General response

Alessandro Lechmann et al.

Author comment on "SMAUG v1.0 – a user-friendly muon simulator for the imaging of geological objects in 3-D" by Alessandro Lechmann et al., Geosci. Model Dev. Discuss., https://doi.org/10.5194/gmd-2021-342-AC1, 2022

We thank the anonymous referee for his helpful comments that helped to improve the overall structure and the reading flow of our paper.

We gladly adapt the suggestions of the anonymous referee and move the more technical parts (code description & verification of energy loss calculations) of the main body of the text into the Appendix. Thus, the reader is left with primarily the geophysical information in the main text.

We agree that a table with all involved parameters would be a handy tool for readers to quickly look up the necessary information. Thus, we will provide such a list in our text.

A full compilation of our line-by-line responses and entailing changes in the manuscript are provided in the supplement to this author comment.

Please also note the supplement to this comment:
https://gmd.copernicus.org/preprints/gmd-2021-342/gmd-2021-342-AC1-supplement.pdf