

Correction

CHEMISTRY. For the article “Heterogeneity in a room-temperature ionic liquid: Persistent local environments and the red-edge effect,” by Zhonghan Hu and Claudio J. Margulis, which appeared in issue 4, January 24, 2006, of *Proc Natl Acad Sci USA* (103:831–836; first published January 17, 2006; 10.1073/pnas.0507364103), the authors note that in Fig. 2*B*, the y-axis label “ $\log(\alpha_2)$ ” should instead be “ α_2 .” The corrected figure and its legend appear below. This error does not affect the conclusions of the article.

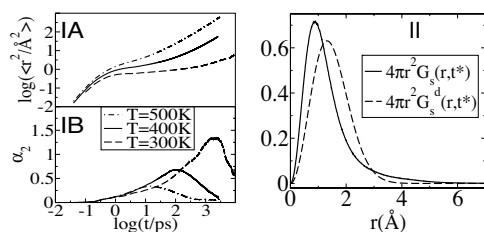


Fig. 2. MSD, the non-Gaussian parameter, and the self part of the van Hove correlation function. (*IA*) MSD vs. time for the center of mass of the cationic ring at 300, 400, and 500 K. (*IB*) Comparison of the non-Gaussian parameter α_2 vs. time for the cations at 300, 400, and 500 K. At 400 K, the maximum is at $t^* = 109$ ps, whereas at 300 K it shifts to 2.48 ns. (*II*) The self part of the van Hove correlation function for the cations and its standard Gaussian form at time $t = t^*$ for the system at 300 K. Because this system is isotropic, we only consider the radial part: $4\pi r^2 G_s(r, t^*)$.

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