

work status

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sample status

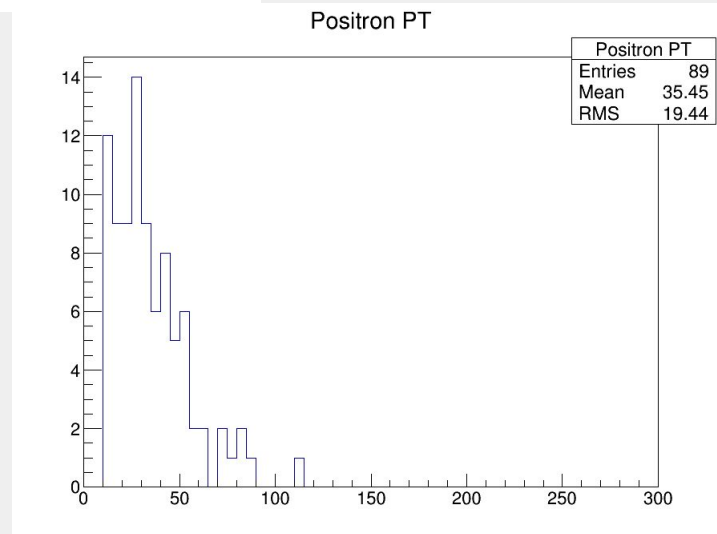
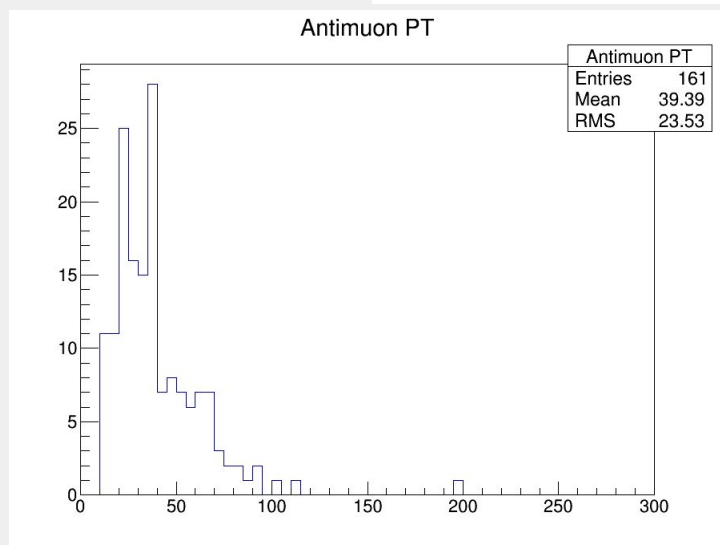
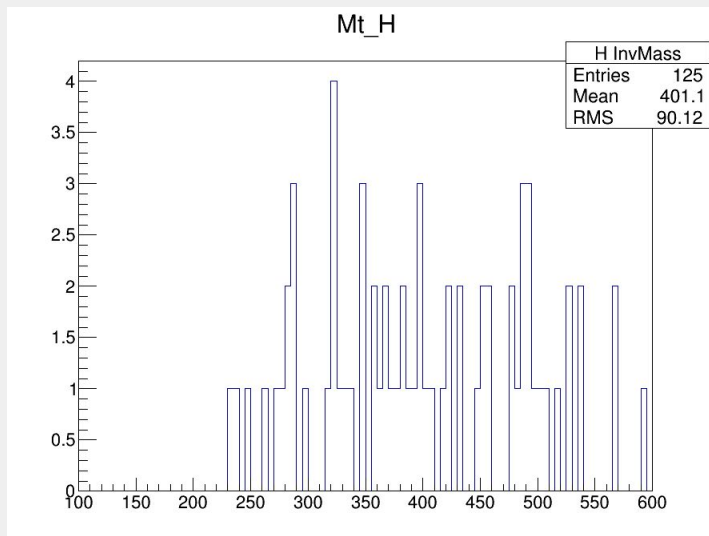
- ⊙ WWyy bkg:
 - » jjjjyy, 100K is almost done(tonight) using Alpgen
 - » jjlvyy (70K)
- ⊙ WWW signal:
 - » Thanks to Xifeng Ruan for the help on Pythia8
 - » MadGraph5: $p p \rightarrow h h$, standalone Pythia8: ' $h h \rightarrow w^+ w^- w^+ w^-$ '
 - » produced $h h \rightarrow w^+ w^- w^+ w^-$, $w^+ \rightarrow l^+ \nu$, $w^- \rightarrow x x$
 - » Delphes3.0, fast simulation
- ⊙ have a look at ' $l^+ \nu jj l^+ \nu jj$ ' final state, $l^+ = e^+$, μon^+ :

$l^+ \nu jj l^+ \nu jj$	selected	efficienfy
5522.5	125	2.26%

sample maybe generated wrongly, checking

$$1 + v_{jj} 1 + v_{jj}$$

$(\text{jetvec1} + \text{jetvec2} + \text{jetvec3} + \text{jetvec4} + \text{METvec} + \text{lvec1} + \text{lvec2}).\text{Mt}()$?



summary&to do

- ⦿ checking the www sample
- ⦿ Qualification task:
 - ›› start to look at the seeding codes from Weiming Yao