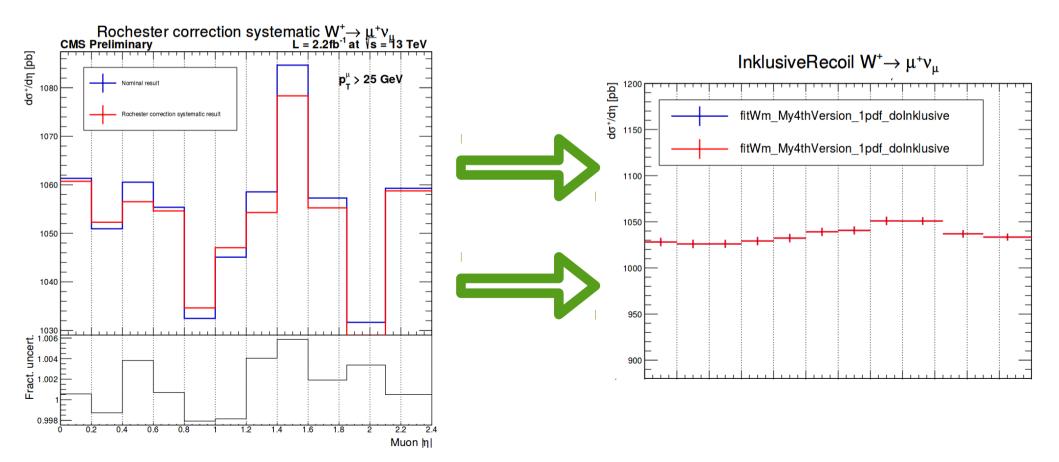
#### W asymmetry studies update

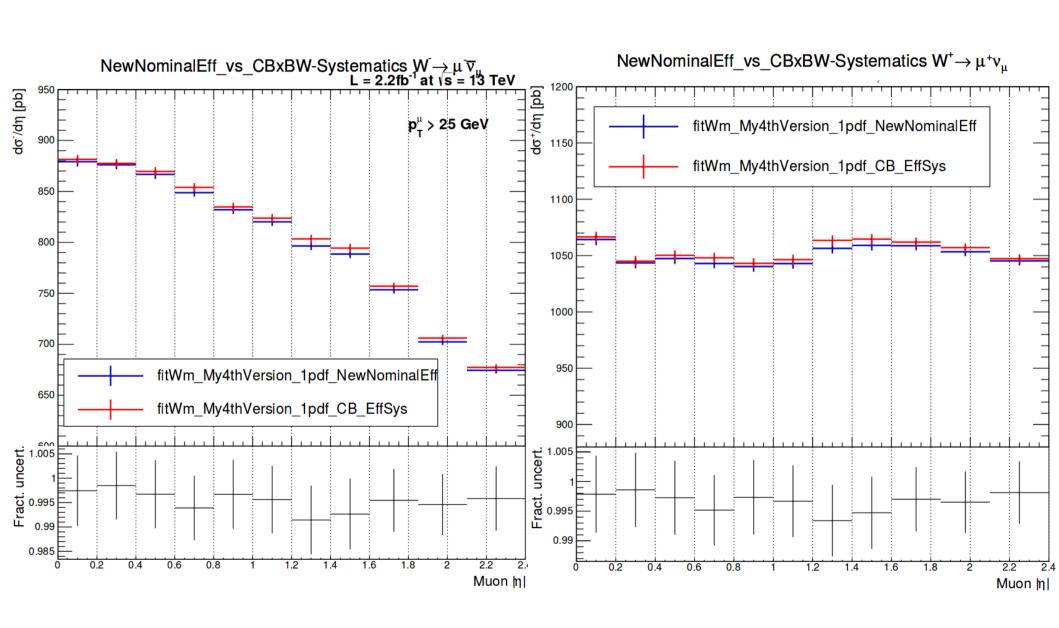
19.03.2019

#### Results

- Cristal Ball systematics done
- New efficiencies: re-binning + note type done
- New acceptance: re-binning done

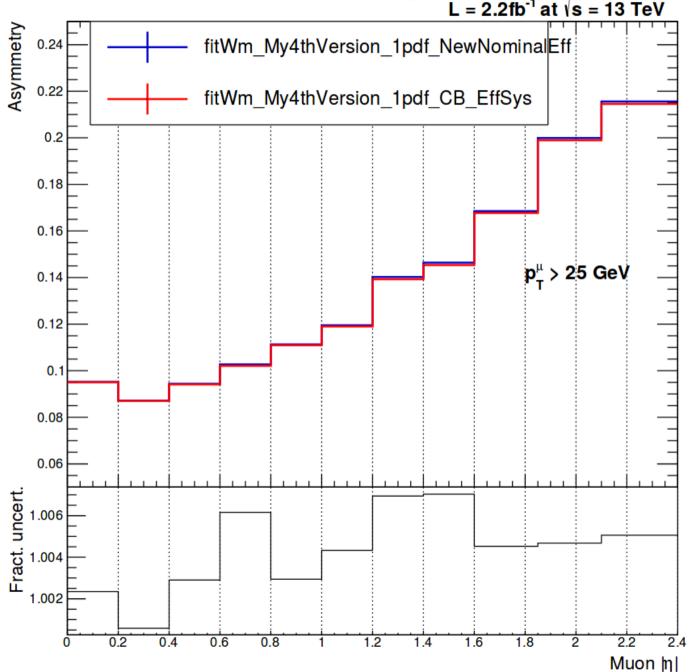


### **CBxBW** systematics

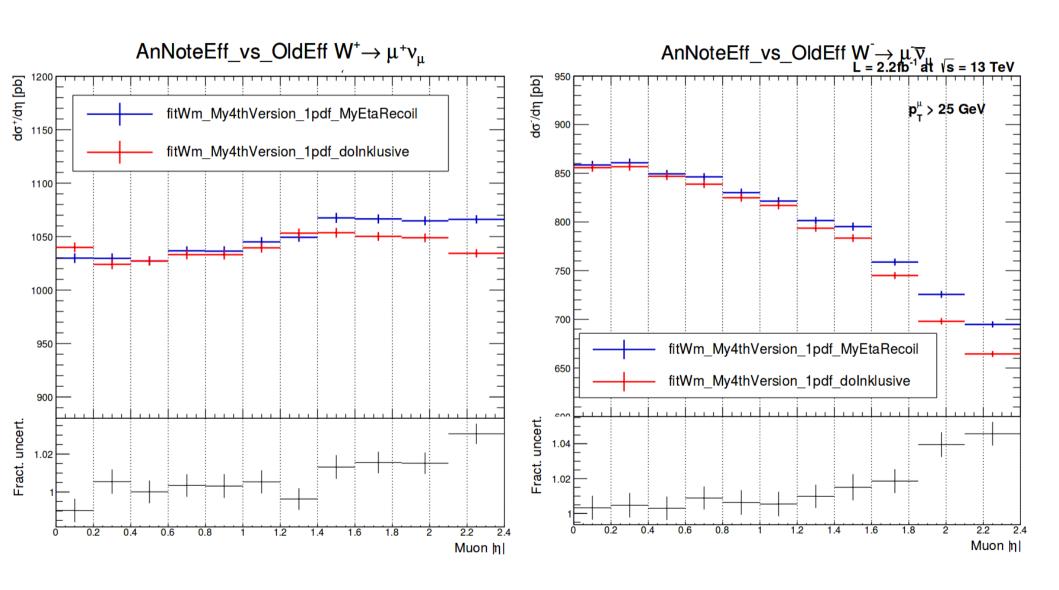


### **CBxBW** systematics

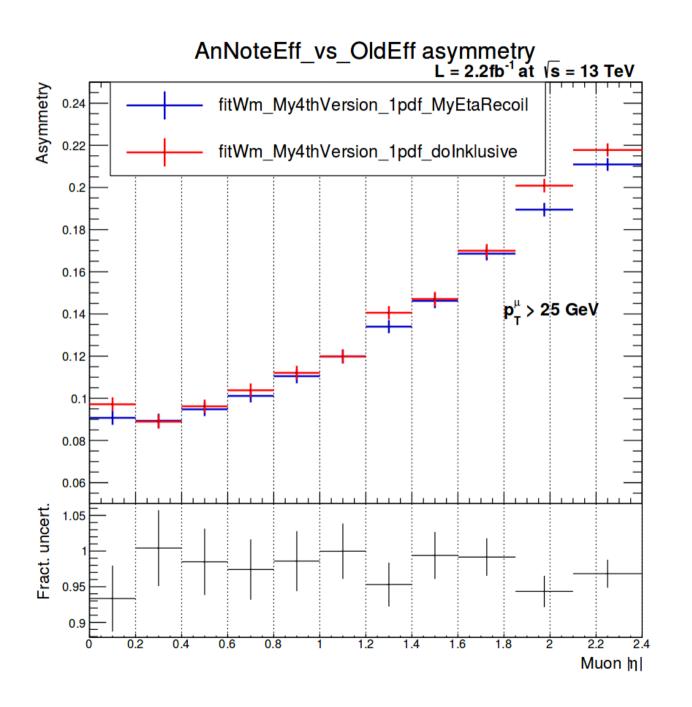
NewNominalEff\_vs\_CBxBW-Systematics asymmetry L = 2.2fb<sup>-1</sup> at √s = 13 TeV



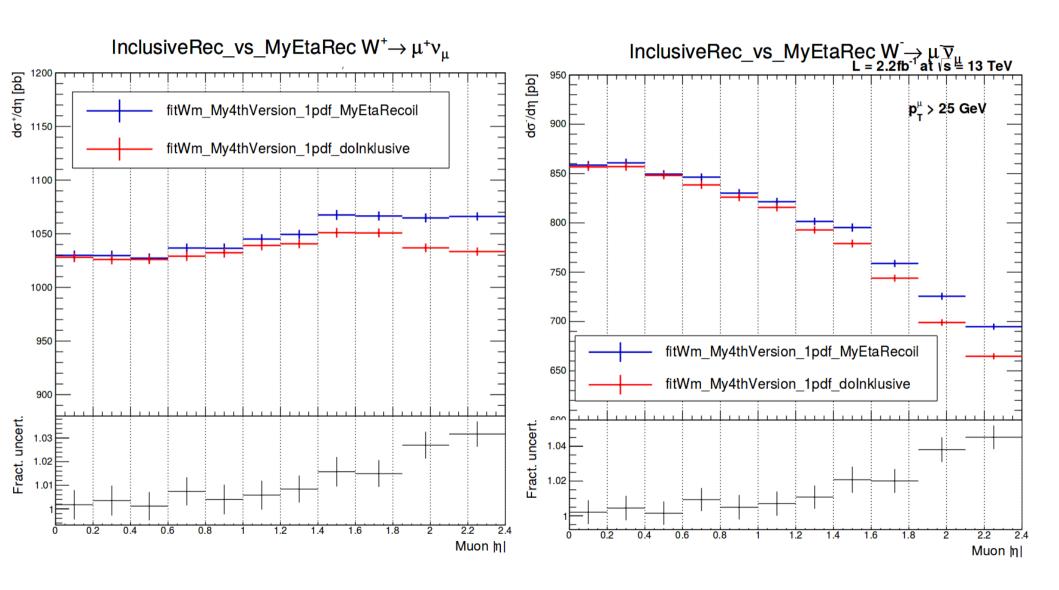
#### **New Efficiencies**



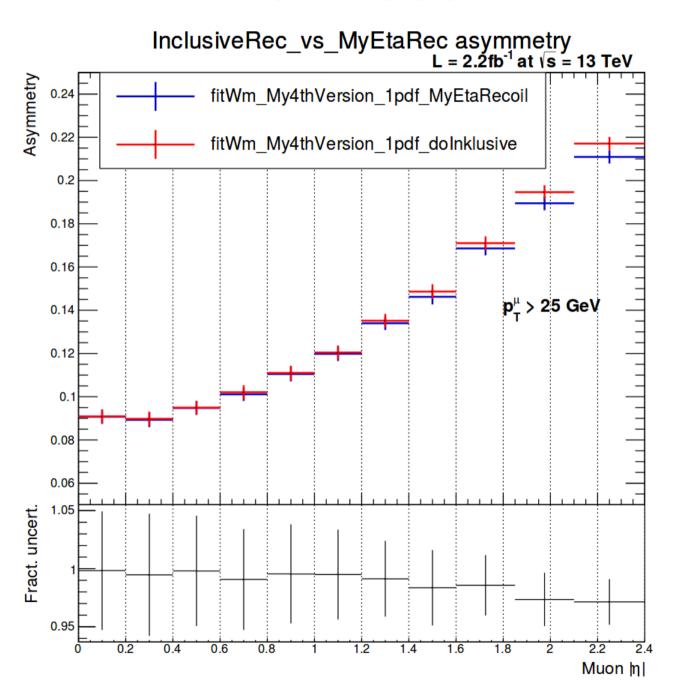
#### **New Efficiencies**



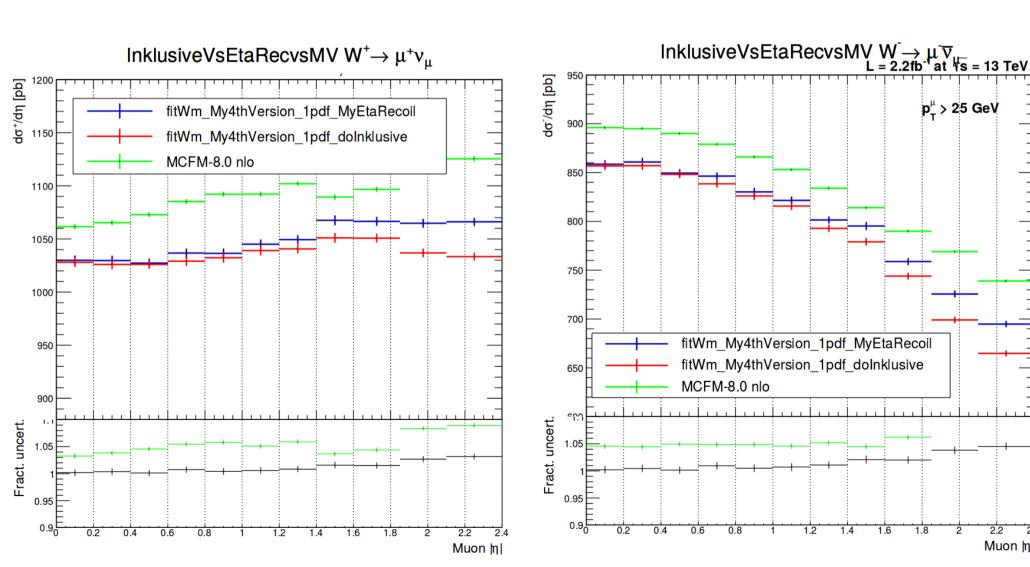
#### New recoil



#### New recoil



# comparison with MC



Muon |η|

# comparison with MC

