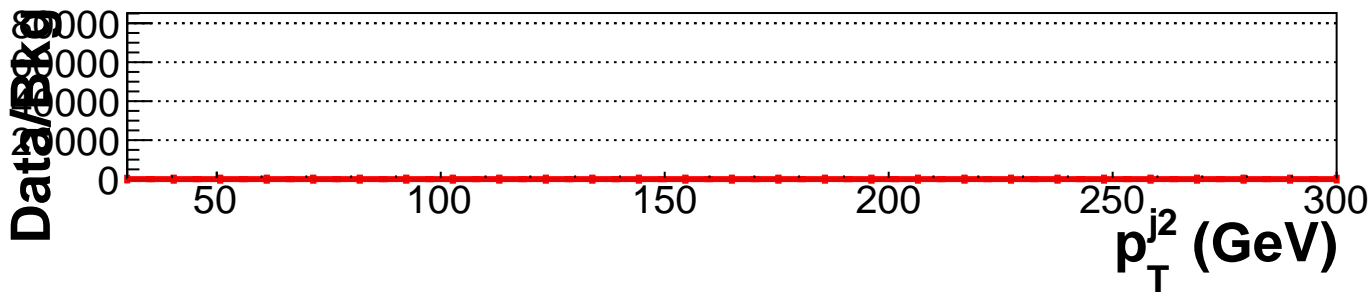
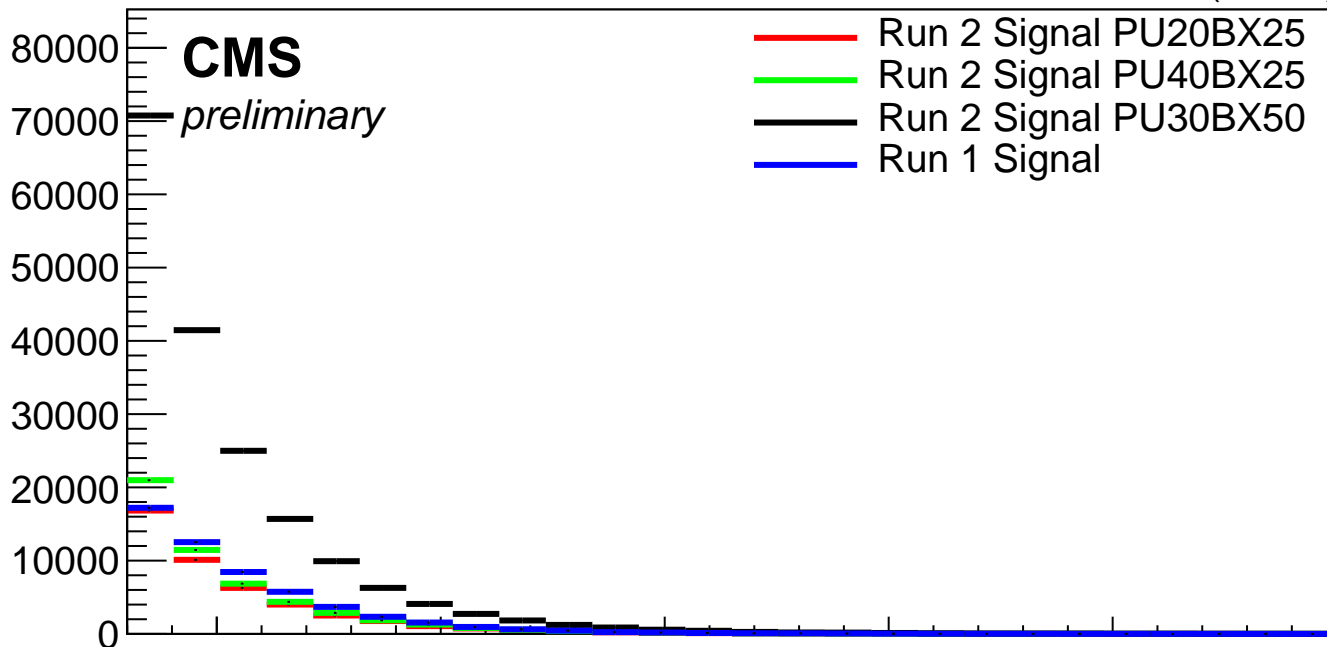


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal

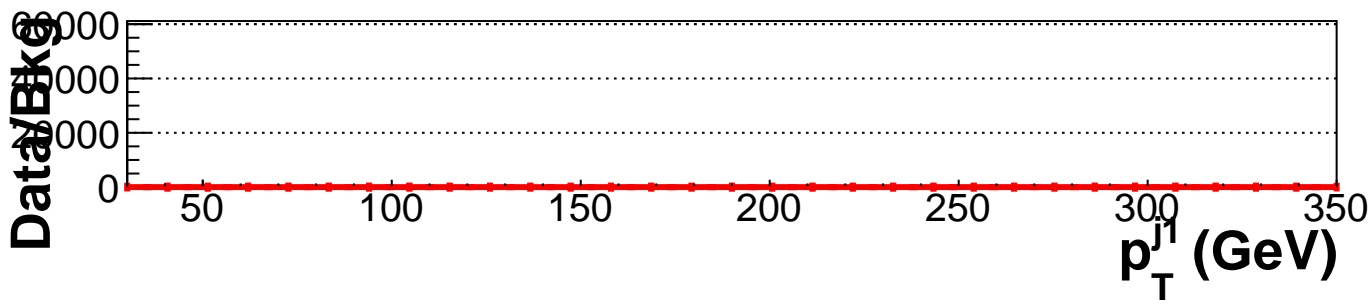
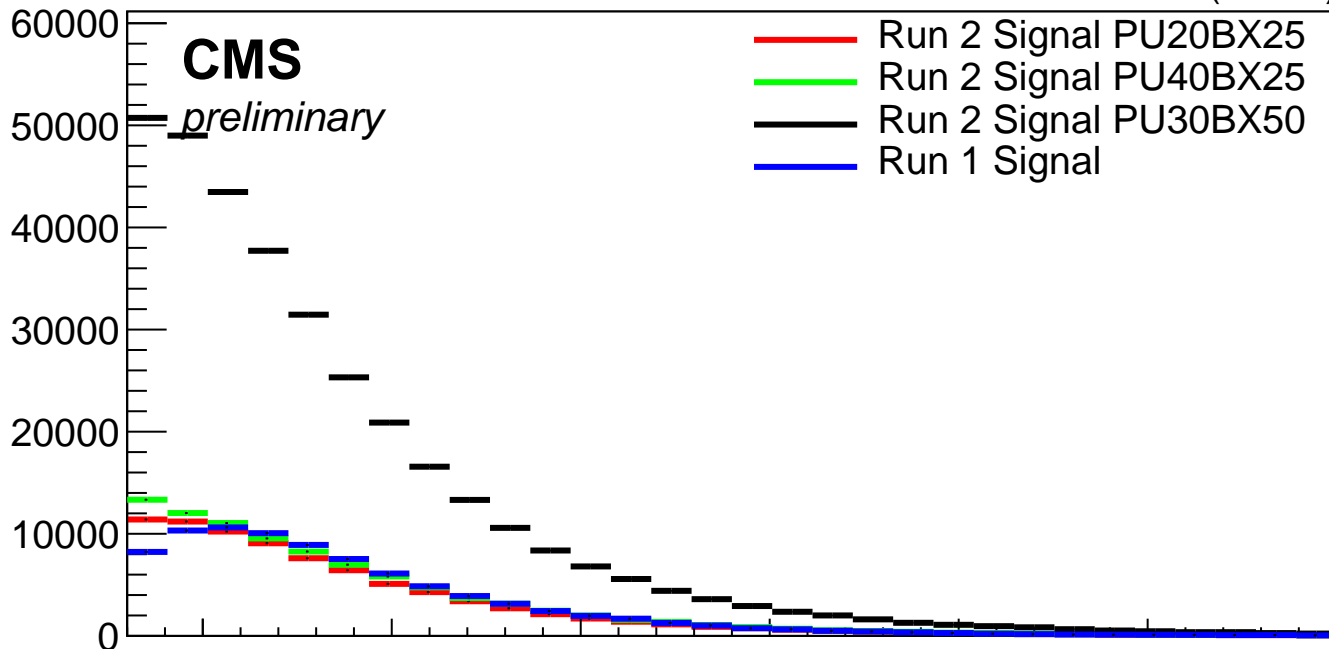


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal

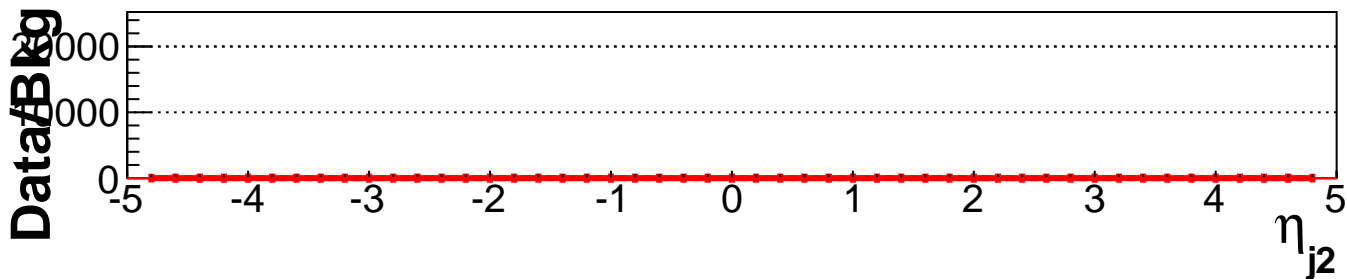
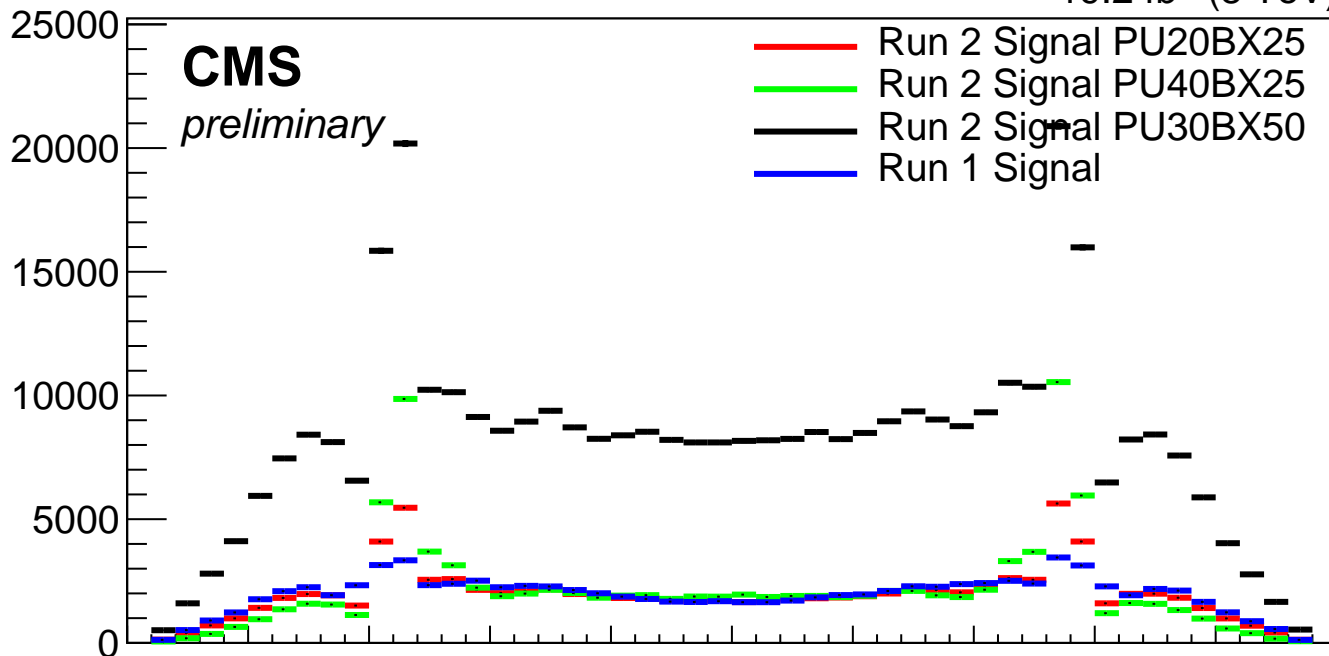


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal

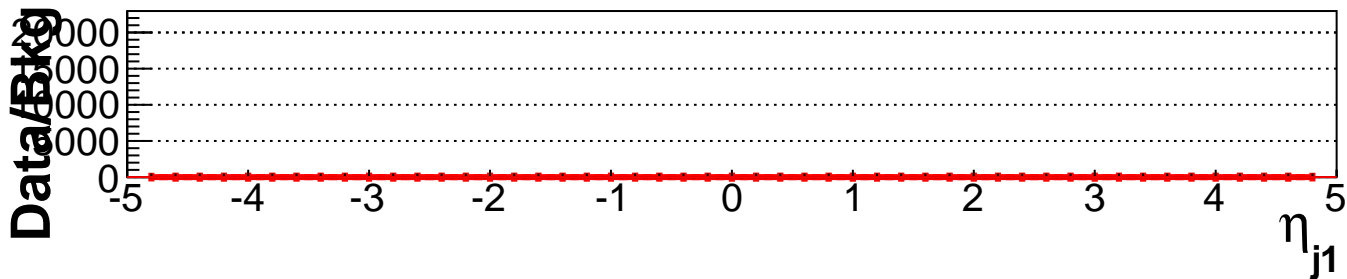
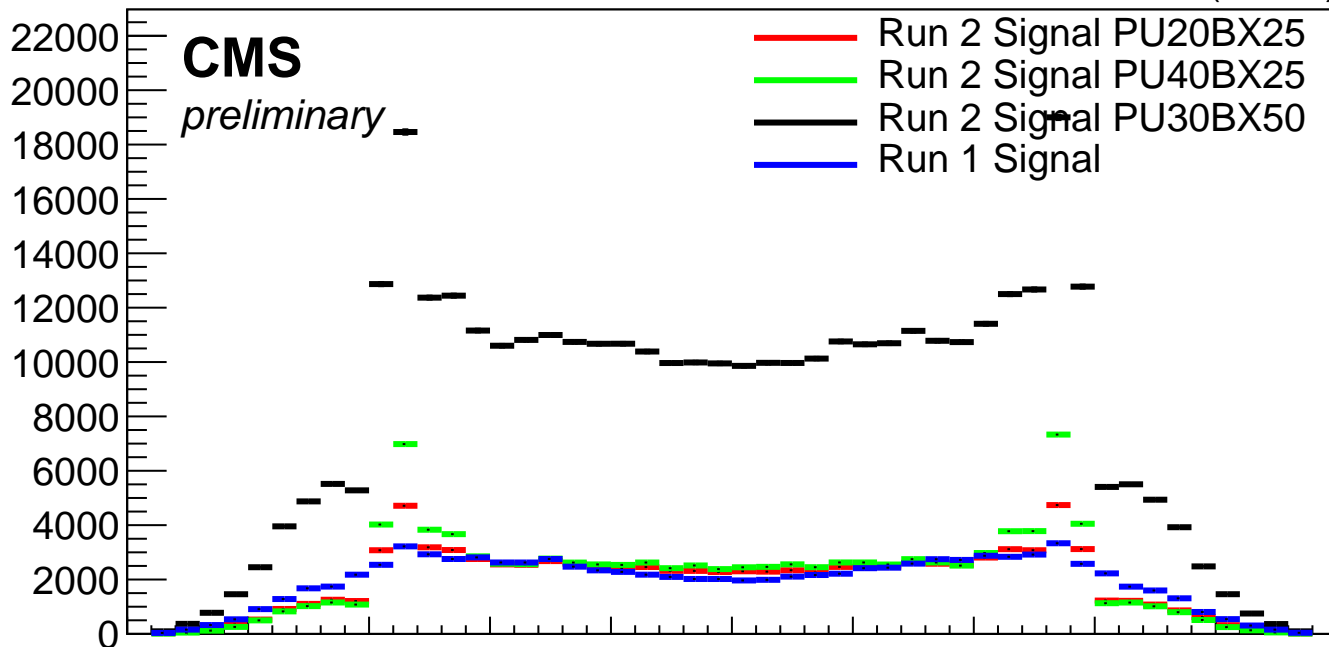


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal

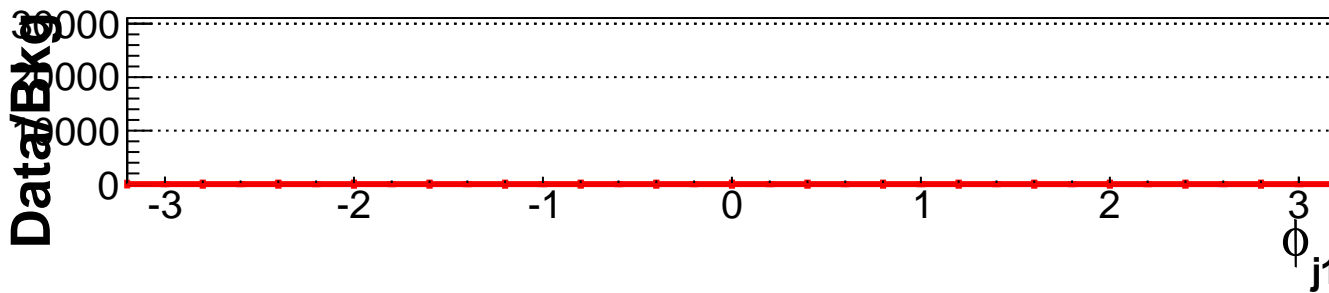
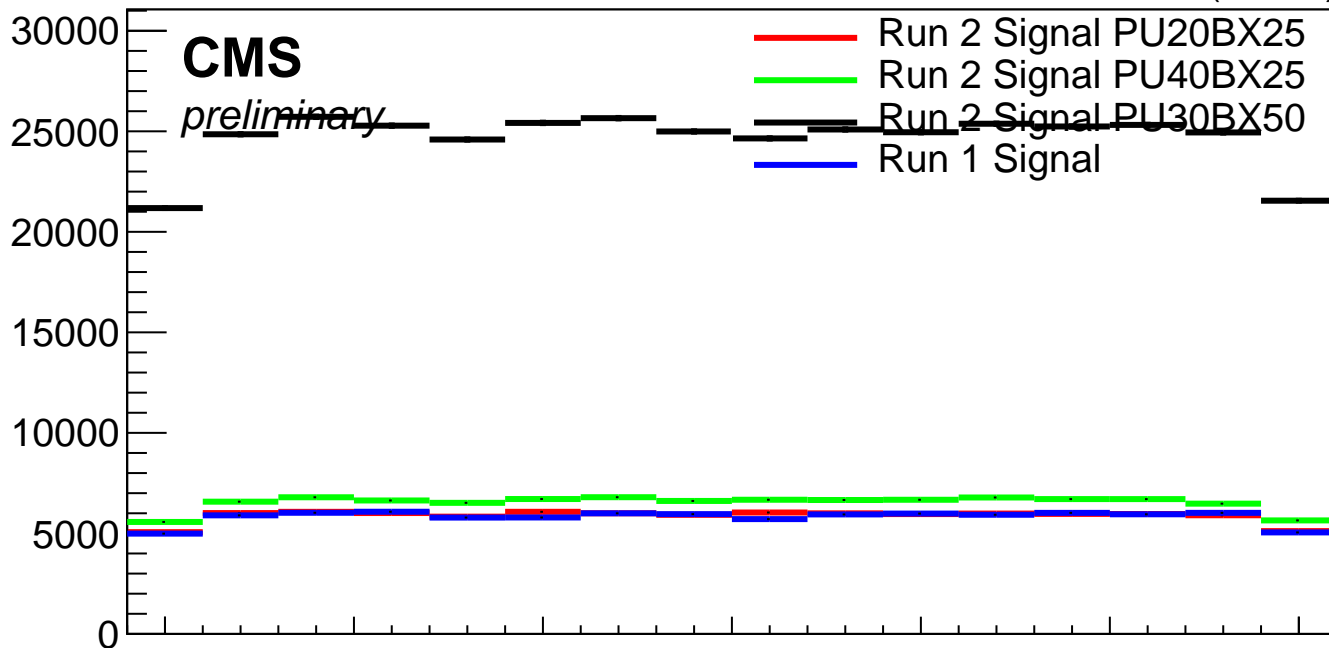


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

— Run 2 Signal PU20BX25
— Run 2 Signal PU40BX25
— Run 2 Signal PU30BX50
— Run 1 Signal

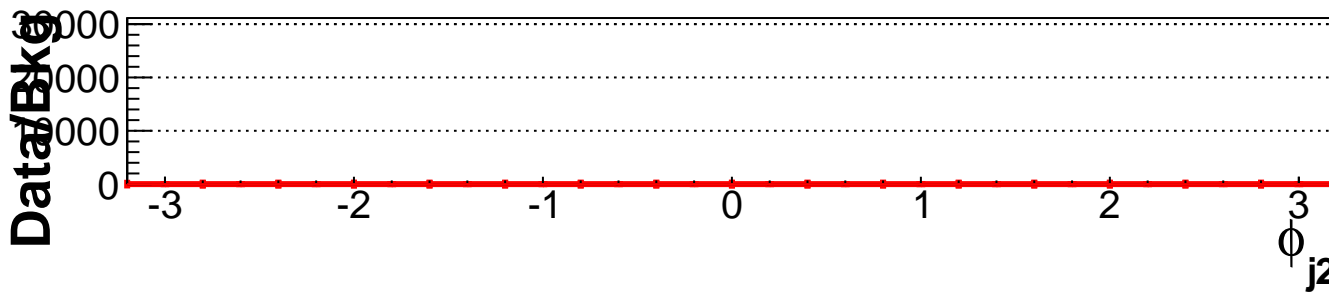
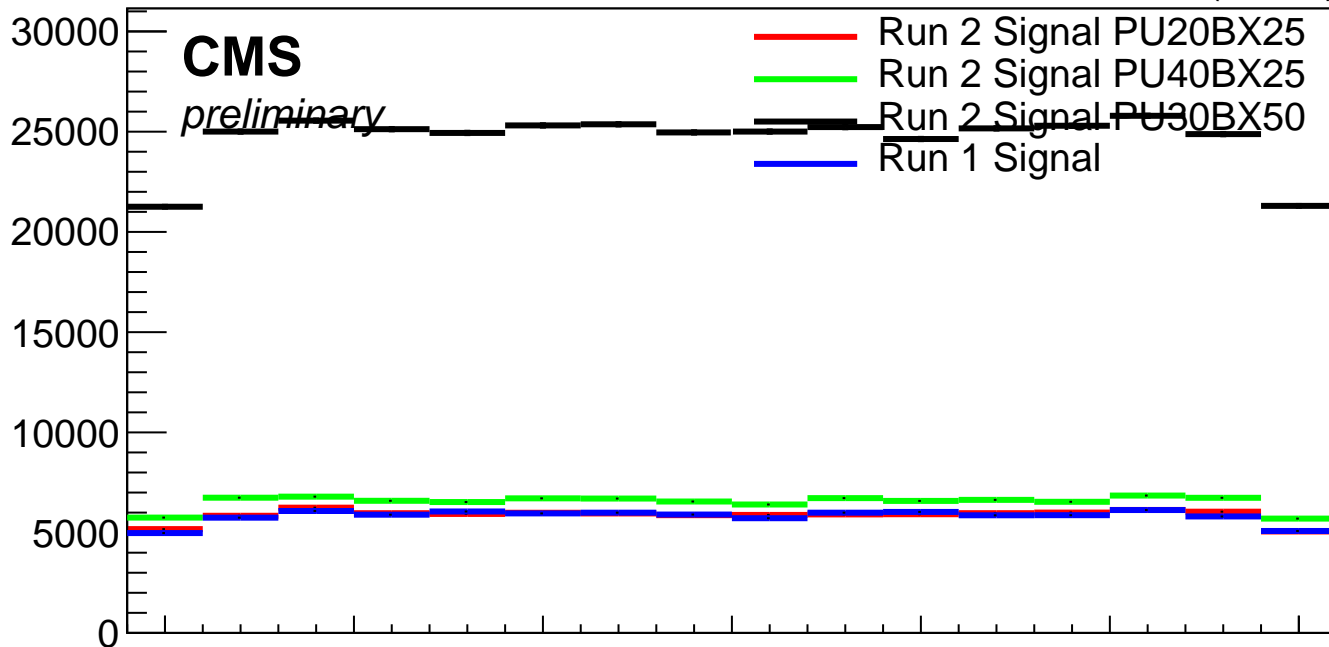


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

— Run 2 Signal PU20BX25
— Run 2 Signal PU40BX25
— Run 2 Signal PU30BX50
— Run 1 Signal

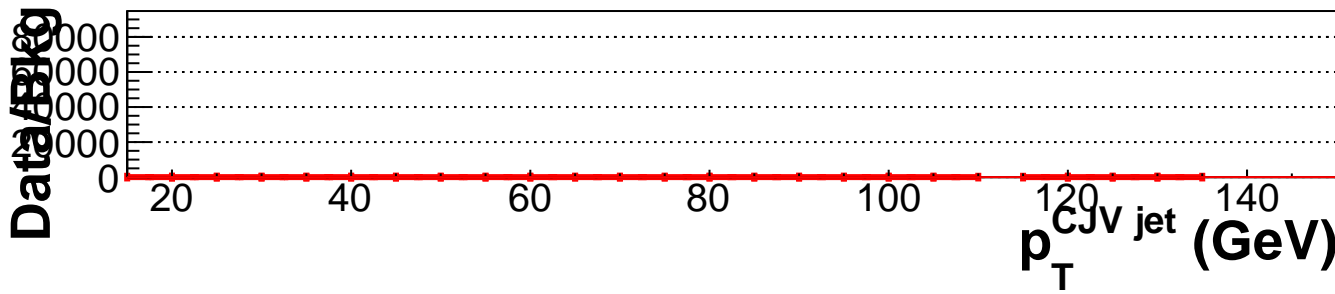
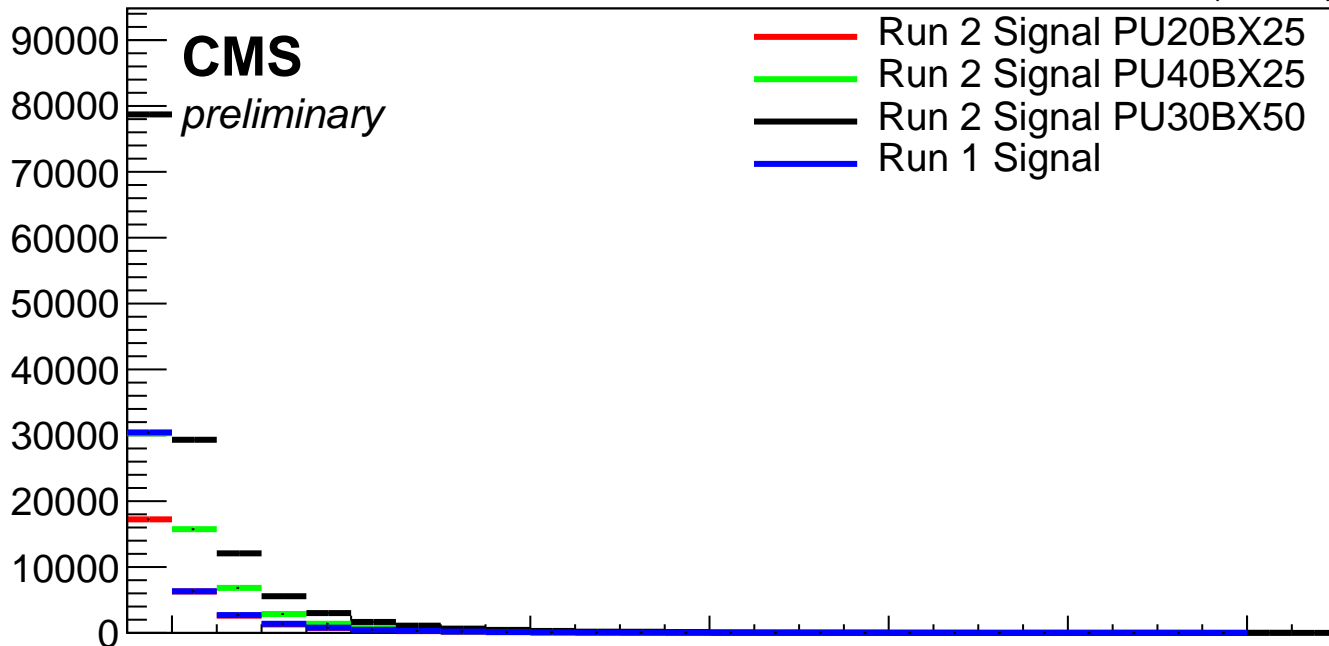


19.2 fb⁻¹ (8 TeV)

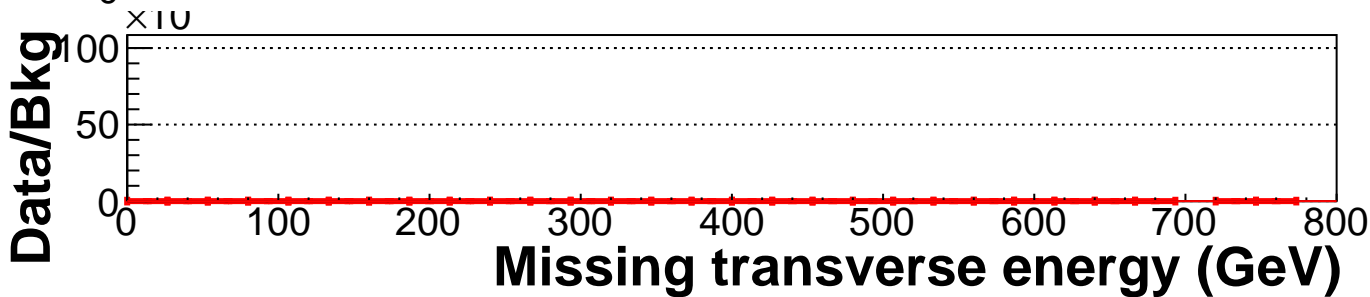
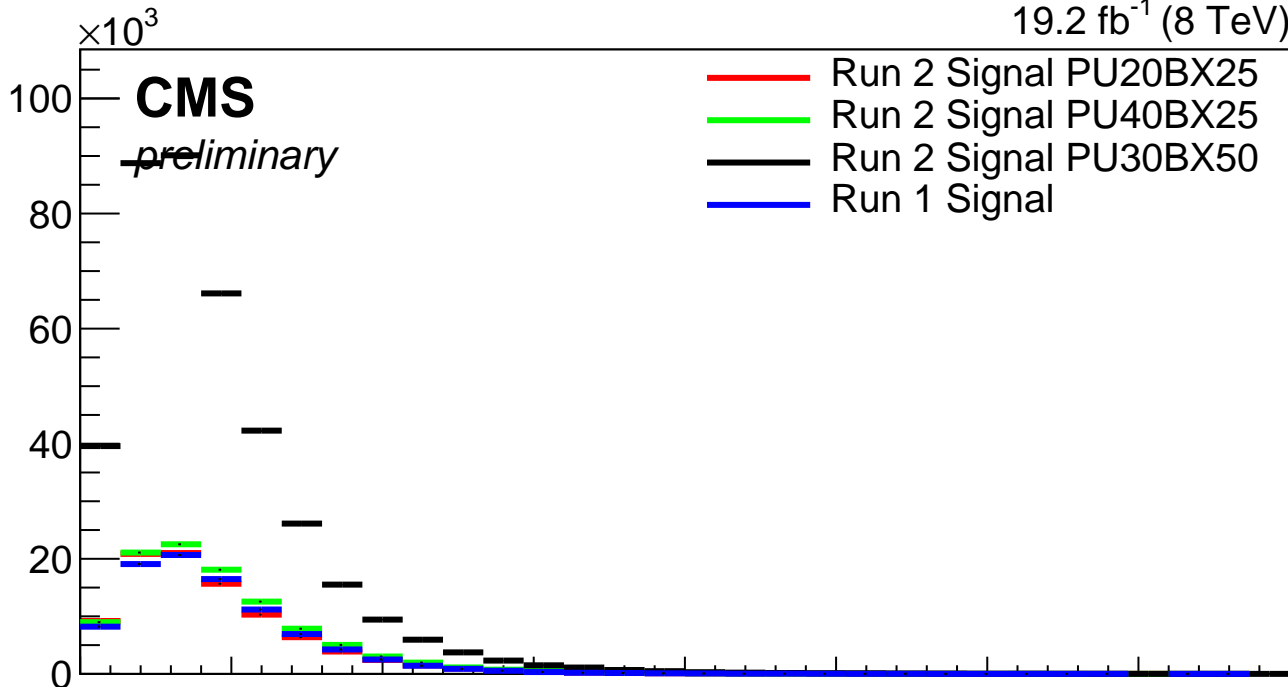
CMS

preliminary

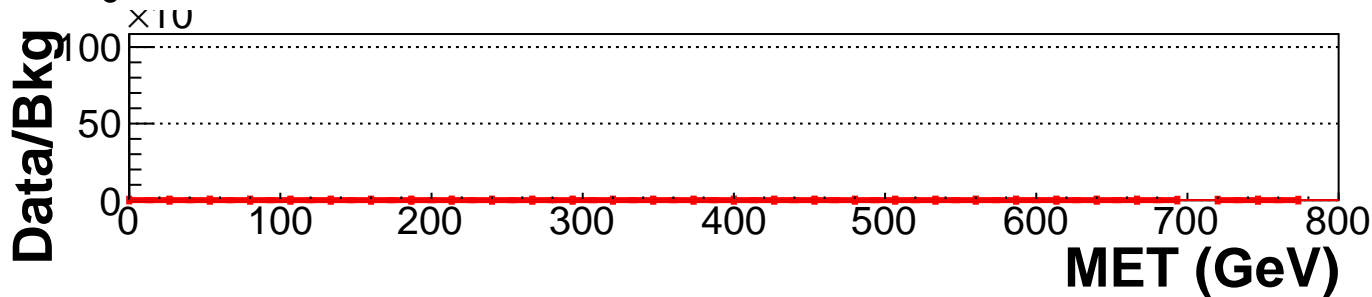
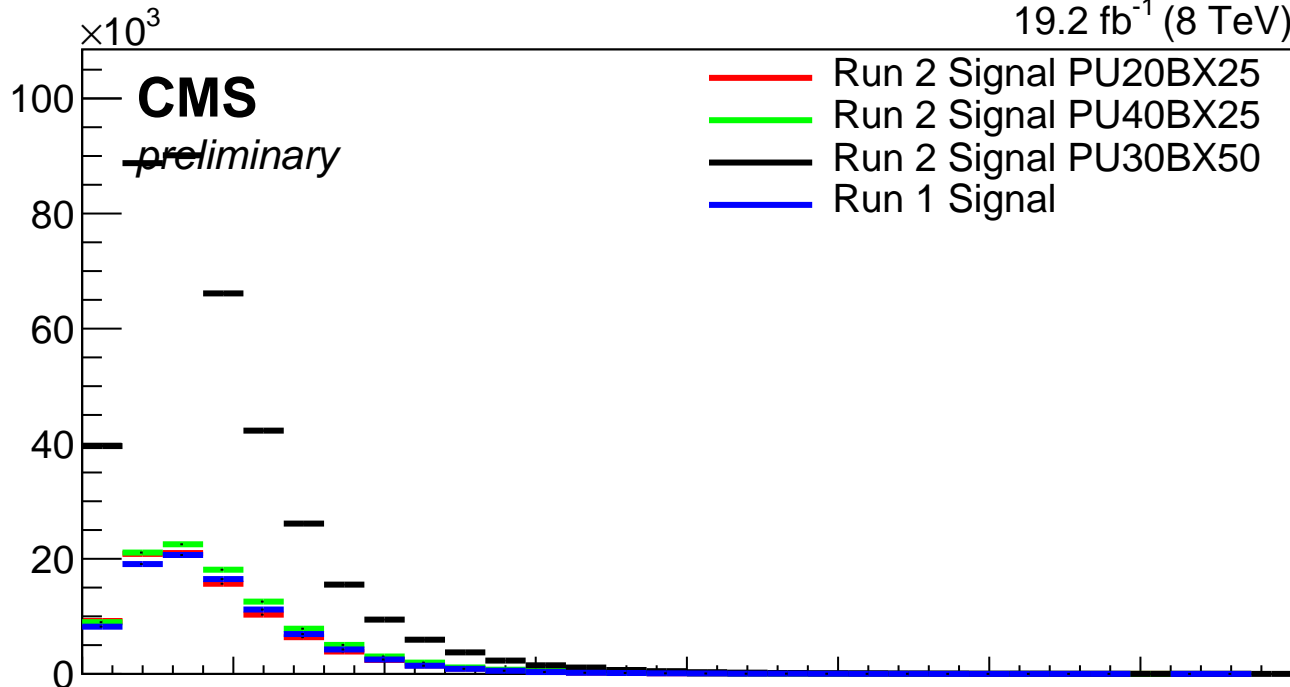
- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal



19.2 fb⁻¹ (8 TeV)



19.2 fb⁻¹ (8 TeV)

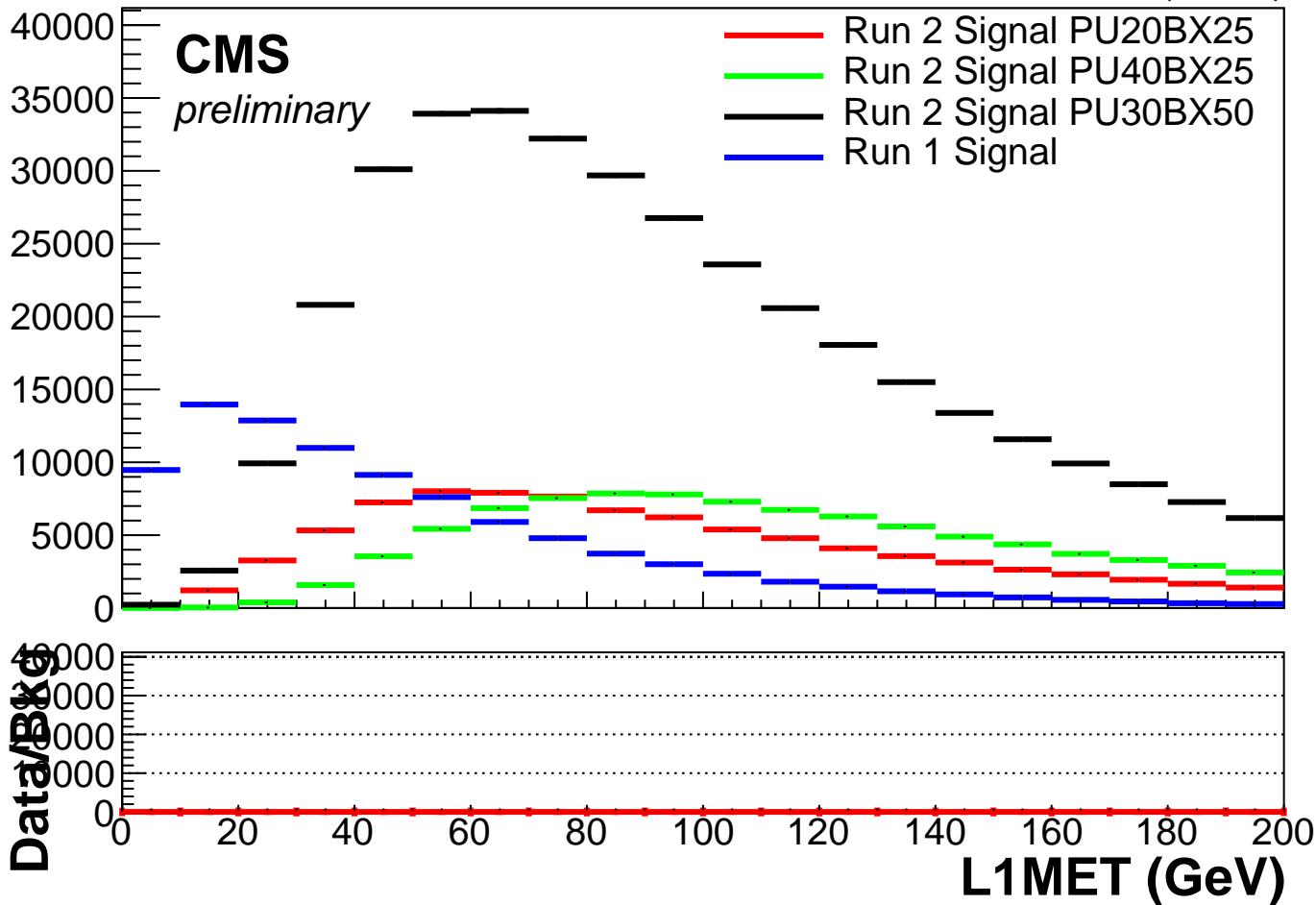


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal

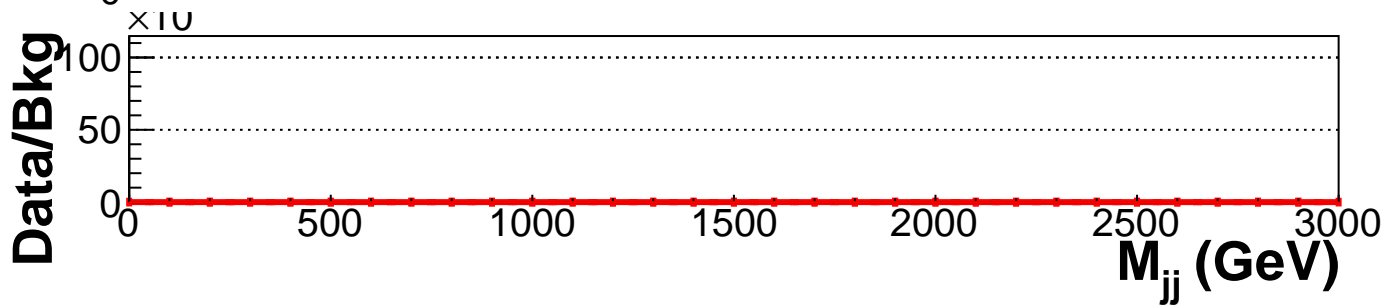


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

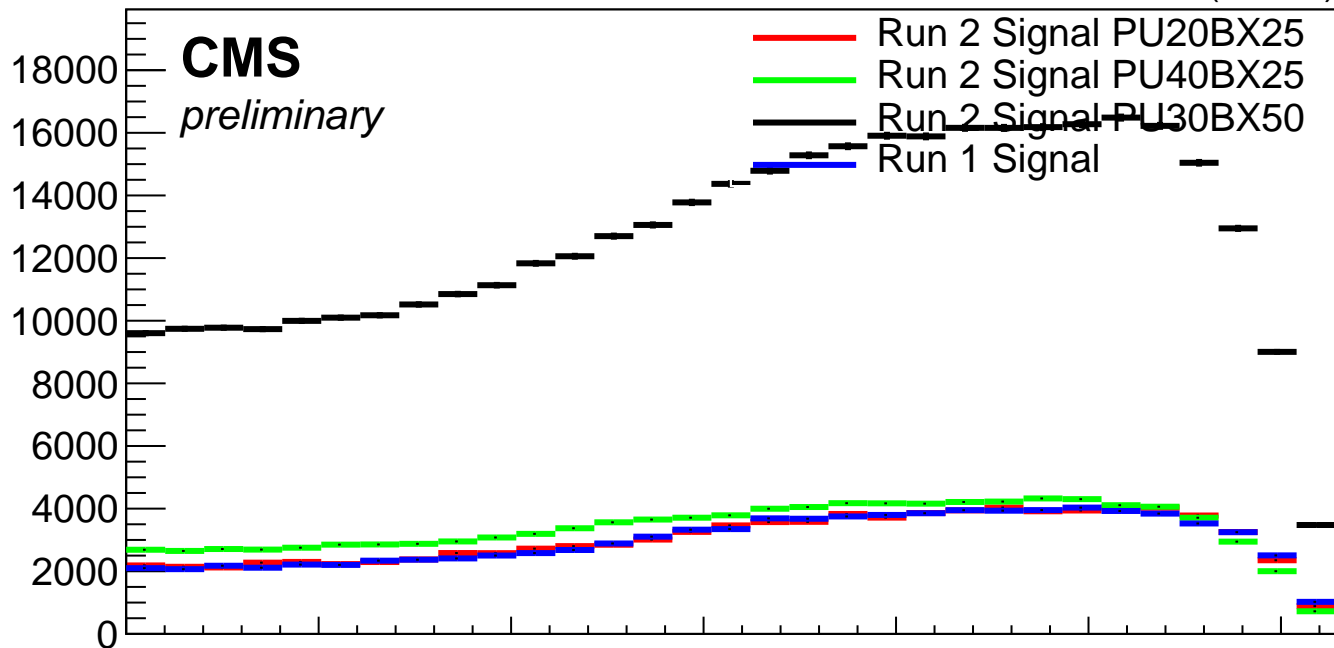
- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal



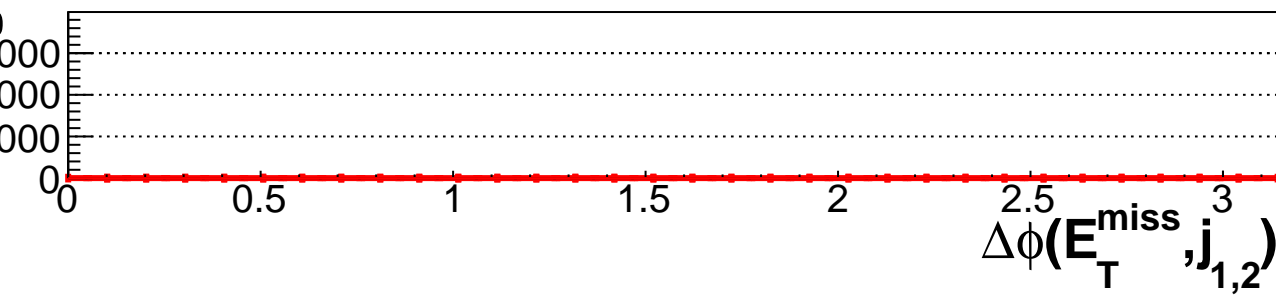
19.2 fb⁻¹ (8 TeV)

CMS

preliminary



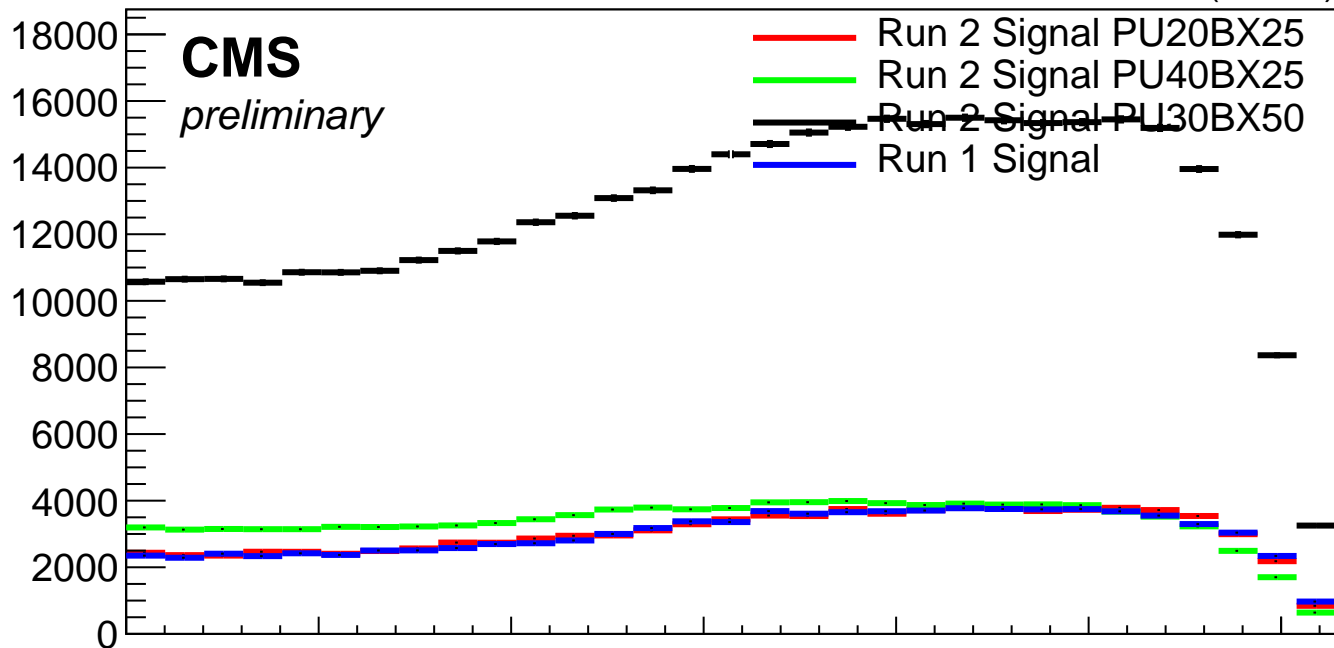
Data/Bkg



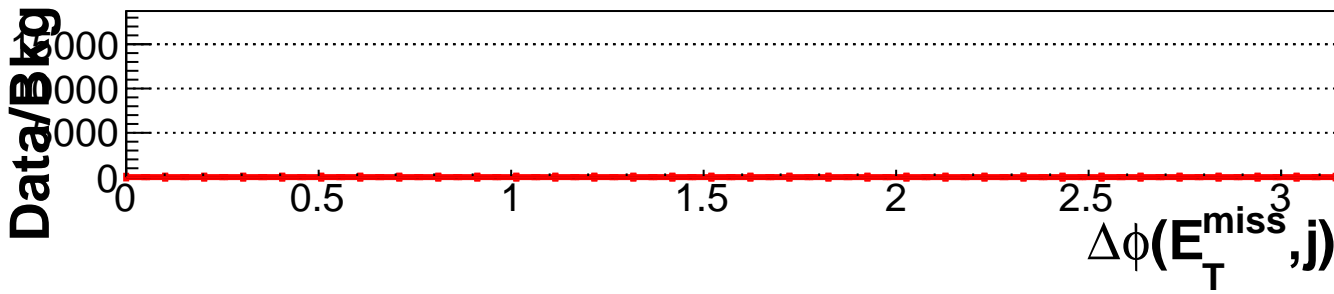
19.2 fb⁻¹ (8 TeV)

CMS

preliminary



Data/Bkg

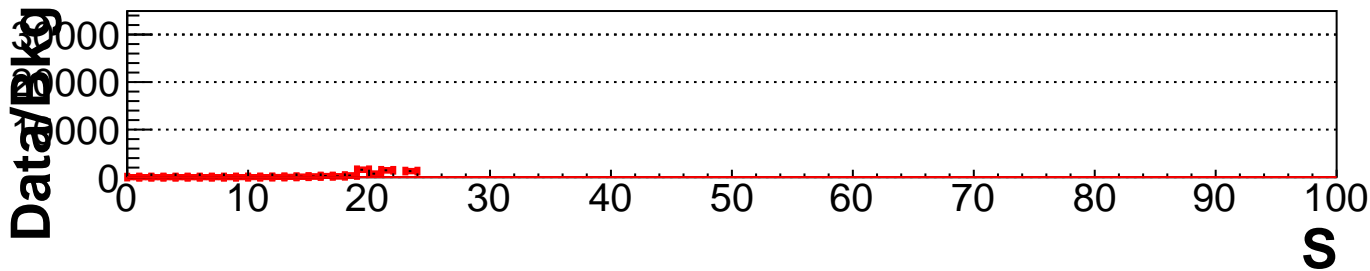
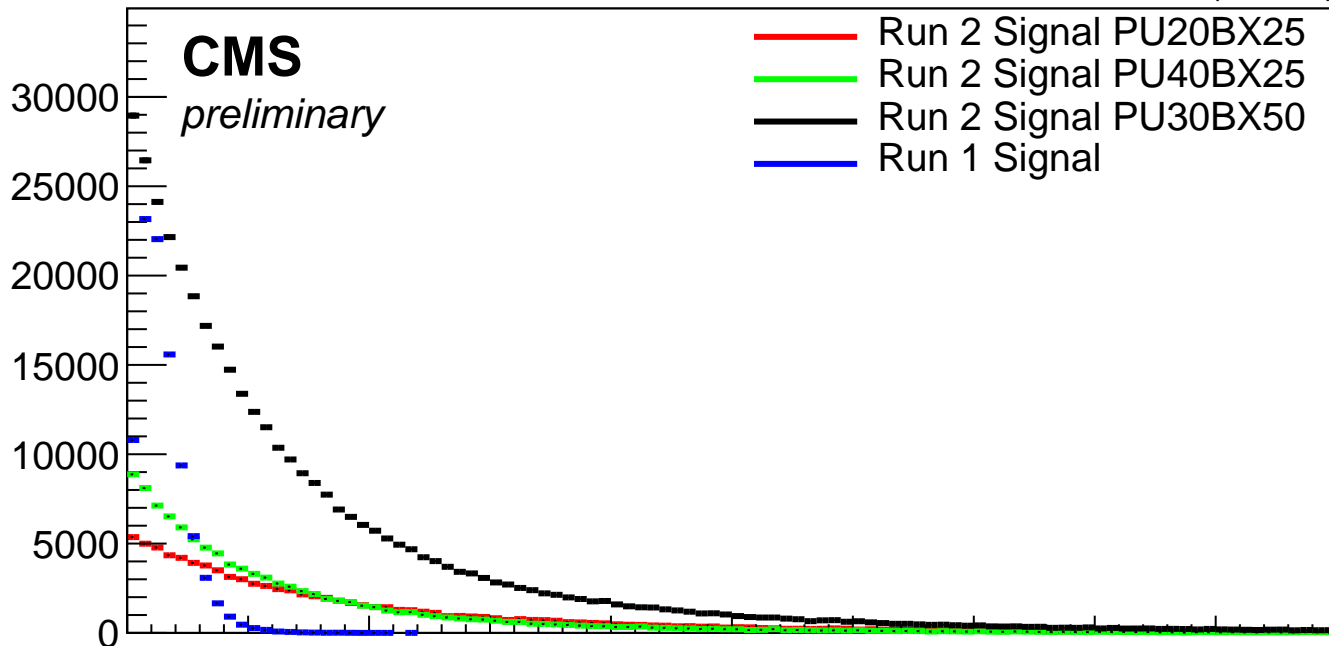


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal



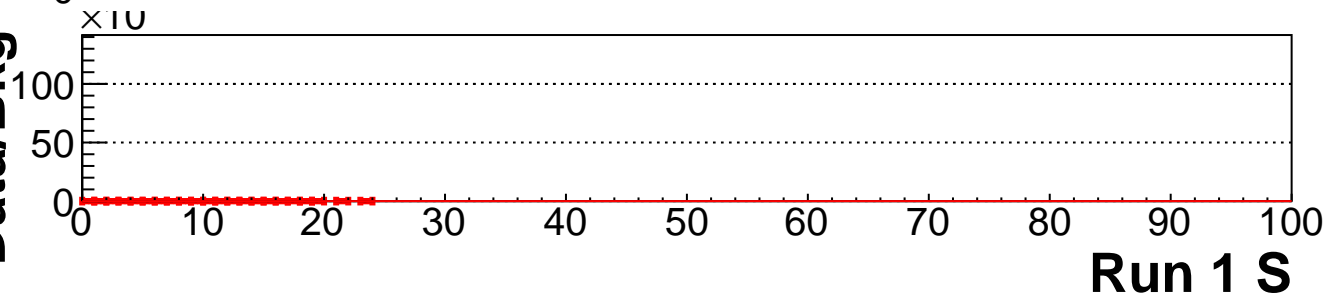
19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal

Data/Bkg

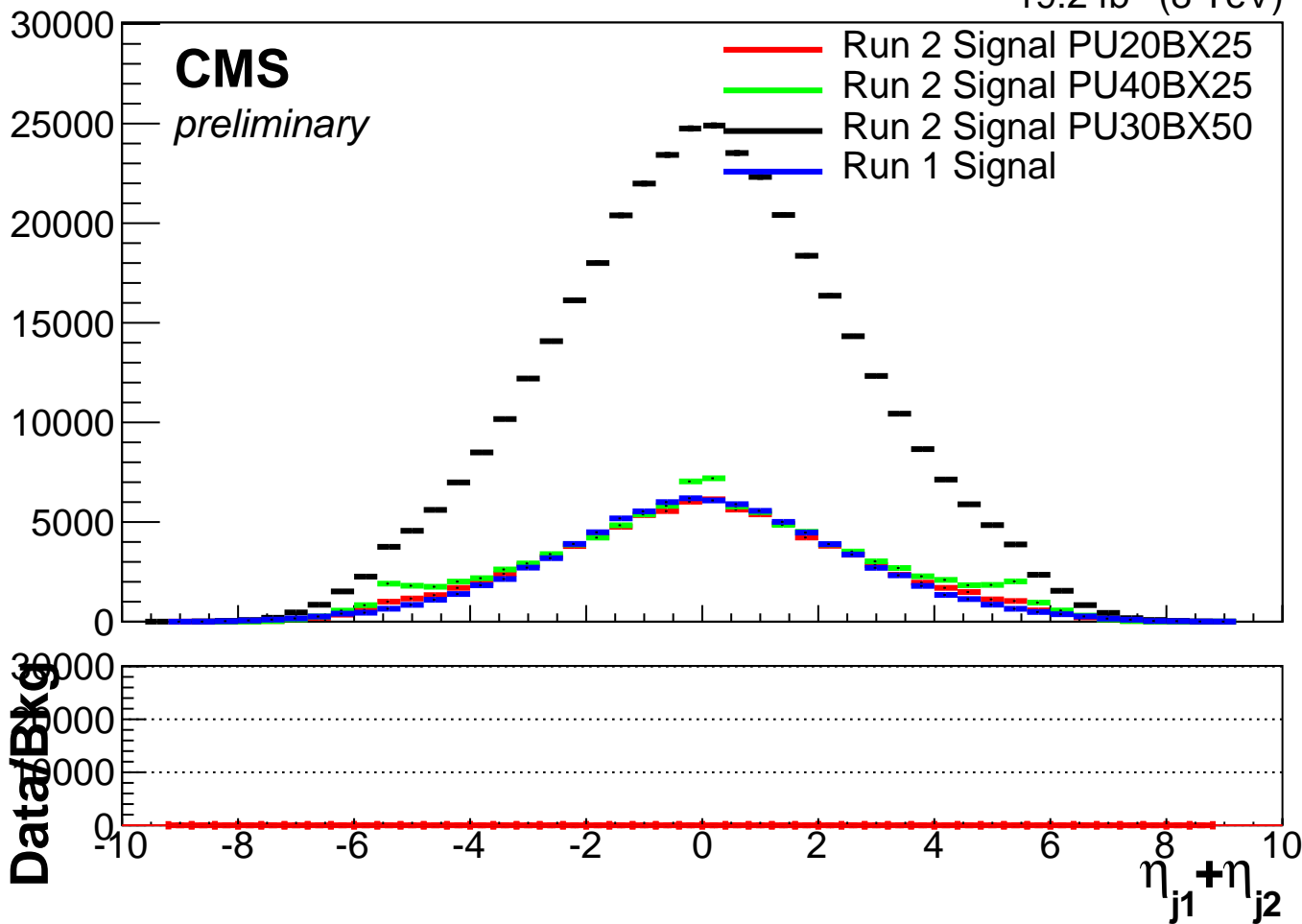


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal

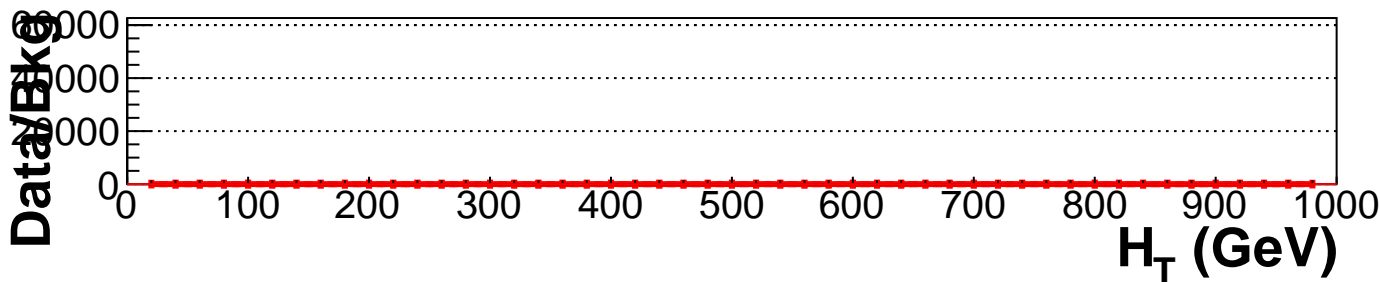
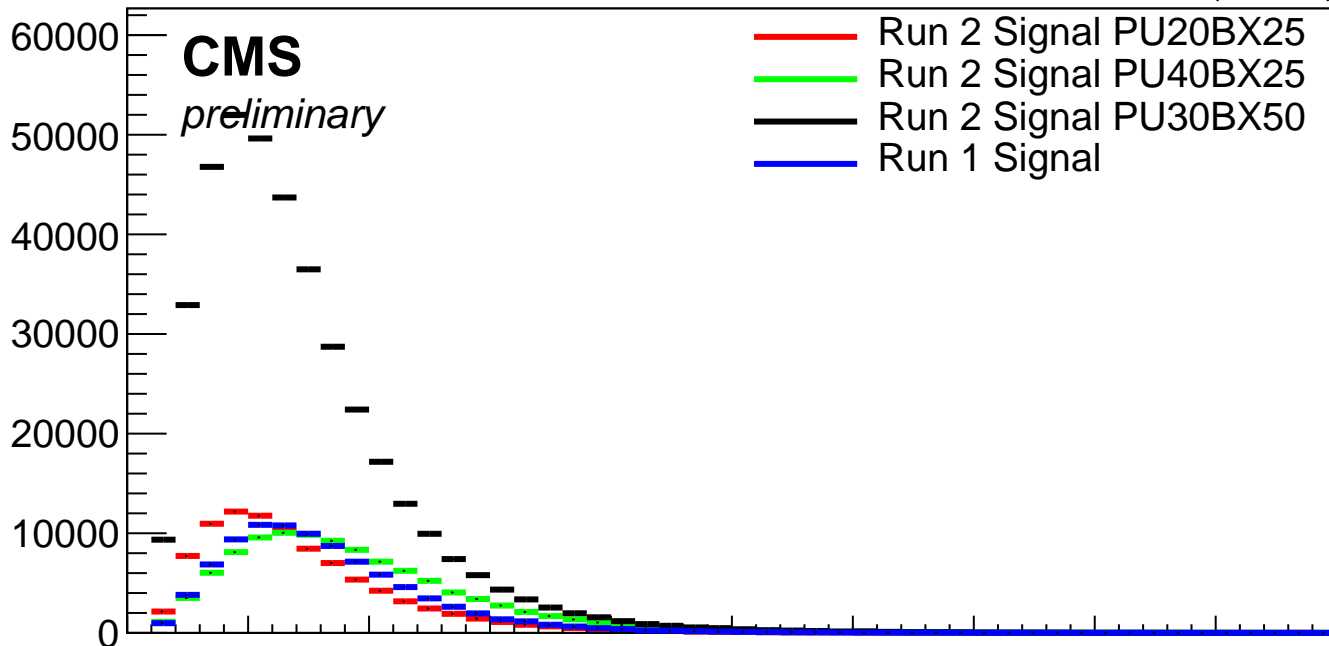


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal

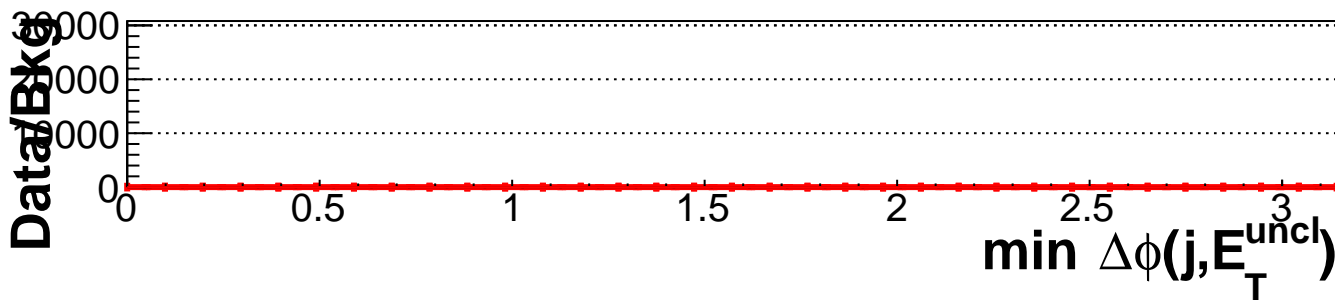
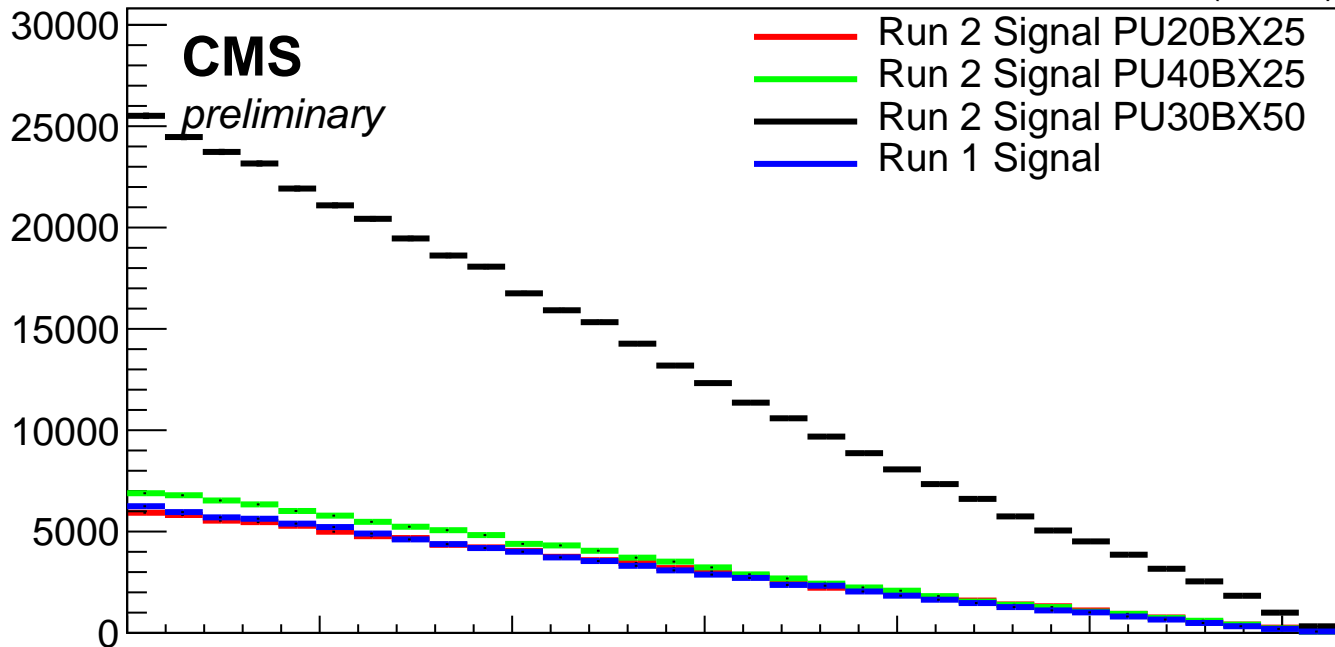


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal

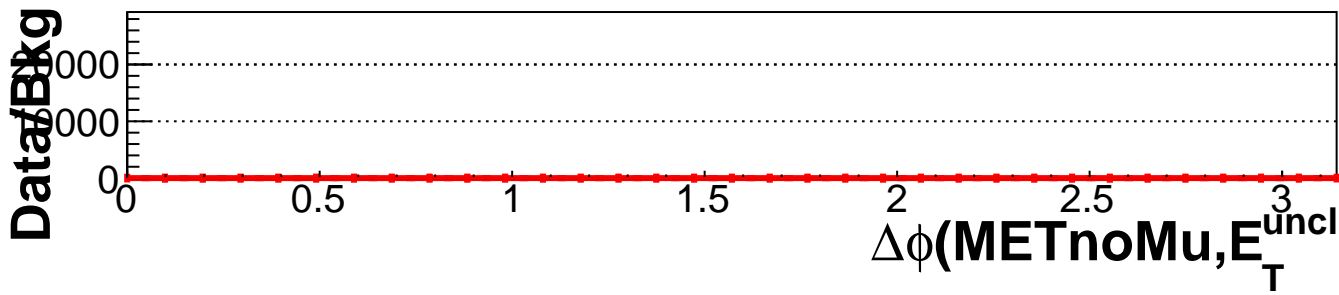
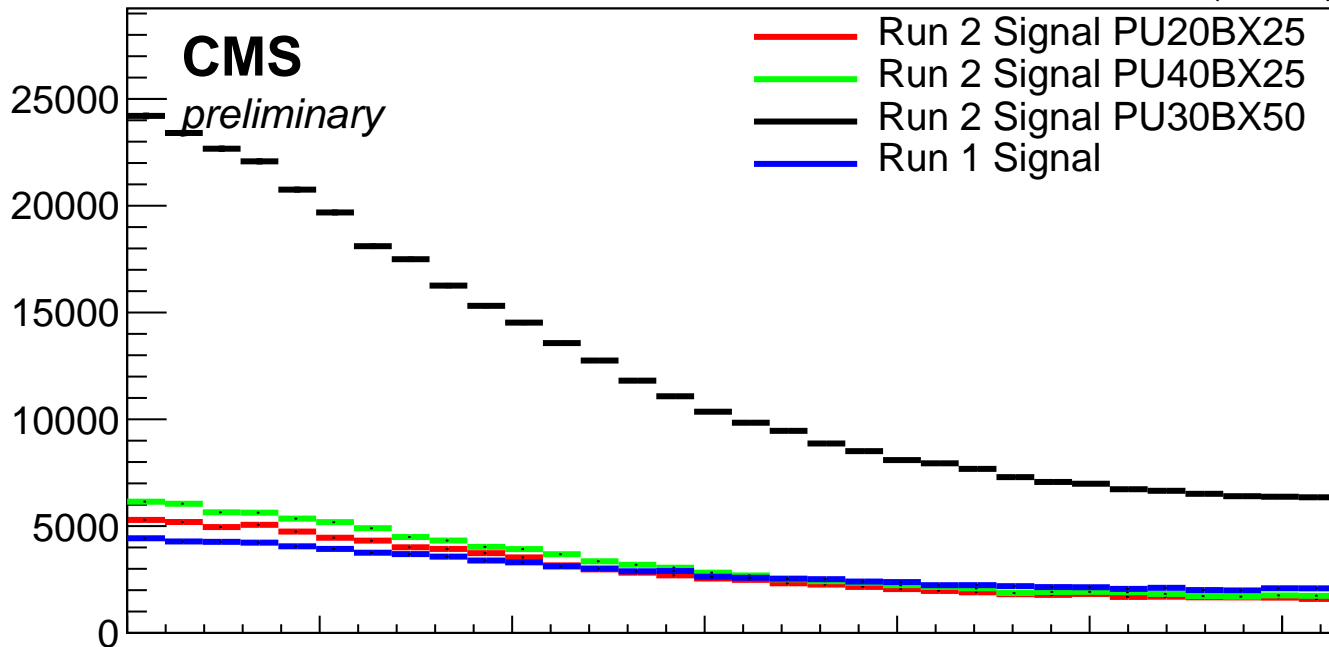


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal

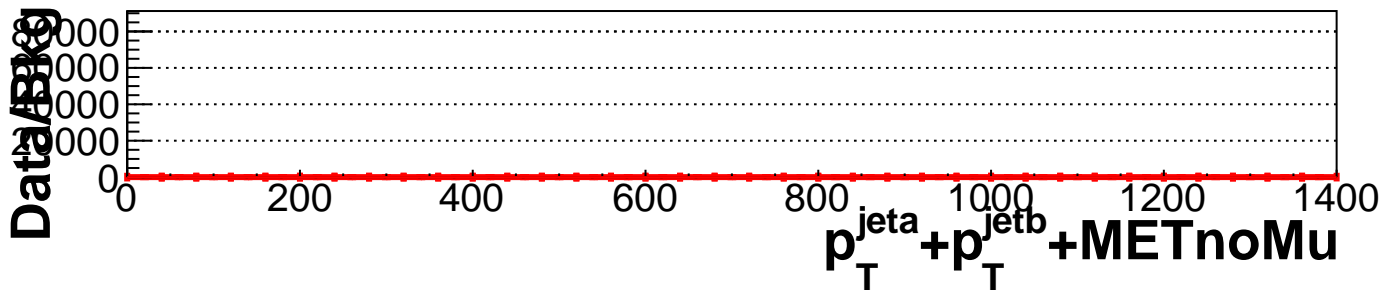
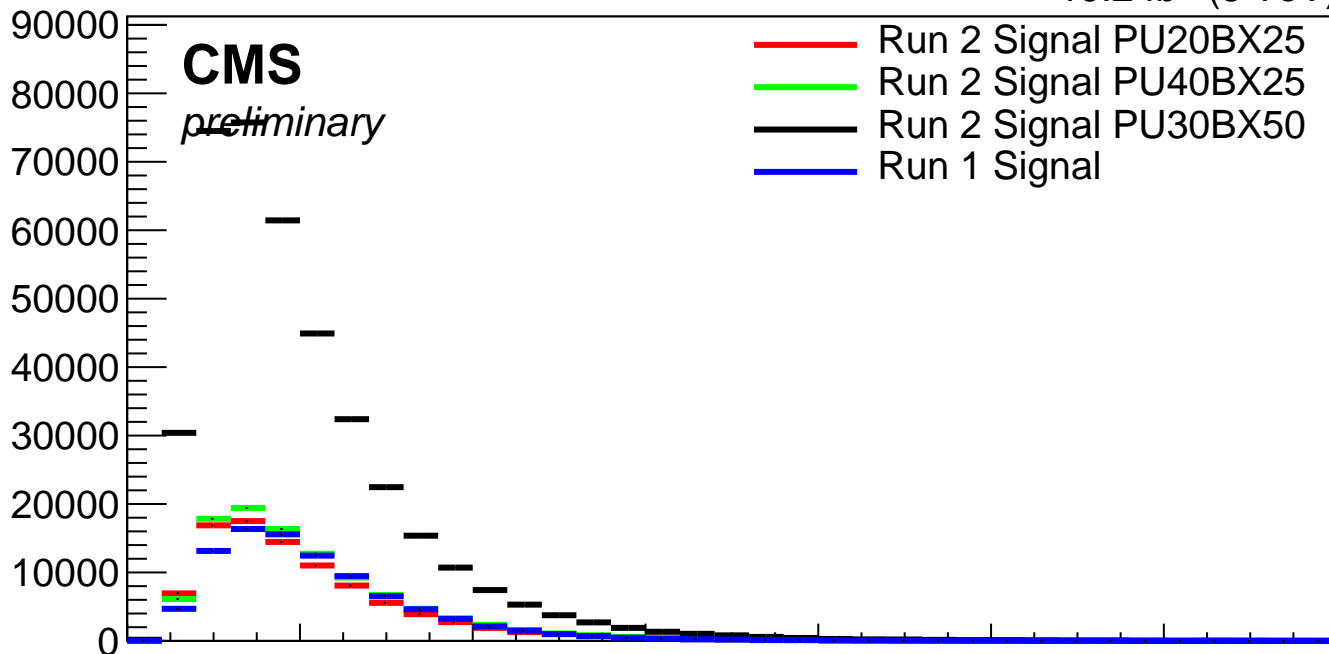


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal



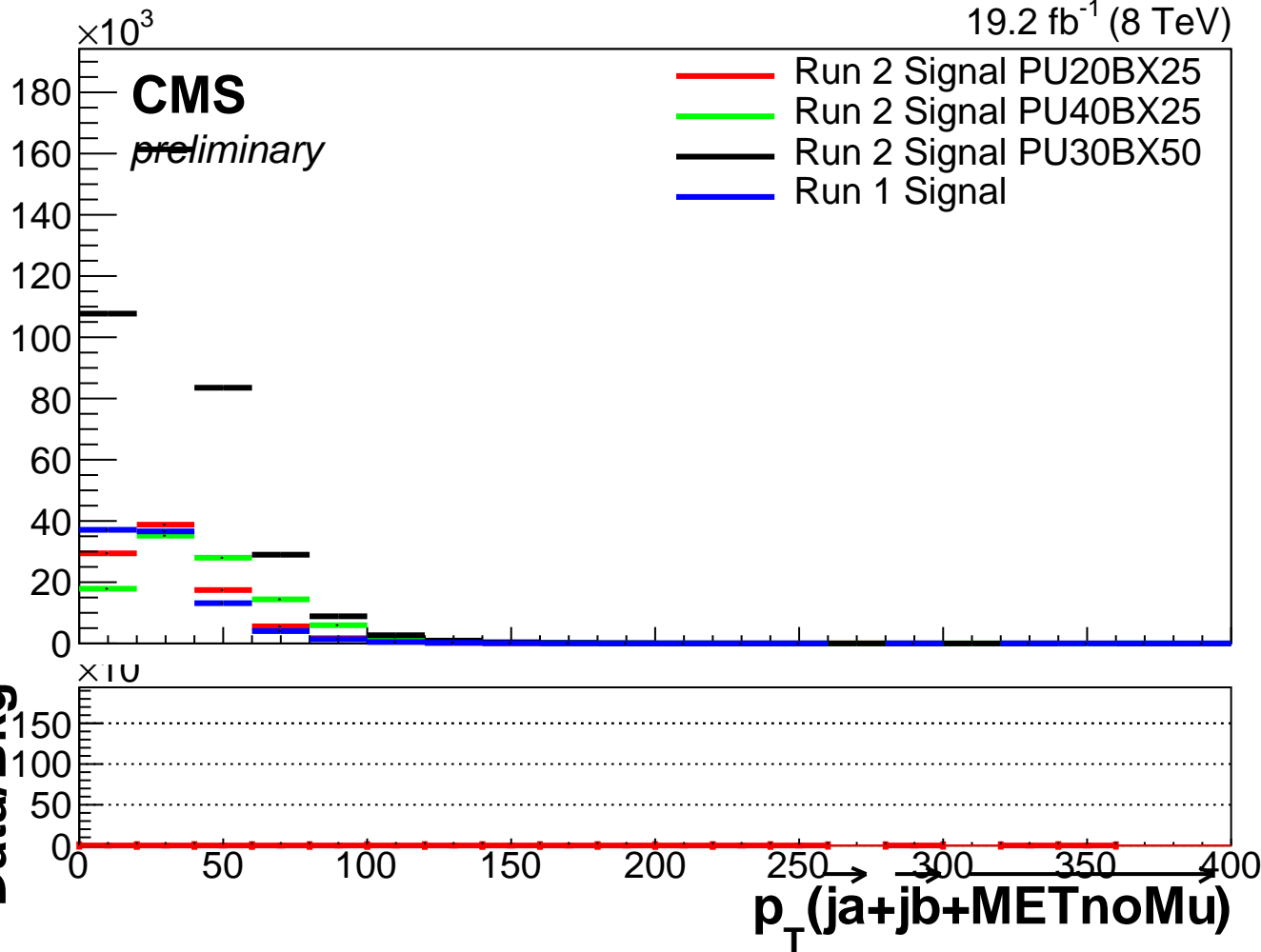
19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal

Data/Bkg

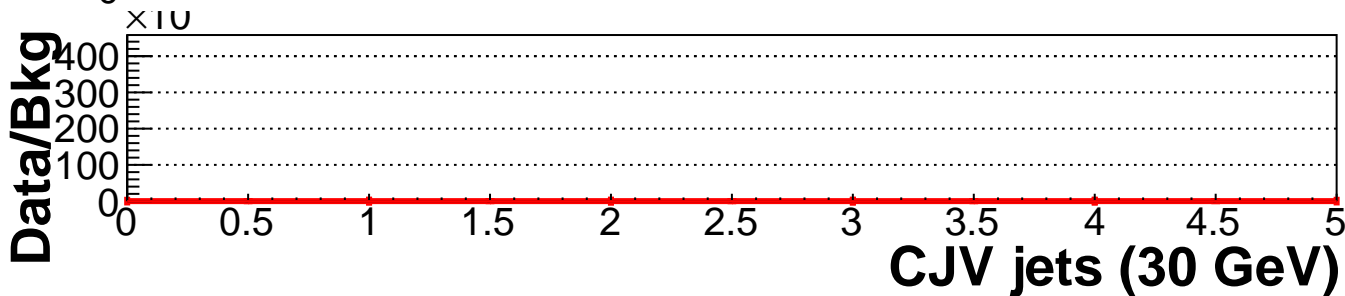


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal

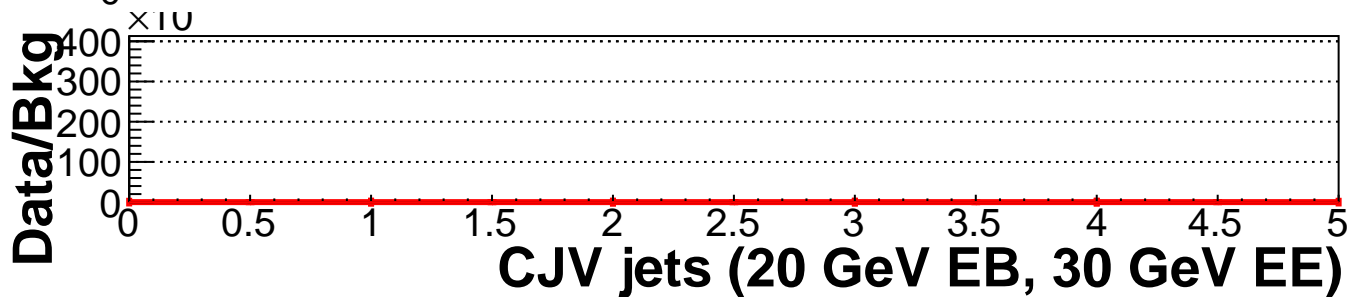


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal

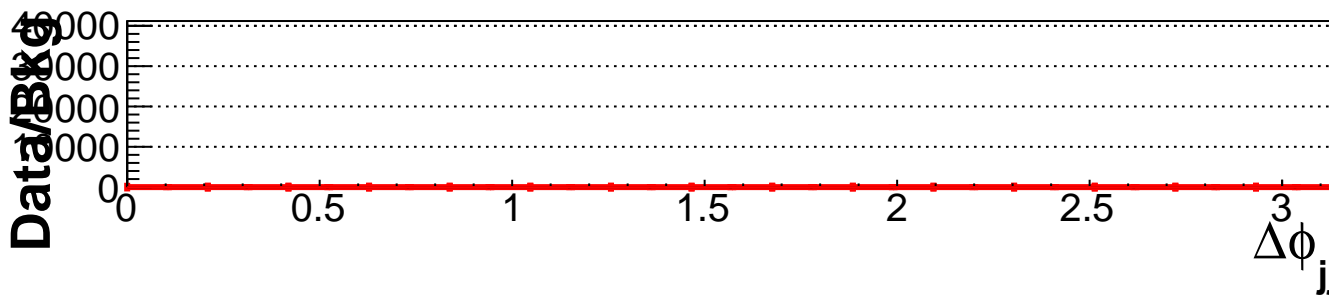
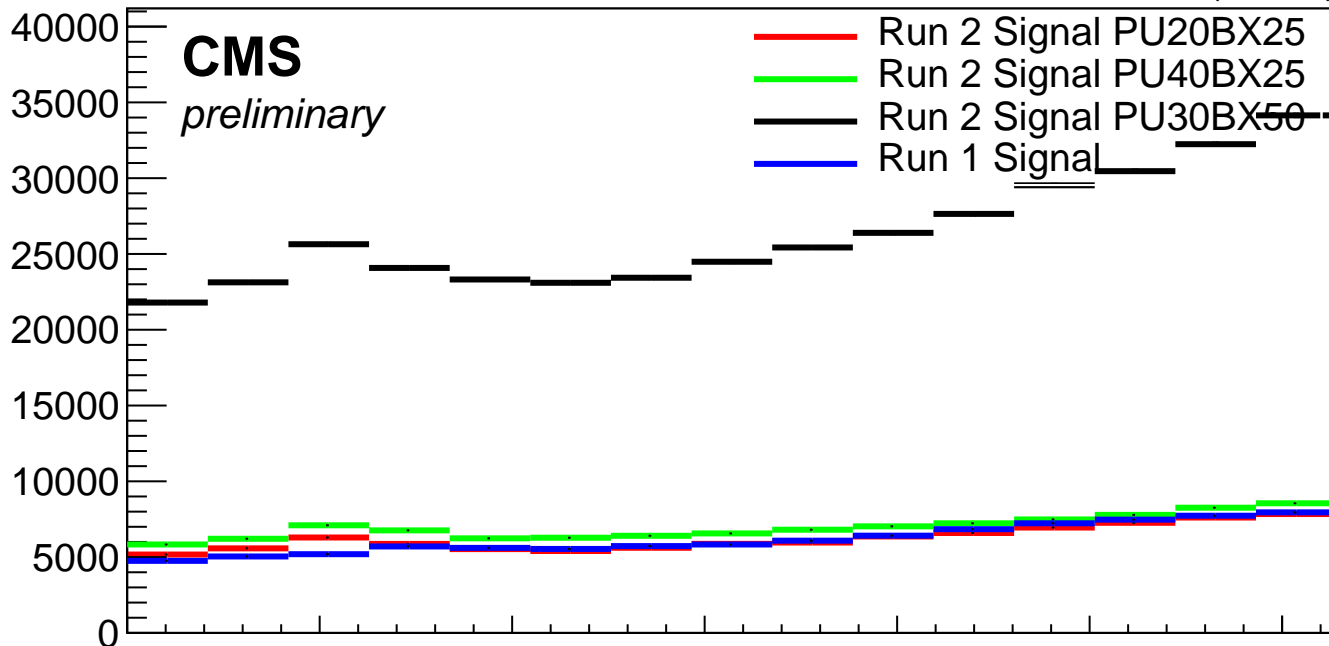


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal

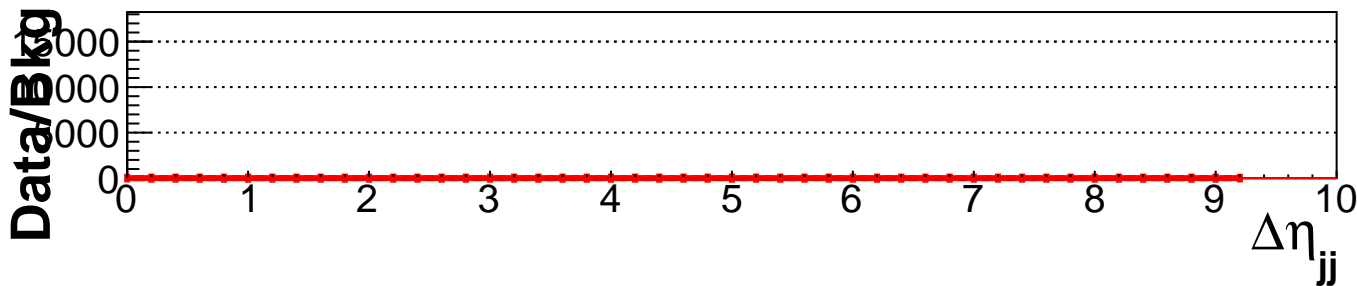
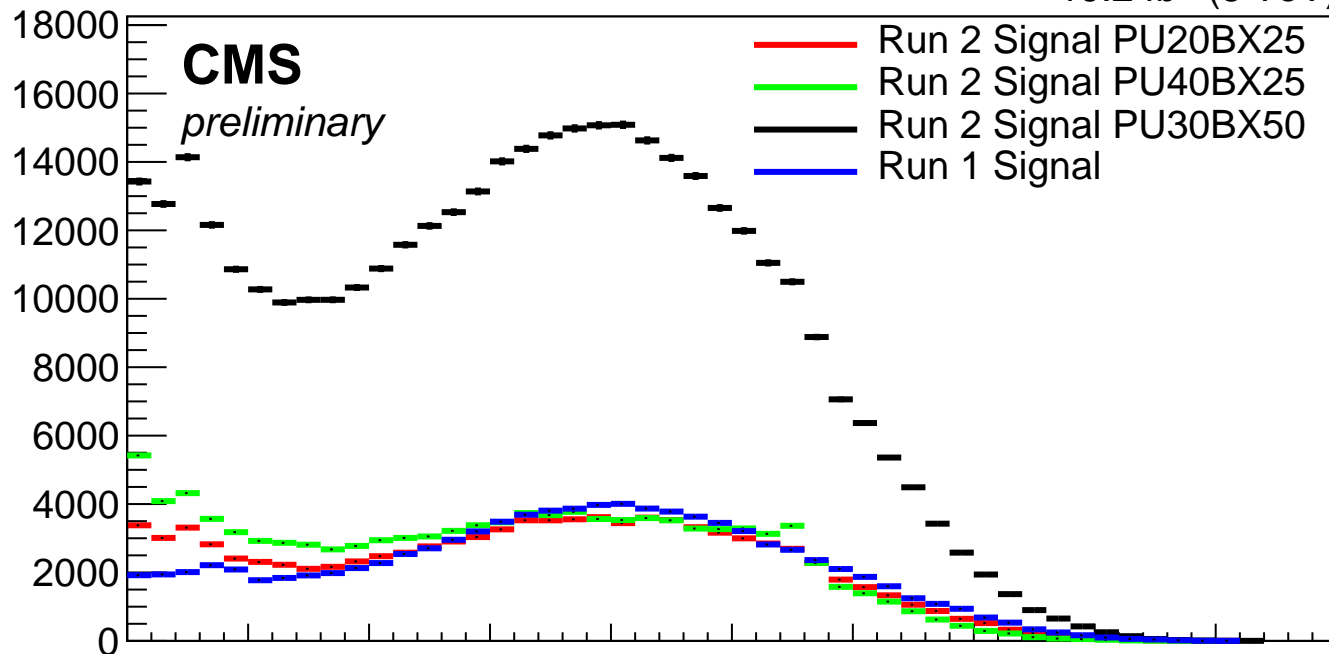


19.2 fb⁻¹ (8 TeV)

CMS

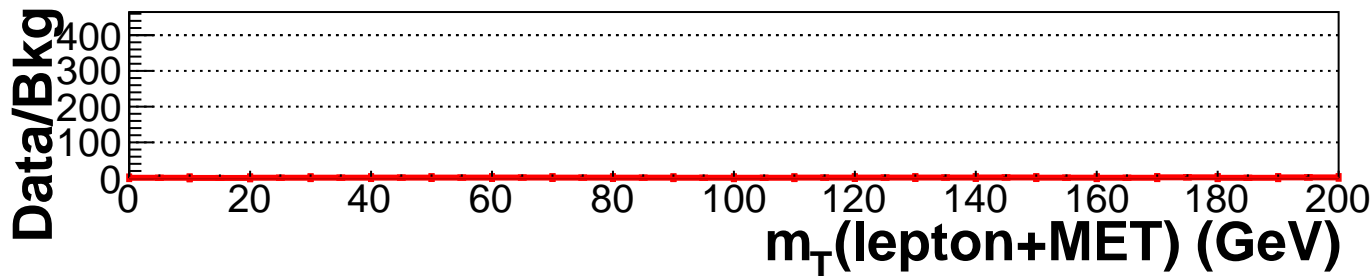
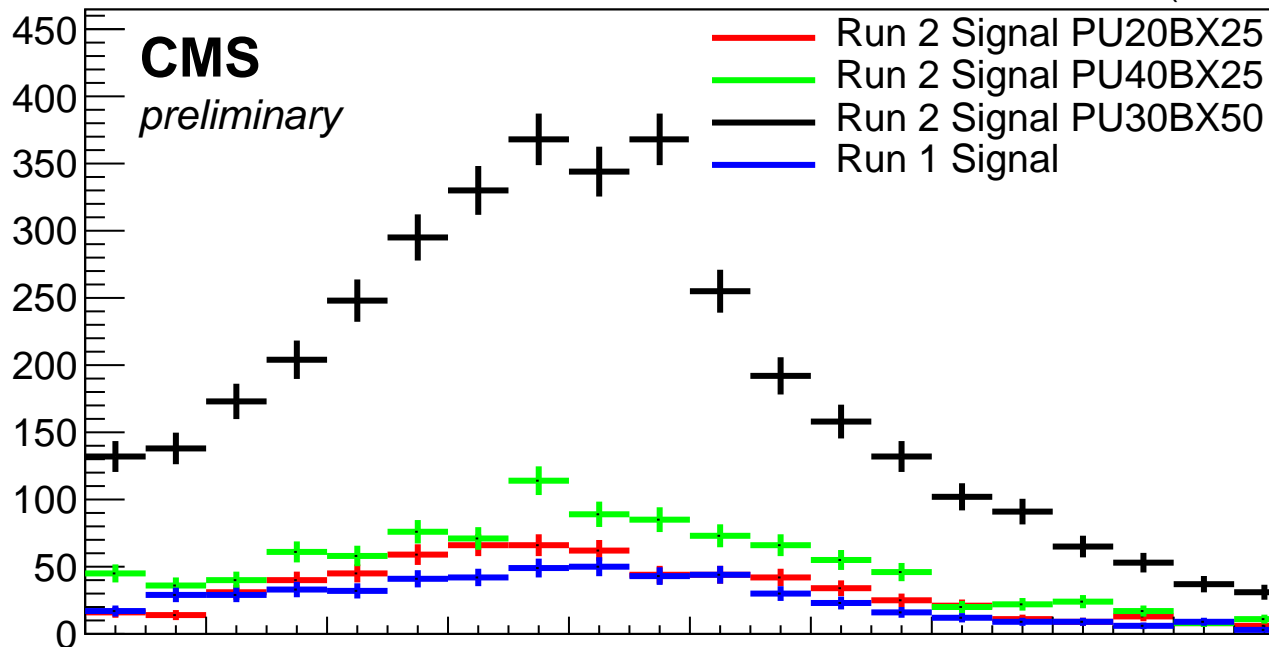
preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal



19.2 fb⁻¹ (8 TeV)

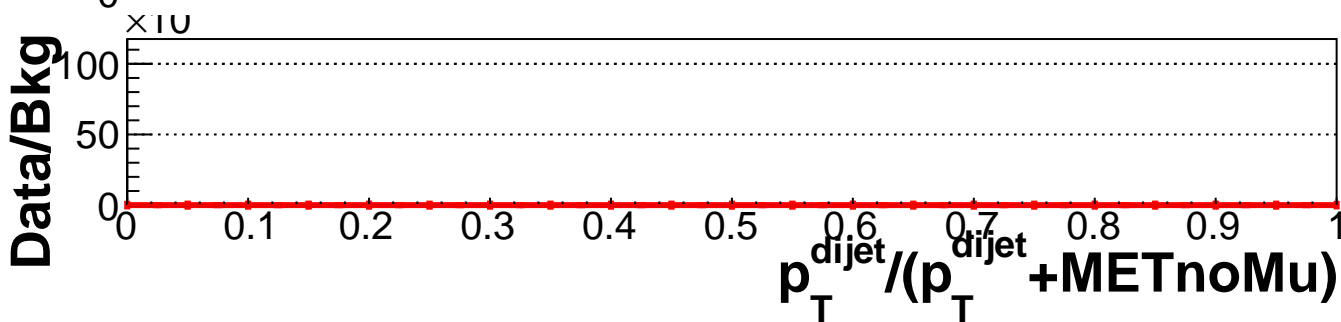
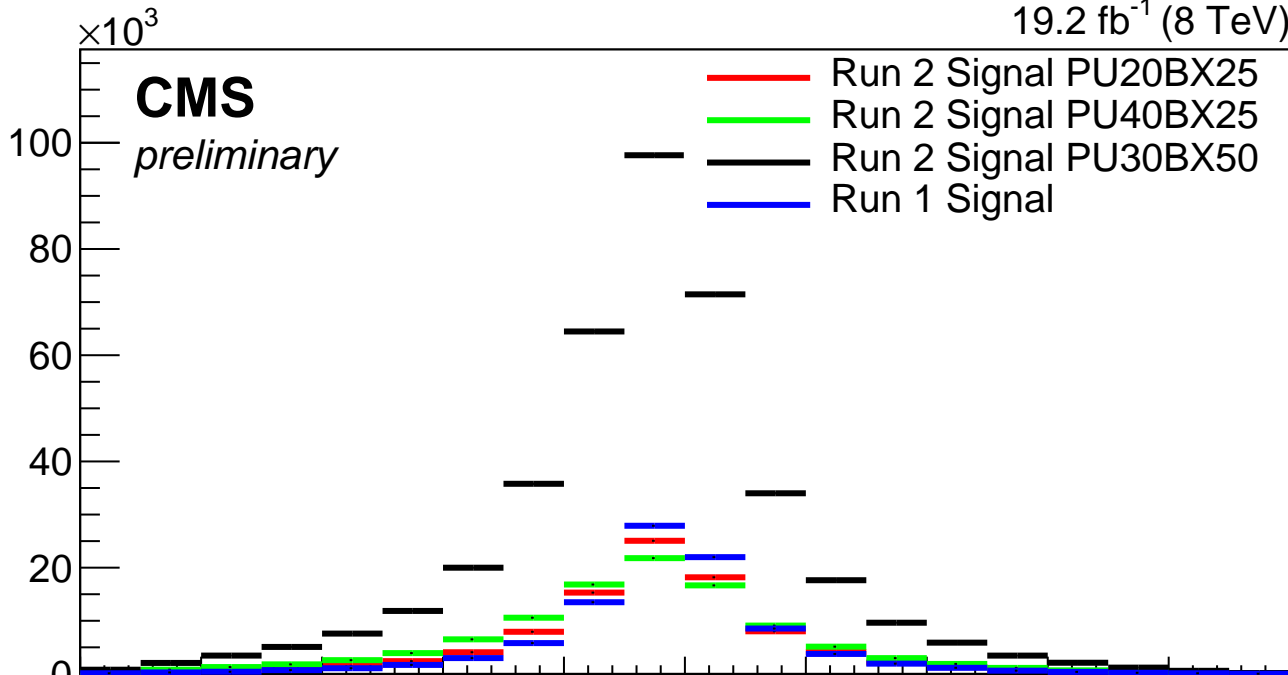
CMS
preliminary



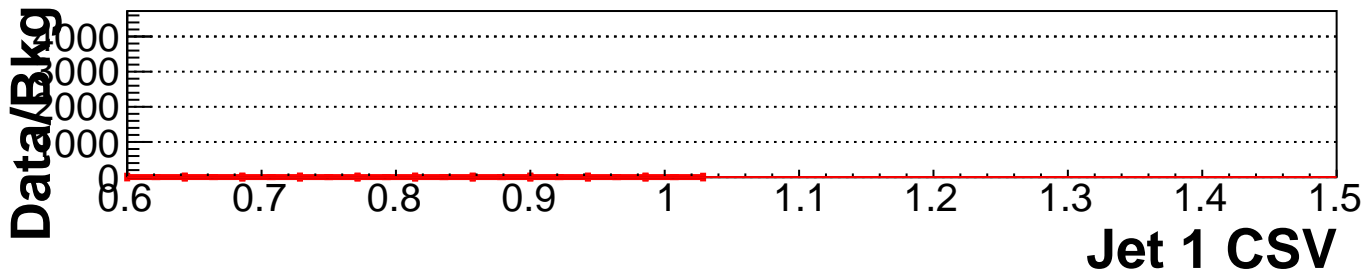
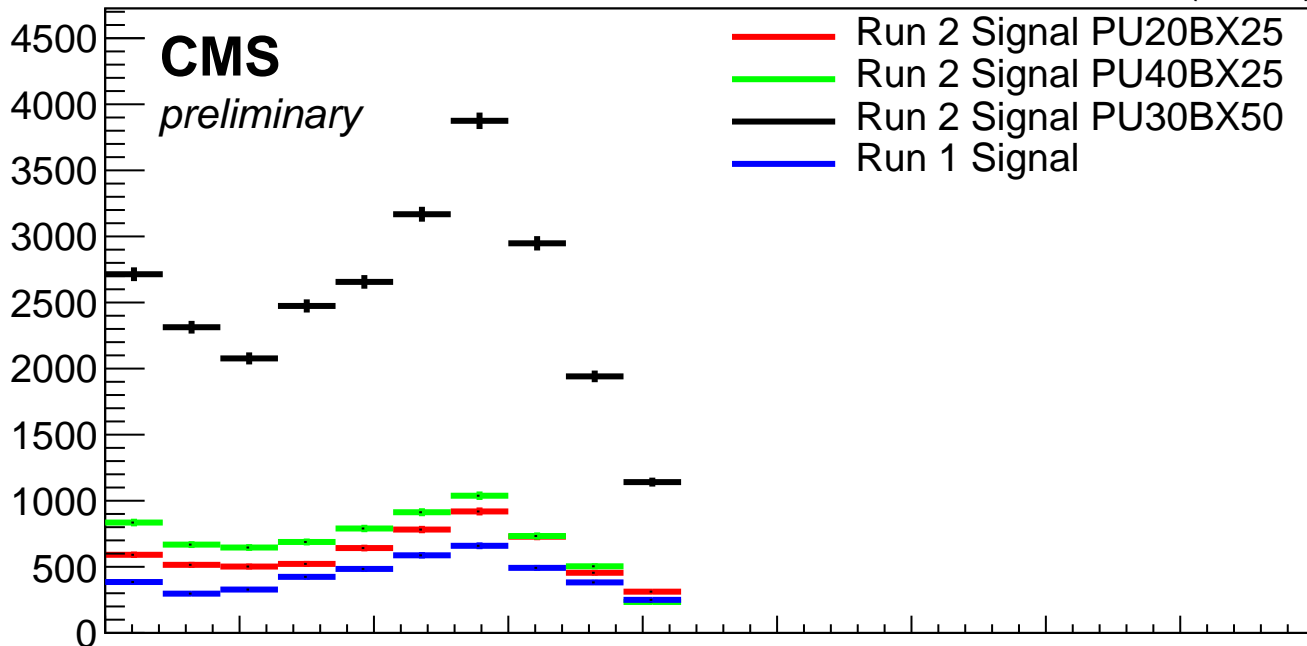
19.2 fb⁻¹ (8 TeV)

CMS

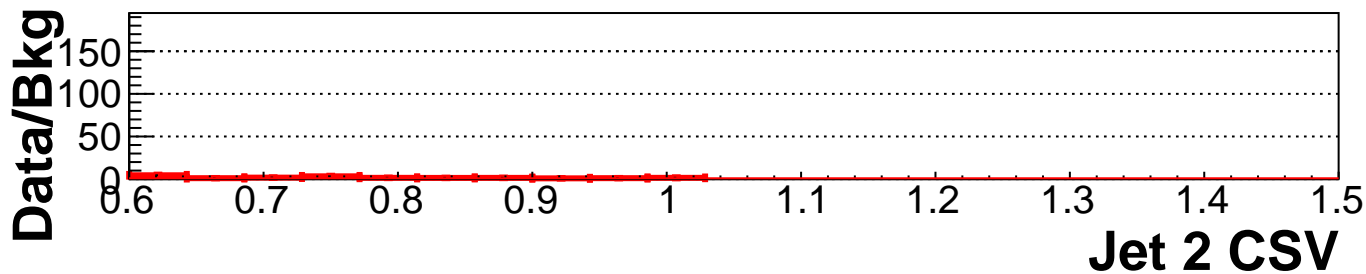
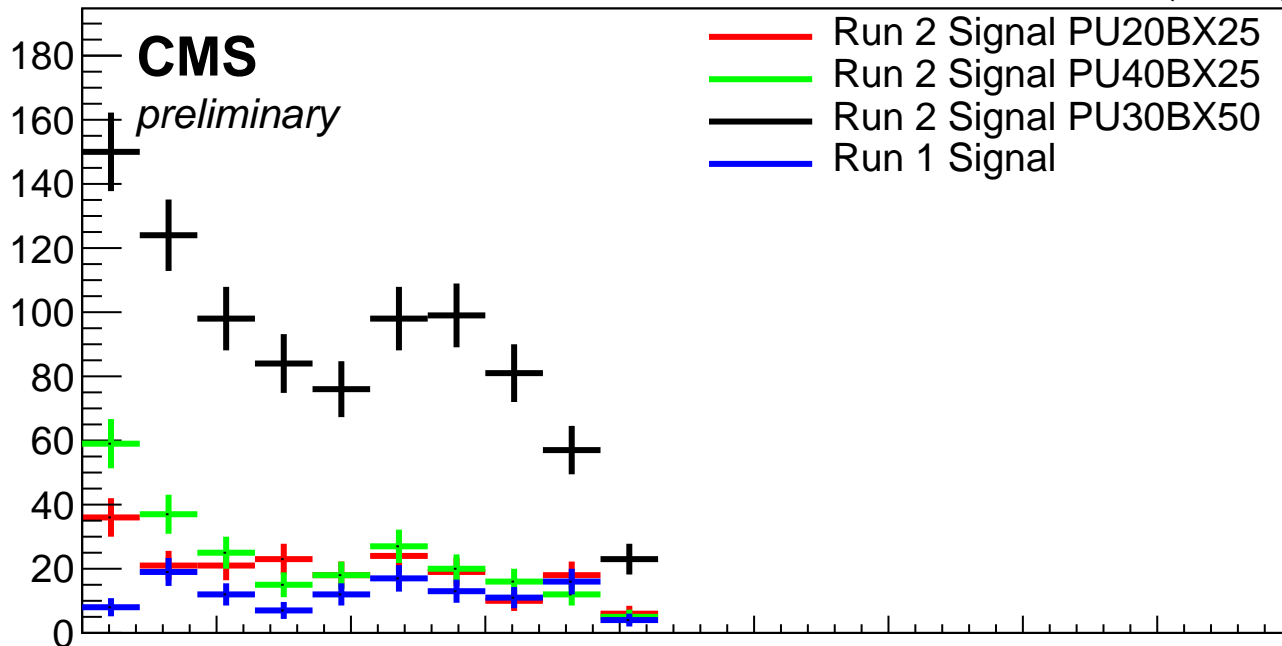
preliminary



19.2 fb⁻¹ (8 TeV)



19.2 fb⁻¹ (8 TeV)

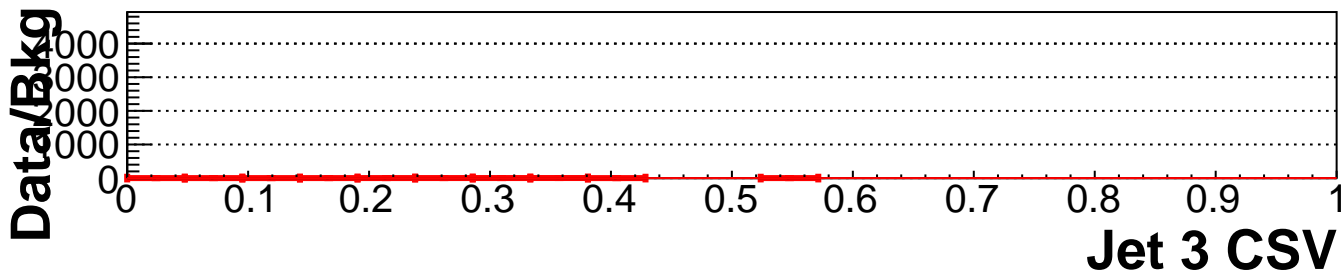


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal



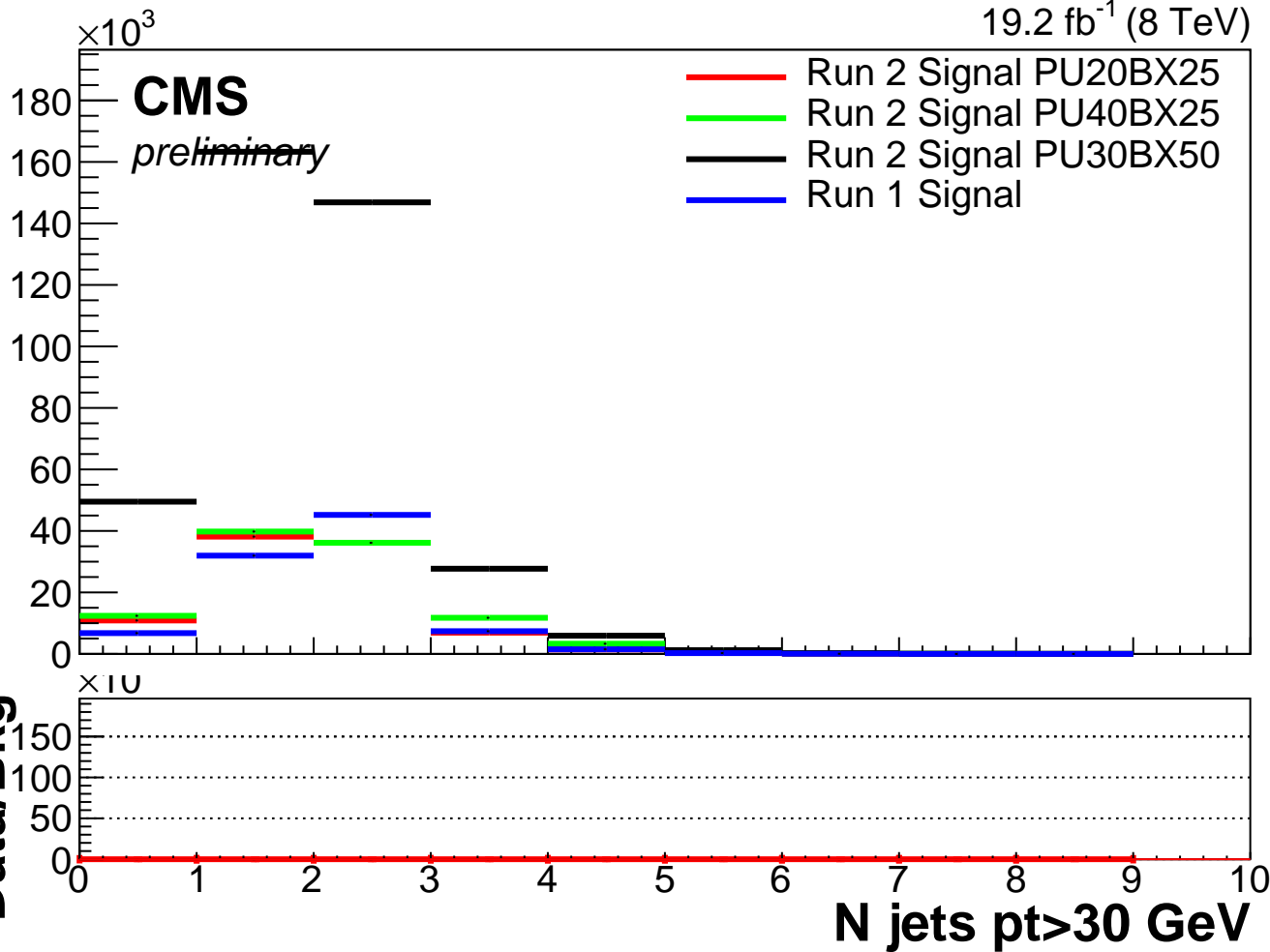
19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal

Data/Bkg



19.2 fb⁻¹ (8 TeV)

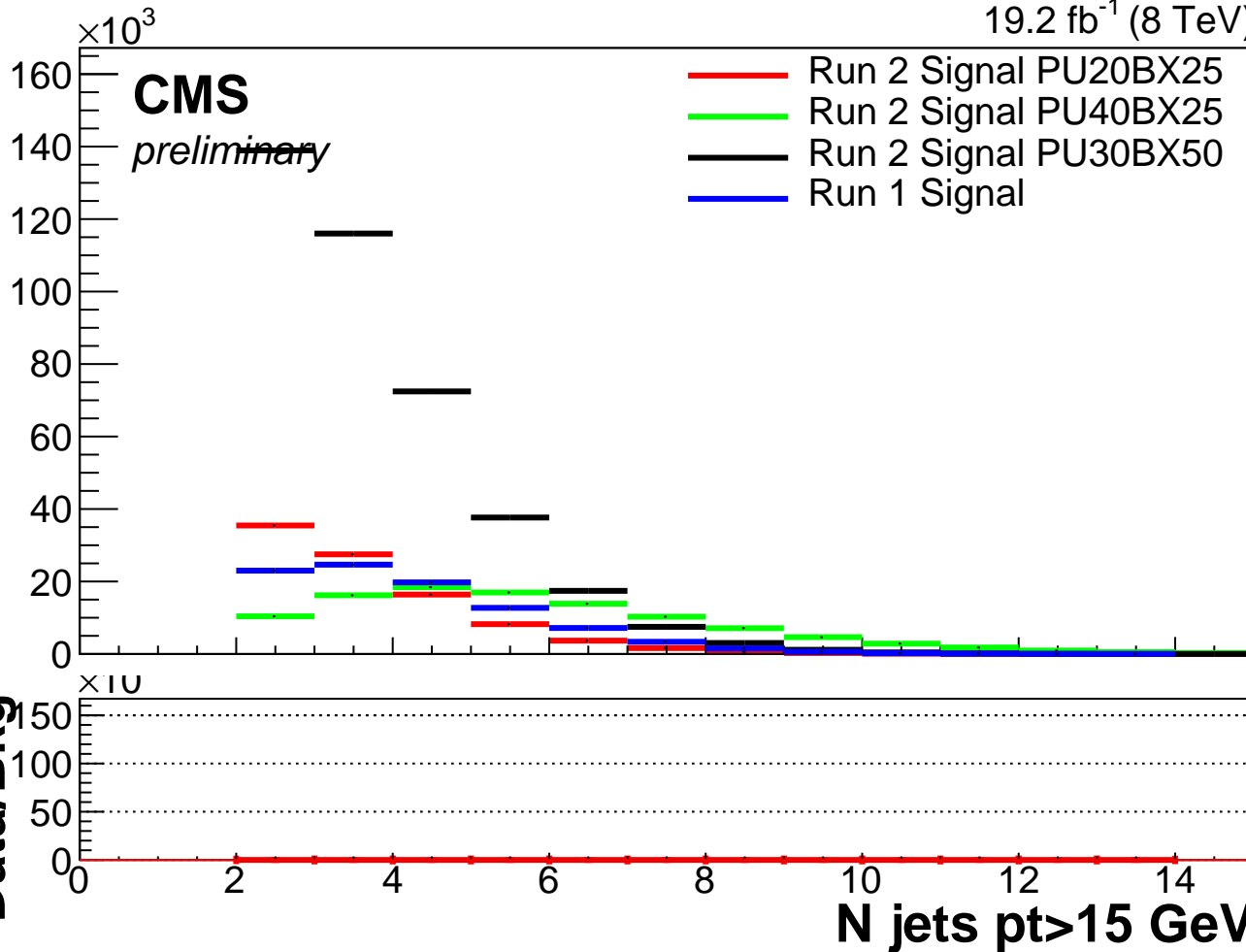
CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal

Data/Bkg

N jets pt>15 GeV

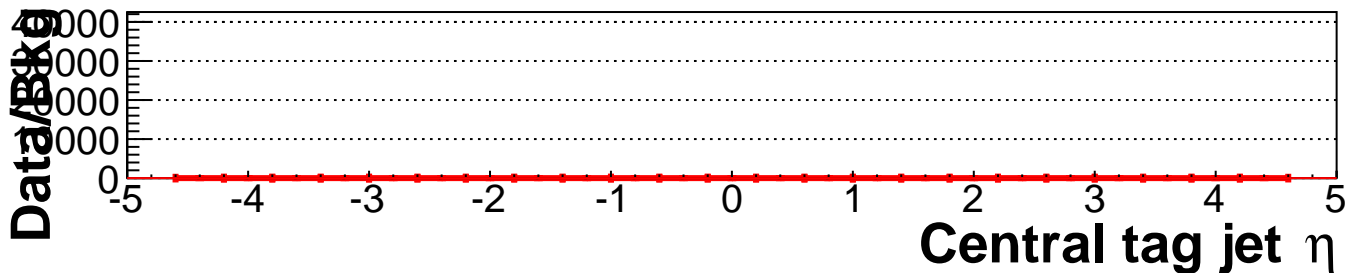
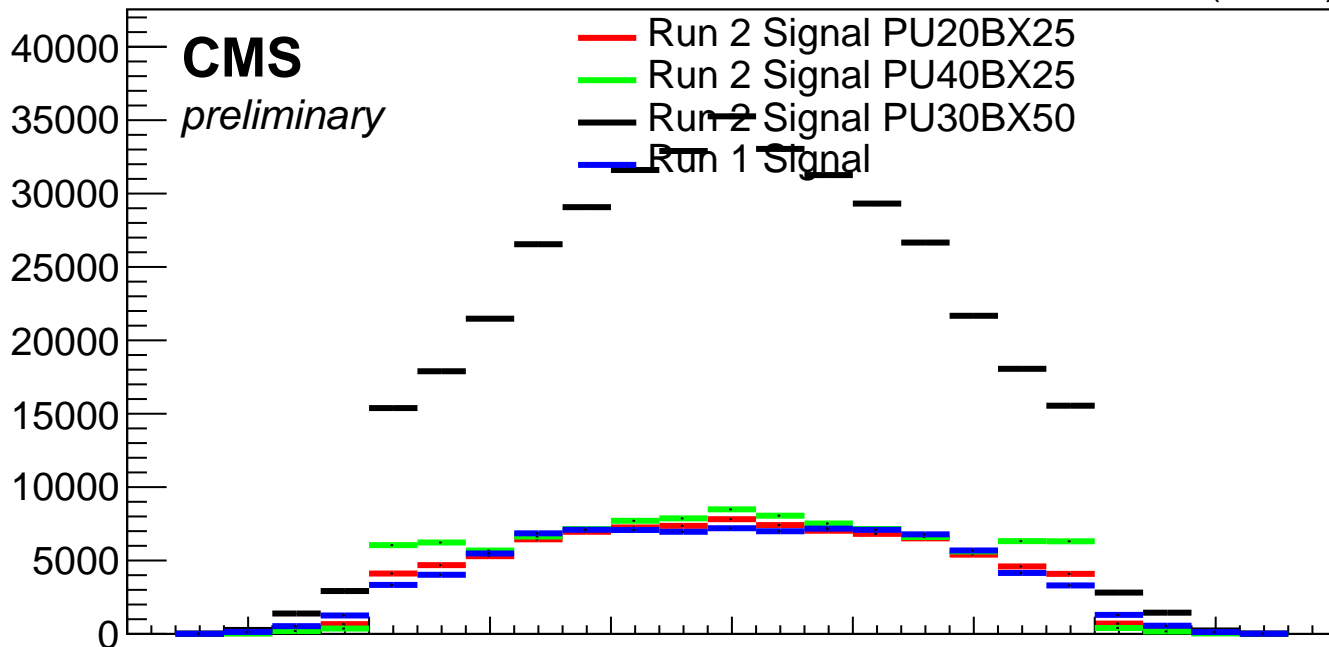


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

— Run 2 Signal PU20BX25
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— Run 2 Signal PU30BX50
— Run 1 Signal

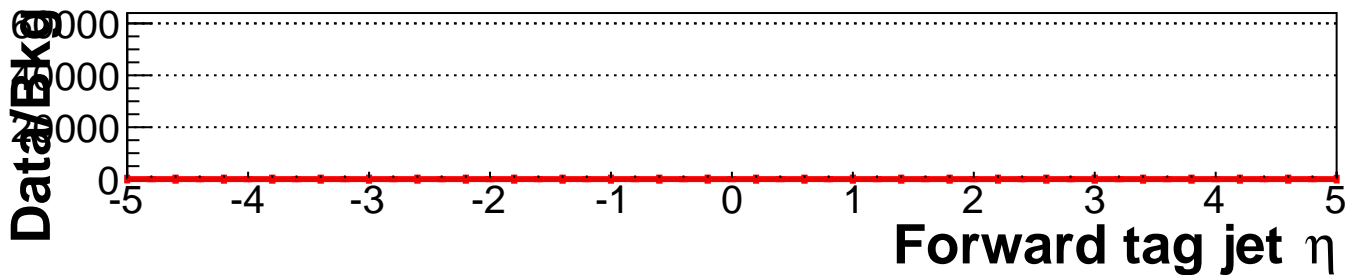
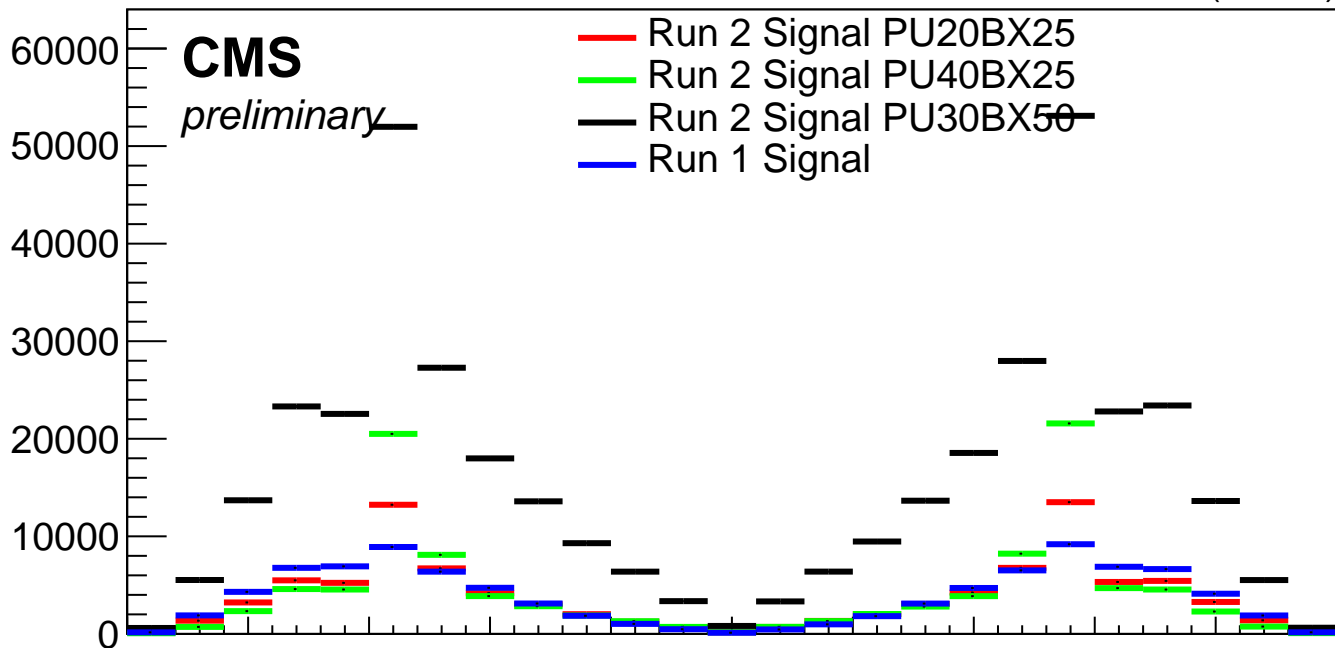


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
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- Run 2 Signal PU30BX50
- Run 1 Signal

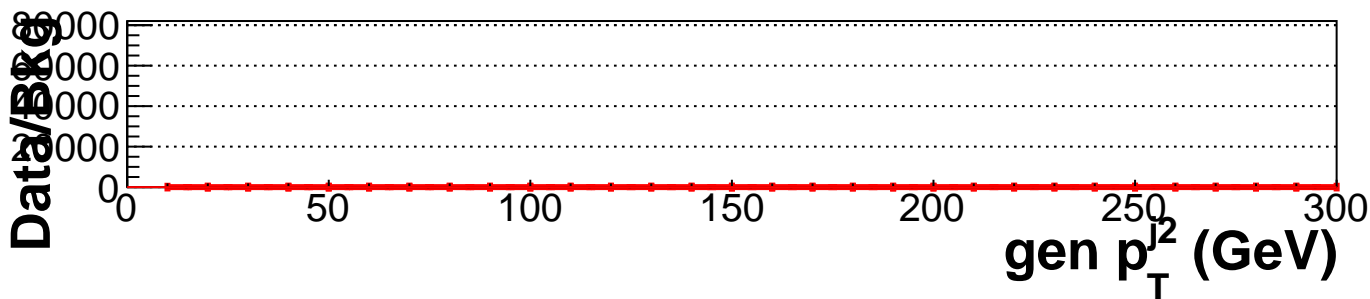
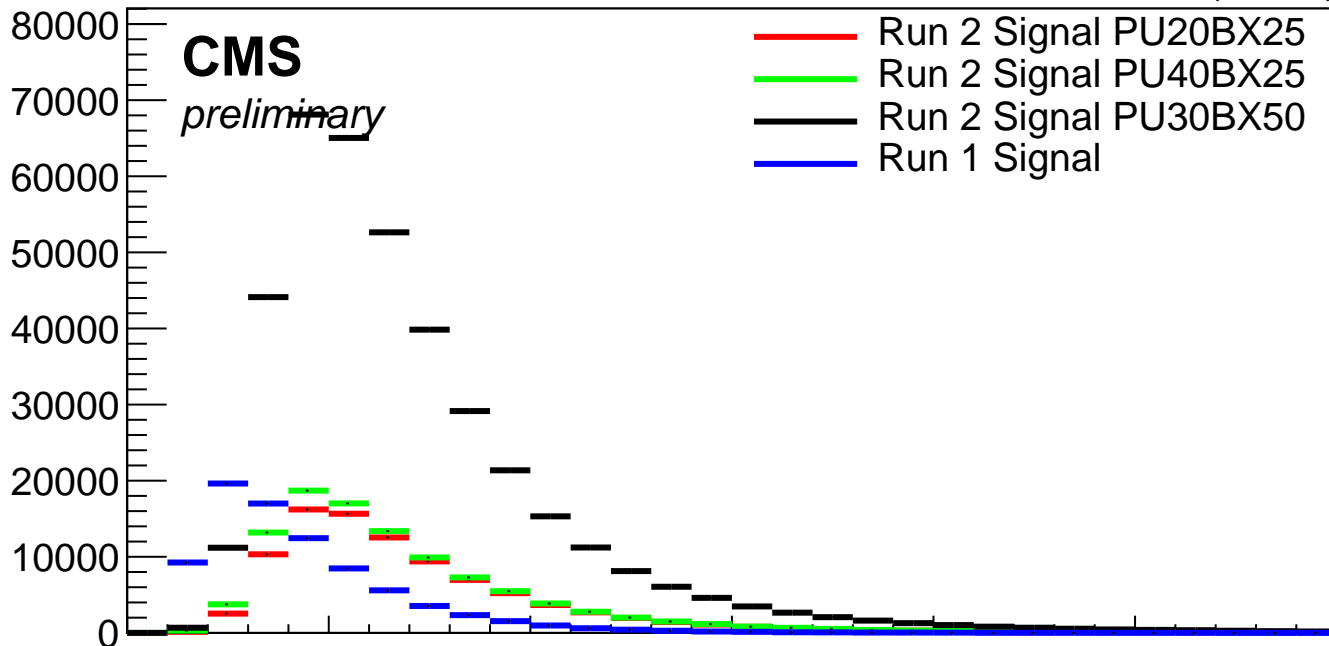


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal

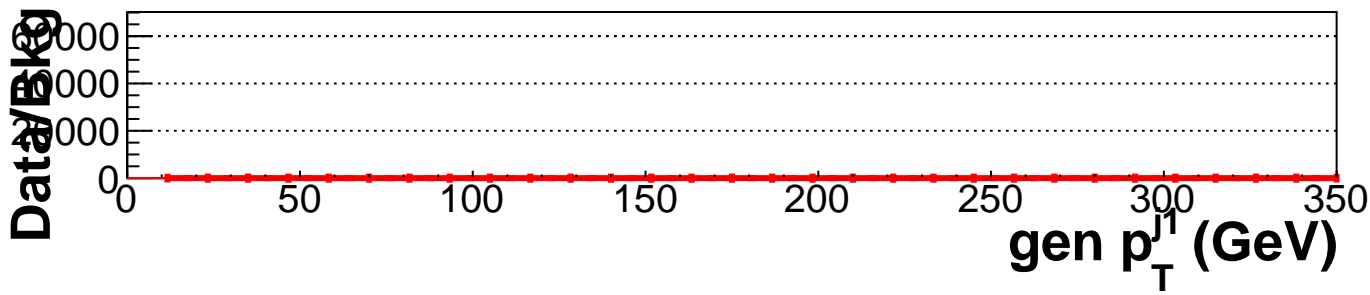
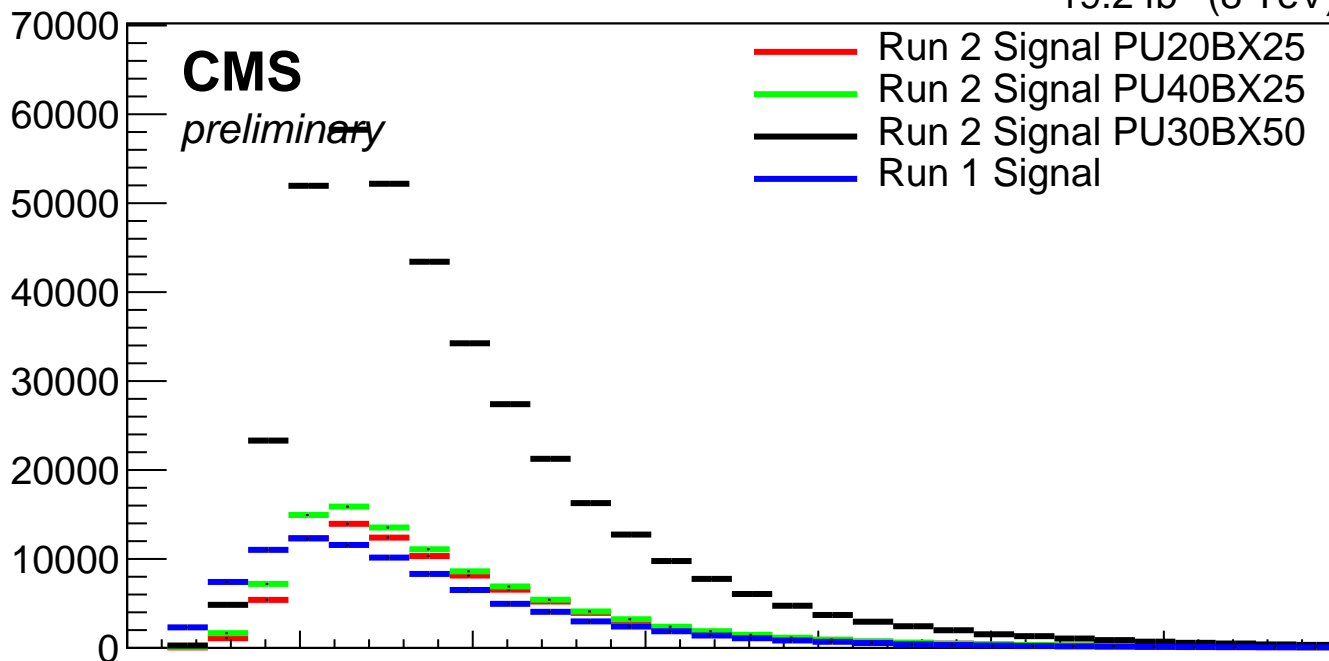


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

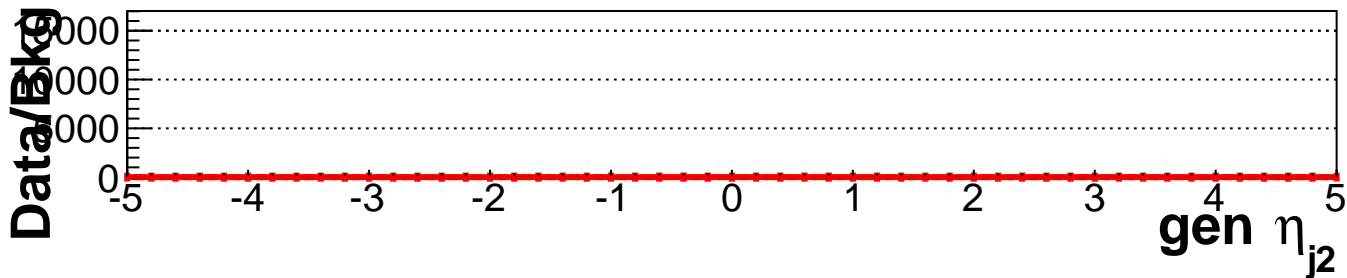
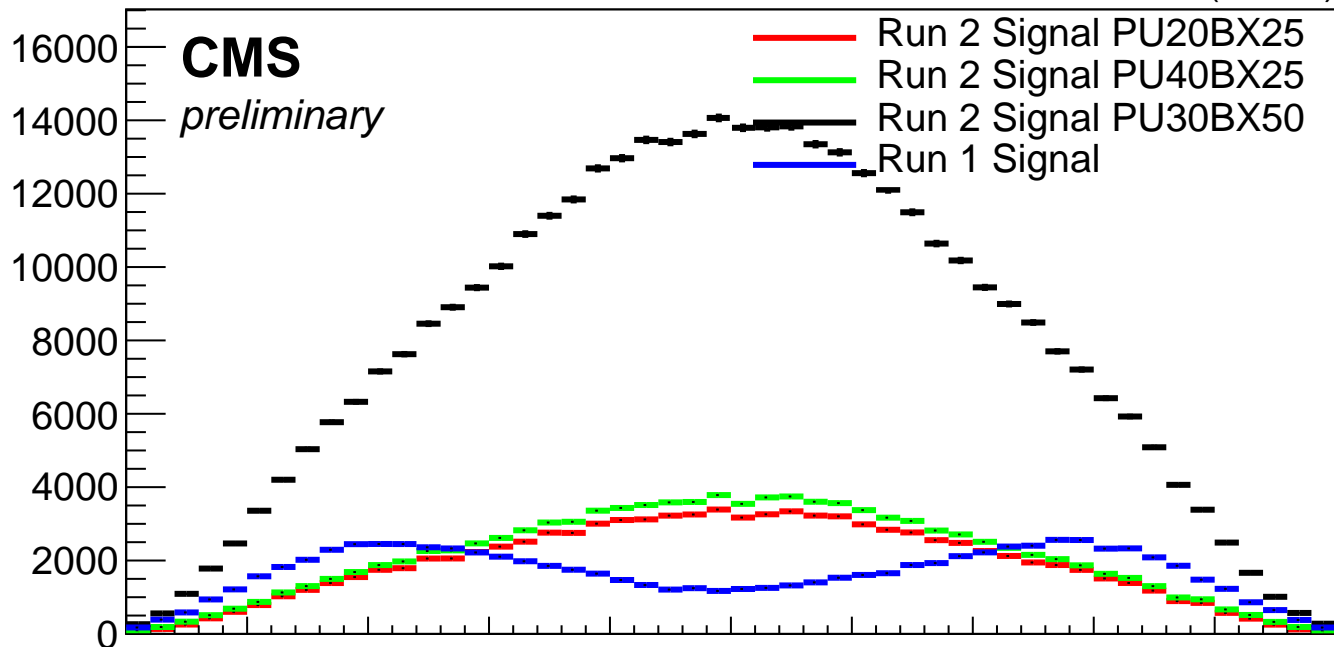
- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal



19.2 fb⁻¹ (8 TeV)

CMS

preliminary

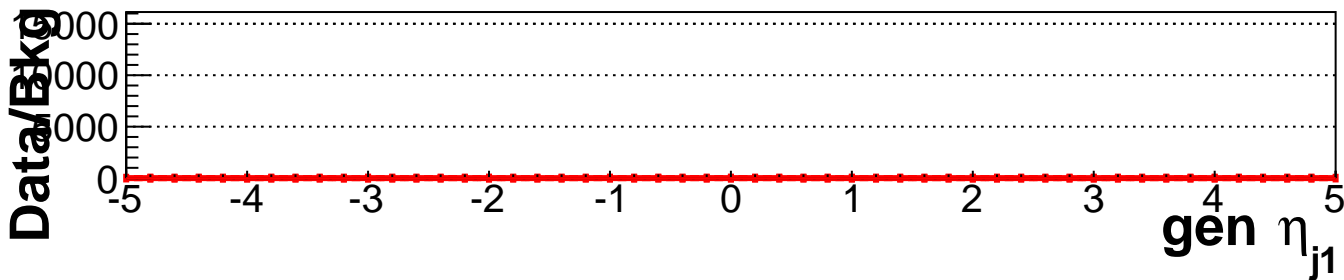
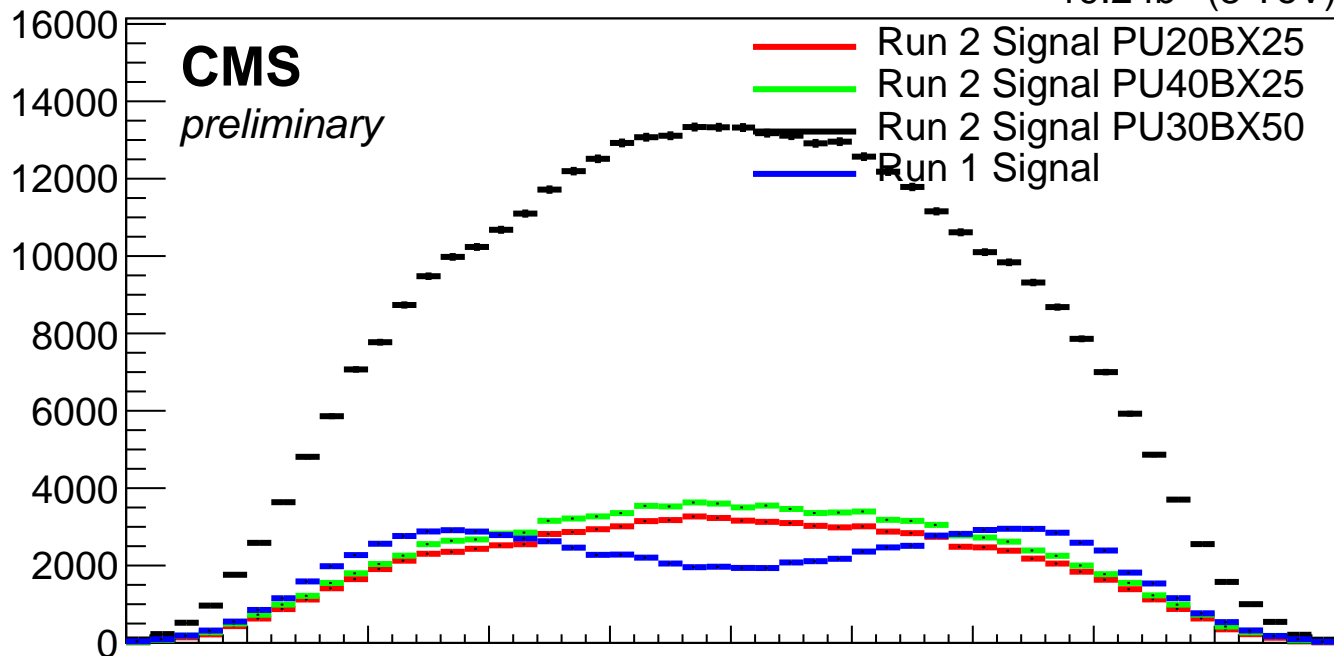


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

Run 2 Signal PU20BX25
Run 2 Signal PU40BX25
Run 2 Signal PU30BX50
Run 1 Signal

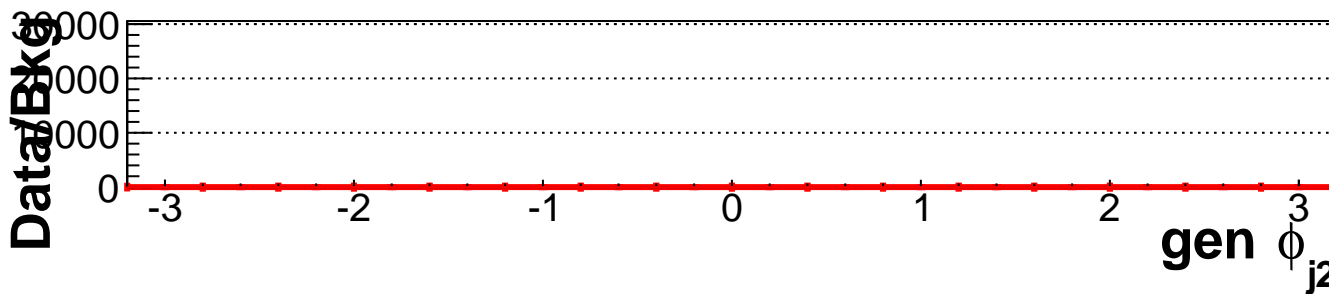
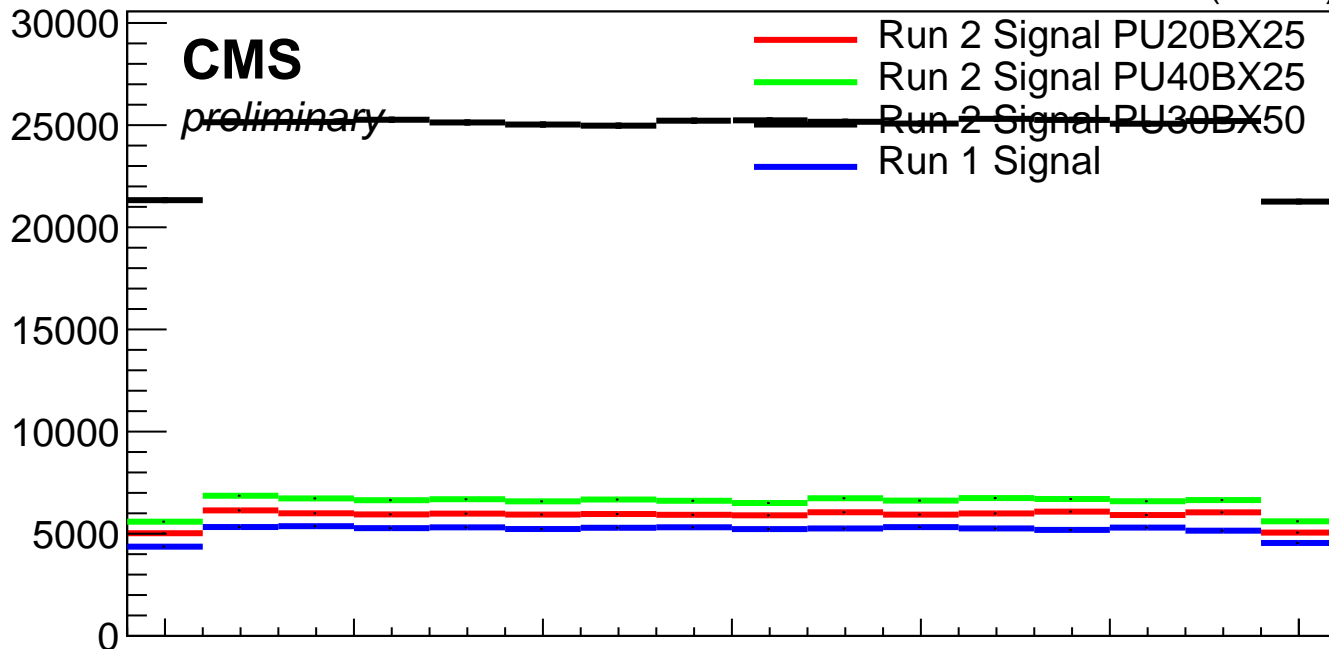


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

Run 2 Signal PU20BX25
Run 2 Signal PU40BX25
Run 2 Signal PU30BX50
Run 1 Signal

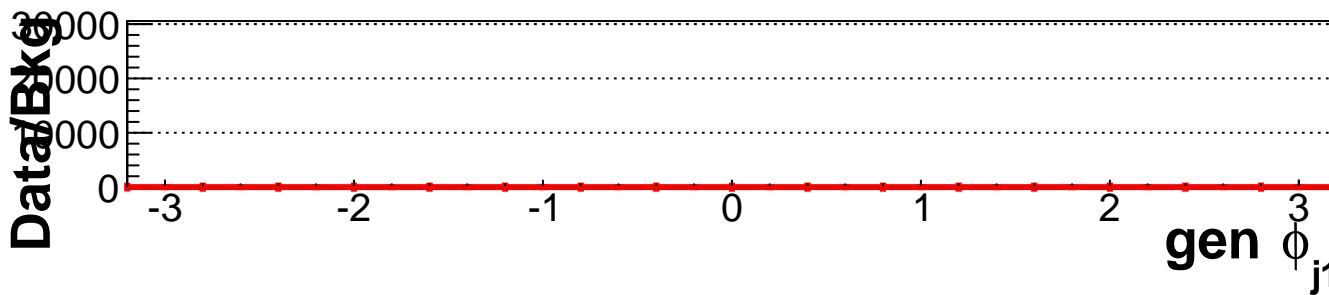
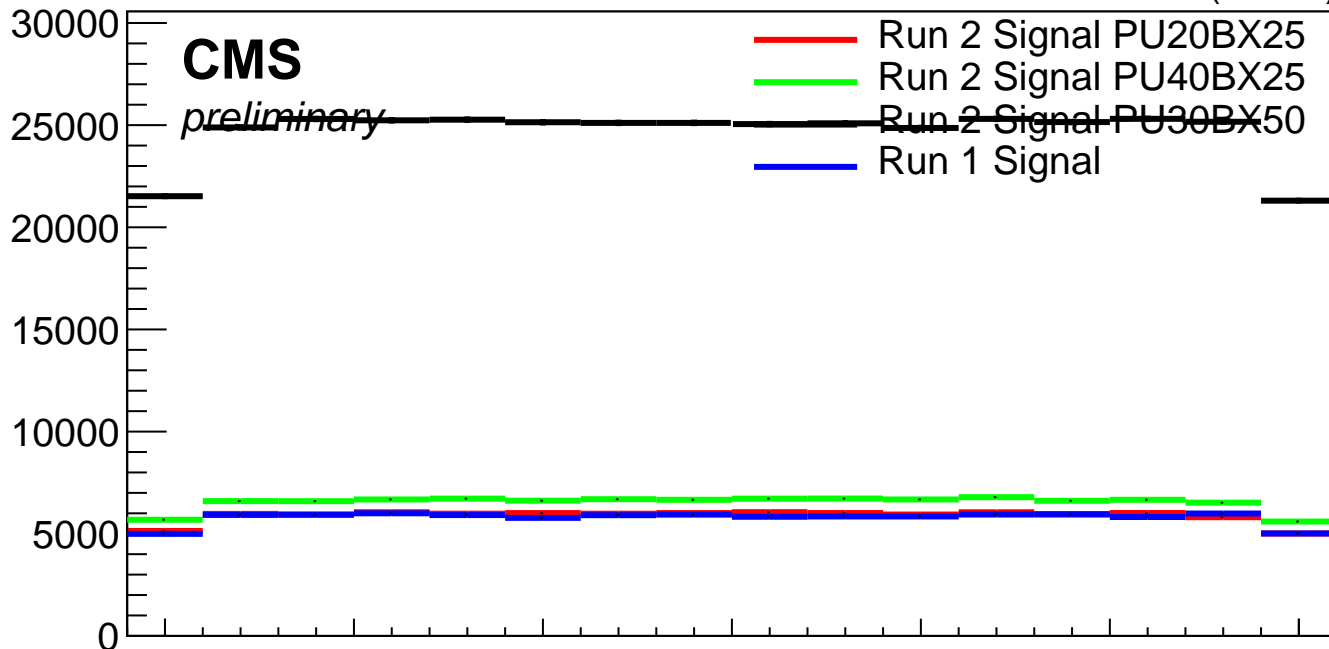


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

Run 2 Signal PU20BX25
Run 2 Signal PU40BX25
Run 2 Signal PU30BX50
Run 1 Signal

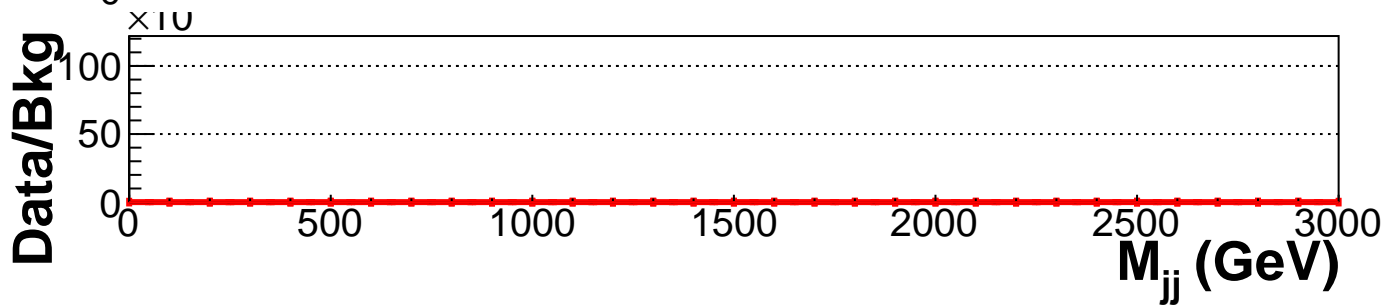


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal



19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal

Data/Bkg

×10

100

50

0

$\Delta\phi_{jj}$

100

80

60

40

20

0

×10³

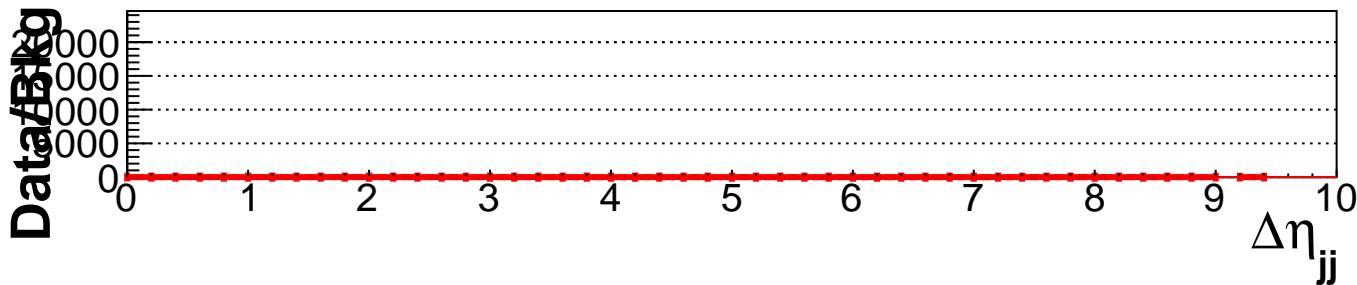
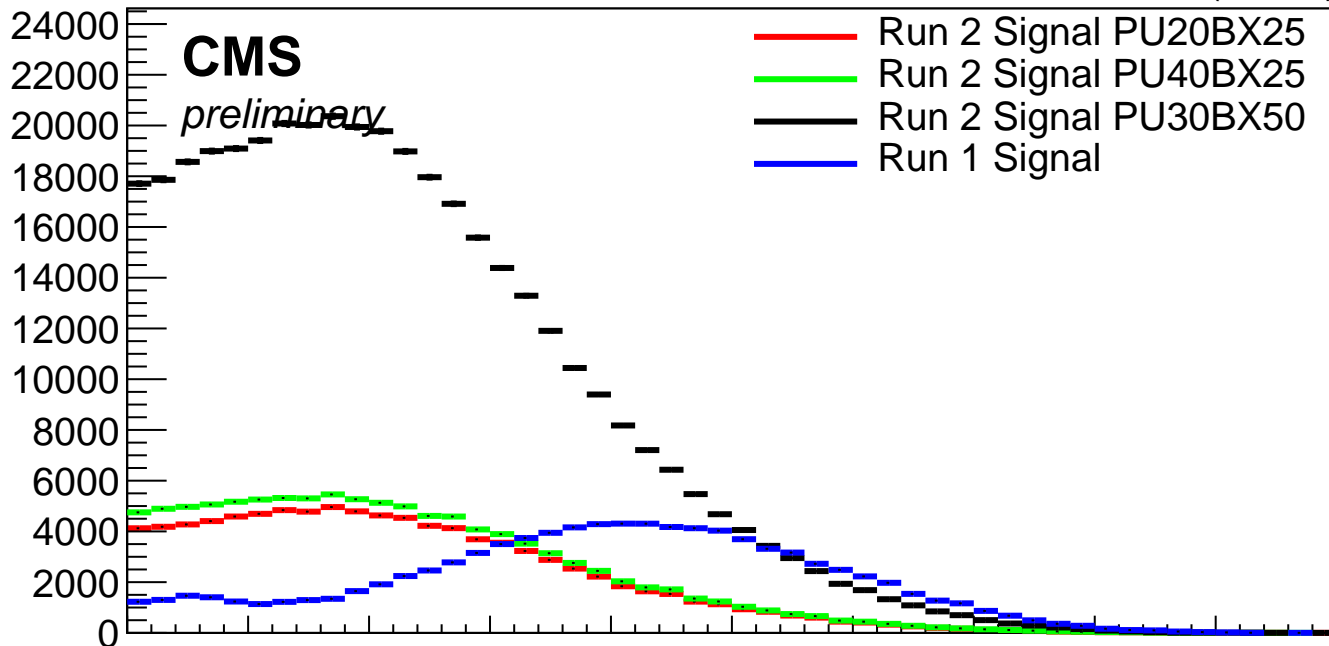
×10

19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal



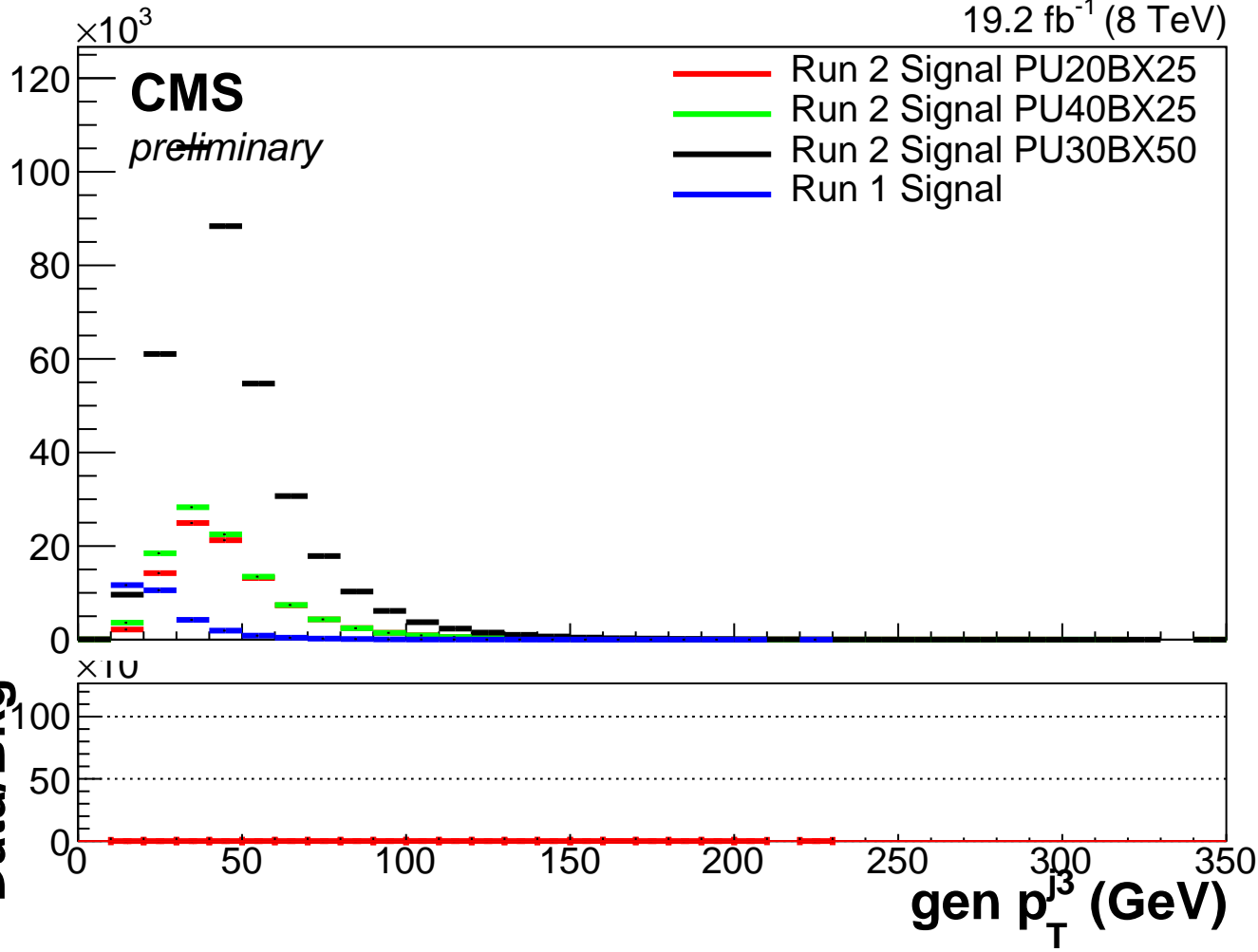
19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal

Data/Bkg

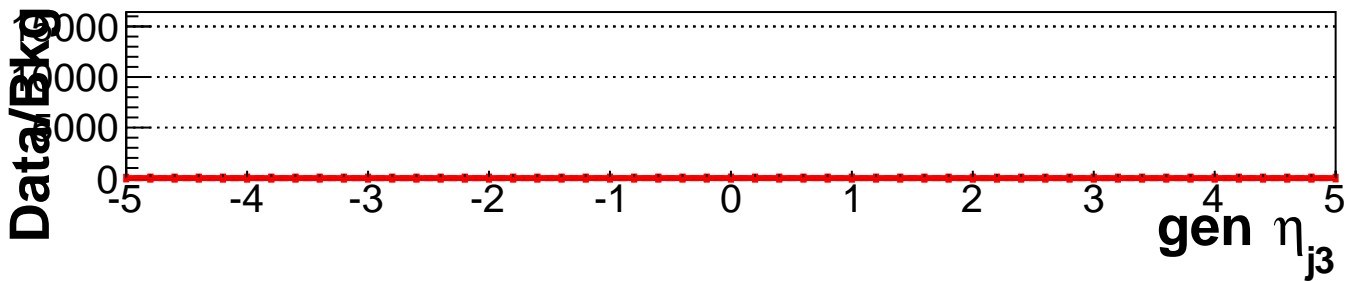
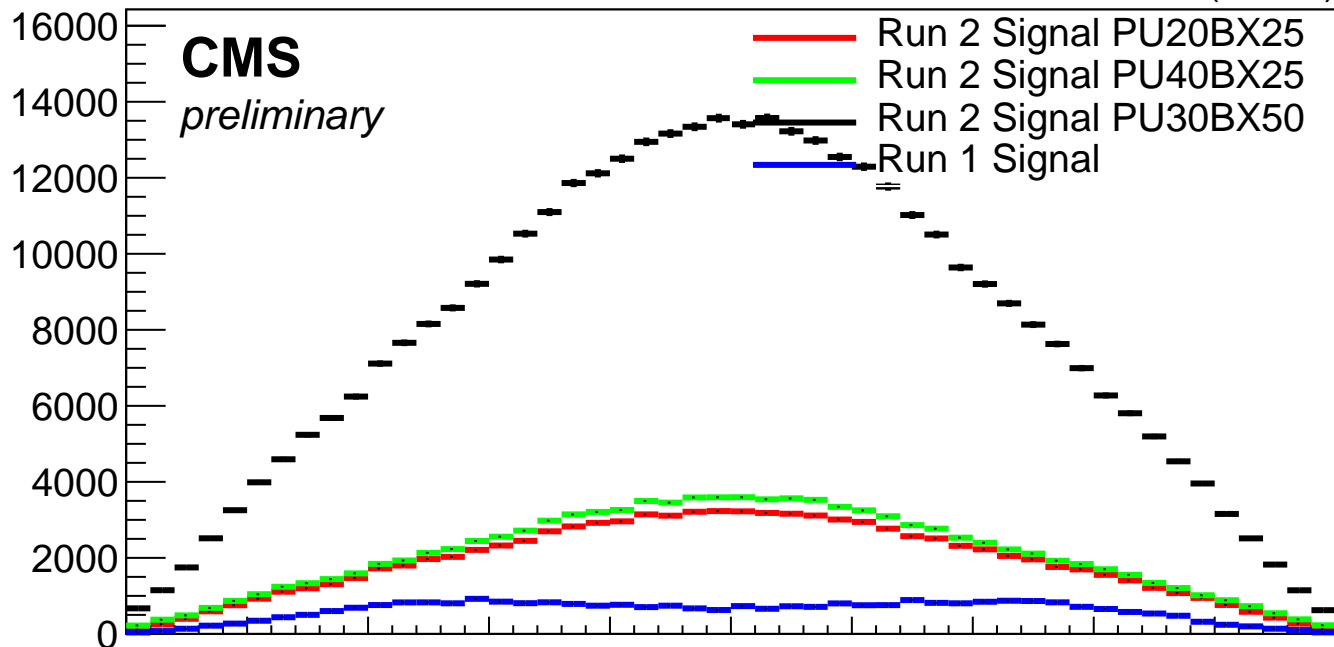


19.2 fb⁻¹ (8 TeV)

CMS

preliminary

- Run 2 Signal PU20BX25
- Run 2 Signal PU40BX25
- Run 2 Signal PU30BX50
- Run 1 Signal



19.2 fb⁻¹ (8 TeV)

CMS

preliminary

Run 2 Signal PU20BX25
Run 2 Signal PU40BX25
Run 2 Signal PU30BX50
Run 1 Signal

