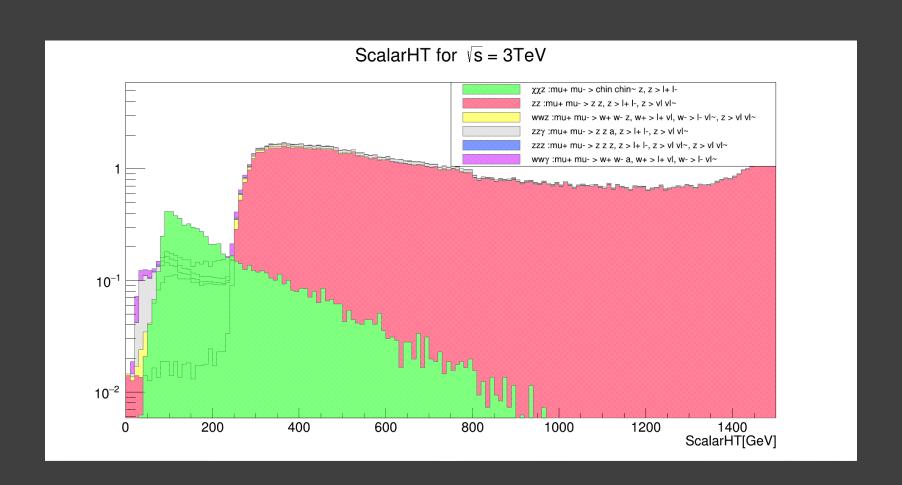
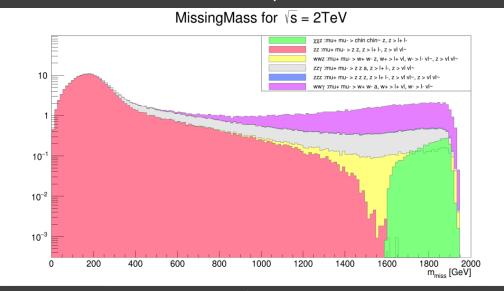
#### HT



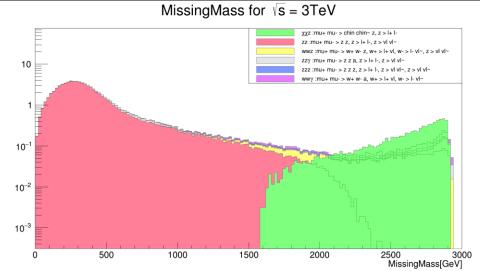
Scalar sum of transverse momenta and energy of all reconstructed objects

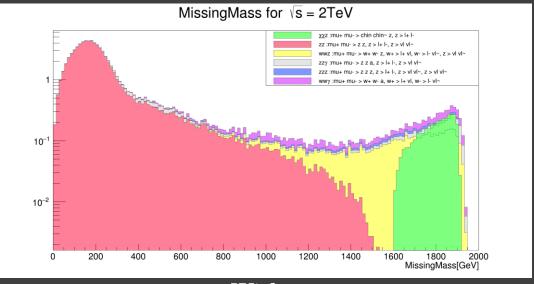


#### • Selection: HT $< 0.2\sqrt{s}$

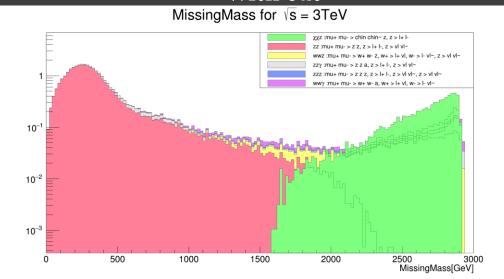


# 

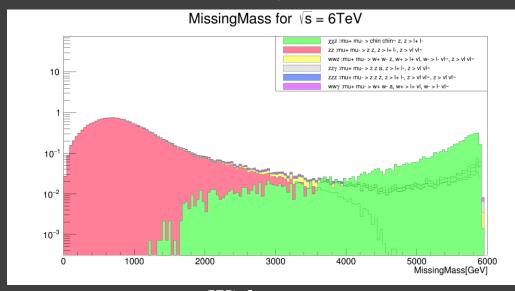


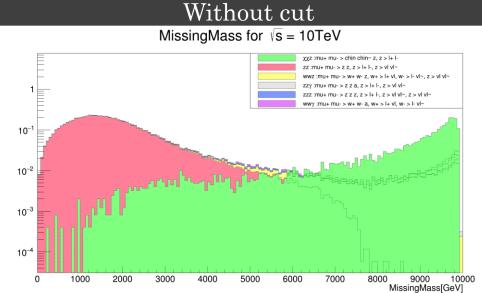


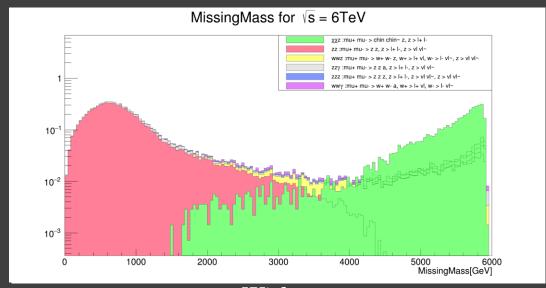
#### With cut

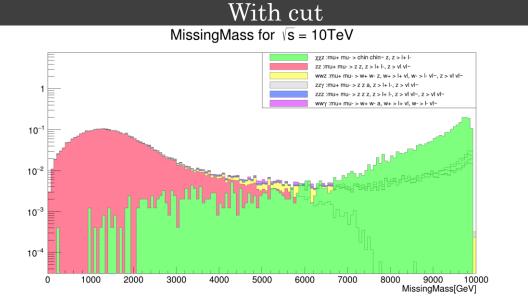


• Selection: HT  $< 0.2\sqrt{s}$ 

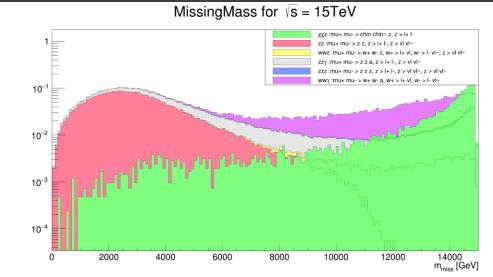


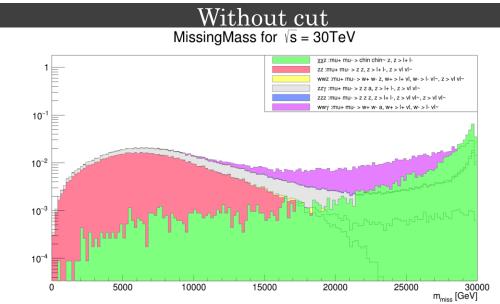


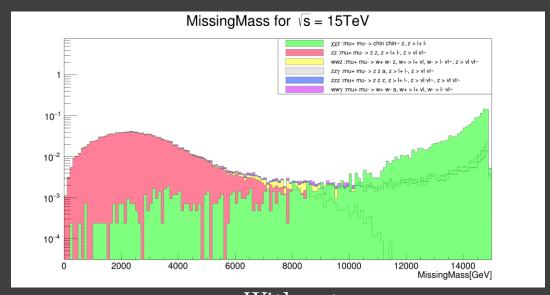


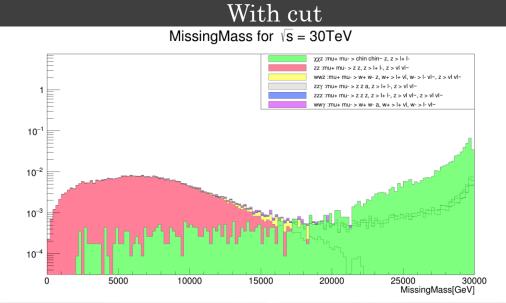


Selection: HT  $< 0.2\sqrt{s}$ 





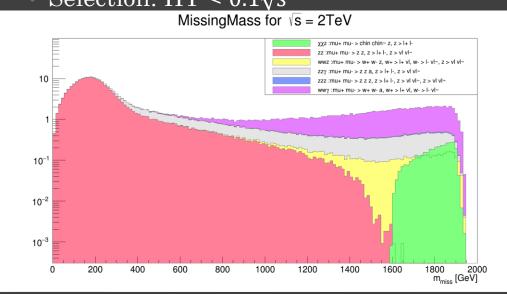


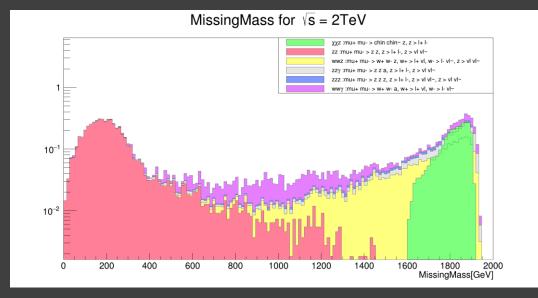


500

1000

• Selection: HT <  $0.1\sqrt{s}$ 





#### MissingMass for $\sqrt{s} = 3TeV$ χχz :mu+ mu- > chin chin~ z, z > l+ lzz :mu+ mu- > z z, z > l+ l-, z > vl vl~ wwz :mu+ mu- > w+ w- z, w+ > l+ vl, w- > l- vl~, z > vl vl~ zzy :mu+ mu- > z z a, z > l+ l-, z > vl vl~ zzz :mu+ mu- > z z z, z > l+ l-, z > vl vl~, z > vl vl~ wwy :mu+ mu- > w+ w- a, w+ > l+ vl, w- > l- vl~ $10^{-3}$

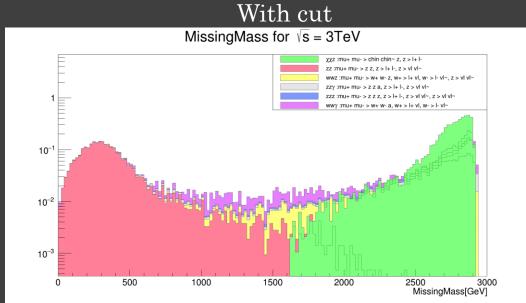
1500

2000

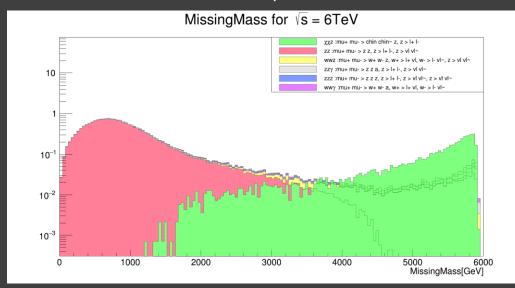
2500 300 MissingMass[GeV]

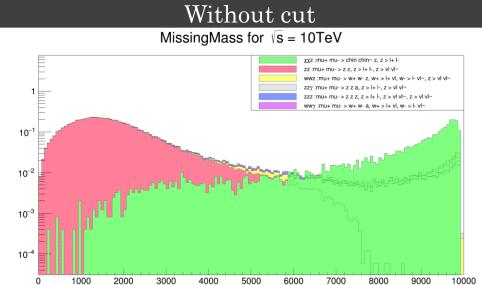
3000

Without cut

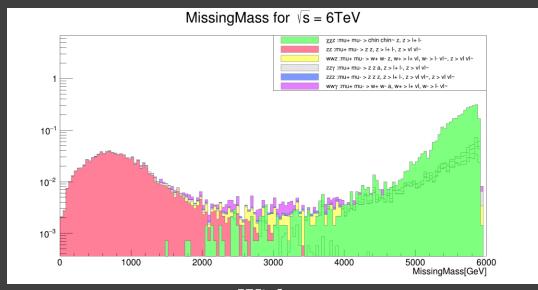


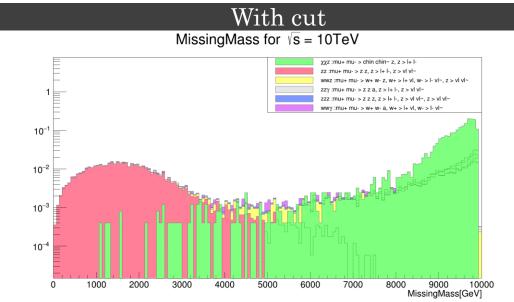
Selection: HT  $< 0.1\sqrt{s}$ 





MissingMass[GeV]





Selection: HT  $< 0.1\sqrt{s}$ 

