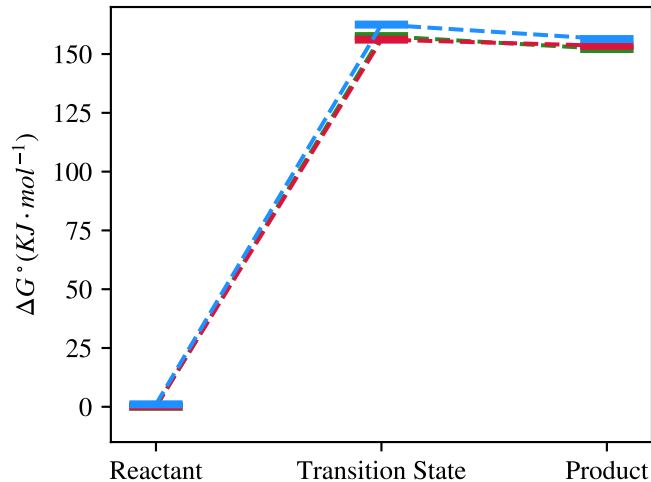


Unperturbed + R/S - gas ($\epsilon = 0.0$)Catalytic - gas ($\epsilon_r = 0.0$)