

10 TeV Summer09 samples

Cross section for the Summer09 Samples can be found on production summer 2009 TWiki

The cfg.py file used for the skimming job can be accessed from the DBS: **Click on the sample name -> More Info -> Conf files**

Z --> mu + tau-jet analysis

Skimm description

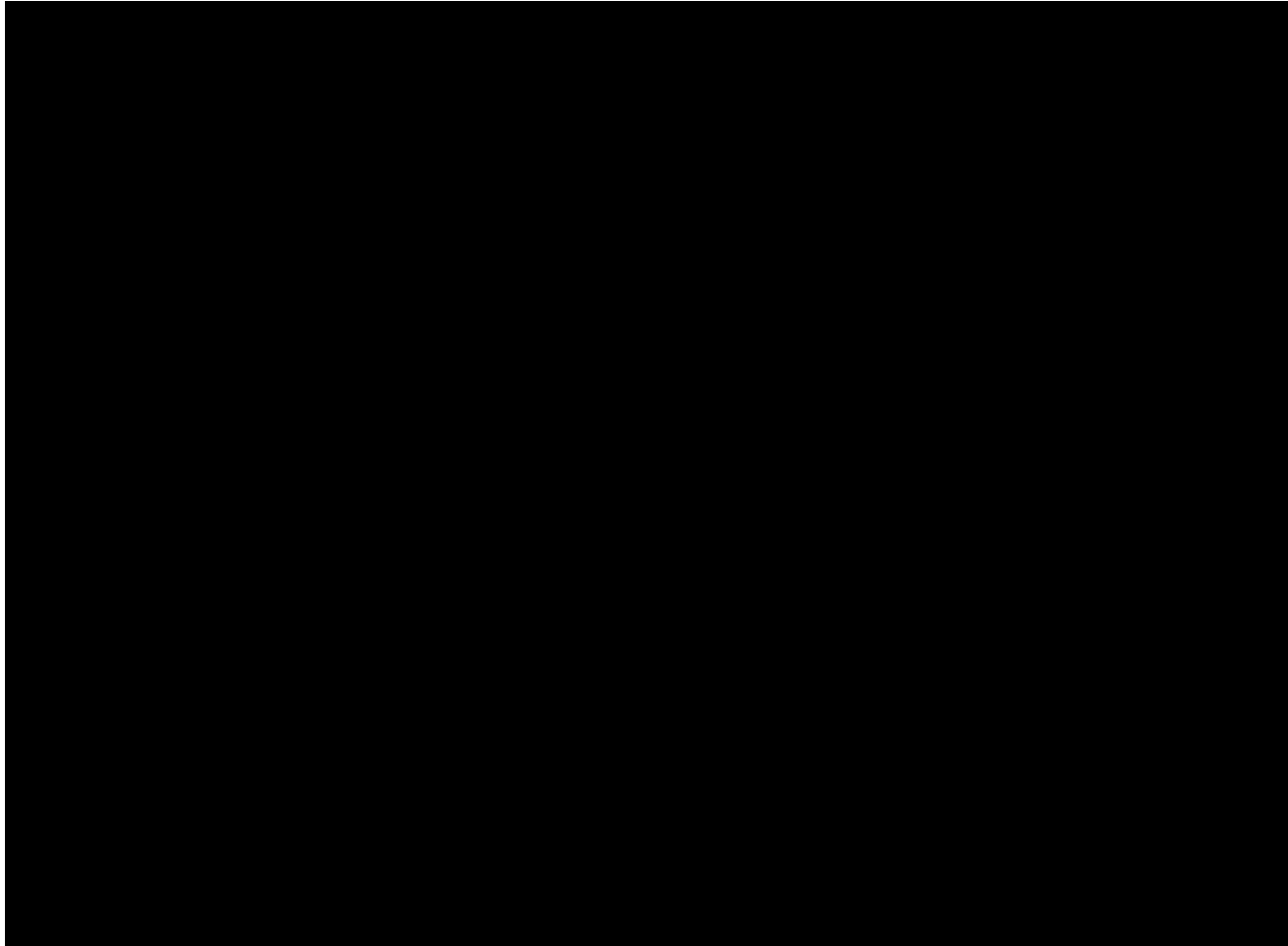
- Trigger requirements: NONE
- Muon selections: **pt > 8 & abs(eta) < 2.5**
- Tau selections: **shrinkingConePFTauDiscriminationByLeadingPionPtCut>0.5**
- DiTau selections: **dR(leg1, leg2 > 0.3)**
- Final selection: **'muPFTauSkimPath' OR 'muCaloTauSkimPath'**

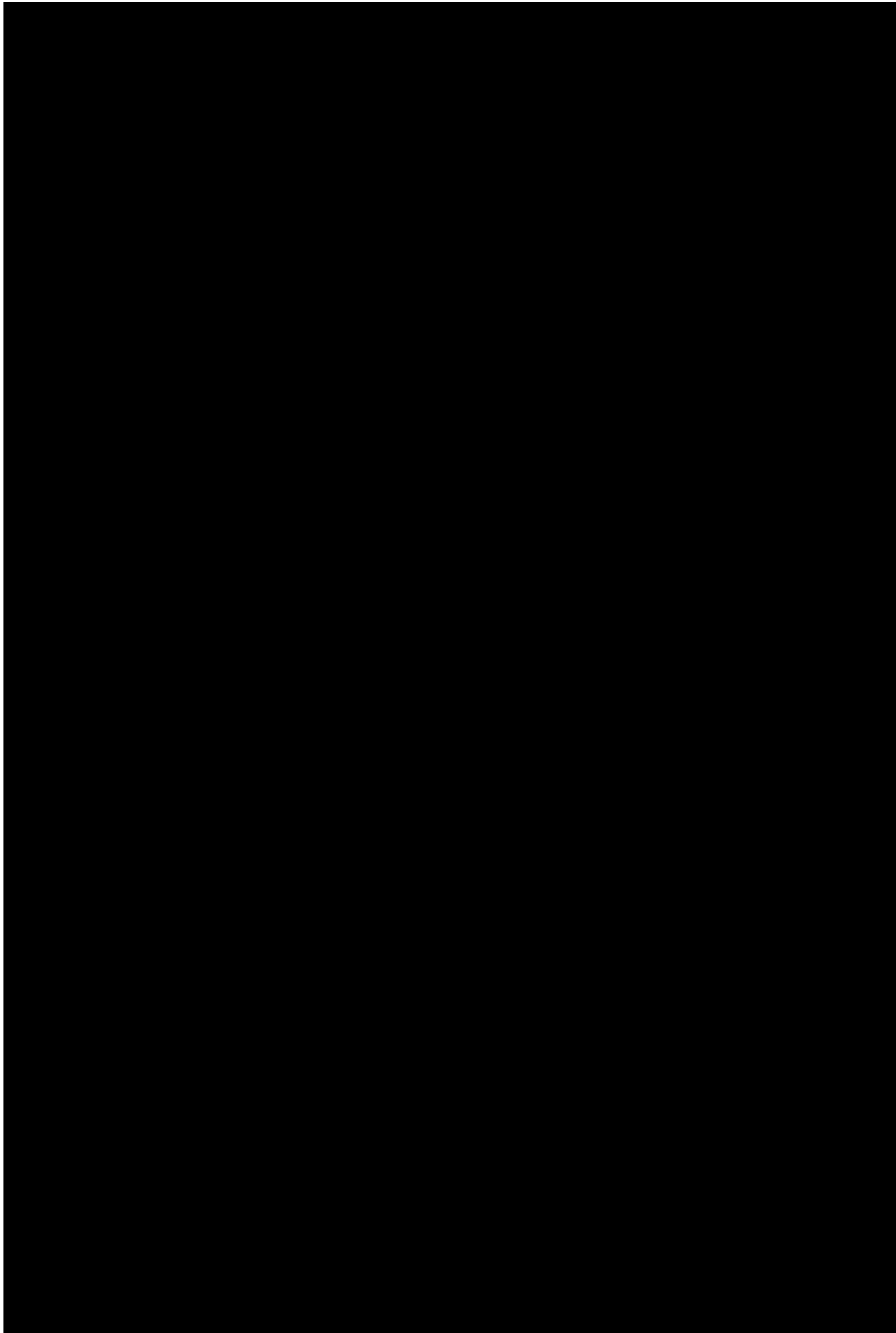
Skimmed DatasetGrid job reportSE locationEvents processedEvents selectedSkimm efficiencyPaths efficiencies

/DYToMuMu_M-20_CT10_TuneZ2_7TeV-powheg-pythia/akalinow-SkimMuTau_387_pass1-d904474b49c246e8811
Link [T2_IT_Pisa](#) 19989318099010.405

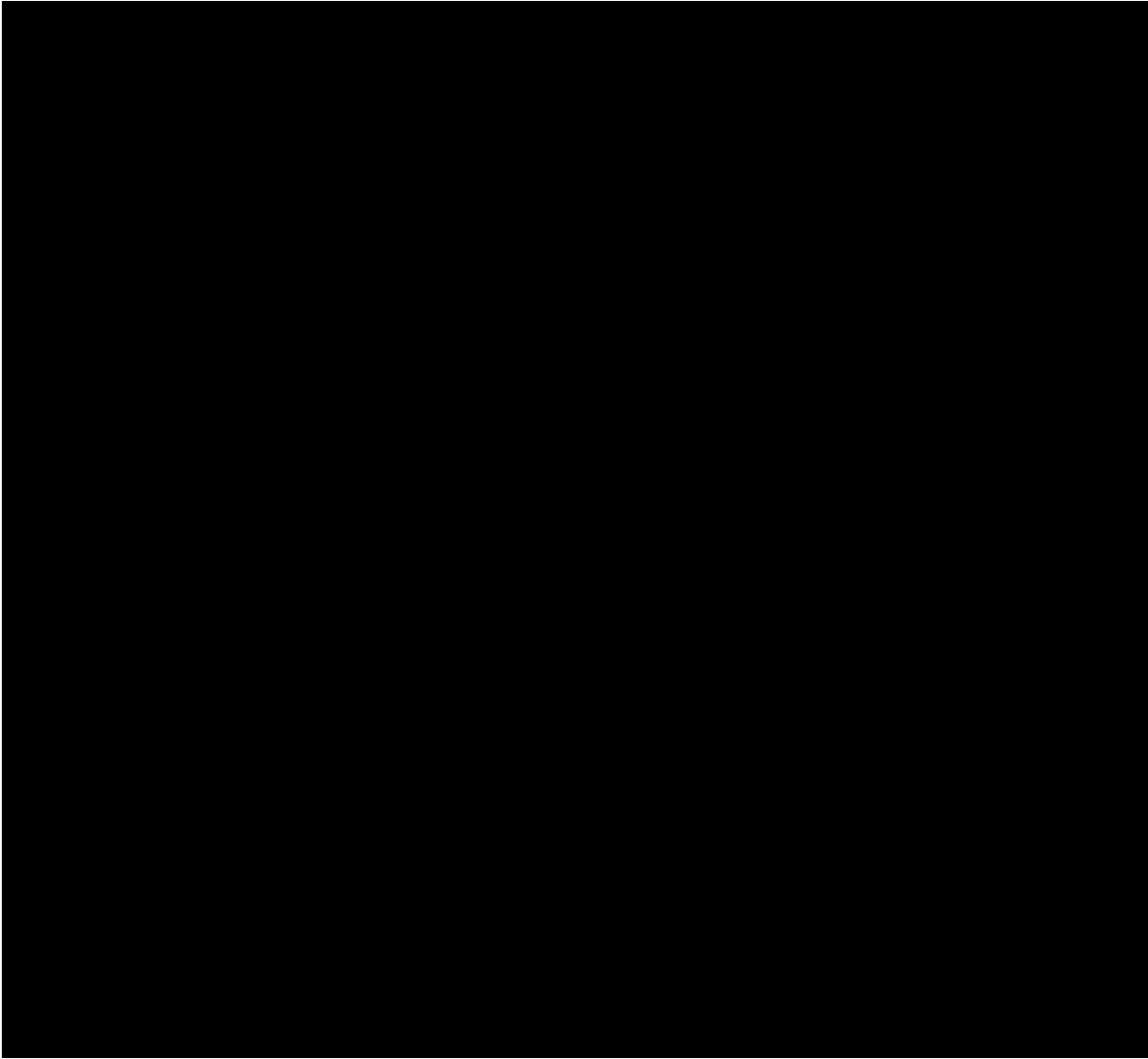
shrinkingConePFTauDiscriminationByTaNCfrOnePercent19989310.2001.000shrinkingConePFTauDiscriminationByT
",",",",/twiki/pub/TWiki/TreeBrowserPlugin/page.gif"); document.write(d1); //-->

- [Click for details muTaNCtauSkimPath Efficiencies](#)





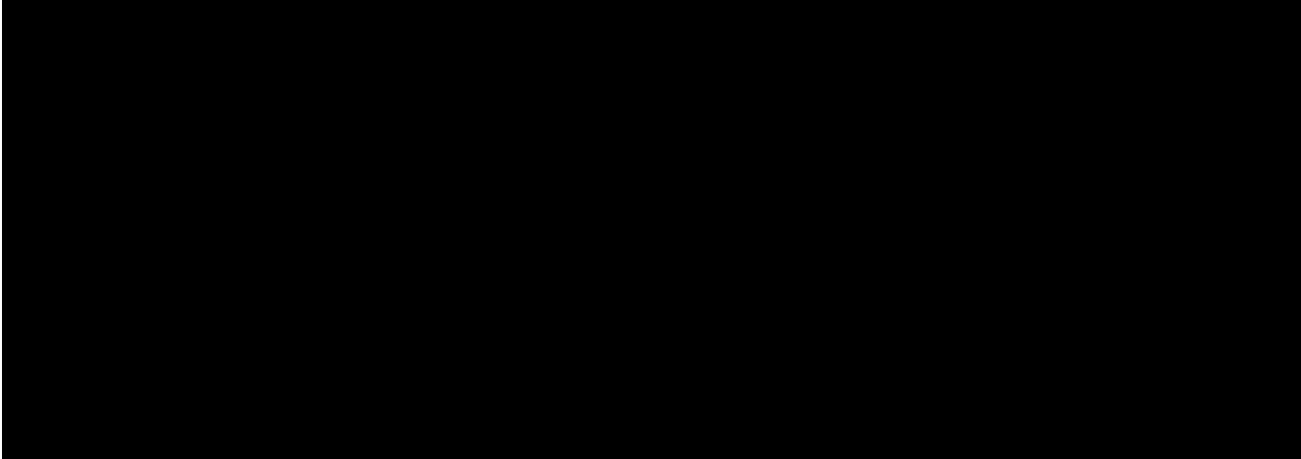
muHPStauSkimPath Efficiencies

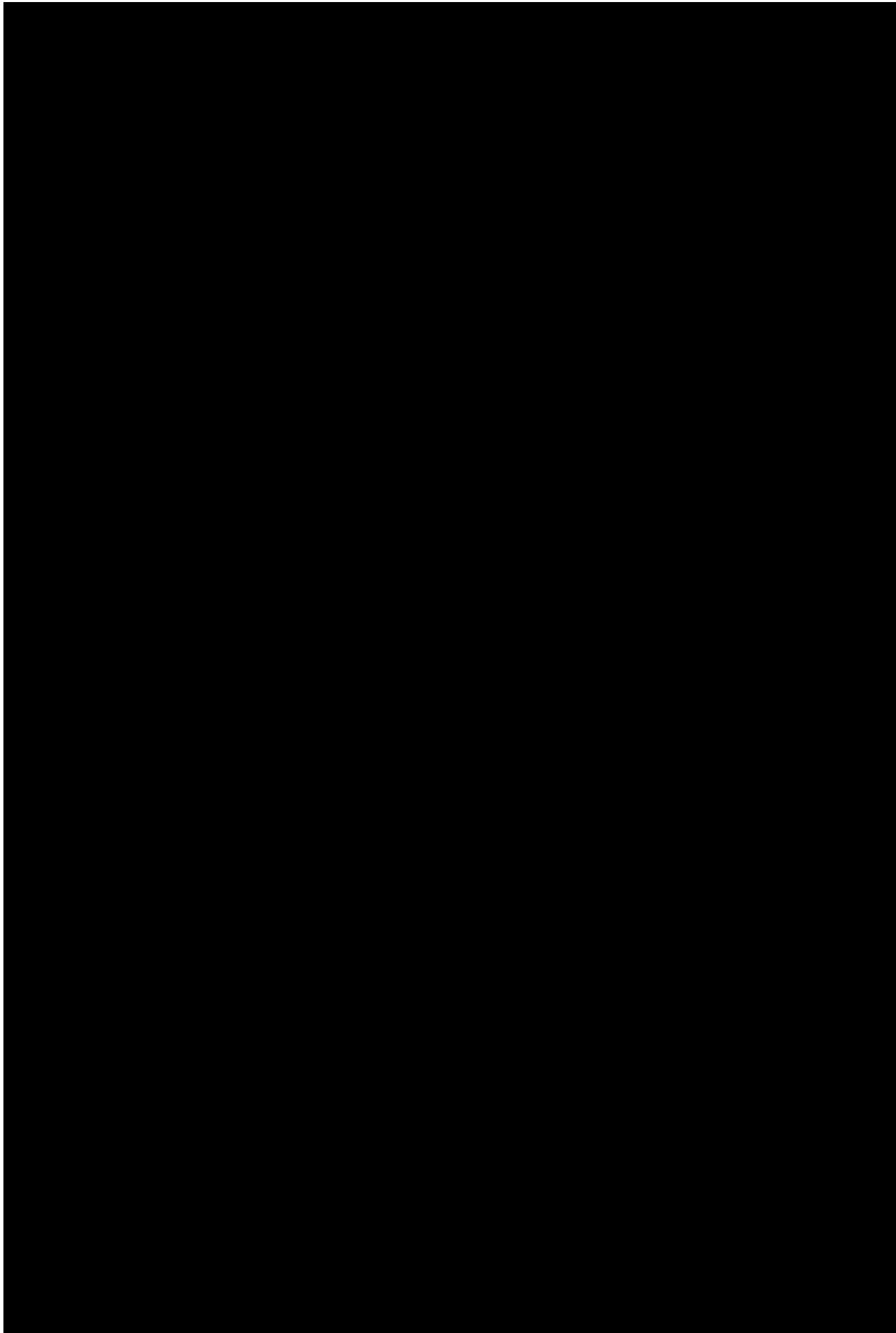


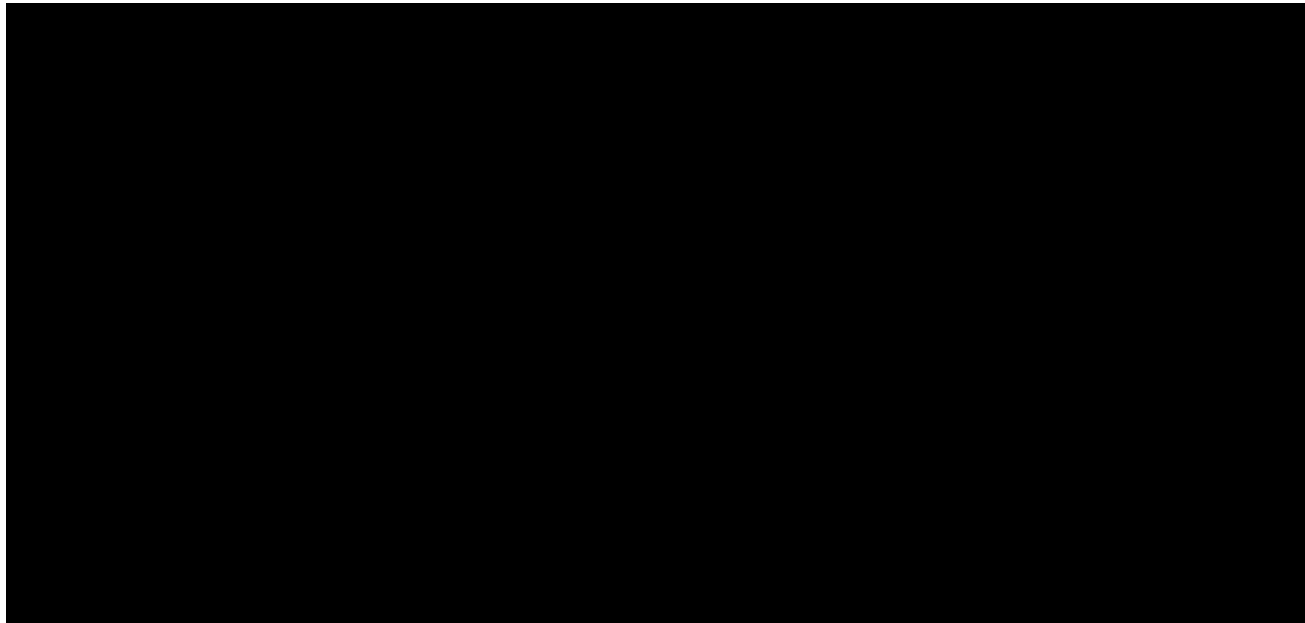
/DYToEE_M-20_CT10_TuneZ2_7TeV-powheg-pythia/akalinow-SkimMuTau_387_pass1-d904474b49c246e88119ad
Link [T2_IT_Pisa](#) 19989907880.000

shrinkingConePFTauDiscriminationByTaNCfrOnePercent19989900.2001.000shrinkingConePFTauDiscriminationByT
",",","/twiki/pub/TWiki/TreeBrowserPlugin/page.gif'); document.write(d2); //-->

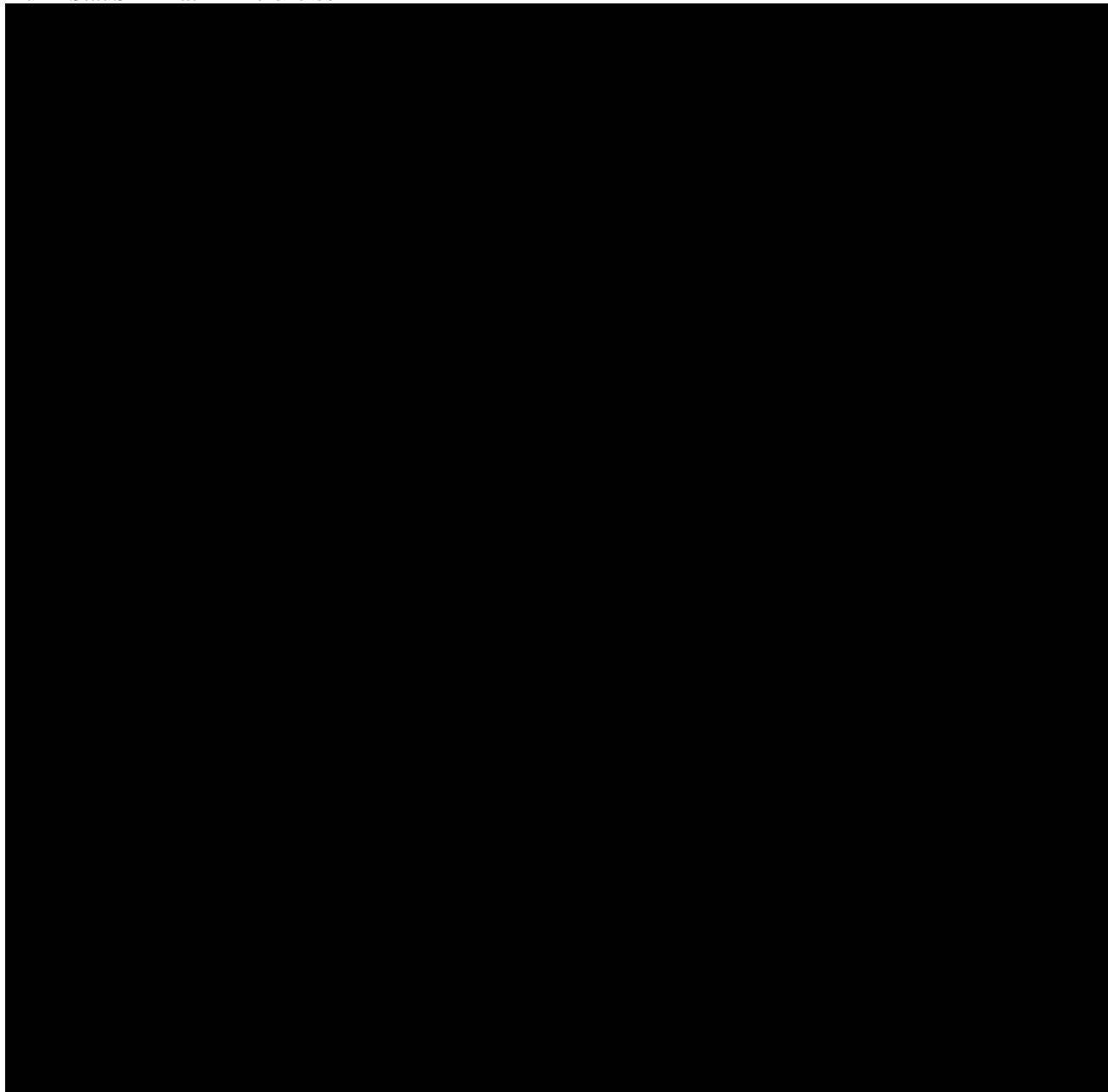
- [Click for details muTaNCtauSkimPath Efficiencies](#)

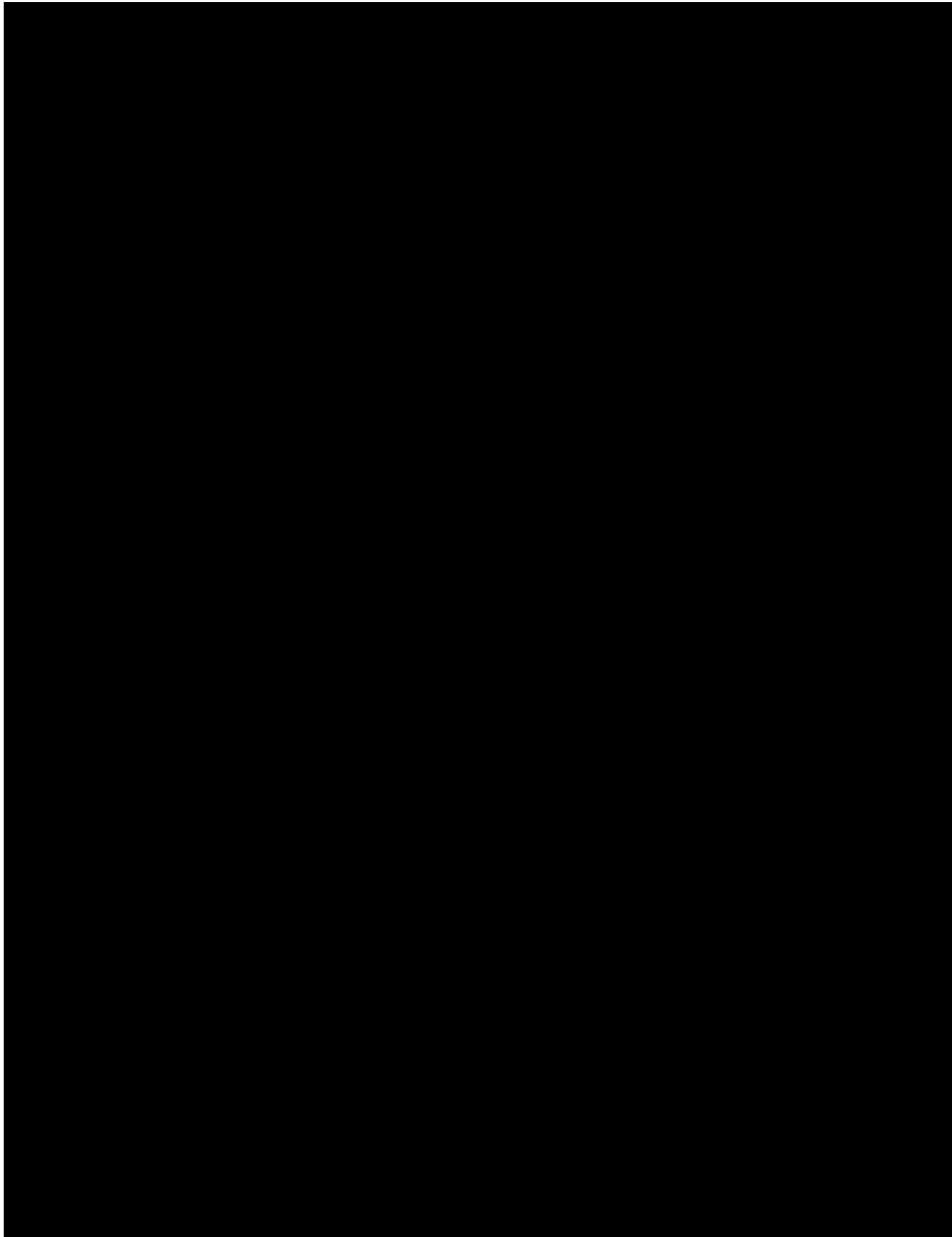






muHPStauSkimPath Efficiencies





Z --> e + tau-jet analysis

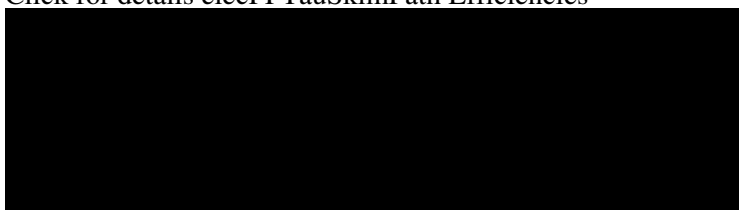
Skimm description

- Trigger requirements: NONE
- Electron selections: **$\text{abs}(\eta) < 2.5$ & $\text{pt} > 8$.**
- Tau selections: **shrinkingConePFTauDiscriminationByLeadingPionPtCut>0.5**
- DiTau selections: **$\text{dR}(\text{leg1}, \text{leg2}) > 0.3$**
- Final selection: **'muPFTauSkimPath' OR 'muCaloTauSkimPath'**

Skimmed DatasetGrid job reportSE locationEvents processedEvents selectedSkimm efficiencyPaths efficiencies

/ZJets-madgraph/akalinow-SkimElTau_314_pass1-2b001ded6522c731fed182f92f152422/USER [Grid job link](#) [T2_IT_Pisa](#) [9325322558270.274](#)

- [Click for details elecPFTauSkimPath Efficiencies](#)



[elecCaloTauSkimPath Efficiencies](#)

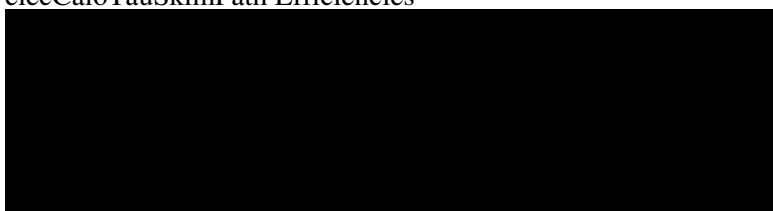


/WJets-madgraph/akalinow-SkimElTau_10TeV_314_pass1-2b001ded6522c731fed182f92f152422/USER [Grid job link](#) [T2_IT_Pisa](#) [110245407905560.072](#)

- [Click for details elecPFTauSkimPath Efficiencies](#)



[elecCaloTauSkimPath Efficiencies](#)



Z --> e + mu analysis

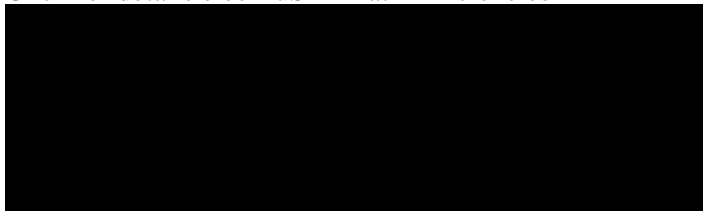
Skimm description

- Trigger requirements: NONE
- Electron selections: **$\text{pt} > 8$ & $\text{abs}(\eta) < 2.5$ & $\text{eSuperClusterOverP} > 0.8$ & $\text{eSuperClusterOverP} < 1.25$**
- Muon selections: **" $\text{pt} > 8$ & $\text{abs}(\eta) < 2.5$**
- DiTau selections: **$\text{dR}(\text{leg1}, \text{leg2}) > 0.3$**

Skimmed DatasetGrid job reportSE locationEvents processedEvents selectedSkimm efficiencyPaths efficiencies

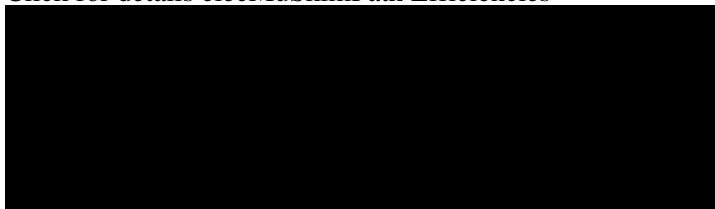
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- [Click for details elecMuSkimPath Efficiencies](#)



/WJets-madgraph/akalinow-SkimElMu_10TeV_314_pass1-0a97e6ad74e1f43c3953bd7bddba5953/USER [Grid job link](#) [T2_US_Wisconsin](#) 11024540254580.002

- [Click for details elecMuSkimPath Efficiencies](#)



Z --> tau-jet + tau-jet analysis

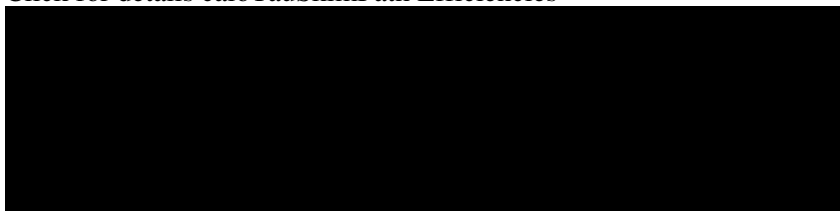
Skimm description

- Trigger requirements: NONE
- Tau1 selections: **shrinkingConePFTauDiscriminationByLeadingPionPtCut>0.5 & abs(eta) < 2.5 & leadPFCand().isNonnull() & leadPFCand().pt() > 8.**
- Tau2 selections: **shrinkingConePFTauDiscriminationByLeadingPionPtCut>0.5 & abs(eta) < 2.5 & leadPFCand().isNonnull() & leadPFCand().pt() > 12.**
- DiTau selections: **dR(leg1, leg2 > 0.3)**
- Final selections: **(selectedCaloTausLeadTrackPt8 AND selectedCaloTausLeadTrackPt12) OR (selectedPFTausLeadPionPt8 AND selectedPFTausLeadPionPt12) OR (selectedCaloTausLeadTrackPt8 AND selectedPFTausLeadPionPt12) OR (selectedCaloTausLeadTrackPt12 AND selectedPFTausLeadPionPt8)**

Skimmed DatasetGrid job reportSE locationEvents processedEvents selectedSkimm efficiencyPaths efficiencies

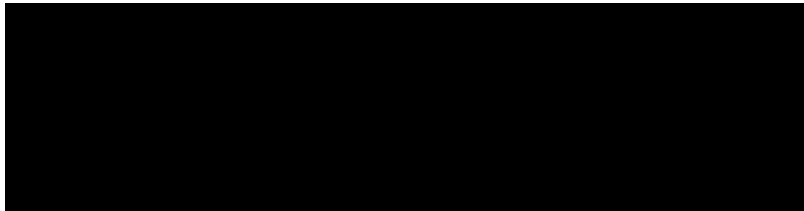
/ZJets-madgraph/akalinow-SkimTauTau_314_pass1-7645e7582a8ca89f38eb471c03cbf450/USER [Grid job link](#) [T2_IT_Pisa](#) 9325323909980.419

- [Click for details caloTauSkimPath Efficiencies](#)



pfTauSkimPath Efficiencies





mixedTauSkimPathI Efficiencies

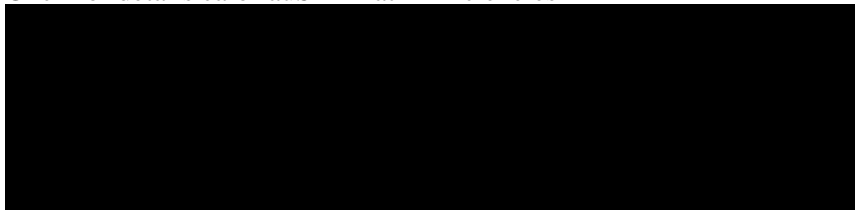


mixedTauSkimPathII Efficiencies

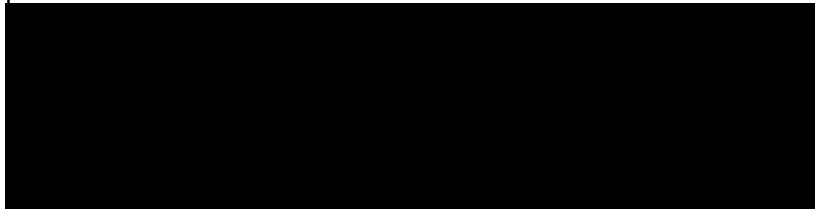


/WJets-madgraph/akalinow-SkimTauTau_10TeV_314_pass1-7645e7582a8ca89f38eb471c03cbf450/USER [Grid](#)
job link [T2_IT_Pisa](#) [110245407046280.064](#)

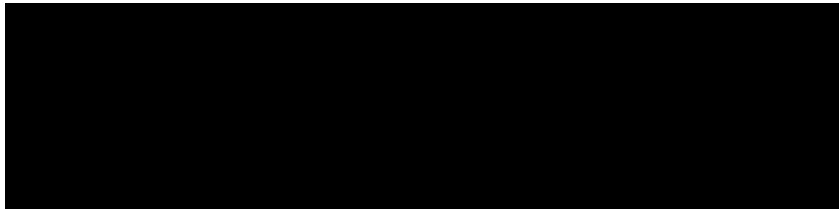
- [Click for details caloTauSkimPath Efficiencies](#)



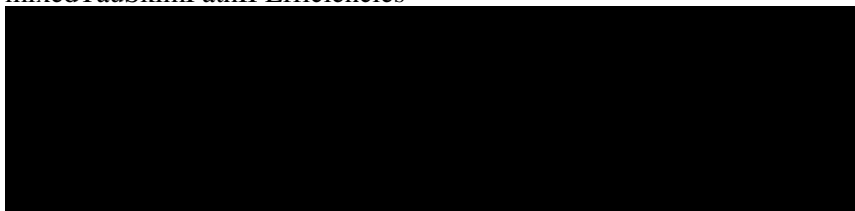
pfTauSkimPath Efficiencies



mixedTauSkimPathI Efficiencies



mixedTauSkimPathII Efficiencies



-- ArturKalinowski - 18-Jan-2010

This topic: Main > ZTauTauSkimms10TeV

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