

t \bar{t} (γ) Control Region

double binning



p_T^{leading}
p_T^{trailing}
p_T^{N_{Jets}}
H_T ϕ ^{leading}
 ϕ ^{trailing}
p_T^{miss}
p_T ^{γ} η ^{trailing}
 η ^{leading}
m_{ll}

normal binning

p_T^{leading}
p_T^{trailing}
p_T^{N_{Jets}}
H_T ϕ ^{leading}
 ϕ ^{trailing}
p_T^{miss}
p_T ^{γ} η ^{trailing}
 η ^{leading}
m_{ll}

half binning

p_T^{leading}
p_T^{trailing}
p_T^{N_{Jets}}
H_T ϕ ^{leading}
 ϕ ^{trailing}
p_T^{miss}
p_T ^{γ} η ^{trailing}
 η ^{leading}
m_{ll}

- α (int. method)
-  stat. error (int. method)
-  α (χ^2 method)
- mean (χ^2 method)

0.7

0.75

0.8

0.85

Scale Factor $\alpha_{t\bar{t}(\gamma)}$