Comment on cp-2021-173
Anonymous Referee #1

Referee comment on "$^{14}$C plateau tuning – A misleading approach or trendsetting tool for marine paleoclimate studies?" by Michael Sarnthein and Pieter M. Grootes, Clim. Past Discuss., https://doi.org/10.5194/cp-2021-173-RC1, 2022

Sarnthein and Grootes: submitted to Climate of the Past

The format and discussion of this document better resembles a comment than a scientific manuscript, making this very difficult to understand / review. I can only guess that the authors intended for this text to be submitted as a comment instead of a stand-alone manuscript. It is therefore simplest to reject this submission and allow the authors to correct their mistake or ask them to submit a manuscript that at least partially follows the standard formatting of a scientific publication.

A brief listing of the problems with this document

The title of this document suggests the reader will be provided with an expert review of the Plateau tuning technique for identifying the calendar age. However, the Introduction does little to introduce the reader to the relevant argument, instead directing the reader to first fully understand the discussions of several earlier publications. This is a missed opportunity. If the rebuttal to this comment is that the review was already published, then I see no reason why the text provided here should be a stand-alone manuscript. Submit it as a comment to the already peer-reviewed manuscripts.

No Results section or Discussion is provided, with the text immediately moving to arguments that I (a putative expert) have difficulty following.

Every figure has a different X-axis range, with some have the calendar age move in different directions. These figures are not professional.