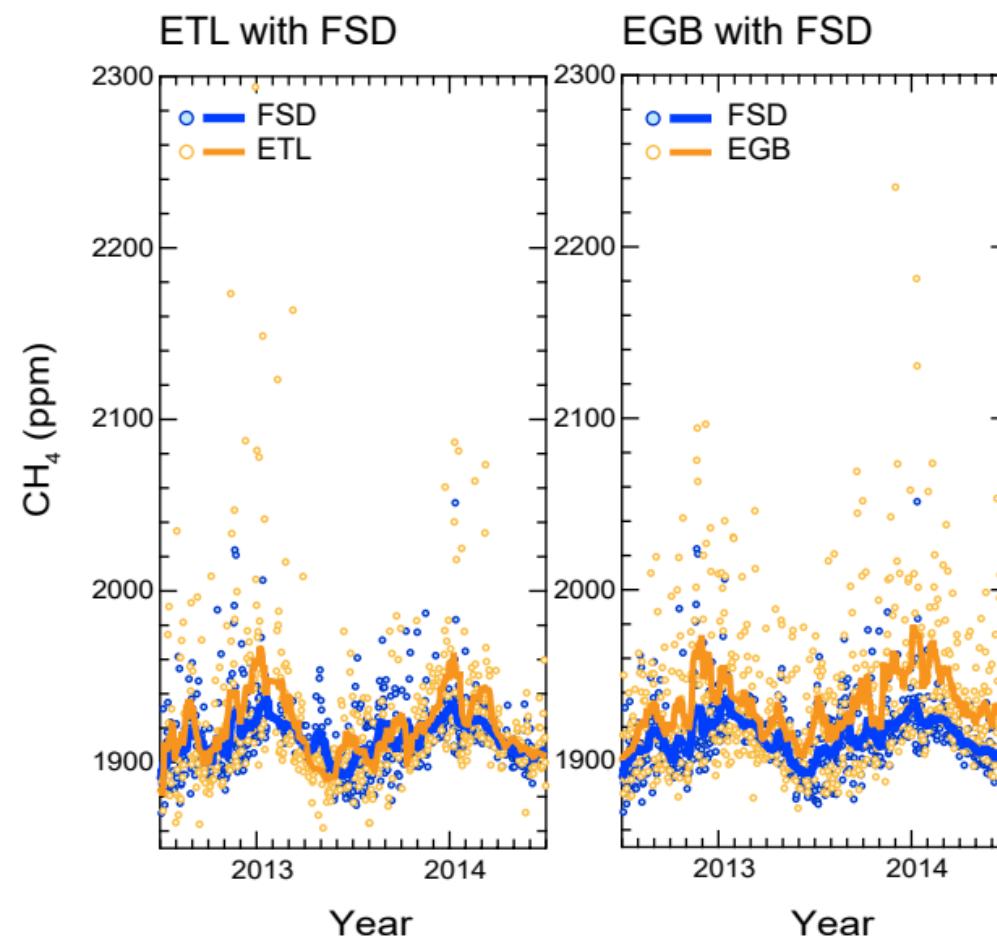


(a)  $\text{CH}_4$  observations



(b) Gradient of  $\text{CH}_4$  mixing ratios

