

Obs.

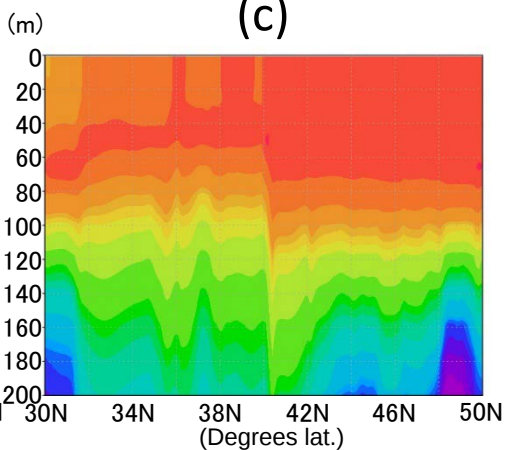
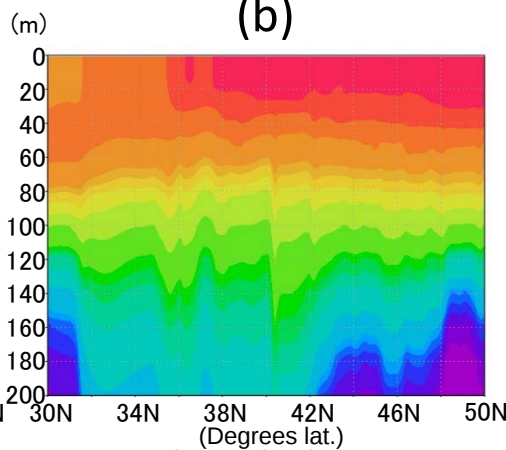
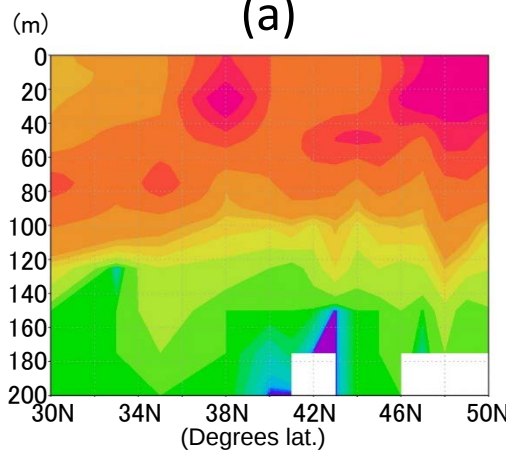
Sim. (CTRL)

Sim. (OPT)

(a)

(b)

(c)



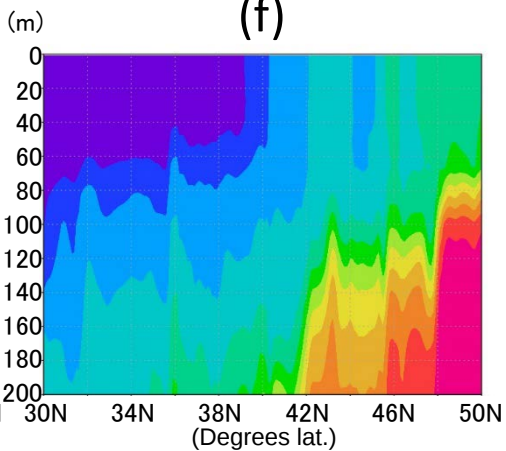
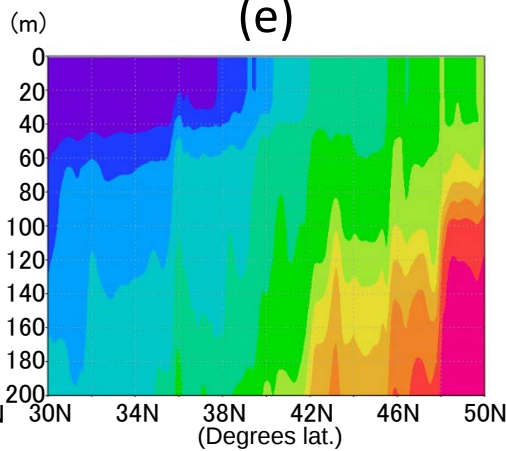
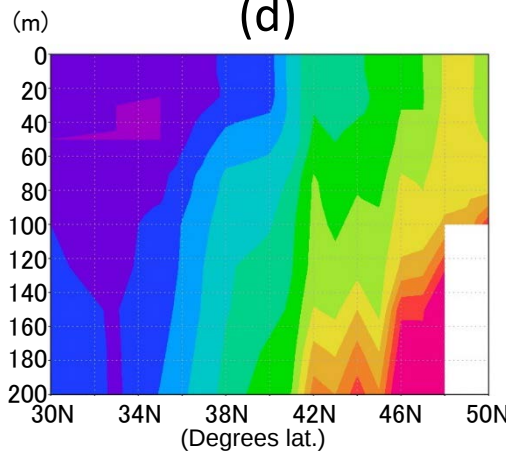
Phytoplankton



(d)

(e)

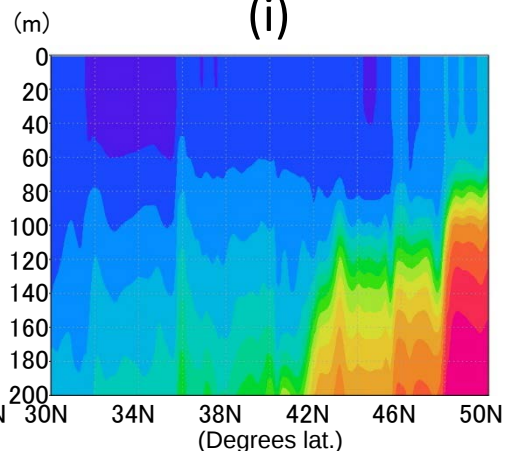
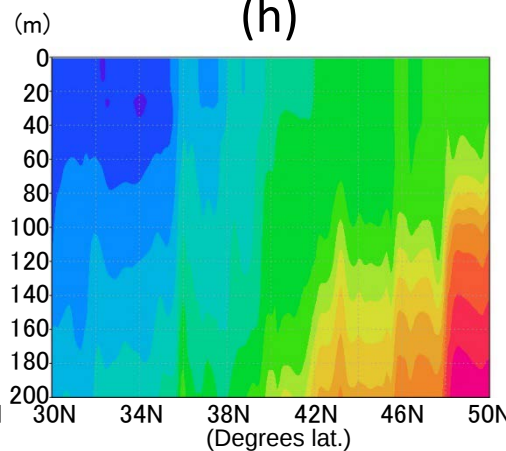
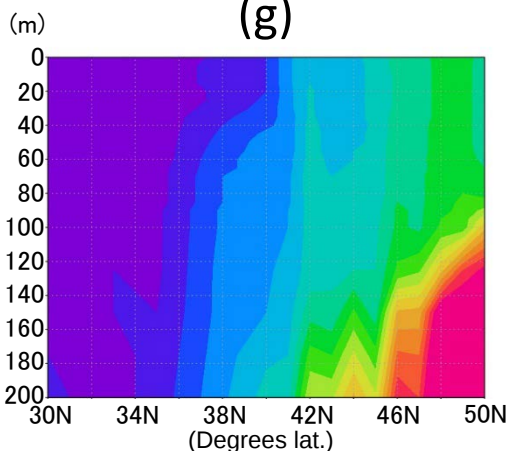
(f)

 $\text{NO}_3^-$ 

(g)

(h)

(i)

 $\text{Si(OH)}_4$ 