

W asymmetry studies update

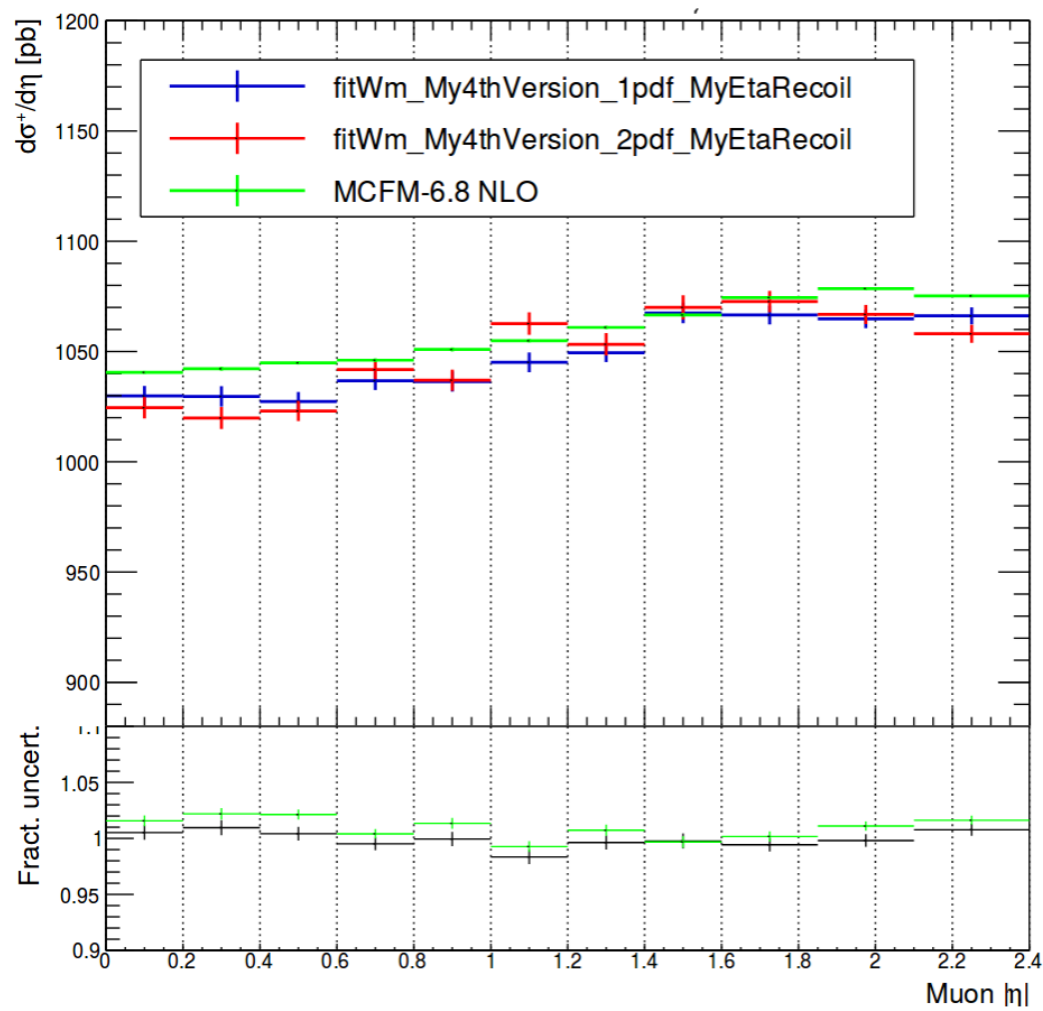
02.04.2019

Results

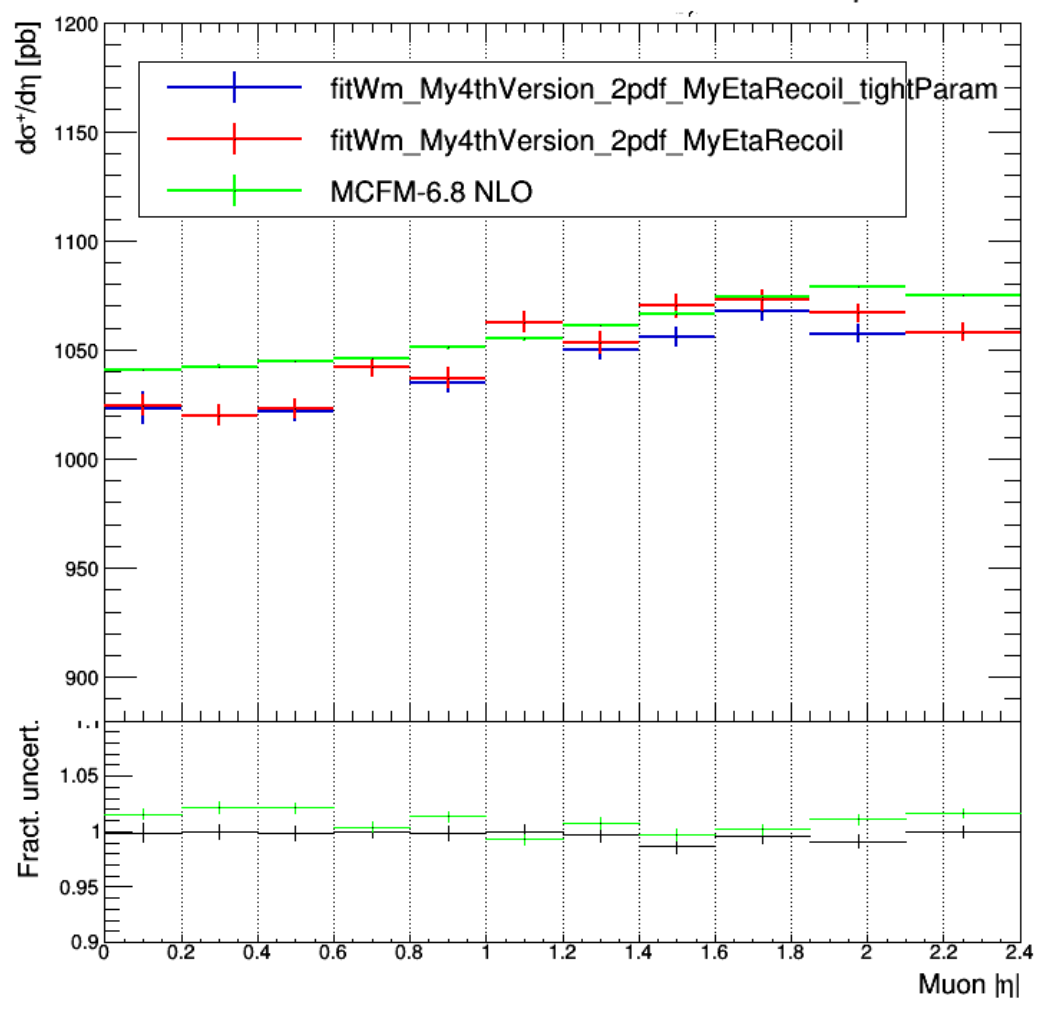
- Comparison to MCFM-6.8 NLO prediction.
- PDF splitting $1 \rightarrow 2$.
- QCD function parameters tightening.
- “Re-recoiling”

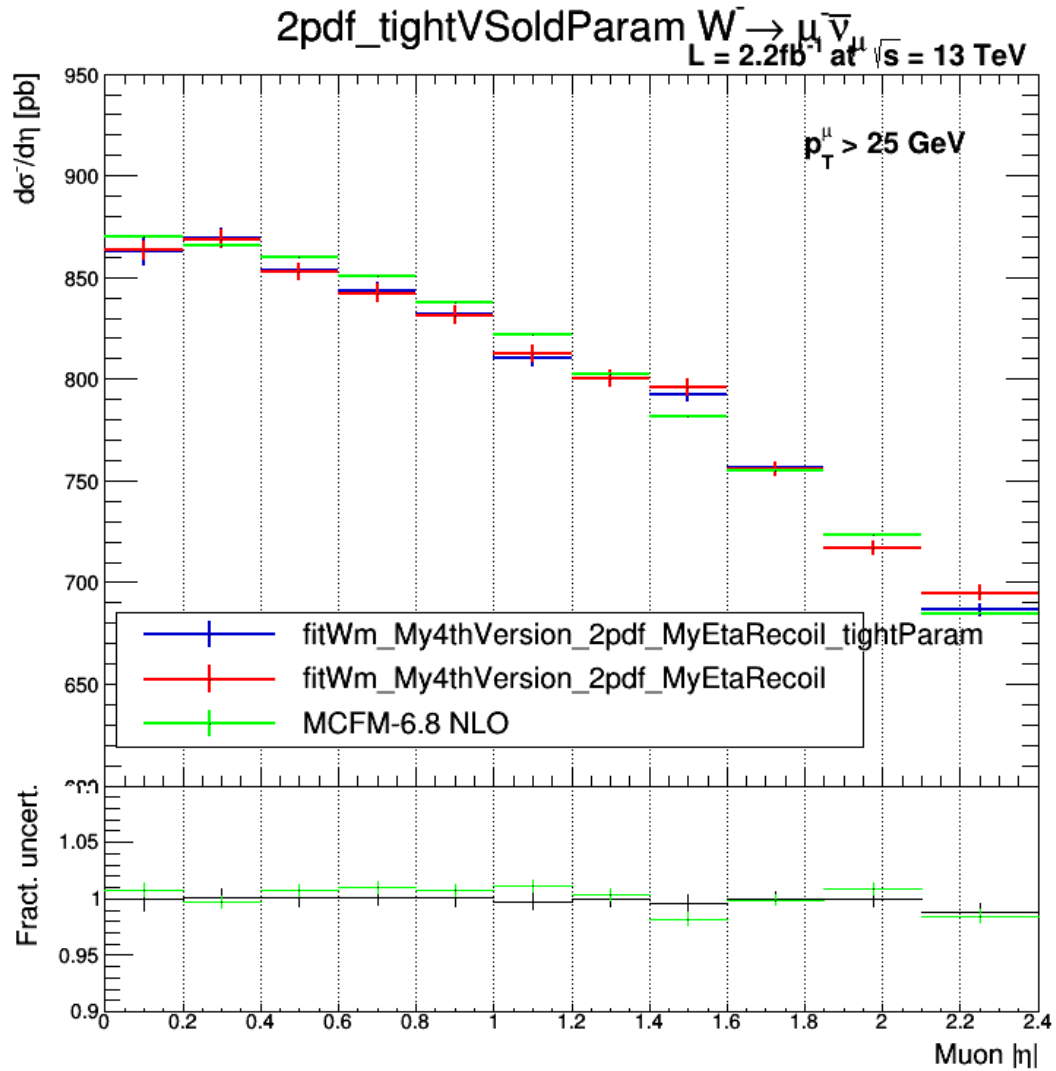
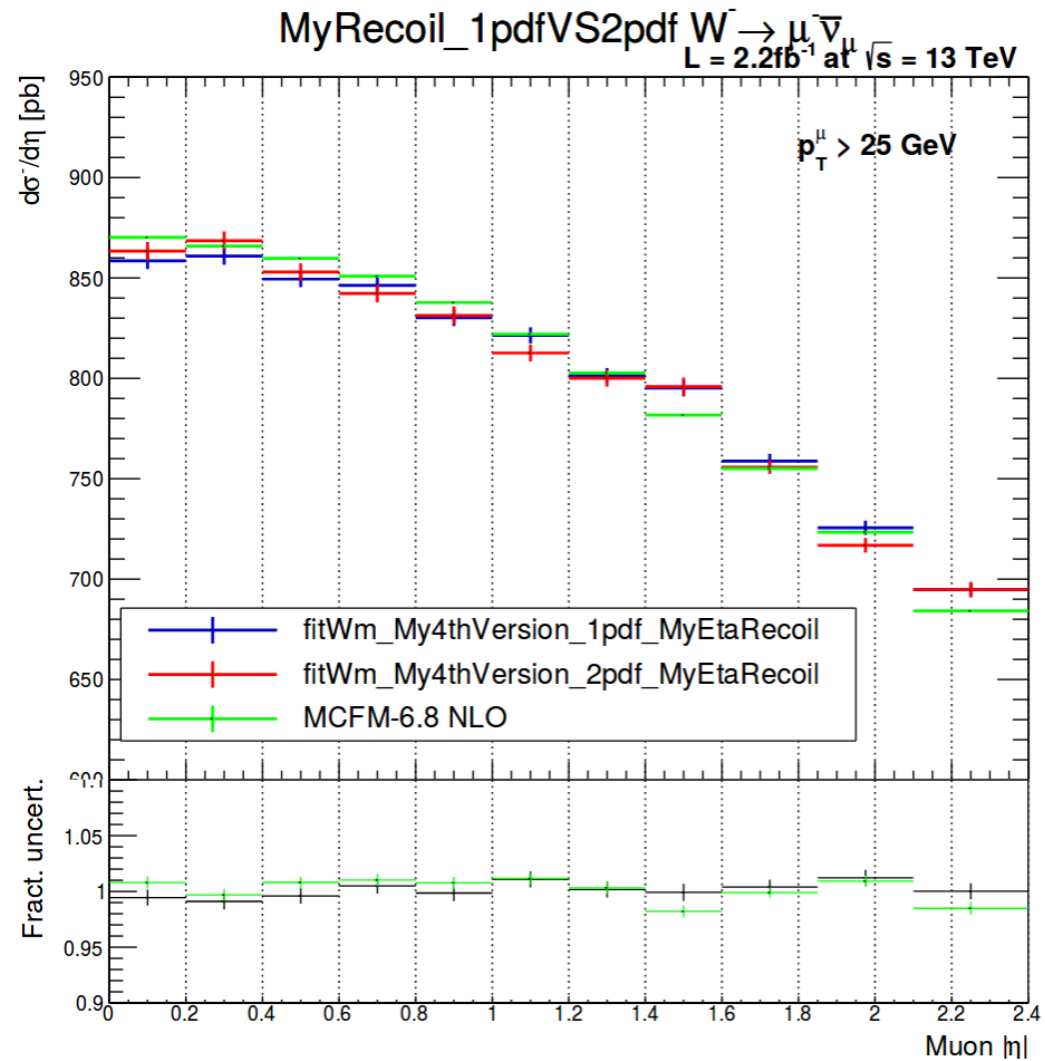
- Eta binned Efficiency.
- Eta binned recoil.
- Two pdfs didn't improve the result.
- Parameters change didn't improve the result.

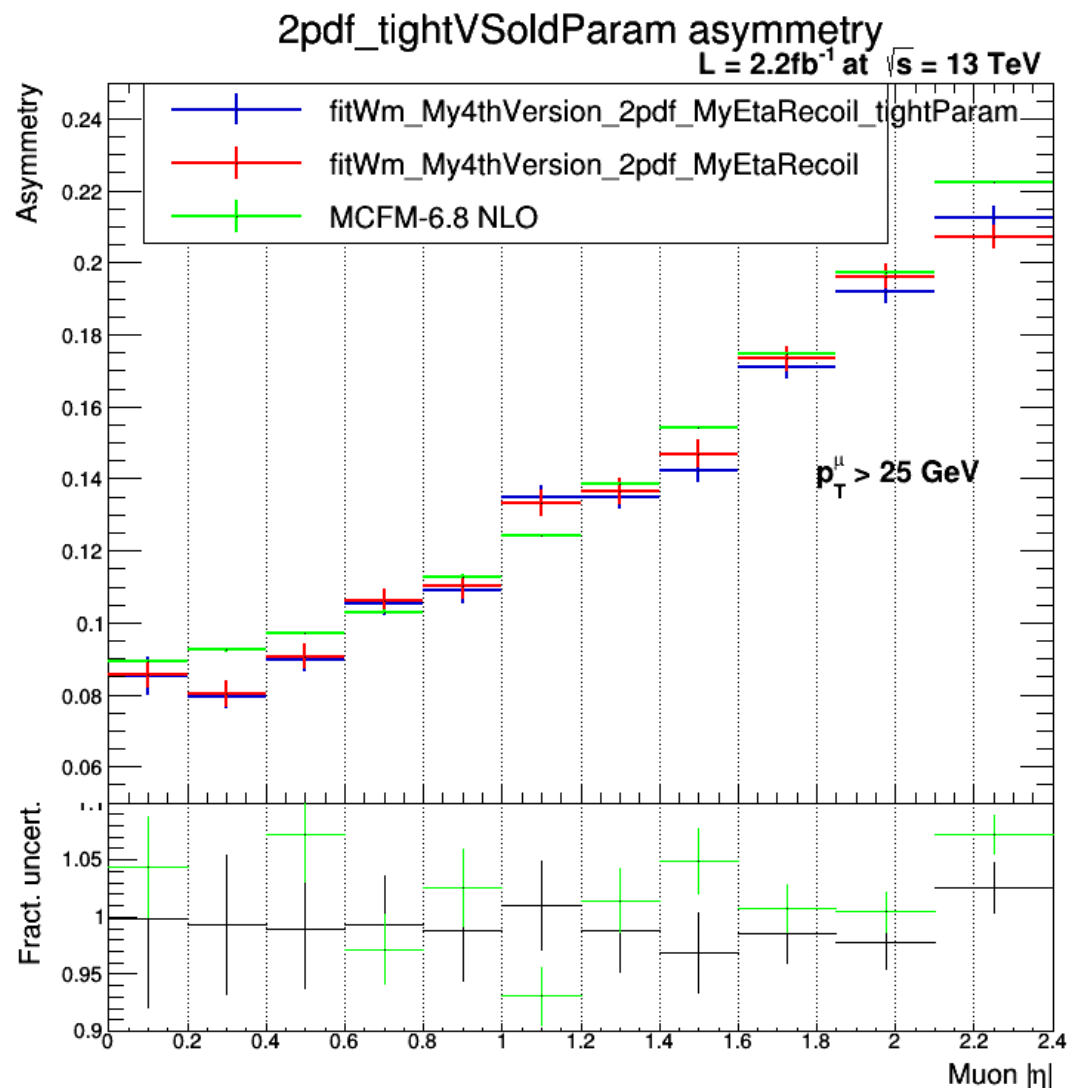
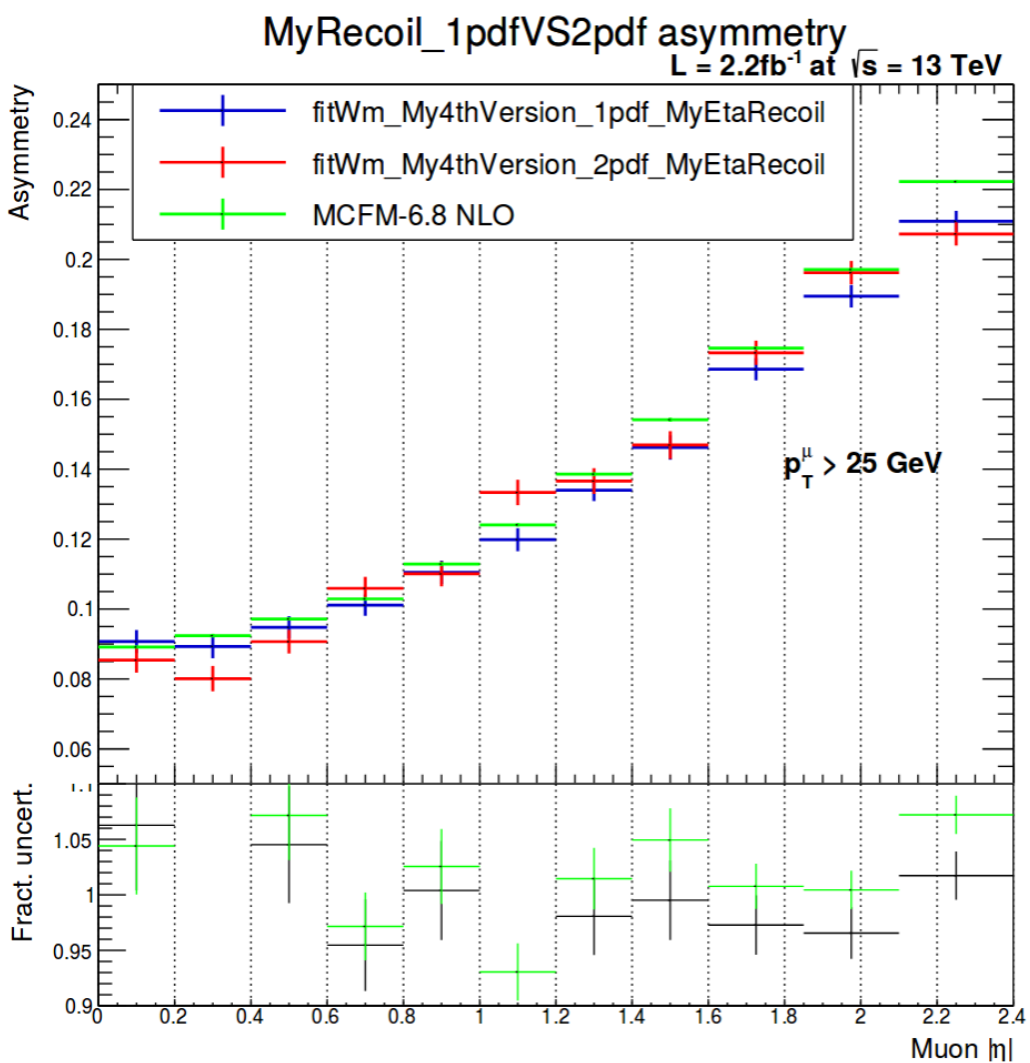
MyRecoil_1pdfVS2pdf $W^+ \rightarrow \mu^+ \nu_\mu$



2pdf_tightVSoldParam $W^+ \rightarrow \mu^+ \nu_\mu$







Modified Eta Recoil

- Eta bins remains the same.
- Pt bins were reduced to hold sufficient number of events.

