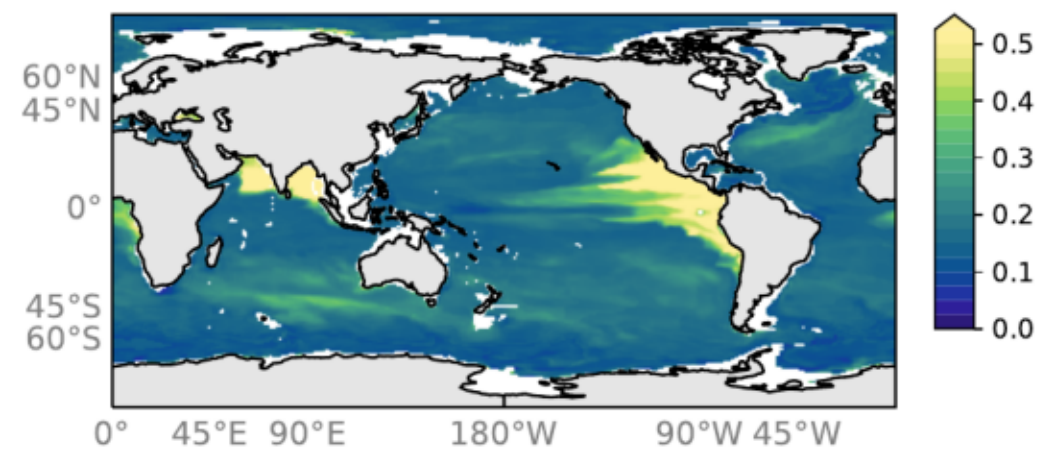
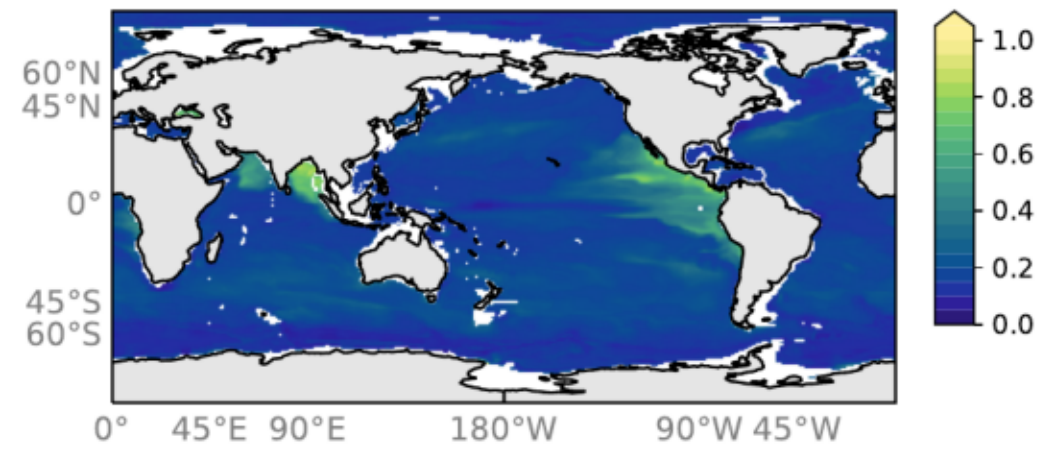


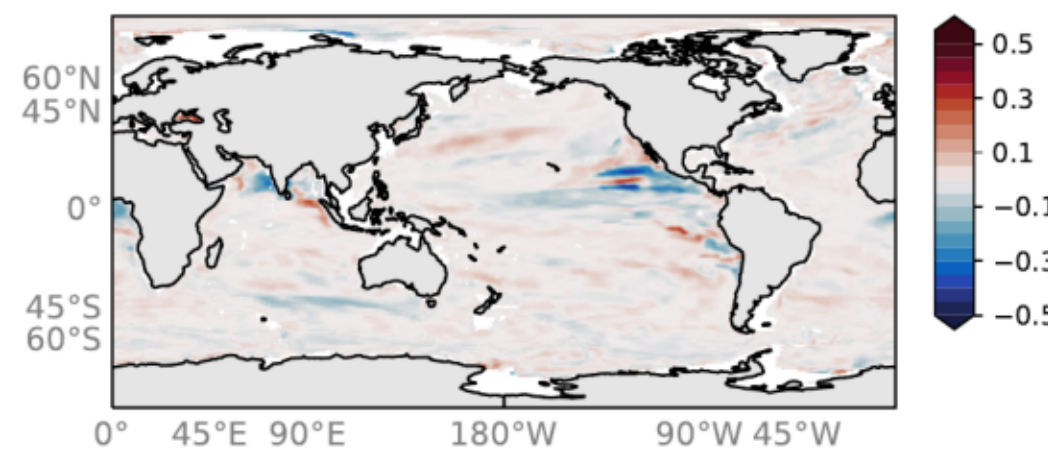
Transfer efficiency for POC flux 100.0 → 1000.0
RYF8485 1770-1773



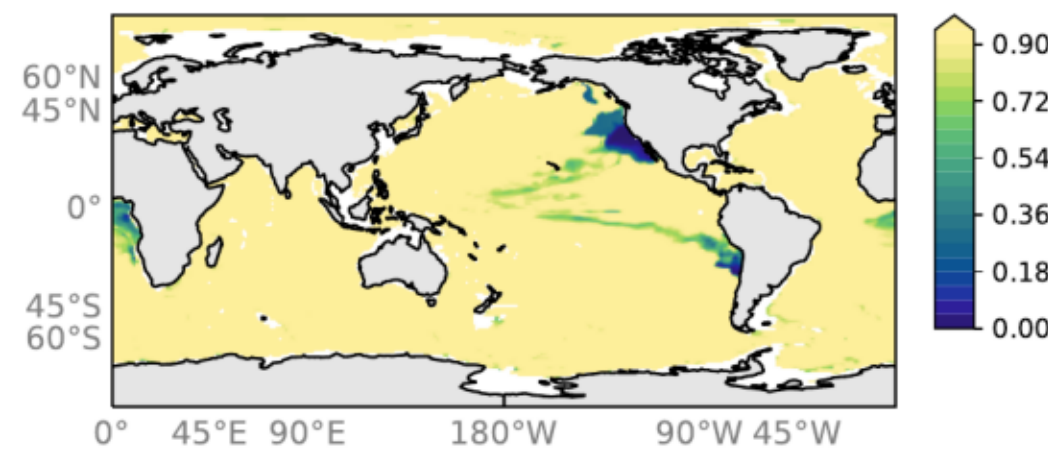
Transfer efficiency for POC flux 100.0 → 1000.0
RYF6162 1770-1773



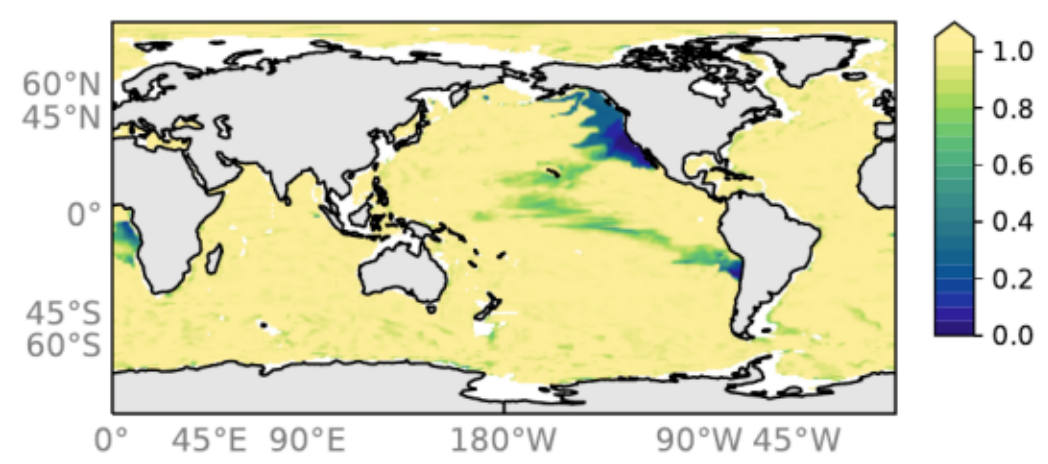
Transfer efficiency for POC flux 100.0 → 1000.0
RYF6162 1770-1773 - RYF8485 1770-1773 -



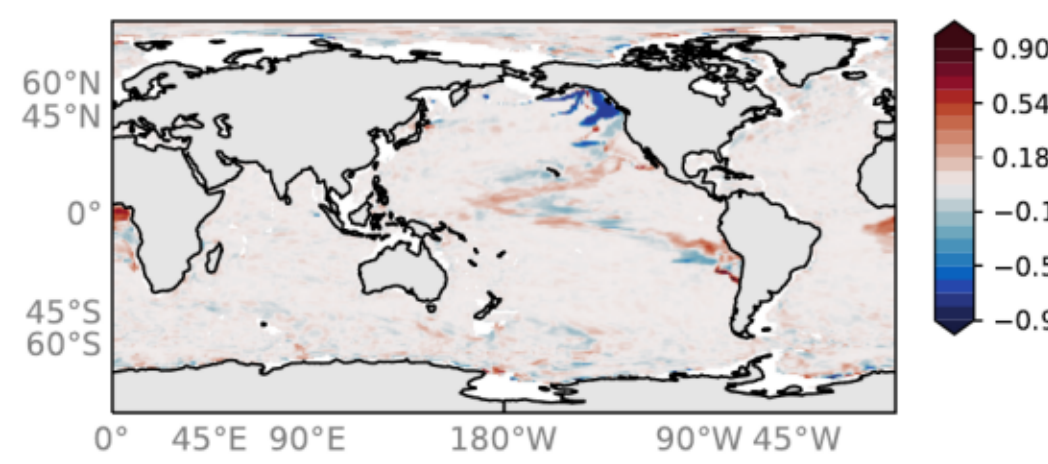
Transfer efficiency for CaCO₃ flux 100.0 → 1000.0
RYF8485 1770-1773



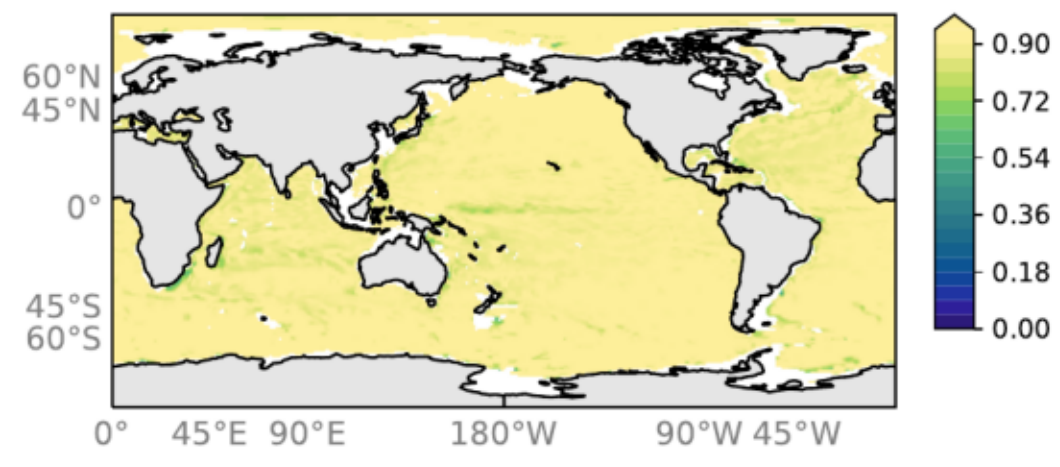
Transfer efficiency for CaCO₃ flux 100.0 → 1000.0
RYF6162 1770-1773



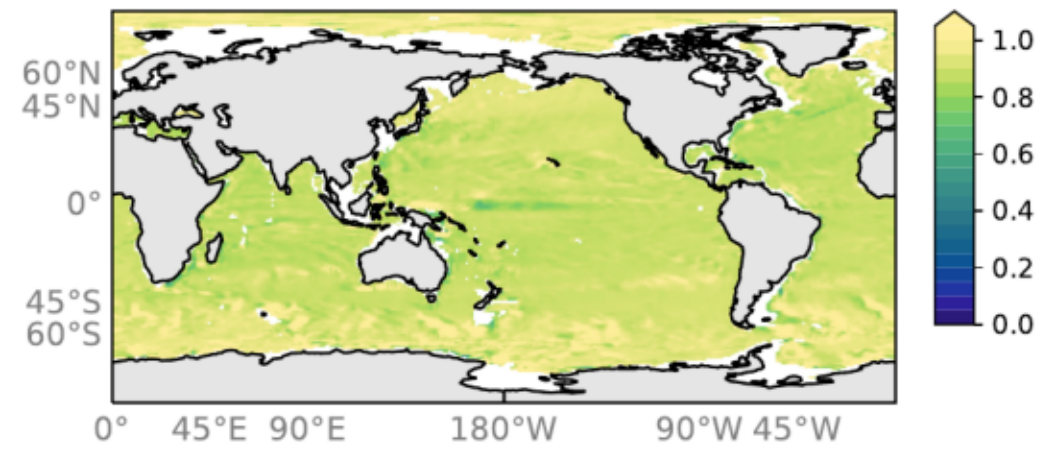
Transfer efficiency for CaCO₃ flux 100.0 → 1000.0
RYF6162 1770-1773 - RYF8485 1770-1773 -



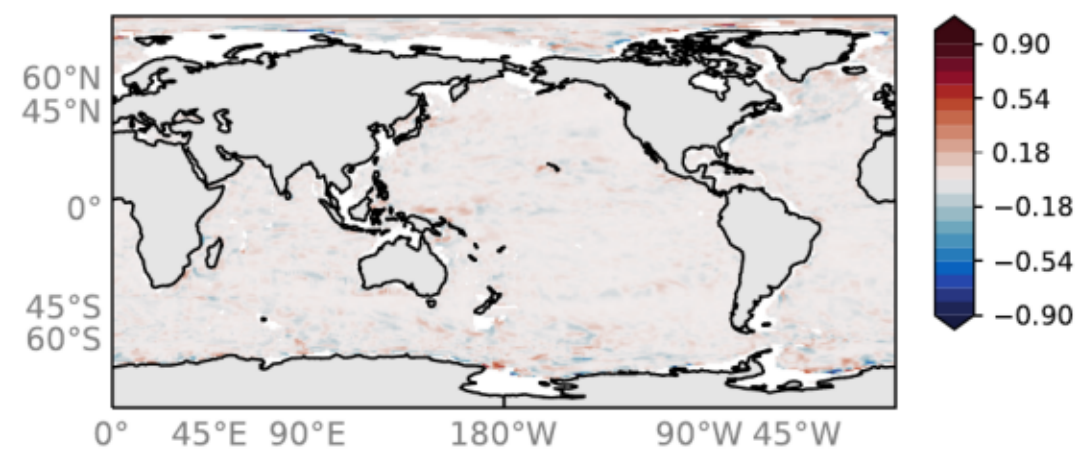
Transfer efficiency for Opal flux 100.0 → 1000.0
RYF8485 1770-1773



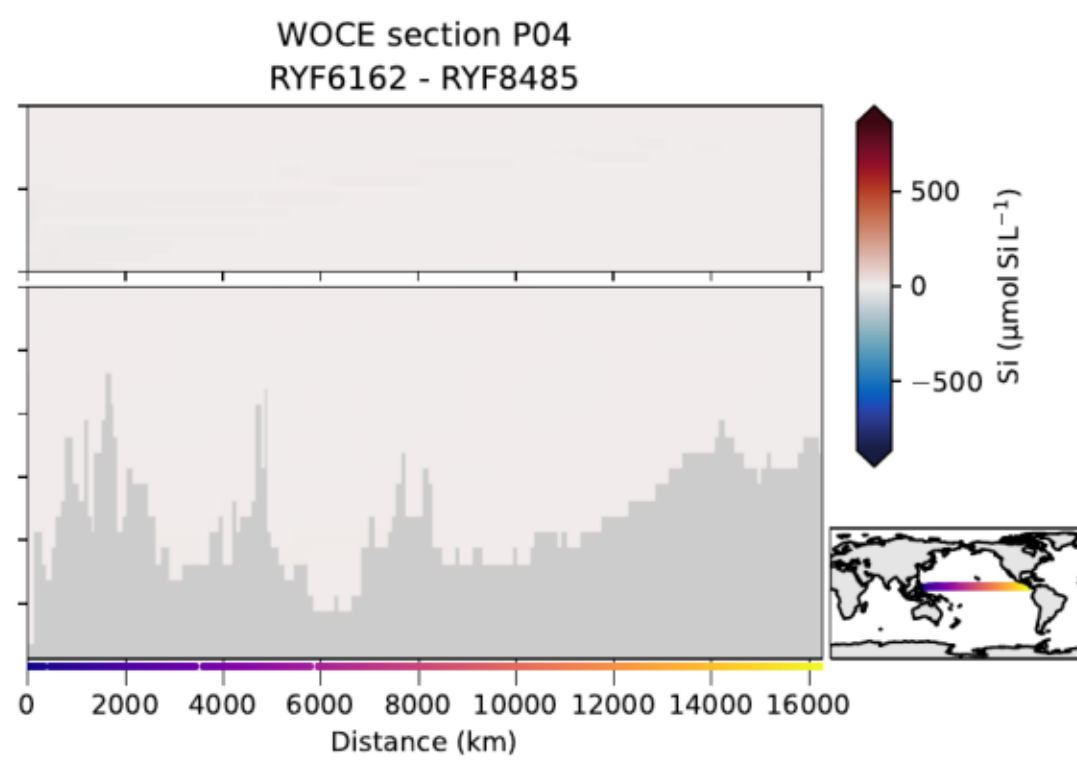
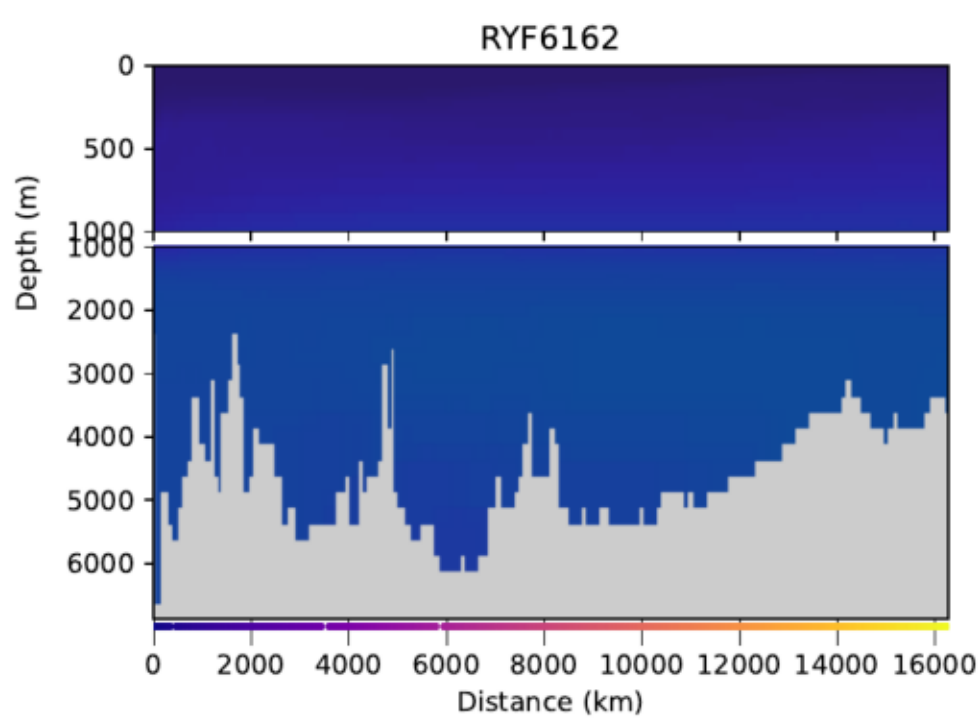
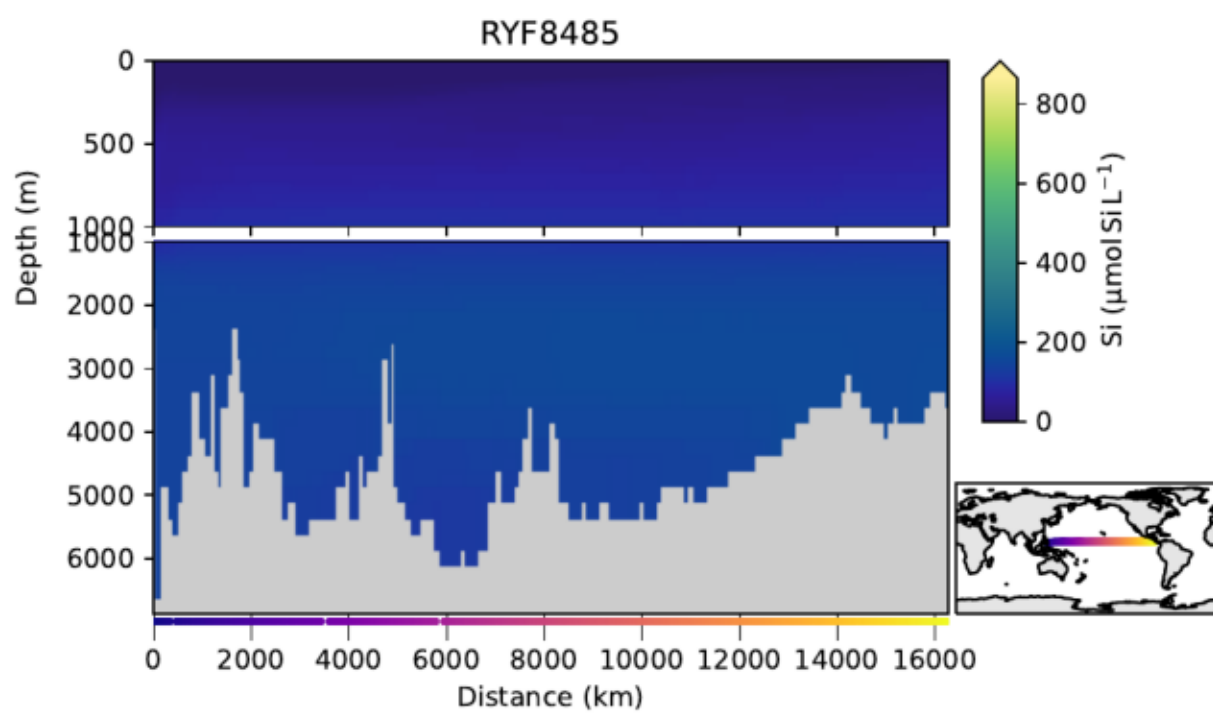
Transfer efficiency for Opal flux 100.0 → 1000.0
RYF6162 1770-1773



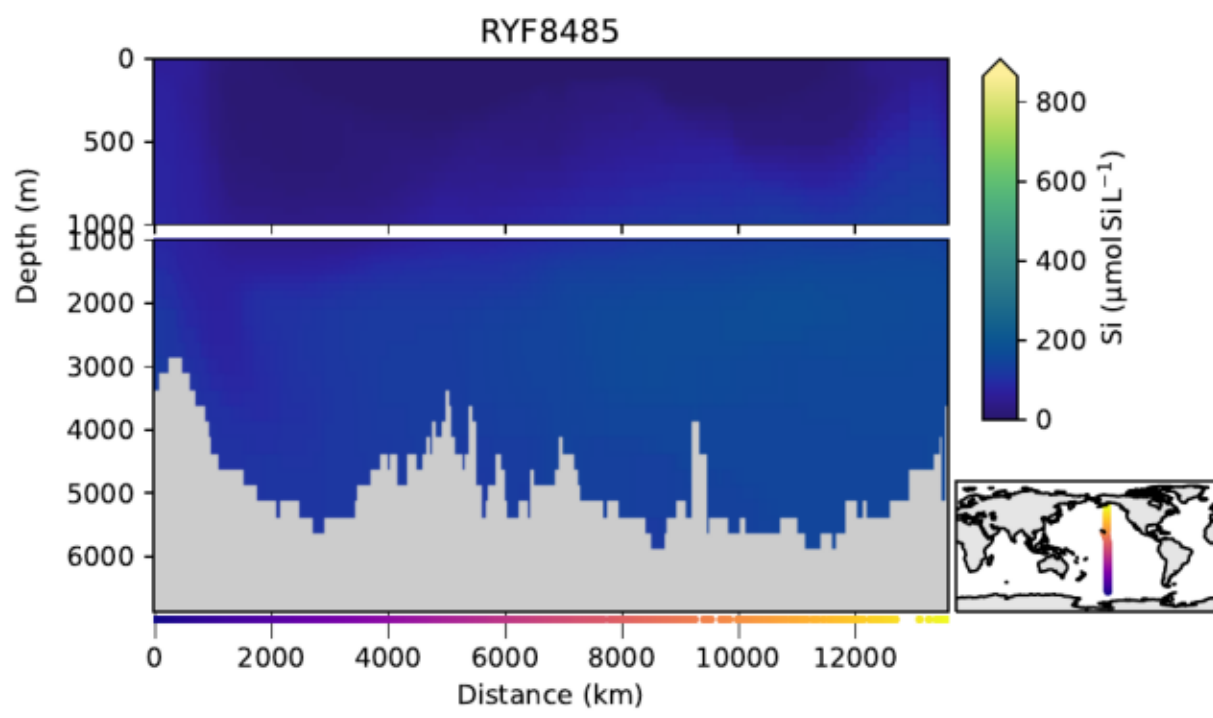
Transfer efficiency for Opal flux 100.0 → 1000.0
RYF6162 1770-1773 - RYF8485 1770-1773 -

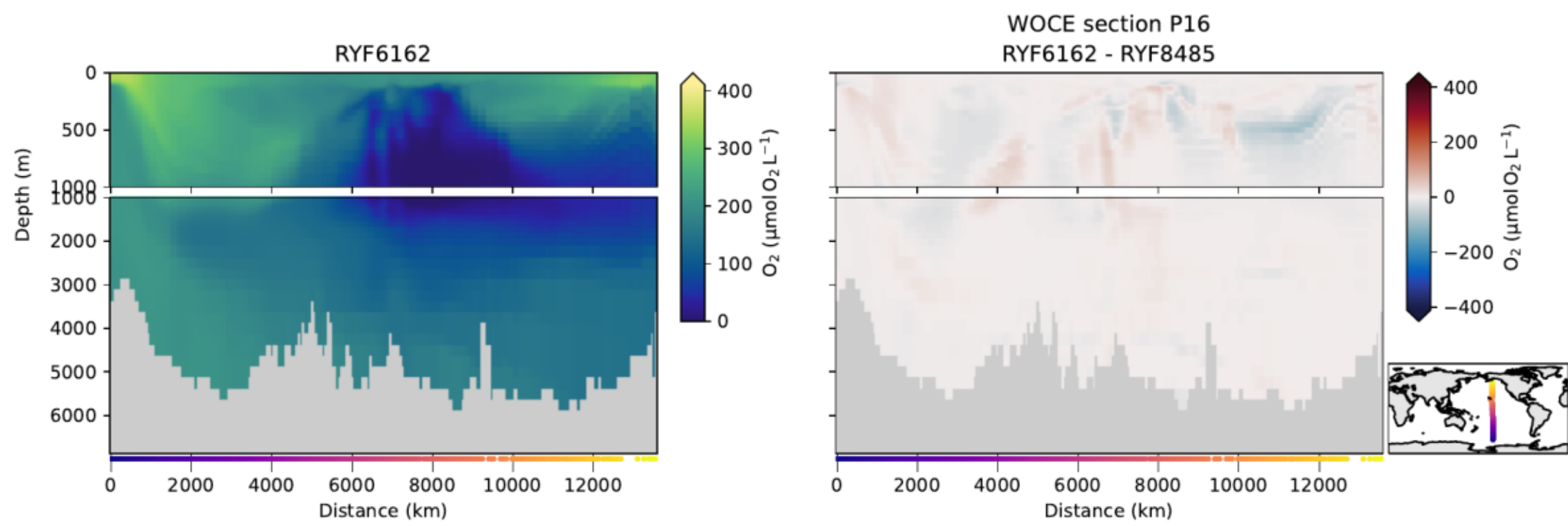
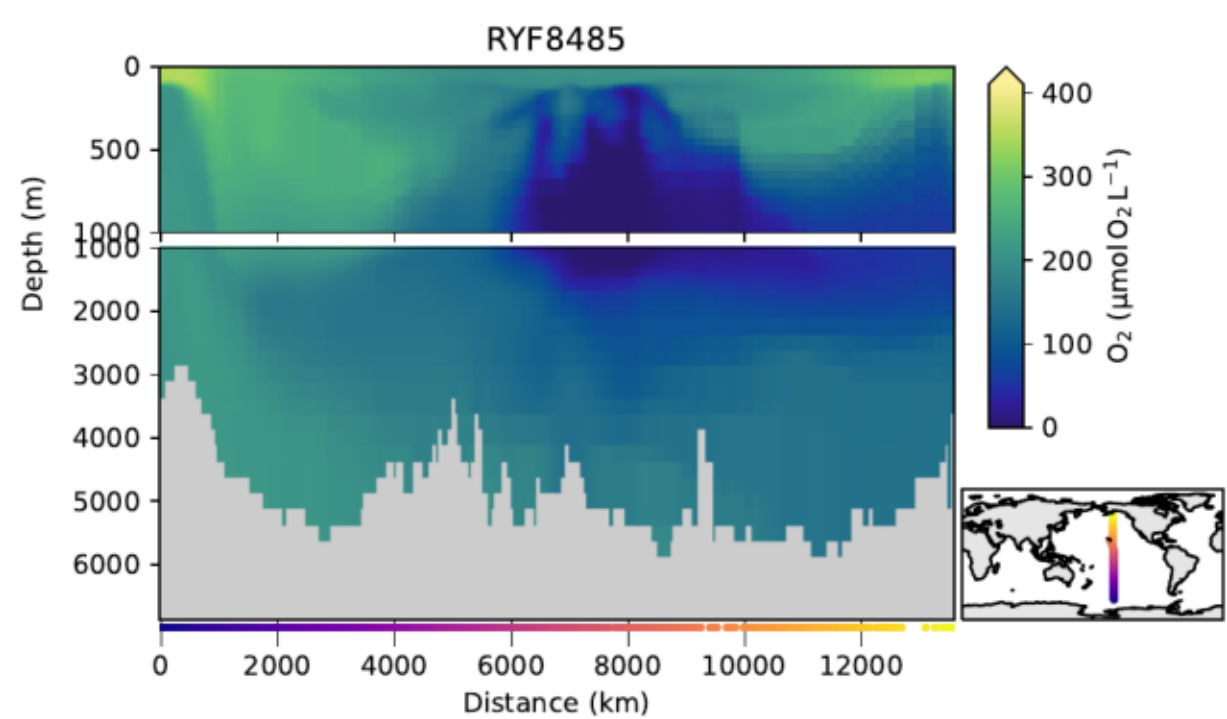
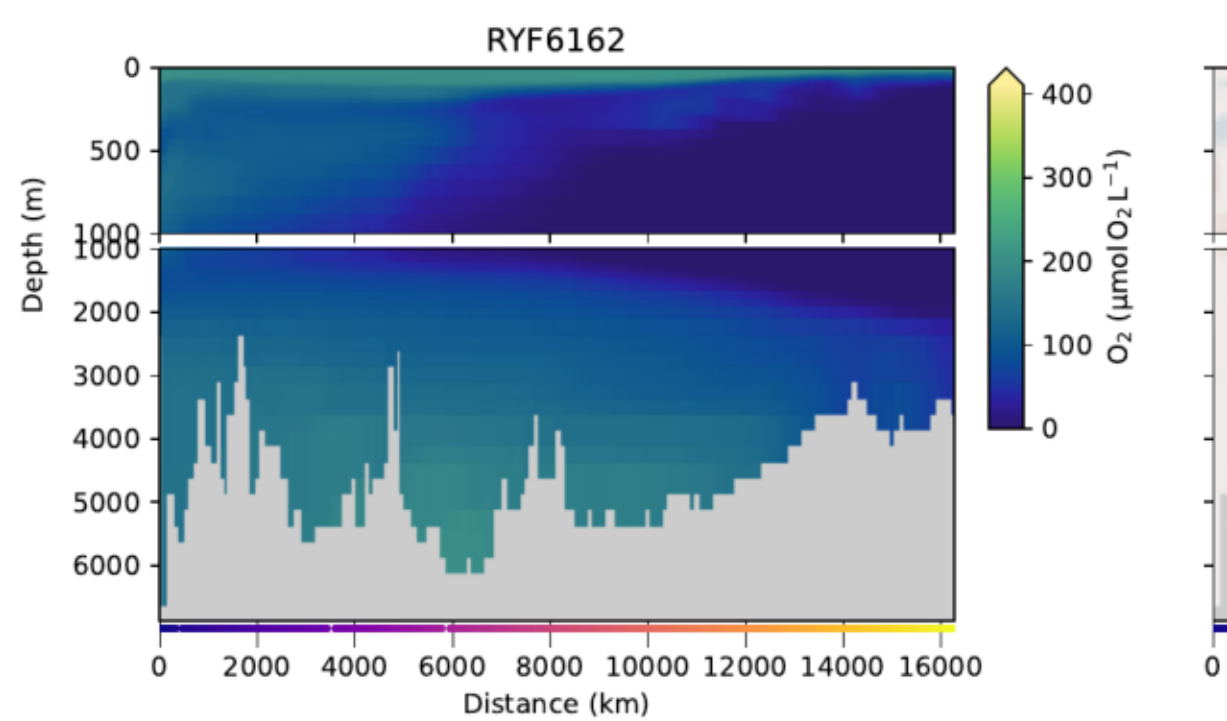
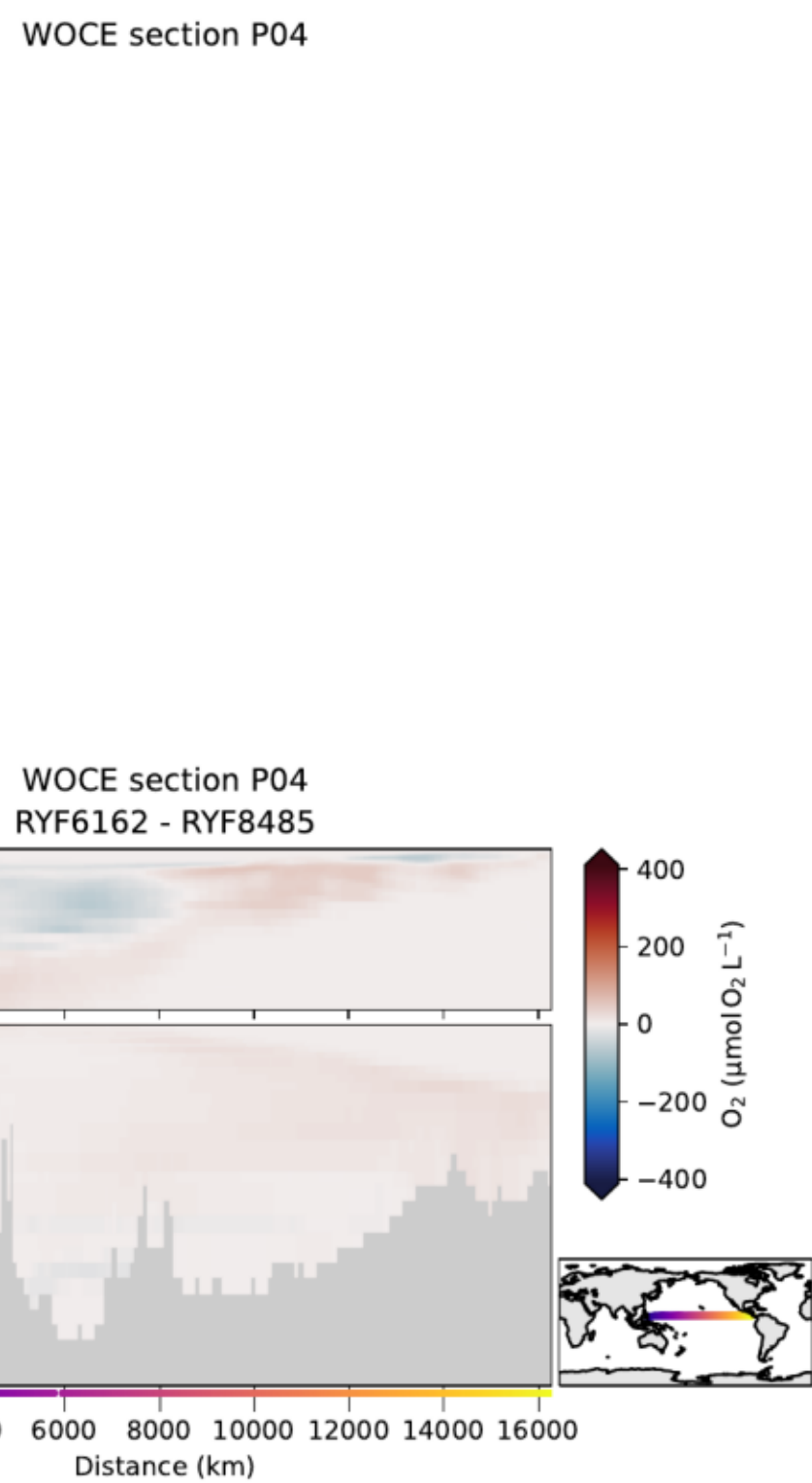
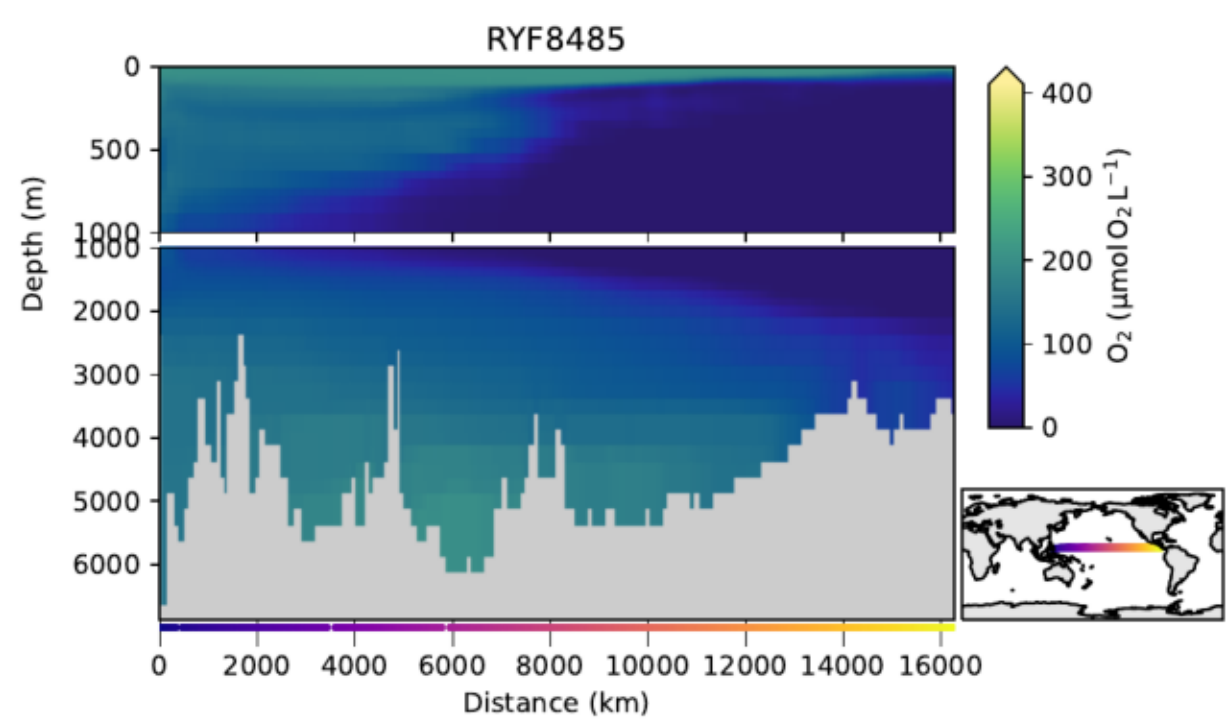
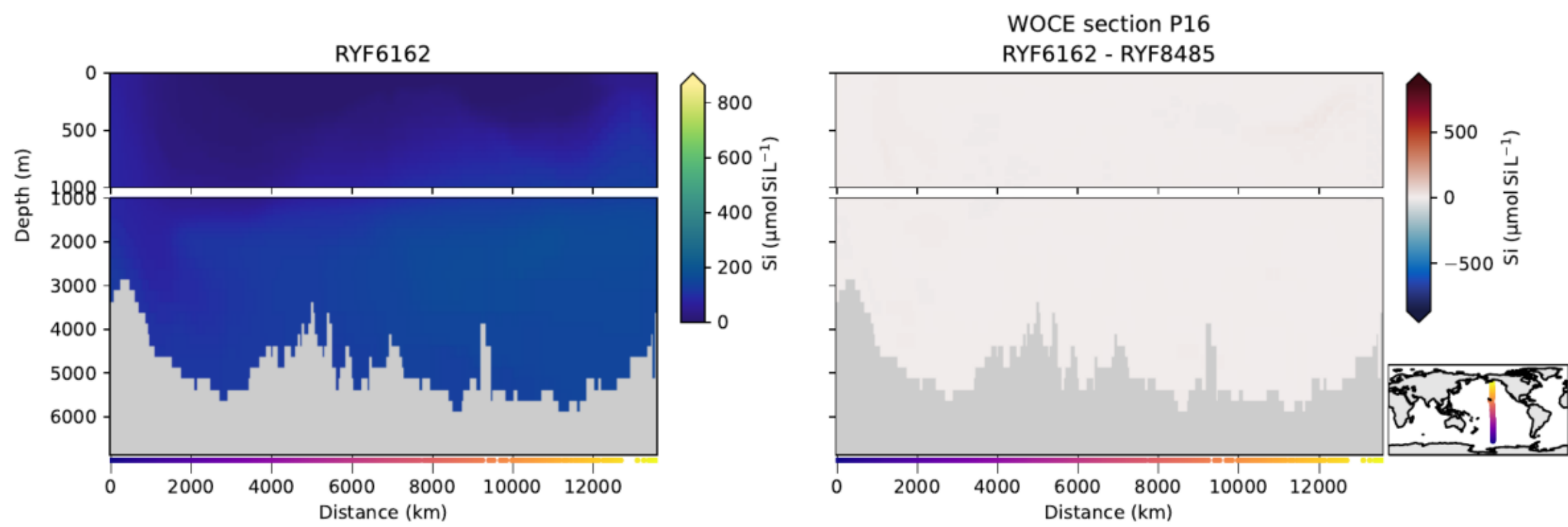


WOCE section P04

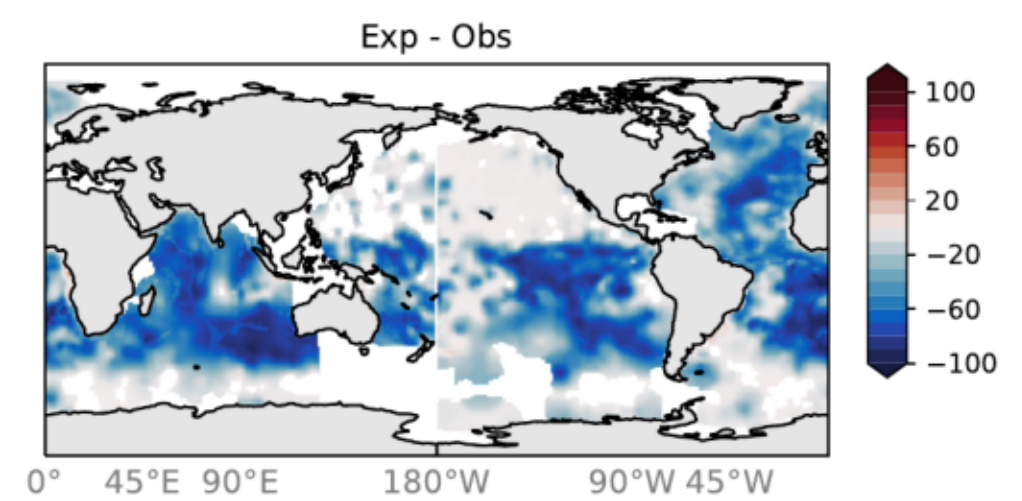
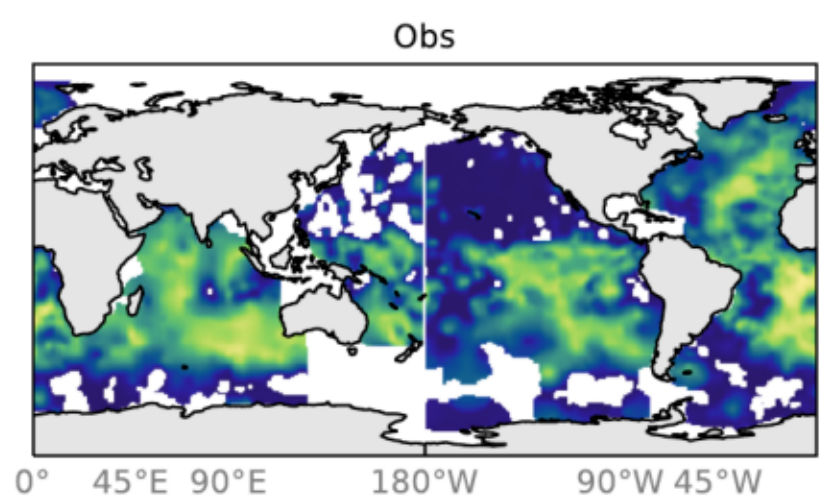
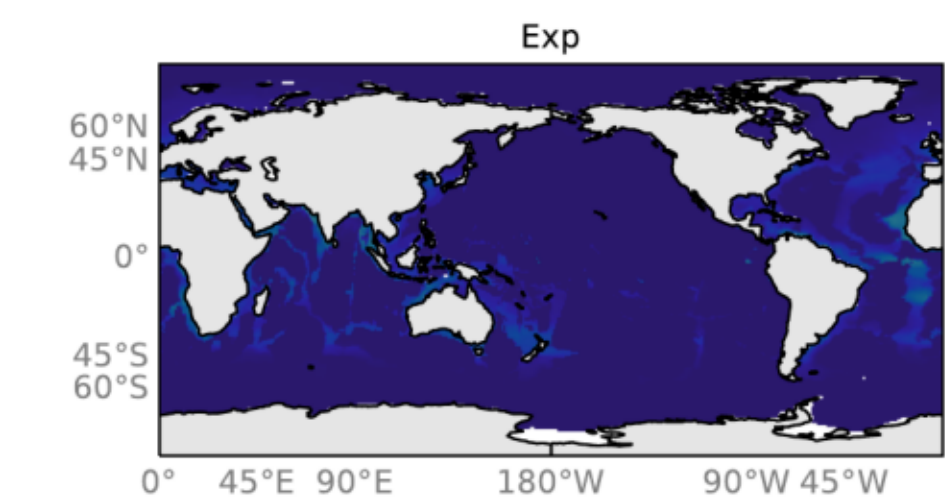


WOCE section P16

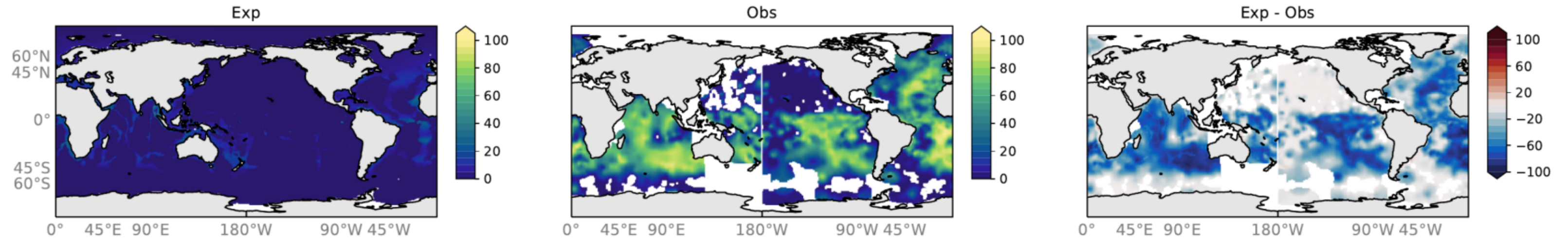




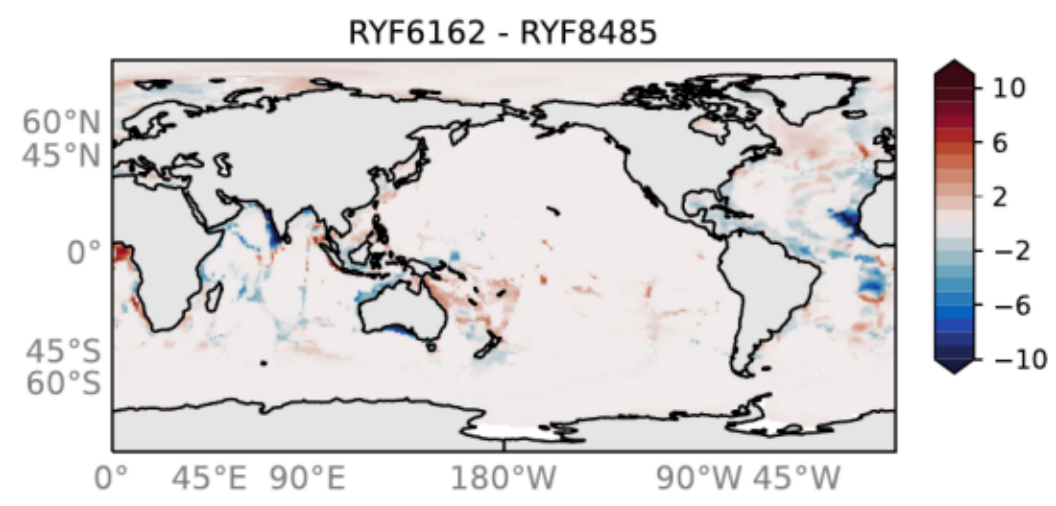
RYF8485 mean over years: 1770-1773
Observations: Seiter CaCO_3 (wt-%)



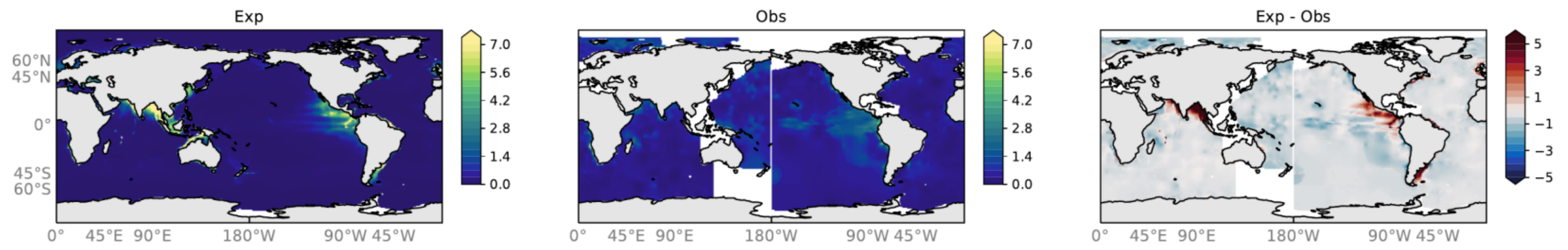
RYF6162 mean over years: 1770-1773
Observations: Seiter CaCO_3 (wt-%)



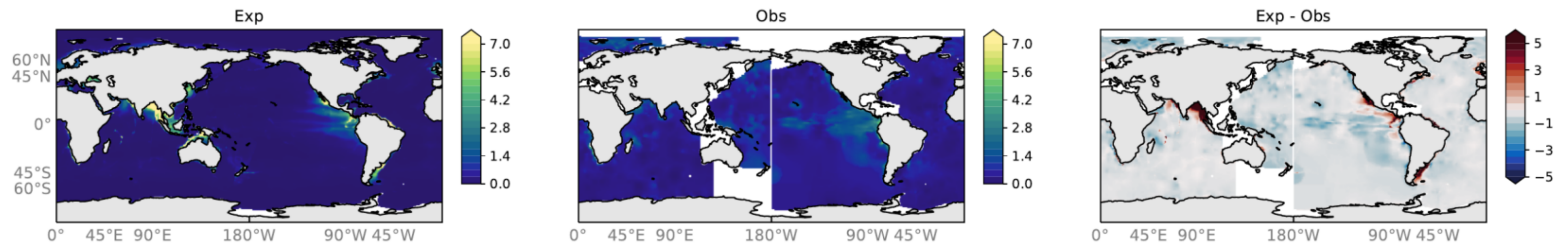
RYF6162 - RYF8485
 CaCO_3 (wt-%)



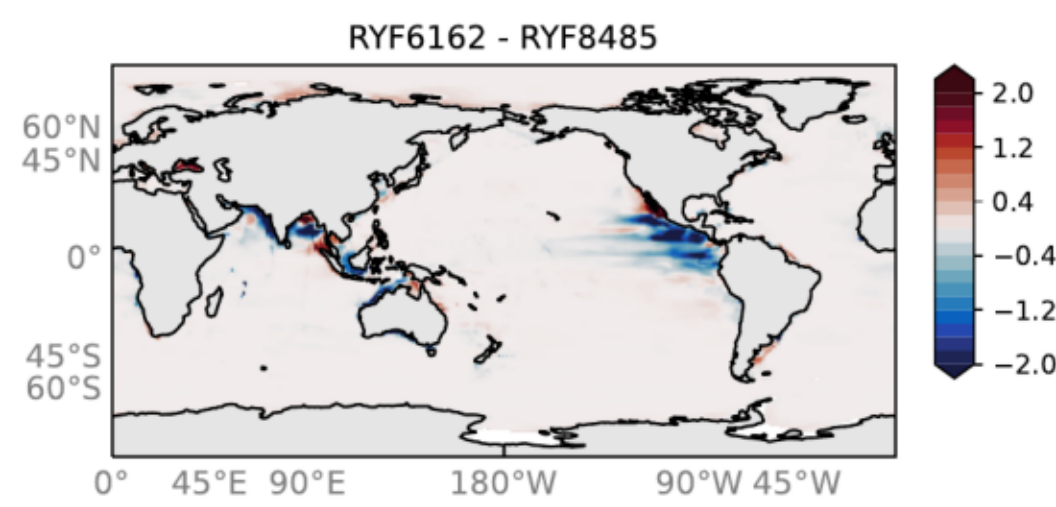
RYF8485 mean over years: 1770-1773
Observations: Seiter TOC (wt-%)



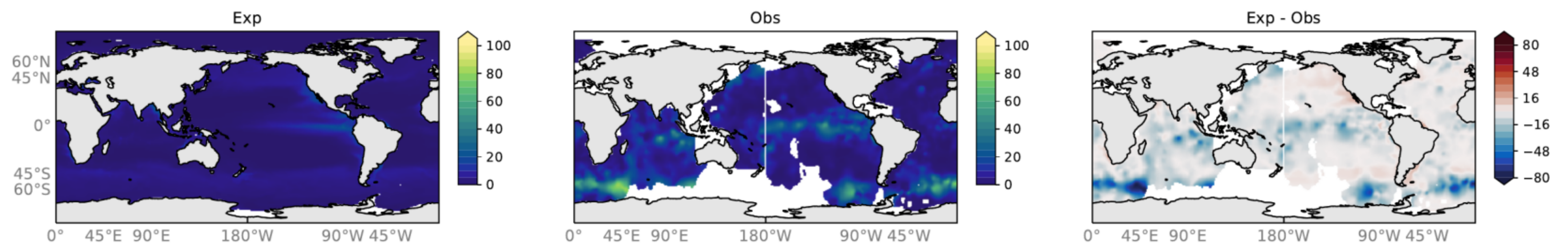
RYF6162 mean over years: 1770-1773
Observations: Seiter TOC (wt-%)



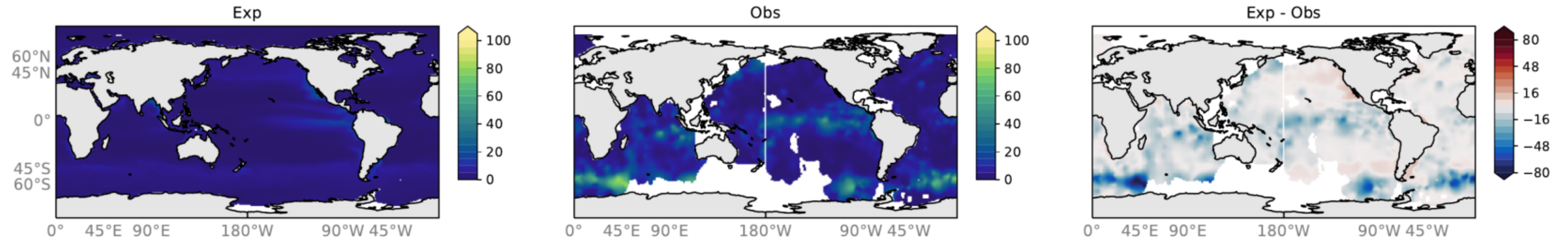
RYF6162 - RYF8485
TOC (wt-%)



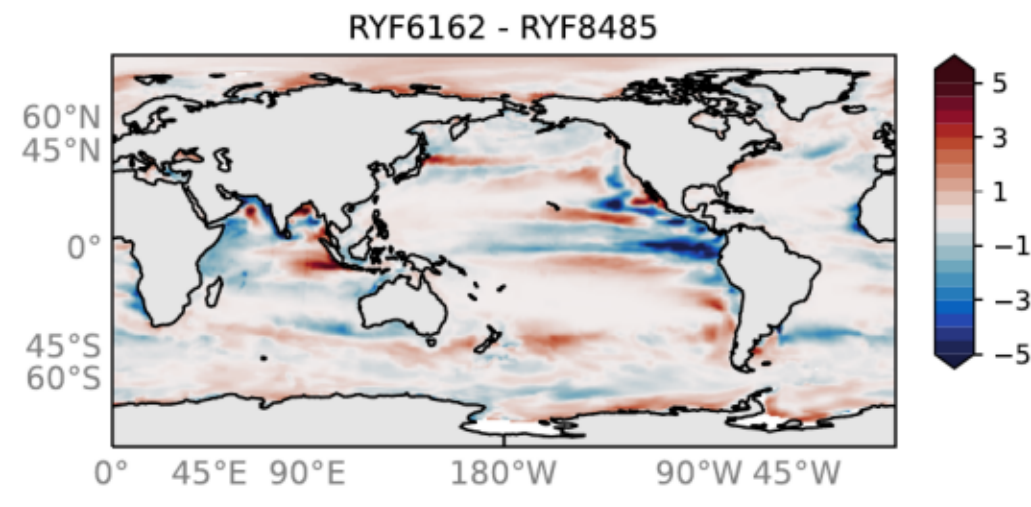
RYF8485 mean over years: 1770-1773
Observations: Seiter Opal (wt-%)



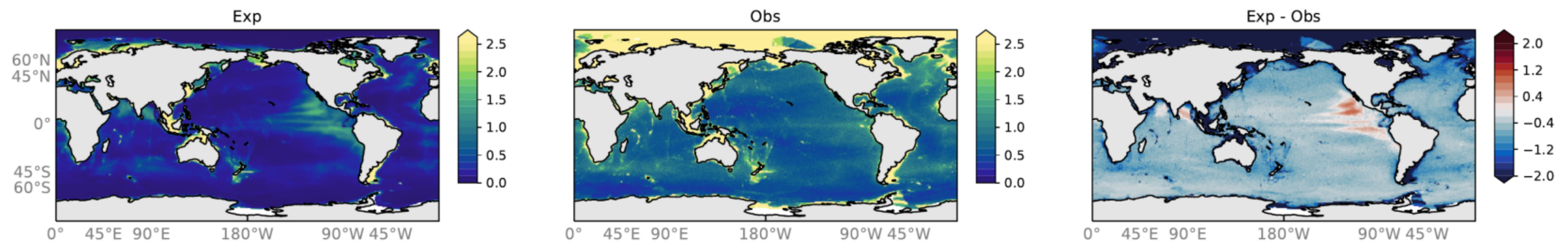
RYP6162 mean over years: 1770-1773
Observations: Seiter Opal(wt-%)

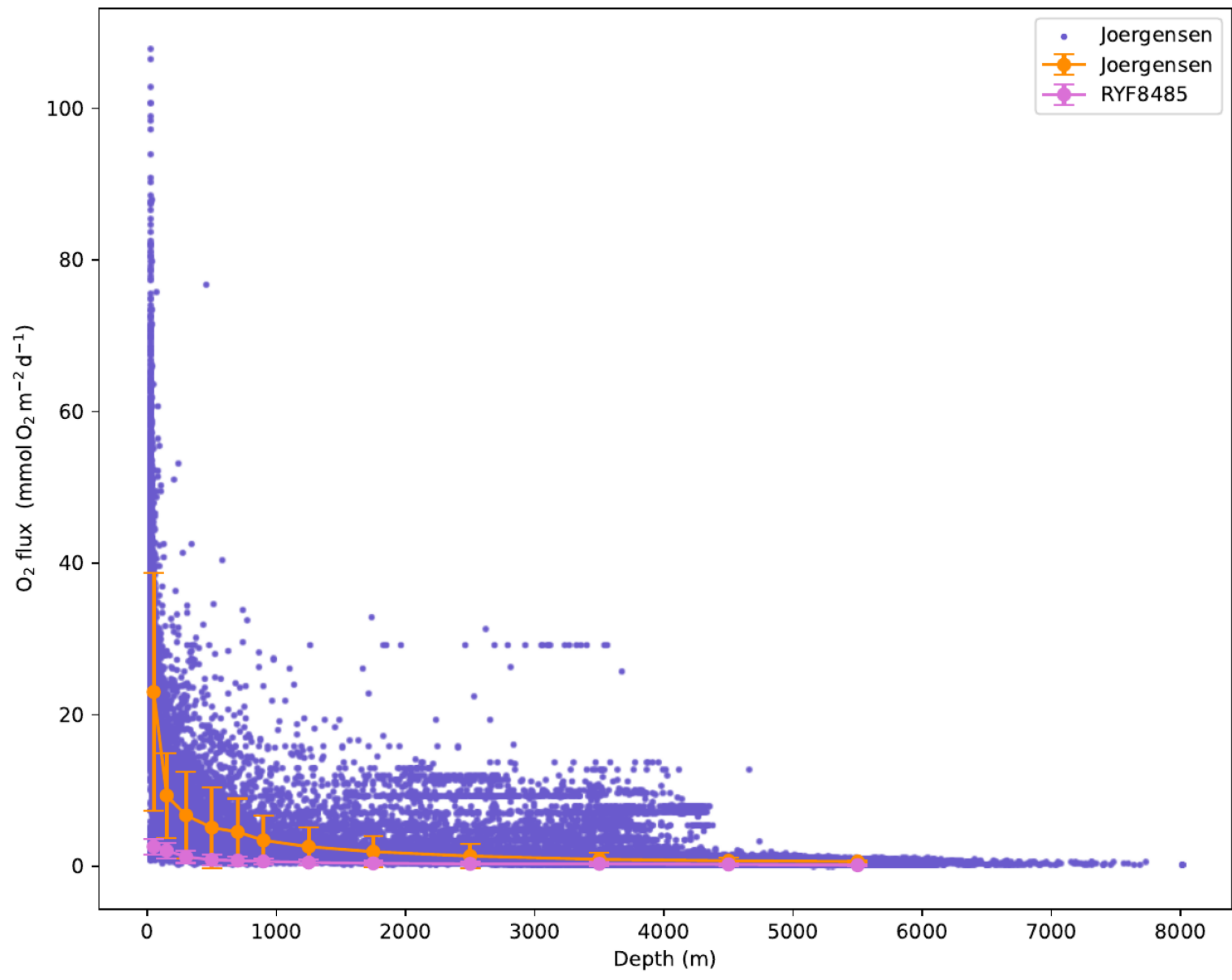


RYP6162 - RYP8485
Opal (wt-%)

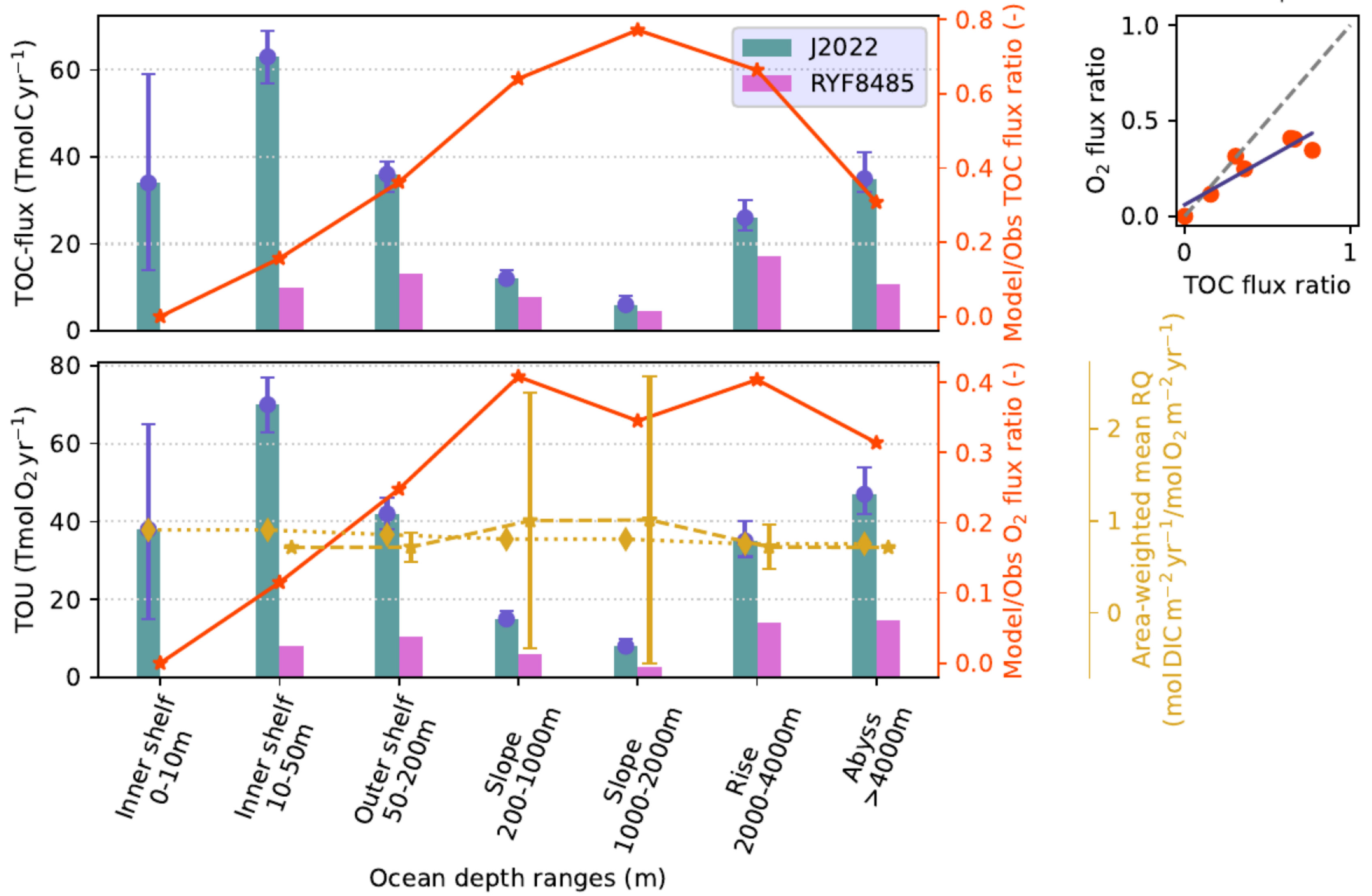


RYP8485 mean over years: 1770-1773
Observations: Joergensen positive downward O₂-flux (mmol O₂ m⁻² d⁻¹)

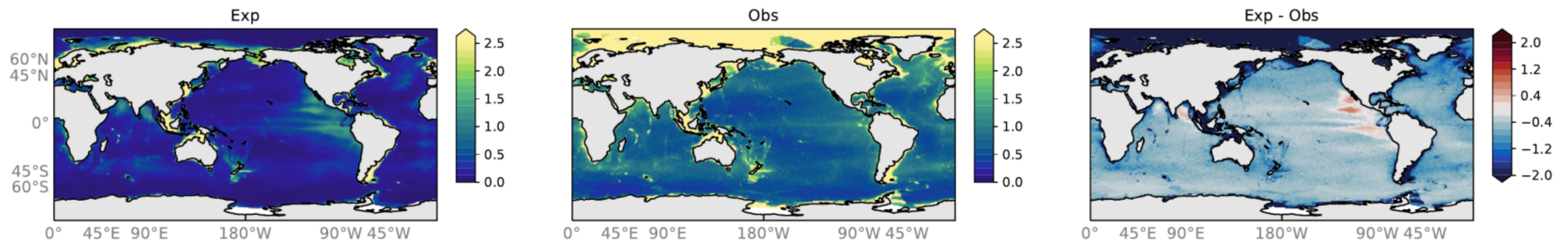




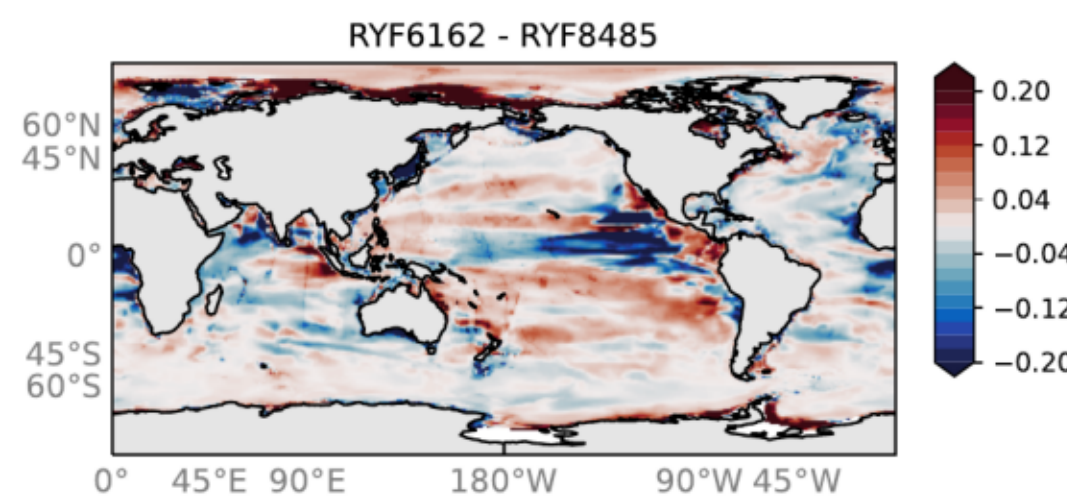
RYP8485 comparison to Jørgensen et al. 2022
TOC-flux (mod|obs): 63.2 | 212 (175-260) Tmol Cyr⁻¹
O₂-flux (mod|obs): 56.2 | 255 (218-299) Tmol O₂ yr⁻¹

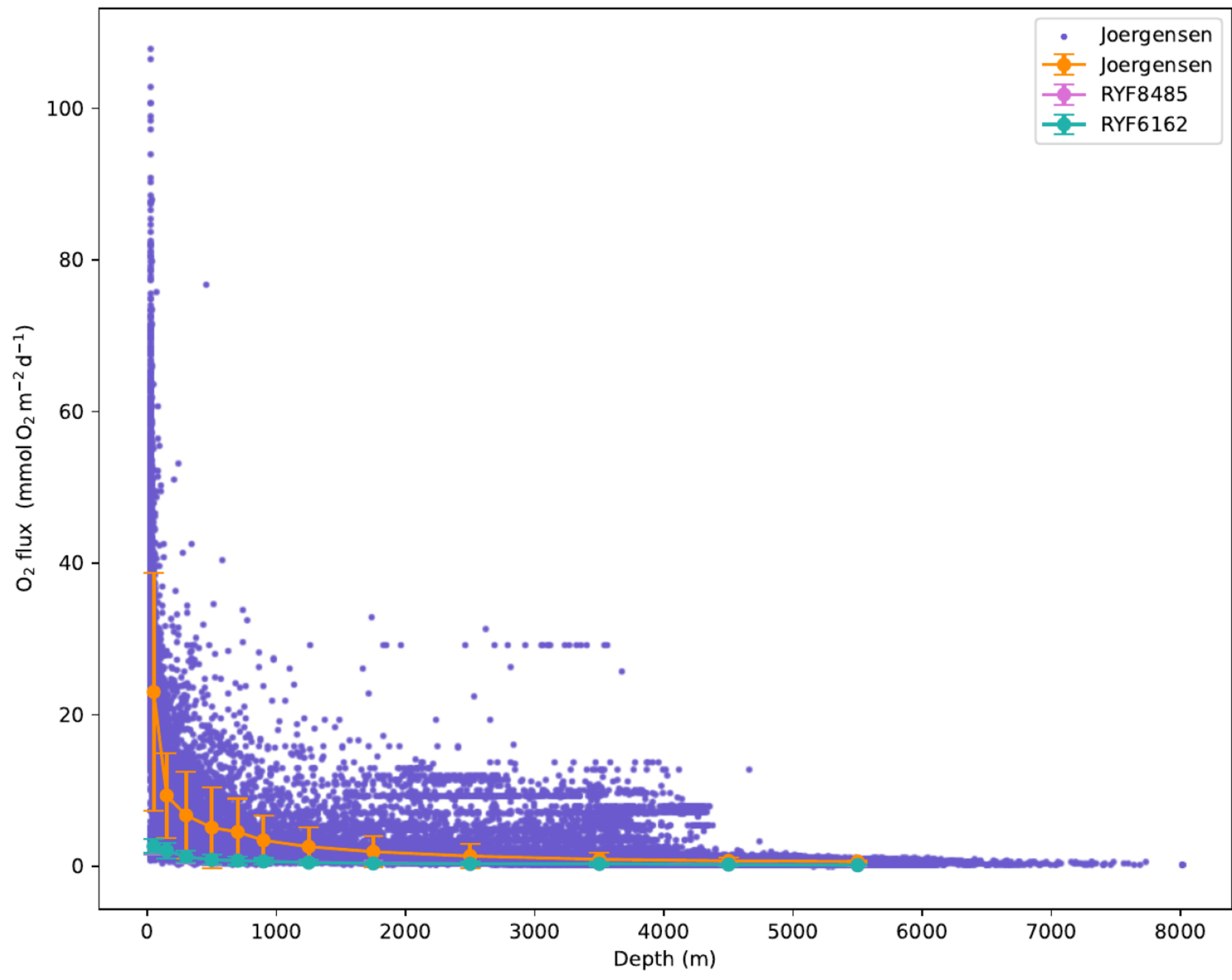


RYP6162 mean over years: 1770-1770
 Observations: Joergensen positive downward O₂-flux (mmol O₂ m⁻² d⁻¹)

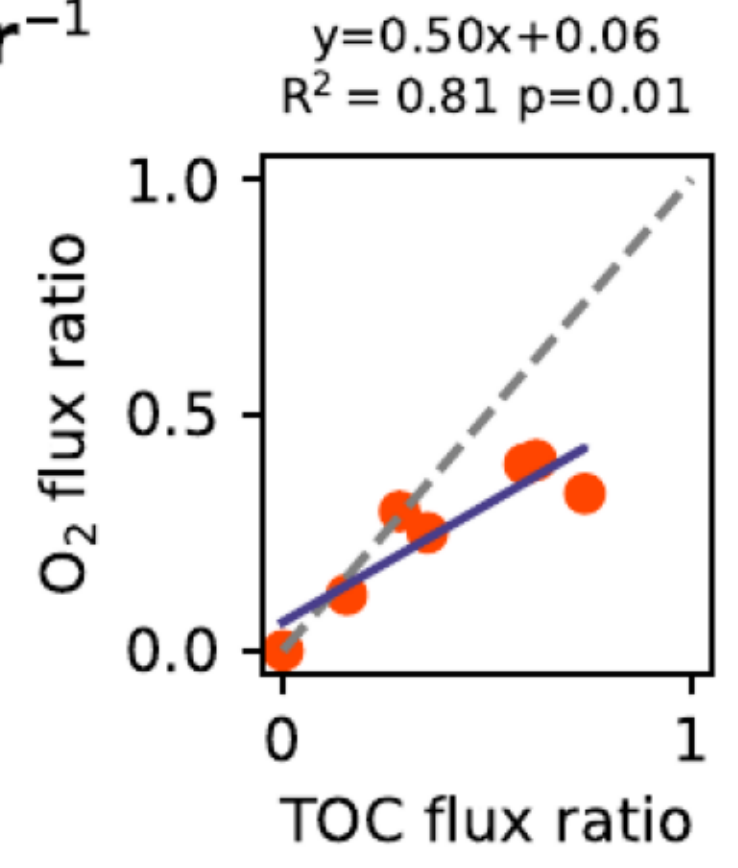
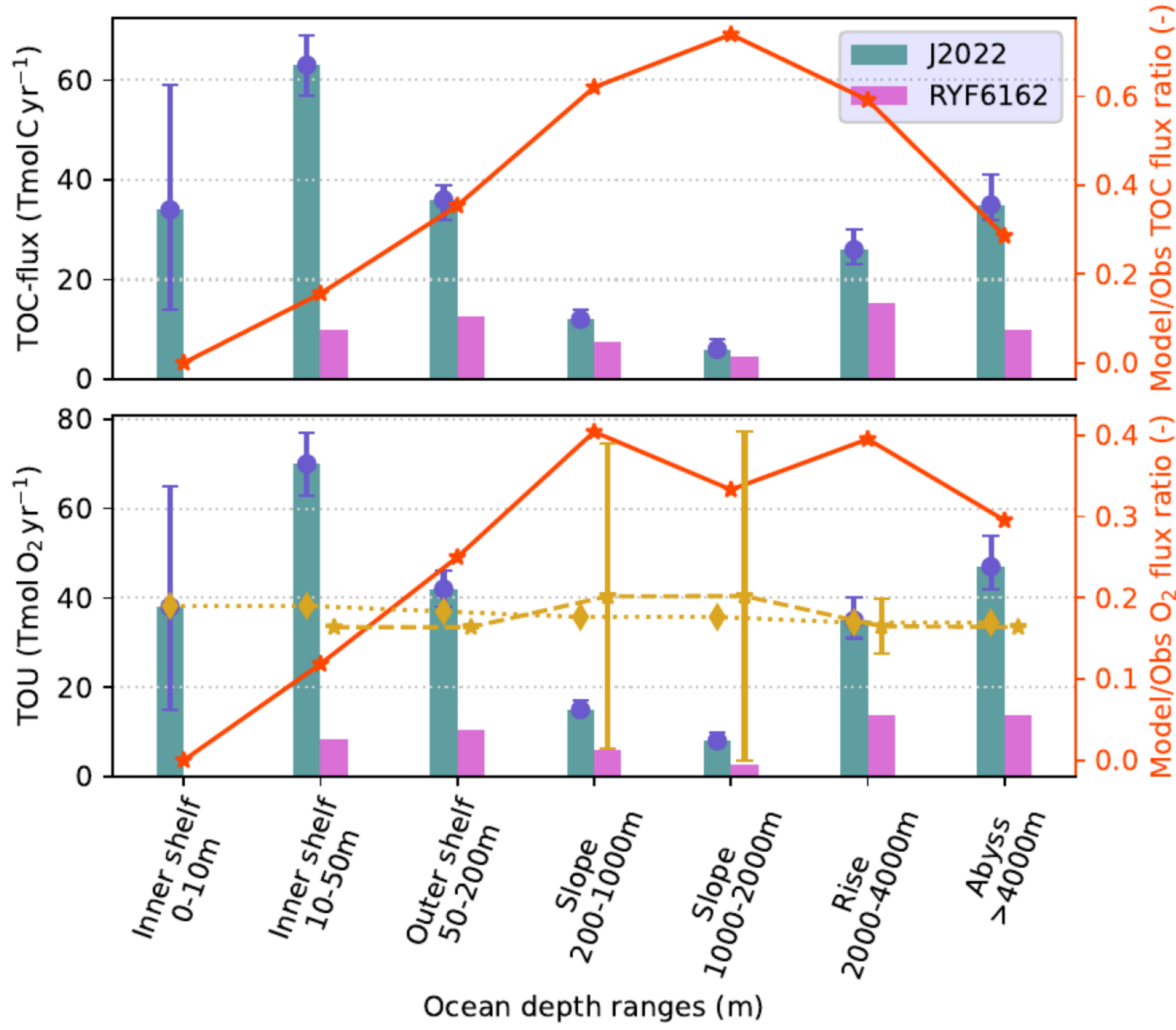


RYP6162 - RYP8485
 Observations: Joergensen positive downward O₂-flux (mmol O₂ m⁻² d⁻¹)





RYP6162 comparison to Jørgensen et al. 2022
TOC-flux (mod|obs): 59.8 | 212 (175-260) TmolCyr⁻¹
O₂-flux (mod|obs): 55.3 | 255 (218-299) TmolO₂yr⁻¹



Area-weighted mean RQ
 (molDIC m⁻² yr⁻¹/molO₂ m⁻² yr⁻¹)