

ADDITIONS AND CORRECTIONS

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Laura A. Deschenes and David A. Vanden Bout*: Molecular Motions in Polymer Films near the Glass Transition: a Single Molecule Study of Rotational Dynamics

We wish to retract the article Molecular Motions in Polymer Films Near the Glass Transition: a Single Molecule Study of Rotational Dynamics.¹ The majority of the conclusions of this article were based on the correlation functions of the transient single molecule data. The Vanden Bout research group has recently reanalyzed these data and found that the correlation functions utilized for the article do not correspond to the true correlation functions of the transient data. Moreover, the Vanden Bout research group has been unable to reproduce the single molecule transient data presented in the article. Given that the analysis is flawed and that even the qualitative features of the data cannot be reproduced, we are compelled to retract this report in its entirety. This retraction is occurring simultaneously with the retraction of all related articles.^{2,3} We sincerely regret any inconvenience that the publication of these results has caused for others.

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References and Notes

- (1) Deschenes, L. A.; Vanden Bout, D. A. *J. Phys. Chem. B* **2001**, *105*, 11978–11985.
- (2) Deschenes, L. A.; Vanden Bout, D. A. *Science* **2001**, *292*, 255.
- (3) Deschenes, L. A.; Vanden Bout, D. A. *J. Chem. Phys.* **2002**, *116*, 5850–5856.

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