

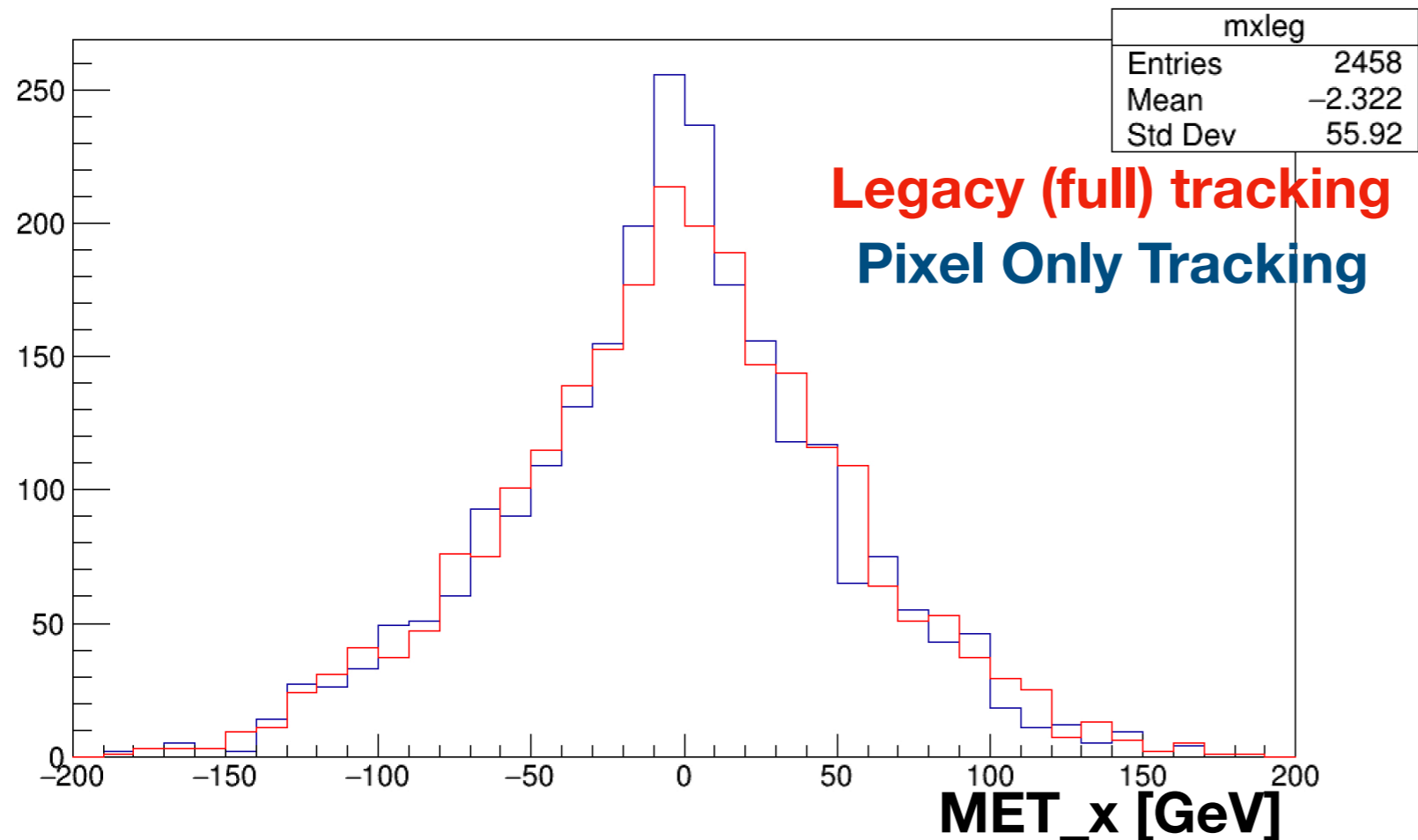
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- **ParticleFlow Paper:**
 - ▶ <https://arxiv.org/pdf/1706.04965.pdf>
- **Google doc, documenting changes:**
 - ▶ <https://docs.google.com/document/d/19t-fwvKuKEpA4Bjq94pnr3uRMax8bVbN6t1KLg2-M60/edit?usp=sharing>
- **Forked HLTrigger repository:**
 - ▶ <https://github.com/jsalfeld/cmssw/tree/master/HLTrigger/Configuration/test>
- **Filtered out PFScouting sequence, produced legacy and pixel-only version**
- **Overall timing:**
 - ▶ **Sample: /data/user/jsalfeld/CMSSW1100pre7DATA/RelValZMM_13PU25ns_110X_upgrade2018_realistic_v4-v1**
 - ▶ **Pixel Only PF Sequence: 546ms**
 - ▶ **Full tracking: 1034ms**
- **Leading modules: “hltParticleFlowRecHitHBHE”, “hltHbhereco”, “hltTowerMakerForAll”, “hltParticleFlowRecHitHBHEForMuons”**

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- **Full vs pixel only tracking**

▶ **Quick analyser is set up**



▶ **Not much difference in MET, will check for additional quantities to check performance**

- **Will learn tomorrow how to run PataTracks and make comparison**