With small size classes, eta=0.62,b=132 d Start date: 2021-08-04; End date: 2021-09-24 250 300 0 PARR  $(k_{rem}=0.013;$ 350 Belcher et al.) Depth (m) PARR 400 (Kalvelage /Iversen) PARR 450  $(k_{rem} = 0.1)$ PARR 500  $(k_{rem} = 0.5)$ **Bulk POC** resp. rate 550 600 2000 4000 6000 Carbon Consumption Rate (mgC/m<sup>2</sup>)