

***Interactive comment on “Rapid changes in ice core gas records – Part 2: Understanding the rapid rise in atmospheric CO<sub>2</sub> at the onset of the Bølling/Allerød” by P. Köhler et al.***

**Anonymous Referee #2**

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The authors claim that their filter passed the test that I suggested in my review. However it is difficult to evaluate this claim. Please show the entire record between 15 and 11 ka. Also the smoothed record is odd; it shows sharp inflection points as if no interpolation to an even spacing was done prior to filtering. If needed, please interpolate prior to filtering, for example to a one-year sample spacing, so that this artifact is eliminated. Also please show the EDC methane data as individual data points, without a line connecting them.

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Interactive comment on Clim. Past Discuss., 6, 1473, 2010.