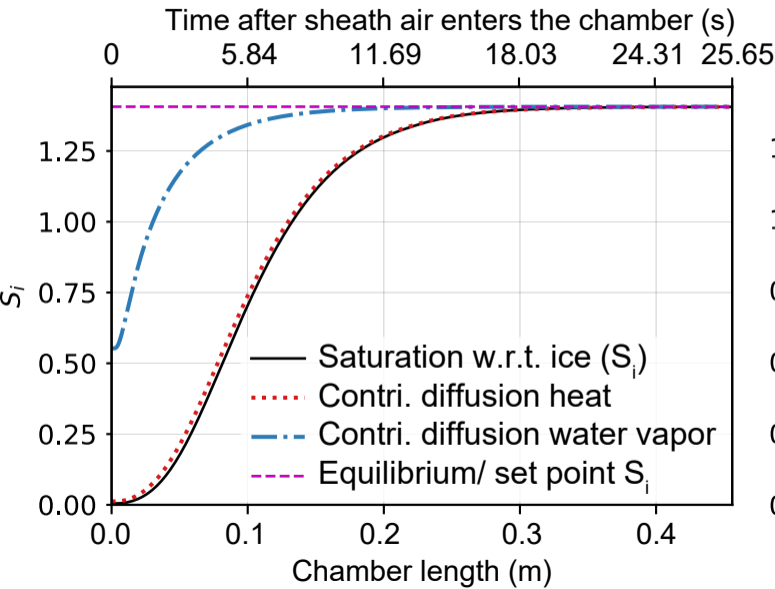


(a) $T_{\text{sheath air}} = 298 \text{ K}$, $T = 243 \text{ K}$



(b) $T_{\text{sheath air}} = 248 \text{ K}$, $T = 243 \text{ K}$

