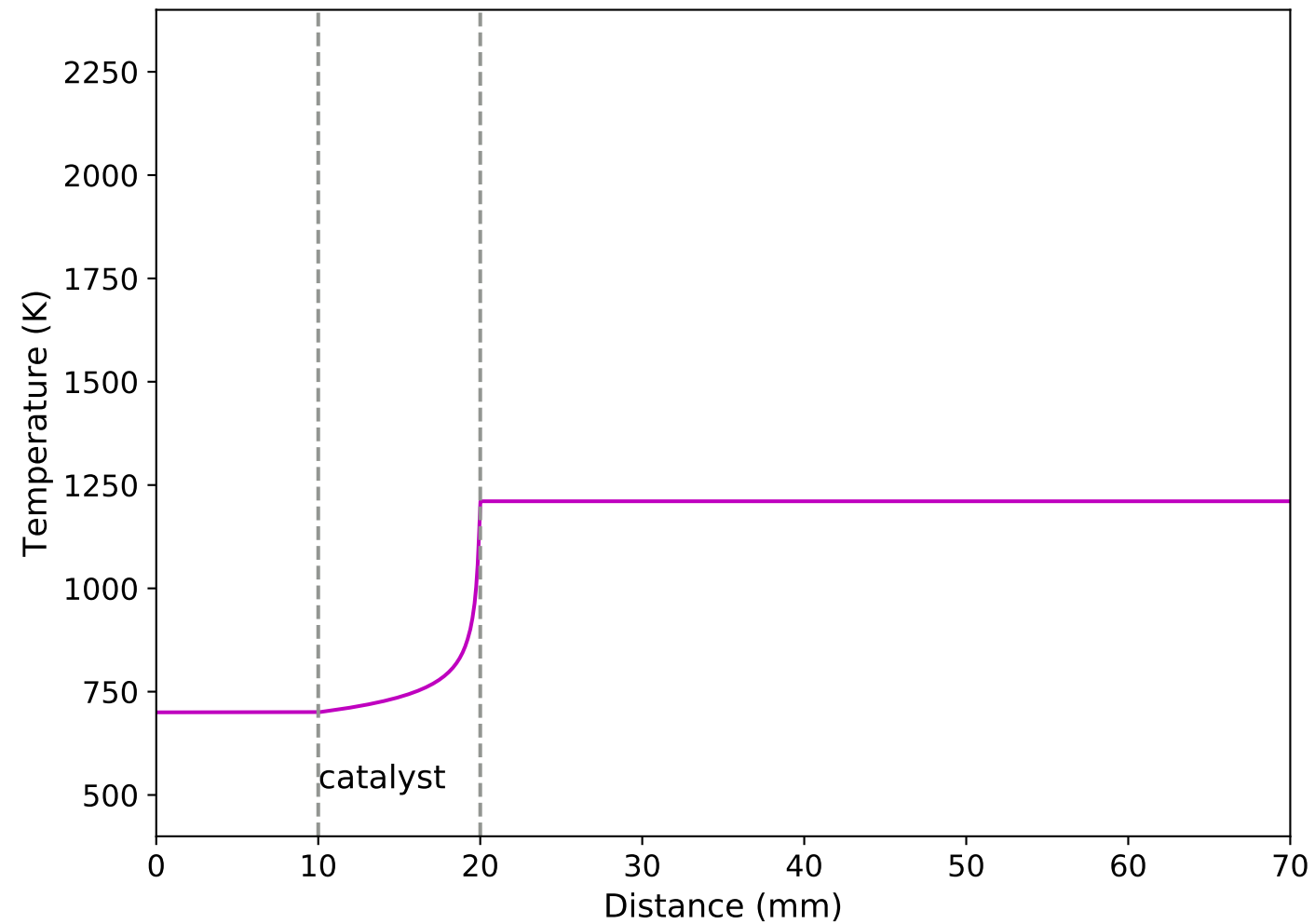


— $\text{CH}_4(2)$ — $\text{O}_2(3)$ — $\text{H}_2\text{O}(5)$



— surface + gas reactions