Weekly Meeting

Qi Li

2/22/2016

$WW\gamma\gamma$ framework
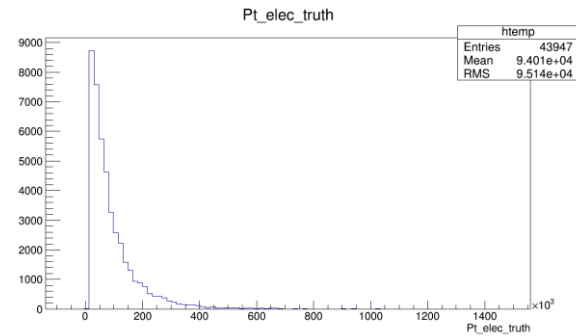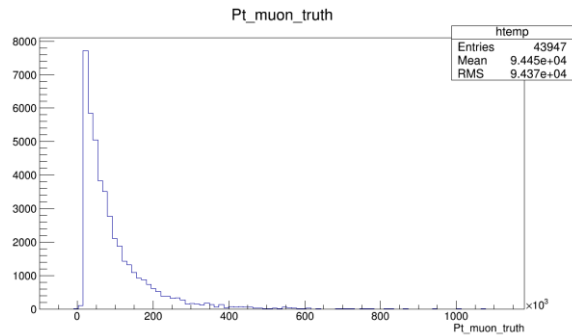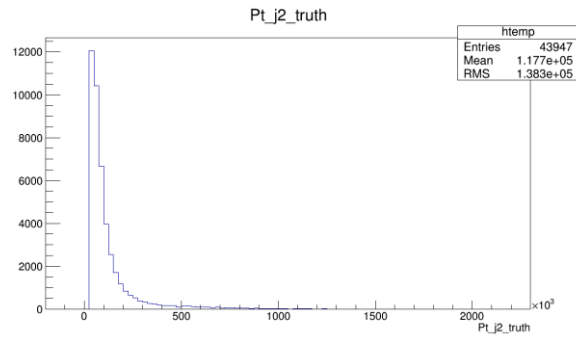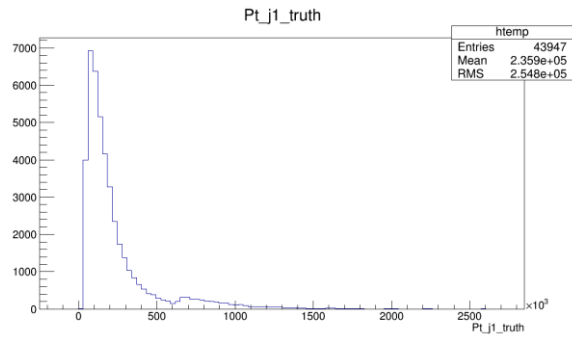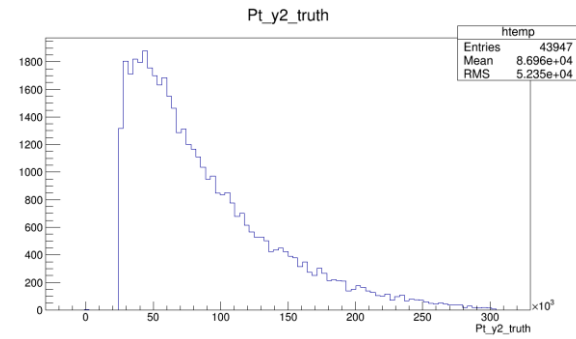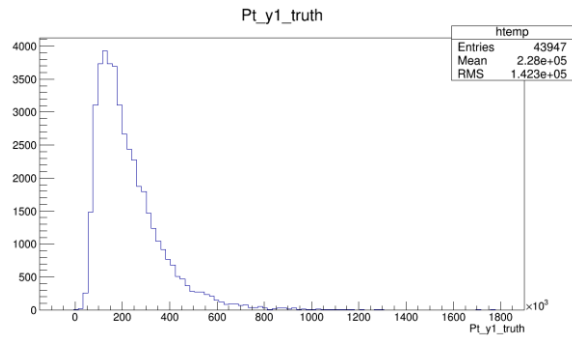
- Add the weight in the codes
- Add the Cut-Flow in the codes
- Edit the code for obtaining the truth.

Cut Flow-updated

$\epsilon - jjl\upsilon\gamma\gamma$		SM Higgs Pair
Generated		100%
Trigger		78.5%
GRL		78.5%
Detector DQ		78.5%
has PV		78.5%
2 loose photons		65.0%
e-y ambiguity		64.4%
tight ID		53.8%
Isolation	With Weight	45.2%
rel.Pt cuts		43.0%
At least two jets		36.4% (39.2%)
Bveto		27.5% (28.7%)
At least one lepton		12.1% (9.6%)

Kinematics-truth

Kinematics-truth