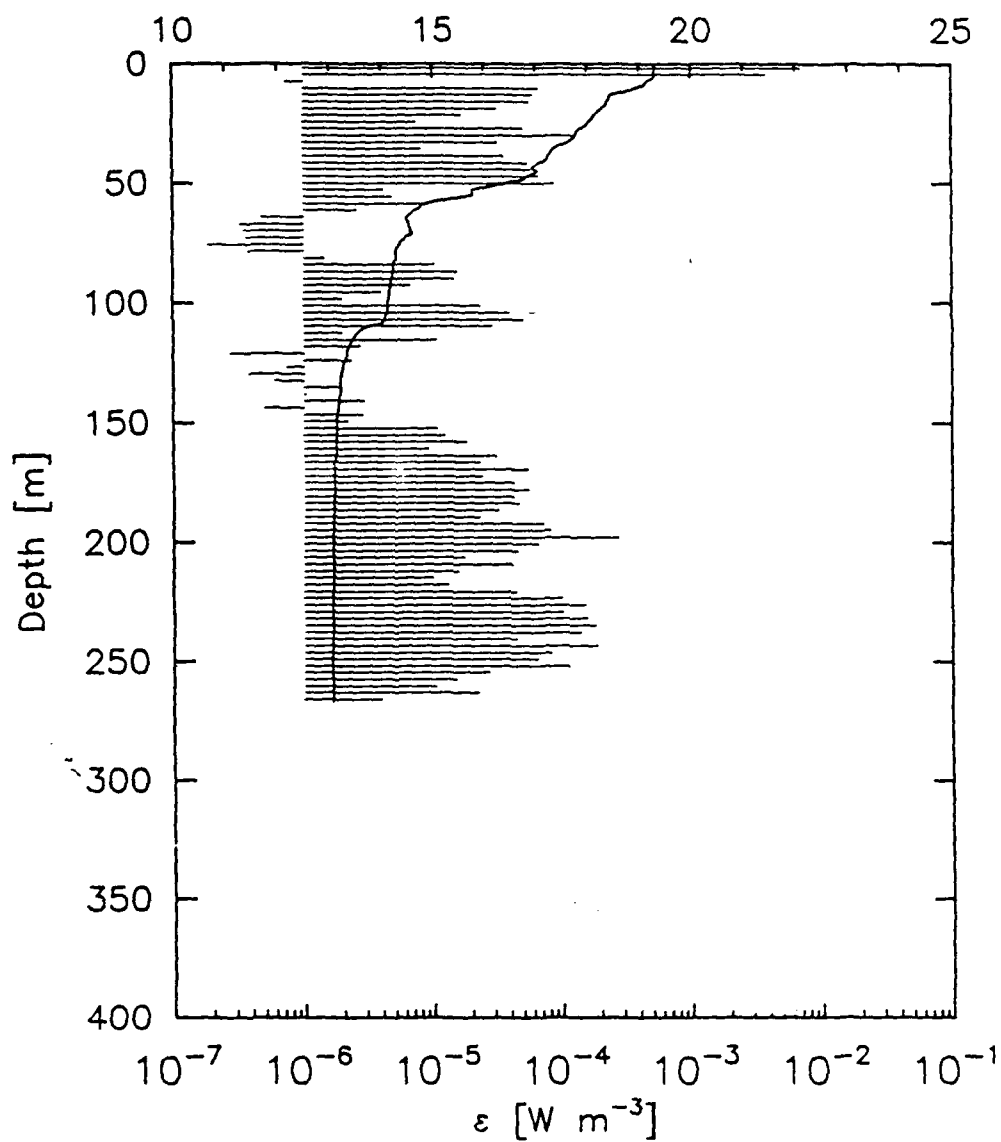
shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.

mo 1048.diss

$T [^{\circ}\text{C}]$

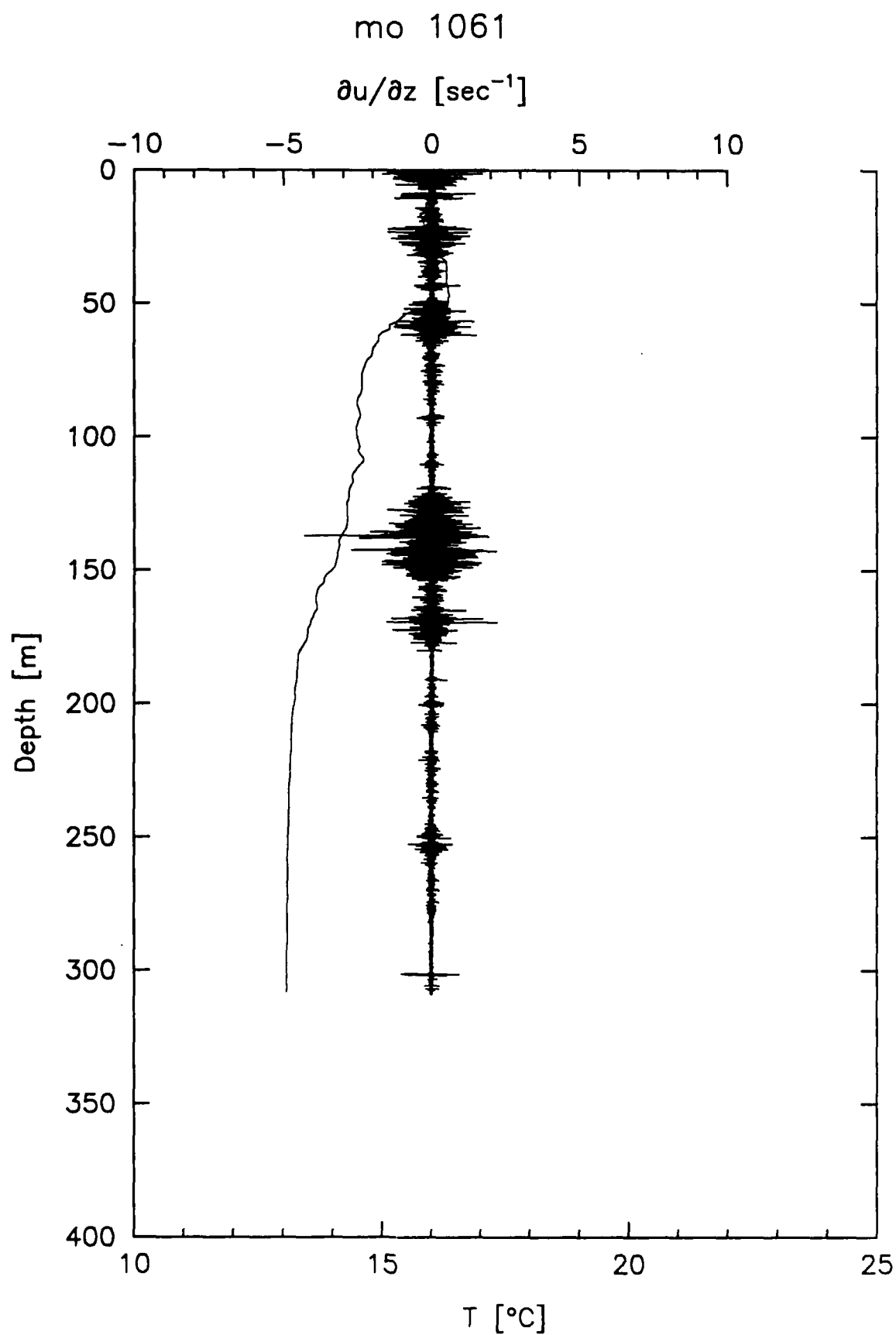


36 01.02 5 17.74 Lat/Lon
27 SEP 1988 08:26 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

1048 XDP
 1 Site Number
 19882710826 27 SEP 1988 08:26 GMT
 19890572143 27 FEB 1989 21:43 GMT Digitized
 36 01.02 5 17.74 Lat/Lon
 840 Depth (m)
 1024 Sampling Rate
 0.2080 S P Sensitivity
 high Gain
 447 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.84 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	19.3	0.70E-02	0.13E-01	157.6	13.1	0.18E-04	0.20E-04
4.3	19.3	0.38E-02	0.63E-02	160.5	13.1	0.91E-05	0.96E-05
7.1	19.2	0.73E-06	0.74E-06	163.3	13.1	0.31E-04	0.33E-04
9.9	19.0	0.66E-04	0.75E-04	166.1	13.1	0.23E-04	0.25E-04
12.8	18.5	0.60E-04	0.68E-04	169.0	13.1	0.54E-04	0.60E-04
15.6	18.4	0.57E-04	0.63E-04	171.8	13.1	0.24E-04	0.26E-04
18.5	18.3	0.32E-04	0.35E-04	174.7	13.1	0.42E-04	0.46E-04
21.3	18.2	0.17E-04	0.18E-04	177.5	13.1	0.55E-04	0.61E-04
24.1	18.1	0.74E-05	0.78E-05	180.3	13.1	0.41E-04	0.46E-04
27.0	17.9	0.51E-04	0.56E-04	183.2	13.1	0.46E-04	0.51E-04
29.8	17.8	0.13E-03	0.15E-03	186.0	13.1	0.32E-04	0.35E-04
32.7	17.6	0.32E-04	0.35E-04	188.9	13.1	0.23E-04	0.25E-04
35.5	17.4	0.82E-05	0.86E-05	191.7	13.1	0.72E-04	0.81E-04
38.3	17.3	0.36E-04	0.40E-04	194.5	13.1	0.81E-04	0.91E-04
41.2	17.1	0.54E-04	0.60E-04	197.4	13.1	0.27E-03	0.32E-03
44.0	17.0	0.58E-04	0.65E-04	200.2	13.1	0.65E-04	0.73E-04
46.9	16.9	0.67E-04	0.75E-04	203.1	13.1	0.45E-04	0.49E-04
49.7	16.5	0.87E-04	0.98E-04	205.9	13.1	0.18E-04	0.19E-04
52.5	15.9	0.41E-05	0.43E-05	208.7	13.1	0.41E-04	0.46E-04
55.4	15.6	0.48E-05	0.50E-05	211.6	13.1	0.16E-04	0.17E-04
58.2	14.9	0.80E-05	0.84E-05	214.4	13.1	0.99E-05	0.10E-04
61.1	14.7	0.26E-05	0.26E-05	217.3	13.1	0.13E-04	0.14E-04
63.9	14.5	0.47E-06	0.48E-06	220.1	13.1	0.44E-04	0.49E-04
66.7	14.5	0.32E-06	0.33E-06	222.9	13.1	0.10E-03	0.11E-03
69.6	14.6	0.35E-06	0.35E-06	225.8	13.0	0.15E-03	0.17E-03
72.4	14.5	0.36E-06	0.37E-06	228.6	13.0	0.10E-03	0.11E-03
75.3	14.4	0.19E-06	0.19E-06	231.5	13.0	0.15E-03	0.18E-03
78.1	14.3	0.37E-06	0.38E-06	234.3	13.0	0.18E-03	0.20E-03
80.9	14.3	0.14E-05	0.15E-05	237.1	13.0	0.14E-03	0.16E-03
83.8	14.2	0.10E-04	0.11E-04	240.0	13.0	0.45E-04	0.49E-04
86.6	14.2	0.15E-04	0.16E-04	242.8	13.0	0.19E-03	0.22E-03
89.5	14.2	0.15E-04	0.15E-04	245.7	13.0	0.82E-04	0.92E-04
92.3	14.2	0.66E-05	0.69E-05	248.5	13.0	0.65E-04	0.73E-04
95.1	14.2	0.39E-05	0.41E-05	251.3	13.0	0.11E-03	0.13E-03
98.0	14.1	0.20E-05	0.20E-05	254.2	13.0	0.27E-04	0.29E-04
100.8	14.1	0.23E-04	0.25E-04	257.0	13.0	0.15E-04	0.16E-04
103.7	14.1	0.72E-04	0.81E-04	259.9	13.0	0.10E-04	0.11E-04
106.5	14.0	0.49E-04	0.54E-04	262.7	13.0	0.22E-04	0.24E-04
109.3	13.8	0.29E-04	0.31E-04	265.5	13.1	0.39E-05	0.41E-05
112.2	13.5	0.19E-05	0.20E-05				
115.0	13.4	0.10E-04	0.11E-04				
117.9	13.4	0.27E-05	0.28E-05				
120.7	13.3	0.27E-06	0.28E-06				
123.5	13.3	0.23E-05	0.24E-05				
126.4	13.3	0.74E-06	0.75E-06				
129.2	13.2	0.38E-06	0.38E-06				
132.1	13.2	0.60E-06	0.61E-06				
134.9	13.2	0.19E-05	0.19E-05				
137.7	13.2	0.10E-05	0.10E-05				
140.6	13.2	0.29E-05	0.30E-05				
143.4	13.2	0.50E-06	0.51E-06				
146.3	13.1	0.28E-05	0.29E-05				
149.1	13.1	0.22E-05	0.22E-05				
151.9	13.1	0.11E-04	0.11E-04				
154.8	13.1	0.12E-04	0.13E-04				

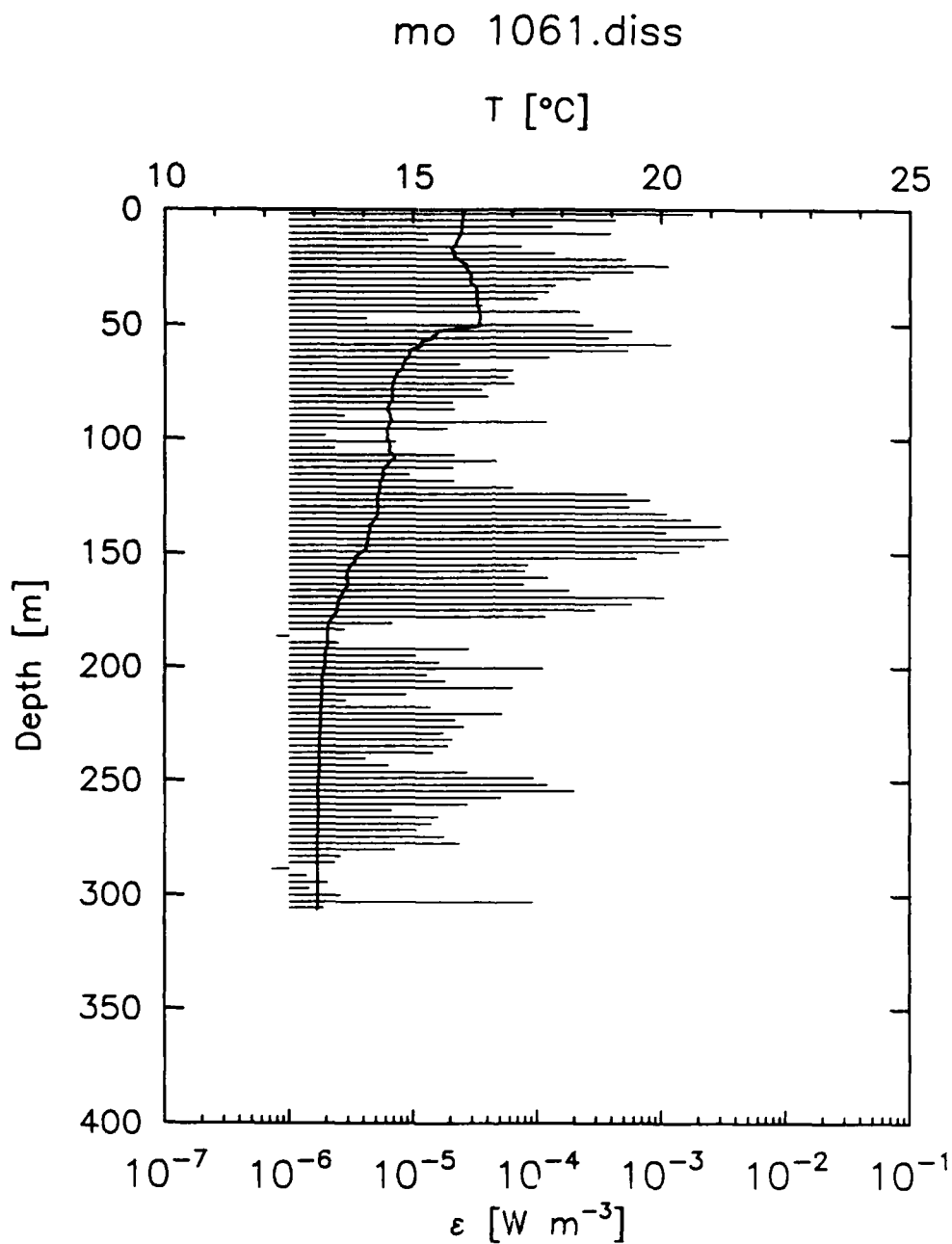
Bottom Salinity = 38.434



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.

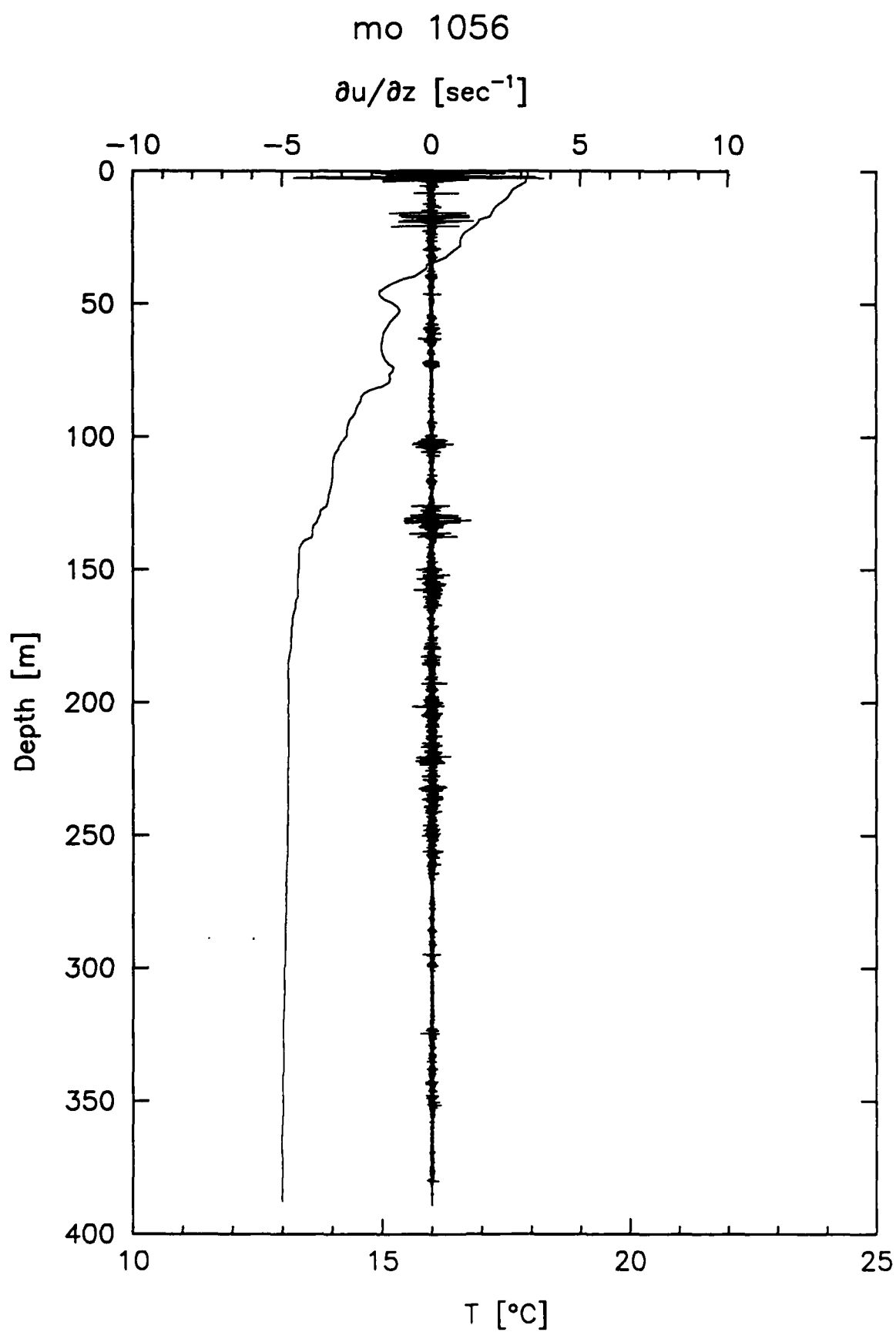


36 01.02 5 23.45 Lat/Lon
 27 SEP 1988 10:25 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

1061 XDP
 2 Site Number
 19882711025 27 SEP 1988 10:25 GMT
 19890581414 28 FEB 1989 14:14 GMT Digitized
 36 01.02 5 23.45 Lat/Lon
 940 Depth (m)
 1024 Sampling Rate
 0.3800 S P Sensitivity
 high Gain
 441 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.84 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	16.0	0.18E-02	0.27E-02	157.6	13.7	0.79E-04	0.89E-04
4.3	16.0	0.42E-03	0.53E-03	160.5	13.7	0.12E-03	0.14E-03
7.1	16.0	0.13E-03	0.15E-03	163.3	13.7	0.78E-04	0.88E-04
9.9	16.0	0.39E-03	0.49E-03	166.1	13.6	0.18E-03	0.21E-03
12.8	15.9	0.13E-04	0.14E-04	169.0	13.5	0.11E-02	0.15E-02
15.6	15.8	0.74E-04	0.83E-04	171.8	13.5	0.58E-03	0.76E-03
18.5	15.8	0.14E-03	0.16E-03	174.7	13.5	0.30E-03	0.35E-03
21.3	15.9	0.51E-03	0.64E-03	177.5	13.4	0.12E-03	0.13E-03
24.1	16.1	0.11E-02	0.16E-02	180.3	13.3	0.68E-05	0.71E-05
27.0	16.1	0.59E-03	0.78E-03	183.2	13.3	0.28E-05	0.29E-05
29.8	16.2	0.27E-03	0.32E-03	186.0	13.3	0.80E-06	0.81E-06
32.7	16.2	0.14E-03	0.16E-03	188.9	13.3	0.25E-05	0.25E-05
35.5	16.3	0.12E-03	0.14E-03	191.7	13.3	0.28E-04	0.30E-04
38.3	16.3	0.10E-03	0.12E-03	194.5	13.2	0.11E-04	0.11E-04
41.2	16.3	0.36E-04	0.39E-04	197.4	13.2	0.16E-04	0.17E-04
44.0	16.3	0.22E-03	0.26E-03	200.2	13.2	0.11E-03	0.13E-03
46.9	16.3	0.42E-05	0.43E-05	203.1	13.2	0.13E-04	0.14E-04
49.7	16.3	0.28E-03	0.33E-03	205.9	13.2	0.18E-04	0.20E-04
52.5	15.7	0.58E-03	0.76E-03	208.7	13.2	0.64E-04	0.72E-04
55.4	15.4	0.37E-03	0.46E-03	211.6	13.2	0.89E-05	0.93E-05
58.2	15.2	0.12E-02	0.17E-02	214.4	13.2	0.29E-05	0.30E-05
61.1	15.0	0.53E-03	0.67E-03	217.3	13.1	0.14E-04	0.15E-04
63.9	14.9	0.12E-03	0.14E-03	220.1	13.1	0.52E-04	0.58E-04
66.7	14.8	0.24E-04	0.25E-04	222.9	13.1	0.22E-04	0.24E-04
69.6	14.8	0.64E-04	0.72E-04	225.8	13.1	0.26E-04	0.28E-04
72.4	14.7	0.58E-04	0.65E-04	228.6	13.1	0.18E-04	0.19E-04
75.3	14.6	0.64E-04	0.72E-04	231.5	13.1	0.21E-04	0.22E-04
78.1	14.6	0.35E-04	0.39E-04	234.3	13.1	0.19E-04	0.20E-04
80.9	14.6	0.40E-04	0.44E-04	237.1	13.1	0.15E-04	0.15E-04
83.8	14.5	0.21E-04	0.22E-04	240.0	13.1	0.41E-05	0.43E-05
86.6	14.5	0.21E-04	0.23E-04	242.8	13.1	0.63E-05	0.66E-05
89.5	14.5	0.28E-05	0.28E-05	245.7	13.1	0.27E-04	0.29E-04
92.3	14.5	0.12E-03	0.14E-03	248.5	13.1	0.93E-04	0.10E-03
95.1	14.5	0.19E-04	0.20E-04	251.3	13.1	0.12E-03	0.14E-03
98.0	14.5	0.19E-05	0.20E-05	254.2	13.1	0.20E-03	0.24E-03
100.8	14.5	0.71E-05	0.75E-05	257.0	13.1	0.51E-04	0.56E-04
103.7	14.5	0.23E-05	0.24E-05	259.9	13.1	0.27E-04	0.29E-04
106.5	14.6	0.21E-04	0.23E-04	262.7	13.1	0.67E-05	0.70E-05
109.3	14.6	0.47E-04	0.52E-04	265.5	13.1	0.16E-04	0.17E-04
112.2	14.4	0.21E-04	0.22E-04	268.4	13.1	0.14E-04	0.15E-04
115.0	14.4	0.93E-05	0.97E-05	271.2	13.1	0.11E-04	0.11E-04
117.9	14.4	0.21E-04	0.23E-04	274.1	13.1	0.18E-04	0.19E-04
120.7	14.3	0.63E-04	0.71E-04	276.9	13.1	0.24E-04	0.25E-04
123.5	14.3	0.53E-03	0.66E-03	279.7	13.1	0.72E-05	0.76E-05
126.4	14.3	0.80E-03	0.11E-02	282.6	13.1	0.26E-05	0.27E-05
129.2	14.3	0.55E-03	0.72E-03	285.4	13.1	0.23E-05	0.24E-05
132.1	14.3	0.11E-02	0.16E-02	288.3	13.1	0.72E-06	0.74E-06
134.9	14.2	0.17E-02	0.26E-02	291.1	13.1	0.14E-05	0.14E-05
137.7	14.1	0.30E-02	0.50E-02	293.9	13.1	0.20E-05	0.21E-05
140.6	14.1	0.11E-02	0.15E-02	296.8	13.1	0.15E-05	0.15E-05
143.4	14.1	0.35E-02	0.57E-02	299.6	13.1	0.26E-05	0.27E-05
146.3	14.1	0.22E-02	0.34E-02	302.5	13.1	0.92E-04	0.10E-03
149.1	14.0	0.14E-02	0.20E-02	305.3	13.1	0.19E-05	0.19E-05
151.9	13.8	0.63E-03	0.83E-03				
154.8	13.8	0.85E-04	0.95E-04				

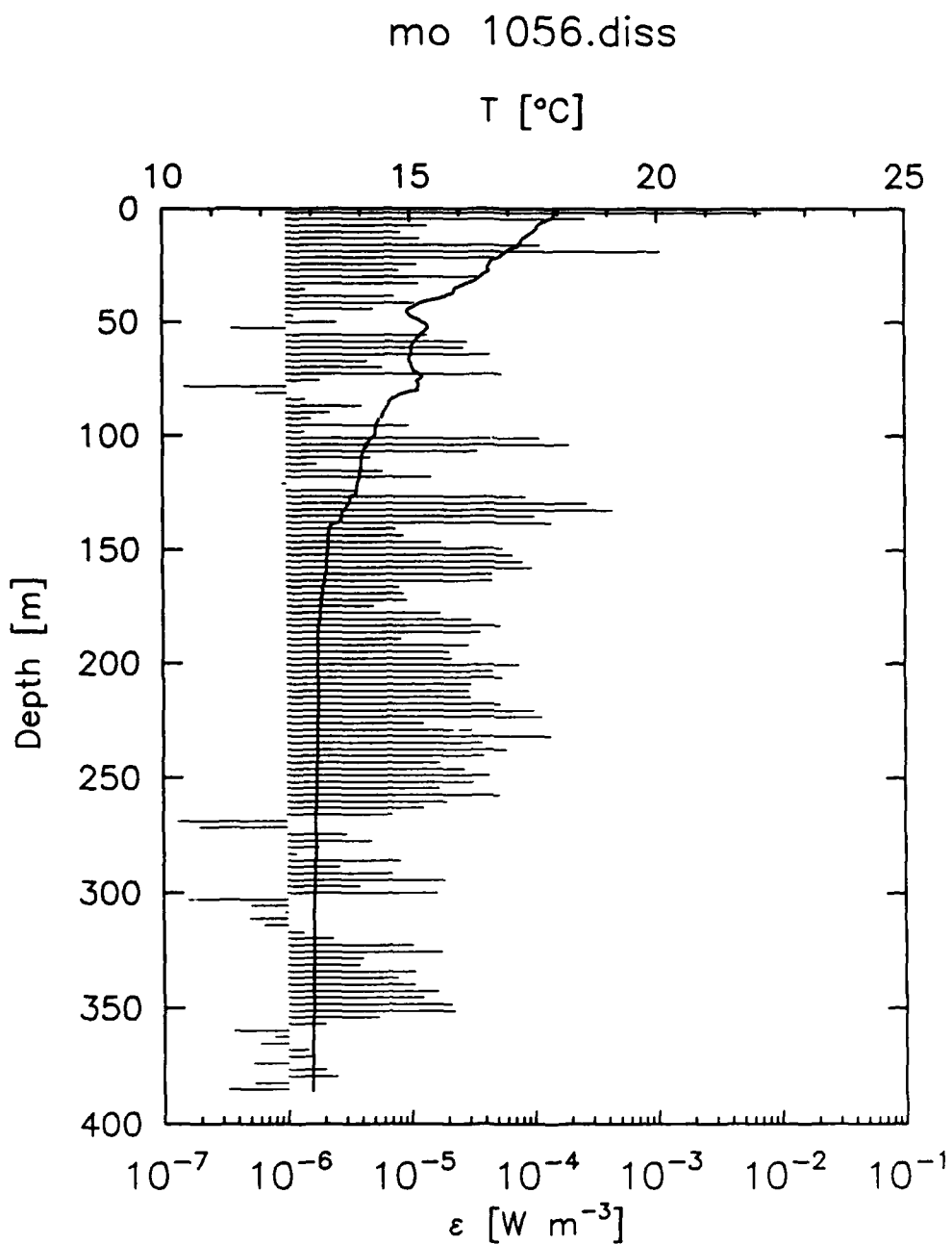
Bottom Salinity = 38.433



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.



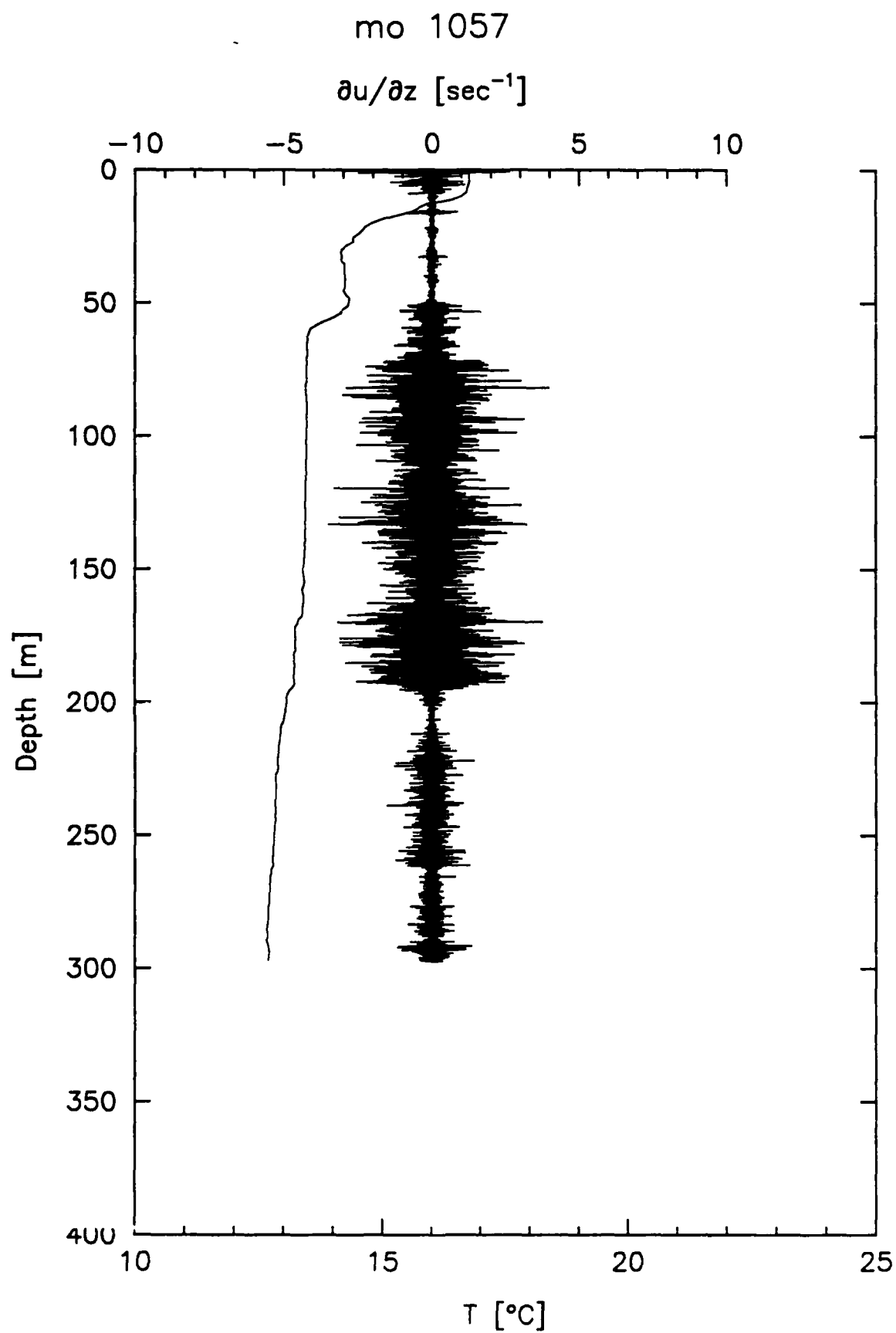
35 57.87 5 29.98 Lat/Lon
 27 SEP 1988 11:40 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

1056 XDP
 3 Site Number
 19882711140 27 SEP 1988 11:40 GMT
 19890581424 28 FEB 1989 14:24 GMT Digitized
 35 57.87 5 29.98 Lat/Lon
 900 Depth (m)
 1024 Sampling Rate
 0.2460 S P Sensitivity
 high Gain
 447 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.84 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	17.9	0.71E-02	0.13E-01	157.6	13.3	0.96E-04	0.11E-03
4.3	17.8	0.26E-03	0.31E-03	160.5	13.3	0.45E-04	0.50E-04
7.1	17.6	0.14E-04	0.15E-04	163.3	13.3	0.46E-04	0.51E-04
9.9	17.5	0.84E-05	0.88E-05	166.1	13.2	0.82E-05	0.86E-05
12.8	17.3	0.12E-04	0.13E-04	169.0	13.2	0.87E-05	0.92E-05
15.6	17.2	0.11E-03	0.13E-03	171.8	13.2	0.92E-05	0.97E-05
18.5	17.0	0.10E-02	0.15E-02	174.7	13.2	0.50E-05	0.52E-05
21.3	16.8	0.50E-04	0.55E-04	177.5	13.2	0.17E-04	0.19E-04
24.1	16.6	0.11E-04	0.12E-04	180.3	13.2	0.31E-04	0.33E-04
27.0	16.6	0.81E-05	0.86E-05	183.2	13.1	0.53E-04	0.58E-04
29.8	16.4	0.35E-04	0.39E-04	186.0	13.1	0.37E-04	0.40E-04
32.7	16.2	0.12E-04	0.13E-04	188.9	13.1	0.83E-05	0.87E-05
35.5	15.9	0.14E-05	0.15E-05	191.7	13.1	0.29E-04	0.32E-04
38.3	15.8	0.74E-05	0.78E-05	194.5	13.1	0.20E-04	0.22E-04
41.2	15.3	0.11E-04	0.12E-04	197.4	13.1	0.21E-04	0.23E-04
44.0	15.0	0.50E-05	0.53E-05	200.2	13.1	0.75E-04	0.85E-04
46.9	15.0	0.11E-05	0.12E-05	203.1	13.1	0.46E-04	0.51E-04
49.7	15.2	0.26E-05	0.27E-05	205.9	13.1	0.54E-04	0.60E-04
52.5	15.4	0.36E-06	0.37E-06	208.7	13.1	0.30E-04	0.33E-04
55.4	15.2	0.14E-04	0.15E-04	211.6	13.1	0.29E-04	0.32E-04
58.2	15.1	0.29E-04	0.31E-04	214.4	13.1	0.30E-04	0.33E-04
61.1	15.0	0.27E-04	0.29E-04	217.3	13.1	0.52E-04	0.57E-04
63.9	15.0	0.44E-04	0.49E-04	220.1	13.1	0.99E-04	0.11E-03
66.7	15.0	0.45E-05	0.47E-05	222.9	13.1	0.12E-03	0.13E-03
69.6	15.1	0.60E-05	0.63E-05	225.8	13.1	0.13E-04	0.13E-04
72.4	15.2	0.56E-04	0.61E-04	228.6	13.1	0.31E-04	0.33E-04
75.3	15.2	0.19E-05	0.19E-05	231.5	13.1	0.14E-03	0.16E-03
78.1	15.2	0.15E-06	0.15E-06	234.3	13.1	0.38E-04	0.42E-04
80.9	15.0	0.57E-06	0.58E-06	237.1	13.1	0.59E-04	0.66E-04
83.8	14.6	0.14E-05	0.14E-05	240.0	13.1	0.39E-04	0.42E-04
86.6	14.6	0.41E-05	0.43E-05	242.8	13.1	0.17E-04	0.18E-04
89.5	14.5	0.23E-05	0.23E-05	245.7	13.1	0.27E-04	0.29E-04
92.3	14.4	0.16E-05	0.16E-05	248.5	13.1	0.43E-04	0.47E-04
95.1	14.3	0.98E-05	0.10E-04	251.3	13.1	0.32E-04	0.35E-04
98.0	14.3	0.14E-05	0.14E-05	254.2	13.1	0.17E-04	0.18E-04
100.8	14.2	0.11E-03	0.13E-03	257.0	13.1	0.52E-04	0.57E-04
103.7	14.1	0.19E-03	0.23E-03	259.9	13.1	0.20E-04	0.21E-04
106.5	14.1	0.35E-04	0.38E-04	262.7	13.1	0.13E-04	0.13E-04
109.3	14.0	0.48E-05	0.50E-05	265.5	13.1	0.71E-05	0.75E-05
112.2	14.0	0.18E-05	0.18E-05	268.4	13.1	0.13E-06	0.13E-06
115.0	14.0	0.60E-05	0.63E-05	271.2	13.1	0.20E-06	0.20E-06
117.9	14.0	0.15E-04	0.16E-04	274.1	13.1	0.30E-05	0.31E-05
120.7	13.9	0.93E-06	0.95E-06	276.9	13.1	0.48E-05	0.50E-05
123.5	13.9	0.37E-05	0.38E-05	279.7	13.1	0.18E-05	0.18E-05
126.4	13.8	0.85E-04	0.95E-04	282.6	13.1	0.12E-05	0.12E-05
129.2	13.8	0.27E-03	0.32E-03	285.4	13.1	0.81E-05	0.86E-05
132.1	13.7	0.44E-03	0.55E-03	288.3	13.1	0.26E-05	0.27E-05
134.9	13.6	0.10E-03	0.12E-03	291.1	13.1	0.70E-05	0.74E-05
137.7	13.5	0.14E-03	0.16E-03	293.9	13.1	0.19E-04	0.20E-04
140.6	13.4	0.76E-05	0.80E-05	296.8	13.1	0.38E-05	0.40E-05
143.4	13.3	0.88E-05	0.93E-05	299.6	13.0	0.16E-04	0.17E-04
146.3	13.3	0.18E-04	0.19E-04	302.5	13.0	0.16E-06	0.16E-06
149.1	13.3	0.56E-04	0.61E-04	305.3	13.0	0.51E-06	0.52E-06
151.9	13.3	0.67E-04	0.75E-04	308.1	13.0	0.95E-06	0.97E-06
154.8	13.3	0.82E-04	0.92E-04	311.0	13.0	0.50E-06	0.51E-06

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
313.8	13.0	0.65E-06	0.66E-06
316.7	13.0	0.13E-05	0.14E-05
319.5	13.0	0.23E-05	0.24E-05
322.3	13.0	0.10E-04	0.11E-04
325.2	13.0	0.18E-04	0.19E-04
328.0	13.0	0.40E-05	0.42E-05
330.9	13.0	0.38E-05	0.40E-05
333.7	13.0	0.11E-04	0.11E-04
336.5	13.0	0.77E-05	0.81E-05
339.4	13.0	0.11E-04	0.11E-04
342.2	13.0	0.16E-04	0.18E-04
345.1	13.0	0.12E-04	0.13E-04
347.9	13.0	0.21E-04	0.22E-04
350.7	13.0	0.22E-04	0.24E-04
353.6	13.0	0.55E-05	0.57E-05
356.4	13.0	0.20E-05	0.20E-05
359.3	13.0	0.36E-06	0.37E-06
362.1	13.0	0.77E-06	0.79E-06
364.9	13.0	0.59E-06	0.61E-06
367.8	13.0	0.14E-05	0.15E-05
370.6	13.0	0.16E-05	0.17E-05
373.5	13.0	0.52E-06	0.53E-06
376.3	13.0	0.20E-05	0.21E-05
379.1	13.0	0.25E-05	0.26E-05
382.0	13.0	0.54E-06	0.55E-06
384.8	13.0	0.33E-06	0.33E-06

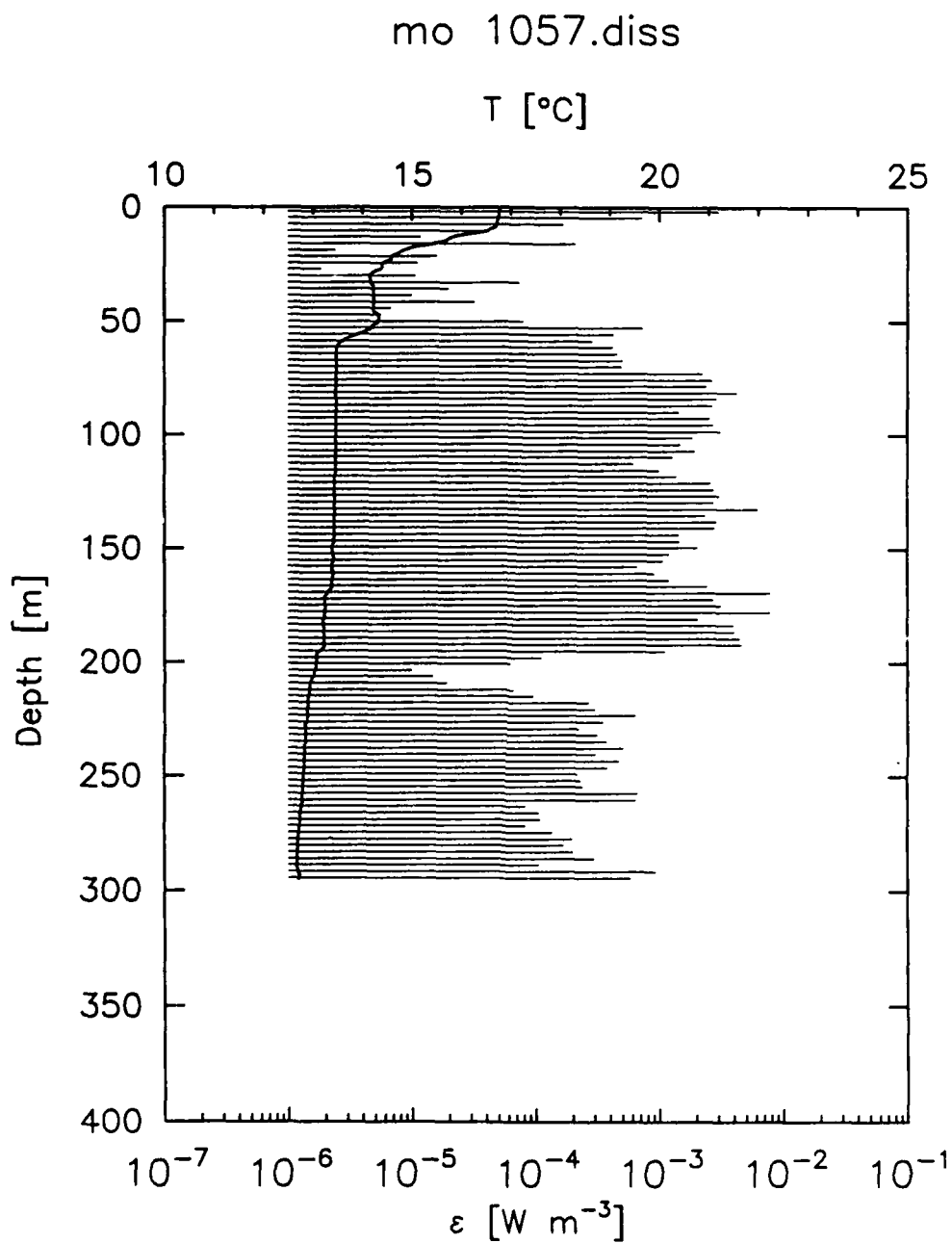
Bottom Salinity = 38.435



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.

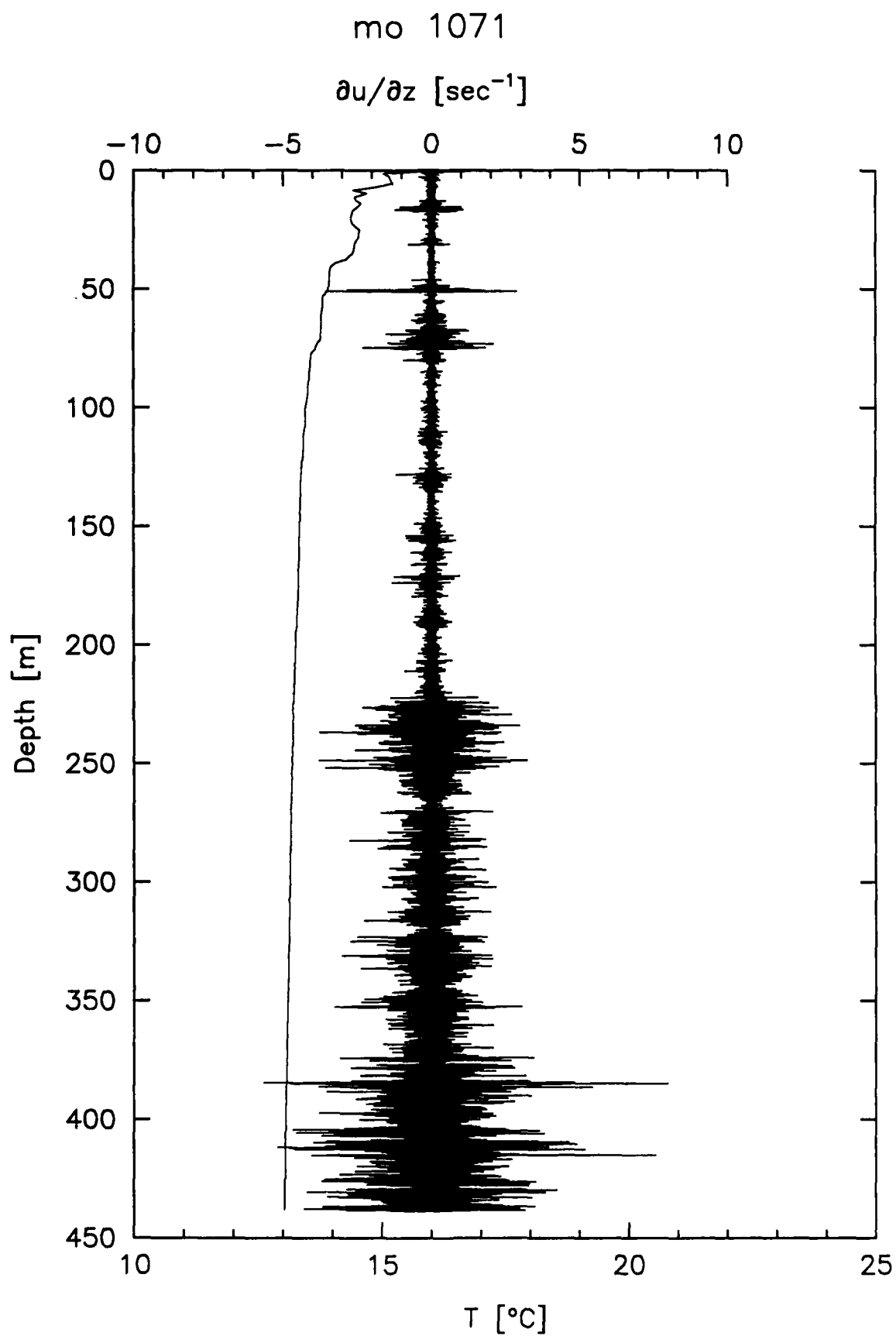


35 56.25 5 36.40 Lat/Lon
 27 SEP 1988 12:54 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

1057 XDP
 4 Site Number
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 35 56.25 5 36.40 Lat/Lon
 620 Depth (m)
 1024 Sampling Rate
 0.4000 S P Sensitivity
 high Gain
 446 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.84 Drop Rate

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	16.8	0.30E-02	0.49E-02	157.6	13.4	0.66E-03	0.86E-03
4.3	16.7	0.72E-03	0.95E-03	160.5	13.4	0.90E-03	0.12E-02
7.1	16.7	0.17E-03	0.19E-03	163.3	13.4	0.12E-02	0.17E-02
9.9	16.5	0.36E-04	0.39E-04	166.1	13.4	0.24E-02	0.36E-02
12.8	15.9	0.12E-04	0.12E-04	169.0	13.3	0.77E-02	0.14E-01
15.6	15.5	0.21E-03	0.25E-03	171.8	13.2	0.27E-02	0.41E-02
18.5	14.9	0.24E-05	0.24E-05	174.7	13.2	0.31E-02	0.51E-02
21.3	14.6	0.16E-04	0.17E-04	177.5	13.2	0.77E-02	0.14E-01
24.1	14.5	0.11E-04	0.12E-04	180.3	13.2	0.20E-02	0.31E-02
27.0	14.4	0.18E-05	0.19E-05	183.2	13.2	0.39E-02	0.65E-02
29.8	14.2	0.11E-04	0.11E-04	186.0	13.2	0.40E-02	0.66E-02
32.7	14.2	0.73E-04	0.83E-04	188.9	13.2	0.44E-02	0.72E-02
35.5	14.2	0.20E-04	0.21E-04	191.7	13.2	0.46E-02	0.83E-02
38.3	14.2	0.99E-05	0.11E-04	194.5	13.2	0.11E-02	0.15E-02
41.2	14.2	0.32E-04	0.35E-04	197.4	13.1	0.11E-03	0.13E-03
44.0	14.2	0.67E-05	0.70E-05	200.2	13.1	0.62E-04	0.69E-04
46.9	14.3	0.55E-05	0.58E-05	203.1	13.0	0.98E-05	0.10E-04
49.7	14.3	0.79E-04	0.88E-04	205.9	13.0	0.14E-04	0.15E-04
52.5	14.2	0.73E-03	0.96E-03	208.7	12.9	0.19E-04	0.20E-04
55.4	13.9	0.42E-03	0.53E-03	211.6	12.9	0.65E-04	0.73E-04
58.2	13.6	0.29E-03	0.34E-03	214.4	12.9	0.95E-04	0.11E-03
61.1	13.5	0.42E-03	0.52E-03	217.3	12.9	0.27E-03	0.32E-03
63.9	13.5	0.45E-03	0.56E-03	220.1	12.9	0.30E-03	0.36E-03
66.7	13.5	0.50E-03	0.63E-03	222.9	12.9	0.63E-03	0.83E-03
69.6	13.5	0.49E-03	0.61E-03	225.8	12.9	0.35E-03	0.43E-03
72.4	13.5	0.22E-02	0.34E-02	228.6	12.8	0.22E-03	0.26E-03
75.3	13.5	0.26E-02	0.40E-02	231.5	12.8	0.31E-03	0.37E-03
78.1	13.5	0.24E-02	0.36E-02	234.3	12.8	0.37E-03	0.46E-03
80.9	13.4	0.42E-02	0.68E-02	237.1	12.8	0.50E-03	0.63E-03
83.8	13.5	0.29E-02	0.47E-02	240.0	12.8	0.30E-03	0.35E-03
86.6	13.5	0.26E-02	0.40E-02	242.8	12.8	0.48E-03	0.59E-03
89.5	13.5	0.14E-02	0.20E-02	245.7	12.8	0.38E-03	0.47E-03
92.3	13.5	0.26E-02	0.39E-02	248.5	12.8	0.22E-03	0.26E-03
95.1	13.5	0.27E-02	0.41E-02	251.3	12.8	0.23E-03	0.27E-03
98.0	13.5	0.31E-02	0.51E-02	254.2	12.8	0.24E-03	0.28E-03
100.8	13.5	0.18E-02	0.28E-02	257.0	12.8	0.66E-03	0.87E-03
103.7	13.5	0.15E-02	0.21E-02	259.9	12.8	0.64E-03	0.84E-03
106.5	13.5	0.19E-02	0.29E-02	262.7	12.8	0.81E-04	0.91E-04
109.3	13.5	0.13E-02	0.18E-02	265.5	12.7	0.10E-03	0.12E-03
112.2	13.4	0.61E-03	0.80E-03	268.4	12.7	0.11E-03	0.12E-03
115.0	13.4	0.98E-03	0.14E-02	271.2	12.7	0.83E-04	0.93E-04
117.9	13.4	0.13E-02	0.19E-02	274.1	12.7	0.13E-03	0.15E-03
120.7	13.4	0.26E-02	0.39E-02	276.9	12.7	0.20E-03	0.23E-03
123.5	13.4	0.27E-02	0.45E-02	279.7	12.7	0.17E-03	0.19E-03
126.4	13.4	0.30E-02	0.49E-02	282.6	12.7	0.20E-03	0.23E-03
129.2	13.4	0.27E-02	0.45E-02	285.4	12.7	0.30E-03	0.35E-03
132.1	13.4	0.62E-02	0.11E-01	288.3	12.7	0.10E-03	0.12E-03
134.9	13.4	0.23E-02	0.35E-02	291.1	12.7	0.92E-03	0.12E-02
137.7	13.4	0.29E-02	0.47E-02	293.9	12.7	0.58E-03	0.76E-03
140.6	13.4	0.28E-02	0.45E-02				
143.4	13.4	0.14E-02	0.20E-02				
146.3	13.4	0.14E-02	0.20E-02				
149.1	13.4	0.20E-02	0.31E-02				
151.9	13.4	0.12E-02	0.17E-02				
154.8	13.4	0.11E-02	0.15E-02				

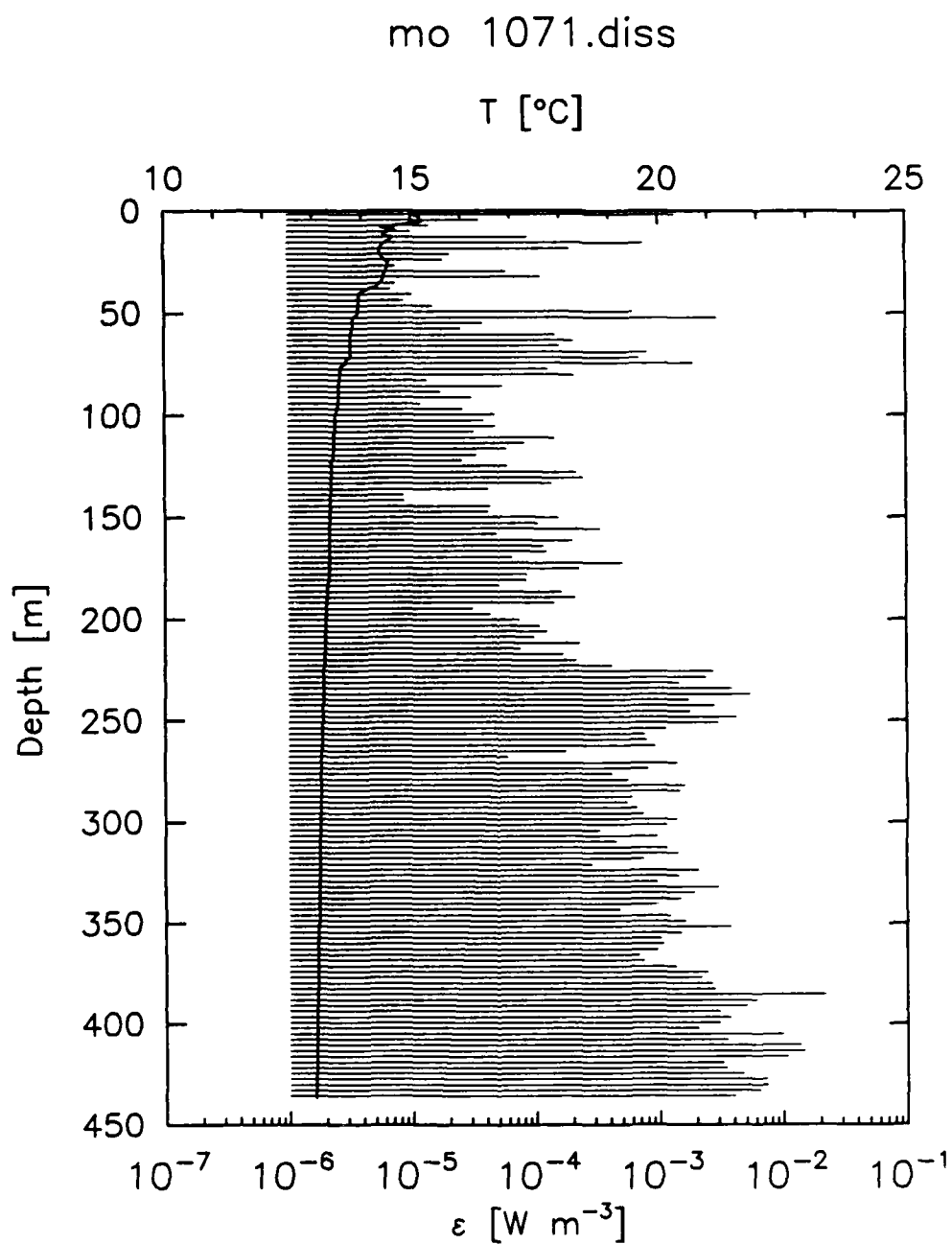
Bottom Salinity = 38.440



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.



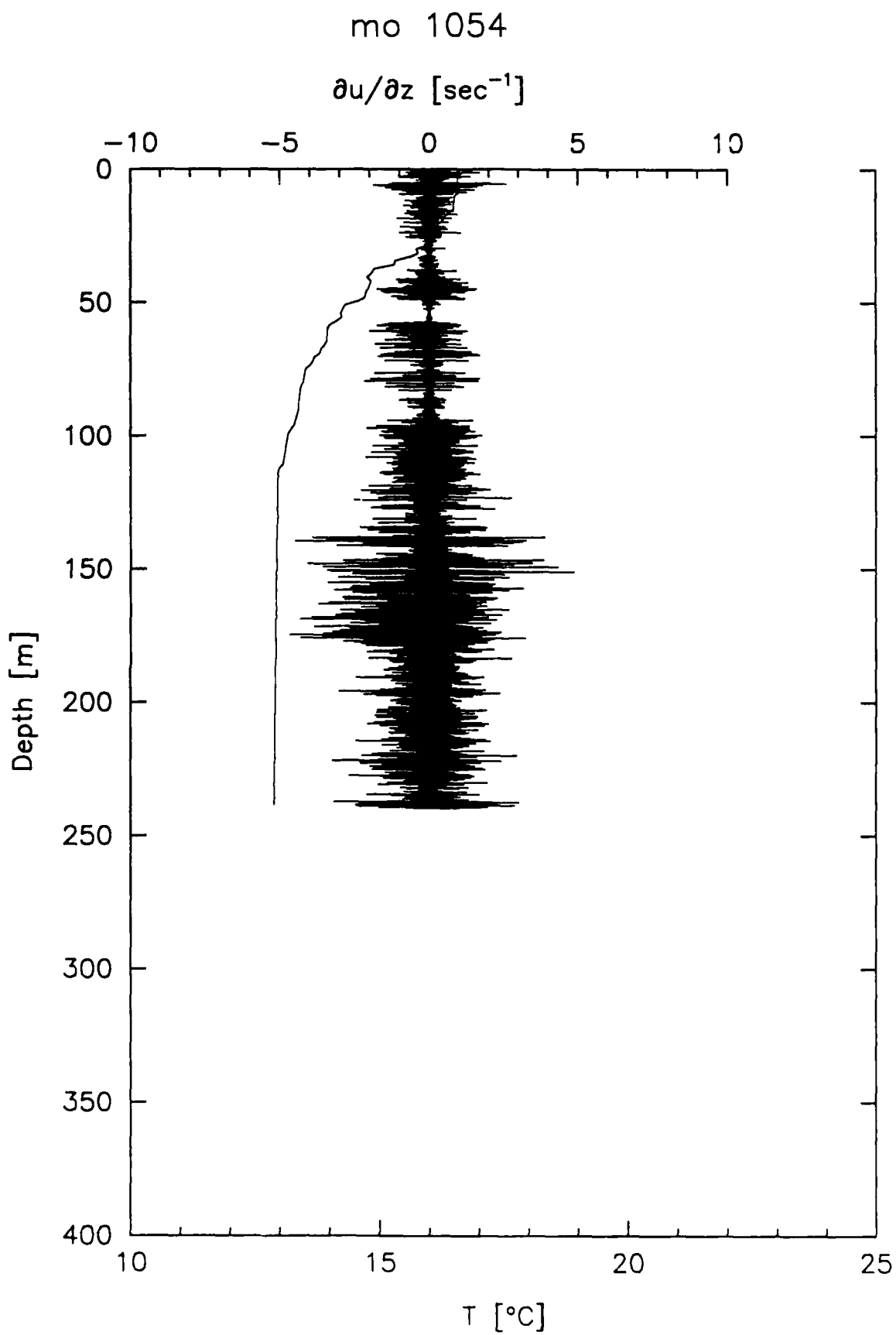
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 27 SEP 1988 13:50 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

1071 XDP
 5 Site Number
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 19890581453 28 FEB 1989 14:53 GMT Digitized
 35 56.29 5 42.51 Lat/Lon
 440 Depth (m)
 1024 Sampling Rate
 0.1860 S P Sensitivity
 high Gain
 450 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.80 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	15.2	0.14E-02	0.19E-02	155.4	13.3	0.33E-03	0.42E-03
4.2	15.2	0.35E-04	0.39E-04	158.2	13.3	0.48E-04	0.53E-04
7.0	14.8	0.14E-04	0.15E-04	161.0	13.3	0.20E-03	0.24E-03
9.8	14.5	0.99E-05	0.11E-04	163.8	13.3	0.11E-03	0.13E-03
12.6	14.5	0.87E-04	0.98E-04	166.6	13.3	0.12E-03	0.14E-03
15.4	14.5	0.75E-03	0.99E-03	169.4	13.3	0.64E-04	0.72E-04
18.2	14.4	0.19E-03	0.23E-03	172.2	13.3	0.50E-03	0.63E-03
21.0	14.4	0.21E-04	0.22E-04	175.0	13.3	0.22E-03	0.27E-03
23.8	14.5	0.18E-04	0.19E-04	177.8	13.3	0.84E-04	0.94E-04
26.6	14.5	0.74E-05	0.78E-05	180.6	13.3	0.83E-04	0.94E-04
29.4	14.5	0.58E-04	0.65E-04	183.4	13.3	0.51E-04	0.56E-04
32.2	14.4	0.11E-03	0.13E-03	186.2	13.3	0.16E-03	0.19E-03
35.0	14.4	0.74E-05	0.78E-05	189.0	13.3	0.21E-03	0.25E-03
37.8	14.2	0.68E-05	0.71E-05	191.8	13.3	0.14E-03	0.16E-03
40.6	14.0	0.10E-04	0.11E-04	194.6	13.3	0.31E-04	0.33E-04
43.4	13.9	0.86E-05	0.90E-05	197.4	13.3	0.42E-04	0.47E-04
46.2	13.9	0.15E-04	0.16E-04	200.2	13.3	0.74E-04	0.83E-04
49.0	13.9	0.61E-03	0.81E-03	203.0	13.3	0.11E-03	0.12E-03
51.8	13.9	0.30E-02	0.48E-02	205.8	13.3	0.12E-03	0.14E-03
54.6	13.8	0.38E-04	0.41E-04	208.6	13.2	0.96E-04	0.11E-03
57.4	13.8	0.25E-04	0.27E-04	211.4	13.2	0.23E-03	0.27E-03
60.2	13.8	0.15E-03	0.17E-03	214.2	13.2	0.75E-04	0.84E-04
63.0	13.8	0.21E-03	0.24E-03	217.0	13.2	0.17E-03	0.19E-03
65.8	13.8	0.16E-03	0.18E-03	219.8	13.2	0.21E-03	0.25E-03
68.6	13.8	0.82E-03	0.11E-02	222.6	13.2	0.41E-03	0.52E-03
71.4	13.8	0.70E-03	0.93E-03	225.4	13.2	0.27E-02	0.45E-02
74.2	13.7	0.19E-02	0.29E-02	228.2	13.2	0.24E-02	0.36E-02
77.0	13.6	0.13E-03	0.15E-03	231.0	13.2	0.14E-02	0.20E-02
79.8	13.6	0.21E-03	0.25E-03	233.8	13.2	0.41E-02	0.68E-02
82.6	13.5	0.13E-04	0.14E-04	236.6	13.2	0.54E-02	0.97E-02
85.4	13.5	0.54E-04	0.60E-04	239.4	13.2	0.17E-02	0.26E-02
88.2	13.5	0.17E-04	0.18E-04	242.2	13.2	0.28E-02	0.45E-02
91.0	13.5	0.30E-04	0.32E-04	245.0	13.2	0.18E-02	0.27E-02
93.8	13.5	0.12E-04	0.12E-04	247.8	13.2	0.42E-02	0.69E-02
96.6	13.5	0.26E-04	0.28E-04	250.6	13.2	0.29E-02	0.48E-02
99.4	13.5	0.47E-04	0.51E-04	253.4	13.2	0.11E-02	0.16E-02
102.2	13.4	0.38E-04	0.42E-04	256.2	13.2	0.75E-03	0.99E-03
105.0	13.4	0.47E-04	0.52E-04	259.0	13.2	0.77E-03	0.10E-02
107.8	13.4	0.32E-04	0.35E-04	261.8	13.2	0.91E-03	0.12E-02
110.6	13.4	0.14E-03	0.16E-03	264.6	13.2	0.17E-03	0.20E-03
113.4	13.4	0.82E-04	0.92E-04	267.4	13.2	0.59E-04	0.67E-04
116.2	13.4	0.58E-04	0.65E-04	270.2	13.2	0.14E-02	0.20E-02
119.0	13.4	0.33E-04	0.36E-04	273.0	13.2	0.80E-03	0.11E-02
121.8	13.4	0.25E-04	0.27E-04	275.8	13.2	0.42E-03	0.52E-03
124.6	13.4	0.59E-04	0.66E-04	278.6	13.1	0.56E-03	0.74E-03
127.4	13.4	0.21E-03	0.25E-03	281.4	13.1	0.16E-02	0.24E-02
130.2	13.4	0.24E-03	0.29E-03	284.2	13.1	0.15E-02	0.21E-02
133.0	13.4	0.13E-03	0.15E-03	287.0	13.1	0.60E-03	0.78E-03
135.8	13.4	0.41E-04	0.45E-04	289.8	13.1	0.55E-03	0.68E-03
138.6	13.4	0.84E-05	0.89E-05	292.6	13.1	0.66E-03	0.86E-03
141.4	13.4	0.86E-05	0.90E-05	295.4	13.1	0.73E-03	0.96E-03
144.2	13.3	0.43E-04	0.47E-04	298.2	13.1	0.14E-02	0.19E-02
147.0	13.3	0.41E-04	0.45E-04	301.0	13.1	0.11E-02	0.16E-02
149.8	13.3	0.15E-03	0.18E-03	303.8	13.1	0.33E-03	0.41E-03
152.6	13.3	0.10E-03	0.12E-03	306.6	13.1	0.94E-03	0.12E-02

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
309.4	13.1	0.45E-03	0.56E-03
312.2	13.1	0.11E-02	0.16E-02
315.0	13.1	0.14E-02	0.20E-02
317.8	13.1	0.74E-03	0.97E-03
320.6	13.1	0.28E-03	0.34E-03
323.4	13.1	0.21E-02	0.31E-02
326.2	13.1	0.14E-02	0.20E-02
329.0	13.1	0.95E-03	0.13E-02
331.8	13.1	0.30E-02	0.49E-02
334.6	13.1	0.19E-02	0.29E-02
337.4	13.1	0.15E-02	0.21E-02
340.2	13.1	0.11E-02	0.16E-02
343.0	13.1	0.47E-03	0.59E-03
345.8	13.1	0.12E-02	0.17E-02
348.6	13.1	0.16E-02	0.24E-02
351.4	13.1	0.38E-02	0.62E-02
354.2	13.1	0.15E-02	0.21E-02
357.0	13.1	0.10E-02	0.14E-02
359.8	13.1	0.11E-02	0.15E-02
362.6	13.1	0.95E-03	0.13E-02
365.4	13.1	0.68E-03	0.89E-03
368.2	13.1	0.74E-03	0.97E-03
371.0	13.1	0.14E-02	0.19E-02
373.8	13.1	0.24E-02	0.37E-02
376.6	13.1	0.22E-02	0.33E-02
379.4	13.1	0.26E-02	0.40E-02
382.2	13.1	0.28E-02	0.46E-02
385.0	13.1	0.22E-01	0.39E-01
387.8	13.1	0.61E-02	0.11E-01
390.6	13.1	0.50E-02	0.91E-02
393.4	13.1	0.31E-02	0.50E-02
396.2	13.1	0.37E-02	0.61E-02
399.0	13.1	0.30E-02	0.49E-02
401.8	13.1	0.20E-02	0.31E-02
404.6	13.0	0.99E-02	0.18E-01
407.4	13.0	0.35E-02	0.57E-02
410.2	13.0	0.14E-01	0.25E-01
413.0	13.0	0.15E-01	0.26E-01
415.8	13.0	0.11E-01	0.19E-01
418.6	13.0	0.32E-02	0.53E-02
421.4	13.0	0.34E-02	0.56E-02
424.2	13.0	0.47E-02	0.85E-02
427.0	13.0	0.73E-02	0.13E-01
429.8	13.0	0.73E-02	0.13E-01
432.6	13.0	0.65E-02	0.12E-01
435.4	13.0	0.40E-02	0.66E-02

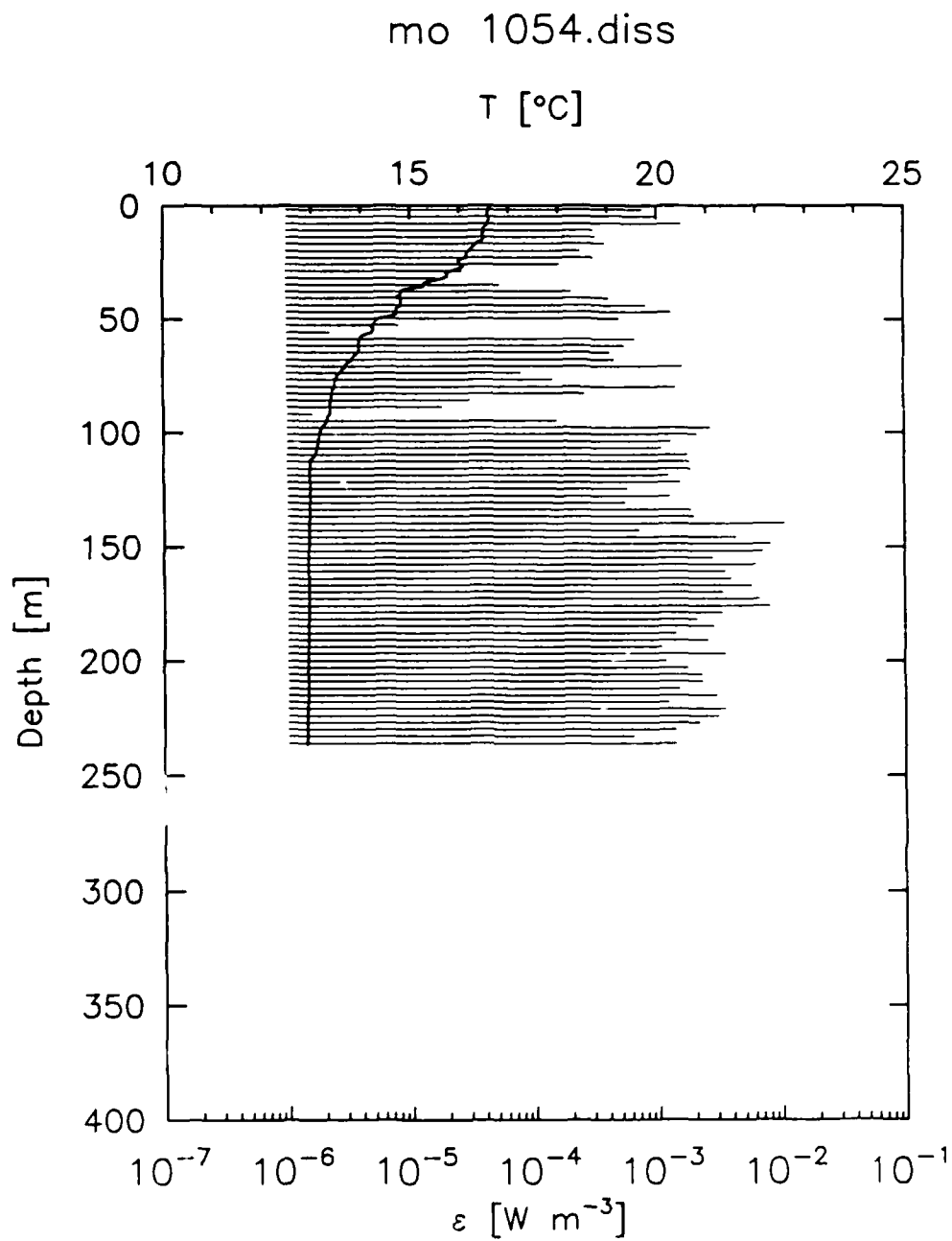
Bottom Salinity = 38.444



shear highpass: 10.

shear lowpass: 300

temp lowpass: 3

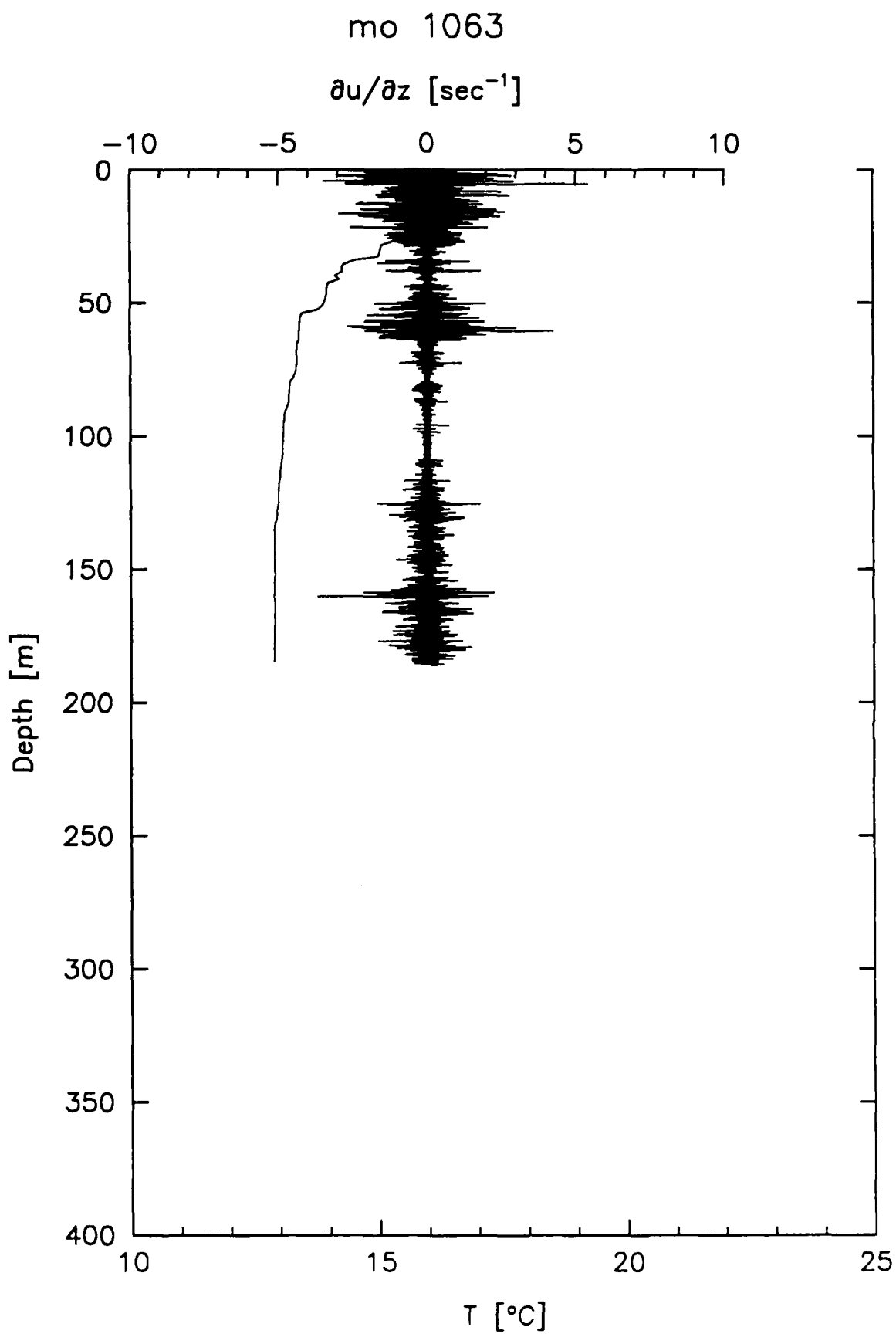


35 55.38 5 45.16 Lat/Lon
 27 SEP 1988 14:29 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

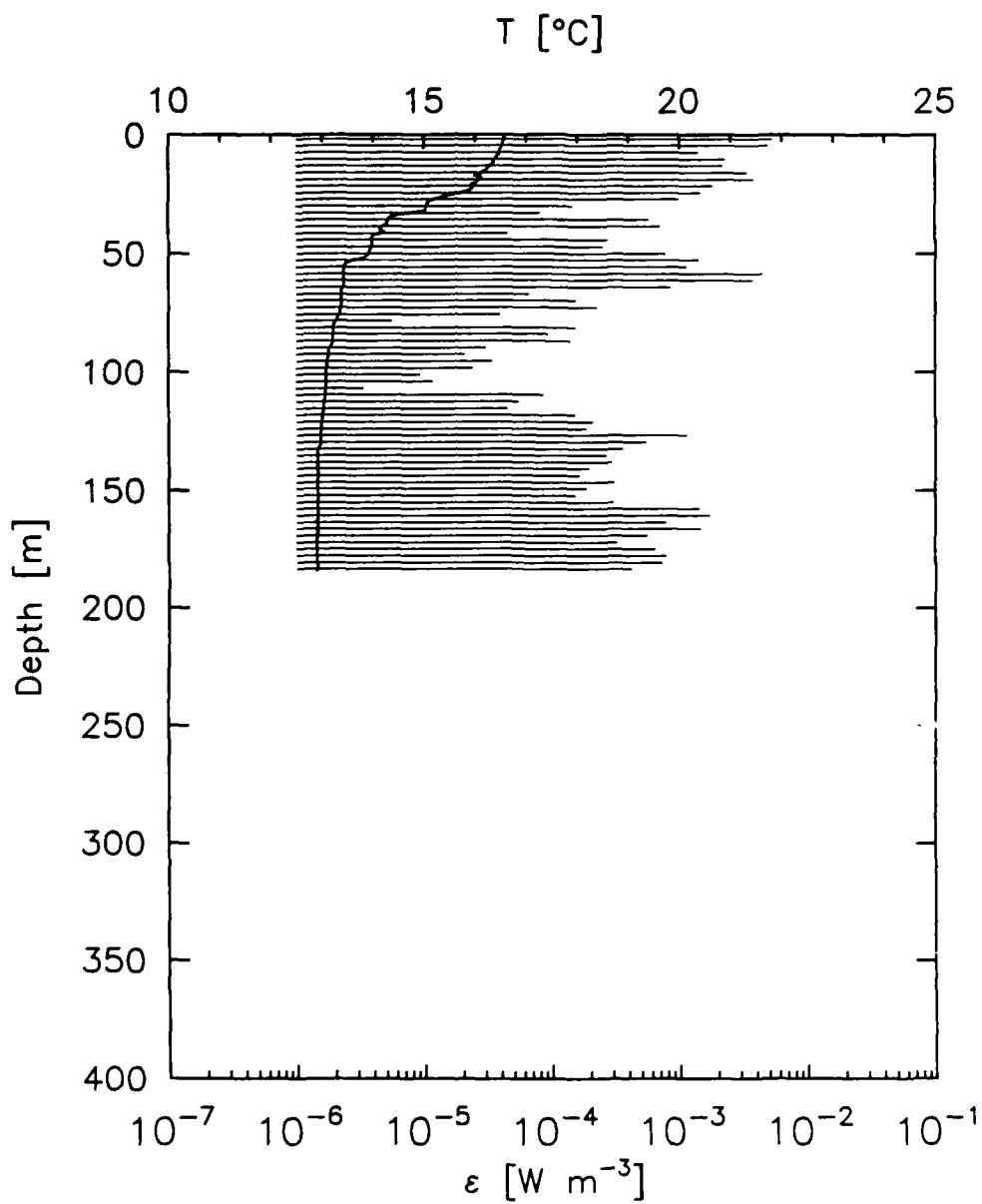
1054 XDP
 6 Site Number
 19882711429 27 SEP 1988 14:29 GMT
 19890581506 28 FEB 1989 15:06 GMT Digitized
 35 55.38 5 45.16 Lat/Lon
 240 Depth (m)
 1024 Sampling Rate
 0.2550 S P Sensitivity
 high Gain
 444 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 3.00 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.5	16.6	0.77E-03	0.10E-02	166.5	12.9	0.57E-02	0.10E-01
4.5	16.6	0.10E-02	0.14E-02	169.5	12.9	0.33E-02	0.55E-02
7.5	16.6	0.16E-02	0.22E-02	172.5	12.9	0.67E-02	0.12E-01
10.5	16.5	0.31E-03	0.36E-03	175.5	12.9	0.80E-02	0.15E-01
13.5	16.5	0.32E-03	0.40E-03	178.5	12.9	0.33E-02	0.54E-02
16.5	16.4	0.38E-03	0.48E-03	181.5	12.9	0.21E-02	0.31E-02
19.5	16.2	0.24E-03	0.29E-03	184.5	12.9	0.28E-02	0.46E-02
22.5	16.1	0.30E-03	0.36E-03	187.5	12.9	0.14E-02	0.19E-02
25.5	16.0	0.16E-03	0.19E-03	190.5	12.9	0.25E-02	0.38E-02
28.5	15.9	0.27E-04	0.29E-04	193.5	12.9	0.11E-02	0.15E-02
31.5	15.7	0.16E-04	0.17E-04	196.5	12.9	0.36E-02	0.58E-02
34.5	15.3	0.54E-04	0.59E-04	199.5	12.9	0.12E-02	0.16E-02
37.5	14.9	0.20E-03	0.24E-03	202.5	12.9	0.17E-02	0.26E-02
40.5	14.8	0.41E-03	0.51E-03	205.5	12.9	0.22E-02	0.34E-02
43.5	14.8	0.82E-03	0.11E-02	208.5	12.9	0.23E-02	0.34E-02
46.5	14.7	0.13E-02	0.18E-02	211.5	12.9	0.15E-02	0.21E-02
49.5	14.5	0.50E-03	0.62E-03	214.5	12.9	0.29E-02	0.48E-02
52.5	14.3	0.81E-05	0.85E-05	217.5	12.9	0.12E-02	0.17E-02
55.5	14.2	0.22E-05	0.23E-05	220.5	12.9	0.35E-02	0.57E-02
58.5	14.0	0.66E-03	0.87E-03	223.5	12.9	0.30E-02	0.50E-02
61.5	14.0	0.54E-03	0.68E-03	226.5	12.9	0.21E-02	0.32E-02
64.5	13.9	0.42E-03	0.52E-03	229.5	12.9	0.14E-02	0.19E-02
67.5	13.8	0.46E-03	0.57E-03	232.5	12.9	0.62E-03	0.82E-03
70.5	13.7	0.16E-02	0.24E-02	235.5	12.9	0.14E-02	0.19E-02
73.5	13.6	0.80E-04	0.90E-04				
76.5	13.5	0.14E-03	0.17E-03				
79.5	13.5	0.14E-02	0.20E-02				
82.5	13.4	0.26E-03	0.31E-03				
85.5	13.4	0.31E-04	0.33E-04				
88.5	13.4	0.18E-04	0.19E-04				
91.5	13.4	0.16E-05	0.16E-05				
94.5	13.3	0.15E-03	0.18E-03				
97.5	13.2	0.27E-02	0.41E-02				
100.5	13.2	0.21E-02	0.32E-02				
103.5	13.1	0.13E-02	0.18E-02				
106.5	13.1	0.11E-02	0.15E-02				
109.5	13.1	0.18E-02	0.27E-02				
112.5	13.0	0.18E-02	0.28E-02				
115.5	13.0	0.19E-02	0.28E-02				
118.5	13.0	0.12E-02	0.17E-02				
121.5	13.0	0.15E-02	0.22E-02				
124.5	13.0	0.57E-03	0.75E-03				
127.5	13.0	0.13E-02	0.18E-02				
130.5	13.0	0.54E-03	0.68E-03				
133.5	12.9	0.19E-02	0.28E-02				
136.5	12.9	0.20E-02	0.30E-02				
139.5	12.9	0.11E-01	0.20E-01				
142.5	12.9	0.71E-03	0.94E-03				
145.5	12.9	0.43E-02	0.71E-02				
148.5	12.9	0.81E-02	0.15E-01				
151.5	12.9	0.71E-02	0.13E-01				
154.5	12.9	0.28E-02	0.46E-02				
157.5	12.9	0.63E-02	0.11E-01				
160.5	12.9	0.35E-02	0.58E-02				
163.5	12.9	0.39E-02	0.63E-02				

Bottom Salinity = 38.434



mo 1063.diss

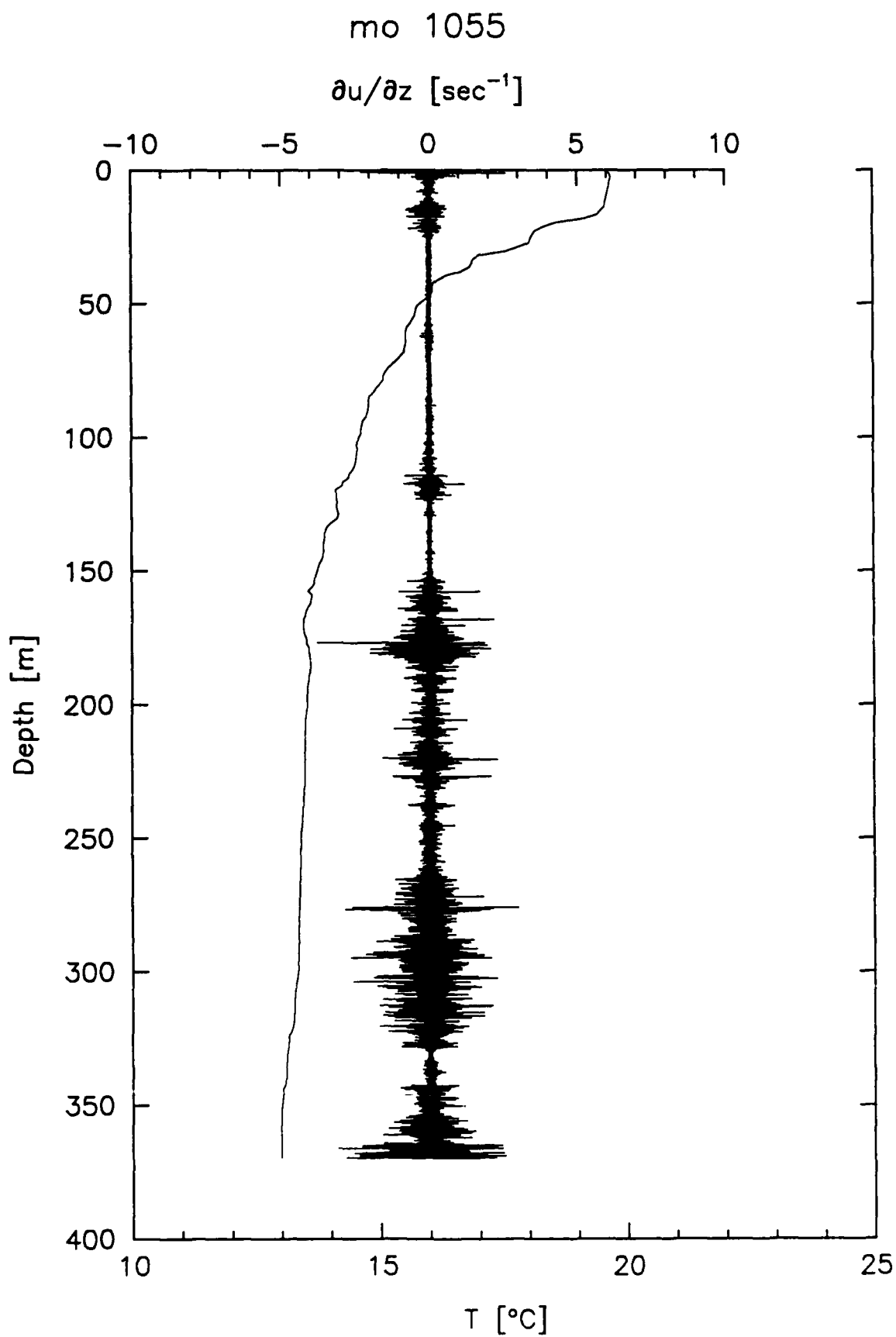


35 55.48 5 45.14 Lat/Lon
27 SEP 1988 14:35 GMT
Low frequency cutoff: 12.
Ratio for high frequency cutoff: 0.75

1063 XDP
 6 Site Number
 19882711435 27 SEP 1988 14:35 GMT
 19890581514 28 FEB 1989 15:14 GMT Digitized
 35 55.48 5 45.14 Lat/Lon
 230 Depth (m)
 1024 Sampling Rate
 0.1370 S P Sensitivity
 high Gain
 444 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.84 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	16.6	0.53E-02	0.97E-02	157.6	12.9	0.14E-02	0.20E-02
4.3	16.5	0.49E-02	0.89E-02	160.5	12.9	0.17E-02	0.26E-02
7.1	16.5	0.14E-02	0.20E-02	163.3	12.9	0.77E-03	0.10E-02
9.9	16.4	0.23E-02	0.35E-02	166.1	12.7	0.14E-02	0.20E-02
12.8	16.3	0.22E-02	0.33E-02	169.0	12.9	0.56E-03	0.73E-03
15.6	16.2	0.34E-02	0.56E-02	171.8	12.9	0.32E-03	0.41E-03
18.5	16.1	0.38E-02	0.62E-02	174.7	12.9	0.64E-03	0.85E-03
21.3	16.0	0.18E-02	0.28E-02	177.5	12.9	0.78E-03	0.10E-02
24.1	15.7	0.15E-02	0.21E-02	180.3	12.9	0.73E-03	0.96E-03
27.0	15.2	0.99E-03	0.14E-02	183.2	12.9	0.42E-03	0.52E-03
29.8	15.1	0.15E-03	0.17E-03				
32.7	14.8	0.81E-04	0.91E-04				
35.5	14.3	0.58E-03	0.76E-03				
38.3	14.2	0.71E-03	0.94E-03				
41.2	14.1	0.45E-04	0.50E-04				
44.0	14.0	0.27E-03	0.32E-03				
46.9	14.0	0.25E-03	0.30E-03				
49.7	13.9	0.77E-03	0.10E-02				
52.5	13.7	0.14E-02	0.20E-02				
55.4	13.4	0.11E-02	0.16E-02				
58.2	13.4	0.44E-02	0.73E-02				
61.1	13.4	0.37E-02	0.61E-02				
63.9	13.4	0.85E-03	0.11E-02				
66.7	13.4	0.66E-04	0.74E-04				
69.6	13.4	0.15E-03	0.18E-03				
72.4	13.4	0.23E-03	0.27E-03				
75.3	13.3	0.39E-04	0.43E-04				
78.1	13.3	0.55E-05	0.58E-05				
80.9	13.2	0.15E-03	0.18E-03				
83.8	13.2	0.93E-04	0.10E-03				
86.6	13.2	0.14E-03	0.16E-03				
89.5	13.2	0.31E-04	0.33E-04				
92.3	13.1	0.21E-04	0.22E-04				
95.1	13.1	0.34E-04	0.37E-04				
98.0	13.1	0.24E-04	0.26E-04				
100.8	13.1	0.93E-05	0.98E-05				
103.7	13.1	0.12E-04	0.12E-04				
106.5	13.1	0.34E-05	0.35E-05				
109.3	13.1	0.86E-04	0.97E-04				
112.2	13.0	0.55E-04	0.61E-04				
115.0	13.0	0.45E-04	0.49E-04				
117.9	13.0	0.15E-03	0.17E-03				
120.7	13.0	0.21E-03	0.25E-03				
123.5	13.0	0.19E-03	0.22E-03				
126.4	13.0	0.11E-02	0.16E-02				
129.2	13.0	0.55E-03	0.68E-03				
132.1	12.9	0.36E-03	0.45E-03				
134.9	12.9	0.27E-03	0.32E-03				
137.7	12.9	0.29E-03	0.35E-03				
140.6	12.9	0.19E-03	0.23E-03				
143.4	12.9	0.16E-03	0.19E-03				
146.3	12.9	0.31E-03	0.37E-03				
149.1	12.9	0.19E-03	0.22E-03				
151.9	12.9	0.15E-03	0.17E-03				
154.8	12.9	0.30E-03	0.36E-03				

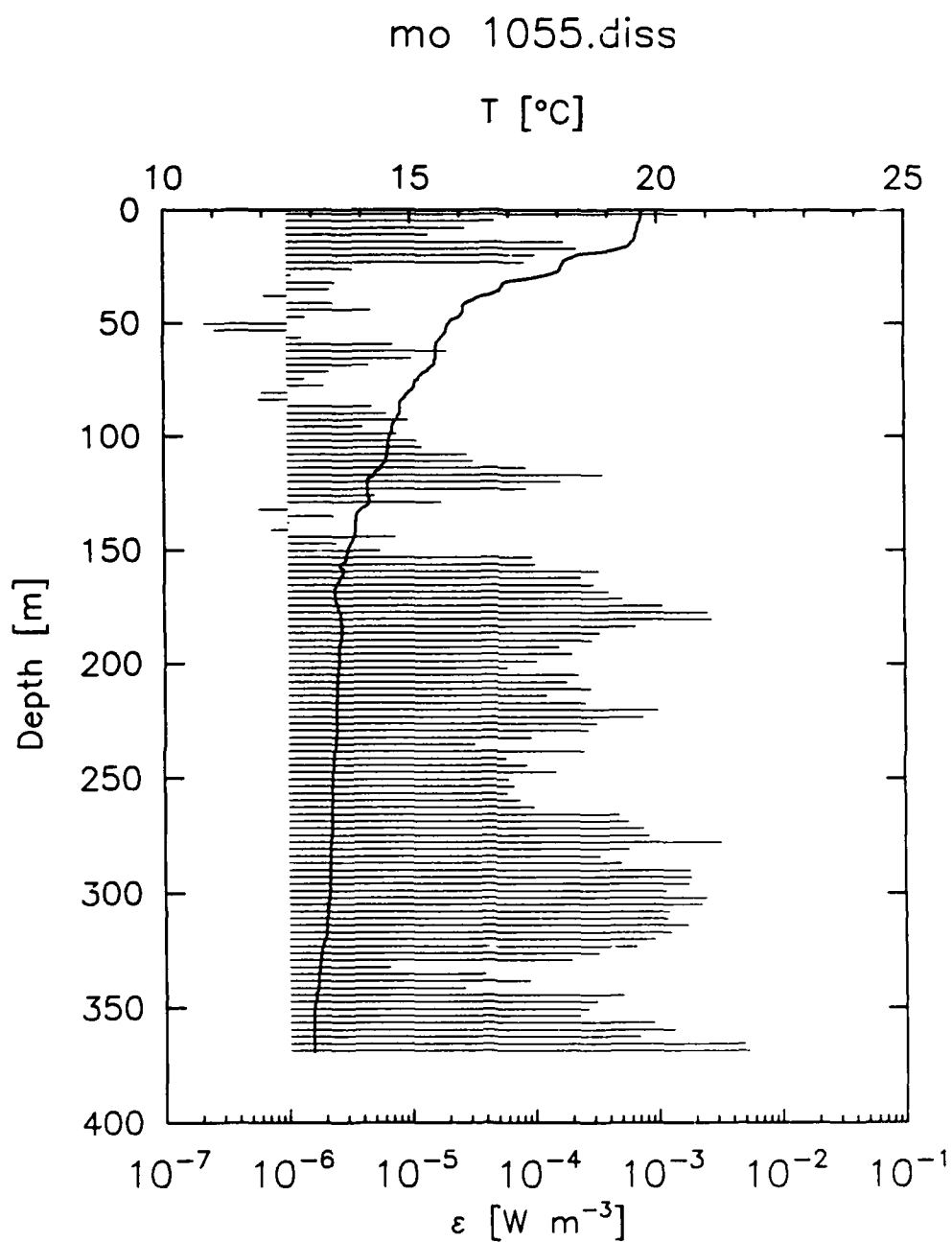
Bottom Salinity = 38.434



shear highpass: 10.

shear lowpass: 300.

temp lowpass: 3.



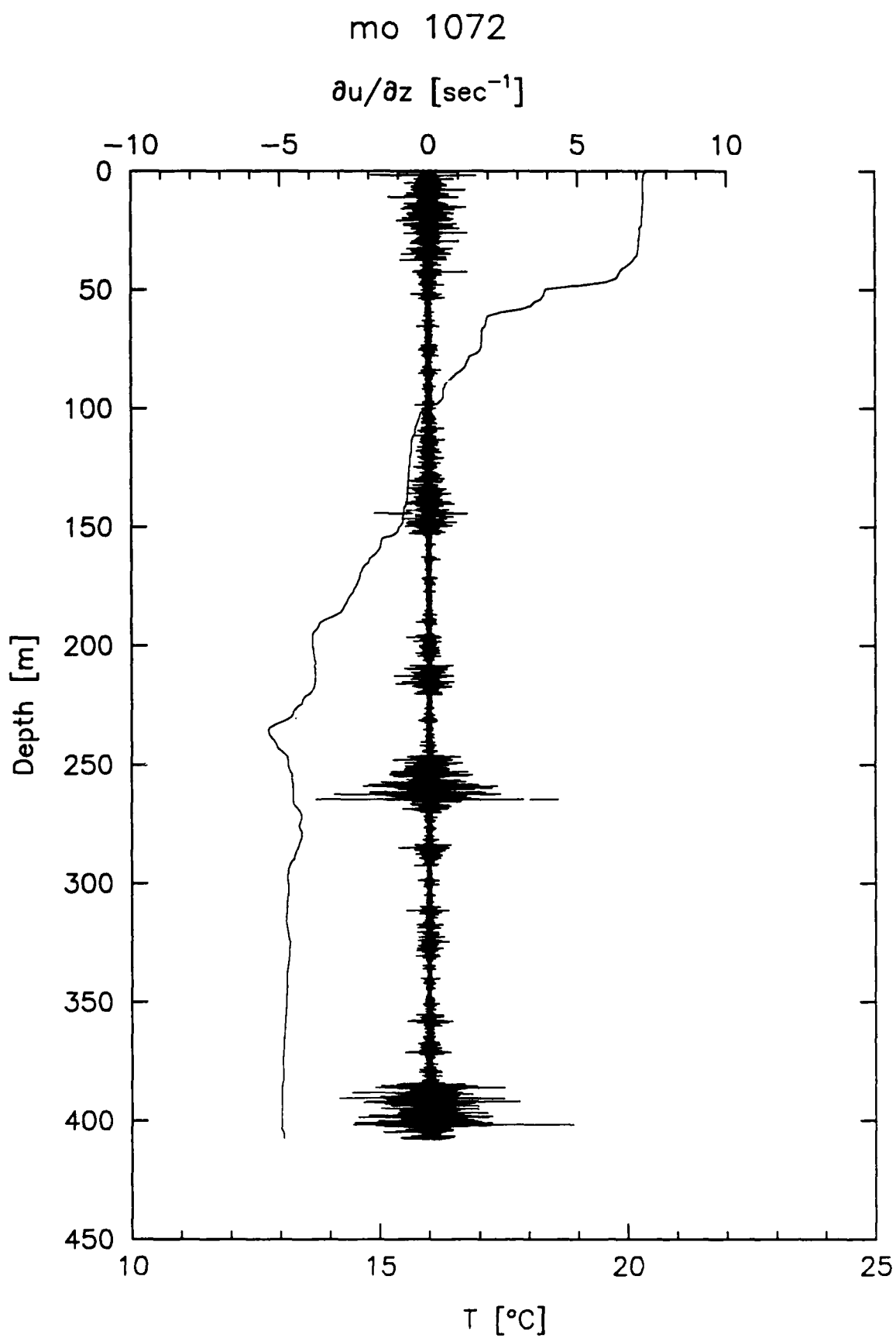
35 51.19 5 59.52 Lat/Lon
 27 SEP 1988 17:23 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

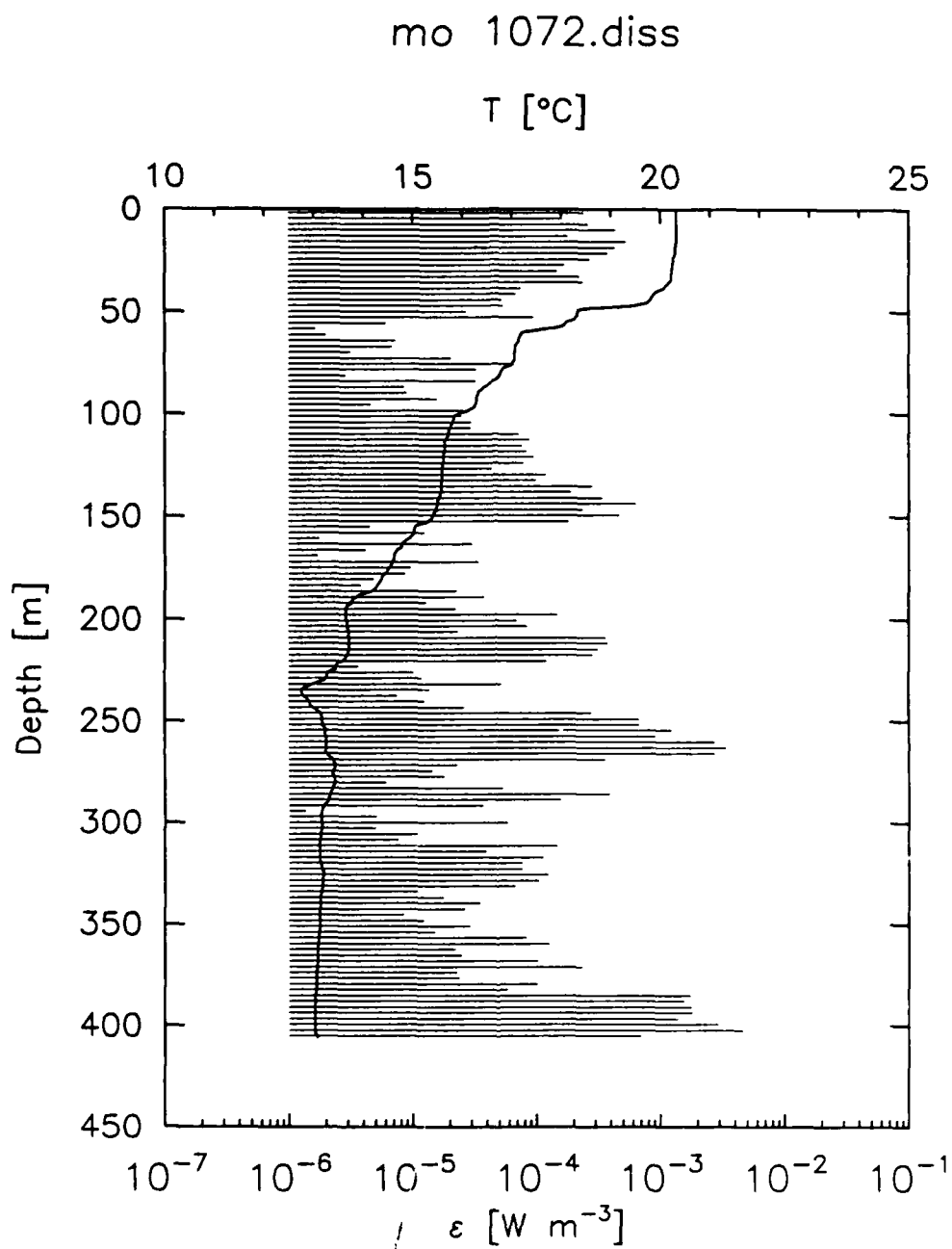
1055 XDP
 8 Site Number
 19882711723 27 SEP 1988 17:23 GMT
 19890581543 28 FEB 1989 15:43 GMT Digitized
 35 51.19 5 59.52 Lat/Lon
 370 Depth (m)
 1024 Sampling Rate
 0.3520 S P Sensitivity
 high Gain
 447 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 3.03 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.5	19.7	0.15E-02	0.21E-02	168.2	13.5	0.40E-03	0.50E-03
4.5	19.7	0.45E-04	0.53E-04	171.2	13.5	0.52E-03	0.65E-03
7.6	19.6	0.28E-04	0.30E-04	174.2	13.5	0.11E-02	0.16E-02
10.6	19.6	0.14E-04	0.15E-04	177.3	13.5	0.25E-02	0.39E-02
13.6	19.5	0.18E-03	0.20E-03	180.3	13.6	0.27E-02	0.45E-02
16.7	19.3	0.22E-03	0.27E-03	183.3	13.6	0.66E-03	0.87E-03
19.7	18.5	0.10E-03	0.12E-03	186.3	13.6	0.33E-03	0.42E-03
22.7	18.1	0.85E-04	0.95E-04	189.4	13.6	0.29E-03	0.34E-03
25.8	18.0	0.34E-05	0.35E-05	192.4	13.5	0.16E-03	0.18E-03
28.8	17.8	0.11E-05	0.11E-05	195.4	13.5	0.20E-03	0.24E-03
31.8	17.0	0.25E-05	0.25E-05	198.5	13.5	0.10E-03	0.12E-03
34.8	16.8	0.22E-05	0.23E-05	201.5	13.5	0.59E-04	0.67E-04
37.9	16.5	0.65E-06	0.66E-06	204.5	13.5	0.23E-03	0.27E-03
40.9	16.2	0.24E-05	0.24E-05	207.6	13.5	0.18E-03	0.22E-03
43.9	16.1	0.48E-05	0.50E-05	210.6	13.5	0.28E-03	0.34E-03
47.0	16.0	0.14E-05	0.14E-05	213.6	13.5	0.12E-03	0.14E-03
50.0	15.8	0.21E-06	0.21E-06	216.6	13.5	0.26E-03	0.31E-03
53.0	15.7	0.26E-06	0.26E-06	219.7	13.5	0.99E-03	0.14E-02
56.1	15.6	0.13E-05	0.13E-05	222.7	13.5	0.76E-03	0.10E-02
59.1	15.5	0.73E-05	0.77E-05	225.7	13.5	0.32E-03	0.40E-03
62.1	15.5	0.20E-04	0.21E-04	228.8	13.5	0.27E-03	0.32E-03
65.1	15.5	0.10E-04	0.11E-04	231.8	13.5	0.92E-04	0.10E-03
68.2	15.5	0.46E-05	0.48E-05	234.8	13.4	0.32E-04	0.36E-04
71.2	15.3	0.22E-05	0.23E-05	237.9	13.4	0.25E-03	0.30E-03
74.2	15.2	0.14E-05	0.14E-05	240.9	13.4	0.59E-04	0.66E-04
77.3	15.1	0.20E-05	0.20E-05	243.9	13.4	0.87E-04	0.97E-04
80.3	15.0	0.62E-06	0.63E-06	246.9	13.4	0.15E-03	0.17E-03
83.3	14.8	0.58E-06	0.59E-06	250.0	13.4	0.61E-04	0.69E-04
86.4	14.8	0.48E-05	0.50E-05	253.0	13.4	0.69E-04	0.77E-04
89.4	14.8	0.63E-05	0.67E-05	256.0	13.4	0.59E-04	0.66E-04
92.4	14.7	0.96E-05	0.10E-04	259.1	13.4	0.75E-04	0.84E-04
95.4	14.6	0.41E-05	0.42E-05	262.1	13.4	0.98E-04	0.11E-03
98.5	14.6	0.76E-05	0.80E-05	265.1	13.4	0.48E-03	0.60E-03
101.5	14.6	0.11E-04	0.12E-04	268.2	13.4	0.57E-03	0.75E-03
104.5	14.5	0.12E-04	0.13E-04	271.2	13.4	0.75E-03	0.98E-03
107.6	14.5	0.29E-04	0.31E-04	274.2	13.4	0.84E-03	0.11E-02
110.6	14.5	0.32E-04	0.35E-04	277.2	13.4	0.33E-02	0.53E-02
113.6	14.4	0.86E-04	0.96E-04	280.3	13.4	0.57E-03	0.75E-03
116.7	14.3	0.36E-03	0.45E-03	283.3	13.4	0.33E-03	0.42E-03
119.7	14.1	0.16E-03	0.19E-03	286.3	13.4	0.49E-03	0.62E-03
122.7	14.1	0.86E-04	0.97E-04	289.4	13.3	0.18E-02	0.27E-02
125.7	14.1	0.51E-05	0.53E-05	292.4	13.3	0.19E-02	0.28E-02
128.8	14.2	0.18E-04	0.19E-04	295.4	13.3	0.18E-02	0.27E-02
131.8	14.0	0.58E-06	0.59E-06	298.5	13.3	0.12E-02	0.16E-02
134.8	13.9	0.24E-05	0.24E-05	301.5	13.3	0.24E-02	0.37E-02
137.9	13.9	0.10E-05	0.11E-05	304.5	13.3	0.22E-02	0.34E-02
140.9	13.9	0.73E-06	0.75E-06	307.5	13.3	0.12E-02	0.17E-02
143.9	13.9	0.74E-05	0.78E-05	310.6	13.3	0.12E-02	0.17E-02
147.0	13.8	0.24E-05	0.25E-05	313.6	13.3	0.17E-02	0.26E-02
150.0	13.7	0.56E-05	0.59E-05	316.6	13.3	0.13E-02	0.18E-02
153.0	13.7	0.95E-04	0.11E-03	319.7	13.2	0.93E-03	0.12E-02
156.0	13.6	0.10E-03	0.11E-03	322.7	13.2	0.65E-03	0.86E-03
159.1	13.6	0.33E-03	0.41E-03	325.7	13.1	0.32E-03	0.40E-03
162.1	13.6	0.24E-03	0.28E-03	328.8	13.1	0.20E-03	0.23E-03
165.1	13.5	0.30E-03	0.36E-03	331.8	13.1	0.65E-05	0.69E-05

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
334.8	13.1	0.38E-04	0.42E-04
337.8	13.1	0.89E-04	0.10E-03
340.9	13.1	0.27E-04	0.29E-04
343.9	13.0	0.51E-03	0.64E-03
346.9	13.0	0.31E-03	0.37E-03
350.0	13.0	0.27E-03	0.32E-03
353.0	13.0	0.23E-03	0.27E-03
356.0	13.0	0.90E-03	0.12E-02
359.1	13.0	0.14E-02	0.20E-02
362.1	13.0	0.69E-03	0.91E-03
365.1	13.0	0.49E-02	0.89E-02
368.1	13.0	0.53E-02	0.97E-02

Bottom Salinity = 38.194





35 49.15 6 11.27 Lat/Lon
 27 SEP 1988 19:58 GMT
 Low frequency cutoff: 12.
 Ratio for high frequency cutoff: 0.75

1072 XDP
 10 Site Number
 19882711958 27 SEP 1988 19:58 GMT
 19890581550 28 FEB 1989 15:50 GMT Digitized
 35 49.15 6 11.27 Lat/Lon
 405 Depth (m)
 1024 Sampling Rate
 0.1960 S P Sensitivity
 high Gain
 448 Temp Freq
 1 Deck Receiver
 RGL Operator
 Oceanus Ship
 Mediterranean Out-Flow Experiment
 2.84 Drop Rate (m/s)

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)	Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
1.4	20.3	0.24E-03	0.29E-03	157.6	15.0	0.12E-04	0.13E-04
4.3	20.3	0.16E-03	0.18E-03	160.5	14.9	0.17E-05	0.18E-05
7.1	20.3	0.26E-03	0.31E-03	163.3	14.8	0.30E-04	0.32E-04
9.9	20.3	0.43E-03	0.54E-03	166.1	14.7	0.41E-05	0.43E-05
12.8	20.3	0.18E-03	0.21E-03	169.0	14.6	0.17E-05	0.17E-05
15.6	20.3	0.52E-03	0.65E-03	171.8	14.6	0.33E-04	0.37E-04
18.5	20.3	0.43E-03	0.53E-03	174.7	14.5	0.96E-05	0.10E-04
21.3	20.3	0.37E-03	0.46E-03	177.5	14.4	0.86E-05	0.90E-05
24.1	20.3	0.27E-03	0.32E-03	180.3	14.4	0.48E-05	0.50E-05
27.0	20.2	0.17E-03	0.19E-03	183.2	14.3	0.38E-05	0.39E-05
29.8	20.2	0.14E-03	0.17E-03	186.0	14.2	0.22E-04	0.24E-04
32.7	20.2	0.22E-03	0.26E-03	188.9	13.9	0.37E-04	0.41E-04
35.5	20.2	0.24E-03	0.28E-03	191.7	13.8	0.13E-04	0.14E-04
38.3	20.1	0.75E-04	0.84E-04	194.5	13.7	0.22E-04	0.24E-04
41.2	19.9	0.67E-04	0.76E-04	197.4	13.6	0.15E-03	0.17E-03
44.0	19.8	0.52E-04	0.57E-04	200.2	13.7	0.69E-04	0.77E-04
46.9	19.4	0.53E-04	0.59E-04	203.1	13.7	0.84E-04	0.94E-04
49.7	18.4	0.27E-04	0.29E-04	205.9	13.7	0.23E-04	0.25E-04
52.5	18.3	0.93E-04	0.10E-03	208.7	13.7	0.36E-03	0.45E-03
55.4	18.1	0.61E-05	0.64E-05	211.6	13.7	0.37E-03	0.46E-03
58.2	17.7	0.16E-05	0.17E-05	214.4	13.7	0.31E-03	0.37E-03
61.1	17.2	0.20E-05	0.20E-05	217.3	13.7	0.28E-03	0.33E-03
63.9	17.1	0.72E-05	0.75E-05	220.1	13.6	0.12E-03	0.14E-03
66.7	17.1	0.67E-05	0.71E-05	222.9	13.4	0.36E-05	0.38E-05
69.6	17.1	0.31E-05	0.32E-05	225.8	13.3	0.10E-04	0.11E-04
72.4	17.1	0.20E-04	0.22E-04	228.6	13.2	0.12E-04	0.13E-04
75.3	17.0	0.62E-04	0.70E-04	231.5	13.0	0.52E-04	0.57E-04
78.1	16.8	0.32E-04	0.35E-04	234.3	12.8	0.14E-04	0.15E-04
80.9	16.8	0.29E-05	0.29E-05	237.1	12.8	0.74E-05	0.78E-05
83.8	16.6	0.32E-04	0.35E-04	240.0	12.9	0.12E-04	0.13E-04
86.6	16.5	0.85E-05	0.90E-05	242.8	13.0	0.26E-04	0.27E-04
89.5	16.3	0.88E-05	0.93E-05	245.7	13.1	0.28E-03	0.33E-03
92.3	16.3	0.16E-04	0.17E-04	248.5	13.2	0.67E-03	0.88E-03
95.1	16.3	0.45E-05	0.47E-05	251.3	13.2	0.67E-03	0.88E-03
98.0	16.1	0.27E-04	0.29E-04	254.2	13.2	0.12E-02	0.17E-02
100.8	15.9	0.25E-04	0.26E-04	257.0	13.2	0.90E-03	0.12E-02
103.7	15.8	0.29E-04	0.31E-04	259.9	13.3	0.27E-02	0.45E-02
106.5	15.8	0.29E-04	0.31E-04	262.7	13.3	0.34E-02	0.55E-02
109.3	15.7	0.72E-04	0.81E-04	265.5	13.3	0.27E-02	0.44E-02
112.2	15.7	0.87E-04	0.97E-04	268.4	13.4	0.36E-03	0.45E-03
115.0	15.6	0.76E-04	0.86E-04	271.2	13.4	0.23E-04	0.24E-04
117.9	15.6	0.83E-04	0.93E-04	274.1	13.4	0.14E-04	0.15E-04
120.7	15.6	0.94E-04	0.11E-03	276.9	13.4	0.18E-04	0.19E-04
123.5	15.6	0.77E-04	0.87E-04	279.7	13.4	0.60E-05	0.64E-05
126.4	15.6	0.43E-04	0.47E-04	282.6	13.4	0.53E-04	0.58E-04
129.2	15.6	0.12E-03	0.14E-03	285.4	13.3	0.38E-03	0.48E-03
132.1	15.6	0.98E-04	0.11E-03	288.3	13.3	0.16E-03	0.18E-03
134.9	15.6	0.28E-03	0.33E-03	291.1	13.2	0.37E-04	0.40E-04
137.7	15.6	0.19E-03	0.22E-03	293.9	13.2	0.13E-05	0.14E-05
140.6	15.5	0.33E-03	0.42E-03	296.8	13.1	0.50E-05	0.52E-05
143.4	15.5	0.63E-03	0.83E-03	299.6	13.2	0.57E-04	0.64E-04
146.3	15.5	0.23E-03	0.28E-03	302.5	13.2	0.50E-05	0.52E-05
149.1	15.4	0.46E-03	0.58E-03	305.3	13.1	0.11E-04	0.12E-04
151.9	15.3	0.18E-03	0.21E-03	308.1	13.1	0.76E-05	0.80E-05
154.8	15.1	0.44E-05	0.46E-05	311.0	13.1	0.15E-03	0.17E-03

Depth (m)	Temp. (C)	Dissipation (W/m**3)	Corrected Dissipation (W/m**3)
313.8	13.1	0.39E-04	0.43E-04
316.7	13.1	0.11E-03	0.13E-03
319.5	13.1	0.76E-04	0.86E-04
322.3	13.2	0.76E-04	0.85E-04
325.2	13.2	0.12E-03	0.14E-03
328.0	13.2	0.10E-03	0.12E-03
330.9	13.2	0.67E-04	0.75E-04
333.7	13.2	0.11E-04	0.12E-04
336.5	13.1	0.17E-04	0.19E-04
339.4	13.1	0.35E-04	0.38E-04
342.2	13.1	0.26E-04	0.28E-04
345.1	13.1	0.84E-05	0.89E-05
347.9	13.1	0.12E-04	0.13E-04
350.7	13.1	0.29E-04	0.31E-04
353.6	13.1	0.15E-04	0.16E-04
356.4	13.1	0.82E-04	0.93E-04
359.3	13.1	0.13E-03	0.15E-03
362.1	13.1	0.22E-04	0.23E-04
364.9	13.1	0.24E-04	0.26E-04
367.8	13.1	0.10E-03	0.11E-03
370.6	13.1	0.23E-03	0.28E-03
373.5	13.1	0.22E-04	0.24E-04
376.3	13.1	0.24E-04	0.25E-04
379.1	13.1	0.10E-03	0.11E-03
382.0	13.1	0.58E-04	0.65E-04
384.8	13.0	0.17E-02	0.26E-02
387.7	13.0	0.15E-02	0.22E-02
390.5	13.0	0.18E-02	0.27E-02
393.3	13.0	0.18E-02	0.27E-02
396.2	13.0	0.14E-02	0.20E-02
399.0	13.0	0.29E-02	0.48E-02
401.9	13.0	0.46E-02	0.84E-02
404.7	13.1	0.69E-03	0.91E-03

Bottom Salinity = 38.228

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