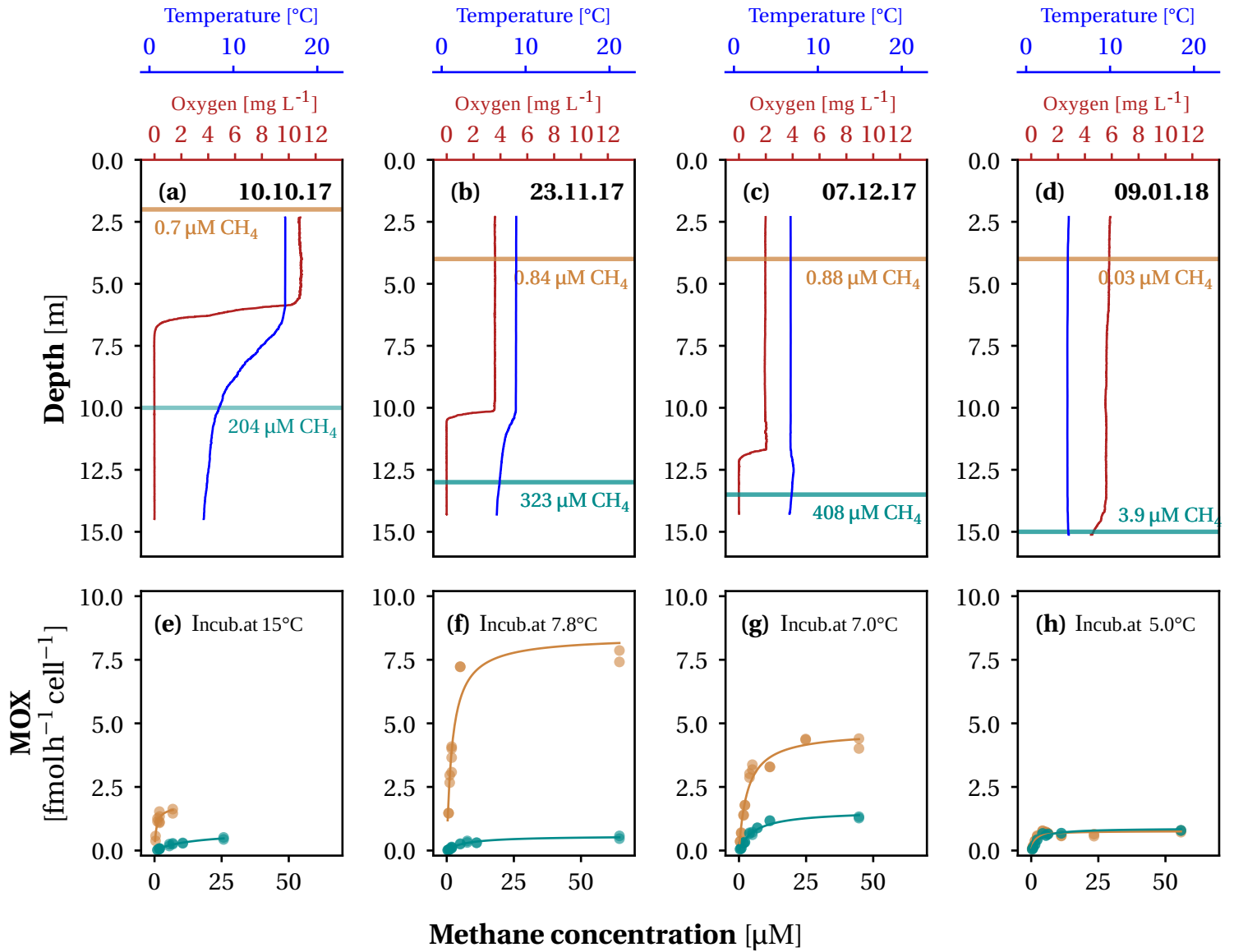
Temperature [°C]
0 10 20
Oxygen [mg L-1]
0 2 4 6 8 10 12
Depth [m]
0.0 2.5 5.0 7.5 10.0 12.5 15.0
(a) 10.10.17
0.7 µM CH4
204 µM CH4
(b) 23.11.17
0.84 µM CH4
323 µM CH4
(c) 07.12.17
0.88 µM CH4
408 µM CH4
(d) 09.01.18
0.03 µM CH4
3.9 µM CH4
MOX [fmol h-1 cell-1]
0.0 2.5 5.0 7.5 10.0
(e) Incub.at 15°C
(f) Incub.at 7.8°C
(g) Incub.at 7.0°C
(h) Incub.at 5.0°C
0 25 50
Methane concentration [µM]