## **Elongation steps in likelihood**

Jordan Seneca December 12<sup>th</sup> 2020, Group Meeting





Jordan Seneca

1 event is produced from a single v, with light contribution sampled along an EM-shower profile.

Question: How many sampling steps are needed in the reconstruction to accurately model the shower?







unhit likelihood, lik, direction\_mc\_pos

unhit likelihood, lik, direction\_mc\_pos

Jordan Seneca

unhit likelihood, lik, direction\_mc\_pos

Next steps:

- Plot likelihood including true minimal
- Include background in PDF
- Reconstruct MC hits of v5 MC