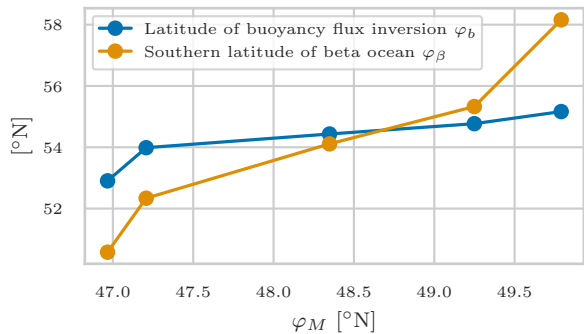
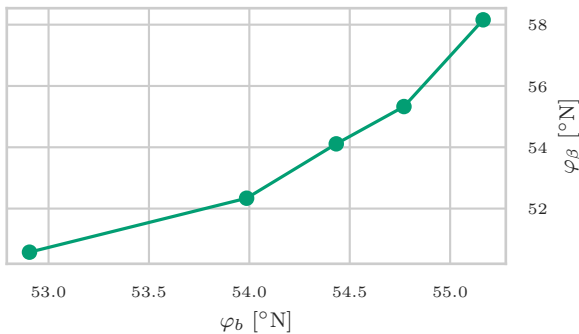
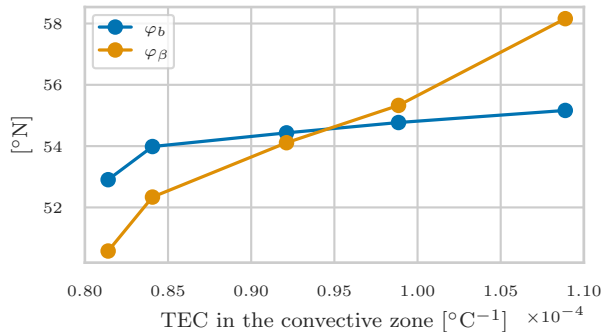
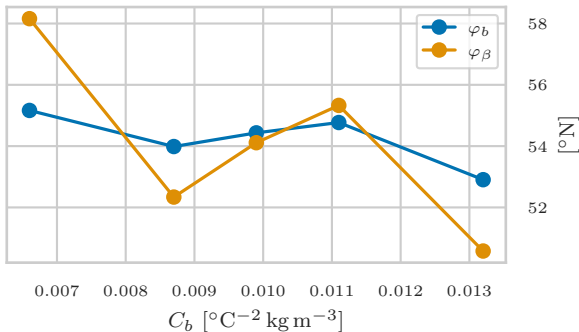
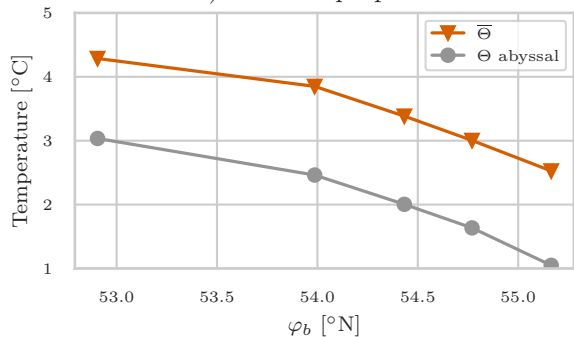


a)  $\varphi_\beta$  and  $\varphi_b$  versus  $\varphi_M$ b)  $\varphi_\beta$  versus  $\varphi_b$ c)  $\varphi_\beta$  and  $\varphi_b$  versus TECd)  $\varphi_\beta$  and  $\varphi_b$  versus  $C_b$ 

e) Thermal properties



f) Haline properties

