

19.2 fb⁻¹ (8 TeV)

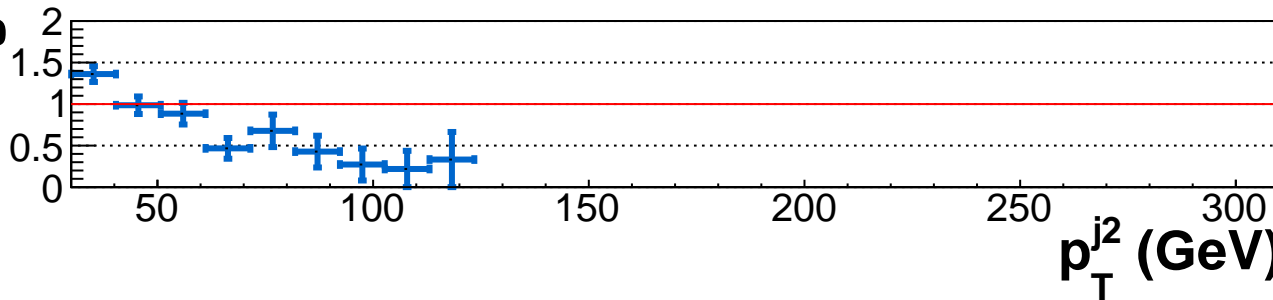
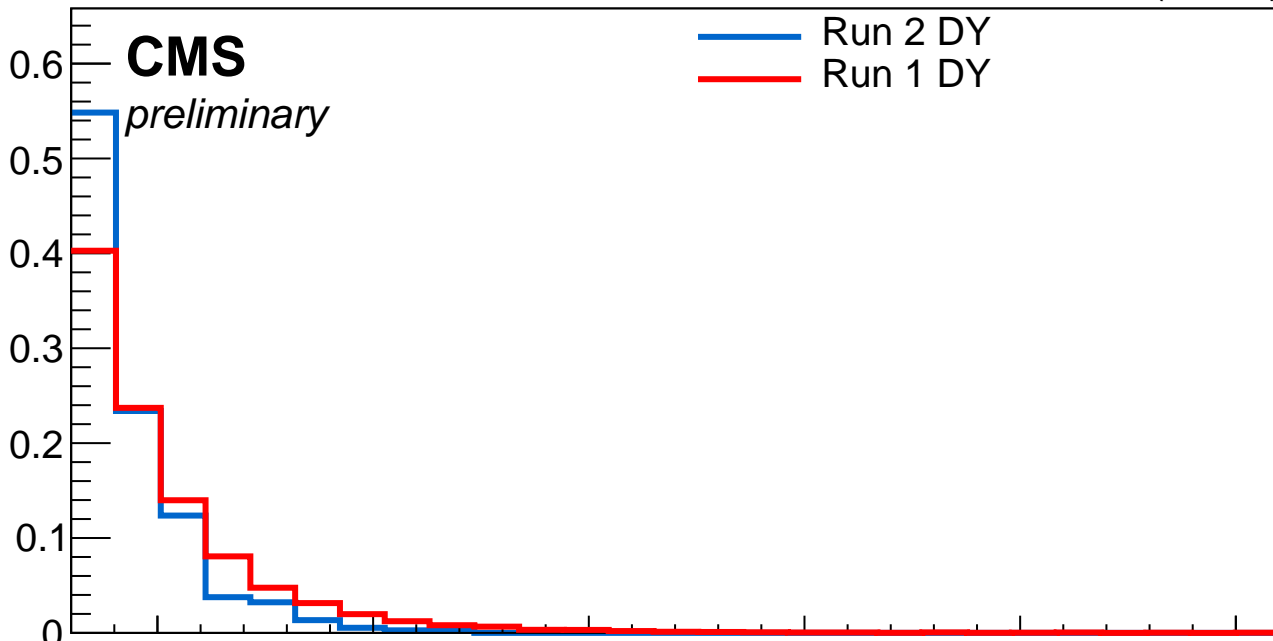
CMS

preliminary

Run 2 DY
Run 1 DY

Data/Bkg

p_T^{j2} (GeV)



19.2 fb⁻¹ (8 TeV)

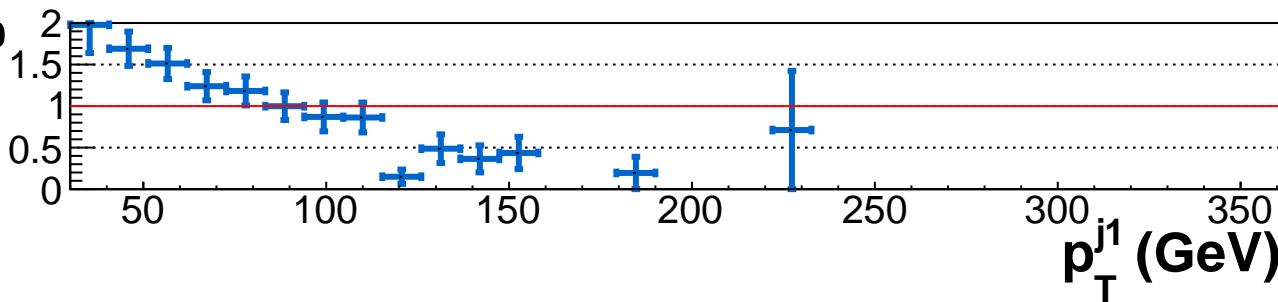
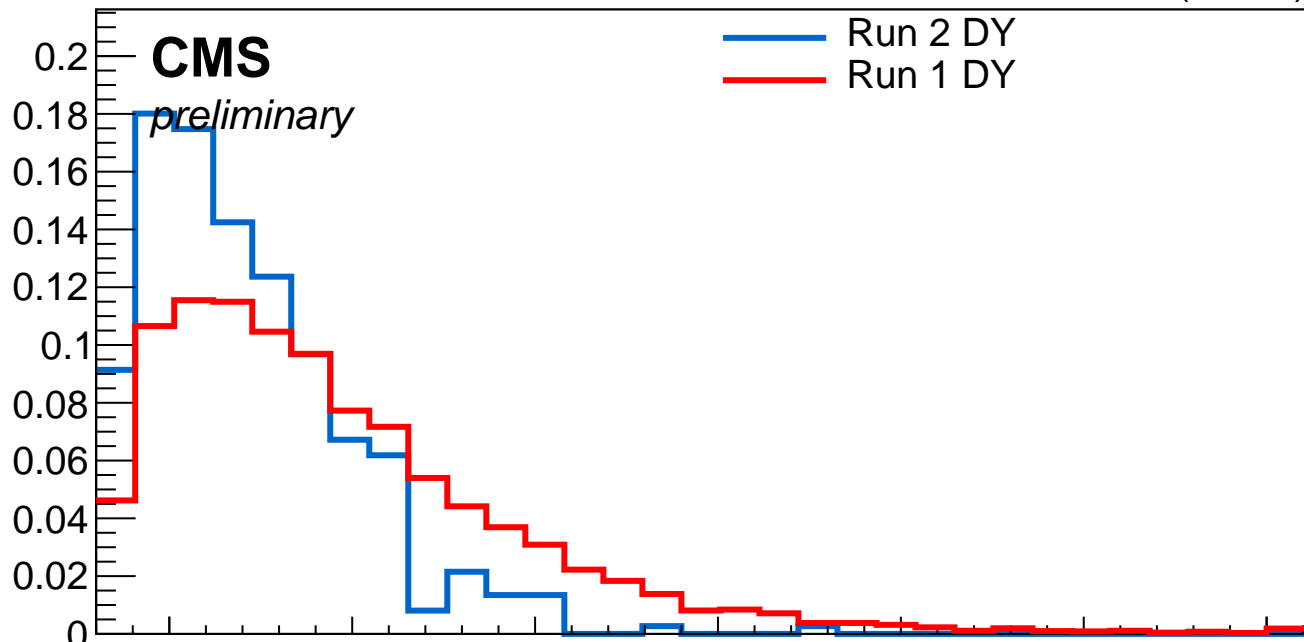
CMS

preliminary

Run 2 DY
Run 1 DY

Data/Bkg

p_T^{j1} (GeV)



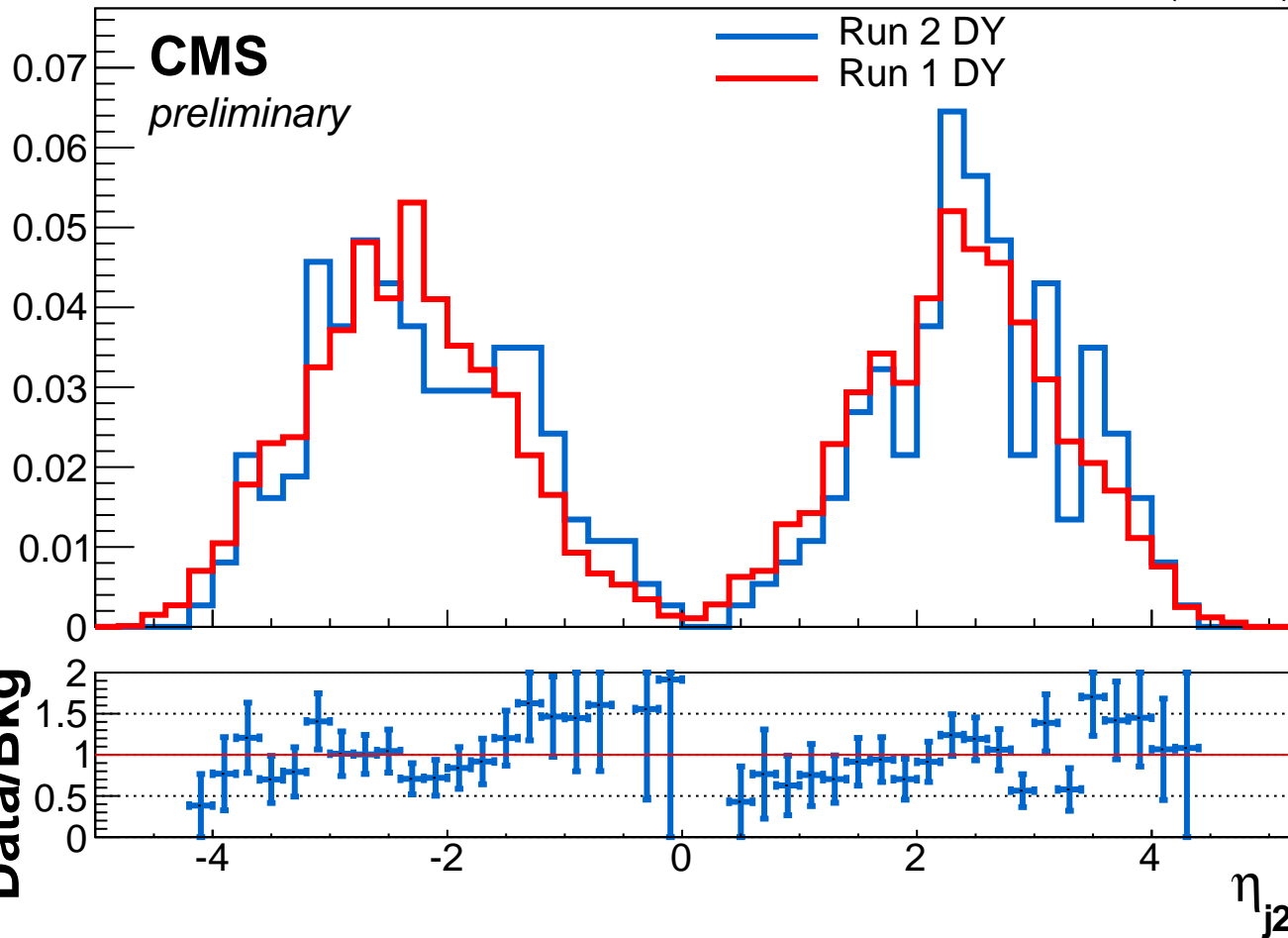
19.2 fb⁻¹ (8 TeV)

CMS
preliminary

Run 2 DY
Run 1 DY

Data/Bkg

η_{j2}



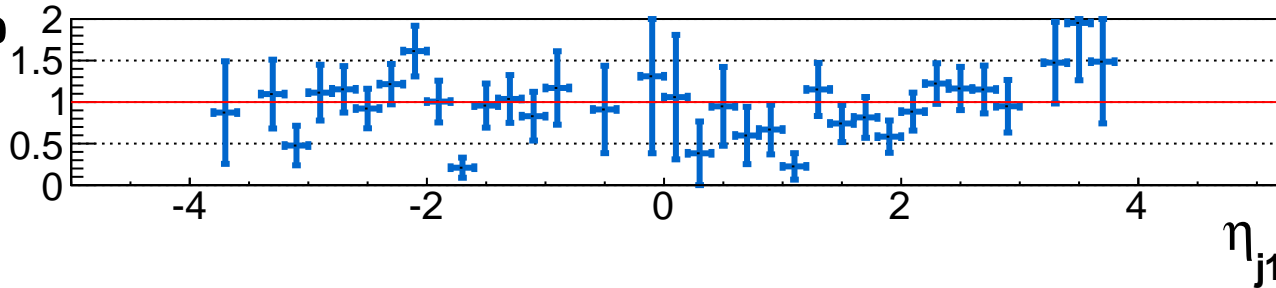
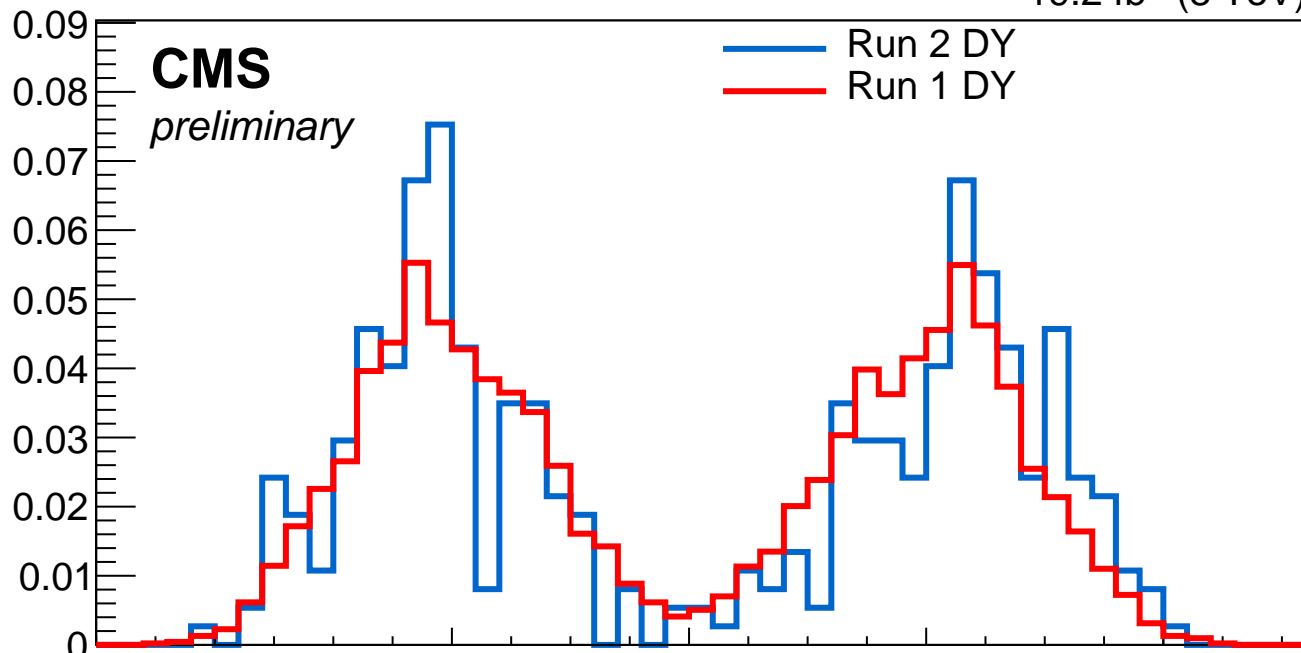
19.2 fb⁻¹ (8 TeV)

CMS
preliminary

— Run 2 DY
— Run 1 DY

Data/Bkg

η_{j1}



19.2 fb⁻¹ (8 TeV)

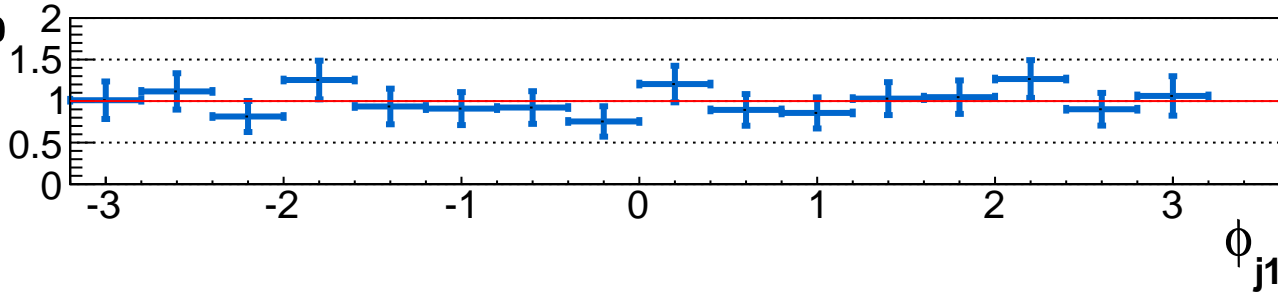
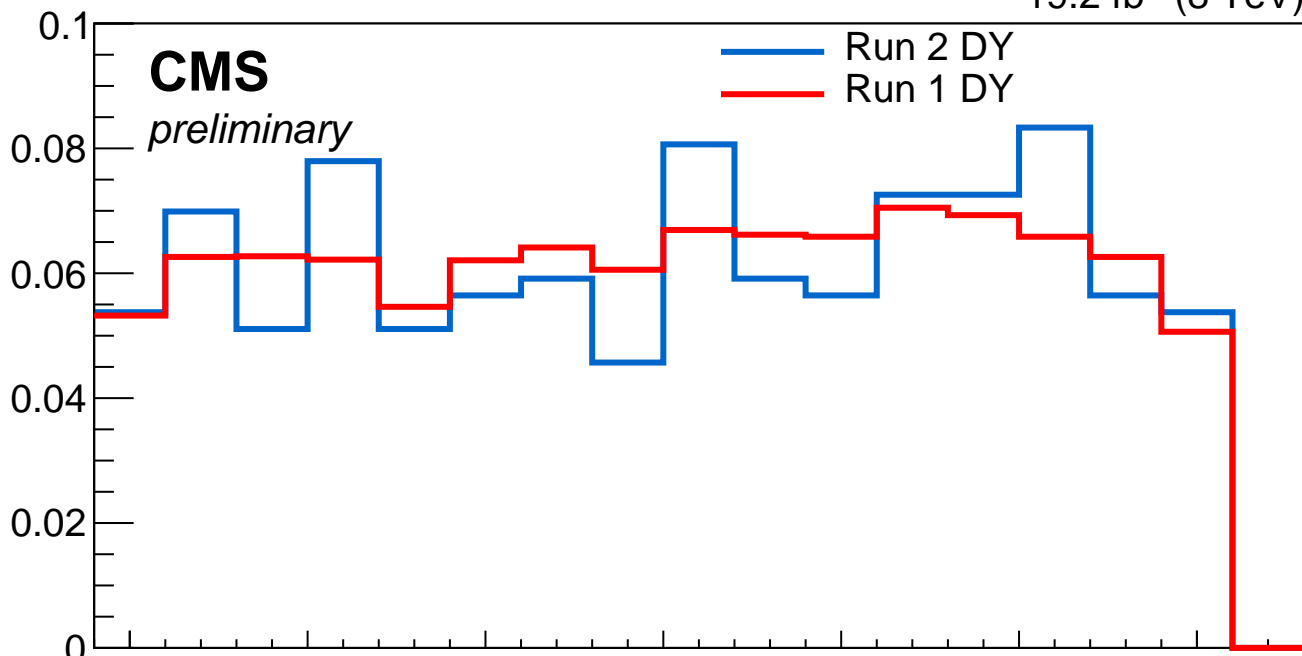
CMS

preliminary

Run 2 DY
Run 1 DY

Data/Bkg

ϕ_{j1}



19.2 fb⁻¹ (8 TeV)

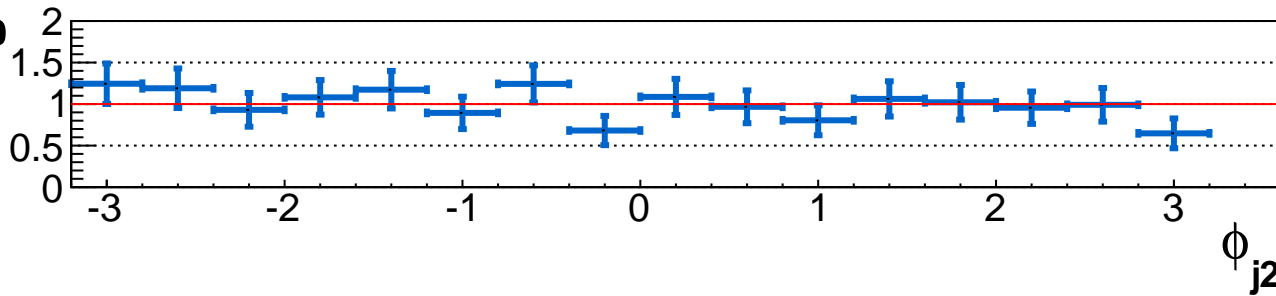
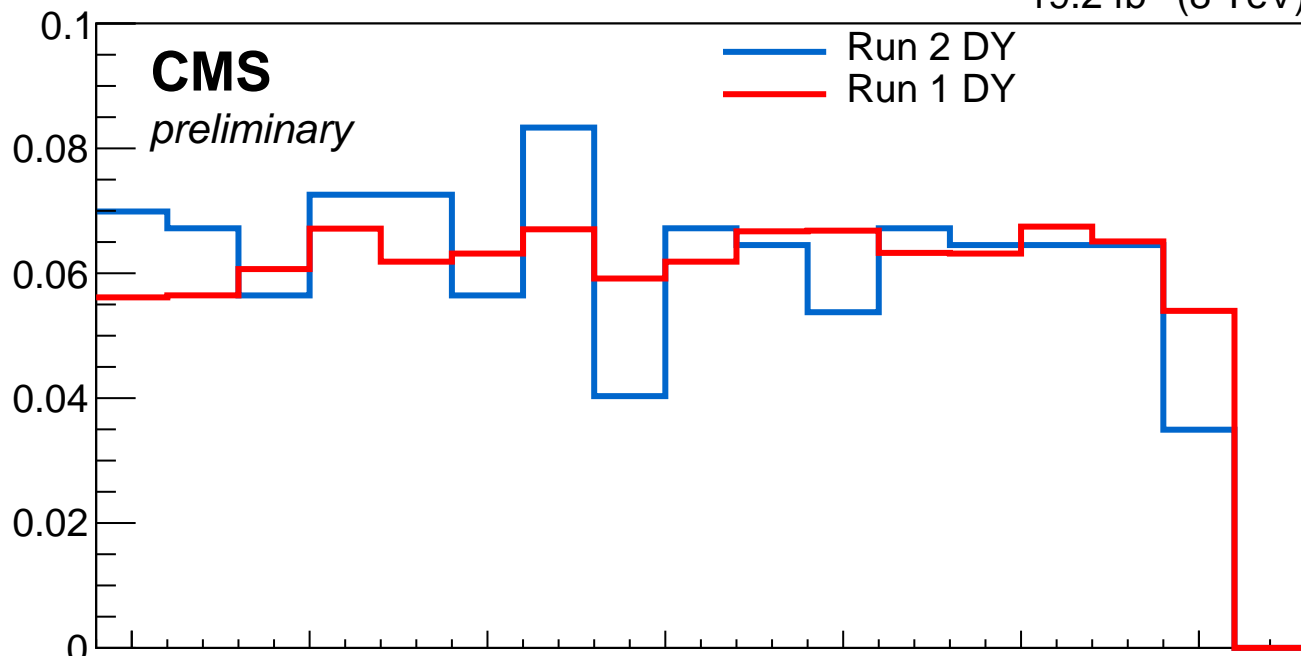
CMS

preliminary

Run 2 DY
Run 1 DY

Data/Bkg

ϕ_{j2}



19.2 fb⁻¹ (8 TeV)

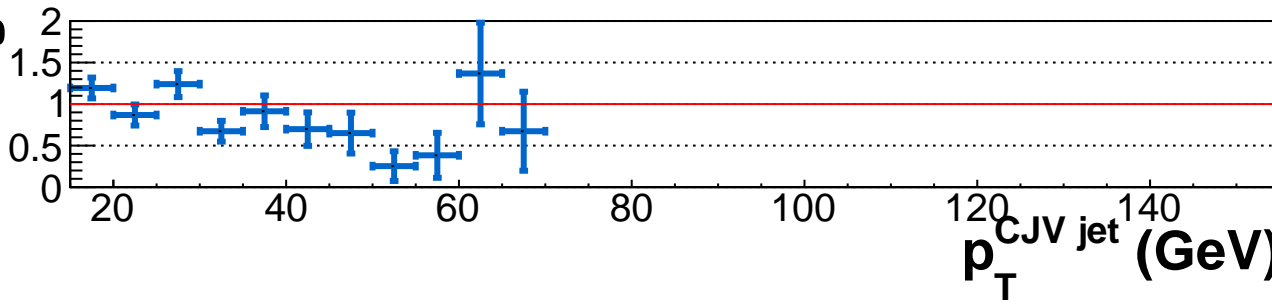
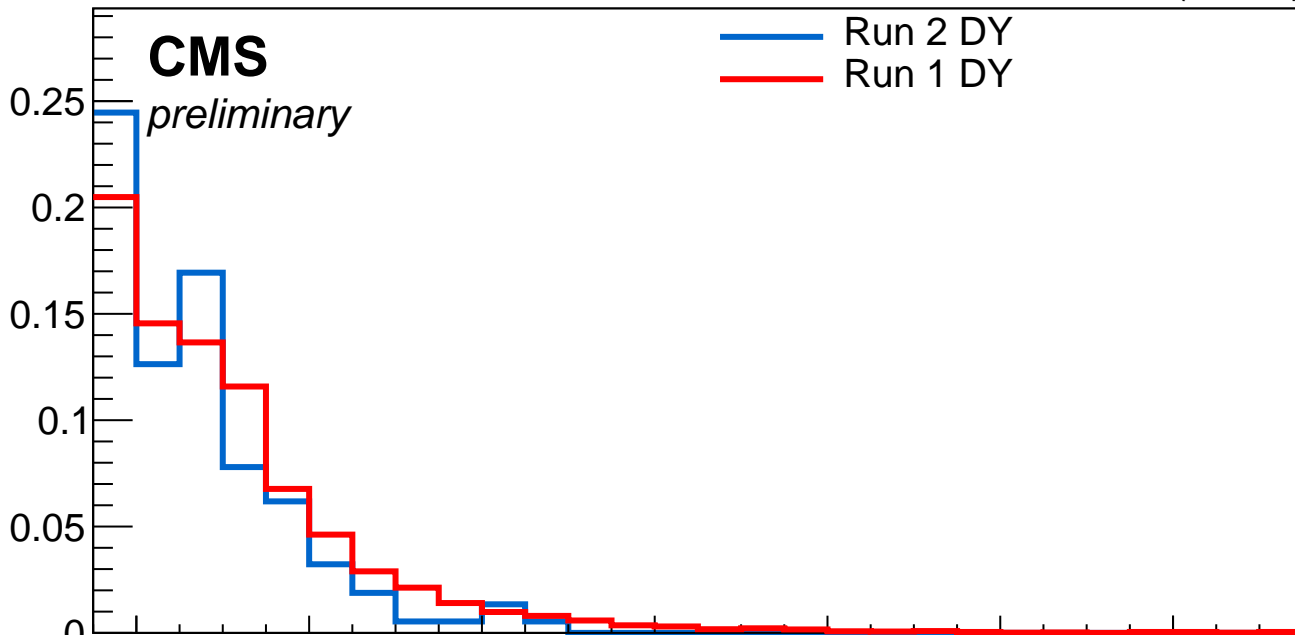
CMS

preliminary

Run 2 DY
Run 1 DY

Data/Bkg

p_T^{CJV jet} (GeV)



19.2 fb⁻¹ (8 TeV)

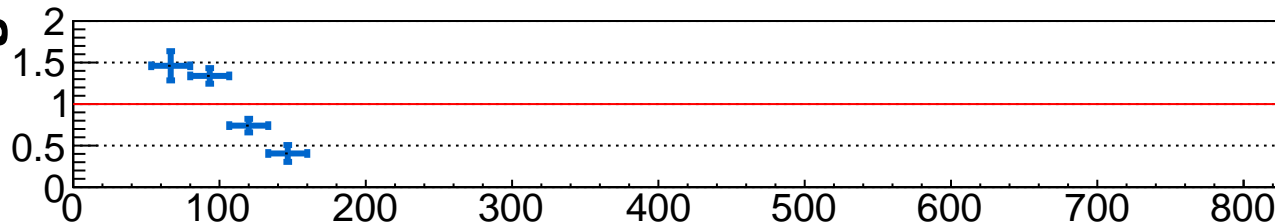
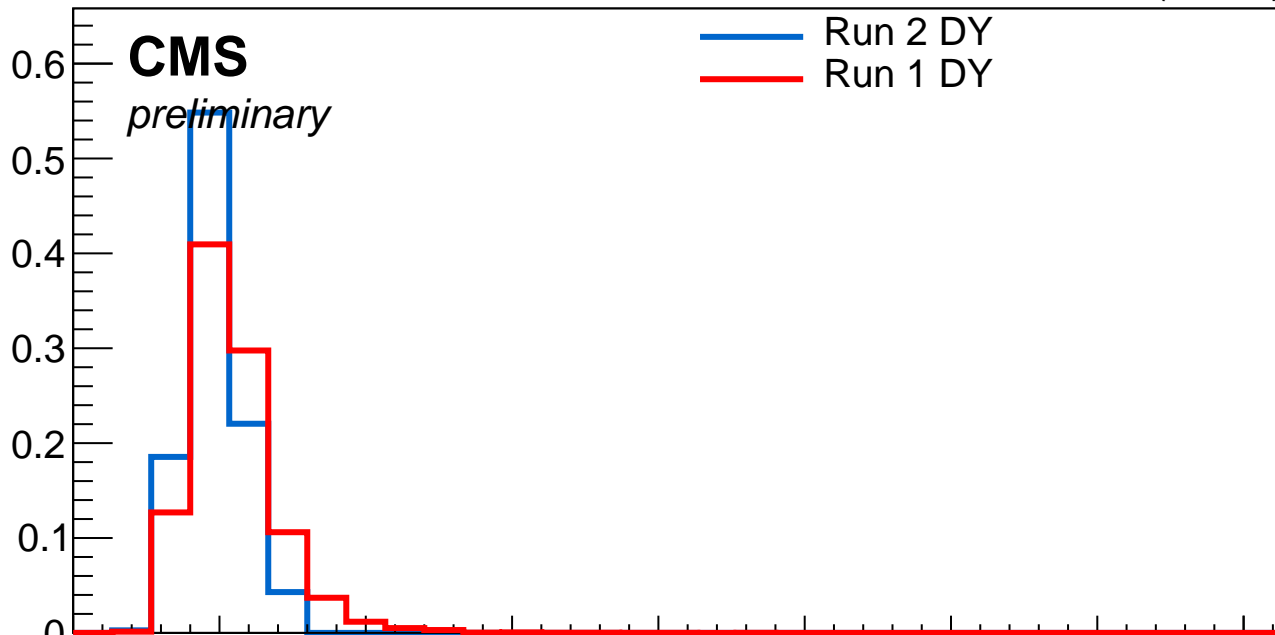
CMS

preliminary

Run 2 DY
Run 1 DY

Data/Bkg

Missing transverse energy (GeV)



19.2 fb⁻¹ (8 TeV)

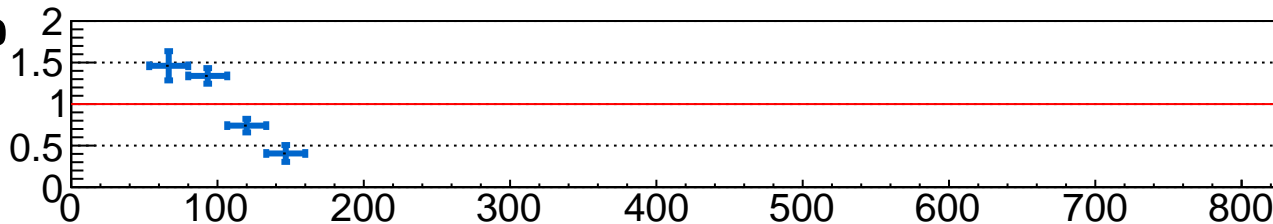
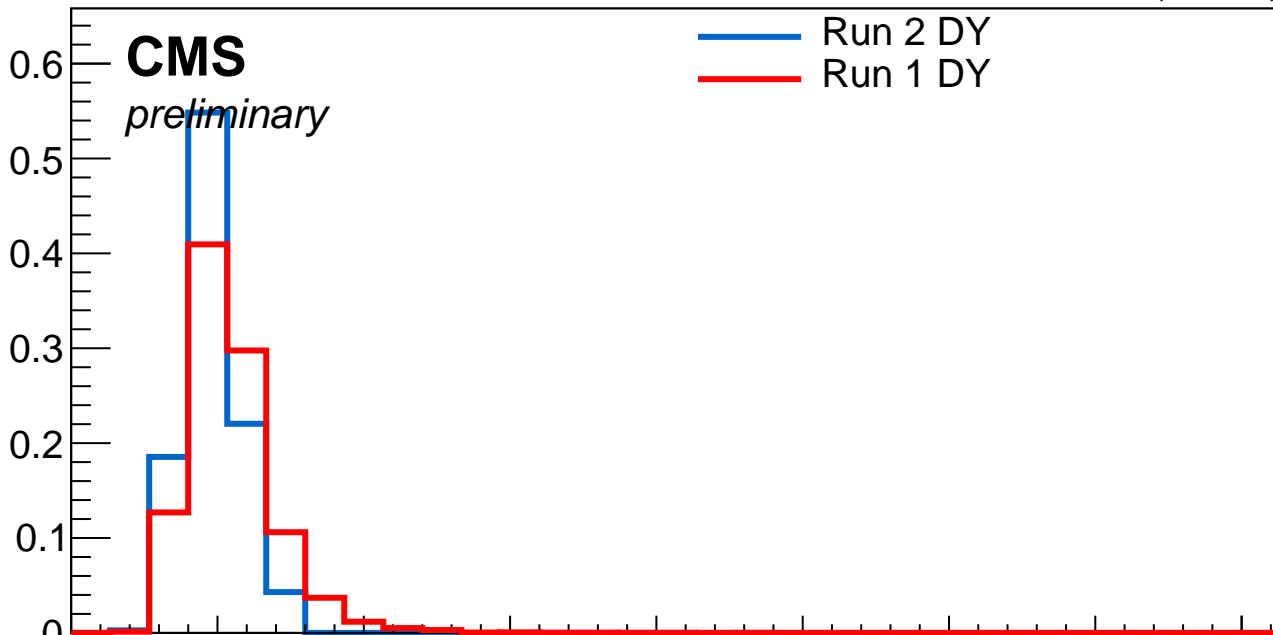
CMS

preliminary

Run 2 DY
Run 1 DY

Data/Bkg

MET (GeV)

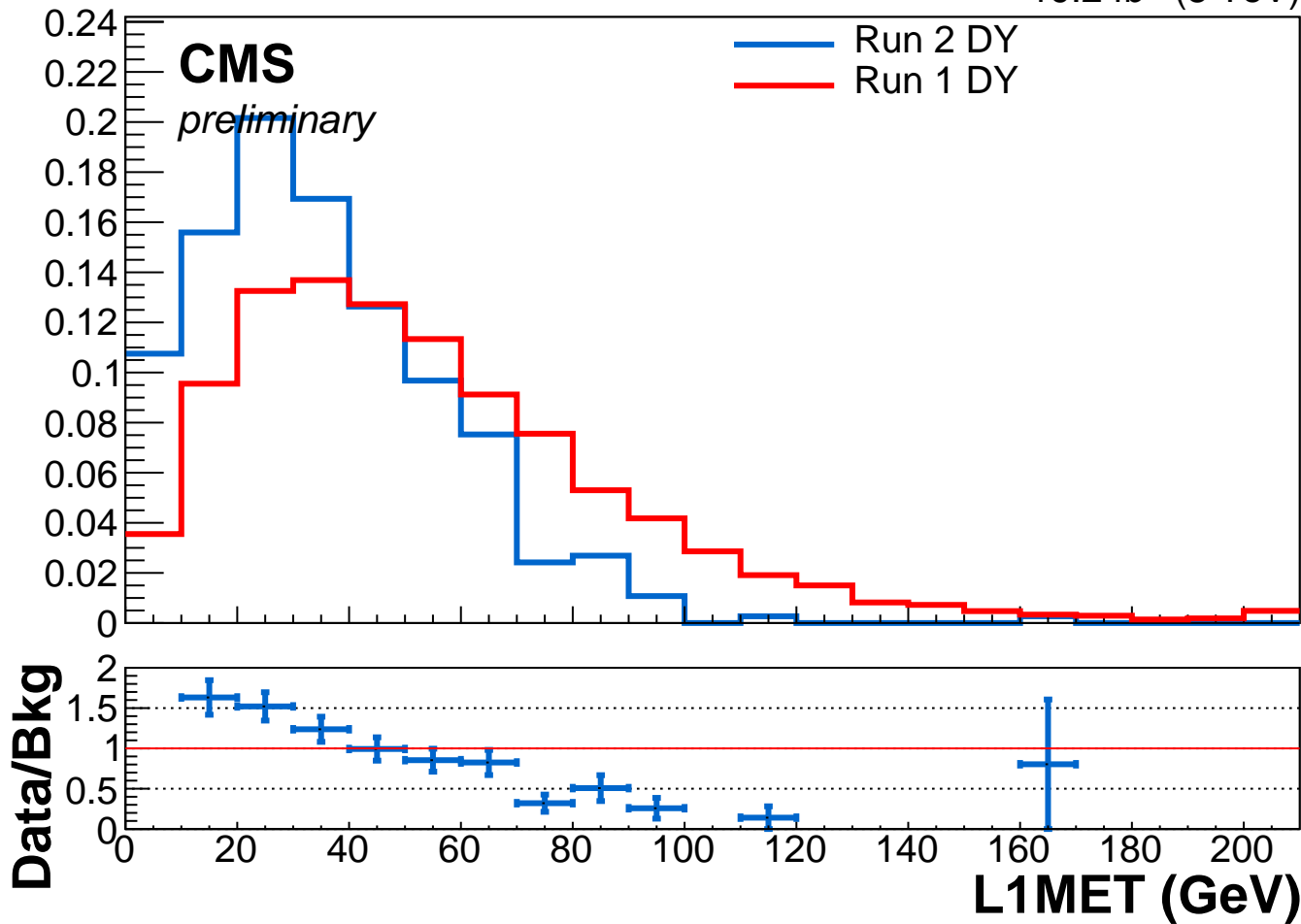


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

Run 2 DY
Run 1 DY

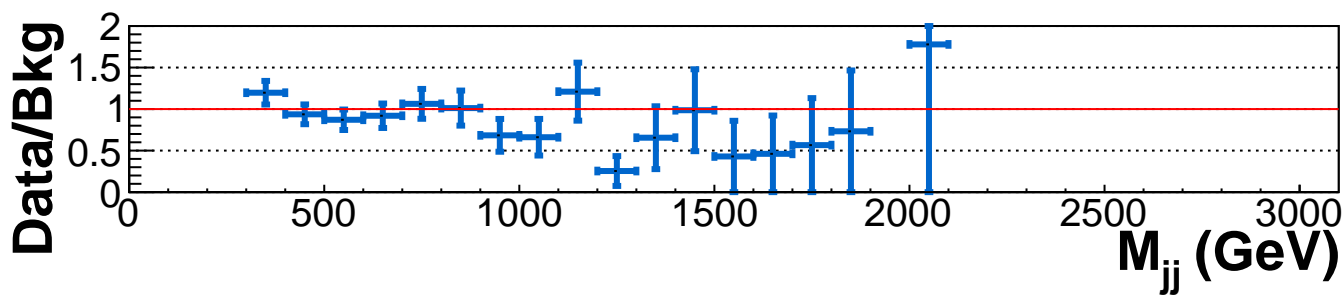


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

Run 2 DY
Run 1 DY



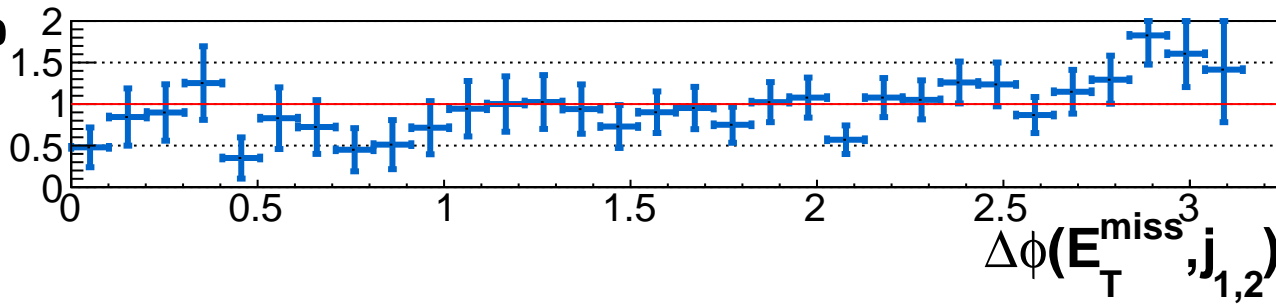
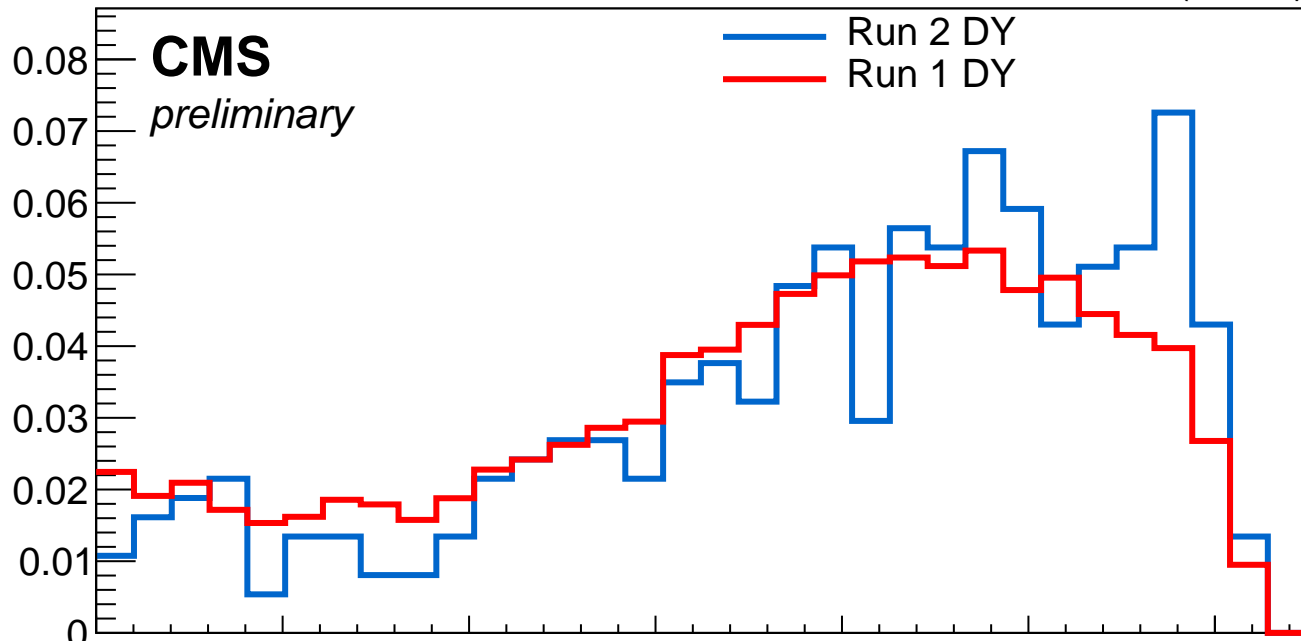
19.2 fb⁻¹ (8 TeV)

CMS

preliminary

Run 2 DY
Run 1 DY

Data/Bkg

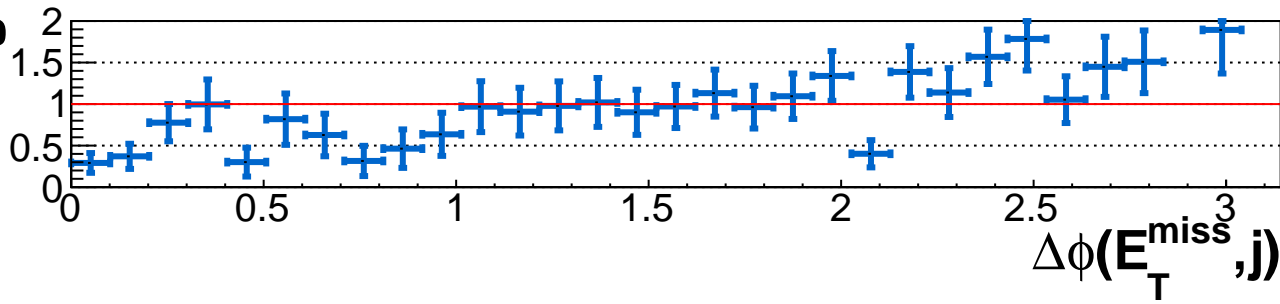
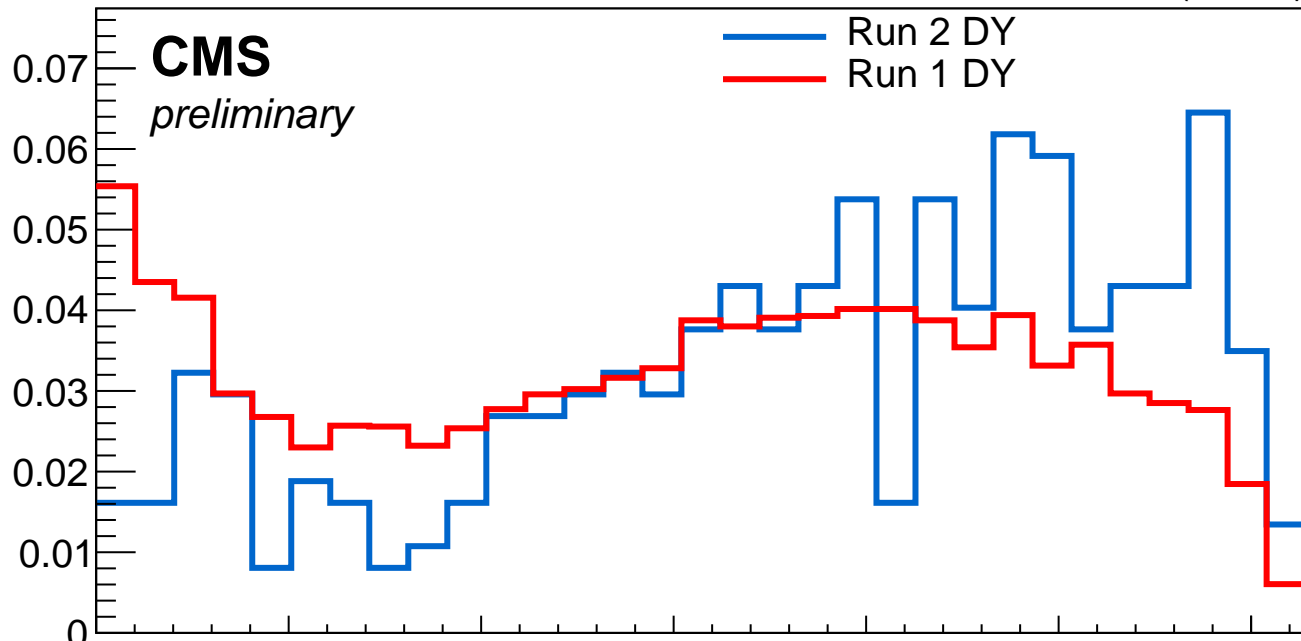


19.2 fb⁻¹ (8 TeV)

CMS
preliminary

Run 2 DY
Run 1 DY

Data/Bkg

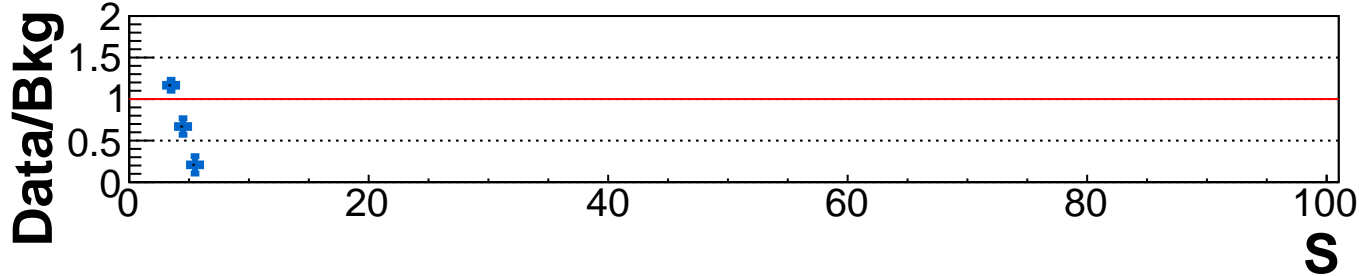


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

Run 2 DY
Run 1 DY



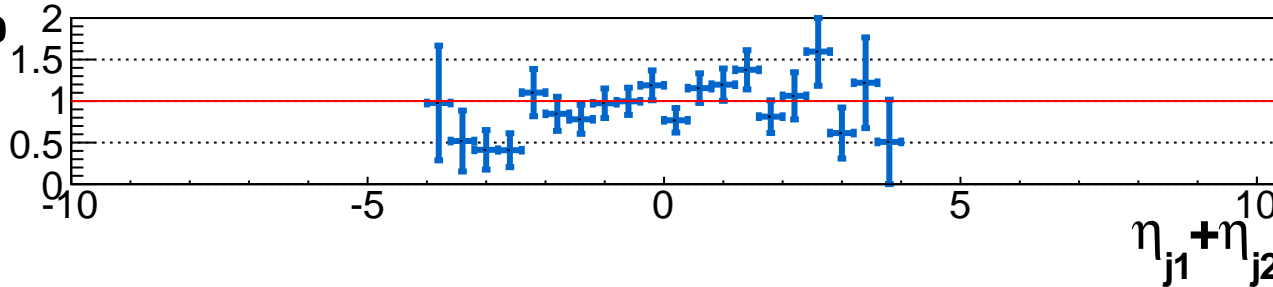
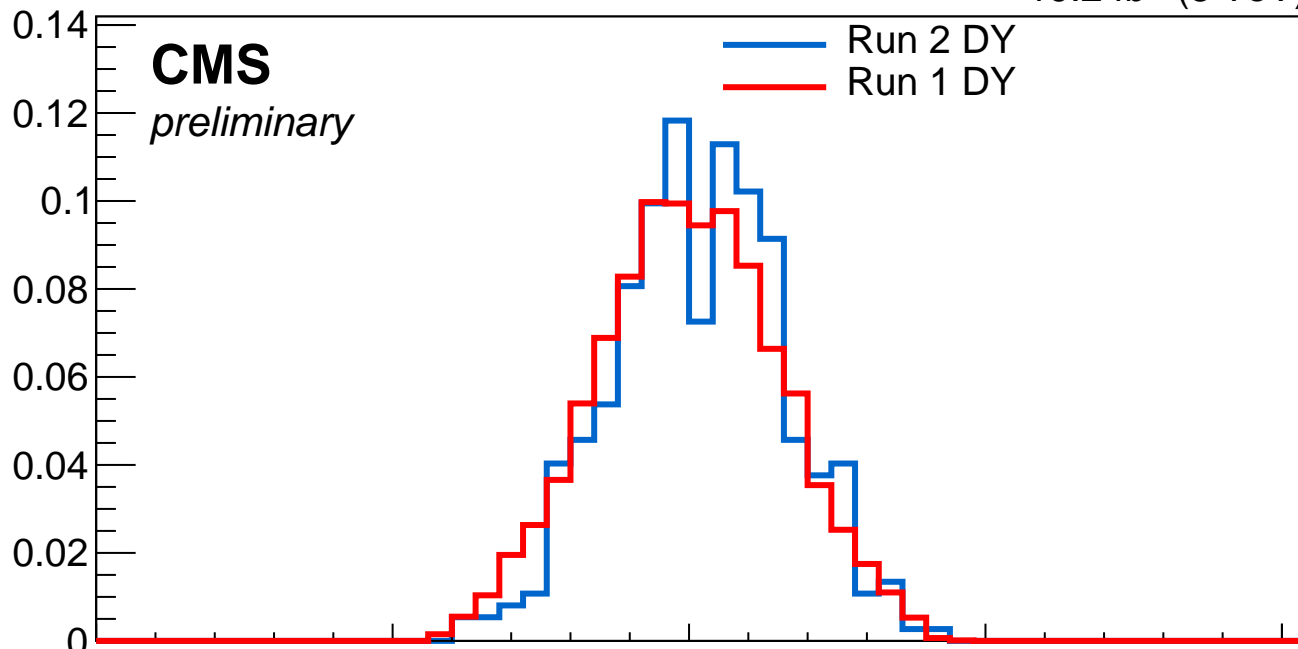
19.2 fb⁻¹ (8 TeV)

CMS
preliminary

— Run 2 DY
— Run 1 DY

Data/Bkg

$\eta_{j1} + \eta_{j2}$



19.2 fb⁻¹ (8 TeV)

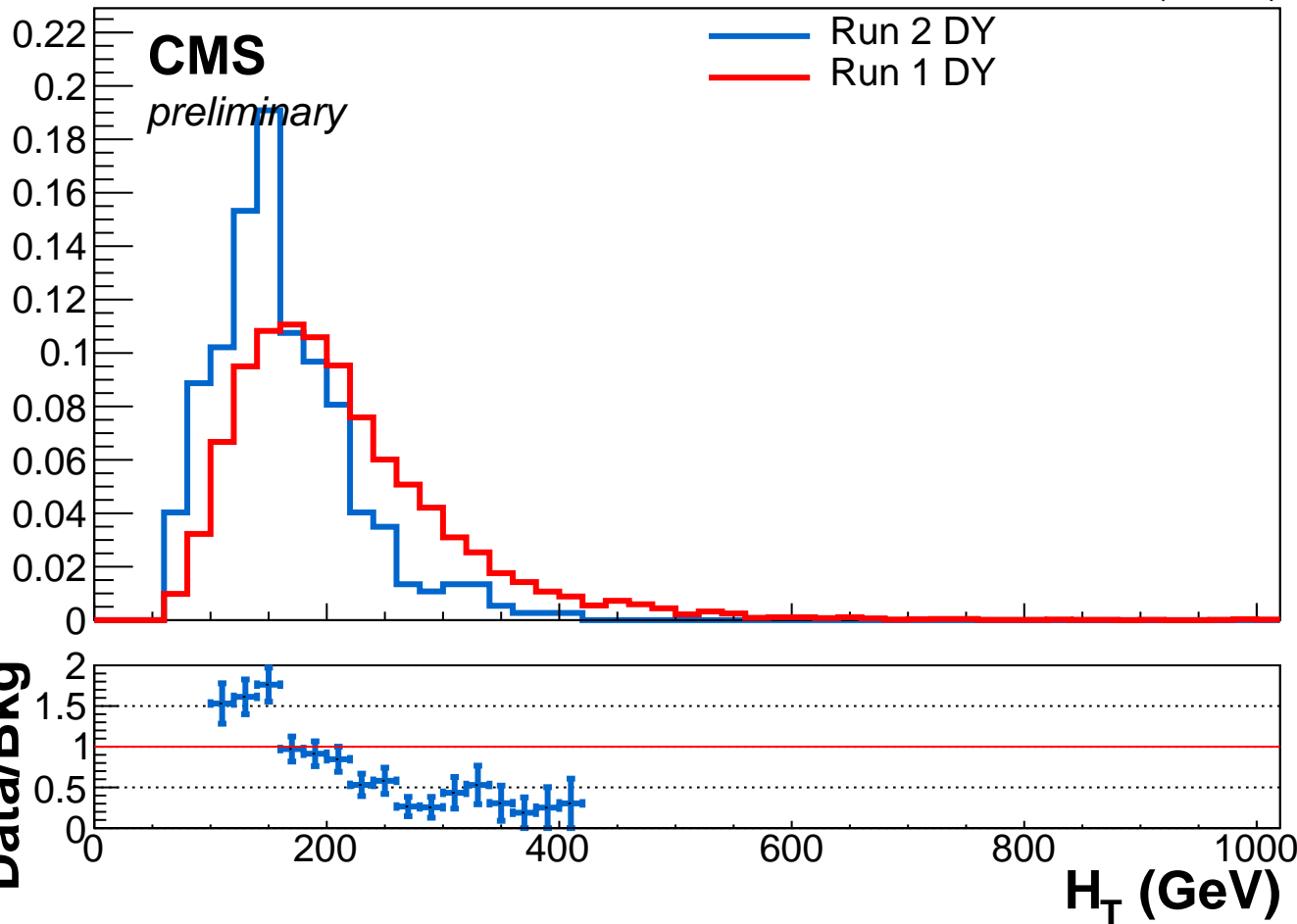
CMS

preliminary

Run 2 DY
Run 1 DY

Data/Bkg

H_T (GeV)



19.2 fb⁻¹ (8 TeV)

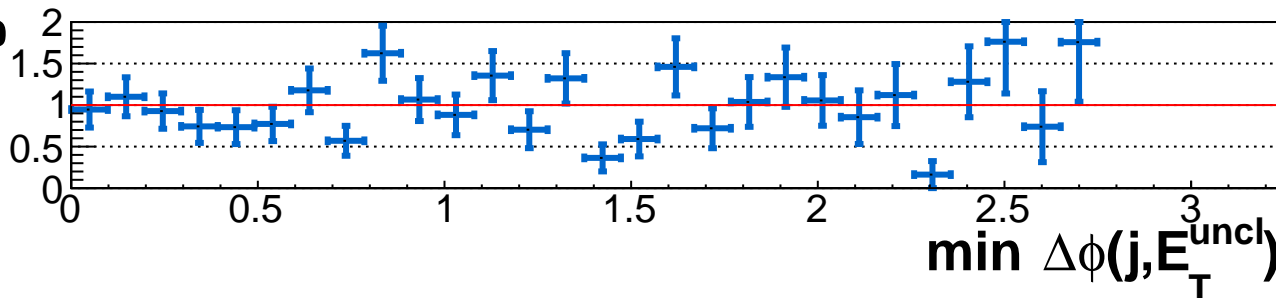
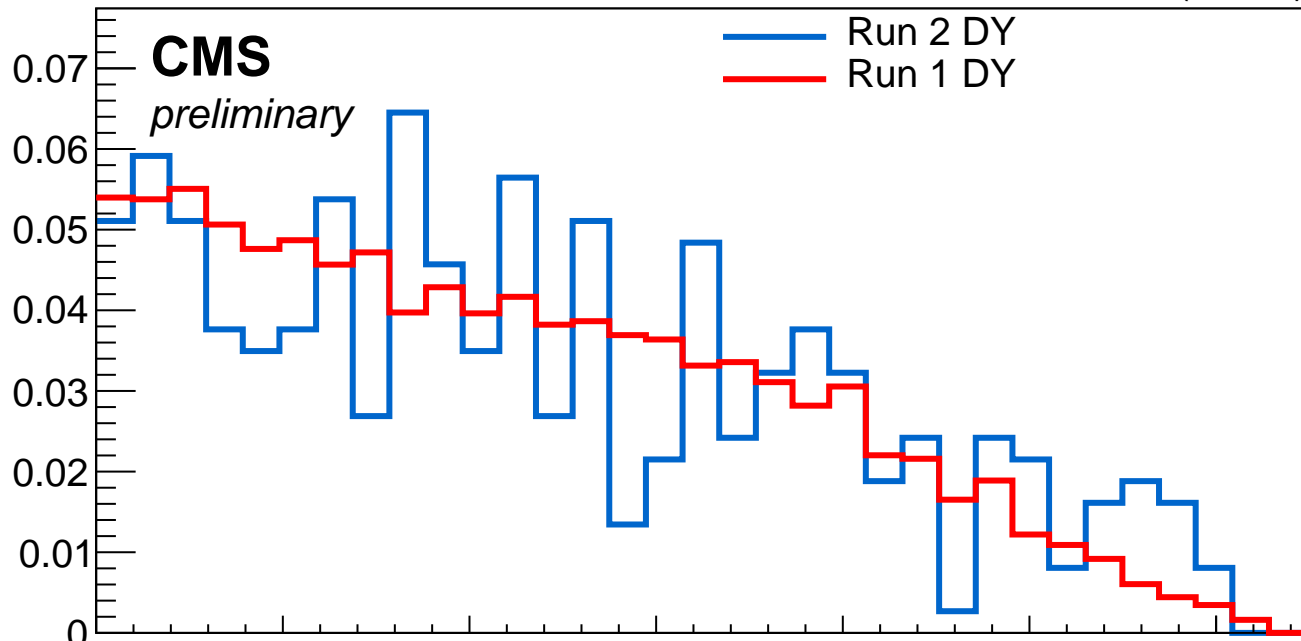
CMS

preliminary

— Run 2 DY
— Run 1 DY

Data/Bkg

min $\Delta\phi(j, E_T^{\text{unchl}})$



19.2 fb⁻¹ (8 TeV)

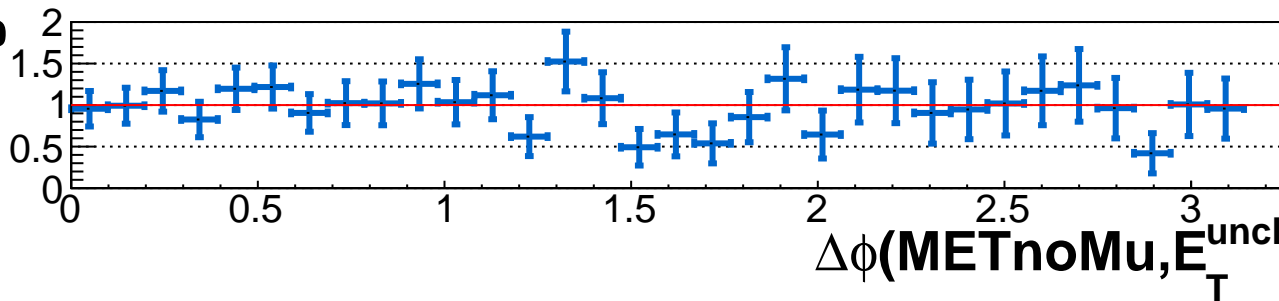
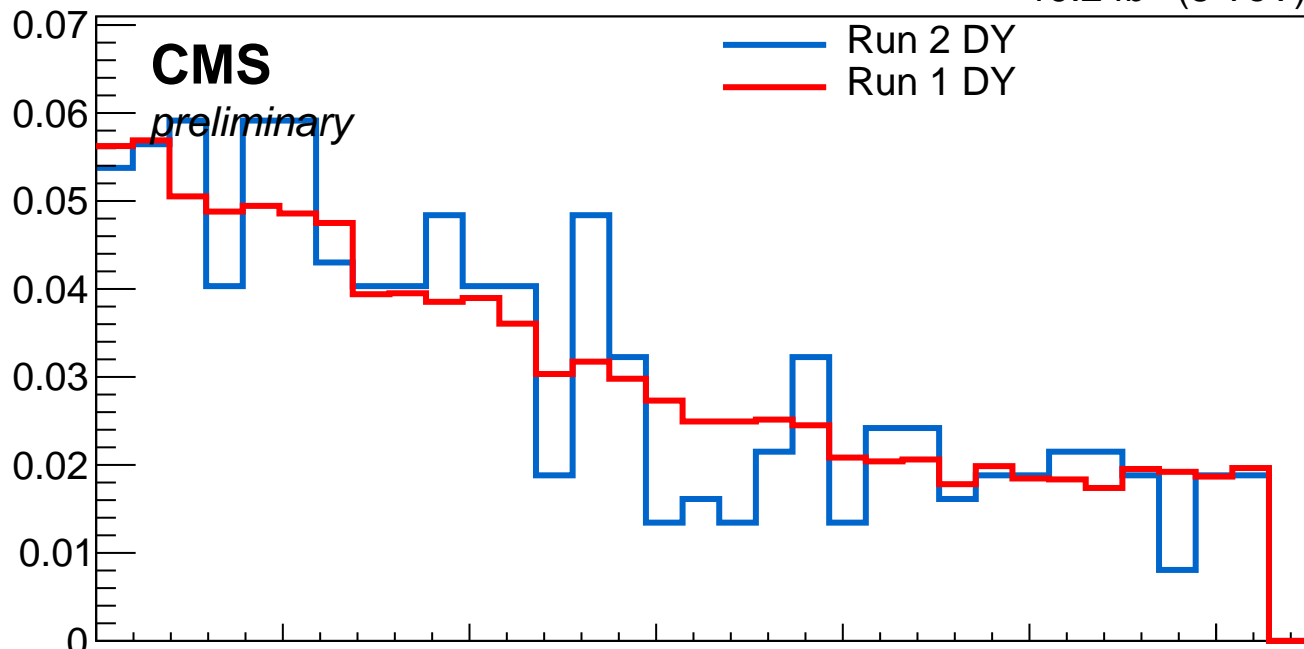
CMS

preliminary

Run 2 DY
Run 1 DY

Data/Bkg

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



19.2 fb⁻¹ (8 TeV)

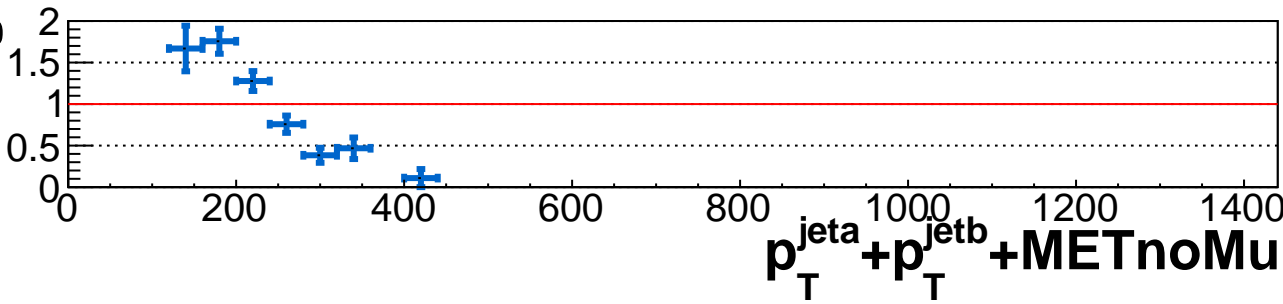
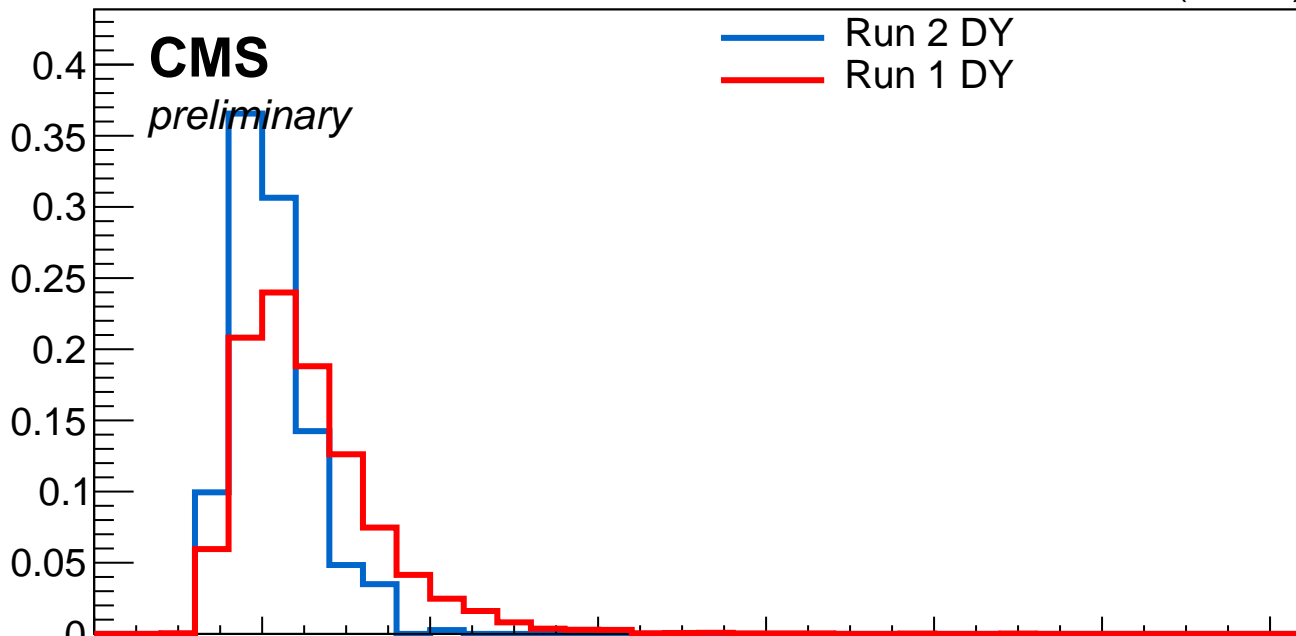
CMS

preliminary

Run 2 DY
Run 1 DY

Data/Bkg

$p_T^{\text{jeta}} + p_T^{\text{jetb}} + \text{MET}_{\text{noMu}}$

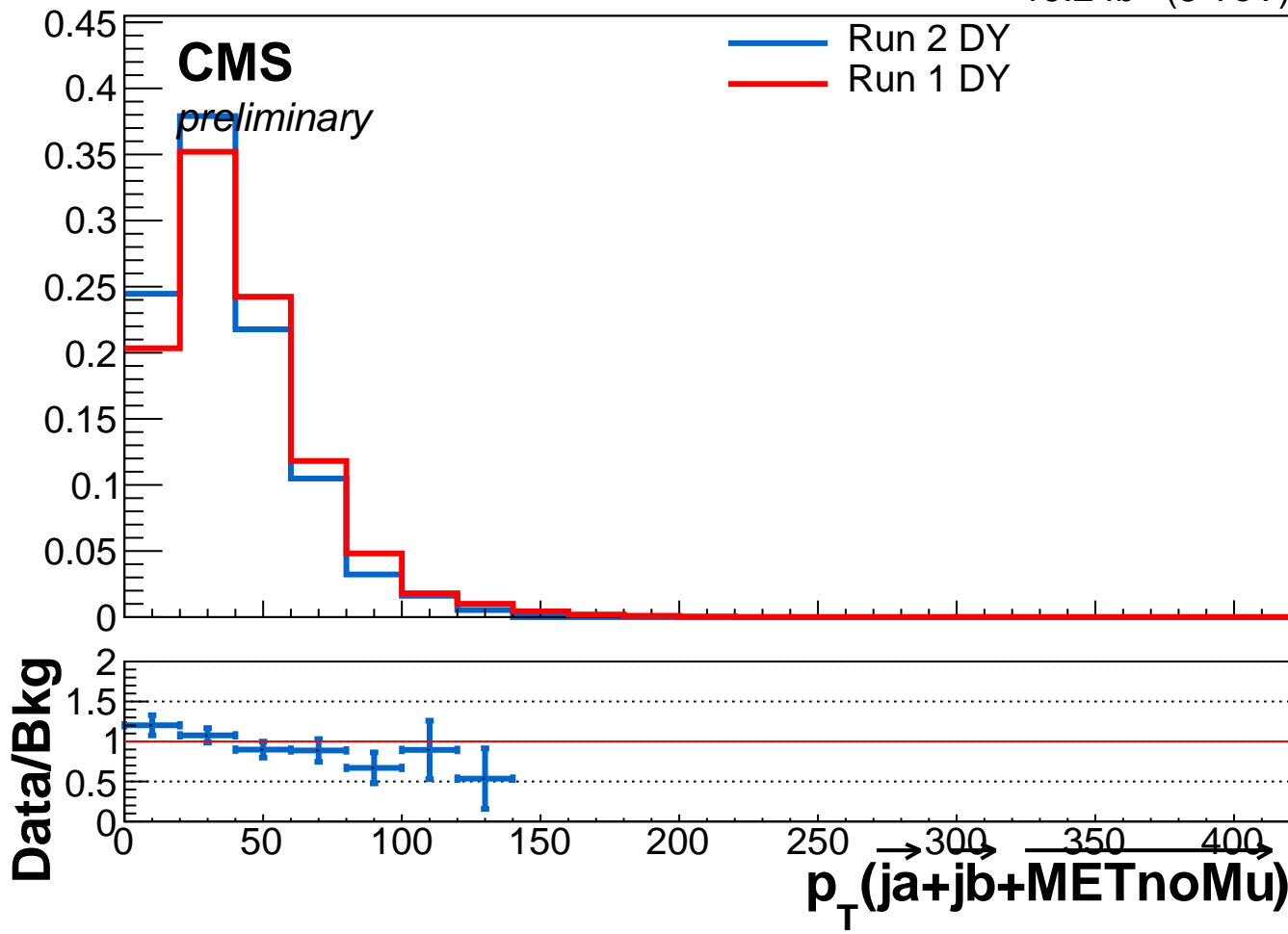


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

Run 2 DY
Run 1 DY

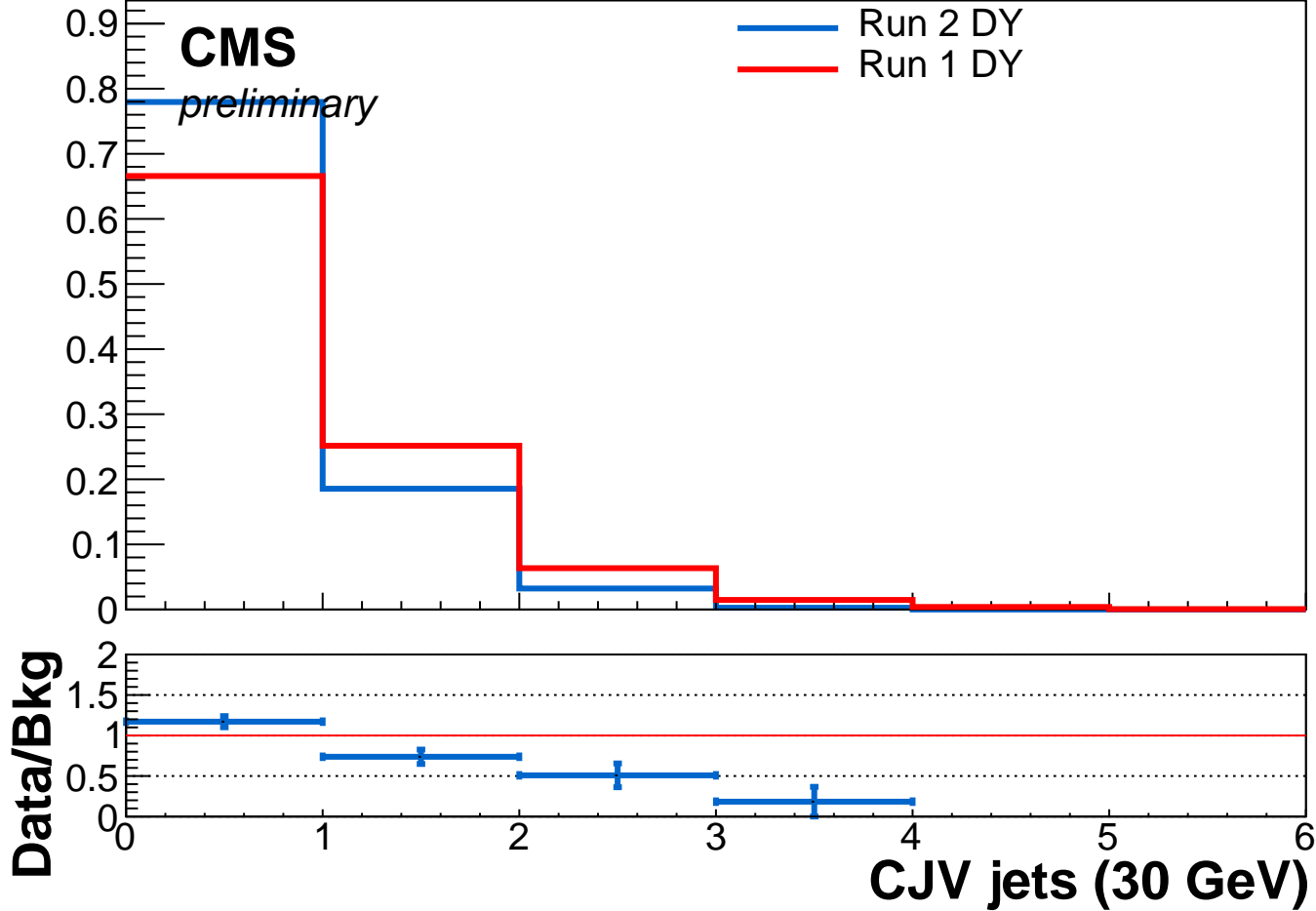


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

Run 2 DY
Run 1 DY



19.2 fb⁻¹ (8 TeV)

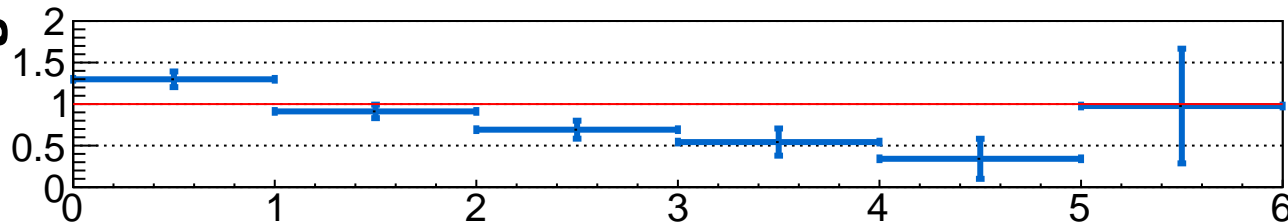
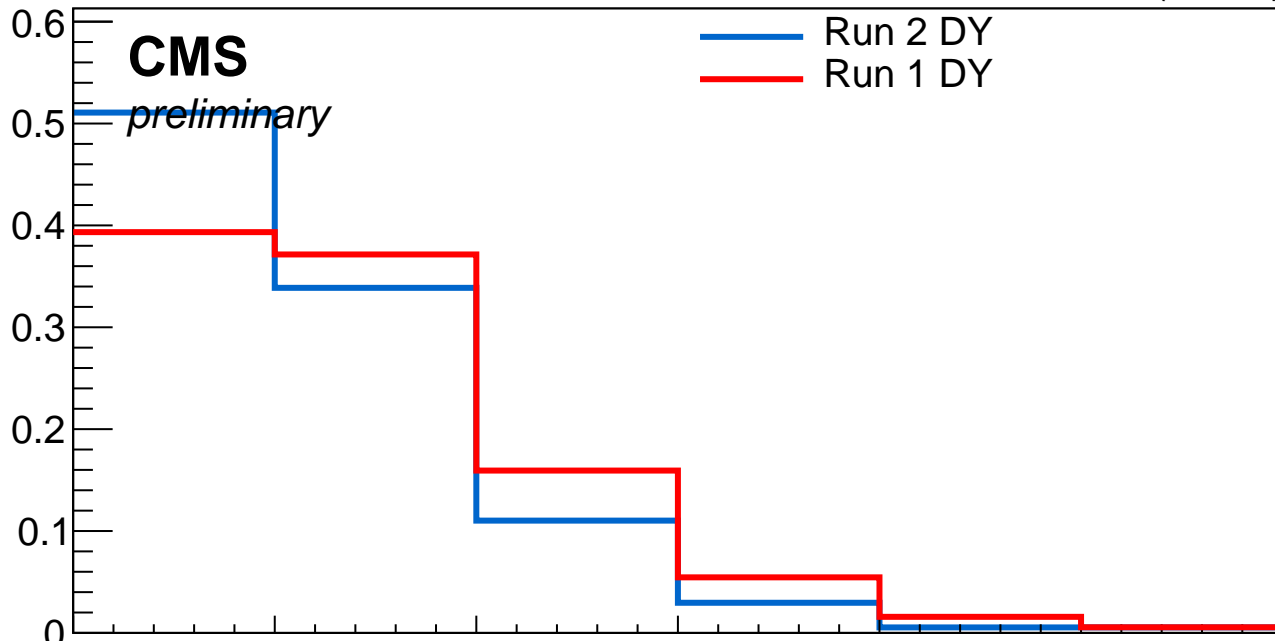
CMS

preliminary

Run 2 DY
Run 1 DY

Data/Bkg

CJV jets (20 GeV EB, 30 GeV EE)



19.2 fb⁻¹ (8 TeV)

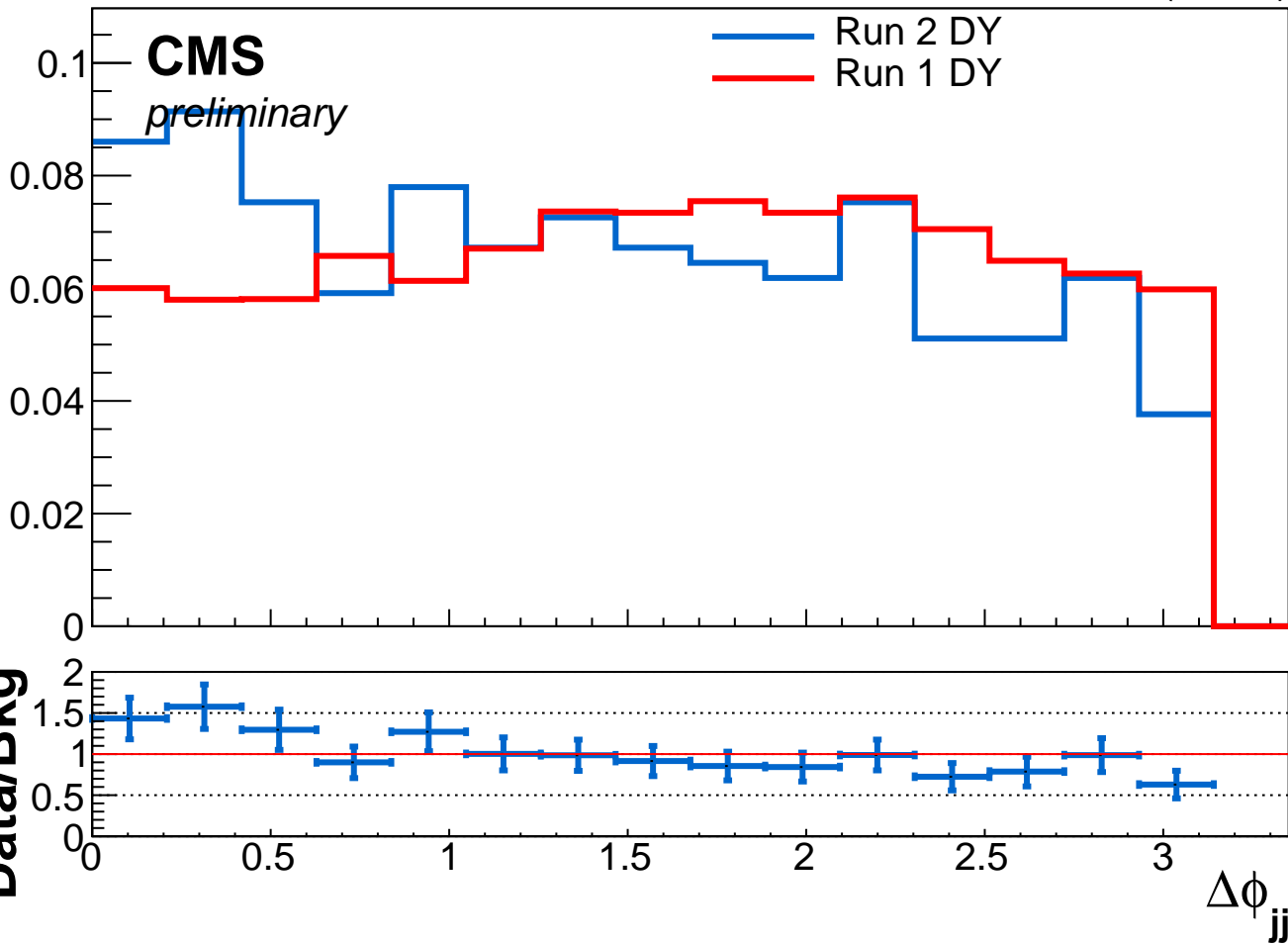
CMS

preliminary

Run 2 DY
Run 1 DY

Data/Bkg

$\Delta\phi_{jj}$



19.2 fb⁻¹ (8 TeV)

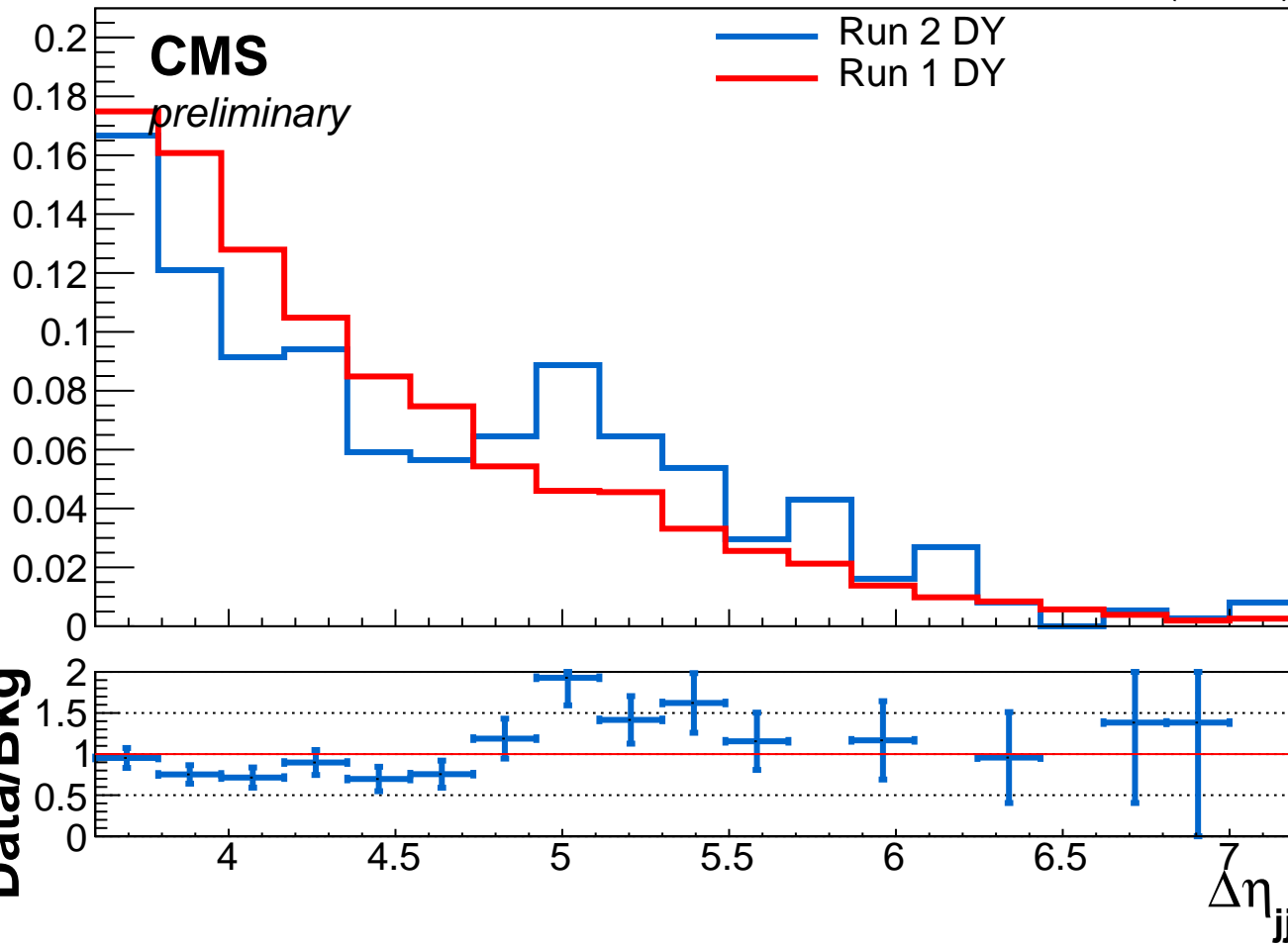
CMS

preliminary

Run 2 DY
Run 1 DY

Data/Bkg

$\Delta\eta_{jj}$



19.2 fb⁻¹ (8 TeV)

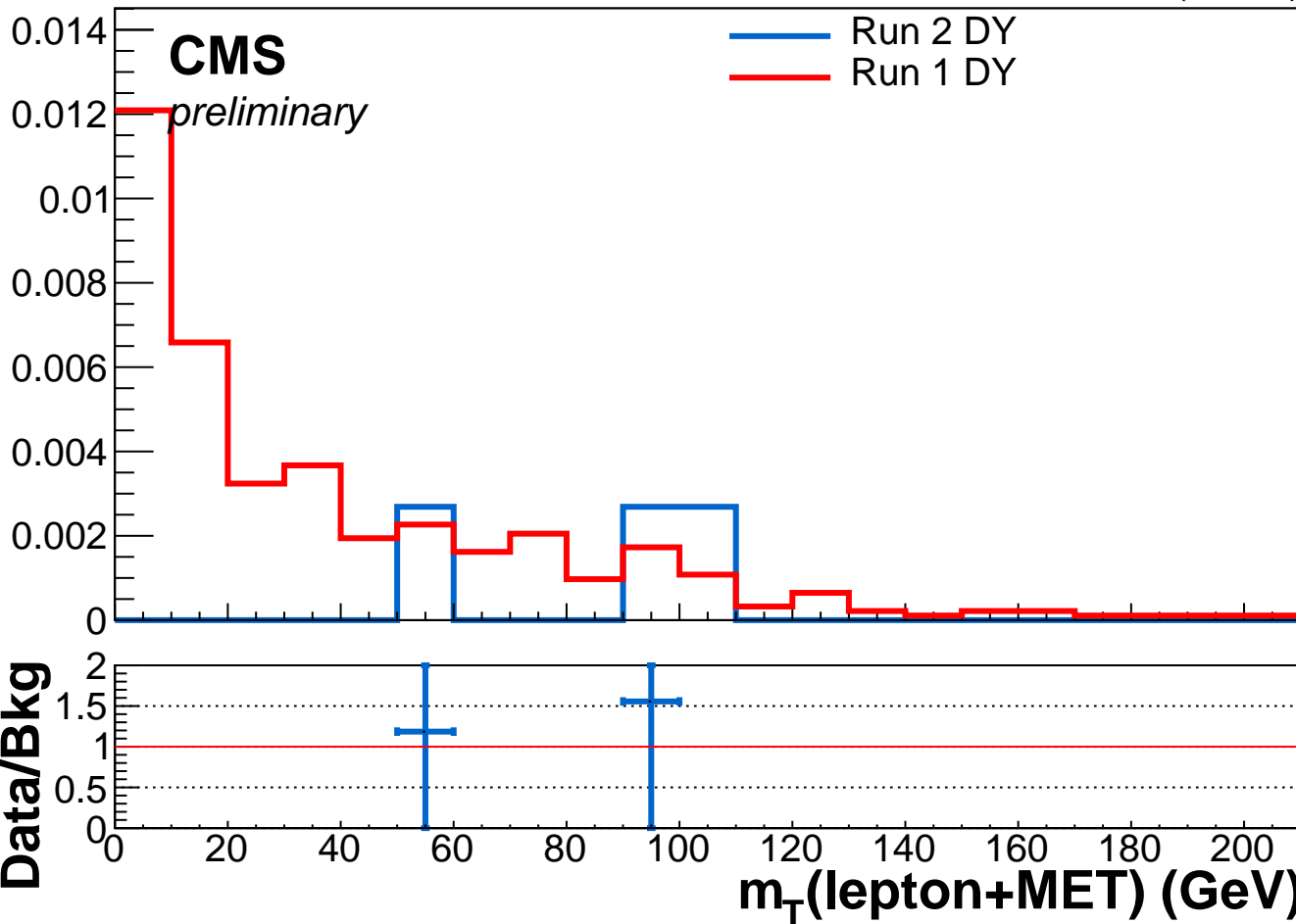
CMS

preliminary

Run 2 DY
Run 1 DY

Data/Bkg

$m_T(\text{lepton}+\text{MET})$ (GeV)

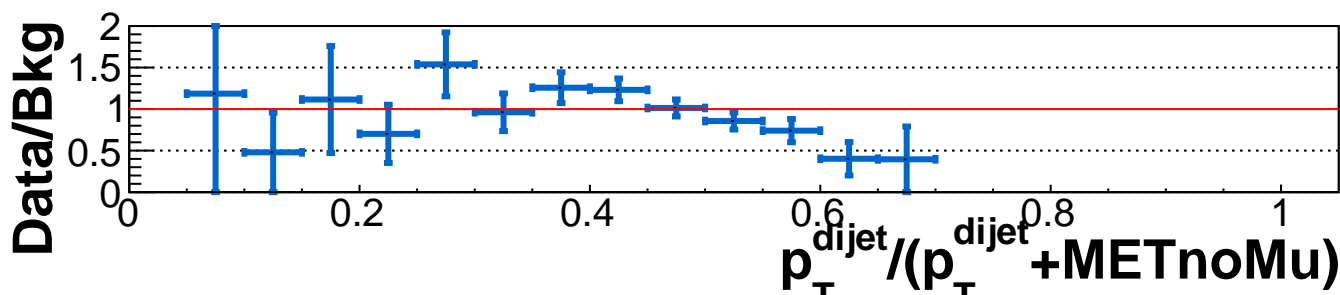


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

Run 2 DY
Run 1 DY



19.2 fb⁻¹ (8 TeV)

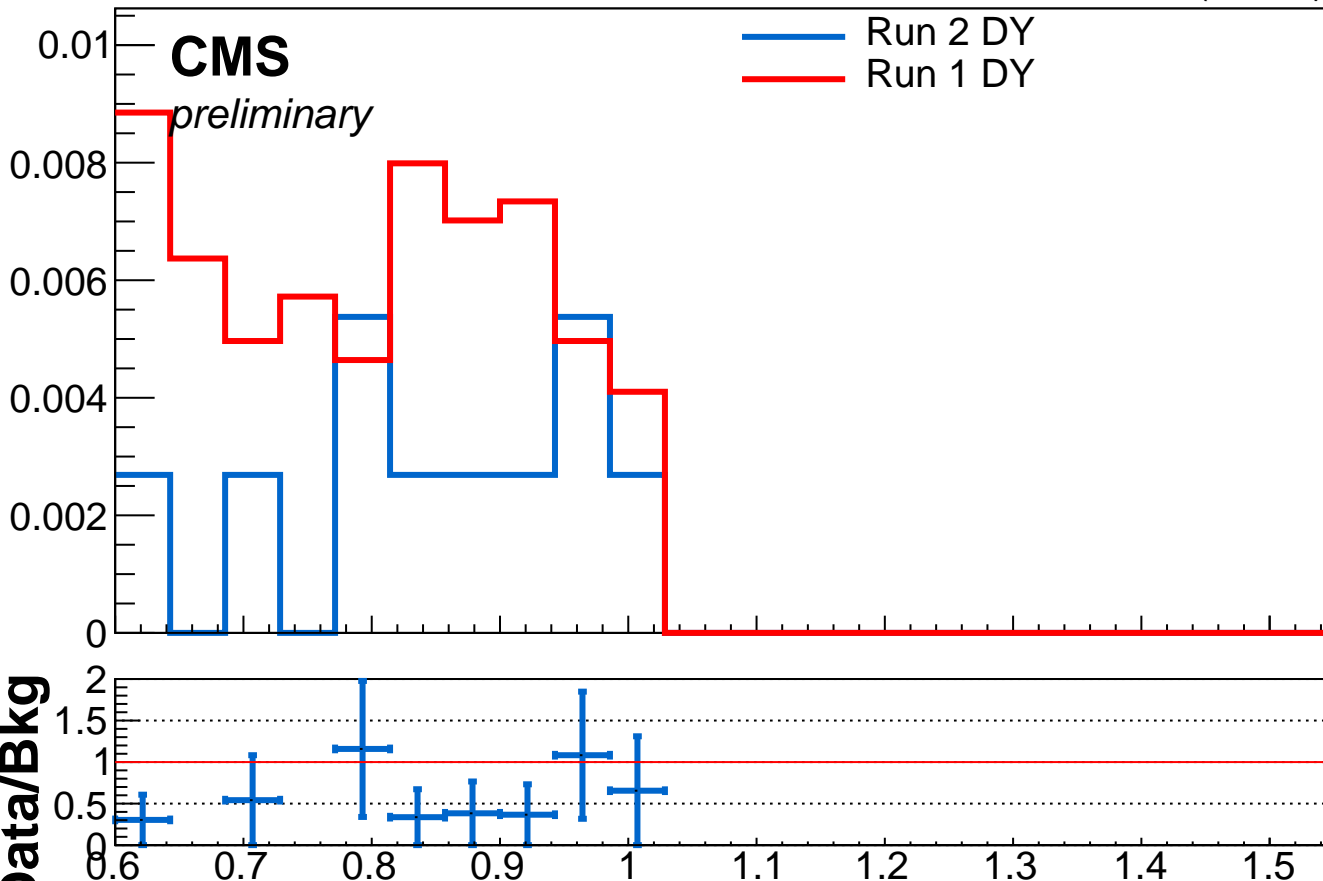
CMS

preliminary

Run 2 DY
Run 1 DY

Data/Bkg

Jet 1 CSV

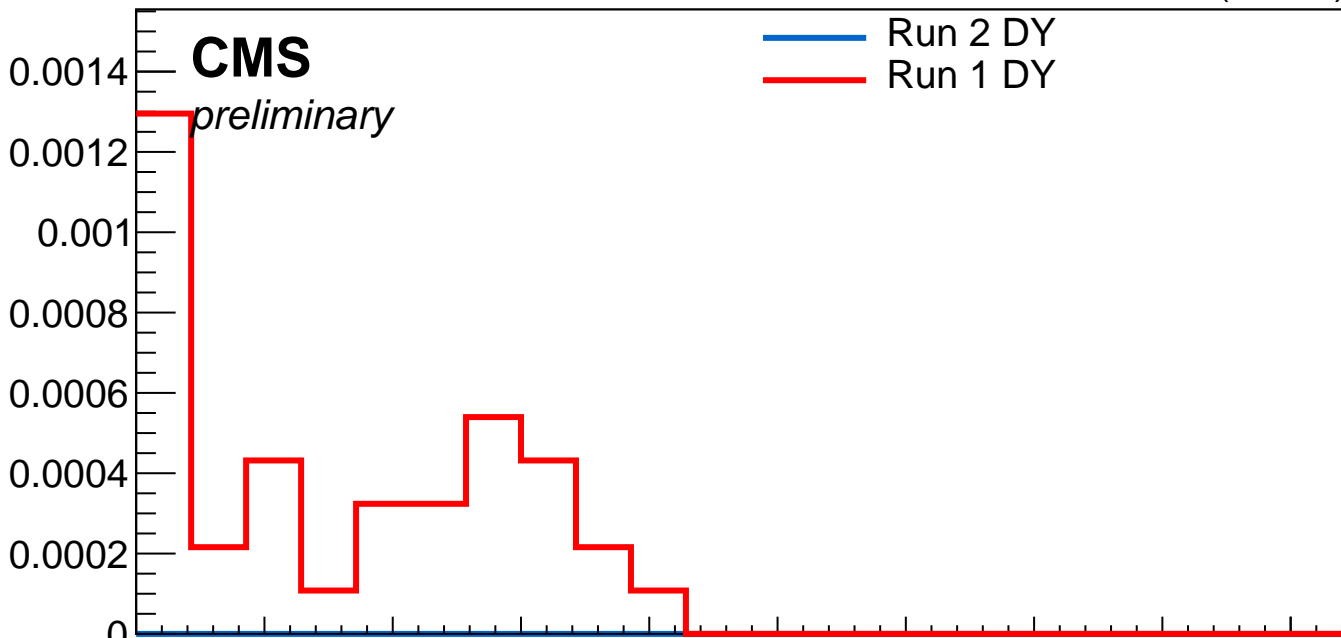


19.2 fb⁻¹ (8 TeV)

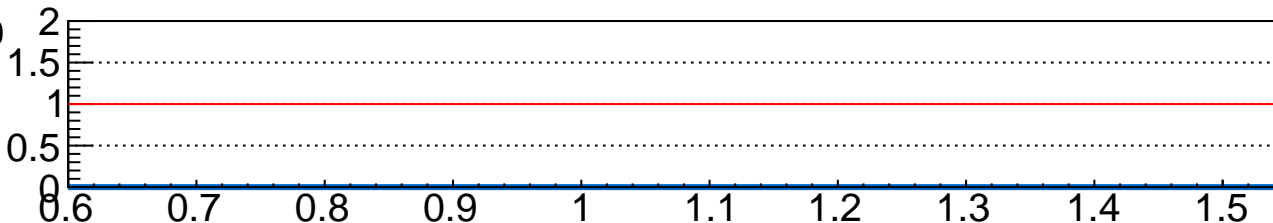
CMS

preliminary

Run 2 DY
Run 1 DY



Data/Bkg



Jet 2 CSV

19.2 fb⁻¹ (8 TeV)

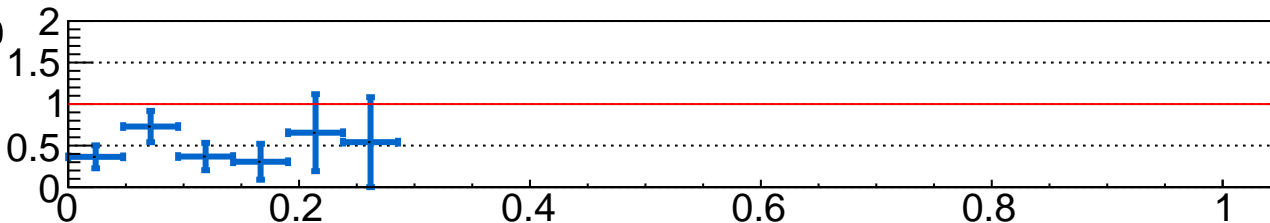
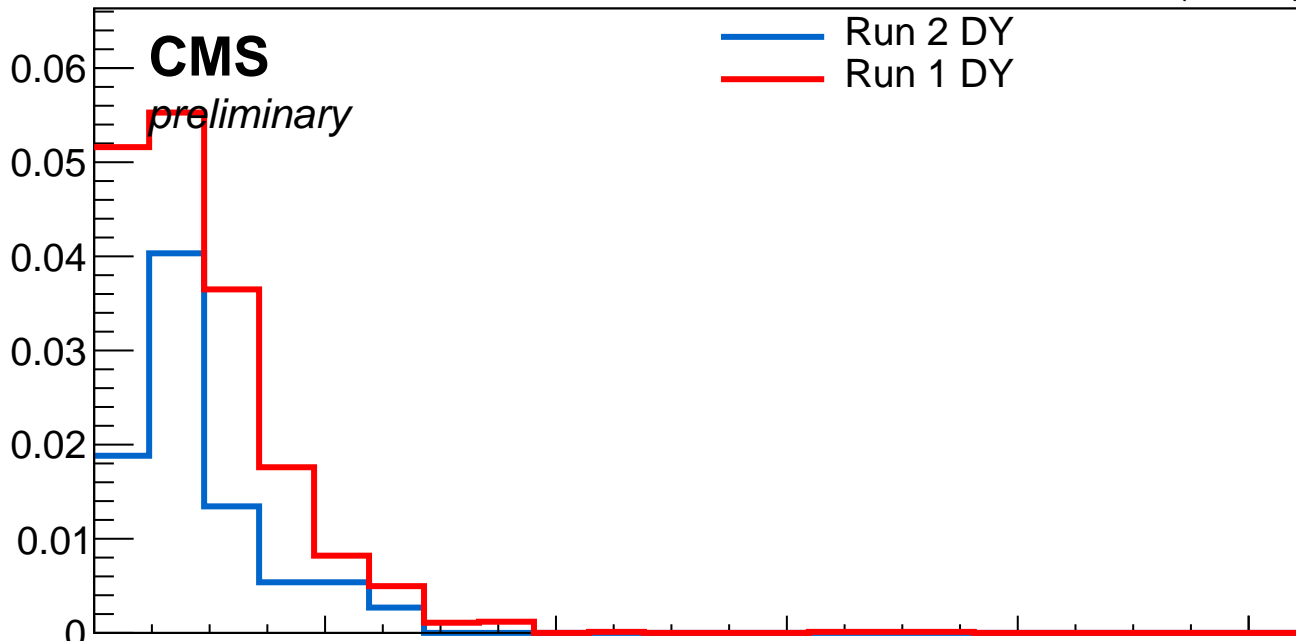
CMS

preliminary

Run 2 DY
Run 1 DY

Data/Bkg

Jet 3 CSV

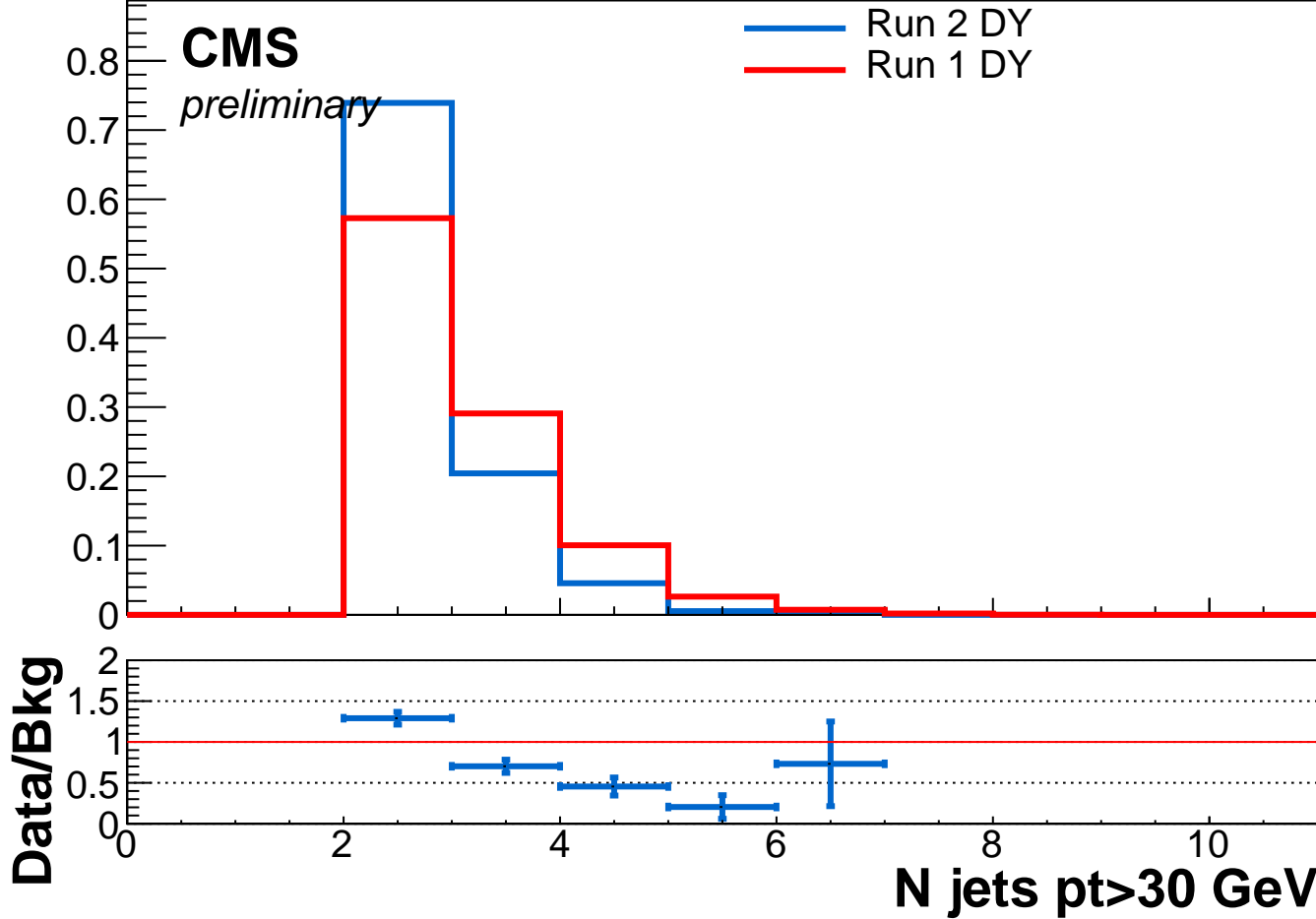


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

Run 2 DY
Run 1 DY

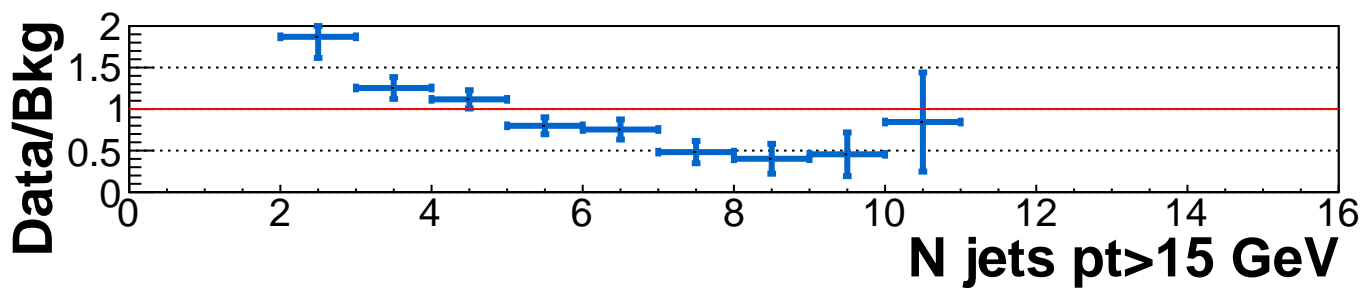


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

Run 2 DY
Run 1 DY



19.2 fb⁻¹ (8 TeV)

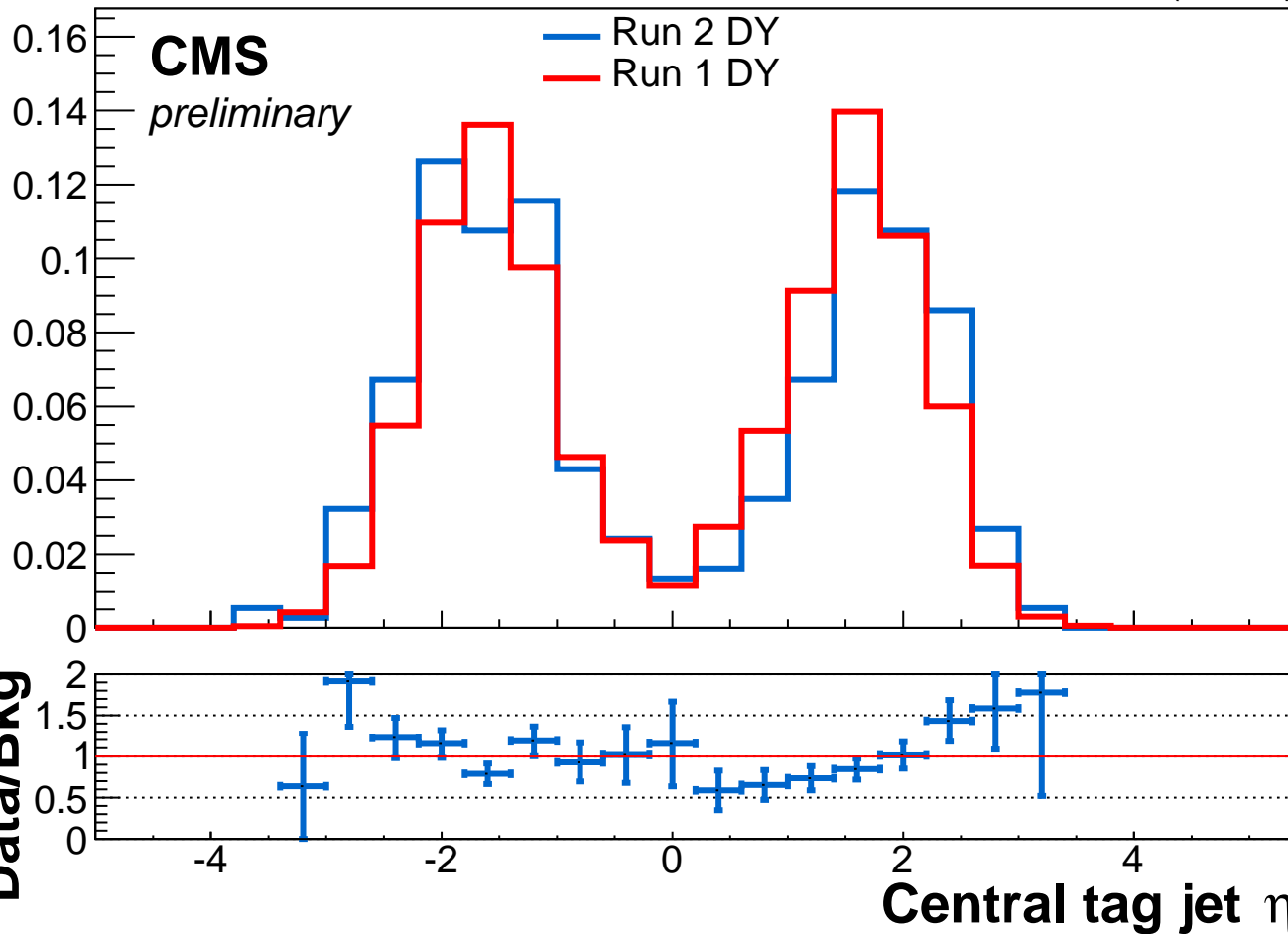
CMS

preliminary

Run 2 DY
Run 1 DY

Data/Bkg

Central tag jet η



19.2 fb⁻¹ (8 TeV)

CMS
preliminary

— Run 2 DY
— Run 1 DY

Data/Bkg

Forward tag jet η

