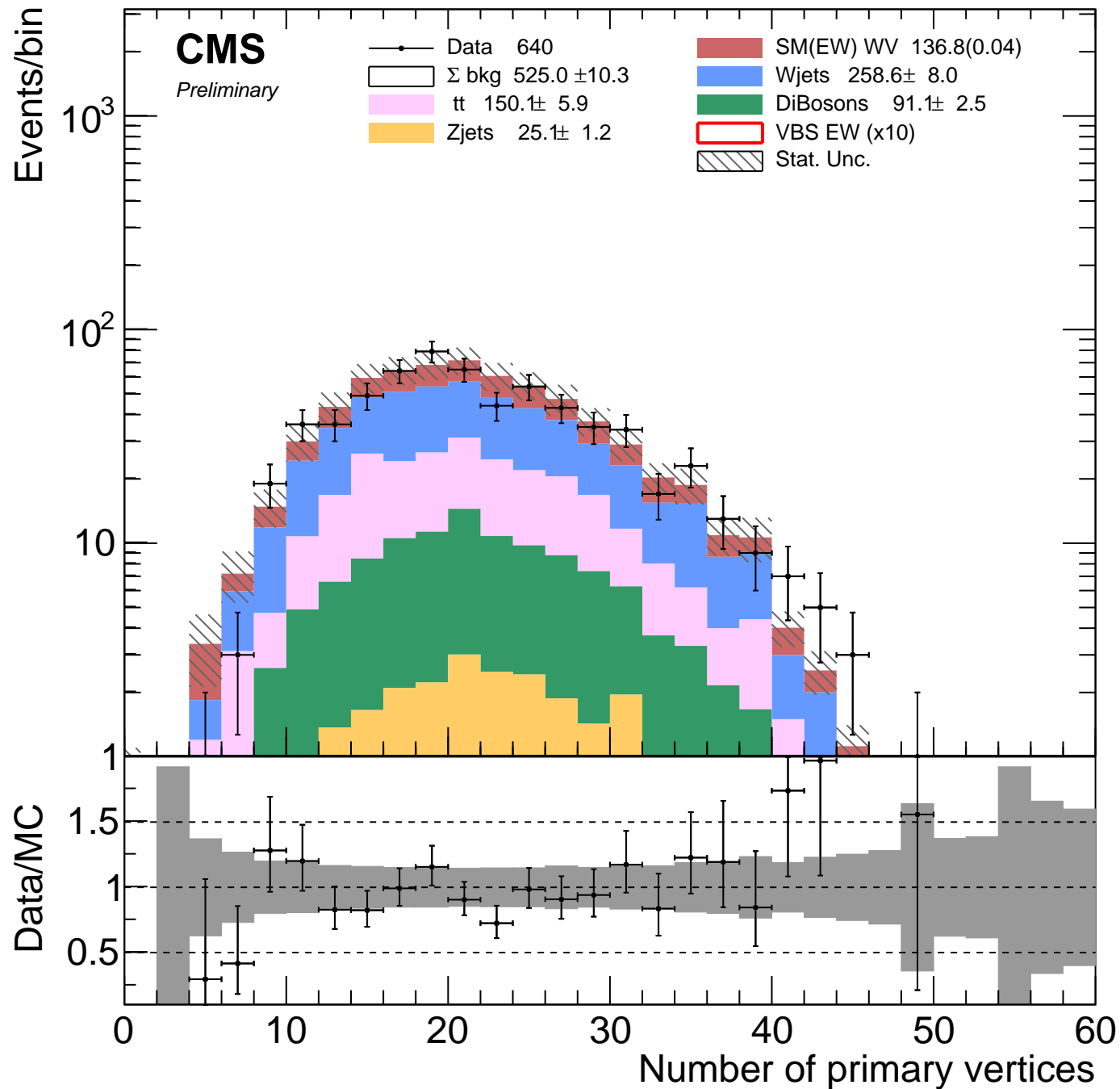
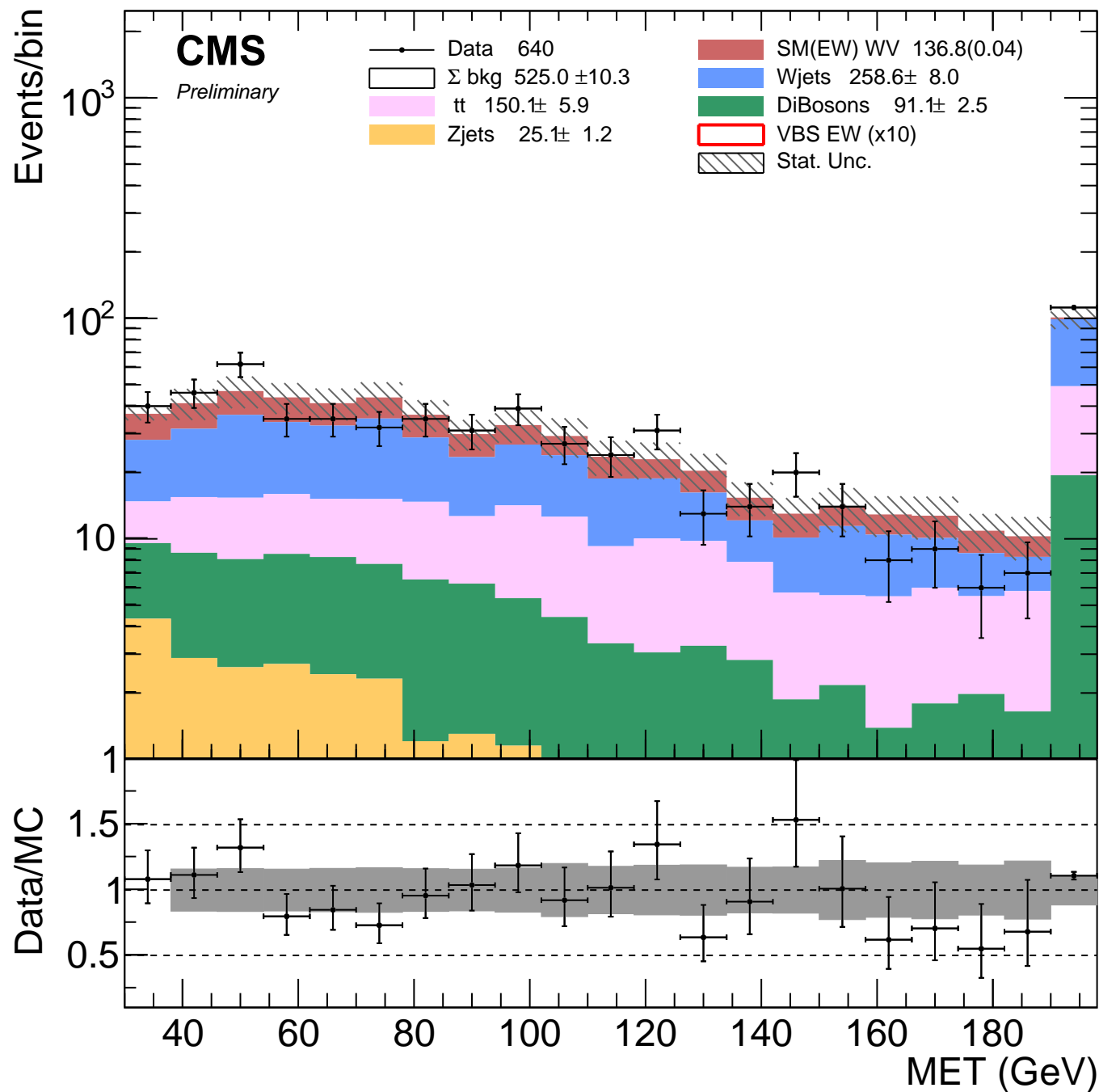


137 fb⁻¹ (13 TeV)



137 fb⁻¹ (13 TeV)



137 fb⁻¹ (13 TeV)

Events/bin

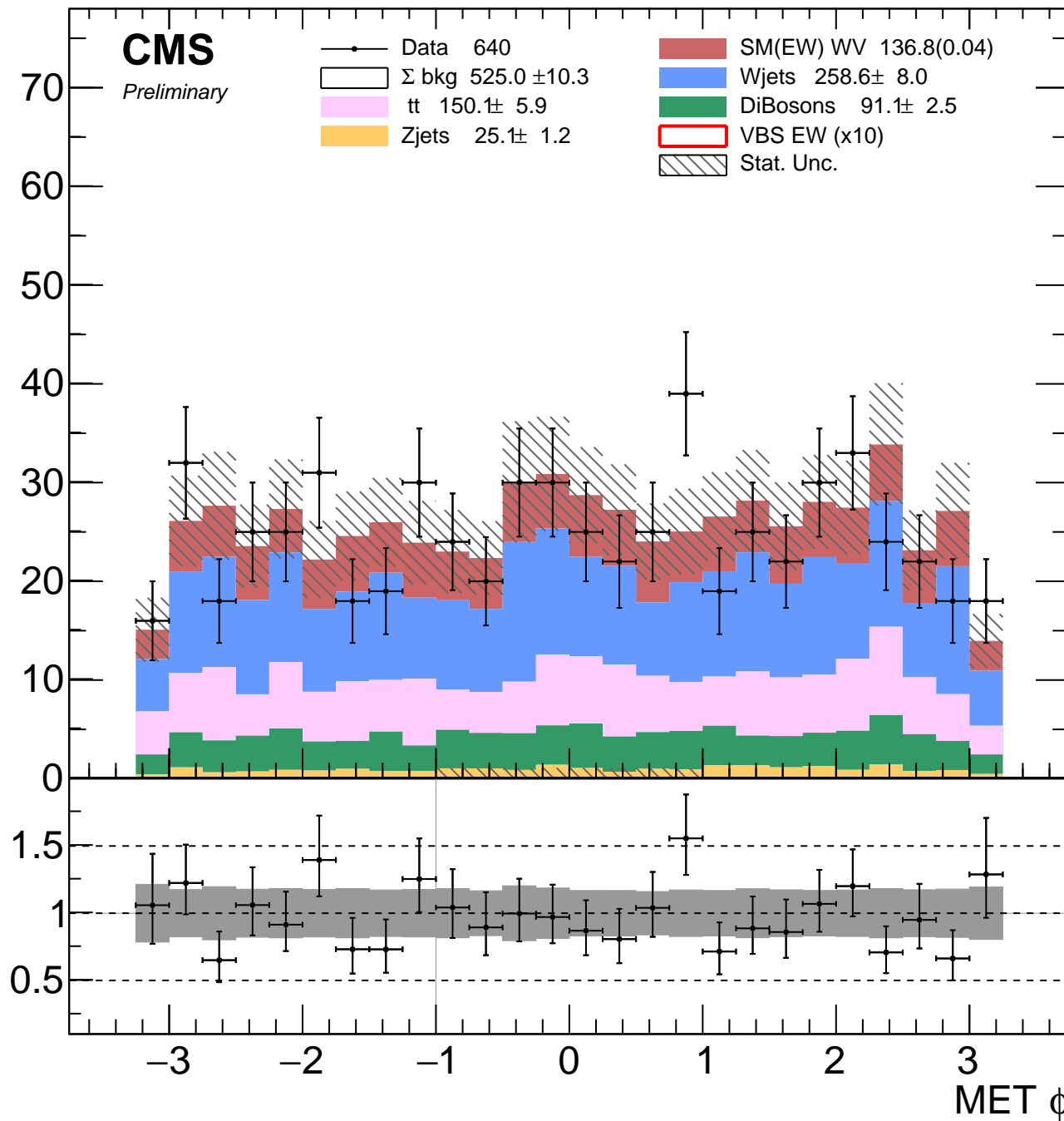
CMS

Preliminary

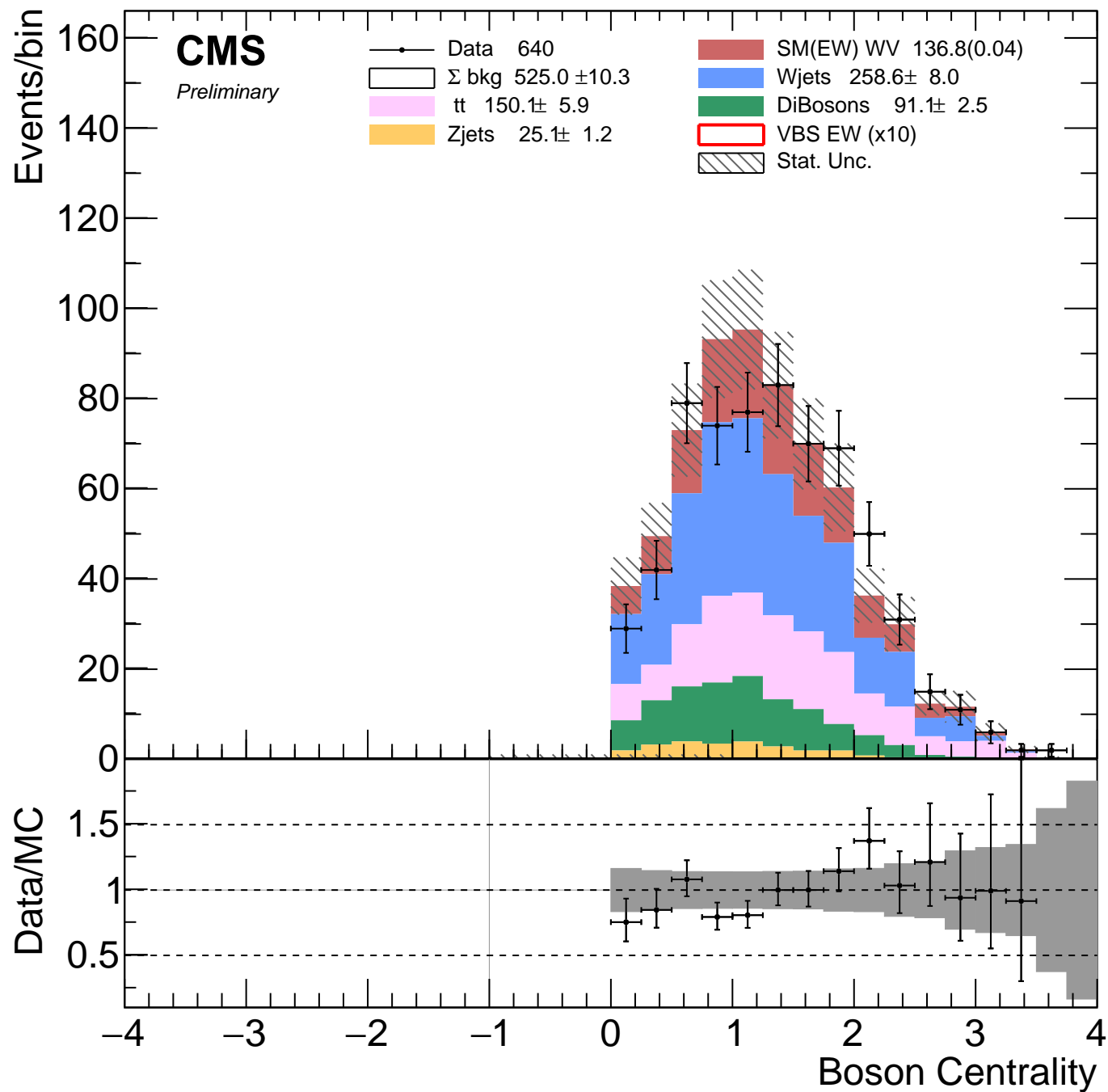
—•— Data 640
□ Σ bkg 525.0 \pm 10.3
■ tt 150.1 \pm 5.9
■ Zjets 25.1 \pm 1.2

■ SM(EW) WV 136.8(0.04)
■ Wjets 258.6 \pm 8.0
■ DiBosons 91.1 \pm 2.5
□ VBS EW (x10)
▨ Stat. Unc.

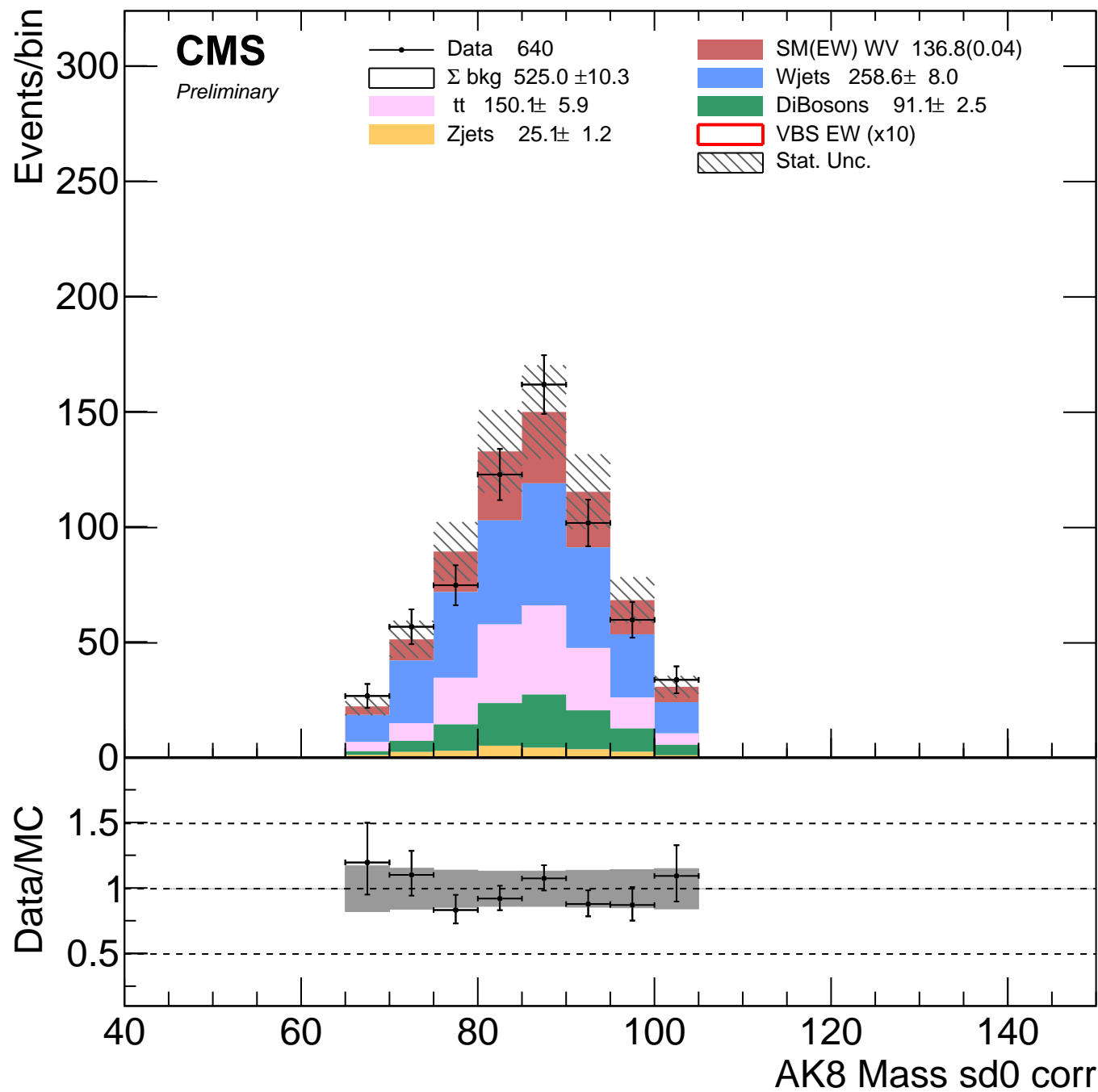
Data/MC



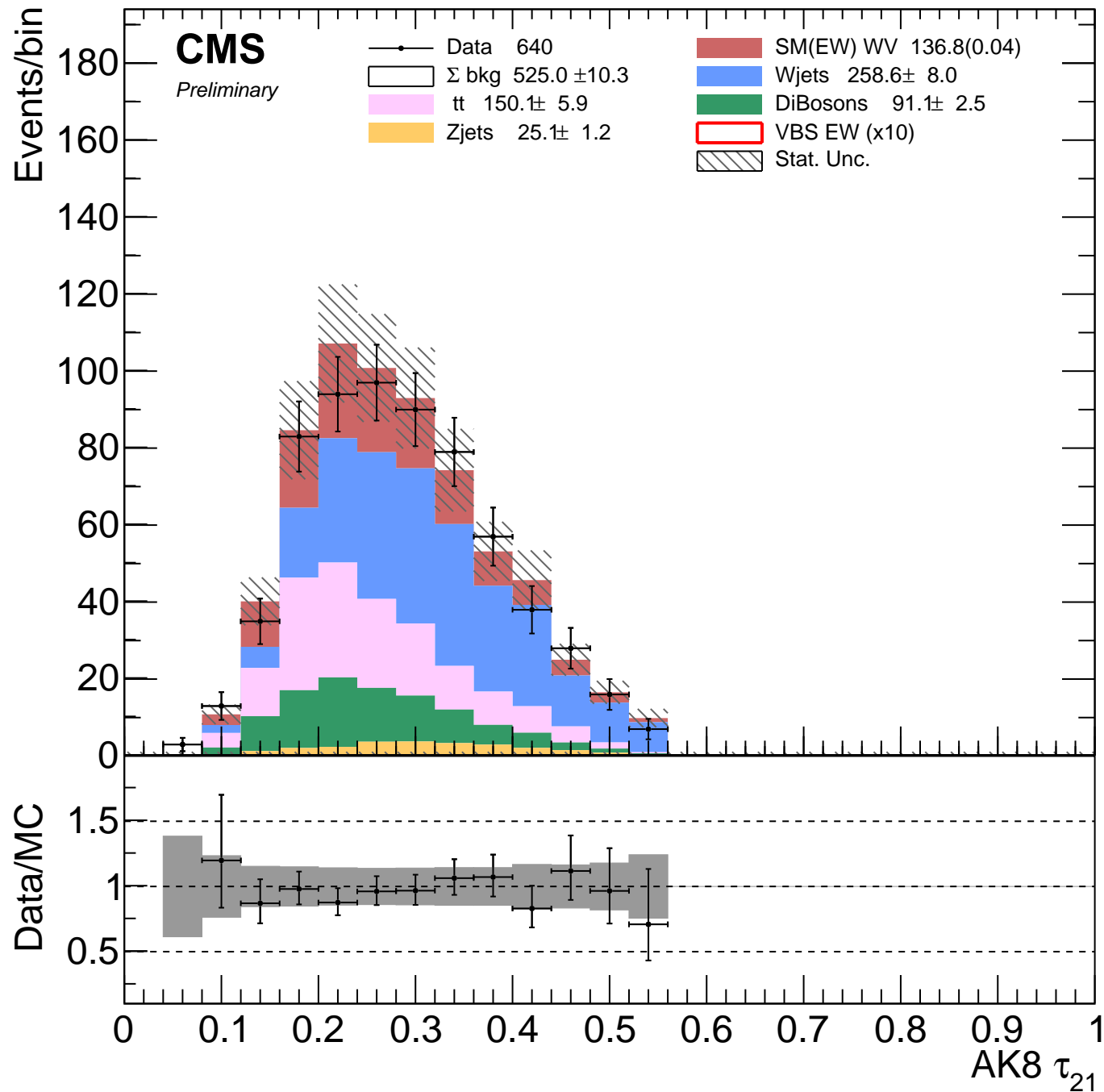
137 fb⁻¹ (13 TeV)



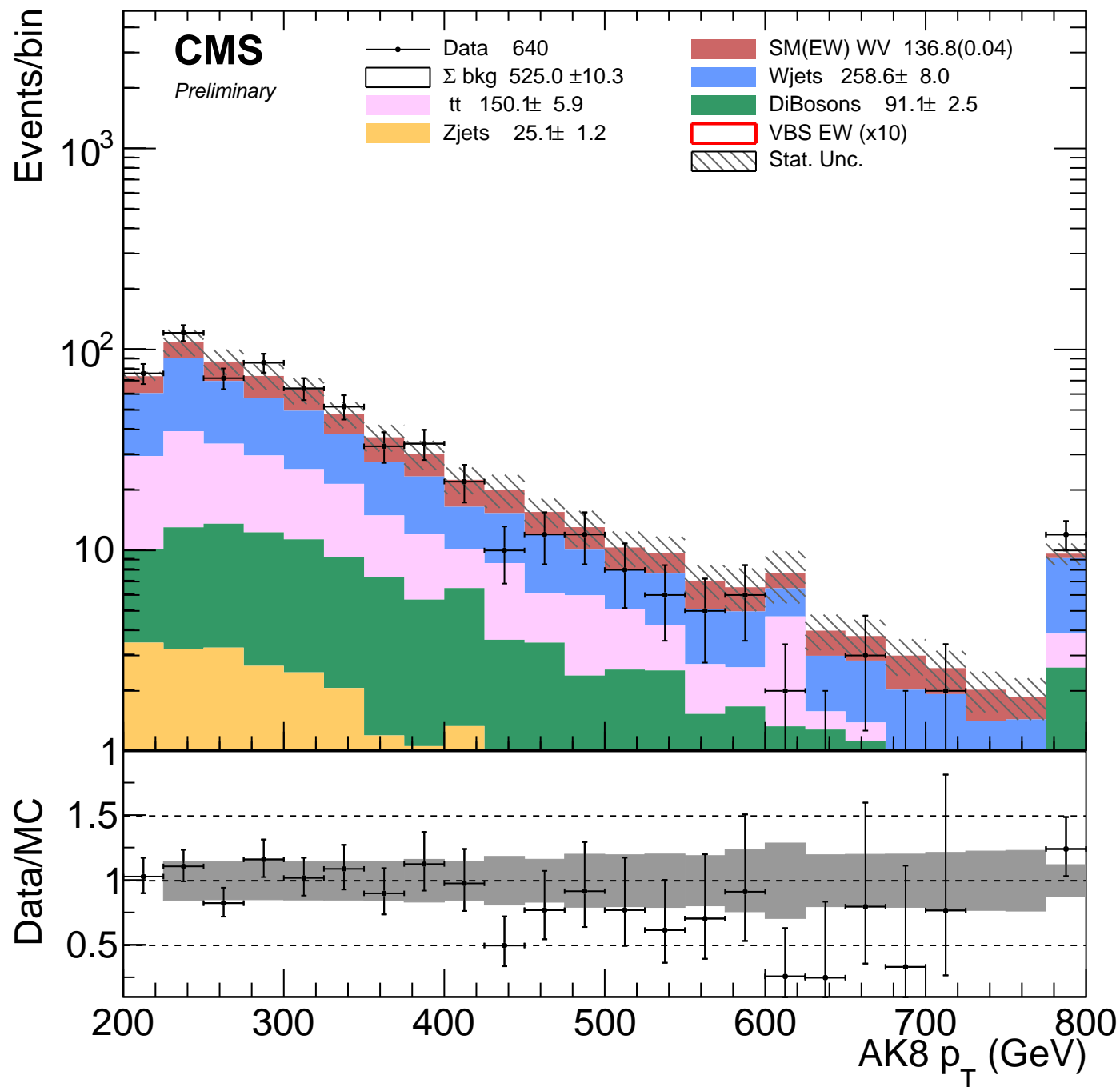
137 fb⁻¹ (13 TeV)



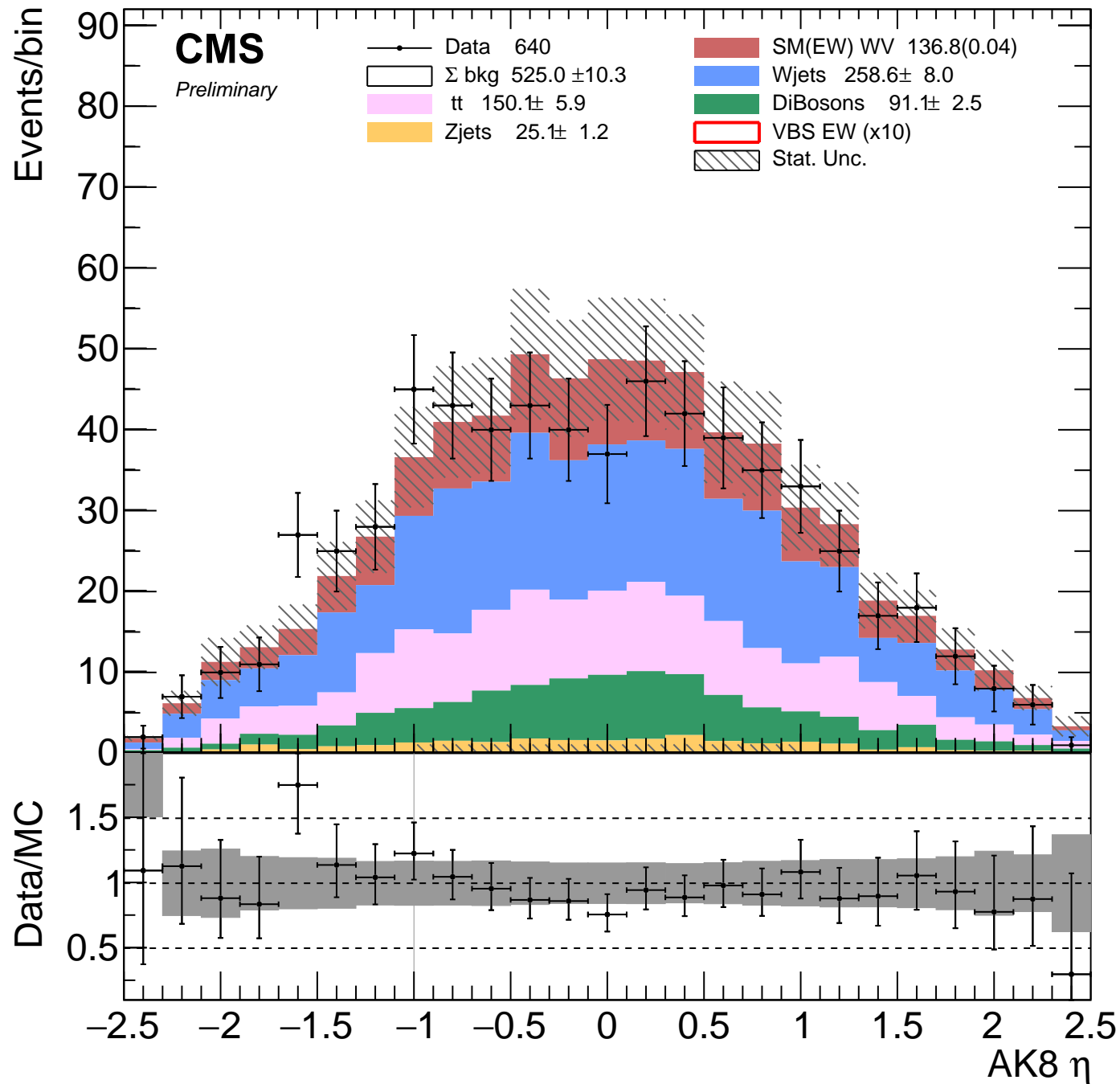
137 fb⁻¹ (13 TeV)



137 fb⁻¹ (13 TeV)



137 fb⁻¹ (13 TeV)



137 fb⁻¹ (13 TeV)

Events/bin

CMS

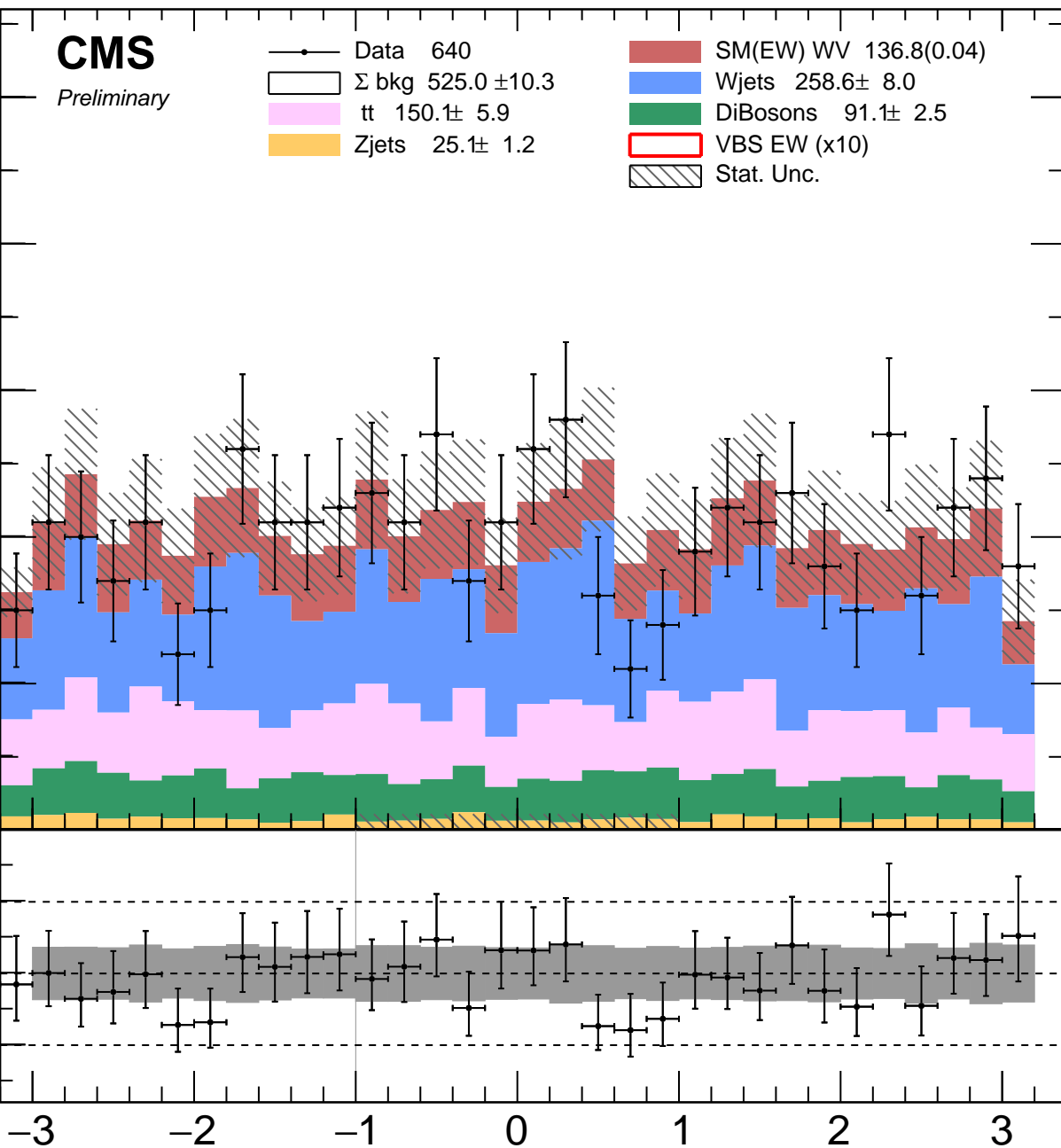
Preliminary

—•— Data 640
□ Σ bkg 525.0 \pm 10.3
■ tt 150.1 \pm 5.9
■ Zjets 25.1 \pm 1.2

■ SM(EW) WV 136.8(0.04)
■ Wjets 258.6 \pm 8.0
■ DiBosons 91.1 \pm 2.5
□ VBS EW (x10)
▨ Stat. Unc.

Data/MC

50
40
30
20
10
0
1.5
1
0.5



AK8 ϕ

137 fb⁻¹ (13 TeV)

Events/bin

CMS

Preliminary

—•— Data 640
 □ Σ bkg 525.0 \pm 10.3
 ■ tt 150.1 \pm 5.9
 ■ Zjets 25.1 \pm 1.2

■ SM(EW) WV 136.8(0.04)
 ■ Wjets 258.6 \pm 8.0
 ■ DiBosons 91.1 \pm 2.5
 □ VBS EW (x10)
 ▨ Stat. Unc.

10³

10²

10

1

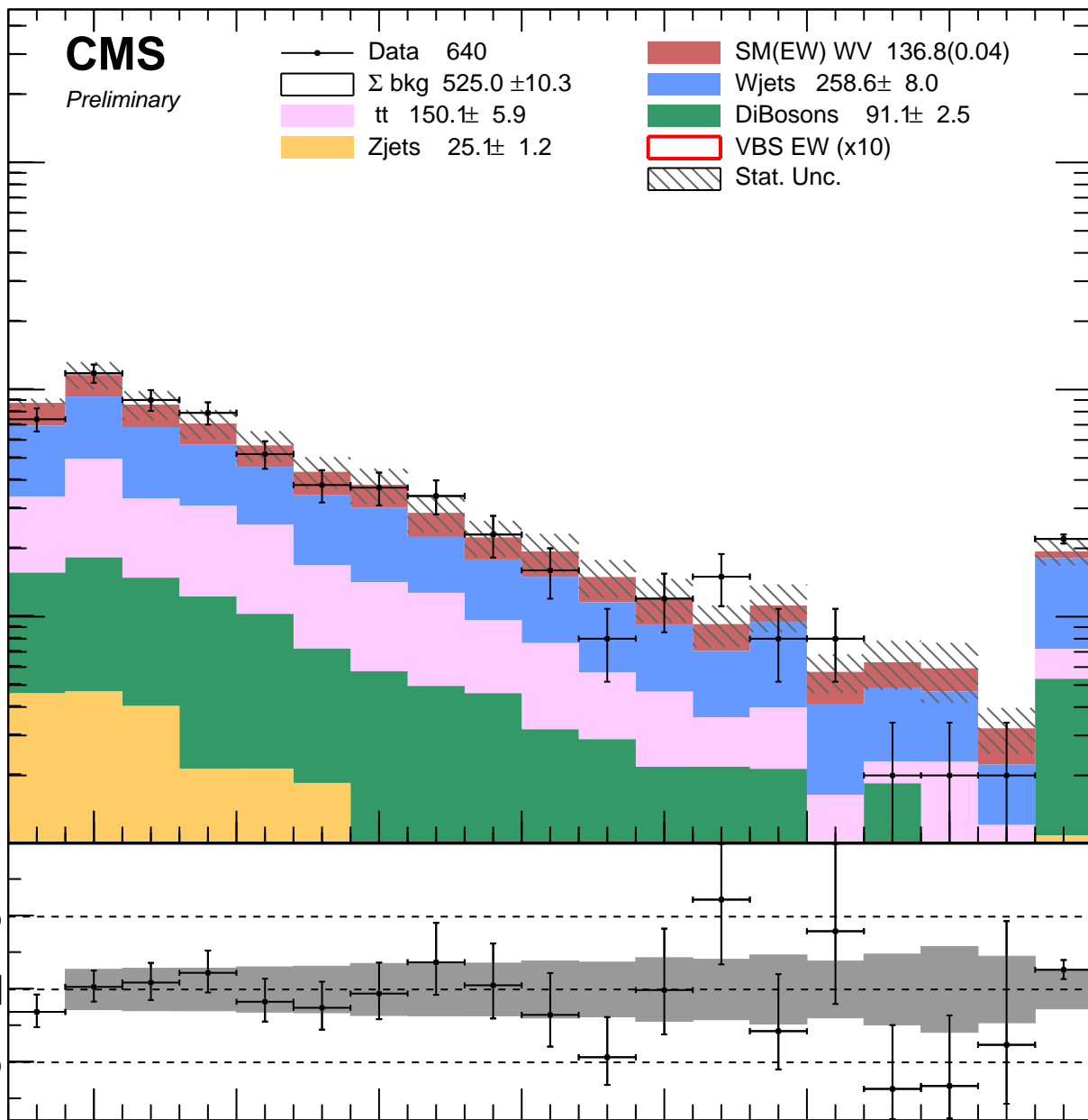
Data/MC

1.5

1

0.5

Lepton_1 p_T (GeV)



137 fb⁻¹ (13 TeV)

Events/bin

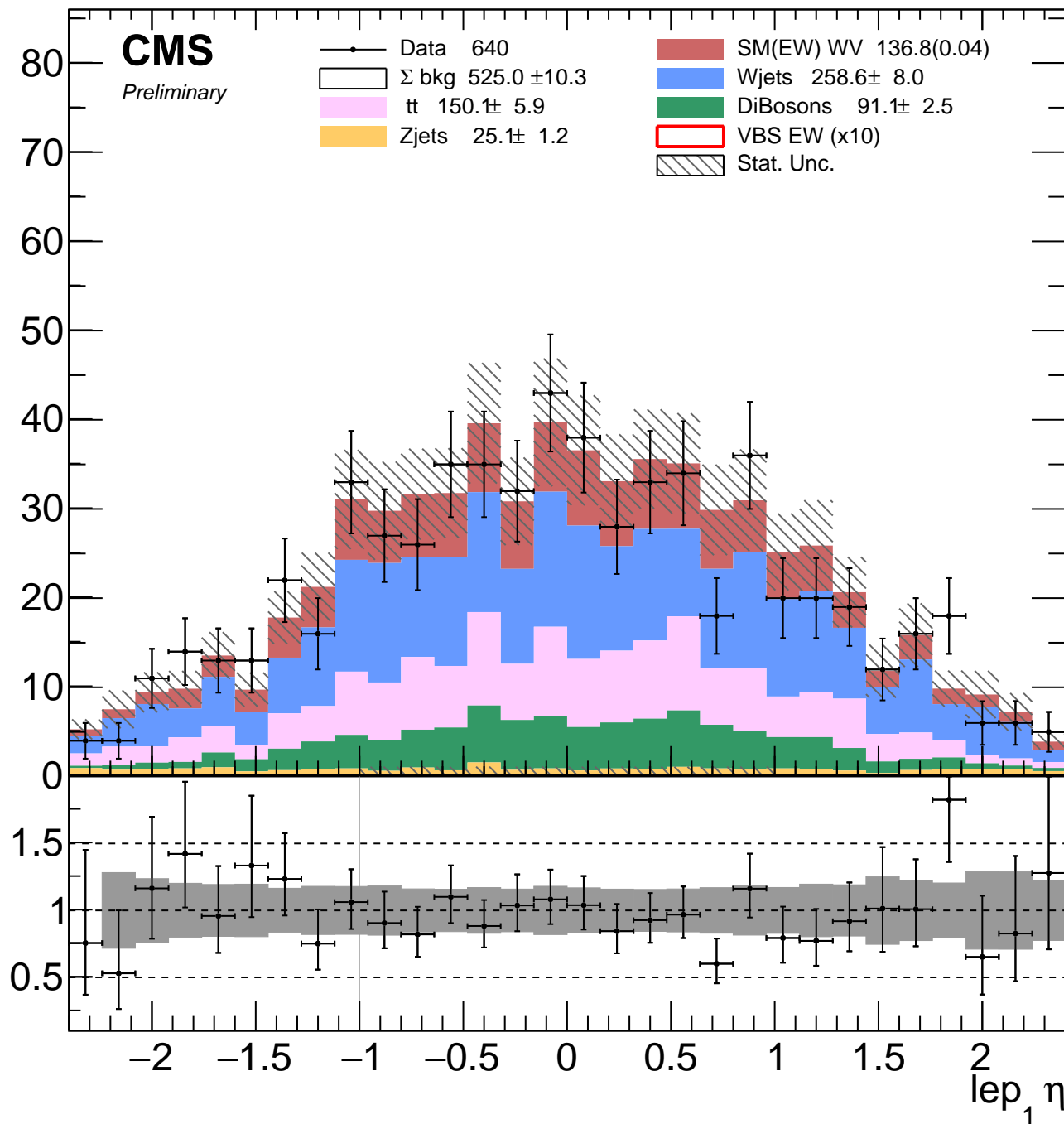
CMS

Preliminary

—•— Data 640
□ Σ bkg 525.0 \pm 10.3
■ tt 150.1 \pm 5.9
■ Zjets 25.1 \pm 1.2

■ SM(EW) WV 136.8(0.04)
■ Wjets 258.6 \pm 8.0
■ DiBosons 91.1 \pm 2.5
□ VBS EW (x10)
▨ Stat. Unc.

Data/MC



137 fb⁻¹ (13 TeV)

Events/bin

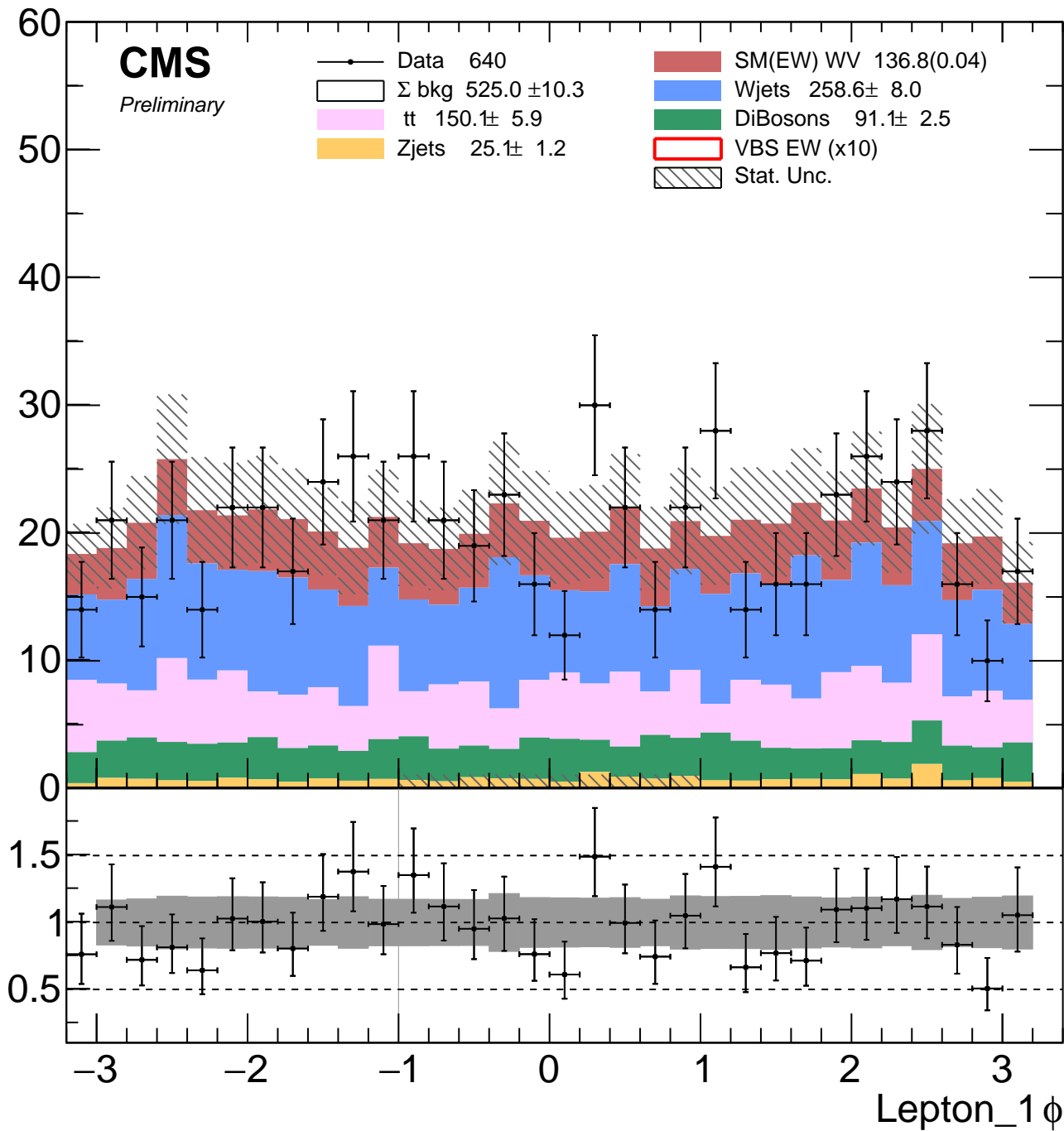
CMS

Preliminary

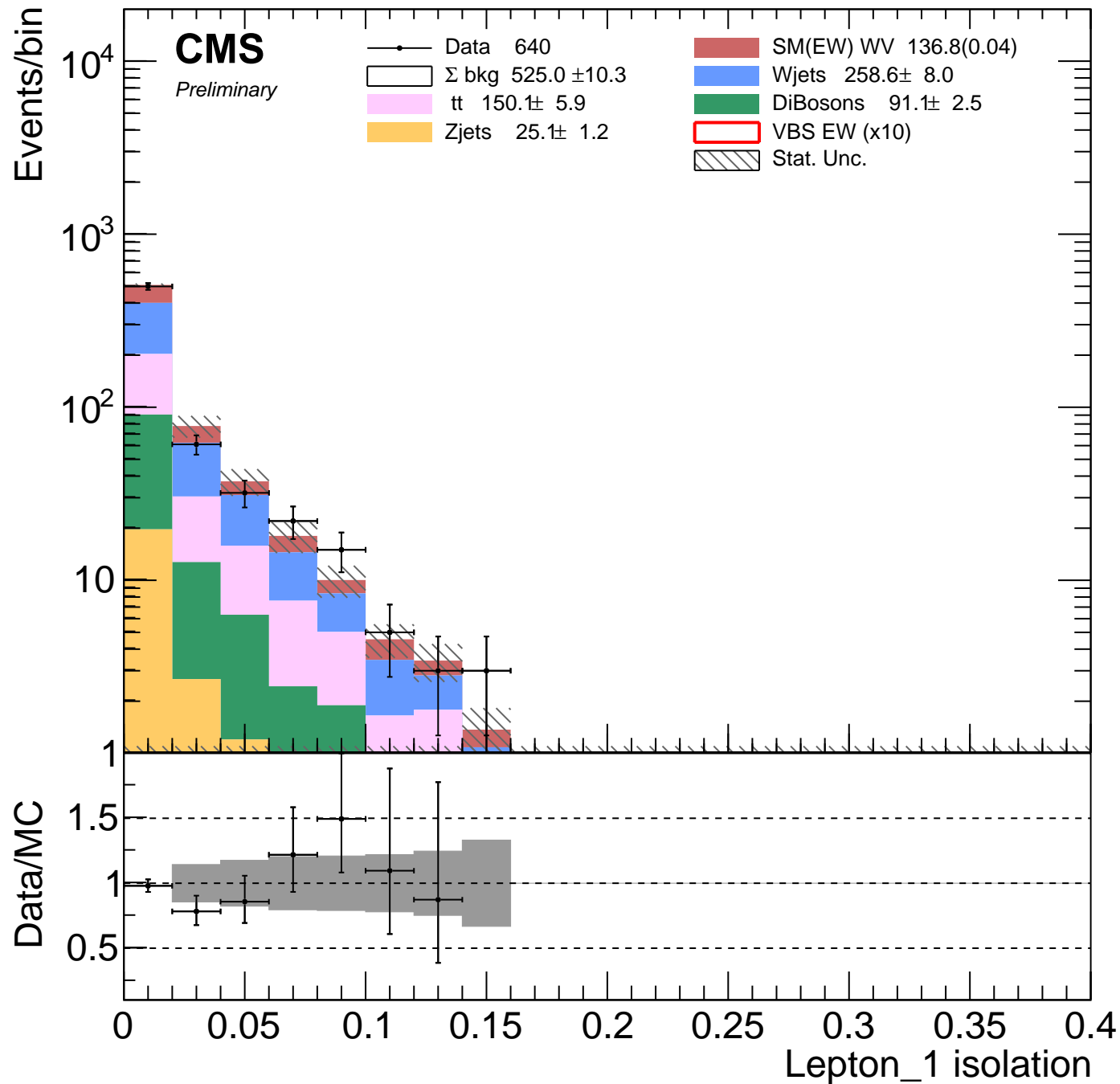
—•— Data 640
□ Σ bkg 525.0 \pm 10.3
■ tt 150.1 \pm 5.9
■ Zjets 25.1 \pm 1.2

■ SM(EW) WV 136.8(0.04)
■ Wjets 258.6 \pm 8.0
■ DiBosons 91.1 \pm 2.5
□ VBS EW (x10)
▨ Stat. Unc.

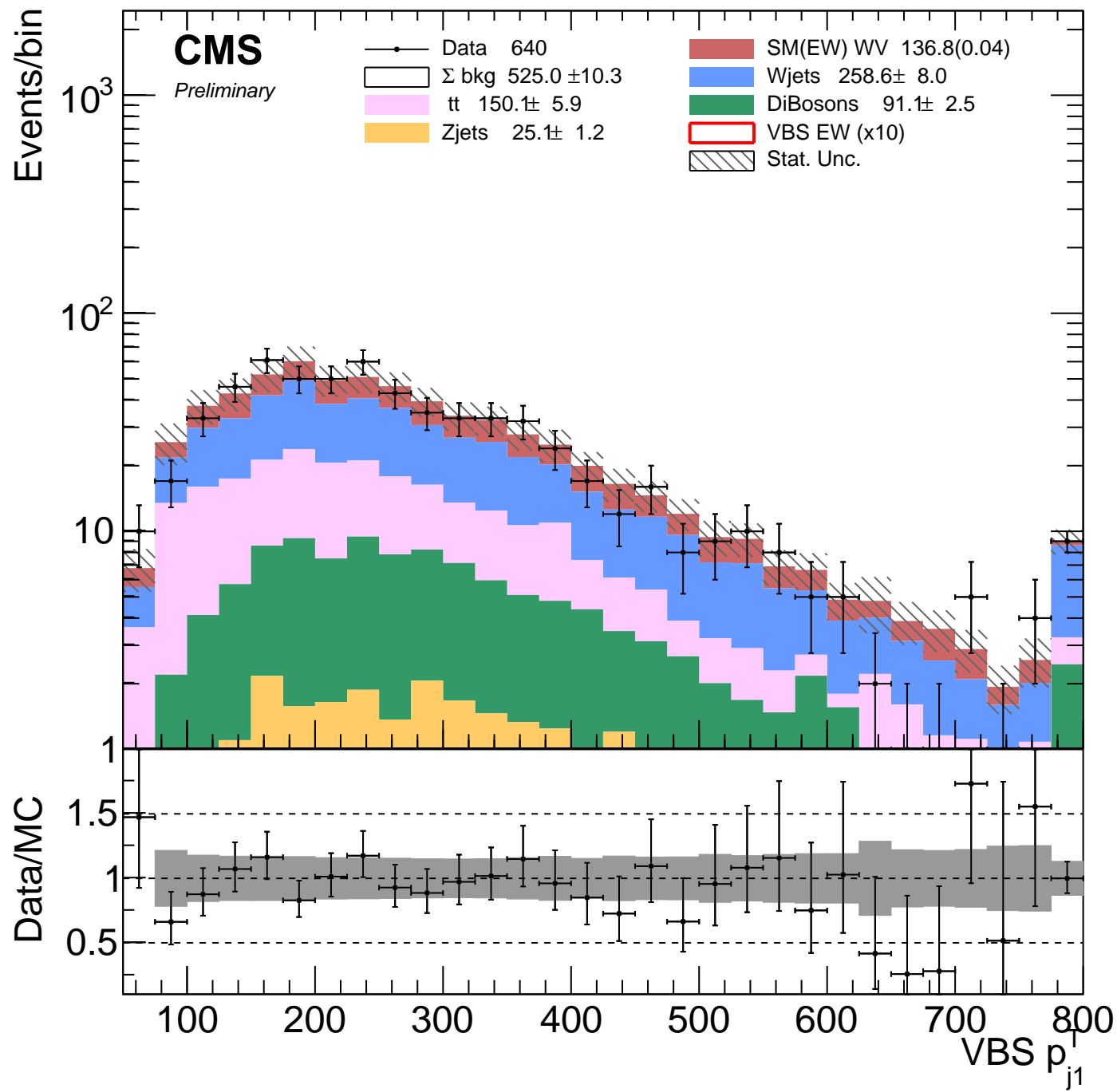
Data/MC



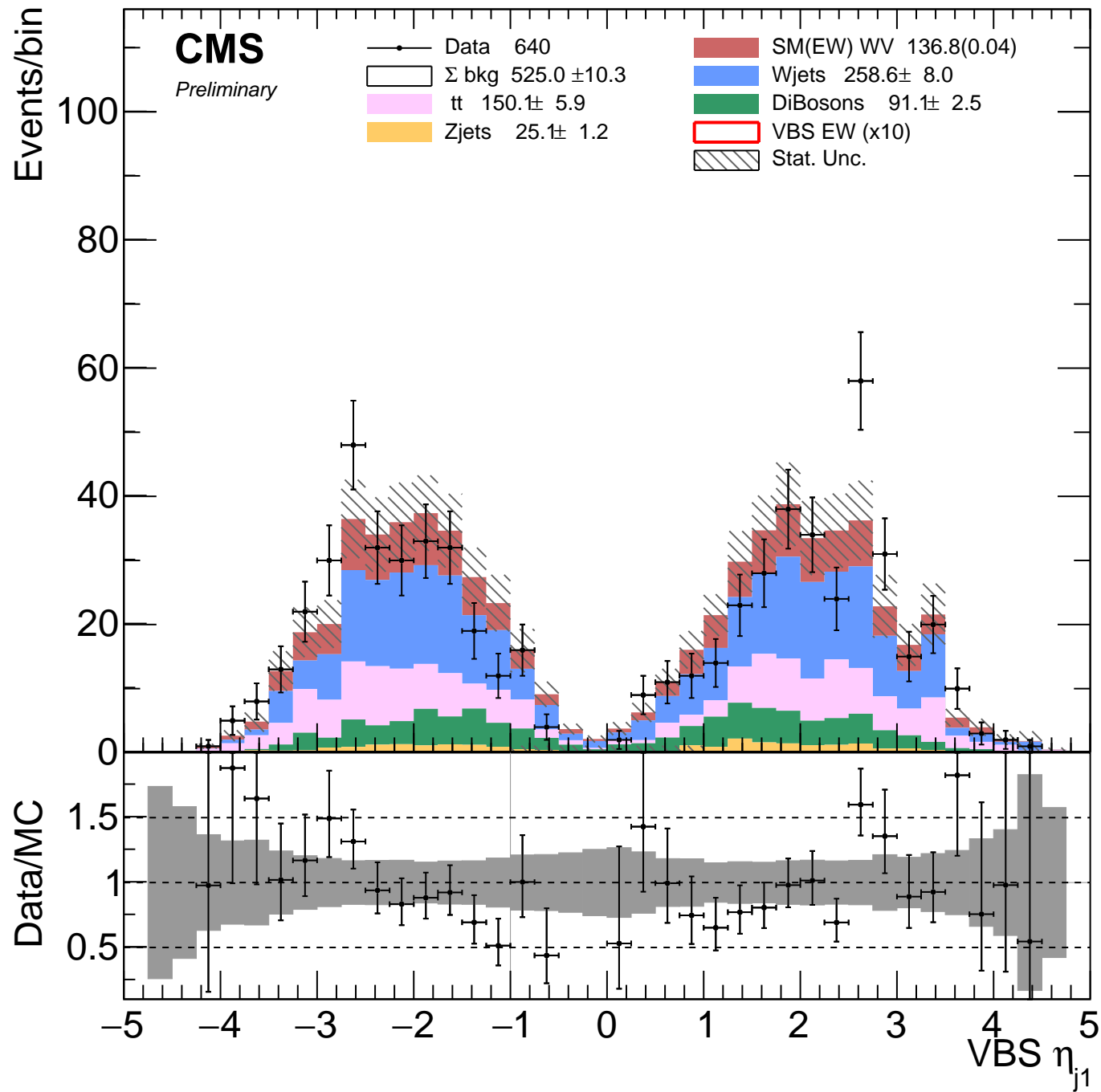
137 fb⁻¹ (13 TeV)



137 fb⁻¹ (13 TeV)



137 fb⁻¹ (13 TeV)



137 fb⁻¹ (13 TeV)

Events/bin

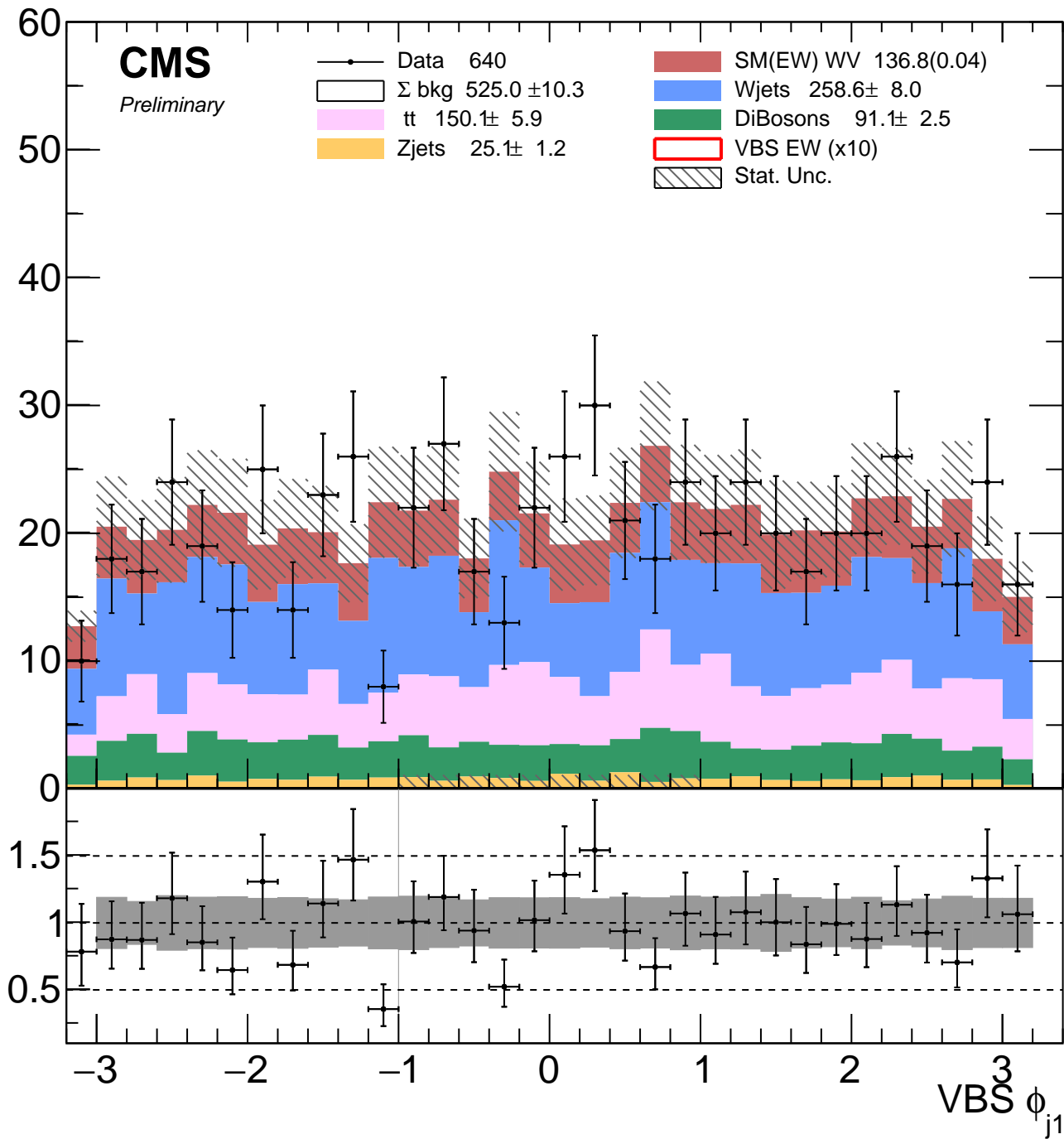
CMS

Preliminary

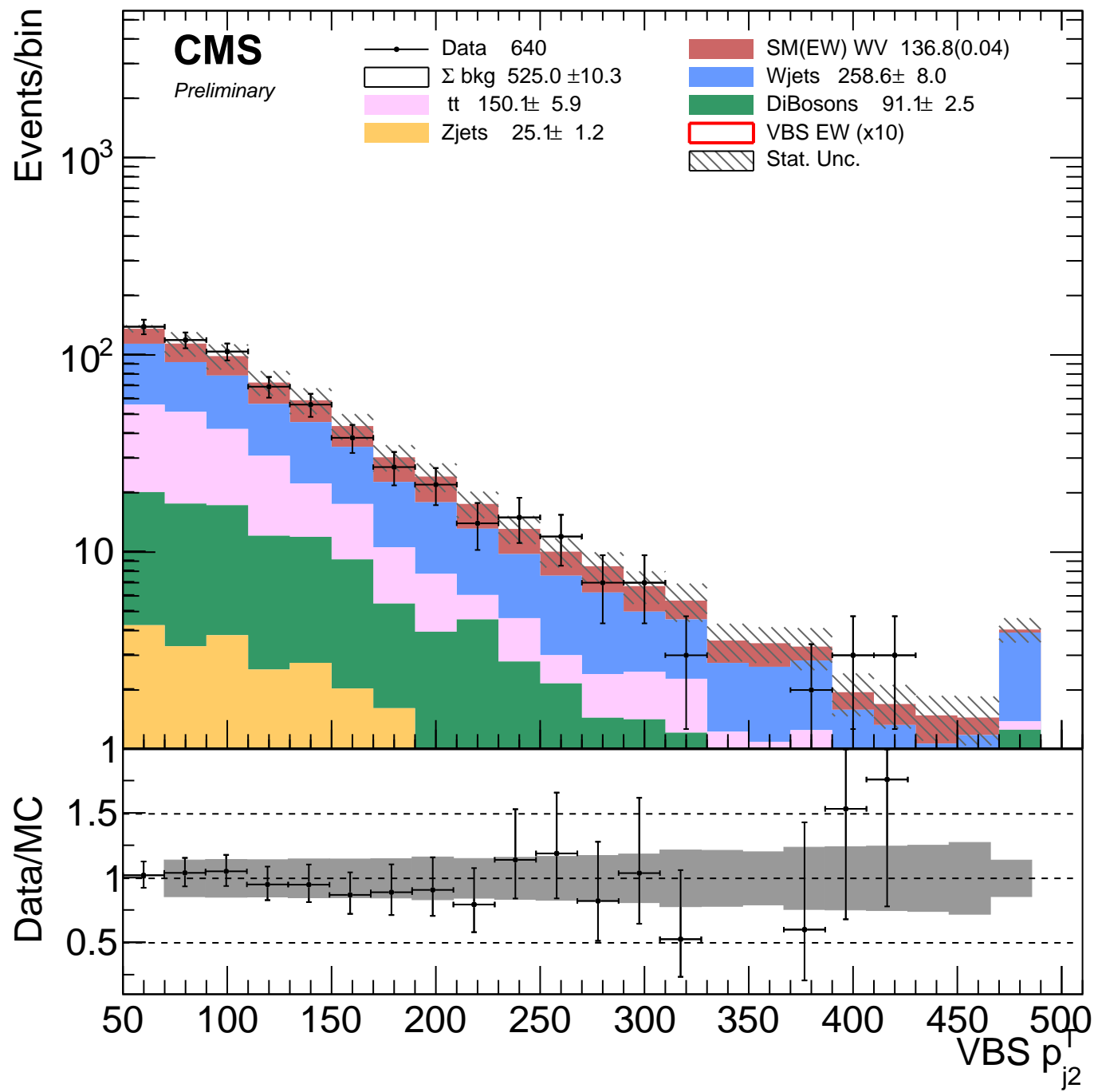
—•— Data 640
□ Σ bkg 525.0 \pm 10.3
■ tt 150.1 \pm 5.9
■ Zjets 25.1 \pm 1.2

■ SM(EW) WV 136.8(0.04)
■ Wjets 258.6 \pm 8.0
■ DiBosons 91.1 \pm 2.5
□ VBS EW (x10)
▨ Stat. Unc.

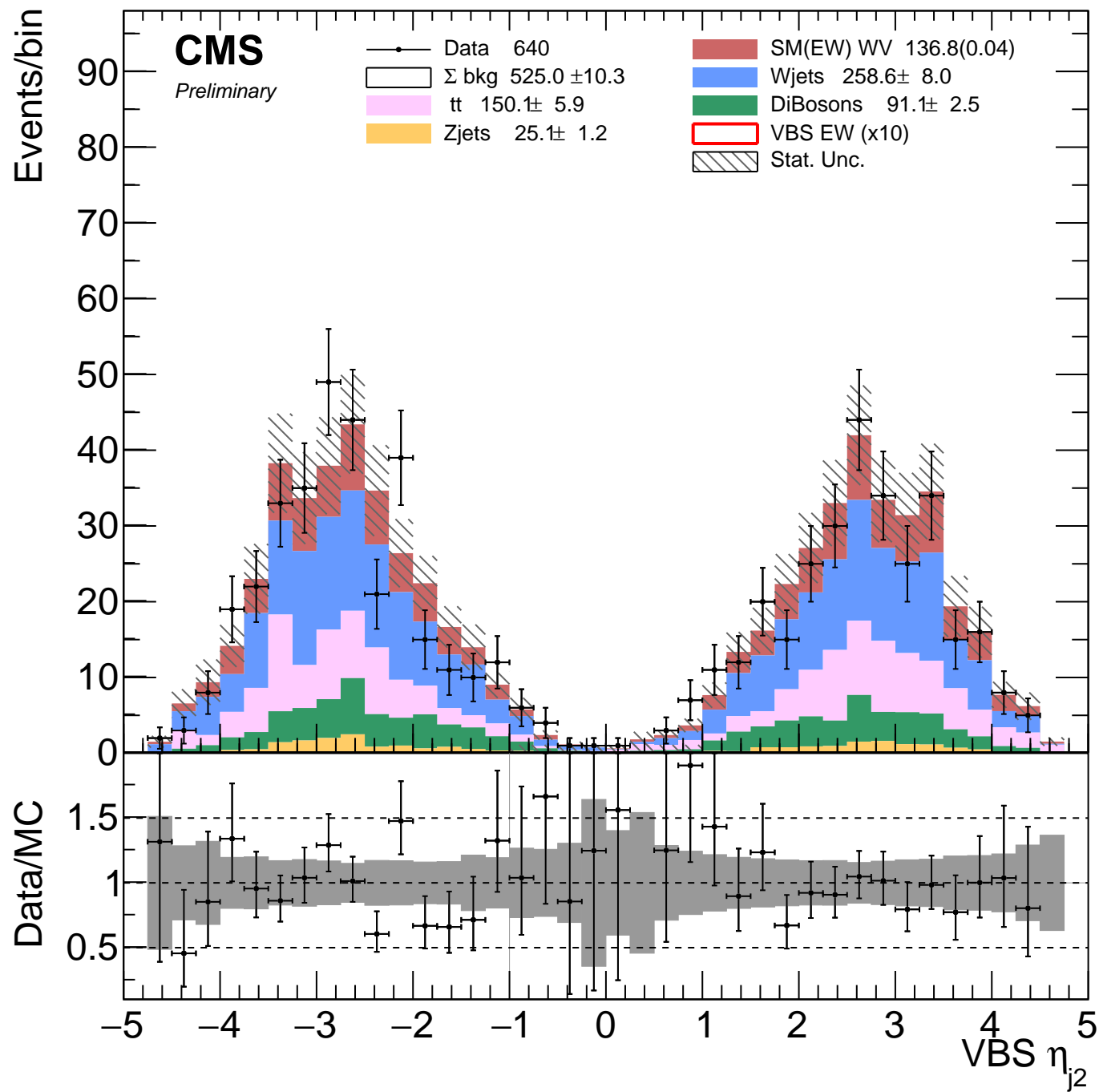
Data/MC



137 fb⁻¹ (13 TeV)



137 fb⁻¹ (13 TeV)



137 fb⁻¹ (13 TeV)

Events/bin

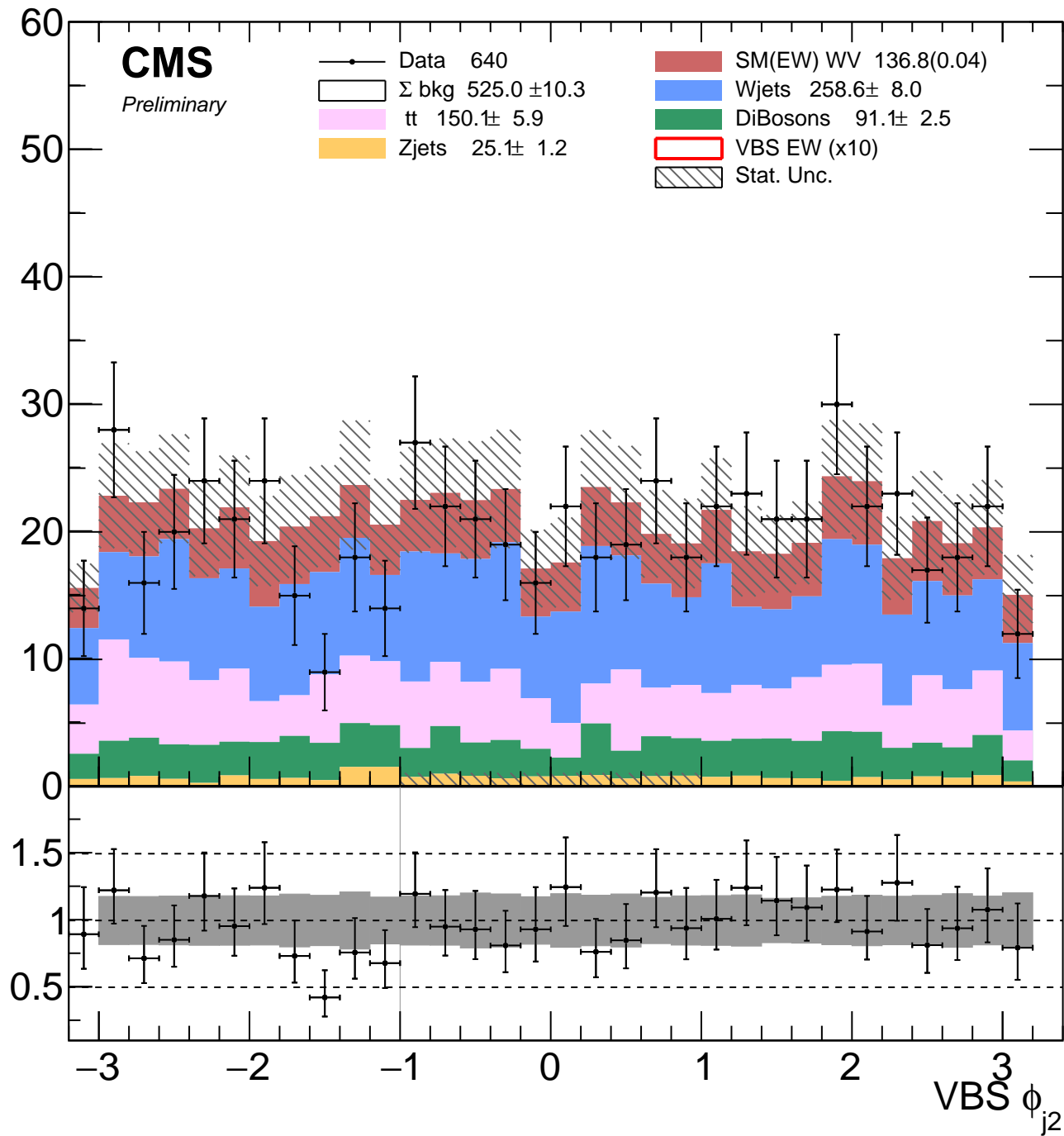
CMS

Preliminary

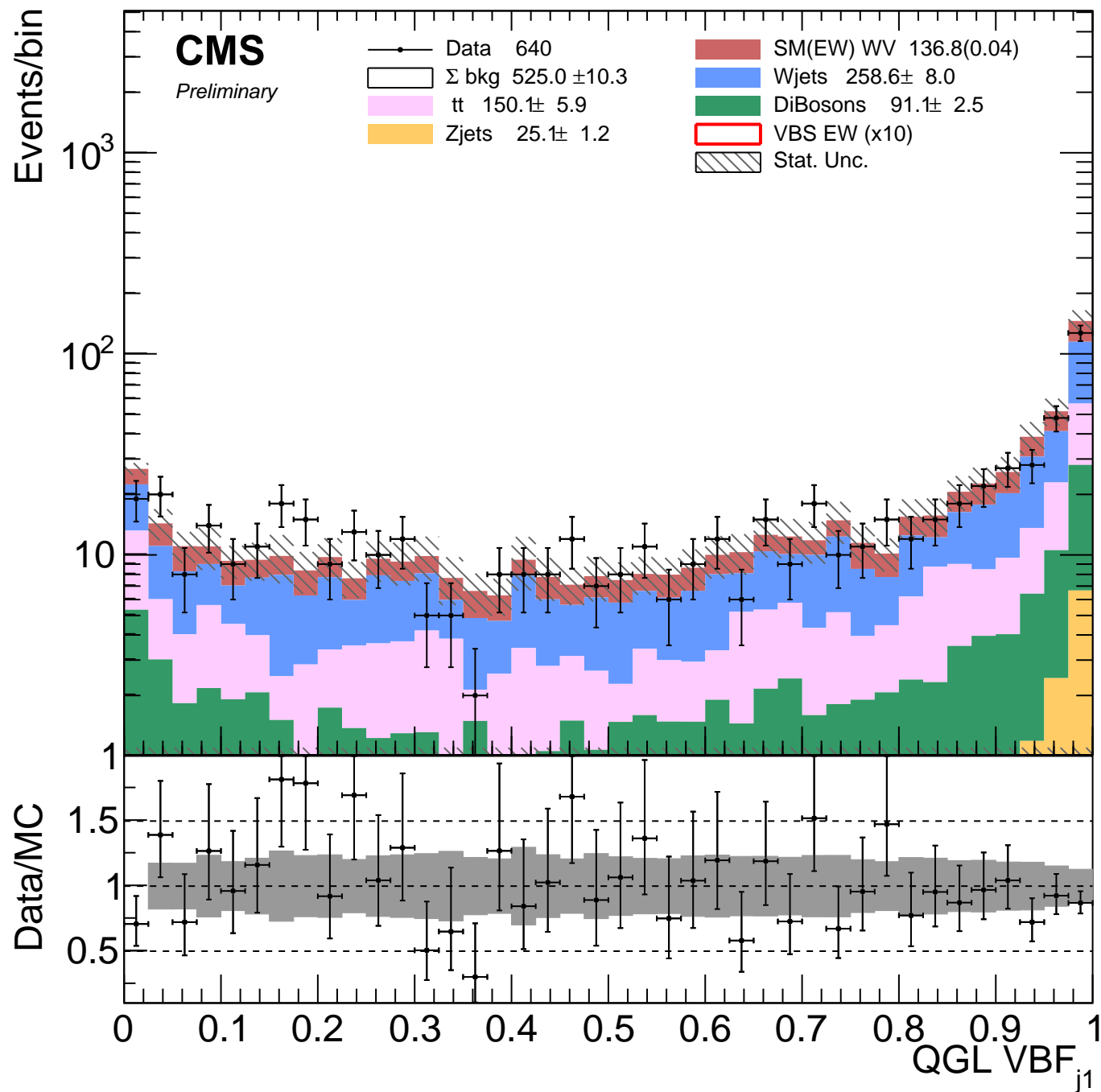
—•— Data 640
□ Σ bkg 525.0 \pm 10.3
■ tt 150.1 \pm 5.9
■ Zjets 25.1 \pm 1.2

■ SM(EW) WV 136.8(0.04)
■ Wjets 258.6 \pm 8.0
■ DiBosons 91.1 \pm 2.5
□ VBS EW (x10)
▨ Stat. Unc.

Data/MC



137 fb⁻¹ (13 TeV)



137 fb⁻¹ (13 TeV)

Events/bin

CMS

Preliminary

—•— Data 640
□ Σ bkg 525.0 \pm 10.3
■ tt 150.1 \pm 5.9
■ Zjets 25.1 \pm 1.2

■ SM(EW) WV 136.8(0.04)
■ Wjets 258.6 \pm 8.0
■ DiBosons 91.1 \pm 2.5
□ VBS EW (x10)
▨ Stat. Unc.

Data/MC

QGL VBF_{j2}

10³

10²

10

1

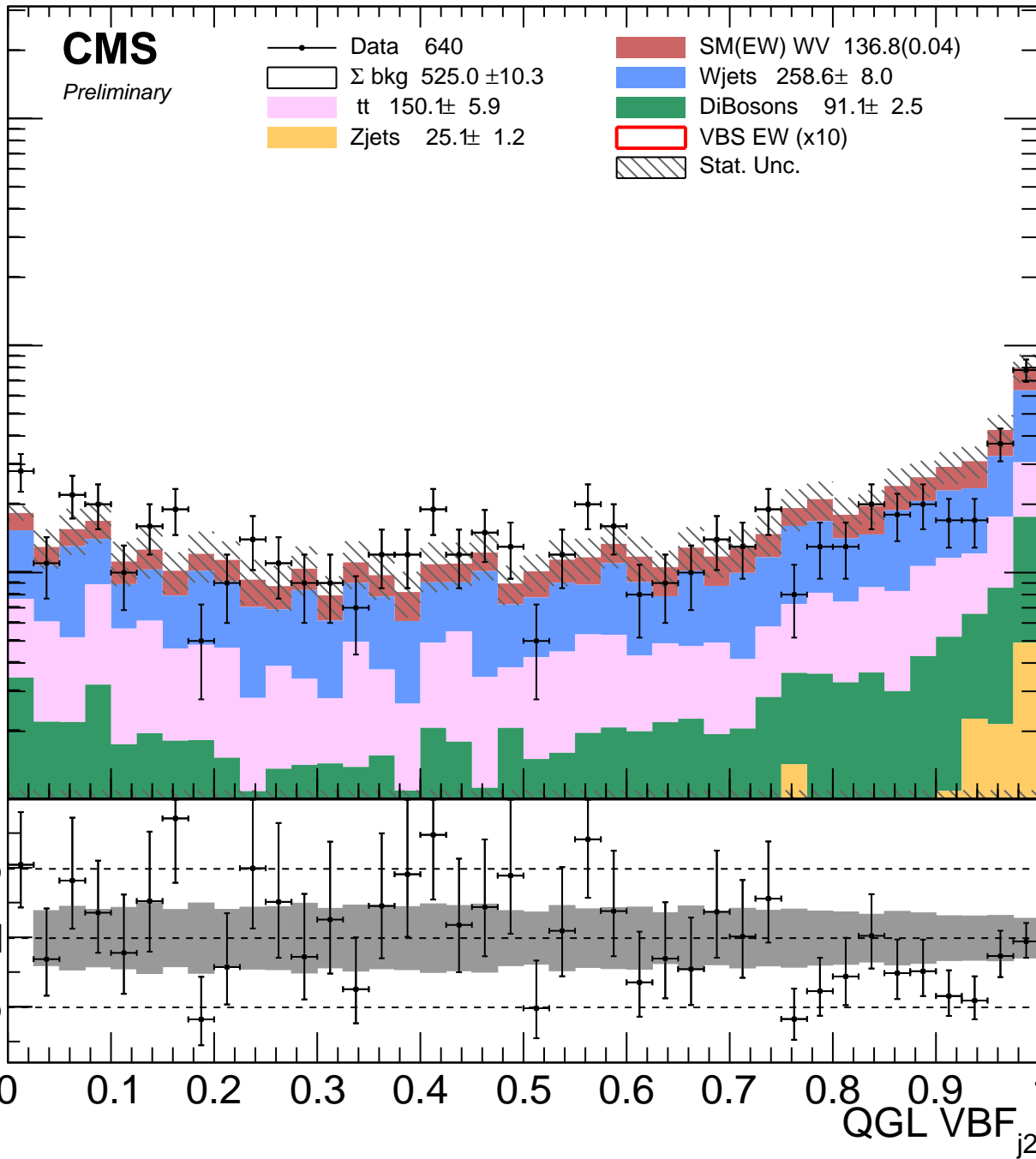
1.5

1

0.5

1

j2



137 fb⁻¹ (13 TeV)

Events/bin

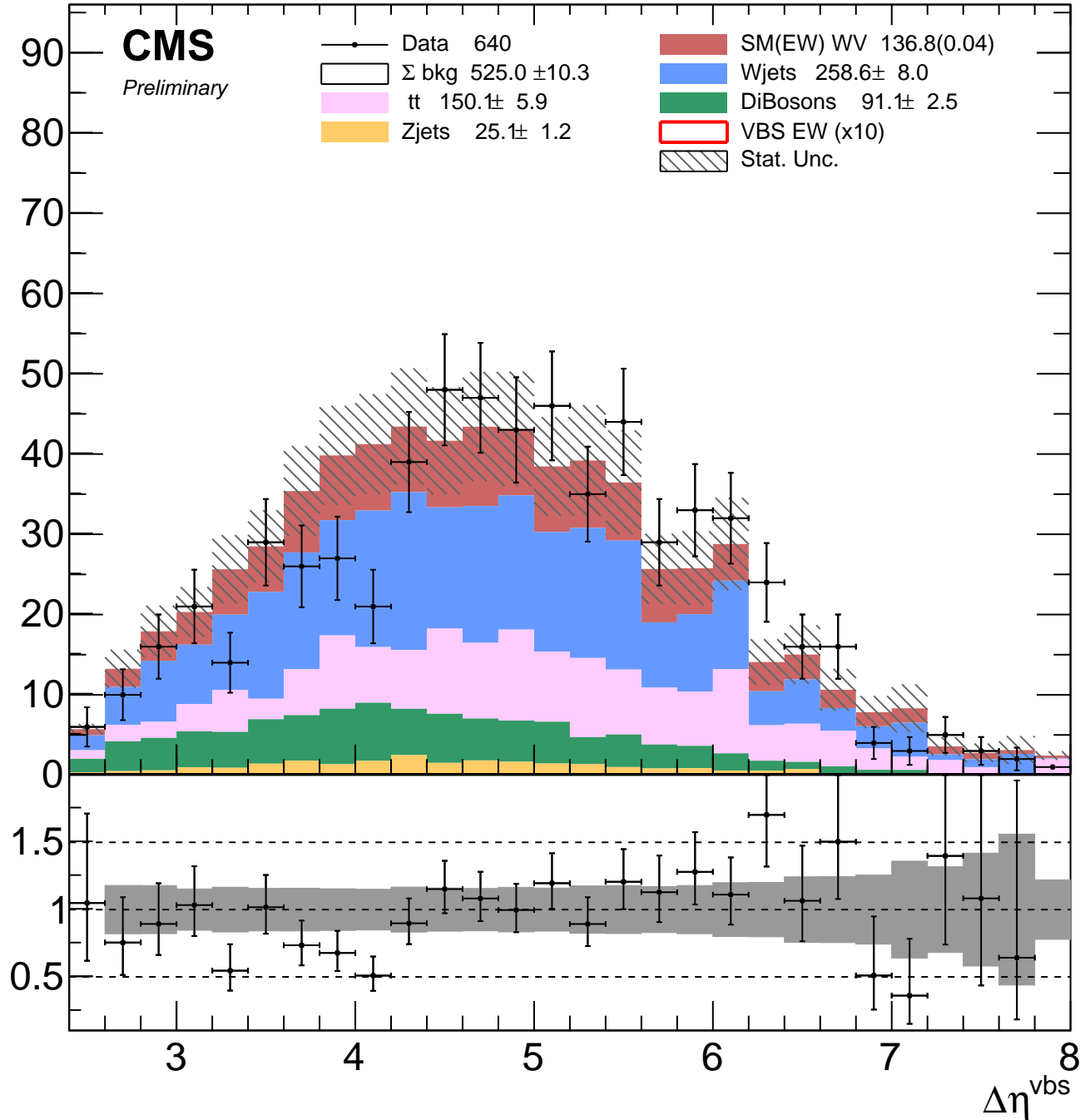
CMS

Preliminary

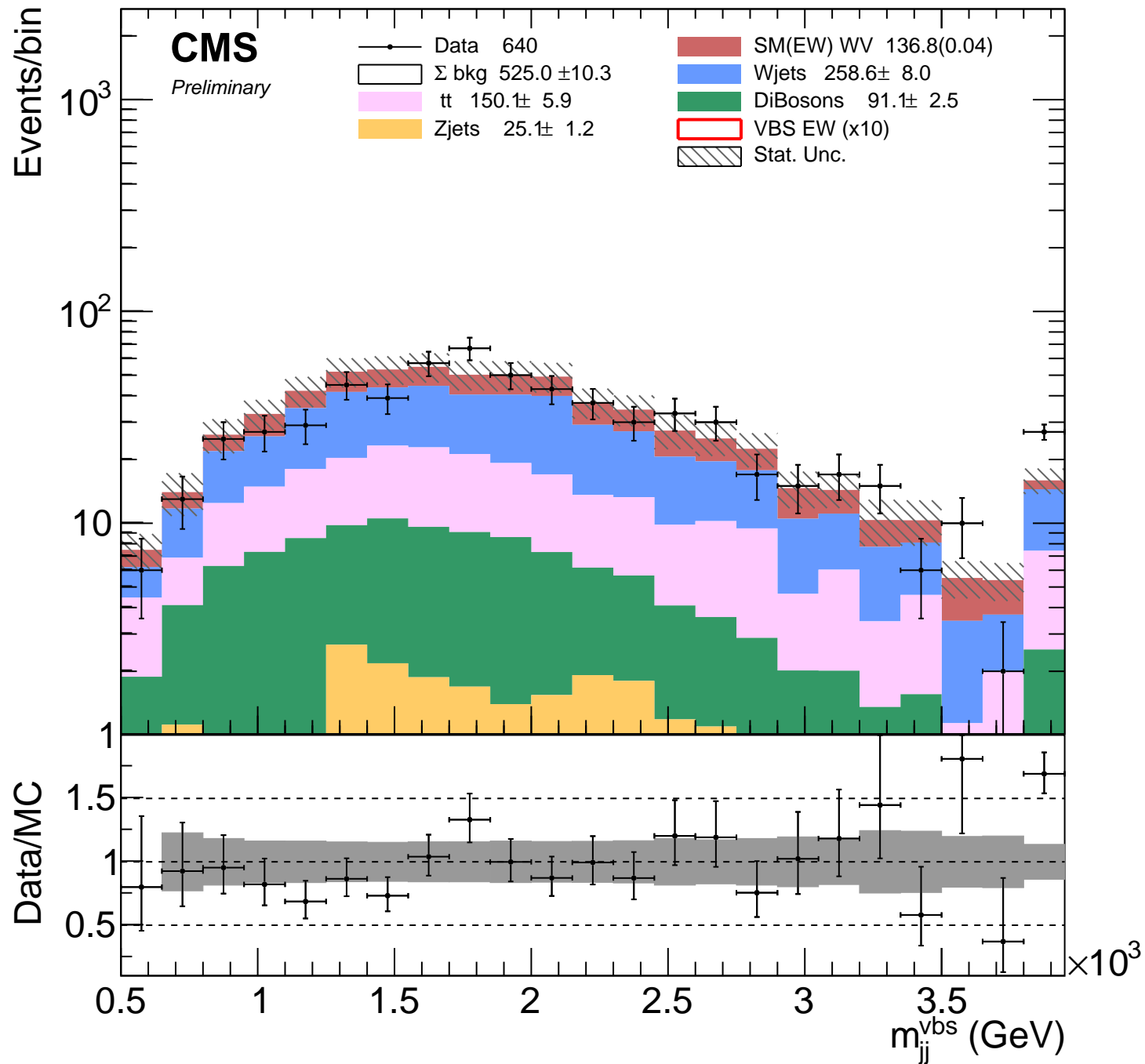
—•— Data 640
 □ Σ bkg 525.0 \pm 10.3
 ■ tt 150.1 \pm 5.9
 ■ Zjets 25.1 \pm 1.2

■ SM(EW) WV 136.8(0.04)
 ■ Wjets 258.6 \pm 8.0
 ■ DiBosons 91.1 \pm 2.5
 □ VBS EW (x10)
 ▨ Stat. Unc.

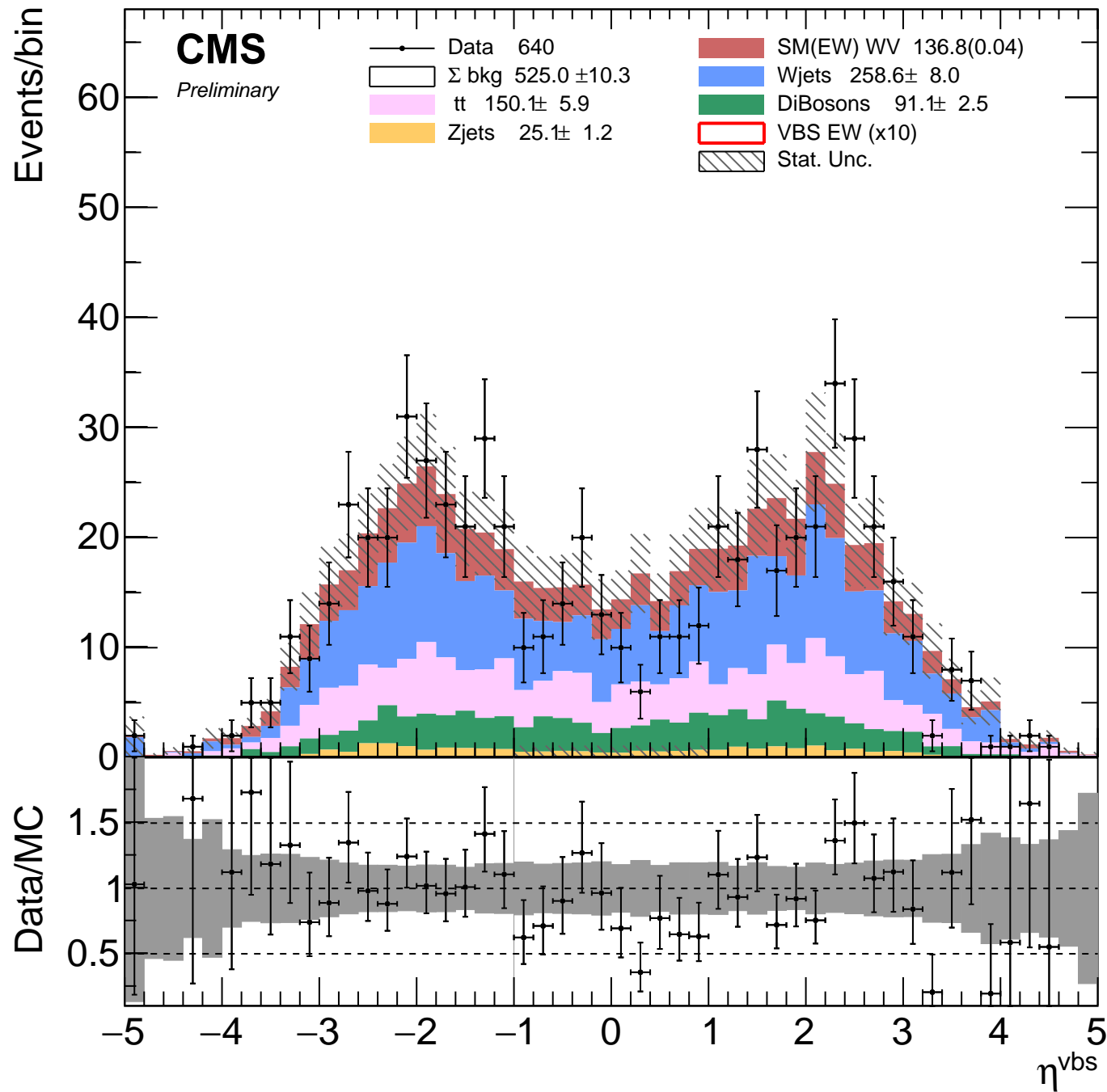
Data/MC



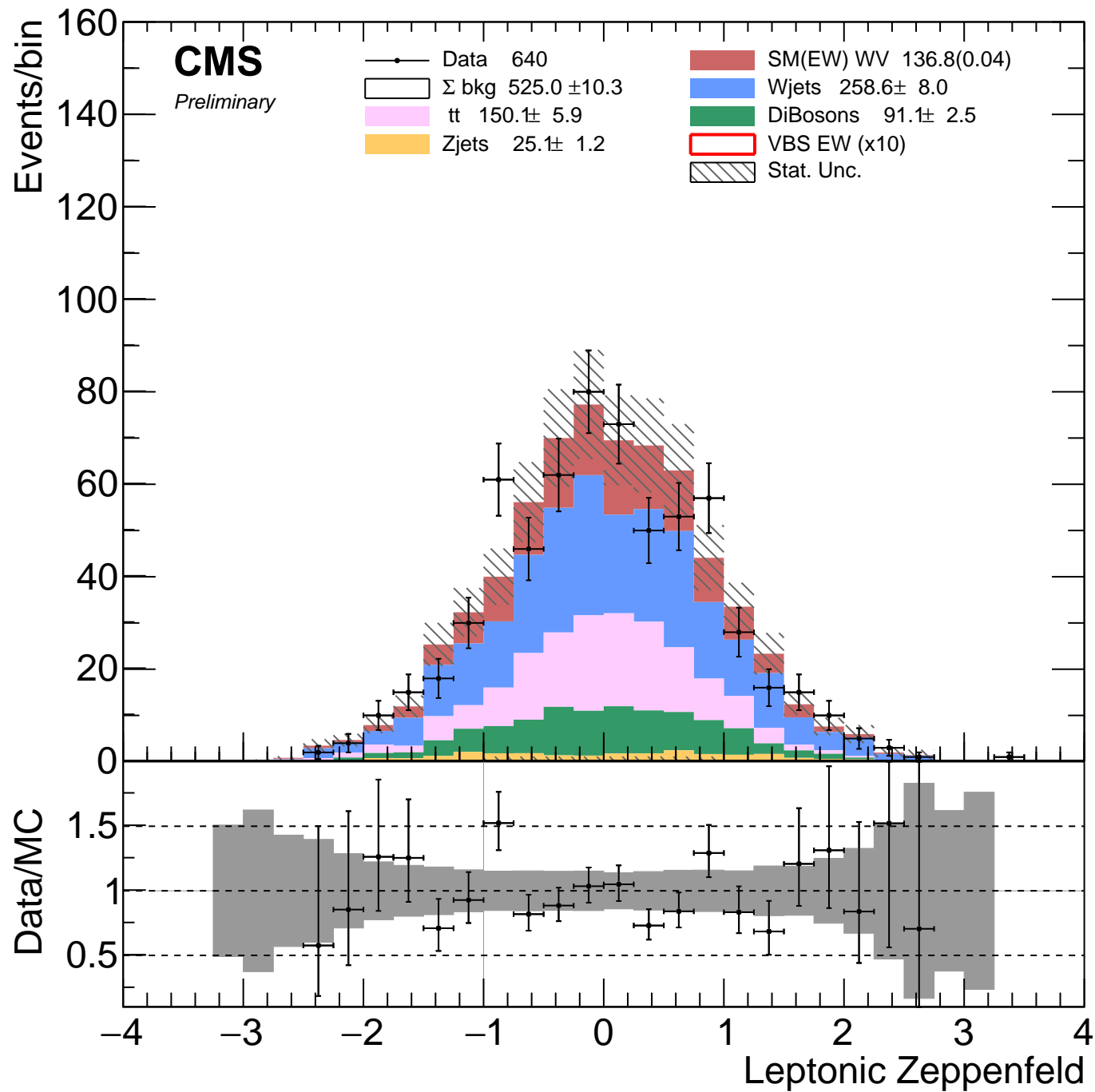
137 fb⁻¹ (13 TeV)



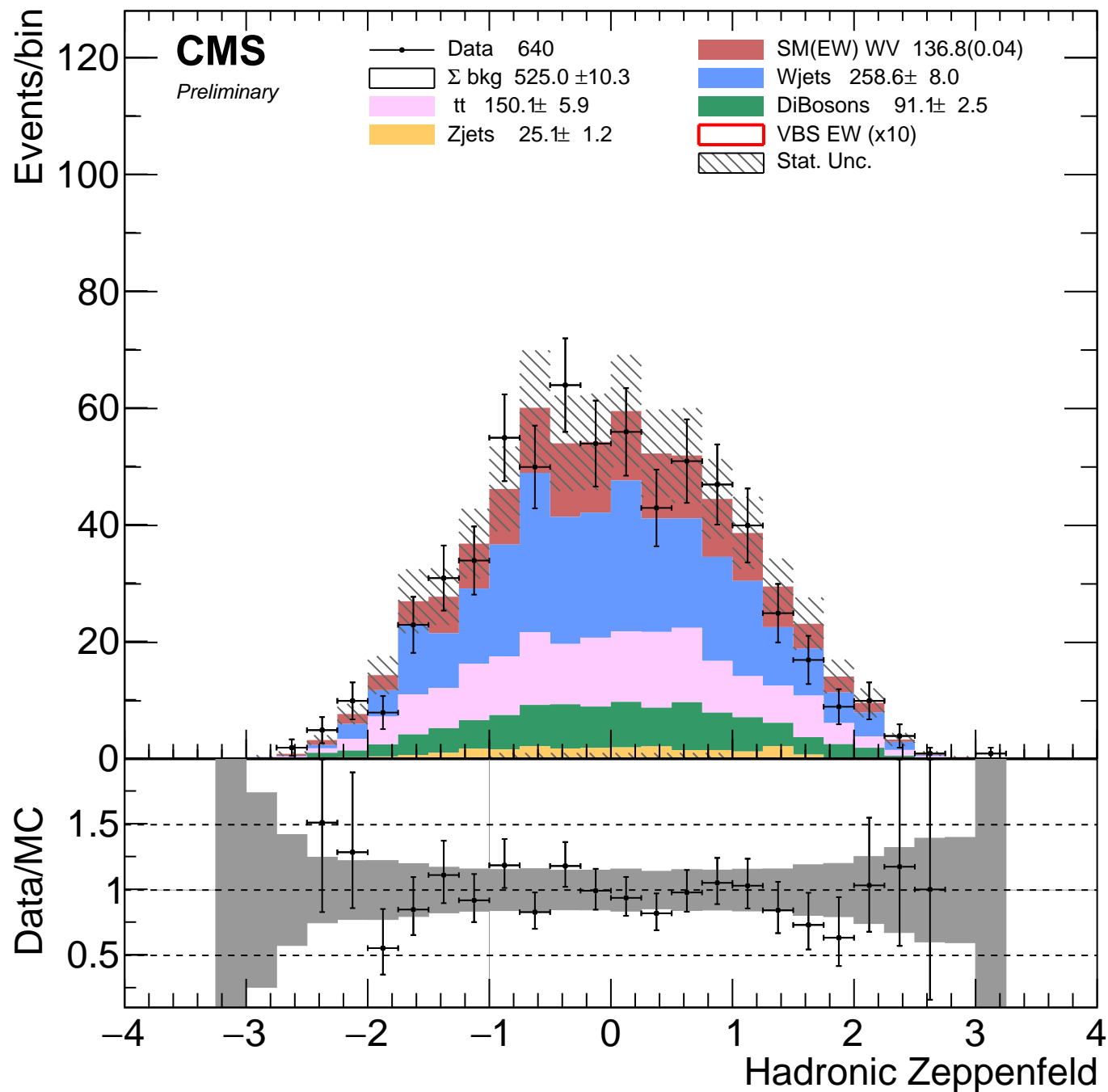
137 fb⁻¹ (13 TeV)



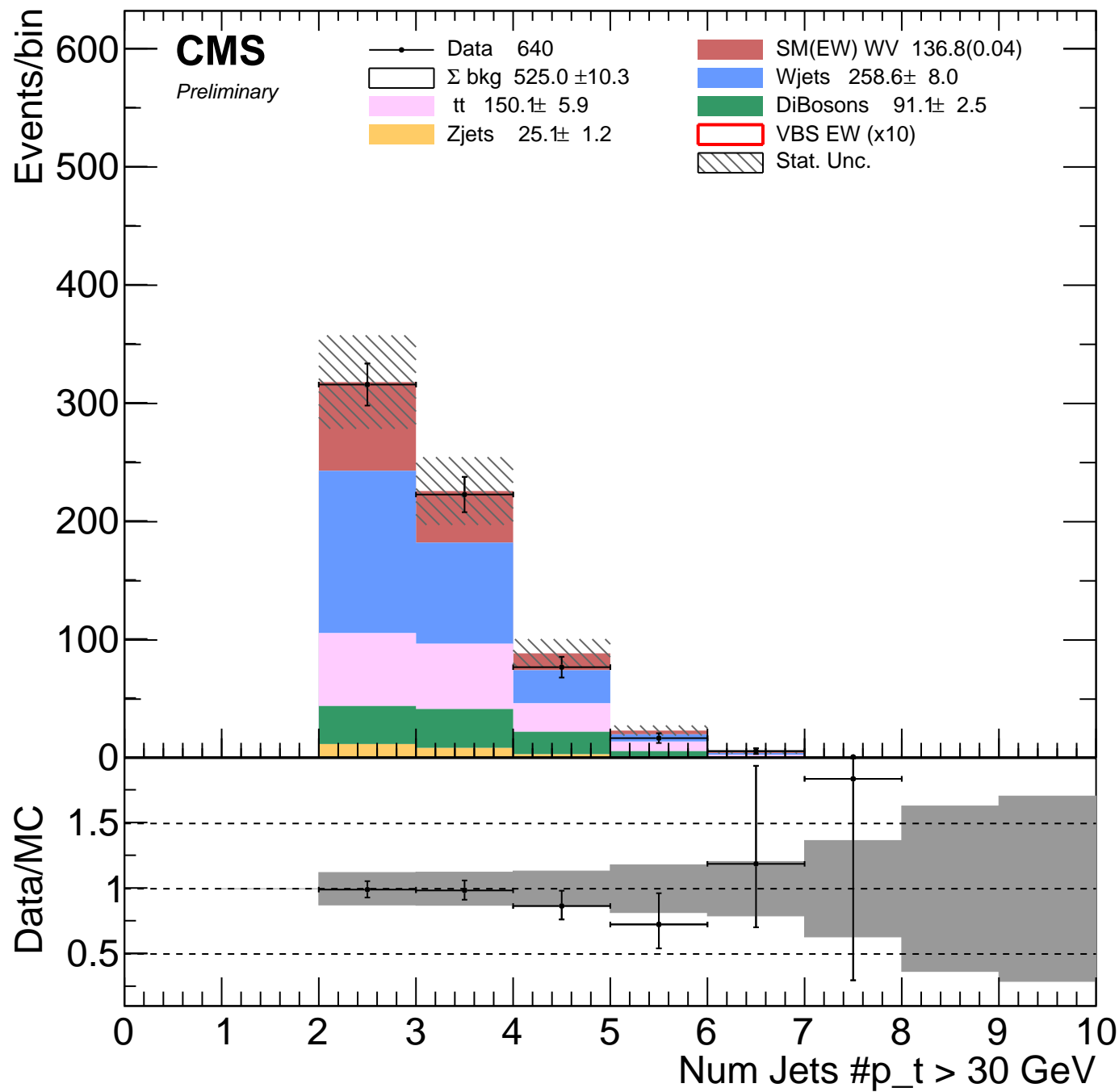
137 fb⁻¹ (13 TeV)



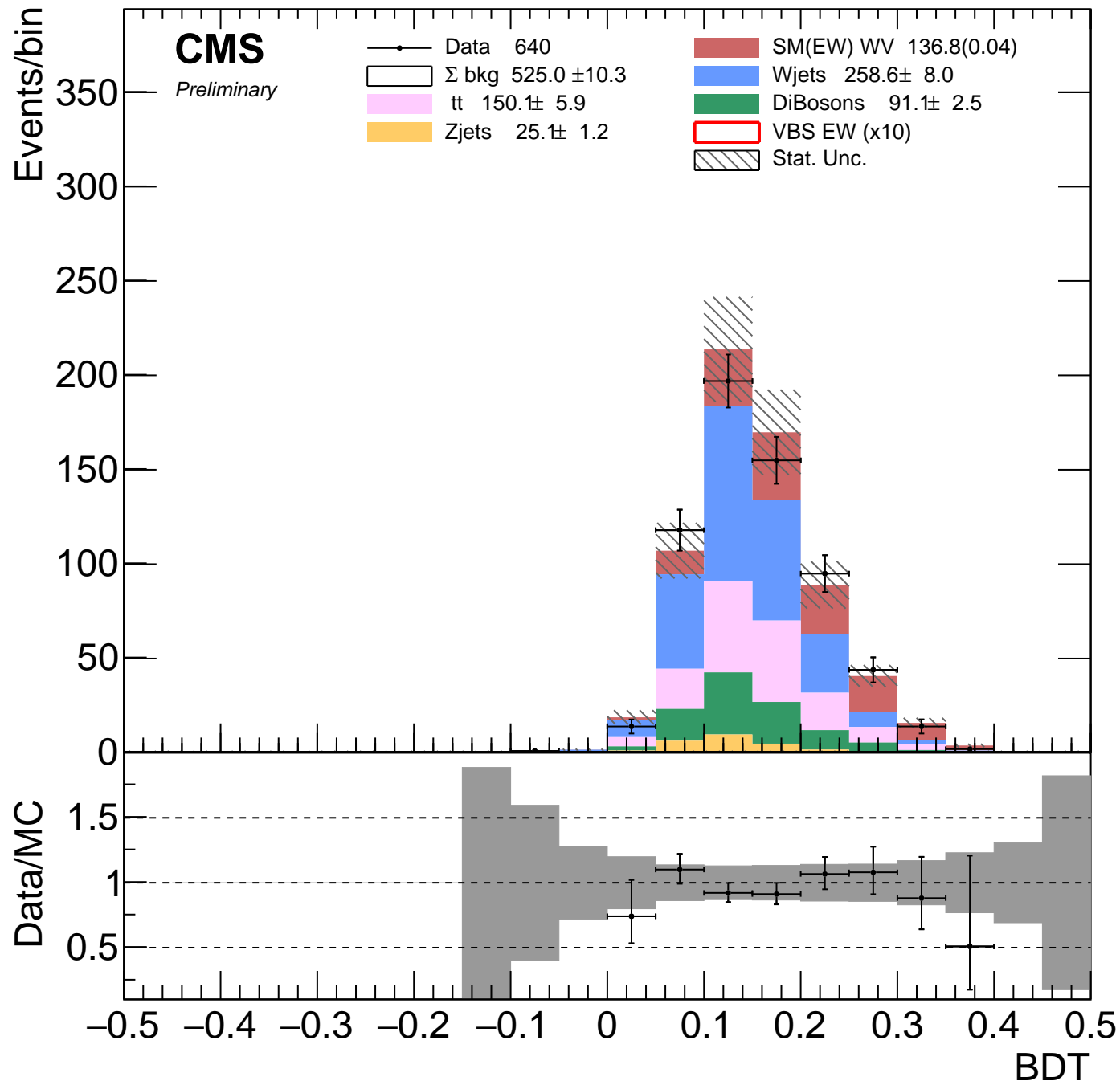
137 fb⁻¹ (13 TeV)



137 fb⁻¹ (13 TeV)



137 fb⁻¹ (13 TeV)



137 fb⁻¹ (13 TeV)

