

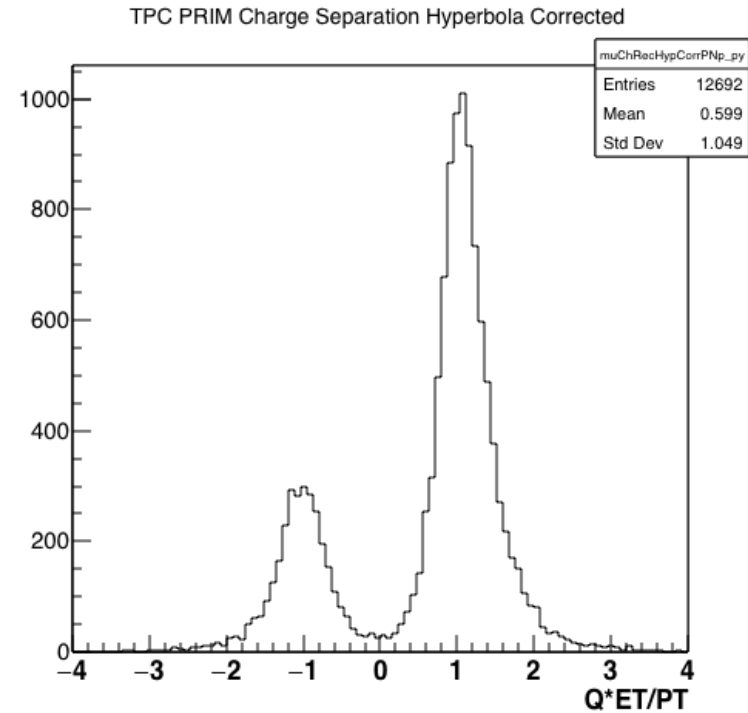
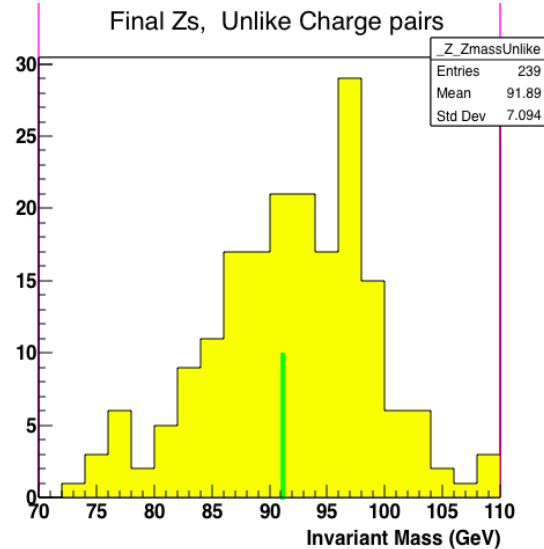
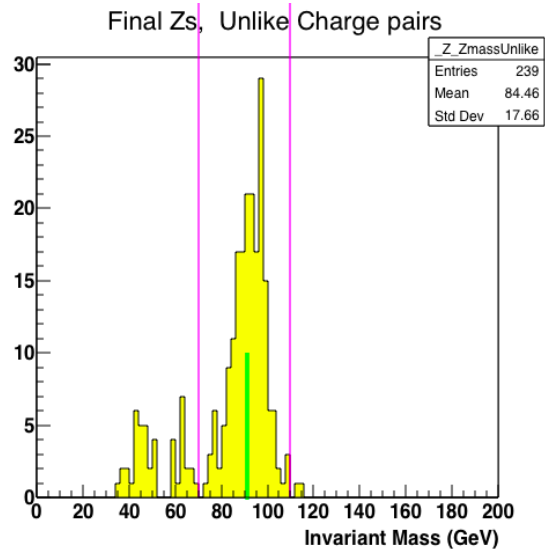
W^+ / W^- ratio analysis

Run 17

Jae D. Nam
Temple Univ.

P20ic

- P20ic: $\int L \simeq 175 \text{ pb}^{-1}$, uniformly spread.
- $\sim 2\%$ higher Z mass
- Good W charge separation



$W^+ E_T$ distribution ($\eta < 0$)

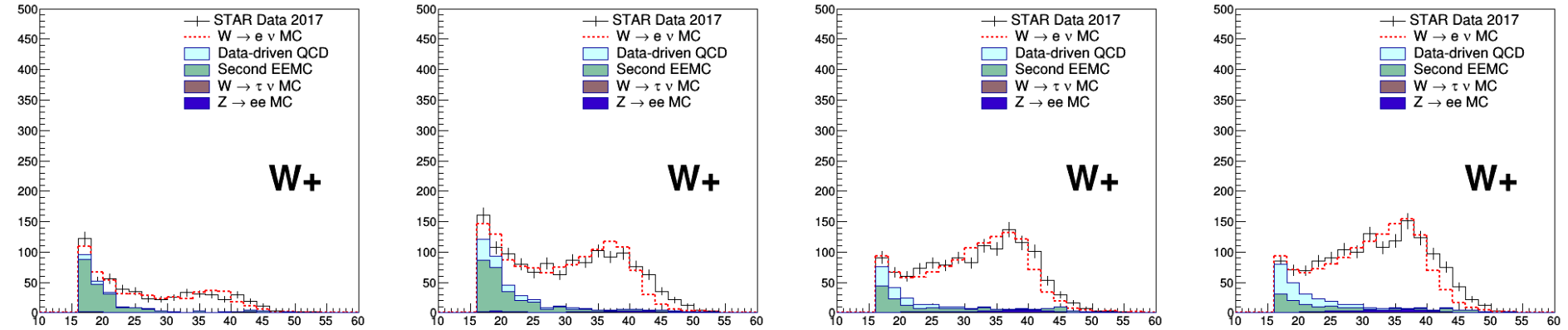
P20ic

Barrel: pos_muclustpTbal_wE: Eta1 E_T (GeV)

Barrel: pos_muclustpTbal_wE: Eta2 E_T (GeV)

Barrel: pos_muclustpTbal_wE: Eta3 E_T (GeV)

Barrel: pos_muclustpTbal_wE: Eta4 E_T (GeV)



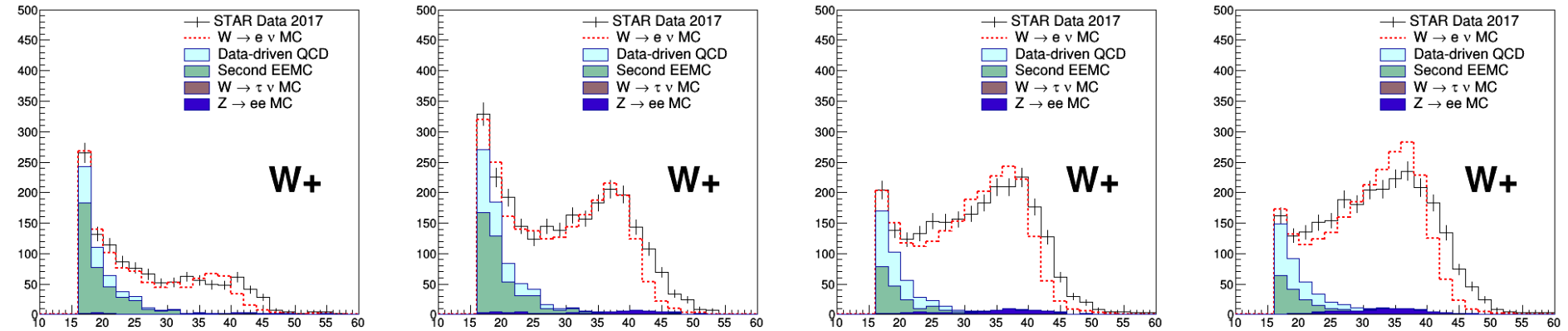
P20ia

Barrel: pos_muclustpTbal_wE: Eta1 E_T (GeV)

Barrel: pos_muclustpTbal_wE: Eta2 E_T (GeV)

Barrel: pos_muclustpTbal_wE: Eta3 E_T (GeV)

Barrel: pos_muclustpTbal_wE: Eta4 E_T (GeV)



$W^+ E_T$ distribution ($\eta > 0$)

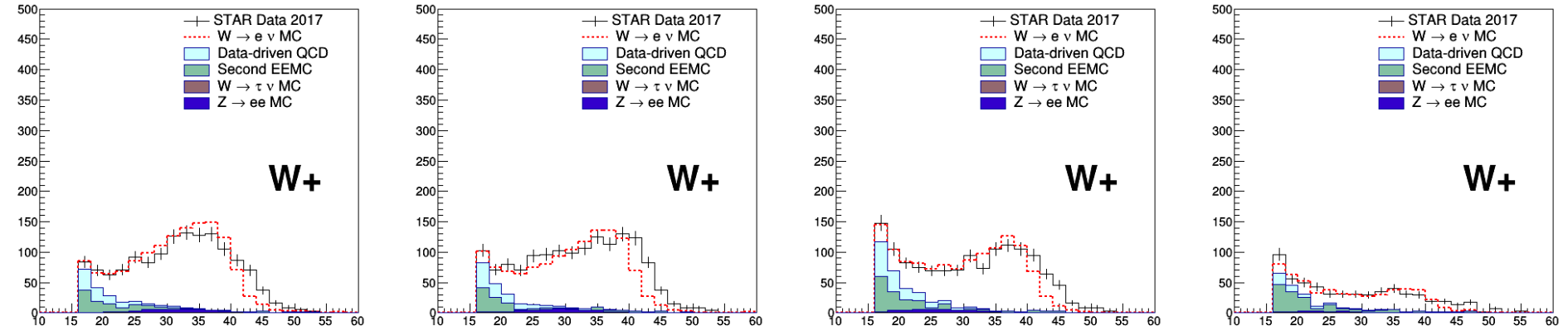
P20ic

Barrel: pos_muclustpTbal_wE: Eta5 E_T (GeV)

Barrel: pos_muclustpTbal_wE: Eta6 E_T (GeV)

Barrel: pos_muclustpTbal_wE: Eta7 E_T (GeV)

Barrel: pos_muclustpTbal_wE: Eta8 E_T (GeV)



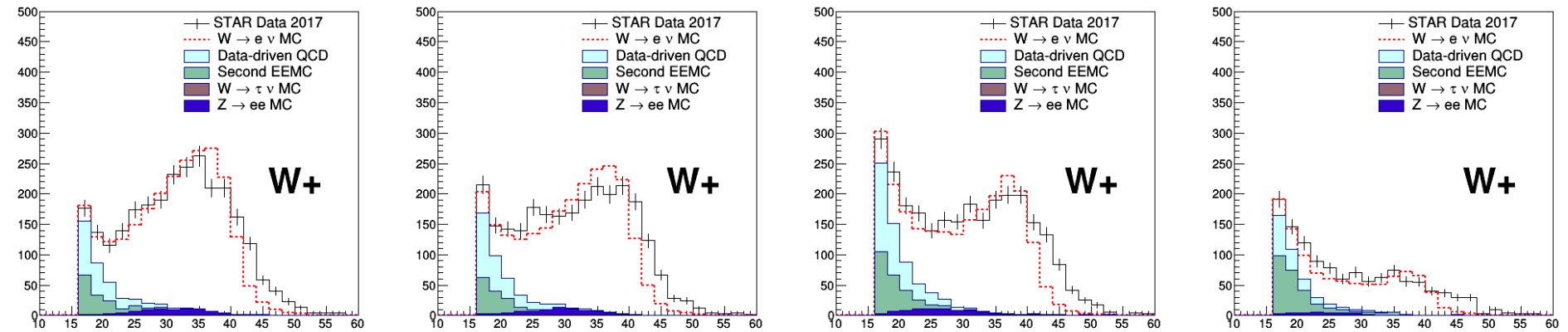
P20ia

Barrel: pos_muclustpTbal_wE: Eta5 E_T (GeV)

Barrel: pos_muclustpTbal_wE: Eta6 E_T (GeV)

Barrel: pos_muclustpTbal_wE: Eta7 E_T (GeV)

Barrel: pos_muclustpTbal_wE: Eta8 E_T (GeV)



$W^- E_T$ distribution ($\eta < 0$)

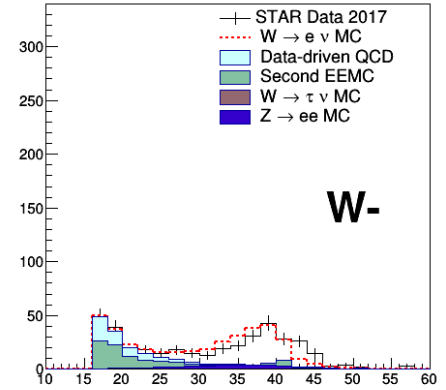
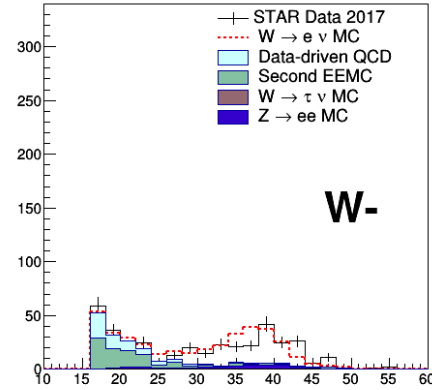
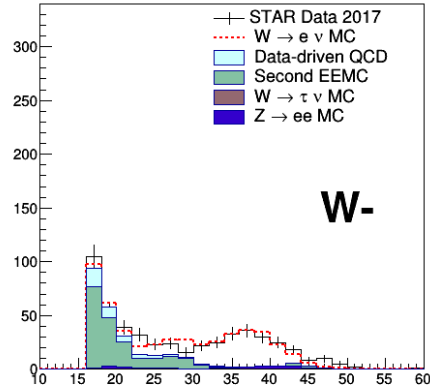
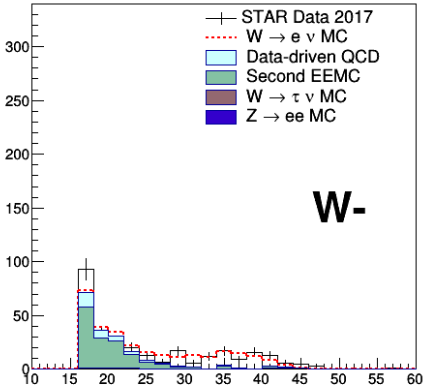
P20ic

Barrel: neg_muclustpTbal_wE: Eta1 E_T (GeV)

Barrel: neg_muclustpTbal_wE: Eta2 E_T (GeV)

Barrel: neg_muclustpTbal_wE: Eta3 E_T (GeV)

Barrel: neg_muclustpTbal_wE: Eta4 E_T (GeV)



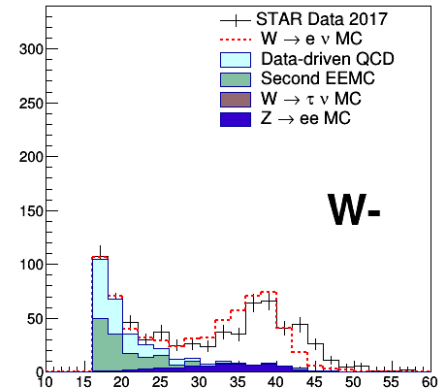
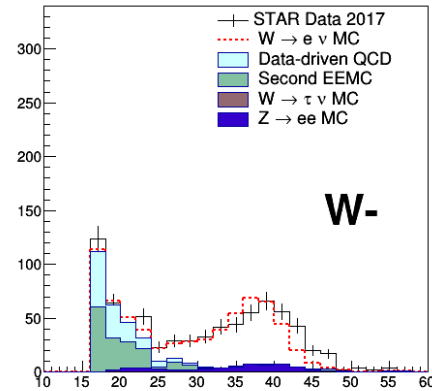
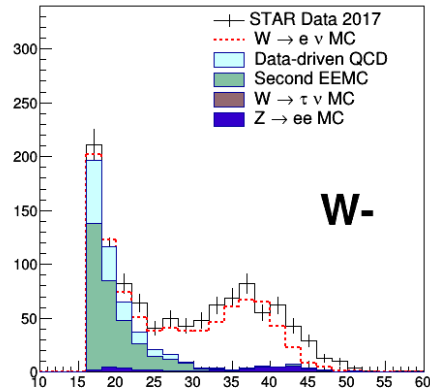
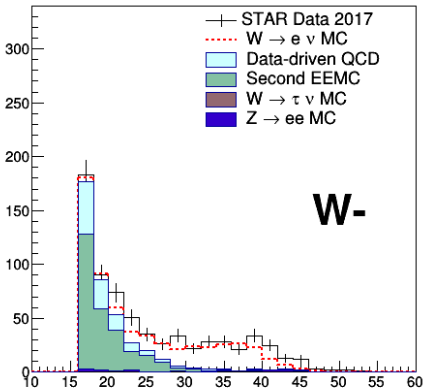
P20ia

Barrel: neg_muclustpTbal_wE: Eta1 E_T (GeV)

Barrel: neg_muclustpTbal_wE: Eta2 E_T (GeV)

Barrel: neg_muclustpTbal_wE: Eta3 E_T (GeV)

Barrel: neg_muclustpTbal_wE: Eta4 E_T (GeV)



$W^- E_T$ distribution ($\eta > 0$)

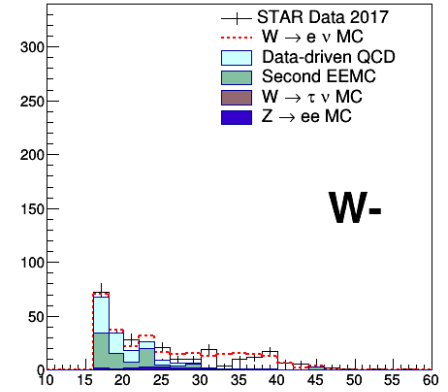
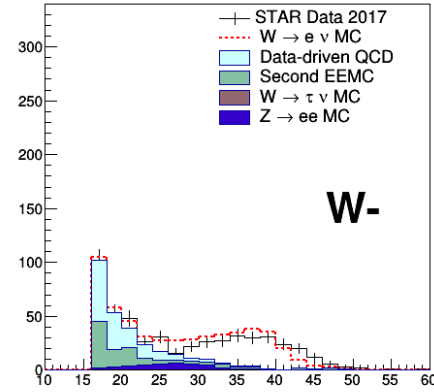
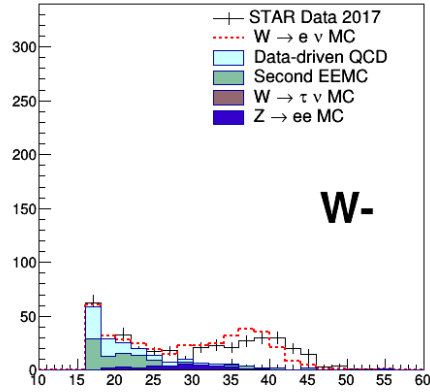
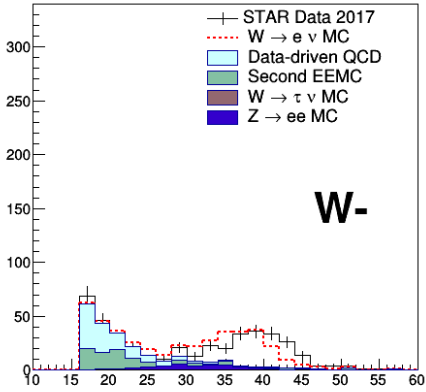
P20ic

Barrel: neg_muclustpTbal_wE: Eta5 E_T (GeV)

Barrel: neg_muclustpTbal_wE: Eta6 E_T (GeV)

Barrel: neg_muclustpTbal_wE: Eta7 E_T (GeV)

Barrel: neg_muclustpTbal_wE: Eta8 E_T (GeV)



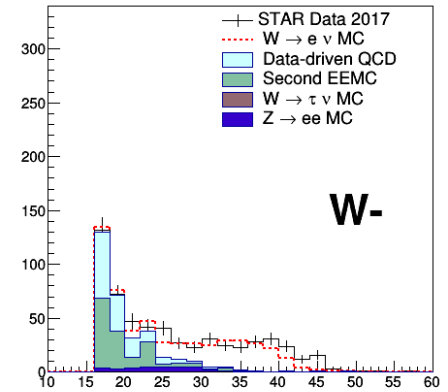
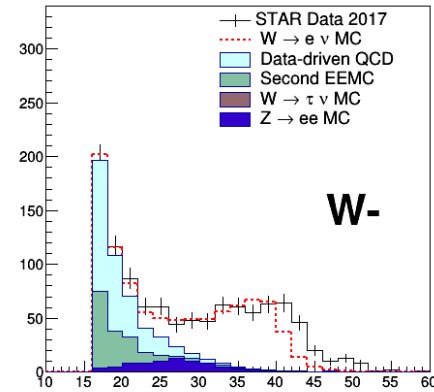
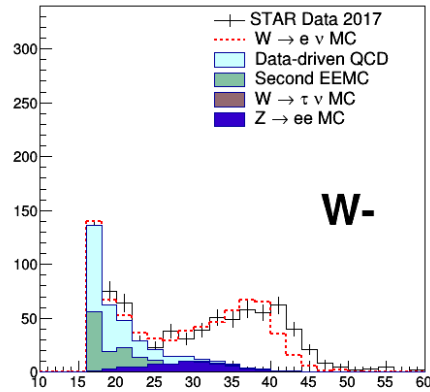
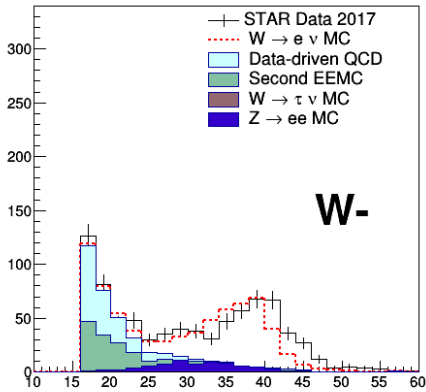
P20ia

Barrel: neg_muclustpTbal_wE: Eta5 E_T (GeV)

Barrel: neg_muclustpTbal_wE: Eta6 E_T (GeV)

Barrel: neg_muclustpTbal_wE: Eta7 E_T (GeV)

Barrel: neg_muclustpTbal_wE: Eta8 E_T (GeV)



P20ic vs P20ia

