**Table 2:** Dissolved REE concentrations (pmol/kg). Data are reported with daily confidence interval (2σ).

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Depth** | **Salinity** | **O2** | ***σθ*** | **La** | **Ce** | **Pr** | **Nd** | **Sm** | **Eu** | **Gd** | **Tb** | **Dy** | **Ho** | **Er** | **Tm** | **Yb** | **Lu** |
| **(m)** | **(PSU)** | **(µmol/kg)** | **(kg/m3)** | **(pmol/kg)** | | | | | | | | | | | | | |
| Station 004 (July 01, 2012; 17° 0' 10.8" S; 162° 59' 45.6'' E ; depth: 4680 m) | | | | | | | |  |  |  |  |  |  |  |  |  |  |
| 30 | 34.84 | 199 | 22.94 | 3.7±0.1 | 3.3±0.1 | 0.8±0 | 3.8±0.1 | 0.9±0 | 0.3±0 | 1.5±0.1 | 0.2±0 | 1.8±0.1 | 0.5±0 | 1.6±0.1 | 0.2±0 | 1±0 | 0.2±0 |
| 166 | 35.63 | 164 | 24.83 | 3.3±0.1 | 2.6±0.1 | 0.7±0 | 3.2±0.1 | 0.8±0 | 0.2±0 | 1.2±0.1 | 0.2±0 | 1.5±0.1 | 0.4±0 | 1.5±0.1 | 0.2±0 | 1±0 | 0.2±0 |
| 250 | 35.46 | 161 | 25.67 | 4.1±0.2 | 2.4±0.1 | 0.7±0 | 3.4±0.1 | 0.8±0 | 0.2±0 | 1.2±0 | 0.2±0 | 1.6±0.1 | 0.4±0 | 1.5±0.1 | 0.2±0 | 1.1±0 | 0.2±0 |
| 351 | 35.10 | 167 | 26.28 | 6.2±0.2 | 1.8±0 | 1±0 | 4.5±0.1 | 0.9±0 | 0.3±0 | 1.6±0.1 | 0.2±0 | 2±0.1 | 0.6±0 | 2.2±0.1 | 0.3±0 | 1.8±0 | 0.3±0 |
| 621 | 34.43 | 192 | 27.04 | 11.8±0.5 | 1.6±0.1 | 1.7±0.1 | 7.3±0.2 | 1.7±0.1 | 0.4±0 | 2.5±0.1 | 0.4±0 | 3.4±0.1 | 1±0 | 3.9±0.3 | 0.6±0 | 3.7±0.1 | 0.7±0 |
| 730 | 34.42 | 179 | 27.17 | 12.3±0.6 | 1.3±0.1 | 1.8±0.1 | 7.7±0.4 | 1.5±0.1 | 0.5±0 | 2.8±0.1 | 0.4±0 | 3.6±0.2 | 1.1±0.1 | 4.2±0.2 | 0.7±0 | 4.1±0.1 | 0.8±0 |
| 1134 | 34.51 | 157 | 27.44 | 19±0.7 | 8.3±0.3 | 2.5±0.1 | 10.3±0.3 | 2±0.1 | 0.6±0 | 3.5±0.2 | 0.5±0 | 4.7±0.3 | 1.4±0.1 | 5.4±0.3 | 0.9±0 | 5.7±0.2 | 1.1±0 |
| 1734 | 34.62 | 140 | 27.64 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 3598 | 34.69 | 156 | 27.76 | 33.5±1.3 | 2.4±0.1 | 4.8±0.2 | 24.1±0.7 | 3.8±0.2 | 1.1±0 | 6±0.3 | 0.9±0 | 7.4±0.3 | 2.1±0.1 | 7.4±0.4 | 1.2±0.1 | 7.7±0.3 | 1.4±0.1 |
| Station 010 (July 03, 2012; 12° 0' 0" S; 162° 59' 56.4'' E; depth : 5092 m) | | | | | | | |  |  |  |  |  |  |  |  |  |  |
| 35 | 34.62 | 191 | 22.09 | 3.4±0.1 | 2.6±0.1 | 0.8±0 | 3.6±0.1 | 0.8±0 | 0.3±0 | 1.5±0.1 | 0.2±0 | 1.7±0.1 | 0.5±0 | 1.5±0.1 | 0.2±0 | 1±0 | 0.2±0 |
| 185 | 36.03 | 134 | 24.50 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 260 | 35.52 | 133 | 25.58 | 5.2±0.2 | 1.8±0.1 | 0.8±0 | 3.6±0.1 | 0.7±0 | 0.2±0 | 1.2±0.1 | 0.2±0 | 1.6±0.1 | 0.5±0 | 1.6±0.1 | 0.2±0 | 1.2±0 | 0.2±0 |
| 350 | 34.92 | 148 | 26.40 | 7.4±0.3 | 2.1±0.1 | 1.1±0 | 4.9±0.2 | 0.9±0 | 0.3±0 | 1.7±0.1 | 0.3±0 | 2.2±0.1 | 0.6±0 | 2.3±0.1 | 0.3±0 | 1.9±0.1 | 0.3±0 |
| 515 | 34.51 | 163 | 26.98 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 680 | 34.46 | 158 | 27.20 | 13±0.5 | [1.3±0.1] | 1.7±0.1 | 7.7±0.2 | 1.5±0.1 | 0.4±0 | 2.6±0.1 | 0.4±0 | 3.7±0.2 | 1.1±0.1 | 4.2±0.2 | 0.7±0 | 4.3±0.1 | 0.8±0.1 |
| 1000 | 34.52 | 139 | 27.41 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 1735 | 34.61 | 133 | 27.63 | 24.4±1 | 3.2±0.1 | 3±0.1 | 13.1±0.3 | 2.4±0.1 | 0.8±0 | 4.3±0.2 | 0.7±0 | 5.7±0.3 | 1.7±0.1 | 6.3±0.3 | 1±0 | 6.8±0.2 | 1.3±0.1 |
| 2500 | 34.67 | 145 | 27.73 | 31±1.5 | 2.2±0.1 | 4.3±0.2 | 18.5±0.6 | 3.5±0.2 | 1.1±0.1 | 5.6±0.3 | 0.9±0 | 7.1±0.4 | 2.1±0.1 | 7.3±0.4 | 1.1±0.1 | 7.6±0.3 | 1.4±0.1 |
| 4000 | 34.69 | 153 | 27.77 | 39.1±1.3 | 5.9±0.2 | 5.8±0.2 | 24.6±0.7 | 4.7±0.2 | 1.3±0.1 | 7.2±0.3 | 1.1±0 | 8.5±0.4 | 2.4±0.1 | 8.3±0.4 | 1.3±0 | 8.6±0.3 | 1.6±0.1 |
| Station 013 (July 04, 2012; 9° 0' 10.8'' S; 162° 59' 56.4'' E; depth : 3853 m) | | | | | | | |  |  |  |  |  |  |  |  |  |  |
| 5 | 34.65 | 191 | 21.74 | 4±0.1 | 3.8±0.1 | 0.9±0 | 3.9±0.1 | 0.8±0.1 | 0.2±0 | 1.3±0.1 | 0.2±0 | 1.6±0.1 | 0.4±0 | 1.4±0 | 0.2±0 | 0.8±0 | 0.1±0 |
| 40 | 34.68 | 191 | 21.77 | 3.3±0.1 | 2.8±0.1 | 0.7±0 | 3.3±0 | 0.7±0 | 0.2±0 | 1.2±0 | 0.2±0 | 1.5±0 | 0.4±0 | 1.4±0 | 0.2±0 | 0.8±0 | 0.1±0 |
| 160 | 35.83 | 129 | 24.24 | 4±0.1 | 2.9±0.1 | 0.6±0 | 2.8±0.1 | 0.6±0 | 0.2±0 | 1.1±0 | 0.2±0 | 1.4±0.1 | 0.4±0 | 1.4±0 | 0.2±0 | 1±0 | 0.2±0 |
| 300 | 35.19 | 106 | 26.07 | 5.6±0.1 | [1.6±0] | 0.8±0 | 3.7±0.1 | 0.7±0 | 0.2±0 | 1.3±0 | 0.2±0 | 1.7±0.1 | 0.5±0 | 1.9±0.1 | 0.3±0 | 1.5±0 | 0.3±0 |
| 600 | 34.52 | 138 | 27.16 | 11.8±0.2 | [1±0] | 1.5±0 | 7.2±0.1 | 1.4±0 | 0.5±0 | 2.5±0.1 | 0.4±0 | 3.5±0.1 | 1.1±0 | 4±0.1 | 0.6±0 | 4.1±0.1 | 0.8±0 |
| 685 | 34.50 | 138 | 27.22 | 12.2±0.5 | 1.6±0.1 | 1.6±0 | 7.2±0.2 | 1.4±0.1 | 0.5±0 | 2.4±0.1 | 0.4±0 | 3.4±0.2 | 1.1±0 | 4.1±0.2 | 0.6±0 | 4.2±0.1 | 0.8±0 |
| 1335 | 34.57 | 126 | 27.54 | 18.3±0.5 | 2.1±0.1 | 2±0.1 | 9.6±0.2 | 2±0.1 | 0.6±0 | 3.1±0.1 | 0.5±0 | 4.7±0.2 | 1.3±0 | 5.5±0.2 | 0.8±0 | 5.9±0.1 | 1±0 |
| 1535 | 34.60 | 129 | 27.60 | 20±0.7 | 1.4±0.1 | 2.2±0.1 | 10.6±0.3 | 1.9±0.1 | 0.6±0 | 3.5±0.2 | 0.5±0 | 4.9±0.2 | 1.4±0.1 | 5.6±0.2 | 0.9±0 | 6.2±0.2 | 1.2±0.1 |
| 2000 | 34.64 | 133 | 27.69 | 26.8±1.1 | 2.6±0.1 | 3.3±0.1 | 14.8±0.4 | 2.8±0.1 | 0.9±0 | 4.7±0.2 | 0.7±0 | 6.1±0.4 | 1.7±0.1 | 6.6±0.3 | 1±0 | 7.3±0.2 | 1.4±0.1 |
| Station 020 (July 06, 2012; 9° 59' 56.4'' S; 160° 25' 1.2'' E; depth : 2910 m) | | | | | | | |  |  |  |  |  |  |  |  |  |  |
| 25 | 34.83 | 189 | 21.97 | 4.3±0.2 | 3.7±0.1 | 1±0 | 4.7±0.2 | 1.1±0.1 | 0.3±0 | 1.7±0.1 | 0.3±0 | 2.1±0.1 | 0.5±0 | 1.7±0.1 | 0.2±0 | 1.2±0 | 0.2±0 |
| 190 | 35.82 | 127 | 24.67 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 600 | 34.49 | 162 | 27.12 | 0±0 | 0±0 | 0±0 | 0±0 | 0±0 | 0±0 | 0±0 | 0±0 | 0±0 | 0±0 | 0±0 | 0±0 | 0±0 | 0±0 |
| 900 | 34.49 | 151 | 27.30 | 14.1±0.6 | 1.5±0.1 | 1.8±0.1 | 8.2±0.3 | 1.6±0.1 | 0.5±0 | 2.8±0.2 | 0.4±0 | 3.8±0.2 | 1.2±0 | 4.5±0.2 | 0.7±0 | 4.7±0.2 | 0.9±0 |
| 1600 | 34.60 | 133 | 27.60 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Station 021 (July 07, 2012; 10° 0' 46.8'' S; 160° 21' 25.2'' E; depth : 3342 m) | | | | | | | |  |  |  |  |  |  |  |  |  |  |
| 250 | 35.39 | 127 | 25.76 | 5.6±0.2 | 2±0.1 | 0.9±0 | 4.1±0.1 | 0.7±0 | 0.2±0 | 1.4±0.1 | 0.2±0 | 1.8±0.1 | 0.5±0 | 1.9±0.1 | 0.3±0 | 1.4±0 | 0.3±0 |
| 400 | 34.68 | 140 | 26.86 | 8.2±0.2 | 1.5±0 | 1.1±0 | 5.3±0.1 | 1.1±0 | 0.3±0 | 1.8±0.1 | 0.3±0 | 2.6±0.1 | 0.8±0 | 2.9±0.1 | 0.4±0 | 2.8±0.1 | 0.5±0 |
| 550 | 34.49 | 163 | 27.10 | 10.3±0.2 | 1.2±0 | 1.5±0 | 6.8±0.1 | 1.4±0 | 0.4±0 | 2.4±0.1 | 0.4±0 | 3.4±0.1 | 1±0 | 3.8±0.1 | 0.6±0 | 3.8±0.1 | 0.7±0 |
| 2115 | 34.64 | 139 | 27.69 | 27.7±0.6 | 2.4±0.1 | 3.5±0.1 | 16.5±0.3 | 3.1±0.1 | 1±0 | 5.1±0.2 | 0.8±0 | 6.4±0.2 | 1.8±0 | 6.5±0.2 | 1±0 | 7±0.1 | 1.3±0 |
| 2625 | 34.68 | 150 | 27.74 | 26.4±0.4 | 2.1±0.1 | 3.4±0.1 | 15.9±0.2 | 2.9±0.1 | 0.9±0 | 5.1±0.2 | 0.8±0 | 6.6±0.2 | 1.9±0 | 6.9±0.2 | 1.1±0 | 7.6±0.1 | 1.4±0 |
| 3280 | 34.70 | 165 | 27.77 | 31.1±2 | 2.7±0.2 | 4.1±0.2 | 19±0.7 | 3.5±0.2 | 1.1±0.1 | 5.5±0.4 | 0.8±0.1 | 6.8±0.6 | 1.9±0.1 | 6.9±0.6 | 1±0.1 | 7.1±0.3 | 1.3±0.1 |
| Station 029 (July 09, 2012; 11° 3' 39.6'' S; 156° 12' 54'' E; depth : 3856 m) | | | | | | | |  |  |  |  |  |  |  |  |  |  |
| 267 | 35.38 | 128 | 25.78 | 5.2±0.2 | 2.2±0.1 | 0.9±0 | 4±0.1 | 0.8±0 | 0.2±0 | 1.4±0.1 | 0.2±0 | 1.8±0.1 | 0.5±0 | 1.9±0.1 | 0.3±0 | 1.4±0 | 0.3±0 |
| 737 | 34.47 | 160 | 27.21 | 11.4±0.4 | 1.9±0.1 | 1.6±0 | 7.2±0.2 | 1.4±0.1 | 0.4±0 | 2.5±0.1 | 0.4±0 | 3.5±0.1 | 1±0 | 4±0.2 | 0.6±0 | 4.1±0.1 | 0.8±0 |
| 934 | 34.50 | 150 | 27.36 | 15.3±0.6 | 3.8±0.1 | 1.9±0.1 | 8.6±0.2 | 1.6±0.1 | 0.5±0 | 2.8±0.1 | 0.5±0 | 3.9±0.2 | 1.1±0 | 4.5±0.2 | 0.7±0 | 4.7±0.1 | 0.9±0 |
| 1140 | 34.54 | 139 | 27.45 | 16.2±0.5 | 2.2±0 | 2±0 | 9.2±0.2 | 1.8±0.1 | 0.6±0 | 3.2±0.1 | 0.5±0 | 4.2±0.2 | 1.3±0 | 4.9±0.2 | 0.8±0 | 5.3±0.1 | 1±0 |
| 1534 | 34.59 | 133 | 27.59 | 18.9±0.7 | 1.3±0.1 | 2.4±0.1 | 11.4±0.3 | 2.2±0.1 | 0.7±0 | 3.8±0.2 | 0.6±0 | 5.2±0.3 | 1.5±0.1 | 5.8±0.2 | 0.9±0 | 6.2±0.2 | 1.2±0.1 |
| 2999 | 34.70 | 166 | 27.77 | 27.1±2 | 2.7±0.2 | 3.7±0.2 | 16.9±0.9 | 3.2±0.3 | 1±0.1 | 5.1±0.4 | 0.8±0 | 6.5±0.4 | 1.8±0.1 | 6.6±0.4 | 1±0.1 | 6.9±0.4 | 1.3±0.1 |
| Station 034 (July 10, 2012; 11° 27' 7.2'' S; 154° 39' 54'' E; depth : 2005 m) | | | | | | | |  |  |  |  |  |  |  |  |  |  |
| 40 | 34.93 | 181 | 22.17 | 4±0.1 | 3±0.1 | 0.9±0 | 4.2±0.1 | 1±0 | 0.3±0 | 1.7±0 | 0.3±0 | 2±0 | 0.6±0 | 1.8±0 | 0.2±0 | 1.3±0 | 0.2±0 |
| 180 | 35.66 | 144 | 24.77 | 3.7±0.1 | 2.1±0 | 0.7±0 | 3.4±0 | 0.7±0 | 0.3±0 | 1.3±0 | 0.3±0 | 1.7±0 | 0.5±0 | 1.6±0.1 | 0.2±0 | 1.2±0 | 0.2±0 |
| 300 | 35.25 | 156 | 26.08 | 5.8±0.1 | 2.1±0.1 | 1±0 | 4.5±0.1 | 1±0 | 0.3±0 | 1.6±0 | 0.3±0 | 2.1±0.1 | 0.6±0 | 2.2±0.1 | 0.3±0 | 1.8±0 | 0.3±0 |
| 635 | 34.49 | 183 | 27.00 | 11.8±0.5 | 3.1±0.1 | 1.7±0 | 7.2±0.1 | 1.4±0.1 | 0.4±0 | 2.3±0.1 | 0.4±0 | 3.3±0.1 | 1±0 | 3.7±0.1 | 0.6±0 | 3.5±0.1 | 0.7±0 |
| 735 | 34.44 | 179 | 27.16 | 14±0.6 | 6.5±0.2 | 2.1±0.1 | 8.6±0.2 | 1.5±0.1 | 0.5±0 | 2.5±0.1 | 0.4±0 | 3.5±0.1 | 1.1±0 | 4.1±0.1 | 0.6±0 | 4±0.1 | 0.7±0 |
| 1065 | 34.49 | 154 | 27.37 | 16.5±0.6 | 3.5±0.1 | 2±0.1 | 9.3±0.2 | 1.8±0.1 | 0.5±0 | 3.2±0.1 | 0.5±0 | 4.3±0.1 | 1.3±0 | 4.9±0.2 | 0.7±0 | 4.9±0.1 | 0.9±0 |
| 1550 | 34.60 | 136 | 27.60 | 23.6±1.1 | 3.3±0.2 | 3±0.1 | 13.3±0.5 | 2.5±0.1 | 0.7±0 | 4.3±0.2 | 0.7±0 | 5.5±0.3 | 1.6±0.1 | 6.3±0.3 | 0.9±0 | 6.6±0.3 | 1.2±0.1 |
| 1665 | 34.61 | 137 | 27.62 | 24.8±0.9 | [1.9±0.1] | 3±0.1 | 13.8±0.3 | 2.7±0.1 | 0.8±0 | 4.4±0.2 | 0.7±0 | 5.9±0.2 | 1.8±0.1 | 6.5±0.2 | 1±0 | 6.7±0.2 | 1.3±0 |
| 1750 | 34.63 | 136 | 27.65 | 26.3±0.9 | 2.5±0.1 | 3.4±0.1 | 15±0.4 | 3±0.1 | 0.9±0 | 4.7±0.2 | 0.8±0 | 6.1±0.2 | 1.9±0.1 | 6.7±0.3 | 1±0 | 7±0.2 | 1.3±0 |
| 1920 | 34.65 | 140 | 27.69 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Station 036 (July 11, 2012; 11° 30' 7.2'' S; 154° 23' 24'' E; depth : 1168 m) | | | | | | | |  |  |  |  |  |  |  |  |  |  |
| 25 | 34.49 | 195 | 22.09 | 7±0.1 | 7.1±0.1 | 1.8±0 | 8.2±0.1 | 2±0.1 | 0.6±0 | 2.8±0.1 | 0.4±0 | 3.1±0.1 | 0.8±0 | 2.4±0.1 | 0.3±0 | 1.7±0 | 0.3±0 |
| 100 | 35.43 | 163 | 23.89 | 3.7±0.1 | 3±0 | 0.8±0 | 3.9±0 | 1±0 | 0.3±0 | 1.5±0.1 | 0.2±0 | 1.9±0 | 0.5±0 | 1.7±0.1 | 0.2±0 | 1.2±0 | 0.2±0 |
| 160 | 35.61 | 141 | 24.60 | 4.1±0.1 | 2.8±0.1 | 0.8±0 | 3.8±0 | 0.9±0 | 0.3±0 | 1.4±0.1 | 0.2±0 | 1.8±0.1 | 0.5±0 | 1.7±0.1 | 0.2±0 | 1.2±0 | 0.2±0 |
| 180 | 35.64 | 144 | 24.96 | 4.4±0.1 | 3.1±0 | 0.8±0 | 3.8±0 | 0.9±0 | 0.3±0 | 1.4±0 | 0.2±0 | 1.8±0.1 | 0.5±0 | 1.7±0 | 0.2±0 | 1.2±0 | 0.2±0 |
| 400 | 34.94 | 167 | 26.51 | 7.2±0.2 | 1.9±0.1 | 1.1±0 | 5.2±0.1 | 1.1±0 | 0.3±0 | 1.7±0.1 | 0.3±0 | 2.4±0.1 | 0.7±0 | 2.5±0.1 | 0.4±0 | 2.2±0 | 0.4±0 |
| 700 | 34.46 | 182 | 27.09 | 11.4±0.4 | [1.4±0] | 1.6±0 | 7.2±0.1 | 1.5±0.1 | 0.4±0 | 2.4±0.1 | 0.4±0 | 3.4±0.1 | 1±0 | 3.8±0.1 | 0.6±0 | 3.7±0.1 | 0.7±0 |
| 900 | 34.46 | 170 | 27.24 | 12.6±0.4 | 1.4±0 | 1.6±0 | 7.5±0.1 | 1.5±0.1 | 0.5±0 | 2.5±0.1 | 0.4±0 | 3.6±0.1 | 1.1±0 | 4.1±0.1 | 0.6±0 | 4.2±0.1 | 0.8±0 |
| Station 042 (July 15, 2012; 5° 8' 42'' S; 153° 17' 24'' E; depth : 3081 m) | | | | | | | |  |  |  |  |  |  |  |  |  |  |
| 5 | 34.69 | 192 | 21.71 | 3.6±0.2 | 3.1±0.2 | 0.8±0 | 3.9±0.2 | 0.8±0 | 0.3±0 | 1.4±0.1 | 0.2±0 | 1.7±0.1 | 0.5±0 | 1.5±0.1 | 0.2±0 | 0.9±0 | 0.2±0 |
| 50 | 34.75 | 192 | 21.75 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 100 | 35.46 | 157 | 22.68 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 180 | 35.65 | 140 | 24.72 | 4.2±0.2 | 2.5±0.1 | 0.7±0 | 3.4±0.1 | 0.8±0 | 0.3±0 | 1.3±0.1 | 0.2±0 | 1.7±0.1 | 0.5±0 | 1.7±0.1 | 0.2±0 | 1.2±0 | 0.2±0 |
| 225 | 35.35 | 152 | 25.85 | 4.9±0.2 | [1.4±0] | 0.8±0 | 3.8±0.1 | 1.5±0.1 | 0.3±0 | 1.4±0.1 | 0.2±0 | 2±0.1 | 0.5±0 | 2±0.1 | 0.3±0 | 1.6±0 | 0.3±0 |
| 400 | 34.64 | 174 | 26.84 | 9.8±0.2 | [1.8±0] | 1.3±0.1 | 6.1±0.1 | 1.2±0.1 | 0.4±0 | 2.1±0.1 | 0.3±0 | 3±0.1 | 0.9±0 | 3.3±0.1 | 0.5±0 | 3.1±0.1 | 0.6±0 |
| 500 | 34.54 | 158 | 27.02 | 11±0.3 | 1.7±0 | 1.5±0 | 6.8±0.1 | 1.4±0 | 0.4±0 | 2.3±0.1 | 0.4±0 | 3.2±0.1 | 1±0 | 3.6±0.2 | 0.6±0 | 3.6±0.1 | 0.7±0 |
| 750 | 34.48 | 154 | 27.23 | 11.9±0.3 | [1.6±0.1] | 1.6±0 | 7.3±0.1 | 1.5±0 | 0.4±0 | 2.5±0.1 | 0.4±0 | 3.5±0.1 | 1.1±0 | 4±0.1 | 0.6±0 | 4.1±0 | 0.8±0 |
| 1000 | 34.53 | 137 | 27.41 | 15.8±0.8 | 2.1±0.1 | 2.1±0.1 | 9.4±0.3 | 1.9±0.1 | 0.6±0 | 3.2±0.2 | 0.5±0 | 4.5±0.3 | 1.3±0.1 | 5±0.3 | 0.7±0 | 5.1±0.2 | 1±0.1 |
| 1200 | 34.56 | 130 | 27.49 | 17.9±0.6 | 2.8±0.1 | 2.3±0.1 | 10.4±0.2 | 2±0.1 | 0.7±0 | 3.5±0.2 | 0.6±0 | 4.6±0.2 | 1.4±0.1 | 5.1±0.2 | 0.8±0 | 5.6±0.1 | 1.1±0 |
| 1550 | 34.61 | 123 | 27.62 | 24.8±0.7 | 5.1±0.1 | 3.2±0.1 | 14.5±0.3 | 2.8±0.1 | 0.9±0 | 4.4±0.2 | 0.7±0 | 5.7±0.2 | 1.7±0.1 | 6.1±0.3 | 1±0 | 6.6±0.2 | 1.2±0 |
| 1750 | 34.62 | 124 | 27.64 | 28.6±0.9 | 4.6±0.2 | 3.3±0.1 | 15.8±0.5 | 3.1±0.1 | 1±0 | 5.2±0.2 | 0.8±0 | 6.5±0.2 | 1.8±0.1 | 6.7±0.2 | 1.1±0 | 7.2±0.2 | 1.3±0 |
| 2000 | 34.64 | 126 | 27.68 | 29.1±1.6 | 3.6±0.2 | 3.9±0.2 | 18±0.8 | 3.4±0.2 | 1.1±0.1 | 5.7±0.3 | 0.9±0 | 6.8±0.4 | 1.9±0.1 | 7.3±0.5 | 1.1±0.1 | 7.7±0.4 | 1.4±0.1 |
| 2500 | 34.66 | 133 | 27.73 | 32.5±2.6 | 4.8±0.2 | 4.7±0.3 | 21.8±0.9 | 4.2±0.3 | 1.3±0.1 | 6.7±0.4 | 1±0.1 | 7.9±0.6 | 2.2±0.2 | 8±0.6 | 1.3±0.1 | 8.5±0.4 | 1.5±0.1 |
| Station 043 (July 17, 2012; 3° 59' 52.8'' S; 155° 35' 38.4'' E; depth : 1925 m) | | | | | | | |  |  |  |  |  |  |  |  |  |  |
| 5 | 34.66 | 191 | 21.72 | 3.6±0.2 | 2.8±0.2 | 0.7±0 | 3.5±0.1 | 0.7±0 | 0.2±0 | 1.3±0.1 | 0.2±0 | 1.6±0.1 | 0.5±0 | 1.4±0.1 | 0.2±0 | 0.8±0 | 0.1±0 |
| 150 | 35.91 | 138 | 23.99 | 4.5±0.1 | 2.6±0.1 | 0.8±0 | 3.7±0.1 | 0.7±0 | 0.2±0 | 1.3±0.1 | 0.2±0 | 1.7±0.1 | 0.5±0 | 1.7±0.1 | 0.2±0 | 1.2±0 | 0.2±0 |
| 230 | 35.16 | 99 | 26.14 | [25.5±0.8] | [12.3±0.3] | [1.2±0] | [5.2±0.1] | [0.9±0] | [0.3±0] | [1.6±0.1] | [0.3±0] | [2.2±0.1] | [0.6±0] | [2.3±0.1] | [0.3±0] | [2.1±0] | [0.4±0] |
| 700 | 34.51 | 128 | 27.18 | 13.1±0.3 | 1.8±0 | 1.7±0 | 7.6±0.1 | 1.5±0 | 0.5±0 | 2.5±0.1 | 0.4±0 | 3.4±0.1 | 1.1±0 | 4±0.1 | 0.6±0 | 4.2±0.1 | 0.8±0 |
| 1200 | 34.56 | 105 | 27.47 | 16.4±0.5 | 1.9±0 | 2.1±0 | 9.6±0.2 | 1.9±0.1 | 0.6±0 | 3.2±0.1 | 0.5±0 | 4.4±0.1 | 1.3±0 | 4.9±0.2 | 0.8±0 | 5.5±0.1 | 1±0 |
| Station 046 (July 18, 2012; 4° 42' 0'' S; 154° 52' 48'' E; depth : 3117 m) | | | | | | | |  |  |  |  |  |  |  |  |  |  |
| 50 | 34.79 | 190 | 21.85 | 3.6±0.1 | 2.2±0.1 | 0.7±0 | 3.3±0 | 0.7±0 | 0.2±0 | 1.3±0 | 0.2±0 | 1.5±0 | 0.4±0 | 1.4±0 | 0.2±0 | 0.8±0 | 0.1±0 |
| 150 | 35.97 | 129 | 23.97 | 3.5±0.1 | 1.3±0 | 0.6±0 | 2.6±0 | 0.6±0 | 0.2±0 | 1.1±0 | 0.2±0 | 1.5±0 | 0.4±0 | 1.5±0 | 0.2±0 | 1±0 | 0.2±0 |
| 400 | 34.65 | 124 | 26.89 | 11.3±0.3 | 2.5±0.1 | 1.4±0 | 6.5±0.1 | 1.3±0.1 | 0.4±0 | 2.1±0.1 | 0.4±0 | 3±0.1 | 0.9±0 | 3.4±0.1 | 0.5±0 | 3.3±0.1 | 0.6±0 |
| 700 | 34.54 | 89 | 27.19 | 12.5±0.3 | 0.9±0 | 1.6±0 | 7.2±0.2 | 1.4±0.1 | 0.5±0 | 2.5±0.1 | 0.4±0 | 3.5±0.1 | 1±0 | 4±0.1 | 0.6±0 | 4.1±0.1 | 0.8±0 |
| 1000 | 34.54 | 112 | 27.39 | 15.6±0.5 | 2±0.1 | 1.9±0 | 8.9±0.2 | 1.8±0.1 | 0.5±0 | 3.1±0.1 | 0.5±0 | 4.2±0.1 | 1.2±0 | 4.7±0.1 | 0.7±0 | 4.9±0.1 | 0.9±0 |
| Station 047 (July 18, 2012; 4° 56' 2.4'' S; 154° 38' 52.8'' E; depth : 1004 m) | | | | | | | |  |  |  |  |  |  |  |  |  |  |
| 25 | 34.67 | 190 | 21.78 | 4.4±0.1 | 3.3±0.1 | 1±0 | 4.4±0.1 | 1±0 | 0.3±0 | 1.6±0 | 0.2±0 | 1.9±0.1 | 0.5±0 | 1.6±0 | 0.2±0 | 1±0 | 0.2±0 |
| 156 | 36.02 | 126 | 24.41 | 4.6±0.1 | 2.6±0 | 0.6±0 | 3±0 | 0.6±0 | 0.2±0 | 1.2±0 | 0.2±0 | 1.6±0 | 0.5±0 | 1.7±0 | 0.2±0 | 1.2±0 | 0.2±0 |
| 264 | 35.08 | 106 | 26.27 | [7.4±0.1] | 1.7±0 | 1.1±0 | 4.8±0.1 | 0.9±0 | 0.3±0 | 1.6±0.1 | 0.3±0 | 2.2±0.1 | 0.7±0 | 2.4±0.1 | 0.3±0 | 2.1±0 | 0.4±0 |
| 635 | 34.52 | 129 | 27.20 | 13.3±0.3 | 2.6±0.2 | 1.7±0 | 7.7±0.1 | 1.5±0 | 0.5±0 | 2.6±0.1 | 0.4±0 | 3.6±0.2 | 1.1±0 | 4.1±0.1 | 0.7±0 | 4.2±0.1 | 0.8±0 |
| Station 053 (July 19, 2012; 4° 54' 18'' S; 152° 52' 12'' E; depth : 733 m) | | | | | | | |  |  |  |  |  |  |  |  |  |  |
| 25 | 34.88 | 189 | 21.99 | 4.9±0.2 | 4.1±0.2 | 1.2±0.1 | 5.7±0.3 | 1.4±0.1 | 0.5±0 | 2.1±0.1 | 0.3±0 | 2.5±0.1 | 0.7±0 | 2.1±0.1 | 0.3±0 | 1.5±0.1 | 0.2±0 |
| 149 | 35.61 | 142 | 24.72 | 6.3±0.2 | 5.2±0.1 | 0.9±0 | 4±0.1 | 0.9±0 | 0.3±0 | 1.5±0.1 | 0.2±0 | 1.8±0.1 | 0.5±0 | 1.7±0 | 0.2±0 | 1.2±0 | 0.2±0 |
| 335 | 34.98 | 161 | 26.45 | [7.6±0.1] | 1.8±0 | 1.2±0 | 5.3±0.1 | 1.1±0 | 0.3±0 | 1.8±0.1 | 0.3±0 | 2.5±0.1 | 0.7±0 | 2.6±0.1 | 0.4±0 | 2.3±0 | 0.4±0 |
| 719 | 34.48 | 158 | 27.22 | [12.6±0.5] | 1.5±0 | 1.7±0 | 7.8±0.1 | 1.5±0 | 0.5±0 | 2.6±0.1 | 0.4±0 | 3.7±0.1 | 1.1±0 | 4.2±0.1 | 0.6±0 | 4.2±0.1 | 0.8±0 |
| Station 056 (July 20, 2012; 4° 4' 37.2'' S; 152° 32' 20.4'' E; depth : 1580 m) | | | | | | | |  |  |  |  |  |  |  |  |  |  |
| 1582 | 34.60 | 125 | 27.59 | 23.4±0 | 3.8±0 | 3.1±0 | 14.3±0 | 2.8±0 | 0.8±0 | 4.8±0 | 0.7±0 | 5.9±0 | 1.8±0 | 6.6±0 | 0.9±0 | 6.7±0 | 1.2±0 |
| Station 057 (July 20, 2012; 4° 34' 12'' S; 152° 31' 22.8'' E; depth : 2552 m) | | | | | | | |  |  |  |  |  |  |  |  |  |  |
| 25 | 34.77 | 192 | 21.91 | 4.1±0.1 | 3.5±0.1 | 1±0 | 5.2±0.1 | 1.3±0.1 | 0.5±0 | 2.1±0.1 | 0.3±0 | 2.3±0.1 | 0.6±0 | 2±0.1 | 0.3±0 | 1.3±0 | 0.2±0 |
| 150 | 35.58 | 139 | 24.20 | 3.8±0.2 | 2.6±0.1 | 0.8±0 | 3.7±0.1 | 0.9±0.1 | 0.3±0 | 1.4±0.1 | 0.2±0 | 1.8±0.1 | 0.5±0 | 1.7±0.1 | 0.2±0 | 1.2±0 | 0.2±0 |
| 250 | 35.27 | 152 | 26.00 | 5.4±0.2 | 2.1±0.1 | 0.9±0.1 | 4.2±0.1 | 0.9±0.1 | 0.3±0 | 1.5±0.1 | 0.2±0 | 2±0.1 | 0.6±0 | 2.1±0.1 | 0.3±0 | 1.7±0 | 0.3±0 |
| 450 | 34.65 | 171 | 26.85 | 9.3±0.2 | 1.5±0 | 1.3±0 | 6.2±0.1 | 1.2±0.1 | 0.4±0 | 2.1±0.1 | 0.3±0 | 2.9±0.1 | 0.9±0 | 3.1±0.1 | 0.5±0 | 3.1±0 | 0.6±0 |
| 580 | 34.51 | 177 | 27.02 | 12.1±0.3 | 2.5±0.1 | 1.5±0 | 6.8±0.1 | 1.3±0 | 0.4±0 | 2.2±0.1 | 0.4±0 | 3.1±0.1 | 0.9±0 | 3.6±0.1 | 0.5±0 | 3.6±0.1 | 0.7±0 |
| 850 | 34.50 | 143 | 27.33 | 13.7±0.4 | 1.6±0 | 1.7±0 | 8.1±0.2 | 1.6±0.1 | 0.5±0 | 2.9±0.1 | 0.5±0 | 3.9±0.1 | 1.2±0 | 4.4±0.1 | 0.7±0 | 4.8±0.1 | 0.9±0 |
| 1302 | 34.57 | 129 | 27.51 | 19.2±0.5 | 2.8±0.1 | 2.4±0.1 | 11.5±0.3 | 2.2±0.1 | 0.7±0 | 3.9±0.2 | 0.6±0 | 5.1±0.2 | 1.5±0 | 5.5±0.2 | 0.9±0 | 6±0.1 | 1.1±0 |
| 1650 | 34.61 | 124 | 27.62 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 2201 | 34.65 | 135 | 27.71 | 31.2±0.9 | 3.5±0.1 | 4.2±0.1 | 20±0.5 | 3.9±0.2 | 1.3±0 | 6.3±0.3 | 1±0 | 7.9±0.3 | 2.1±0 | 7.7±0.2 | 1.2±0 | 8.2±0.2 | 1.5±0 |
| Station 058 (July 21, 2012; 5° 30' 10.8'' S; 152° 5' 52.8'' E; depth : 1142 m) | | | | | | | |  |  |  |  |  |  |  |  |  |  |
| 215 | 35.50 | 135 | 25.51 | 4.8±0.2 | 2.2±0.1 | 0.8±0 | 3.9±0.1 | 0.8±0 | 0.3±0 | 1.4±0.1 | 0.2±0 | 1.8±0.1 | 0.5±0 | 1.8±0.1 | 0.3±0 | 1.4±0 | 0.2±0 |
| 1100 | 34.55 | 133 | 27.47 | 18.9±0.7 | 3.1±0.1 | 2.3±0.1 | 11±0.3 | 2.2±0.1 | 0.7±0 | 3.7±0.2 | 0.6±0 | 4.9±0.2 | 1.4±0.1 | 5.4±0.2 | 0.8±0 | 5.7±0.2 | 1±0 |
| Station 060 (July 22, 2012; 6° 10' 1.2'' S; 152° 29' 49.2'' E; depth : 5609 m) | | | | | | | |  |  |  |  |  |  |  |  |  |  |
| 35 | 34.74 | 193 | 22.19 | 5±0.1 | 4.5±0.1 | 1.1±0 | 5.3±0.1 | 1.2±0 | 0.4±0 | 1.8±0.1 | 0.3±0 | 2.1±0.1 | 0.6±0 | 1.8±0.1 | 0.2±0 | 1.2±0 | 0.2±0 |
| 180 | 35.73 | 135 | 24.70 | 4.2±0.2 | 2.3±0.1 | 0.7±0 | 3.4±0.1 | 0.7±0 | 0.2±0 | 1.2±0.1 | 0.2±0 | 1.6±0.1 | 0.5±0 | 1.6±0.1 | 0.2±0 | 1.1±0 | 0.2±0 |
| 250 | 35.33 | 124 | 25.86 | 7.4±0.1 | 3.7±0.1 | 1±0 | 4.9±0.1 | 1±0 | 0.3±0 | 1.6±0.1 | 0.2±0 | 2±0.1 | 0.6±0 | 2.2±0.1 | 0.3±0 | 1.7±0 | 0.3±0 |
| 480 | 34.53 | 173 | 27.03 | 11.2±0.3 | 2.6±0.1 | 1.5±0.1 | 6.8±0.1 | 1.3±0.1 | 0.4±0 | 2.3±0.1 | 0.4±0 | 3.1±0.1 | 1±0 | 3.5±0.1 | 0.6±0 | 3.6±0.1 | 0.7±0 |
| 1000 | 34.53 | 138 | 27.43 | 16.3±0.3 | 2.7±0.1 | 2±0 | 9.4±0.1 | 1.8±0.1 | 0.6±0 | 3±0.1 | 0.5±0 | 4±0.1 | 1.3±0 | 4.8±0.2 | 0.7±0 | 5±0.1 | 1±0 |
| 1600 | 34.61 | 124 | 27.62 | 23.9±0.9 | 5±0.2 | 3.2±0.1 | 14.5±0.3 | 2.8±0.1 | 0.9±0 | 4.6±0.2 | 0.7±0 | 5.8±0.2 | 1.8±0 | 6.2±0.2 | 1±0 | 6.8±0.1 | 1.3±0 |
| 1800 | 34.63 | 125 | 27.67 | 28.4±0.6 | 7.8±0.2 | 3.9±0.1 | 18.1±0.3 | 3.4±0.1 | 1.1±0 | 5.4±0.2 | 0.8±0 | 6.8±0.3 | 1.9±0.1 | 7±0.2 | 1.1±0 | 7.4±0.2 | 1.4±0 |
| 2541 | 34.66 | 132 | 27.73 | 35.4±1 | 3.5±0.1 | 5.1±0.1 | 23.8±0.5 | 4.6±0.2 | 1.5±0 | 7±0.3 | 1.1±0 | 8.6±0.4 | 2.3±0.1 | 8.1±0.4 | 1.3±0.1 | 8.7±0.2 | 1.6±0.1 |
| 3250 | 34.69 | 155 | 27.76 | 41.1±1.1 | 5.8±0.2 | 6.1±0.2 | 28.1±0.6 | 5.3±0.2 | 1.7±0 | 8±0.3 | 1.2±0 | 9.1±0.4 | 2.6±0.1 | 8.3±0.3 | 1.4±0 | 8.9±0.2 | 1.6±0.1 |
| 4000 | 34.70 | 158 | 27.77 | 41±1.4 | 5.6±0.2 | 6.3±0.2 | 28.8±0.8 | 5.9±0.2 | 1.8±0.1 | 8.2±0.3 | 1.2±0 | 9.5±0.3 | 2.5±0.1 | 8.7±0.3 | 1.3±0 | 8.9±0.2 | 1.6±0.1 |
| 4500 | 34.70 | 160 | 27.77 | 41.9±1.6 | 8±0.3 | 6.8±0.3 | 30.2±1 | 6±0.3 | 1.9±0.1 | 8.4±0.5 | 1.3±0.1 | 9.6±0.6 | 2.6±0.1 | 8.8±0.5 | 1.4±0.1 | 8.9±0.3 | 1.6±0.1 |
| 4750 | 34.70 | 160 | 27.77 | 47.3±1 | 14.6±0.3 | 7±0.2 | 30.4±0.4 | 5.6±0.2 | 1.8±0 | 7.8±0.3 | 1.2±0 | 8.9±0.4 | 2.4±0.1 | 8.4±0.3 | 1.2±0 | 8.3±0.1 | 1.6±0 |
| 5000 | 34.70 | 161 | 27.77 | 39.3±0.9 | 5.3±0.1 | 5.4±0.1 | 25.4±0.3 | 4.8±0.2 | 1.5±0 | 7±0.2 | 1.1±0 | 8.1±0.3 | 2.3±0.1 | 8±0.3 | 1.2±0 | 7.8±0.1 | 1.5±0 |
| 5603 | 34.70 | 162 | 27.77 | 41.2±1.5 | 5.6±0.2 | 6±0.2 | 26.3±0.7 | 4.9±0.2 | 1.4±0.1 | 6.8±0.4 | 1±0.1 | 8±0.4 | 2.2±0.1 | 7.6±0.4 | 1.1±0.1 | 7.6±0.2 | 1.4±0 |
| Station 071 (July 25, 2012; 8° 19' 55.2'' S; 151° 17' 27.6'' E; depth : 1563 m) | | | | | | | |  |  |  |  |  |  |  |  |  |  |
| 50 | 34.80 | 192 | 22.39 | 3.8±0.3 | [2.6±0.2] | 0.8±0.1 | 4±0.2 | 1±0.1 | 0.3±0 | 1.5±0.1 | 0.2±0 | 1.8±0.1 | 0.5±0 | 1.7±0.1 | 0.2±0 | 1.1±0 | 0.2±0 |
| 160 | 35.66 | 138 | 24.60 | 4.6±0.3 | 5.9±0.4 | 0.8±0 | 3.9±0.2 | 0.7±0.1 | 0.2±0 | 1.3±0.1 | 0.2±0 | 1.7±0.1 | 0.5±0 | 1.7±0.1 | 0.2±0 | 1.2±0.1 | 0.2±0 |
| 400 | 34.98 | 165 | 26.47 | 7.9±0.6 | 4.6±0.2 | 1.1±0.1 | 5.2±0.2 | 1.1±0.1 | 0.3±0 | 1.8±0.1 | 0.3±0 | 2.5±0.2 | 0.7±0 | 2.5±0.1 | 0.4±0 | 2.2±0.1 | 0.4±0 |
| 600 | 34.49 | 178 | 27.06 | 12±0.9 | [1.9±0.2] | 1.5±0.1 | 6.9±0.4 | 1.3±0.1 | 0.4±0 | 2.3±0.2 | 0.4±0 | 3.3±0.3 | 1±0.1 | 3.7±0.2 | 0.6±0 | 3.7±0.2 | 0.7±0.1 |
| 1100 | 34.52 | 143 | 27.41 | 32.3±1.2 | 5.6±0.2 | 2.1±0.1 | 9.7±0.2 | 1.9±0.1 | 0.6±0 | 3.2±0.1 | 0.5±0 | 4.3±0.2 | 1.3±0 | 4.9±0.2 | 0.8±0 | 5.2±0.1 | 1±0 |
| Station 073 - Filtrated (July 26, 2012; 7° 9' 57.6'' S; 149° 59' 56.4'' E; depth: 5253 m) | | | | | | | | |  |  |  |  |  |  |  |  |  |
| 50 | 35.06 | 171 | 22.66 | 4±0.1 | 3.1±0.1 | 0.9±0 | 4.1±0.1 | 0.9±0 | 0.3±0 | 1.5±0.1 | 0.2±0 | 1.9±0.1 | 0.5±0 | 1.7±0.1 | 0.2±0 | 1.2±0 | 0.2±0 |
| 170 | 35.59 | 141 | 24.76 | 4±0.2 | 2.5±0.1 | 0.8±0 | 3.6±0.1 | 0.7±0 | 0.2±0 | 1.4±0.1 | 0.2±0 | 1.8±0.1 | 0.5±0 | 1.6±0.1 | 0.2±0 | 1.2±0 | 0.2±0 |
| 200 | 35.60 | 140 | 24.90 | 3.6±0.1 | [1.6±0.1] | 0.7±0 | 3.3±0.1 | 0.7±0 | 0.2±0 | 1.3±0.1 | 0.2±0 | 1.7±0.1 | 0.5±0 | 1.7±0.1 | 0.2±0 | 1.2±0 | 0.2±0 |
| 700 | 34.47 | 169 | 27.16 | 11.2±0.2 | 1.2±0 | 1.5±0 | 7.1±0.1 | 1.4±0 | 0.5±0 | 2.4±0.1 | 0.4±0 | 3.5±0.1 | 1±0 | 4±0.1 | 0.6±0 | 4±0.1 | 0.7±0 |
| 1650a | *34.61* | *123* | *27.62* | *19.6±0.9* | *2.2±0.2* | *2.5±0* | *11.7±0.2* | *2.3±0.1* | *0.7±0* | *3.8±0* | *0.6±0* | *4.8±0.1* | *1.4±0* | *5.2±0* | *0.8±0* | *5.6±0.1* | *1.1±0* |
| Station 077 (July 28, 2012; 5° 57' 3.6'' S; 147° 39' 36'' E; depth : 1045 m) | | | | | | | |  |  |  |  |  |  |  |  |  |  |
| 25 | 34.77 | 191 | 22.35 | 9.1±0.2 | 3.7±0.1 | 1±0 | 4.9±0.1 | 1.1±0 | 0.4±0 | 1.8±0.1 | 0.3±0 | 2.2±0.1 | 0.6±0 | 1.8±0 | 0.2±0 | 1.3±0 | 0.2±0 |
| 180 | 35.61 | 140 | 24.85 | 3.9±0.1 | 2.3±0 | 0.7±0 | 3.4±0 | 0.8±0 | 0.2±0 | 1.3±0 | 0.2±0 | 1.7±0 | 0.5±0 | 1.6±0 | 0.2±0 | 1.1±0 | 0.2±0 |
| 501 | 34.57 | 178 | 26.94 | 13.2±0.2 | 5.2±0.5 | 1.8±0 | 8±0.1 | 1.6±0 | 0.5±0 | 2.4±0.1 | 0.4±0 | 3.3±0.1 | 1±0 | 3.6±0.1 | 0.5±0 | 3.6±0.1 | 0.6±0 |
| 701 | 34.48 | 159 | 27.20 | 13.1±0.2 | [1.6±0] | 1.7±0 | 7.9±0.1 | 1.5±0 | 0.5±0 | 2.7±0.1 | 0.4±0 | 3.7±0.1 | 1.1±0 | 4.3±0.1 | 0.7±0 | 4.3±0.1 | 0.8±0 |
| 983 | 34.51 | 145 | 27.35 | 20±0.7 | 2.9±0.1 | 2.1±0 | 9.6±0.2 | 1.9±0.1 | 0.6±0 | 3.1±0.1 | 0.5±0 | 4.3±0.2 | 1.3±0 | 4.8±0.1 | 0.8±0 | 5±0.1 | 1±0 |
| Station 082- Non-filtrated (August 03, 2012; 13° 59' 49.2'' S; 156° 0' 25.2'' E; depth : 2586 m) | | | | | | | | | |  |  |  |  |  |  |  |  |
| 25 | 34.93 | 197 | 22.92 | 6.6±0.2 | 4.9±0.1 | 0.9±0 | 4.2±0.1 | 0.9±0.1 | 0.4±0 | 1.7±0.1 | 0.2±0 | 1.9±0.1 | 0.5±0 | 1.7±0.1 | 0.2±0 | 1.1±0 | 0.2±0 |
| 180 | 35.79 | 129 | 24.65 | 6.2±0.3 | 4.6±0.2 | 0.8±0 | 3.5±0.1 | 0.8±0 | 0.2±0 | 1.3±0.1 | 0.2±0 | 1.6±0.1 | 0.5±0 | 1.6±0.1 | 0.2±0 | 1.1±0 | 0.2±0 |
| 700 | 34.47 | 165 | 27.13 | 14±0.6 | 4.5±0.2 | 1.9±0.1 | 8.1±0.2 | 1.6±0.1 | 0.5±0 | 2.9±0.1 | 0.4±0 | 3.8±0.2 | 1.1±0 | 4.3±0.2 | 0.7±0 | 4.1±0.1 | 0.7±0 |
| 800 | 34.45 | 163 | 27.23 | 15.5±0.7 | 4.4±0.2 | 2±0.1 | 8.6±0.3 | 1.7±0.1 | 0.5±0 | 2.9±0.1 | 0.5±0 | 3.9±0.2 | 1.2±0.1 | 4.6±0.2 | 0.7±0 | 4.5±0.1 | 0.8±0 |
| 1000 | 34.50 | 151 | 27.38 | 17.3±0.7 | 14±0.3 | 2.1±0.1 | 9.5±0.2 | 1.8±0.1 | 0.6±0 | 3.3±0.1 | 0.5±0 | 4.2±0.1 | 1.3±0.1 | 4.9±0.2 | 0.8±0 | 5±0.1 | 0.9±0 |
| 1200a | *34.54* | *145* | *27.48* | *20±1.7* | *6.9±3* | *2.2±0* | *10±0.2* | *1.9±0.1* | *0.6±0* | *3.3±0* | *0.5±0* | *4.6±0.1* | *1.4±0* | *5.3±0.1* | *0.8±0* | *5.6±0.1* | *1.1±0* |
| 1350 | 34.57 | 140 | 27.53 | 22.1±1.2 | 3±0.1 | 2.4±0.1 | 11±0.4 | 2.3±0.1 | 0.6±0 | 3.7±0.2 | 0.6±0 | 5.1±0.3 | 1.5±0.1 | 5.8±0.3 | 0.9±0 | 6±0.2 | 1.2±0.1 |
| 2000 | 34.64 | 141 | 27.67 | 29.1±1.1 | 10.7±0.4 | 3.6±0.1 | 14.5±0.4 | 2.7±0.2 | 0.9±0.1 | 4.7±0.2 | 0.7±0 | 6.1±0.2 | 1.8±0.1 | 6.8±0.3 | 1±0 | 7.3±0.2 | 1.5±0.1 |

aItalic values refer to data with its statistical error bar.

Square brackets indicate data with low recoveries