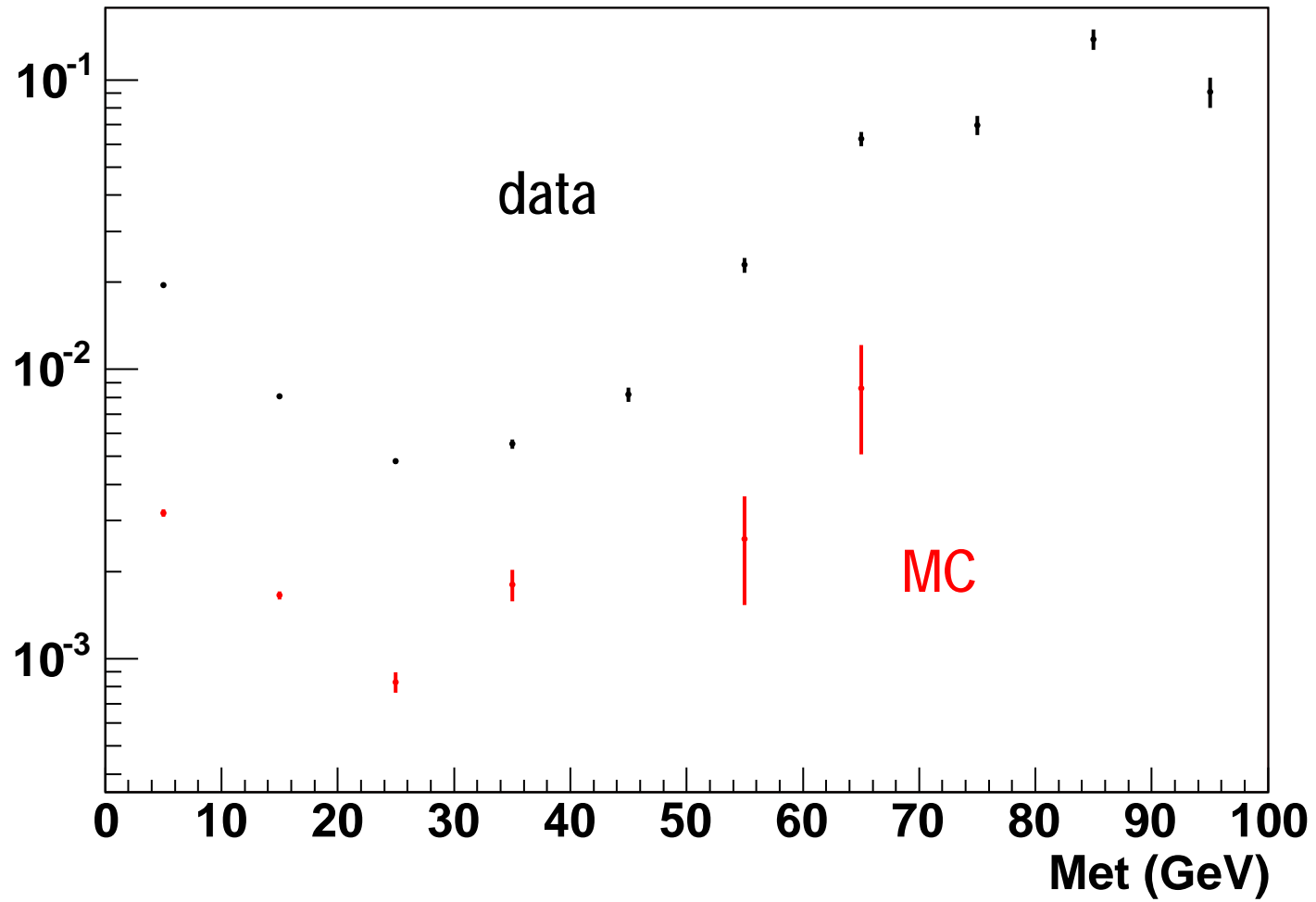


-
- To know there are bias for $W_{\text{mass}}(<30\text{GeV})$ $\text{Met}(<30\text{GeV})$ cut, I estimate fake ratio using JET50 data and Pythia dijet MC(jet energy higher than 40GeV)
 - There are bunch of comparison plot as a function of Met or W_{mass} for different lepton type(and also E_{tbin})

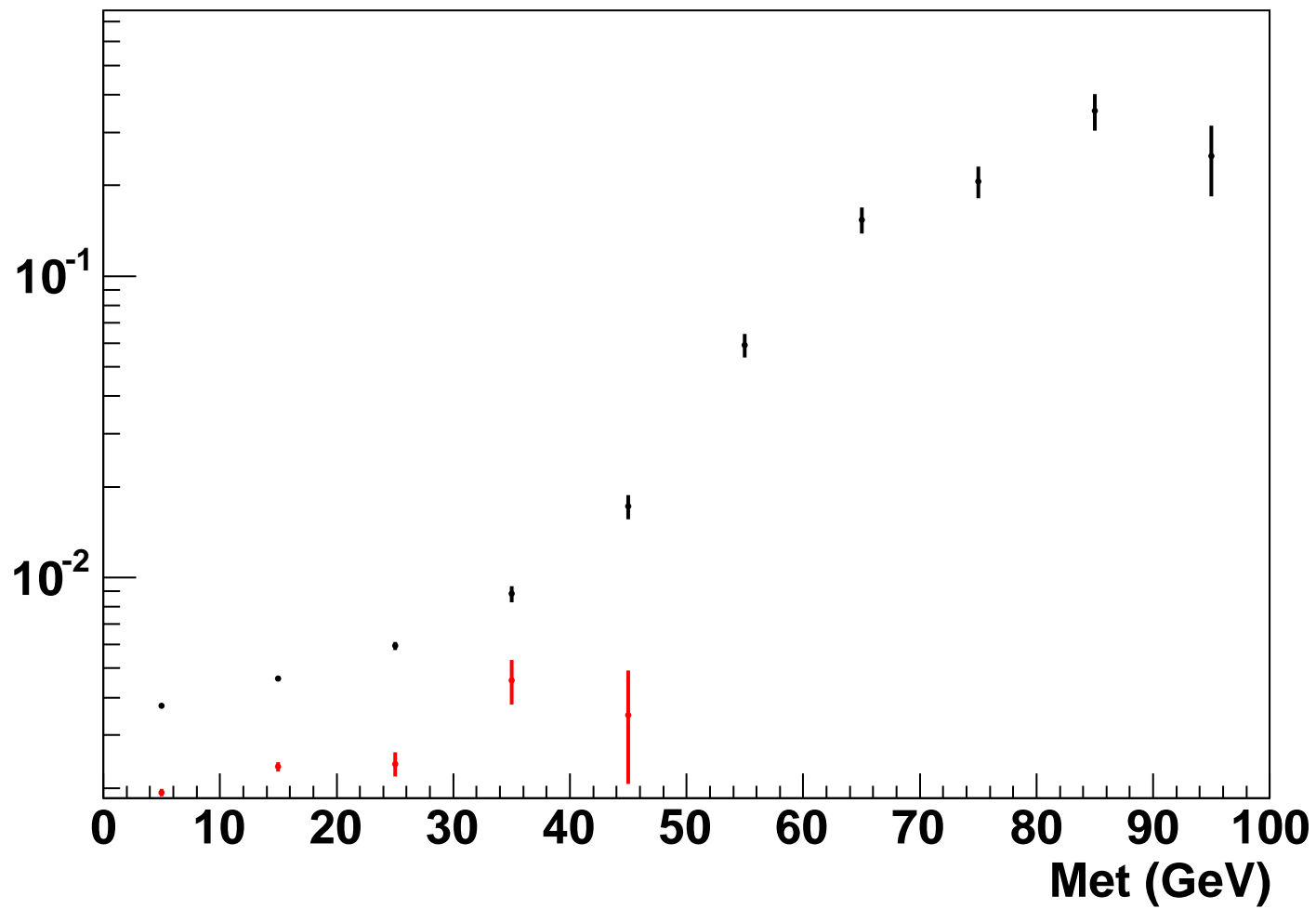
Fake ratio CEM

CEM



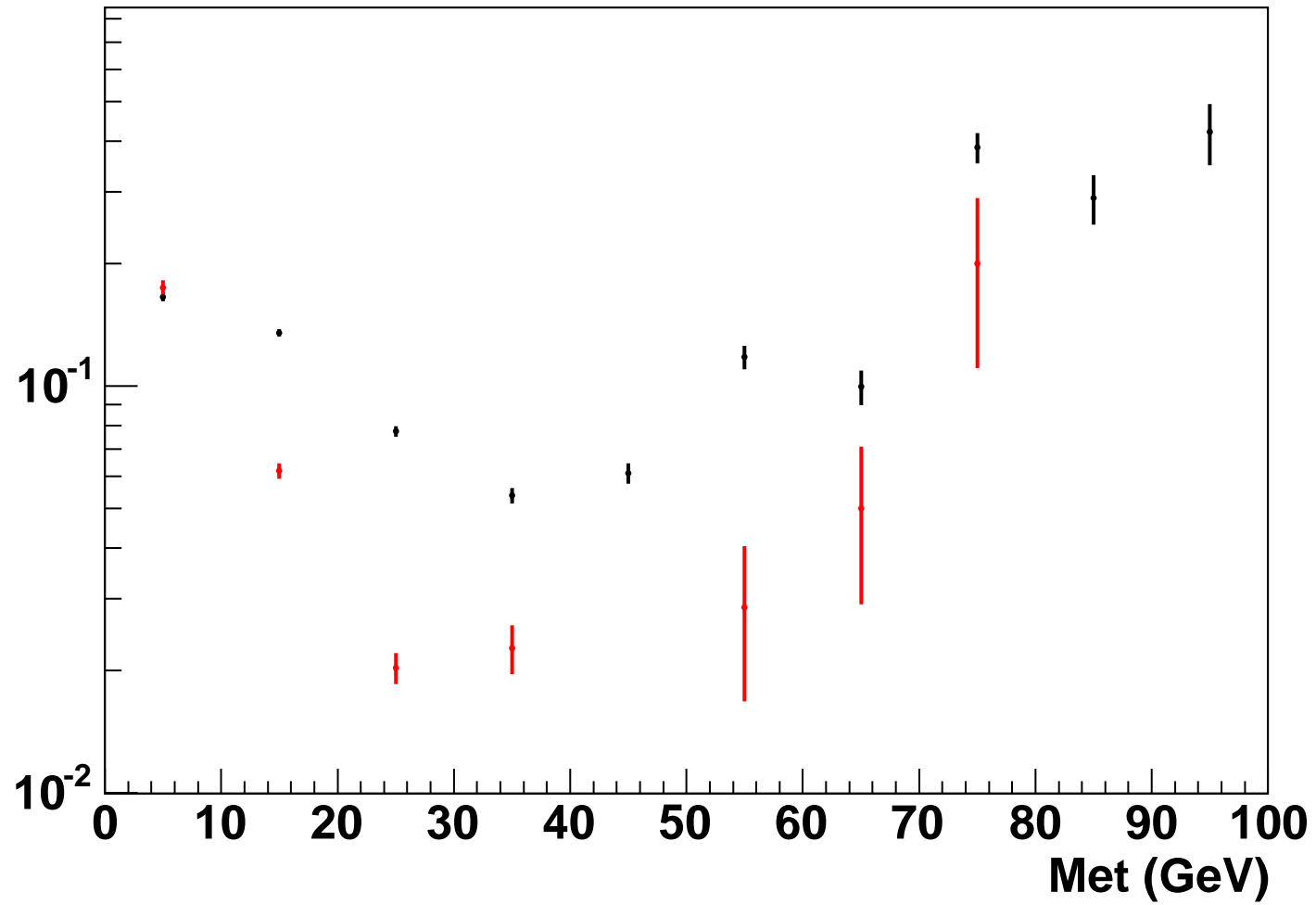
PHX

PHX



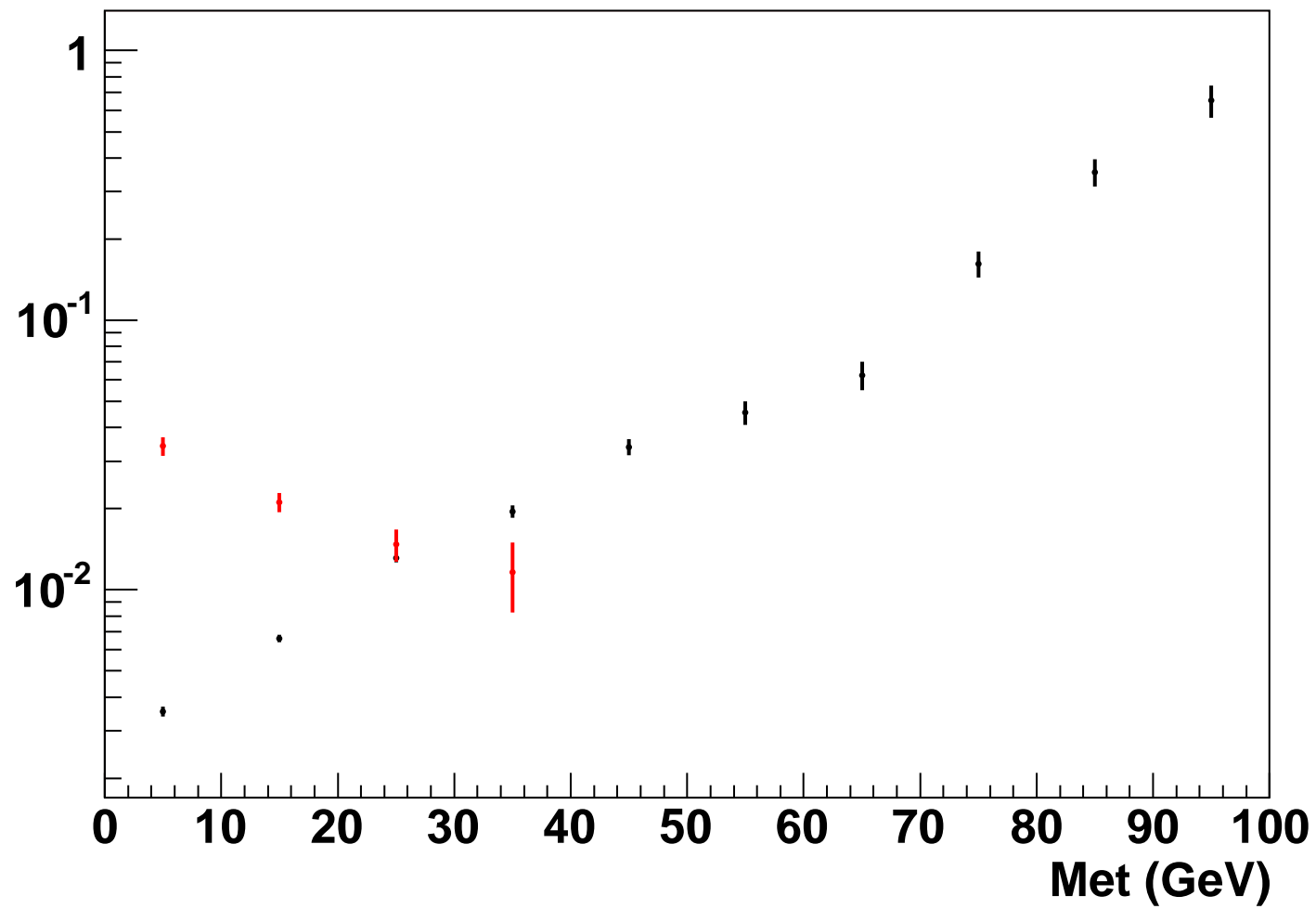
CMUP

CMUP



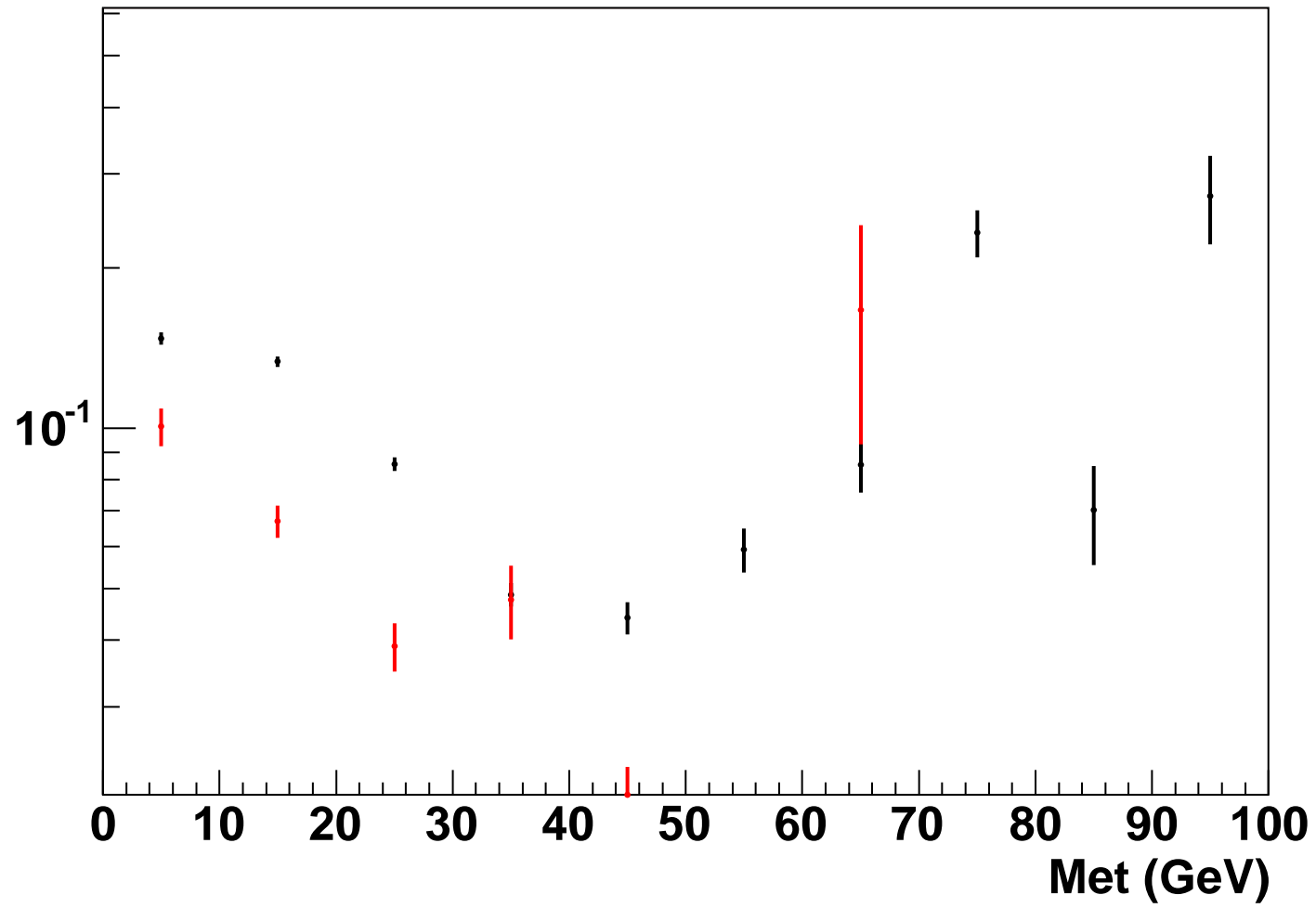
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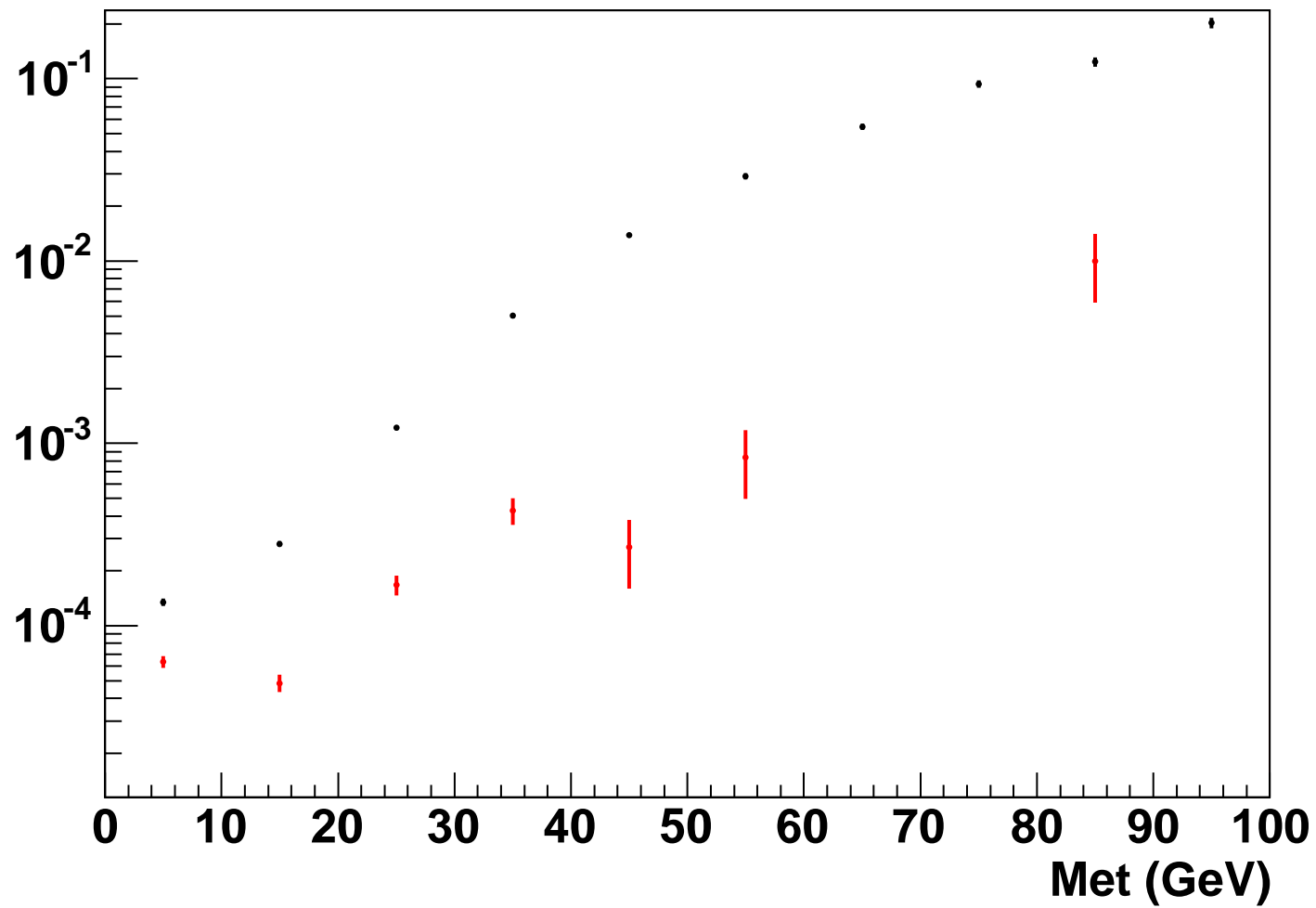
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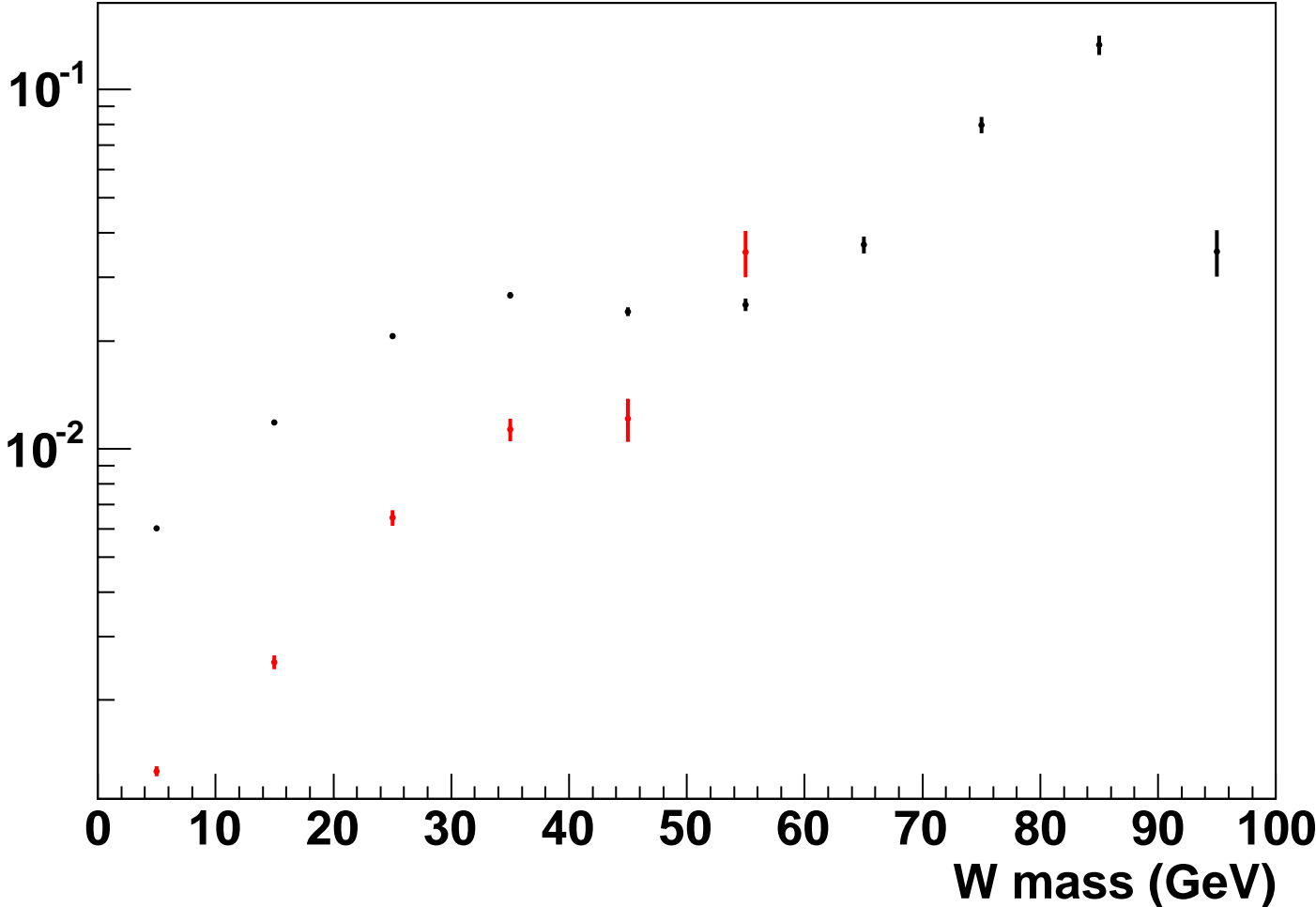
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CMIO



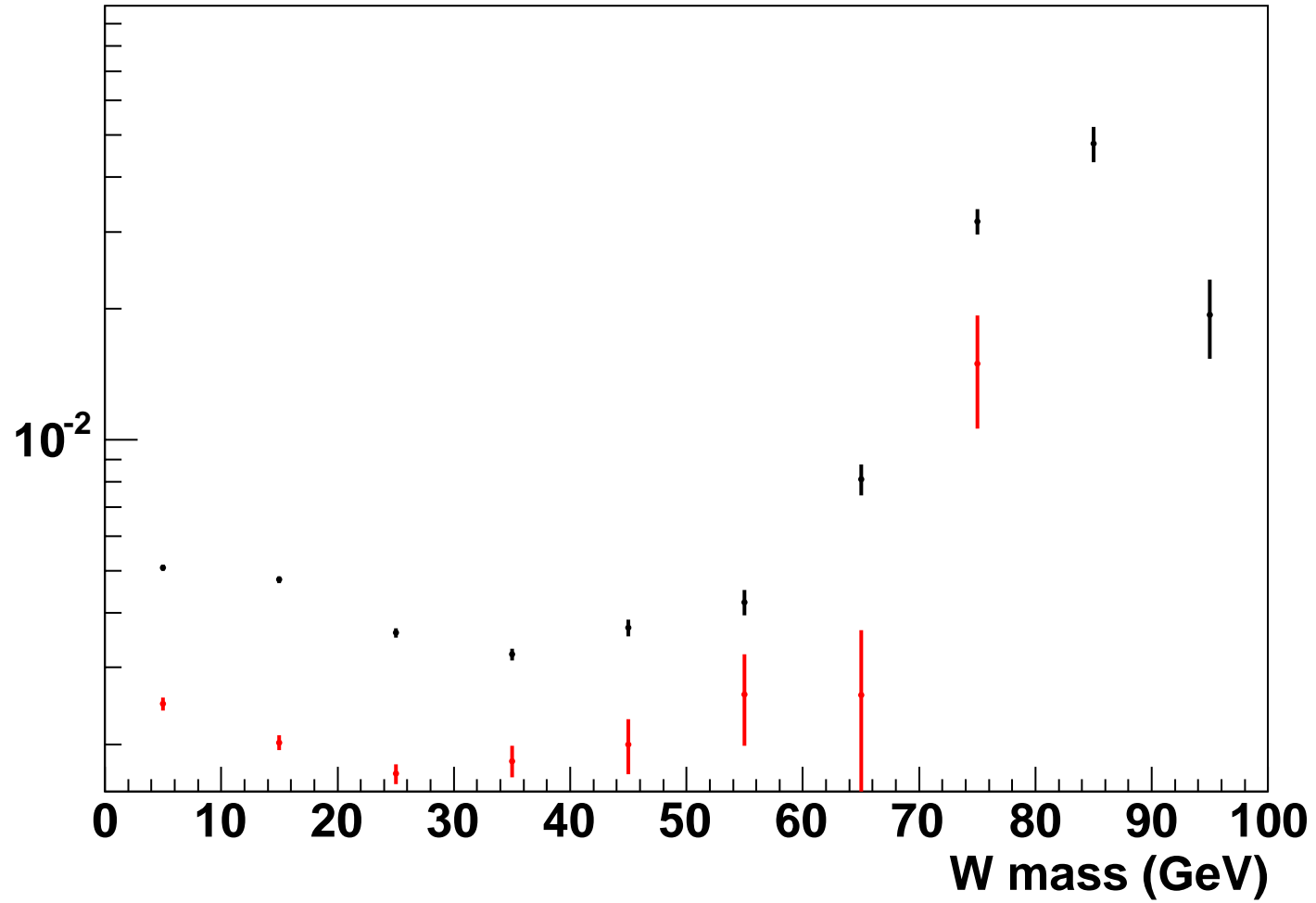
CEM Wmass

CEM



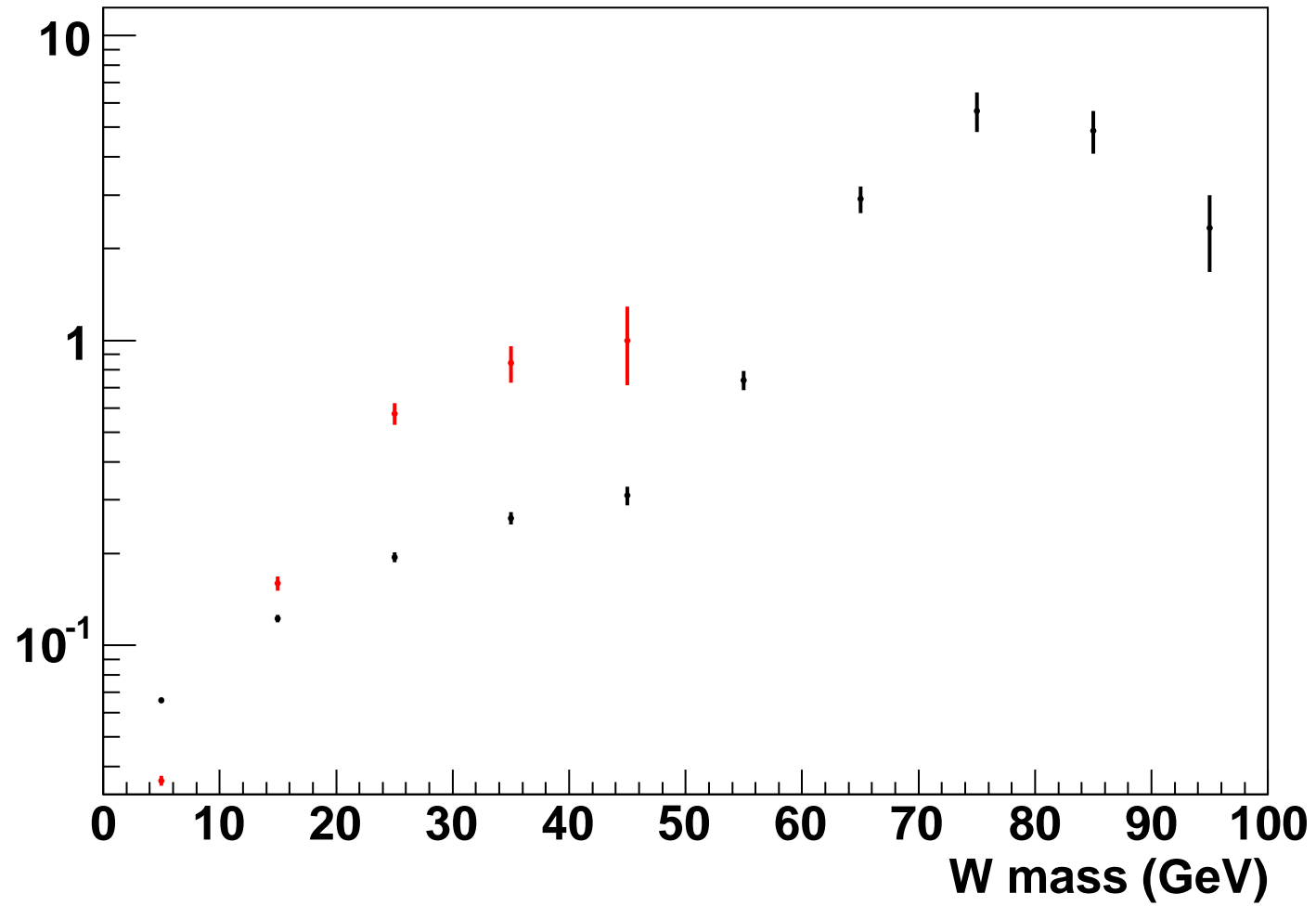
phx

PHX



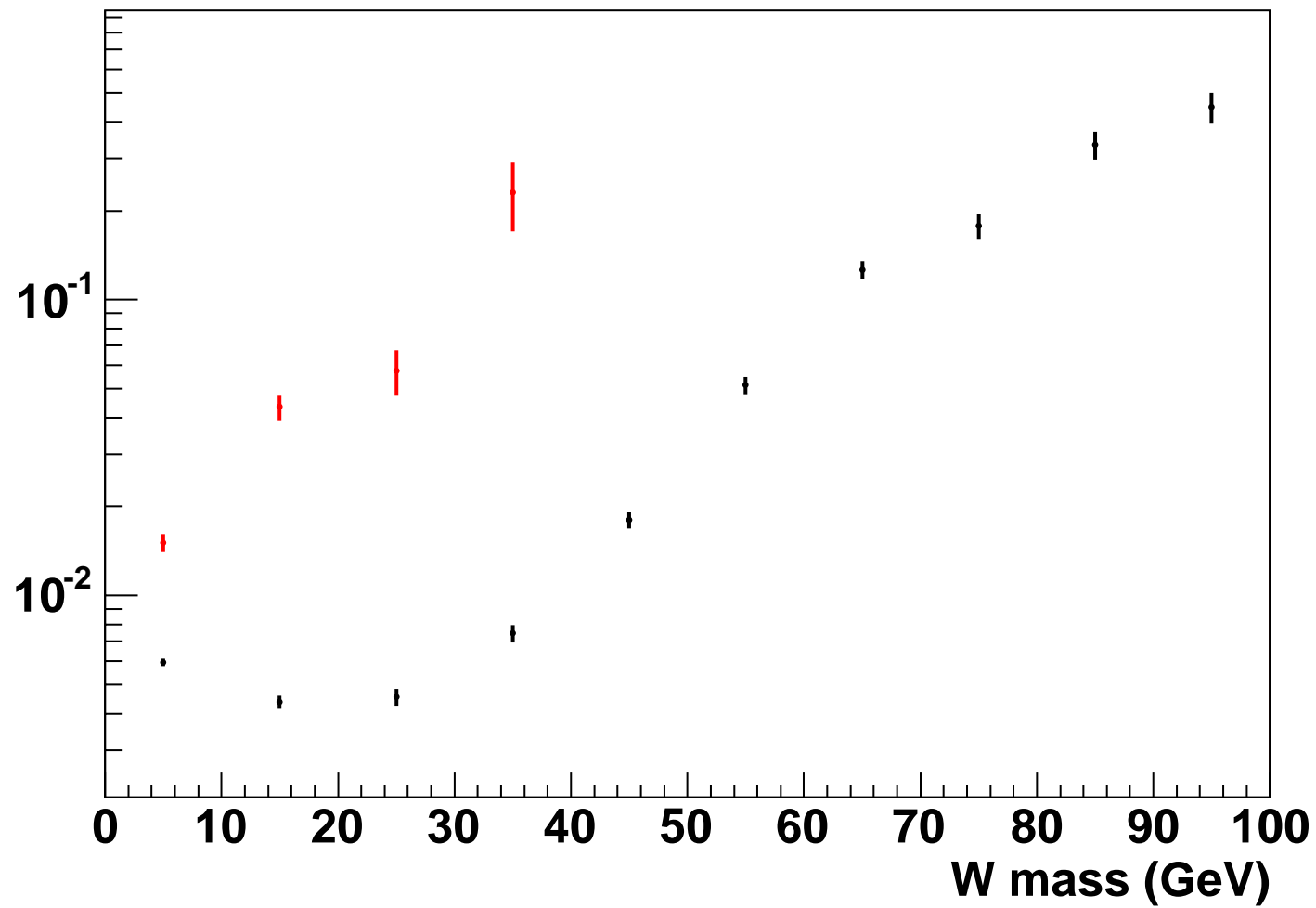
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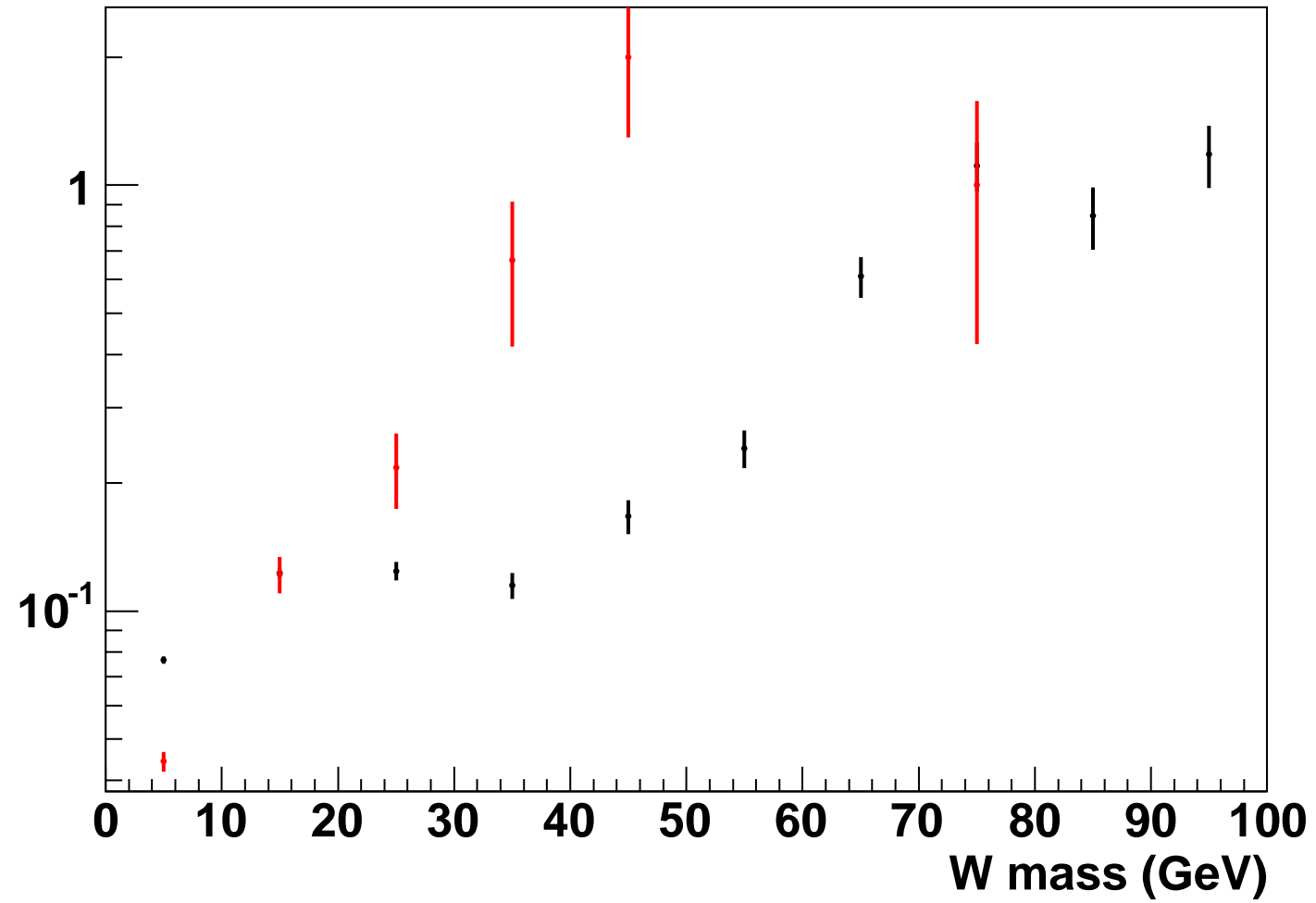
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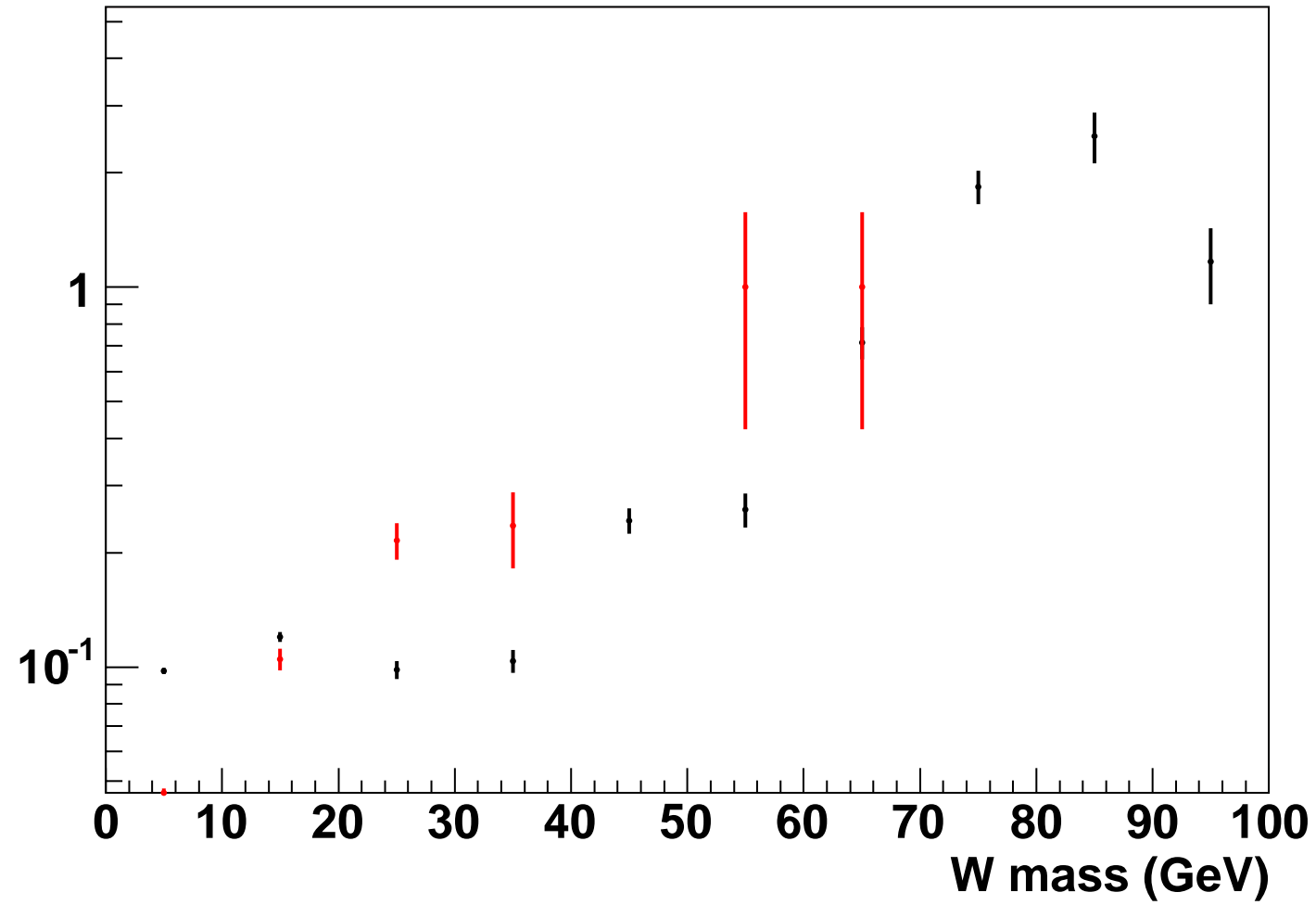
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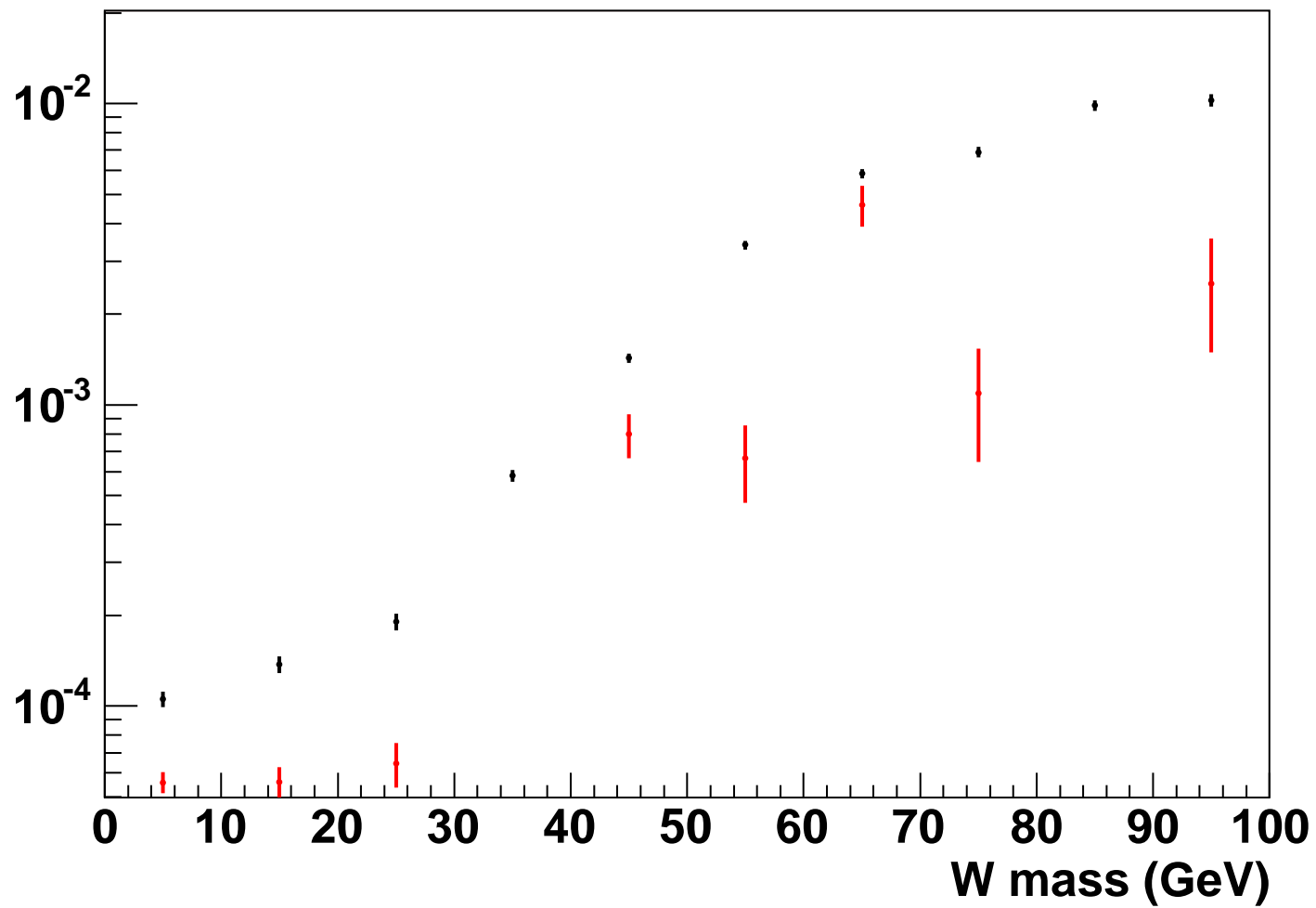
CMX

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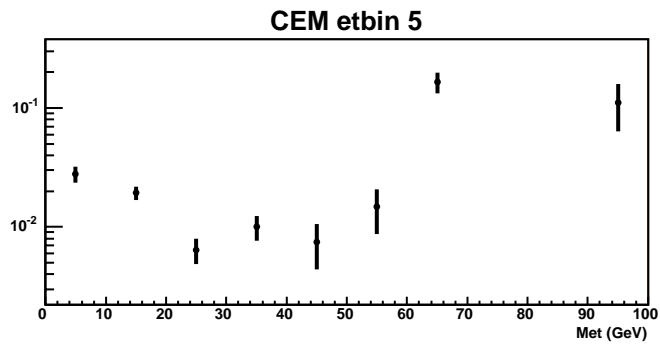
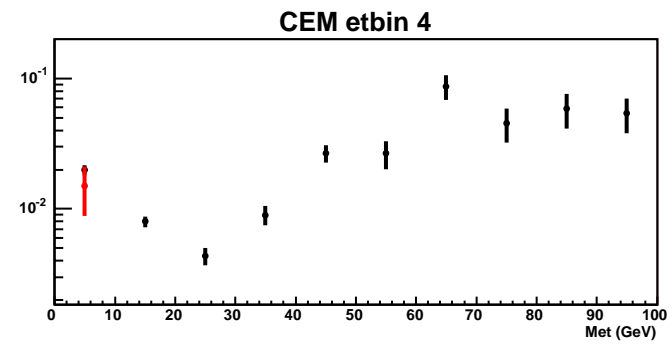
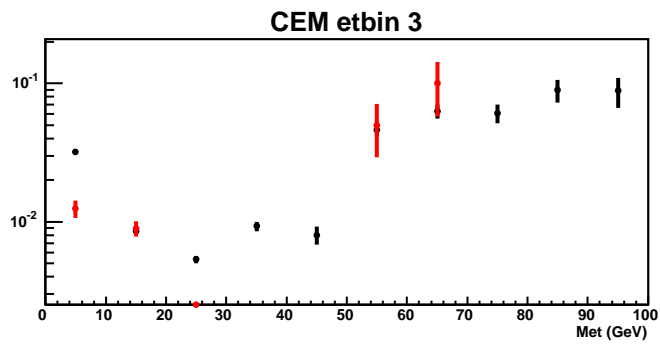
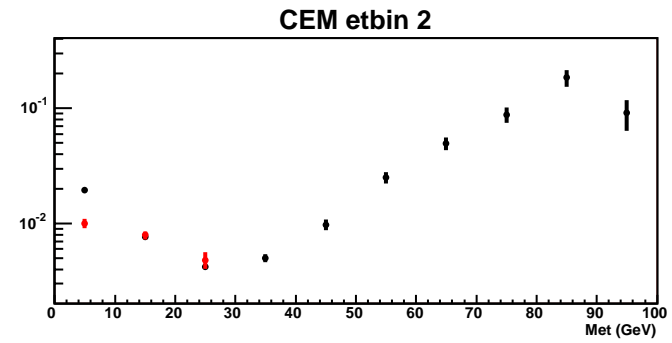
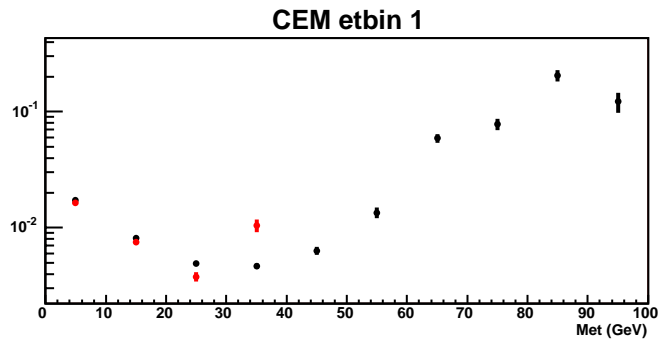


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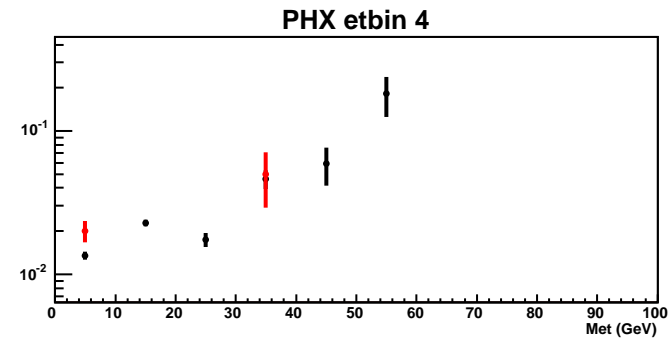
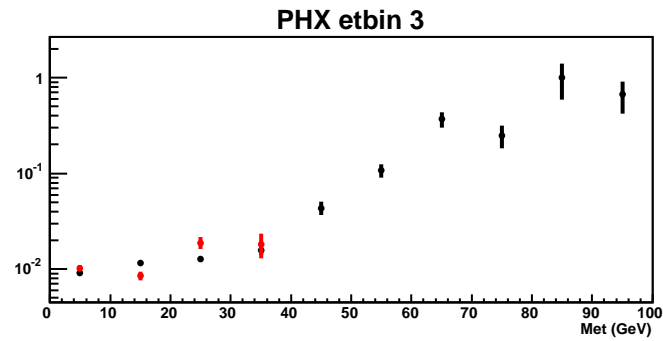
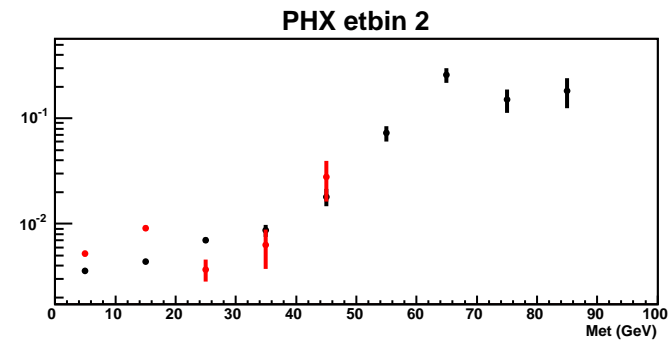
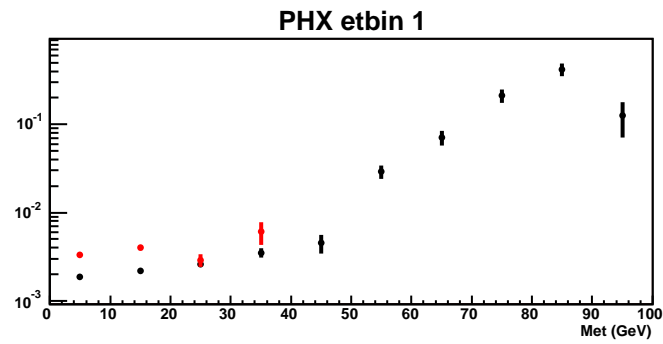
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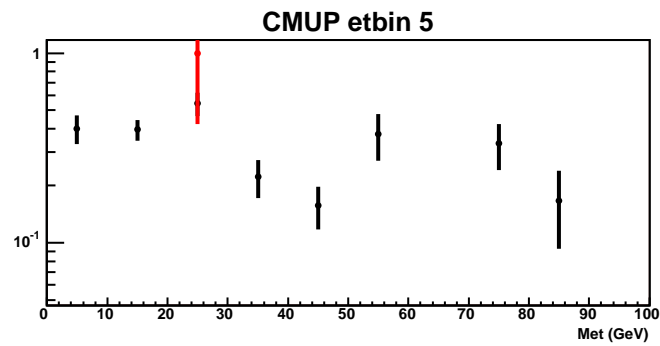
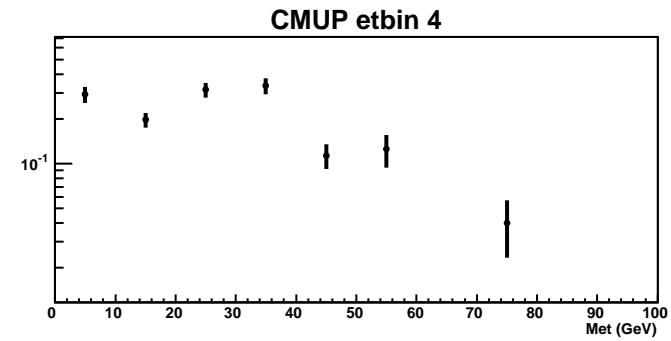
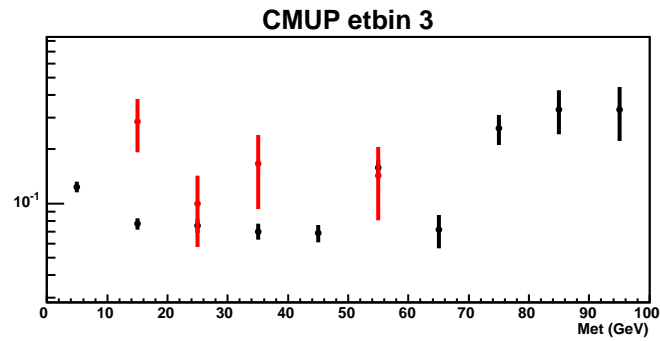
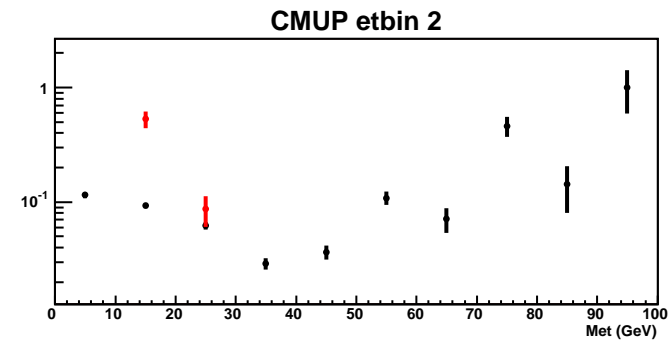
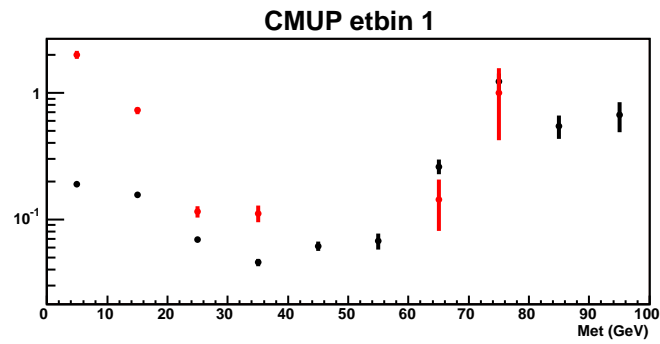
CEM Met (Et bin)



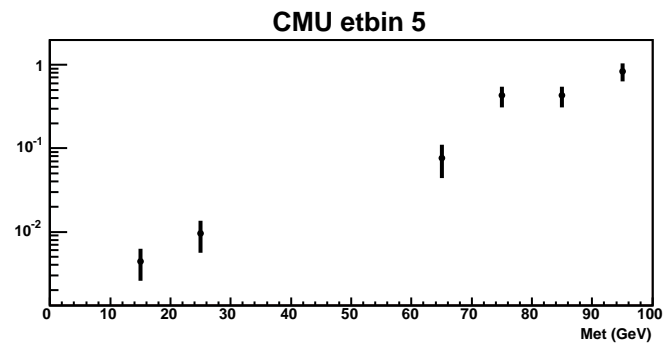
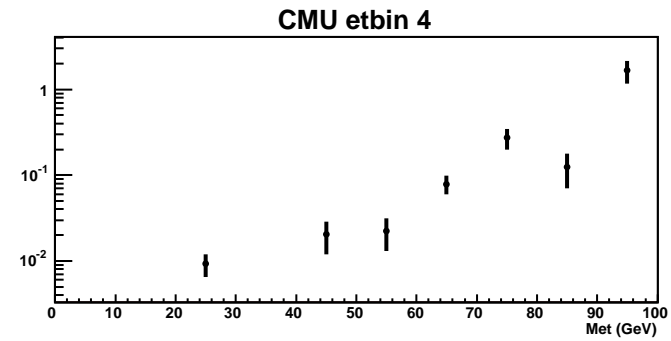
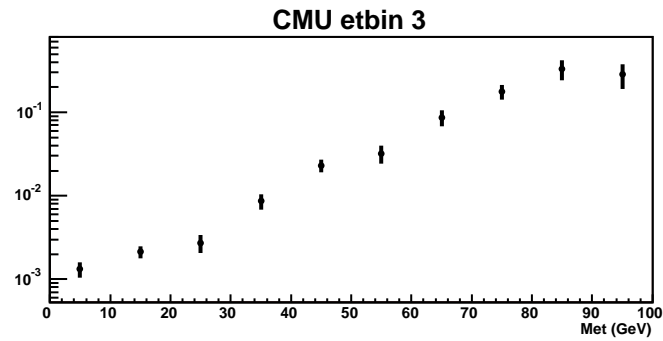
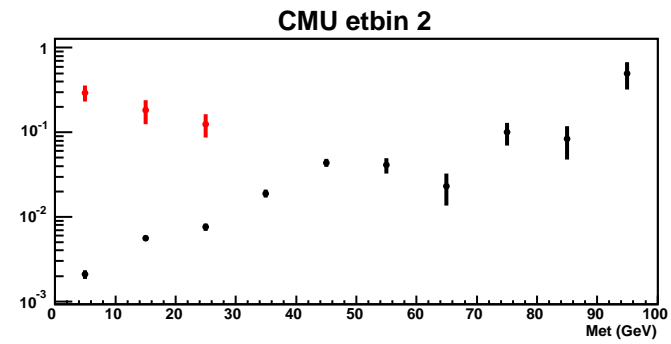
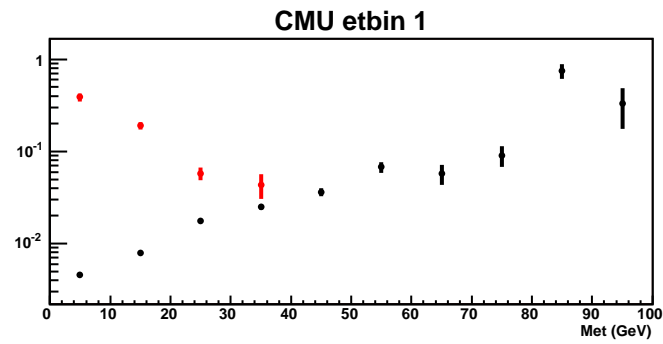
PHX



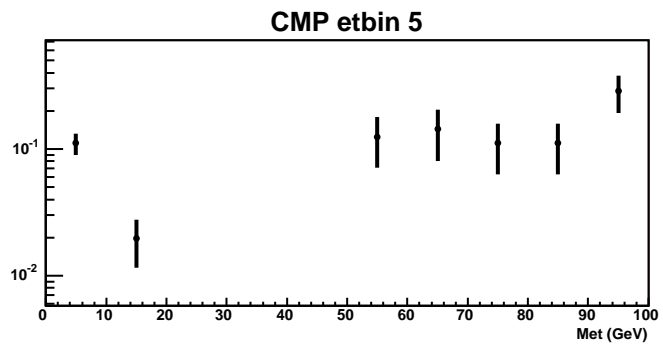
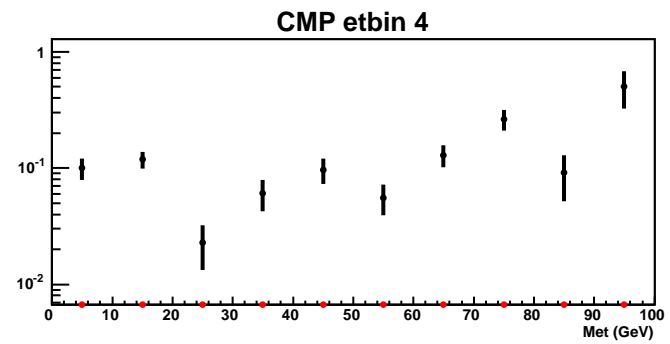
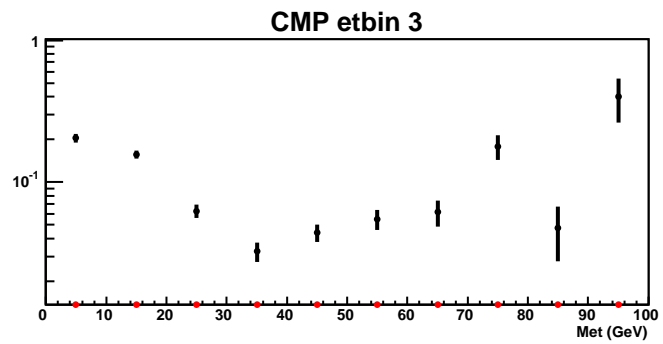
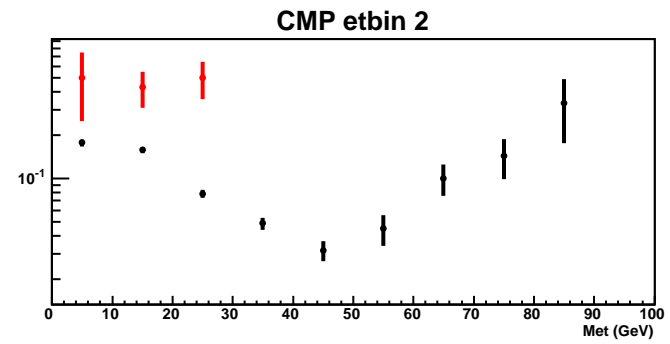
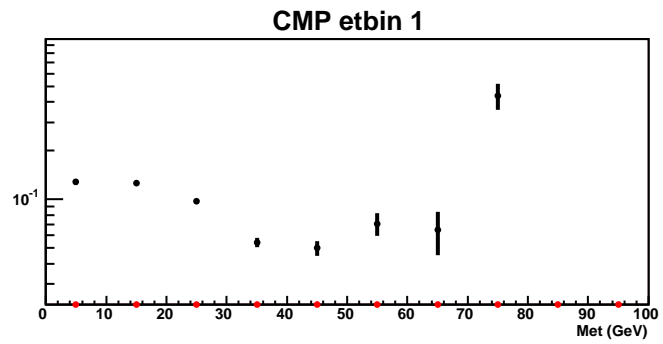
CMUP



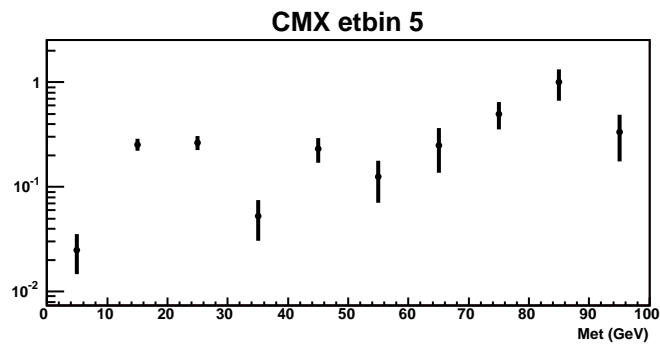
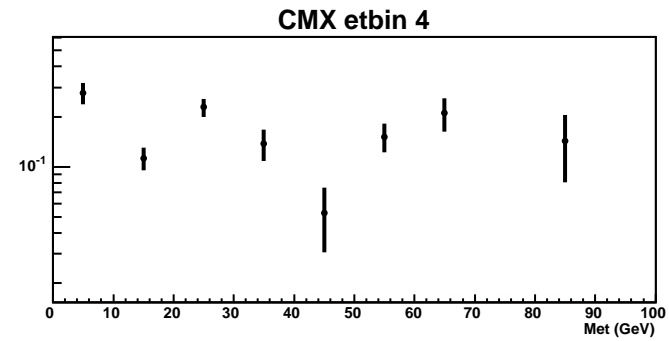
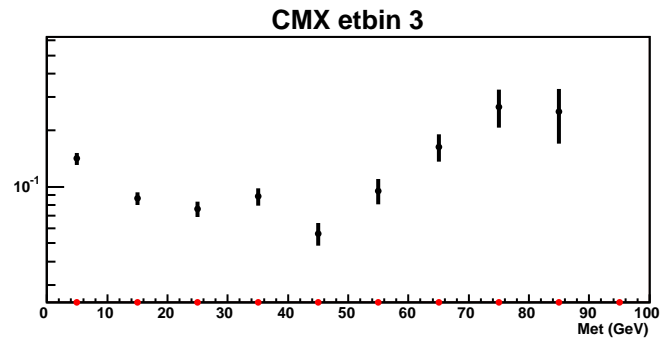
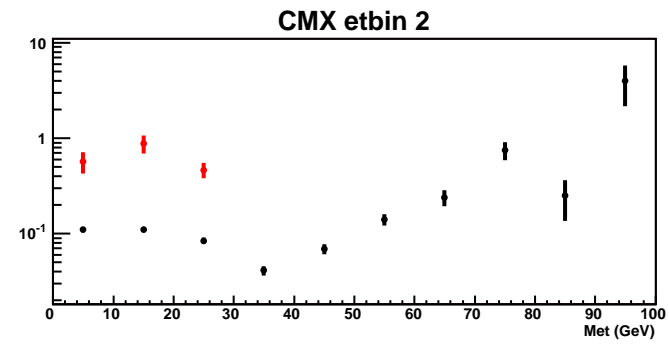
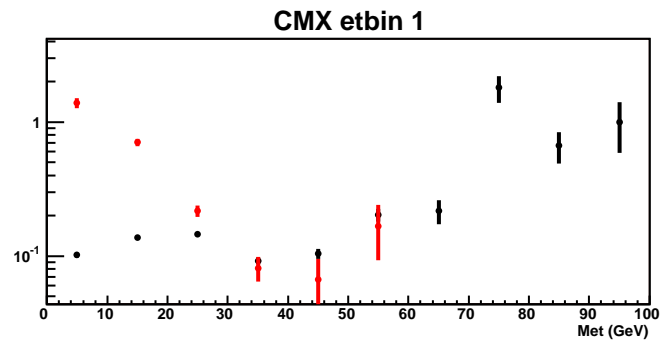
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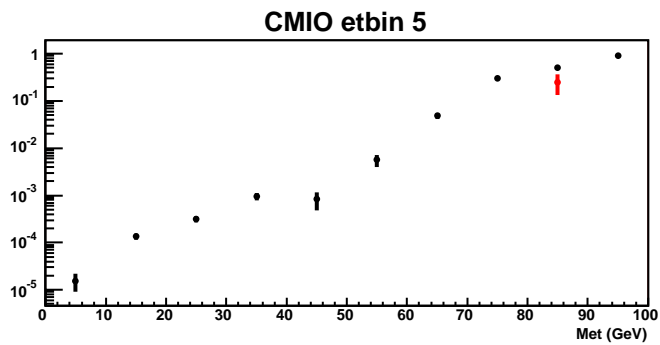
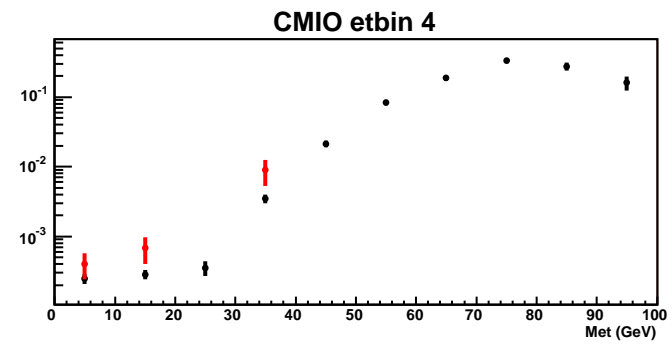
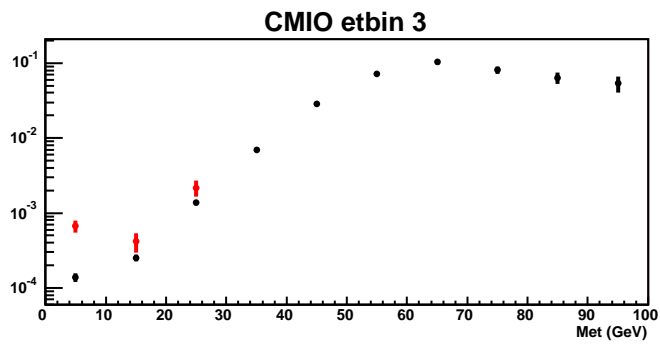
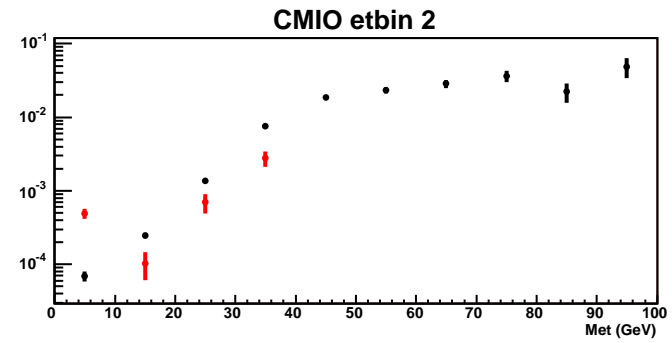
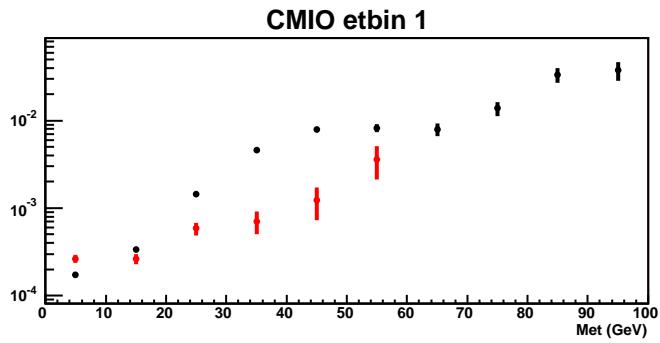
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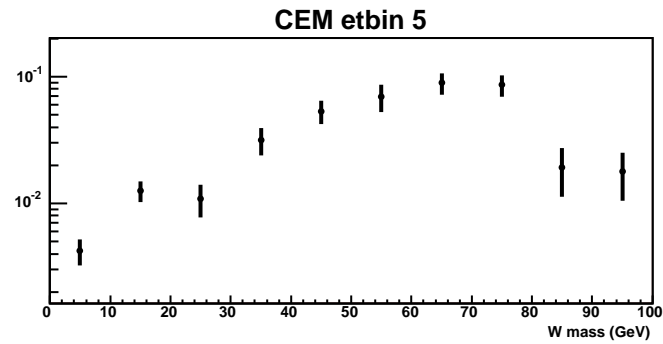
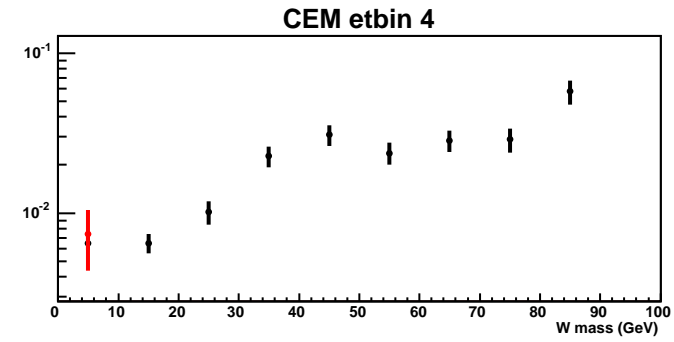
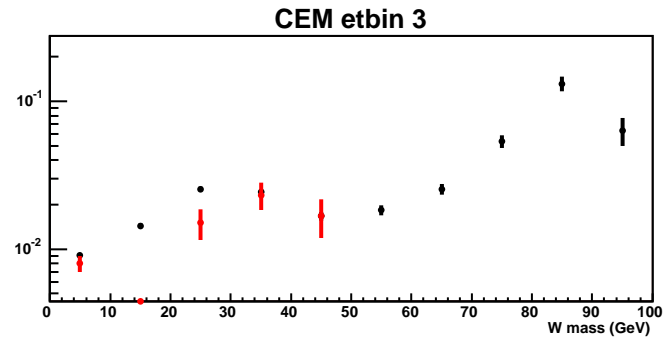
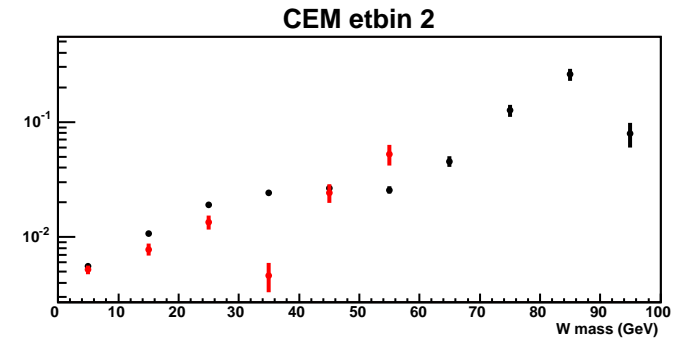
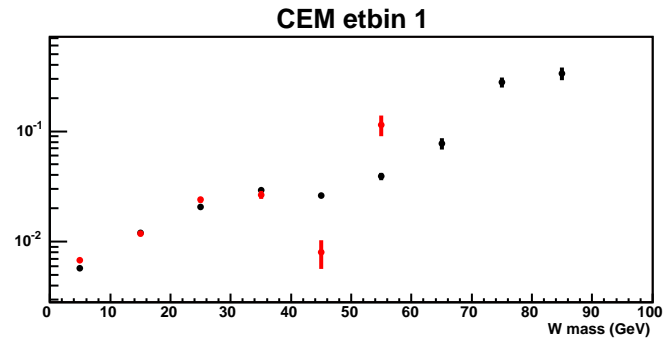
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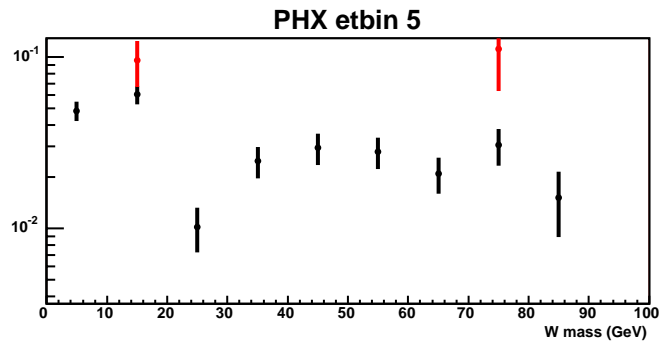
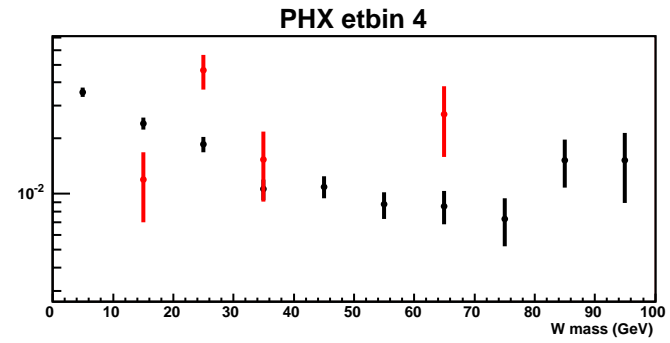
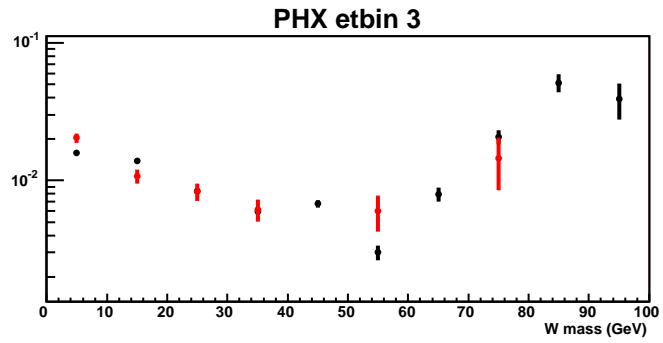
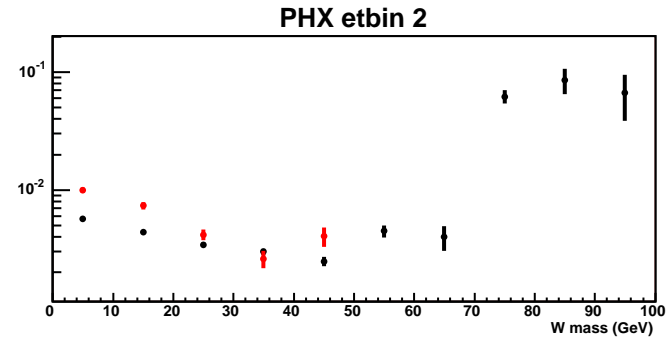
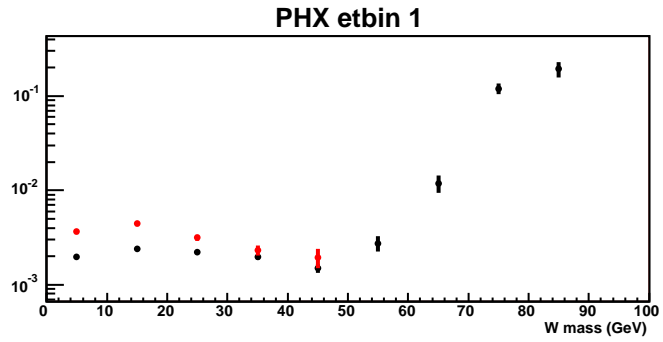
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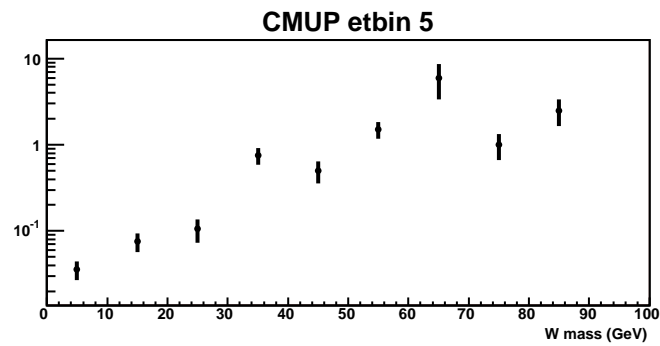
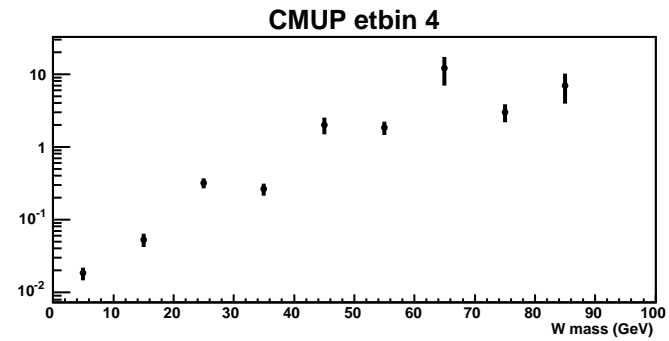
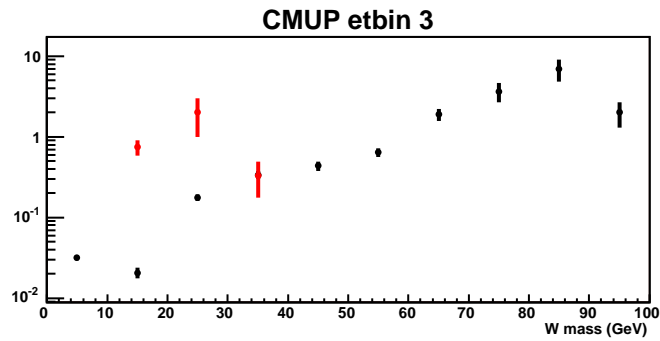
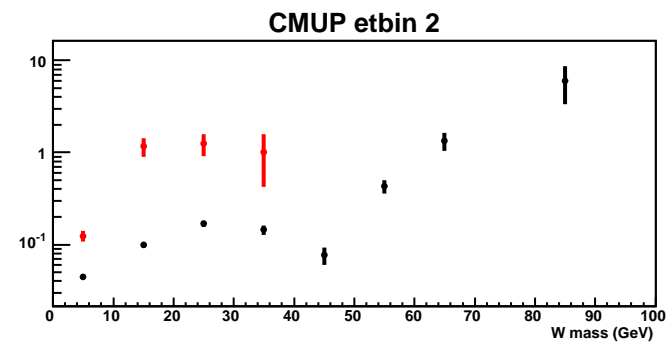
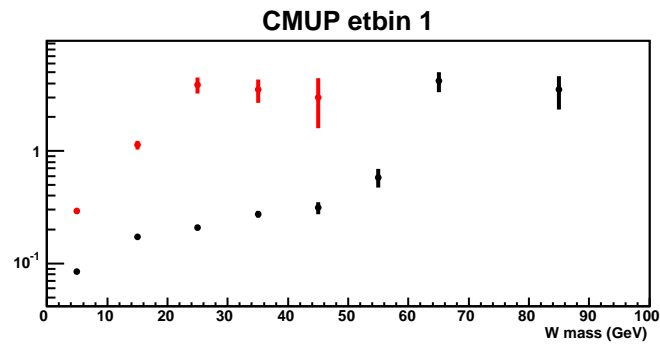
CEM Wmass (Et bin)



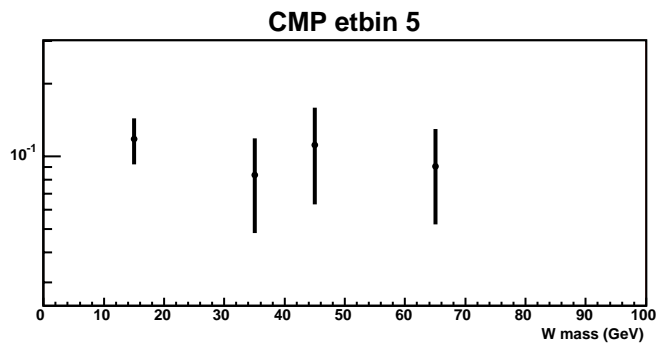
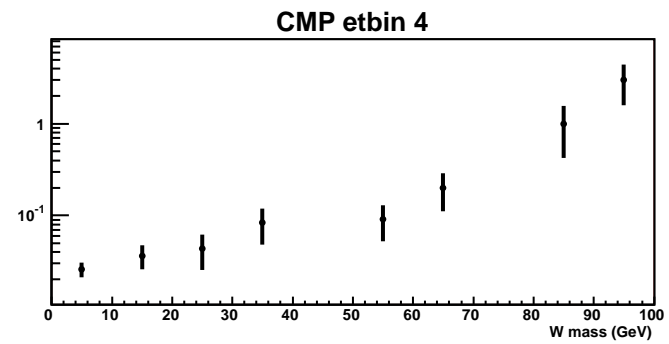
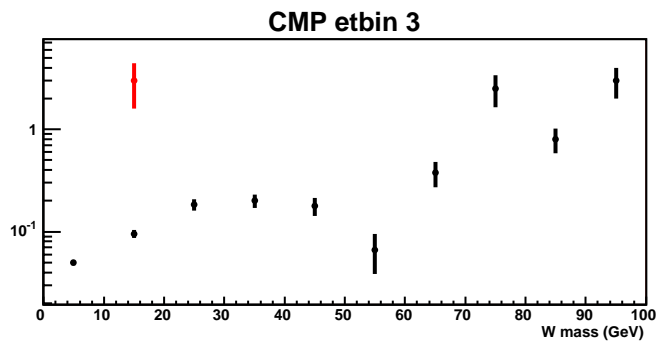
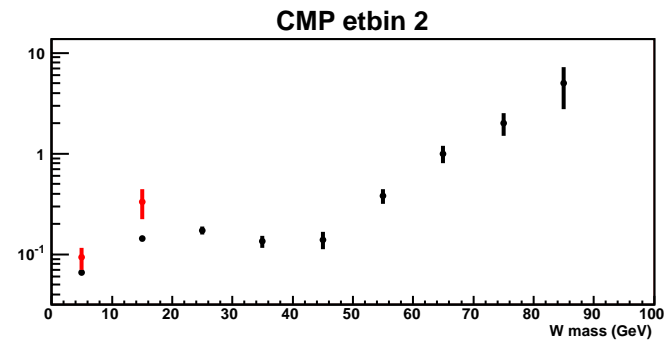
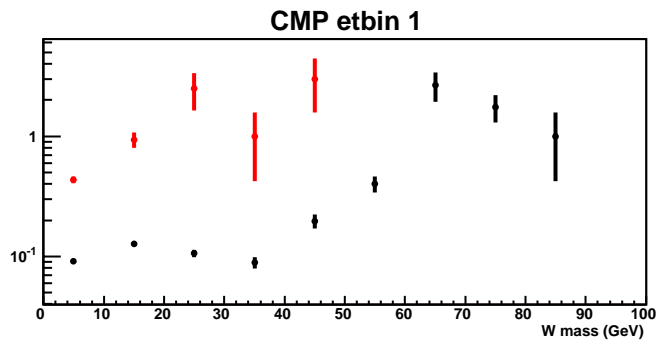
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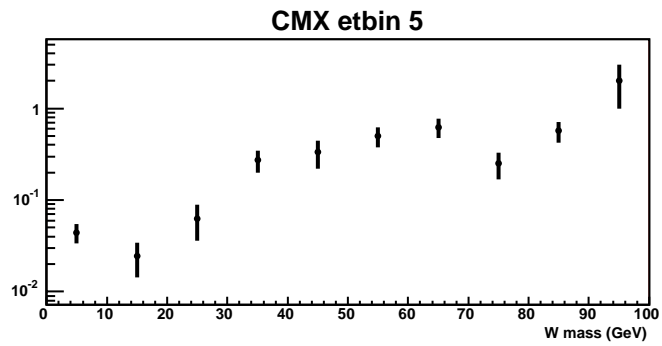
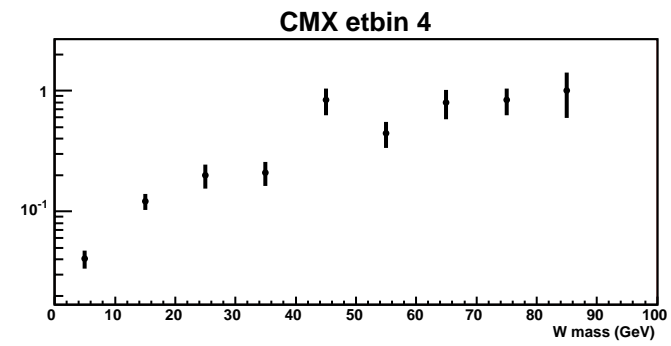
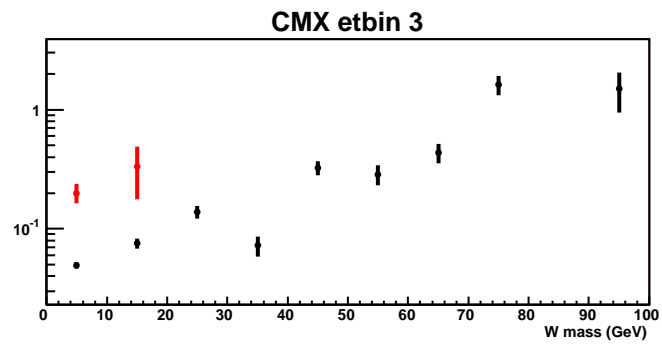
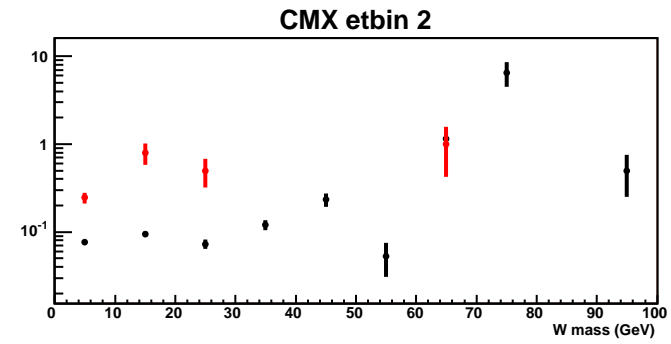
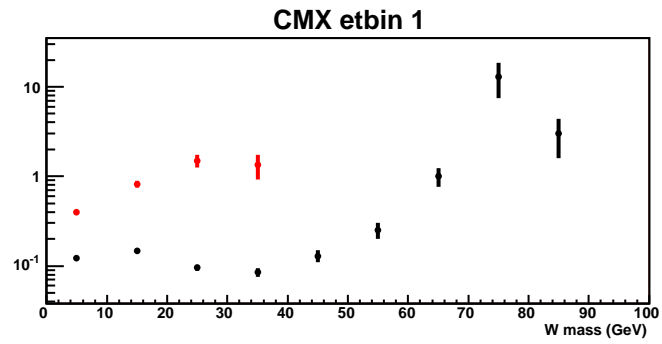
CMUP



CMP



CMX



CMIO

