

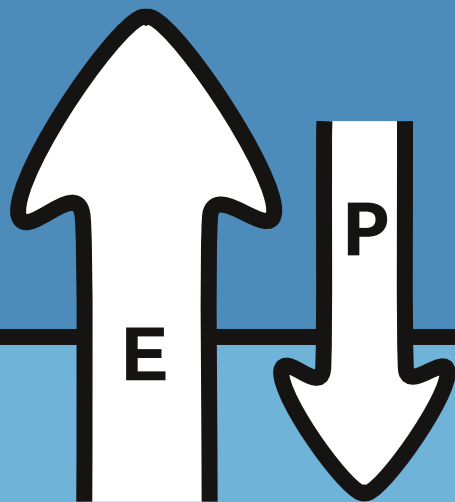
**(a) cold sector**

low  $\delta^2\text{H}$ ,  $\delta^{18}\text{O}$

high  $d$

$h_s \ll 1.0$

$\Delta T_{\text{ao}} < -1^\circ\text{C}$



Free  
tropo-  
sphere

Marine  
boundary  
layer

Ocean

**(b) warm sector**

high  $\delta^2\text{H}$ ,  $\delta^{18}\text{O}$

low  $d$

$h_s \geq 1.0$

$\Delta T_{\text{ao}} > +1^\circ\text{C}$

