



Letter to the Editor

Update on electron capture dissociation of disulfide bond

Regrettably, I have failed to cite a highly relevant paper in my recent paper on electron capture dissociation of the disulfide bond [1]. A paper by Turecek et al. [2], published in 2000, should have been included in the literature list and referenced to in the text. It includes valuable experimental data (neutralization-reionization mass spectrometry) as well as theoretical model calculations. My results duplicate/overlap some of the key calculations reported by them. In particular, they reported calculations which demonstrate that the radical $\text{CH}_3\text{SS}(\text{H})\text{CH}_3$ is unstable, both upon addition of H to dimethyl disulfide, and by electron abstraction by protonated dimethyl disulfide. I would also take this opportunity to give reference to a recently published paper on this topic [3].

References

- [1] E. Uggerud, *Int. J. Mass Spectrom.* 234 (2004) 45.
- [2] F. Turecek, M. Polášek, A.J. Frank, M. Sadílek, *J. Am. Chem. Soc.* 122 (2000) 2361.
- [3] A. Sawicka, P. Skurski, R.R. Hudgins, J. Simons, *J. Phys. Chem. B* 107 (2003) 13505.

E. Uggerud
Department of Chemistry, University of Oslo
P.O. Box 1033, N-0315 Blindern, Norway
Tel.: +47 22855537; fax: +47 22855441.
E-mail address: einar.uggerud@kjemi.uio.no
(E. Uggerud)