

Weekly Meeting

Qi LI

11/16/2015

yyWW Framework Status

- Cuts:
- Two tight photons
- Photons' Pt: $Pt/m_{yy} \geq 0.35$ (leading) and 0.25 (subleading)
- Four jets
- Jets' Pt: ≥ 25 ($abs(eta) < 2.4$) and ≥ 30 ($2.4 < abs(eta) < 4.5$)
- B-veto
- Muons' Pt: $> 4\text{Gev}$
- Electrons' Pt: $> 7\text{GeV}$

$\gamma\gamma WW(jjjj\gamma\gamma)$

- $\gamma\gamma WW$, non-res, DAOD, signal

mc15_13TeV.342621.aMcAtNloHerwigppEvtGen_UEEE5_CTEQ6L1_CT10ME_hh_ $\gamma\gamma WW$.merge.DAOD_HIGG1D1.e4419_a766_a777_r6282_p2421

