

FatJets

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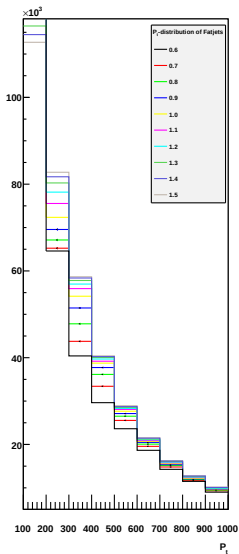
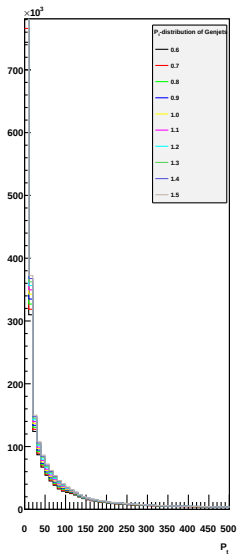
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18. November 2010

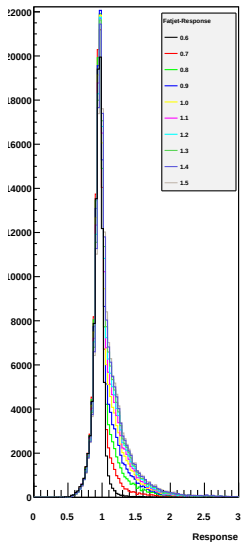
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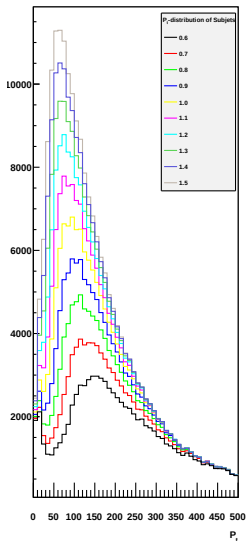
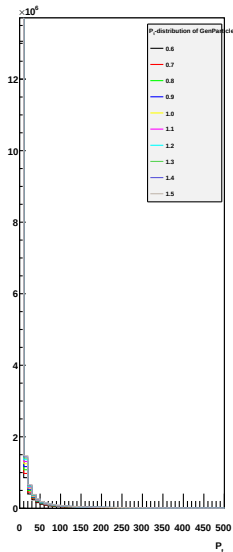
- 1 FatJets variation by opening angle
 - FatPt
 - SubPt
 - SubResp
 - eff

- Sample /Zprime_M3TeV_W300GeV-madgraph/Spring10-START3X_V26_S09-v1/GEN-SIM-RECO
- construct fatjets with different opening angles
- max 3 Subjets
- no quality or bg-reduction-cuts

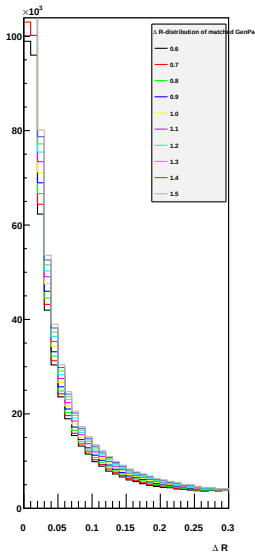
FatJets vs P_t GenJets vs P_t 

Response Fatjet to Genjet

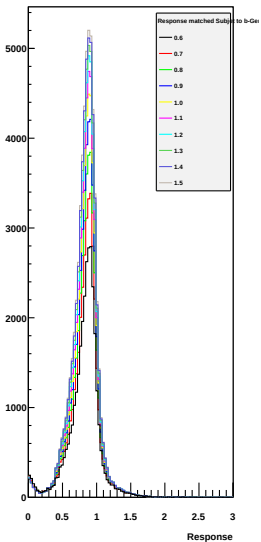


SubJets vs $P_{t,t}$ GenParticles vs $P_{t,t}$ 

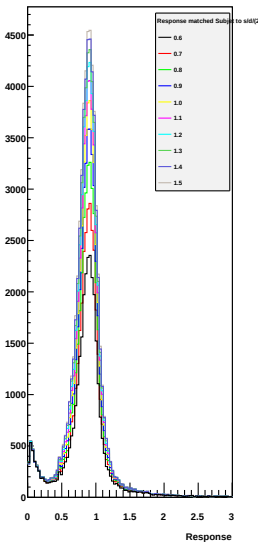
dR of matched GenParticles to Subjets



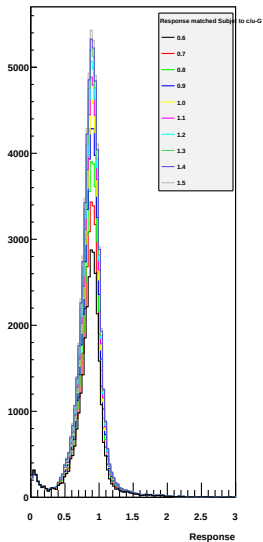
Response b-Subjet to Genparticle

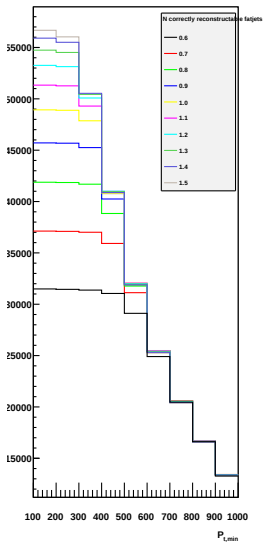


Response Subjet 1/3 to Genparticle

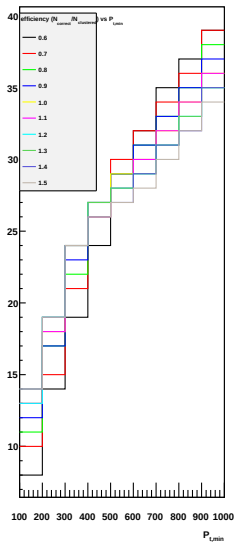


Response Subjet 2/3 to Genparticle



correctly counted, binned in $P_{t,min}$ 

efficiency

reconstructed flavours ($Z=0$, $t=6$, $tbar=6$)