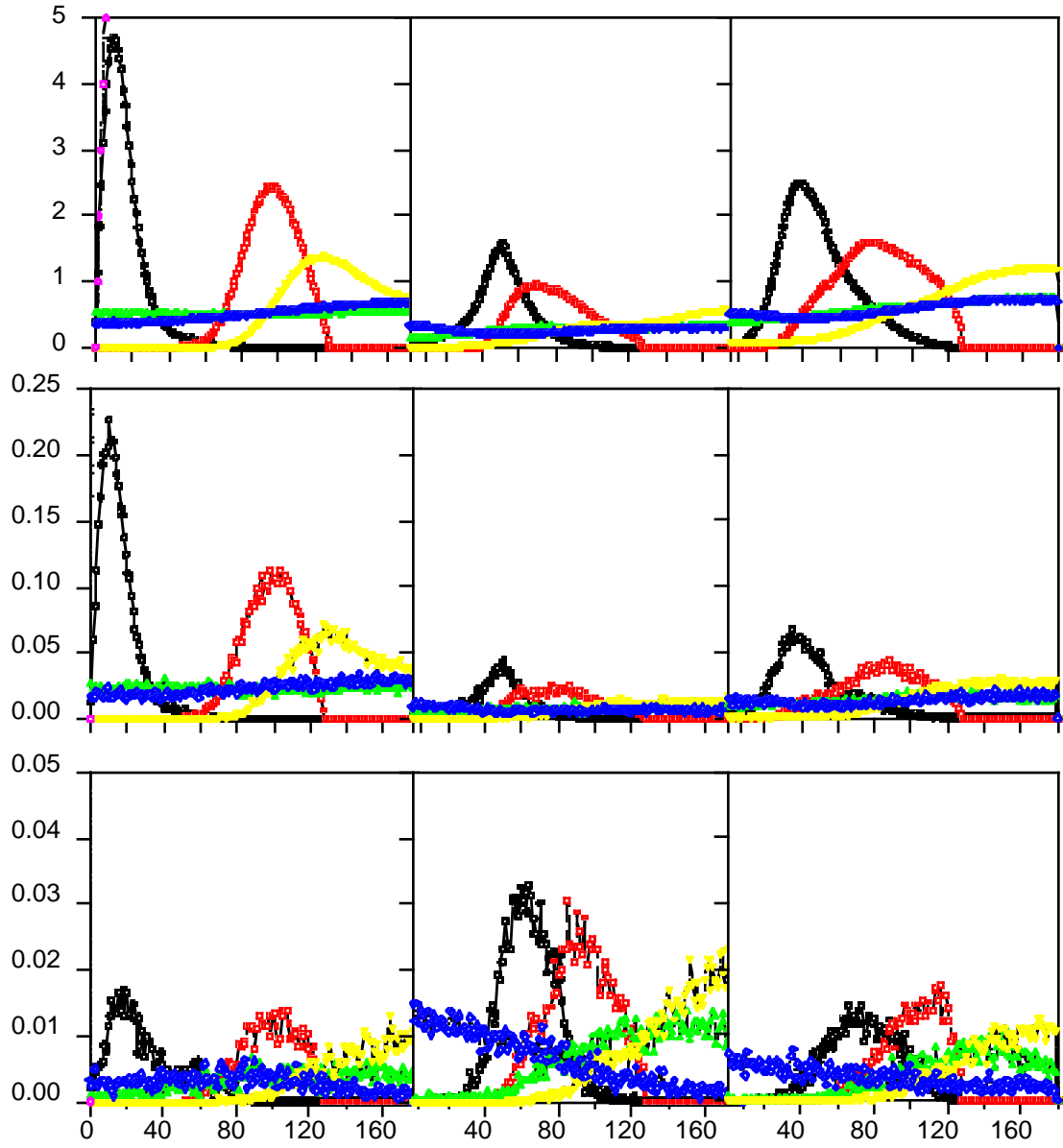


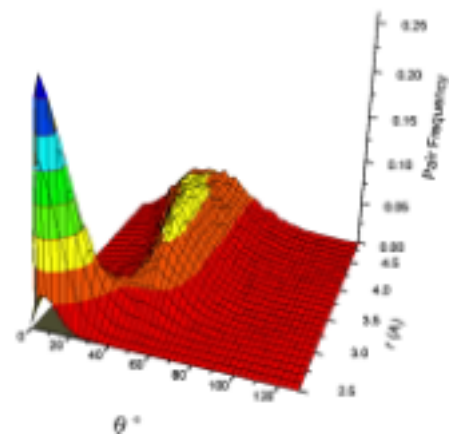
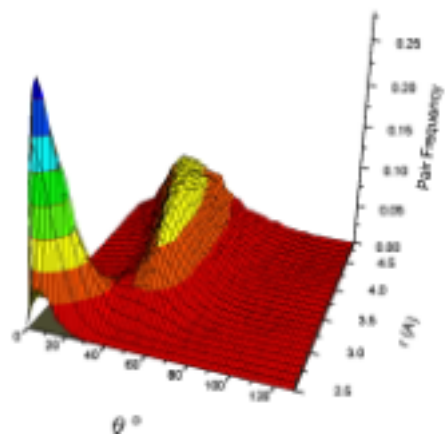
A new angle on heat capacity changes in hydrophobic solvation (Supporting Information)

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Plots of θ (●) and the secondary water-water orientation angles ψ (■), ϕ (▲), χ (▼), and ω (◆) at $r=2.8 \text{ \AA}$ (Left), 3.5 \AA (Center) and 4.4 \AA (Right) for pure water (Upper), 1st-1st shell of argon (Middle) and 1st-1st shell of K^+ (Lower)



$\rho(r, \theta)$ plots for 1st-2nd shell waters pairs around argon and K^+ .