8.2 Heat capacity (cal/mol\*K) 8.0 Entropy (cal/mol\*K) 30 30 7.8 7.6 7.4 7.2 statmech 7.0 fitted Temperature (K) Temperature (K) 3122.5 3120.0 Gibbs free energy (kcal/mol) (kcal/mol) 3117.5 (halphol) 3115.0 (halphol) 3112.5 (halphol) 3110.0 3107.5 -3105.0 

Temperature (K)

Temperature (K)