status report

- Check tau-tau and mu-mu property (MC/PFO)

  Invariant mass

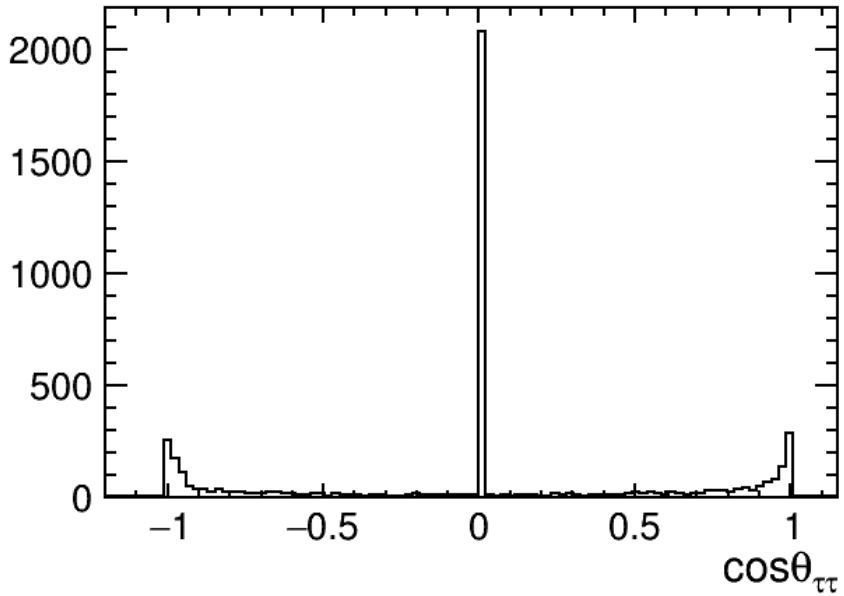
  Energy

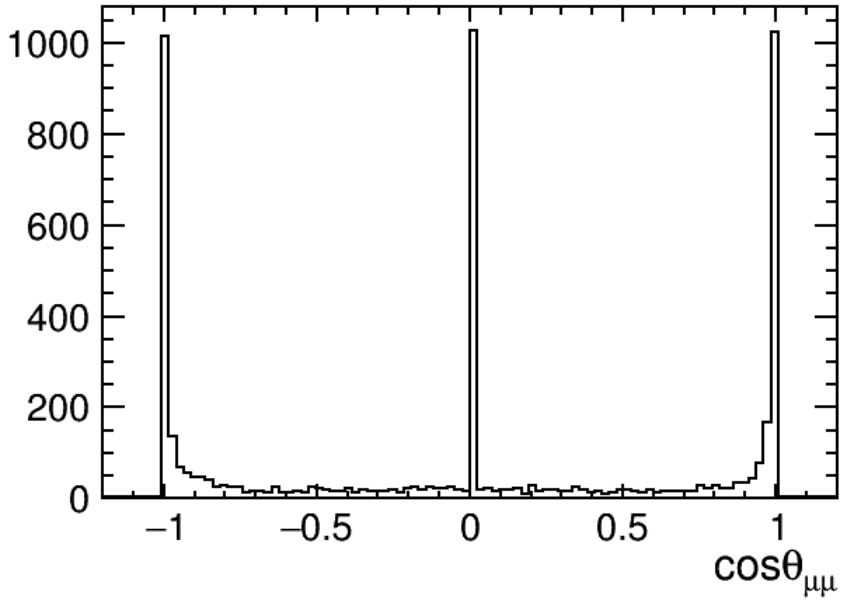
  CosTheta
- Reported at the Software analysis meeting

Problems to be solved

PFO

very large peak at 0



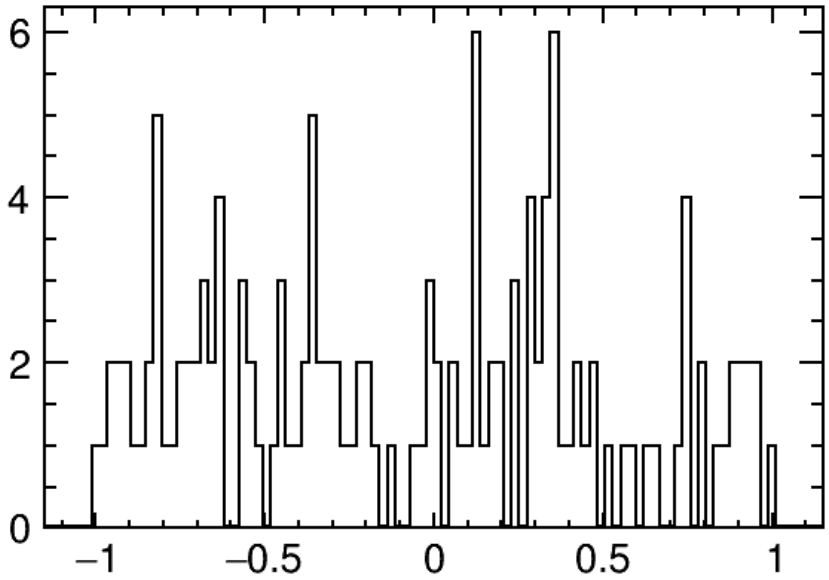


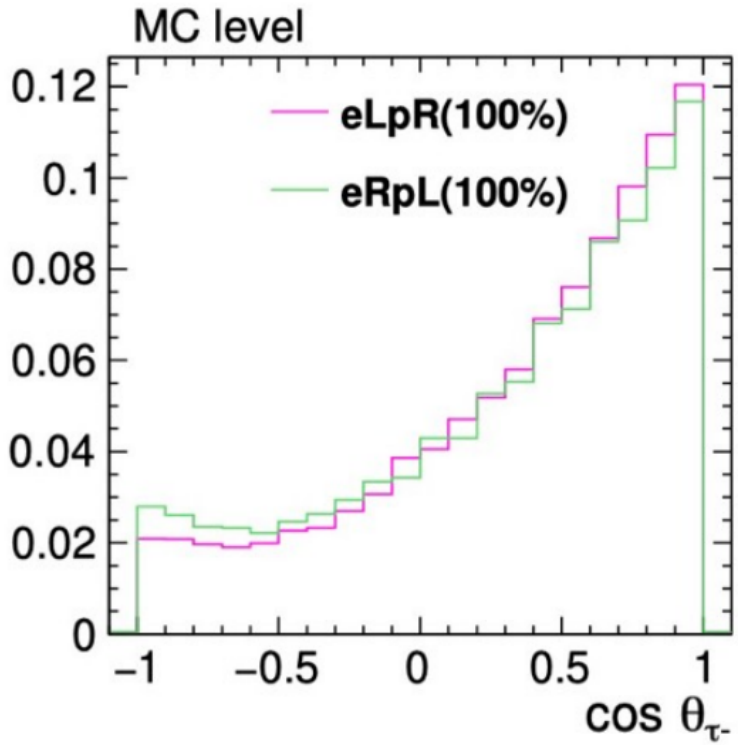
Problems to be solved

$e^+e^- \to \tau^+\tau^-$, MC
for $\tau^- \to \pi^-\nu$ decay

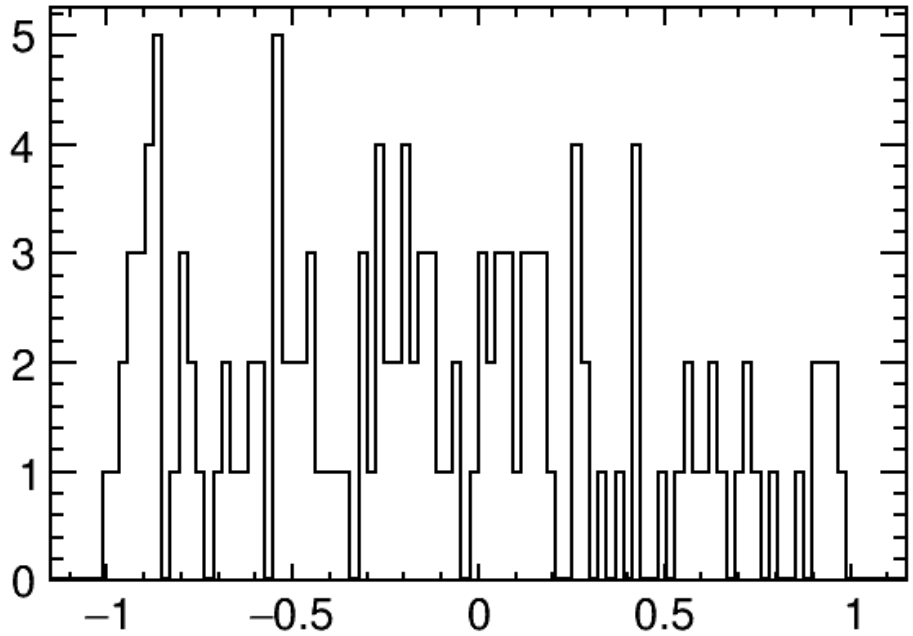
left:250 GeV samples, right:500 GeV samples

few statistics..?





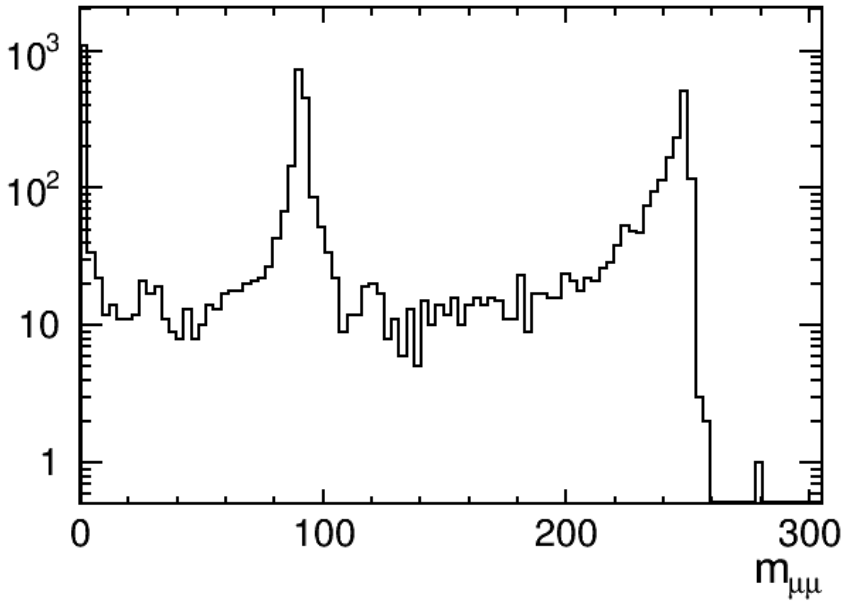
$e^+e^- \to \tau^+\tau^-$, MC
for $\tau^+ \to \pi^+\nu$ decay

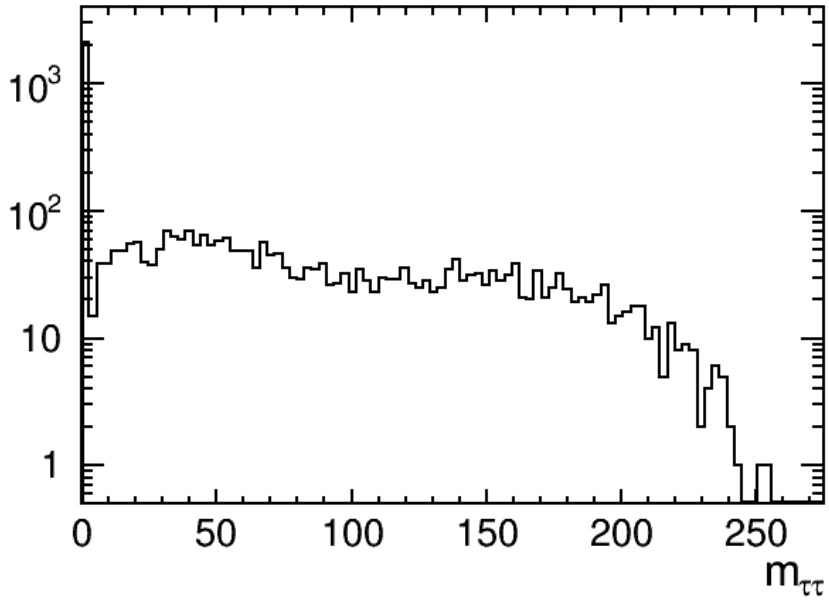


Problems to be solved

PFO

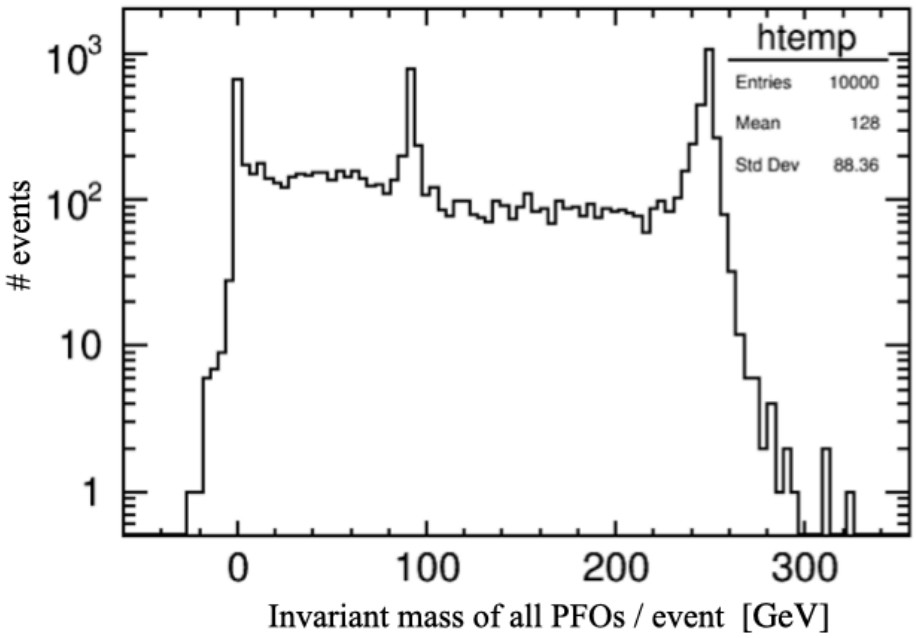
sometimes invariant mass: greater than 250 GeV

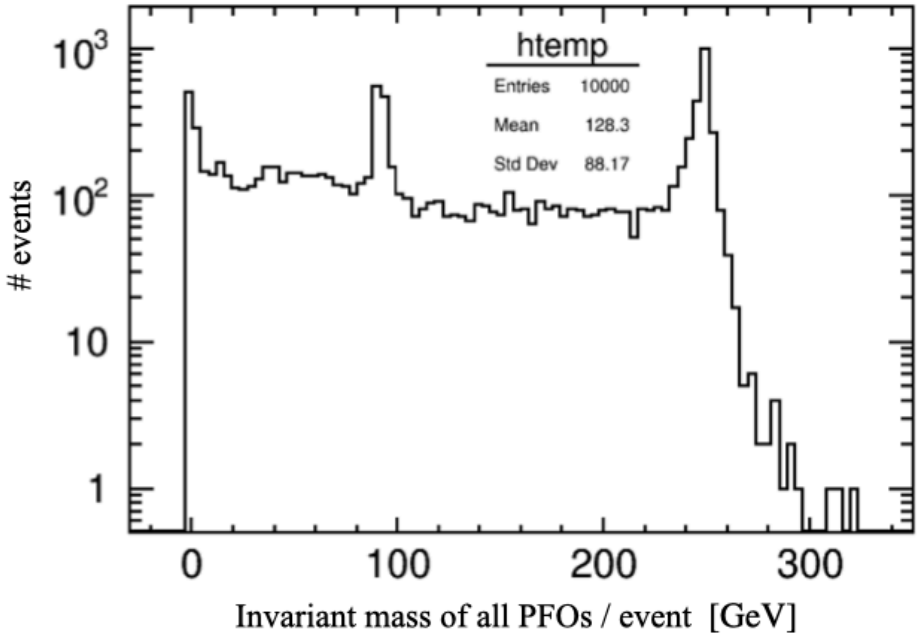




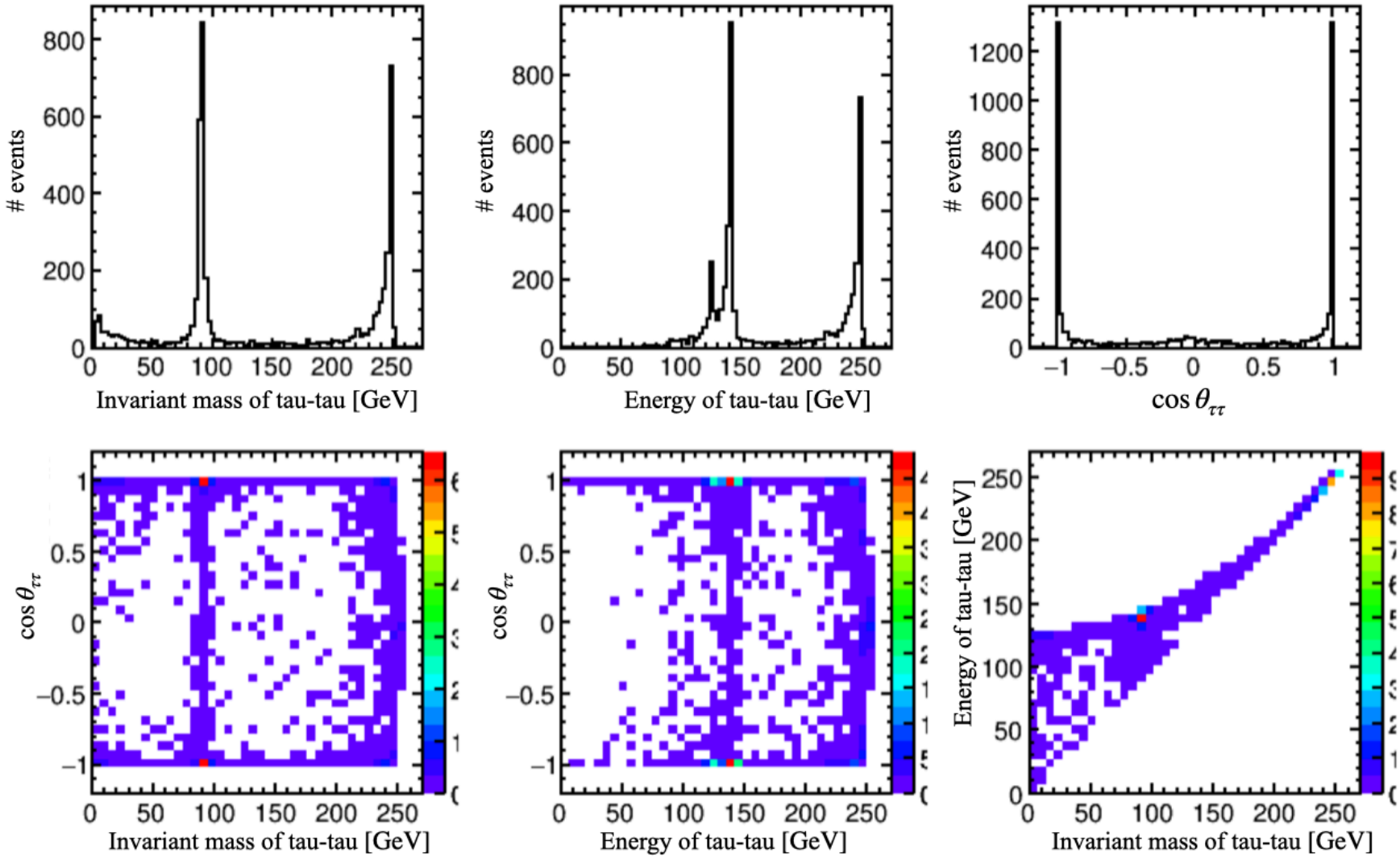
Photon-like PFO

sometimes PFOs have a "negative" invariant mass.
This was a problem in the new photon energy correction processor: it is now fixed.

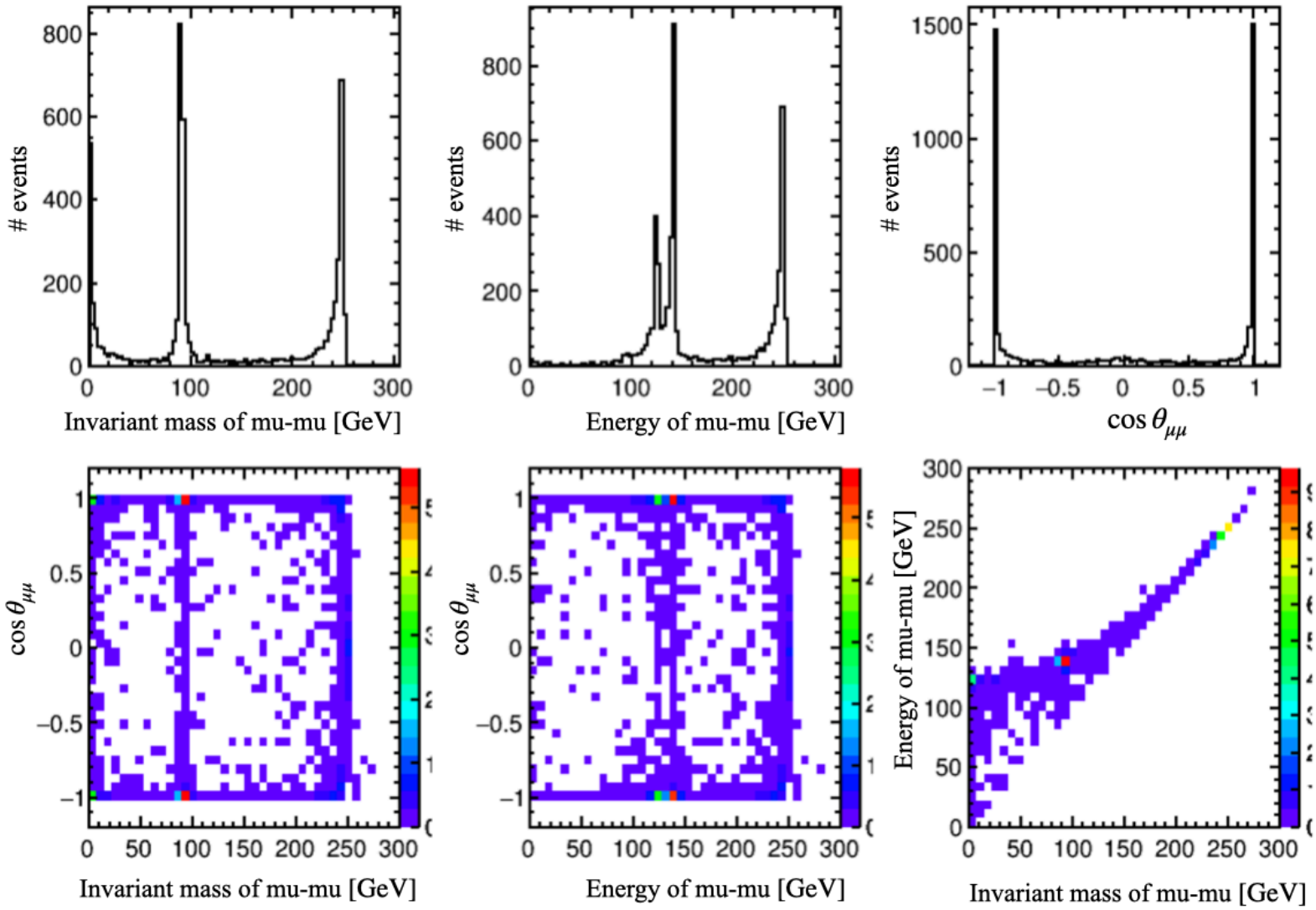




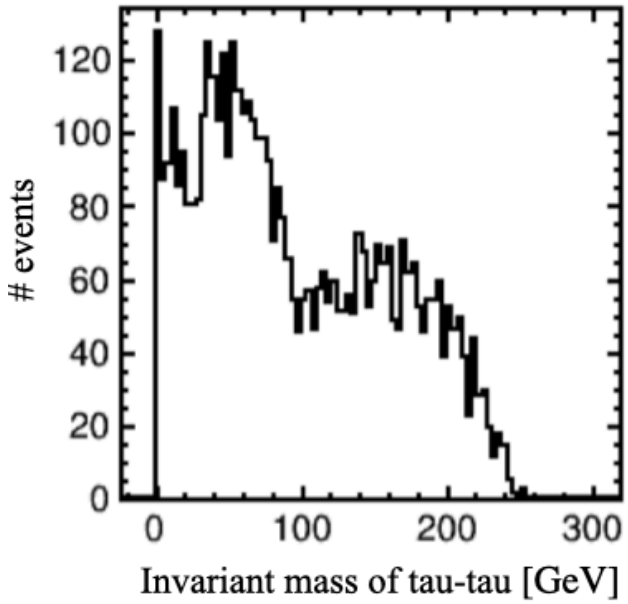
$e^+e^- \to \tau^+\tau^-$, MC

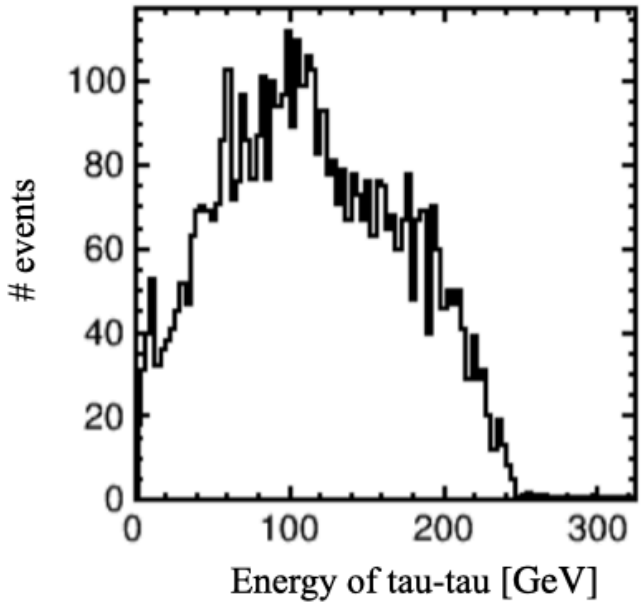


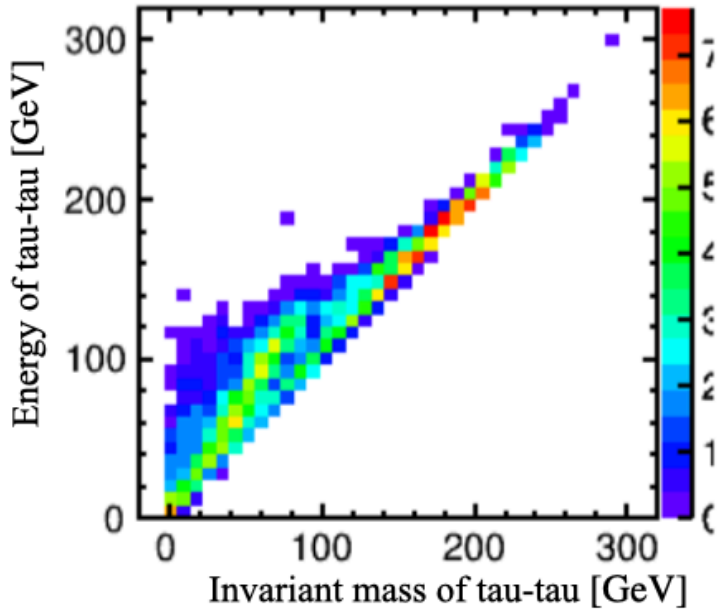
$e^+e^- \to \mu^+\mu^-$, MC level



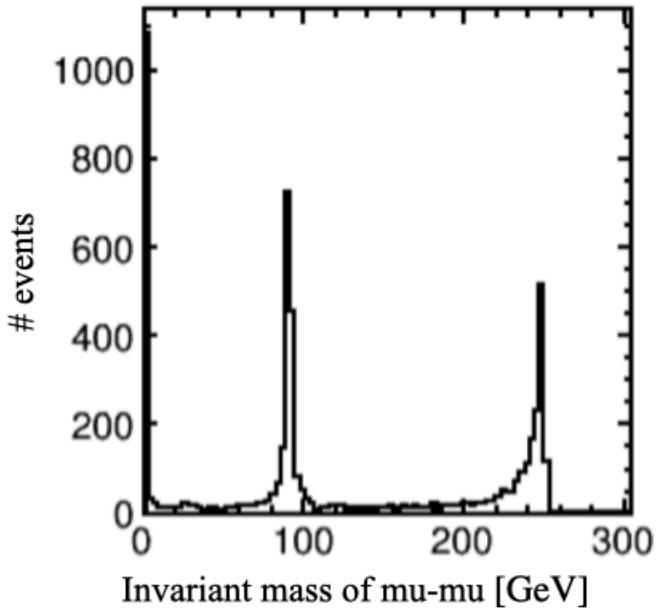
$e^+e^- \to \tau^+\tau^-$, PFO

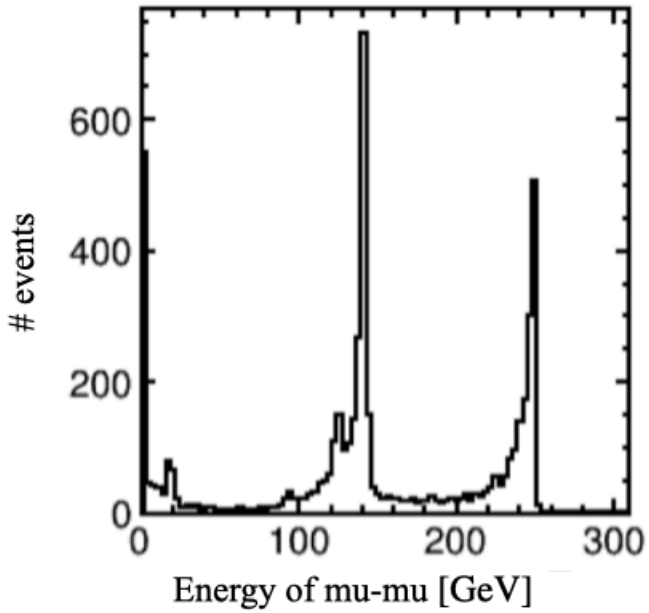


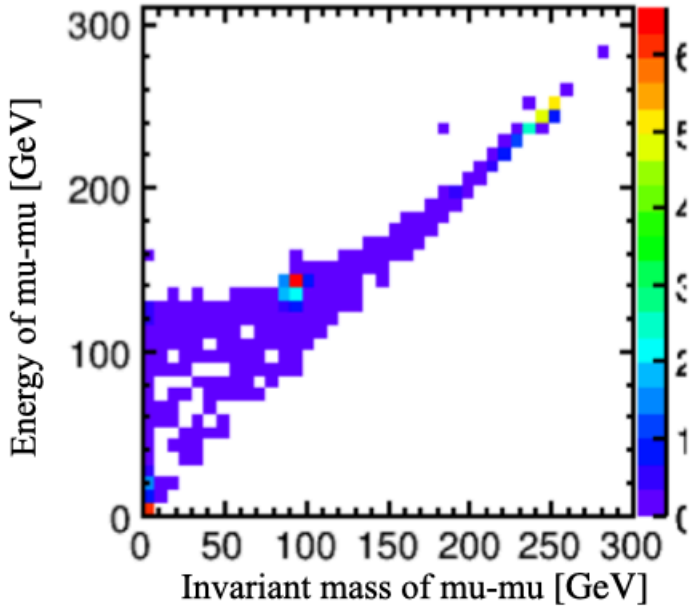




$e^+e^- \to \mu^+\mu^-$, PFO







Summary

- New Tau testsamples was checked
- Problem of negative invariant mass of PFOs was found
- There is no other problem found so far.
- I continue to study with new testsamples.