Status Report

2015. 12. 9

Nam Jong Woo

Action Item

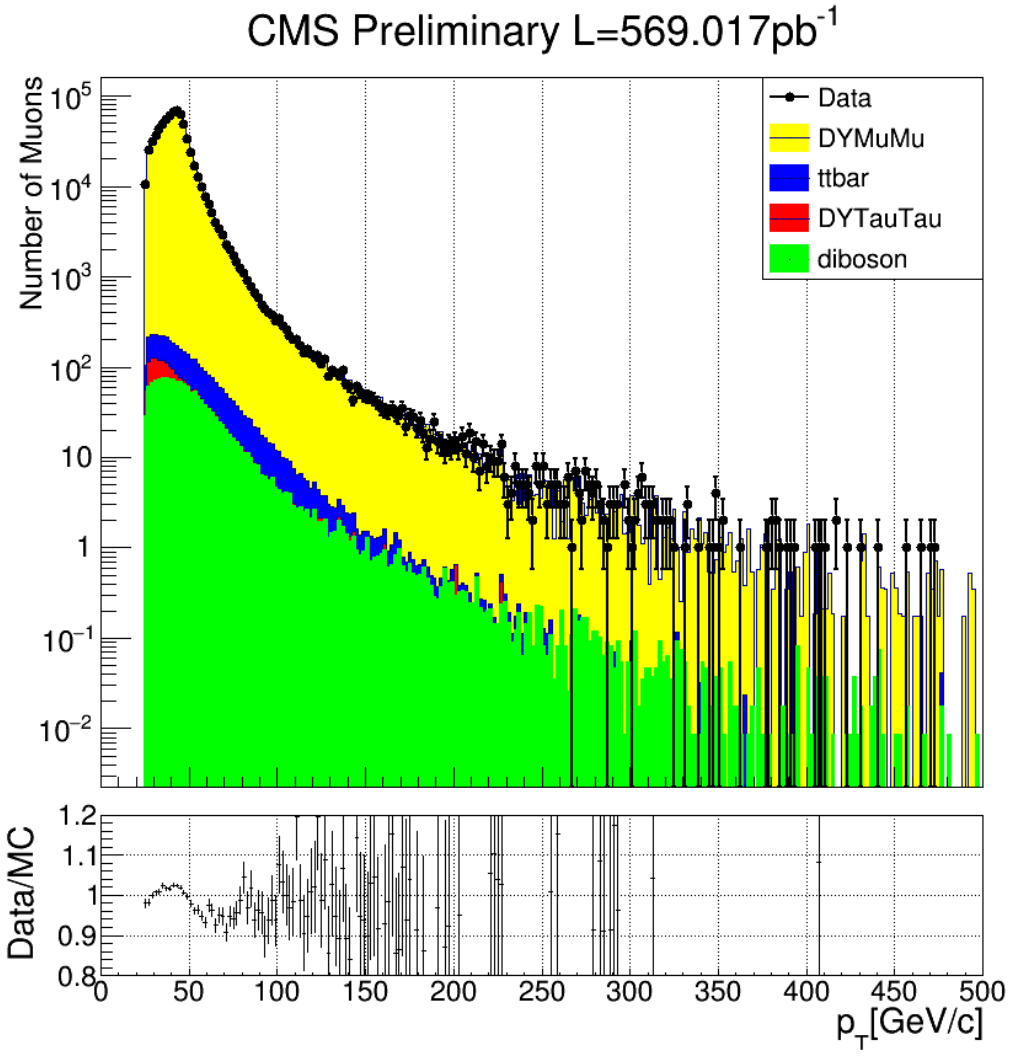
- Background Estimation
  - Normalization Factor
  - Numbers
  - THStack

Normalization Factor

	σ	N_{total}	Norm. Factor	N_{sel}	N_{sel}/F_{norm}
DYMuMu	2008.4×3	4.53×10^{11}	7.57×10^{-6}	weighted sum	
DYTauTau	2008.4×3	4.53×10^{11}	7.57×10^{-6}	weighted sum	
ttbar	831.76	19,900,300	2.38×10^{-2}	83,450	1985
WW	118.7	994,416	6.79×10^{-2}	3,476	236
WZ	66.1	999,248	3.76×10^{-2}	22,984	865
ZZ	15.4	996,944	8.79×10^{-3}	44,652	392
Total					

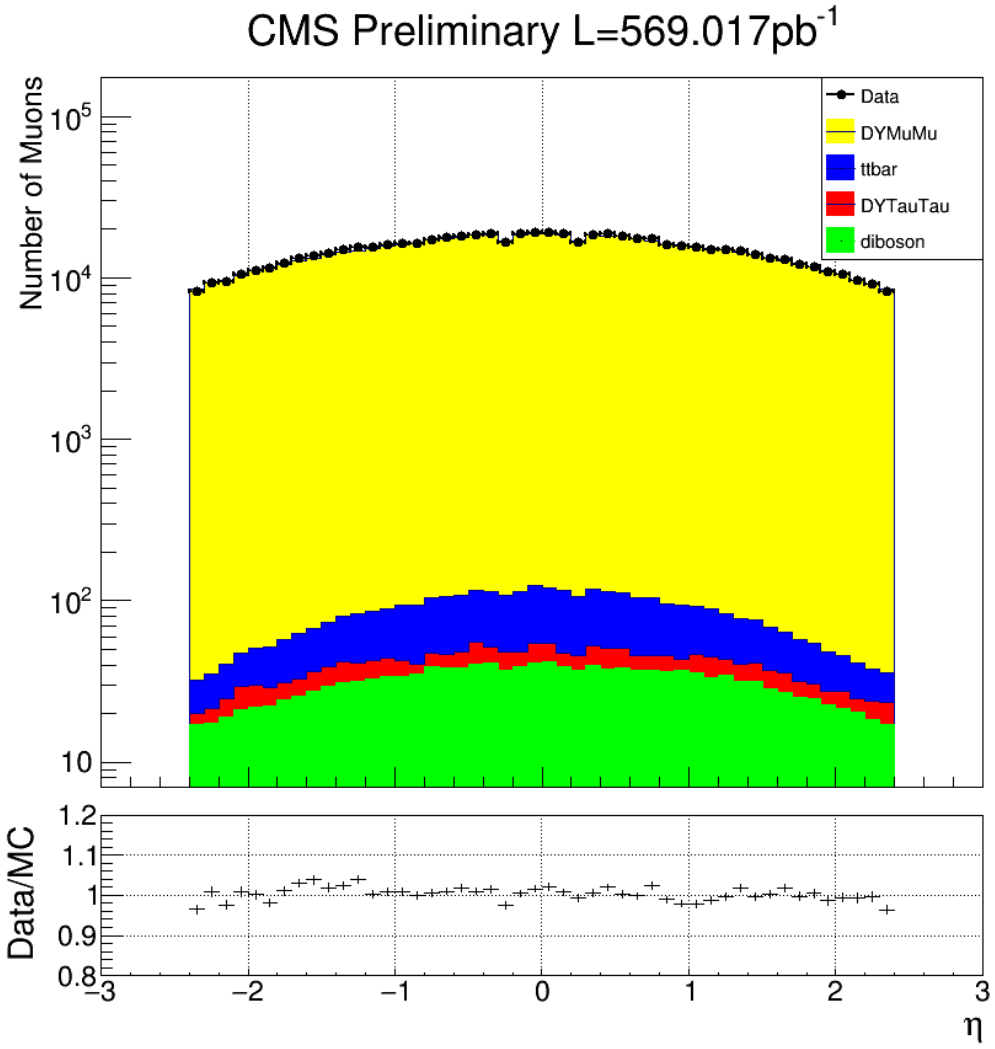
$$Normalization\ Factor = \frac{L \times \sigma}{N_{total}}$$

THStack p_T



DYMuMu	
ttbar	83,450
DYTauTau	3,402
Diboson	71,112

THStack η



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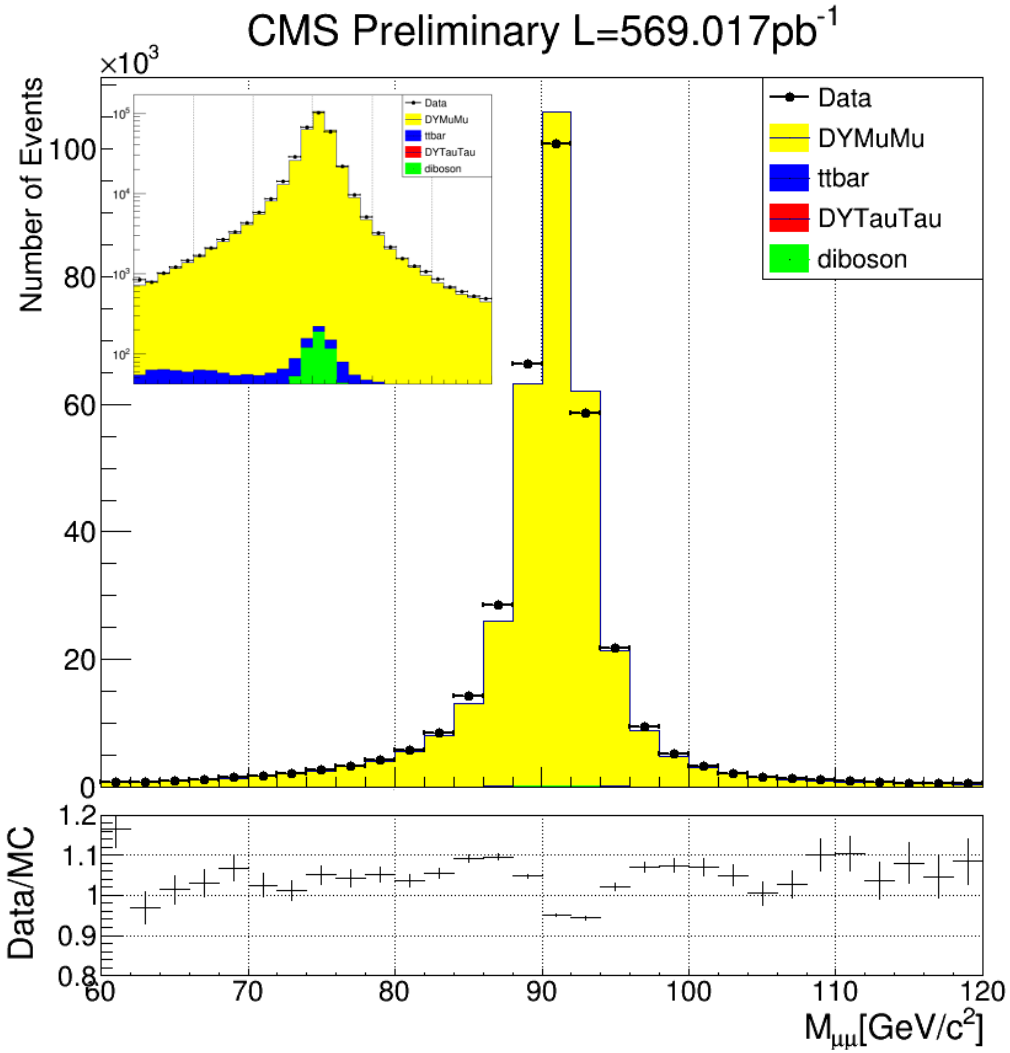

DYMuMu	
ttbar	41,725
DYTauTau	1,701
Diboson	35,556