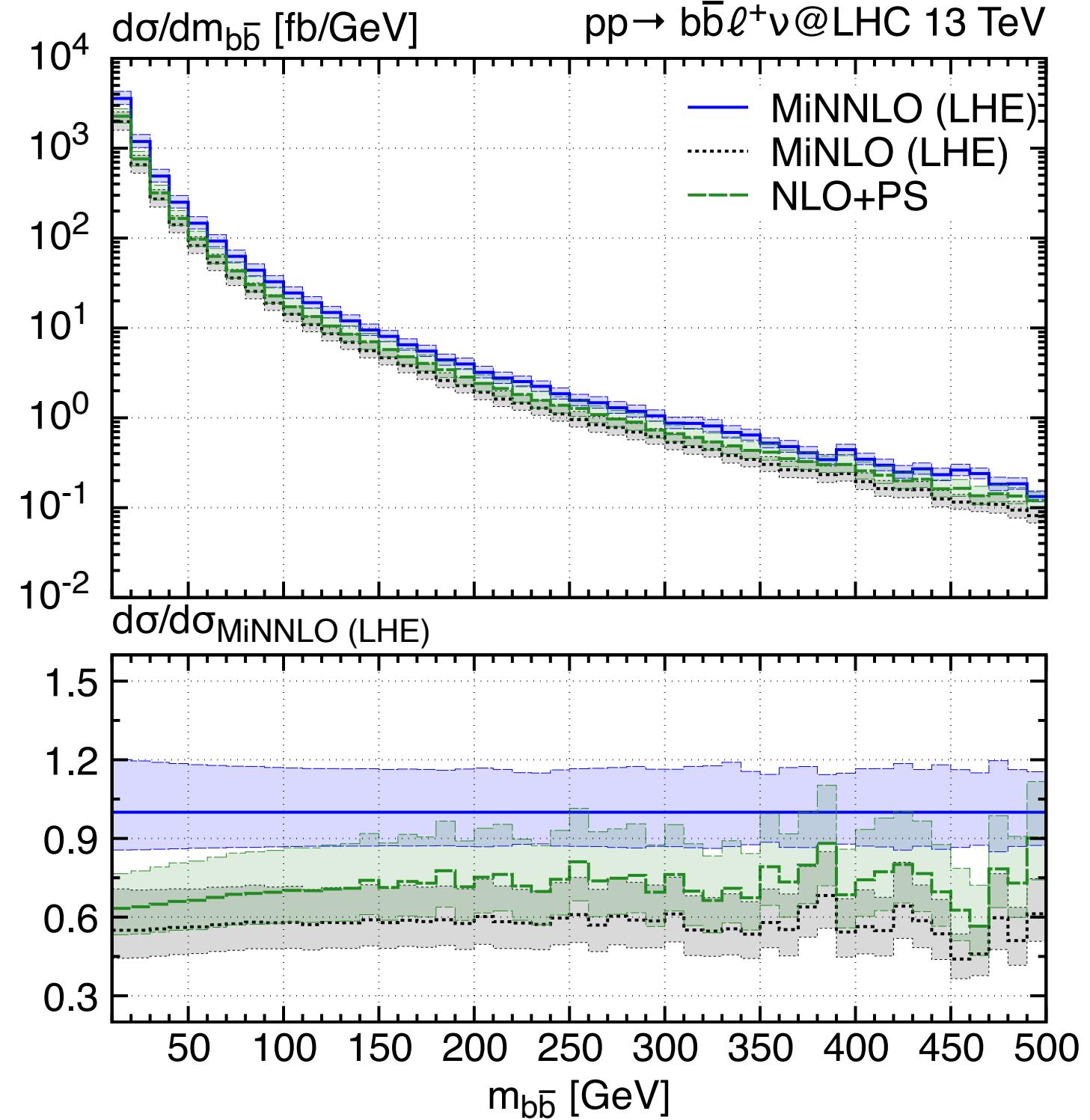
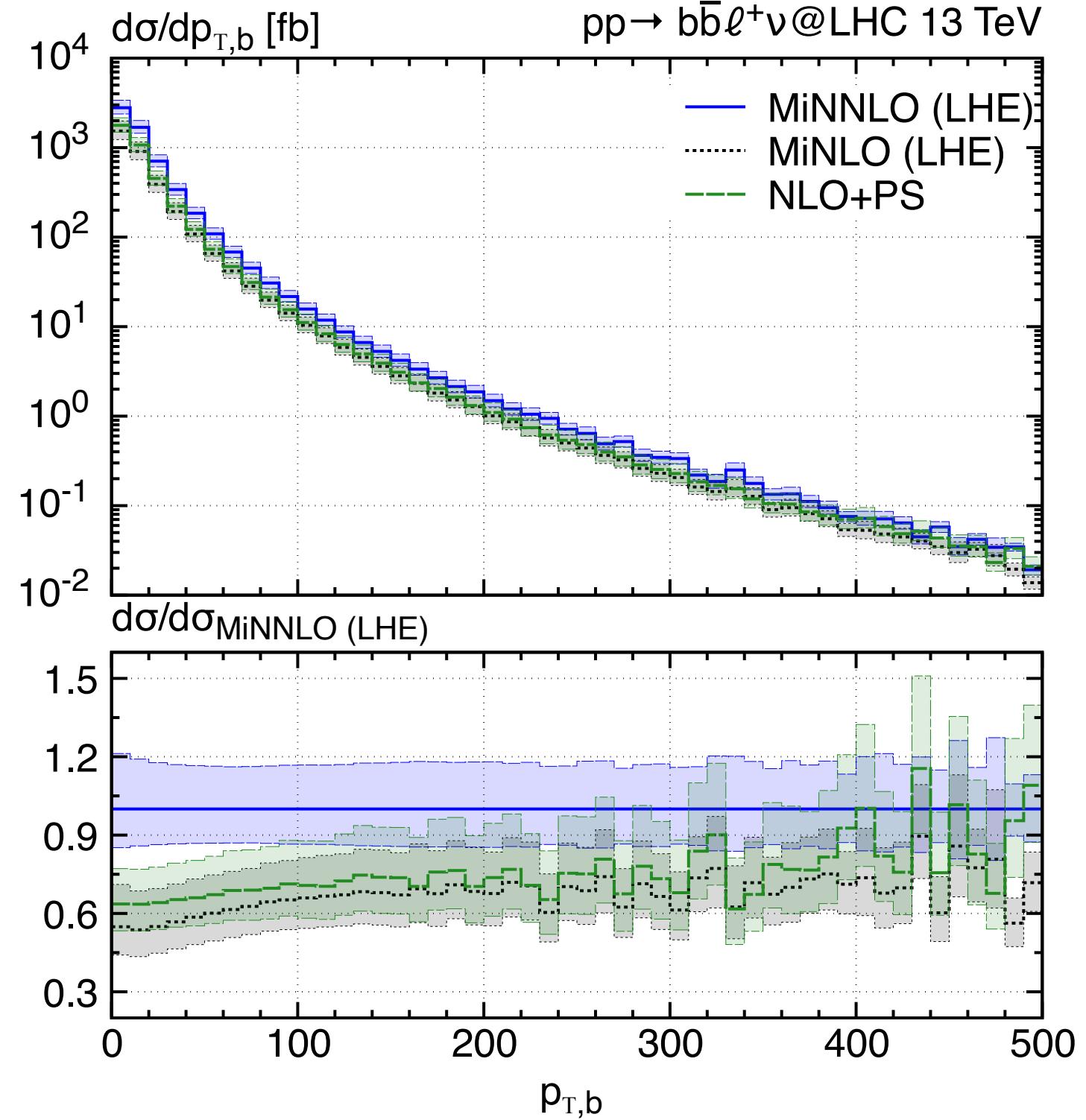
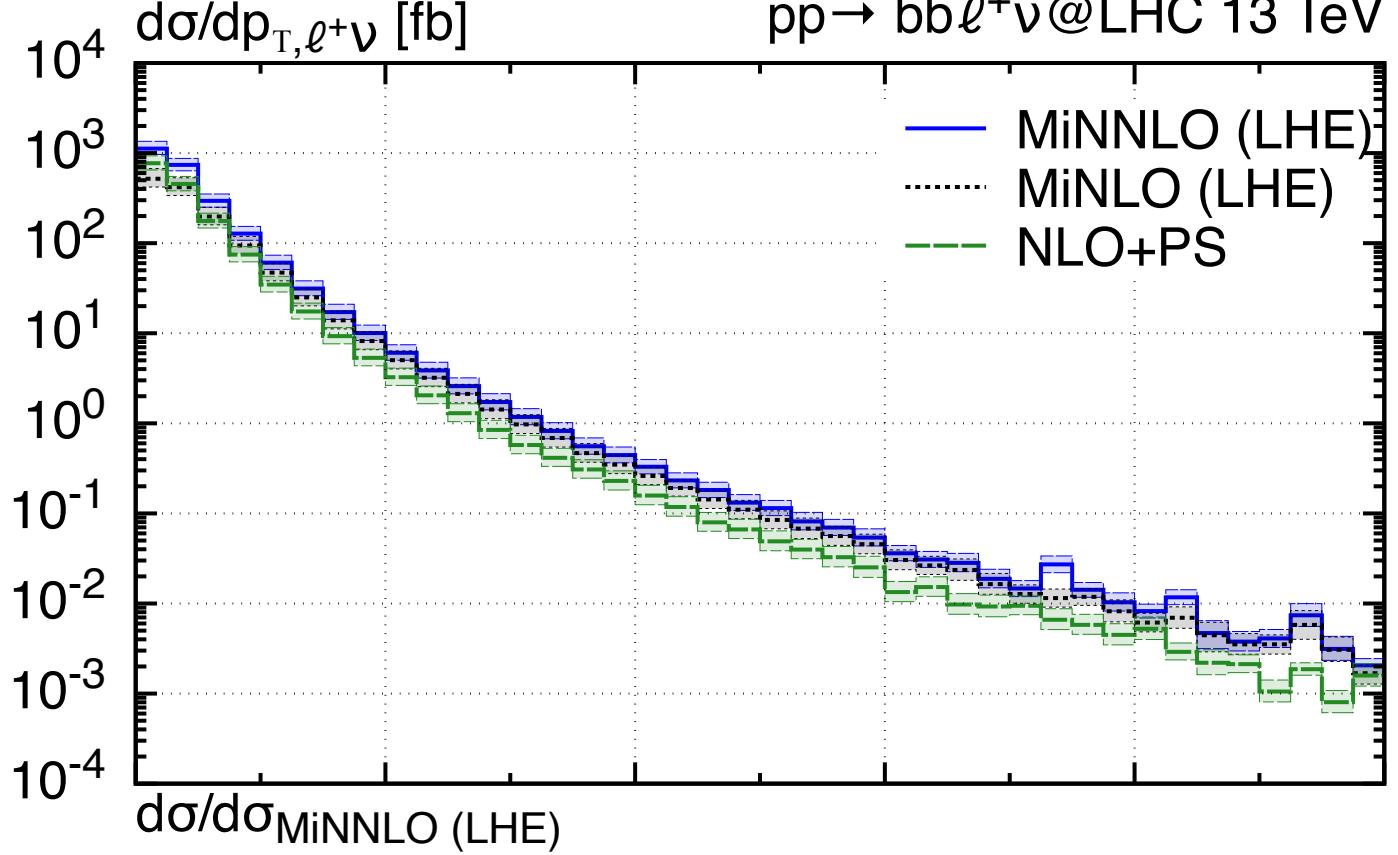
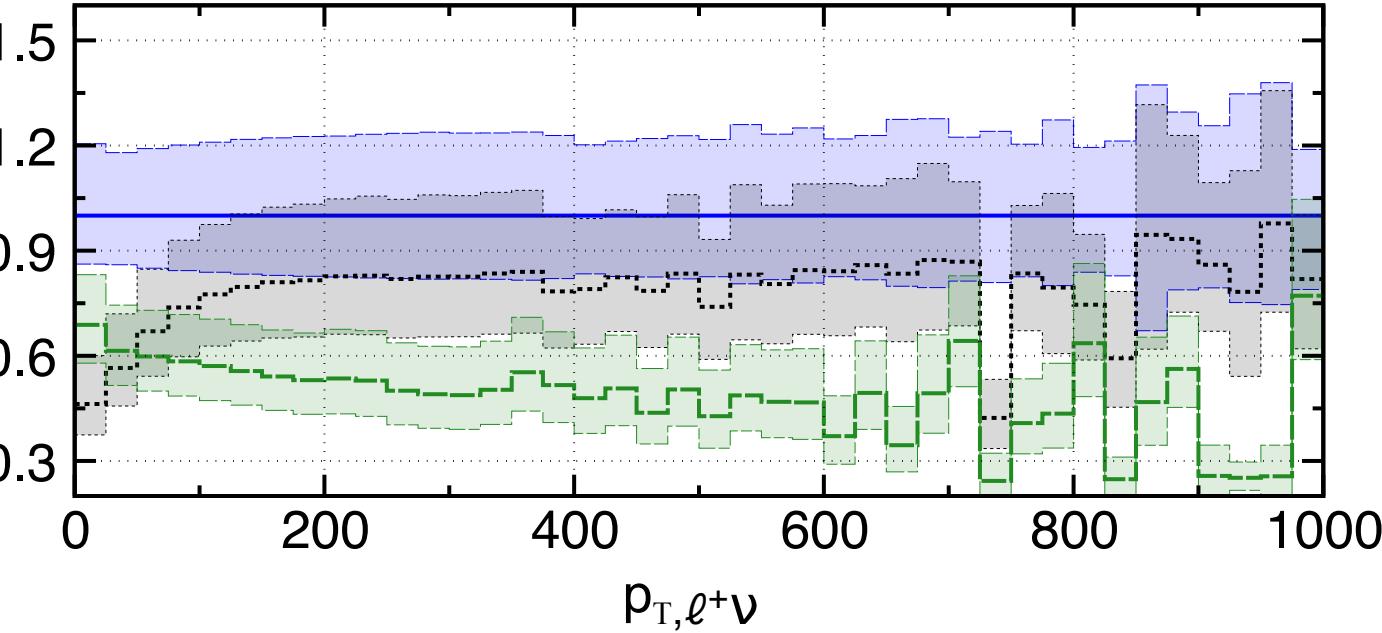


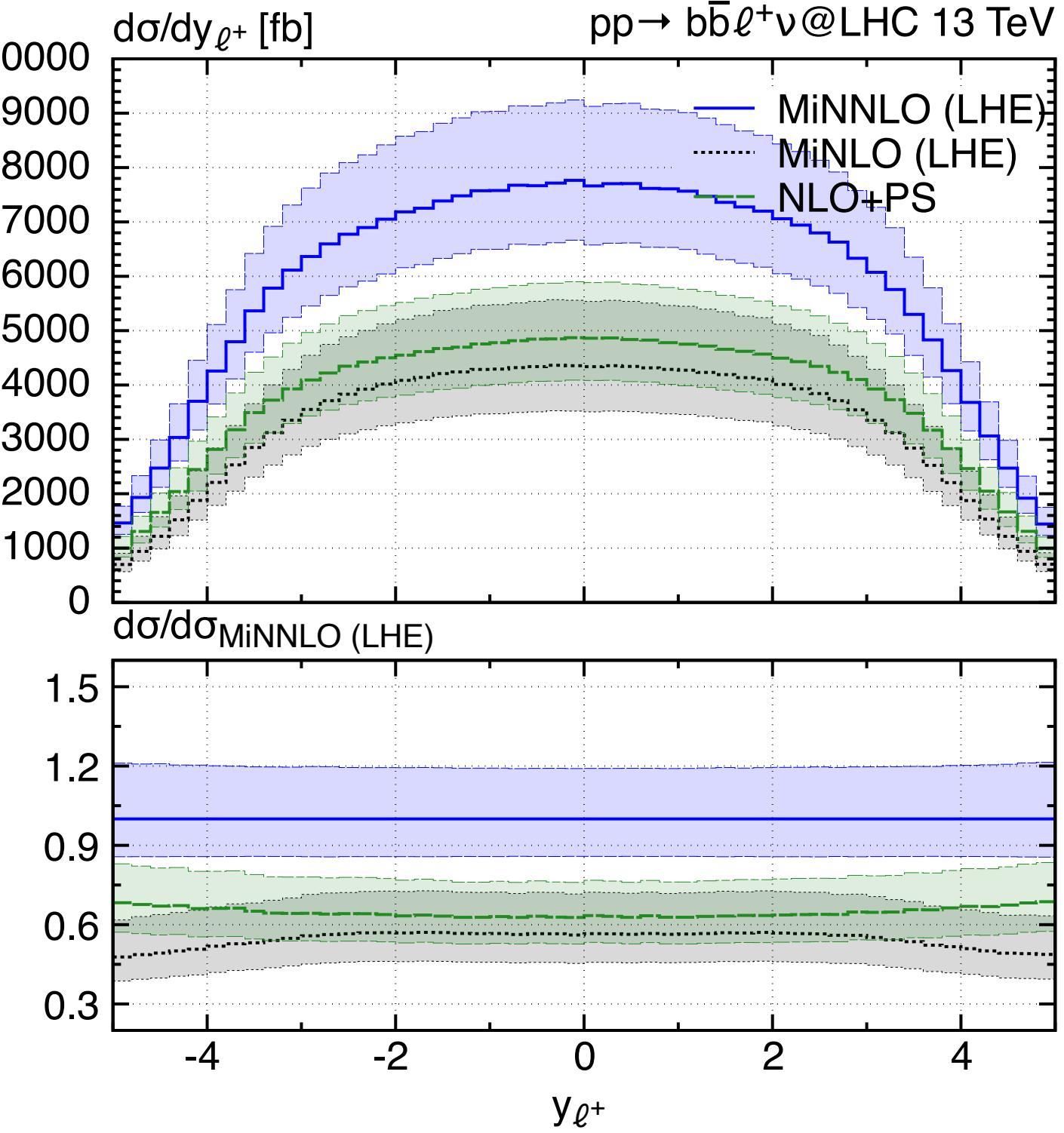
$d\sigma/dm_{b\bar{b}}$  [fb/GeV]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

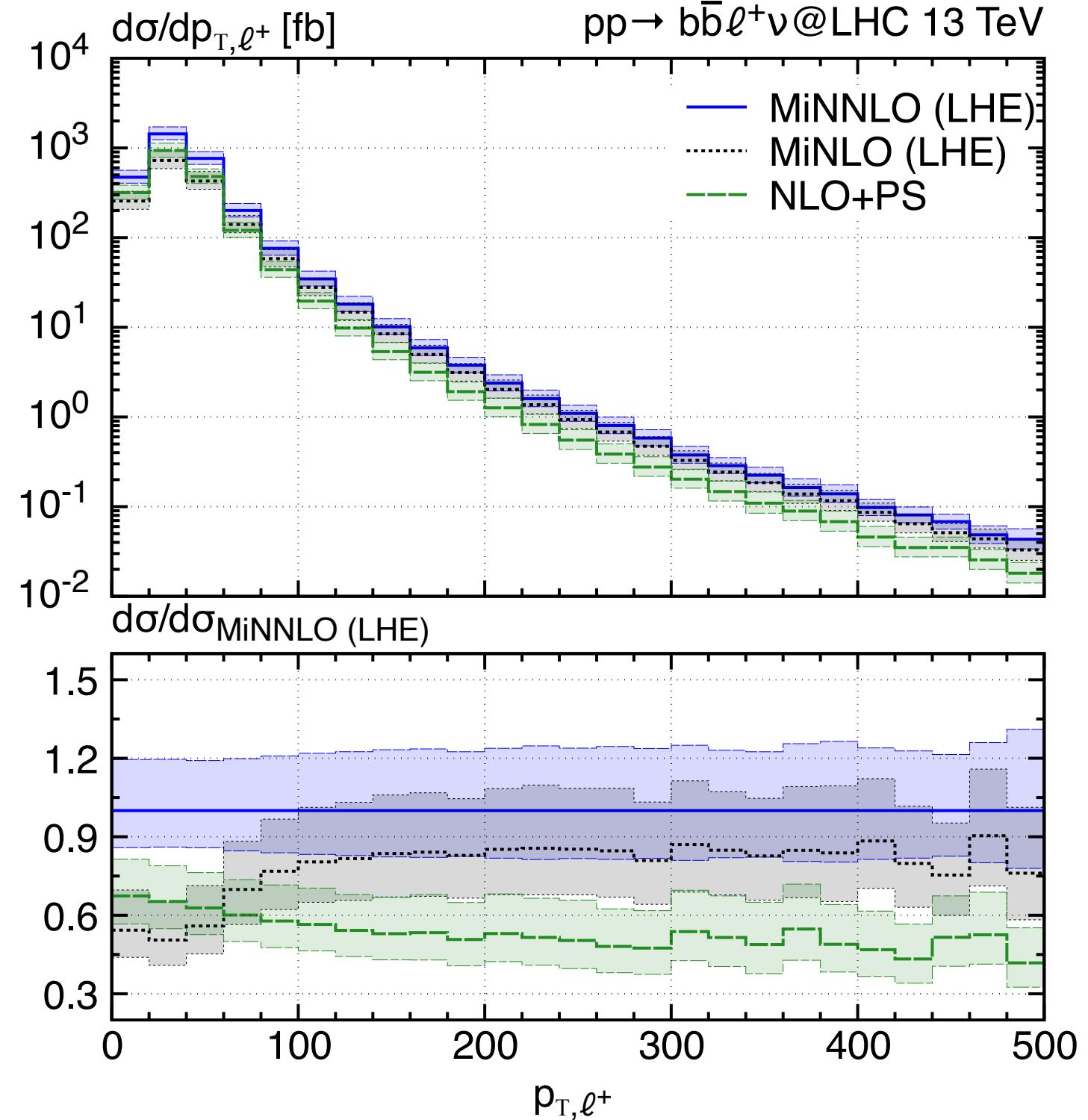
- MiNNLO (LHE)
- MiNLO (LHE)
- NLO+PS

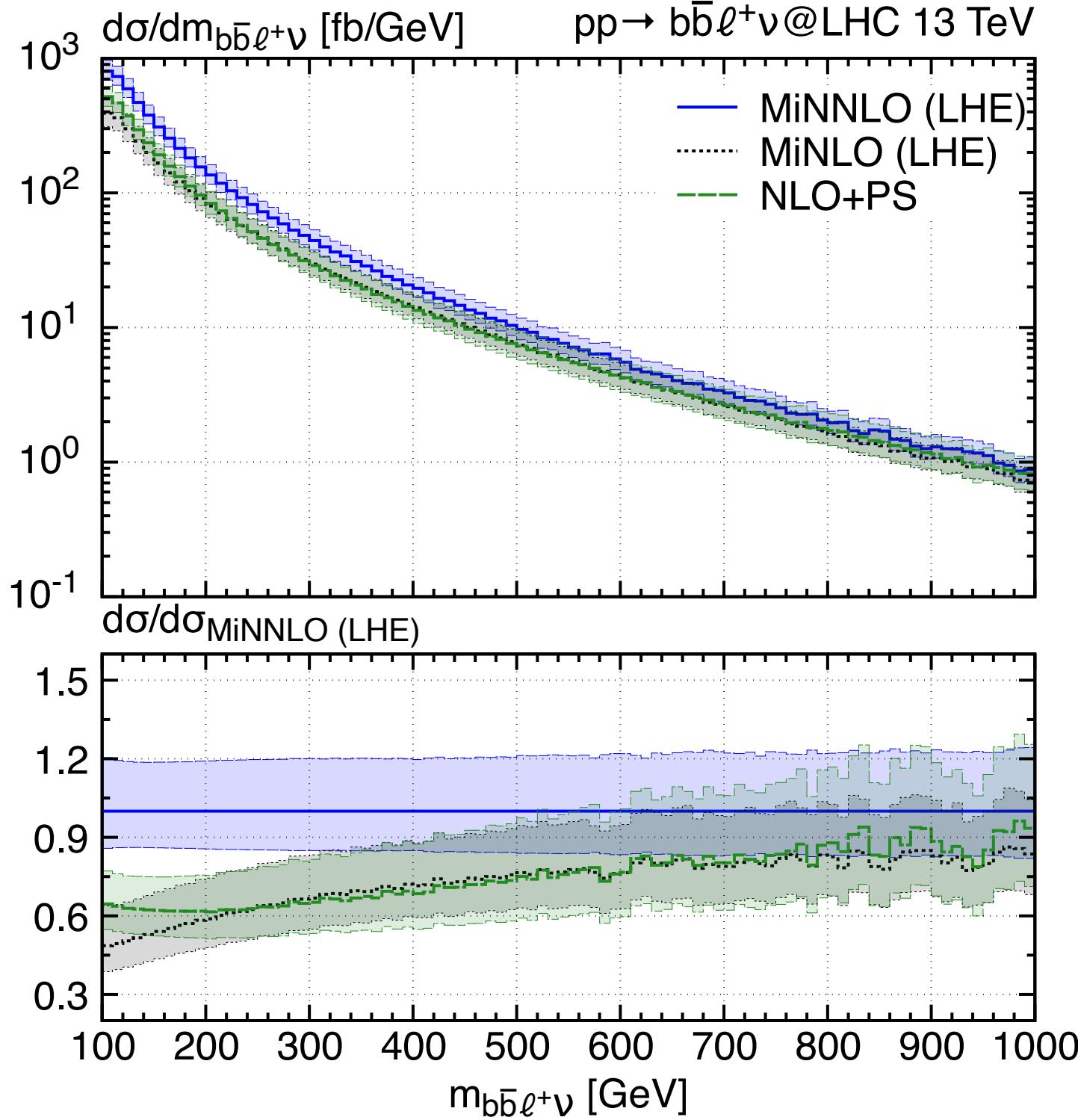


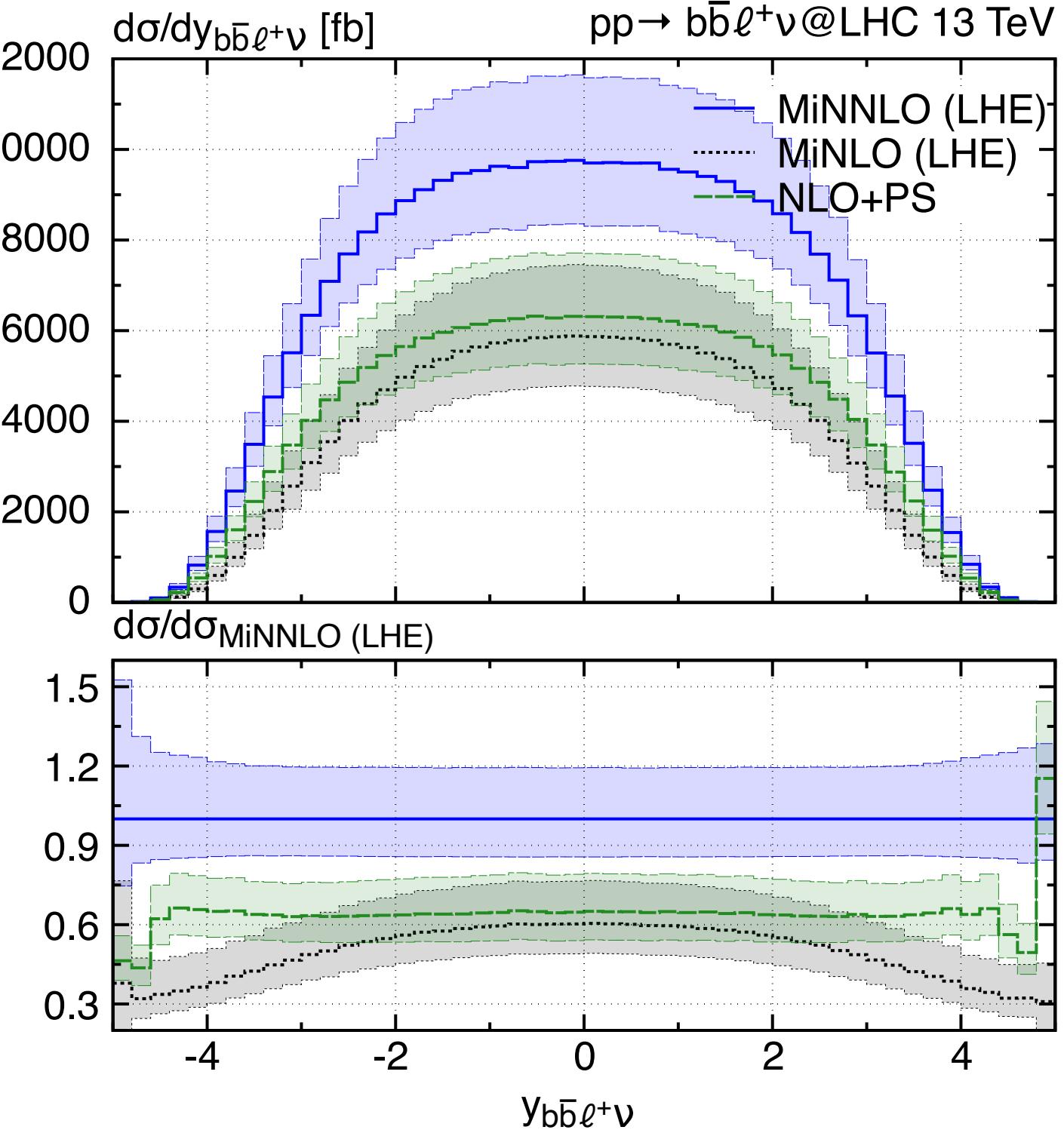
$d\sigma/dp_{T,b}$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

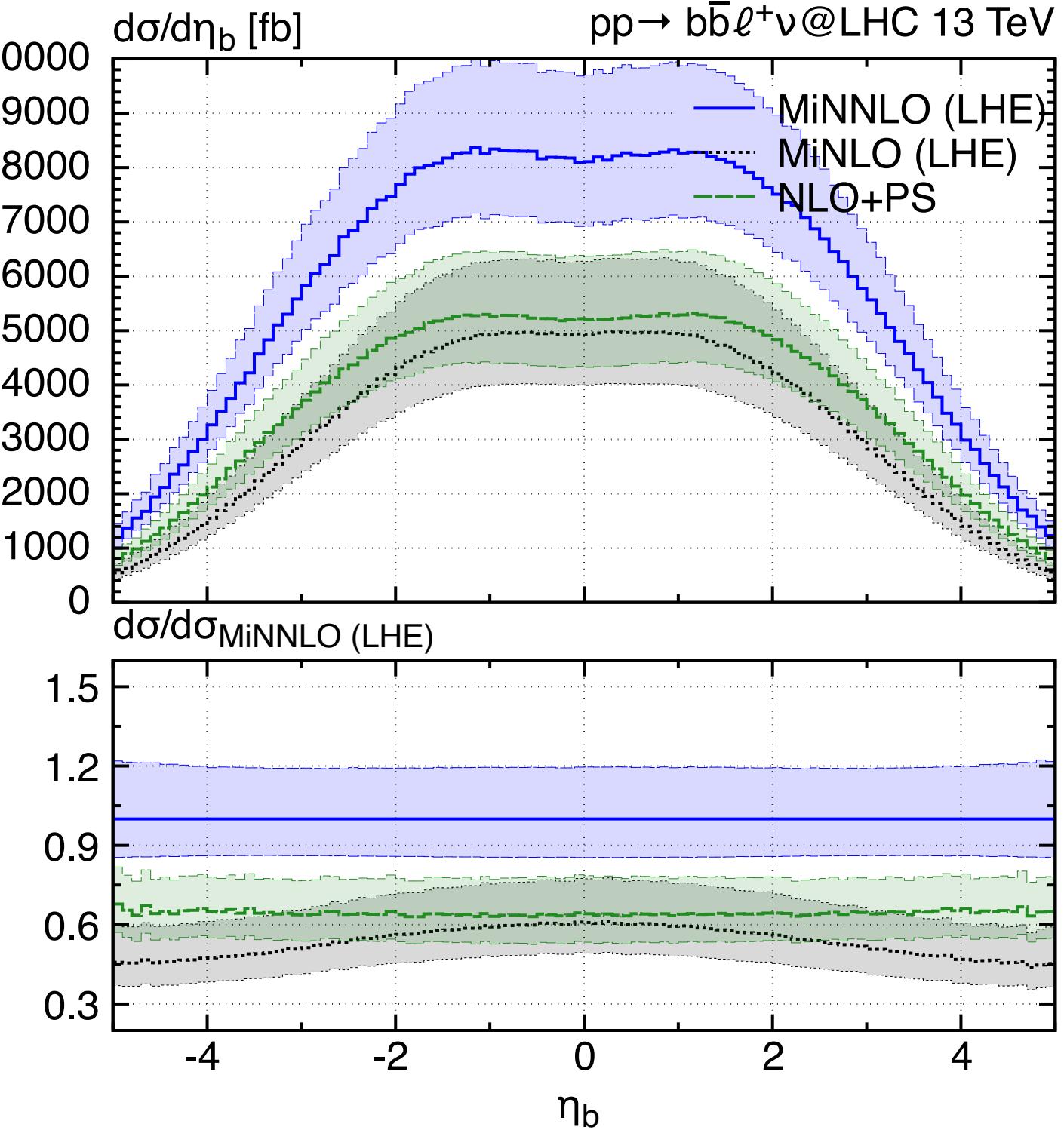
$d\sigma/dp_{T,\ell^+\nu}$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 



$d\sigma/dp_{T,\ell^+}$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

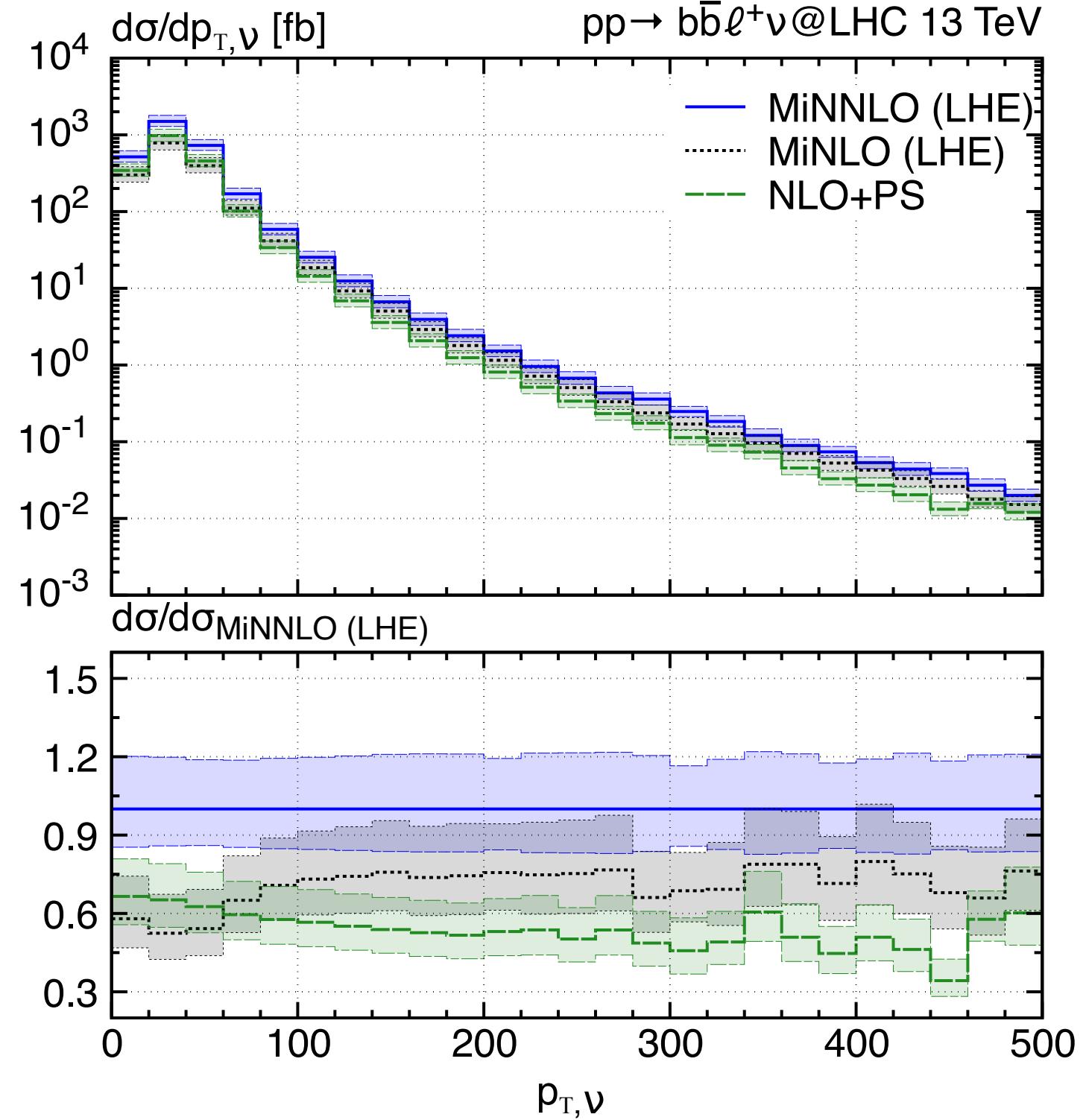


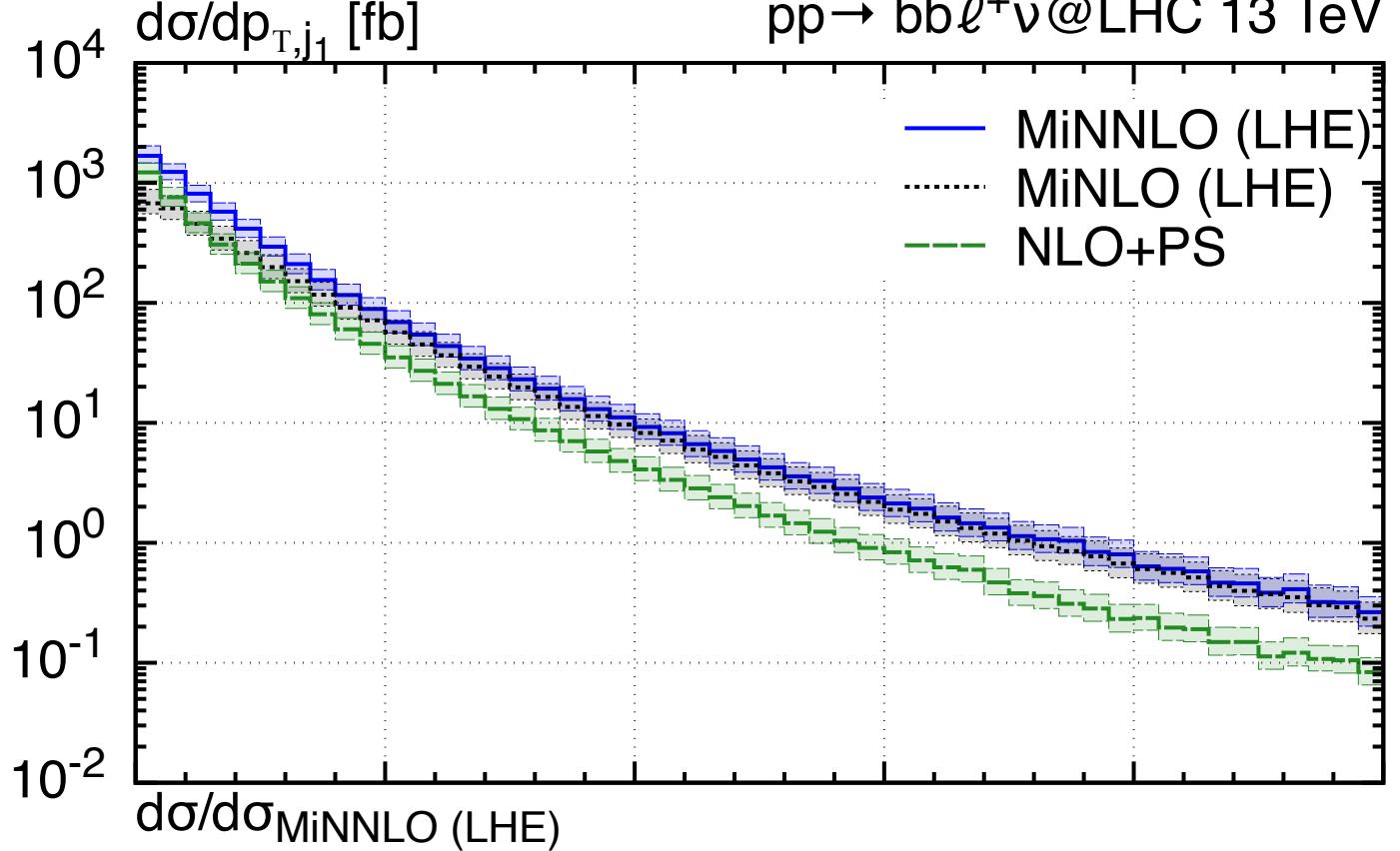
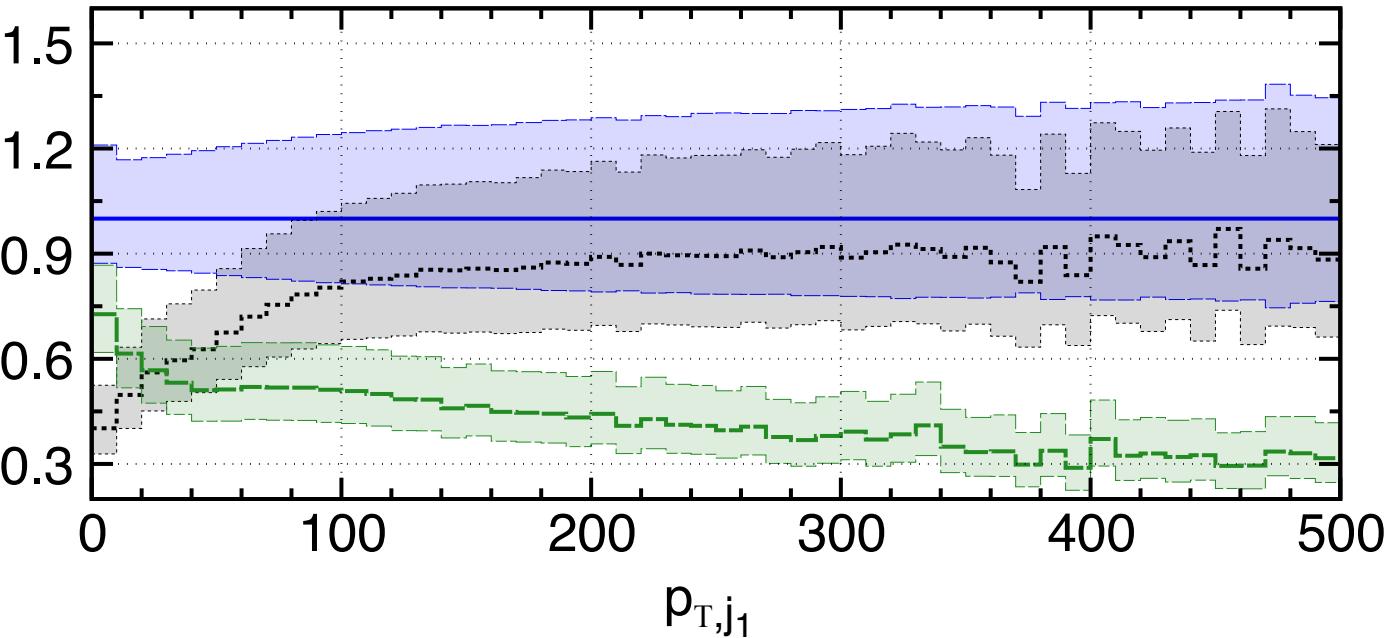




$d\sigma/dp_{T,\nu} [\text{fb}]$  $\text{pp} \rightarrow b\bar{b}\ell^+\nu @ \text{LHC } 13 \text{ TeV}$ 

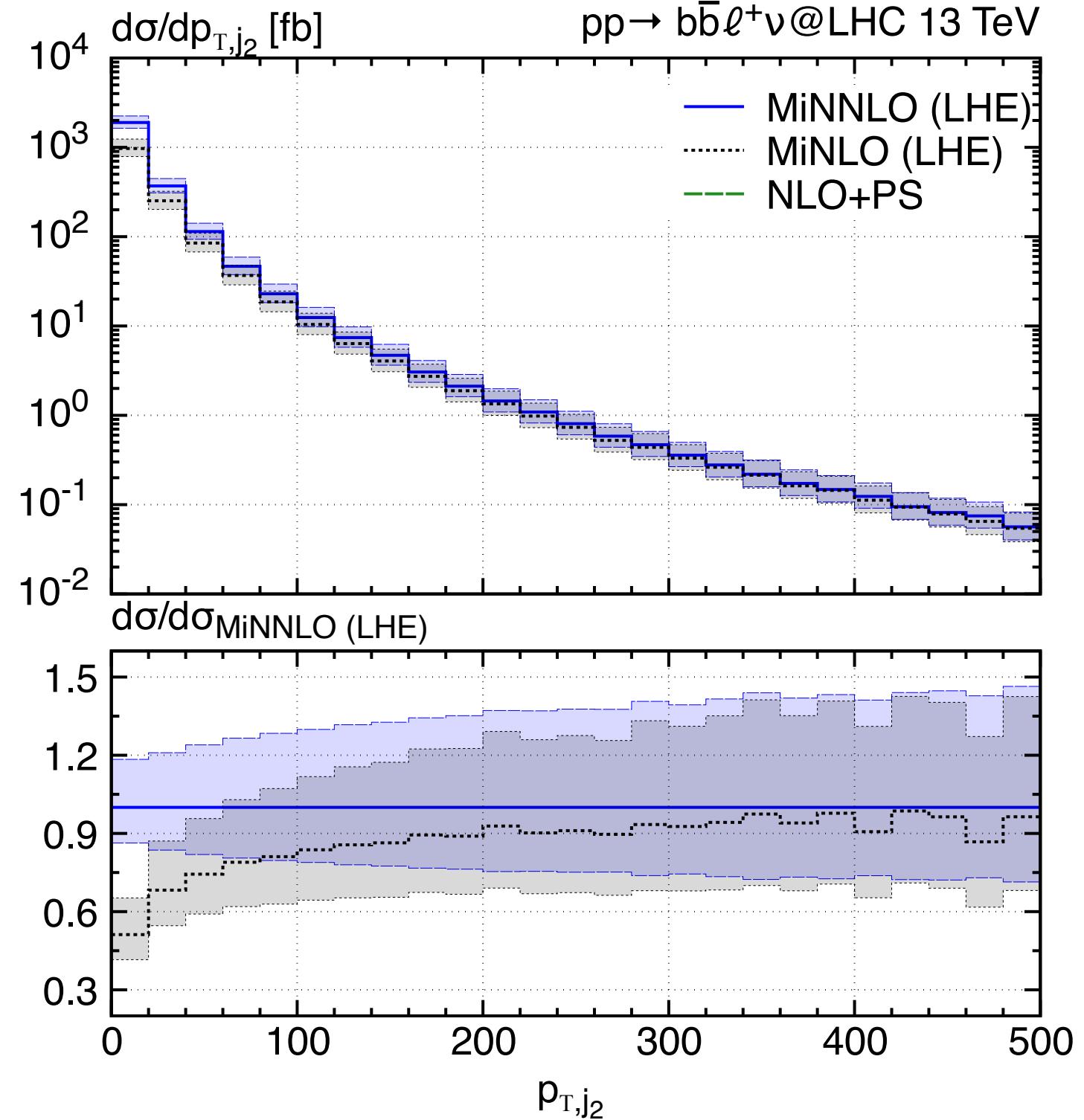
- MiNNLO (LHE)
- MiNLO (LHE)
- NLO+PS

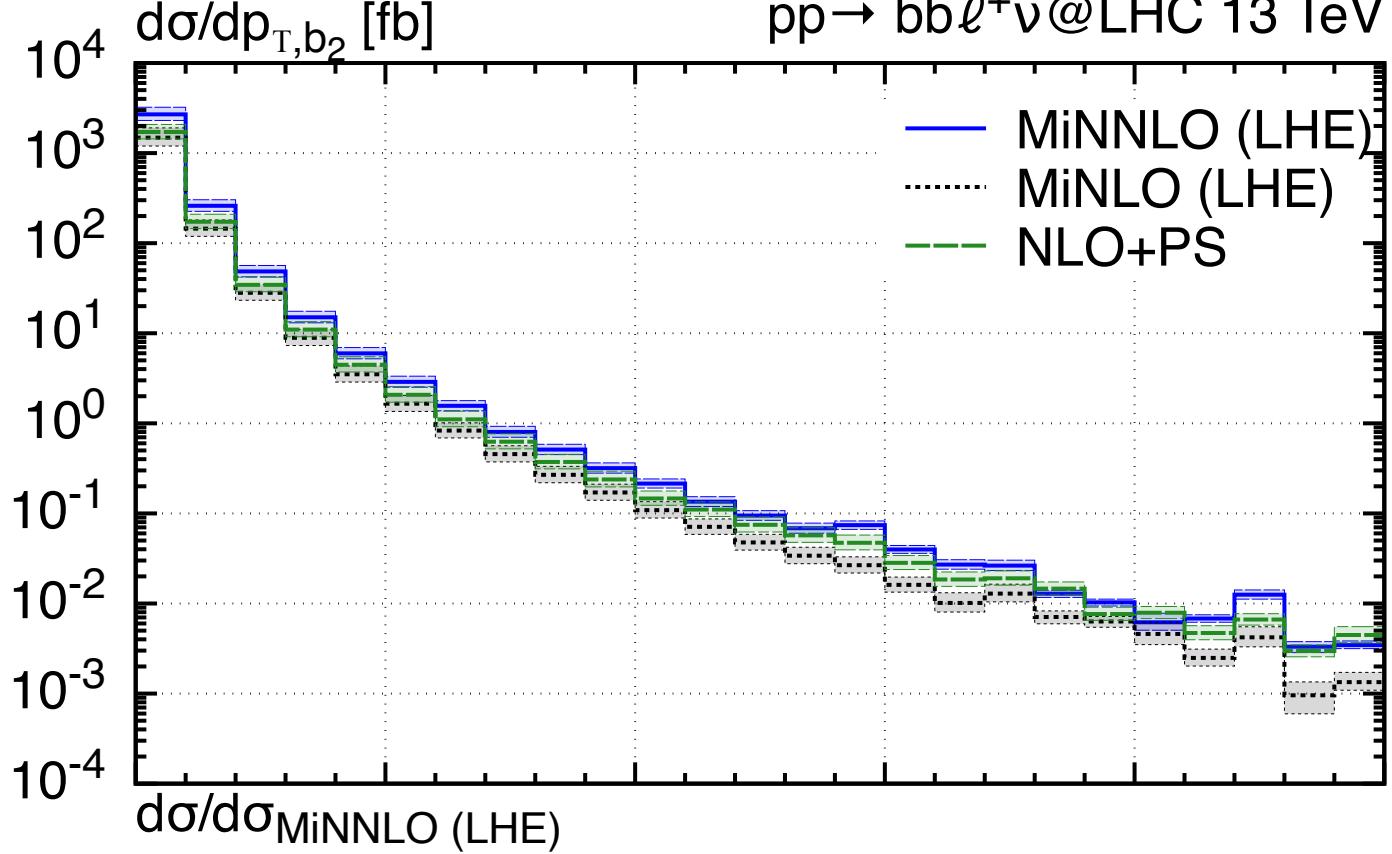
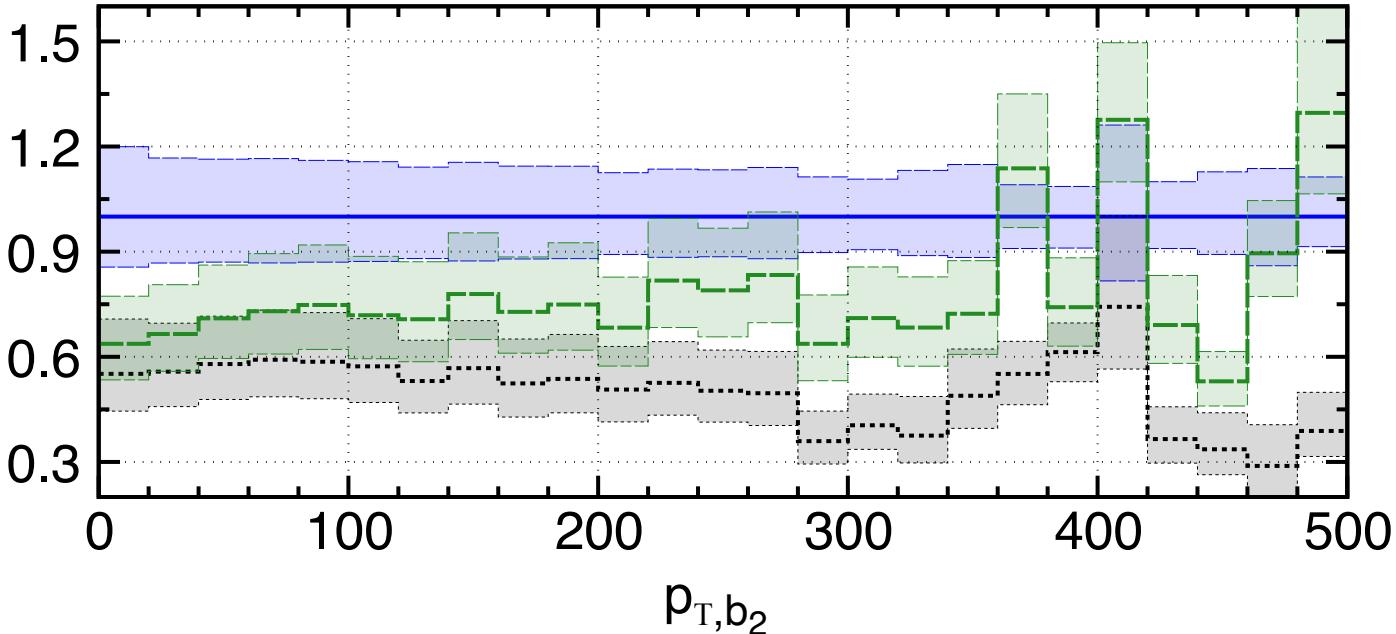


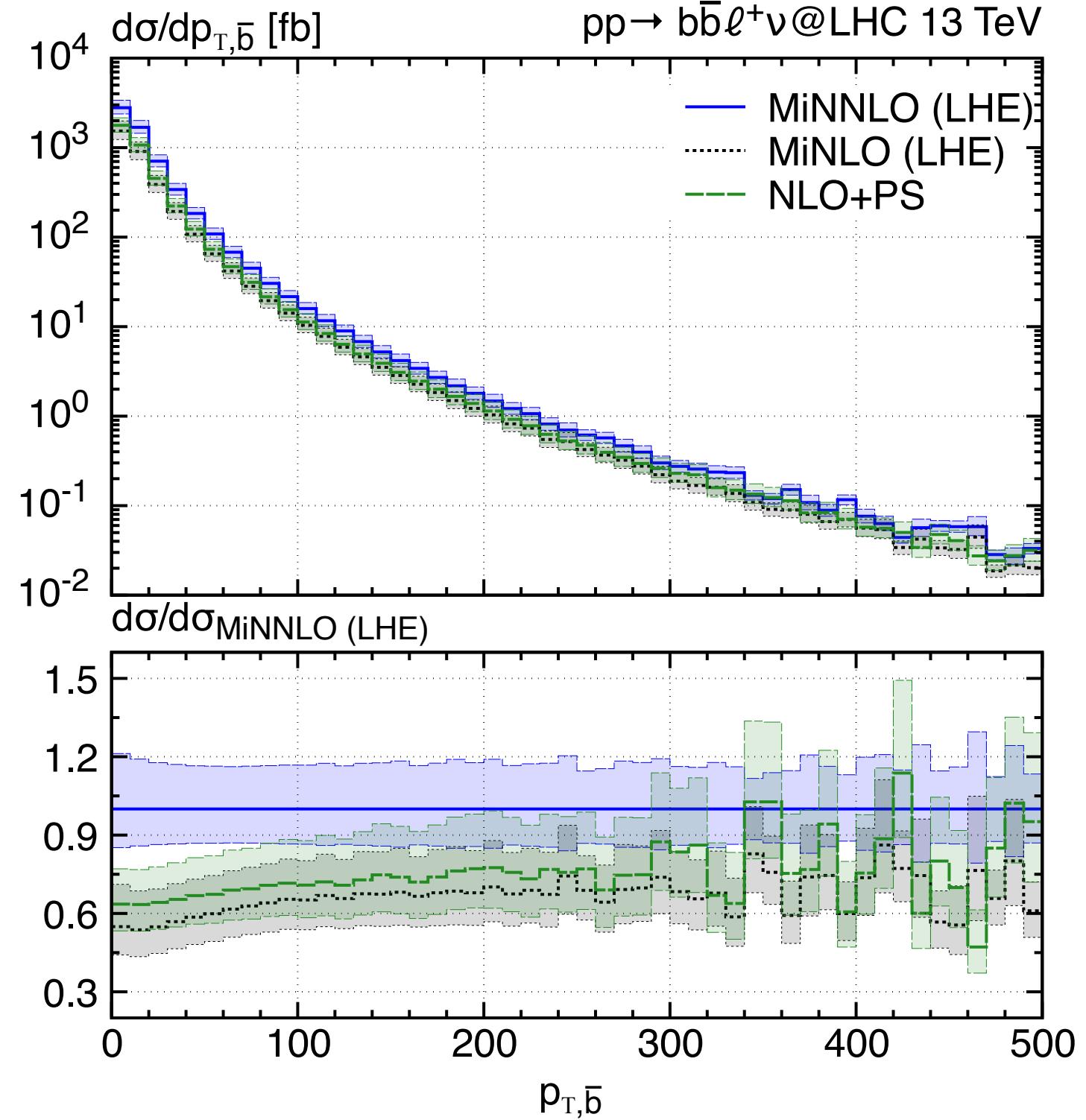
$d\sigma/dp_{T,j_1}$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

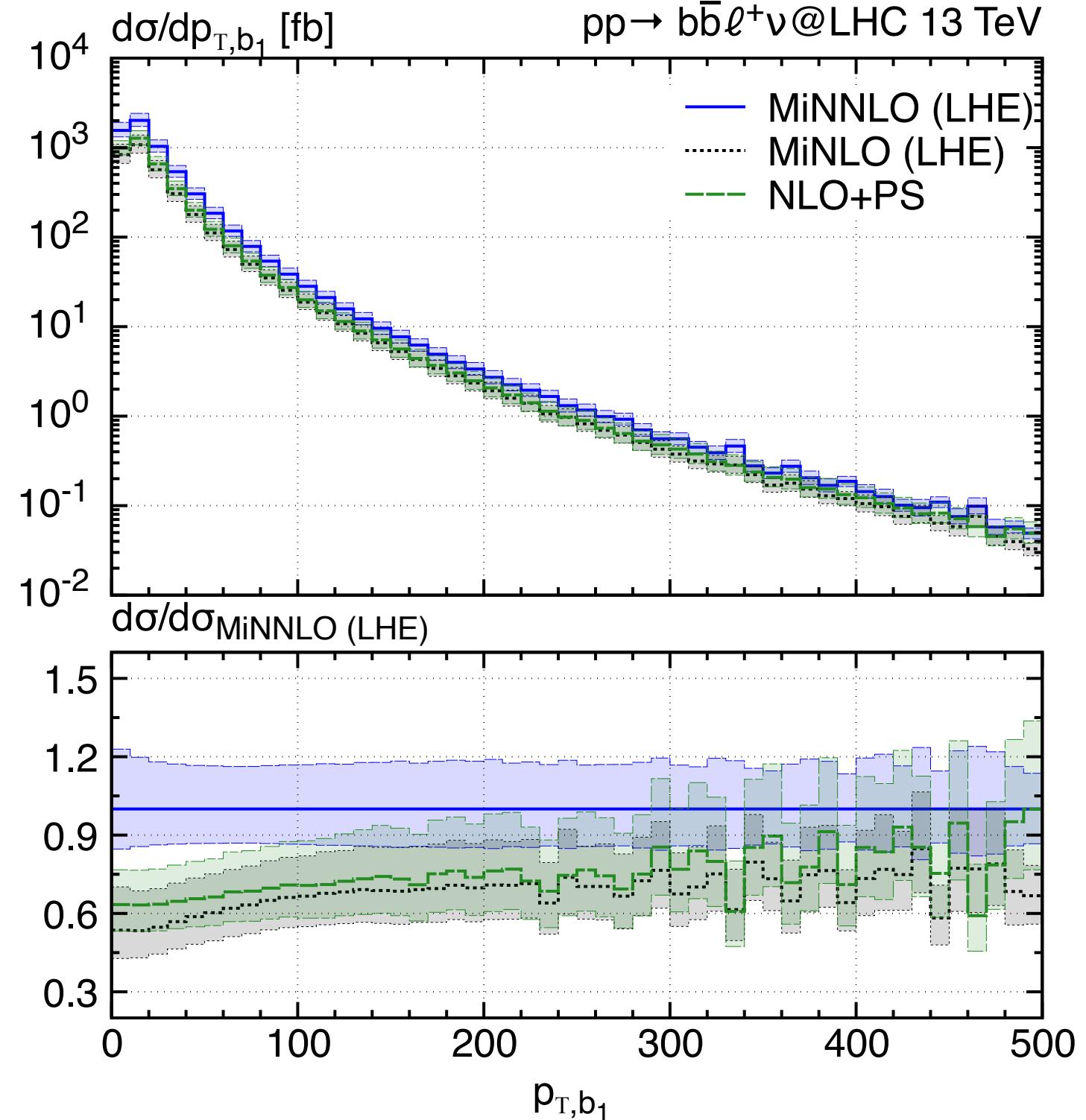
$d\sigma/dp_{T,j_2}$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

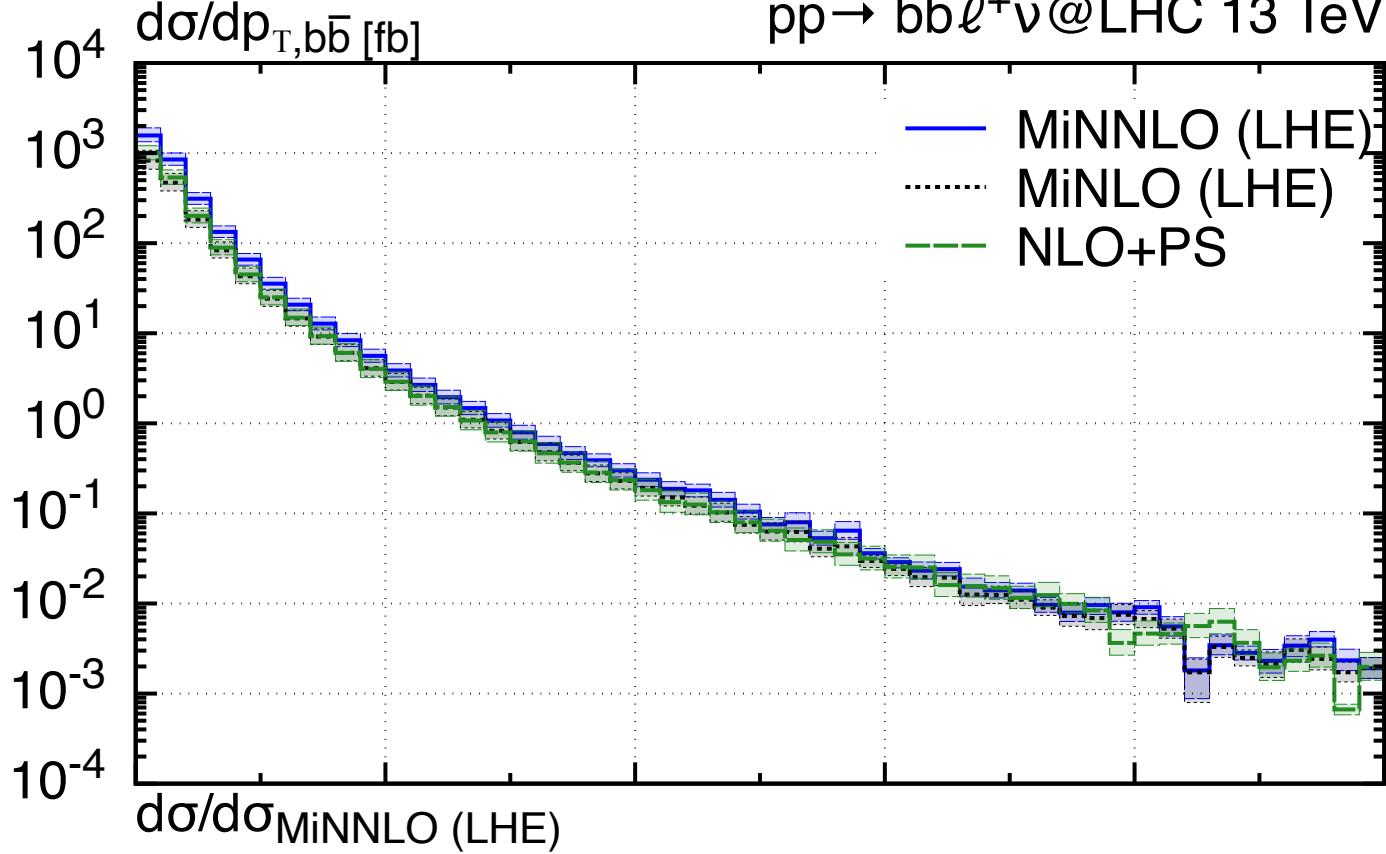
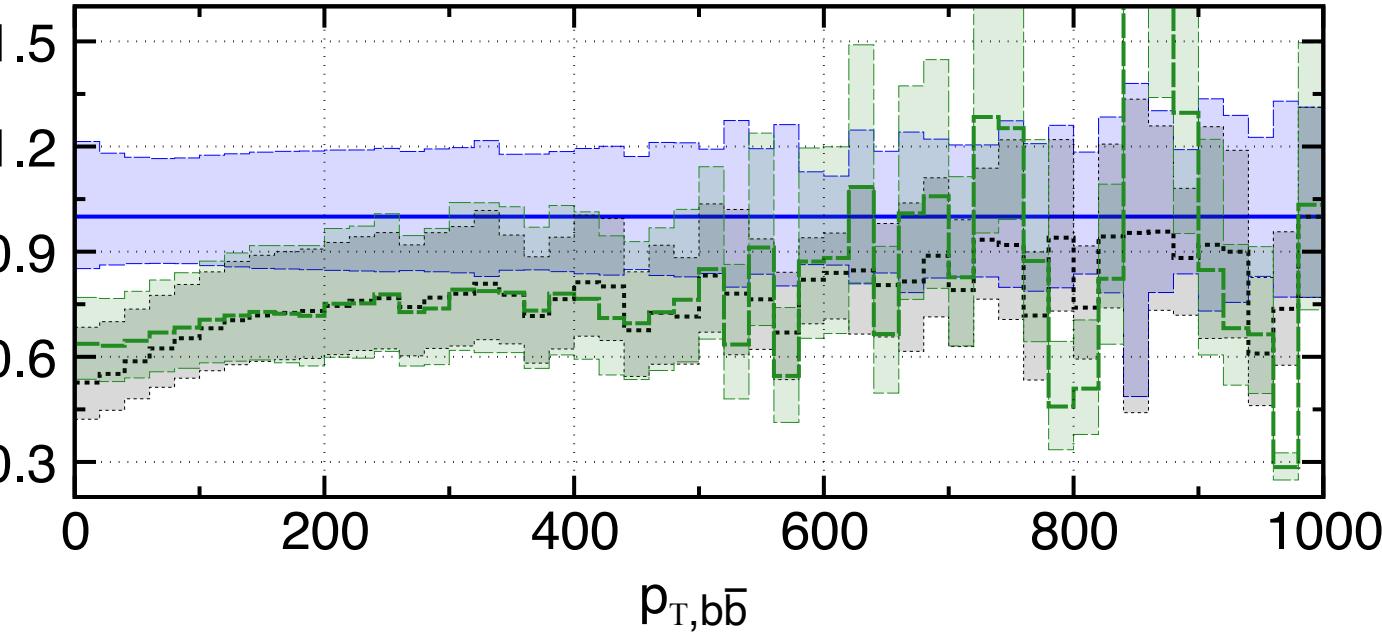
- MiNNLO (LHE)
- MiNLO (LHE)
- NLO+PS

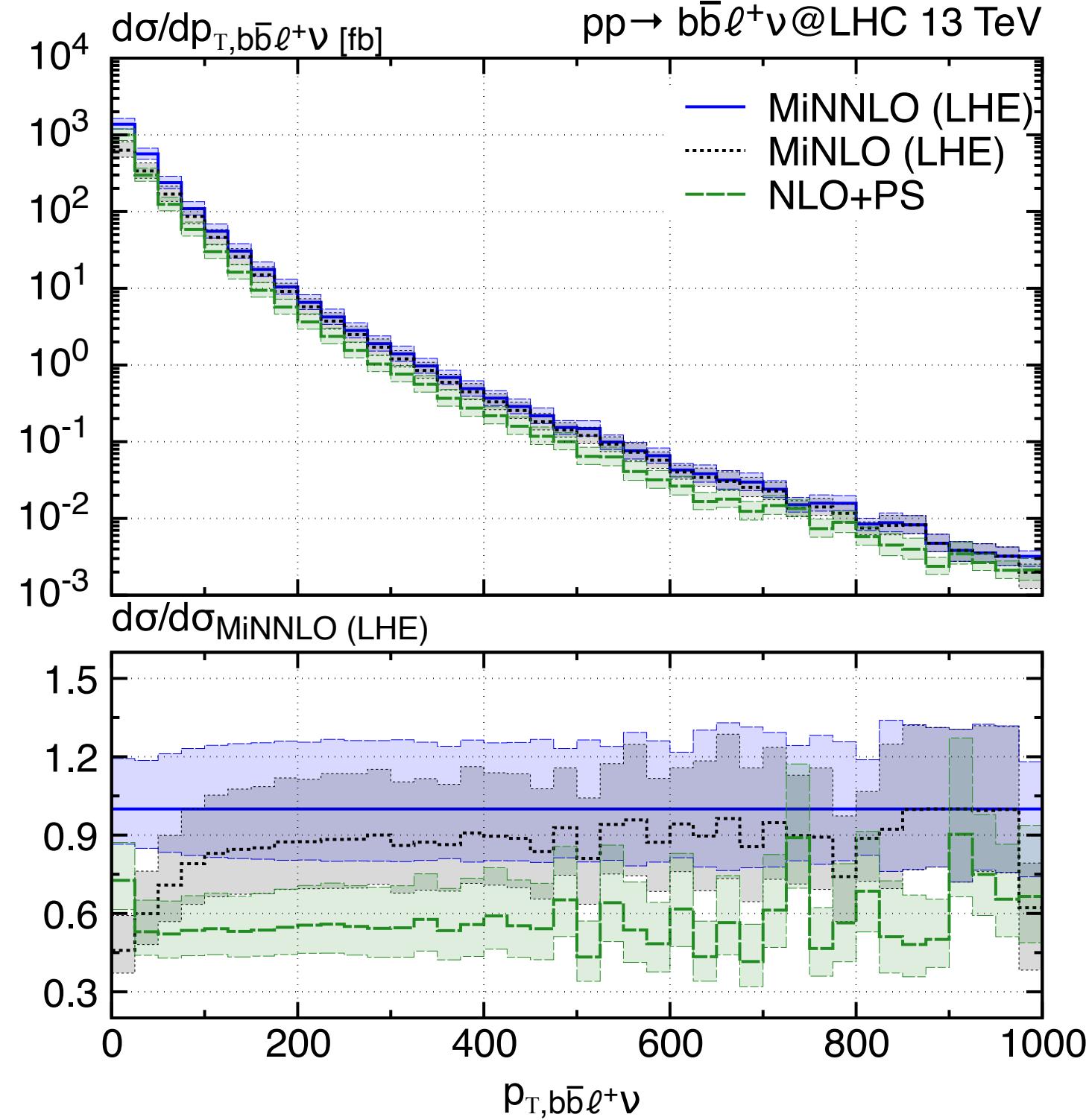


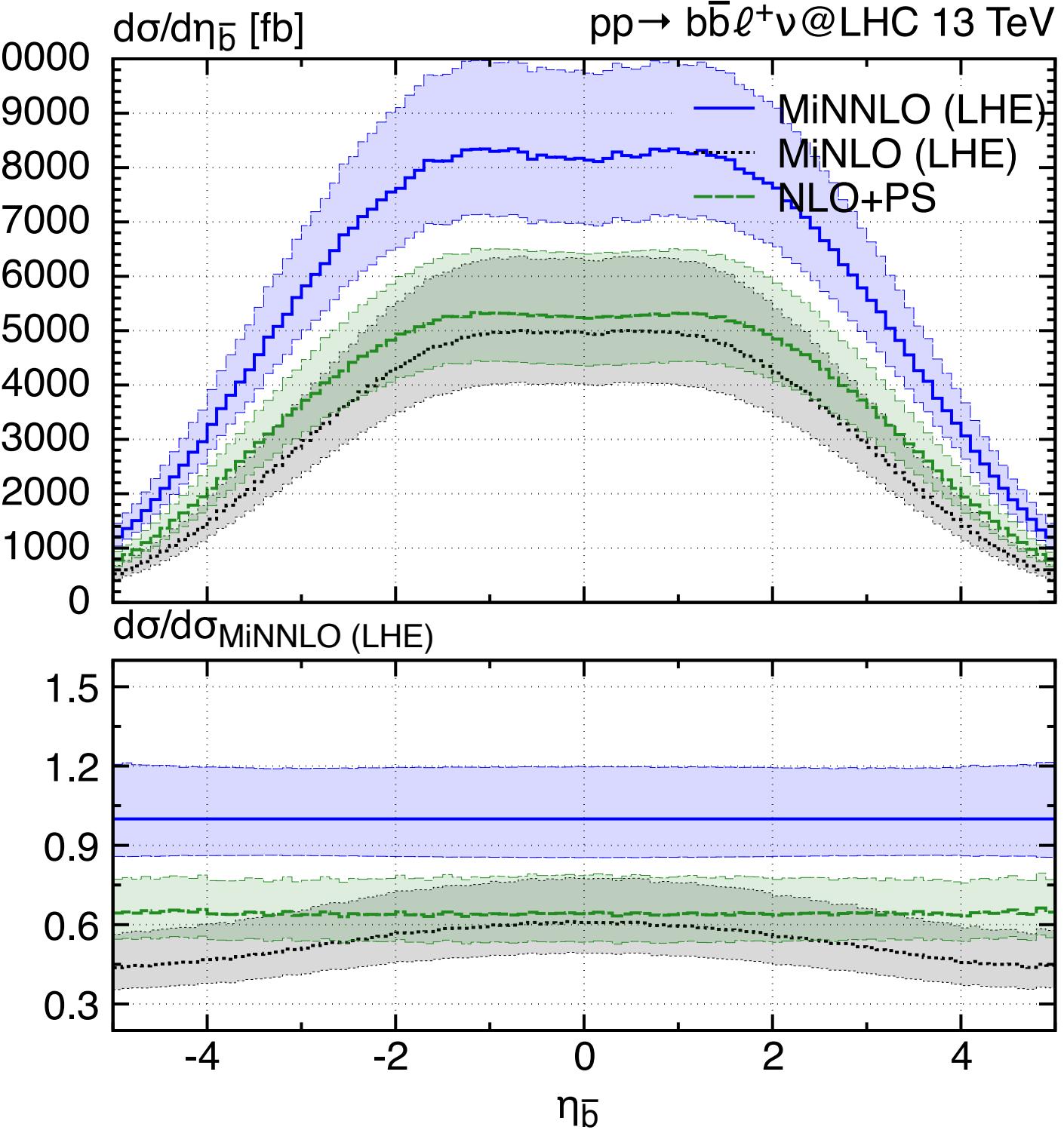
$d\sigma/dp_{T,b_2}$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

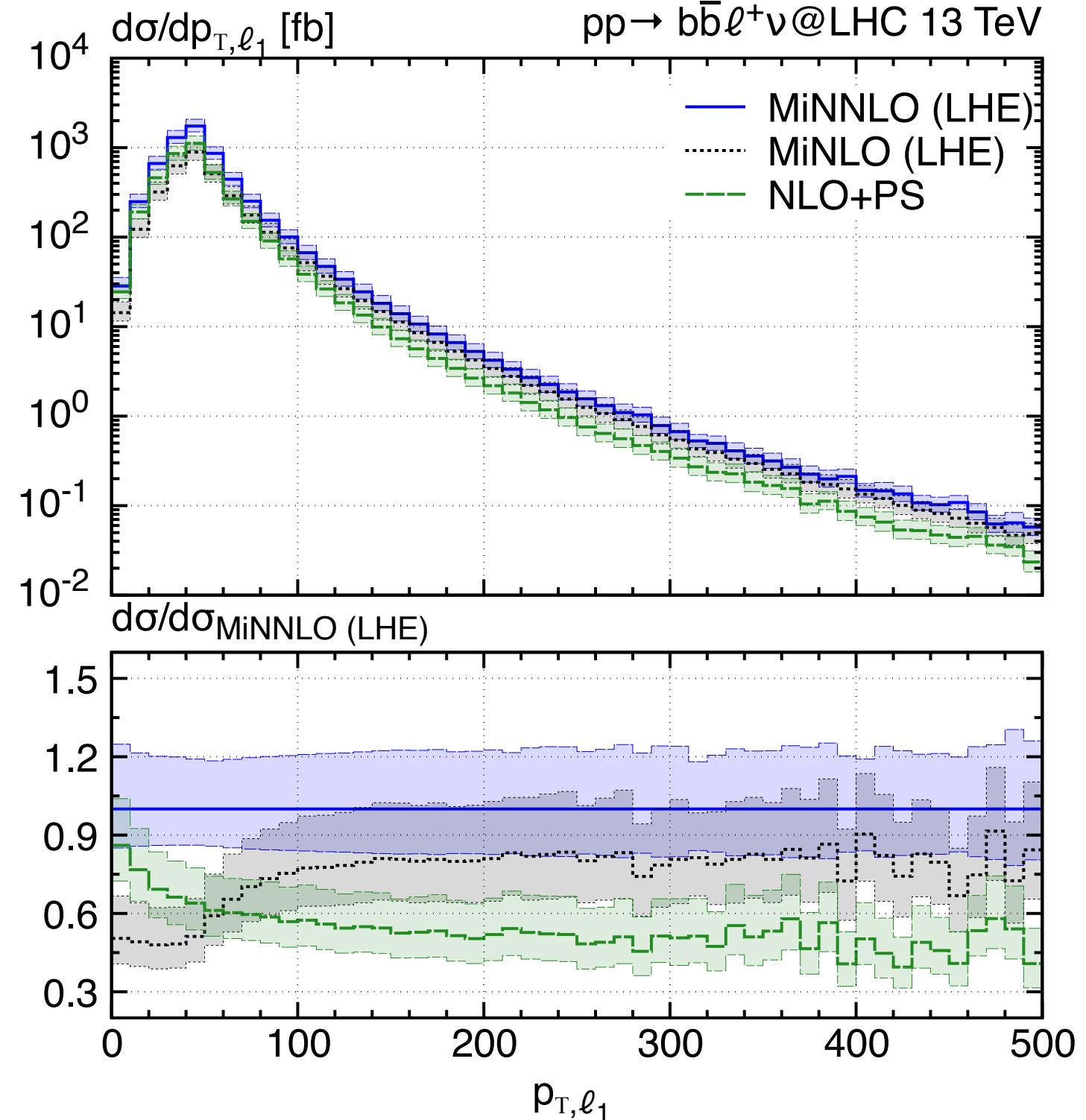
$d\sigma/dp_{T,\bar{b}}$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

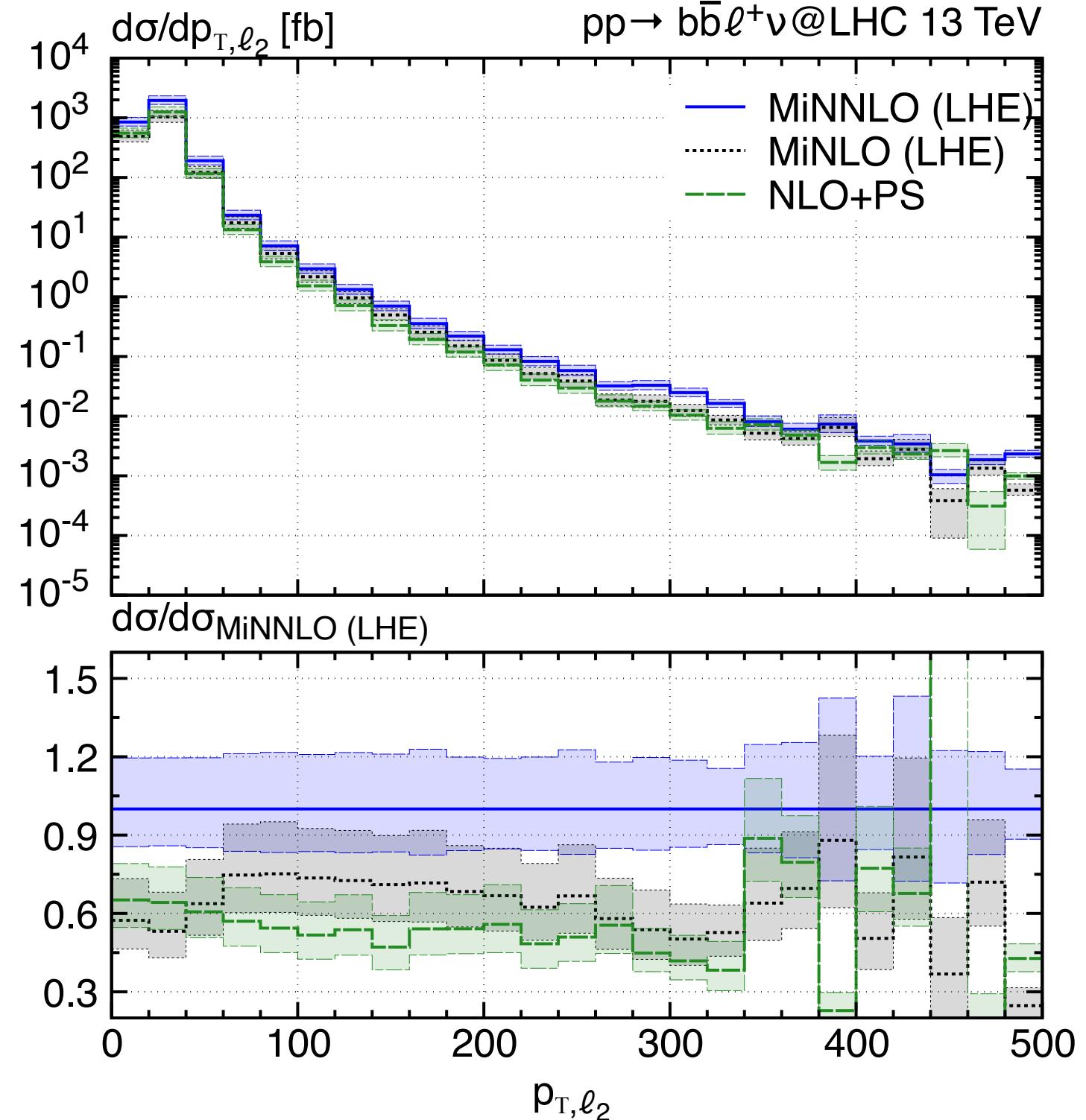
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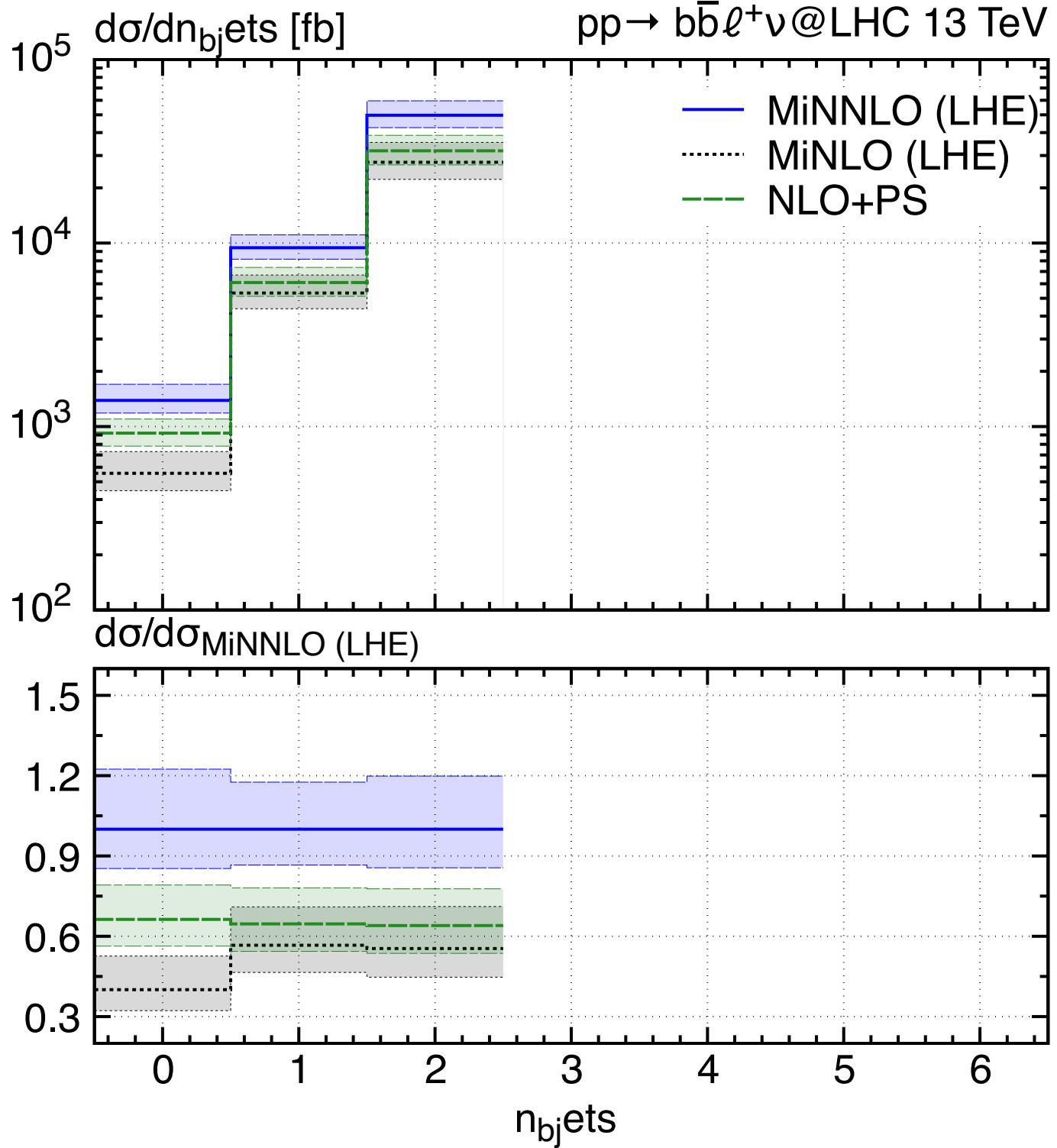
$d\sigma/dp_T, b\bar{b}$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

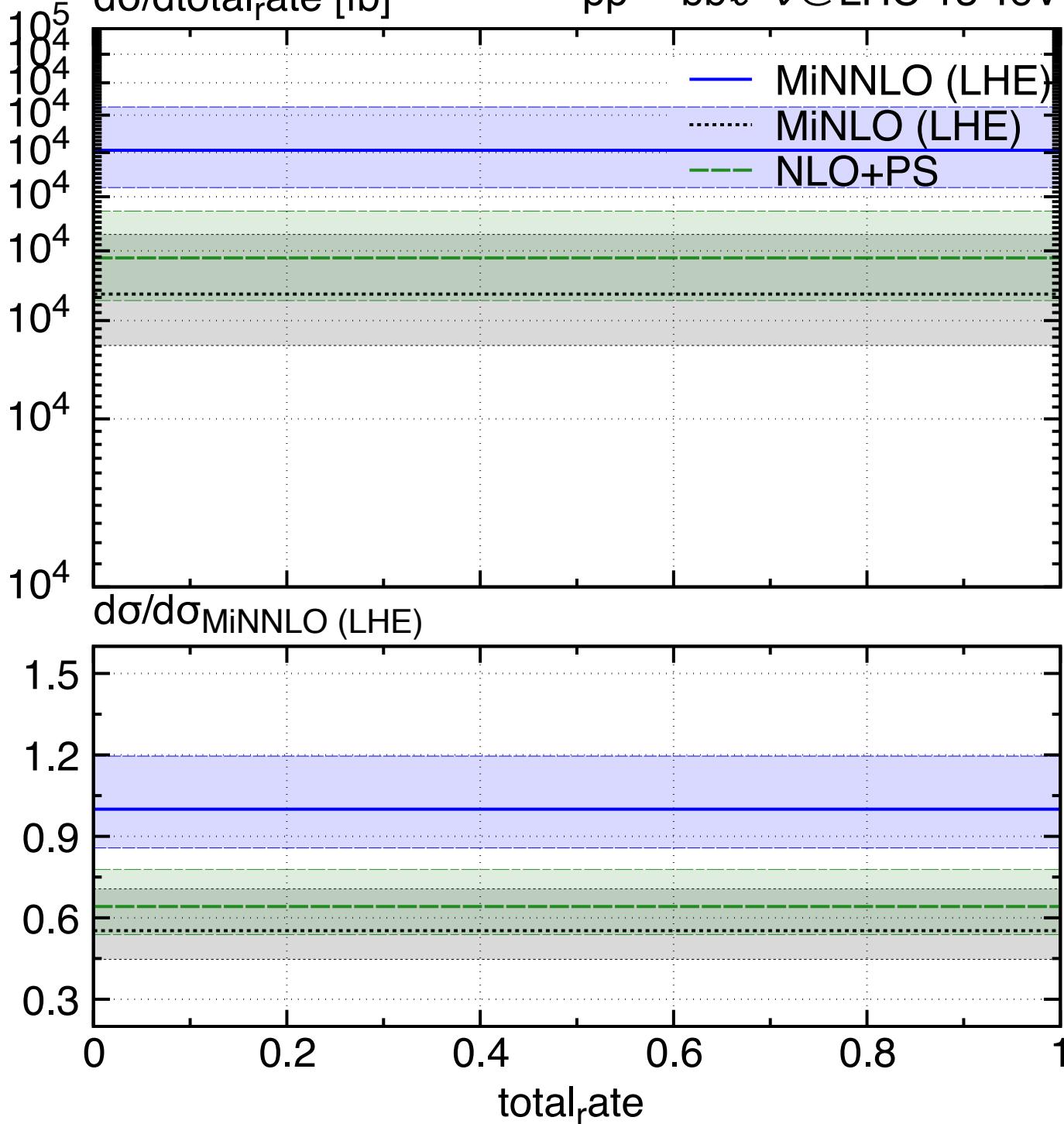
$d\sigma/dp_T, b\bar{b}\ell^+\nu$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

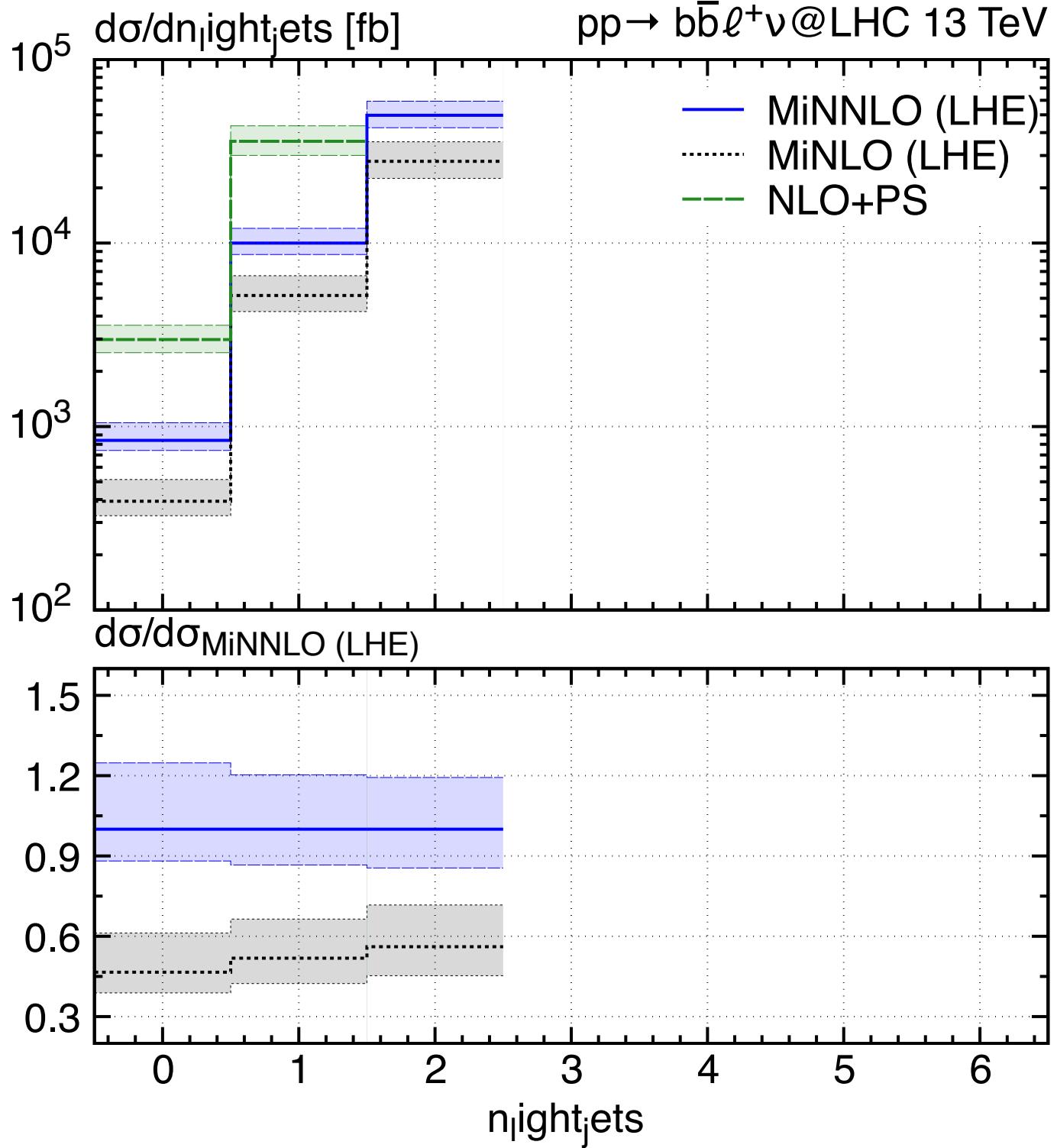


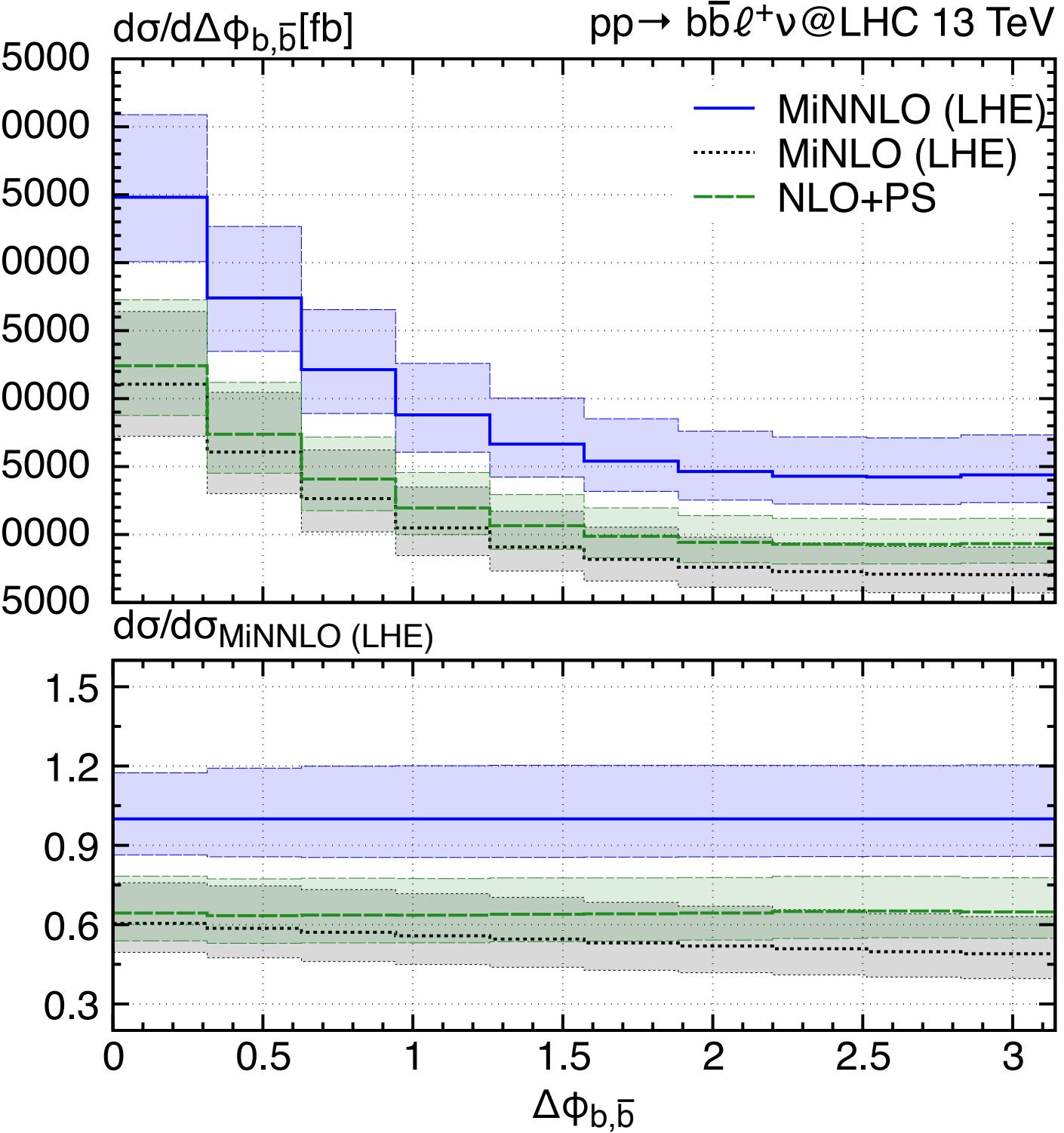
$d\sigma/dp_{T,\ell_1}$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

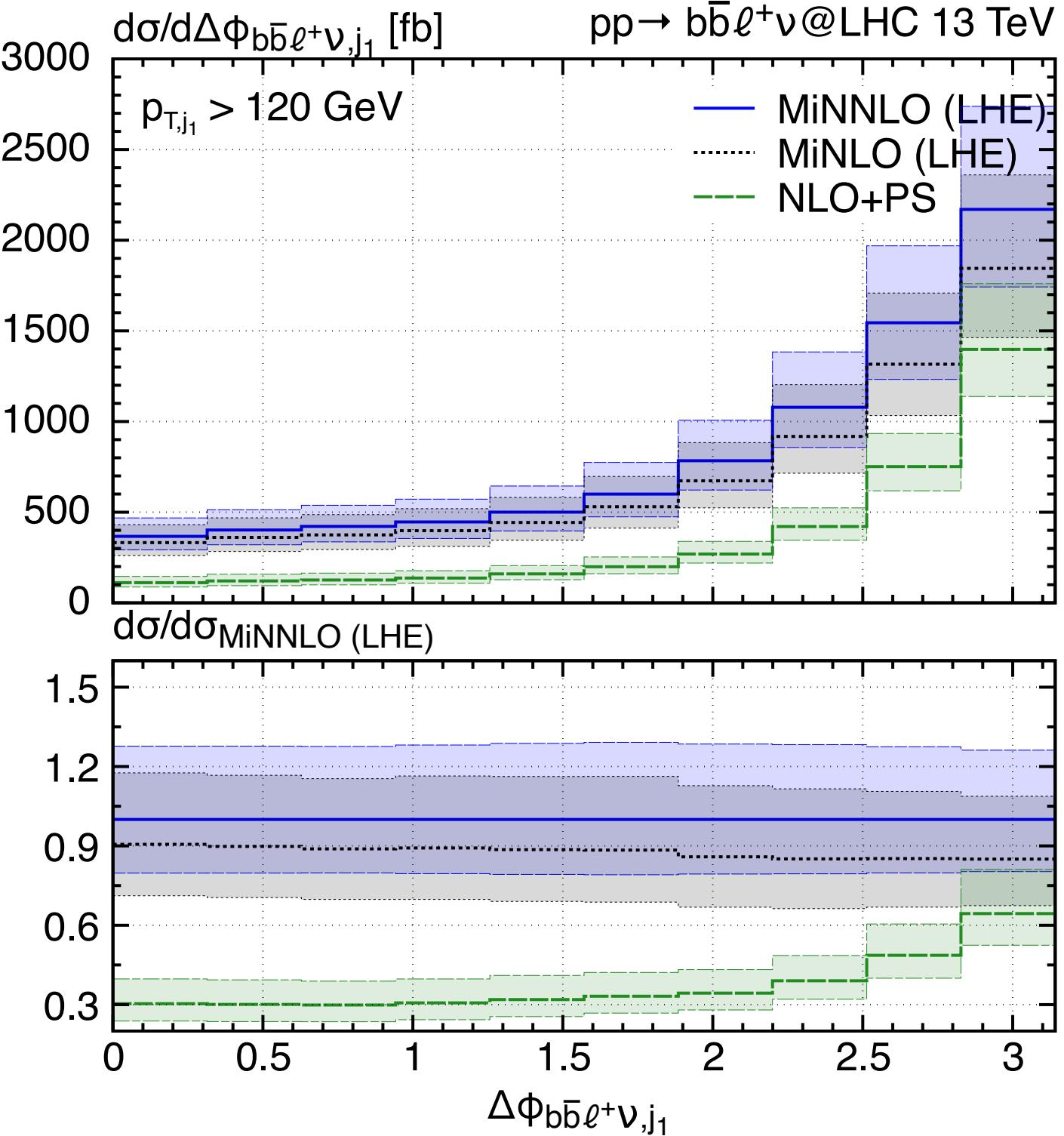
$d\sigma/dp_{T,\ell_2}$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

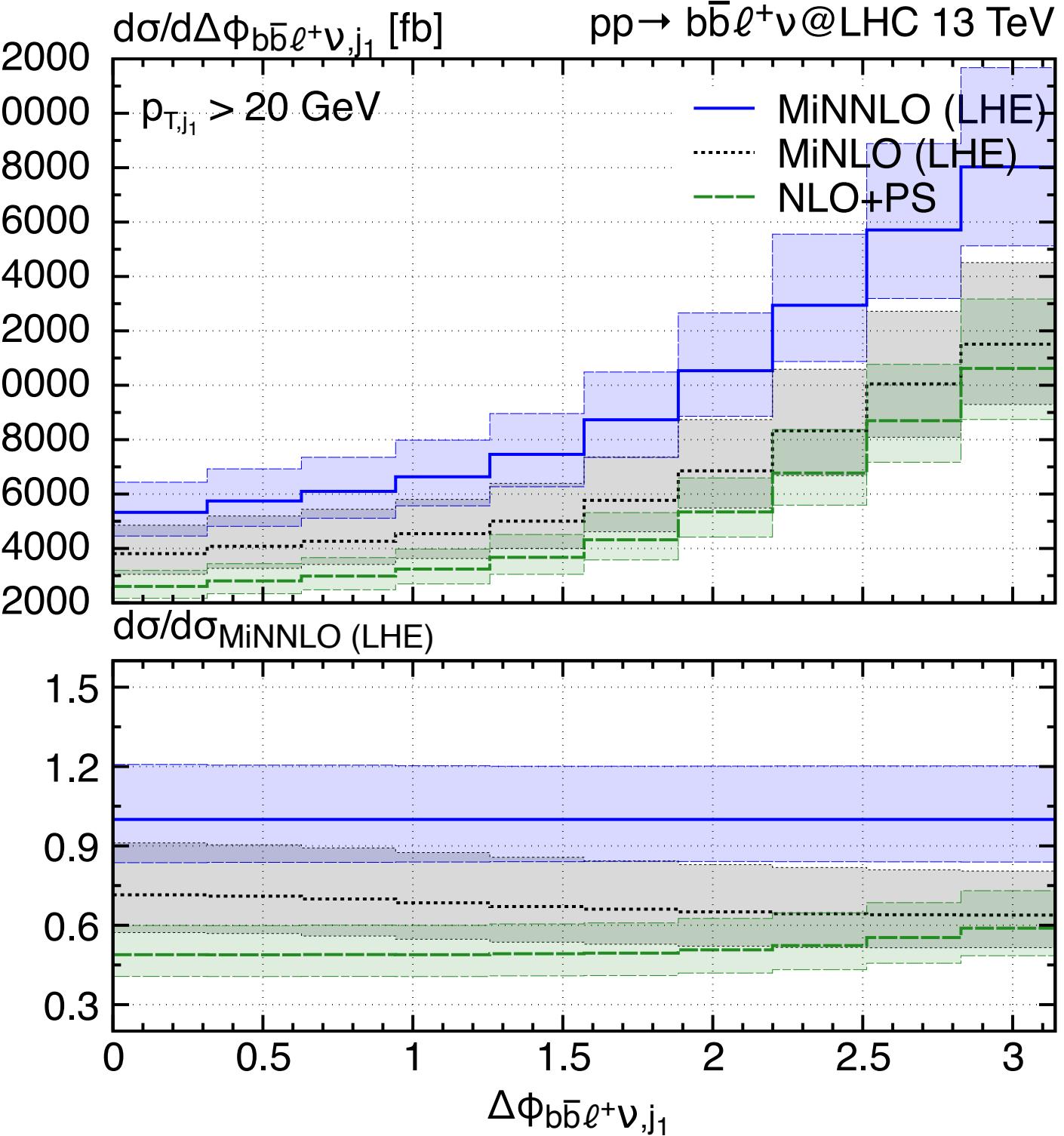


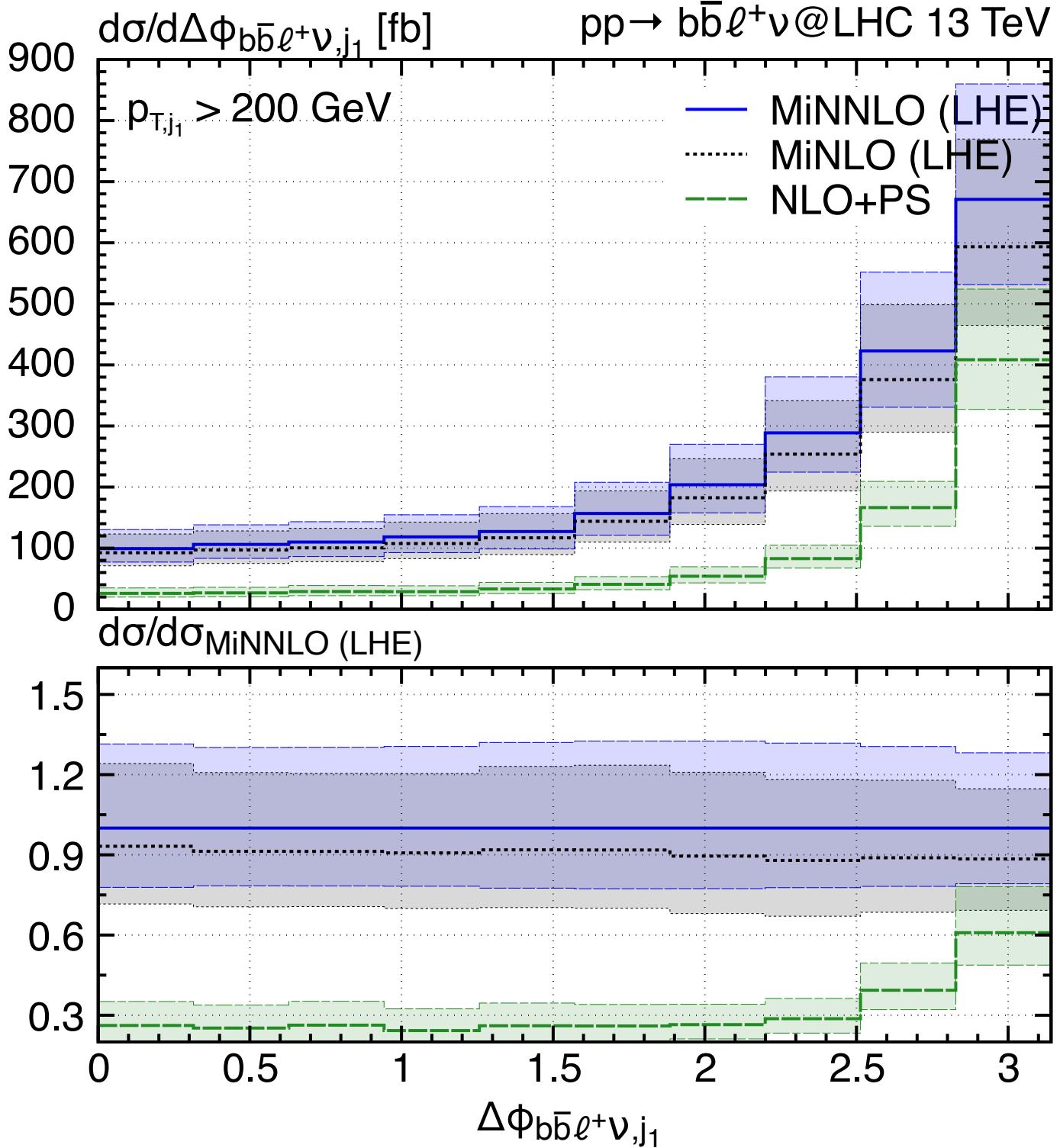
$d\sigma/d\text{total}_r\text{ate}$  [fb] $\text{pp} \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

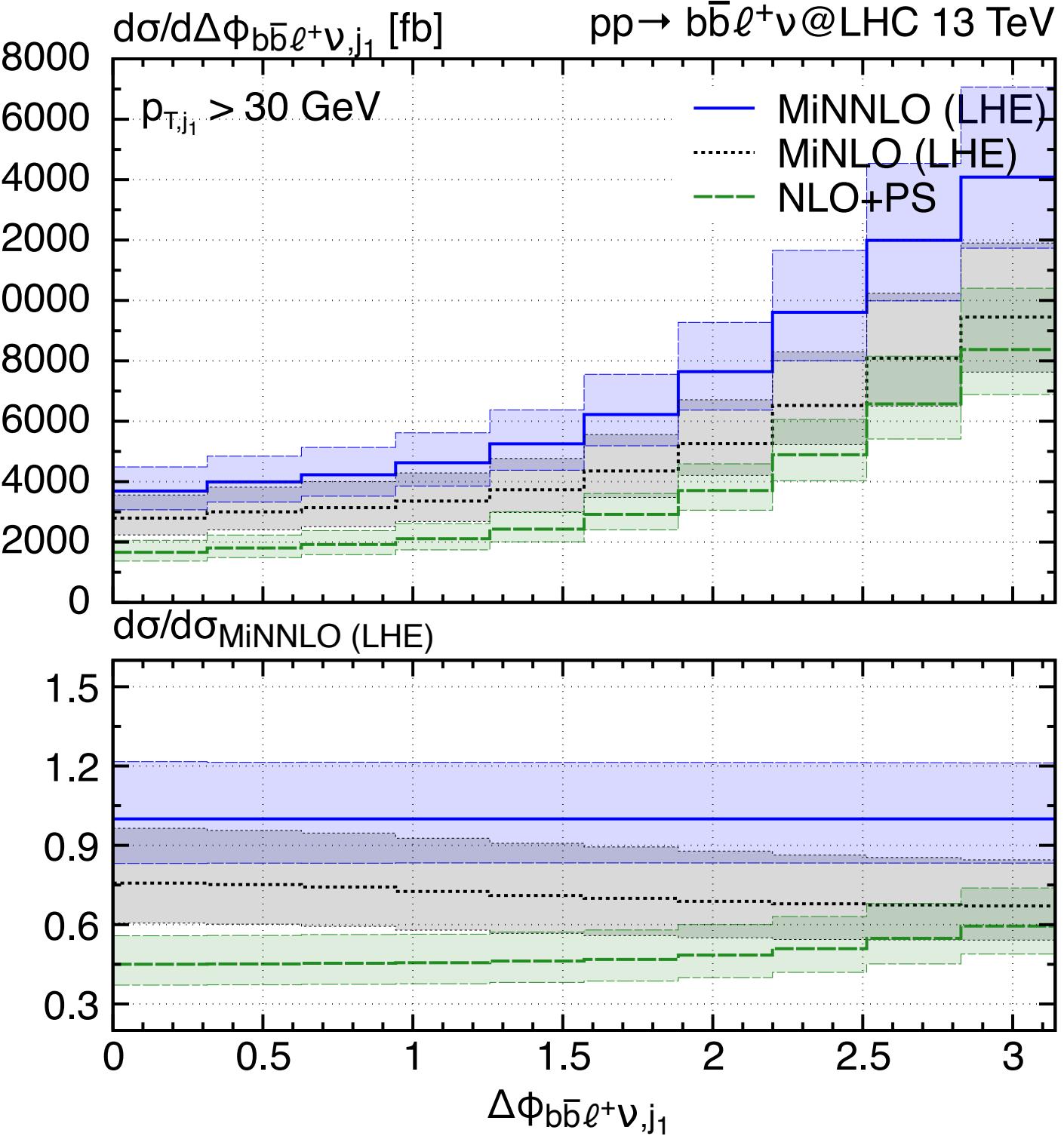


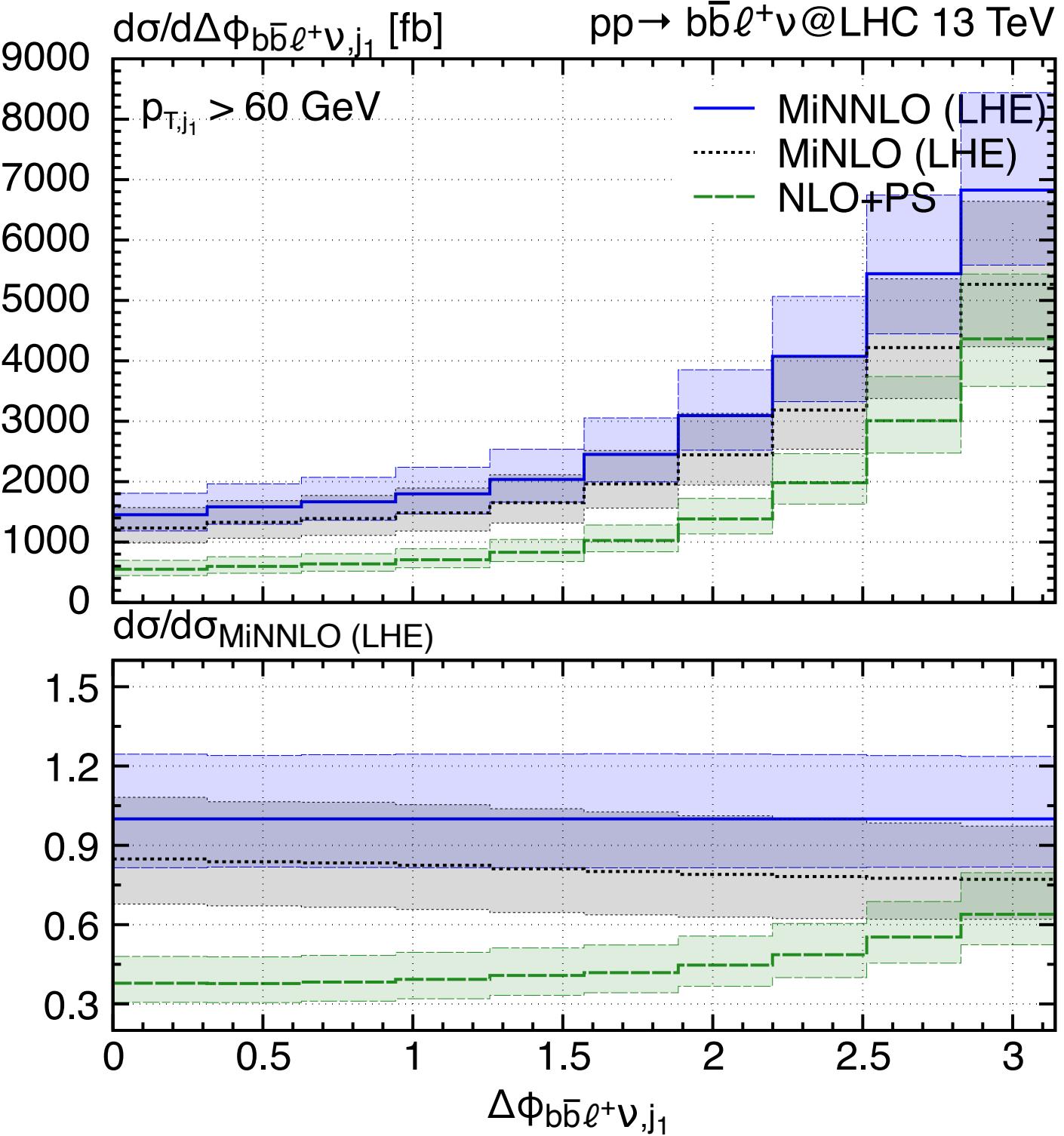


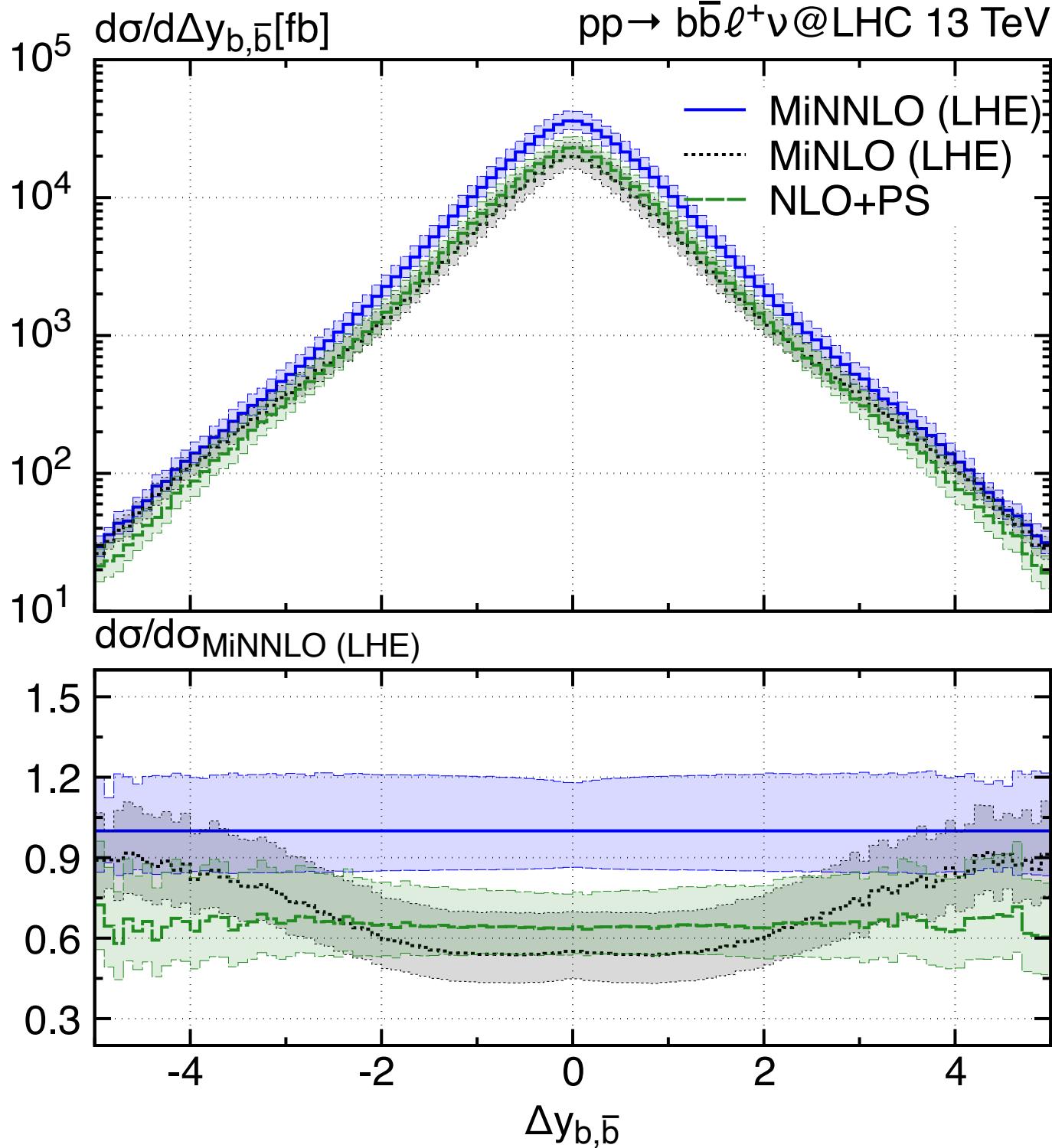


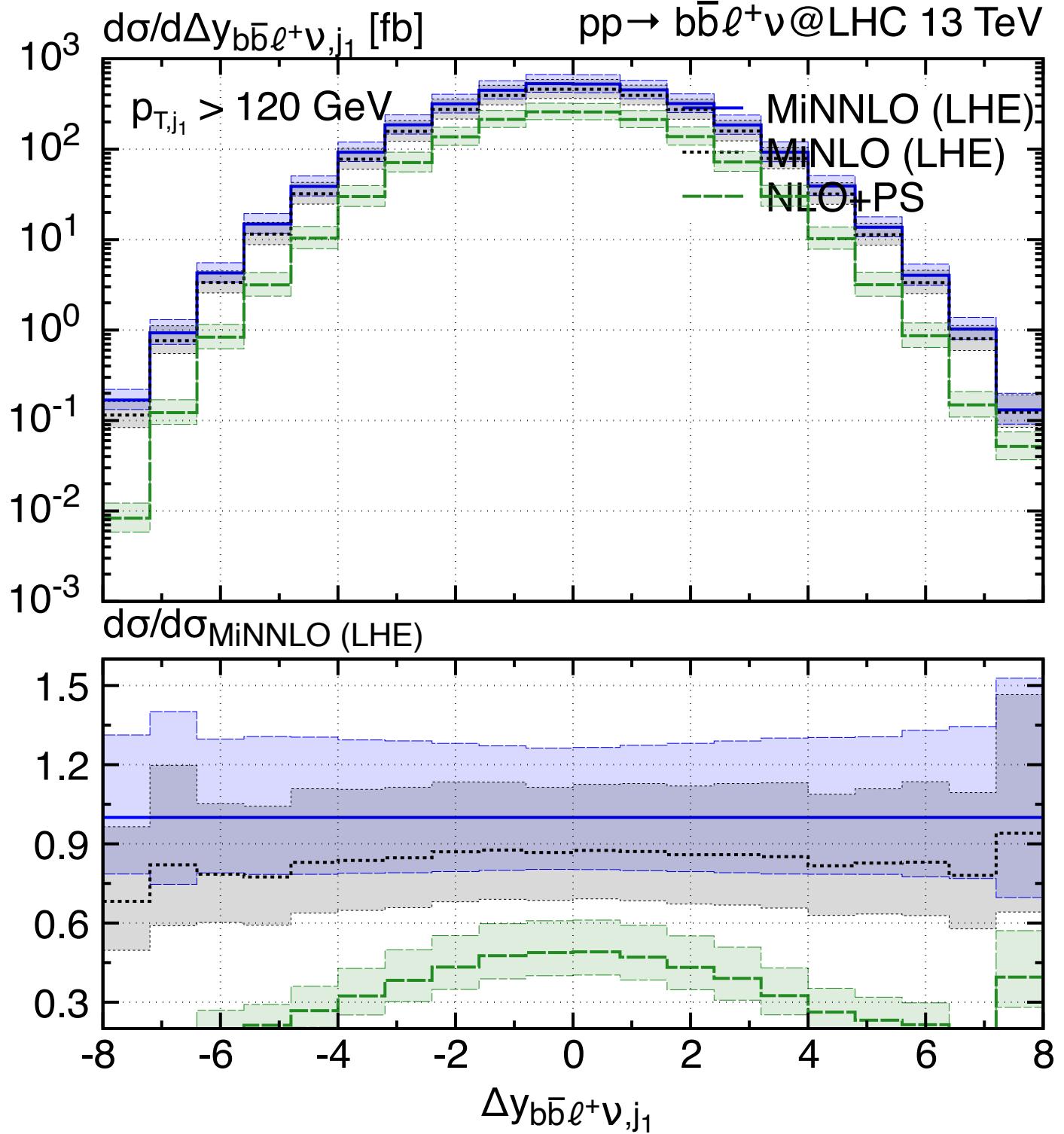


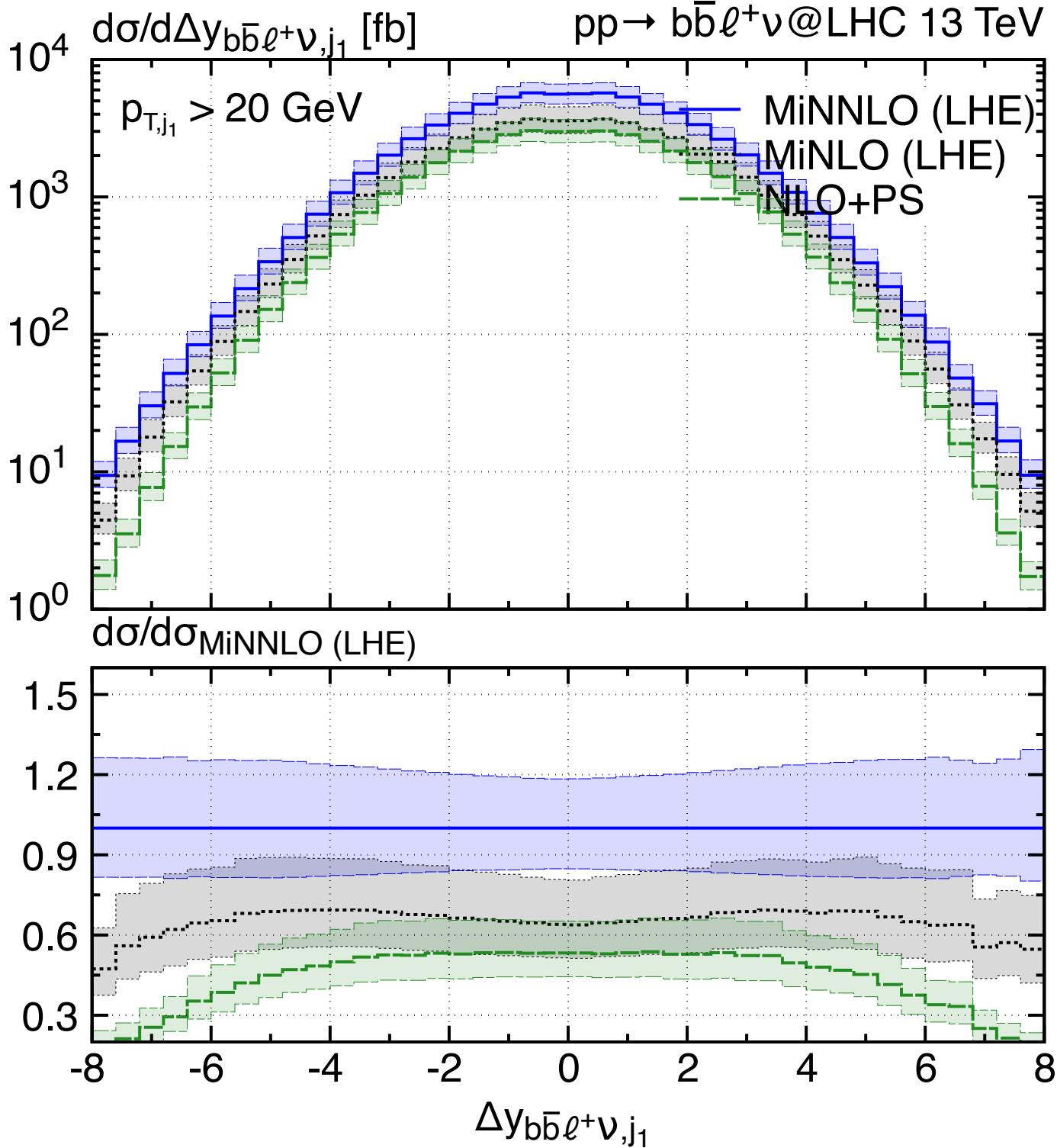


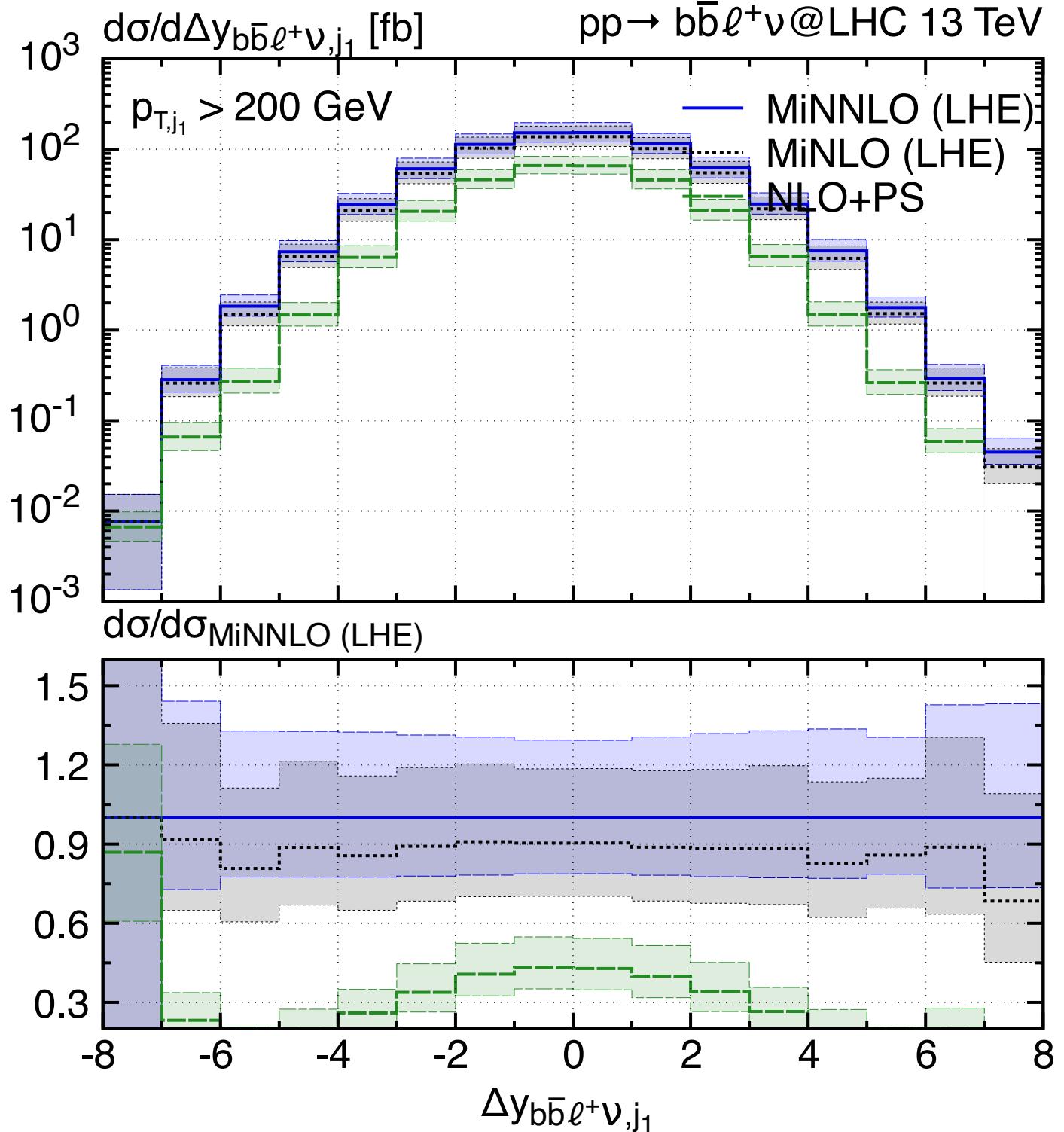


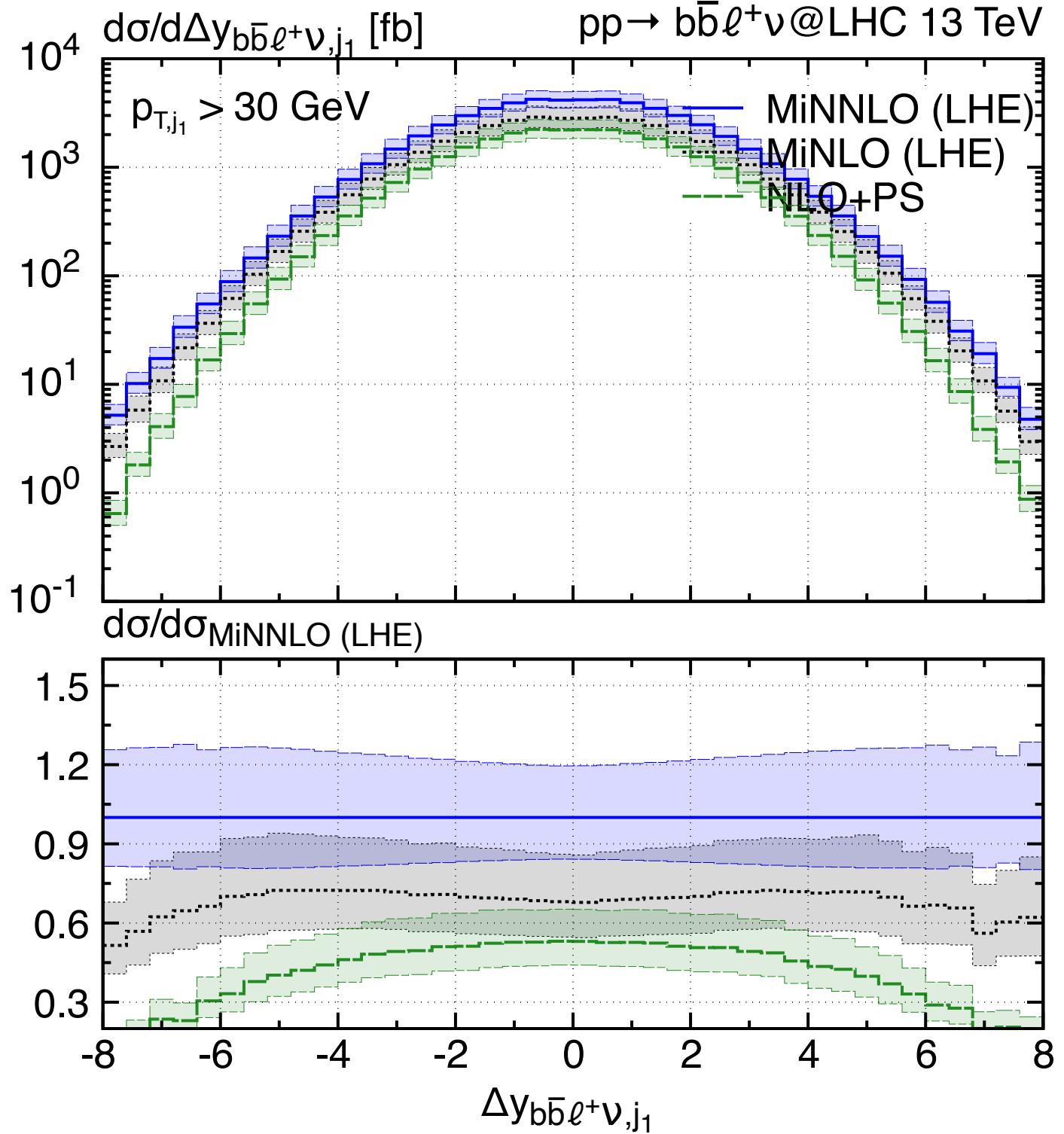


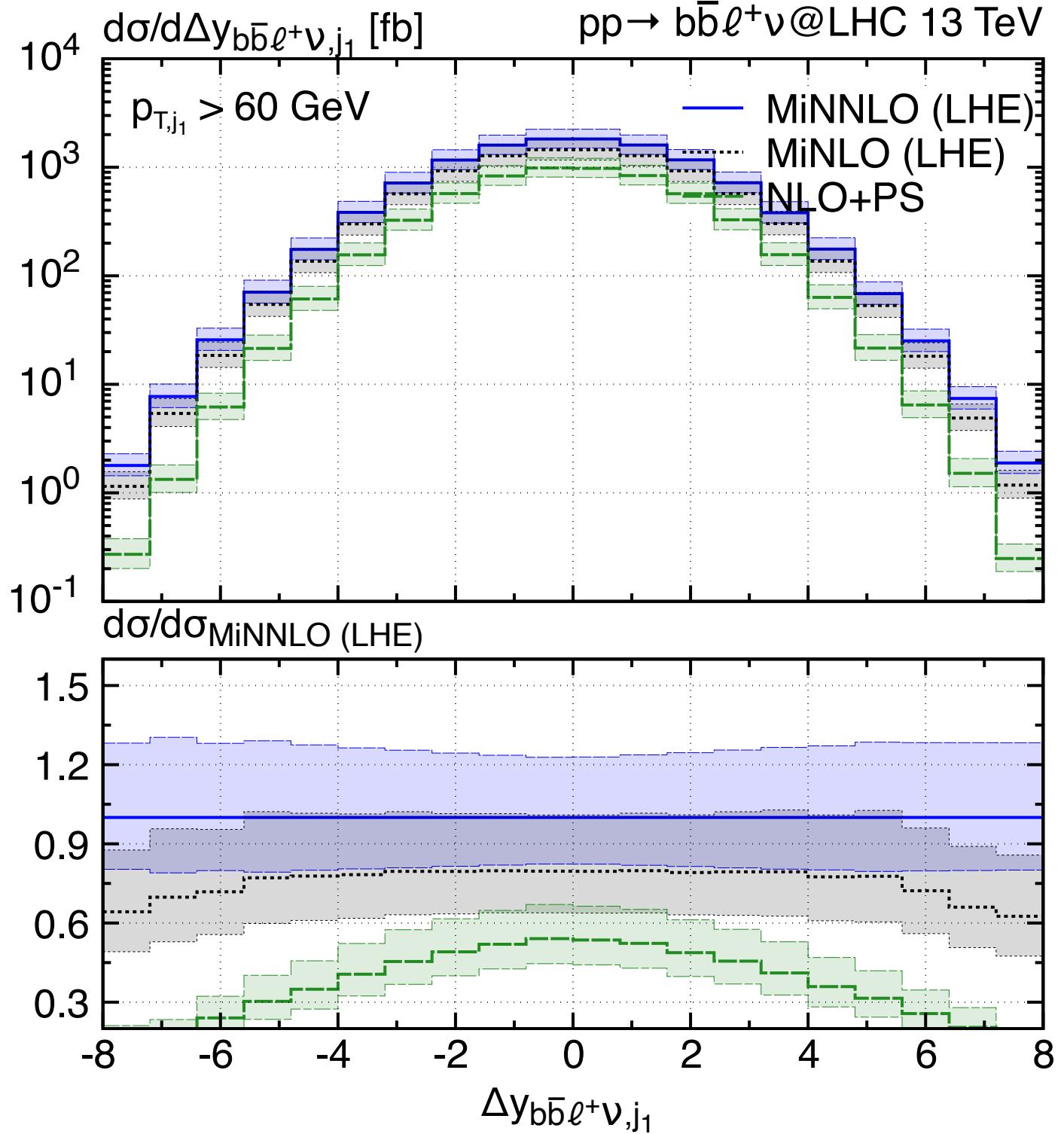


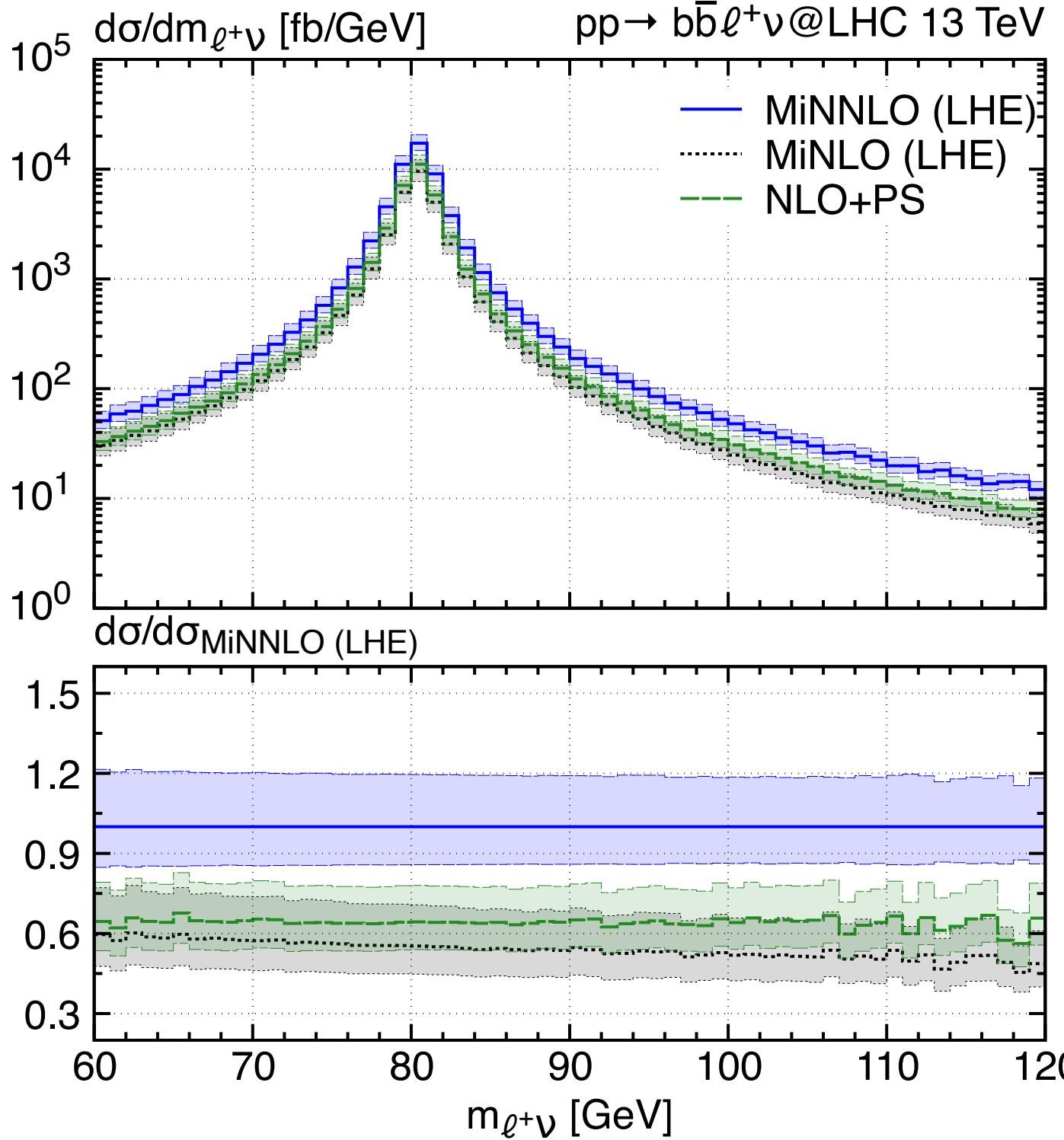


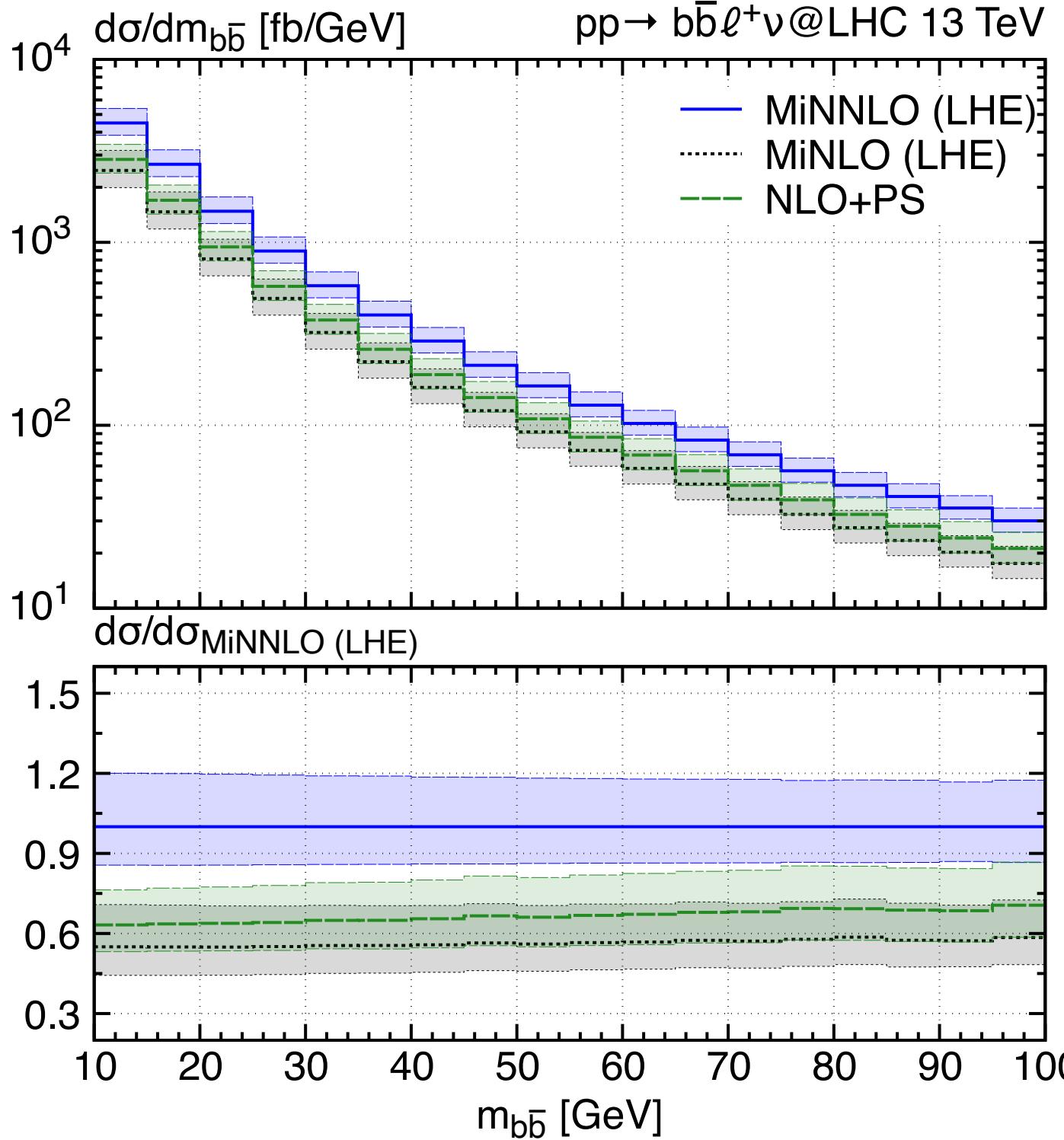


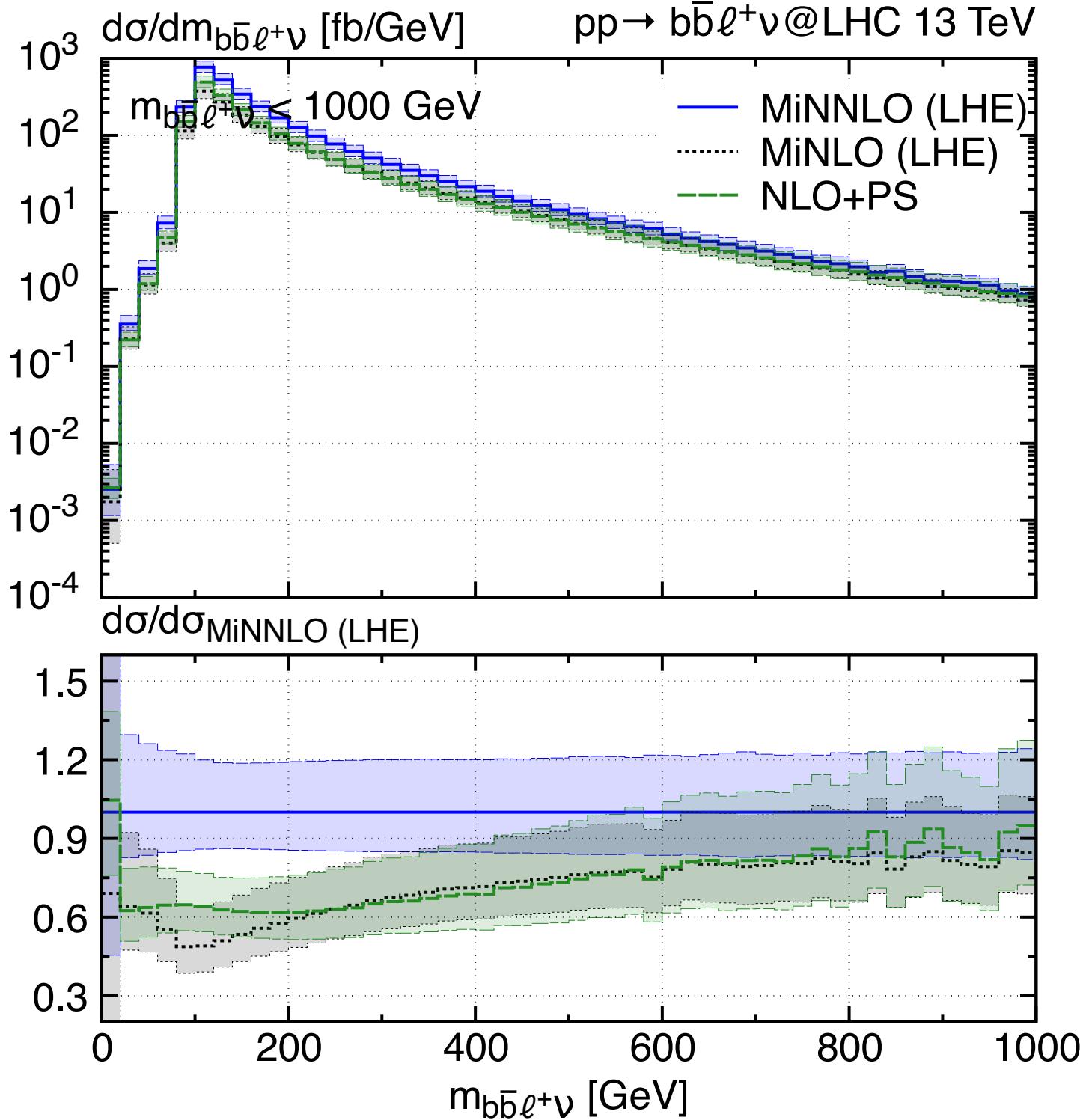


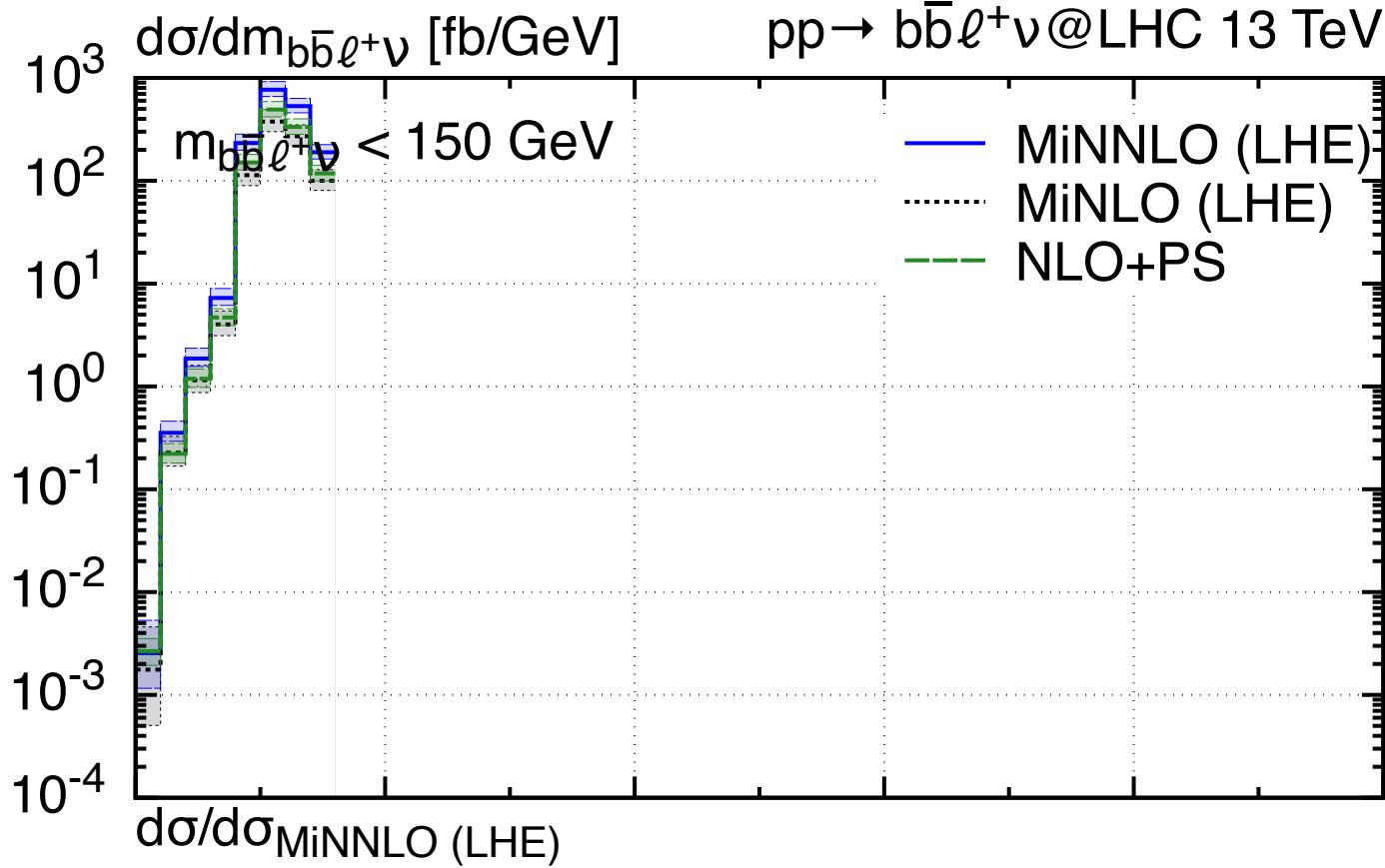
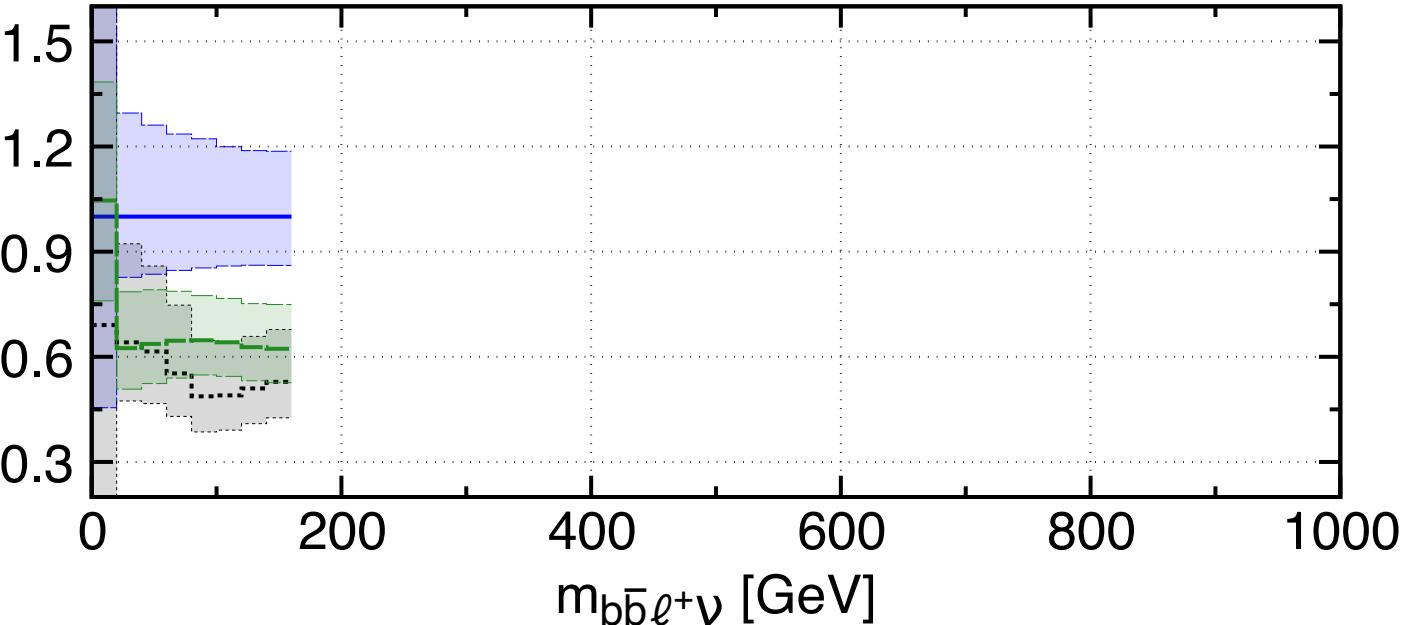


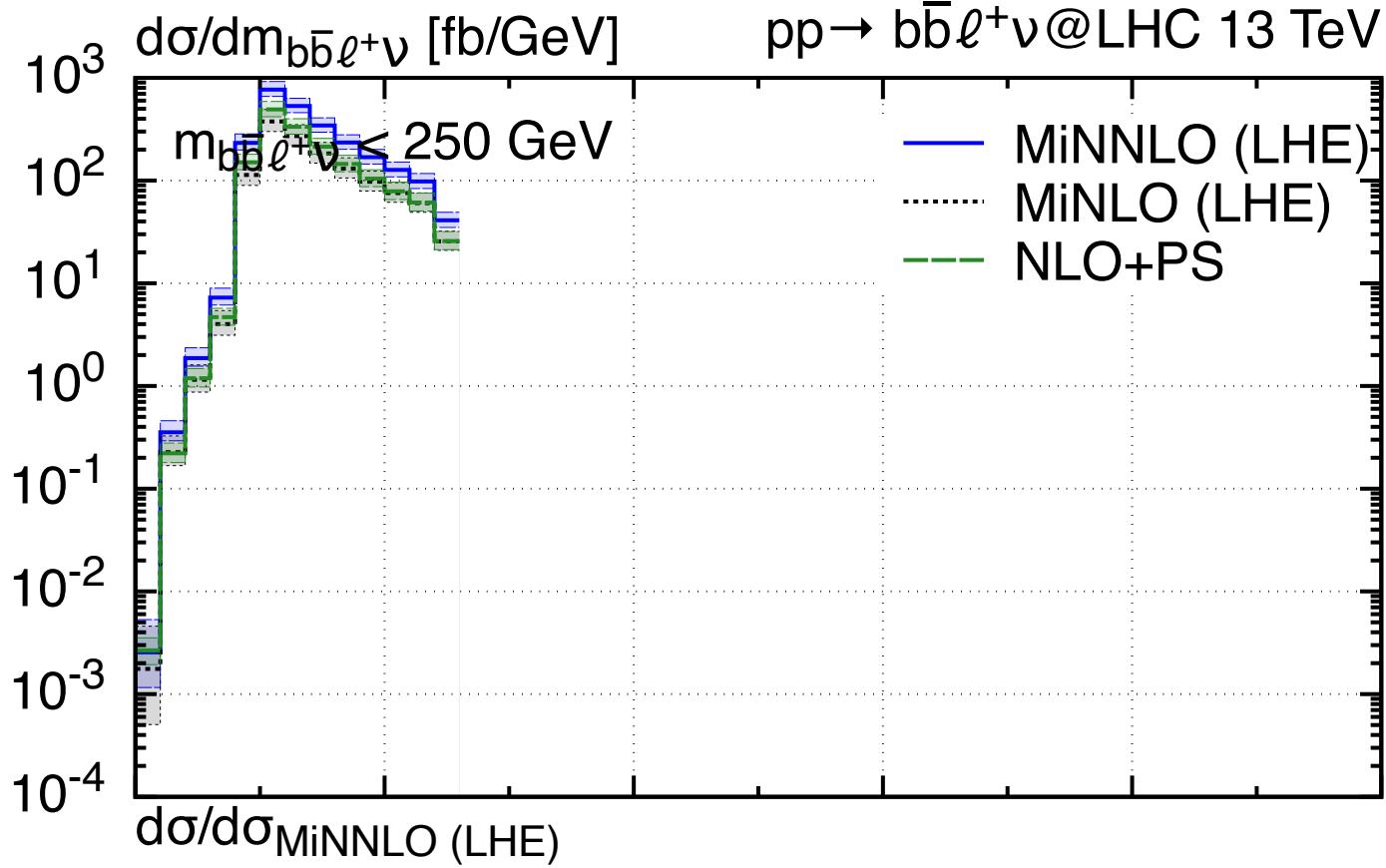
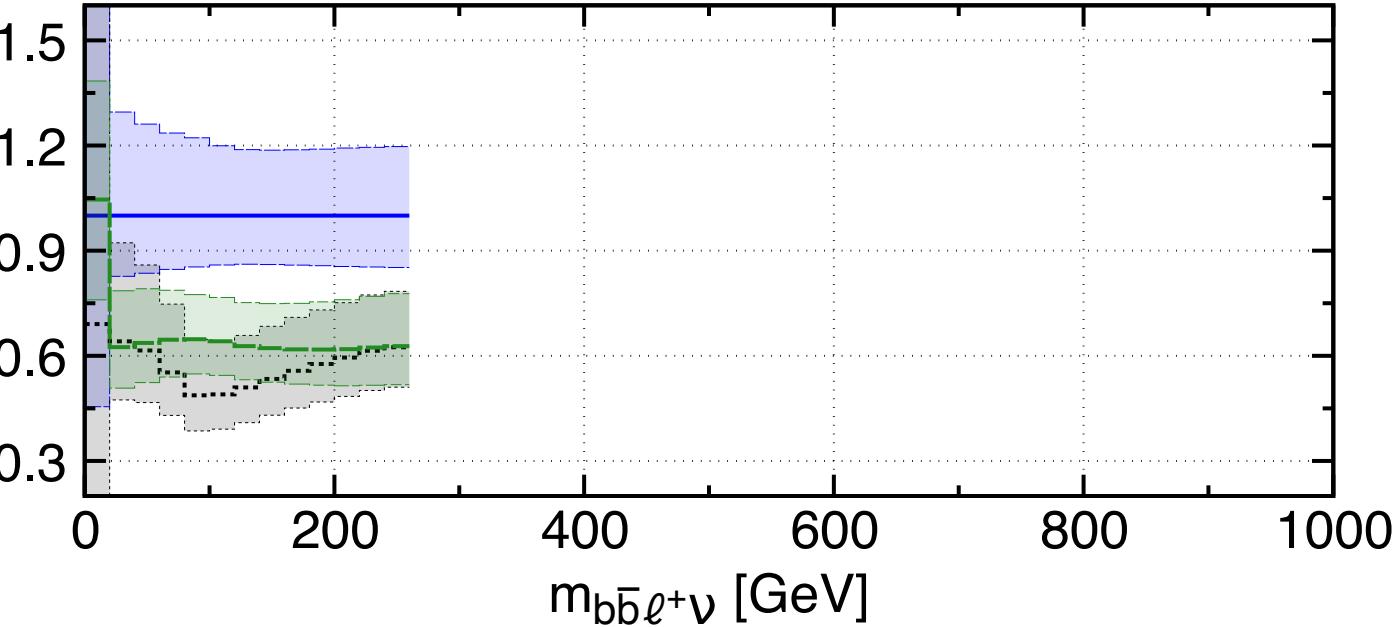


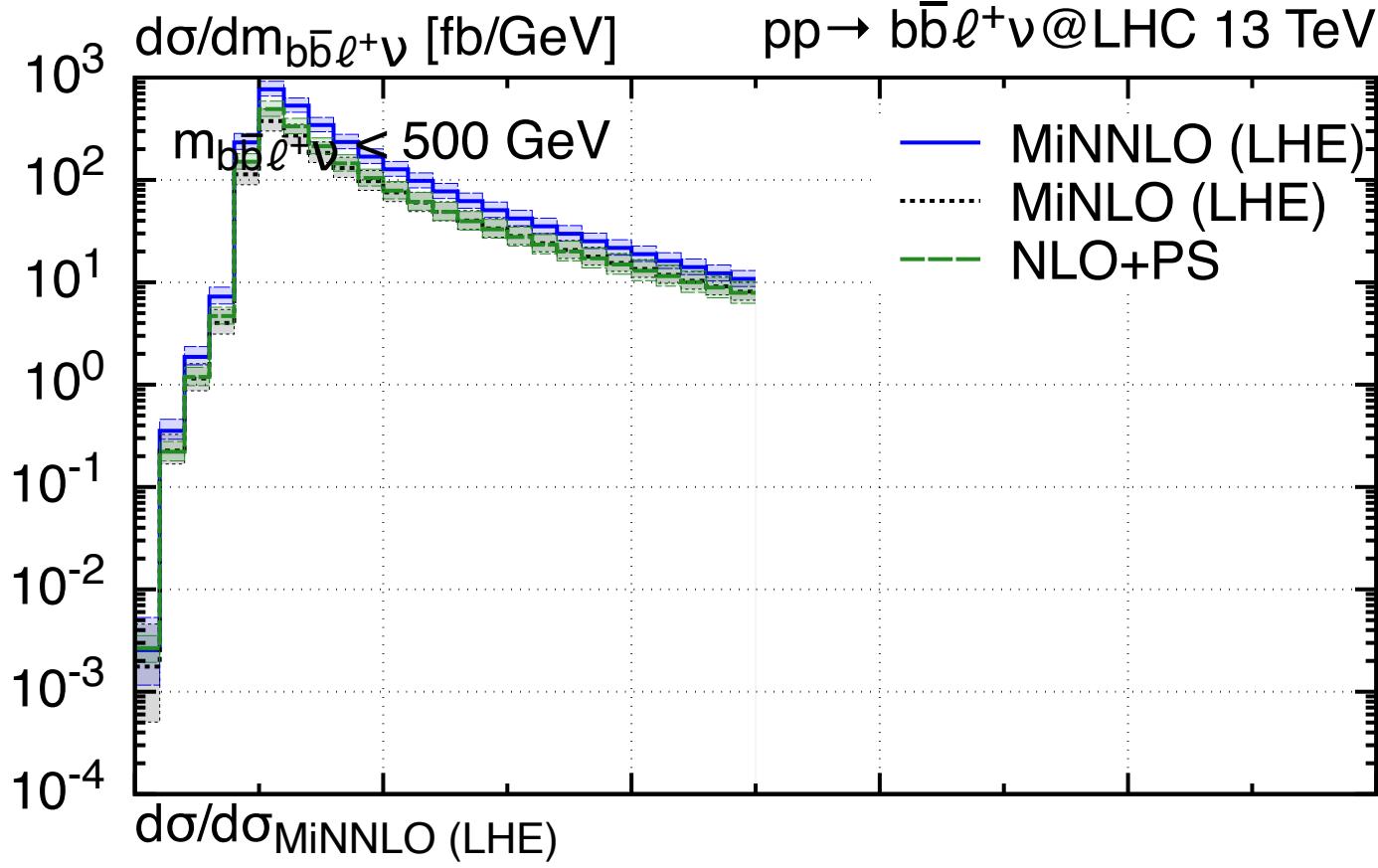
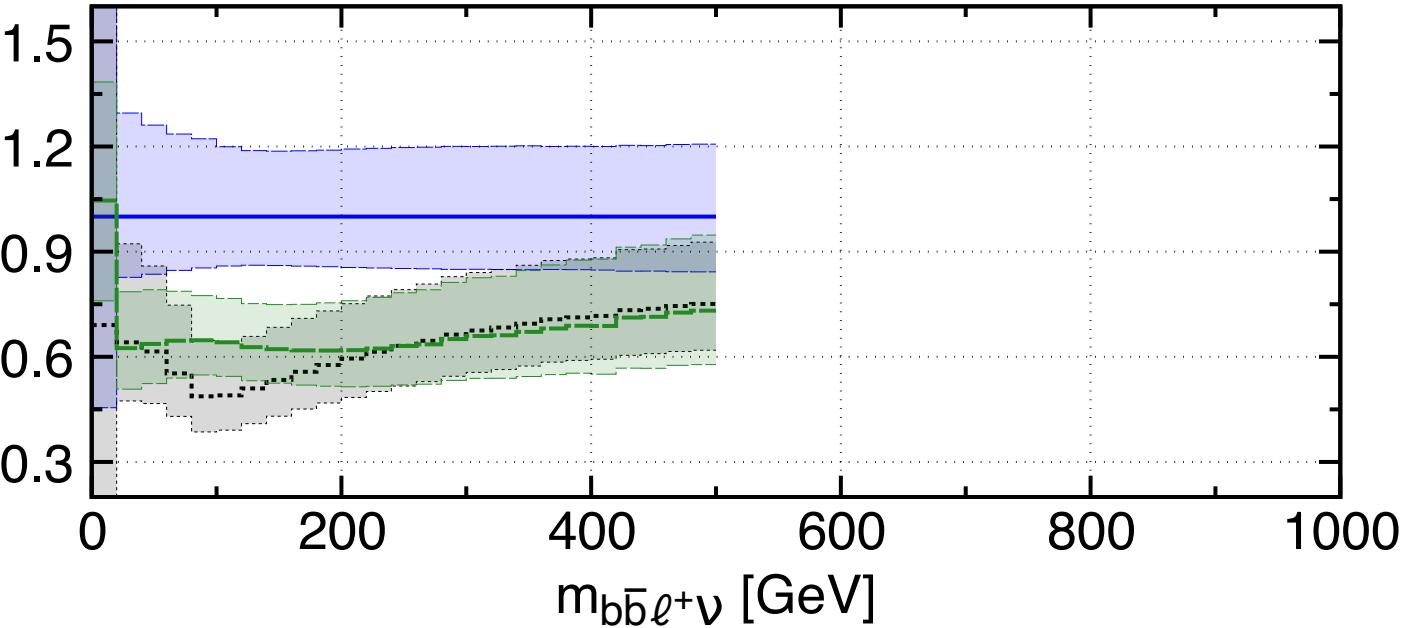


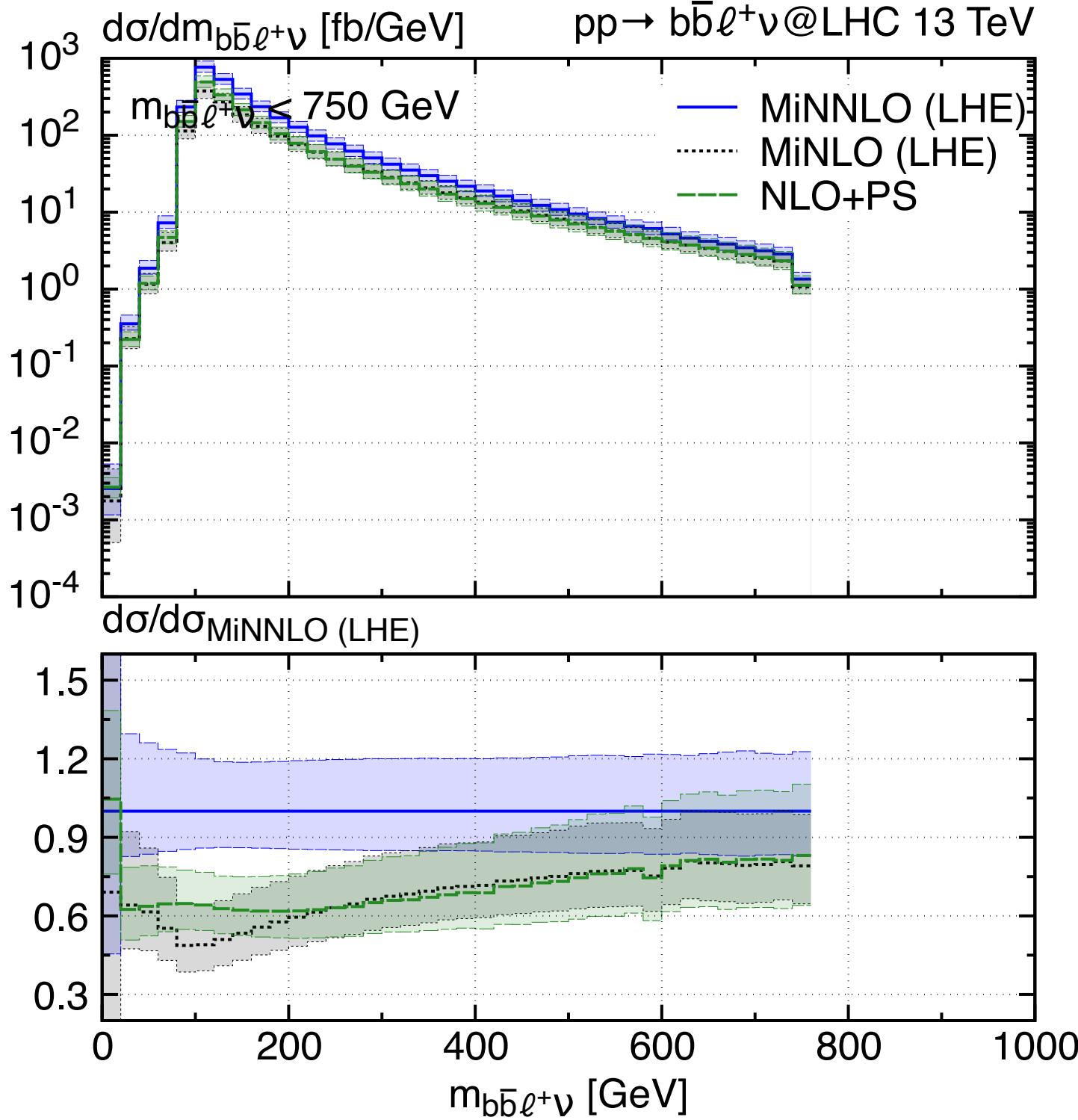


$d\sigma/dm_{b\bar{b}\ell^+\nu}$  [fb/GeV]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

$d\sigma/dm_{b\bar{b}\ell^+\nu}$  [fb/GeV]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

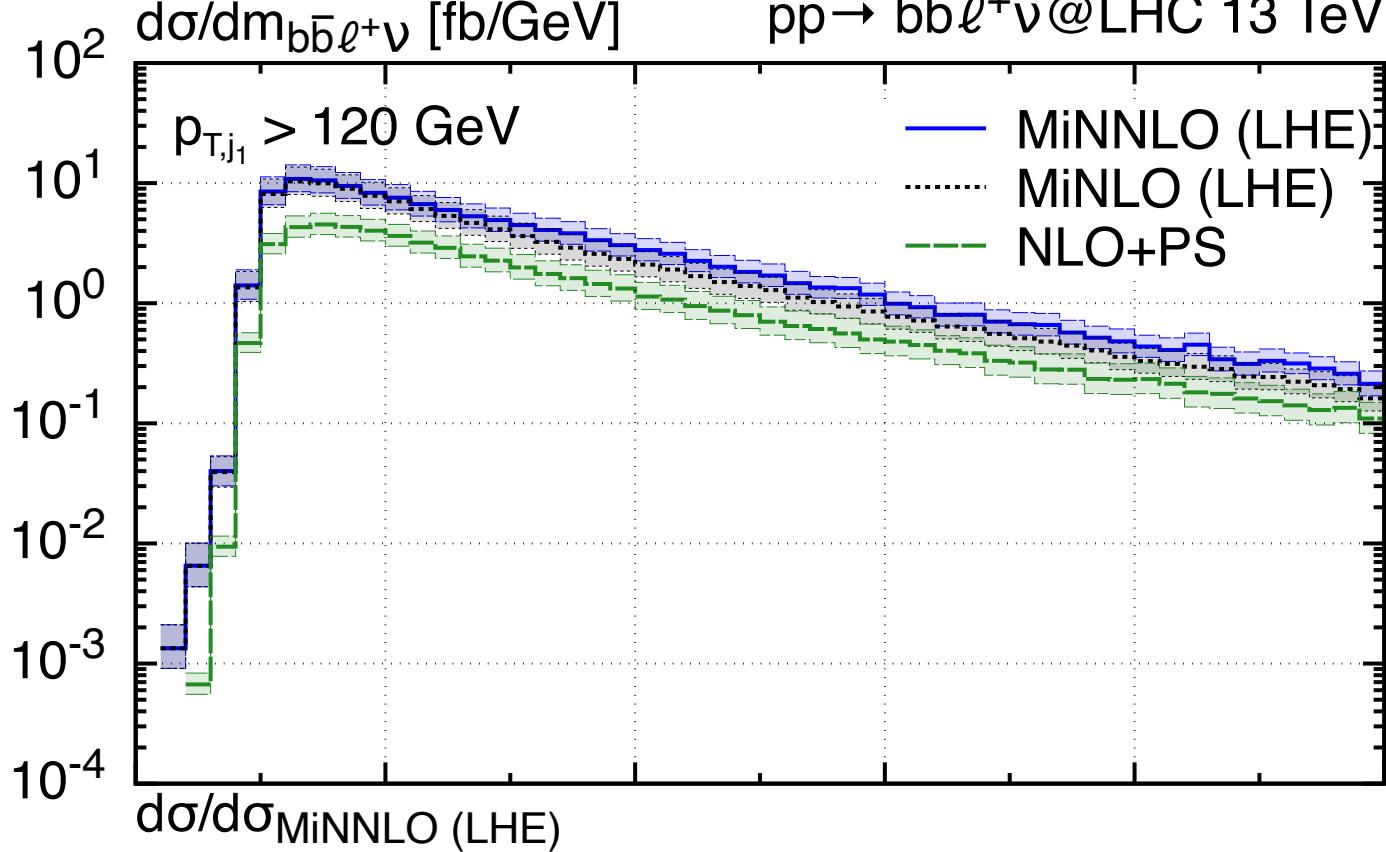
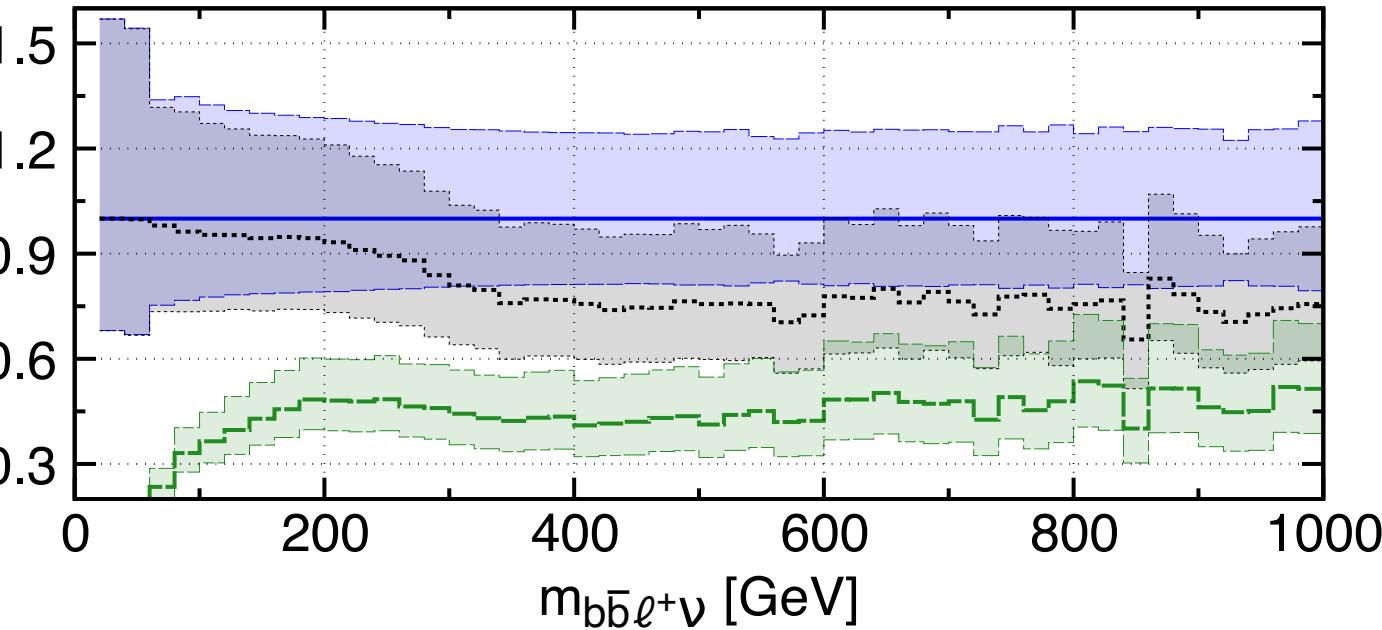
$d\sigma/dm_{b\bar{b}\ell^+\nu}$  [fb/GeV]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

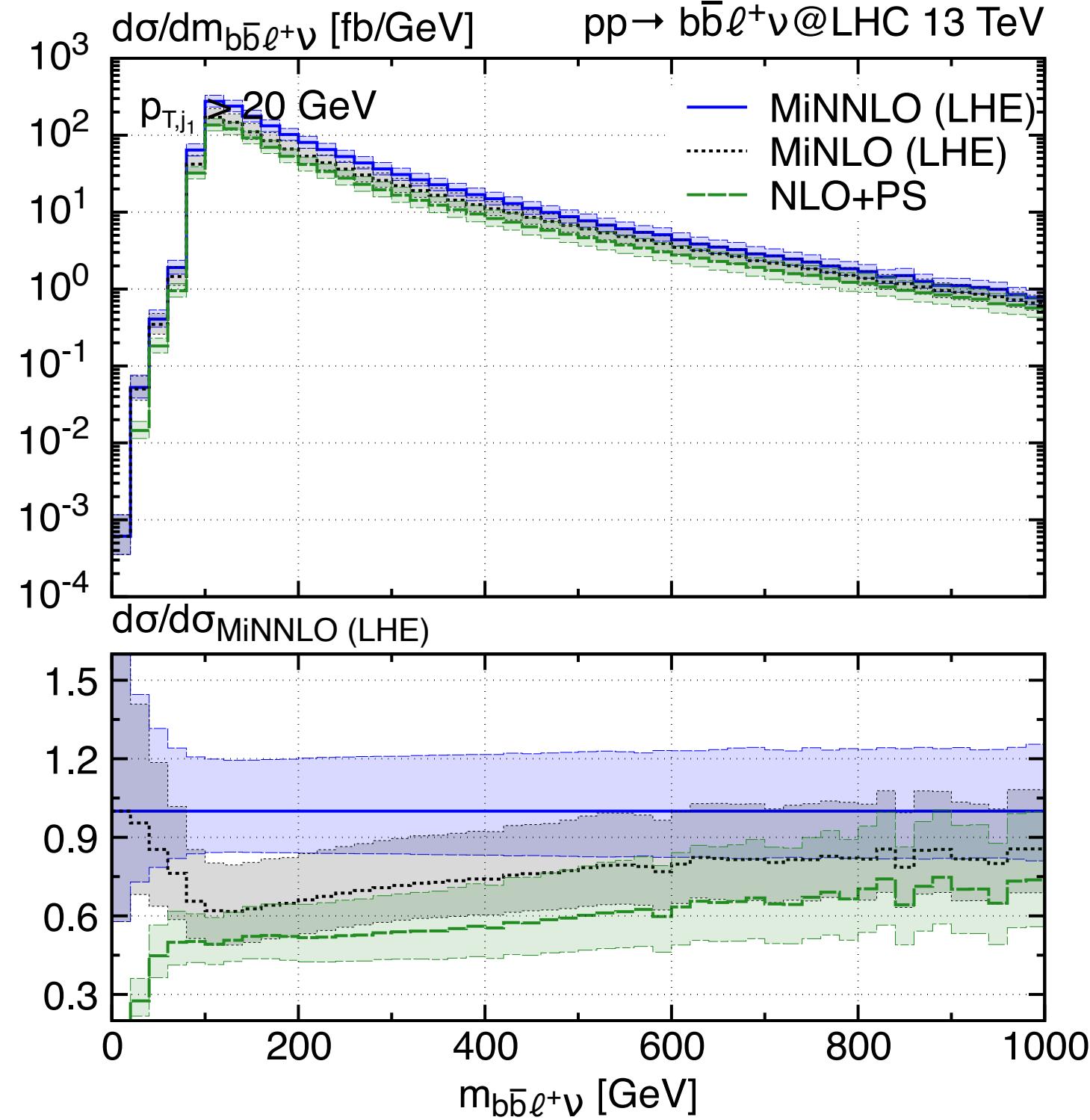
$d\sigma/dm_{b\bar{b}\ell^+\nu}$  [fb/GeV]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

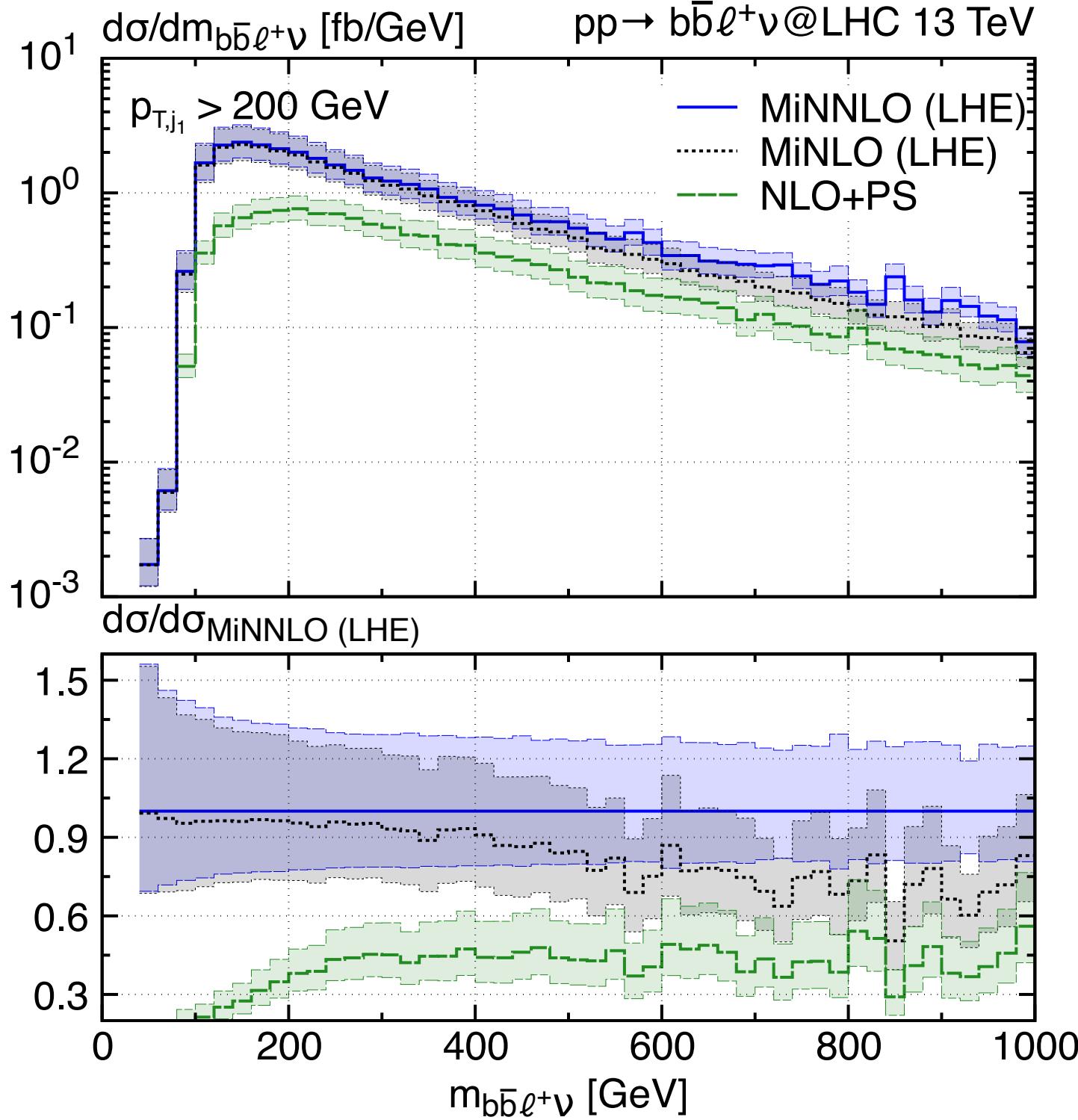


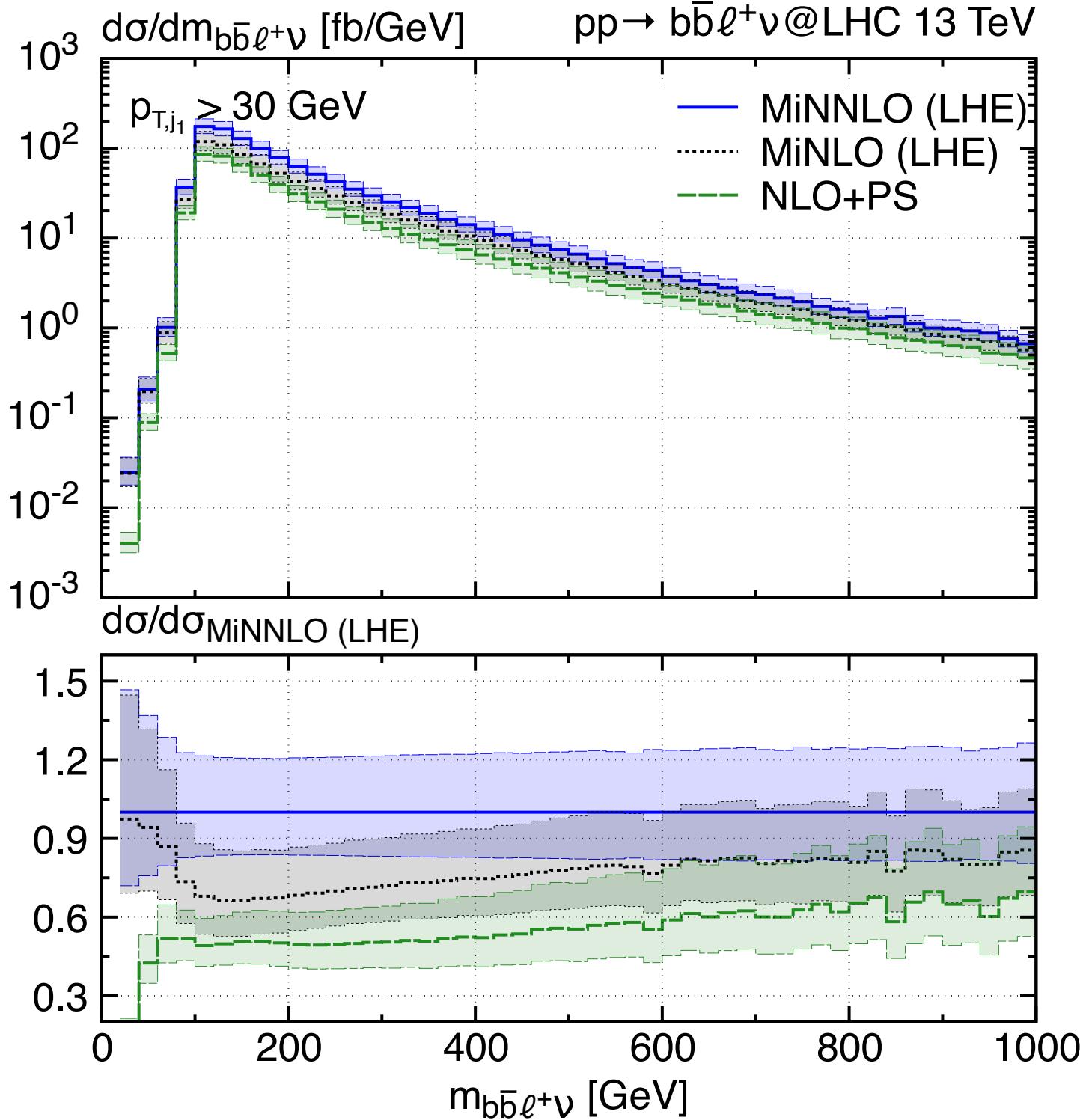
$d\sigma/dm_{b\bar{b}\ell^+\nu}$  [fb/GeV]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $p_{T,j_1} > 120$  GeV

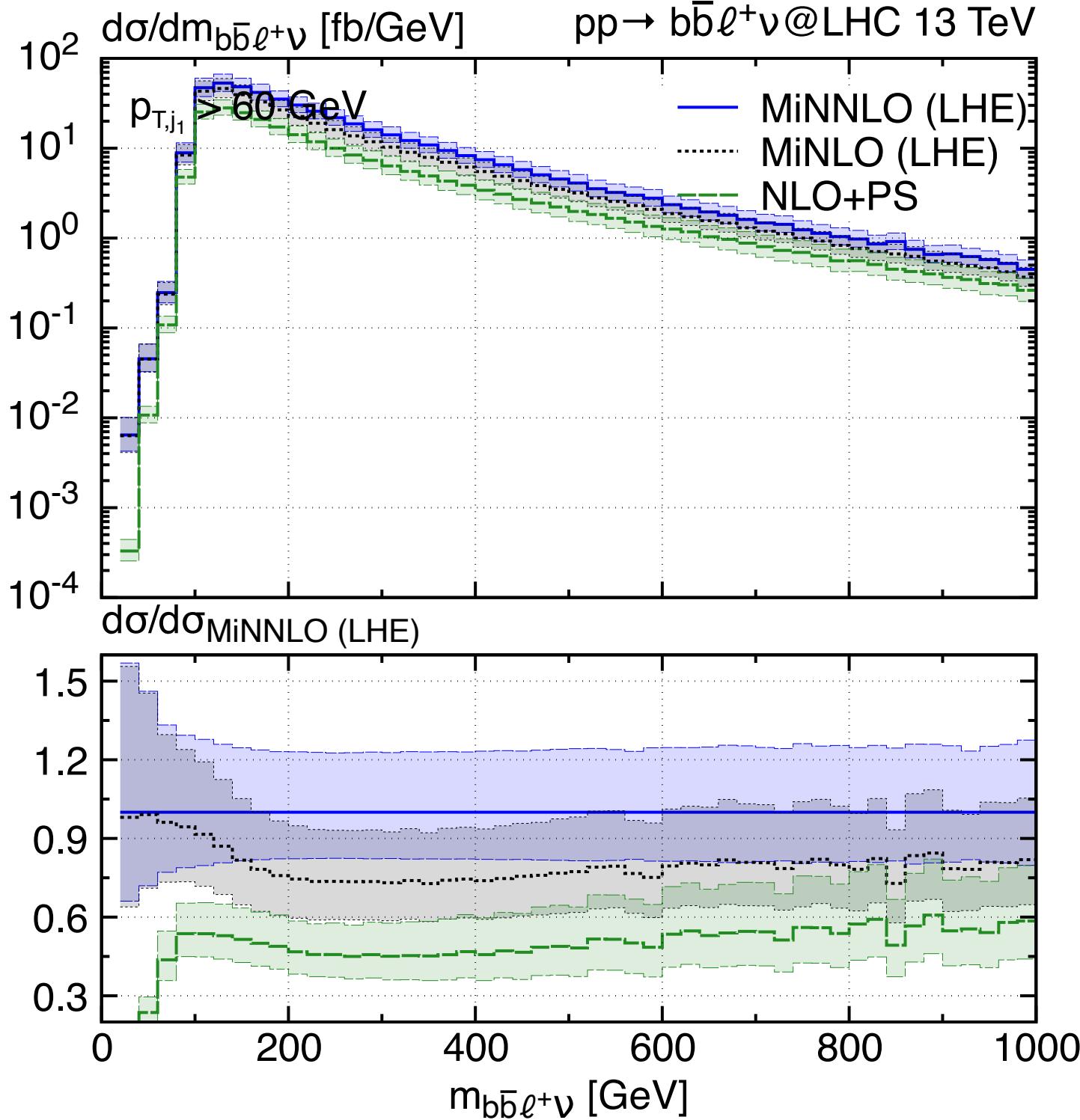
- MiNNLO (LHE)
- MiNLO (LHE)
- NLO+PS

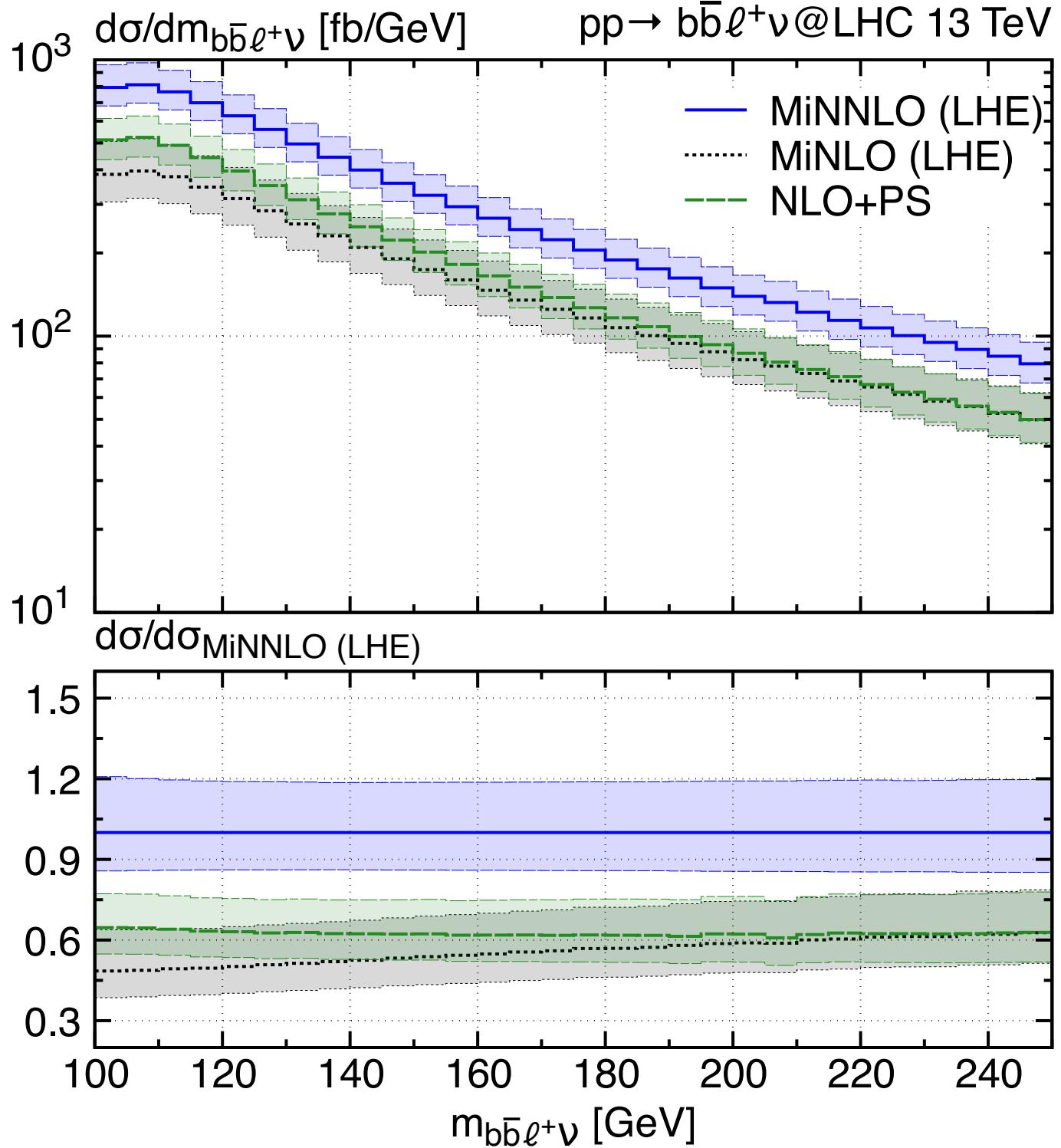
 $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

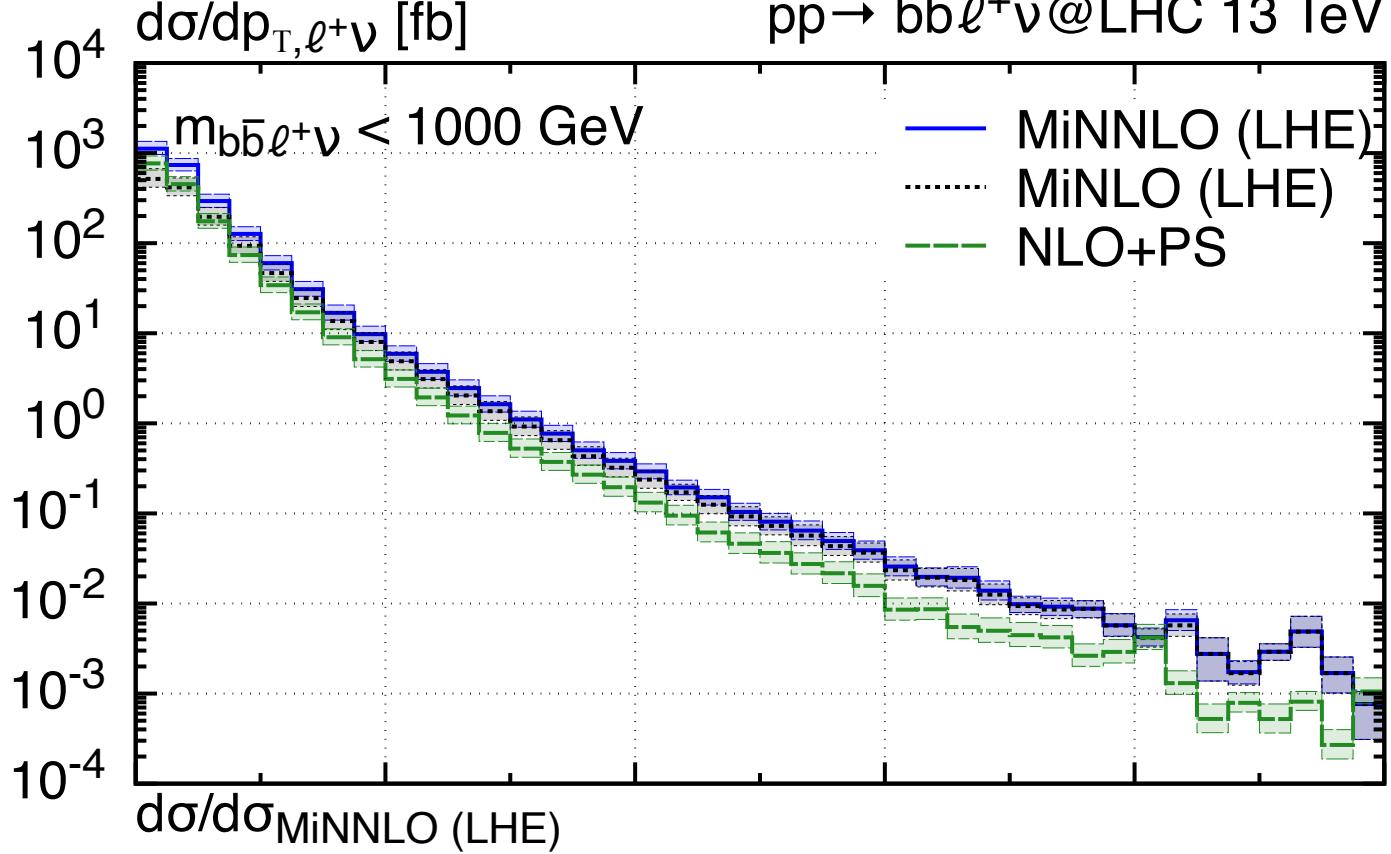
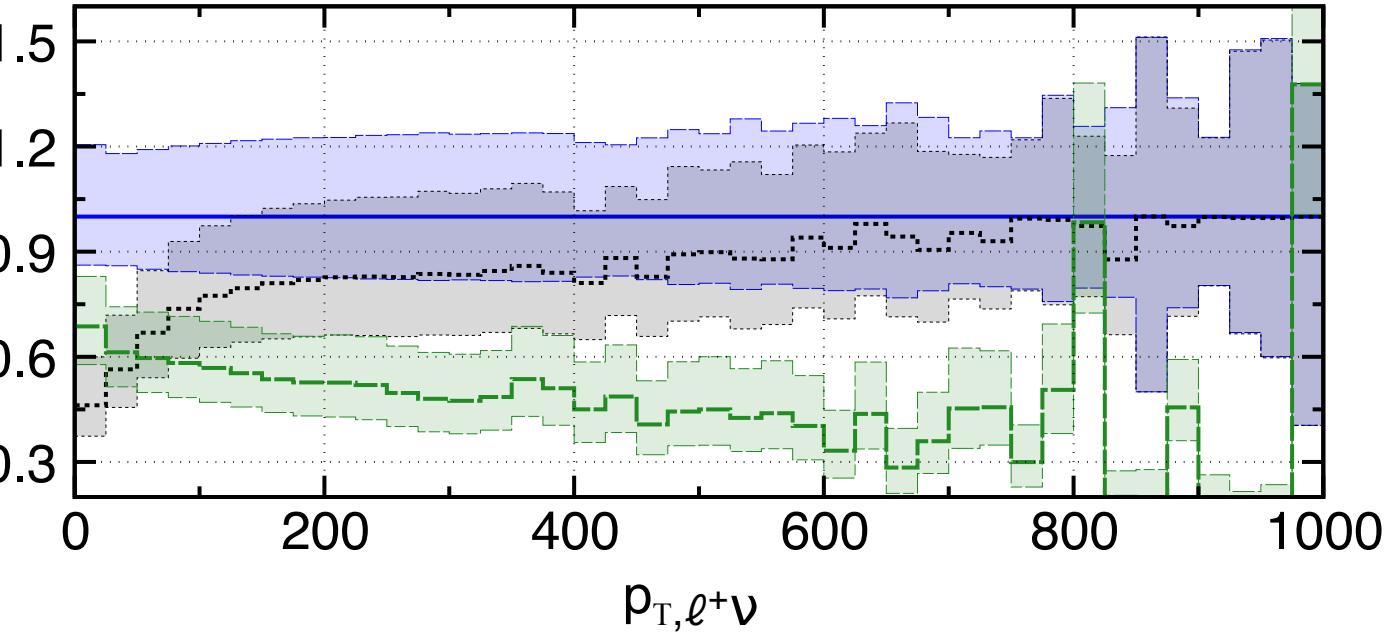


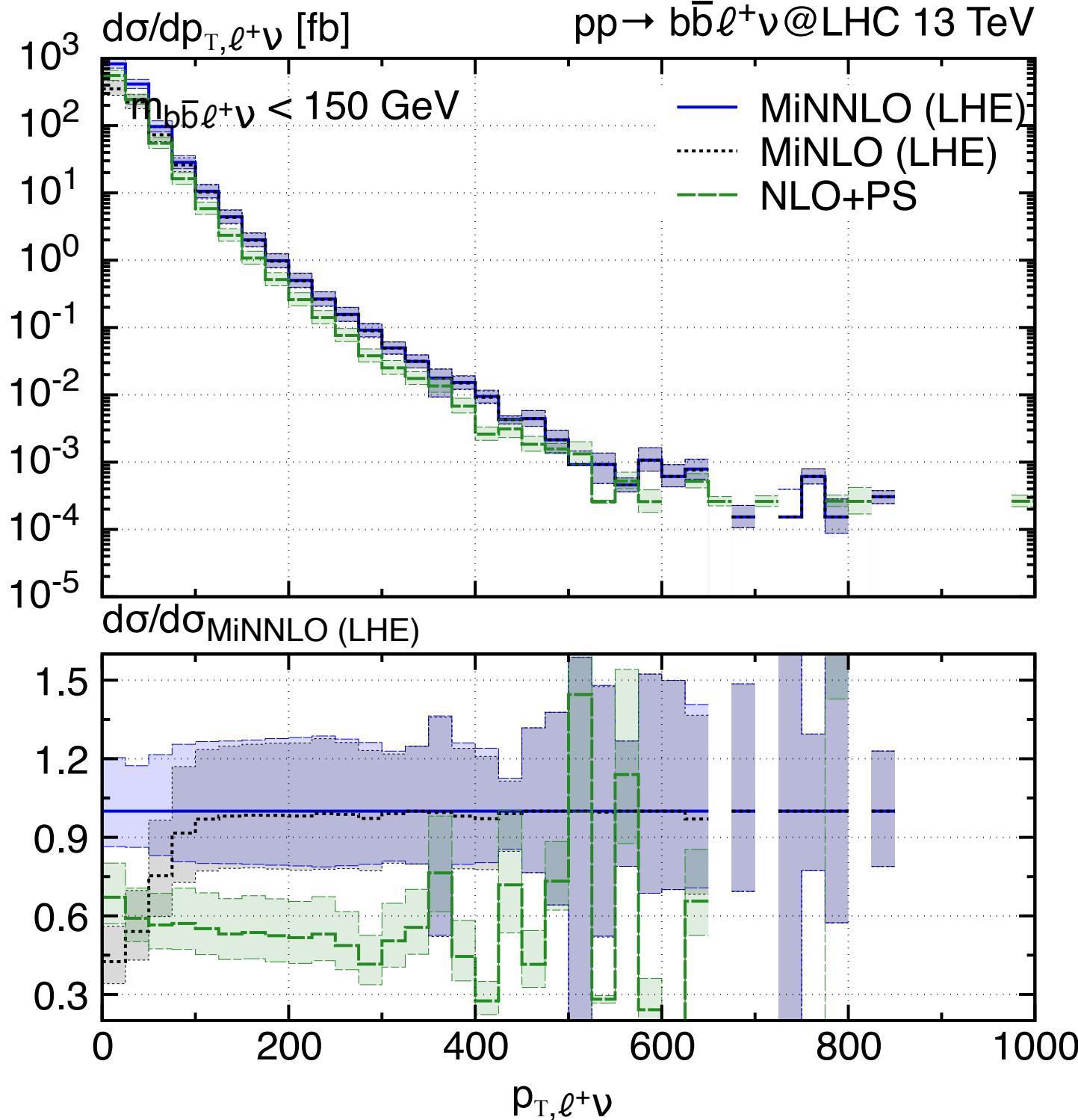


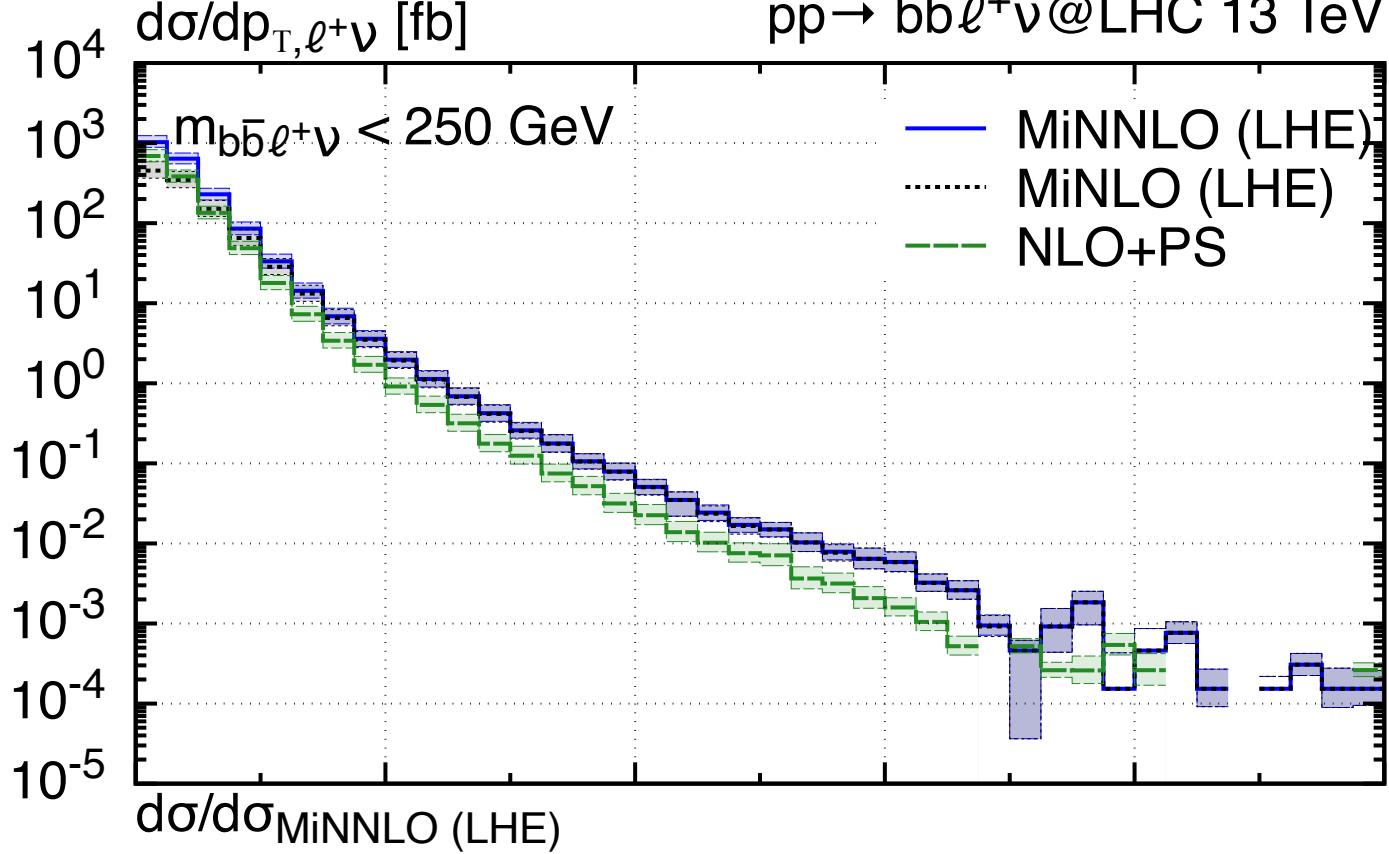
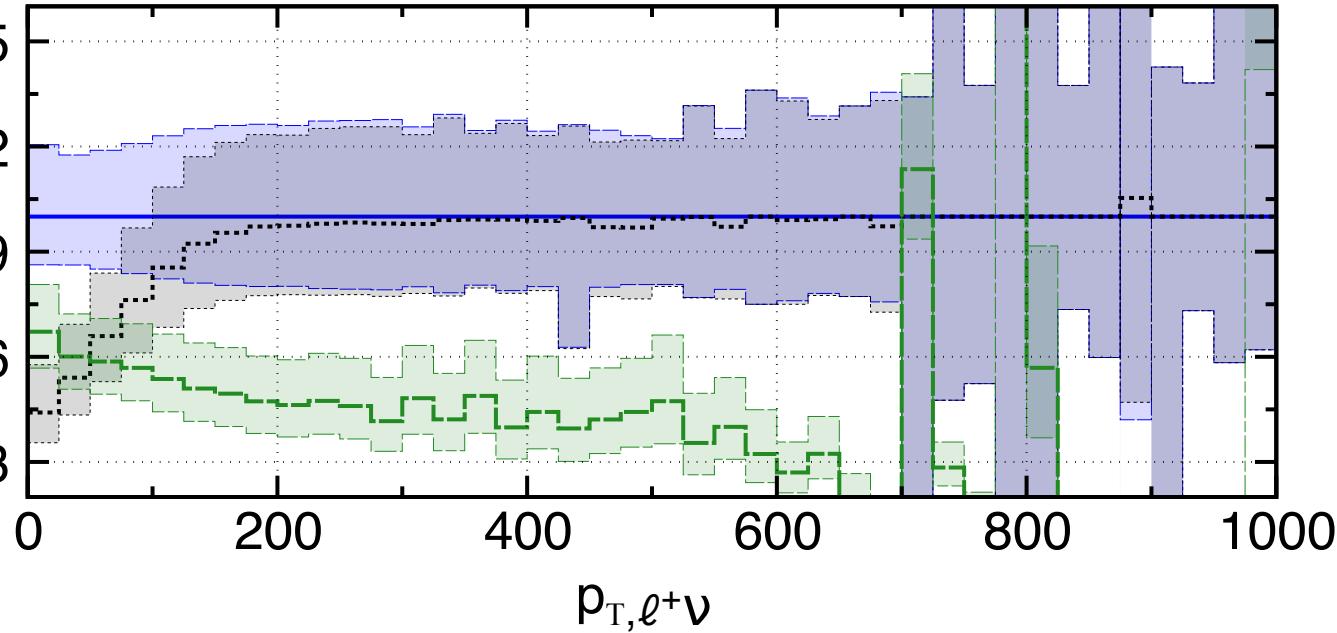
$d\sigma/dm_{b\bar{b}\ell^+\nu}$  [fb/GeV]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

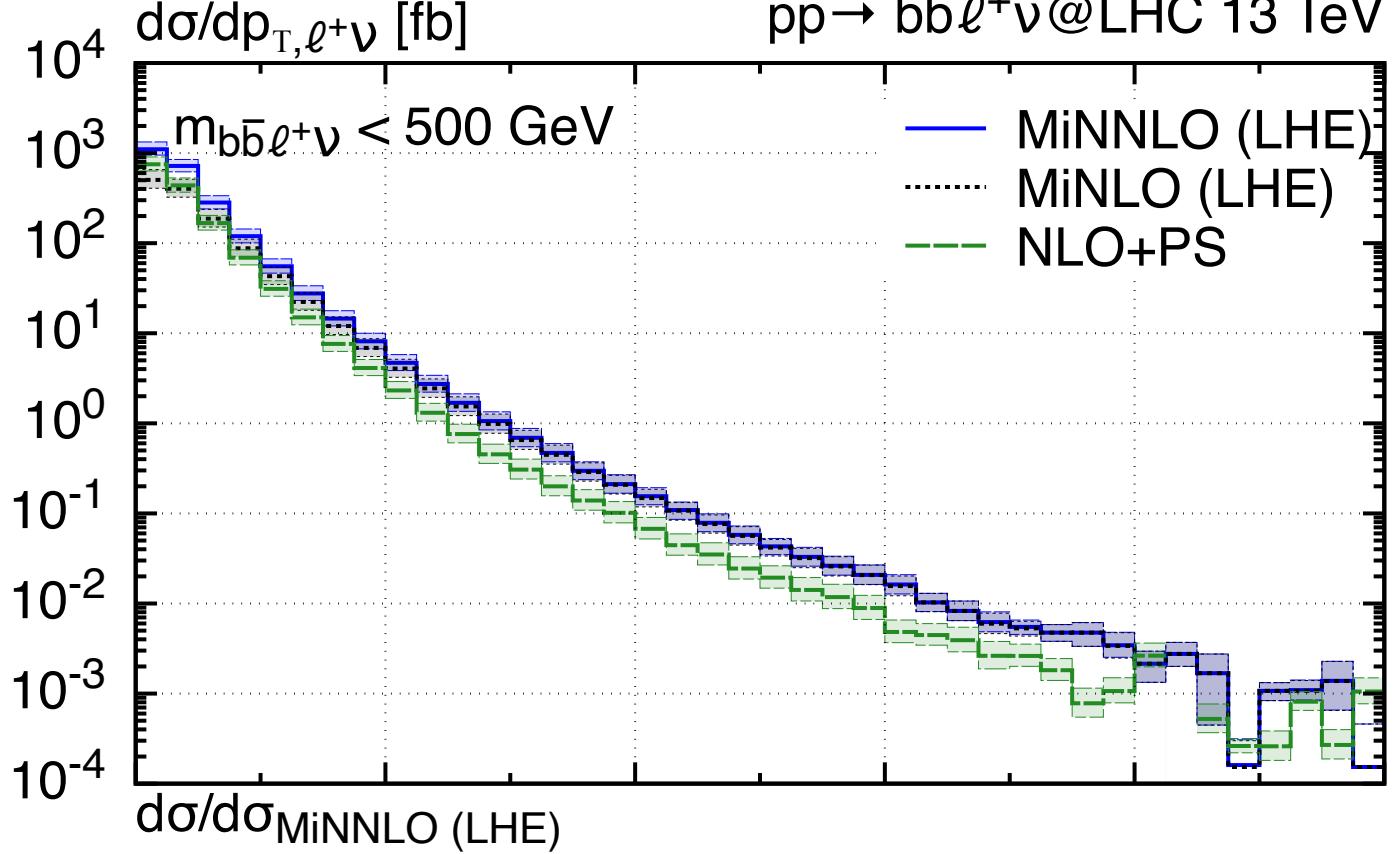
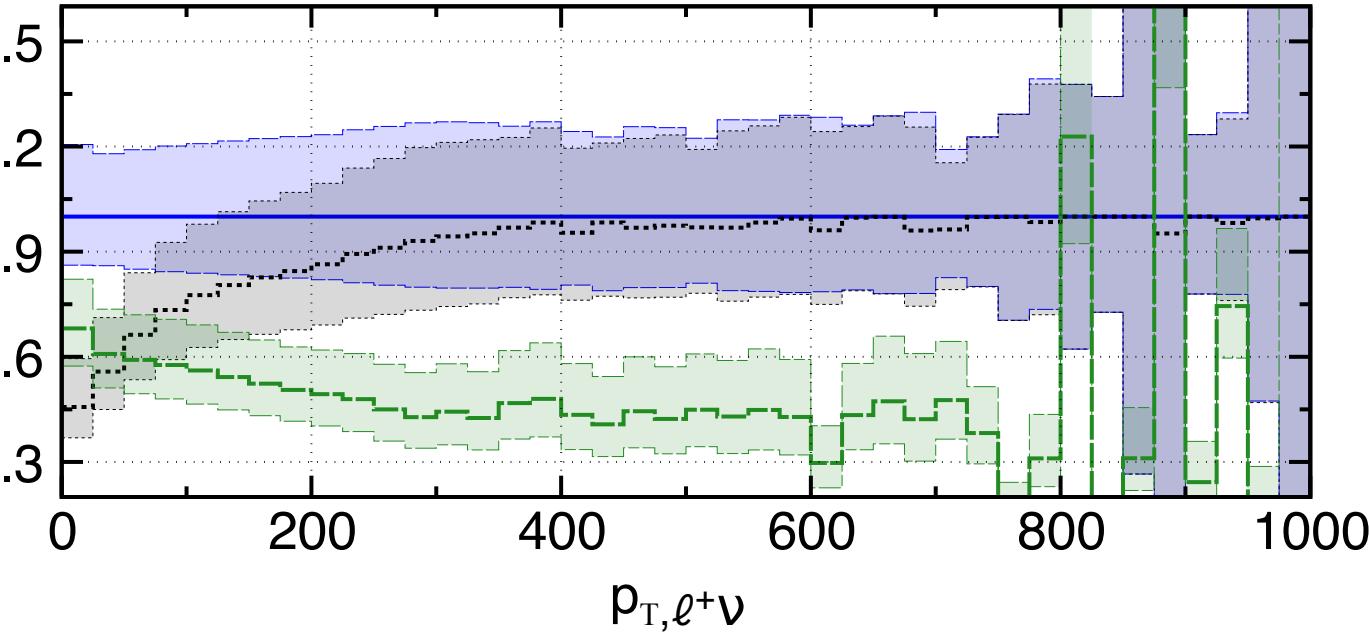
$d\sigma/dm_{b\bar{b}\ell^+\nu}$  [fb/GeV]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

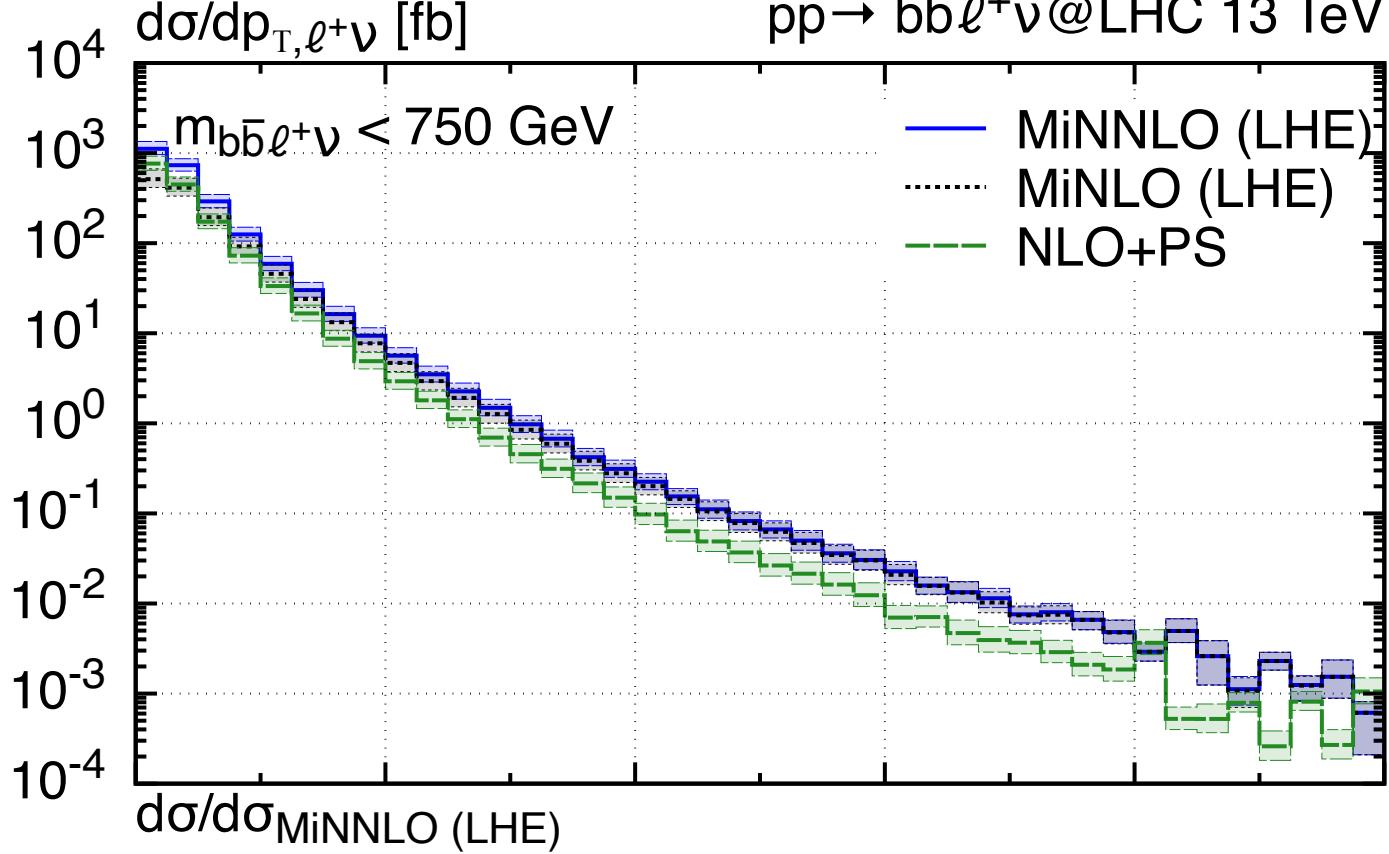
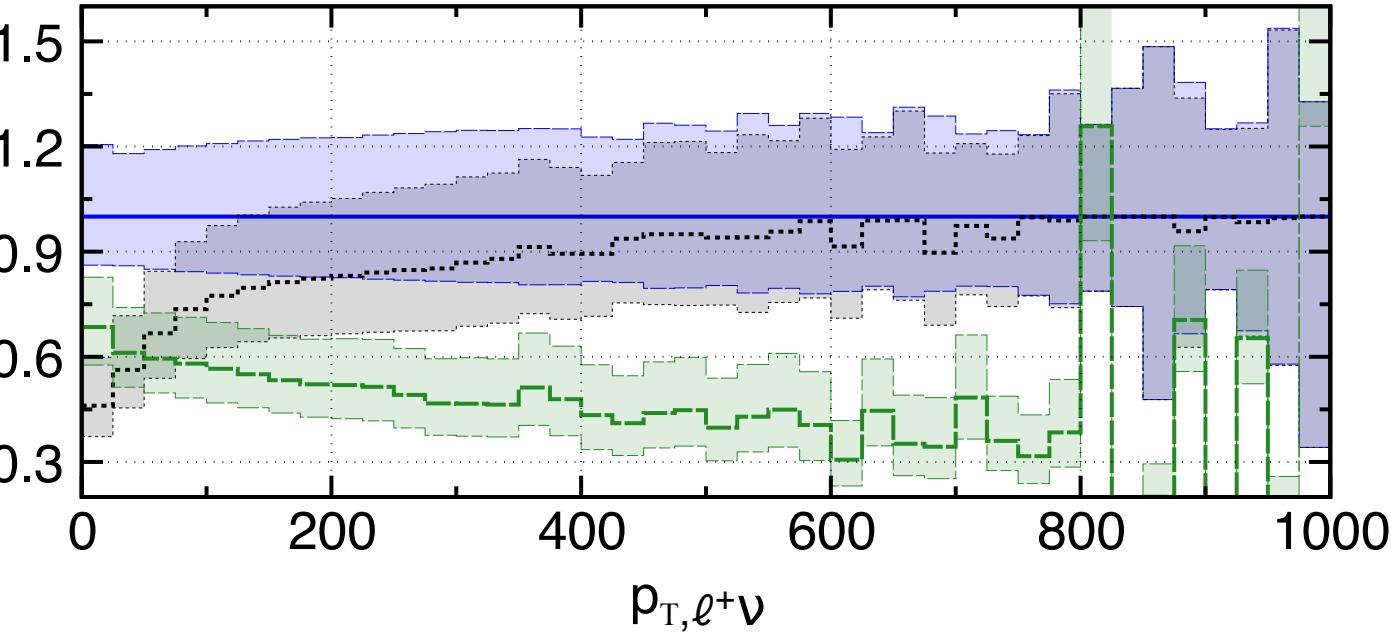


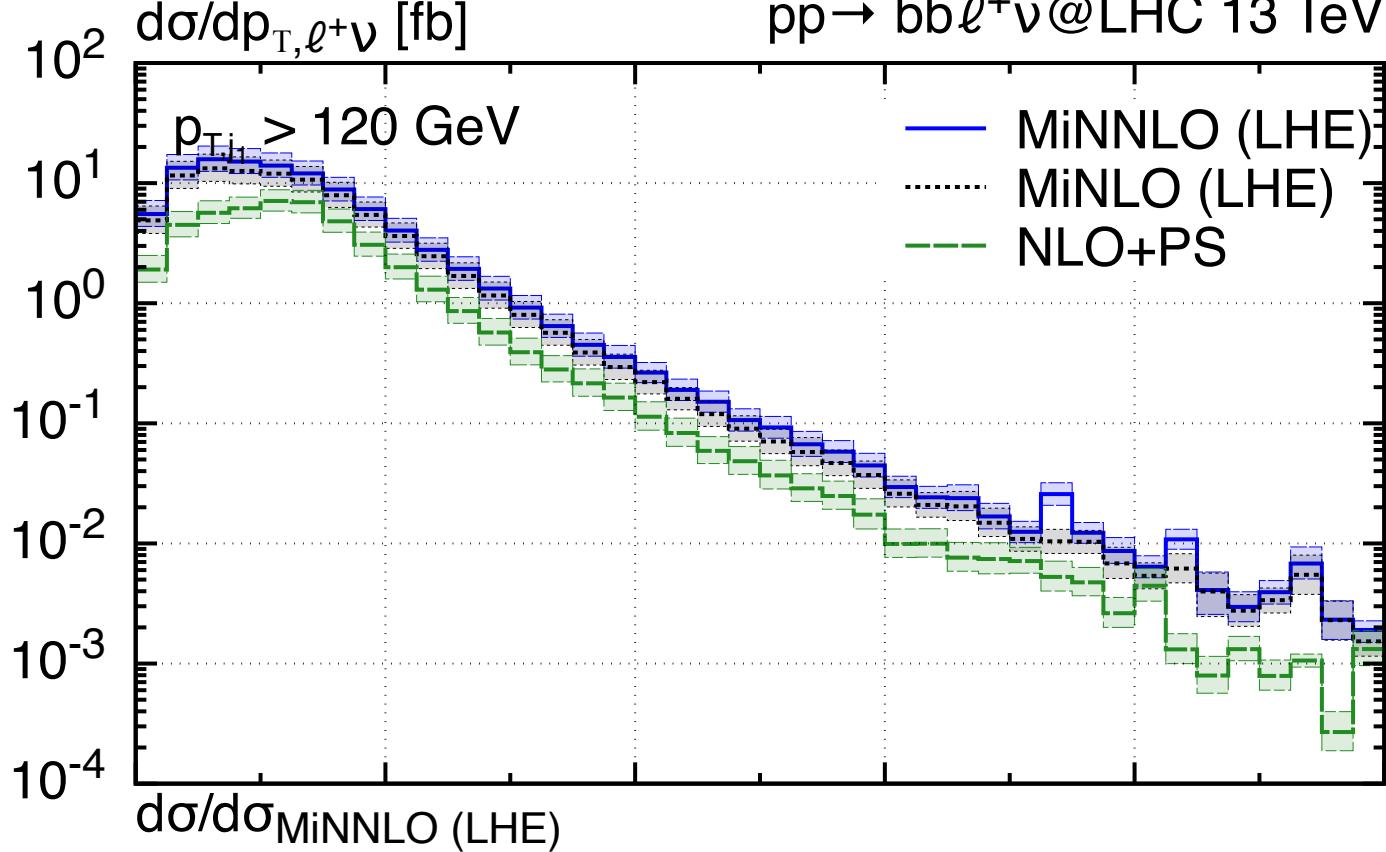
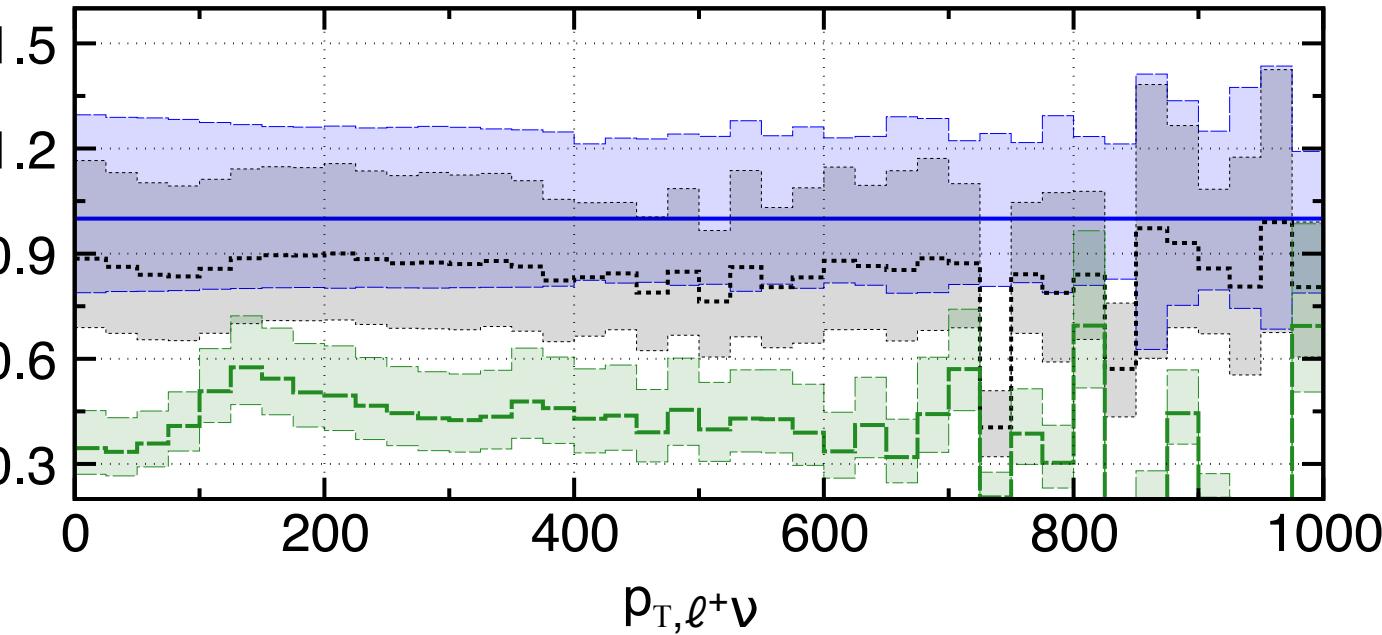
$d\sigma/dp_{T,\ell^+\nu}$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

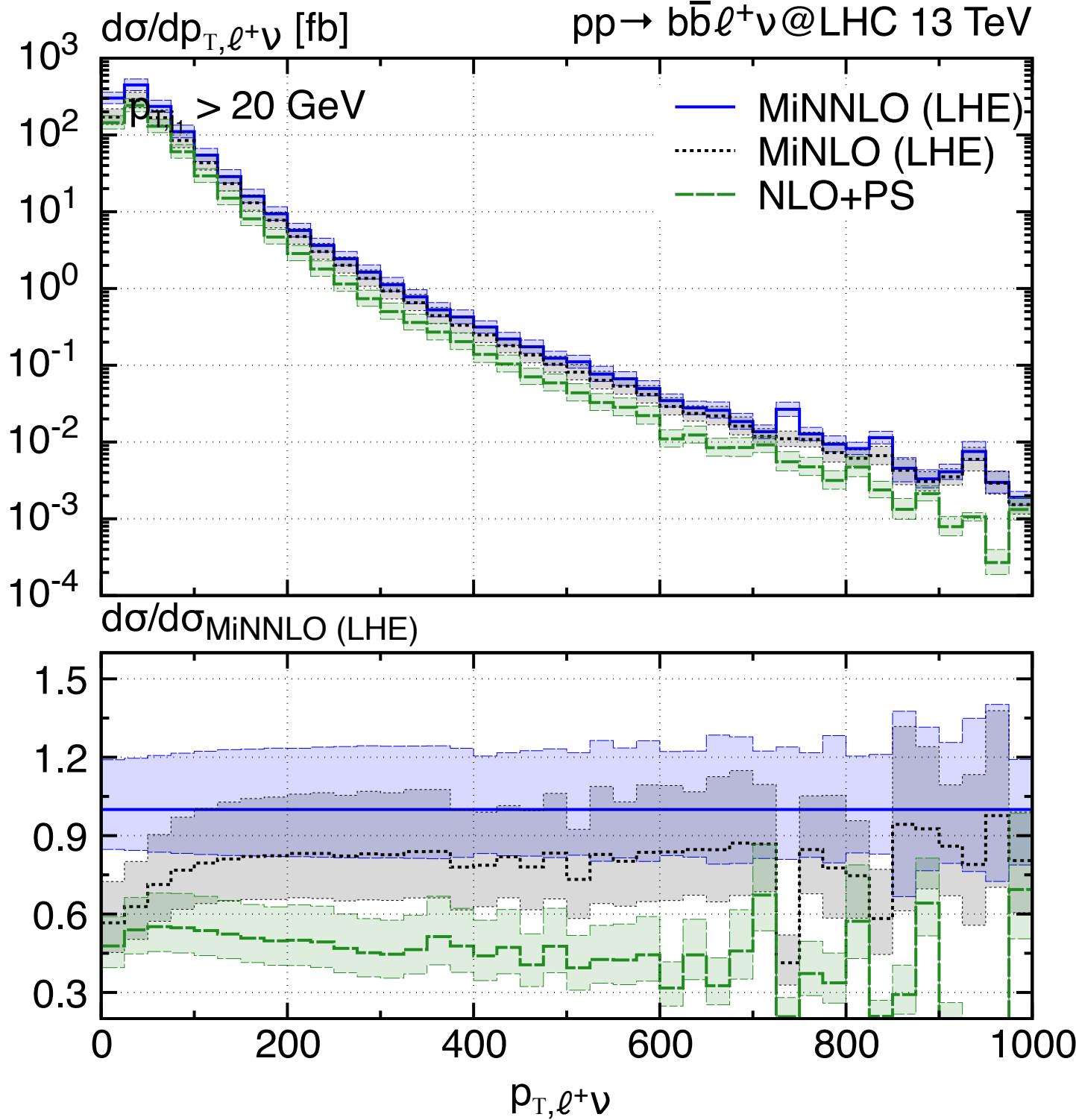


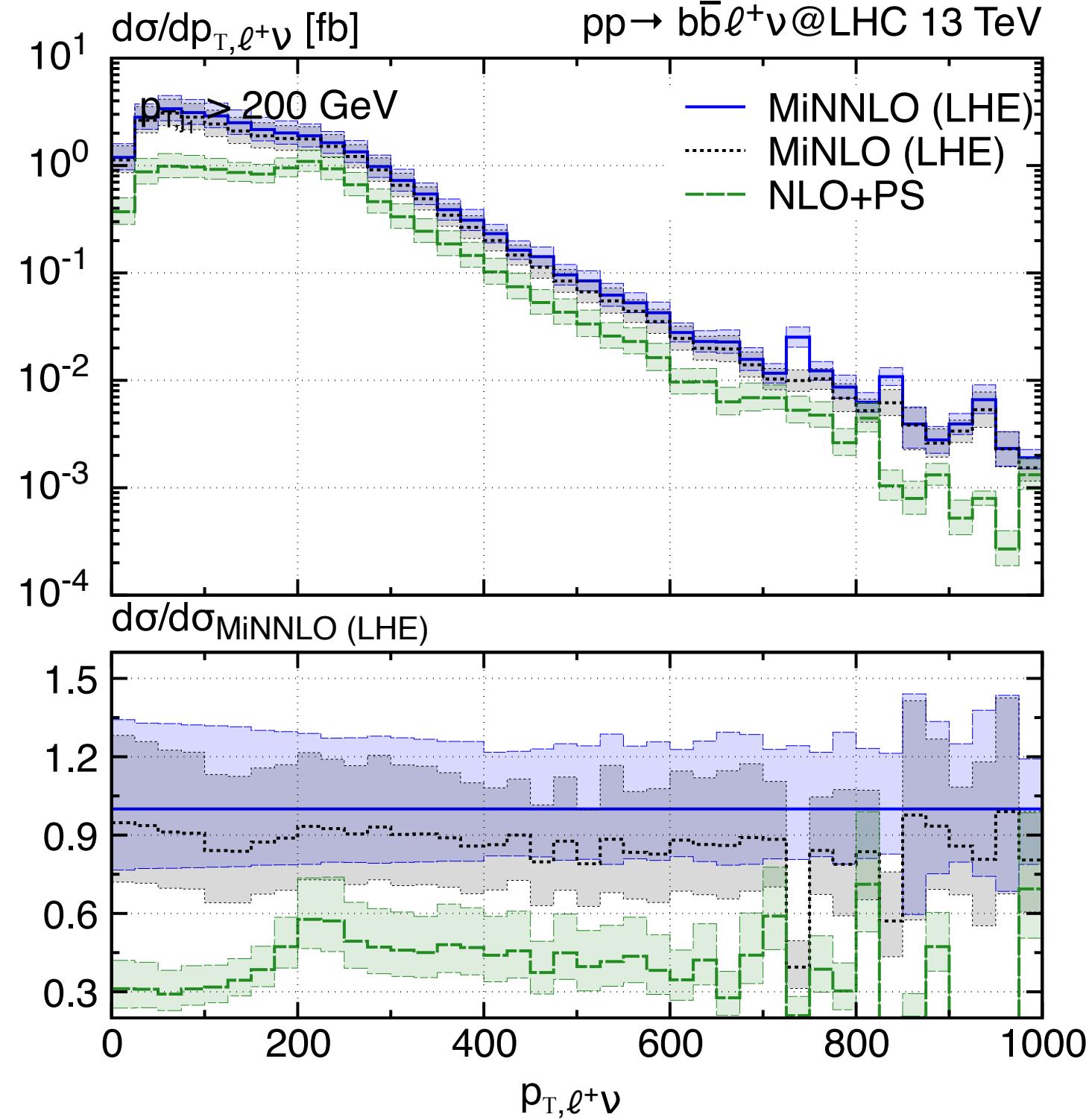
$d\sigma/dp_{T,\ell^+\nu}$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

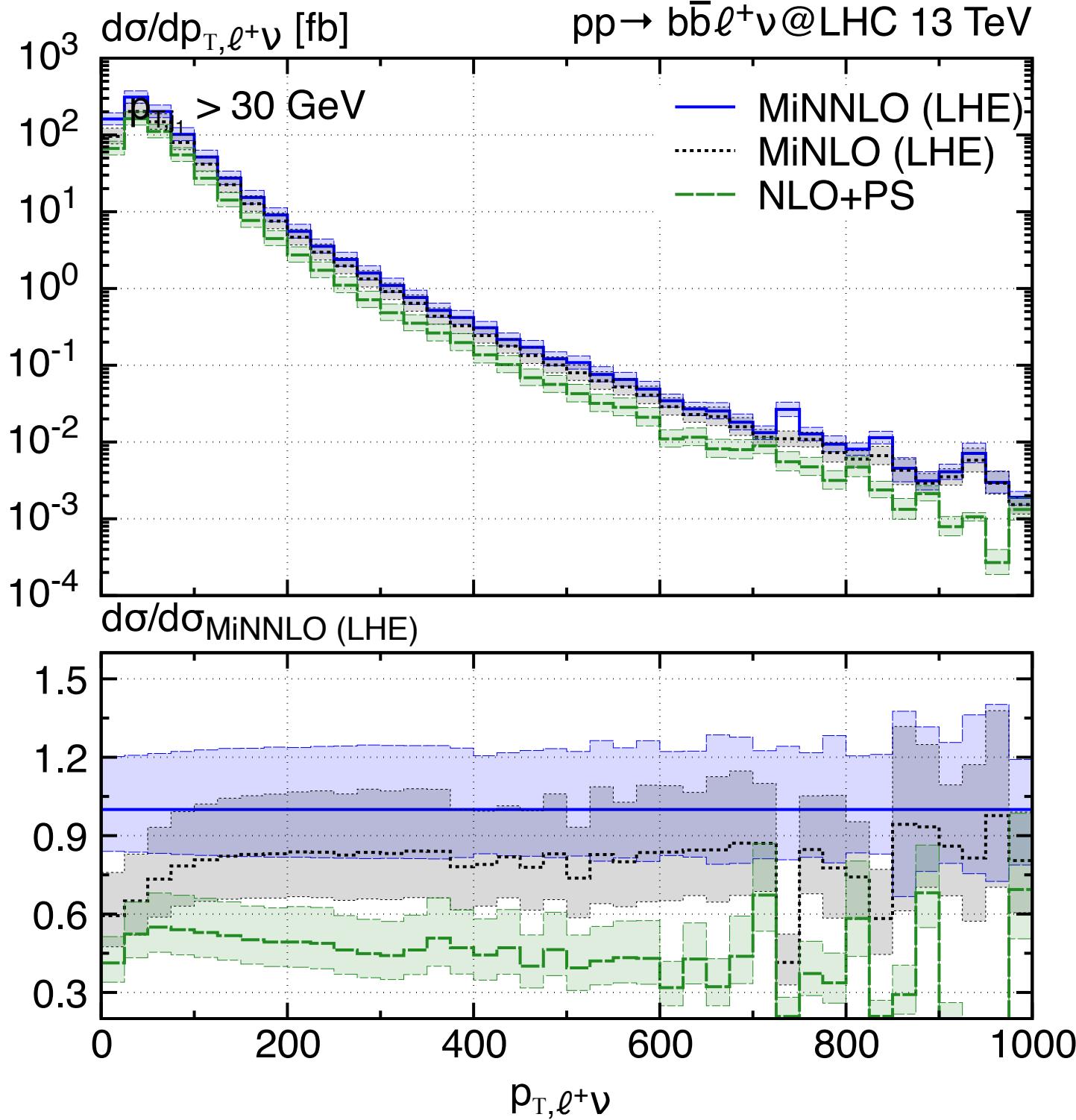
$d\sigma/dp_{T,\ell^+\nu}$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

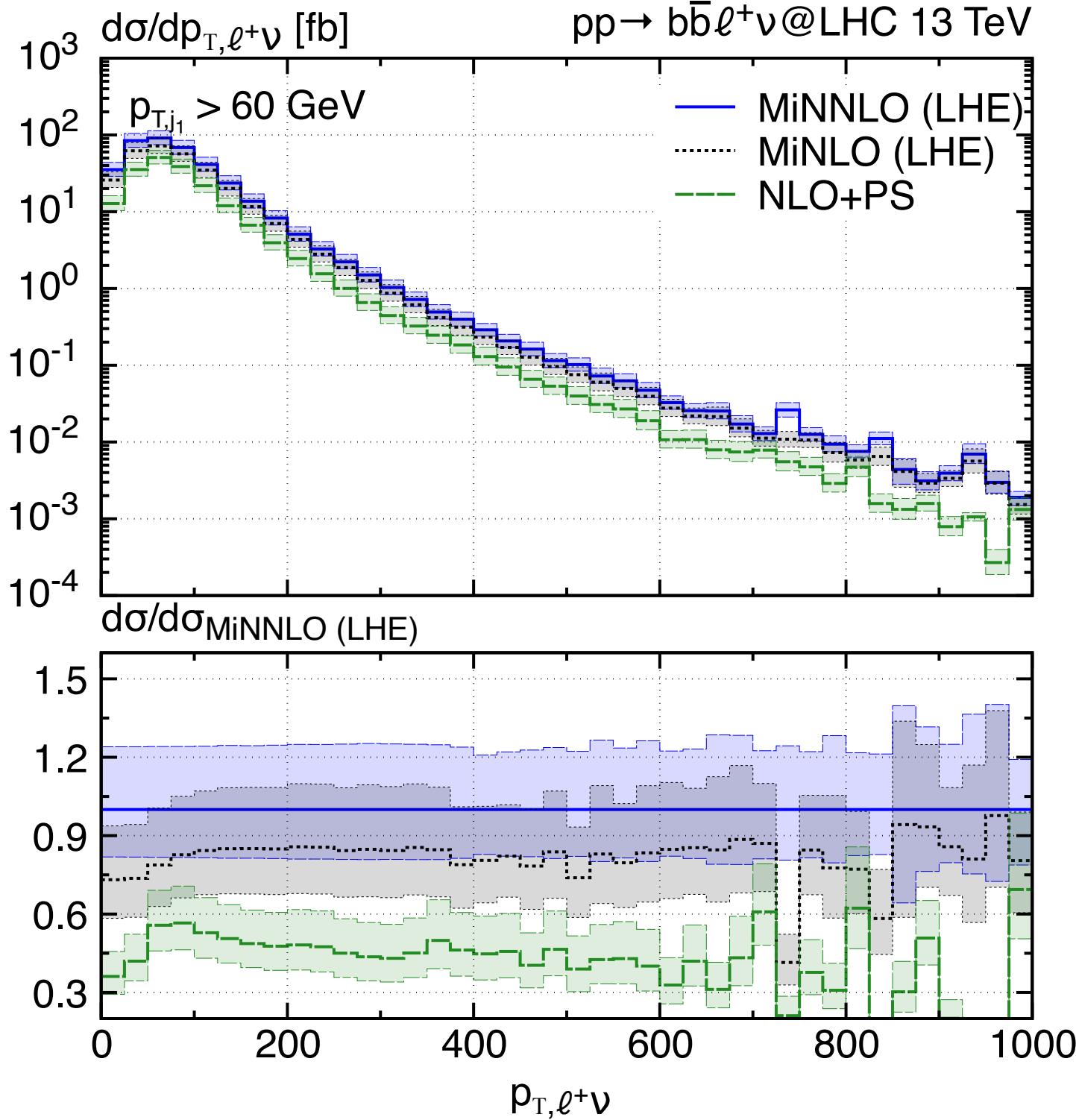
$d\sigma/dp_{T,\ell^+\nu}$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

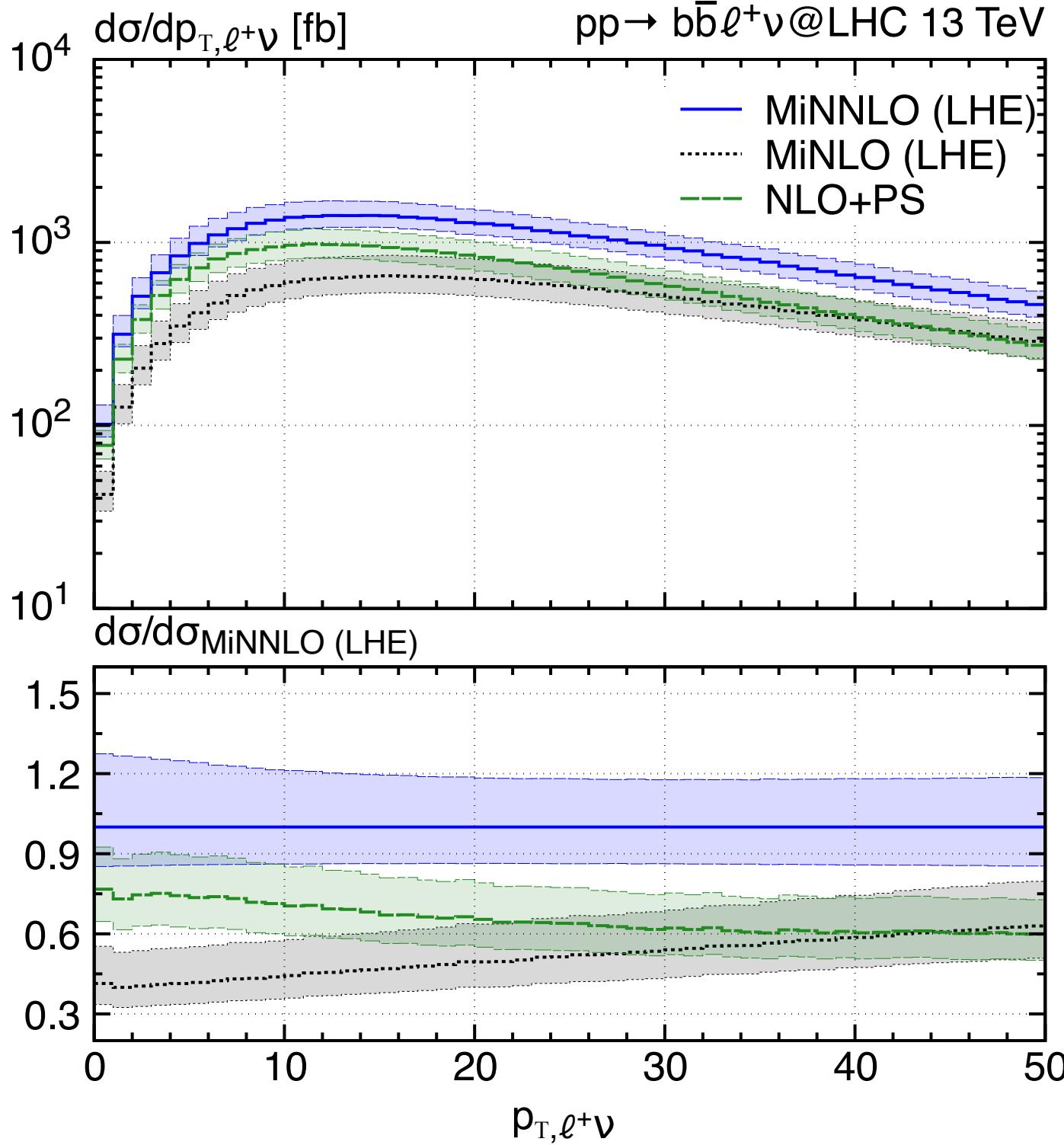
$d\sigma/dp_{T,\ell^+\nu}$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$  $p_{T,\ell^+\nu}$

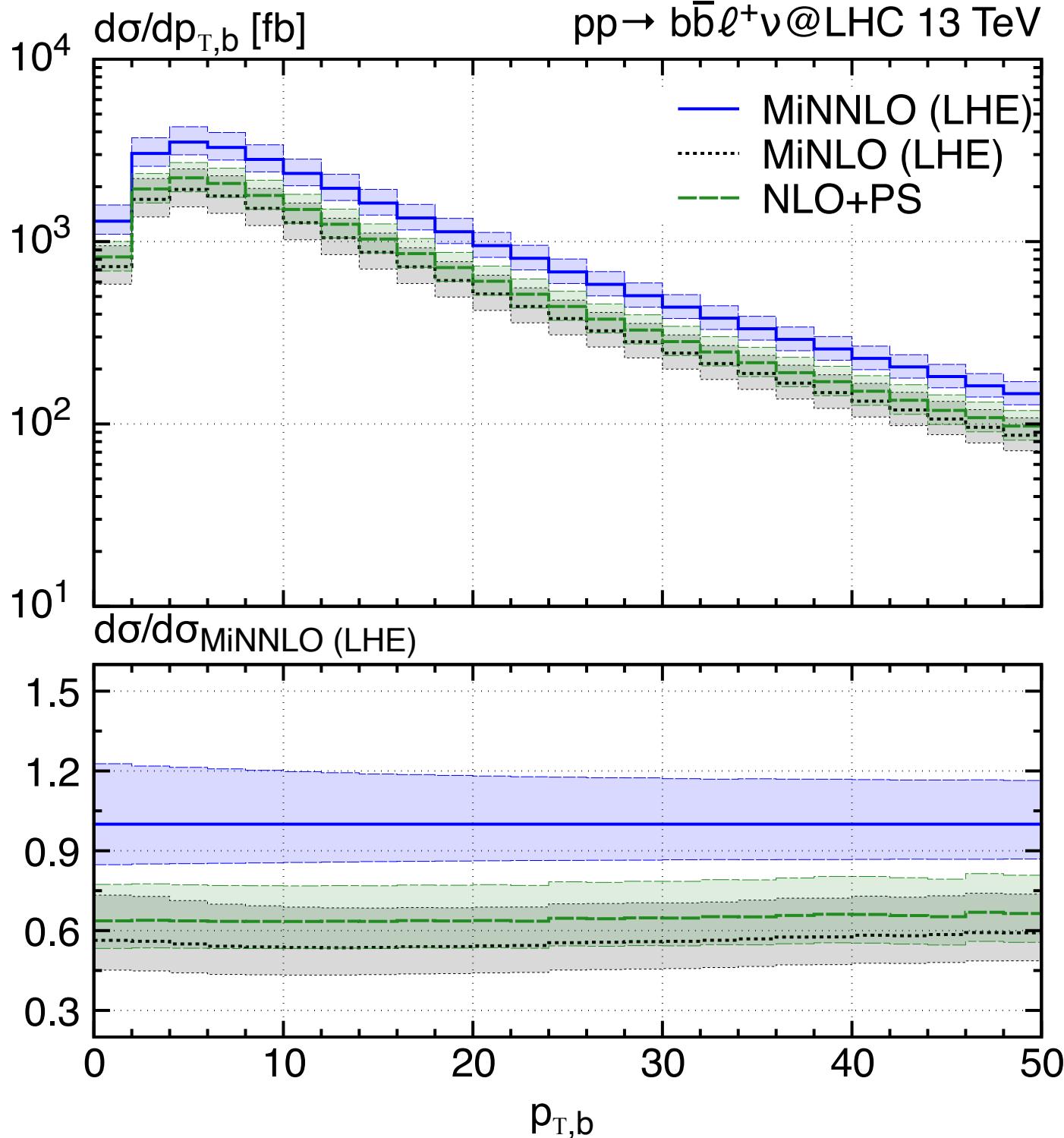
$d\sigma/dp_{T,\ell^+\nu}$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

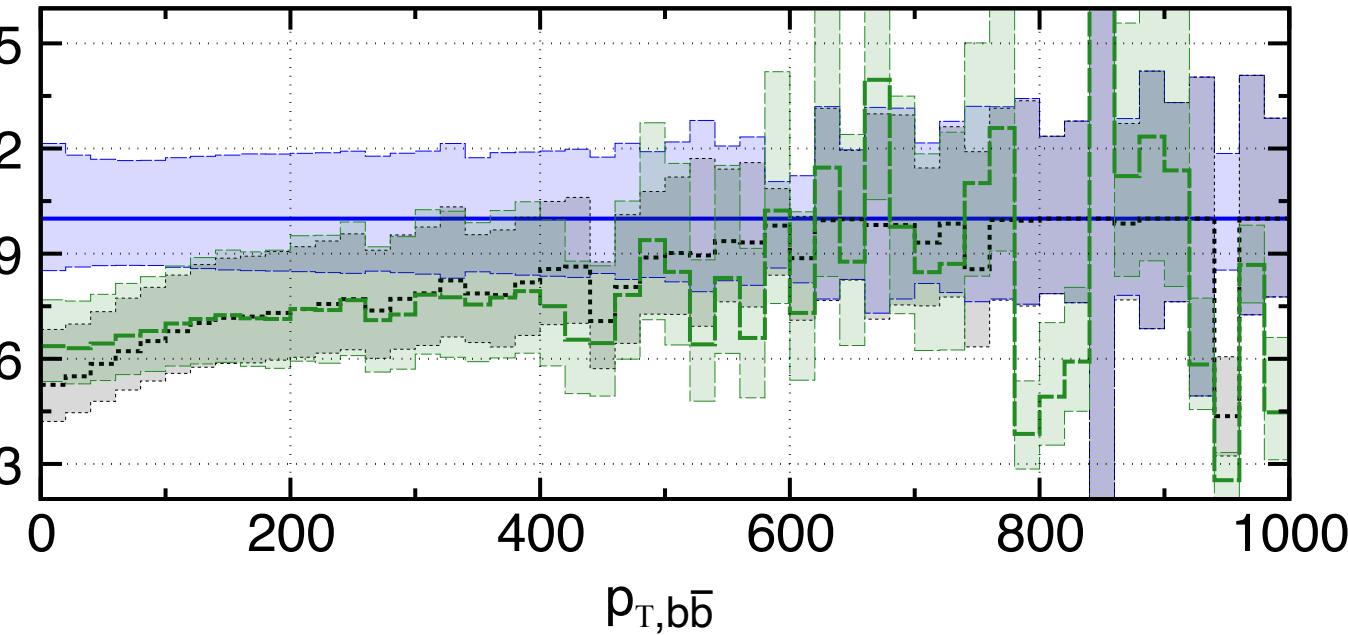
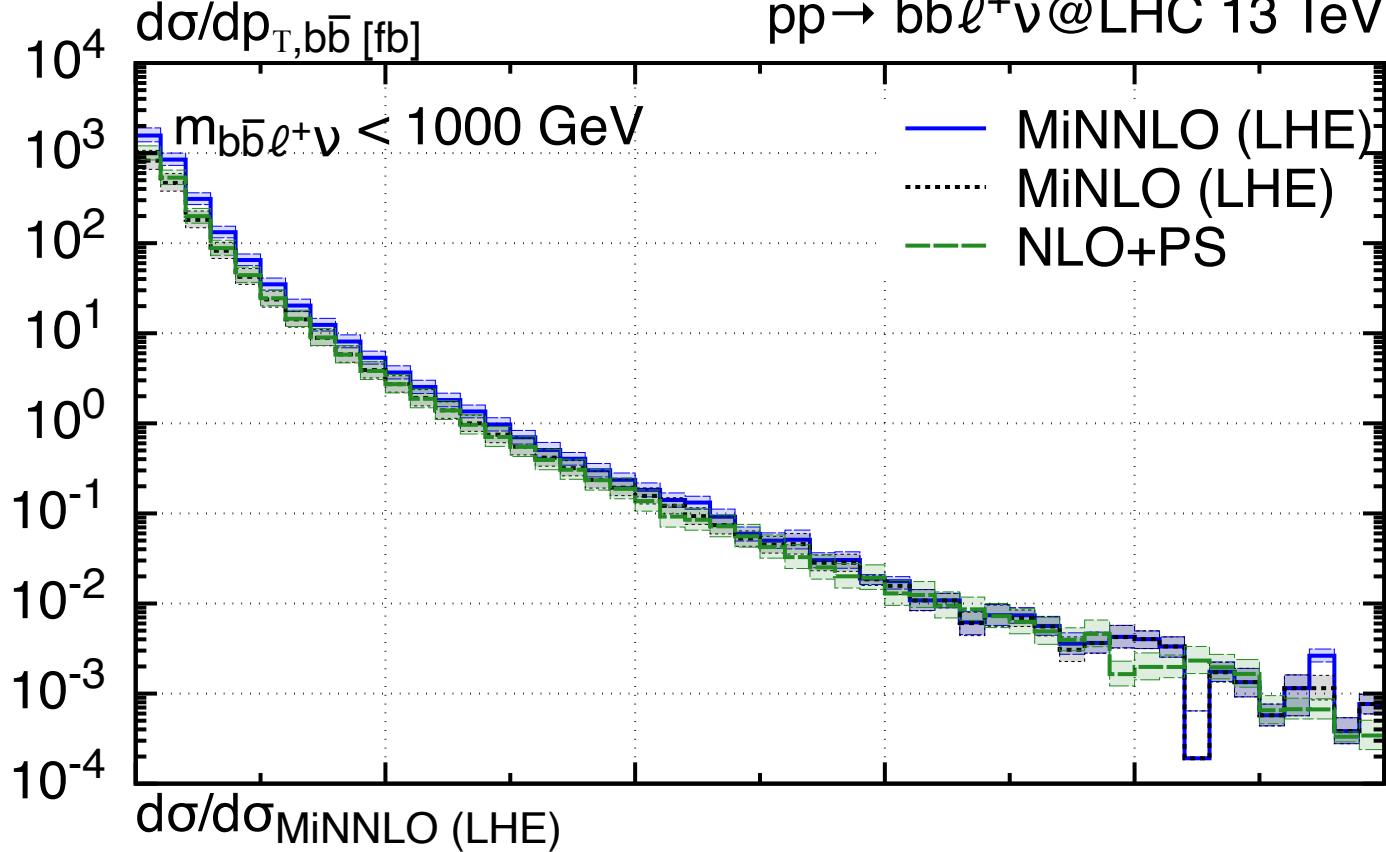
$d\sigma/dp_{T,\ell^+\nu}$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

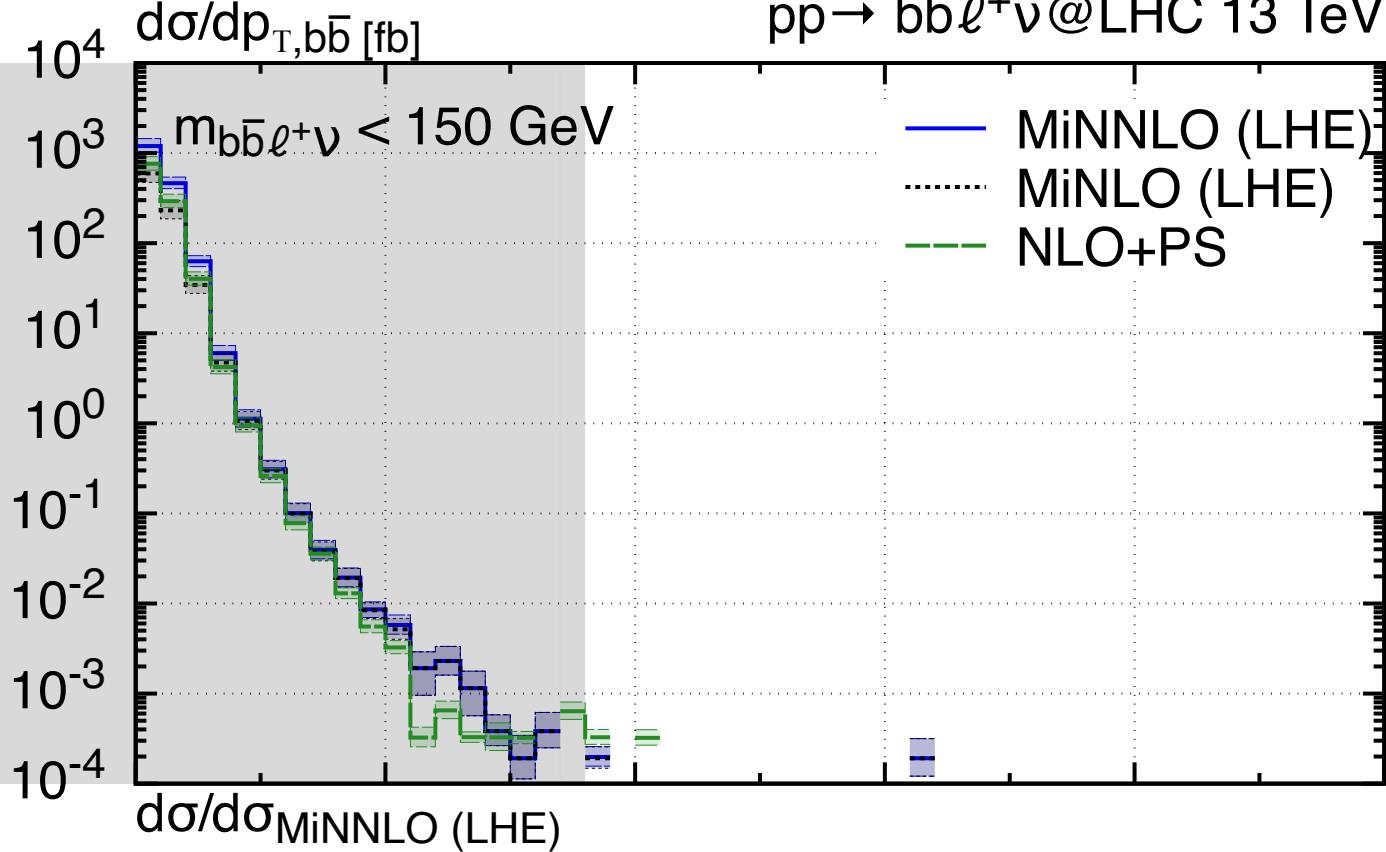
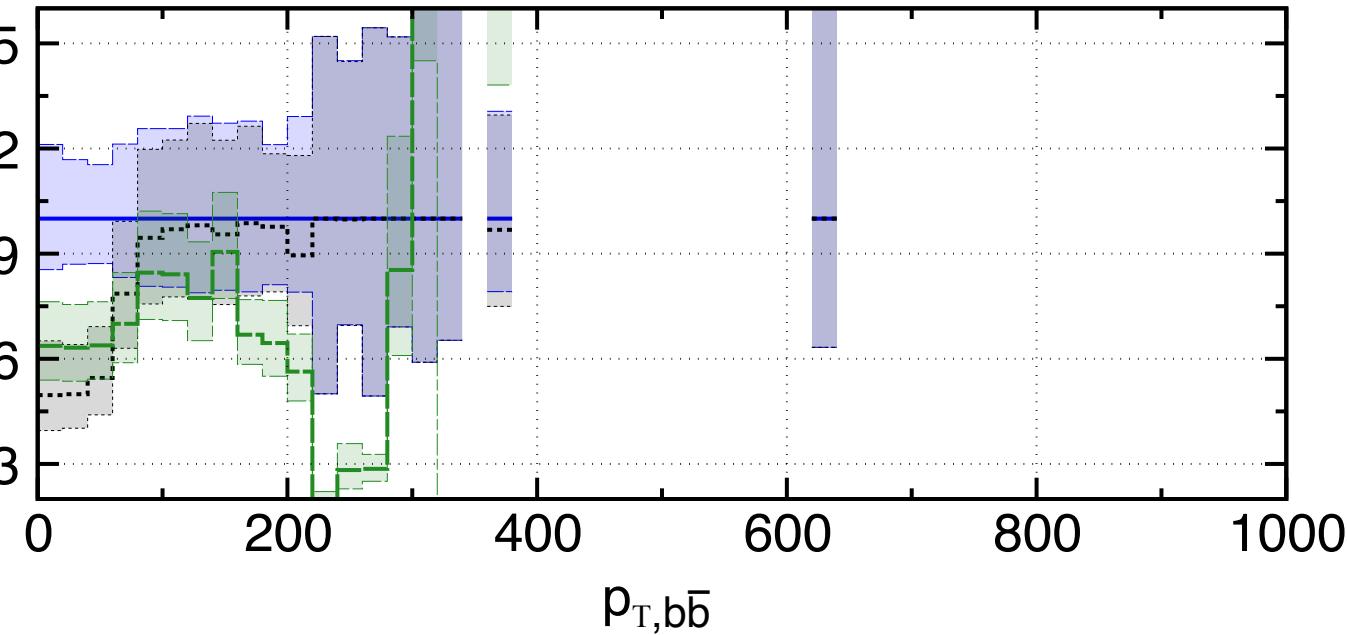
$d\sigma/dp_{T,\ell^+\nu}$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

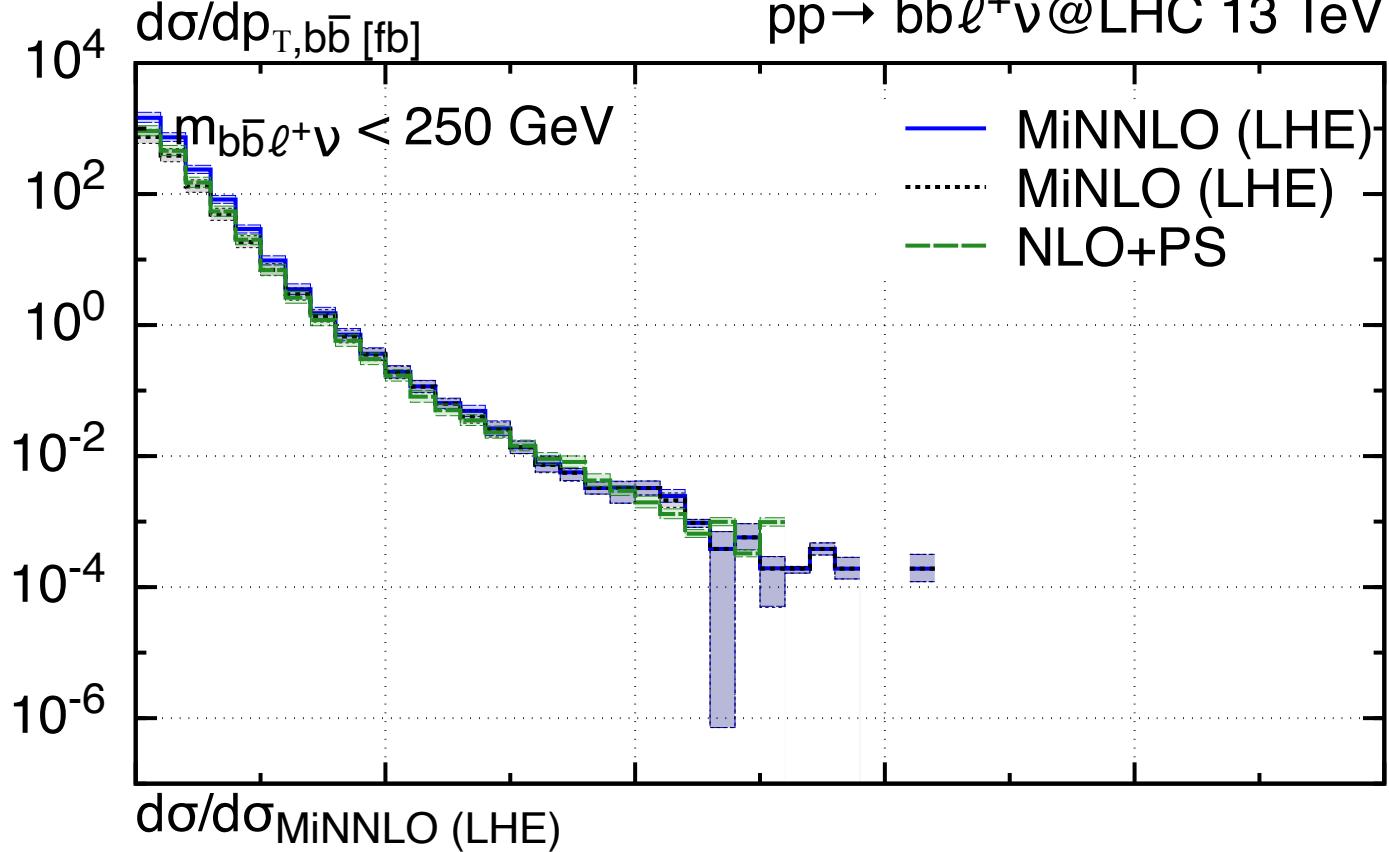
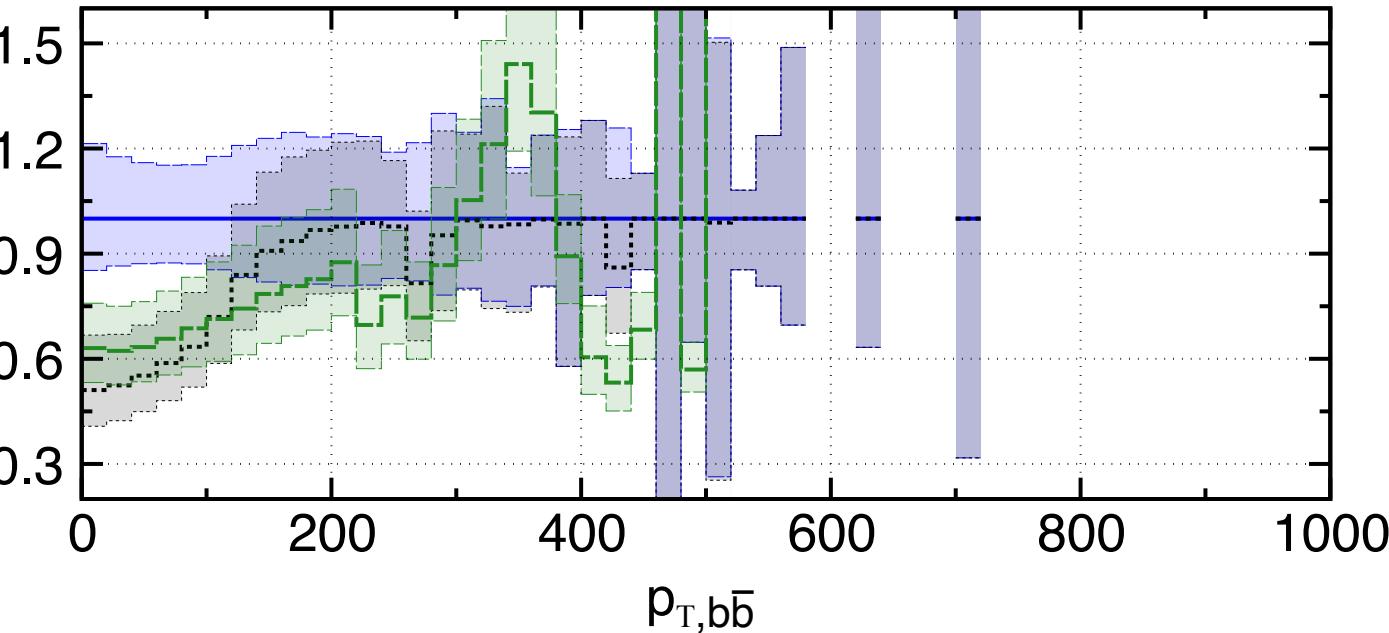
$d\sigma/dp_{T,\ell^+\nu}$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

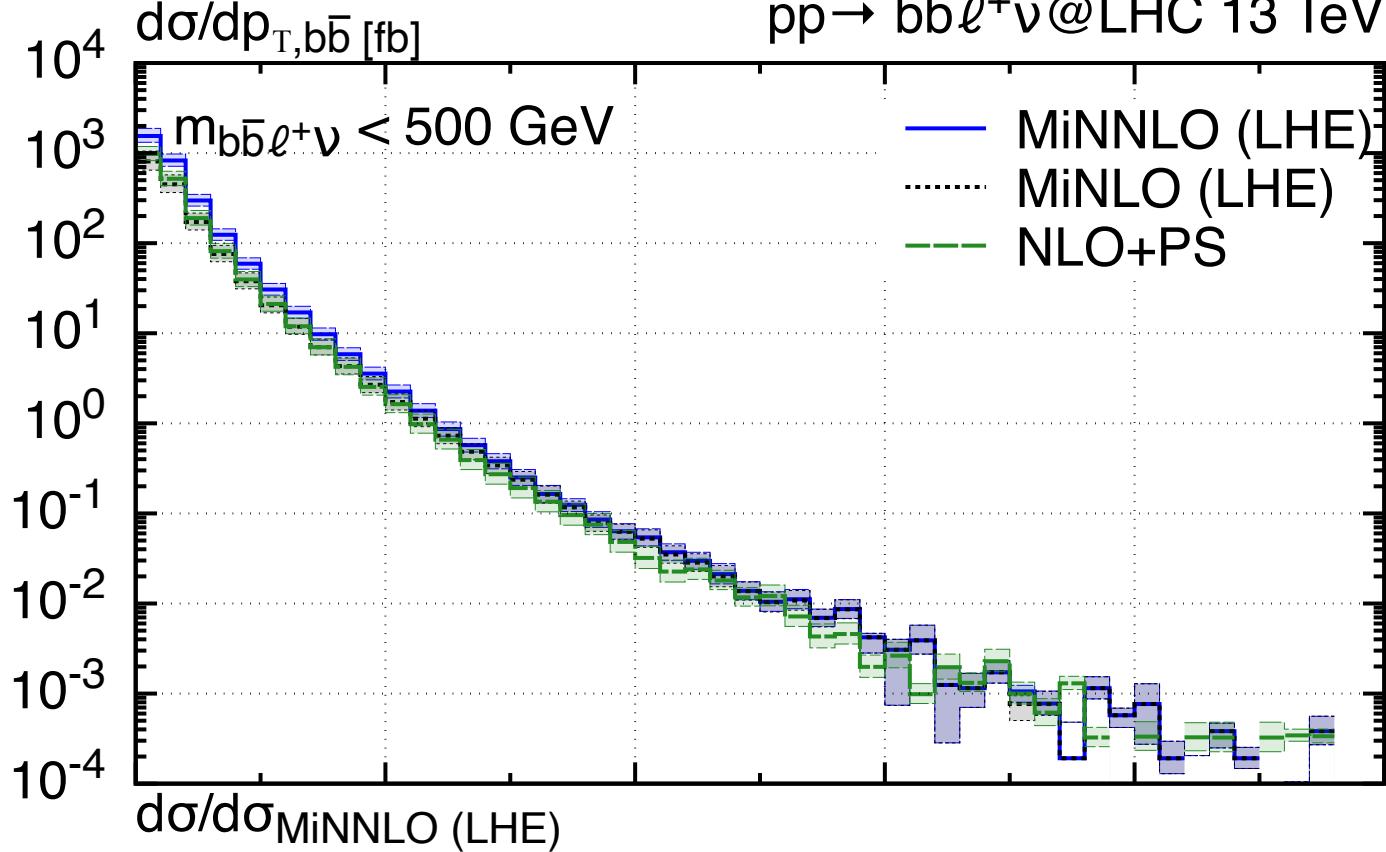
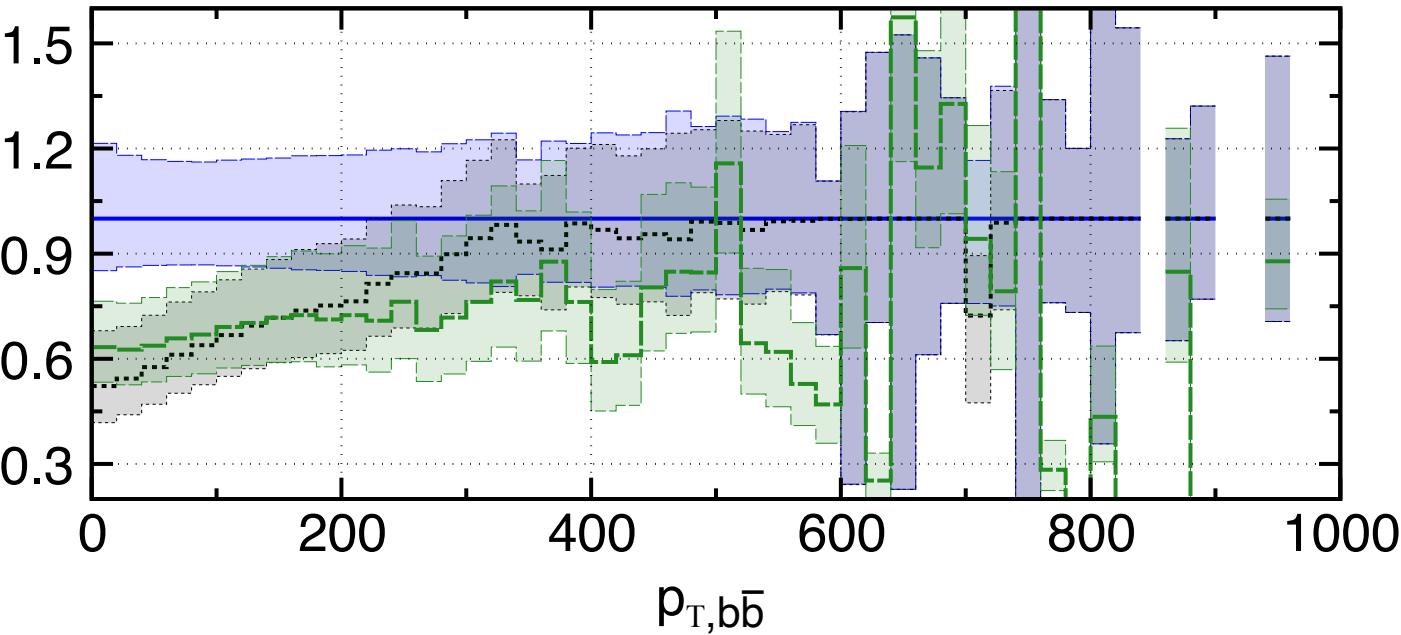


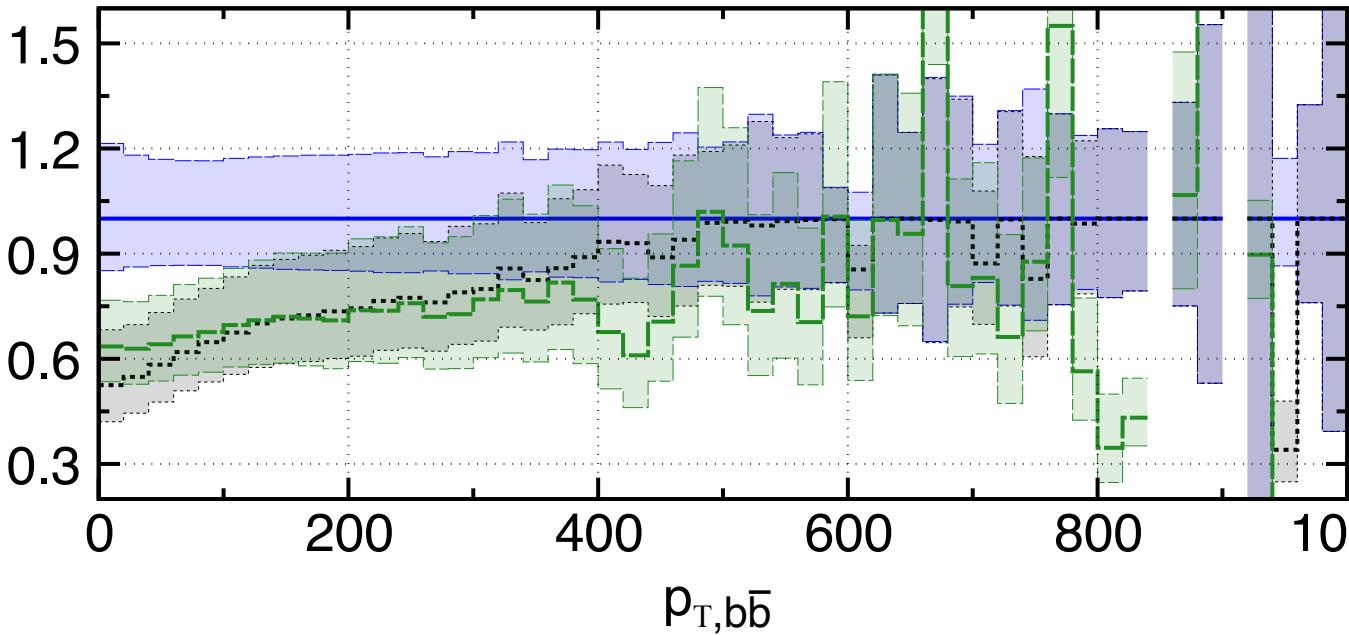
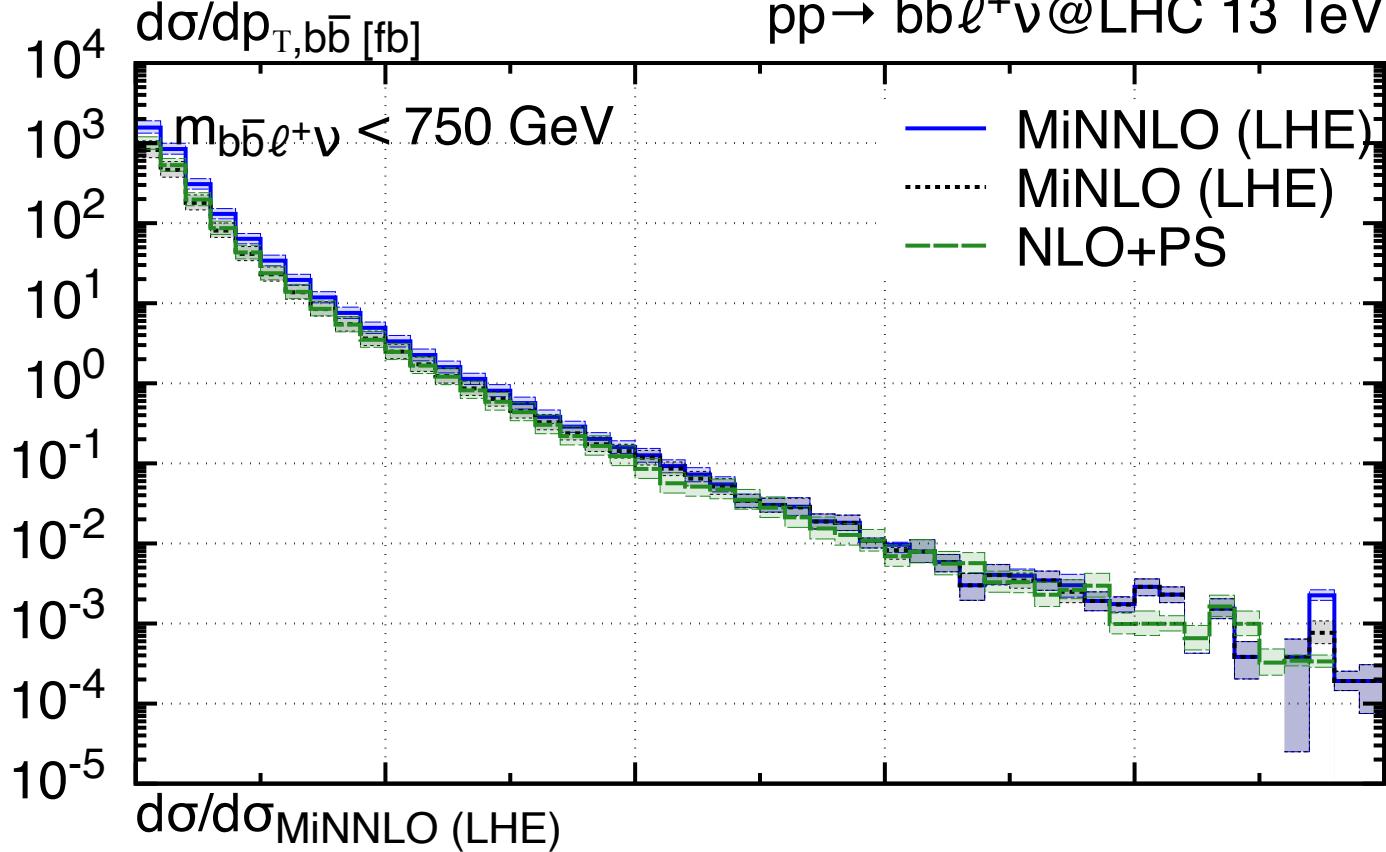


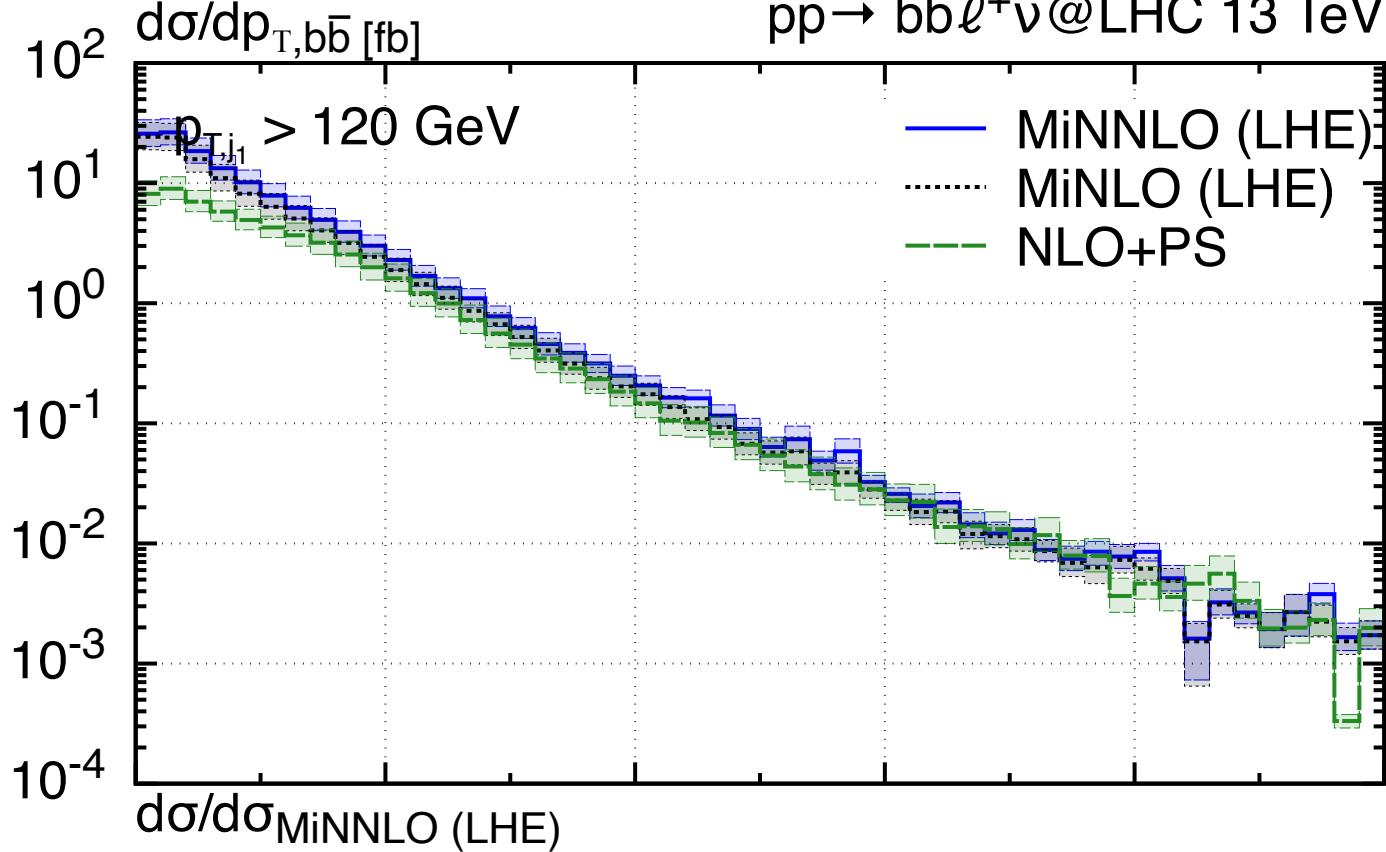
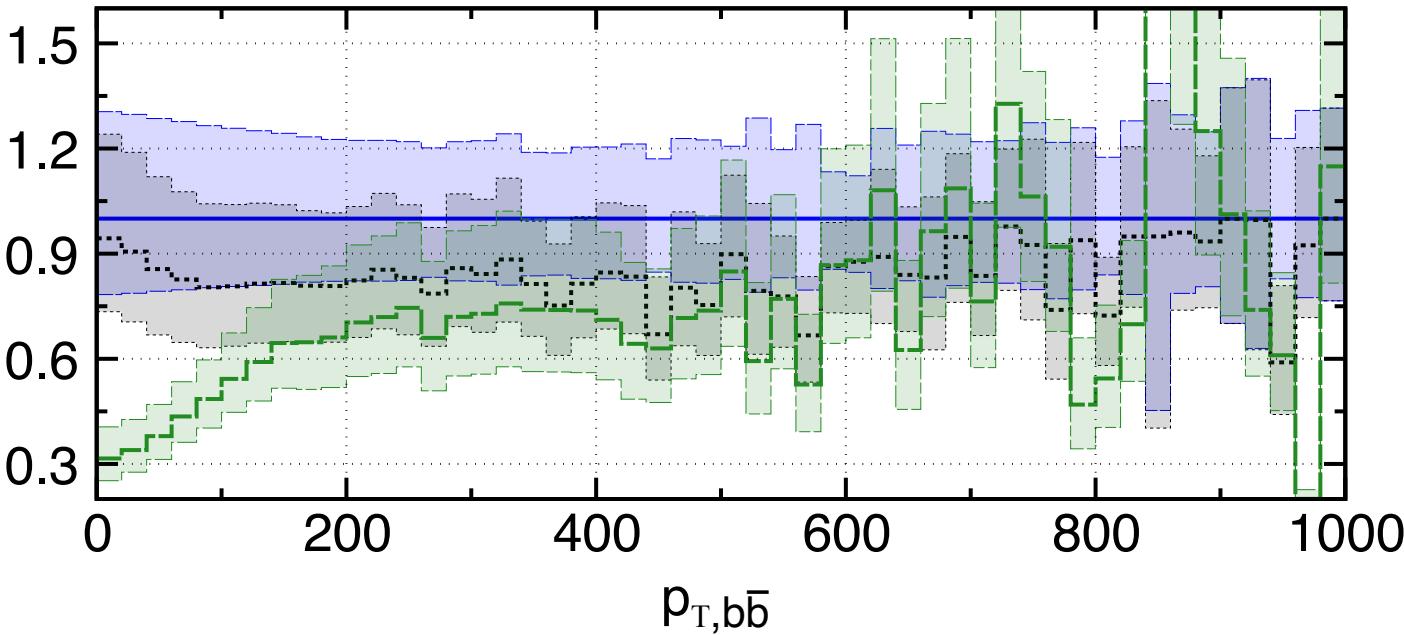
$d\sigma/dp_{T,b\bar{b}}$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

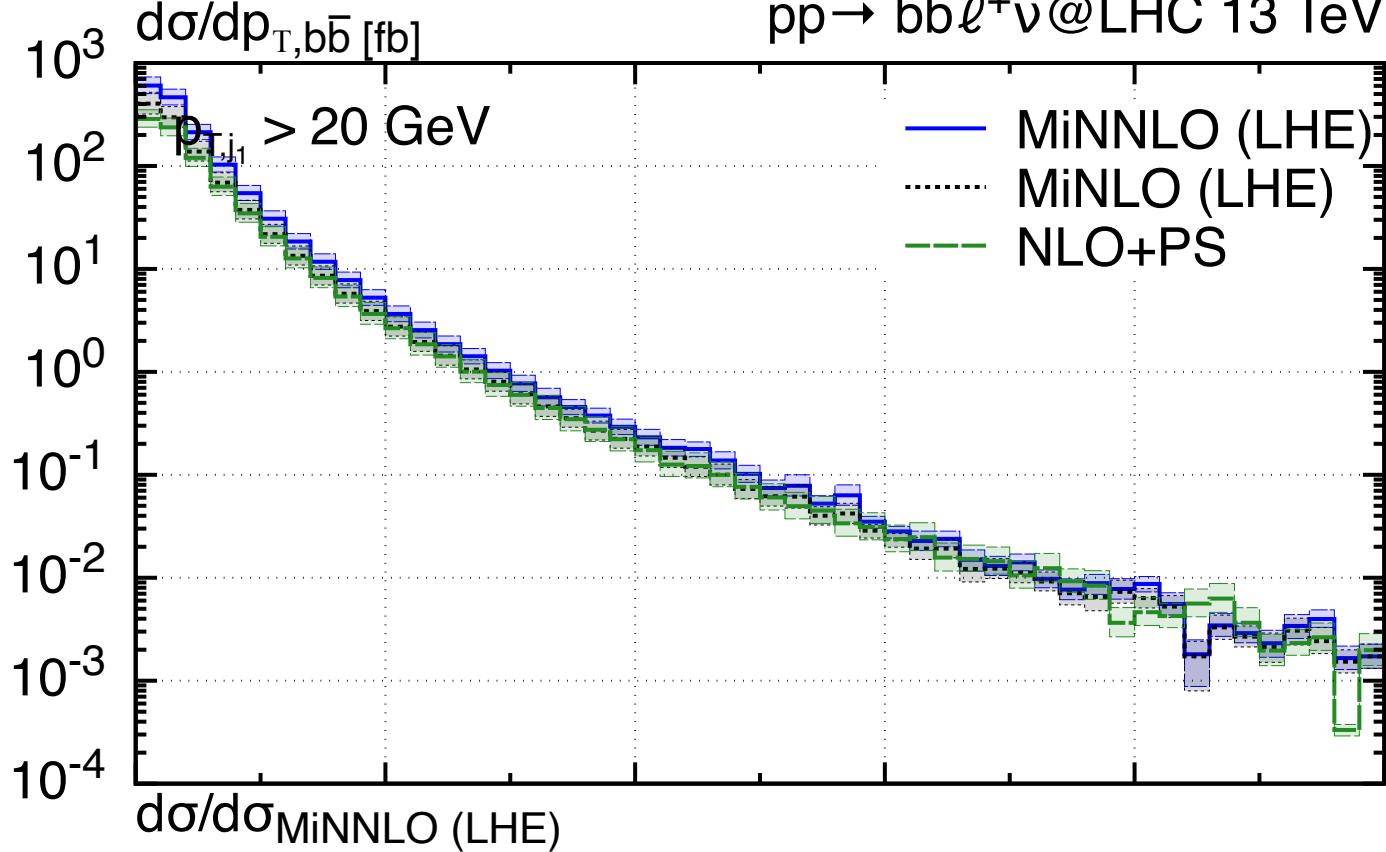
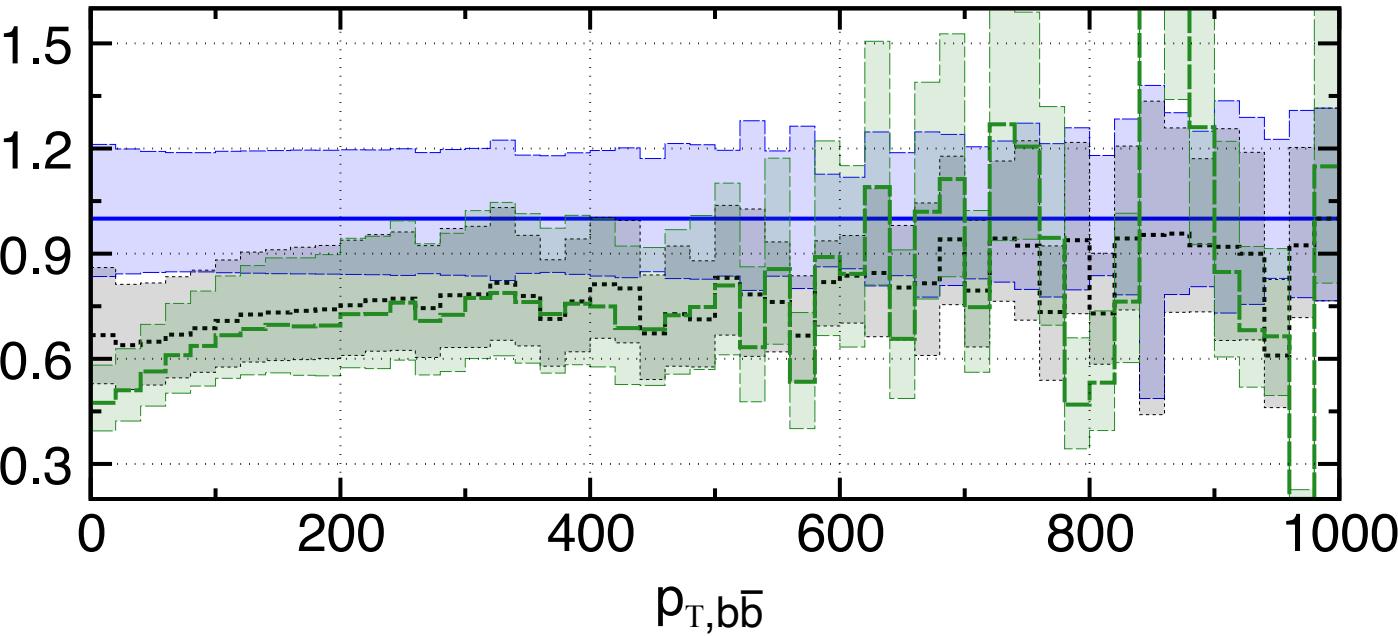
$d\sigma/dp_T, b\bar{b}$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

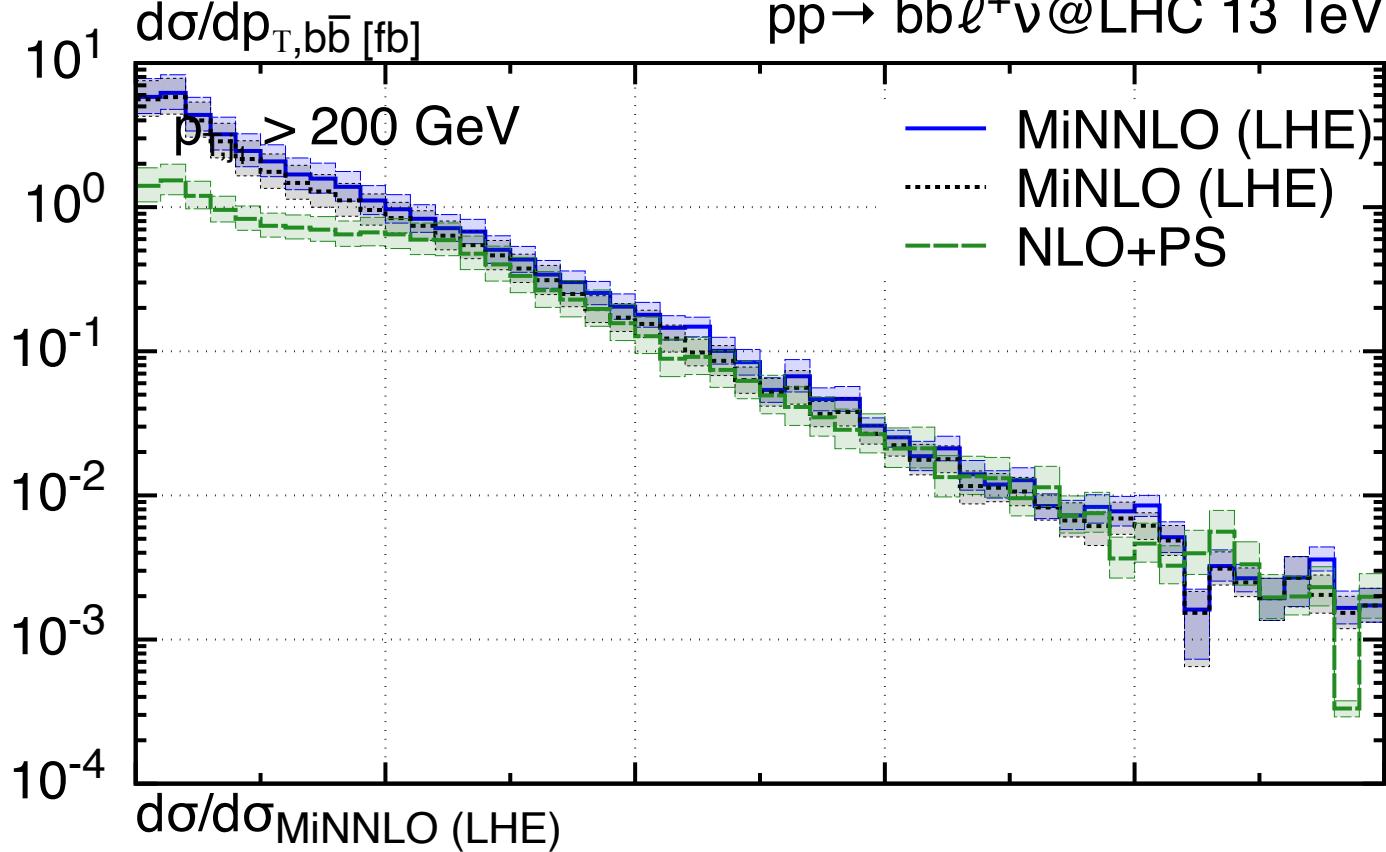
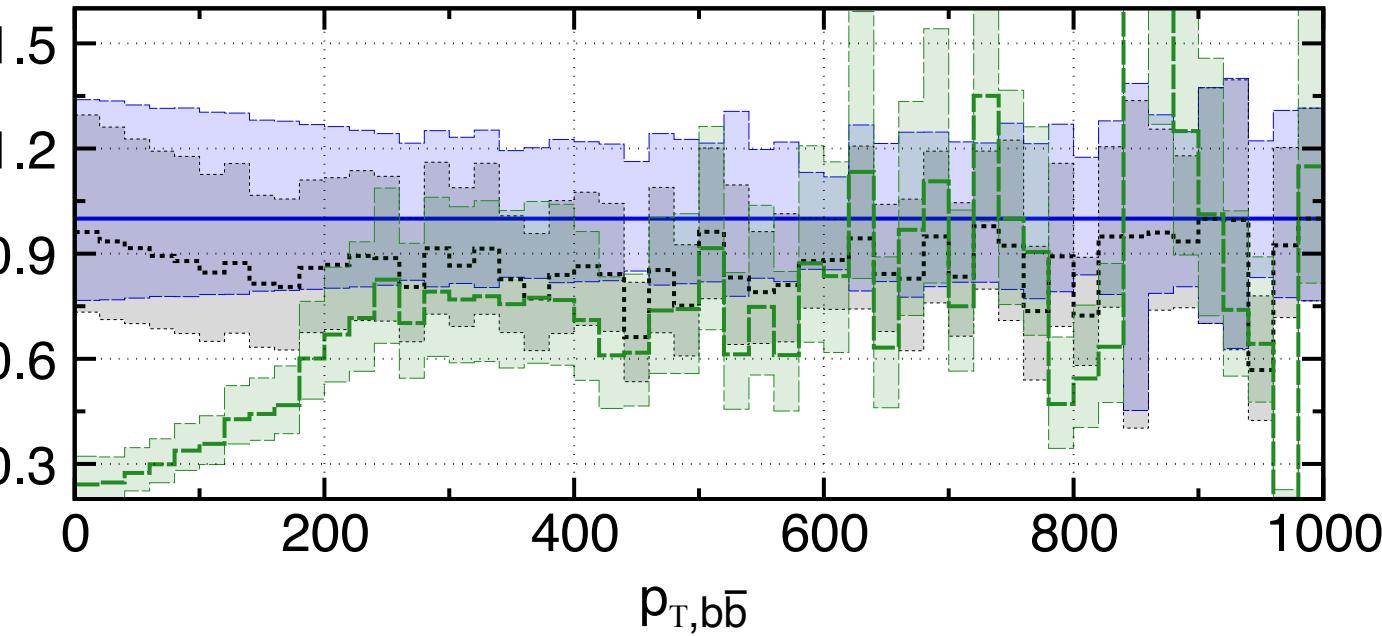
$d\sigma/dp_T, b\bar{b}$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

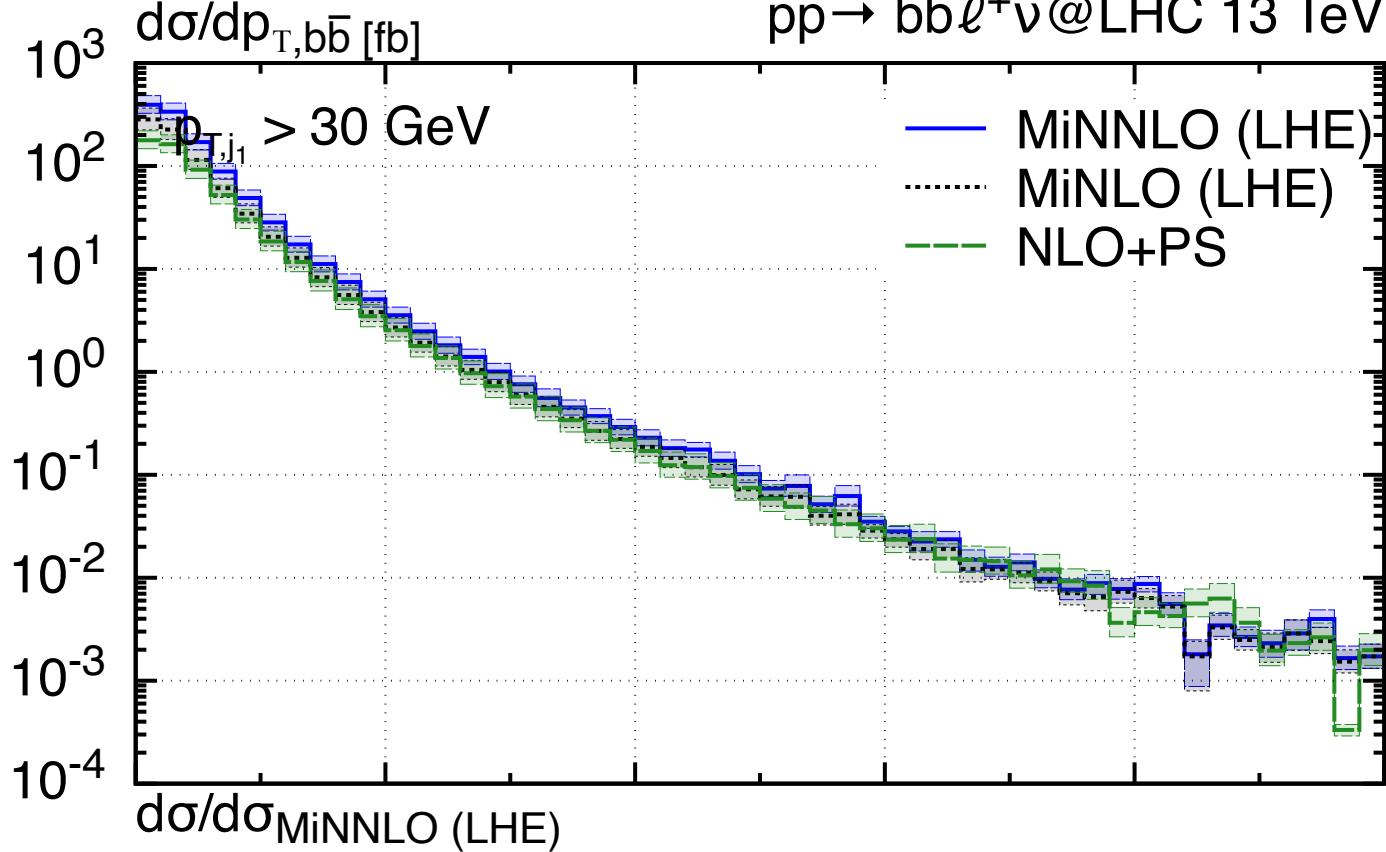
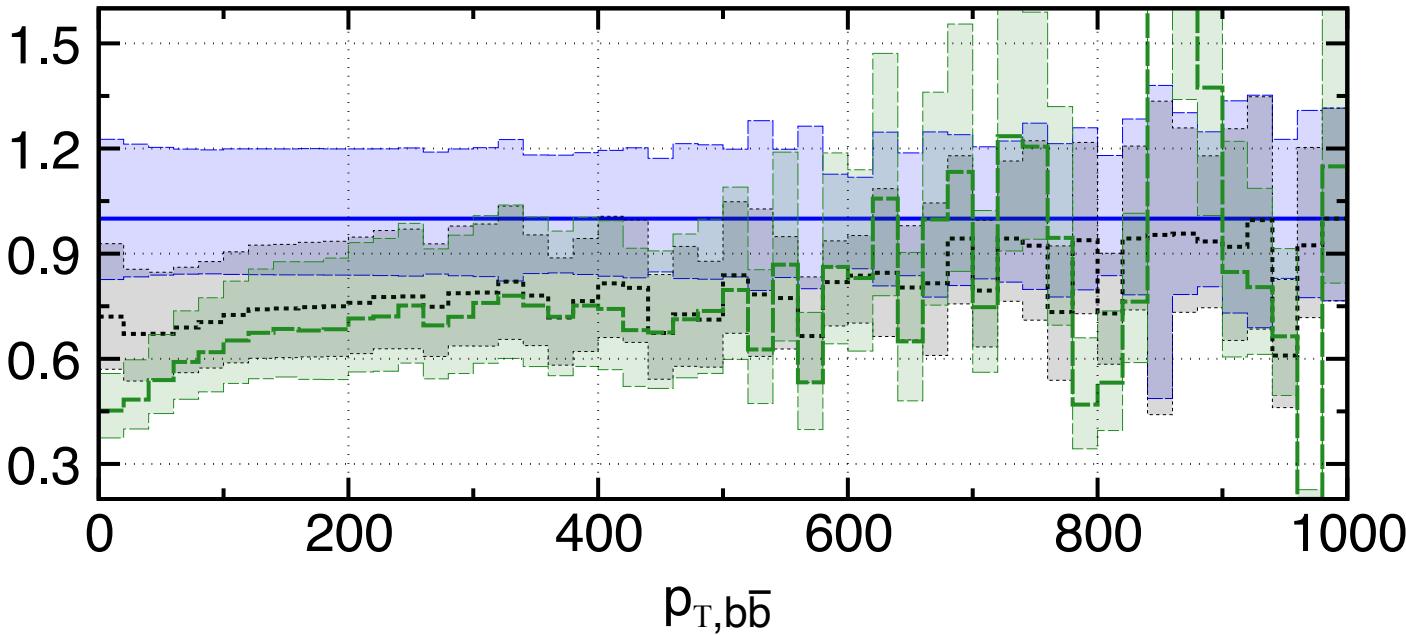
$d\sigma/dp_{T,b\bar{b}}$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

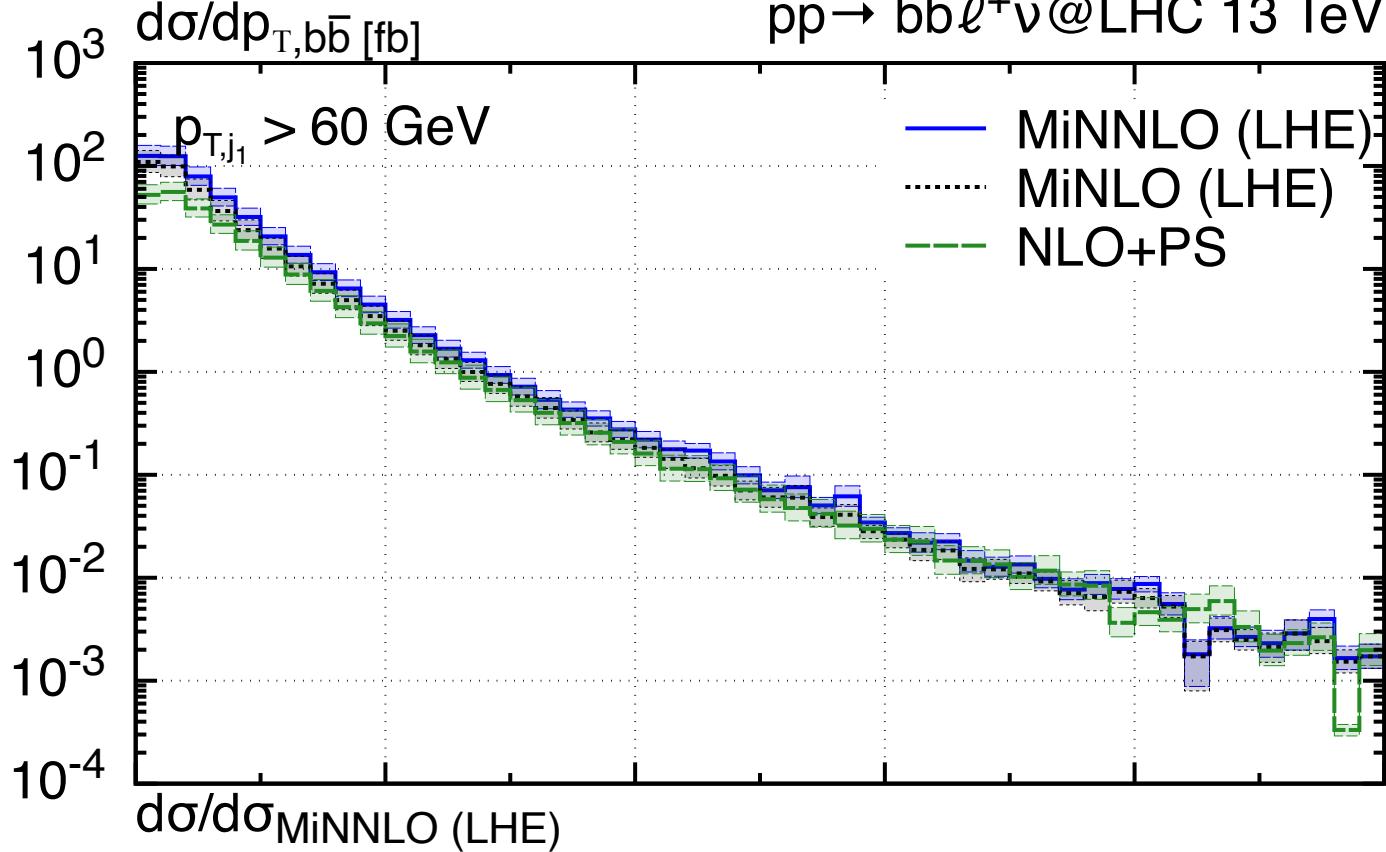
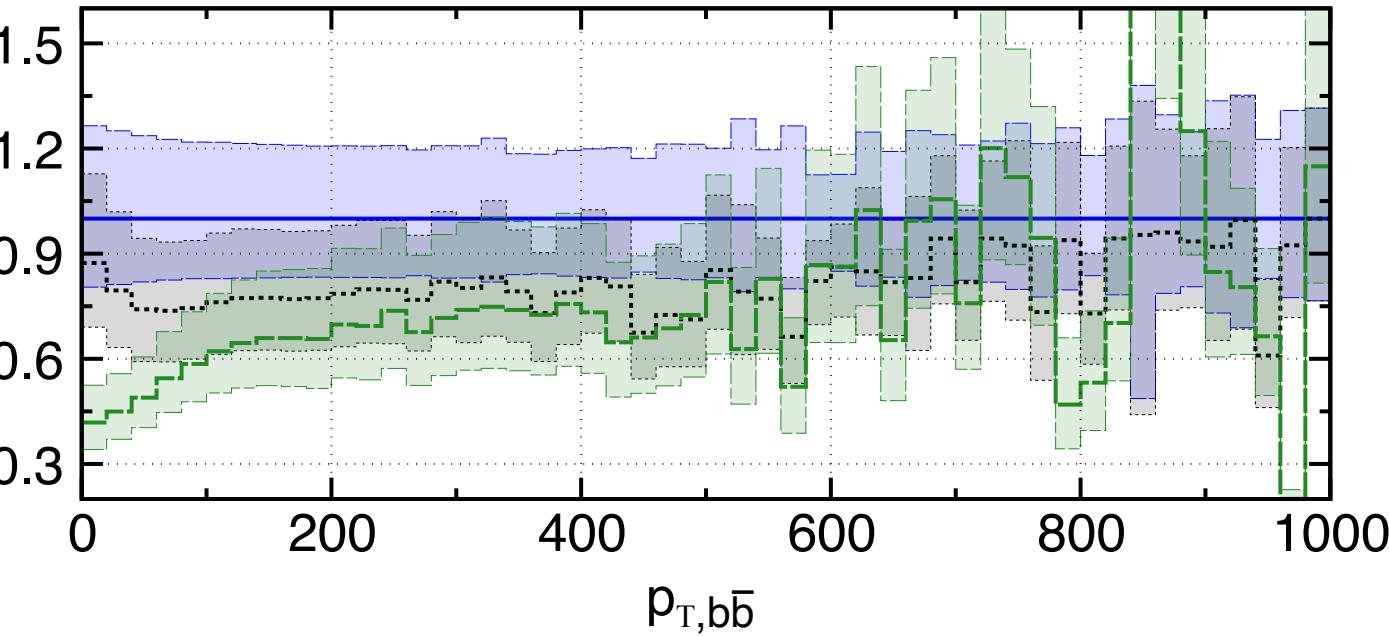
$d\sigma/dp_T, b\bar{b}$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

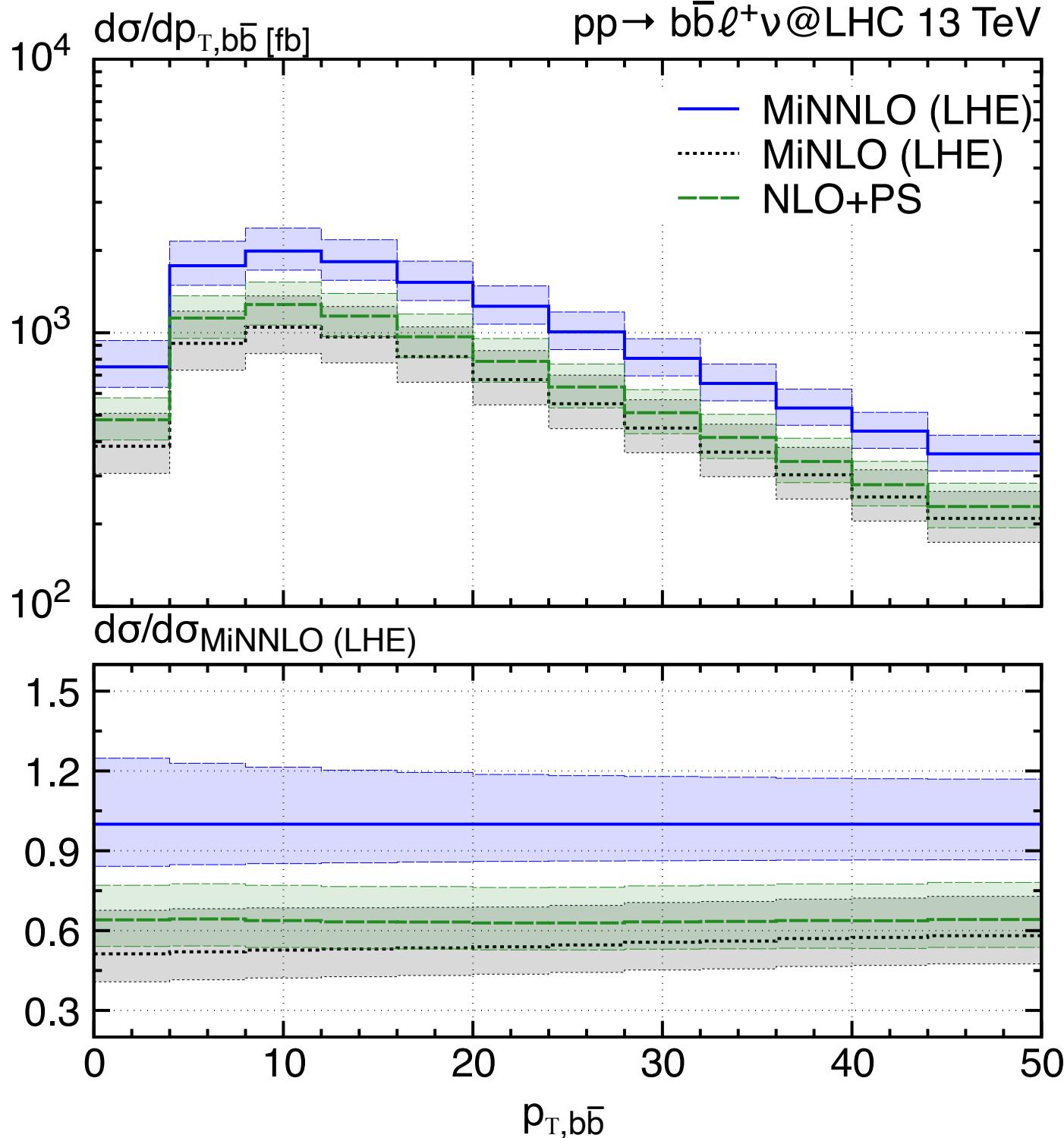
$d\sigma/dp_{T,b\bar{b}}$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

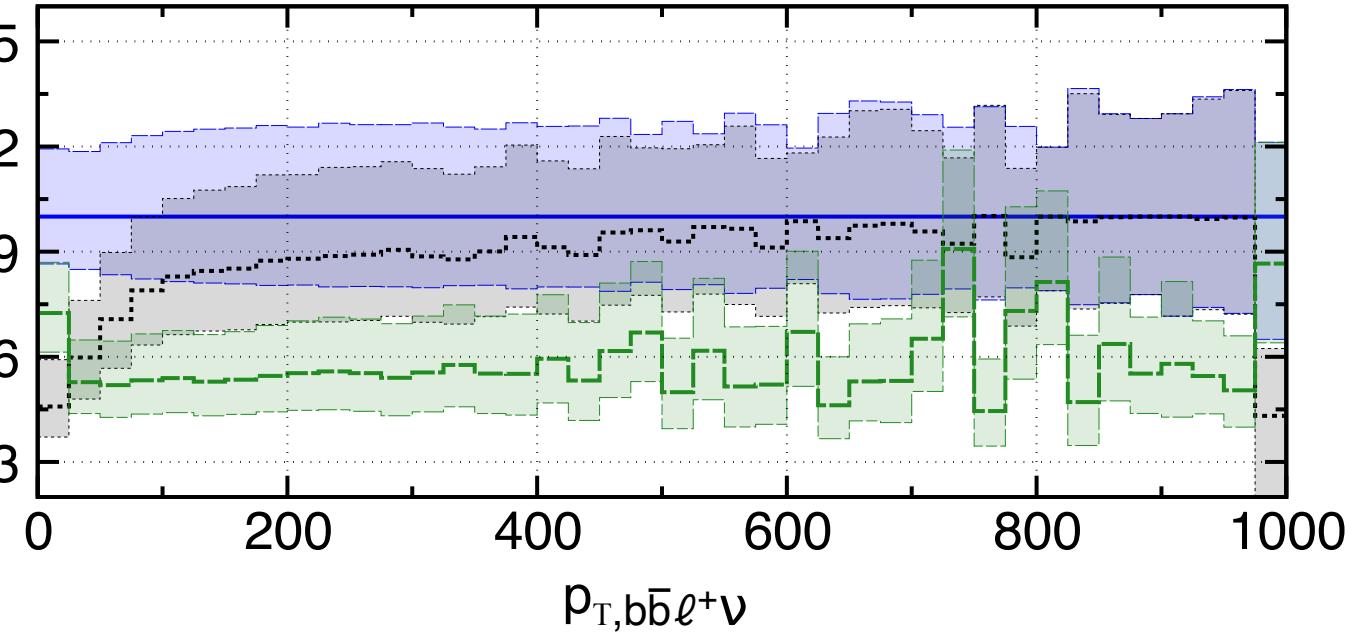
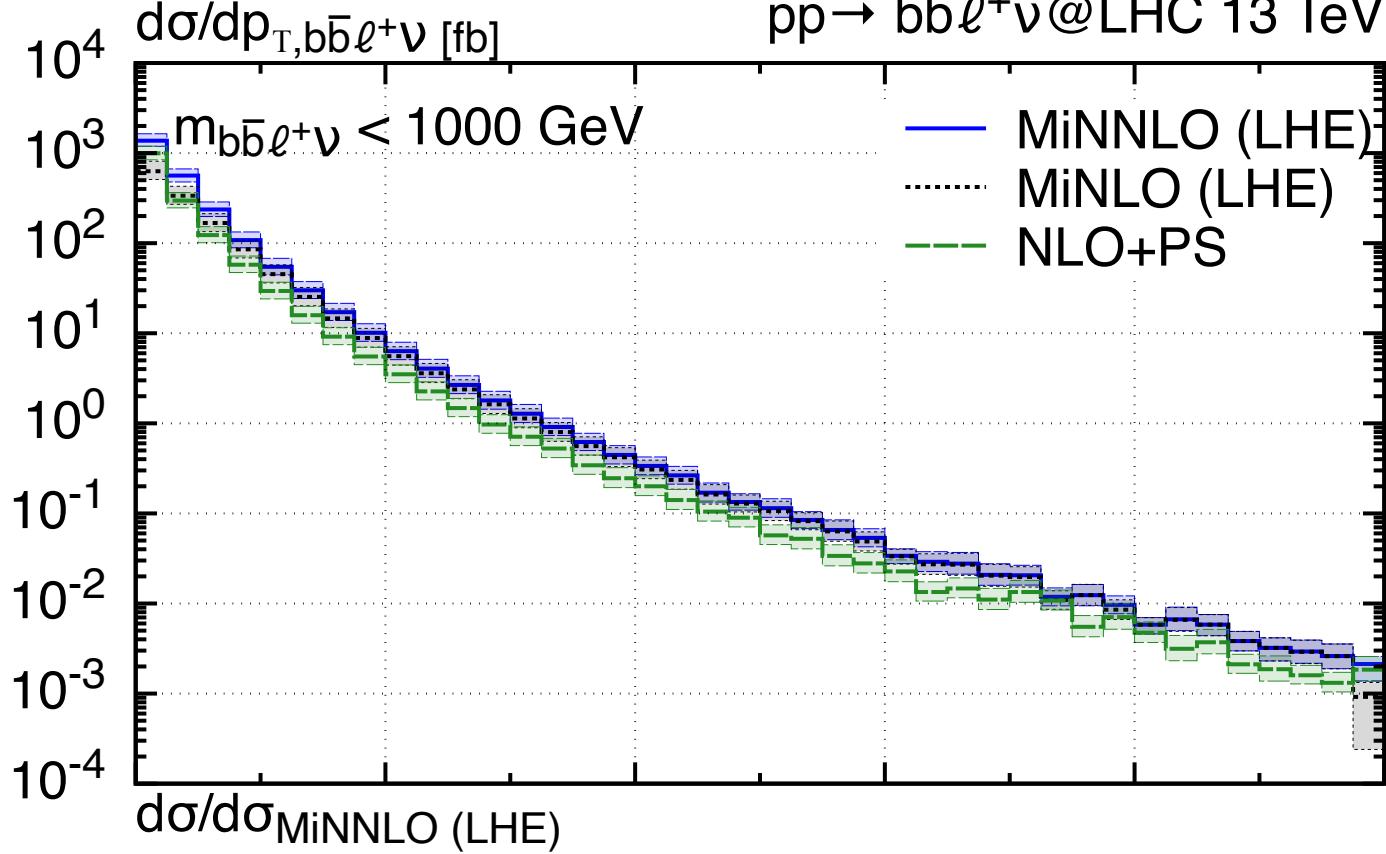
$d\sigma/dp_{T,b\bar{b}}$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

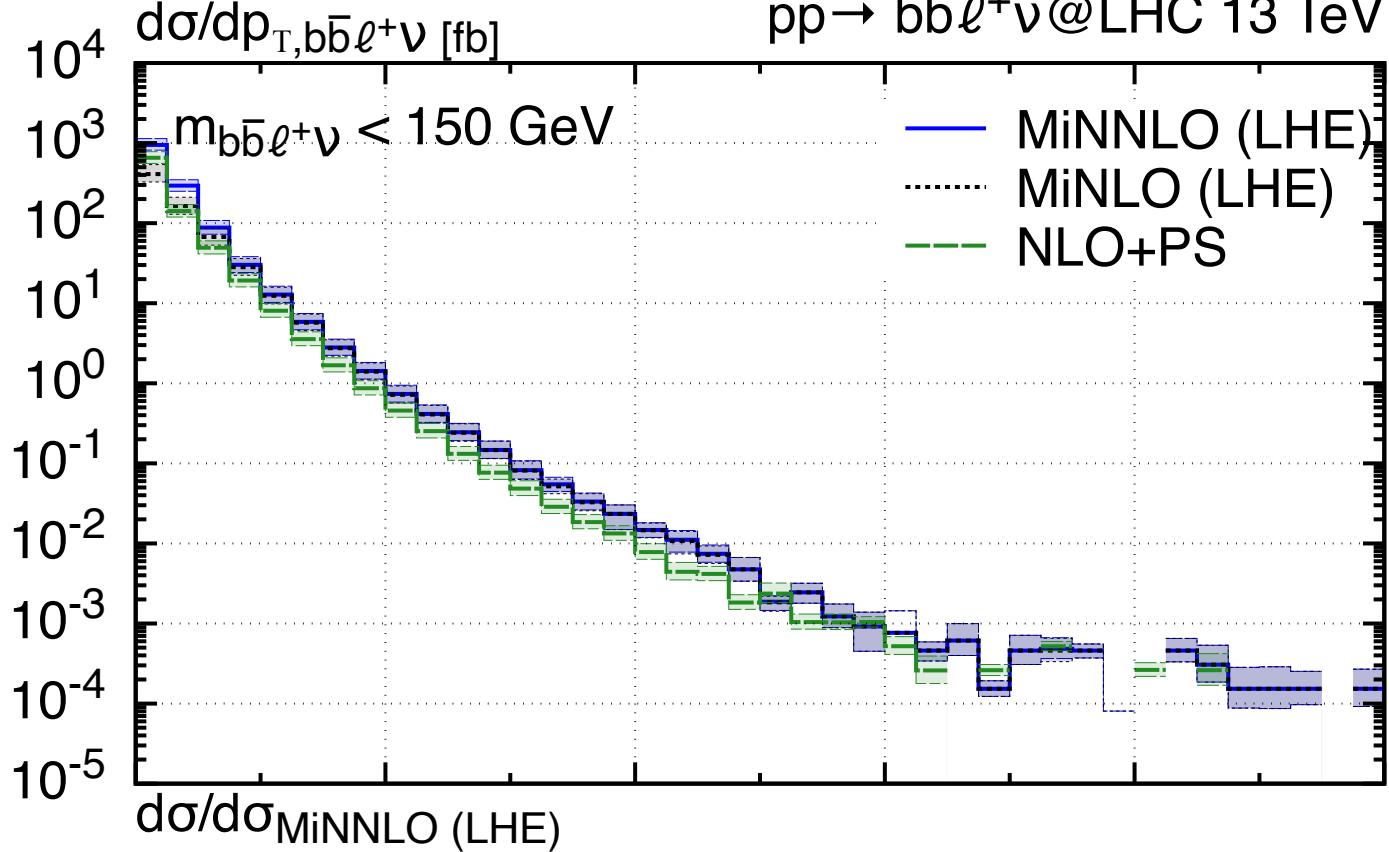
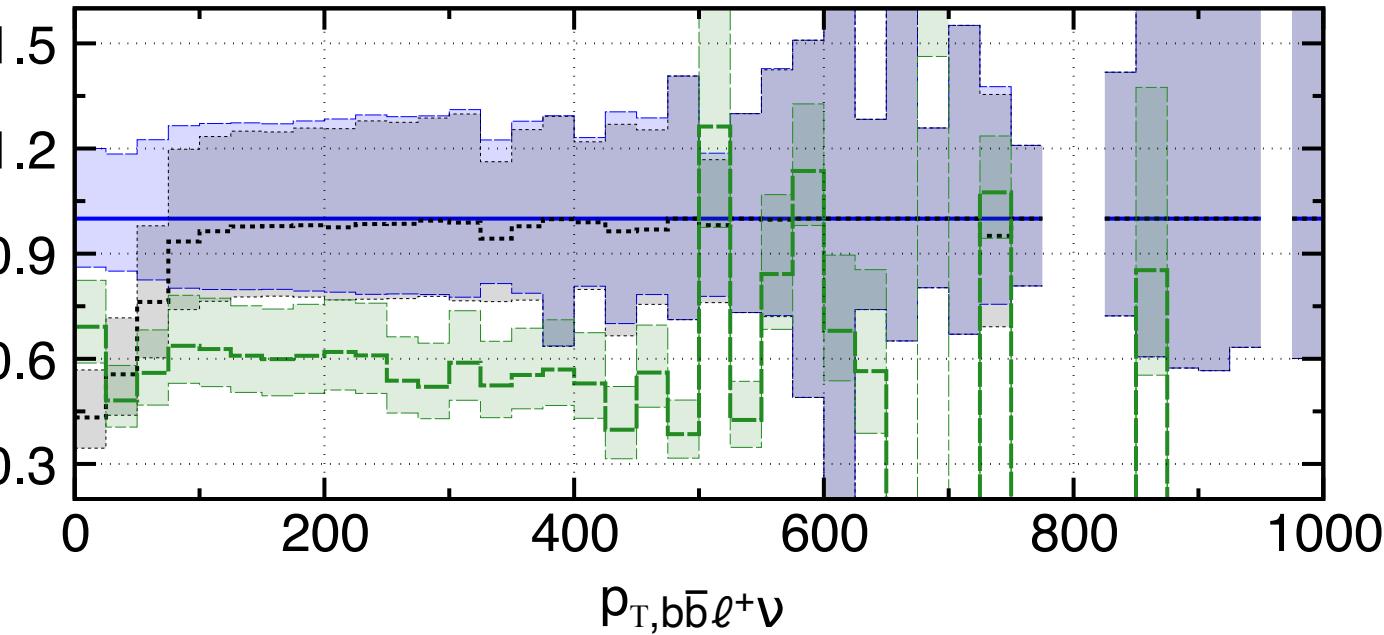
$d\sigma/dp_{T,b\bar{b}}$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

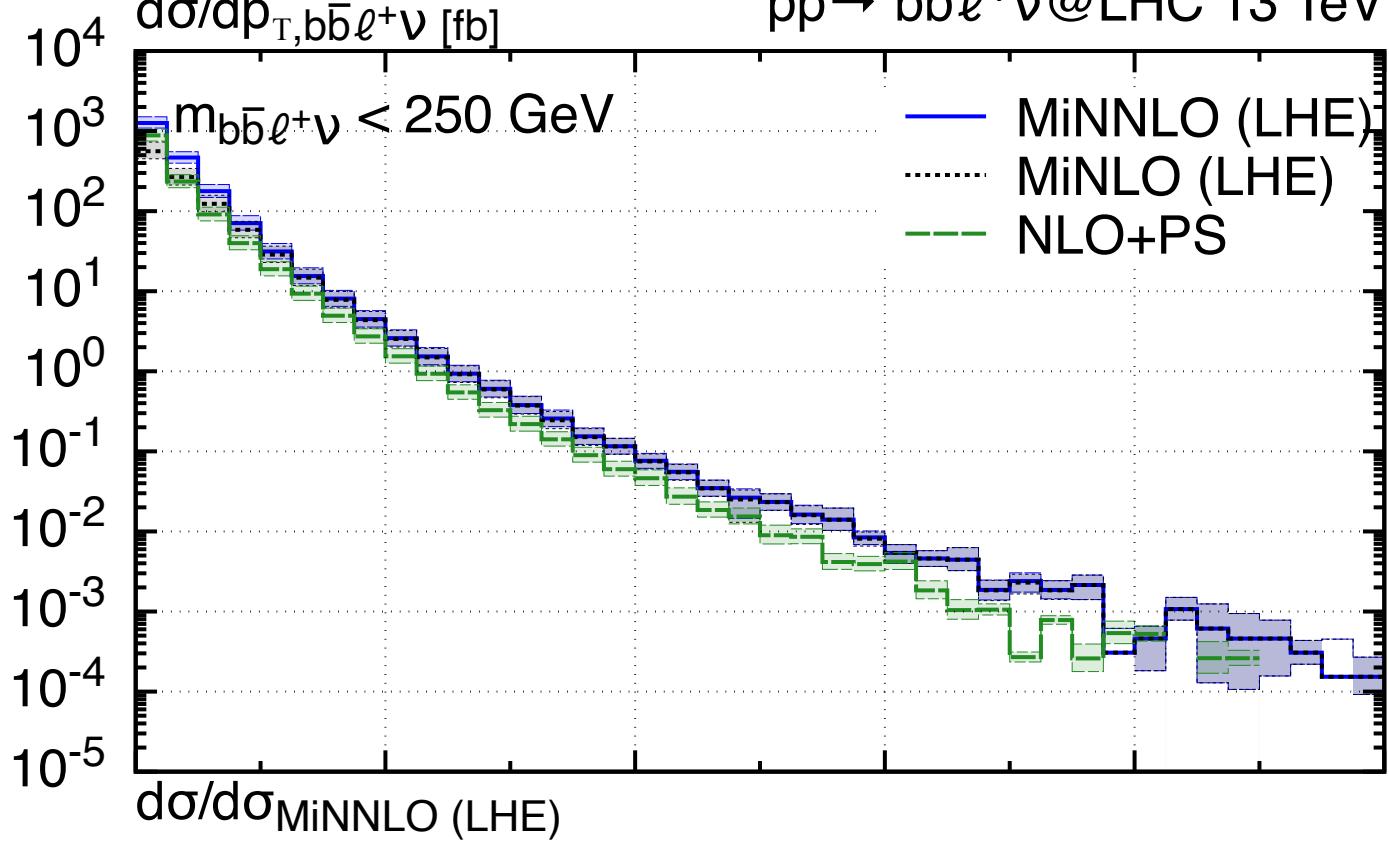
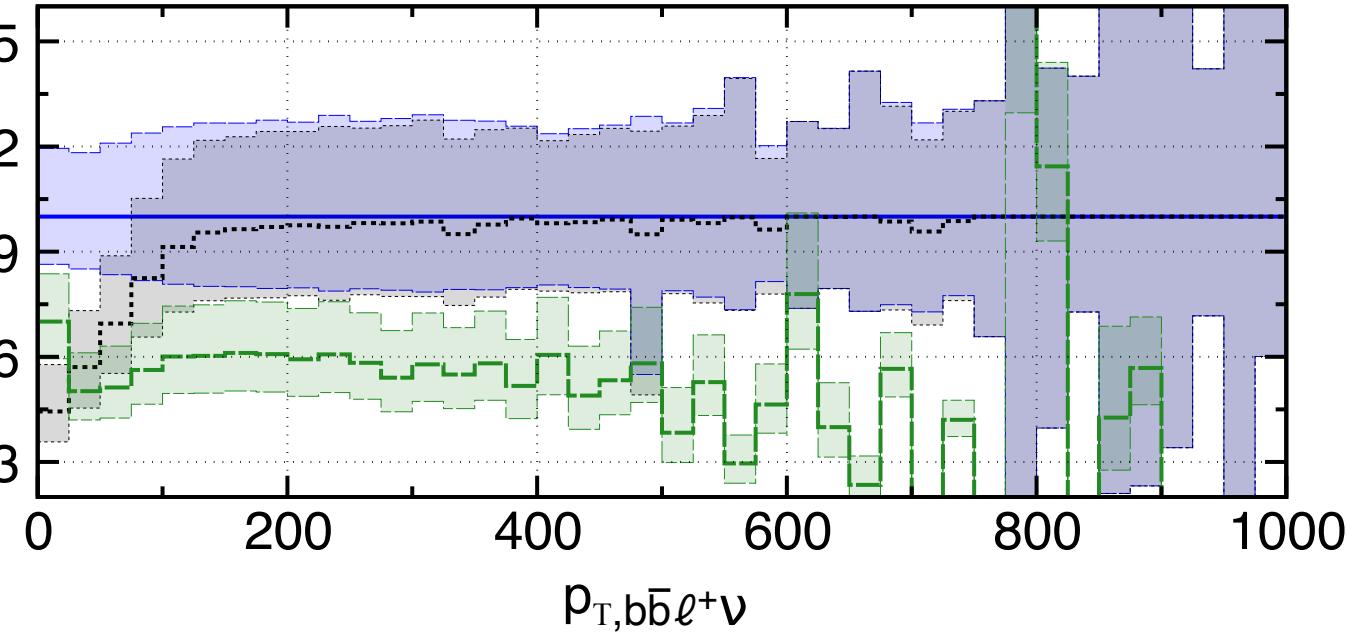
$d\sigma/dp_{T,b\bar{b}}$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

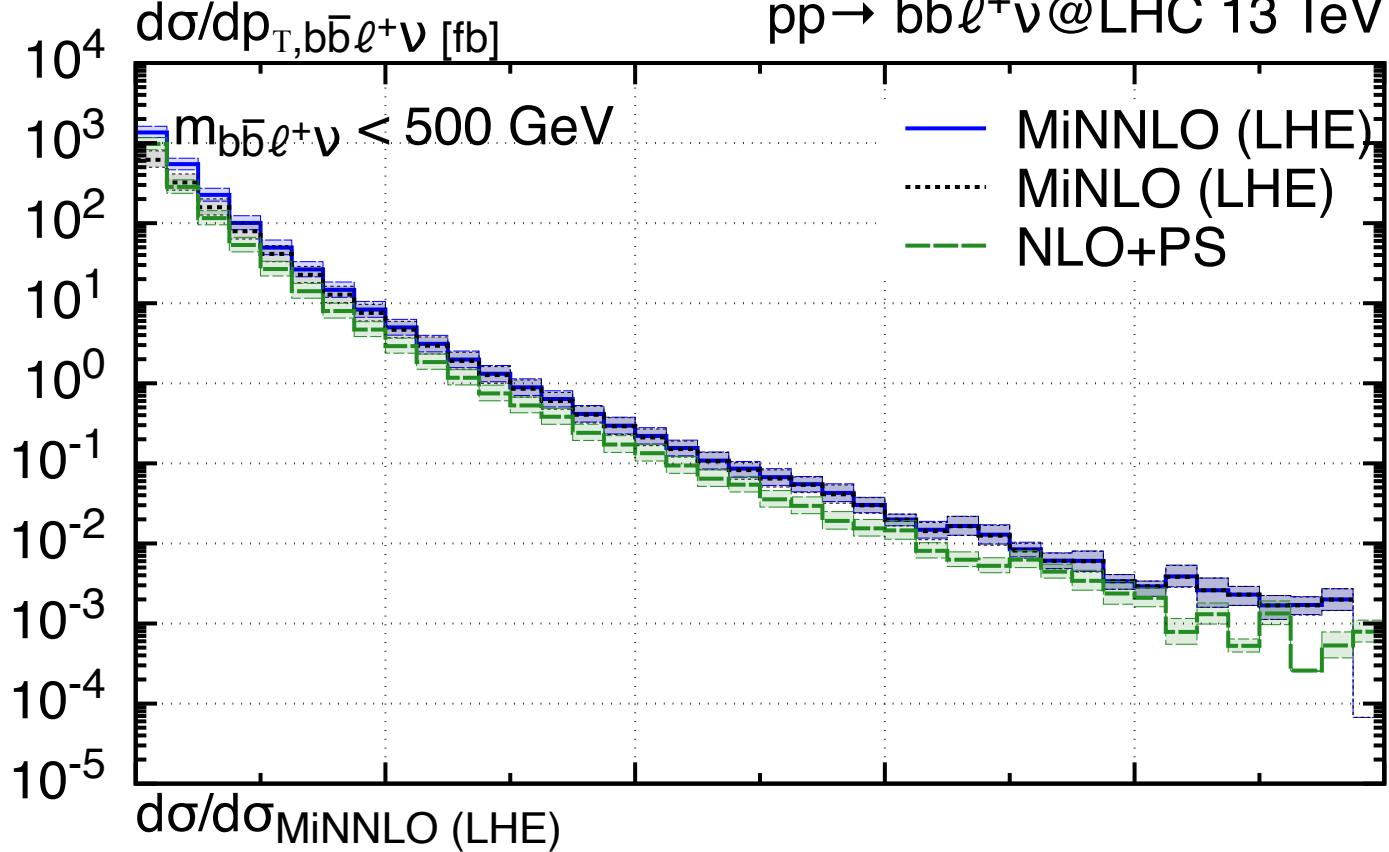
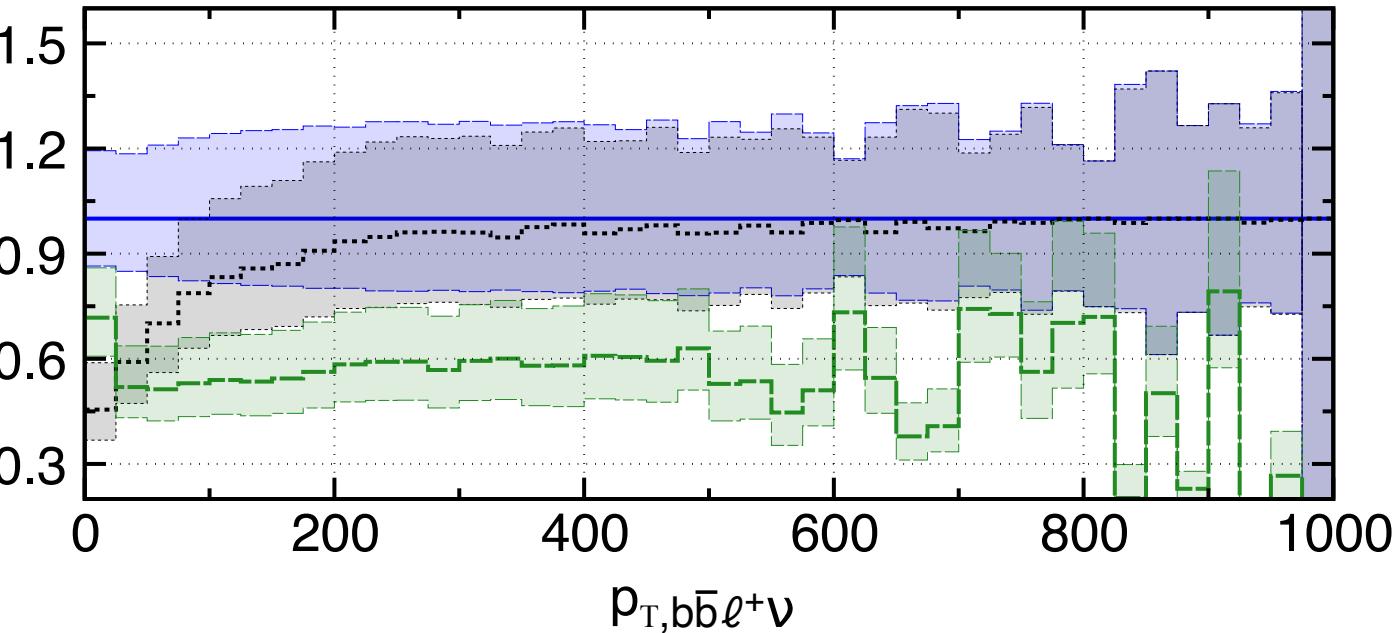
$d\sigma/dp_{T,b\bar{b}}$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

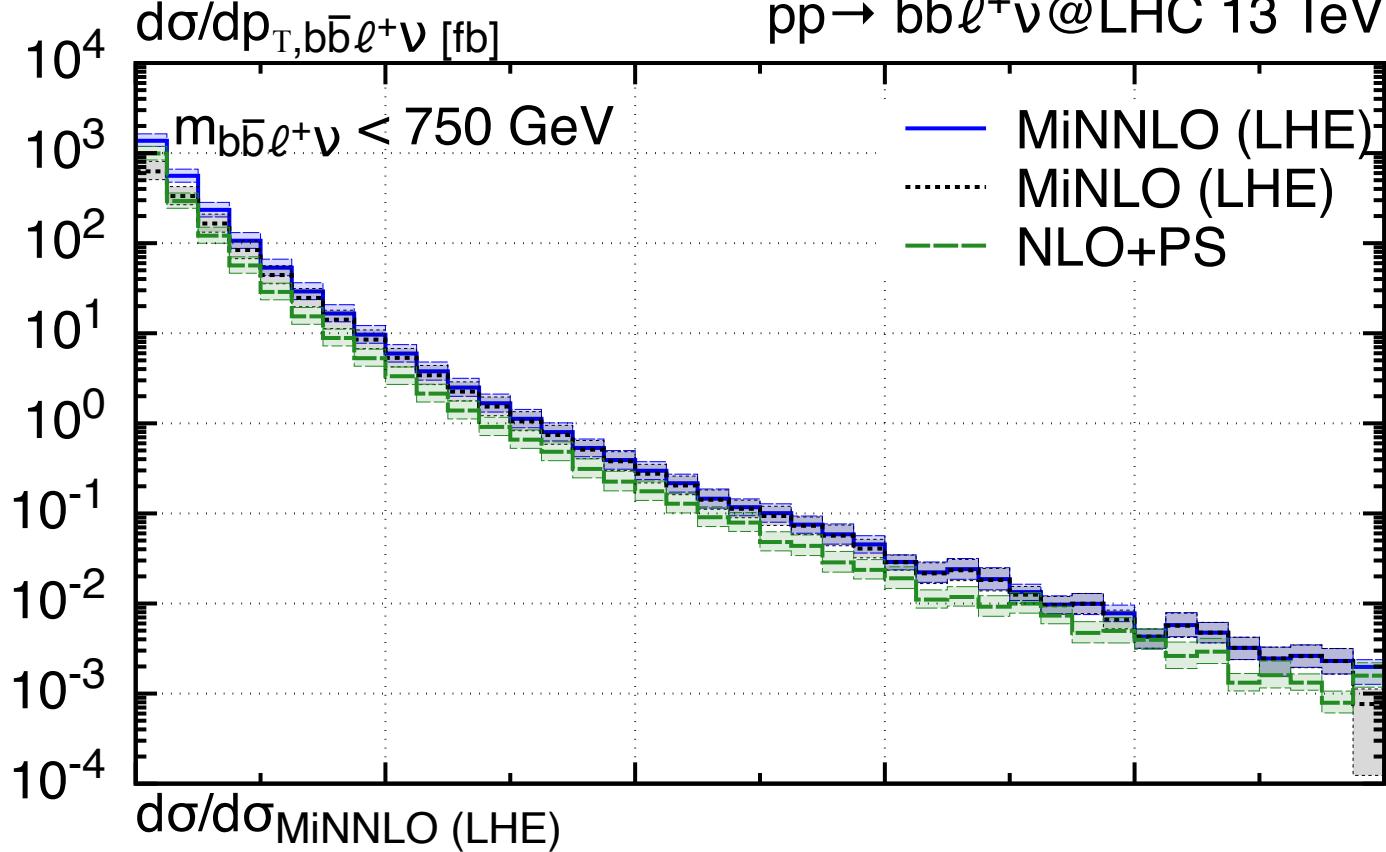
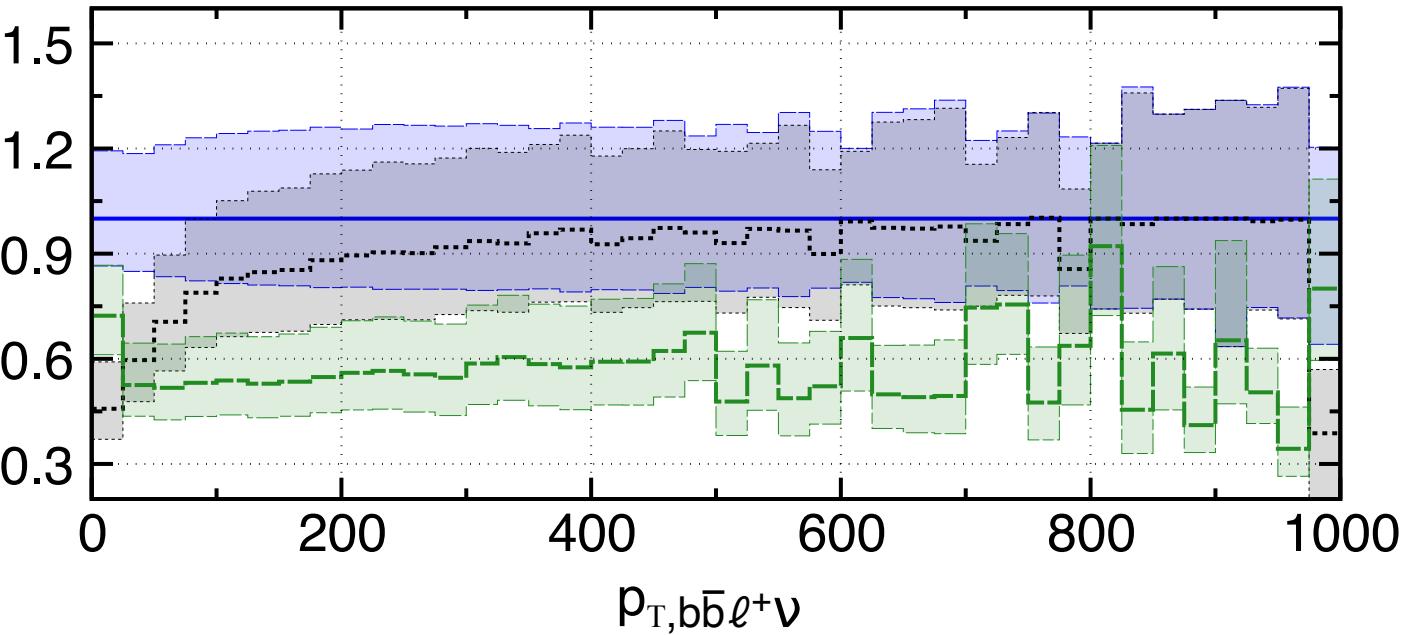


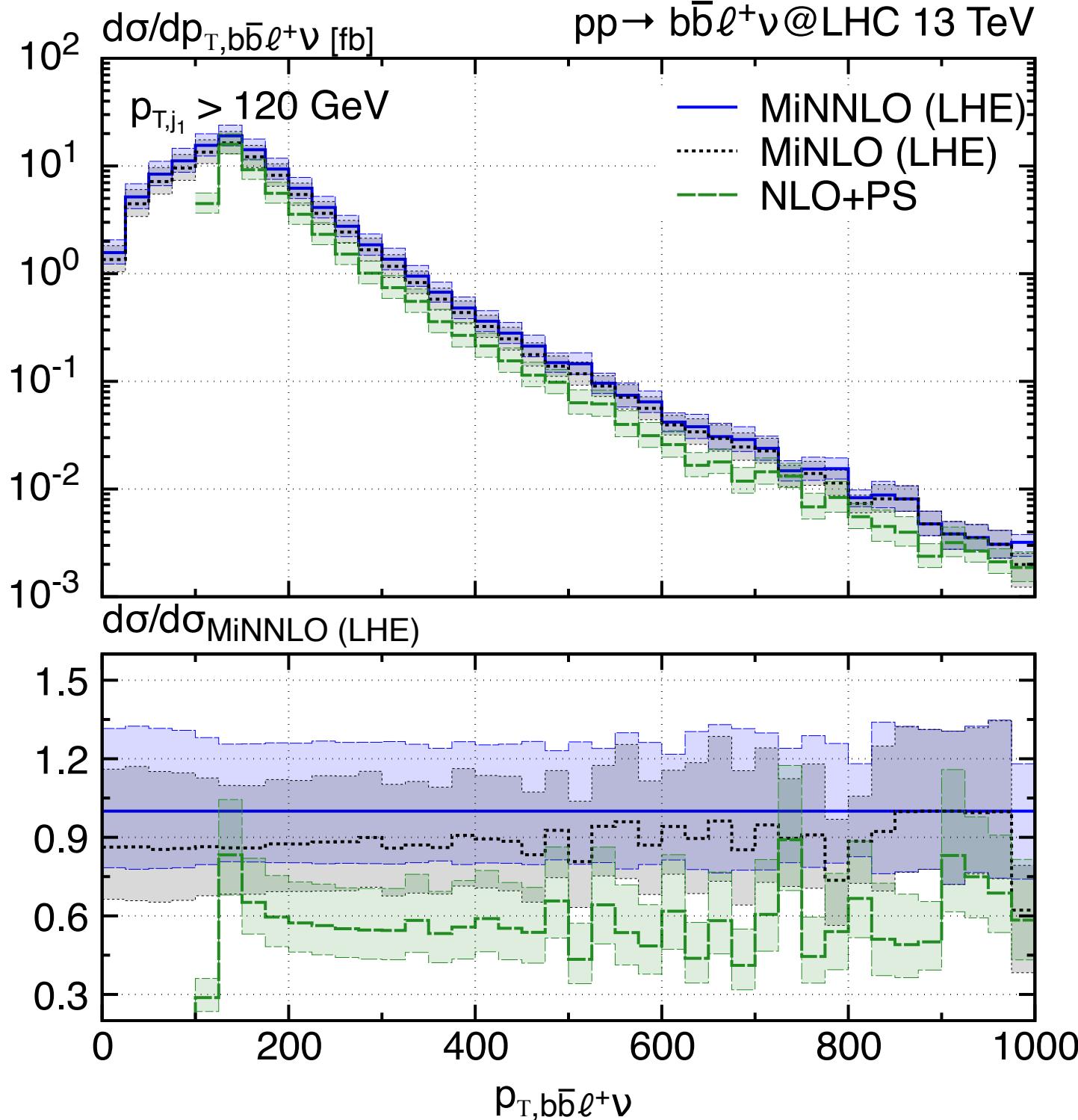
$d\sigma/dp_T, b\bar{b}\ell^+\nu$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

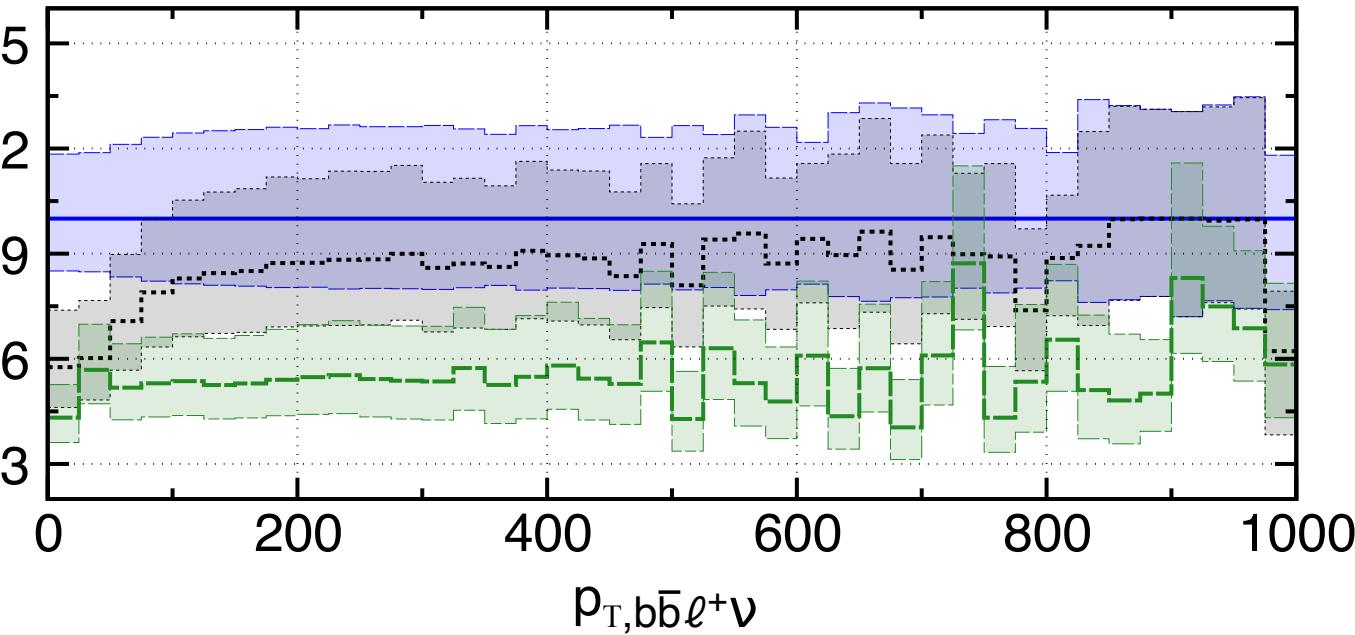
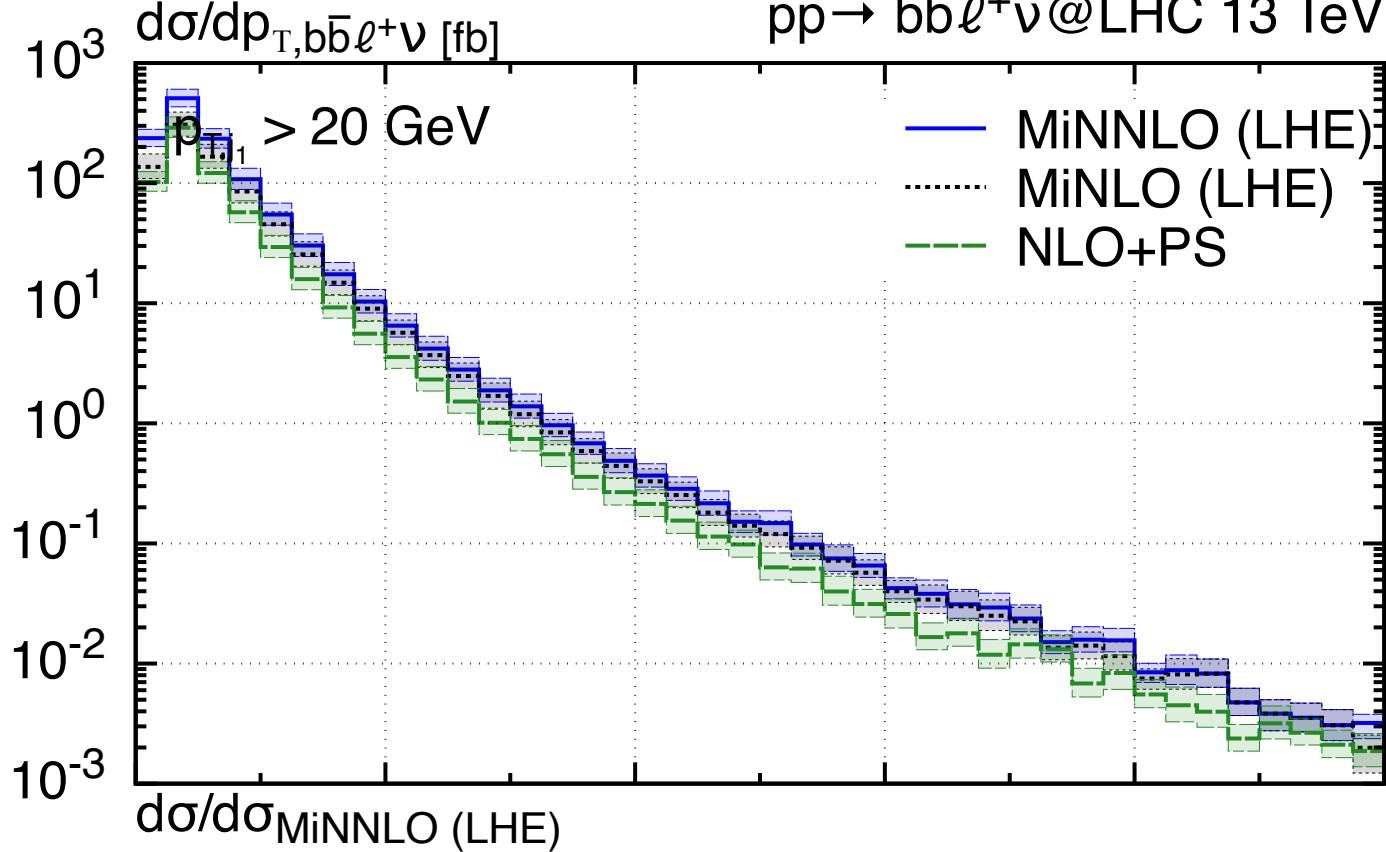
$d\sigma/dp_T, b\bar{b}\ell^+\nu$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

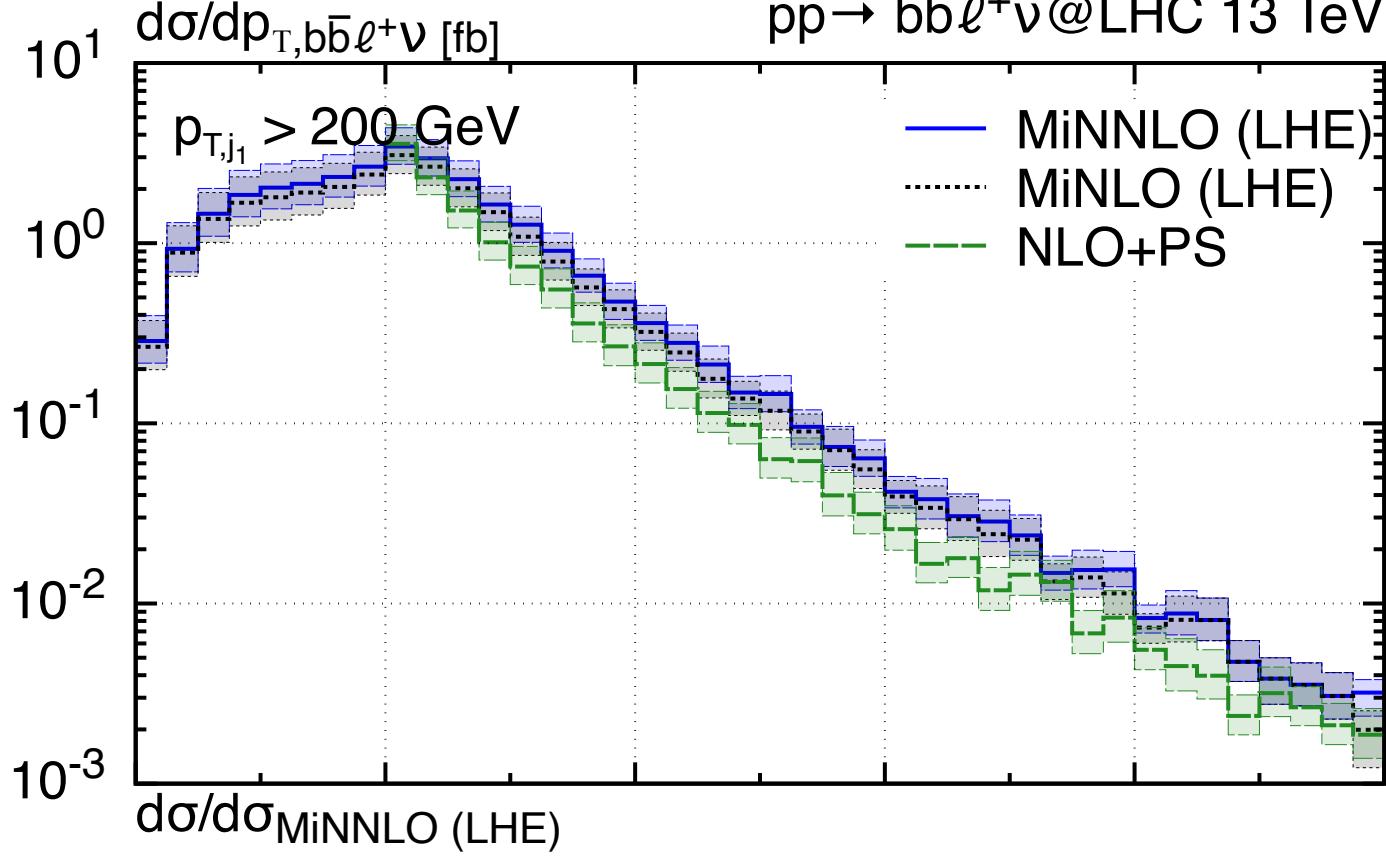
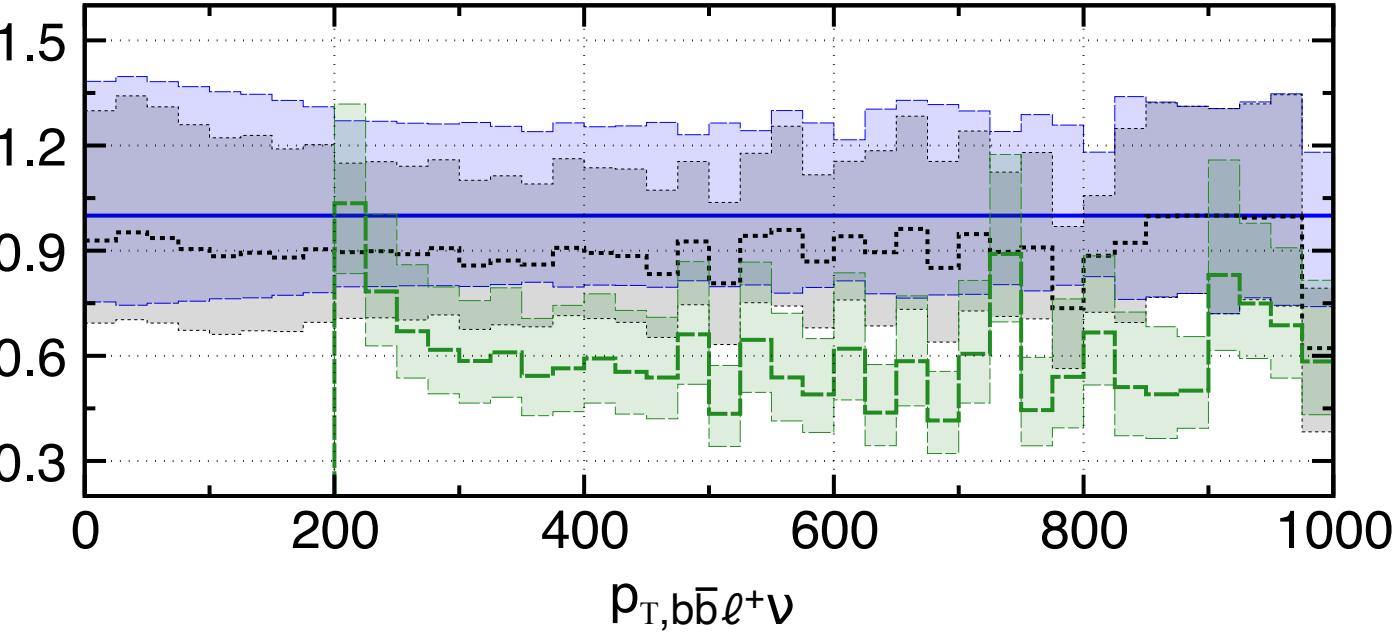
$d\sigma/dp_T, b\bar{b}\ell^+\nu$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

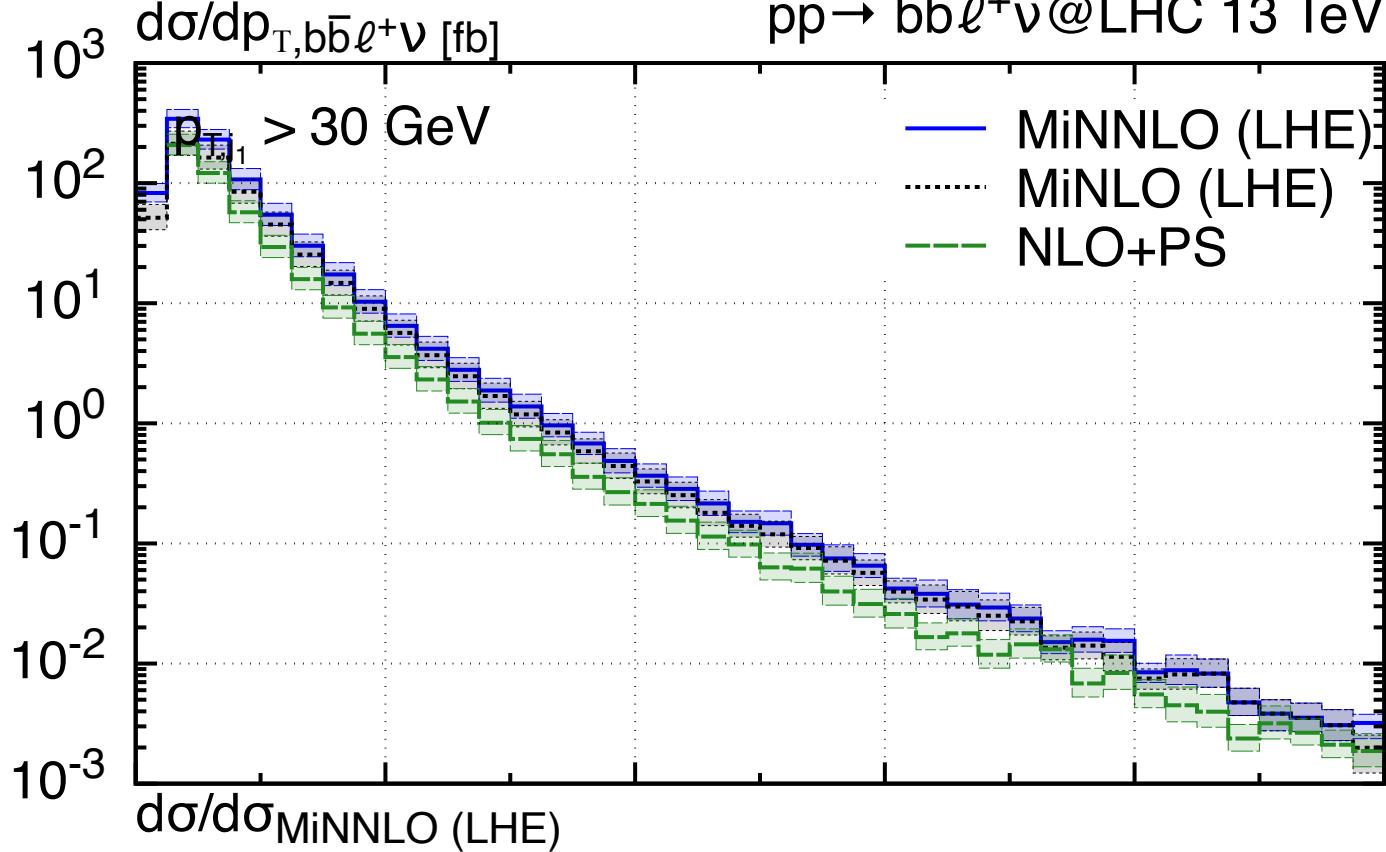
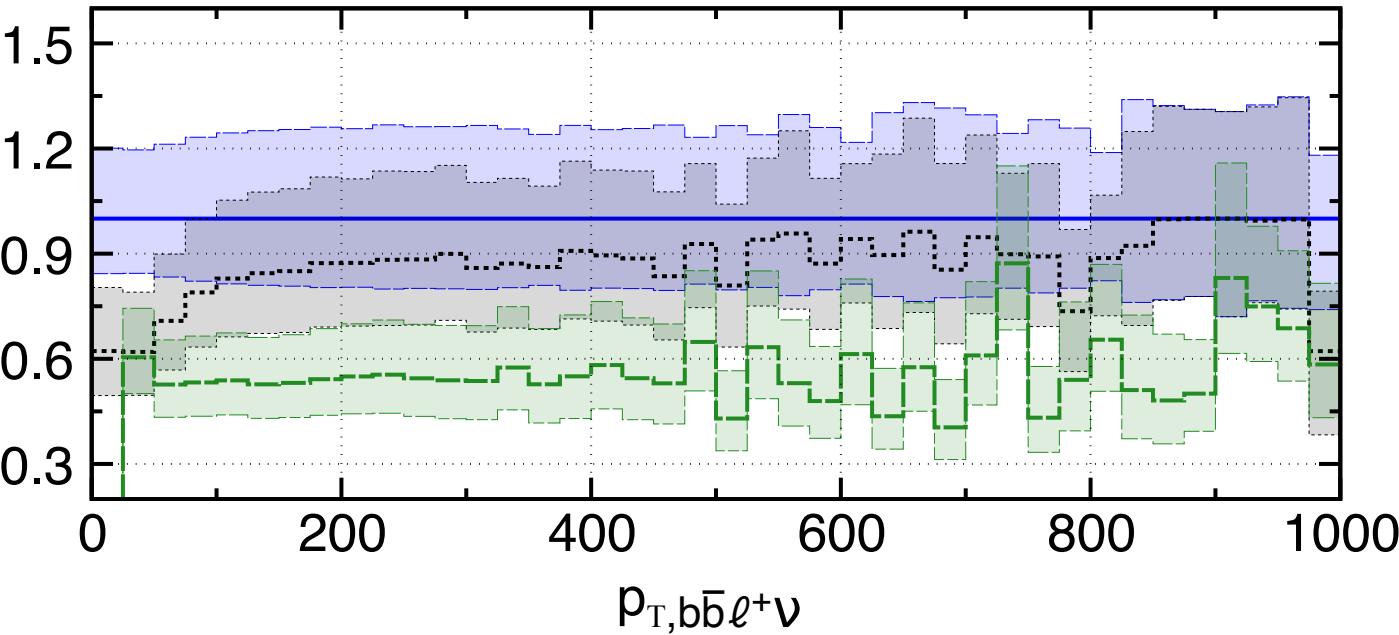
$d\sigma/dp_T, b\bar{b}\ell^+\nu$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

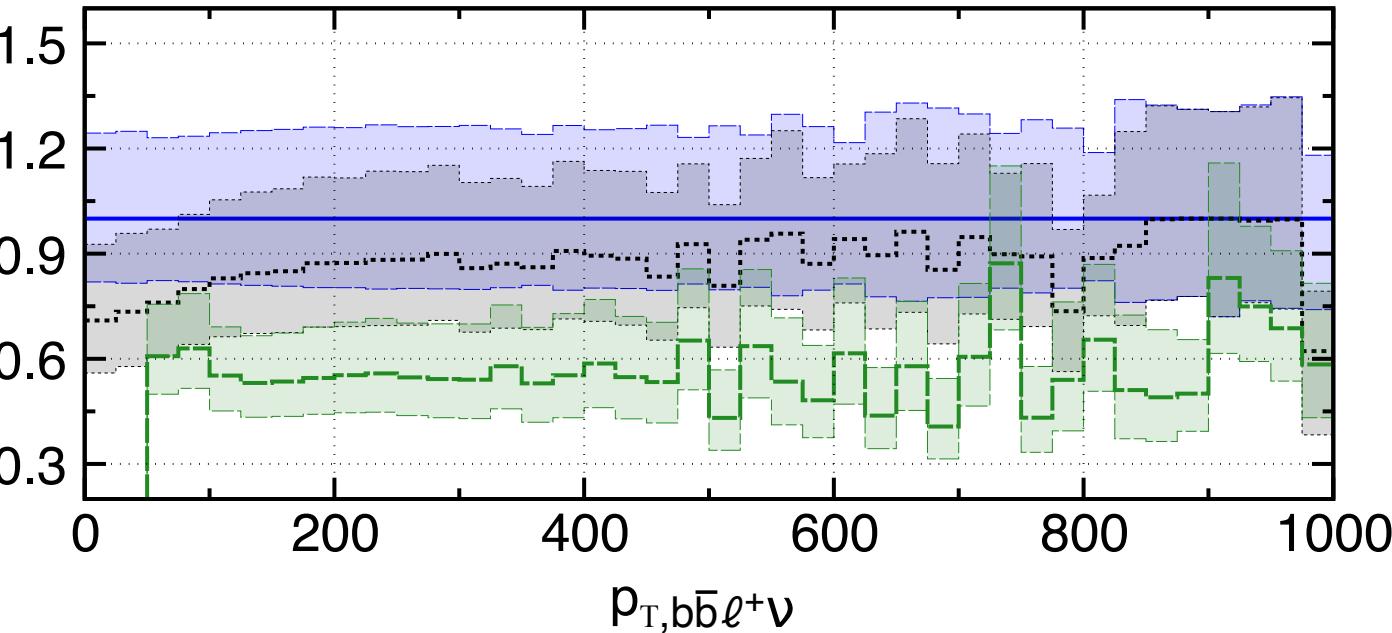
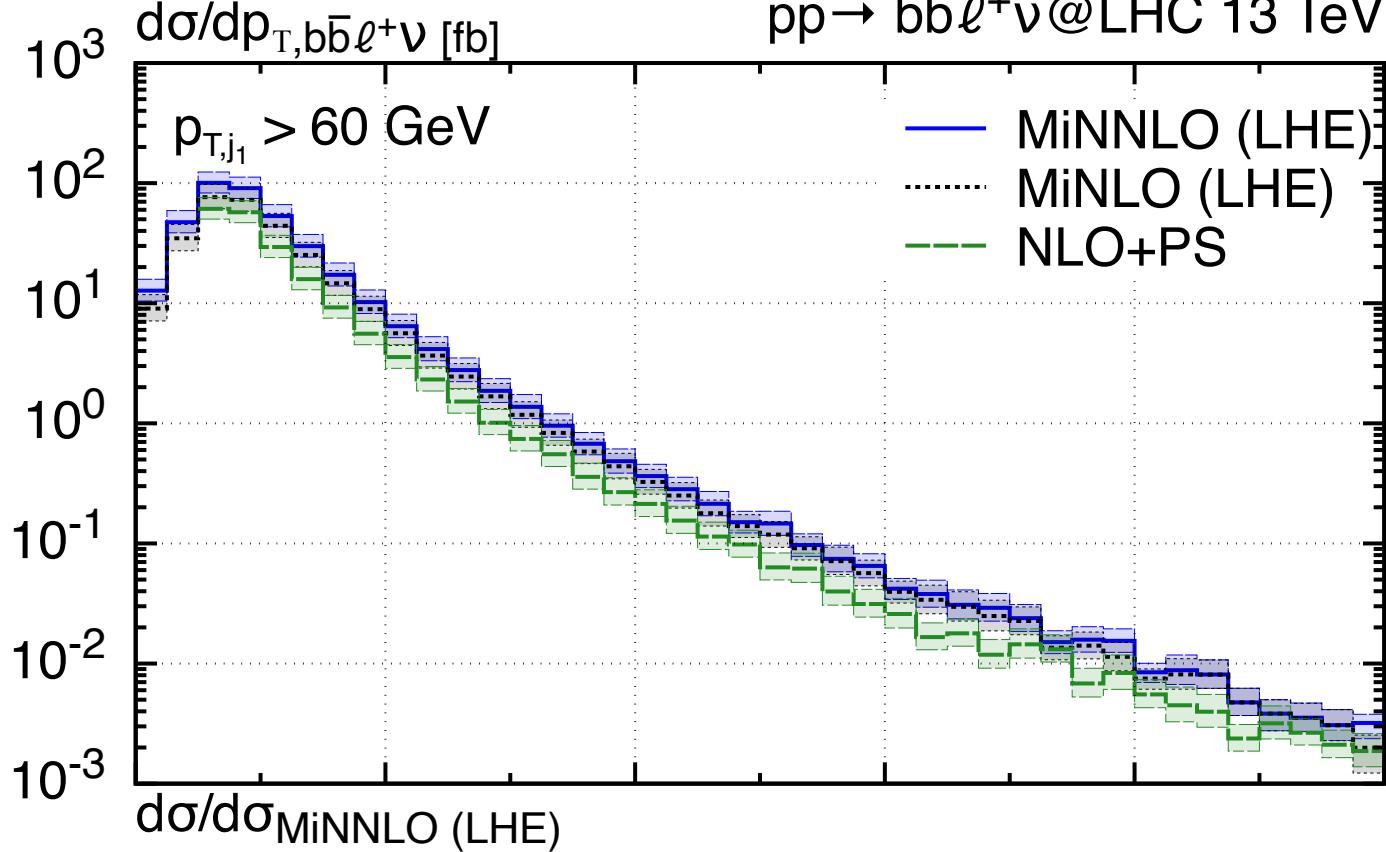
$d\sigma/dp_T, b\bar{b}\ell^+\nu$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

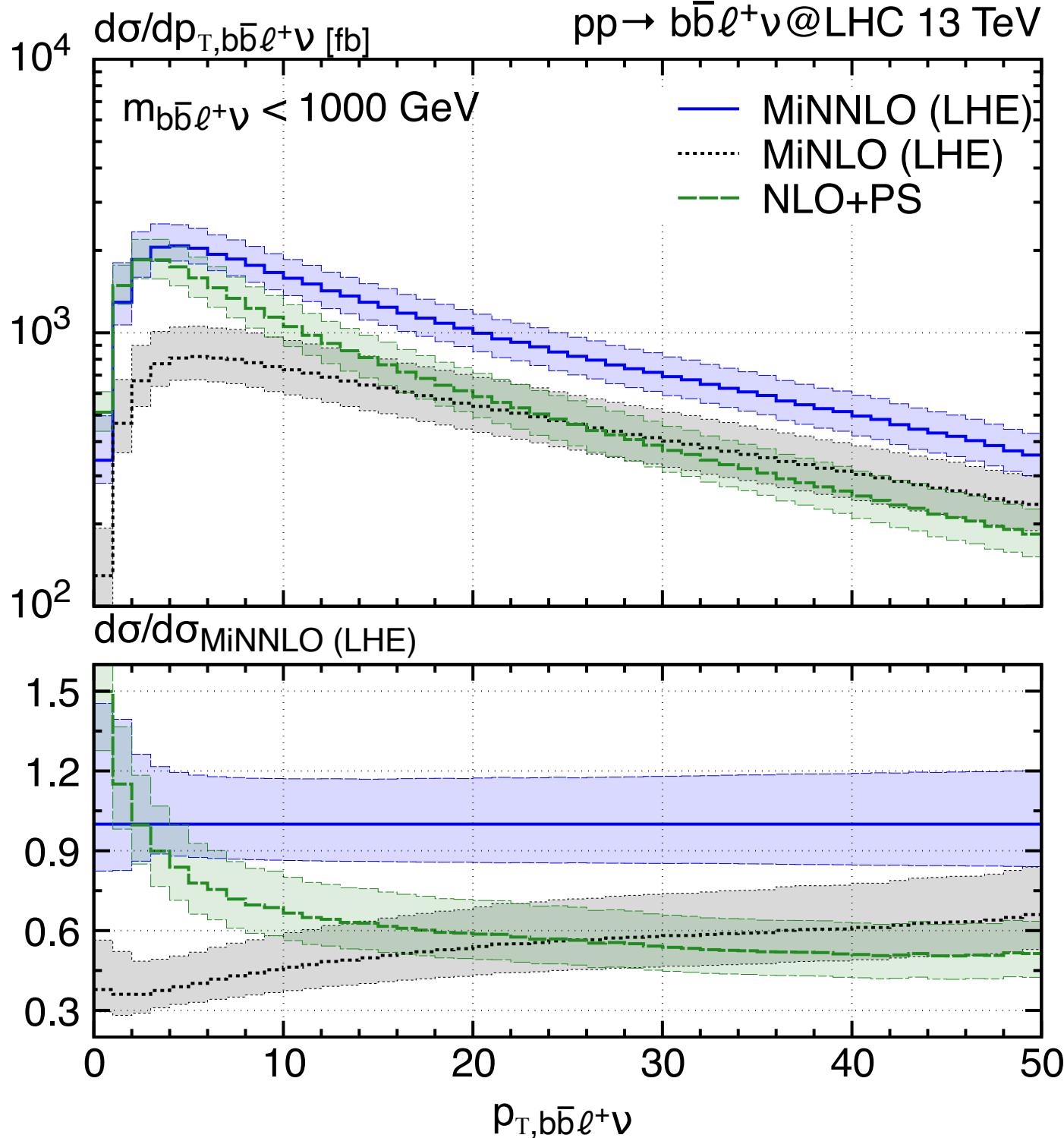


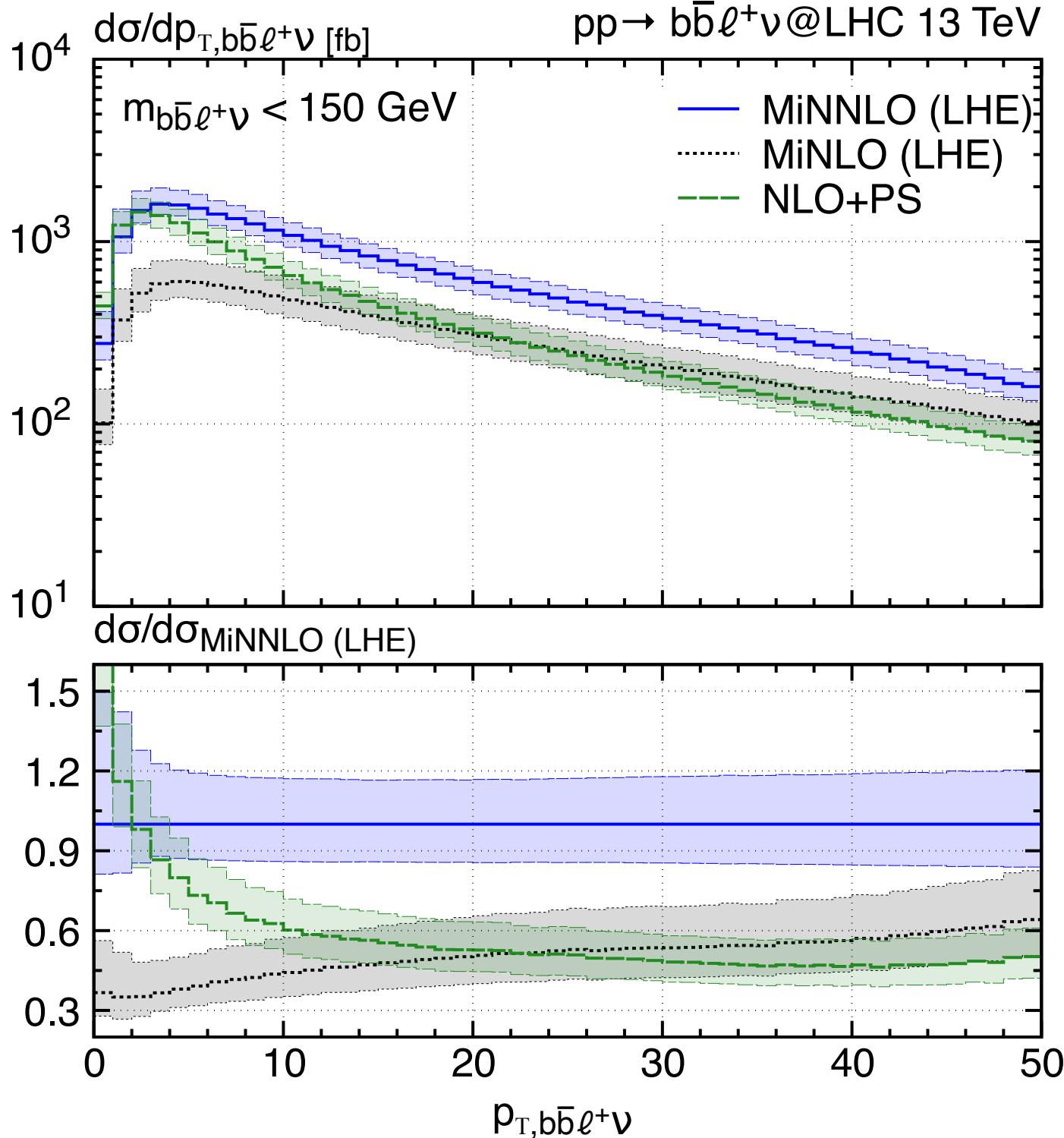
$d\sigma/dp_T, b\bar{b}\ell^+\nu$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

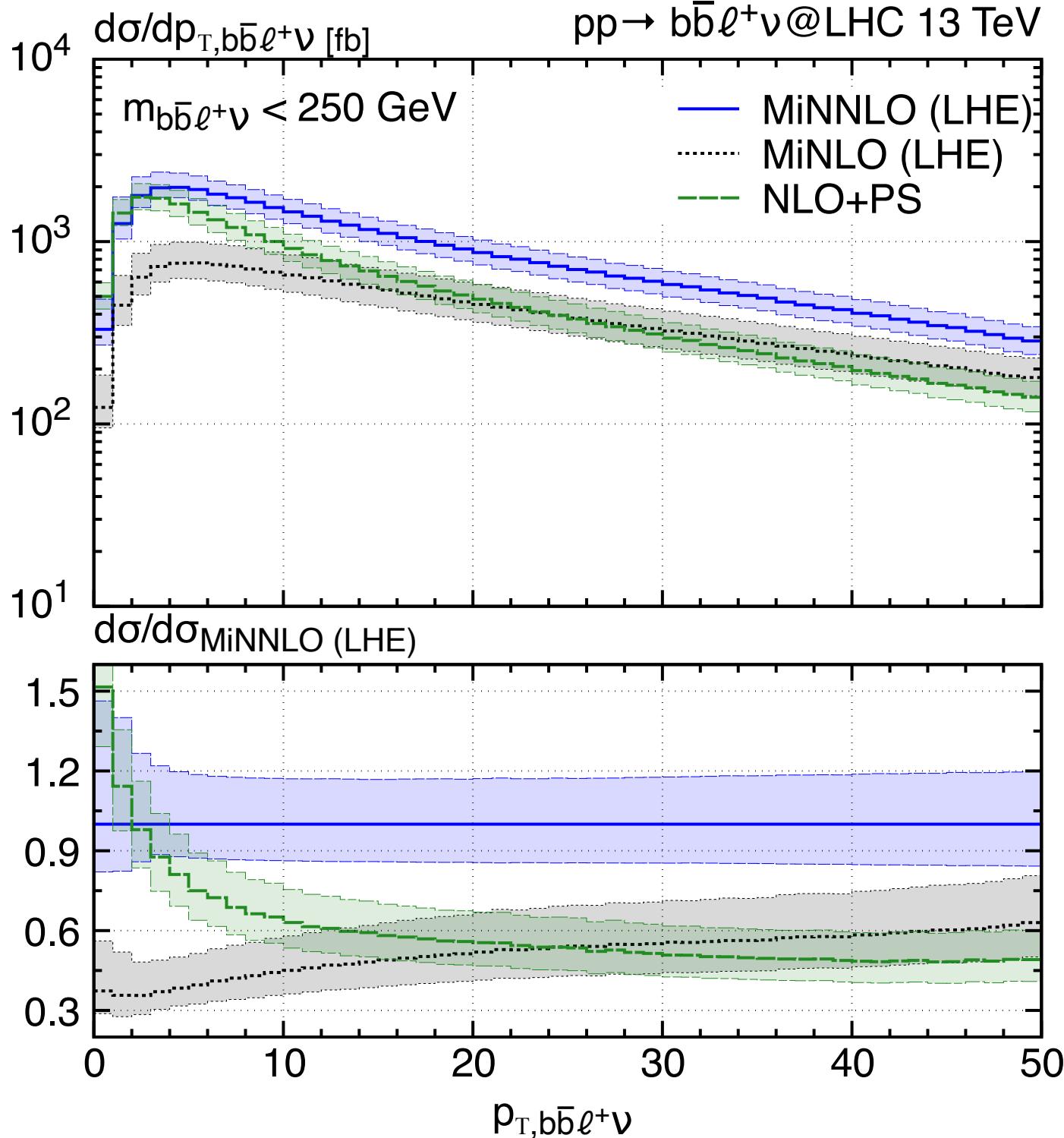
$d\sigma/dp_{T,b\bar{b}\ell^+\nu}$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

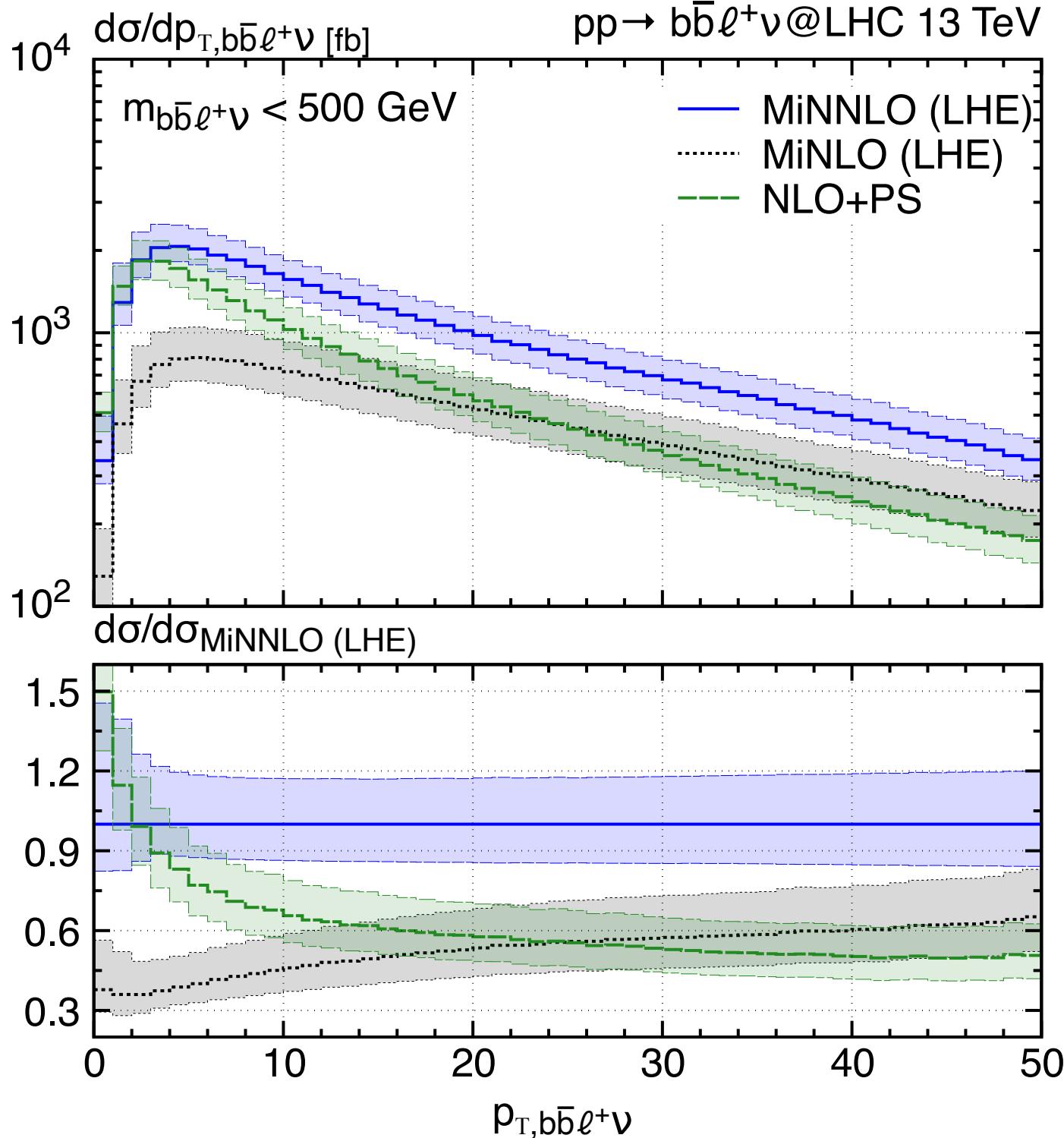
$d\sigma/dp_T, b\bar{b}\ell^+\nu$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

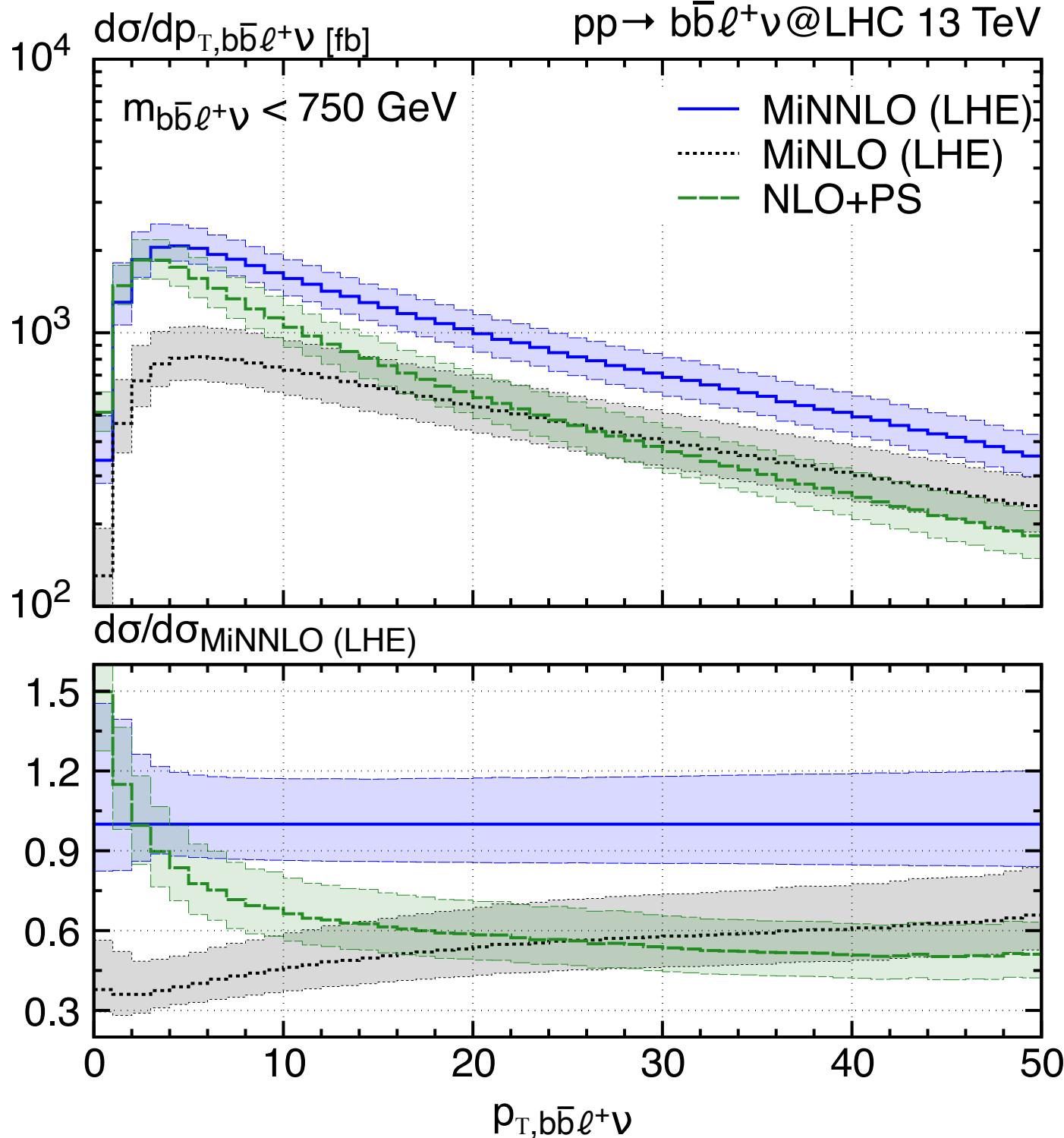
$d\sigma/dp_T, b\bar{b}\ell^+\nu$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu @ LHC 13 \text{ TeV}$ 





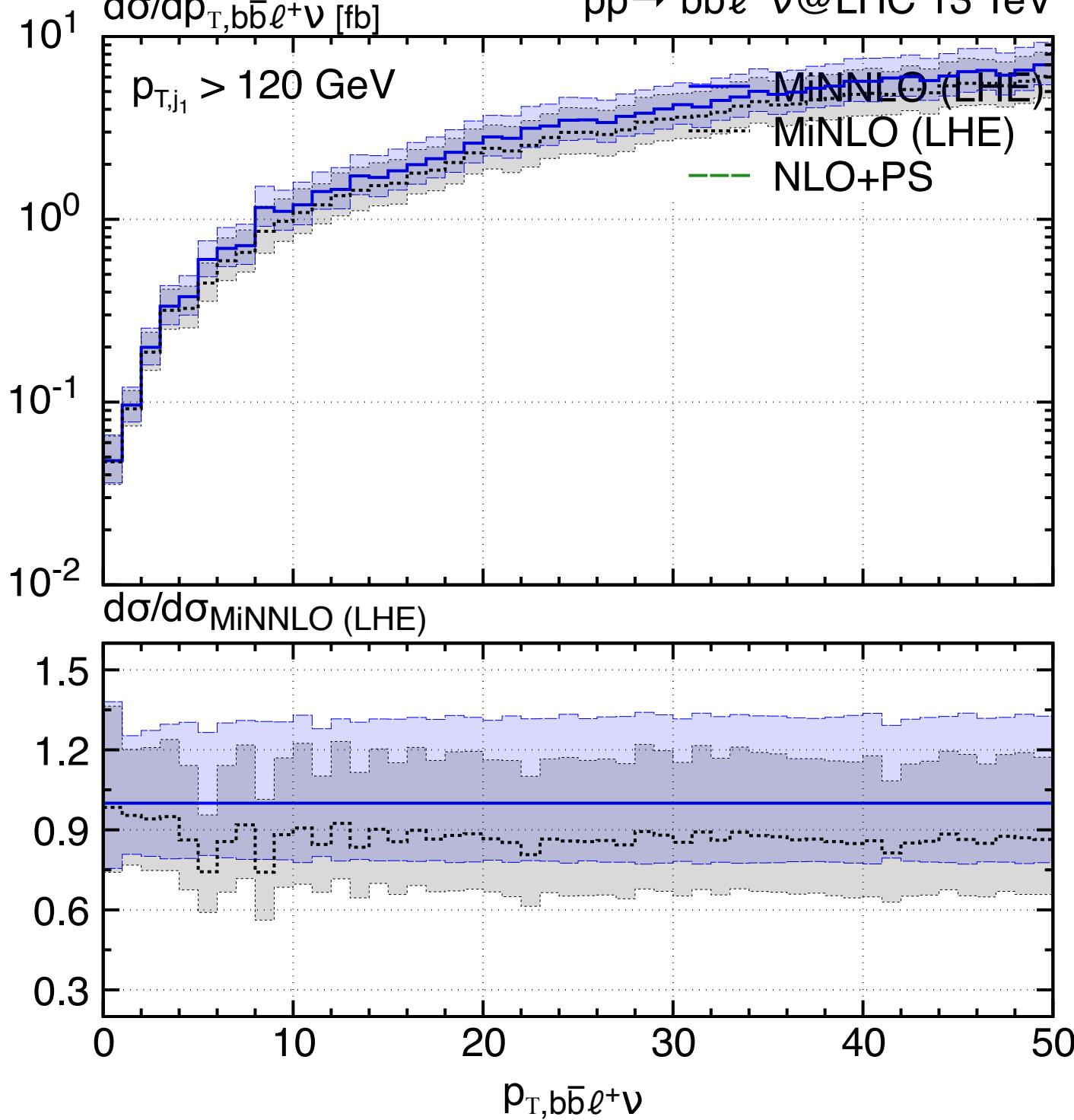


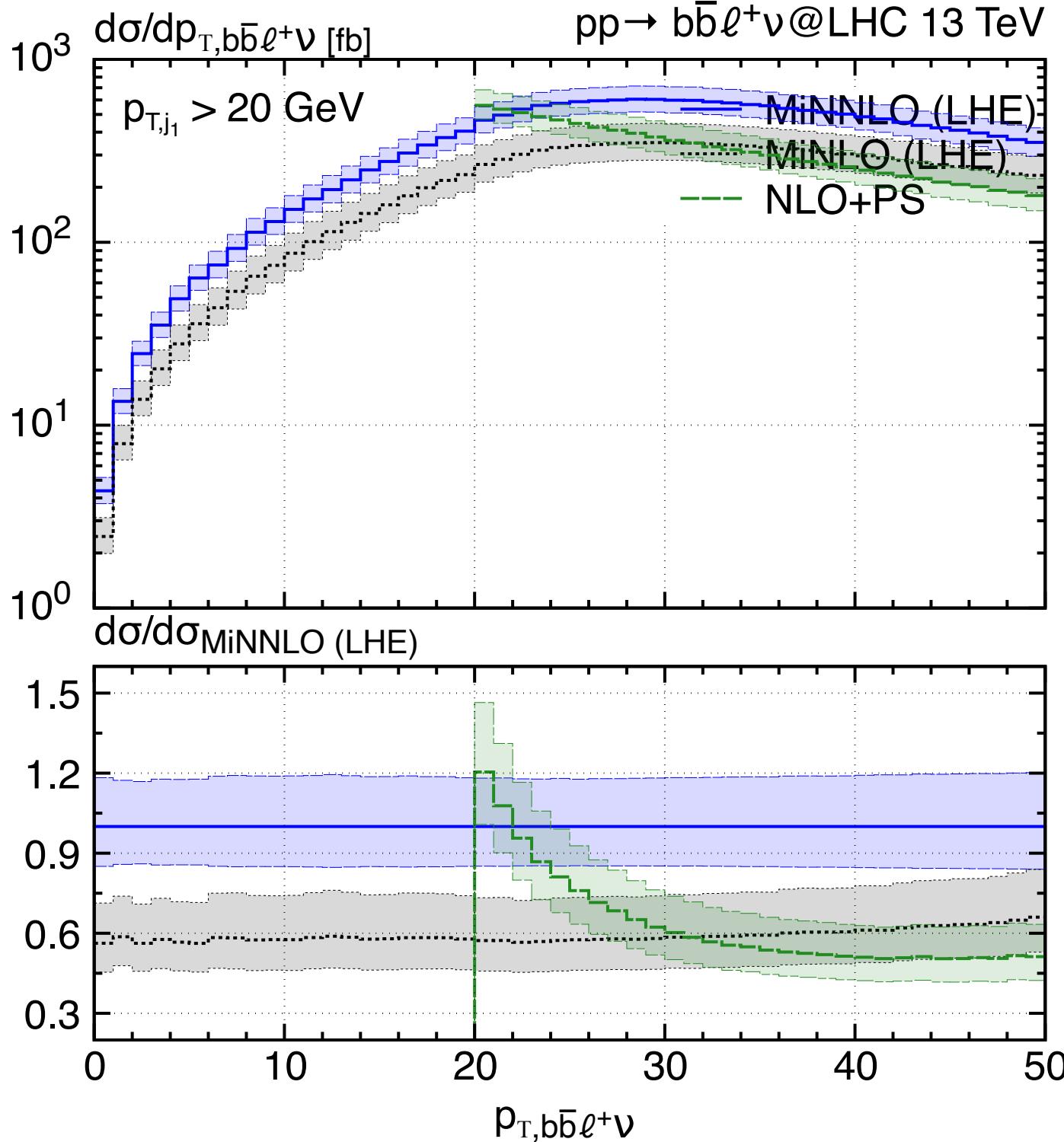




$d\sigma/dp_{T,b\bar{b}\ell^+\nu}$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $p_{T,j_1} > 120 \text{ GeV}$ 

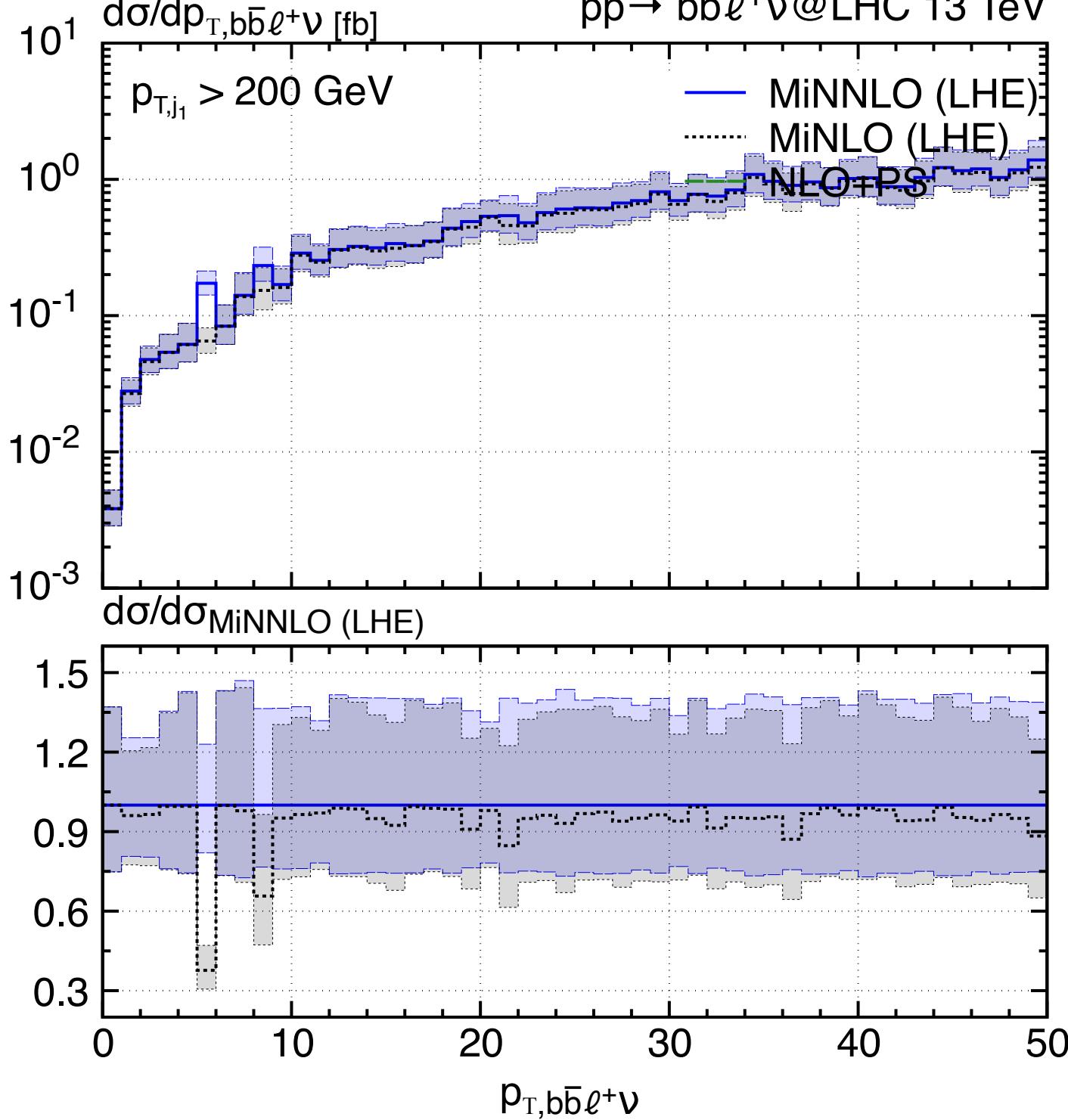
MiNNLO (LHE)  
MiNLO (LHE)  
--- NLO+PS

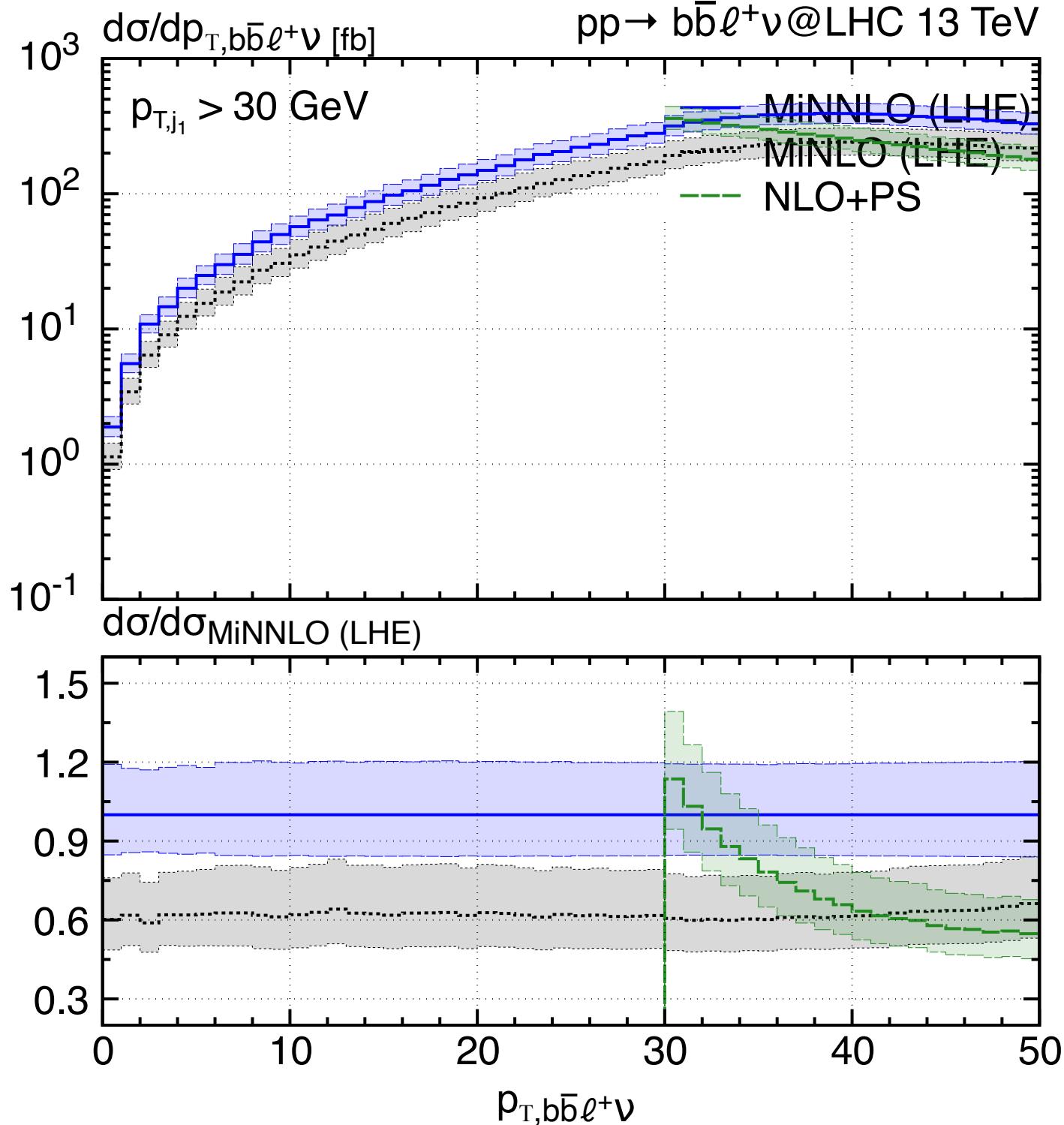


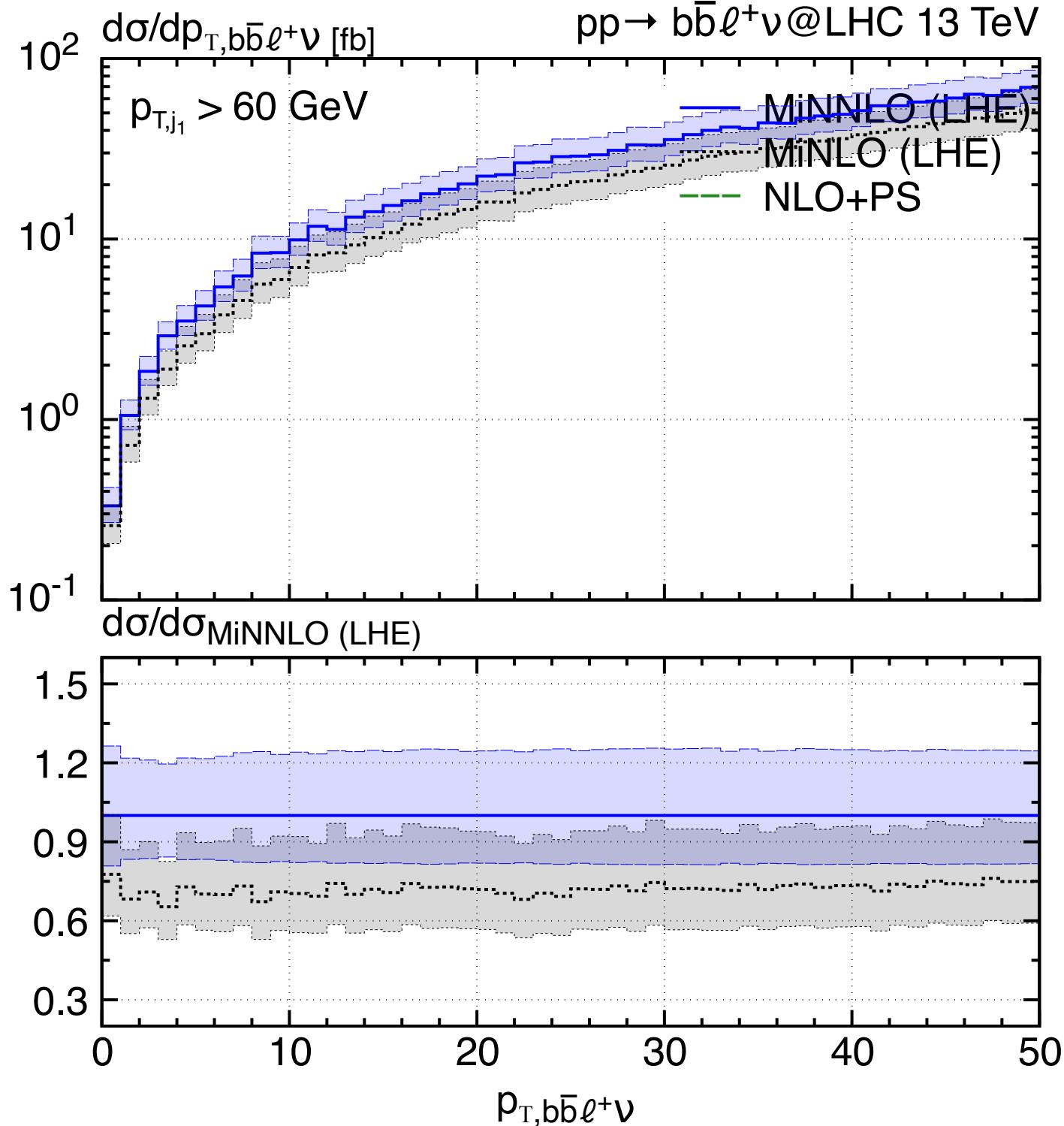


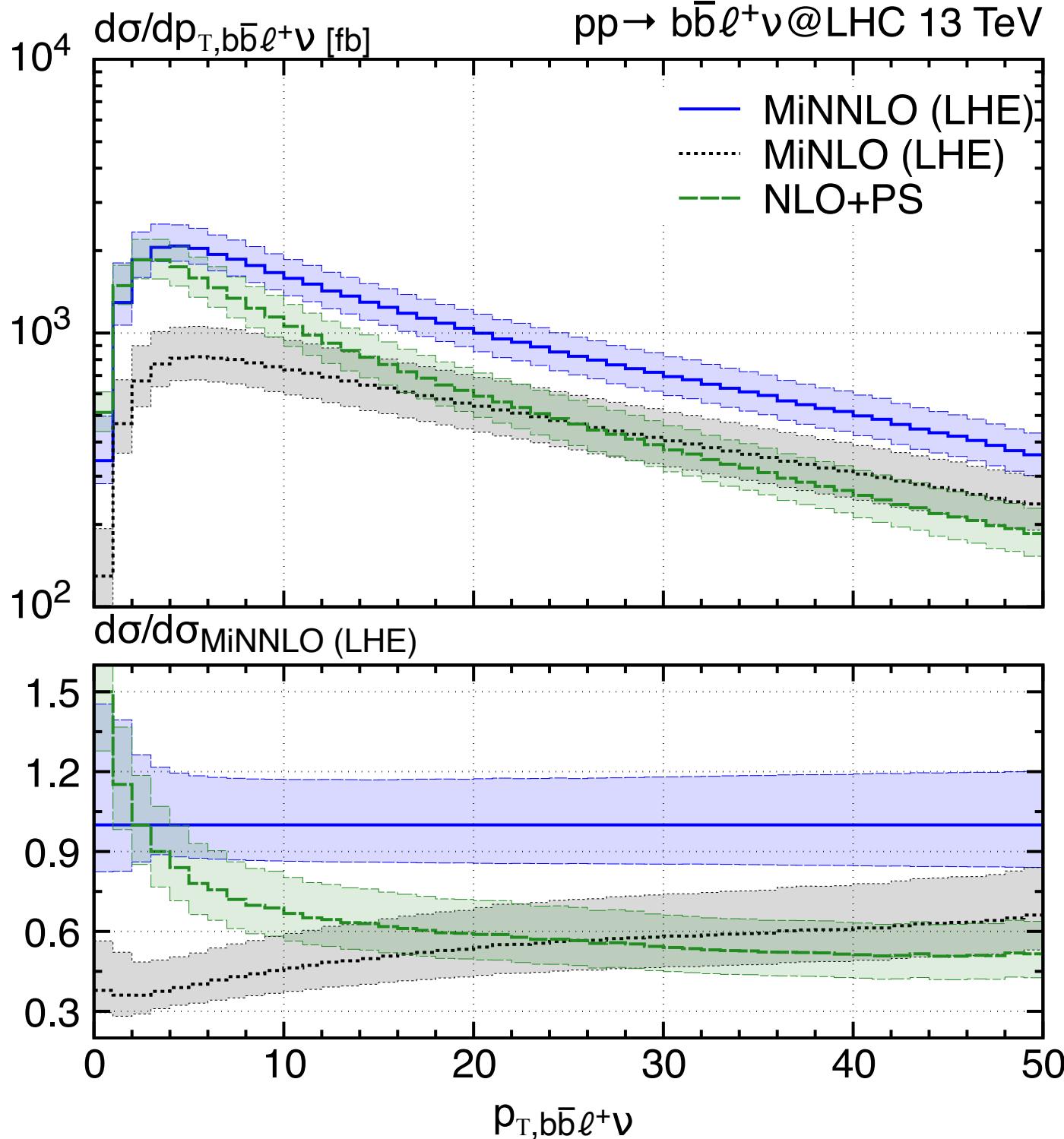
$d\sigma/dp_{T,b\bar{b}\ell^+\nu}$  [fb]pp  $\rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV $p_{T,j_1} > 200$  GeV

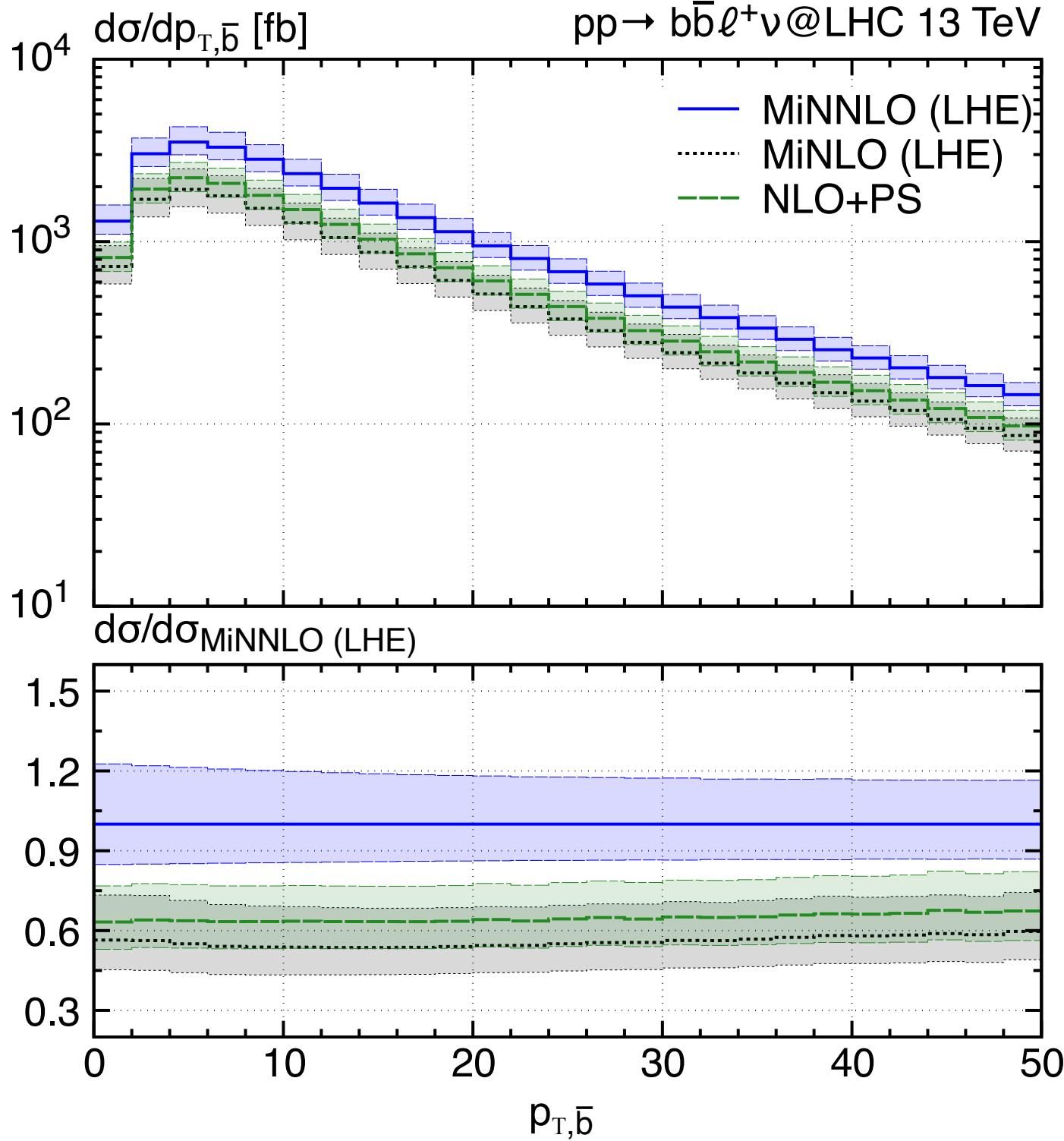
— MiNNLO (LHE)  
- - - MiNLO (LHE)  
NLO+PS

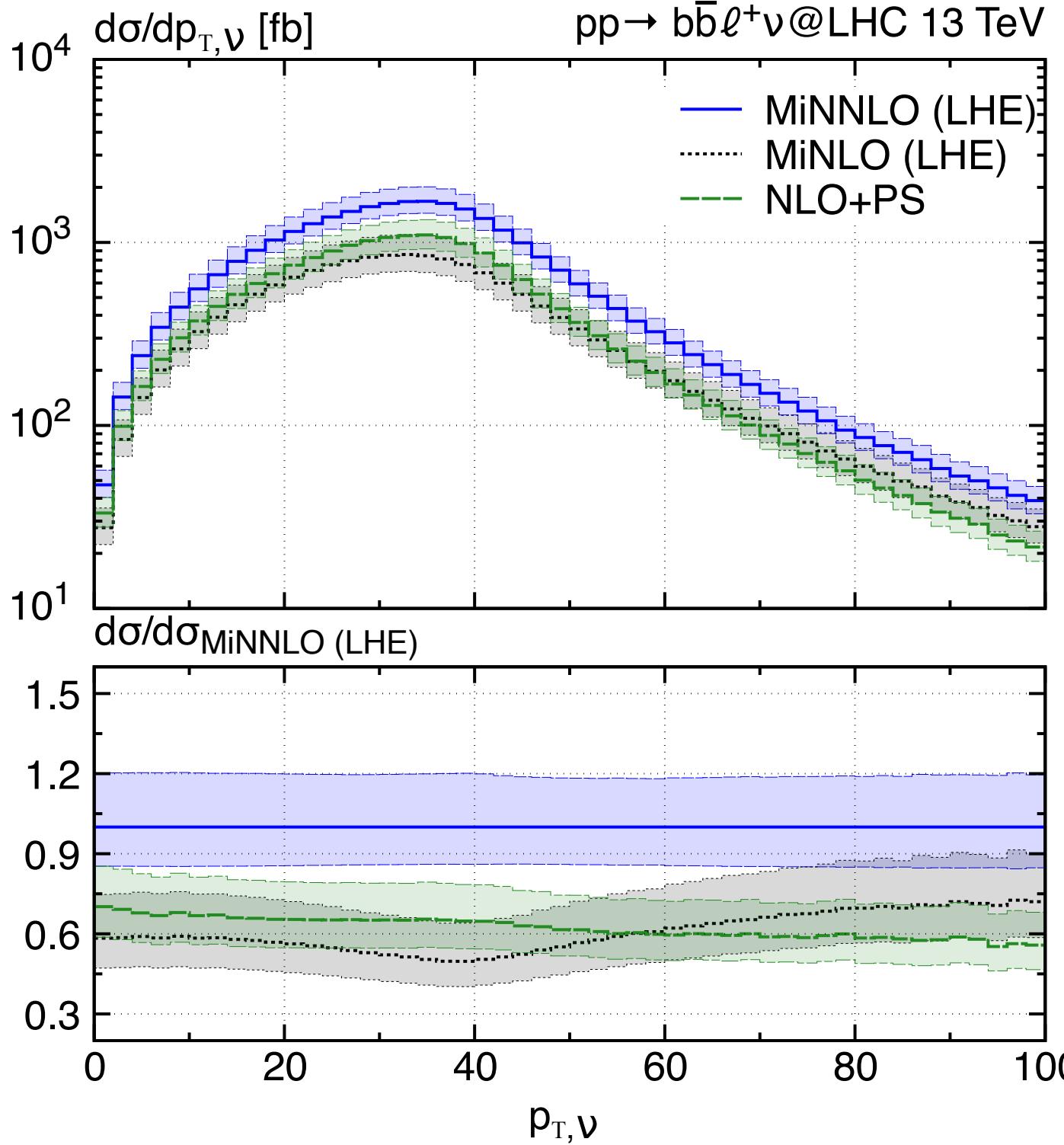


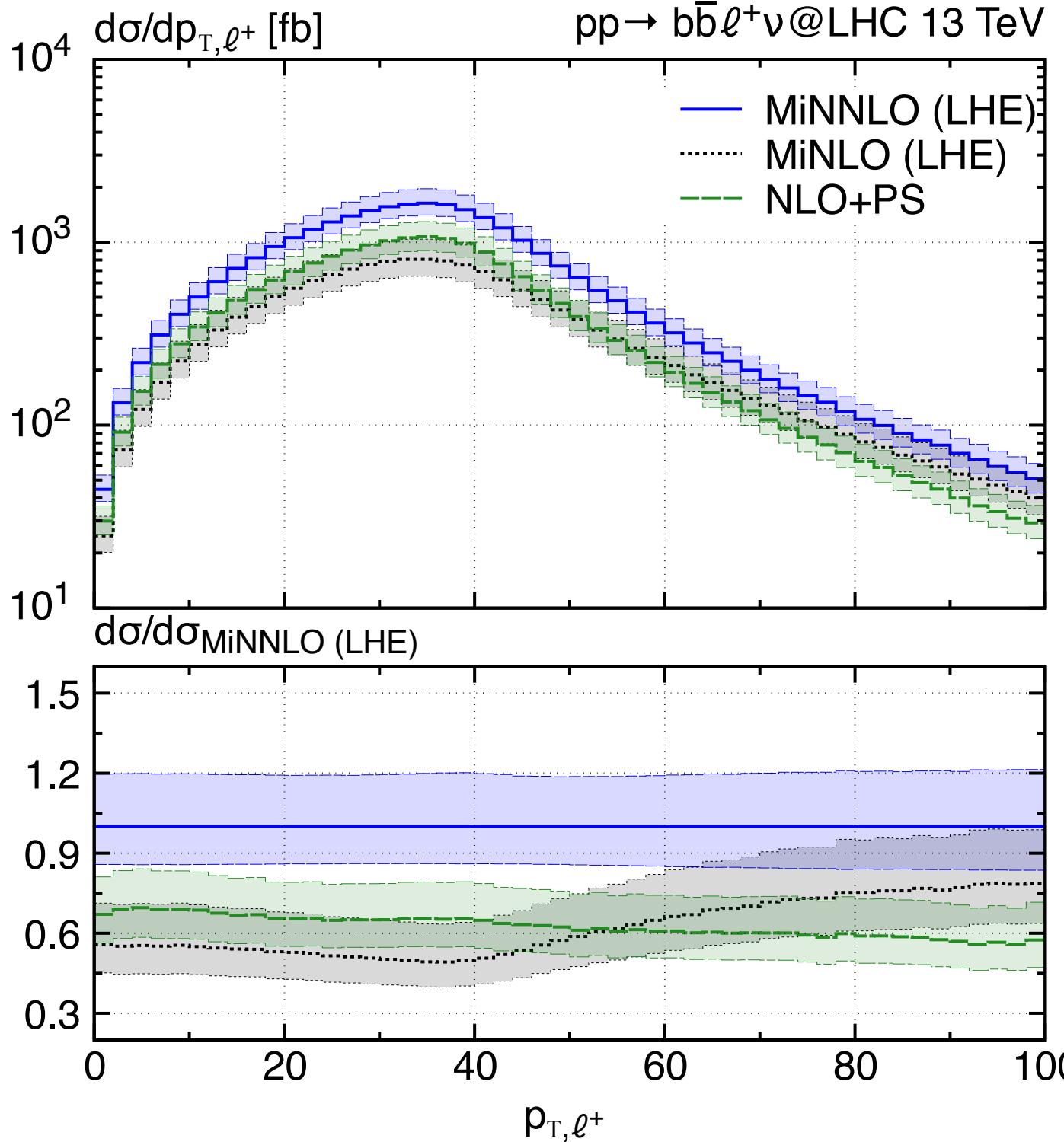


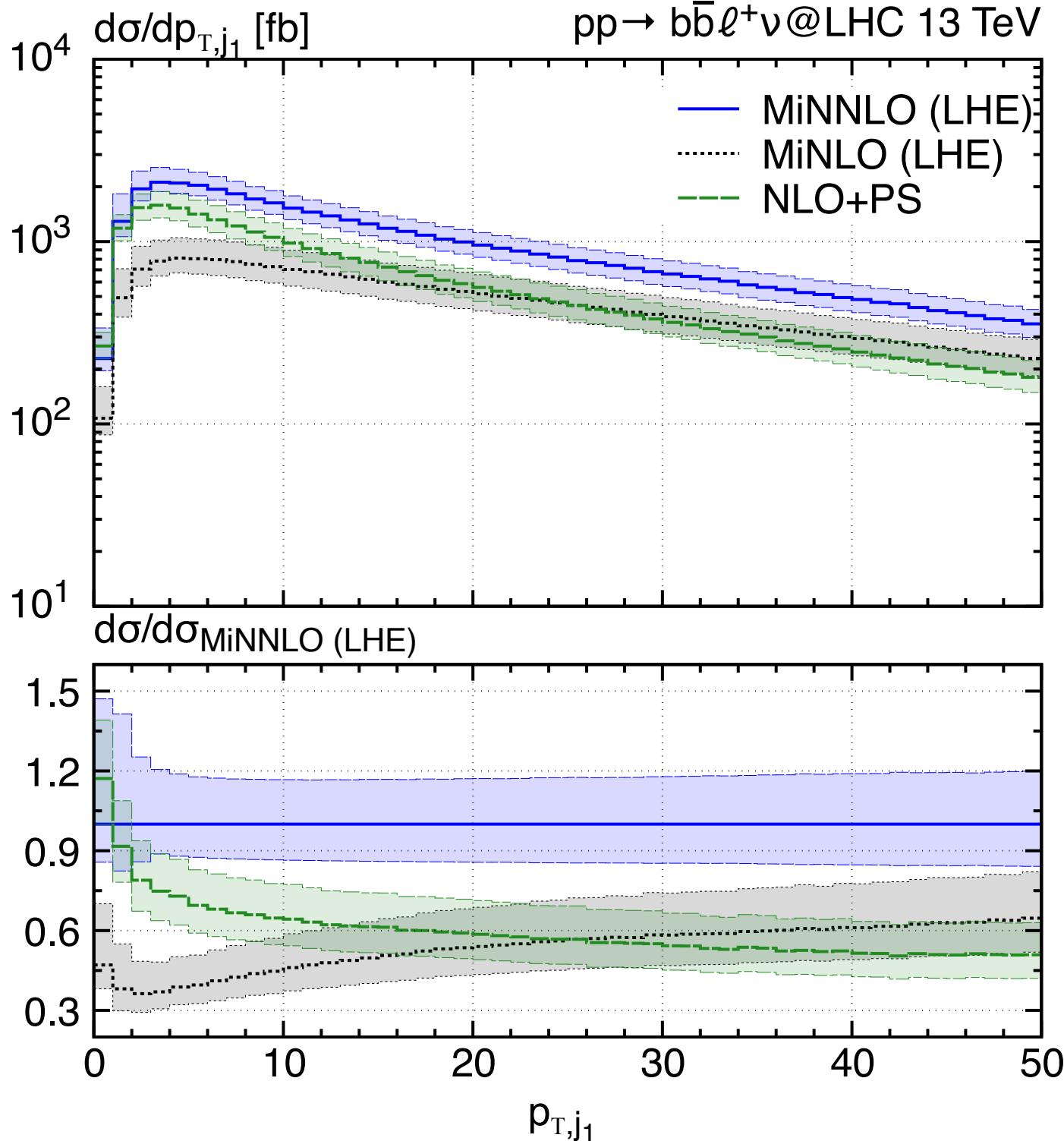


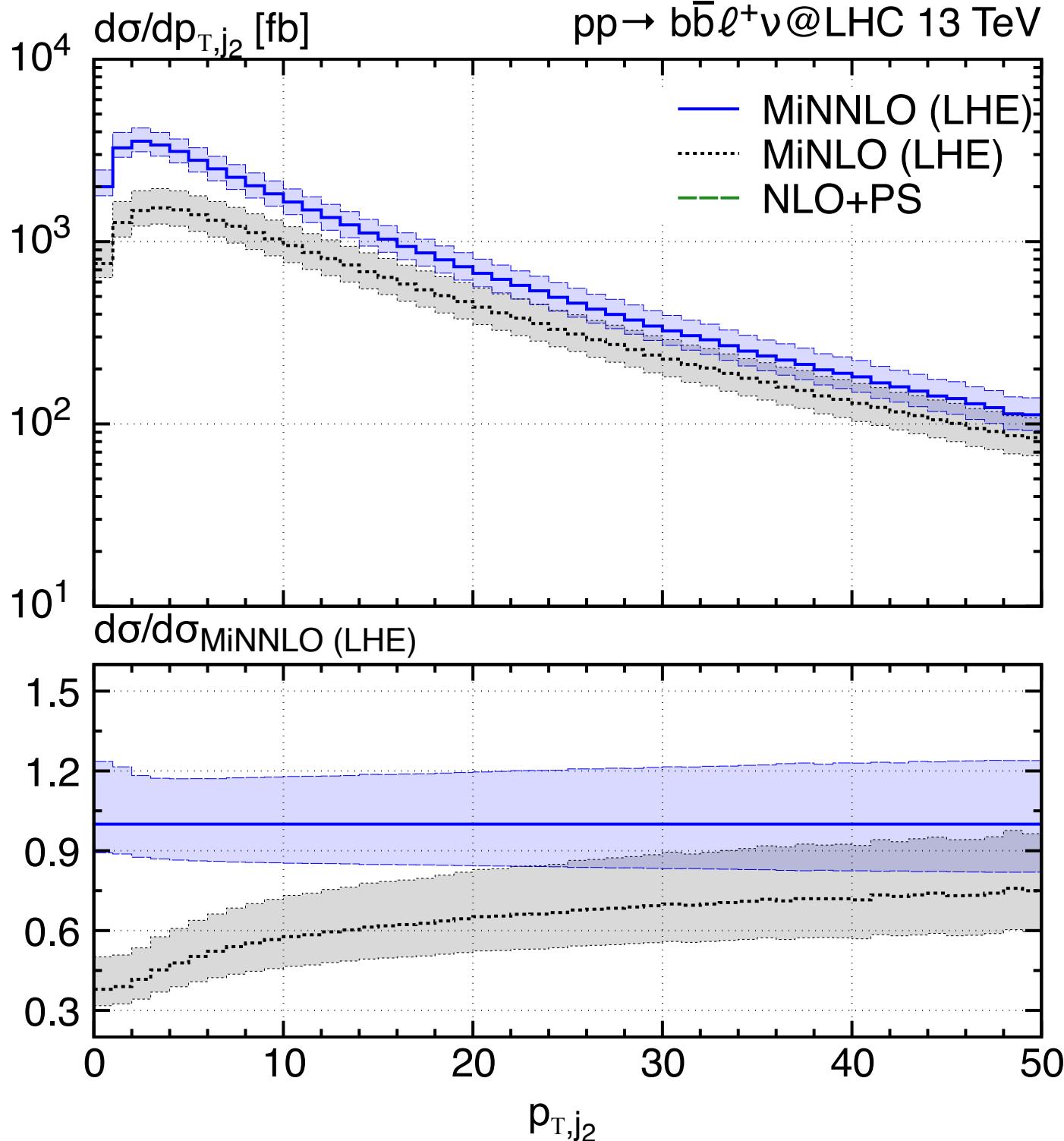




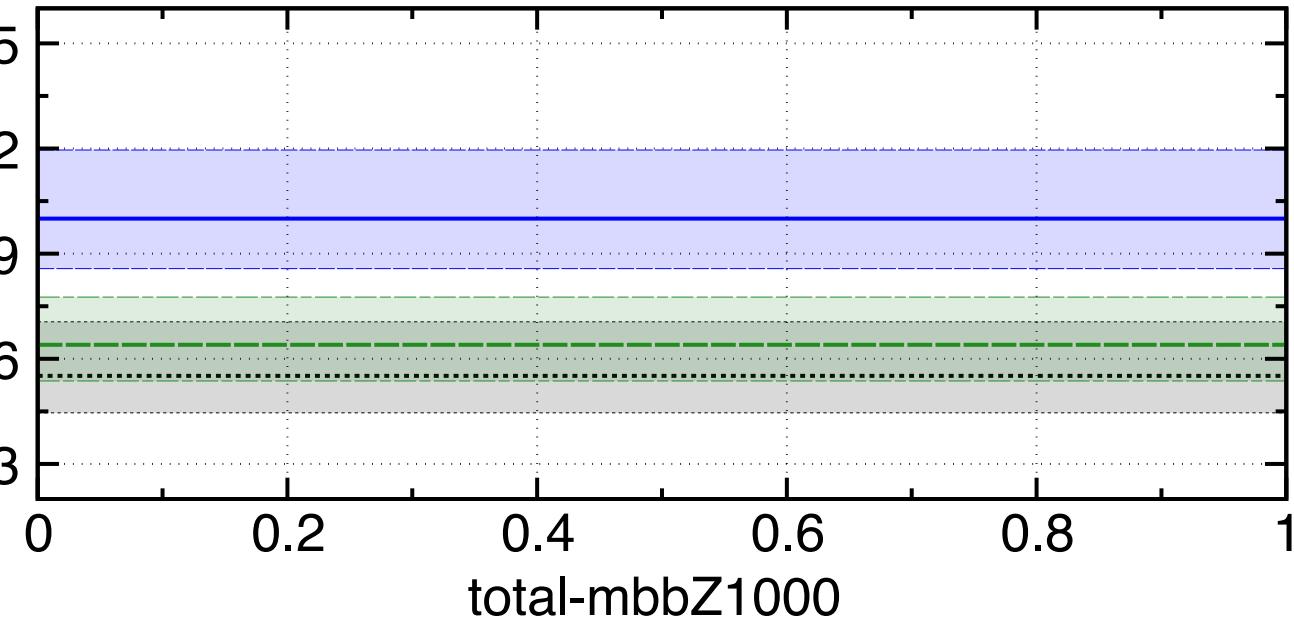
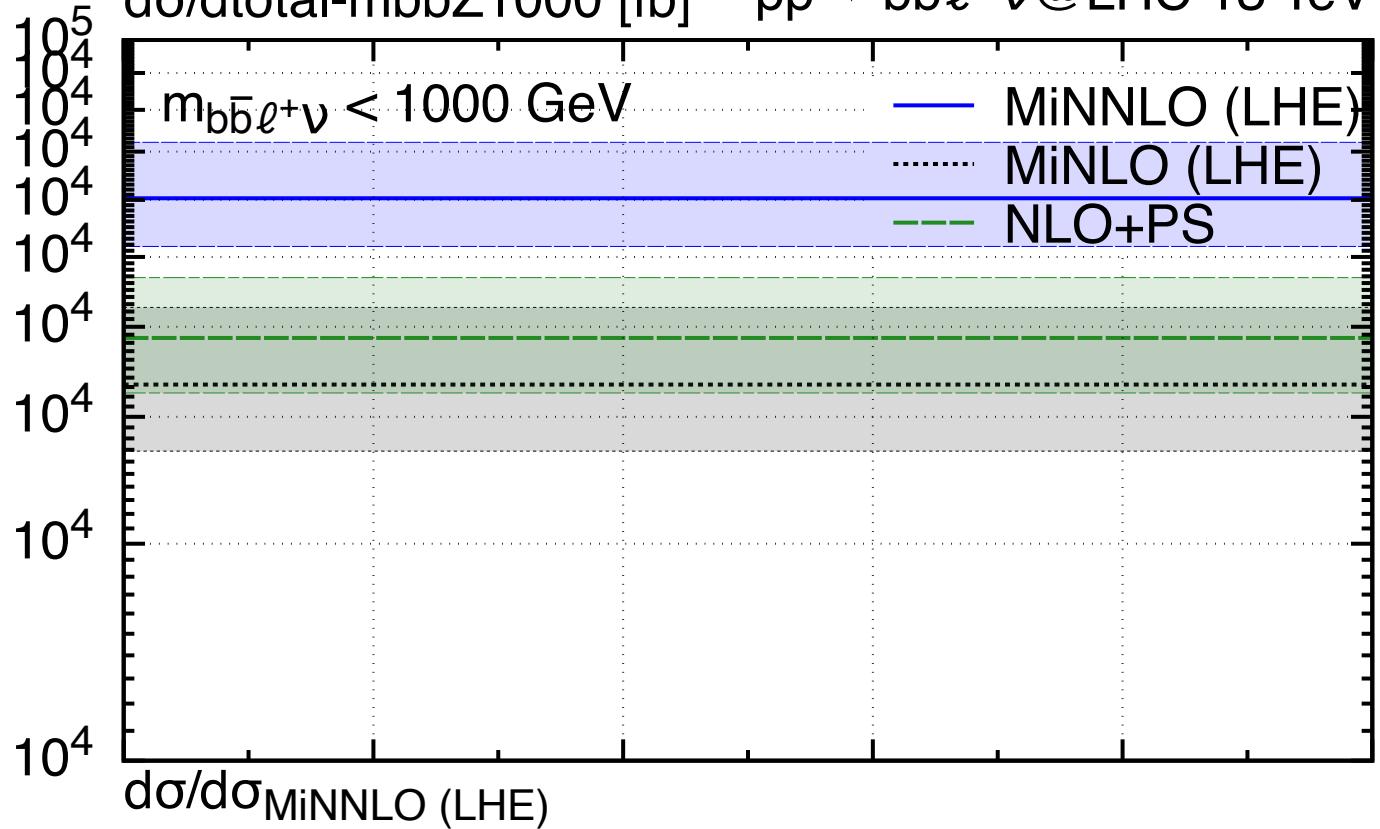


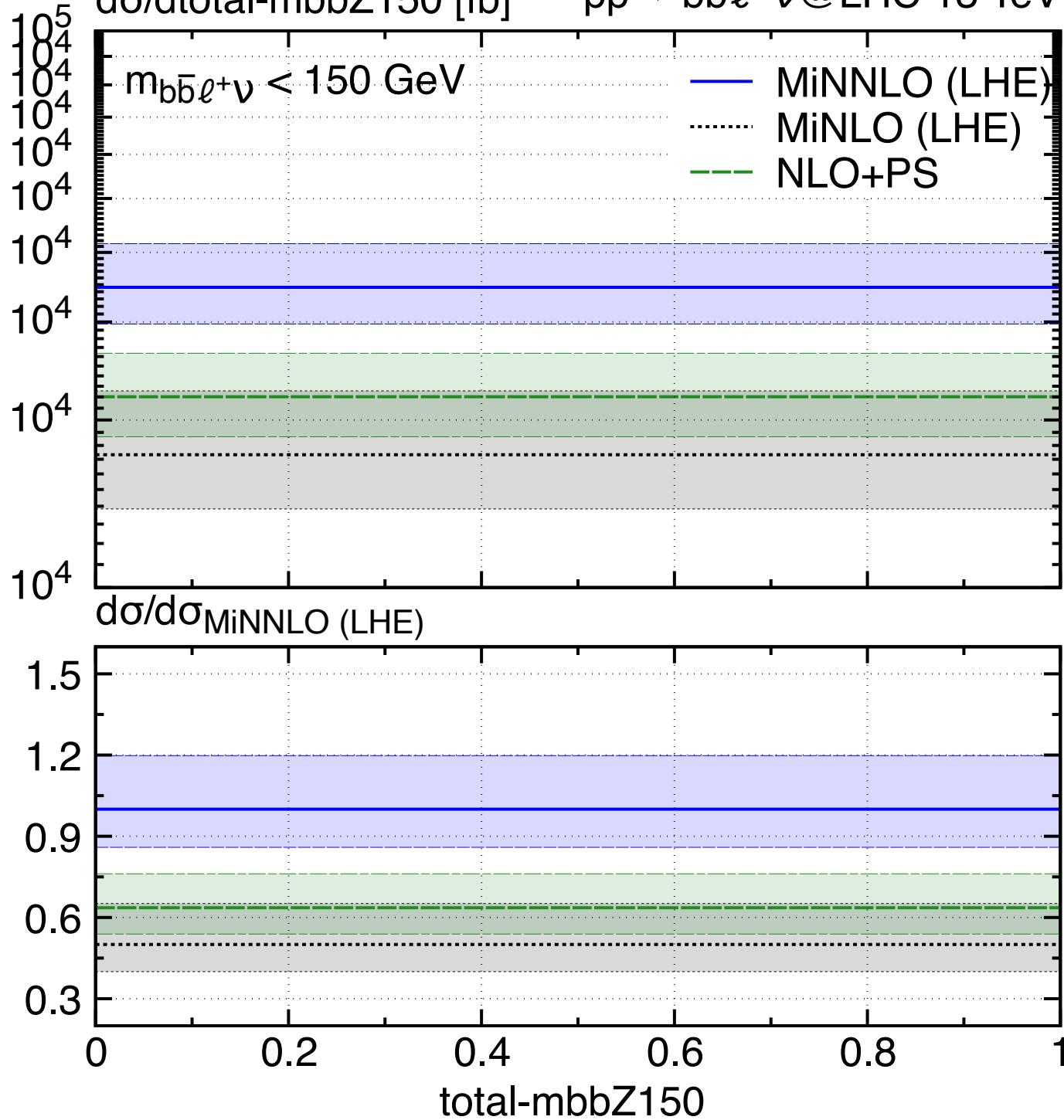


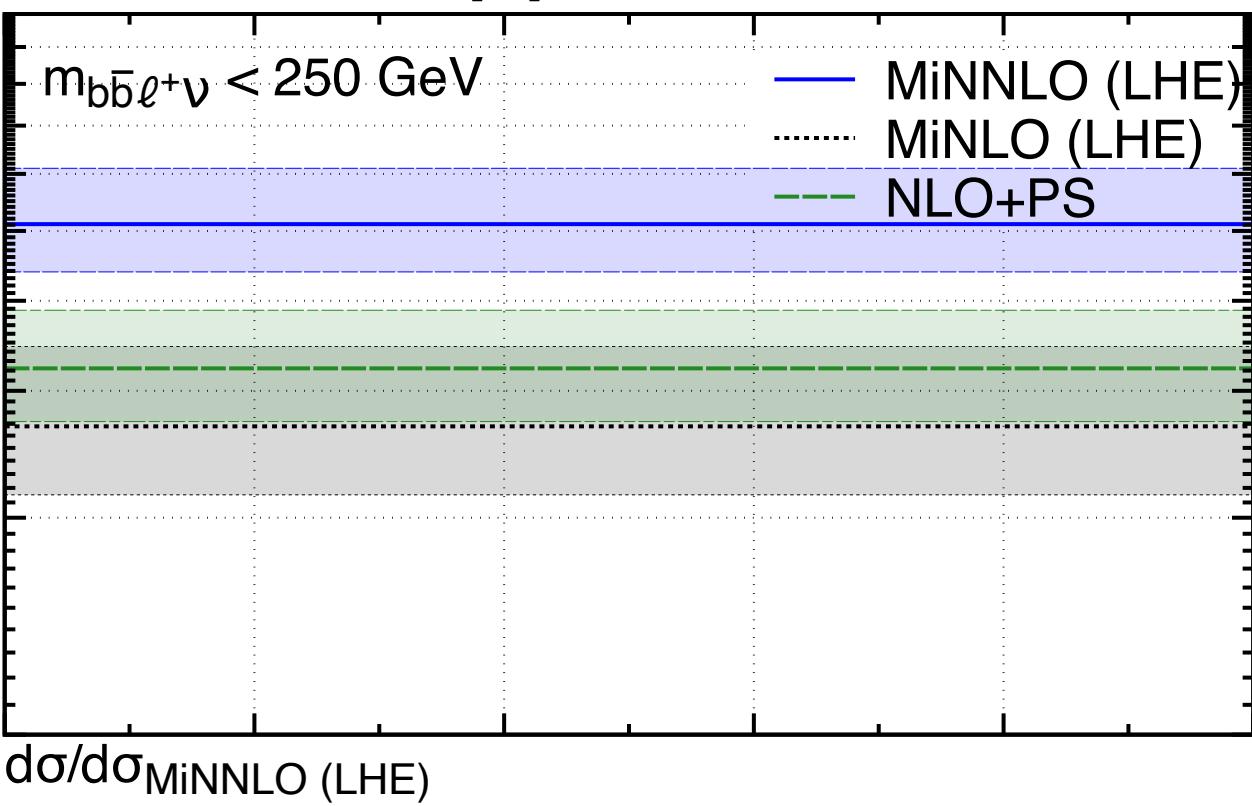
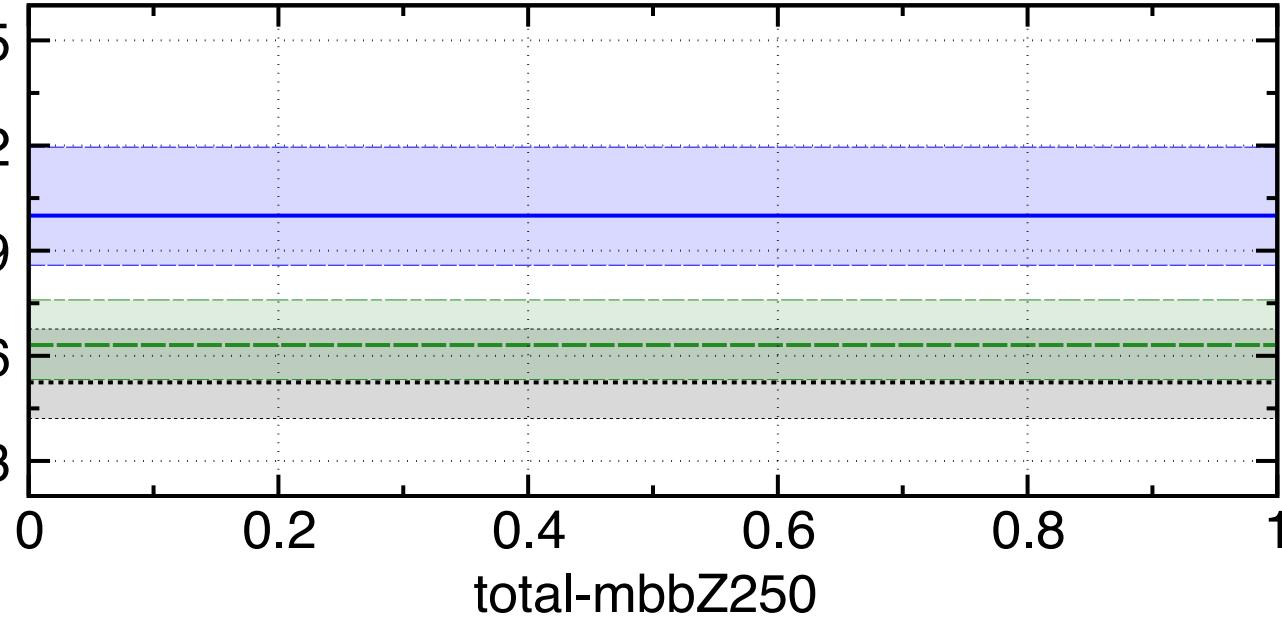


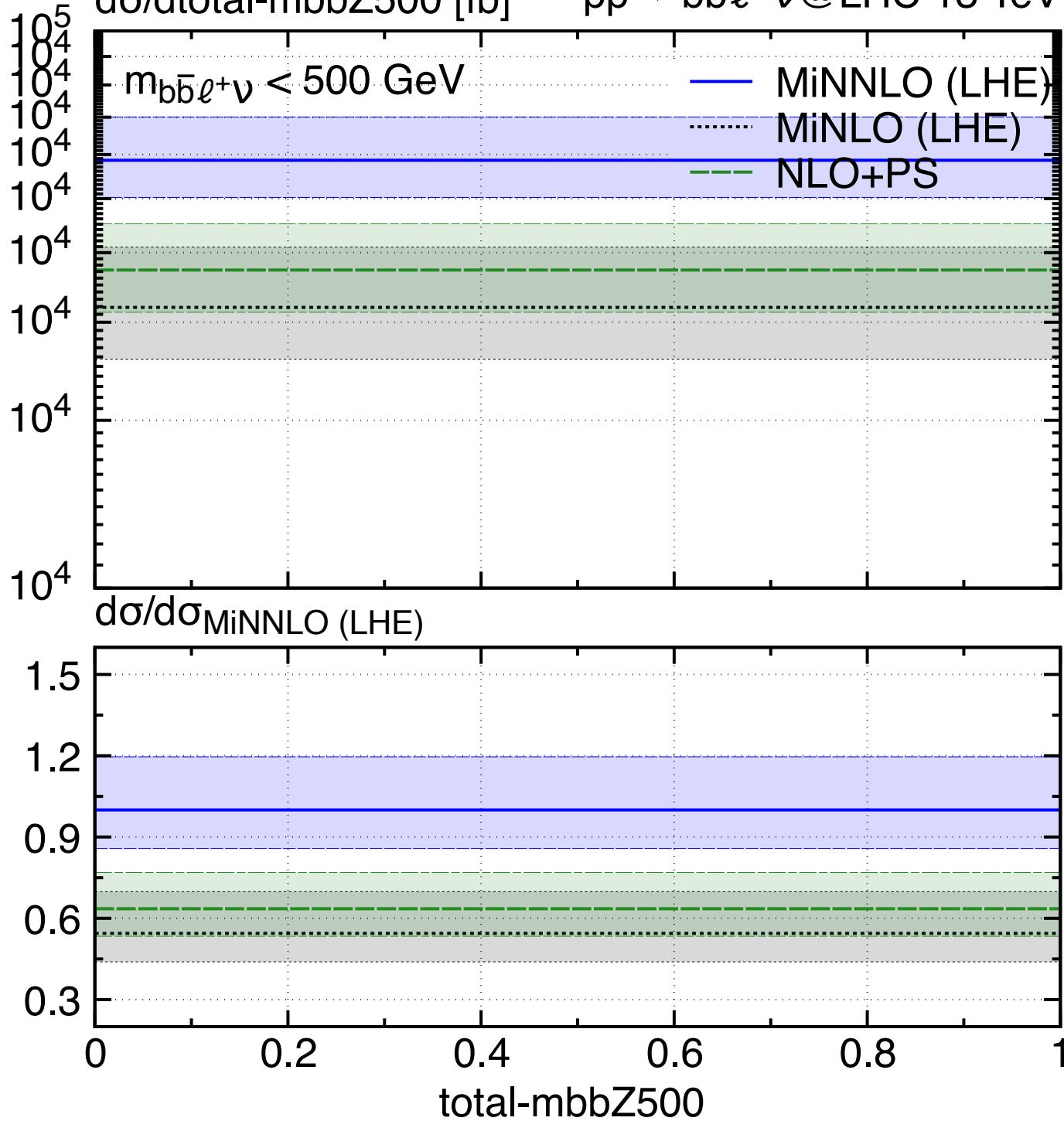


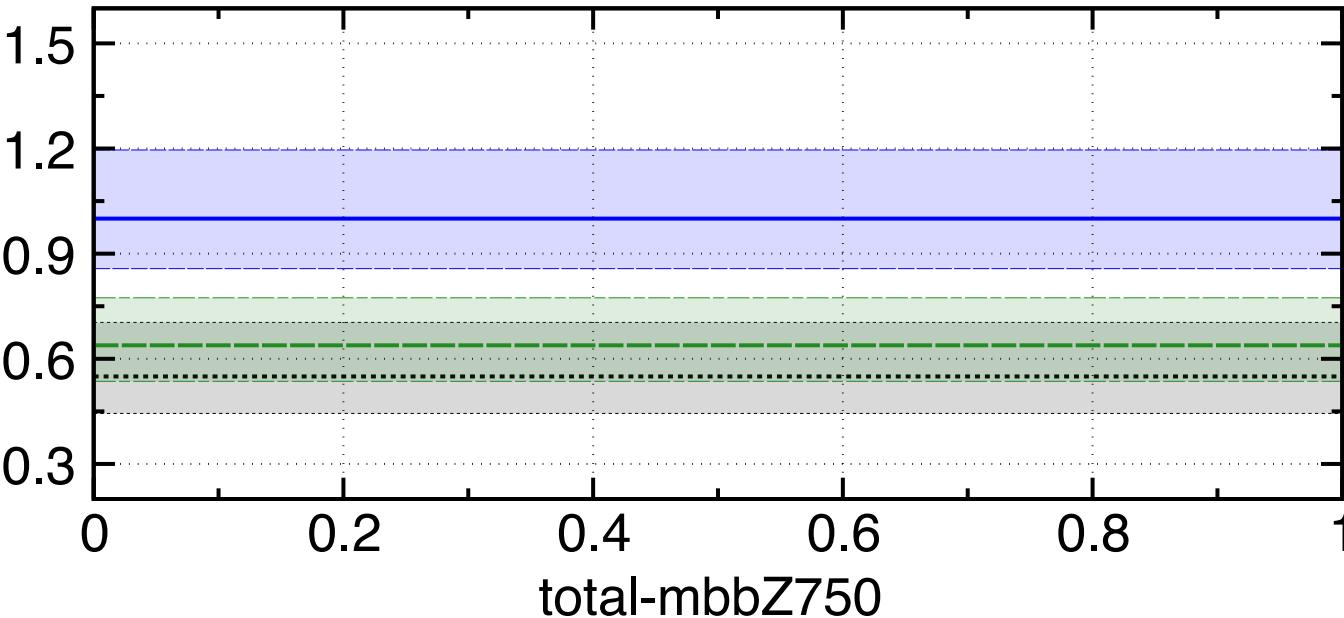
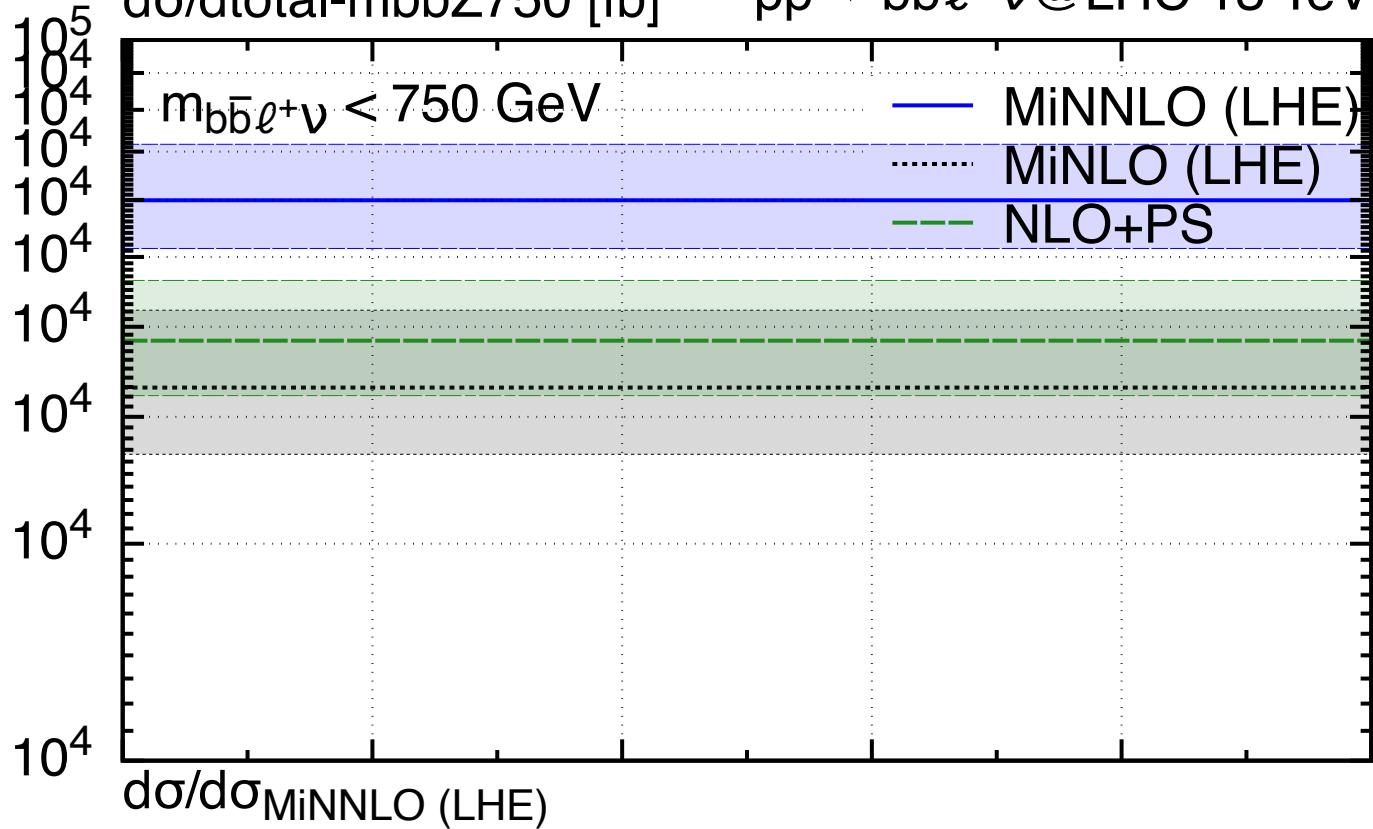
$d\sigma/d\text{total-mbbZ1000}$  [fb]     $\text{pp} \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

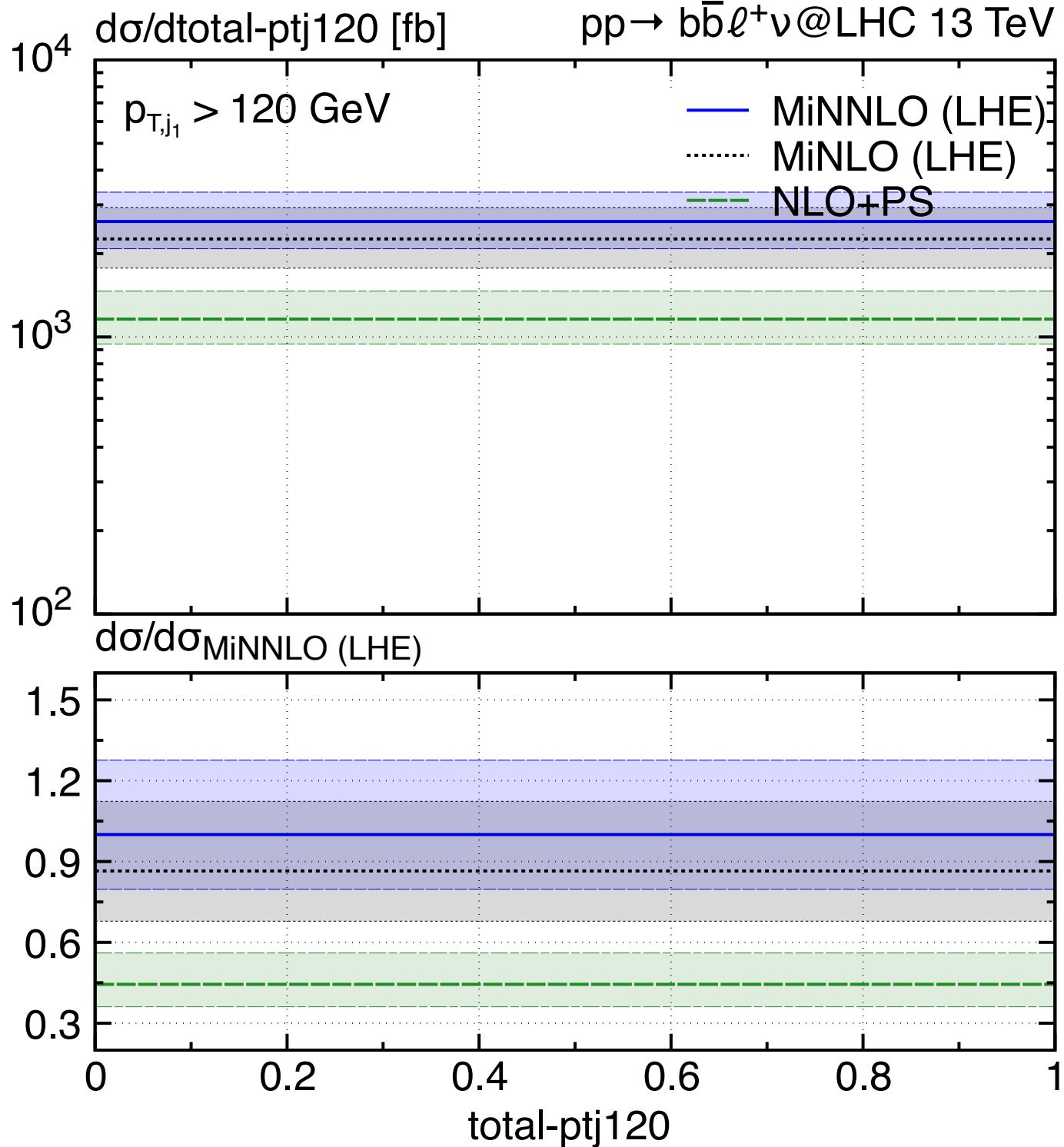


$d\sigma/d\text{total-mbbZ150} [\text{fb}]$  $\text{pp} \rightarrow b\bar{b}\ell^+\nu @ \text{LHC } 13 \text{ TeV}$ 

$d\sigma/d\text{total-mbbZ250} [\text{fb}]$  $\text{pp} \rightarrow b\bar{b}\ell^+\nu @ \text{LHC } 13 \text{ TeV}$  $d\sigma/d\sigma_{\text{MiNNLO (LHE)}}$ 

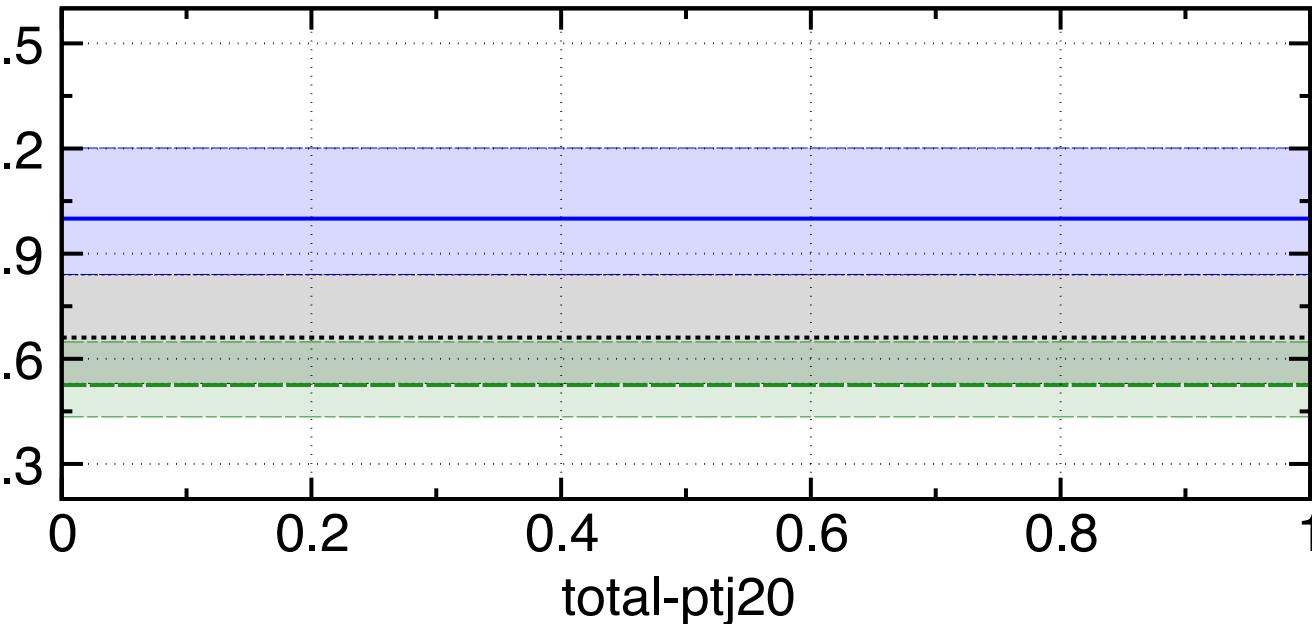
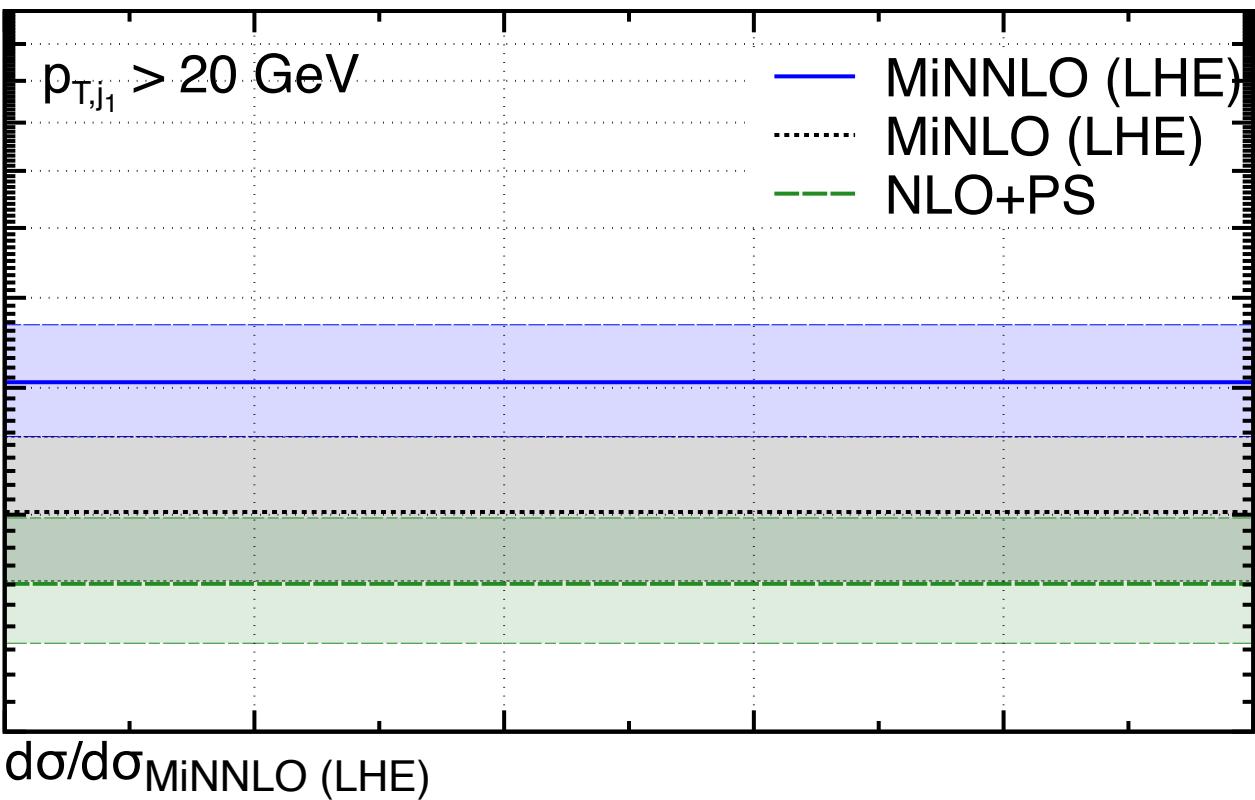
$d\sigma/d\text{total-mbbZ500}$  [fb] $pp \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV

$d\sigma/d\text{total-mbbZ750} [\text{fb}]$  $\text{pp} \rightarrow b\bar{b}\ell^+\nu @ \text{LHC } 13 \text{ TeV}$ 



$d\sigma/d\text{total-ptj20}$  [fb]

$\text{pp} \rightarrow b\bar{b}\ell^+\nu$  @ LHC 13 TeV



$d\sigma/d\text{total-ptj200} [\text{fb}]$  $\text{pp} \rightarrow b\bar{b}\ell^+\nu @ \text{LHC } 13 \text{ TeV}$ 