

The authors have carefully addressed all of the comments/suggestions brought up in the review. I thoroughly enjoyed reading the paper again and think it is in great shape. I recommend publishing in the current form, pending a few **very minor** things I noticed:

In Figure 6, the label for 140 m on the y axis is spread over two lines.

In Table S5 (the Be table), I think sample IDs need to be added in place of “JS1”, “JS2” etc.

In the reference list, a DOI is needed for Frezzotti et al. (2005), Johnson et al. (2014), and Morlighem et al. (2020) – this latter reference should be changed from 2019 to 2020 (cited in lines 175 and 176).