

Interactive comment on “The MPI-Mainz UV/VIS Spectral Atlas of Gaseous Molecules of Atmospheric Interest” by H. Keller-Rudek et al.

Anonymous Referee #3

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This short paper describes updates to the web page which houses the data base of UV-visible cross sections in Mainz. The paper is relatively clear, and illustrates the basic format of the data base and also some recent changes.

The paper reads well, and I like the changes made to the web pages, which are now much clearer. The data base will continue to be a very important resource, and credit goes to all the Mainz team for keeping it going. I hope this publication will also help to make people aware of its (continuing) existence. Minor comments follow.

Page 415, lines 22 and 24. Chinese and French should be capitalized.

Page 415, line 26. Not sure in "noughties" is a real word. "Early 2000s" might be better.

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Section 3.3. Could this be moved earlier to link with section 2? It seems to fit better, and may avoid a little repetition.

Reference to El-sebbar. Usually the journal is abbreviated to JQSRT; it should at least include the "Trans" which is missing at present.

I also had a random look through the web site and couldn't find much wrong. The descriptions for the crotonaldehyde spectra were confusing (why are the two Mainz spectra shown different?).

Also, I couldn't access any of the figure for quantum yields when I looked.

Interactive comment on Earth Syst. Sci. Data Discuss., 6, 411, 2013.

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