|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Cruise** | **St** | **Depth (m)** | **Leu incorporation rate** | **A/B\*** |
| **Detached ISMI bottle (A)** | **Centrifuge tube (B)** |
| M139 | A5\_6 | 474 | 0.34 ± 0.02 | 0.30 ± 0.00 | 1.1 |
| M139 | A5\_6 | 3999 | 0.03 ± 0.00 | 0.02 ± 0.00 | 1.5 |
| MOB | M1 | 2499 | 0.15 ± 0.01 | 0.16 ± 0.01 | 1.0 |
| MOB | M2\_1 | 448 | 1.23 ± 0.02 | 1.35 ± 0.00 | 0.9 |
| MOB | M2\_2 | 400 | 0.65 ± 0.02 | 0.69 ± 0.00 | 0.9 |
| MOB | M2\_3 | 175 | 1.40 ± 0.05 | 1.46 ± 0.00 | 1.0 |
| MOB | M3\_1 | 1499 | 0.07 ± 0.00 | 0.08 ± 0.00 | 0.9 |
| MOB | M3\_3 | 1498 | 0.06 ± 0.01 | 0.08 ± 0.00 | 0.7 |
| MOB | M4\_1 | 3998 | 0.02 ± 0.00 | 0.02 ± 0.00 | 1.1 |
| MOB | M4\_2 | 3500 | 0.01 ± 0.00 | 0.02 ± 0.00 | 0.7 |
| RadProf18 | 12 | 2759 | 0.01 ± 0.00 | 0.01 ± 0.00 | 1.0 |
| RadProf18 | 111 | 3443 | 0.01 ± 0.00 | 0.01 ± 0.00 | 0.7 |
| RadCan18 | C3 | 743 | 0.44 ± 0.00 | 0.49 ± 0.03 | 0.9 |
| RadCan18 | S7 | 2220 | 0.03 ± 0.00 | 0.04 ± 0.01 | 0.7 |

\*A/B: Ratio of leucine incorporation rate measured in ISMI bottle to centrifuge tubes

St: station, MOB: MOBYDICK, RadProf18: RADPROF201808, RadCan18: RADCAN201808