

Jet/MET/HLTCalo shift report

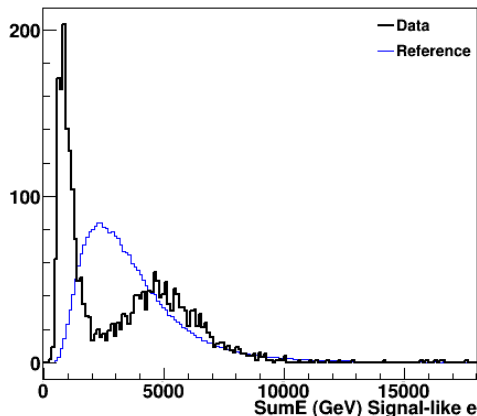
Ricardo Gonalo – LIP

Jet trigger weekly meeting – 26/9/2016

Summary:

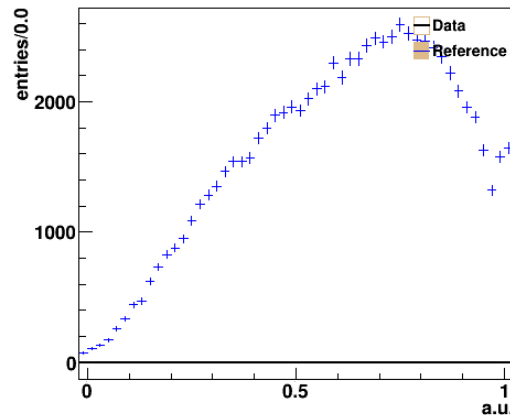
- Quiet week:
- Mostly ALFA runs with no jet chains running:
 - <https://its.cern.ch/jira/browse/ATR-15092> (308979 308982 309010 309039 309074 and 309165)
 - BULK signoff missing - coming soon
 - <https://its.cern.ch/jira/browse/ATR-15107> (309074 and 309165)
- More standard runs starting only Sunday (1200 bunches not yet checked – tomorrow):
 - <https://its.cern.ch/jira/browse/ATR-15120> (309314 - 300 bunches; and 309346 – 600 bunches)
- Run 309311 is unusual:
 - <https://its.cern.ch/jira/browse/ATR-15118>
 - From LBs 166 to 310, both Jet and MET chains are used in these keys:
 - <https://atlas-trigconf.cern.ch/run2/smkey/2440/l1key/11151/hltkey/8278/>
 - But only MET histos are filled (look ok with some differences wrt the reference, e.g.):
 - https://atlasdqm.cern.ch/webdisplay/tier0/1/express_express/run_309311/run/HLT/TRMET/Expert/HLT/mht/
 - https://atlasdqm.cern.ch/webdisplay/tier0/1/express_express/run_309311/run/HLT/TRMET/Shifter/HLT/HLT_SumE_e
 - Reason is L1Calo was in low-mu settings and so L1 menu is unusual – will change in 1200 bunch run

HLT Sum |E|



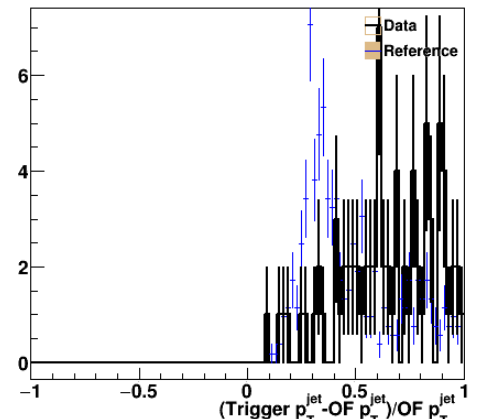
Run 309311, 1/express_express
/HLT/TRMET/Shifter/HLT/HLT_SumE_e

emfrac



Run 309311, 1/express_express
/HLT/TRJET/SHIFTER/HLT/j25/HLTJet_emfrac@Shifter

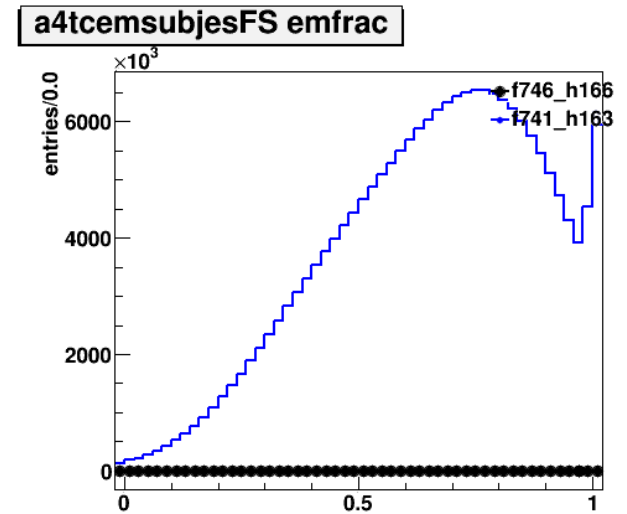
a4tcmsubjesFS : j25_320eta490 Resolution w.r.t AntiK4EMTopoJets



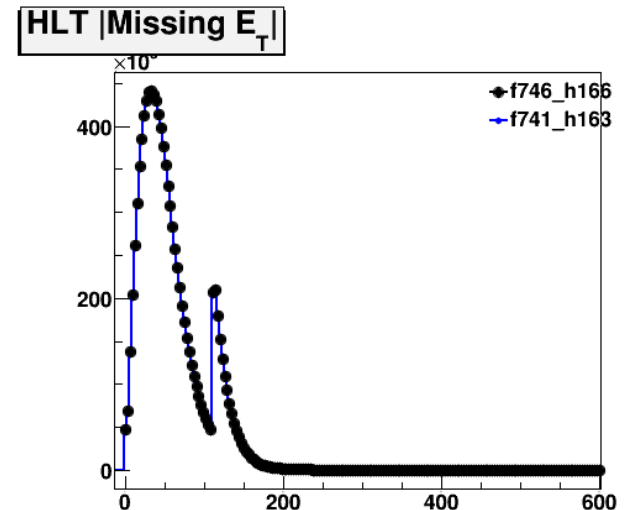
Run 309311, 1/express_express
/HLT/TRJET/SHIFTER/HLT/j25_320eta490/j25_320eta490_Resolution_pt@Shifter

Reprocessing tests

- Request from DataQuality to check a new release to be deployed at Tier 0
- The objective is to compare between release 20.7.7 (tag f741) and 20.7.8 (tag f746).
 - Jet triggers not running in menu
 - MET looks fine
 - <https://its.cern.ch/jira/browse/ATR-15112>
- HLT reprocessing to test MC_HI_v4 in 20.11.1.5.1 AtlasCAFHLT for p-Pb
 - <https://its.cern.ch/jira/browse/ATR-15070>
 - Reprocessing in progress



f746_h166
/run_307710/HLT/JetMon/HLT/a4tcemsubjesFS/HLTJet_emfrac



f746_h166
/run_307710/HLT/METMon/Shifter/HLT/HLT_MET