



Figure S 1 - Vertical distribution of meiofauna density (plots on left side) and meiofauna respiration, O<sub>2</sub> micro-profiles and volume specific O<sub>2</sub> consumption (plots on right side). Values of meiofauna respiration was multiplied by 5 for better representation. For figures on right side: blue line bars – volume specific O<sub>2</sub> consumption; grey bars – meiofauna respiration with standard errors; red dots – O<sub>2</sub> micro-profiles. Values of the volume specific O<sub>2</sub> consumption is a subset of data presented in Glud et al.<sup>26</sup>.