

HLT Timing Summary ¹

Main Info + HLT_QuadJet75_55_35_20_BTagIP_VBF_v7 info

CMS Experiment

September 24, 2013

¹Documentation at <https://twiki.cern.ch/twiki/bin/view/CMS/SWGuideHLTTimingSummary>

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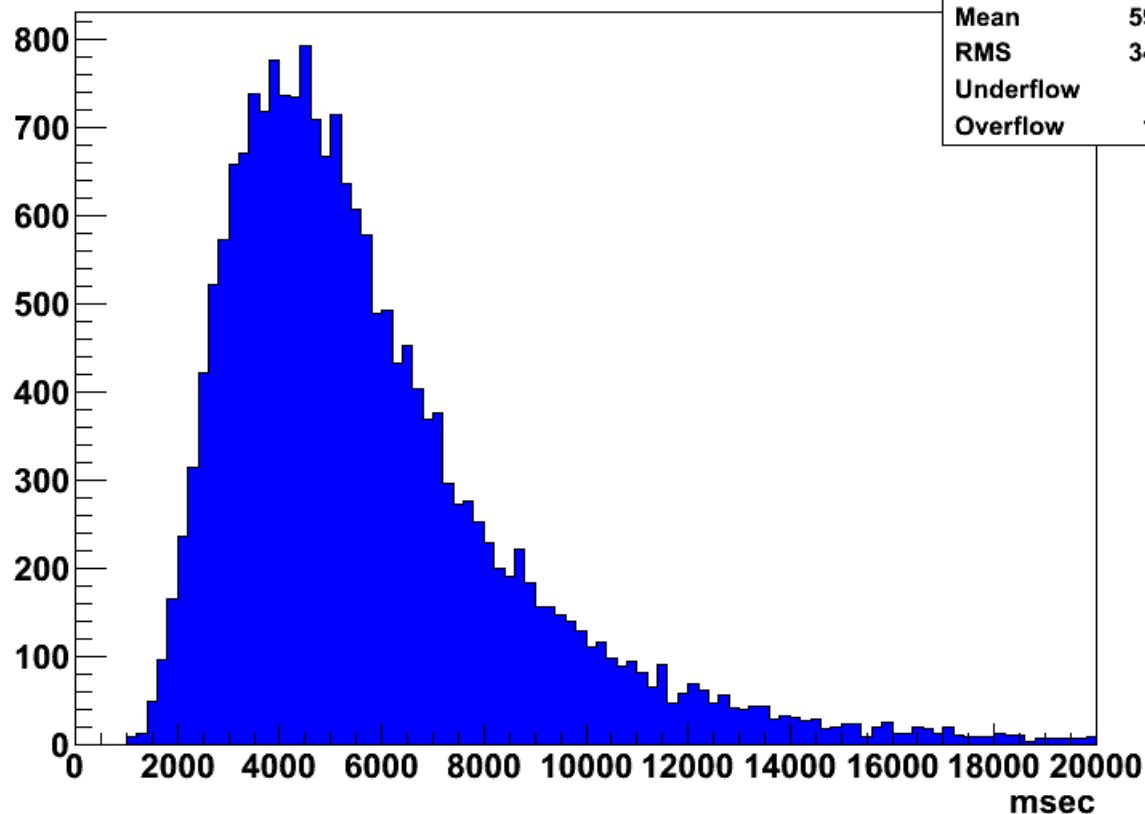
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Chapter 1

Main Info

1.1 Total time for all modules per event

Total time for all modules per event

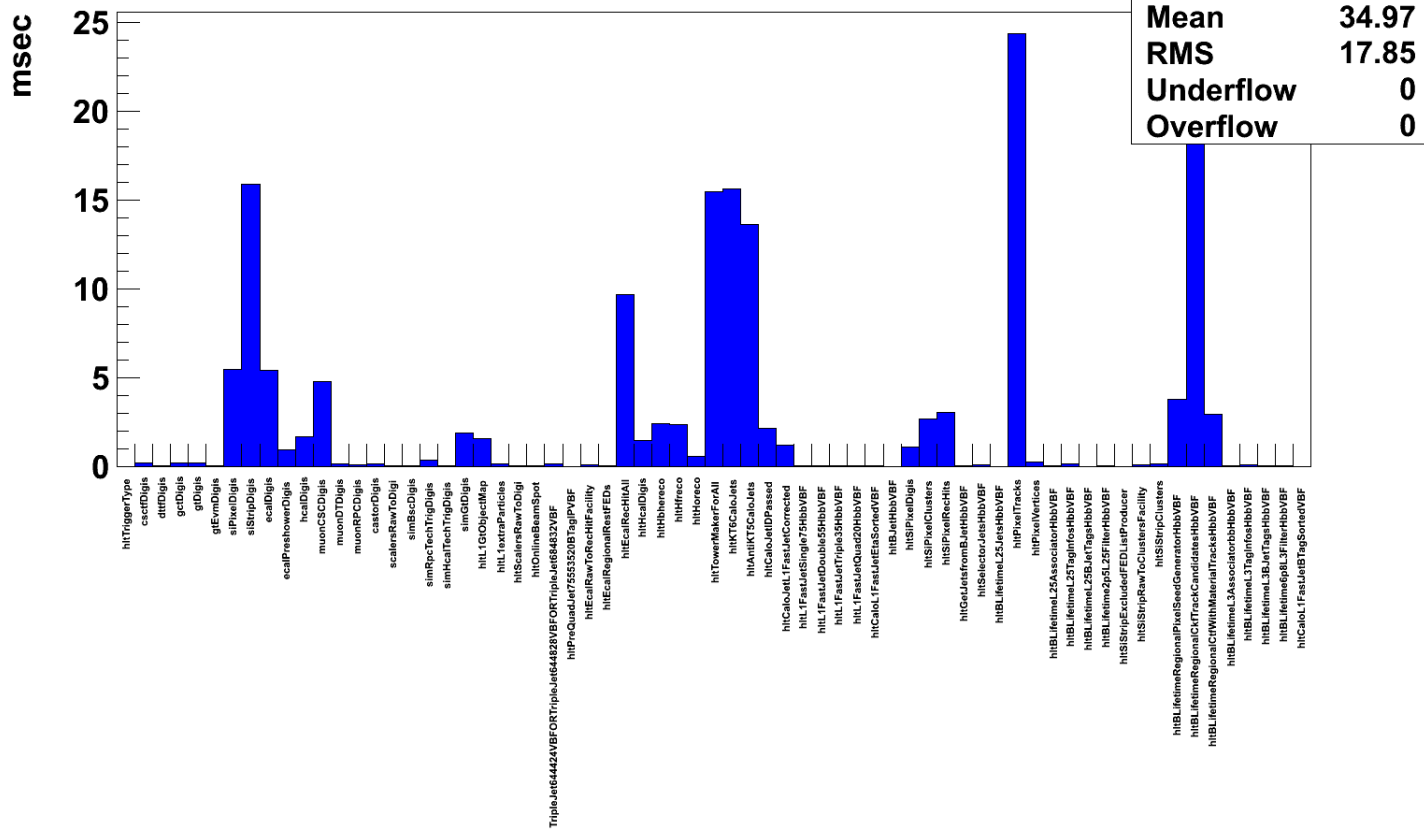


Chapter 2

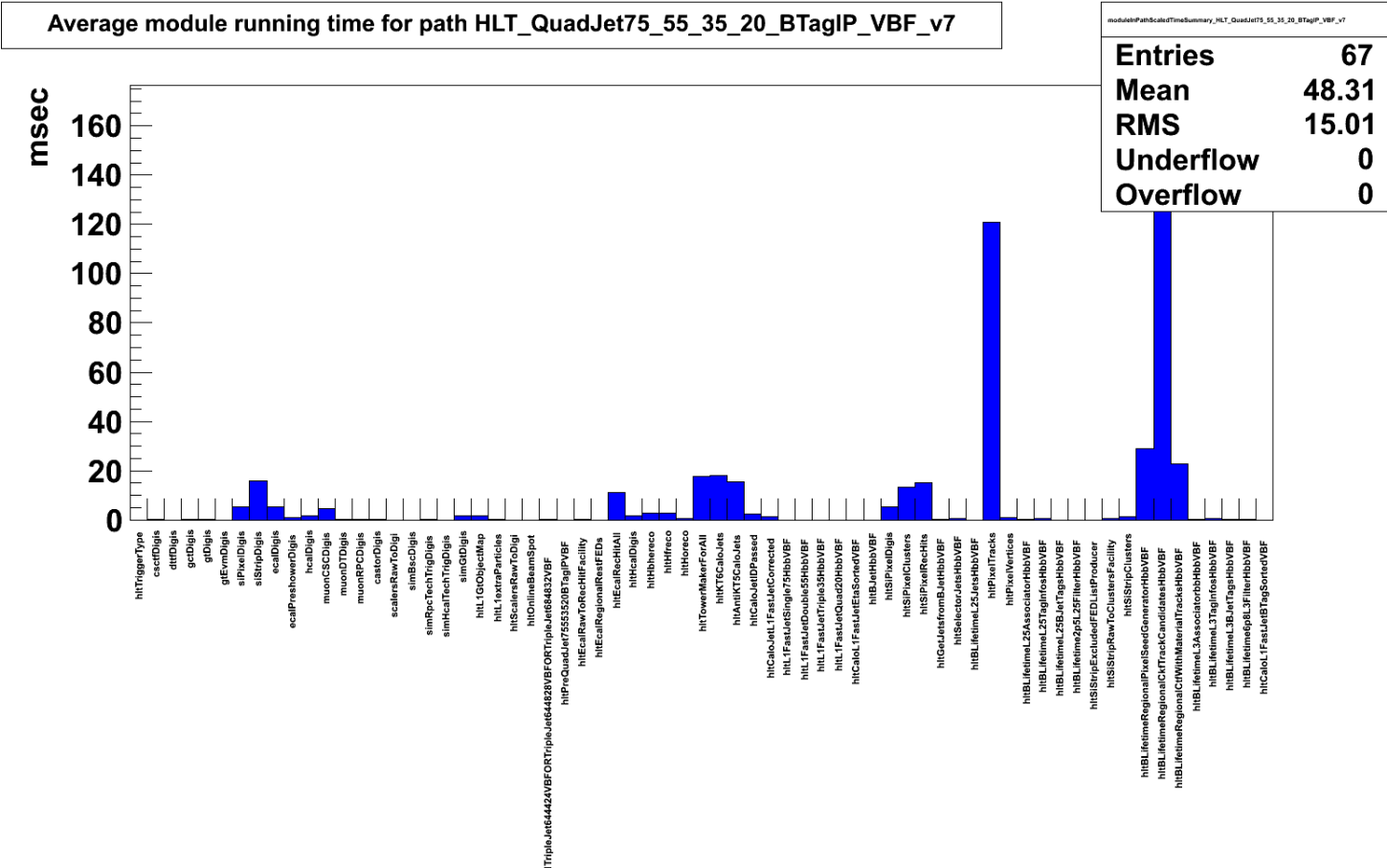
HLT_QuadJet75_55_35_20_BTagIP_VBF_v7
Info

2.1 Average module in HLT_QuadJet75_55_35_20_BTagIP_VBF_v7 time

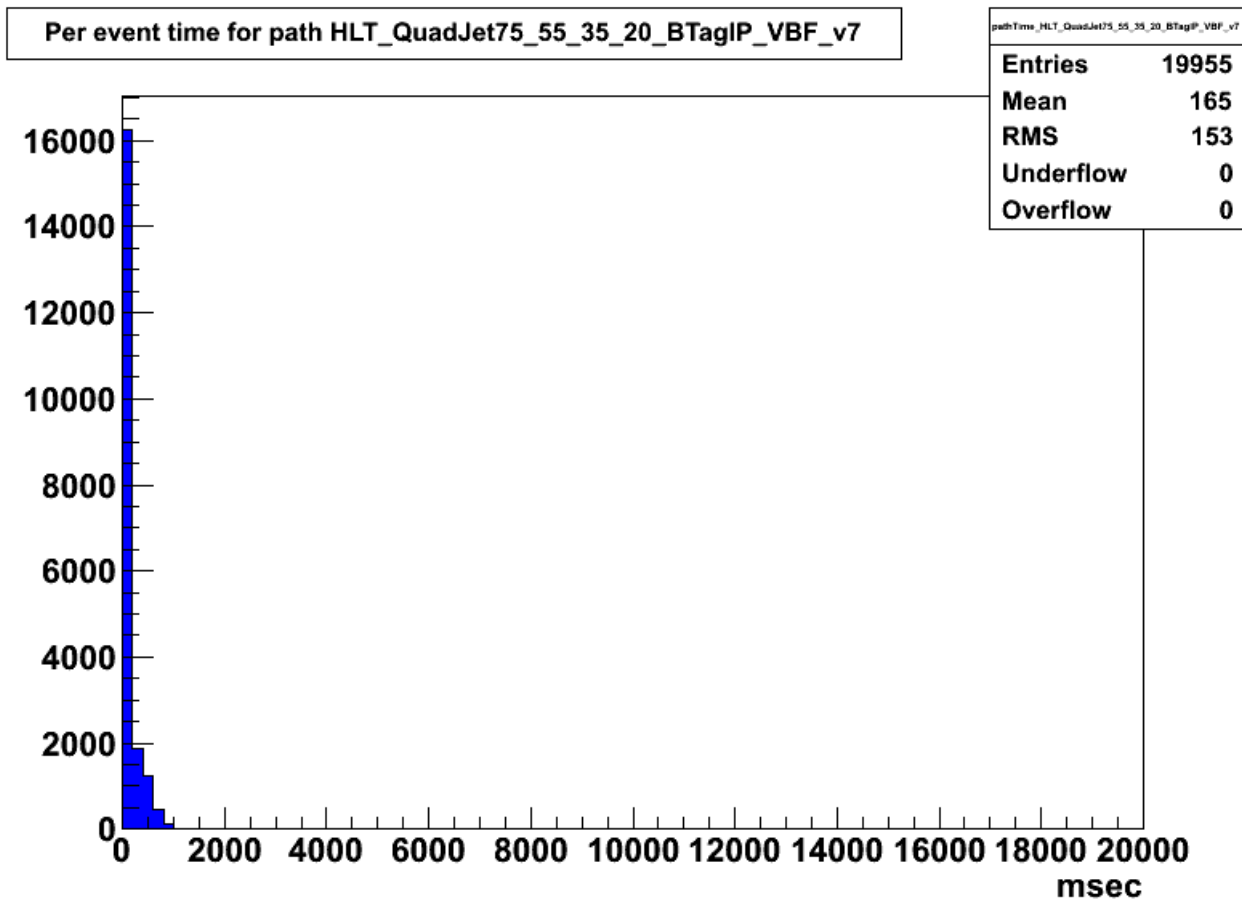
Average module time for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7



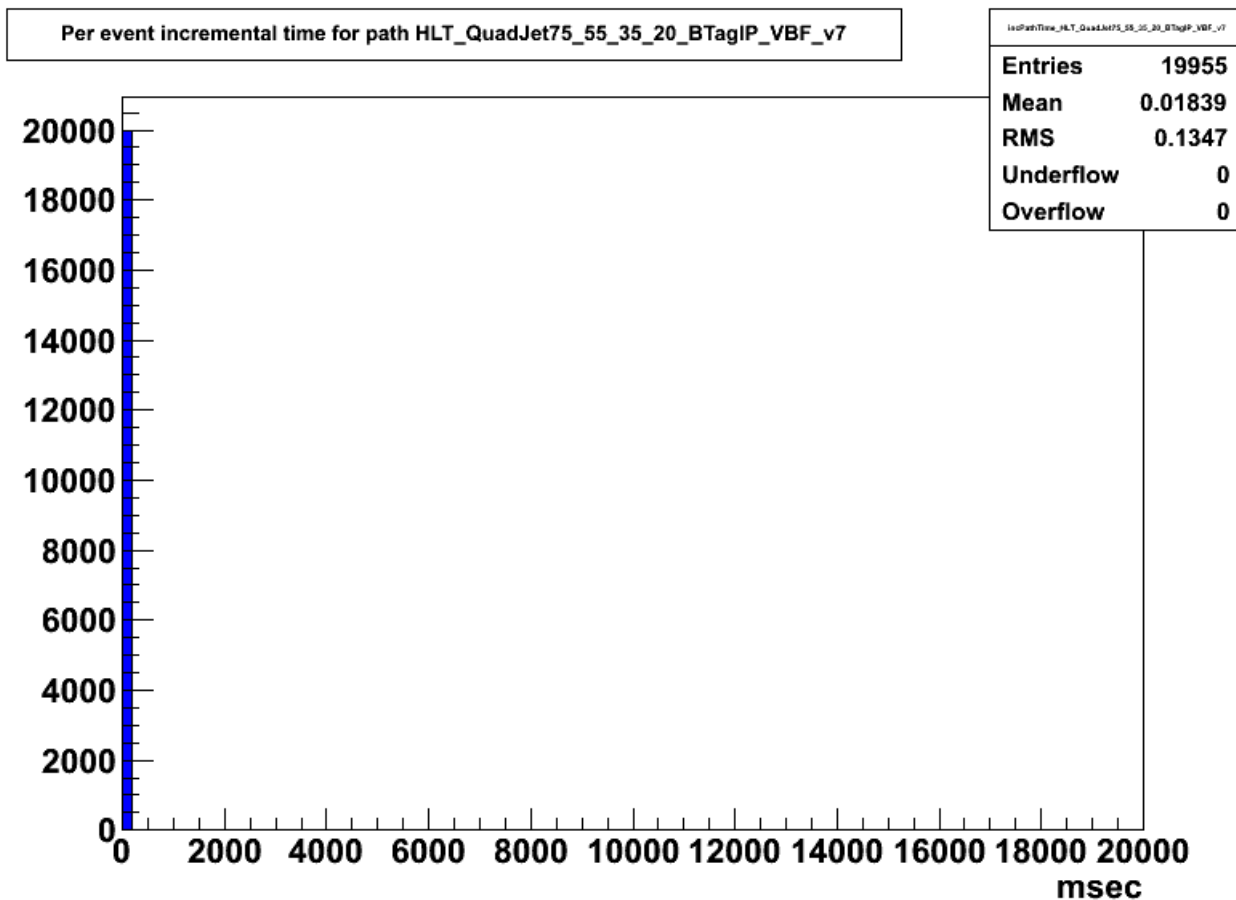
2.2 Average module in HLT_QuadJet75_55_35_20_BTagIP_VBF_v7 running time



2.3 Per event time for HLT_QuadJet75_55_35_20_BTagIP_VBF_v7

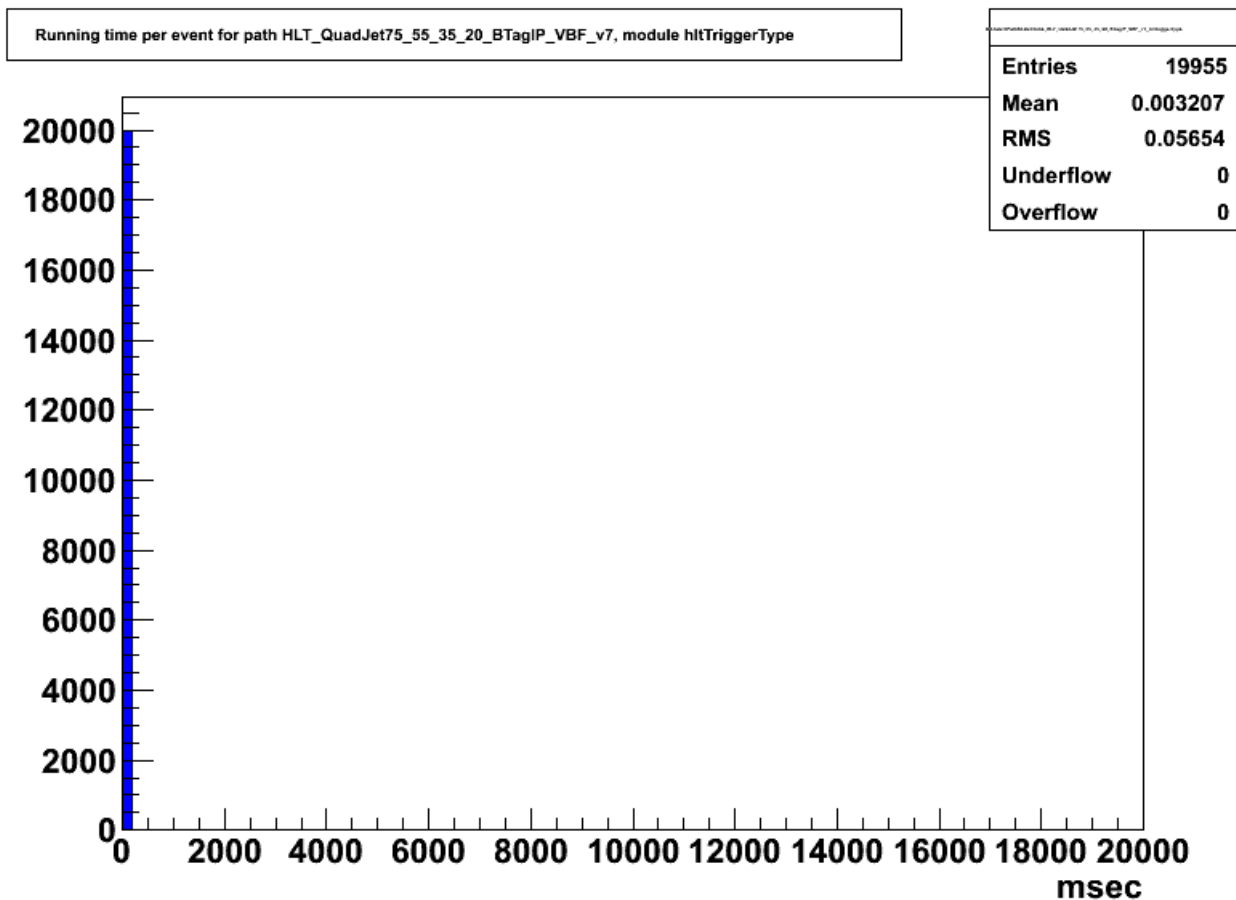


2.4 Per event incremental time for HLT_QuadJet75_55_35_20_BTagIP_VBF_v7



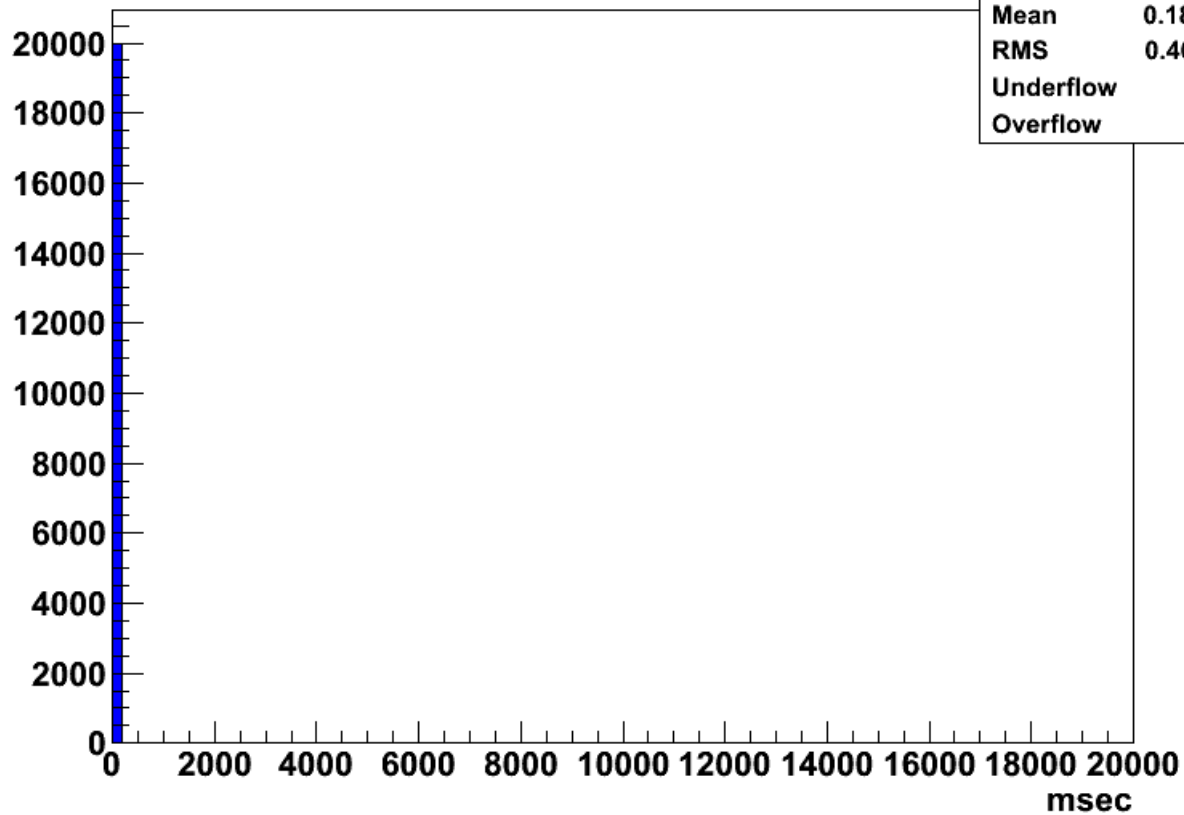
2.5 Running time per event for HLT_QuadJet75_55_35_20_BTagIP_VBF_v7

2.5.1 hltTriggerType



2.5.2 csctfDigis

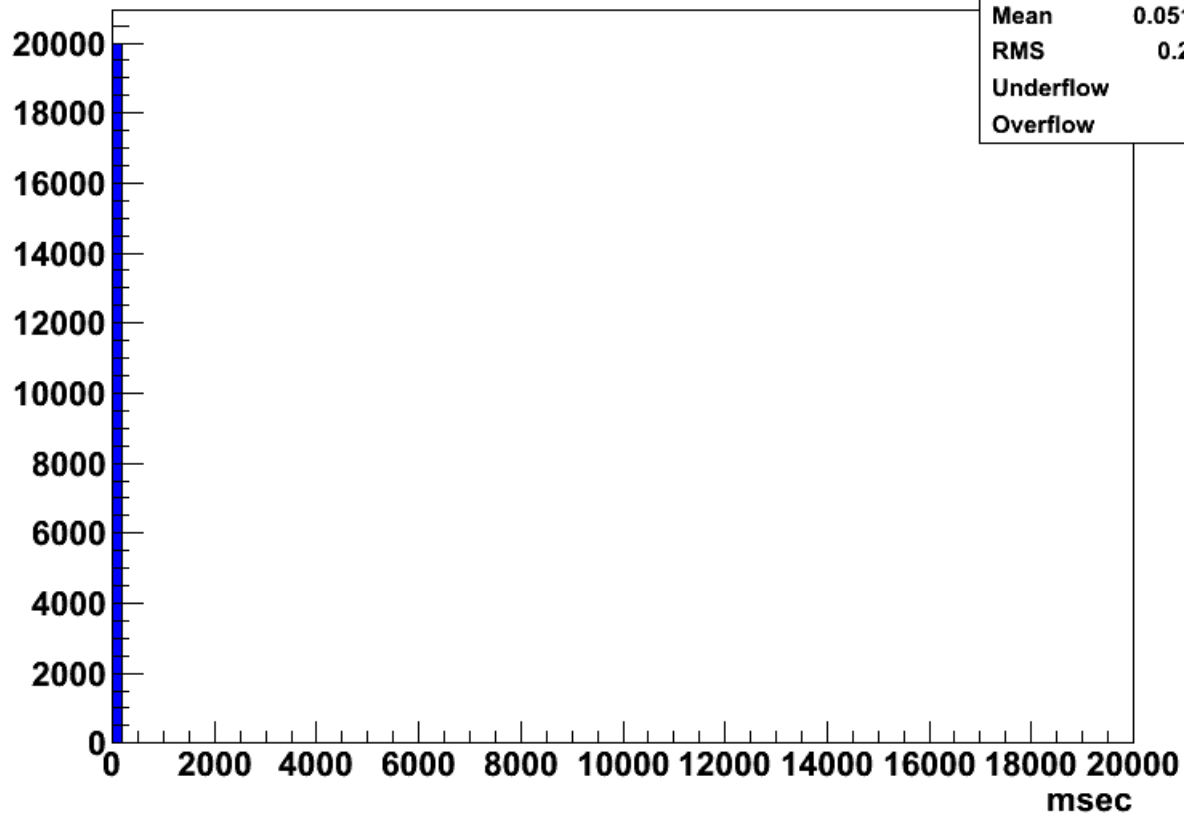
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module csctfDigis



Entries	19955
Mean	0.1864
RMS	0.4047
Underflow	0
Overflow	0

2.5.3 dttfDigis

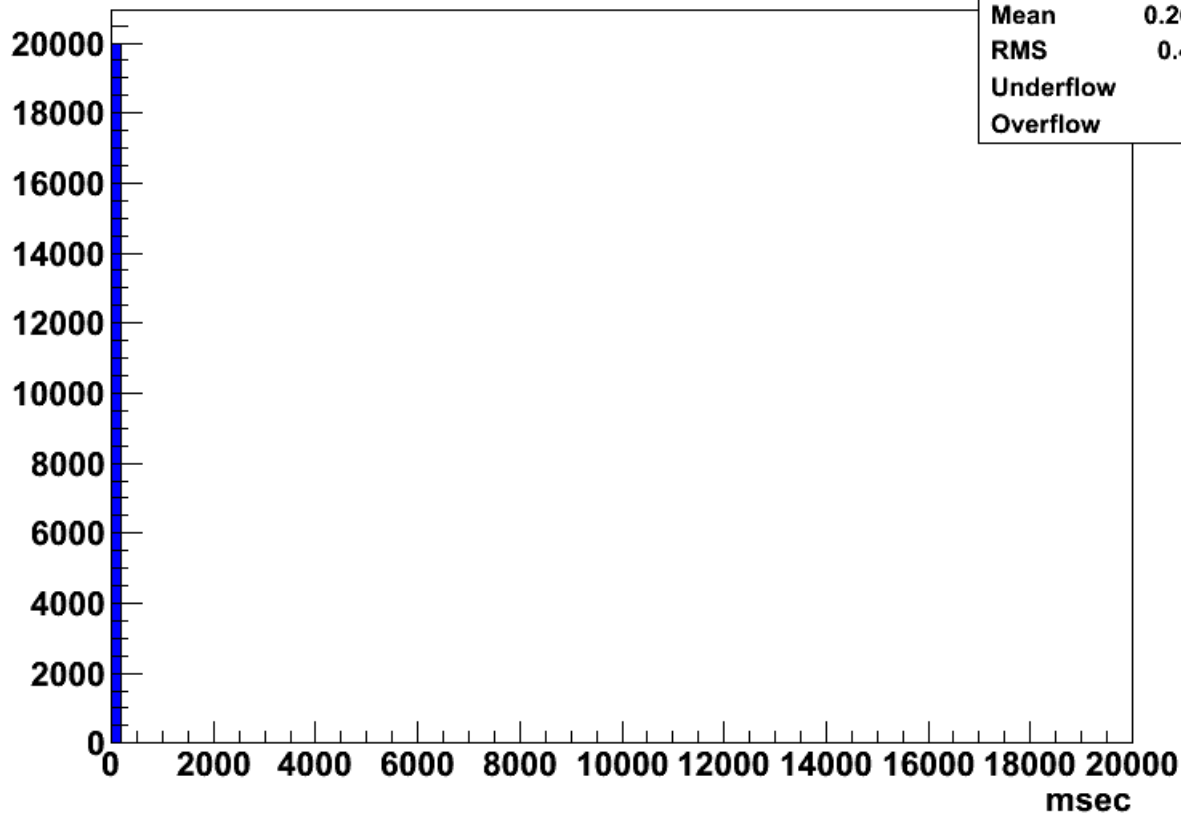
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module dttfDigis



module#dttfDigis, Path: HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, dttfDigis	
Entries	19955
Mean	0.05191
RMS	0.225
Underflow	0
Overflow	0

2.5.4 gctDigis

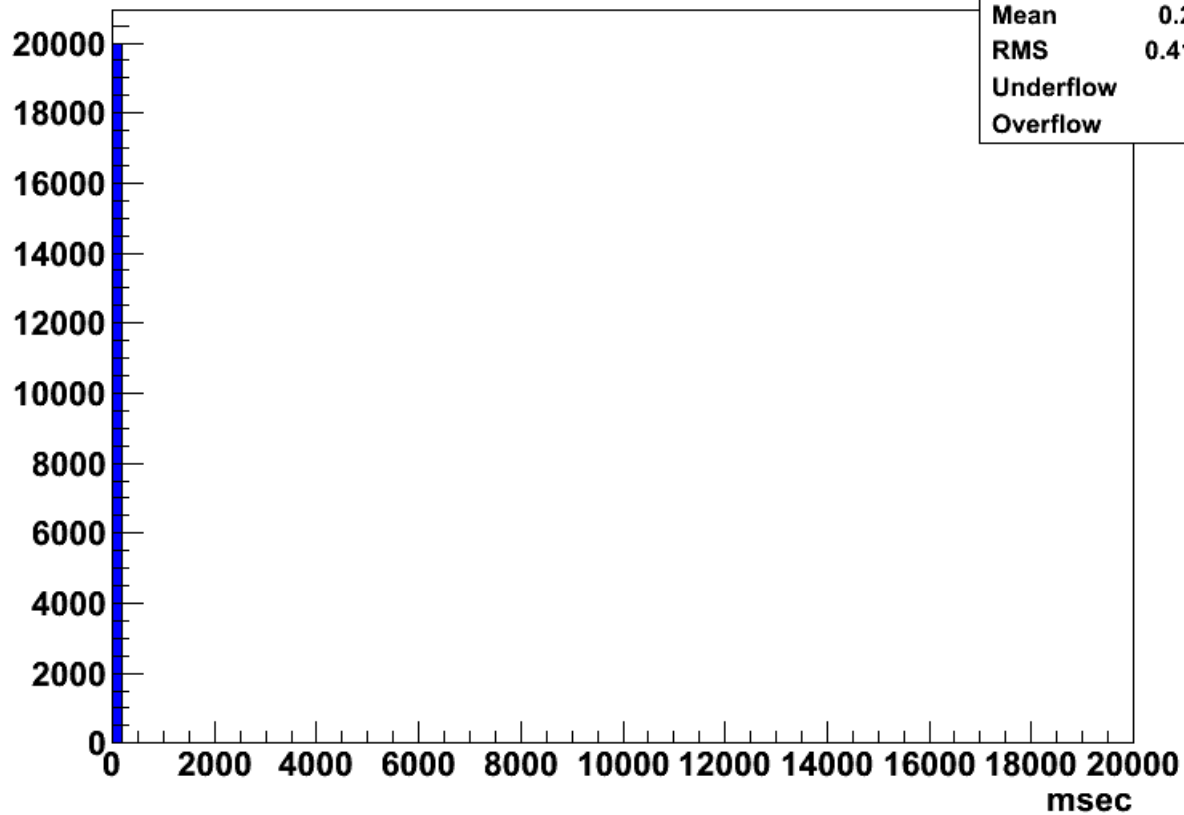
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module gctDigis



module#HistogramName_HLT_QuadJet75_55_35_20_BTagIP_VBF_v7_gctDigis	
Entries	19955
Mean	0.2092
RMS	0.453
Underflow	0
Overflow	0

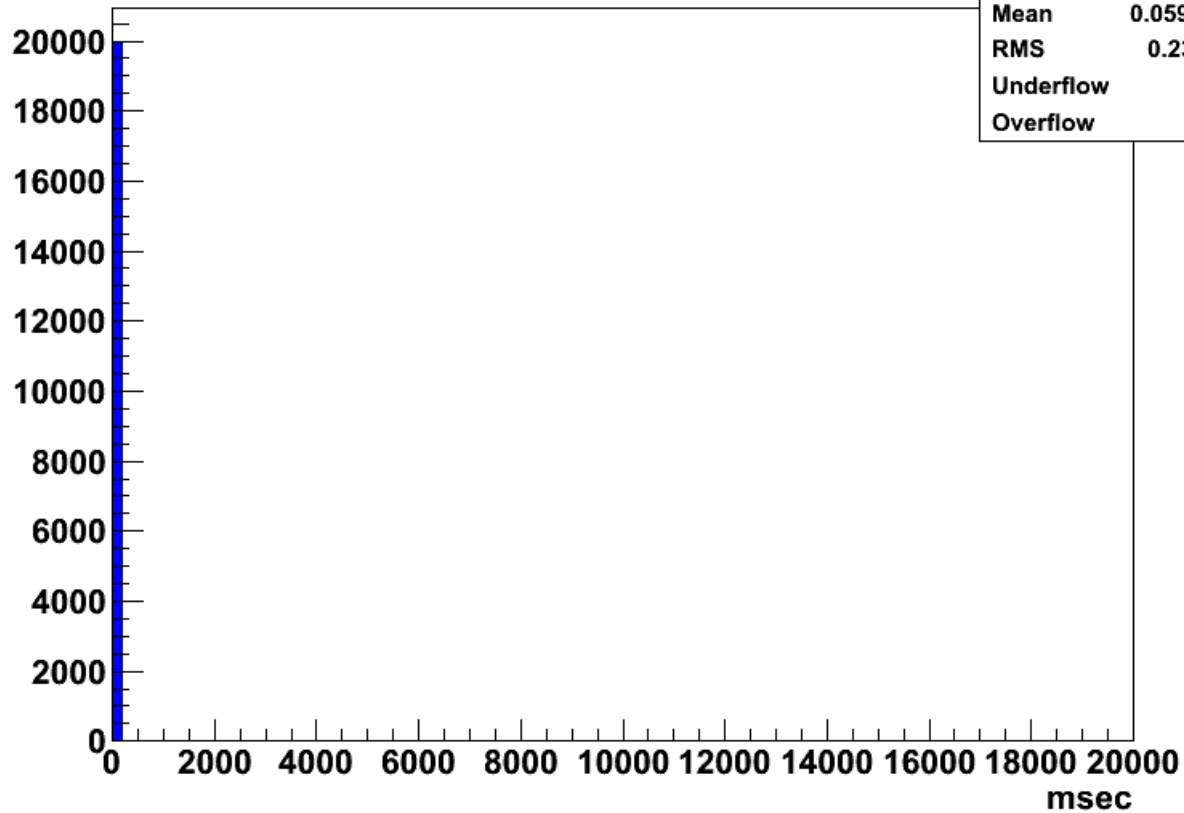
2.5.5 gtDigis

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module gtDigis



2.5.6 gtEvmDigis

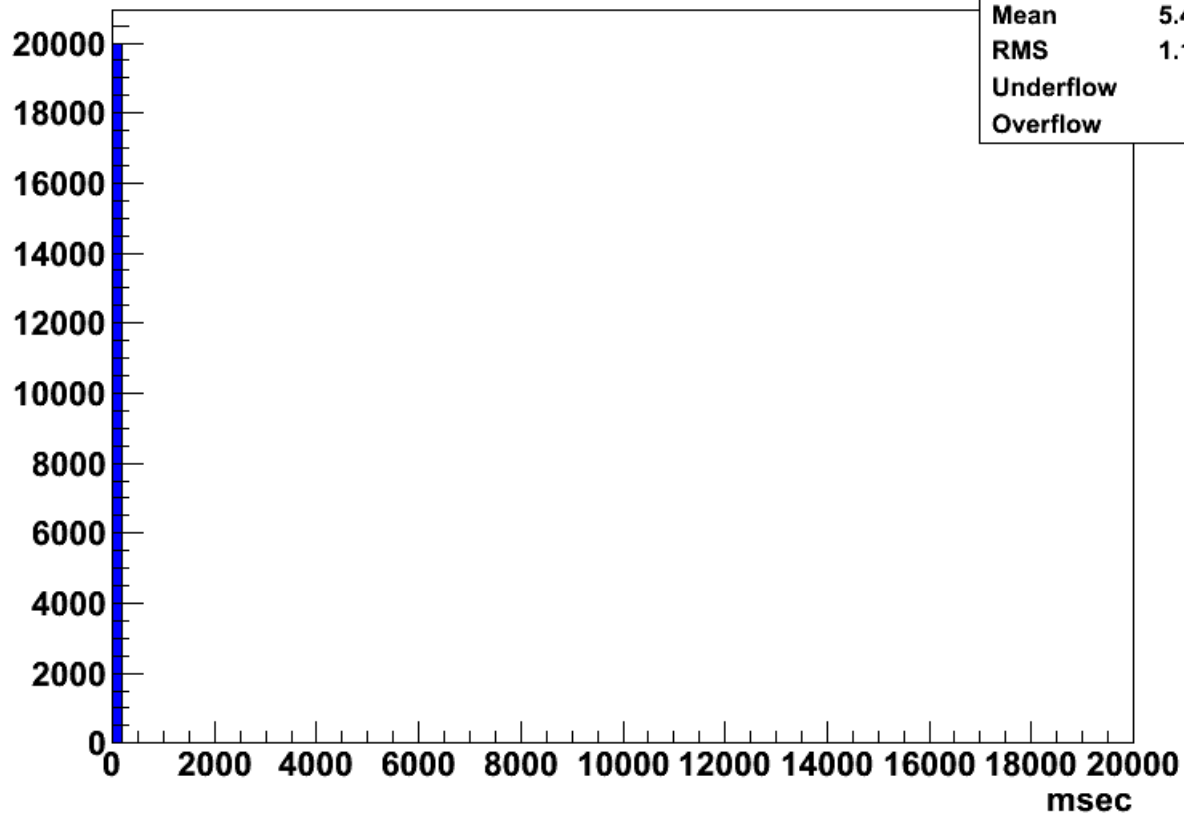
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module gtEvmDigis



Entries	19955
Mean	0.05952
RMS	0.2381
Underflow	0
Overflow	0

2.5.7 siPixelDigis

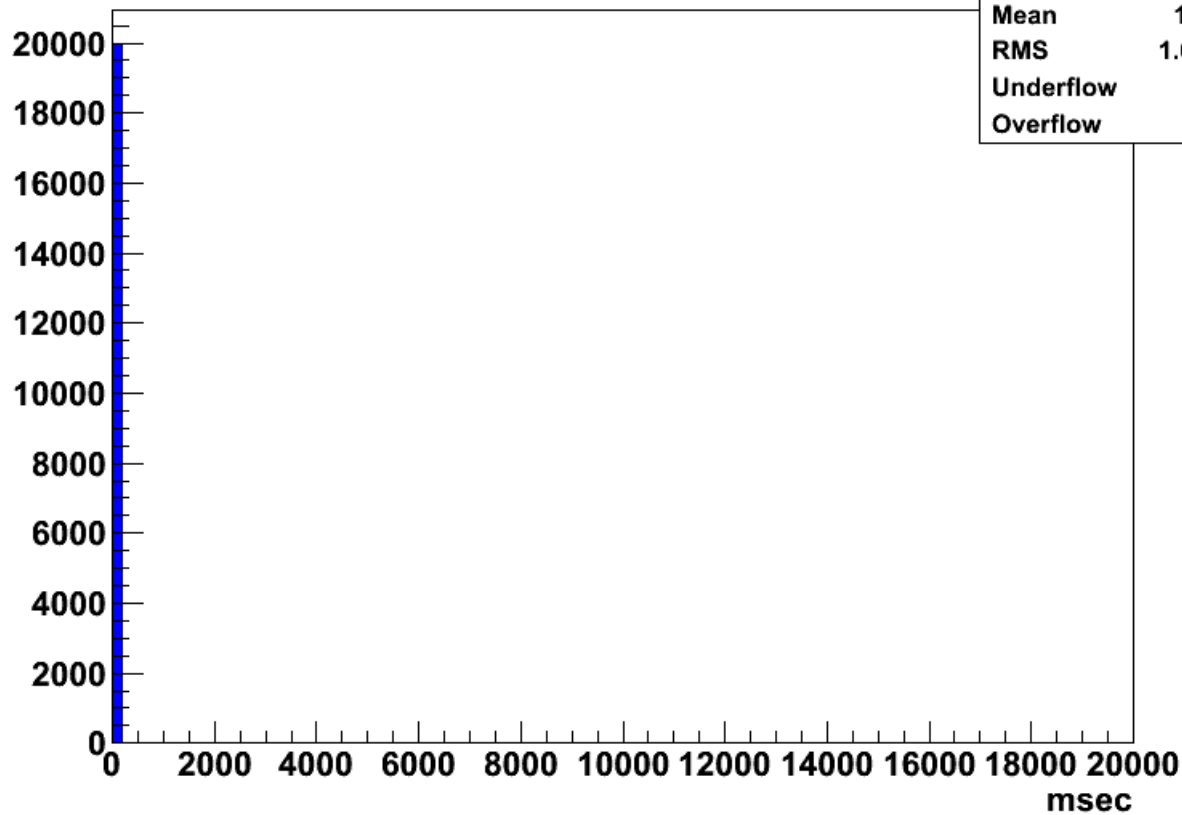
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module siPixelDigis



Entries	19955
Mean	5.479
RMS	1.104
Underflow	0
Overflow	0

2.5.8 siStripDigis

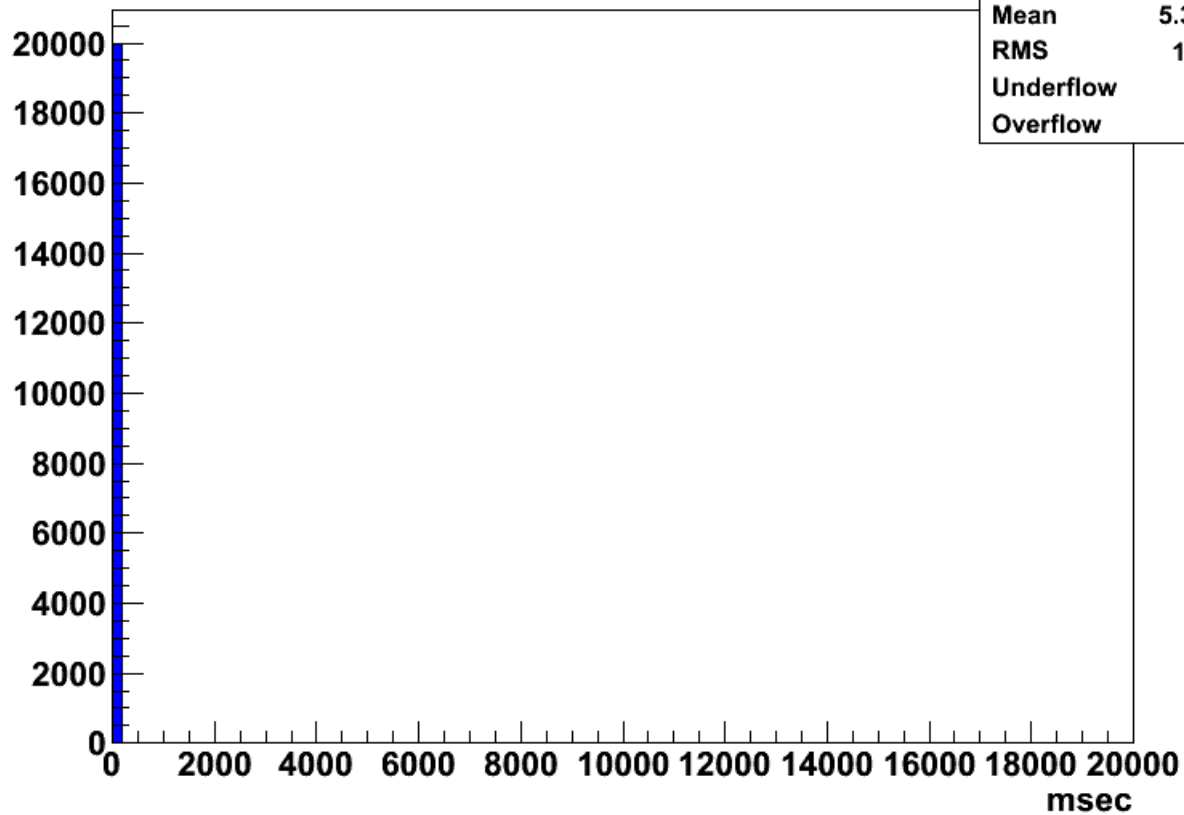
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module siStripDigis



Entries	19955
Mean	15.9
RMS	1.609
Underflow	0
Overflow	0

2.5.9 ecalDigis

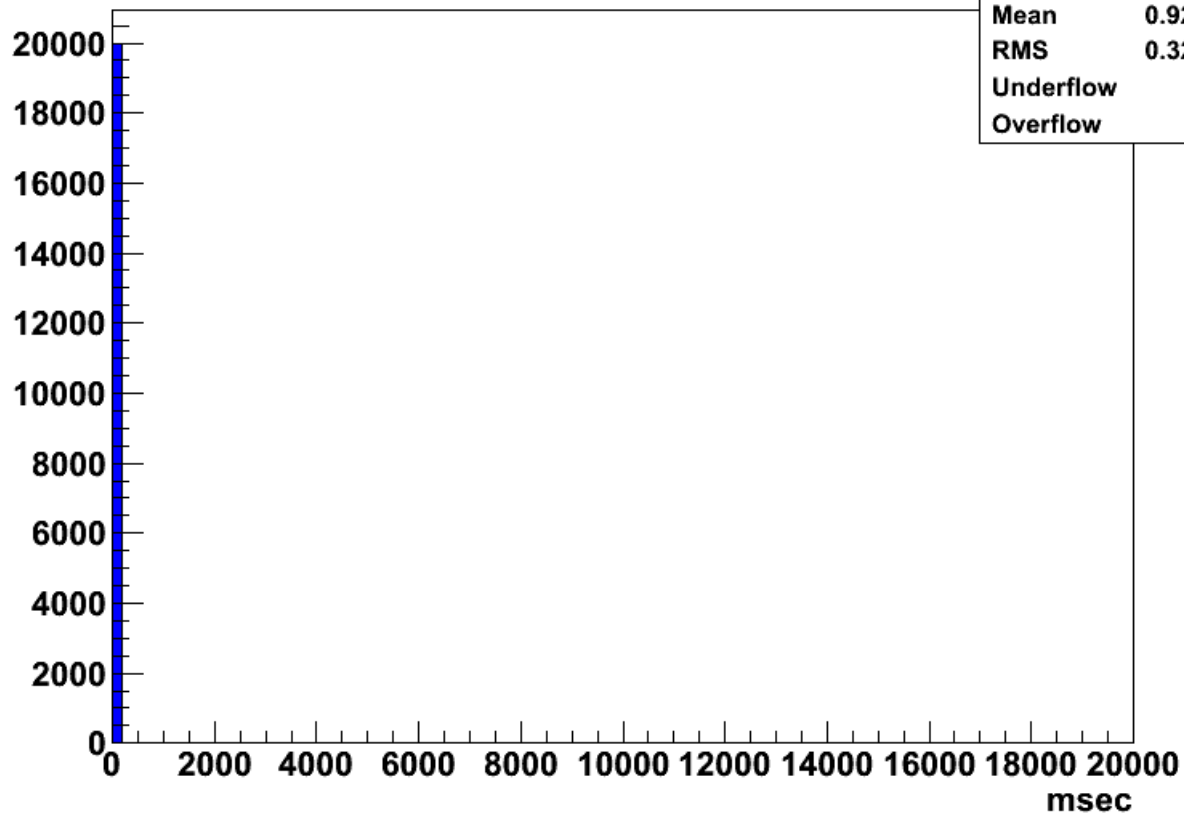
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module ecalDigis



Entries	19955
Mean	5.398
RMS	1.74
Underflow	0
Overflow	0

2.5.10 ecalPreshowerDigis

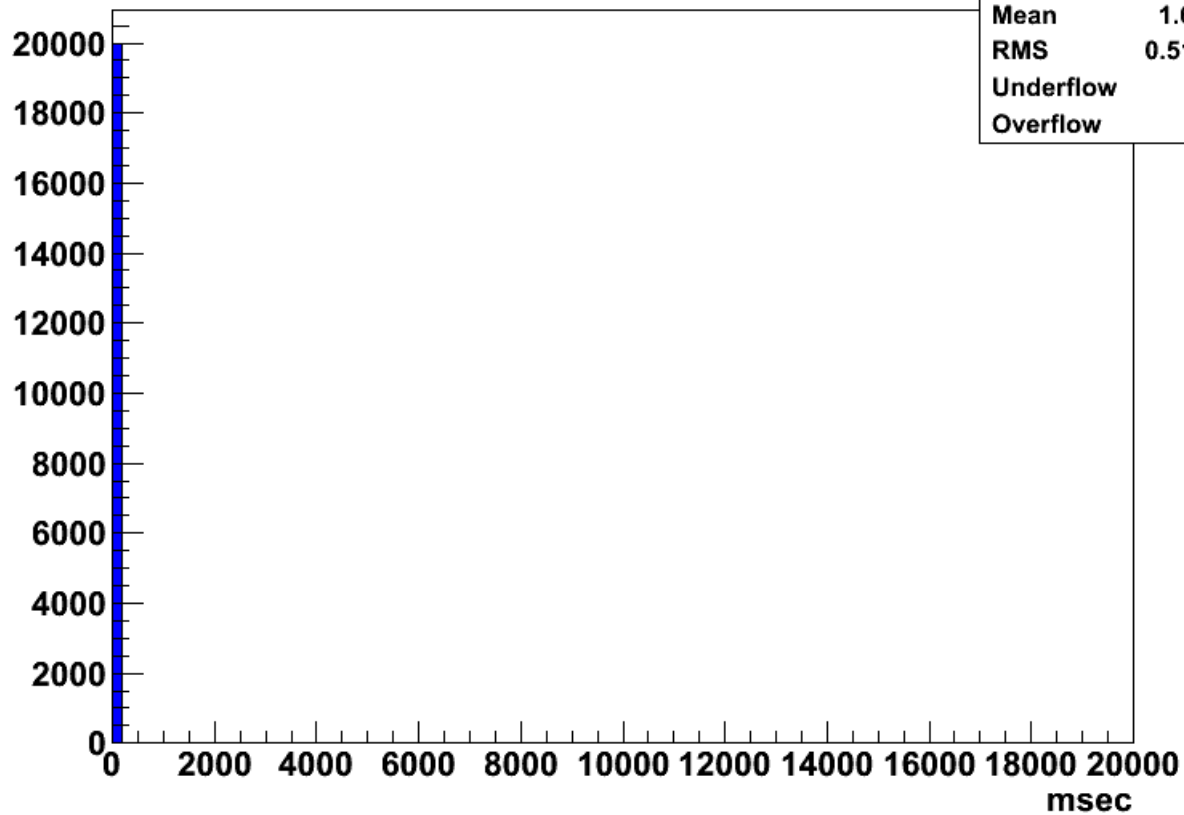
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module ecalPreshowerDigis



Entries	19955
Mean	0.9299
RMS	0.3287
Underflow	0
Overflow	0

2.5.11 hcalDigis

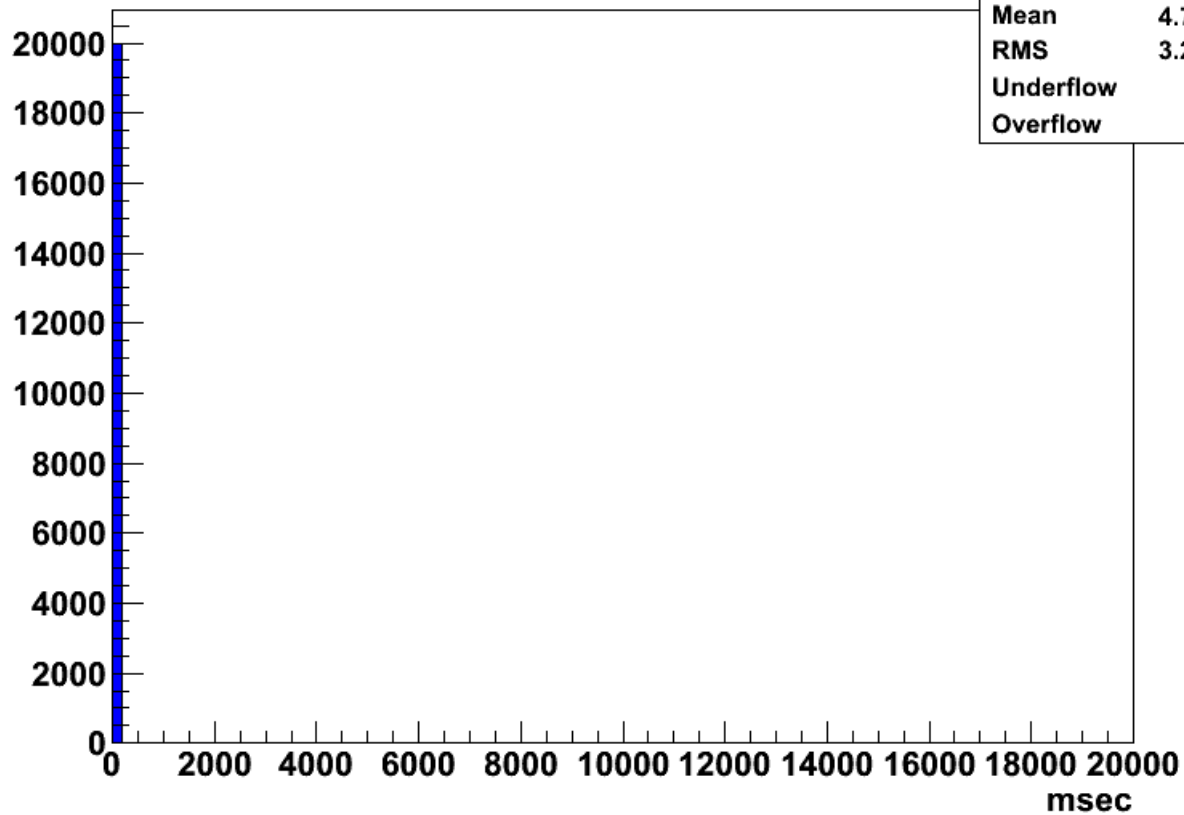
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hcalDigis



Entries	19955
Mean	1.683
RMS	0.5176
Underflow	0
Overflow	0

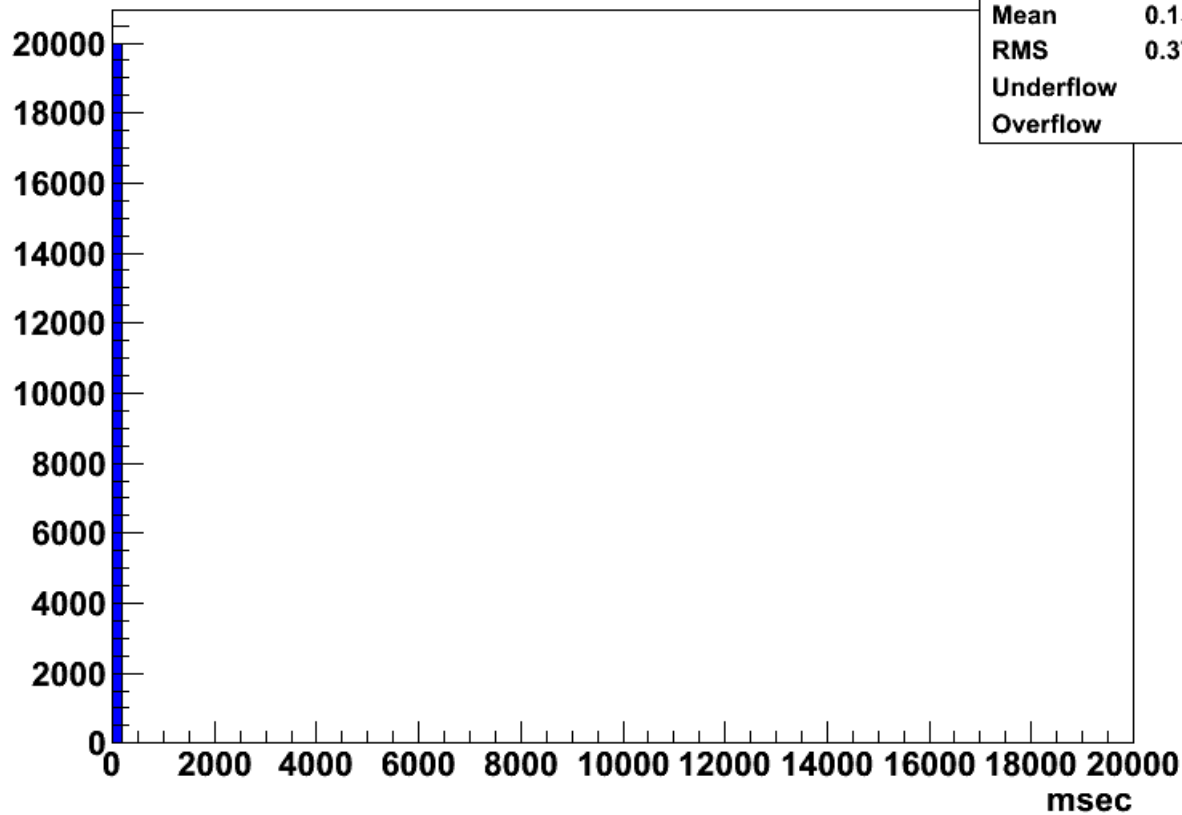
2.5.12 muonCSCDigis

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module muonCSCDigis



2.5.13 muonDTDigis

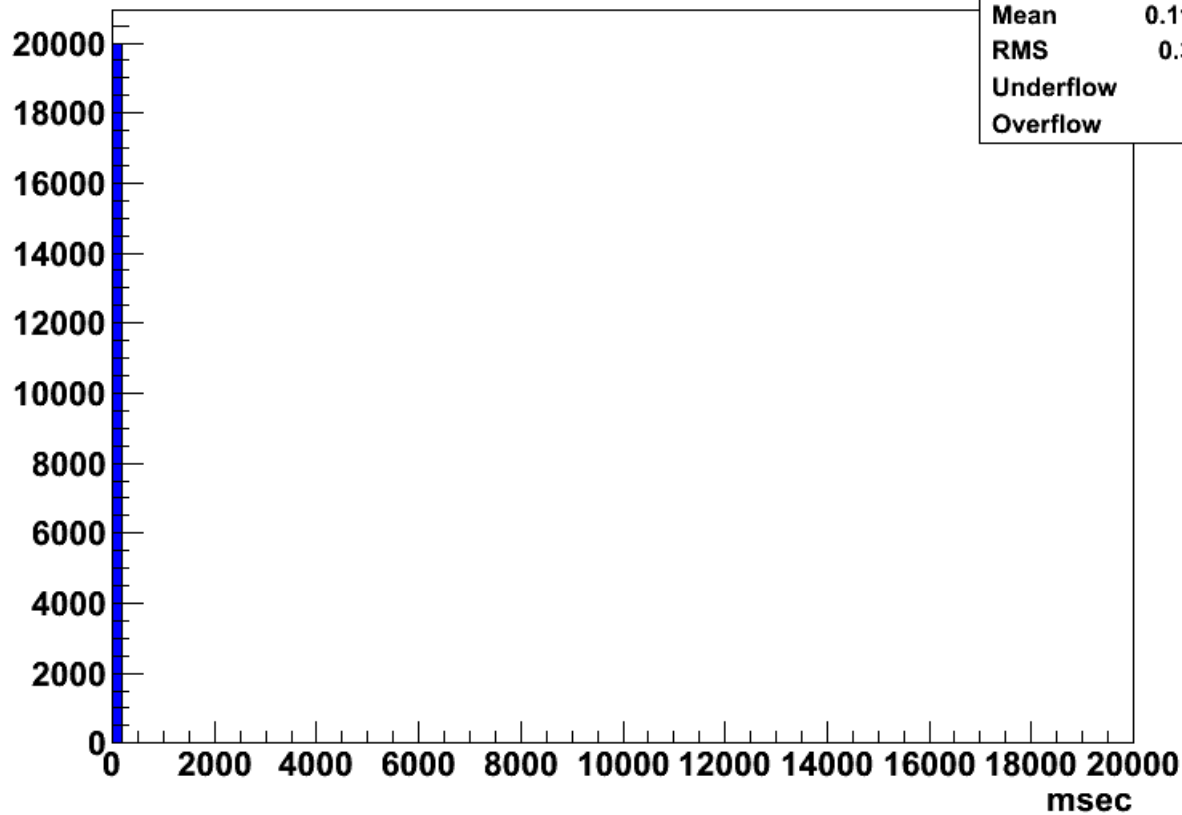
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module muonDTDigis



Entries	19955
Mean	0.1569
RMS	0.3766
Underflow	0
Overflow	0

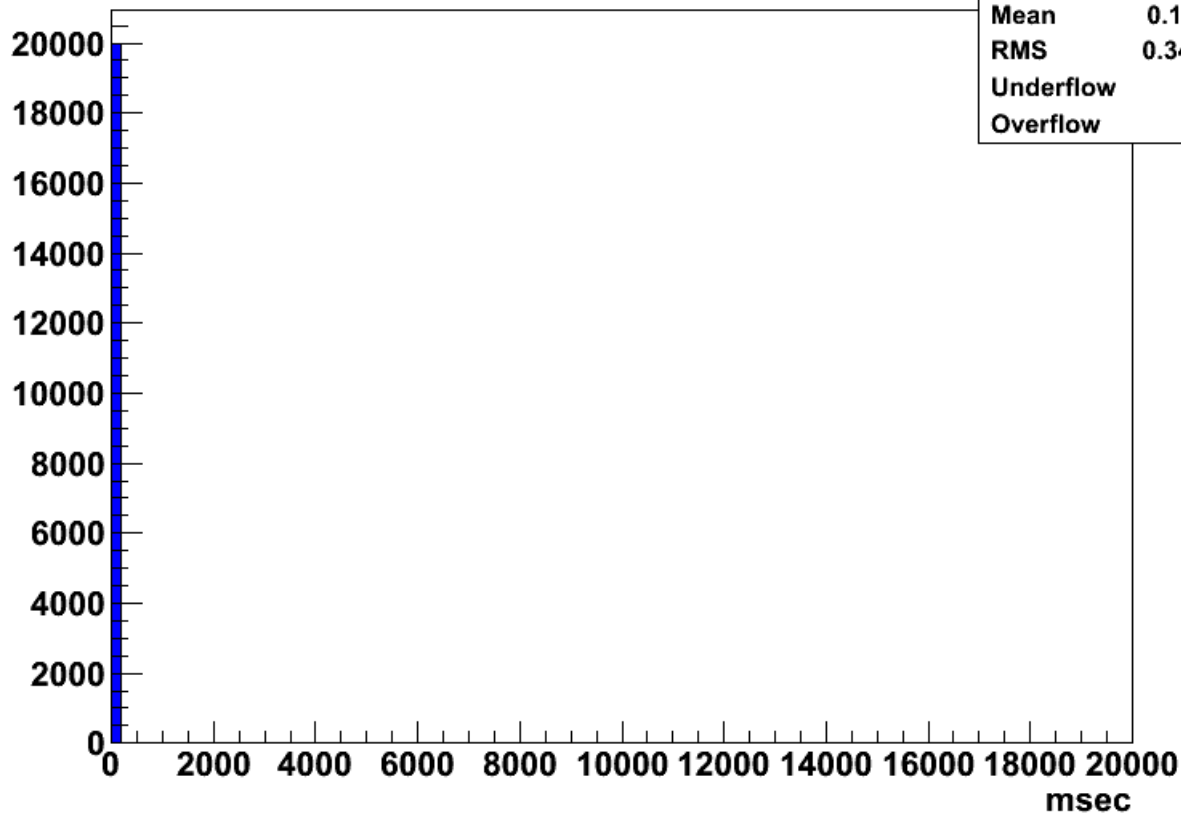
2.5.14 muonRPCDigis

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module muonRPCDigis



2.5.15 castorDigis

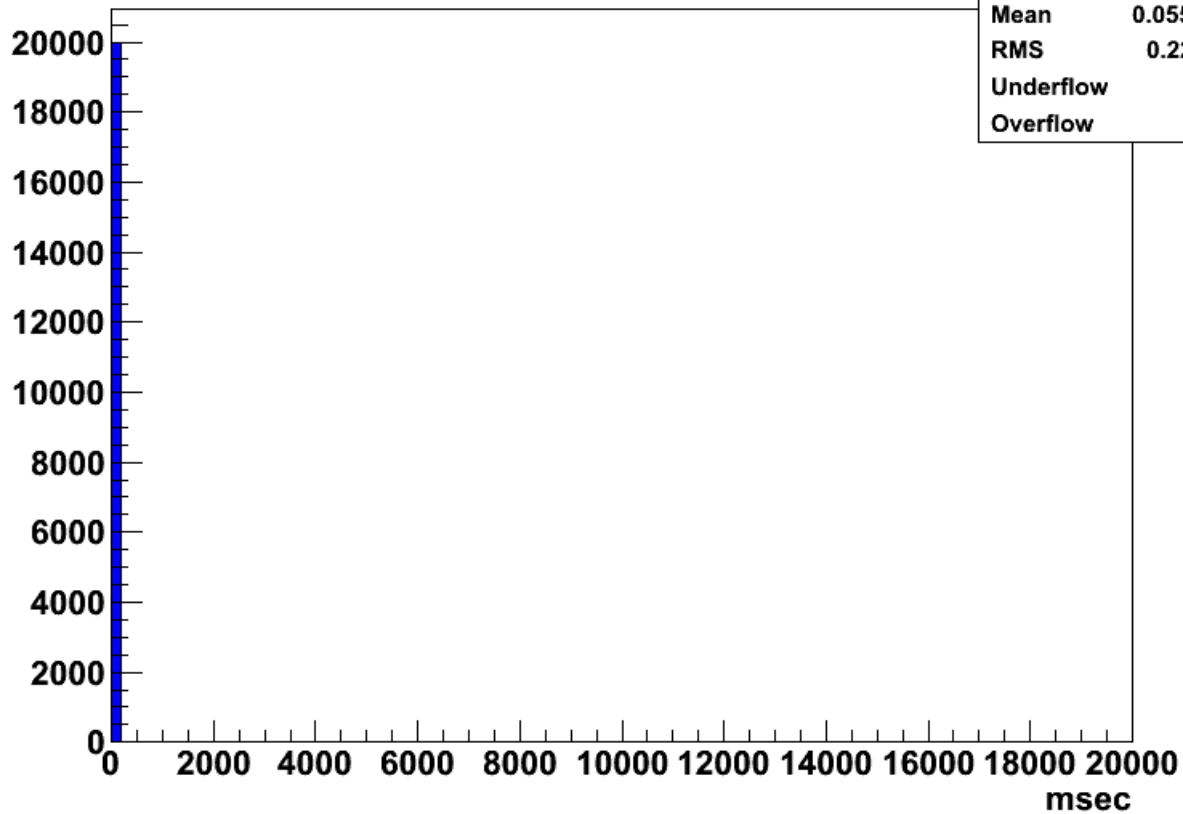
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module castorDigis



Entries	19955
Mean	0.1371
RMS	0.3494
Underflow	0
Overflow	0

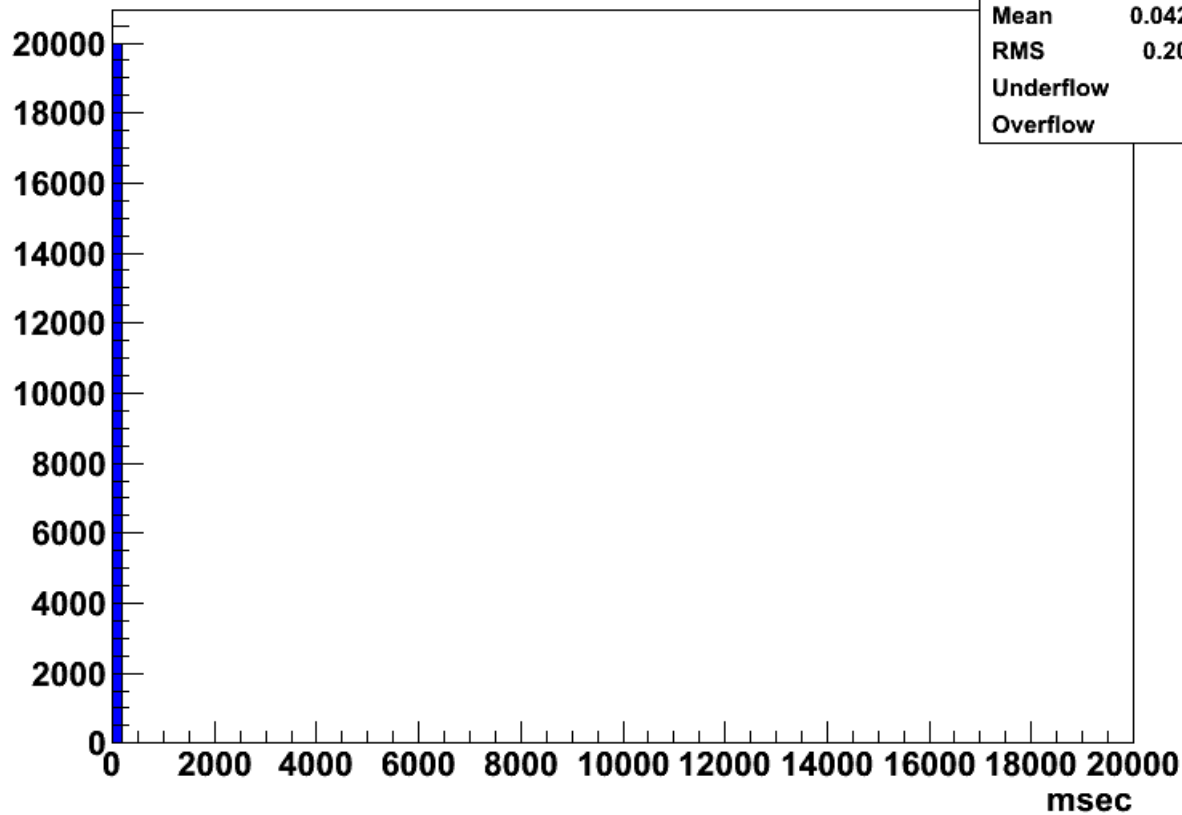
2.5.16 scalersRawToDigi

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module scalersRawToDigi



2.5.17 simBscDigis

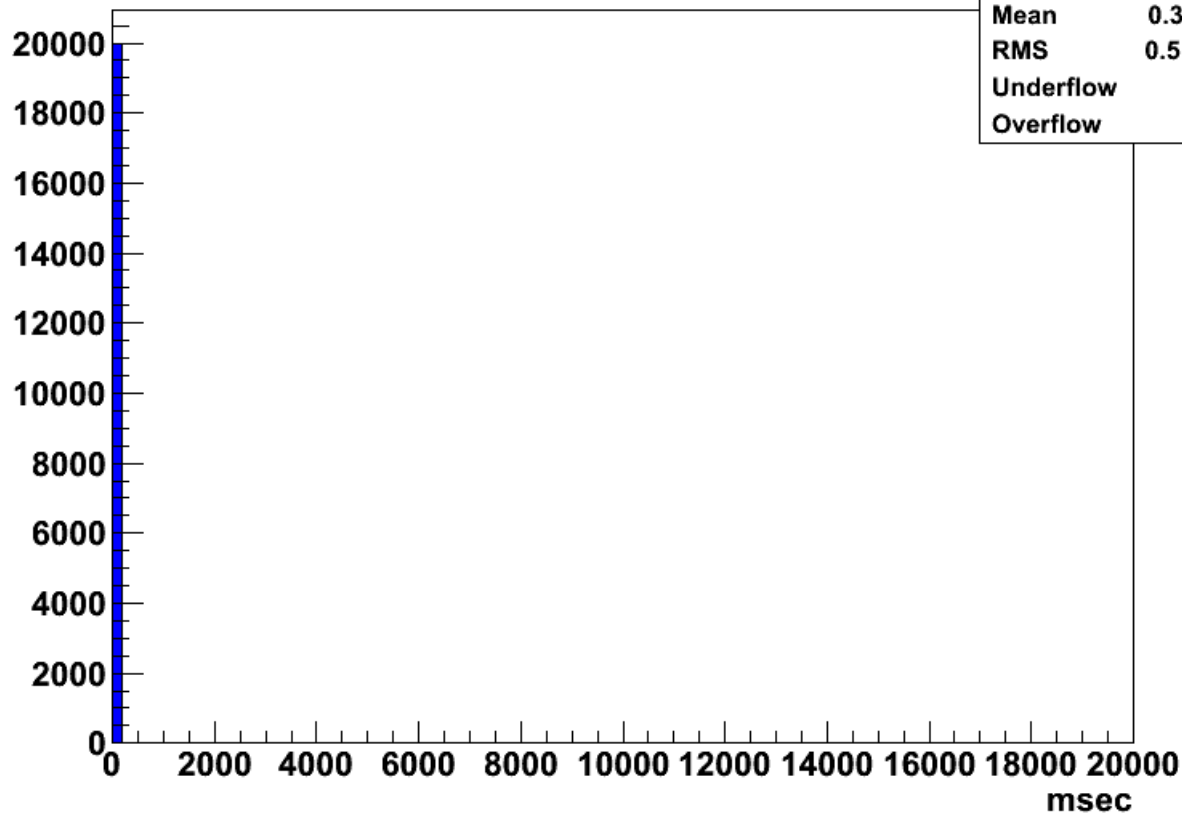
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module simBscDigis



Entries	19955
Mean	0.04214
RMS	0.2014
Underflow	0
Overflow	0

2.5.18 simRpcTechTrigDigis

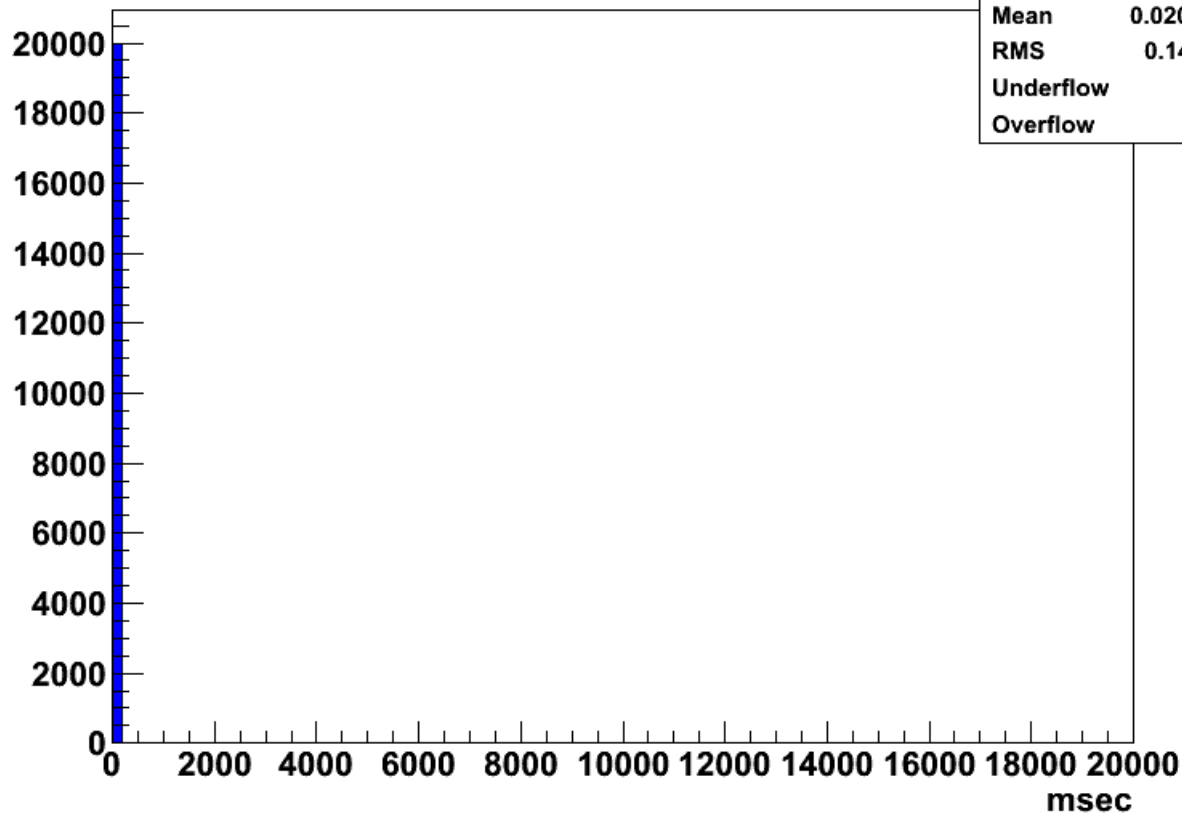
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module simRpcTechTrigDigis



Entries	19955
Mean	0.3581
RMS	0.5108
Underflow	0
Overflow	0

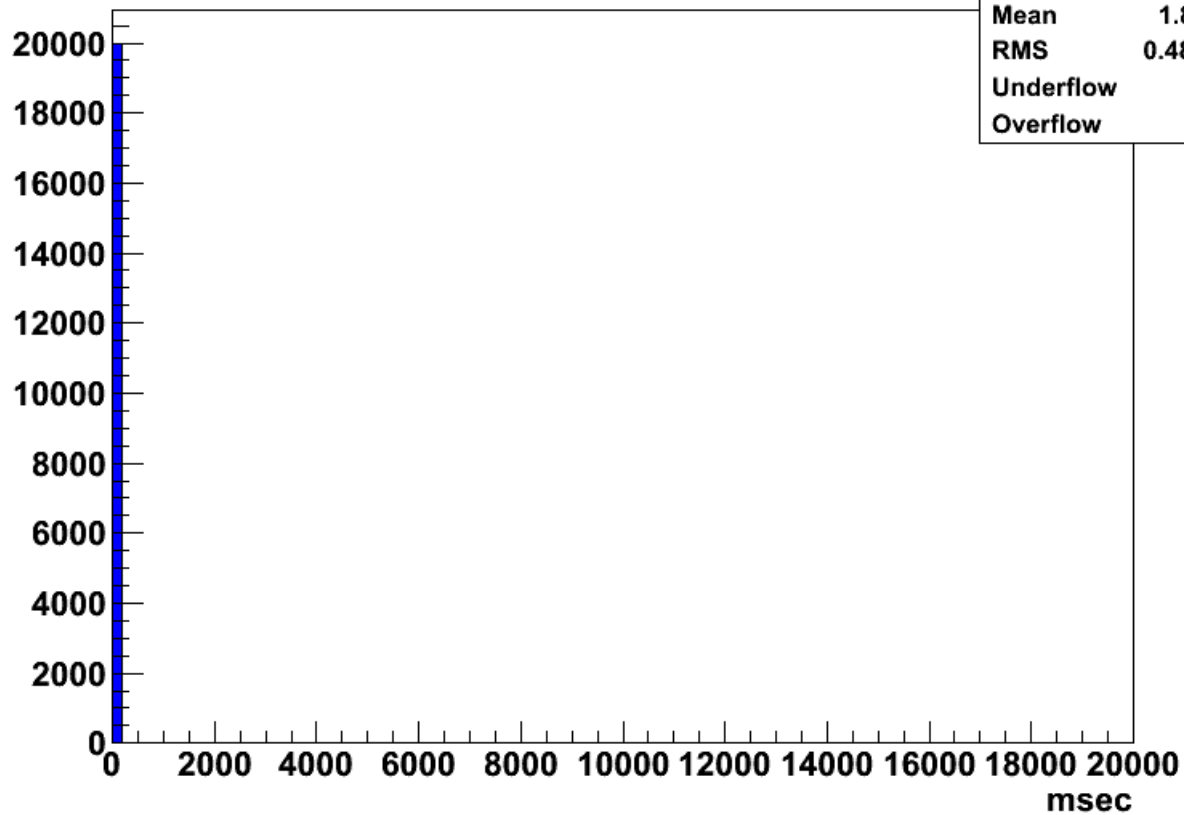
2.5.19 simHcalTechTrigDigis

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module simHcalTechTrigDigis



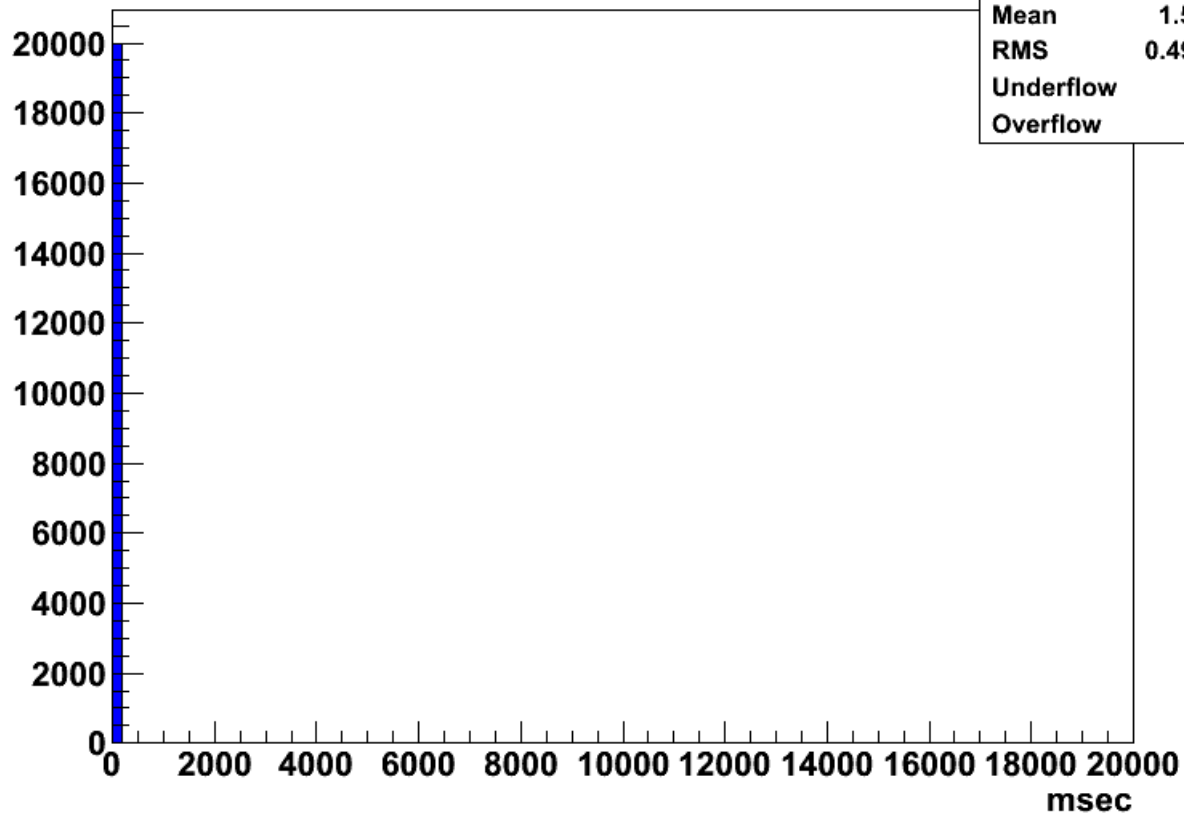
2.5.20 simGtDigis

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module simGtDigis



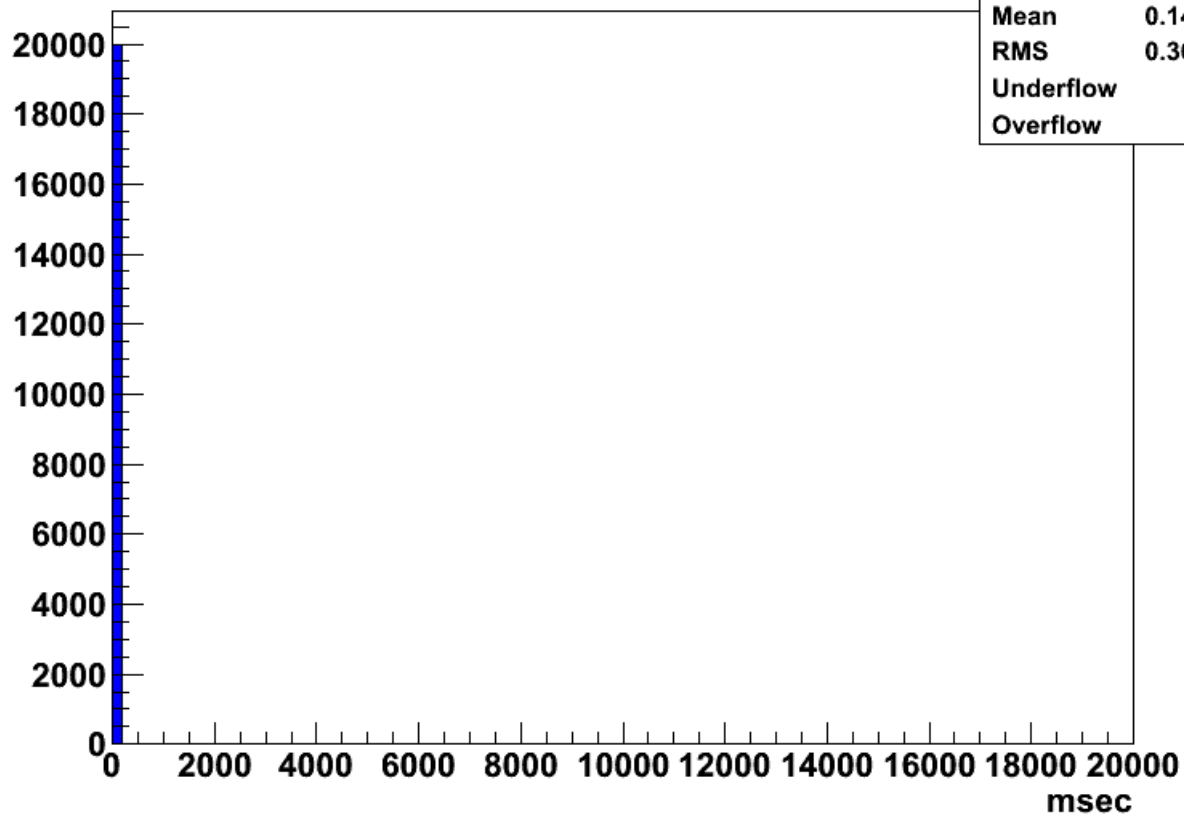
2.5.21 hltL1GtObjectMap

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltL1GtObjectMap



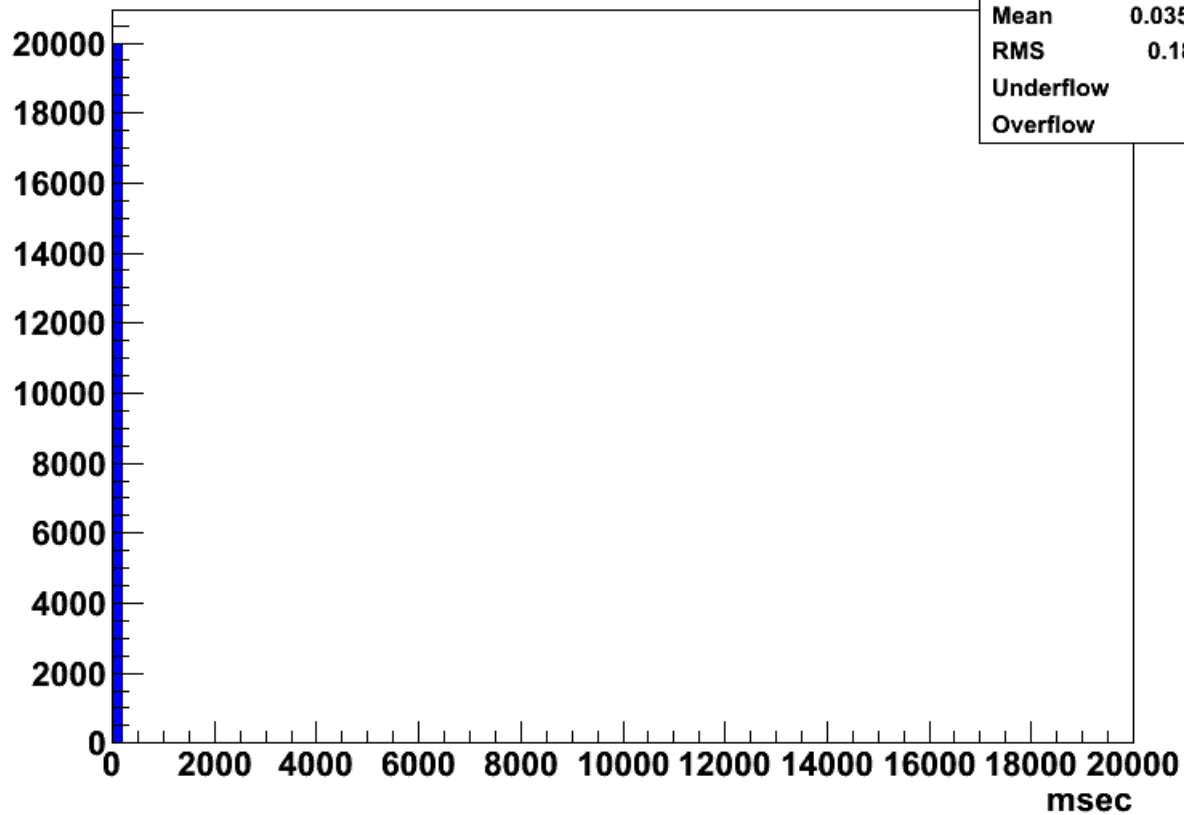
2.5.22 hltL1extraParticles

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltL1extraParticles



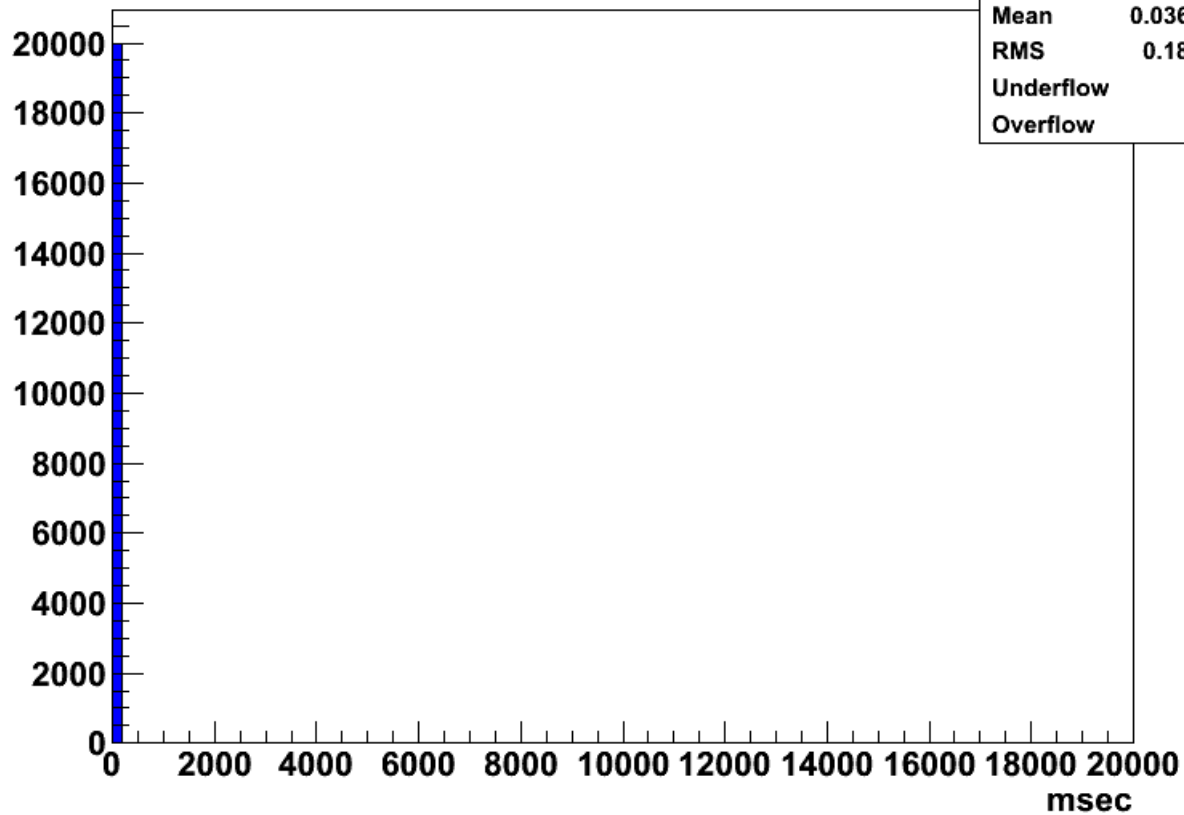
2.5.23 hltScalersRawToDigi

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltScalersRawToDigi



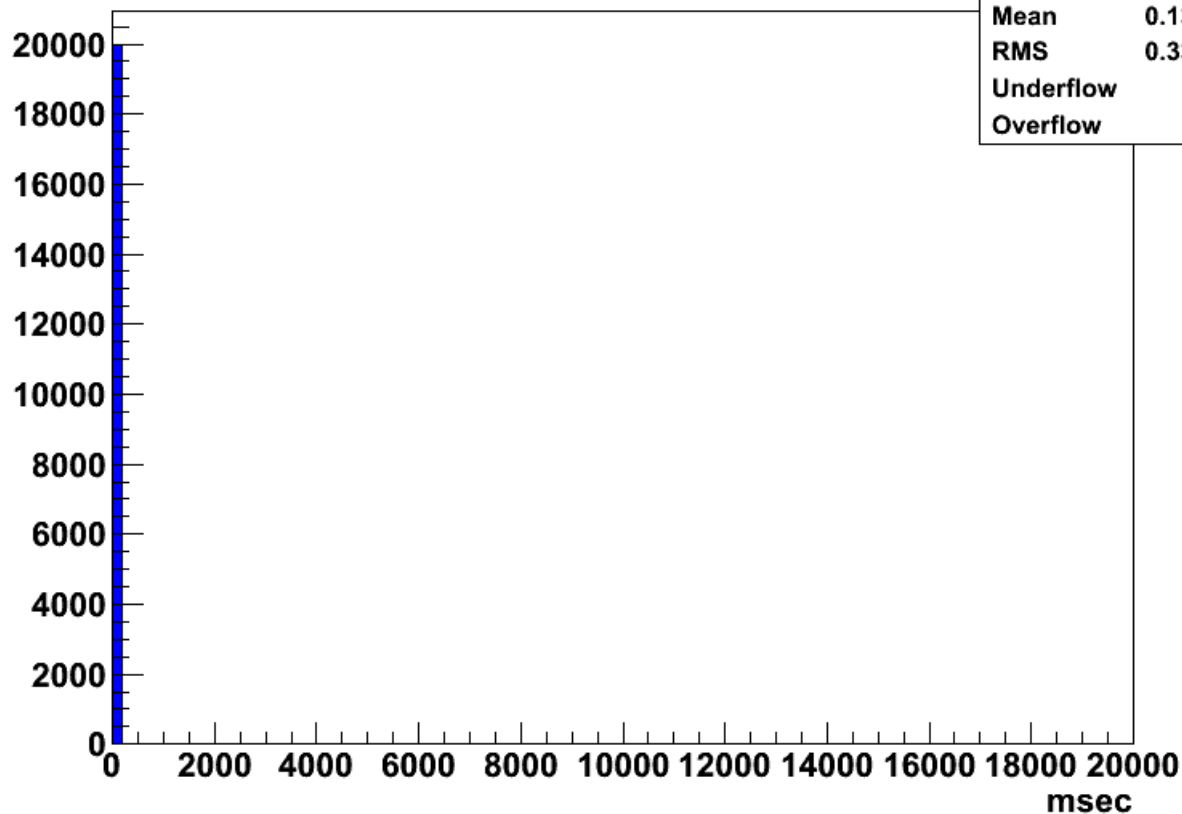
2.5.24 hltOnlineBeamSpot

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltOnlineBeamSpot



2.5.25 hltL1sL1TripleJet644424VBFORTripleJet644828VBFORTripleJet684832VBF

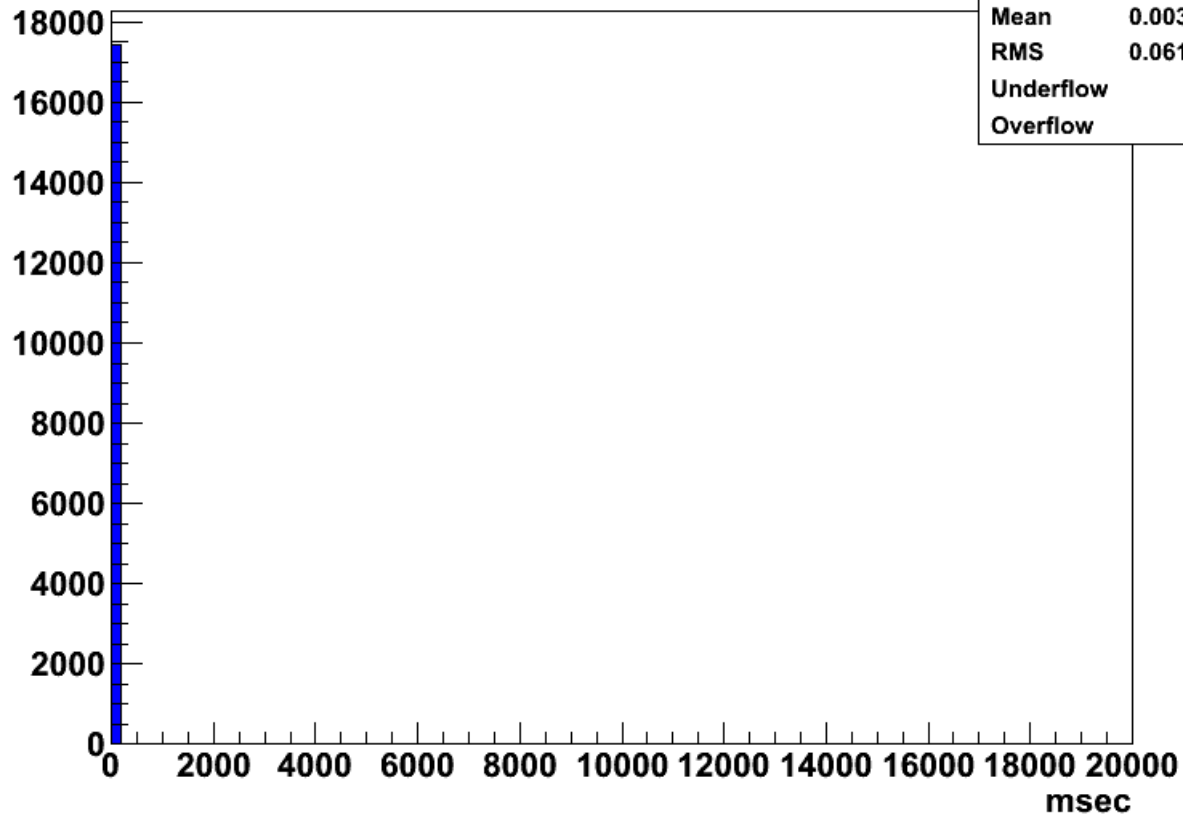
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltL1sL1TripleJet644424VBFORTripleJet644828VBFORTripleJet684832VBF



Entries	19955
Mean	0.1308
RMS	0.3372
Underflow	0
Overflow	0

2.5.26 hltPreQuadJet75553520BTagIPVBF

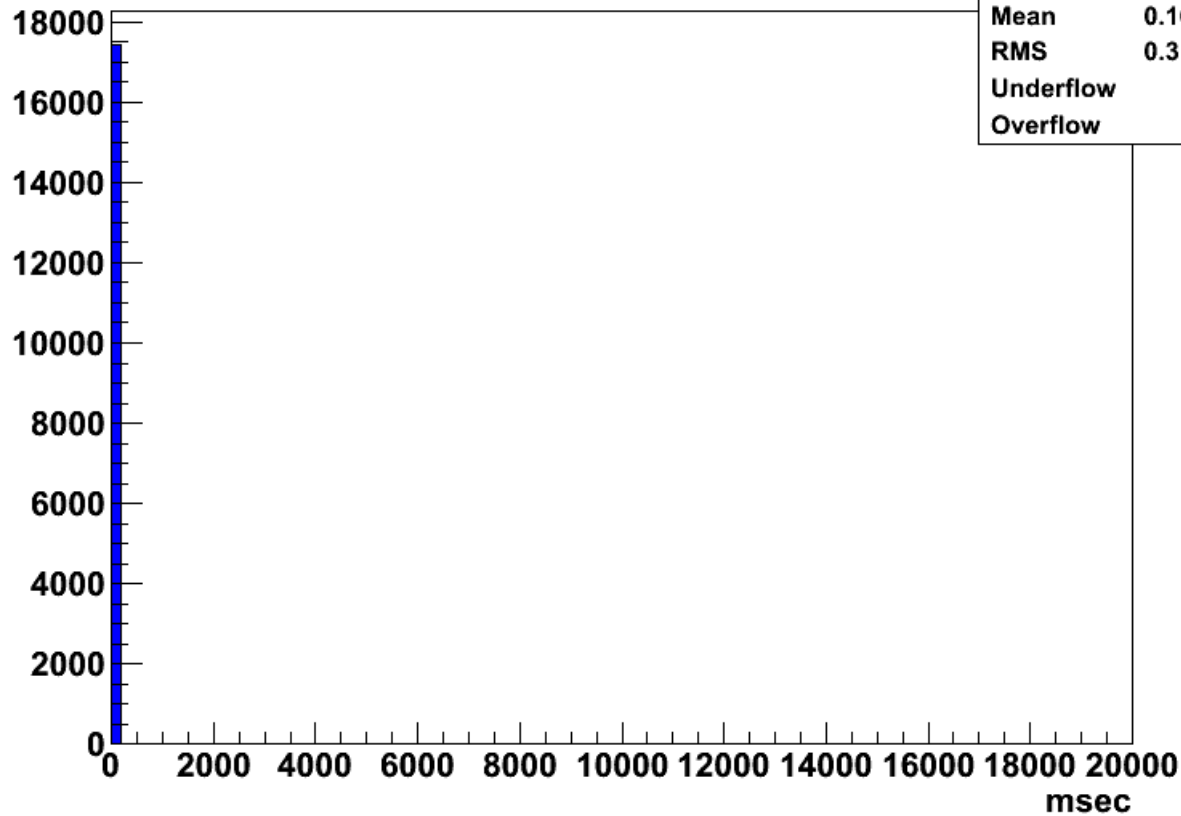
Running time per event for path HLT_QuadJet75_35_20_BTagIP_VBF_v7, module hltPreQuadJet75553520BTagIPVBF



Entries	17411
Mean	0.00379
RMS	0.06144
Underflow	0
Overflow	0

2.5.27 hltEcalRawToRecHitFacility

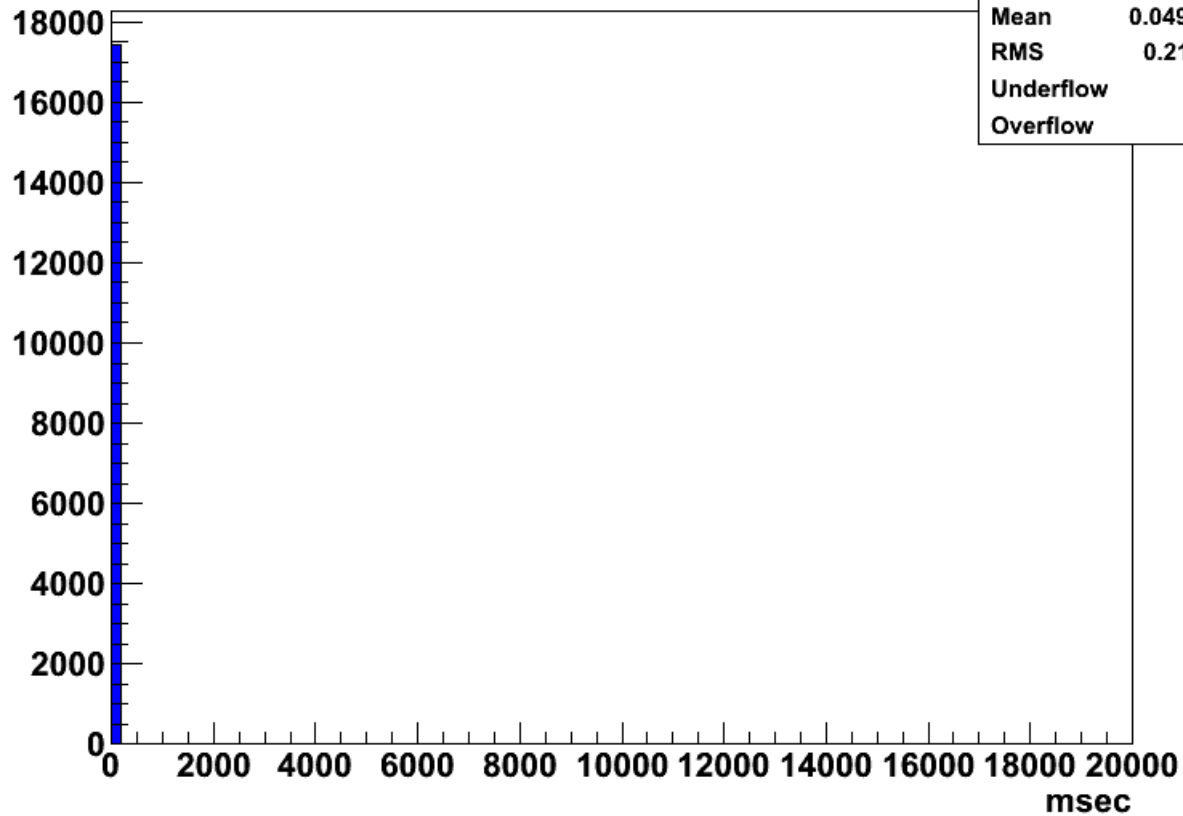
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltEcalRawToRecHitFacility



Entries	17411
Mean	0.1096
RMS	0.3138
Underflow	0
Overflow	0

2.5.28 hltEcalRegionalRestFEDs

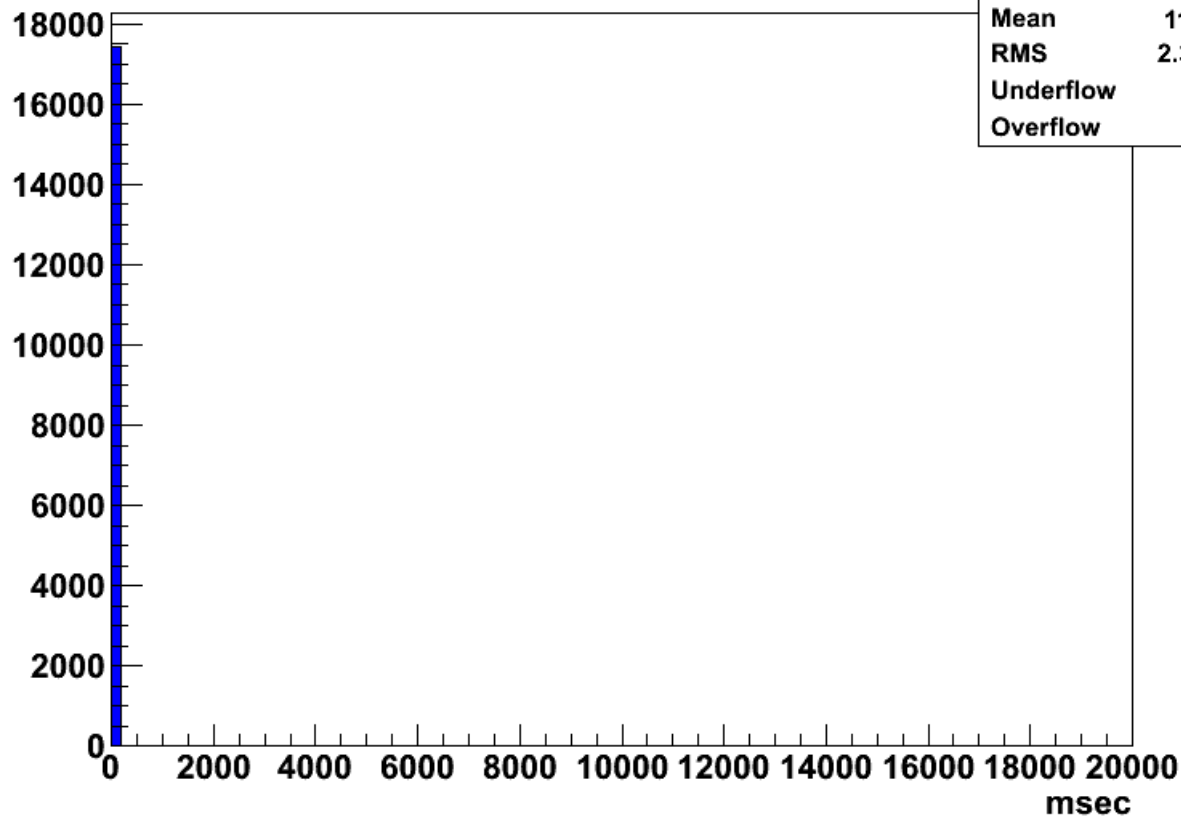
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltEcalRegionalRestFEDs



Entries	17411
Mean	0.04944
RMS	0.2176
Underflow	0
Overflow	0

2.5.29 hltEcalRecHitAll

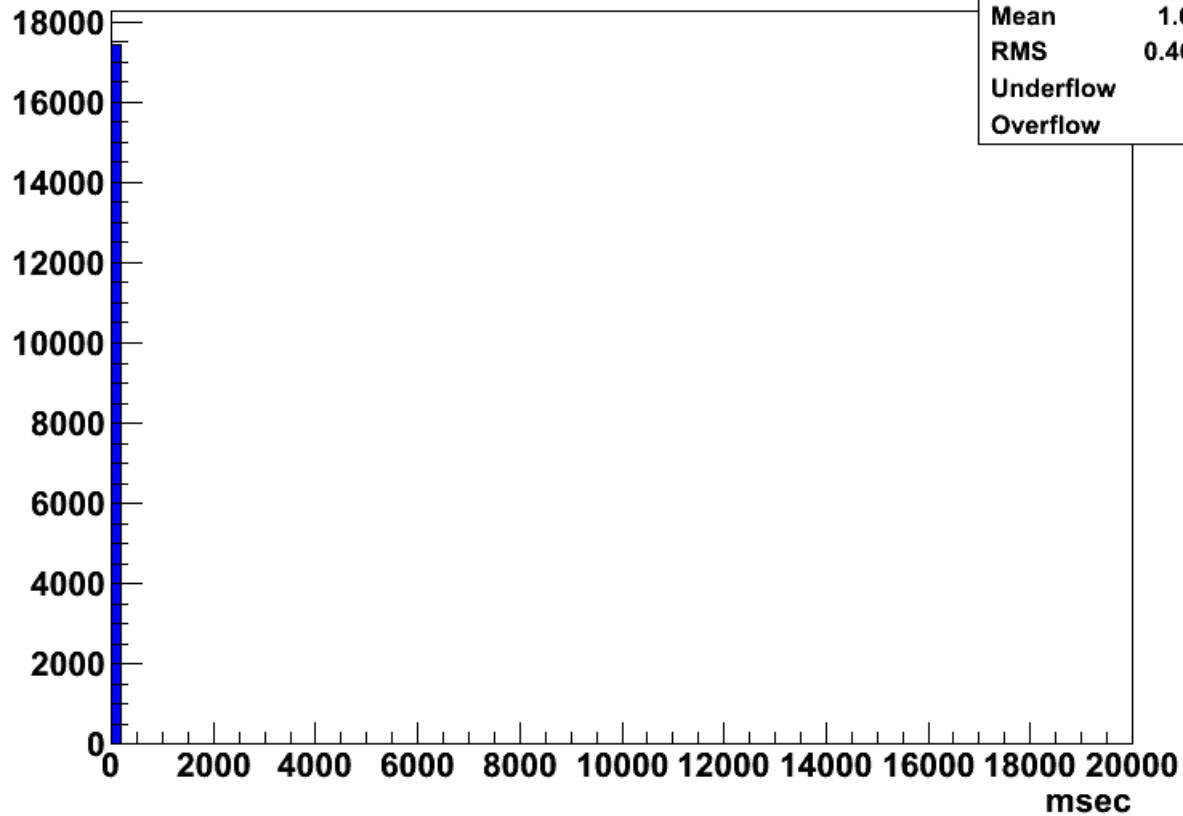
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltEcalRecHitAll



Entries	17411
Mean	11.11
RMS	2.344
Underflow	0
Overflow	0

2.5.30 hltHcalDigis

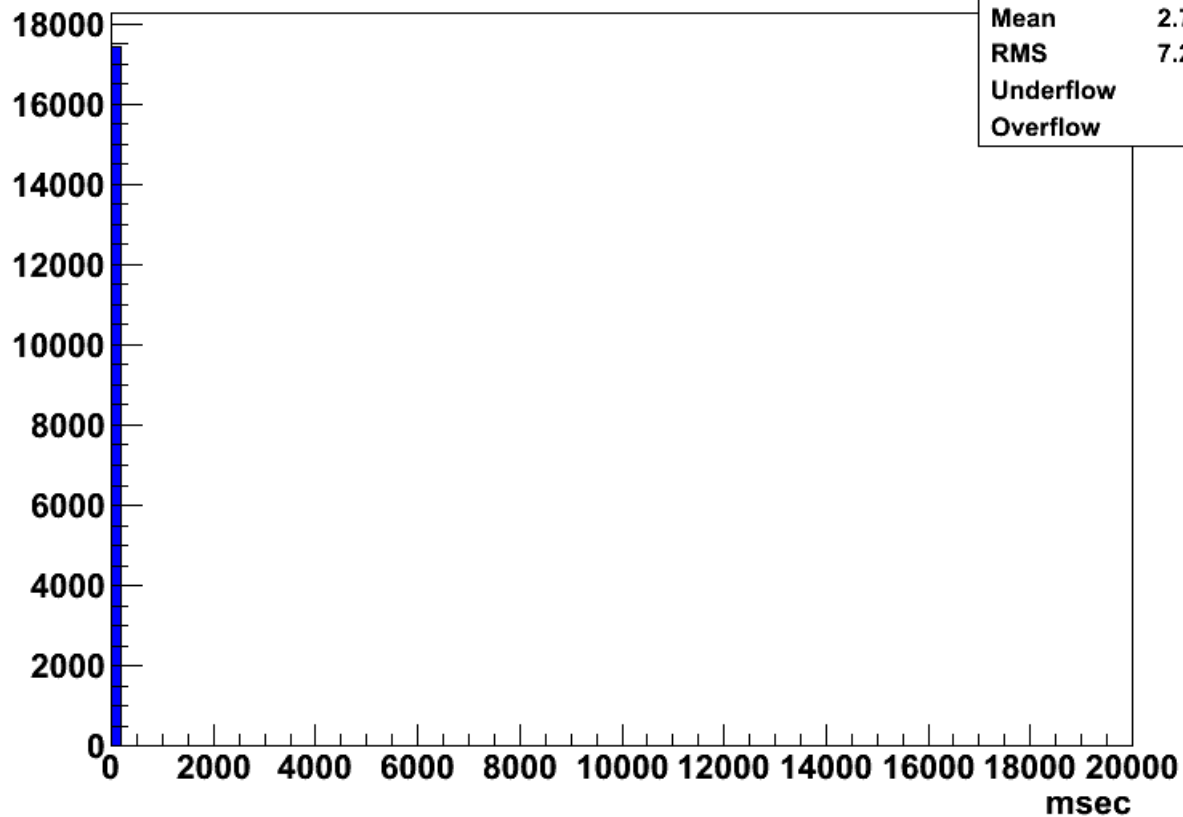
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltHcalDigis



Entries	17411
Mean	1.699
RMS	0.4626
Underflow	0
Overflow	0

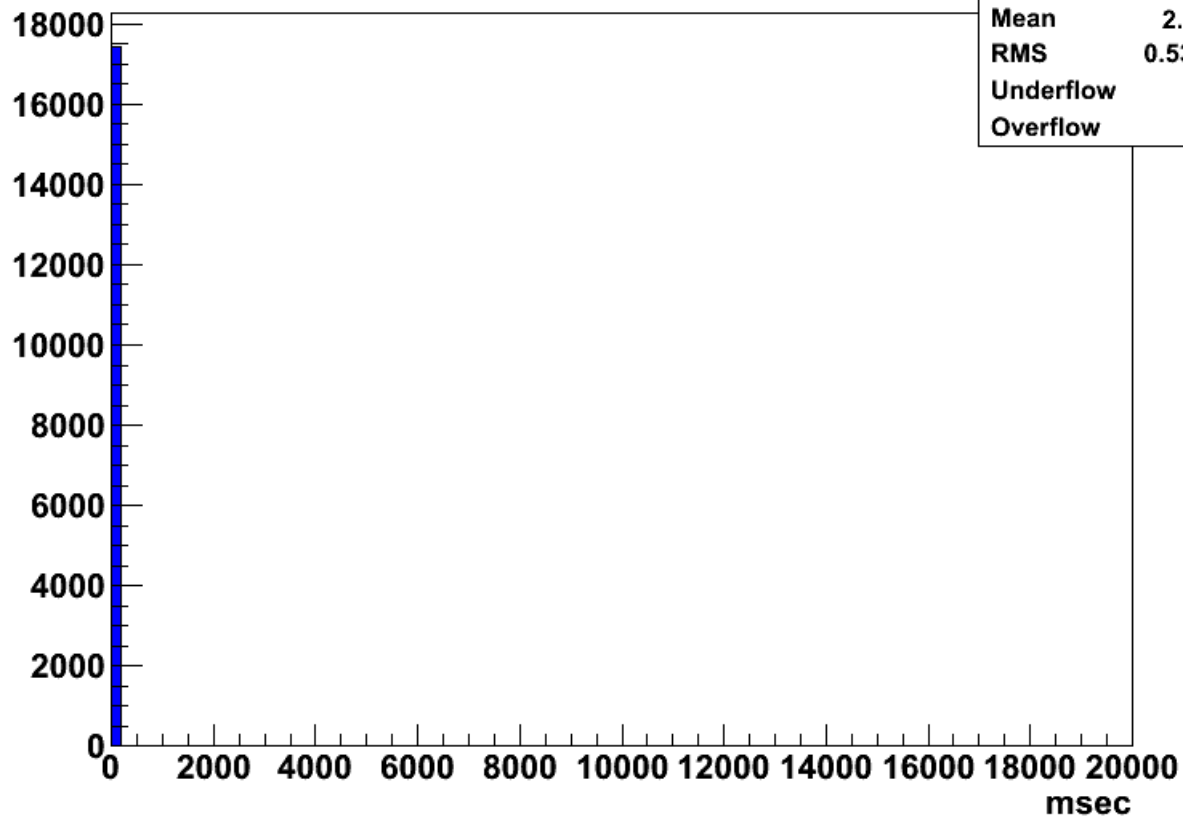
2.5.31 hltHbhereco

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltHbhereco



2.5.32 hltHfreco

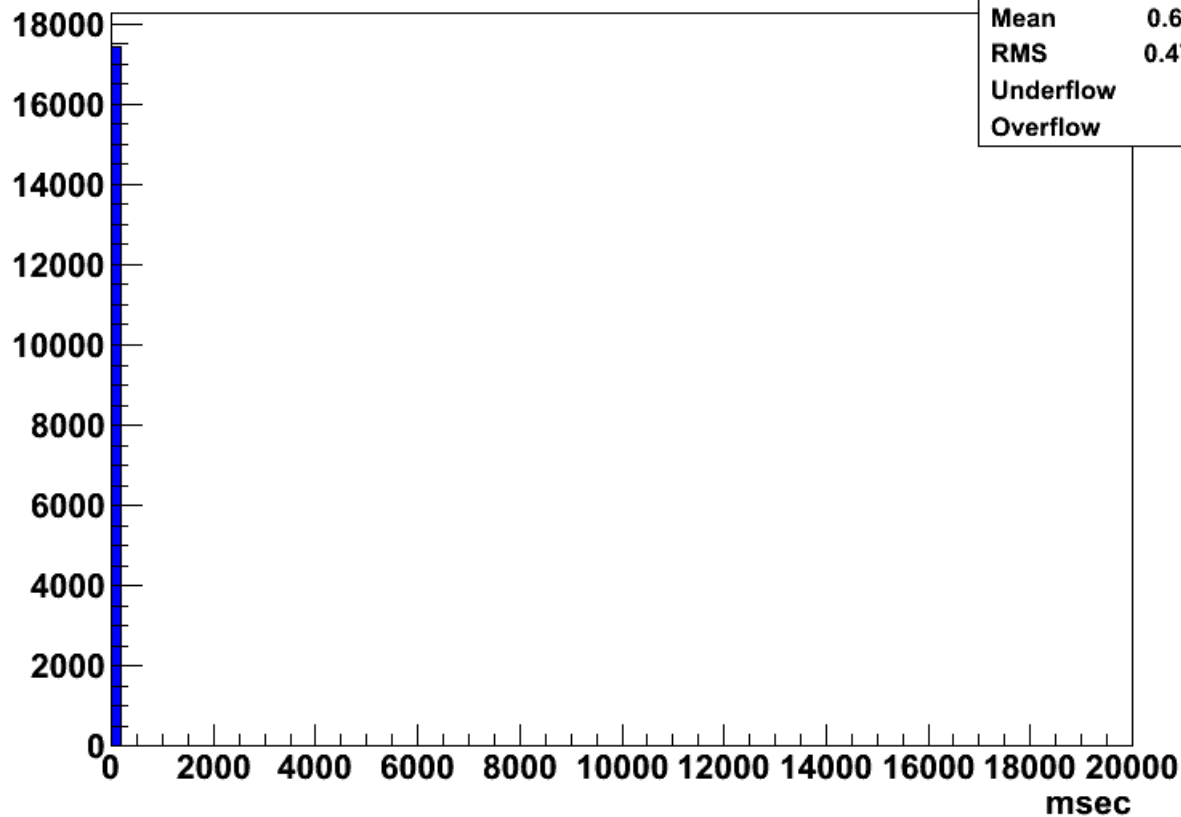
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltHfreco



Entries	17411
Mean	2.711
RMS	0.5376
Underflow	0
Overflow	0

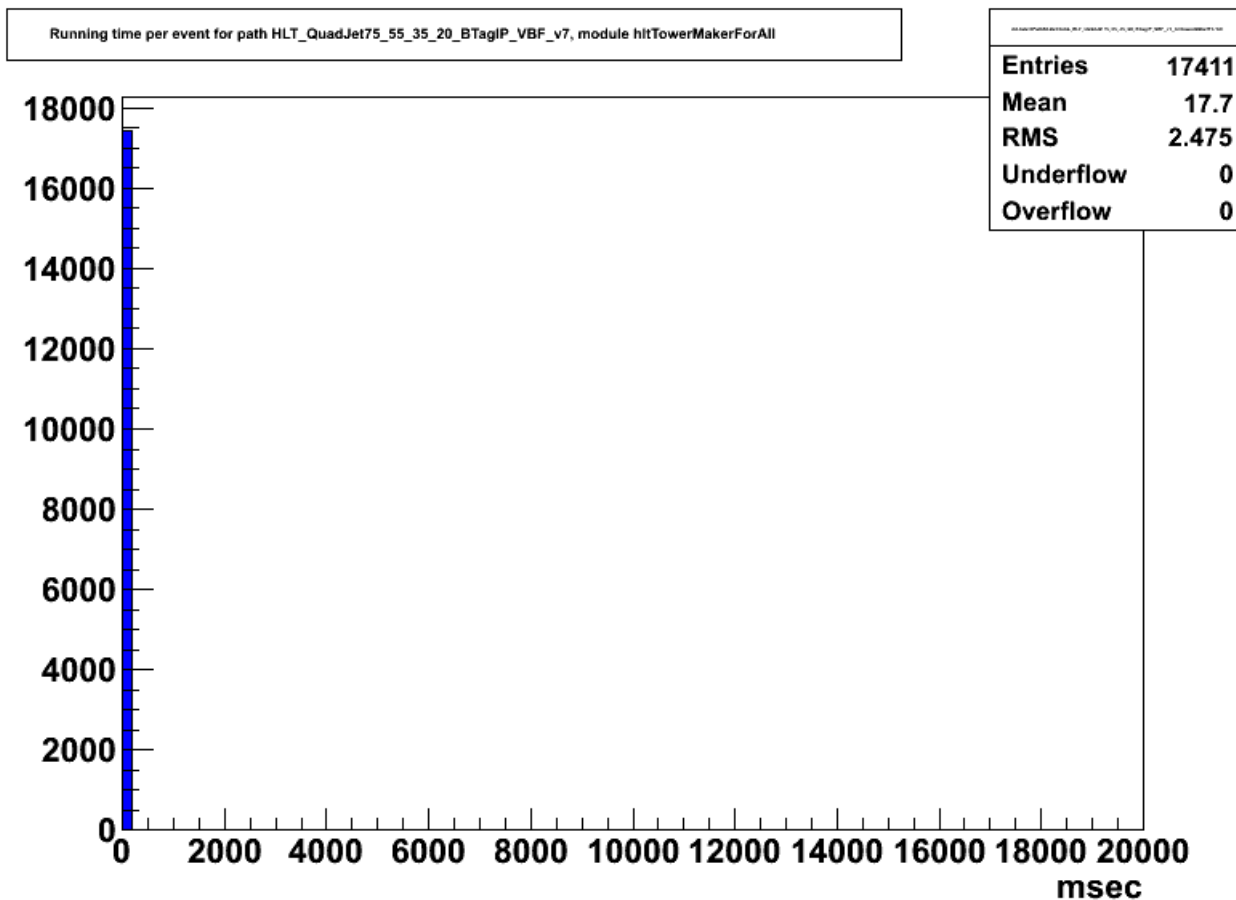
2.5.33 hltHoreco

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltHoreco



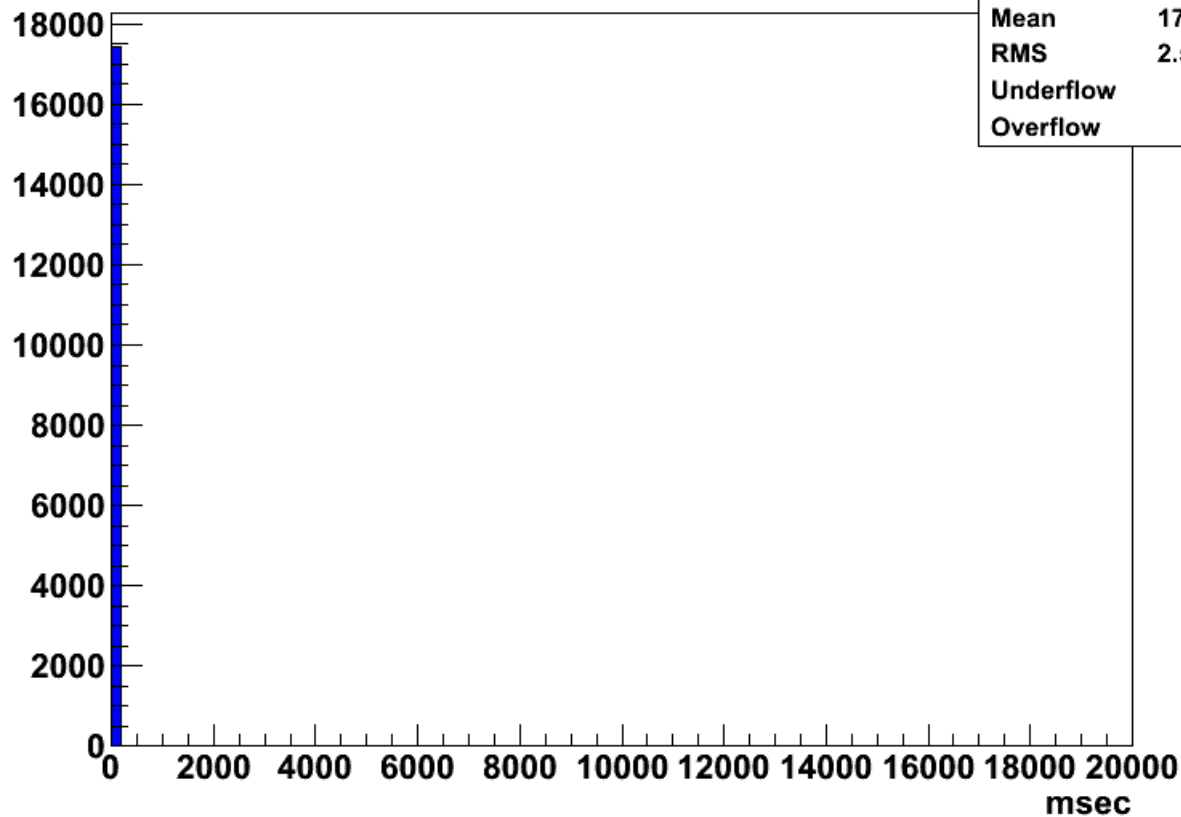
Entries	17411
Mean	0.6521
RMS	0.4798
Underflow	0
Overflow	0

2.5.34 hltTowerMakerForAll



2.5.35 hltKT6CaloJets

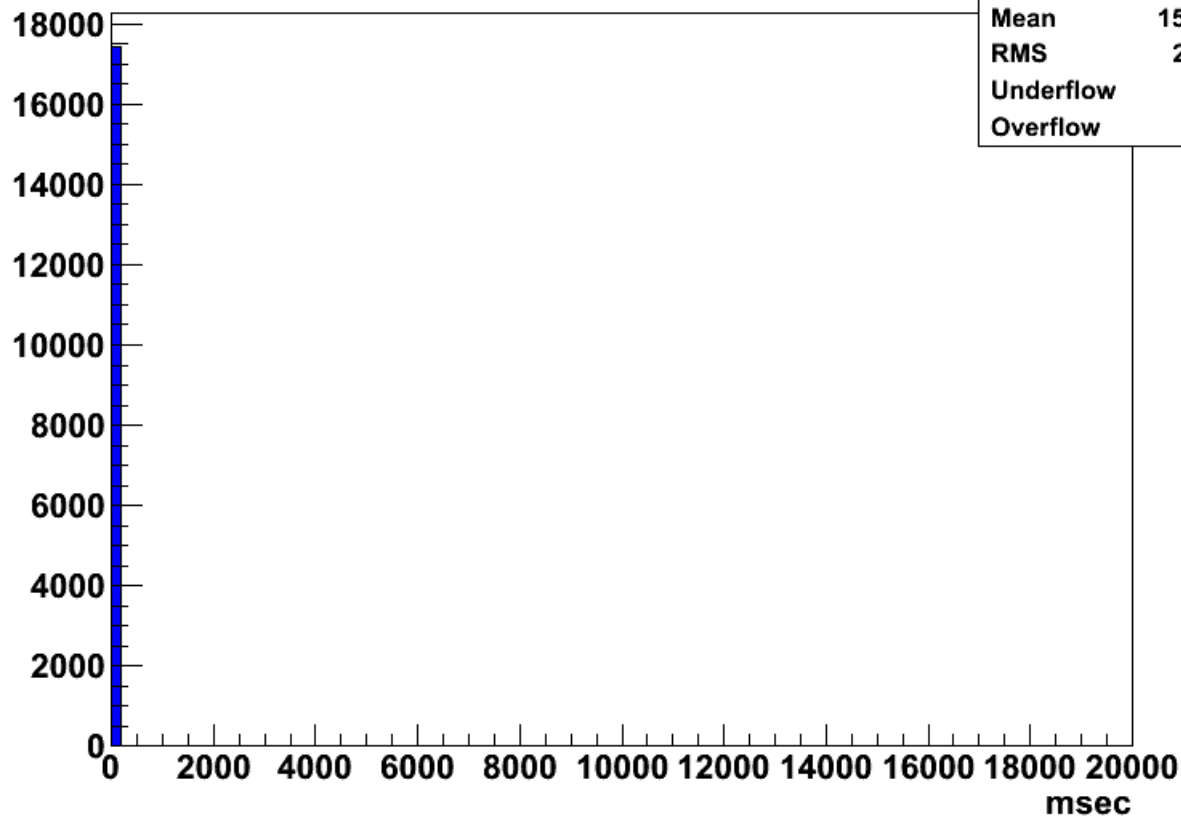
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltKT6CaloJets



Entries	17411
Mean	17.88
RMS	2.559
Underflow	0
Overflow	0

2.5.36 hltAntiKT5CaloJets

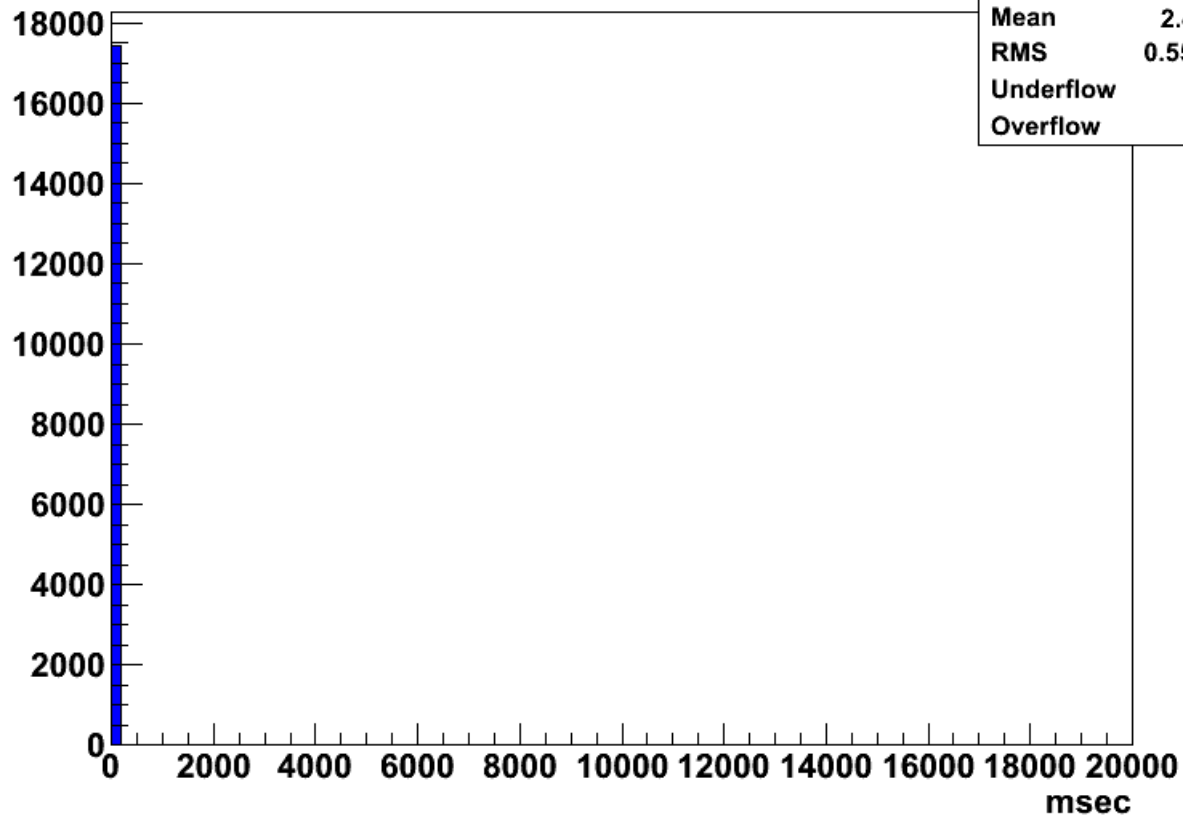
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltAntiKT5CaloJets



Entries	17411
Mean	15.62
RMS	2.26
Underflow	0
Overflow	0

2.5.37 hltCaloJetIDPassed

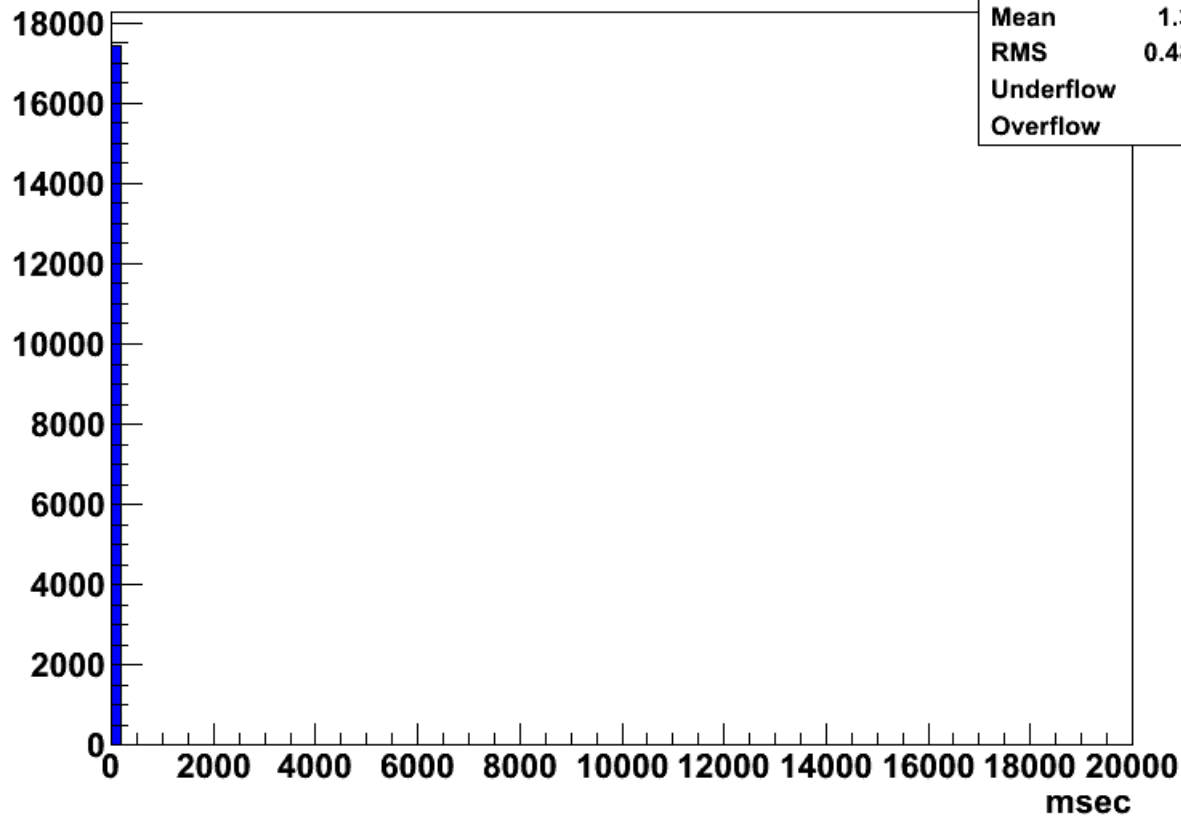
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltCaloJetIDPassed



Entries	17411
Mean	2.441
RMS	0.5546
Underflow	0
Overflow	0

2.5.38 hltCaloJetL1FastJetCorrected

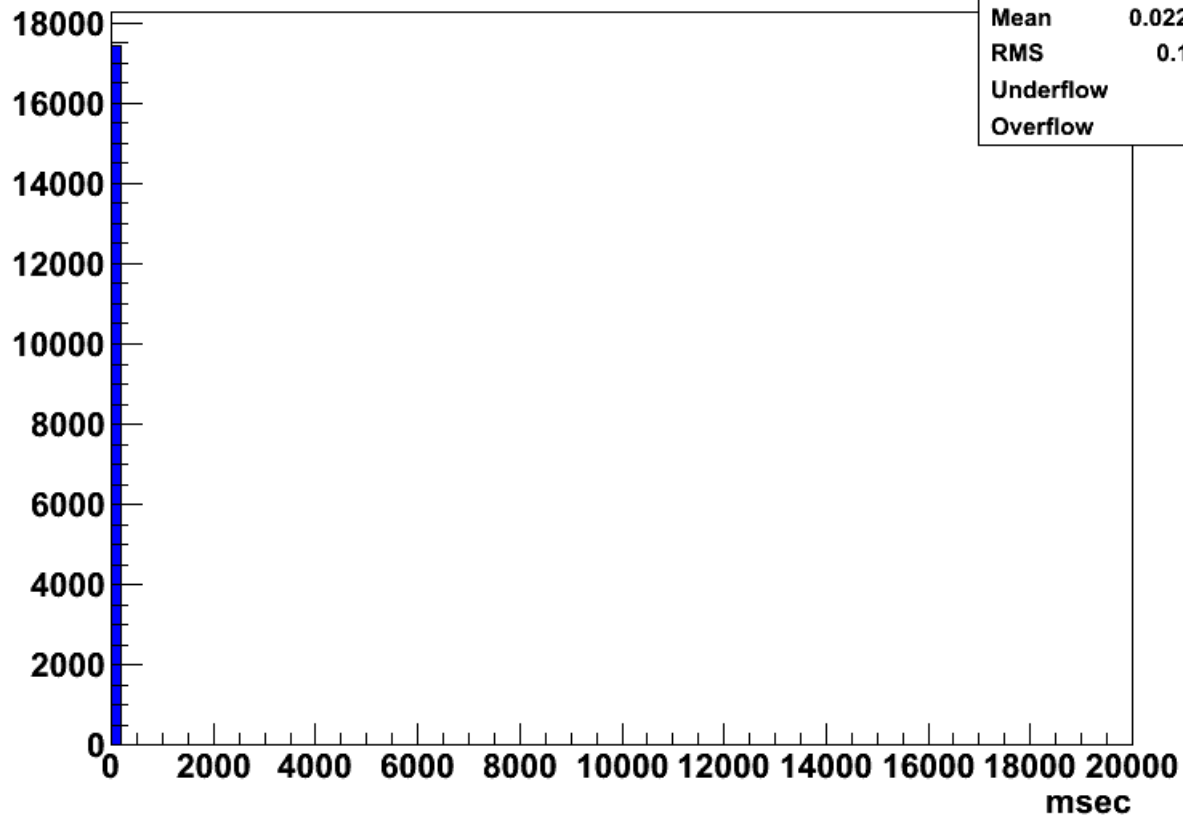
Running time per event for path HLT_QuadJet75_55_20_BTagIP_VBF_v7, module hltCaloJetL1FastJetCorrected



Entries	17411
Mean	1.388
RMS	0.4886
Underflow	0
Overflow	0

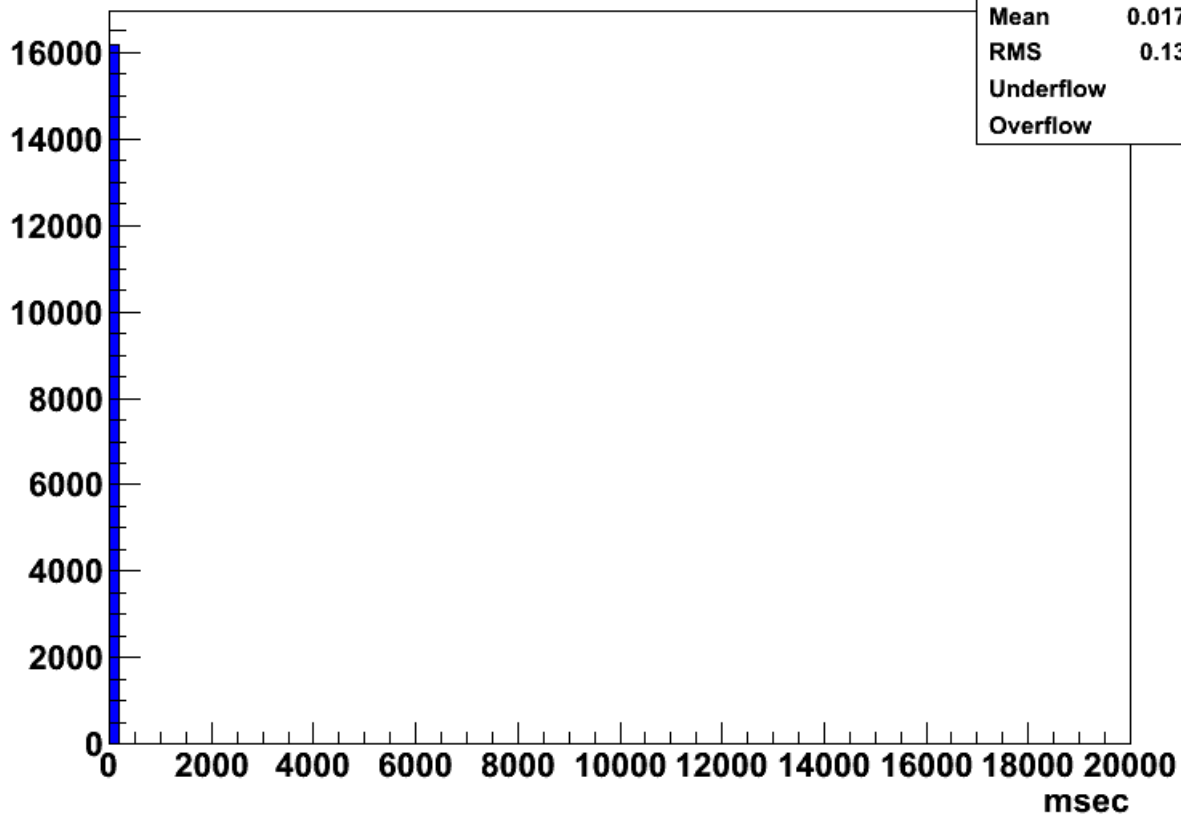
2.5.39 hltL1FastJetSingle75HbbVBF

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltL1FastJetSingle75HbbVBF



2.5.40 hltL1FastJetDouble55HbbVBF

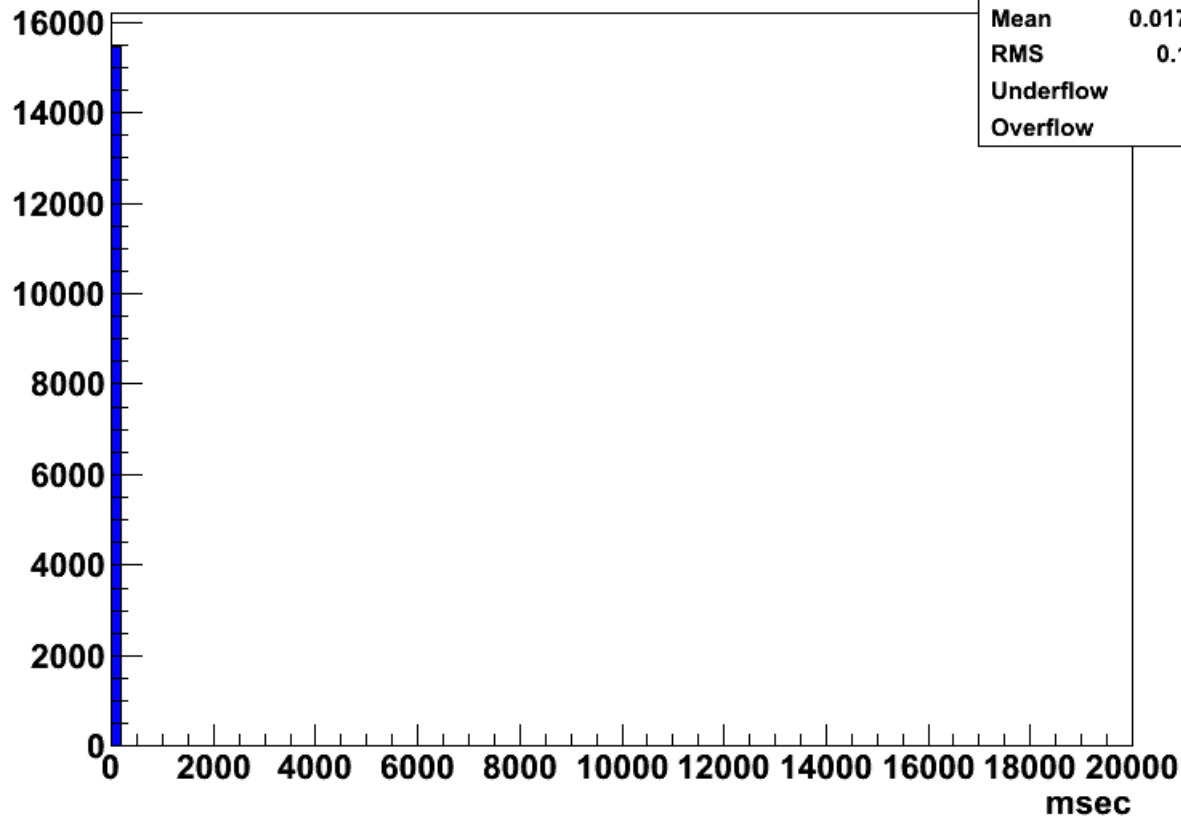
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltL1FastJetDouble55HbbVBF



Entries	16160
Mean	0.01757
RMS	0.1314
Underflow	0
Overflow	0

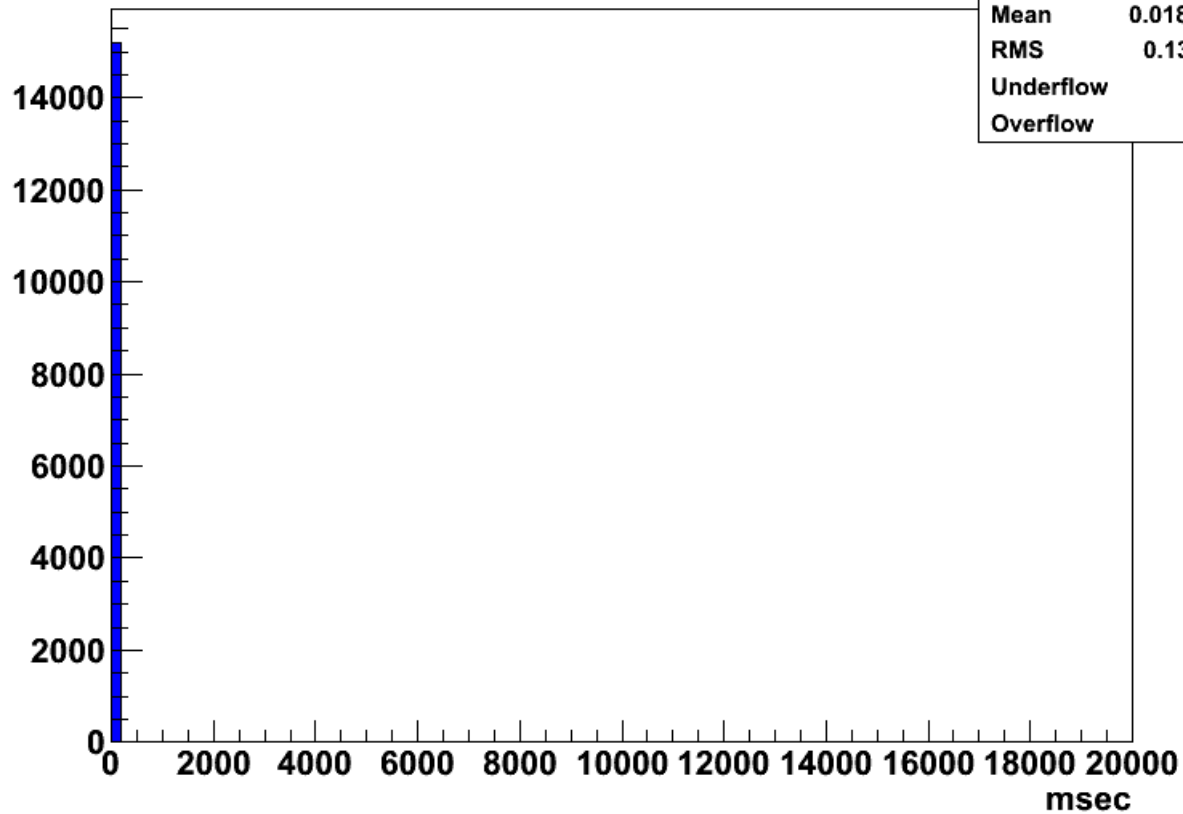
2.5.41 hltL1FastJetTriple35HbbVBF

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltL1FastJetTriple35HbbVBF



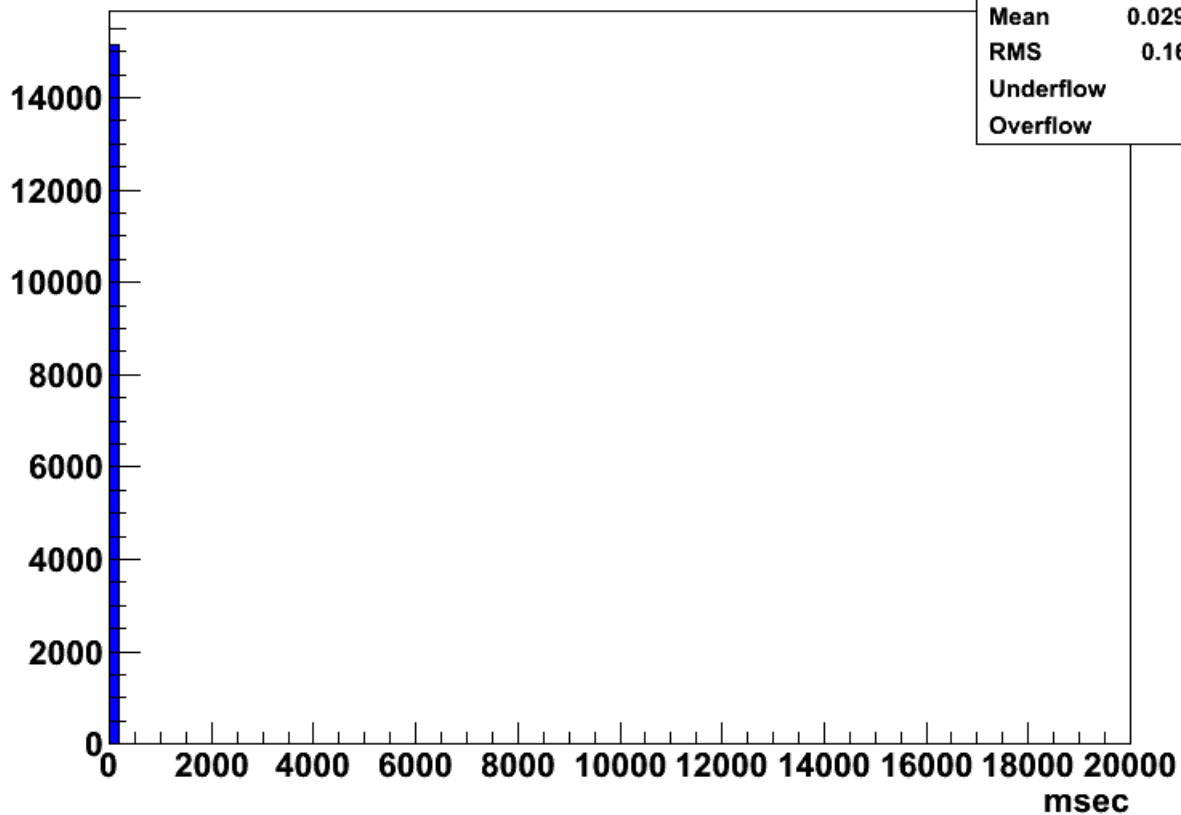
2.5.42 hltL1FastJetQuad20HbbVBF

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltL1FastJetQuad20HbbVBF



2.5.43 hltCaloL1FastJetEtaSortedVBF

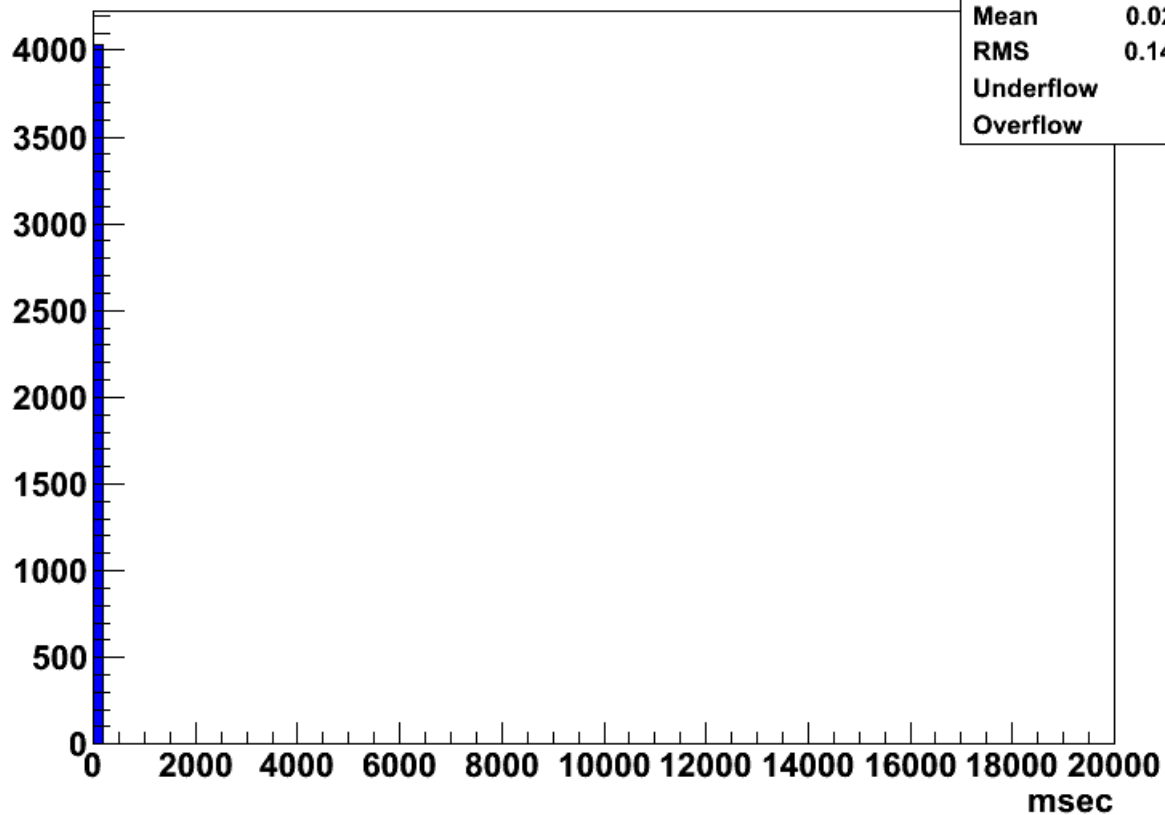
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltCaloL1FastJetEtaSortedVBF



Entries	15131
Mean	0.02934
RMS	0.1687
Underflow	0
Overflow	0

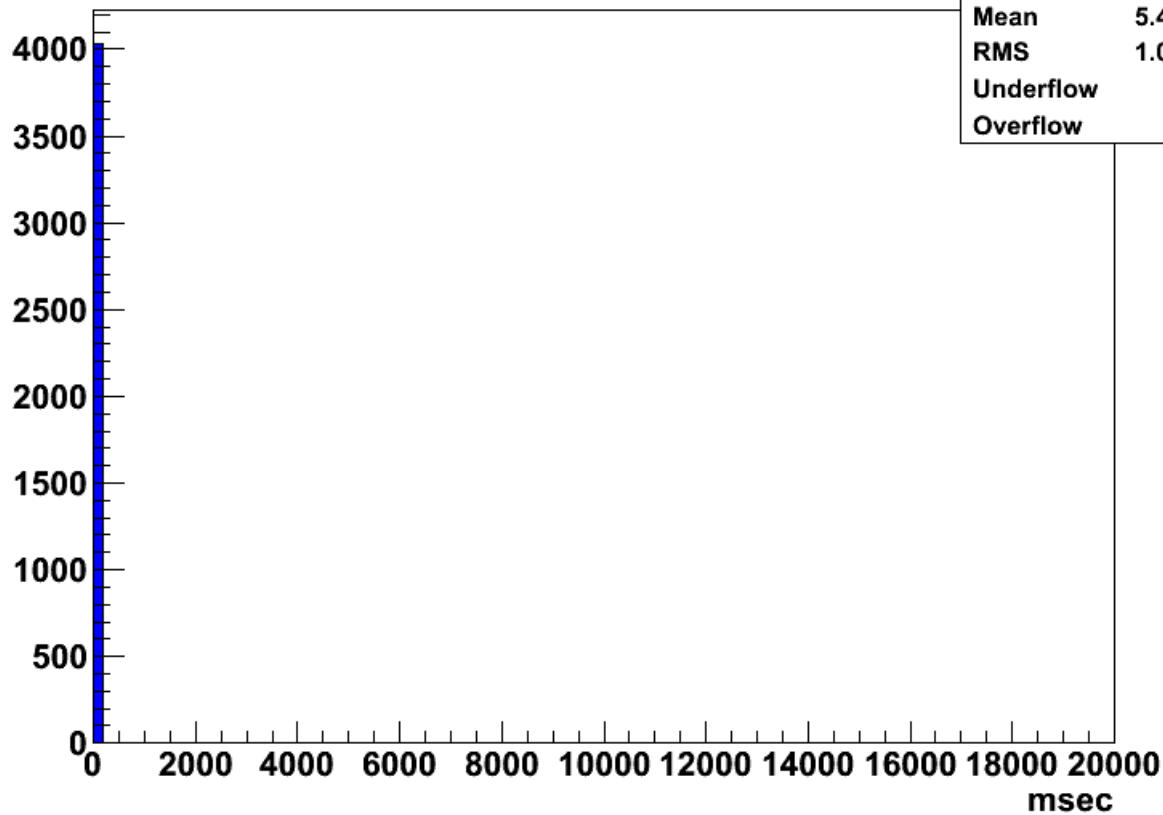
2.5.44 hltBJetHbbVBF

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltBJetHbbVBF



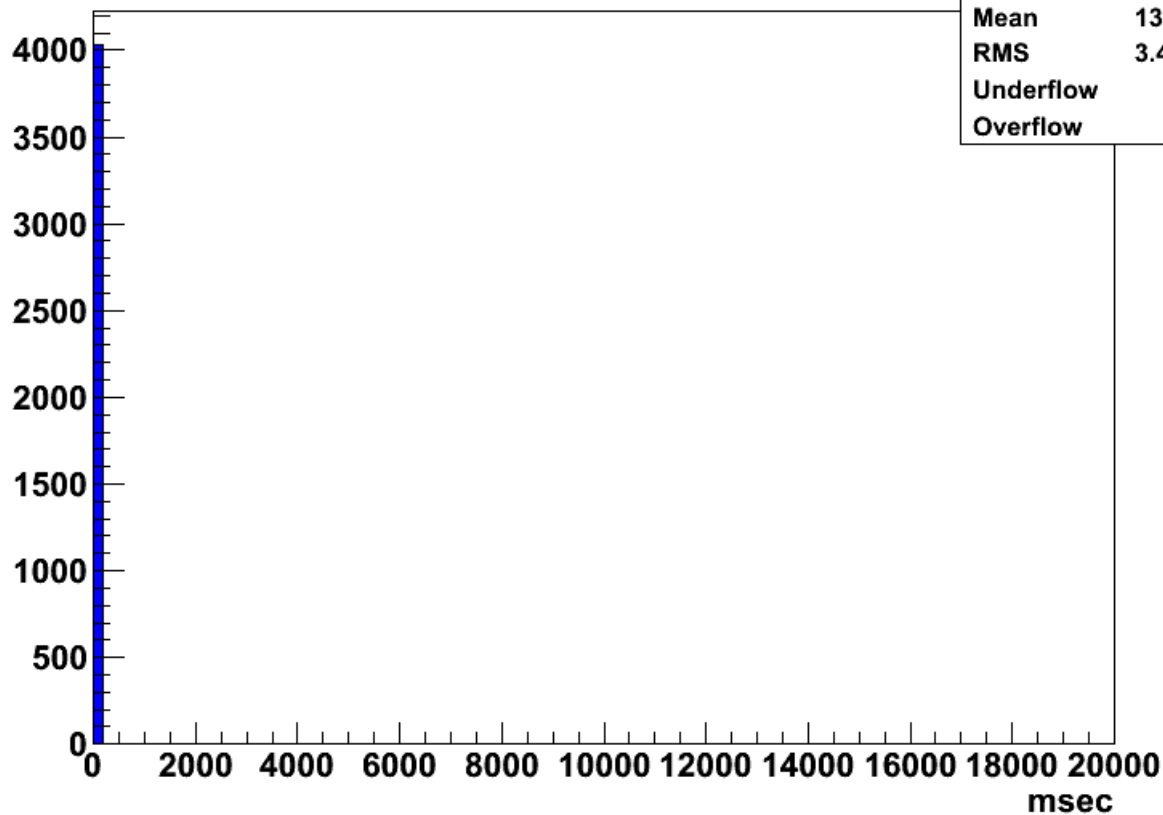
2.5.45 hltSiPixelDigis

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltSiPixelDigis



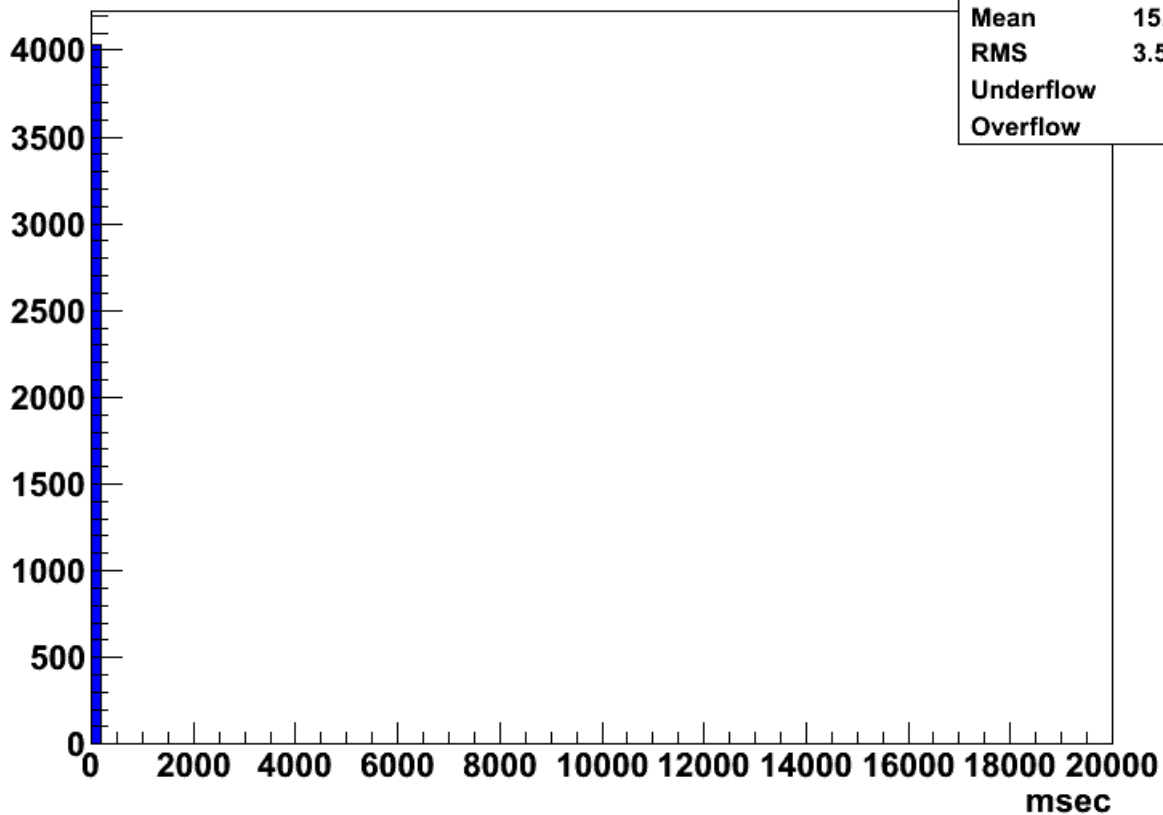
2.5.46 hltSiPixelClusters

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltSiPixelClusters



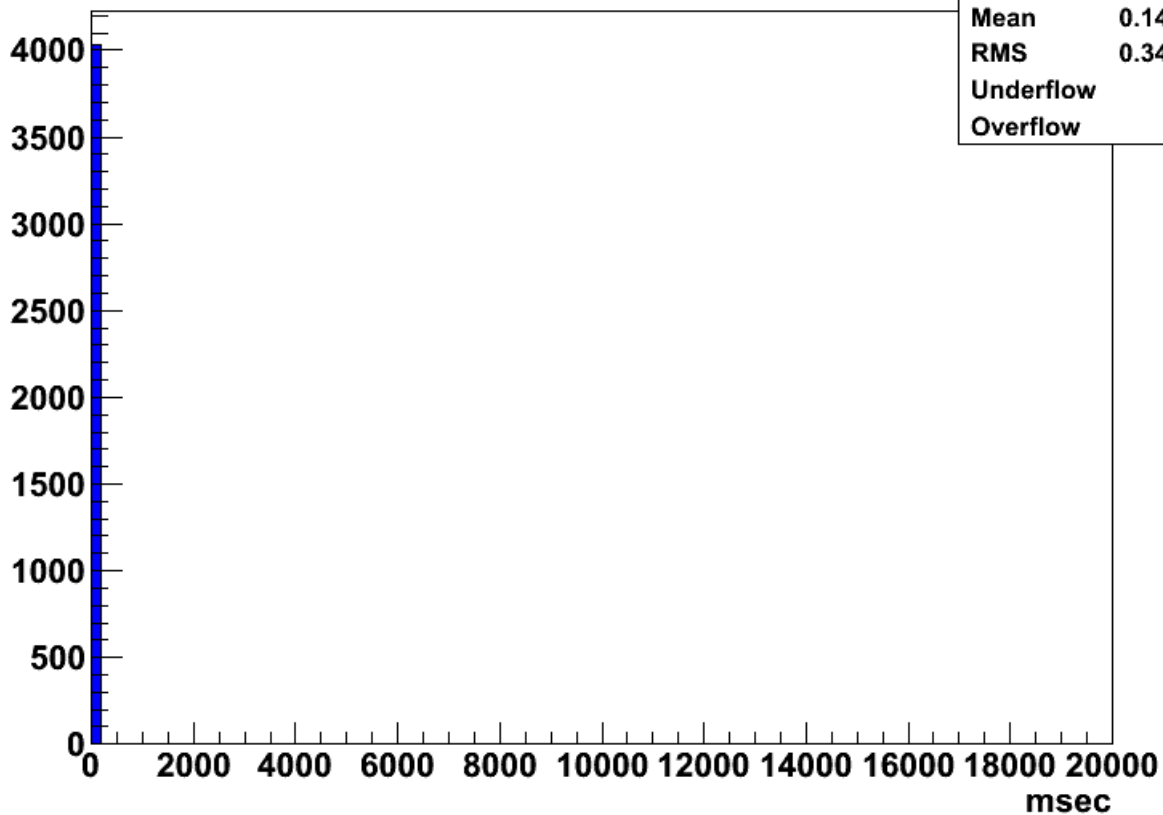
2.5.47 hltSiPixelRecHits

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltSiPixelRecHits



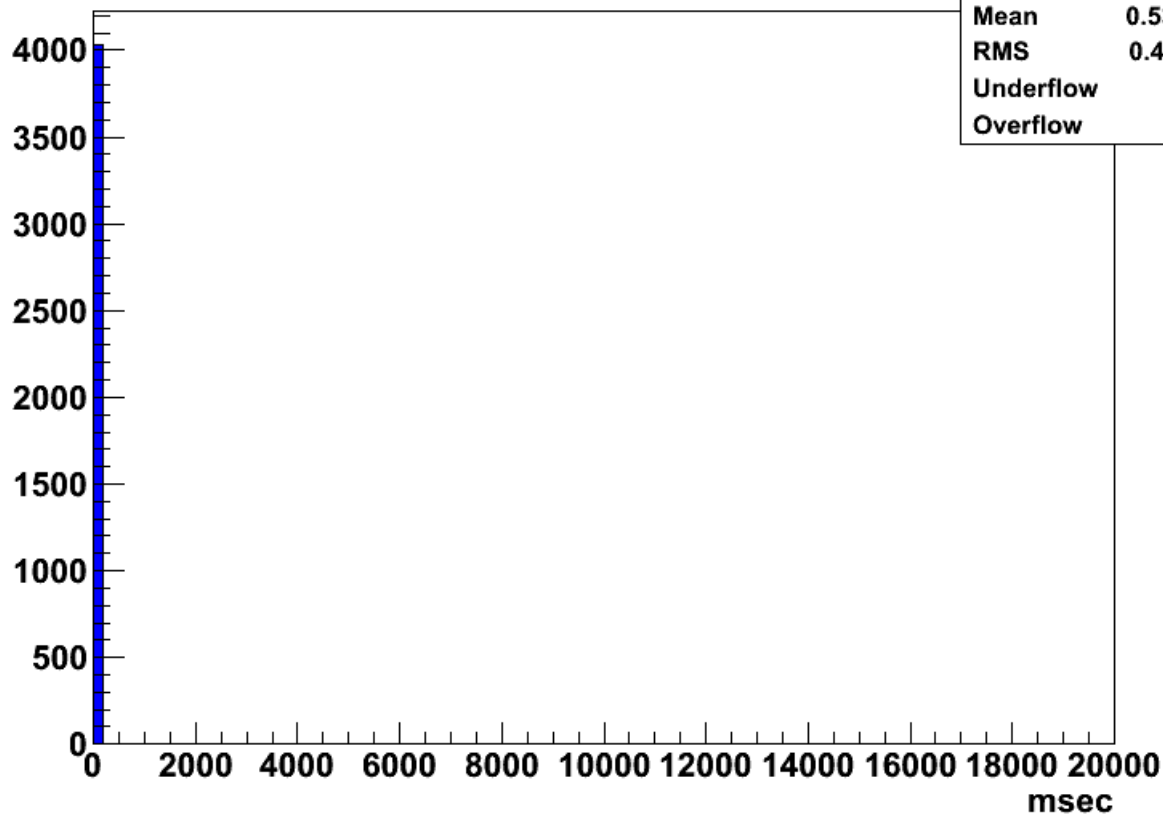
2.5.48 hltGetJetsfromBJetHbbVBF

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltGetJetsfromBJetHbbVBF



2.5.49 hltSelectorJetsHbbVBF

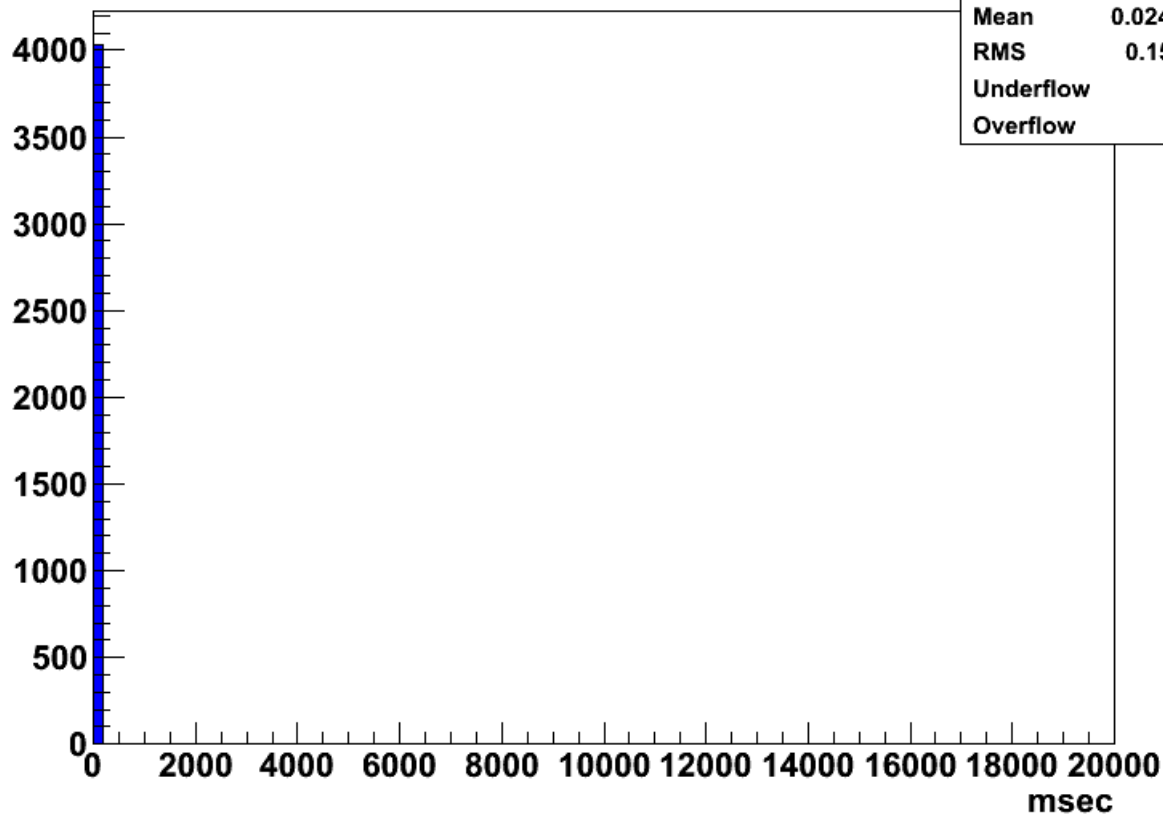
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltSelectorJetsHbbVBF



Entries	4027
Mean	0.5365
RMS	0.4991
Underflow	0
Overflow	0

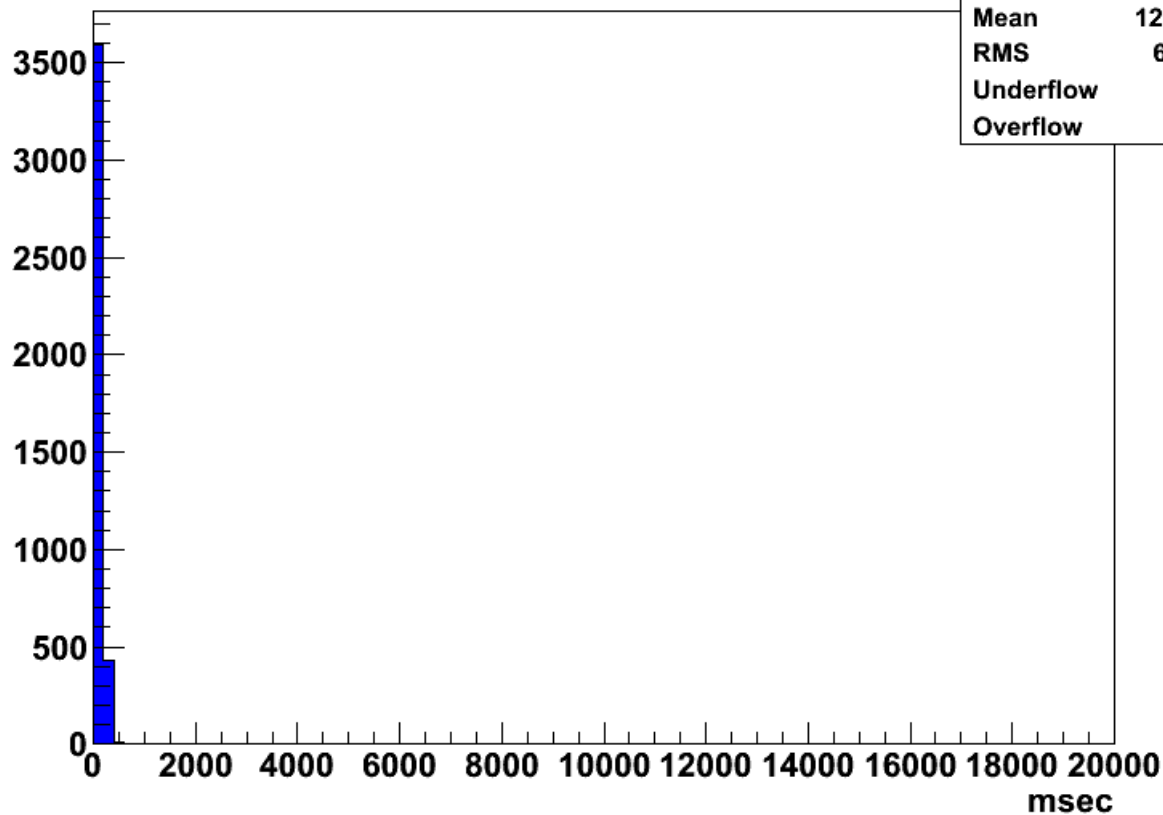
2.5.50 hltBLifetimeL25JetsHbbVBF

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltBLifetimeL25JetsHbbVBF



2.5.51 hltPixelTracks

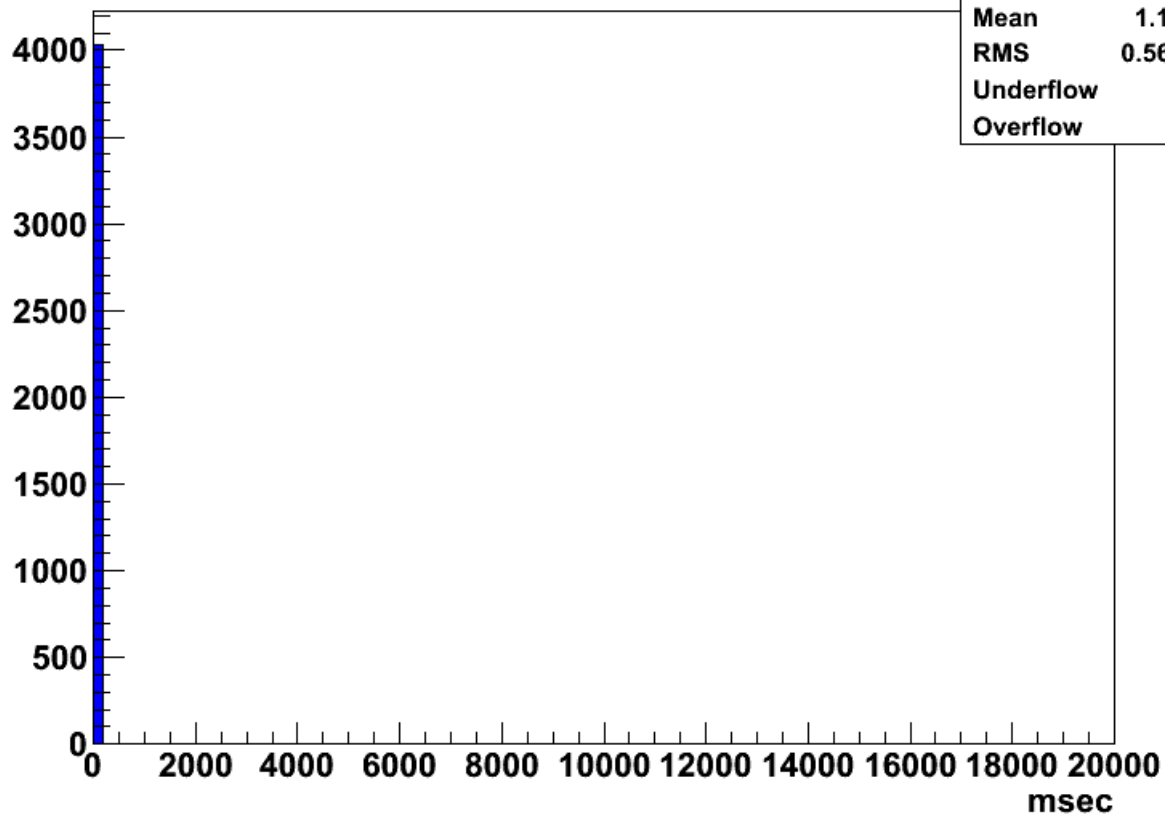
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltPixelTracks



Entries	4027
Mean	120.8
RMS	64.1
Underflow	0
Overflow	0

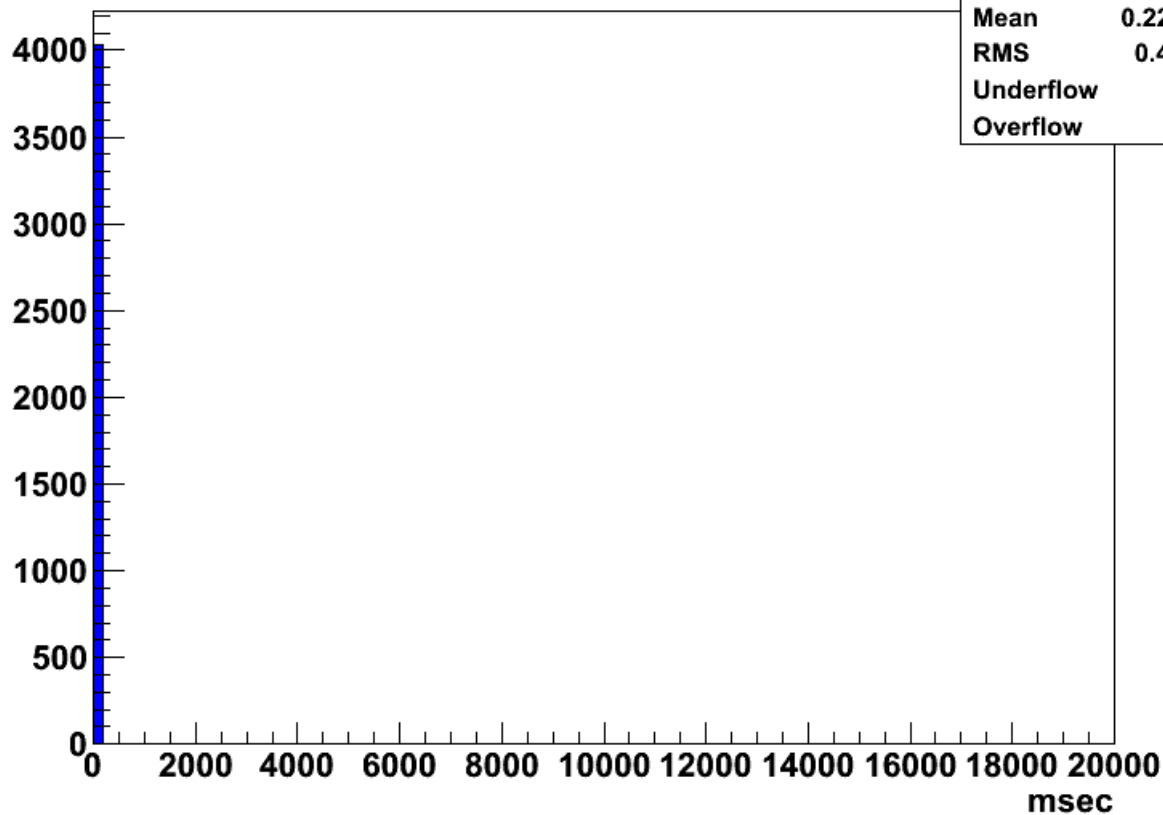
2.5.52 hltPixelVertices

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltPixelVertices



2.5.53 hltBLifetimeL25AssociatorHbbVBF

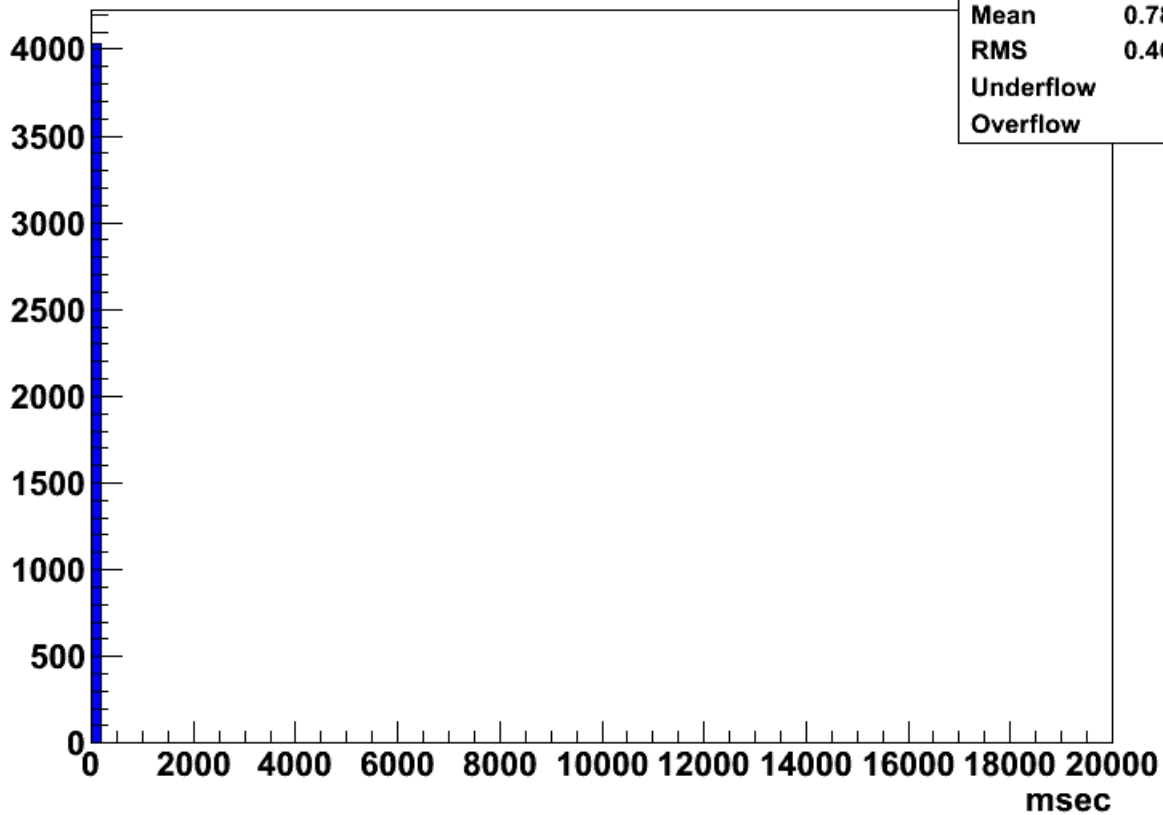
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltBLifetimeL25AssociatorHbbVBF



Entries	4027
Mean	0.2257
RMS	0.418
Underflow	0
Overflow	0

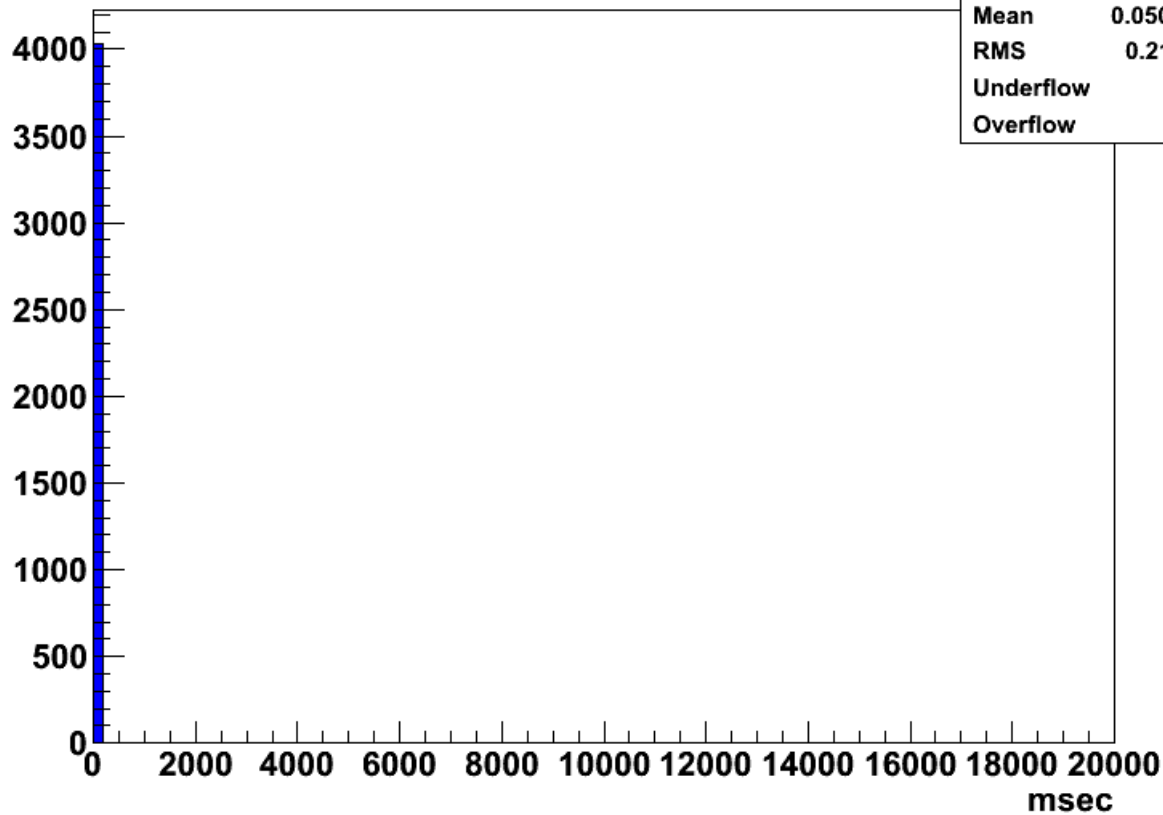
2.5.54 hltBLifetimeL25TagInfosHbbVBF

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltBLifetimeL25TagInfosHbbVBF



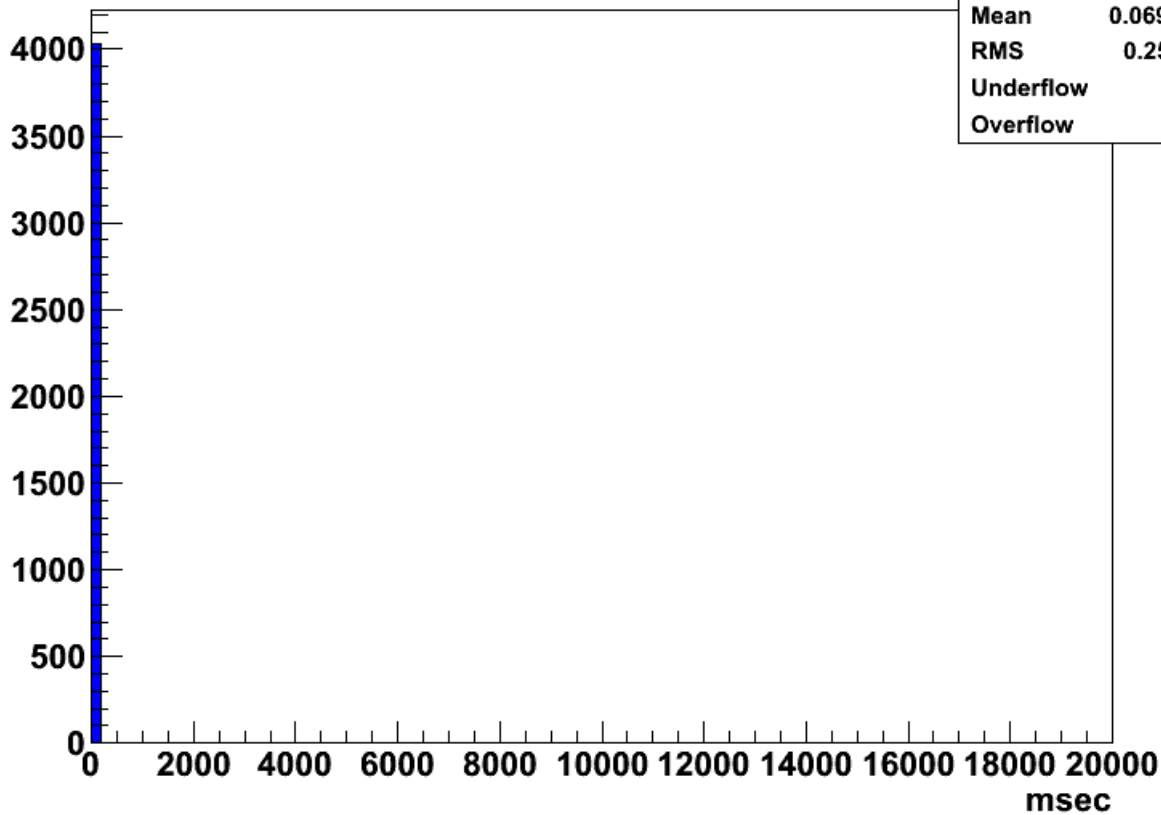
2.5.55 hltBLifetimeL25BJetTagsHbbVBF

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltBLifetimeL25BJetTagsHbbVBF



2.5.56 hltBLifetime2p5L25FilterHbbVBF

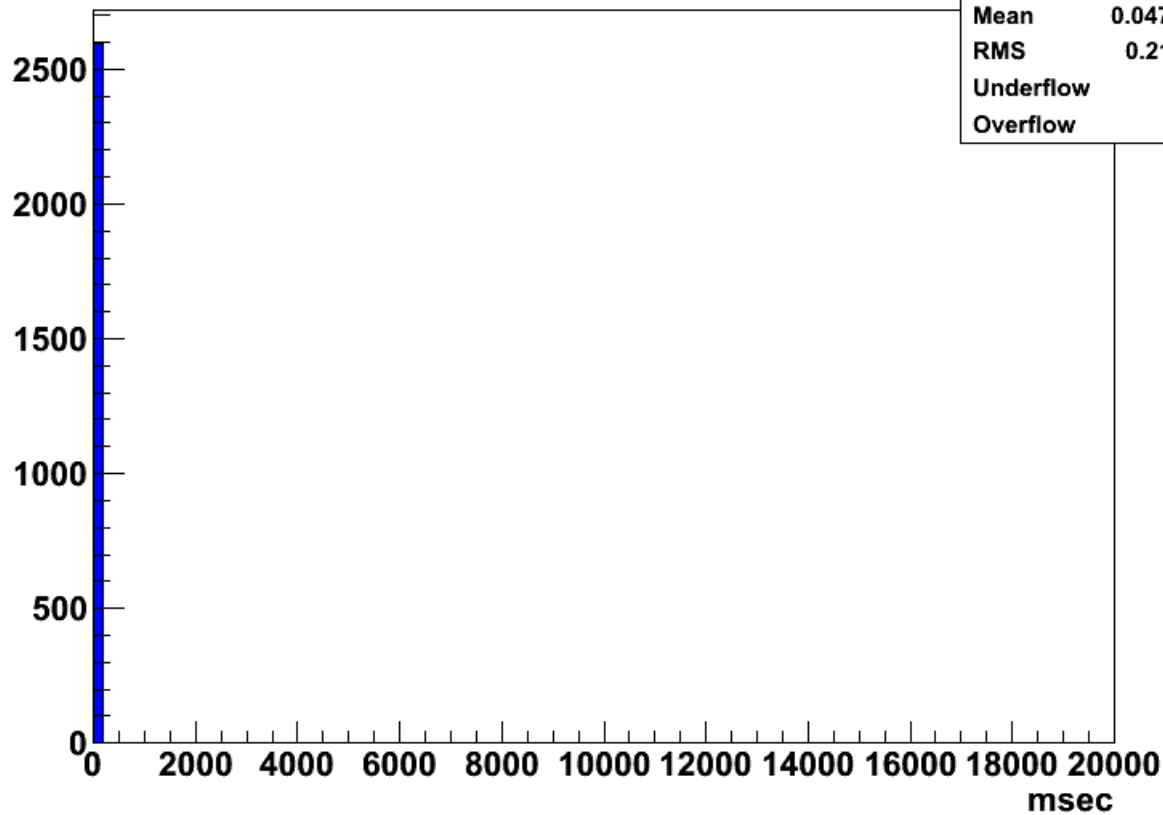
Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltBLifetime2p5L25FilterHbbVBF



Entries	4027
Mean	0.06902
RMS	0.2535
Underflow	0
Overflow	0

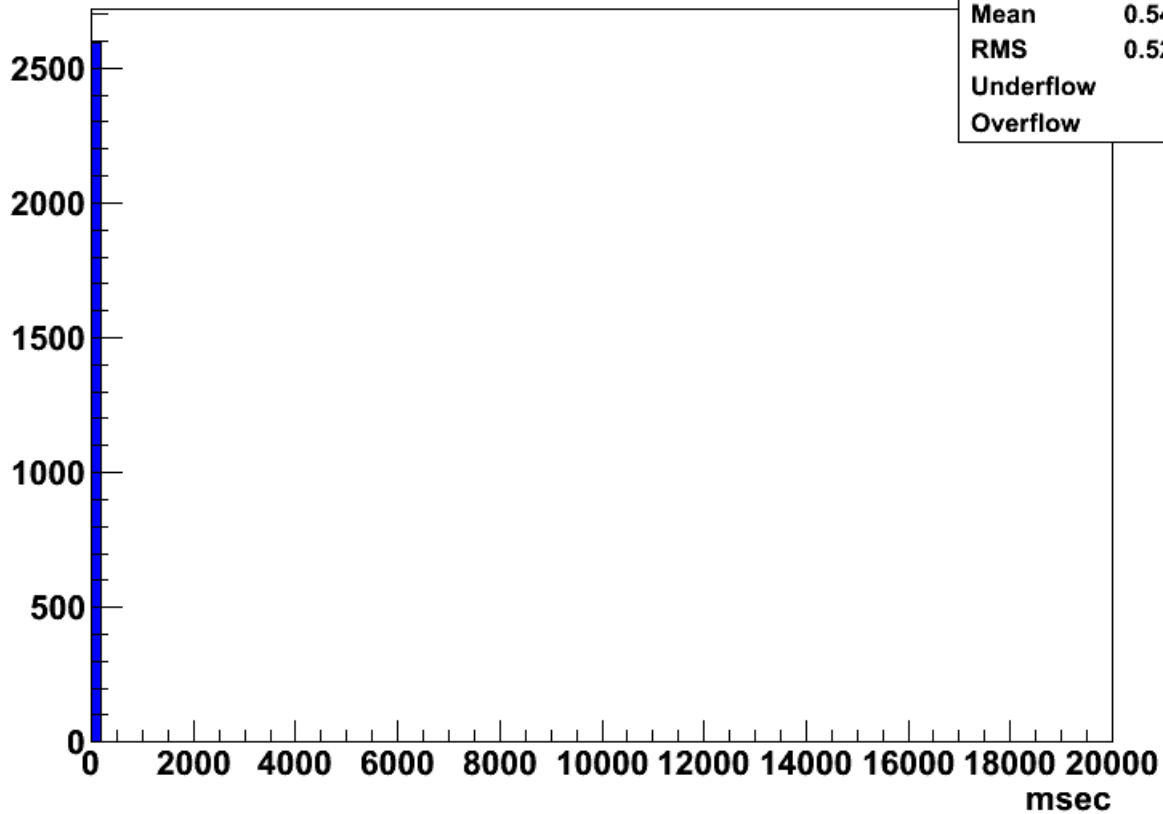
2.5.57 hltSiStripExcludedFEDListProducer

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltSiStripExcludedFEDListProducer



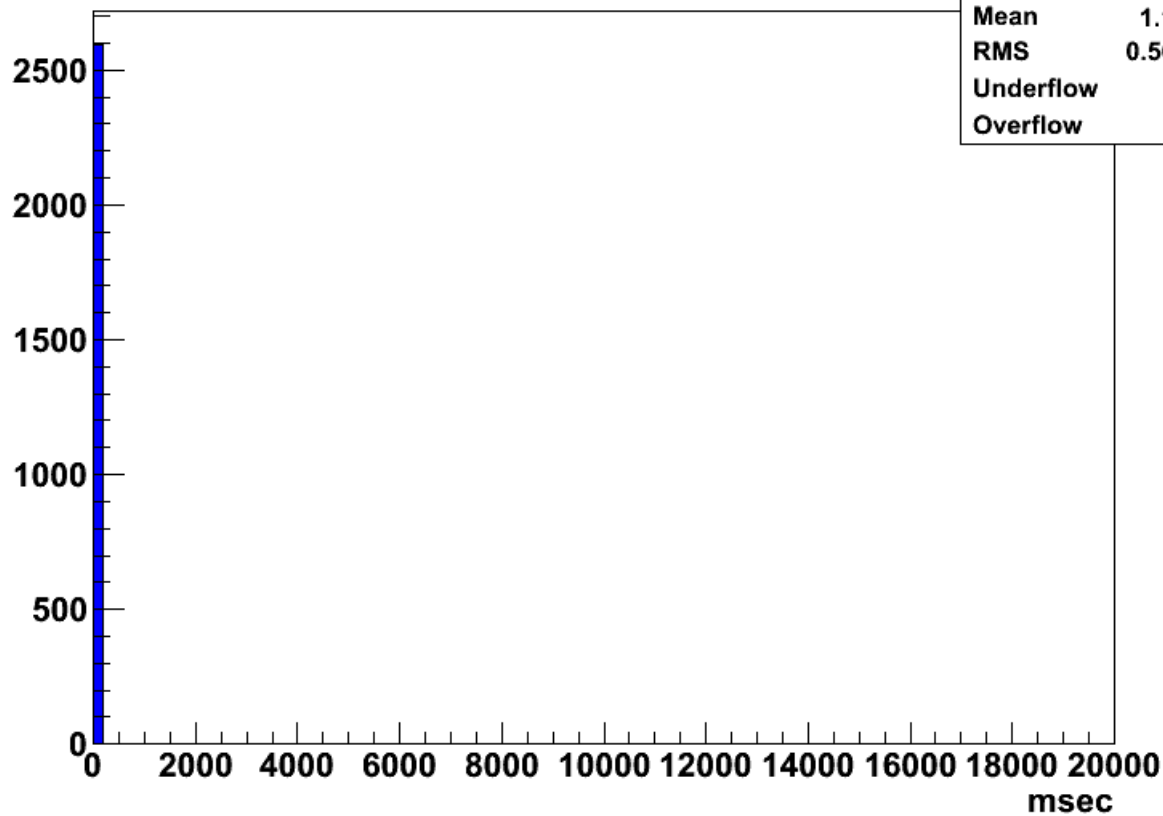
2.5.58 hltSiStripRawToClustersFacility

Running time per event for path HLT_QuadJet75_55_20_BTagIP_VBF_v7, module hltSiStripRawToClustersFacility



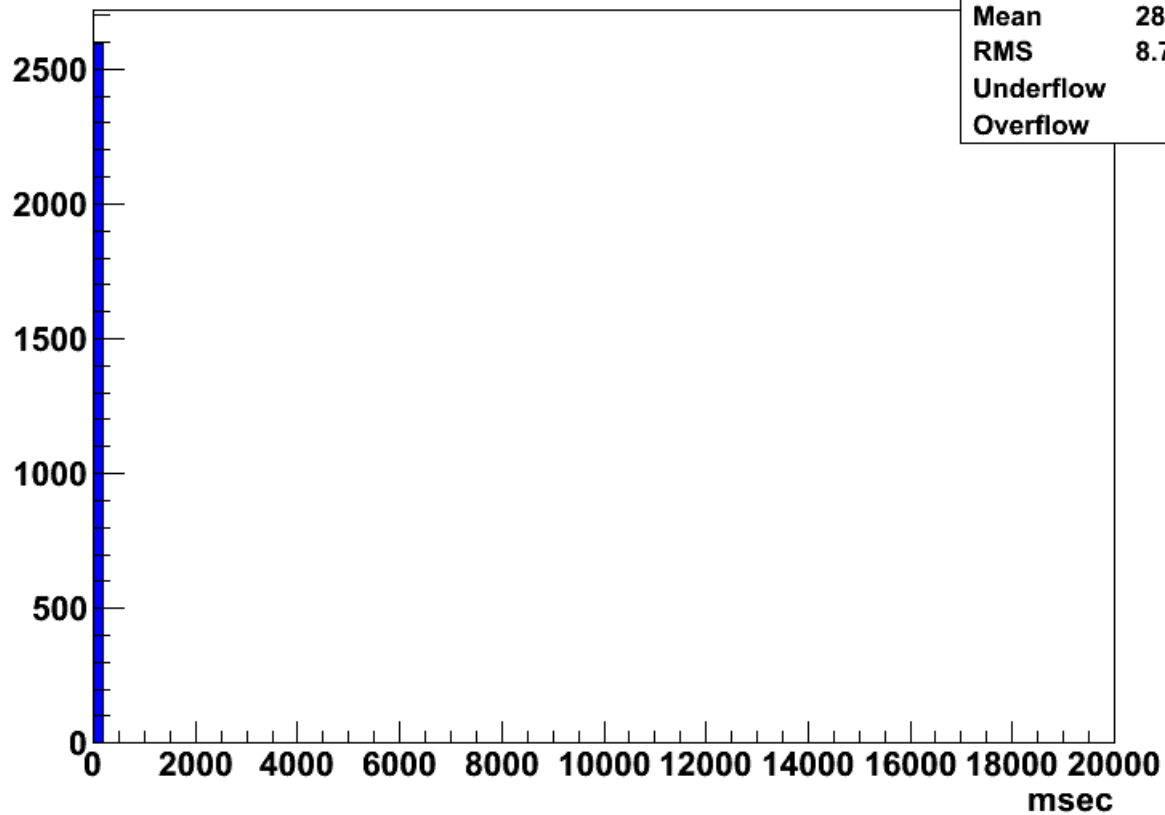
2.5.59 hltSiStripClusters

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltSiStripClusters



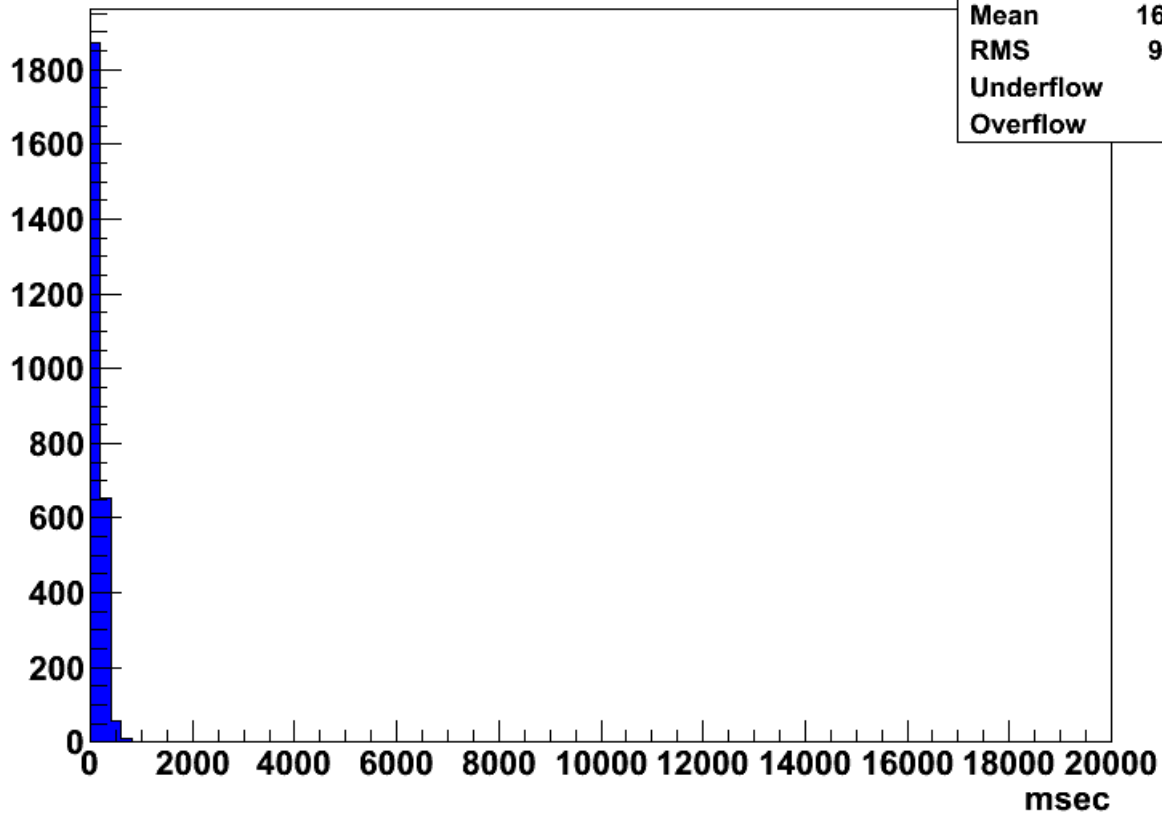
2.5.60 hltBLifetimeRegionalPixelSeedGeneratorHbbVBF

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltBLifetimeRegionalPixelSeedGeneratorHbbVBF



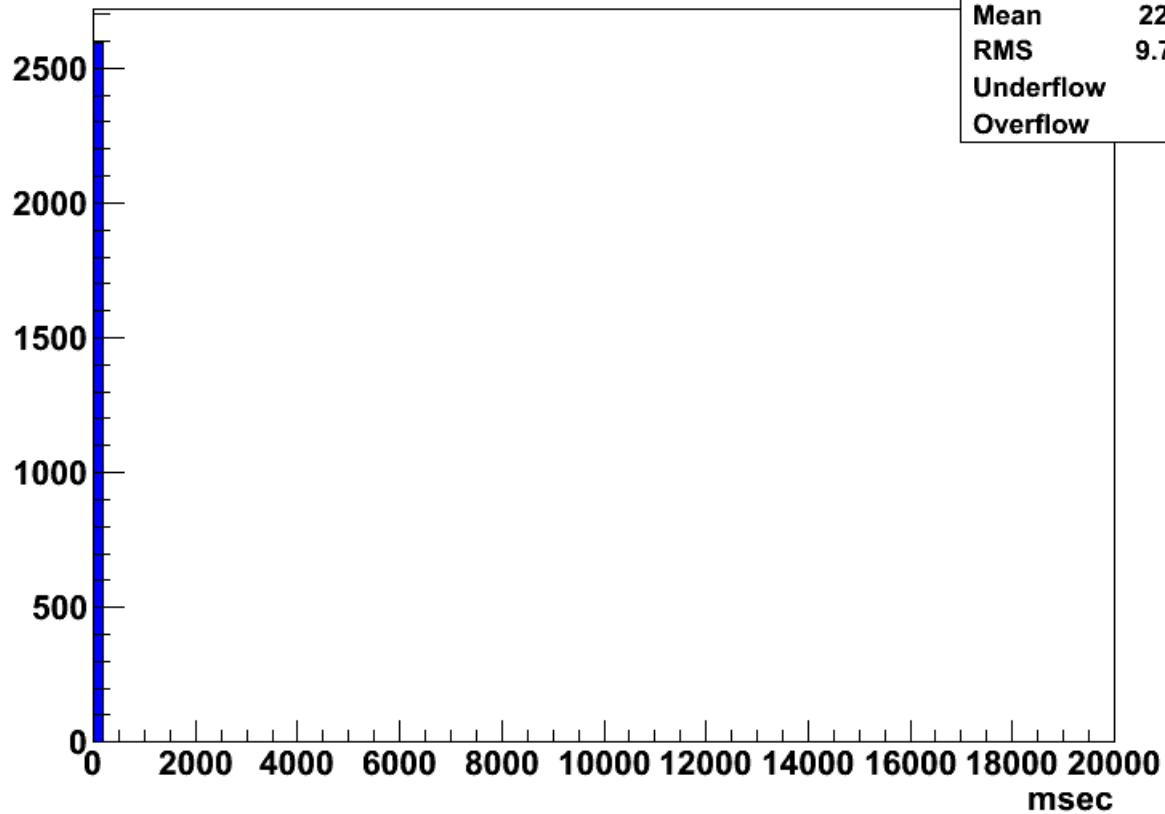
2.5.61 hltBLifetimeRegionalCkfTrackCandidatesHbbVBF

Running time per event for path HLT_QuadJet175_55_35_20_BTagIP_VBF_v7, module hltBLifetimeRegionalCkfTrackCandidatesHbbVBF



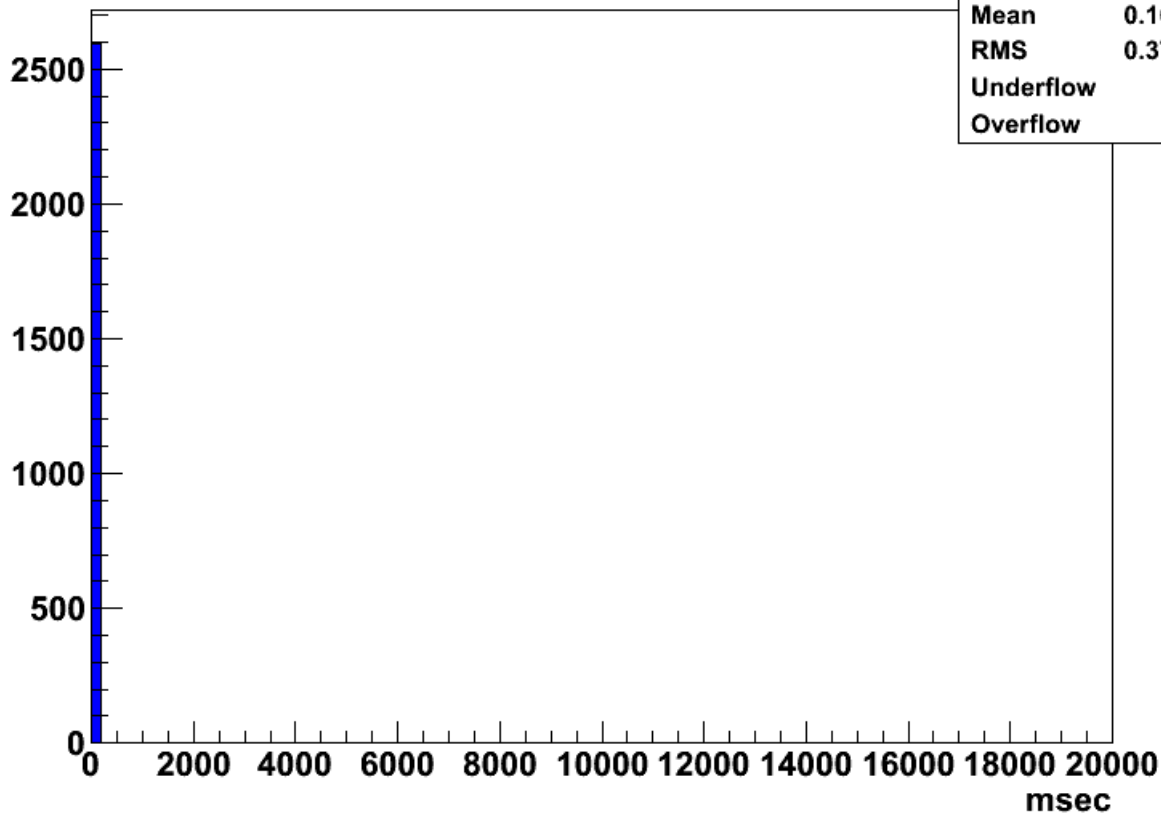
2.5.62 hltBLifetimeRegionalCtfWithMaterialTracksHbbVBF

Running time per event for path HLT_QuadJet175_55_35_20_BTagIP_VBF_v7, module hltBLifetimeRegionalCtfWithMaterialTracksHbbVBF



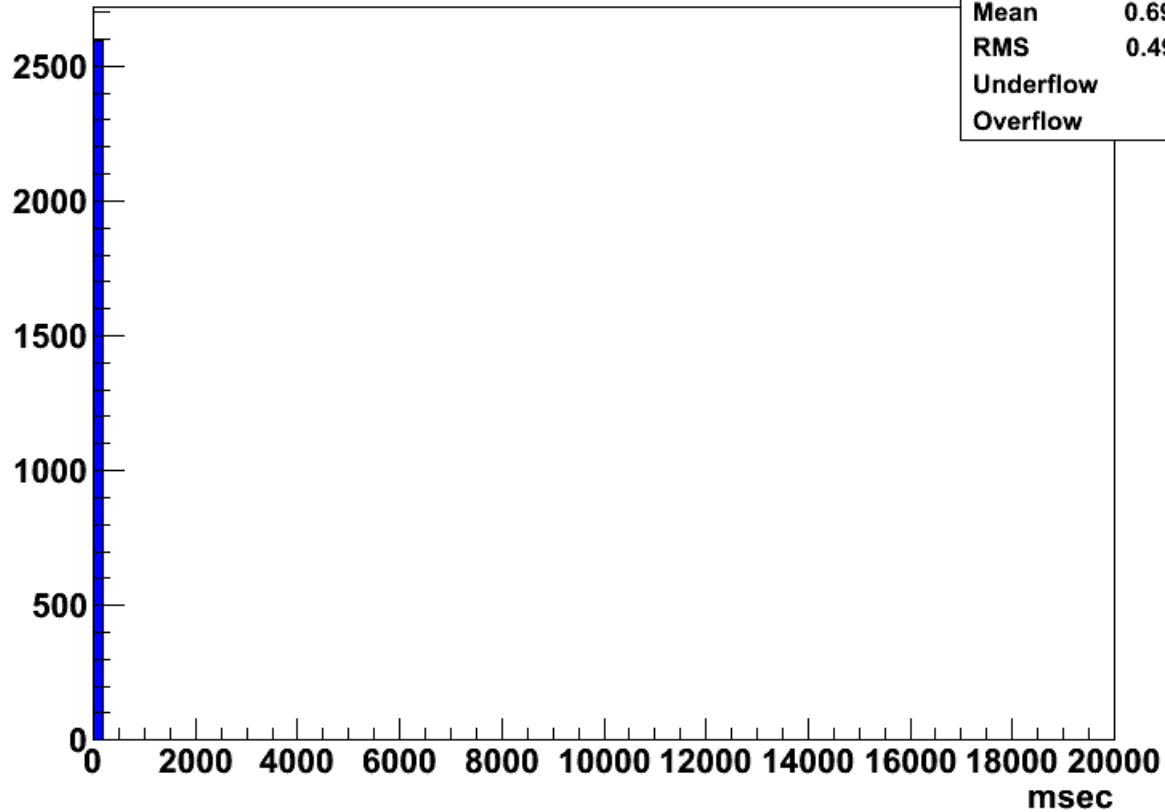
2.5.63 hltBLifetimeL3AssociatorbbHbbVBF

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltBLifetimeL3AssociatorbbHbbVBF



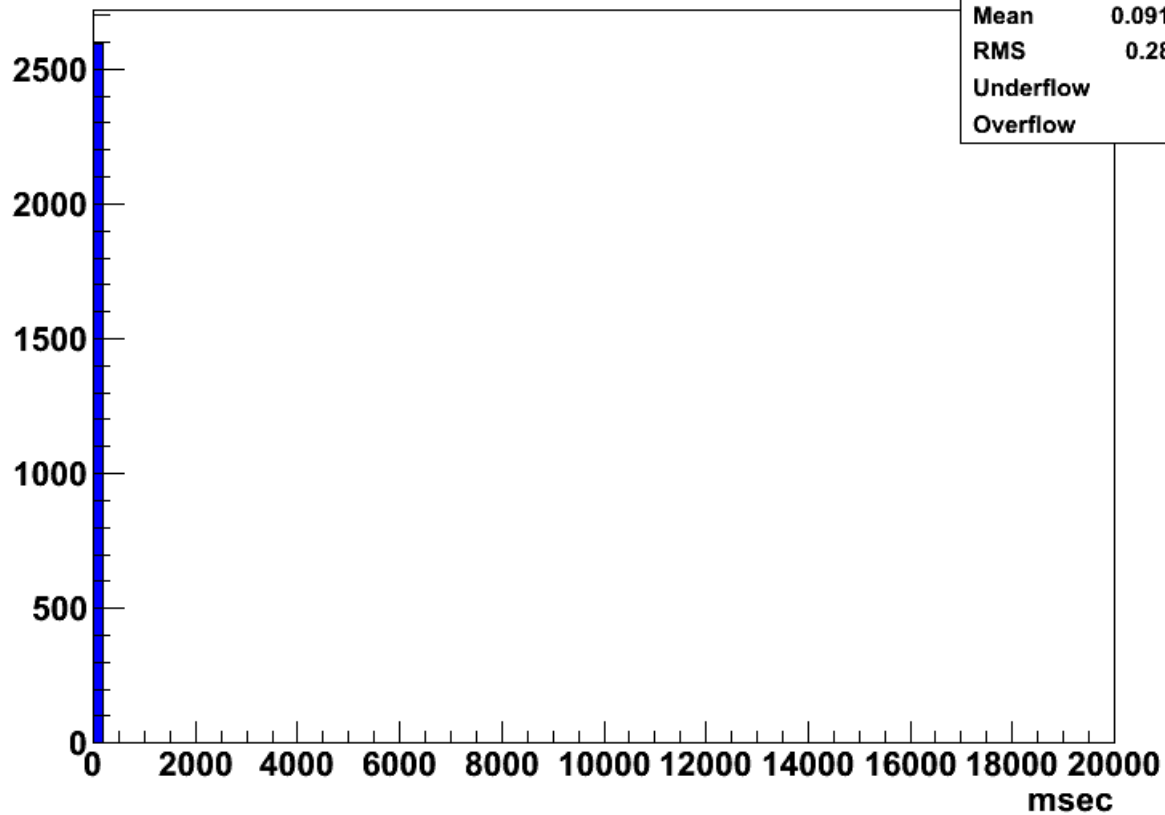
2.5.64 hltBLifetimeL3TagInfosHbbVBF

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltBLifetimeL3TagInfosHbbVBF



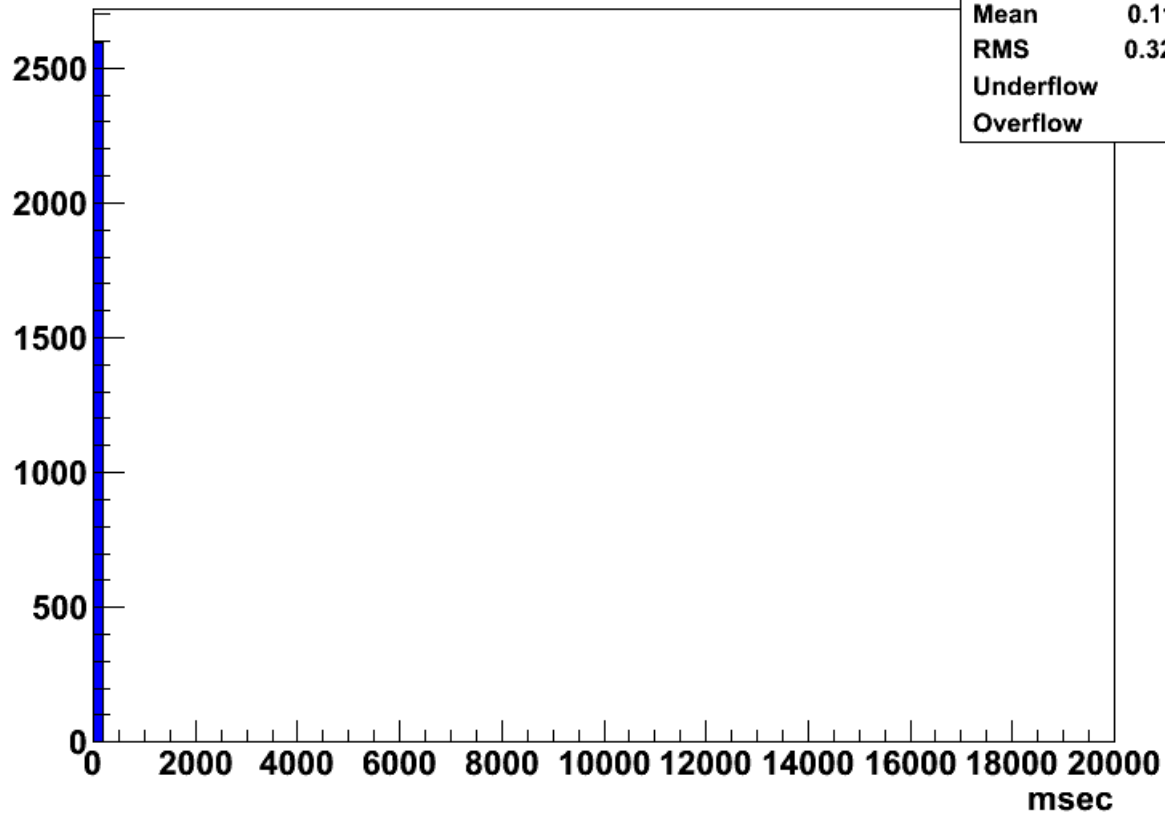
2.5.65 hltBLifetimeL3BJetTagsHbbVBF

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltBLifetimeL3BJetTagsHbbVBF



2.5.66 hltBLifetime6p8L3FilterHbbVBF

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltBLifetime6p8L3FilterHbbVBF



2.5.67 hltCaloL1FastJetBTagSortedVBF

Running time per event for path HLT_QuadJet75_55_35_20_BTagIP_VBF_v7, module hltCaloL1FastJetBTagSortedVBF

