LOHENGRIN MEETING 22.01.2026

Cedric Breuning

22.01.2026

Lohengrin Meeting
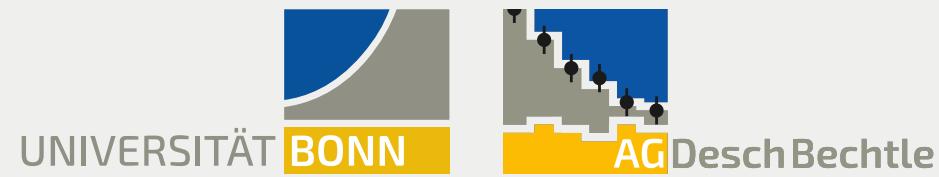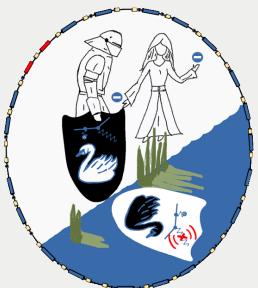
STUDY AIR VS. VACUUM (BEFORE TARGET)

Last time

Study	Vertex (GeV)	Permille Width	Endpoint (GeV)	Permille Width
Baseline (Everything in ELSA Vacuum, 10^{-7} mbar)	3.2000 ± 0.0026	0.8006	3.2000 ± 0.0028	0.8625
Everything in Air (Extraction 2m before target)	3.2000 ± 0.0026	0.8006	3.18 ± 0.18	54.18

Now with Tag Tracker

22.01.2026

Lohengrin Meeting
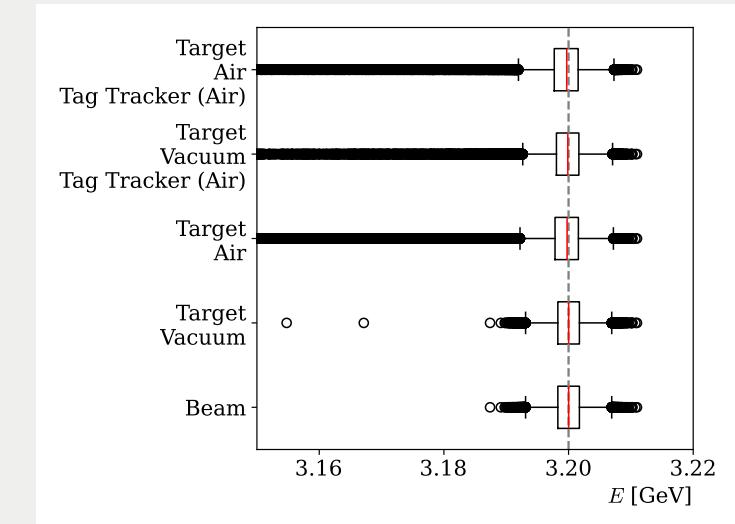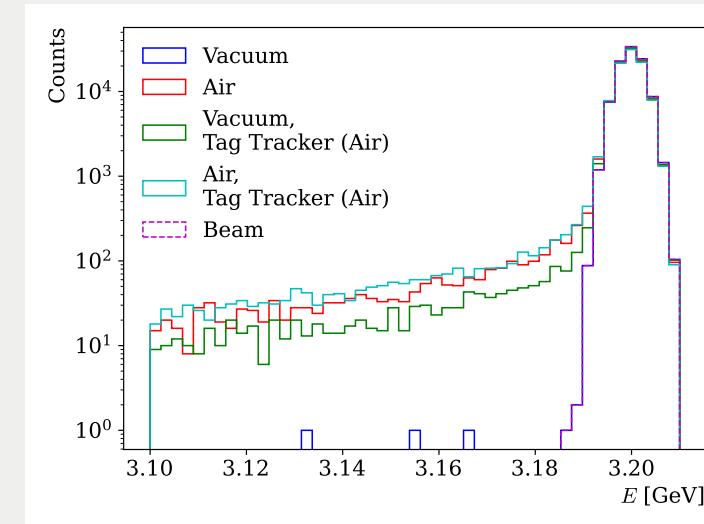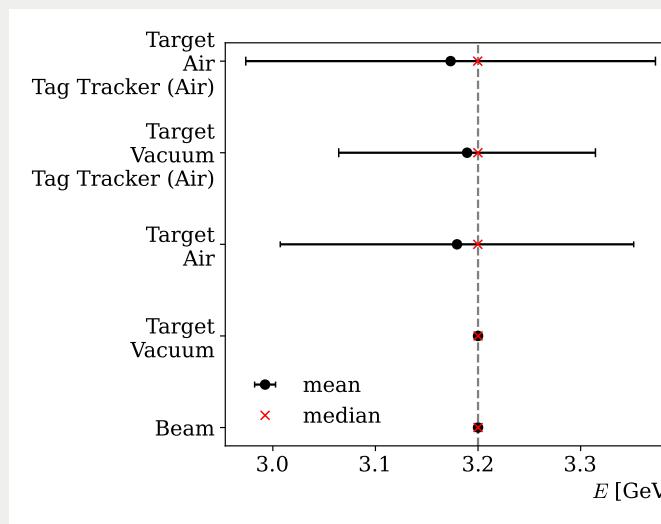
PERCEVAL UPDATES

- Getting Started Guide in the PERCEVAL Wiki (in the Repo)

  - How to get it to run
  - How to do your own (simple) simulation

- Reconstruction and Digitization

  - Last missing module
  - Framework, which we will use for this, set up and running $\Rightarrow$ Gaudi
  - Define and write algorithms in C++
    - Create Data
    - Read Data
    - Read and Write Data
  - Define which algorithms to run and configuration in Python Steering File

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