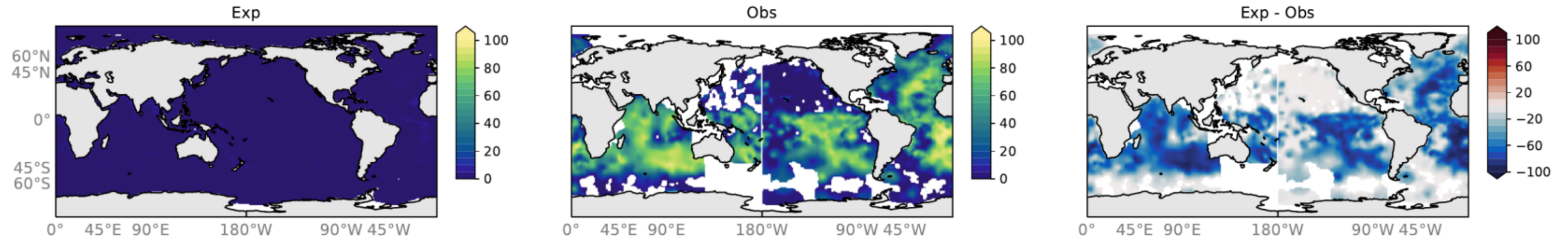
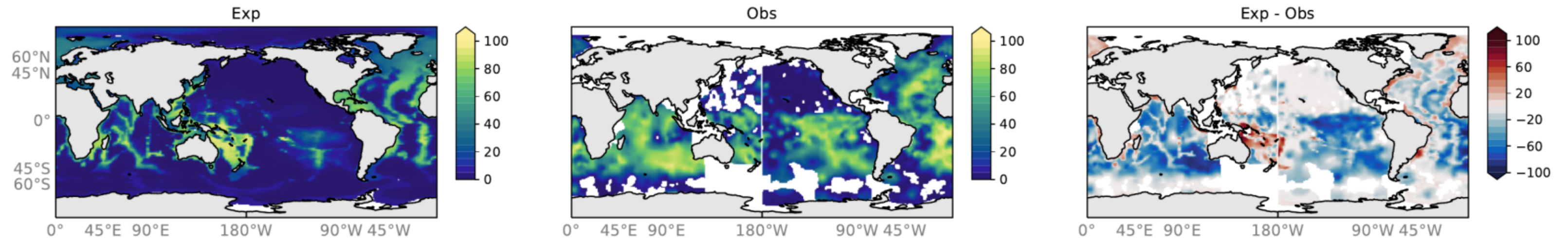


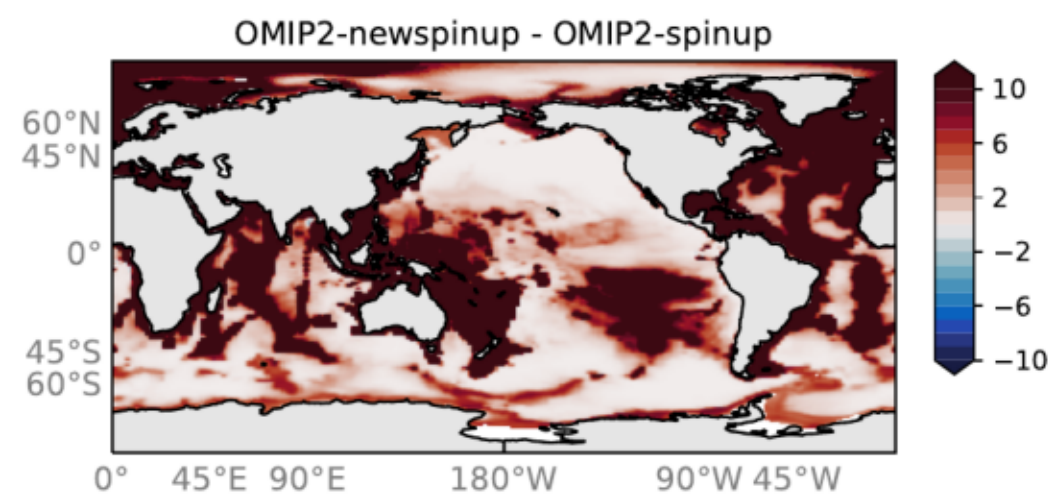
OMIP2-spinup mean over years: 1680-1681
Observations: Seiter CaCO₃ (wt-%)



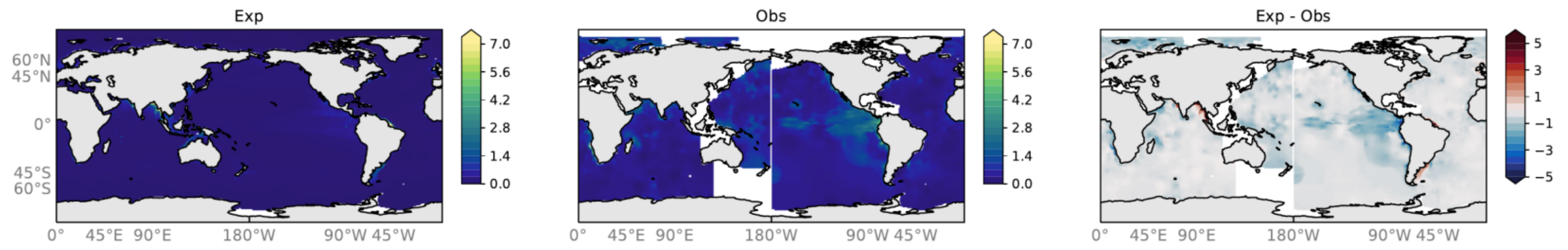
OMIP2-newspinup mean over years: 1680-1681
Observations: Seiter CaCO₃(wt-%)



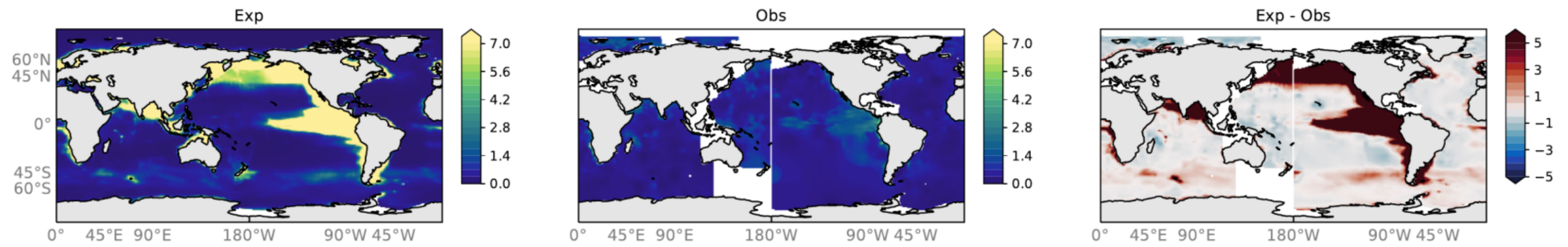
OMIP2-newspinup - OMIP2-spinup
CaCO₃ (wt-%)



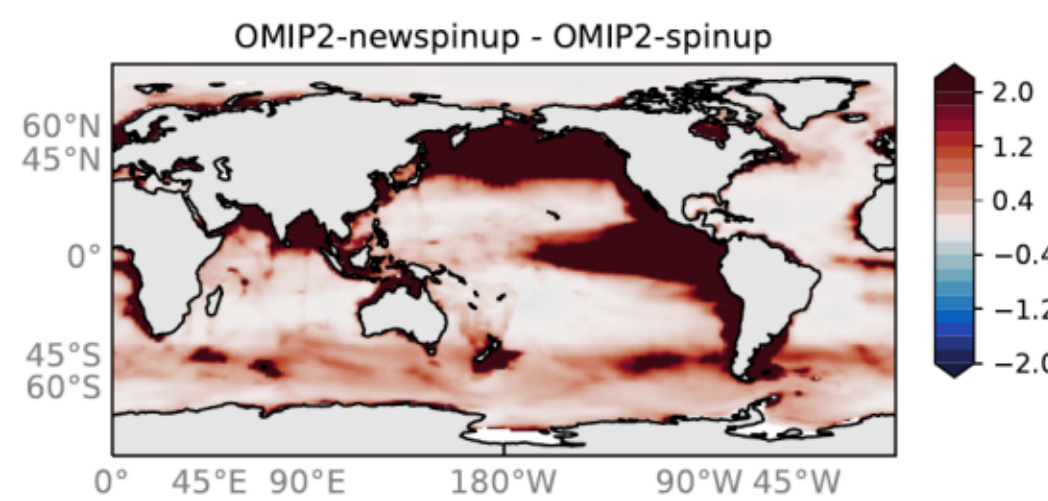
OMIP2-spinup mean over years: 1680-1681
Observations: Seiter TOC (wt-%)



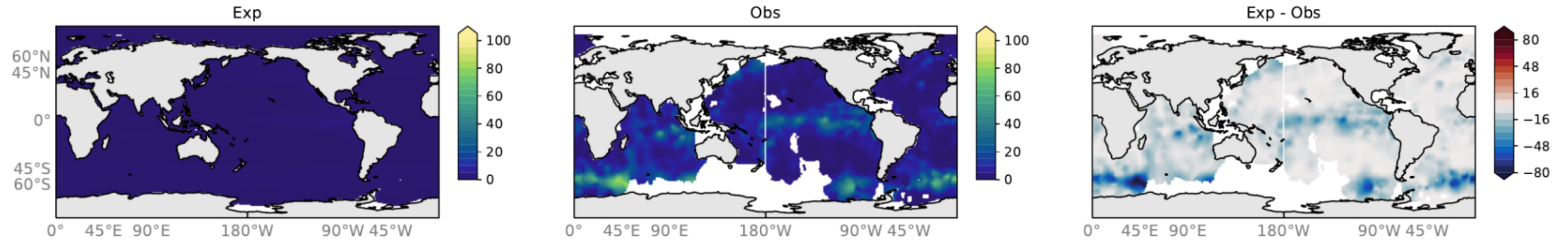
OMIP2-newspinup mean over years: 1680-1681
Observations: Seiter TOC(wt-%)



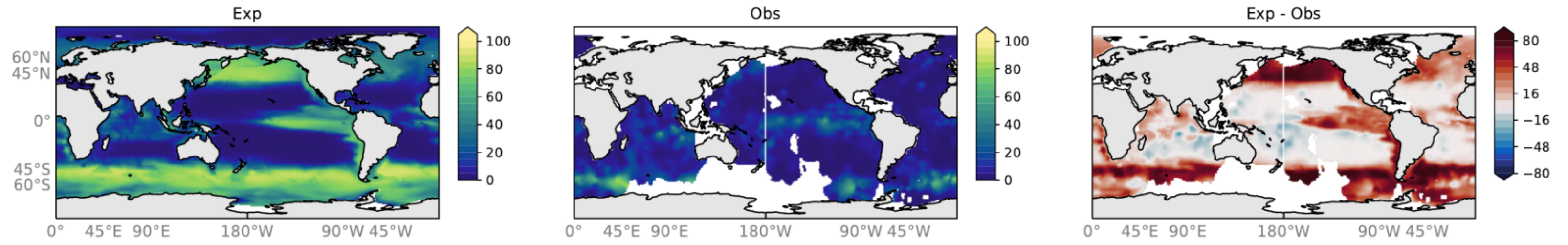
OMIP2-newspinup - OMIP2-spinup
TOC (wt-%)



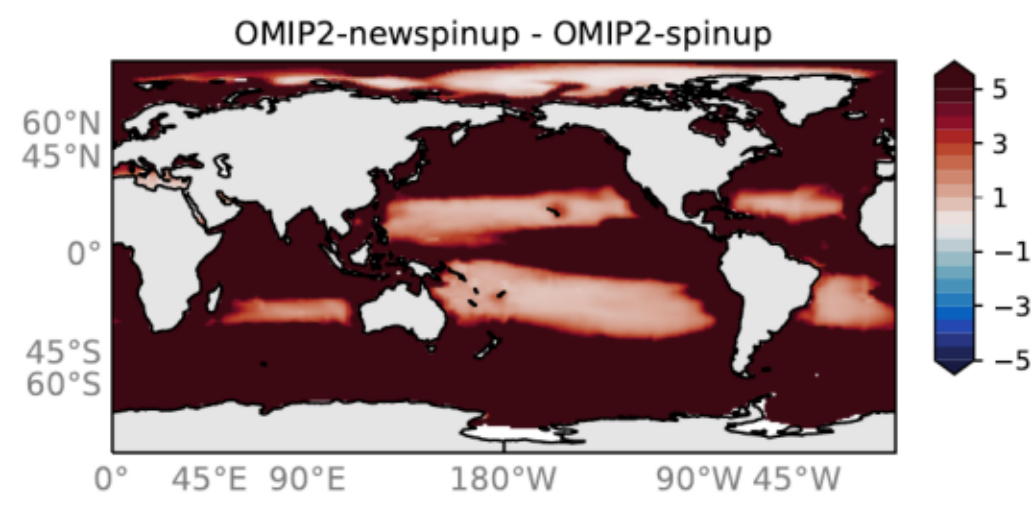
OMIP2-spinup mean over years: 1680-1681
Observations: Seiter Opal (wt-%)



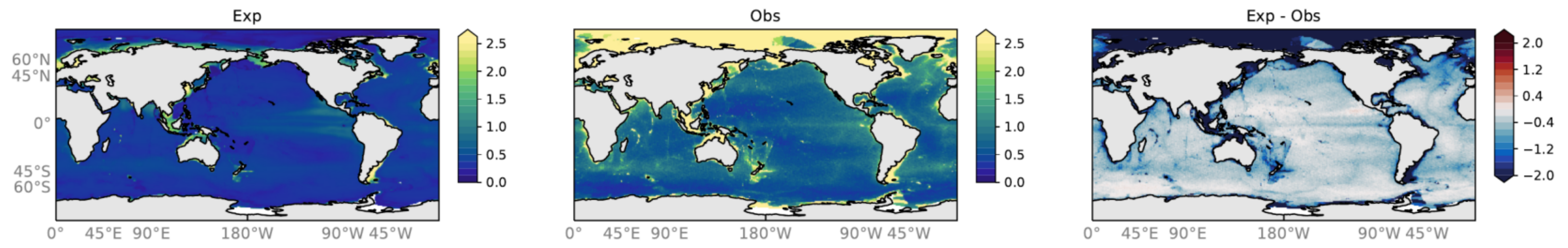
OMIP2-newspinup mean over years: 1680-1681
Observations: Seiter Opal(wt-%)

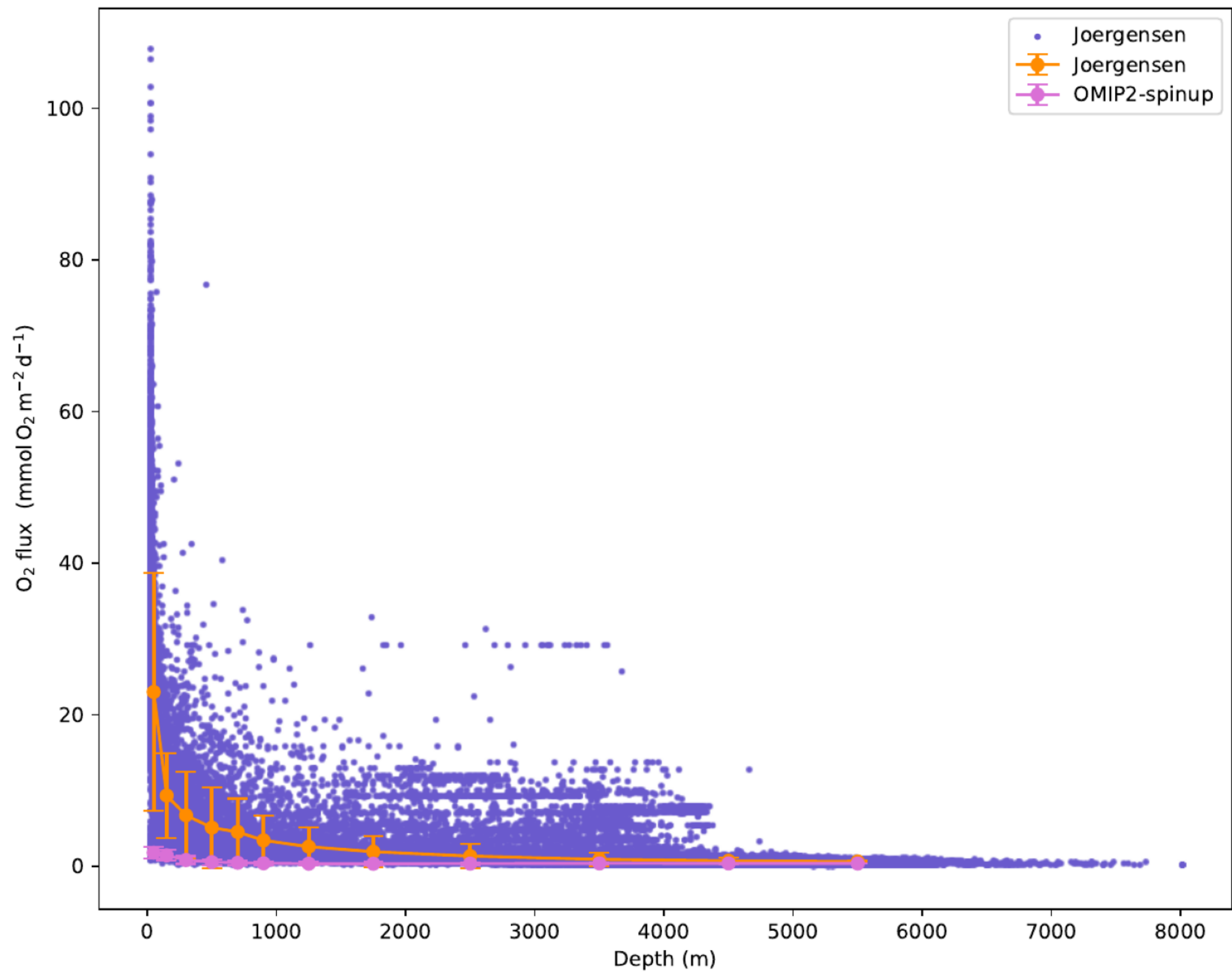


OMIP2-newspinup - OMIP2-spinup
Opal (wt-%)

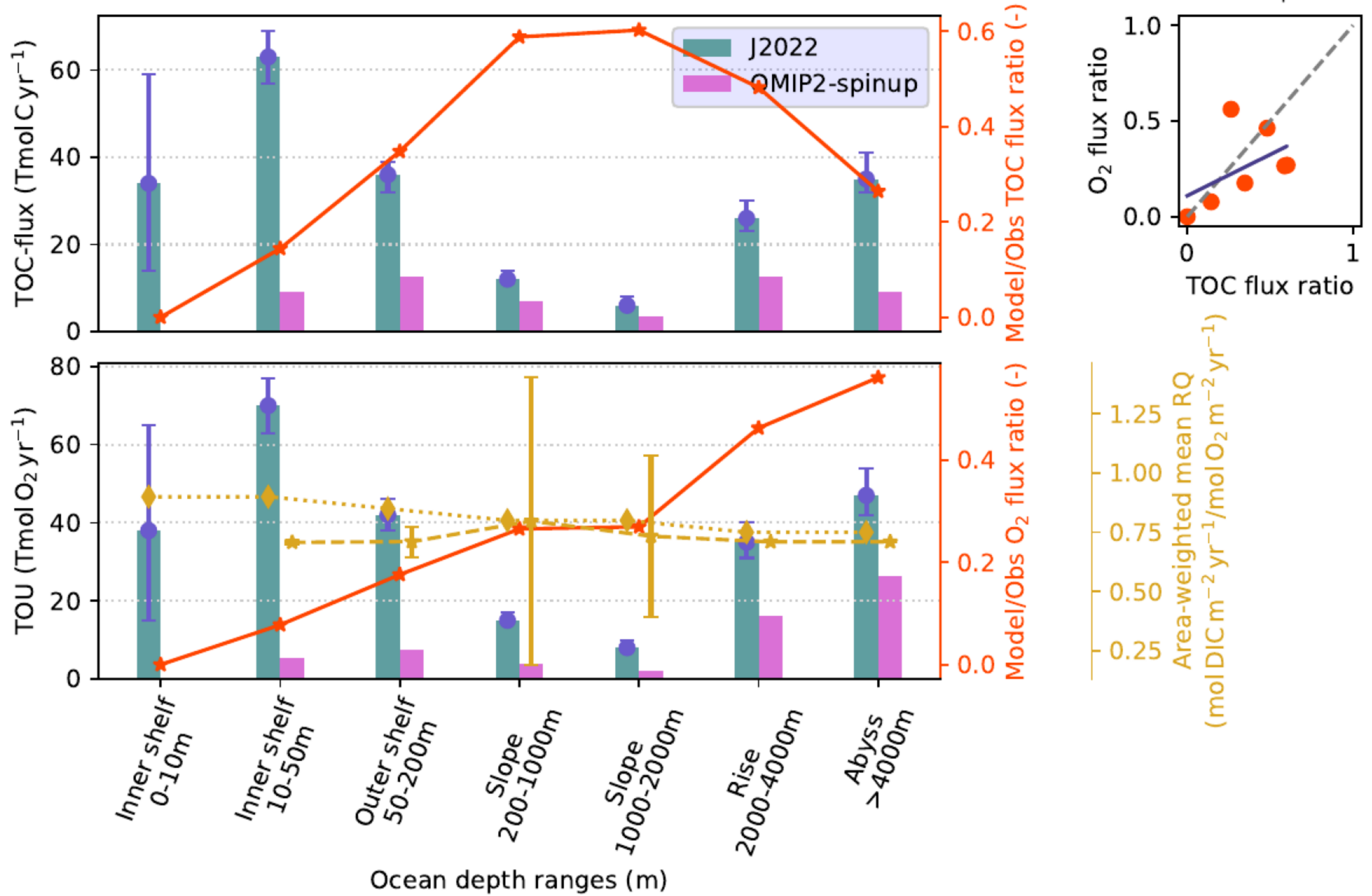


OMIP2-spinup mean over years: 1680-1681
Observations: Joergensen positive downward O₂-flux (mmol O₂ m⁻² d⁻¹)

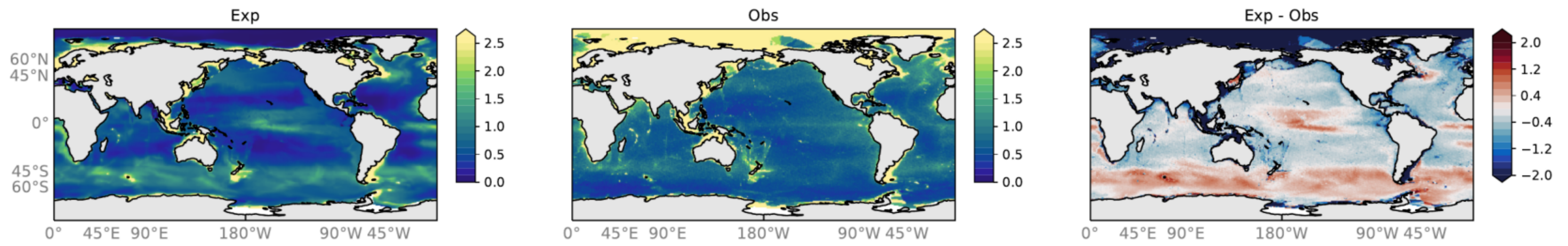




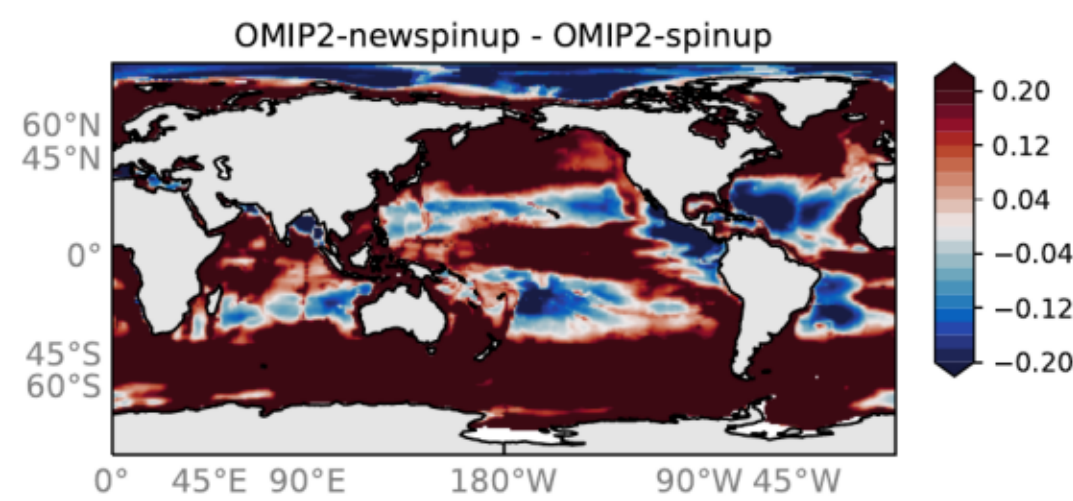
OMIP2-spinup comparison to Jørgensen et al. 2022
TOC-flux (mod|obs): 54.0 | 212 (175-260) Tmol Cyr⁻¹
O₂-flux (mod|obs): 61.6 | 255 (218-299) Tmol O₂ yr⁻¹

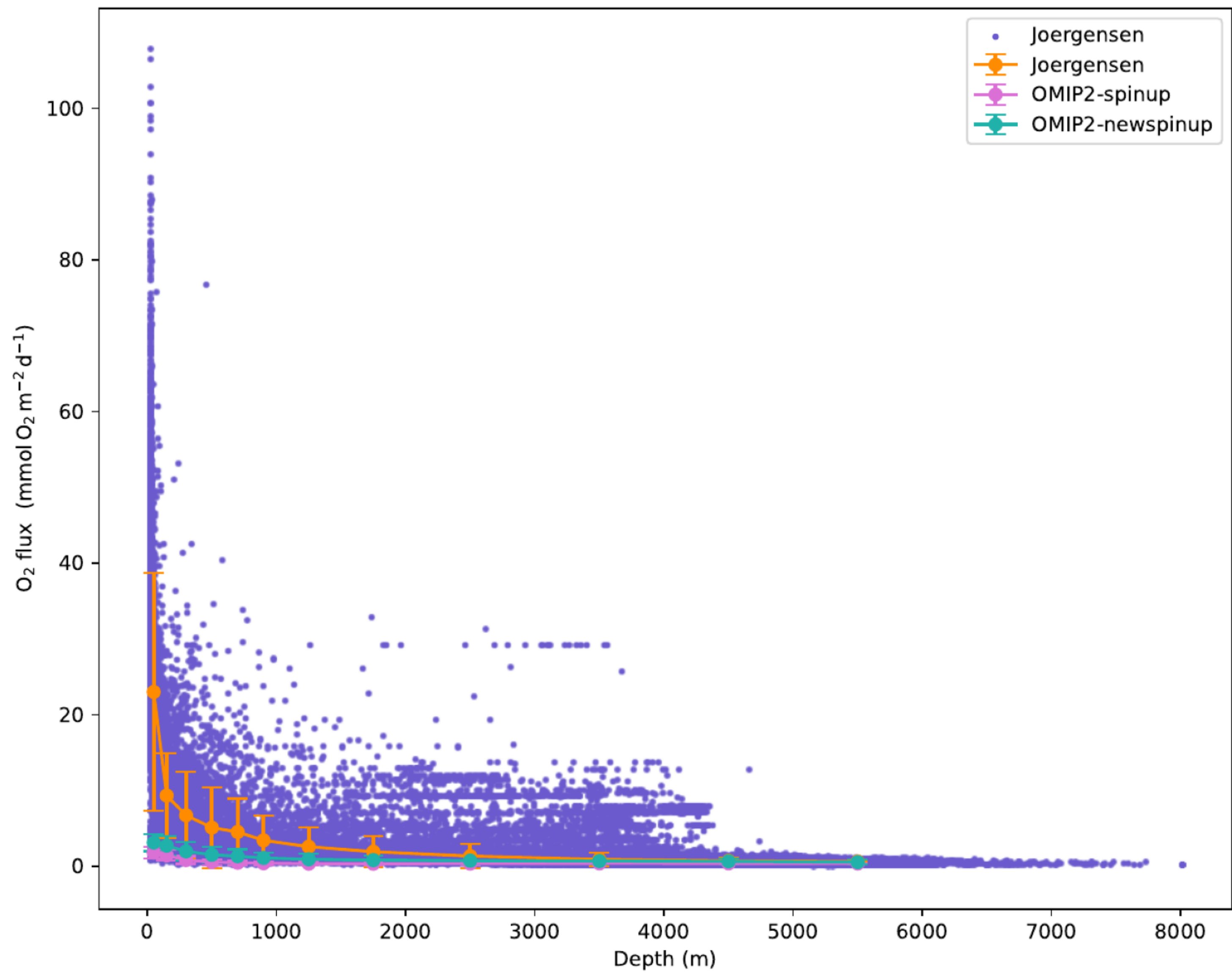


OMIP2-newspinup mean over years: 1680-1680
 Observations: Joergensen positive downward O₂-flux (mmol O₂ m⁻² d⁻¹)



OMIP2-newspinup - OMIP2-spinup
 Observations: Joergensen positive downward O₂-flux (mmol O₂ m⁻² d⁻¹)





OMIP2-newspinup comparison to Jørgensen et al. 2022

TOC-flux (mod|obs): 56.4 | 212 (175-260) Tmol Cyr⁻¹

O₂-flux (mod|obs): 109.7 | 255 (218-299) Tmol O₂ yr⁻¹

