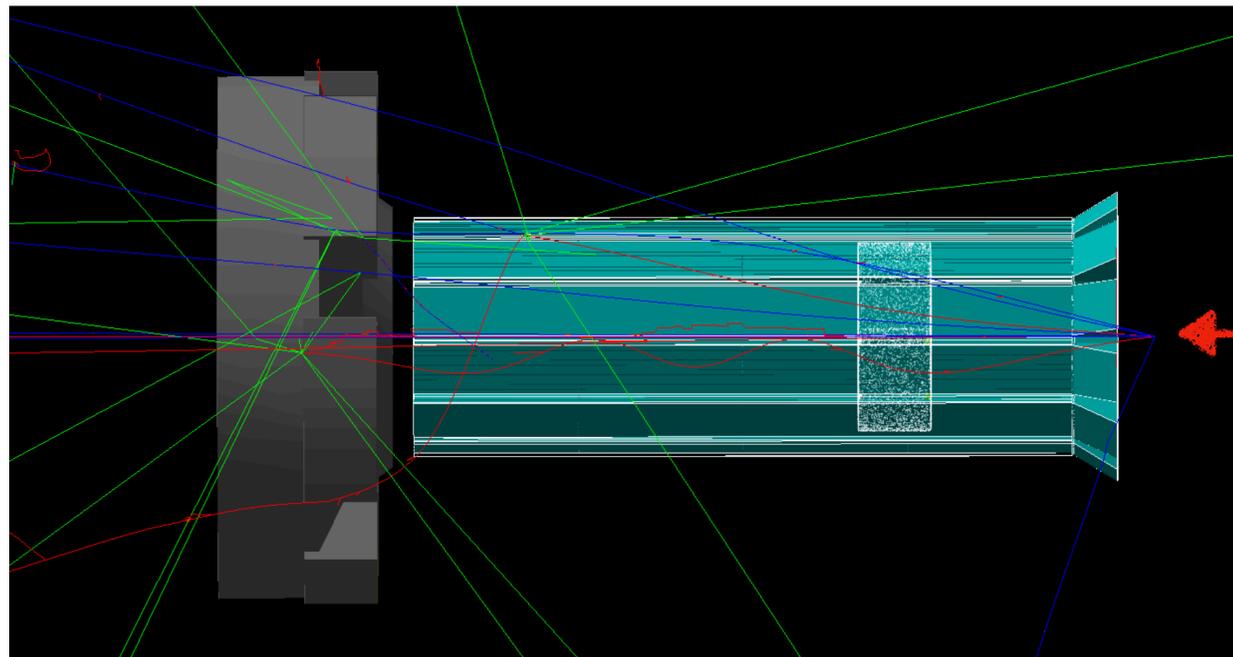


Fixed-target at ePIC

- Using an external generator HepMC file

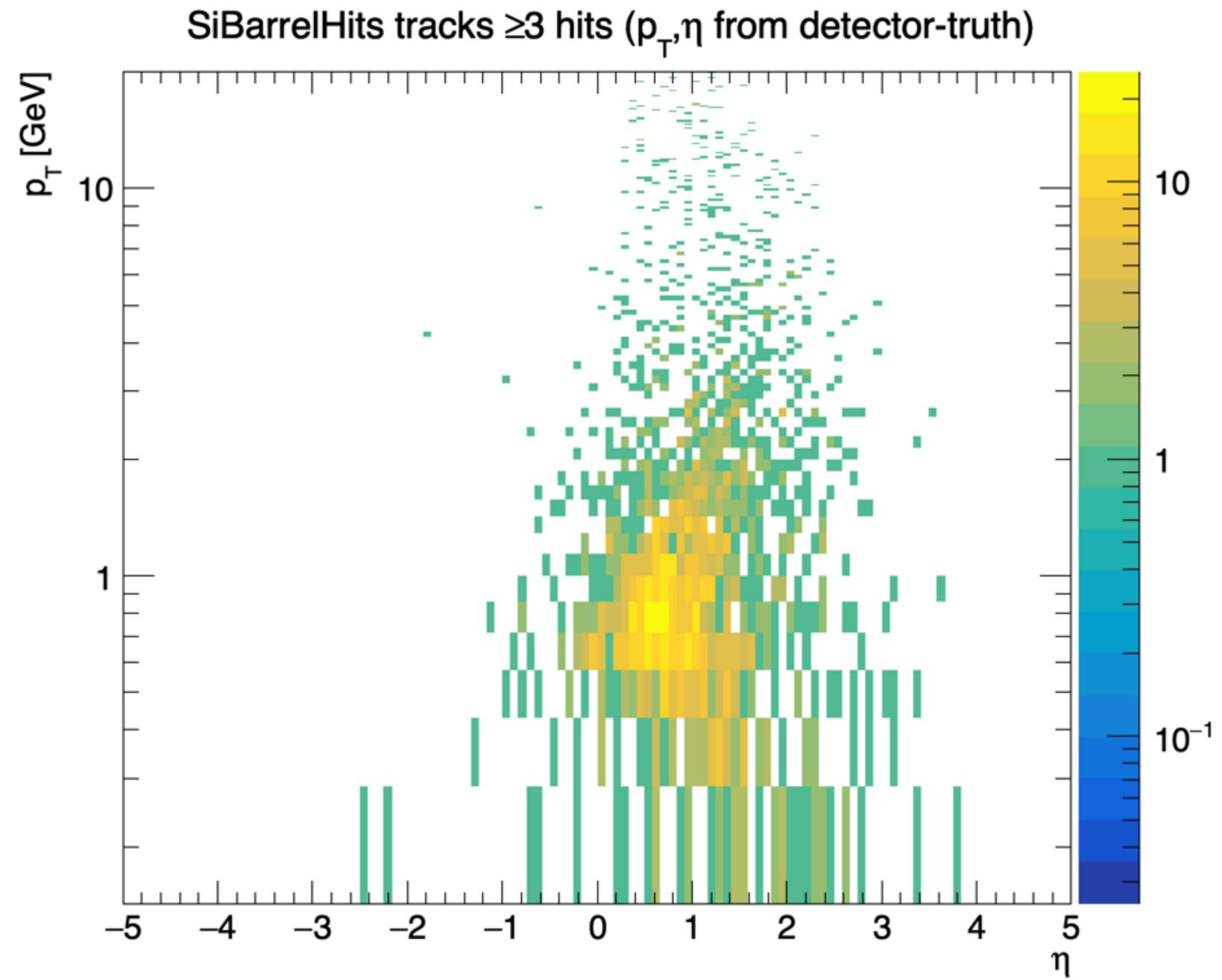
- Proton-proton simulations
- Beam energy 200 GeV (possible: proton 25 - 275 GeV - gold 10 - 110 GeV)
- Jpsi process



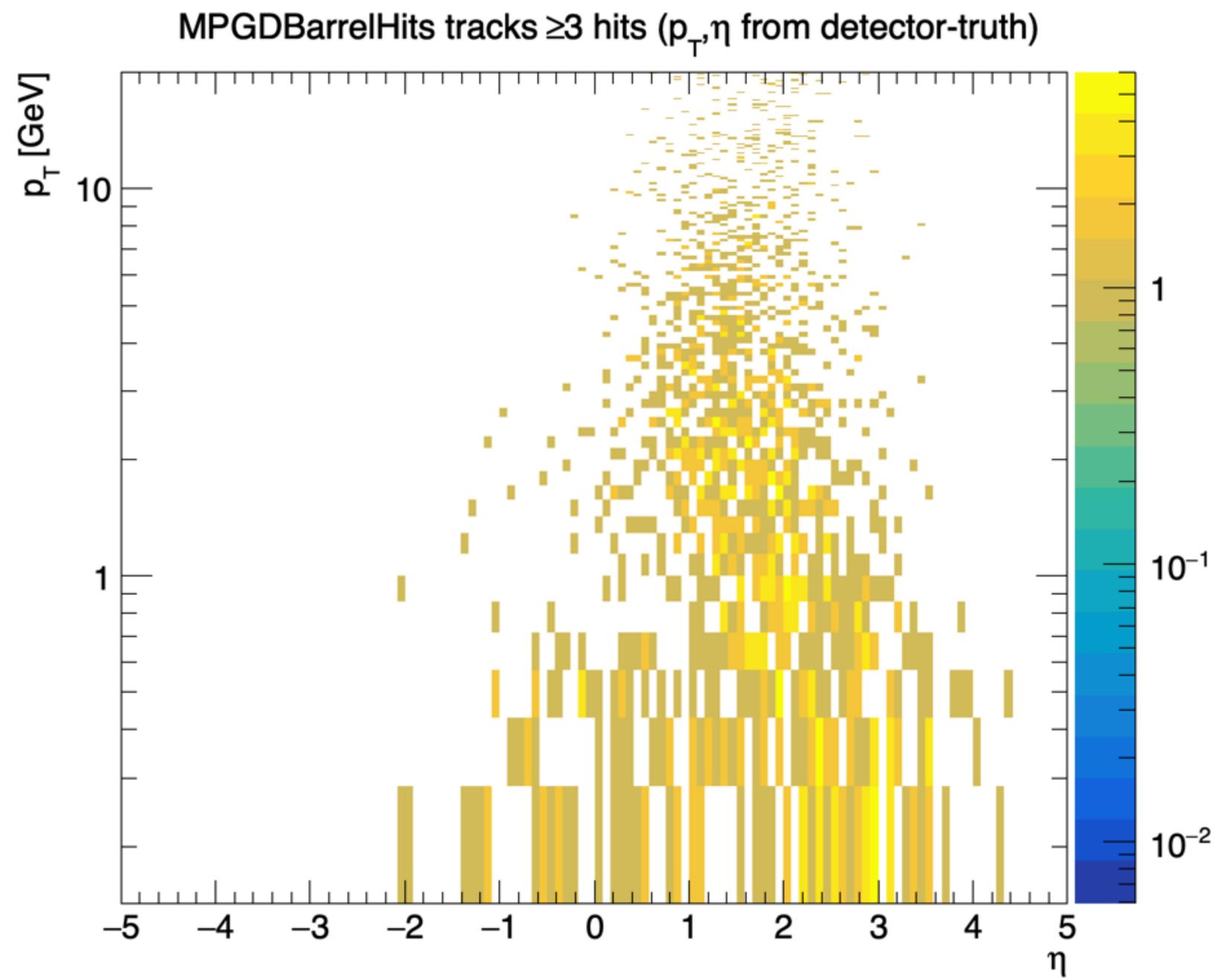
Target at - 3290 mm

*Using only PID detectors because the full ePIC setup crashes the visualization (only for the interactive mode).

SiBarrelHits

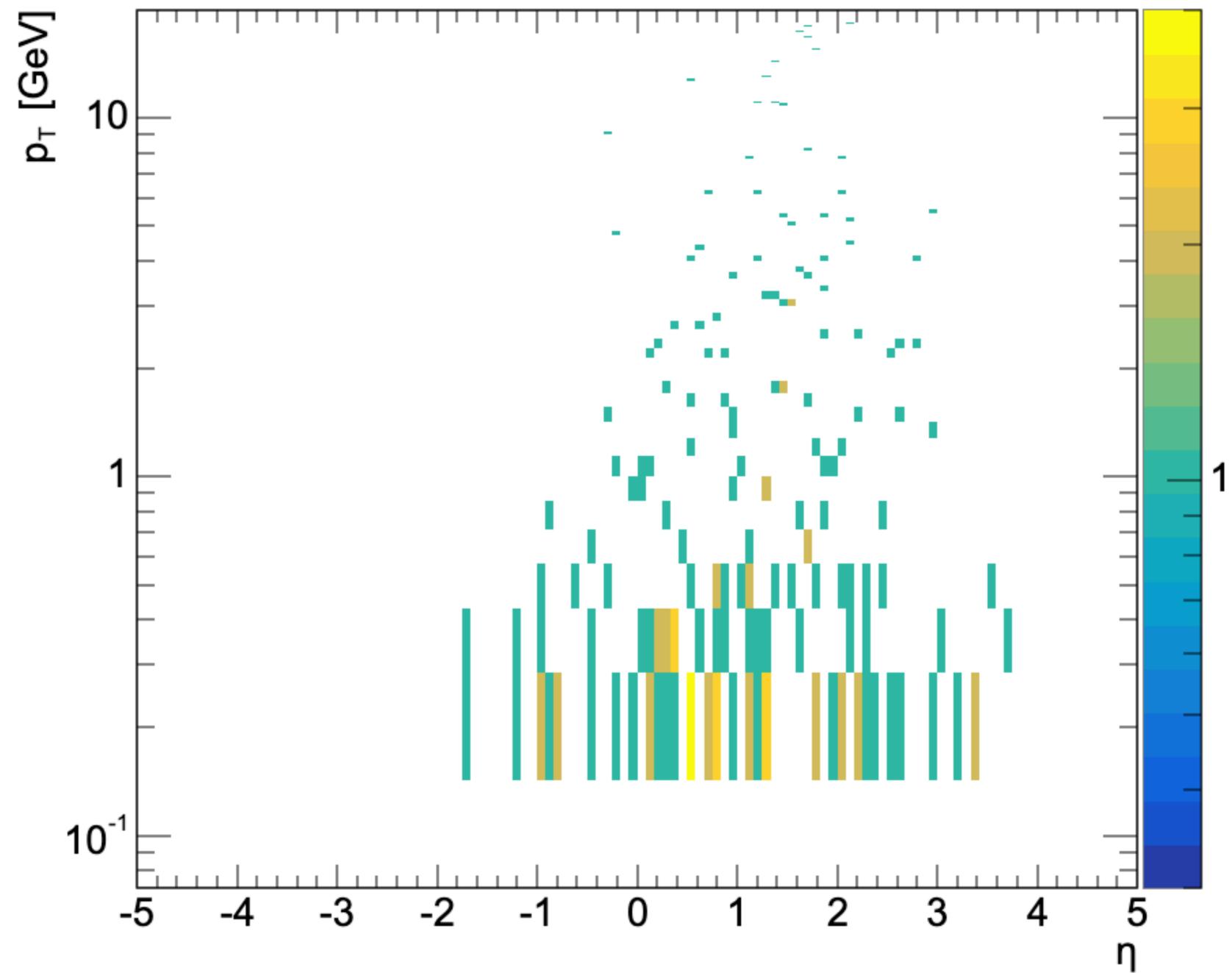


MPGDBarrelHits

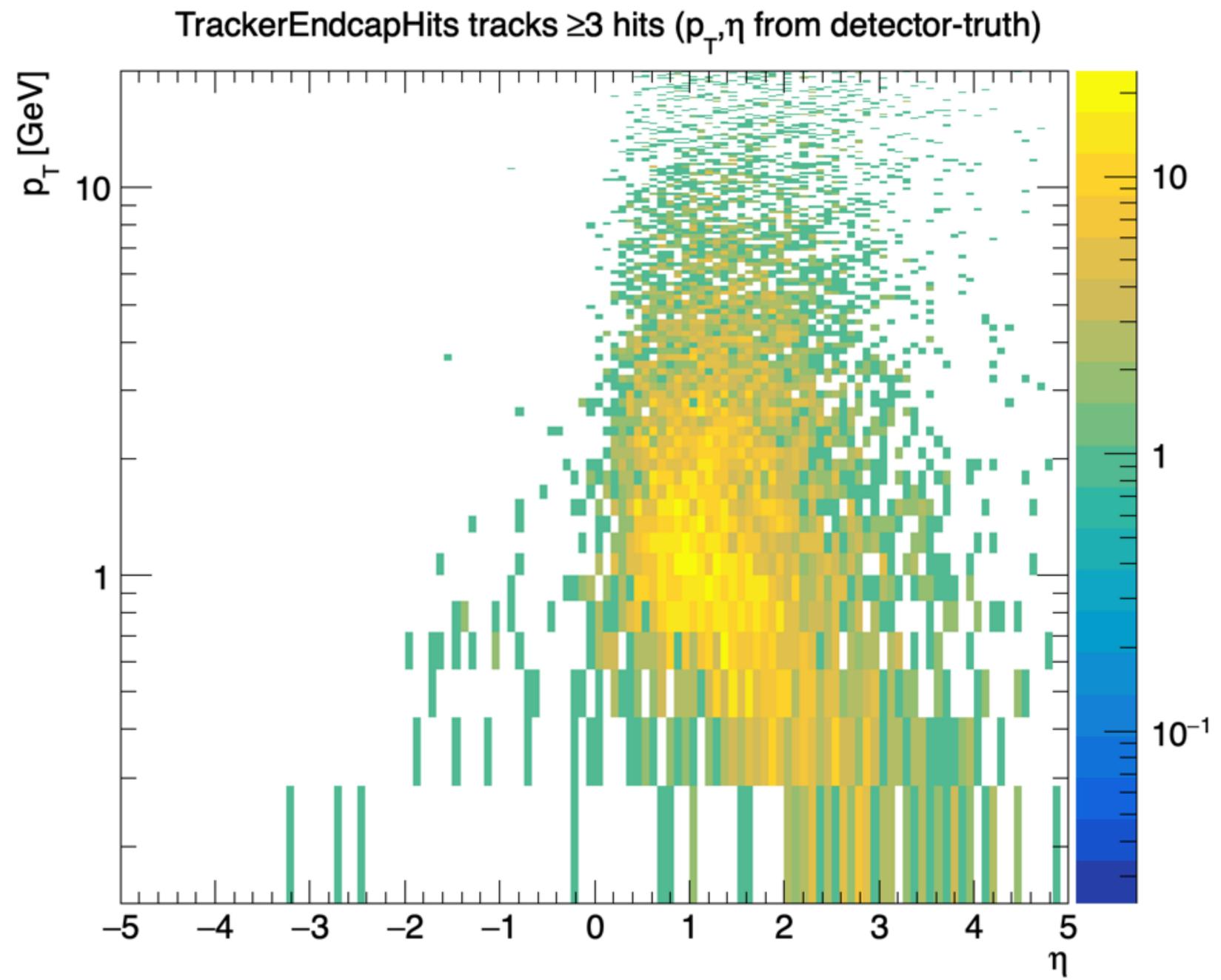


OuterMPGDBarrelHits

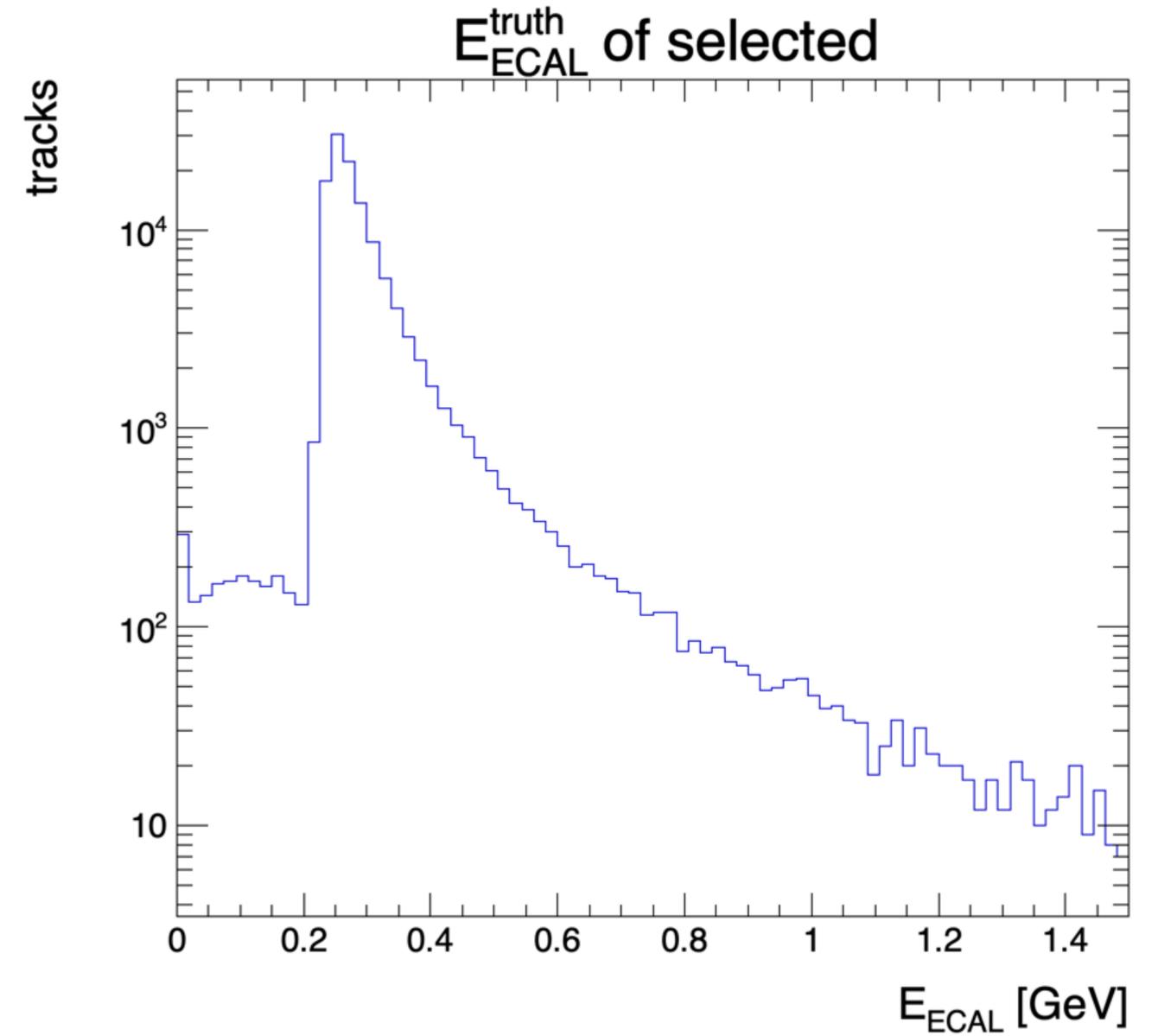
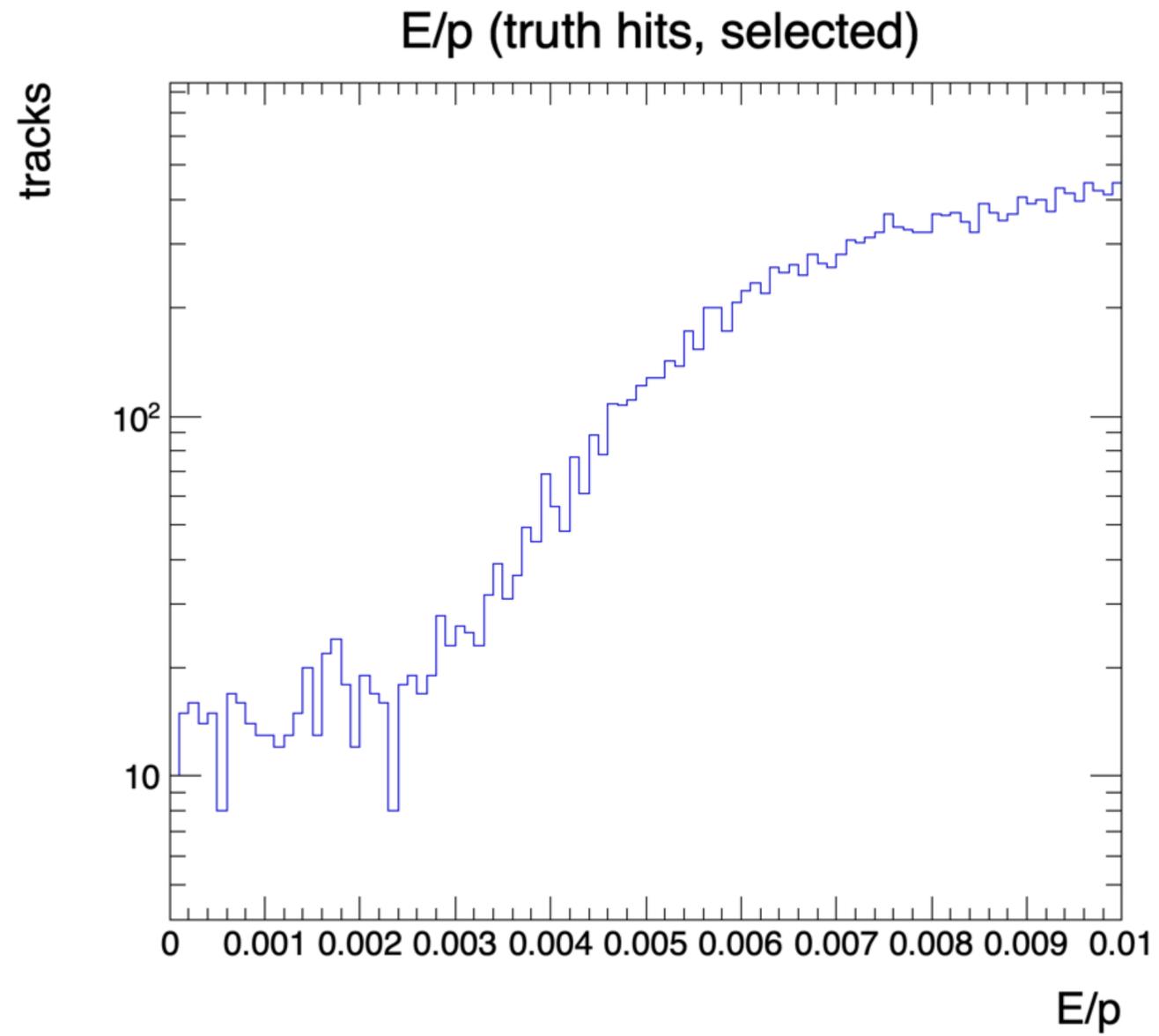
OuterMPGDBarrelHits tracks ≥ 3 hits (p_T, η from detector-truth)



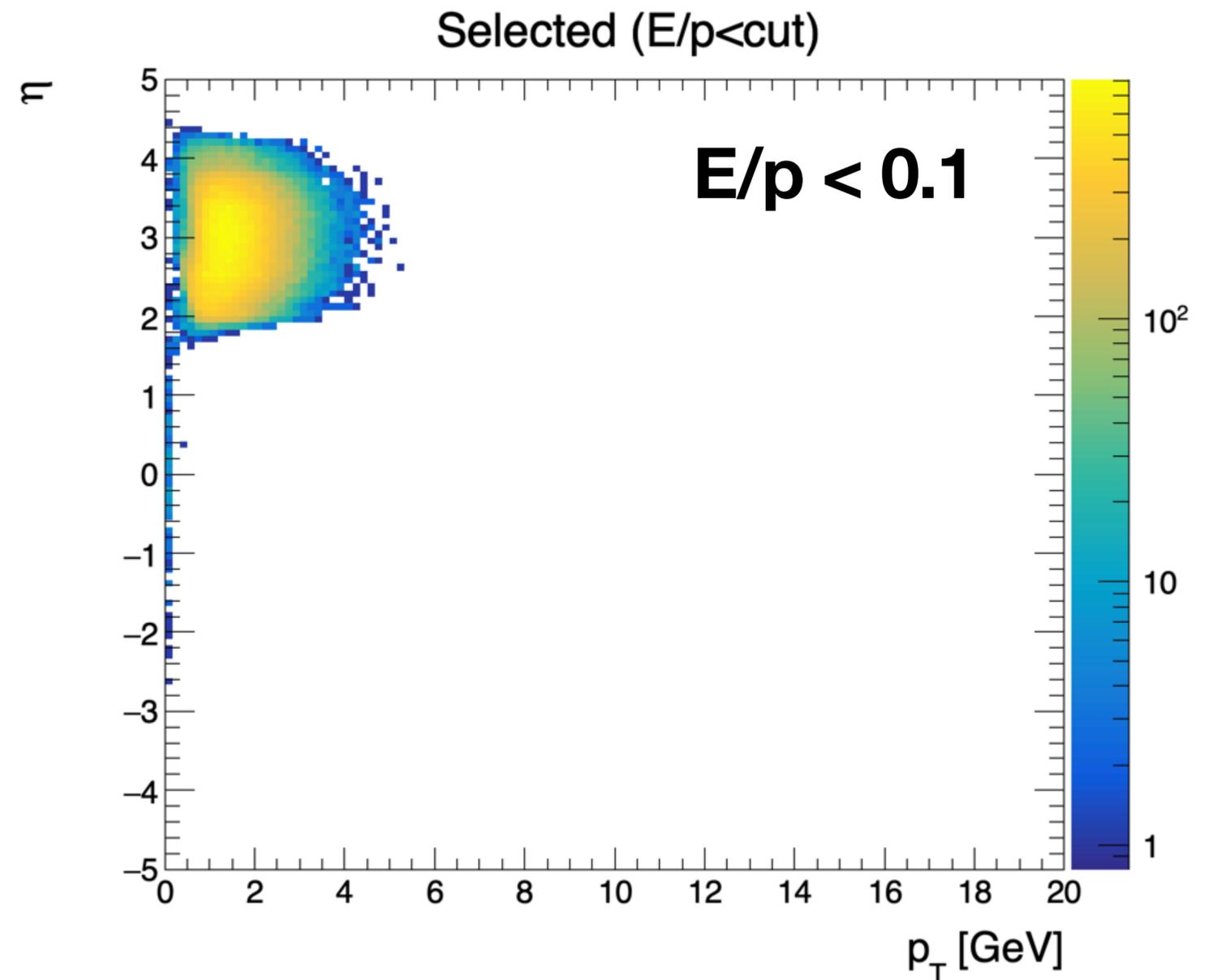
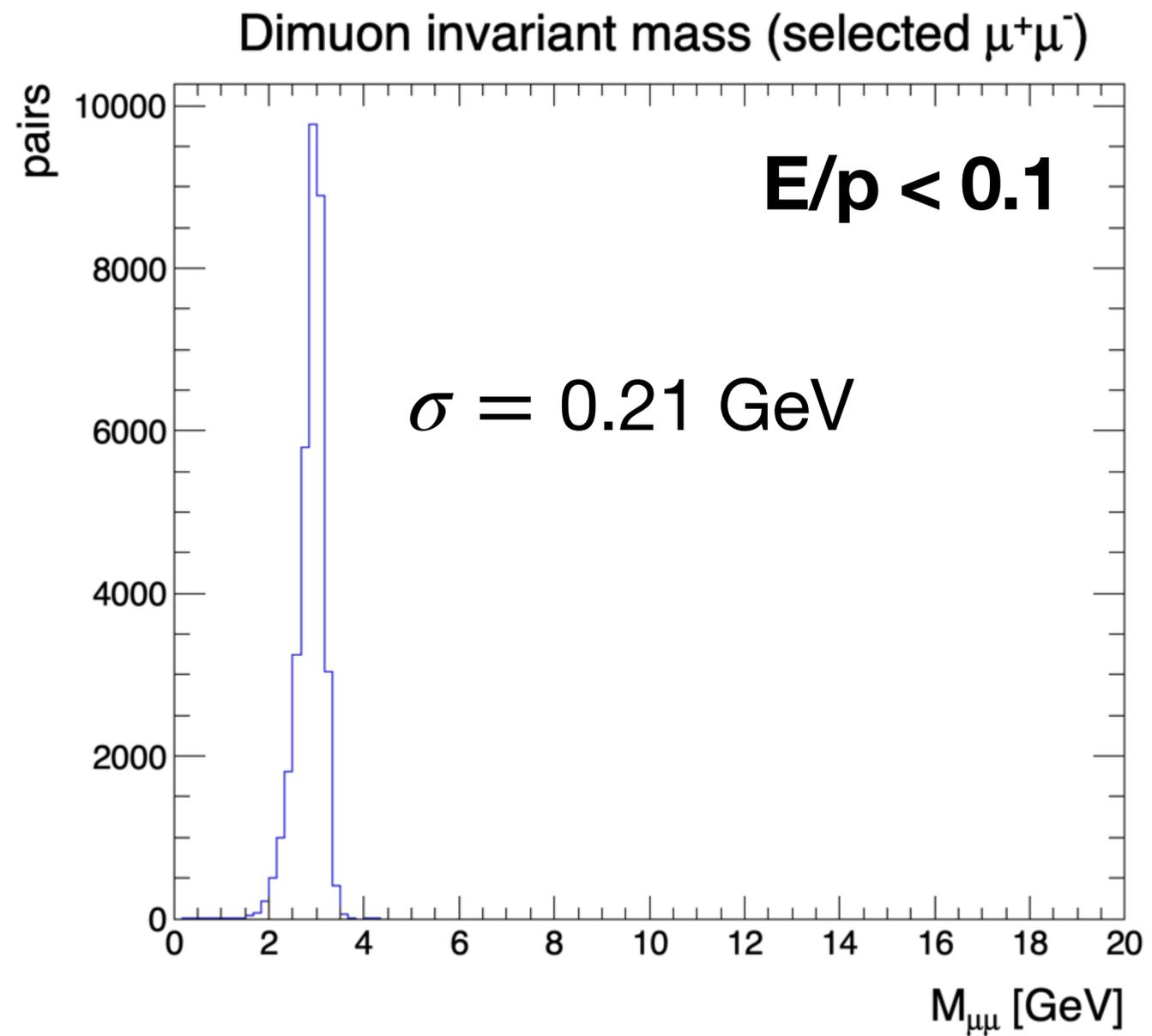
TrackerEndcapHits



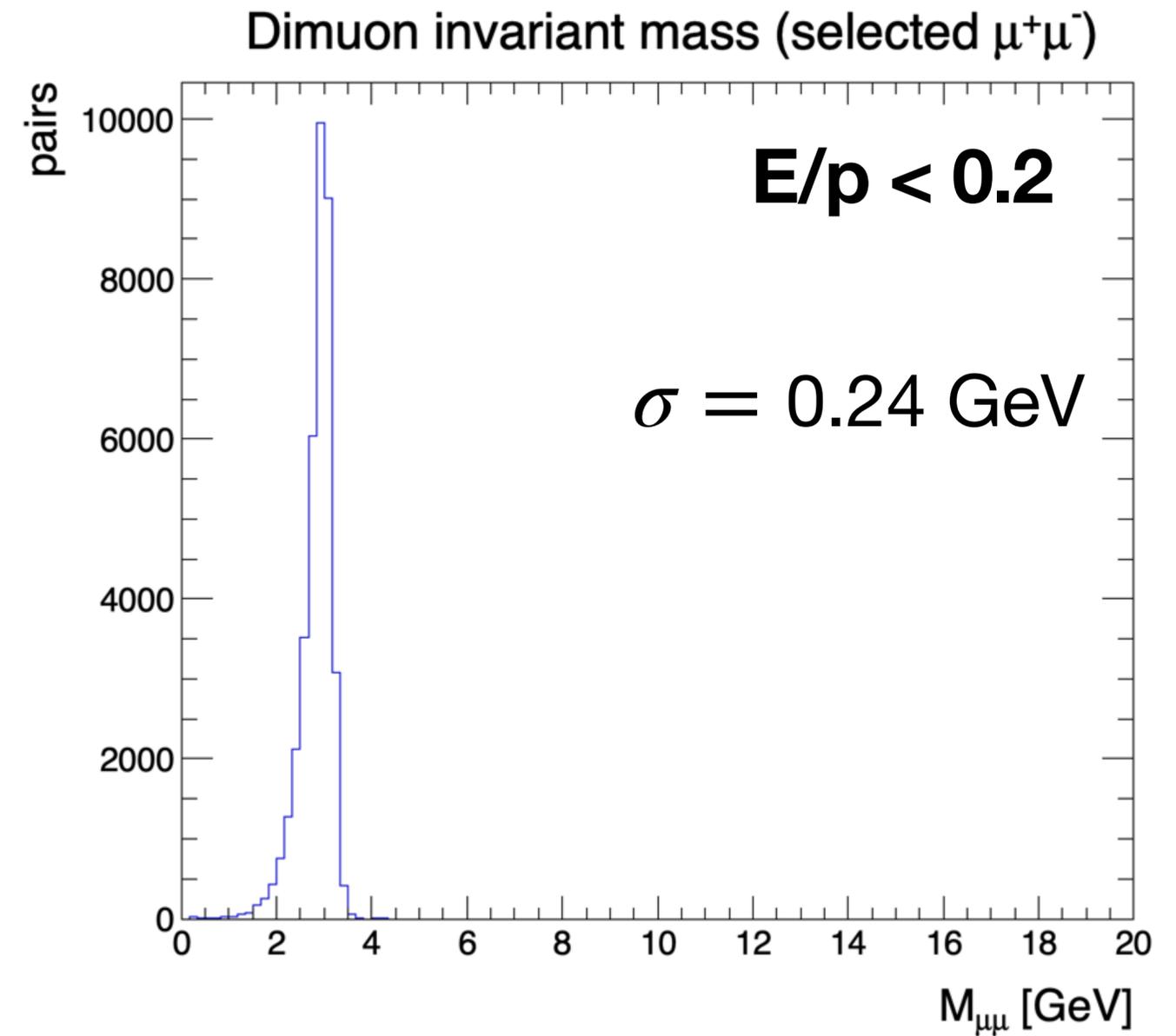
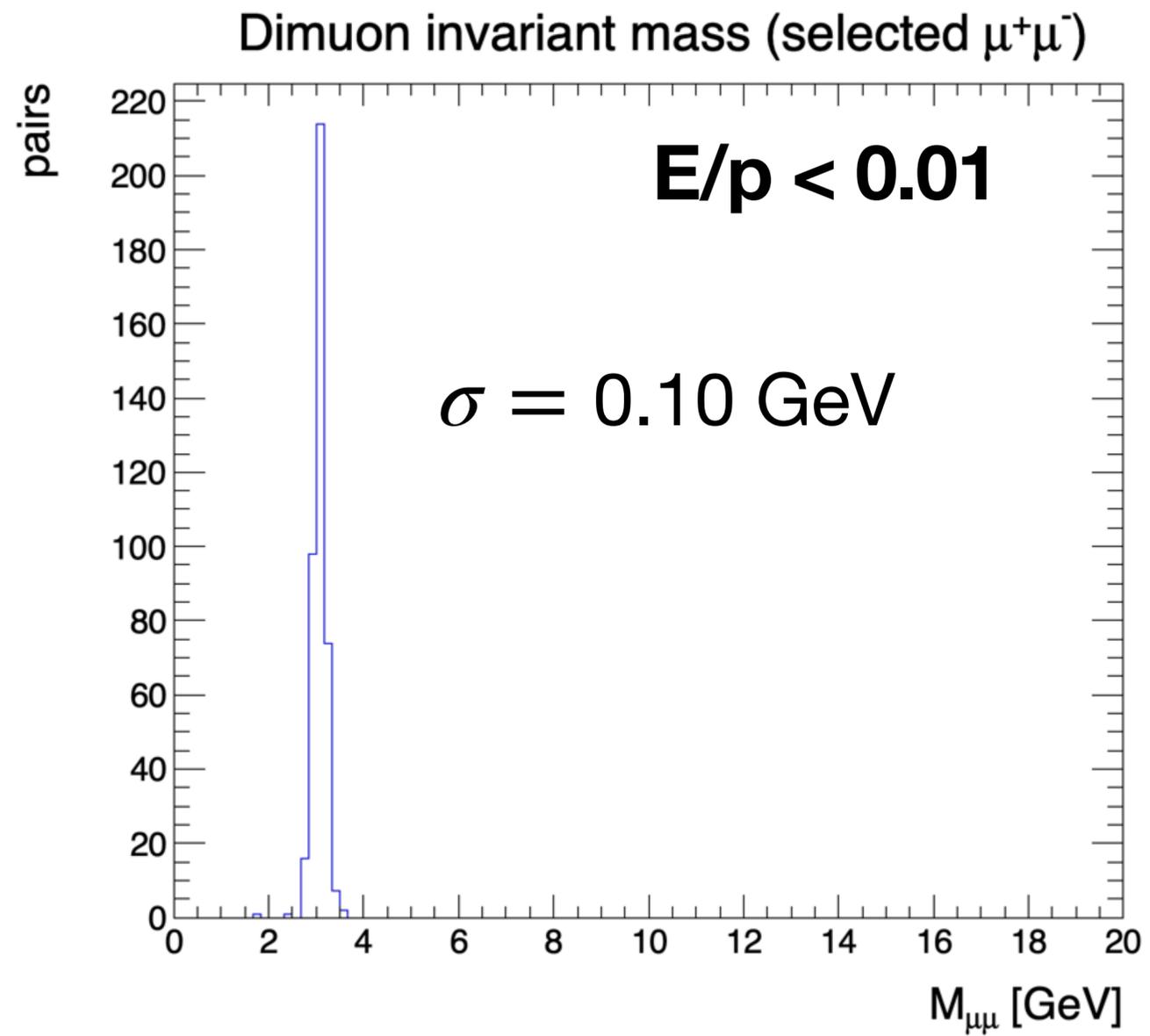
EcalEndcapPHits



EcalEndcapPHits



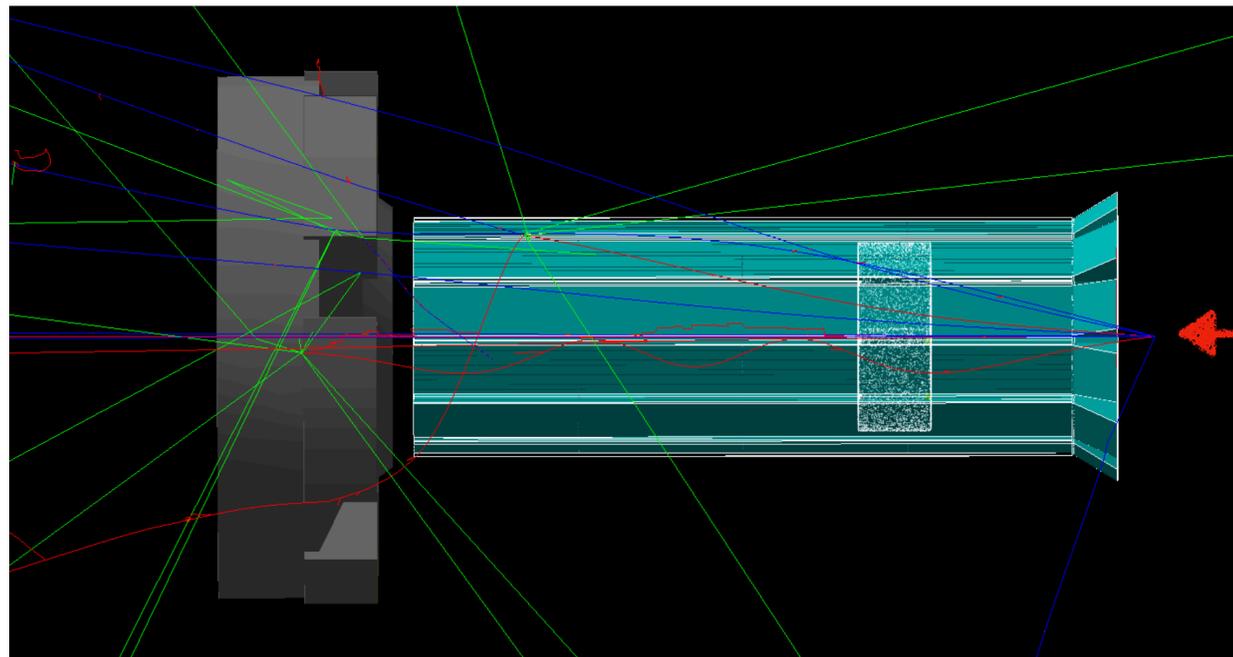
EcalEndcapPHits



Fixed-target at ePIC

- **Using an external generator HepMC file**

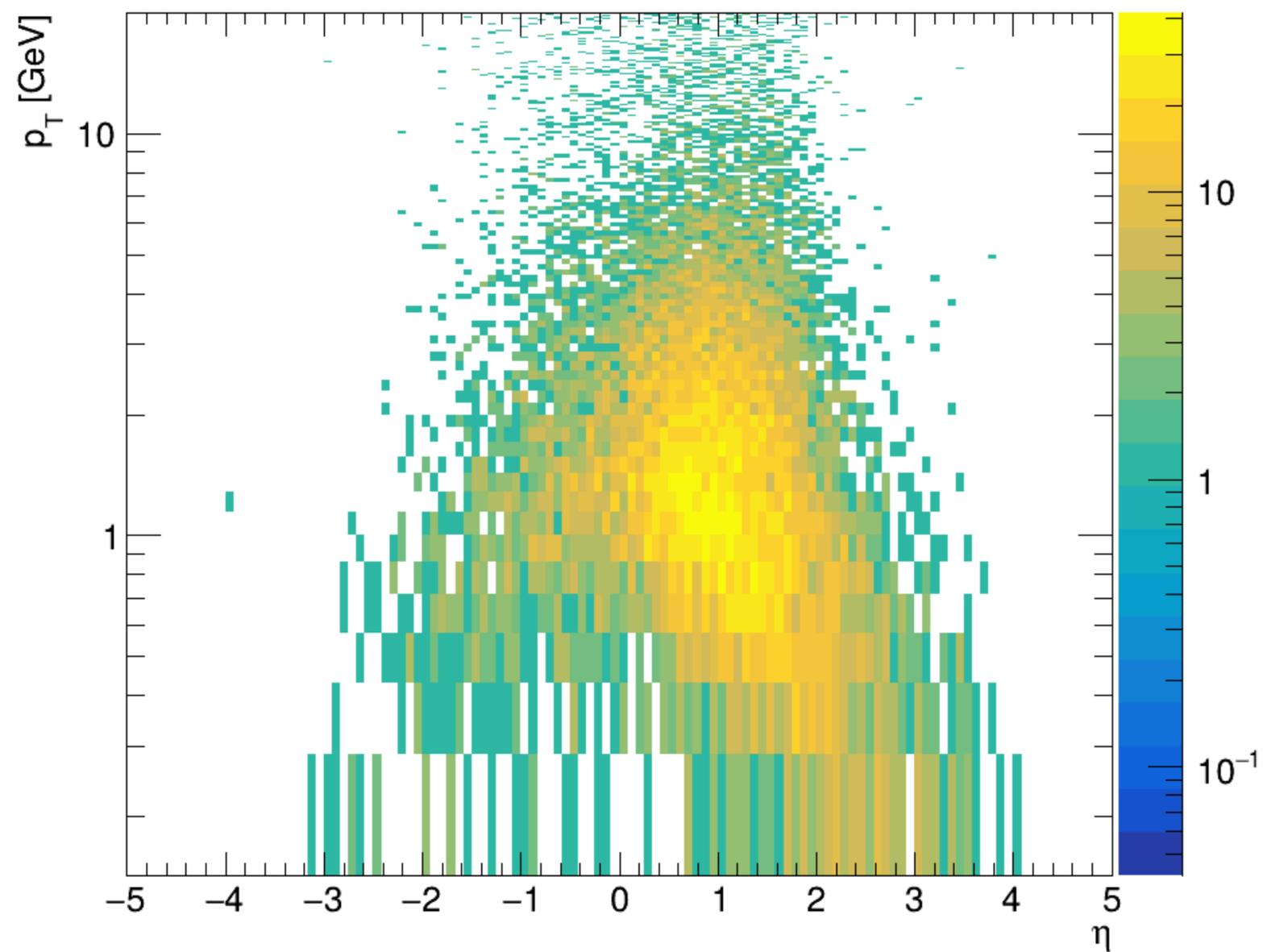
- Proton-proton simulations
- Beam energy 200 GeV (possible: proton 25 - 275 GeV - gold 10 - 110 GeV)
- **All Hard QCD processes**



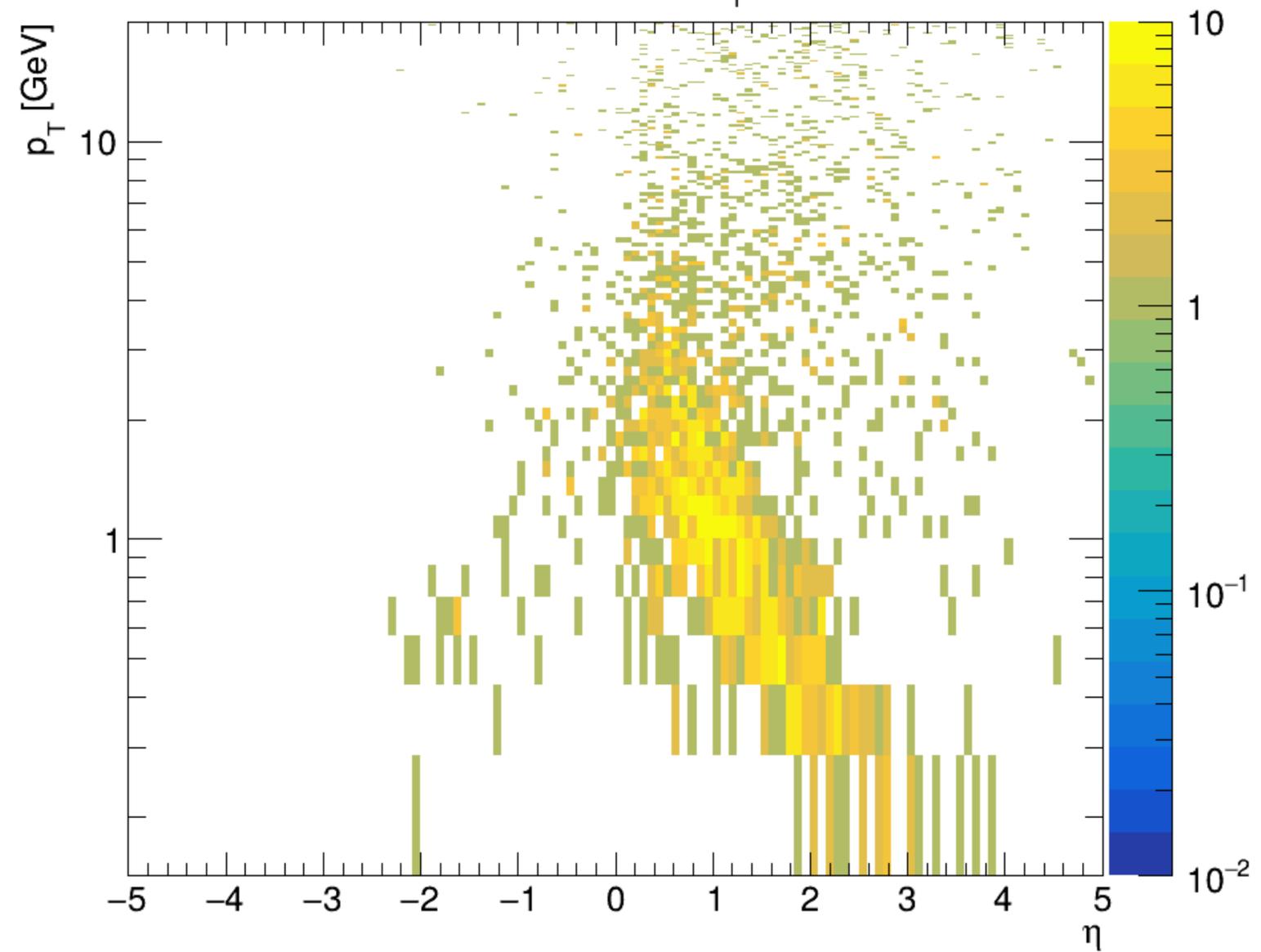
Target at - 3290 mm

*Using only PID detectors because the full ePIC setup crashes the visualization (only for the interactive mode).

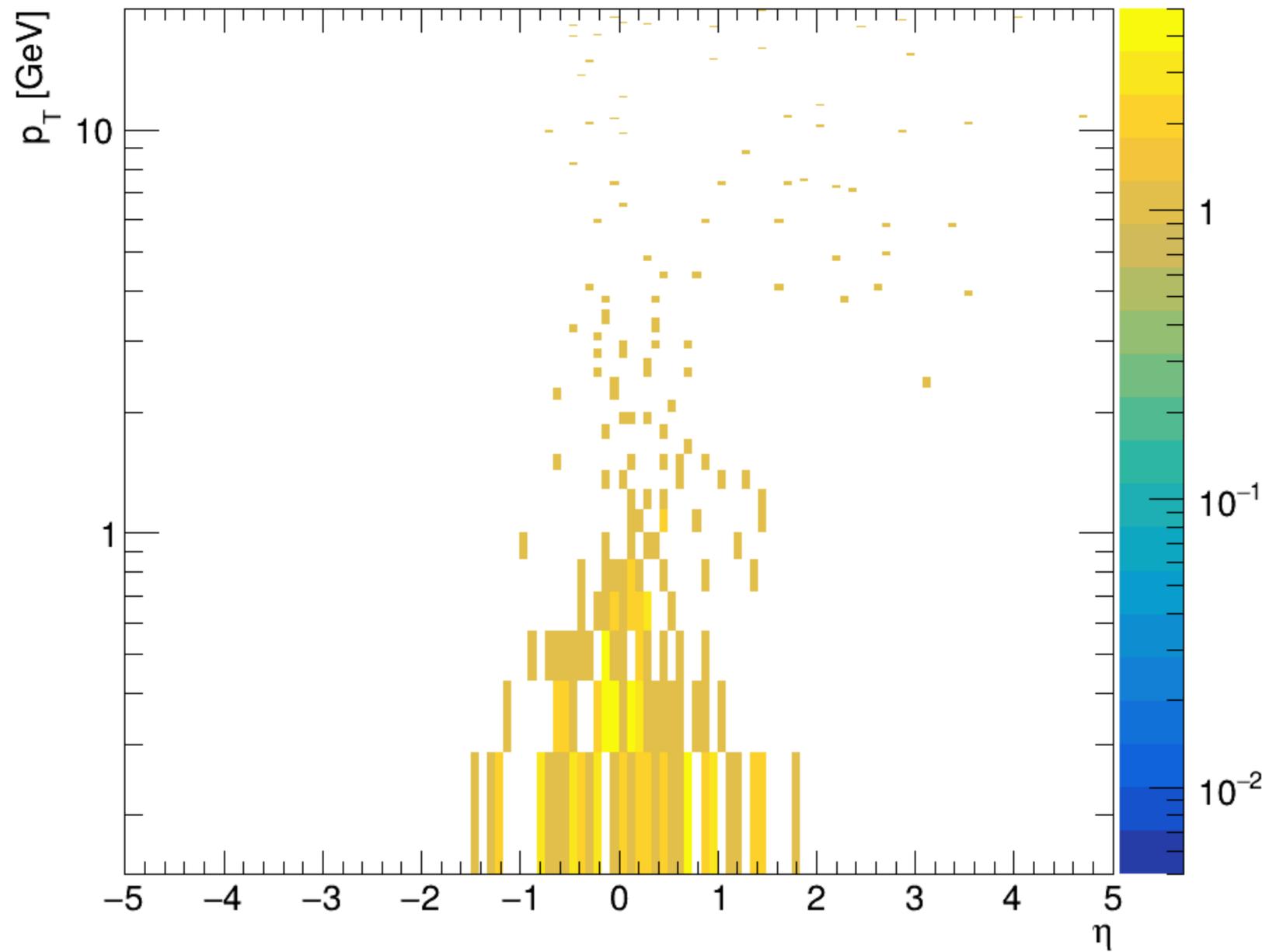
TOFBarrelHits tracks ≥ 4 hits (p_T, η from detector-truth)



TrackerEndcapHits tracks ≥ 4 hits (p_T, η from detector-truth)



ForwardMPGDEndcapHits tracks ≥ 4 hits (p_T, η from detector-truth)



MPGDBarrelHits tracks ≥ 4 hits (p_T, η from detector-truth)

