

FatJets

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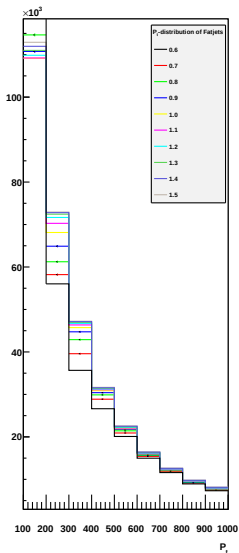
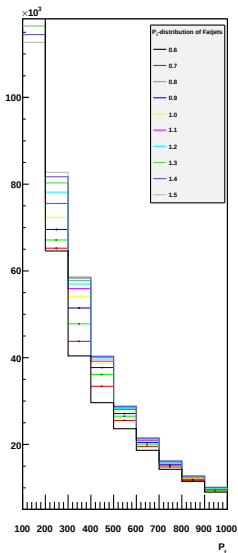
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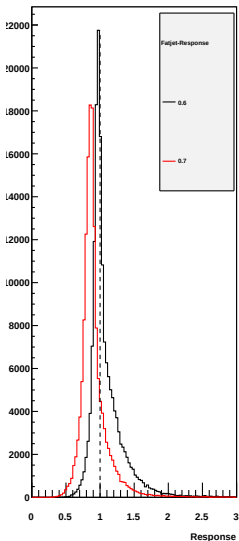
1 FatJets variation by opening angle

- FatPt
- SubResponse
- dR
- top mass Ca
- top mass Pf

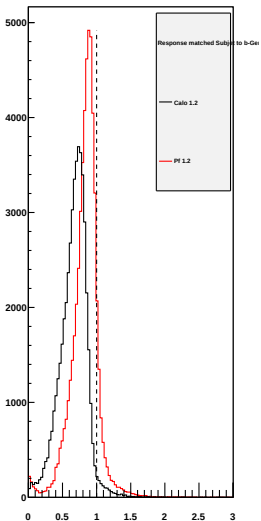
- Sample /Zprime_M3TeV_W300GeV-madgraph/Spring10-START3X_V26_S09-v1/GEN-SIM-RECO
- construct fatjets with different opening angles
- max 3 Subjets
- no quality or bg-reduction-cuts

FatJets vs P_t FatJets vs P_t 

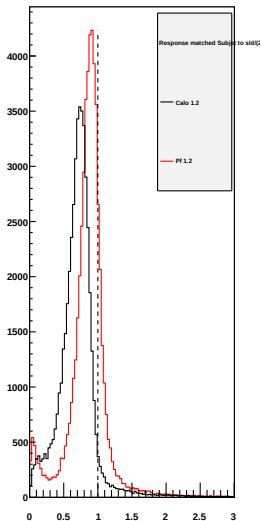
Response Fatjet to Genjet



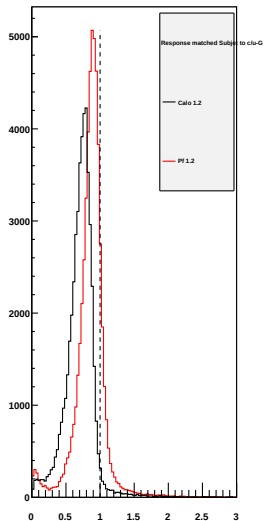
Response b-Subjet to Genparticle

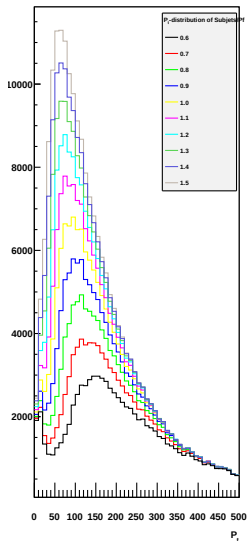
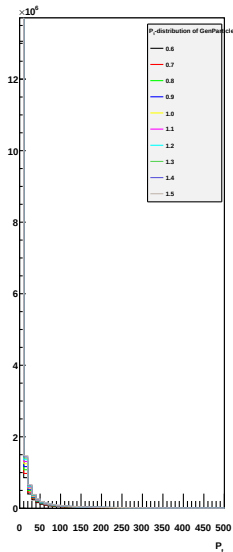


Response Subjet 1/3 to Genparticle

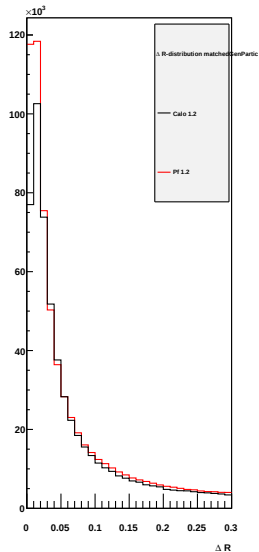


Response Subjet 2/3 to Genparticle

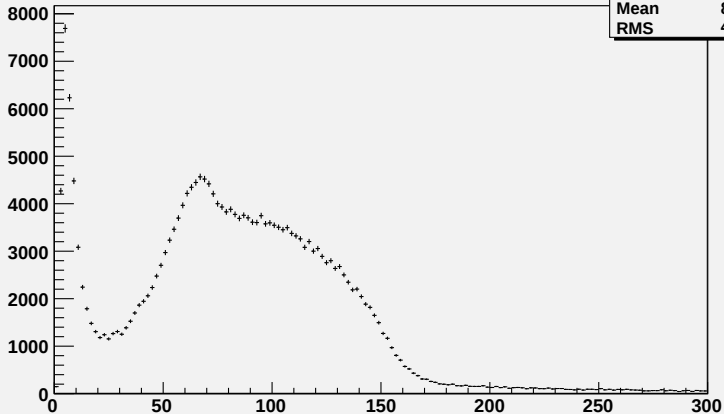


SubJets vs $P_{t,t}$ GenParticles vs $P_{t,t}$ 

dR of matched GenParticles to SubJets



all subjects of single fatjets invariant mass



all subjects of single fatjets invariant mass

