Heat capacity (cal/mol*K) Entropy (cal/mol*K) statmech fitted Temperature (K) Temperature (K) -178100 -177960 Gibbs free energy (kcal/mol) -177980 -178200 -178000 -178020 -178300 -178040-178400 **-178060** --178080 -178500

Temperature (K)

Enthalpy (kcal/mol)

Temperature (K)