

ComparisonLowHighMET < Sandbox < TWiki

🕒 This was last automatically generated on the 2020-08-13 at 14:57:18.849195

🕒 Default SUSYTools file:

/cvmfs/atlas.cern.ch/repo/sw/software/21.2/AnalysisBase/21.2.134//InstallArea/x86\_64-centos7-gcc8-opt/data/SUSYTools

🕒 AnalysisSUSYToolsConfigurations [↗](#)

Key	Colour
same as default	
different to default, but same as at least two other configurations	
different to default, but same as at least one other configuration	
different to default and all other analysis configurations	

Settings	SUSYTools Default	tt(0L)+MET (public)
EleBaseline.Pt	10000.	4500.
EleBaseline.Eta	2.47	2.47
EleBaseline.Id	LooseAndBLayerLLH	LooseAndBLayerLLH
EleBaseline.CrackVeto	false	false
EleBaseline.z0	0.5	0.5
Ele.Et	25000.	4500.
Ele.Eta	2.47	2.47
Ele.CrackVeto	false	false
Ele.Iso	FCLoose	FCLoose
Ele.IsoHighPt	FCHighPtCaloOnly	FCHighPtCaloOnly
Ele.Id	TightLLH	TightLLH
Ele.d0sig	5.	5.
Ele.z0	0.5	0.5
Ele.CFT	None	None
MuonBaseline.Pt	10000.	4000.
MuonBaseline.Eta	2.7	2.7
MuonBaseline.Id	1	1
MuonBaseline.z0	0.5	0.5
Muon.Pt	25000.	4000.
Muon.Eta	2.7	2.7
Muon.Id	1	1
Muon.Iso	Loose_VarRad	FCLoose
Muon.IsoHighPt	Loose_VarRad	
Muon.d0sig	3.	3.
Muon.z0	0.5	0.5
MuonCosmic.z0	1.	1.
MuonCosmic.d0	0.2	0.2
BadMuon.qoverp	0.4	0.2
PhotonBaseline.Pt	25000.	
PhotonBaseline.Eta	2.37	
PhotonBaseline.Id	Tight	
Tau.Pt	20000.	
Tau.Eta	2.5	
Tau.Id	Medium	
Jet.Pt	20000.	20000.
Jet.Eta	2.8	2.8
Jet.InputType	9	1

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Jet.UncertConfig	rel21/Summer2019/R4_CategoryReduction_SimpleJER.config	rel21/Fall2018/R4_SR_Scenario1_SimpleJER.config
Jet.JvtWP	Default	
Jet.JvtPtMax	60.0e3	
Jet.JMSCalib	false	None
Jet.UncertPDsmearing	false	
FwdJet.doJVT	false	false
FwdJet.JvtEtaMin	2.5	2.5
FwdJet.JvtWP	Tight	
FwdJet.JvtPtMax	120.0e3	50e3
Jet.LargeRcollection	AntiKt10LCTopoTrimmedPtFrac5SmallR20Jets	AntiKt10LCTopoTrimmedPtFrac5SmallR20Jets
Jet.LargeRuncConfig	rel21/Spring2019/R10_GlobalReduction.config	rel21/Moriond2018/R10_CombMass_medium.config
BadJet.Cut	LooseBad	LooseBad
Btag.enable	true	true
Btag.Tagger	DL1	MV2c10
Btag.WP	FixedCutBEff_77	FixedCutBEff_77
Btag.MinPt	20000.	
TrackJet.Coll	AntiKtVR30Rmax4Rmin02TrackJets	AntiKtVR30Rmax4Rmin02TrackJets
TrackJet.Pt	20000.	5000.
TrackJet.Eta	2.8	2.8
BtagTrkJet.enable	true	
BtagTrkJet.Tagger	MV2c10	MV2c10
BtagTrkJet.WP	FixedCutBEff_77	FixedCutBEff_70
BtagTrkJet.MinPt	10000.	5000.
OR.DoBoostedElectron	true	true
OR.BoostedElectronC1	-999.	-999.
OR.BoostedElectronC2	-999.	-999.
OR.BoostedElectronMaxConeSize	-999.	-999.
OR.DoBoostedMuon	true	true
OR.BoostedMuonC1	-999.	-999.
OR.BoostedMuonC2	-999.	-999.
OR.BoostedMuonMaxConeSize	-999.	-999.
OR.DoMuonJetGhostAssociation	true	true
OR.DoTau	false	false
OR.DoPhoton	false	false
OR.Bjet	false	true
OR.EIBjet	false	true
OR.EIEI	false	
OR.ELMu	false	
OR.MuBjet	false	false
OR.TauBjet	false	false
OR.MuJetApplyRelPt	false	false
OR.MuJetPtRatio	-999.	-999.
OR.MuJetTrkPtRatio	-999.	-999.
OR.RemoveCaloMuons	true	true
OR.MuJetInnerDR	-999.	-999.
OR.BtagWP	FixedCutBEff_85	FixedCutBEff_85

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<b>OR.BJetPtUpperThres</b>	-1	100e3
<b>OR.DoFatJets</b>	false	false
<b>OR.EleFatJetDR</b>	-999.	-999.
<b>OR.JetFatJetDR</b>	-999.	-999.
<b>SigLep.RequireIso</b>	true	true
<b>MET.EleTerm</b>	RefEle	RefEle
<b>MET.GammaTerm</b>	RefGamma	
<b>MET.TauTerm</b>	RefTau	
<b>MET.JetTerm</b>	RefJet	RefJet
<b>MET.MuonTerm</b>	Muons	Muons
<b>MET.OutputTerm</b>	Final	Final
<b>MET.JetSelection</b>	Tight	Tight
<b>MET.RemoveOverlappingCaloTaggedMuons</b>	true	true
<b>MET.DoRemoveMuonJets</b>	true	true
<b>MET.UseGhostMuons</b>	false	false
<b>MET.DoMuonEloss</b>	false	false
<b>Ele.TriggerSFStringSingle</b>	SINGLE_E_2015_e24_lhmedium_L1EM20VH_OR_e60_lhmedium_OR_e120_lhloose_2016_2018_e26_lhtight_nod0_ivarloose_OR_e60_lhmedium_nod0_OR_e140_lhloose_nod0	
<b>PRW.ActualMu2017File</b>	GoodRunsLists/data17_13TeV/20180619/physics_25ns_TriggerNo17e33prim.actualMu.OfiLumi-13TeV-010.root	GoodRunsLists/data17_13TeV/20180619/physics_25ns_TriggerNo17e33prim.actualMu.OfiLumi-13TeV-010.root
<b>PRW.ActualMu2018File</b>	GoodRunsLists/data18_13TeV/20190318/physics_25ns_TriggerNo17e33prim.actualMu.OfiLumi-13TeV-010.root	GoodRunsLists/data18_13TeV/20190318/physics_25ns_TriggerNo17e33prim.actualMu.OfiLumi-13TeV-010.root
<b>PRW.autoconfigPRWHFFilter</b>	None	
<b>StrictConfigCheck</b>	true	true
<b>Jet.JVT_WP</b>		Medium
<b>Jet.JESConfig</b>		JES_MC16Recommendation_Consolidated_EMTopo_Apr2019_Rel21.config
<b>Jet.JESConfigAFII</b>		JES_MC16Recommendation_AFIIE_MTopo_Apr2019_Rel21.config
<b>Jet.JESConfigEMPFlow</b>		JES_MC16Recommendation_Consolidated_PFlow_Apr2019_Rel21.config
<b>Jet.JESConfigEMPFlowAFII</b>		JES_MC16Recommendation_AFIIPFlow_Apr2019_Rel21.config
<b>FwdJet.JvtUseTightOP</b>		false
<b>Btag.CalibPath</b>		xAODBTaggingEfficiency/13TeV/2017-21-13TeV-MC16-CDI-2018-10-19_v1.root
<b>OR.EleJet</b>		true
<b>OR.MuonJet</b>		true

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METSig.DoPhiReso	true
Trig.Multi2015	e24_lhmedium_L1EM20VH_OR_e60_lhmedium_OR_e120_lhloose &verbar;&verbar; mu20_loose_L1MU15_OR_mu50
Trig.Multi2016	e26_lhtight_nod0_ivarlose_OR_e60_lhmedium_nod0_OR_e140_lhloose_nod0 &verbar;&verbar; mu26_ivarmedium_OR_mu50
Trig.Multi2017	e26_lhtight_nod0_ivarlose_OR_e60_lhmedium_nod0_OR_e140_lhloose_nod0 &verbar;&verbar; mu26_ivarmedium_OR_mu50
Trig.Multi2018	e26_lhtight_nod0_ivarlose_OR_e60_lhmedium_nod0_OR_e140_lhloose_nod0 &verbar;&verbar; mu26_ivarmedium_OR_mu50
FwdJet.JvtConfig	
Btag.TimeStamp	
BtagTrk.Jet.TimeStamp	
PhotonBaseline.CrackVeto	
METSig.TreatPUJets	
Jet.JESConfigJMS	

| **TauBaseline.Id** | Loosel

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