Interactive comment on “Constraining Quaternary erosion of the Campine Plateau (NE Belgium) using Bayesian inversion of an in-situ produced $^{10}$Be concentration depth profile” by Koen Beerten et al.

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Dear Dr Beerten and co-authors, Your paper now has two thorough reviews. Both are somewhat encouraging but with major reservations on how this 'technique' paper is a step forward from the existing technique. As such, I strongly encourage you to submit a revised version of your paper, as usual fully taking into account and responding to the reviewers’ comments. I would appreciate a comment on some misunderstandings that came up regarding how the model differs from previous models. There are a couple of methods for constructing erosion/ages from depth profiles available. It would be nice to see a comparison of these methods and to figure out the real differences including uncertainties between them. Are you able/willing to upload the (modified?) source code as a part of the manuscript or on github so that reviewers (and eventually readers) have access to it? Thank you for submitting your work to Earth Surface Dynamics. Best wishes, Jane