

# Weekly Meeting

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# yyWW framework's status

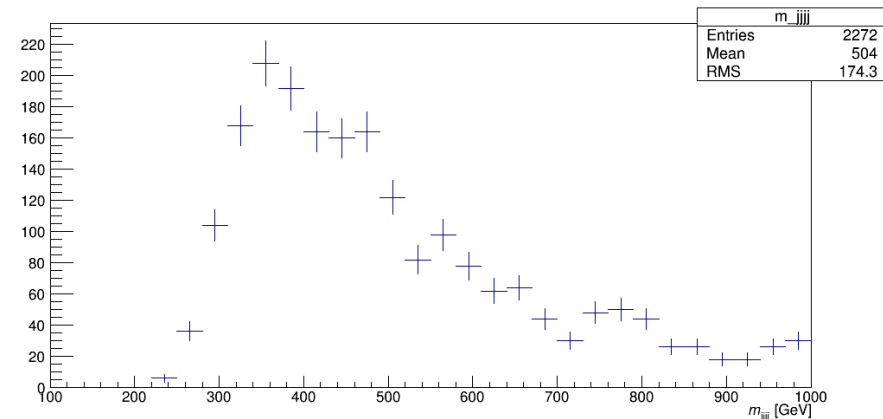
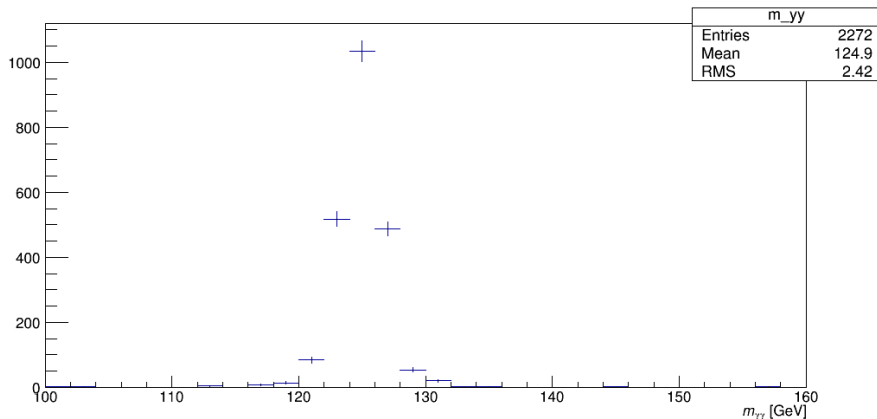
- The “overlap” has been implemented in the package.
- A bit issue in the ETmissing

# yyWW framework

- jjjj+yy
  - $Pt/m_{yy} \geq 0.35$  (leading) and 0.25 (subleading)
  - Photon ID and Iso same as Hgamma framework
  - B-veto
  - $Pt(\text{jets}): >25(\text{abs}(\eta)<2.4), >30(2.4<\text{abs}(\eta)<4.5)$
  - Number of jets:  $>4$
  - Jet ID and jvt same as Hgamma framework
- jjlv+yy
  - Number of leptons:  $>1$
  - $Pt(\text{muons}) > 4\text{Gev}$
  - $Pt(\text{electrons}) > 7\text{Gev}$
  - Others same as above

# yyWW framework

- Testing the framework on grid
  - mc15\_13TeV.341067.Pythia8EvtGen\_A14NNPDF2  
3LO\_WH125\_gamgam.merge.DAOD\_HIGG1D1.e3  
796\_s2608\_s2183\_r6765\_r6282\_p2421



# yyWW framework

