

Work status

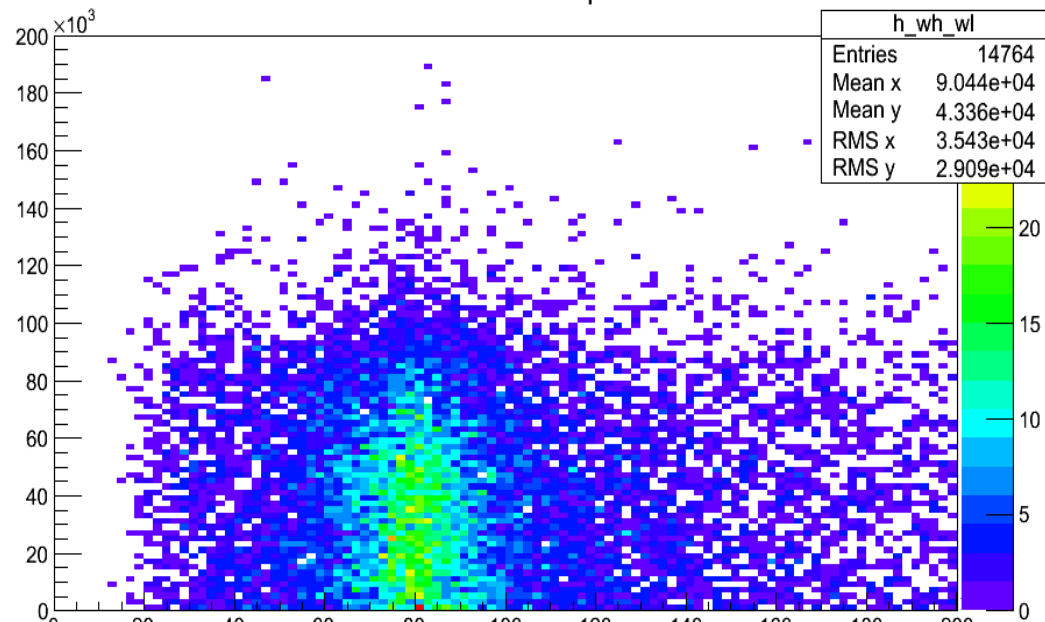
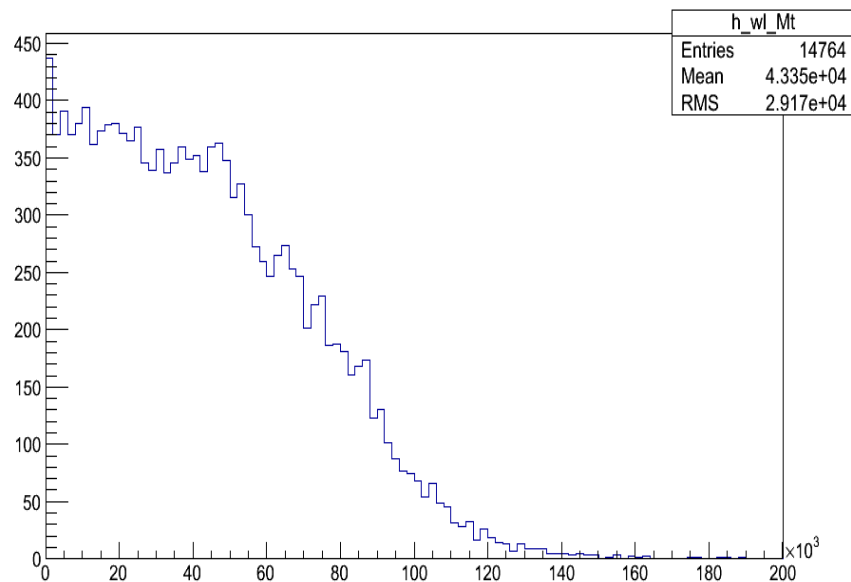
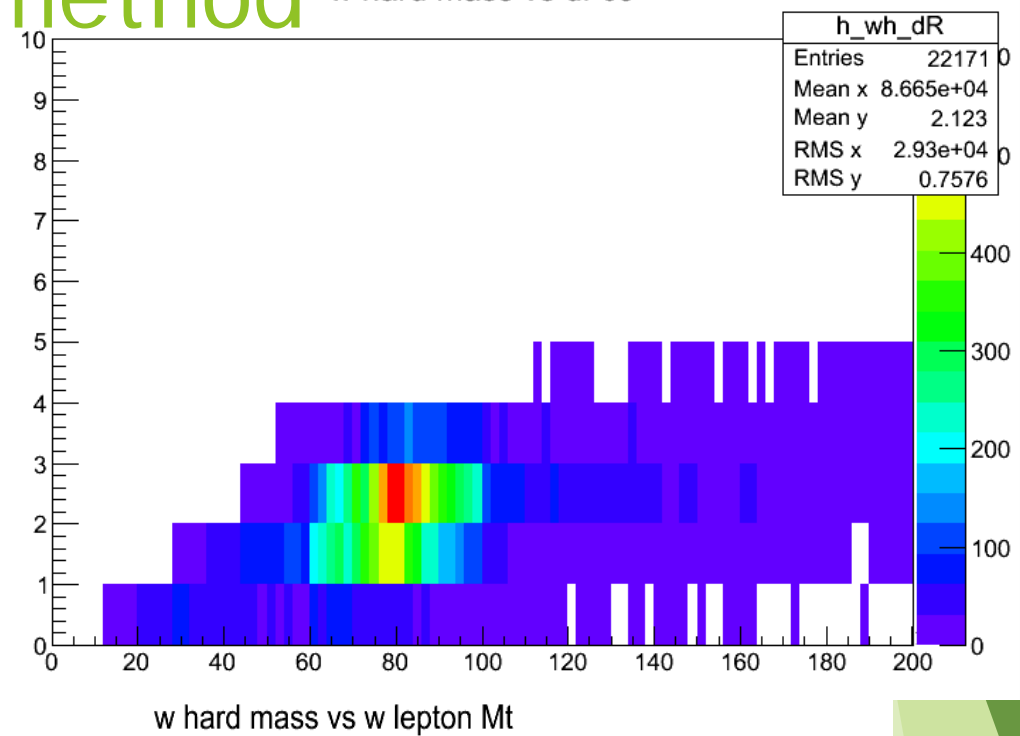
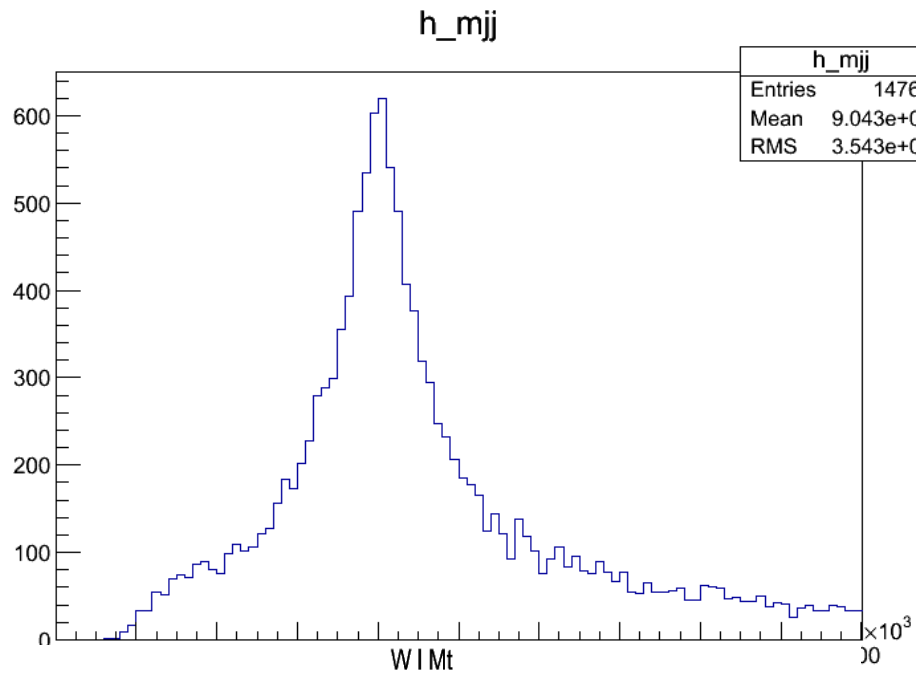
Huijun

2014.6.4

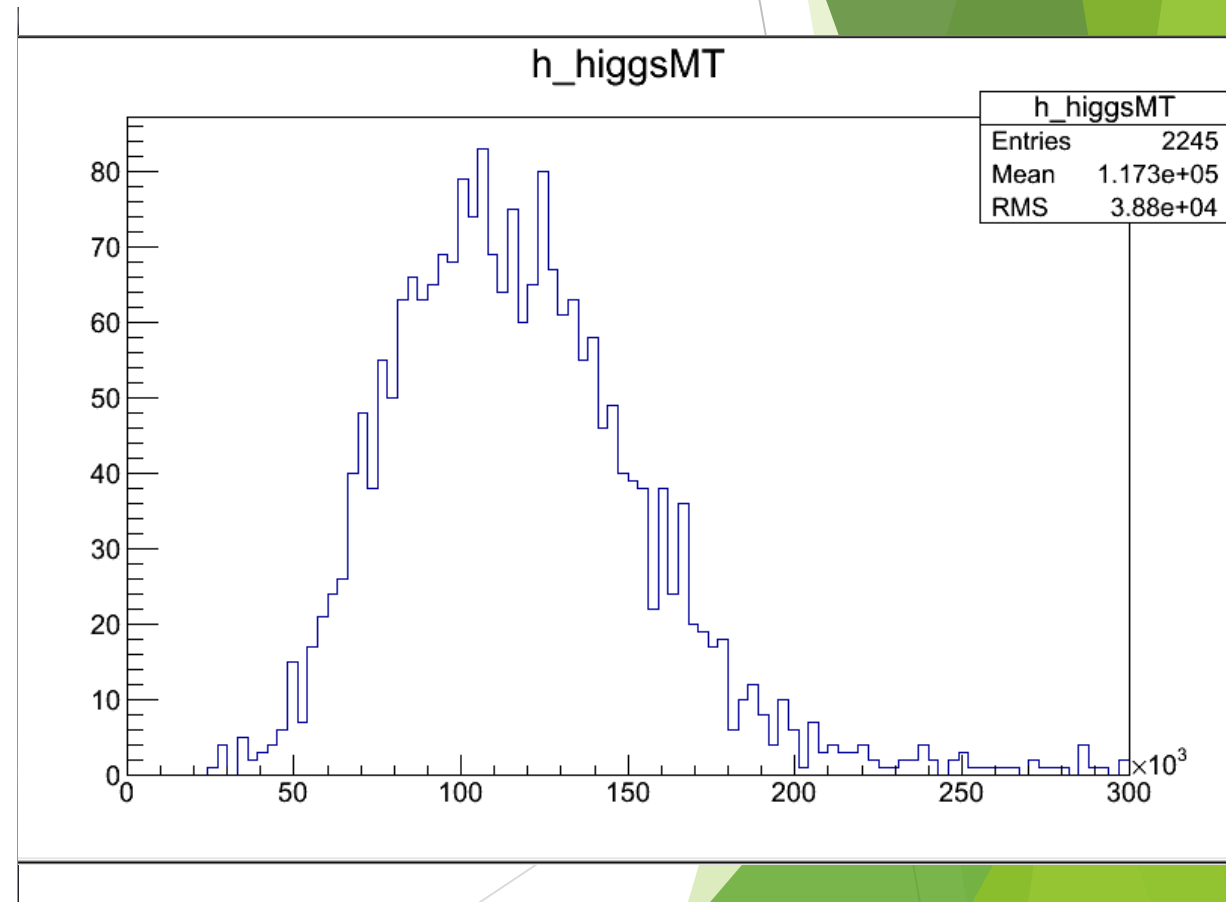
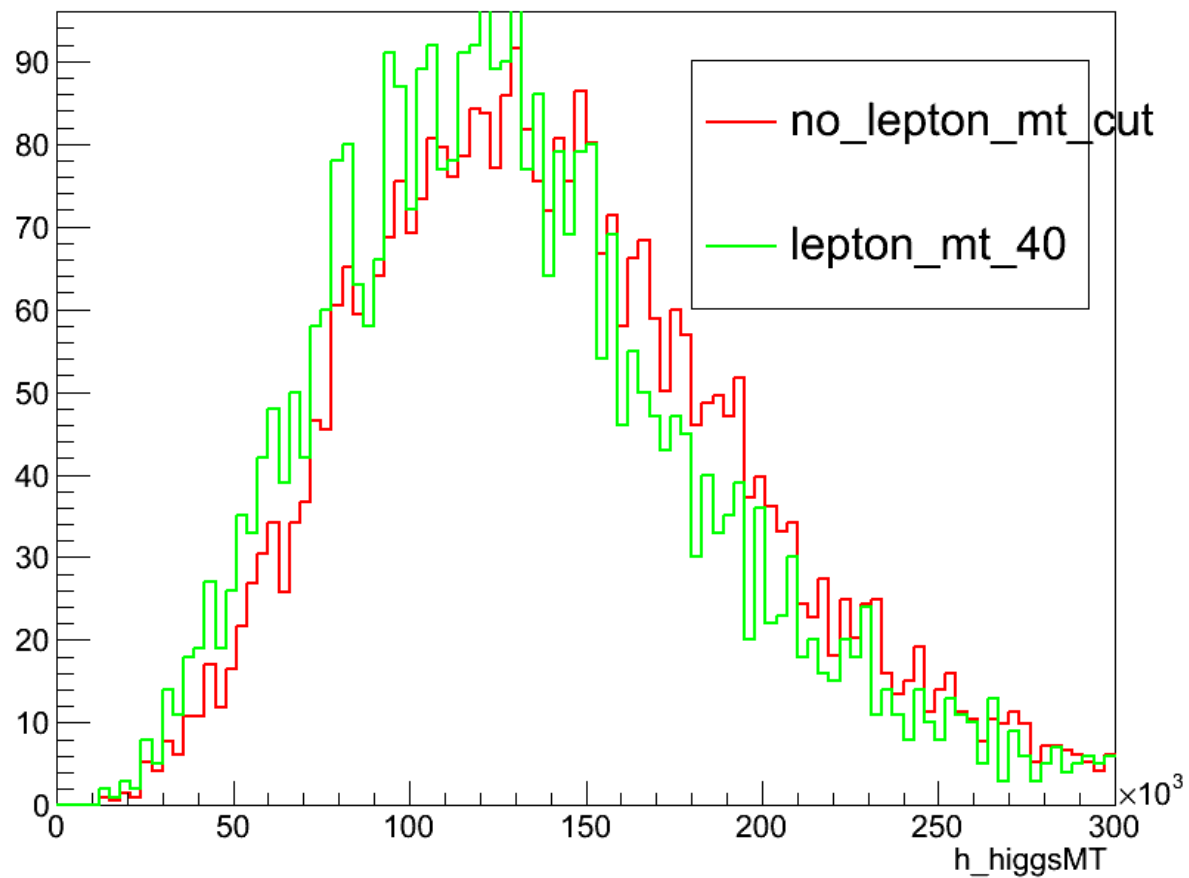
A brief cut flow in 1 lepton Channel

cut	efficiency	Number 500000 in total
Standard HSG1 cut	34%	169135
1lepton, at least 2jets	2.9%	14903
Number of b jets < 2		14764
$ M_{jj} - M_W < 20\text{GeV}$	1.5%	7407

Some result after using ADP method w hard mass vs dr JJ



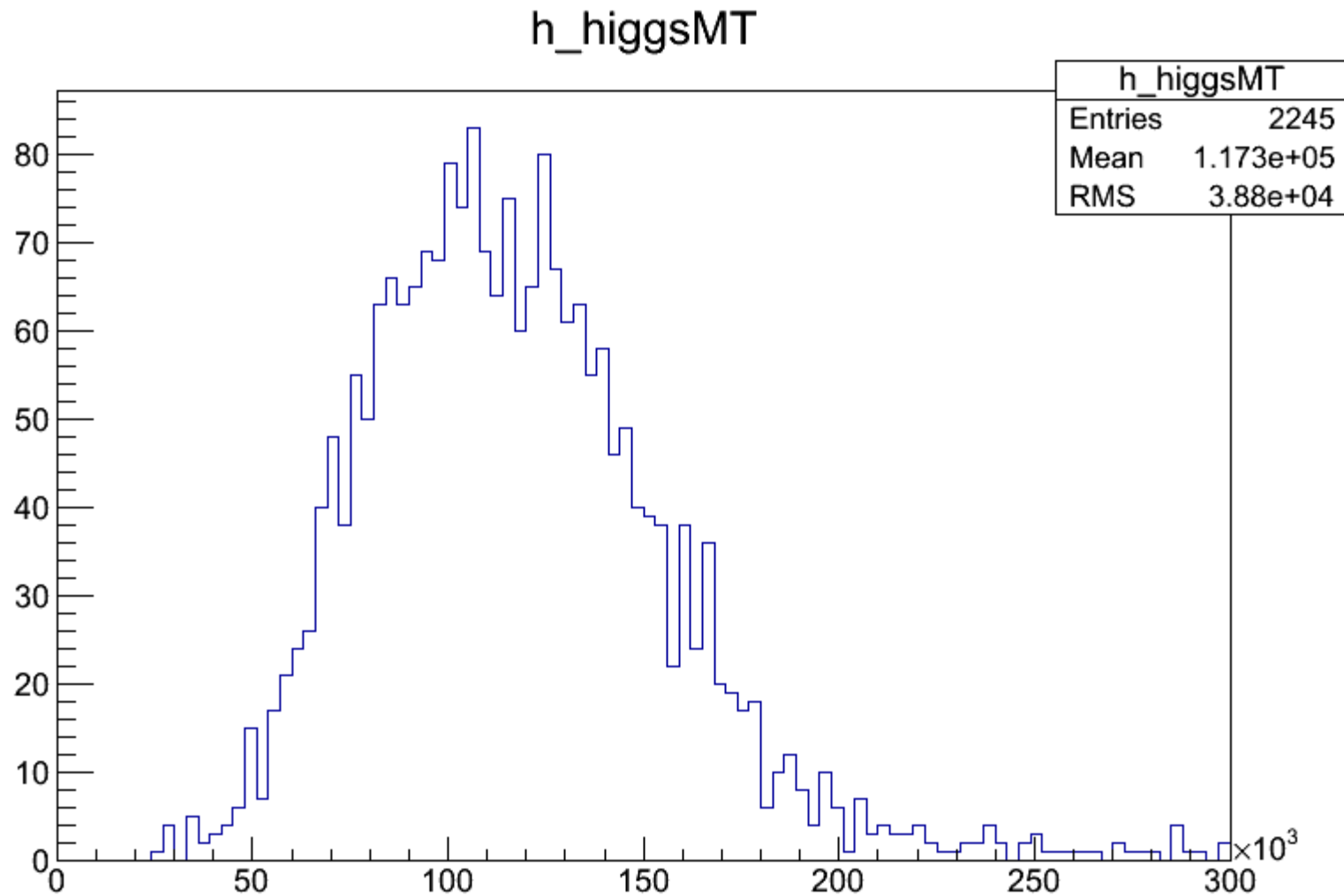
Compare to the result of 2lepton Channel



A brief cut flow of 2 lepton channel

cut	efficiency	Number 500000 in total
Standard HSG1 cut	34%	169135
2lepton	0.6%	3088
MET > 20 GeV		2551
$ M_{ll}-M_Z > 10\text{GeV}$ & $M_{ll} > 10\text{GeV}$	0.45%	2245

Higgs MT of 2 lepton Channel



Dumper again

- ▶ The efficiency is too low on lepton
- ▶ Maybe we can loose the cut on muon and electron

