

H4-VLE commissioning Status Report

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and **many many** others.

NP-04 Detector Activation Status

The H4-VLE tertiary branch

LOW ENERGY TERTIARY BEAM LINE DESIGN ...

PHYS. REV. ACCEL. BEAMS 20, 111001 (2017)

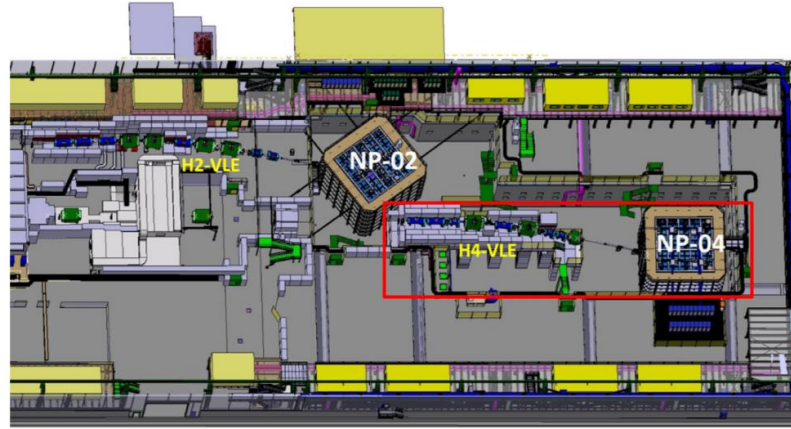
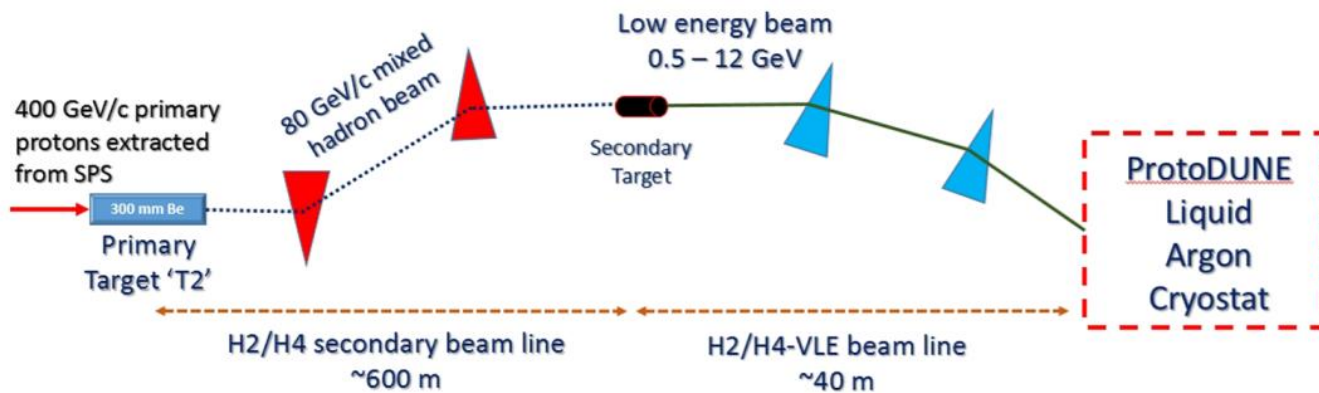
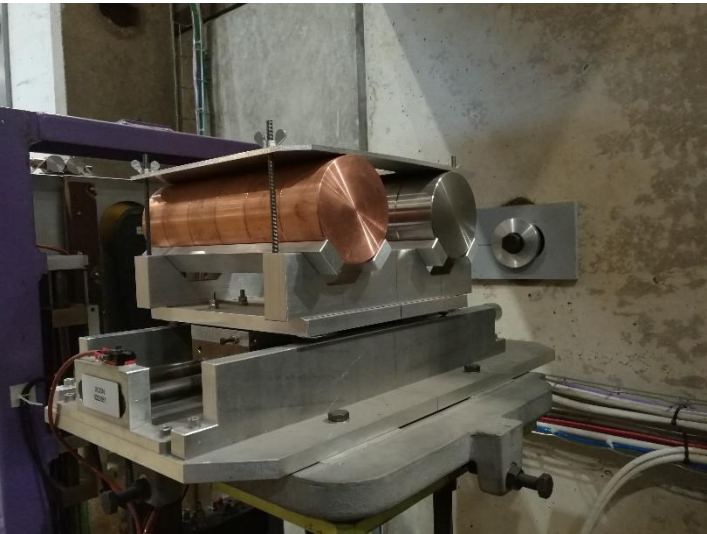


FIG. 2. 3D drawing showing the layout of the EHN1 hall extension housing the two detector prototypes for the NP-02 and NP-04 experiments. The H2 and H4 beam line extensions reaching the two experiments respectively are also visible.



The H4-VLE extension



Very First spill in H4-VLE

Profile before the VLE target

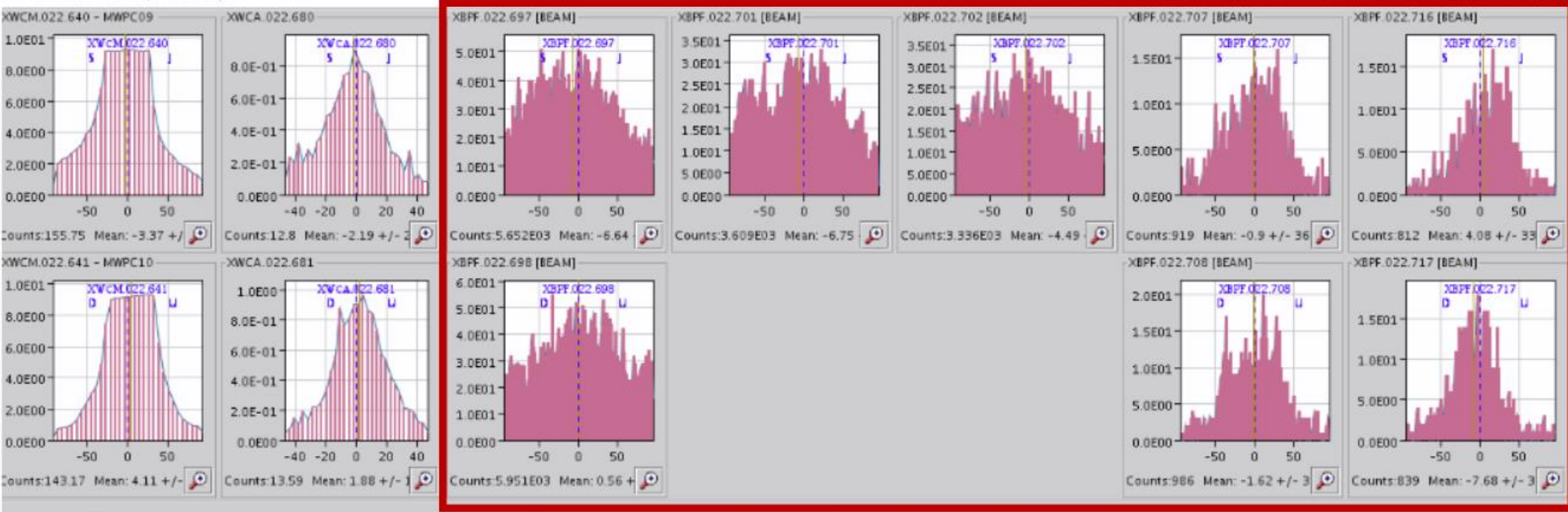


7 GeV/c beam down to the NP-04 cryostat

Last timing: 30.08.2018 16:20:50

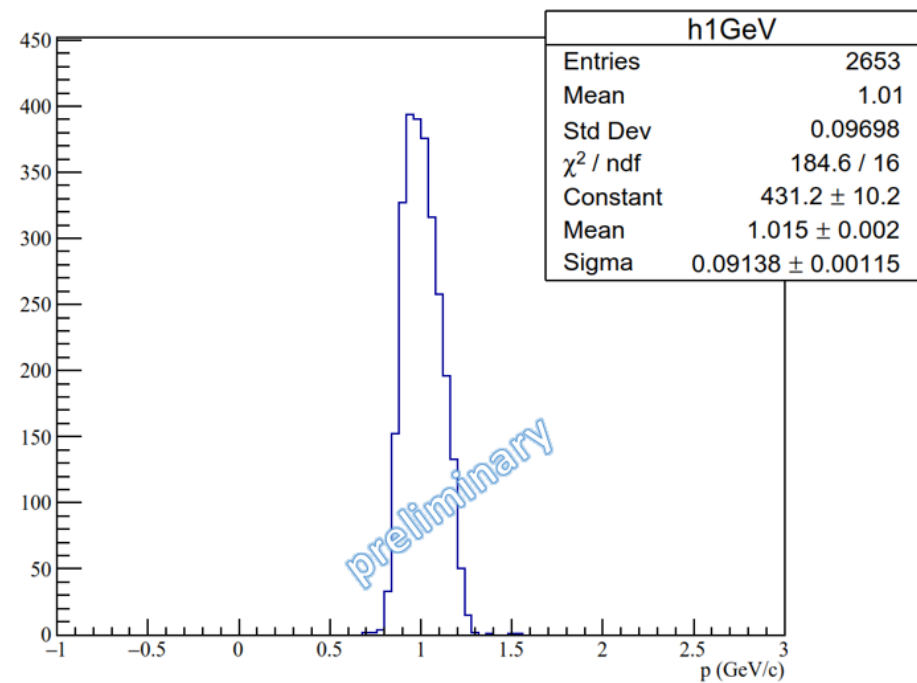
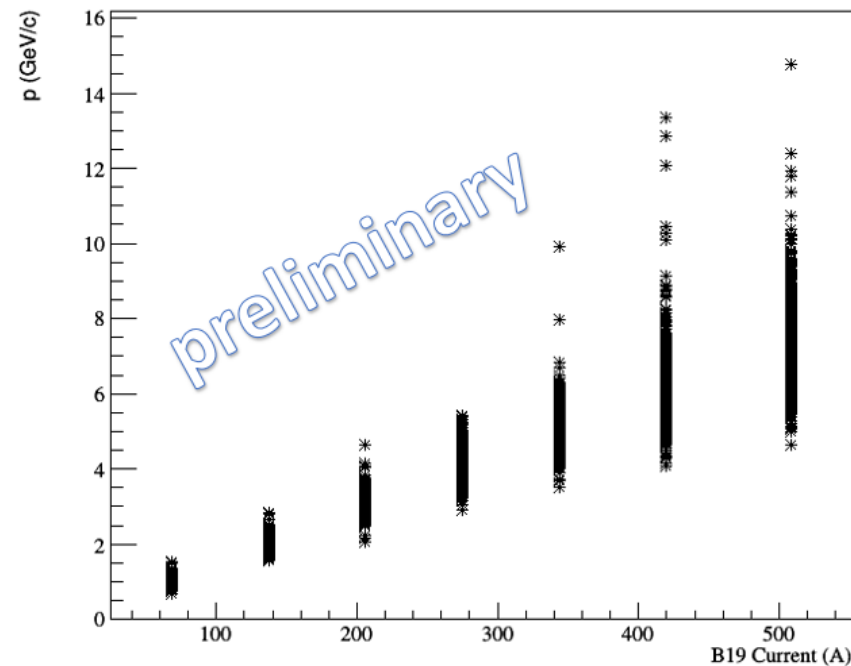
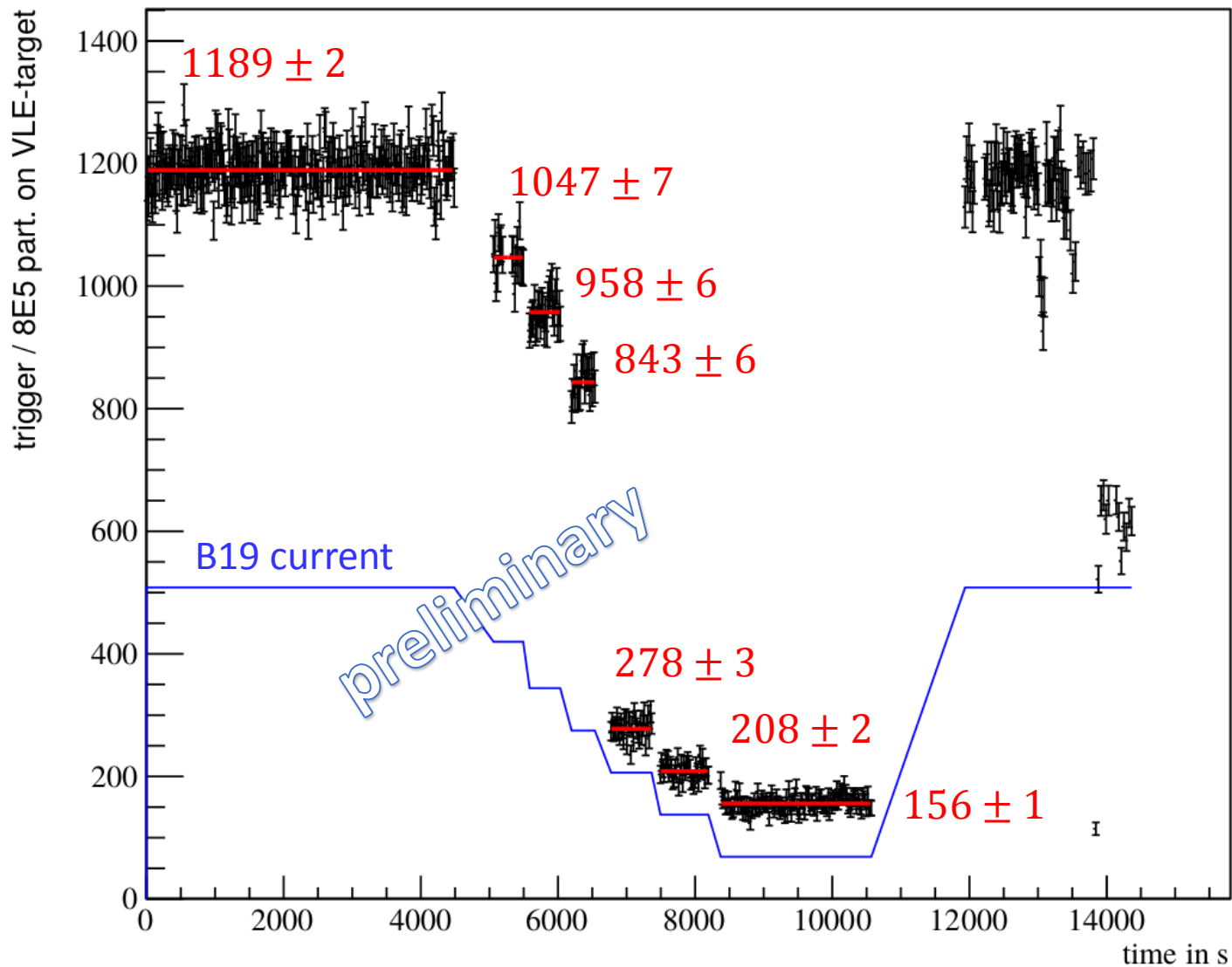
Momentum: +60.00 / +7.00 GeV/c

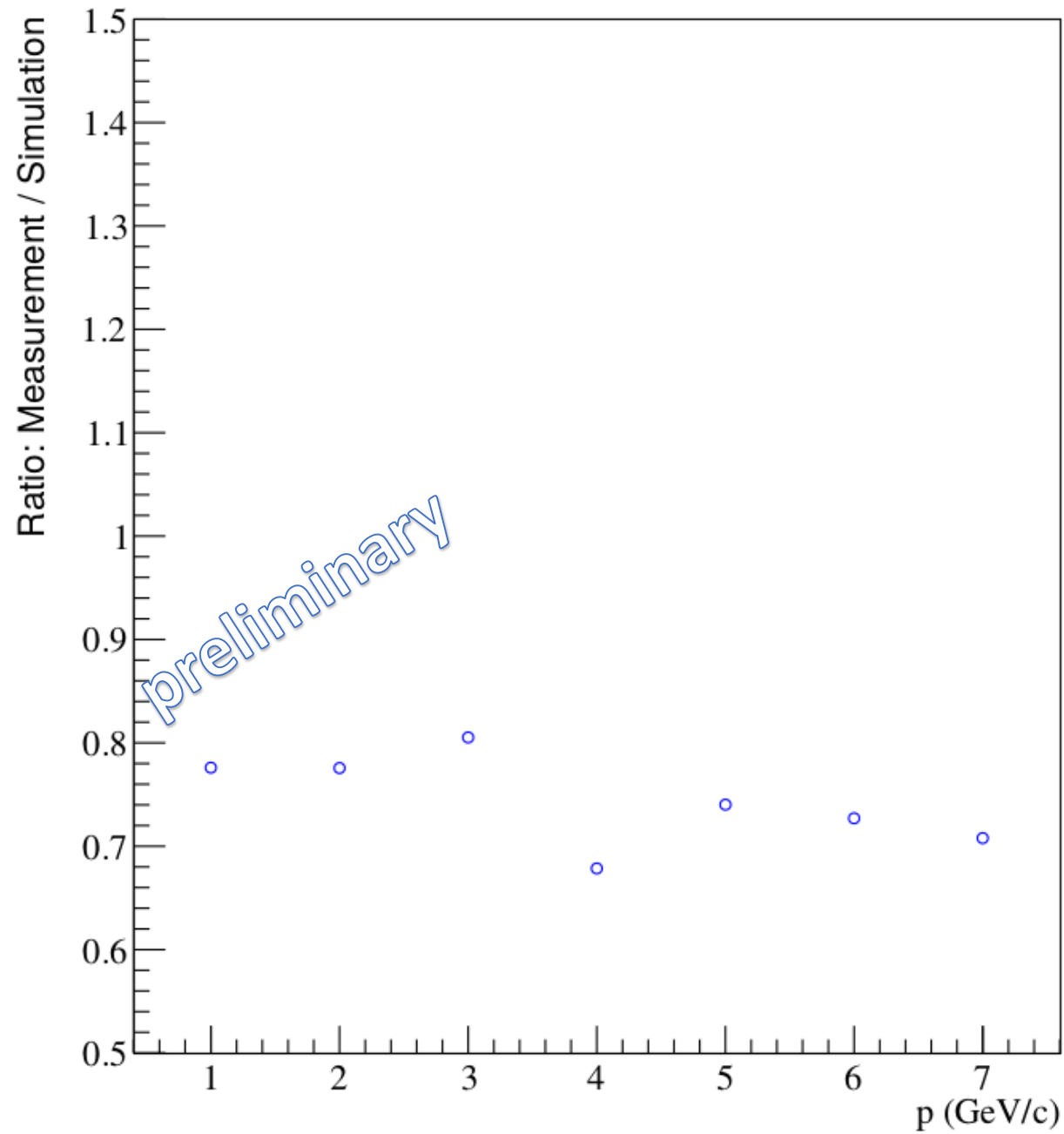
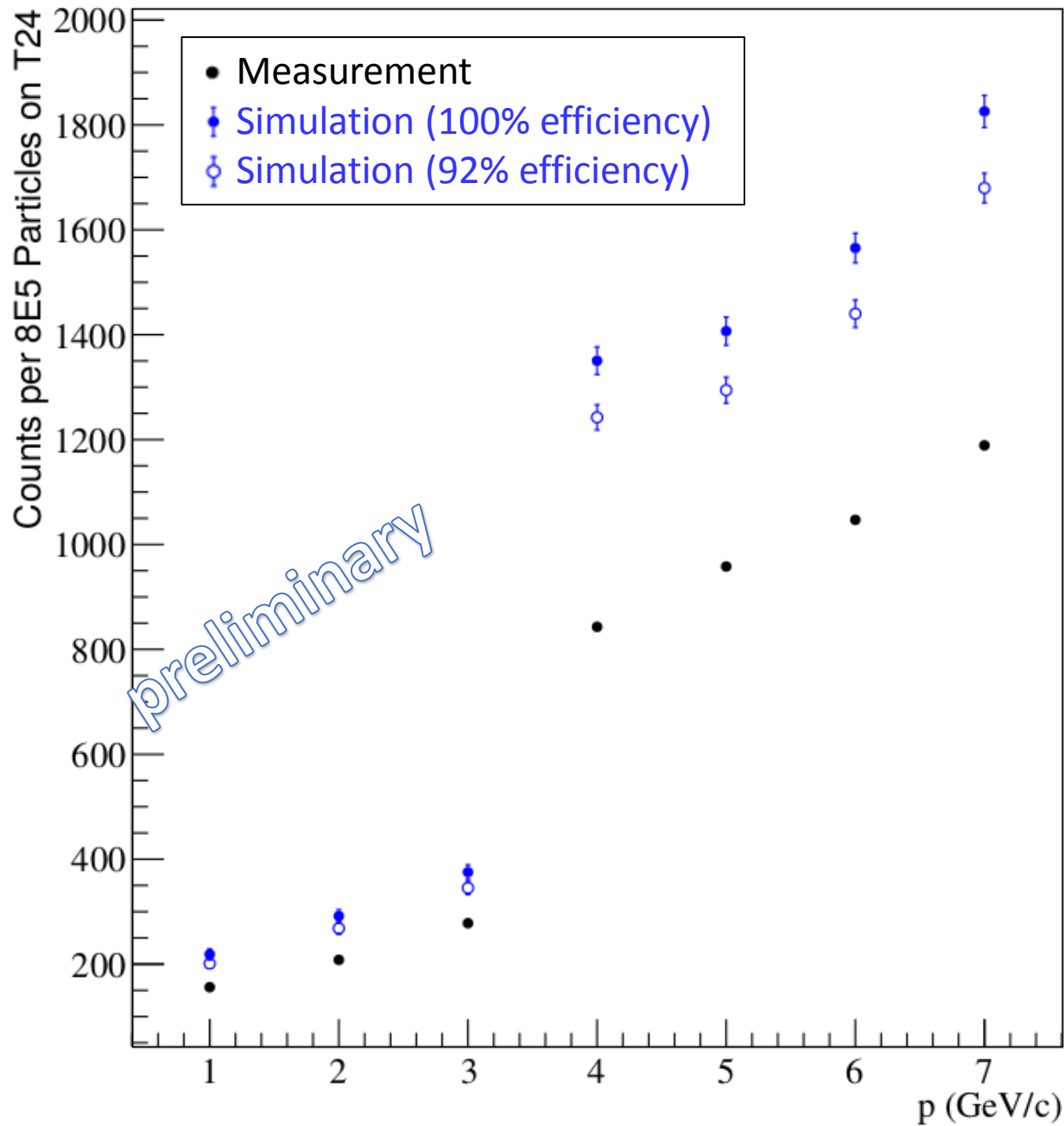
Comment: H4-HT-2018-np04 // 60 GeV secondary --> 7 GeV tertiary (HT Viola optics)



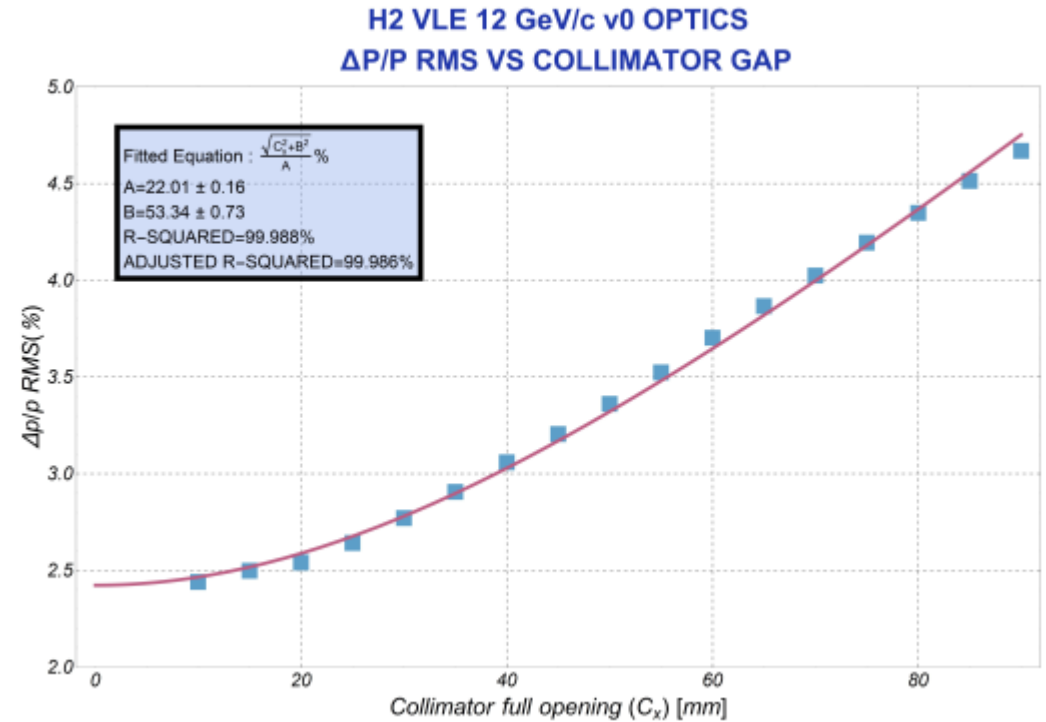
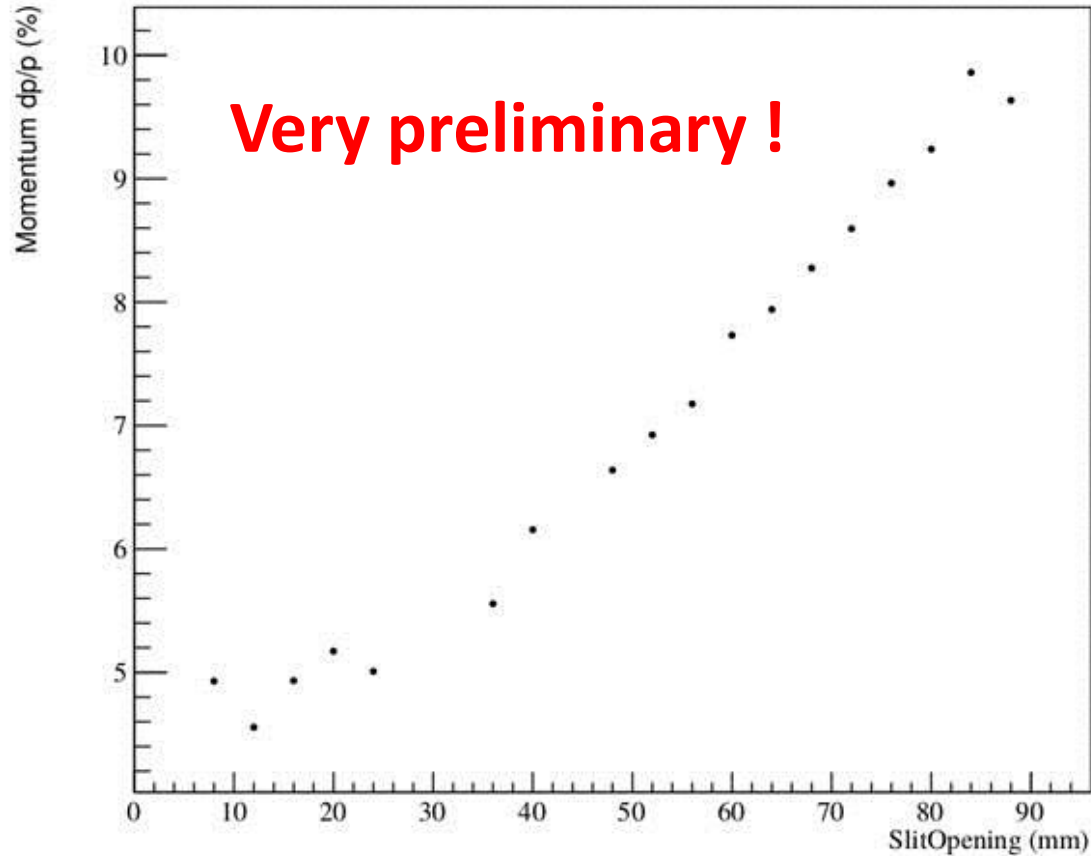
Store to e-logbook

Momentum Scan



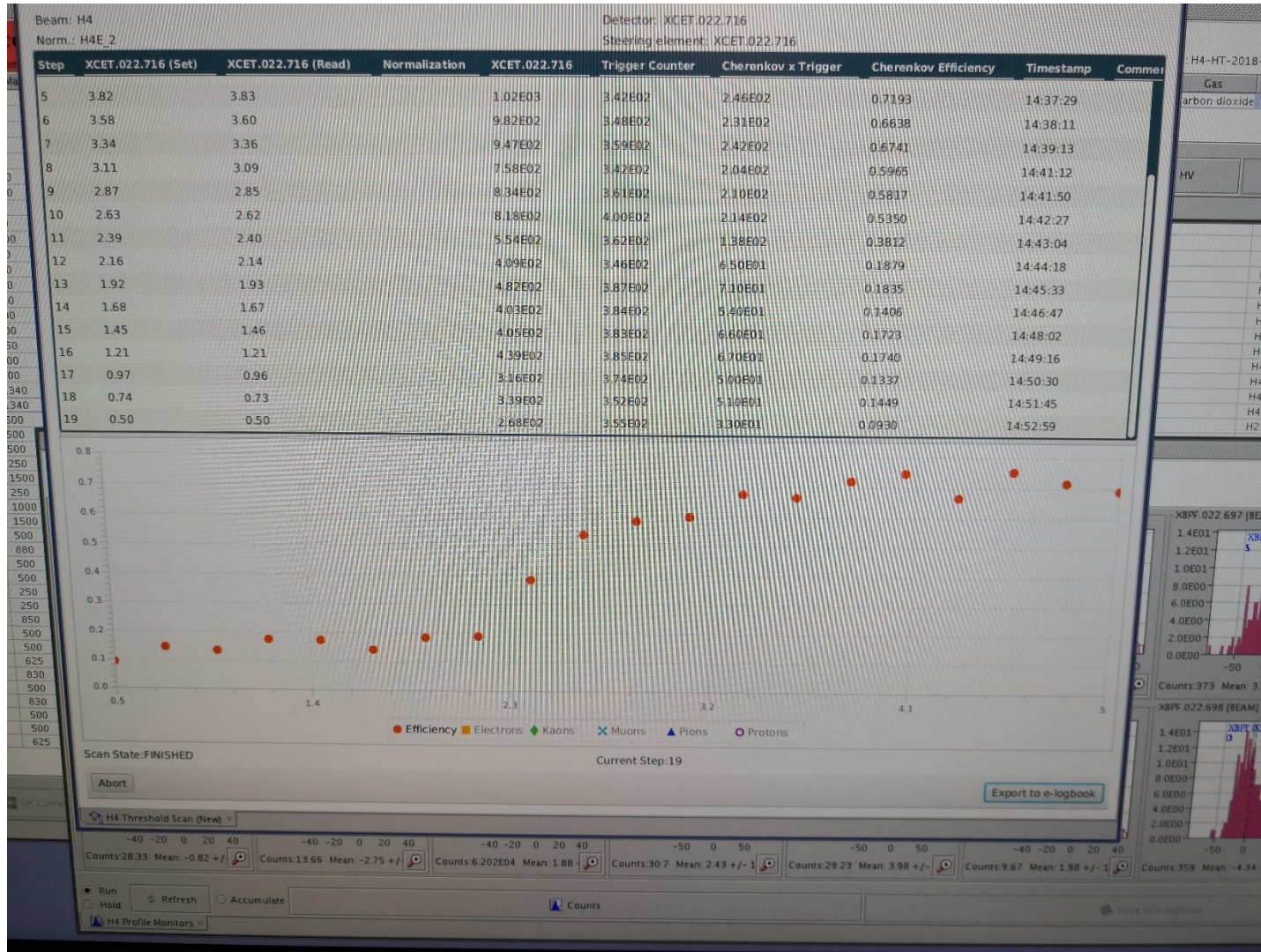


Collimator – Momentum selection



Simulation: For H2 !

Threshold Cherenkov – Preliminary results



Thanks to everybody for the efforts
during the first week of
H4-VLE commissioning & operation!