

ADDITIONS AND CORRECTIONS

2004, Volume 108A

Jason R. Green, and R. Graham Cooks*: Inverse Heavy-Atom Kinetic Isotope Effects in Chloroalkanes

The article was originally published with no numbered references in the Reference Section. The corrected Reference Section follows.

References and Notes

- (1) (a) Wilson, T. L. *Rep. Prog. Phys.* **1999**, *62*, 143–185. (b) Wilson, T. L.; Rood, R. T. *Annu. Rev. Astron. Astrophys.* **1994**, *32*, 191–226. (c) Begemann, F. *Rep. Prog. Phys.* **1980**, *43*, 1309–1356. (d) Troe, J. *Chem. Rev.* **2003**, *103* (12), 4565–4576. (e) Thiemens, M. *Science* **1999**, *283* (5400), 341–345.
- (2) (a) Gronert, S.; DePuy, C. H.; Bierbaum, V. M. *J. Am. Chem. Soc.* **1991**, *113*, 4009–4010. (b) O'Hair, R. A. J.; Davico, G. E.; Hacaloglu, J.; Dang, T. T.; DePuy, C. H.; Bierbaum, V. M. *J. Am. Chem. Soc.* **1994**, *116*, 3609–3610. (c) Davico, G. E.; Bierbaum, V. M. *J. Am. Chem. Soc.* **2000**, *122*, 1740–1748. (d) Laerdahl, J. K.; Uggerud, E. *Int. J. Mass Spectrom.* **2002**, *214*, 277–314.
- (3) Poirier, R. A.; Wang, Y.; Westaway, K. C. *J. Am. Chem. Soc.* **1994**, *116*, 2526–2533.
- (4) (a) Olmstead, W. N.; Brauman, J. I. *J. Am. Chem. Soc.* **1977**, *99*, 4219. (b) Brauman, J. I. *Int. J. Mass Spectrom.* **2000**, *200*, 591–595.
- (5) (a) Van Doren, J. M.; DePuy, C. H.; Bierbaum, V. M. *J. Phys. Chem.* **1989**, *93*, 1130–1134. (b) Barlow, S. E.; Van Doren, J. M.; Bierbaum, V. M. *J. Am. Chem. Soc.* **1988**, *110*, 7240–7242.
- (6) Yost, R. A.; Enke, C. G. *Anal. Chem.* **1979**, *51* (12), 1251A–1264A.
- (7) (a) Munson, B. *Int. J. Mass Spectrom.* **2000**, *200*, 243–251. (b) Dougherty, R. C. *Anal. Chem.* **1981**, *53* (4), 625A–636A.
- (8) Levenson, K.; Schwarz, H. *Angew. Chem., Int. Ed. Engl.* **1976**, *15* (9), 509–519.
- (9) Horning, E. C.; Horning, M. G.; Carroll, D. I.; Dzidic, I.; Stillwell, R. N. *Anal. Chem.* **1973**, *45* (6), 936–943.
- (10) Fenn, J. B.; Mann, M.; Meng, C. K.; Wong, S. K.; Whitehouse, C. M. *Science* **1989**, *246* (4926), 64–71.
- (11) Takáts, Z.; Wiseman, J. M.; Gologan, B.; Cooks, R. G. *Anal. Chem.* **2004**, *76*, 4050–4058.
- (12) (a) Dougherty, R. C.; Dalton, J.; Roberts, J. D. *Org. Mass Spectrom.* **1974**, *8*, 77–79. (b) Larson, J. W.; McMahon, T. B. *J. Am. Chem. Soc.* **1984**, *106*, 517–521.
- (13) Vékey, K. *J. Mass Spectrom.* **1996**, *31*, 445–463.
- (14) For example: Osterheld, T. H.; Brauman, J. I. *J. Am. Chem. Soc.* **1992**, *114*, 4087–4100.
- (15) (a) Weston, R. E. *Chem. Rev.* **1999**, *99*, 2115–2136. (b) Hathorn, B. C.; Marcus, R. A. *J. Chem. Phys.* **1999**, *111* (9), 9497–9509. (c) Gao, Y. Q.; Marcus, R. A. *Science* **2001**, *293*, 259–263. (d) Mauersberger, K.; Erbacher, B.; Krankowsky, D.; Günther, Nickel, R. *Science* **1999**, *283* (5400), 370–372.
- (16) (a) Rice, O. K.; Gershinowitz, H. *J. Chem. Phys.* **1934**, *2*, 853–861. (b) Waage, E. V.; Rabinovitch, B. S. *Chem. Rev.* **1970**, *70* (3), 377–387. (c) Aubanel, E. E.; Wardlaw, D. M.; Zhu, L.; Hase, W. L. *Int. Rev. Phys. Chem.* **1991**, *10* (3), 249–286. (d) Baer, T.; Hase, W. L. *Unimolecular Reaction Dynamics, Theory and Experiments*; Oxford University Press: New York, 1996. (e) Forst, W. *Theory of Unimolecular Reactions*; Academic Press: New York, 1973.
- (17) Kiermeier, A.; Kühlewind, H.; Neusser, H. J.; Schlag, E. W.; Lin, S. H. *J. Chem. Phys.* **1988**, *88* (10), 6182–6190.
- (18) Yamdagni, R.; Kebarle, P. *J. Am. Chem. Soc.* **1971**, *93* (26), 7139–7143.
- (19) Dougherty, R. C.; Dalton, J.; Roberts, J. D. *Org. Mass Spectrom.* **1974**, *8*, 77–79.
- (20) For example: (a) Forst, W. *J. Chem. Phys.* **1968**, *48* (8), 3665–3671. (b) Marcus, R. A.; Gao, Y. Q. *J. Chem. Phys.* **2001**, *114* (22), 9807–9812.
- (21) Talrose, V. L.; Vinogradov, P. S.; Larin, I. K. On the Rapidity of Ion–Molecule Reactions. In *Gas-Phase Ion Chemistry*; Bowers, M. T., Ed.; Academic Press: New York, 1979; Vol. 1.
- (22) Khalil, M. A. K.; Rasmussen, R. A. *J. Atmos. Chem.* **1999**, *33*, 1151–1158.
- (23) (a) Goldstein, A. H.; Shaw, S. L. *Chem. Rev.* **2003**, *103* (12), 5025–5048. (b) Winterton, N. *Green Chem.* **2000**, *2*, 173–225.

10.1021/jp058296o
Published on Web 12/08/2005