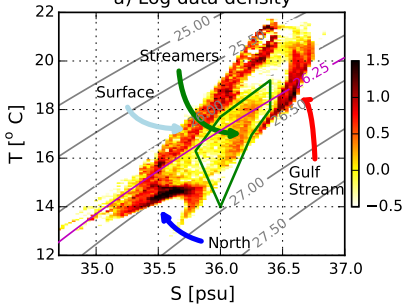


a) Log data density



b) Properties on $\sigma_{\theta} = 26.25 \text{ kg m}^{-3}$

