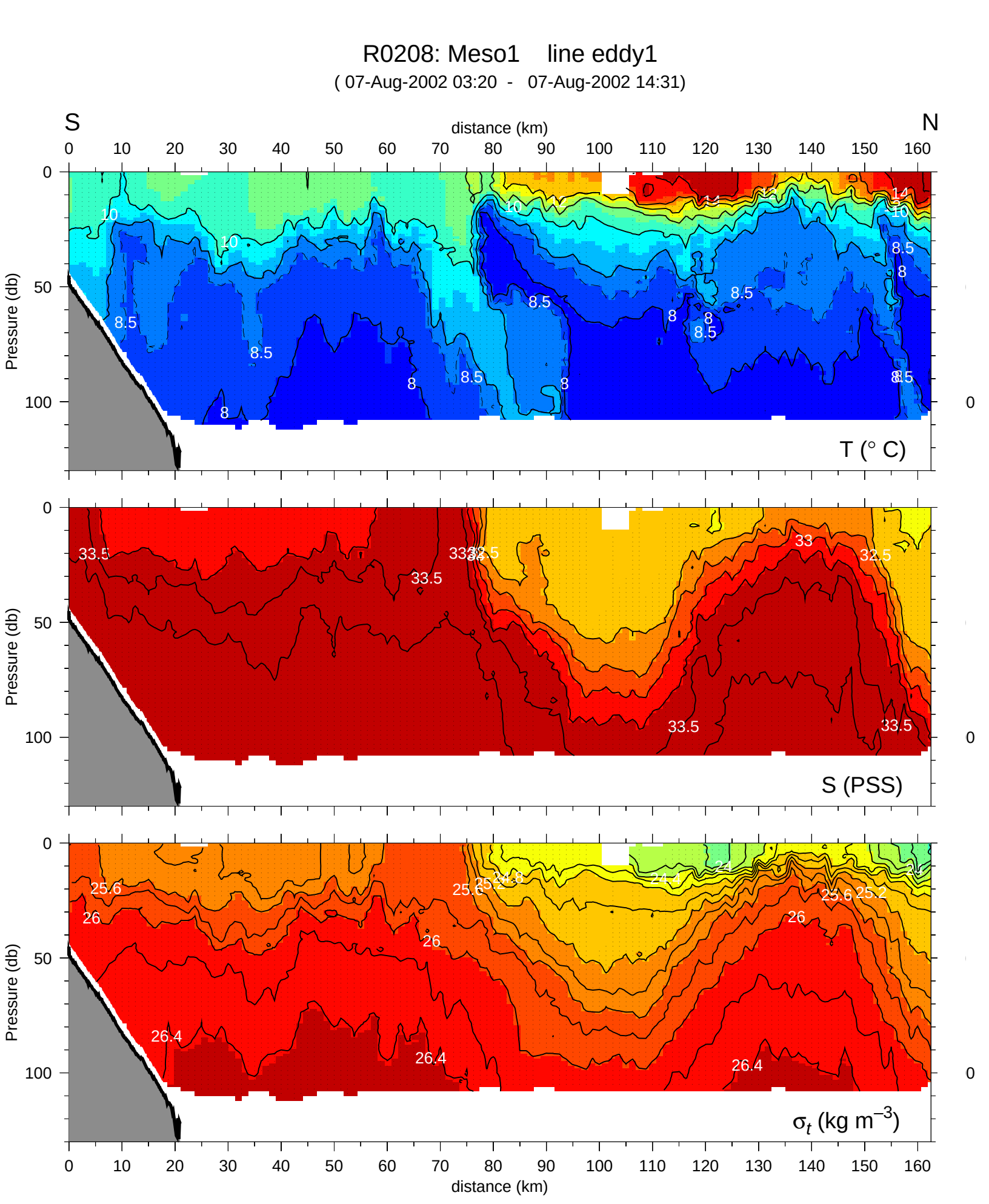
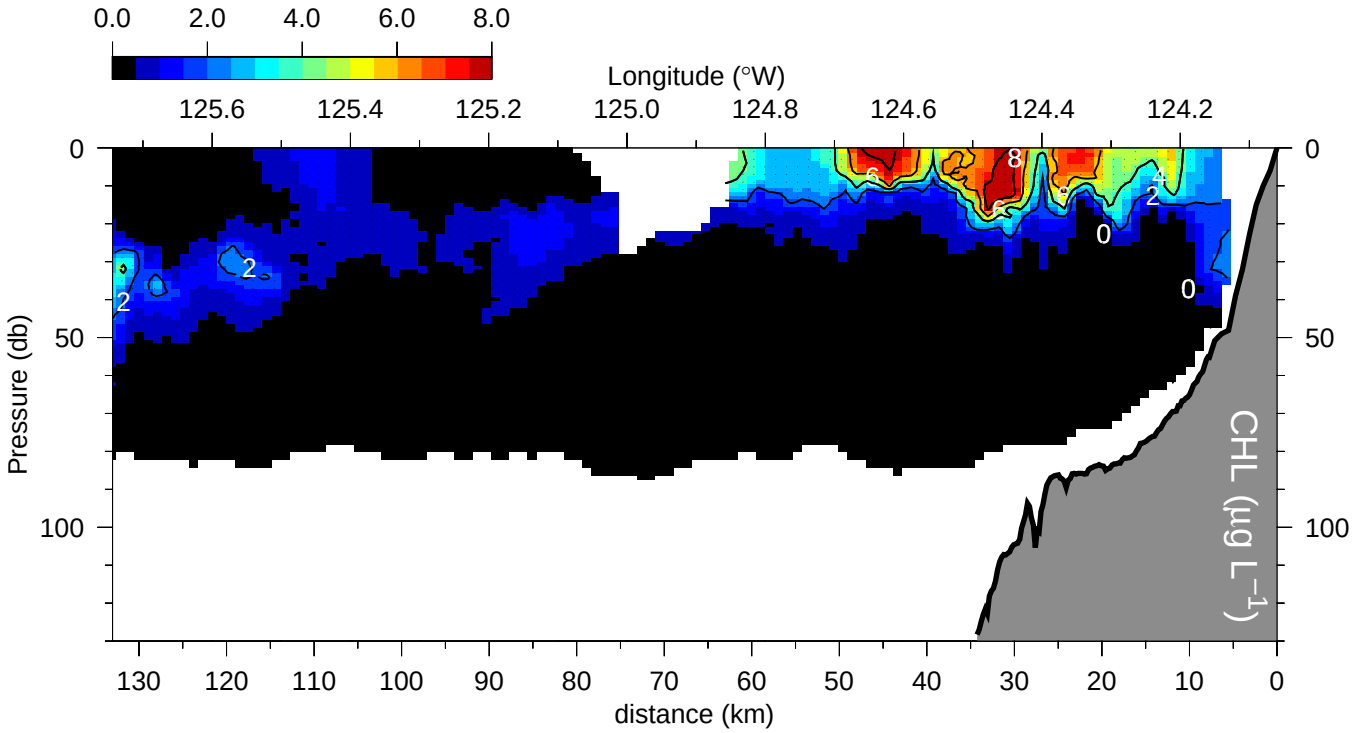
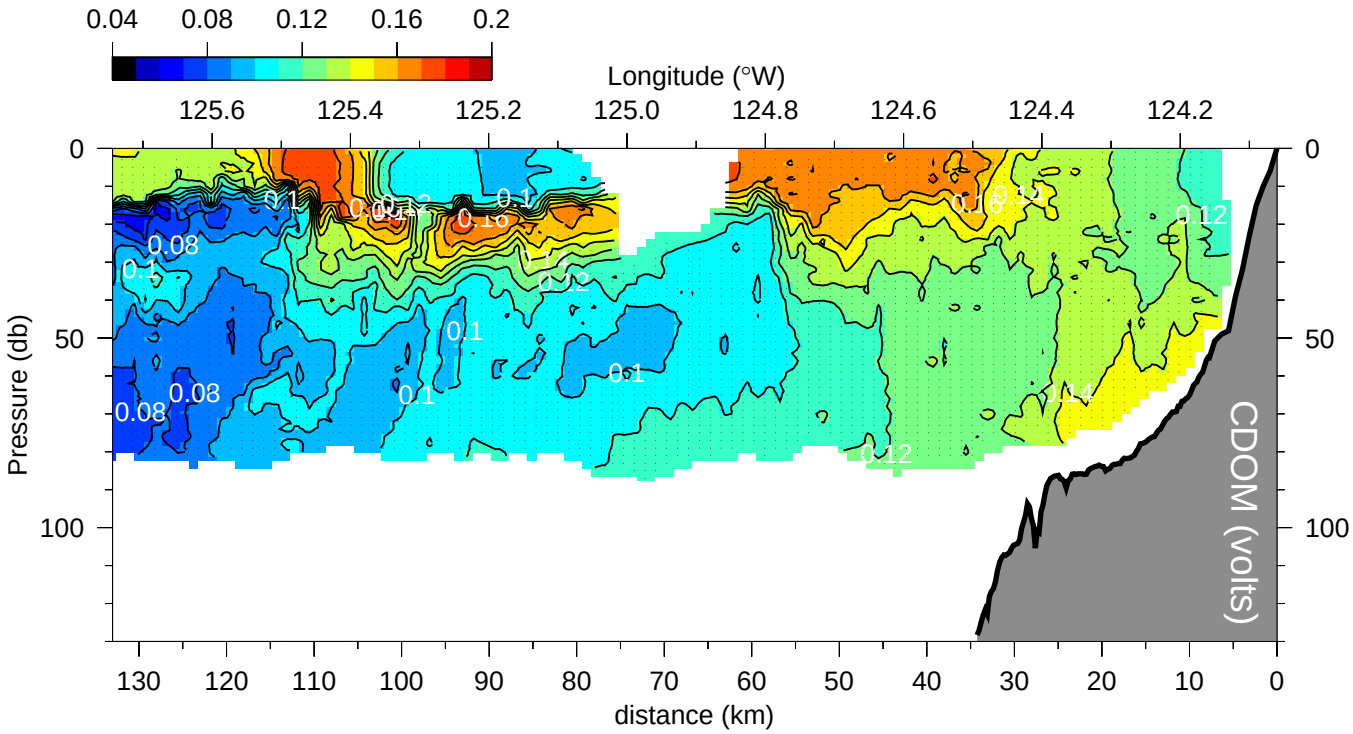

R0208: Meso1 line eddy1
(07-Aug-2002 03:20 - 07-Aug-2002 14:31)
S
N
distance (km)
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160
Pressure (db)
0
50
100
T (° C)
S (PSS)
σ_t (kg m^{-3})

R0208: Meso1 line 1

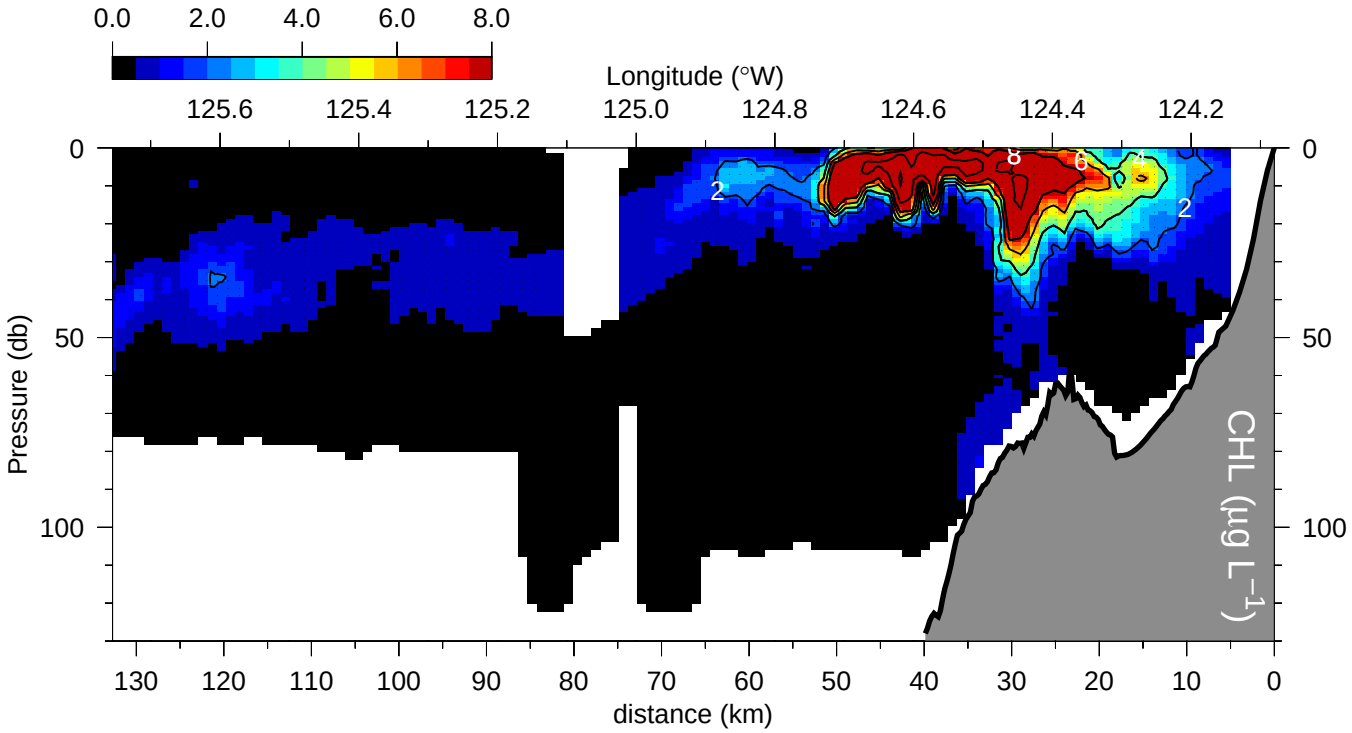
line 1 at 44.652 °N (01-Aug-2002 03:06 - 01-Aug-2002 12:07)

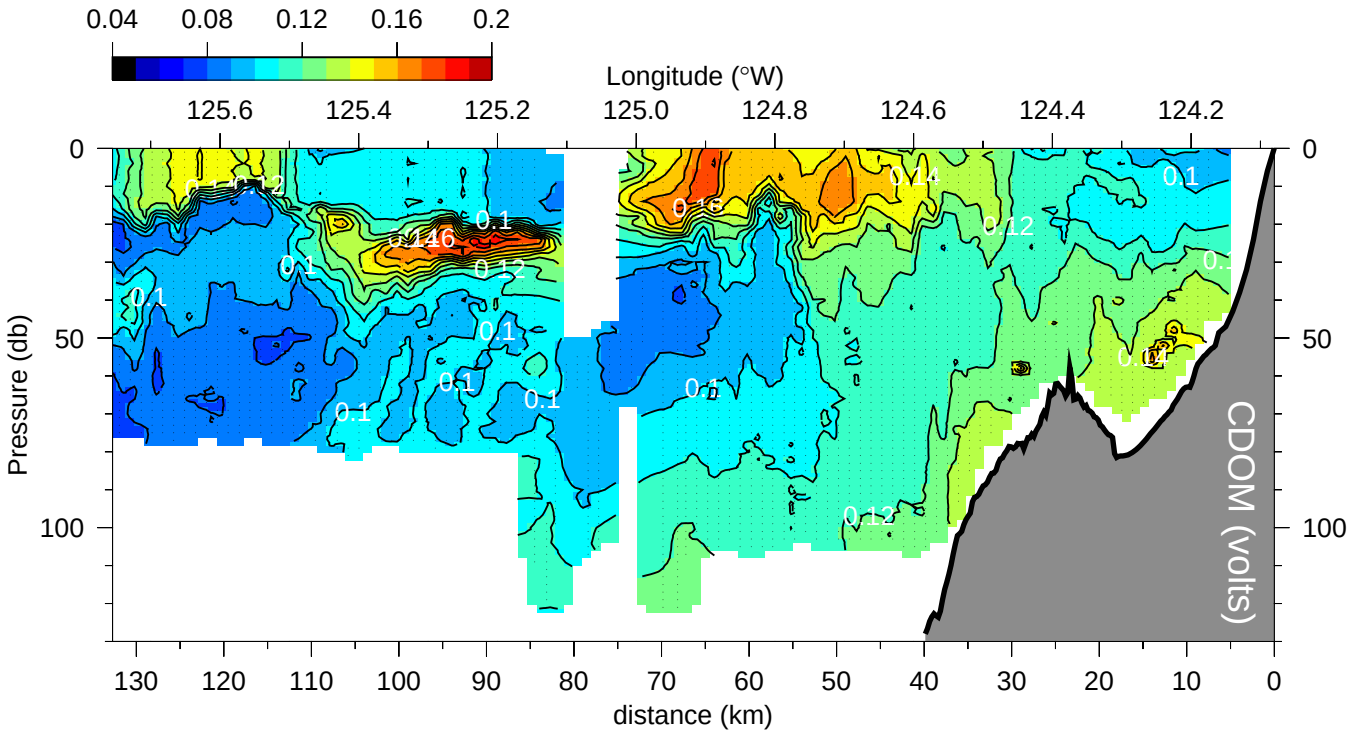




R0208: Meso1 line 2

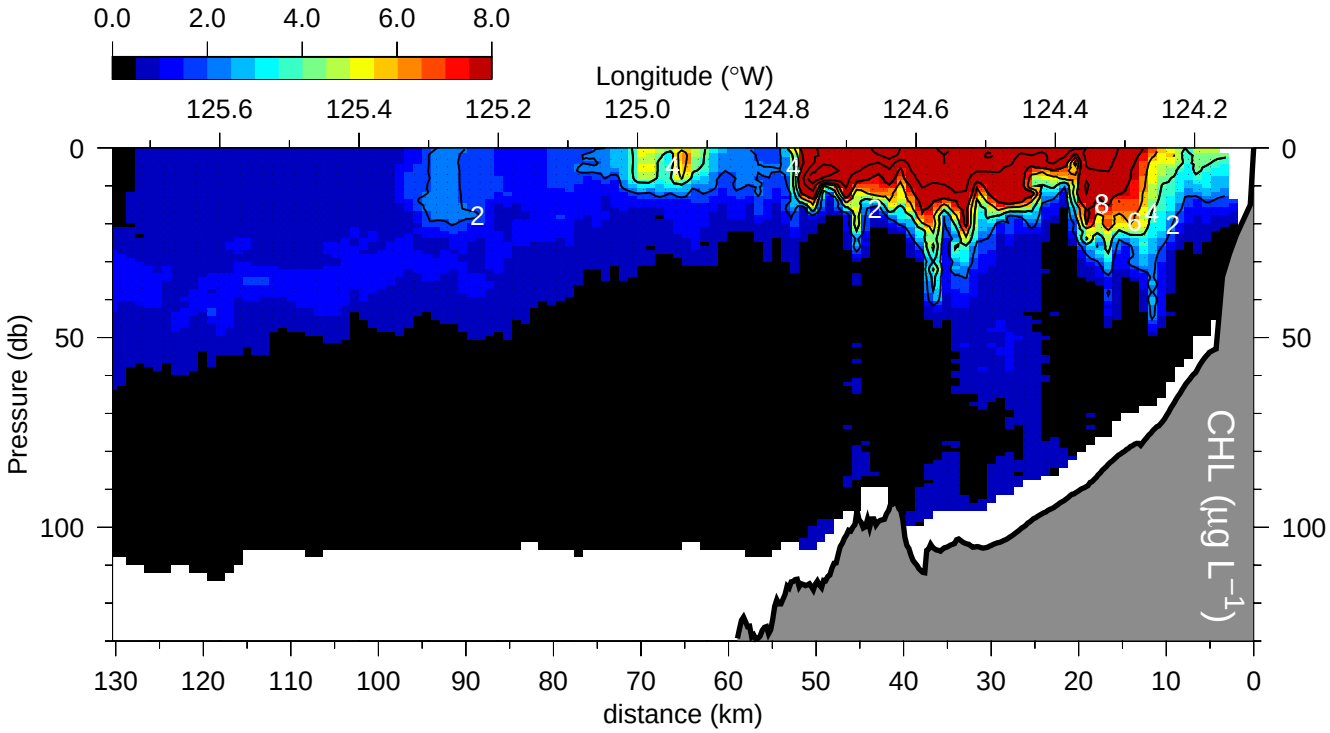
line 2 at 44.475 °N (01-Aug-2002 13:29 - 02-Aug-2002 00:42)

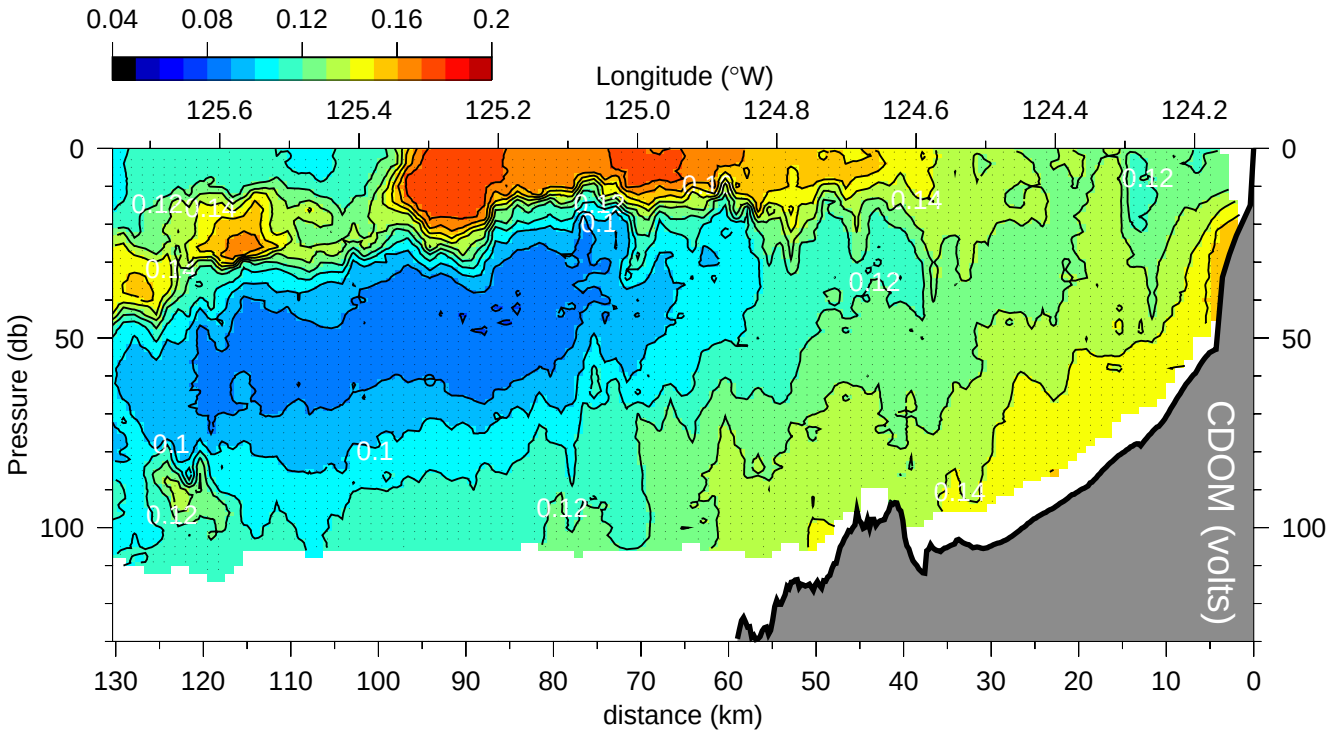




R0208: Meso1 line 3

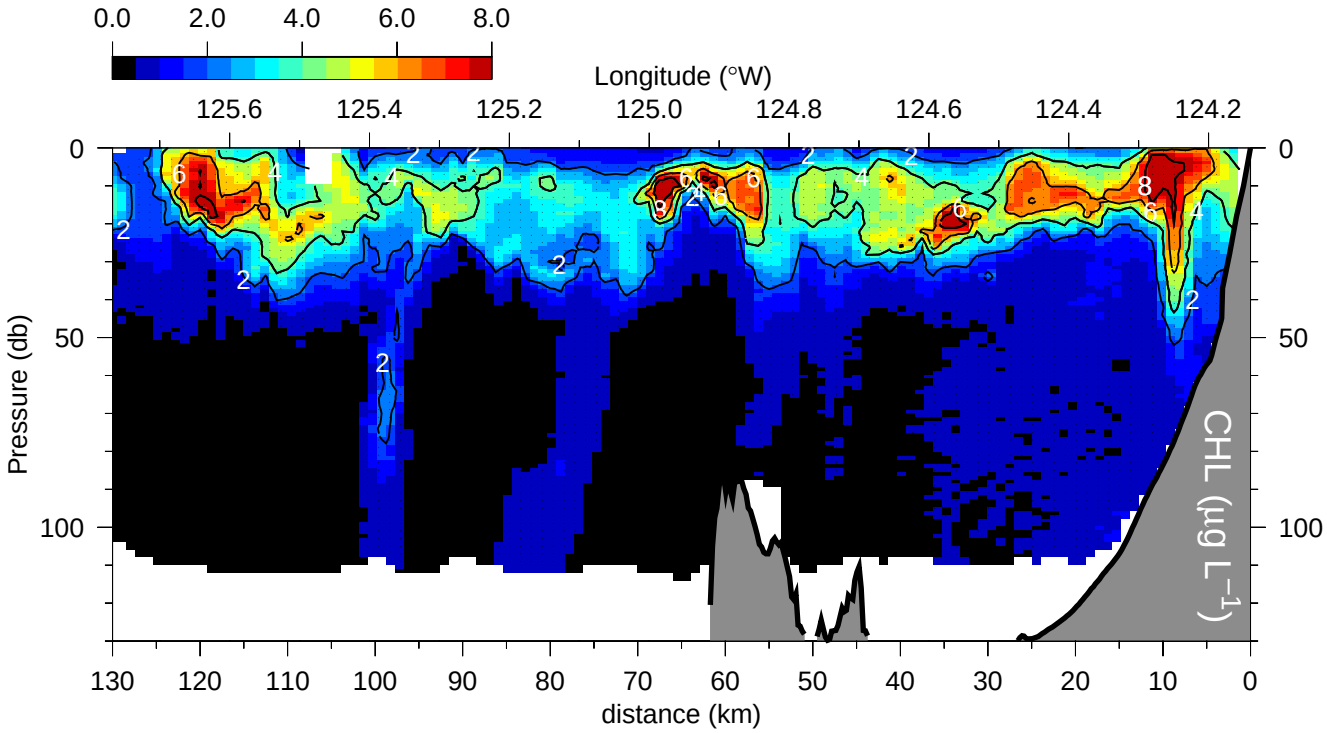
line 3 at 44.247 °N (02-Aug-2002 03:15 - 02-Aug-2002 12:11)

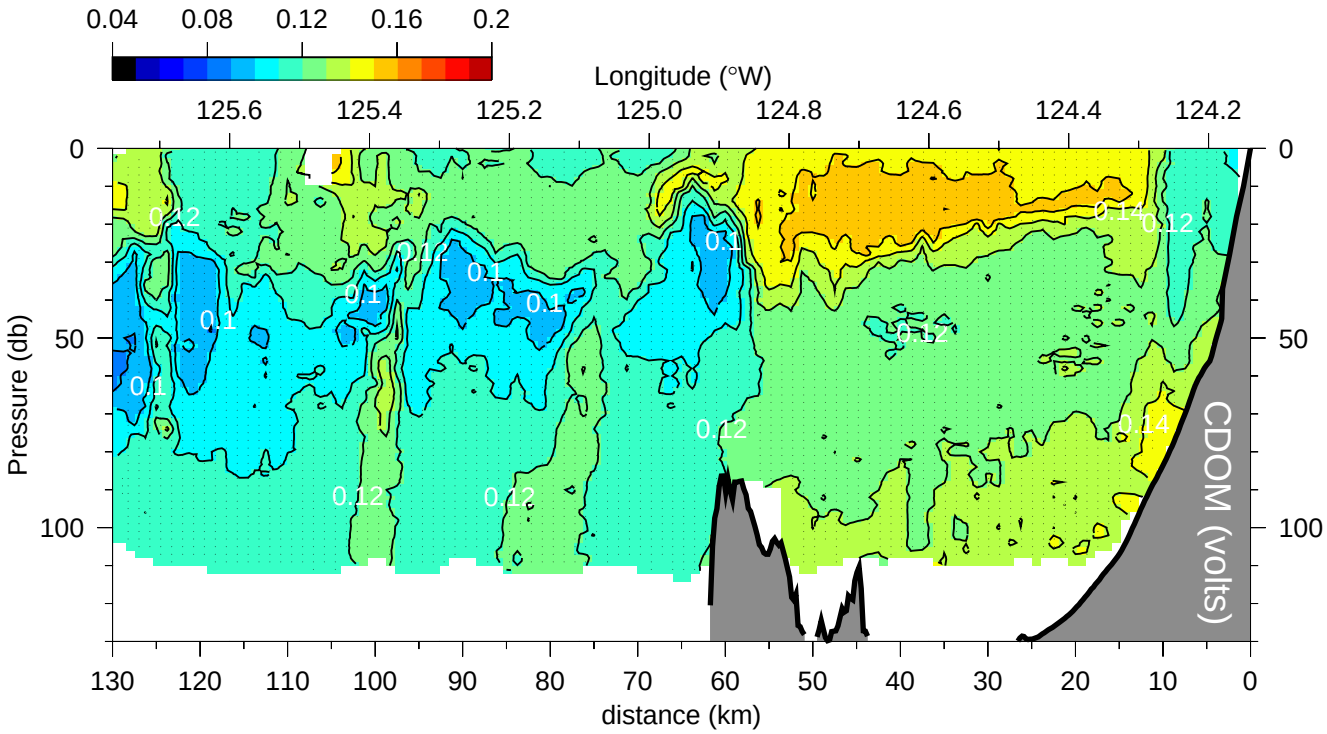




R0208: Meso1 line 4

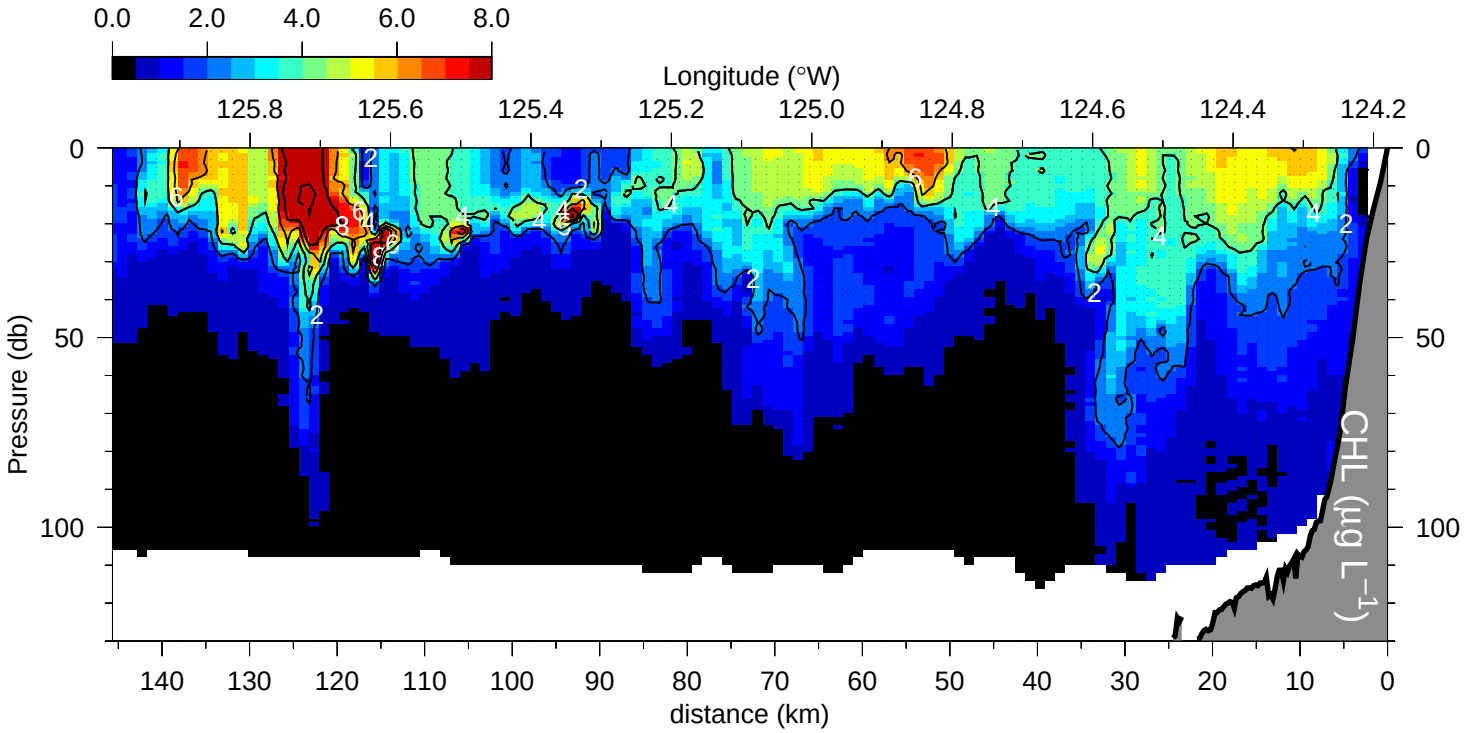
line 4 at 44.000 °N (02-Aug-2002 14:03 - 03-Aug-2002 00:23)

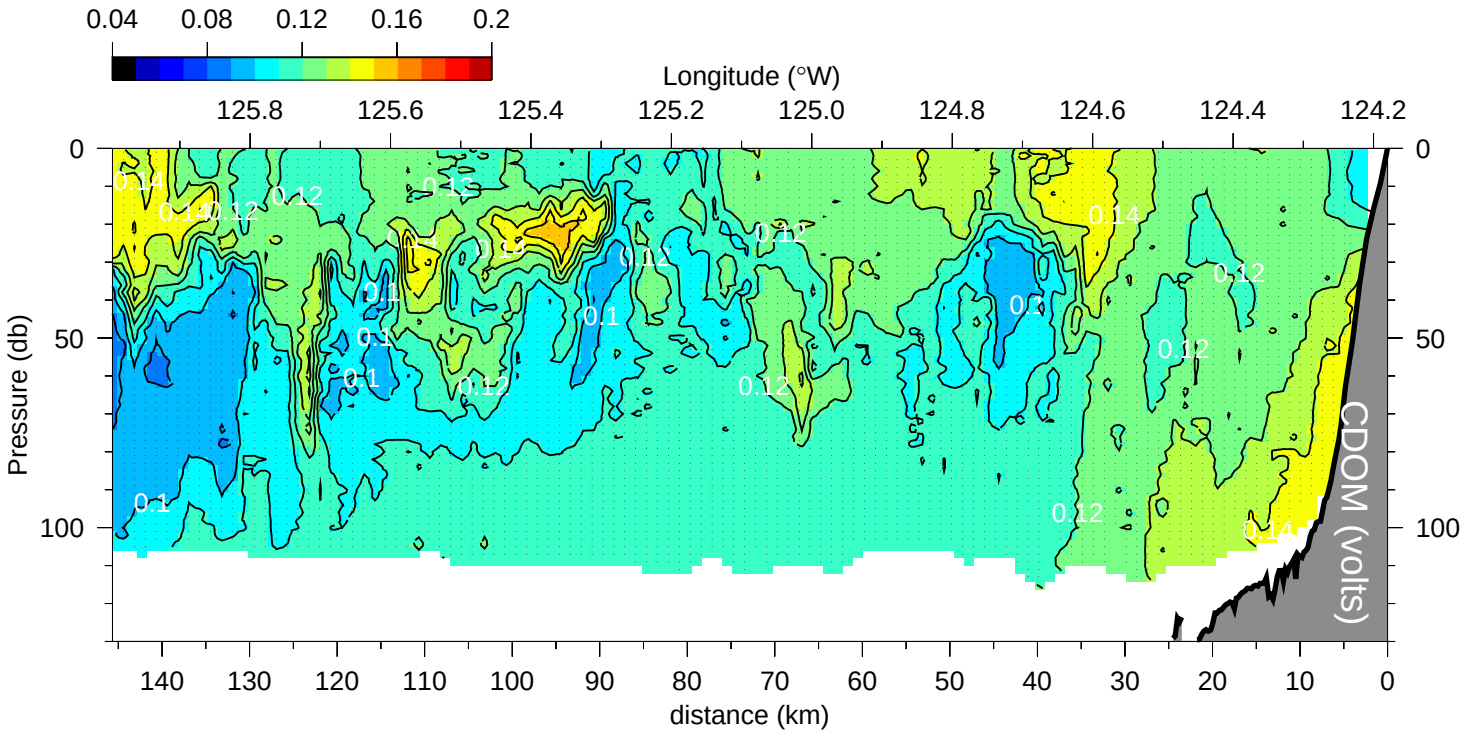




R0208: Meso1 line 5

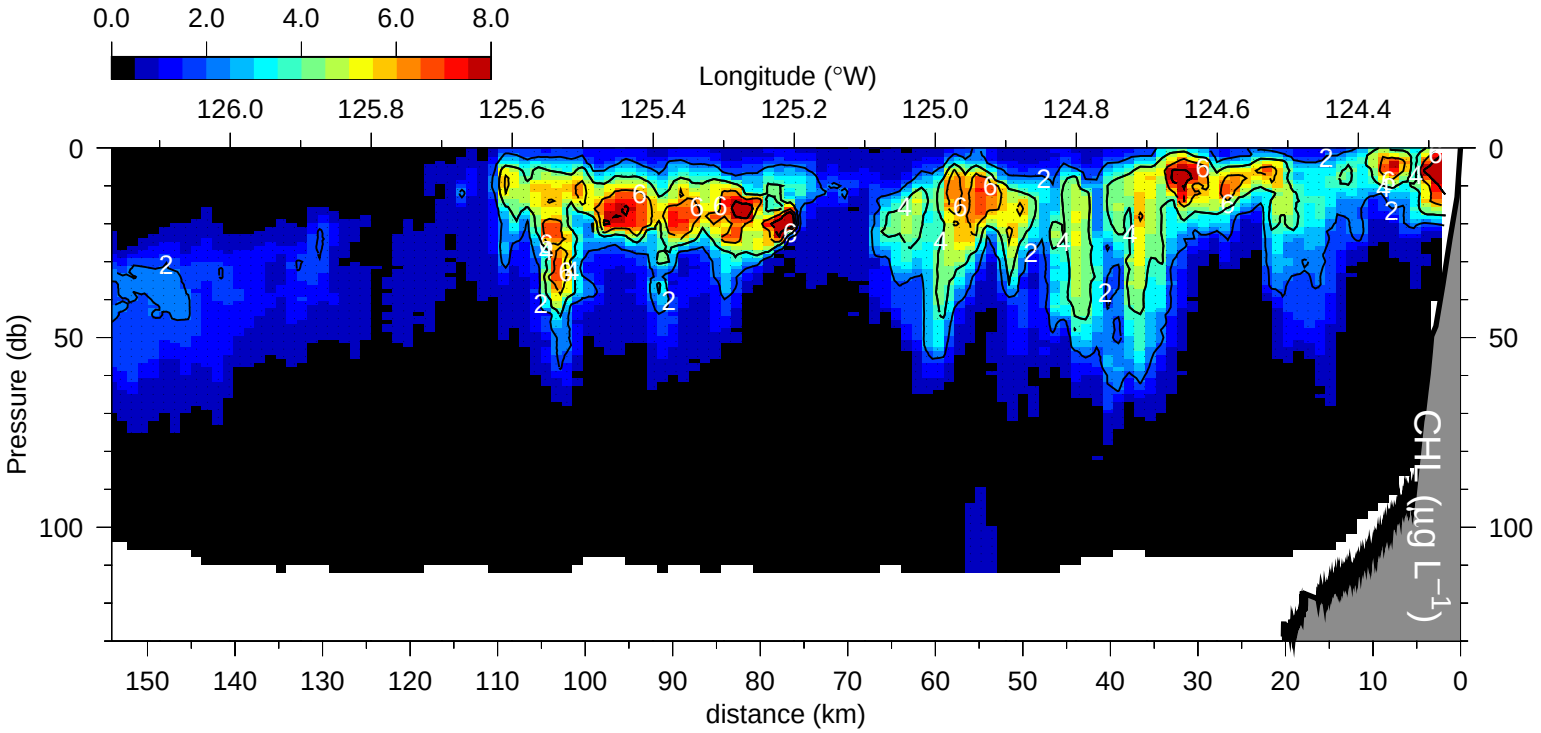
line 5 at 43.750 °N (03-Aug-2002 02:30 - 03-Aug-2002 12:11)

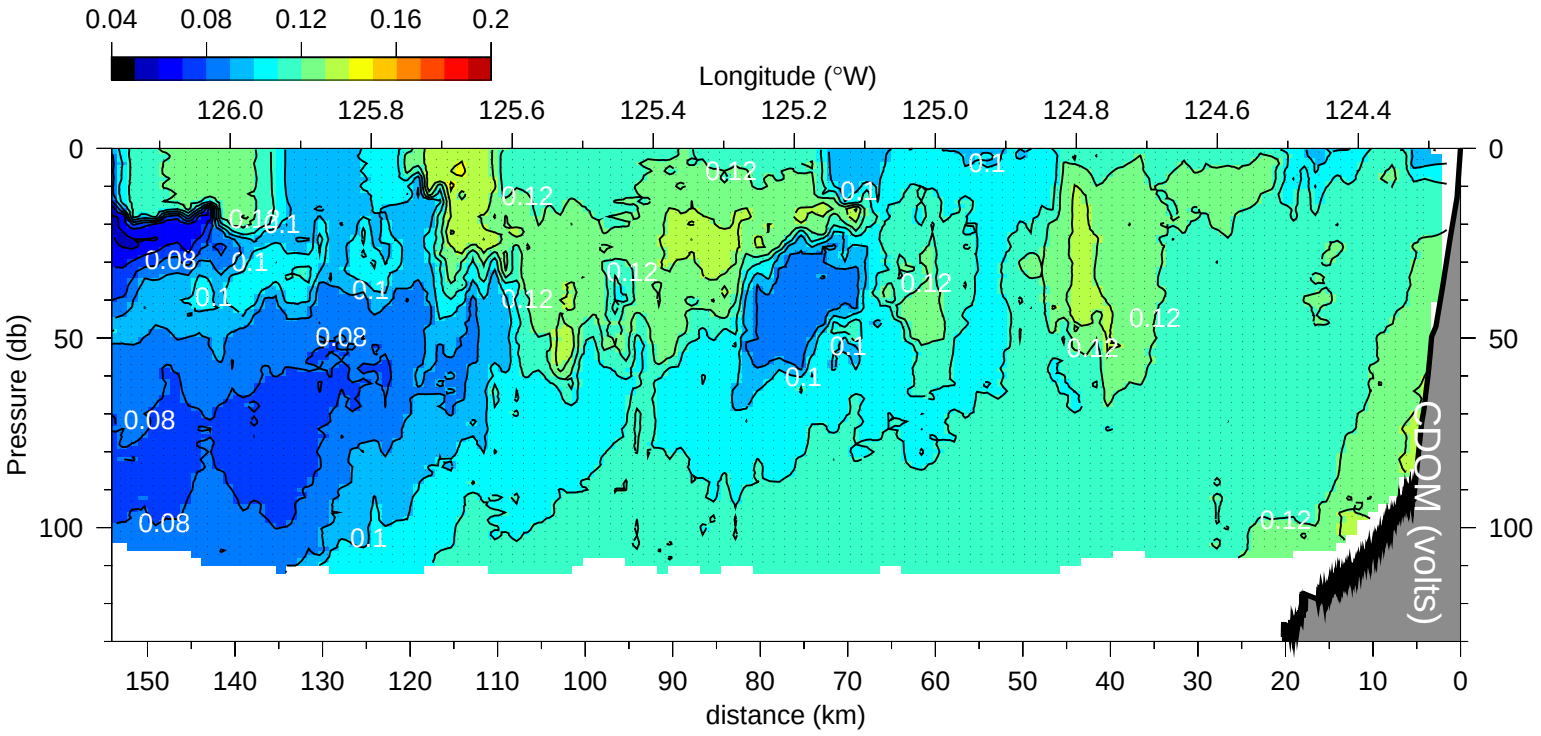




R0208: Meso1 line 6

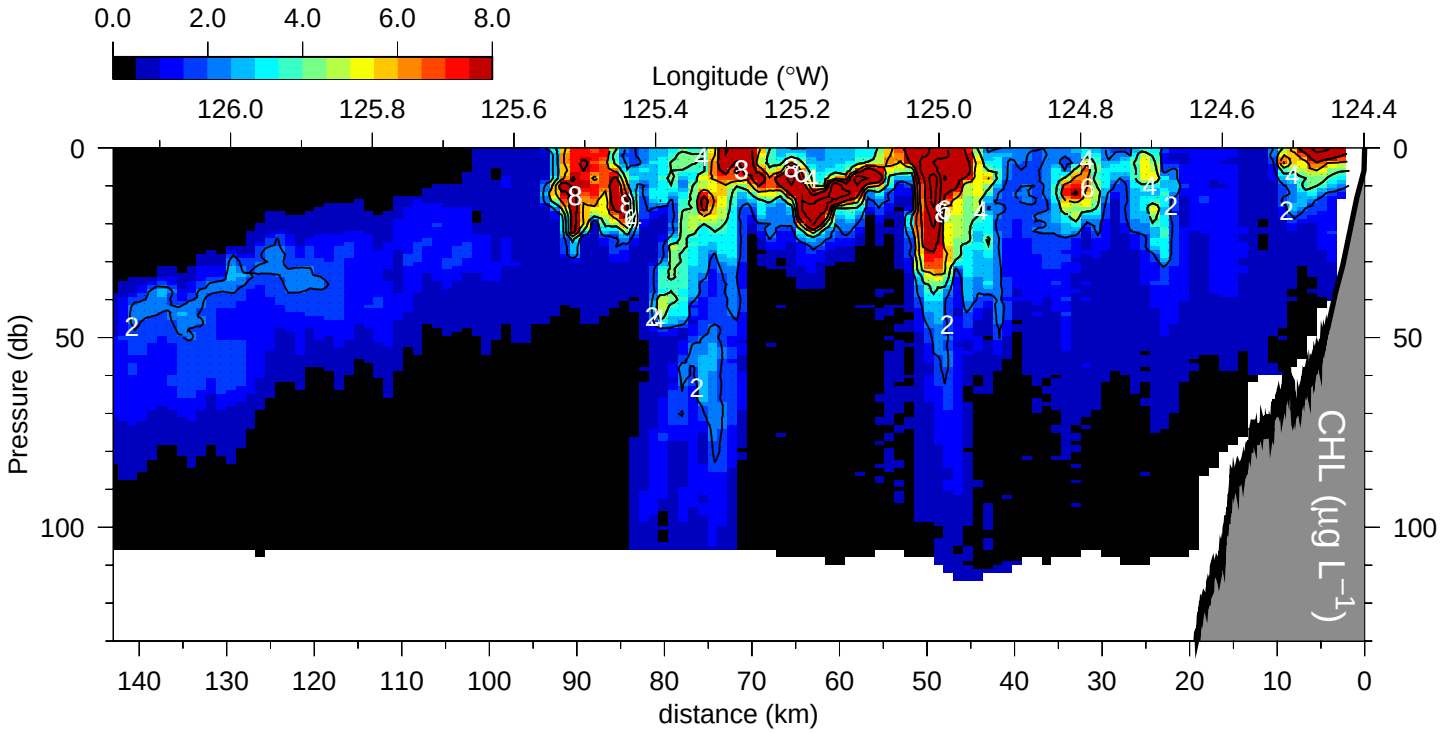
line 6 at 43.500 °N (03-Aug-2002 14:21 - 04-Aug-2002 00:32)

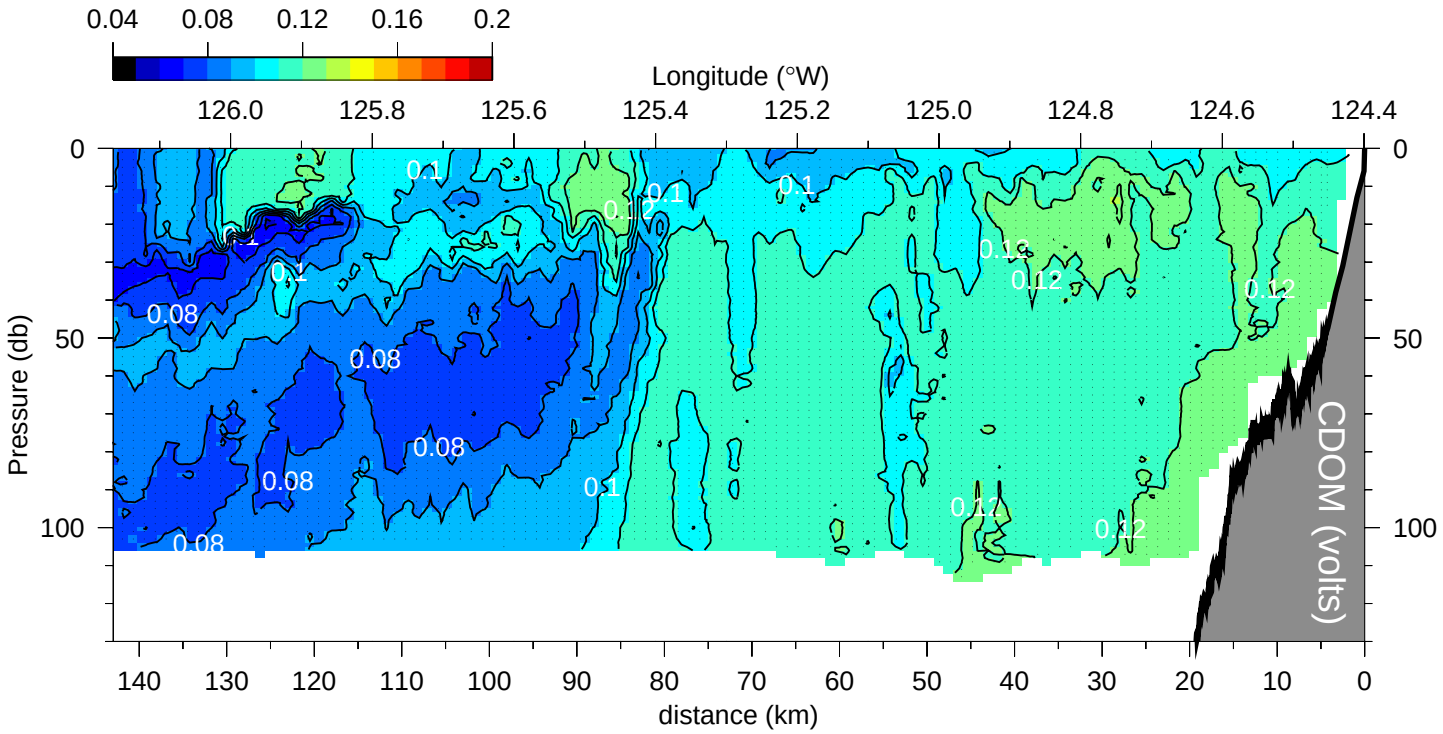




R0208: Meso1 line 7

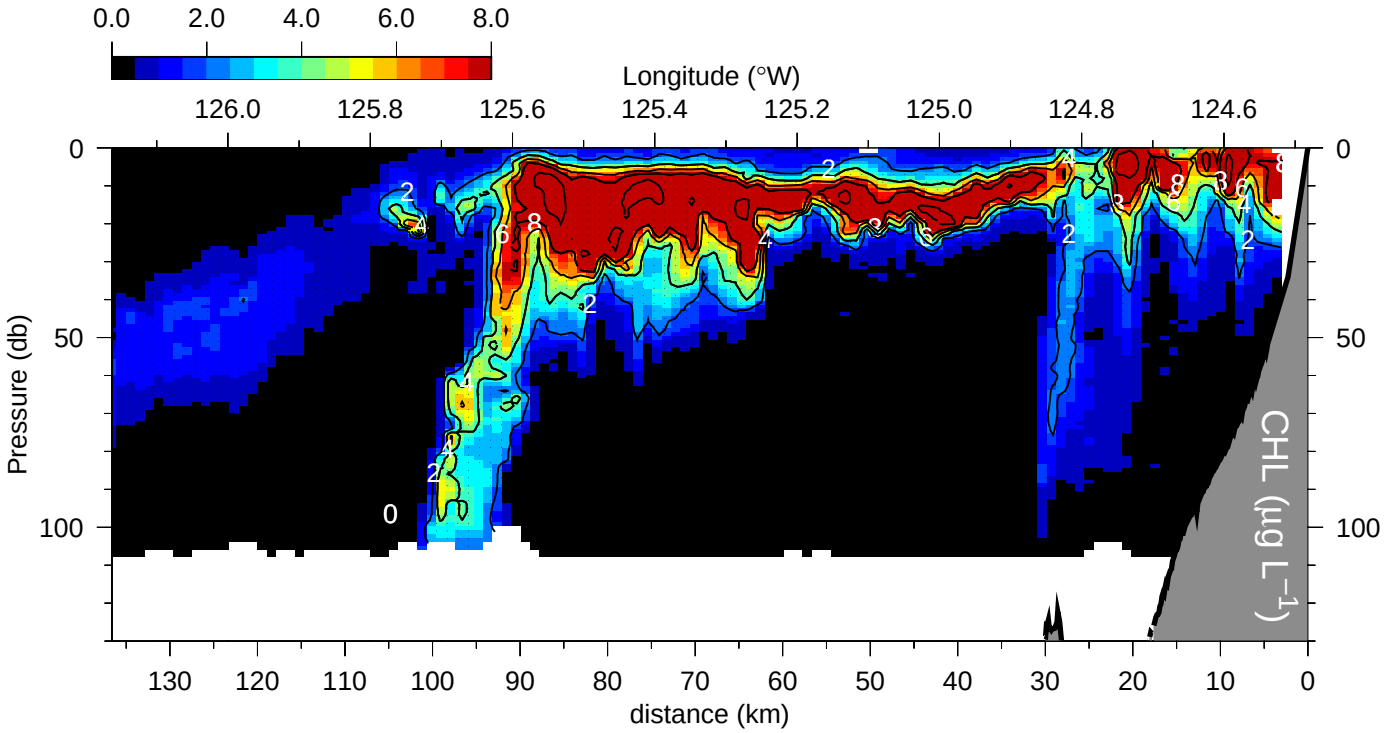
line 7 at 43.217 °N (04-Aug-2002 03:03 - 04-Aug-2002 13:27)

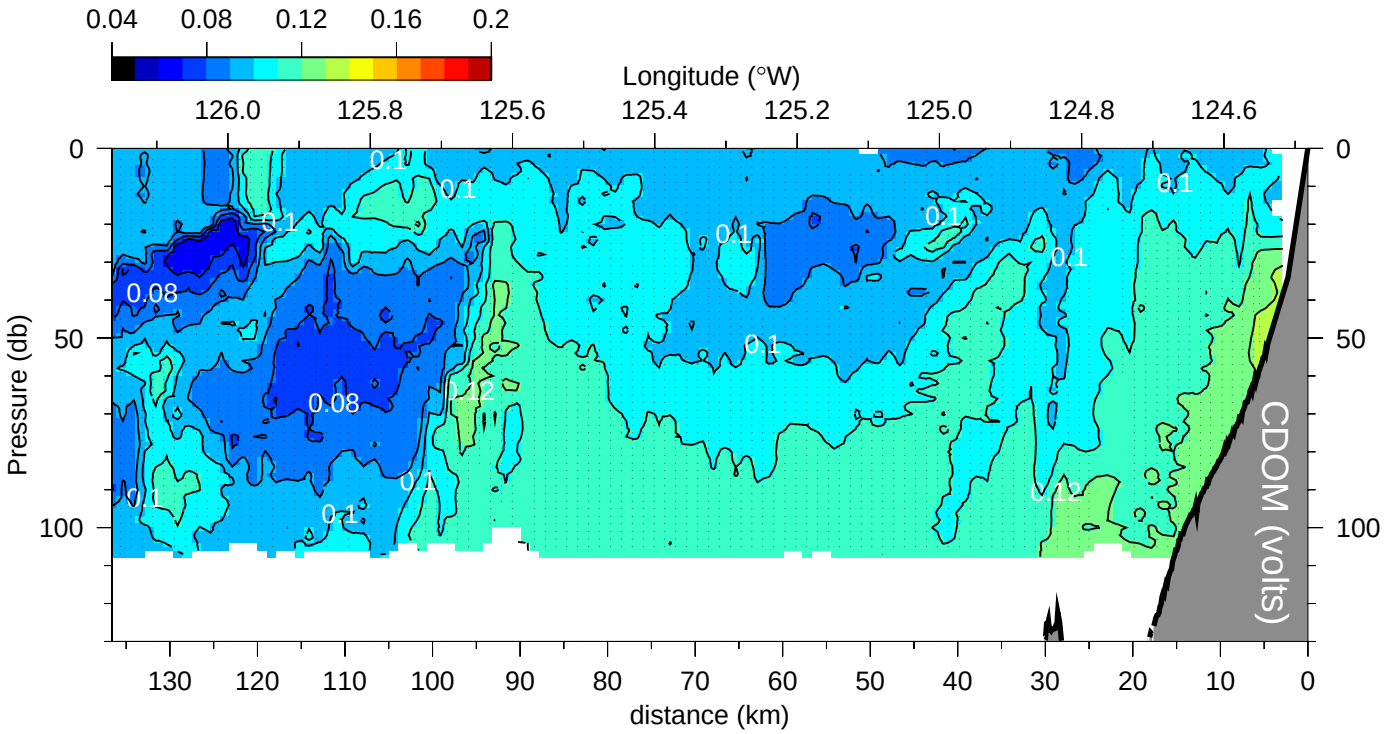




R0208: Meso1 line 8

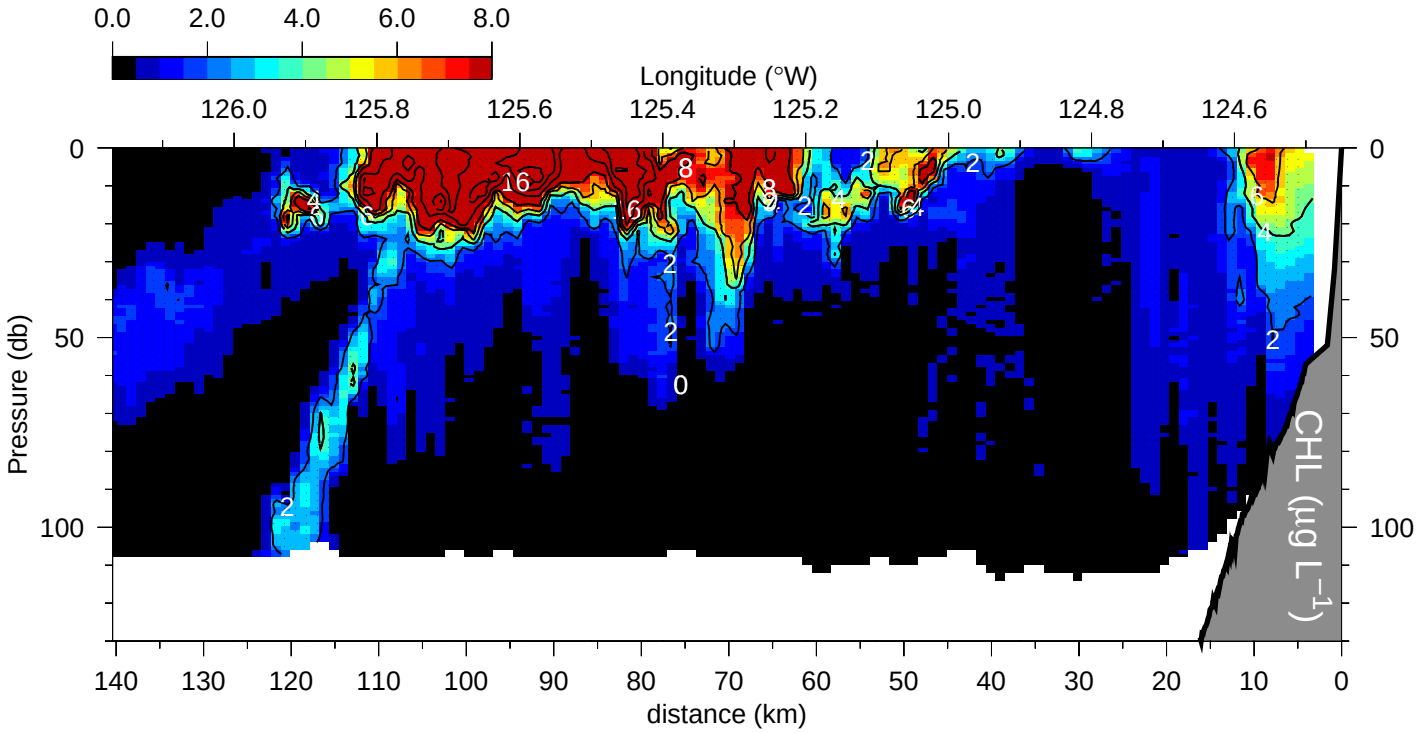
line 8 at 42.952 °N (04-Aug-2002 15:29 - 05-Aug-2002 00:38)

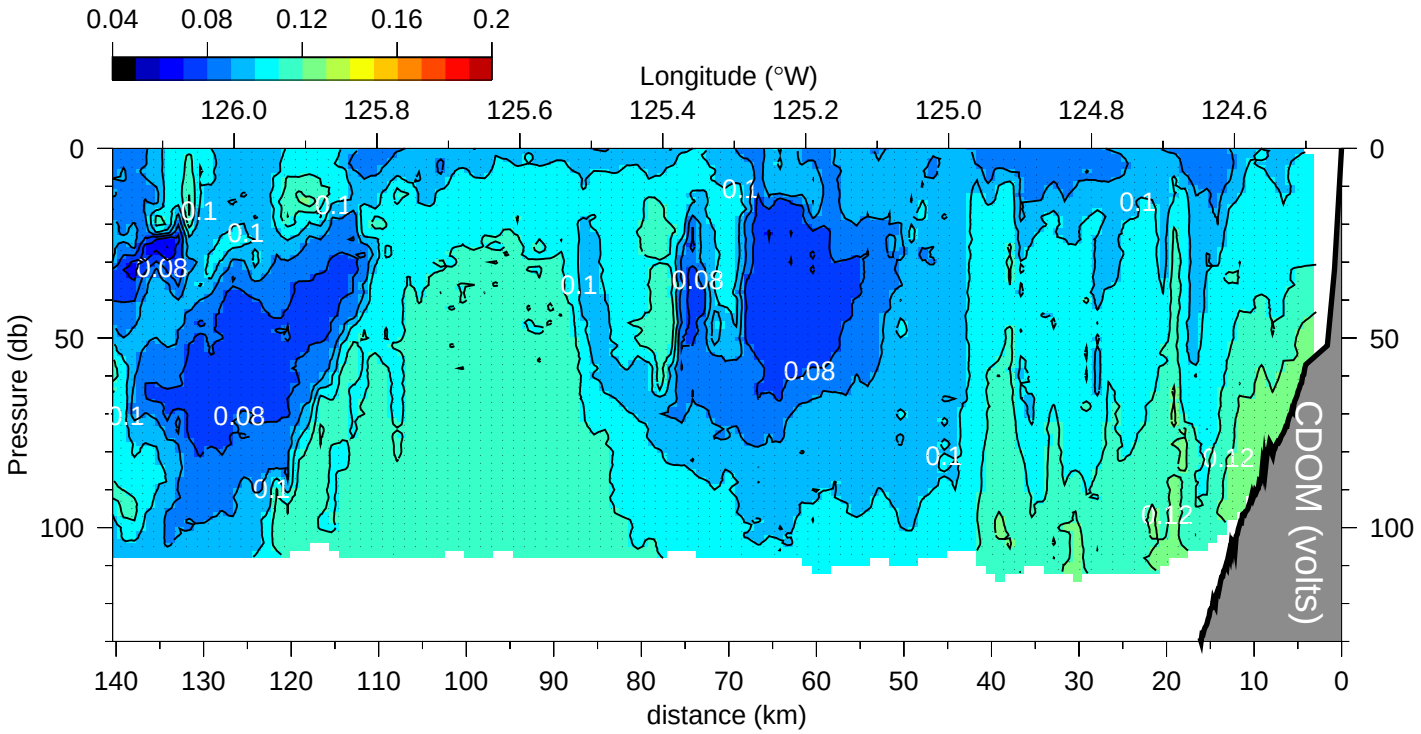




R0208: Meso1 line 9

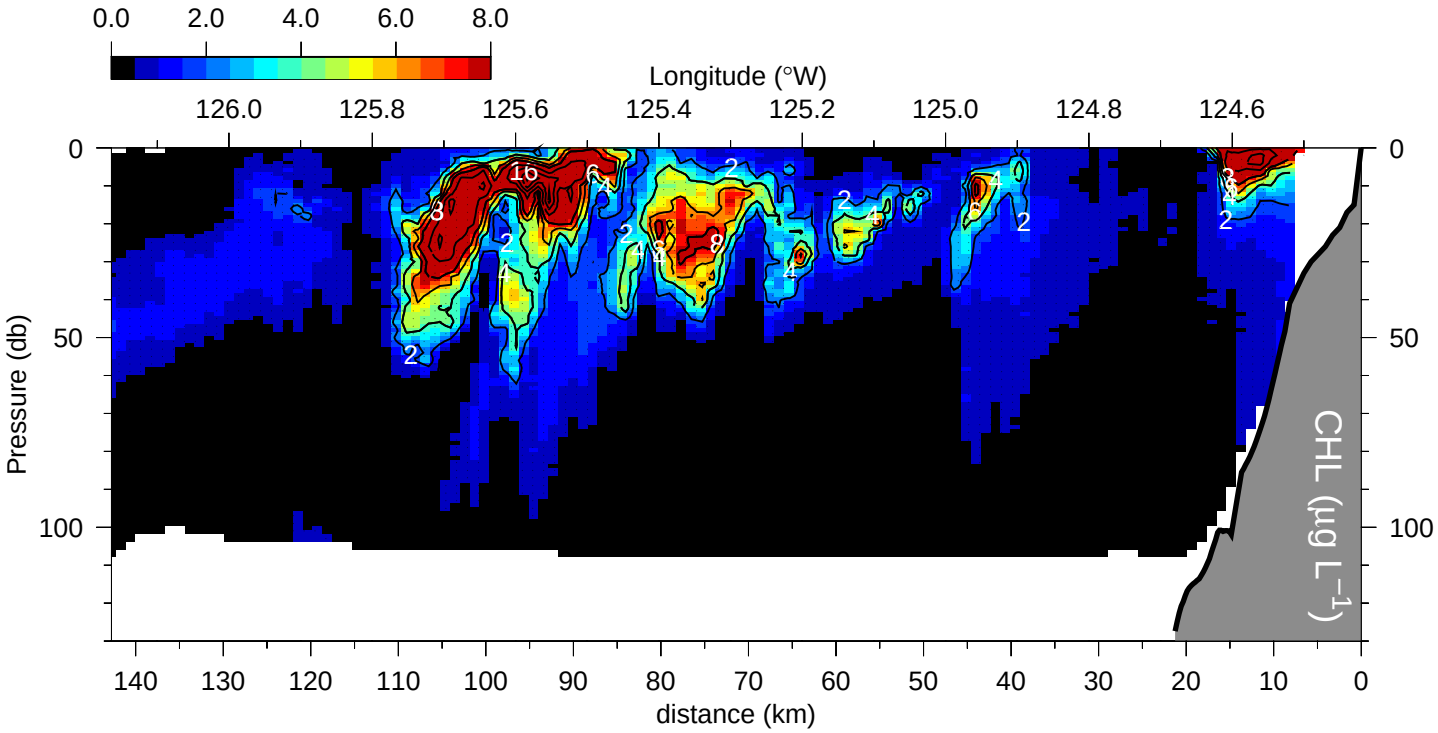
line 9 at 42.683 °N (05-Aug-2002 03:53 - 05-Aug-2002 13:53)

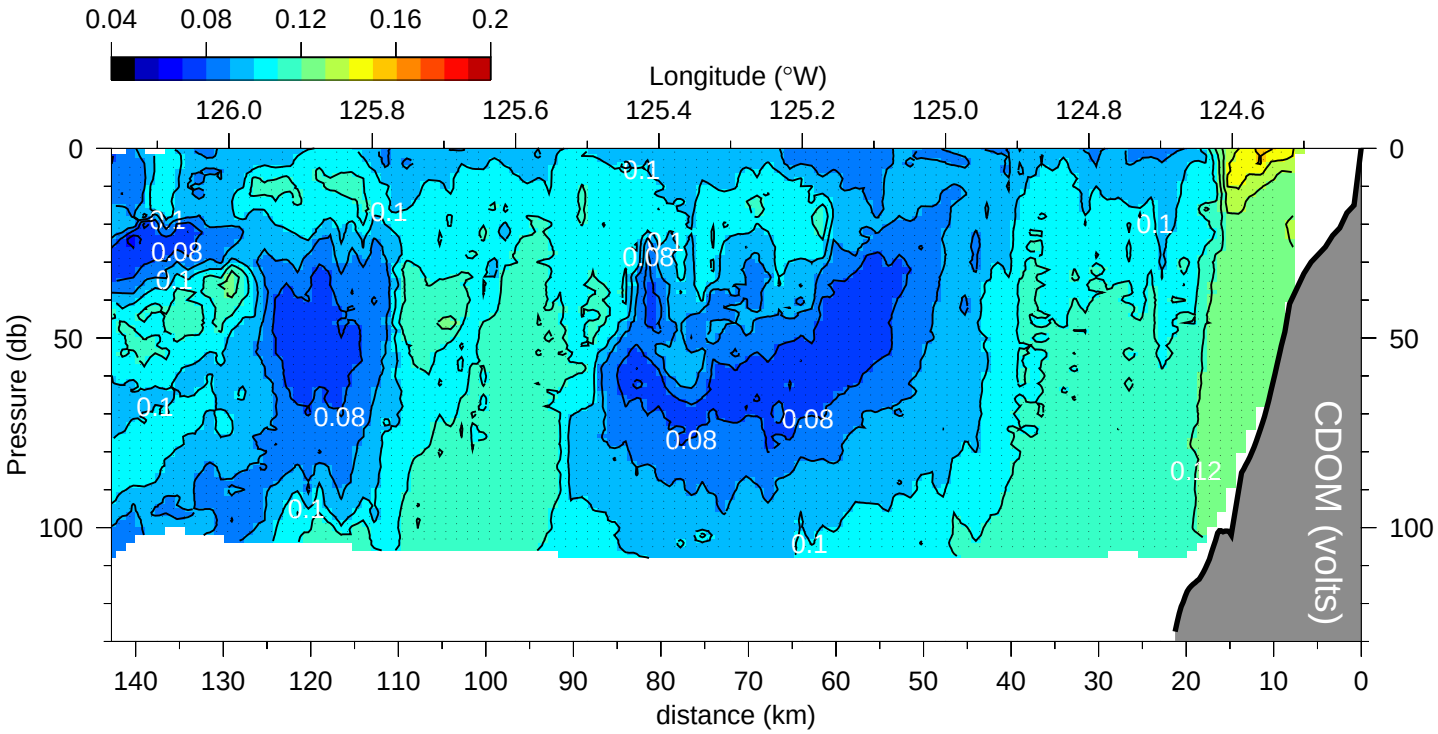




R0208: Meso1 line 10

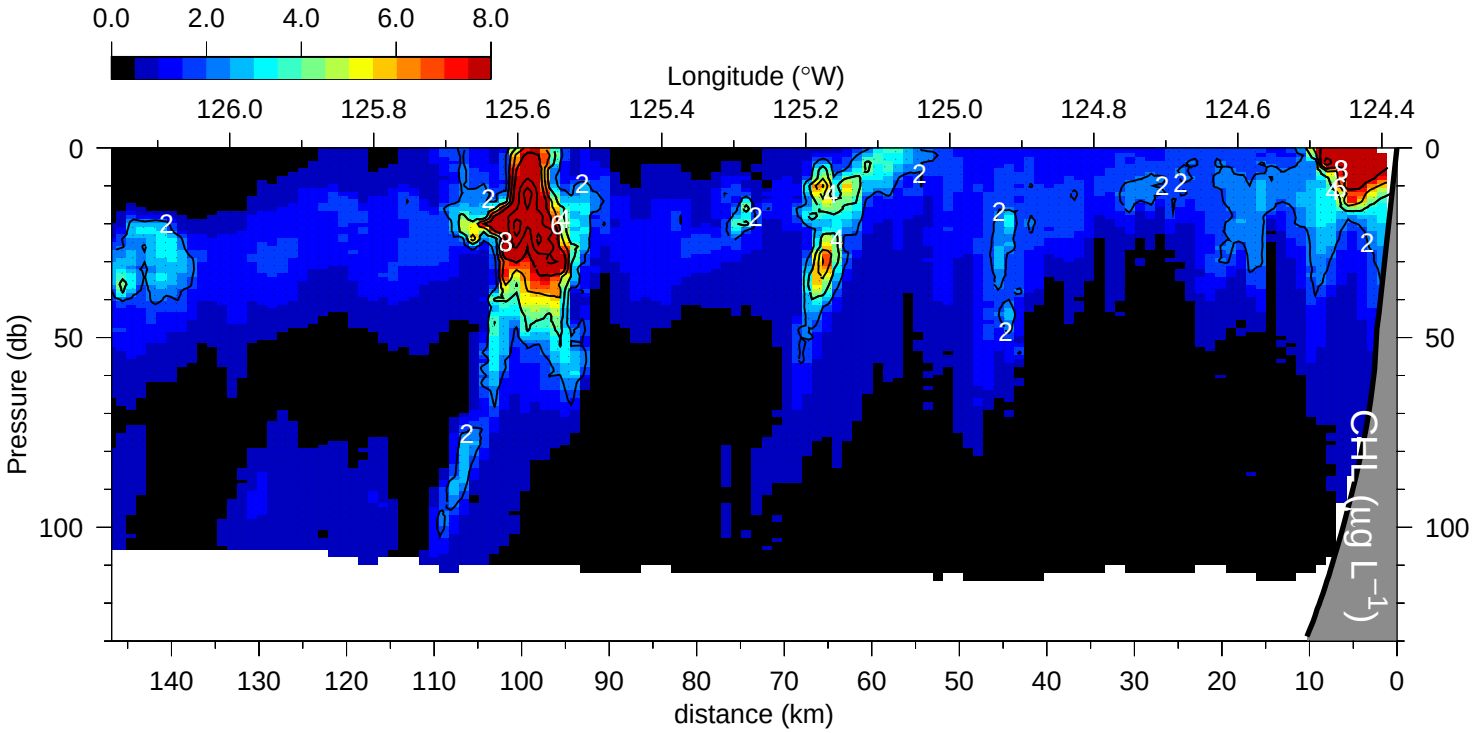
line 10 at 42.501 °N (05-Aug-2002 15:14 - 06-Aug-2002 00:31)

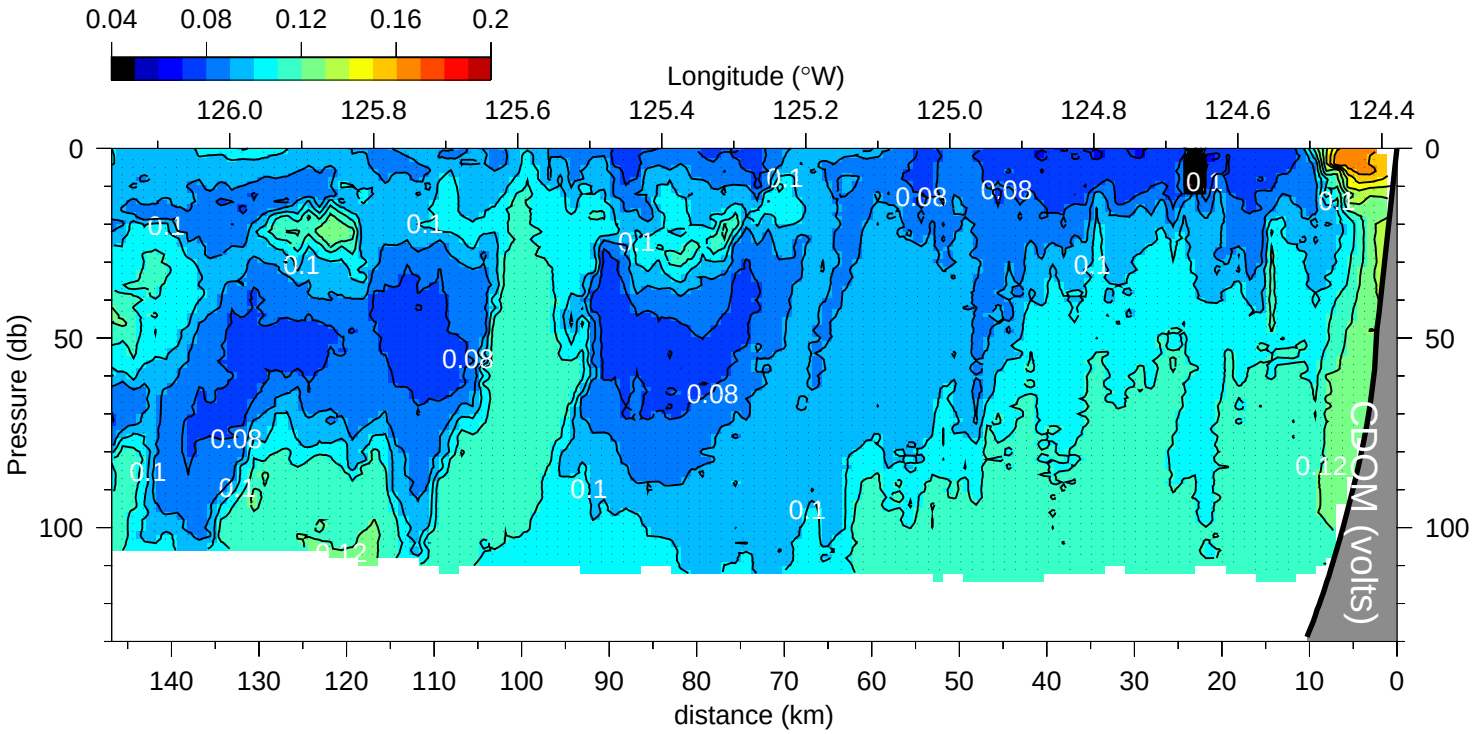




R0208: Meso1 line 11

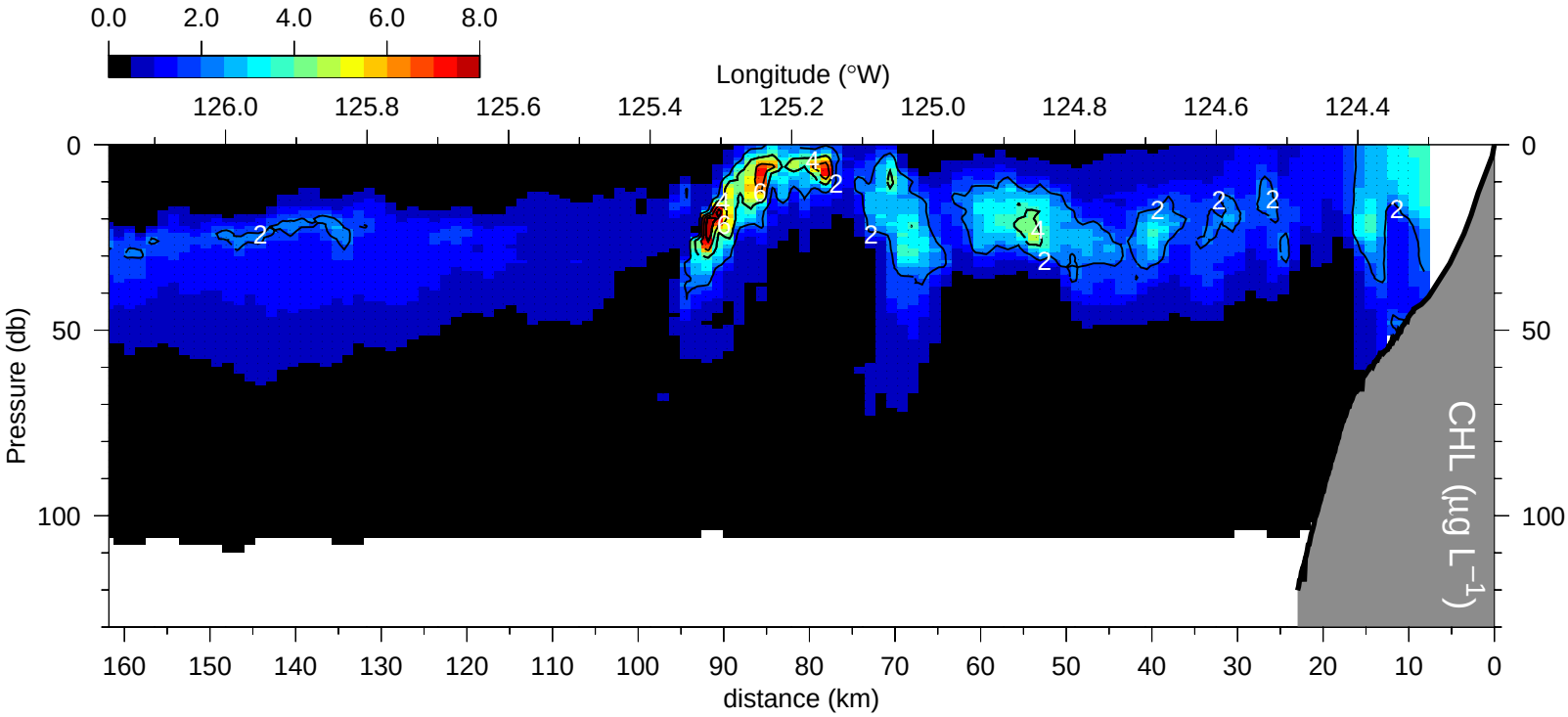
line 11 at 42.200 °N (06-Aug-2002 03:26 - 06-Aug-2002 13:38)

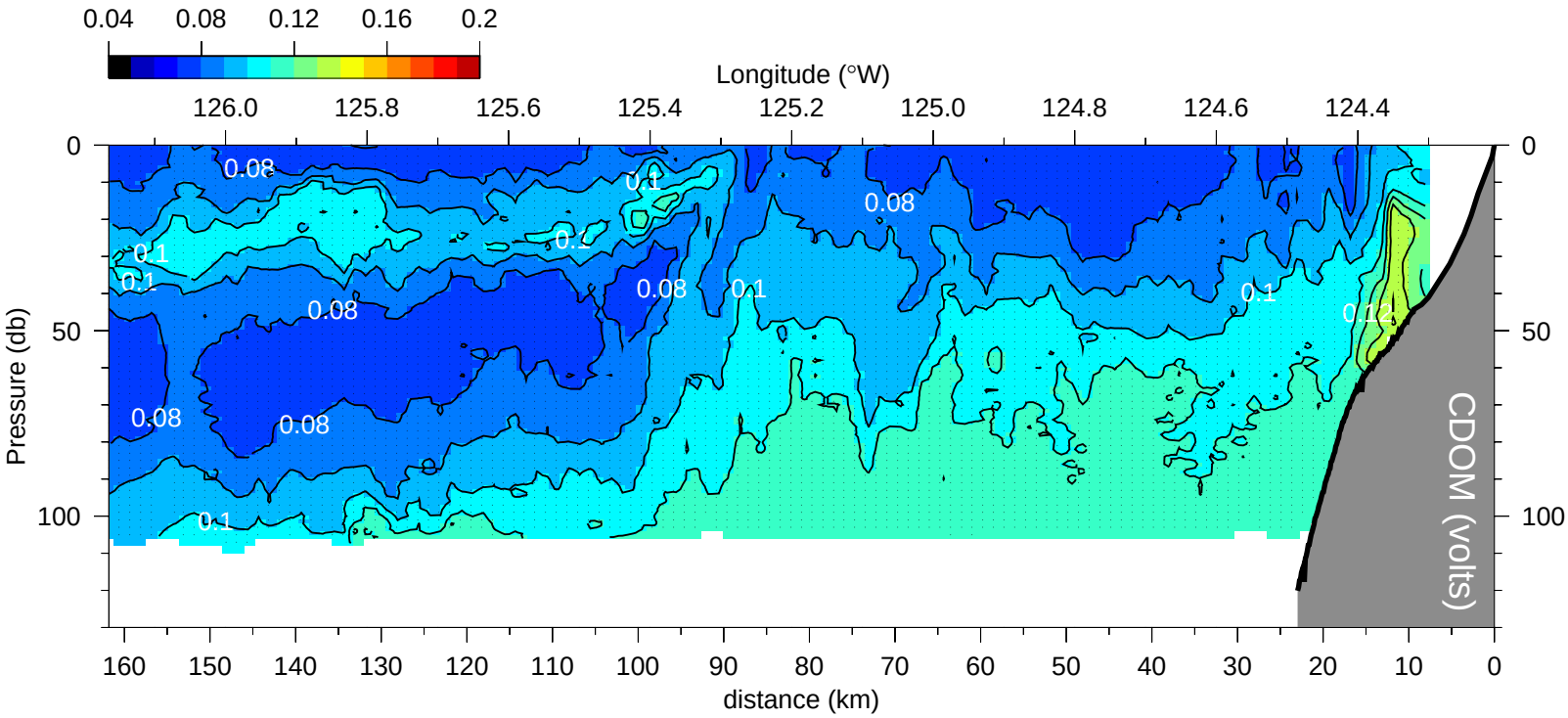




R0208: Meso1 line 12

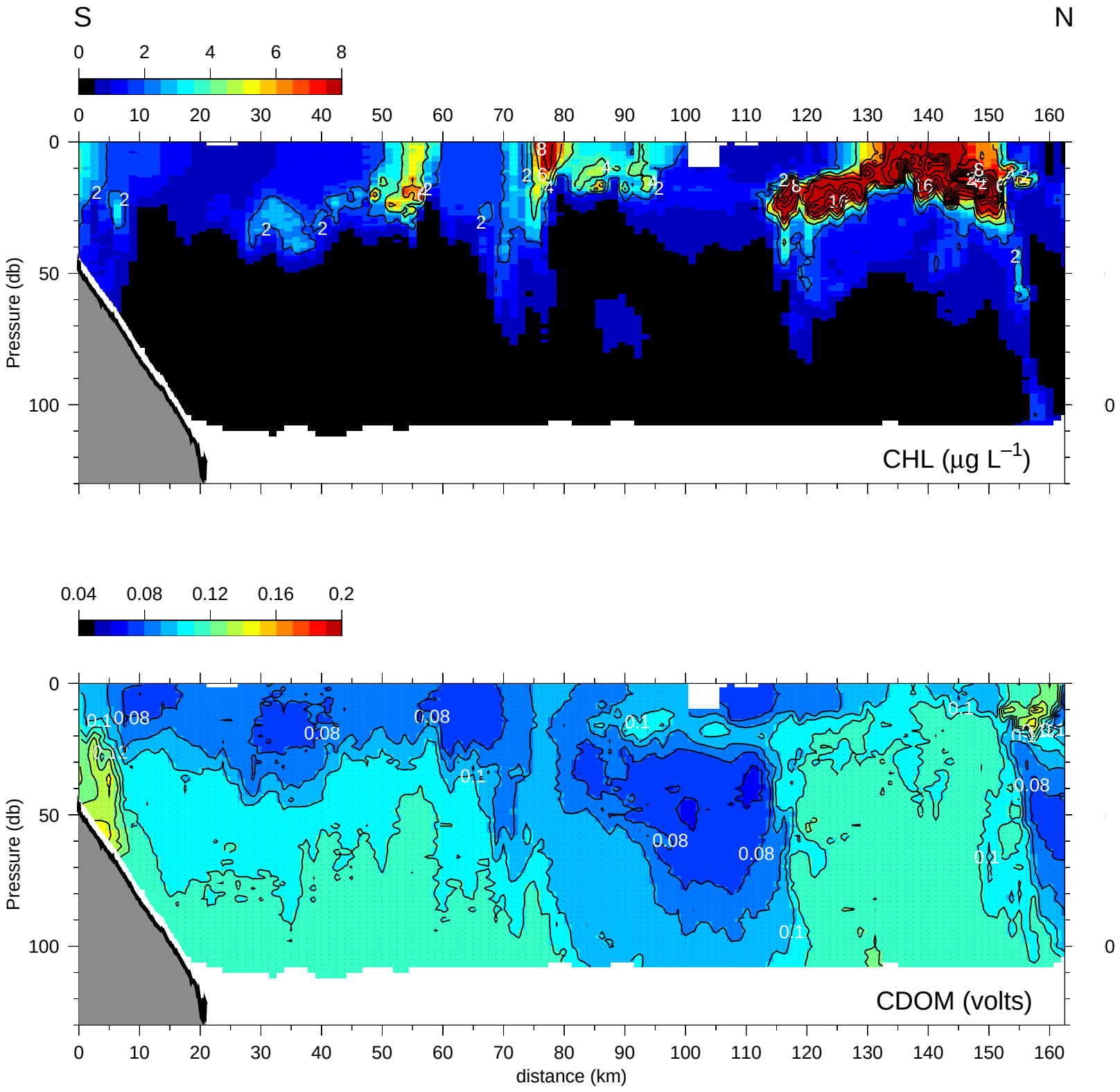
line 12 at 41.900 °N (06-Aug-2002 16:08 - 07-Aug-2002 03:13)





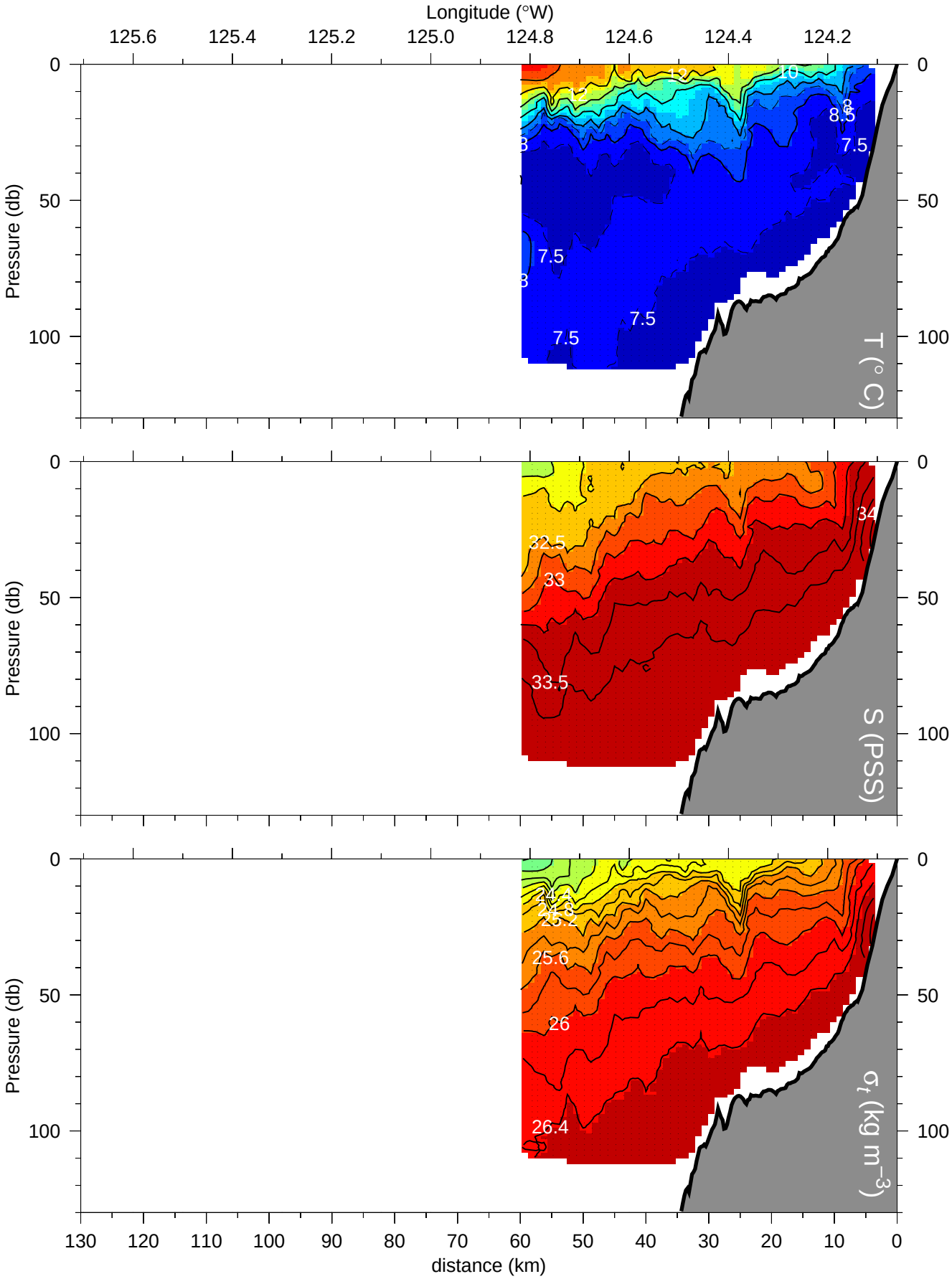
R0208: Meso1 line eddy1

line eddy1 at 42.370 °N (07-Aug-2002 03:20 - 07-Aug-2002 14:31)



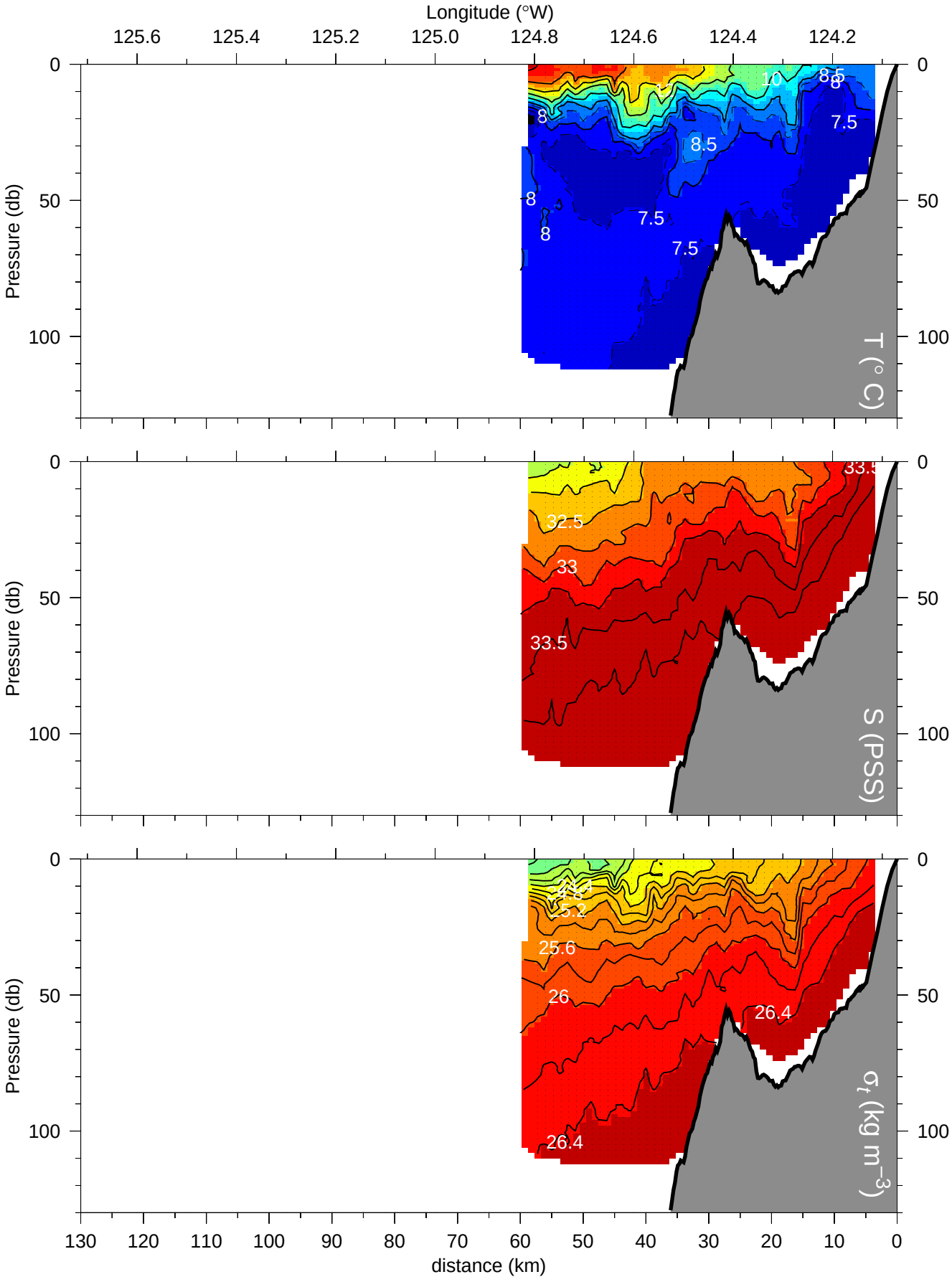
R0208: North line 1

line 1 at 44.651 °N (09-Aug-2002 07:07 - 09-Aug-2002 10:48)



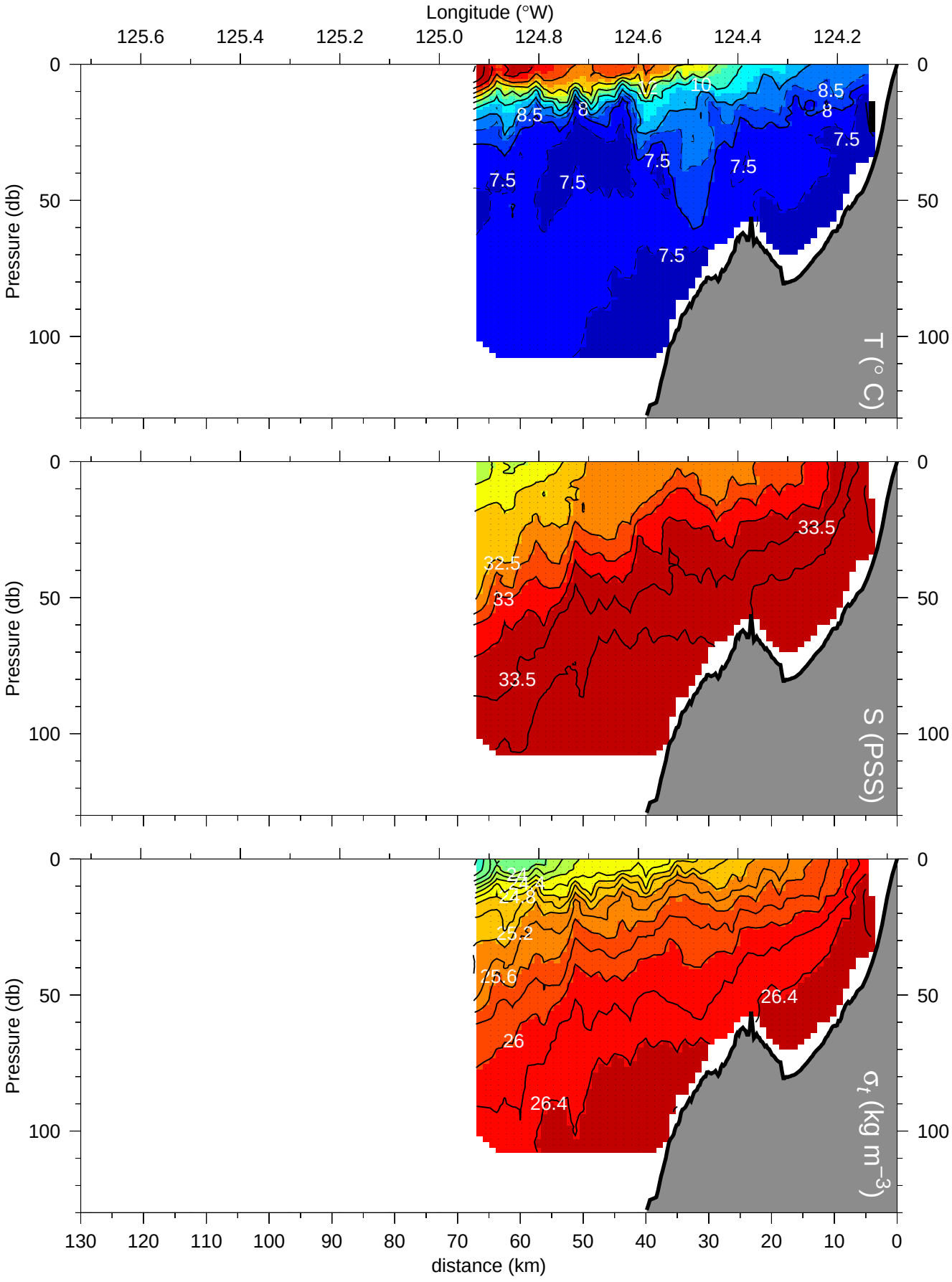
R0208: North line 1a

line 1a at 44.571 °N (09-Aug-2002 11:32 - 09-Aug-2002 15:11)



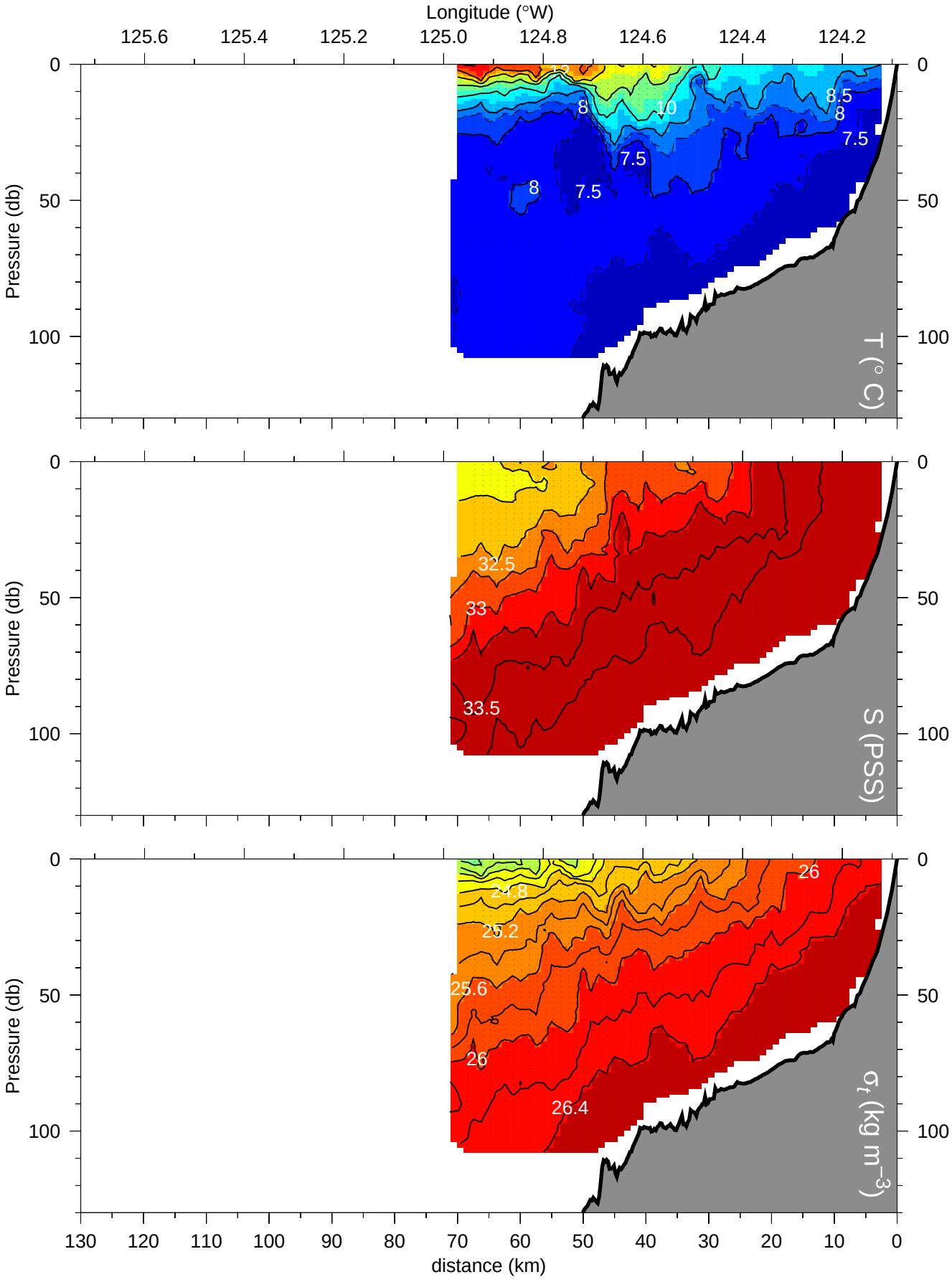
R0208: North line 2

line 2 at 44.475 °N (09-Aug-2002 17:09 - 09-Aug-2002 21:18)



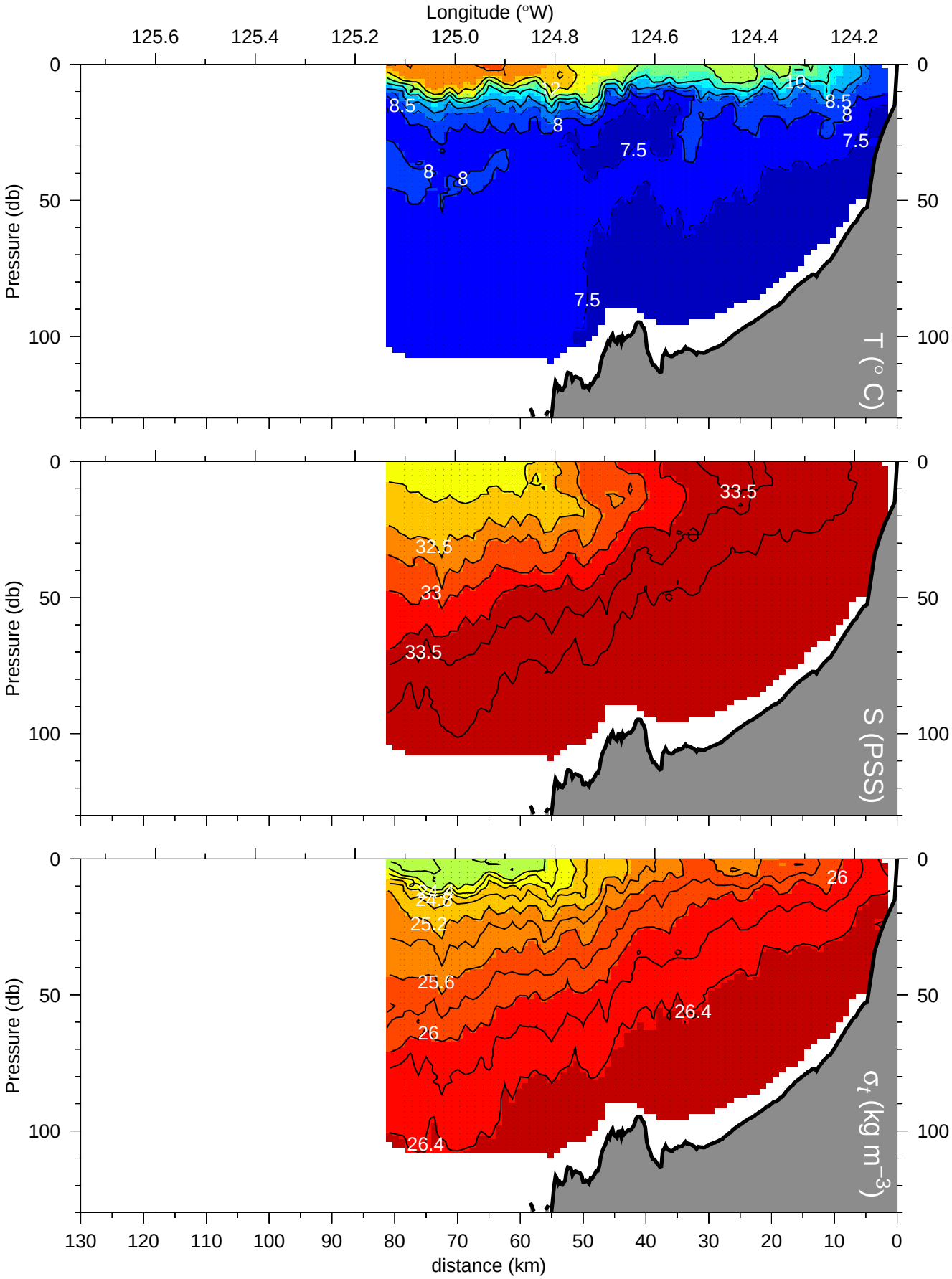
R0208: North line 2a

line 2a at 44.382 °N (09-Aug-2002 22:05 - 10-Aug-2002 02:32)



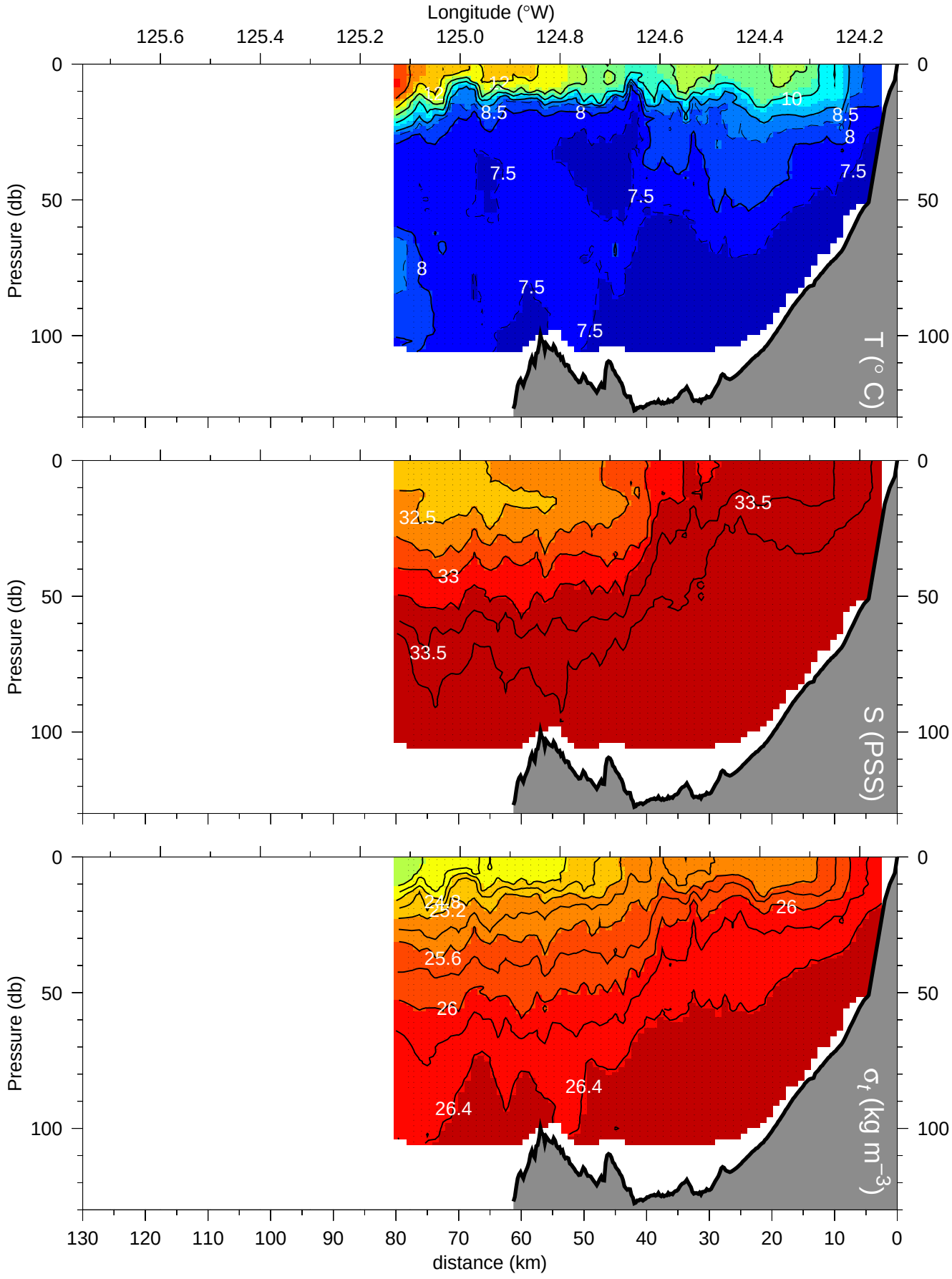
R0208: North line 3

line 3 at 44.246 °N (10-Aug-2002 03:35 - 10-Aug-2002 08:51)



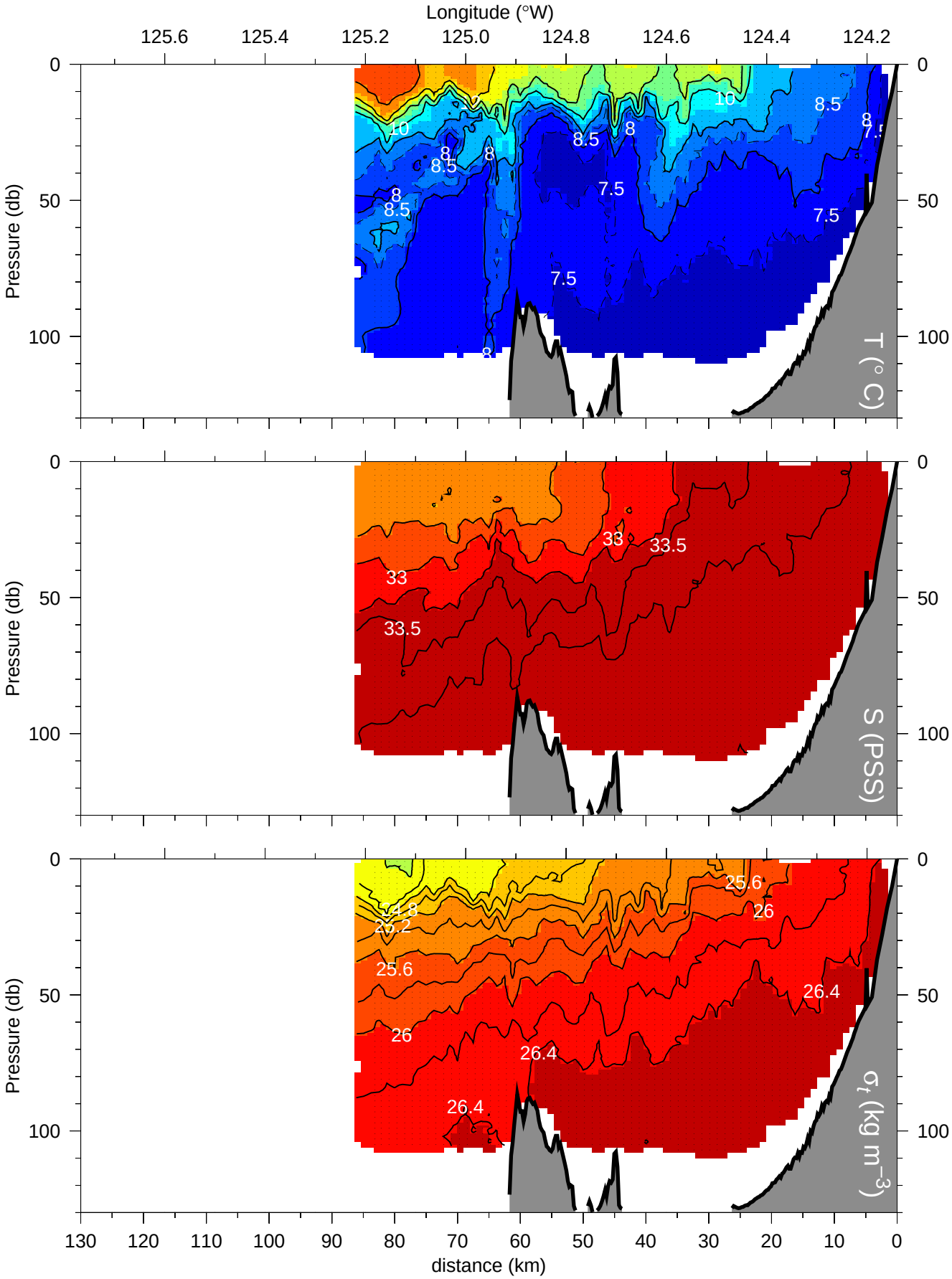
R0208: North line 3a

line 3a at 44.110 °N (10-Aug-2002 09:56 - 10-Aug-2002 15:11)



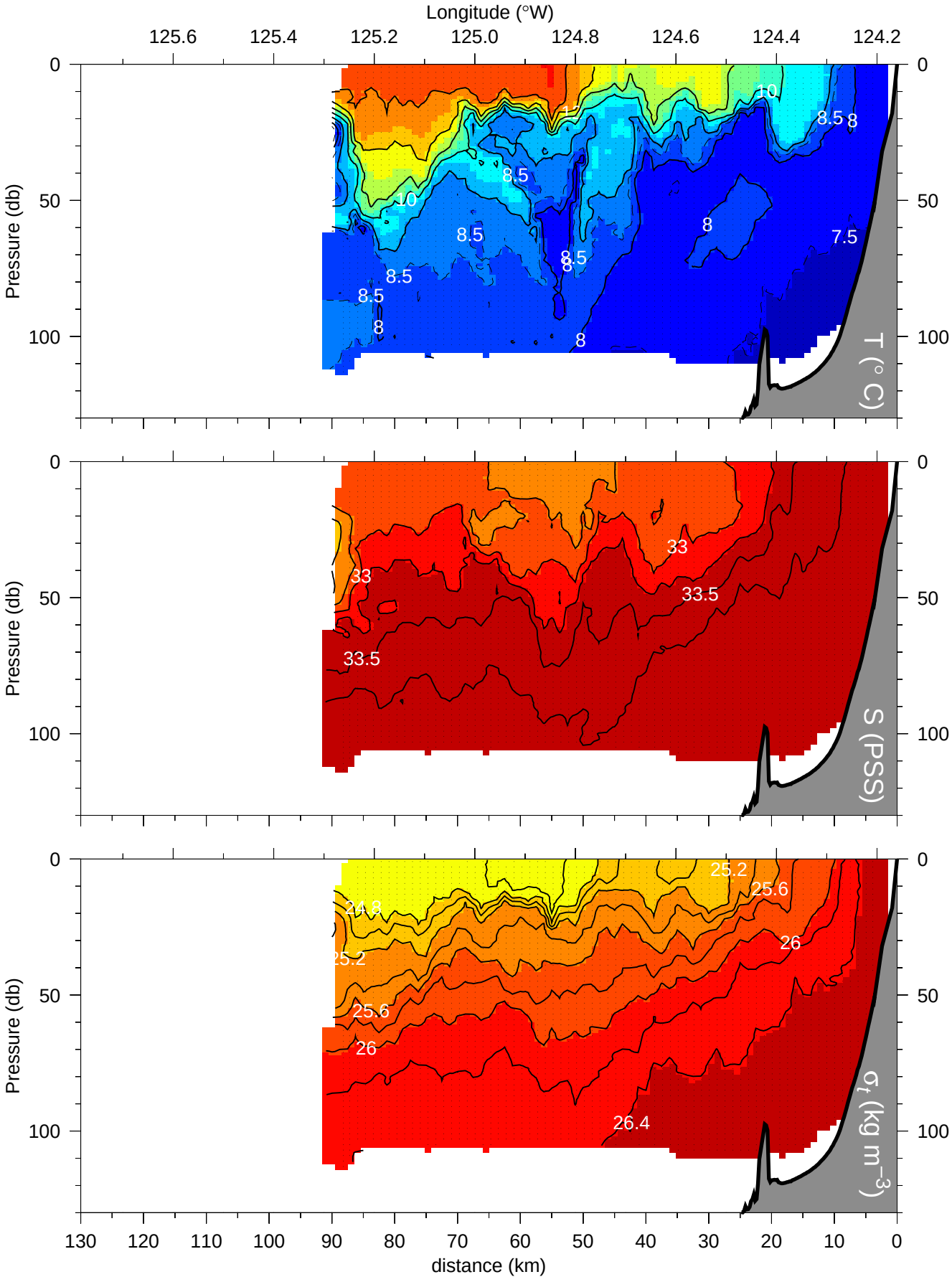
R0208: North line 4

line 4 at 44.000 °N (10-Aug-2002 16:06 - 10-Aug-2002 21:38)



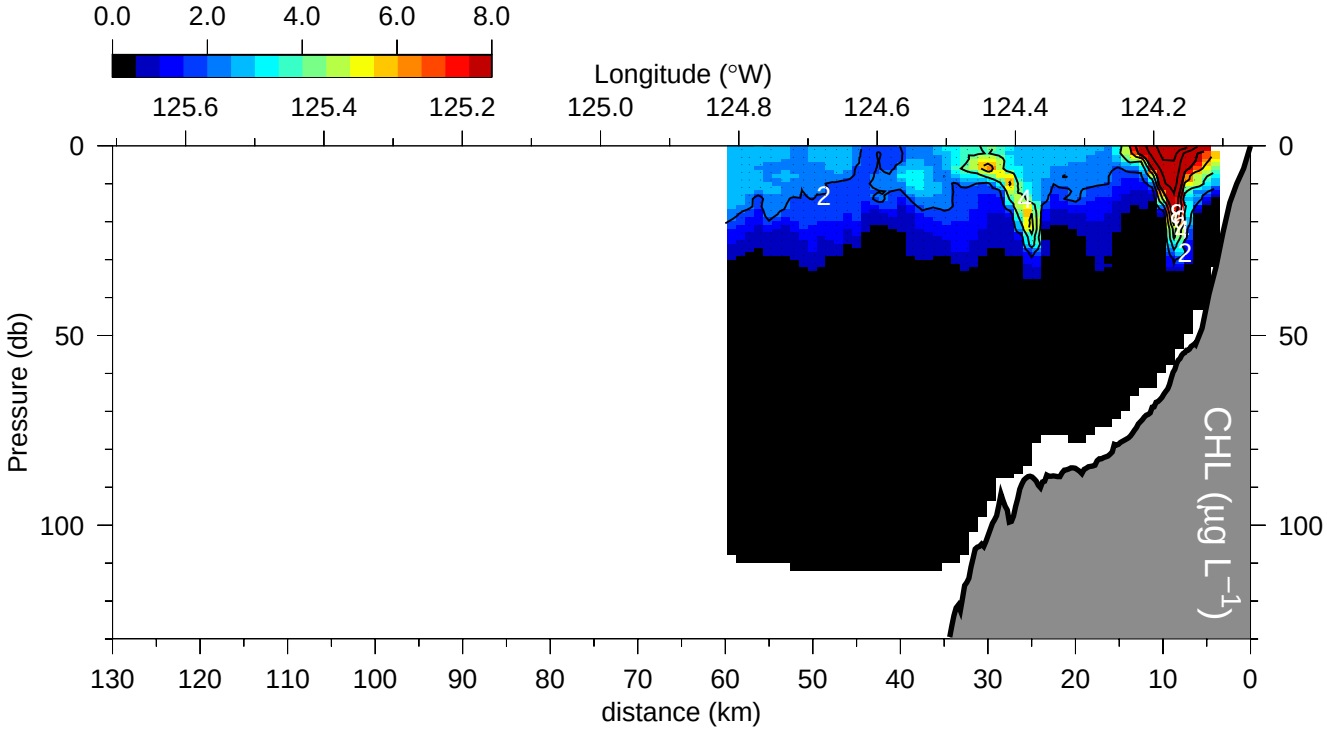
R0208: North line 4a

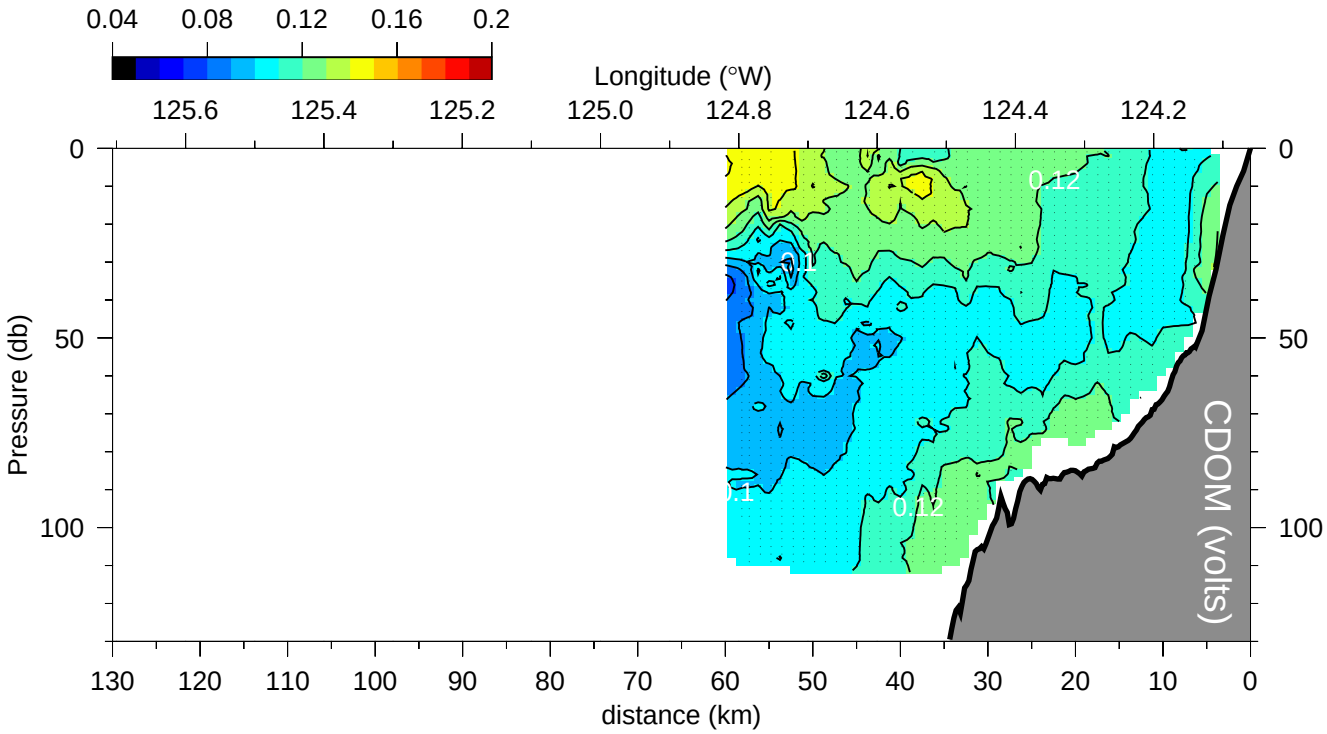
line 4a at 43.867 °N (10-Aug-2002 23:34 - 11-Aug-2002 05:49)



R0208: North line 1

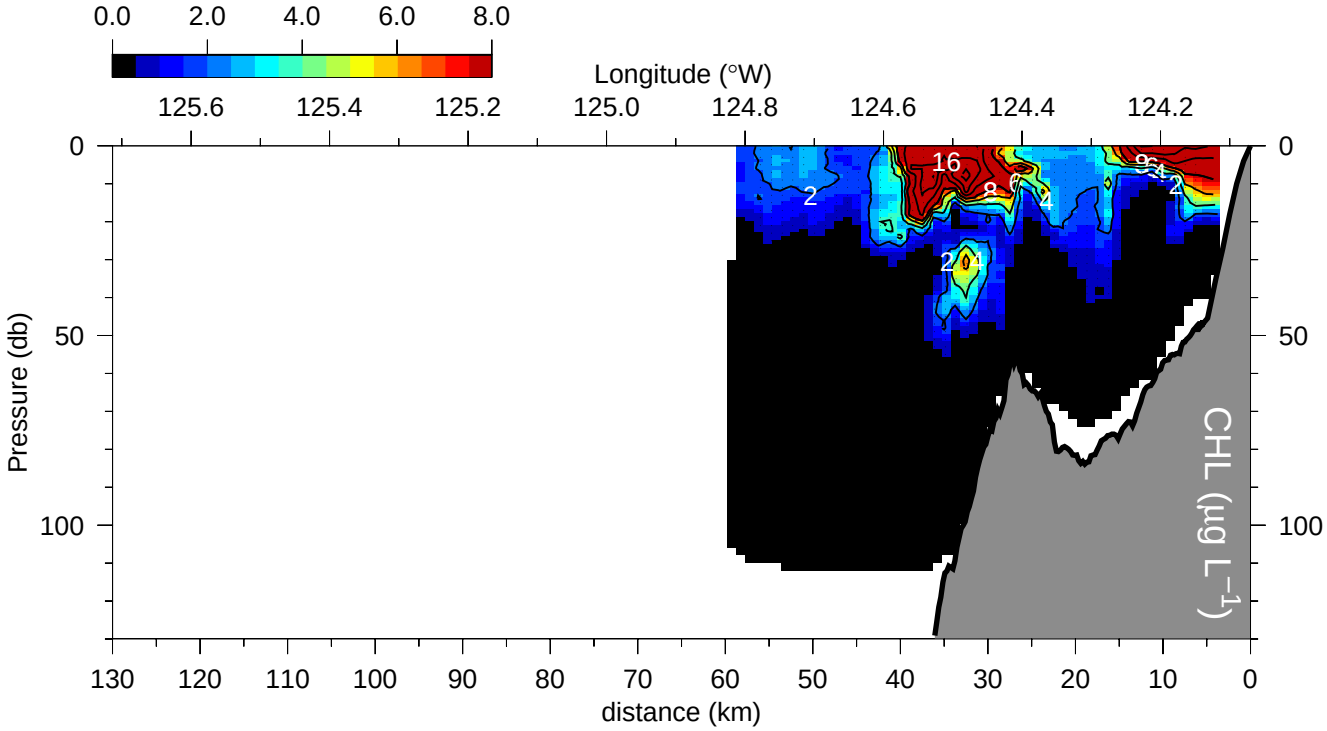
line 1 at 44.651 °N (09-Aug-2002 07:07 - 09-Aug-2002 10:48)

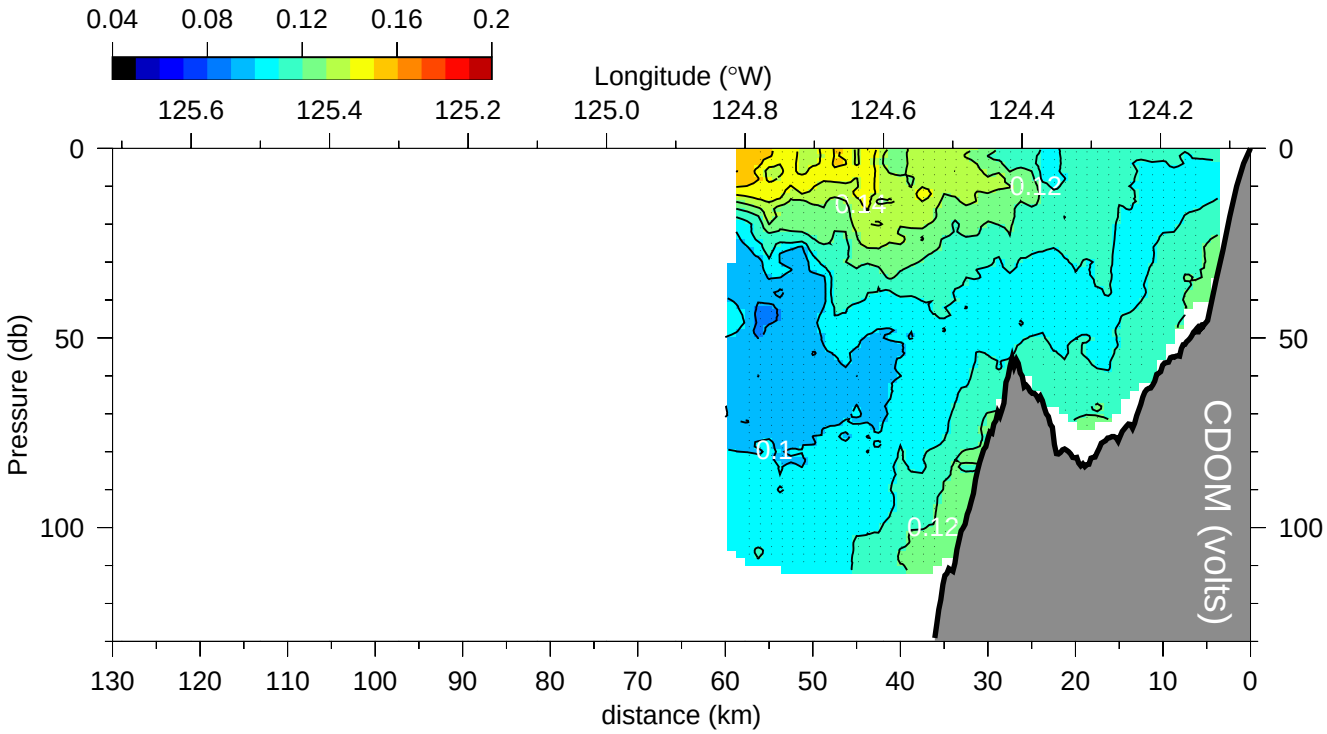




R0208: North line 1a

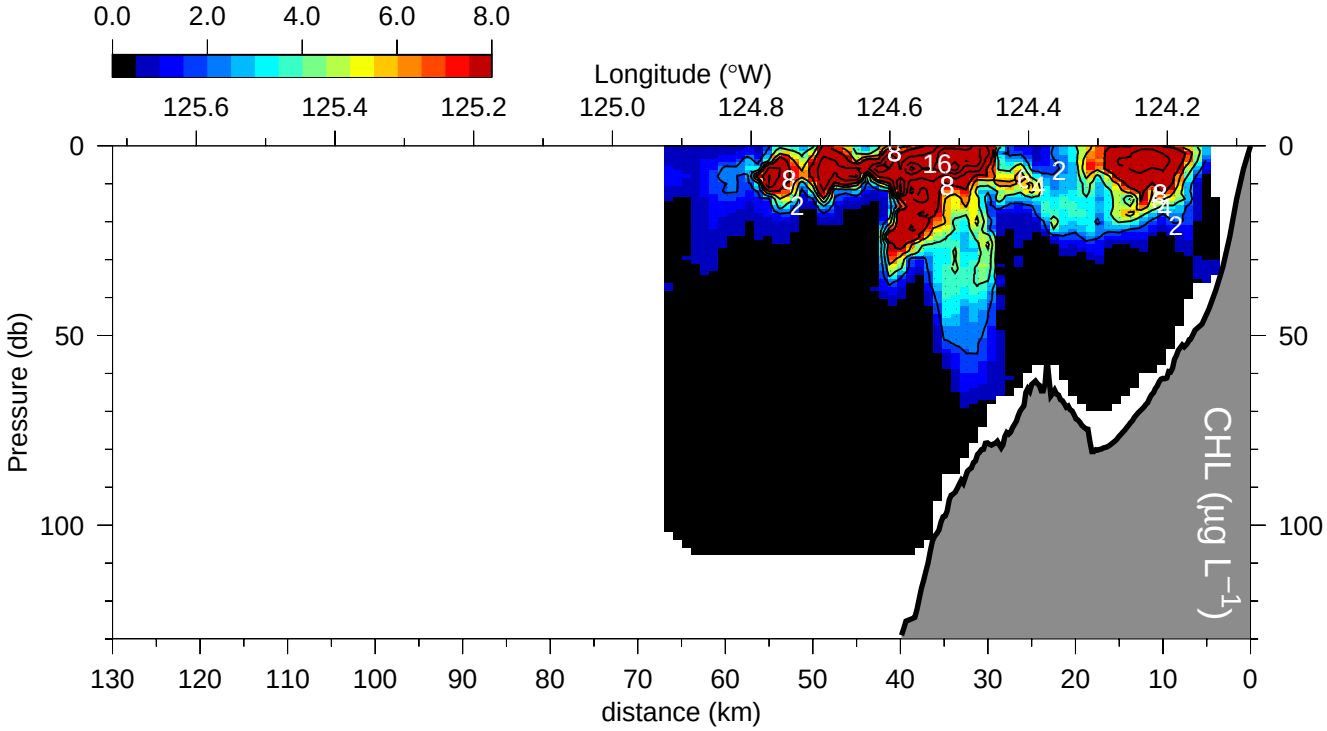
line 1a at 44.571 °N (09-Aug-2002 11:32 - 09-Aug-2002 15:11)

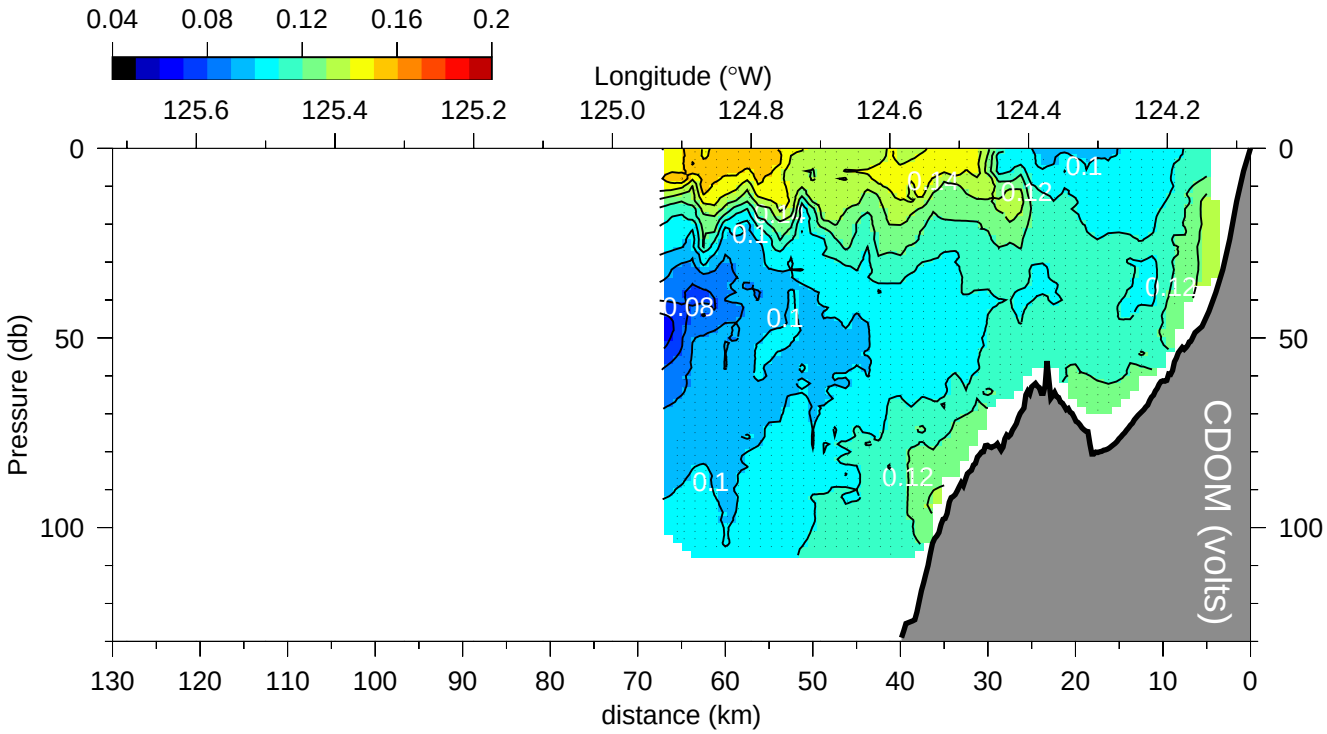




R0208: North line 2

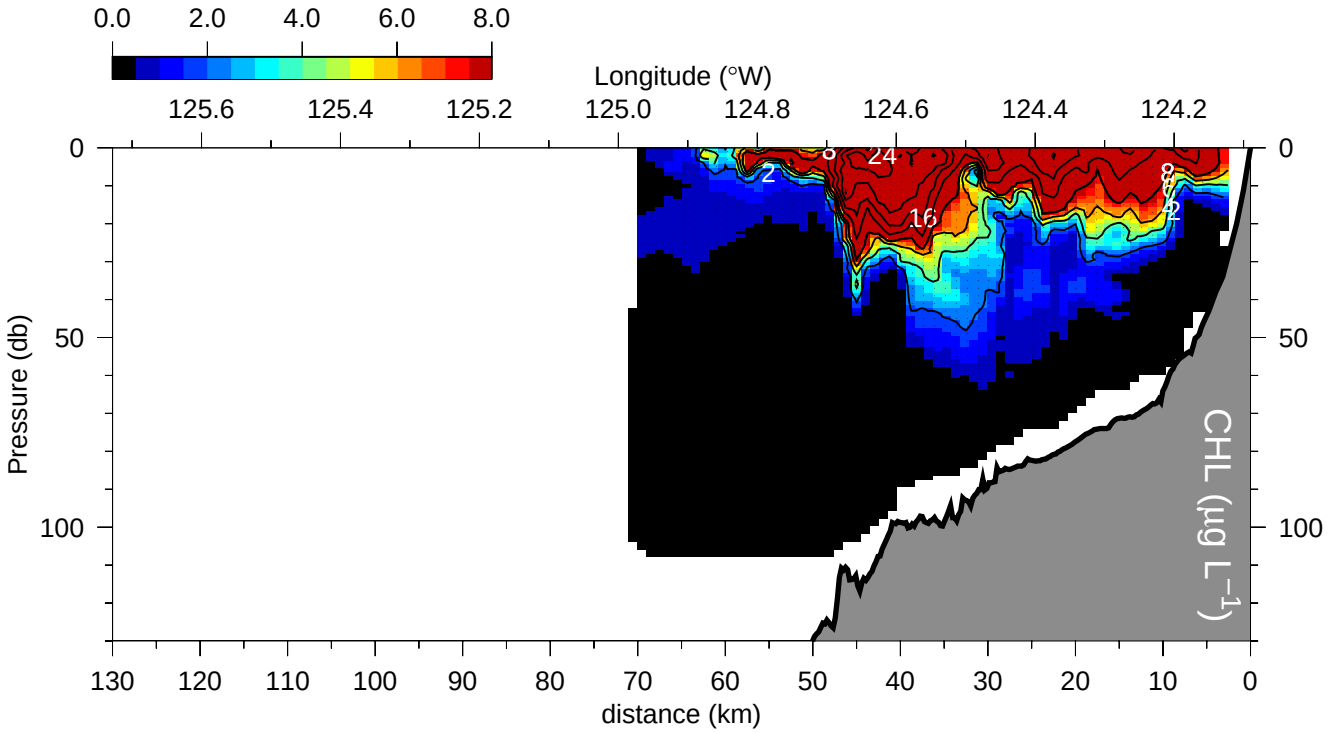
line 2 at 44.475 °N (09-Aug-2002 17:09 - 09-Aug-2002 21:18)

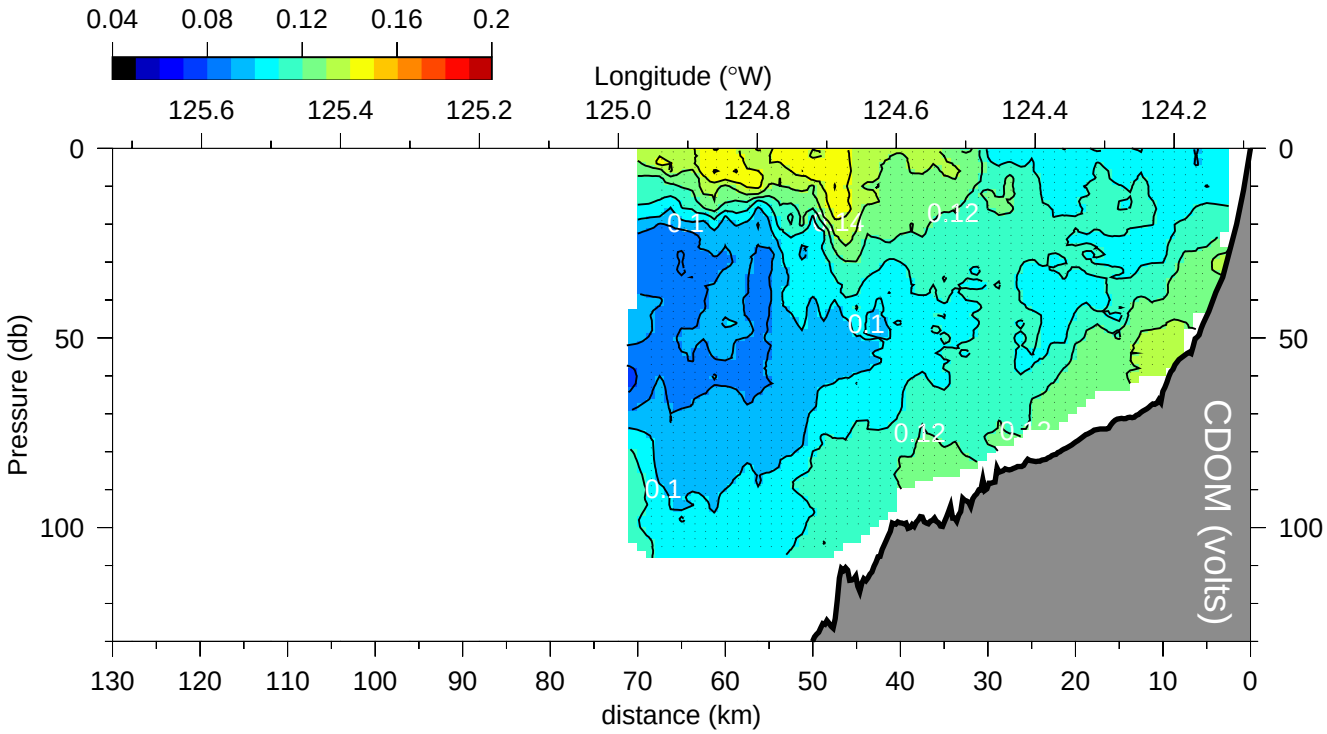




R0208: North line 2a

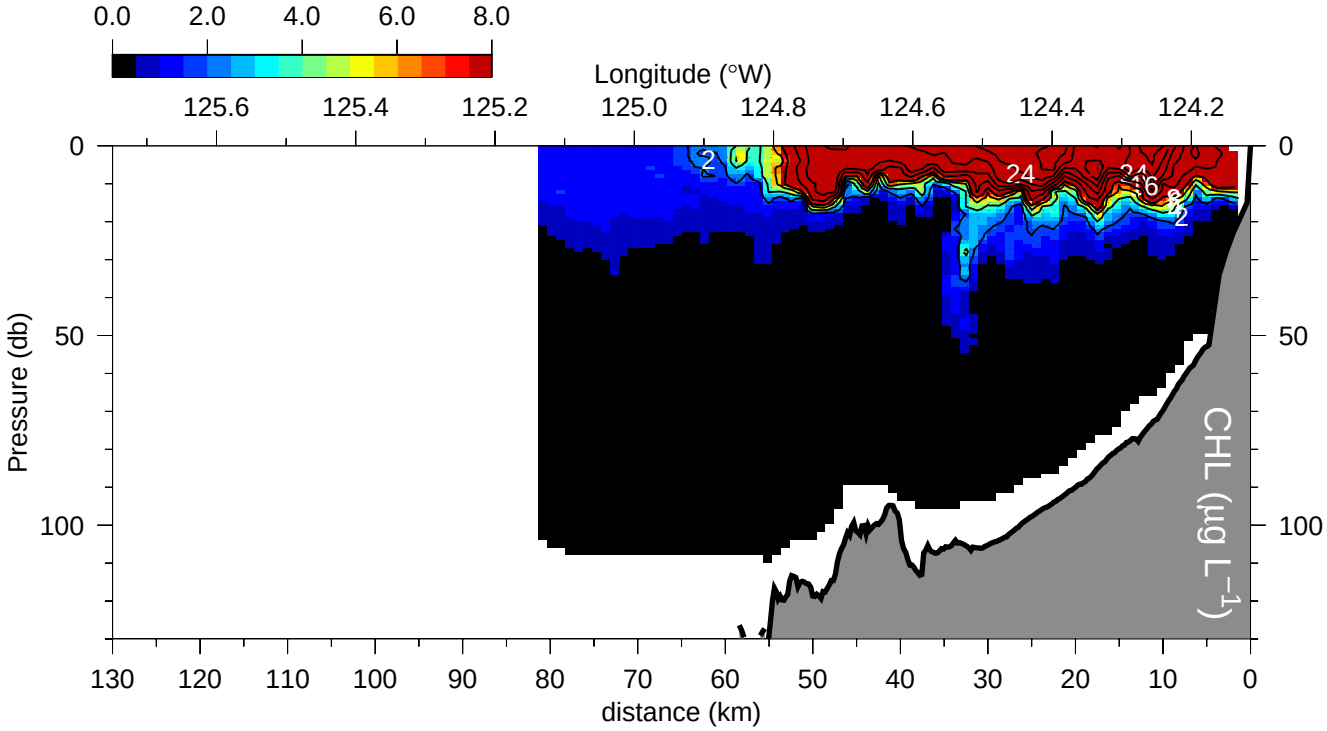
line 2a at 44.382 °N (09-Aug-2002 22:05 - 10-Aug-2002 02:32)

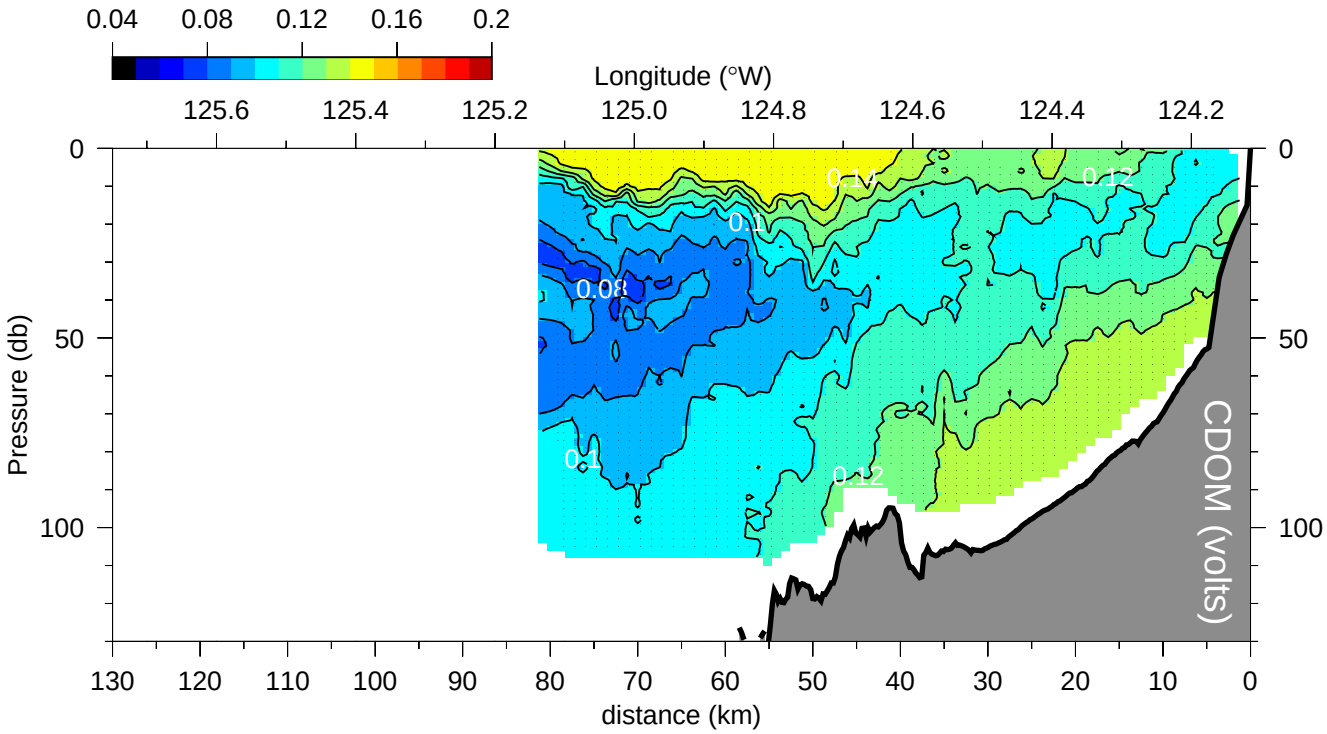




R0208: North line 3

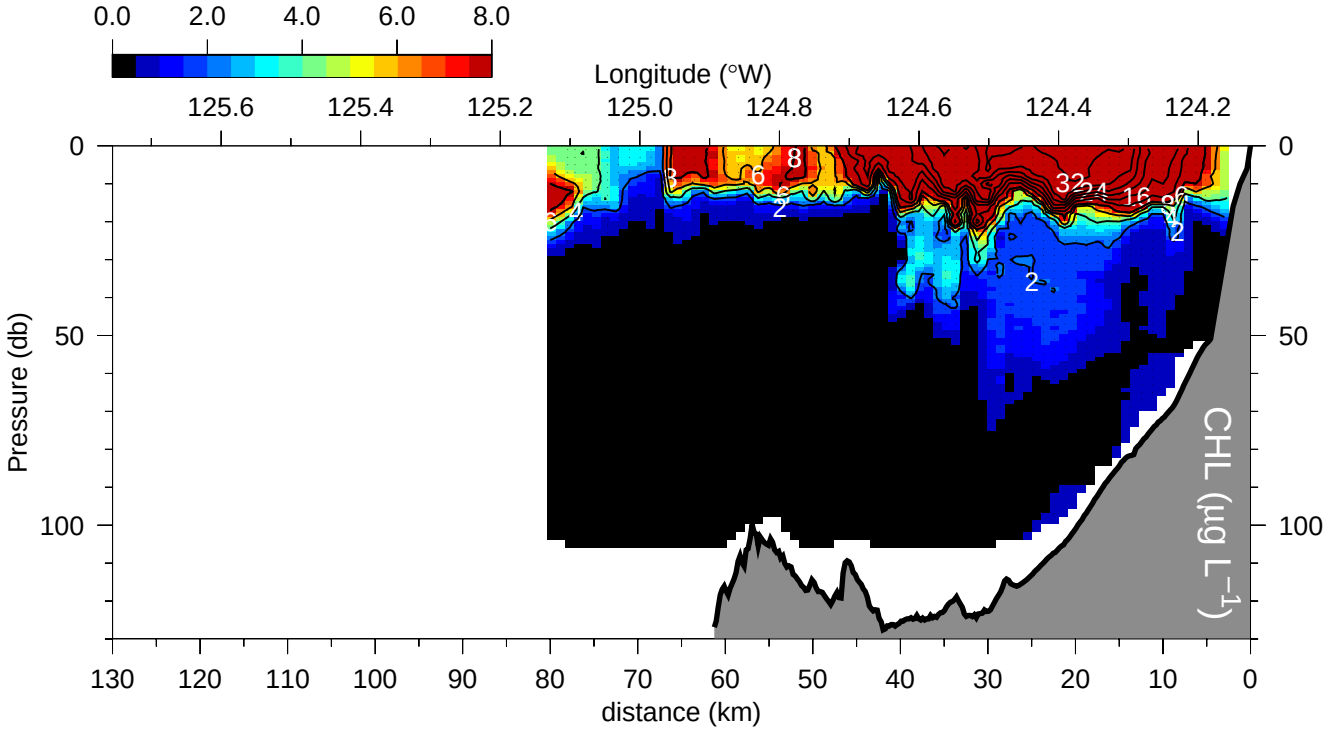
line 3 at 44.246 °N (10-Aug-2002 03:35 - 10-Aug-2002 08:51)

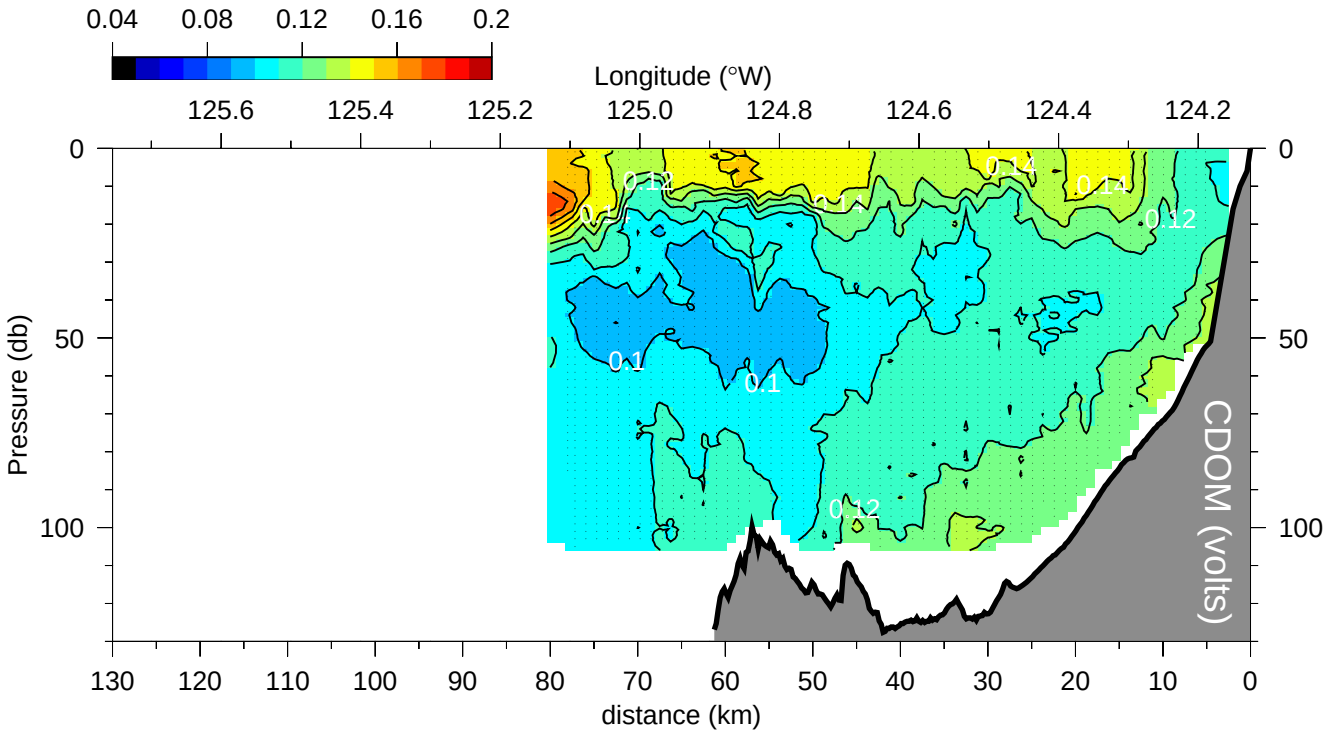




R0208: North line 3a

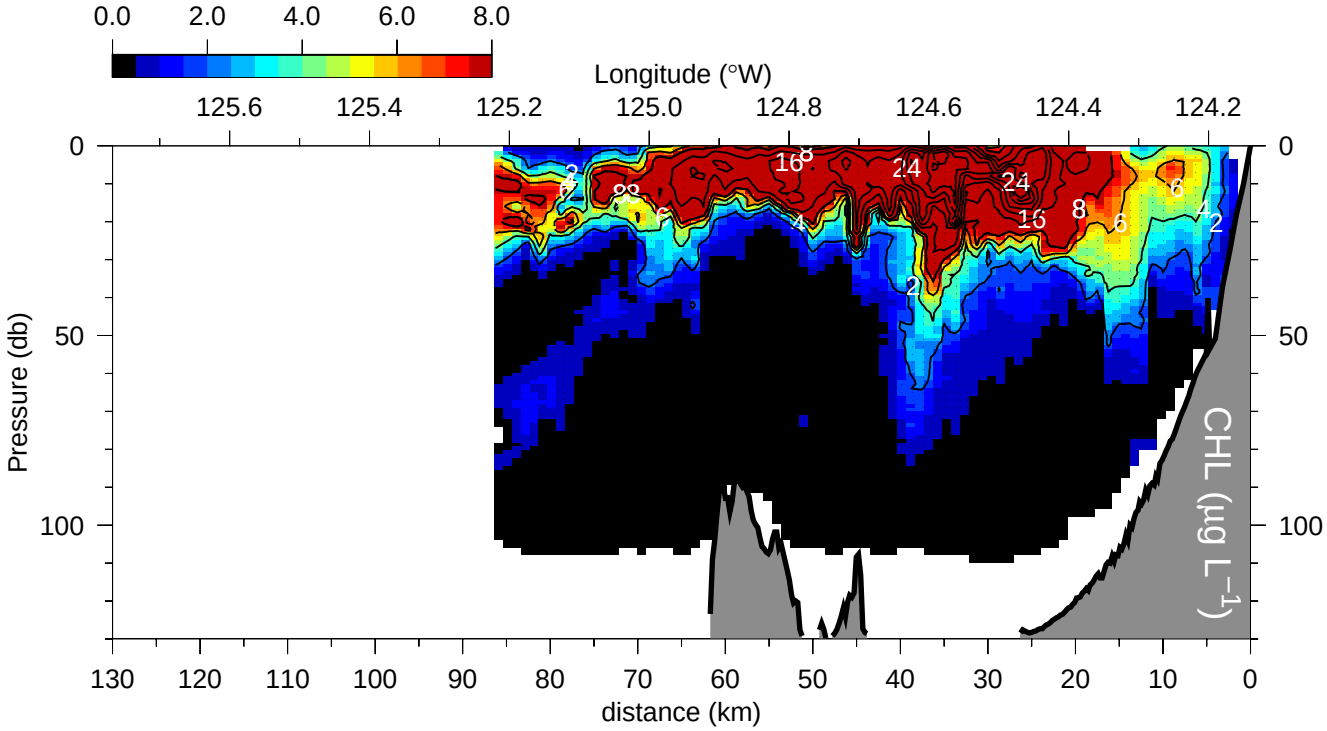
line 3a at 44.110 °N (10-Aug-2002 09:56 - 10-Aug-2002 15:11)

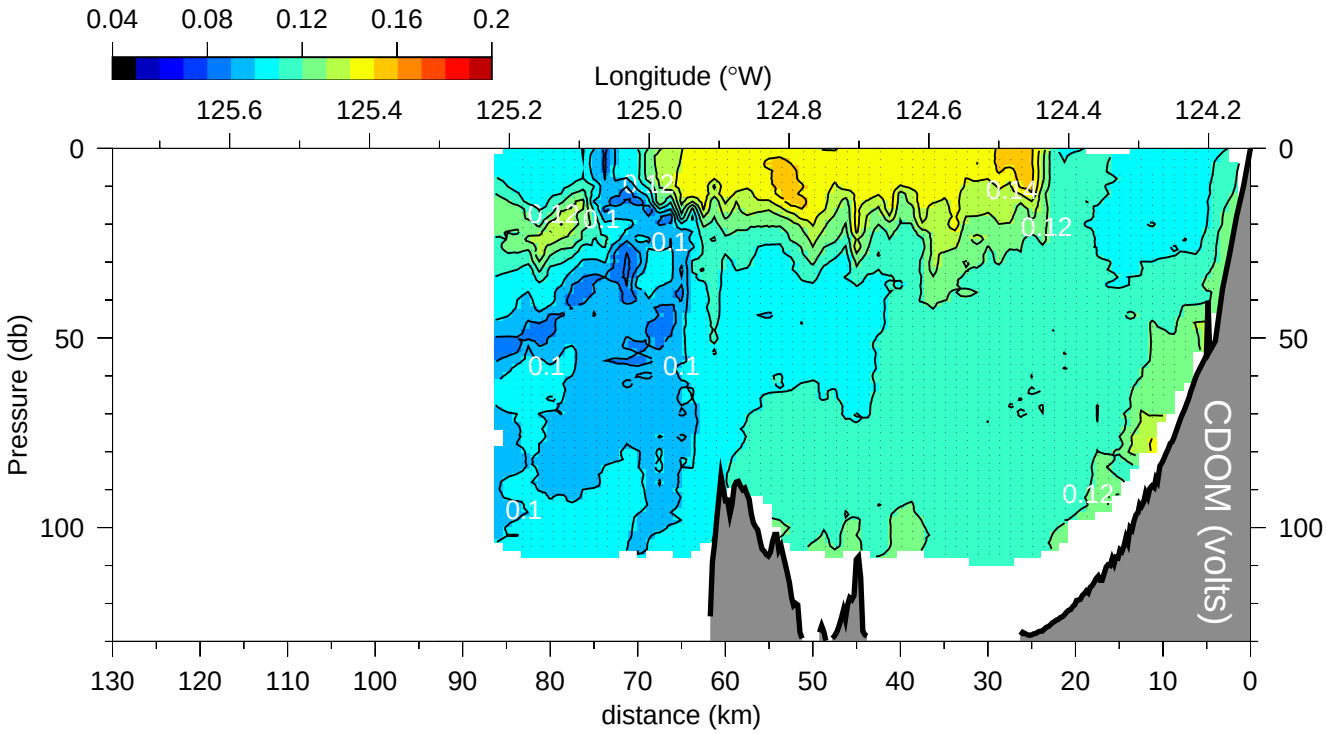




R0208: North line 4

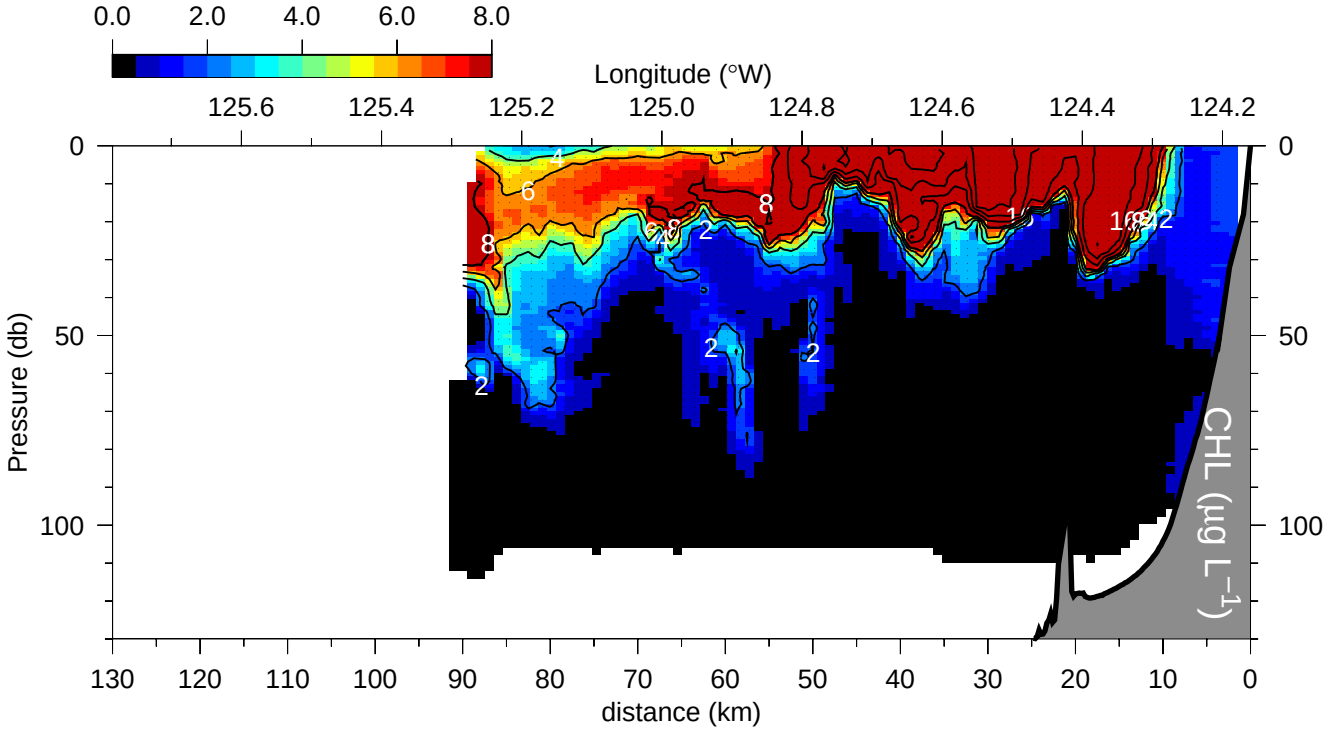
line 4 at 44.000 °N (10-Aug-2002 16:06 - 10-Aug-2002 21:38)

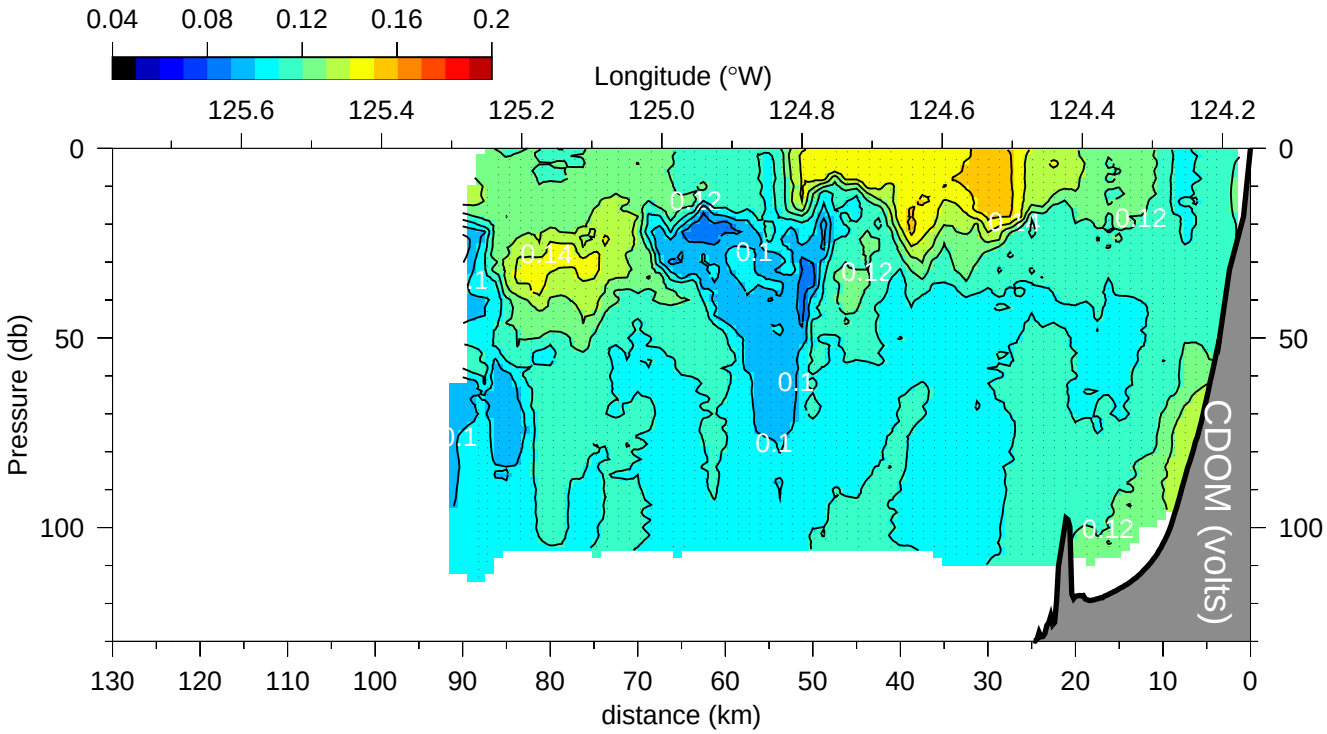




R0208: North line 4a

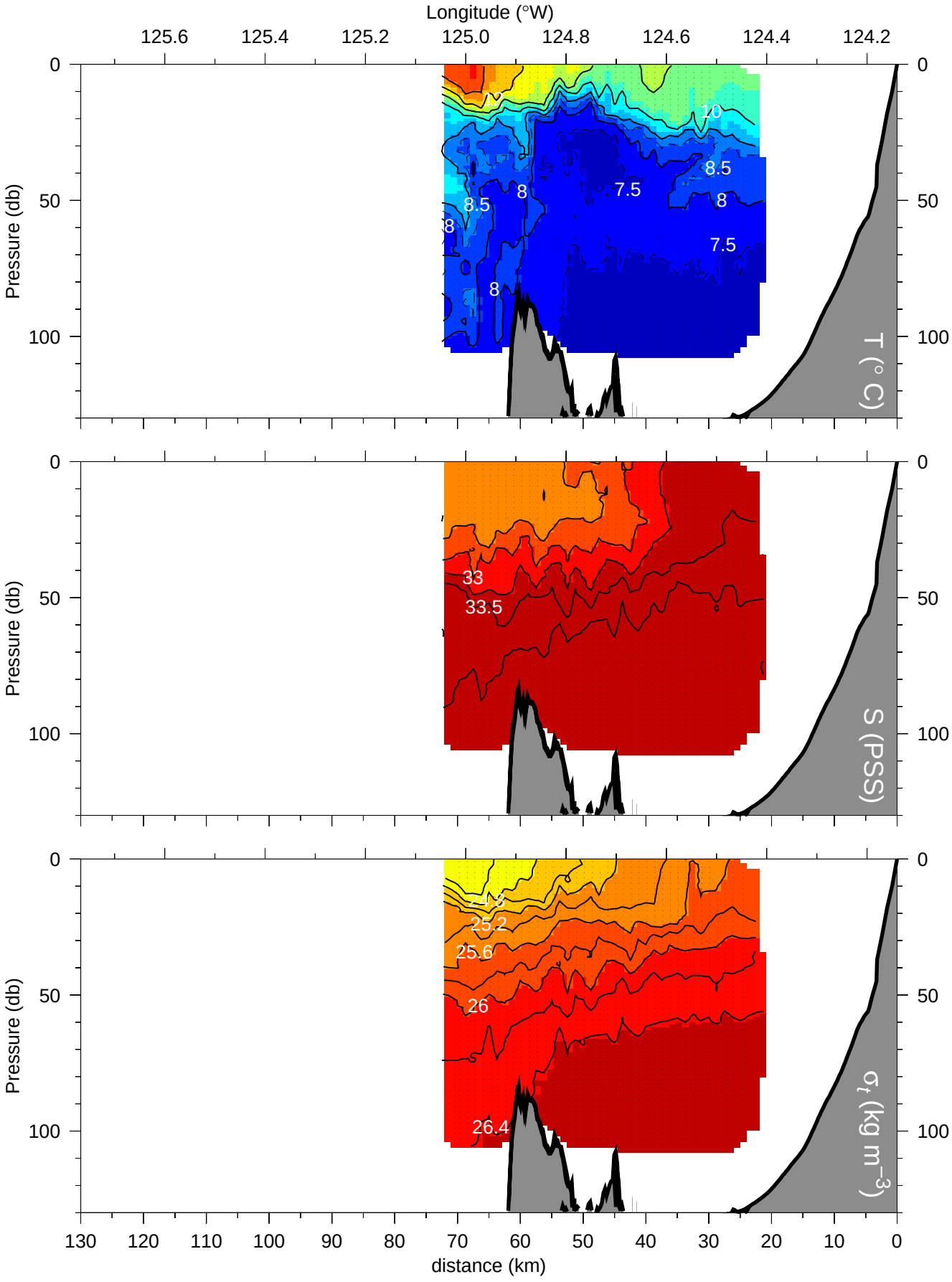
line 4a at 43.867 °N (10-Aug-2002 23:34 - 11-Aug-2002 05:49)





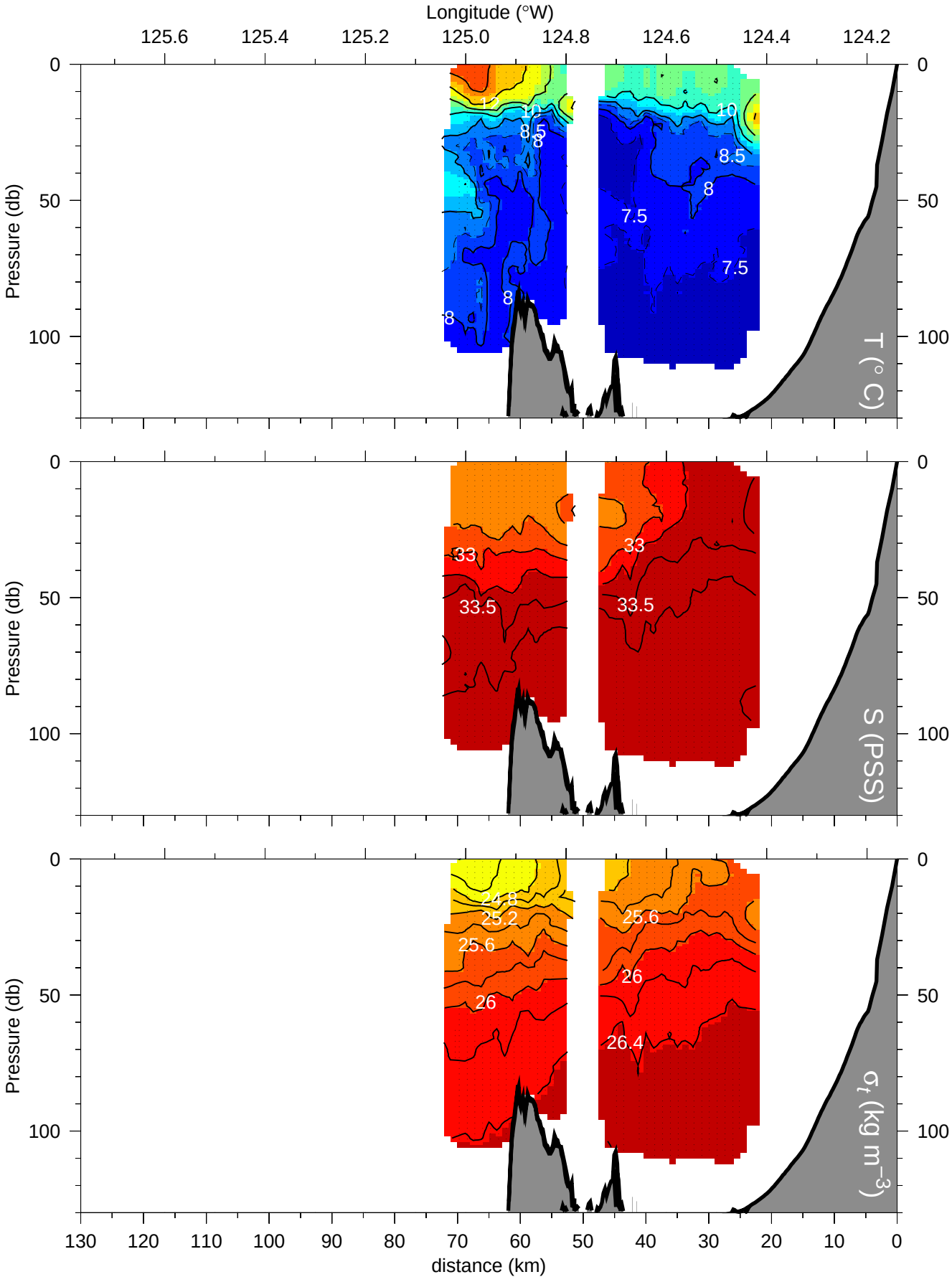
R0208: Middle line 4.1

line 4.1 at 44.000 °N (11-Aug-2002 22:17 - 12-Aug-2002 01:39)



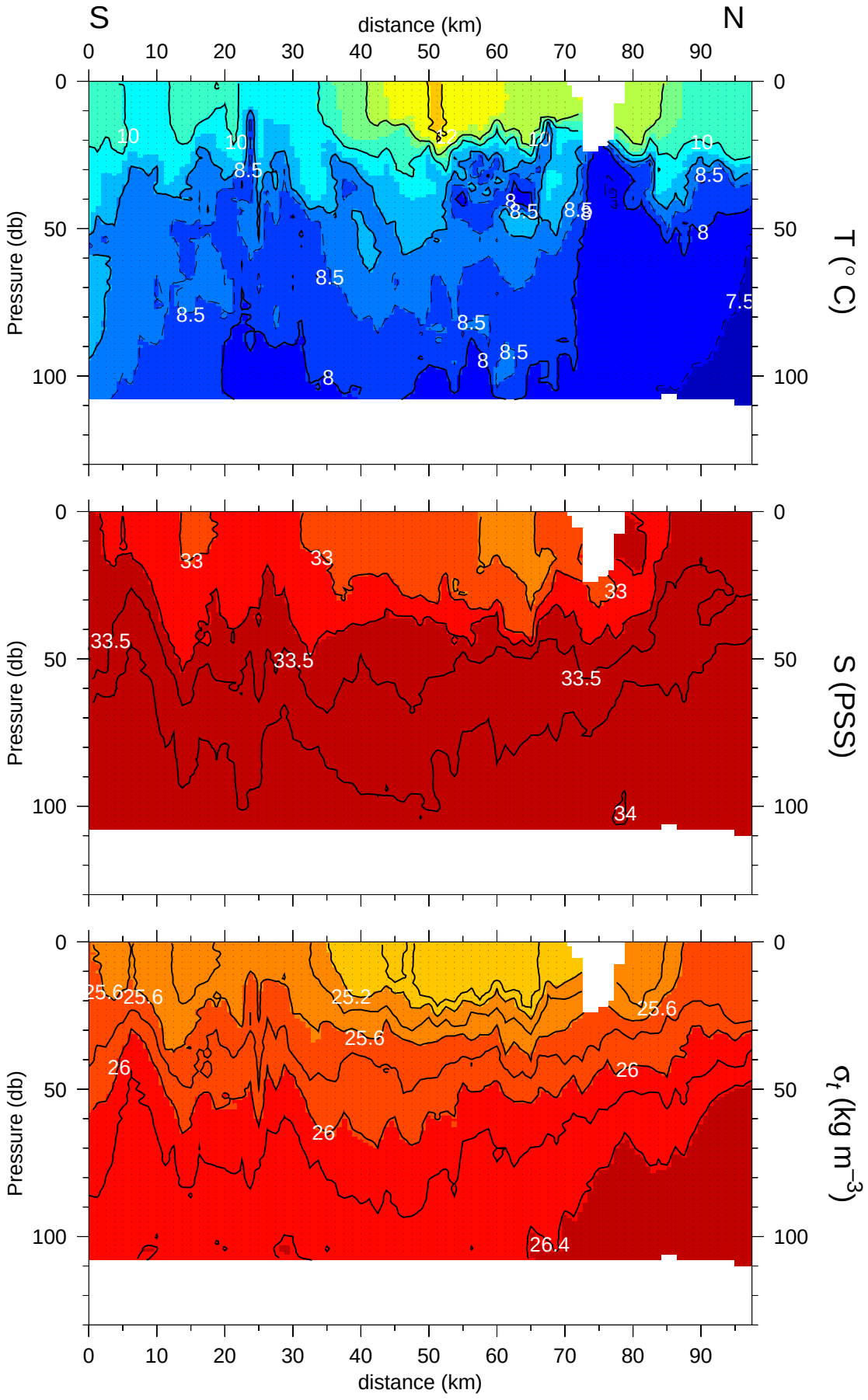
R0208: Middle line 4.2

line 4.2 at 43.999 °N (12-Aug-2002 01:40 - 12-Aug-2002 06:25)



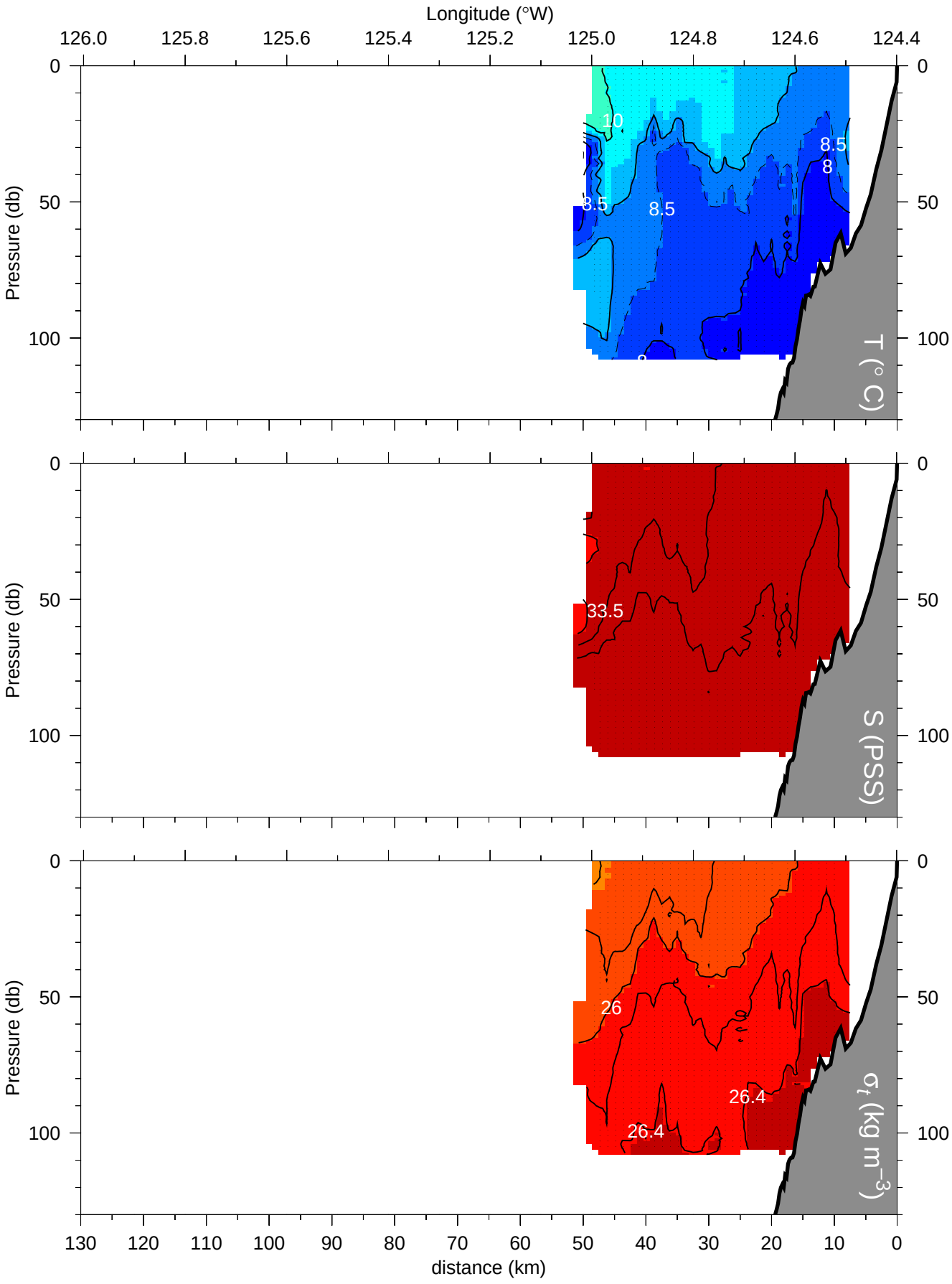
R0208: Middle line 4_7

(12-Aug-2002 06:28 - 12-Aug-2002 13:10)



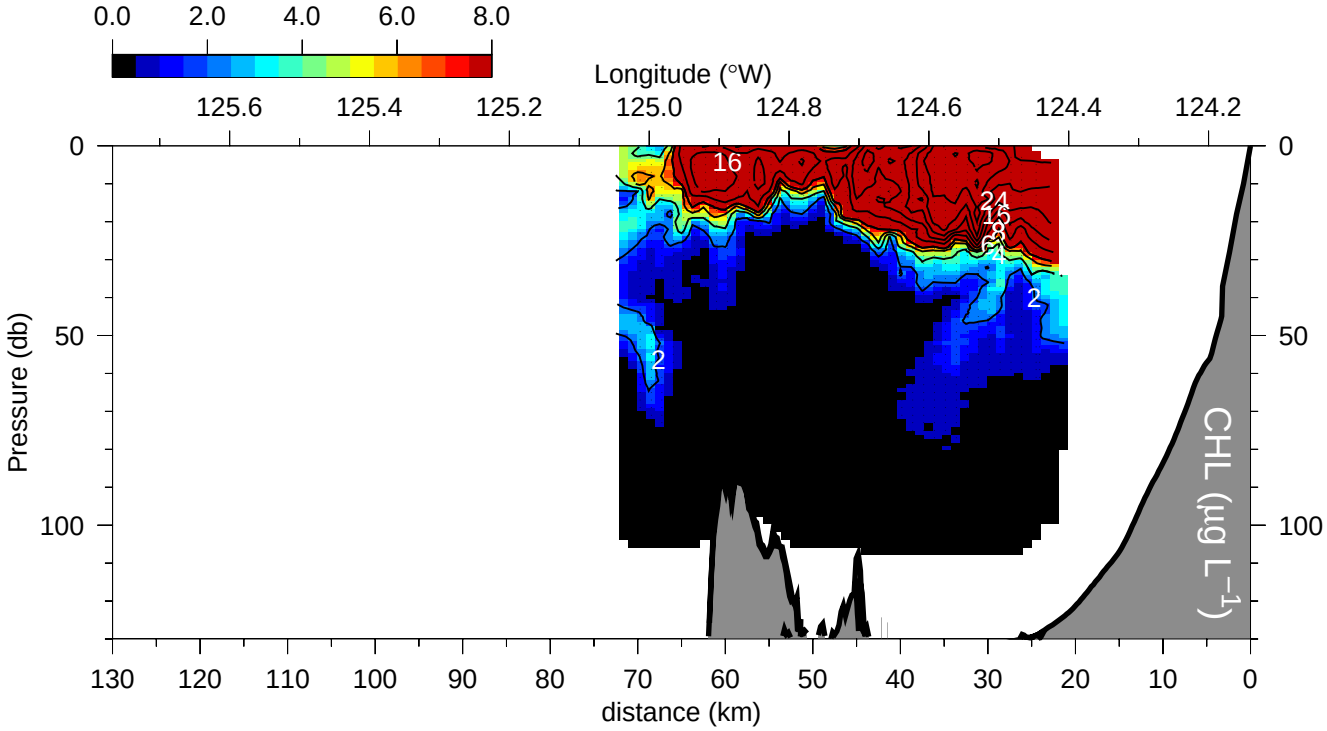
R0208: Middle line 7

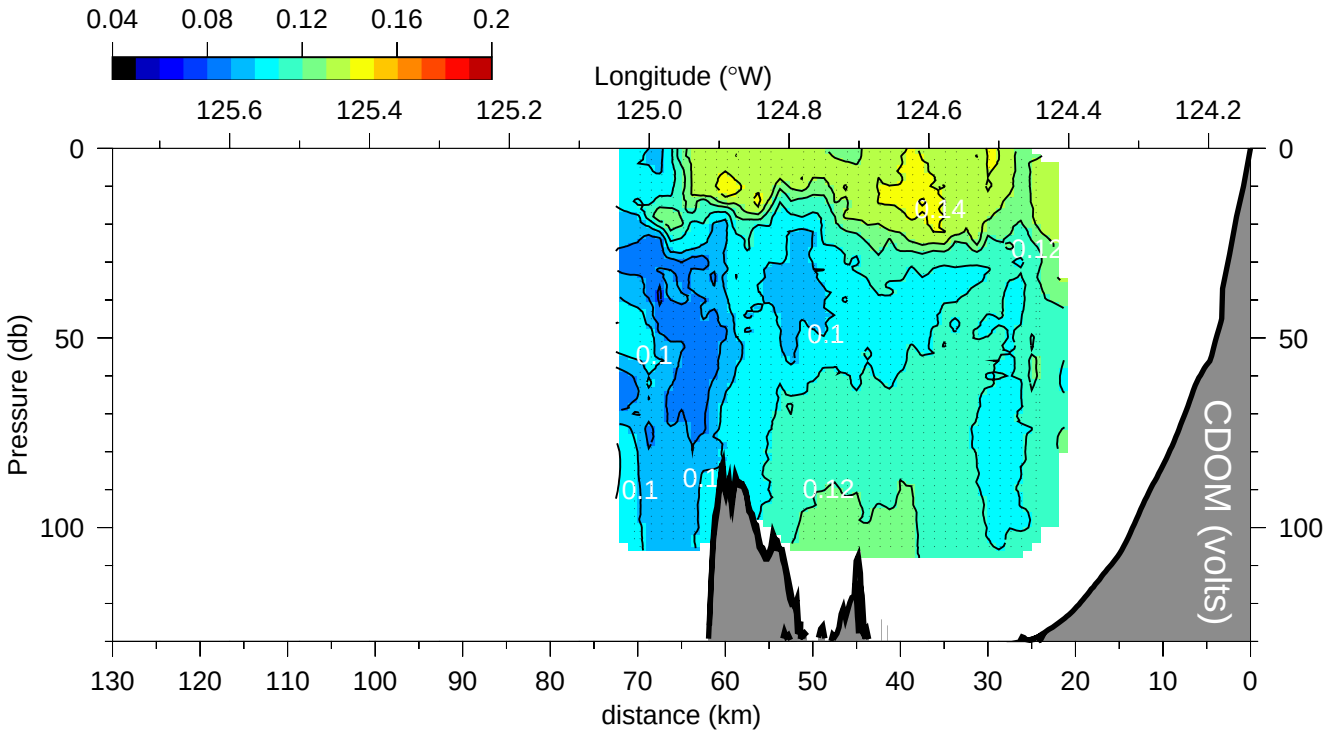
line 7 at 43.217 °N (12-Aug-2002 13:12 - 12-Aug-2002 15:57)



R0208: Middle line 4.1

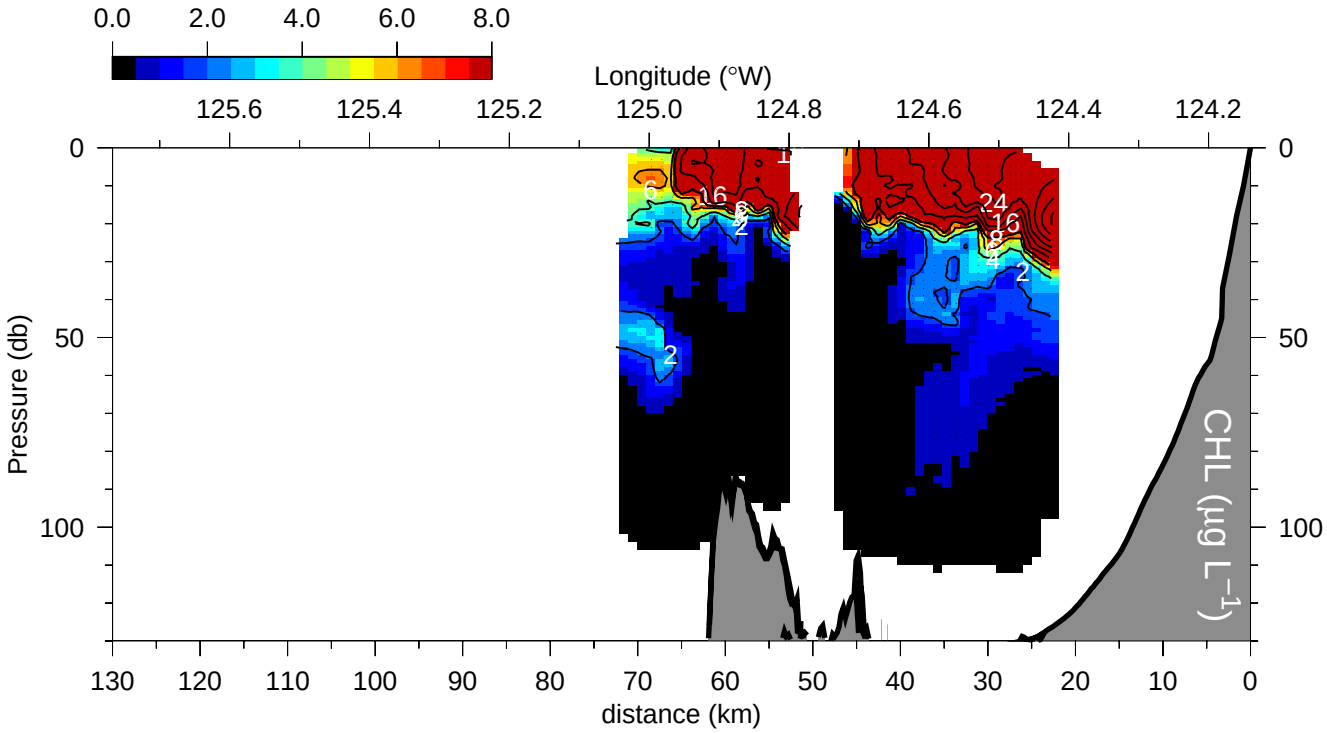
line 4.1 at 44.000 °N (11-Aug-2002 22:17 - 12-Aug-2002 01:39)

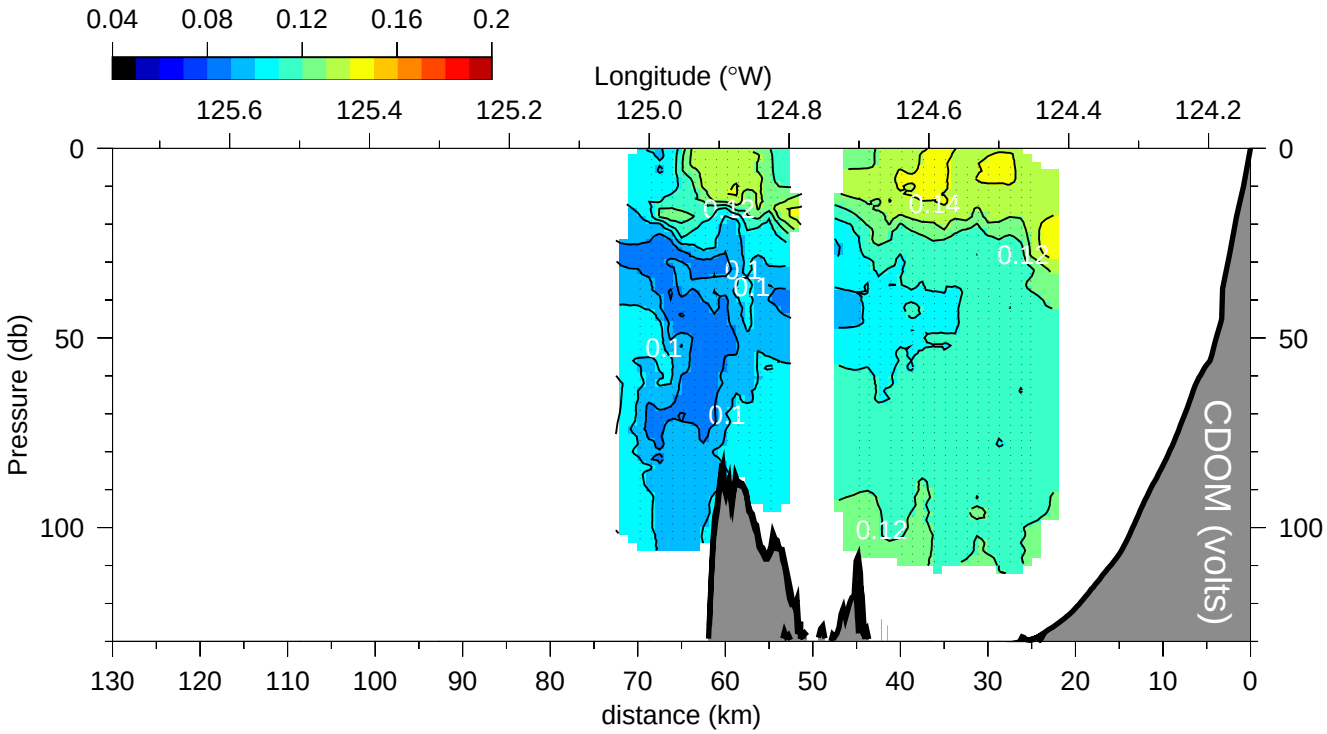




R0208: Middle line 4.2

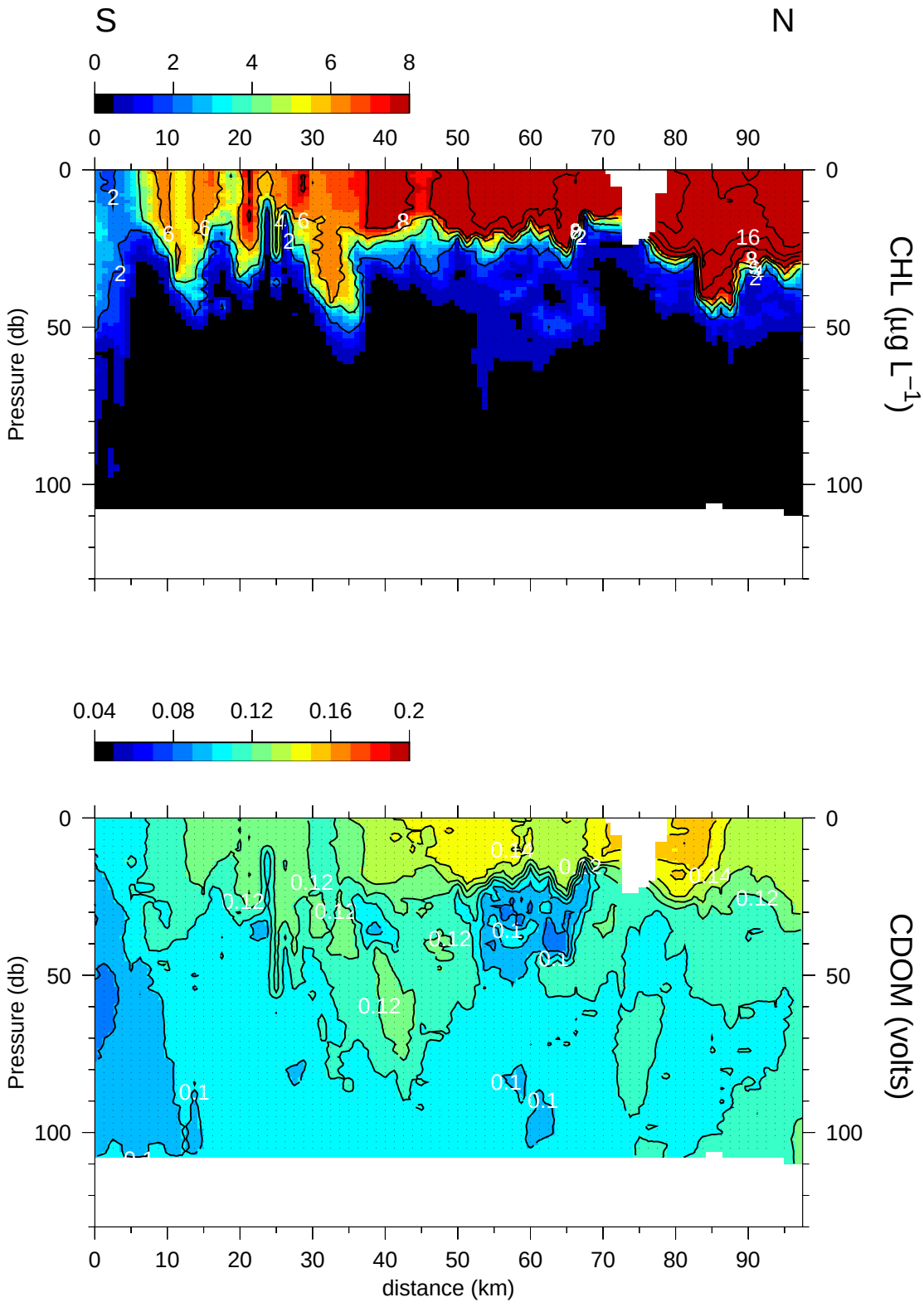
line 4.2 at 43.999 °N (12-Aug-2002 01:40 - 12-Aug-2002 06:25)





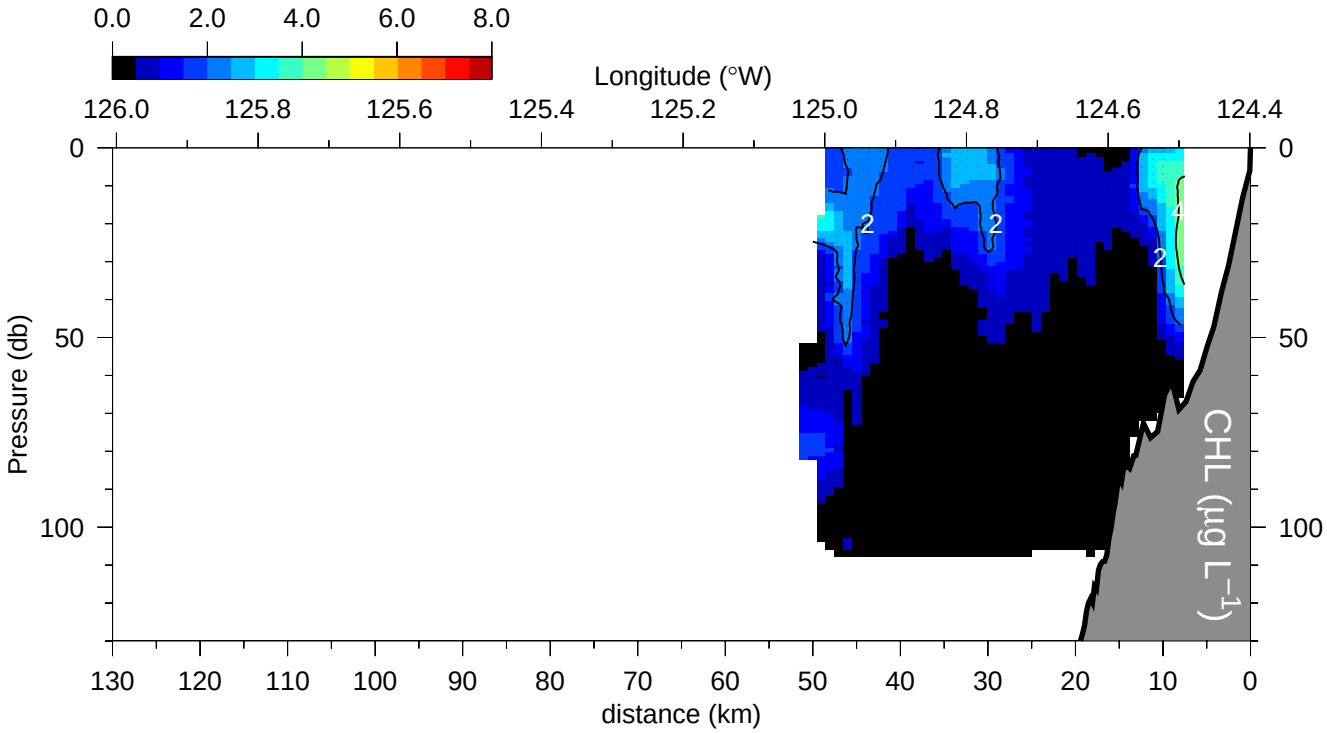
R0208: Middle line 4_7

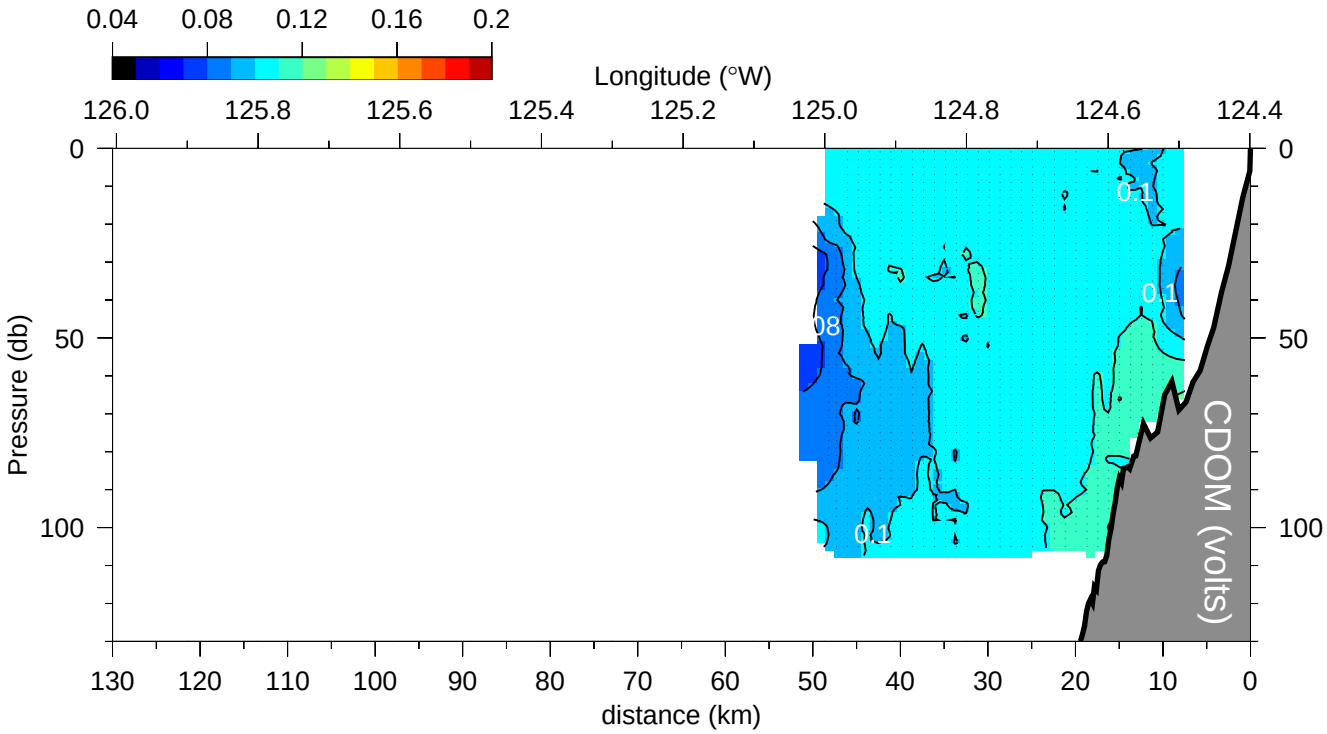
line 4_7 at 43.608 °N (12-Aug-2002 06:28 - 12-Aug-2002 13:10)



R0208: Middle line 7

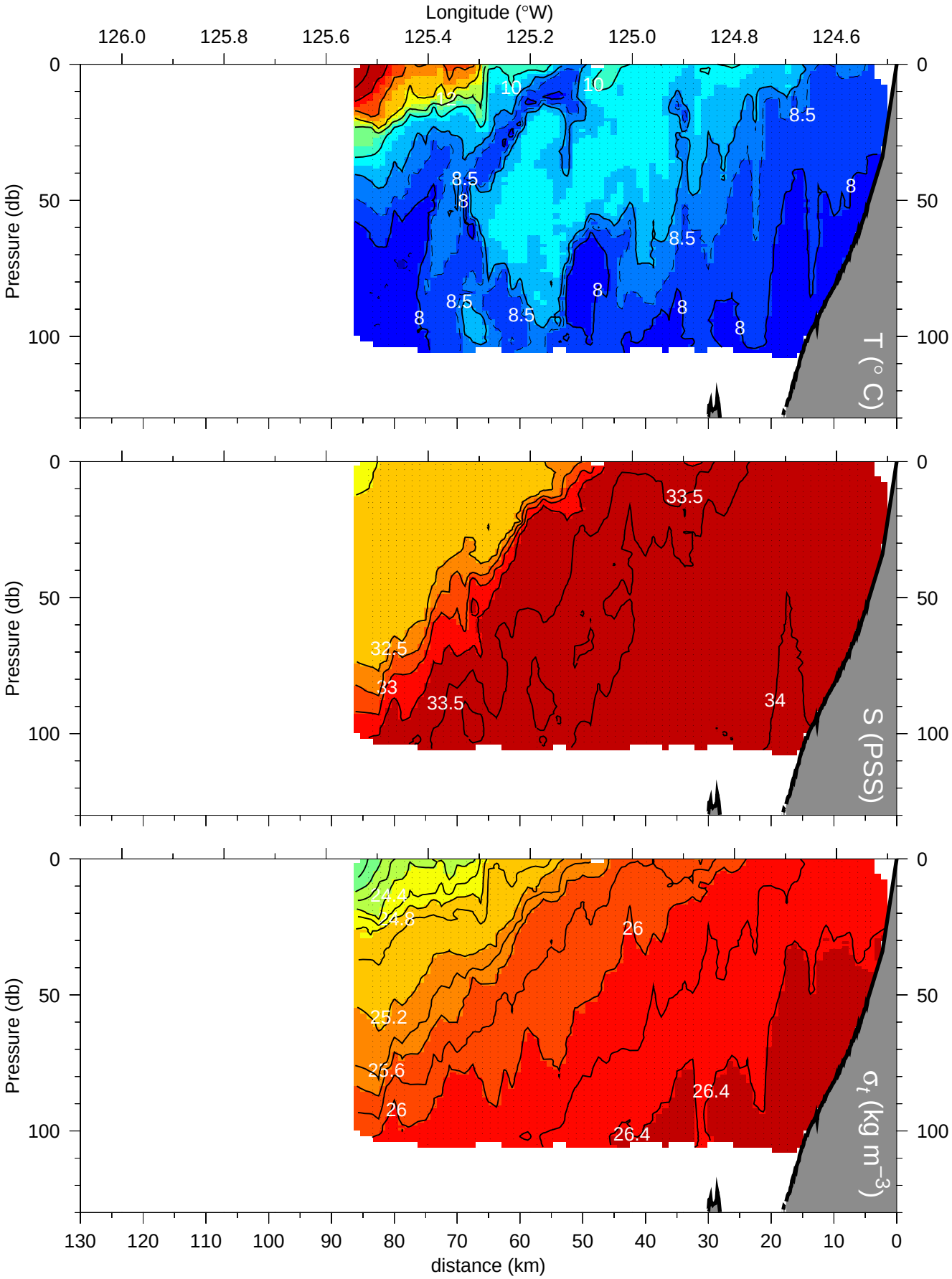
line 7 at 43.217 °N (12-Aug-2002 13:12 - 12-Aug-2002 15:57)





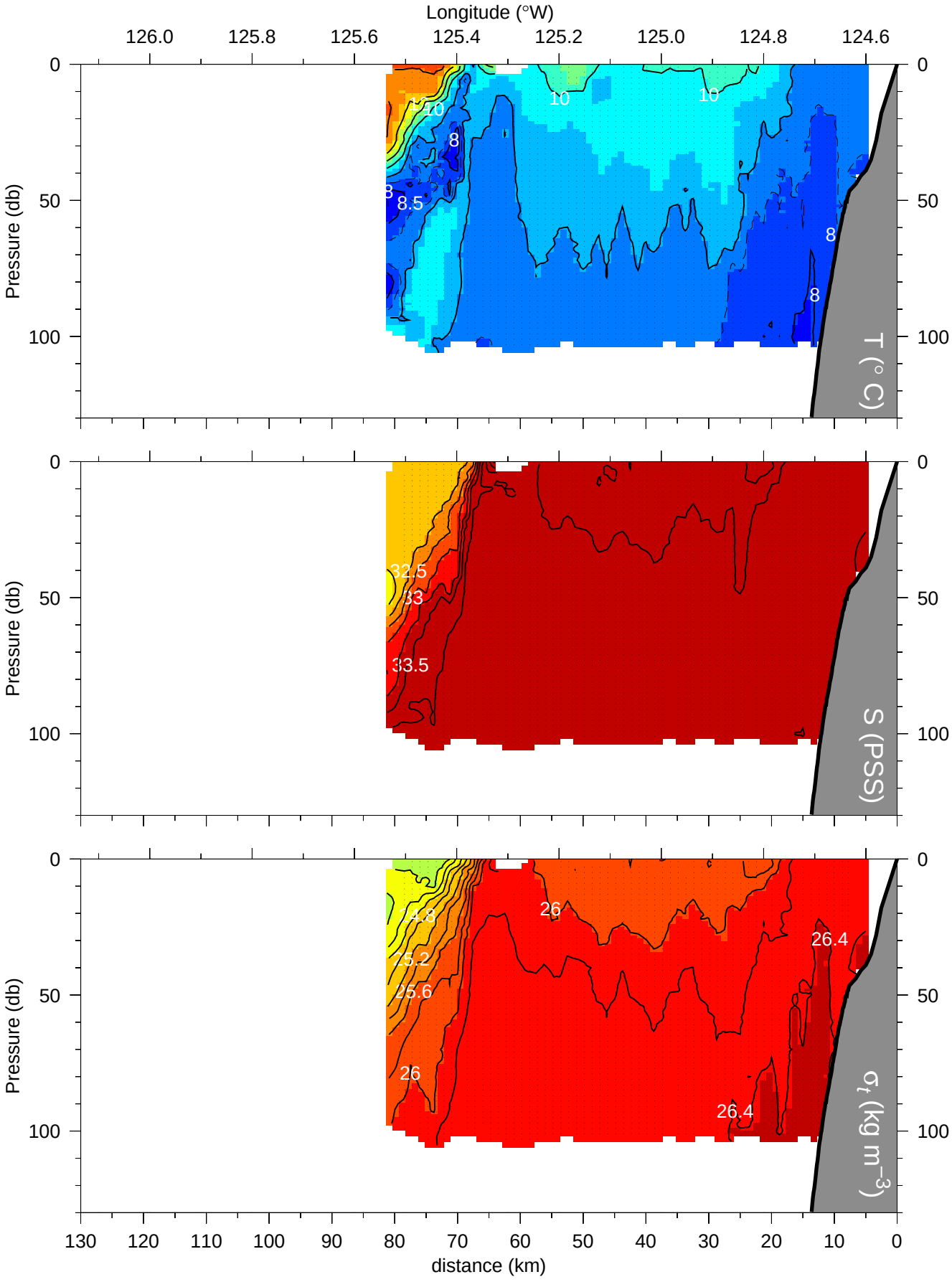
R0208: South line 8

line 8 at 42.950 °N (13-Aug-2002 23:50 - 14-Aug-2002 05:44)



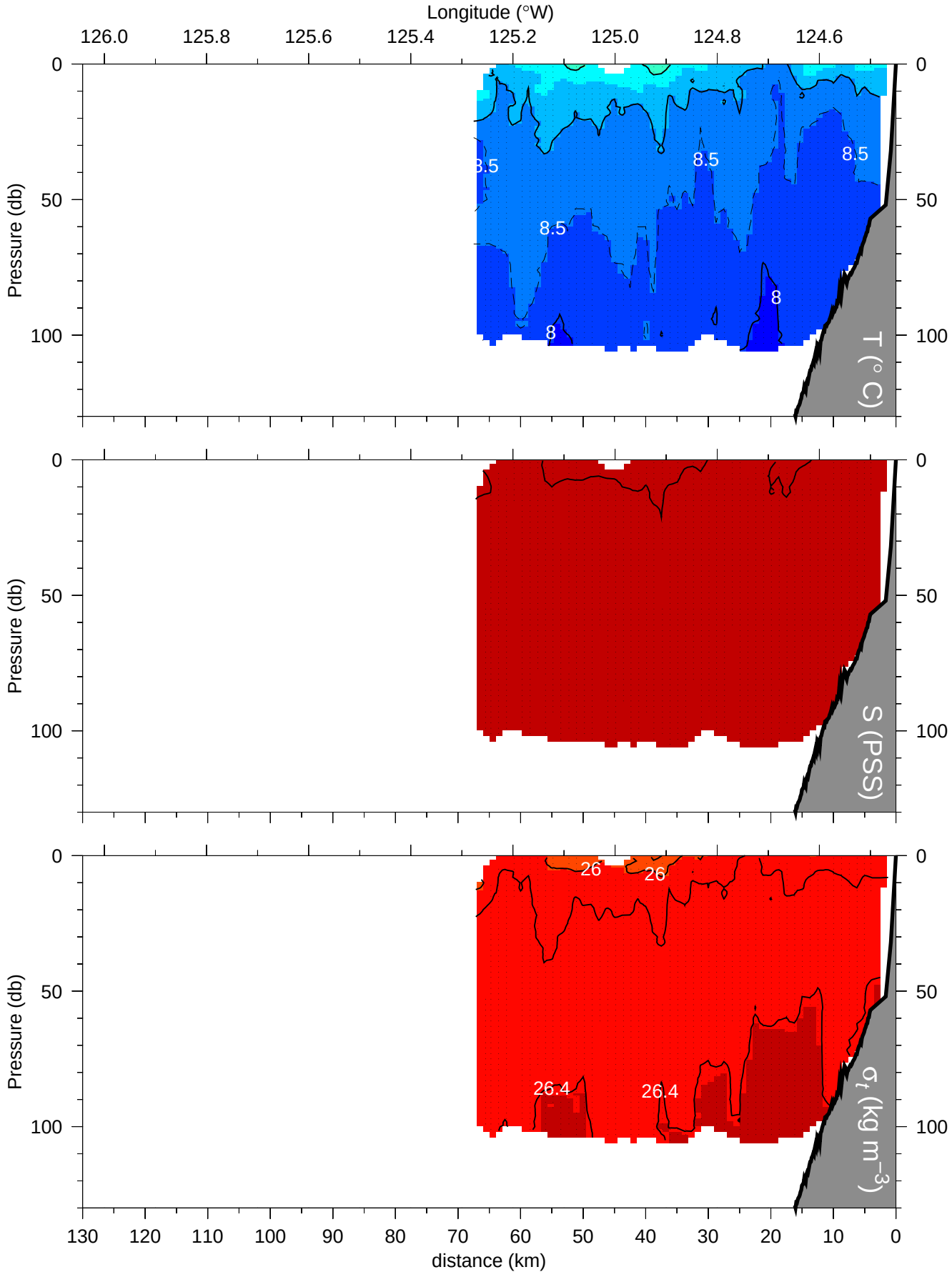
R0208: South line 8a

line 8a at 42.817 °N (14-Aug-2002 06:48 - 14-Aug-2002 12:21)



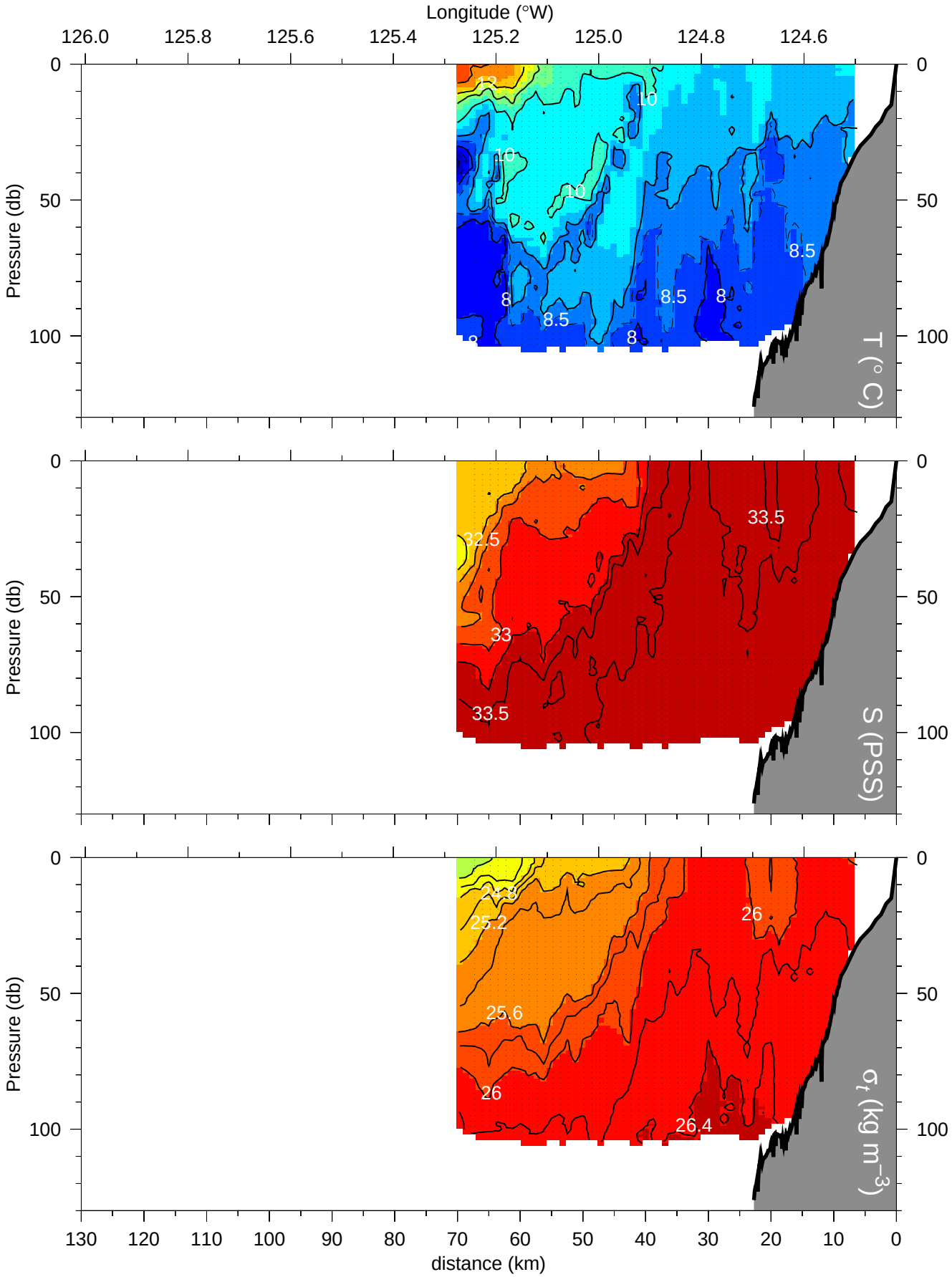
R0208: South line 9

line 9 at 42.683 °N (14-Aug-2002 13:56 - 14-Aug-2002 19:25)



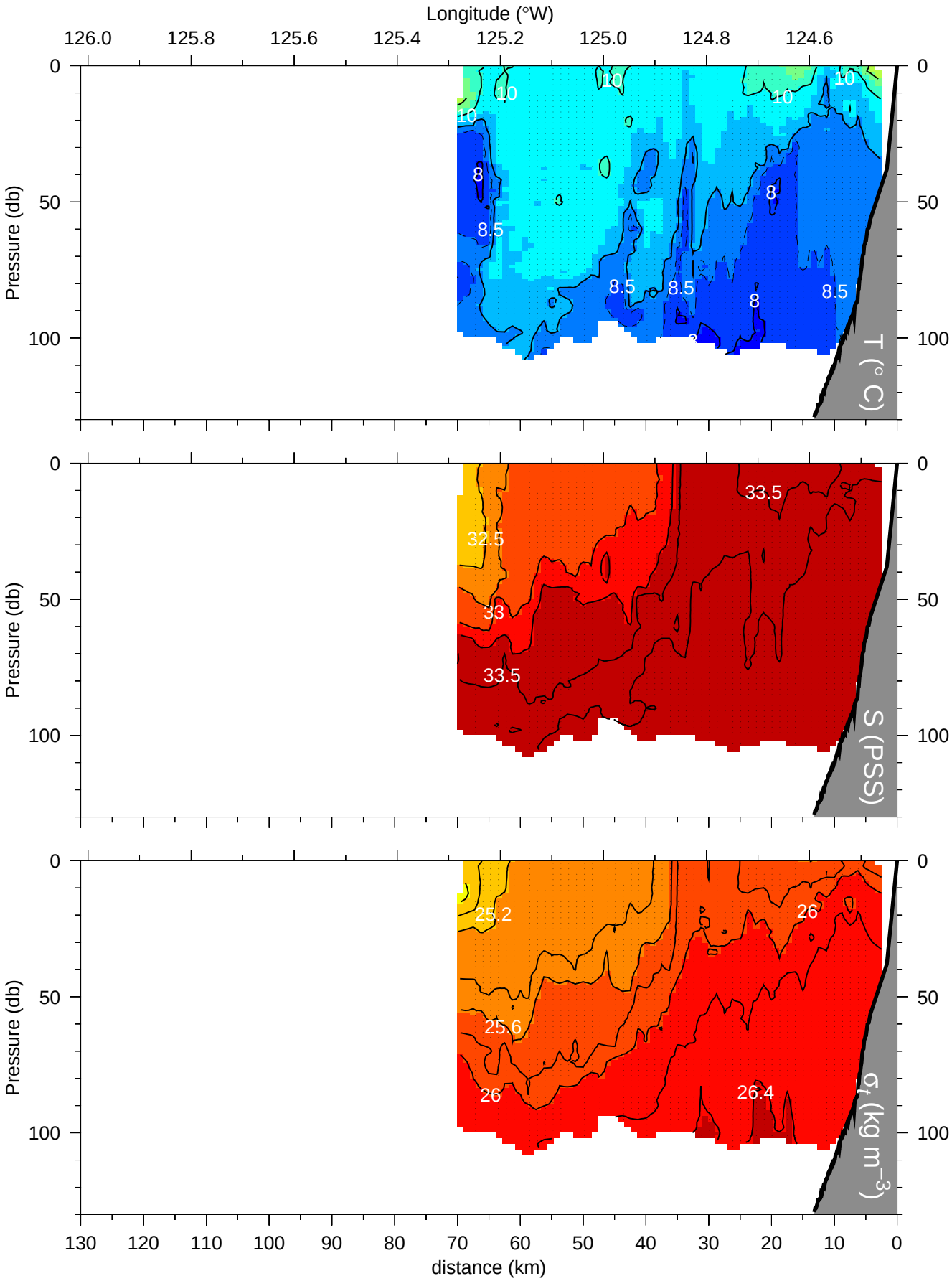
R0208: South line 10

line 10 at 42.500 °N (14-Aug-2002 21:08 - 15-Aug-2002 01:19)



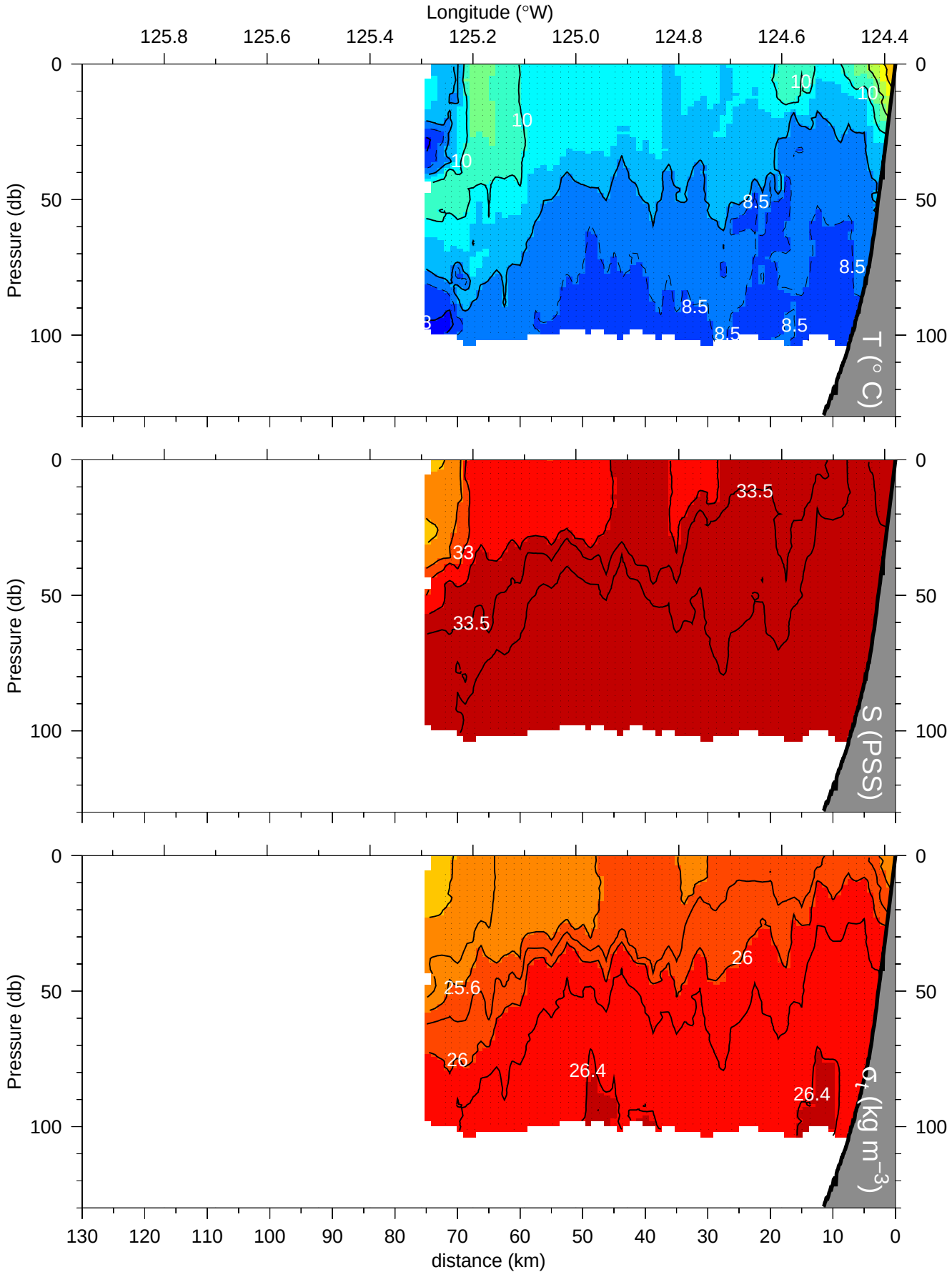
R0208: South line 10a

line 10a at 42.349 °N (15-Aug-2002 02:48 - 15-Aug-2002 07:07)



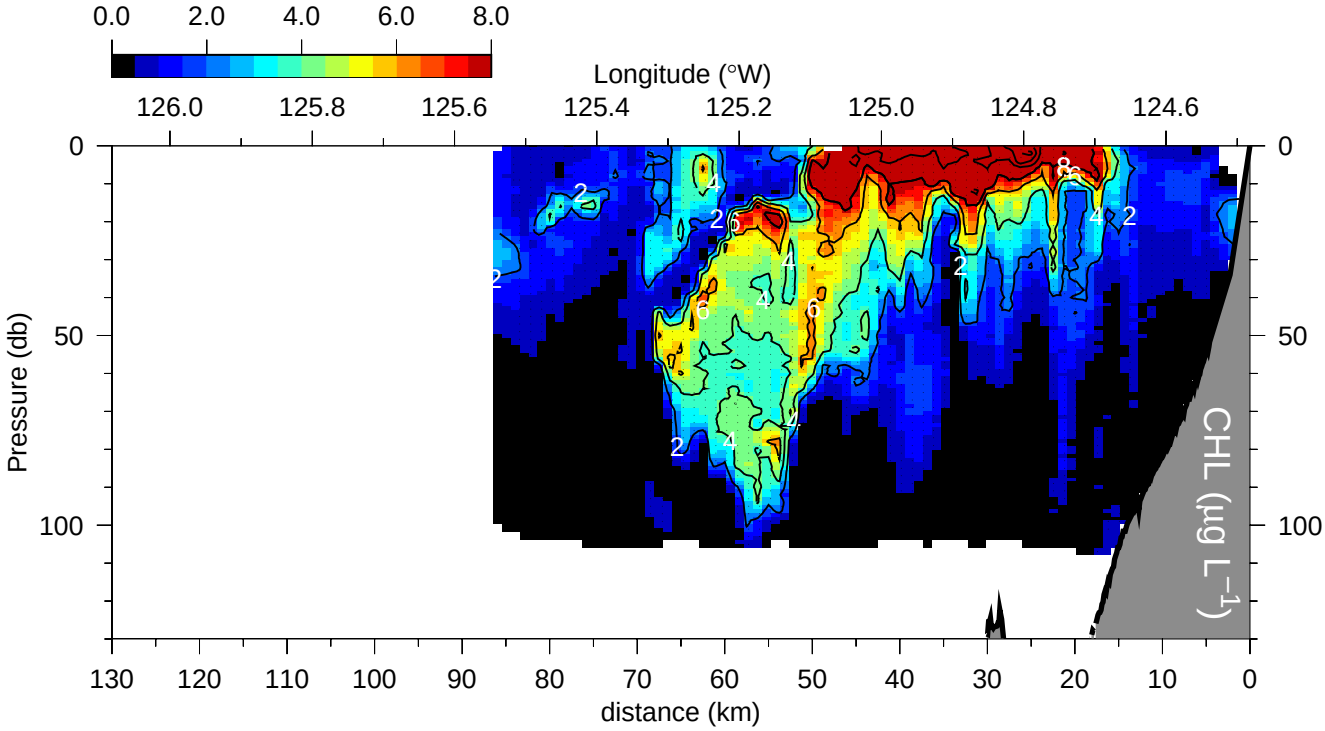
R0208: South line 11

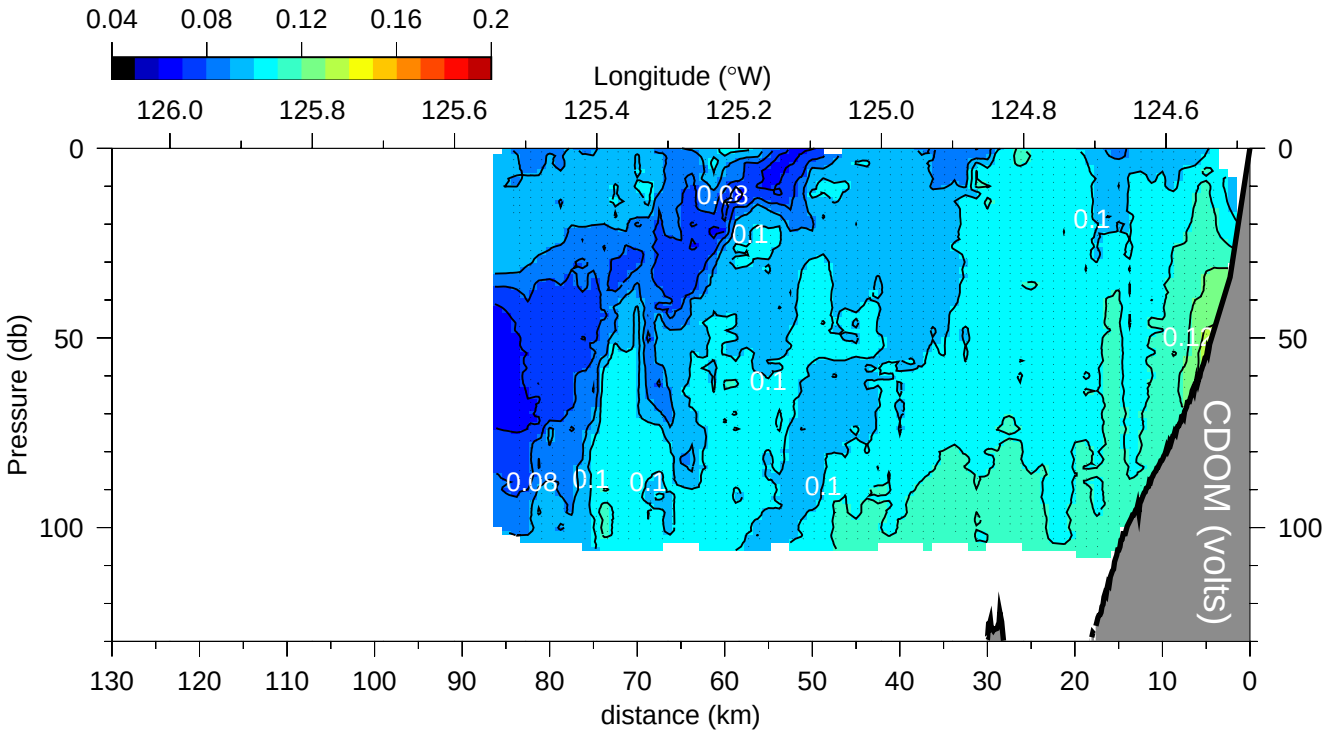
line 11 at 42.200 °N (15-Aug-2002 08:23 - 15-Aug-2002 13:34)



R0208: South line 8

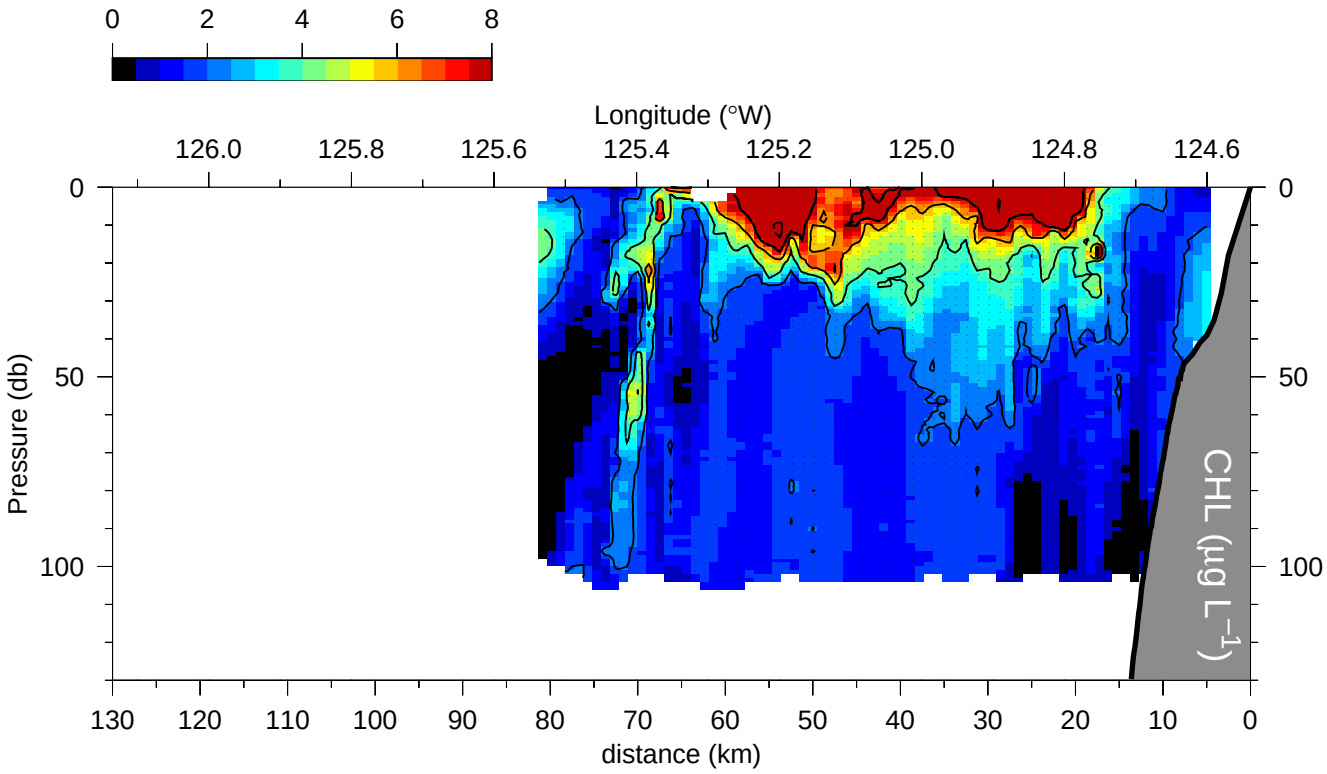
line 8 at 42.950 °N (13-Aug-2002 23:50 - 14-Aug-2002 05:44)





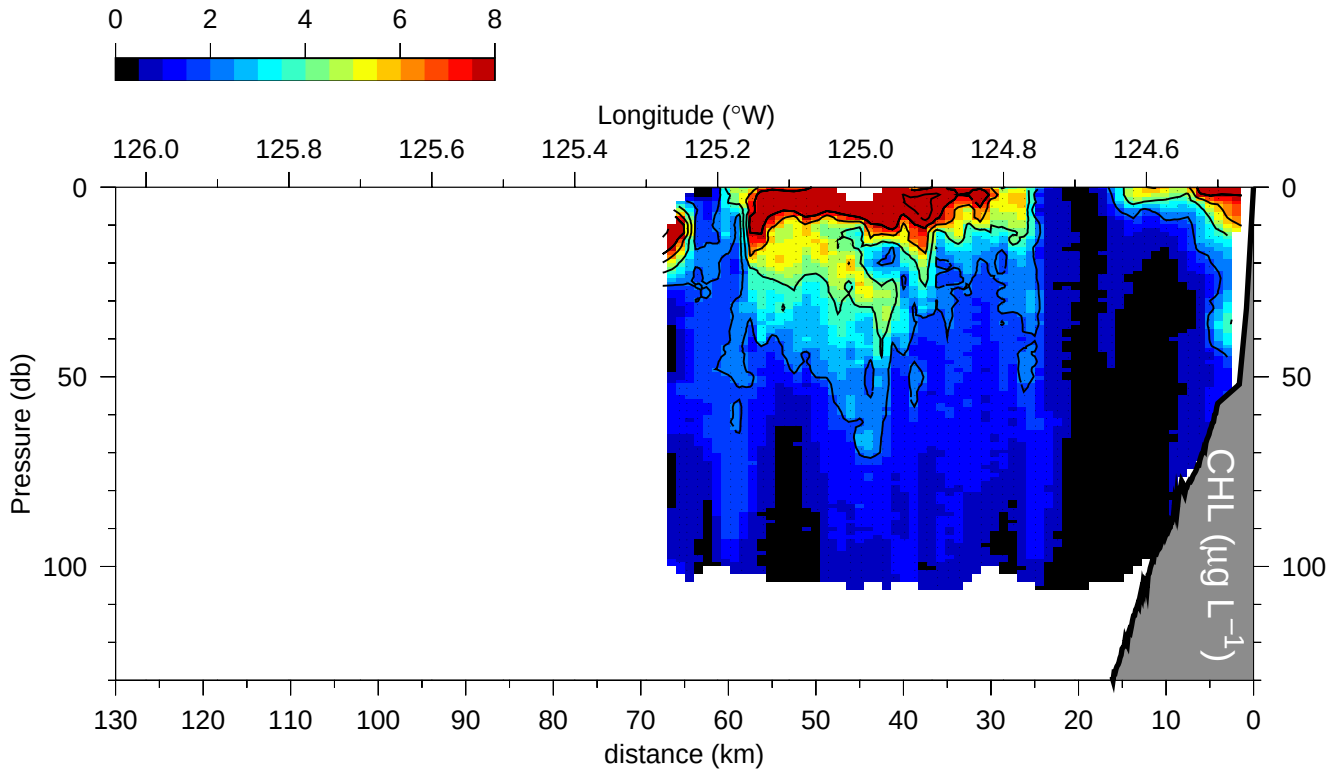
R0208: South line 8a

line 8a at 42.817 °N (14-Aug-2002 06:48 - 14-Aug-2002 12:21)



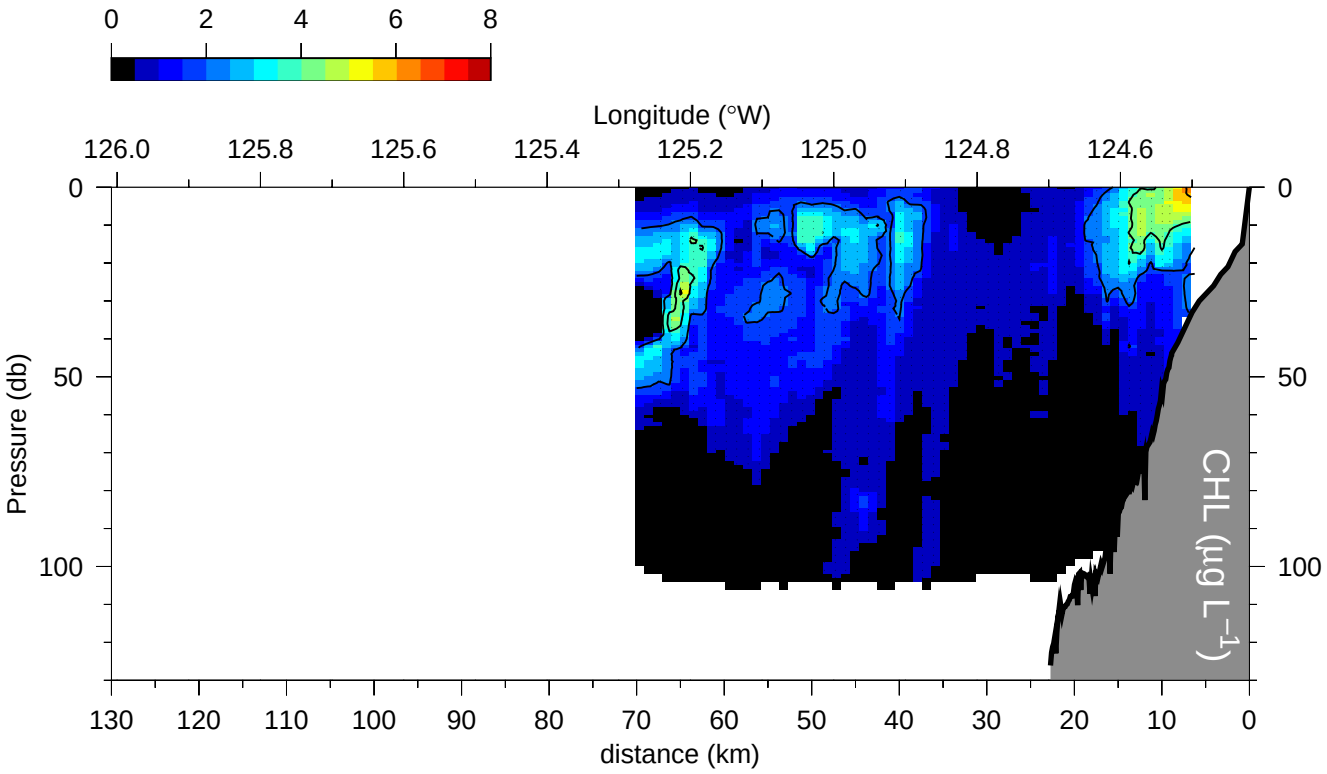
R0208: South line 9

line 9 at 42.683 °N (14-Aug-2002 13:56 - 14-Aug-2002 19:25)



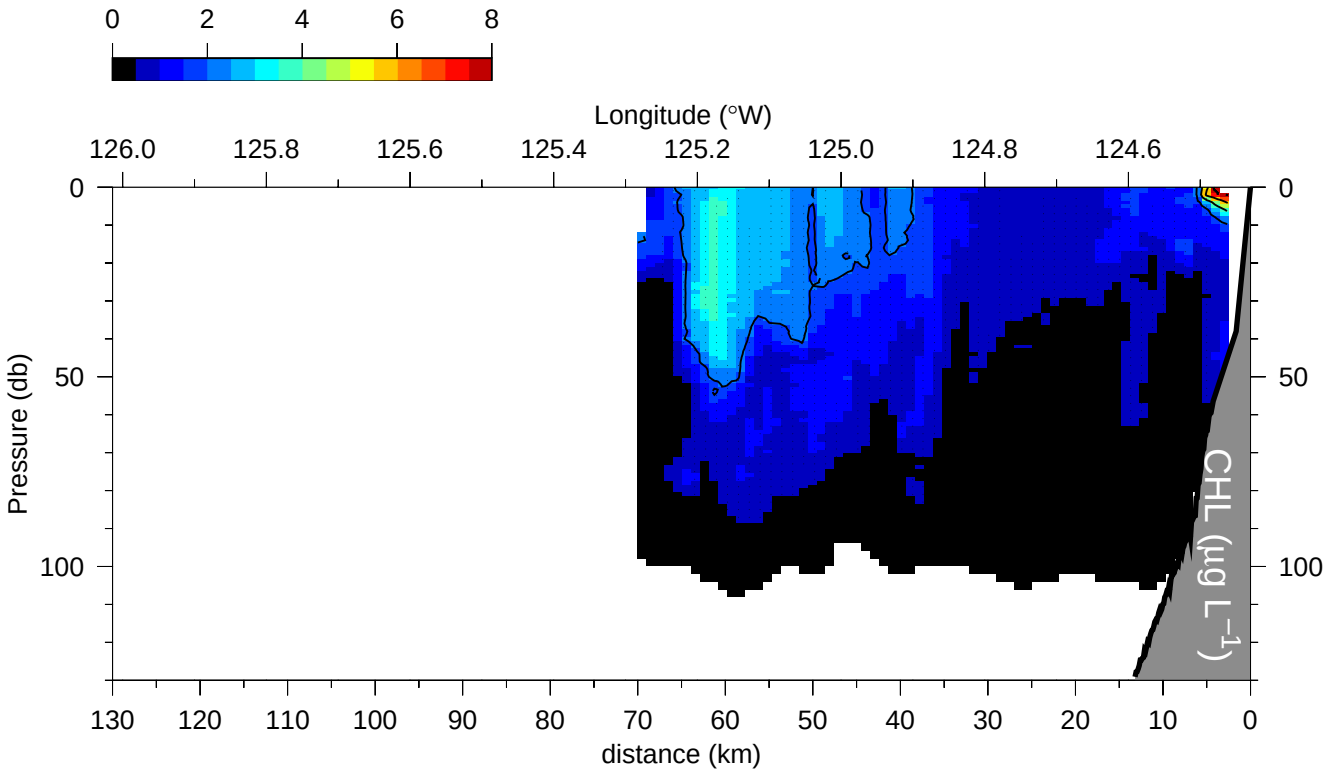
R0208: South line 10

line 10 at 42.500 °N (14-Aug-2002 21:08 - 15-Aug-2002 01:19)



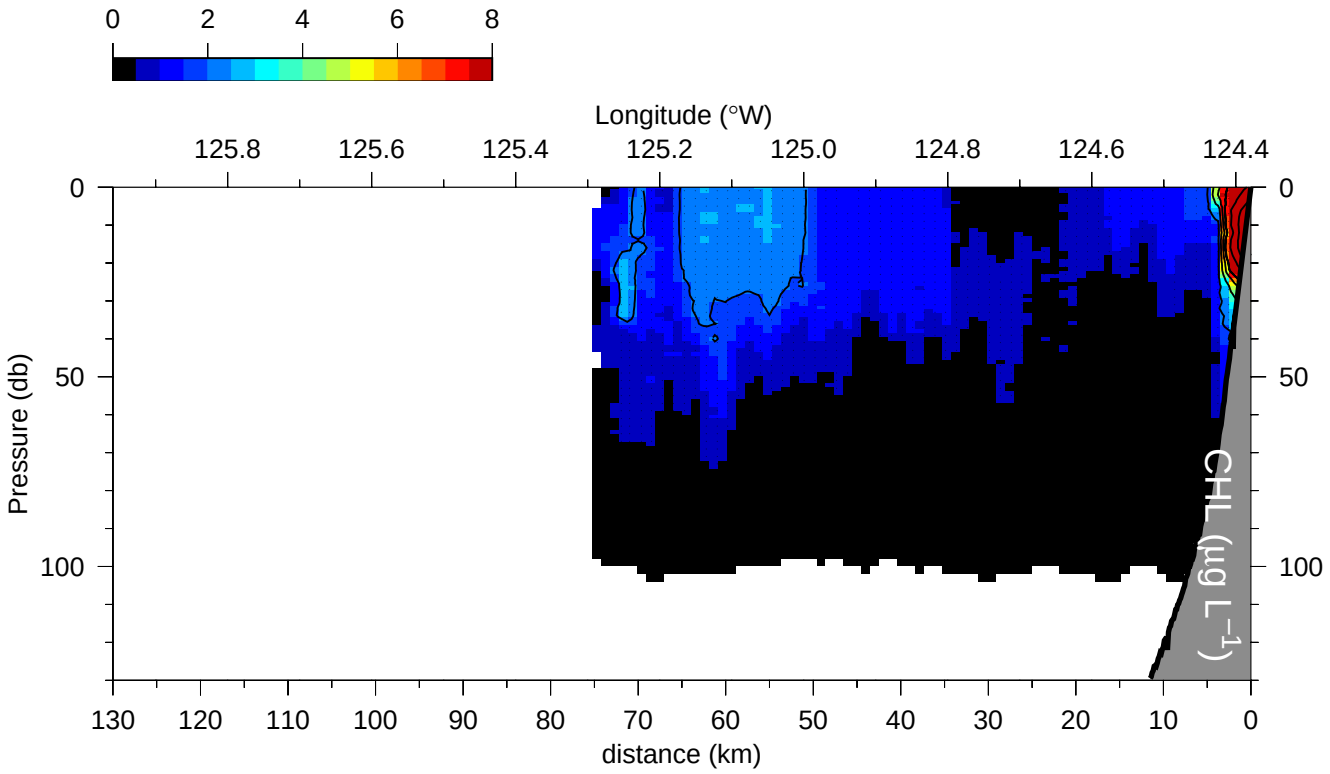
R0208: South line 10a

line 10a at 42.349 °N (15-Aug-2002 02:48 - 15-Aug-2002 07:07)



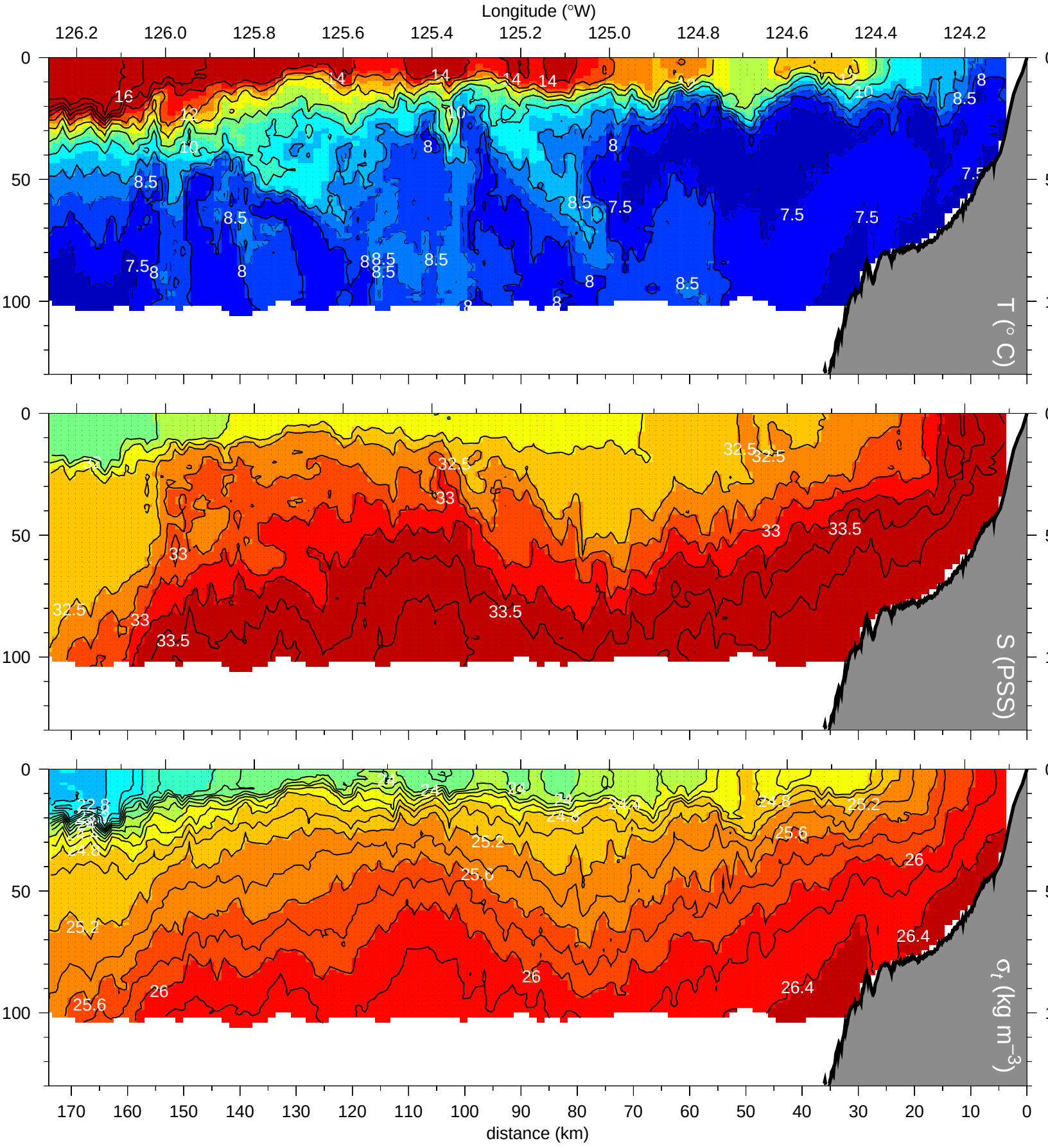
R0208: South line 11

line 11 at 42.200 °N (15-Aug-2002 08:23 - 15-Aug-2002 13:34)



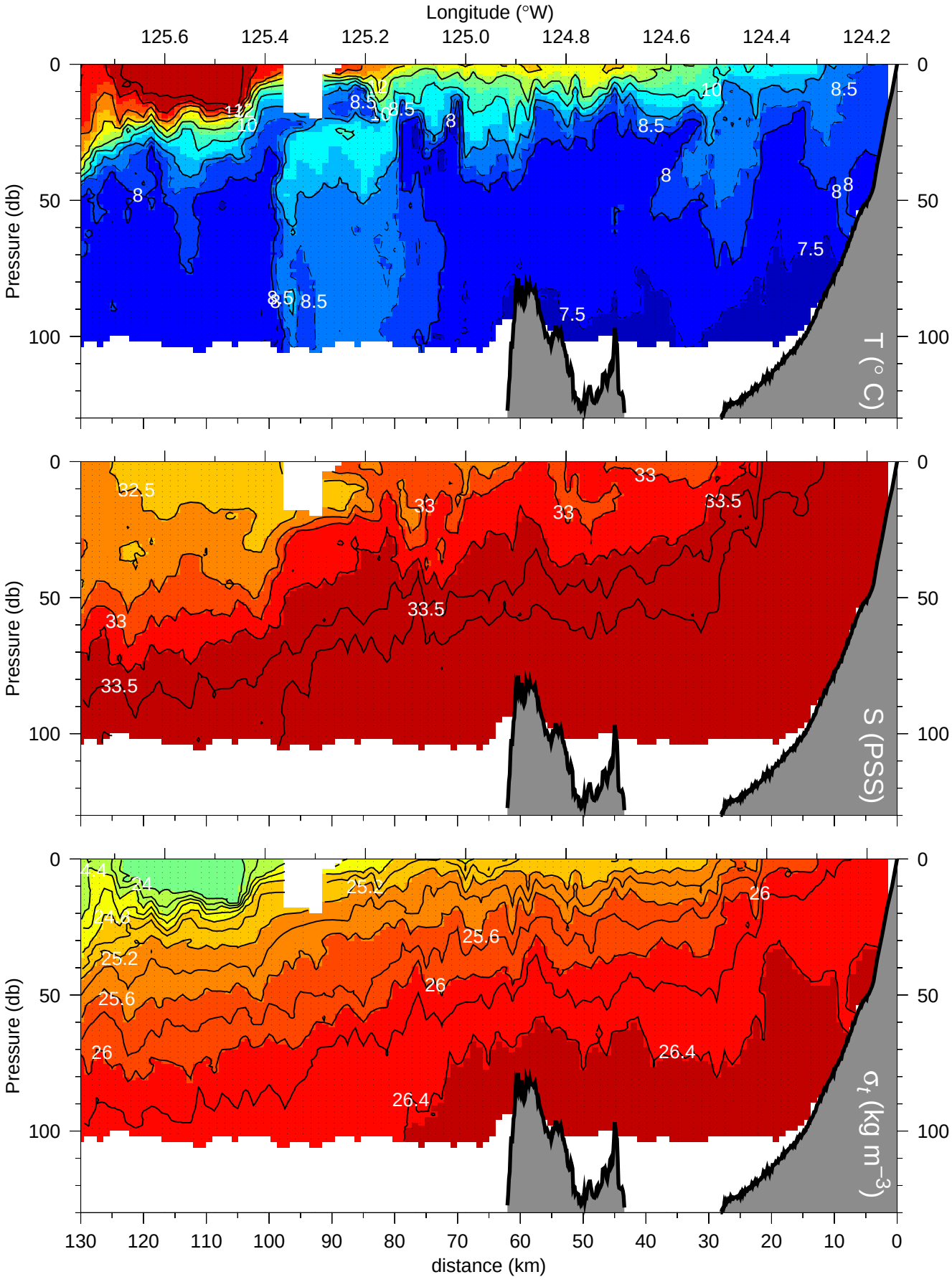
R0208: Meso2 line 1.2

line 1.2 at 44.651 °N (18-Aug-2002 21:45 - 19-Aug-2002 10:32)



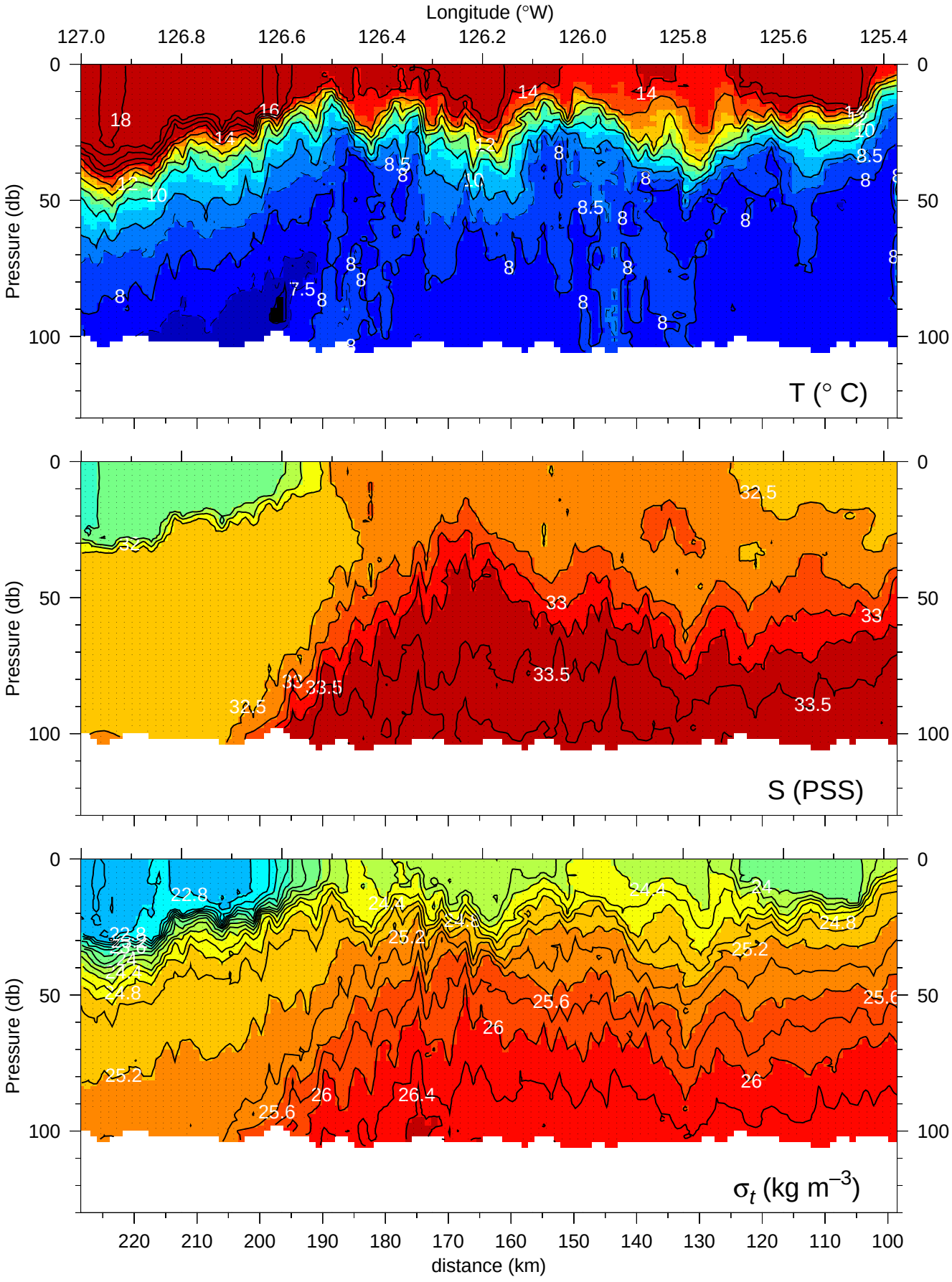
R0208: Meso2 line 4 inshore

line 4 at 44.001 °N (17-Aug-2002 17:23 - 18-Aug-2002 09:42)



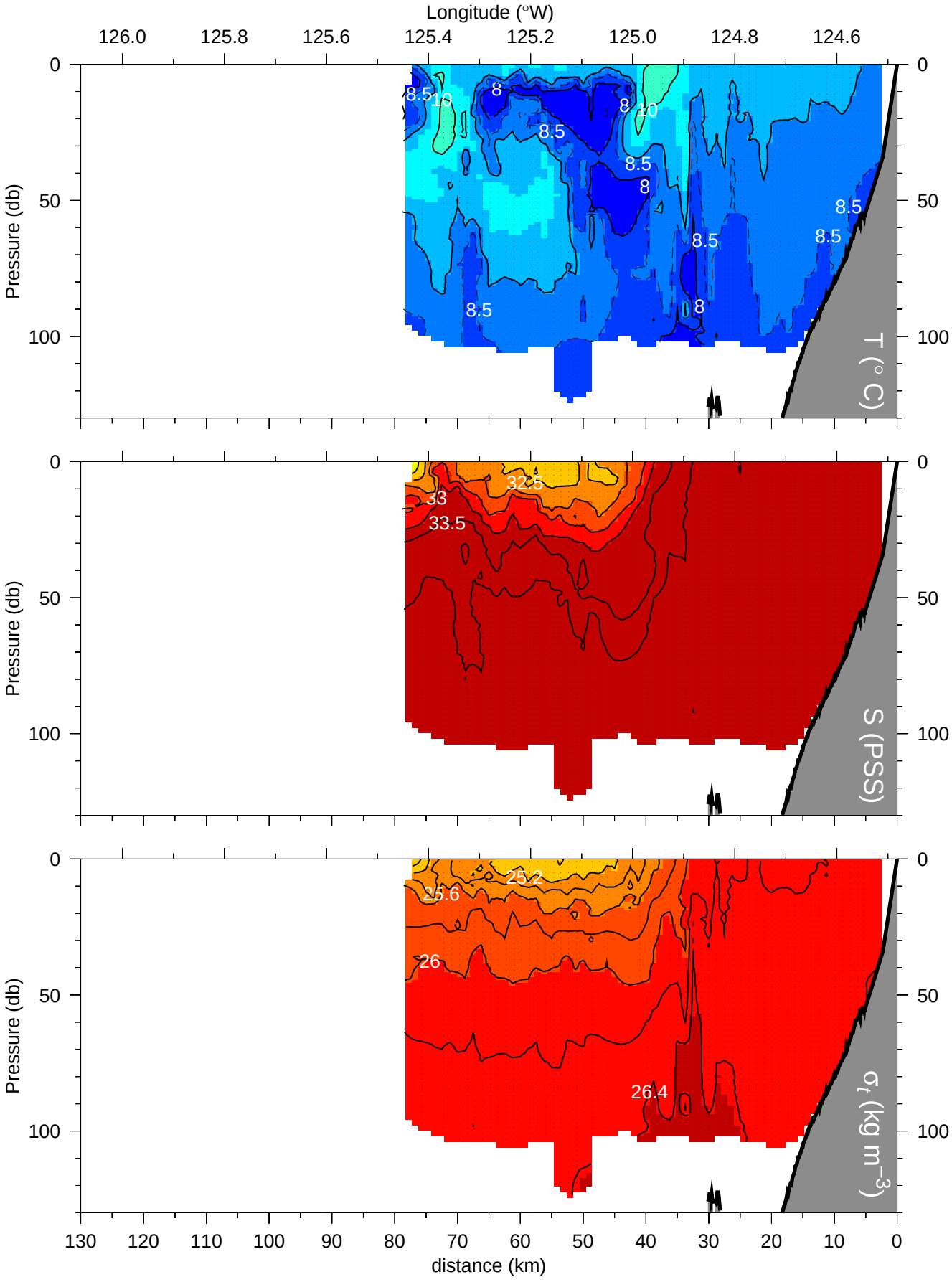
R0208: Meso2 line 4 offshore

line 4 at 44.001 °N (17-Aug-2002 17:23 - 18-Aug-2002 09:42)



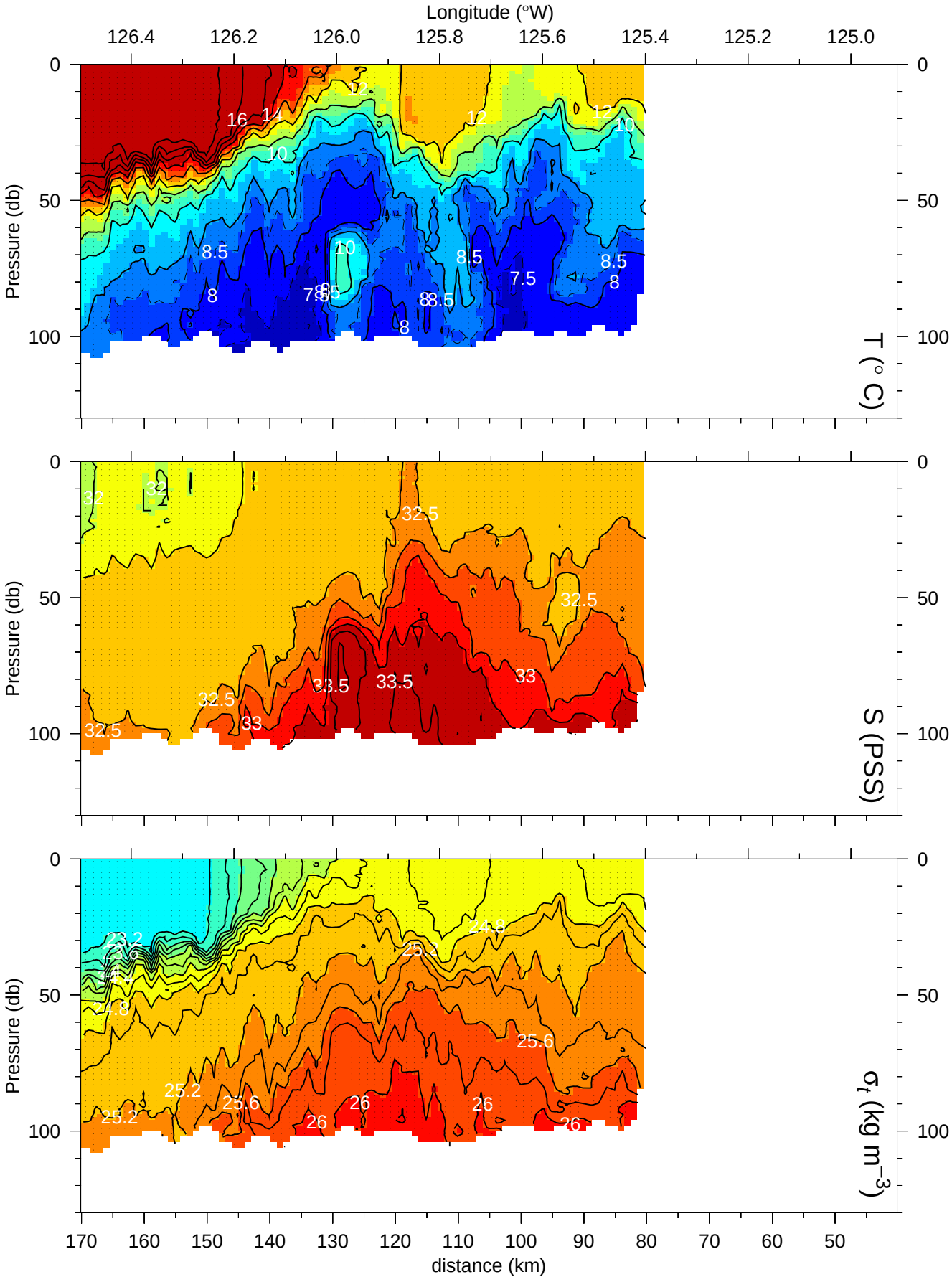
R0208: Meso2 line 8

line 8 at 42.949 °N (16-Aug-2002 23:55 - 17-Aug-2002 08:34)



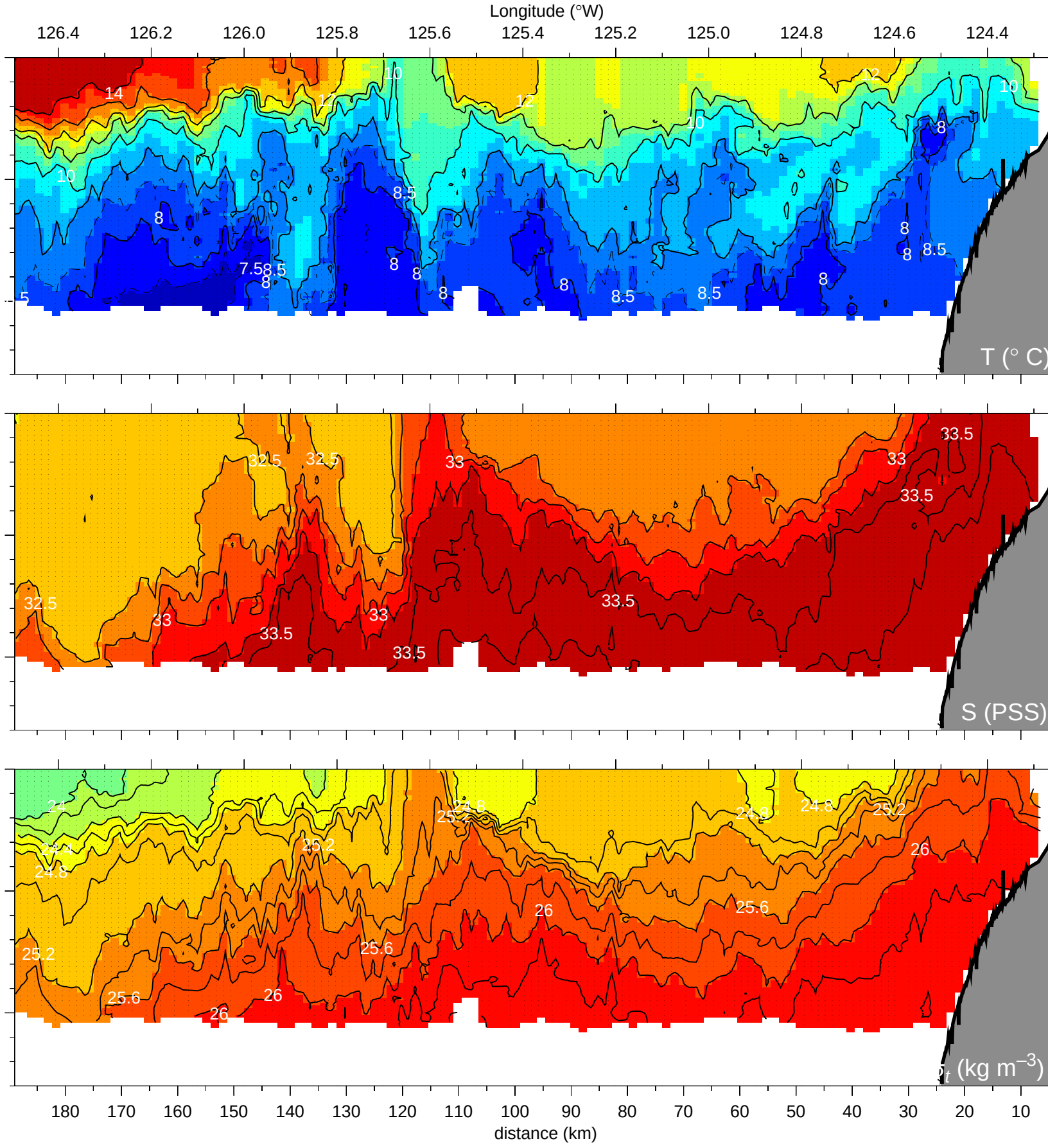
R0208: Meso2 line 10

line 10 at 42.500 °N (16-Aug-2002 13:39 - 16-Aug-2002 20:22)



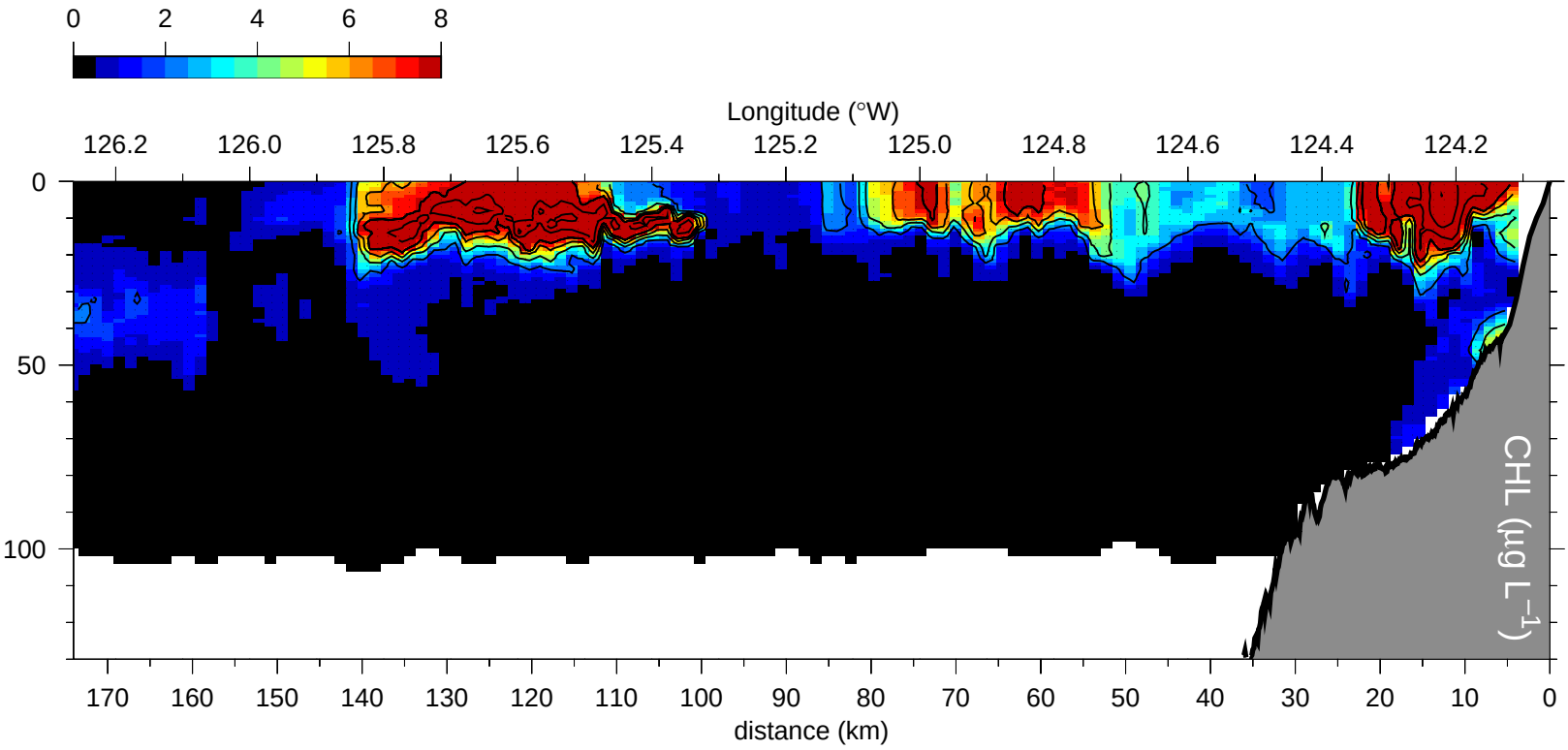
R0208: Meso2 line 12

line 12 at 41.901 °N (15-Aug-2002 16:31 - 16-Aug-2002 05:41)



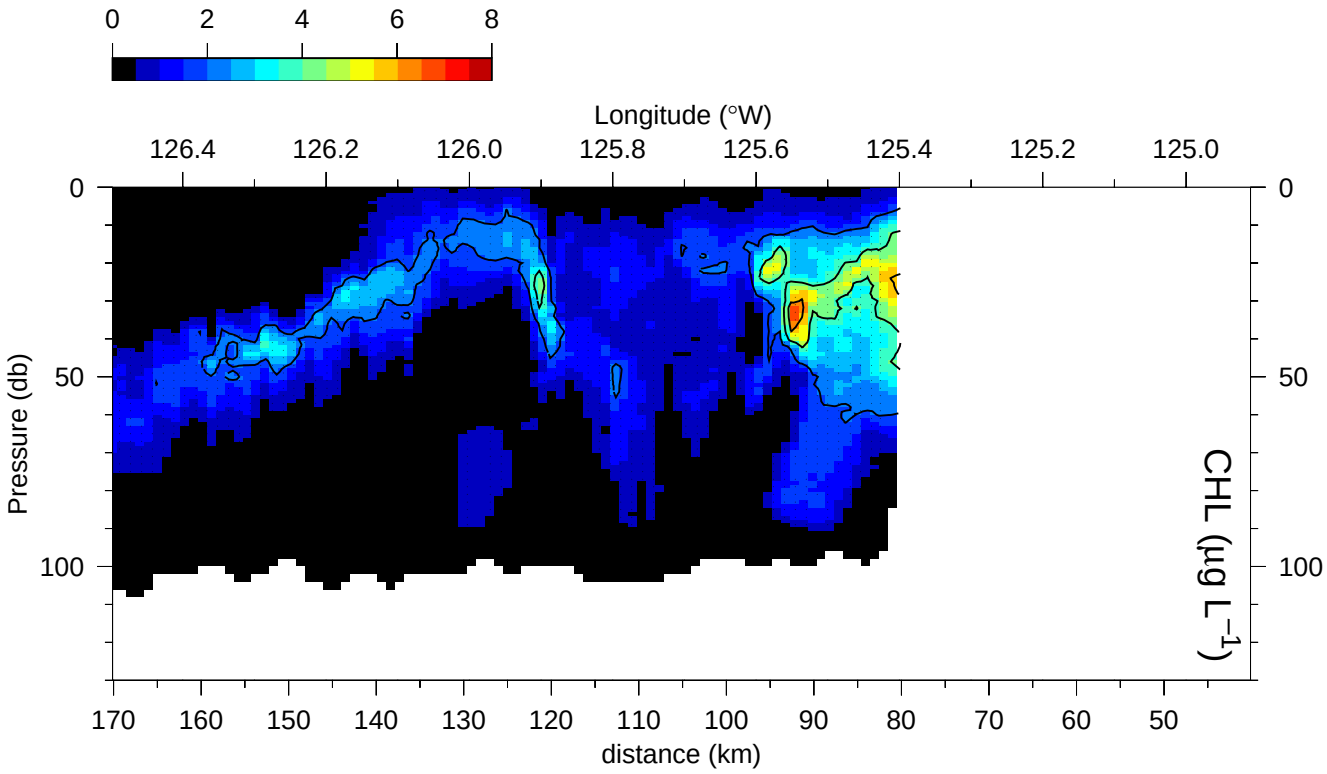
R0208: Meso2 line 1.2

line 1.2 at 44.651 °N (18-Aug-2002 21:45 - 19-Aug-2002 10:32)



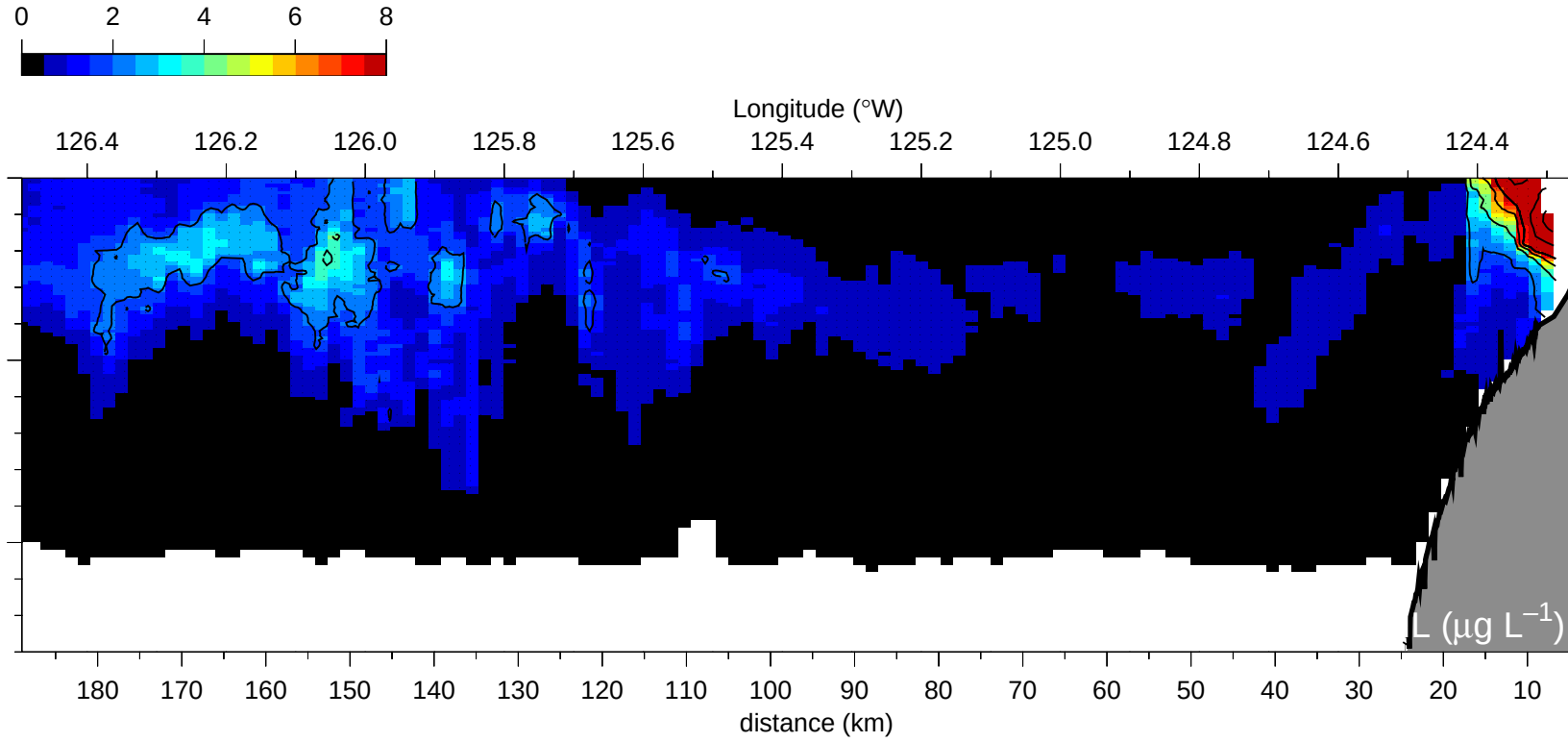
R0208: Meso2 line 10

line 10 at 42.500 °N (16-Aug-2002 13:39 - 16-Aug-2002 20:22)



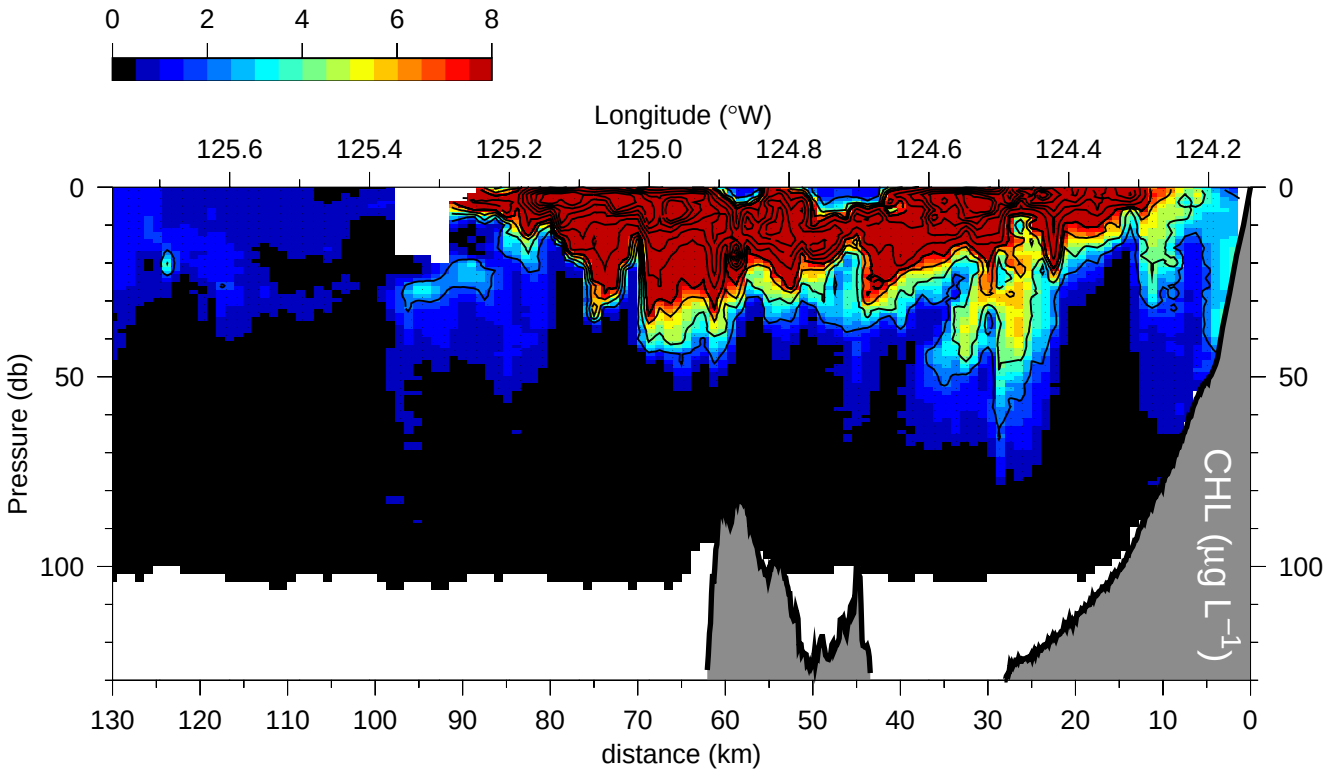
R0208: Meso2 line 12

line 12 at 41.901 °N (15-Aug-2002 16:31 - 16-Aug-2002 05:41)



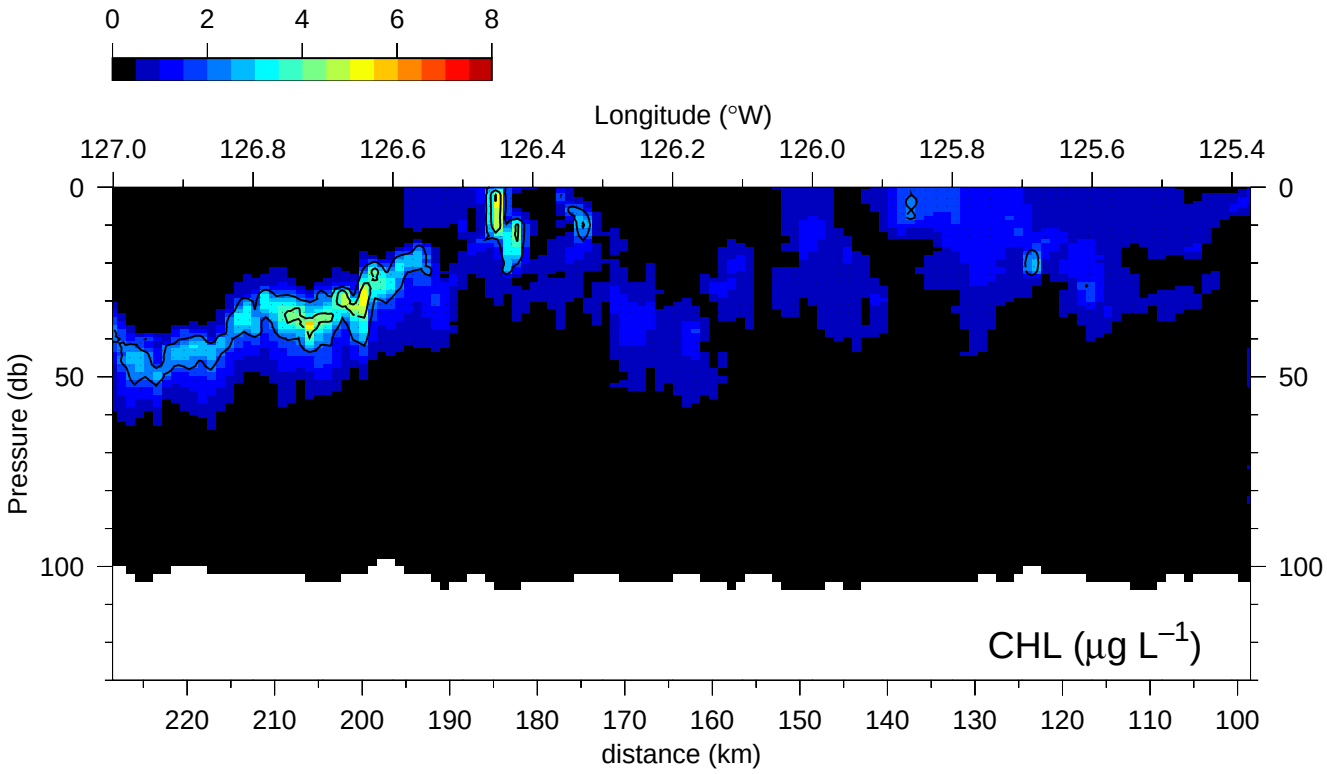
R0208: Meso2 line 4 inshore

line 4 at 44.001 °N (17-Aug-2002 17:23 - 18-Aug-2002 09:42)



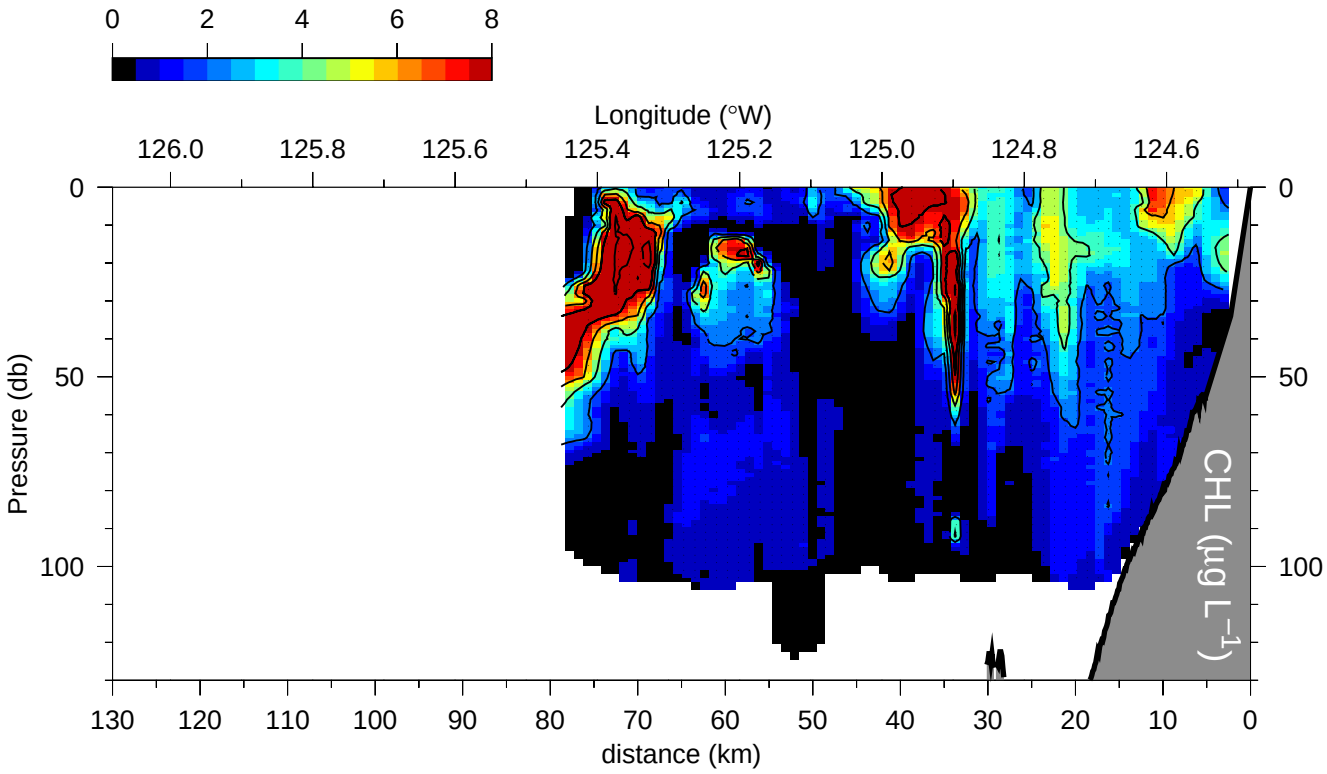
R0208: Meso2 line 4 offshore

line 4 at 44.001 °N (17-Aug-2002 17:23 - 18-Aug-2002 09:42)



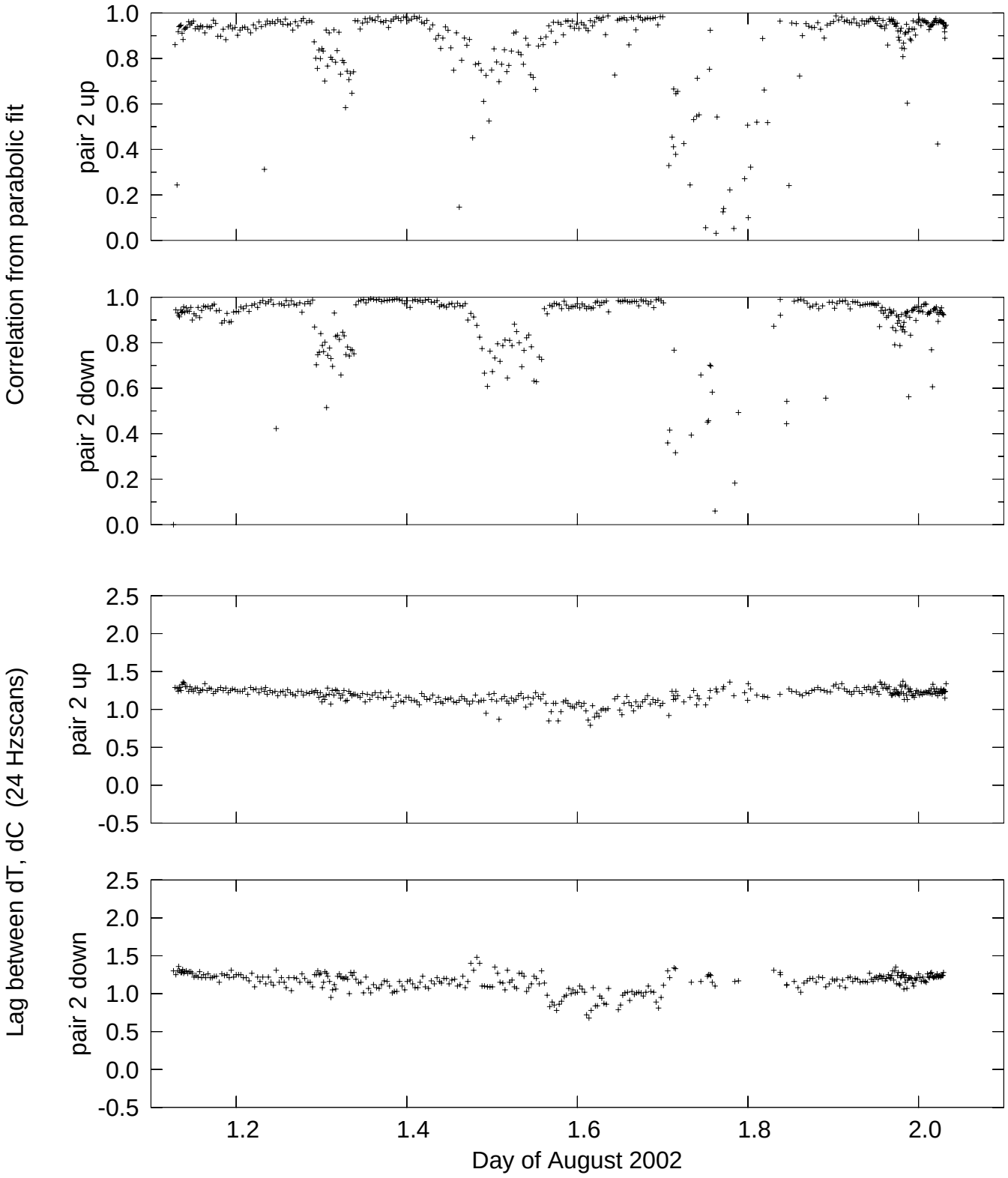
R0208: Meso2 line 8

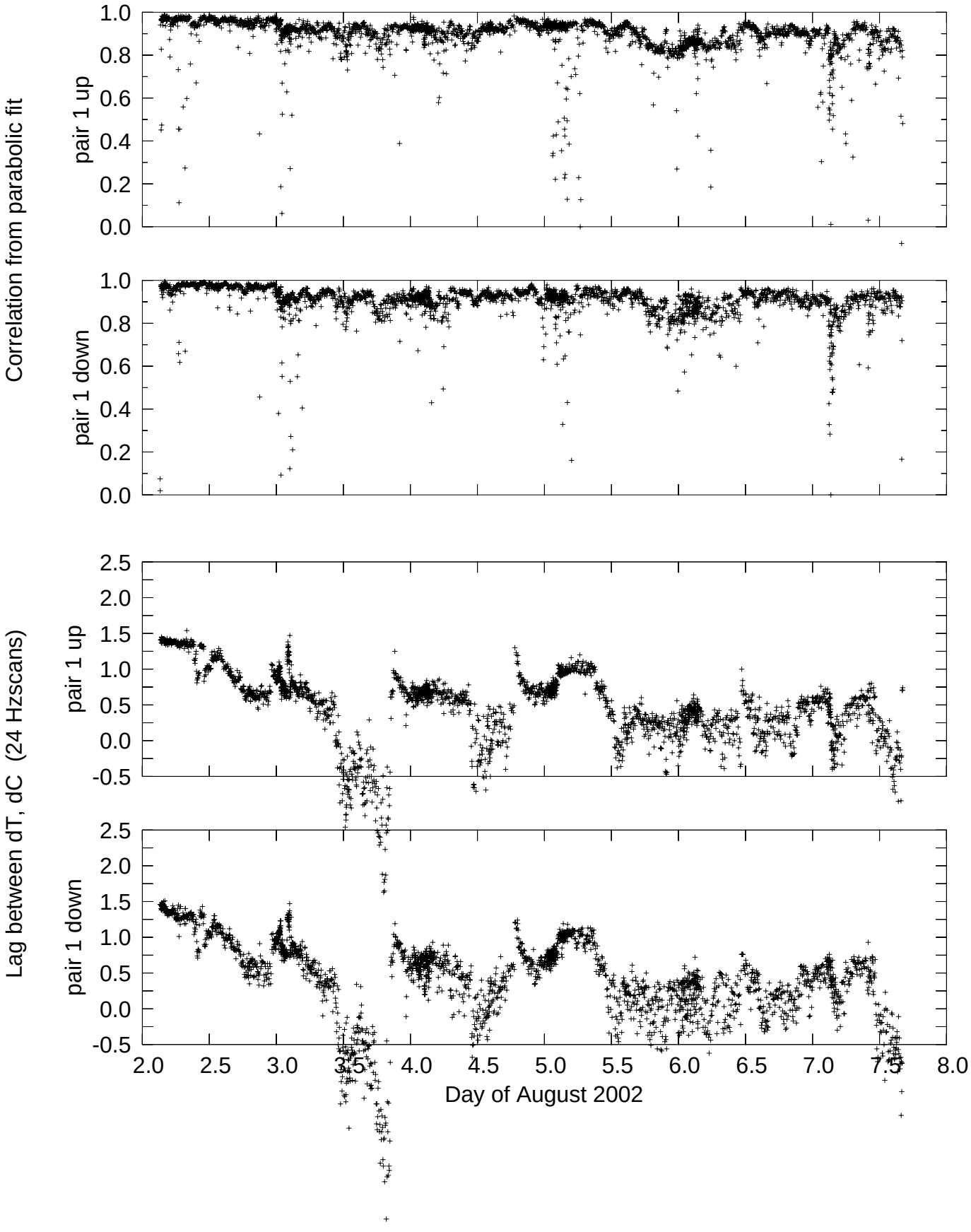
line 8 at 42.949 °N (16-Aug-2002 23:55 - 17-Aug-2002 08:34)

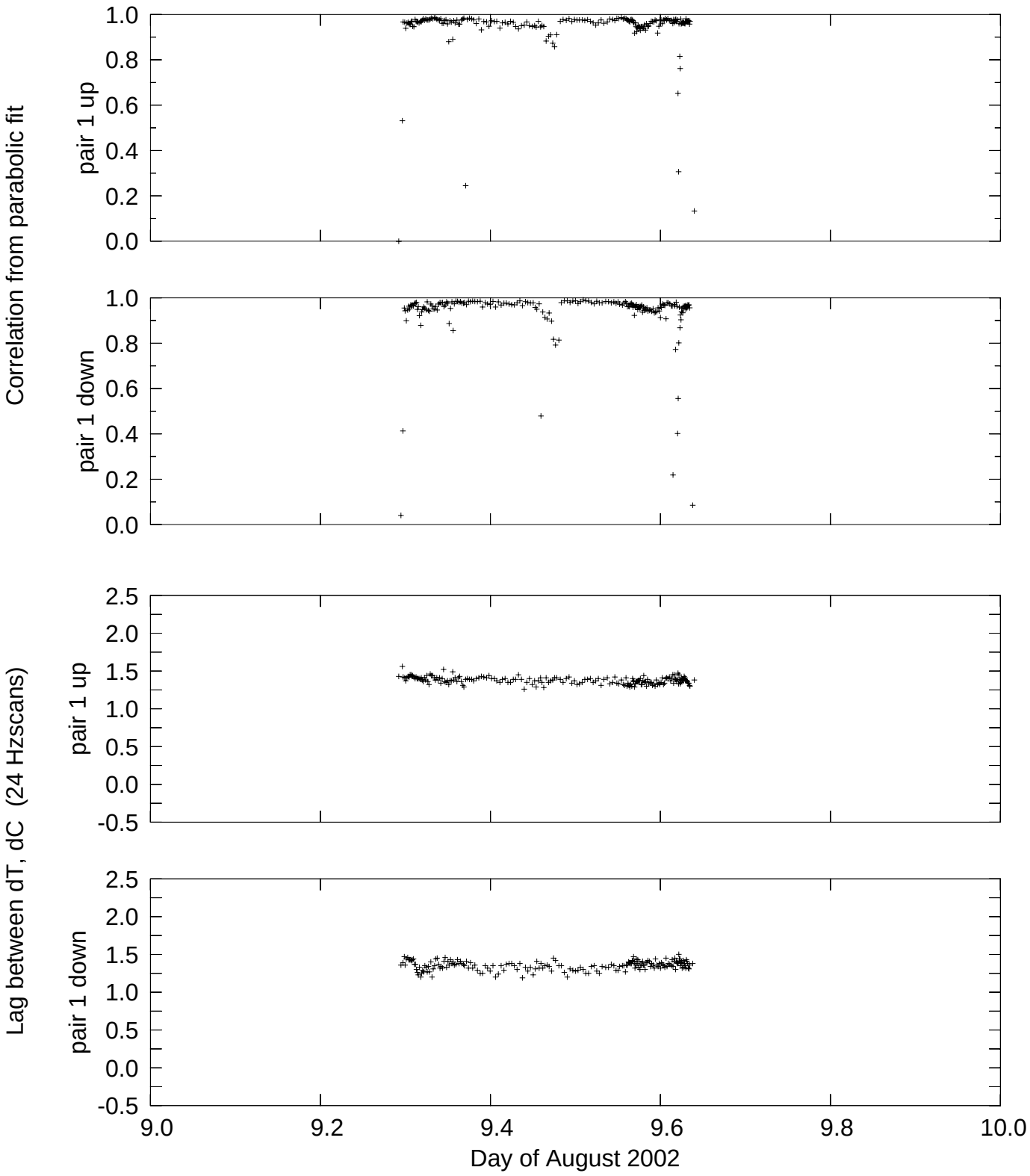


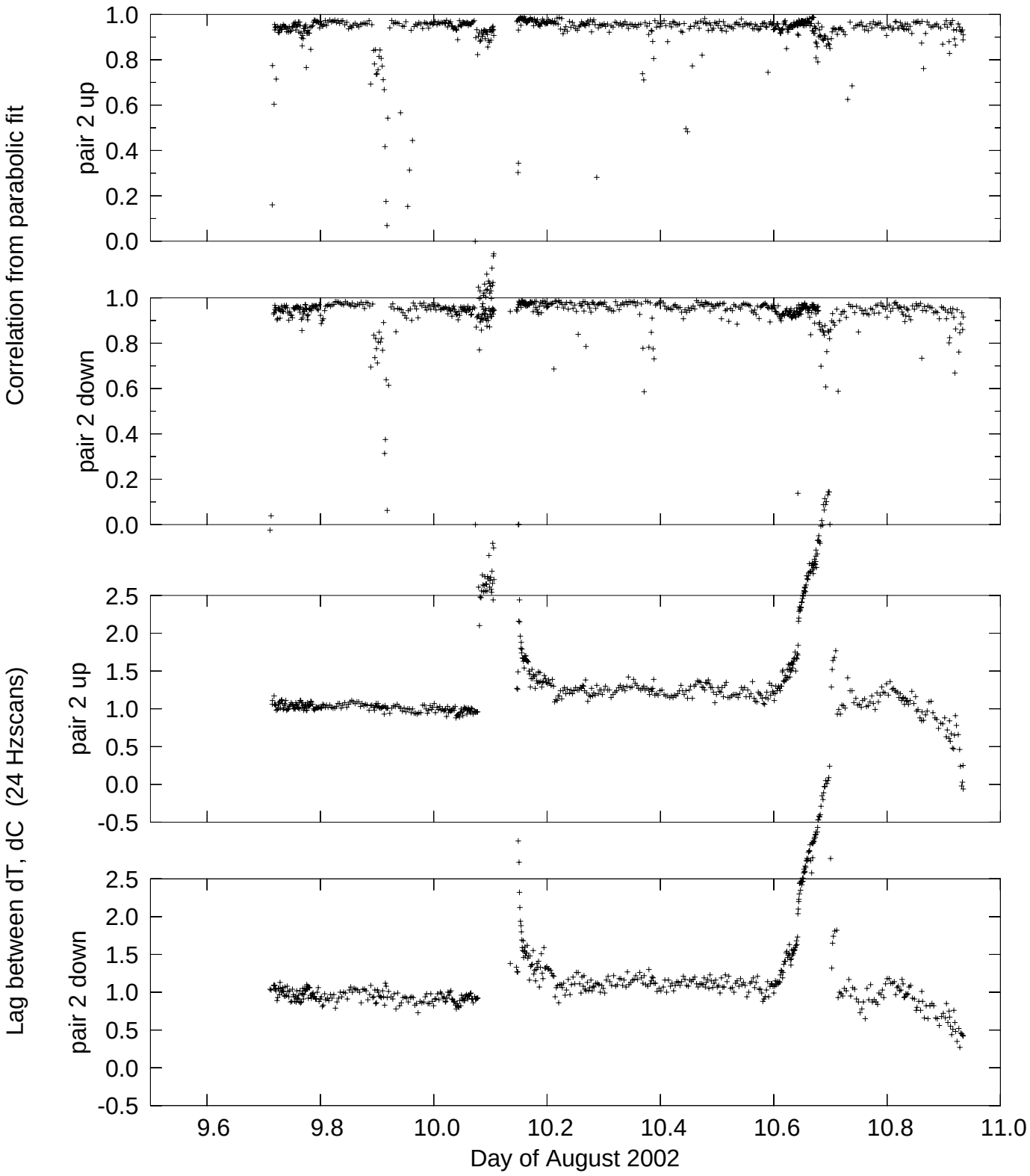
Appendix: T/C Lags

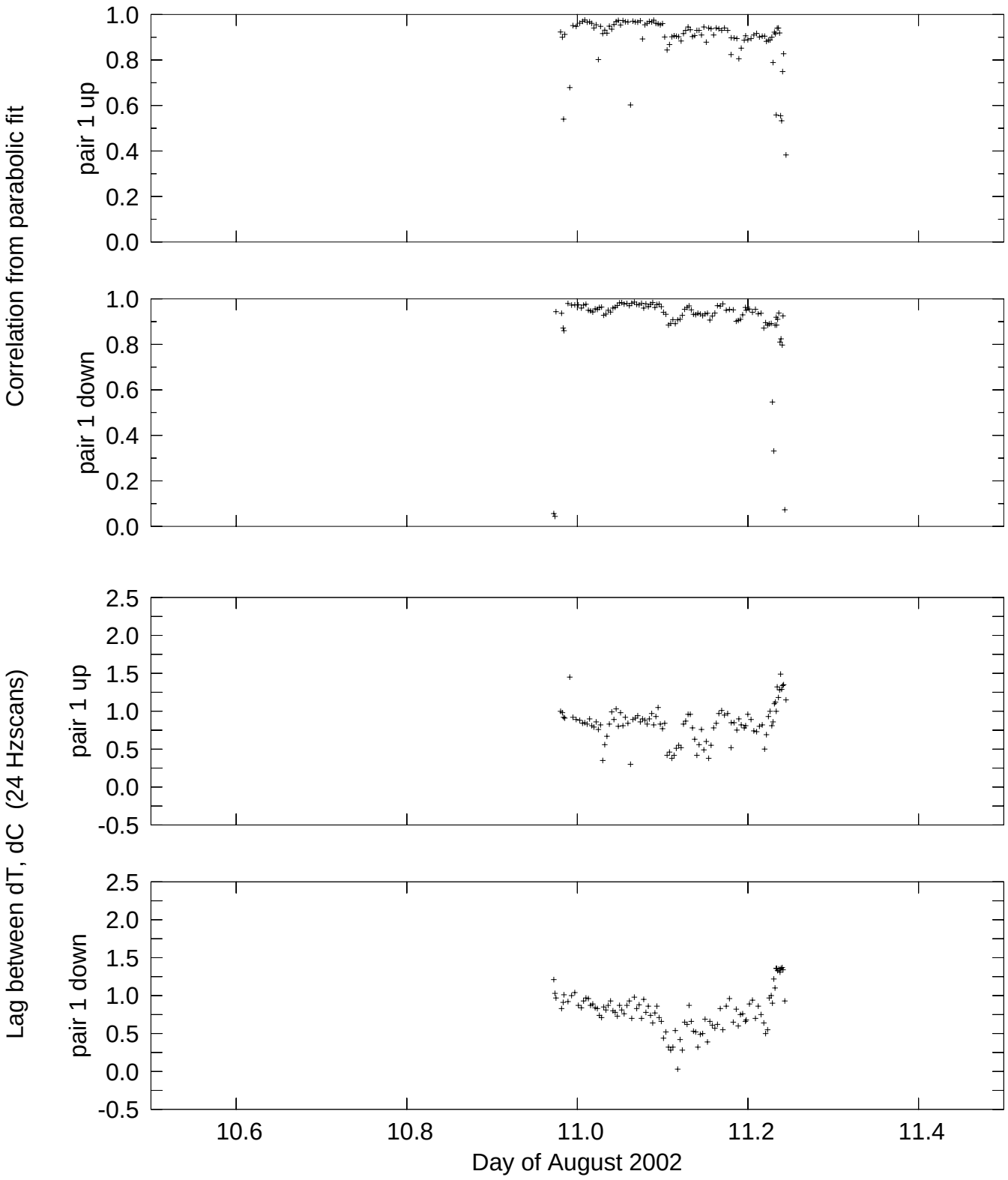
Time Series of Maximum T/C Correlations and Lags

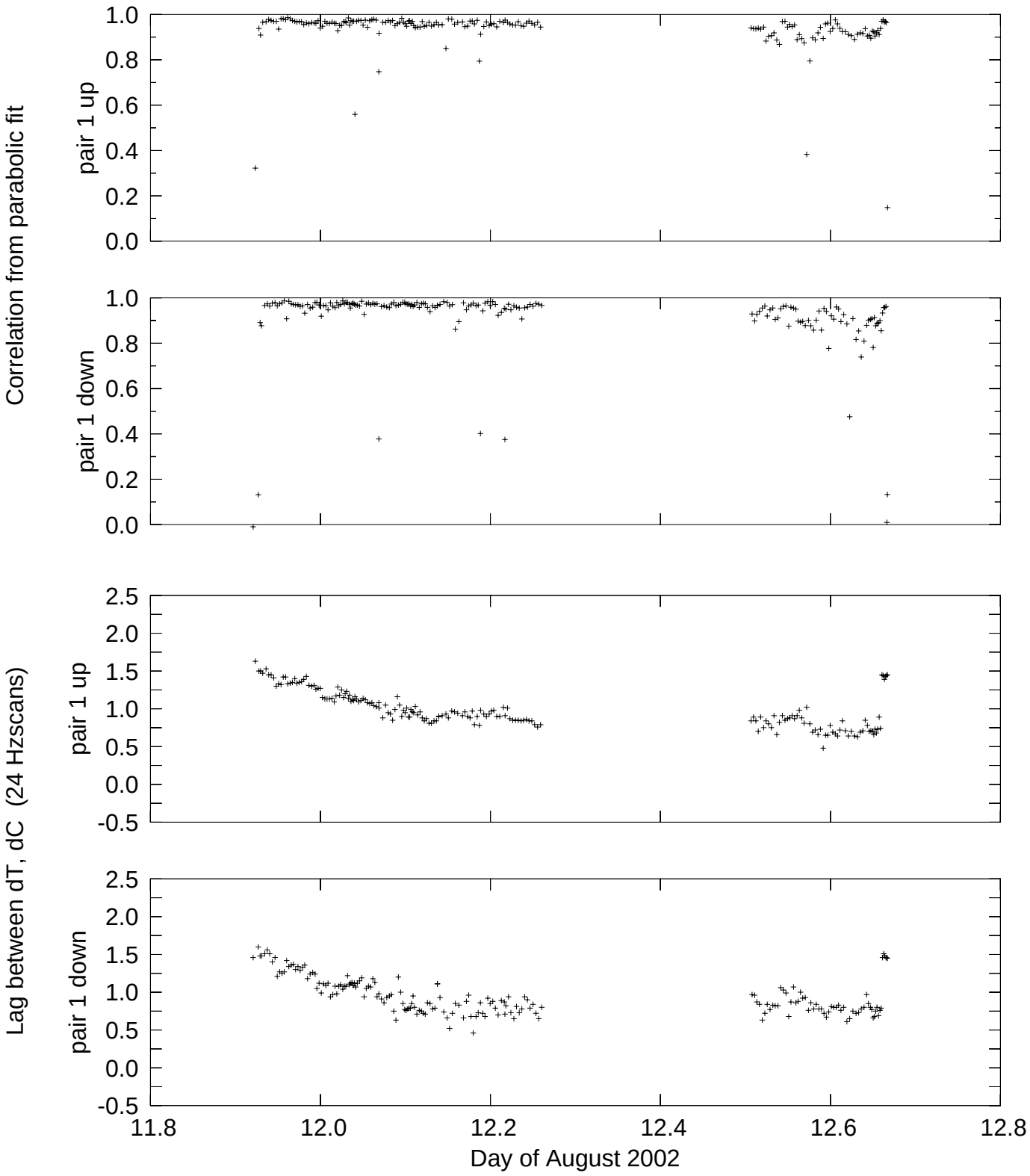

R0208 Tow 1 pair 2
Correlation from parabolic fit
pair 2 up
pair 2 down
Lag between dT, dC (24 Hzscans)
pair 2 up
pair 2 down
1.0
0.8
0.6
0.4
0.2
0.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
1.2
1.4
1.6
1.8
2.0
Day of August 2002

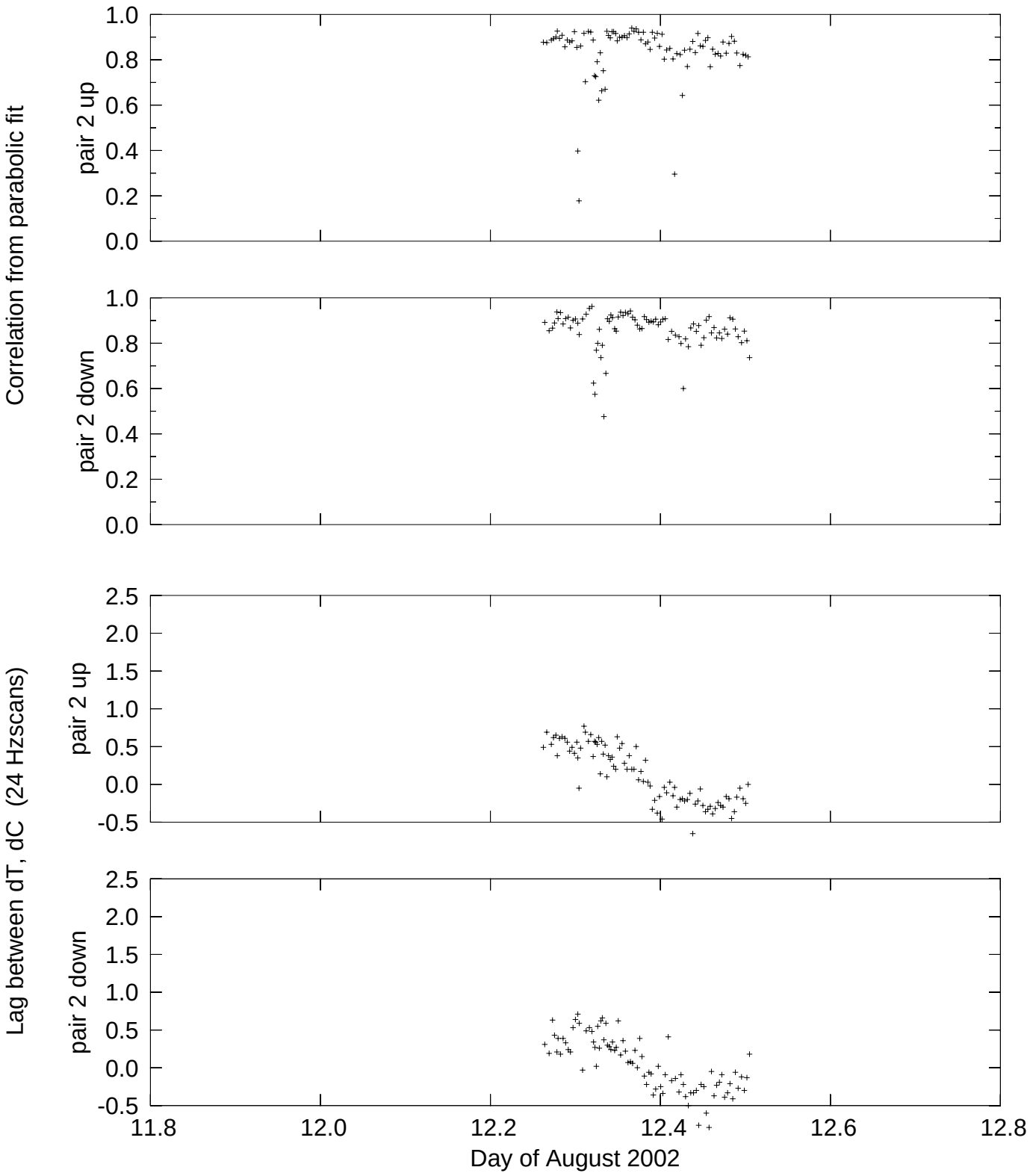

R0208 Tow 2 pair 1
Correlation from parabolic fit
pair 1 up
pair 1 down
Lag between dT, dC (24 Hzscans)
pair 1 up
pair 1 down
Day of August 2002

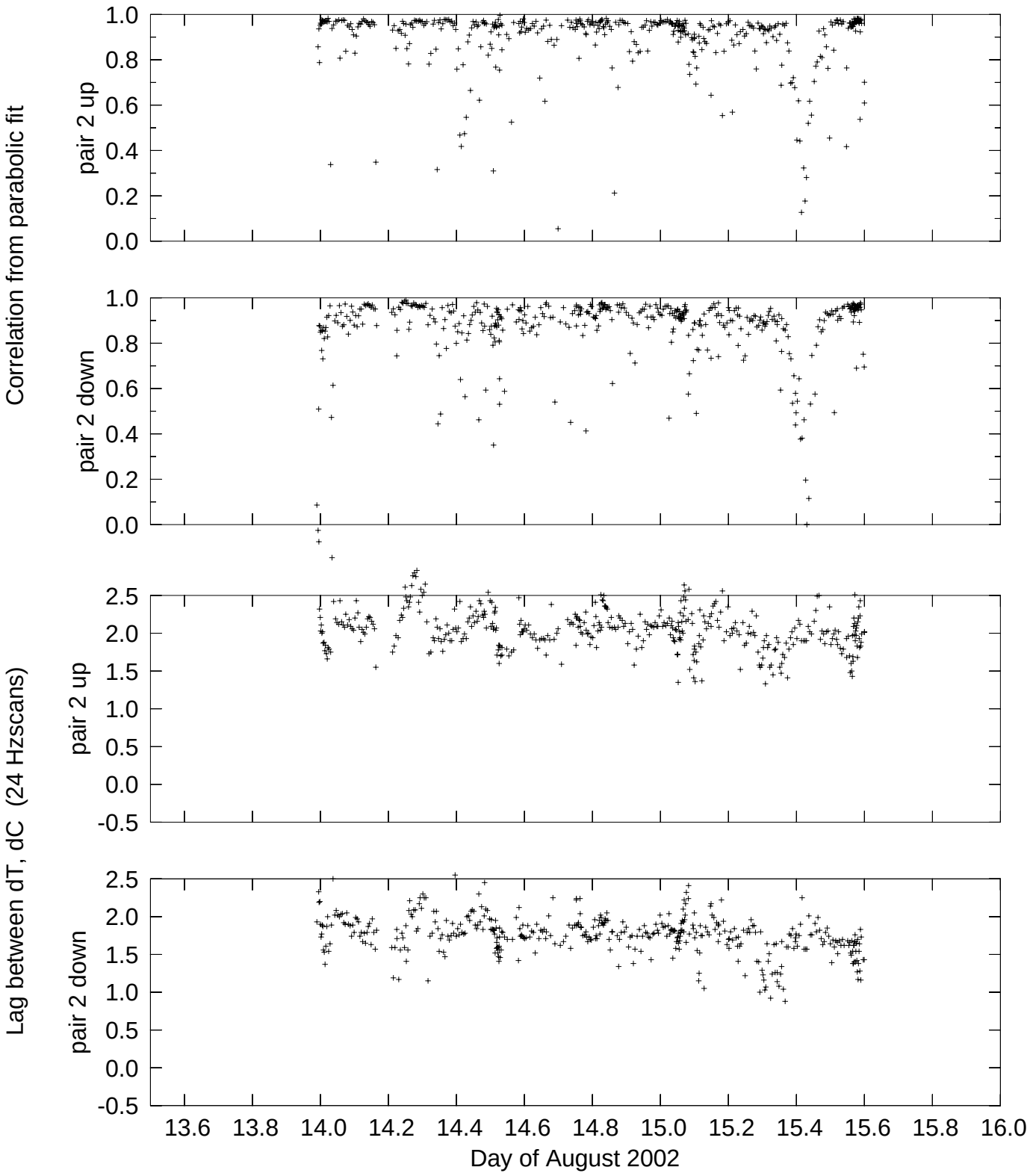

R0208 Tow 3 pair 1
Correlation from parabolic fit
pair 1 up
pair 1 down
Lag between dT, dC (24 Hzscans)
pair 1 up
pair 1 down
Day of August 2002

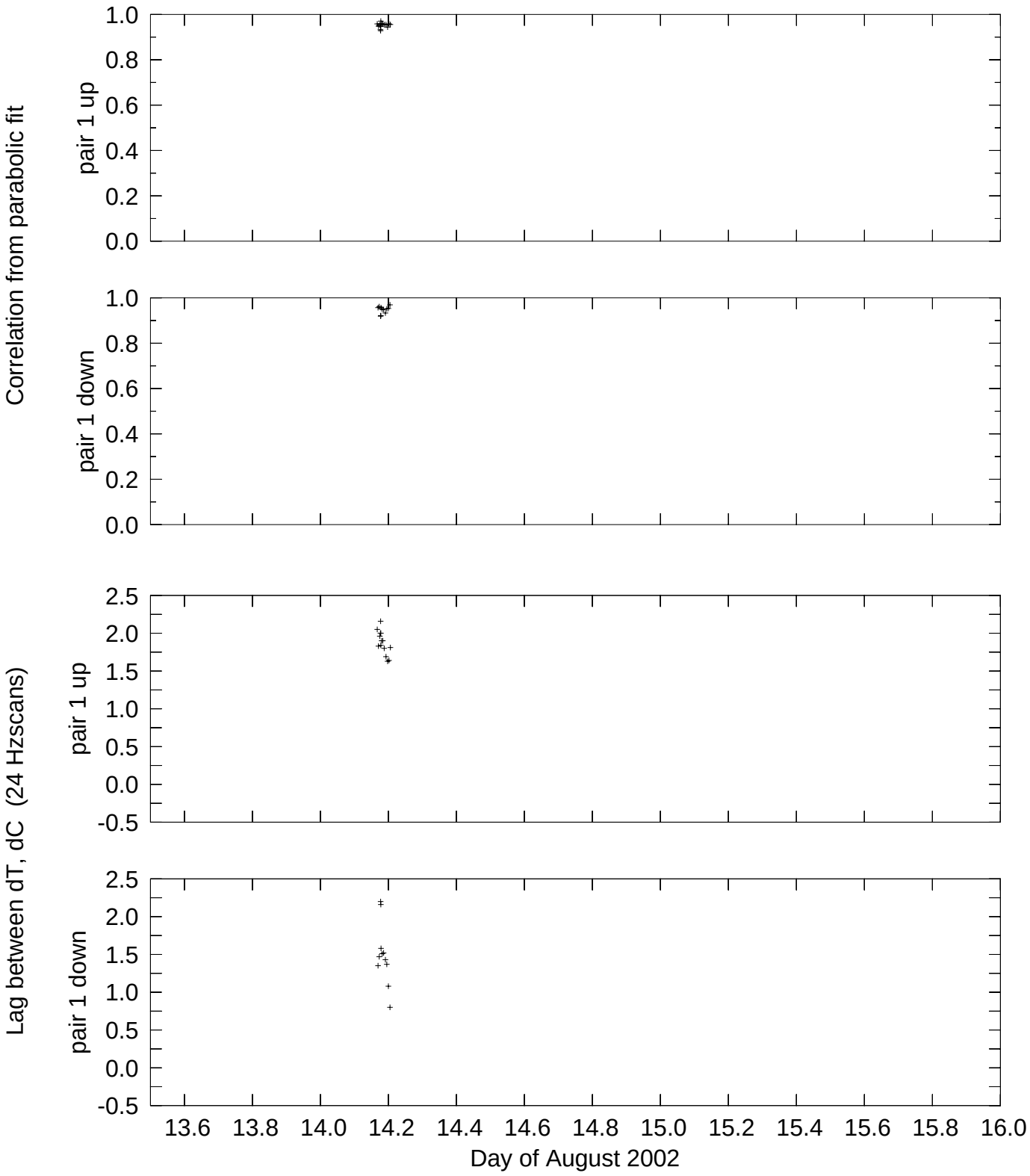

R0208 Tow 4 pair 2
Correlation from parabolic fit
pair 2 up
pair 2 down
Lag between dT, dC (24 Hzscans)
pair 2 up
pair 2 down
Day of August 2002

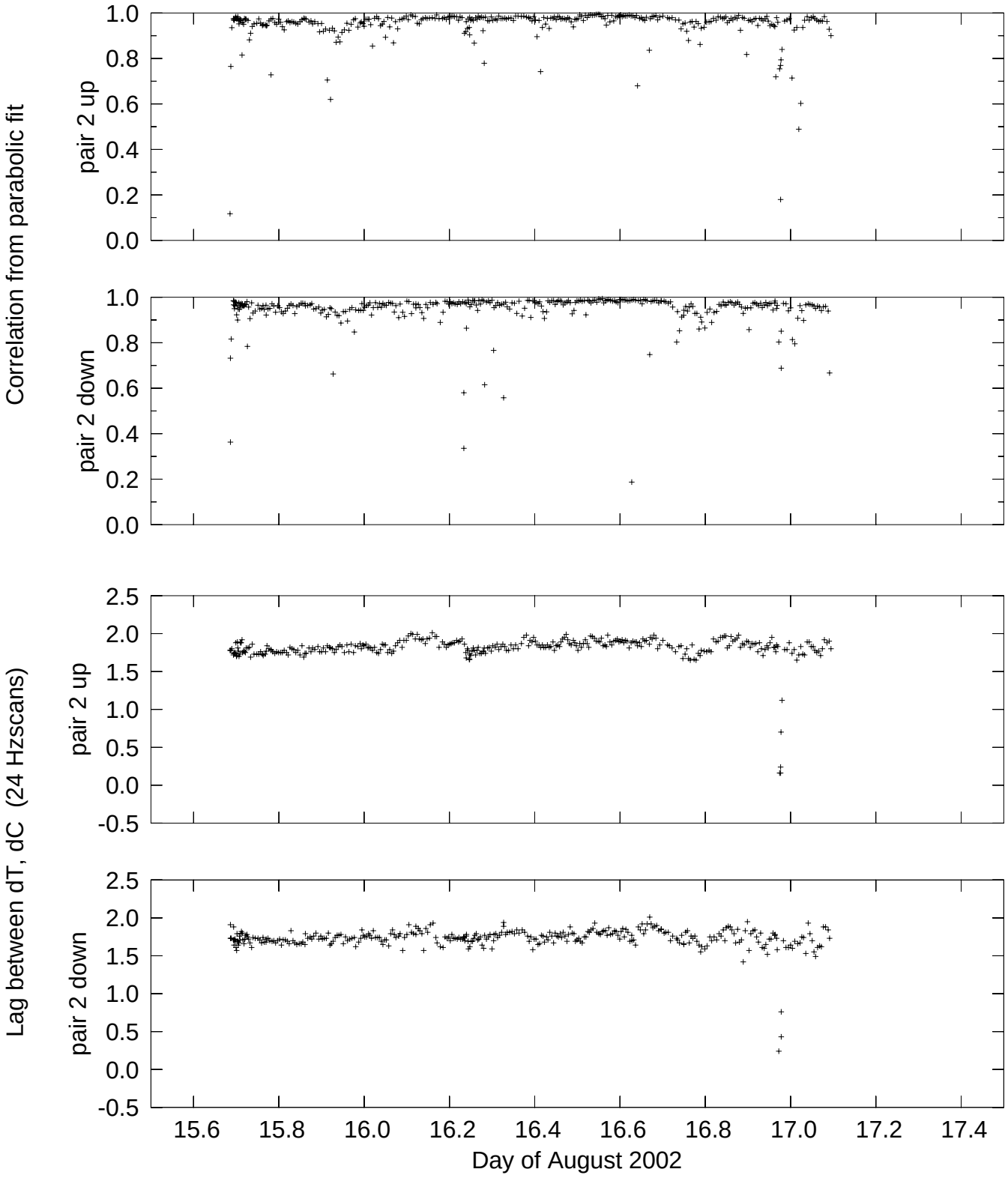

R0208 Tow 5 pair 1
Correlation from parabolic fit
pair 1 up
pair 1 down
Lag between dT, dC (24 Hzscans)
pair 1 up
pair 1 down
1.0
0.8
0.6
0.4
0.2
0.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
10.6
10.8
11.0
11.2
11.4
Day of August 2002

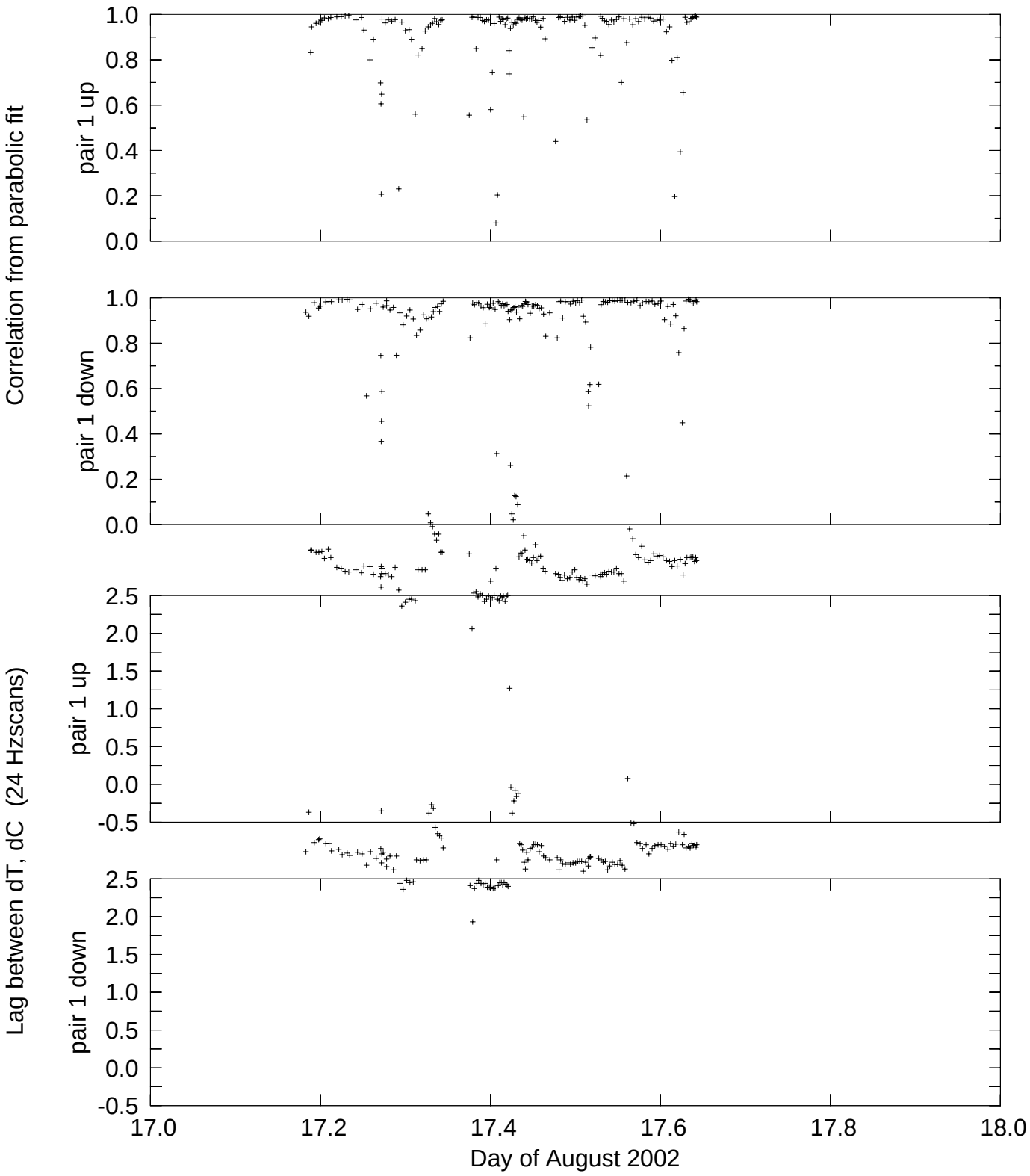

R0208 Tow 6 pair 1
Correlation from parabolic fit
pair 1 up
pair 1 down
Lag between dT, dC (24 Hzscans)
pair 1 up
pair 1 down
Day of August 2002

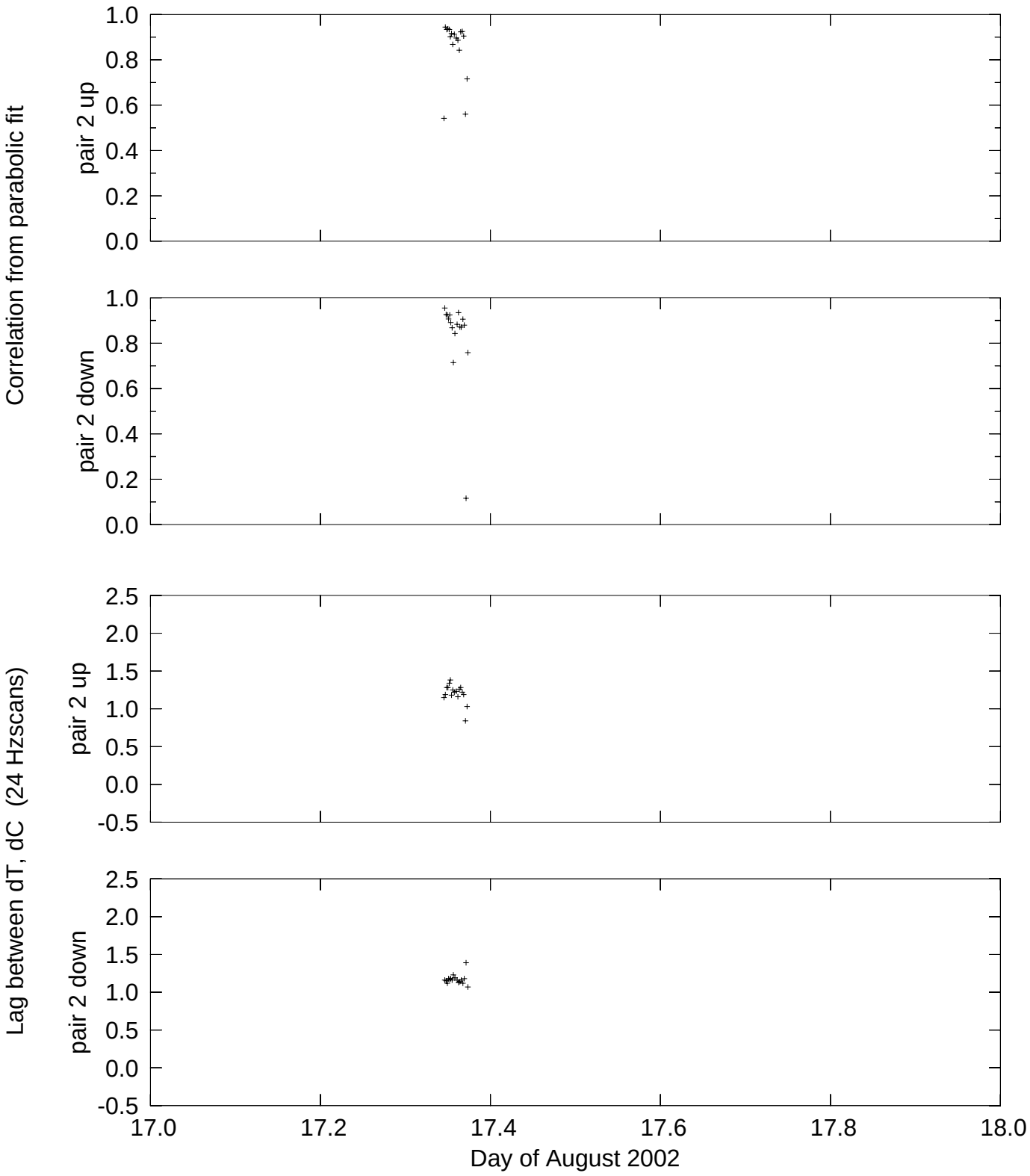

R0208 Tow 6 pair 2
Correlation from parabolic fit
pair 2 up
pair 2 down
Lag between dT, dC (24 Hzscans)
pair 2 up
pair 2 down
Day of August 2002

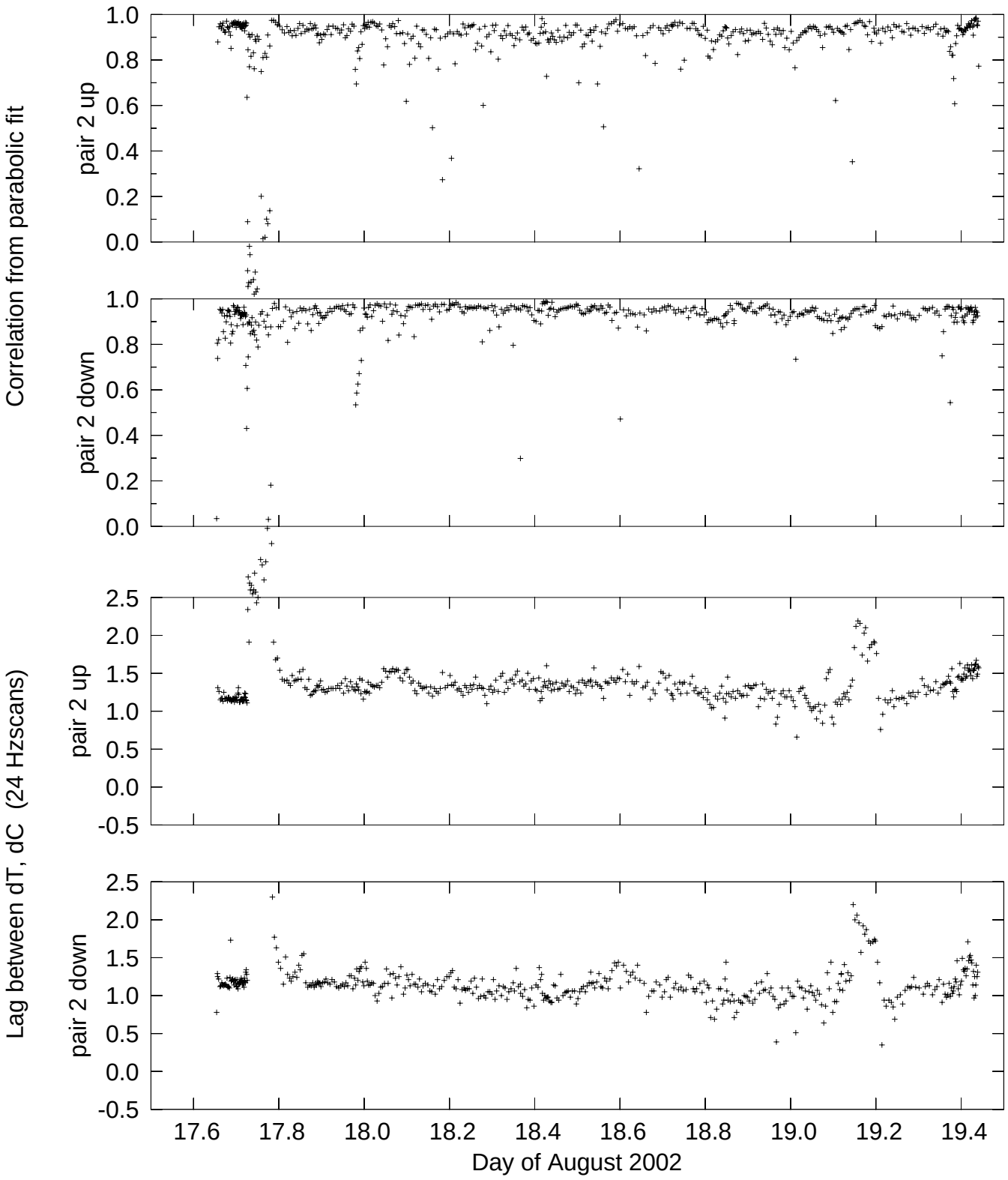

R0208 Tow 7 pair 2
Correlation from parabolic fit
pair 2 up
pair 2 down
Lag between dT, dC (24 Hzscans)
pair 2 up
pair 2 down
Day of August 2002


R0208 Tow 7 pair 1
Correlation from parabolic fit
pair 1 up
pair 1 down
Lag between dT, dC (24 Hzscans)
pair 1 up
pair 1 down
Day of August 2002


R0208 Tow 8 pair 2
Correlation from parabolic fit
pair 2 up
pair 2 down
Lag between dT, dC (24 Hzscans)
pair 2 up
pair 2 down
Day of August 2002


R0208 Tow 9 pair 1
Correlation from parabolic fit
pair 1 up
pair 1 down
Lag between dT, dC (24 Hzscans)
pair 1 up
pair 1 down
1.0
0.8
0.6
0.4
0.2
0.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
17.0
17.2
17.4
17.6
17.8
18.0
Day of August 2002


R0208 Tow 9 pair 2
Correlation from parabolic fit
pair 2 up
pair 2 down
Lag between dT, dC (24 Hzscans)
pair 2 up
pair 2 down
1.0
0.8
0.6
0.4
0.2
0.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
17.0
17.2
17.4
17.6
17.8
18.0
Day of August 2002


R0208 Tow 10 pair 2
Correlation from parabolic fit
pair 2 up
pair 2 down
Lag between dT, dC (24 Hzscans)
pair 2 up
pair 2 down
Day of August 2002

College of Oceanic and Atmospheric Sciences

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