We thank you for your fruitfull review of our paper. You will find in the attached .pdf file the answers to your comments and the corresponding changes in the text. We hope to have correct the drawbacks of our first submission.

Marion Roger (and co-authors)

Please also note the supplement to this comment: https://egusphere.copernicus.org/preprints/2022/egusphere-2022-828/egusphere-2022-828-AC1-supplement.pdf