

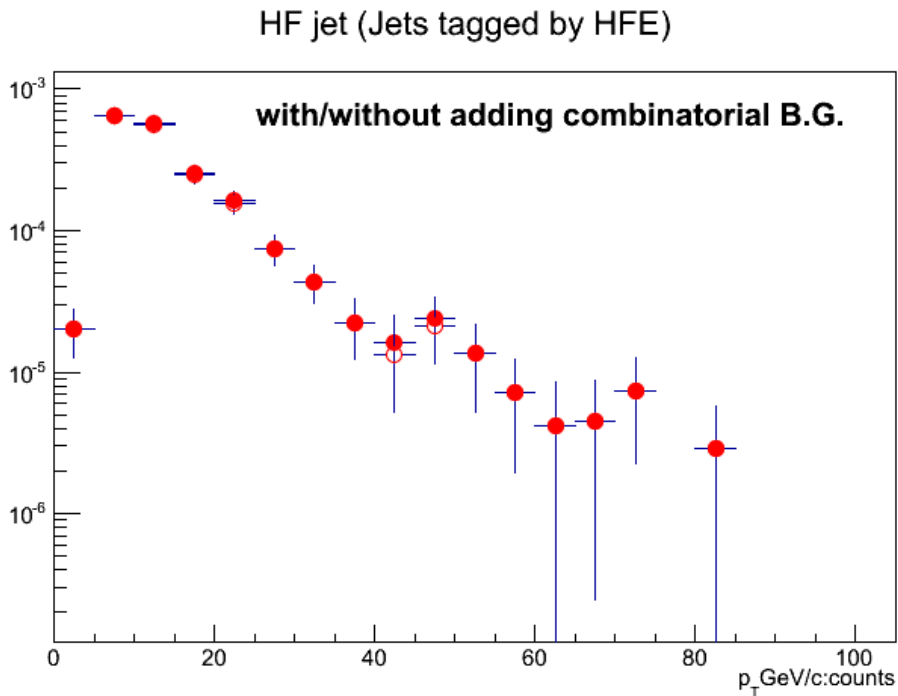
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Studied photonic background subtraction

- /Users/shingo/WRK/Dayana/2013/10/11
- changed cuts on photonic reconstruction
- Adding combinatorial background

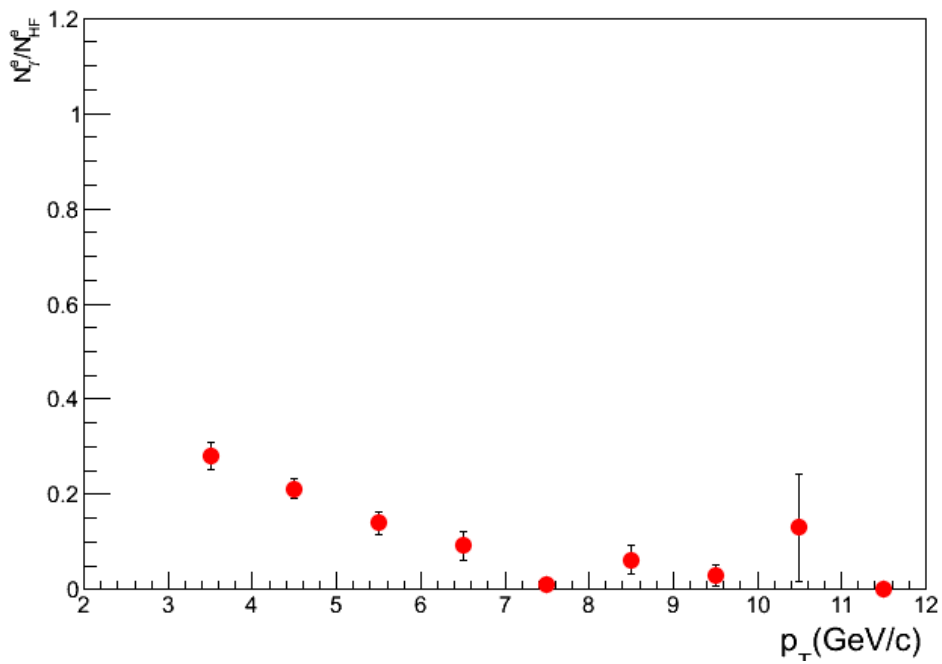
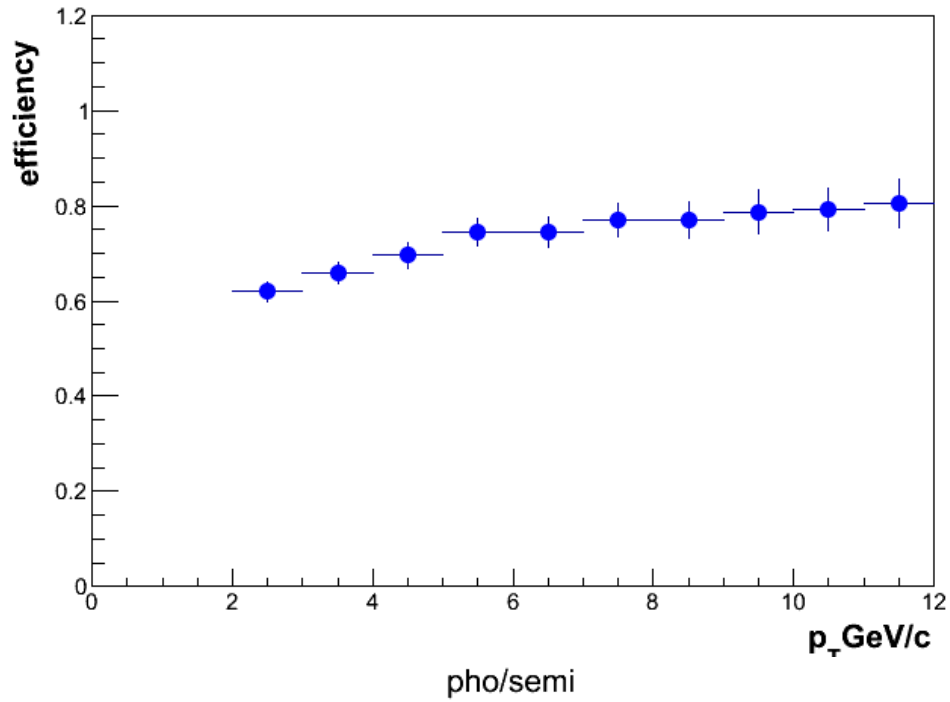
effect on adding combinatorial



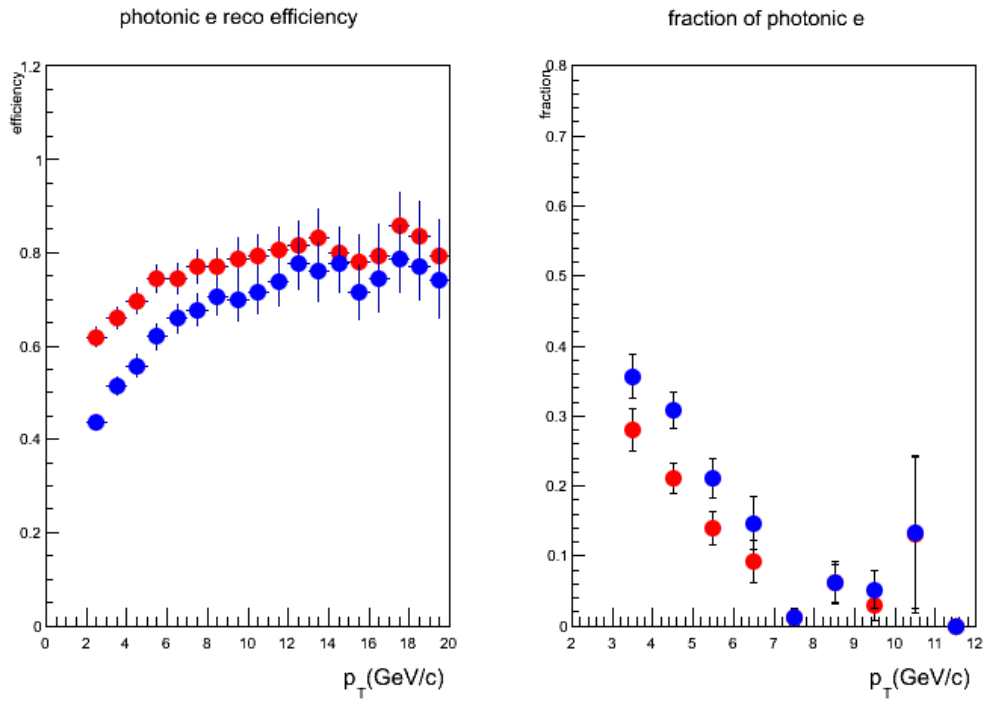
associate $p_T > 0.1 \text{ GeV/c}$

efficiency and contamination

MC Pho-inclusive electron pt with $\pi^0 \rightarrow e$ projection

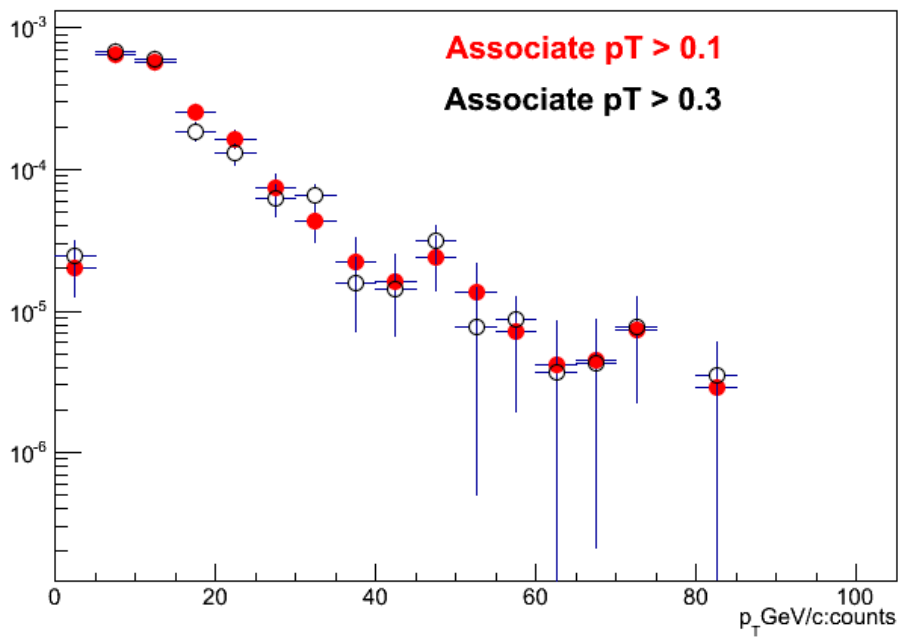


efficiency and contamination comparison

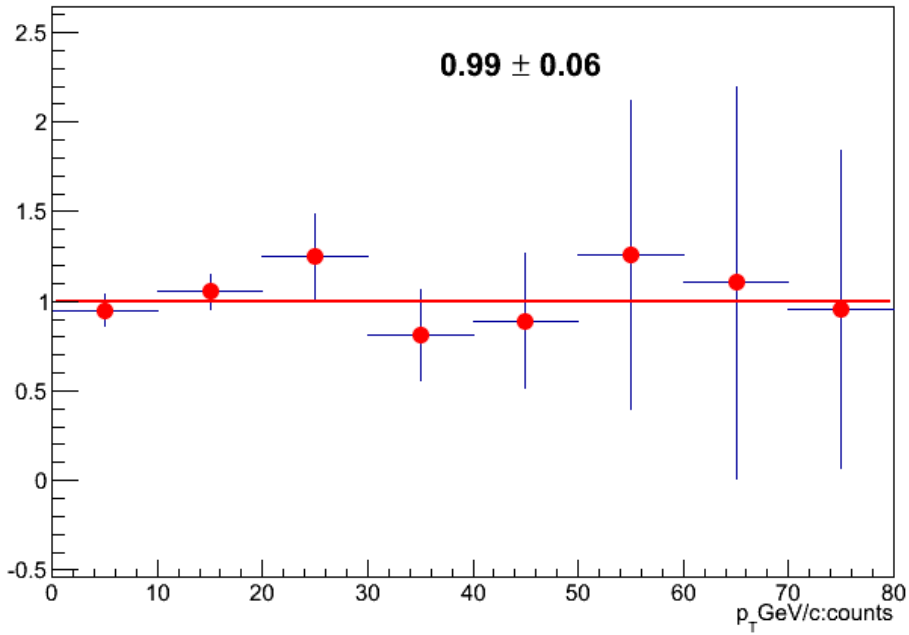


HF jets comparison

HF jet (Jets tagged by HFE)



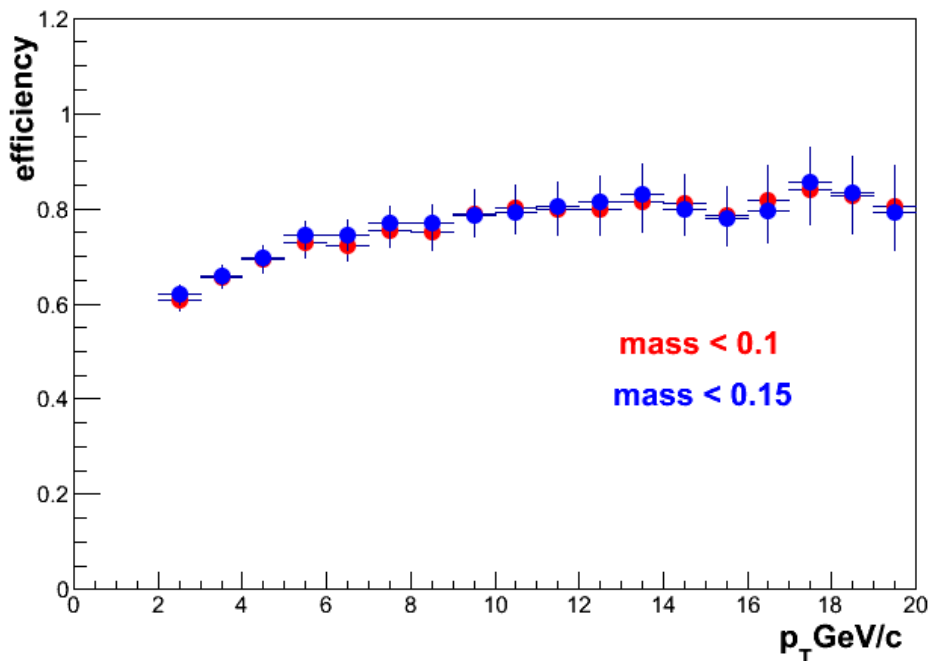
HF jet (Jets tagged by HFE)



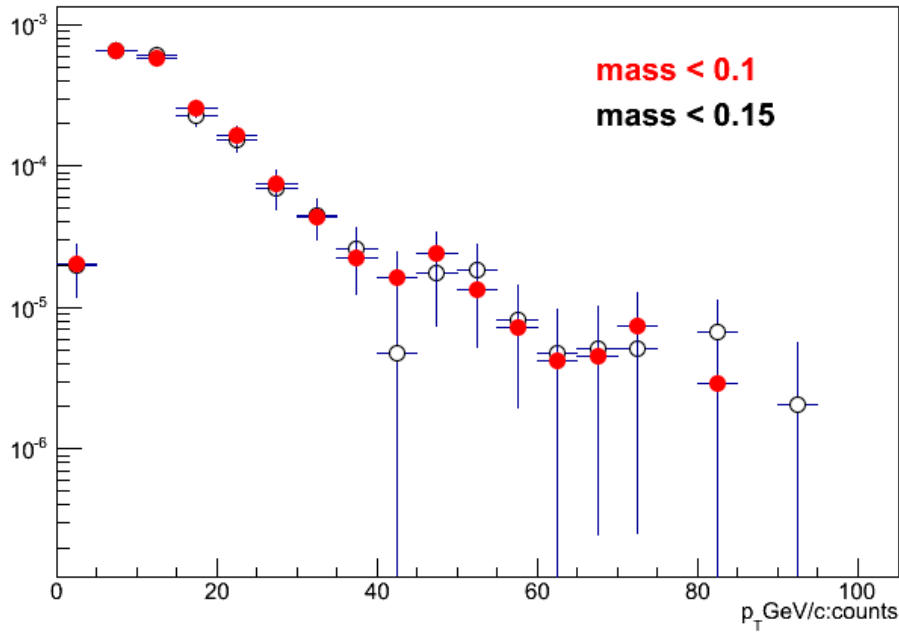
associate $p_T > 0.1$ GeV/c & mass < 0.15

- reference: mass < 0.1 & associate $p_T > 0.1$

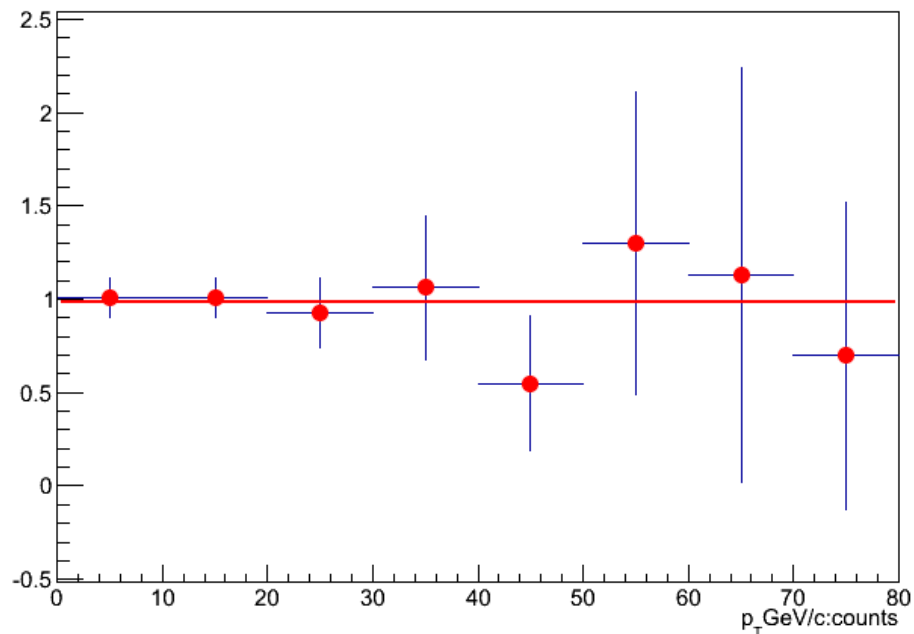
photonic efficiency



HF jet (Jets tagged by HFE)



HF jet (Jets tagged by HFE)



This topic: Main > 10142013: Systematic Check On Photonic Subtraction
 Topic revision: r3 - 2013-10-17 - Shingo Sakai



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