

Attended COOL'25 this week!

→ Gave a talk

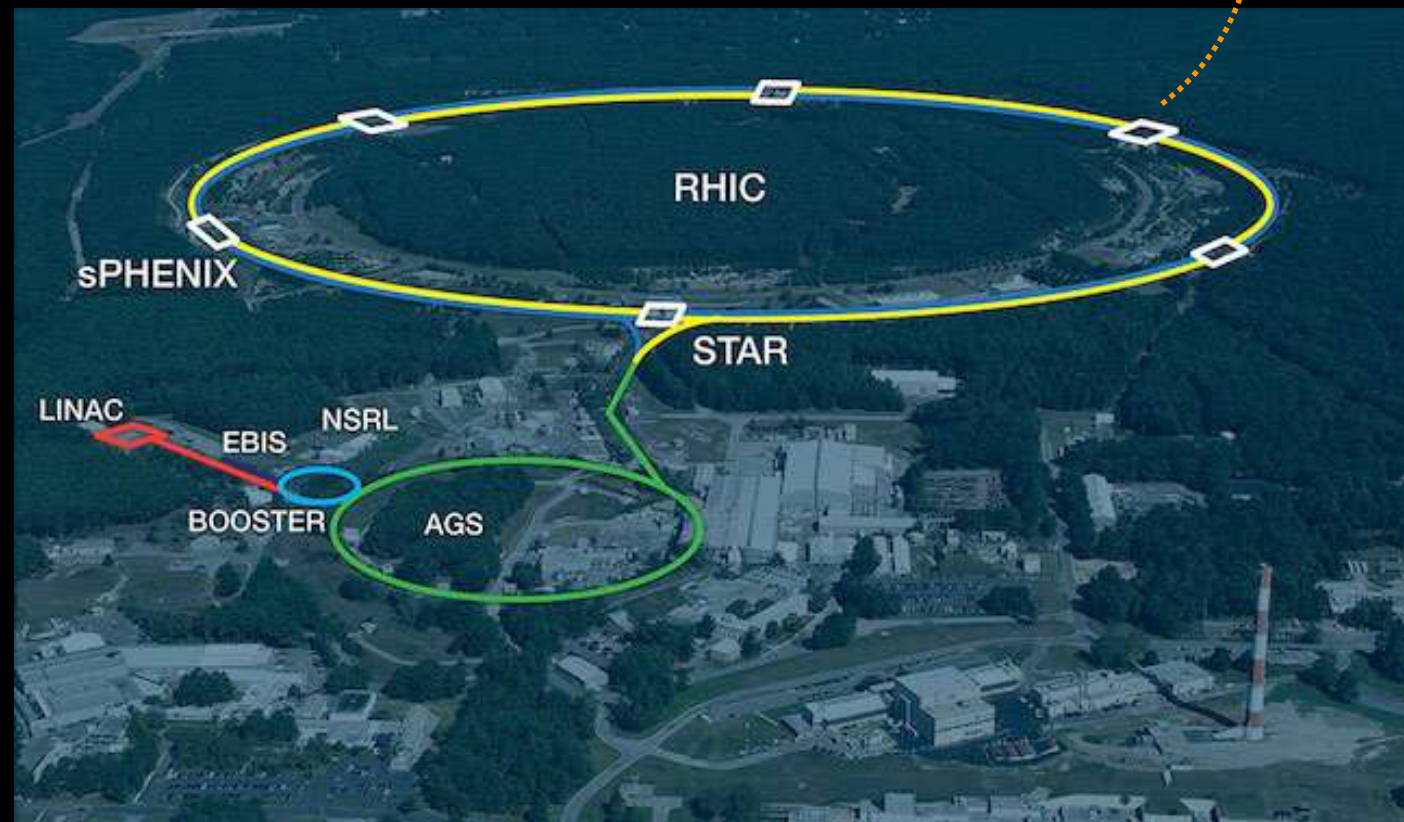
→ Visited BNL

→ Lots of new ideas for HFOFO (compiling in a GitHub issue)

→ Started on a little side quest with Katsuya

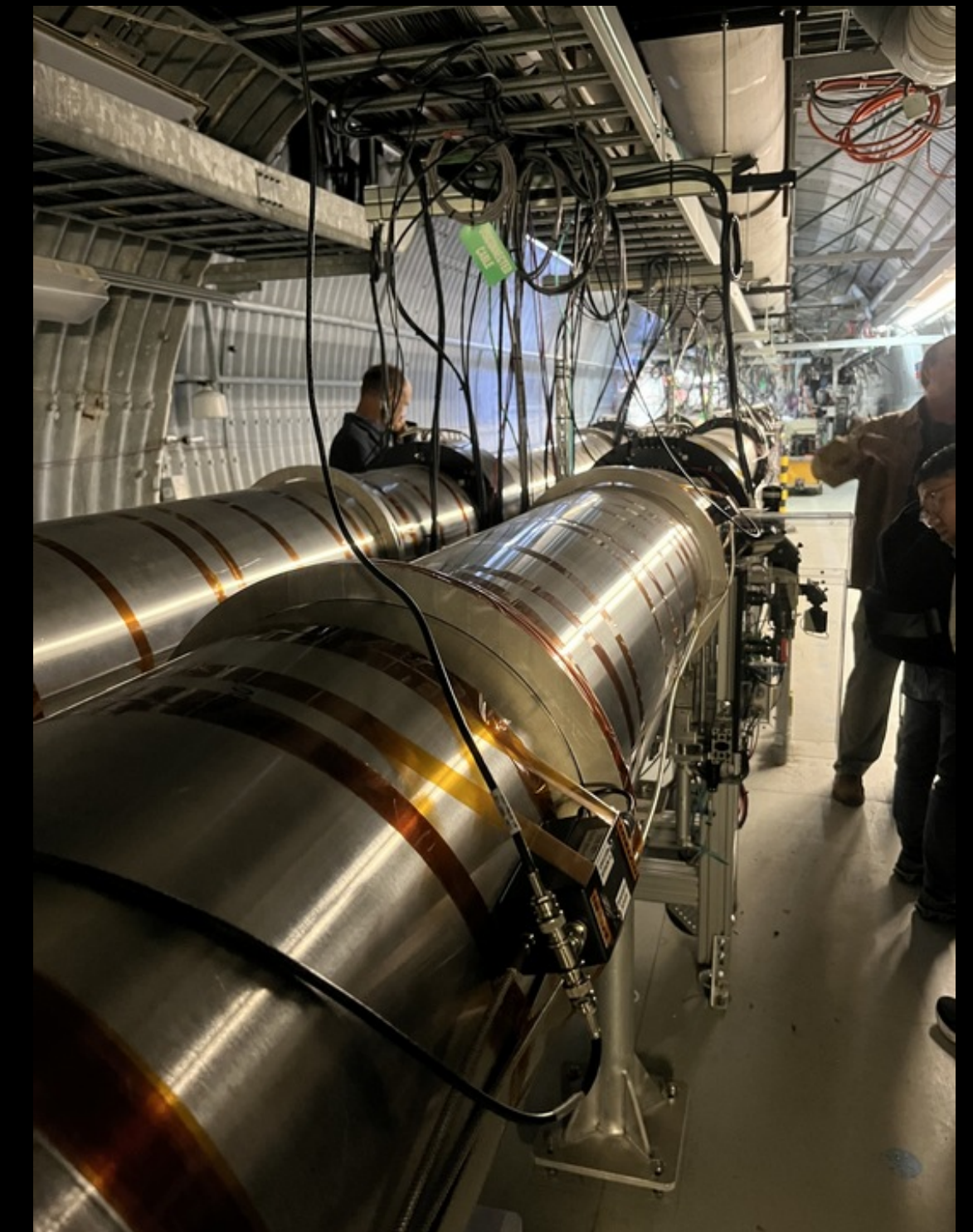
A view from the RHIC tunnels at BNL

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RHIC beamline

Electron cooler

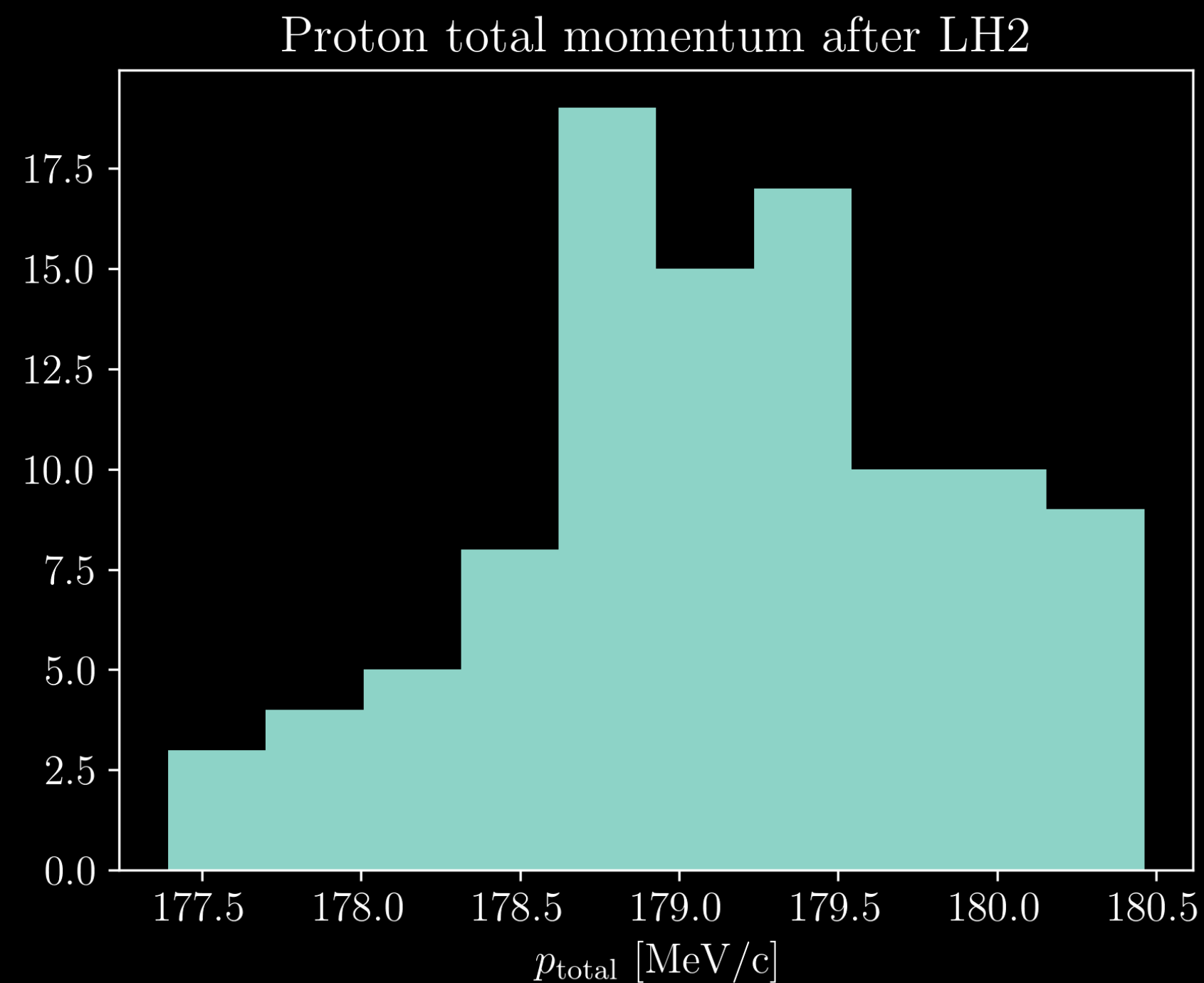
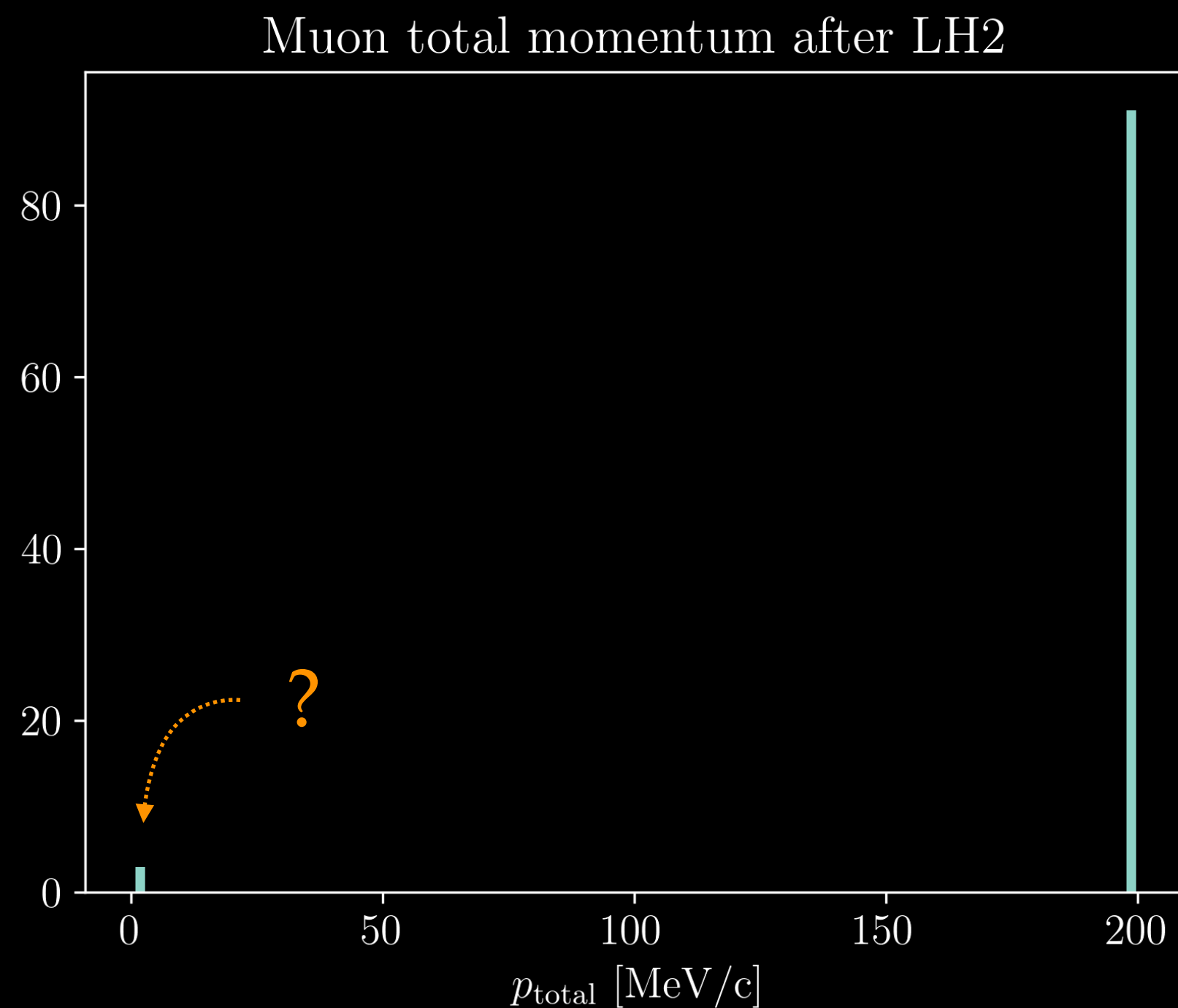


A side quest

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Question: are protons a viable analog for muon cooling demonstrator studies?

Let us compare muon and proton energy loss in 1 cm of liquid hydrogen...



⇒ Factor of ~13
larger dE/dx for
proton

Next step: Calculate
angular distribution