solute distributions, $P_i(r_c)$, for the six windows are shown in Figure Smooth Gaussian distributions with widths inversely proportional to the harmonic force constants, k_i , would be obtained

Gas-Phase vs. Solution Energy Profiles. The unnormalized

if the true relative energy of the solution is exactly counterbalanced by the exponential term in the biasing potential (eq 9). This is roughly the case for windows 2-6, whose $P_i(r_c)$ are smooth distributions spanning increasing ranges of r_c . The distribution for the first window has two peaks, indicating that the variation in the pmf in this region is not perfectly compensated by the exponential biasing term. Nevertheless, the region from $r_c = 0$ to