Exp1: k=0.1Exp2: k=1.0 flxswi(O2): -2.7874e-06 flxswiO2: -8.7819e-06 all OM 0 degraded Depth (cm) Depth (cm) -50 -50 -100 -100 0.01 0.02 0.01 0.02 TOC (wt%) lower SWI flux TOC (wt%) higher SWI flux 0 0 Depth (cm) Depth (cm) -50 -50 -100 -100 0  $O_2 \text{ (mol/cm}^{-3}\text{)} 10^{-7}$  $O_2 \text{ (mol/cm}^{-3} \times 10^{-7}$