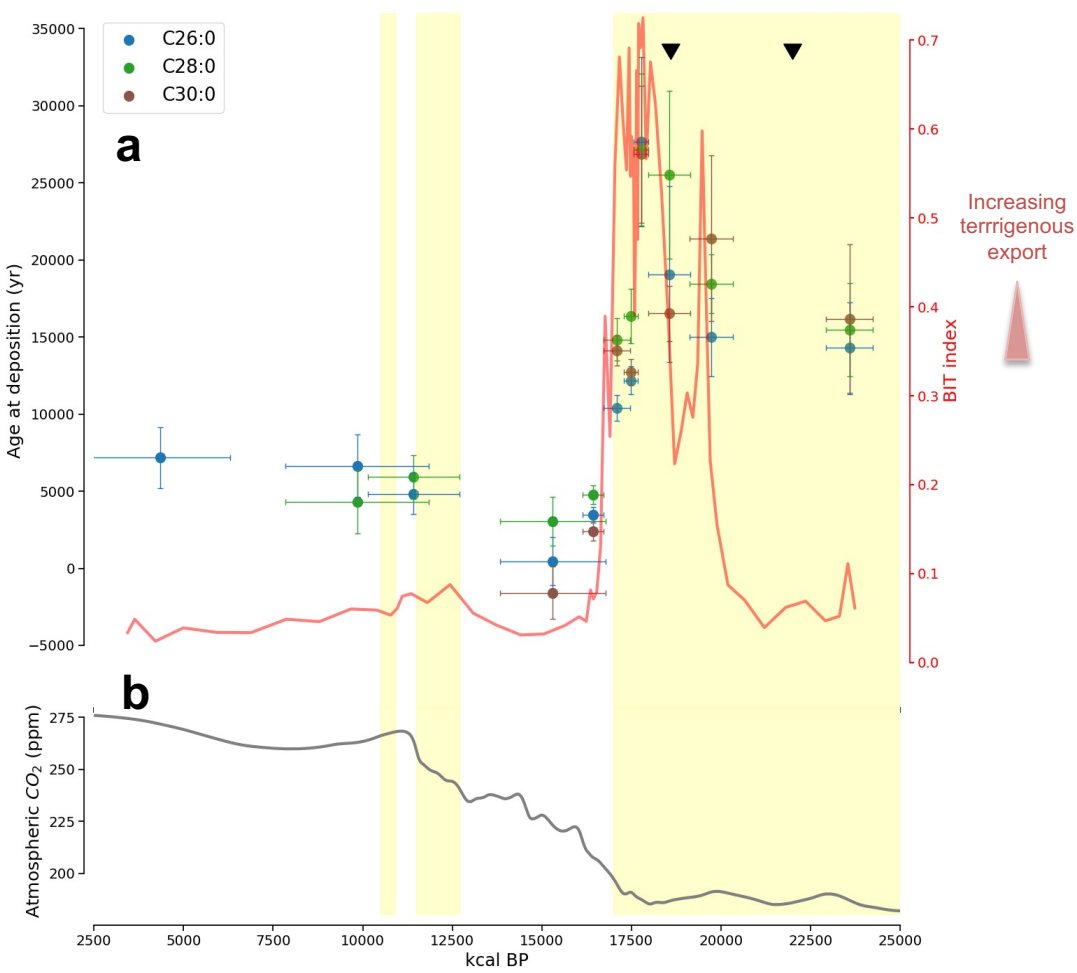
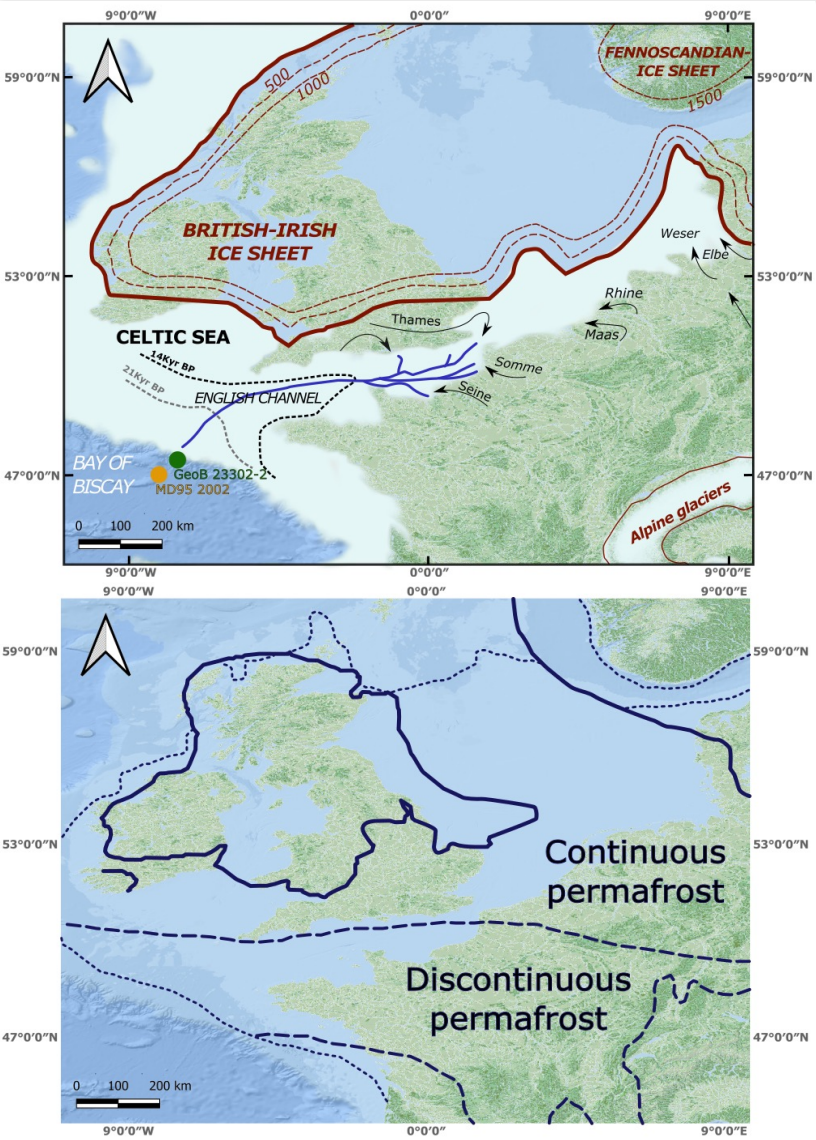
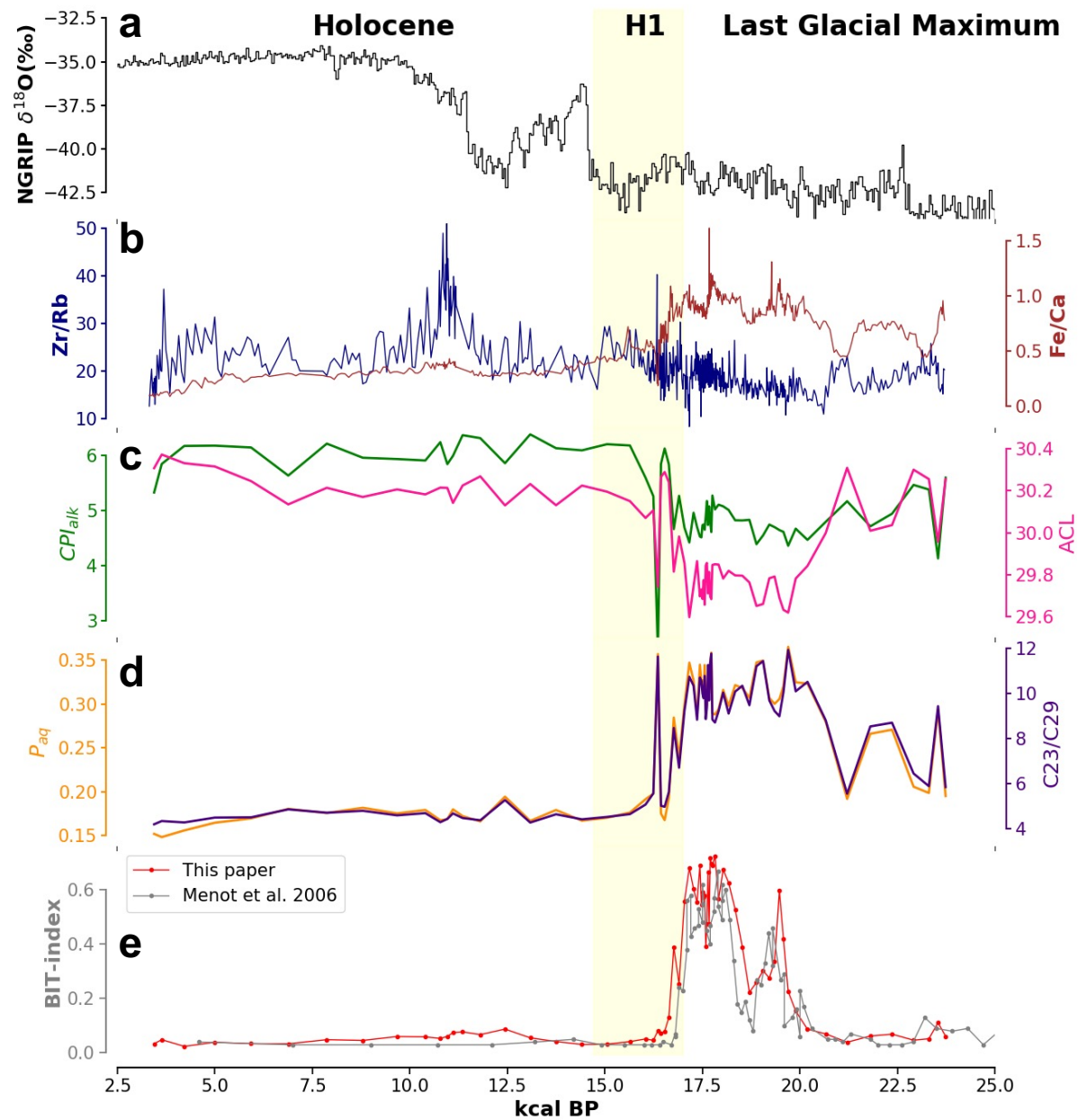


Uncovering the contribution of permafrost thaw to the enhanced terrestrial organic matter input into the Bay of Biscay during the last deglaciation

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a: Pre-deposition ages of *n*-alkanoic acids from core GeoB23302-2. Yellow bands mark major periods of permafrost cover in the study region (Vandenberghe and Pissart, 1993). Arrows indicate periods of ice sheet retreat (e.g., Bowen et al. 2002).
b: Atmospheric CO₂ record (Kohler et al. 2017).



a: NGRIP $\delta^{18}\text{O}$ record (Andersen et al., 2004). **b:** Zr/Rb and Fe/Ca elemental ratios from XRF data. **c:** CPI_{alk} and ACL records. **d:** P_{aq} and C23/C29 records. **e:** BIT index.