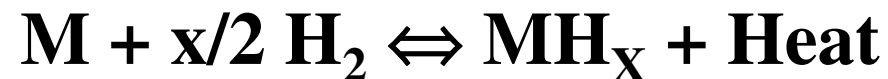
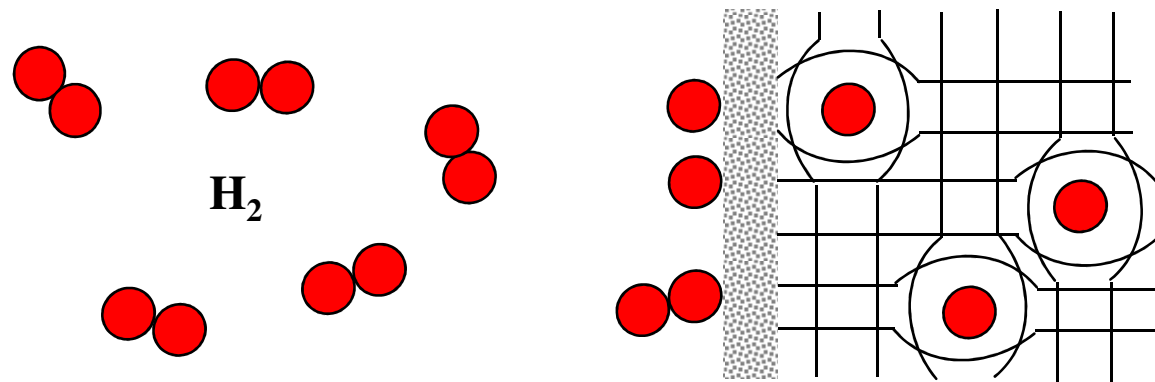




# How do metal hydrides work?

Hydrogen is absorbed into, and chemically bonded to a host metal alloy. Heat is generated in the process.

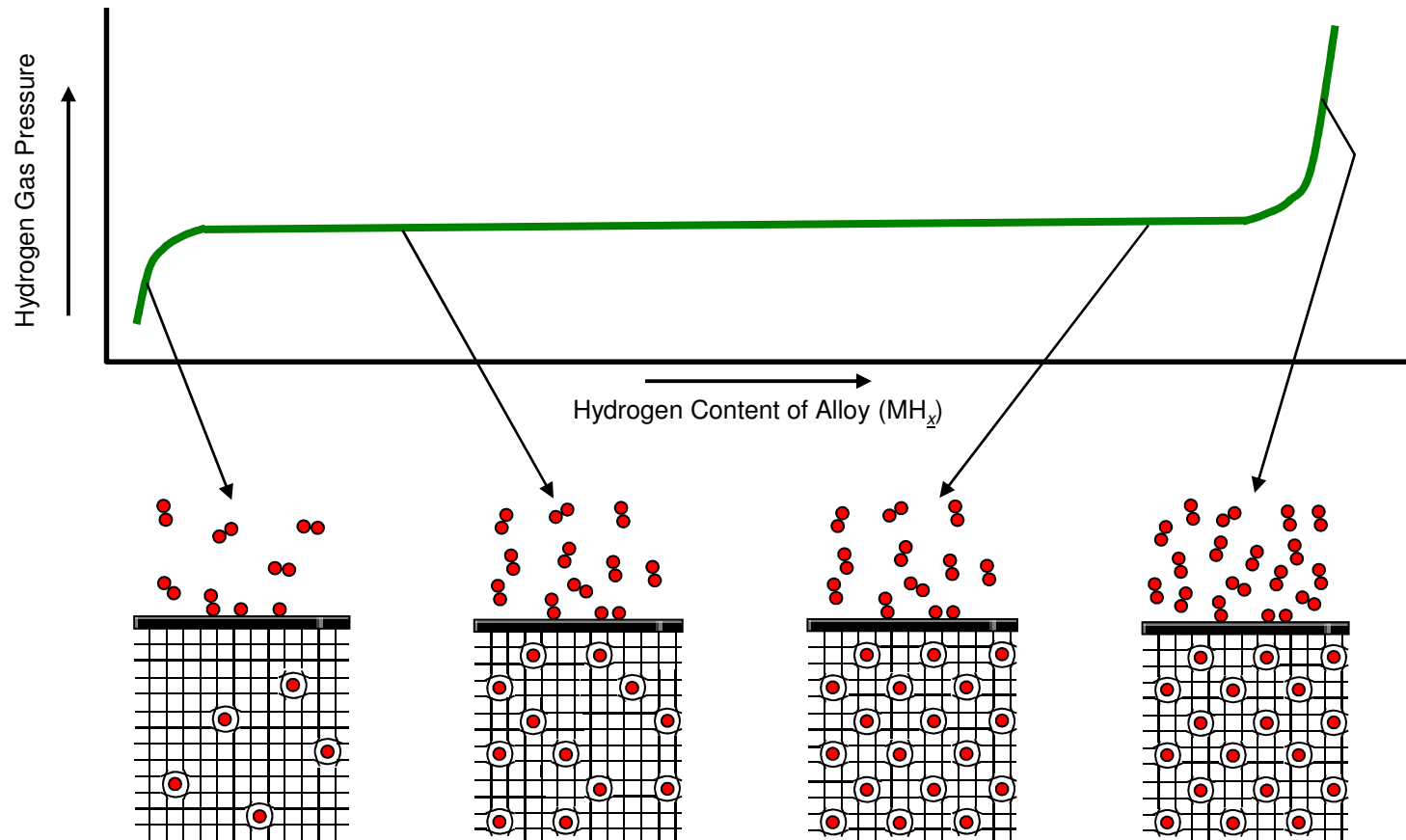


**Changes in heat or pressure can drive the reaction in either direction.**



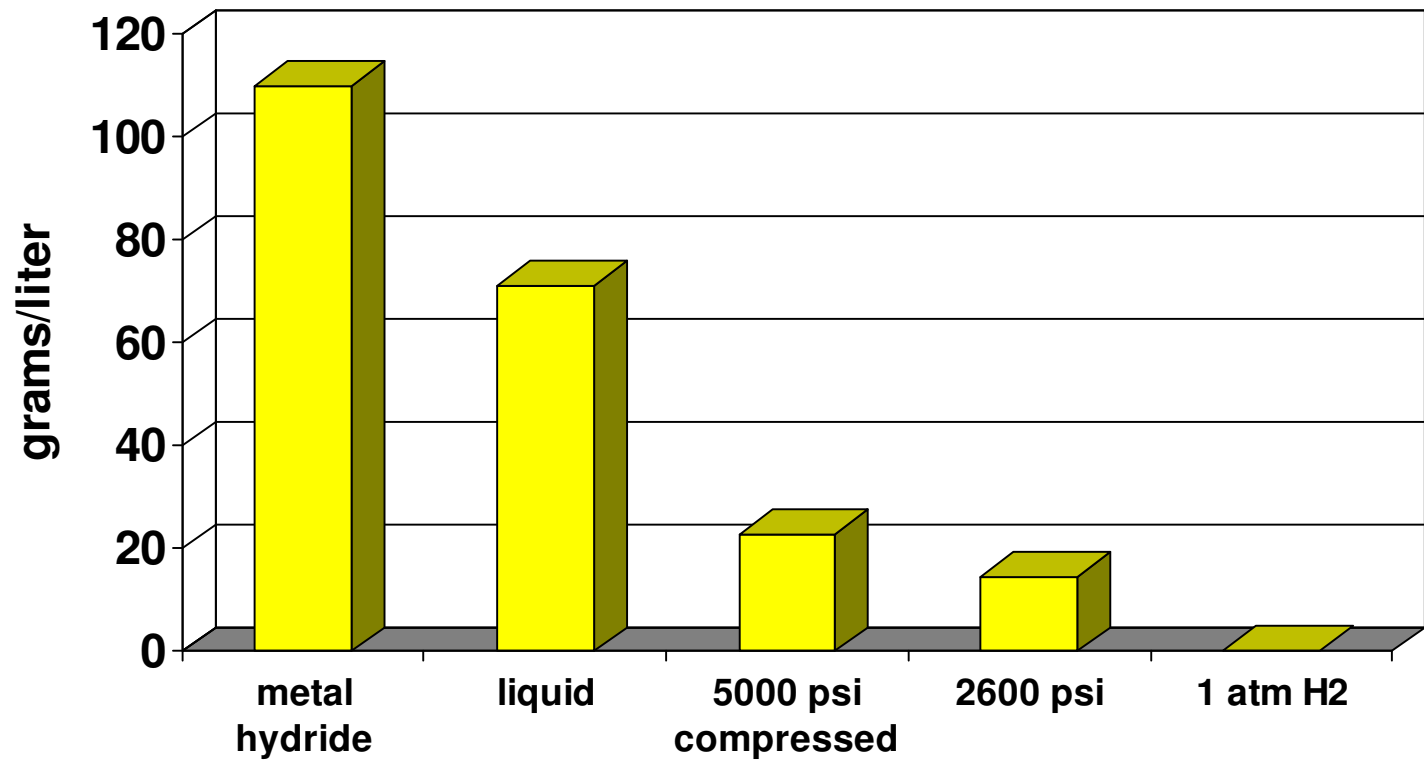
# Pressure-Composition Isothermal (PCT) Plots

Storage density vs. pressure at a given temperature





# Hydrogen storage density comparison





# Charging / Discharging

