



Supplement of

Responses of the Pine Island and Thwaites glaciers to melt and sliding parameterizations

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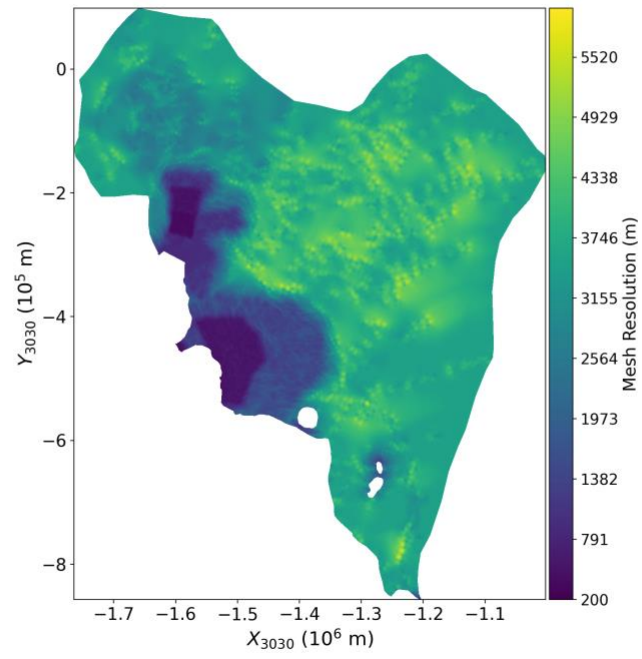


Figure S1. Mesh resolution for the domain that includes Pine Island and Thwaites glaciers.

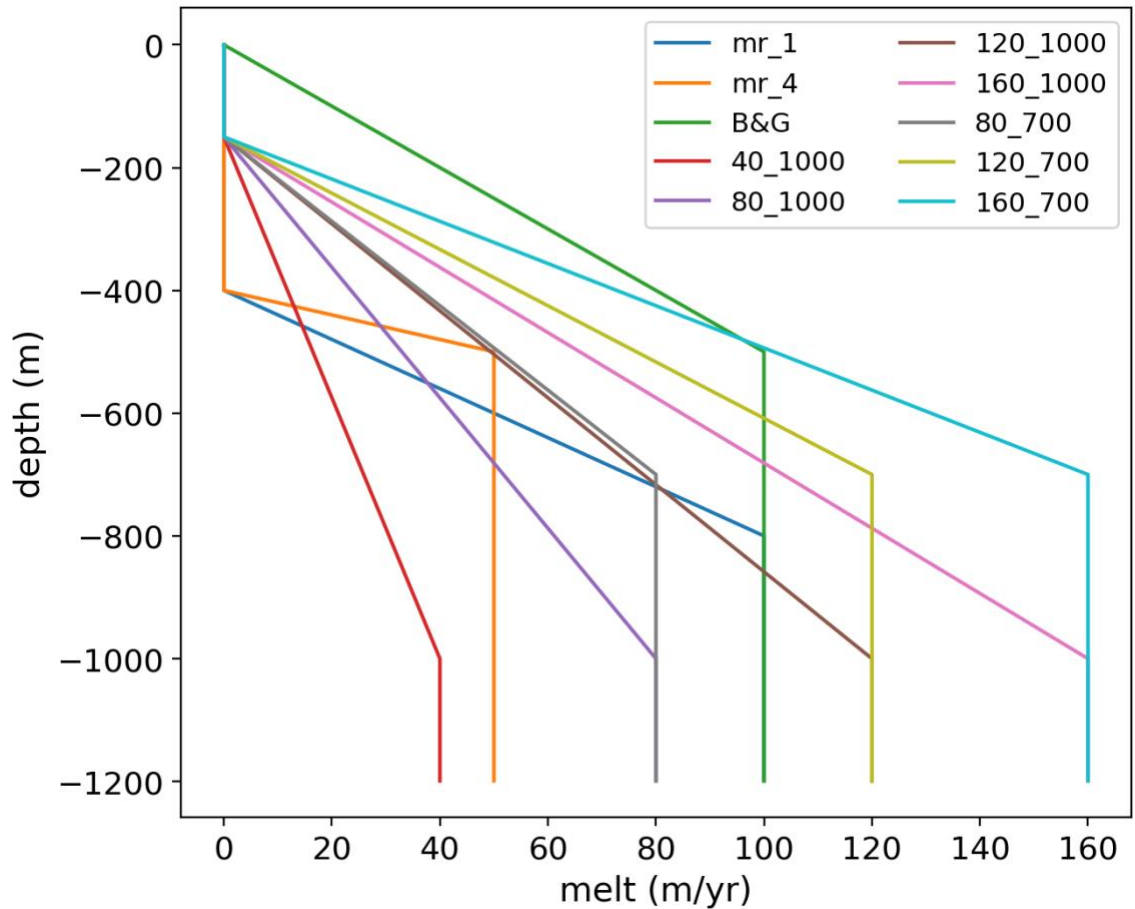


Figure S2. Depth-parameterized melt profiles with mr_1 and mr_4 from Gudmundsson et al., (2023), B&G from Barnes and Gudmundsson (2022), and 40_1000, 80_1000, 120_1000, 160_1000, 80_700, 120_700, and 160_700 from Yu et al., (2018).

References

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Yu, H., Rignot, E., Seroussi, H., and Morlighem, M.: Retreat of Thwaites Glacier, West Antarctica, over the next 100 years using various ice flow models, ice shelf melt scenarios and basal friction laws, *The Cryosphere*, 12, 3861–3876, <https://doi.org/10.5194/tc-12-3861-2018>, 2018.