

Cross-check of the CalorimeterHitAttenuation

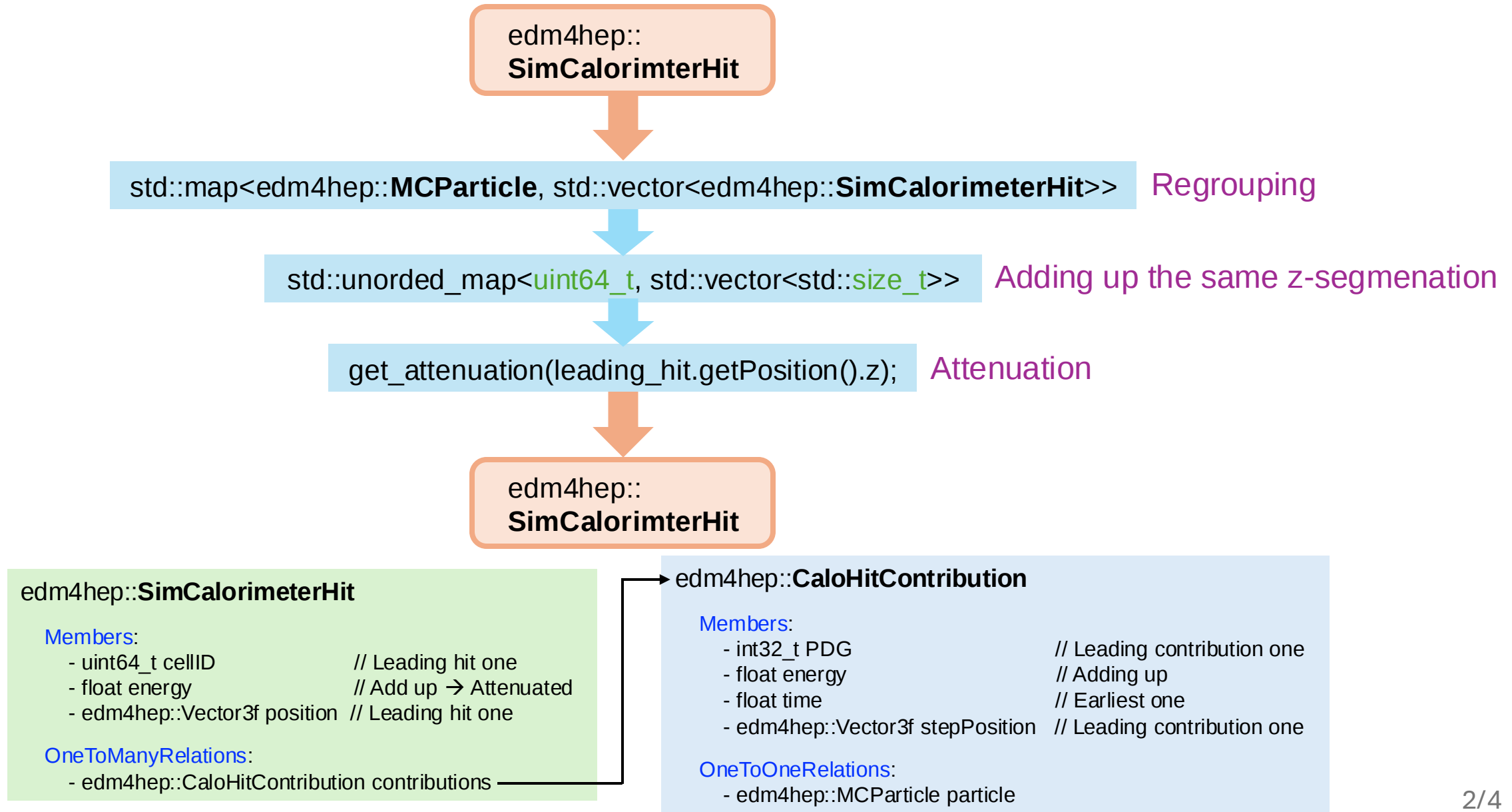
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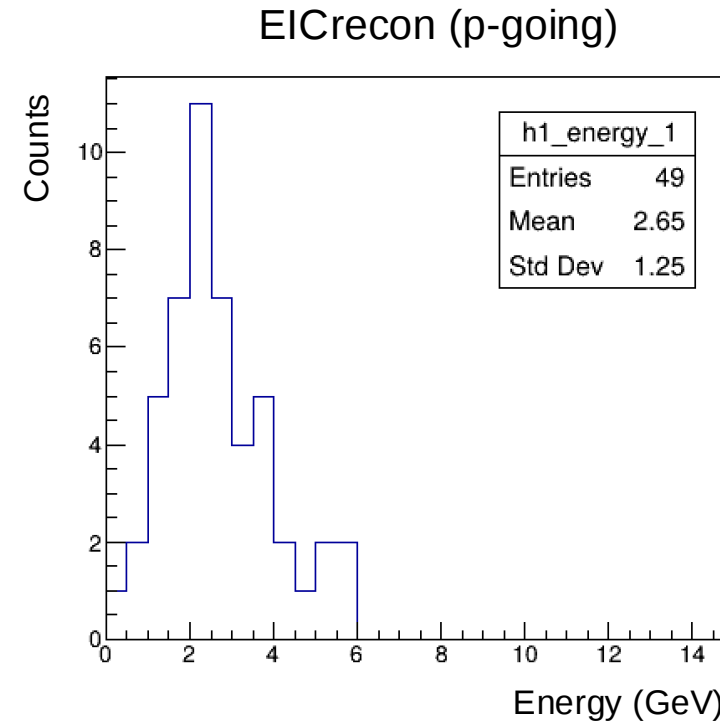
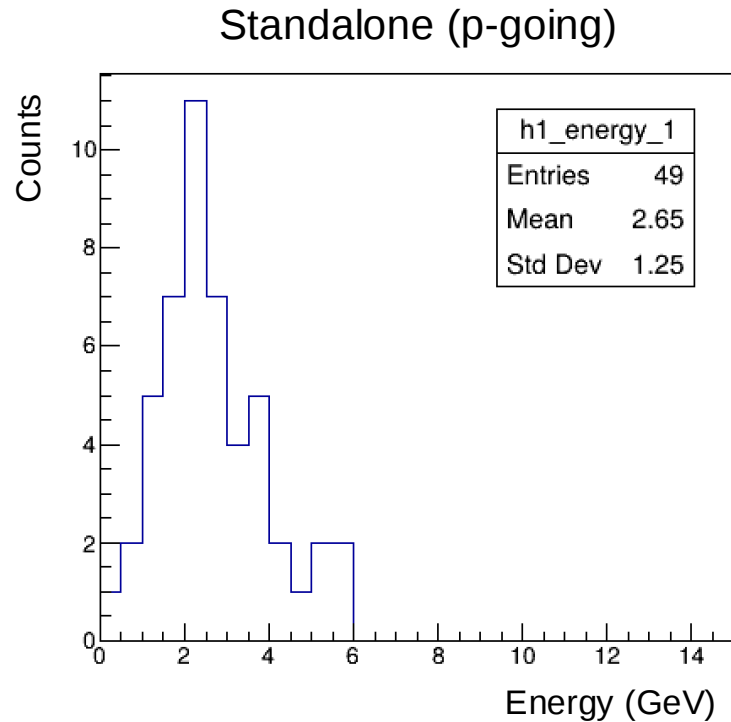
BIC Simulation Meeting

April 22, 2025

Algorithm



Cross-check (attenuated Edep sum)



- The DIS sample that was recently produced was used for the edm4hep file.
- The histograms generated by standalone and ElCrecon showed exactly the same distribution.

Plan

- Realized that the CaloHitContribution should also be stored separately.
- After the update, will move on to generating SimPulse.