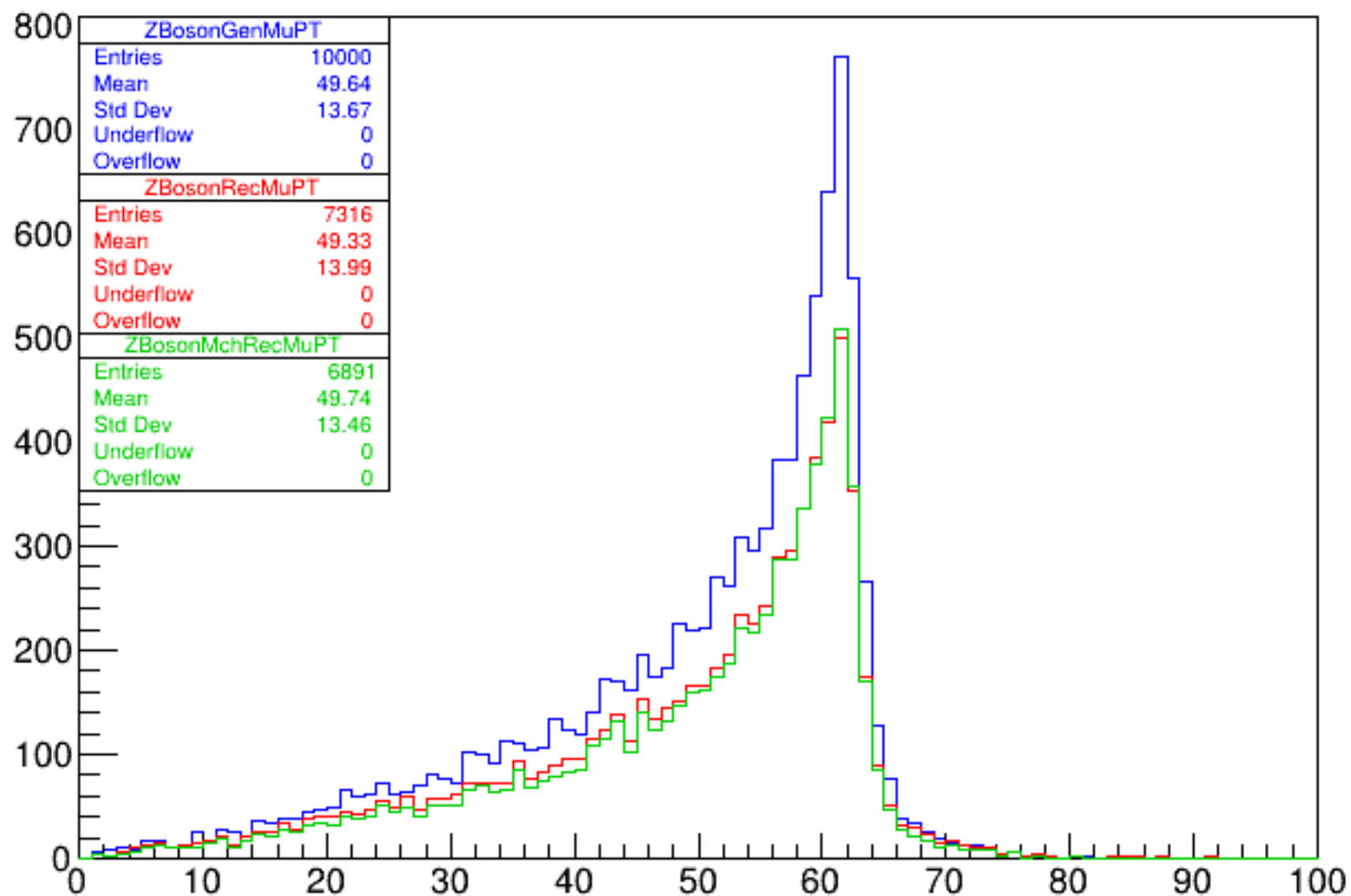
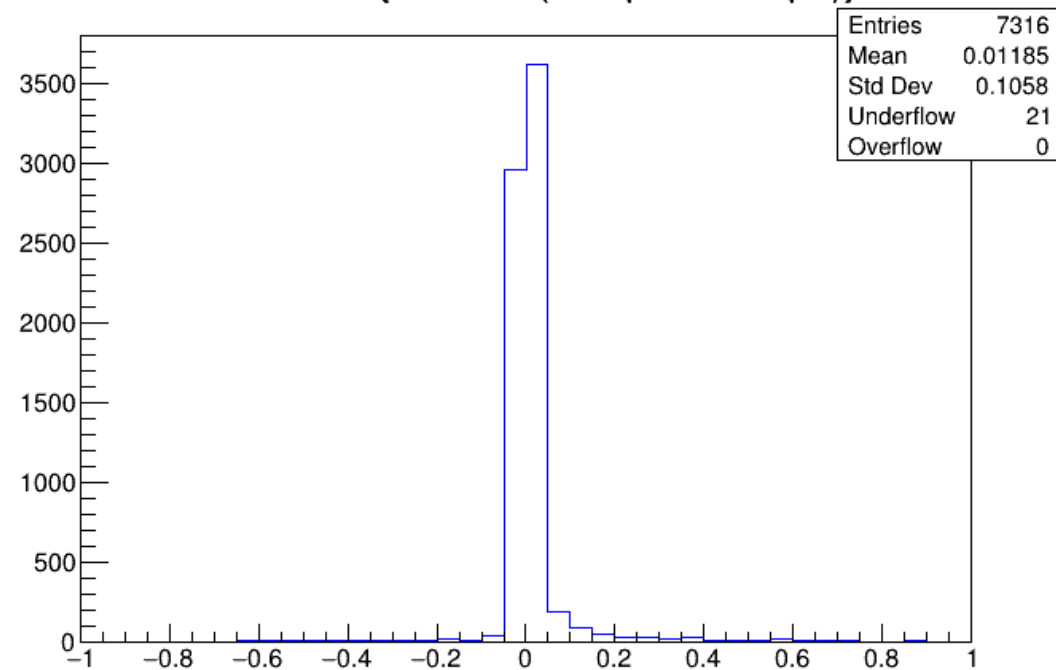


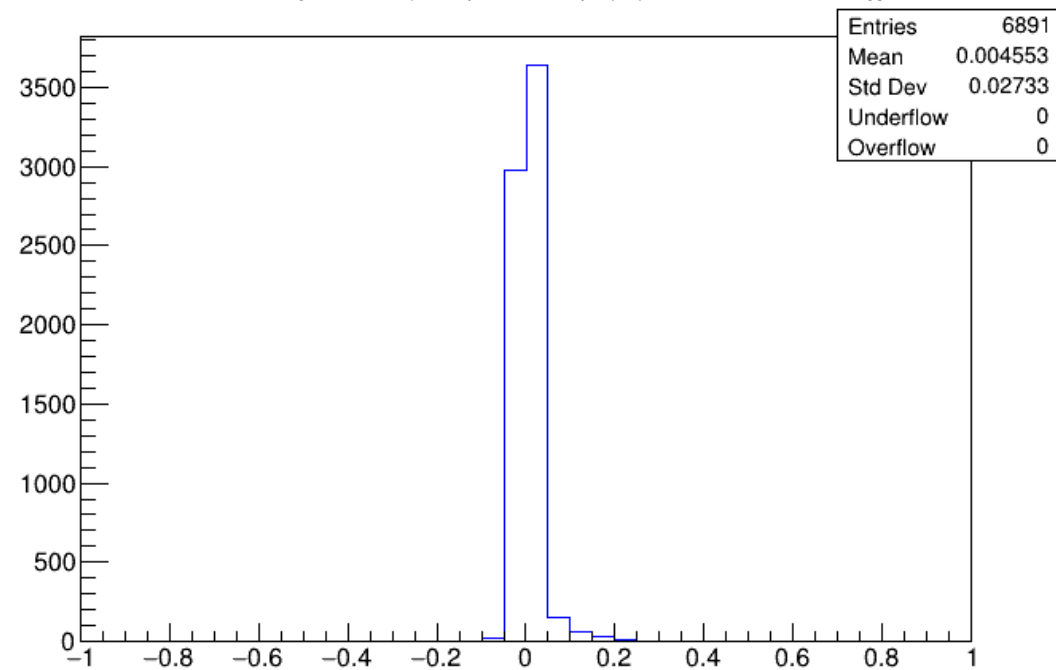
Compare Z Boson PT

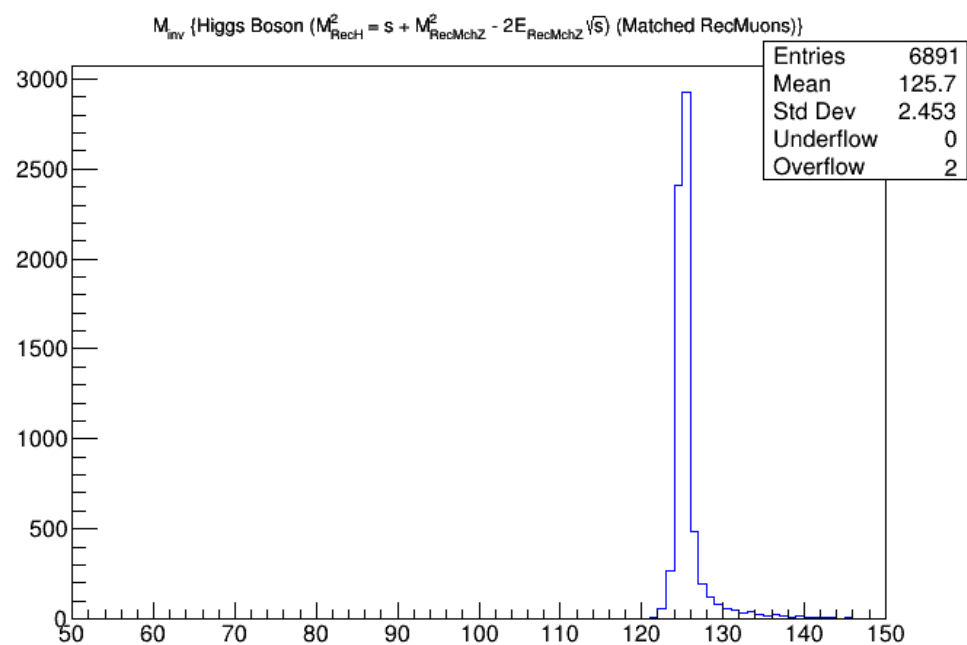
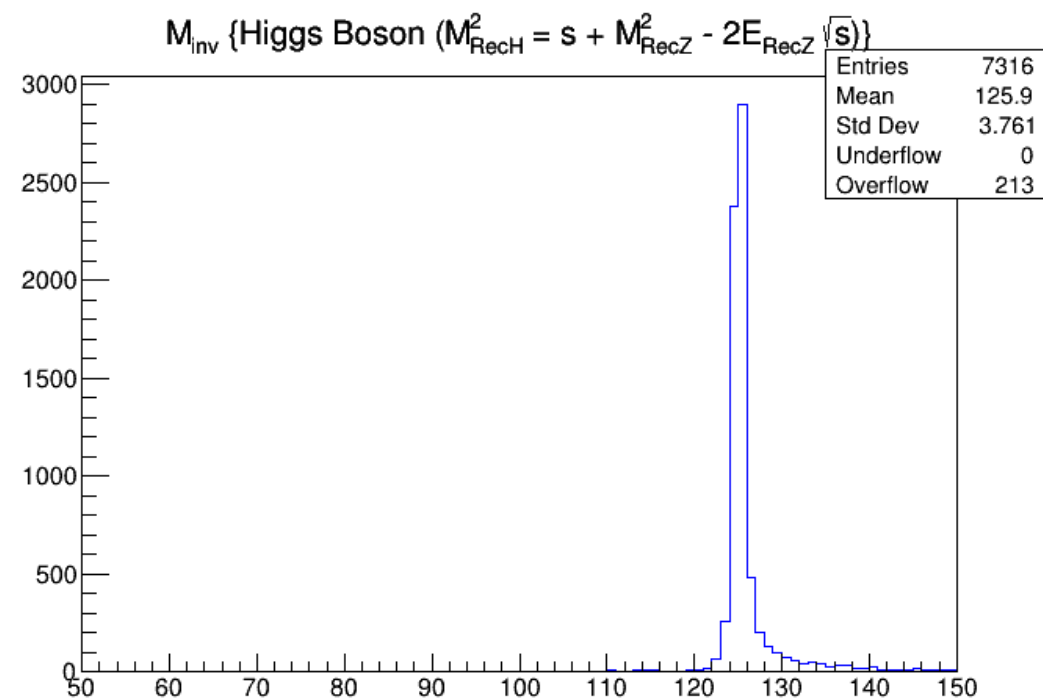
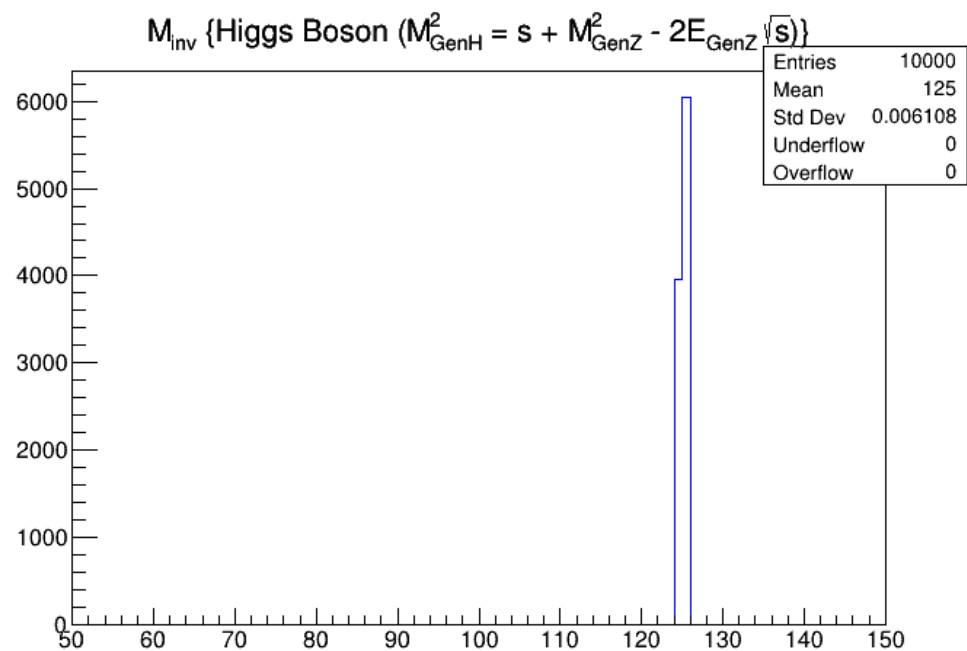


Resolution {Z Boson (Rec μ 1 + Rec μ 2)}



Resolution {Z Boson (Rec μ 1 + Rec μ 2), (Matched RecMuons)}

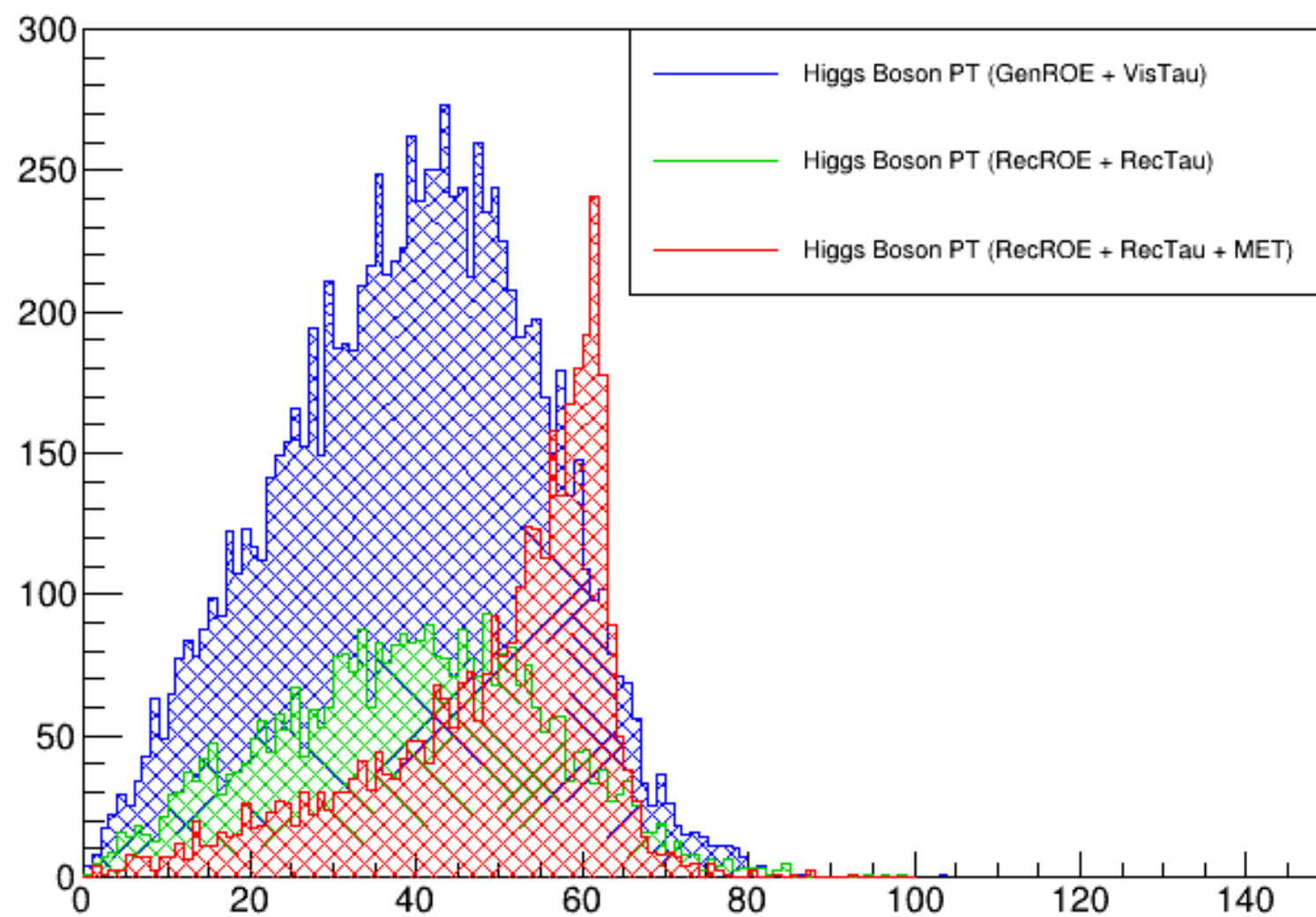




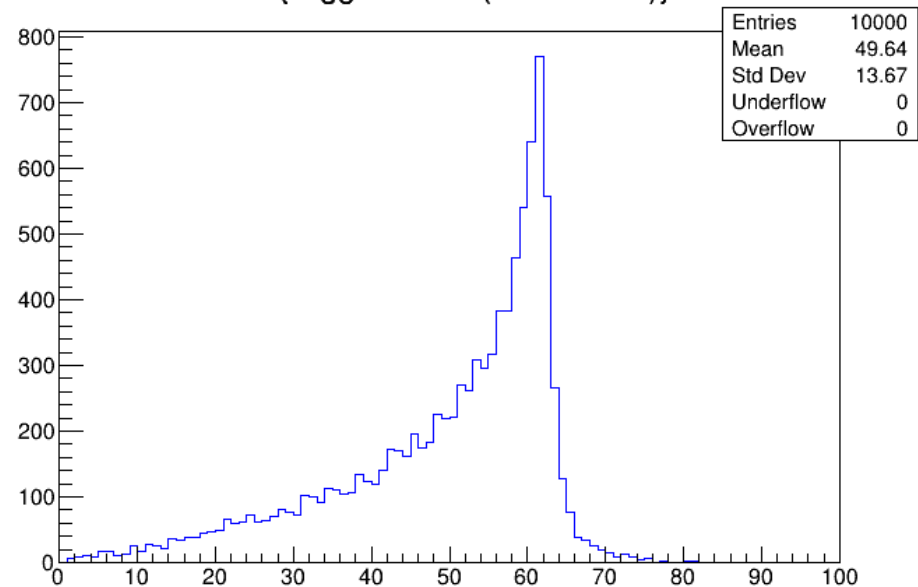
Higgs Boson PT

- `GenHiggsP4.SetPxPyPzE(-GenZBosonP4.Px(), -GenZBosonP4.Py(), -GenZBosonP4.Pz(), 250 - GenZBosonP4.E());`
- `GenHiggsPT = GenHiggsP4.Pt();`
- `histograms.Fill("GenHBosonPT", GenHiggsPT);`

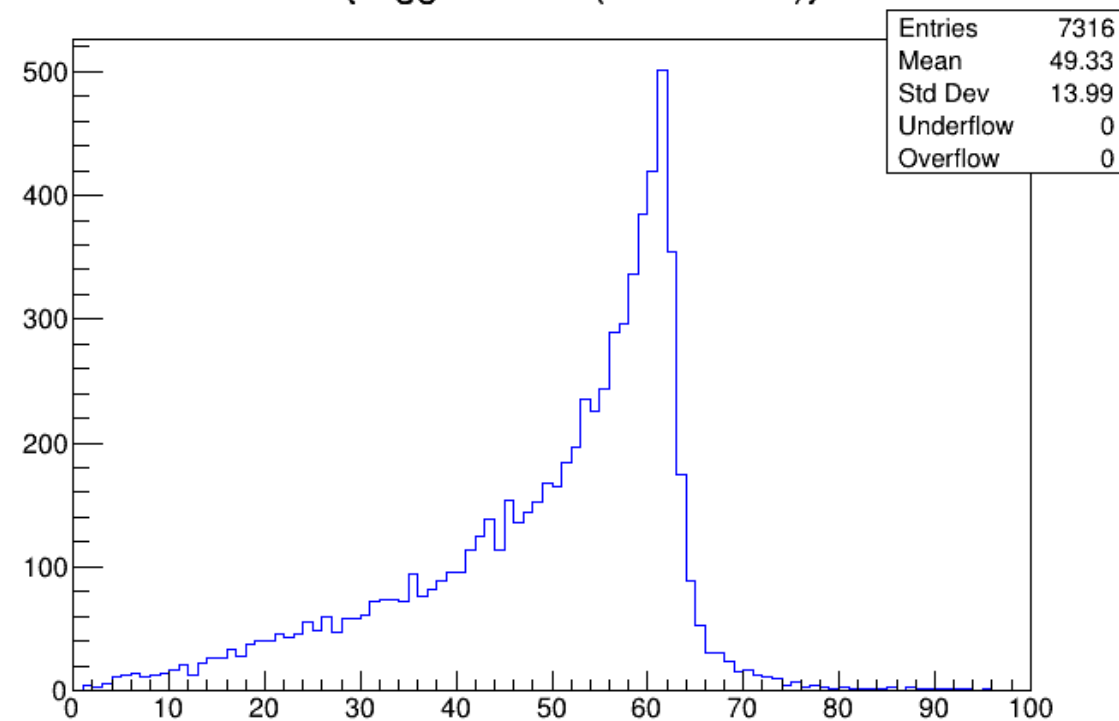
Higgs Boson PT Comparison



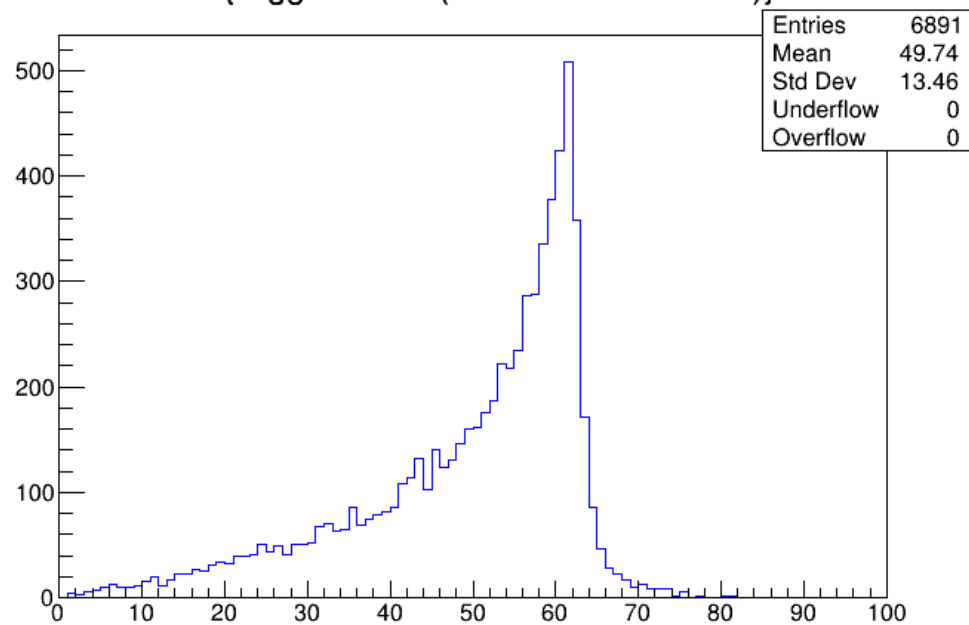
PT {Higgs Boson (GenMuons)}



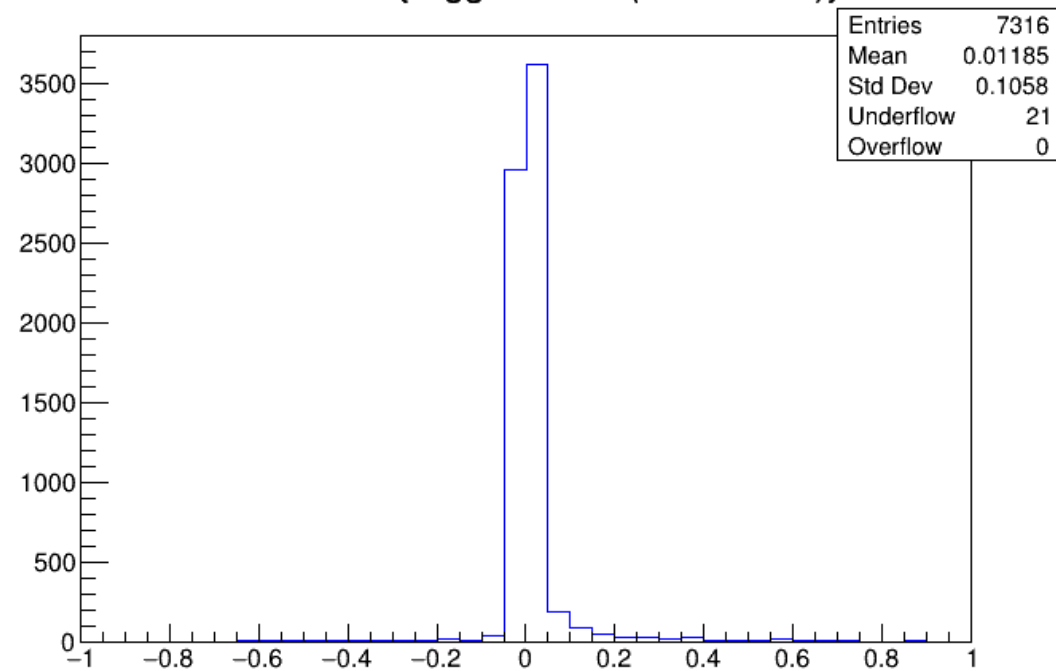
PT {Higgs Boson (RecMuons)}



PT {Higgs Boson (Matched RecMuons)}



Resolution {Higgs Boson (RecMuons)}



Resolution {Higgs Boson (Matched RecMuons)}

