

t \bar{t} (γ) Control Region

double binning

normal binning

half binning

$p_{\text{T}}^{\text{leading}}$
 $p_{\text{T}}^{\text{trailing}}$
 $p_{\text{T}} N_{\text{Jets}}$
 H_{T}
 ϕ^{leading}
 ϕ^{trailing}
 $p_{\text{T}}^{\text{miss}}$
 p_{T}^{γ}
 η^{trailing}
 η^{leading}
 m_{ll}

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 m_{ll}

- α from int. method
- stat. error from int. method
- α from χ^2 method
- mean from χ^2 method

0.7

0.75

0.8

0.85

0.9

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