

Supplemental Figures

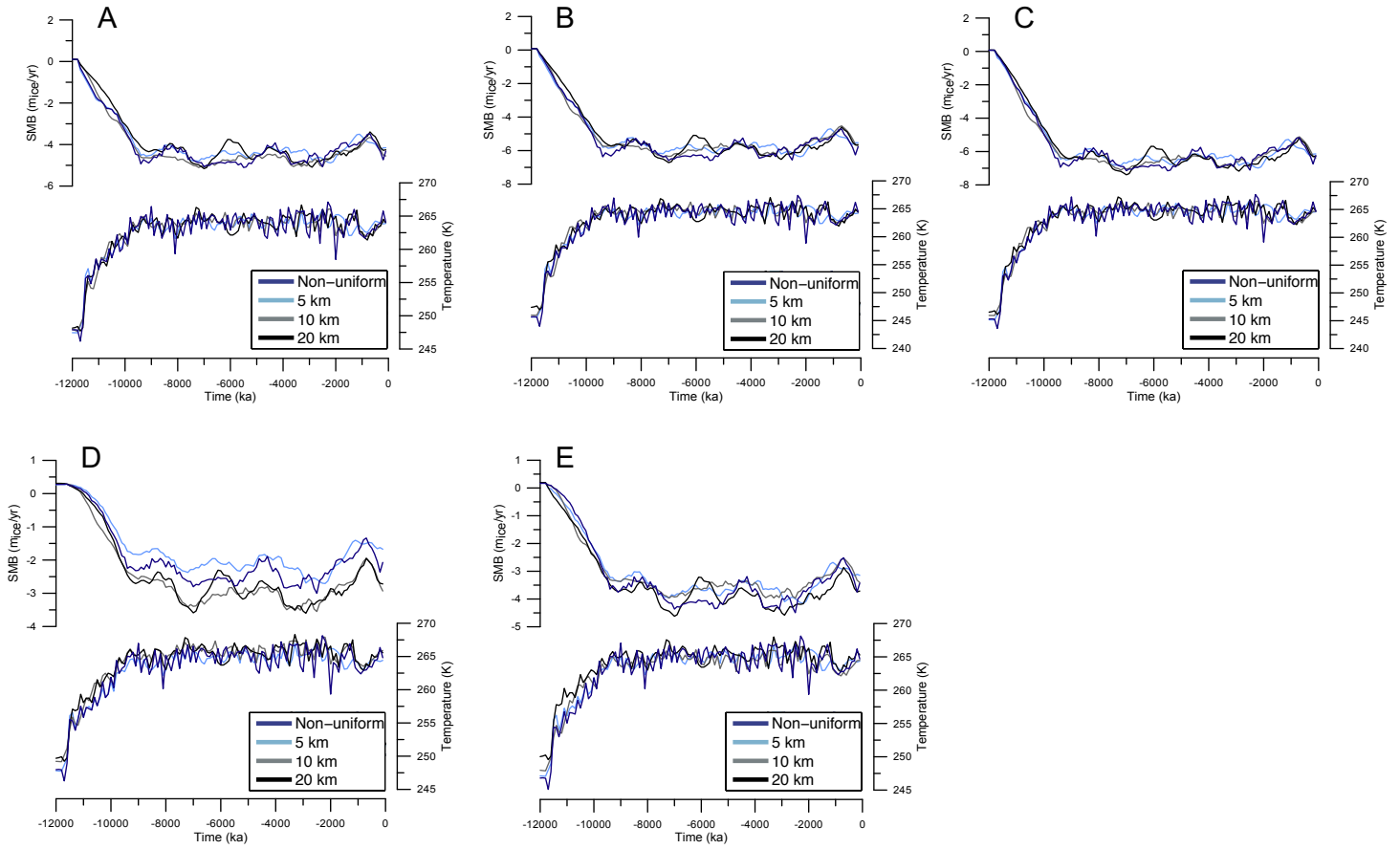


Figure S1. Surface temperature and surface mass balance for each model along the respective flowlines throughout the transient simulation. Labels indicate the associated flowlines.

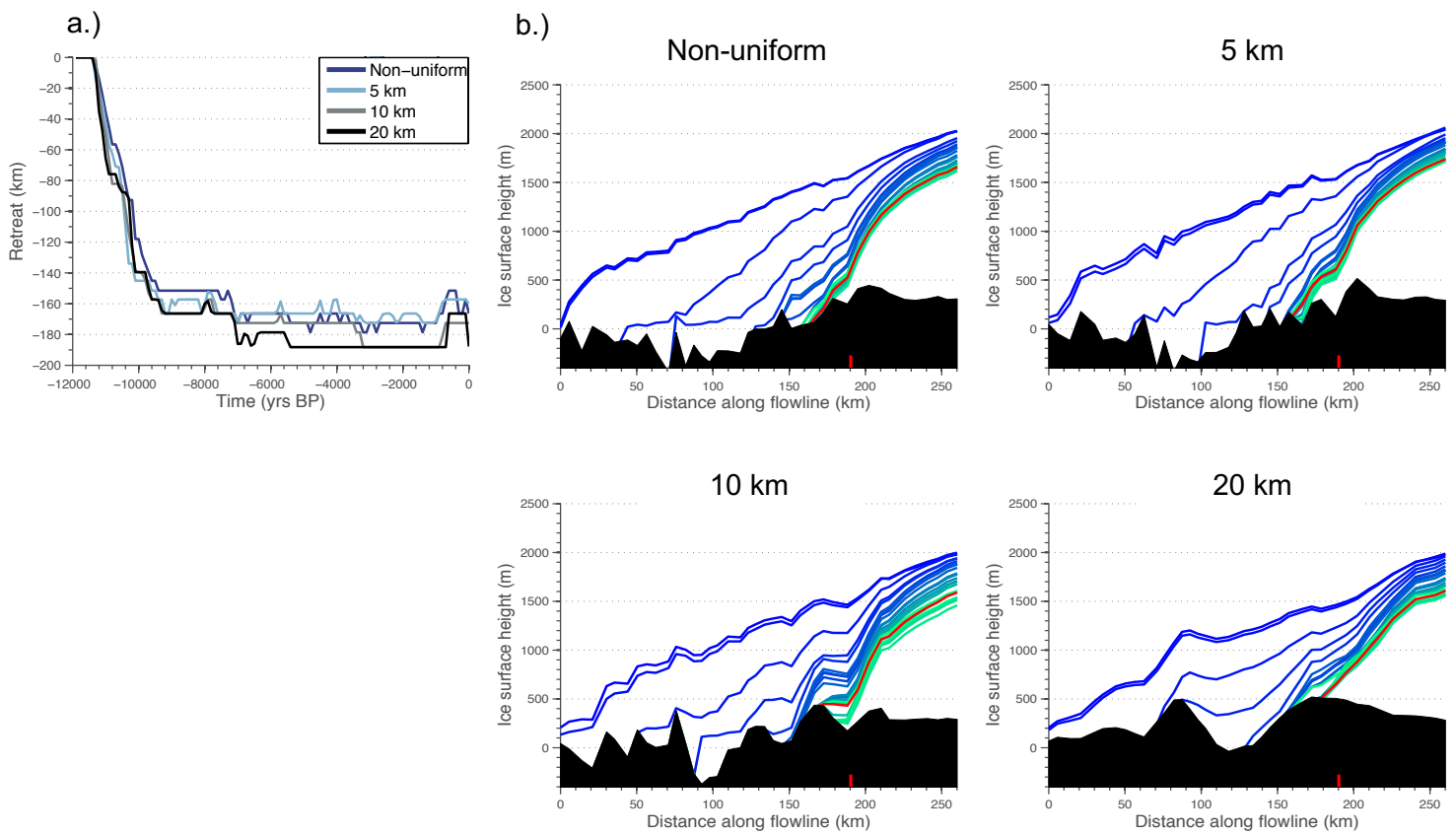


Figure S2. Same as in **Figure 8** but for flowline (B).

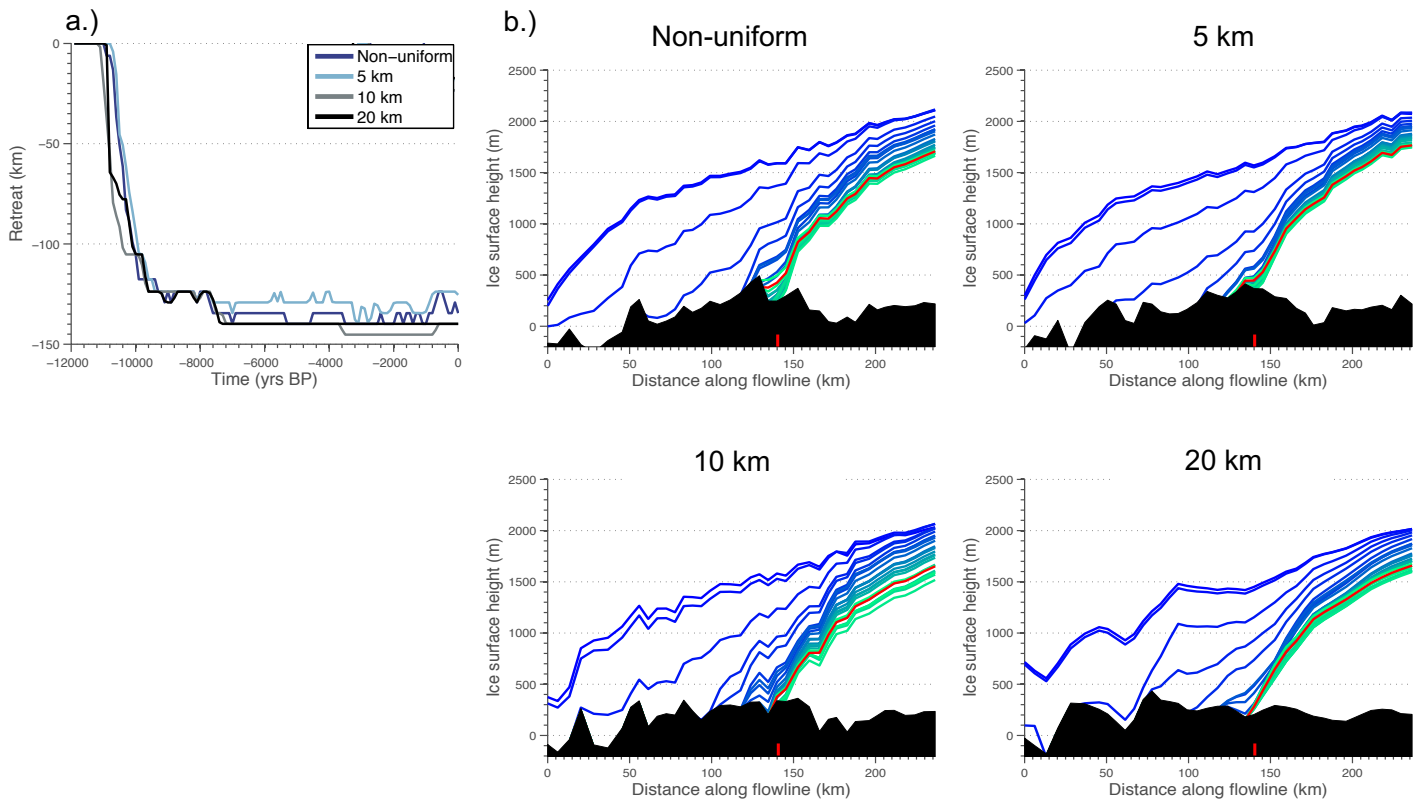


Figure S3. Same as in **Figure 8** but for flowline (C).

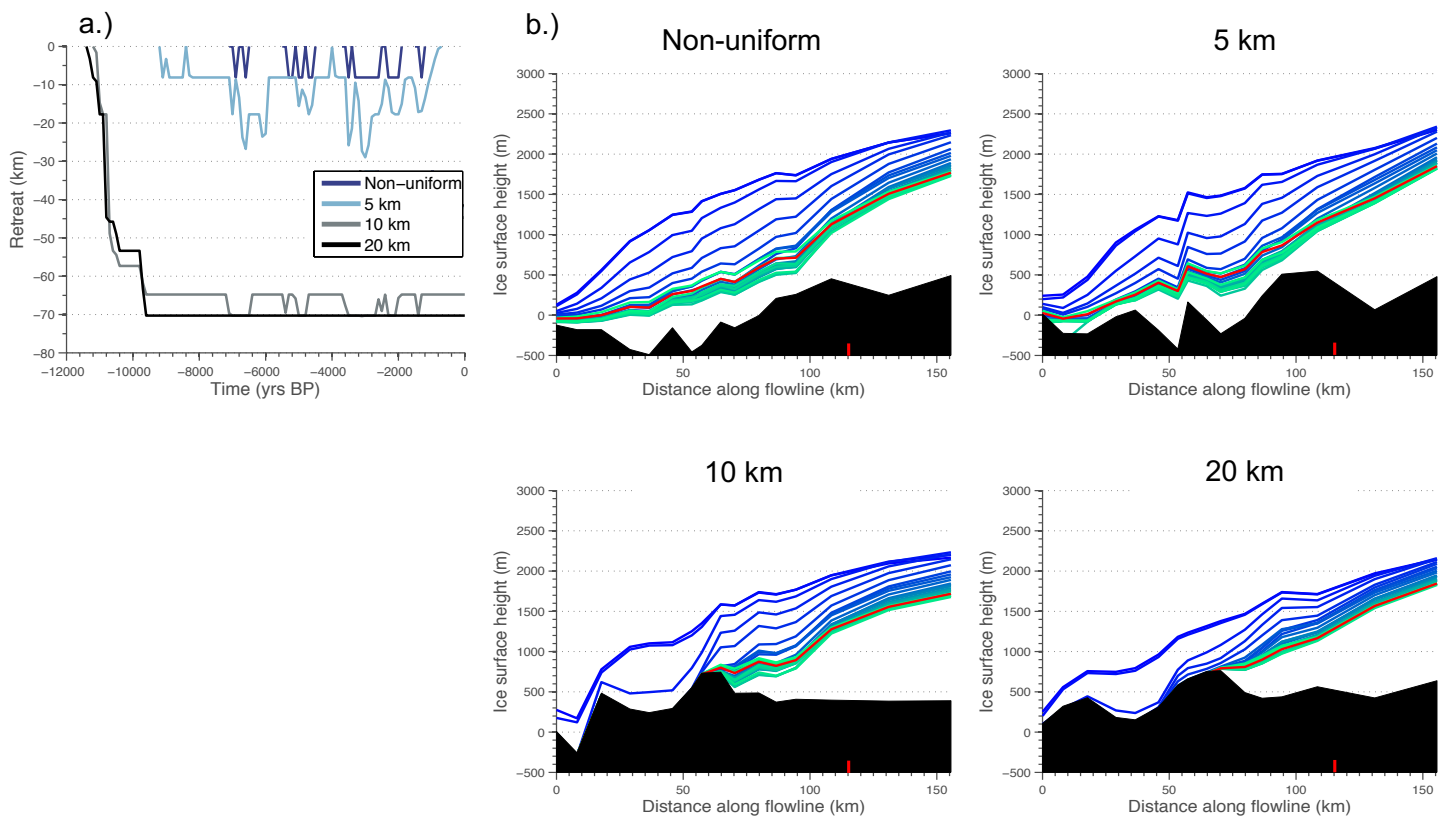


Figure S4. Same as in **Figure 8** but for flowline (E).