

Response to the editor's comments

We are thankful to the editor for the comments. We have revised the manuscript accordingly. Listed below is our point-to-point response in blue to each comment that was offered by the editor.

A few alterations and corrections are still needed for both the Main text and Supplement before the manuscript can be published in ACP:

Main text:

Line 129: Replace "detailed PMF analysis" by "detailed PMF analyses".

Line 130: Replace "analyses was also" by "analysis was also".

Lines 203 and 280: Replace "of BC" by "of the BC".

We made all corrections as the editor suggested.

Supplement:

Page 2, line 2: Replace "mixing state on" by "mixing states on".

Page 2, line 4: Replace "thermodenuder time (TD)" by "thermodenuder (TD) time".

Also is the word "time" needed here or should it perhaps be replaced by "line"?

Page 2, line 5: Replace "that was defined" by "was defined".

Page 8, caption of Figure S7, last line: Delete the " before the terminal period (.).

We made all corrections as the editor suggested.