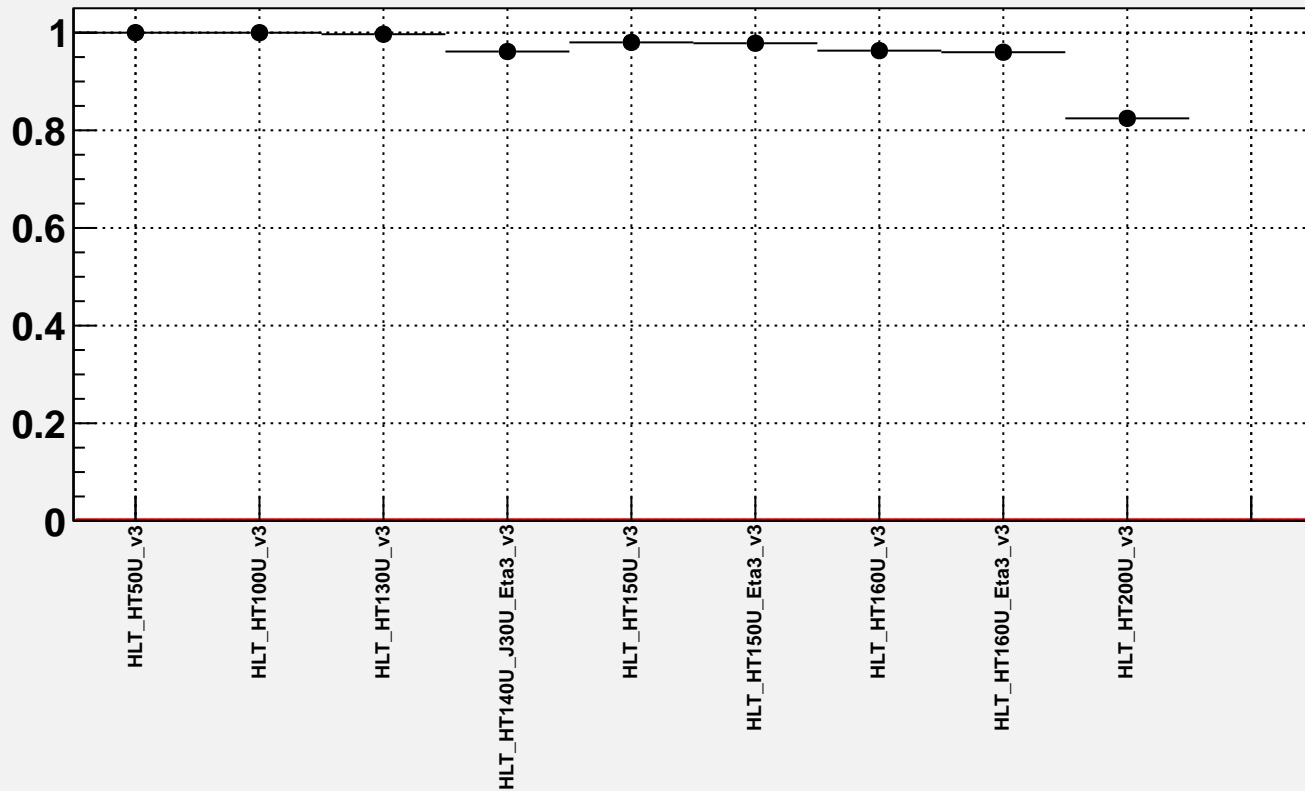


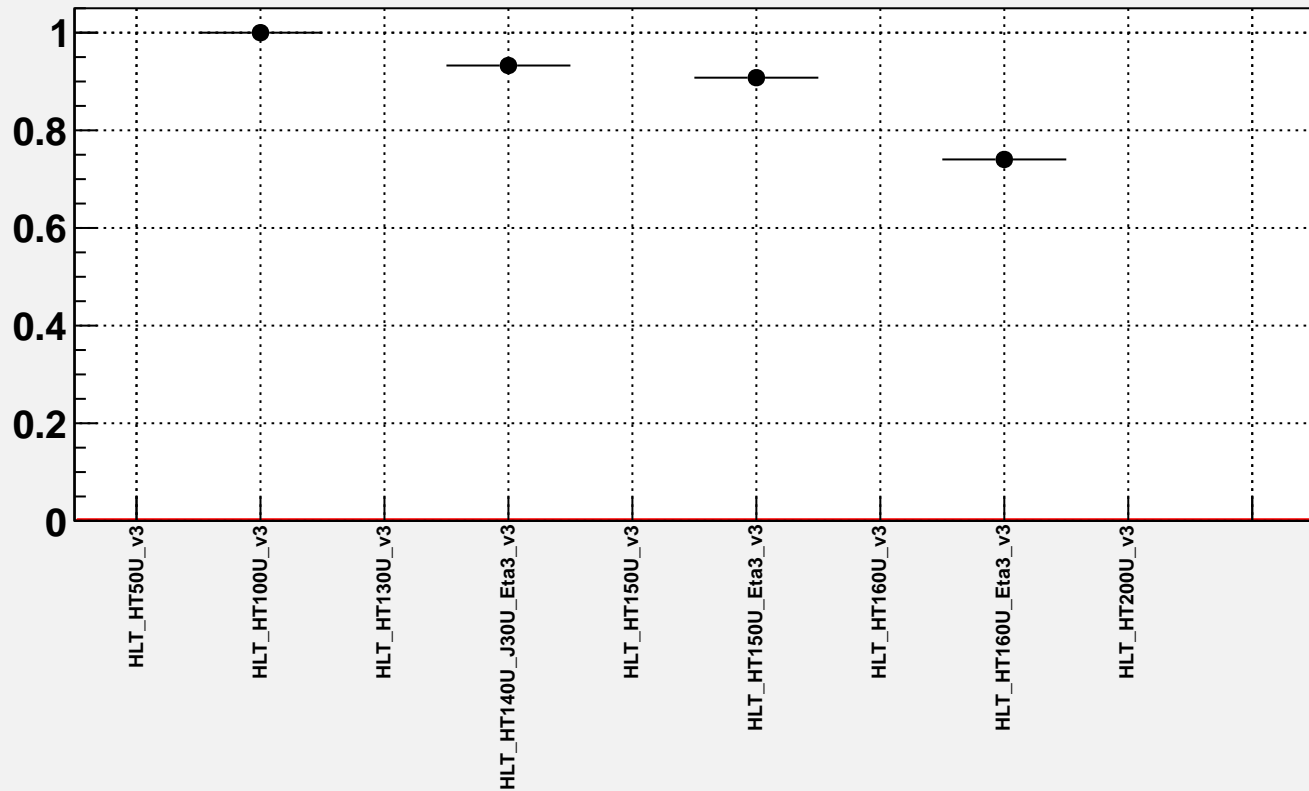
# List of used cuts



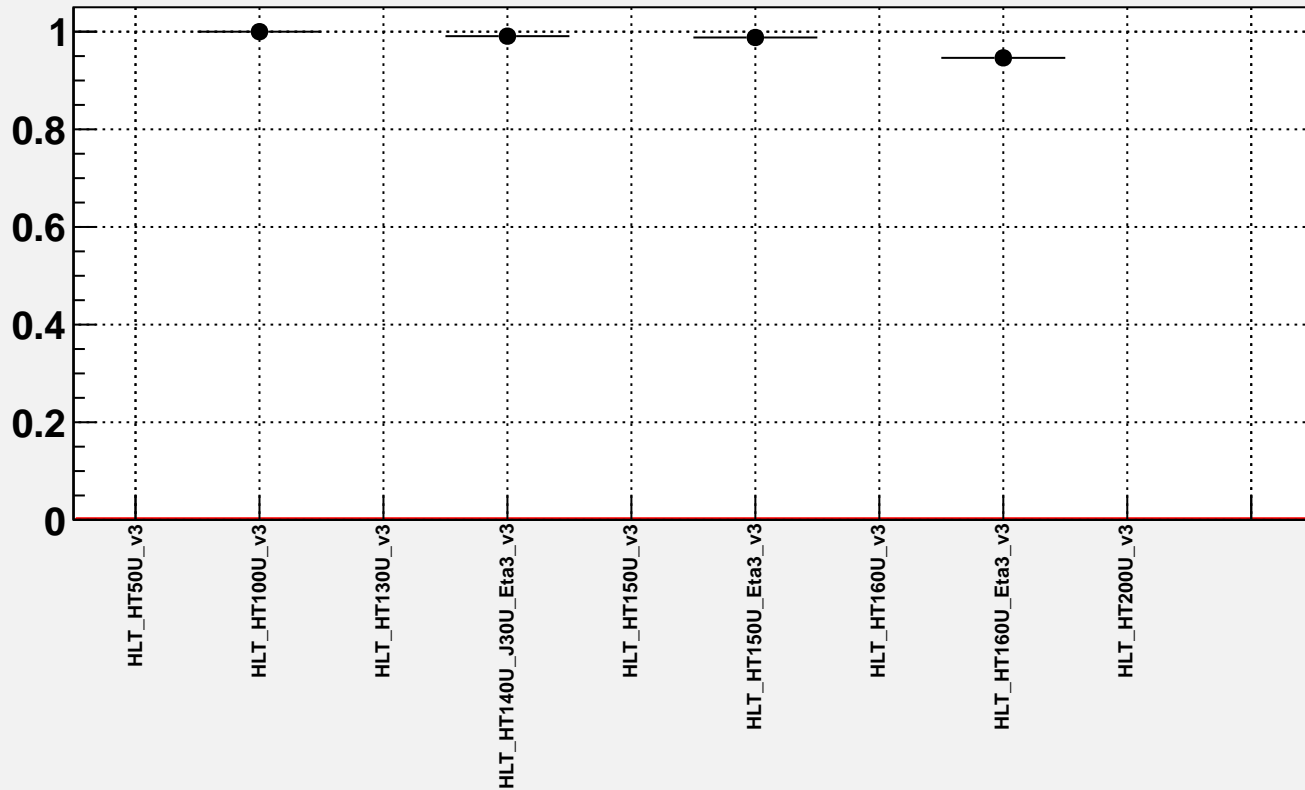
# Trigger Efficiencies for EXOTIC



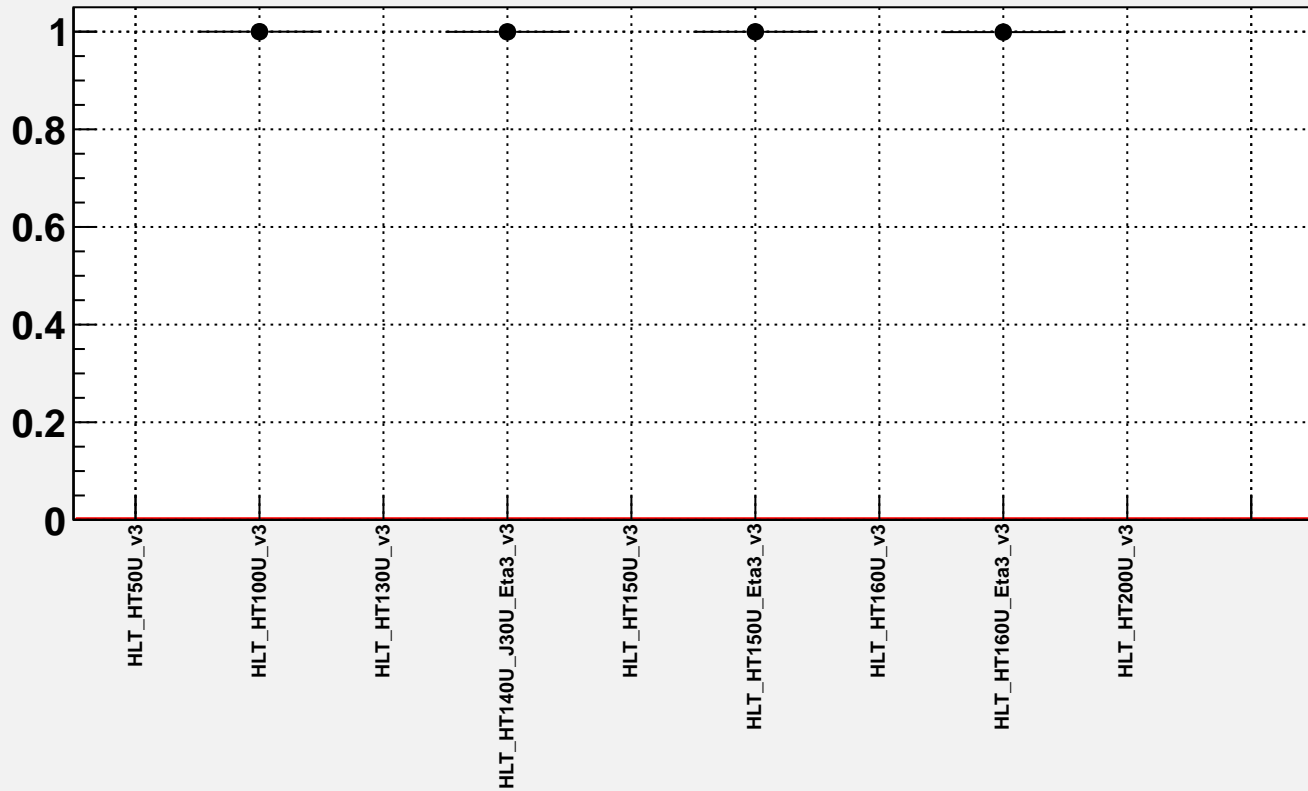
# Trigger Efficiencies for QCD\_PT\_80TO120



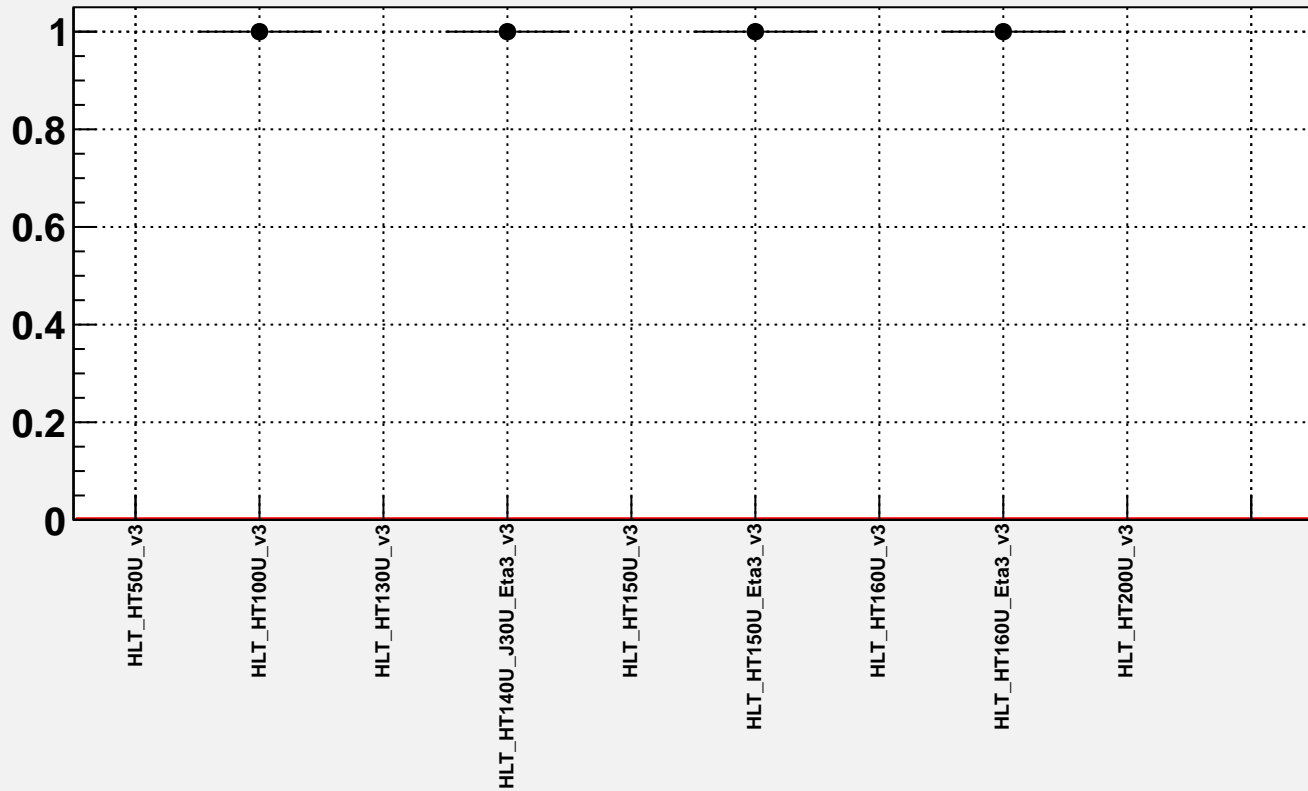
# Trigger Efficiencies for QCD\_PT\_120TO170

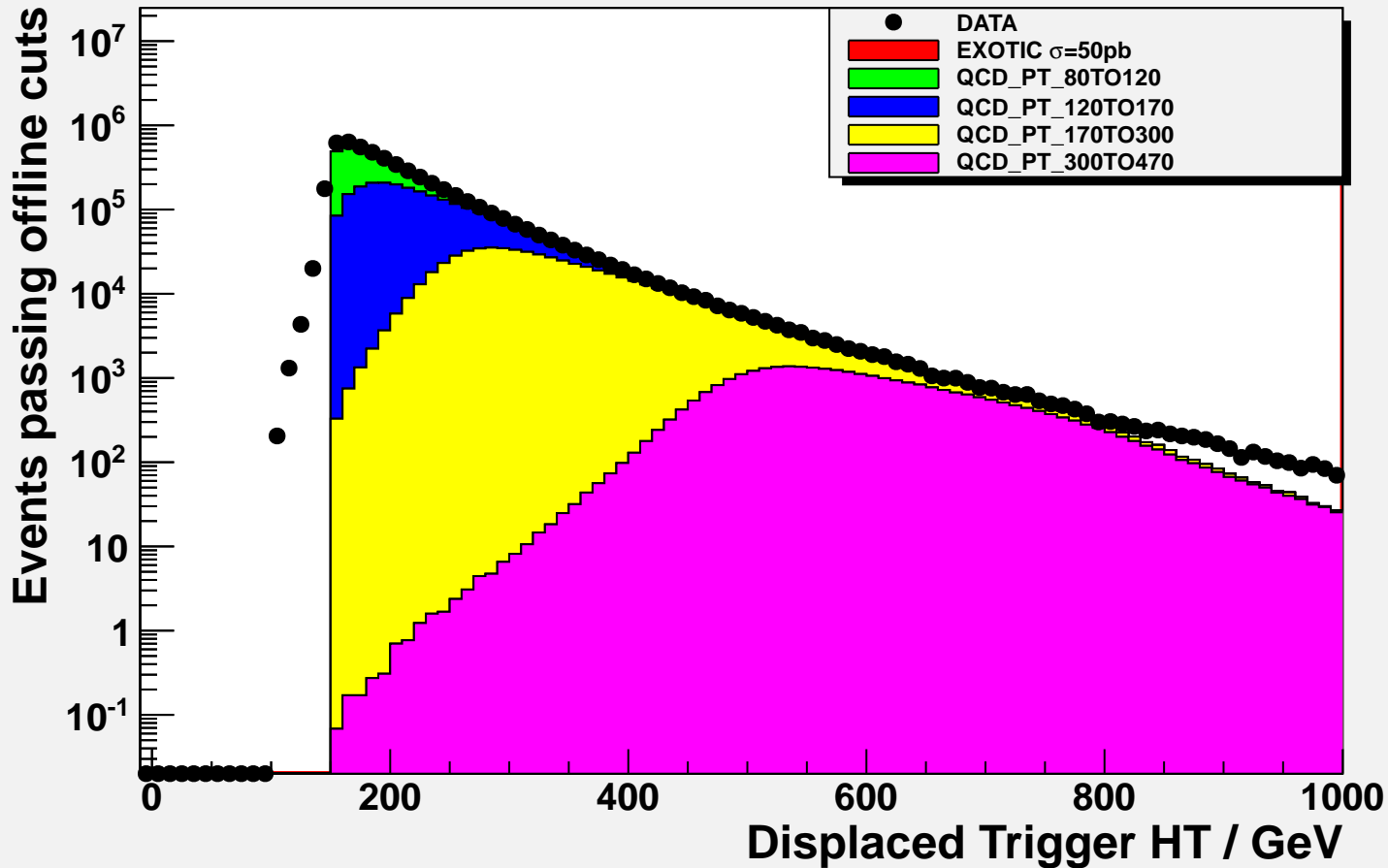


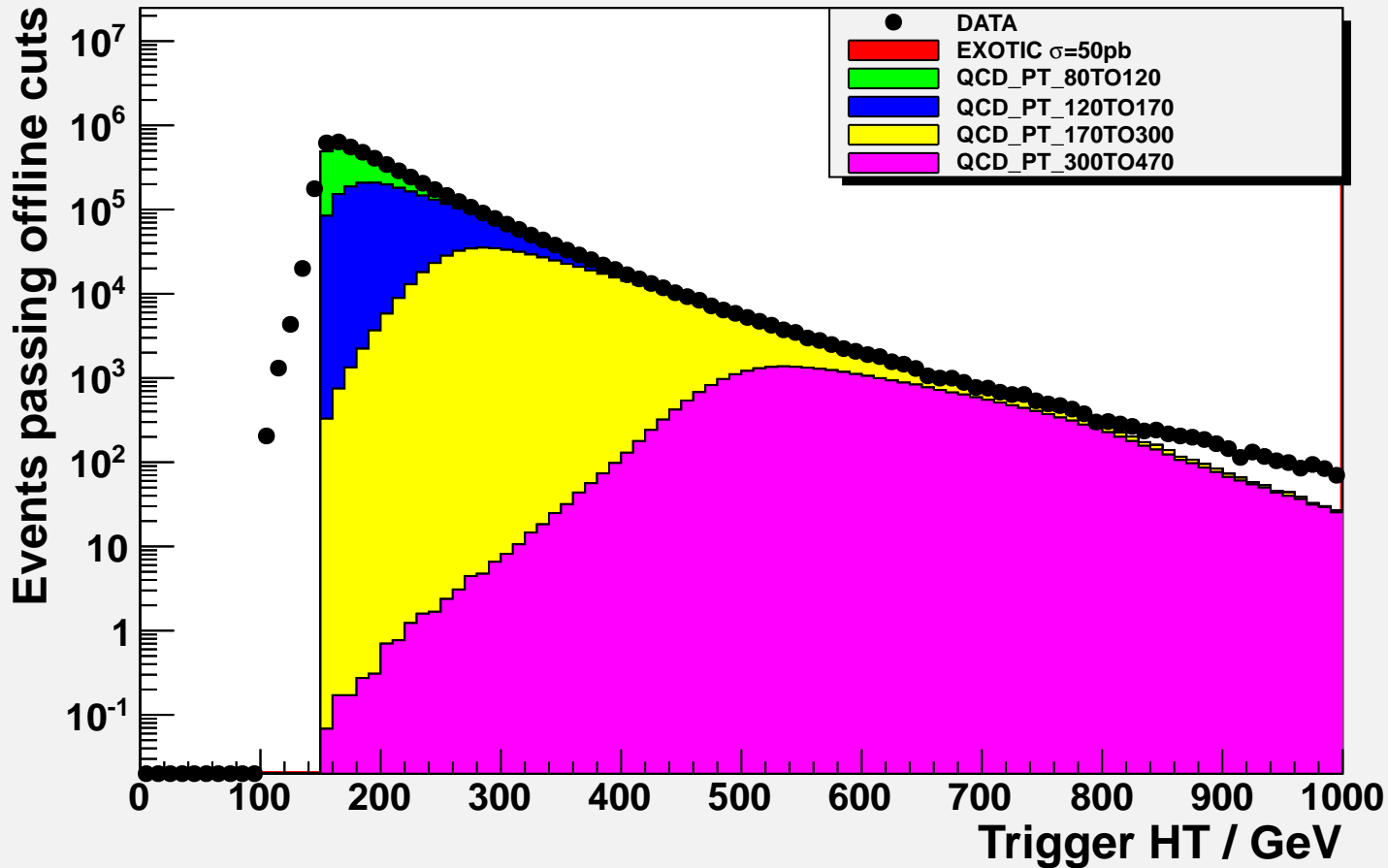
# Trigger Efficiencies for QCD\_PT\_170TO300



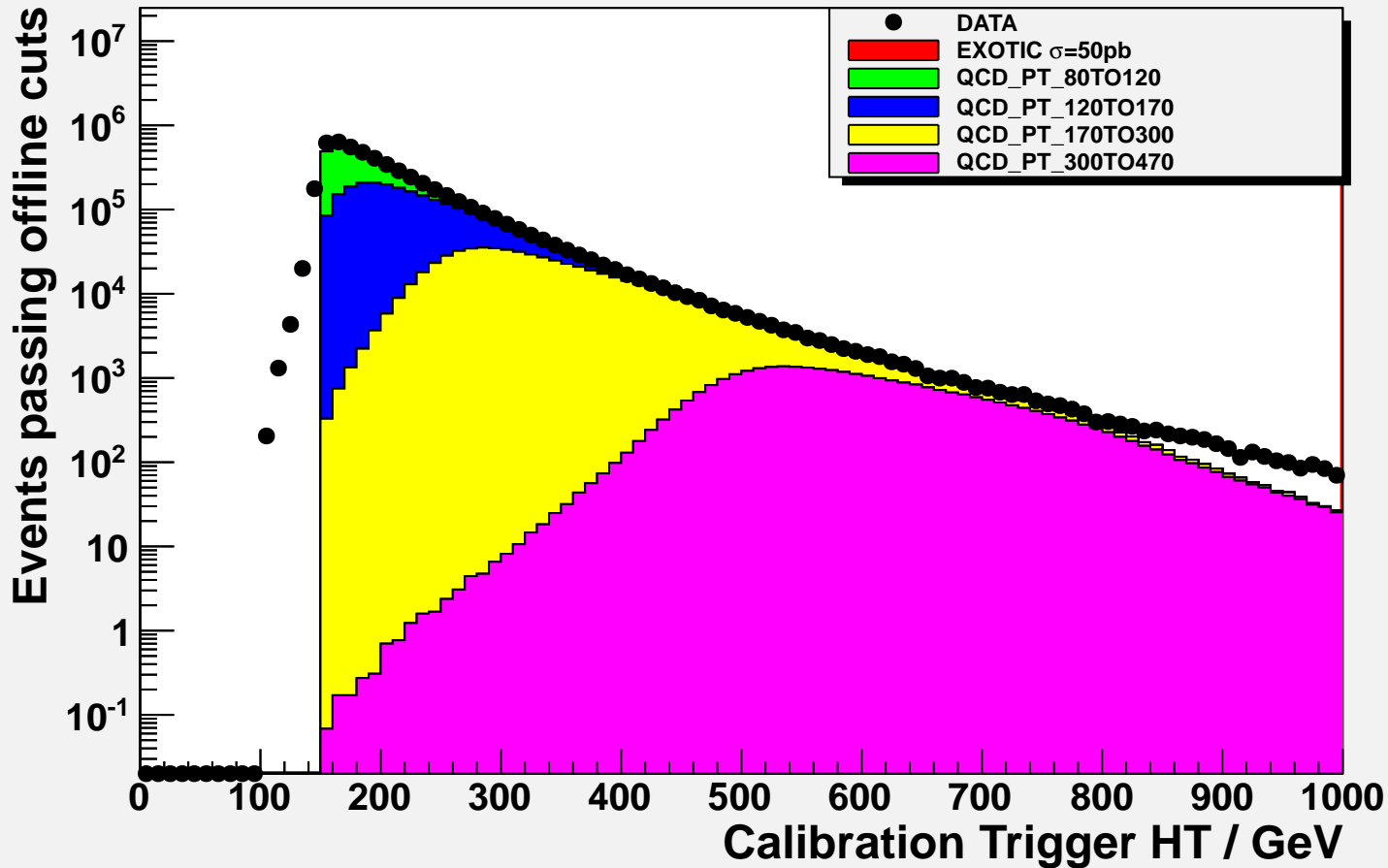
# Trigger Efficiencies for QCD\_PT\_300TO470

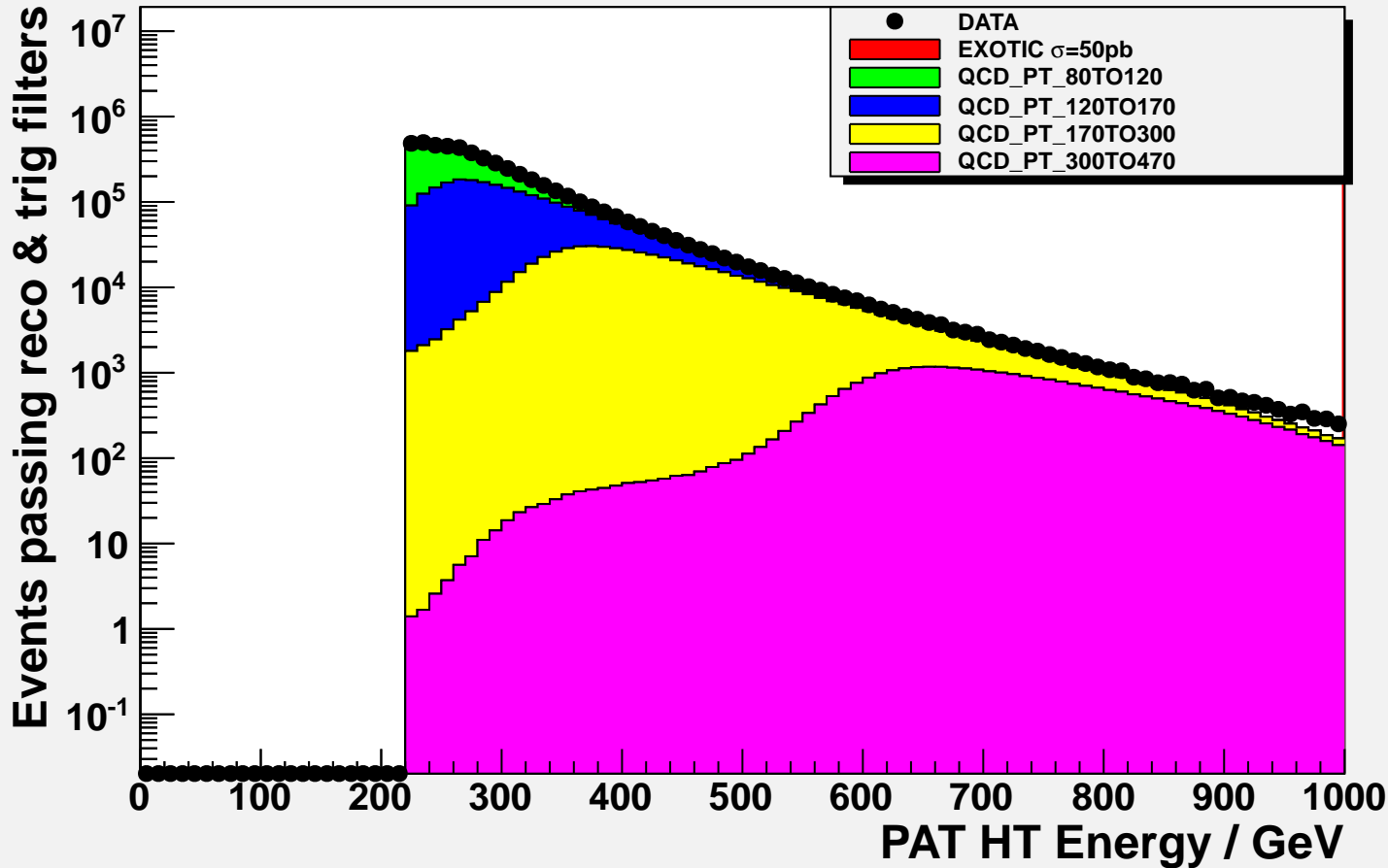


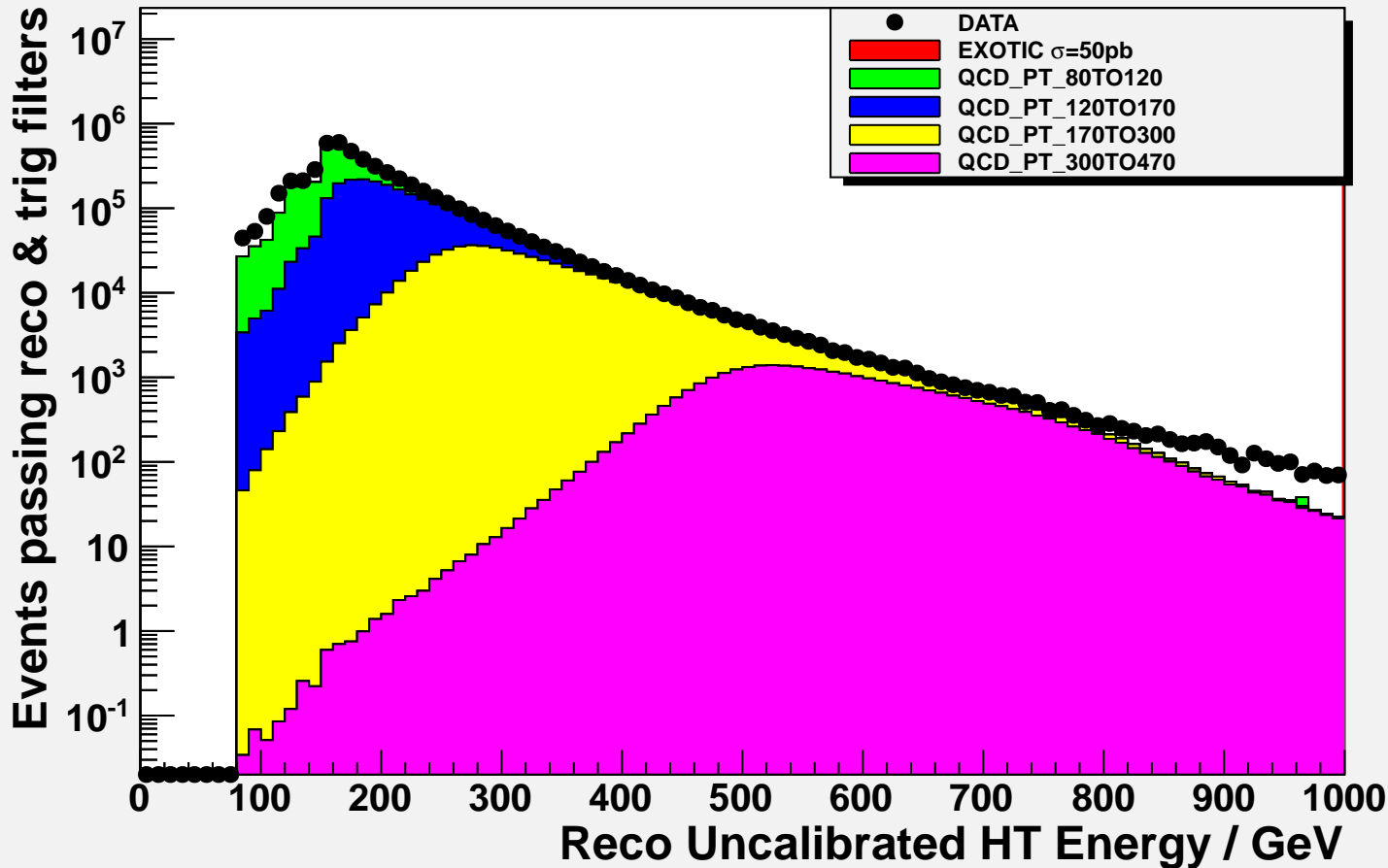


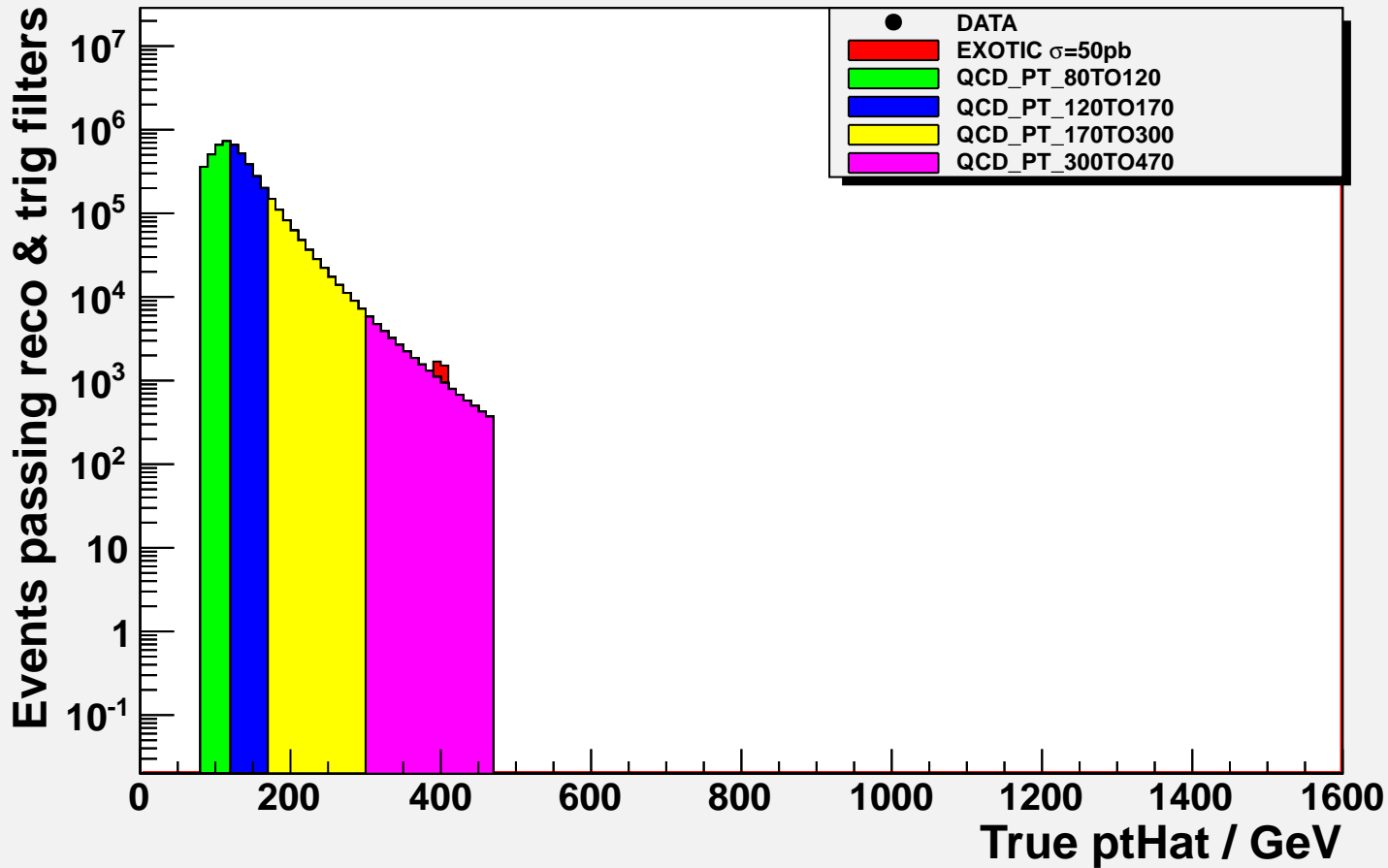


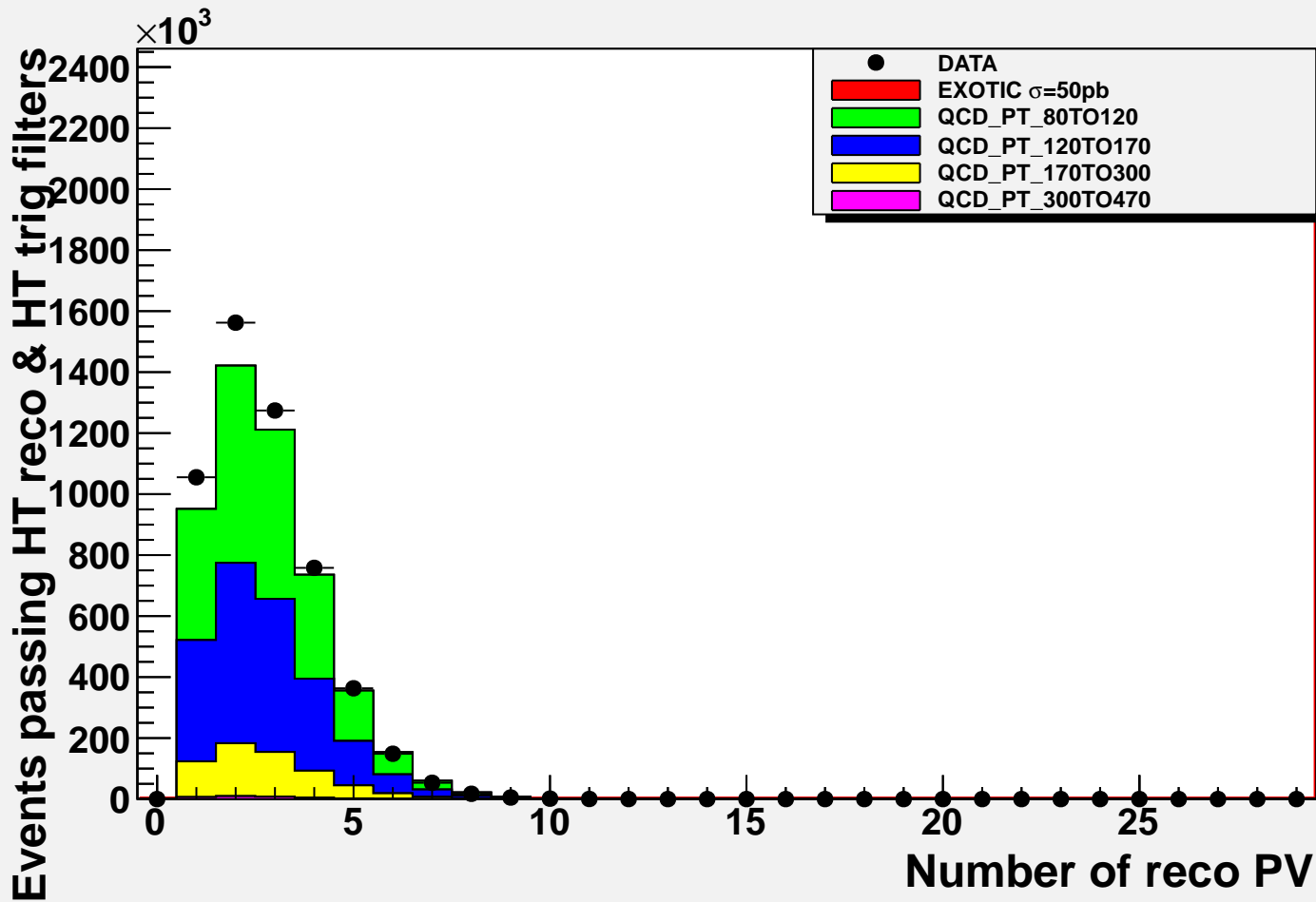


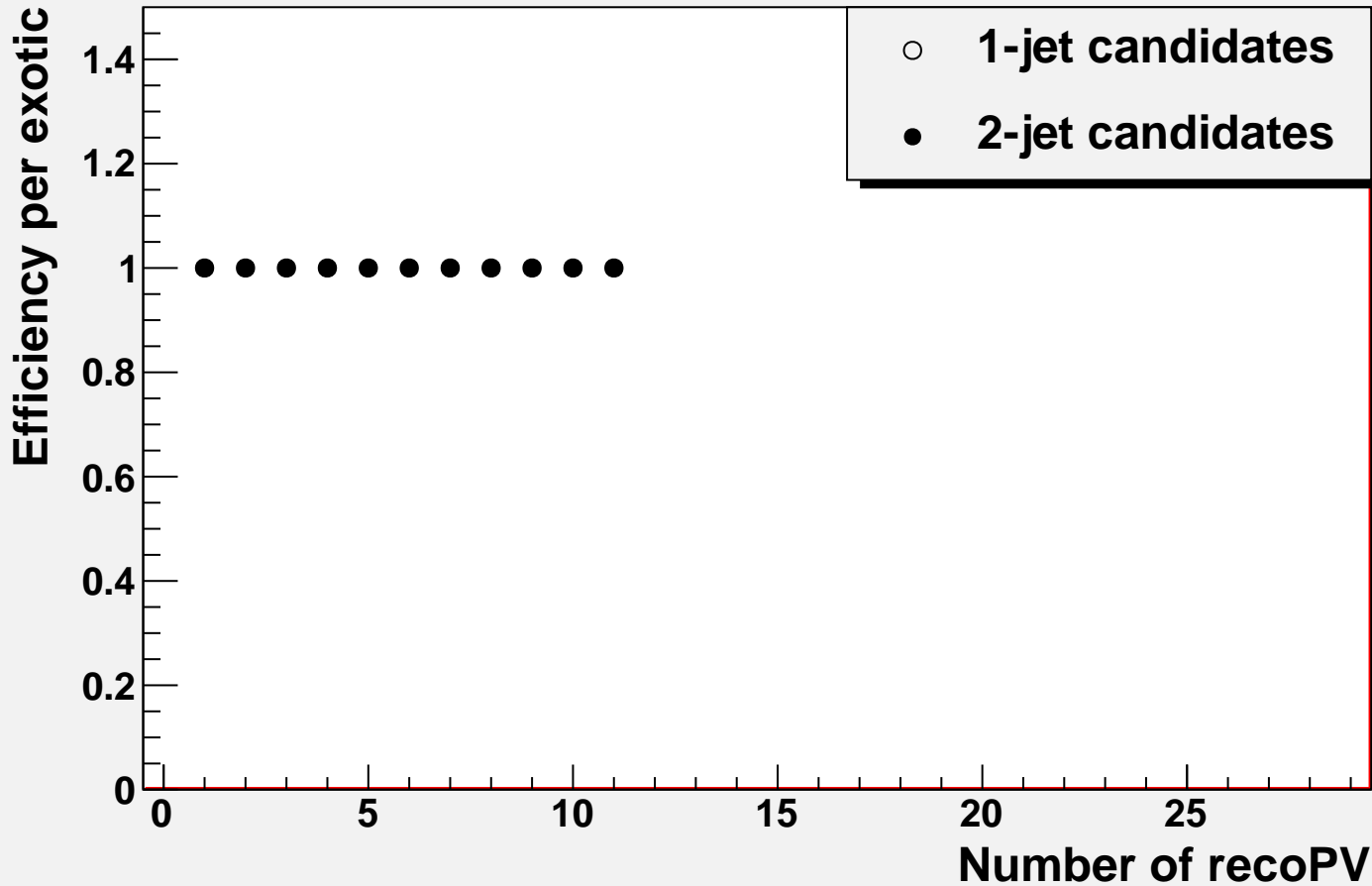


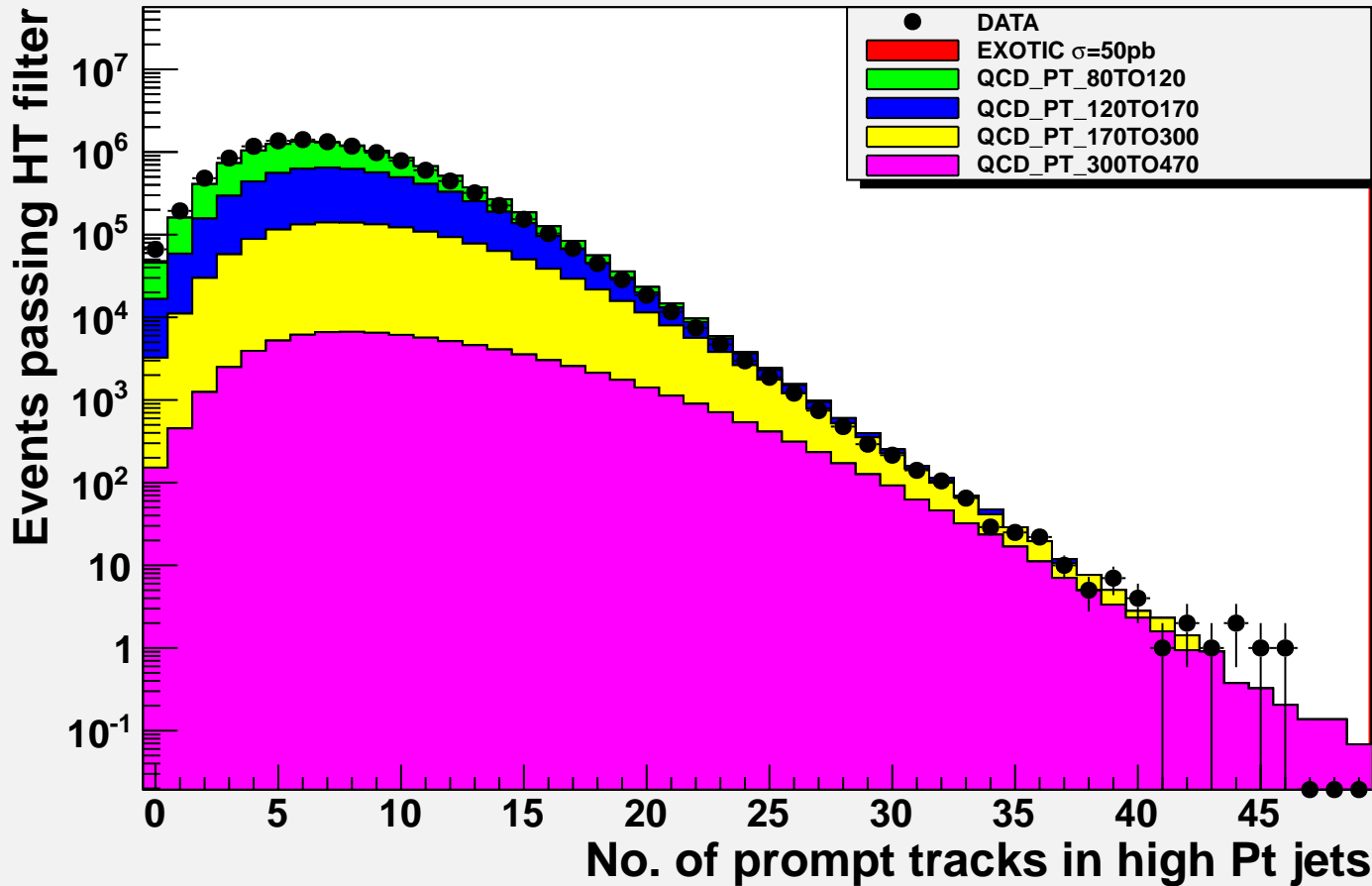


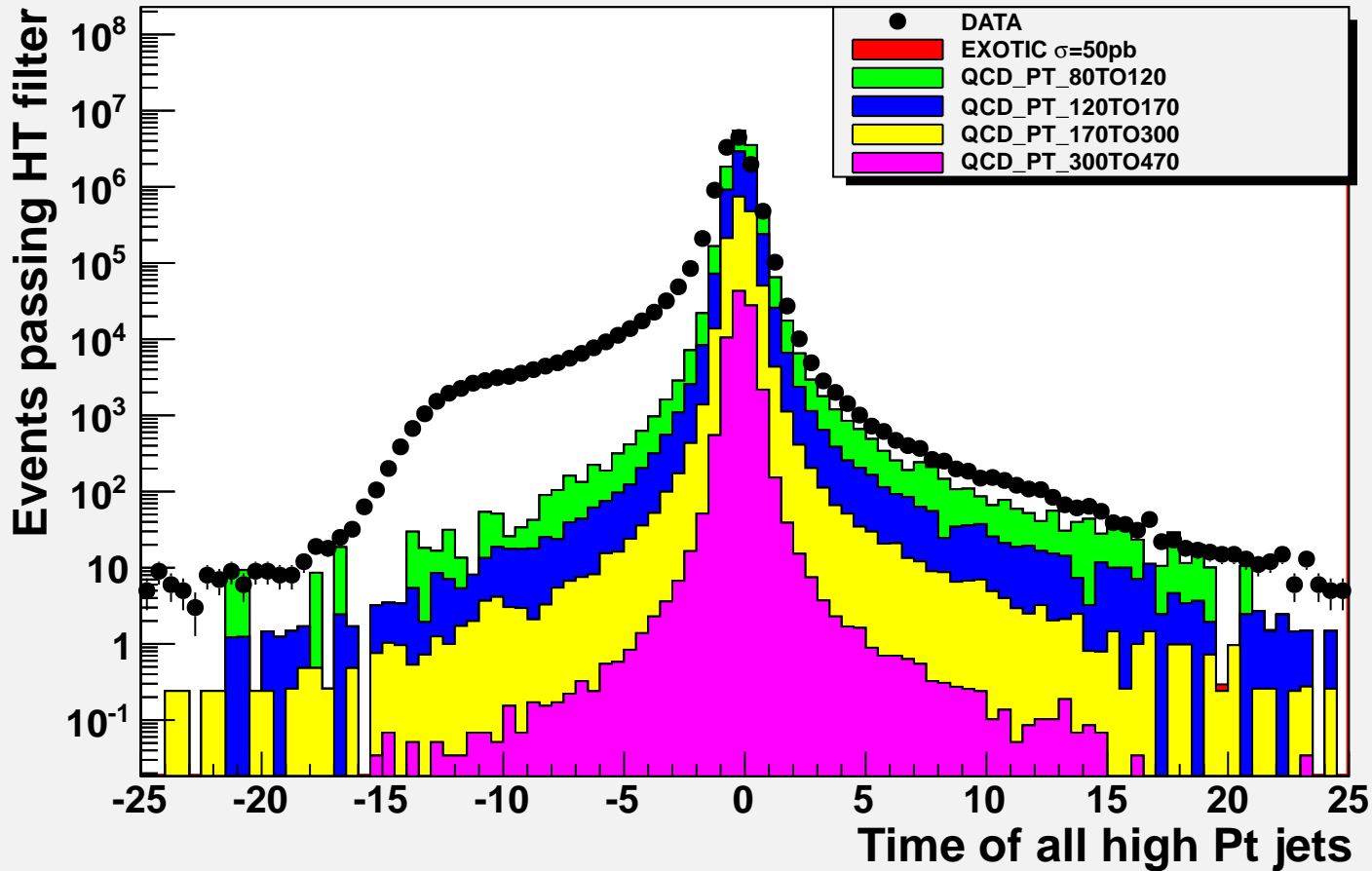




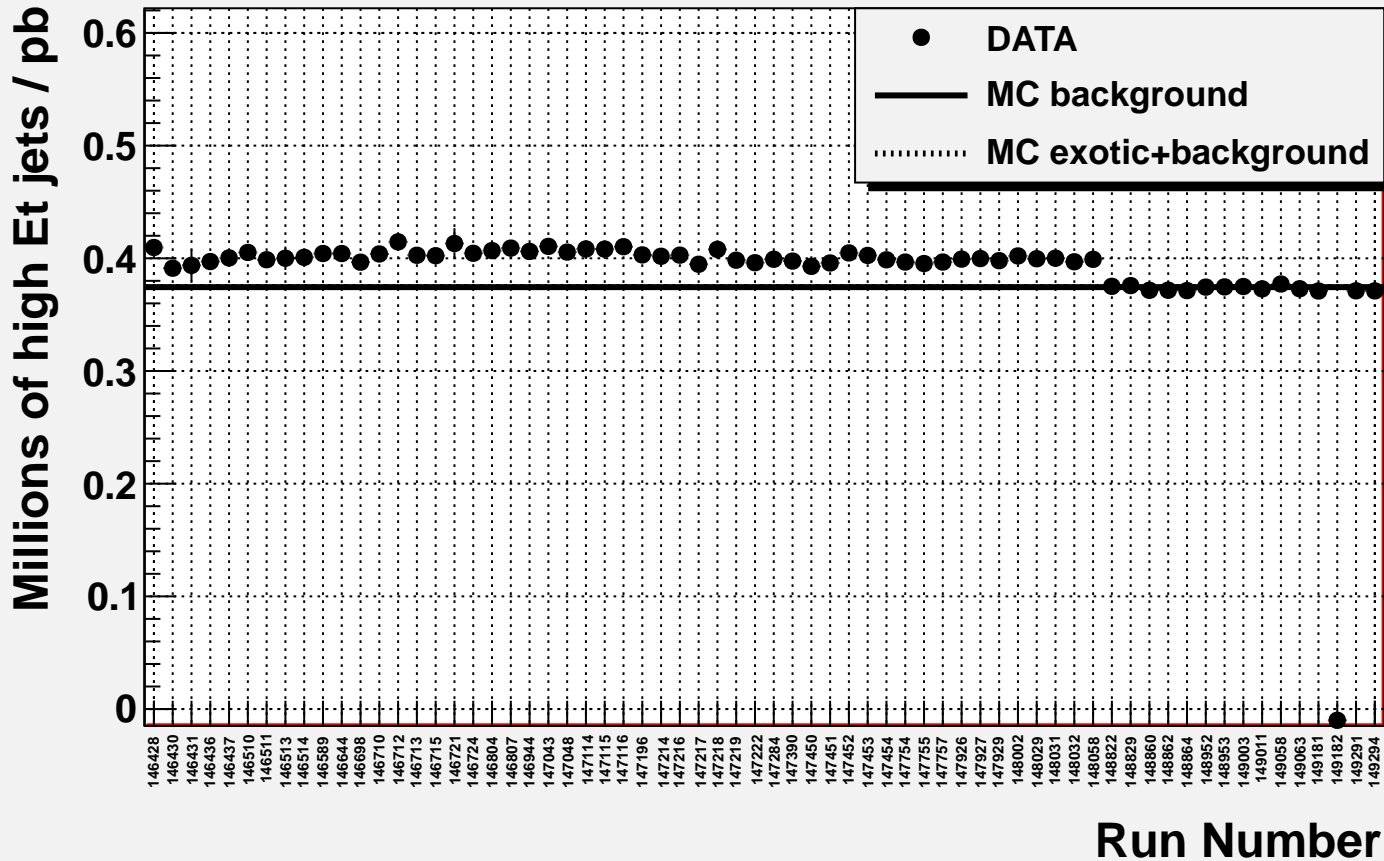


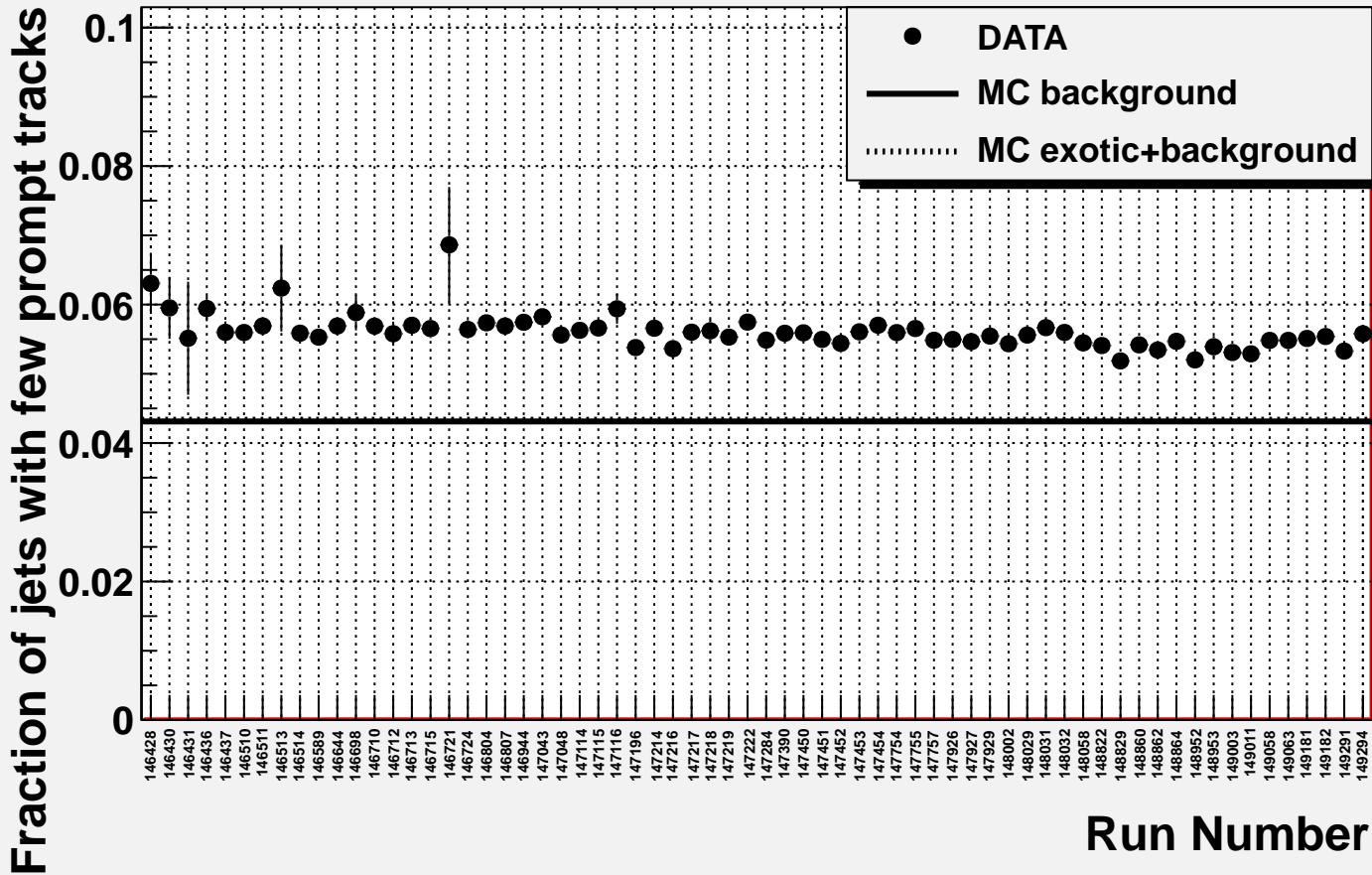


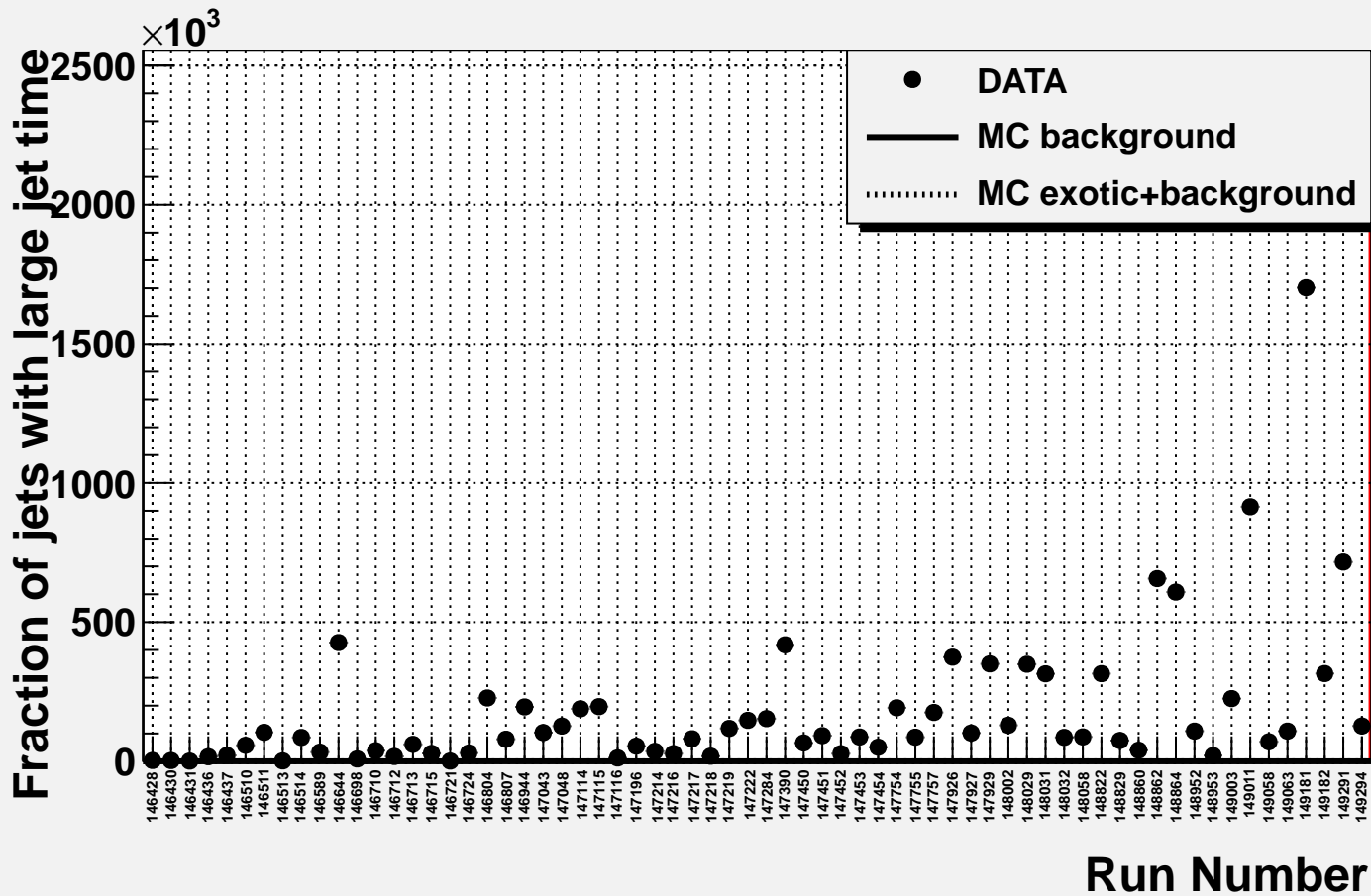




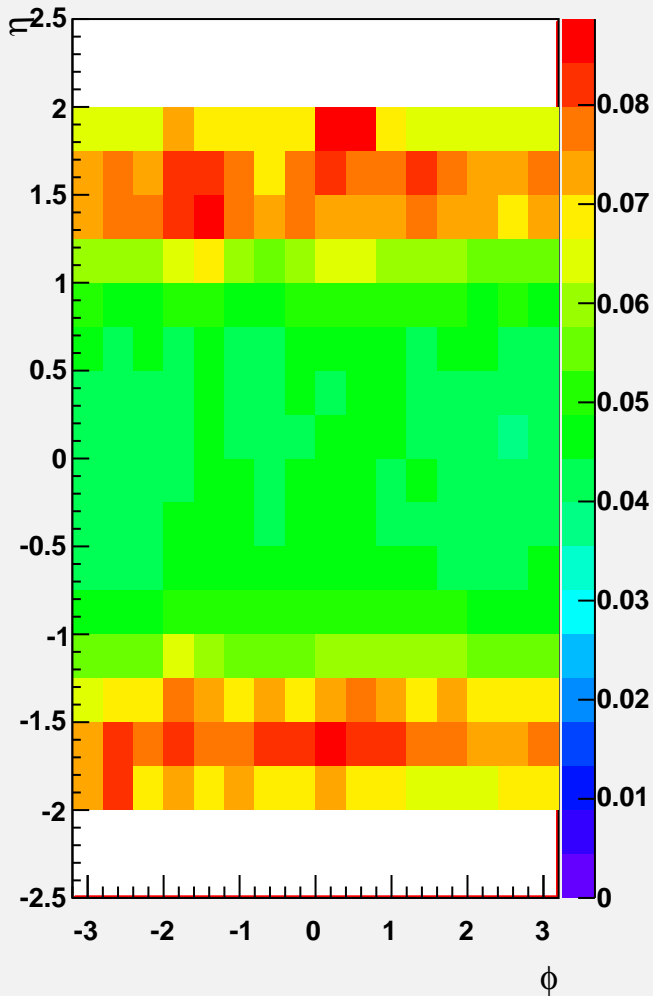




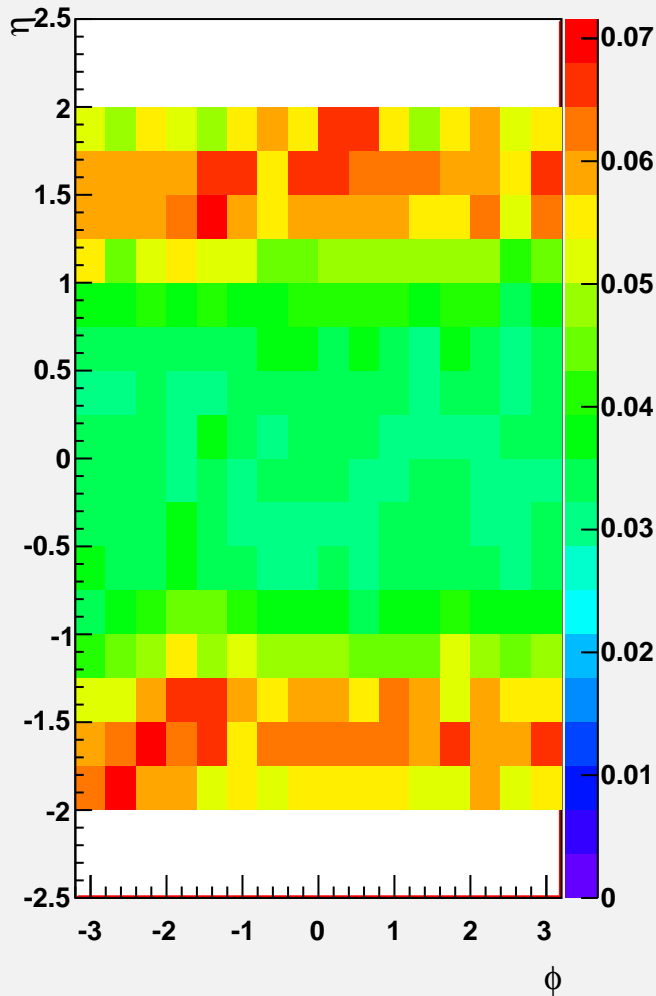




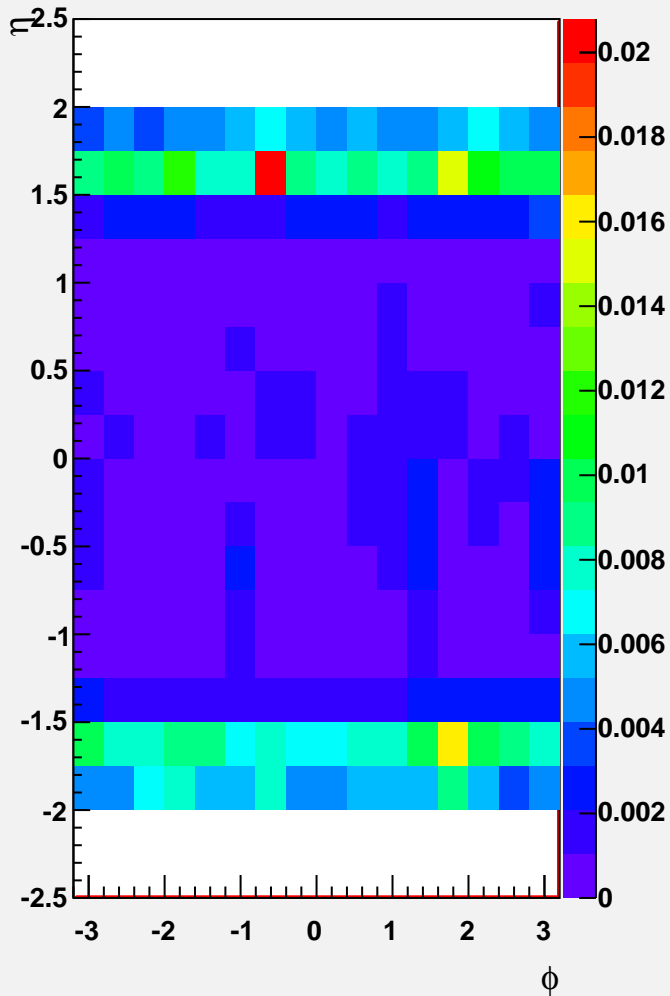
DATA: Fraction of jets with few prompt tracks



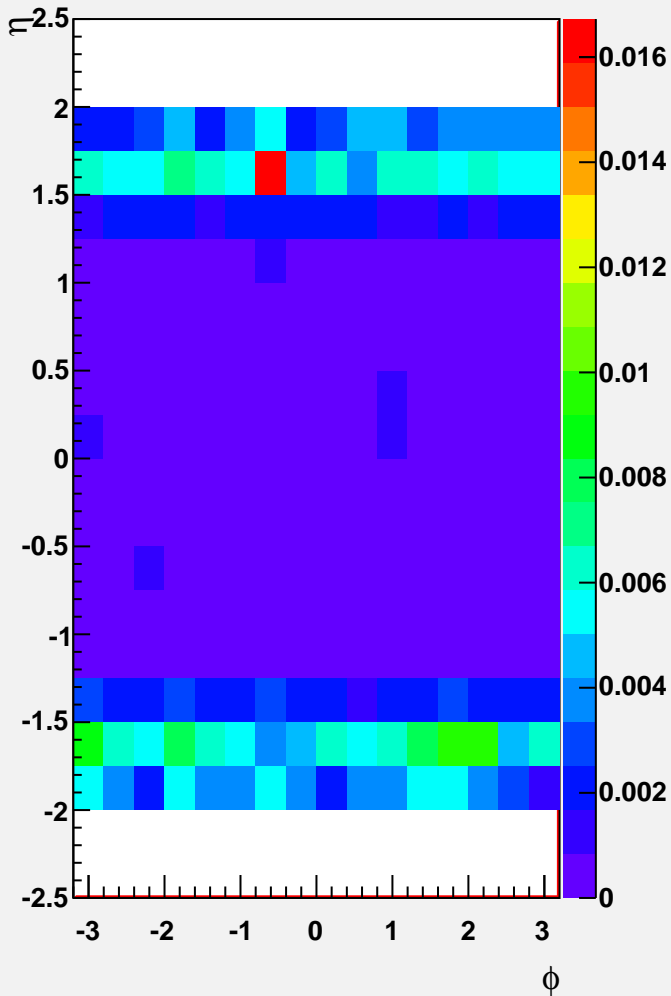
MC: Fraction of jets with few prompt tracks



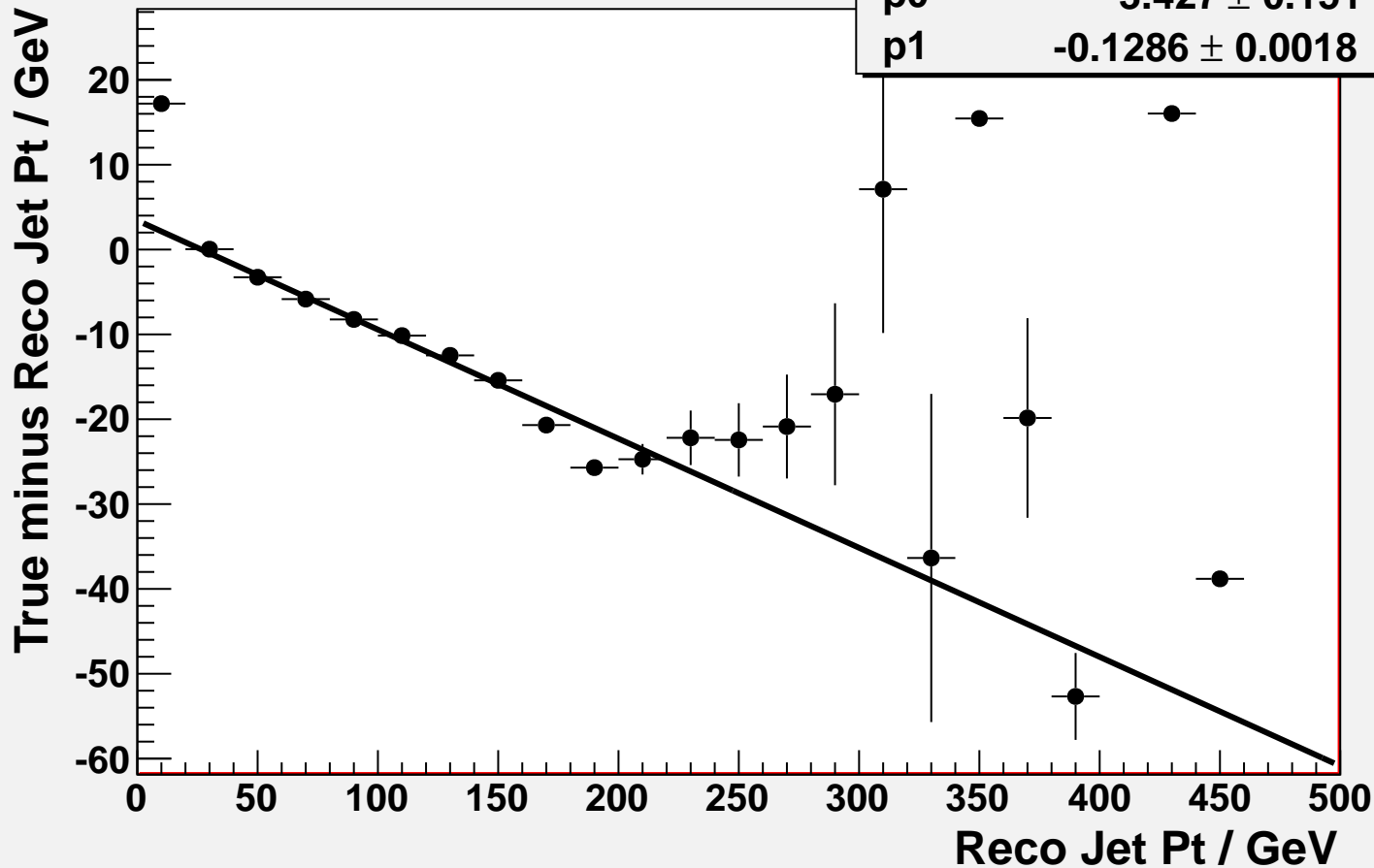
DATA: Fraction of jets with large time



MC: Fraction of jets with large time



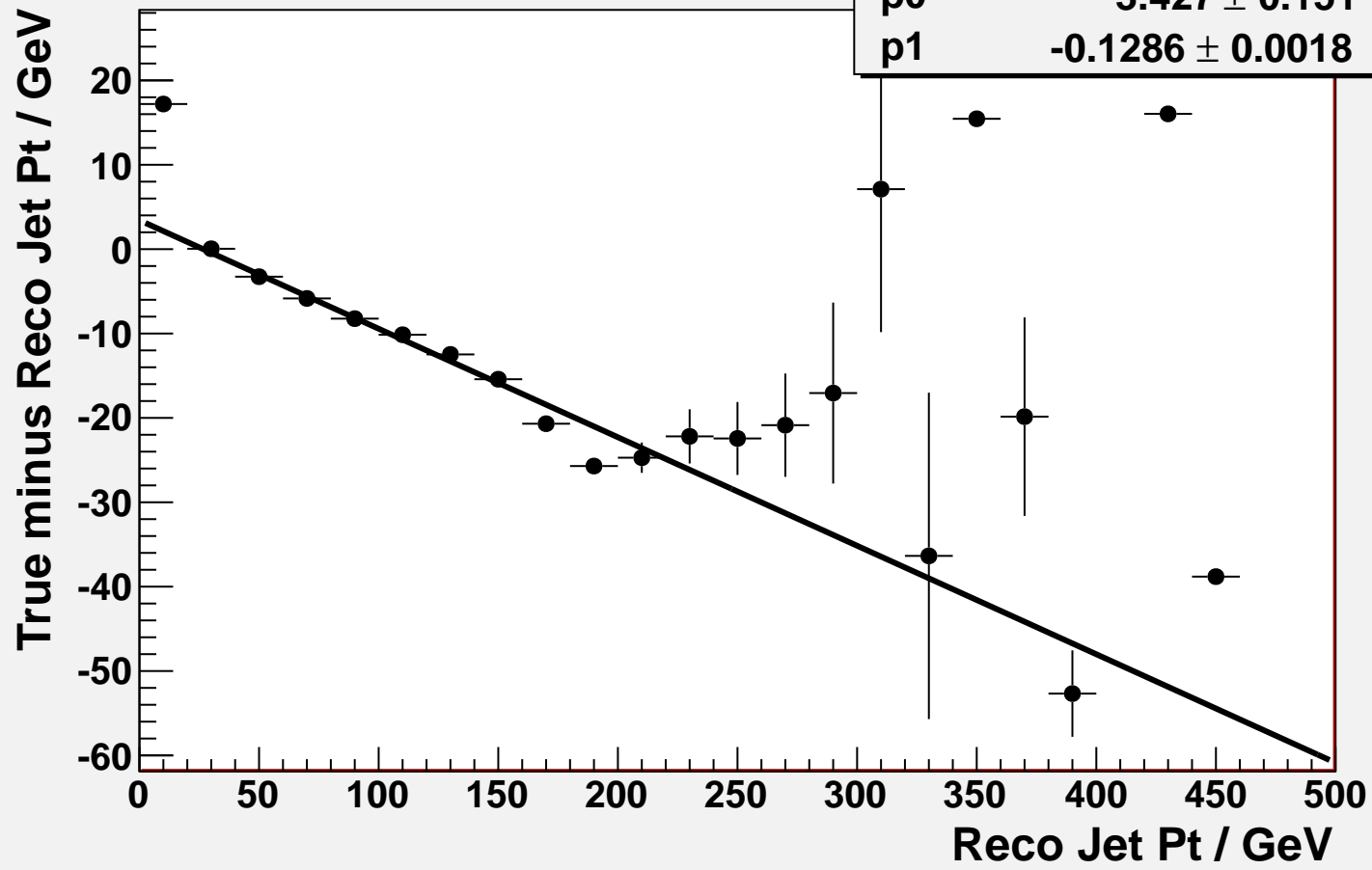
# Underestimate of CaloJet Pt vs. Pt

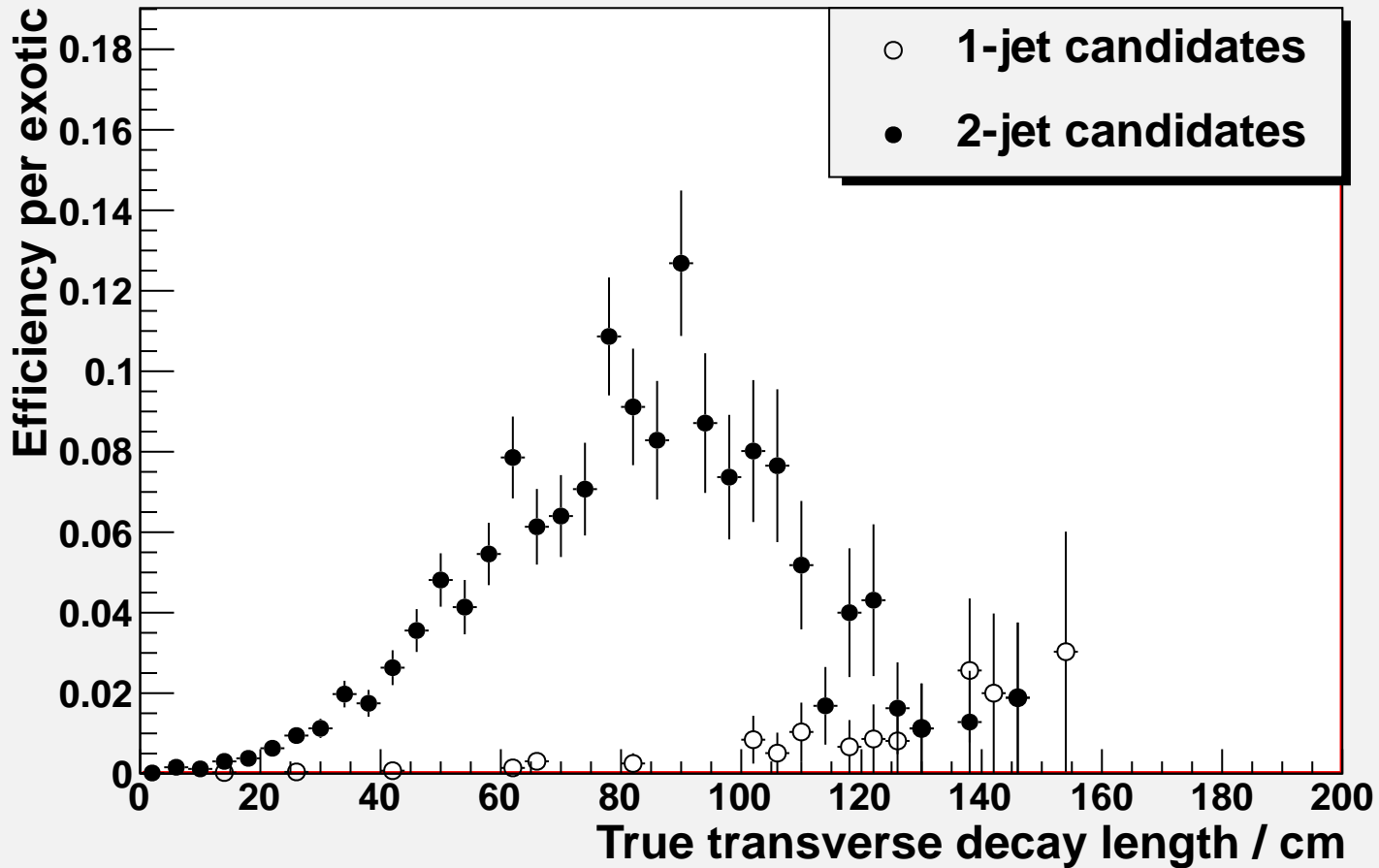


# Underestimate of My Corrected Jet Pt vs. Pt

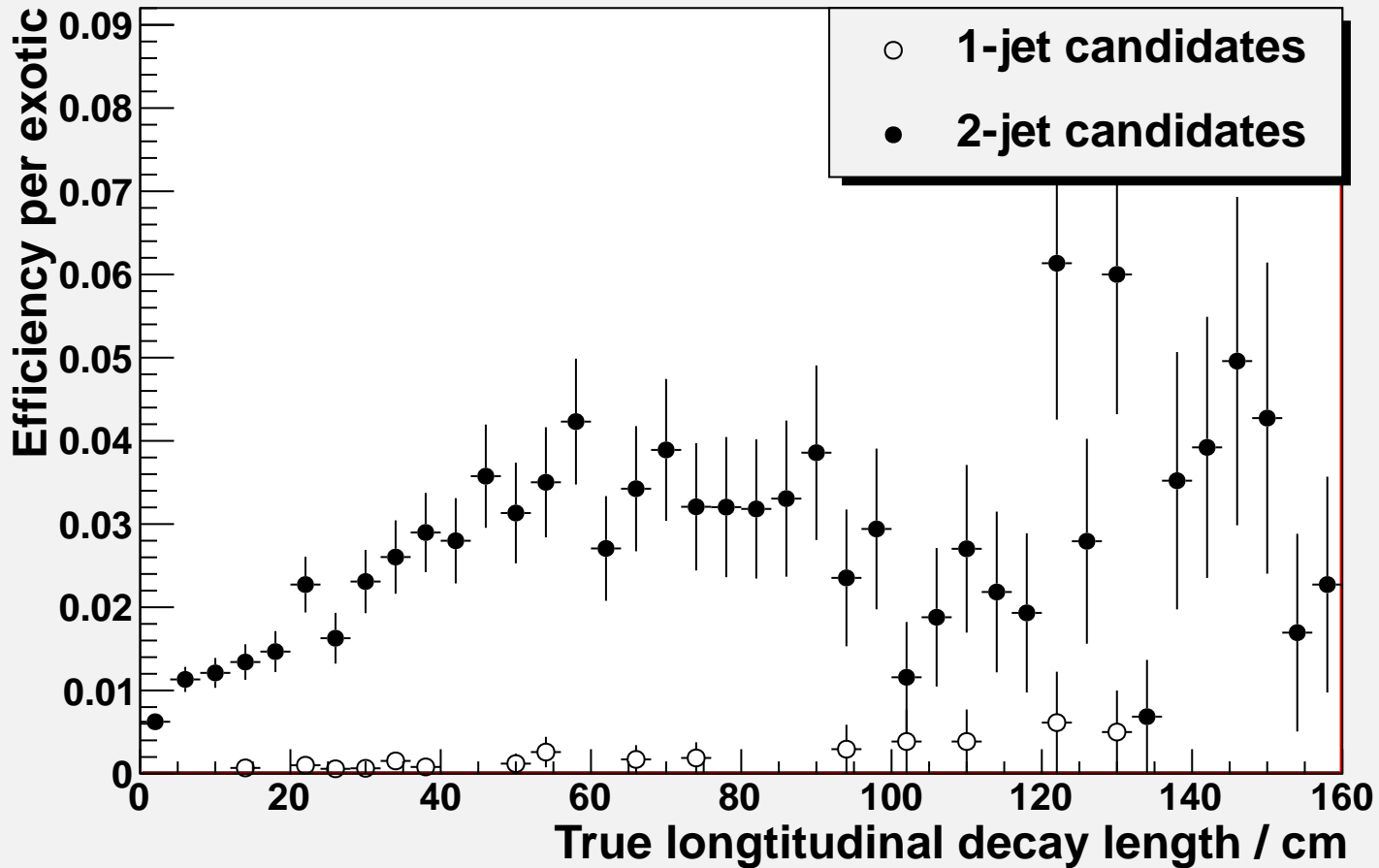
hdf 109.8 / 16

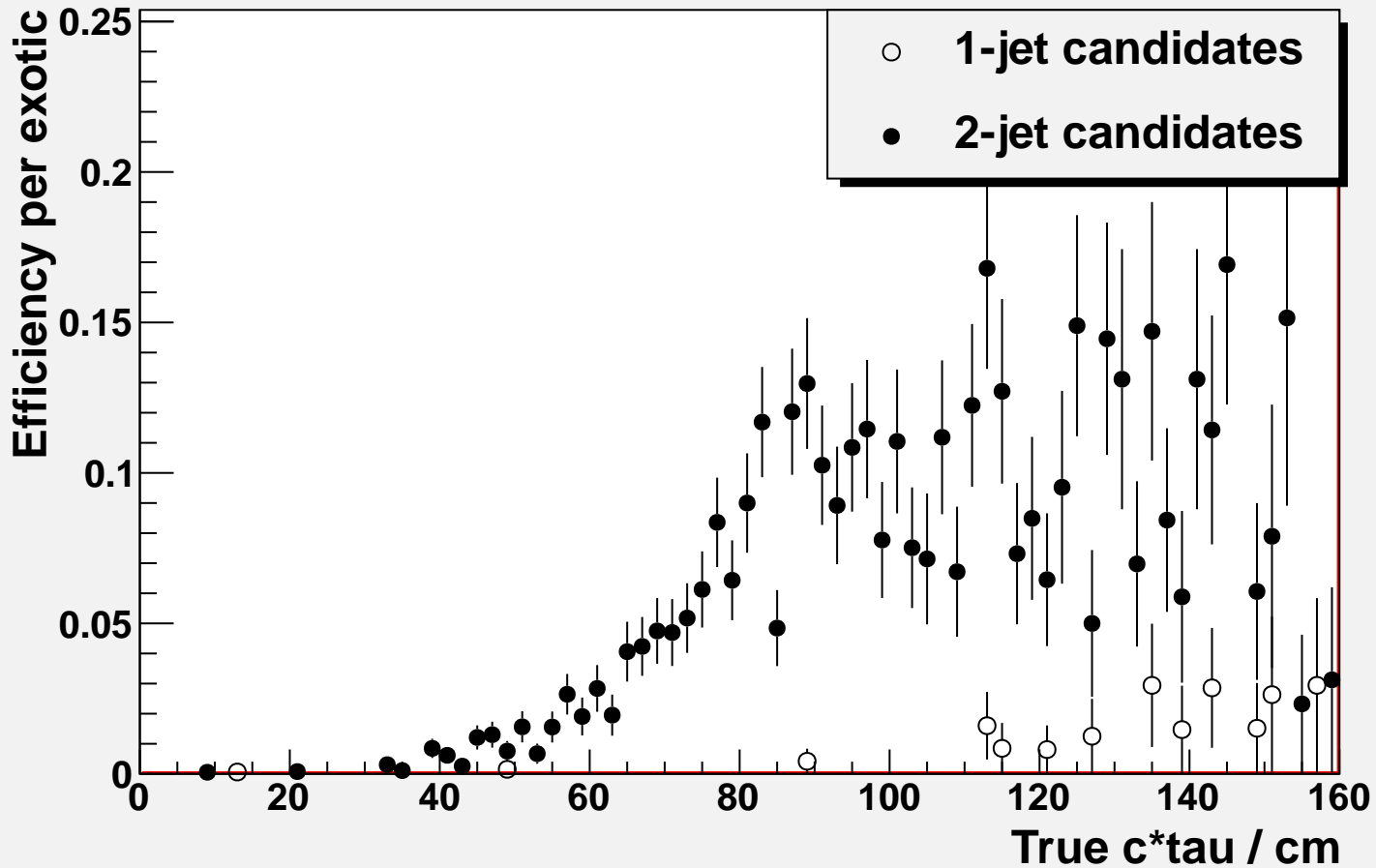
p0  $3.427 \pm 0.151$   
p1  $-0.1286 \pm 0.0018$

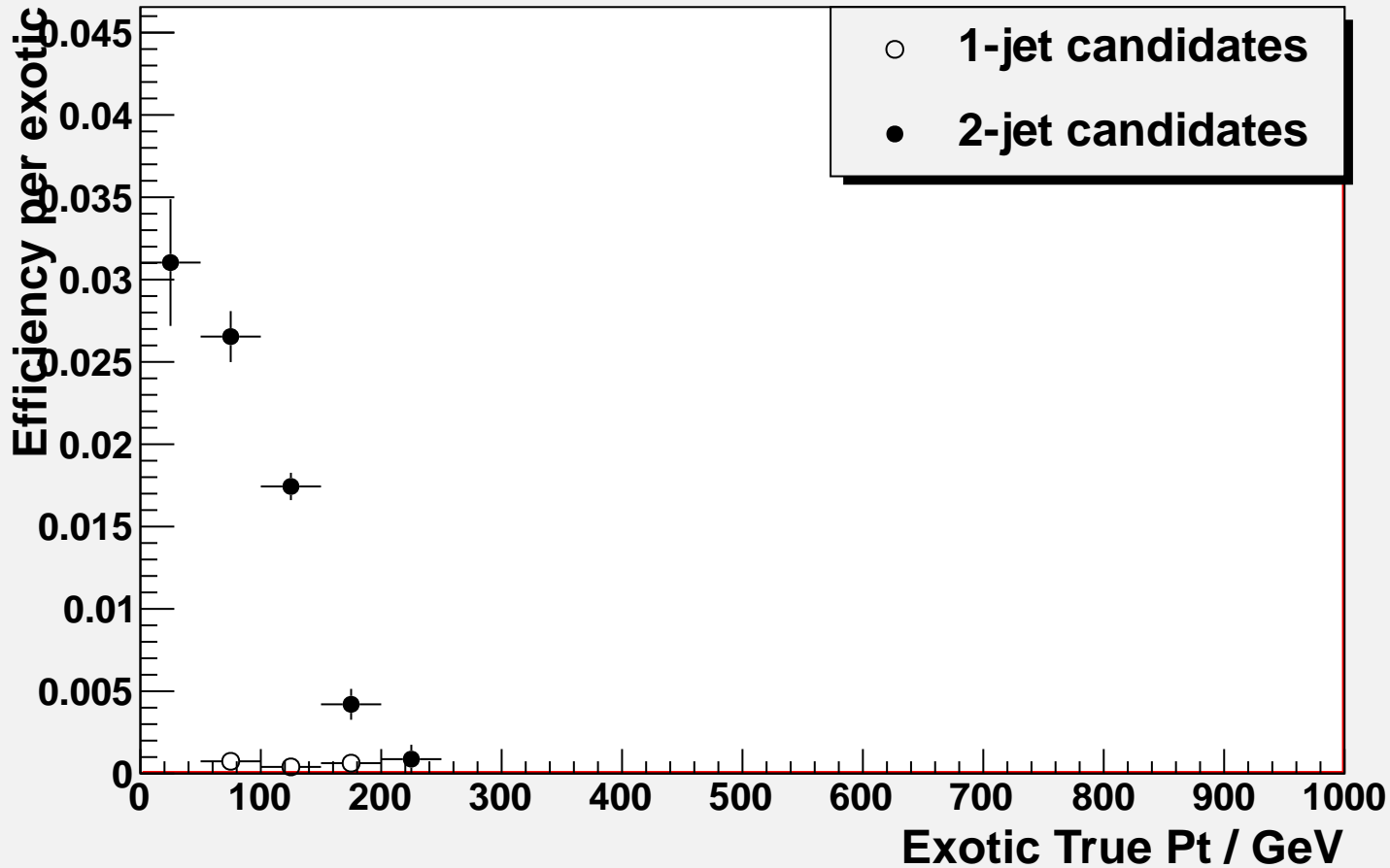


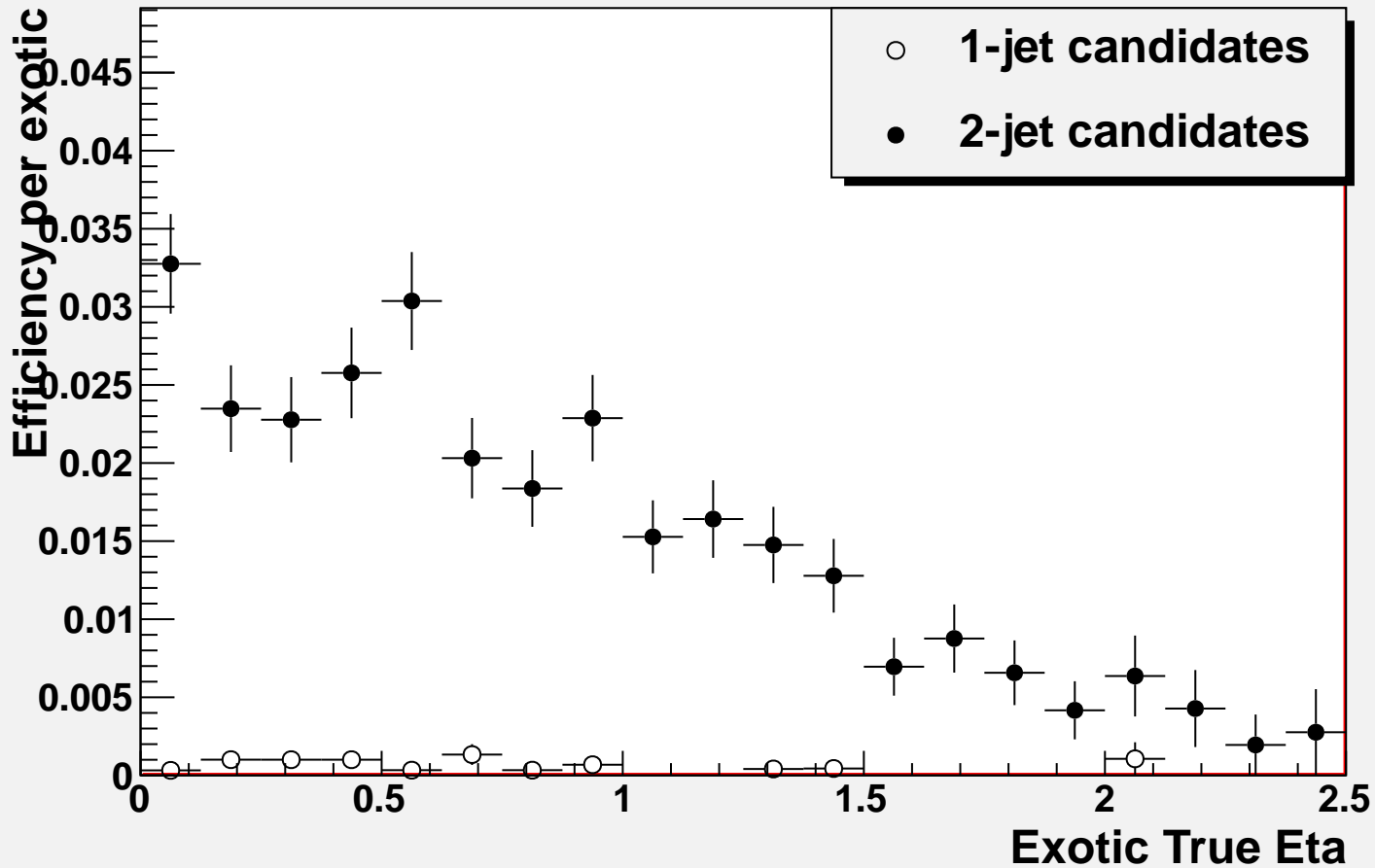


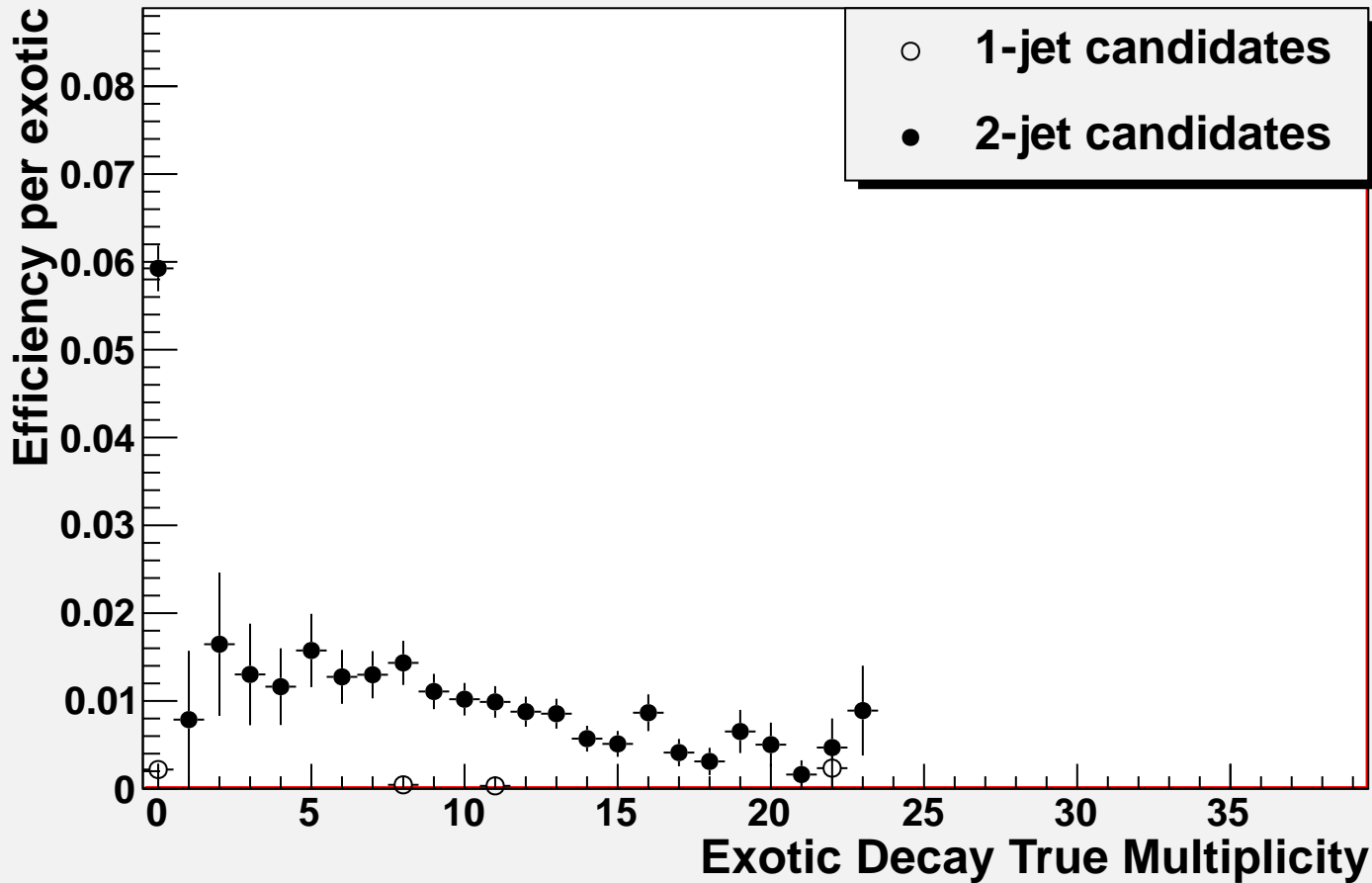


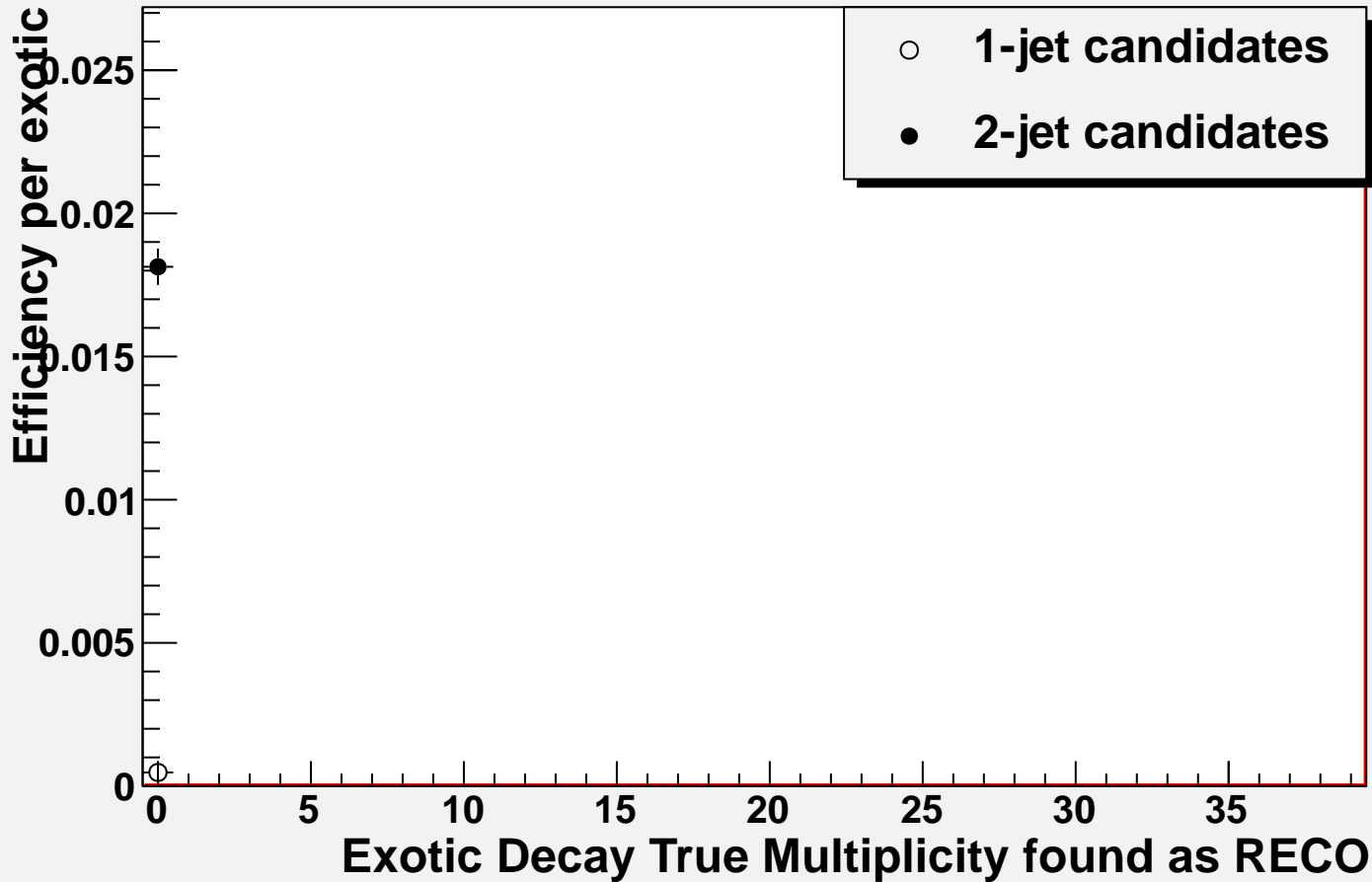


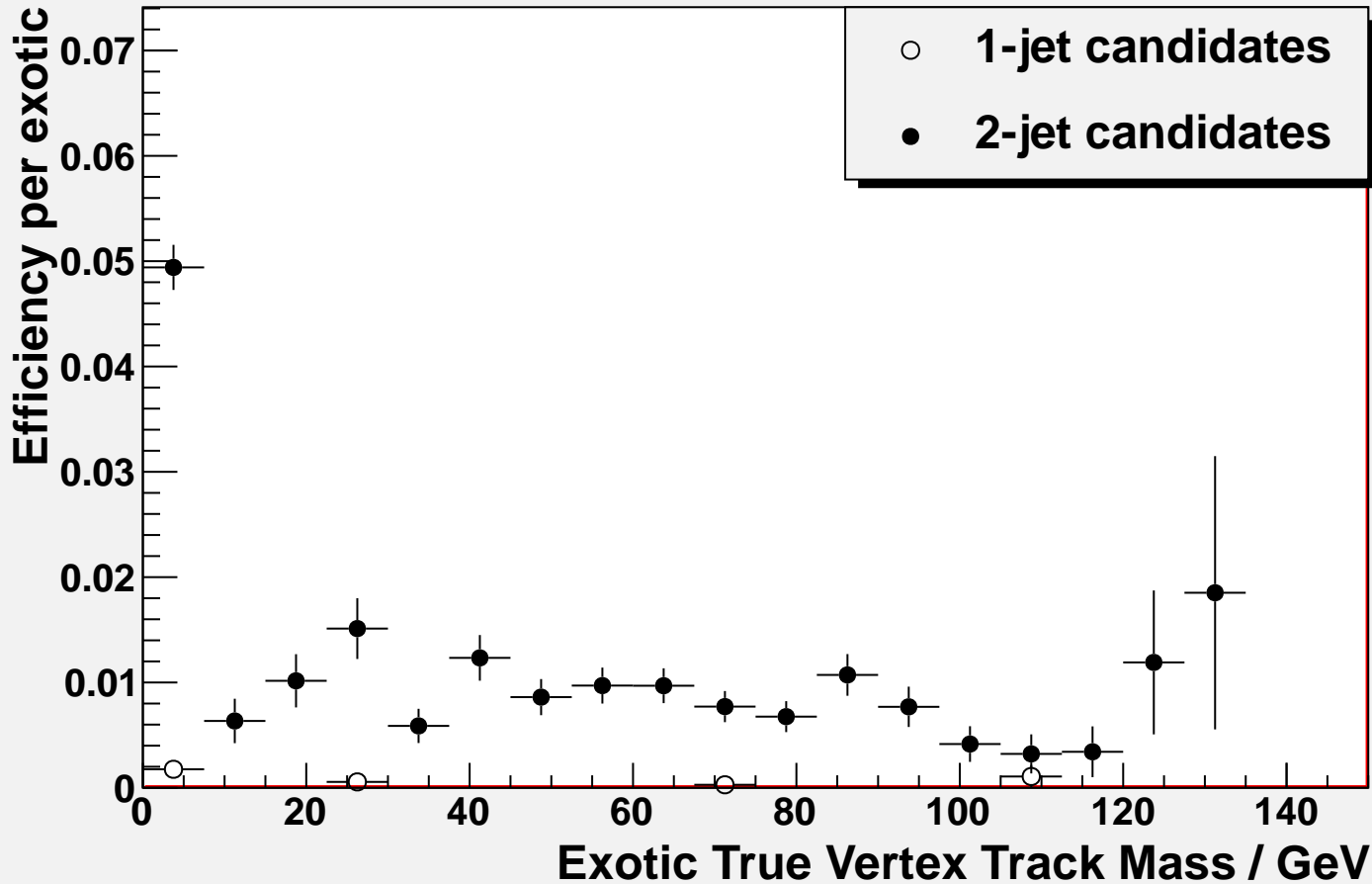


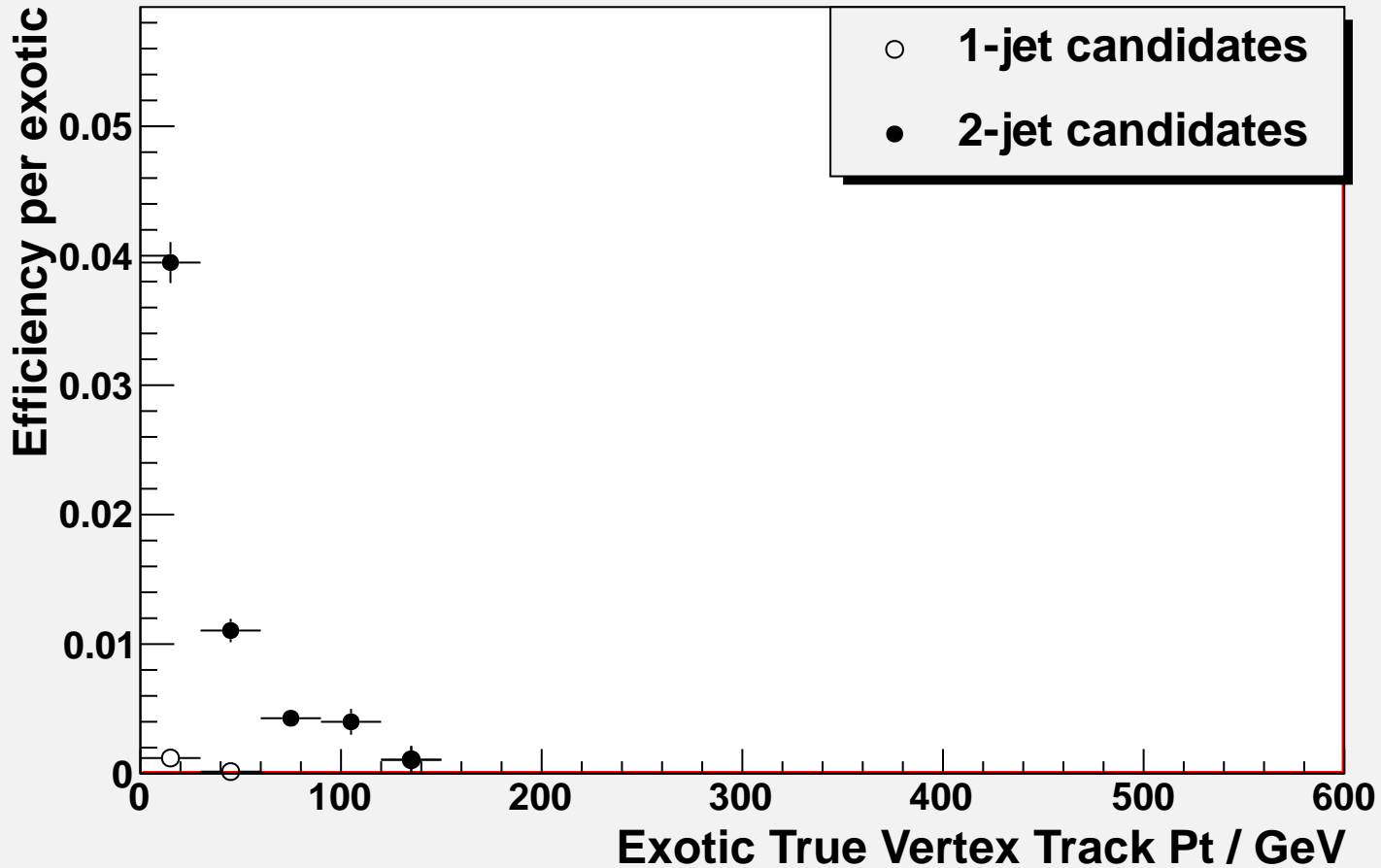




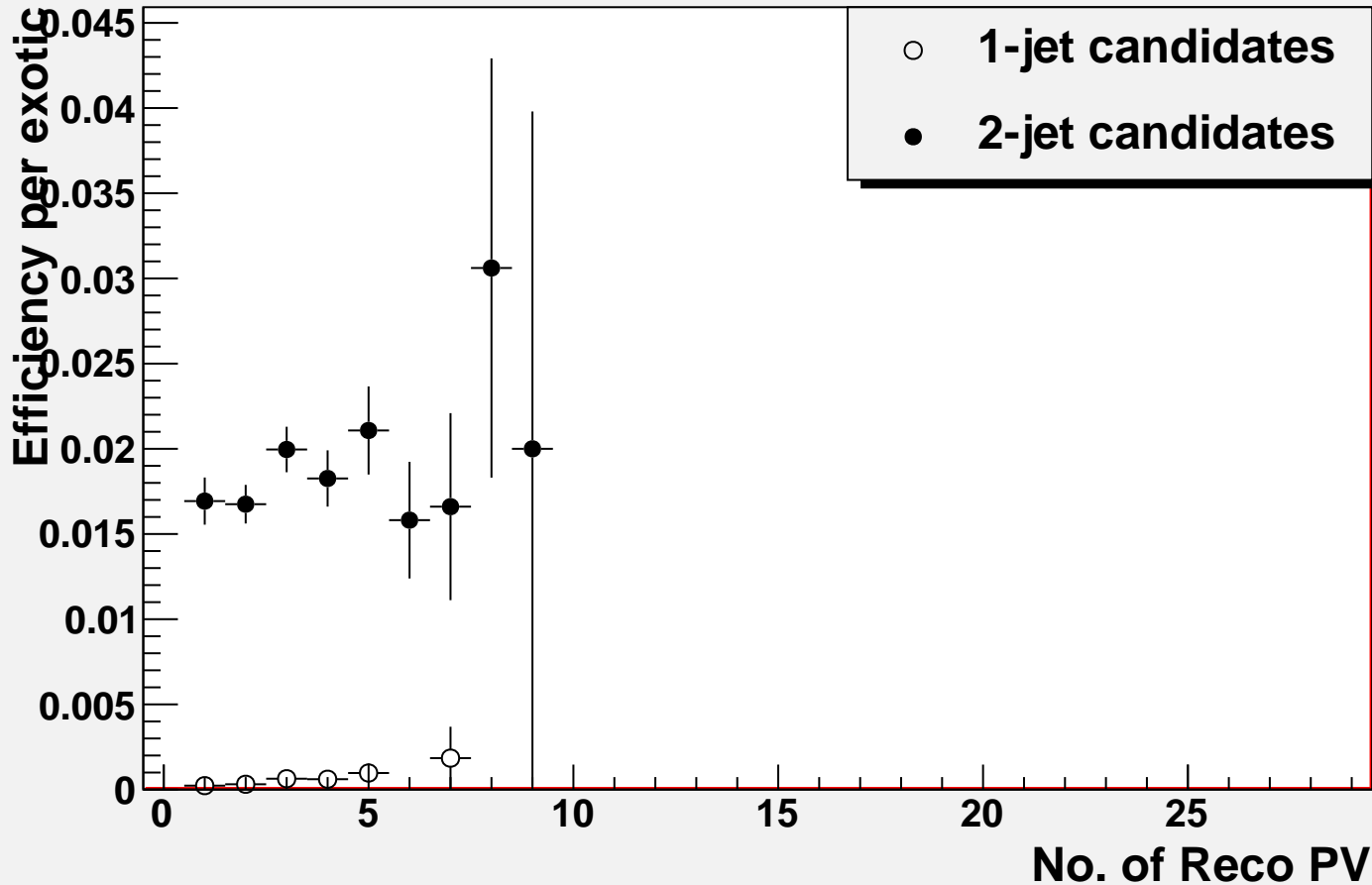


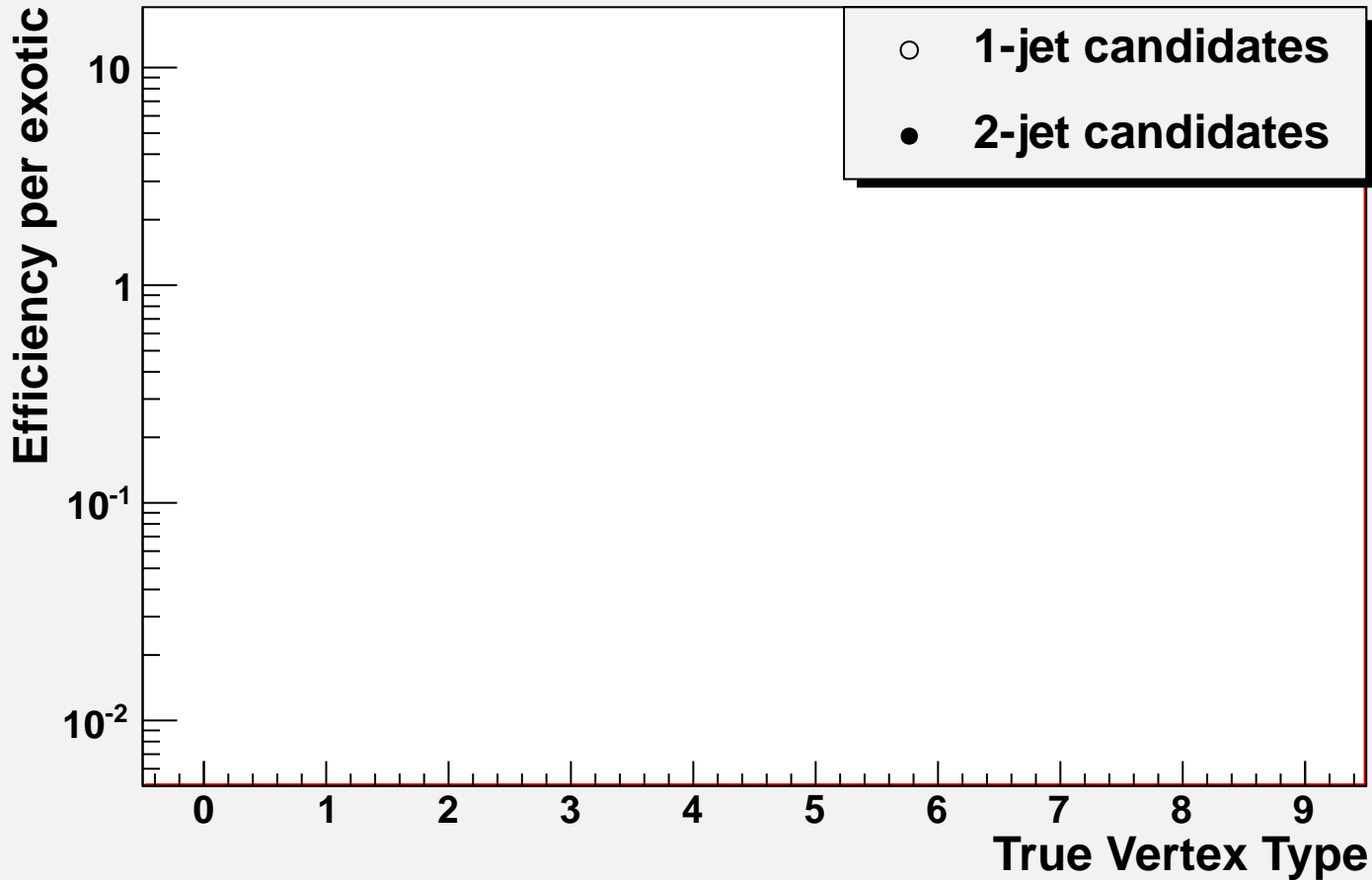


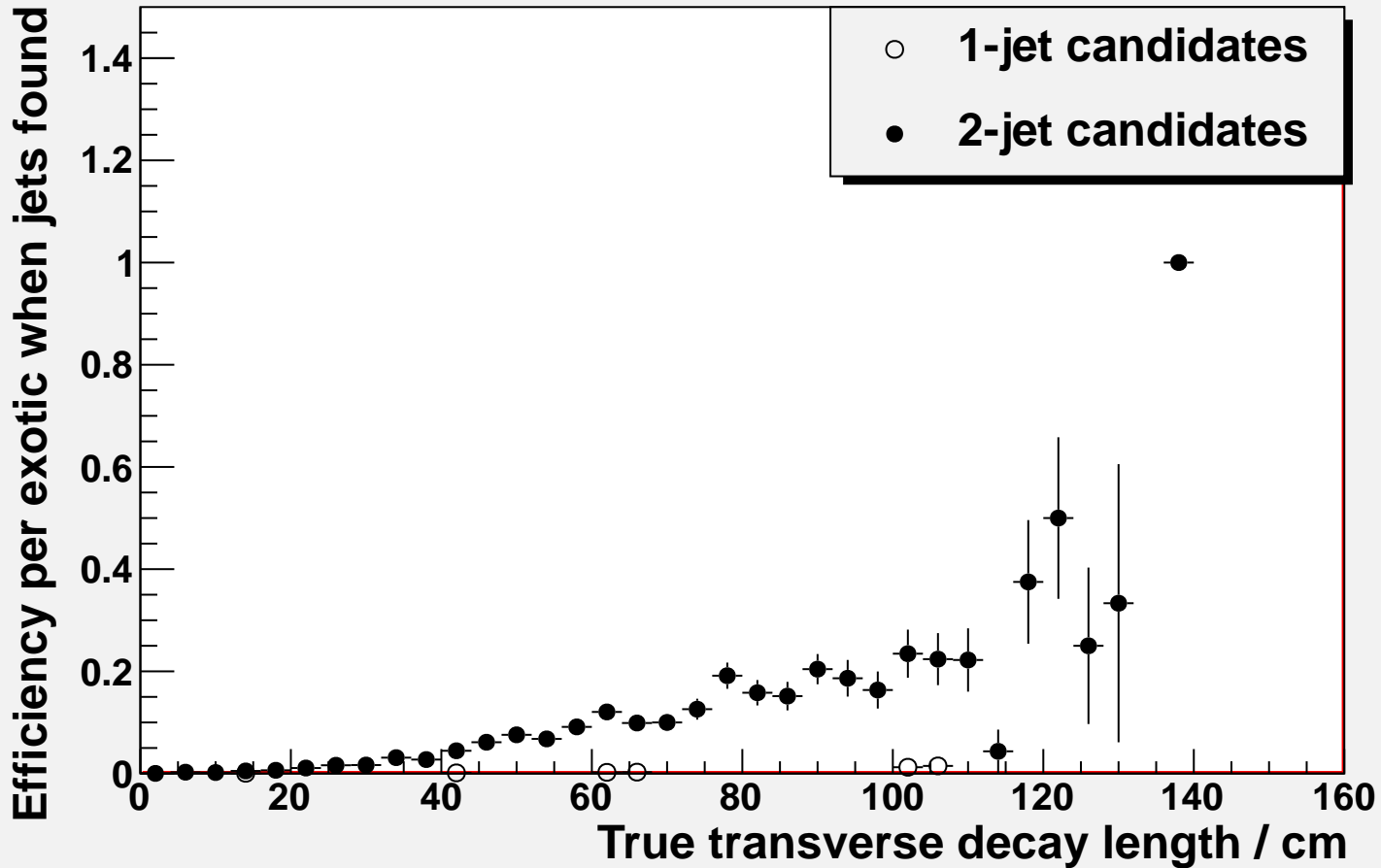


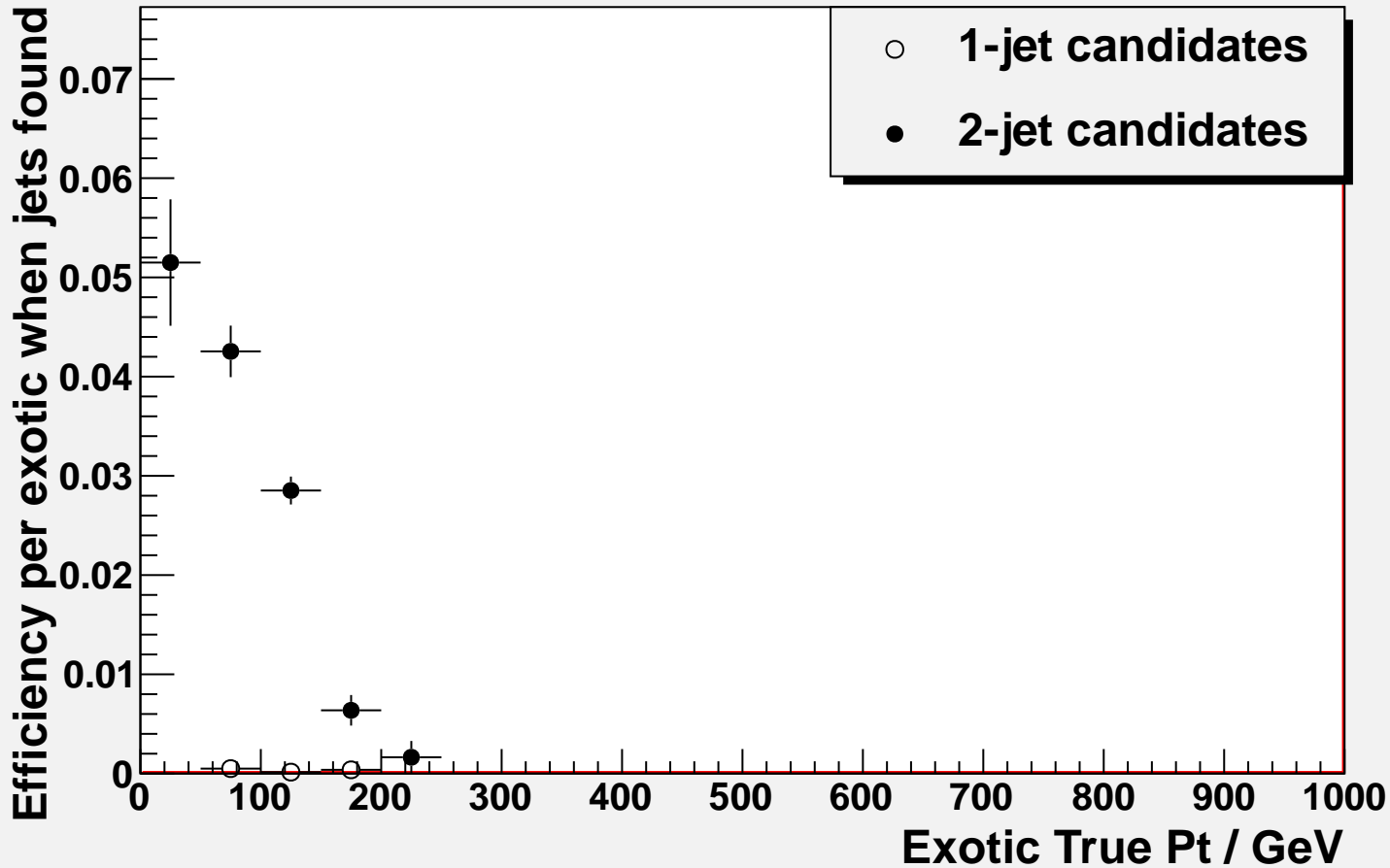


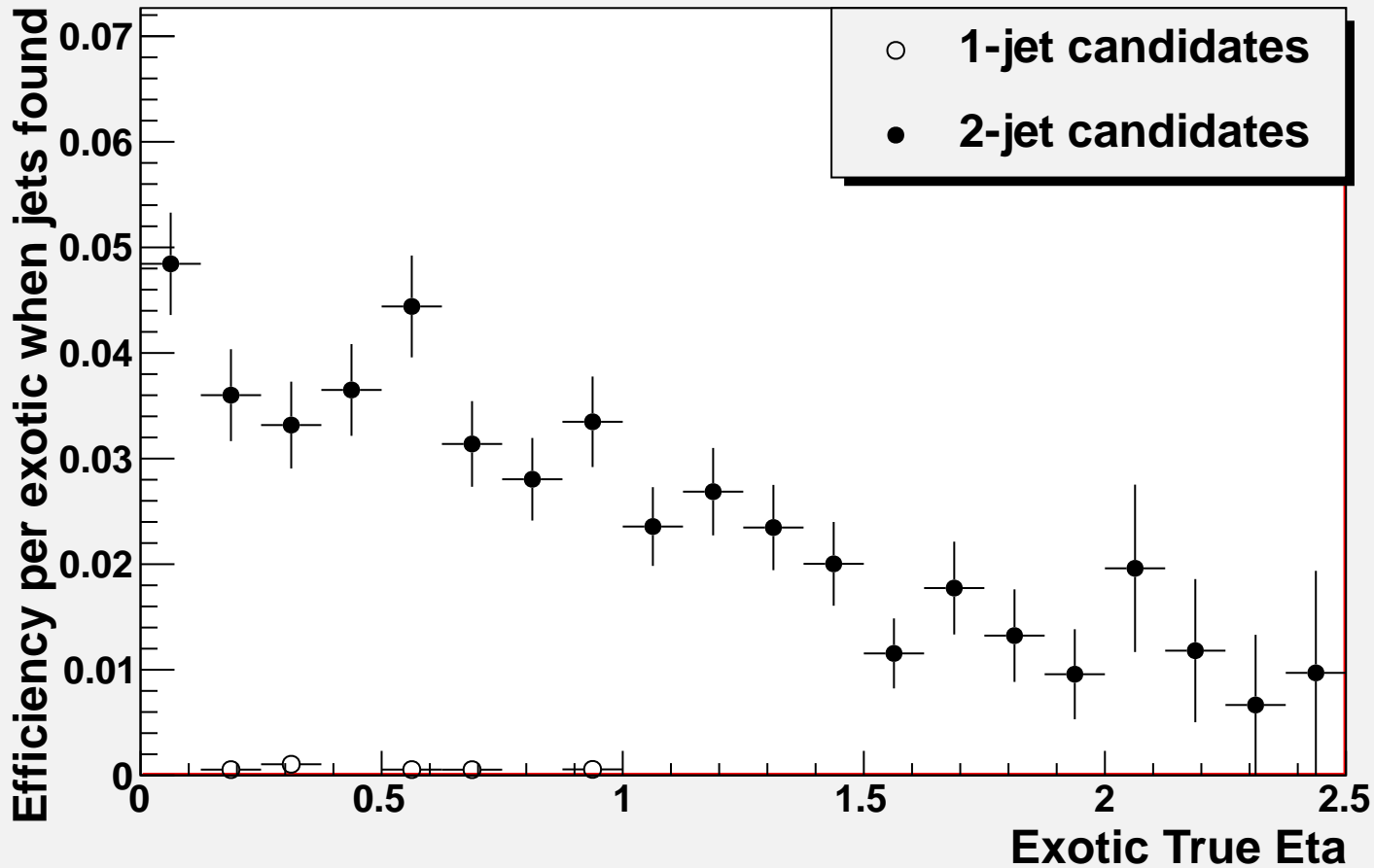


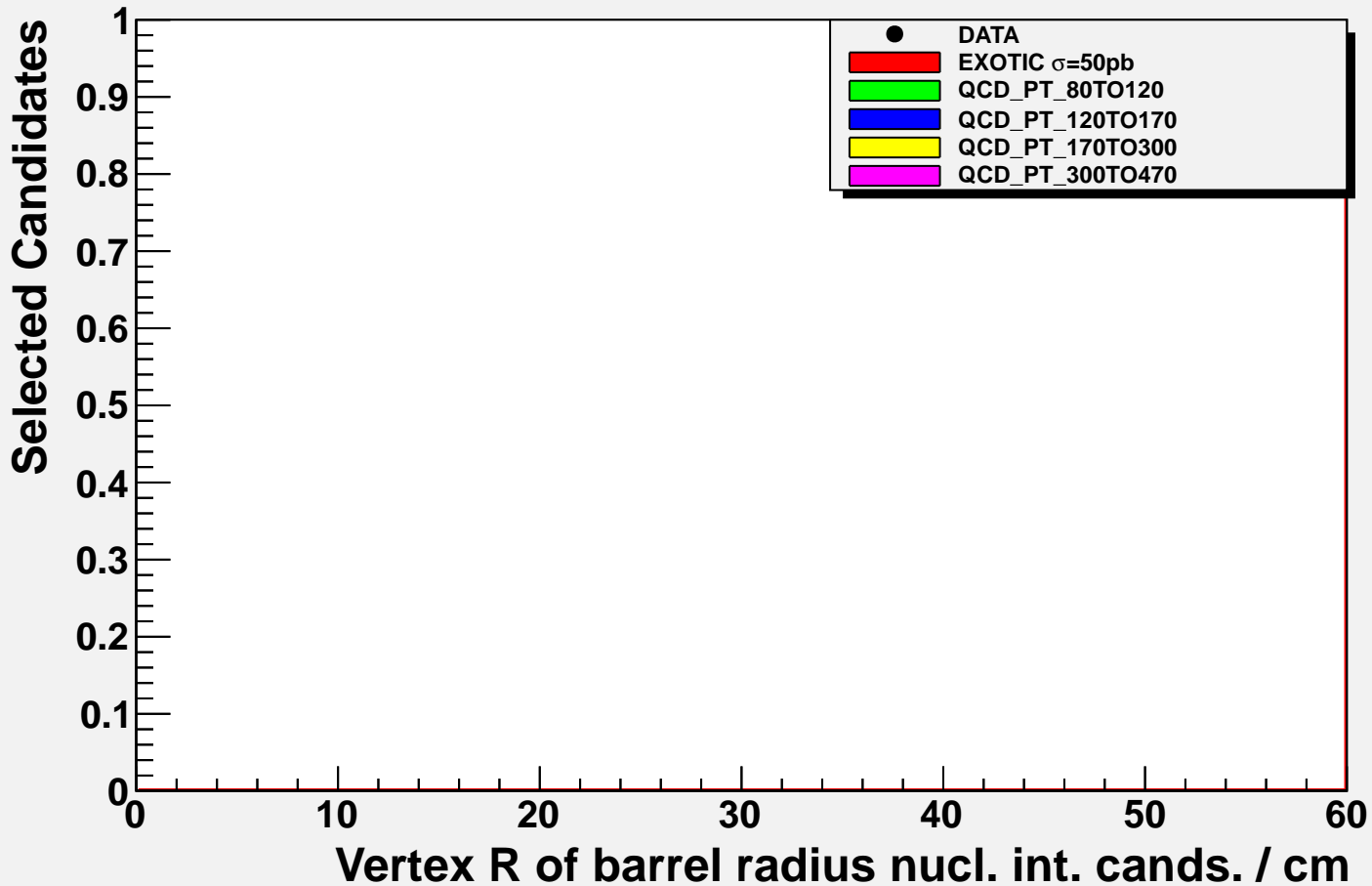


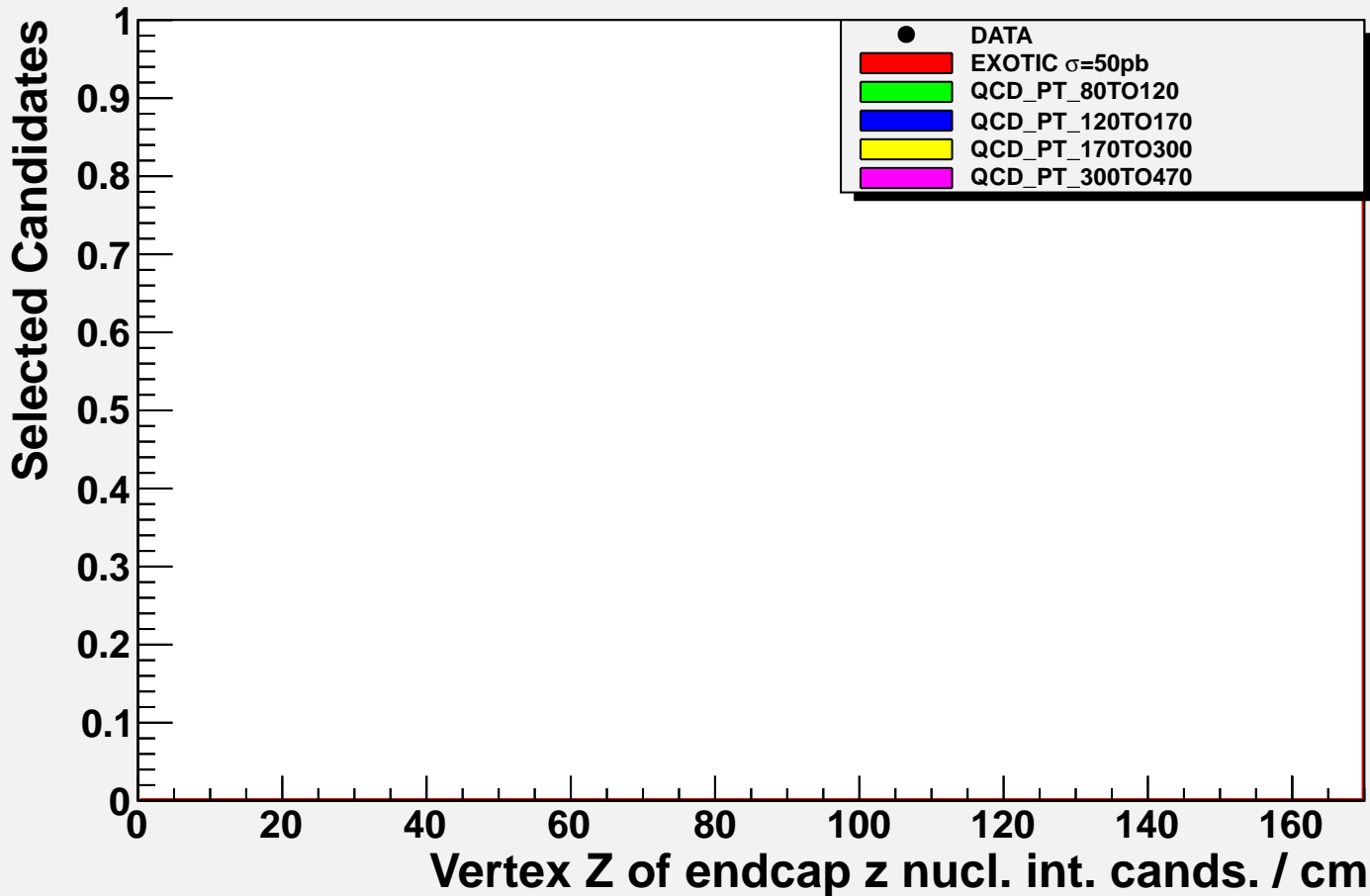


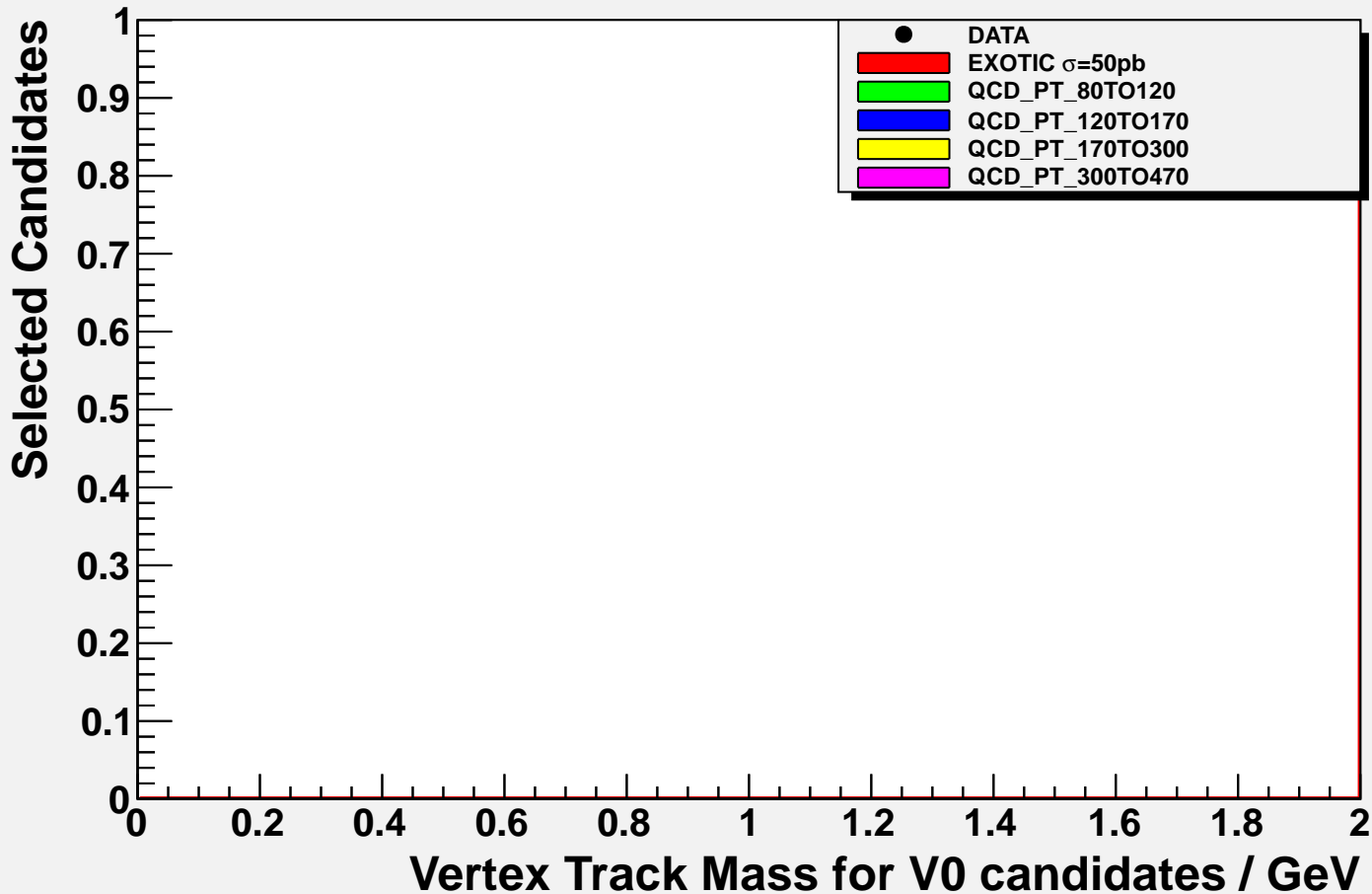






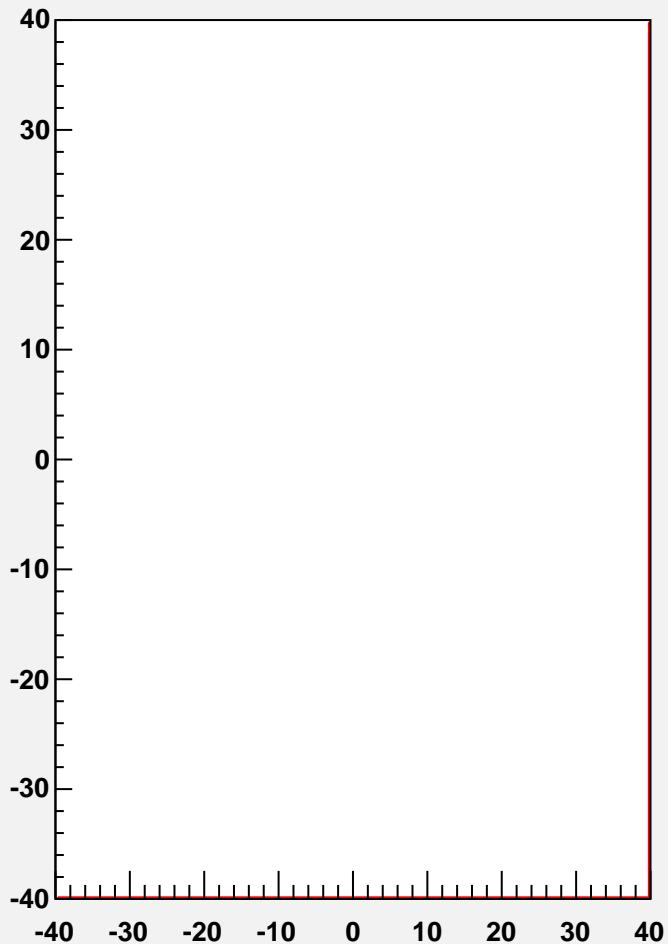




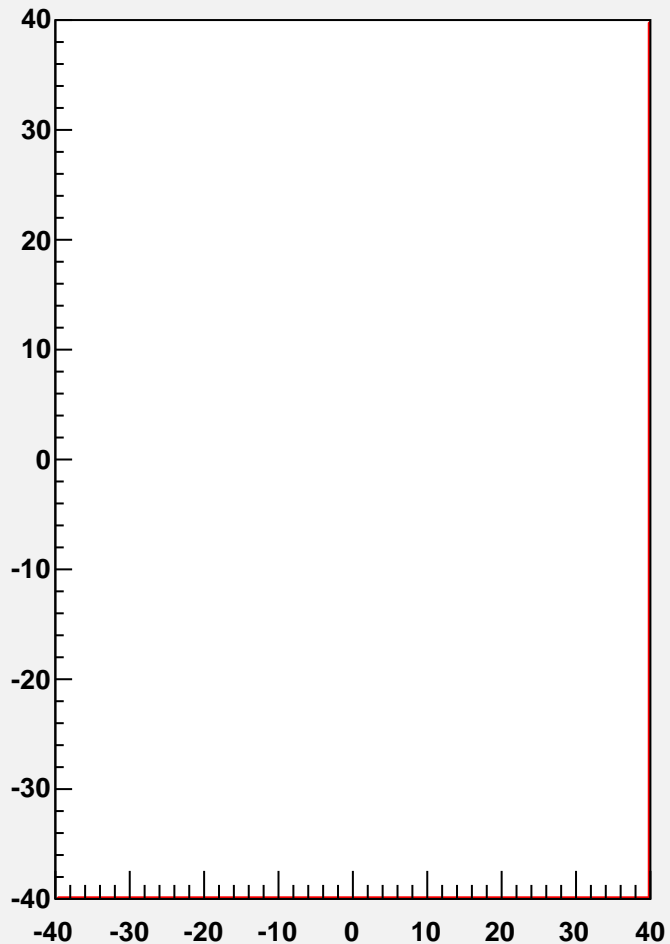




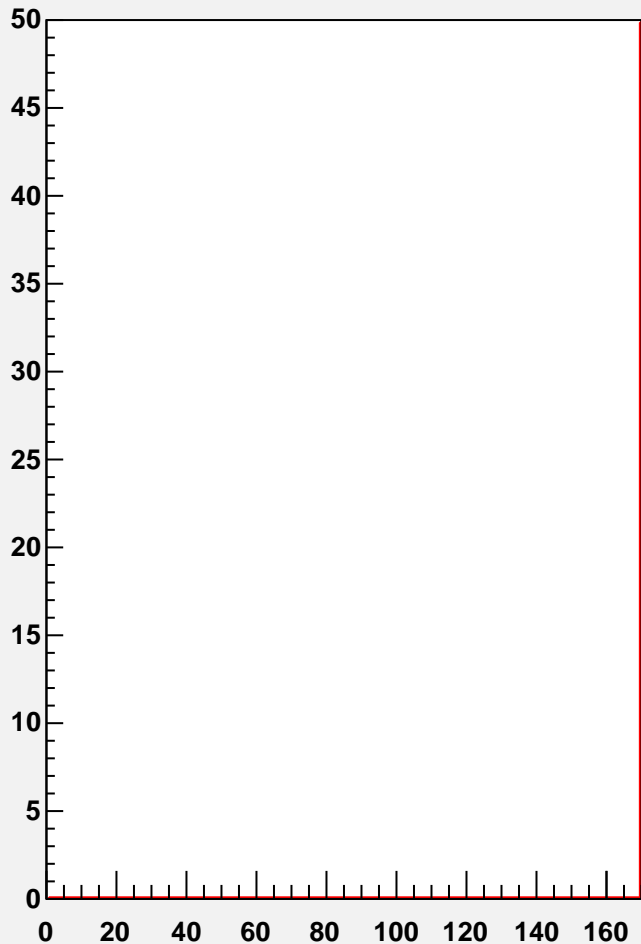
MC: Barrel nuclear interaction position



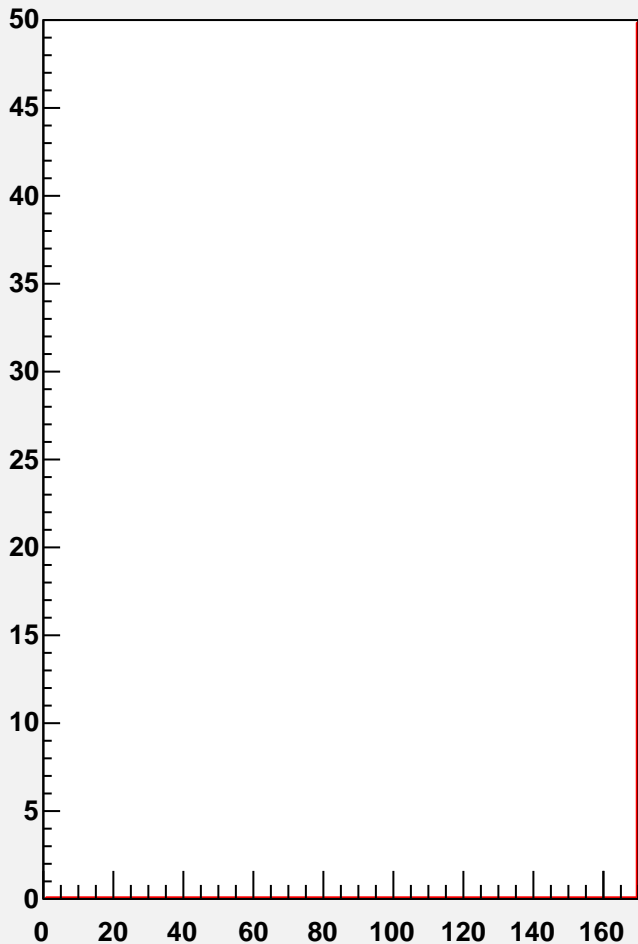
DATA: Barrel nuclear interaction position



MC: Endcap nuclear interaction position



DATA: Endcap nuclear interaction position





True C\*Tau

$\chi^2 / \text{ndf}$

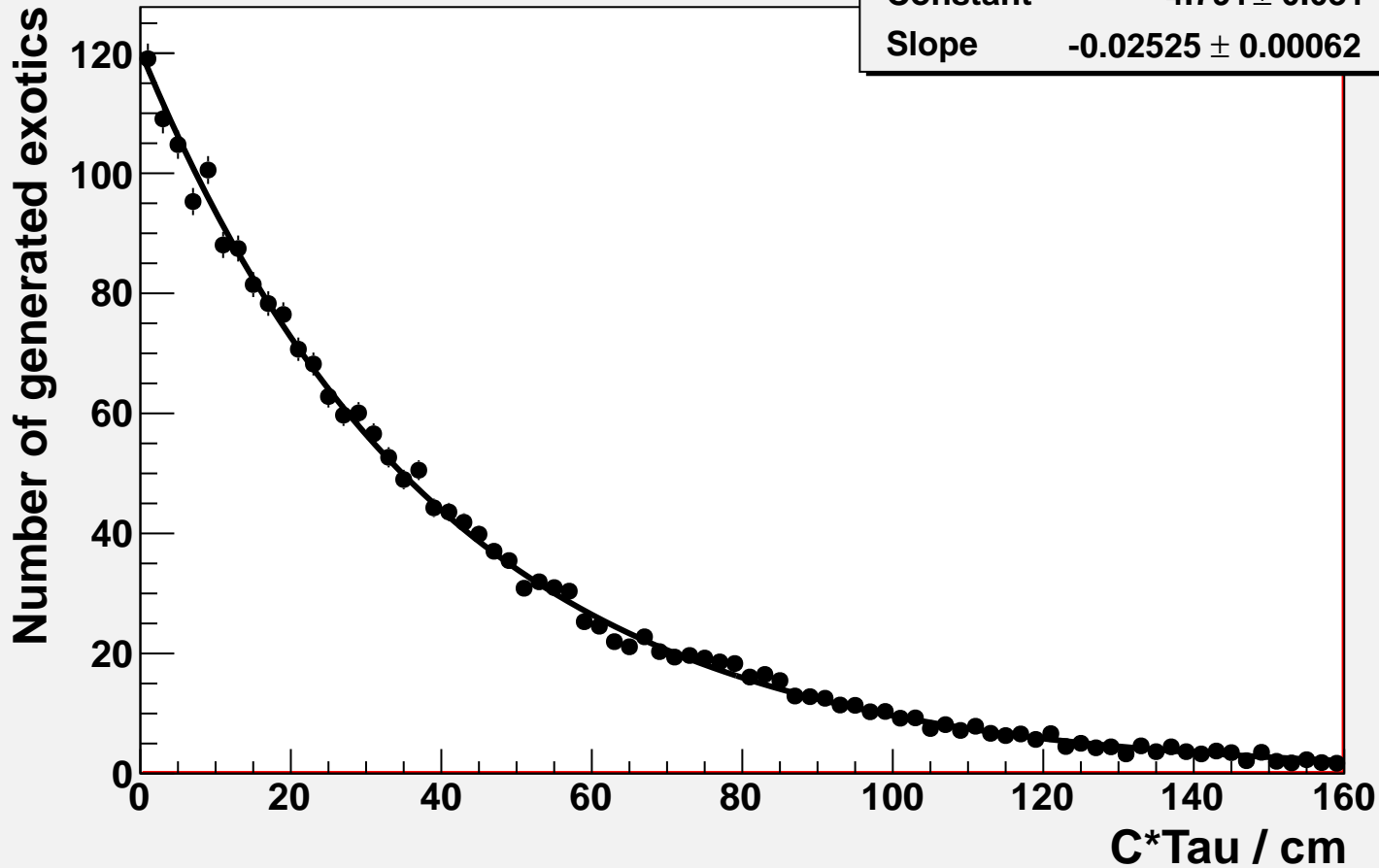
108.6 / 78

Constant

$4.791 \pm 0.031$

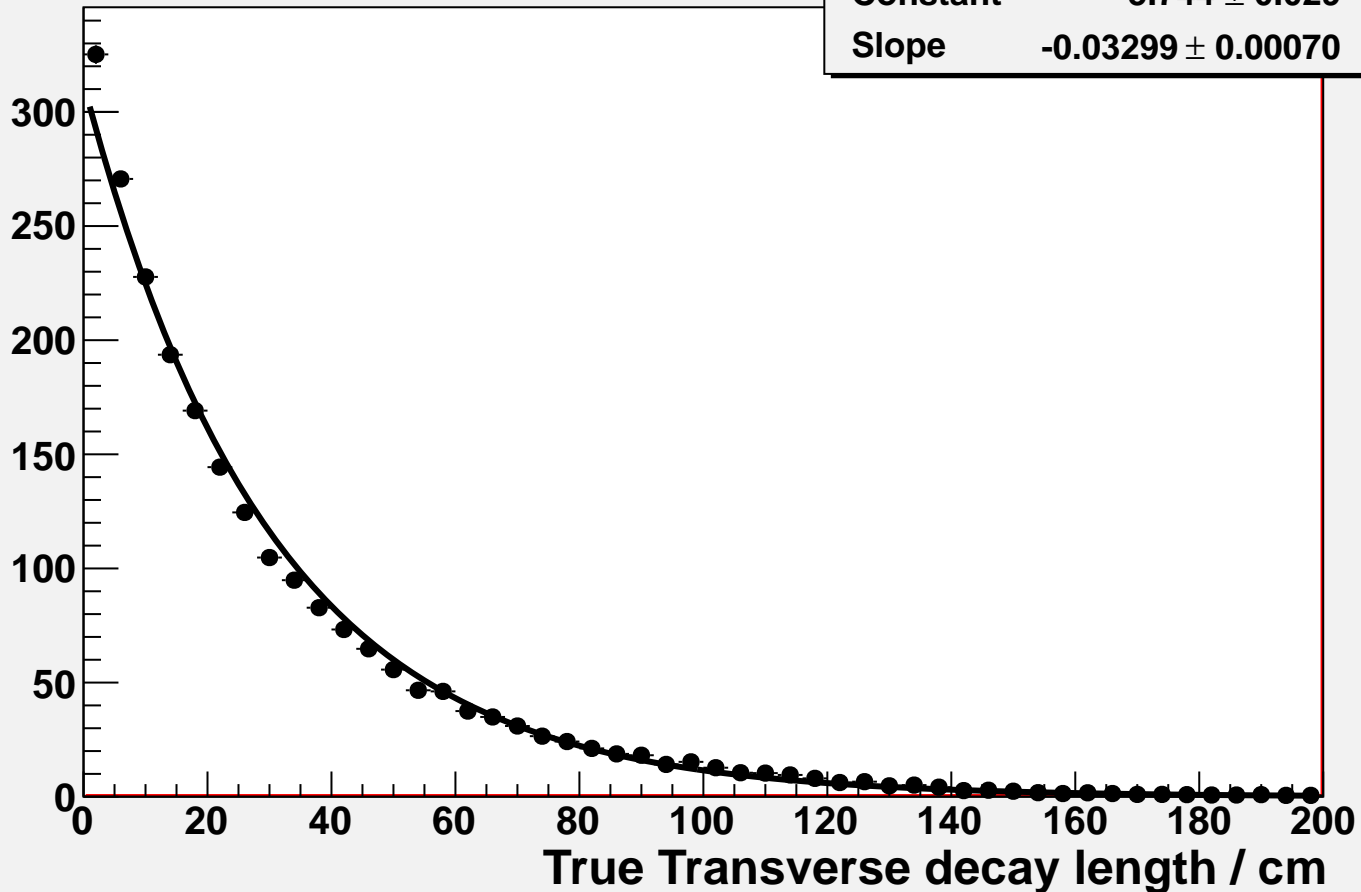
Slope

$-0.02525 \pm 0.00062$



**True Vertex radius**

**Number of generated exotics**



$\chi^2 / \text{ndf}$

245.5 / 48

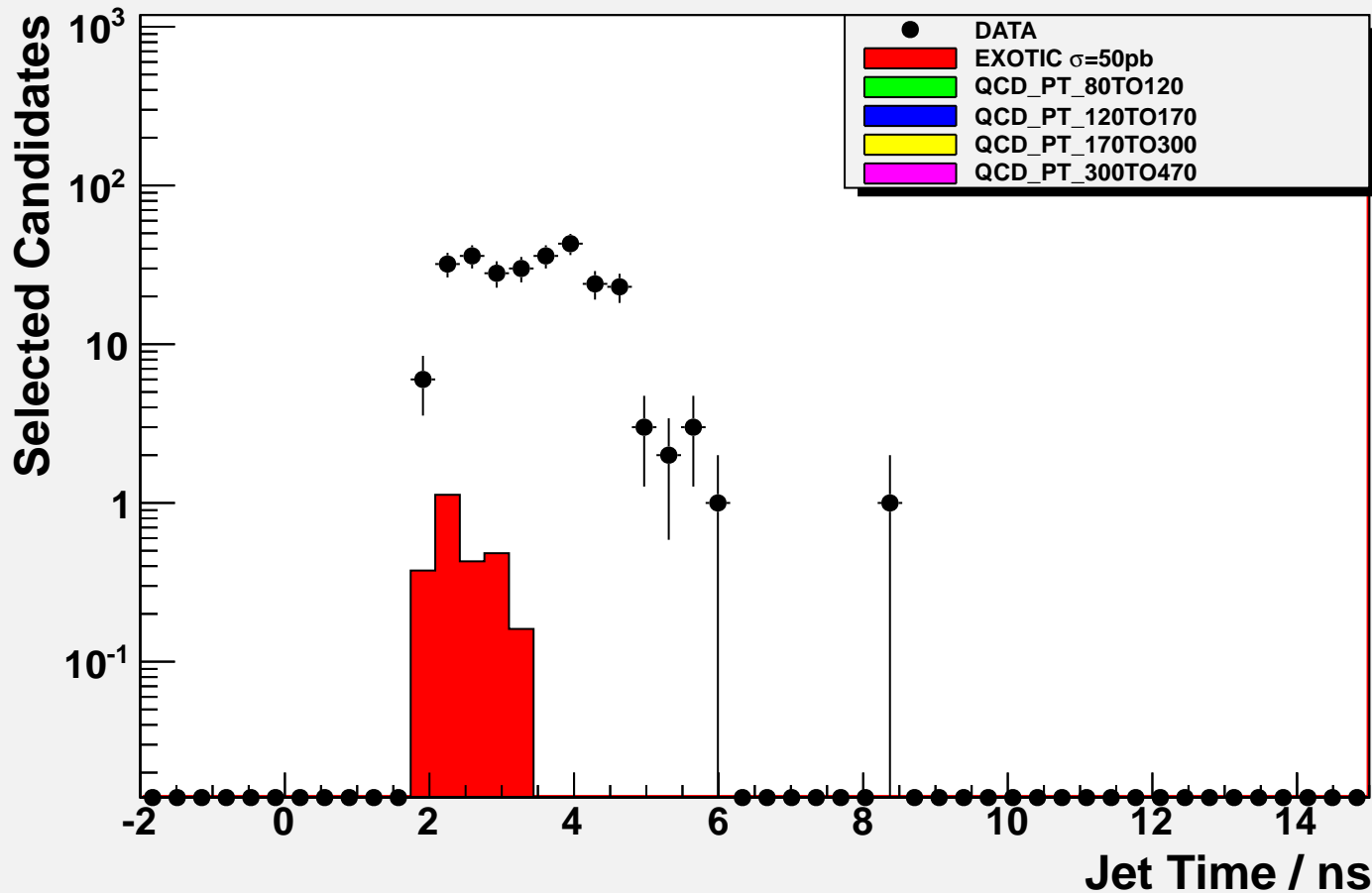
Constant

$5.744 \pm 0.029$

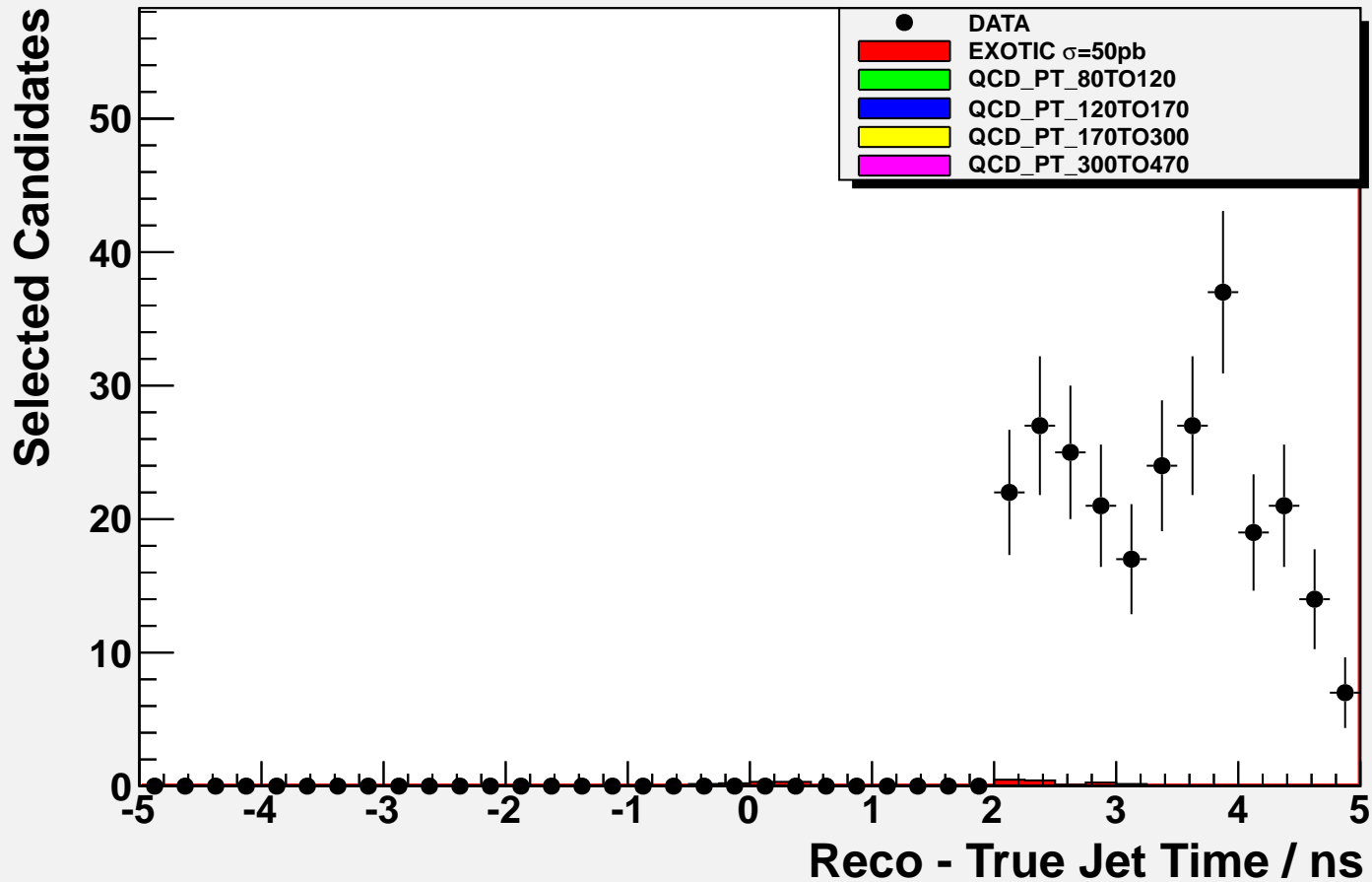
Slope

$-0.03299 \pm 0.00070$

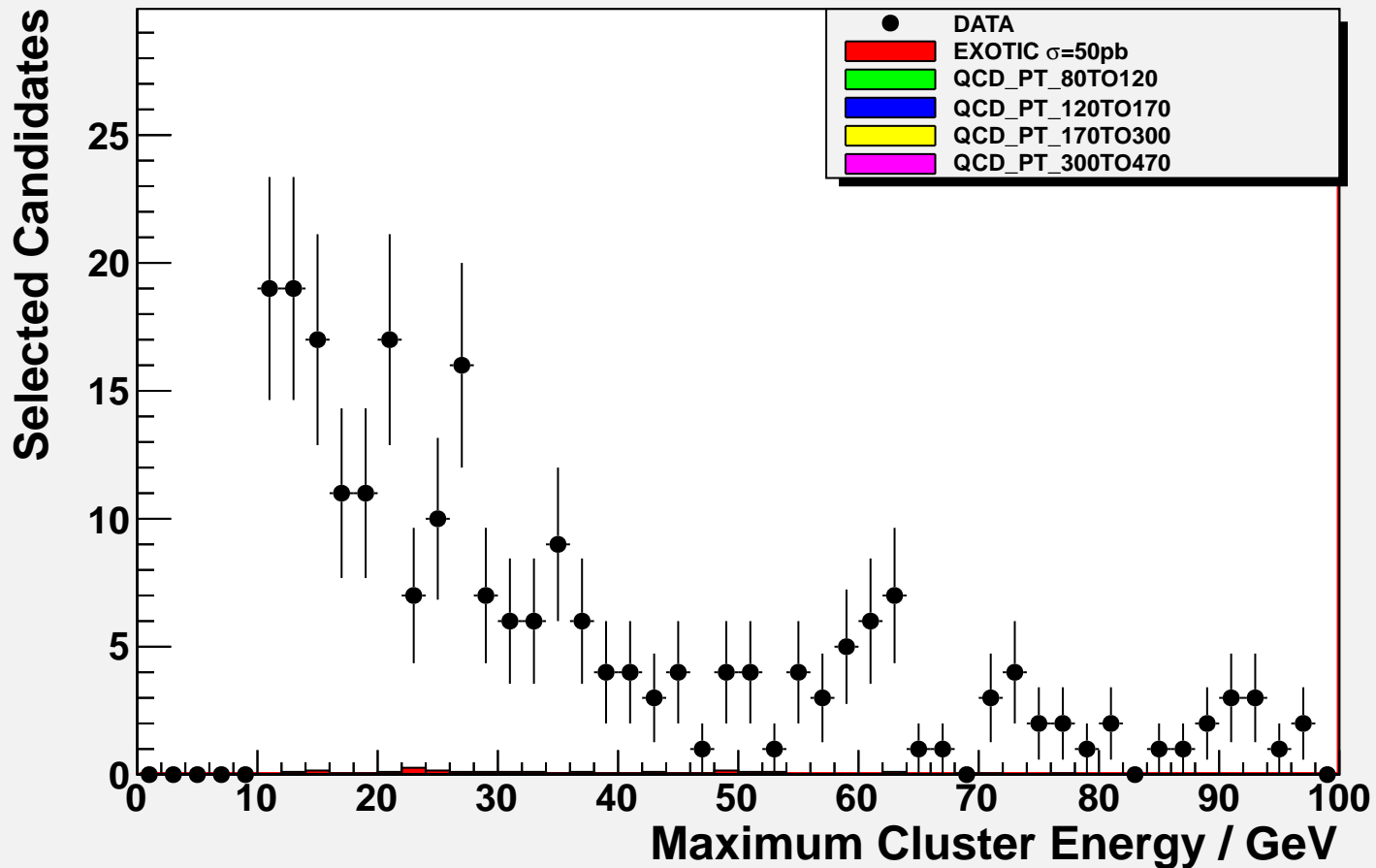
# Single\_Jet\_Cands



# Single\_Jet\_Cands

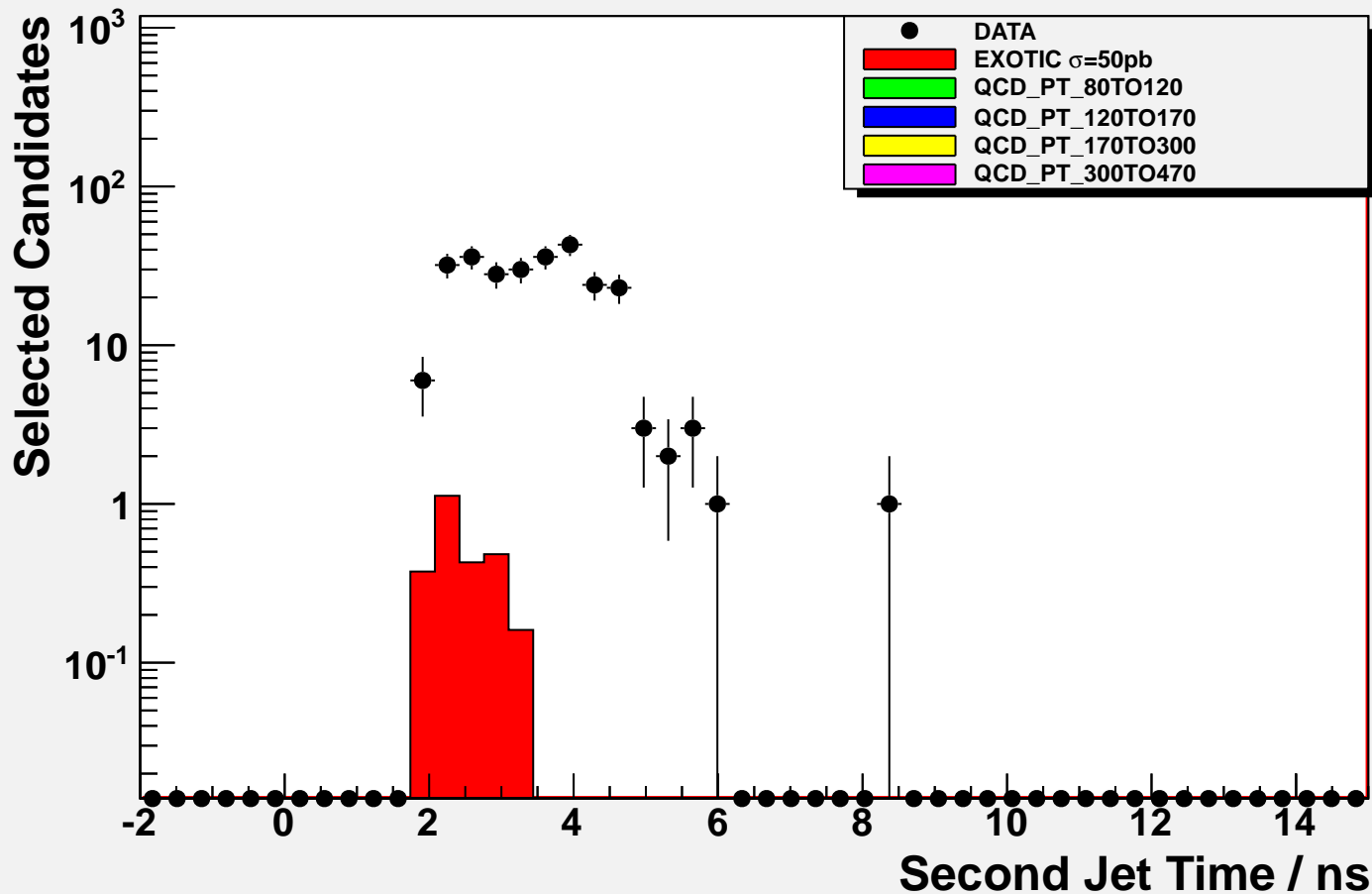


# Single\_Jet\_Cands

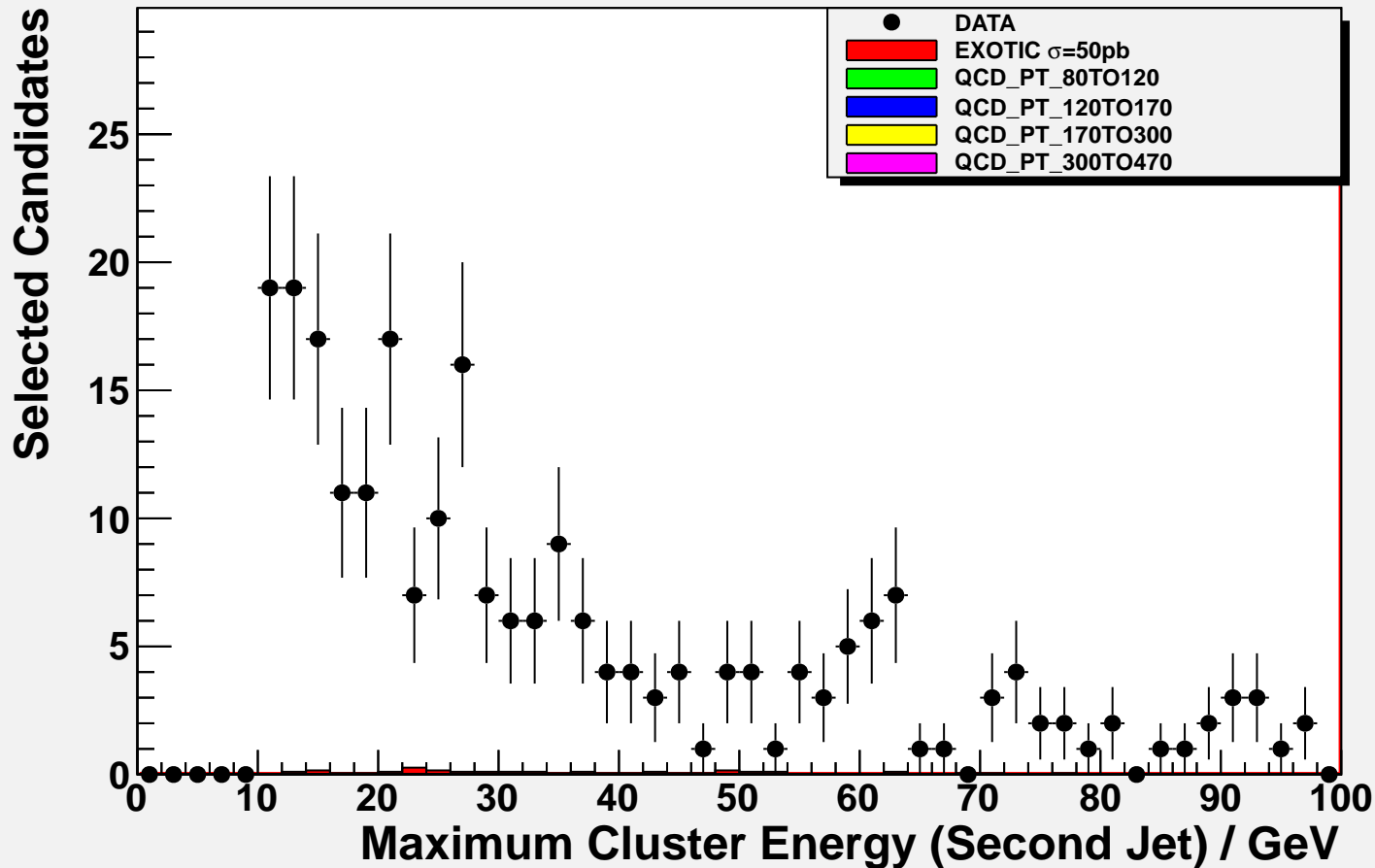




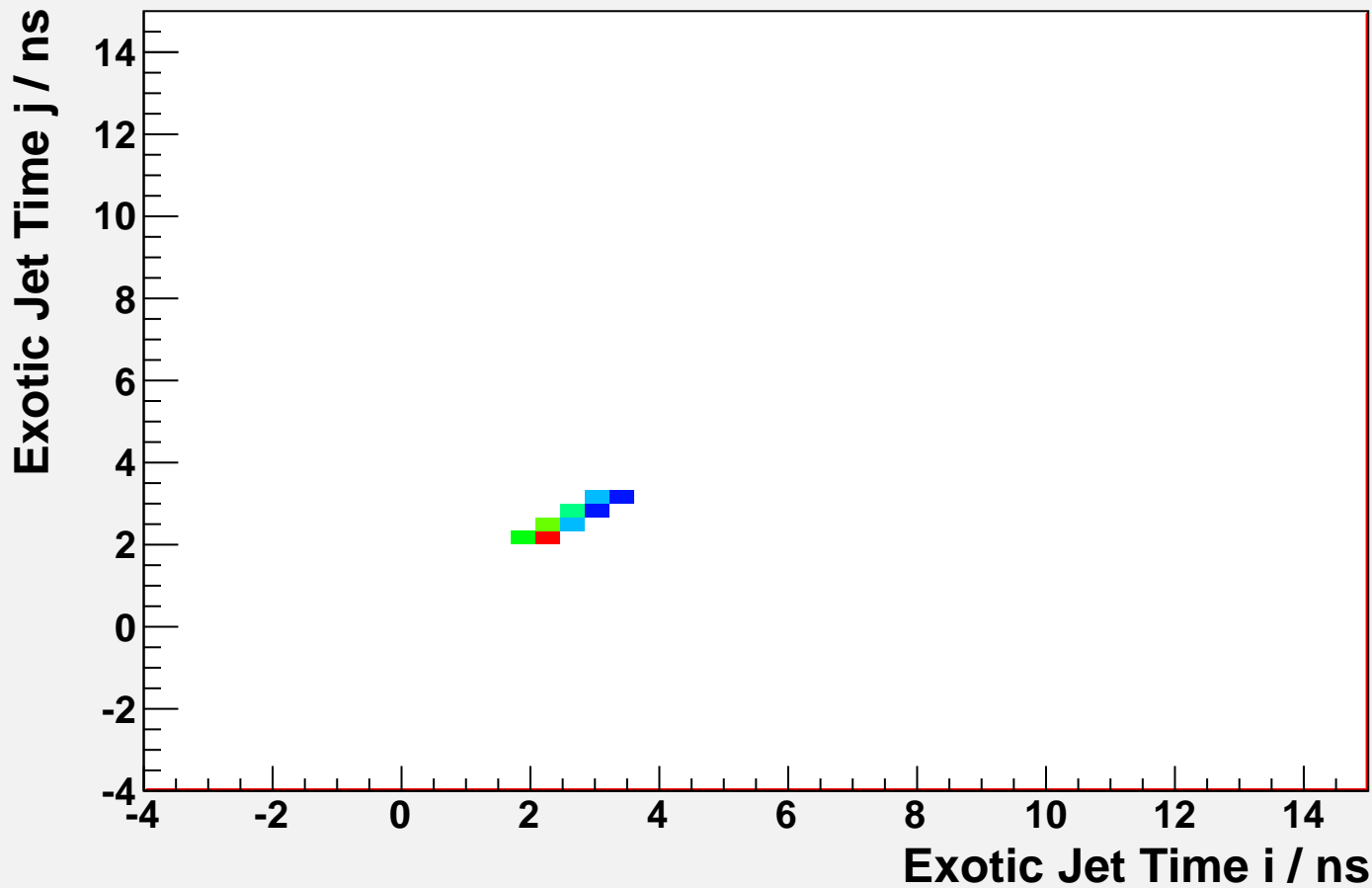
# Single\_Jet\_Cands



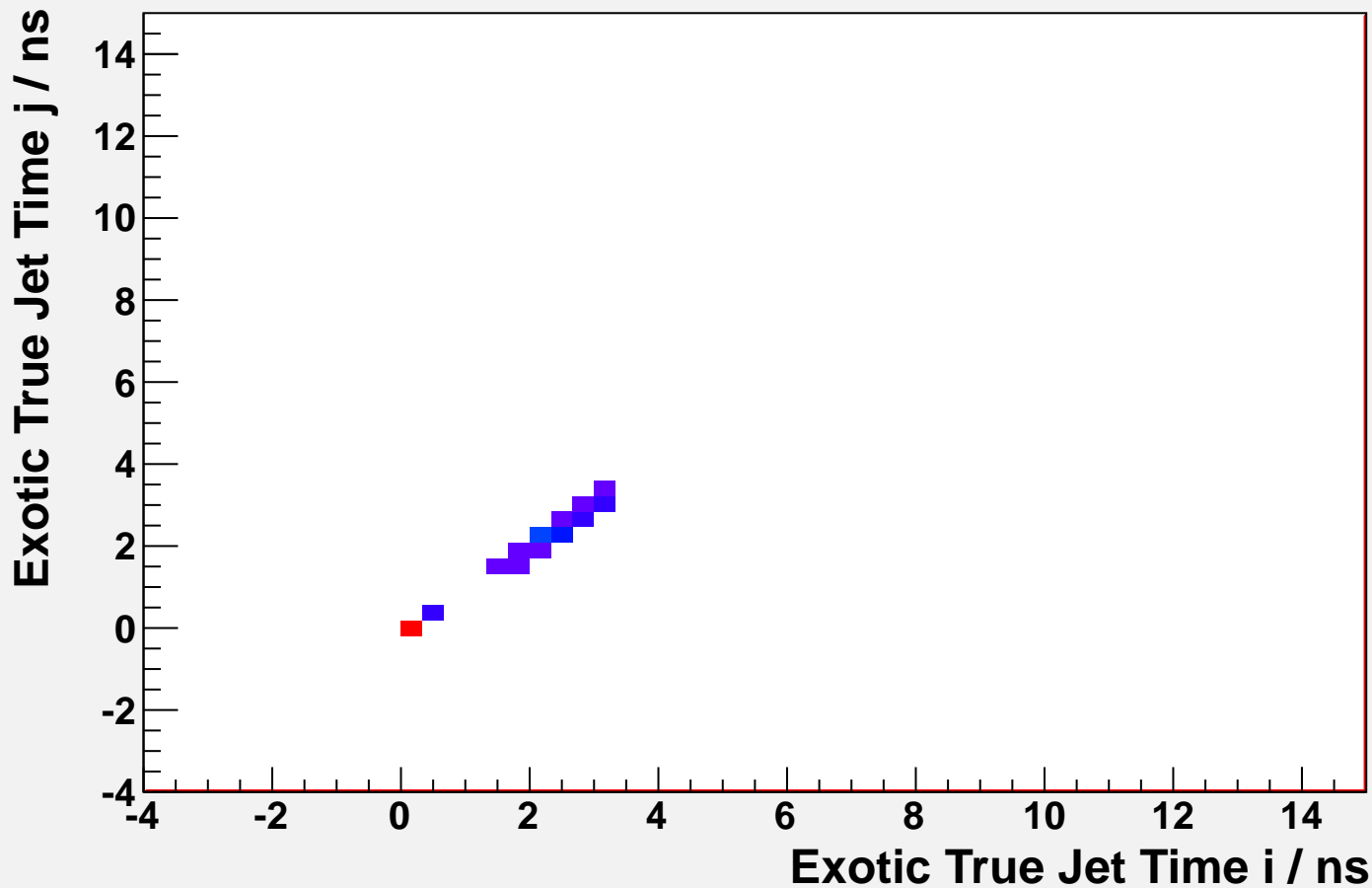
# Single\_Jet\_Cands



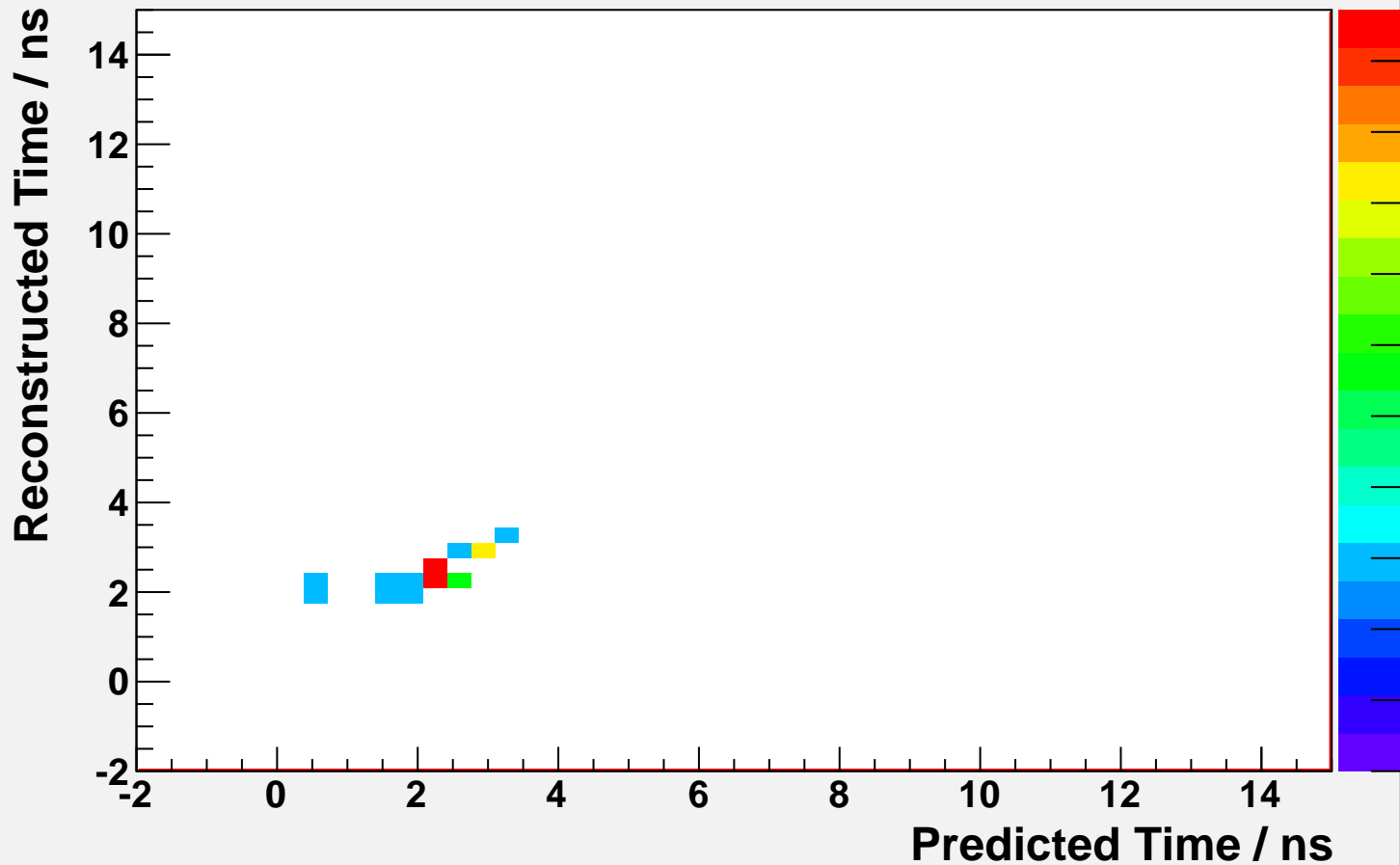
# Jet Time i v j



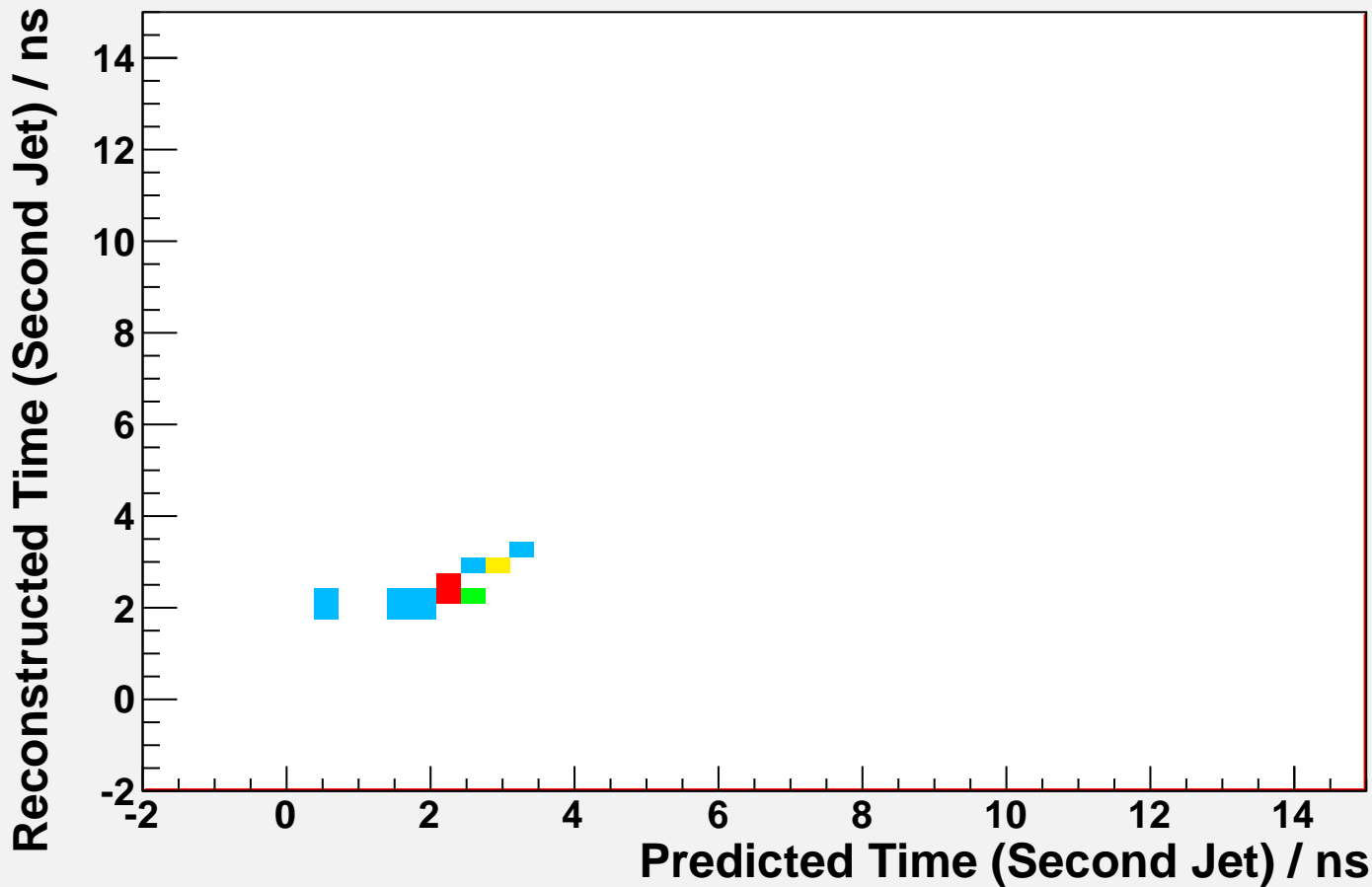
# True Jet Time i v j



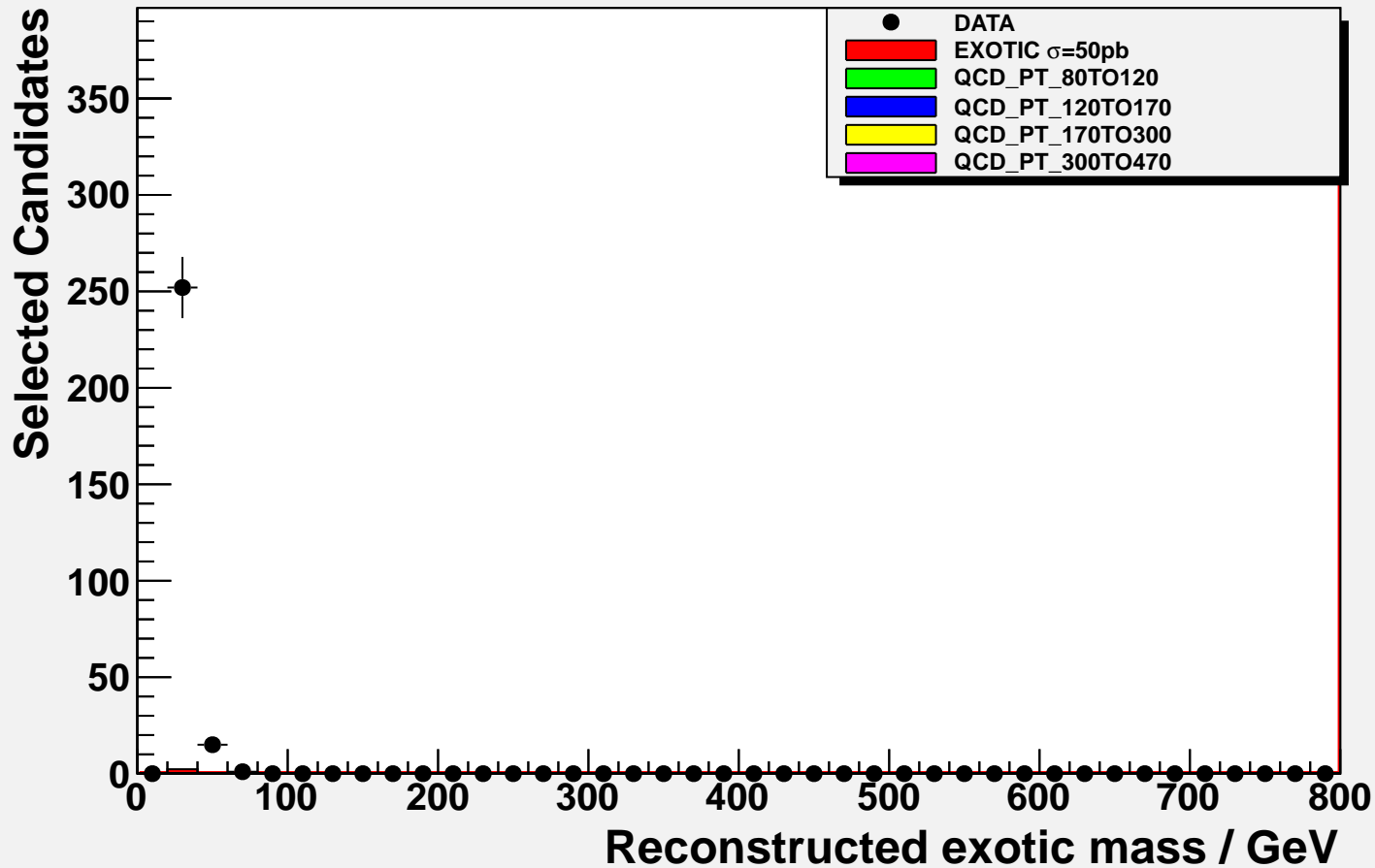
# Reco v True Jet Time



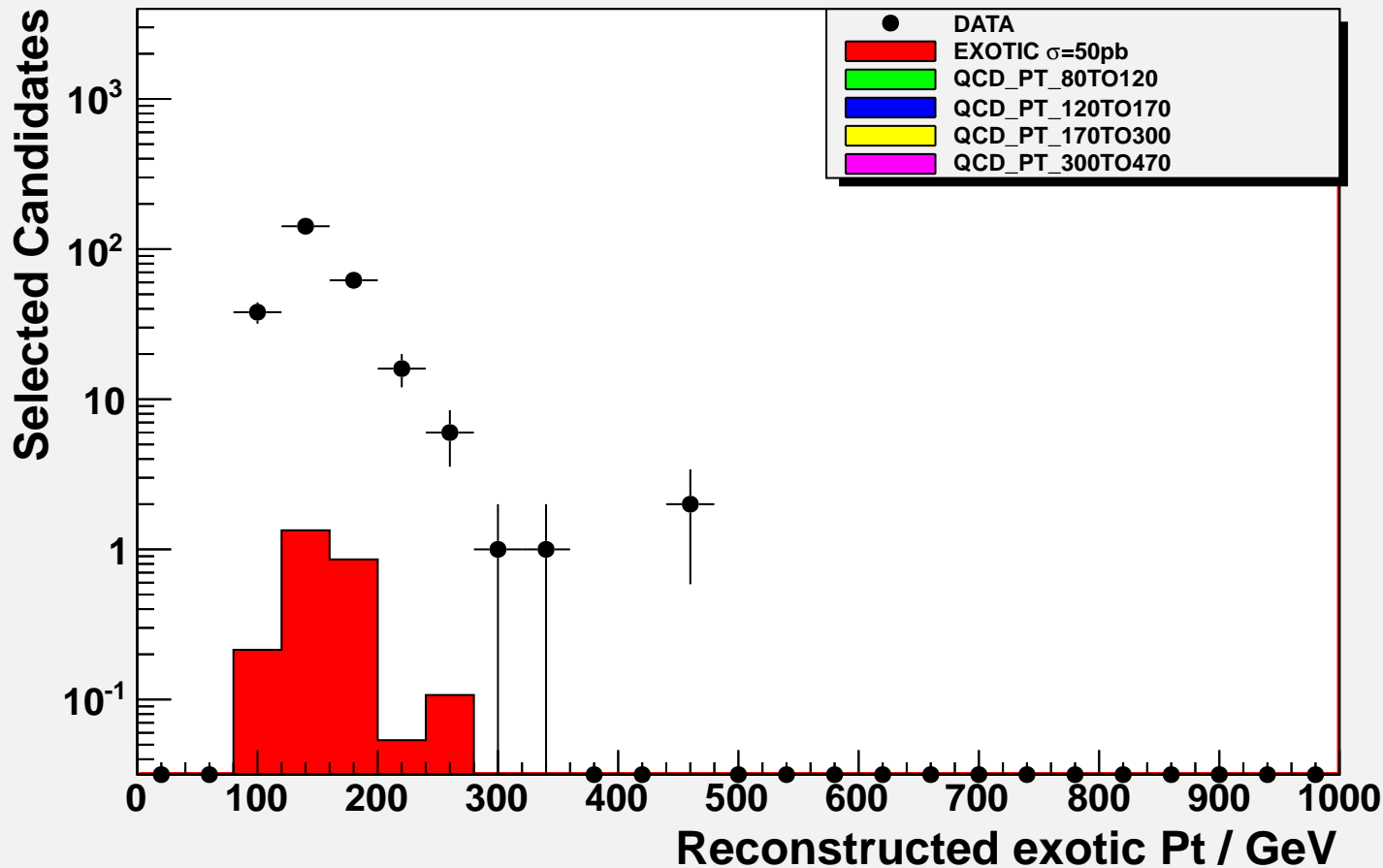
# Reco v True Jet Time



# Single\_Jet\_Cands

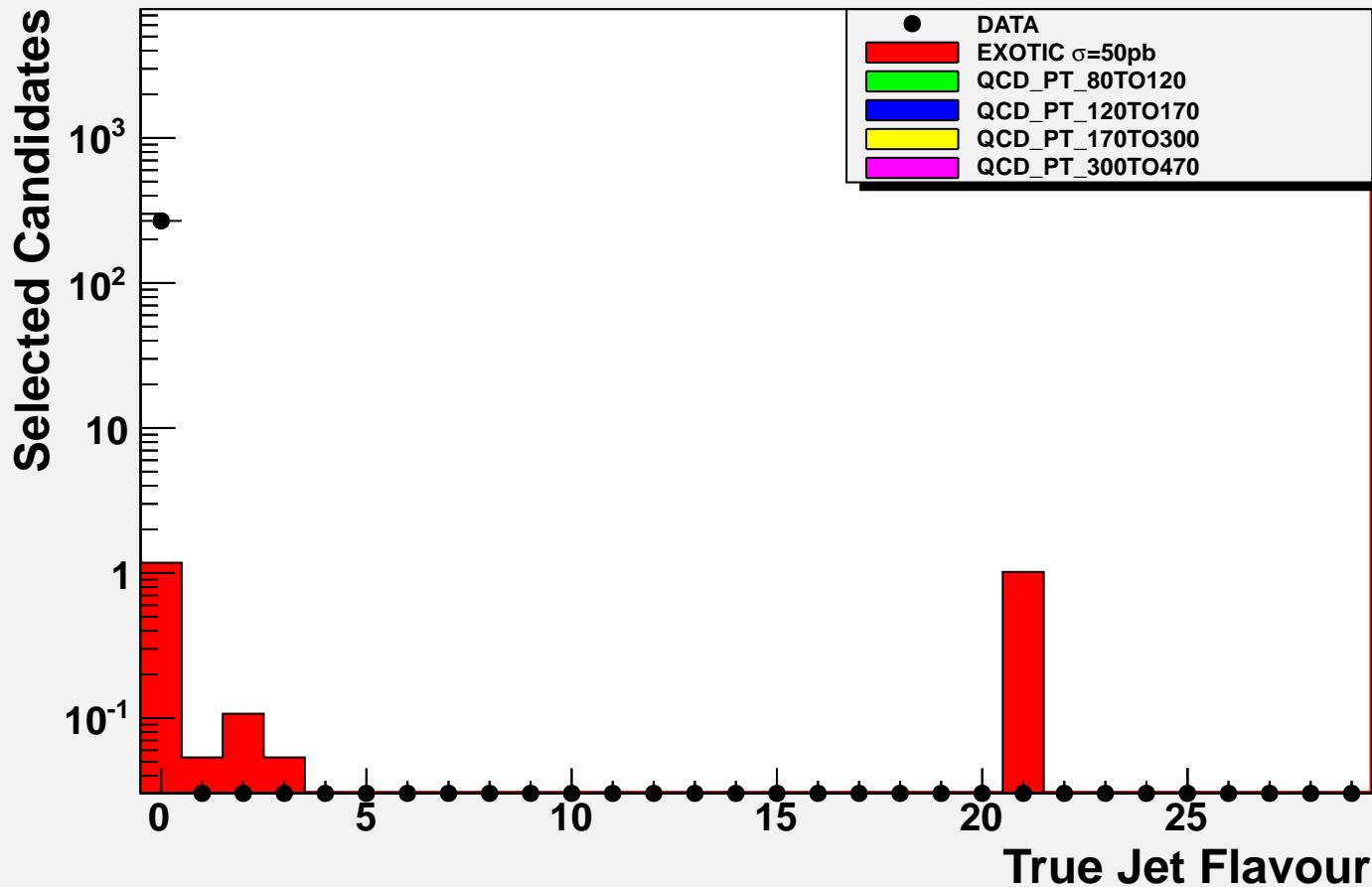


# Single\_Jet\_Cands

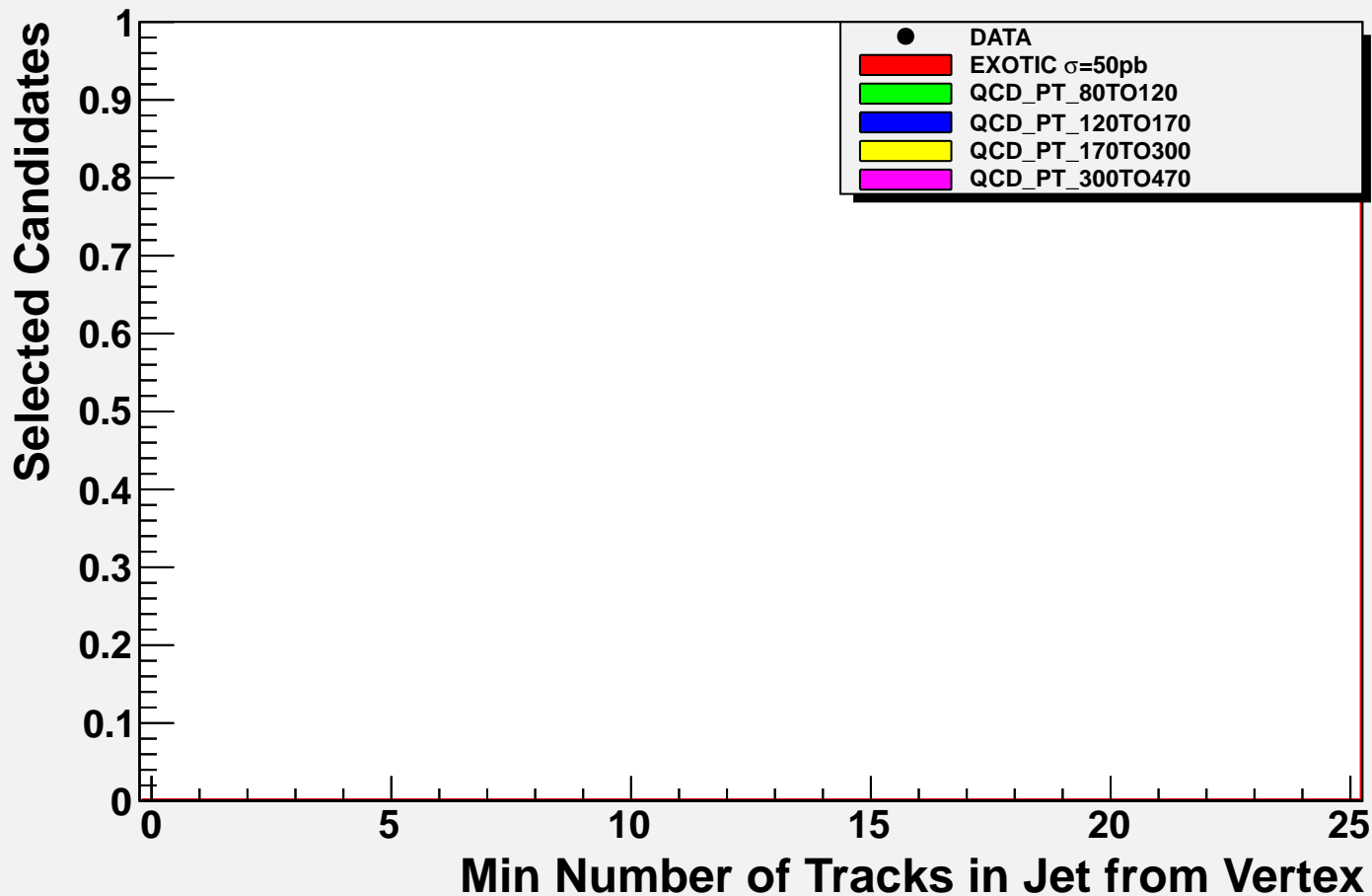




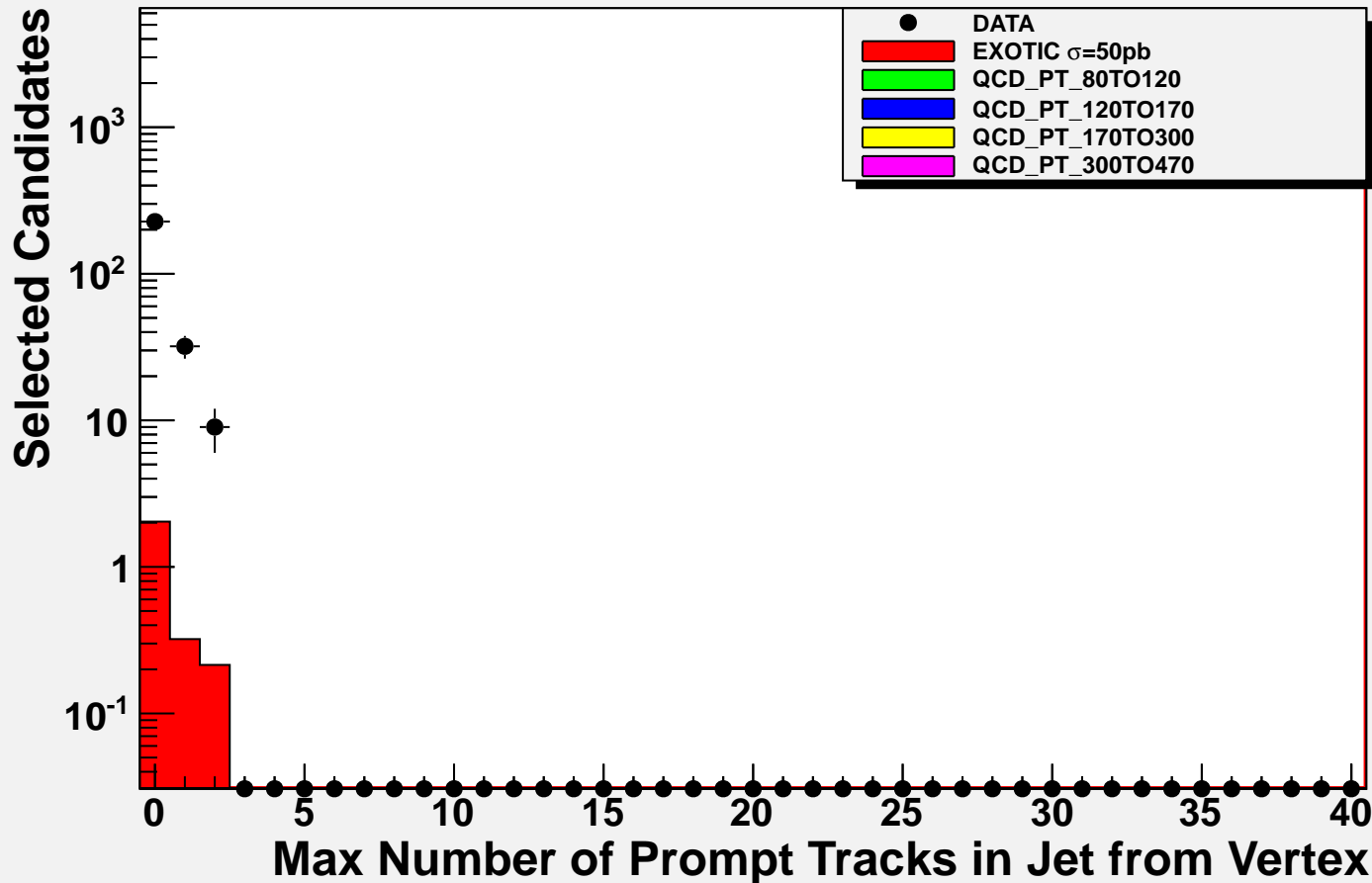
# Single\_Jet\_Cands



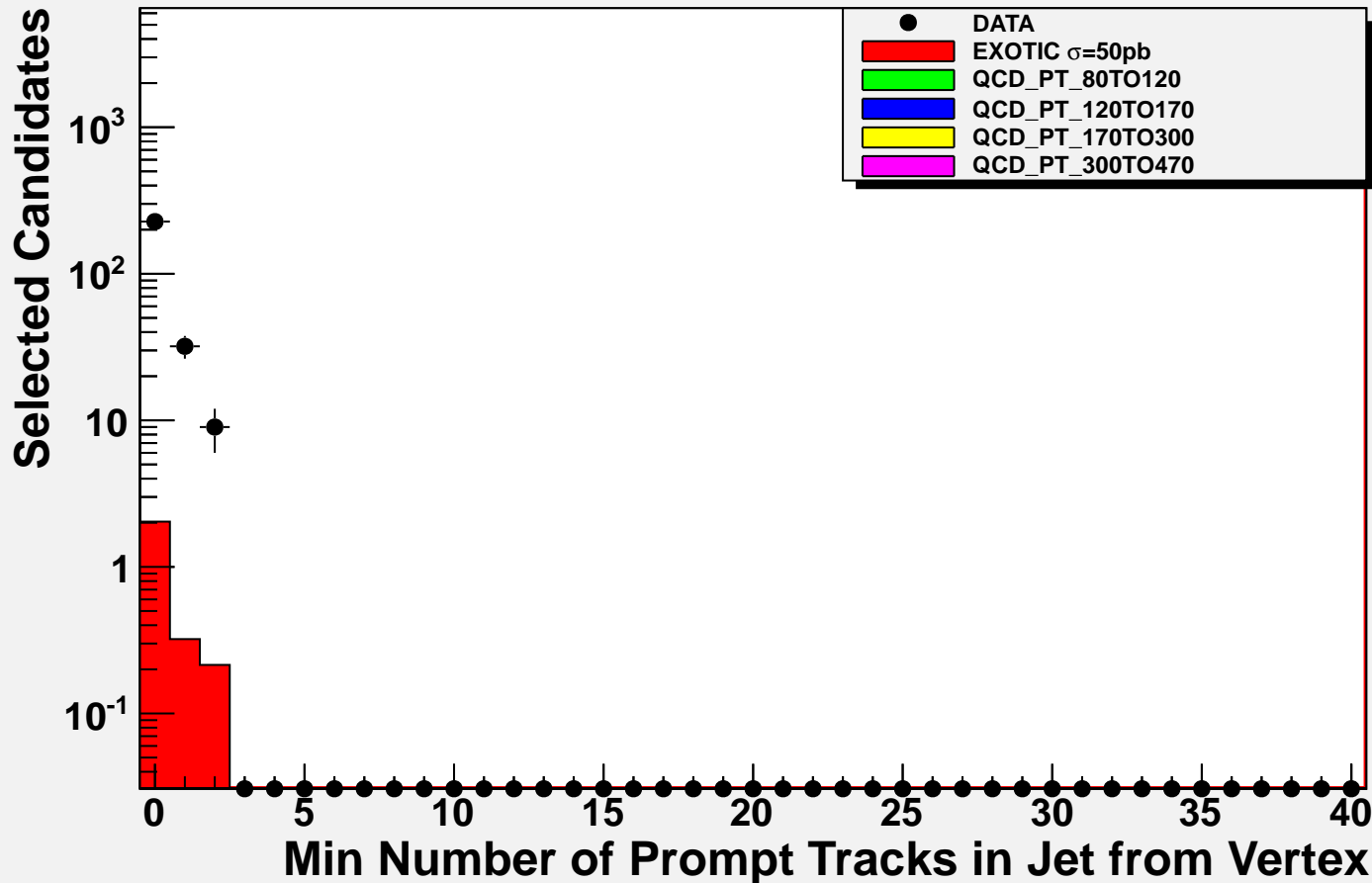
# Single\_Jet\_Cands



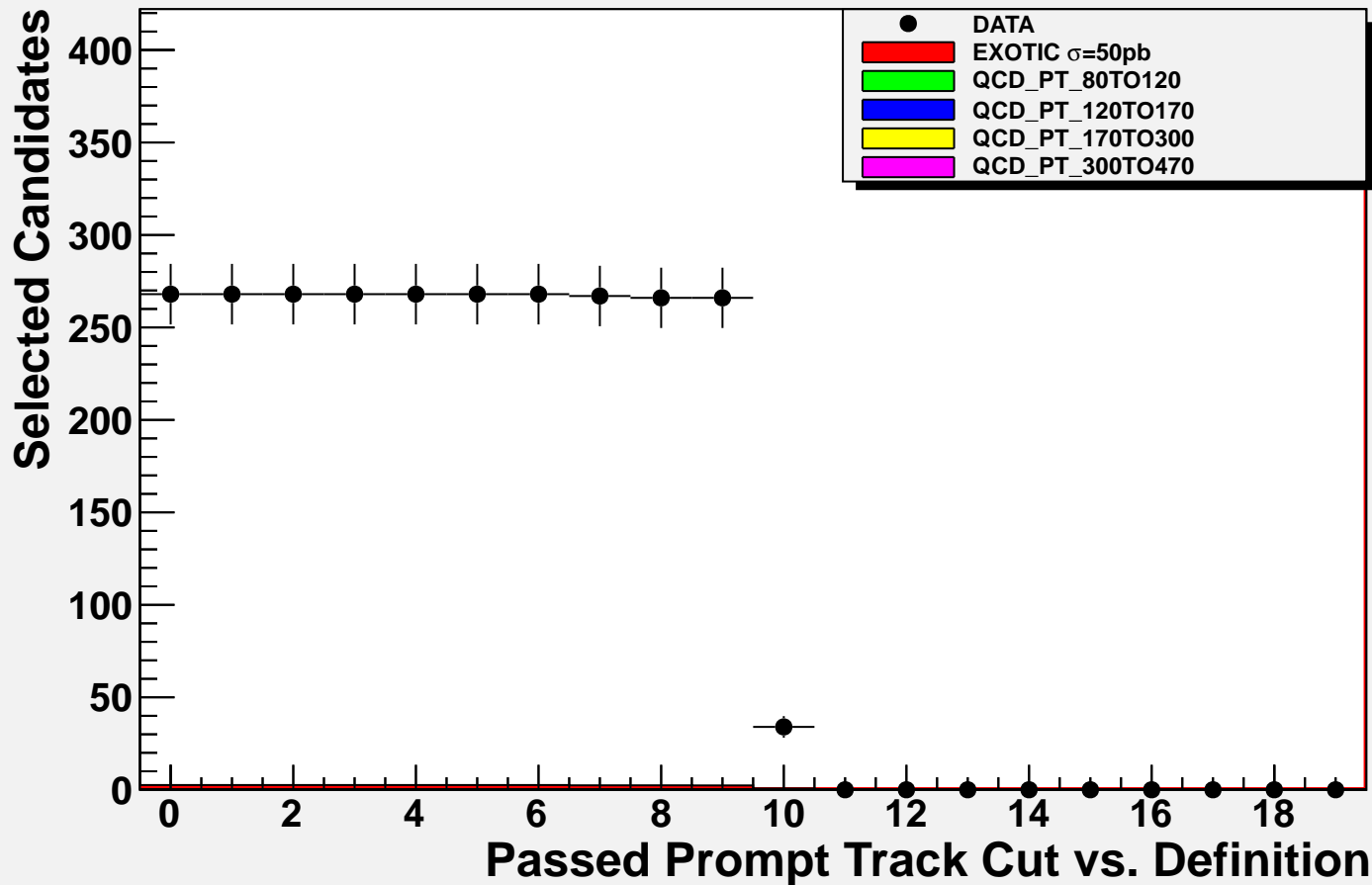
# Single\_Jet\_Cands



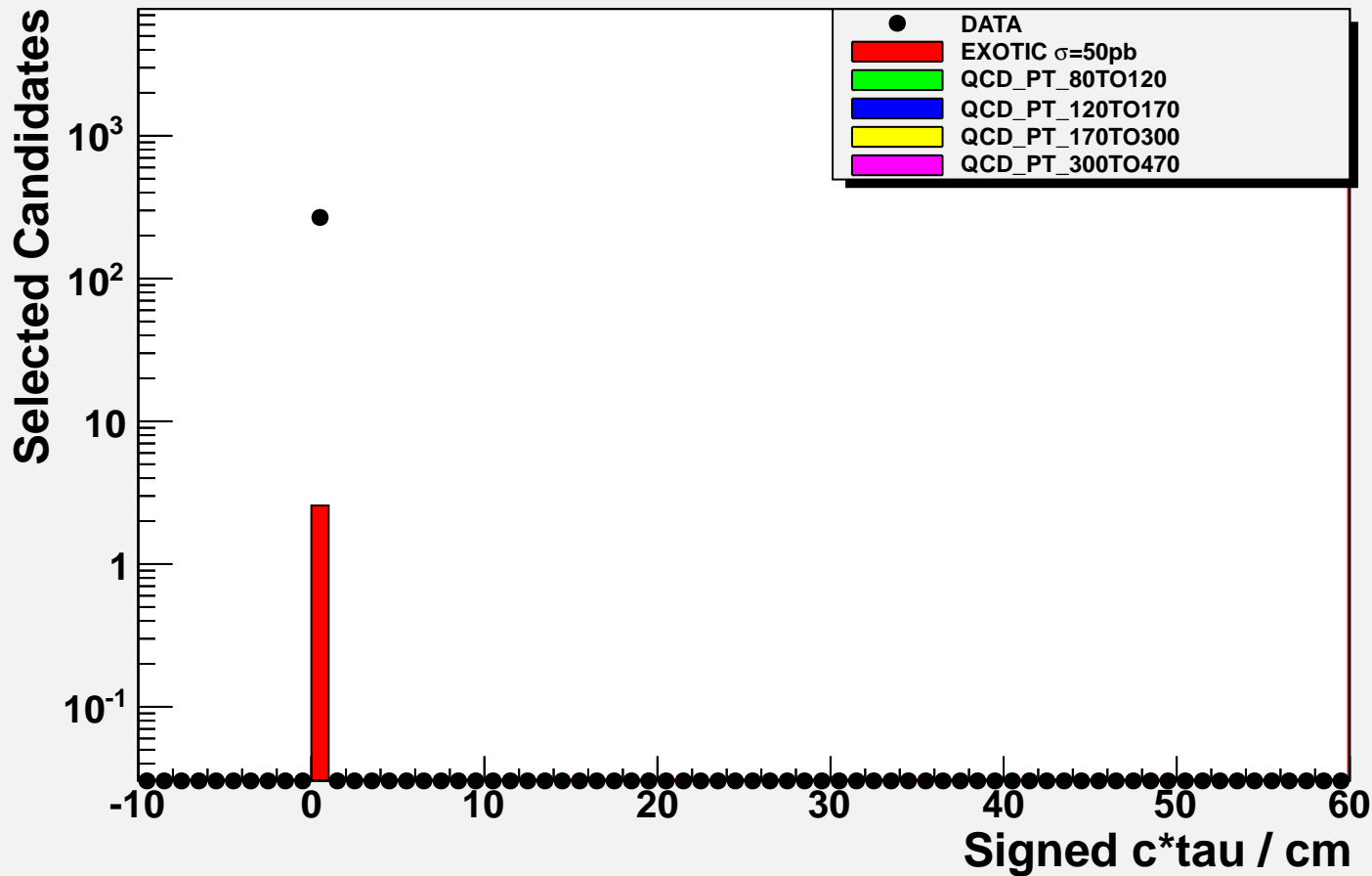
# Single\_Jet\_Cands



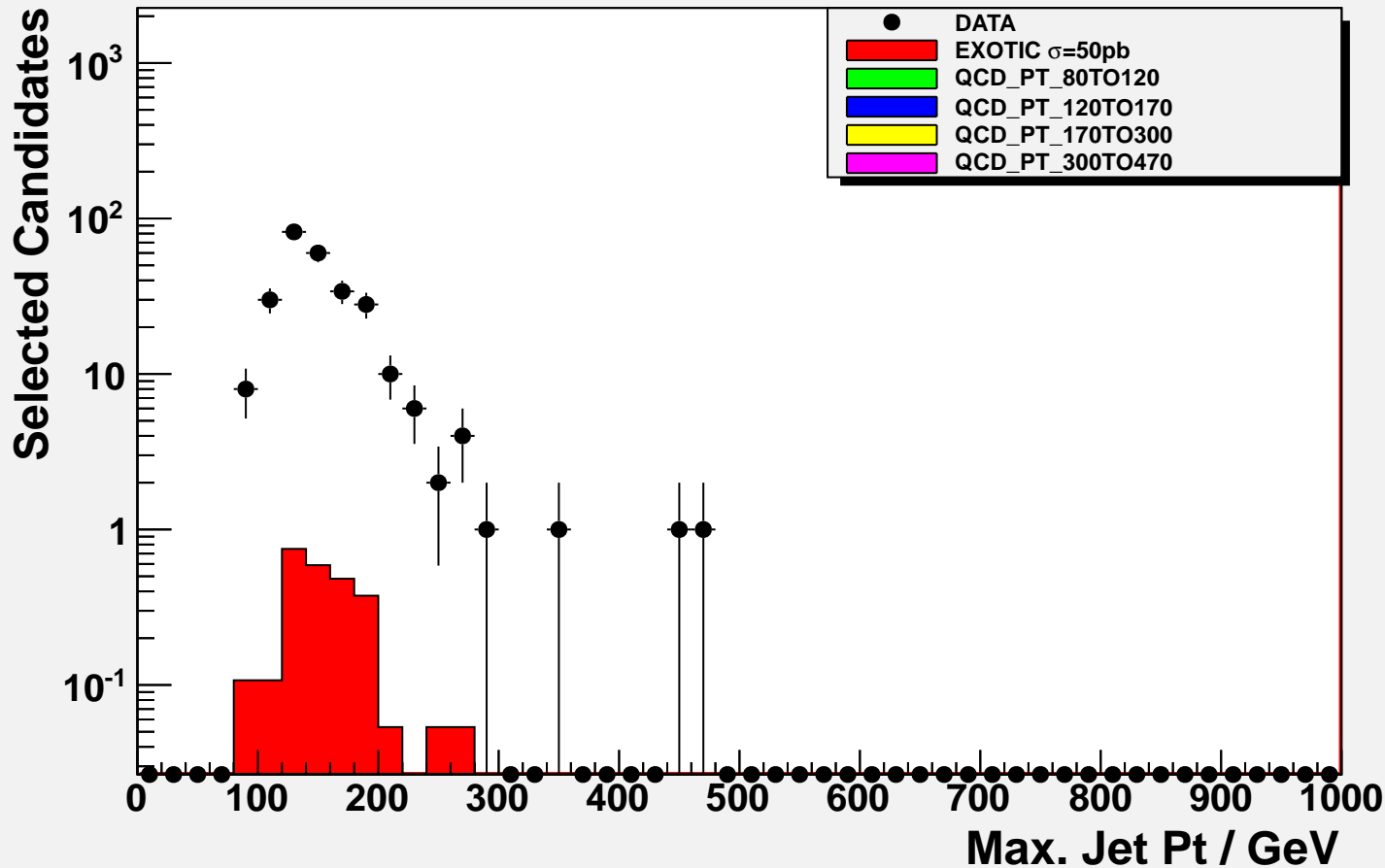
# Single\_Jet\_Cands



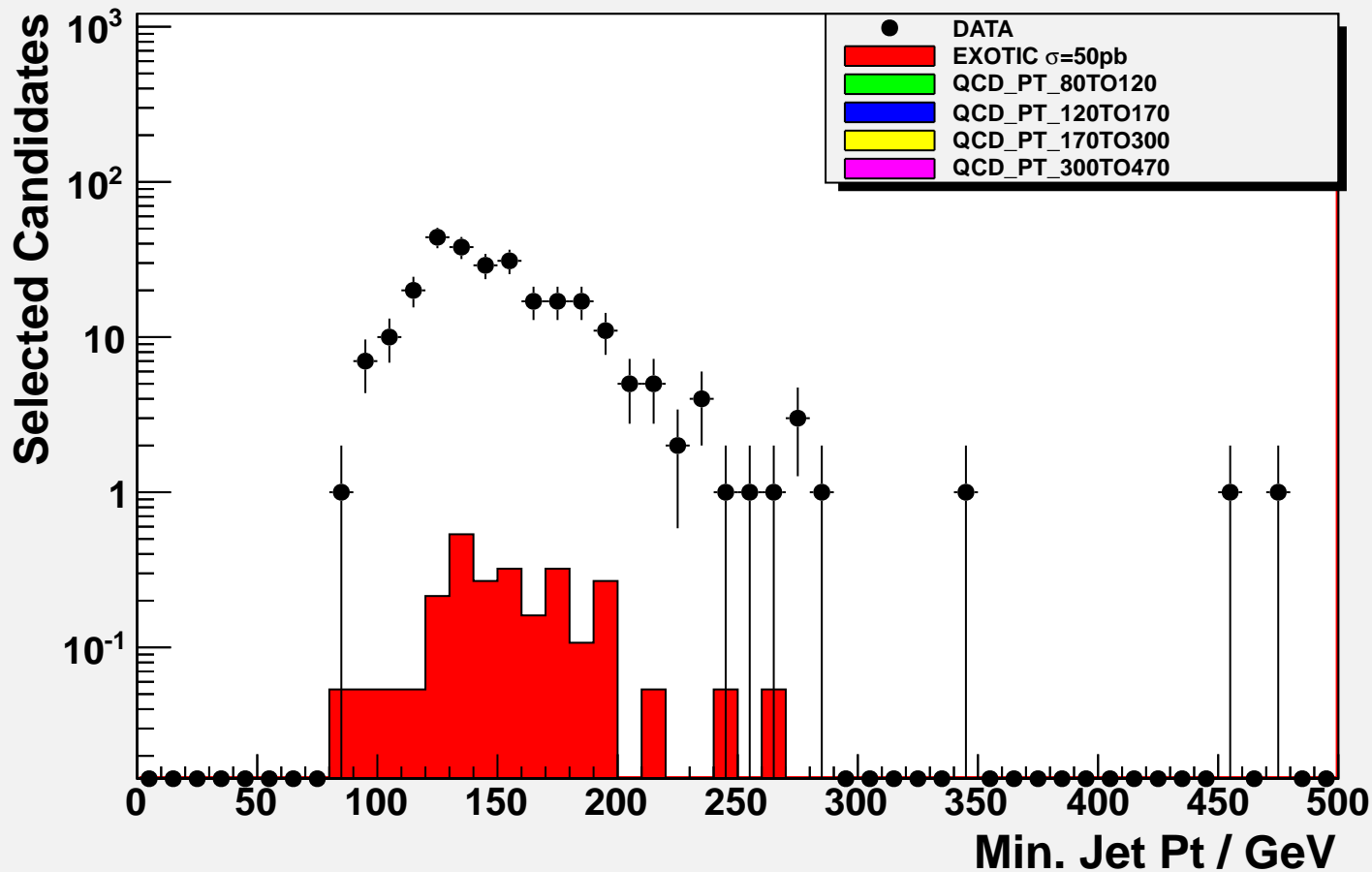
# Single\_Jet\_Cands



# Single\_Jet\_Cands

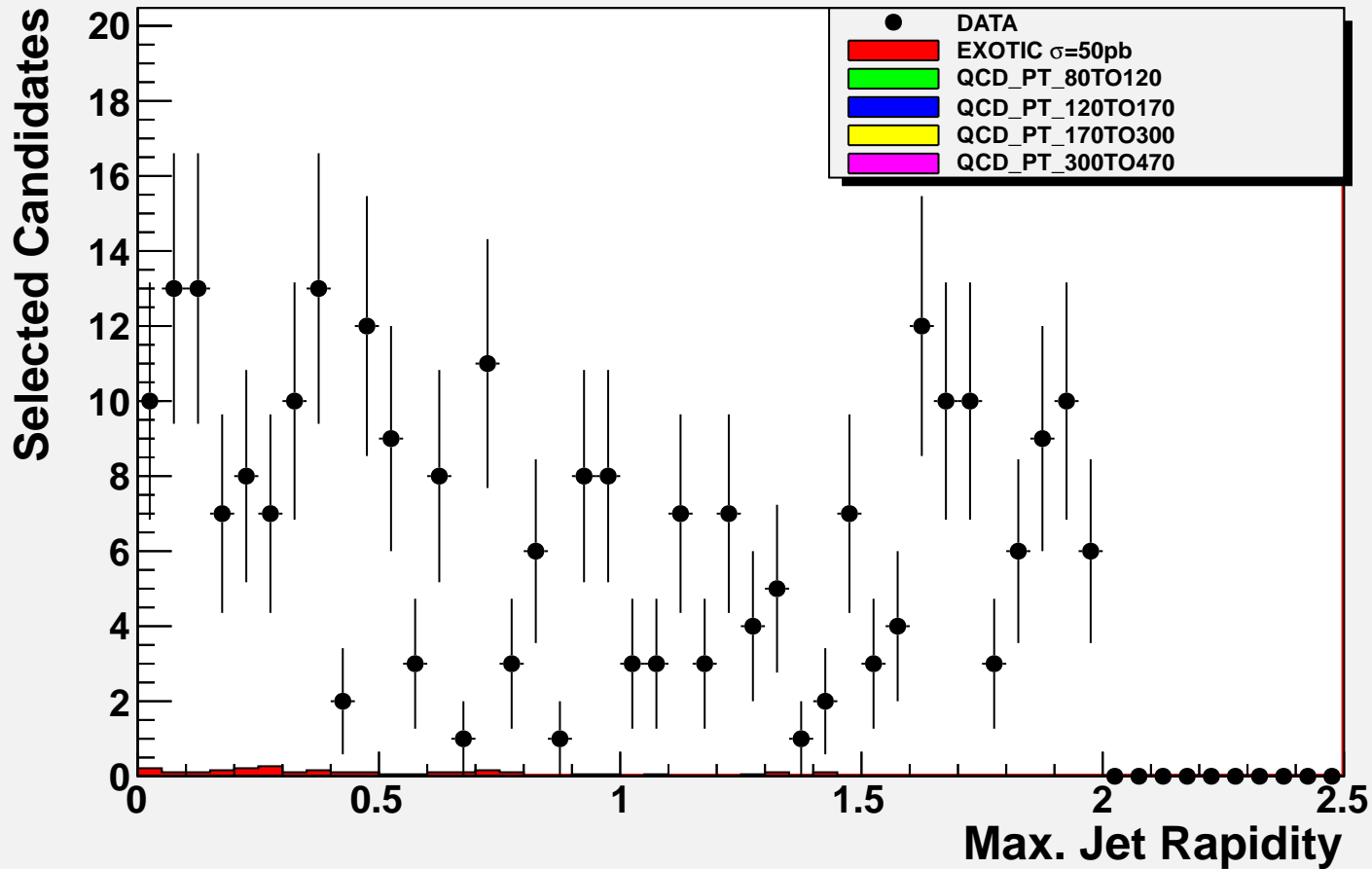


# Single\_Jet\_Cands

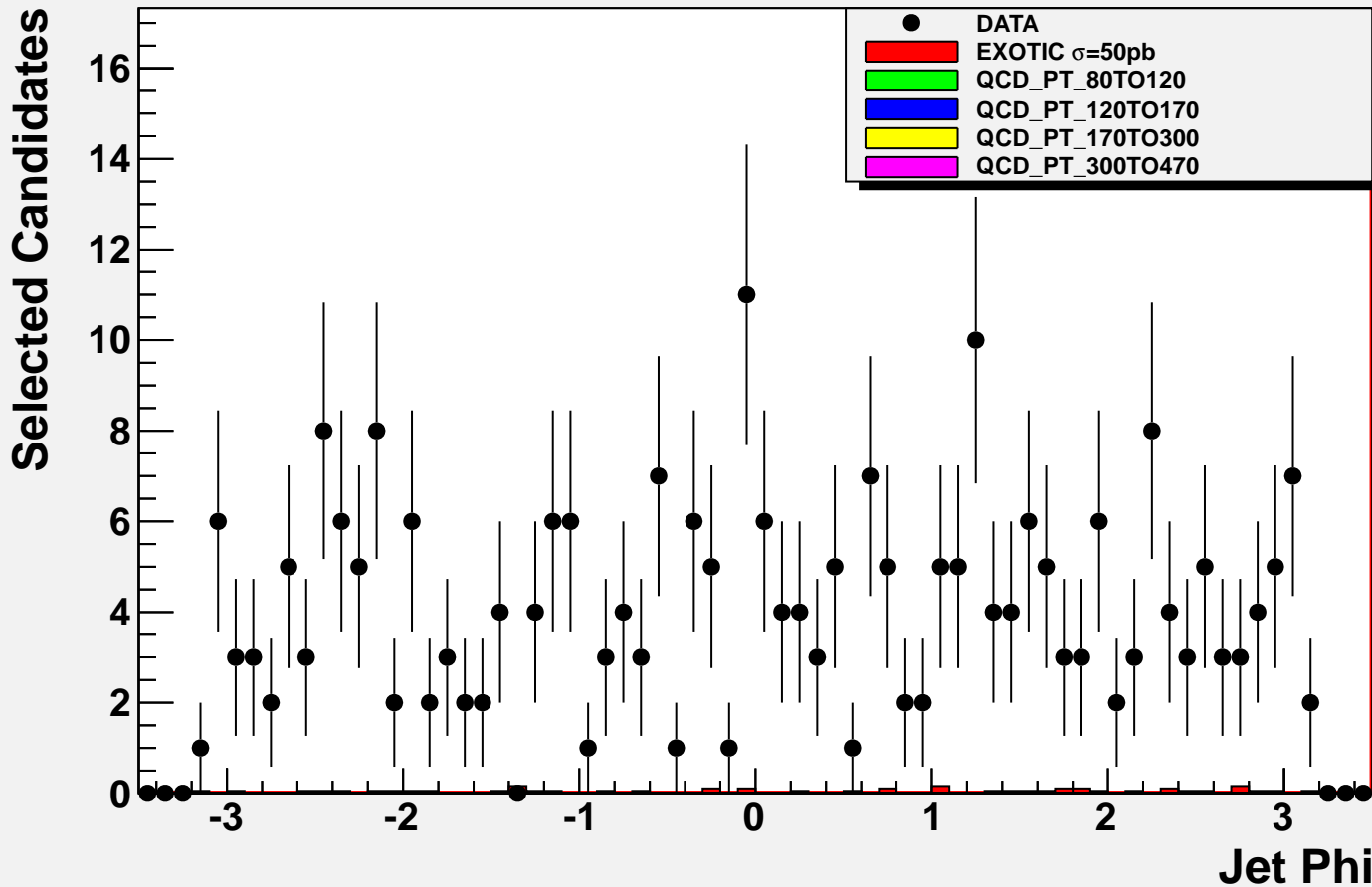




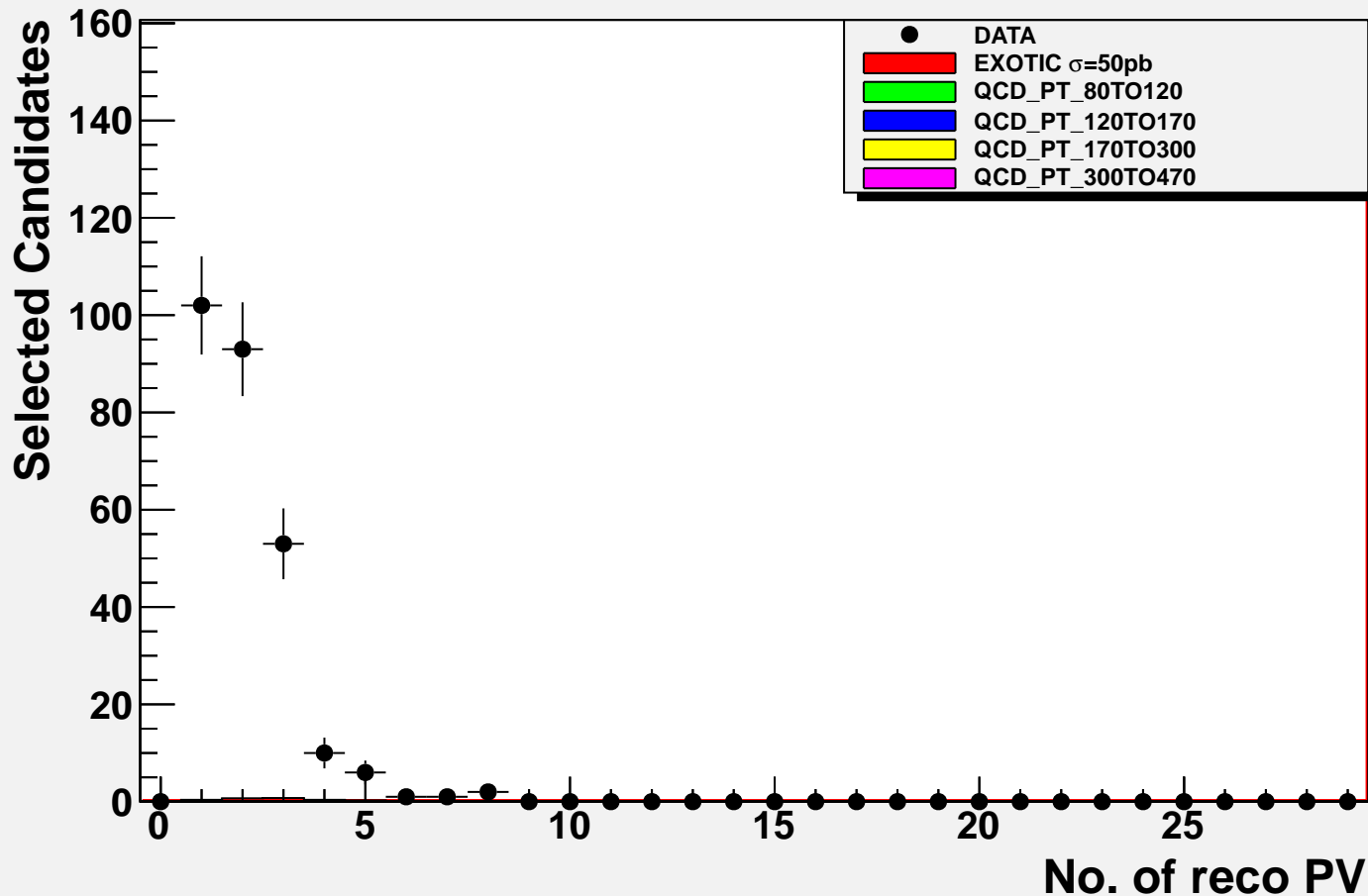
# Single\_Jet\_Cands



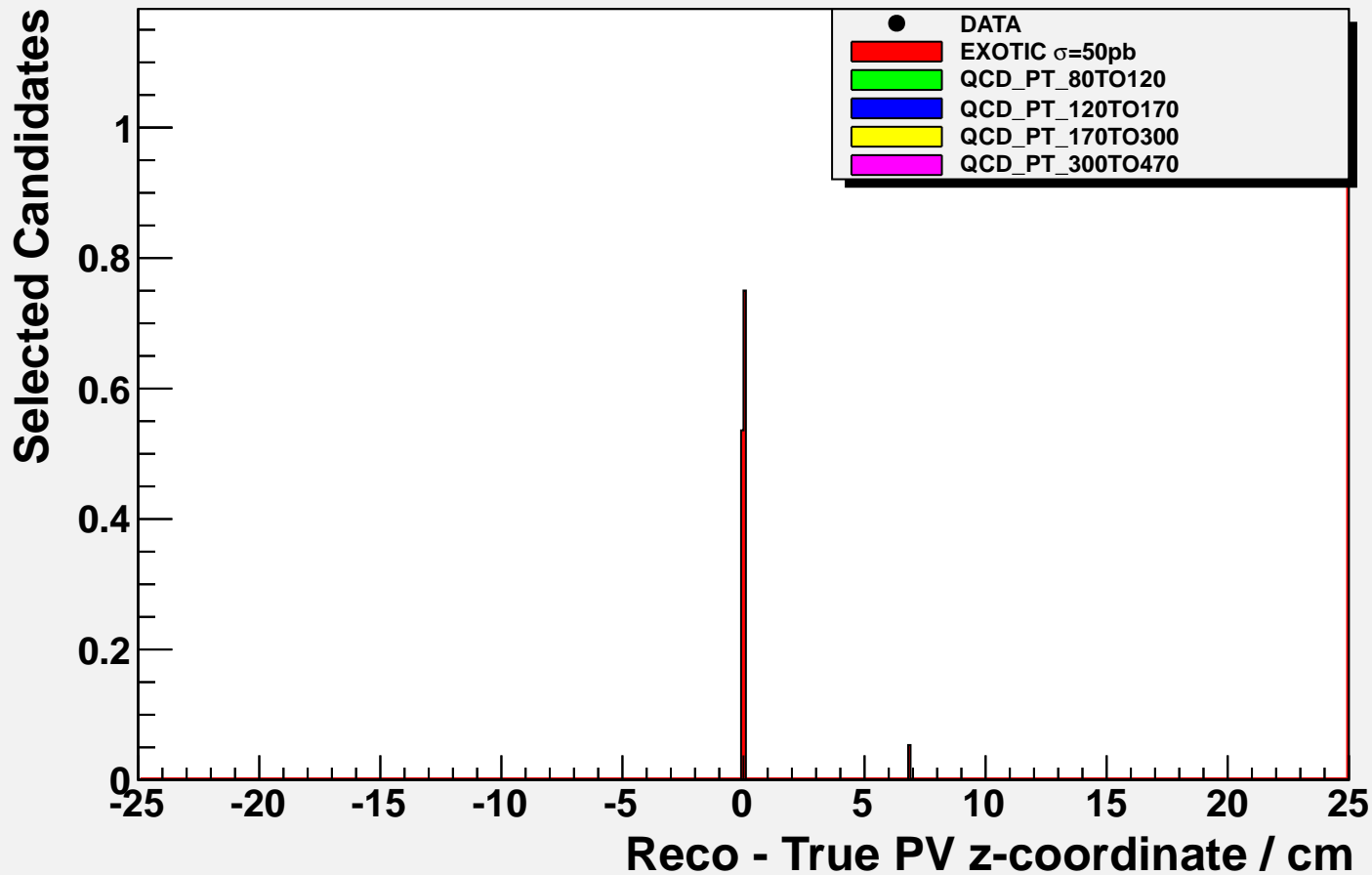
# Single\_Jet\_Cands



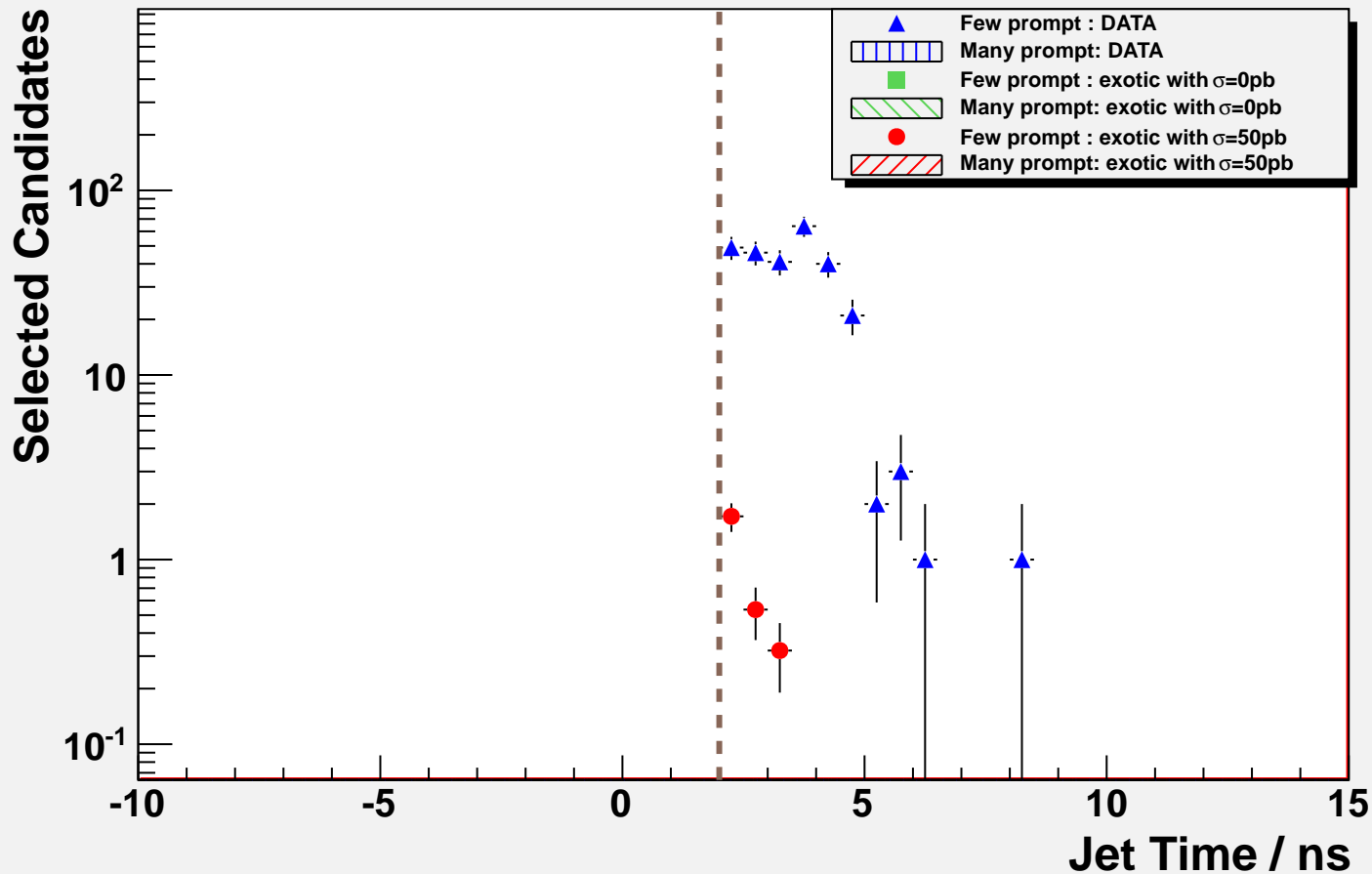
# Single\_Jet\_Cands



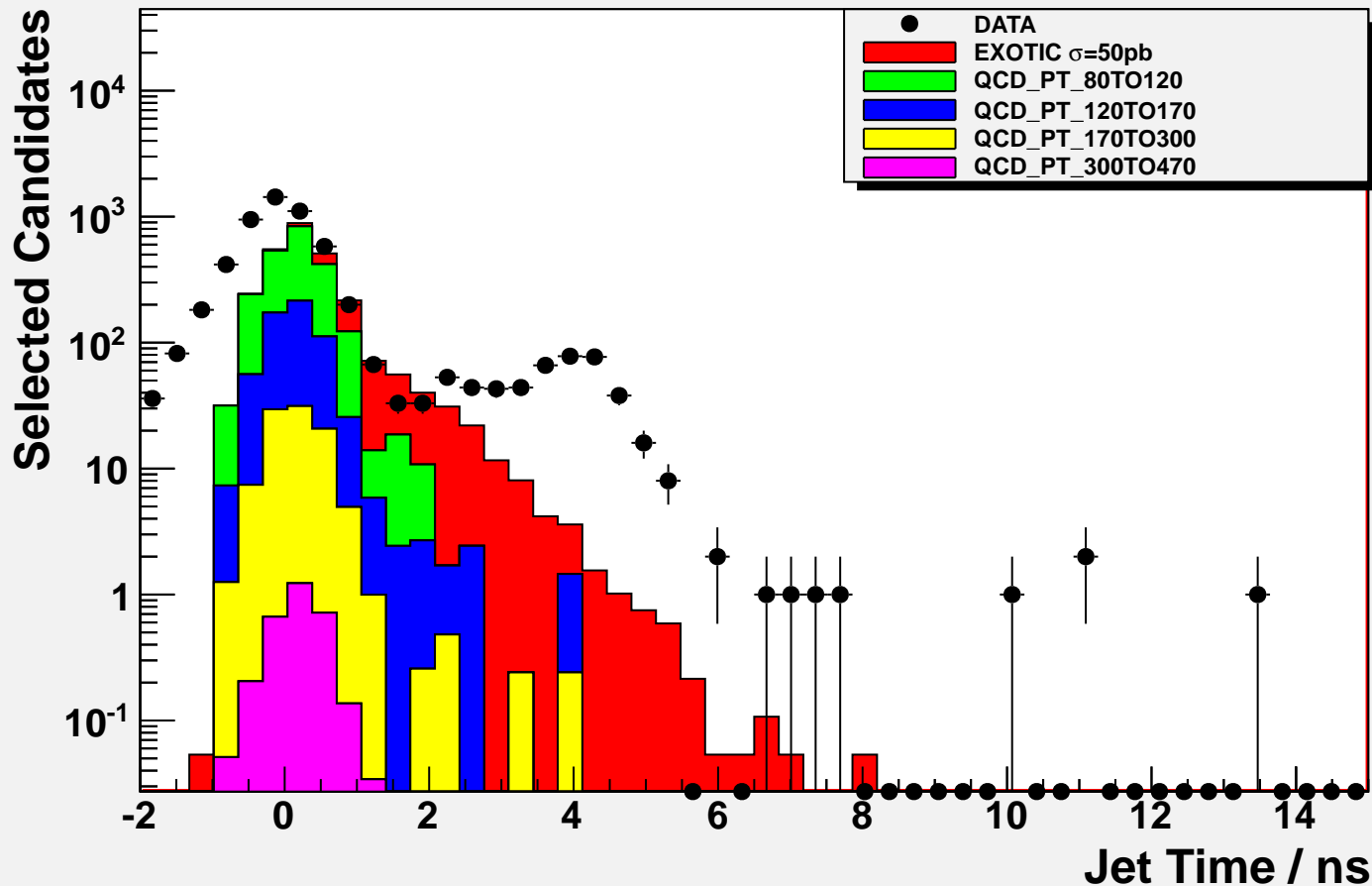
# Single\_Jet\_Cands



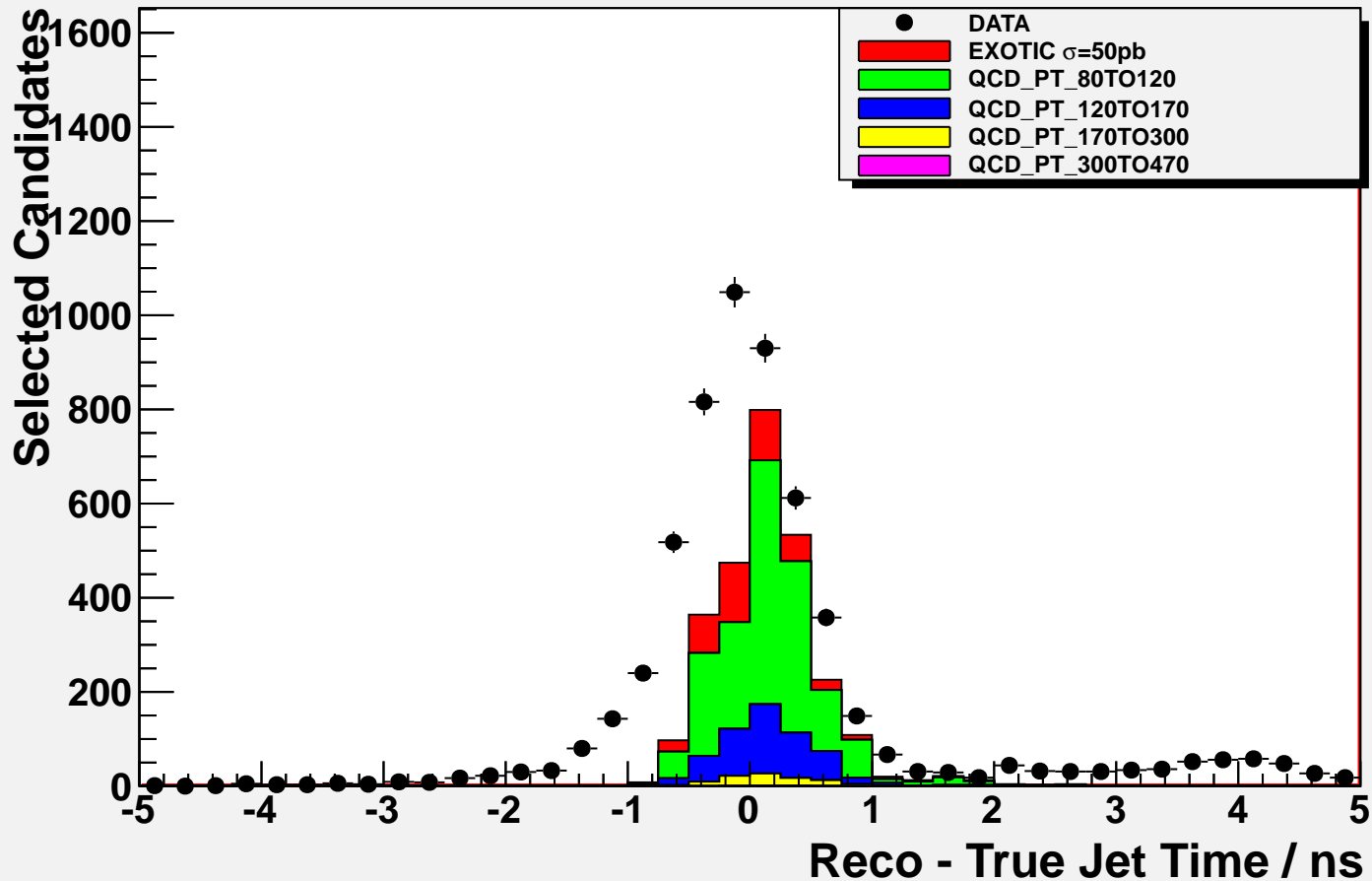
# Single\_Jet\_Cands ABCD Method: Few Prompt Jet Time



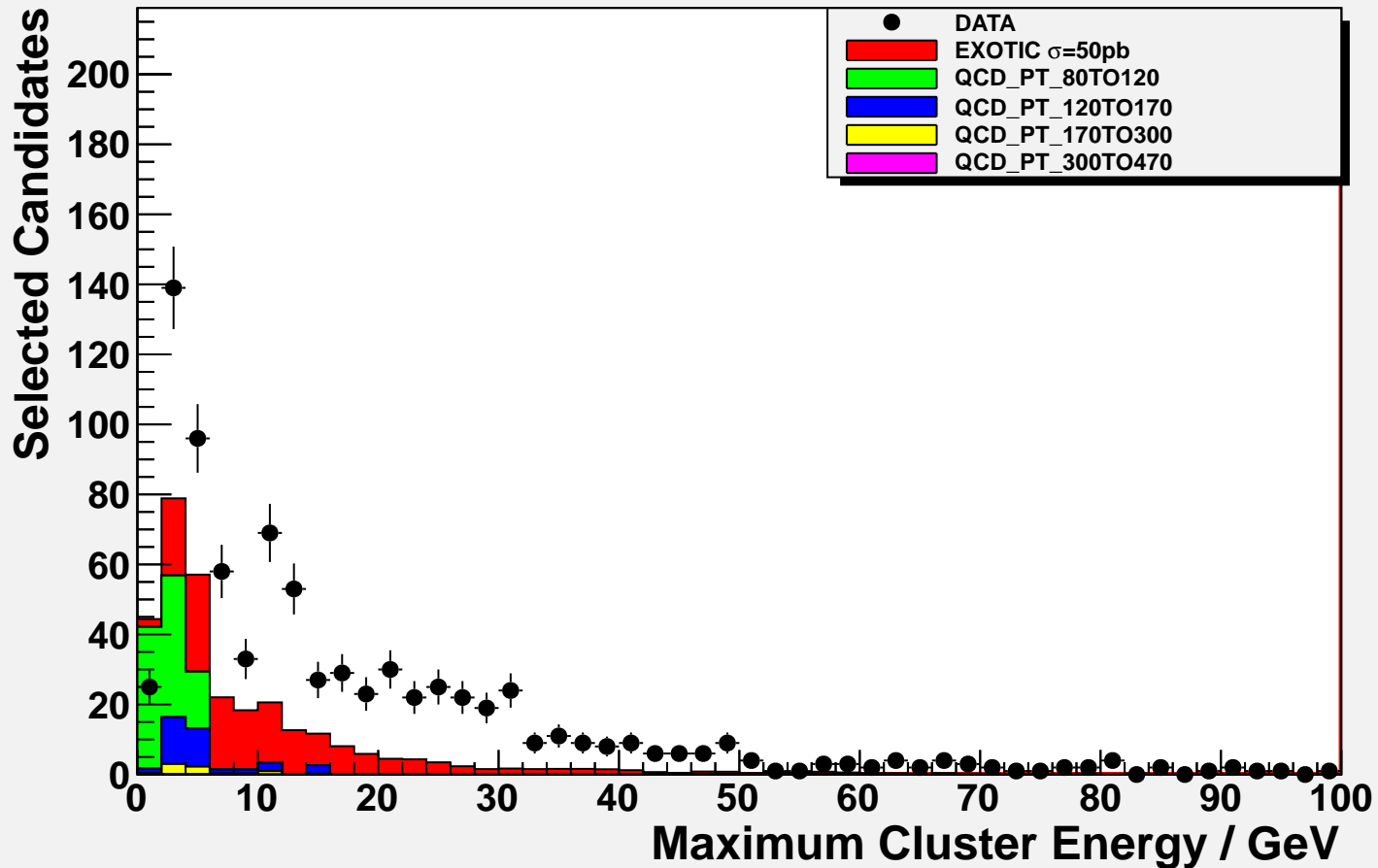
# Double\_Jet\_Cands



# Double\_Jet\_Cands

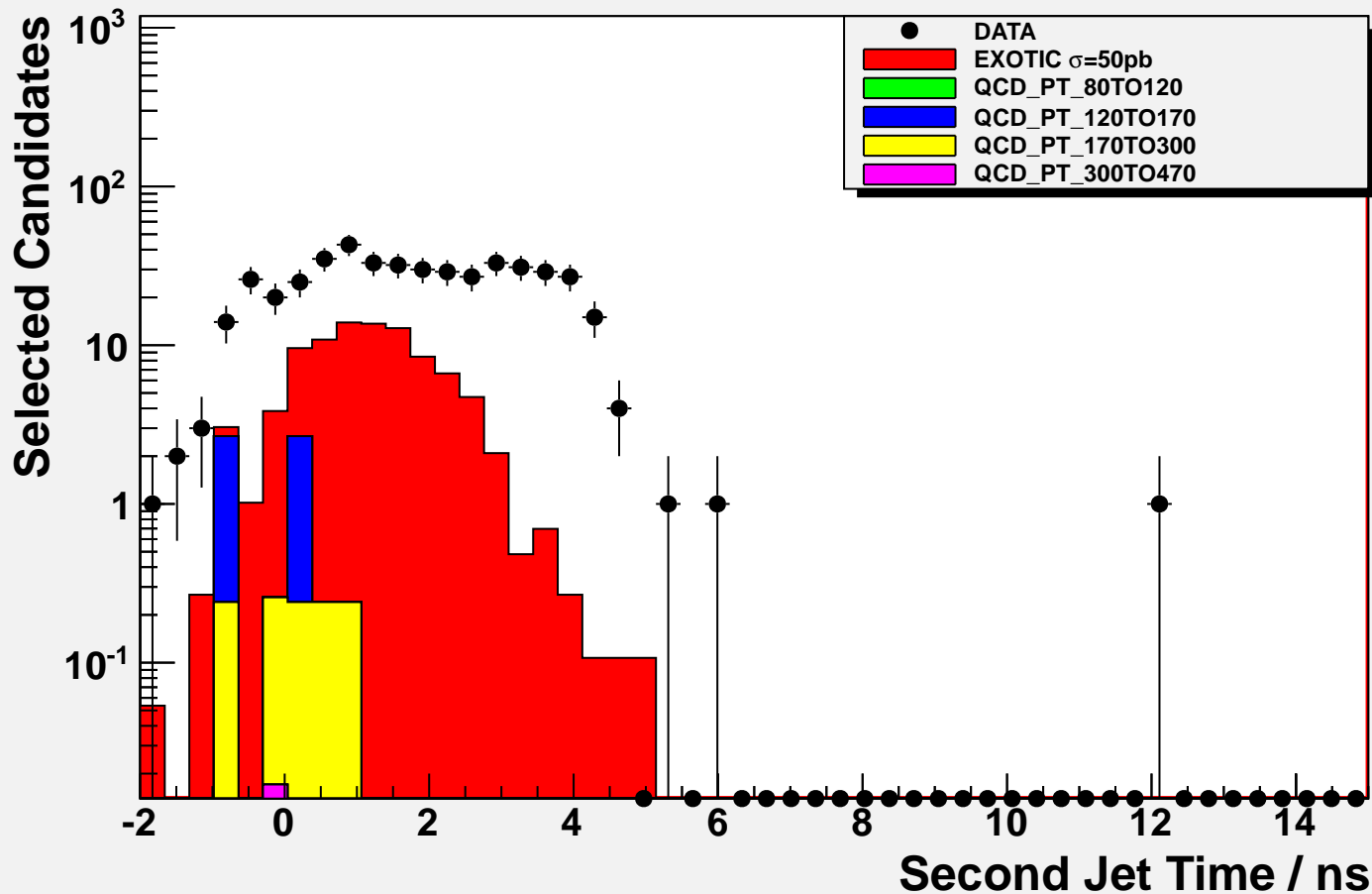


# Double\_Jet\_Cands

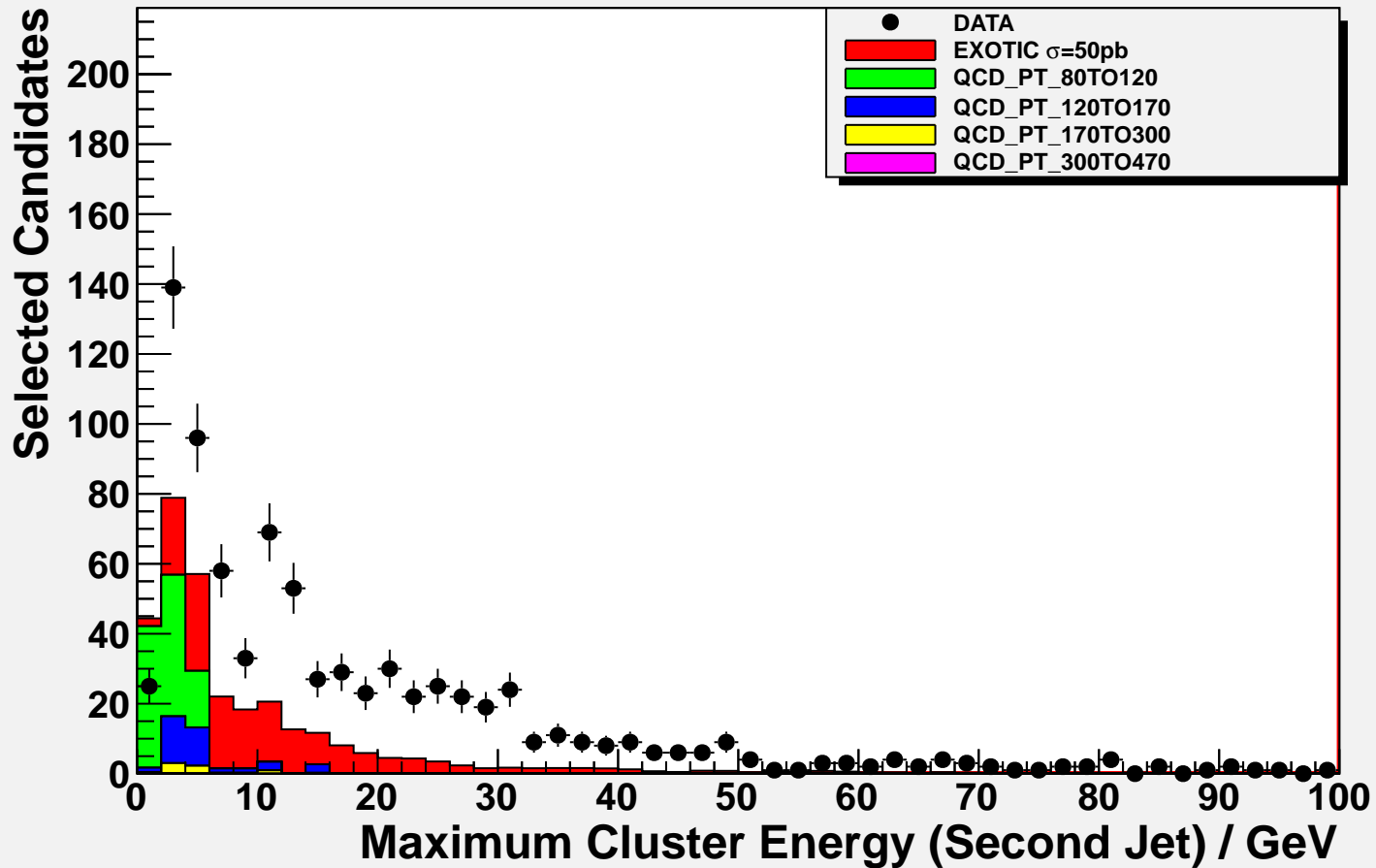




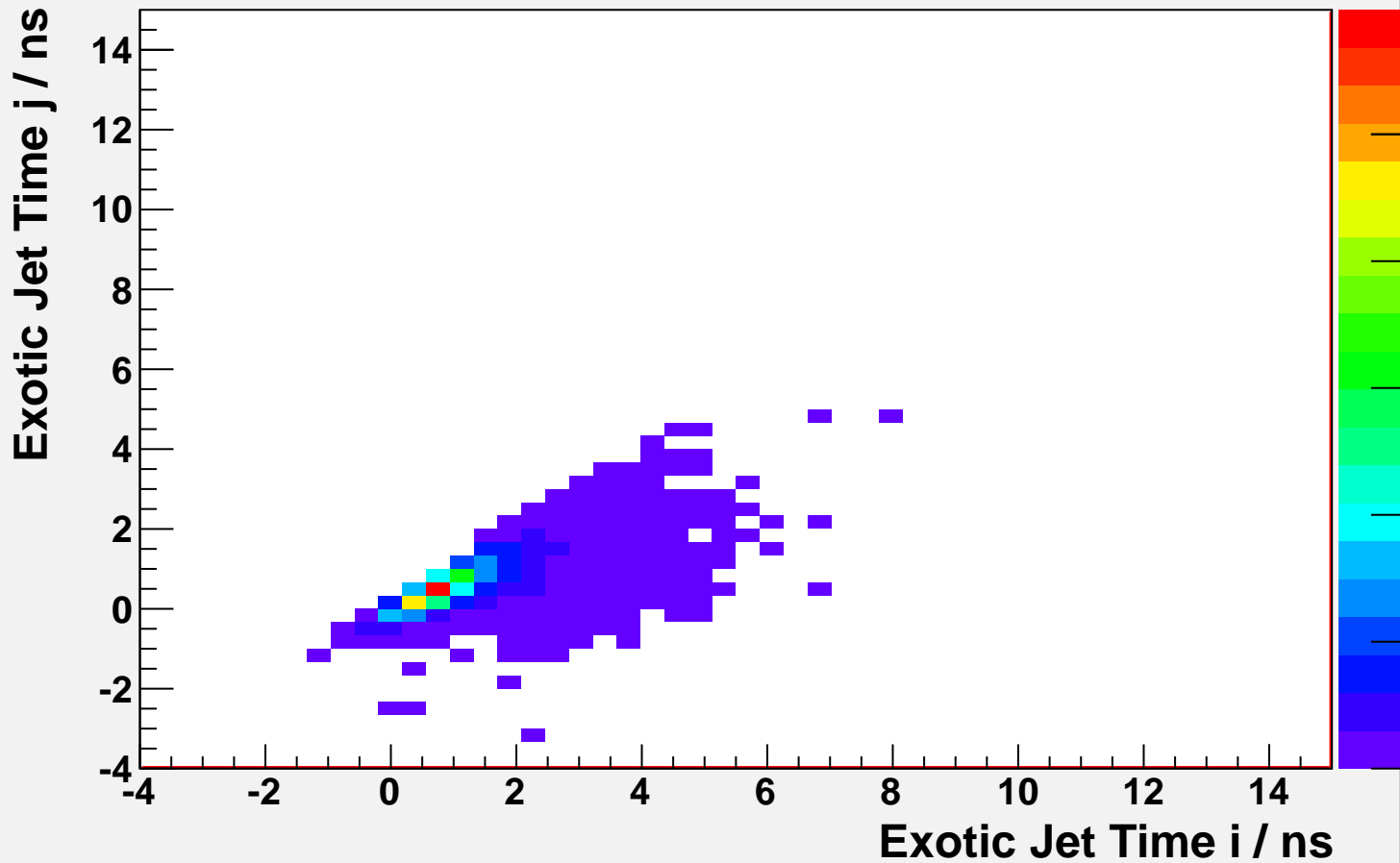
# Double\_Jet\_Cands



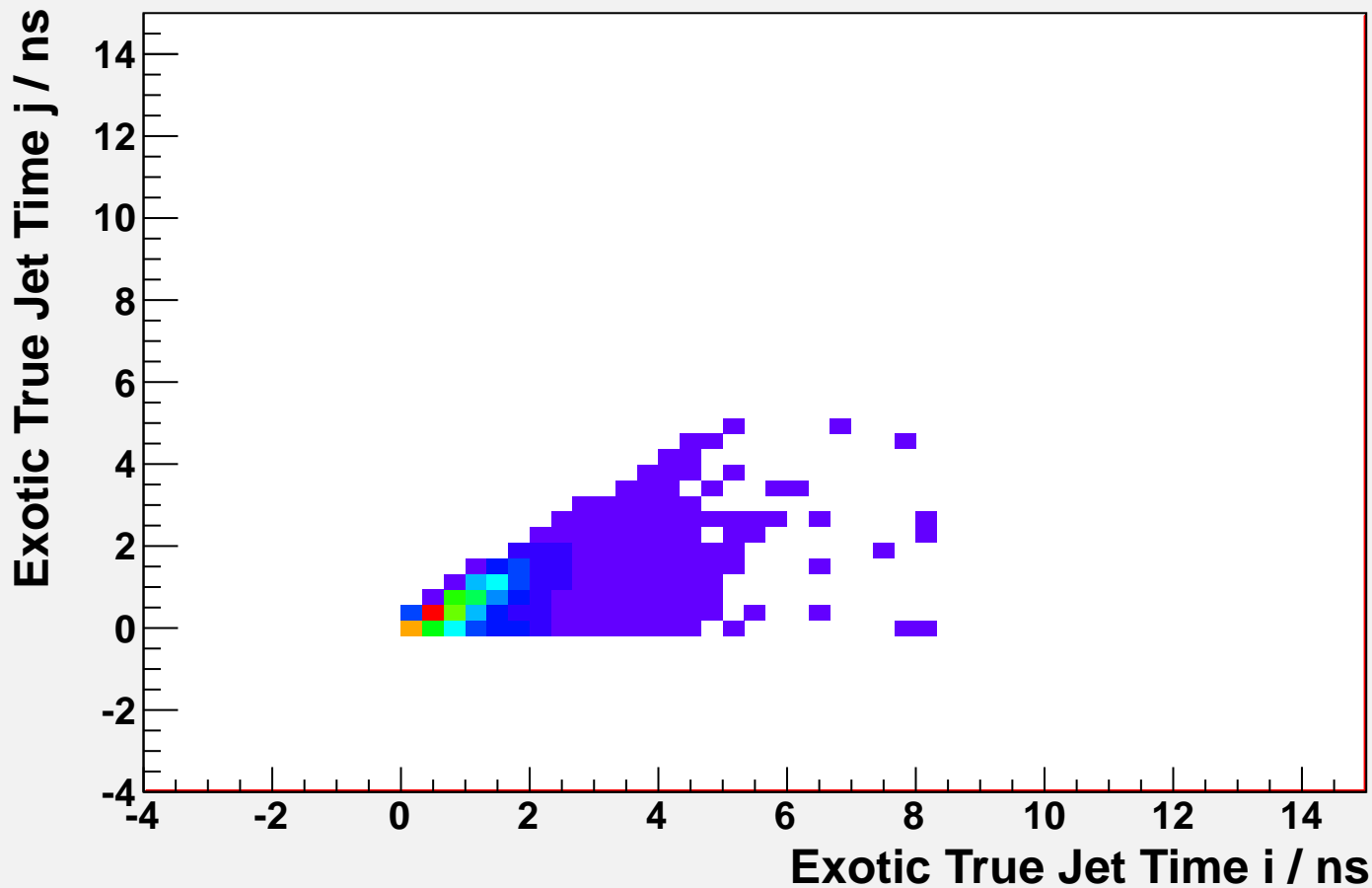
# Double\_Jet\_Cands



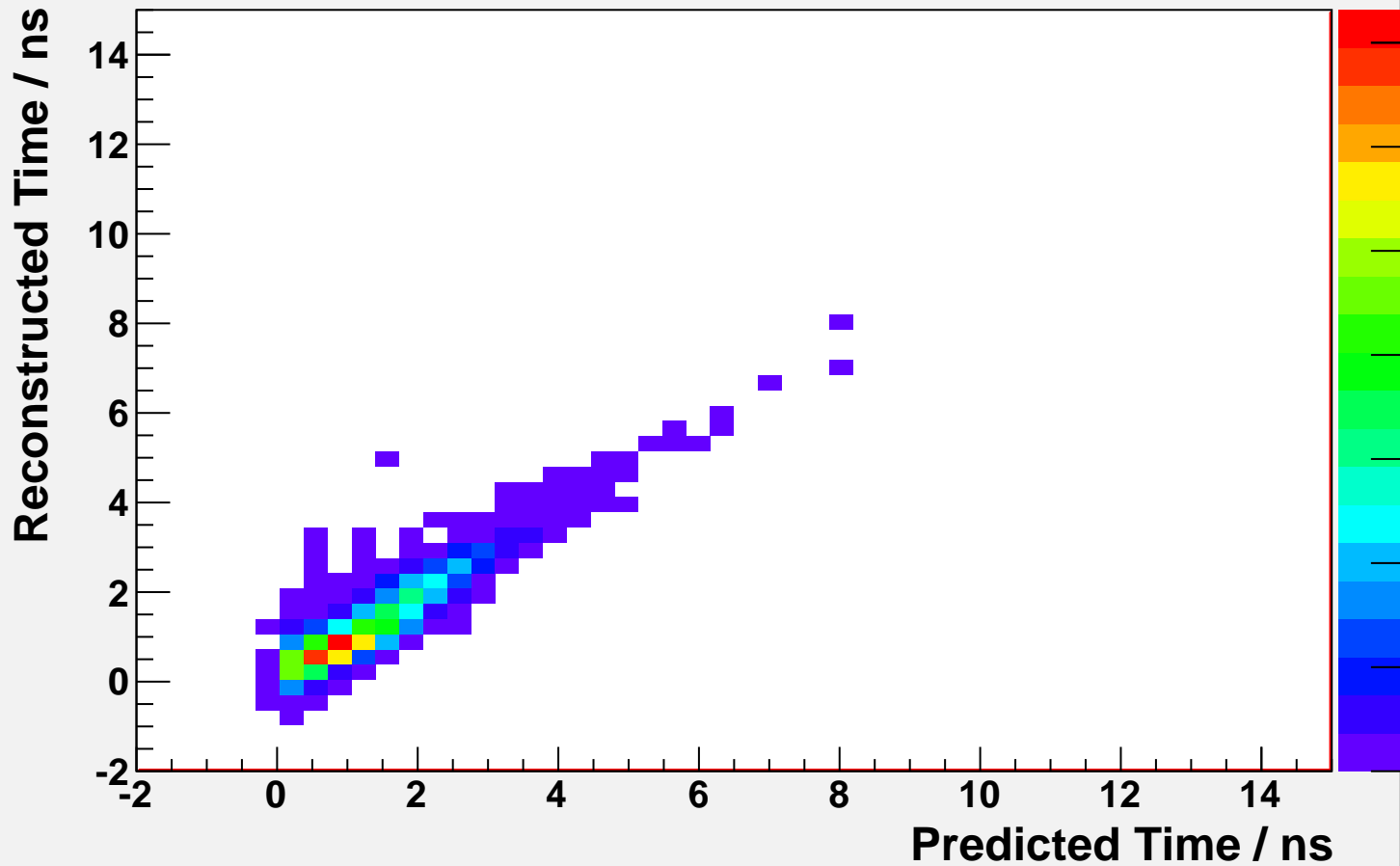
# Jet Time i v j



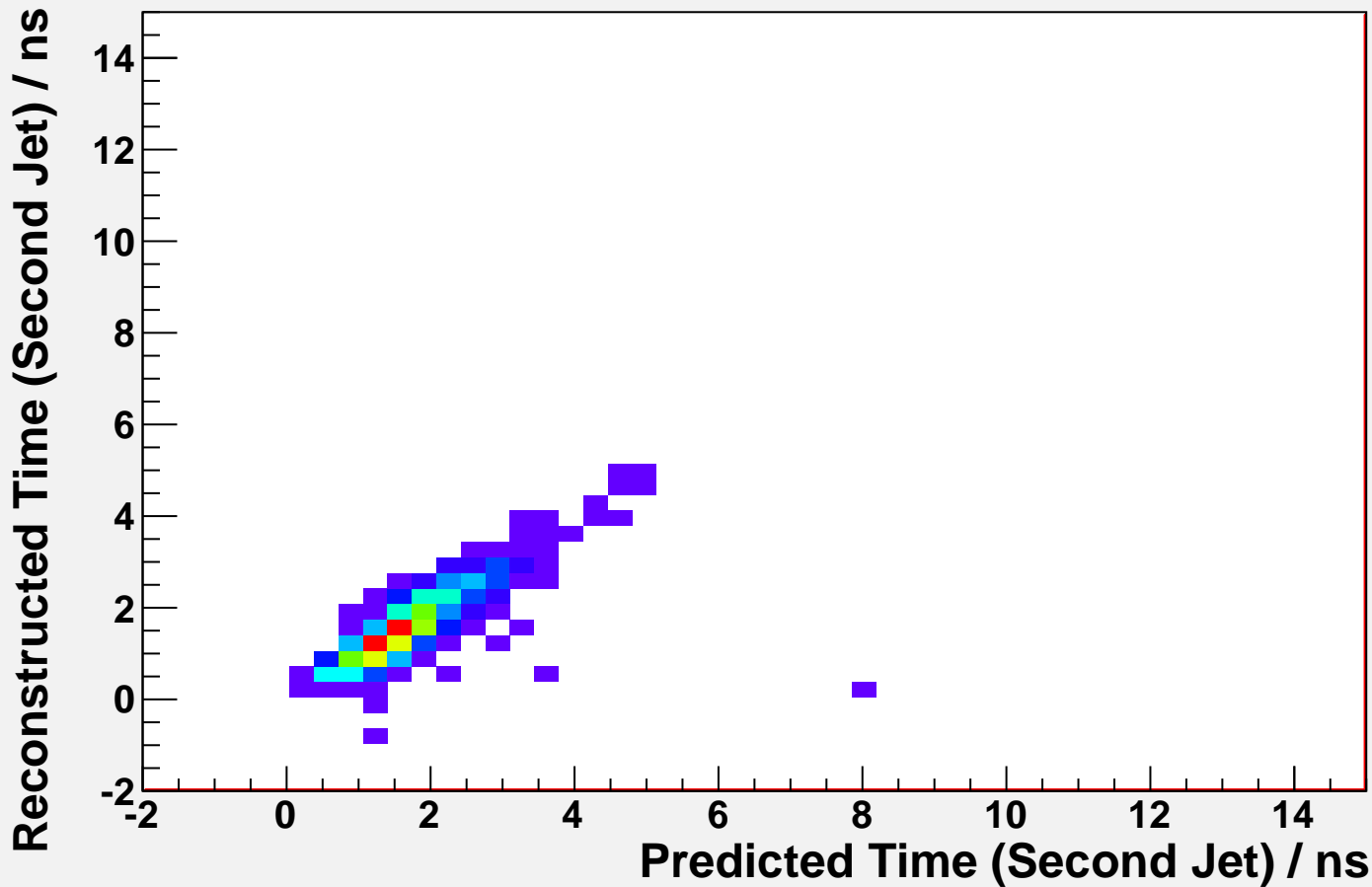
# True Jet Time in v j



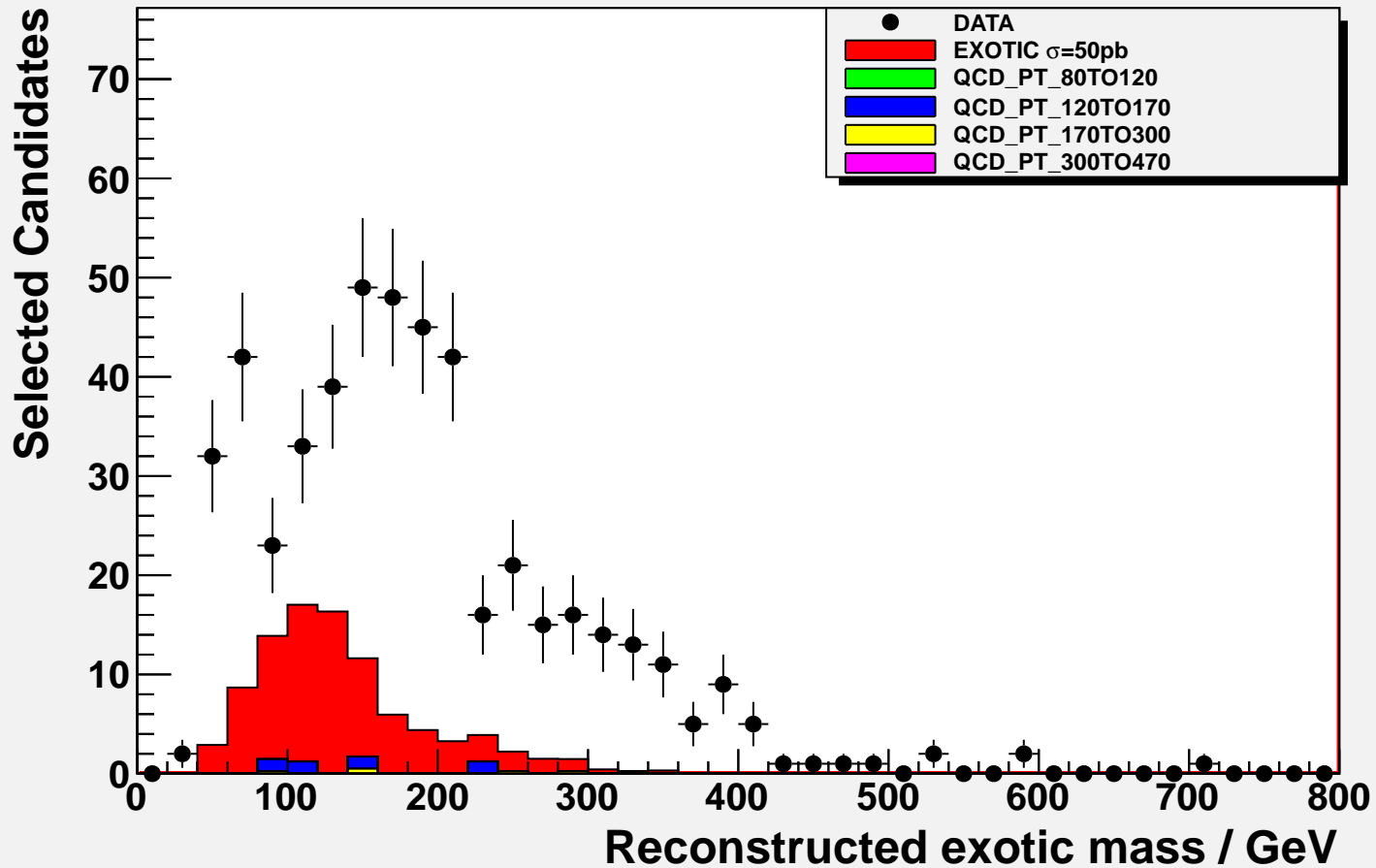
# Reco v True Jet Time



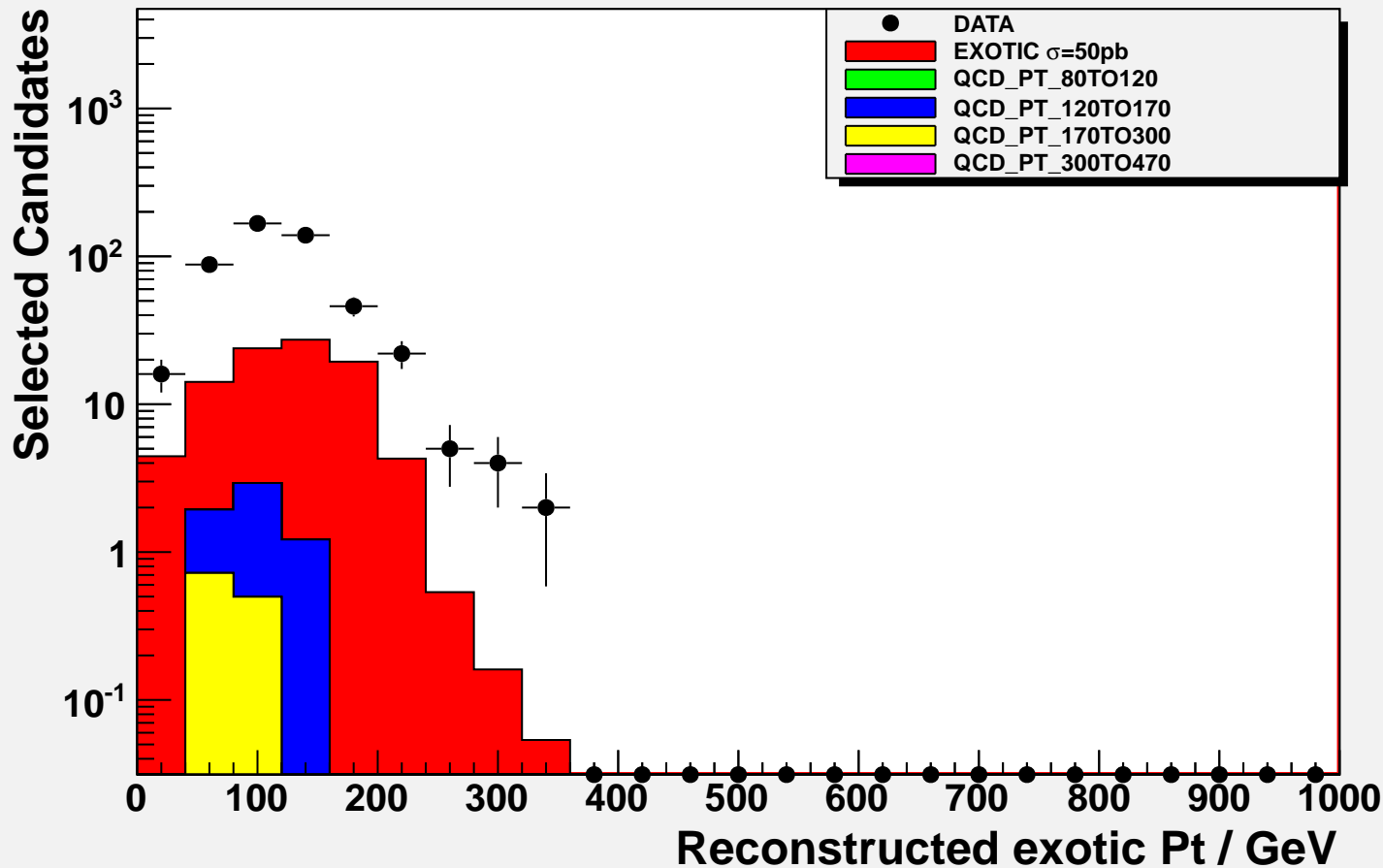
# Reco v True Jet Time



# Double\_Jet\_Cands

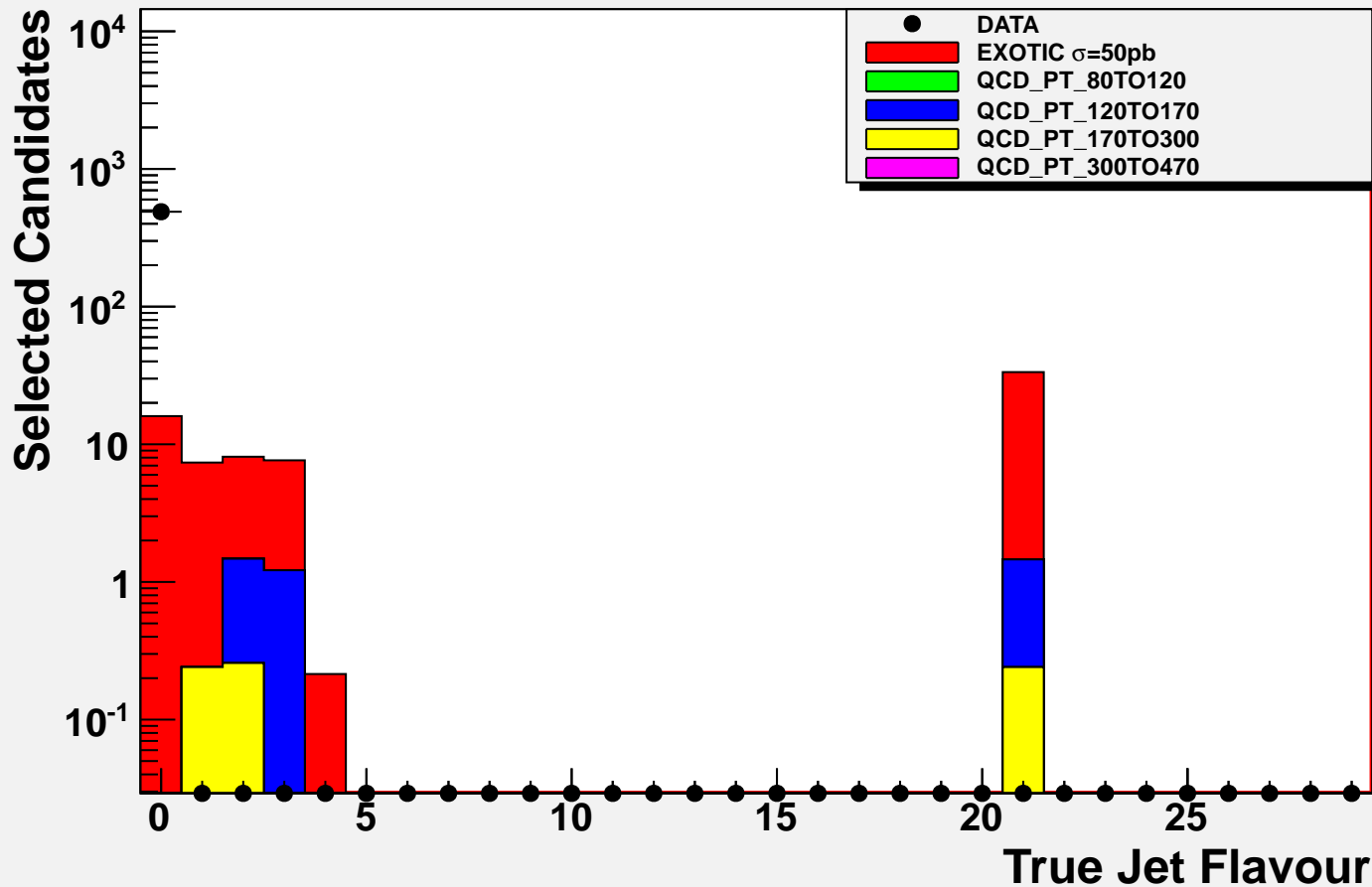


# Double\_Jet\_Cands

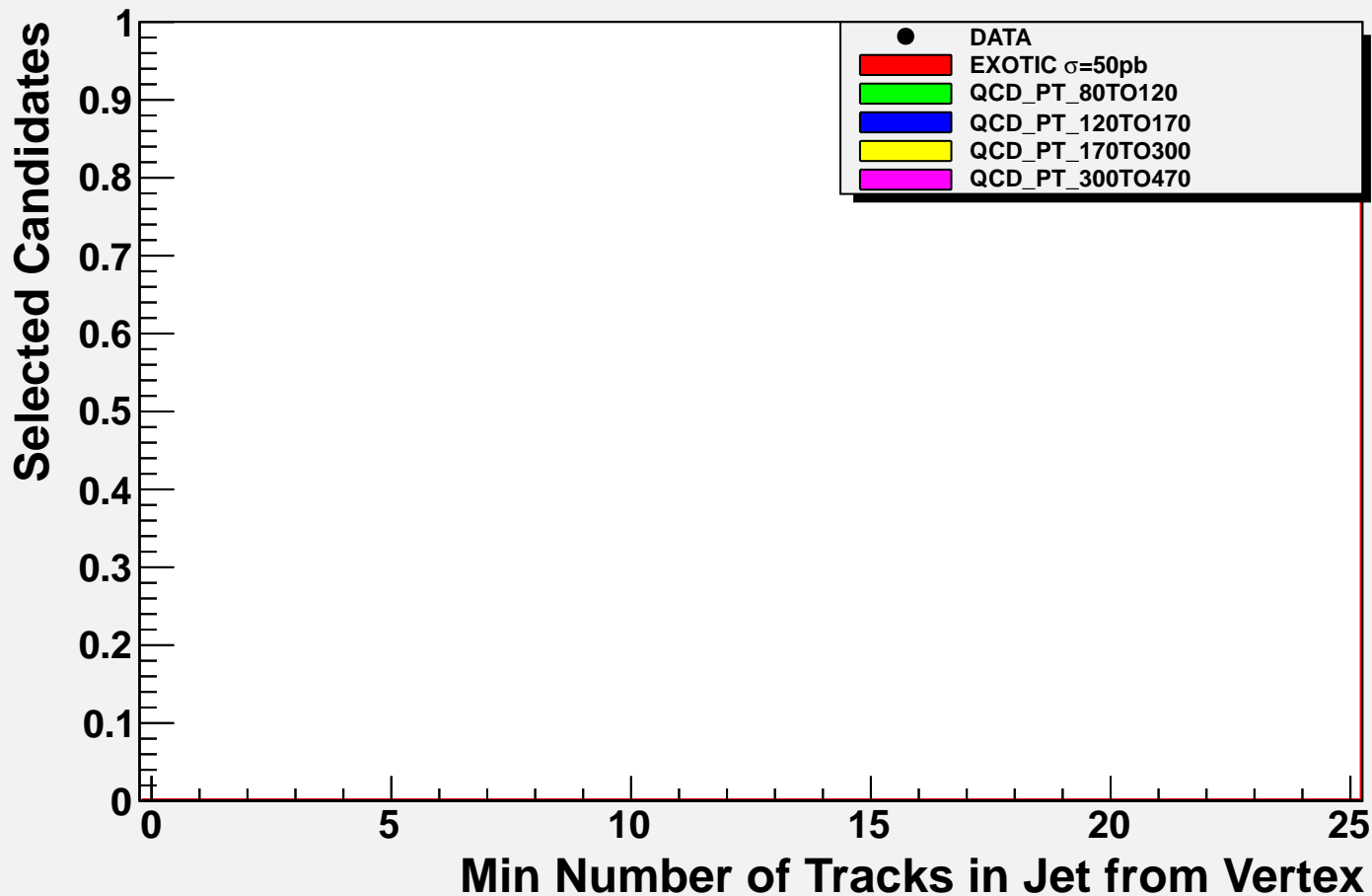




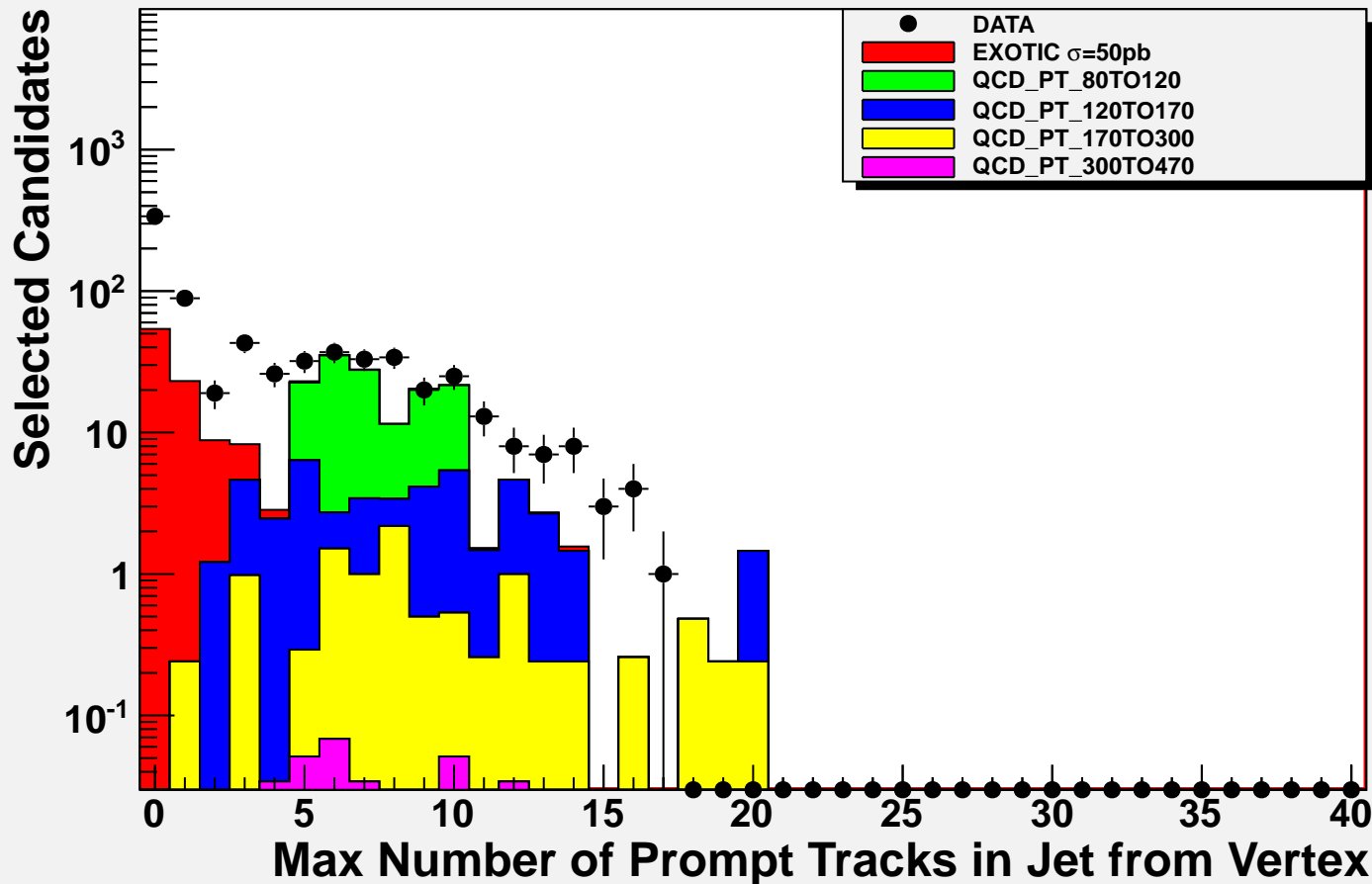
# Double\_Jet\_Cands



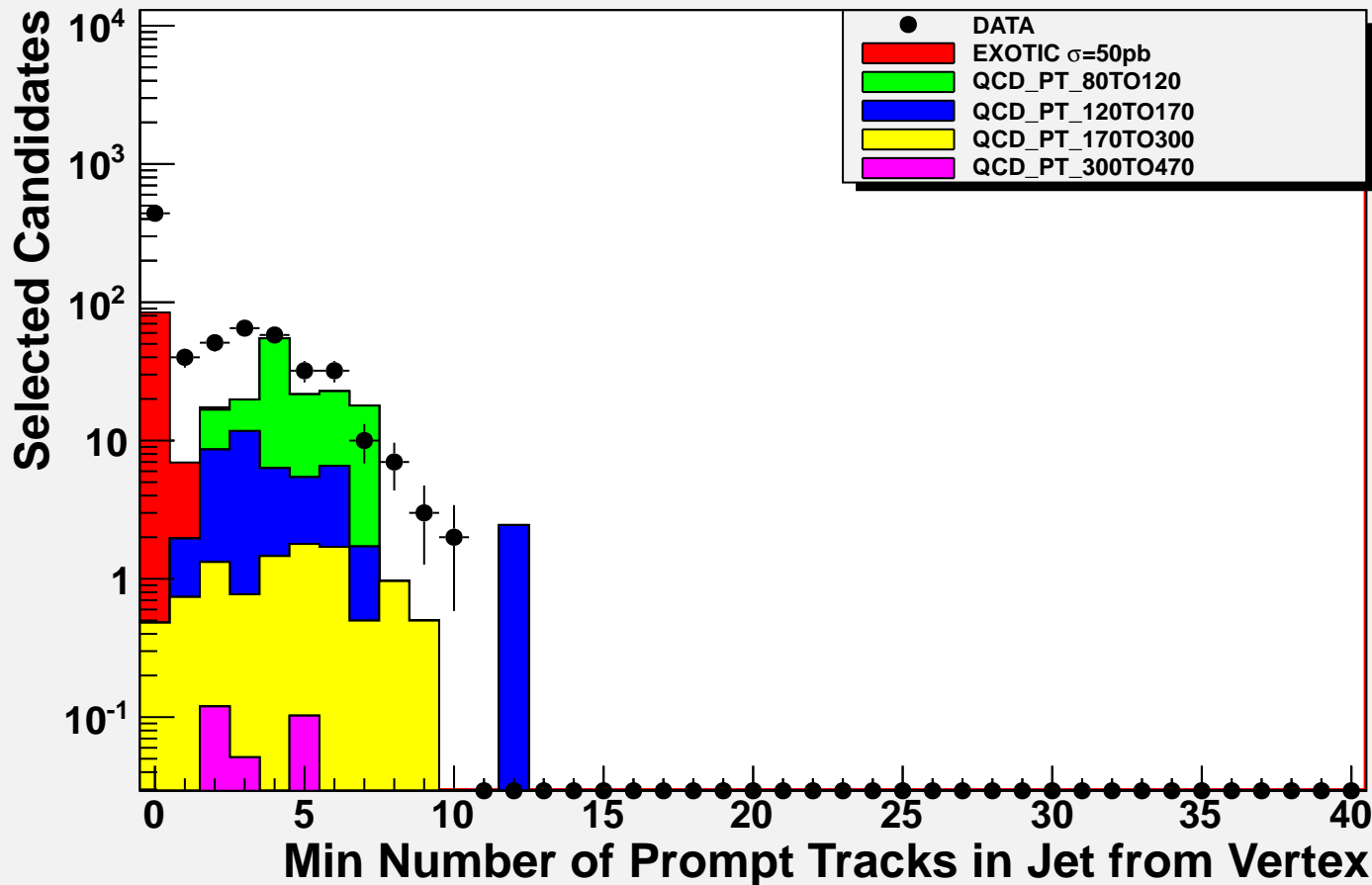
# Double\_Jet\_Cands



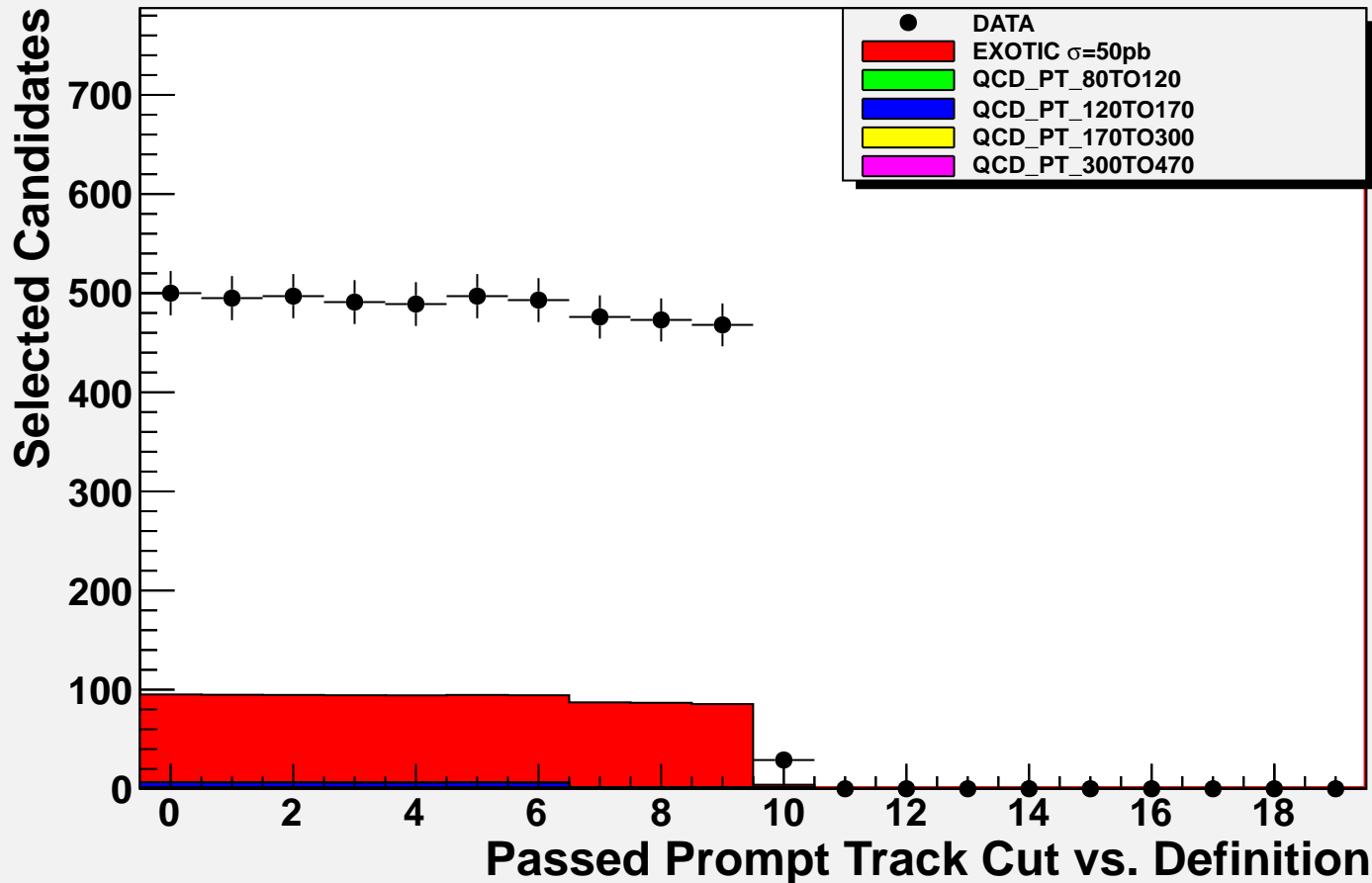
# Double\_Jet\_Cands



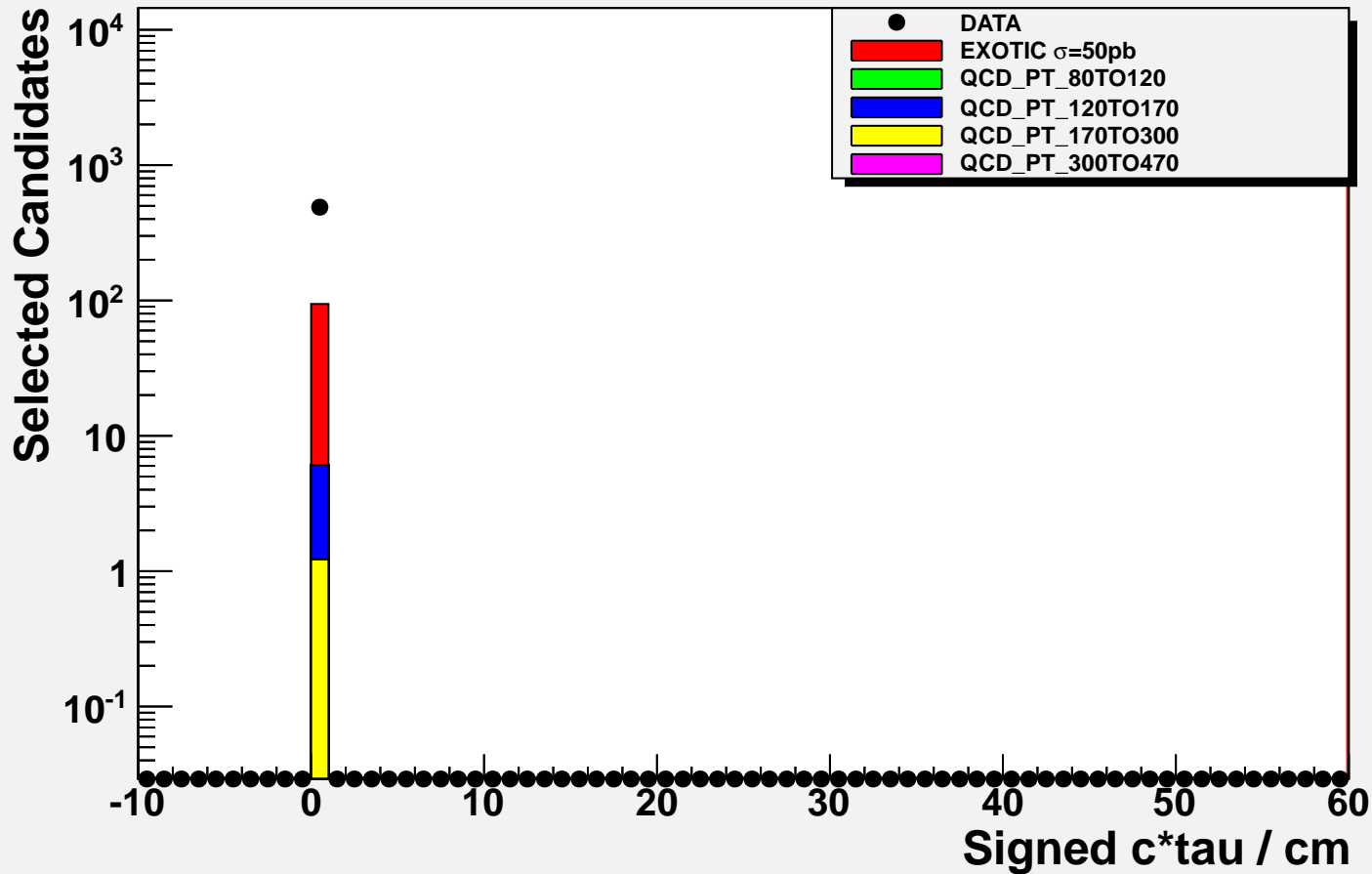
# Double\_Jet\_Cands



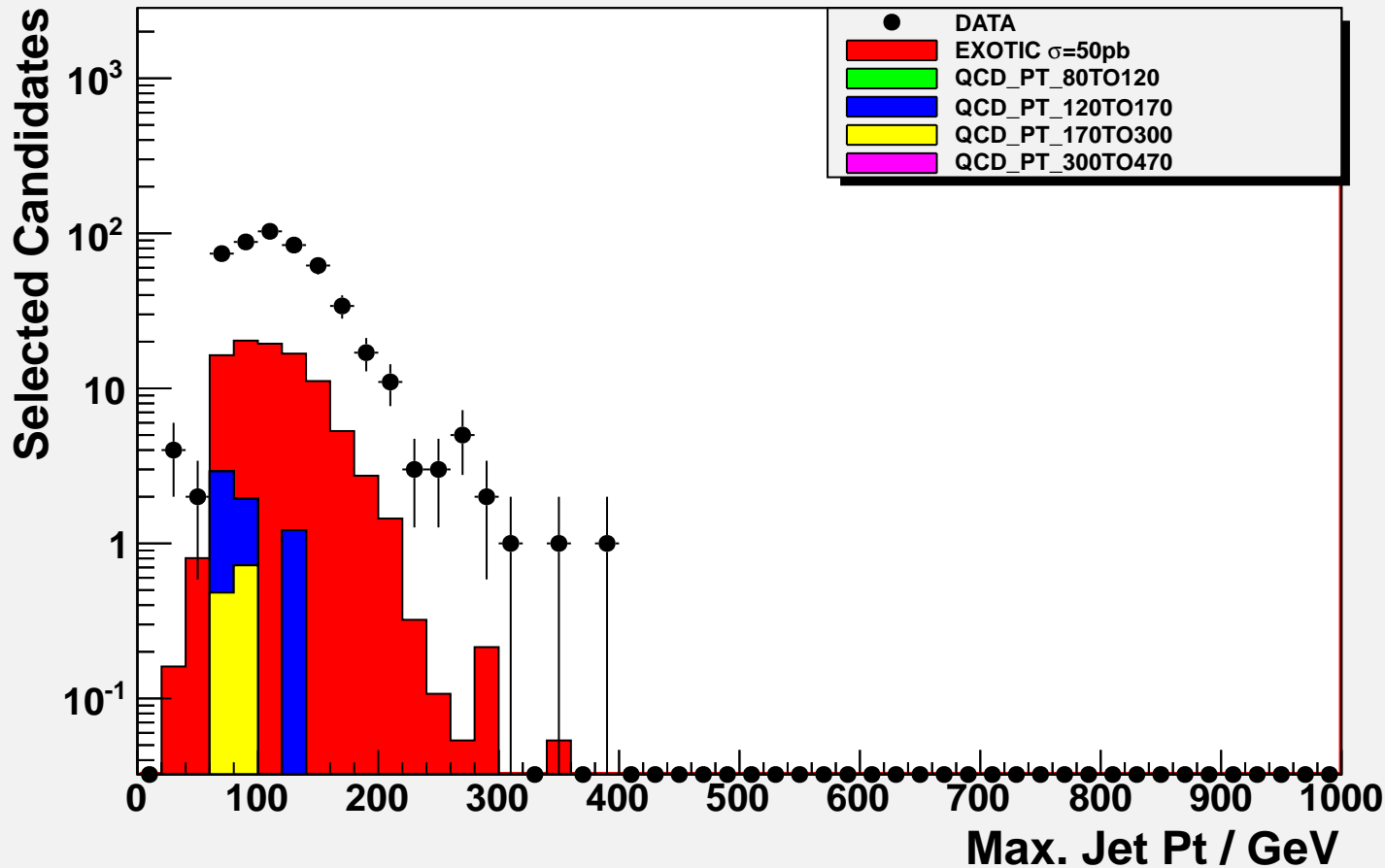
# Double\_Jet\_Cands



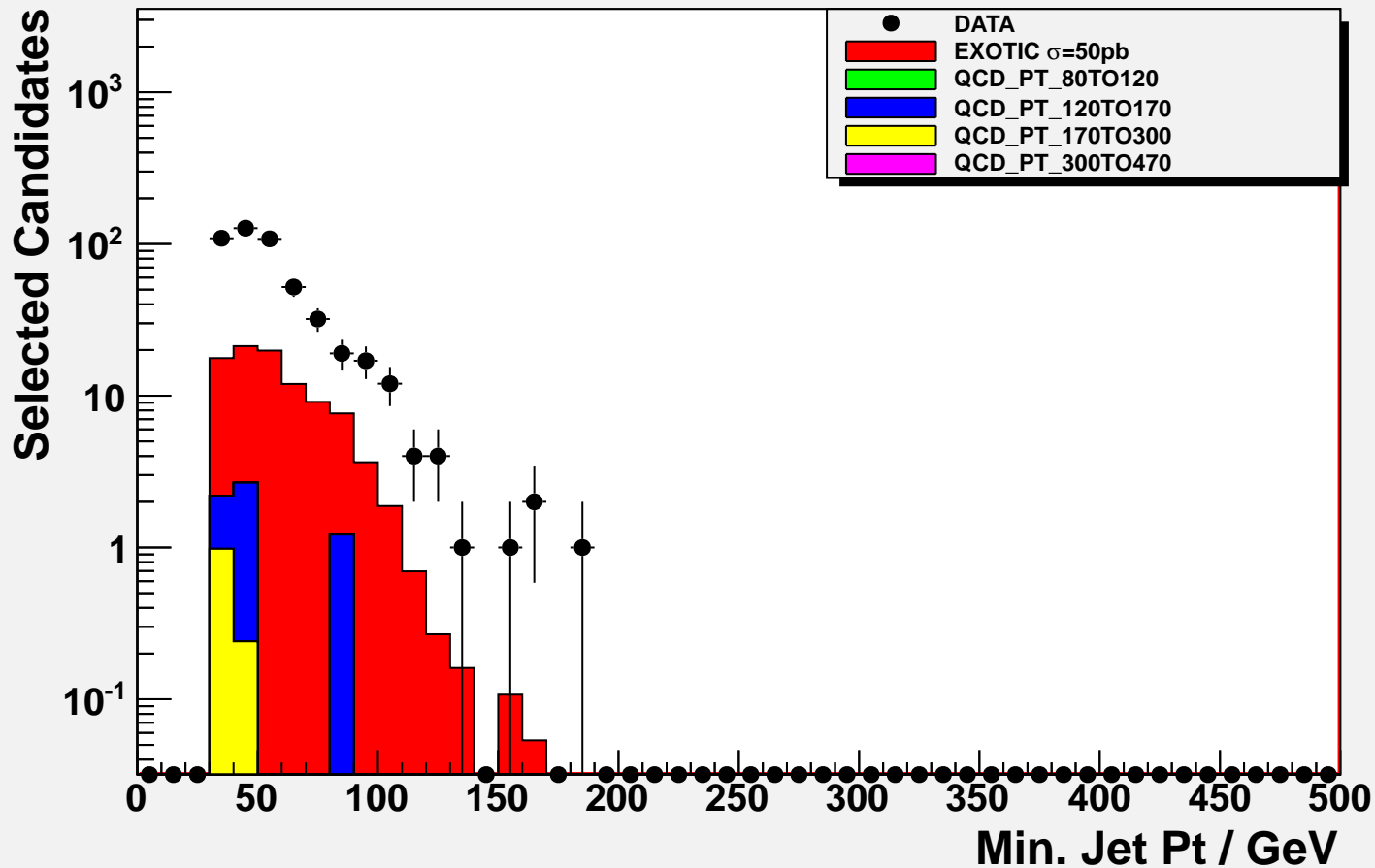
# Double\_Jet\_Cands



# Double\_Jet\_Cands

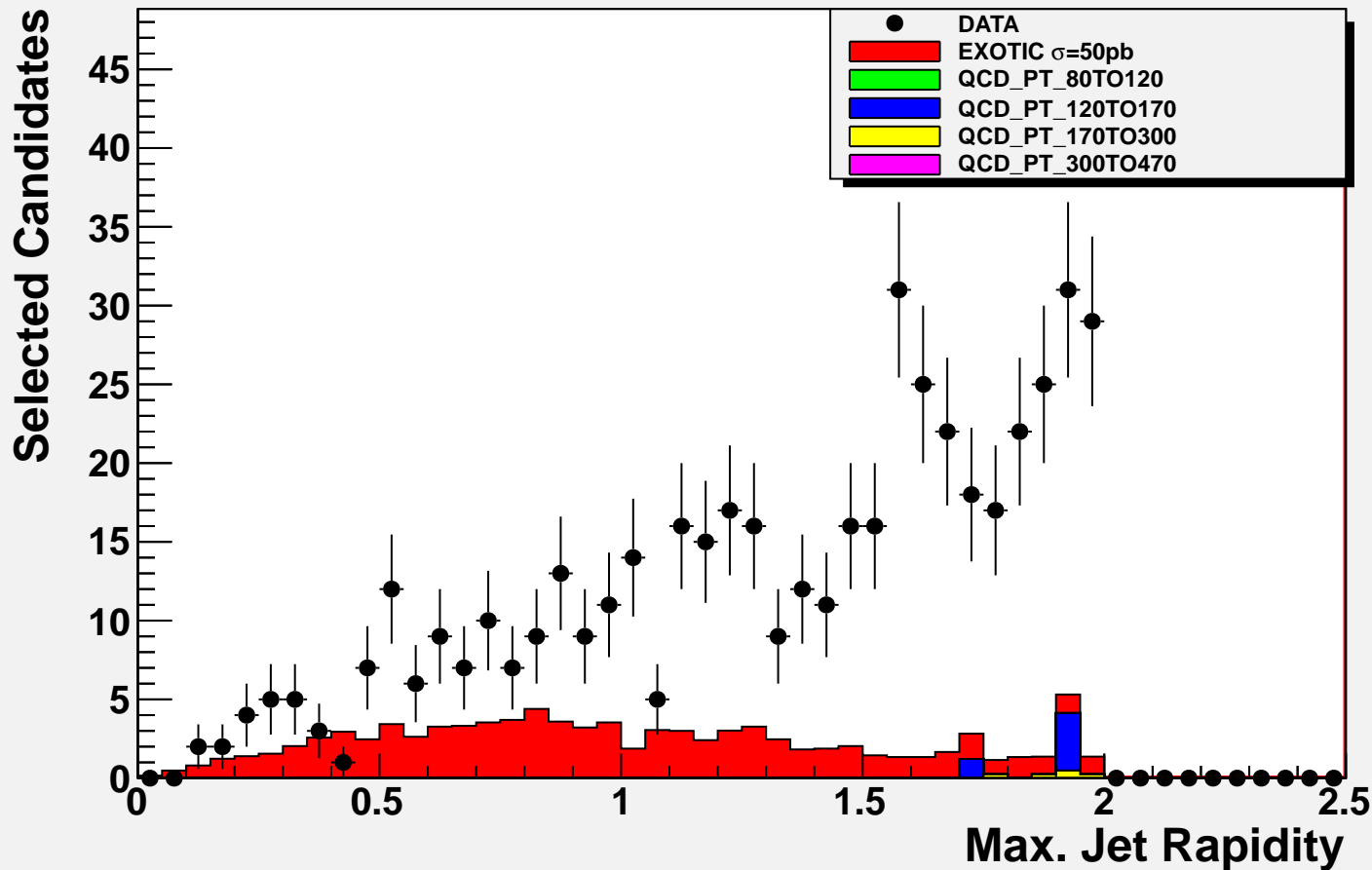


# Double\_Jet\_Cands

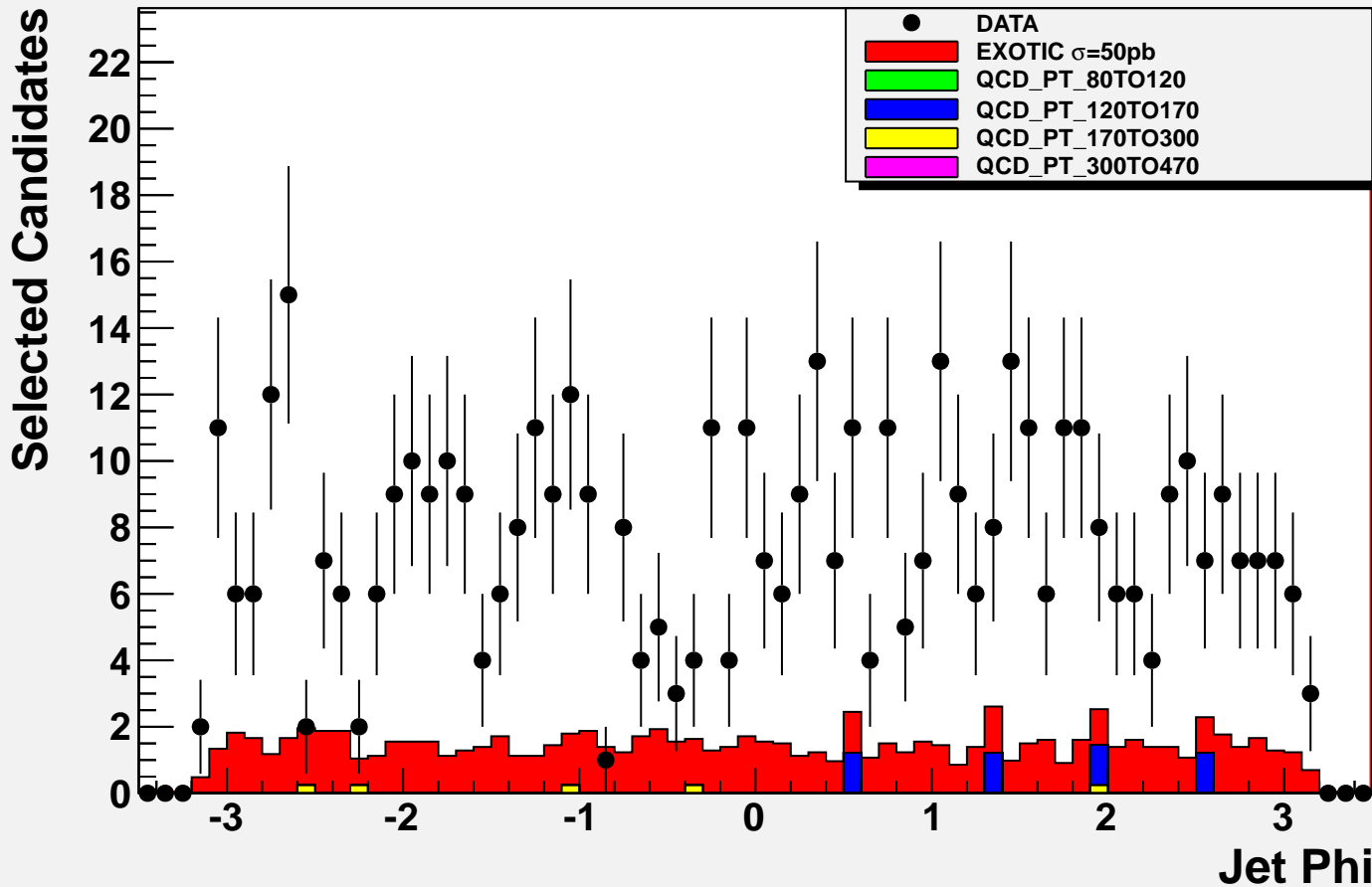




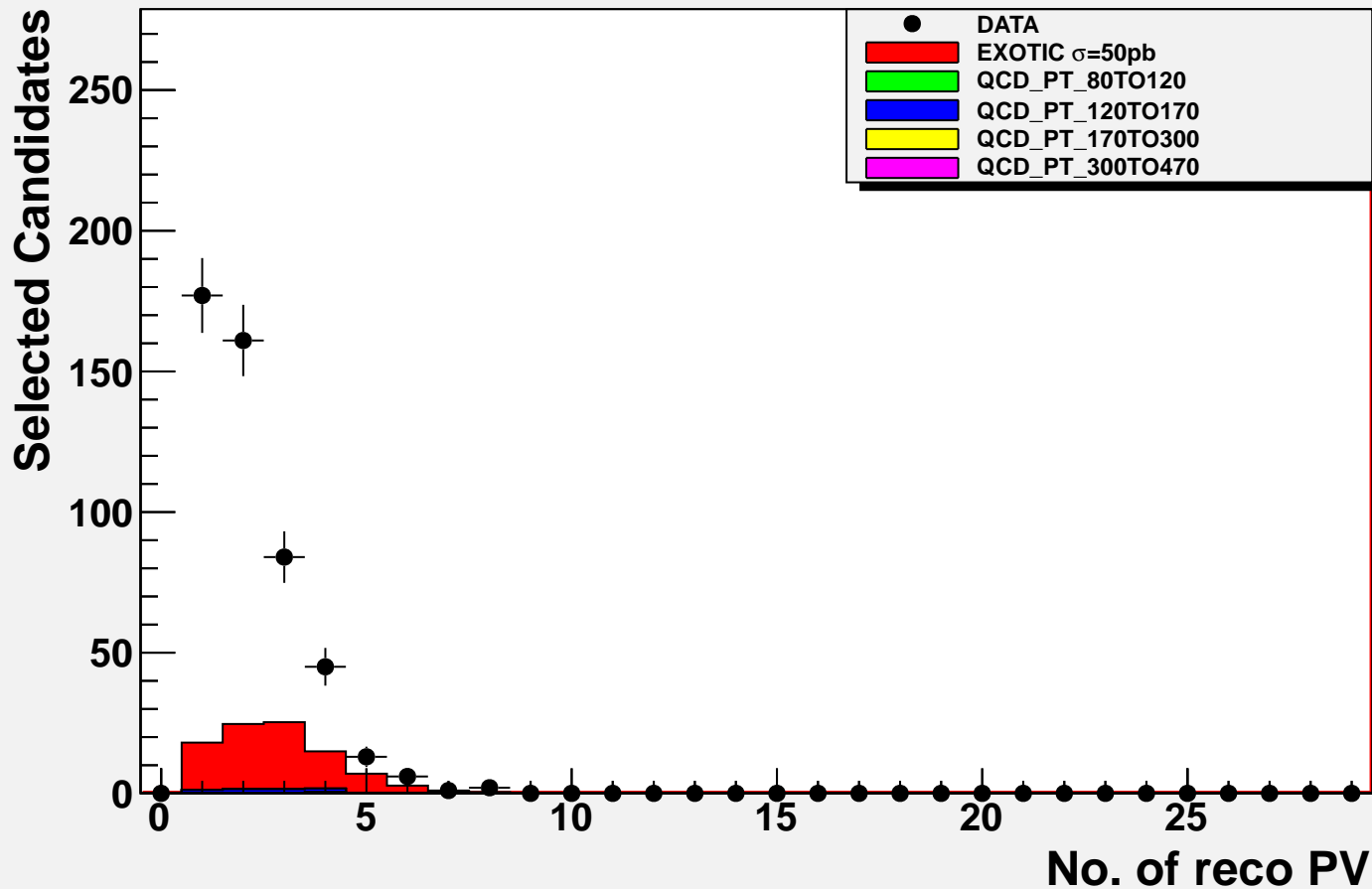
# Double\_Jet\_Cands



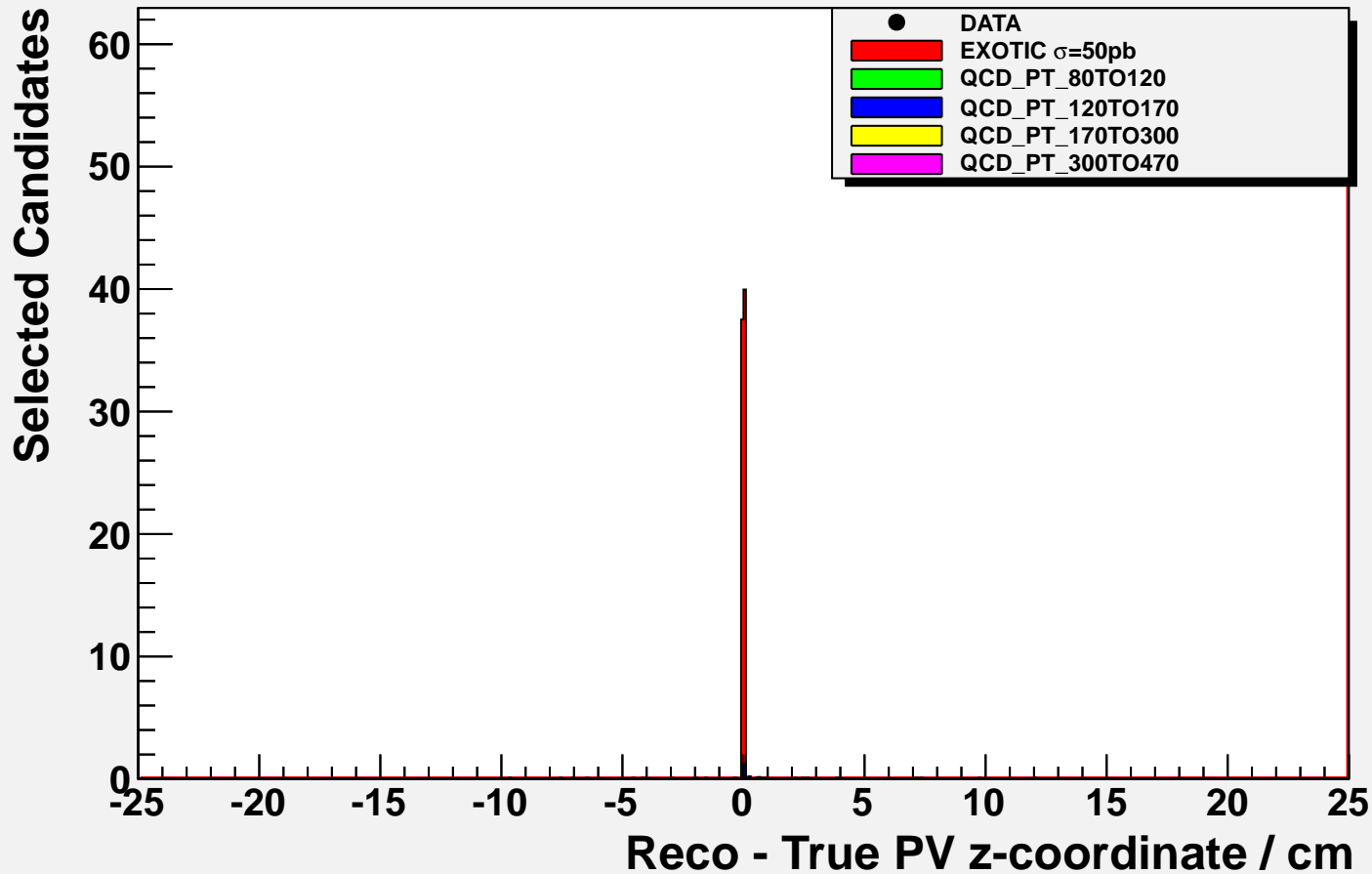
# Double\_Jet\_Cands



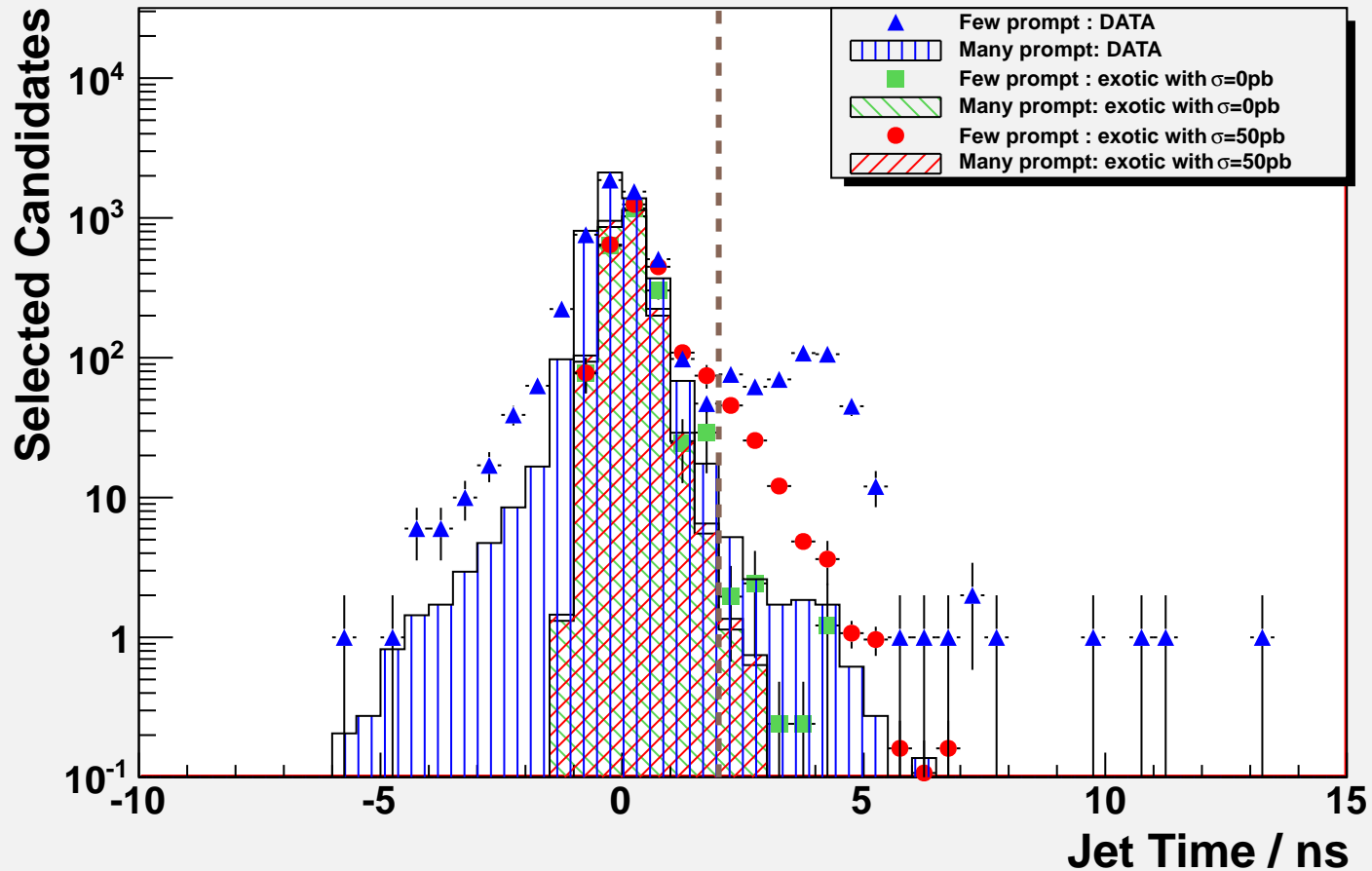
# Double\_Jet\_Cands



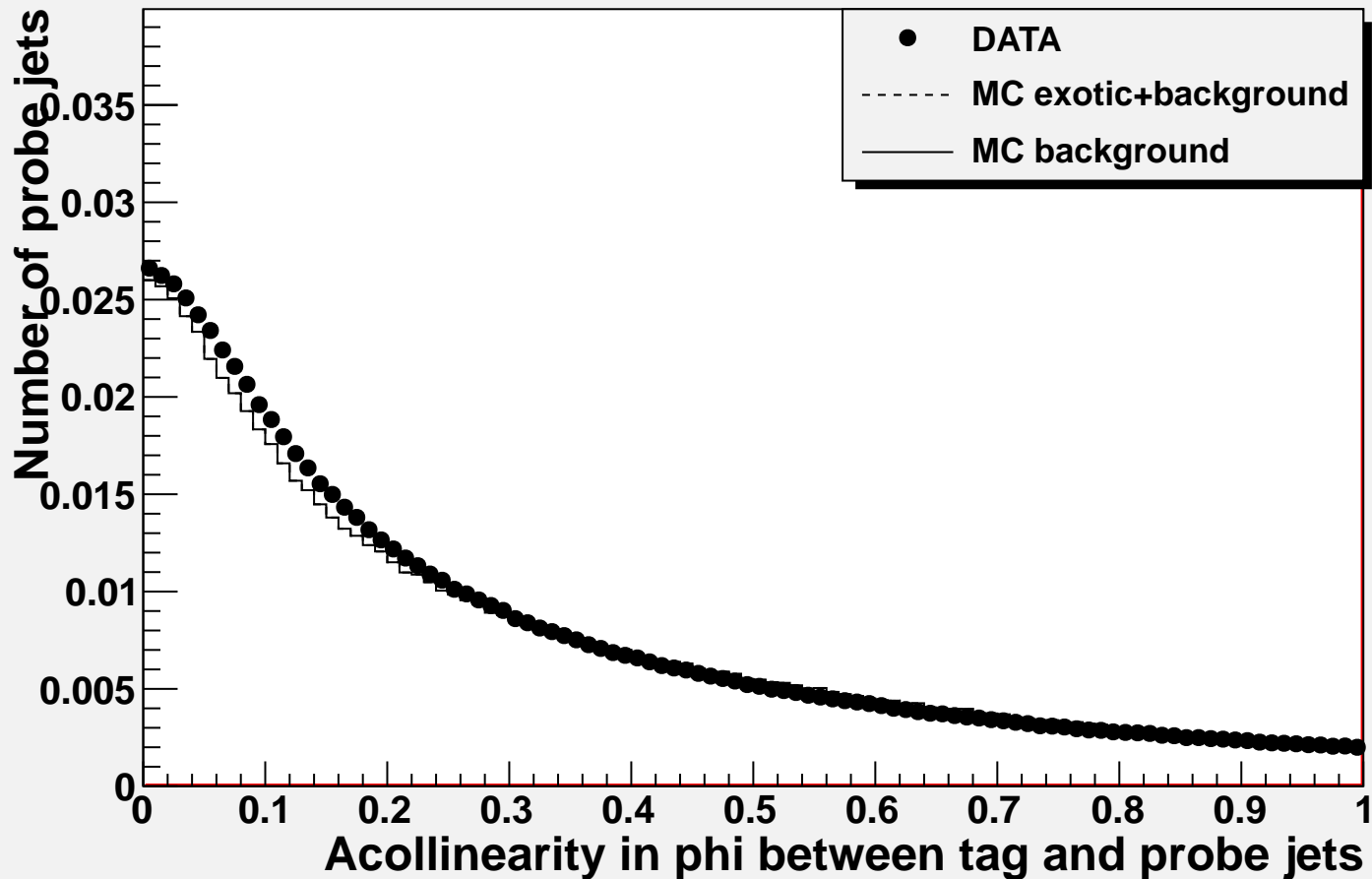
# Double\_Jet\_Cands



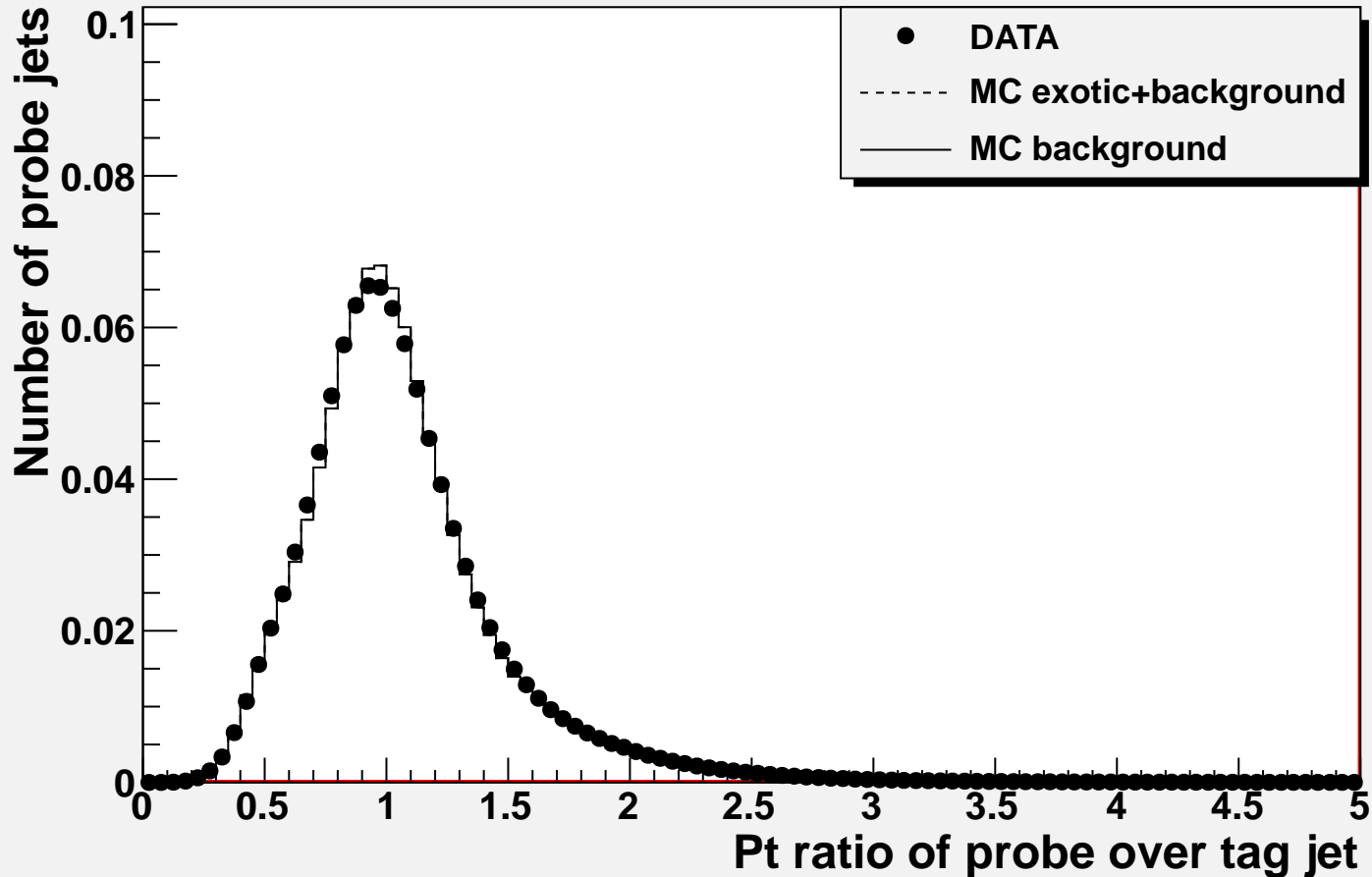
# Double\_Jet\_Cands ABCD Method: Few Prompt Jet Time



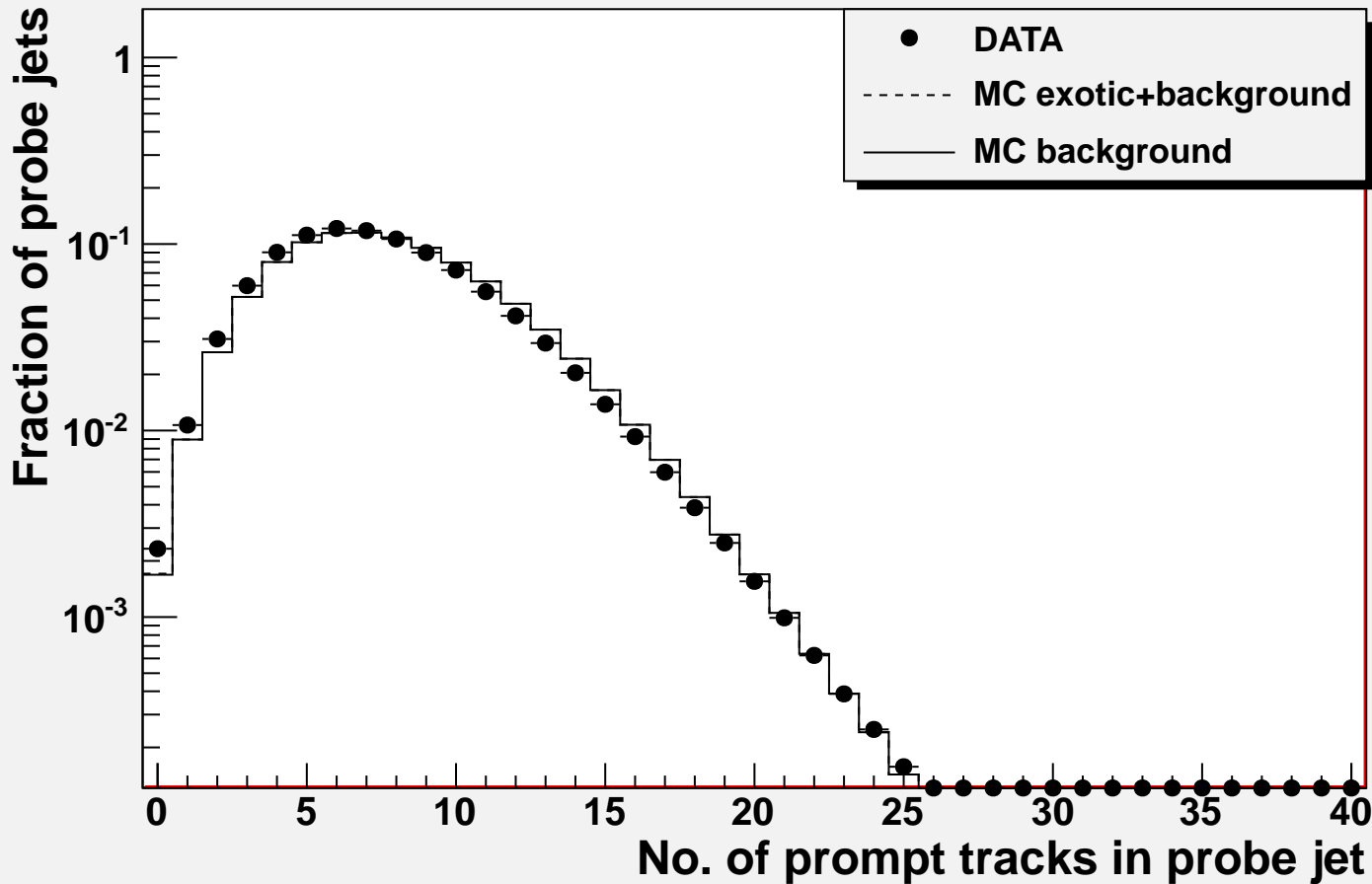
# Accollinearity in phi between tag and probe jets



# Pt ratio of probe over tag jets

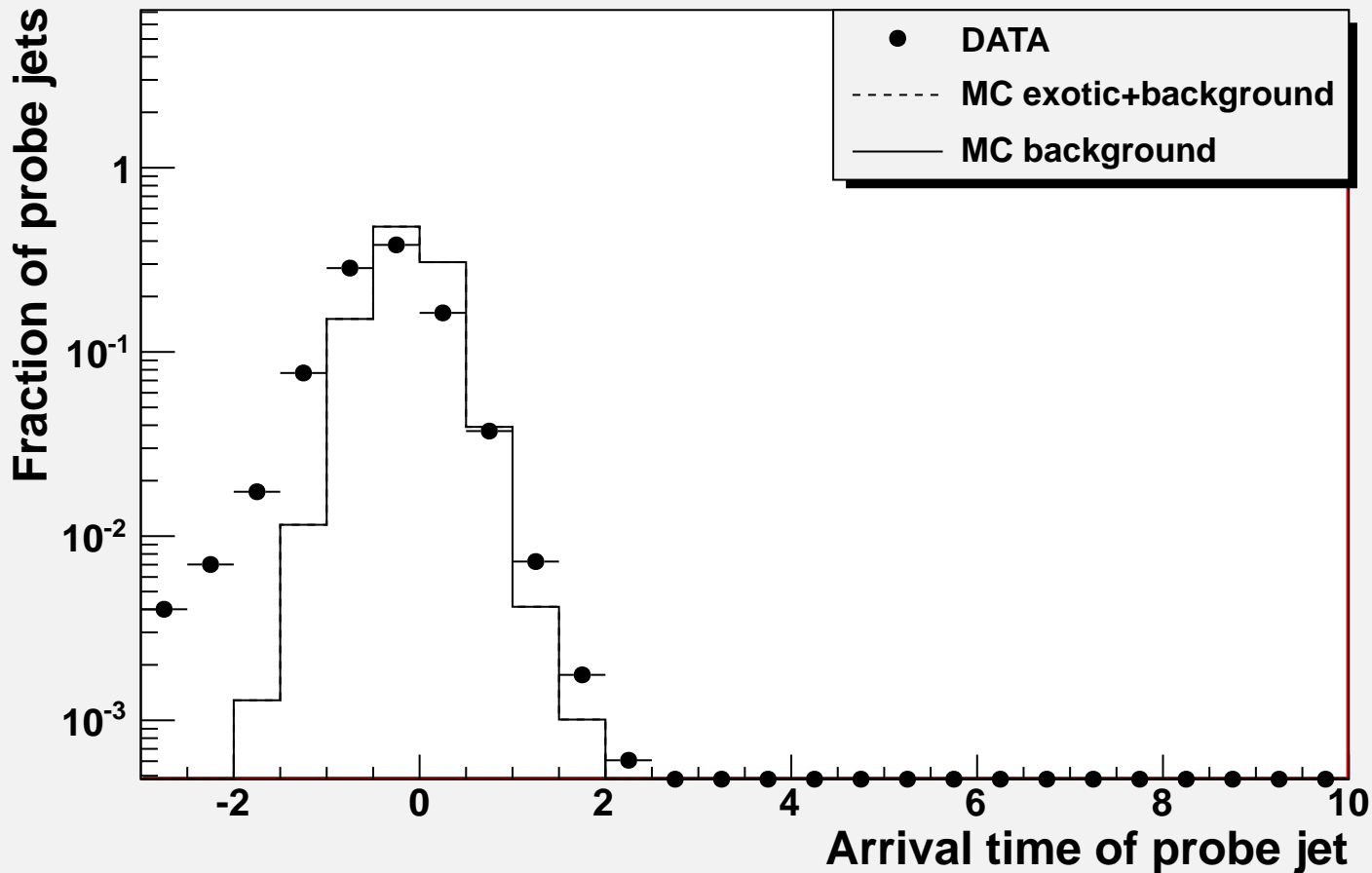


# No. of Prompt tracks in probe jet

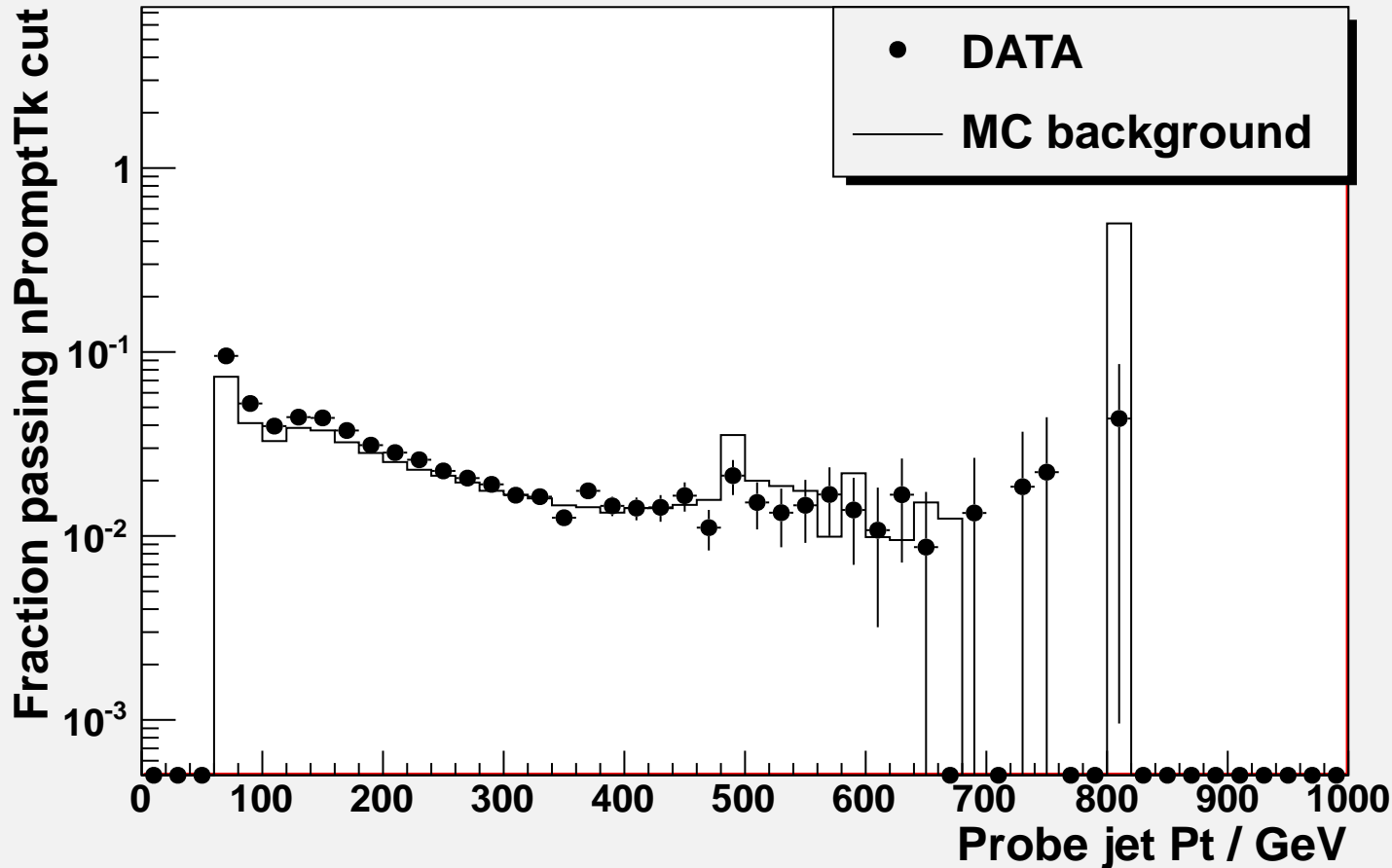




# Arrival time of probe jet



# Pt of probe jets passing nPromptTk cut



# Pt of probe jets passing jetTime cut

