

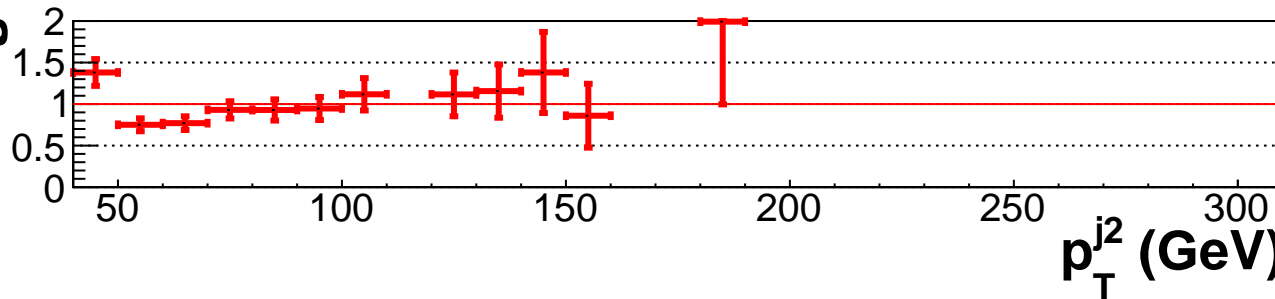
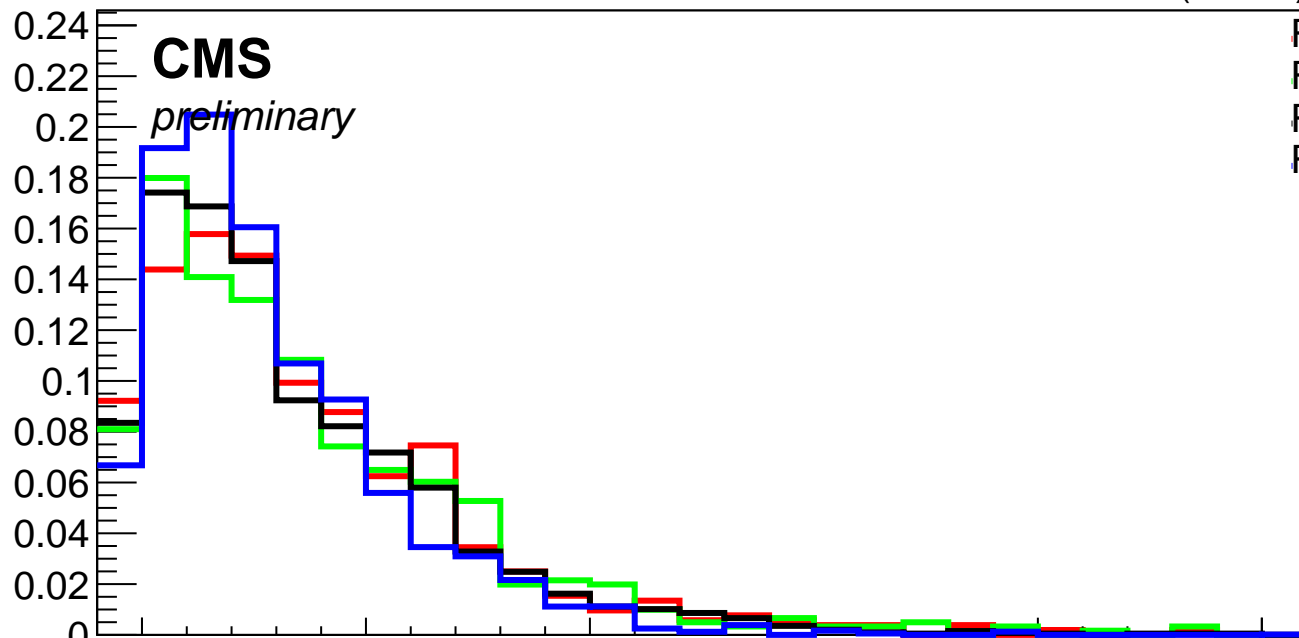
19.2 fb⁻¹ (8 TeV)

CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig

Data/Bkg

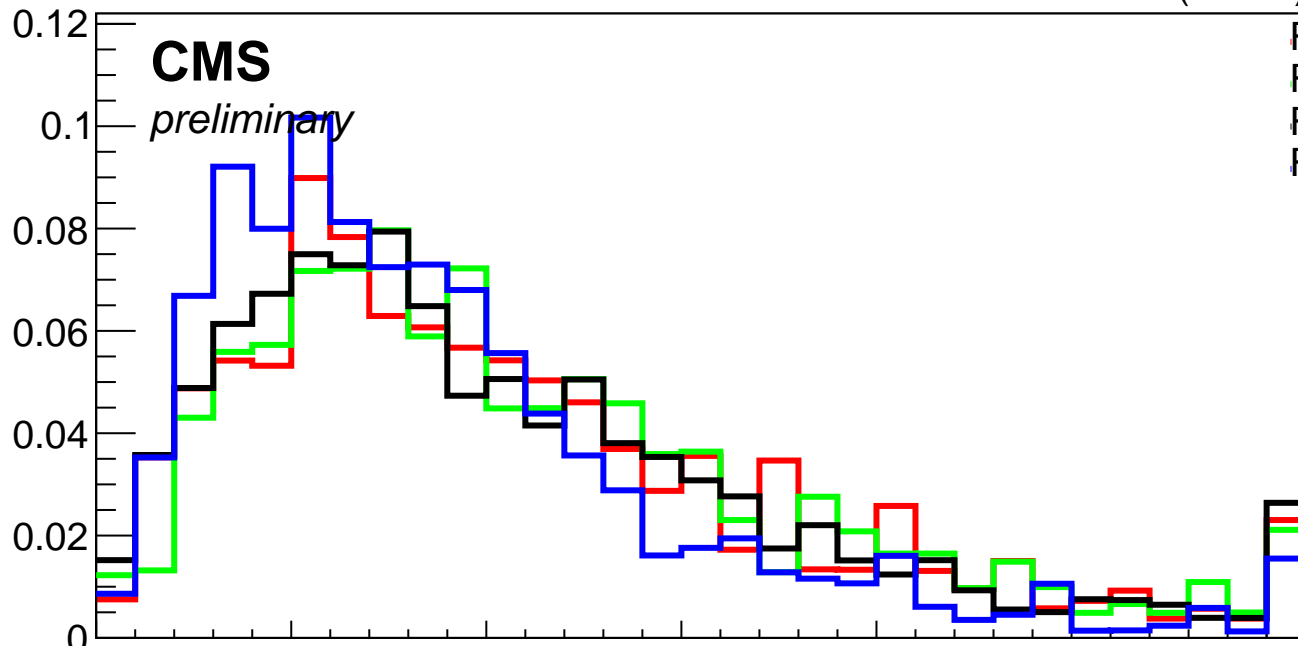


19.2 fb⁻¹ (8 TeV)

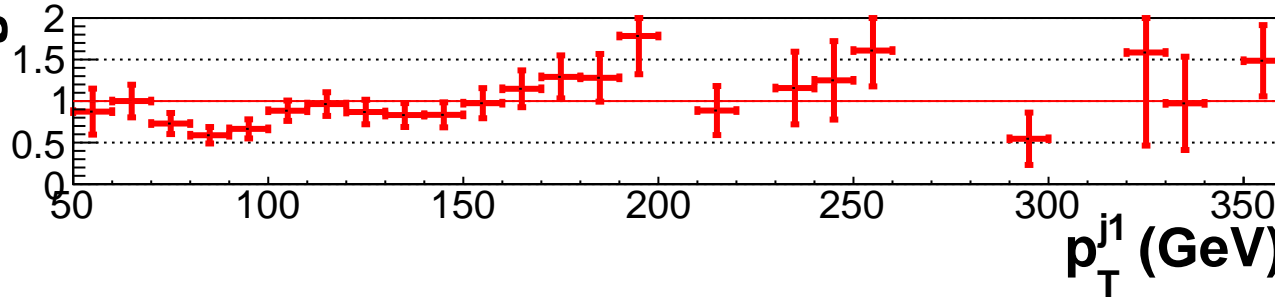
CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig



Data/Bkg

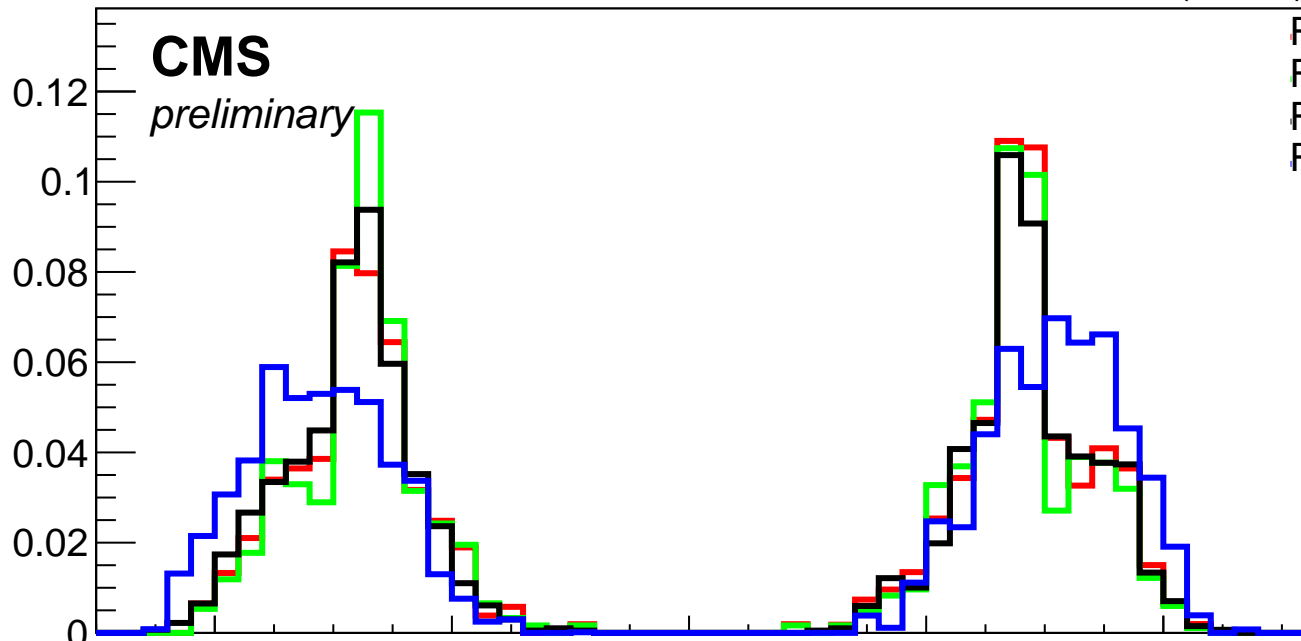


19.2 fb⁻¹ (8 TeV)

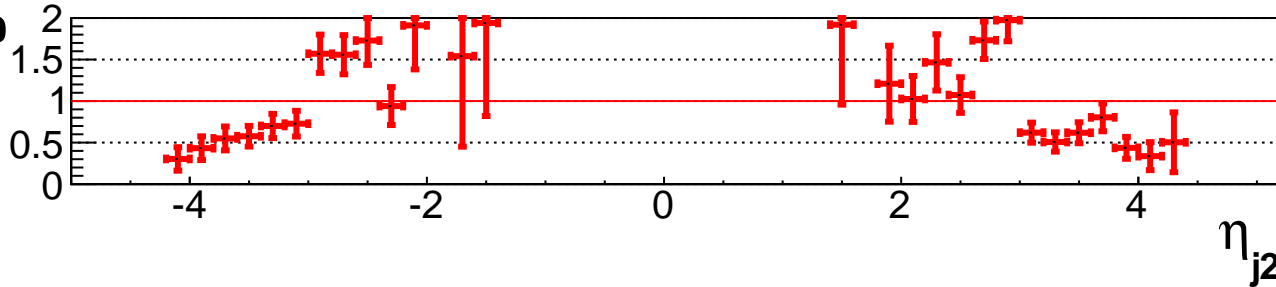
CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig



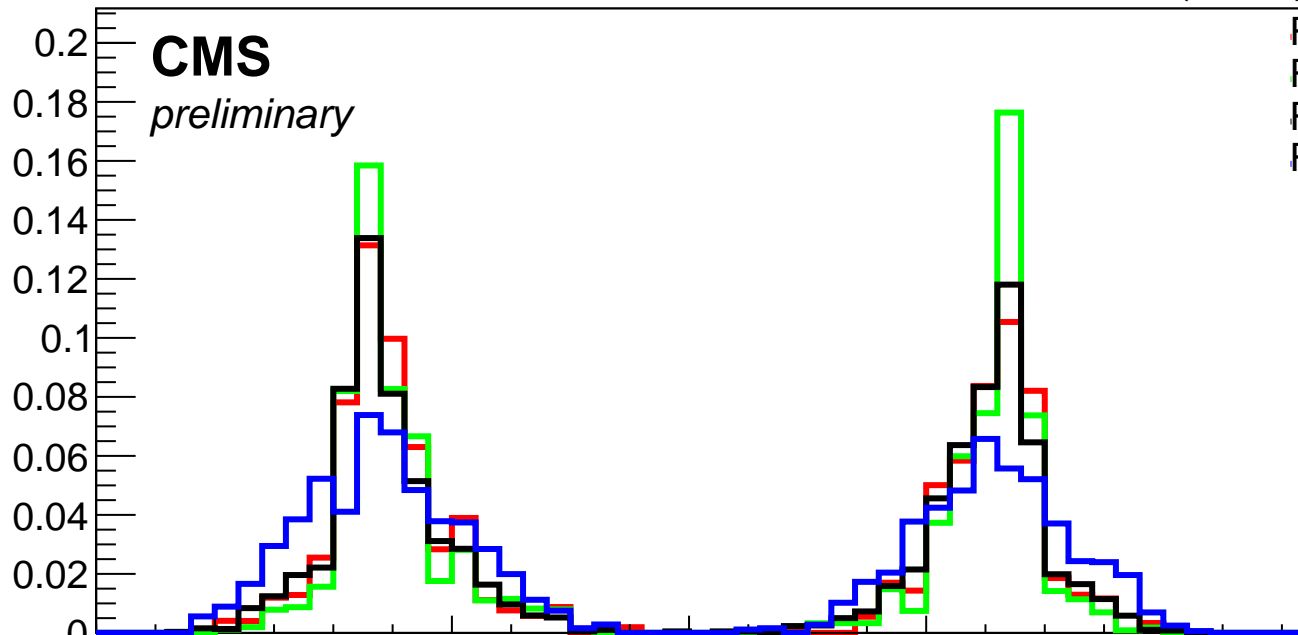
Data/Bkg



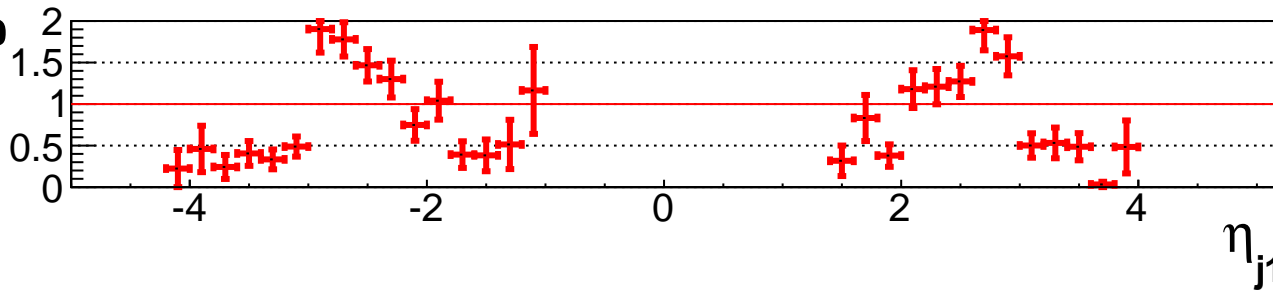
19.2 fb⁻¹ (8 TeV)

CMS
preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig



Data/Bkg

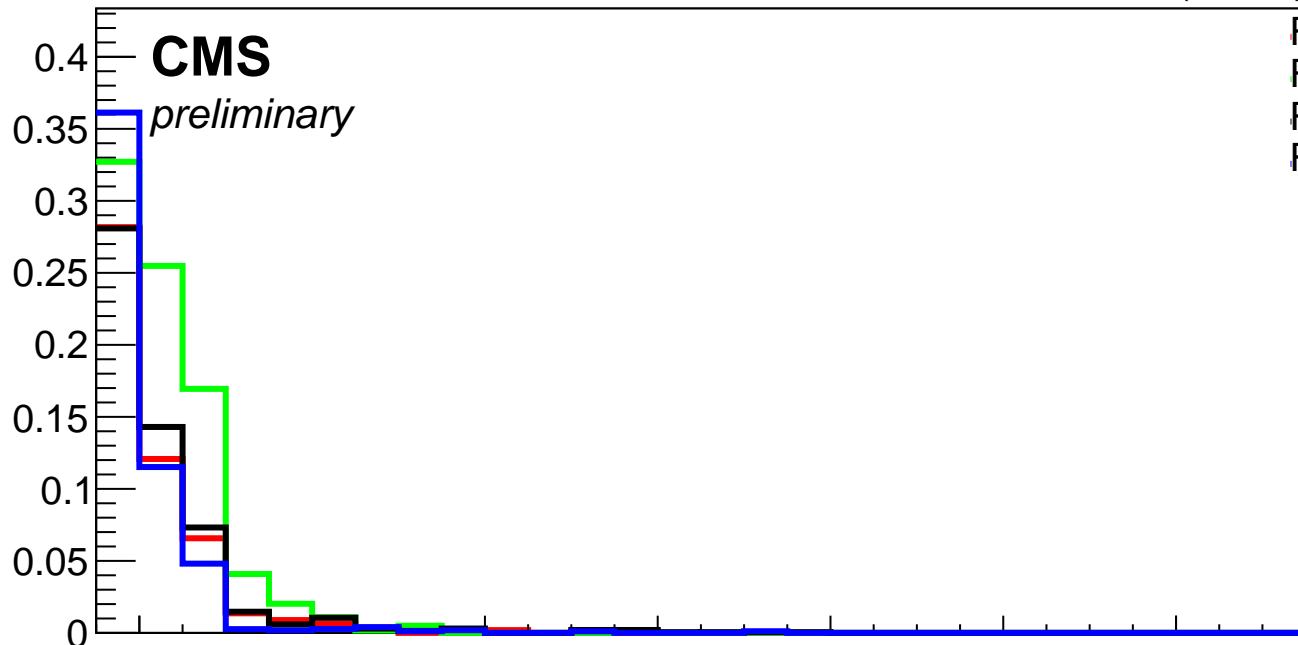


19.2 fb⁻¹ (8 TeV)

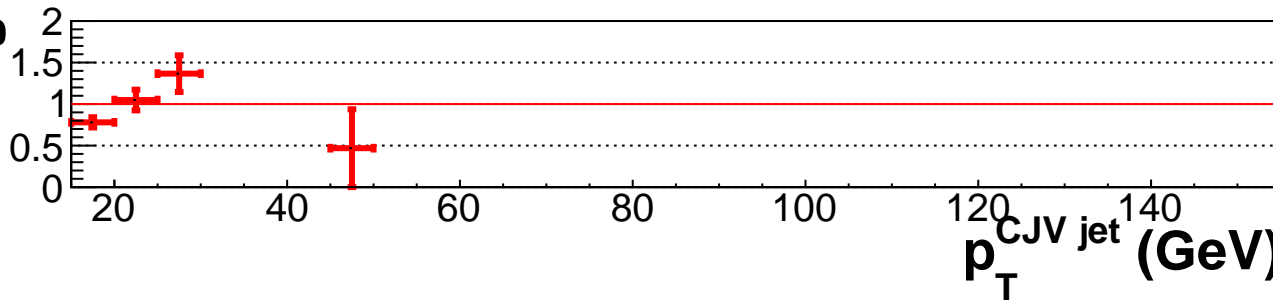
CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig



Data/Bkg

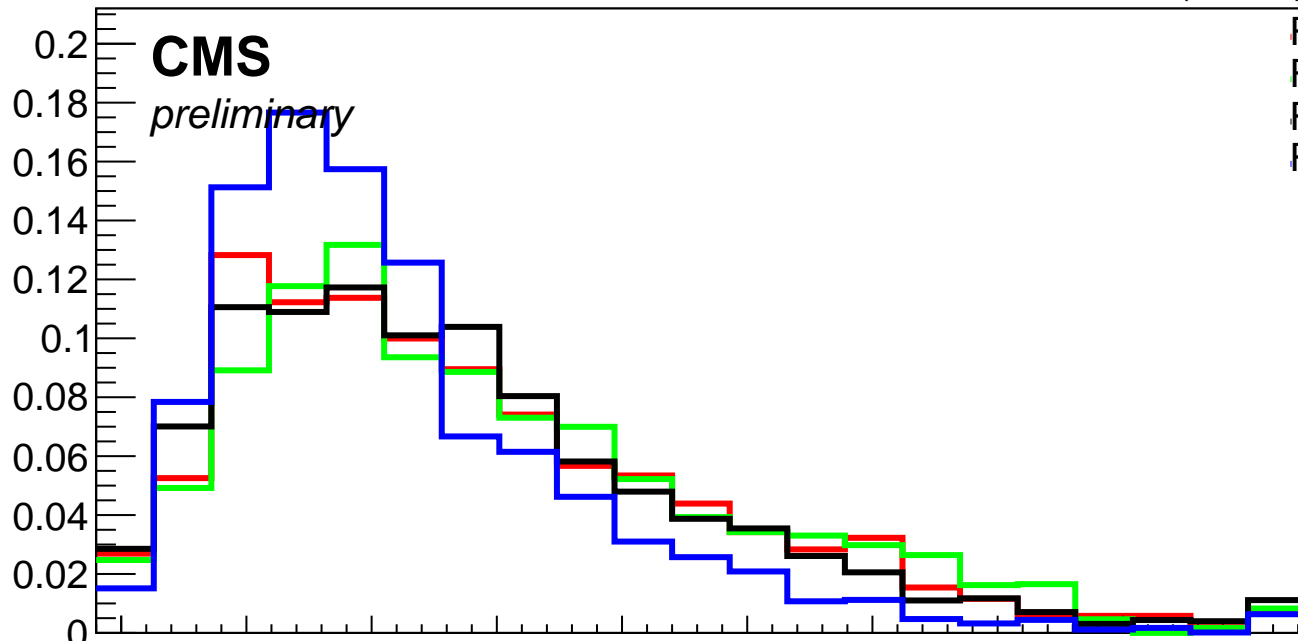


19.2 fb⁻¹ (8 TeV)

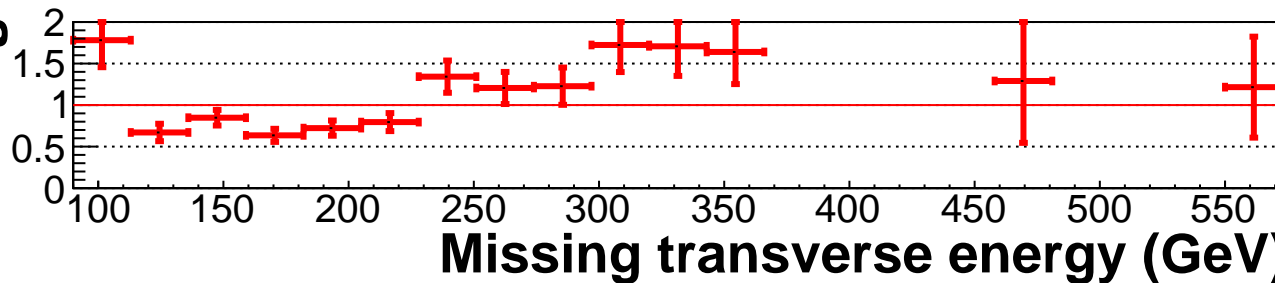
CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig



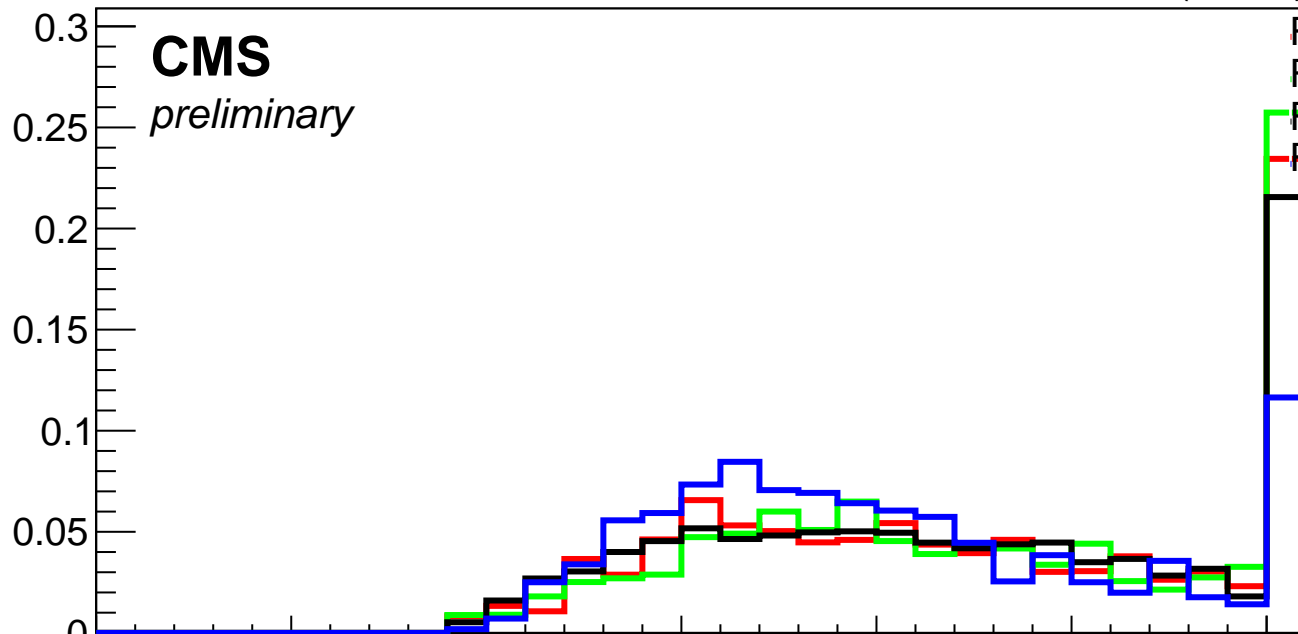
Data/Bkg



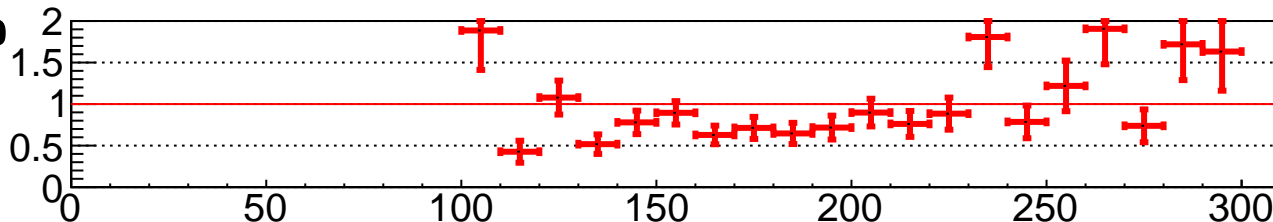
19.2 fb⁻¹ (8 TeV)

CMS
preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig



Data/Bkg

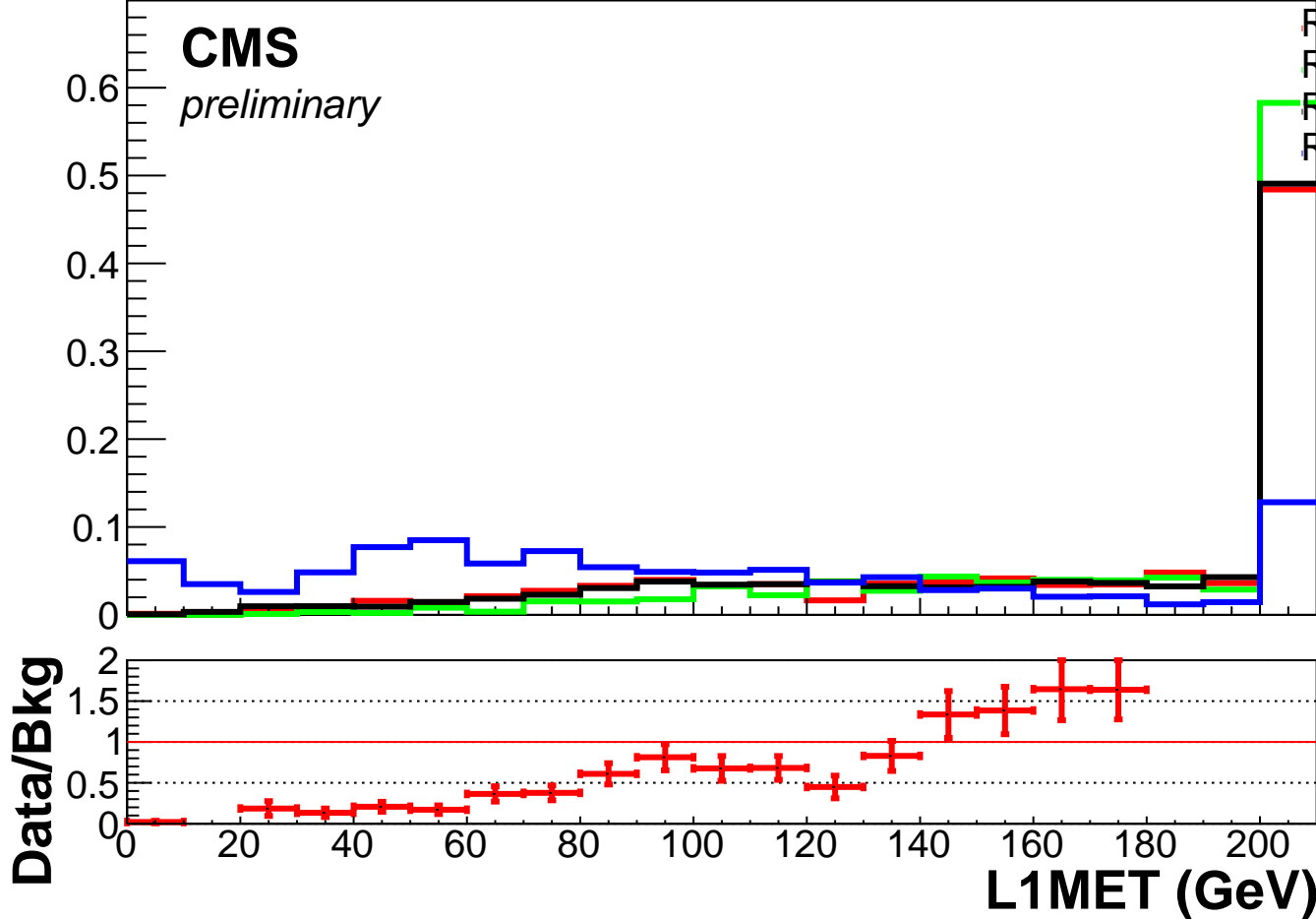


MET (GeV)

19.2 fb⁻¹ (8 TeV)

CMS
preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig

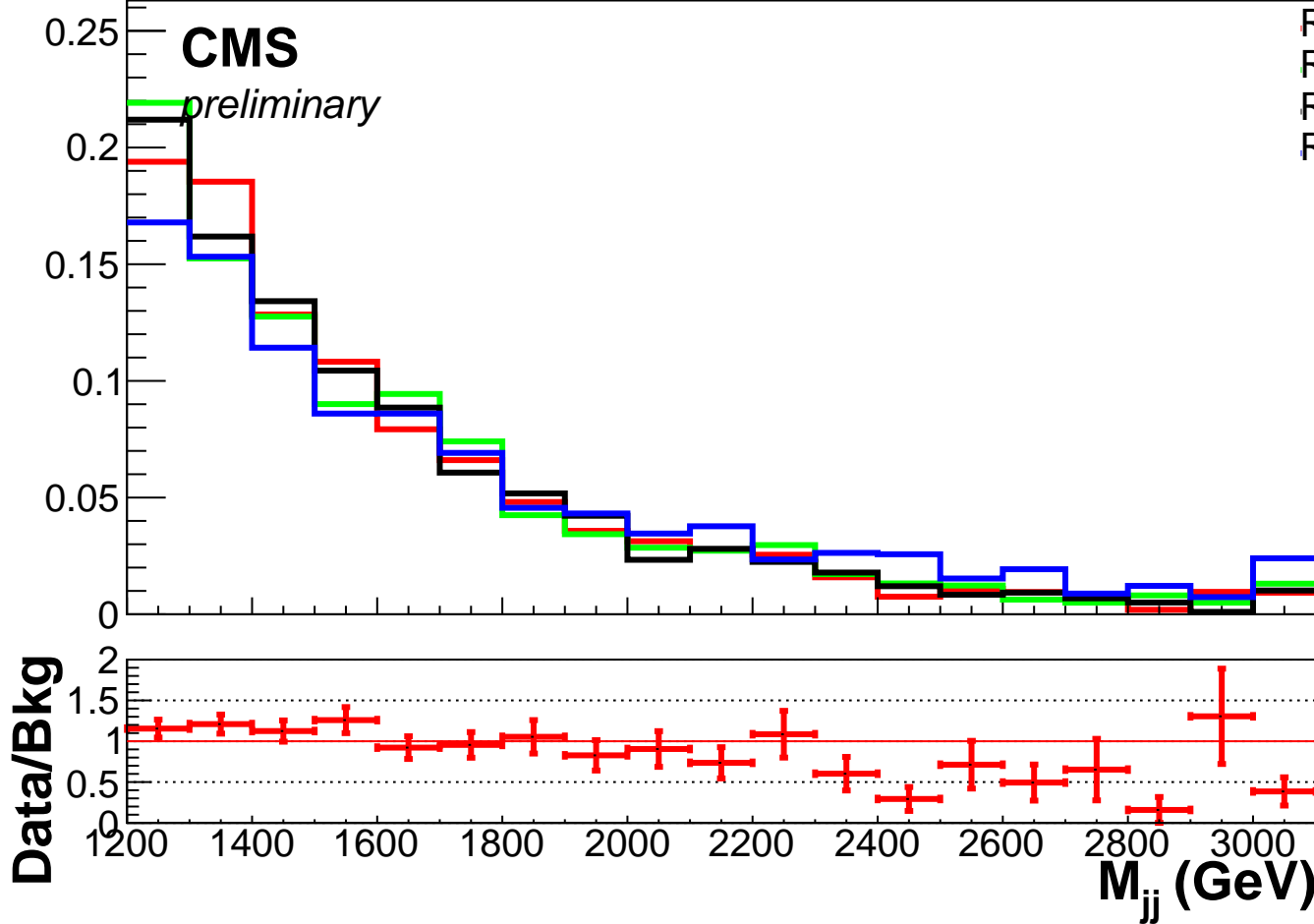


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig

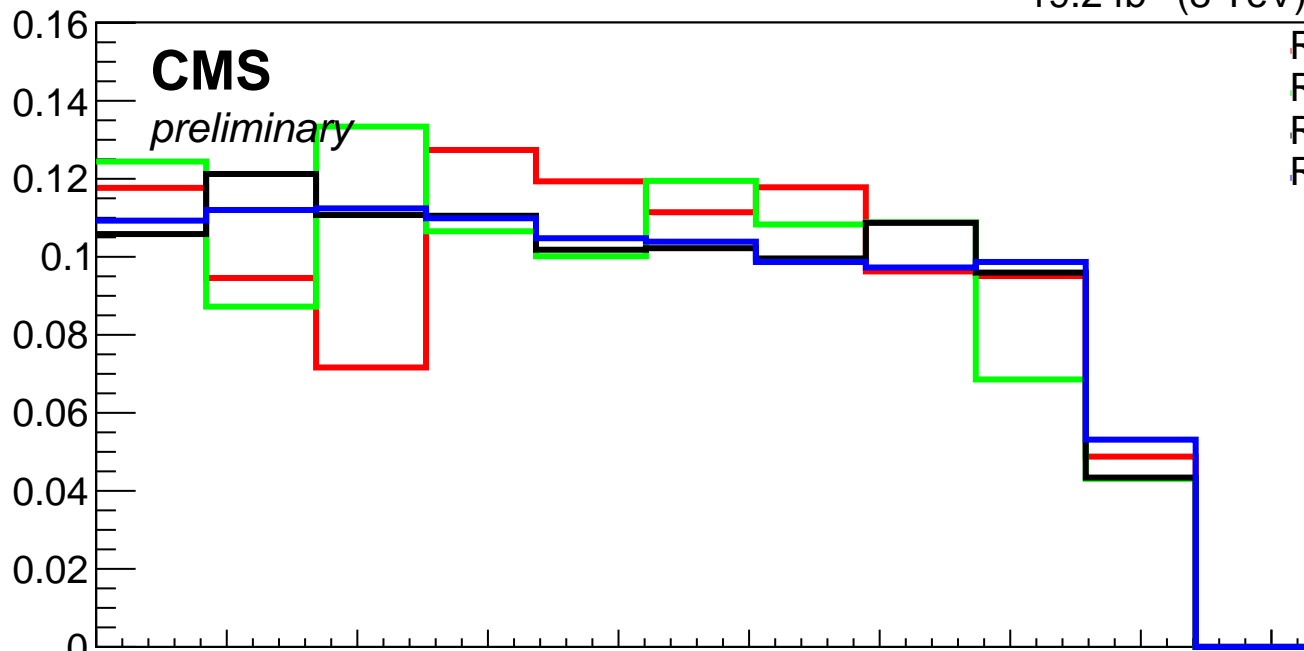


19.2 fb⁻¹ (8 TeV)

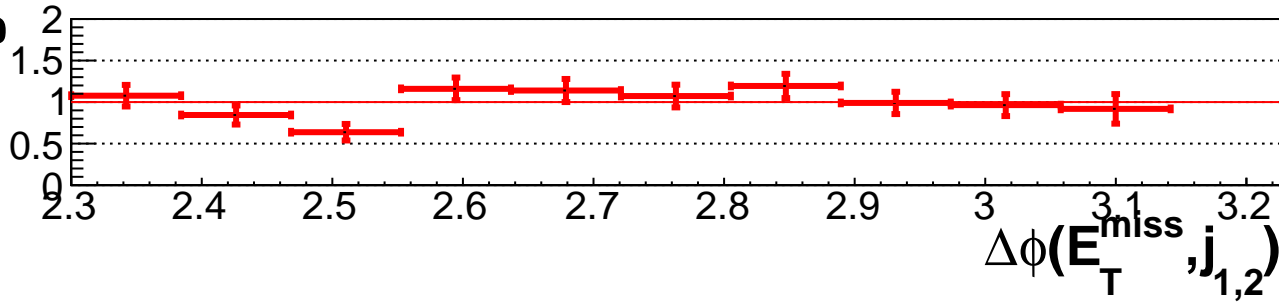
CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig



Data/Bkg

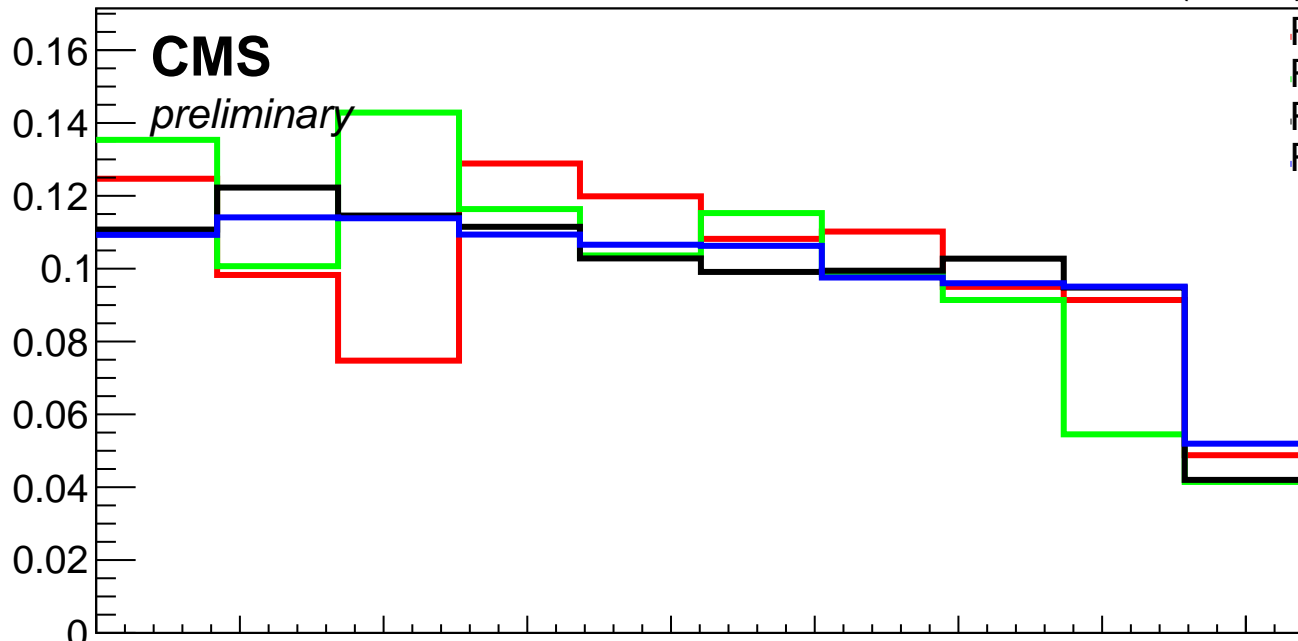


19.2 fb⁻¹ (8 TeV)

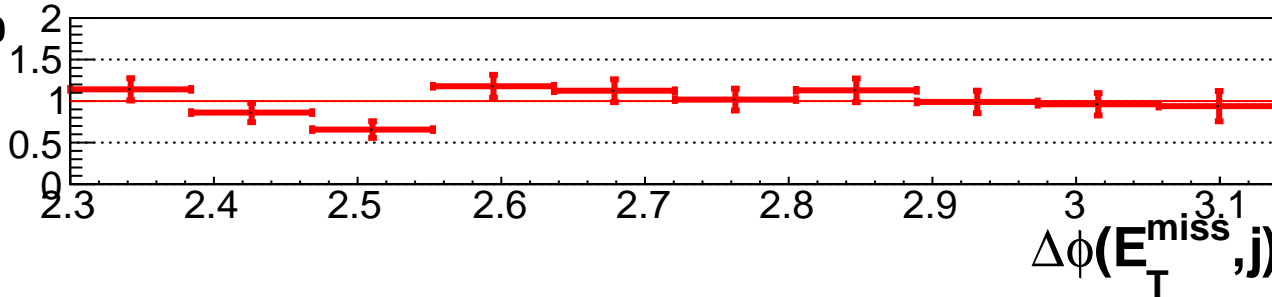
CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig



Data/Bkg



19.2 fb⁻¹ (8 TeV)

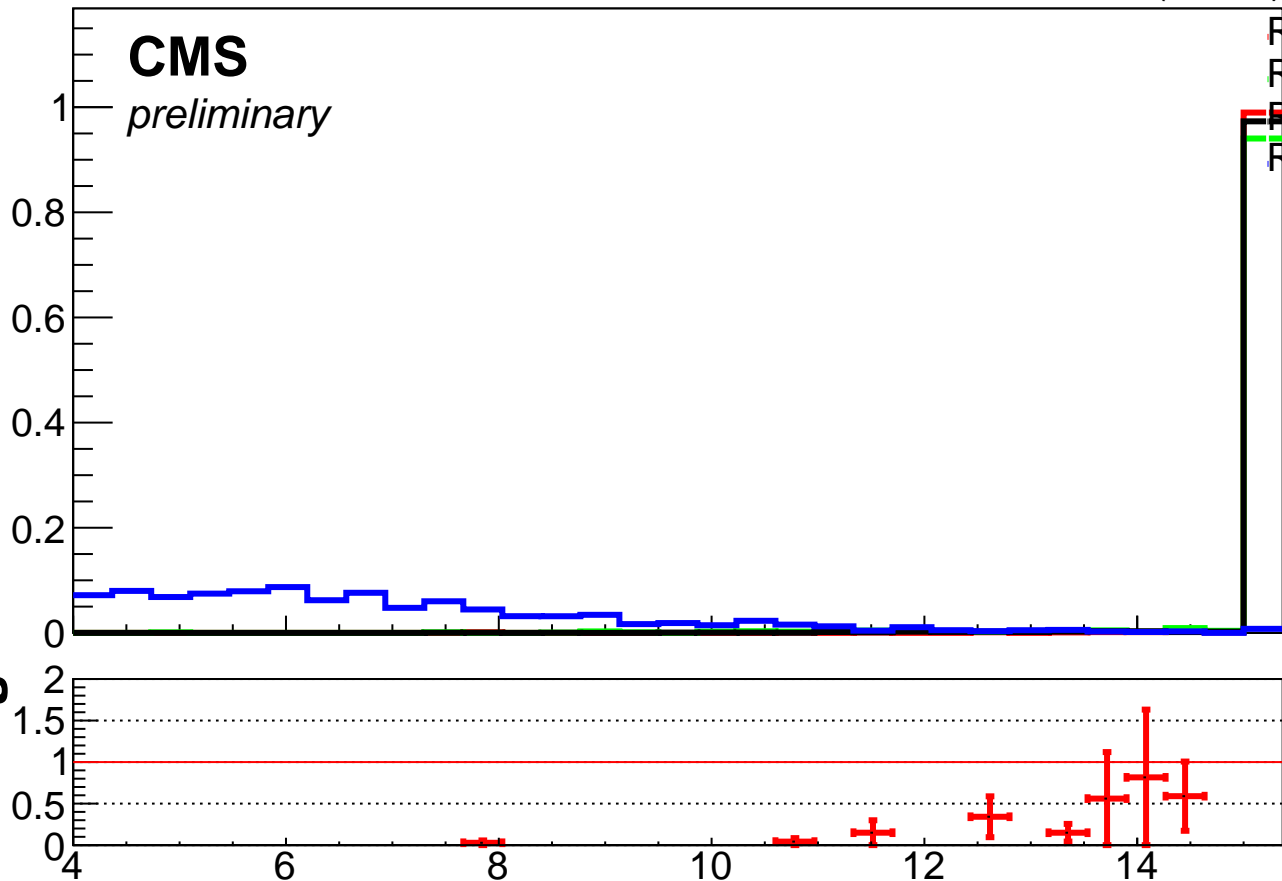
CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig

Data/Bkg

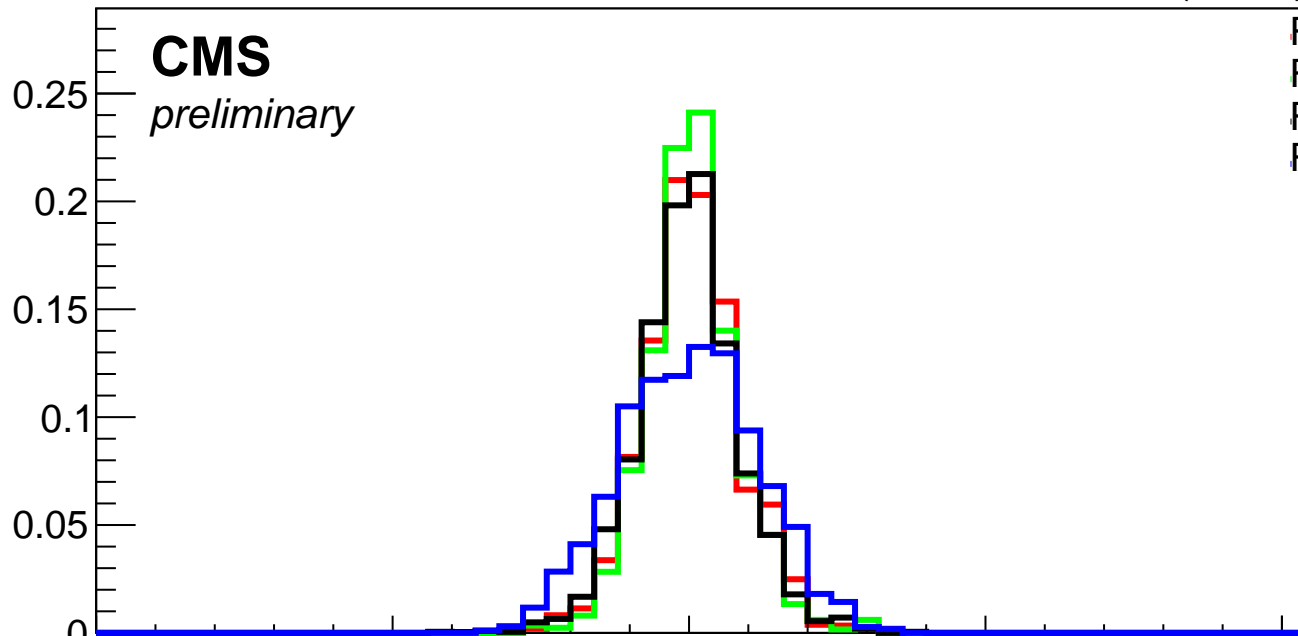
S



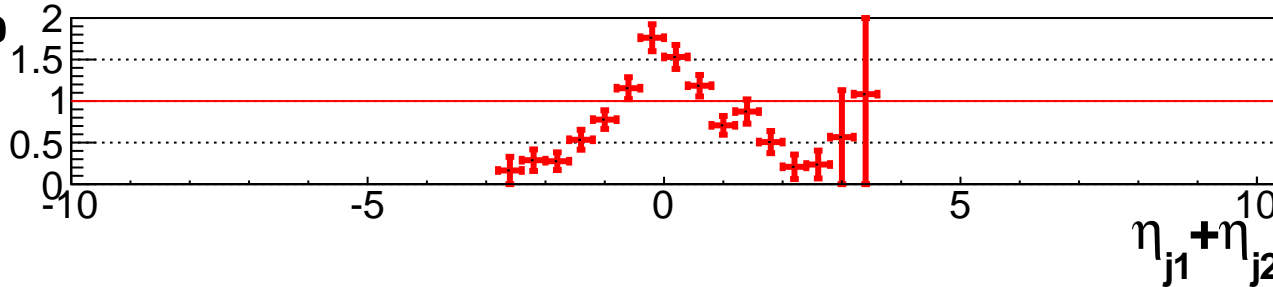
19.2 fb⁻¹ (8 TeV)

CMS
preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig



Data/Bkg

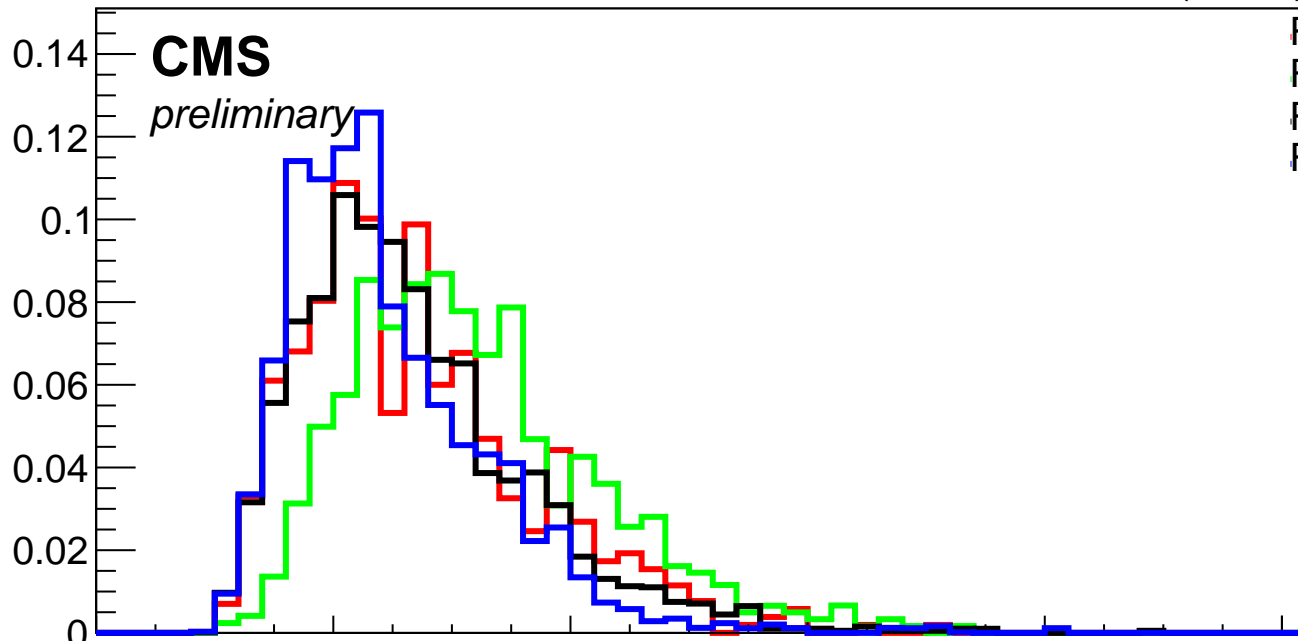


19.2 fb⁻¹ (8 TeV)

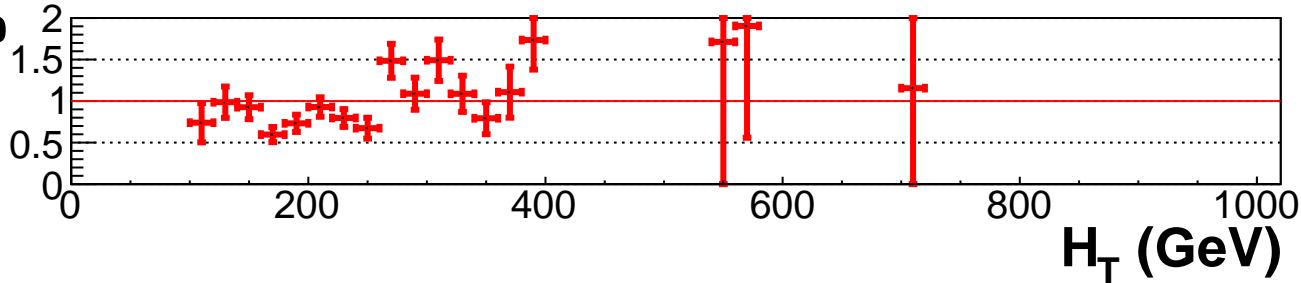
CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig



Data/Bkg

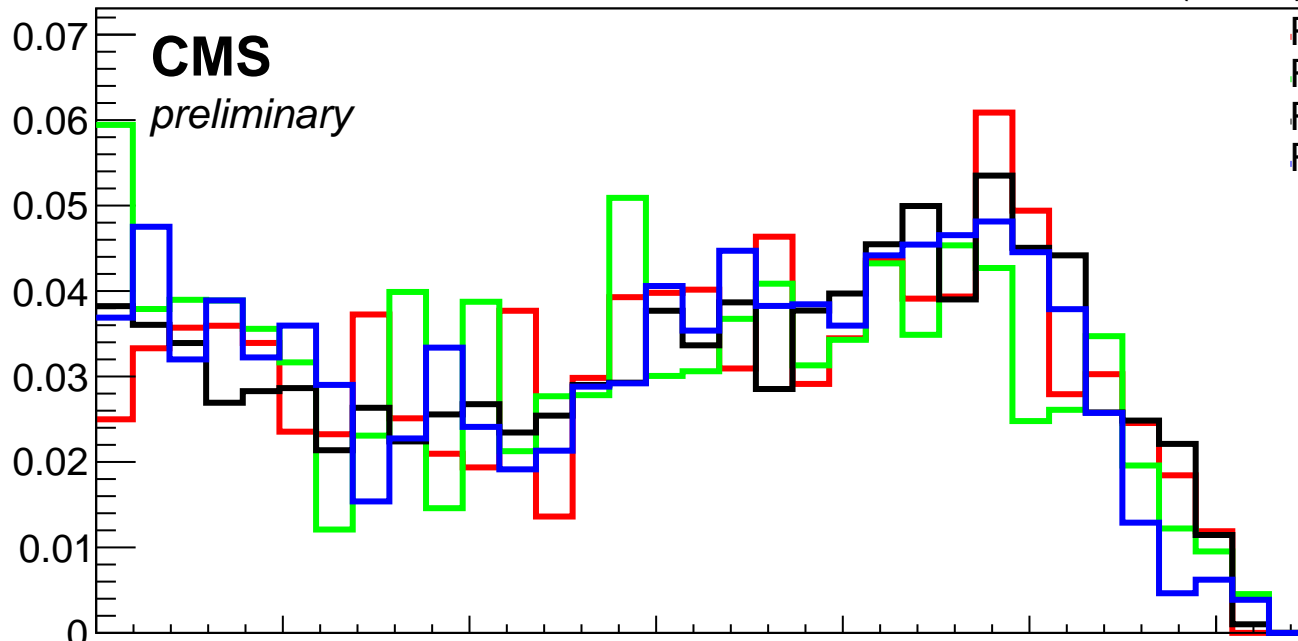


19.2 fb⁻¹ (8 TeV)

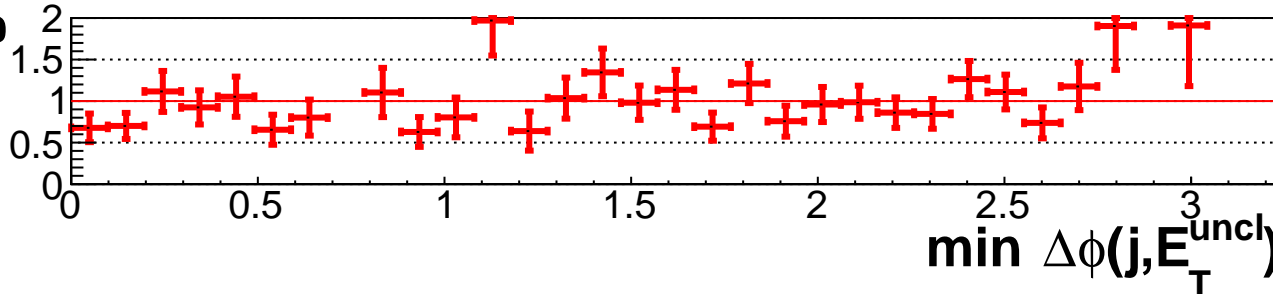
CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig



Data/Bkg



19.2 fb⁻¹ (8 TeV)

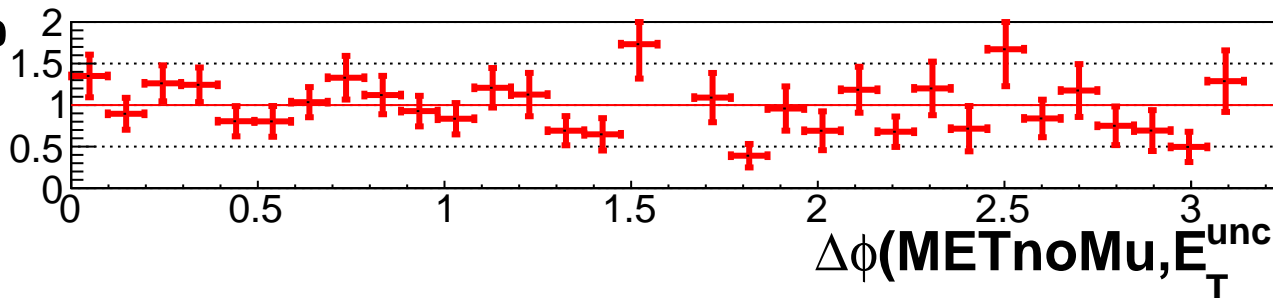
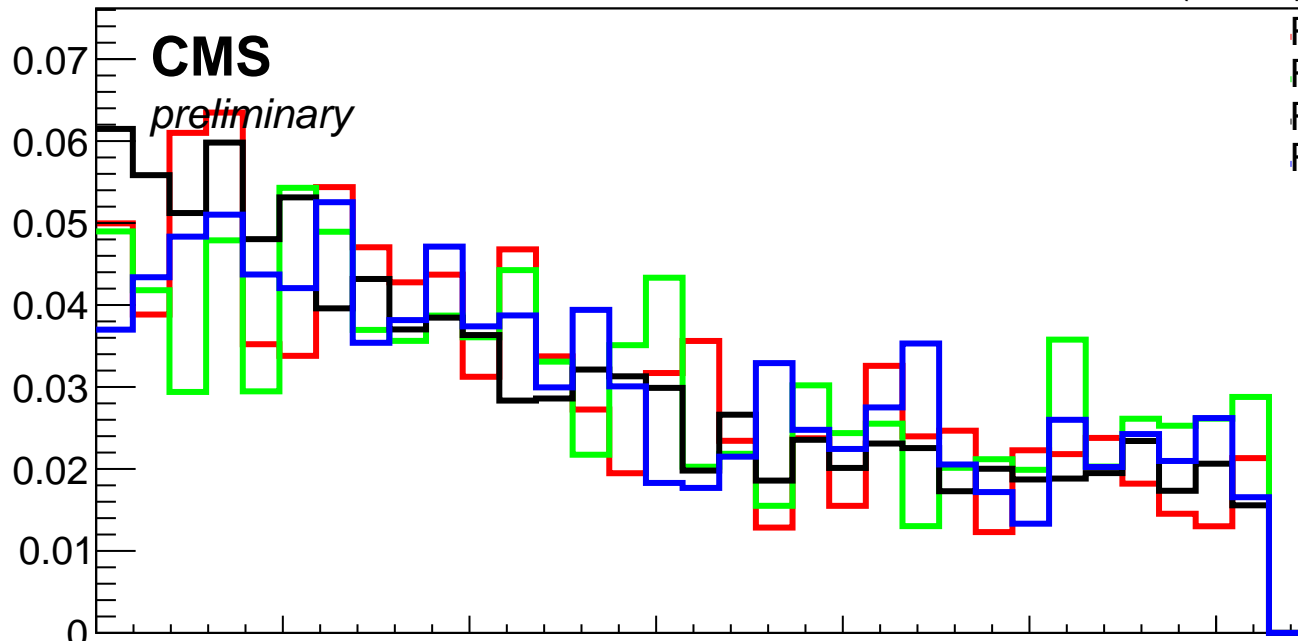
CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig

Data/Bkg

$\Delta\phi(\text{METnoMu}, E_T^{\text{uncl}})$

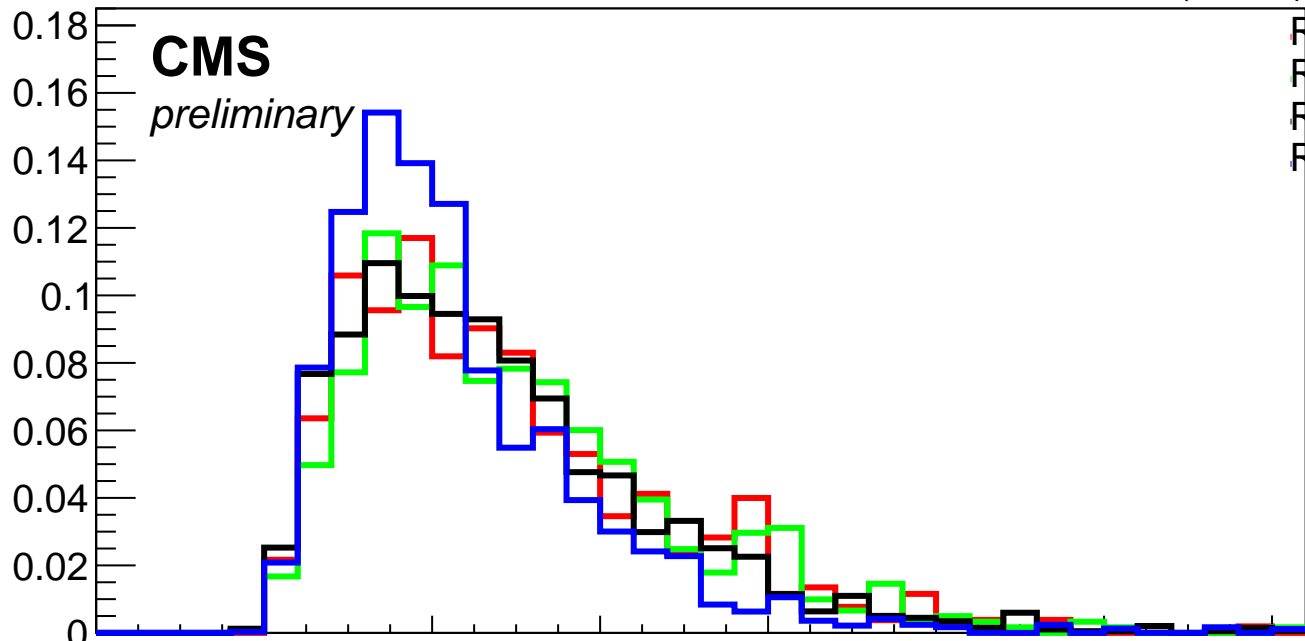


19.2 fb⁻¹ (8 TeV)

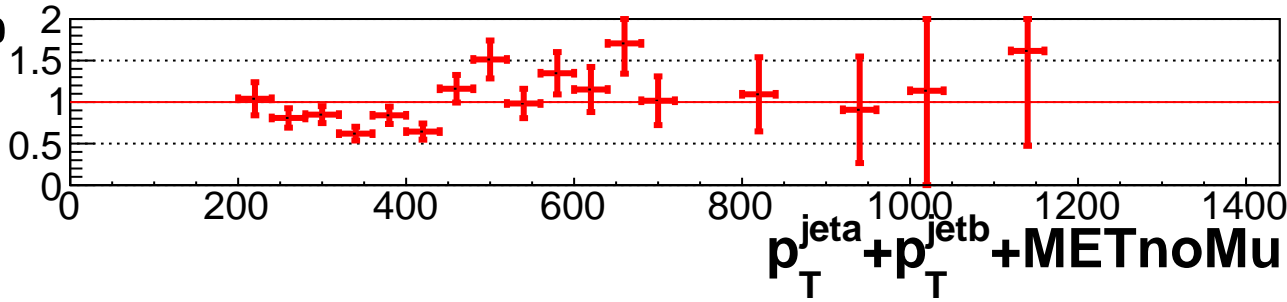
CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig



Data/Bkg



19.2 fb⁻¹ (8 TeV)

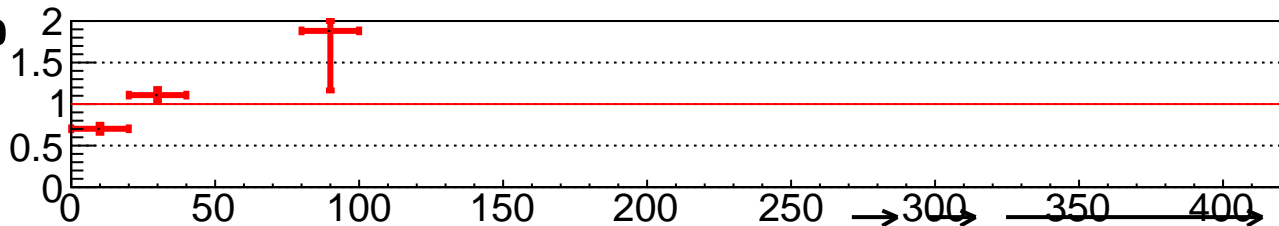
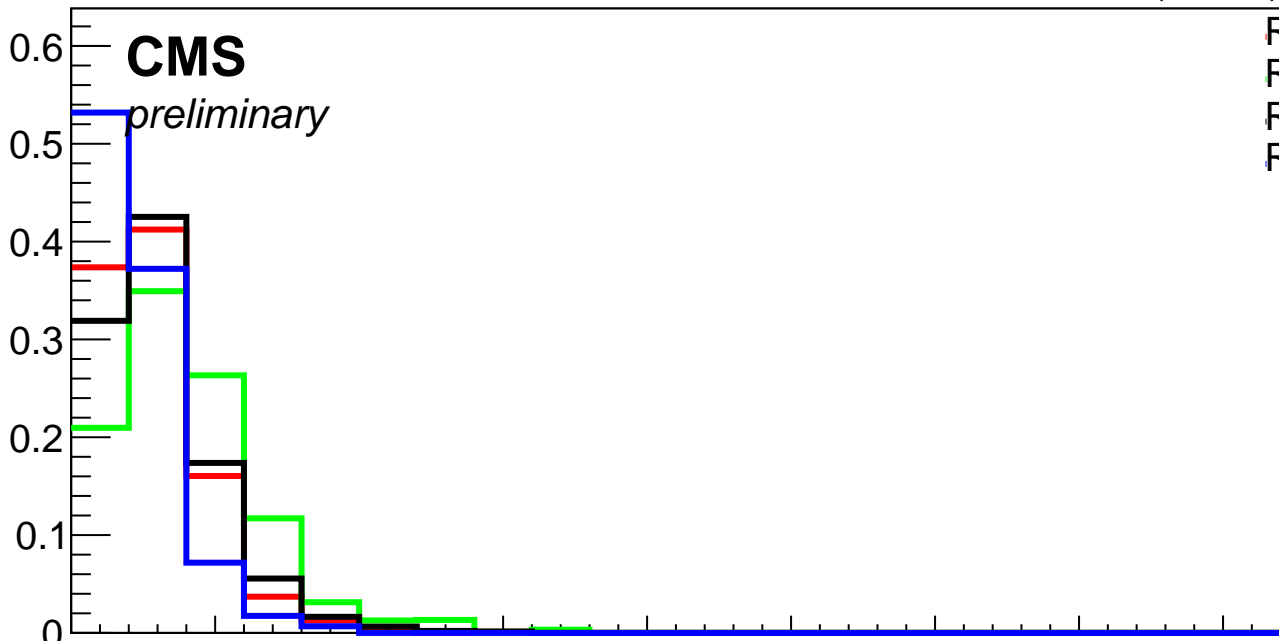
CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig

Data/Bkg

p_T(ja+jb+METnoMu)



19.2 fb⁻¹ (8 TeV)

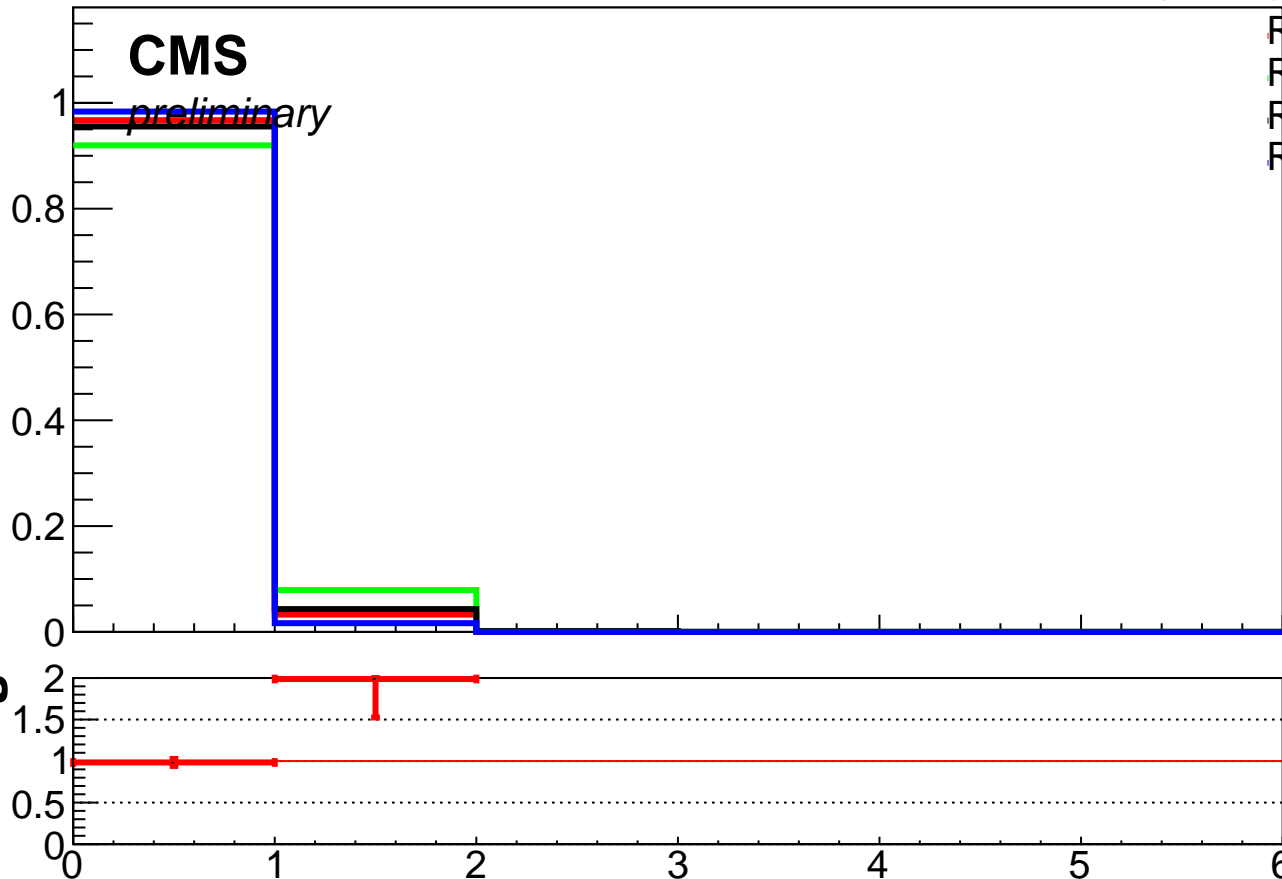
CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig

Data/Bkg

CJV jets (30 GeV)

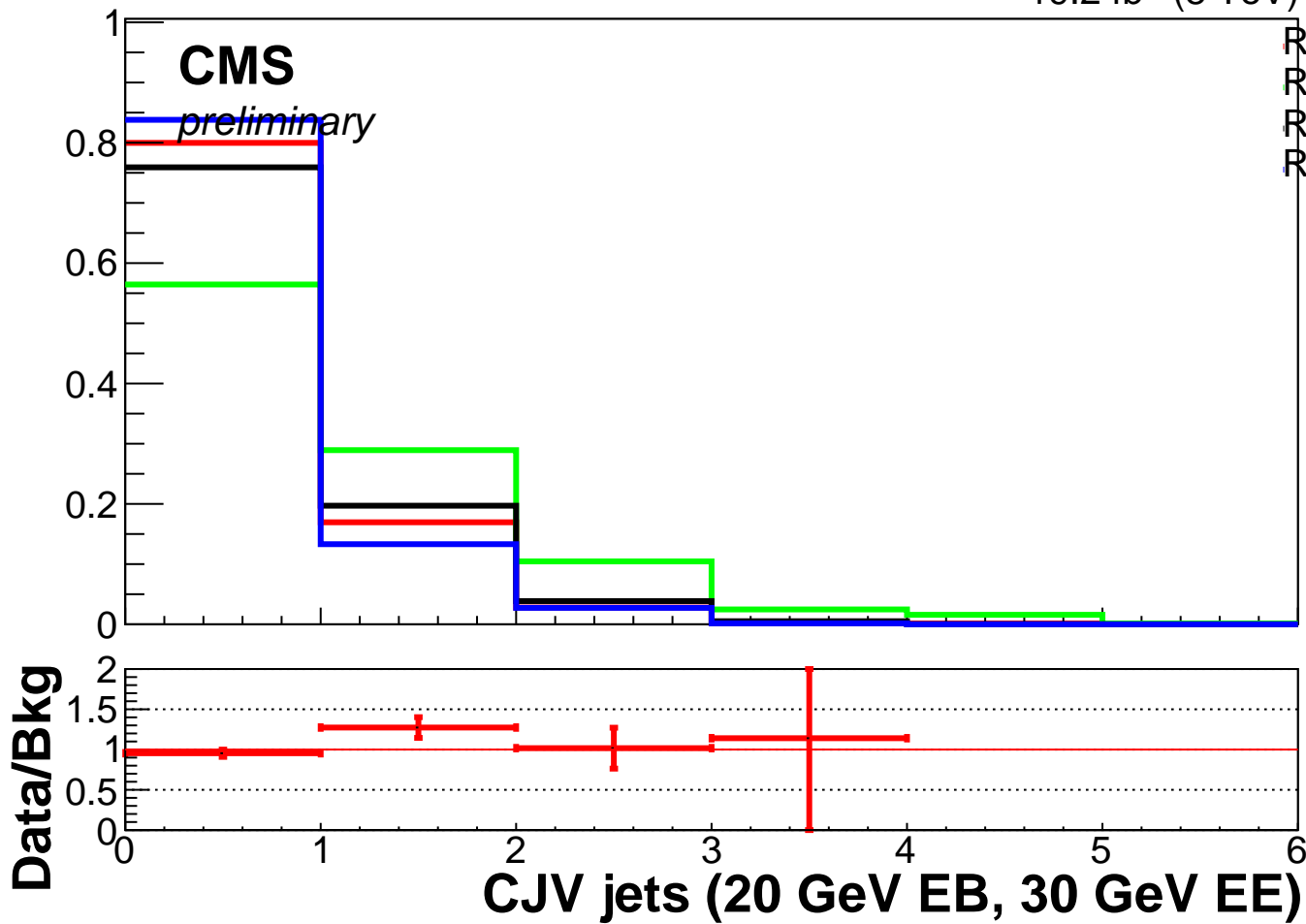


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig

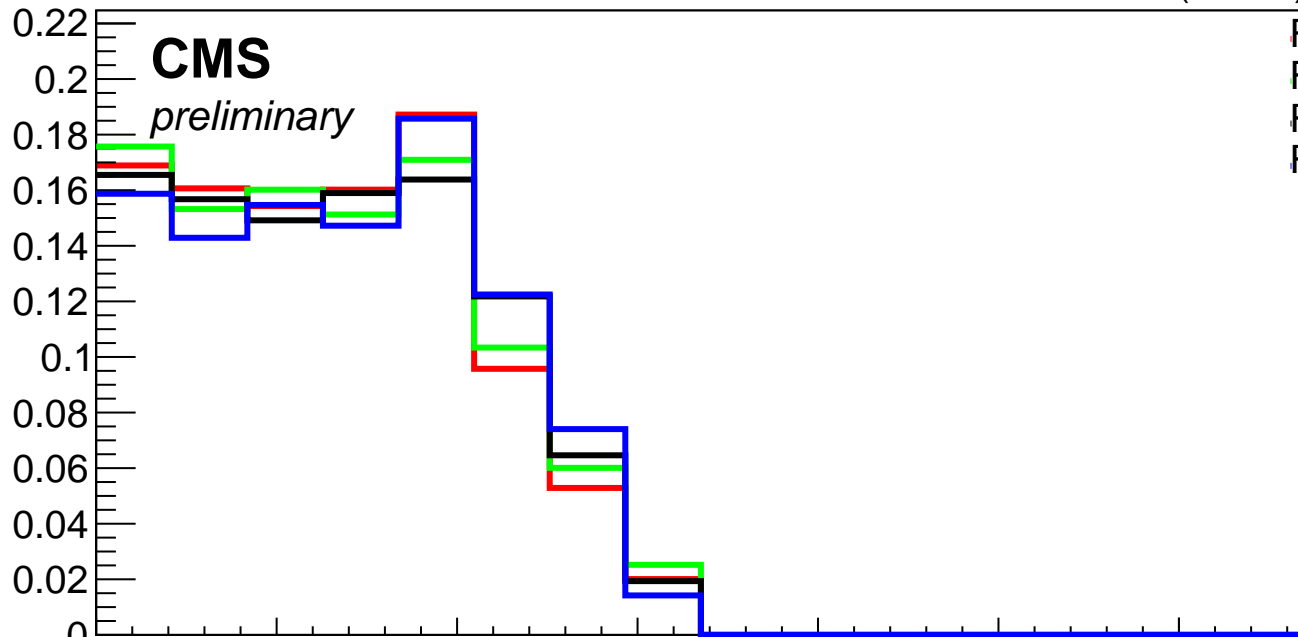


19.2 fb⁻¹ (8 TeV)

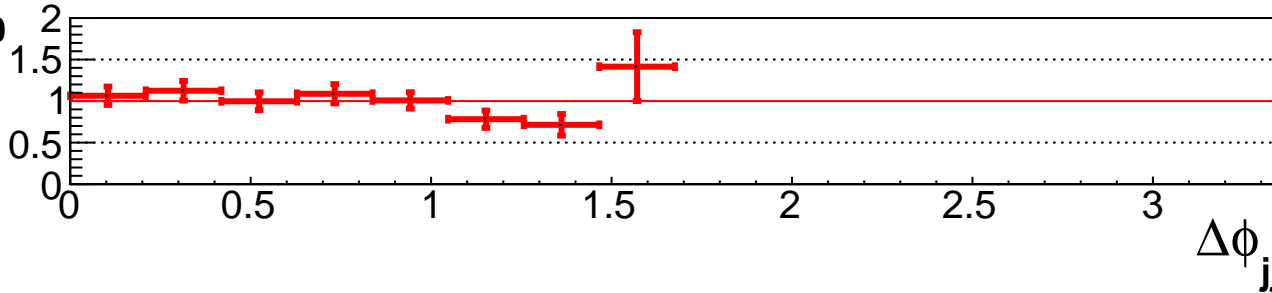
CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig



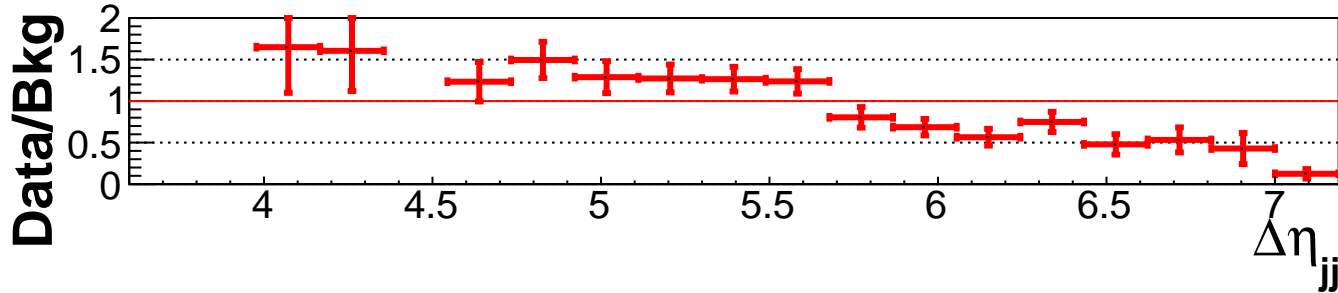
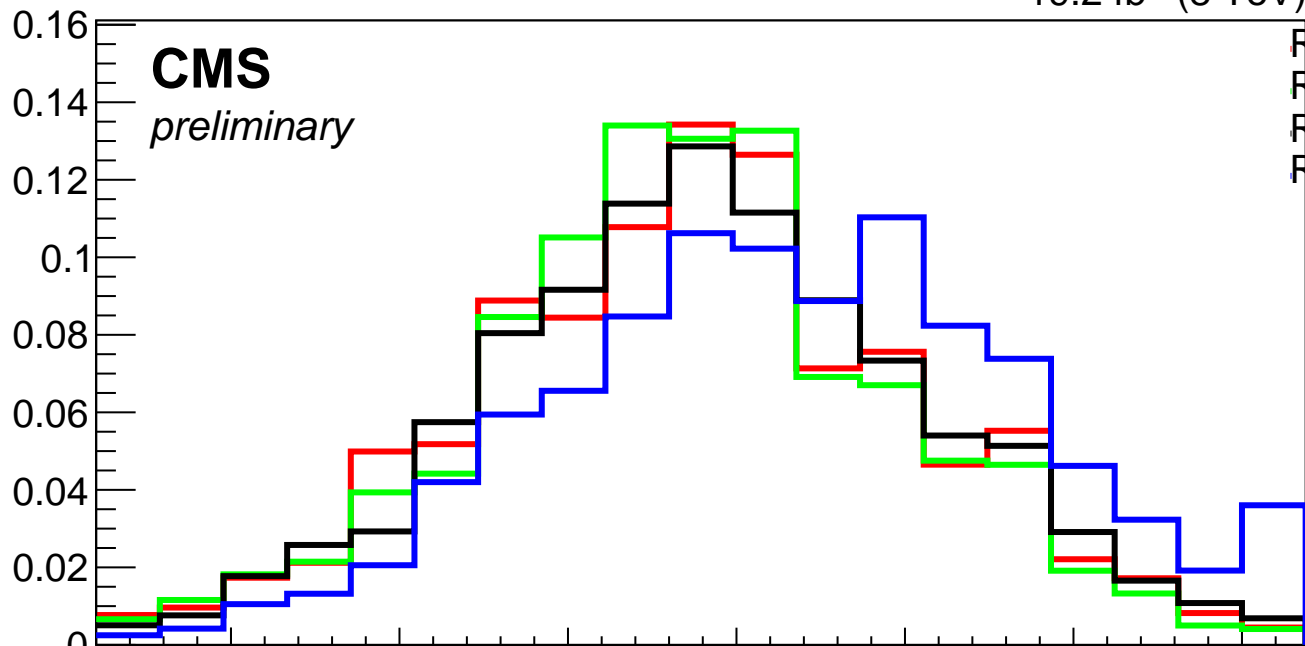
Data/Bkg



19.2 fb⁻¹ (8 TeV)

CMS
preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig

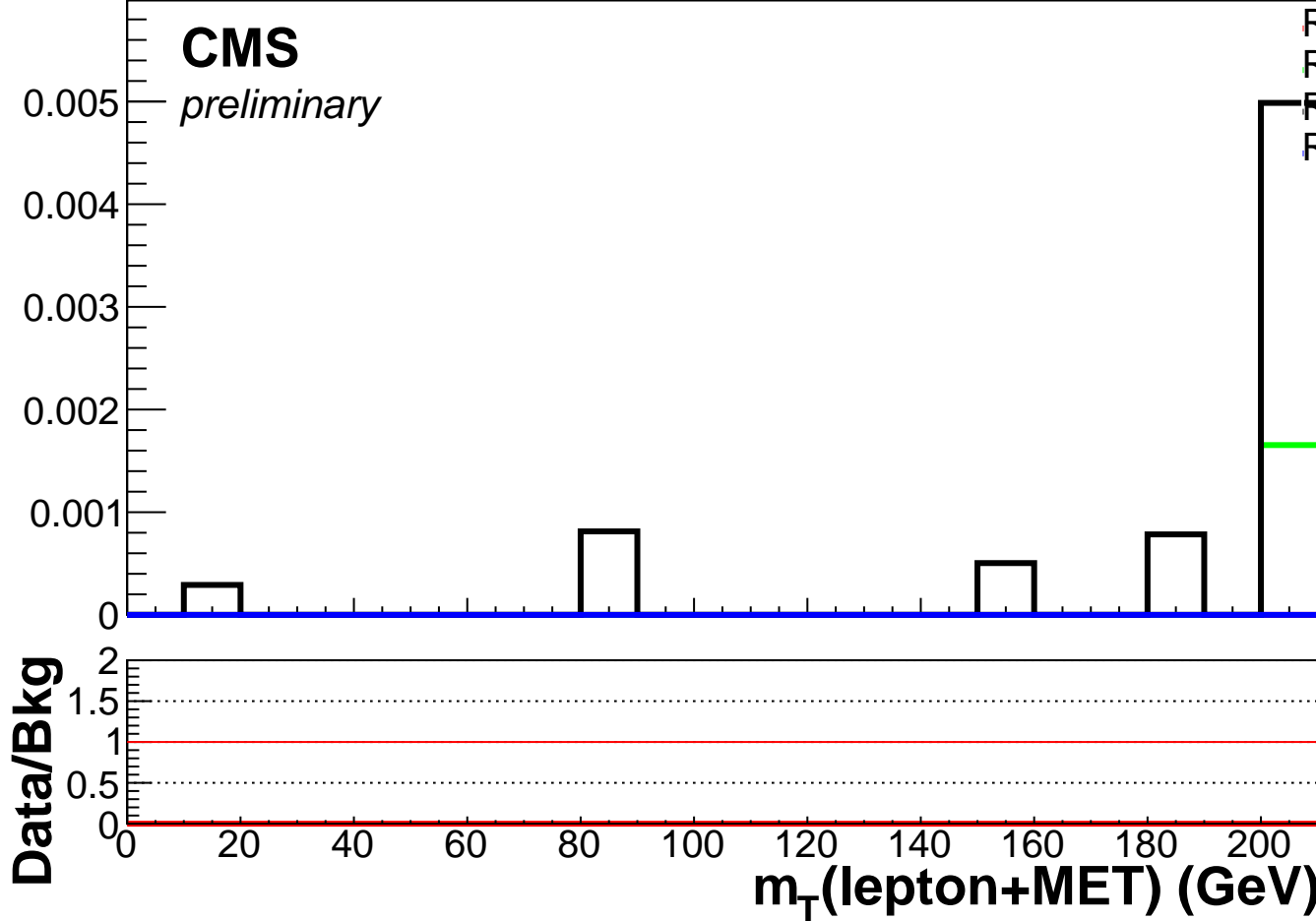


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig



19.2 fb⁻¹ (8 TeV)

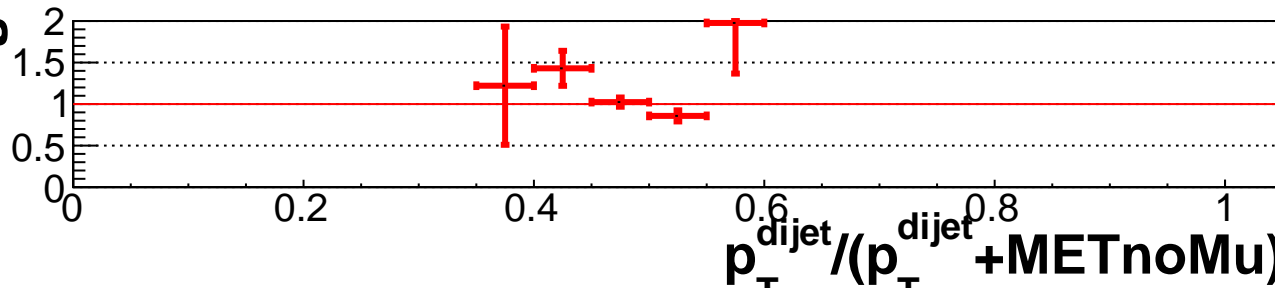
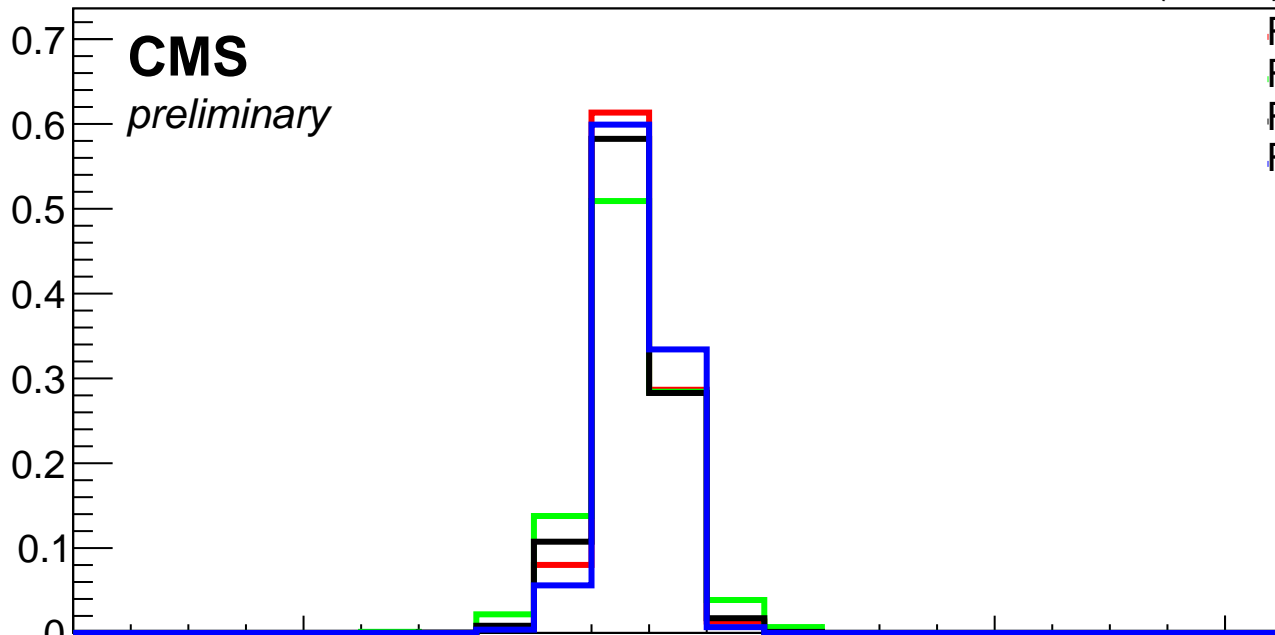
CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig

Data/Bkg

$p_T^{\text{dijet}} / (p_T^{\text{dijet}} + \text{MET}_{\text{noMu}})$



19.2 fb⁻¹ (8 TeV)

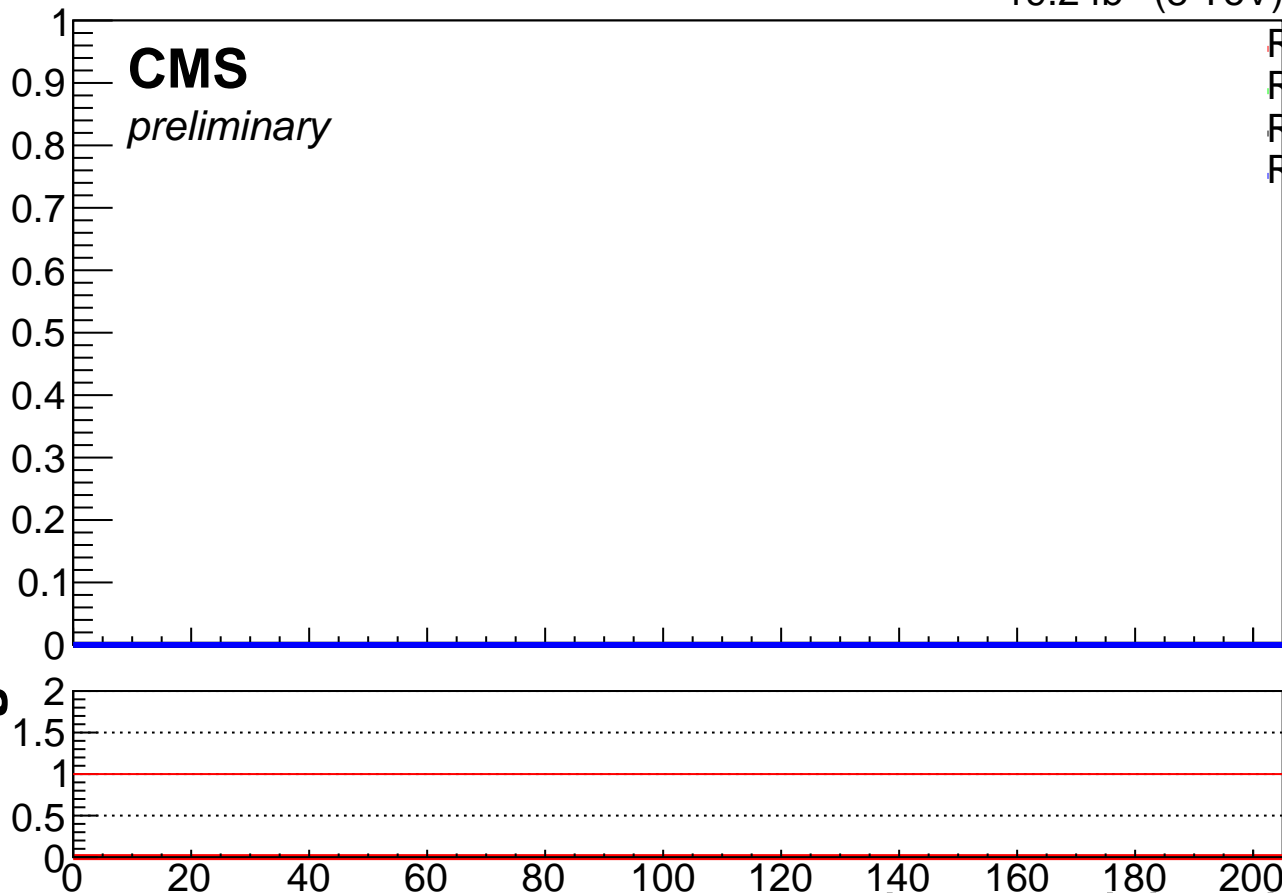
CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig

Data/Bkg

p_T(electron) (GeV)



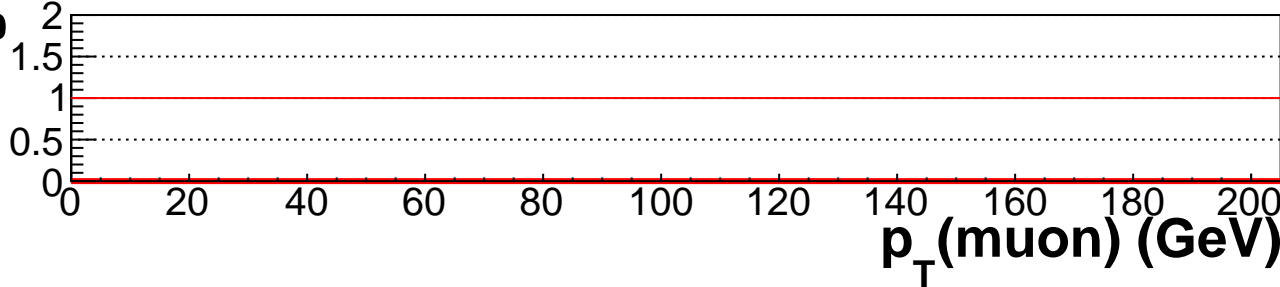
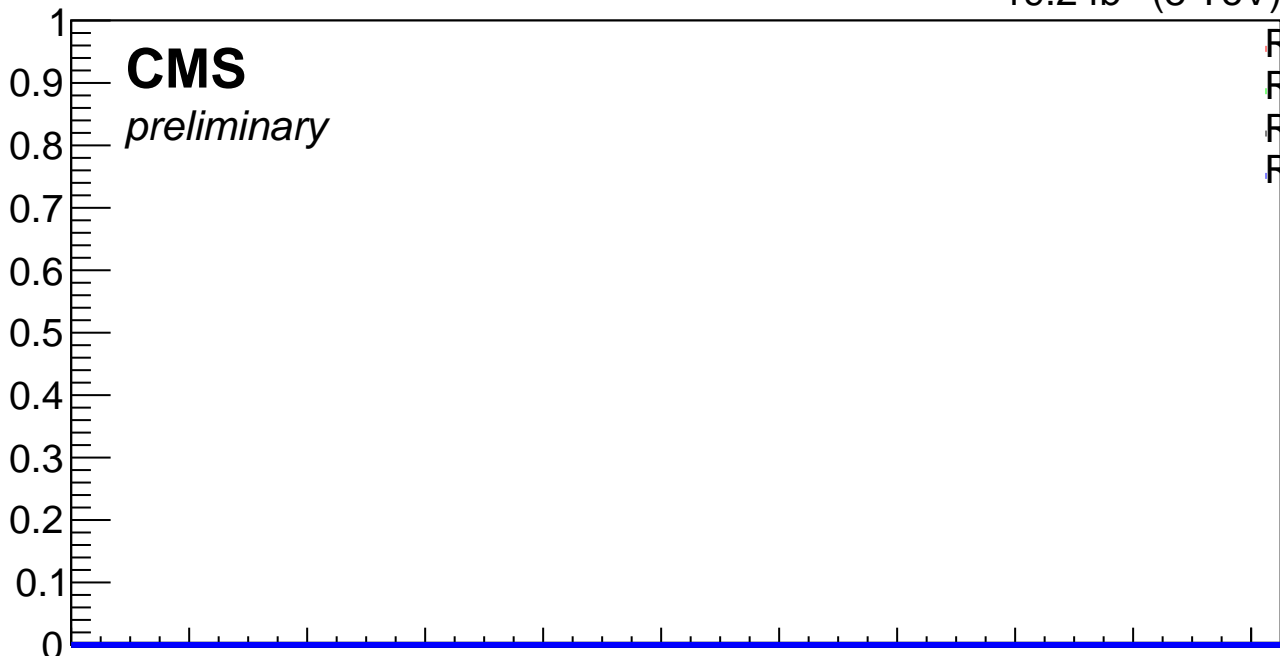
19.2 fb⁻¹ (8 TeV)

CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig

Data/Bkg

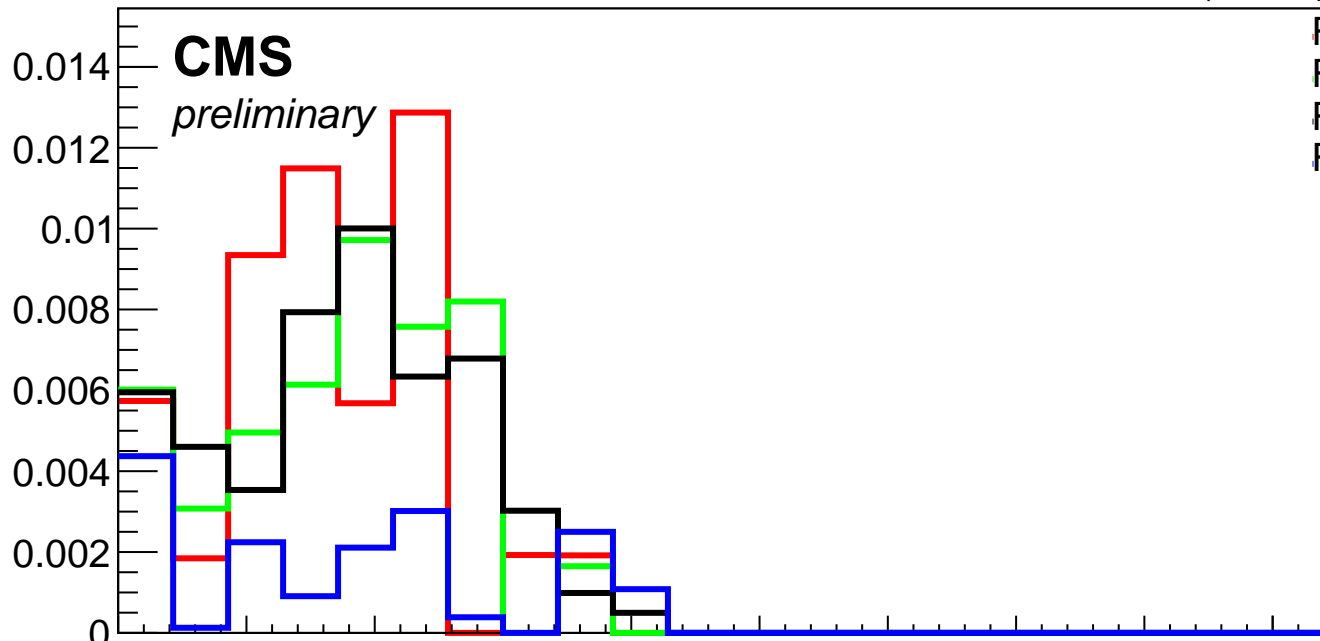


19.2 fb⁻¹ (8 TeV)

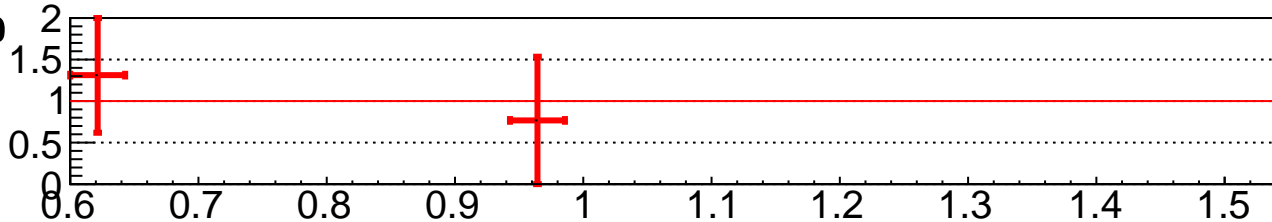
CMS

preliminary

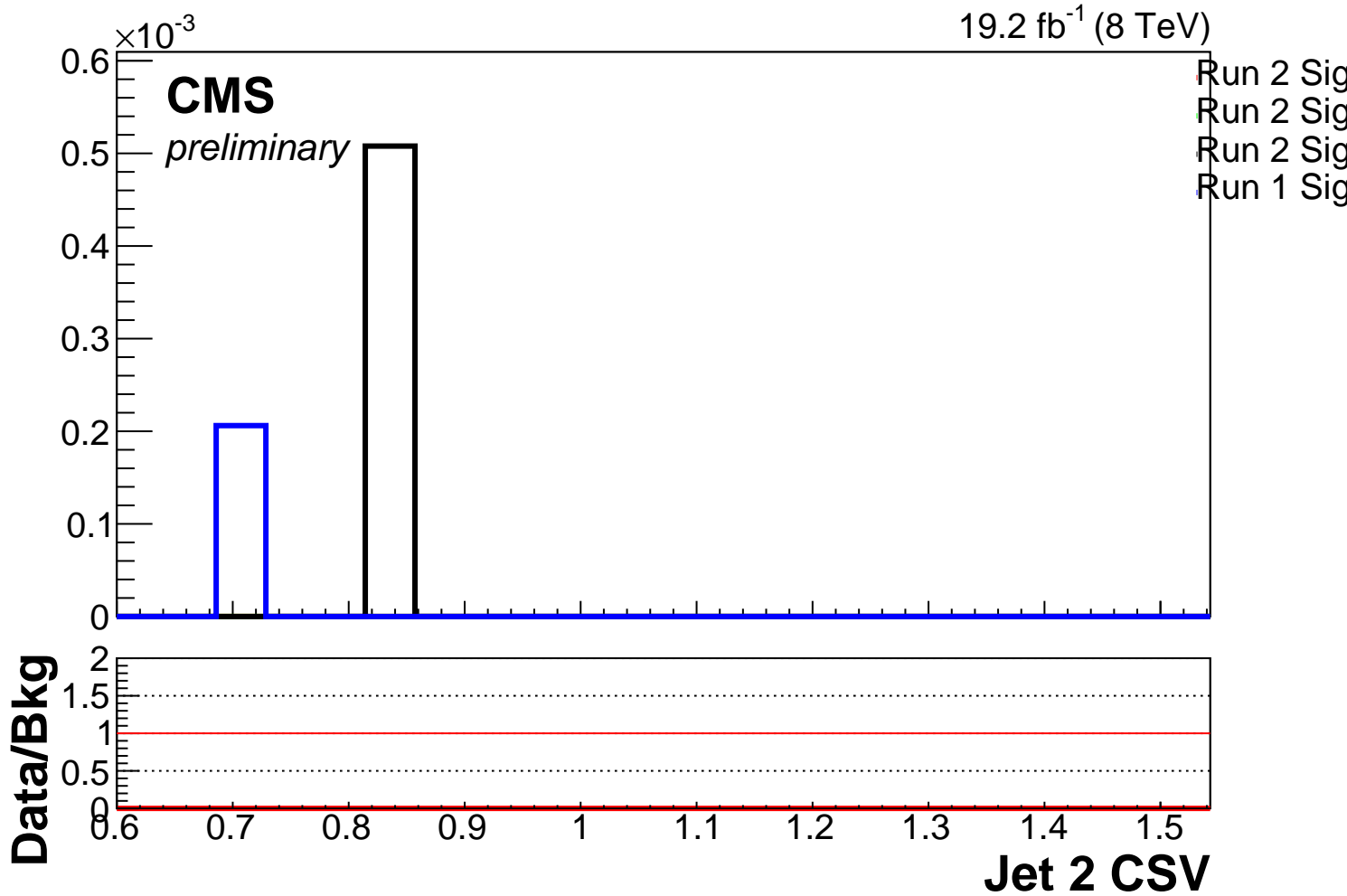
Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig



Data/Bkg



Jet 1 CSV

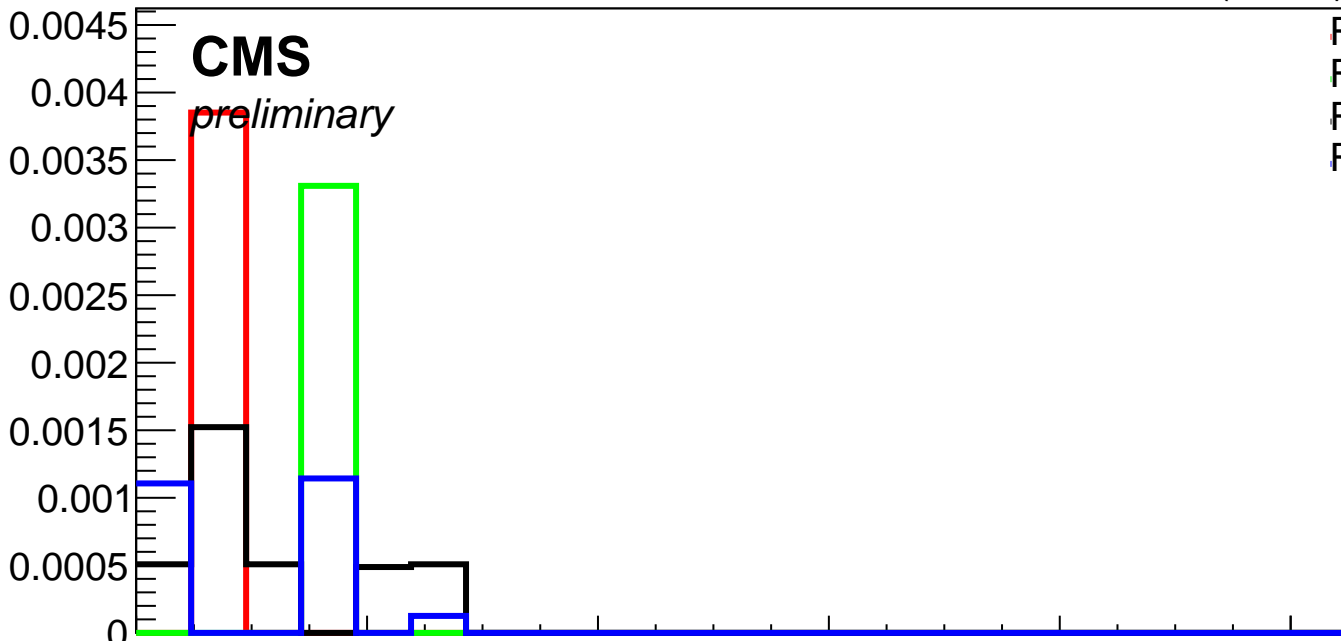


19.2 fb⁻¹ (8 TeV)

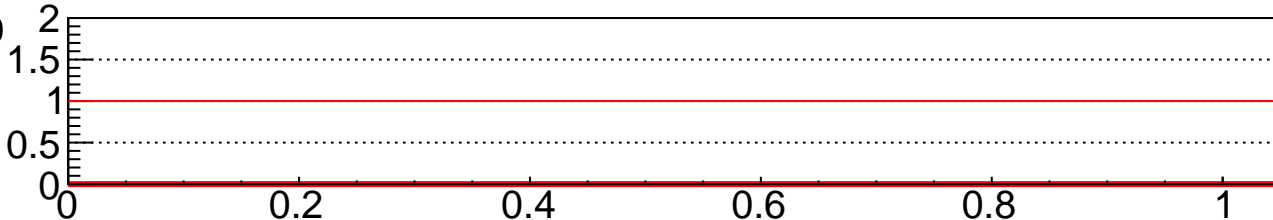
CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig



Data/Bkg



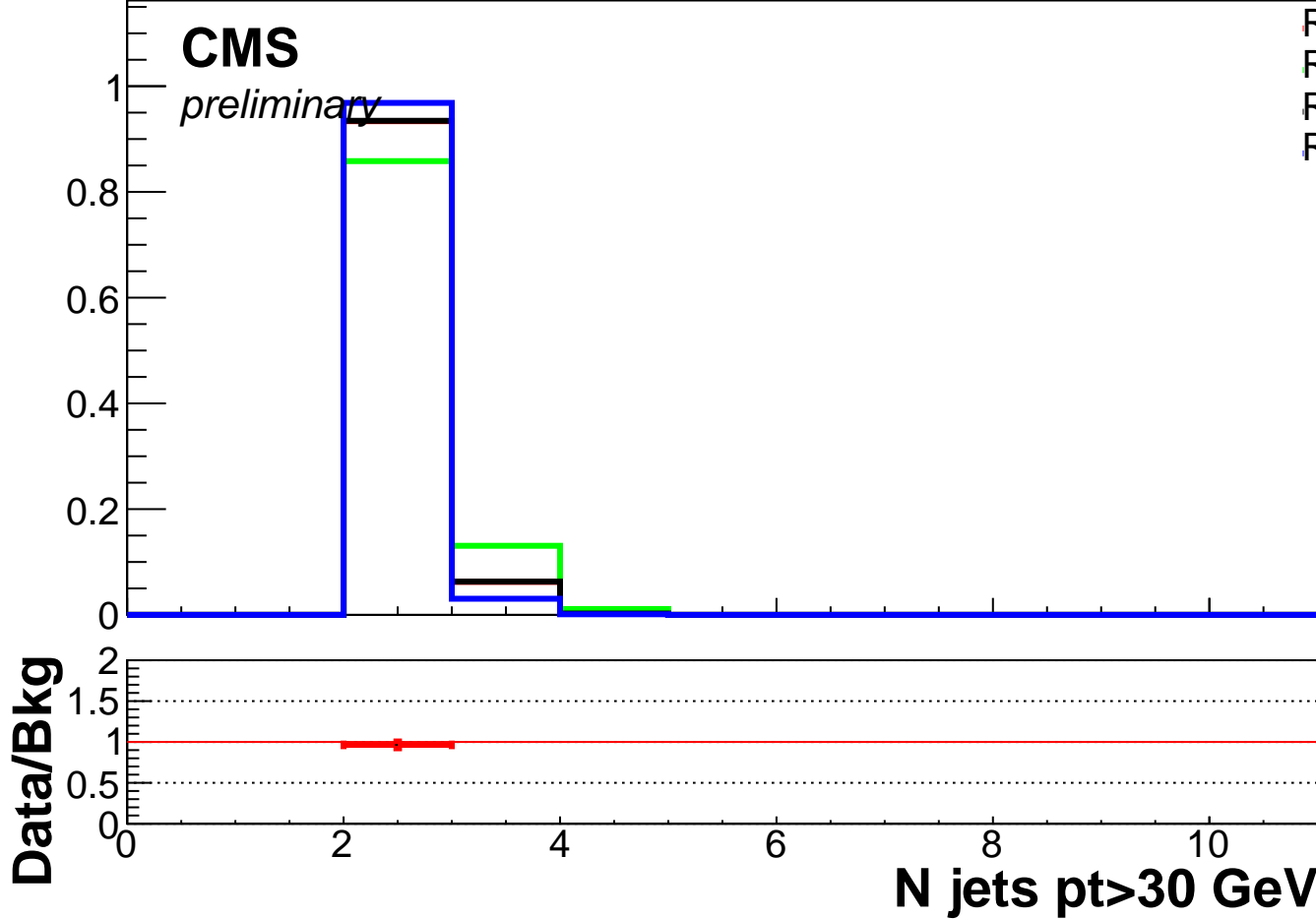
Jet 3 CSV

19.2 fb⁻¹ (8 TeV)

CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig

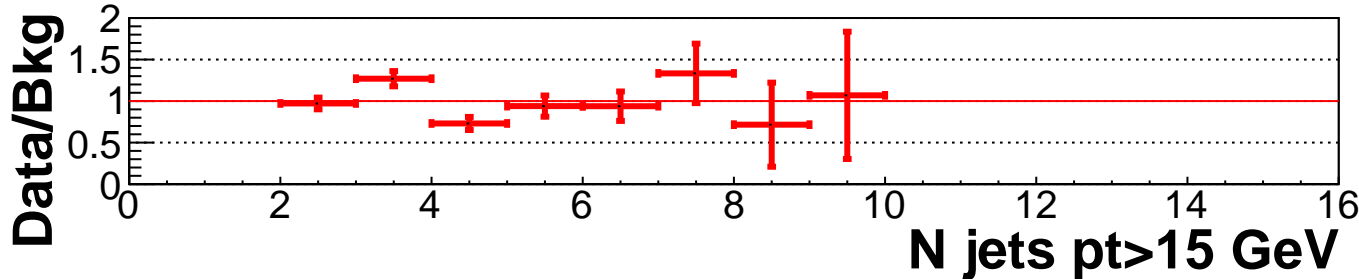
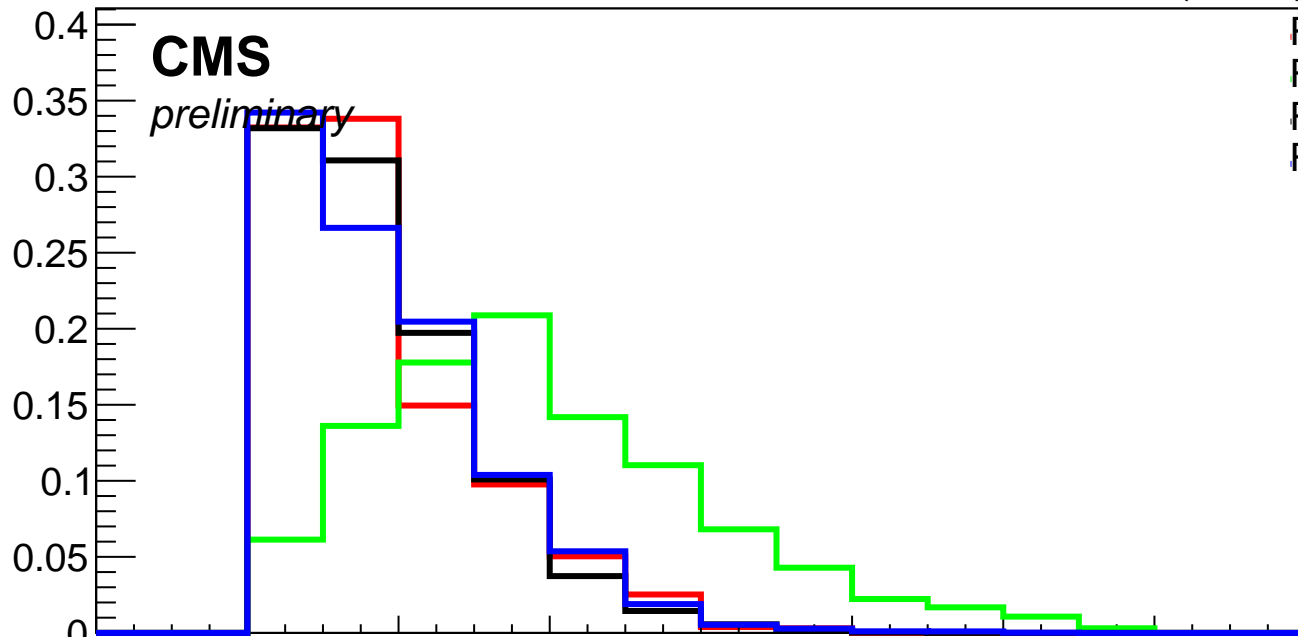


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

Run 2 Sig
Run 2 Sig
Run 2 Sig
Run 1 Sig

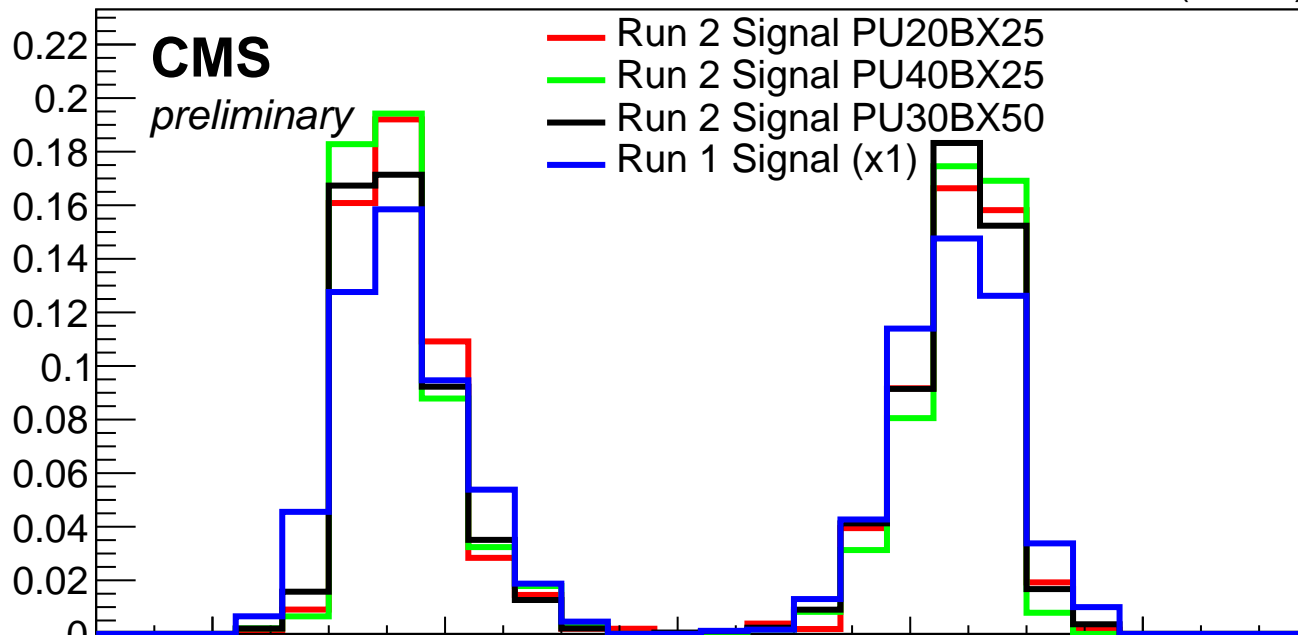


19.2 fb⁻¹ (8 TeV)

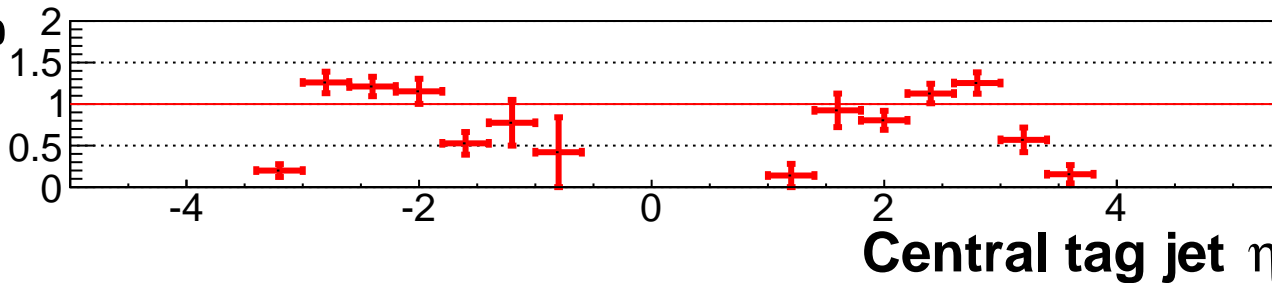
CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal (x1)



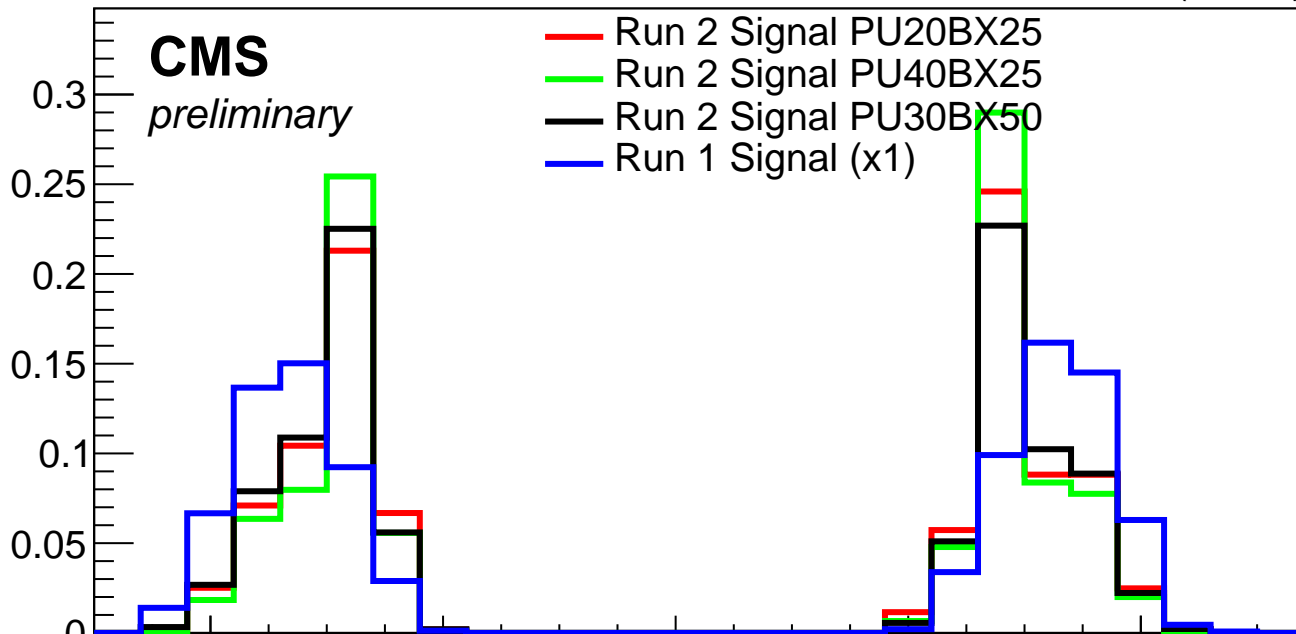
Data/Bkg



19.2 fb⁻¹ (8 TeV)

CMS
preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal (x1)



Data/Bkg

