

## ***Interactive comment on “Metal concentrations in the upper atmosphere during meteor showers” by J. Correira et al.***

### **Anonymous Referee #2**

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This is a very good paper with impressive satellite data. I am particularly impressed, and excited, with the Mg/Mg measurements and results. My only comment regarding this manuscript concerns the manner that it is written. The authors start the study by setting out to investigate the potential influence that meteor showers may have on the MLT chemistry. They finally conclude that the influence from showers is negligible and that the sporadic background is mostly responsible for these phenomena. This is a known fact (see for example the book by Murad and Williams, *Meteors and the Upper Atmosphere*). I wonder why the authors feel this should be the main focus of the study and I would very much like to hear the authors comments regarding this point.

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Interactive comment on Atmos. Chem. Phys. Discuss., 9, 18705, 2009.