

DATOS HIDROGRÁFICOS DEL ALTO GOLFO DE CALIFORNIA: CAMPAÑA
OCEANOGRÁFICA FU0206 (DEL 7 AL 14 DE JUNIO DEL 2002).

Por : Arturo I. Ocampo Torres (1).
Miguel F. Lavín (1).
Victor M. Godínez Sandoval (1).
Luis Gustavo Alvarez Sánchez (1).
M. Salvador Galindo Bect (2).
E. Alberto Aragón Noriega (3)
Rafael Ramírez Mendoza (1).
Edgar Alcántara Razo (3).
Rubén Alvarado Bustos (1)
Juan Francisco Moreno Higareda (1)

- (1) Centro de Investigación Científica y de Educación Superior de Ensenada (CICESE)
División de Oceanología
Departamento de Oceanografía Física
Apdo. Postal 2732
Ensenada, Baja California, México
22890
- (2) Instituto de Investigaciones Oceanográficas (IIO).
Universidad Autónoma de Baja California (UABC).
Apto. Postal 453
Ensenada, Baja California, México.
22890
- (3) Centro de Investigaciones Biológicas del Noreste (CIBNOR).
Carretera a Las Tinajas Predio "El Tular", Colonia las Tinajas
Apdo. Postal 349
Guaymas, Sonora, México.

CONTENIDO

	Página
Resumen.	i
Lista de Tablas.	ii
Lista de Figuras.	iii
Lista de Participantes.	iv
1. INTRODUCCIÓN.	1
2. ÁREA DE ESTUDIO.	3
3. INSTRUMENTACIÓN.	6
3.1 Calibración del CTD.	6
3.2 Adquisición de datos de CTD.	8
4. PROCESAMIENTO Y PRESENTACIÓN DE DATOS DEL CTD.	8
5. AGRADECIMIENTOS.	12
6. BIBLIOGRAFÍA.	13
7. APÉNDICE A: Perfiles verticales de temperatura (Θ °C), salinidad y anomalía de densidad (γ kgm ⁻³) obtenidos con el CTD.	14

Resumen.

Se presentan los datos de 115 estaciones de CTD realizados del 7 al 14 de junio del 2002, durante la campaña oceanográfica FU0206, a bordo del Buque Oceanográfico “Francisco de Ulloa”, en el Alto Golfo de California. La información forma parte de varios proyectos de CICESE, CIBNOR e IIO de la UABC. La mayor parte del financiamiento proviene de proyectos UCMEXUS-CONACYT.

En este reporte se presentan, para cada estación de CTD, perfiles verticales de temperatura, salinidad y densidad, además de listados de estas variables a profundidades seleccionadas, también se incluyen las variables meteorológicas medidas durante cada estación hidrográfica.

Lista de Tablas.

Tabla		Página
I	Localización geográfica de las estaciones de CTD durante la campaña FU0206.	4
II	Especificaciones de los sensores del CTD Sea Bird proporcionados por el fabricante.	6
III	Experimentos de calibración para sensores de temperatura.	7
IV	Resultados de calibración de conductividad en laboratorio.	8
V	Simbología usada en los encabezados de los perfiles verticales de CTD.	10

Lista de Figuras

Figura		Página
1	Localización del área de estudio y posiciones geográficas de las estaciones.	3
2	Diagrama Θ -S de todas las estaciones de CTD en las campañas FU0206, BIPII-0207 y FU0208.	11

LISTA DE PARTICIPANTES.

Participantes	Institución	Puesto
Miguel F. Lavín (Jefe de Campaña)	CICESE	Investigador
Manuel Salvador Galindo Bect	UABC	Investigador
Alma Delia Giles Guzmán	CICESE/UABC	Investigador
Victor M. Godínez Sandoval	CICESE	Técnico
Arturo I. Ocampo Torres	CICESE	Técnico
Rafael Ramírez Mendoza	CICESE	Técnico
Edwyna Nieto García	CICESE	Técnico
Edgar Alcántara Razo	CIBNOR	Técnico
Juan Francisco Moreno Higareda	CICESE	Técnico
Rubén Alvarado Bustos	CICESE	Estudiante
Martín Díaz Lucero	CICESE	Técnico
Luis Walter Daesslé Heuser	UABC	Investigador
Arturo Siqueiros Valencia	UABC	Técnico

1. INTRODUCCIÓN

Del 7 al 14 de junio del año 2002 se realizó el crucero oceanográfico FU0206 a bordo del Buque Oceanográfico “Francisco de Ulloa”, en el Alto Golfo de California (Fig. 1). Esta información fue recabada como parte de los proyectos:

- Oceanografía Física del Alto Golfo de California (CICESE)*,
- Circulation and dispersion in the Upper Gulf of California (UCMEXUS-CONACyT)*,
- Concentración y flujo de sedimentos en suspensión en las planicies de marea del Alto Golfo de California (UCMEXUS-CONACyT)*,
- Influencia de la circulación debida a la marea sobre la distribución horizontal de turbidez en el norte del Golfo de California: I.-Modelación numérica de la circulación y su relación con la reflectancia en imágenes de satélite (CICESE)*.
- Estuario del Río Colorado: Funcionamiento del área de crianza y eventos de desarrollo en el ciclo de vida del camarón y otras especies ecológica y comercialmente importantes (IIO/UABC-CIBNOR)*.
- Evaluación de la migración y del reclutamiento de las poblaciones de camarón en aguas protegidas y en el frente costero de Sinaloa y Sonora (CIBNOR-INP)*.

El objetivo general de la campaña fue colocar 7 anclajes de corrientímetros, una boya meteorológica y la realización de una red de estaciones hidrográficas con CTD y roseta para medir: temperatura, salinidad, nutrientes, clorofila y oxígeno disuelto en la columna de agua, el registro continuo de datos batimétricos, obtención de datos de ADCP, meteorológicos y de datos superficiales continuos: temperatura, salinidad, y fluorimetría durante todo el crucero. Así como también el muestreo de larvas en las estaciones y la obtención de núcleos de sedimentos superficiales en algunas estaciones. Se hicieron perfiles de variables bio-ópticas en algunas estaciones.

De la colecta de zooplancton se pretende separar toda postlarva de camarón e identificarlas por especie. Se utilizaron dos métodos de colecta:

a) lances verticales (3 y 10 m; éste último valor según lo permitía la profundidad de la estación, pudiendo variar en algunos casos a 8 m) con una red TIPO LECA (Calderón-Aguilera y Burgueño, 1993), cuenta con una malla de 505 μ y una boca rectangular de 0.40 x 0.50 m. Los arrastres se hacían a una velocidad vertical aproximada de 1 ms^{-1} .

b) El segundo método utilizado fue el de la colecta de zooplancton a 2.8 m de profundidad por medio de la Bomba CUFES (Continuous Underway Fish Egg Sampler) con un tiempo de operación de 20 minutos.

También se realizaron observaciones de bio-óptica, para lo cual se tomaron muestras de clorofila superficial y a diferentes profundidades de la columna de agua, pigmentos fotosintéticos y accesorios, absorción de material orgánico soluble de color, absorción por partículas inorgánicas y detritus, materia orgánica disuelta (seston), y fitoplancton. Se tomaron algunas muestras para una posible determinación de Micosporinas (Micosporine like aminoacids), y cianofitas. La metodología para la determinación de la magnitud de estas variables es la de los protocolos más recientes establecidos y registrados en la NASA. (Nasa Oceanographic Protocols). Junto con esta toma de muestras, se estuvieron generando perfiles de luz en la columna de agua utilizando un Perfilador de la reflectancia de la Irradiancia Biospherical PRR-600, así como fluorescencia natural *in situ* y turbidez.

También se realizaron muestreos de sedimento mediante nucleadores de caja y caída libre durante los dos primeros días del crucero (marcado como SED en la Tabla I).

En la tabla I se presentan para cada lance de CTD la posición geográfica junto con las actividades adicionales en la estación.

En el presente informe solamente se presenta la información hidrográfica obtenida con el CTD, o sea los perfiles verticales de Temperatura, Salinidad y Densidad en la

columna de agua, junto con los datos meteorológicos obtenidos en cada estación hidrográfica.

2. ÁREA DE ESTUDIO.

Los datos reportados en el presente trabajo fueron tomados en el Alto Golfo de California (Figura 1), entre los 31.7 ° y los 30.7° de latitud N y 114.9° y los 113.5° longitud Oeste.

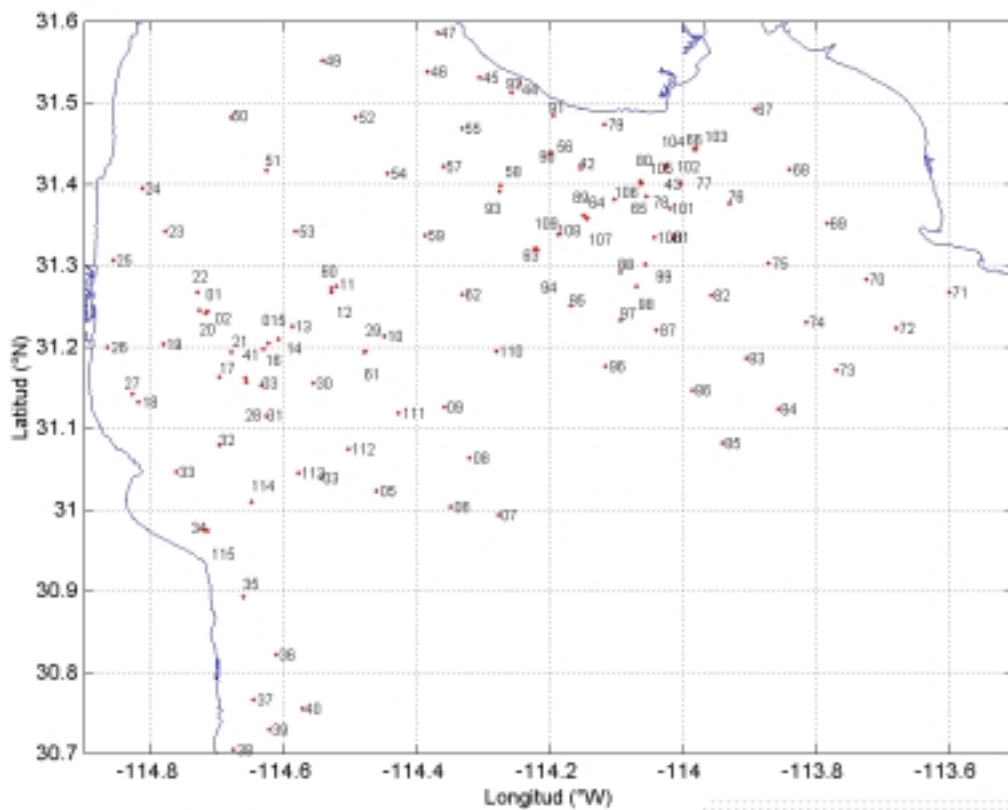


Figura 1. Localización del área de estudio y posiciones geográficas de las estaciones.

TABLA I. Localización geográfica de las estaciones de CTD durante la campaña FU0206.

LANCE	ESTACIÓN	LATITUD (°N)	LONGITUD (°W)	HORA (UT)	FECHA (dd/mm/aa)	PROFUNDIDAD (m)	ACTIVIDADES ADICIONALES
1	PM1	31° 14.50'	114° 43.12'	09:35	07/06/2002	17.0	CUFE
2	PM2	31° 14.60'	114° 42.88'	10:40	07/06/2002	16.0	
3	PM02	31° 09.18'	114° 38.00'	11:52	07/06/2002	25.4	CUFE
4	PM03	31° 02.34'	114° 32.68'	13:19	07/06/2002	33.3	CUFE
5	PM04	31° 01.38'	114° 27.57'	14:16	07/06/2002	26.4	CUFE
6	PM05	31° 00.20'	114° 20.85'	15:45	07/06/2002	42.0	CUFE, SED
7	PM06	30° 59.63'	114° 16.62'	17:50	07/06/2002	106.0	CUFE, SED
8	PM6A	31° 03.75'	114° 19.16'	18:44	07/06/2002	74.0	SED
9	PM7	31° 07.59'	114° 21.52'	20:12	07/06/2002	31.0	CUFE, SED, BIO-ÓPTICA
10	PM8	31° 12.82'	114° 26.87'	21:28	07/06/2002	21.0	CUFE, SED, BIO-ÓPTICA
11	PM9	31° 16.45'	114° 31.16'	22:44	07/06/2002	16.0	CUFE, SED
12	PM10	31° 15.98'	114° 31.69'	23:27	07/06/2002	23.8	CUFE, SED, BIO-ÓPTICA
13	PM11	31° 13.51'	114° 35.20'	00:44	08/06/2002	24.1	SED, BIO-ÓPTICA
14	PM12	31° 12.65'	114° 36.47'	02:28	08/06/2002	19.3	SED
15	PM13	31° 12.28'	114° 37.42'	03:34	08/06/2002	20.2	CUFE, LECA
16	PM14	31° 11.77'	114° 37.77'	04:40	08/06/2002	25.6	CUFE, LECA, BIO-ÓPTICA
17	PM15	31° 09.84'	114° 41.75'	06:18	08/06/2002	19.8	CUFE
18	PM16	31° 08.50'	114° 49.73'	07:39	08/06/2002	11.0	CUFE
19	PM17	31° 12.18'	114° 46.86'	09:19	08/06/2002	13.0	CUFE
20	PM18	31° 14.67'	114° 43.60'	10:53	08/06/2002	16.3	CUFE
21	D02	31° 11.57'	114° 40.66'	12:49	08/06/2002	19.5	CUFE
22	C02	31° 16.05'	114° 443.78'	13:57	08/06/2002	12.6	CUFE
23	B02	31° 20.52'	114° 46.70'	14:52	08/06/2002	7.9	CUFE
24	A01	31° 23.71'	114° 48.78'	15:36	08/06/2002	4.5	CUFE
25	B01	31° 18.42'	114° 51.38'	16:58	08/06/2002	4.0	CUFE, BIO-ÓPTICA
26	C01	31° 11.97'	114° 51.94'	18:23	08/06/2002	7.8	CUFE, BIO-ÓPTICA
27	D01	31° 07.86'	114° 49.13'	17:38	08/06/2002	13.2	CUFE, LECA, BIO-ÓPTICA
28	AA1	31° 09.39'	114° 39.40'	21:40	08/06/2002	28.0	CUFE, LECA, BIO-ÓPTICA
29	E03	31° 11.69'	114° 28.56'	23:29	08/06/2002	37.2	CUFE, LECA, BIO-ÓPTICA
30	E2A	31° 09.26'	114° 33.25'	00:37	09/06/2002	24.4	
31	E02	31° 06.86'	114° 37.62'	01:27	09/06/2002	24.1	CUFE, BIO-ÓPTICA
32	EA1	31° 04.75'	114° 41.82'	02:14	09/06/2002	17.1	CUFE, LECA, BIO-ÓPTICA
33	E01	31° 02.76'	114° 45.73'	02:50	09/06/2002	14.9	CUFE, LECA
34	F01	30° 58.57'	114° 43.15'	03:52	09/06/2002	26.6	CUFE, LECA
35	G01	30° 53.59'	114° 39.58'	05:18	09/06/2002	33.0	CUFE, LECA
36	H01	30° 49.32'	114° 36.65'	06:24	09/06/2002	37.9	CUFE
37	H00	30° 46.50'	114° 38.68'	07:08	09/06/2002	26.0	
38	J01	30° 42.29'	114° 40.52'	07:52	09/06/2002	15.7	CUFE, LECA
39	J1A	30° 43.84'	114° 37.30'	08:29	09/06/2002	26.4	
40	J02	30° 45.33'	114° 34.28'	09:40	09/06/2002	37.5	CUFE, LECA
41	AA1	31° 09.66'	114° 39.48'	13:54	09/06/2002	23.2	BIO-ÓPTICA
42	AM1	31° 25.18'	114° 09.16'	23:28	10/06/2002	32.1	CUFE, LECA, BIO-ÓPTICA
43	AM2	31° 25.16'	114° 01.49'	01:07	11/06/2002	10.1	BIO-ÓPTICA
44	AA4	31° 31.42'	114° 14.71	03:27	11/06/2002	12.0	CUFE, LECA, BIO-ÓPTICA
45	B06	31° 31.91'	114° 18.30'	04:17	11/06/2002	22.8	CUFE, LECA
46	B05	31° 32.31'	114° 22.99'	05:14	11/06/2002	17.0	CUFE, LECA
47	A05	31° 35.17'	114° 22.06'	05:54	11/06/2002	13.5	CUFE, LECA
48	DATOS PERDIDOS						
49	A03	31° 33.08'	114° 32.55'	08:05	11/06/2002	12.5	CUFE, LECA
50	A02	31° 28.89'	114° 40.65'	09:50	11/06/2002	14.0	CUFE, LECA
51	B03	31° 25.01'	114° 37.62'	10:57	11/06/2002	19.0	CUFE, LECA
52	B04	31° 28.93'	114° 29.49'	12:30	11/06/2002	15.7	CUFE, LECA
53	C03	31° 20.52'	114° 34.92'	14:25	11/06/2002	10.0	CUFE, LECA
54	C04	31° 24.80'	114° 26.62'	16:12	11/06/2002	22.7	CUFE, LECA, BIO-ÓPTICA
55	C05	31° 28.12'	114° 19.88'	17:37	11/06/2002	27.5	CUFE, LECA, BIO-ÓPTICA
56	D06	31° 26.26'	114° 11.91'	19:35	11/06/2002	33.8	CUFE, LECA, BIO-ÓPTICA
57	AA2	31° 25.28'	114° 21.58'	23:24	11/06/2002	30.5	CUFE, LECA, BIO-ÓPTICA

CONTINUA TABLA I

58	D05	31°23.51'	114° 16.54'	01:00	12/06/2002	34.4	CUFE, LECA
59	D04	31° 20.24'	114° 23.16'	02:54	12/06/2002	24.1	CUFE, LECA, BIO-ÓPTICA
60	D03	31° 16.33'	114° 31.74'	04:23	12/06/2002	17.0	CUFE, LECA
61	E03	31°11.61'	114° 28.70'	05:44	12/06/2002	36.1	CUFE, LECA
62	E04	31° 15.95'	114° 19.87'	07:32	12/06/2002	45.7	CUFE, LECA
63	E05	31° 19.23'	114° 13.37'	09:11	12/06/2002	52.4	CUFE, LECA
64	E06	31° 21.55'	114° 08.65'	10:17	12/06/2002	33.9	CUFE, LECA
65	E07	31° 24.07'	114° 03.75'	11:10	12/06/2002	25.9	CUFE, LECA
66	E08	31° 26.62'	113° 58.87'	12:22	12/06/2002	9.5	CUFE, LECA
67	E09	31° 29.55'	113° 53.51'	14:39	12/06/2002	7.5	CUFE, LECA
68	F09	31° 25.11'	113° 50.32'	15:34	12/06/2002	10.5	CUFE, LECA
69	G09	31° 21.07'	113° 46.87'	16:53	12/06/2002	10.3	CUFE, LECA, BIO-ÓPTICA
70	H09	31° 16.99'	113° 43.40'	18:25	12/06/2002	25.4	CUFE, LECA, BIO-ÓPTICA
71	J11	31° 16.01'	113° 35.86'	20:54	12/06/2002	25.5	CUFE, LECA, BIO-ÓPTICA
72	J10	31° 13.38'	113° 40.66'	22:48	12/06/2002	35.5	CUFE, LECA, BIO-ÓPTICA
73	J09	31° 10.33'	113° 46.06'	00:52	13/06/2002	46.3	CUFE, LECA, BIO-ÓPTICA
74	H08	31° 13.82	113° 48.82'	01:11	13/06/2002	32.0	CUFE, LECA
75	G08	31° 18.24'	113° 52.17'	02:16	13/06/2002	21.6	CUFE, LECA
76	F08	31° 22.63'	113° 55.72'	03:37	13/06/2002	17.0	CUFE, LECA
77	E08	31° 26.61'	113° 58.79'	04:43	13/06/2002	10.2	CUFE, LECA
78	D08	31° 23.08'	114° 03.17'	05:48	13/06/2002	28.1	CUFE, LECA
79	D07	31° 28.41'	114° 06.99'	06:55	13/06/2002	7.5	CUFE, LECA
80	E07	31° 24.18'	114° 03.85'	08:12	13/06/2002	26.9	CUFE, LECA
81	F07	31° 20.00'	114° 00.82	09:15	13/06/2002	26.4	CUFE, LECA
82	G07	31° 15.77'	113° 57.44'	10:20	13/06/2002	51.2	CUFE, LECA
83	H07	31° 11.21'	113° 54.17'	11:27	13/06/2002	54.3	CUFE, LECA
84	J08	31° 07.43'	113° 51.30'	12:34	13/06/2002	53.1	CUFE, LECA
85	J07	31° 04.93'	113° 56.39'	13:33	13/06/2002	58.9	CUFE, LECA
86	H06	31° 08.75'	113° 59.07'	14:33	13/06/2002	50.5	CUFE, LECA, BIO-ÓPTICA
87	G06	31° 13.20'	114° 02.35'	15:39	13/06/2002	57.2	CUFE, LECA
88	F06	31° 17.17'	114° 05.64	16:38	13/06/2002	43.2	CUFE, LECA, BIO-ÓPTICA
89	E06	31° 21.67'	114° 08.85'	17:58	13/06/2002	30.7	CUFE, LECA, BIO-ÓPTICA
90	D06	31° 26.16'	114° 11.96'	18:59	13/06/2002	31.3	CUFE, LECA, BIO-ÓPTICA
91	C07	31° 29.10'	114° 11.61'	19:57	13/06/2002	14.0	CUFE, LECA, BIO-ÓPTICA
92	C06	31° 30.79'	114° 15.43'	21:32	13/06/2002	24.4	CUFE, LECA, BIO-ÓPTICA
93	D05	31° 23.87'	114° 16.38'	23:42	13/06/2002	36.0	CUFE, LECA, BIO-ÓPTICA
94	E05	31° 19.06'	114° 13.07'	01:22	14/06/2002	54.0	CUFE, LECA, BIO-ÓPTICA
95	F05	31° 15.12'	114° 10.06'	02:17	14/06/2002	67.0	CUFE, LECA
96	G05	31° 10.64'	114° 06.88'	03:18	14/06/2002	99.6	CUFE, LECA
97	K01	31° 14.00'	114° 05.55'	04:11	14/06/2002	70.8	CUFE, LECA
98	K02	31° 16.52'	114° 04.14'	04:56	14/06/2002	52.9	CUFE, LECA
99	K03	31° 18.13'	114° 03.26'	05:33	14/06/2002	52.6	CUFE, LECA, BIO-ÓPTICA
100	K04	31° 20.08'	114° 02.55'	06:12	14/06/2002	37.3	CUFE, LECA
101	K05	31° 22.23'	114° 01.14'	06:50	14/06/2002	16.1	CUFE, LECA
102	K06	31° 24.14'	114° 00.20'	07:27	14/06/2002	12.2	CUFE, LECA
103	E08	31° 26.67'	113° 58.83'	08:12	14/06/2002	12.3	CUFE, LECA
104	E07A	31° 25.53'	114° 01.41'	08:54	14/06/2002	12.2	CUFE, LECA
105	E07	31° 24.06'	114° 03.70'	09:36	14/06/2002	28.1	CUFE, LECA
106	E06A	31° 22.88'	114° 06.12'	10:22	14/06/2002	29.4	CUFE, LECA
107	E06	31° 21.47'	114° 08.66'	11:04	14/06/2002	33.8	CUFE, LECA
108	E05A	31° 20.25'	114° 11.24'	12:57	14/06/2002	48.7	CUFE, LECA
109	E05	31° 19.27'	114° 13.34'	13:35	14/06/2002	51.6	CUFE, LECA, BIO-ÓPTICA
110	F04	31° 11.72'	114° 16.77'	14:10	14/06/2002	40.6	CUFE, LECA
111	F03	31° 07.14'	114° 25.62'	15:40	14/06/2002	38.5	
112	F2A	31° 04.53'	114° 30.21'	16:33	14/06/2002	21.4	
113	F02	31° 02.73'	114° 34.66'	17:19	14/06/2002	21.3	
114	F1A	31° 00.59'	114° 38.90'	18:03	14/06/2002	21.8	
115	F01	30° 58.41	114° 42.92'	19:50	14/06/2002	26.3	

3. INSTRUMENTACIÓN.

3.1 Calibración del CTD.

El CTD *SBE-911 plus* número de serie 192268-3378, fabricado por Sea-Bird Electronics Inc. consta de una unidad submarina (adquisición, almacenaje y telemetría de datos con una razón de 24 Hz), a esta unidad submarina se le fijan los sensores y una unidad de control en cubierta, comunicados por medio de un cable conductor en el malacate del CTD. La unidad de control en cubierta permite además de la comunicación, el control y monitoreo del lance (Godínez *et al.*, 2001).

Las especificaciones de fábrica del CTD se muestran en la tabla II

TABLA II Especificaciones de los sensores del CTD Sea Bird proporcionados por el fabricante.

PARÁMETRO	RANGO	PRECISIÓN	RESOLUCIÓN	ESTABILIDAD
Conductividad [Siemens/m]	0-7	0.0003	0.00004	0.0002
Temperatura [°C]	-5 a 35	0.002	0.0002	0.0003
Presión [psia]	0-15000	0.015% de la escala completa	0.001 % de la escala completa	0.0015 % de la escala completa

Los sensores del CTD fueron calibrados en los laboratorios de Sea-Bird Electronics Inc. en el mes de abril del 2002. La tabla III muestra los resultados de sumergir los sensores de temperatura y conductividad en un baño de temperatura variable. El sensor de presión calibrado en enero del 2002, se hace por medio de un pistón estándar del tipo de Ruska modelo 2485 (García *et al.*, 1995). Las frecuencias de salida de los sensores son

usadas para tabular los coeficientes de calibración para ecuaciones de conversión a unidades de Sistema Internacional de Unidades en Oceanografía (UNESCO, 1985).

TABLA III. Experimentos de calibración para sensores de temperatura.

Temperatura Estándar [°C]	CTD [°C]	Residual [°C]
-1.49992	-1.50008	-0.00008
1.00010	1.00028	0.00008
4.50010	4.50020	0.00010
8.00026	8.00010	-0.00006
11.50013	11.50010	-0.00003
15.00017	15.00000	-0.00007
18.50011	18.50010	-0.00001
22.00010	22.00014	0.00004
25.50010	25.50015	0.00005
29.00010	29.00015	0.00005
32.50020	32.50014	-0.00006

Los sensores de conductividad del CTD también fueron comparados en laboratorio contra sus estándares, mediante 2 experimentos variando la temperatura y la salinidad, los resultados se muestran en la tabla IV.

TABLA IV. Resultados de calibración de conductividad en laboratorio.

Temperatura Estándar [°C]	Salinidad Estándar	Conductividad Estándar [S/m]	CTD [S/m]	Residual [S/m]
0.0000	0.0000	0.00000	0.00000	-0.00000
-1.4005	34.5708	2.75298	2.75299	0.00001
0.9995	34.5714	2.95698	2.95697	-0.00001
14.9995	34.5717	4.24472	4.24476	0.00004
18.4994	34.5719	4.58937	4.58933	-0.00004
28.9995	34.5685	5.66623	5.66626	0.00003
32.4995	34.5620	6.03659	6.03658	-0.00001

3.2 Adquisición de datos de CTD.

Los datos provenientes del CTD en forma de frecuencia y con una razón de muestreo de 24 Hz, fueron convertidos en datos digitales por la unidad de grabación *SBE-II plus*, la cual simultáneamente envía los datos digitalizados a una computadora personal donde son almacenados a la vez que son desplegados en forma gráfica. El único procesamiento en tiempo real es el submuestreo de datos crudos que son desplegados en la pantalla de la computadora para el monitoreo del lance.

4. PROCESAMIENTO Y PRESENTACIÓN DE LOS DATOS DE CTD.

El procesamiento de datos CTD tiene como objetivo producir perfiles limpios de toda clase de errores (ruido y spikes), es realizado con utilerías proporcionadas por el fabricante. Como primer paso, se convierte la información almacenada de los sensores del CTD, esto se realiza con el módulo DATCNV, después se identificaron y eliminaron

datos con diferencias mayores a dos desviaciones estándar entre 48 datos sucesivos (2 segundos) de presión, temperatura y conductividad, esto se realiza con el módulo WILDEDIT. Después es necesario corregir el desfase de tiempo entre las señales de los sensores de temperatura y conductividad, el cual ocurre, debido a la posición que tienen los sensores en el ducto de bombeo de agua. Dicha corrección se realiza con el módulo ALIGNCTD. Si esto no se corrige, se obtienen saltos ("spikes") en el cálculo de la salinidad en las zonas de fuerte gradiente térmico. Posteriormente se necesita reducir el ruido de alta frecuencia que presentan los sensores de presión y conductividad mediante la aplicación de un filtro recursivo de paso bajo con una constante de tiempo de 0.20 s y 0.045 s para los sensores anteriormente mencionados. Esto se realiza con el módulo FILTER. Después se necesita realizar un ajuste por el flujo del agua a través del ducto, lo cual produce anomalías térmicas en la celda de conductividad, sobre todo cuando el CTD pasa por gradientes de temperatura importantes. Se usa el módulo CELLTM para corregir esta anomalía, y se requiere de dos parámetros (α y τ) para minimizar las diferencias de salinidad entre el perfil de bajada y el perfil de subida, se utilizaron los valores recomendados por el fabricante (García *et al.*, 1999). Por última corrección se utiliza el módulo LOOPEDIT para corregir el error producido por el movimiento irregular del barco al descender o ascender el CTD.

Después de aplicar estos módulos, se tiene un perfil limpio que puede promediarse y calcular las diferentes variables oceanográficas de interés (UNESCO, 1988). Para calcular salinidad se usaron los algoritmos de Fofonoff y Millard (1983) y tomando en cuenta la recomendación de la UNESCO (1991) se reporta la anomalía de densidad (γ kgm^{-3}) en substitución de σ_t .

En el apéndice A se presentan los datos de CTD en forma de perfiles verticales de temperatura (Θ), salinidad y anomalía de densidad (γ), junto con un listado discretizado a profundidades seleccionadas y las variables meteorológicas obtenidas durante la estación. La simbología de los encabezados se da en la Tabla V. Cuando una variable no fue medida se reporta con 99.9, en el caso de la nubosidad con 9.

TABLA V. Simbología usada en los encabezados de los perfiles verticales de CTD.

ESTACIÓN	Nombre de la Estación
LANCE	Número de lance
LATITUD	Posición geográfica (°N)
LONGITUD	Posición geográfica (°W)
DD/MM/AA	Fecha día/mes/año
H	Tiempo Universal (UT)
PROFTOT	Profundidad del fondo (m)
TEMPSUP	Temperatura superficial [C°]
SALSUP	Salinidad superficial
TEBUHU	Temperatura del bulbo húmedo [C°]
TEBUSE	Temperatura del bulbo seco [C°]
V-MAG	Rapidez del viento [m/s]
DIR	Dirección del viento [azimut]
NUBES	Nubosidad [octas]
BAROM	Presión atmosférica [mb]
PR	Presión CTD
Θ	Temperatura de CTD [°C]
SA	Salinidad de CTD
γ	Densidad – 1000 [kg/m ³]

En la figura 2 se presenta un diagrama Θ -S de todos los lances de CTD, de las campañas FU0206, BIPII-0207 y FU0208.

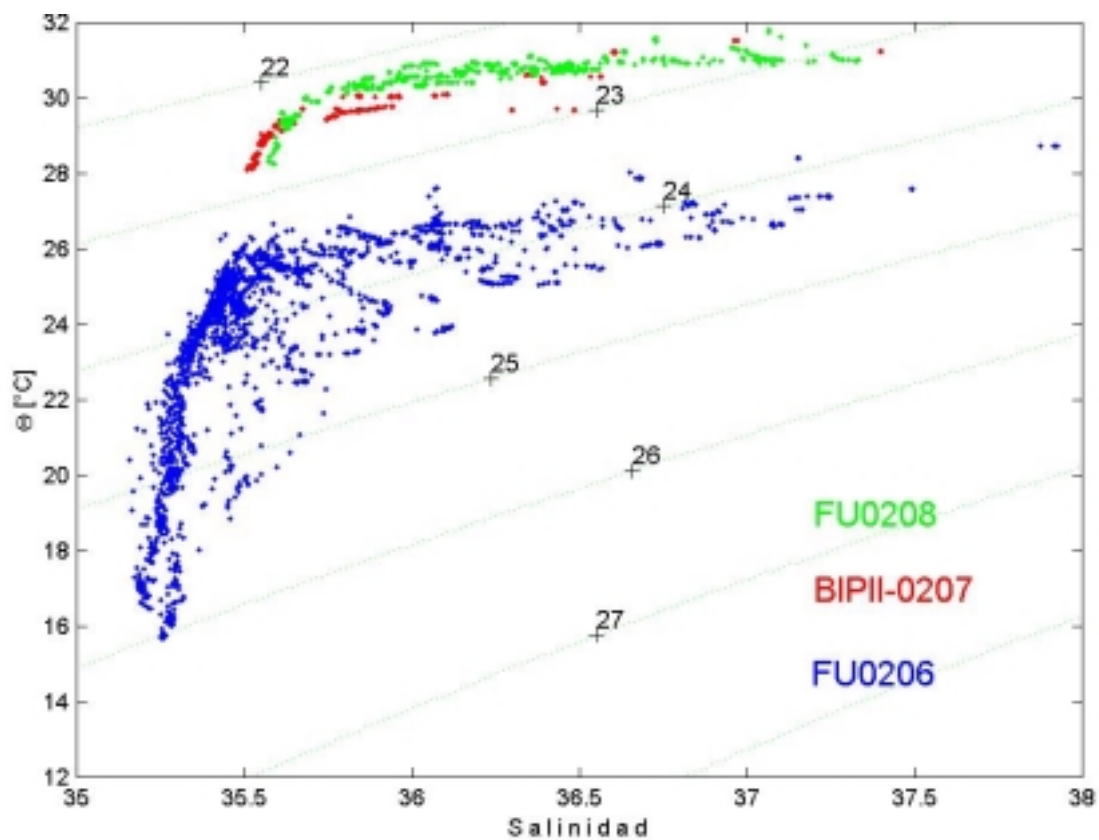


Figura 2. Diagrama Θ -S de todas las estaciones de CTD en las campañas FU0206, BIPII-0207 y FU0208.

5. AGRADECIMIENTOS.

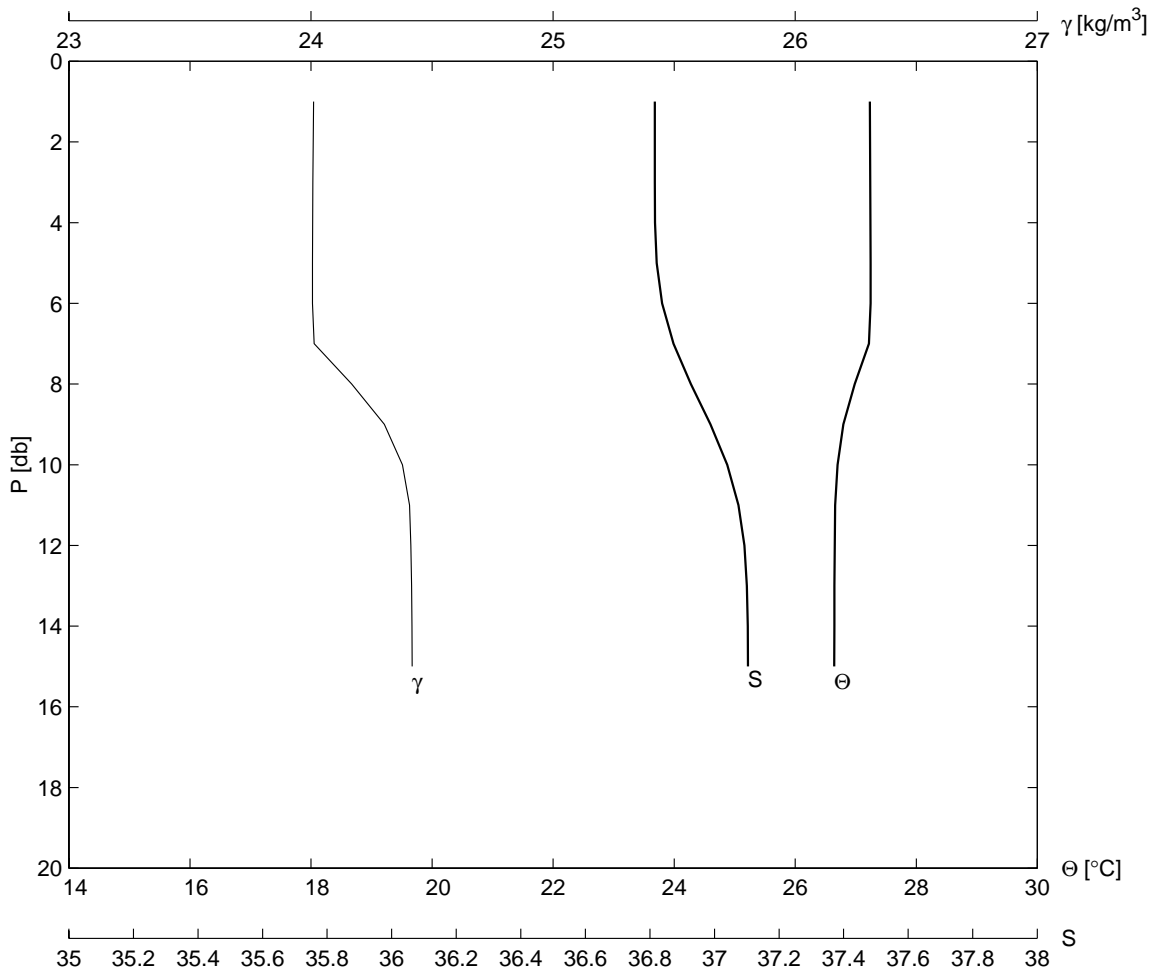
El presente trabajo es producto de los Proyectos UCMEXUS-CONACyT *Circulation and dispersion in the Upper Gulf of California*, *Concentración y flujo de sedimentos en suspensión en las planicies de marea del Alto Golfo de California*, y *Estuario del Río Colorado: Funcionamiento del área de crianza y eventos de desarrollo en el ciclo de vida del camarón y otras especies ecológica y comercialmente importantes* (IIO/UABC-CIBNOR). Se hace un reconocimiento especial al personal del Departamento de Oceanografía Física del CICESE, en especial a la tripulación del B/O Francisco de Ulloa por la exitosa campaña de mediciones. Al jefe de operaciones de la embarcación Ocean. Joaquín García Córdova, a Julieta Castro Sandoval y María Guadalupe Rodríguez León por su valiosa ayuda para la realización de la campaña oceanográfica.

6. BIBLIOGRAFÍA

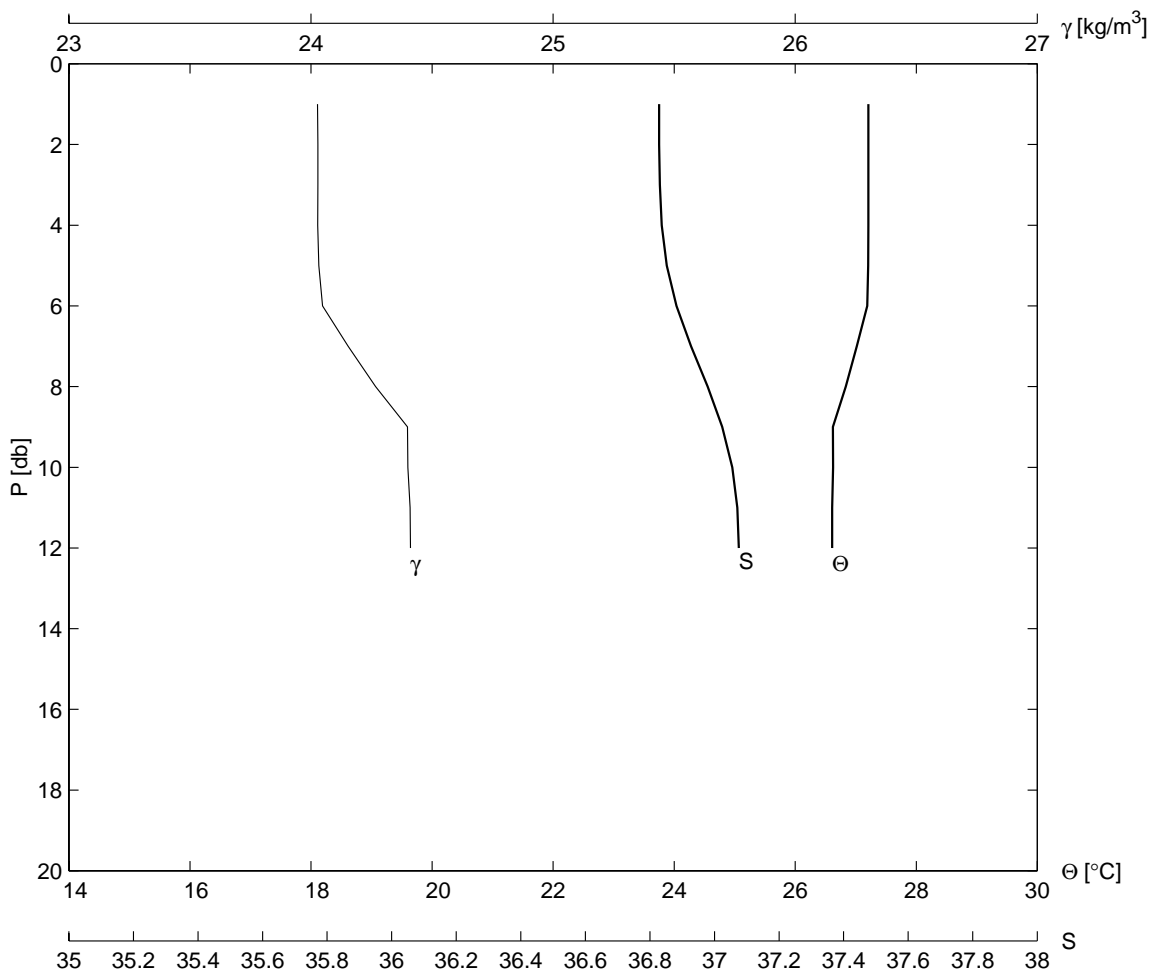
- Calderón-Aguilera L.E. y J.C. Burgueno. 1993. Análisis y evaluación de la situación actual de la pesquería de camarón (*Penaeus* sp) en el Golfo de California. Comunicaciones Académicas. Serie Ecología CICESE CIECT9301.
- Fofonoff, N. P., and R. C. Millard. Algorithms for computation of fundamental properties of seawater. UNESCO Technical Papers in Marine Science, 44. 53 pp. 1983.
- García C. Joaquín. José Ma. Robles y Carlos F. Flores Cabrera. Datos de CTD obtenidos en la Bahía de Todos Santos, B.C. Campaña BATOS 4. B/O Francisco de Ulloa. Marzo 22-24 de 1994. Informe Técnico CTOFT9506. Comunicaciones Académicas. Serie Oceanografía Física, CICESE. 75 pp. 1995.
- García, C. Joaquín. Reginaldo Durazo A. , Timothy Baumgartner M. Y Bertha Lavaniegos E. Hidrografía en la zona sureña del sistema de la corriente de California. Campaña IMECOCAL 9809/10. B/O Francisco de Ulloa. Septiembre28-Noviembre 1° de 1998. Informe Técnico CTEC9903. Comunicaciones Académicas. Serie Ecología, CICESE, 112 pp. 1999.
- Godínez Sandoval, V., Joaquín García C. , José Gómez V., Miguel Lavín P., José Robles P. y Rafael Ramírez M. Datos Hidrográficos de la Campaña Oceanográfica PROCOMEX II: Mayo del 2001. B/O Francisco de Ulloa. Abril-mayo del 2001. Informe Técnico CTOFT20019. Comunicaciones Académicas. Serie Oceanografía Física, CICESE, 143pp. 2001.
- UNESCO. The international system of units (SI) in oceanography. UNESCO technical papers in marine science. No. 45. 124 pp. 1985.
- UNESCO. The acquisition, calibration, and analysis of CTD data. UNESCO technical papers in marine science. No. 54. 94 pp. 1988.
- UNESCO. Processing of oceanographic station data. UNESCO technical papers in marine science. 138 pp. 1991.

7. APÉNDICE A: Perfiles verticales de temperatura (Θ °C), salinidad y anomalía de densidad (γ kgm⁻³) obtenidos con el CTD.

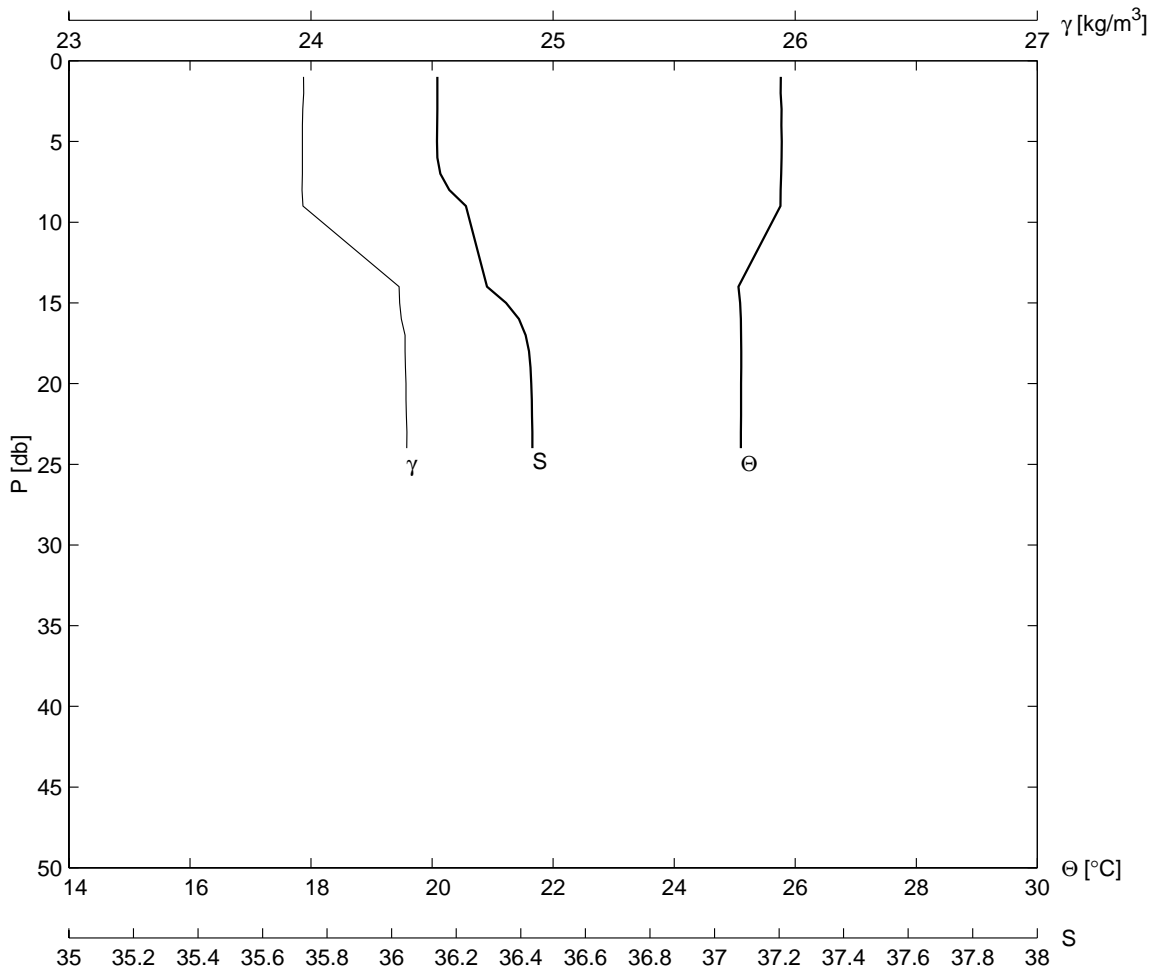
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
PM1	001	31 14.5	114 43.1	7	6	2002	0935		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
17.0	27.2	36.81	23.8	26.6	8.7	236	9	1005.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	27.237	36.815	24.009	4.506	7.0	27.218	36.813	24.013	4.506
3.0	27.241	36.815	24.008	4.506	8.0	26.985	36.917	24.168	4.517
4.0	27.244	36.815	24.007	4.505	9.0	26.794	37.016	24.303	4.529
5.0	27.246	36.815	24.006	4.505	10.0	26.701	37.075	24.378	4.538
6.0	27.244	36.814	24.006	4.505	15.0	26.645	37.104	24.418	4.543



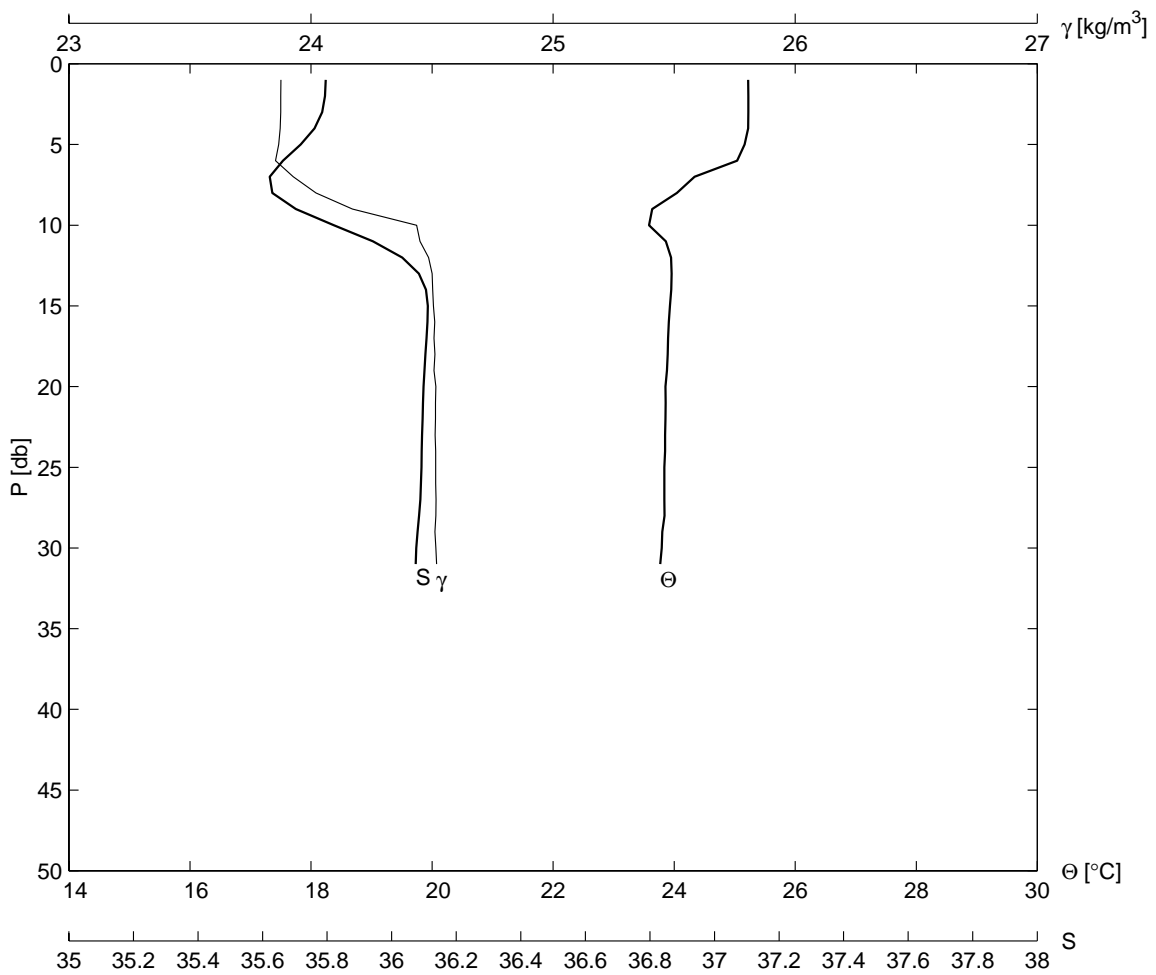
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
PM02	002	31 14.6	114 42.9	7	6	2002	1040		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
16.0	27.7	36.83	24.3	27.0	4.8	233	9	1006.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	27.210	36.829	24.028	4.508	7.0	27.017	36.912	24.154	4.515
3.0	27.210	36.829	24.028	4.507	8.0	26.836	36.986	24.267	4.528
4.0	27.210	36.828	24.028	4.507	9.0	26.624	37.071	24.399	4.543
5.0	27.207	36.833	24.032	4.507	10.0	26.625	37.072	24.400	4.545
6.0	27.189	36.846	24.048	4.508	12.0	26.611	37.081	24.411	4.546



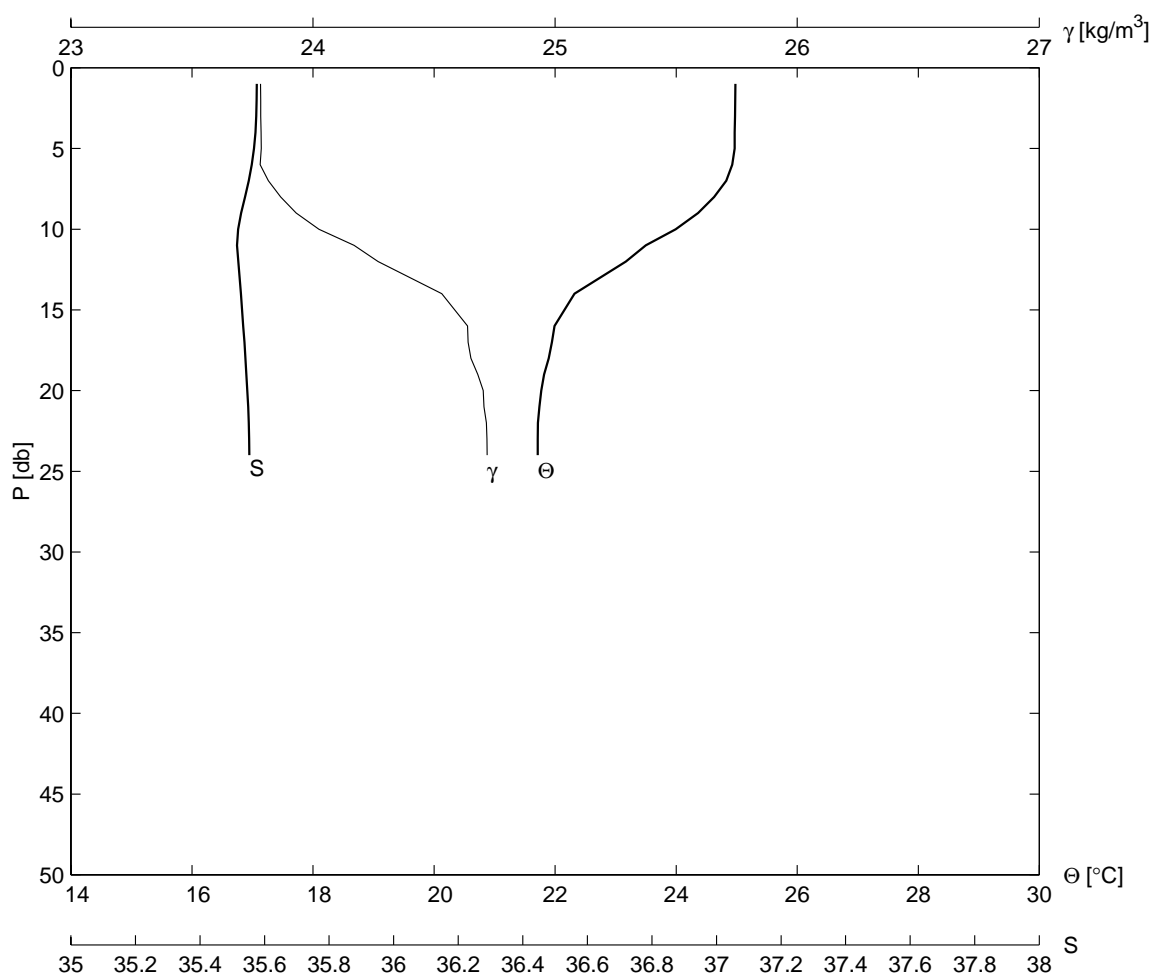
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
PM02	003	31	9.2	114	38.0	7	6	2002	1152
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
25.4	26.3	63.06	24.0	25.5	3.5	54	9	1006.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.760	36.141	23.970	4.636	7.0	25.767	36.138	23.965	4.635
3.0	25.775	36.143	23.966	4.634	8.0	25.761	36.133	23.963	4.636
4.0	25.772	36.140	23.965	4.635	9.0	25.755	36.135	23.967	4.636
5.0	25.777	36.142	23.965	4.634	15.0	25.090	36.392	24.366	4.682
6.0	25.773	36.140	23.964	4.634	20.0	25.107	36.434	24.392	4.679
24.0	25.104	36.436	24.395	4.679					



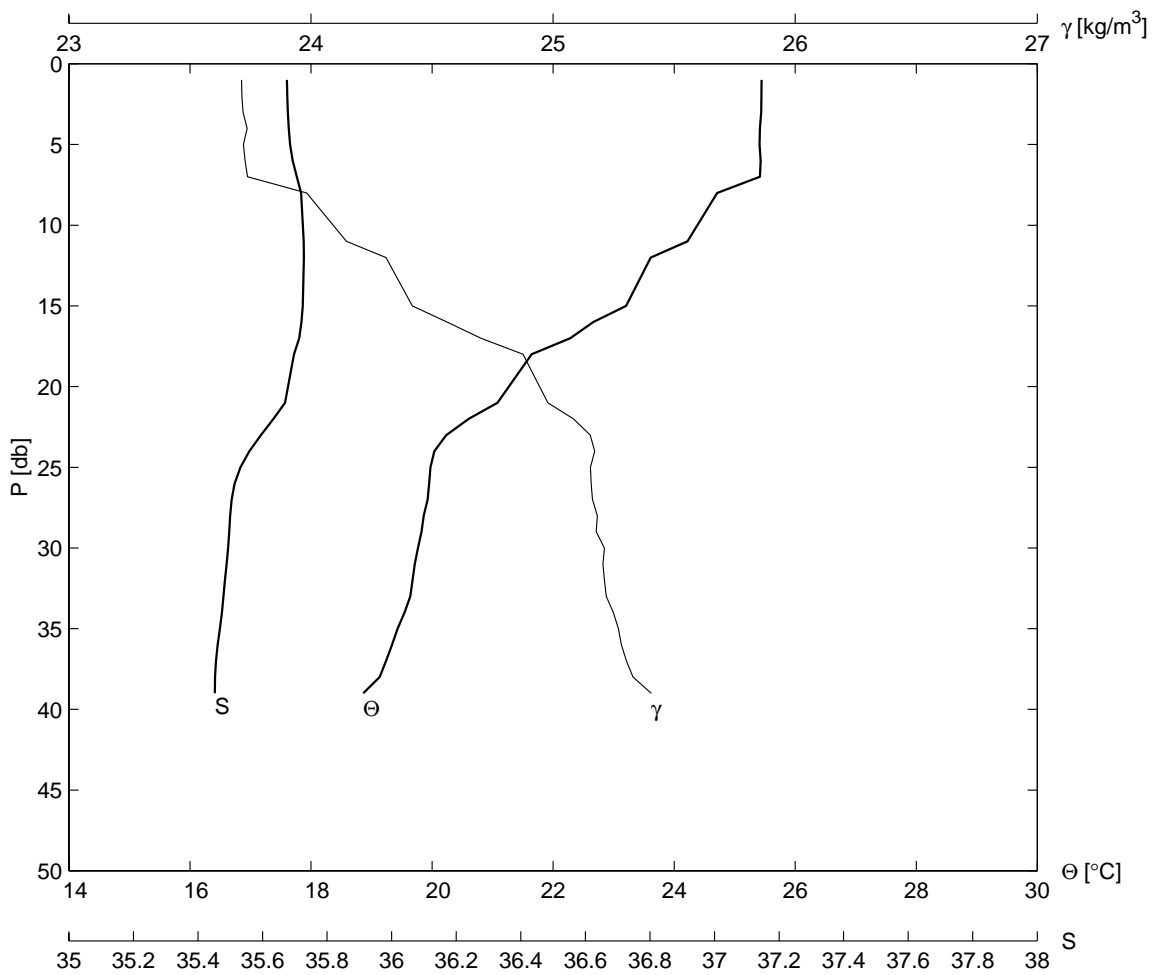
ESTACION PM0	LANCE 004	LATITUD 31 2.3	LONGITUD 114 32.7	DD MM 7 6	AA 2002	H[UT] 1319			
PROFTOT [m] 33.3	TEMSUP [°C] 25.8	SALSUP [ups] 35.80	TEBUHU [°C] 24.3	TEBUSE [°C] 27.0	V-MAG [m/s] 3.6	DIR [AZM] 194	NUBES [1/8] 9	BAROM [bar] 1006.0	
PR [db]	Θ [°C]	SA	γ [kg/m ³]	OX [ml/l]	PR [db]	Θ [°C]	SA	γ [kg/m ³]	OX [ml/l]
2.0	25.225	35.797	23.875	4.687	9.0	23.638	35.558	24.171	4.823
3.0	25.226	35.797	23.875	4.687	10.0	23.584	35.887	24.436	4.818
4.0	25.223	35.793	23.872	4.687	15.0	23.930	36.114	24.506	4.783
5.0	25.165	35.762	23.867	4.692	20.0	23.857	36.099	24.516	4.790
6.0	25.041	35.694	23.853	4.704	25.0	23.839	36.090	24.515	4.792
7.0	24.339	35.511	23.927	4.766	30.0	23.796	36.075	24.516	4.795
8.0	24.045	35.519	24.021	4.790	31.0	23.769	36.068	24.519	4.798



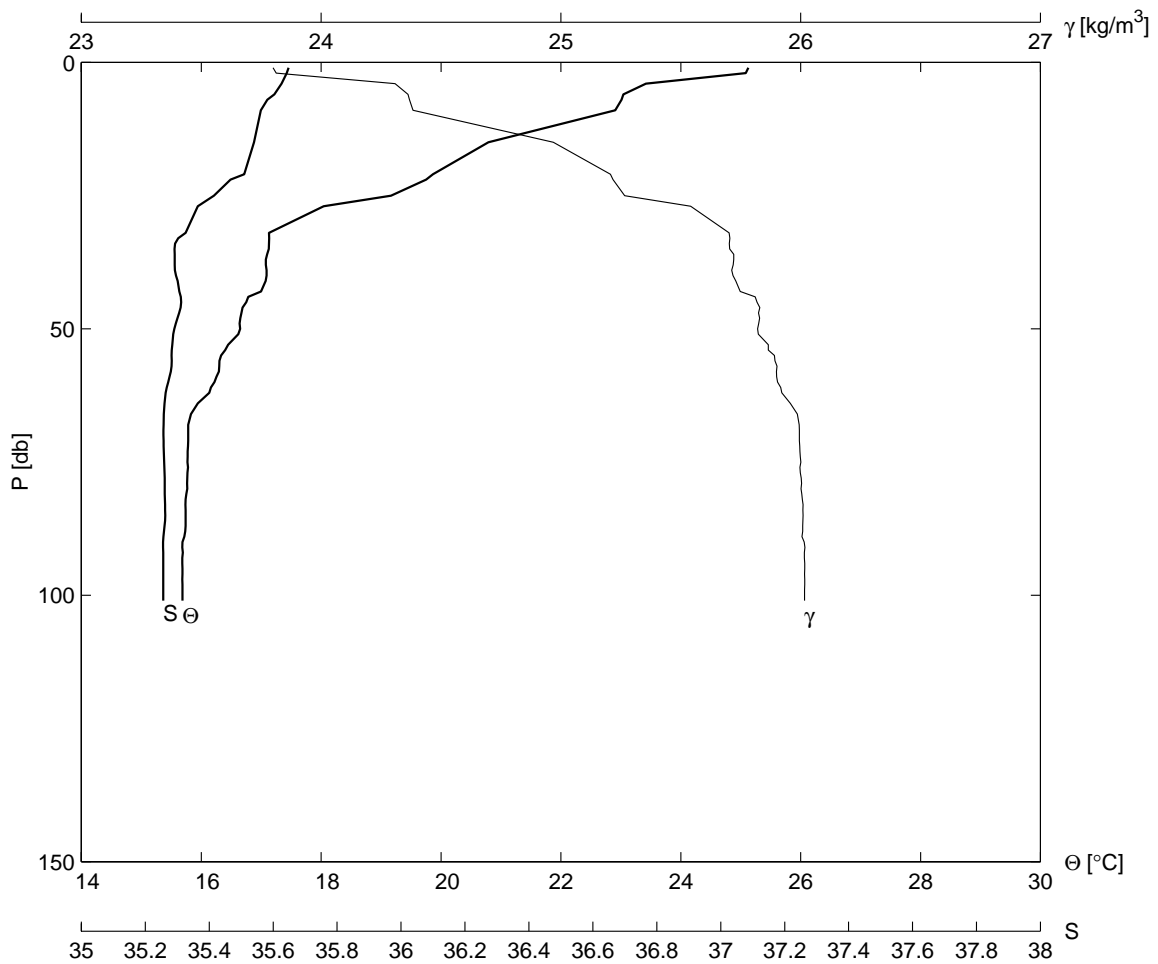
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
PM04	005	31	1.4	114	27.6	7	6	2002	1416
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
26.4	25.5	35.50	22.3	26.0	4.7	34	9	1006.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	24.976	35.576	23.784	4.713	7.0	24.828	35.558	23.815	4.725
3.0	24.973	35.575	23.784	4.713	8.0	24.629	35.546	23.867	4.741
4.0	24.968	35.575	23.786	4.713	9.0	24.363	35.526	23.931	4.764
5.0	24.968	35.576	23.786	4.713	10.0	23.992	35.503	24.024	4.795
6.0	24.927	35.554	23.782	4.717	20.0	21.771	35.554	24.703	4.985
24.0	21.714	35.554	24.719	4.990					



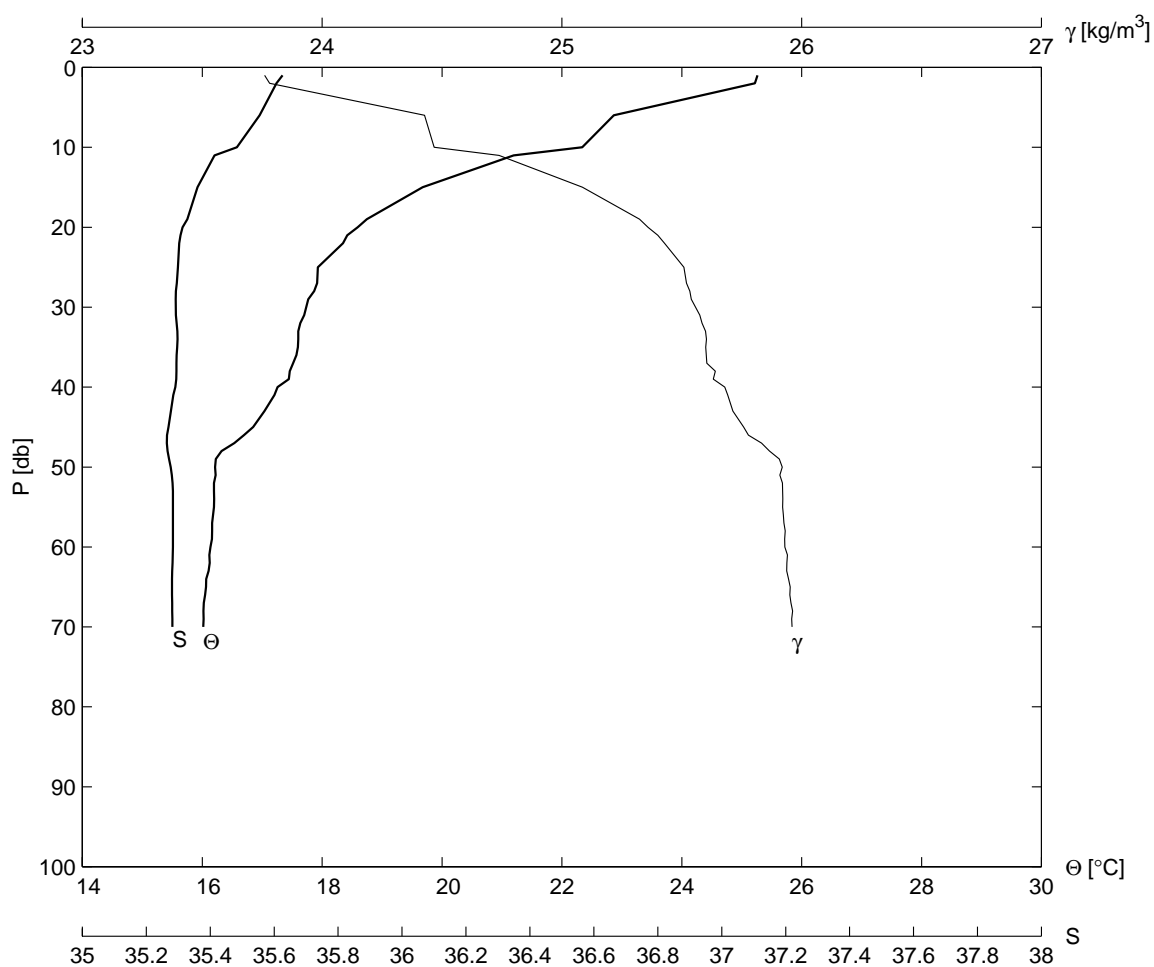
ESTACION PM0	LANCE 006	LATITUD 31 0.2	LONGITUD 114 20.9	DD MM 7 6	AA 2002	H[UT] 1545			
PROFTOT [m]	TEMSUP [°C]	SALSUP [ups]	TEBUHU [°C]	TEBUSE [°C]	V-MAG [m/s]	DIR [AZM]	NUBES [1/8]	BAROM [bar]	
42.0	26.0	35.67	23.5	26.5	6.0	60	9	1007.0	
PR [db]	Θ [°C]	SA	γ [kg/m ³]	OX [ml/l]	PR [db]	Θ [°C]	SA	γ [kg/m ³]	OX [ml/l]
2.0	25.441	35.673	23.715	4.673	7.0	25.417	35.694	23.738	4.674
3.0	25.438	35.678	23.719	4.673	8.0	24.711	35.732	23.983	4.730
4.0	25.418	35.692	23.736	4.674	15.0	23.206	35.718	24.418	4.855
5.0	25.412	35.669	23.721	4.675	25.0	19.975	35.506	25.154	5.152
6.0	25.430	35.686	23.728	4.673	30.0	19.768	35.510	25.212	5.172
39.0	18.865	35.458	25.406	5.261					



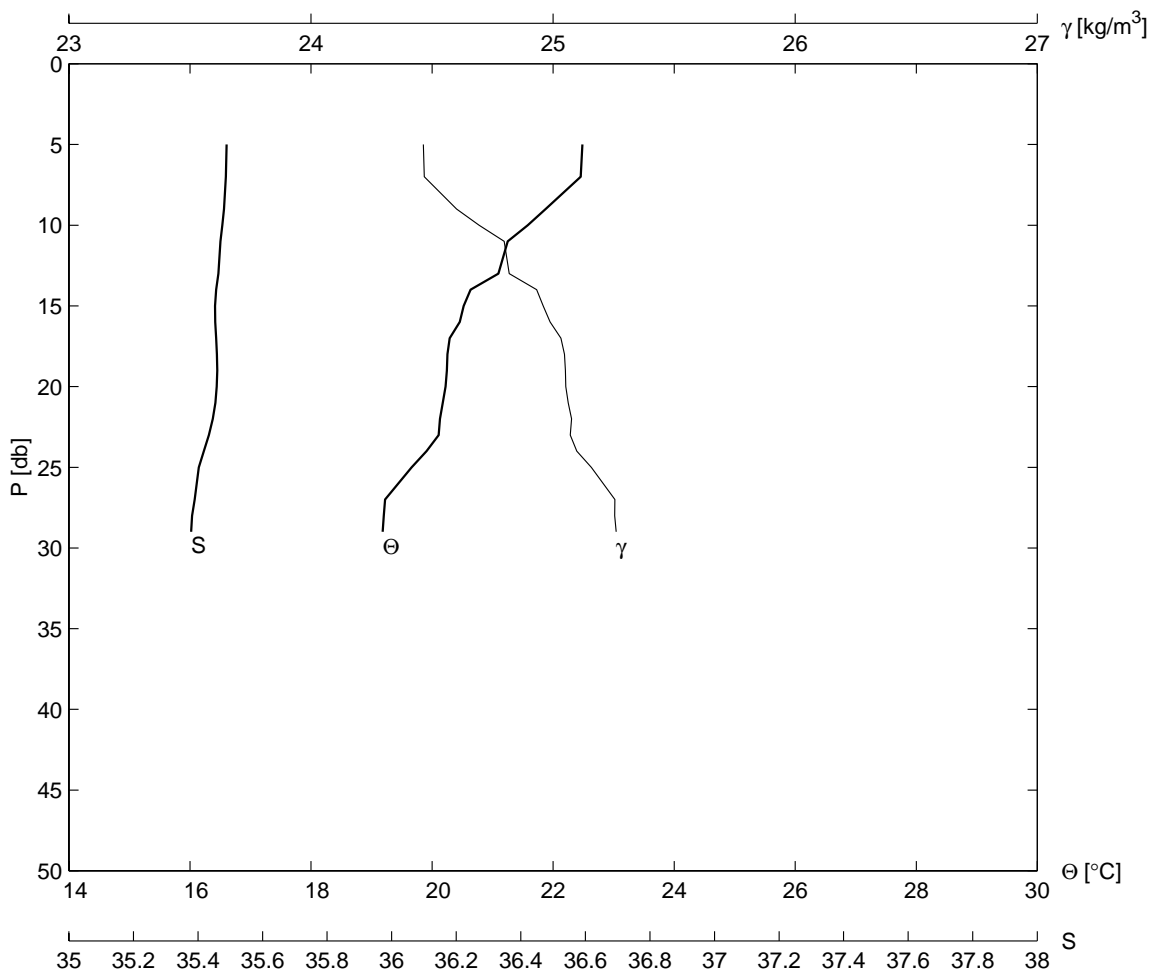
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
PM06	007	30 59.6	114 16.6	7	6	2002	1750		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
106.0	25.1	35.66	23.3	26.0	5.4	66	9	1007.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.083	35.657	23.813	4.702	40.0	17.091	35.293	25.718	5.448
4.0	23.419	35.655	24.309	4.839	50.0	16.648	35.290	25.820	5.495
6.0	23.043	35.581	24.362	4.873	60.0	16.222	35.269	25.904	5.542
7.0	23.011	35.578	24.369	4.876	70.0	15.783	35.257	25.995	5.591
9.0	22.907	35.557	24.383	4.885	80.0	15.767	35.261	26.002	5.592
15.0	20.790	35.548	24.969	5.074	90.0	15.686	35.254	26.014	5.602
25.0	19.166	35.376	25.266	5.234	100.0	15.688	35.257	26.016	5.601
101.0	15.687	35.256	26.016	5.601					



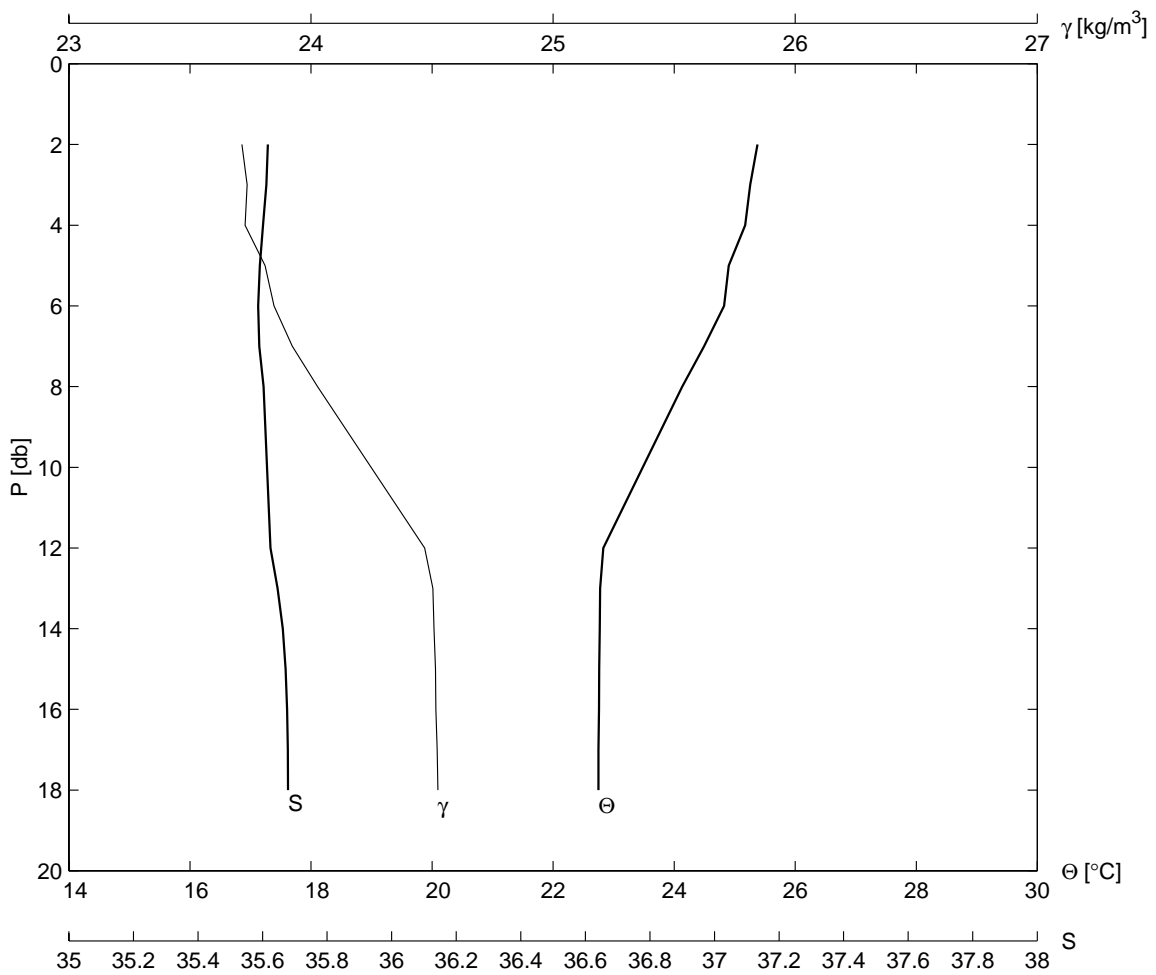
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
PM6A	008	31	3.8	114	19.2	7	6	2002	1844
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
74.0	25.8	35.66	24.5	29.8	5.4	222	9	1007.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.219	35.671	23.781	4.691	25.0	17.929	35.286	25.509	5.361
6.0	22.868	35.600	24.427	4.887	40.0	17.255	35.294	25.679	5.431
10.0	22.338	35.454	24.467	4.938	50.0	16.215	35.287	25.919	5.542
15.0	19.678	35.313	25.085	5.186	60.0	16.139	35.278	25.930	5.551
20.0	18.591	35.306	25.359	5.293	70.0	16.017	35.282	25.960	5.564
70.0	16.017	35.282	25.960	5.564					



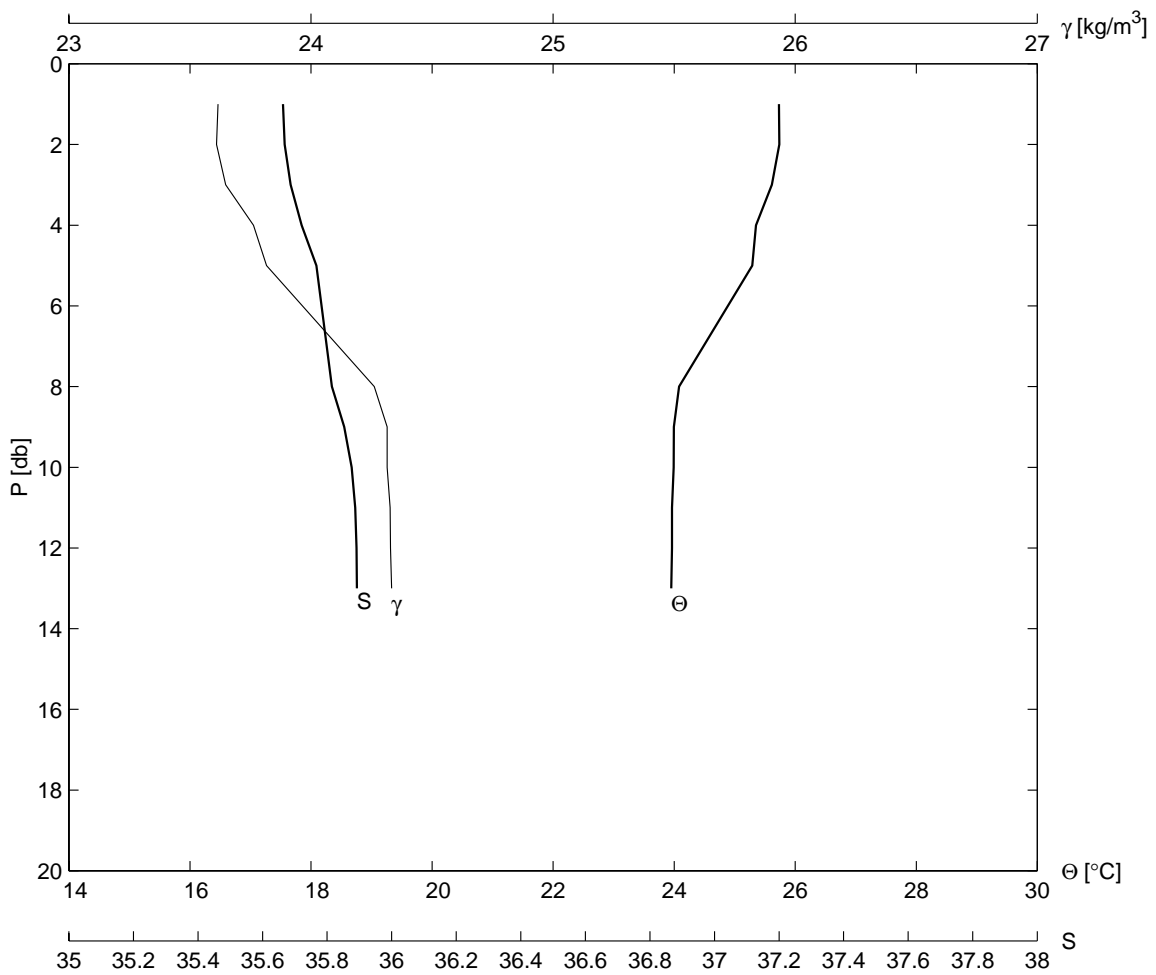
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
PM7	009	31	7.6	114	21.5	7	6	2002	2012
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
31.0	25.8	35.57	24.0	26.5	4.2	85	9	1008.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
5.0	22.485	35.505	24.465	4.923	15.0	20.522	35.441	24.959	5.103
7.0	22.458	35.499	24.468	4.926	20.0	20.224	35.459	25.053	5.130
9.0	21.875	35.459	24.601	4.978	25.0	19.662	35.403	25.158	5.185
10.0	21.580	35.473	24.695	5.005	29.0	19.184	35.375	25.260	5.232



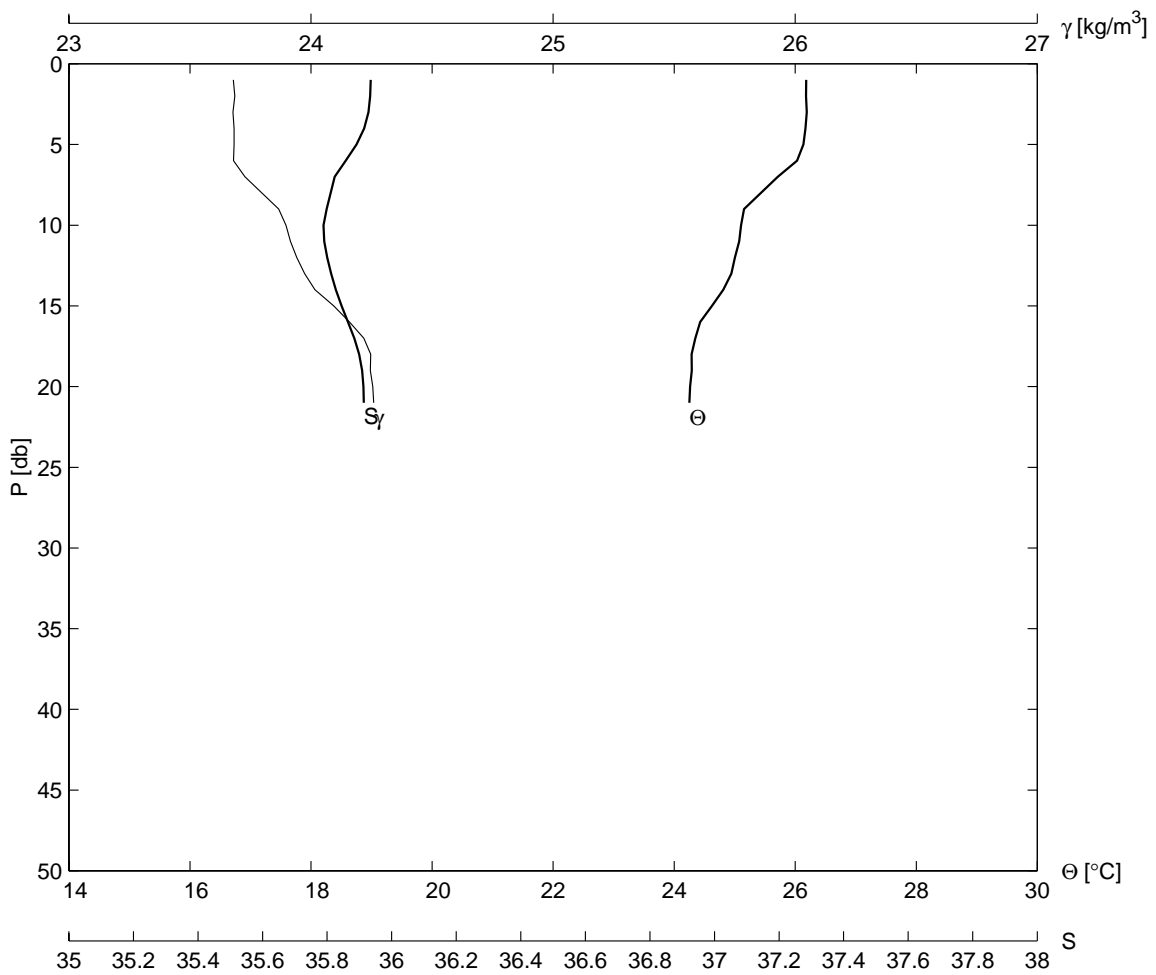
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
PM8	010	31 12.8	114 26.9	7	6	2002	2128		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
21.0	25.4	36.62	25.0	29.0	18.5	8.200000e+000		9 1008.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.378	35.647	23.715	4.678	6.0	24.824	35.598	23.847	4.724
3.0	25.258	35.627	23.736	4.689	7.0	24.495	35.567	23.923	4.752
4.0	25.172	35.581	23.728	4.697	8.0	24.135	35.563	24.027	4.782
5.0	24.903	35.581	23.810	4.718	15.0	22.762	35.675	24.514	4.894
18.0	22.749	35.684	24.525	4.895					



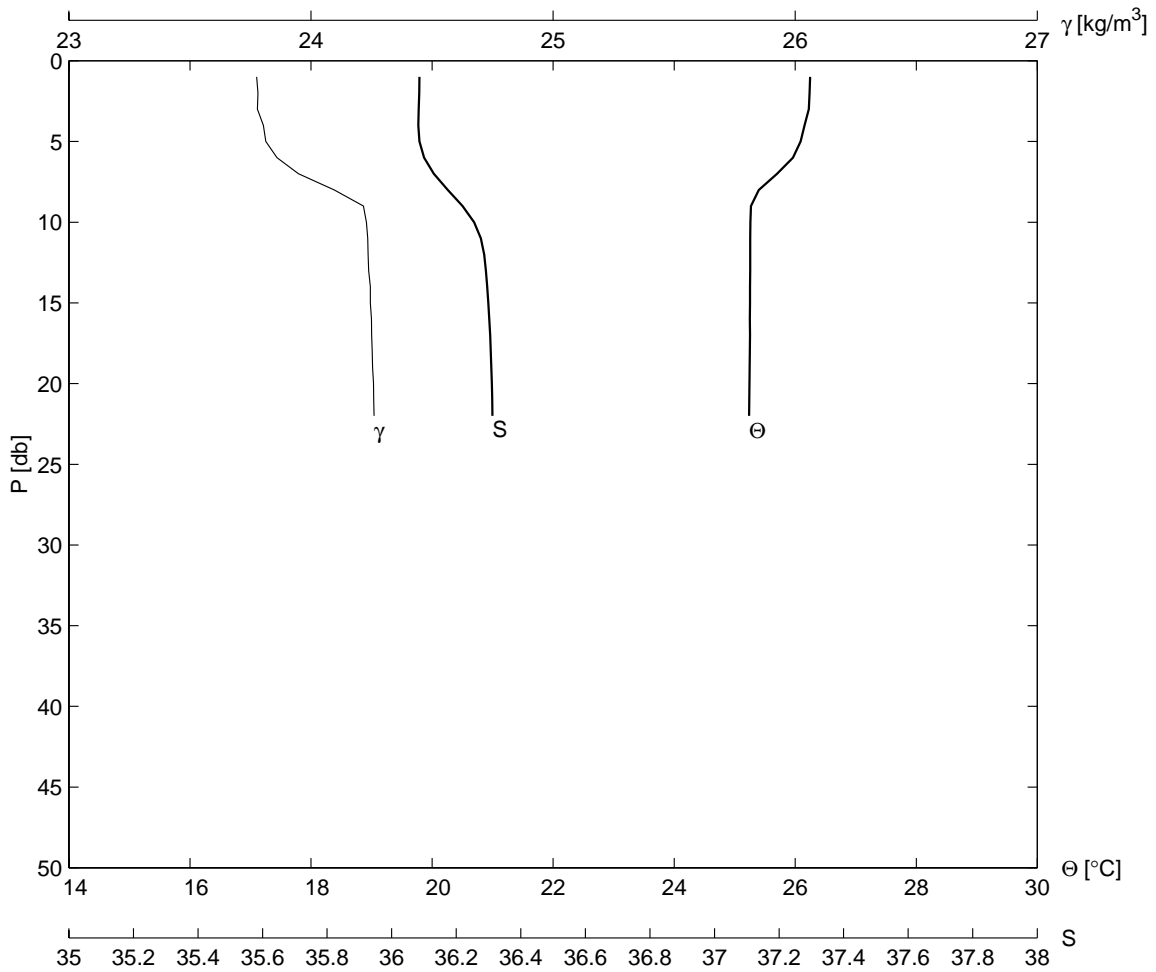
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
PM9	011	31 16.5	114 31.2	7	6	2002	2244		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
16.0	26.3	35.66	26.0	29.5	6.3	58	9	1007.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.737	35.656	23.610	4.650	8.0	24.081	35.850	24.261	4.778
3.0	25.615	35.655	23.648	4.660	9.0	23.997	35.887	24.314	4.784
4.0	25.352	35.700	23.763	4.679	10.0	23.991	35.885	24.314	4.785
5.0	25.292	35.747	23.817	4.683	13.0	23.952	35.895	24.333	4.787



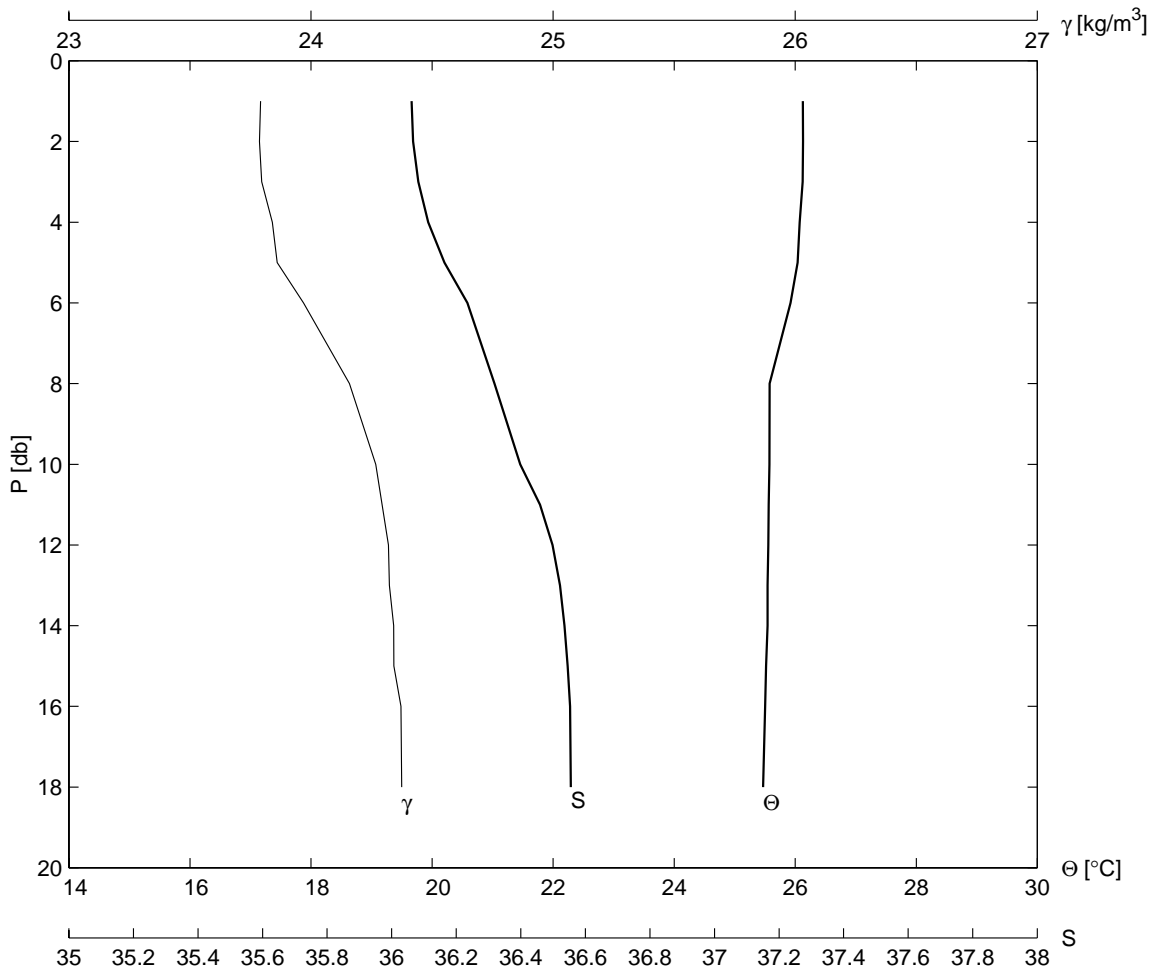
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
PM10	012	31 16.0	114 31.7	7	6	2002	2327		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
23.8	26.6	35.93	24.5	25.5	7.9	57	9	1004.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.179	35.939	23.686	4.608	7.0	25.712	35.800	23.727	4.648
3.0	26.193	35.934	23.678	4.607	9.0	25.156	35.758	23.867	4.693
4.0	26.171	35.931	23.683	4.609	10.0	25.107	35.778	23.897	4.697
5.0	26.134	35.916	23.682	4.612	15.0	24.625	35.845	24.094	4.734
6.0	26.030	35.869	23.680	4.622	20.0	24.264	35.915	24.255	4.761
21.0	24.252	35.915	24.259	4.762					



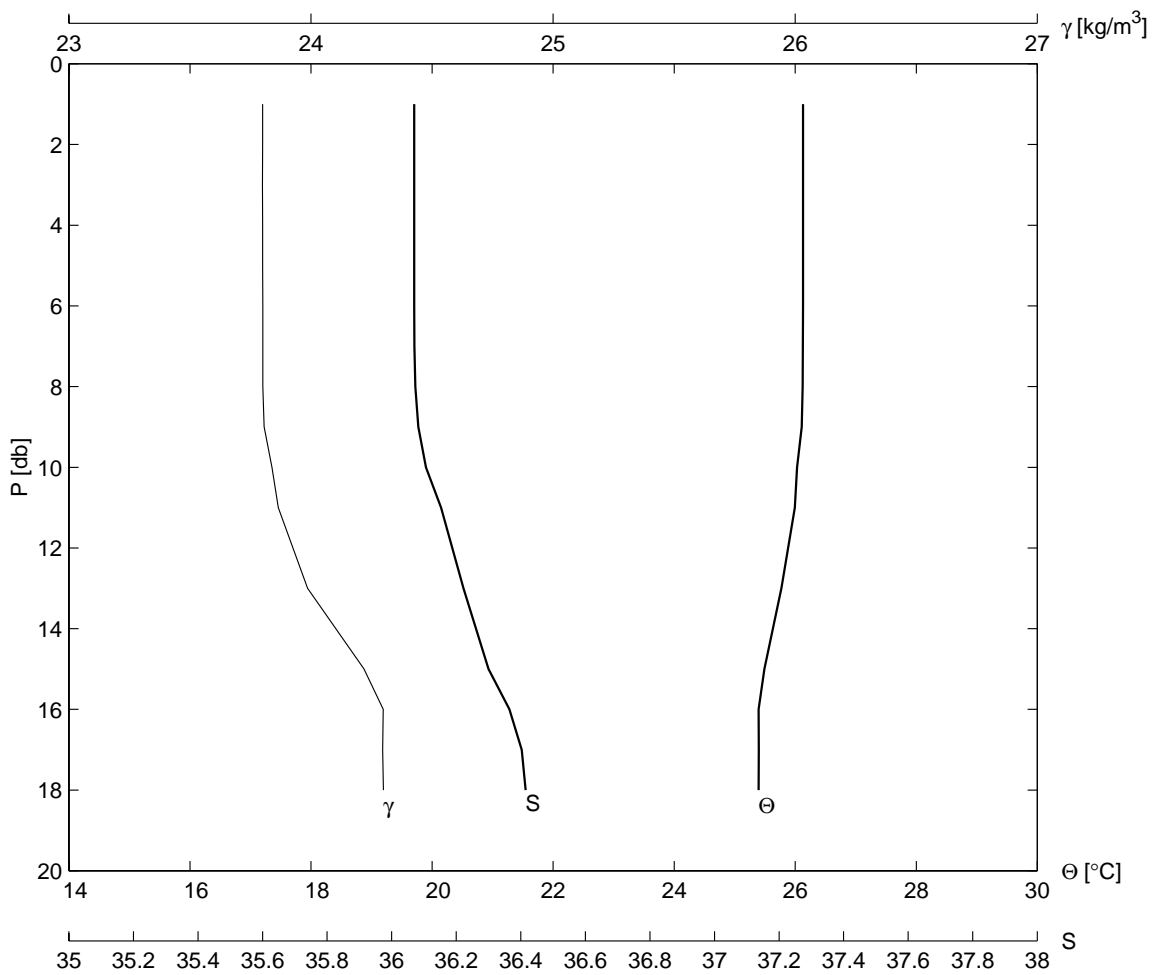
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
PM11	013	31 13.5	114 35.2	8	6	2002	0044		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
24.2	26.7	35.99	24.0	25.5	30.9	10	9	1004.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.238	36.089	23.781	4.600	8.0	25.398	36.160	24.096	4.663
3.0	26.224	36.081	23.779	4.601	9.0	25.268	36.267	24.217	4.671
4.0	26.156	36.085	23.804	4.606	10.0	25.259	36.280	24.229	4.671
5.0	26.090	36.071	23.813	4.612	15.0	25.255	36.299	24.245	4.671
6.0	25.962	36.080	23.860	4.621	20.0	25.243	36.312	24.259	4.672
7.0	25.699	36.088	23.948	4.641	22.0	25.239	36.313	24.261	4.672



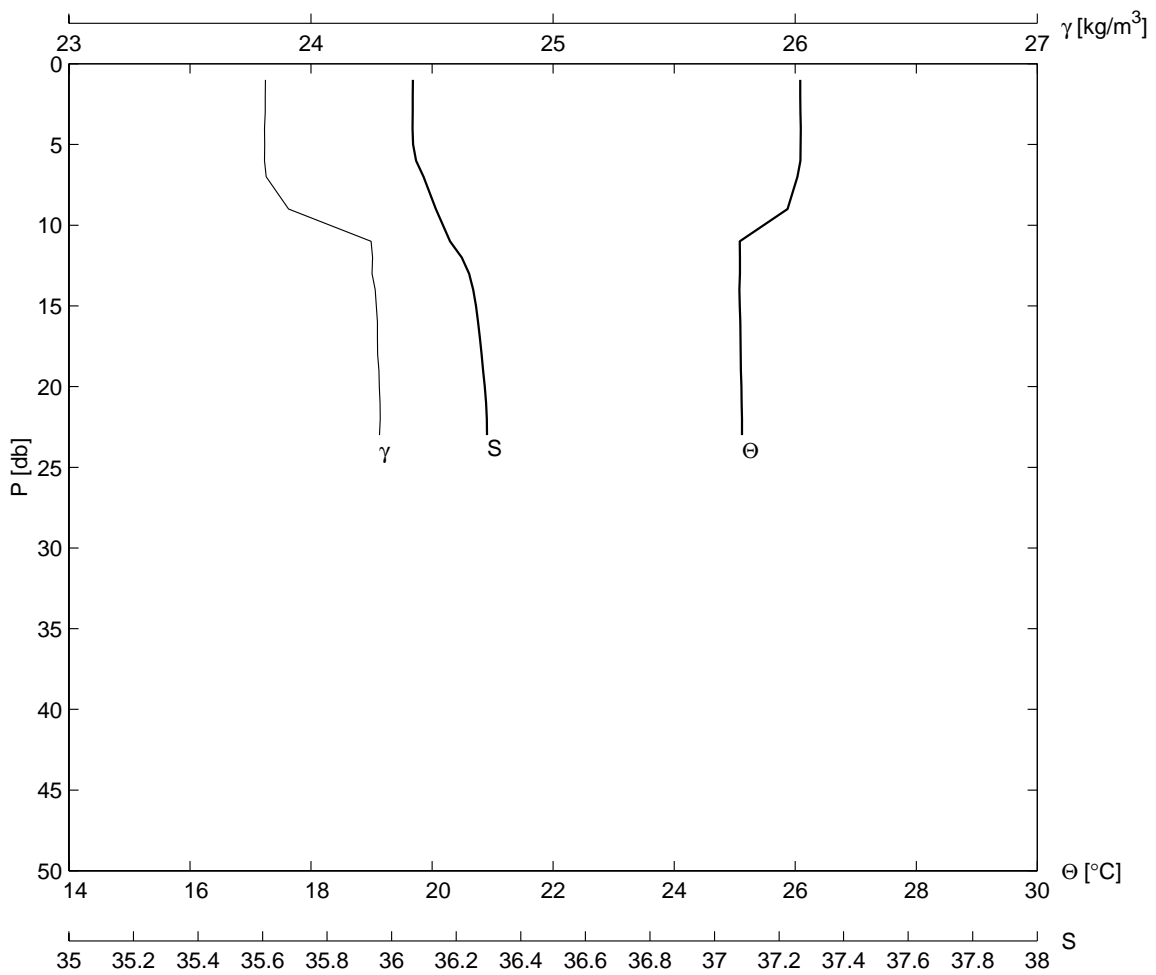
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
PM12	014	31 12.6	114 36.5	8	6	2002	0228		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
19.7	26.6	36.06	24.0	25.3	4.8	225	9	1003.5	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.131	36.053	23.787	4.609	6.0	25.922	36.207	23.969	4.621
3.0	26.124	36.062	23.796	4.609	8.0	25.578	36.317	24.159	4.645
4.0	26.074	36.100	23.841	4.612	10.0	25.573	36.458	24.267	4.642
5.0	26.039	36.112	23.860	4.614	15.0	25.520	36.536	24.343	4.644
18.0	25.471	36.558	24.375	4.647					



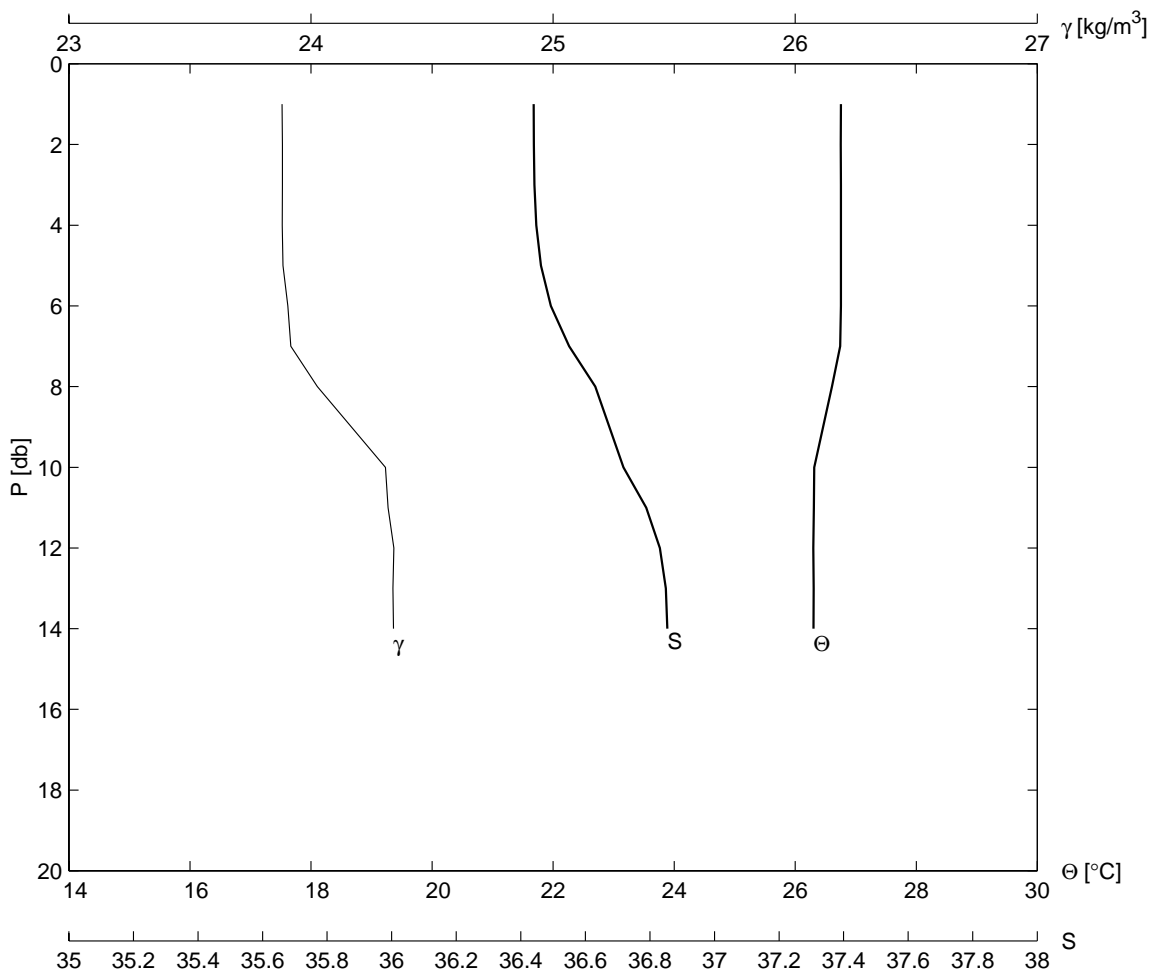
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
PM13	015	31 12.3	114 37.4	8	6	2002	0334		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
20.1	26.6	36.07	24.5	25.0	1.2	141	9	1003.5	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.129	36.070	23.800	4.609	7.0	26.127	36.070	23.801	4.609
3.0	26.129	36.069	23.800	4.609	8.0	26.124	36.069	23.801	4.609
4.0	26.129	36.070	23.800	4.609	9.0	26.108	36.069	23.807	4.610
5.0	26.129	36.070	23.800	4.609	10.0	26.031	36.080	23.839	4.616
6.0	26.129	36.070	23.801	4.609	15.0	25.492	36.362	24.219	4.651
18.0	25.395	36.428	24.299	4.657					



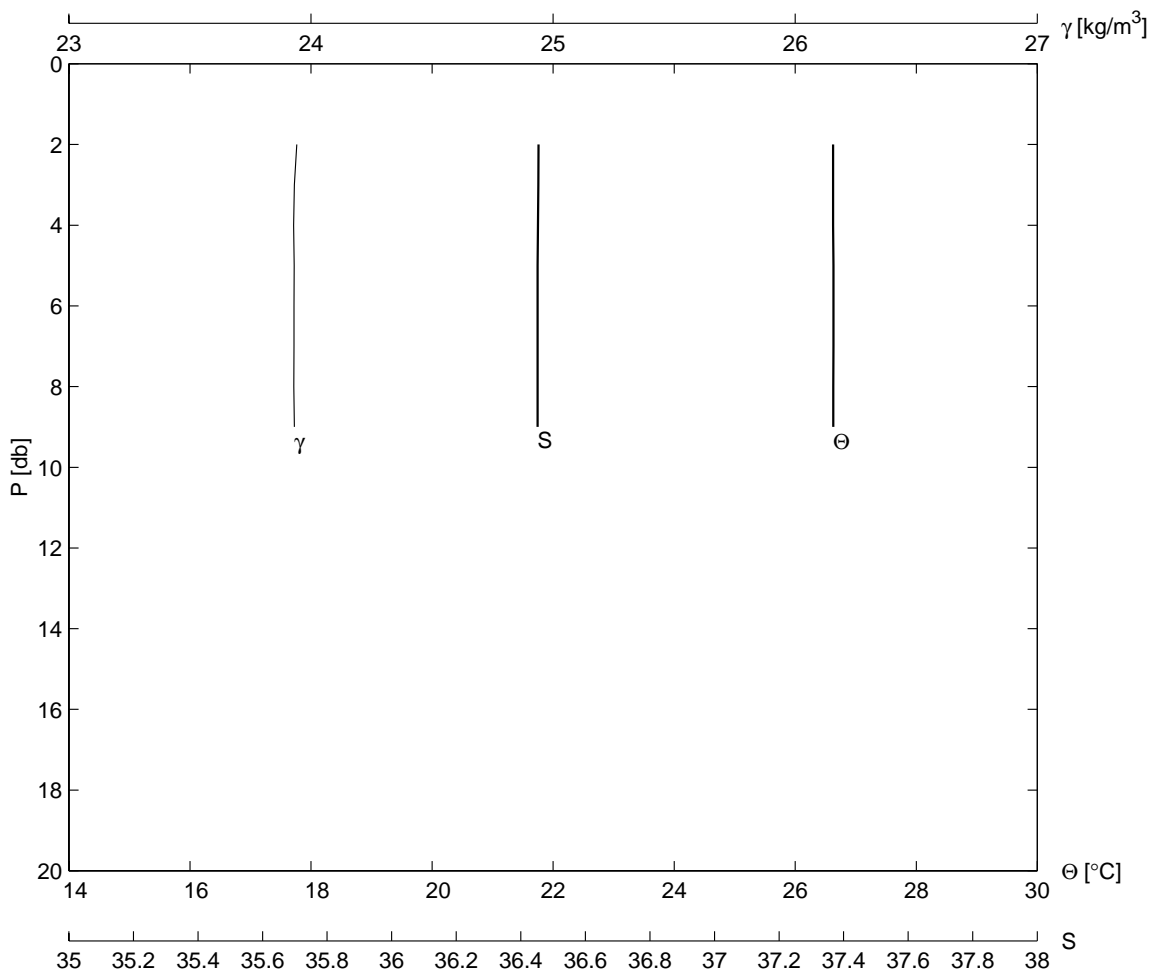
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
PM14	016	31 11.8	114 37.8	8	6	2002	0440		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
25.6	26.5	36.07	25.0	26.0	2.8	13	9	1003.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.084	36.065	23.811	4.612	7.0	26.035	36.050	23.815	4.616
3.0	26.087	36.066	23.811	4.612	9.0	25.872	36.105	23.907	4.628
4.0	26.092	36.064	23.808	4.612	15.0	25.083	36.262	24.270	4.686
5.0	26.088	36.064	23.809	4.612	20.0	25.110	36.289	24.282	4.683
6.0	26.087	36.063	23.808	4.612	23.0	25.121	36.295	24.283	4.682



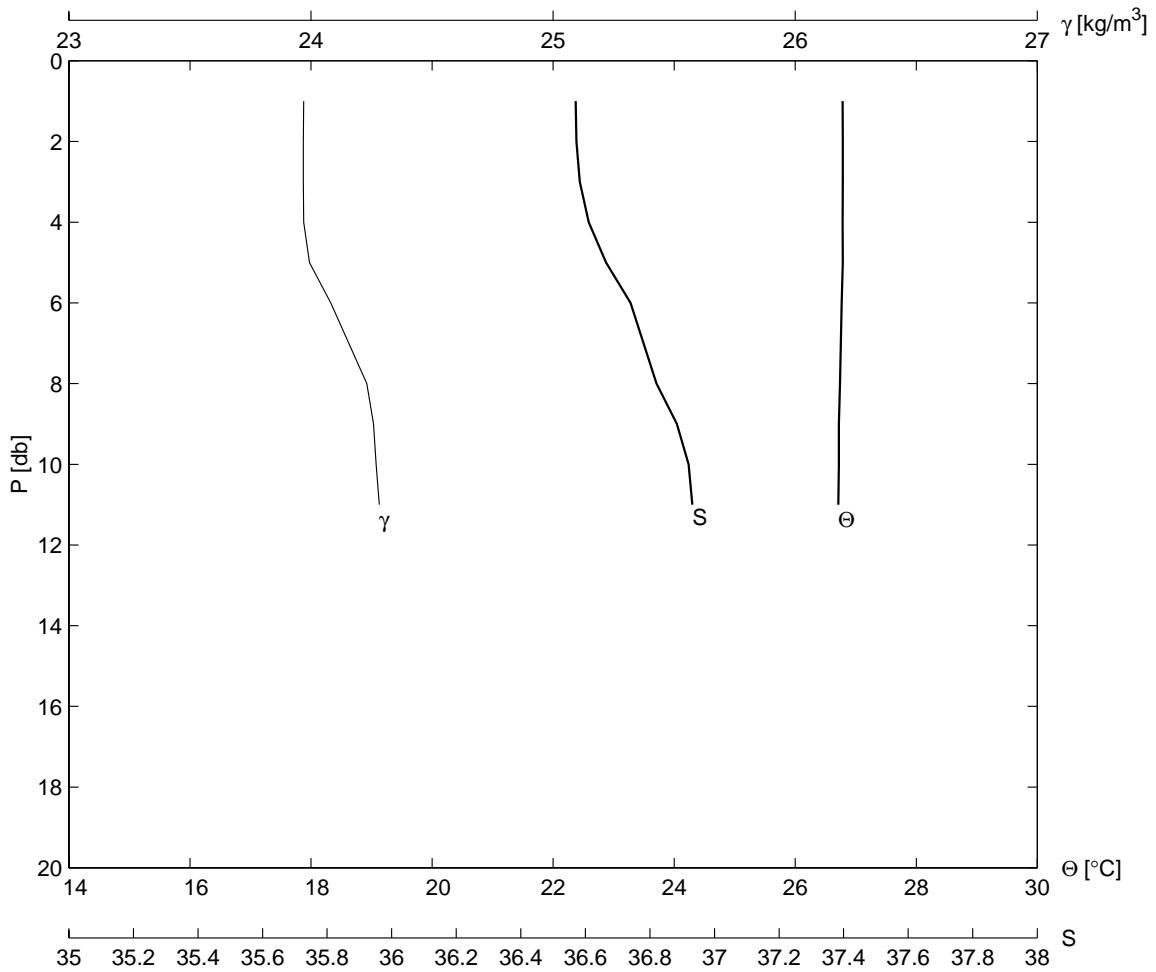
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
PM15	017	31 9.8	114 41.8	7	6	2002	0618		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
19.7	27.1	36.44	24.3	26.0	2.8	30	9	1004.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.753	36.440	23.882	4.551	6.0	26.757	36.471	23.904	4.550
3.0	26.755	36.441	23.882	4.551	7.0	26.743	36.482	23.916	4.551
4.0	26.756	36.440	23.881	4.551	8.0	26.607	36.569	24.026	4.559
5.0	26.756	36.444	23.884	4.551	10.0	26.313	36.819	24.308	4.575
14.0	26.303	36.858	24.341	4.575					



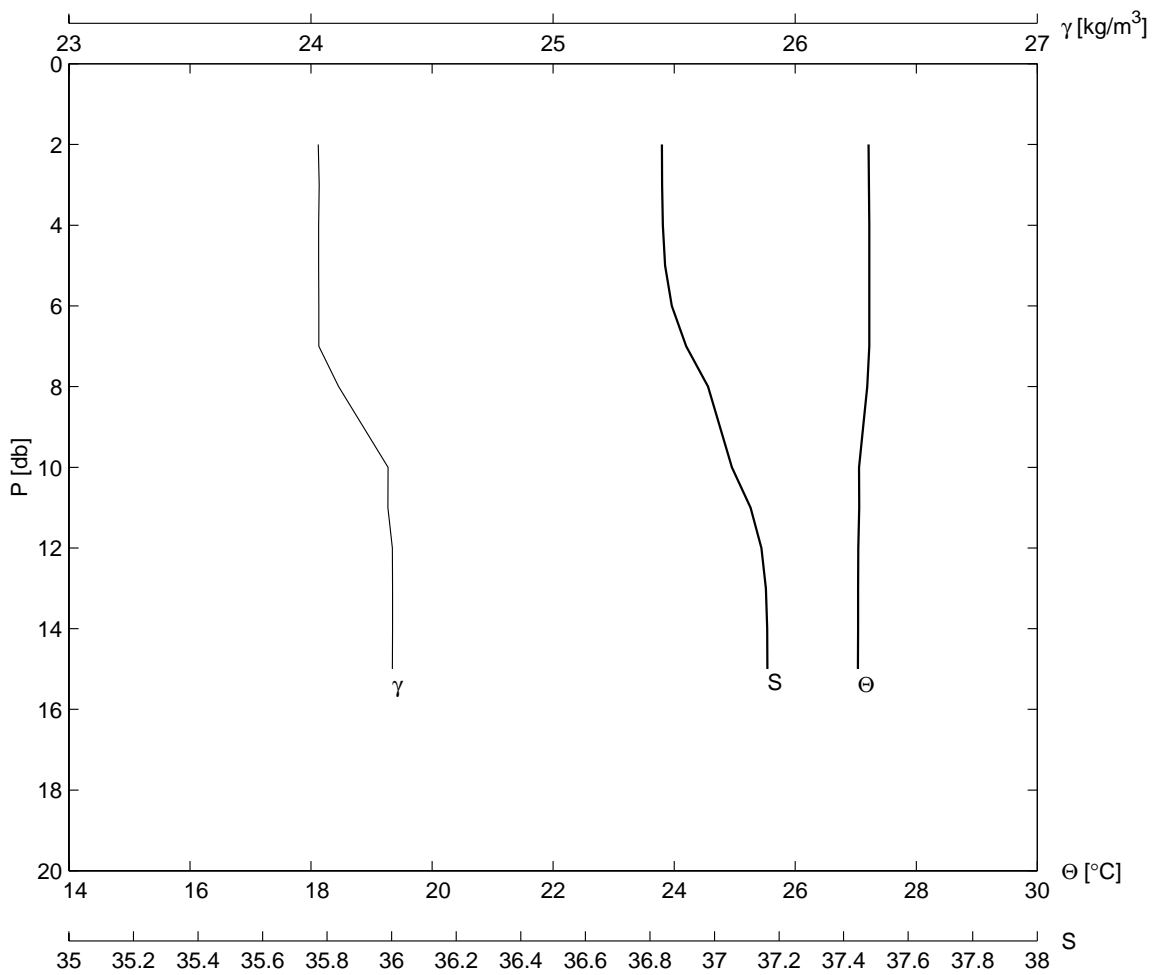
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
PM16	018	31	8.5	114	49.7	8	6	2002	0739
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
11.0	27.0	35.91	25.0	26.0	1.4	11	9	1004.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.628	36.466	23.942	4.560	6.0	26.632	36.453	23.930	4.560
3.0	26.627	36.452	23.931	4.561	7.0	26.632	36.452	23.930	4.560
4.0	26.627	36.448	23.928	4.561	8.0	26.630	36.450	23.929	4.561
5.0	26.631	36.453	23.931	4.560	9.0	26.629	36.454	23.932	4.561
9.0	26.629	36.454	23.932	4.561					



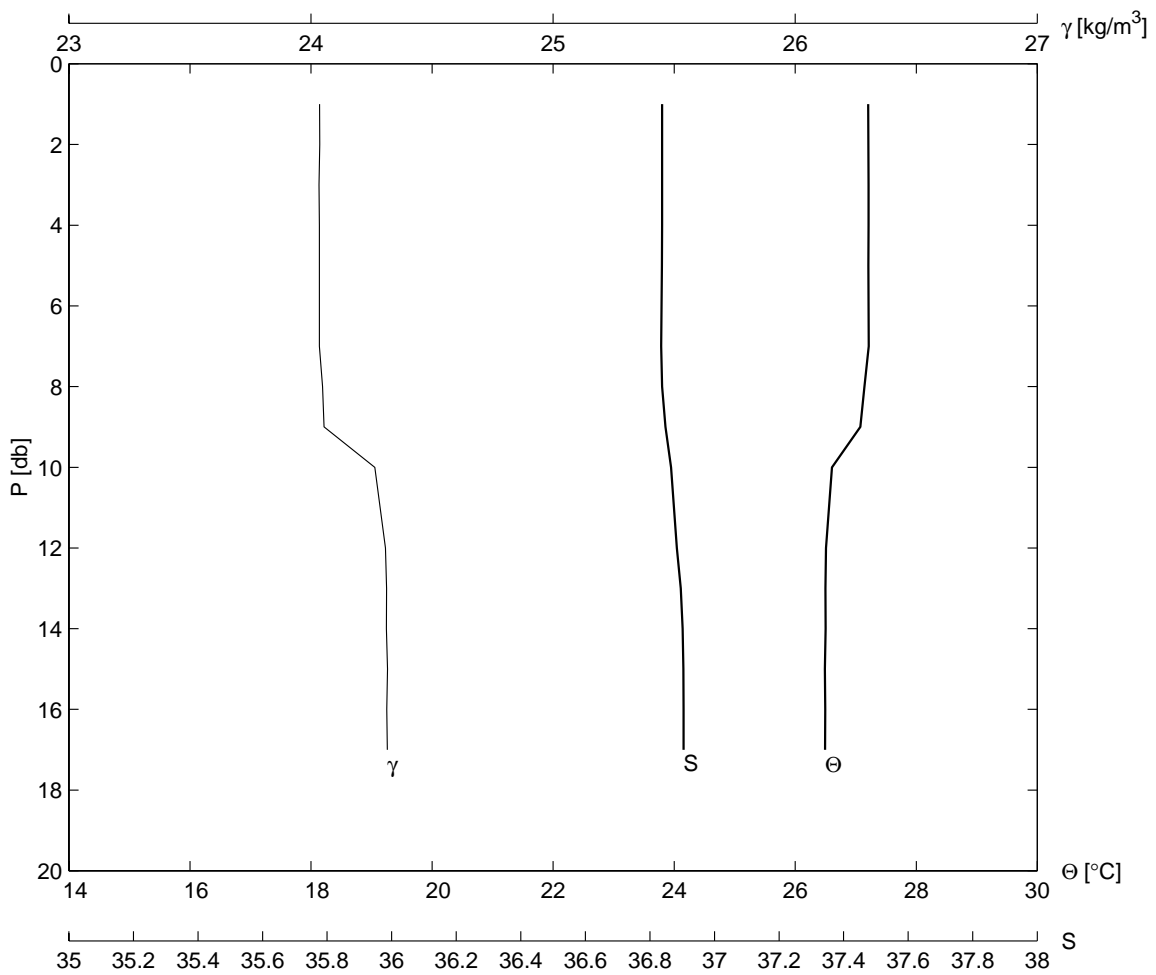
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
PM17	019	31 12.2	114 46.9	8	6	2002	0919		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
13.0	27.2	36.57	25.0	27.0	4.1	128	9	1004.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.785	36.569	23.969	4.546	6.0	26.769	36.712	24.082	4.543
3.0	26.786	36.569	23.968	4.546	8.0	26.739	36.896	24.230	4.541
4.0	26.784	36.569	23.970	4.546	9.0	26.722	36.926	24.258	4.541
5.0	26.786	36.602	23.994	4.545	10.0	26.723	36.940	24.269	4.541
11.0	26.713	36.954	24.282	4.541					



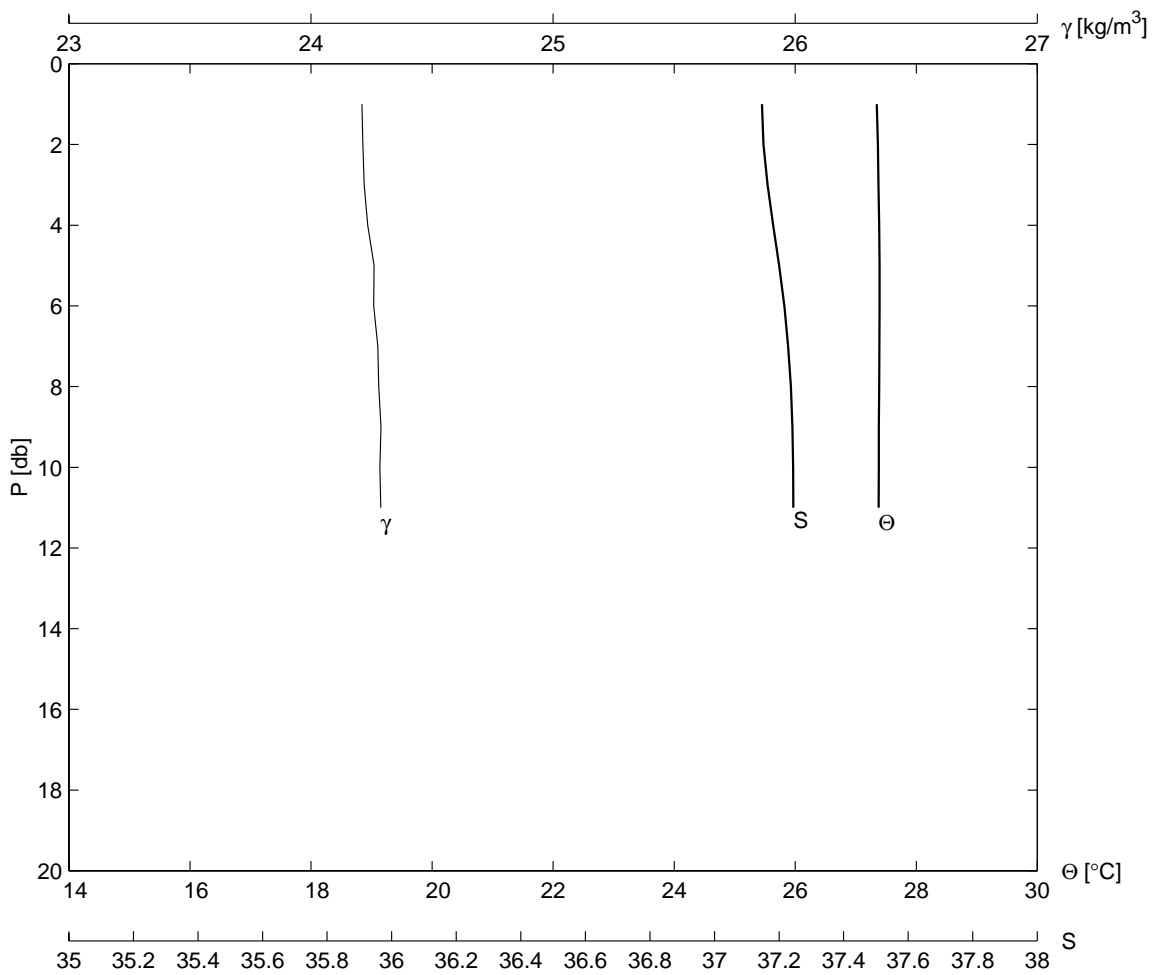
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
PM18	020	31 14.7	114 43.6	8	6	2002	1053		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
16.3	27.6	36.59	25.0	26.0	5.2	286	9	1003.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	27.211	36.831	24.030	4.507	7.0	27.226	36.841	24.032	4.506
3.0	27.217	36.839	24.034	4.507	8.0	27.189	36.933	24.114	4.506
4.0	27.224	36.840	24.032	4.506	10.0	27.055	37.147	24.318	4.511
5.0	27.224	36.839	24.032	4.506	15.0	27.036	37.162	24.336	4.512
6.0	27.225	36.840	24.032	4.506	15.0	27.036	37.162	24.336	4.512



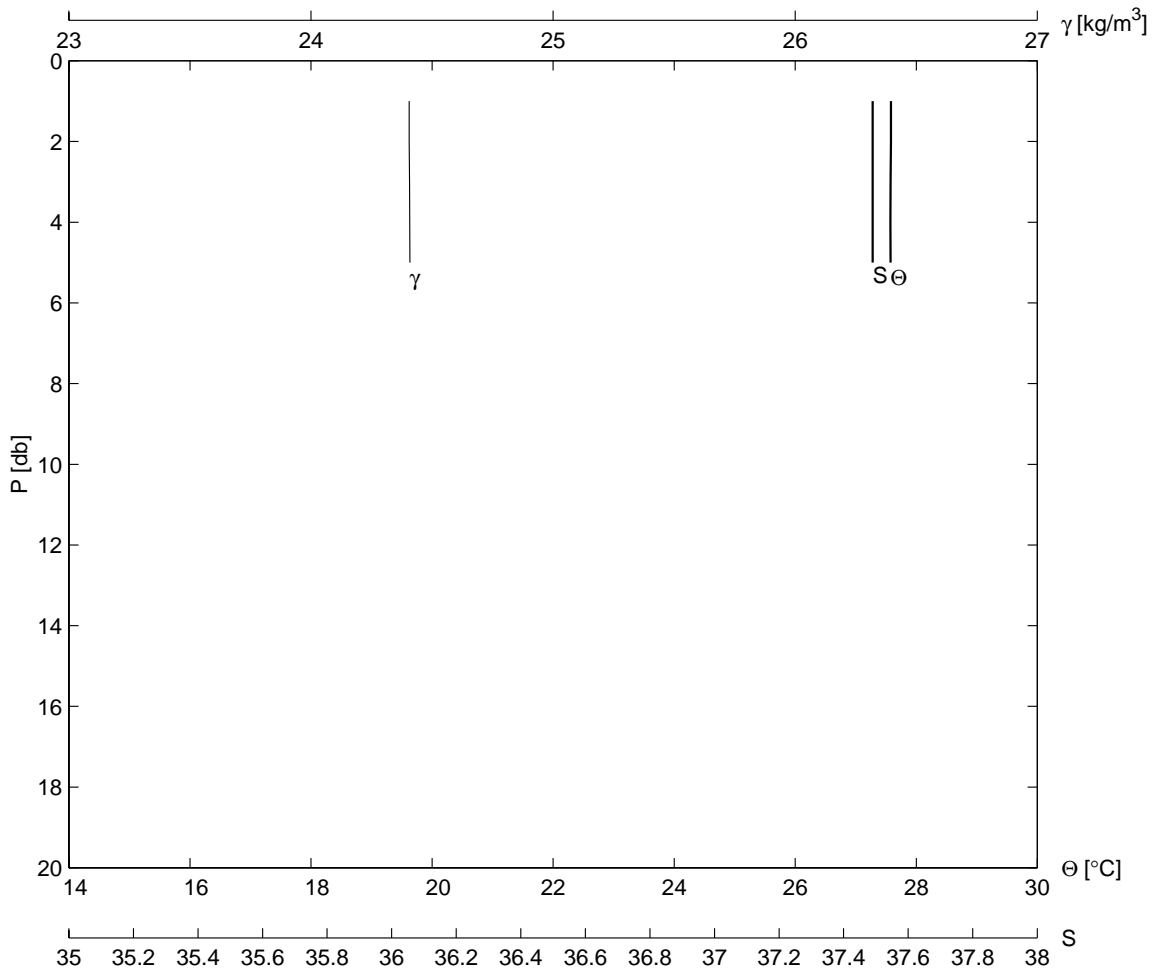
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
D02	021	31 11.6	114 40.7	8	6	2002	1249		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
19.5	27.6	36.84	24.0	25.5	2.1	229	9	1004.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	27.209	36.839	24.036	4.507	7.0	27.214	36.839	24.035	4.507
3.0	27.213	36.837	24.034	4.507	8.0	27.143	36.826	24.048	4.512
4.0	27.211	36.838	24.035	4.507	9.0	27.077	36.806	24.054	4.518
5.0	27.210	36.838	24.035	4.507	10.0	26.606	36.884	24.264	4.551
6.0	27.212	36.839	24.035	4.507	15.0	26.491	36.905	24.316	4.559
17.0	26.492	36.904	24.315	4.559					



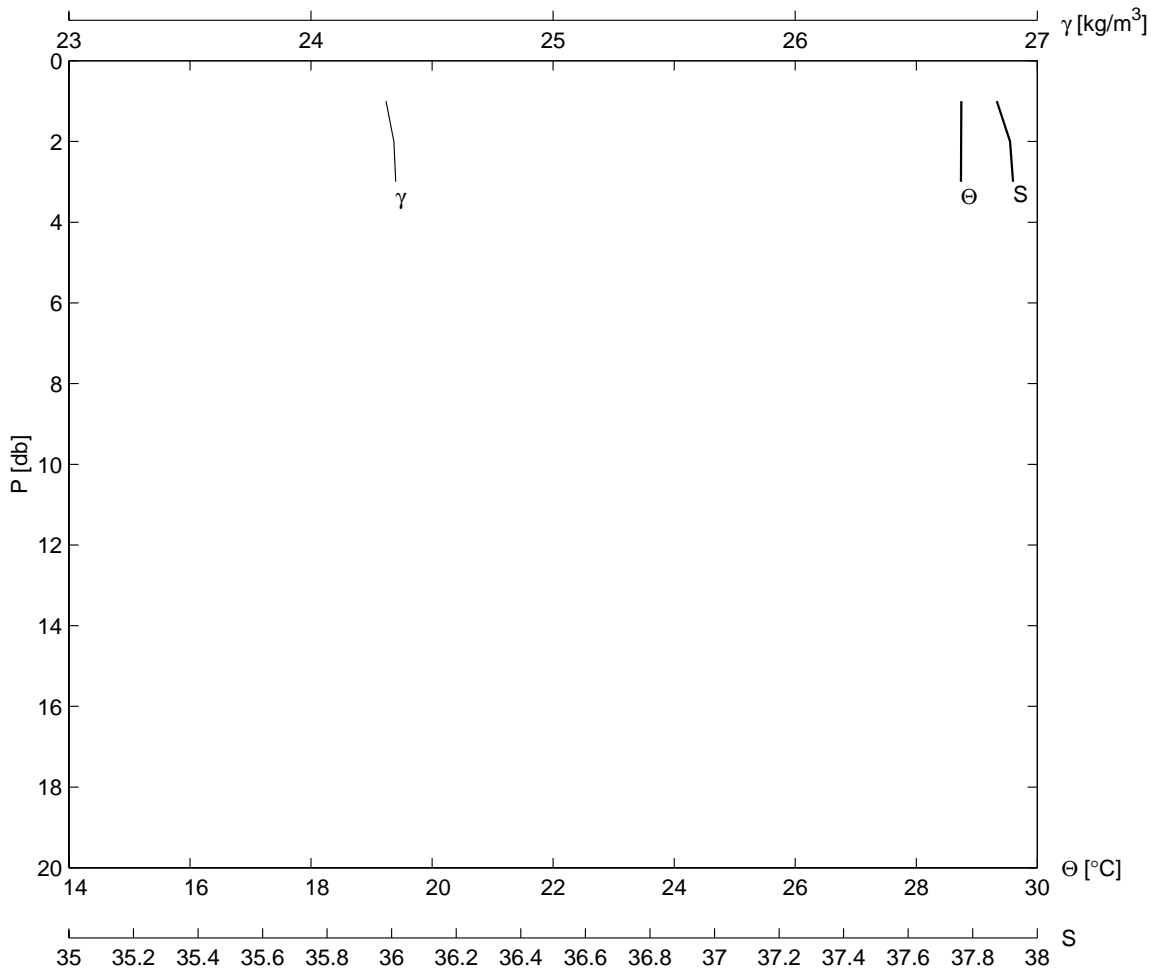
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
C02	022	31 16.0	114 43.8	8	6	2002	1357		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
12.5	27.7	37.12	24.0	26.0	4.6	15	9	1004.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	27.366	37.143	24.215	4.488	7.0	27.392	37.236	24.276	4.484
3.0	27.376	37.154	24.220	4.487	8.0	27.389	37.239	24.280	4.484
4.0	27.388	37.179	24.235	4.485	9.0	27.381	37.248	24.289	4.484
5.0	27.395	37.217	24.261	4.484	10.0	27.382	37.242	24.284	4.484
6.0	27.394	37.214	24.259	4.484	11.0	27.380	37.246	24.288	4.484



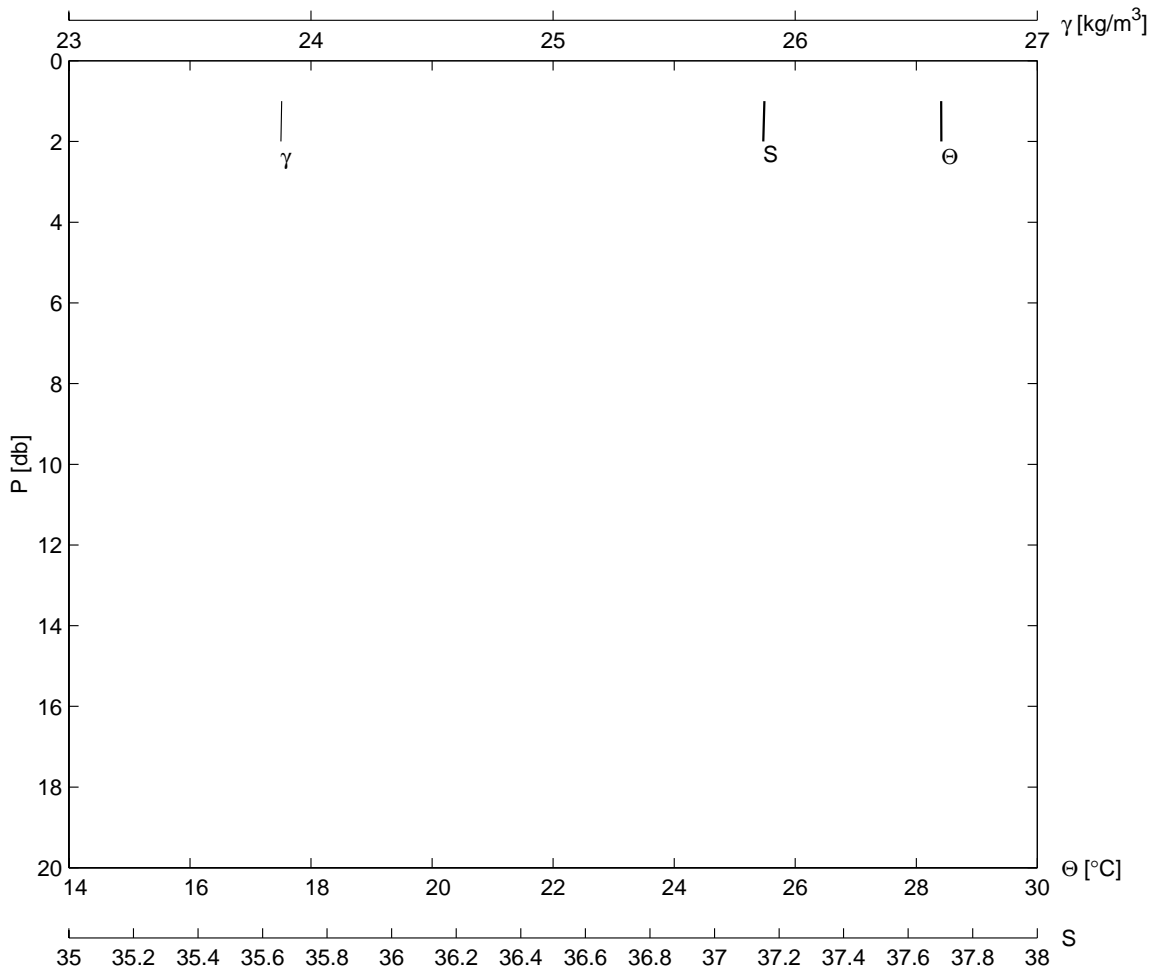
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
B02	023	31 20.5	114 46.7	8	6	2002	1452		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
7.8	28.0	37.50	24.7	26.3	4.0	221	9	1004.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	27.583	37.490	24.406	4.463	4.0	27.574	37.490	24.408	4.464
3.0	27.577	37.490	24.407	4.464	5.0	27.576	37.491	24.409	4.464
5.0	27.576	37.491	24.409	4.464					



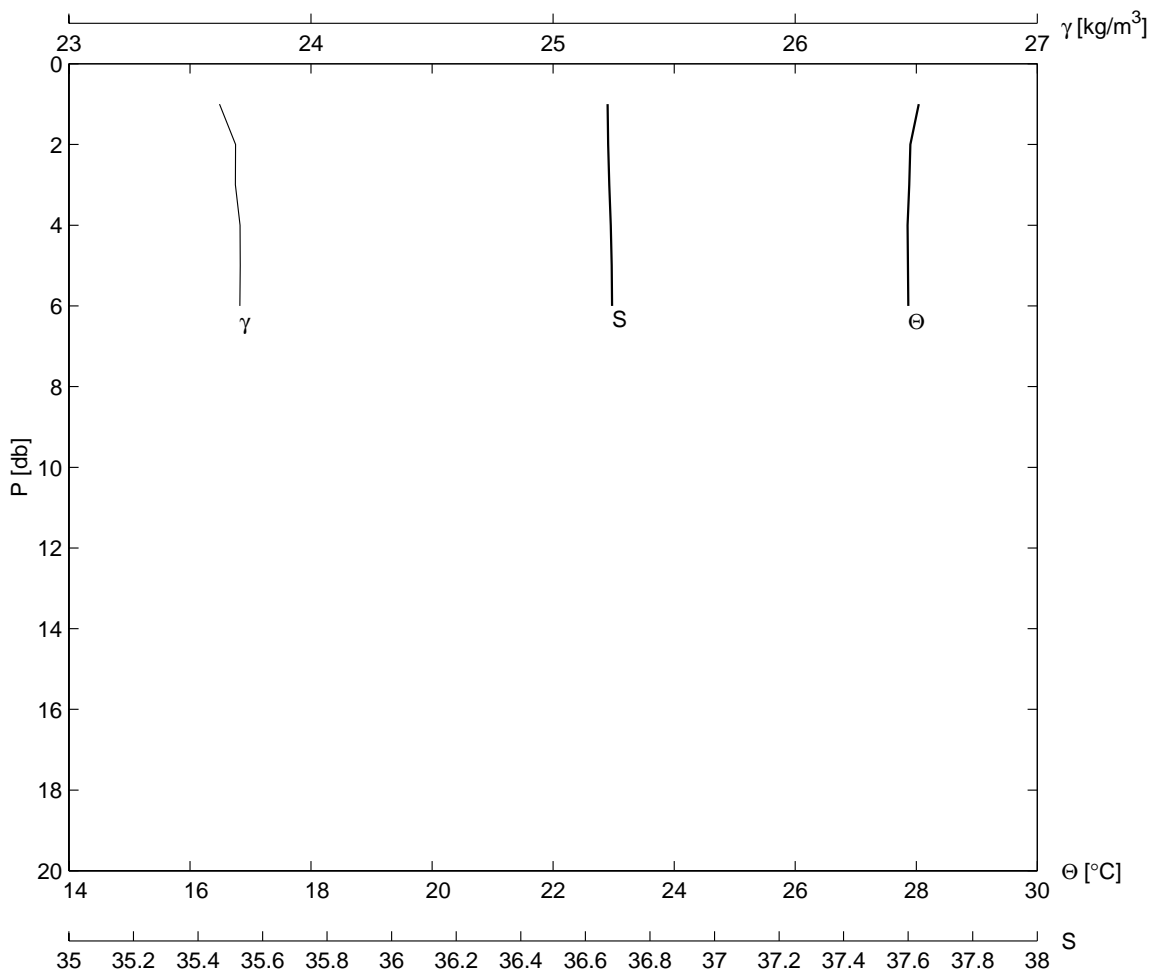
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
A01	024	31 23.7	114 48.8	8	6	2002	1536		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
4.5	29.0	37.87	25.5	28.0	3.0	18	9	1005.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	28.740	37.916	24.343	4.370	3.0	28.739	37.925	24.350	4.370
3.0	28.739	37.925	24.350	4.370					



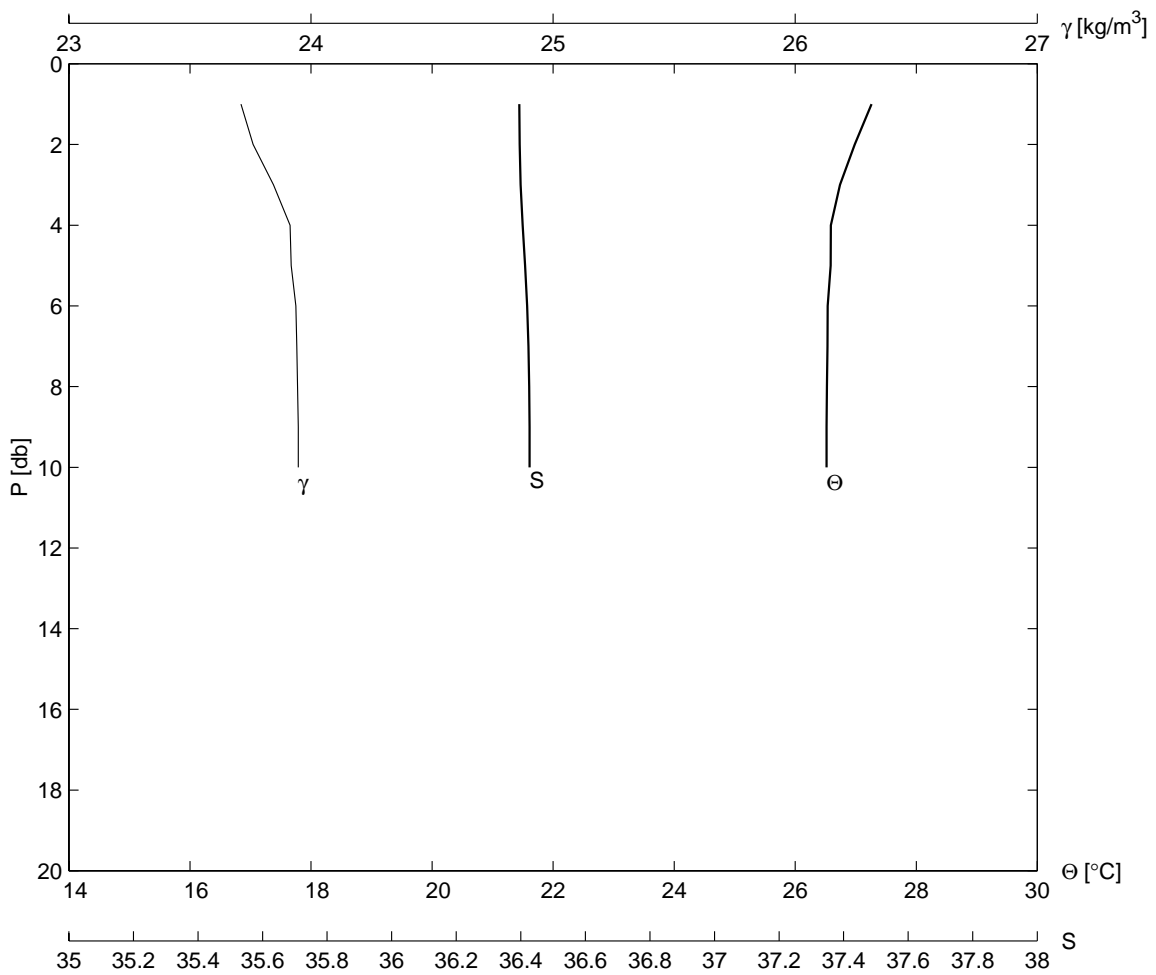
ESTACION B01	LANCE 025	LATITUD 31 18.4	LONGITUD 114 51.4	DD MM 8 6	AA 2002	H[UT] 1658			
PROFTOT [m] 4.1	TEMSUP [°C] 28.7	SALSUP [ups] 37.15	TEBUHU [°C] 25.5	TEBUSE [°C] 28.0	V-MAG [m/s] 3.0	DIR [AZM] 115	NUBES [1/8] 9	BAROM [bar] 1005.0	
PR [db] 2.0	Θ [°C] 28.416	SA 37.151	γ [kg/m ³] 23.876	OX [ml/l] 4.412	PR [db] 2.0	Θ [°C] 28.416	SA 37.151	γ [kg/m ³] 23.876	OX [ml/l] 4.412



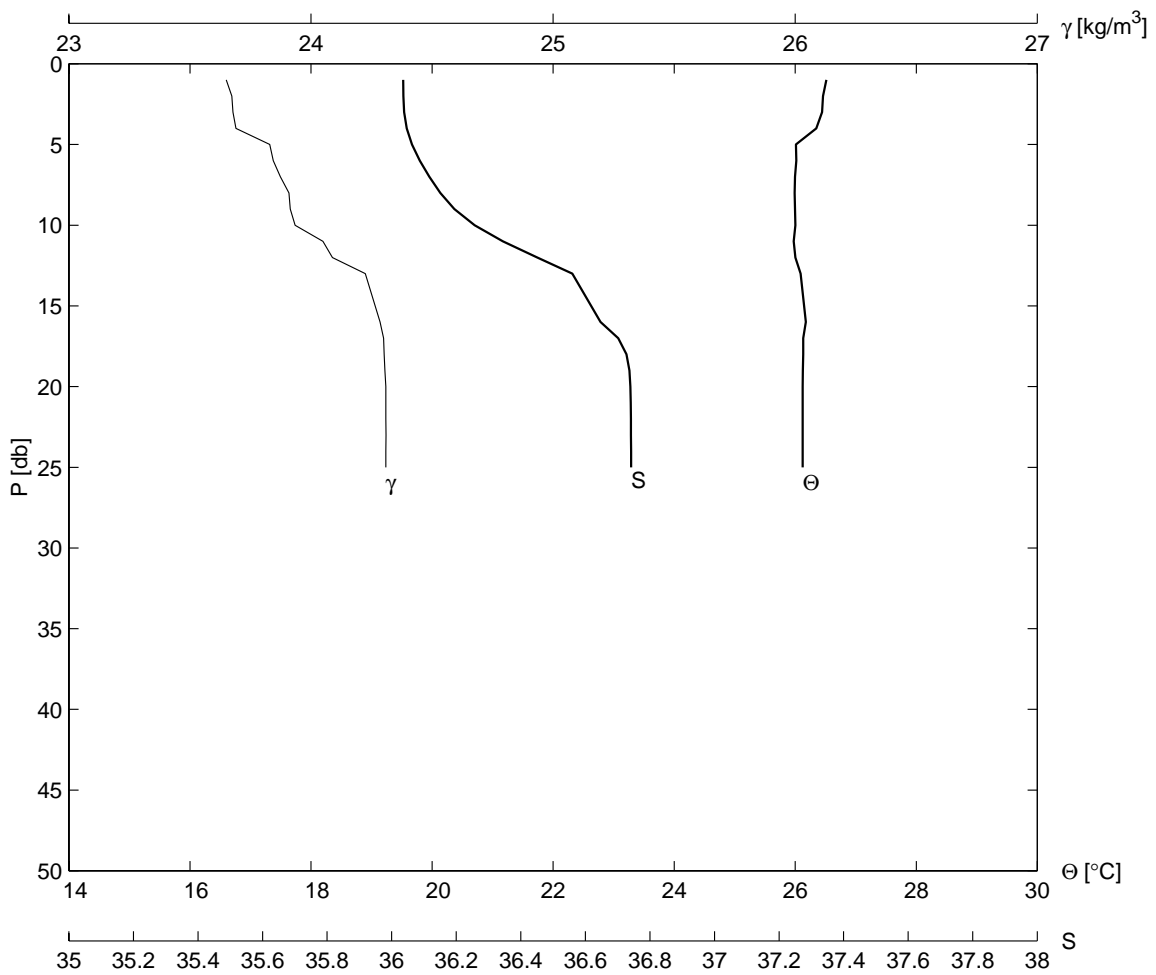
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
C01	026	31 12.0	114 51.9	8	6	2002	1823		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
7.8	28.5	36.65	26.0	28.0	3.9	19	9	1005.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	27.904	36.678	23.688	4.460	5.0	27.862	36.685	23.708	4.463
3.0	27.885	36.669	23.688	4.462	6.0	27.869	36.686	23.706	4.463
4.0	27.857	36.682	23.707	4.463	6.0	27.869	36.686	23.706	4.463



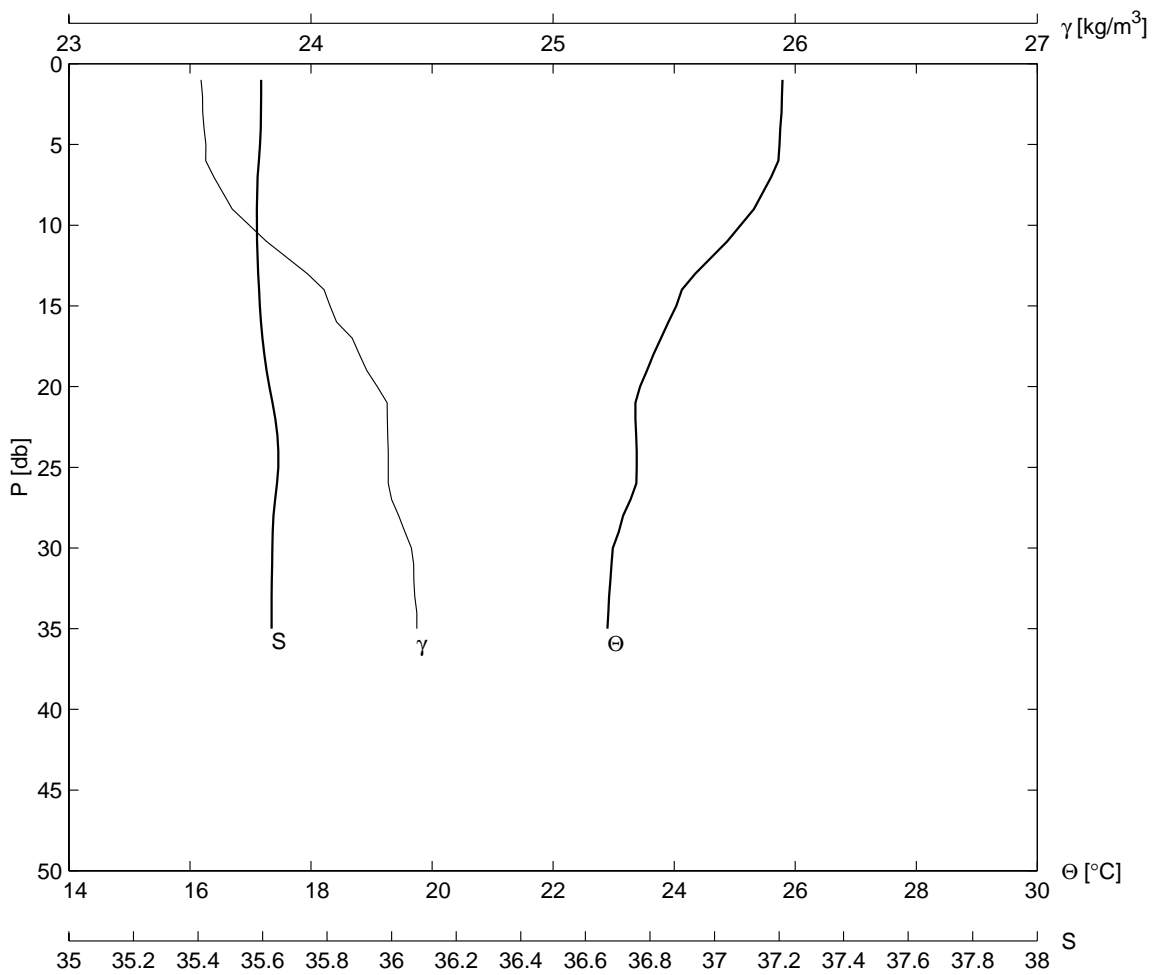
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
D01	027	31	7.9	114	49.1	8	6	2002	1938
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
13.2	27.8	36.43	25.5	28.0	3.2	153	9	1005.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.983	36.377	23.761	4.536	7.0	26.533	36.426	23.942	4.569
3.0	26.739	36.385	23.845	4.554	8.0	26.524	36.426	23.944	4.569
4.0	26.588	36.412	23.913	4.565	9.0	26.518	36.428	23.948	4.569
5.0	26.585	36.417	23.918	4.565	10.0	26.519	36.428	23.947	4.569
6.0	26.535	36.422	23.938	4.568	10.0	26.519	36.428	23.947	4.569



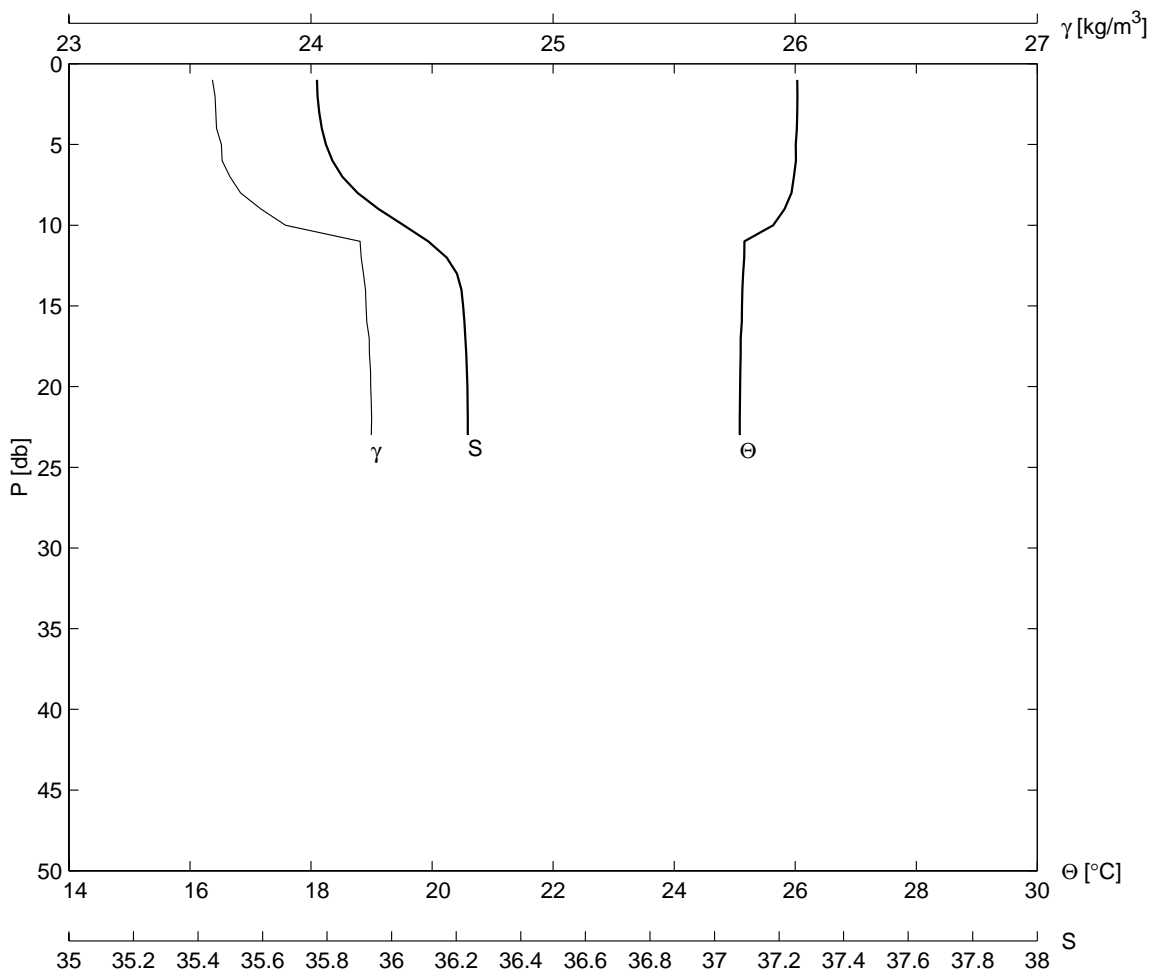
ESTACION AA1	LANCE 028	LATITUD 31 9.4		LONGITUD 114 39.4		DD MM 8 6	AA 2002	H[UT] 2140	
PROFTOT [m] 28.0	TEMSUP [°C] 27.0	SALSUP [ups] 36.03	TEBUHU [°C] 24.0	TEBUSE [°C] 27.0	V-MAG [m/s] 5.9	DIR [AZM] 223	NUBES [1/8] 9	BAROM [bar] 1004.0	
PR [db] 2.0	Θ [°C] 26.460	SA 36.040	γ [kg/m³] 23.673	OX [ml/l] 4.584	PR [db] 8.0	Θ [°C] 25.992	SA 36.157	γ [kg/m³] 23.909	OX [ml/l] 4.617
3.0	26.445	36.039	23.678	4.585	9.0	25.998	36.167	23.915	4.616
4.0	26.347	36.014	23.690	4.593	10.0	26.002	36.195	23.935	4.615
5.0	26.012	36.060	23.830	4.618	20.0	26.122	36.741	24.309	4.592
6.0	26.018	36.082	23.844	4.617	25.0	26.122	36.741	24.309	4.592
7.0	25.997	36.112	23.874	4.618	25.0	26.122	36.741	24.309	4.592



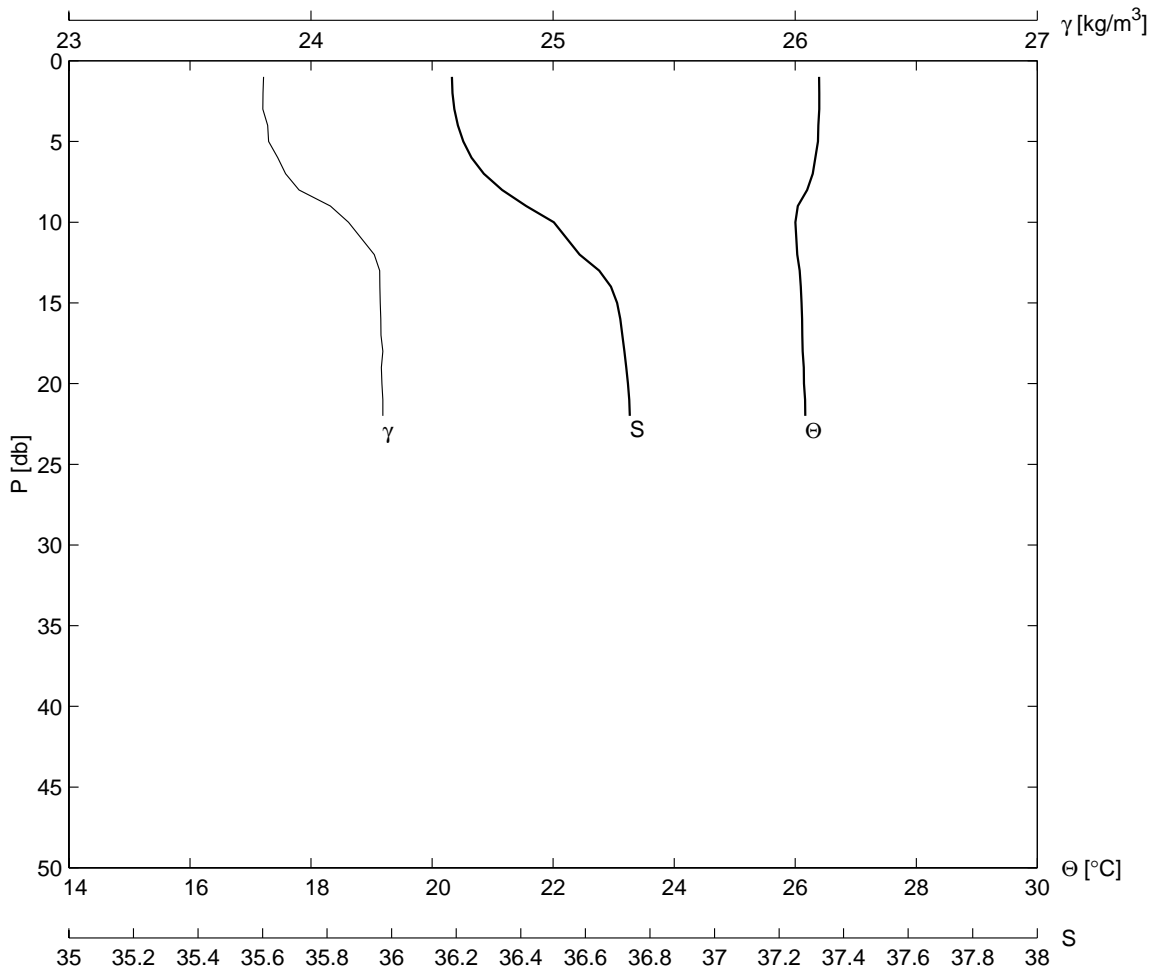
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E03	029	31 11.7	114 28.6	8	6	2002	2329		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
37.2	26.3	35.59	23.5	27.0	6.5	207	9	1003.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.780	35.597	23.552	4.648	9.0	25.317	35.569	23.674	4.685
3.0	25.776	35.596	23.553	4.649	15.0	24.036	35.592	24.079	4.789
4.0	25.753	35.594	23.558	4.650	20.0	23.436	35.615	24.274	4.838
5.0	25.741	35.599	23.566	4.651	25.0	23.382	35.654	24.319	4.842
6.0	25.721	35.590	23.565	4.653	30.0	22.988	35.630	24.415	4.876
7.0	25.605	35.586	23.598	4.662	35.0	22.897	35.624	24.437	4.884



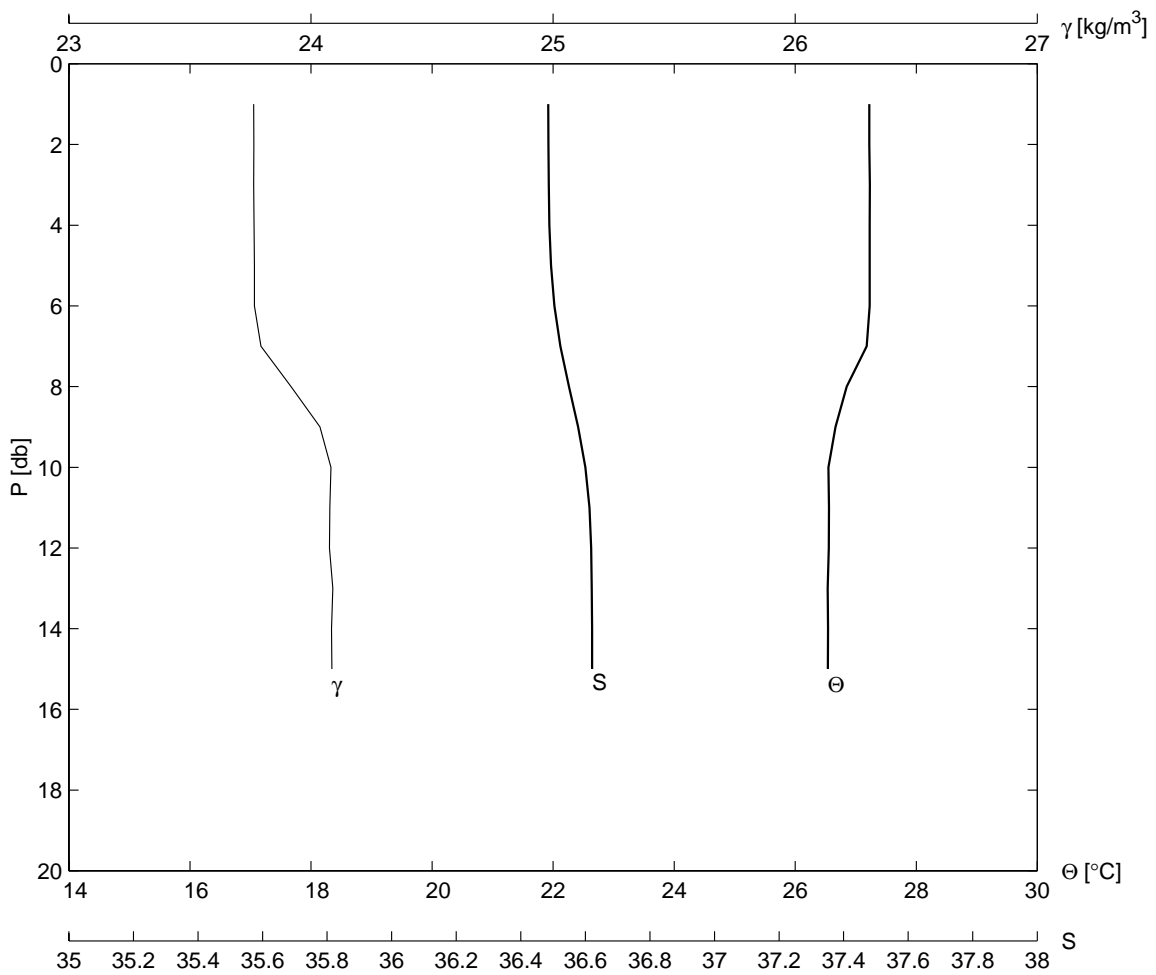
ESTACION E2A	LANCE 030	LATITUD 31 9.3	LONGITUD 114 33.3	DD MM 9 6	AA 2002	H[UT] 0037			
PROFTOT [m]	TEMSUP [°C]	SALSUP [ups]	TEBUHU [°C]	TEBUSE [°C]	V-MAG [m/s]	DIR [AZM]	NUBES [1/8]	BAROM [bar]	
24.4	26.5	35.76	23.3	27.0	5.3	40	9	1002.0	
PR [db]	Θ [°C]	SA	γ [kg/m ³]	OX [ml/l]	PR [db]	Θ [°C]	SA	γ [kg/m ³]	OX [ml/l]
2.0	26.036	35.770	23.603	4.624	8.0	25.937	35.869	23.709	4.629
3.0	26.034	35.773	23.607	4.624	9.0	25.825	35.934	23.793	4.636
4.0	26.029	35.776	23.610	4.624	10.0	25.635	35.991	23.895	4.649
5.0	26.010	35.795	23.630	4.625	15.0	25.122	36.222	24.227	4.684
6.0	26.011	35.799	23.633	4.625	20.0	25.092	36.235	24.247	4.686
7.0	25.978	35.828	23.665	4.627	23.0	25.084	36.235	24.249	4.686



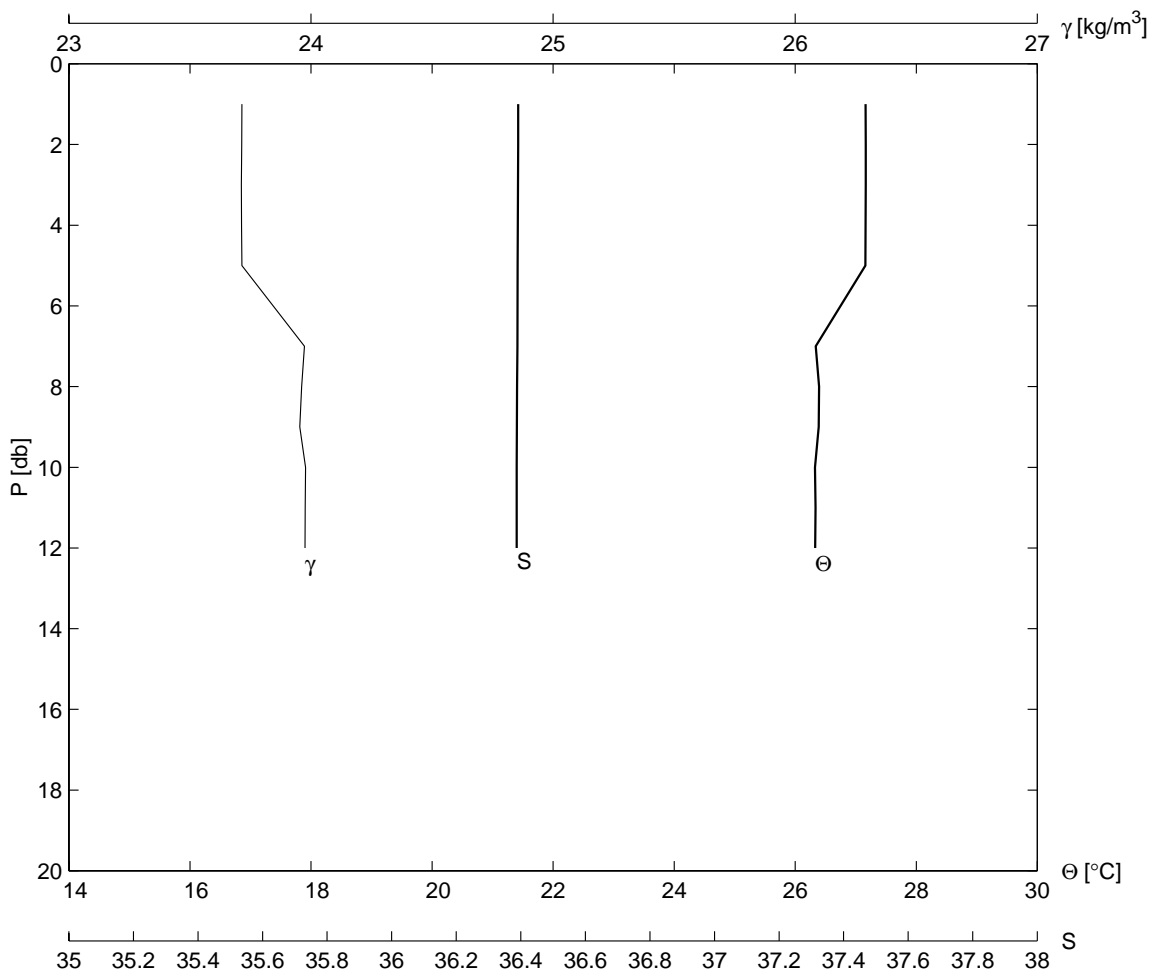
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
E02	031	31	6.9	114	37.6	9	6	2002	0127
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
24.7	27.6	36.18	24.0	26.0	4.6	27	9	1002.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.397	36.184	23.802	4.585	8.0	26.198	36.297	23.951	4.598
3.0	26.399	36.184	23.801	4.585	9.0	26.043	36.405	24.081	4.607
4.0	26.384	36.204	23.822	4.586	10.0	26.003	36.487	24.155	4.607
5.0	26.378	36.207	23.825	4.586	15.0	26.103	36.703	24.286	4.594
6.0	26.334	36.239	23.863	4.588	20.0	26.146	36.730	24.293	4.590
7.0	26.289	36.263	23.895	4.591	22.0	26.165	36.742	24.297	4.588



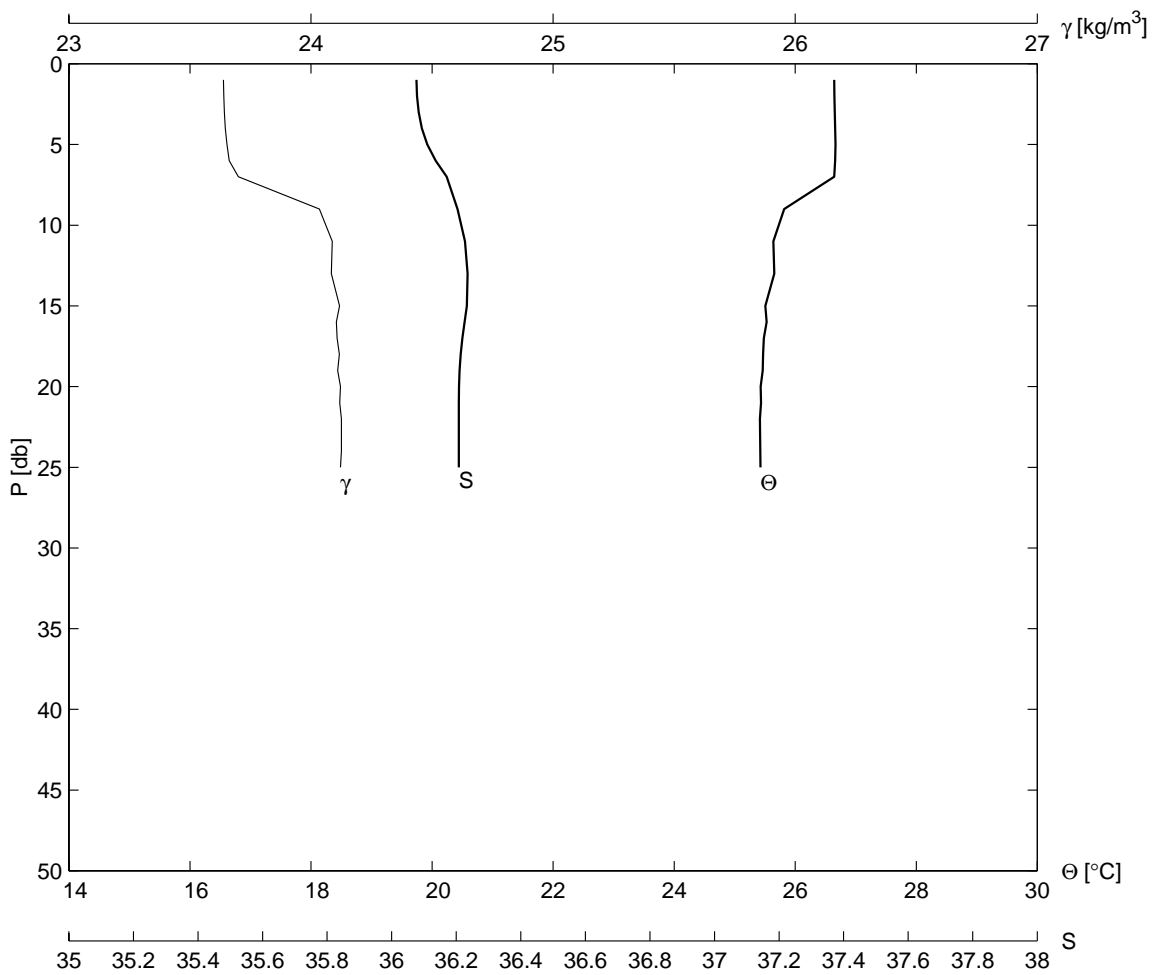
ESTACION EIA	LANCE 032	LATITUD 31 4.8	LONGITUD 114 41.8	DD MM 8 6	AA 2002	H[UT] 0214			
PROFTOT [m]	TEMSUP [°C]	SALSUP [ups]	TEBUHU [°C]	TEBUSE [°C]	V-MAG [m/s]	DIR [AZM]	NUBES [1/8]	BAROM [bar]	
17.1	27.7	36.48	24.0	26.0	2.5	9	9	1002.0	
PR [db]	Θ [°C]	SA	γ [kg/m ³]	OX [ml/l]	PR [db]	Θ [°C]	SA	γ [kg/m ³]	OX [ml/l]
2.0	27.224	36.484	23.764	4.515	7.0	27.183	36.506	23.794	4.518
3.0	27.232	36.487	23.763	4.514	8.0	26.852	36.529	23.917	4.542
4.0	27.230	36.487	23.765	4.515	9.0	26.665	36.608	24.037	4.554
5.0	27.230	36.490	23.766	4.515	10.0	26.549	36.620	24.083	4.562
6.0	27.229	36.490	23.767	4.515	15.0	26.540	36.620	24.086	4.563
15.0	26.540	36.620	24.086	4.563					



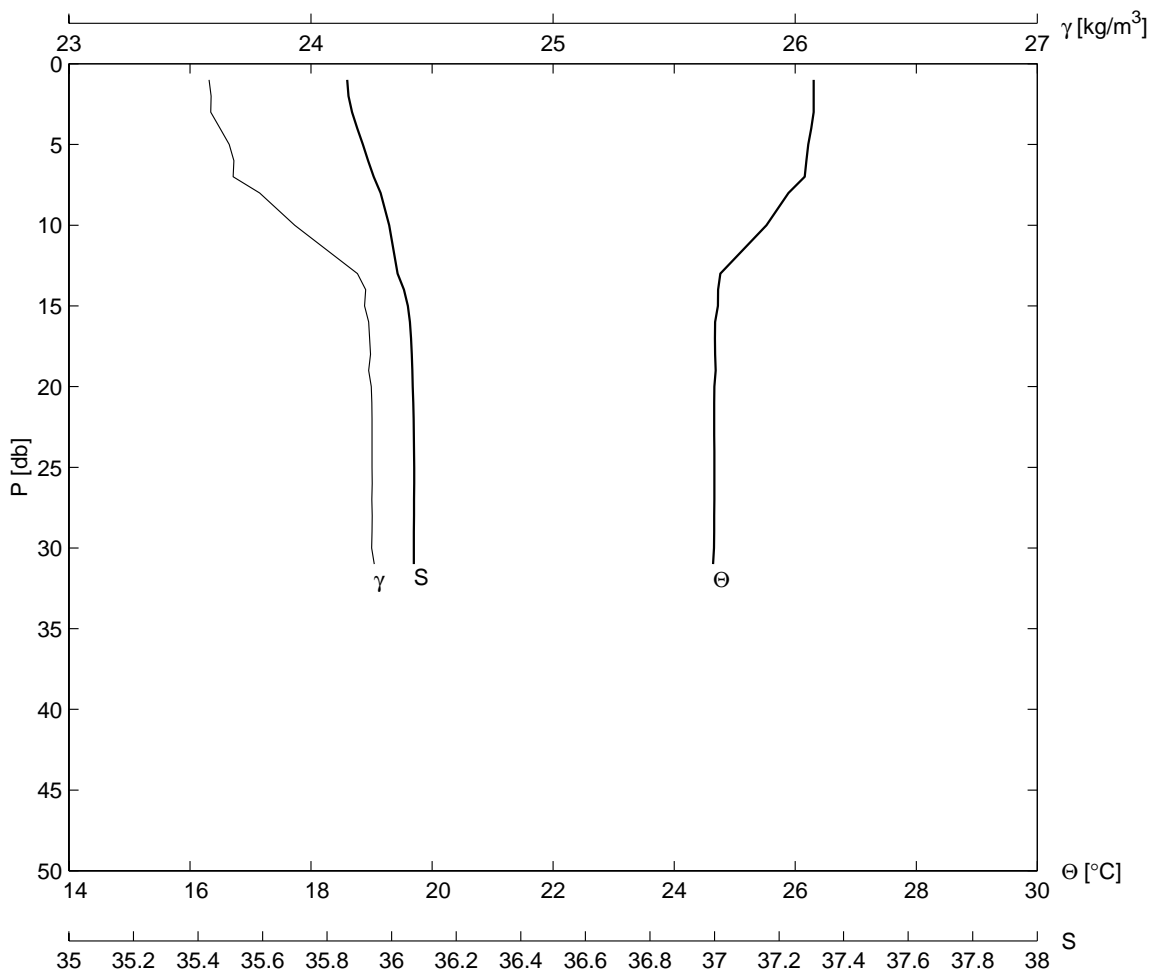
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
E01	033	31	2.8	114	45.7	9	6	2002	0350
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
14.9	27.6	39.39	24.3	26.3	1.9	348	9	1002.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	27.165	36.392	23.714	4.522	7.0	26.338	36.386	23.973	4.584
3.0	27.167	36.392	23.713	4.522	8.0	26.395	36.395	23.962	4.580
4.0	27.163	36.391	23.714	4.522	9.0	26.388	36.382	23.954	4.581
5.0	27.161	36.392	23.715	4.522	10.0	26.326	36.386	23.977	4.585
12.0	26.329	36.385	23.975	4.585					



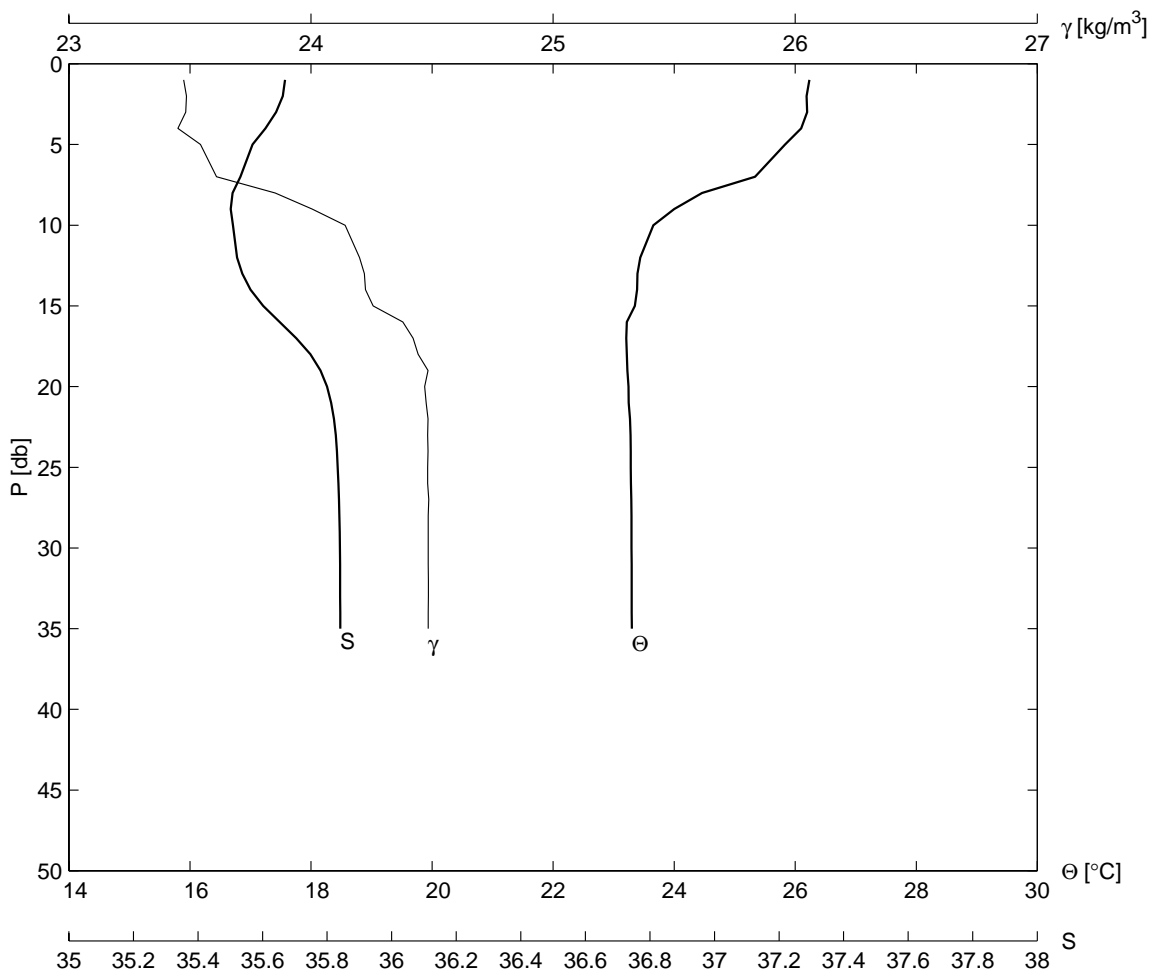
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
F01	034	30 58.6	114 43.2	9	6	2002	0352		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
26.6	27.1	36.07	25.0	26.0	2.2	295	9	1002.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.647	36.075	23.640	4.569	7.0	26.645	36.153	23.700	4.567
3.0	26.654	36.080	23.642	4.568	9.0	25.819	36.251	24.034	4.628
4.0	26.660	36.087	23.646	4.568	15.0	25.507	36.234	24.118	4.653
5.0	26.665	36.100	23.653	4.567	20.0	25.430	36.208	24.122	4.660
6.0	26.661	36.109	23.662	4.567	25.0	25.427	36.206	24.122	4.660
25.0	25.427	36.206	24.122	4.660					



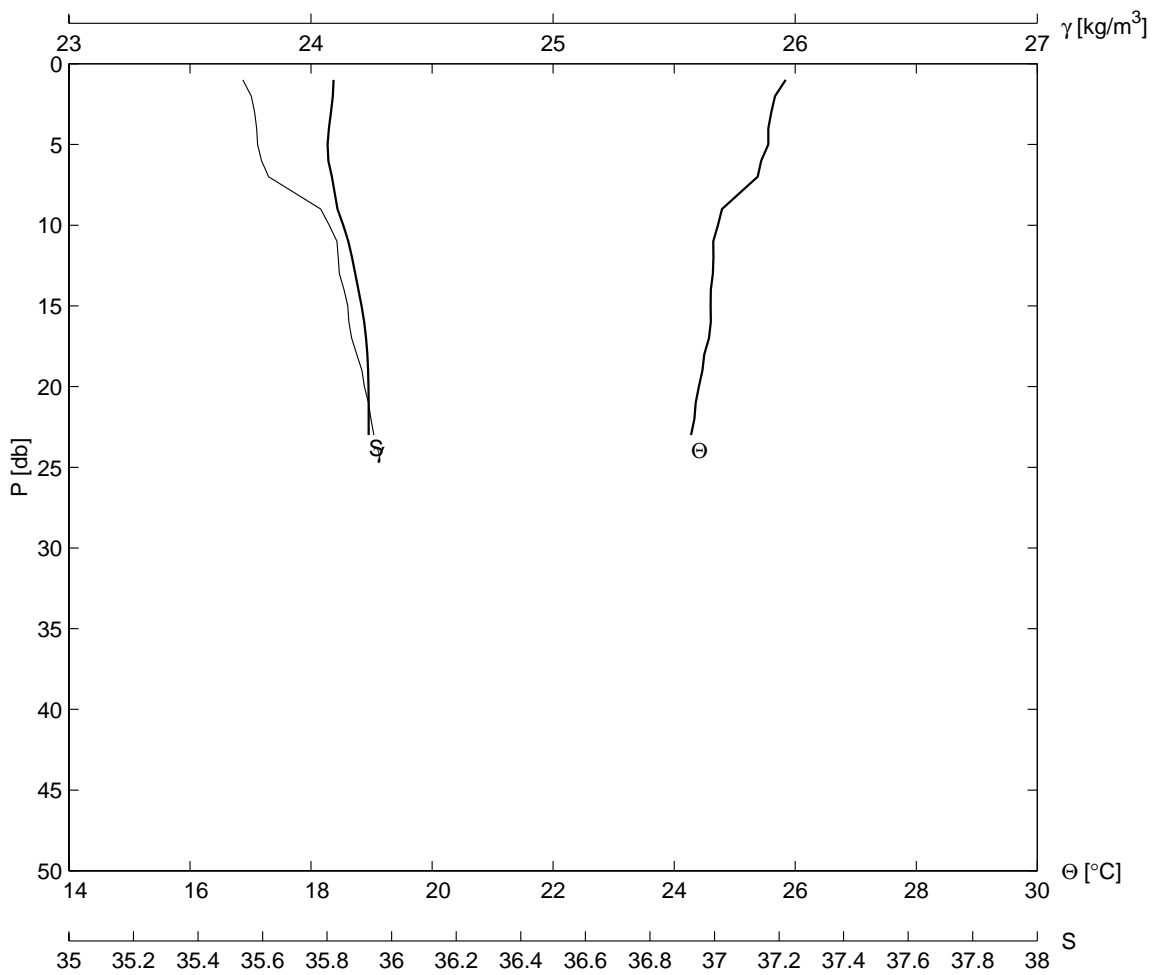
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
G01	035	30 53.6	114 39.6	9	6	2002	0518		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
33.0	26.8	35.85	24.5	26.0	0.4	110	9	1002.5	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.304	35.861	23.588	4.601	8.0	25.889	35.954	23.788	4.630
3.0	26.305	35.859	23.586	4.601	10.0	25.524	35.996	23.933	4.658
4.0	26.265	35.894	23.625	4.603	15.0	24.723	36.053	24.222	4.720
5.0	26.217	35.923	23.662	4.606	20.0	24.663	36.066	24.249	4.725
6.0	26.186	35.937	23.682	4.608	25.0	24.663	36.069	24.252	4.724
7.0	26.156	35.920	23.678	4.610	30.0	24.659	36.066	24.251	4.725
31.0	24.642	36.073	24.262	4.726					



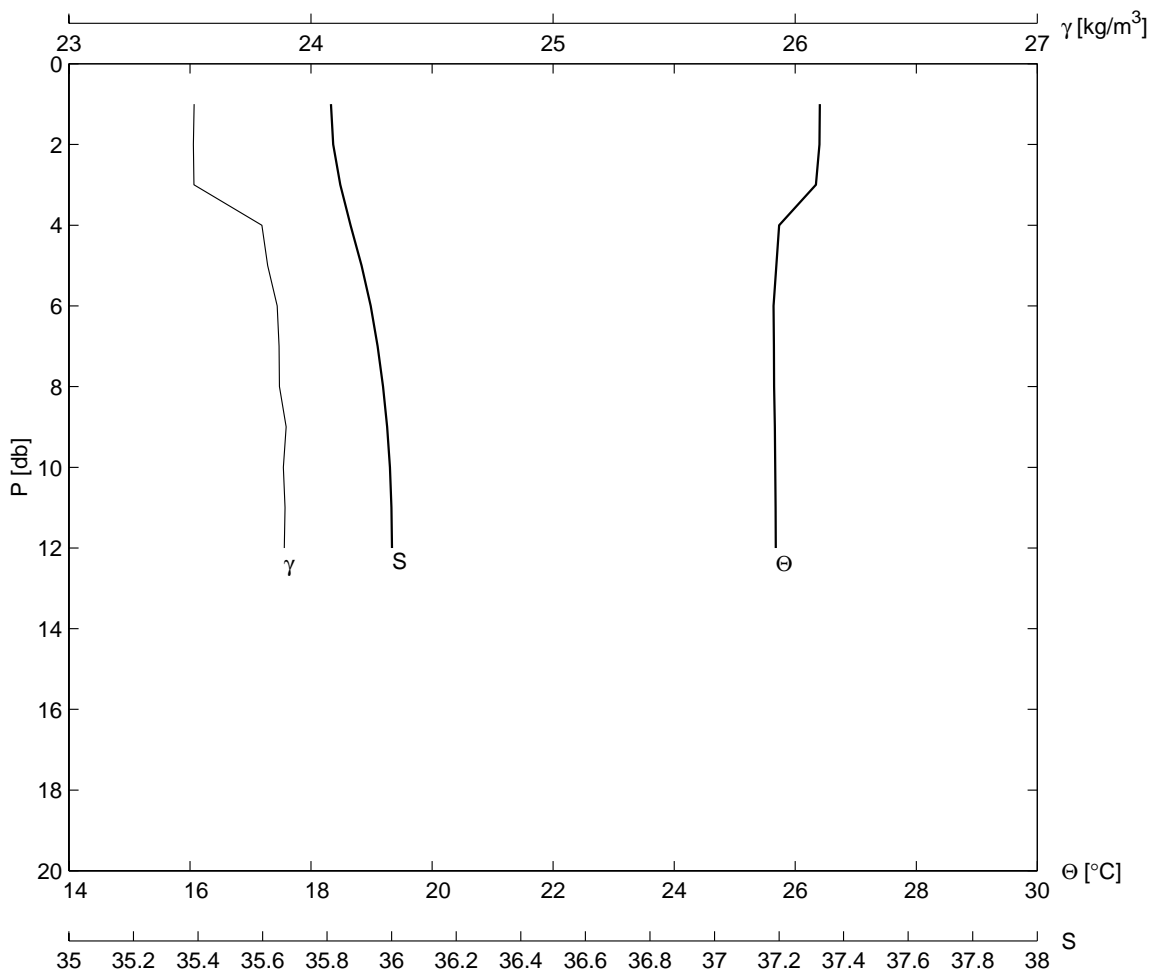
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
H01	036	30 49.3	114 36.7	9	6	2002	0624		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
37.9	26.7	35.68	24.0	26.0	1.8	86	9	1002.5	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.189	35.678	23.486	4.614	9.0	24.001	35.480	24.005	4.795
3.0	26.197	35.677	23.483	4.614	10.0	23.657	35.526	24.141	4.822
4.0	26.100	35.594	23.450	4.623	15.0	23.352	35.561	24.257	4.847
5.0	25.833	35.607	23.543	4.644	20.0	23.247	35.801	24.470	4.849
7.0	25.336	35.492	23.610	4.686	25.0	23.285	35.832	24.482	4.845
8.0	24.461	35.460	23.852	4.758	30.0	23.296	35.840	24.485	4.844
35.0	23.301	35.841	24.484	4.844					



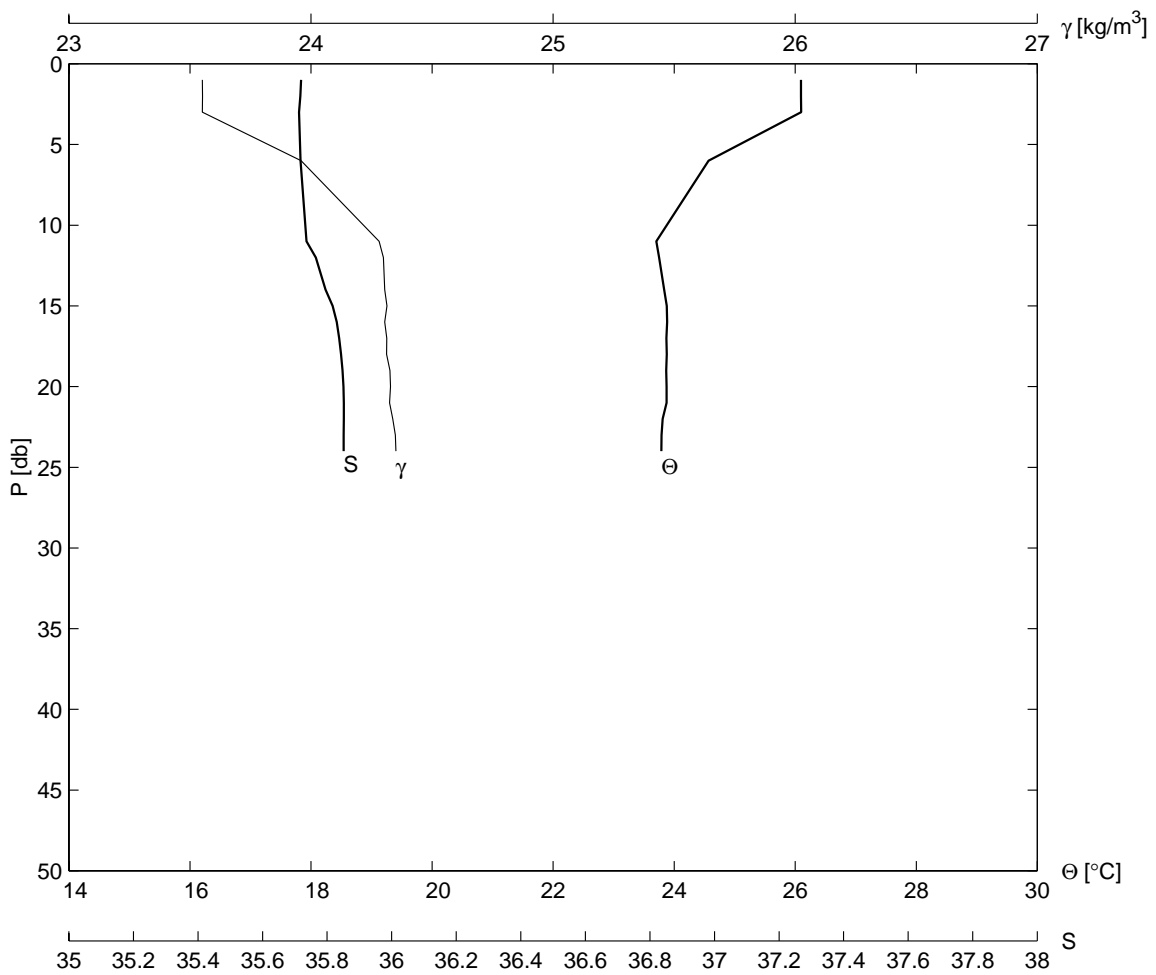
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
H00	37	30 46.0	114 38.7	9	6	2002	0708		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
26.0	26.3	35.84	24.0	25.0	0.2	5	9	1002.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.666	35.816	23.753	4.651	7.0	25.381	35.794	23.825	4.674
3.0	25.605	35.810	23.767	4.656	9.0	24.792	35.841	24.040	4.720
4.0	25.557	35.801	23.776	4.660	10.0	24.724	35.860	24.076	4.725
5.0	25.557	35.807	23.780	4.660	15.0	24.604	35.913	24.152	4.734
6.0	25.438	35.779	23.796	4.670	20.0	24.408	35.926	24.220	4.749
23.0	24.279	35.926	24.260	4.760					



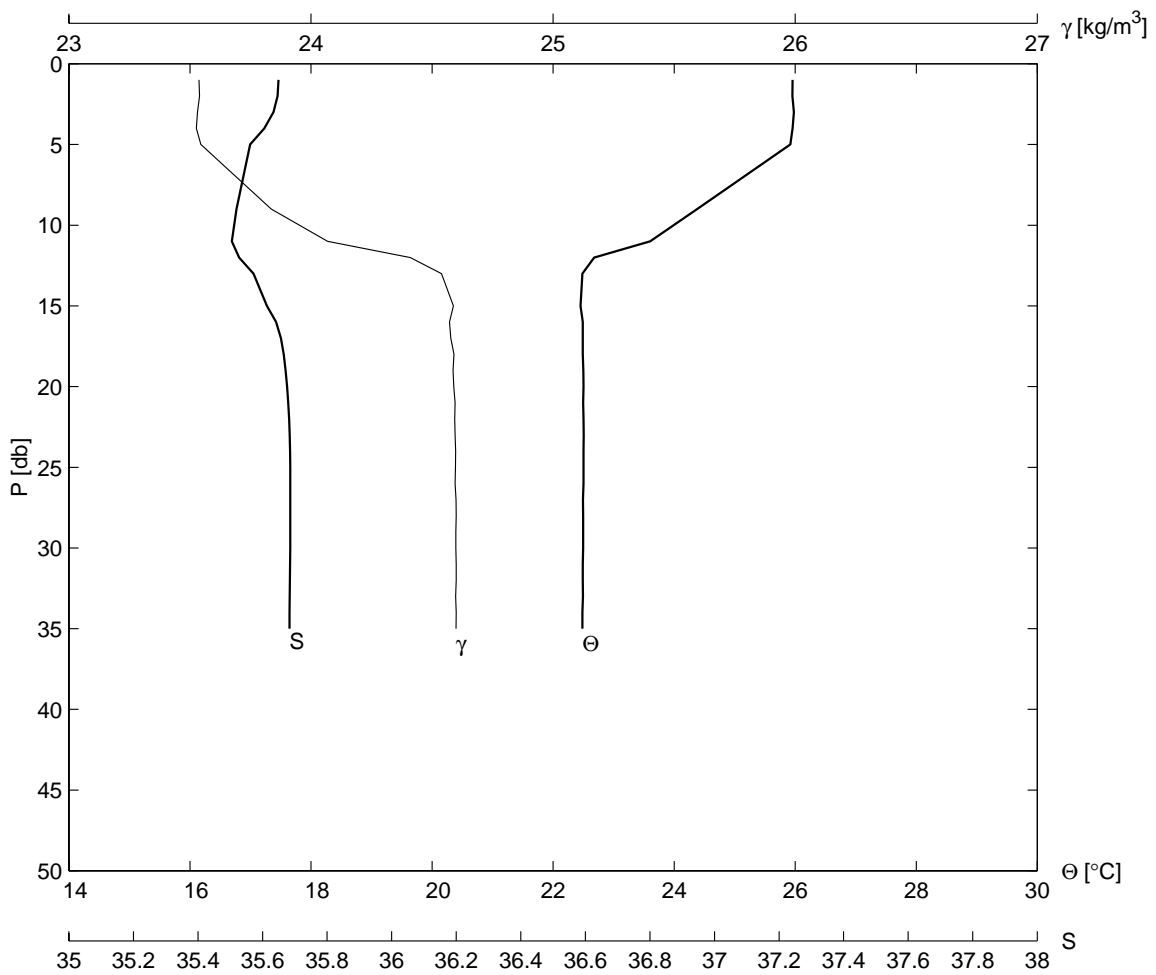
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
J01	038	30 42.3	114 40.5	9	6	2002	0752		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
15.7	26.8	35.81	24.0	26.0	0.2	280	9	1002.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.400	35.804	23.514	4.595	7.0	25.648	35.961	23.868	4.649
3.0	26.343	35.783	23.517	4.600	8.0	25.652	35.965	23.870	4.649
4.0	25.735	35.903	23.797	4.644	9.0	25.663	36.005	23.897	4.647
5.0	25.689	35.916	23.822	4.647	10.0	25.670	35.994	23.886	4.646
6.0	25.643	35.949	23.861	4.650	12.0	25.678	36.002	23.890	4.646



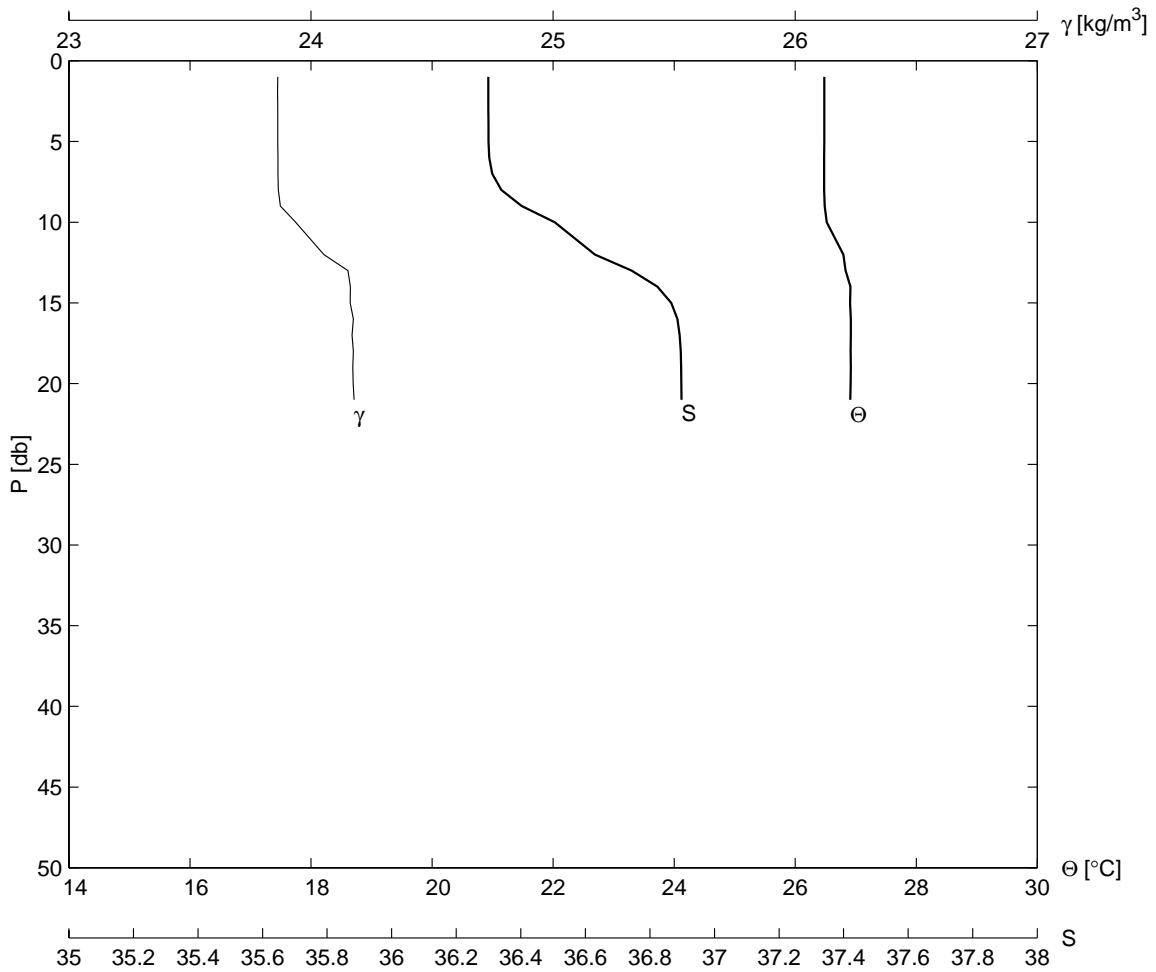
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
JIA	039	30 43.8	114 37.3	9	6	2002	0829		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
26.4	26.5	35.73	24.0	25.0	50.9	99	9	1002.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.096	35.727	23.552	4.620	15.0	23.877	35.840	24.314	4.795
3.0	26.097	35.727	23.551	4.620	20.0	23.875	35.858	24.328	4.795
6.0	24.569	35.644	23.959	4.744	24.0	23.789	35.854	24.351	4.802



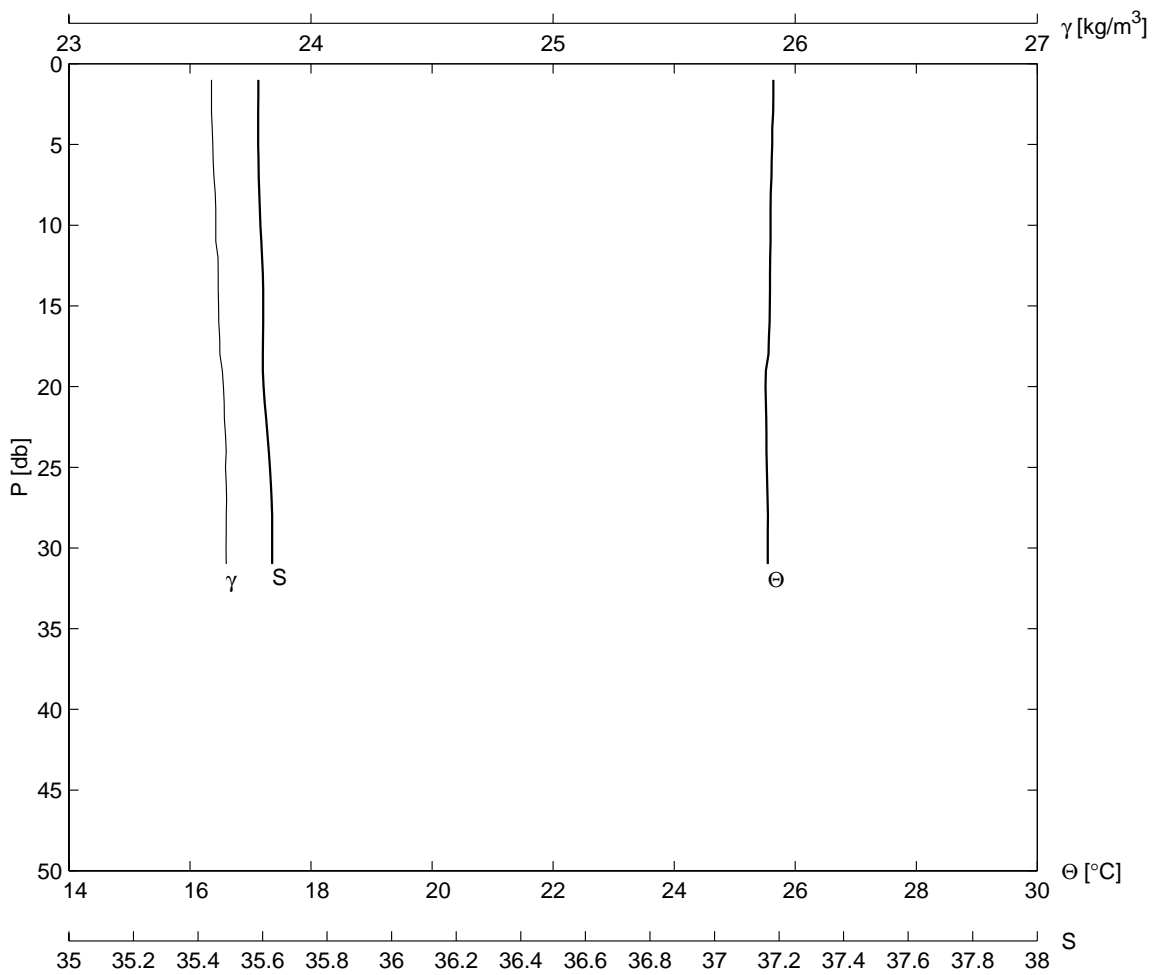
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
J02	040	30 45.3	114 34.3	9	6	2002	0940		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
37.5	26.4	35.65	23.5	26.0	2.7	59	9	1002.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.954	35.652	23.540	4.633	15.0	22.454	35.656	24.588	4.922
3.0	25.979	35.651	23.531	4.631	20.0	22.503	35.677	24.590	4.917
4.0	25.956	35.635	23.526	4.633	25.0	22.504	35.687	24.597	4.917
5.0	25.920	35.645	23.545	4.636	30.0	22.495	35.685	24.598	4.917
9.0	24.380	35.407	23.836	4.766	35.0	22.485	35.682	24.599	4.918



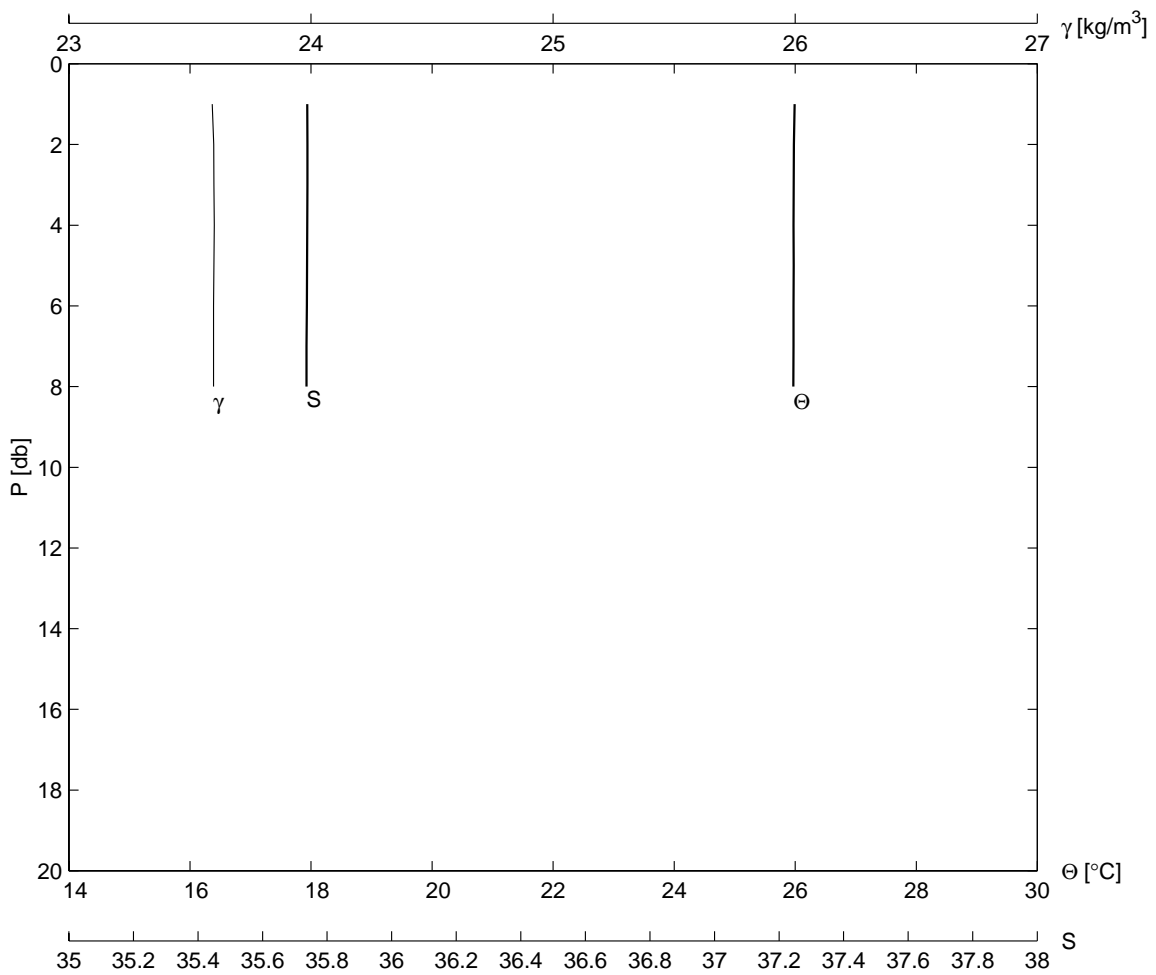
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
AA1	041	31	9.7	114	39.5	9	6	2002	1354
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
23.5	27.0	36.30	24.5	25.7	1.6	48	9	1002.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.480	36.299	23.862	4.576	8.0	26.479	36.302	23.865	4.576
3.0	26.481	36.300	23.863	4.576	9.0	26.486	36.316	23.874	4.575
4.0	26.480	36.299	23.863	4.576	10.0	26.521	36.414	23.936	4.570
5.0	26.480	36.300	23.863	4.576	15.0	26.907	36.877	24.162	4.529
6.0	26.479	36.300	23.864	4.576	20.0	26.916	36.898	24.175	4.527
7.0	26.479	36.301	23.864	4.576	21.0	26.911	36.899	24.178	4.528



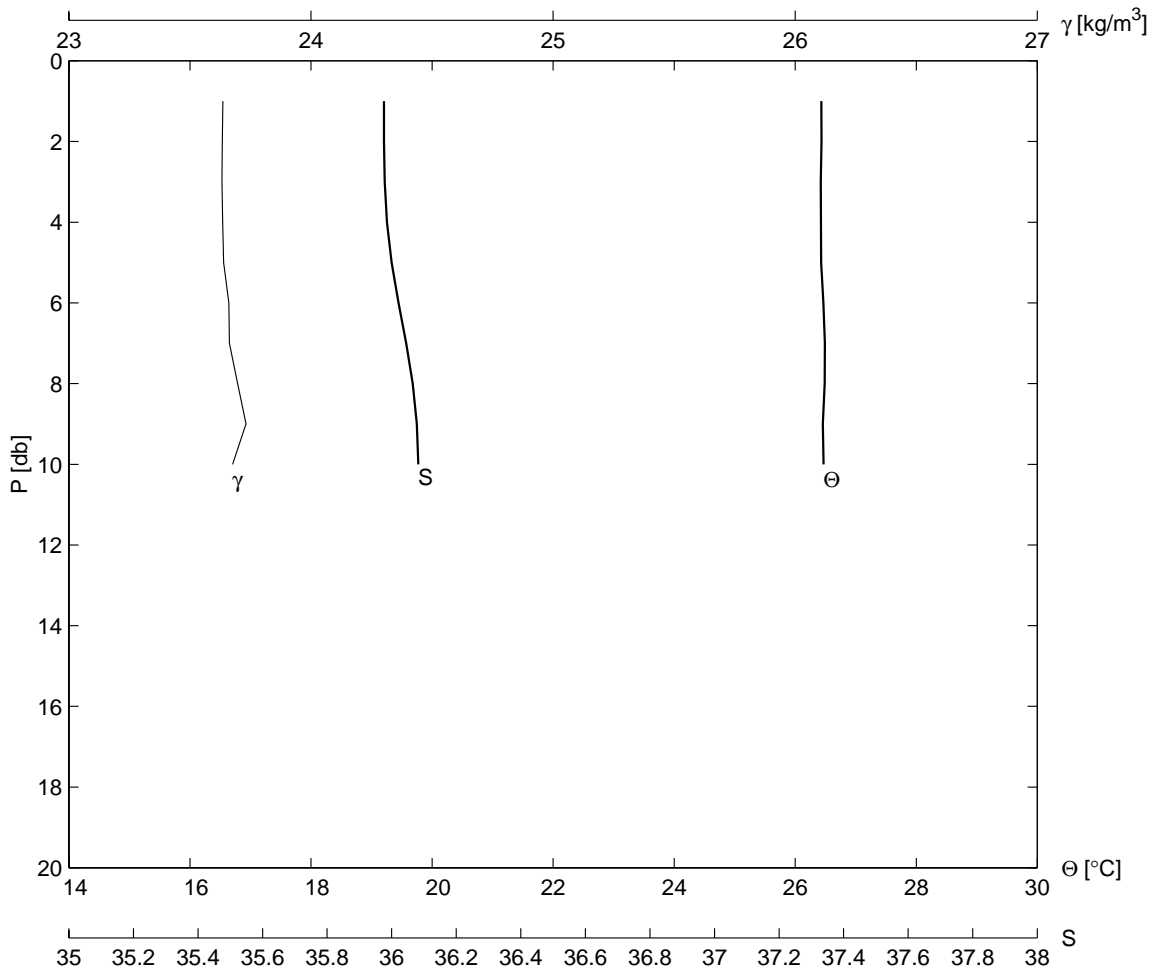
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
AMI	042	31 25.2	114 9.2	10	6	2002	2328		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
33.2	26.1	35.59	21.0	24.0	5.5	235	9	1006.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.639	35.587	23.589	99.900	9.0	25.594	35.592	23.607	99.900
3.0	25.637	35.587	23.589	99.900	10.0	25.594	35.592	23.607	99.900
4.0	25.621	35.585	23.593	99.900	15.0	25.582	35.603	23.619	99.900
5.0	25.620	35.587	23.595	99.900	20.0	25.511	35.600	23.638	99.900
6.0	25.612	35.586	23.596	99.900	25.0	25.531	35.620	23.647	99.900
7.0	25.608	35.588	23.599	99.900	30.0	25.546	35.629	23.649	99.900
8.0	25.595	35.590	23.605	99.900	31.0	25.546	35.630	23.650	99.900



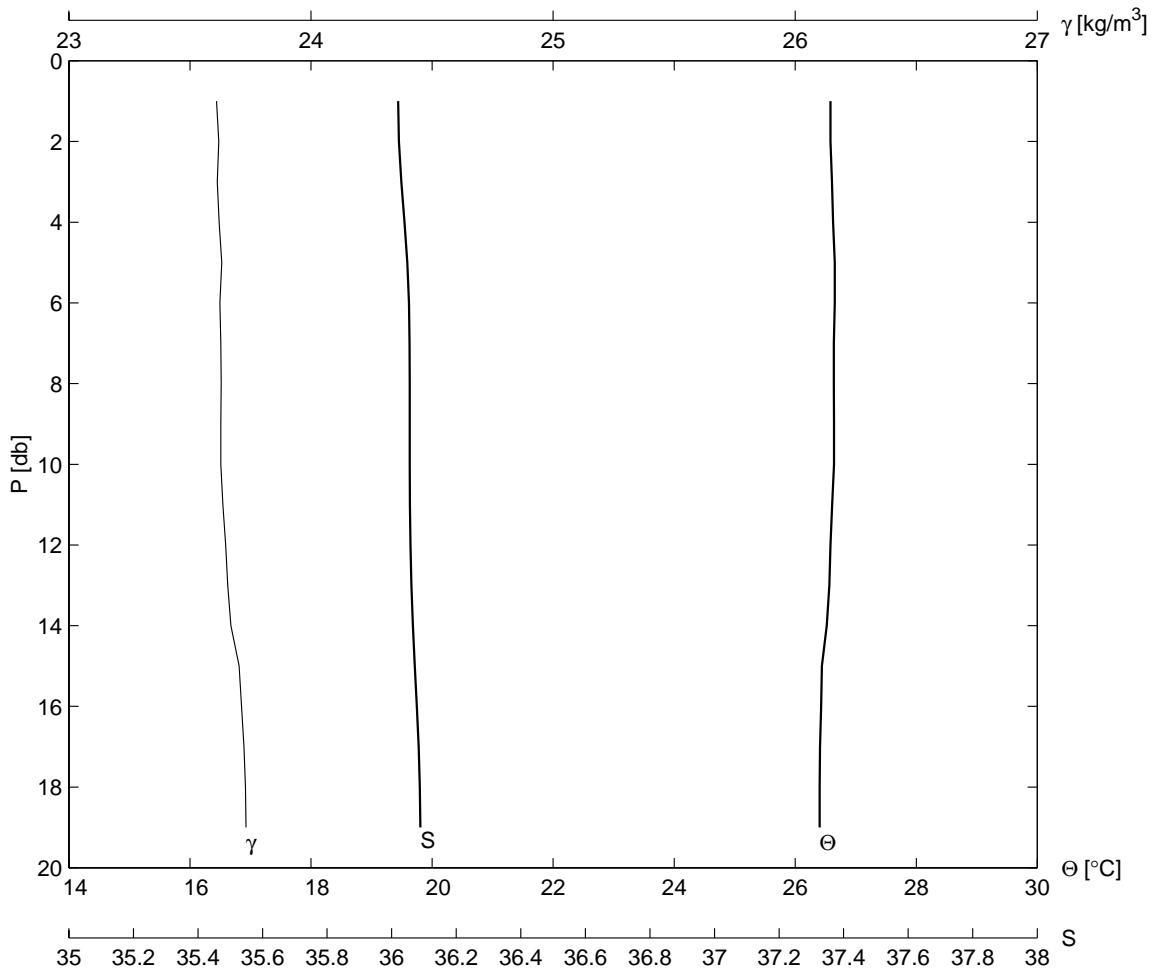
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
AM2	043	31 25.2	114 1.5	11	6	2002	0107		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
10.1	26.5	35.74	20.0	24.0	4.1	252	9	1005.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.977	35.739	23.598	99.900	6.0	25.971	35.736	23.597	99.900
3.0	25.976	35.739	23.599	99.900	7.0	25.972	35.736	23.597	99.900
4.0	25.971	35.740	23.601	99.900	8.0	25.970	35.735	23.597	99.900
5.0	25.975	35.739	23.599	99.900	8.0	25.970	35.735	23.597	99.900



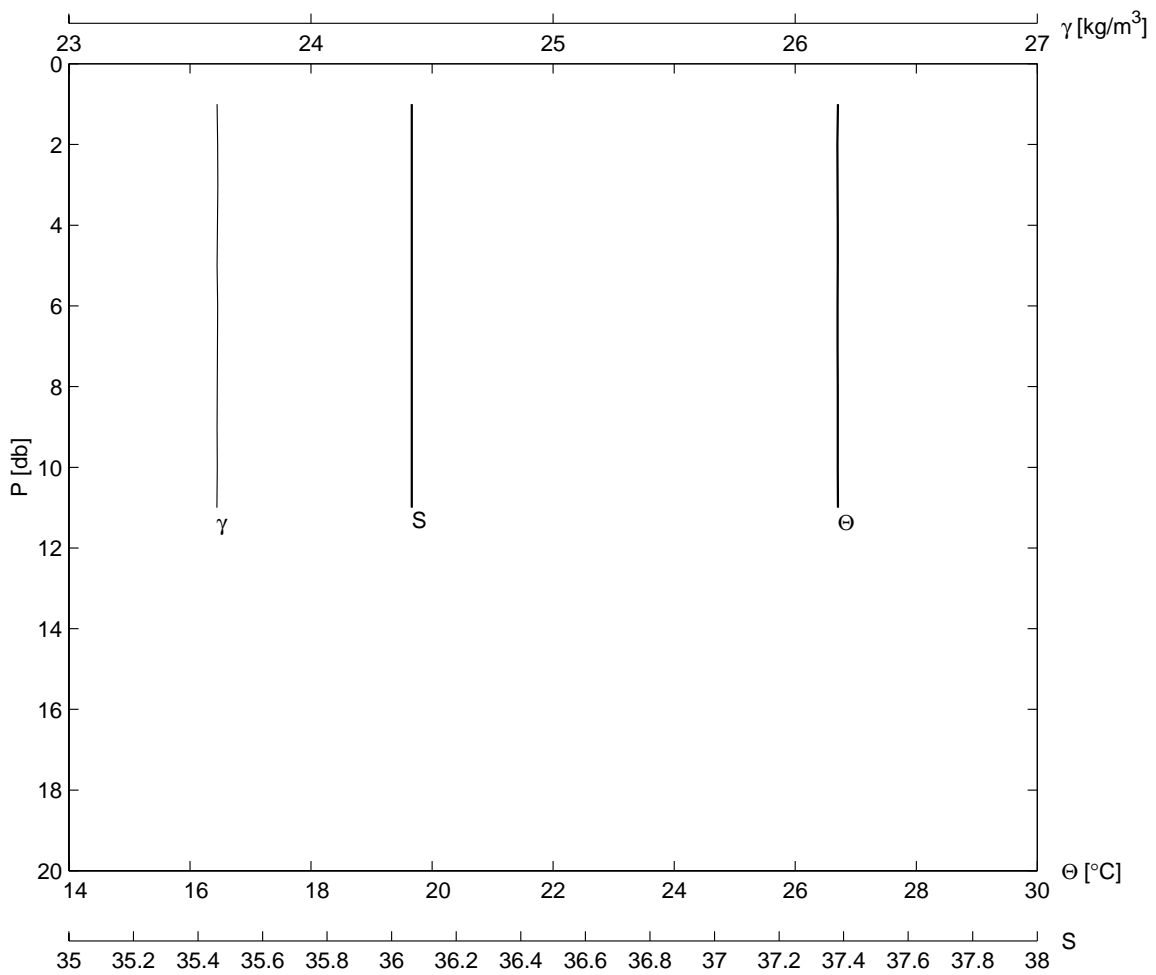
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
AA4	044	31 31.4	114 14.7	11	6	2002	0327		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
12.0	26.9	35.98	20.0	24.0	4.9	37	9	1006.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.436	35.977	23.634	99.900	7.0	26.490	36.039	23.663	99.900
3.0	26.422	35.970	23.633	99.900	8.0	26.488	36.083	23.697	99.900
4.0	26.425	35.975	23.635	99.900	9.0	26.457	36.116	23.732	99.900
5.0	26.430	35.982	23.639	99.900	10.0	26.468	36.047	23.676	99.900
6.0	26.465	36.025	23.660	99.900	10.0	26.468	36.047	23.676	99.900



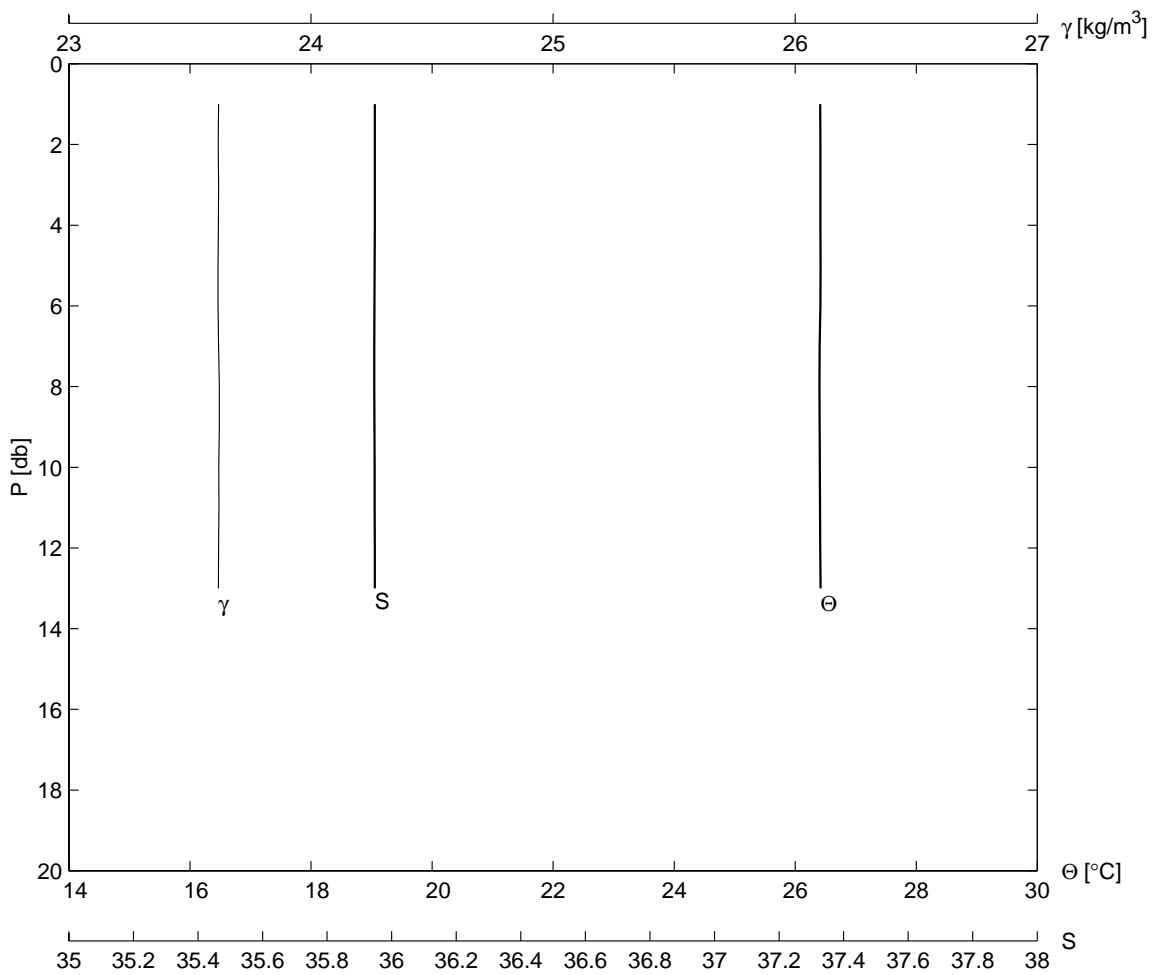
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
B06	045	31 31.9	114 18.3	11	6	2002	0417		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
22.8	26.8	36.01	20.5	24.0	6.3	232	9	1006.5	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.582	36.019	23.619	99.900	7.0	26.638	36.054	23.627	99.900
3.0	26.608	36.022	23.613	99.900	8.0	26.638	36.057	23.629	99.900
4.0	26.625	36.039	23.620	99.900	9.0	26.642	36.056	23.628	99.900
5.0	26.654	36.066	23.631	99.900	10.0	26.641	36.055	23.627	99.900
6.0	26.653	36.056	23.624	99.900	15.0	26.441	36.072	23.703	99.900
19.0	26.404	36.094	23.732	99.900					



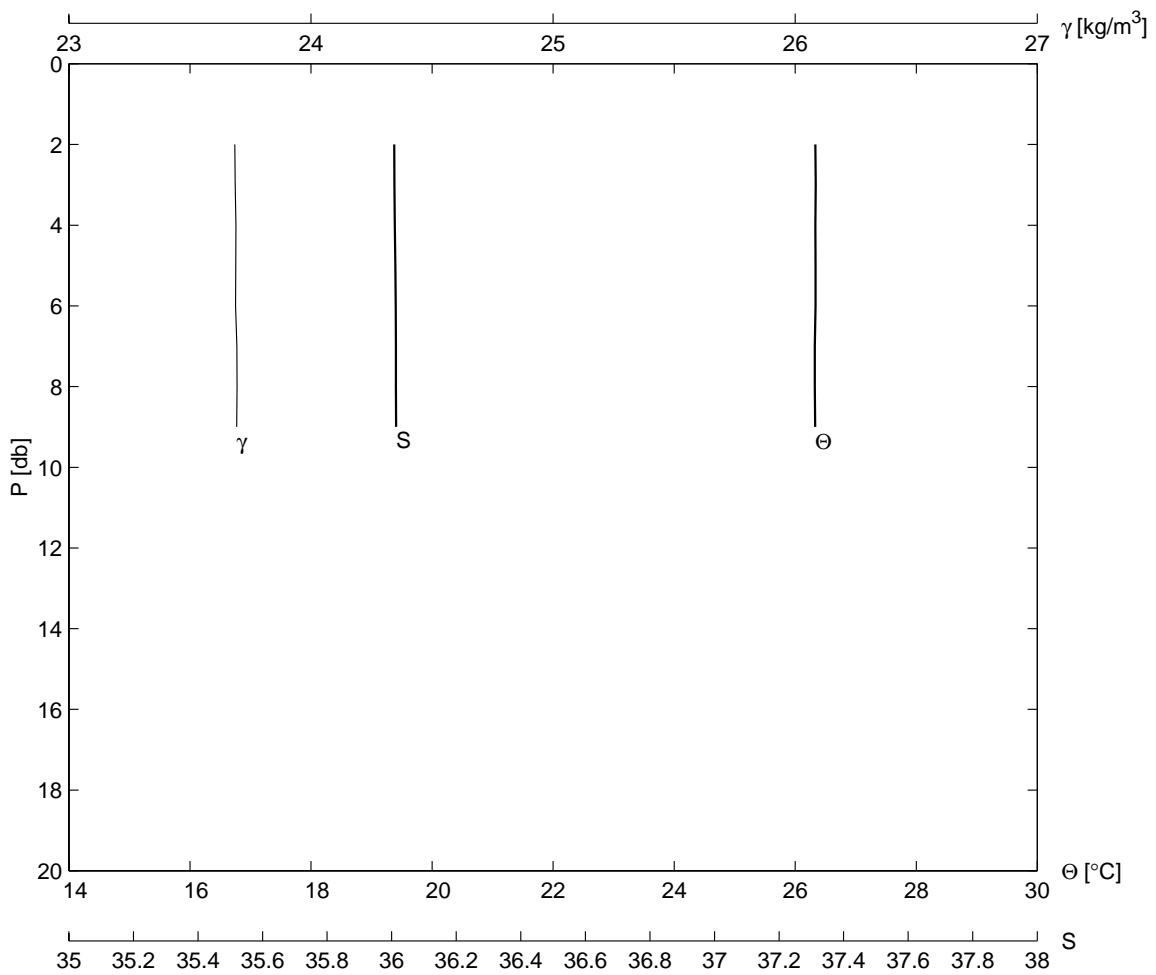
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
B05	046	31 32.3	114 23.0	11	6	2002	0514		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
17.0	26.8	36.06	20.5	24.0	5.1	178	9	1007.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.697	36.061	23.614	99.900	7.0	26.701	36.063	23.614	99.900
3.0	26.700	36.064	23.615	99.900	8.0	26.704	36.063	23.613	99.900
4.0	26.703	36.063	23.613	99.900	9.0	26.703	36.062	23.612	99.900
5.0	26.703	36.061	23.612	99.900	10.0	26.704	36.063	23.613	99.900
6.0	26.699	36.063	23.615	99.900	11.0	26.706	36.061	23.611	99.900



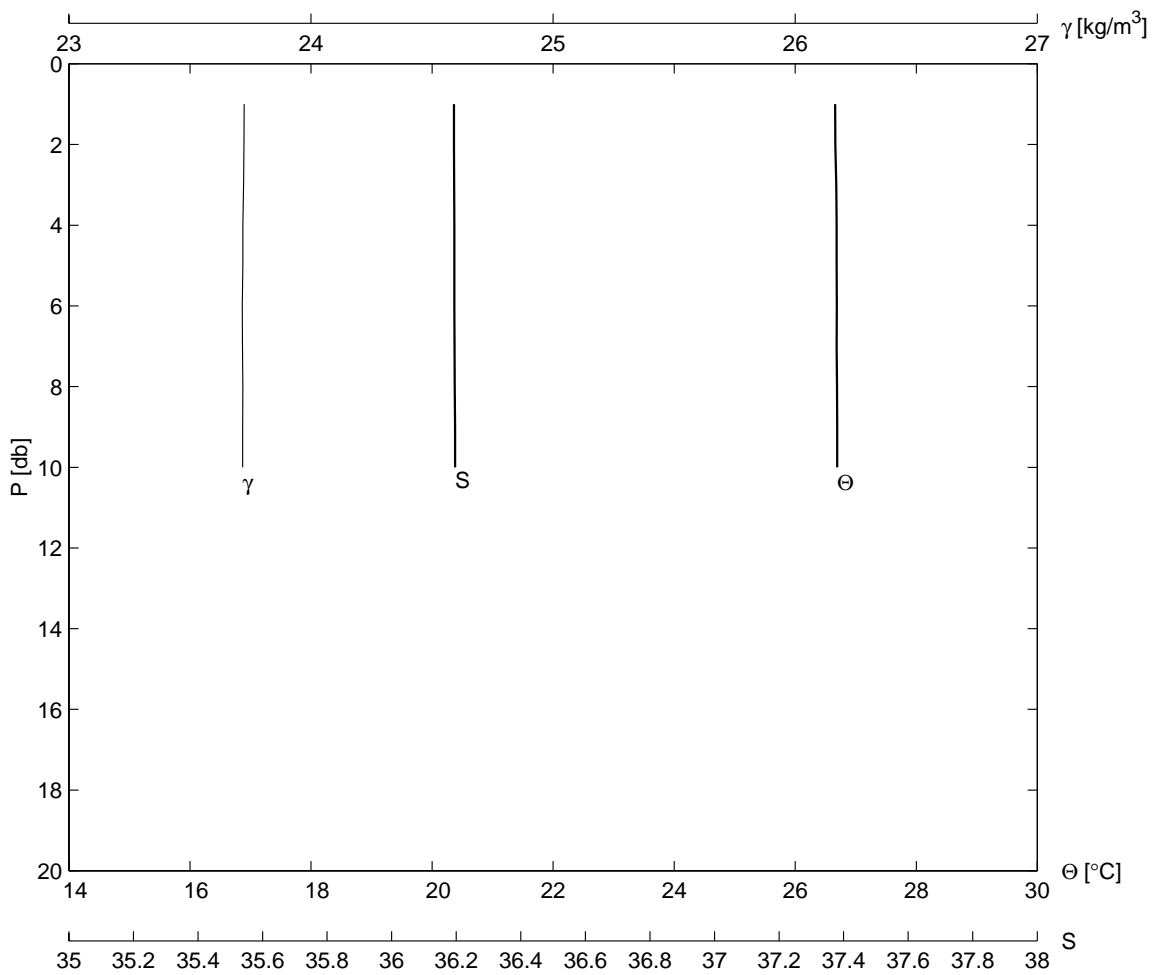
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
A05	047	31 35.2	114 22.1	11	6	2002	0554		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
13.5	27.0	35.95	21.0	24.0	4.6	100	9	1007.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.417	35.947	23.617	99.900	7.0	26.405	35.944	23.619	99.900
3.0	26.416	35.949	23.619	99.900	8.0	26.400	35.946	23.621	99.900
4.0	26.418	35.948	23.617	99.900	9.0	26.403	35.947	23.621	99.900
5.0	26.421	35.948	23.616	99.900	10.0	26.408	35.946	23.619	99.900
6.0	26.417	35.946	23.616	99.900	13.0	26.420	35.949	23.617	99.900



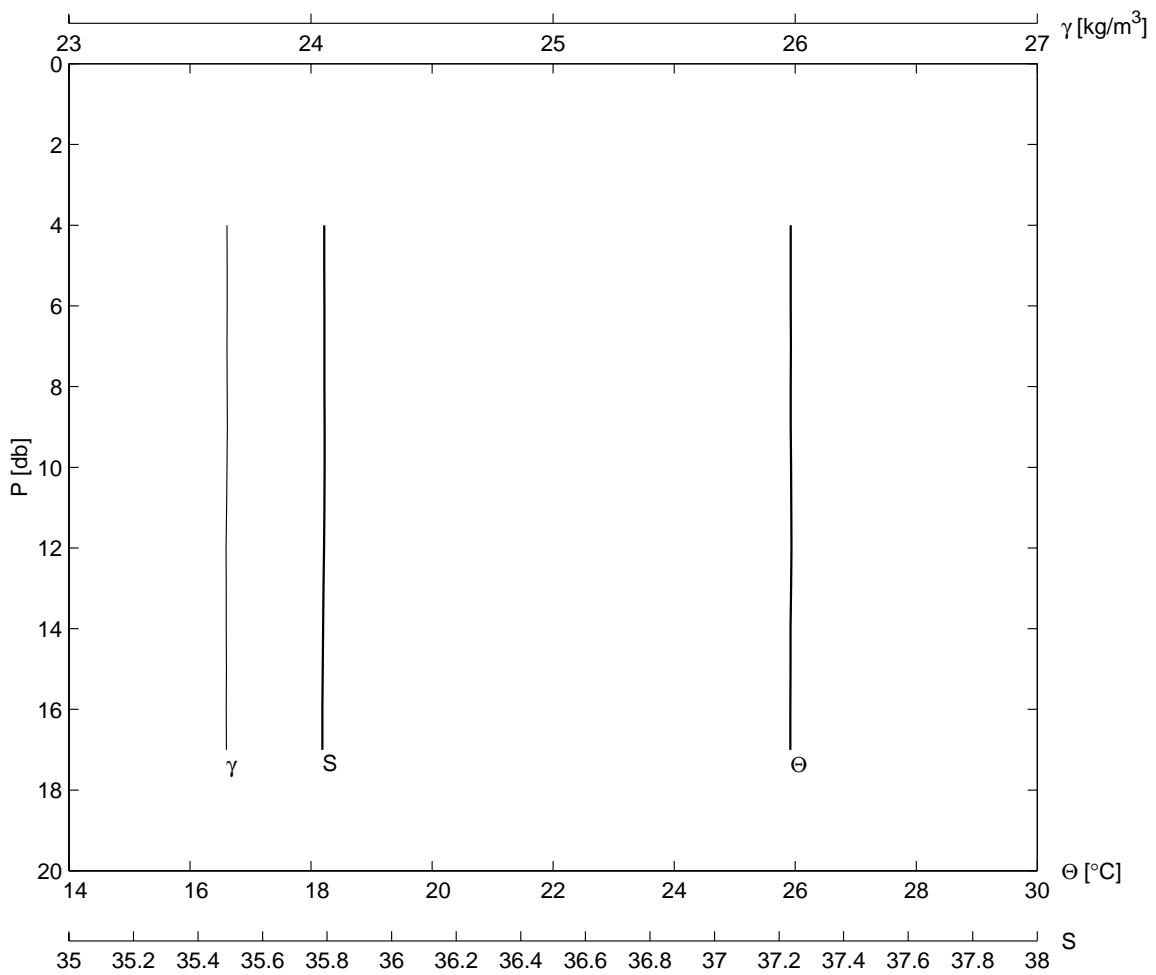
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
A03	049	31 33.1	114 32.5	11	6	2002	0805		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
12.5	26.7	35.73	2150.0	24.5	6.2	50	9	1008.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.332	35.999	23.685	99.900	6.0	26.337	36.012	23.689	99.900
3.0	26.340	36.010	23.687	99.900	7.0	26.325	36.013	23.694	99.900
4.0	26.332	36.011	23.690	99.900	8.0	26.325	36.014	23.695	99.900
5.0	26.338	36.013	23.689	99.900	9.0	26.329	36.014	23.693	99.900
9.0	26.329	36.014	23.693	99.900					



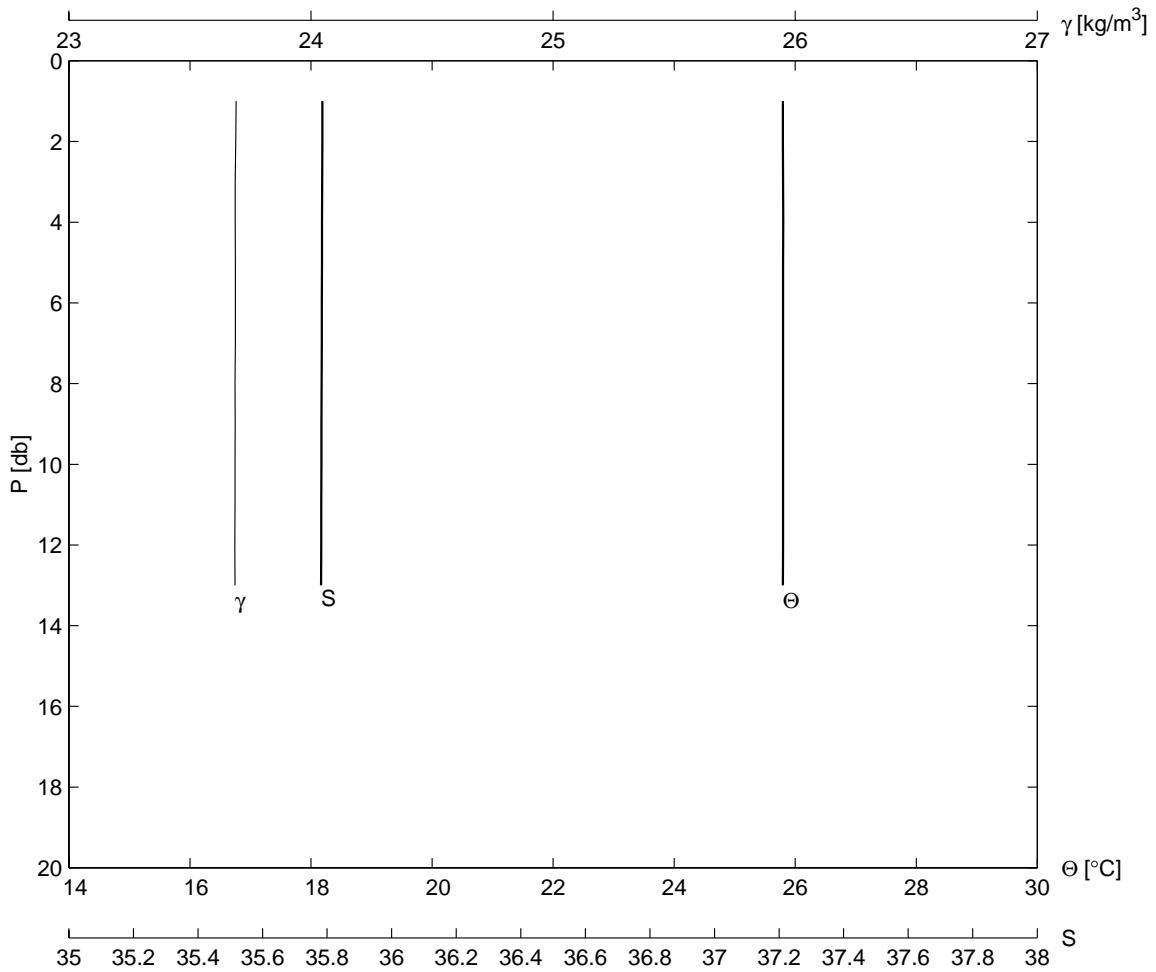
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
A02	050	31 28.9	114 40.7	11	6	2002	0950		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
14.6	27.1	36.19	21.5	24.0	4.3	46	9	1007.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.663	36.191	23.723	99.900	7.0	26.684	36.193	23.717	99.900
3.0	26.679	36.196	23.722	99.900	8.0	26.690	36.196	23.718	99.900
4.0	26.683	36.194	23.718	99.900	9.0	26.693	36.197	23.718	99.900
5.0	26.685	36.195	23.719	99.900	10.0	26.693	36.197	23.718	99.900
6.0	26.687	36.192	23.716	99.900	10.0	26.693	36.197	23.718	99.900



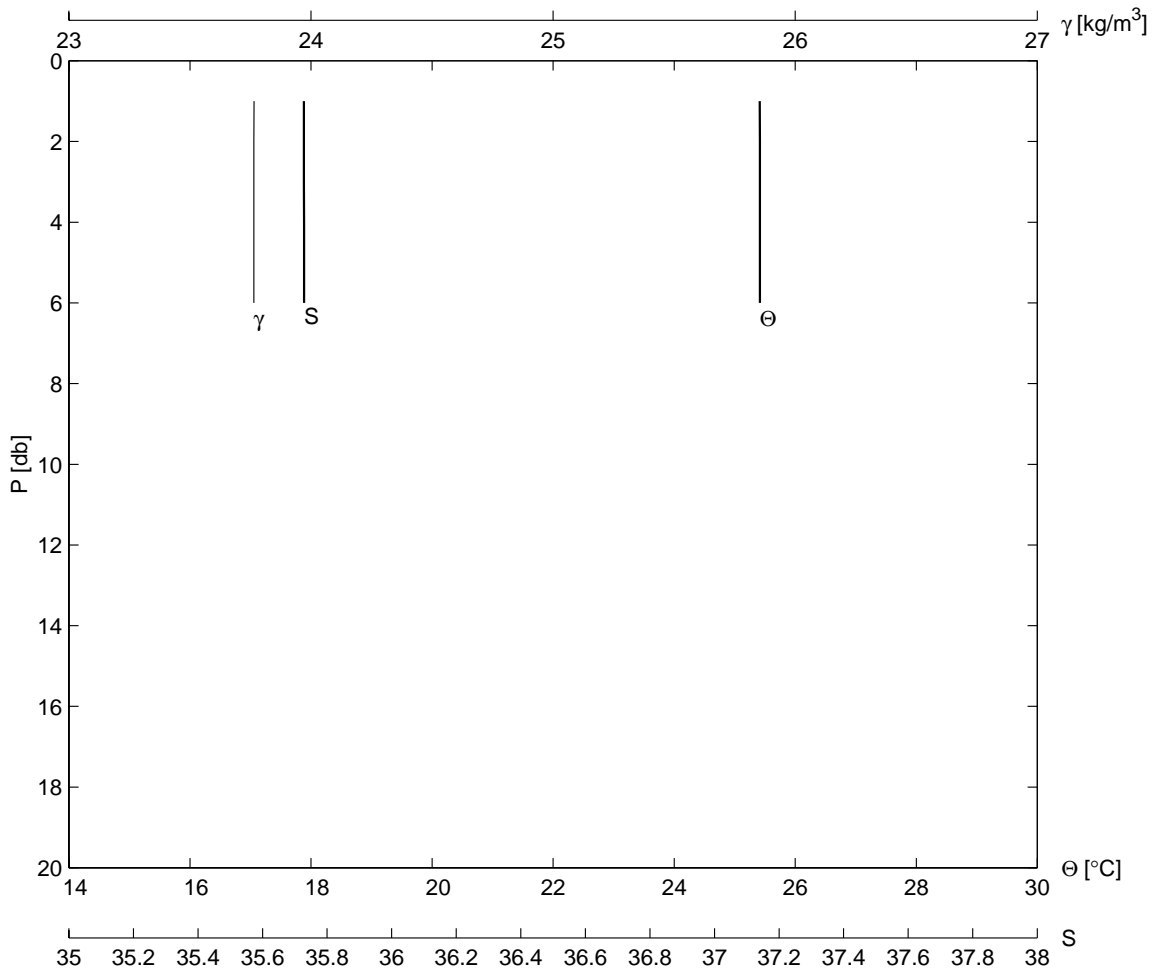
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
B03	051	31 25.0	114 37.6	11	6	2002	1057		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
19.0	25.9	35.79	24.0	25.5	6.5	218	9	1007.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
4.0	25.926	35.791	23.653	99.900	8.0	25.926	35.791	23.654	99.900
5.0	25.925	35.791	23.654	99.900	9.0	25.925	35.793	23.655	99.900
6.0	25.927	35.792	23.654	99.900	10.0	25.932	35.792	23.653	99.900
7.0	25.928	35.791	23.653	99.900	15.0	25.924	35.786	23.650	99.900
17.0	25.919	35.785	23.651	99.900					



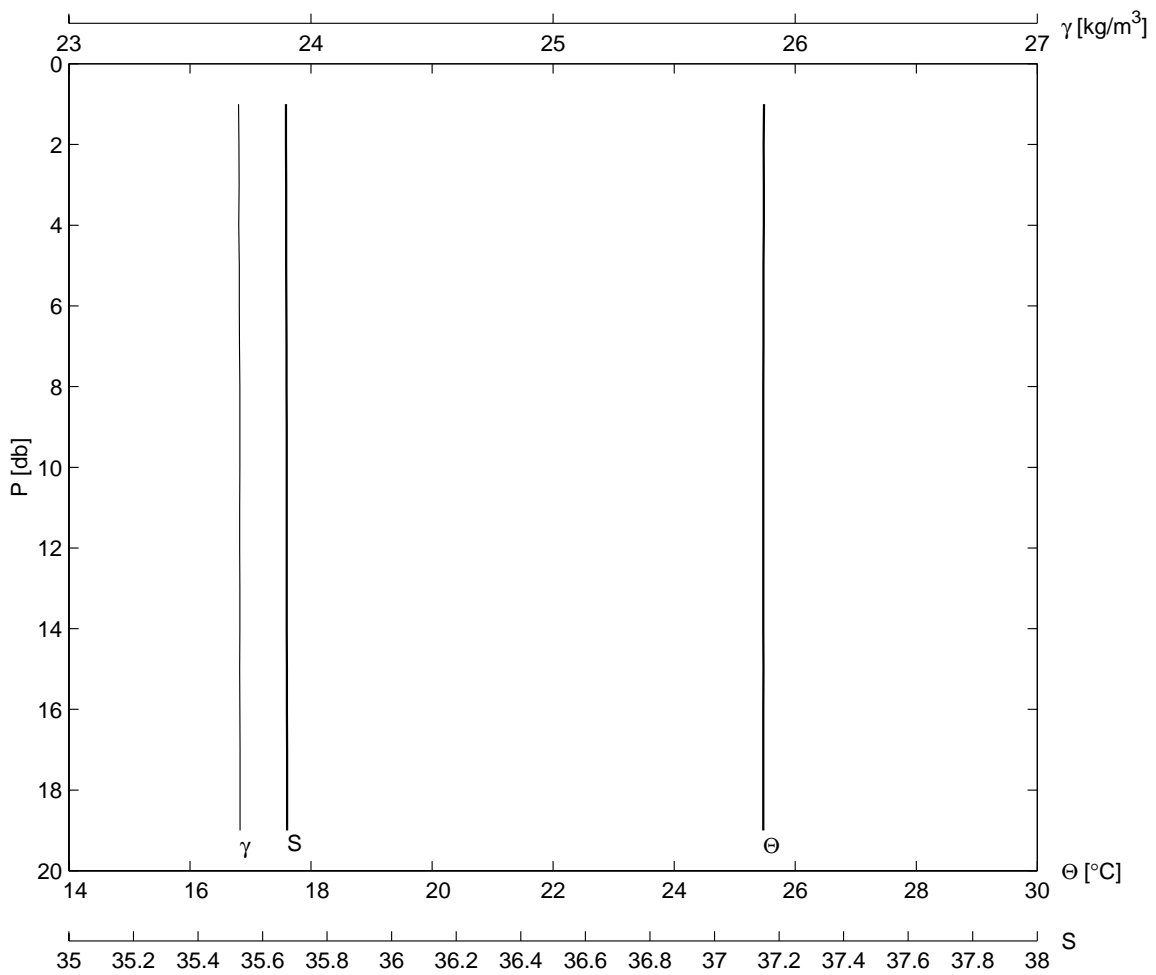
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
B04	052	31 28.9	114 29.5	11	6	2002	1230		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
15.7	26.3	35.79	20.3	24.0	6.0	223	9	1007.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.797	35.785	23.689	99.900	7.0	25.800	35.784	23.688	99.900
3.0	25.800	35.784	23.687	99.900	8.0	25.799	35.782	23.686	99.900
4.0	25.802	35.784	23.687	99.900	9.0	25.800	35.783	23.687	99.900
5.0	25.799	35.784	23.687	99.900	10.0	25.799	35.782	23.686	99.900
6.0	25.798	35.784	23.688	99.900	13.0	25.798	35.781	23.686	99.900



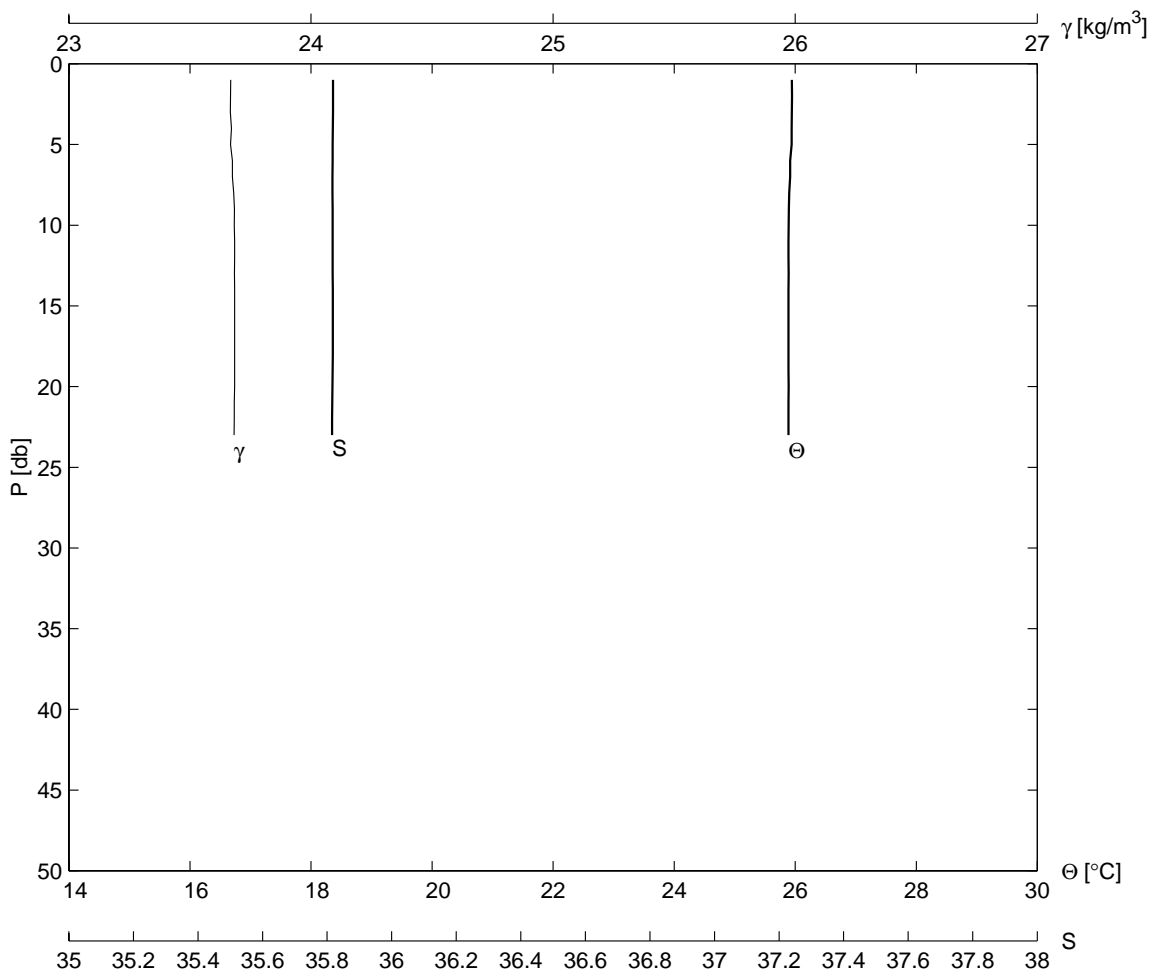
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
C03	053	31 20.5	114 34.9	11	6	2002	1425		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
10.0	25.9	35.73	21.3	25.0	6.4	34	9	1008.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.416	35.728	23.764	99.900	5.0	25.417	35.729	23.764	99.900
3.0	25.416	35.728	23.764	99.900	6.0	25.418	35.729	23.764	99.900
4.0	25.417	35.728	23.764	99.900	6.0	25.418	35.729	23.764	99.900



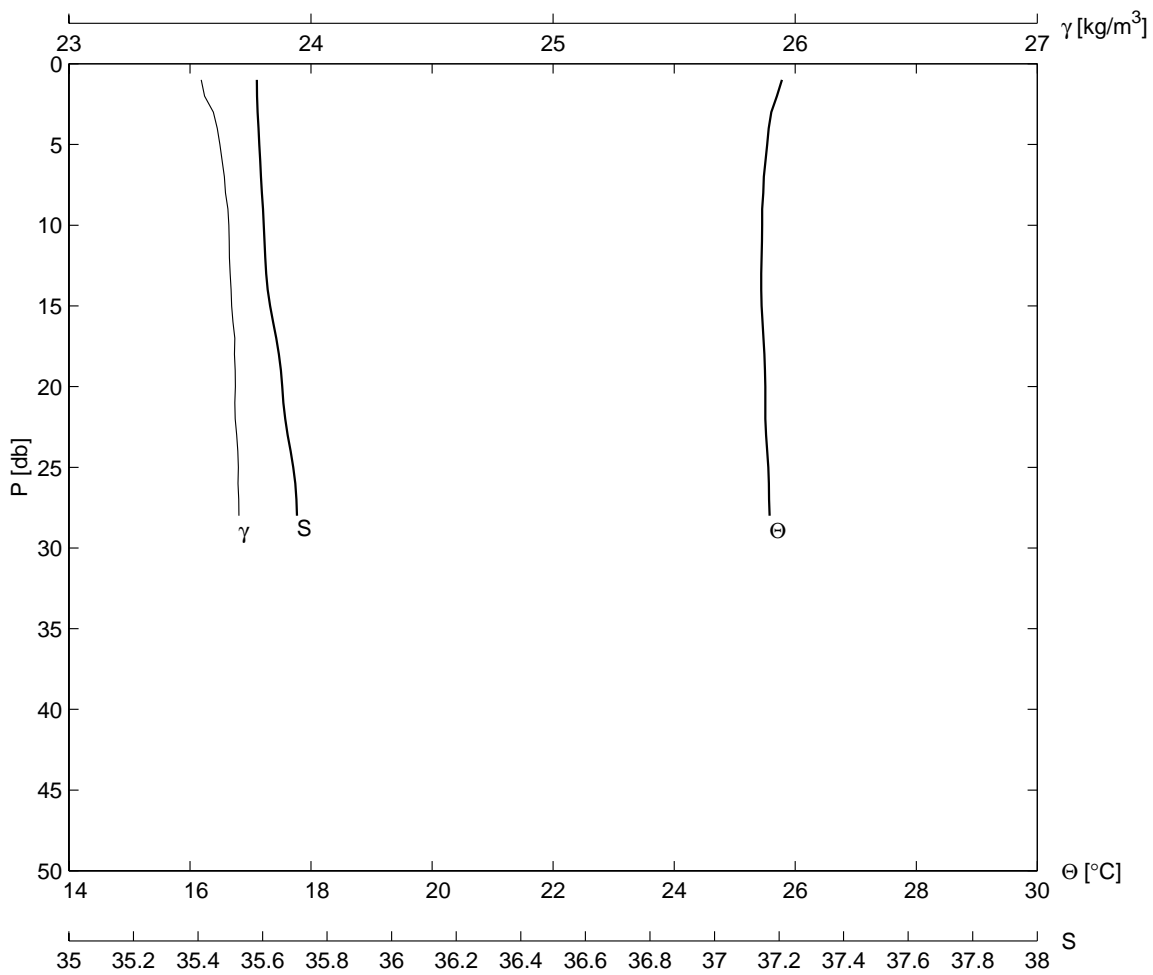
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
C04	054	31 24.8	114 26.6	11	6	2002	1612		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
22.7	25.9	35.67	20.0	24.5	8.8	51	9	1010.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.479	35.673	23.703	99.900	7.0	25.475	35.673	23.704	99.900
3.0	25.481	35.674	23.703	99.900	8.0	25.473	35.675	23.706	99.900
4.0	25.480	35.672	23.702	99.900	9.0	25.474	35.675	23.706	99.900
5.0	25.476	35.673	23.704	99.900	10.0	25.473	35.675	23.706	99.900
6.0	25.476	35.674	23.704	99.900	15.0	25.474	35.675	23.706	99.900
19.0	25.473	35.676	23.707	99.900					



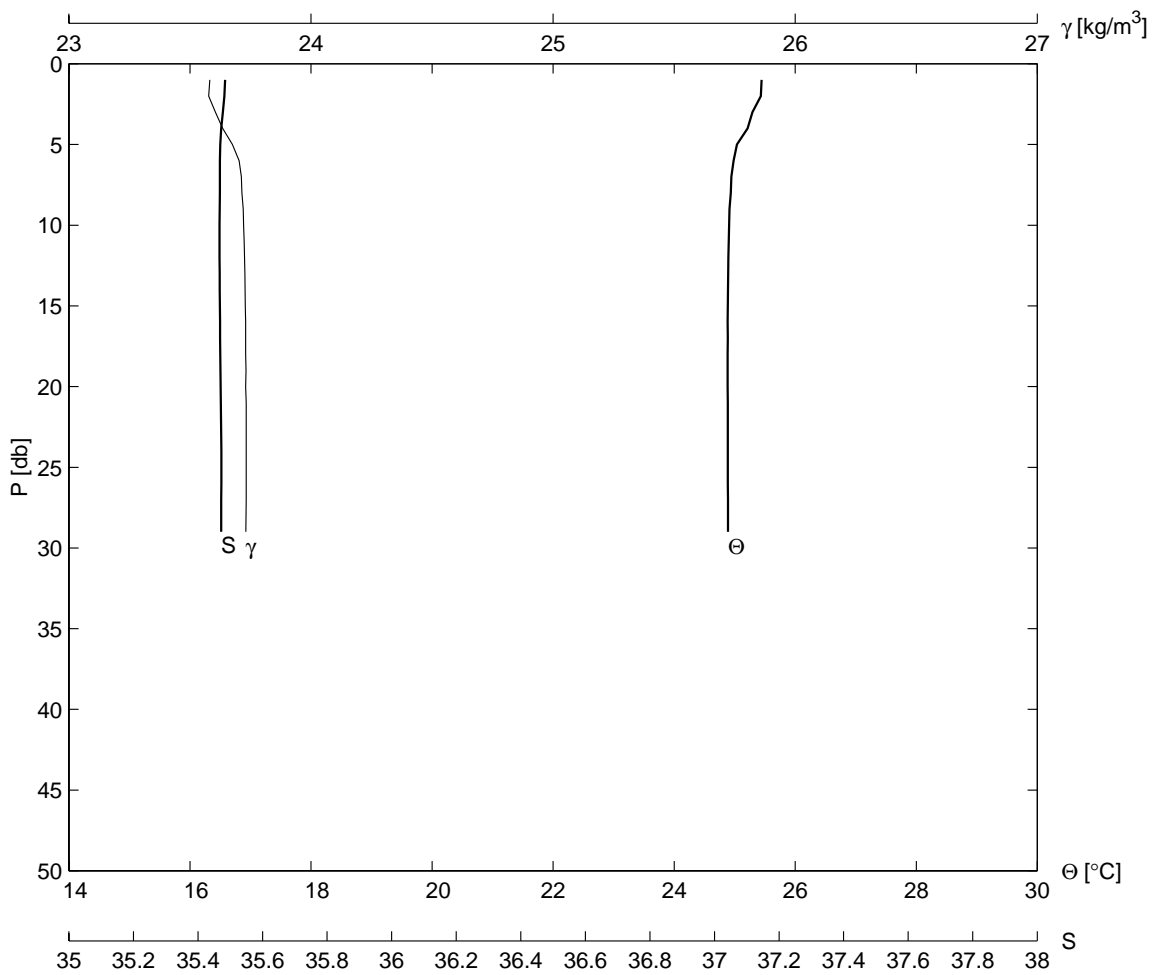
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
C05	055	31 28.1	114 19.9	11	6	2002	1737		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
27.5	26.4	35.82	21.0	25.0	5.7	62	9	1010.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.947	35.819	23.668	99.900	8.0	25.900	35.816	23.681	99.900
3.0	25.943	35.816	23.667	99.900	9.0	25.894	35.818	23.684	99.900
4.0	25.941	35.821	23.671	99.900	10.0	25.893	35.816	23.683	99.900
5.0	25.941	35.816	23.668	99.900	15.0	25.890	35.817	23.685	99.900
6.0	25.918	35.817	23.675	99.900	20.0	25.891	35.817	23.684	99.900
7.0	25.916	35.816	23.676	99.900	23.0	25.888	35.814	23.683	99.900



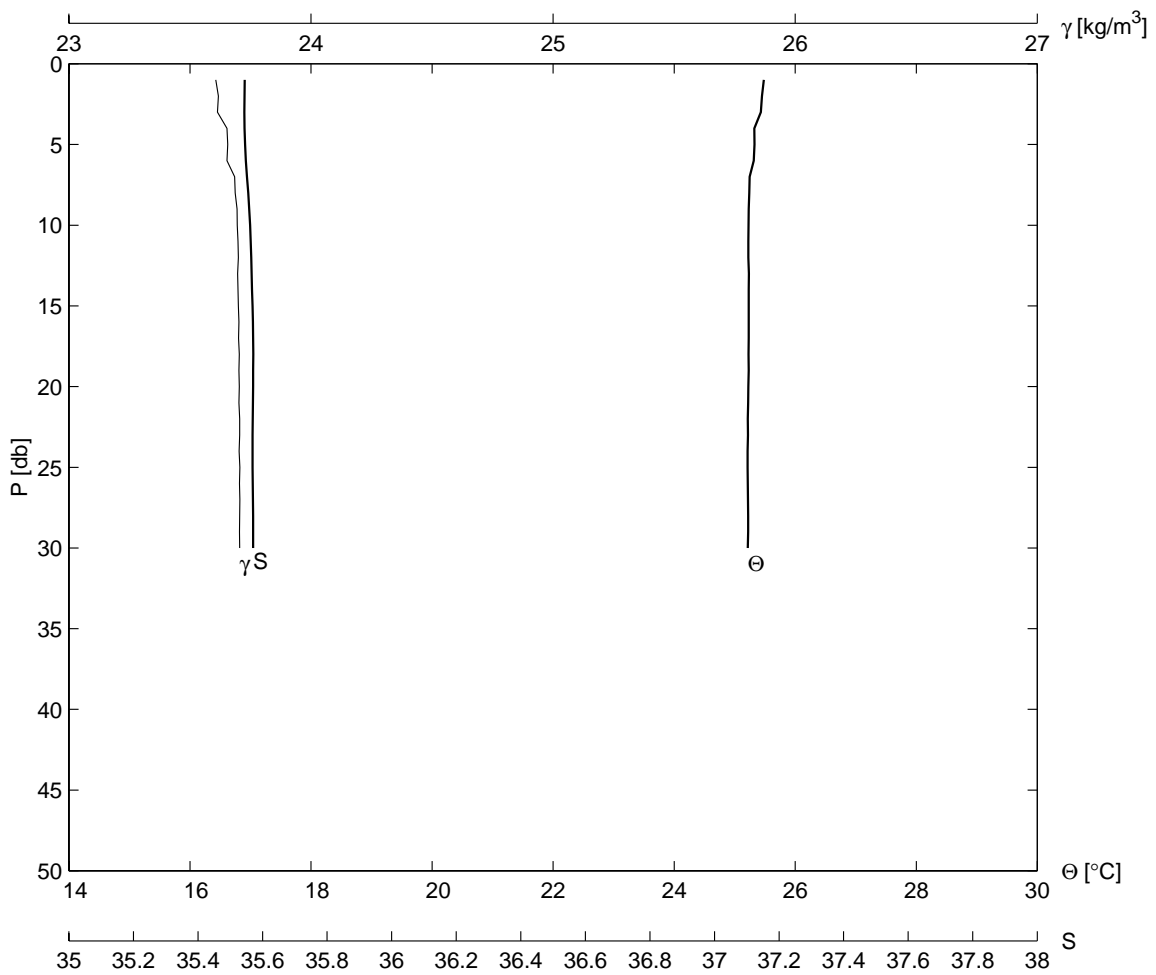
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
D06	056	31 26.3	114 11.9	11	6	2002	1935		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
33.8	26.3	35.59	22.0	25.0	4.1	224	9	1010.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.699	35.575	23.561	99.900	8.0	25.474	35.597	23.647	99.900
3.0	25.604	35.584	23.597	99.900	9.0	25.453	35.601	23.657	99.900
4.0	25.563	35.588	23.613	99.900	10.0	25.453	35.607	23.661	99.900
5.0	25.539	35.593	23.624	99.900	15.0	25.444	35.618	23.673	99.900
6.0	25.508	35.592	23.633	99.900	20.0	25.506	35.664	23.688	99.900
7.0	25.482	35.594	23.642	99.900	25.0	25.555	35.700	23.700	99.900
28.0	25.579	35.713	23.702	99.900					



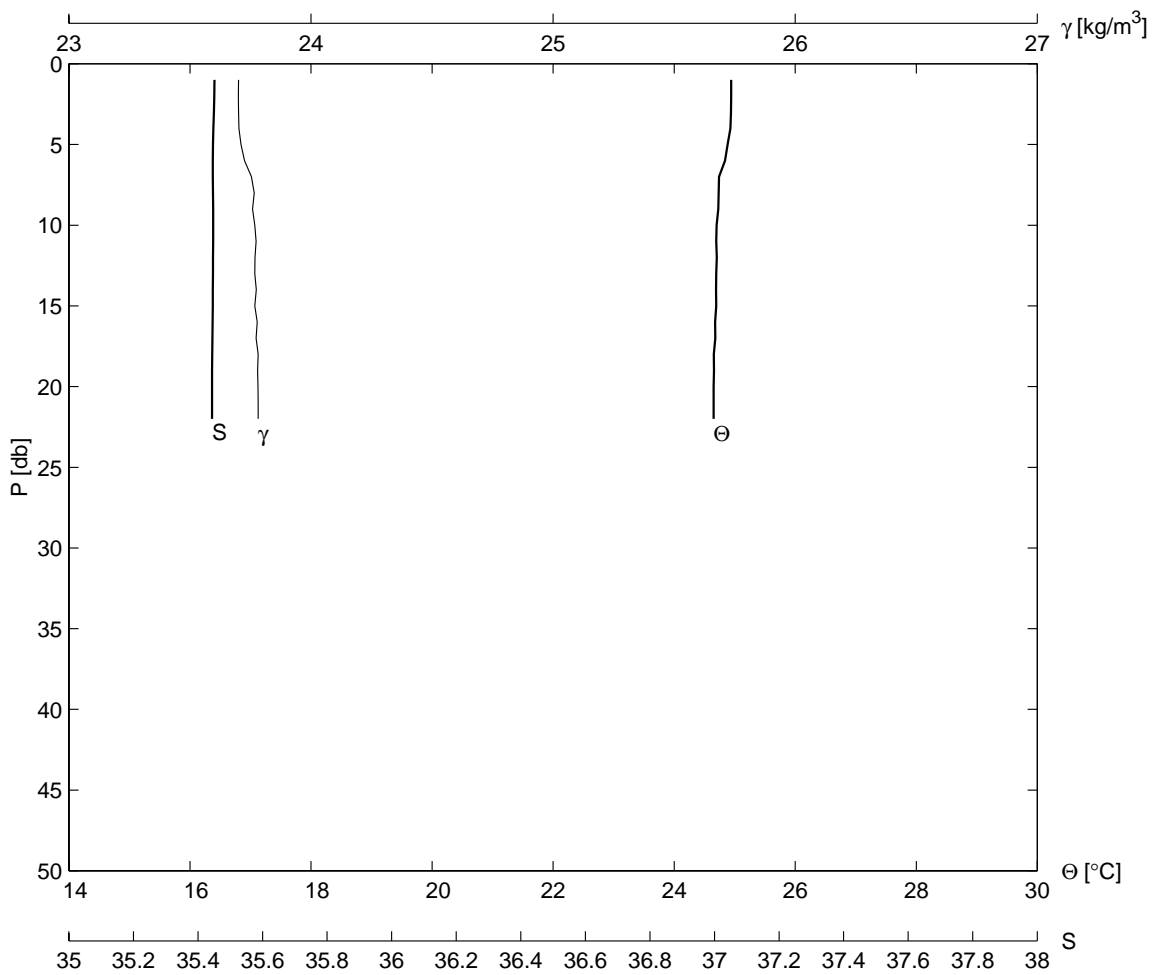
ESTACION AA2	LANCE 057	LATITUD 31 25.3	LONGITUD 114 21.6	DD MM 11 6	AA 2002	H[UT] 2324			
PROFTOT [m]	TEMSUP [°C]	SALSUP [ups]	TEBUHU [°C]	TEBUSE [°C]	V-MAG [m/s]	DIR [AZM]	NUBES [1/8]	BAROM [bar]	
30.5	25.9	35.50	22.0	25.0	4.4	66	9	1007.0	
PR [db]	Θ [°C]	SA	γ [kg/m ³]	OX [ml/l]	PR [db]	Θ [°C]	SA	γ [kg/m ³]	OX [ml/l]
2.0	25.432	35.488	23.578	99.900	8.0	24.935	35.467	23.714	99.900
3.0	25.292	35.467	23.605	99.900	9.0	24.915	35.467	23.720	99.900
4.0	25.212	35.475	23.636	99.900	10.0	24.909	35.467	23.722	99.900
5.0	25.039	35.458	23.675	99.900	15.0	24.888	35.468	23.729	99.900
6.0	24.983	35.472	23.703	99.900	20.0	24.884	35.468	23.730	99.900
7.0	24.947	35.469	23.712	99.900	25.0	24.888	35.472	23.732	99.900
29.0	24.890	35.471	23.731	99.900					



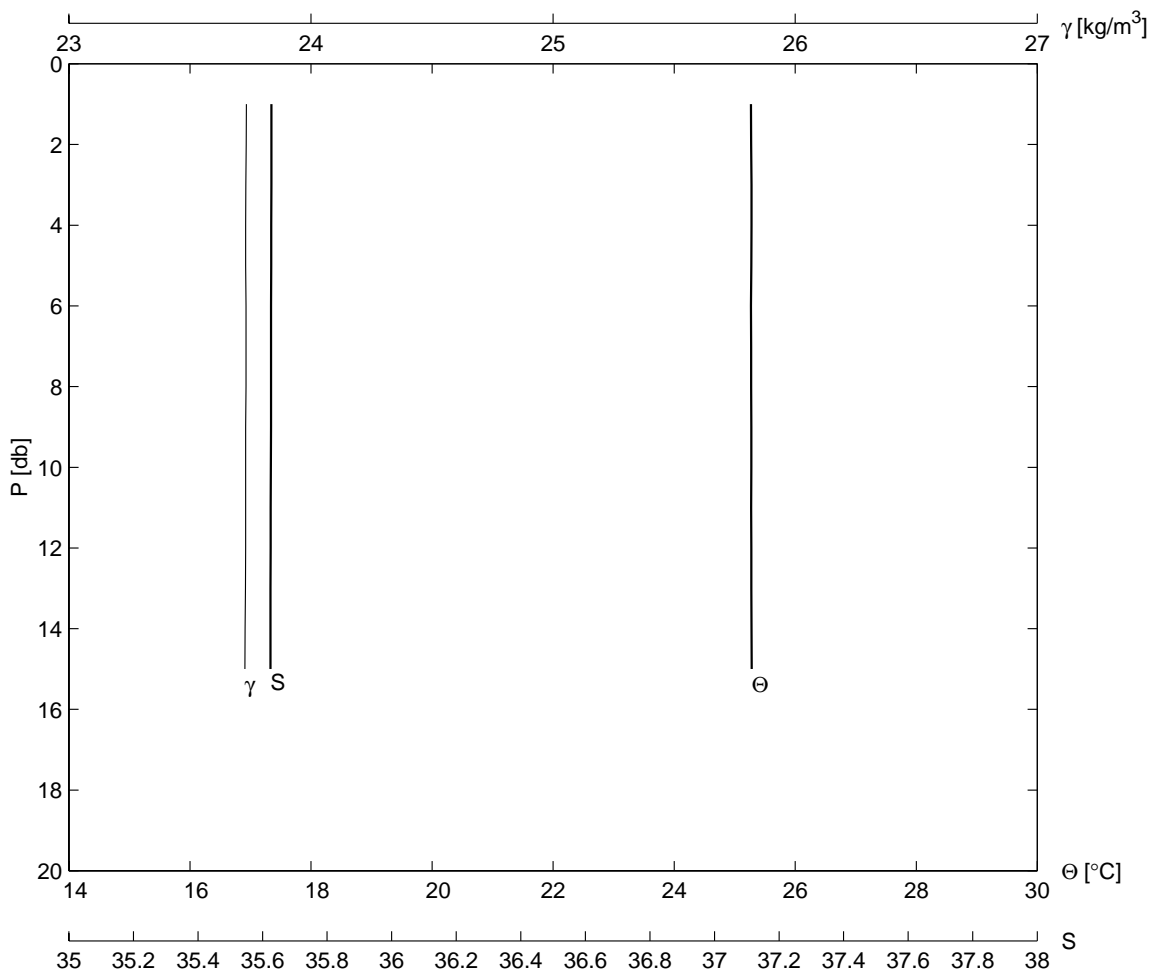
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
D05	058	31 23.5	114 16.5	12	6	2002	0130		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
34.5	26.0	35.54	21.5	26.0	3.6	49	9	1007.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.451	35.548	23.617	99.900	9.0	25.231	35.561	23.695	99.900
3.0	25.432	35.536	23.614	99.900	10.0	25.228	35.561	23.696	99.900
4.0	25.324	35.543	23.653	99.900	15.0	25.233	35.569	23.700	99.900
5.0	25.327	35.549	23.656	99.900	20.0	25.226	35.571	23.704	99.900
6.0	25.316	35.541	23.653	99.900	25.0	25.213	35.569	23.706	99.900
7.0	25.248	35.555	23.685	99.900	30.0	25.216	35.569	23.706	99.900
8.0	25.242	35.556	23.687	99.900	30.0	25.216	35.569	23.706	99.900



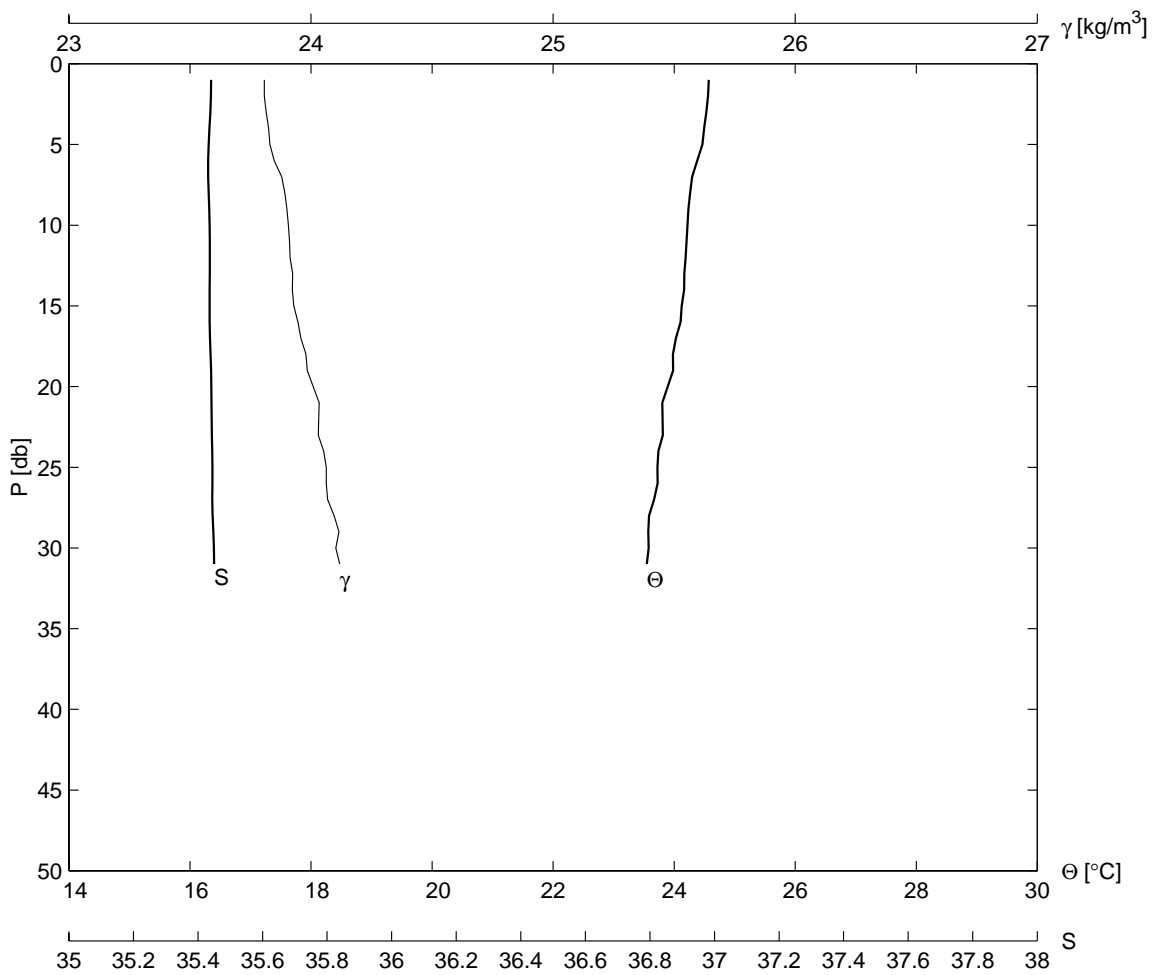
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
D04	059	31 20.2	114 23.2	12	6	2002	0254		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
24.1	25.5	35.45	22.0	25.0	3.5	13	9	1007.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	24.942	35.452	23.700	99.900	8.0	24.736	35.455	23.765	99.900
3.0	24.939	35.451	23.701	99.900	9.0	24.730	35.444	23.759	99.900
4.0	24.929	35.449	23.703	99.900	10.0	24.701	35.445	23.768	99.900
5.0	24.884	35.442	23.711	99.900	15.0	24.695	35.442	23.768	99.900
6.0	24.840	35.444	23.725	99.900	20.0	24.652	35.443	23.781	99.900
7.0	24.743	35.442	23.754	99.900	22.0	24.653	35.444	23.782	99.900



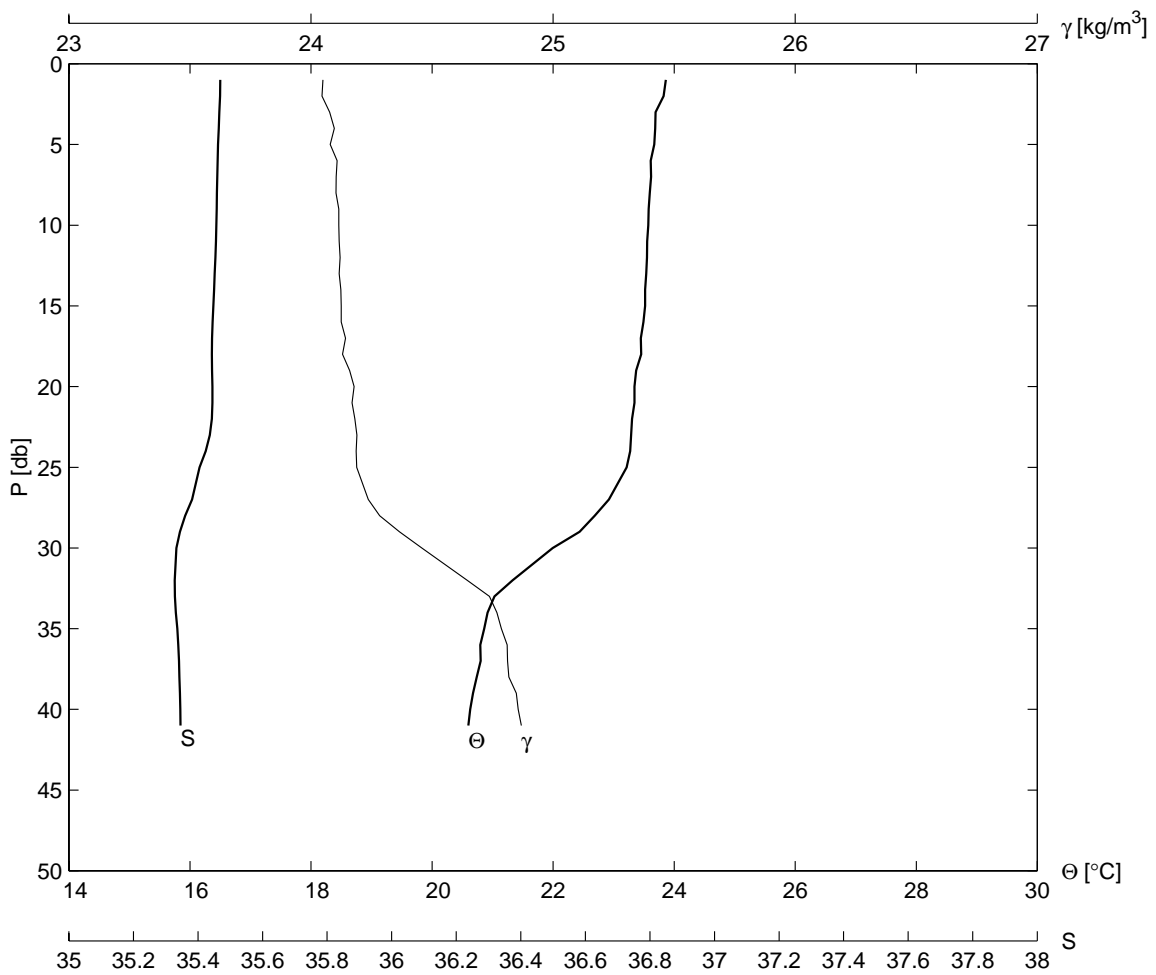
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
D03	060	31 16.3	114 31.7	12	6	2002	0423		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
17.0	25.8	35.63	20.5	24.5	3.9	102	9	1008.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.272	35.628	23.733	99.900	7.0	25.271	35.627	23.732	99.900
3.0	25.278	35.628	23.731	99.900	8.0	25.272	35.627	23.732	99.900
4.0	25.278	35.627	23.730	99.900	9.0	25.276	35.626	23.730	99.900
5.0	25.275	35.626	23.730	99.900	10.0	25.274	35.626	23.730	99.900
6.0	25.268	35.626	23.732	99.900	15.0	25.280	35.624	23.727	99.900
15.0	25.280	35.624	23.727	99.900					



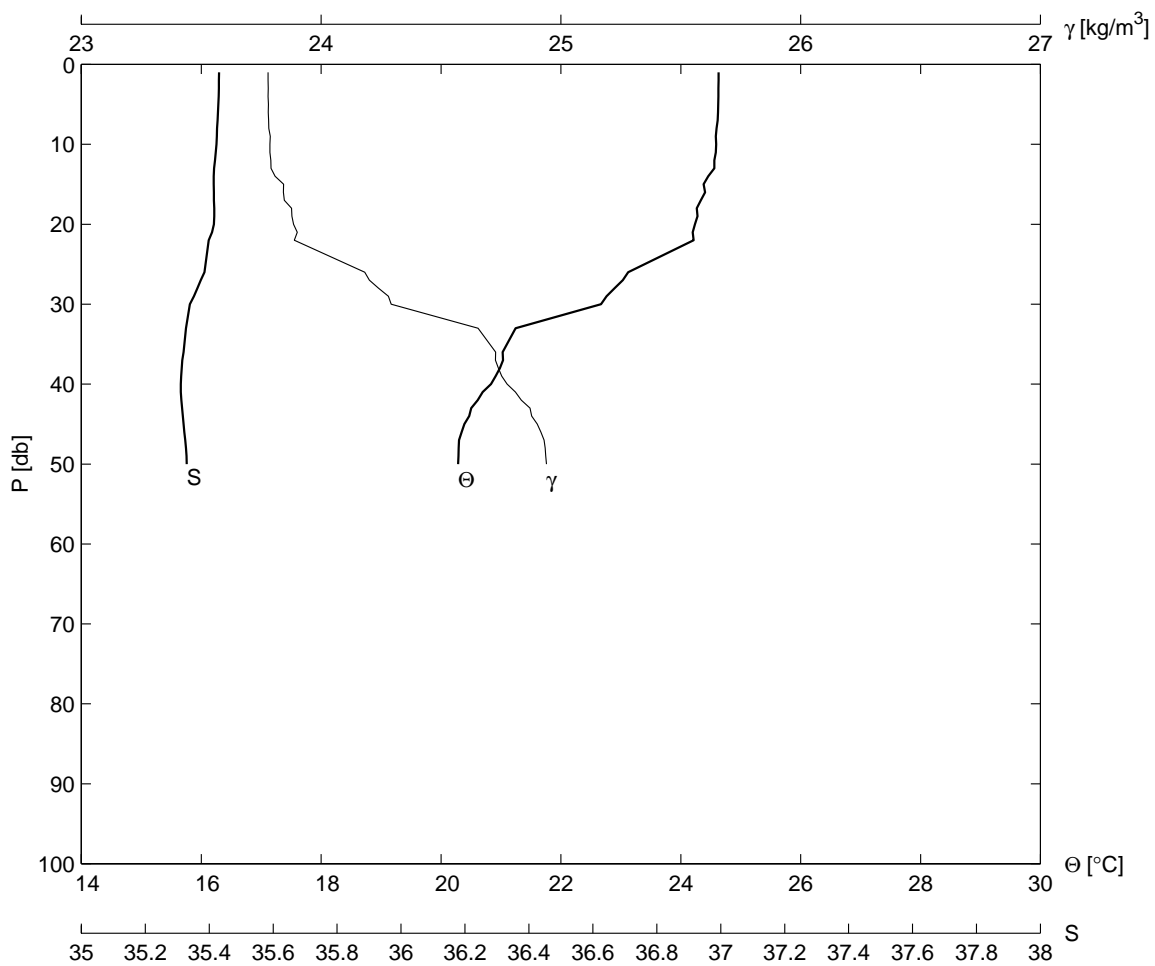
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E03	061	31 11.6	114 28.7	12	6	2002	0544		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
36.1	25.1	35.44	20.5	25.0	1.7	321	9	1008.5	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	24.561	35.440	23.807	99.900	8.0	24.264	35.435	23.892	99.900
3.0	24.532	35.439	23.815	99.900	9.0	24.236	35.435	23.901	99.900
4.0	24.495	35.437	23.825	99.900	10.0	24.219	35.437	23.907	99.900
5.0	24.466	35.433	23.830	99.900	15.0	24.126	35.429	23.929	99.900
6.0	24.381	35.423	23.848	99.900	25.0	23.724	35.449	24.063	99.900
7.0	24.298	35.431	23.879	99.900	30.0	23.579	35.445	24.103	99.900
31.0	23.548	35.455	24.119	99.900					



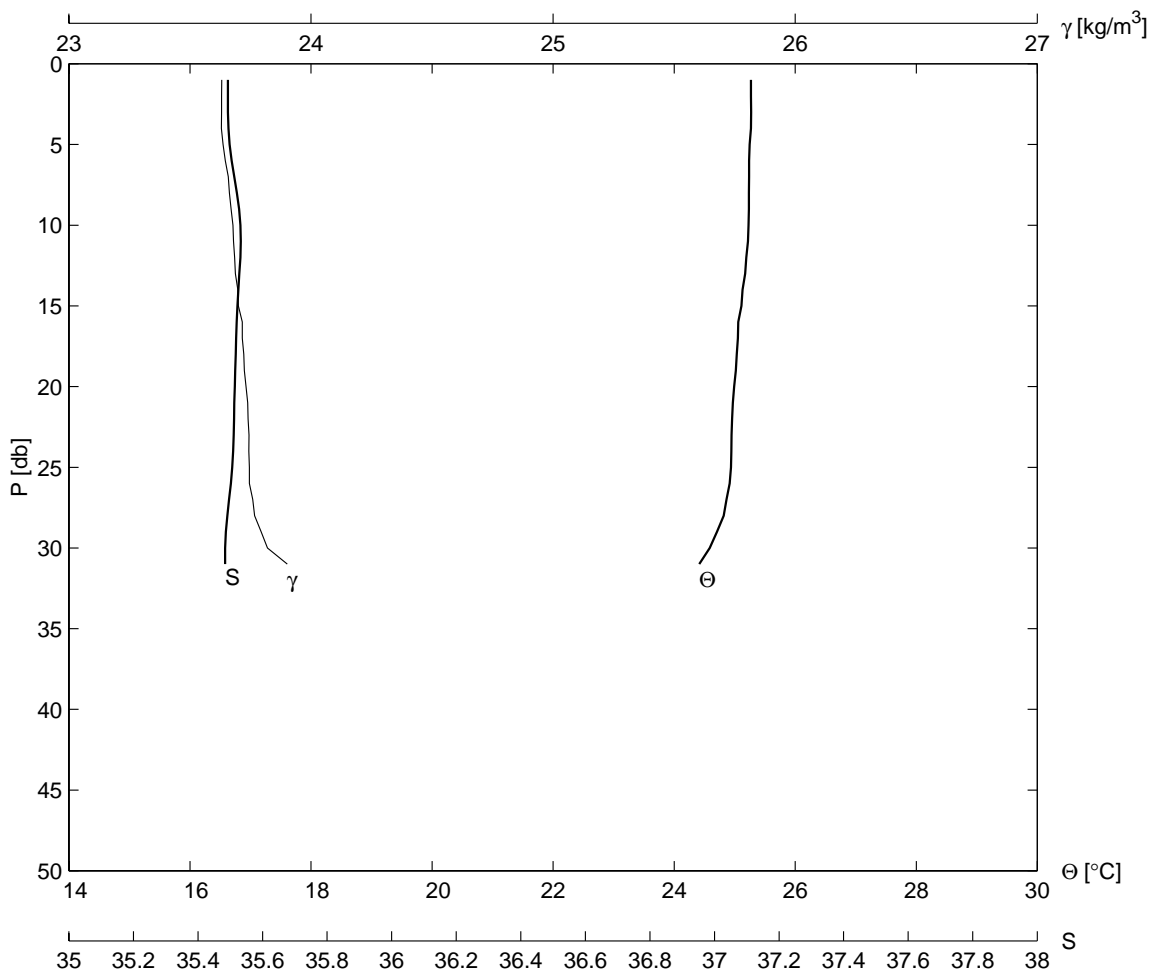
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E04	062	31 15.9	114 19.9	12	6	2002	0732		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
45.7	24.5	35.48	22.0	25.0	2.1	256	9	1009.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	23.826	35.466	24.046	99.900	9.0	23.578	35.461	24.115	99.900
3.0	23.694	35.456	24.077	99.900	10.0	23.574	35.459	24.115	99.900
4.0	23.686	35.478	24.096	99.900	15.0	23.520	35.452	24.125	99.900
5.0	23.671	35.450	24.079	99.900	20.0	23.344	35.454	24.178	99.900
6.0	23.613	35.465	24.108	99.900	25.0	23.215	35.419	24.189	99.900
7.0	23.618	35.462	24.104	99.900	30.0	21.993	35.314	24.458	99.900
8.0	23.598	35.453	24.103	99.900	40.0	20.632	35.344	24.856	99.900
41.0	20.600	35.350	24.869	99.900					



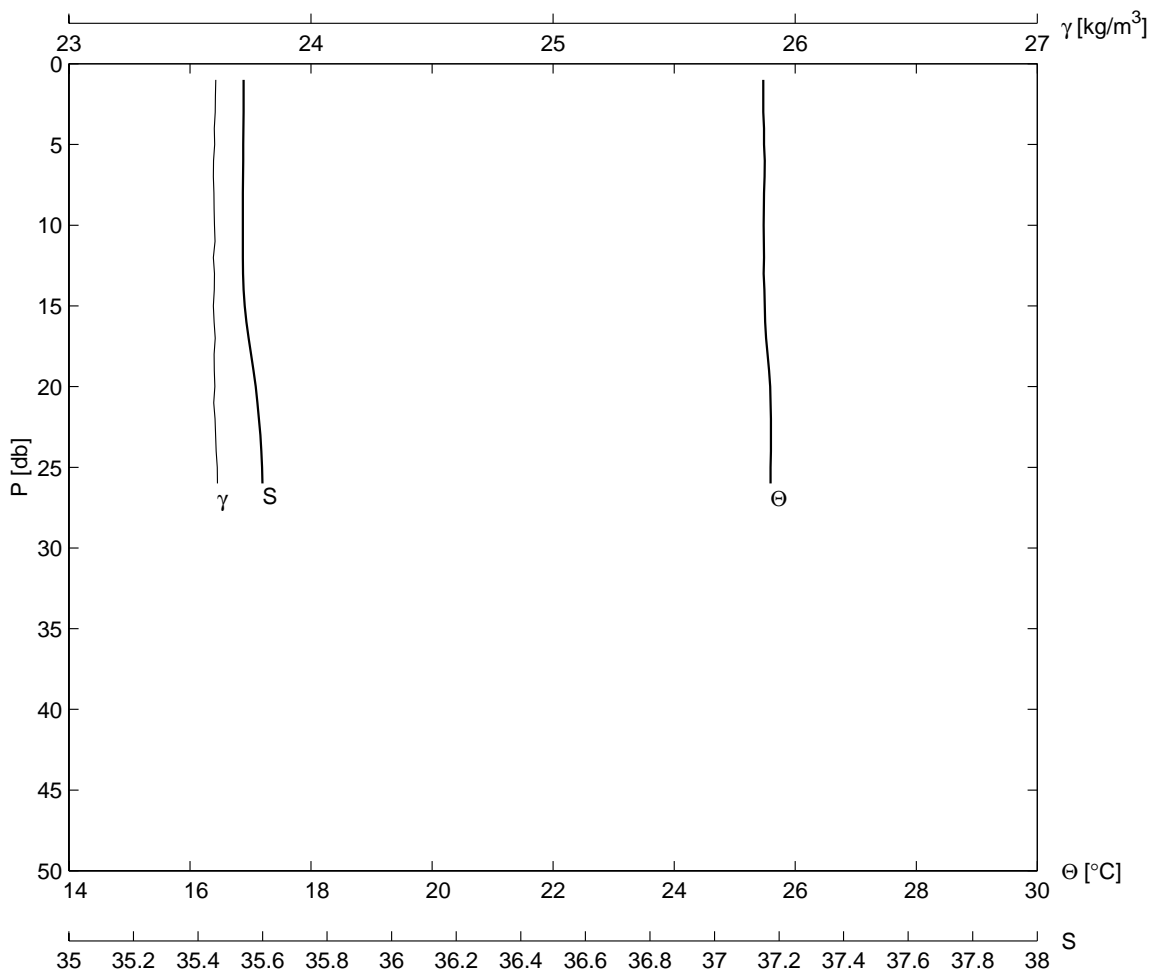
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E05	063	31 19.2	114 13.4	12	6	2002	0902		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
52.4	25.1	35.43	21.0	24.5	2.5	37	9	1009.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	24.630	35.431	23.779	99.900	9.0	24.585	35.425	23.788	99.900
3.0	24.627	35.430	23.780	99.900	10.0	24.590	35.425	23.787	99.900
4.0	24.628	35.430	23.779	99.900	15.0	24.380	35.417	23.843	99.900
5.0	24.623	35.429	23.780	99.900	20.0	24.237	35.415	23.885	99.900
6.0	24.621	35.428	23.780	99.900	30.0	22.669	35.347	24.292	99.900
7.0	24.614	35.427	23.781	99.900	40.0	20.834	35.311	24.776	99.900
8.0	24.597	35.421	23.782	99.900	50.0	20.285	35.333	24.940	99.900
50.0	20.285	35.333	24.940	99.900					



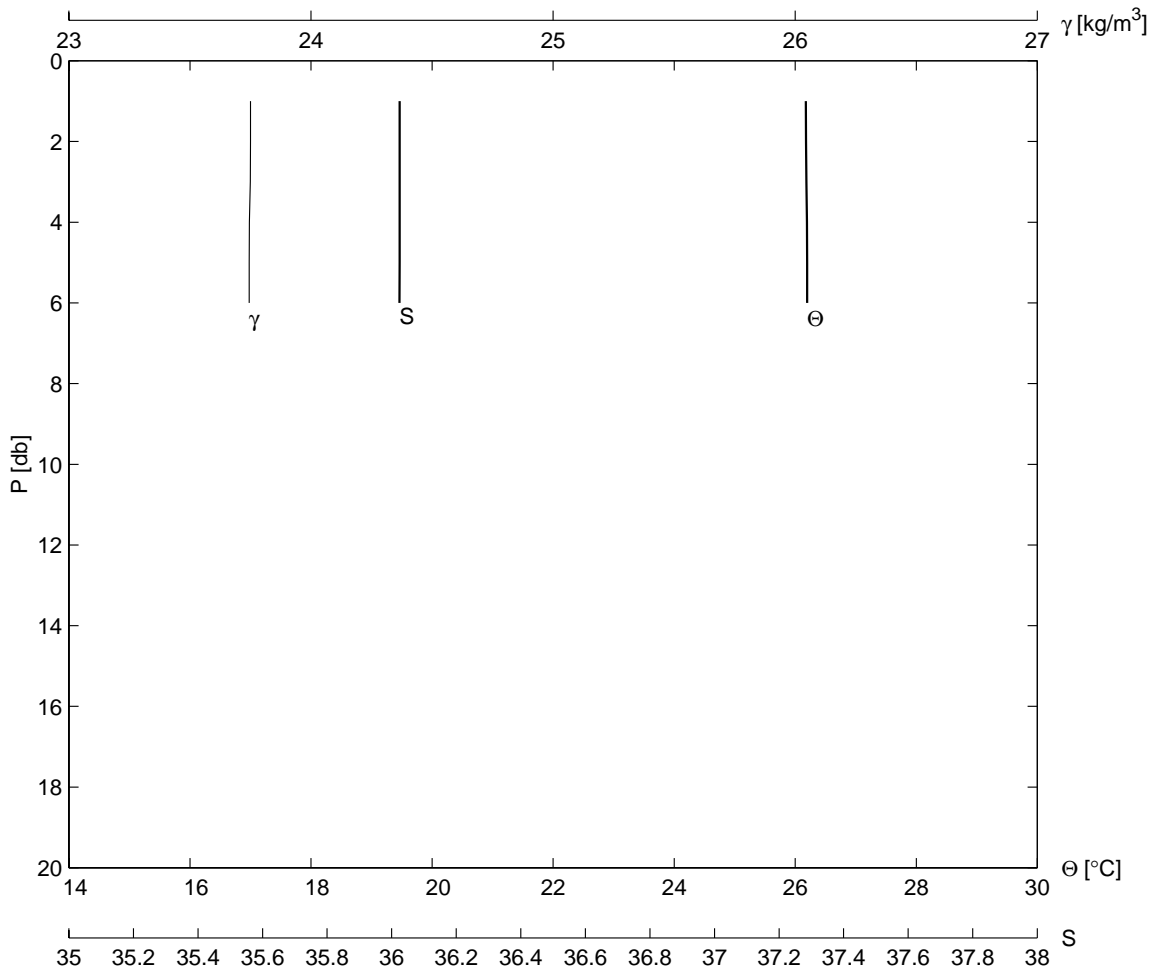
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E06	064	31 21.5	114 8.6	12	6	2002	1012		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
33.9	25.7	35.49	23.0	25.0	5.6	214	9	1009.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.270	35.493	23.631	99.900	9.0	25.235	35.530	23.670	99.900
3.0	25.271	35.493	23.631	99.900	10.0	25.230	35.538	23.677	99.900
4.0	25.270	35.492	23.630	99.900	15.0	25.112	35.520	23.700	99.900
5.0	25.247	35.491	23.637	99.900	20.0	24.991	35.512	23.732	99.900
6.0	25.240	35.500	23.646	99.900	25.0	24.939	35.510	23.745	99.900
7.0	25.237	35.515	23.658	99.900	30.0	24.586	35.468	23.821	99.900
8.0	25.237	35.522	23.663	99.900	31.0	24.414	35.507	23.902	99.900



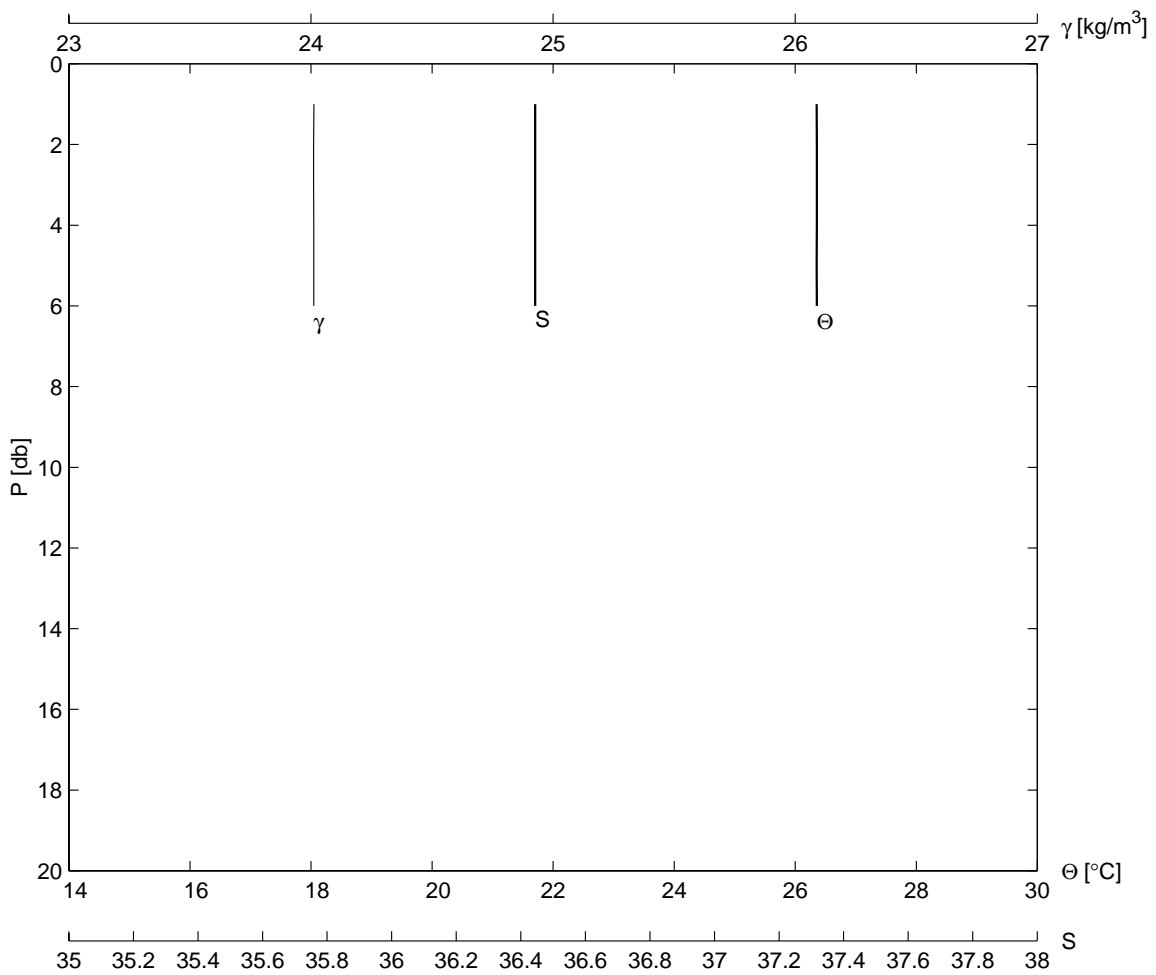
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E07	065	31 24.1	114 3.8	12	6	2002	1110		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
25.9	26.0	35.54	21.0	23.5	7.4	228	9	1009.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.473	35.541	23.606	99.900	8.0	25.485	35.538	23.599	99.900
3.0	25.474	35.540	23.605	99.900	9.0	25.482	35.538	23.600	99.900
4.0	25.483	35.539	23.601	99.900	10.0	25.479	35.539	23.601	99.900
5.0	25.484	35.542	23.602	99.900	15.0	25.496	35.539	23.597	99.900
6.0	25.497	35.541	23.597	99.900	20.0	25.587	35.584	23.603	99.900
7.0	25.495	35.538	23.596	99.900	25.0	25.594	35.602	23.613	99.900
26.0	25.593	35.601	23.614	99.900					



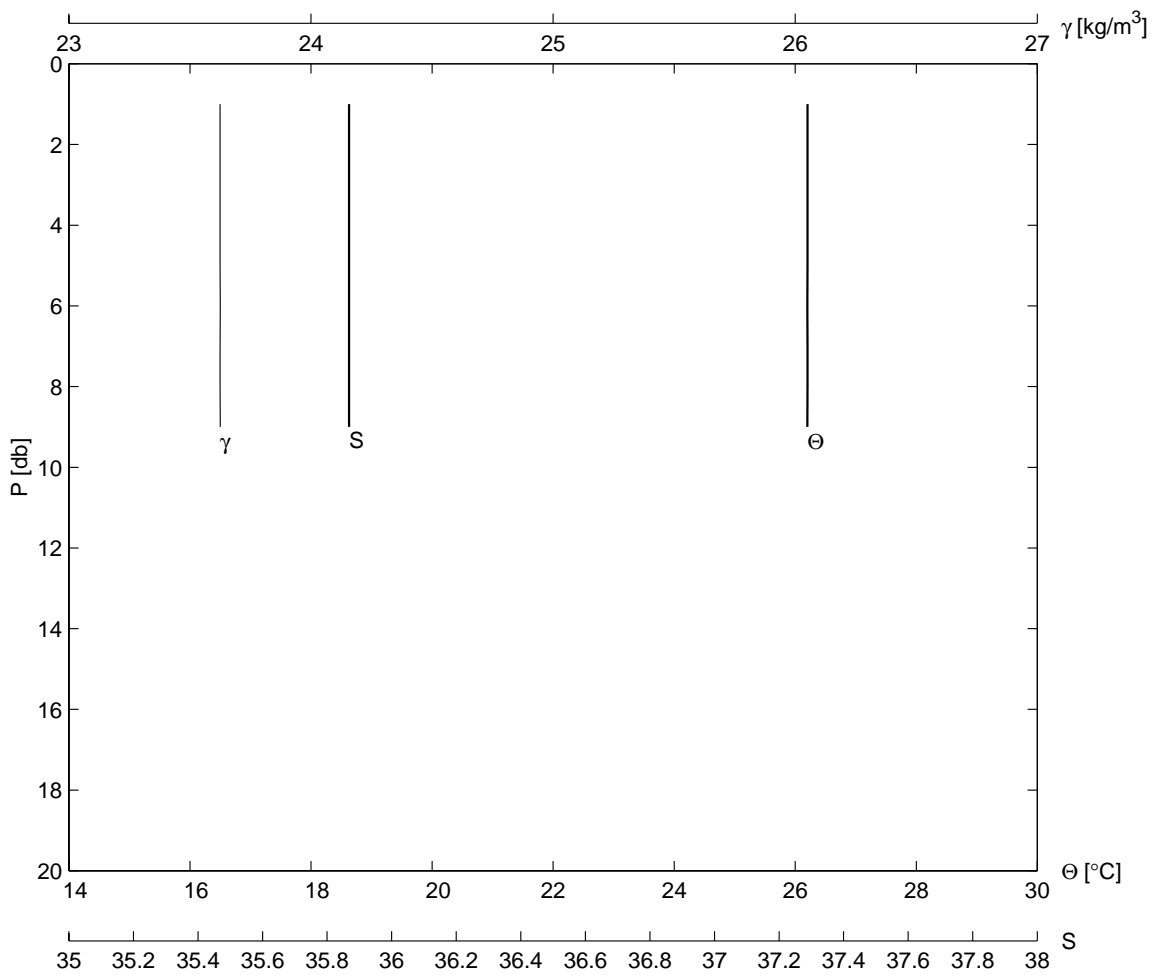
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
E08	066	31	26.6	113	58.9	12	6	2002	1222
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
9.5	26.6	35.88	22.0	23.5	7.4	185	9	1010.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.179	36.025	23.750	99.900	5.0	26.196	36.024	23.745	99.900
3.0	26.185	36.026	23.750	99.900	6.0	26.197	36.025	23.745	99.900
4.0	26.193	36.024	23.746	99.900	6.0	26.197	36.025	23.745	99.900



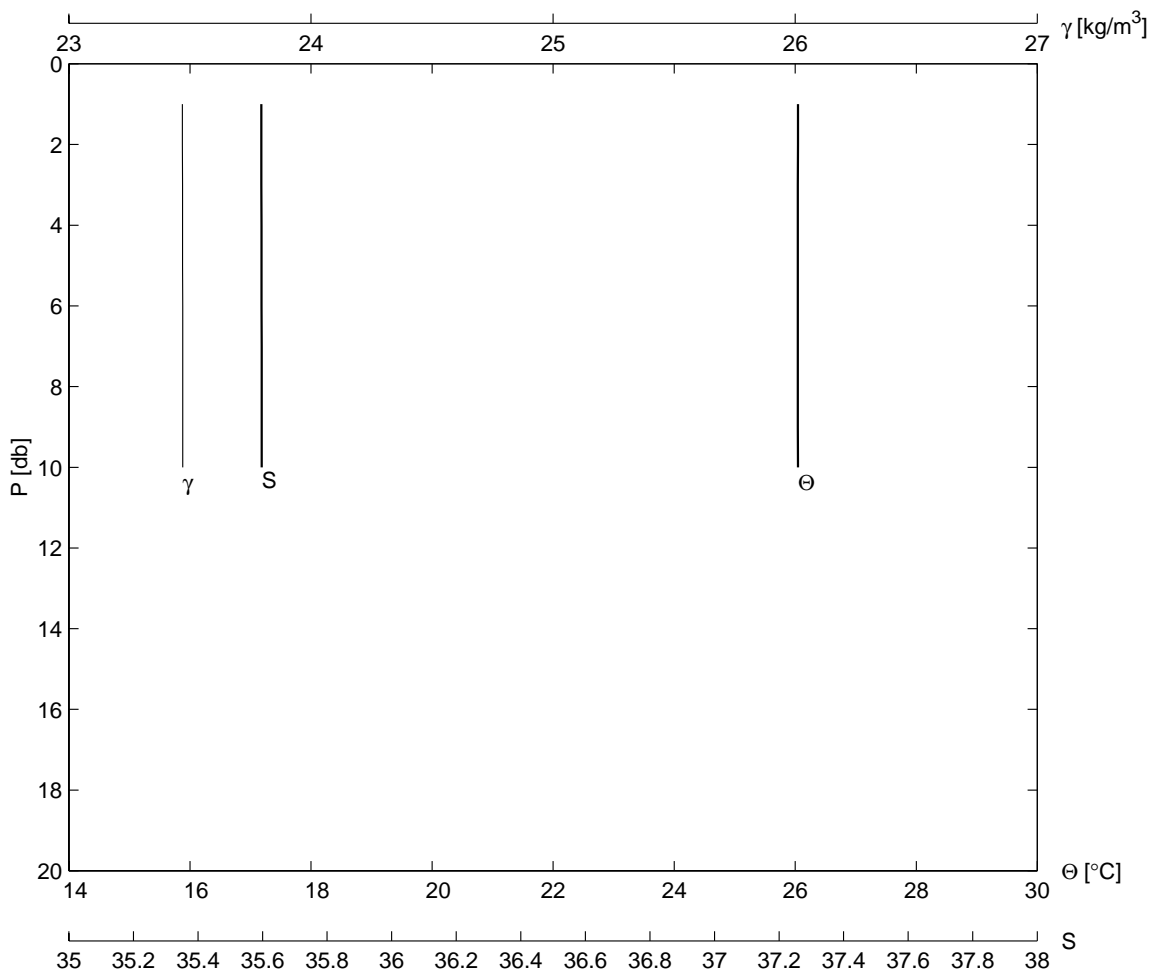
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E09	067	31 29.5	113 53.5	12	6	2002	1439		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
7.5	26.8	36.45	21.0	23.5	7.3	188	9	1011.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.357	36.444	24.011	99.900	5.0	26.356	36.444	24.011	99.900
3.0	26.357	36.444	24.011	99.900	6.0	26.357	36.445	24.012	99.900
4.0	26.356	36.444	24.011	99.900	6.0	26.357	36.445	24.012	99.900



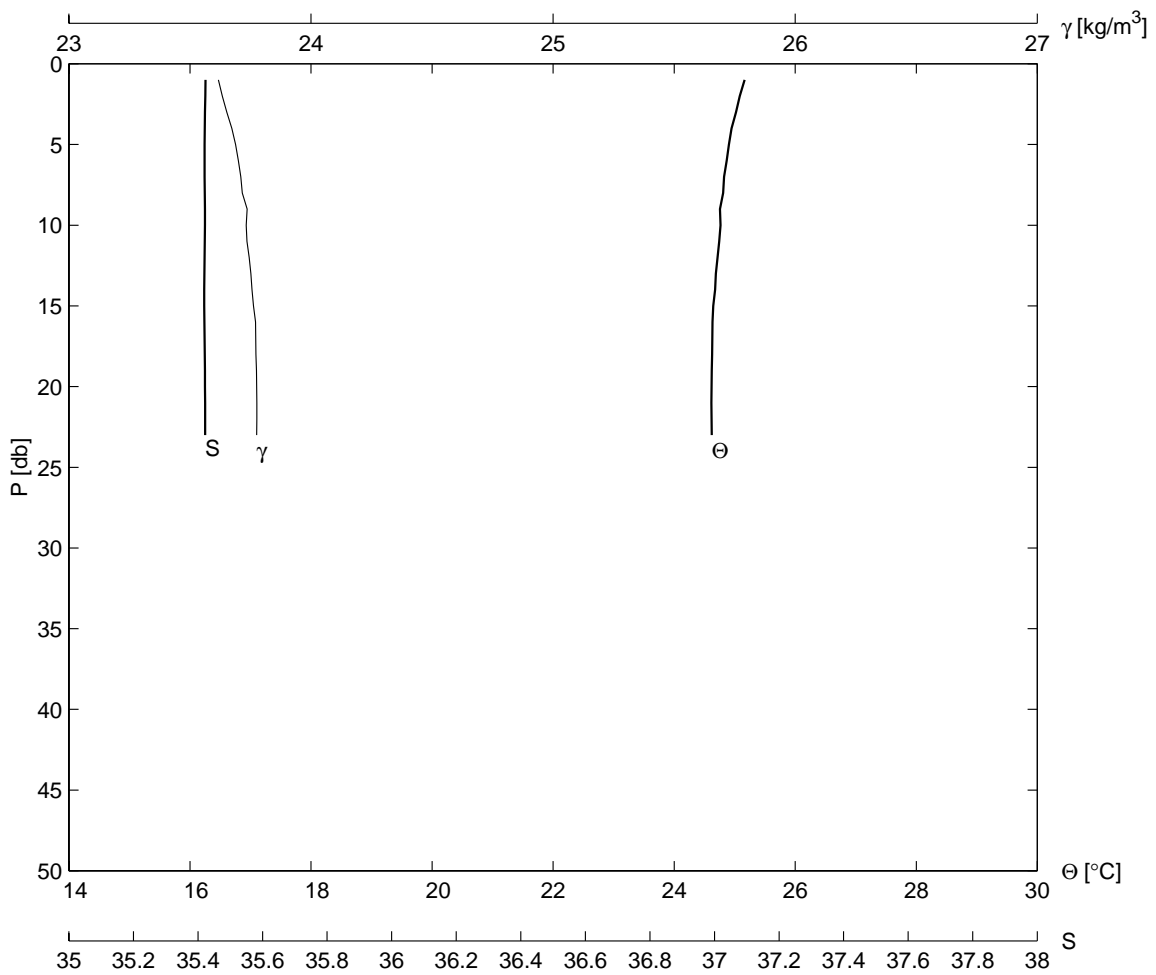
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
F09	068	31 25.1	113 50.3	12	6	2002	1534		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
10.5	26.6	35.87	21.0	25.5	5.1	36	9	1011.5	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.205	35.868	23.624	99.900	6.0	26.202	35.868	23.625	99.900
3.0	26.204	35.868	23.624	99.900	7.0	26.203	35.868	23.625	99.900
4.0	26.203	35.867	23.624	99.900	8.0	26.203	35.868	23.625	99.900
5.0	26.202	35.868	23.625	99.900	9.0	26.202	35.868	23.625	99.900
9.0	26.202	35.868	23.625	99.900					



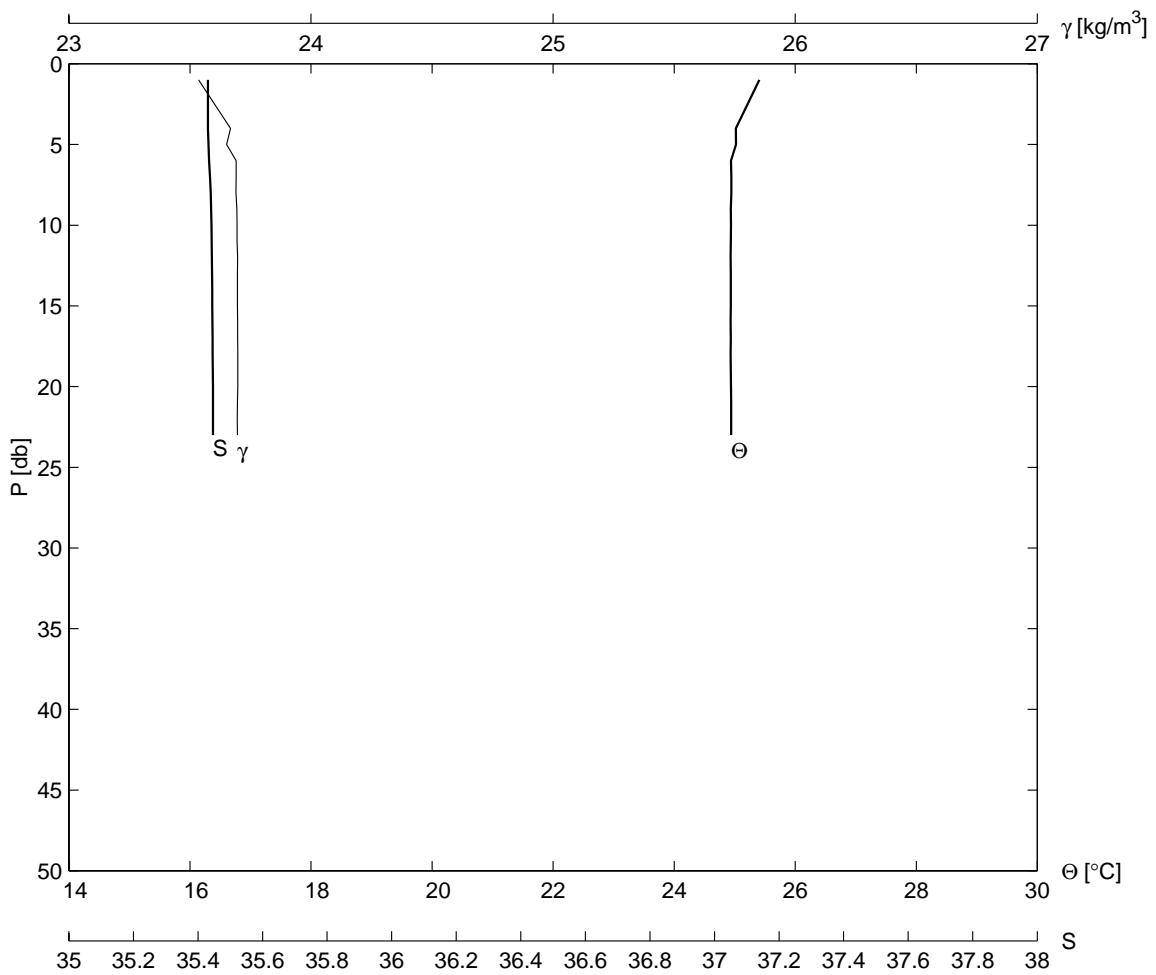
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
G09	069	31 21.1	113 46.9	12	6	2002	1653		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
10.3	26.5	35.60	22.0	26.0	5.0	81	9	1012.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.047	35.596	23.468	99.900	7.0	26.044	35.597	23.470	99.900
3.0	26.045	35.596	23.470	99.900	8.0	26.044	35.597	23.470	99.900
4.0	26.045	35.597	23.470	99.900	9.0	26.044	35.598	23.471	99.900
5.0	26.044	35.596	23.470	99.900	10.0	26.045	35.597	23.470	99.900
6.0	26.043	35.597	23.471	99.900	10.0	26.045	35.597	23.470	99.900



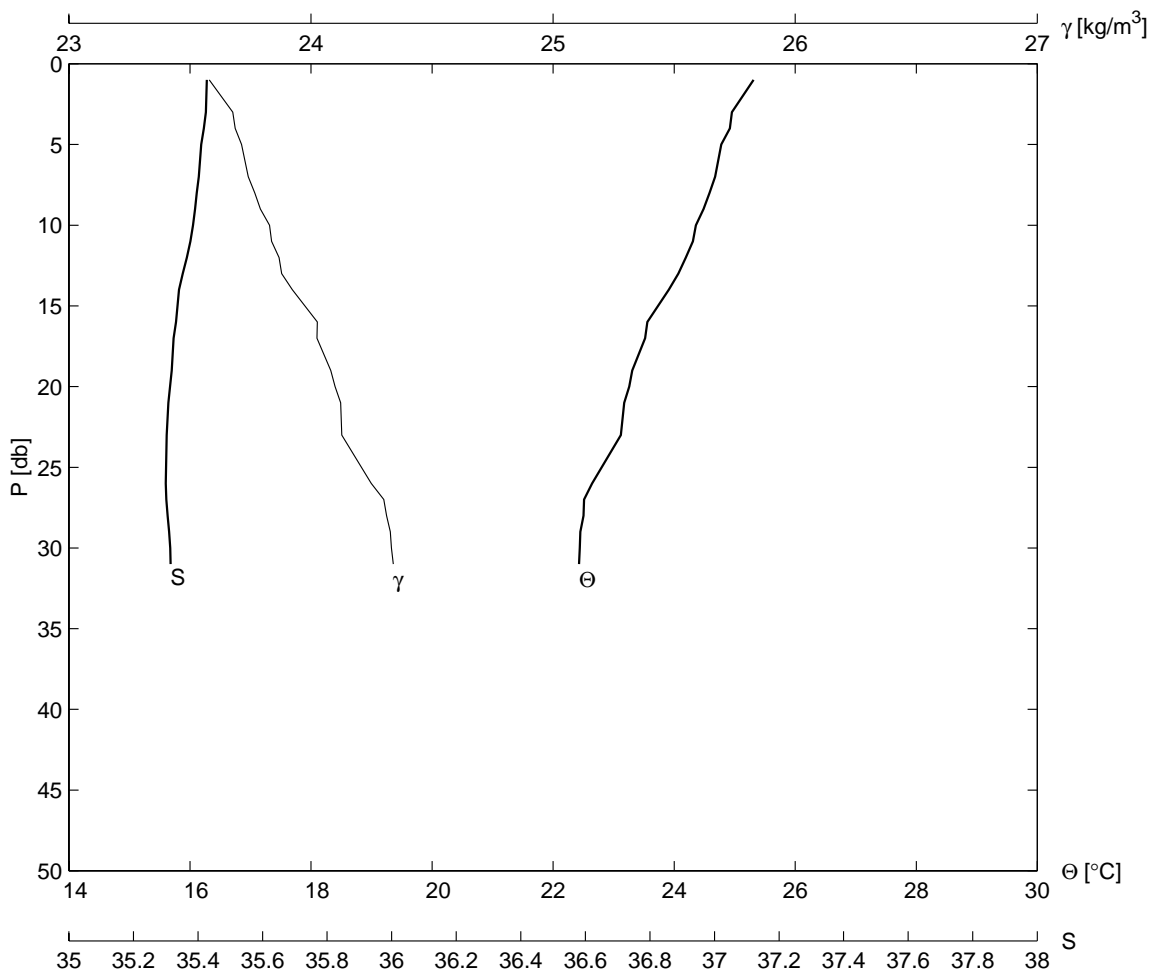
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
H09	070	31 17.0	113 43.4	12	6	2002	1825		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
25.4	25.6	35.43	21.0	25.0	2.4	339	9	1011.5	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.085	35.421	23.633	99.900	8.0	24.808	35.419	23.716	99.900
3.0	25.021	35.420	23.653	99.900	9.0	24.757	35.426	23.737	99.900
4.0	24.950	35.419	23.673	99.900	10.0	24.765	35.423	23.732	99.900
5.0	24.905	35.421	23.689	99.900	15.0	24.647	35.416	23.762	99.900
6.0	24.869	35.422	23.700	99.900	20.0	24.618	35.422	23.776	99.900
7.0	24.826	35.418	23.710	99.900	23.0	24.621	35.422	23.775	99.900



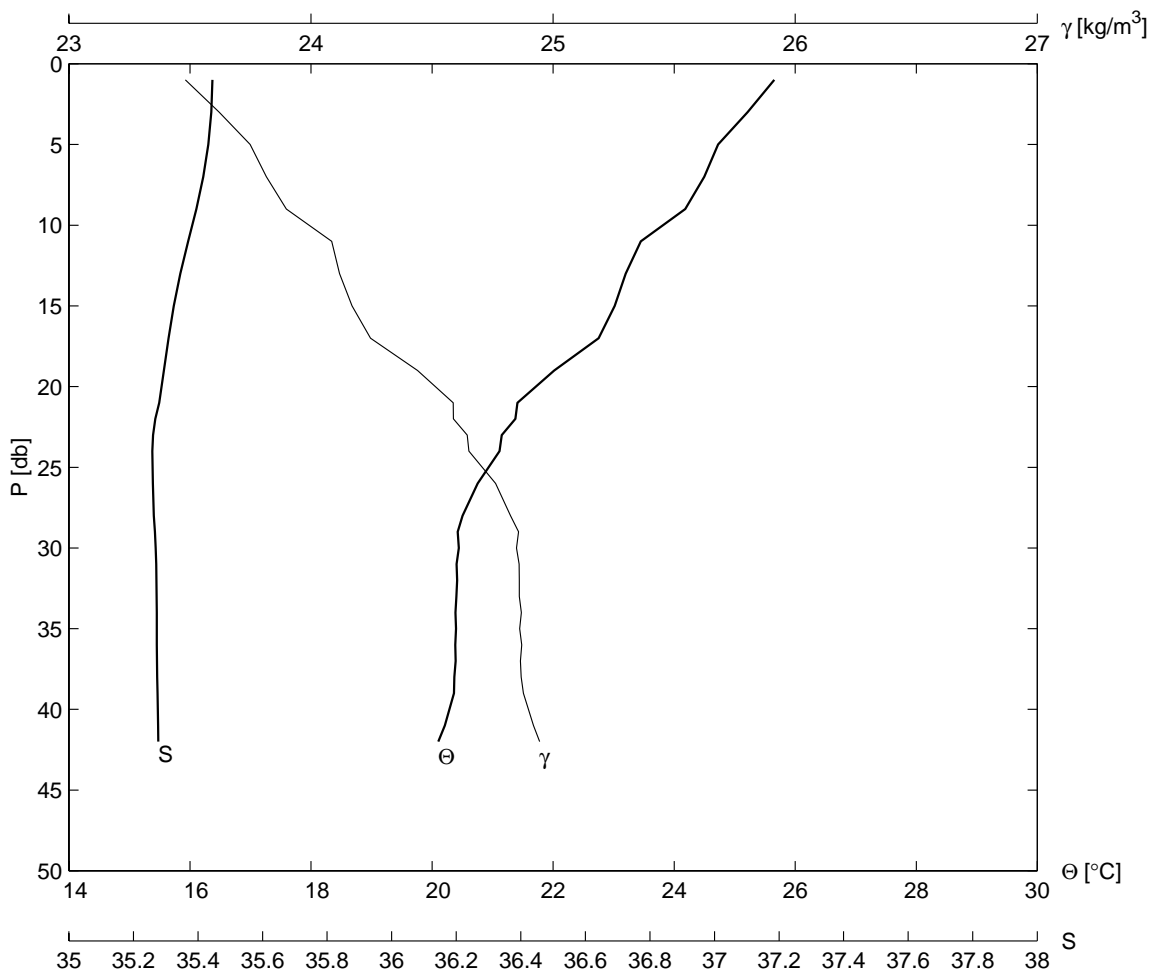
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
J11	071	31 16.0	113 35.9	12	6	2002	2054		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
25.5	26.1	35.42	22.0	27.0	2.8	288	9	1011.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
4.0	25.019	35.440	23.668	99.900	9.0	24.937	35.441	23.694	99.900
5.0	25.023	35.419	23.651	99.900	10.0	24.938	35.442	23.695	99.900
6.0	24.938	35.438	23.691	99.900	15.0	24.938	35.444	23.696	99.900
7.0	24.945	35.440	23.691	99.900	20.0	24.940	35.447	23.697	99.900
8.0	24.944	35.439	23.690	99.900	23.0	24.942	35.447	23.696	99.900



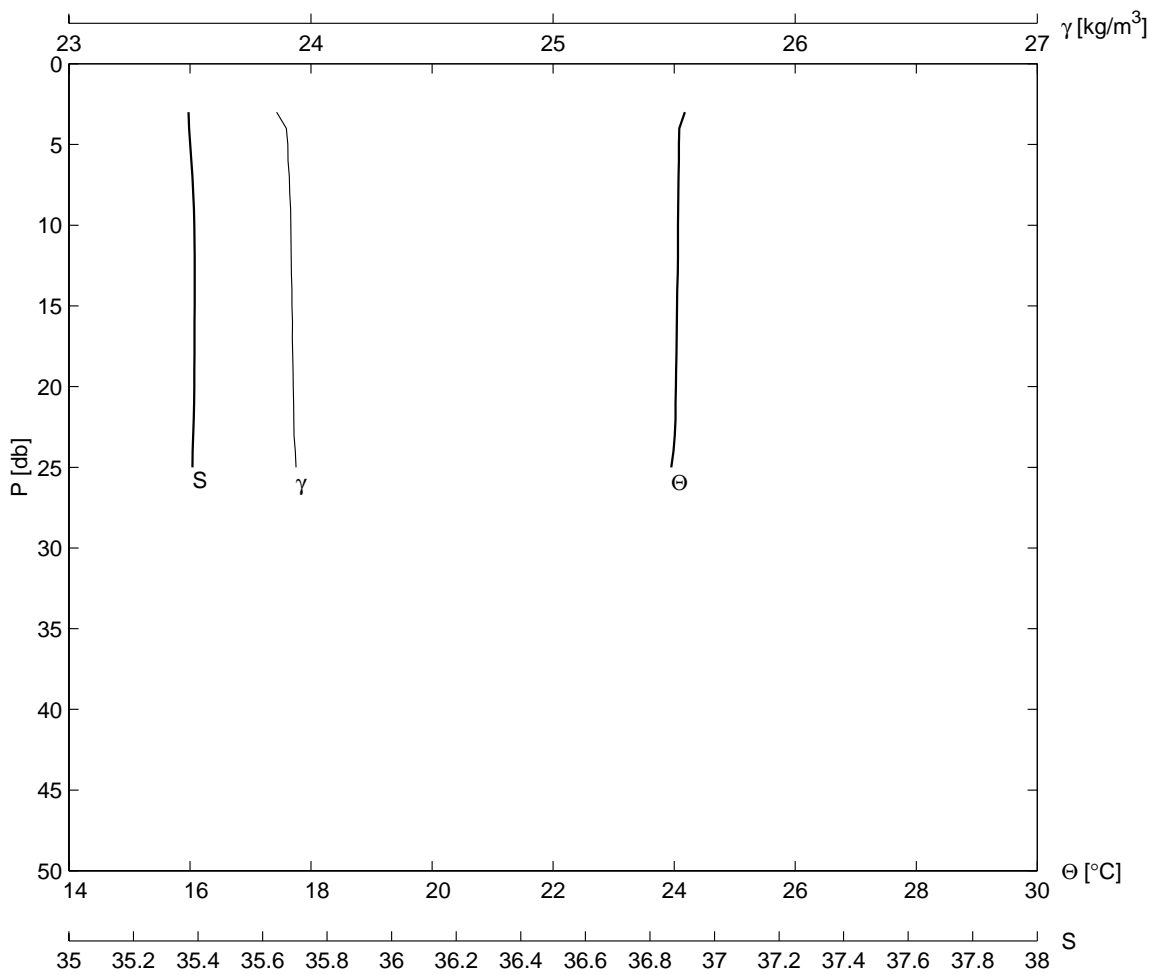
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
J10	072	31 13.4	113 40.7	12	6	2002	2248		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
35.5	25.1	35.44	99.9	99.9	2.6	293	9	1010.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
3.0	24.954	35.426	23.677	99.900	9.0	24.484	35.389	23.791	99.900
4.0	24.919	35.425	23.687	99.900	10.0	24.360	35.389	23.828	99.900
5.0	24.780	35.404	23.713	99.900	20.0	23.257	35.317	24.100	99.900
7.0	24.676	35.398	23.741	99.900	30.0	22.441	35.315	24.333	99.900
8.0	24.584	35.397	23.768	99.900	31.0	22.430	35.321	24.340	99.900



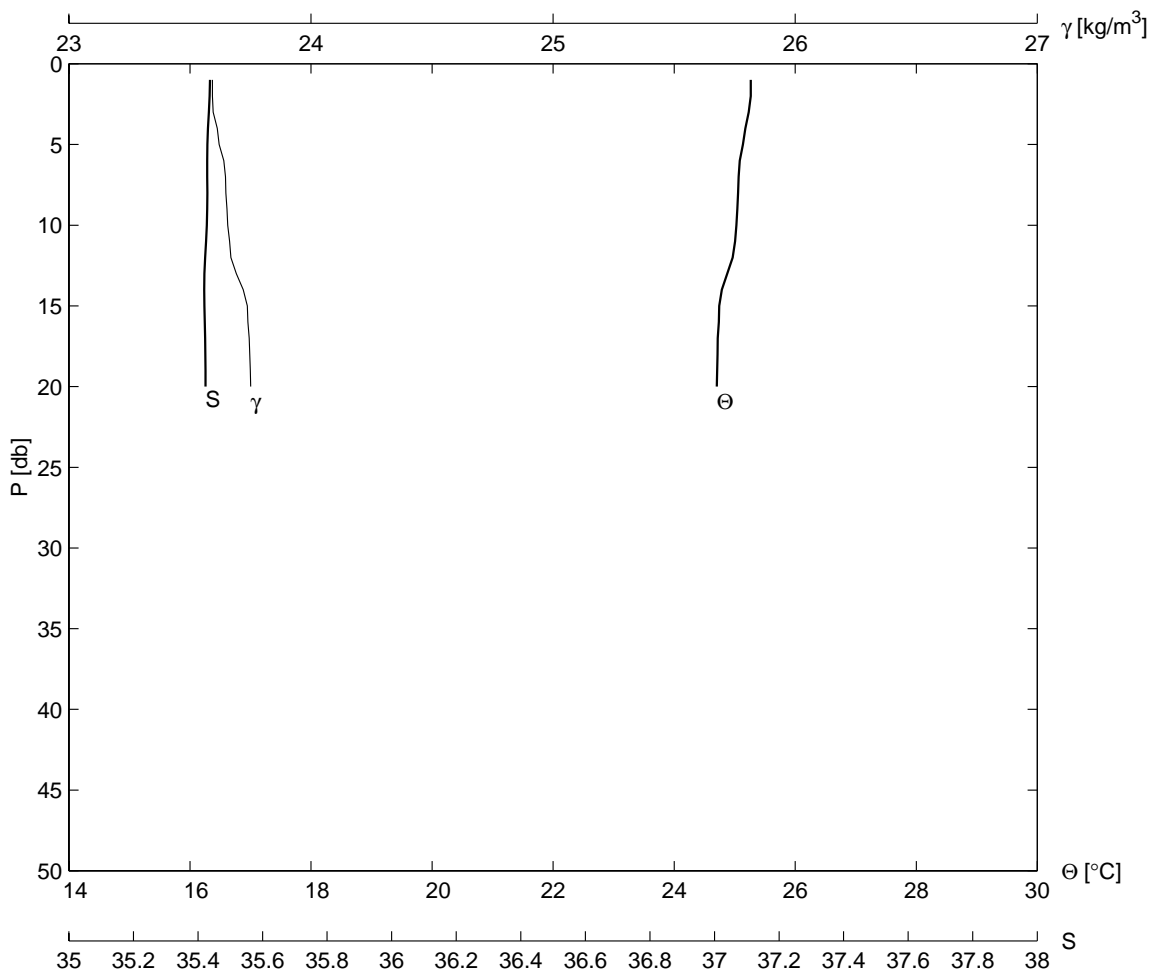
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
J09	073	31 10.3	113 46.1	13	6	2002	0012		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
46.3	26.2	35.45	23.0	28.0	1.6	222	9	1010.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
3.0	25.213	35.456	23.621	99.900	9.0	24.183	35.411	23.898	99.900
5.0	24.725	35.429	23.749	99.900	15.0	23.019	35.318	24.169	99.900
7.0	24.498	35.426	23.815	99.900	30.0	20.444	35.269	24.849	99.900
42.0	20.102	35.275	24.945	99.900					



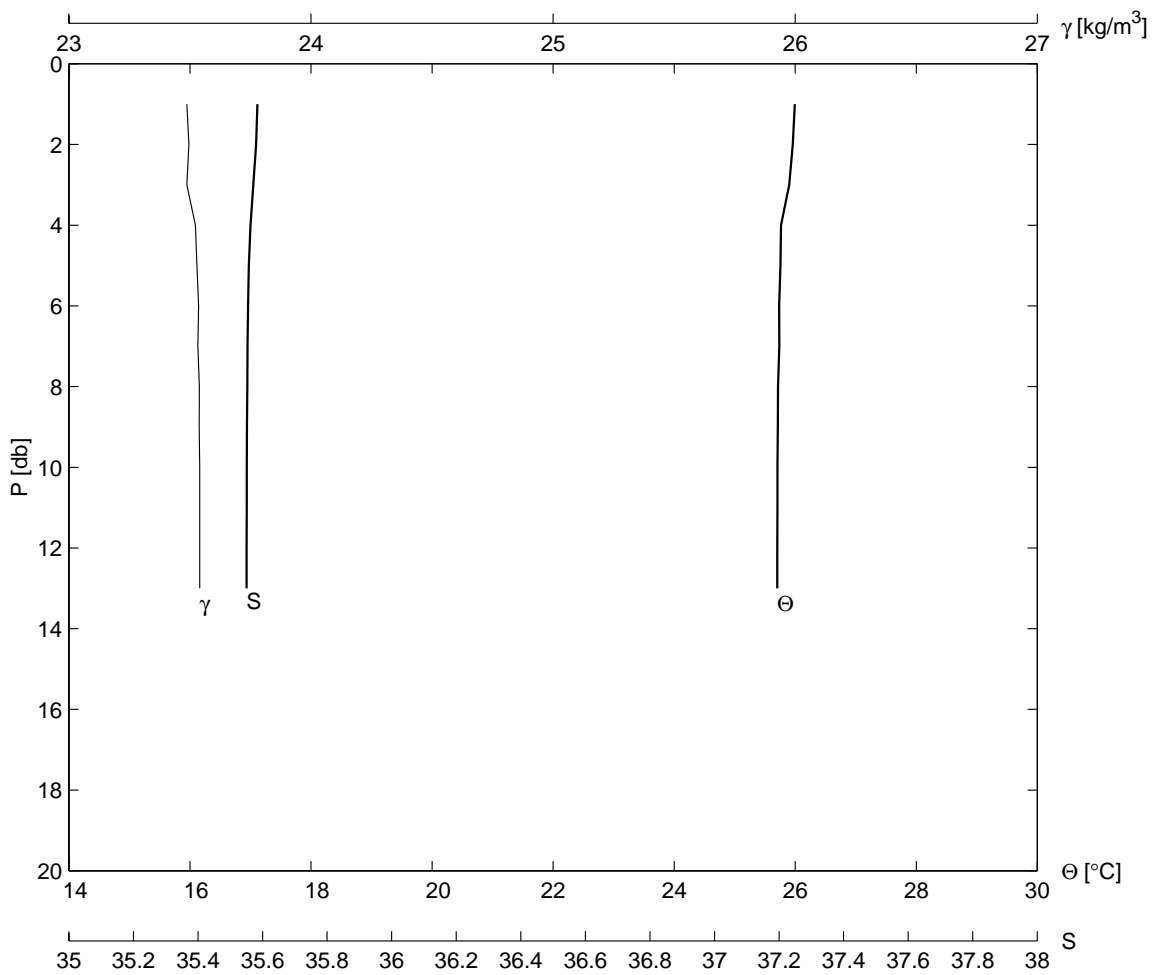
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
H08	074	31 13.8	113 48.8	13	6	2002	0111		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
32.0	26.0	35.45	24.0	26.0	2.3	282	9	1010.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
3.0	24.177	35.355	23.858	99.900	9.0	24.066	35.388	23.916	99.900
4.0	24.085	35.373	23.898	99.900	10.0	24.064	35.389	23.917	99.900
5.0	24.080	35.379	23.905	99.900	15.0	24.049	35.389	23.922	99.900
6.0	24.080	35.380	23.905	99.900	20.0	24.029	35.389	23.927	99.900
7.0	24.072	35.384	23.910	99.900	25.0	23.952	35.374	23.939	99.900
8.0	24.071	35.386	23.912	99.900	25.0	23.952	35.374	23.939	99.900



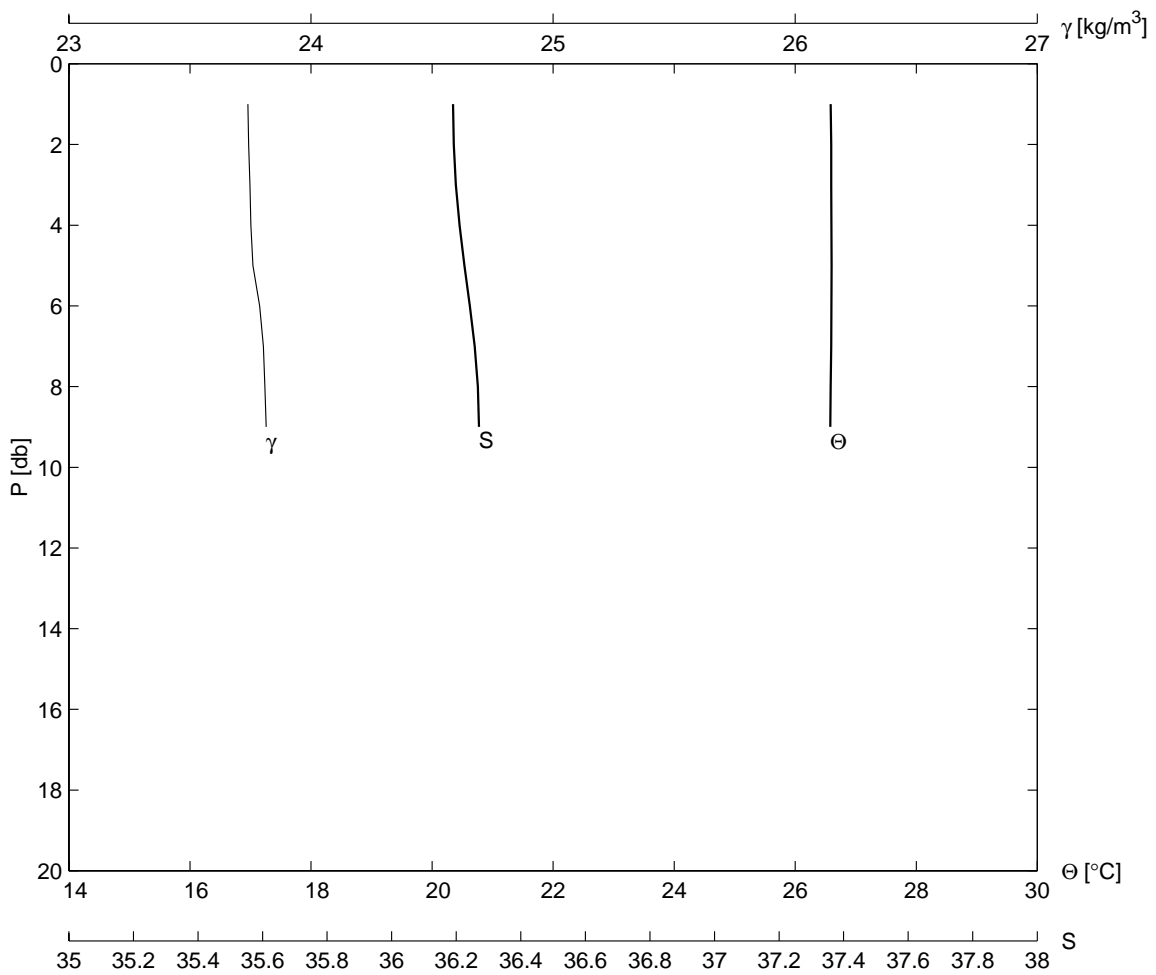
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
G08	075	31 18.2	113 52.2	13	6	2002	0216		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
21.6	25.8	35.44	24.0	25.0	1.0	302	9	1010.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.265	35.441	23.593	99.900	8.0	25.057	35.429	23.649	99.900
3.0	25.231	35.431	23.596	99.900	9.0	25.044	35.430	23.653	99.900
4.0	25.177	35.431	23.613	99.900	10.0	25.028	35.428	23.656	99.900
5.0	25.136	35.425	23.621	99.900	15.0	24.746	35.422	23.737	99.900
6.0	25.083	35.428	23.640	99.900	20.0	24.705	35.423	23.751	99.900
7.0	25.064	35.430	23.647	99.900	20.0	24.705	35.423	23.751	99.900



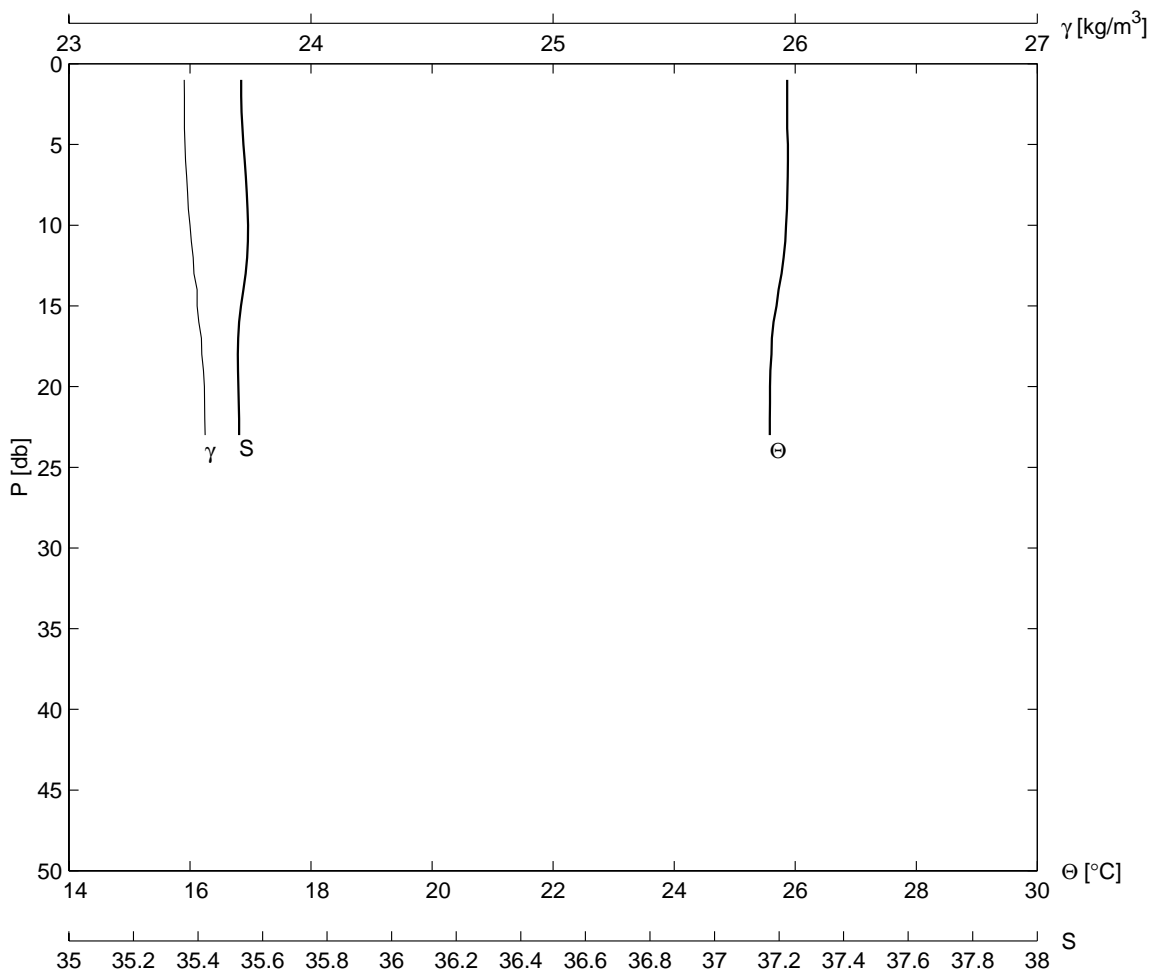
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
F08	076	31 22.6	113 55.7	13	6	2002	0337		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
17.0	26.4	35.60	23.5	25.0	2.0	147	9	1010.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.960	35.597	23.496	99.900	7.0	25.736	35.553	23.532	99.900
3.0	25.903	35.561	23.487	99.900	8.0	25.716	35.553	23.539	99.900
4.0	25.767	35.552	23.522	99.900	9.0	25.714	35.551	23.538	99.900
5.0	25.756	35.556	23.529	99.900	10.0	25.708	35.551	23.540	99.900
6.0	25.734	35.556	23.536	99.900	13.0	25.703	35.550	23.541	99.900



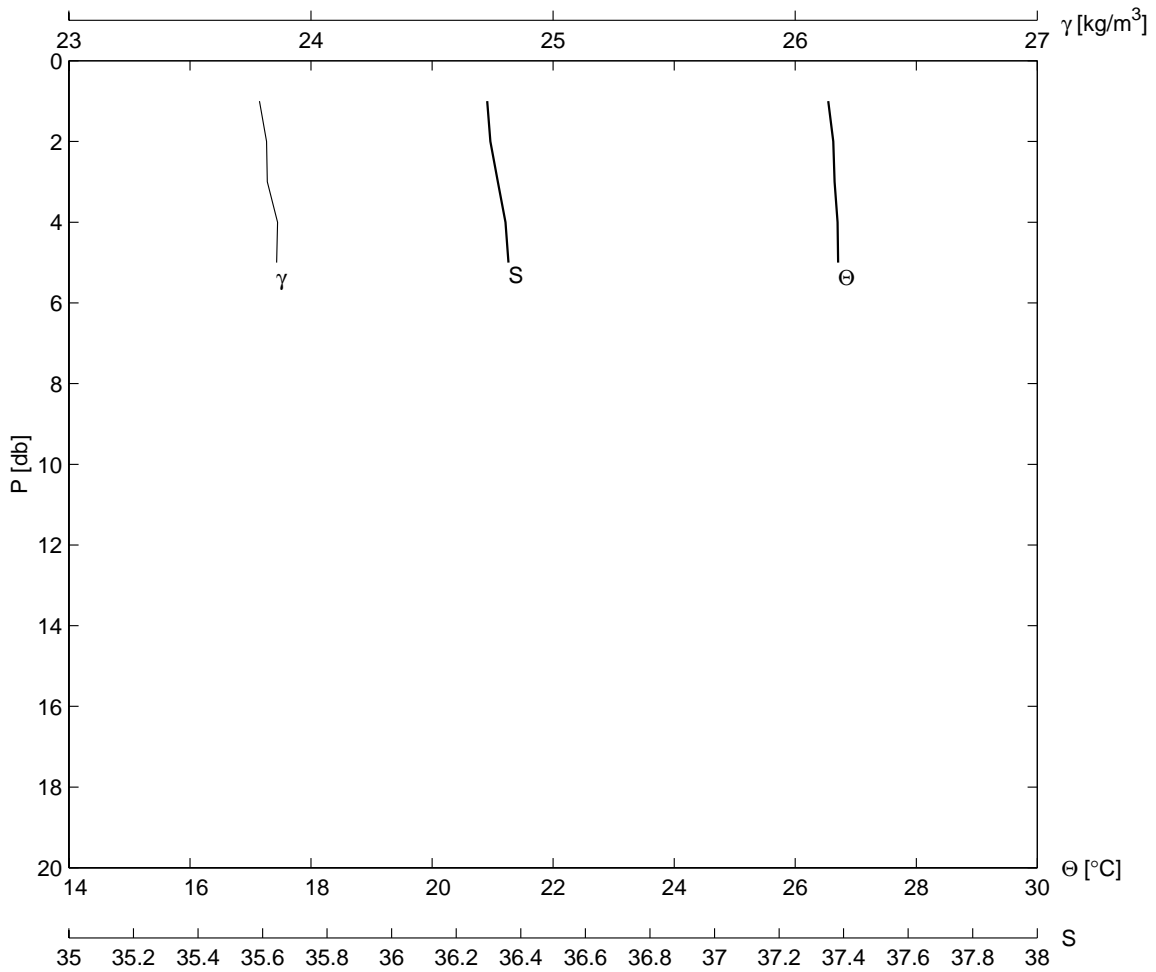
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E08	077	31 26.6	113 58.8	13	6	2002	0445		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
10.2	27.0	36.18	22.0	25.0	5.0	81	9	1010.5	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.595	36.188	23.742	99.900	6.0	26.600	36.250	23.788	99.900
3.0	26.597	36.196	23.747	99.900	7.0	26.594	36.269	23.803	99.900
4.0	26.598	36.202	23.752	99.900	8.0	26.586	36.274	23.810	99.900
5.0	26.602	36.215	23.760	99.900	9.0	26.580	36.278	23.815	99.900
9.0	26.580	36.278	23.815	99.900					



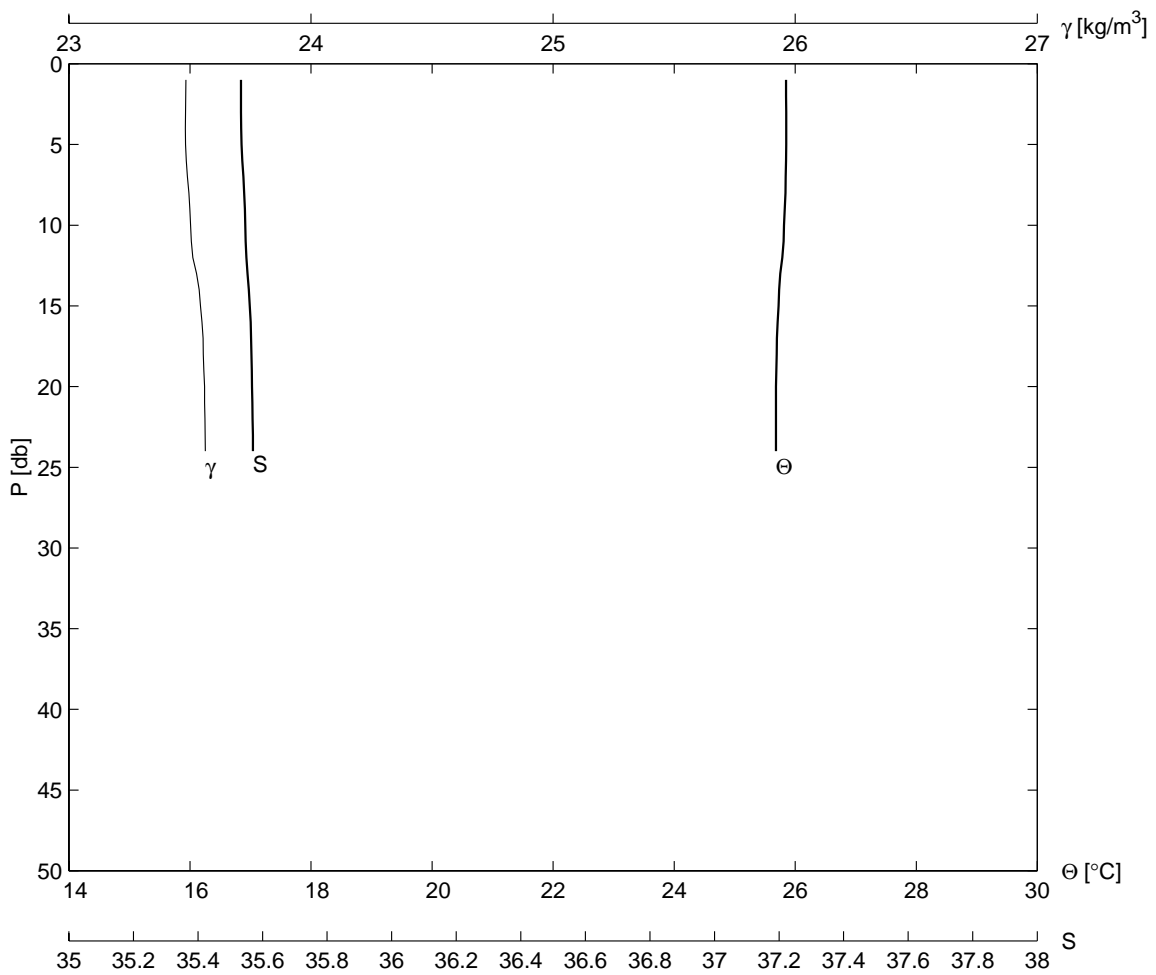
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
D08	078	31 23.1	114 3.2	13	6	2002	0548		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
28.1	26.4	35.53	22.5	25.0	3.1	39	9	1010.5	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.868	35.533	23.477	99.900	8.0	25.870	35.552	23.490	99.900
3.0	25.868	35.534	23.477	99.900	9.0	25.863	35.553	23.493	99.900
4.0	25.869	35.535	23.478	99.900	10.0	25.849	35.557	23.501	99.900
5.0	25.879	35.541	23.480	99.900	15.0	25.693	35.531	23.529	99.900
6.0	25.881	35.545	23.482	99.900	20.0	25.583	35.526	23.560	99.900
7.0	25.876	35.549	23.486	99.900	23.0	25.581	35.529	23.563	99.900



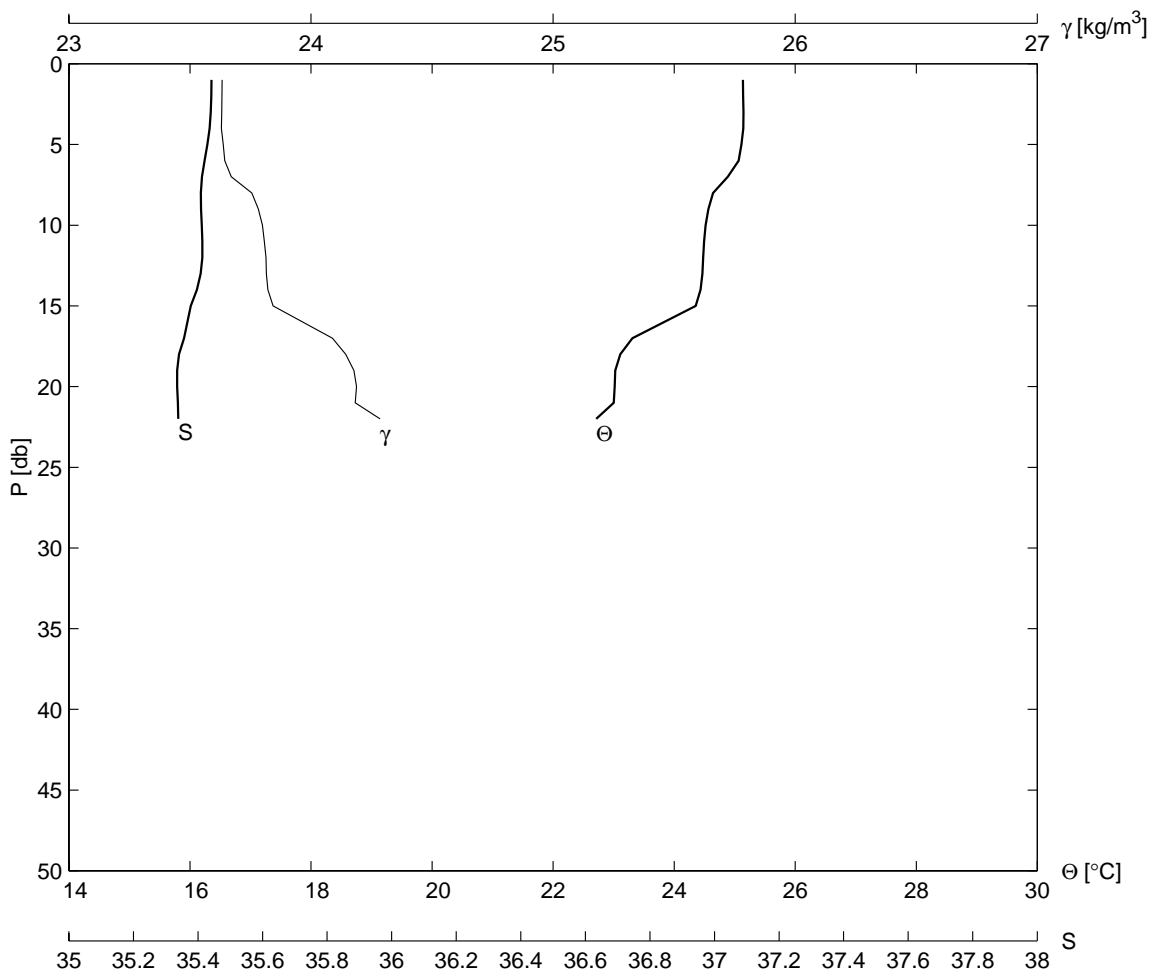
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
D07	079	31 28.4	114 7.0	13	6	2002	0655		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
7.5	26.7	36.23	22.0	25.0	2.2	295	9	1010.5	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.630	36.301	23.816	99.900	4.0	26.701	36.392	23.862	99.900
3.0	26.651	36.314	23.819	99.900	5.0	26.710	36.391	23.858	99.900
5.0	26.710	36.391	23.858	99.900					



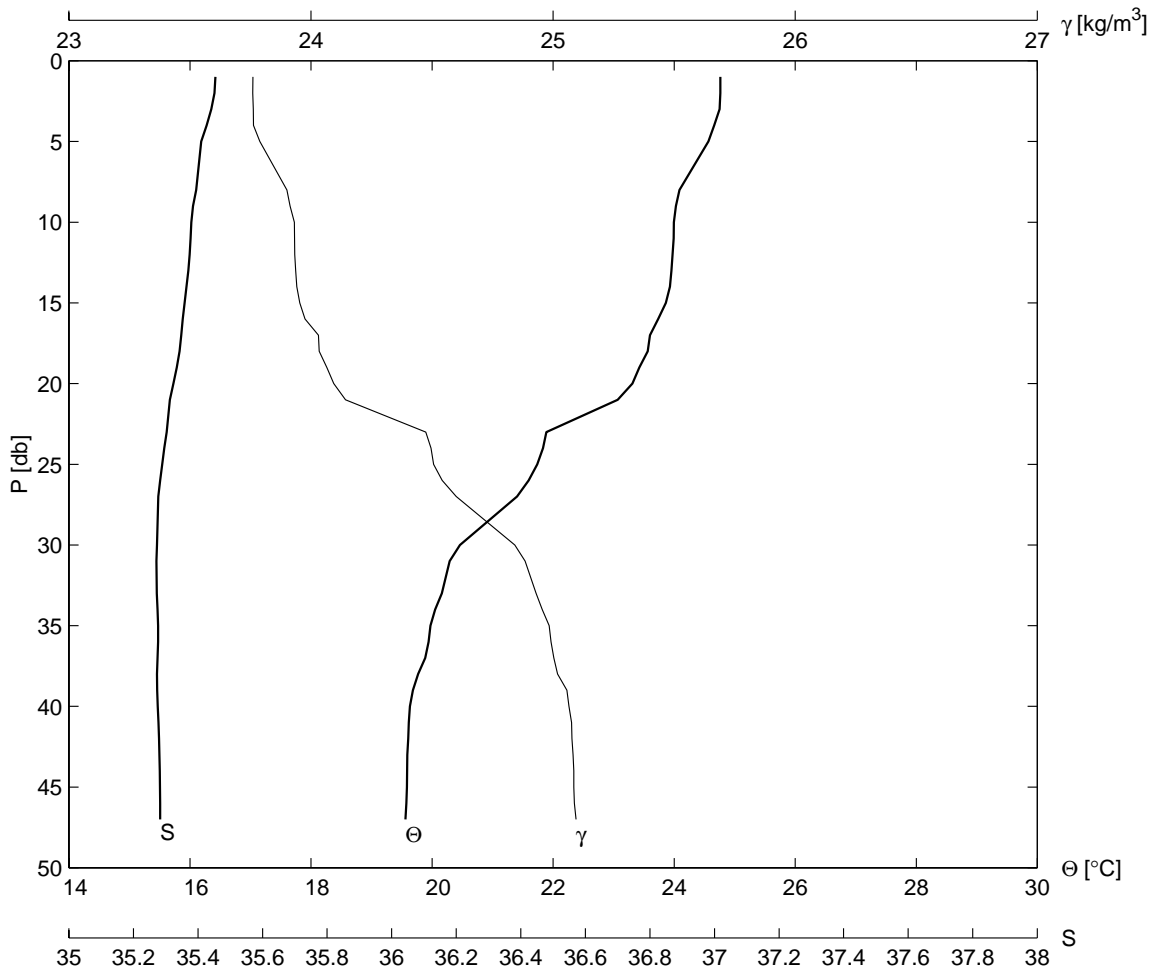
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E07	080	31 24.2	114 3.8	13	6	2002	0812		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
26.9	26.3	35.53	25.0	26.0	2.9	73	9	1010.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.849	35.533	23.483	99.900	8.0	25.838	35.546	23.496	99.900
3.0	25.851	35.533	23.482	99.900	9.0	25.827	35.547	23.500	99.900
4.0	25.852	35.532	23.481	99.900	10.0	25.816	35.546	23.503	99.900
5.0	25.852	35.533	23.482	99.900	15.0	25.724	35.562	23.543	99.900
6.0	25.850	35.536	23.485	99.900	20.0	25.684	35.568	23.560	99.900
7.0	25.844	35.541	23.490	99.900	24.0	25.681	35.571	23.564	99.900



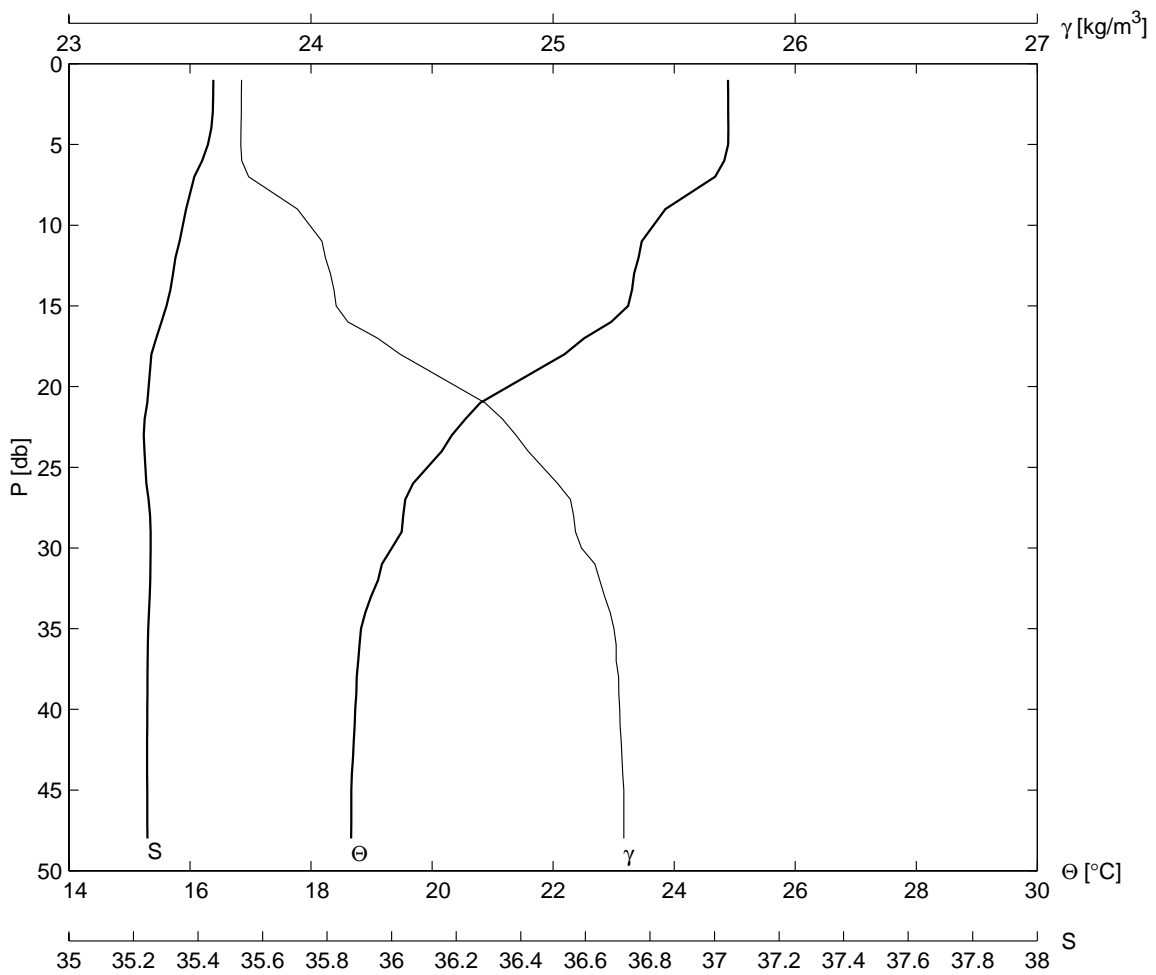
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
F07	081	31 20.0	114 0.8	13	6	2002	0915		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
26.4	25.6	35.44	18.0	21.0	3.3	25	9	1010.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.141	35.442	23.632	99.900	8.0	24.644	35.405	23.755	99.900
3.0	25.144	35.442	23.631	99.900	9.0	24.565	35.410	23.782	99.900
4.0	25.142	35.439	23.630	99.900	10.0	24.521	35.414	23.799	99.900
5.0	25.113	35.438	23.637	99.900	15.0	24.355	35.407	23.844	99.900
6.0	25.065	35.426	23.644	99.900	20.0	23.017	35.342	24.188	99.900
7.0	24.887	35.390	23.671	99.900	22.0	22.712	35.355	24.285	99.900



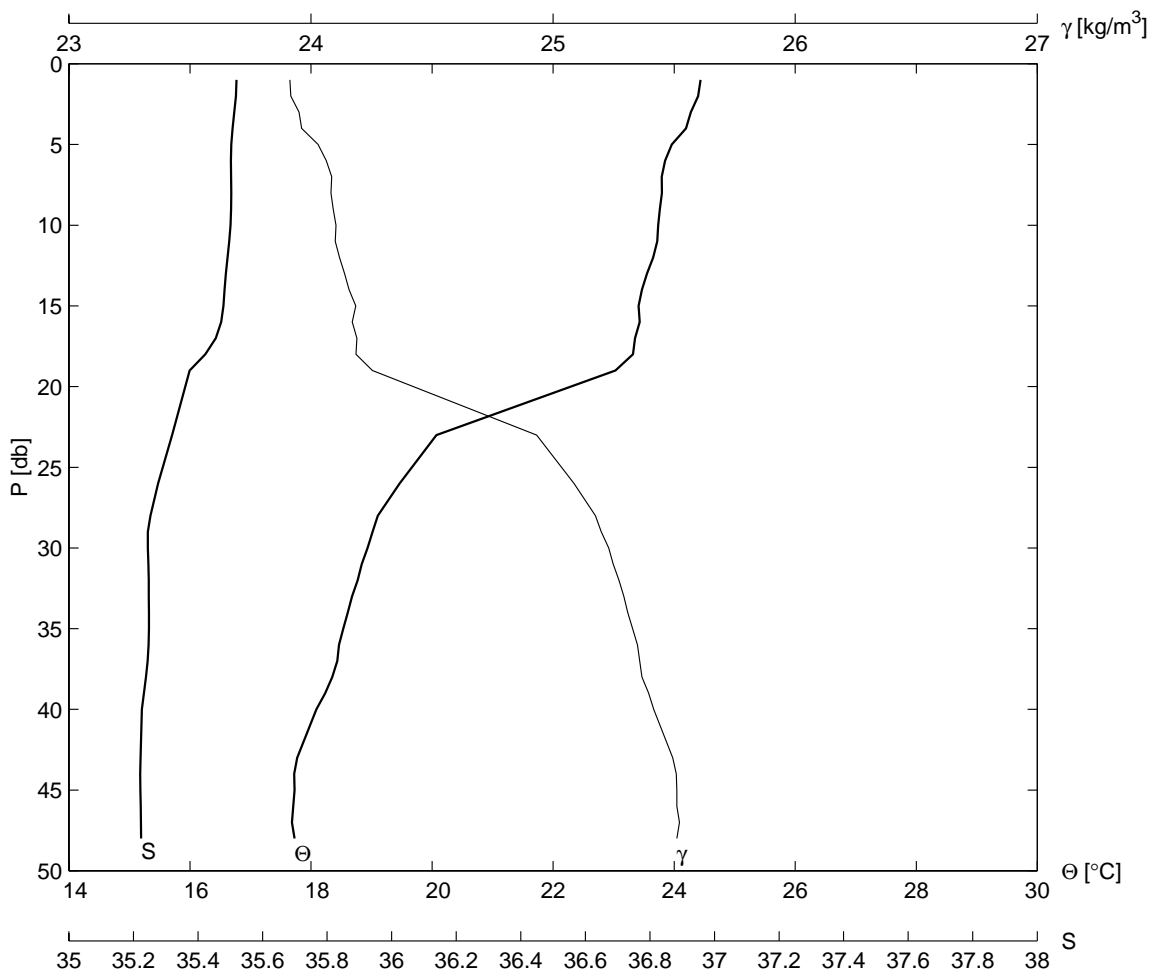
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
G07	082	31 15.8	113 57.4	13	6	2002	1020		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
51.2	25.2	35.46	22.5	25.0	3.7	147	9	1010.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	24.762	35.458	23.759	99.900	10.0	23.995	35.381	23.931	99.900
3.0	24.752	35.457	23.762	99.900	15.0	23.863	35.359	23.953	99.900
4.0	24.662	35.422	23.763	99.900	20.0	23.311	35.331	24.094	99.900
5.0	24.565	35.418	23.789	99.900	25.0	21.737	35.284	24.507	99.900
8.0	24.089	35.378	23.901	99.900	30.0	20.461	35.266	24.842	99.900
9.0	24.031	35.371	23.913	99.900	40.0	19.636	35.273	25.066	99.900
47.0	19.562	35.286	25.095	99.900					



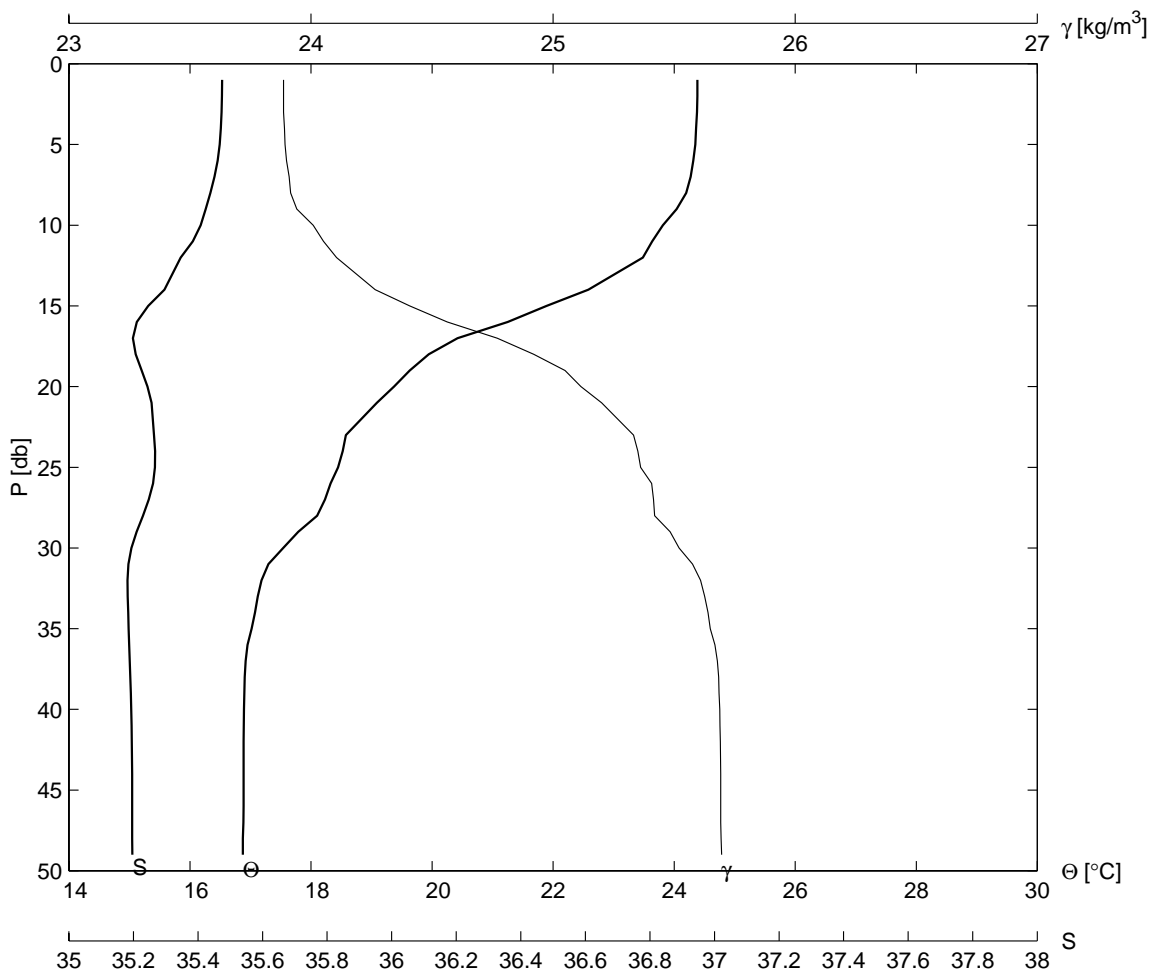
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
H07	083	31 11.2	113 54.2	13	6	2002	1127		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
54.3	25.4	35.45	22.0	24.0	4.5	243	9	1010.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	24.892	35.447	23.712	99.900	7.0	24.678	35.401	23.743	99.900
3.0	24.893	35.448	23.712	99.900	9.0	23.856	35.343	23.944	99.900
4.0	24.895	35.447	23.711	99.900	15.0	23.240	35.316	24.104	99.900
5.0	24.893	35.445	23.710	99.900	30.0	19.336	35.238	25.117	99.900
6.0	24.827	35.424	23.714	99.900	40.0	18.731	35.243	25.276	99.900
48.0	18.664	35.243	25.292	99.900					



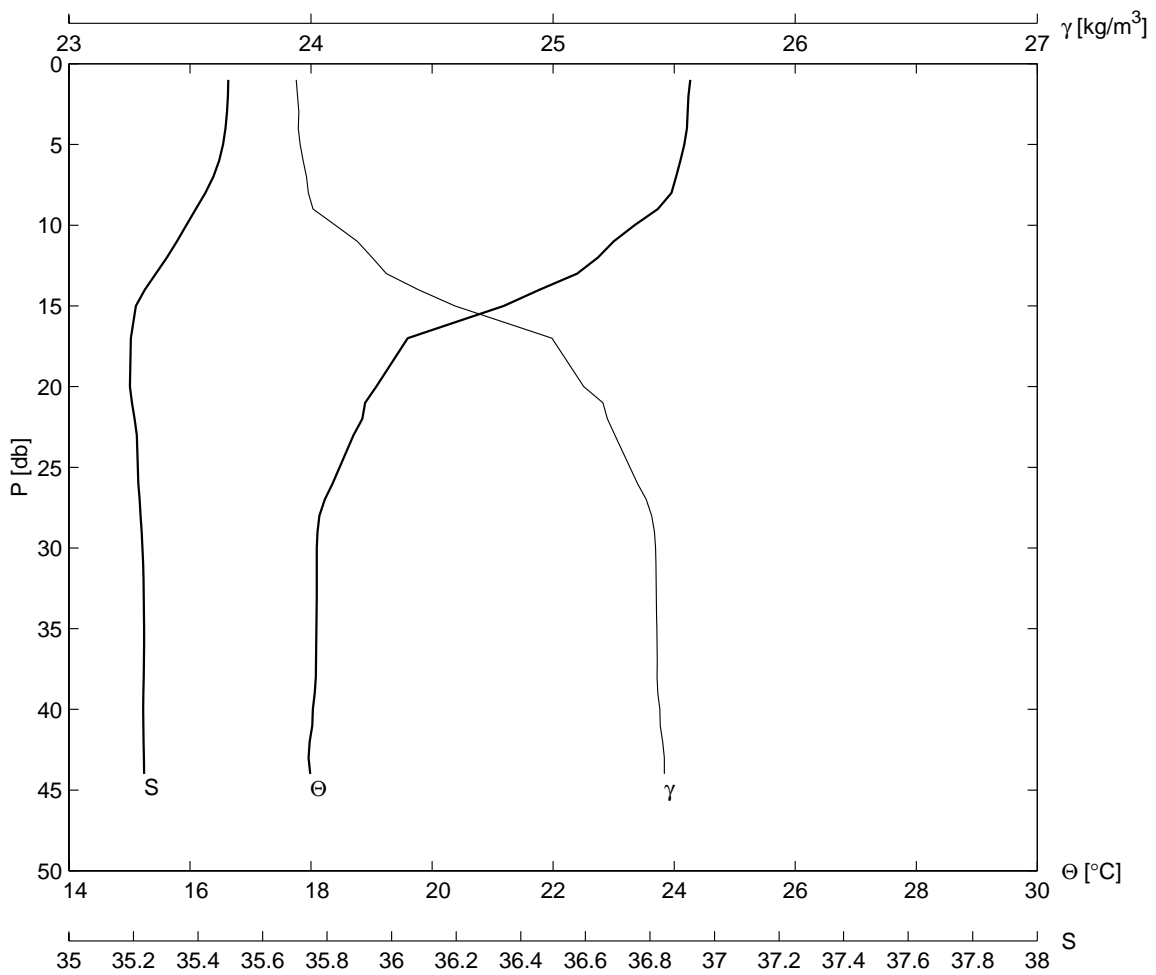
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
J08	084	31	7.4	113	51.3	13	6	2002	1234
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
53.1	24.9	35.53	22.5	24.0	4.3	313	9	1010.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	24.397	35.520	23.916	99.900	8.0	23.798	35.503	24.082	99.900
3.0	24.277	35.517	23.950	99.900	9.0	23.765	35.503	24.092	99.900
4.0	24.197	35.500	23.961	99.900	10.0	23.735	35.507	24.103	99.900
5.0	23.960	35.497	24.030	99.900	15.0	23.413	35.489	24.185	99.900
6.0	23.852	35.499	24.064	99.900	30.0	18.933	35.250	25.230	99.900
7.0	23.796	35.506	24.085	99.900	40.0	18.090	35.217	25.416	99.900
48.0	17.728	35.225	25.511	99.900					



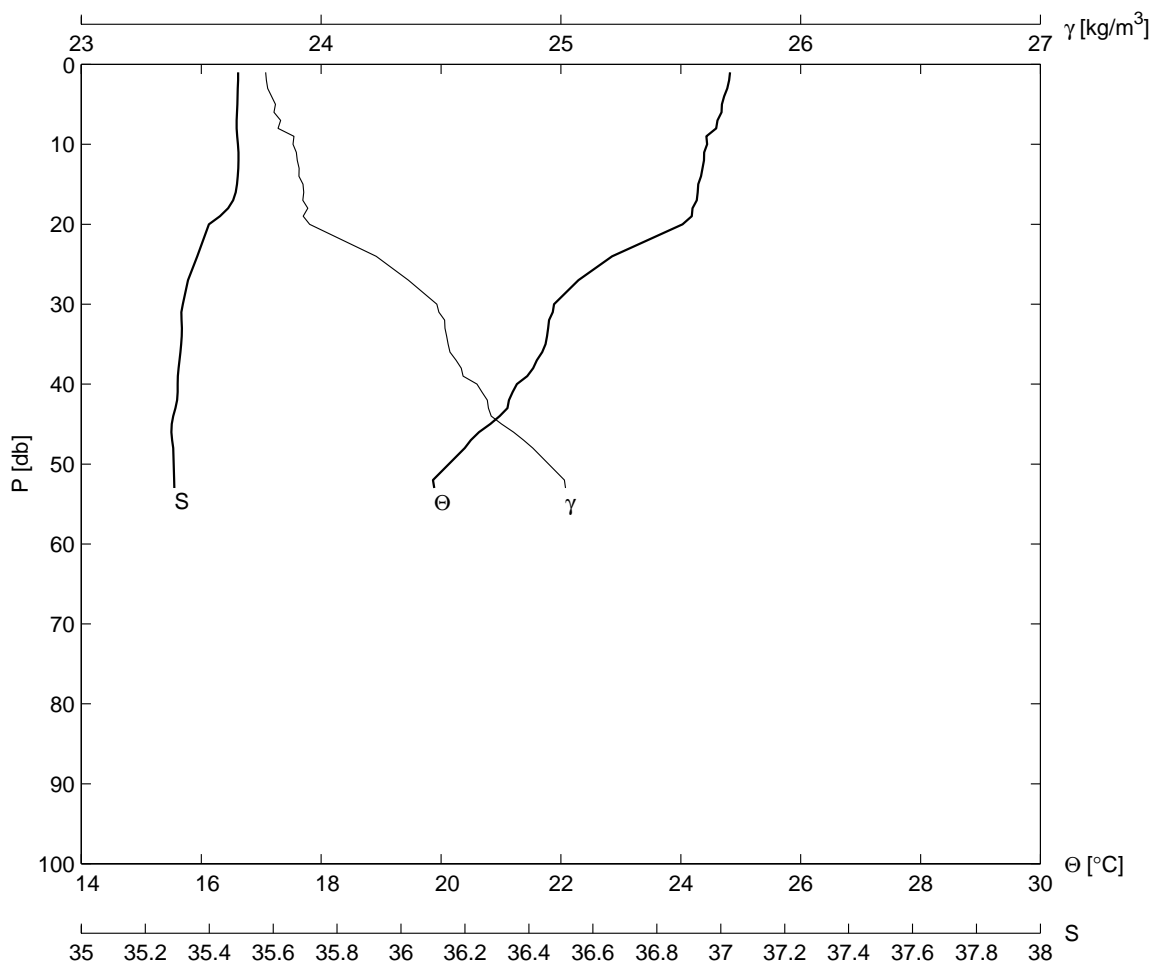
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
J07	085	31	4.9	113	56.4	13	6	2002	1333
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
58.9	24.9	35.48	23.0	23.0	3.3	98	9	1010.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	24.385	35.476	23.887	99.900	9.0	24.040	35.412	23.941	99.900
3.0	24.379	35.473	23.887	99.900	10.0	23.813	35.413	24.009	99.900
4.0	24.362	35.472	23.891	99.900	15.0	21.892	35.210	24.408	99.900
5.0	24.350	35.469	23.892	99.900	20.0	19.371	35.248	25.115	99.900
6.0	24.315	35.465	23.899	99.900	25.0	18.447	35.263	25.362	99.900
7.0	24.273	35.462	23.910	99.900	30.0	17.540	35.178	25.521	99.900
8.0	24.200	35.441	23.916	99.900	40.0	16.893	35.194	25.688	99.900
49.0	16.875	35.198	25.696	99.900					



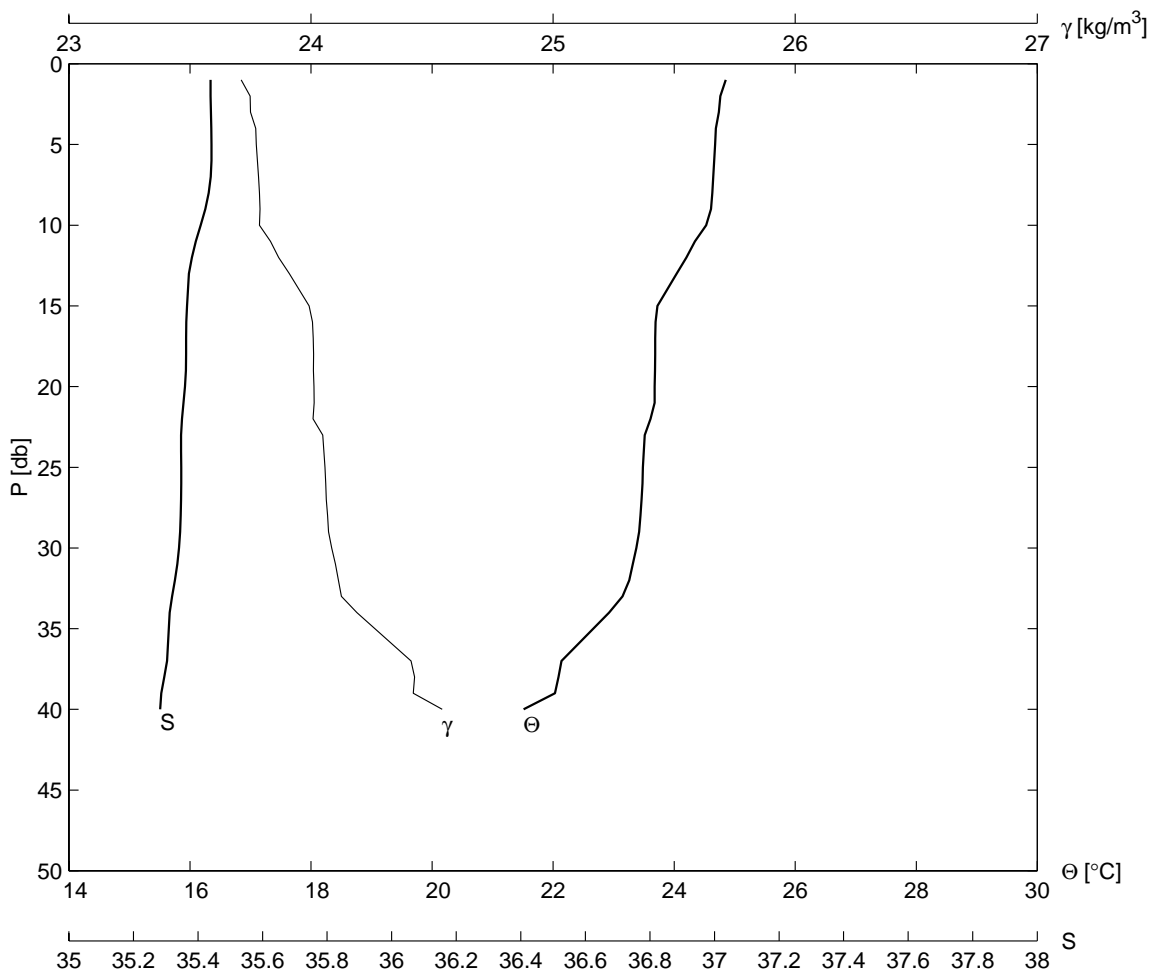
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
H06	086	31	8.8	113	59.1	13	6	2002	1033
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
50.5	24.8	35.50	22.0	24.5	1.5	101	9	1011.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	24.235	35.493	23.945	99.900	9.0	23.729	35.380	24.009	99.900
3.0	24.223	35.495	23.950	99.900	10.0	23.344	35.352	24.101	99.900
4.0	24.211	35.487	23.948	99.900	15.0	21.184	35.199	24.595	99.900
5.0	24.168	35.480	23.955	99.900	20.0	19.081	35.164	25.126	99.900
6.0	24.104	35.472	23.968	99.900	30.0	18.097	35.229	25.424	99.900
7.0	24.033	35.462	23.982	99.900	40.0	18.031	35.230	25.441	99.900
8.0	23.954	35.442	23.990	99.900	44.0	17.987	35.240	25.459	99.900



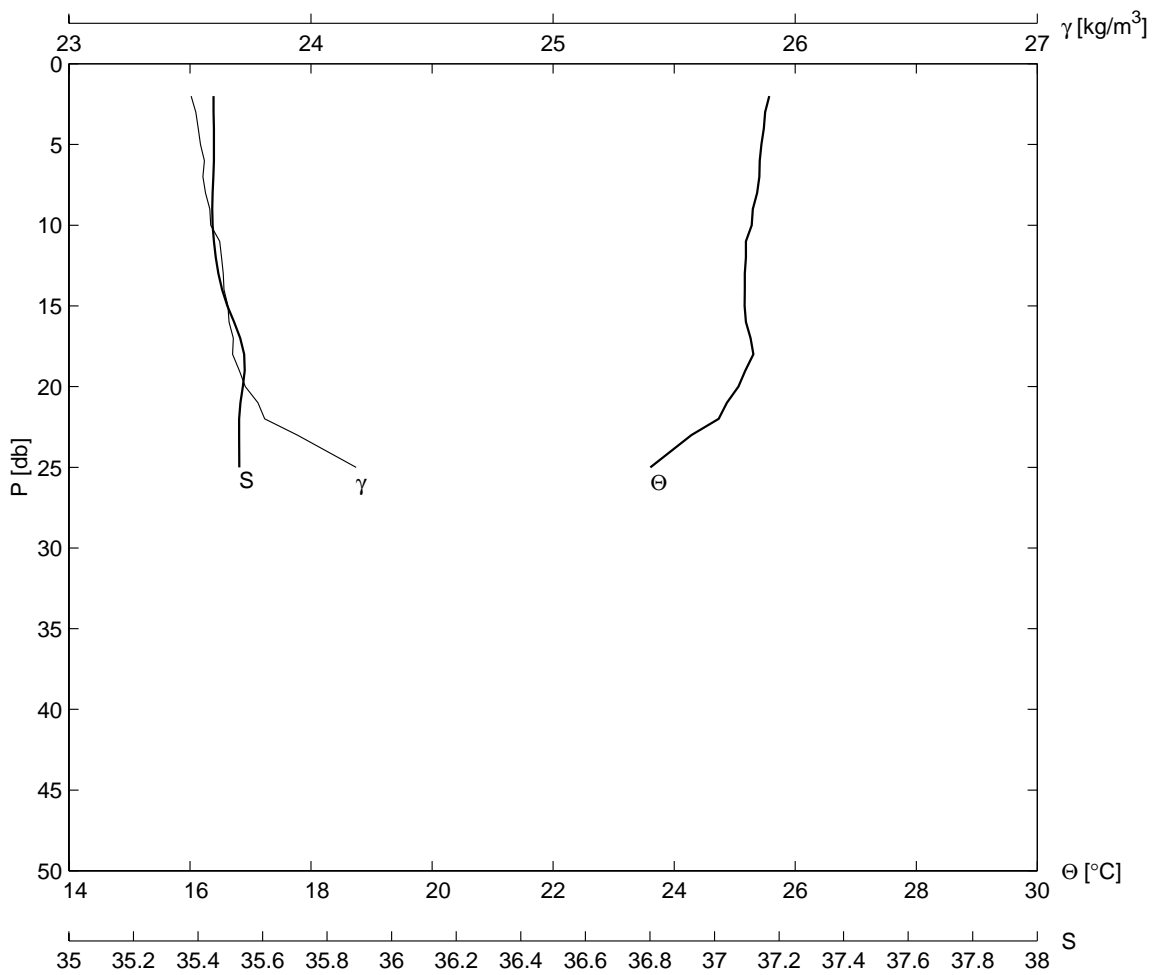
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
G06	087	31 13.2	114 2.3	13	6	2002	1539		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
57.2	25.3	35.49	23.3	26.3	1.0	144	9	1011.5	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	24.806	35.492	23.772	99.900	9.0	24.427	35.492	23.887	99.900
3.0	24.775	35.487	23.778	99.900	10.0	24.441	35.493	23.883	99.900
4.0	24.723	35.487	23.794	99.900	15.0	24.292	35.489	23.924	99.900
5.0	24.686	35.493	23.809	99.900	20.0	24.030	35.423	23.953	99.900
6.0	24.680	35.483	23.803	99.900	30.0	21.885	35.307	24.483	99.900
7.0	24.612	35.493	23.831	99.900	40.0	21.266	35.301	24.650	99.900
8.0	24.592	35.470	23.820	99.900	53.0	19.887	35.299	25.020	99.900



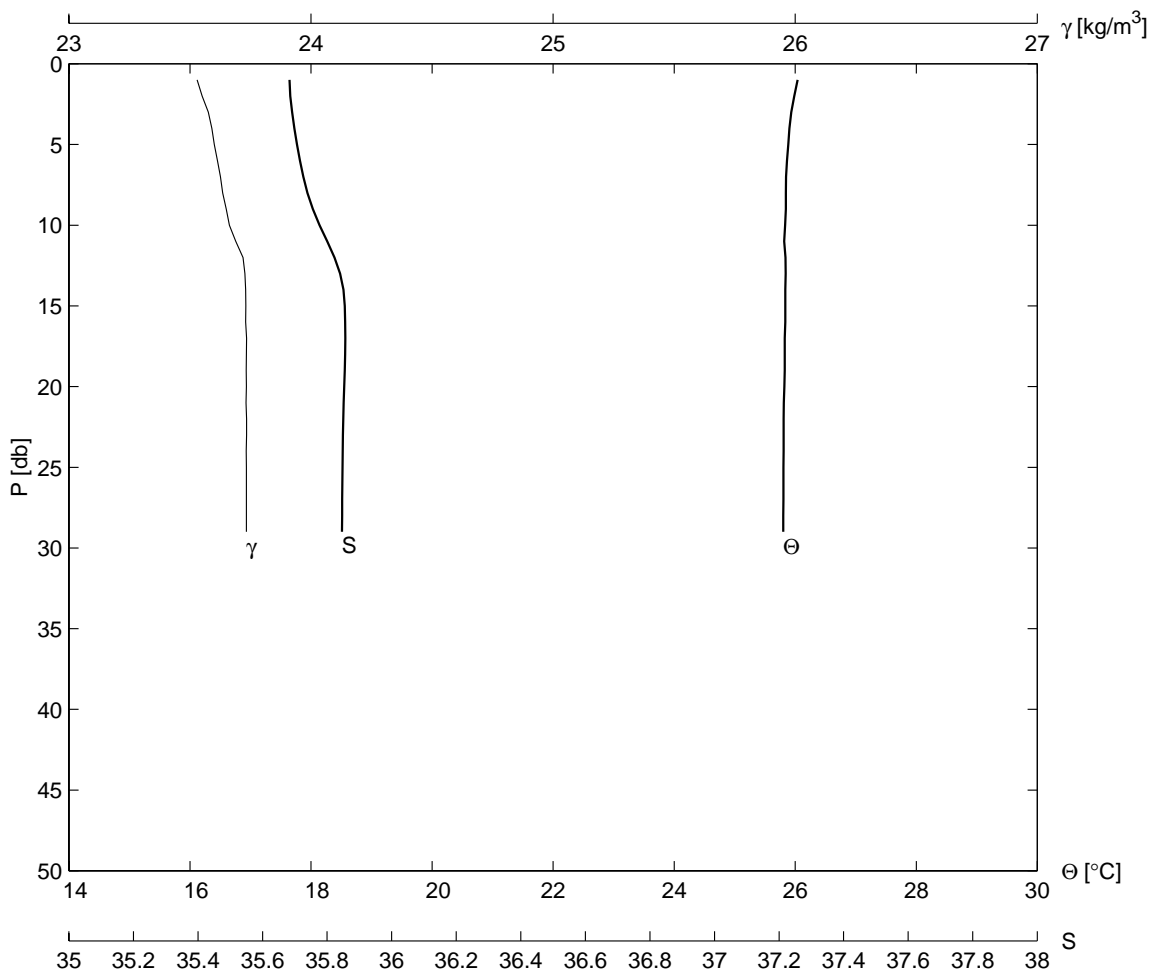
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
F06	088	31 17.5	114 5.6	13	6	2002	1638		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
43.2	25.3	35.43	23.8	26.7	51.4	9.990000e+001	9	1011.5	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	24.763	35.444	23.749	99.900	9.0	24.610	35.437	23.790	99.900
3.0	24.737	35.436	23.750	99.900	10.0	24.528	35.401	23.788	99.900
4.0	24.688	35.444	23.771	99.900	15.0	23.725	35.356	23.992	99.900
5.0	24.677	35.443	23.774	99.900	20.0	23.678	35.364	24.012	99.900
6.0	24.661	35.442	23.778	99.900	25.0	23.483	35.349	24.058	99.900
7.0	24.646	35.443	23.783	99.900	30.0	23.375	35.343	24.085	99.900
8.0	24.630	35.442	23.787	99.900	40.0	21.513	35.248	24.542	99.900
40.0	21.513	35.248	24.542	99.900					



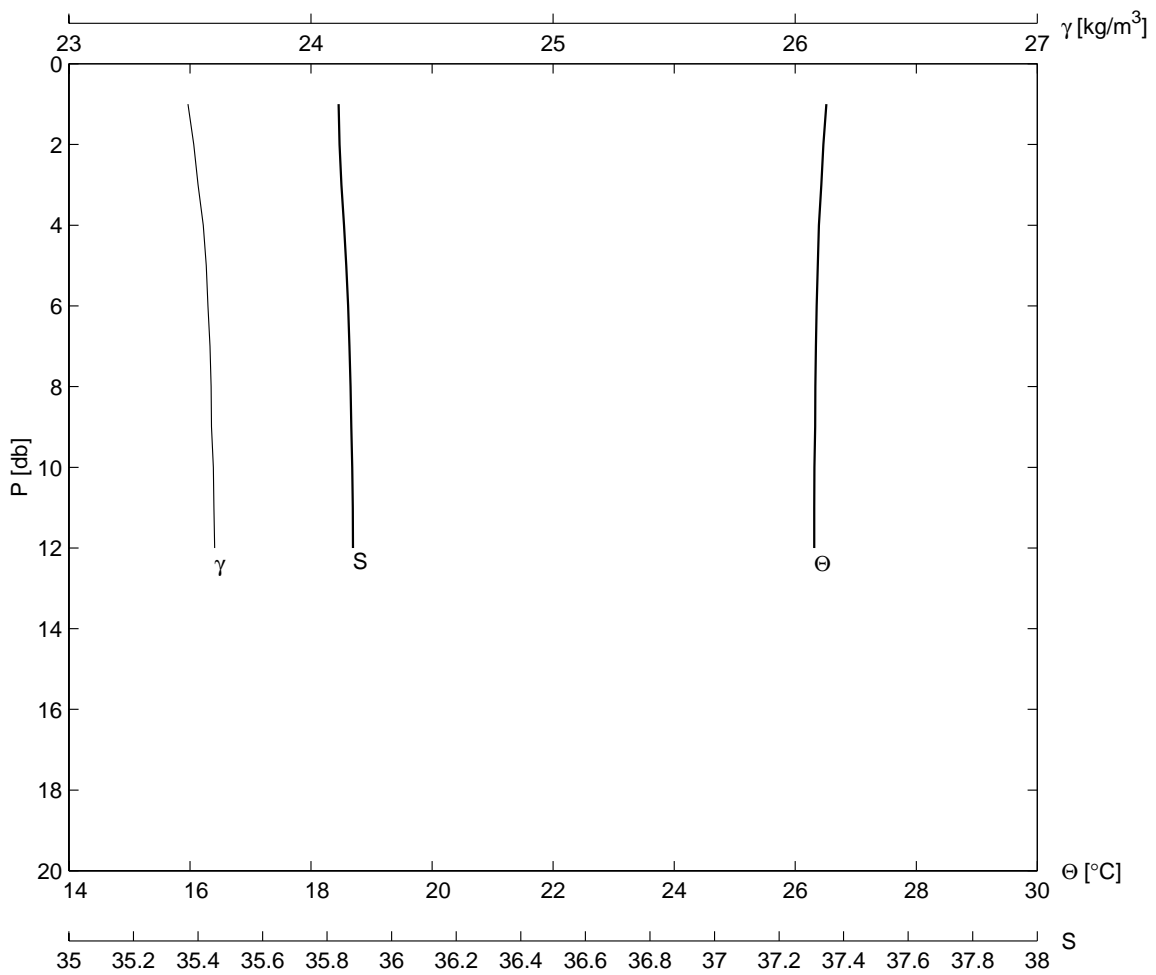
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E06	089	31 21.7	114 8.9	13	6	2002	1758		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
30.7	26.0	33.39	23.0	27.0	1.1	37	9	1011.5	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.570	35.448	23.505	99.900	8.0	25.370	35.445	23.564	99.900
3.0	25.504	35.446	23.524	99.900	9.0	25.301	35.441	23.582	99.900
4.0	25.481	35.451	23.535	99.900	10.0	25.280	35.437	23.586	99.900
5.0	25.441	35.447	23.544	99.900	15.0	25.165	35.484	23.657	99.900
6.0	25.415	35.457	23.560	99.900	20.0	25.061	35.537	23.729	99.900
7.0	25.409	35.447	23.554	99.900	25.0	23.607	35.567	24.187	99.900
25.0	23.607	35.567	24.187	99.900					



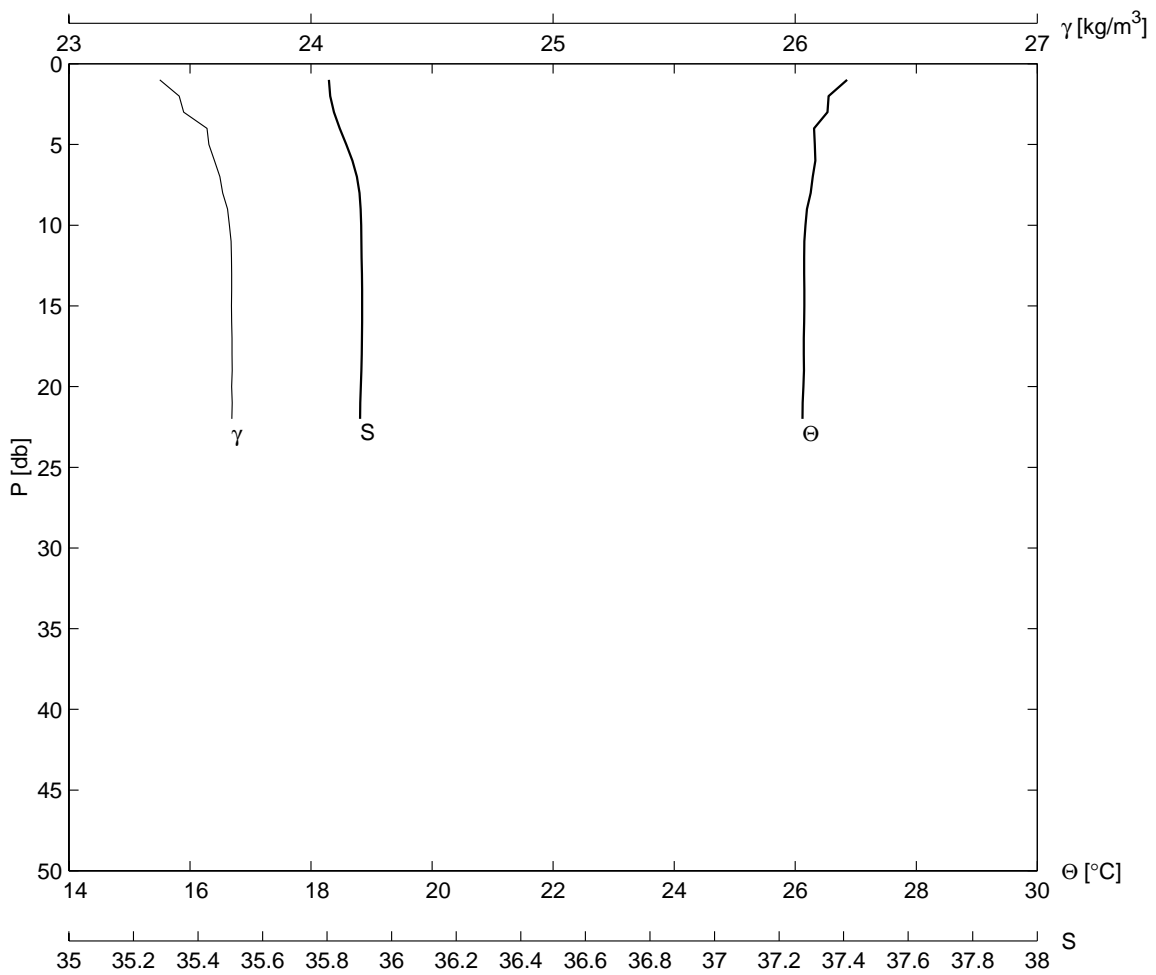
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
D06	090	31 26.2	114 12.0	13	6	2002	1859		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
31.3	26.5	35.67	23.2	27.2	51.4	9.990000e+001	9	1012.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.985	35.679	23.551	99.900	8.0	25.846	35.734	23.635	99.900
3.0	25.936	35.693	23.576	99.900	9.0	25.845	35.753	23.650	99.900
4.0	25.906	35.700	23.591	99.900	10.0	25.833	35.766	23.663	99.900
5.0	25.887	35.705	23.601	99.900	15.0	25.838	35.857	23.731	99.900
6.0	25.865	35.713	23.614	99.900	20.0	25.822	35.854	23.733	99.900
7.0	25.850	35.724	23.626	99.900	25.0	25.806	35.847	23.733	99.900
29.0	25.804	35.846	23.733	99.900					



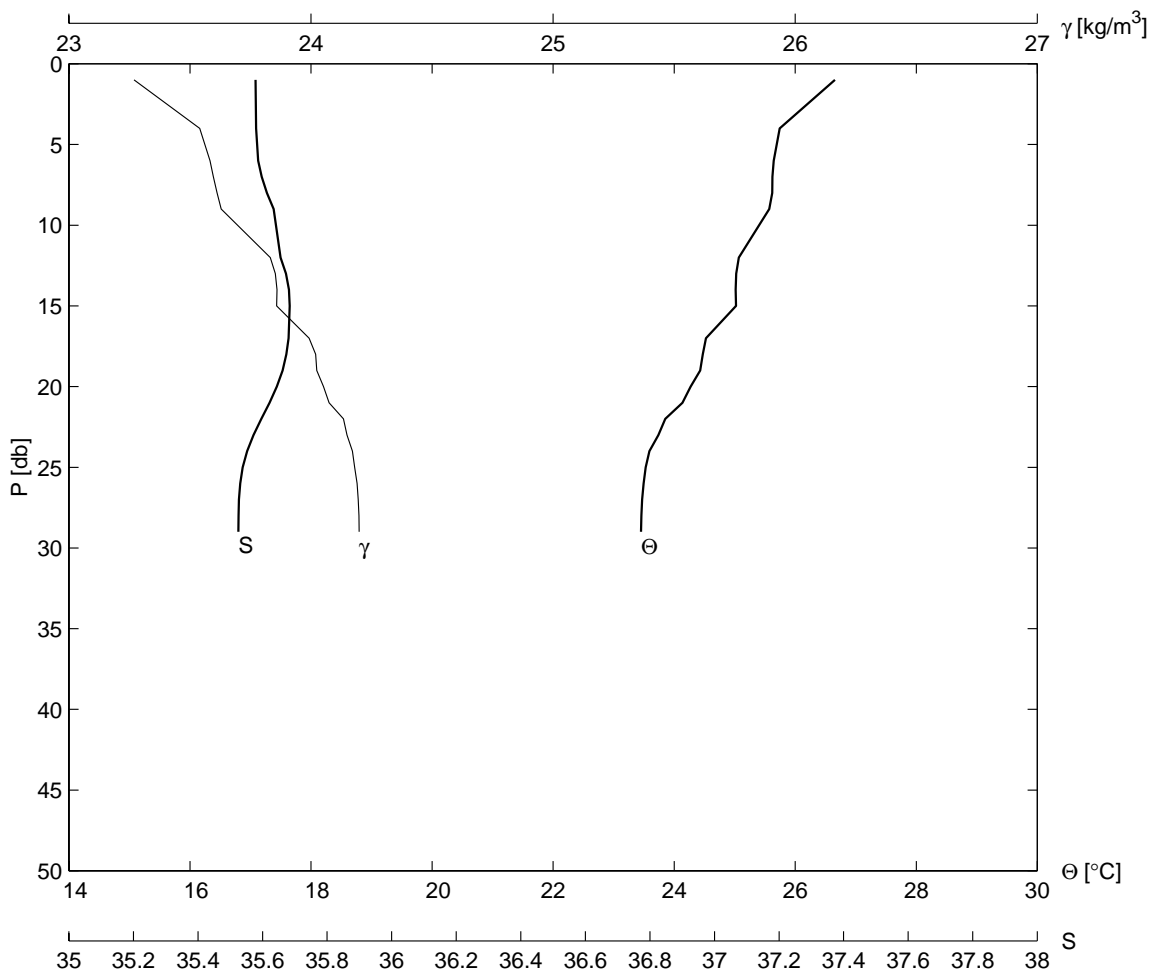
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
C07	091	31 29.1	114 11.6	13	6	2002	1957		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
14.0	26.9	35.82	24.0	29.0	2.3	242	9	1011.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.467	35.834	23.516	99.900	7.0	26.341	35.871	23.583	99.900
3.0	26.432	35.843	23.534	99.900	8.0	26.333	35.873	23.588	99.900
4.0	26.393	35.856	23.555	99.900	9.0	26.331	35.874	23.589	99.900
5.0	26.372	35.862	23.567	99.900	10.0	26.317	35.878	23.596	99.900
6.0	26.356	35.865	23.575	99.900	12.0	26.313	35.884	23.602	99.900



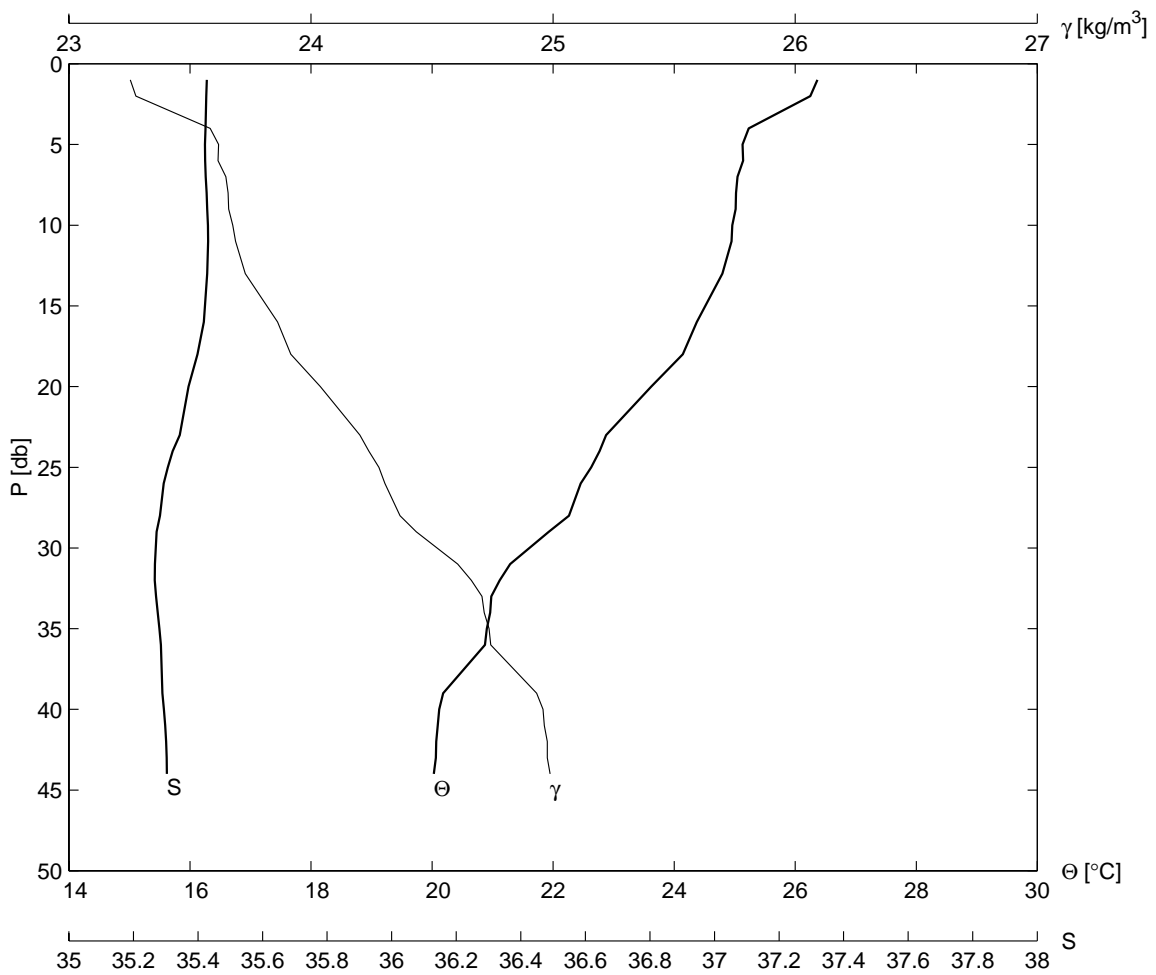
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
C06	092	31 30.8	114 15.4	13	6	2002	2132		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
24.4	24.2	35.81	25.5	28.5	2.9	251	9	1010.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.552	35.790	23.456	99.900	8.0	26.256	35.904	23.635	99.900
3.0	26.534	35.807	23.474	99.900	9.0	26.196	35.906	23.655	99.900
4.0	26.313	35.842	23.570	99.900	10.0	26.170	35.905	23.663	99.900
5.0	26.323	35.856	23.578	99.900	15.0	26.152	35.909	23.672	99.900
6.0	26.333	35.891	23.601	99.900	20.0	26.136	35.904	23.673	99.900
7.0	26.290	35.903	23.624	99.900	22.0	26.121	35.898	23.673	99.900



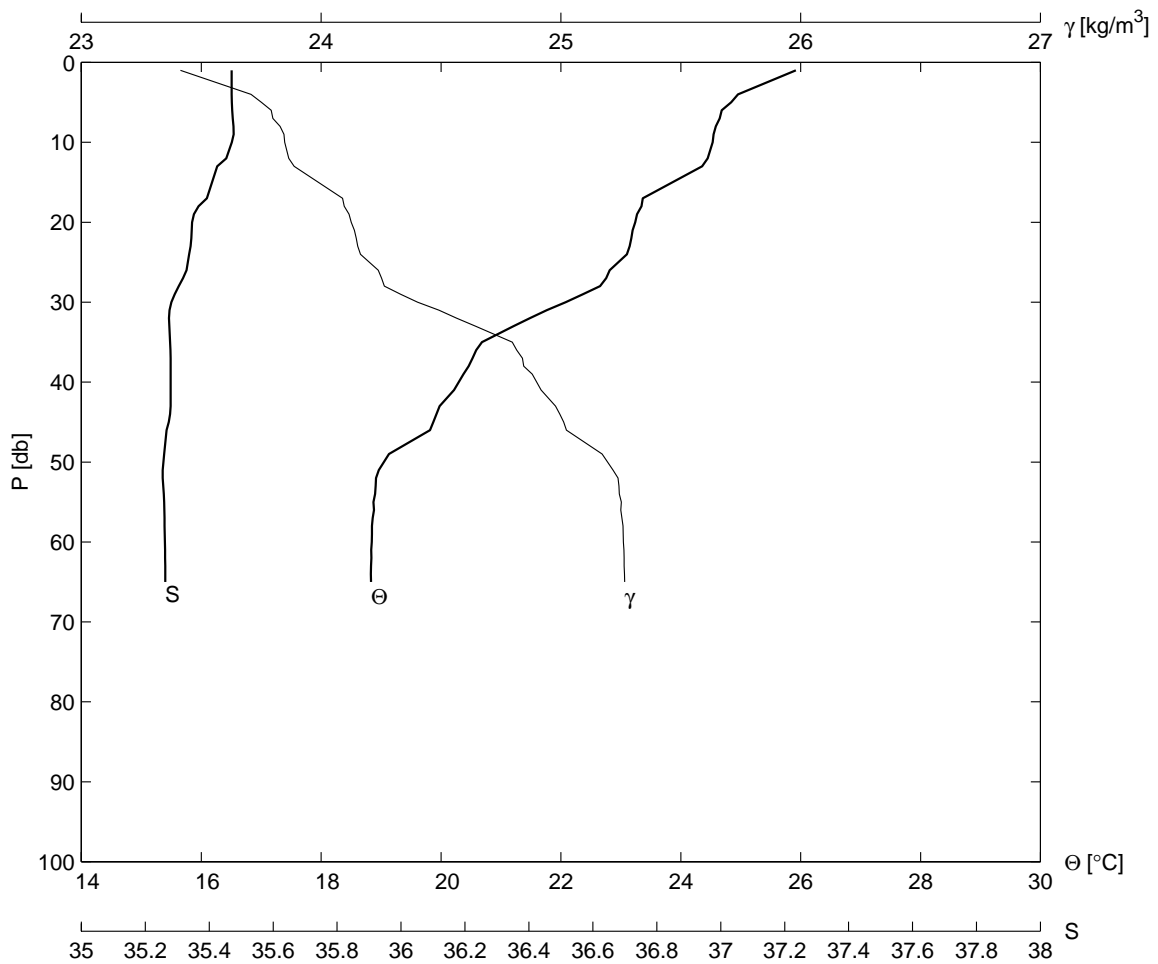
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
D05	093	31 23.9	114 16.4	13	6	2002	2342		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
36.0	23.3	35.59	24.5	27.0	4.5	9.200000e+000		9 1009.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
4.0	25.744	35.567	23.541	99.900	9.0	25.573	35.614	23.629	99.900
6.0	25.644	35.581	23.583	99.900	15.0	25.023	35.693	23.858	99.900
7.0	25.625	35.592	23.596	99.900	20.0	24.272	35.649	24.052	99.900
8.0	25.621	35.611	23.612	99.900	25.0	23.529	35.528	24.180	99.900
29.0	23.453	35.524	24.199	99.900					



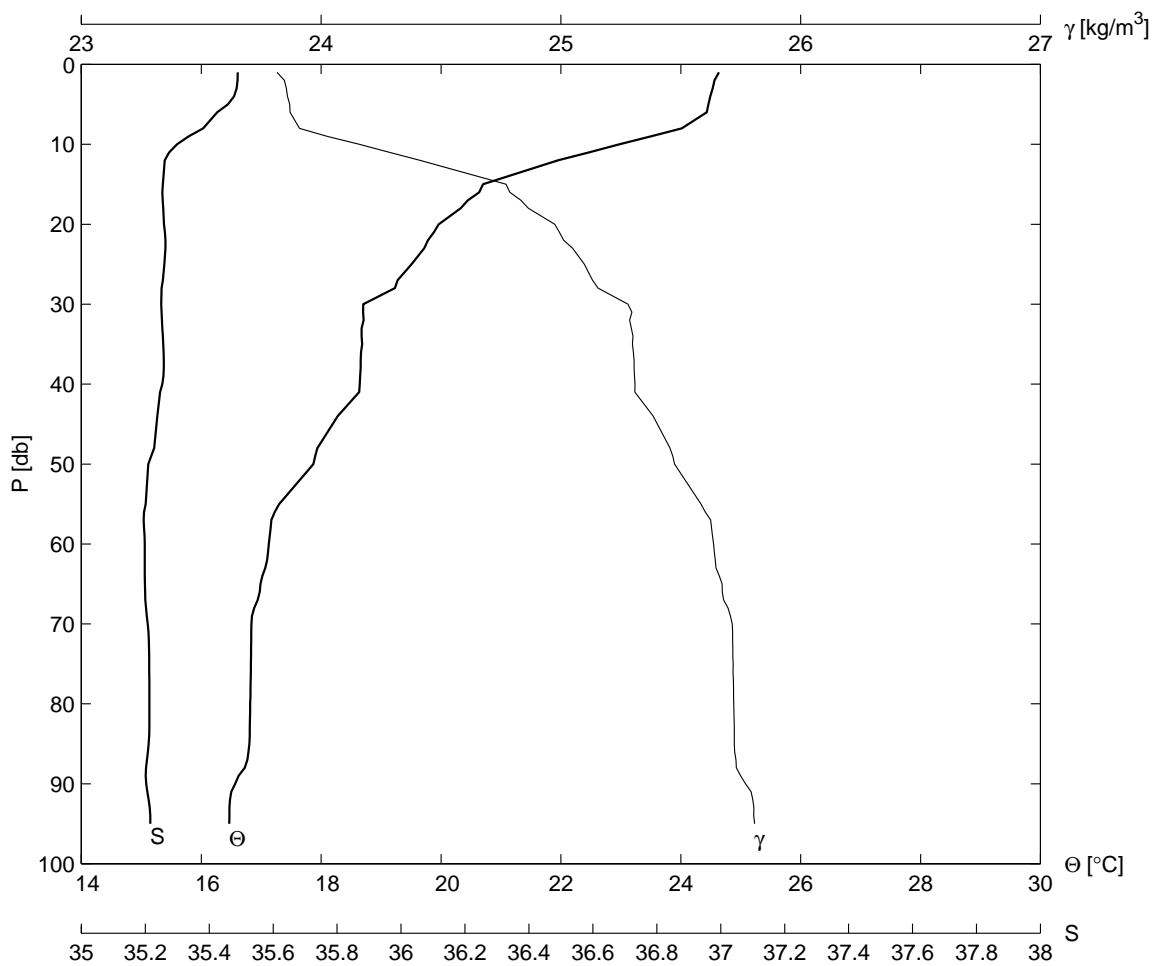
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E05	094	31 19.1	114 13.1	14	6	2002	0122		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
53.9	26.9	35.44	25.5	27.0	2.8	268	9	1008.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.250	35.427	23.277	99.900	9.0	25.016	35.429	23.660	99.900
4.0	25.231	35.414	23.583	99.900	10.0	24.961	35.428	23.677	99.900
5.0	25.131	35.419	23.619	99.900	20.0	23.623	35.378	24.039	99.900
6.0	25.141	35.420	23.616	99.900	25.0	22.629	35.317	24.281	99.900
7.0	25.046	35.425	23.648	99.900	40.0	20.119	35.299	24.958	99.900
8.0	25.023	35.428	23.657	99.900	44.0	20.029	35.307	24.988	99.900



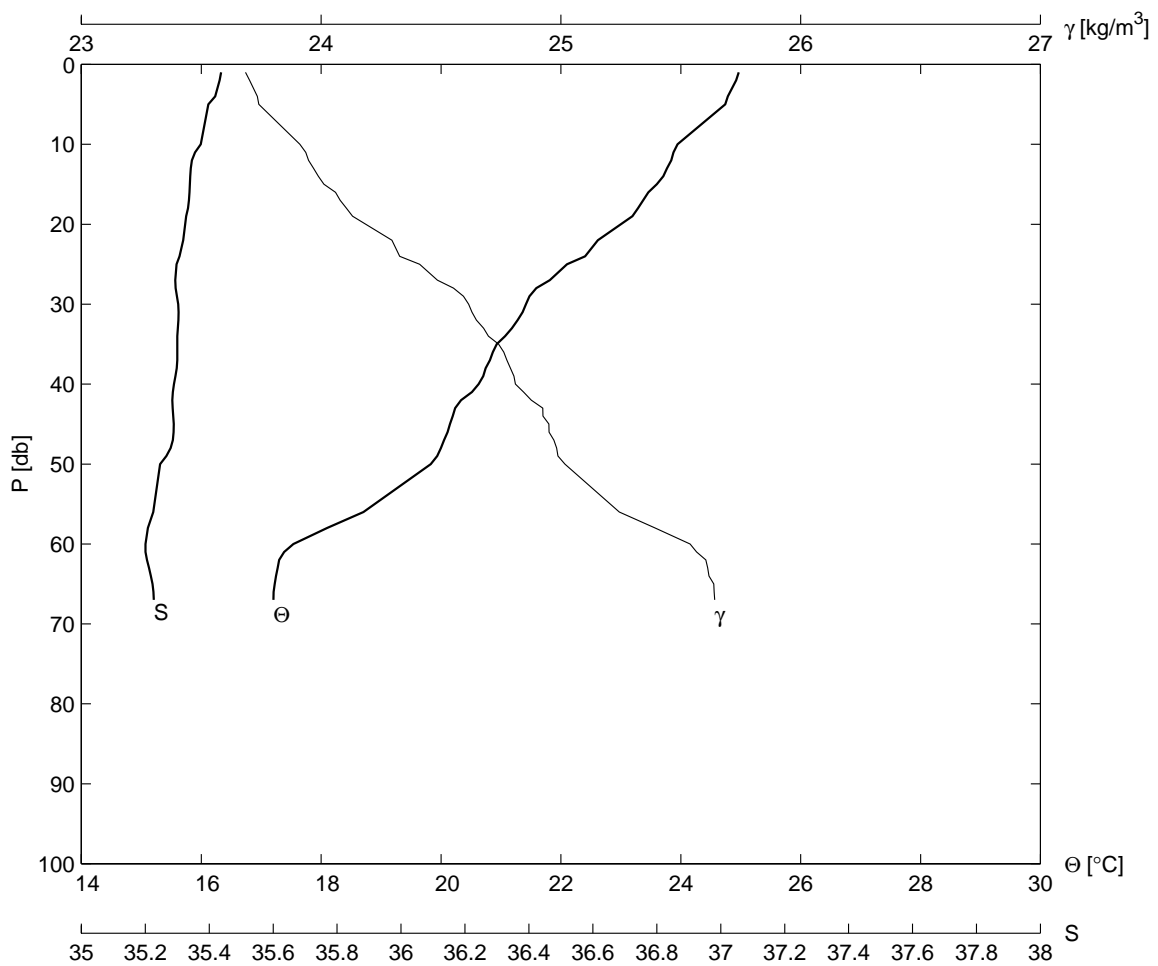
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
F05	095	31 15.1	114 10.1	14	6	2002	0217		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
67.0	26.6	35.47	25.5	27.0	3.4	330	9	1008.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
4.0	24.953	35.466	23.708	99.900	9.0	24.548	35.486	23.845	99.900
5.0	24.842	35.478	23.751	99.900	10.0	24.533	35.484	23.848	99.900
6.0	24.684	35.469	23.792	99.900	20.0	23.239	35.344	24.125	99.900
7.0	24.650	35.465	23.799	99.900	30.0	22.081	35.273	24.403	99.900
8.0	24.583	35.478	23.829	99.900	60.0	18.845	35.261	25.261	99.900
65.0	18.834	35.265	25.266	99.900					



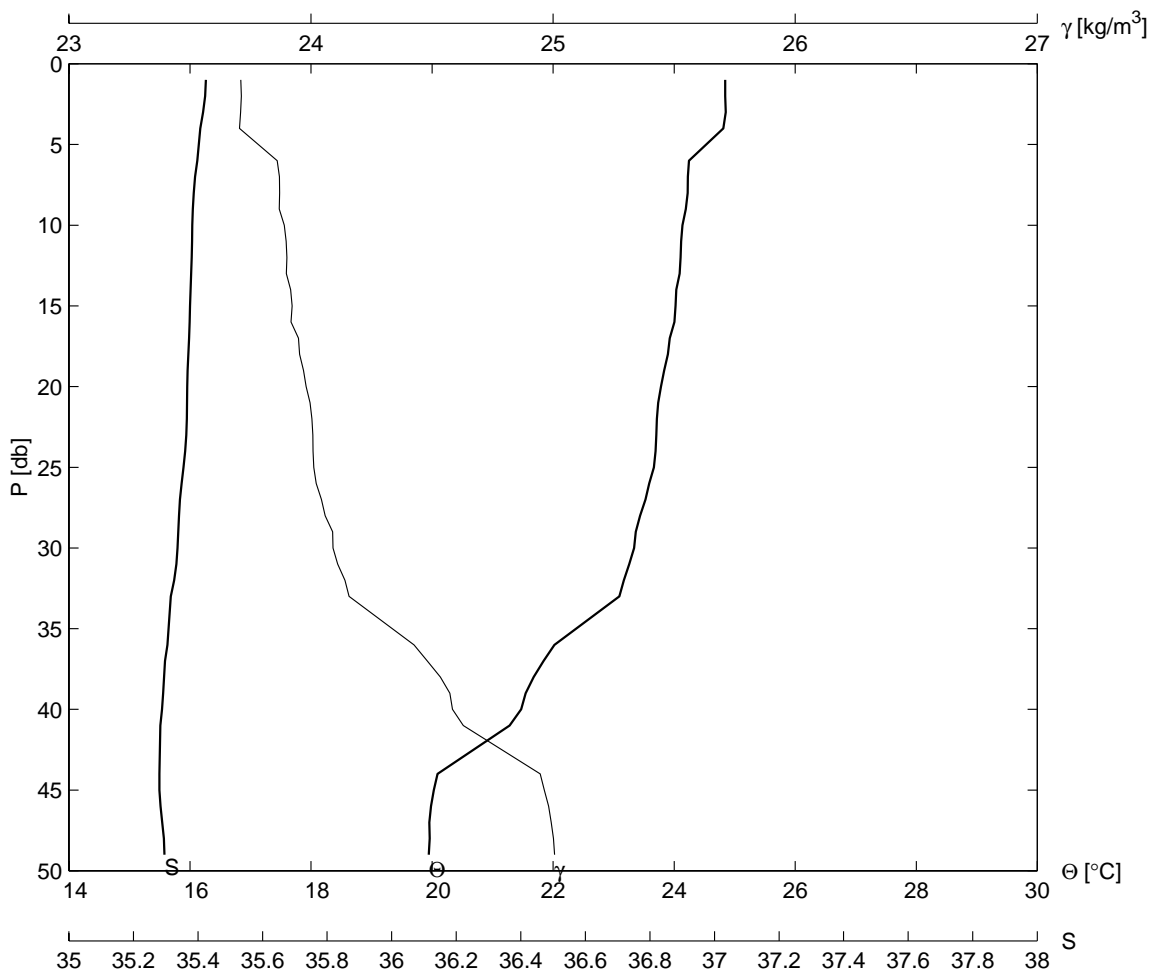
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
G05	096	31 10.6	114 6.9	14	6	2002	0318		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
99.6	25.4	35.48	24.7	26.0	3.5	320	9	1009.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	24.562	35.493	23.846	99.900	20.0	19.961	35.265	24.974	99.900
3.0	24.531	35.493	23.855	99.900	25.0	19.507	35.271	25.098	99.900
4.0	24.493	35.483	23.860	99.900	30.0	18.703	35.240	25.280	99.900
5.0	24.461	35.482	23.869	99.900	40.0	18.645	35.259	25.309	99.900
6.0	24.432	35.473	23.870	99.900	50.0	17.871	35.223	25.474	99.900
8.0	24.015	35.360	23.910	99.900	60.0	17.127	35.199	25.637	99.900
9.0	23.504	35.313	24.025	99.900	70.0	16.837	35.210	25.715	99.900
10.0	22.978	35.288	24.159	99.900	80.0	16.817	35.212	25.721	99.900
15.0	20.703	35.258	24.771	99.900	90.0	16.566	35.200	25.770	99.900
95.0	16.469	35.220	25.808	99.900					



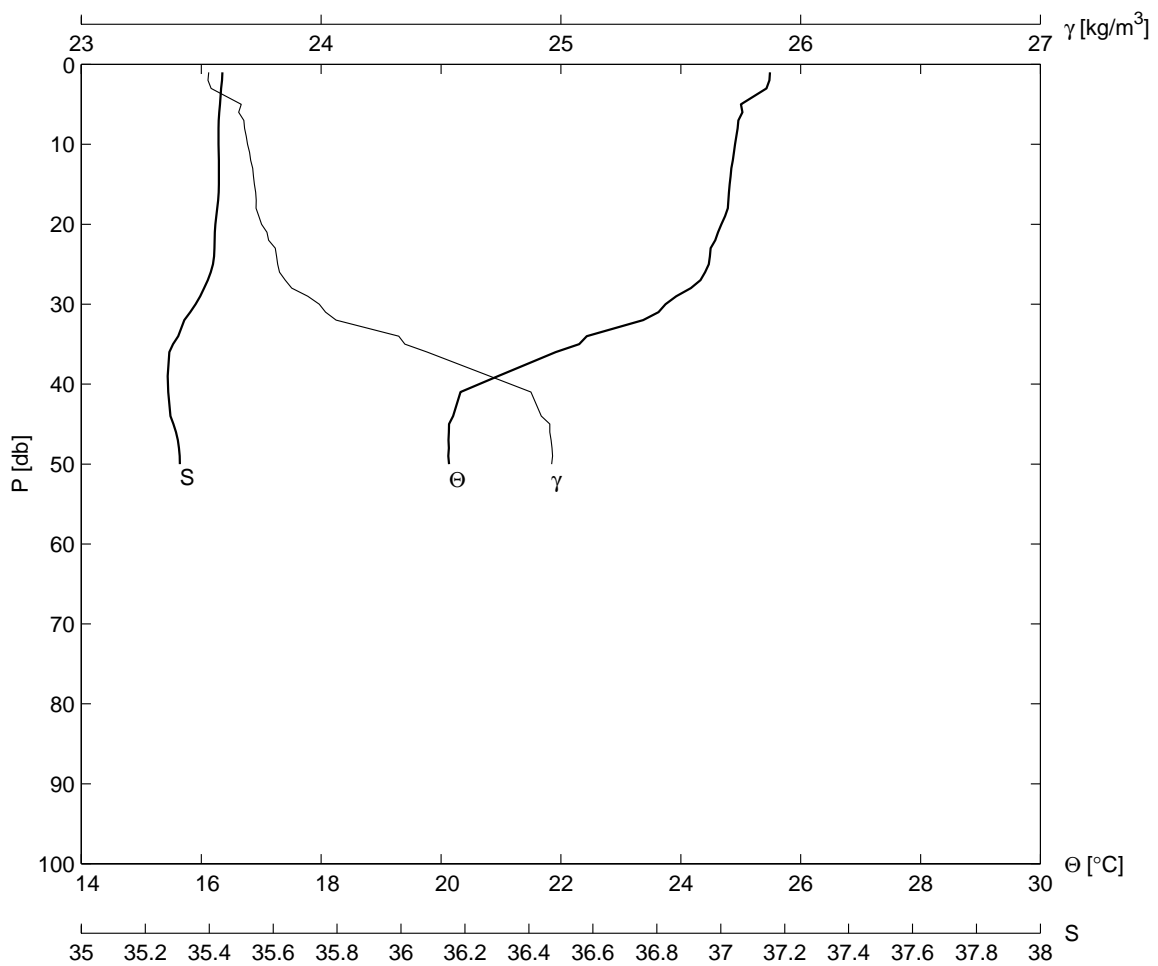
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
K01	097	31 14.0	114 5.6	14	6	2002	0411		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
70.8	25.8	35.44	24.8	25.7	3.9	280	9	1009.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	24.923	35.445	23.701	99.900	25.0	22.101	35.292	24.411	99.900
4.0	24.784	35.433	23.734	99.900	30.0	21.416	35.310	24.616	99.900
5.0	24.741	35.424	23.741	99.900	40.0	20.629	35.283	24.810	99.900
10.0	23.947	35.336	23.911	99.900	50.0	19.828	35.275	25.017	99.900
15.0	23.600	35.333	24.012	99.900	60.0	17.536	35.200	25.539	99.900
67.0	17.204	35.229	25.642	99.900					



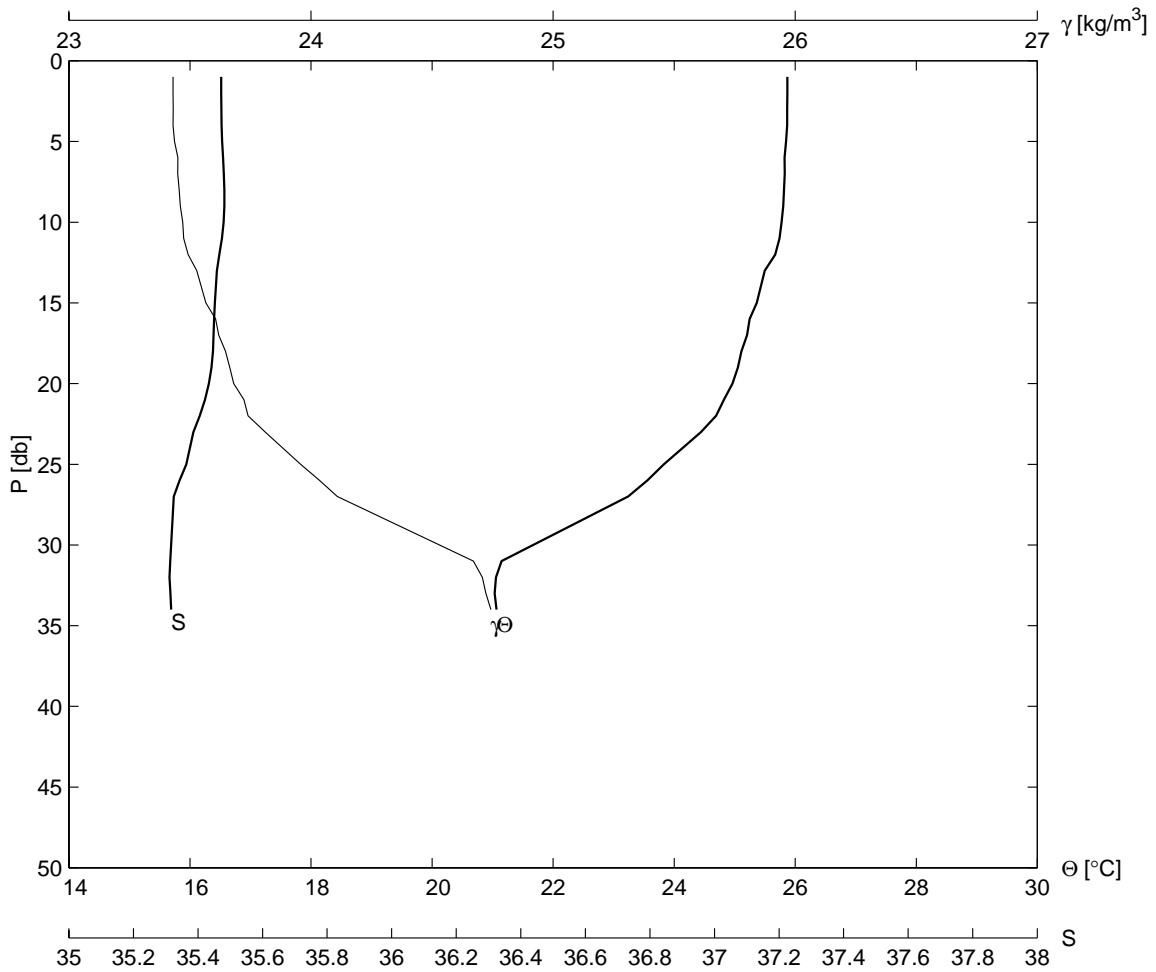
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
K02	098	31 16.5	114 4.1	14	6	2002	0456		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
52.9	26.0	35.42	24.2	25.7	2.9	291	9	1009.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	24.844	35.429	23.713	99.900	10.0	24.137	35.382	23.890	99.900
3.0	24.852	35.427	23.709	99.900	15.0	24.024	35.380	23.922	99.900
4.0	24.813	35.405	23.704	99.900	20.0	23.783	35.362	23.980	99.900
6.0	24.245	35.386	23.861	99.900	25.0	23.665	35.358	24.011	99.900
7.0	24.227	35.390	23.869	99.900	30.0	23.339	35.337	24.091	99.900
8.0	24.224	35.390	23.870	99.900	40.0	21.472	35.289	24.585	99.900
9.0	24.193	35.376	23.869	99.900	49.0	19.946	35.302	25.006	99.900



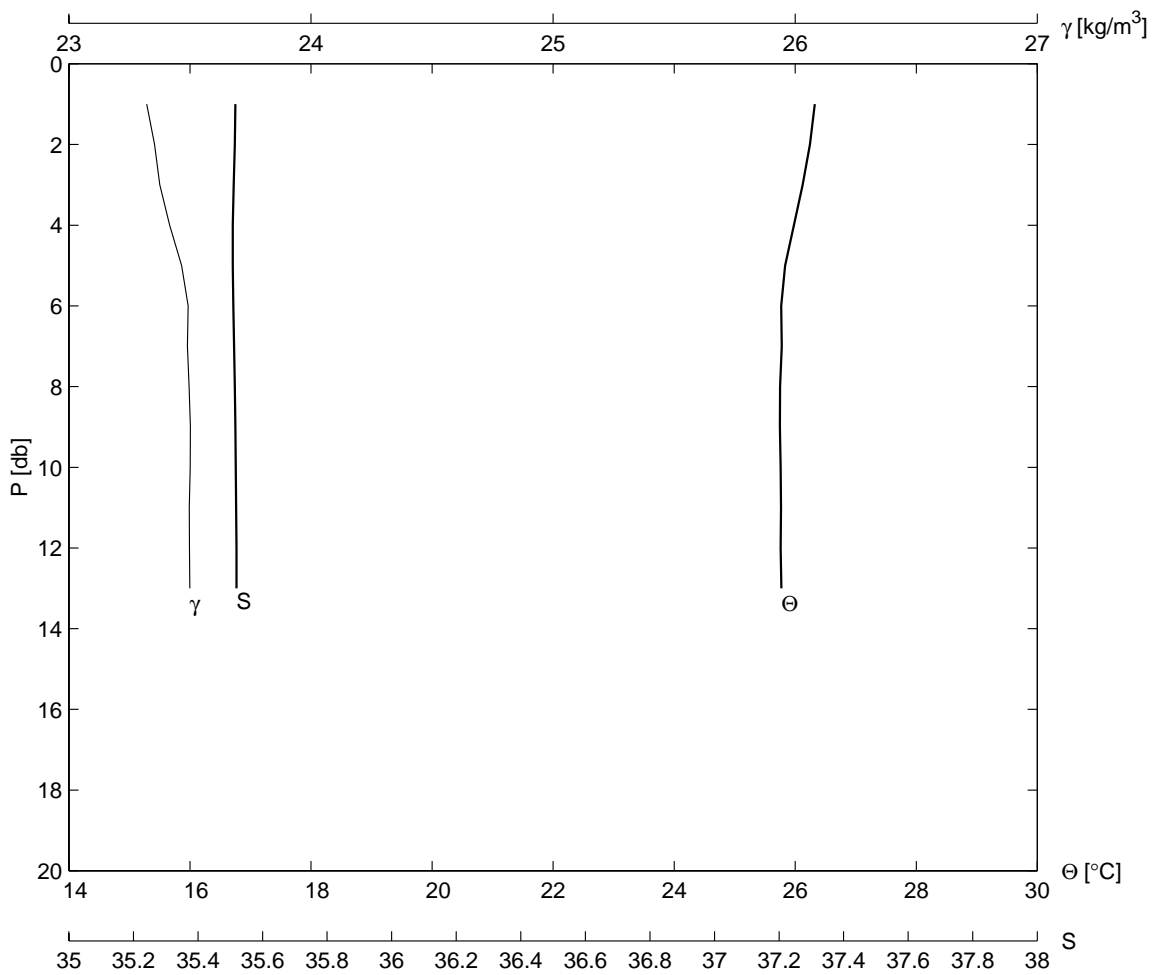
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
K03	099	31 18.1	114 3.3	13	6	2002	0533		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
52.6	26.0	35.45	24.1	25.5	2.4	283	9	1009.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.478	35.441	23.528	99.900	10.0	24.906	35.427	23.693	99.900
3.0	25.428	35.438	23.542	99.900	15.0	24.817	35.429	23.721	99.900
5.0	25.005	35.432	23.667	99.900	20.0	24.678	35.414	23.751	99.900
6.0	25.028	35.428	23.656	99.900	25.0	24.467	35.418	23.819	99.900
7.0	24.960	35.429	23.677	99.900	30.0	23.747	35.365	23.992	99.900
8.0	24.948	35.429	23.681	99.900	50.0	20.134	35.309	24.962	99.900
9.0	24.927	35.429	23.687	99.900	50.0	20.134	35.309	24.962	99.900



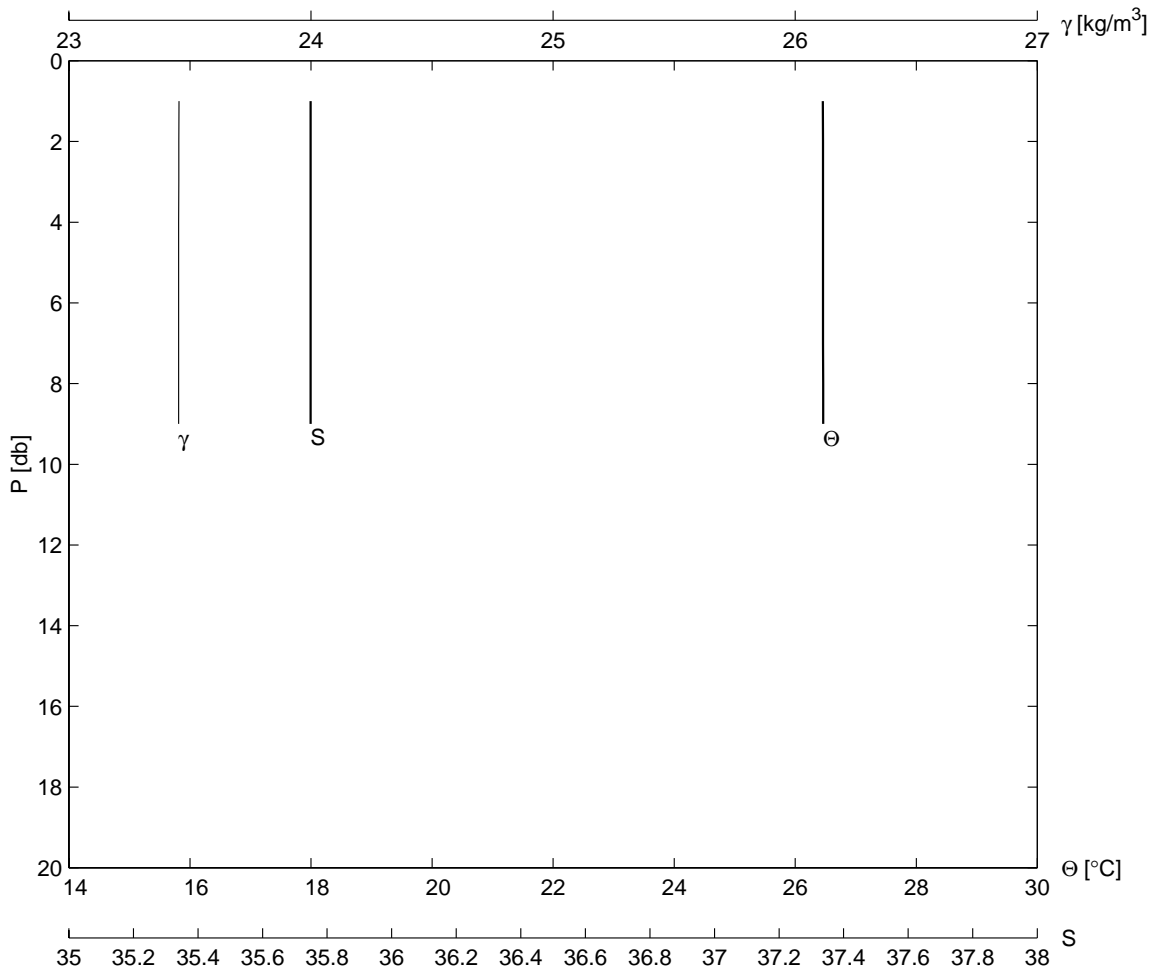
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
K04	100	31 20.1	114 2.5	14	6	2002	0612		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
37.3	26.3	35.47	24.5	25.8	1.3	316	9	1009.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.869	35.472	23.430	99.900	8.0	25.814	35.483	23.455	99.900
3.0	25.868	35.472	23.431	99.900	9.0	25.801	35.484	23.461	99.900
4.0	25.866	35.471	23.431	99.900	10.0	25.775	35.486	23.470	99.900
5.0	25.848	35.471	23.436	99.900	15.0	25.364	35.444	23.566	99.900
6.0	25.826	35.481	23.451	99.900	20.0	24.964	35.435	23.680	99.900
7.0	25.828	35.481	23.450	99.900	25.0	23.830	35.351	23.957	99.900
34.0	21.065	35.350	24.743	99.900					



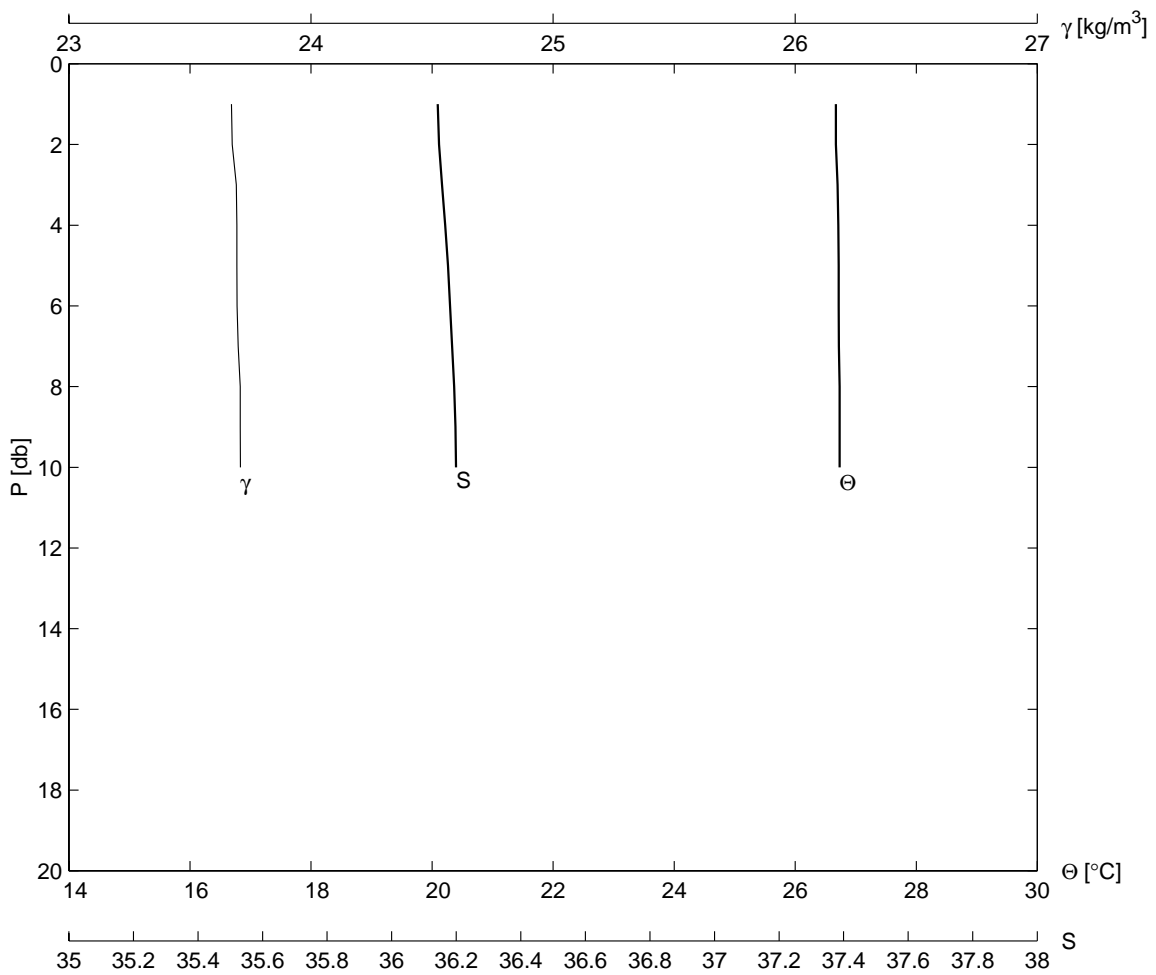
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
K05	101	31 22.2	114 1.1	14	6	2002	0650		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
16.1	26.7	35.52	25.0	26.0	51.4	9.990000e+001	9	1009.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.242	35.525	23.354	99.900	7.0	25.778	35.513	23.490	99.900
3.0	26.124	35.505	23.376	99.900	8.0	25.750	35.511	23.497	99.900
4.0	25.977	35.498	23.416	99.900	9.0	25.746	35.516	23.502	99.900
5.0	25.833	35.504	23.466	99.900	10.0	25.758	35.520	23.501	99.900
6.0	25.770	35.514	23.493	99.900	13.0	25.772	35.524	23.500	99.900



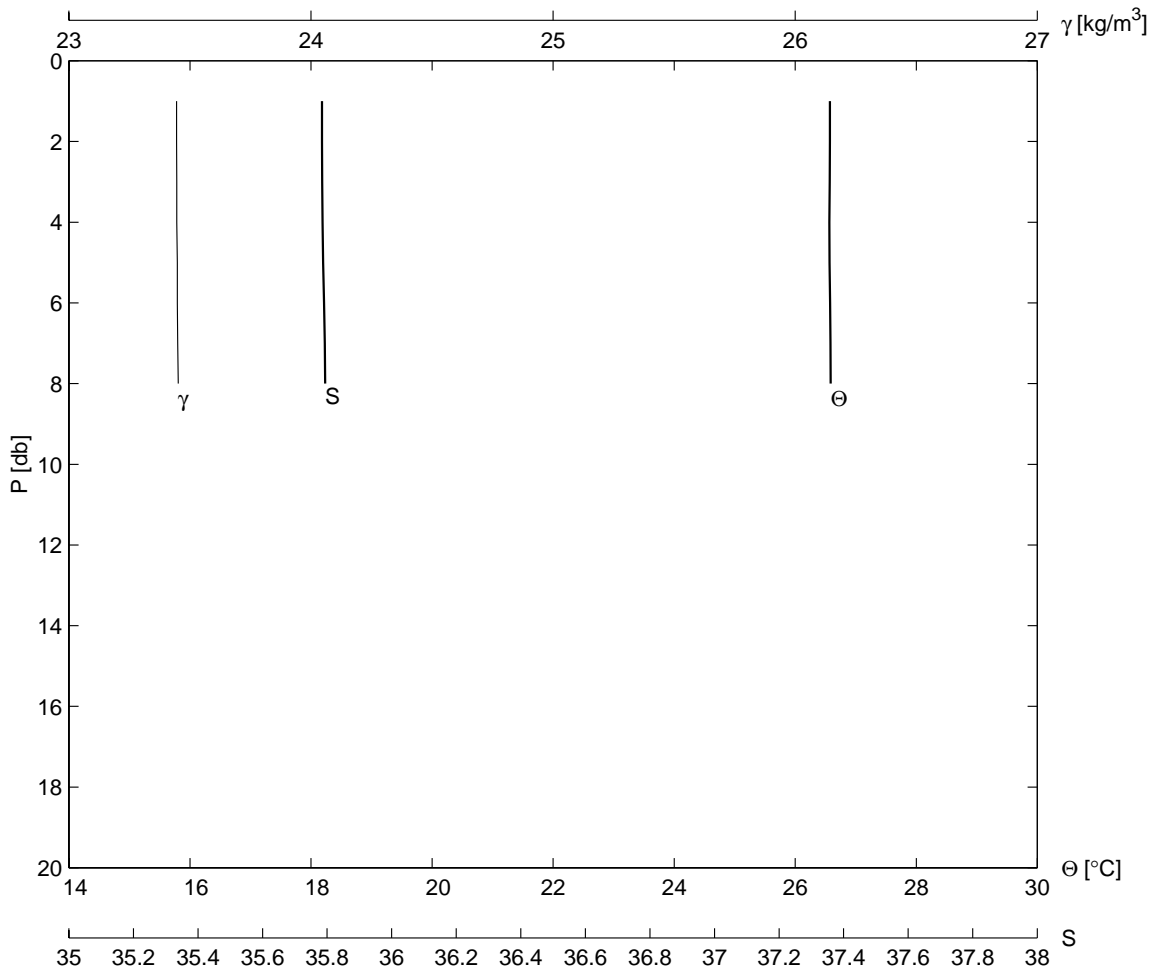
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
K06	102	31 24.1	114 0.2	14	6	2002	0727		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
12.2	26.9	35.75	25.5	26.5	1.5	74	9	1009.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.458	35.749	23.454	99.900	6.0	26.461	35.748	23.453	99.900
3.0	26.460	35.749	23.454	99.900	7.0	26.461	35.749	23.453	99.900
4.0	26.461	35.749	23.453	99.900	8.0	26.461	35.749	23.453	99.900
5.0	26.461	35.749	23.453	99.900	9.0	26.462	35.749	23.453	99.900
9.0	26.462	35.749	23.453	99.900					



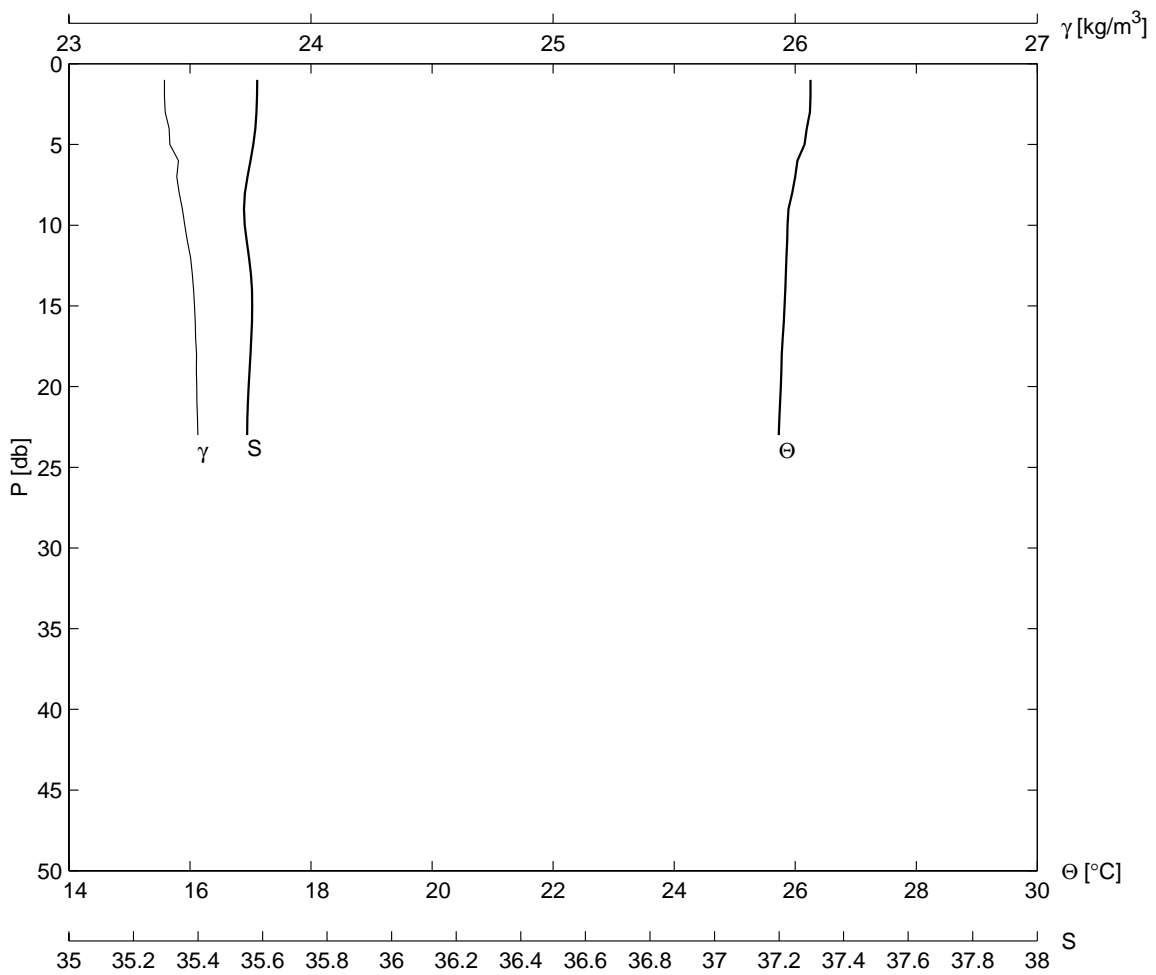
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E08	103	31 26.7	113 58.8	14	6	2002	0812		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
12.3	27.1	36.13	26.0	27.0	1.4	97	9	1009.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.673	36.131	23.674	99.900	7.0	26.723	36.185	23.699	99.900
3.0	26.701	36.165	23.691	99.900	8.0	26.733	36.200	23.708	99.900
4.0	26.712	36.173	23.694	99.900	9.0	26.734	36.201	23.708	99.900
5.0	26.717	36.176	23.694	99.900	10.0	26.735	36.202	23.708	99.900
6.0	26.718	36.176	23.694	99.900	10.0	26.735	36.202	23.708	99.900



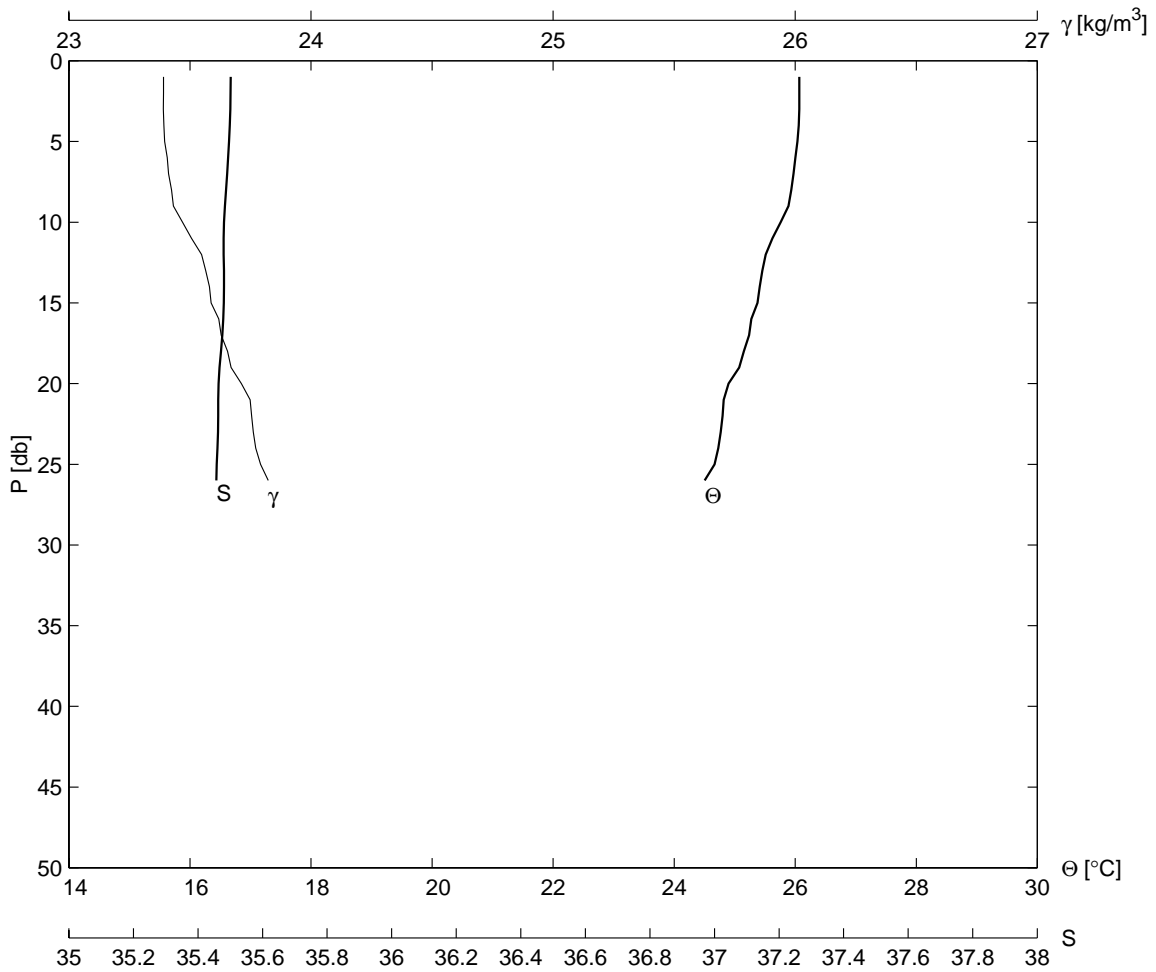
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E07A	104	31 25.5	114 1.4	14	6	2002	0854		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
12.3	27.0	35.78	25.0	26.5	1.8	57	9	1008.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.572	35.785	23.445	99.900	6.0	26.577	35.791	23.448	99.900
3.0	26.571	35.785	23.445	99.900	7.0	26.583	35.795	23.450	99.900
4.0	26.565	35.783	23.446	99.900	8.0	26.587	35.800	23.452	99.900
5.0	26.568	35.787	23.448	99.900	8.0	26.587	35.800	23.452	99.900



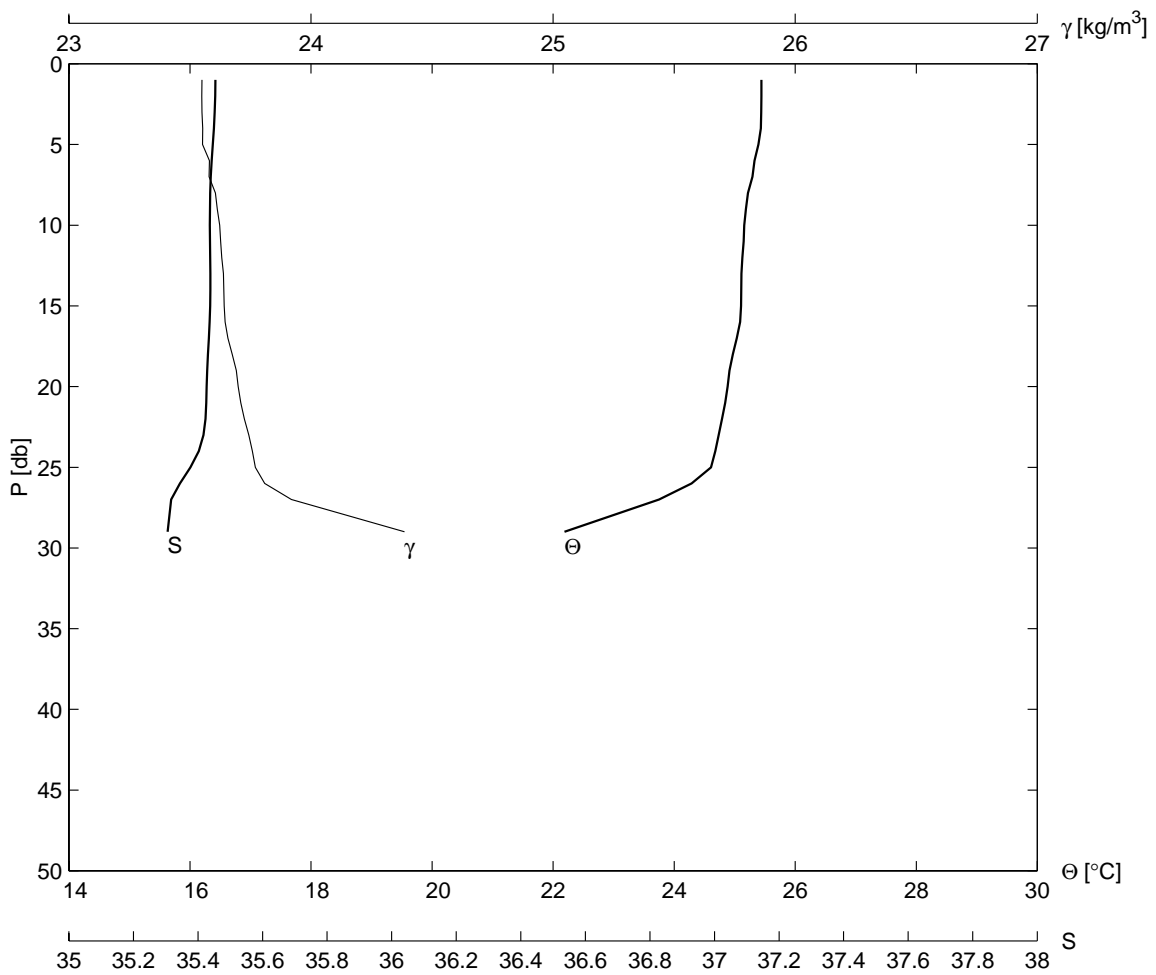
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E07	105	31 24.1	114 3.7	14	6	2002	0936		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
28.1	26.7	35.58	25.0	26.0	2.9	249	9	1008.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.254	35.584	23.395	99.900	8.0	25.952	35.540	23.456	99.900
3.0	26.243	35.584	23.398	99.900	9.0	25.889	35.531	23.469	99.900
4.0	26.190	35.583	23.414	99.900	10.0	25.873	35.538	23.479	99.900
5.0	26.155	35.573	23.417	99.900	15.0	25.825	35.571	23.519	99.900
6.0	26.037	35.570	23.452	99.900	20.0	25.764	35.558	23.528	99.900
7.0	26.001	35.547	23.446	99.900	23.0	25.730	35.551	23.533	99.900



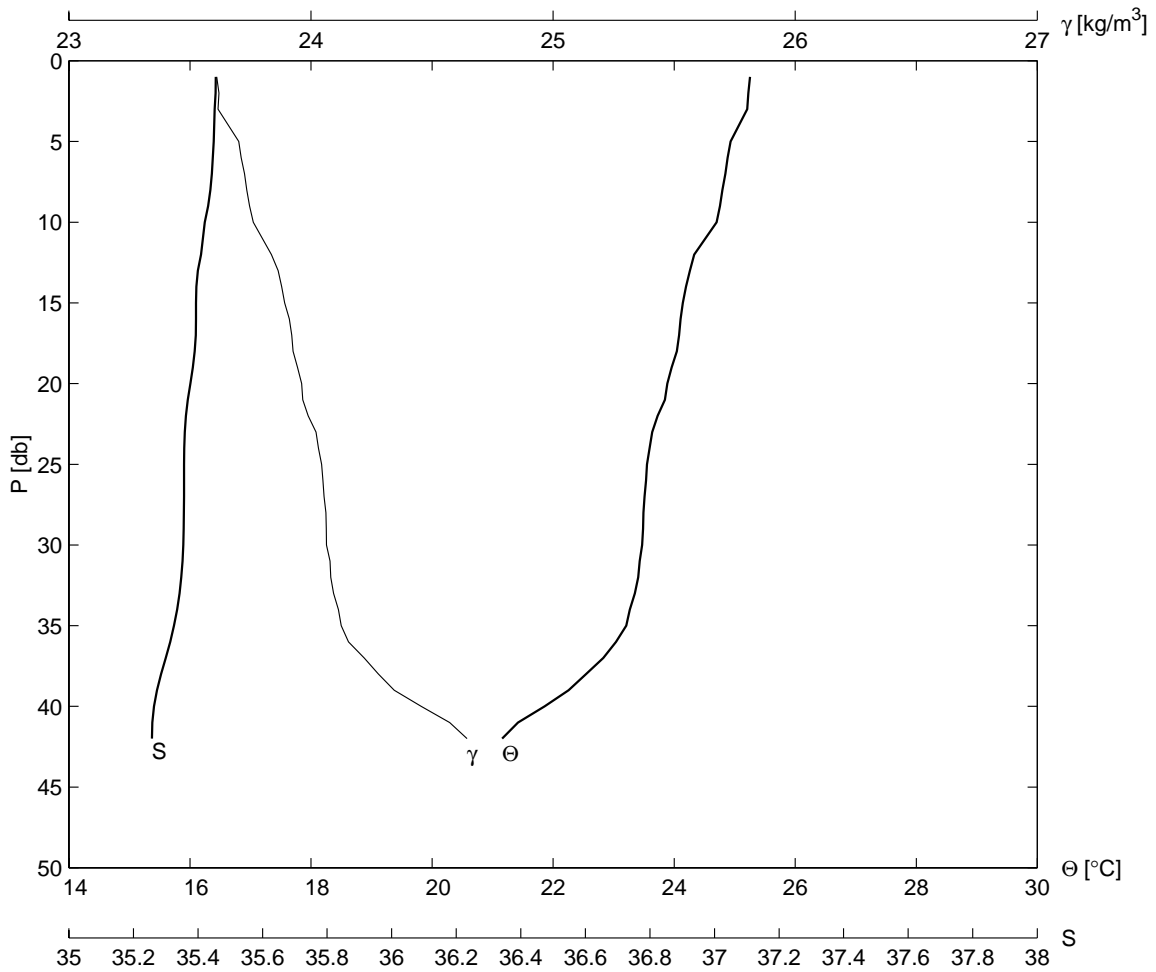
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E06A	106	31 22.9	114 6.1	14	6	2002	1022		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
29.4	26.5	35.50	25.0	26.0	5.7	199	9	1008.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	26.068	35.502	23.391	99.900	8.0	25.934	35.490	23.424	99.900
3.0	26.069	35.501	23.390	99.900	9.0	25.889	35.482	23.432	99.900
4.0	26.060	35.500	23.392	99.900	10.0	25.759	35.479	23.470	99.900
5.0	26.036	35.495	23.395	99.900	15.0	25.376	35.478	23.587	99.900
6.0	26.002	35.495	23.406	99.900	20.0	24.898	35.450	23.712	99.900
7.0	25.973	35.490	23.412	99.900	25.0	24.669	35.463	23.792	99.900
26.0	24.504	35.439	23.823	99.900					



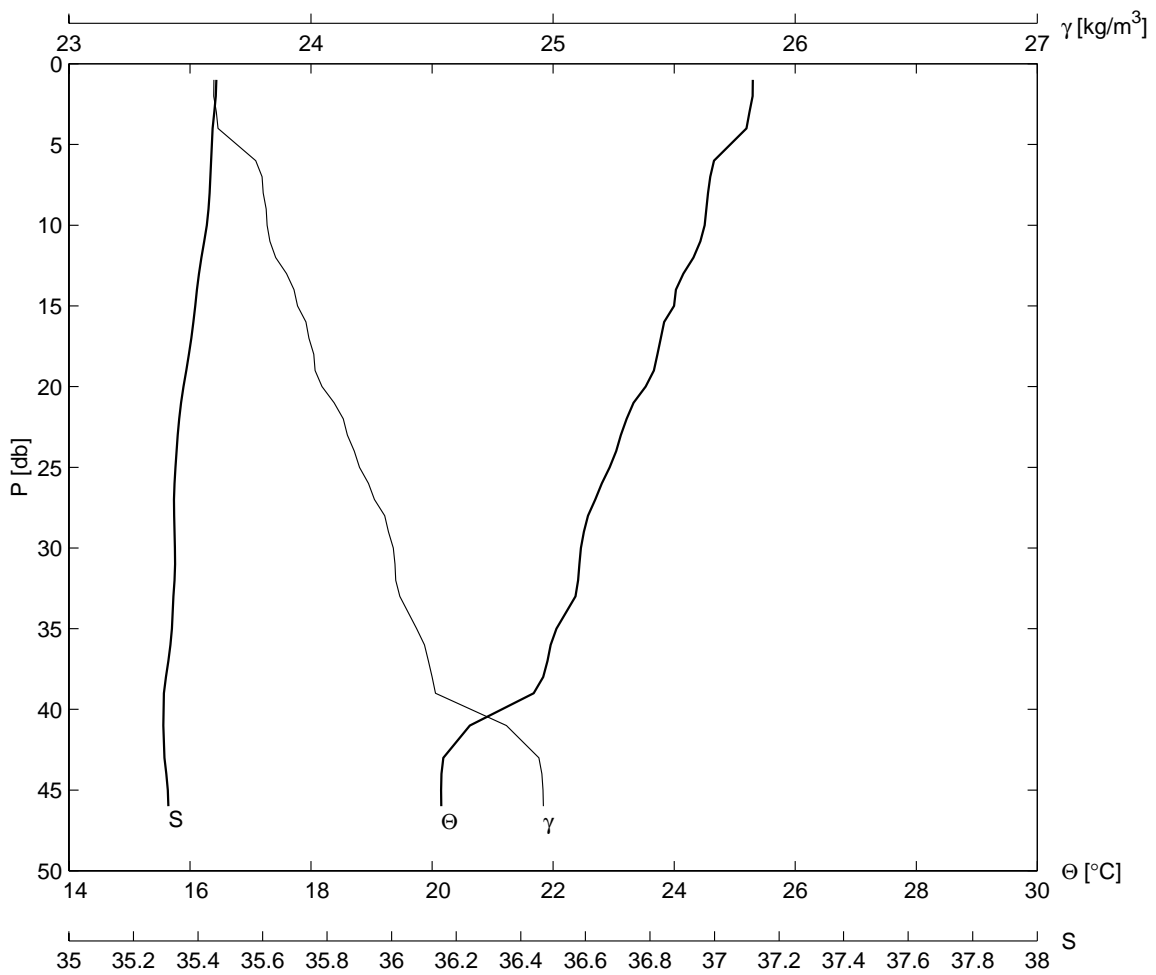
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E06	107	31 21.5	114 8.7	14	6	2002	1104		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
33.8	25.9	35.45	24.0	25.0	5.3	32	9	1008.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.441	35.454	23.549	99.900	8.0	25.221	35.438	23.605	99.900
3.0	25.439	35.453	23.549	99.900	9.0	25.186	35.435	23.613	99.900
4.0	25.431	35.455	23.553	99.900	10.0	25.159	35.437	23.623	99.900
5.0	25.391	35.437	23.552	99.900	15.0	25.105	35.440	23.642	99.900
6.0	25.329	35.449	23.580	99.900	20.0	24.882	35.427	23.700	99.900
7.0	25.293	35.434	23.579	99.900	25.0	24.609	35.411	23.770	99.900
29.0	22.187	35.291	24.387	99.900					



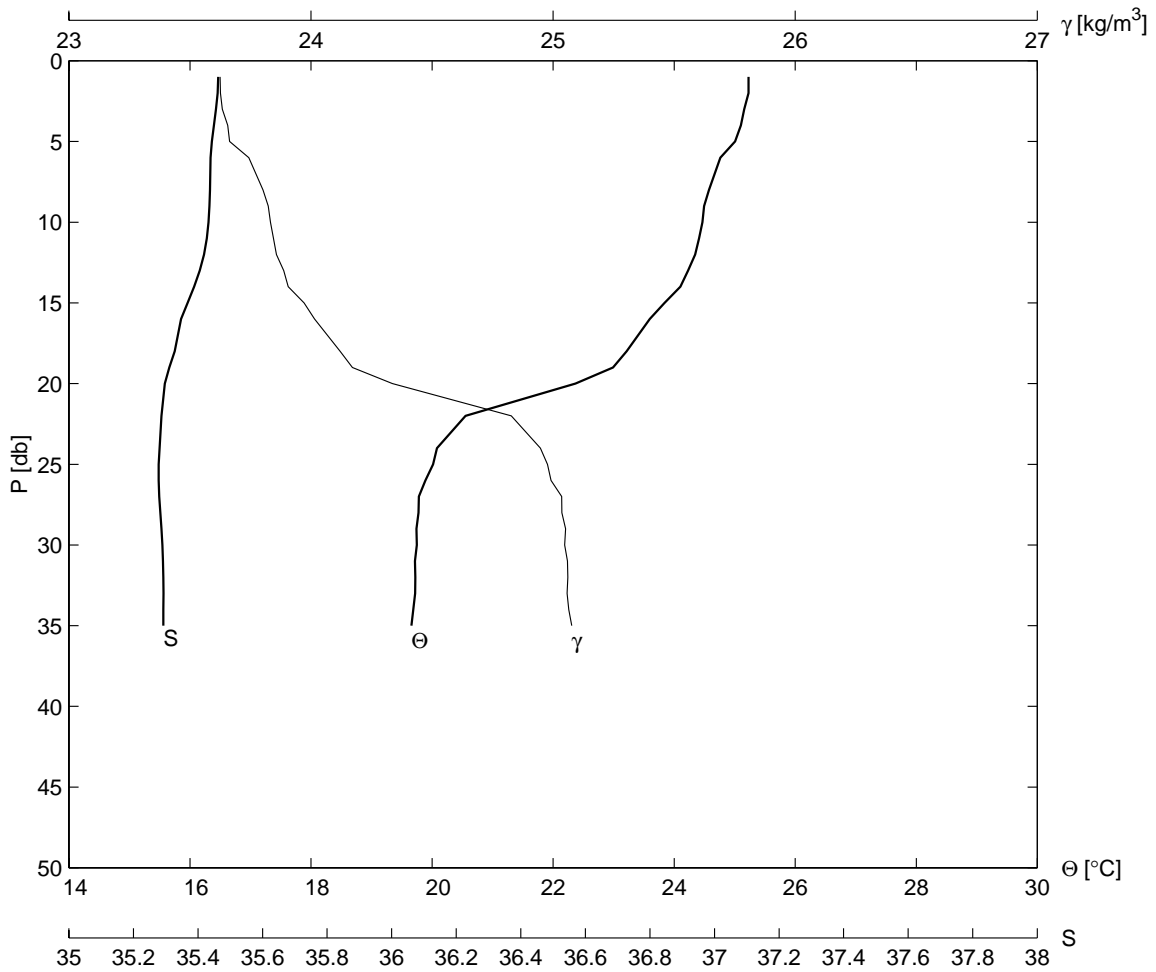
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E05A	108	31 20.3	114 11.2	14	6	2002	1257		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
48.7	25.8	35.46	23.3	25.0	4.3	72	9	1008.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.225	35.459	23.620	99.900	10.0	24.703	35.437	23.762	99.900
3.0	25.208	35.447	23.616	99.900	15.0	24.145	35.387	23.891	99.900
5.0	24.934	35.451	23.702	99.900	20.0	23.887	35.378	23.961	99.900
6.0	24.883	35.443	23.712	99.900	25.0	23.552	35.358	24.044	99.900
7.0	24.846	35.447	23.726	99.900	30.0	23.472	35.352	24.064	99.900
8.0	24.796	35.438	23.735	99.900	40.0	21.860	35.260	24.455	99.900
9.0	24.758	35.438	23.746	99.900	42.0	21.157	35.254	24.644	99.900



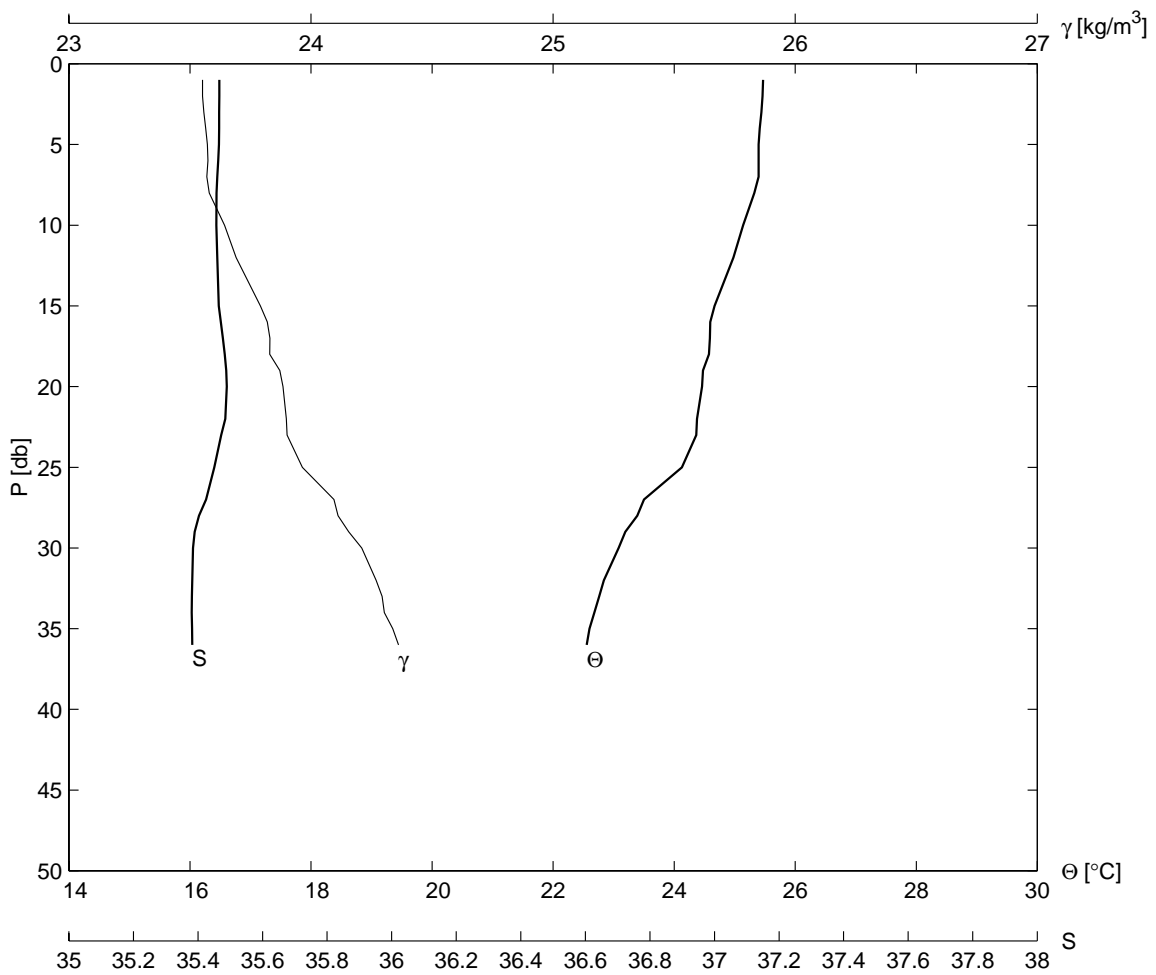
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
E05	109	31 19.3	114 13.3	14	6	2002	1335		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
51.6	25.8	35.46	23.5	25.3	5.1	180	9	1008.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.296	35.460	23.598	99.900	9.0	24.531	35.439	23.815	99.900
3.0	25.244	35.453	23.609	99.900	10.0	24.505	35.433	23.819	99.900
4.0	25.195	35.442	23.616	99.900	15.0	23.998	35.400	23.945	99.900
6.0	24.659	35.432	23.771	99.900	20.0	23.530	35.351	24.046	99.900
7.0	24.596	35.442	23.798	99.900	25.0	22.936	35.327	24.200	99.900
8.0	24.561	35.434	23.802	99.900	30.0	22.460	35.332	24.340	99.900
46.0	20.154	35.313	24.960	99.900					



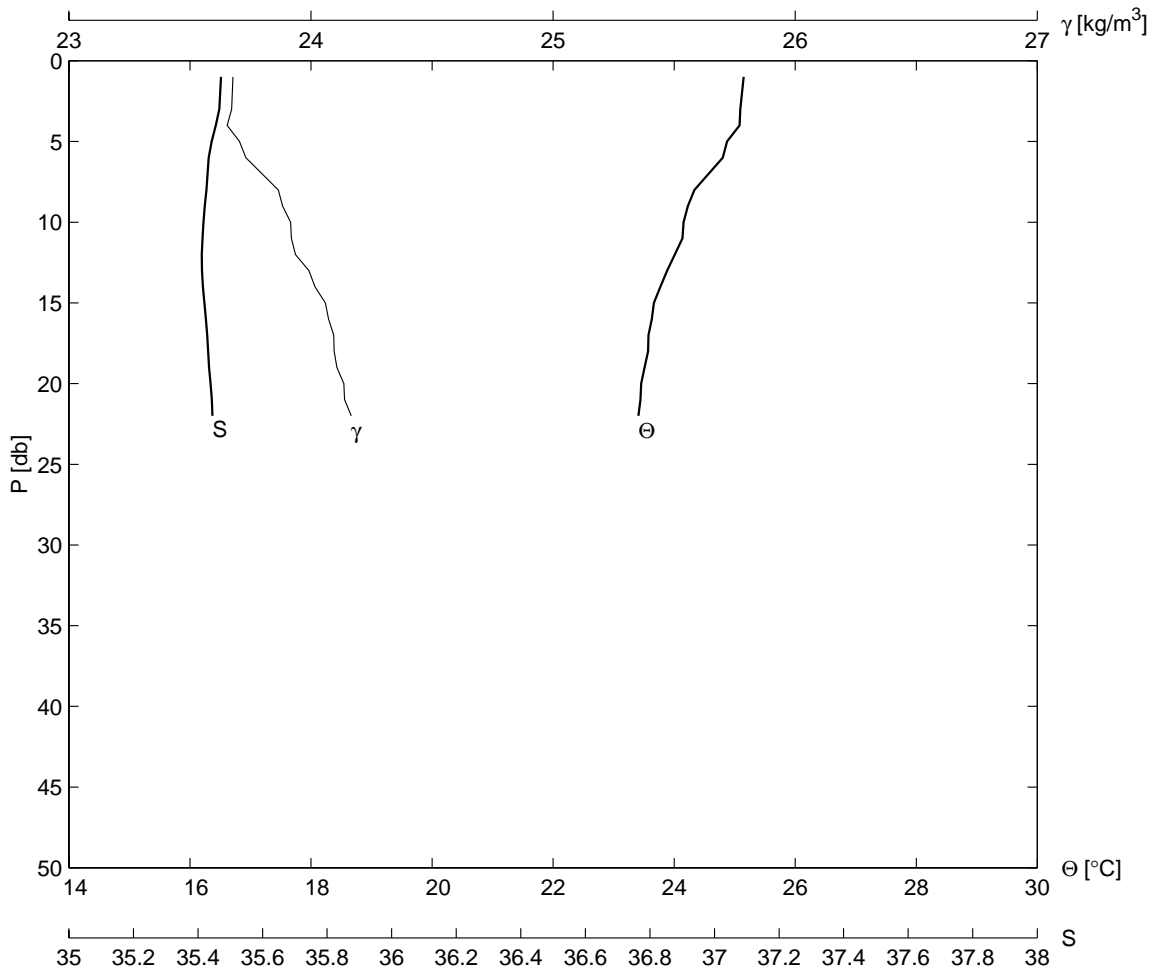
ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
F04	110	31 11.7	114 16.8	14	6	2002	1410		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
40.6	25.8	35.47	23.0	26.0	3.6	89	9	1010.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.228	35.468	23.626	99.900	9.0	24.494	35.435	23.823	99.900
3.0	25.158	35.451	23.634	99.900	10.0	24.468	35.437	23.833	99.900
4.0	25.102	35.458	23.657	99.900	15.0	23.841	35.374	23.972	99.900
5.0	25.006	35.429	23.664	99.900	20.0	22.369	35.292	24.336	99.900
6.0	24.764	35.437	23.743	99.900	25.0	20.015	35.287	24.977	99.900
8.0	24.576	35.440	23.802	99.900	30.0	19.748	35.288	25.048	99.900
35.0	19.658	35.295	25.077	99.900					



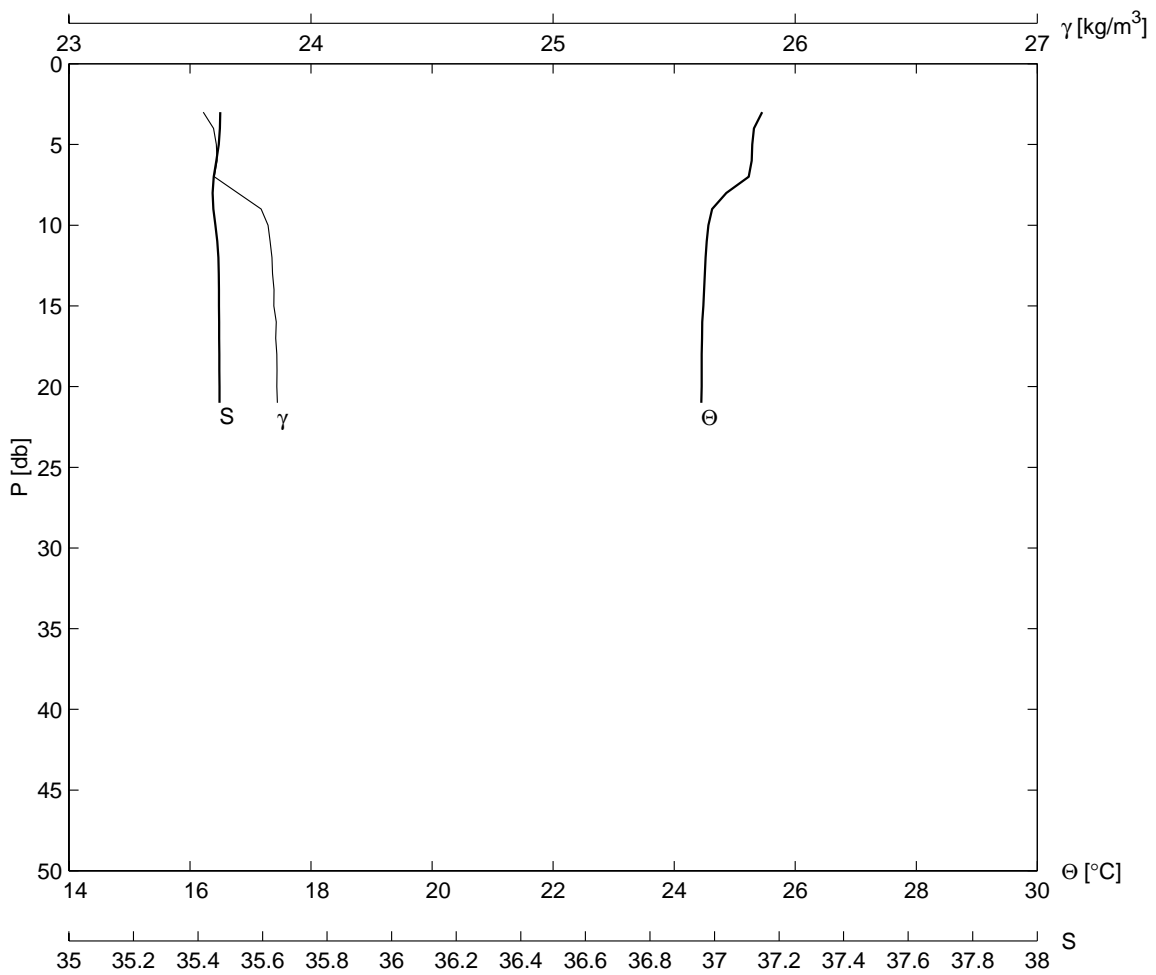
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
F03	111	31	7.1	114	25.6	14	6	2002	1540
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
38.5	25.9	35.47	23.3	26.0	3.7	166	9	1010.5	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
2.0	25.461	35.465	23.552	99.900	8.0	25.324	35.446	23.579	99.900
3.0	25.441	35.465	23.558	99.900	10.0	25.141	35.456	23.643	99.900
4.0	25.415	35.464	23.565	99.900	15.0	24.669	35.462	23.791	99.900
5.0	25.395	35.465	23.572	99.900	20.0	24.462	35.503	23.884	99.900
6.0	25.396	35.469	23.574	99.900	25.0	24.129	35.477	23.965	99.900
7.0	25.394	35.462	23.570	99.900	30.0	23.082	35.396	24.210	99.900
36.0	22.556	35.396	24.361	99.900					



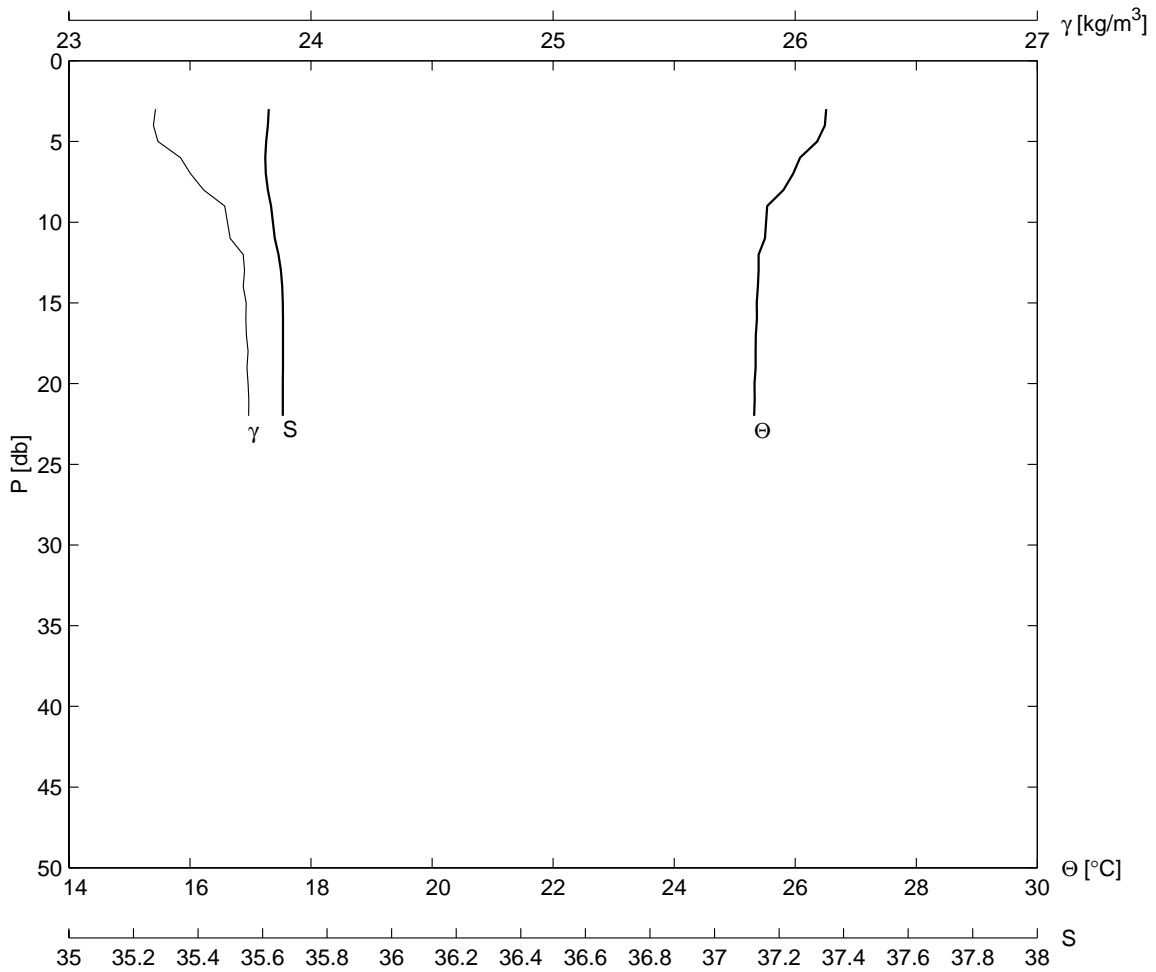
ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
F2A	112	31	4.5	114	30.2	14	6	2002	1633
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
22.0	25.6	35.51	24.0	26.1	3.4	159	9	1011.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
3.0	25.093	35.476	23.672	99.900	9.0	24.226	35.408	23.883	99.900
4.0	25.079	35.446	23.654	99.900	10.0	24.157	35.424	23.916	99.900
5.0	24.874	35.430	23.705	99.900	15.0	23.667	35.422	24.060	99.900
6.0	24.803	35.437	23.731	99.900	20.0	23.457	35.442	24.136	99.900
8.0	24.335	35.427	23.865	99.900	22.0	23.410	35.464	24.166	99.900



ESTACION	LANCE	LATITUD		LONGITUD		DD	MM	AA	H[UT]
F02	113	31	2.7	114	34.7	14	6	2002	1719
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
21.3	26.0	35.47	24.7	27.7	2.3	115	9	1010.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
3.0	25.455	35.468	23.555	99.900	8.0	24.861	35.416	23.698	99.900
4.0	25.319	35.468	23.598	99.900	9.0	24.628	35.450	23.794	99.900
5.0	25.292	35.473	23.609	99.900	10.0	24.565	35.462	23.823	99.900
6.0	25.283	35.473	23.612	99.900	15.0	24.483	35.462	23.847	99.900
7.0	25.232	35.437	23.601	99.900	20.0	24.454	35.466	23.859	99.900
21.0	24.450	35.468	23.862	99.900					



ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
FlA	114	31 0.6	114 38.9	14	6	2002	1803		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
22.0	26.6	35.64	24.8	27.2	4.1	146	9	1010.5	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
3.0	26.512	35.643	23.358	99.900	8.0	25.807	35.614	23.557	99.900
4.0	26.490	35.623	23.350	99.900	9.0	25.538	35.619	23.644	99.900
5.0	26.365	35.595	23.368	99.900	15.0	25.364	35.665	23.733	99.900
6.0	26.079	35.599	23.461	99.900	20.0	25.328	35.661	23.740	99.900
7.0	25.966	35.608	23.503	99.900	22.0	25.322	35.661	23.743	99.900



ESTACION	LANCE	LATITUD	LONGITUD	DD	MM	AA	H[UT]		
F01	115	30 58.4	114 42.9	14	6	2002	1850		
PROFTOT	TEMSUP	SALSUP	TEBUHU	TEBUSE	V-MAG	DIR	NUBES	BAROM	
[m]	[°C]	[ups]	[°C]	[°C]	[m/s]	[AZM]	[1/8]	[bar]	
27.0	27.7	36.08	25.5	27.8	3.8	89	9	1011.0	
PR	Θ	SA	γ	OX	PR	Θ	SA	γ	OX
[db]	[°C]		[kg/m ³]	[ml/l]	[db]	[°C]		[kg/m ³]	[ml/l]
3.0	27.627	36.077	23.326	99.900	9.0	26.838	36.066	23.572	99.900
4.0	27.582	36.068	23.335	99.900	10.0	26.793	36.072	23.592	99.900
5.0	27.401	36.050	23.379	99.900	15.0	26.572	36.205	23.762	99.900
6.0	27.111	36.071	23.489	99.900	20.0	26.824	36.363	23.801	99.900
7.0	26.966	36.085	23.546	99.900	25.0	27.047	36.462	23.804	99.900
8.0	26.890	36.077	23.564	99.900	27.0	27.012	36.450	23.807	99.900

