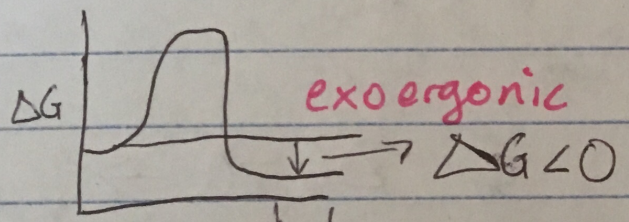
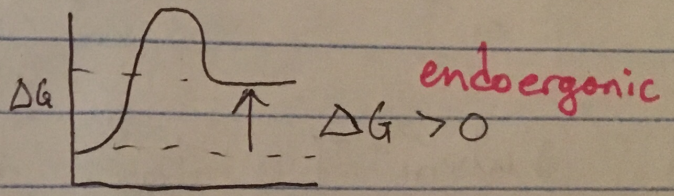
Fri Apr 12

$\Delta G^\circ < 0$: rxn proceeds → from STD CONDITIONS
$\Delta G^\circ > 0$: rxn proceeds ← from STD CONDITIONS
$\Delta G^\circ = 0$: rxn at equilibrium for std conditions ($K = 1$)



spontaneous
$\Delta G < 0$



non-spontaneous → reverse rxn is spontaneous
$\Delta G > 0$

$\Delta G = 0$ rxn at equilb., no spontaneous change

ΔG° is ΔG rxns @ std conditions

Std. Conditions: 1 atm, 25°C, 1 M