



Figure S1. Typical time course experiments at the coastal station L4 showing the amount of radioactive carbon from the added $^{14}\text{C}_2$ -DMSO that was used during (a) assimilation into particulate material and (b) oxidation to $^{14}\text{CO}_2$ after tracer addition of ≤ 1.6 nM $^{14}\text{C}_2$ -DMSO. Where DPM is disintegrations per minute (1 DPM = 4.51×10^{-13} Ci). Error bars represent ± 1 standard deviation of 3 replicate samples.