With small size classes, eta=0.62,b=132 Start date: 2021-04-13; End date: 2021-08-18 250 300 350 02 Depth (m) 400 450 PARR  $(k_{rem}=0.013;$ Belcher et al.) PARR (Kalvelage /Iversen) 500 PARR  $(k_{rem} = 0.1)$ PARR 550  $(k_{rem} = 0.5)$ Bulk POC 600 resp. rate 2000 4000 6000 Carbon Consumption Rate (mgC/m<sup>2</sup>)