

WWyy work status(3nd week)

for hh pair search

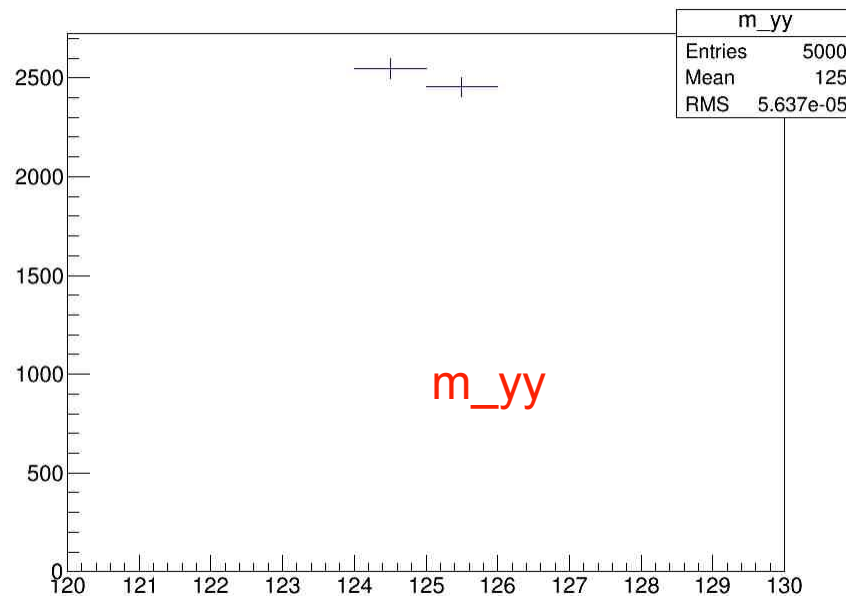
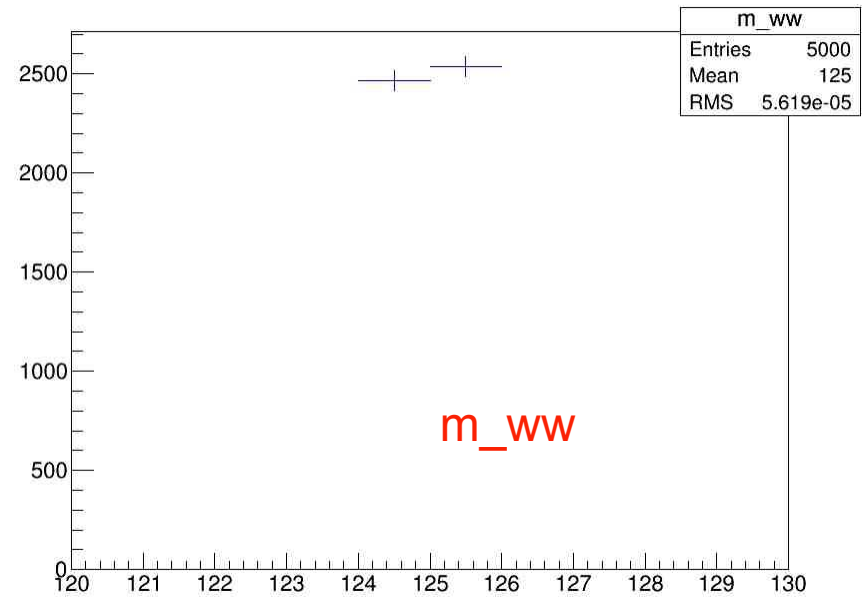
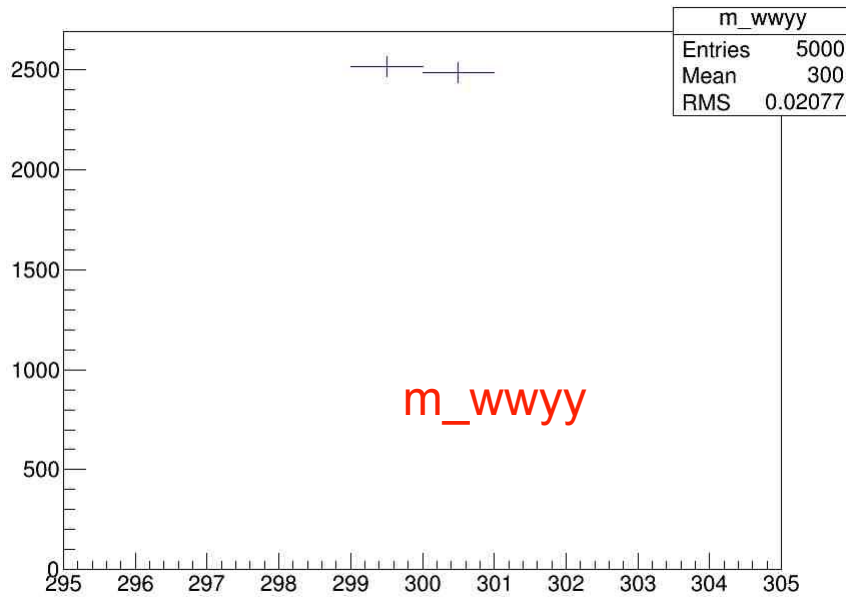
Maosen Zhou

a little update

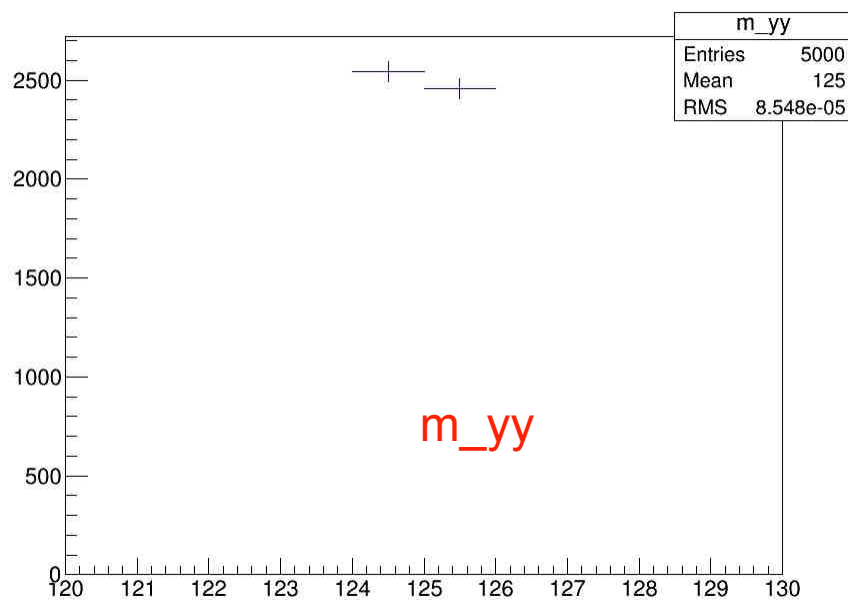
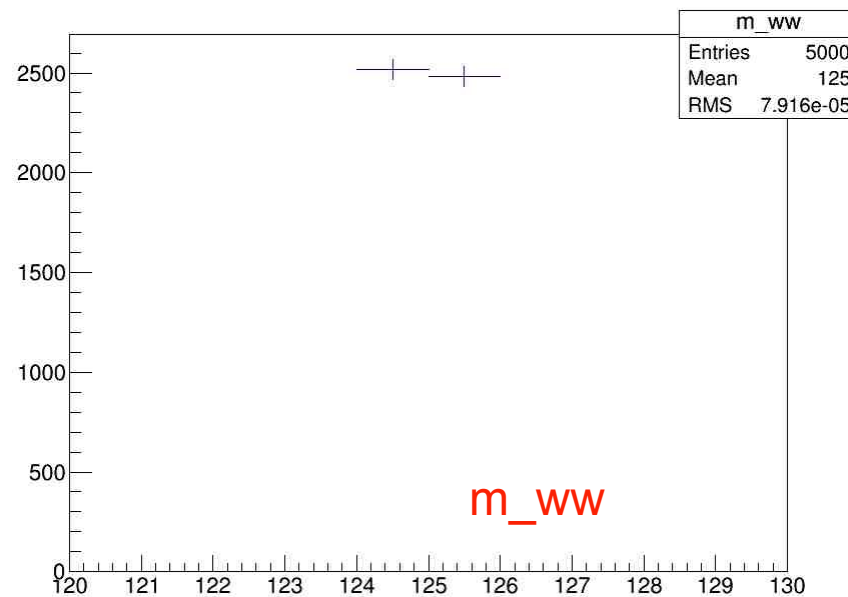
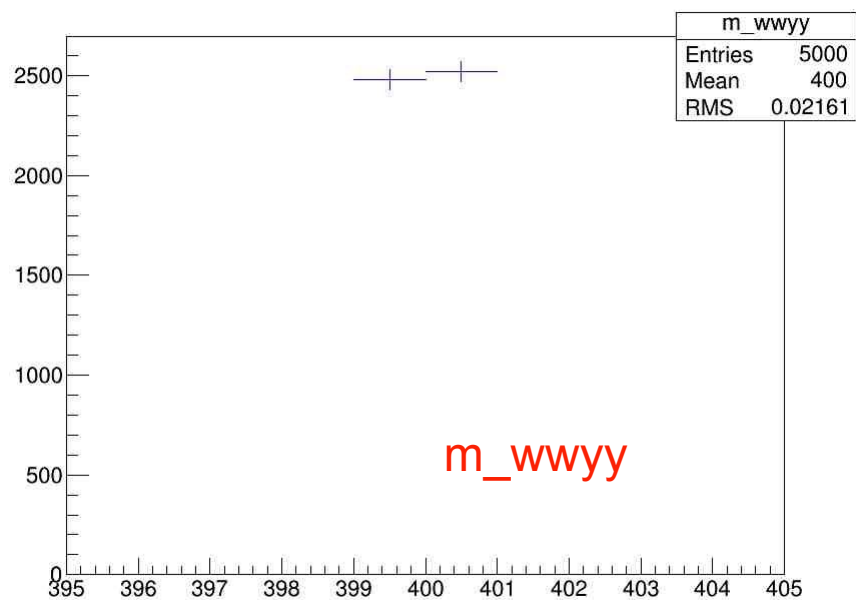
- ☞ modified mass width to 10MeV for 400GeV mass point
- ☞ increased bin width from 0.1GeV to 1GeV for inv_mass plots
- ☞ successful run for non-resonant model, and got validation plots
- ☞ modified 'evgen.keywords', from 'diboson' to 'WW' in JO

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evgenConfig.keywords = ["SM", "SMHiggs", "nonResonant", "diphoton", "WW"]
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H_300GeV (width 10MeV)

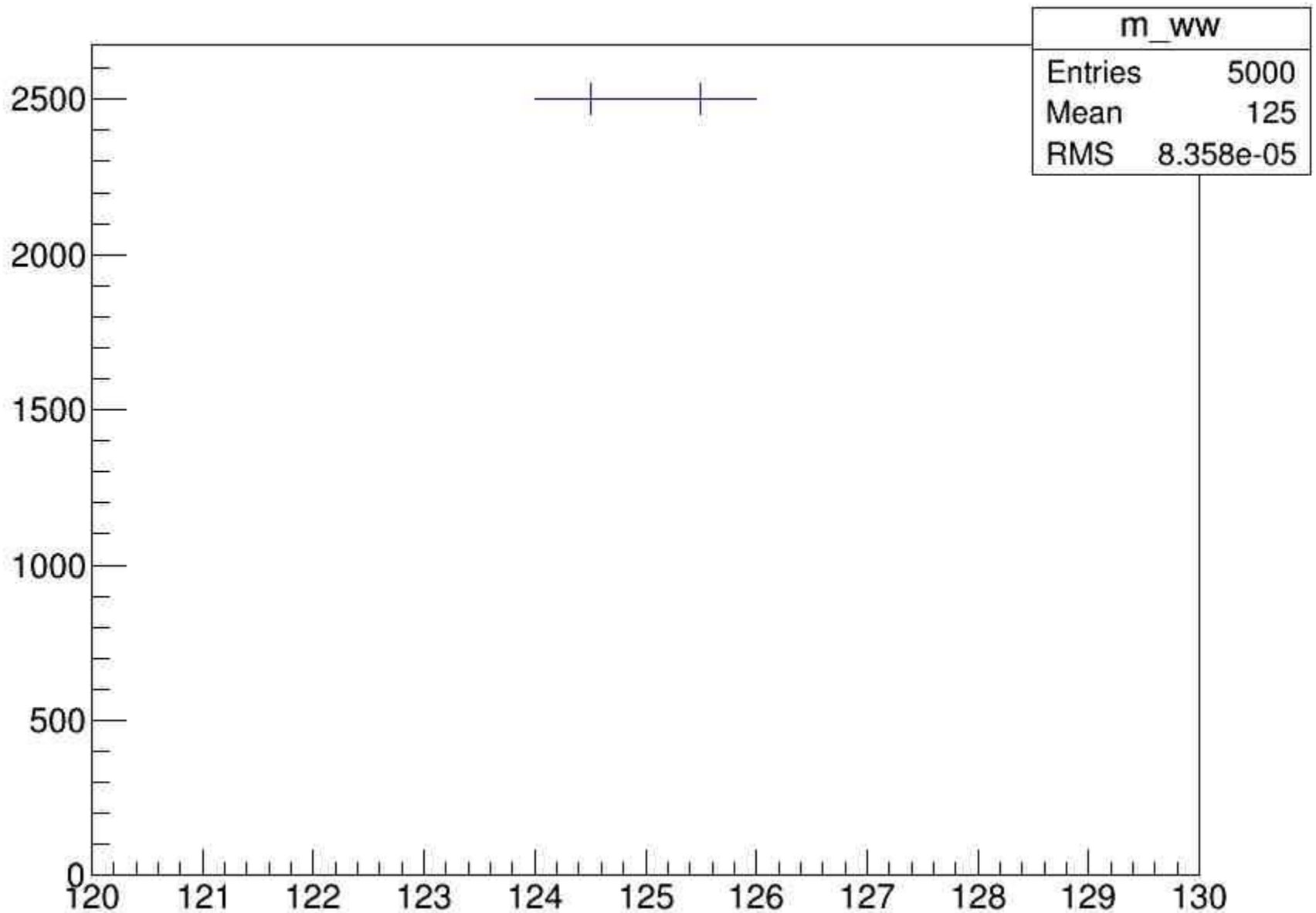


H_400GeV(width 10MeV)



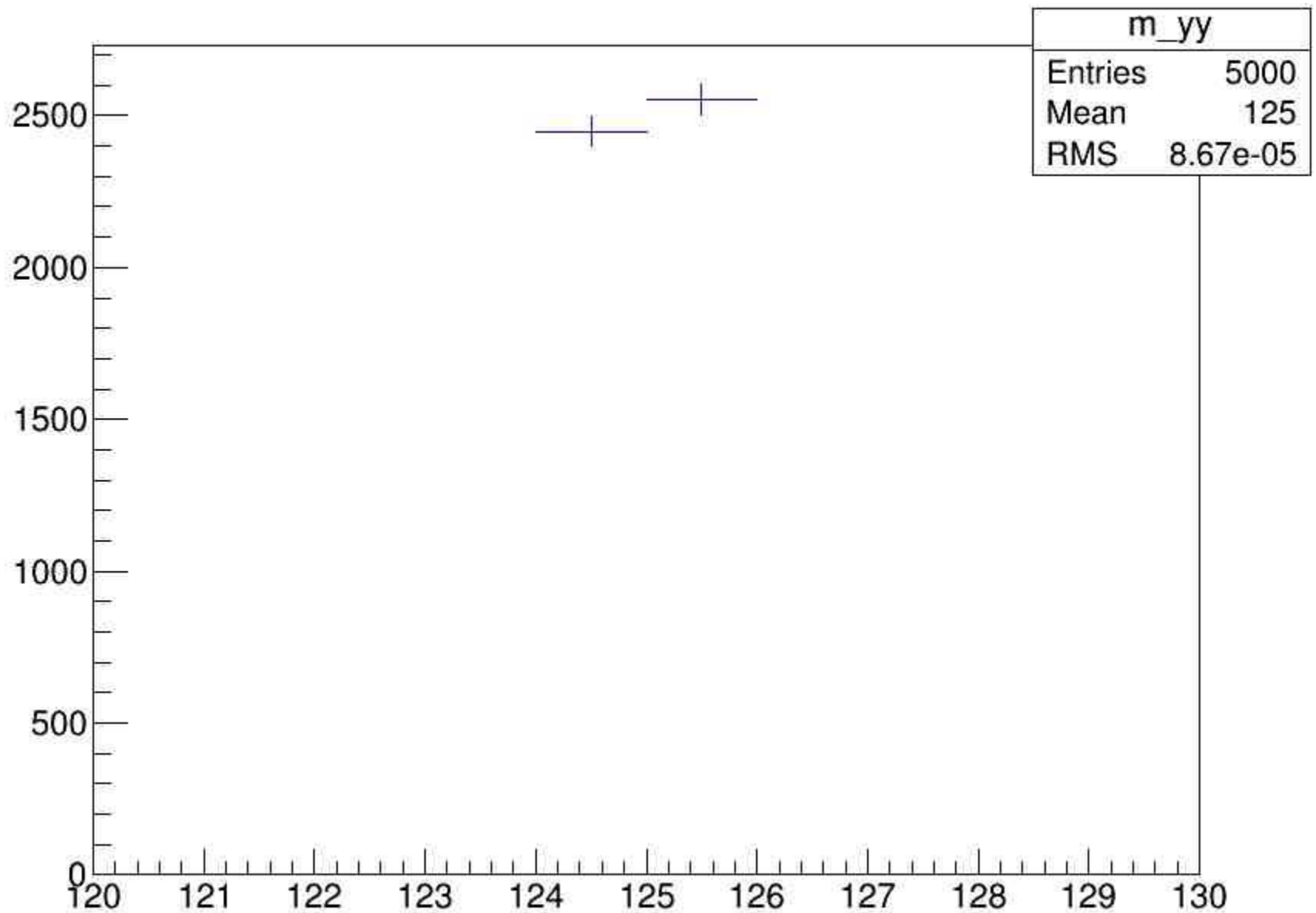
sm hh

m ww



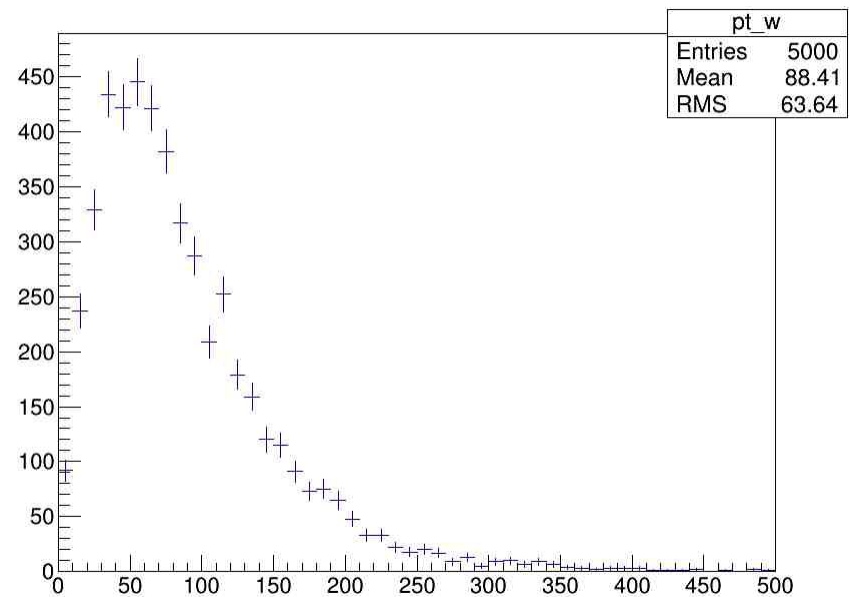
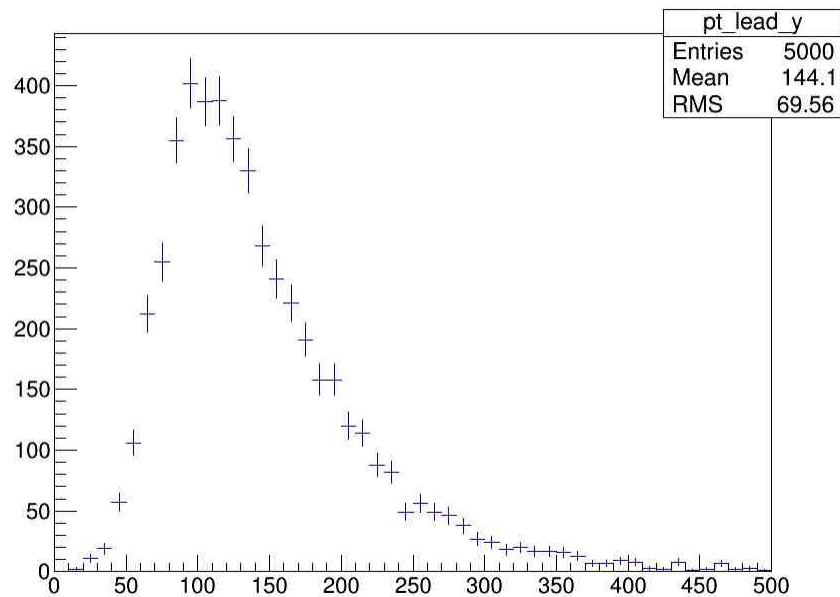
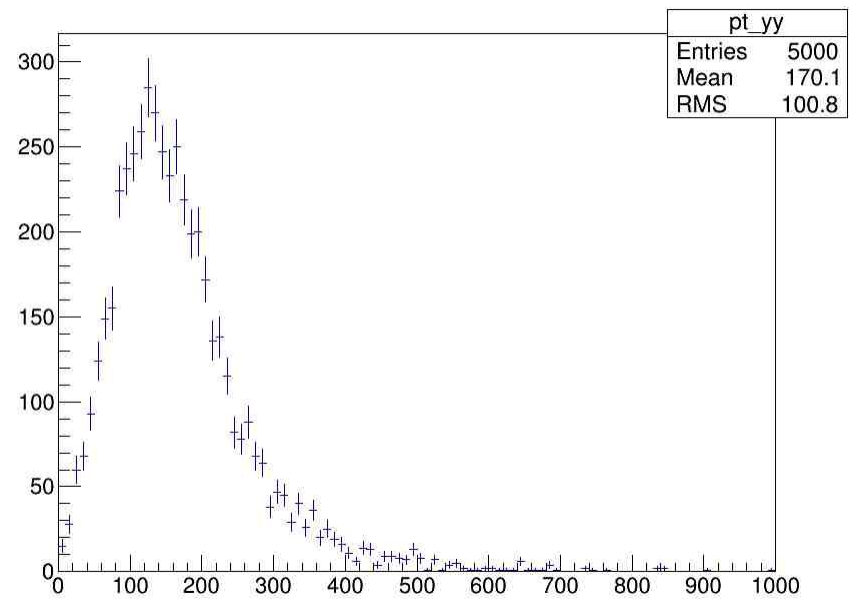
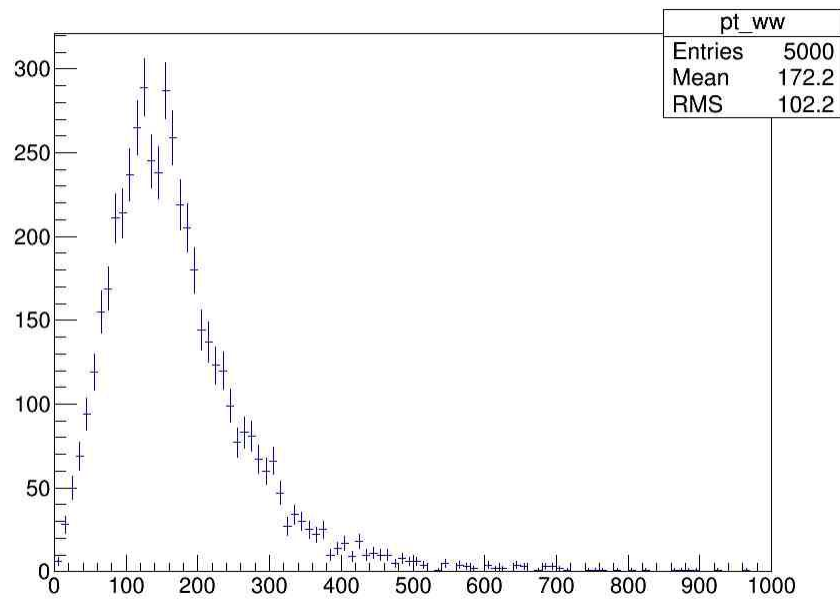
sm_hh

m_yy

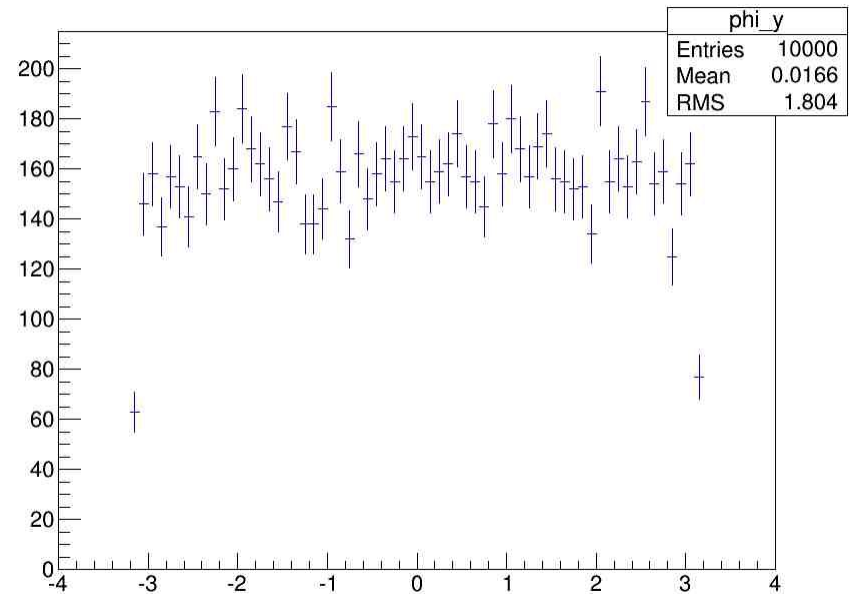
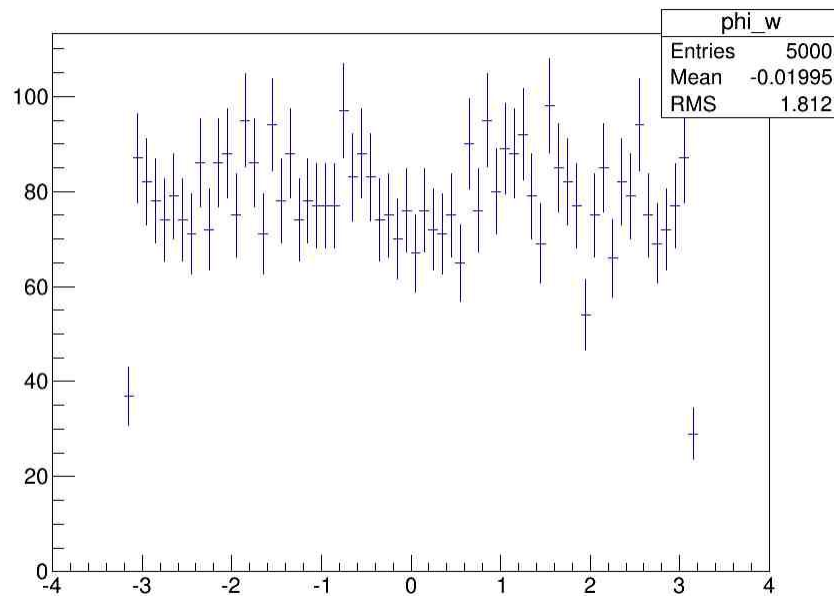
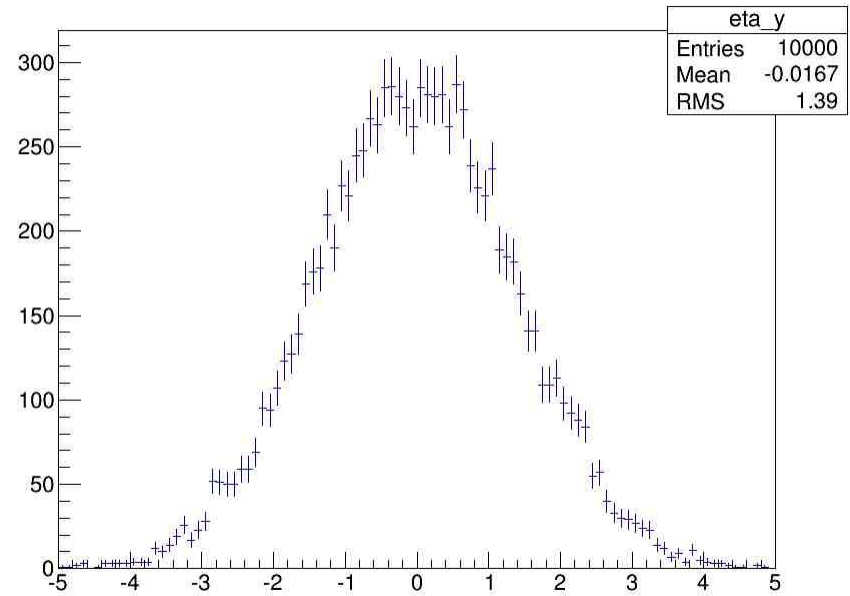
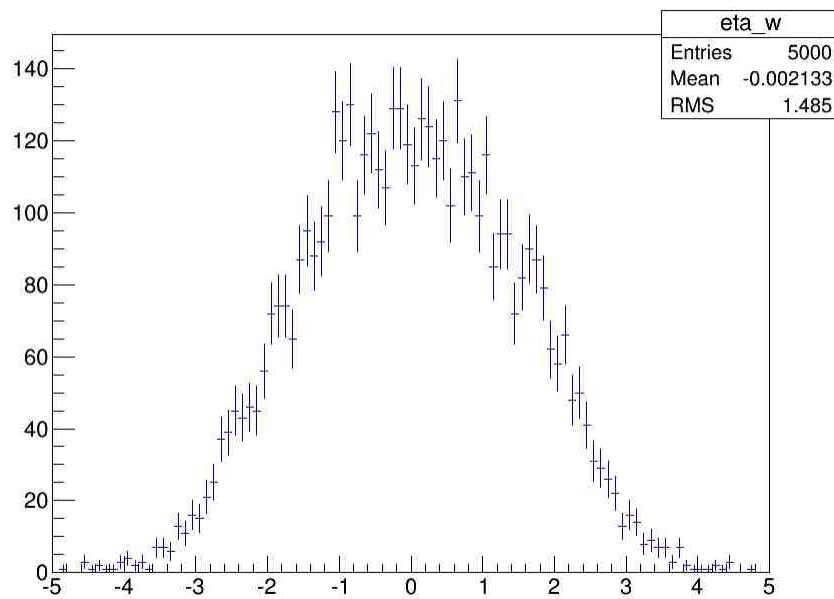


Summary&To do

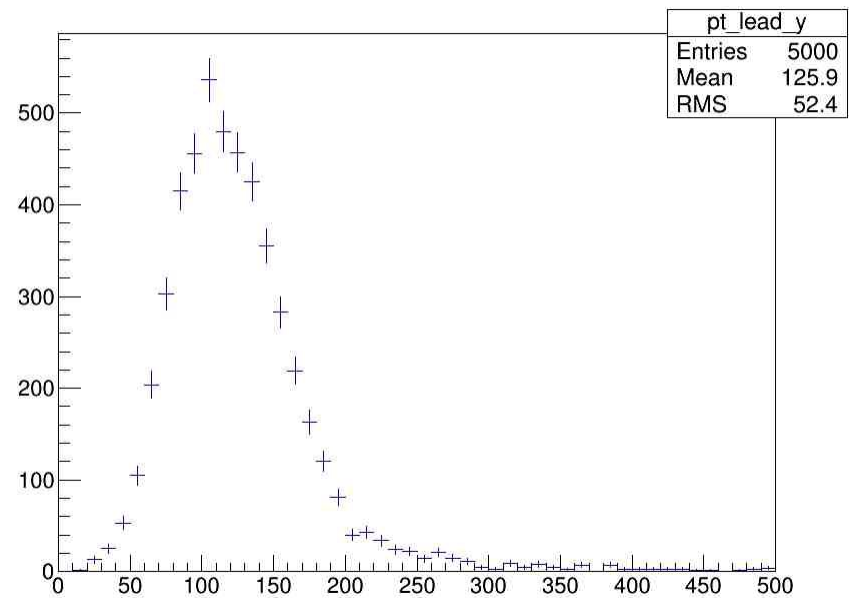
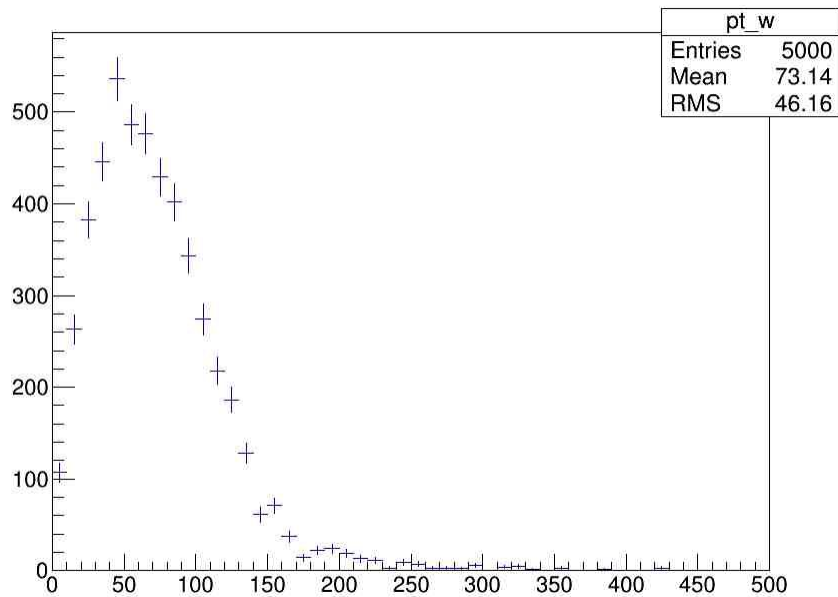
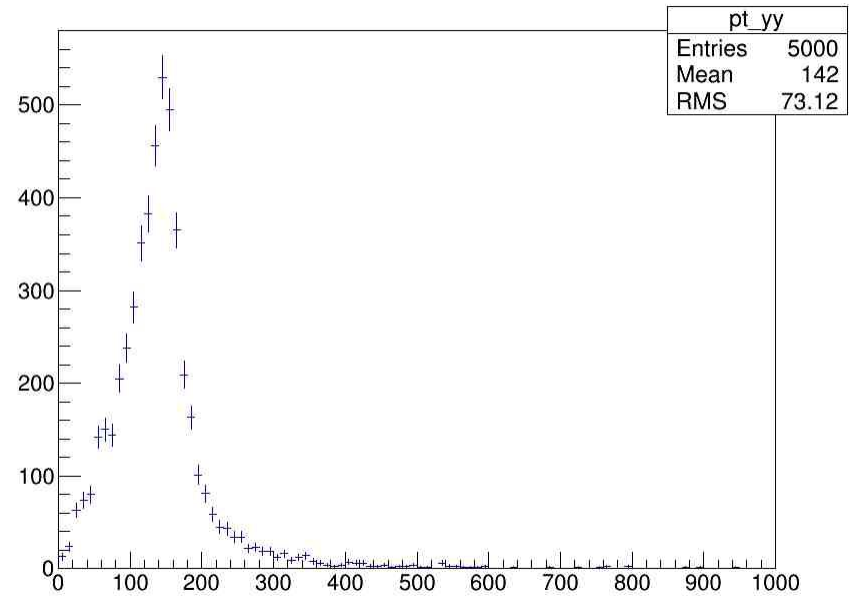
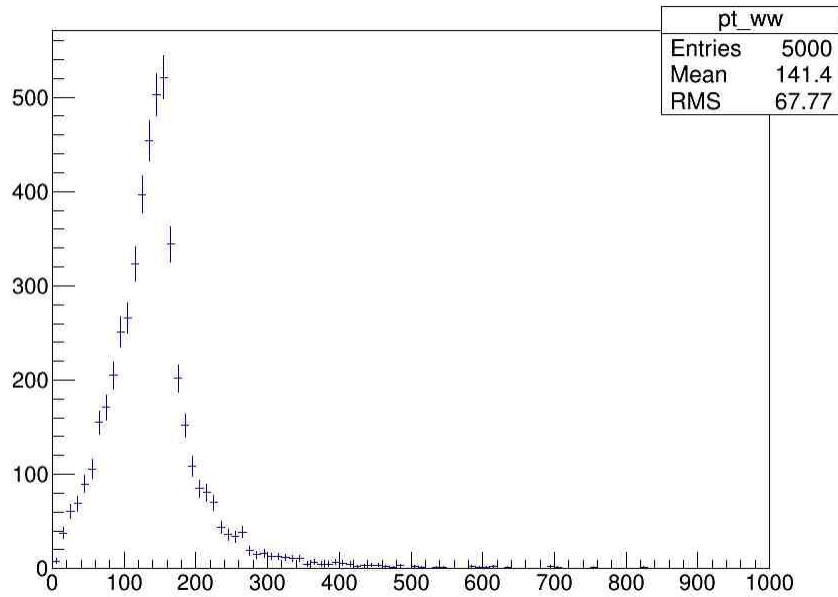
- ☞ Although plots look good, better someone cross check JOs...
- ☞ next, submit MC request on JIRA page?



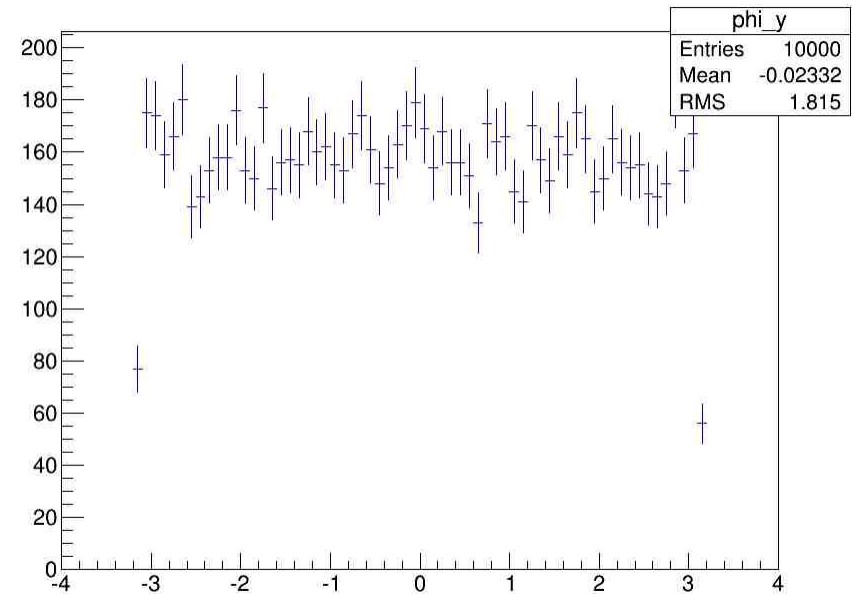
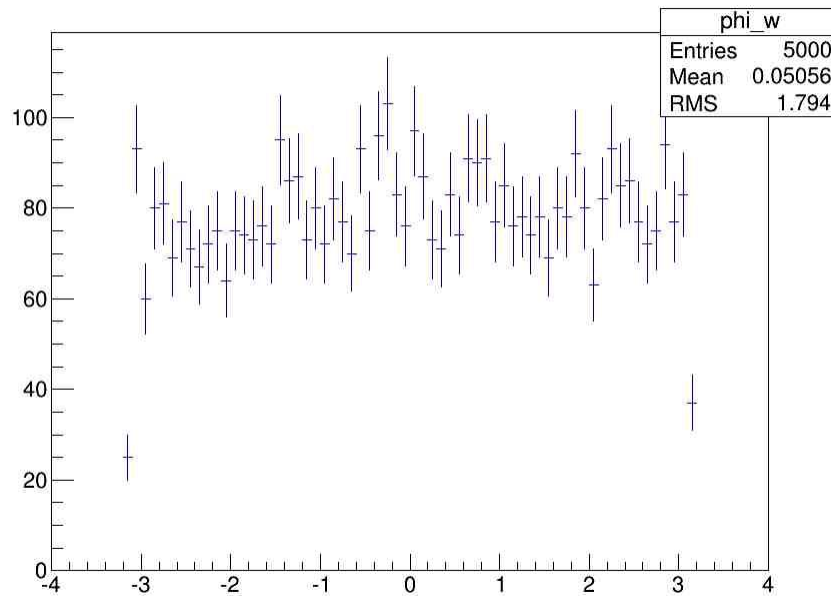
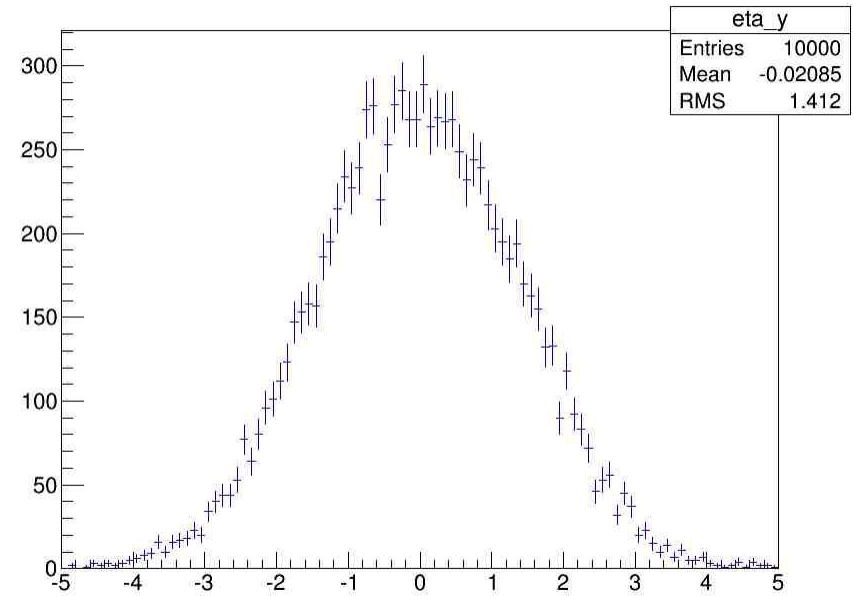
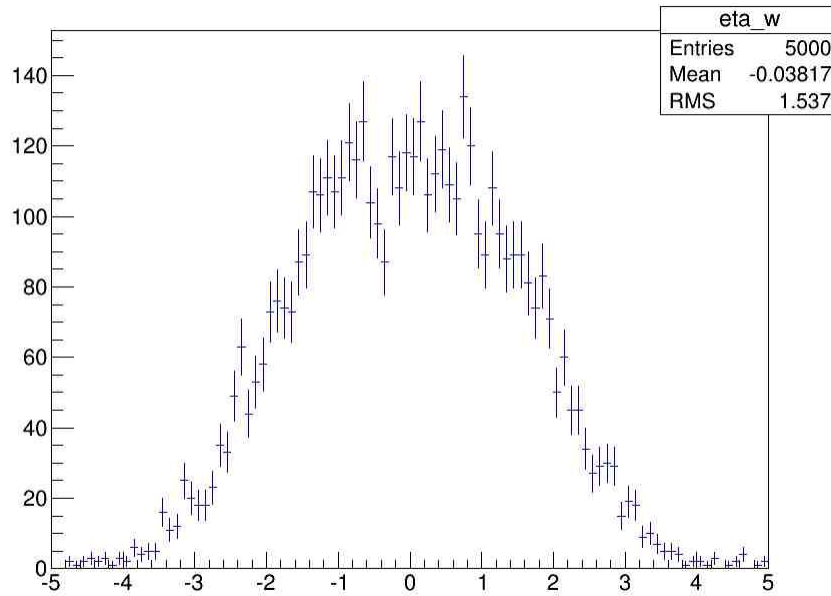
300Gev



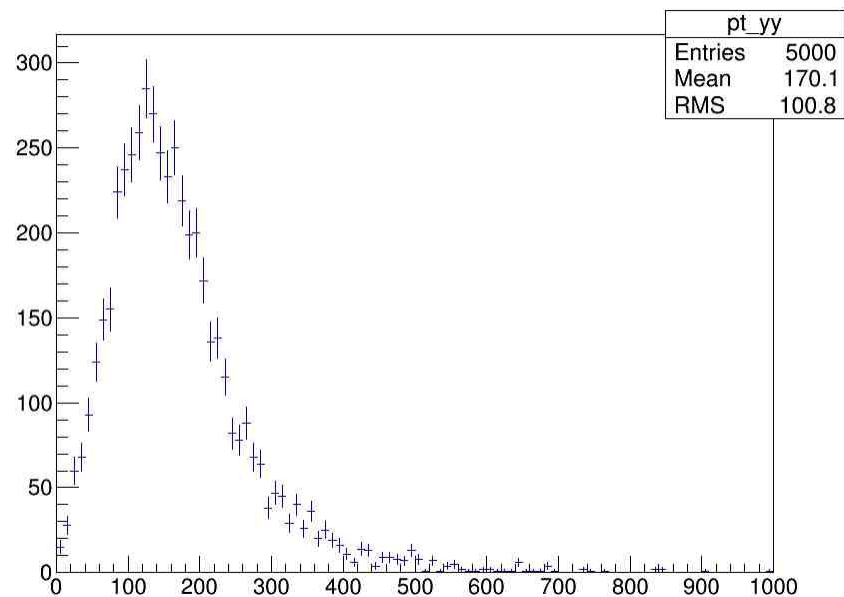
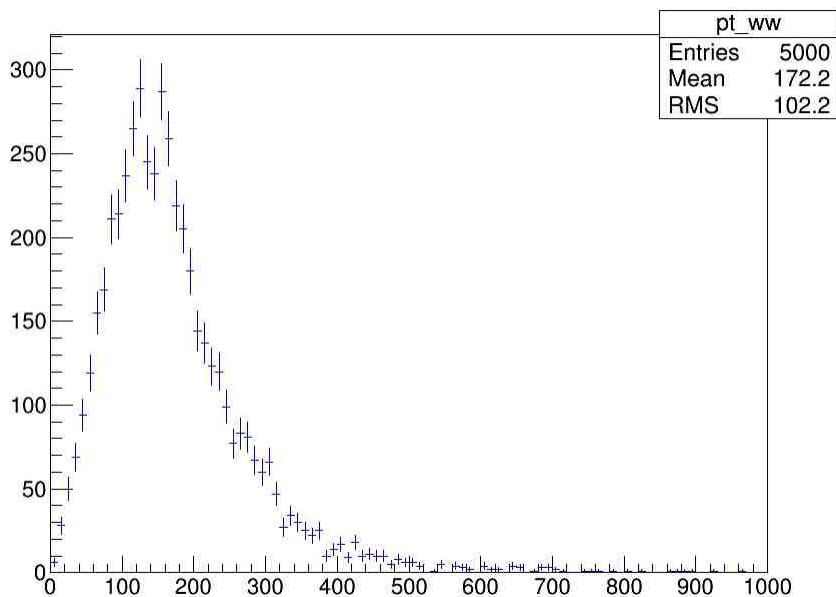
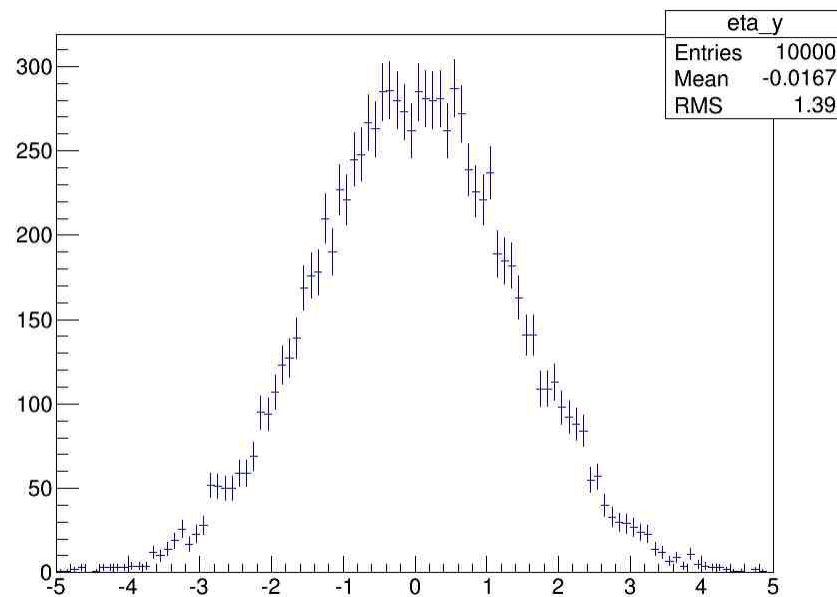
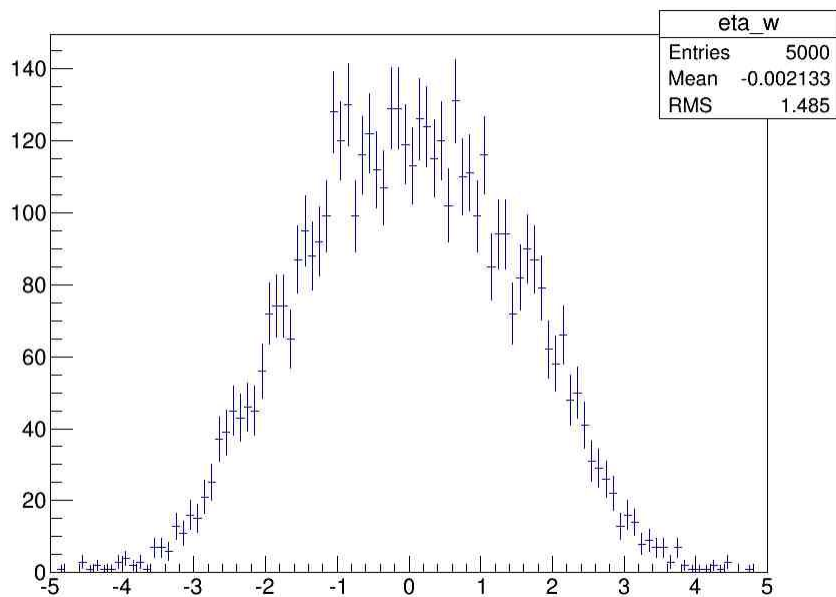
400 GeV



400 GeV



sm_hh



sm_hh

