



Events per bin (normalized)

**ATLAS**

Simulation Internal

$\sqrt{s} = 13 \text{ TeV}, Z \rightarrow \mu\mu, 139.0 \text{ fb}^{-1}$

Dilepton,  $p_T^{\mu\mu} > 190 \text{ GeV}$

QCD\_uu

- "Data" Truth (Target)
- IBU
- UniFold
- MultiFold

0.20

0.15

0.10

0.05

0.00

Ratio to "Data" Truth

1.2

1.0

0.8

-3

-2

-1

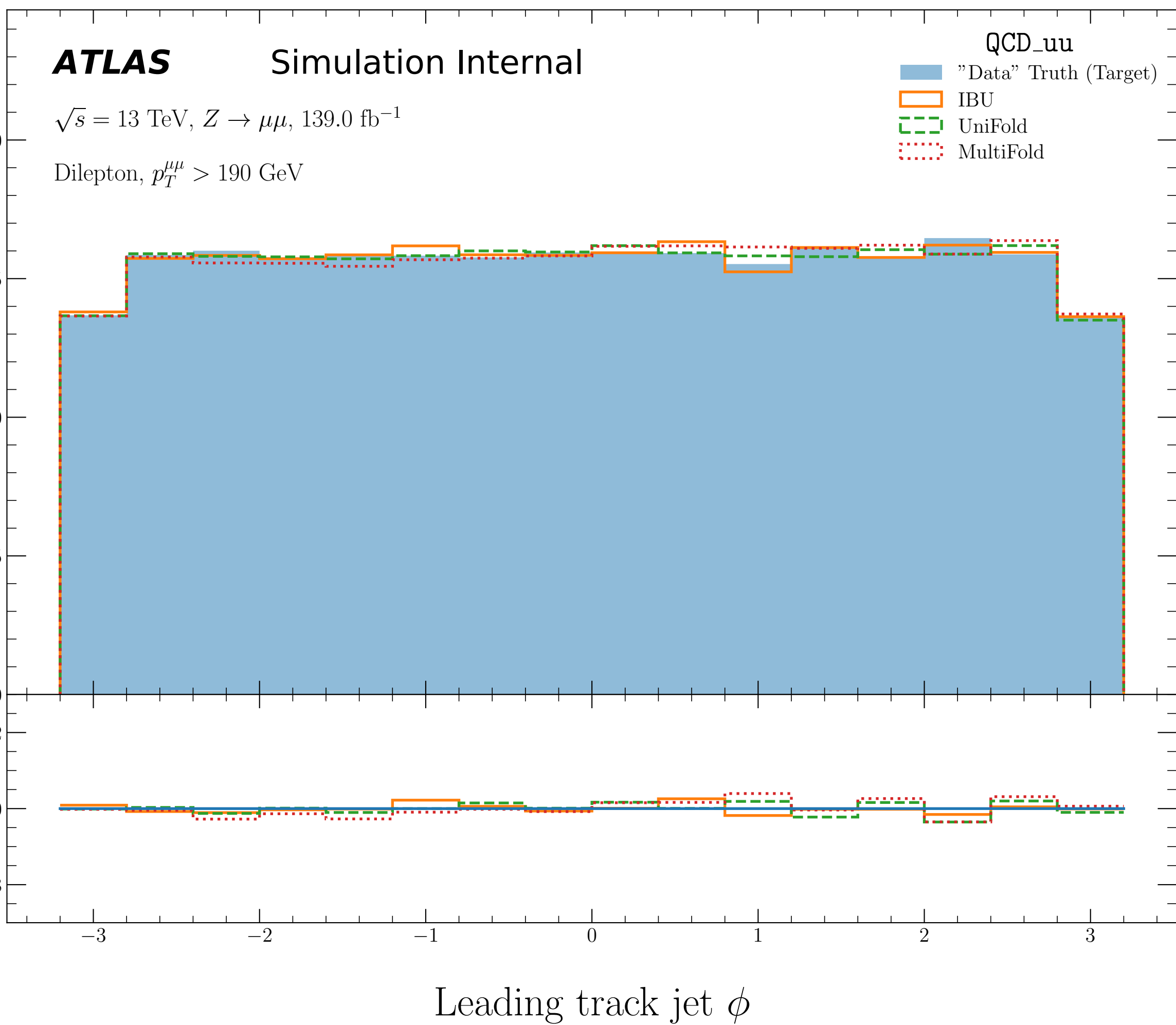
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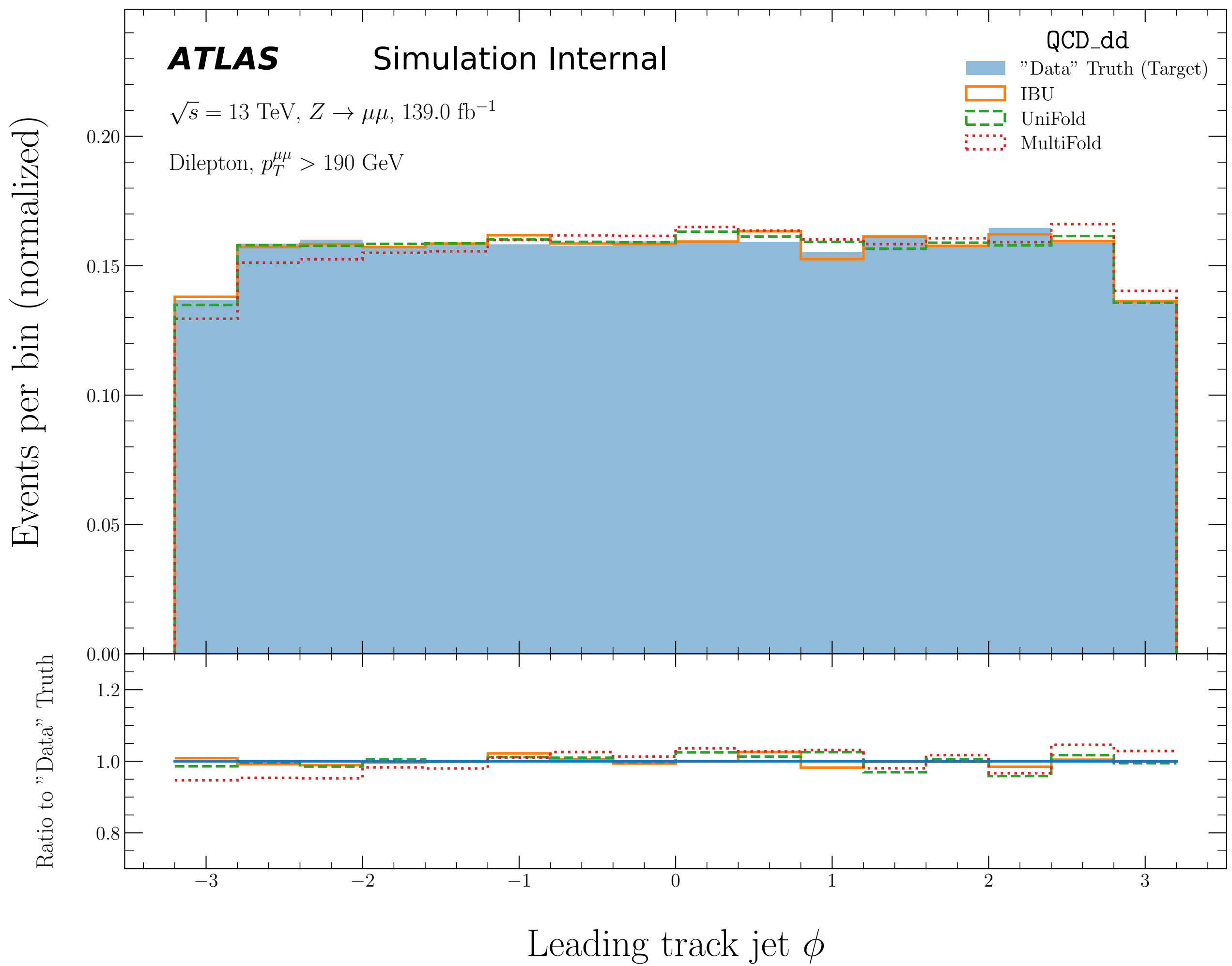
1

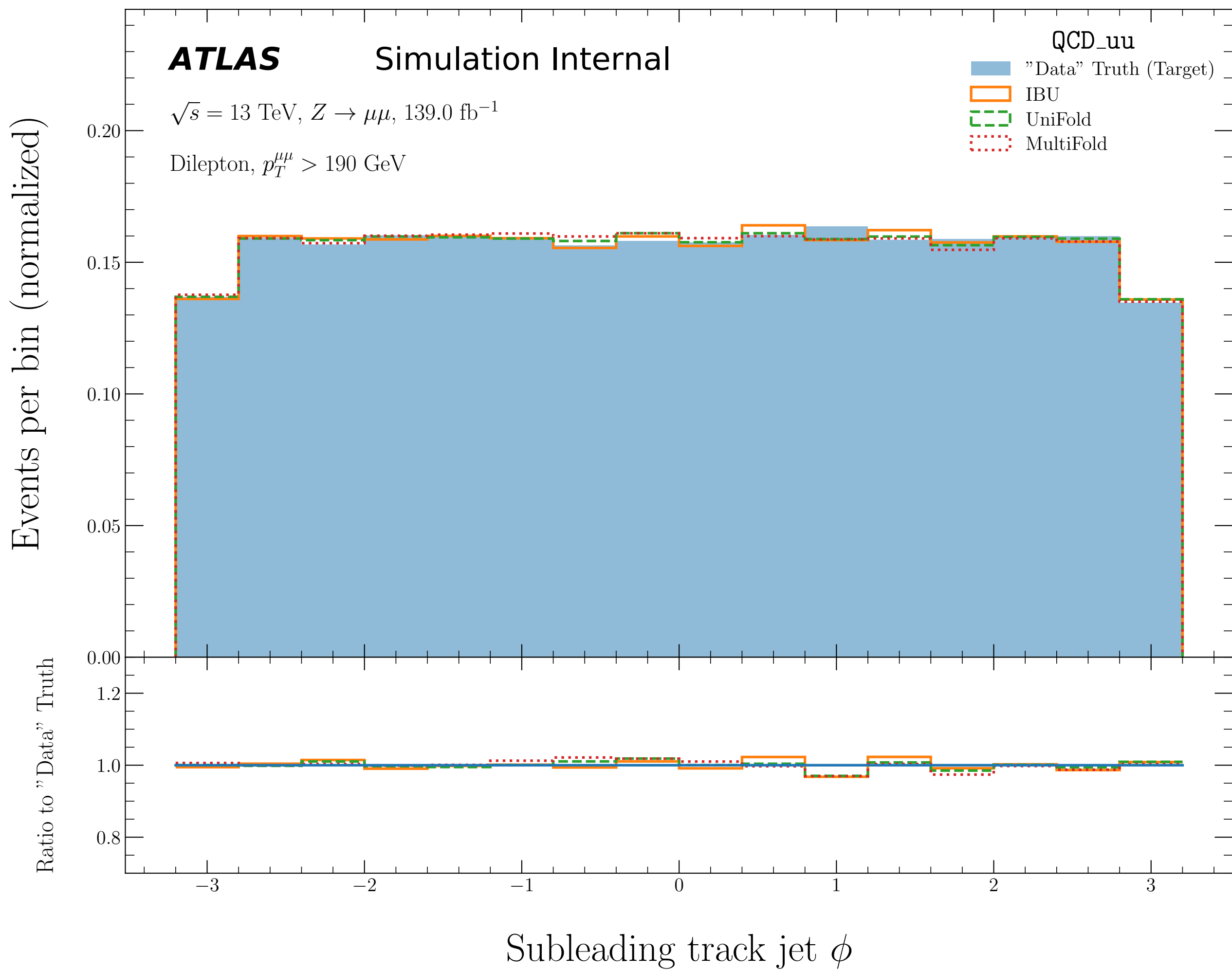
2

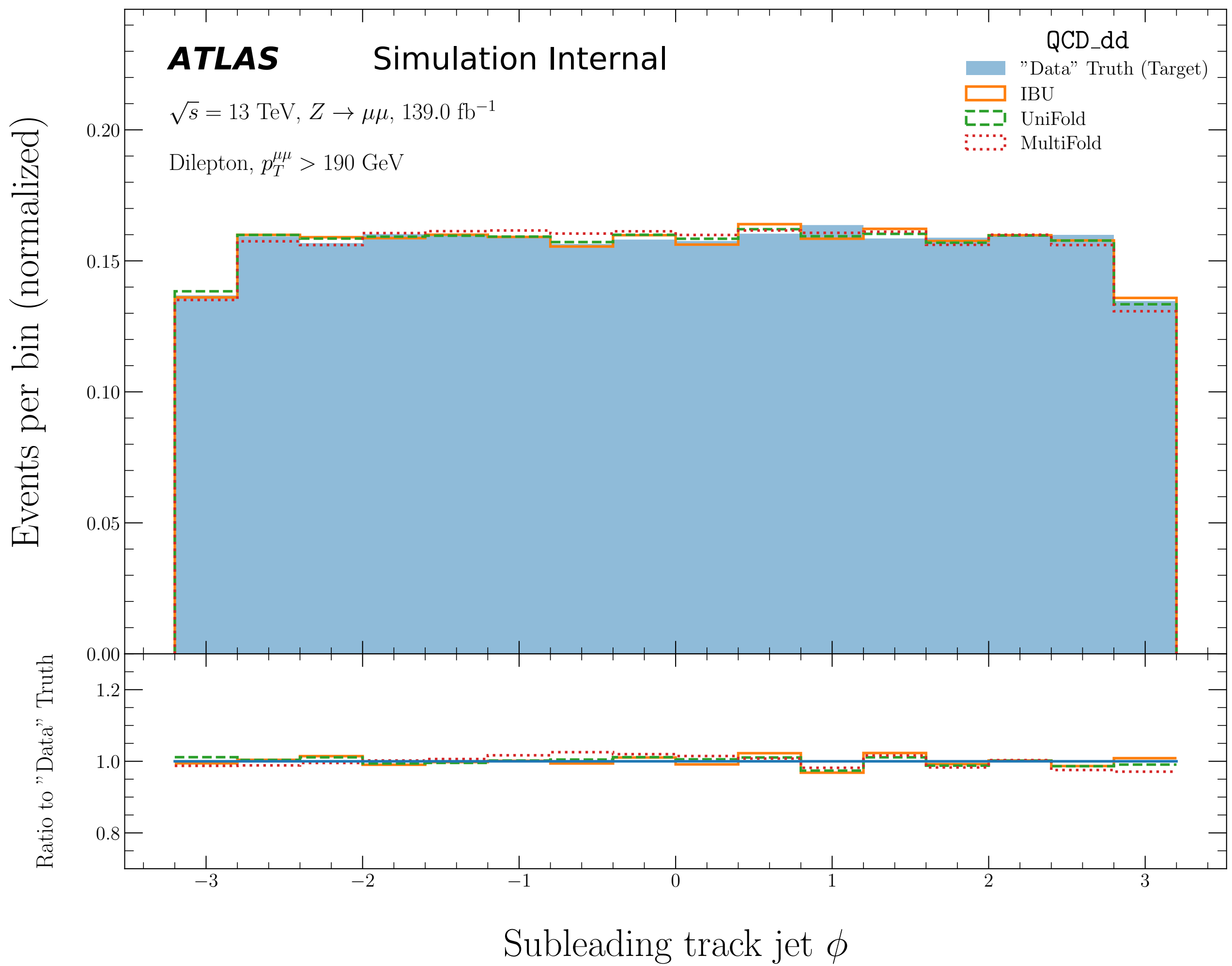
3

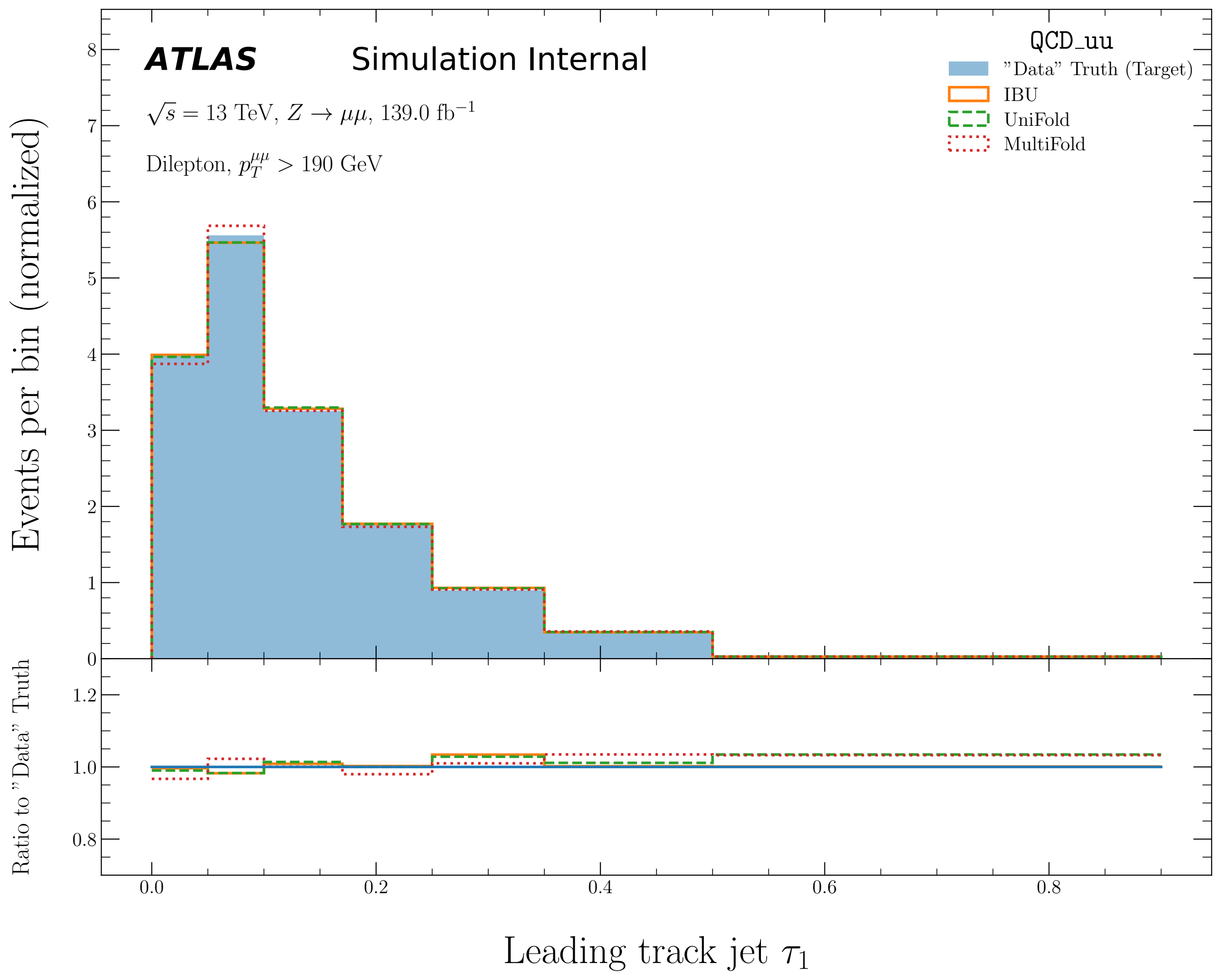
Leading track jet  $\phi$

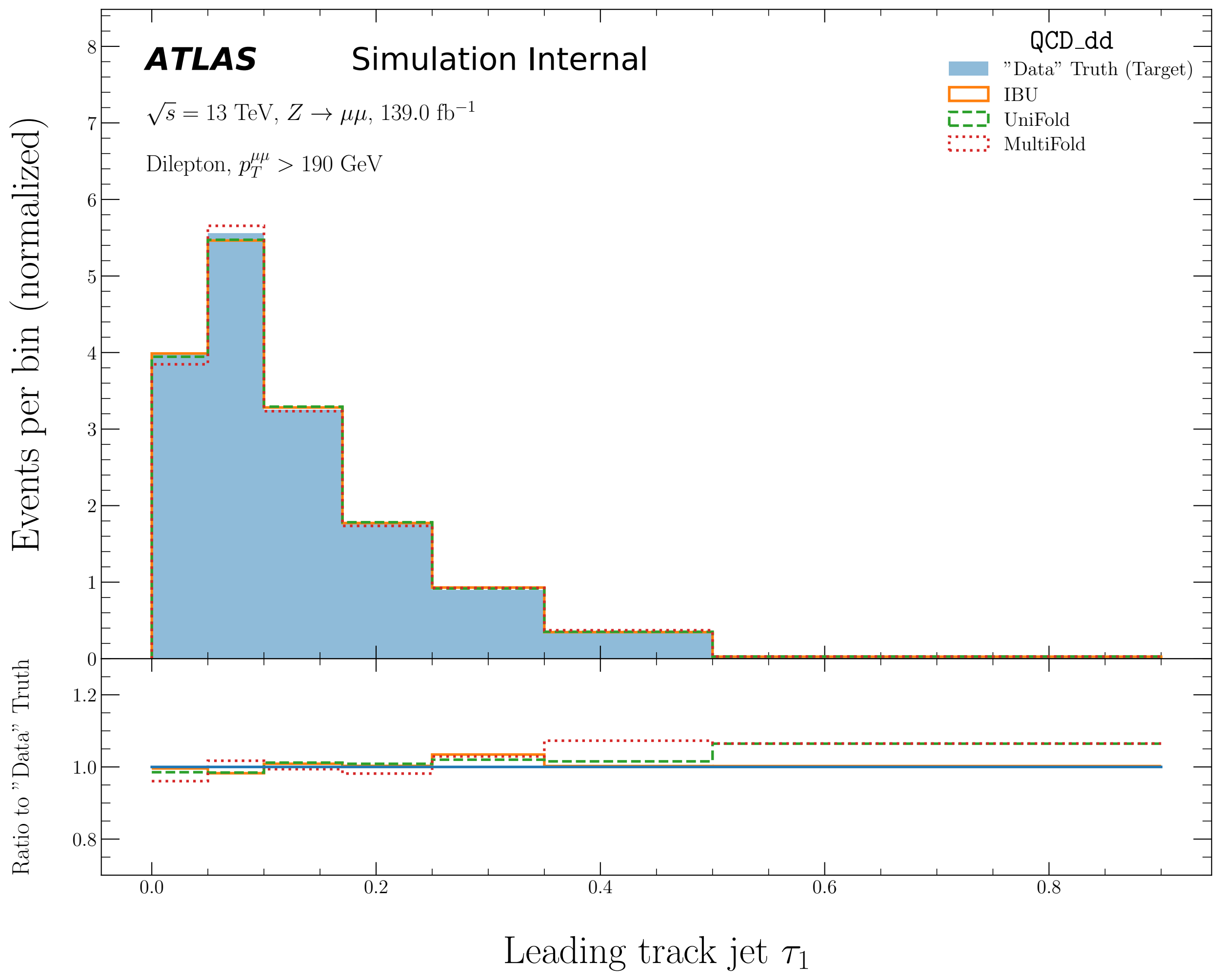


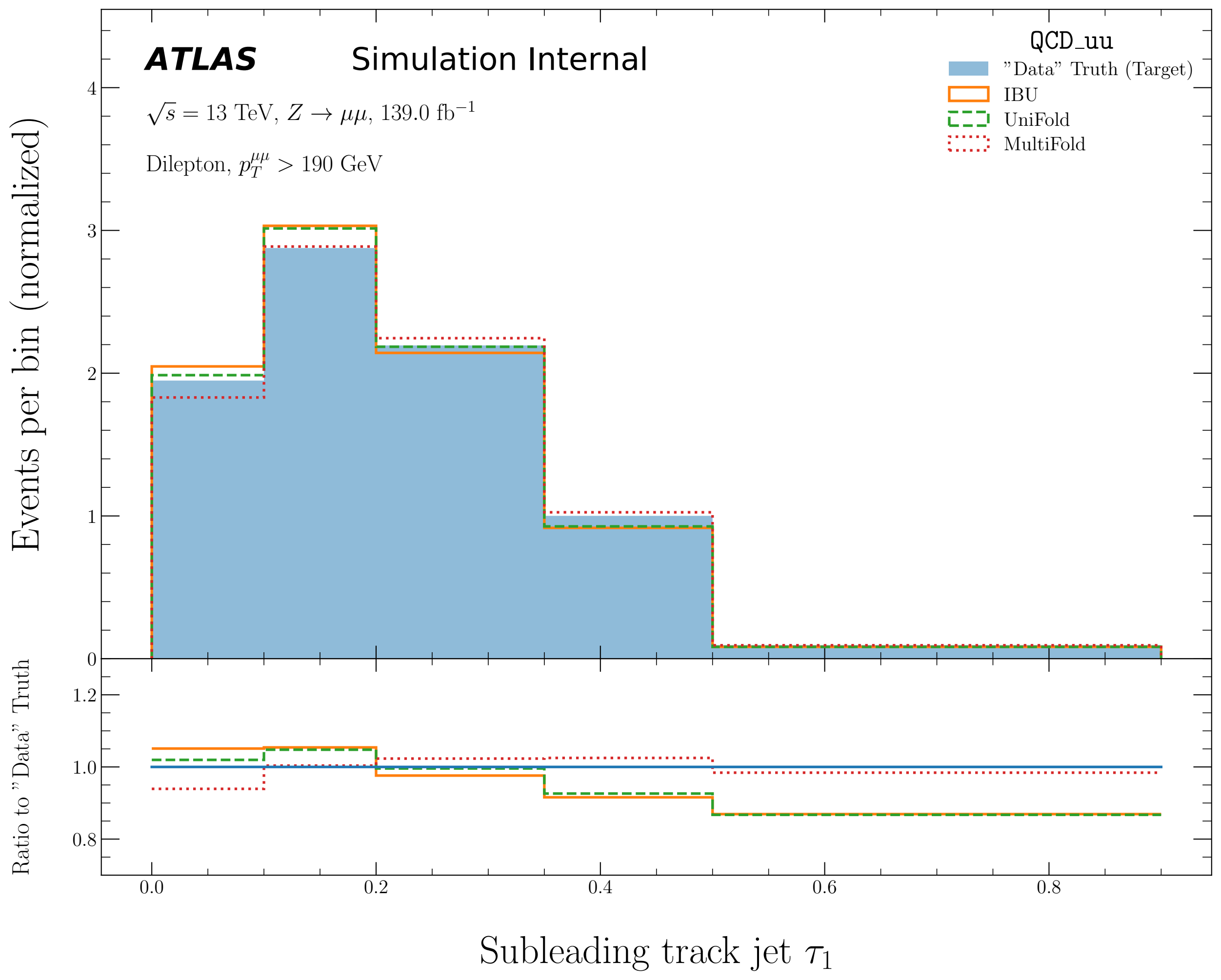


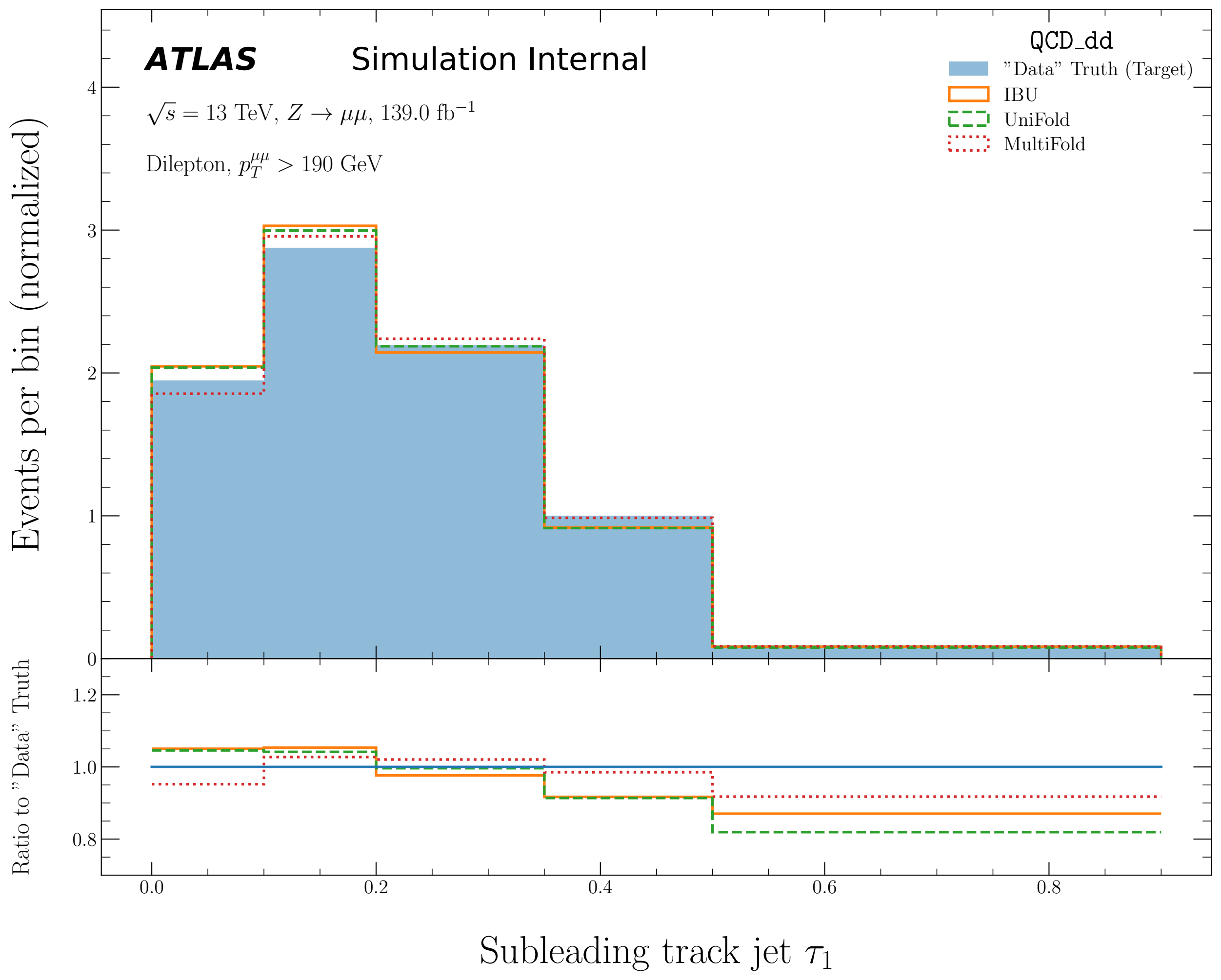




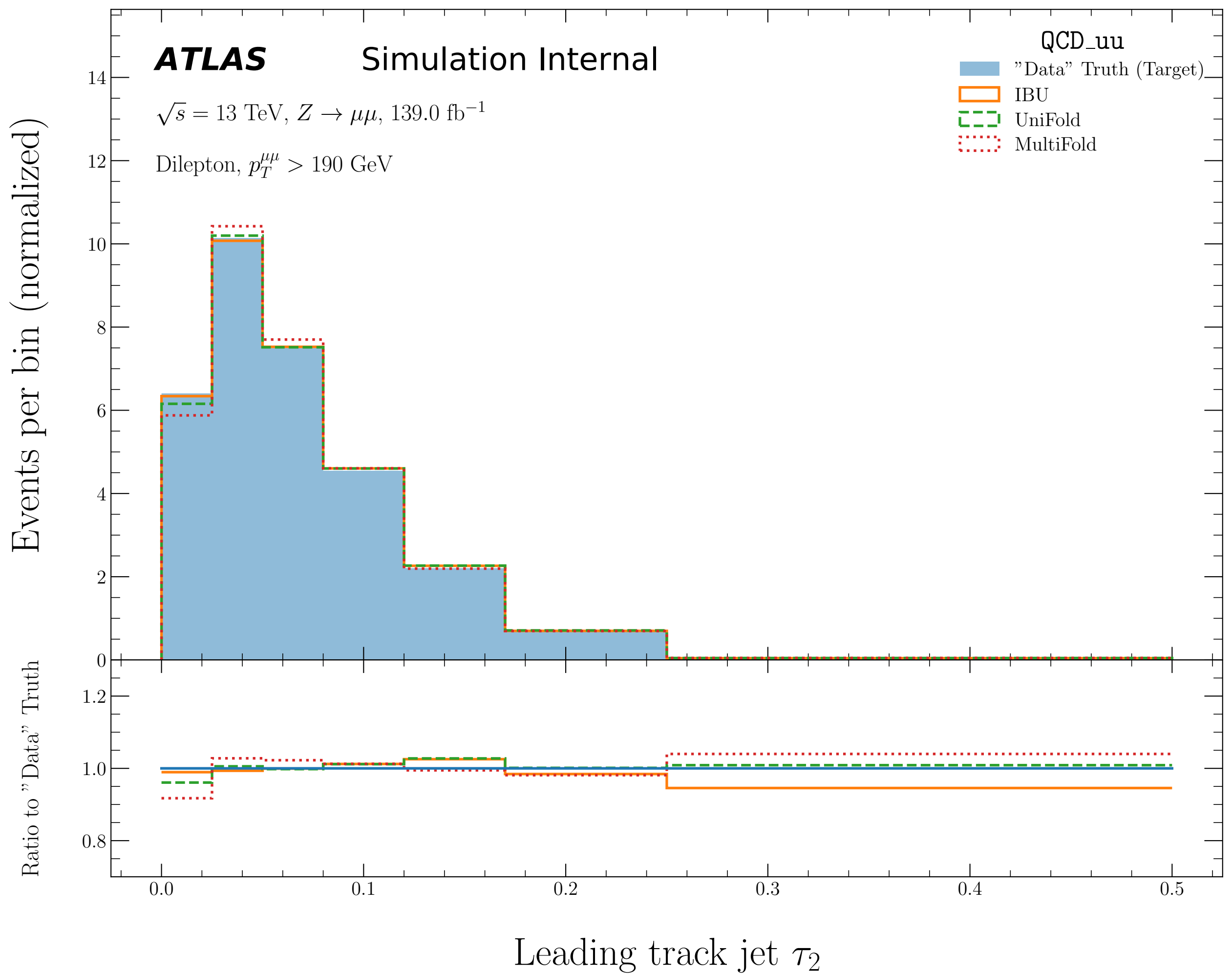


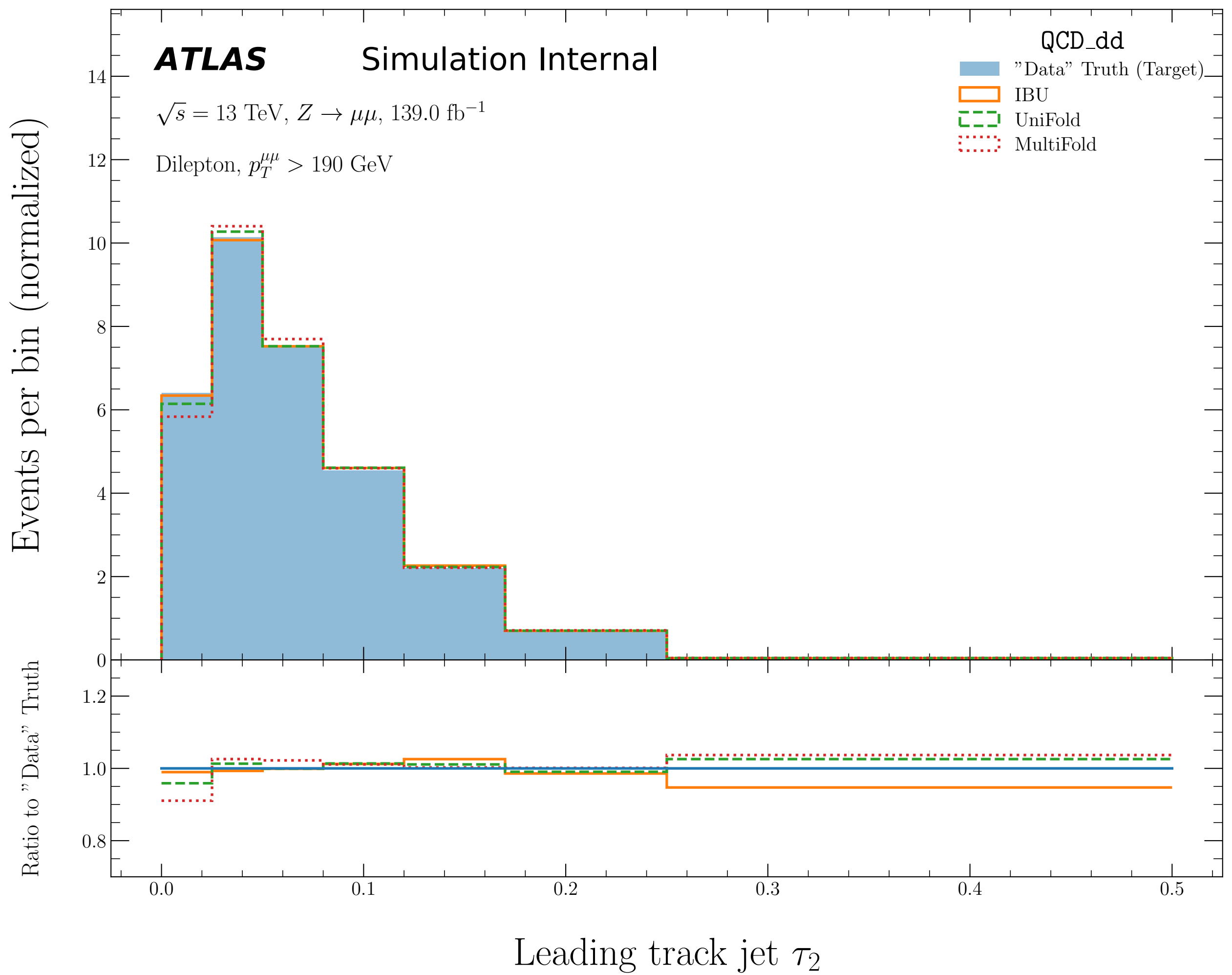


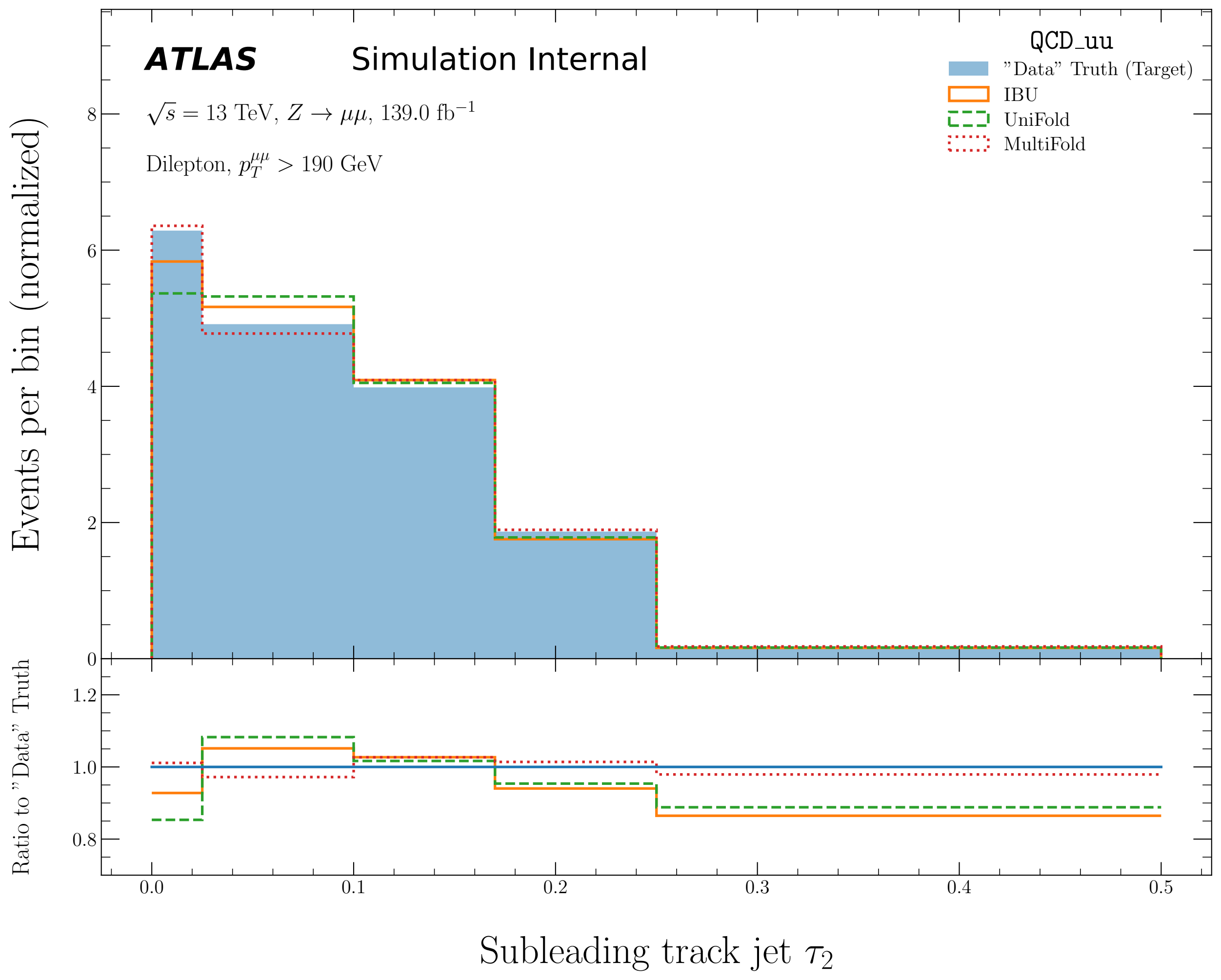


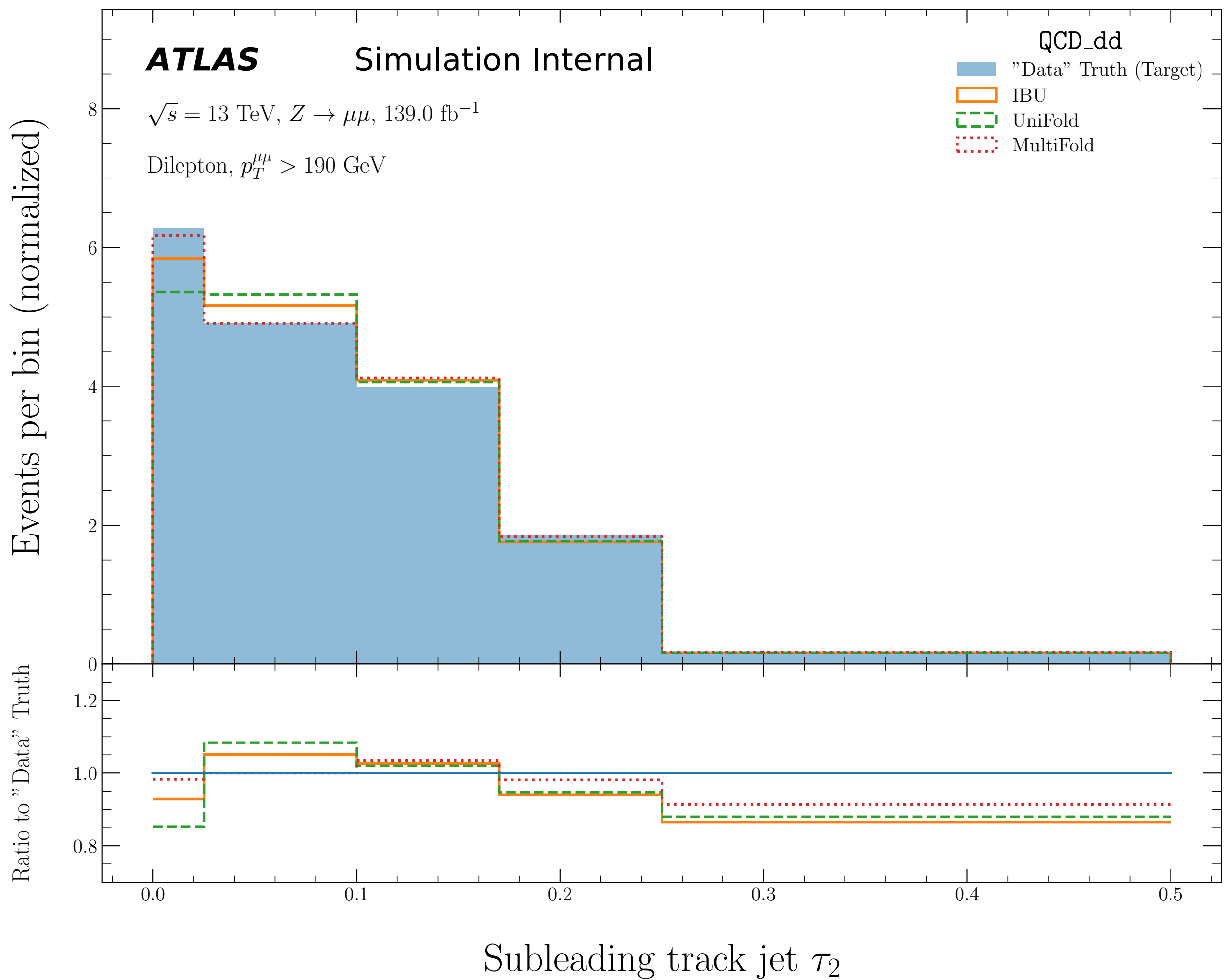


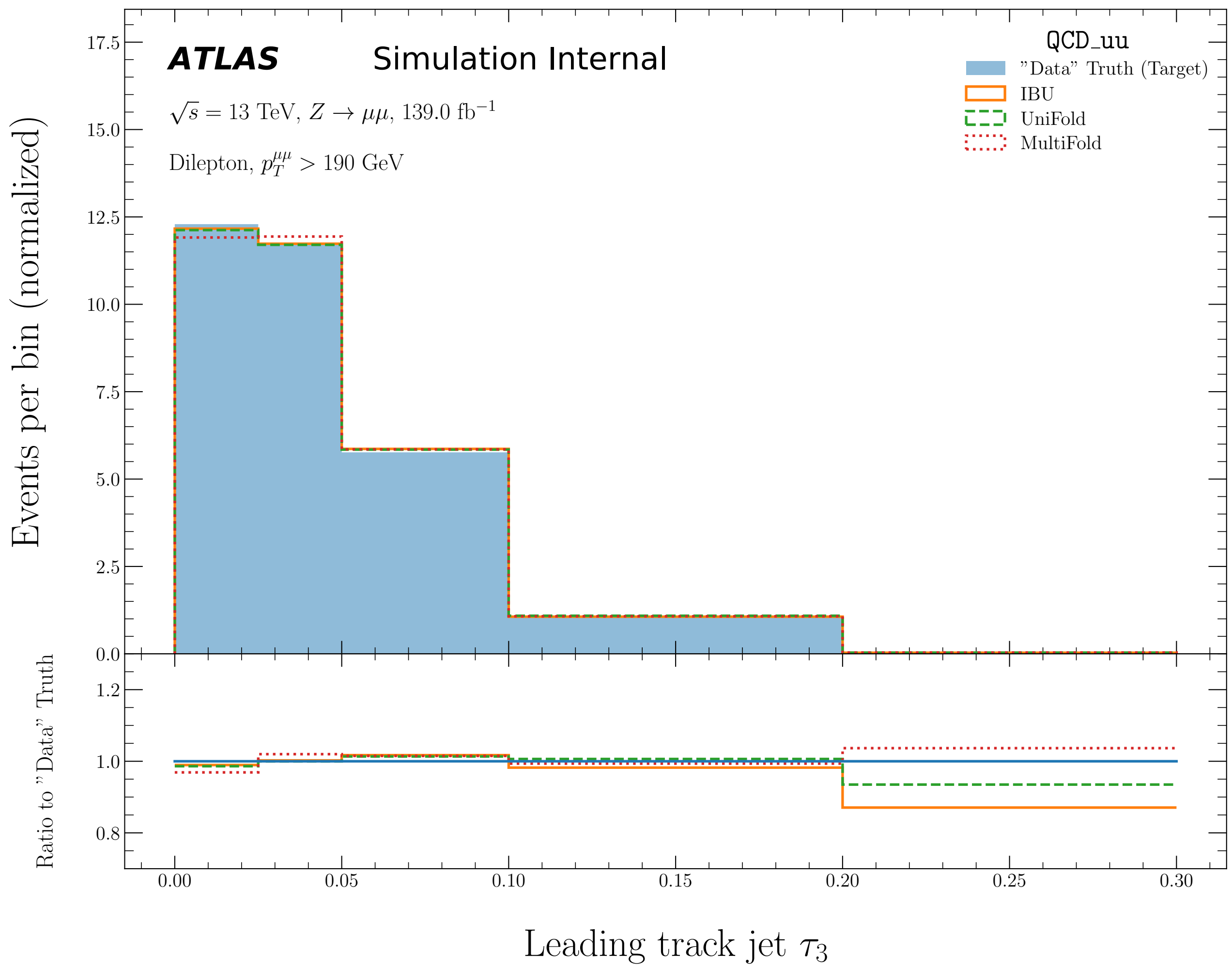


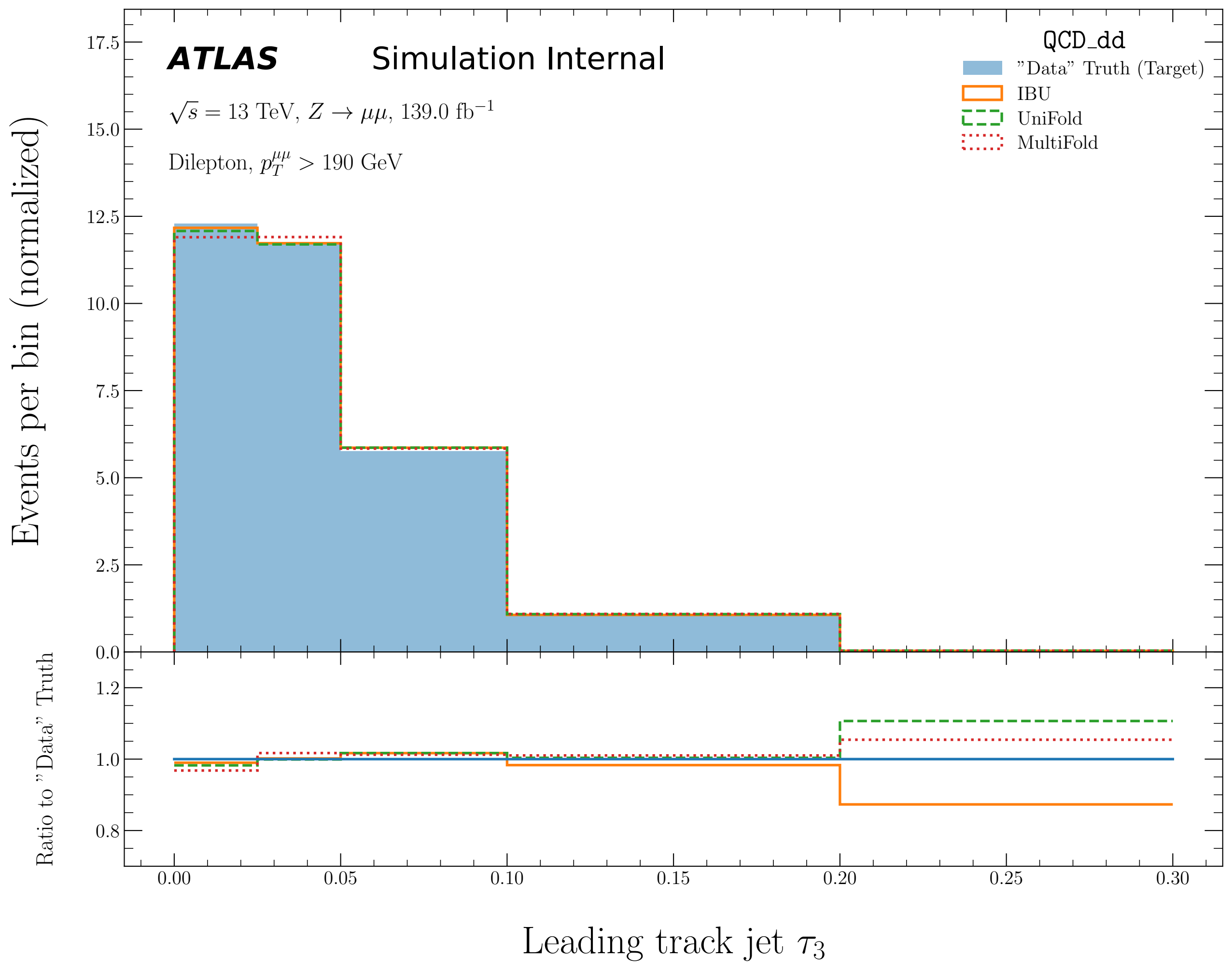


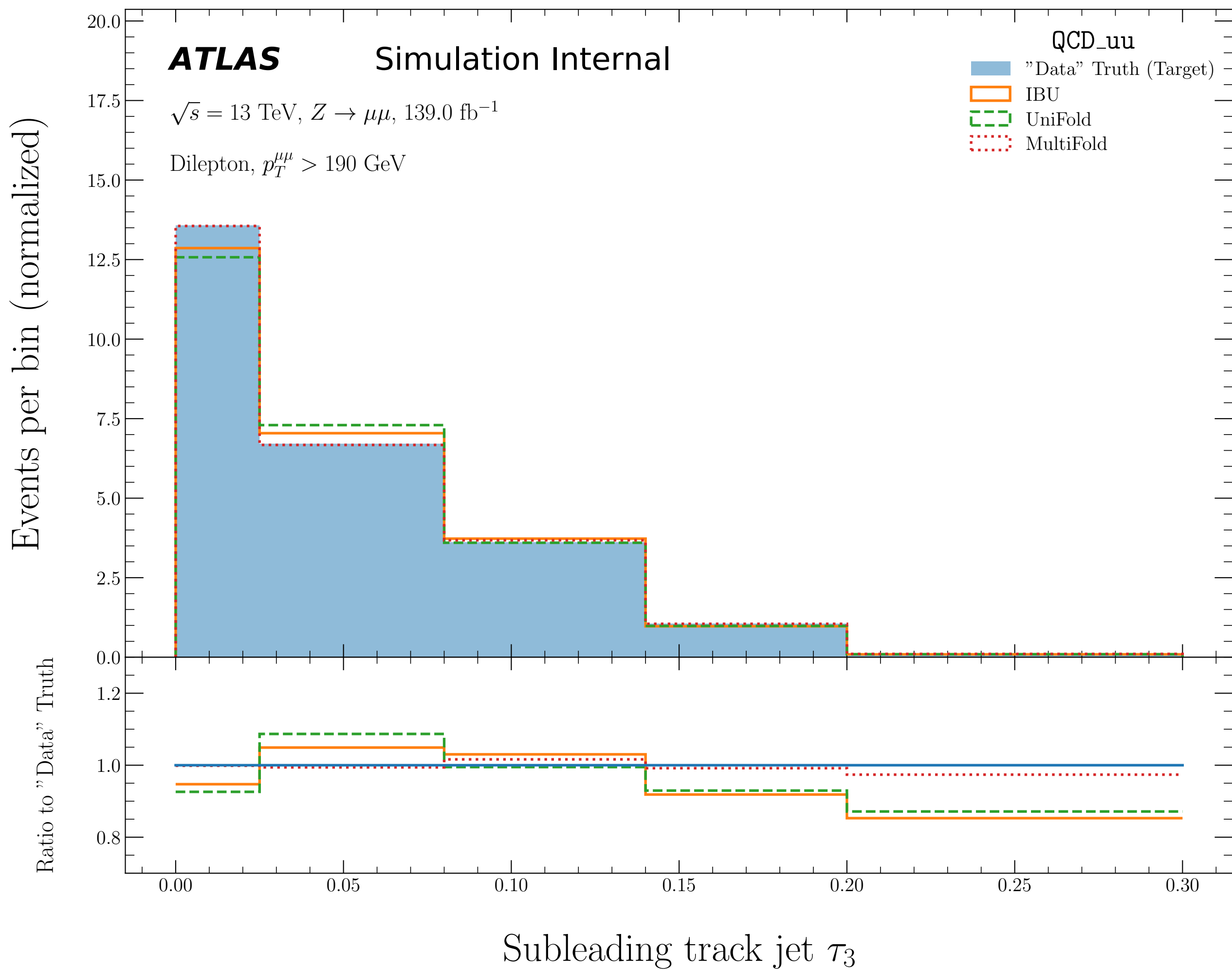


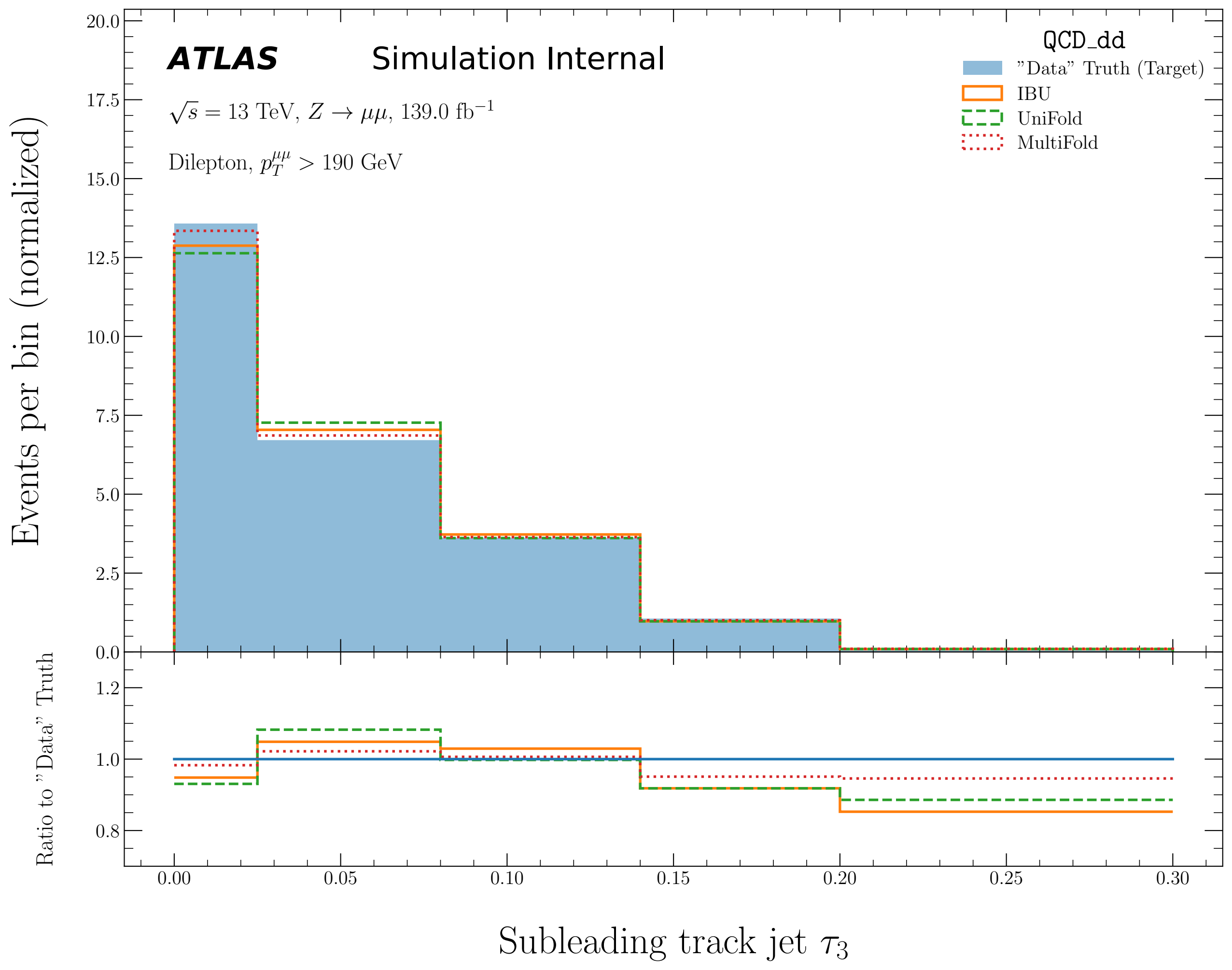




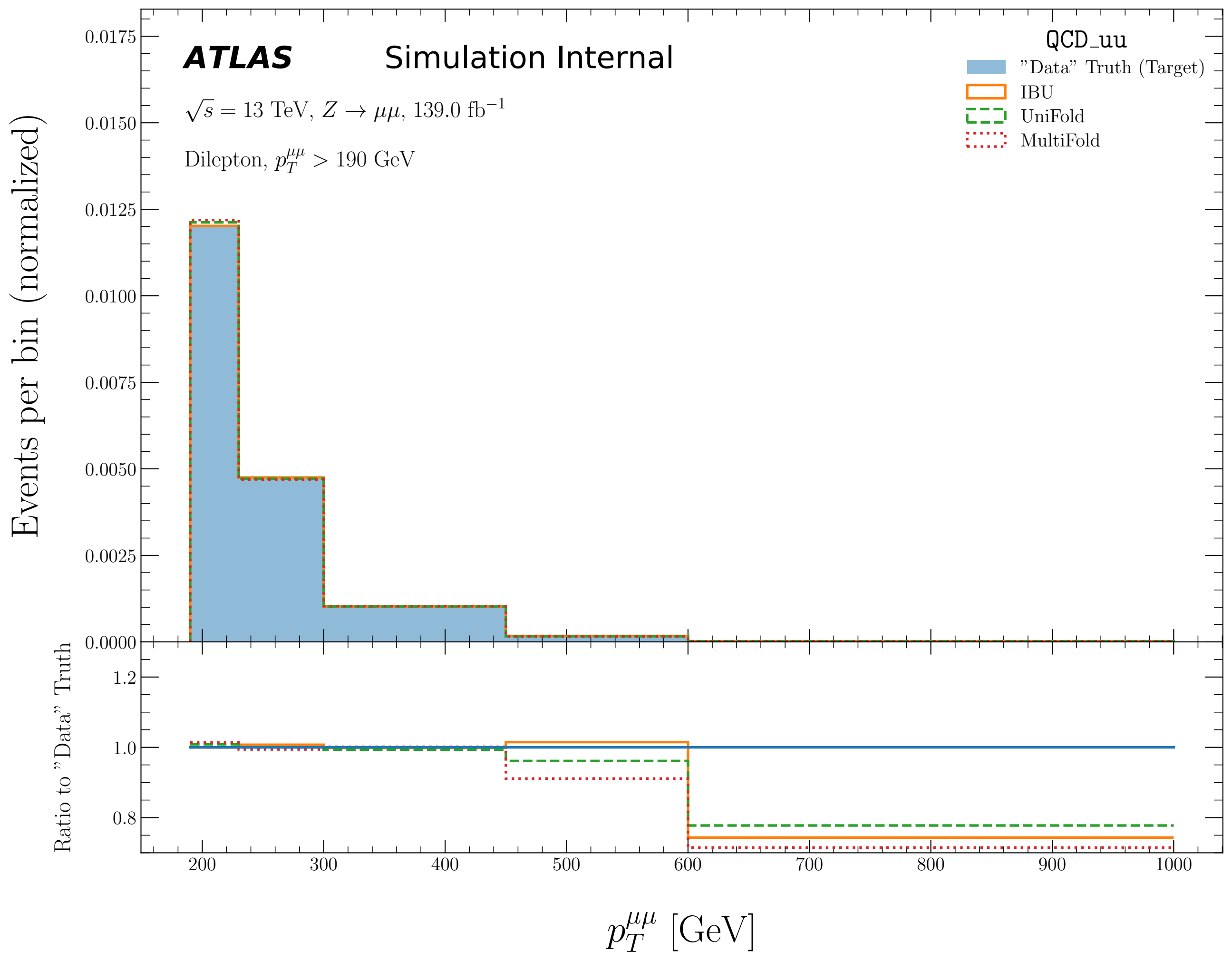


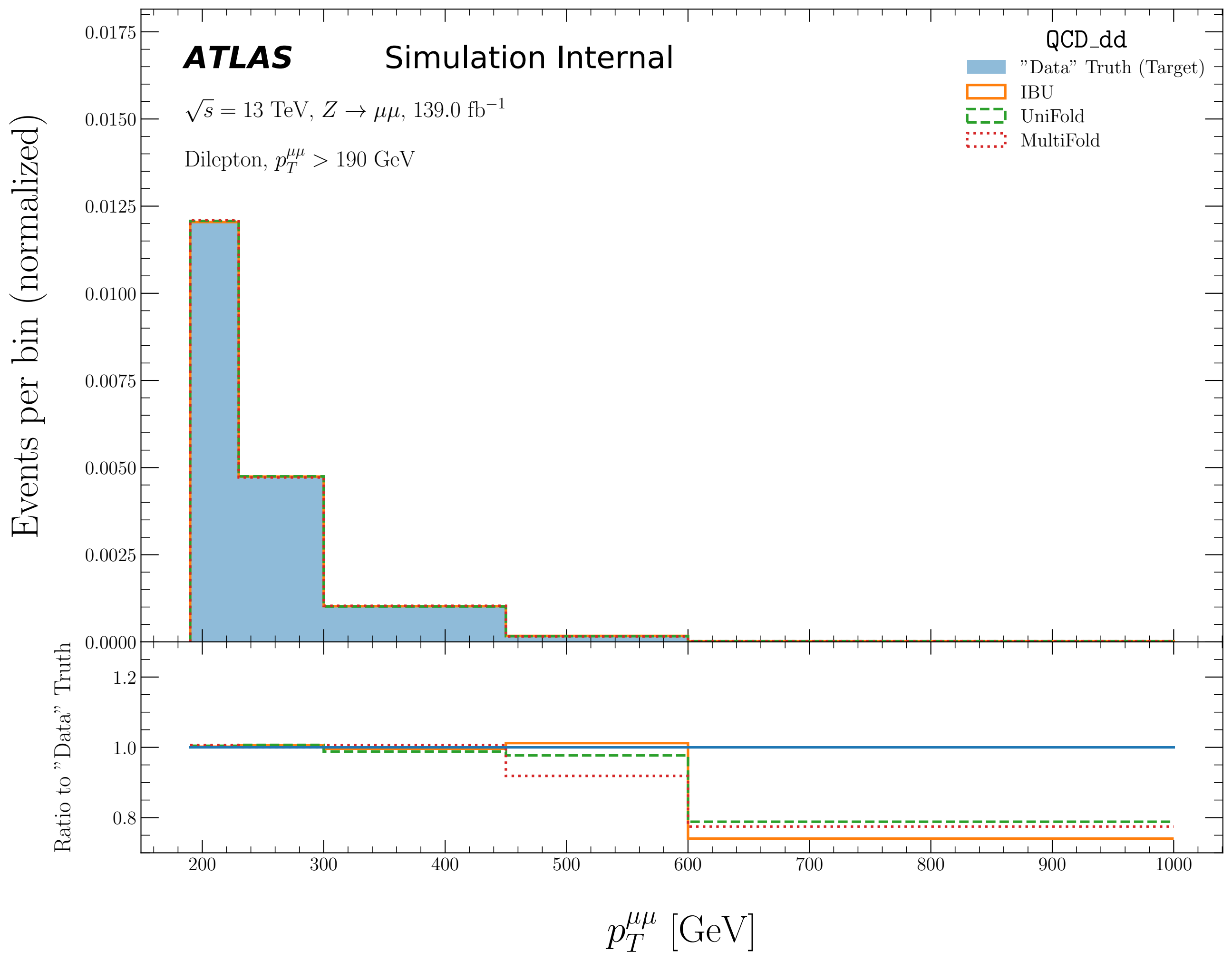


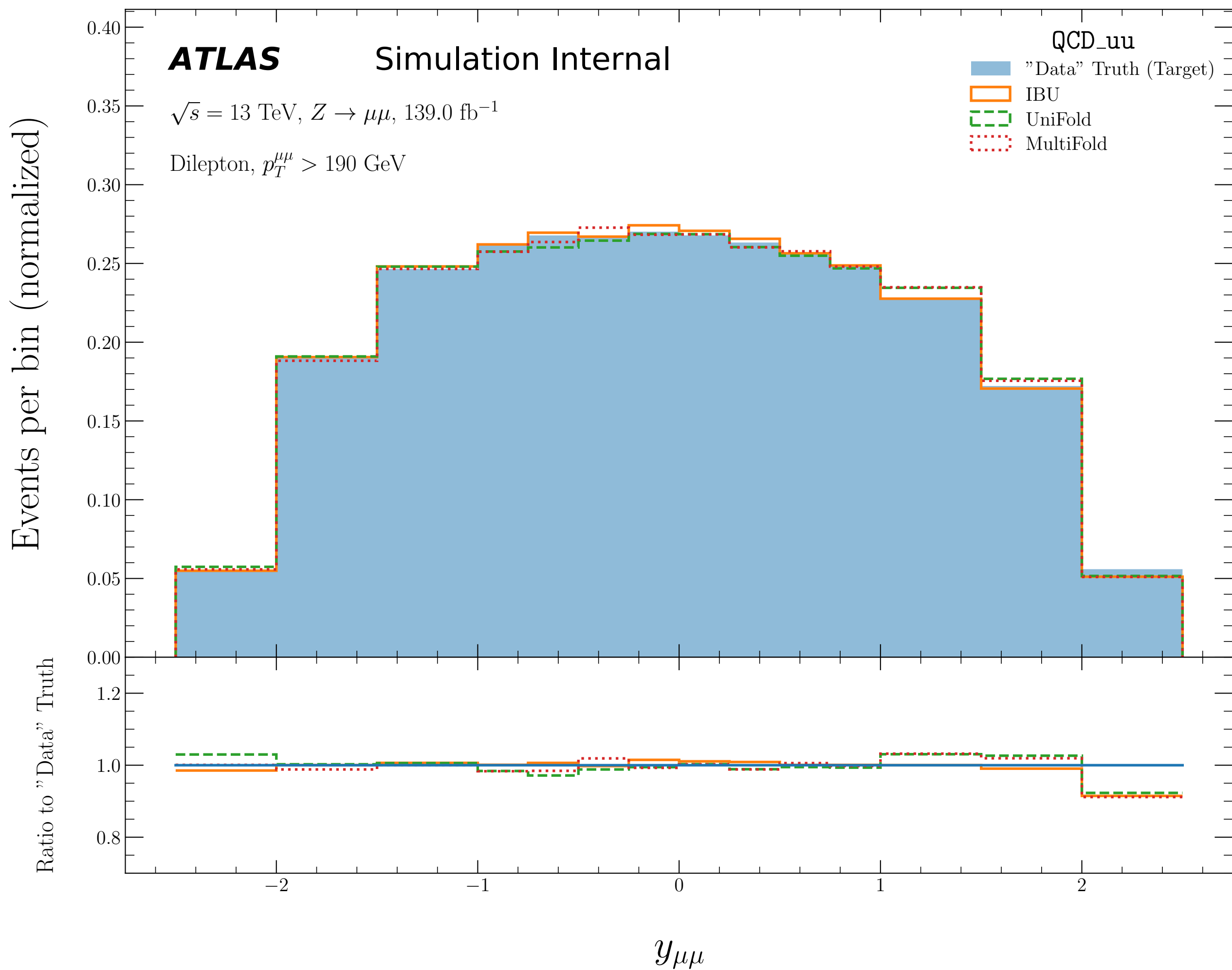


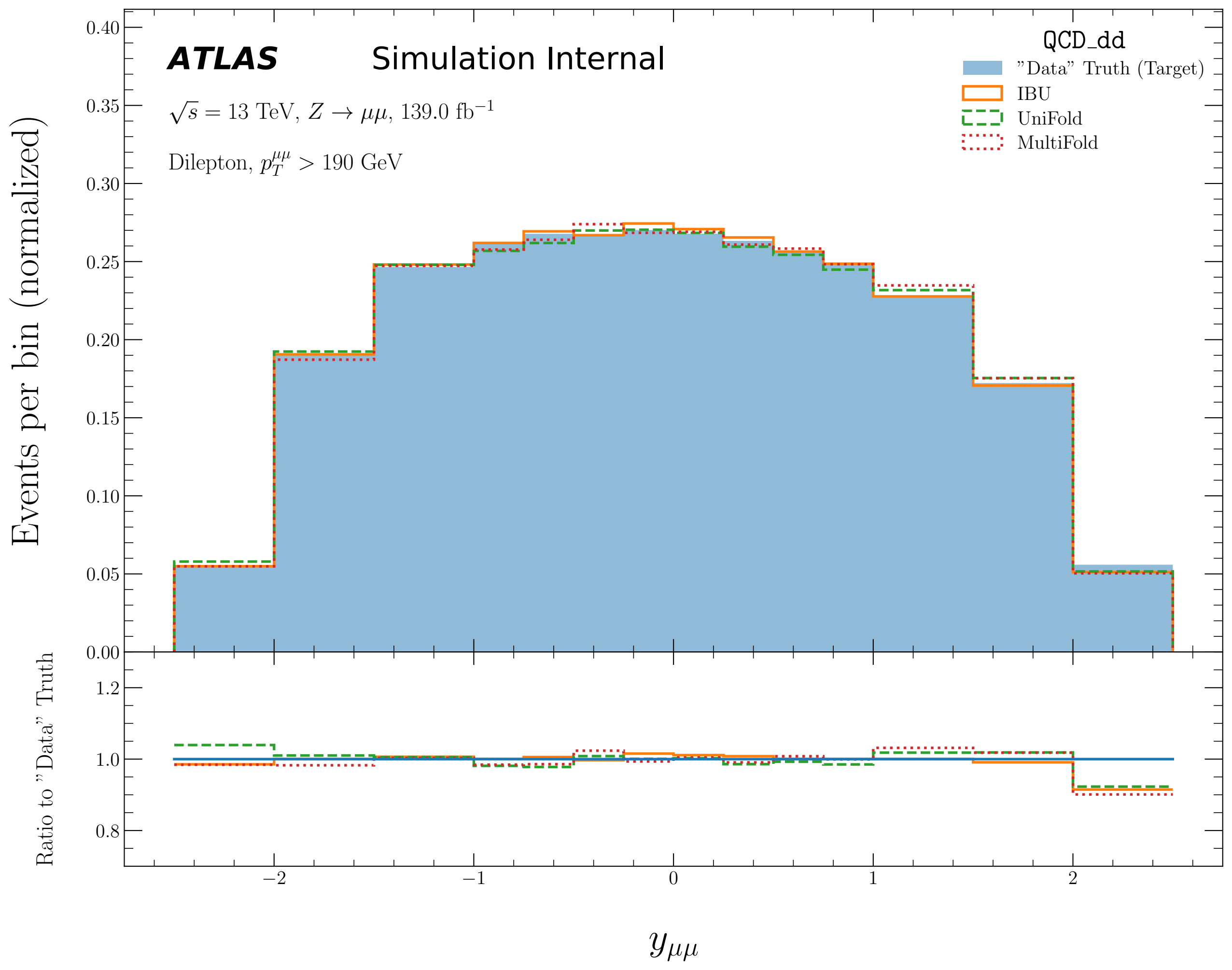


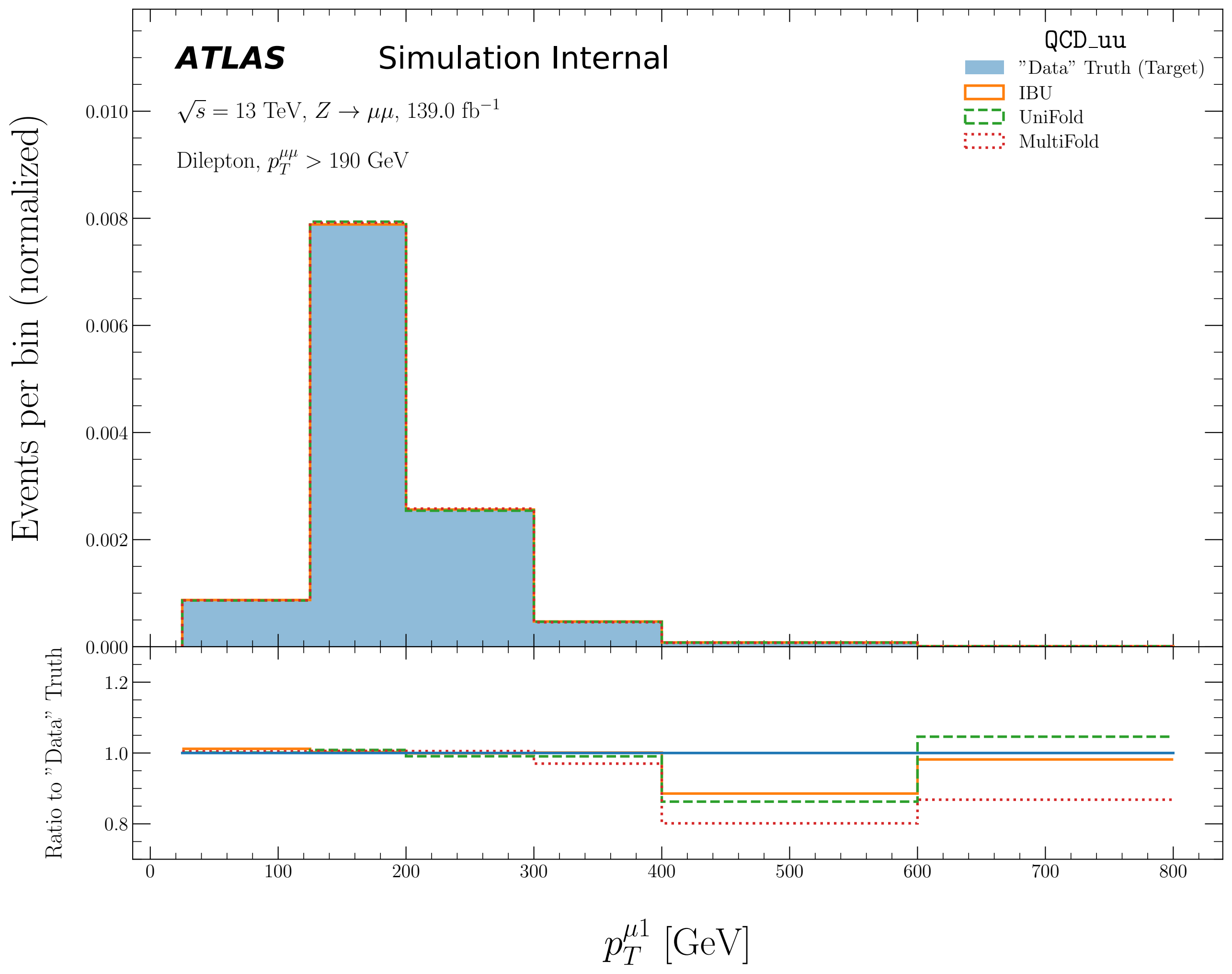


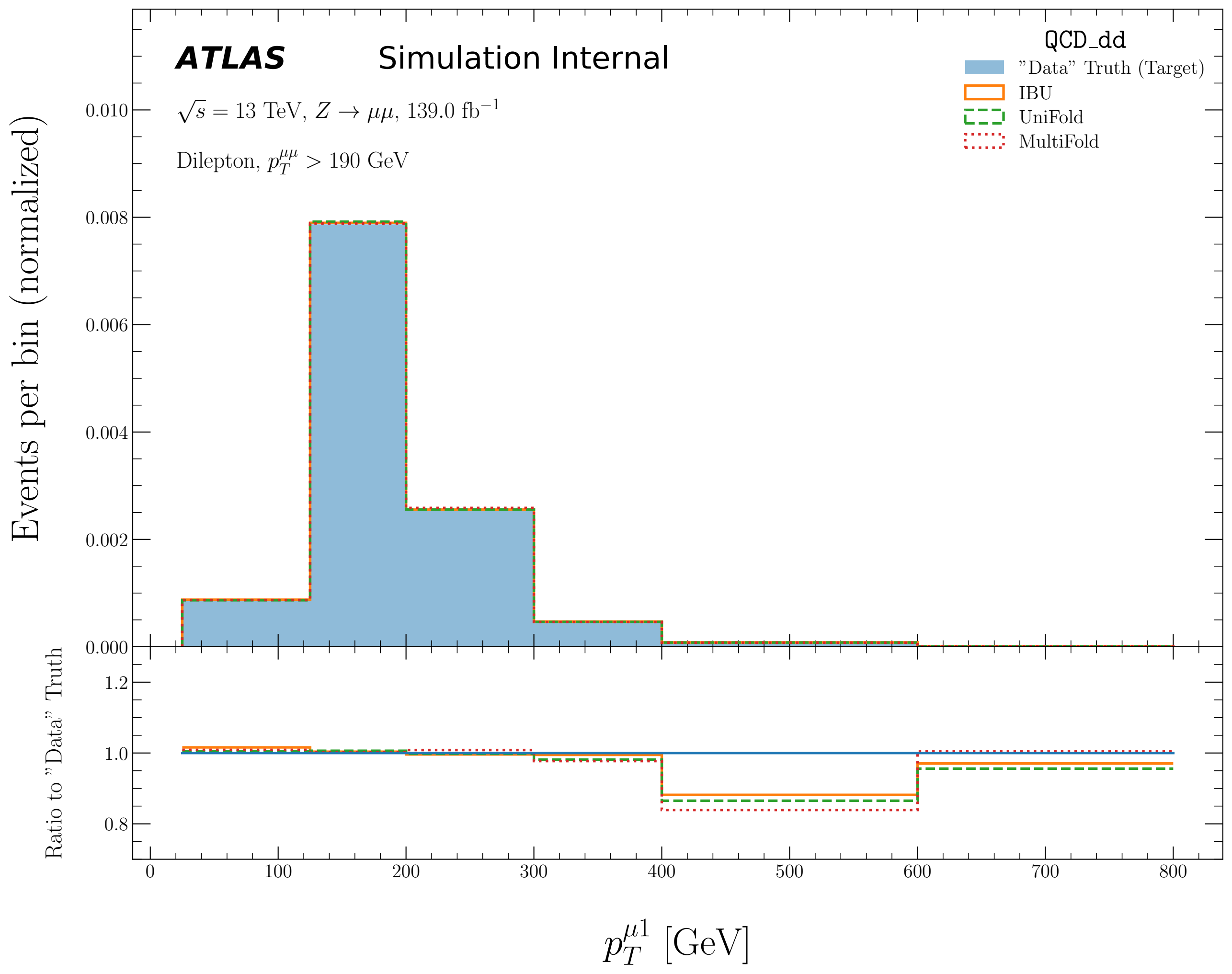


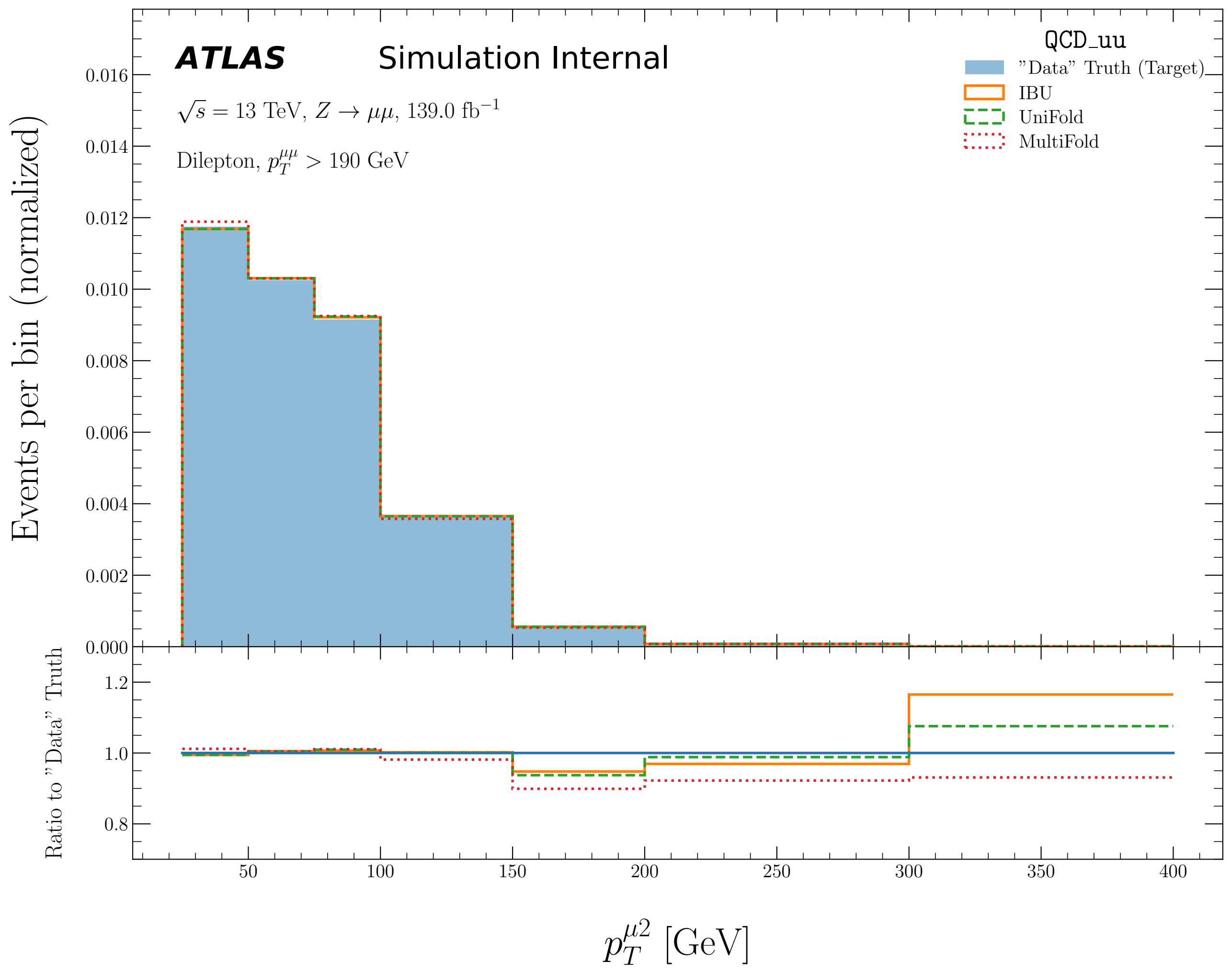


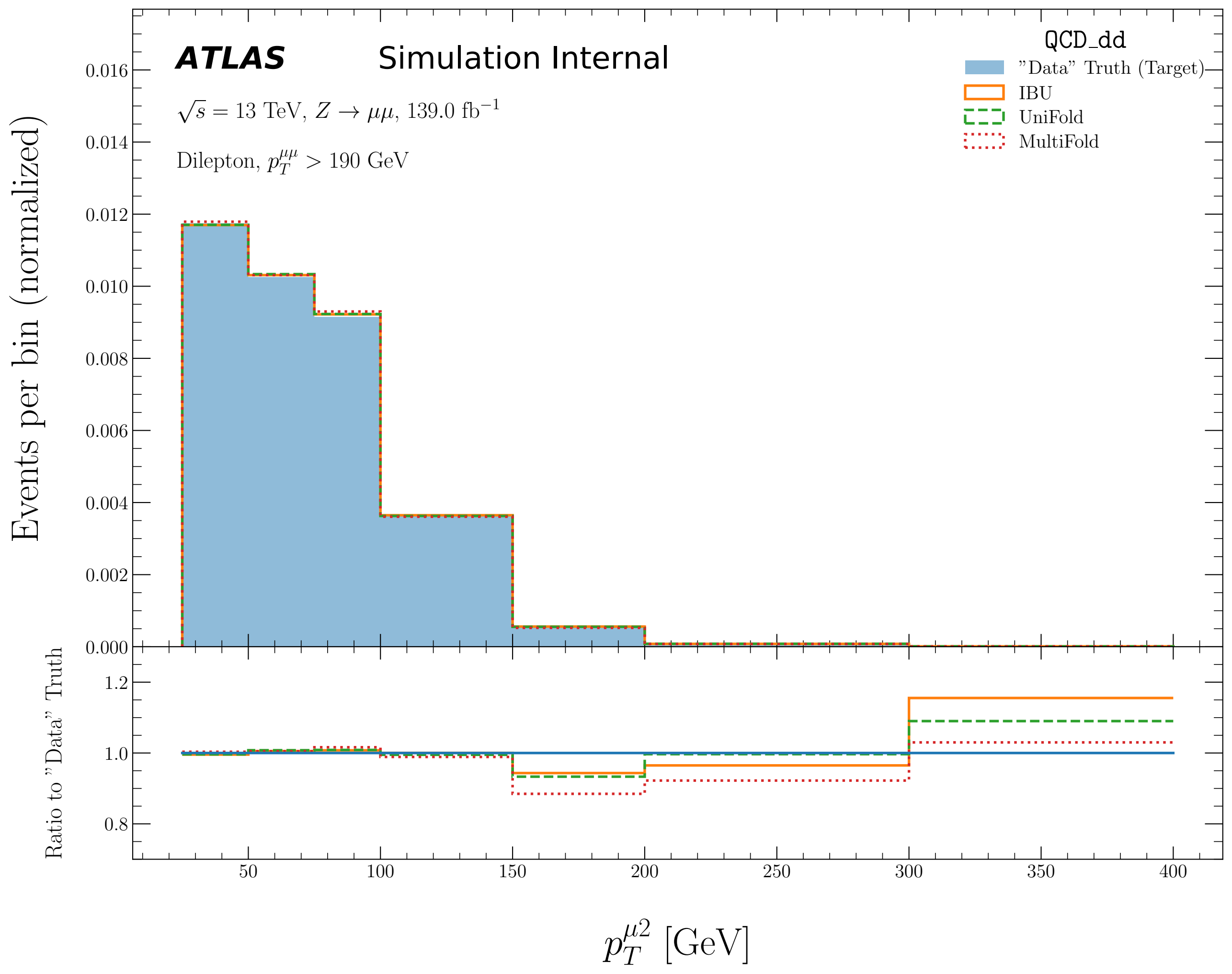




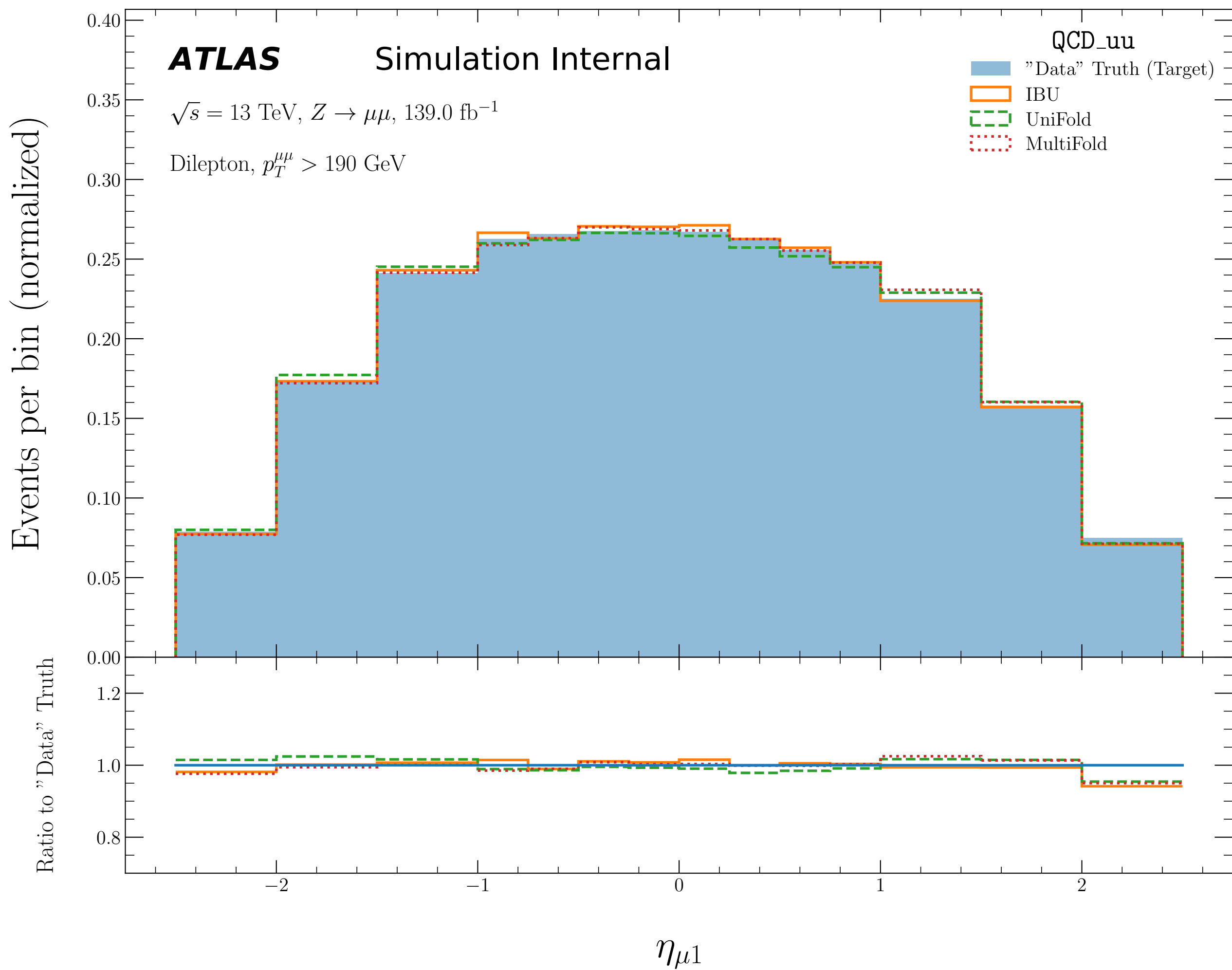


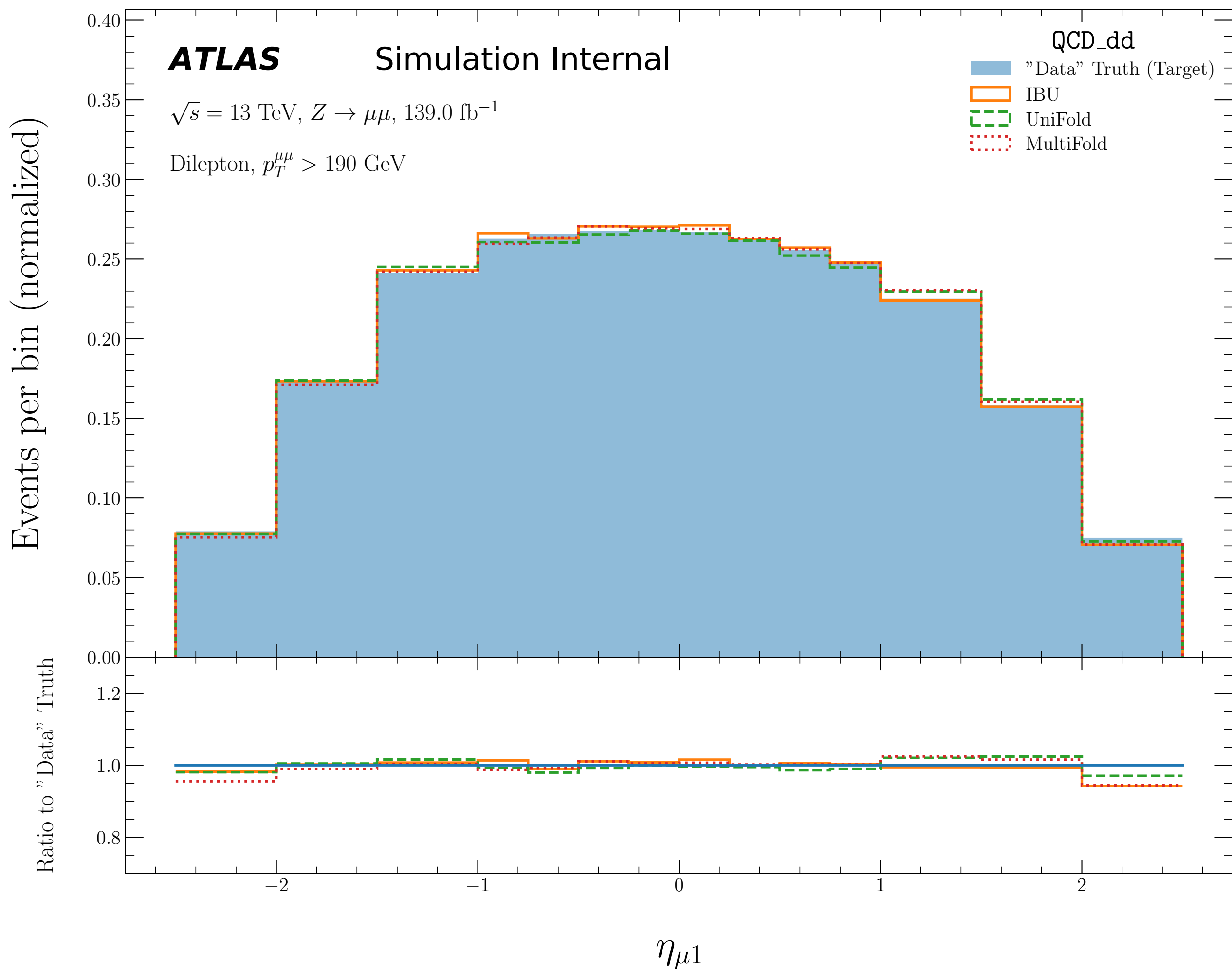


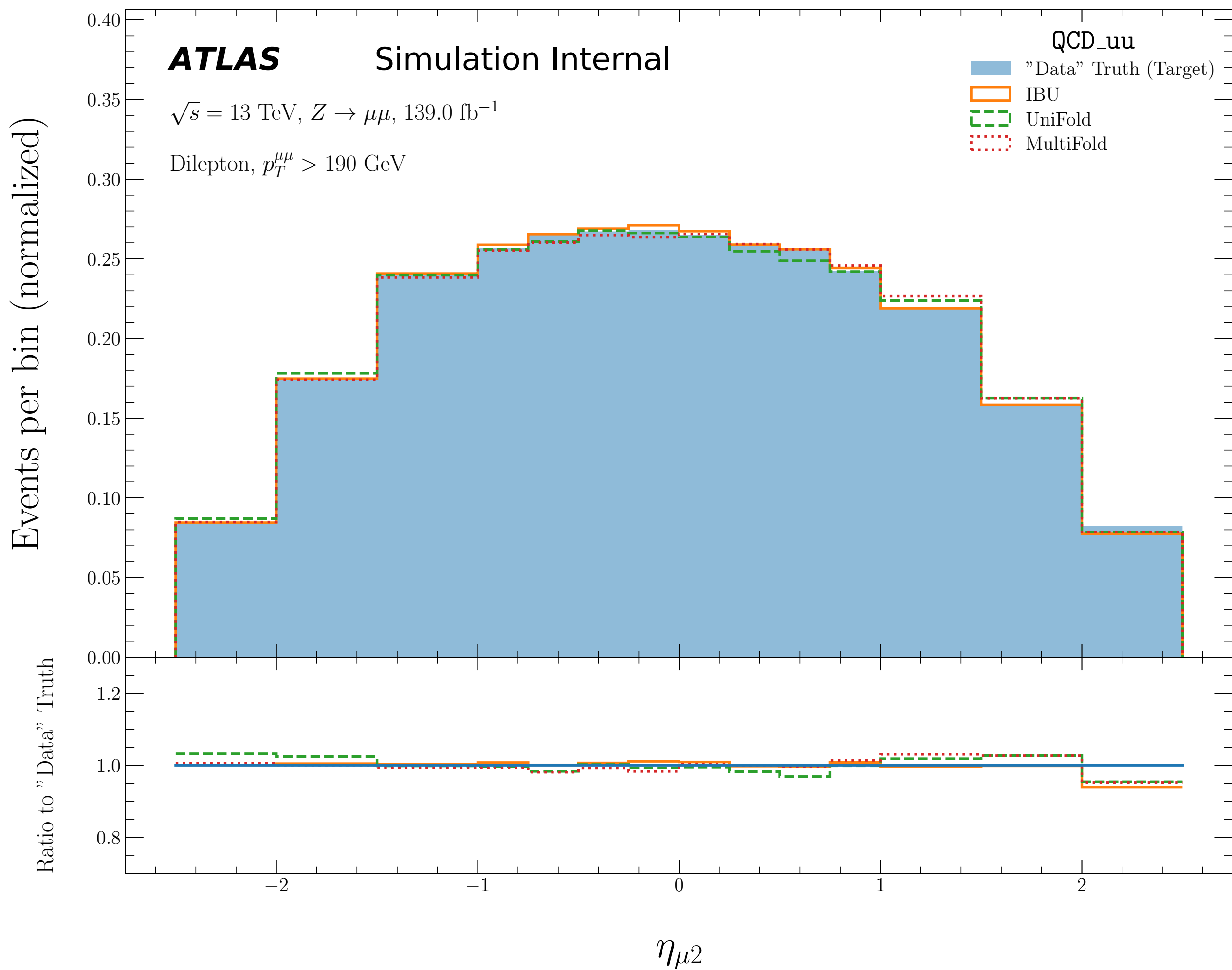


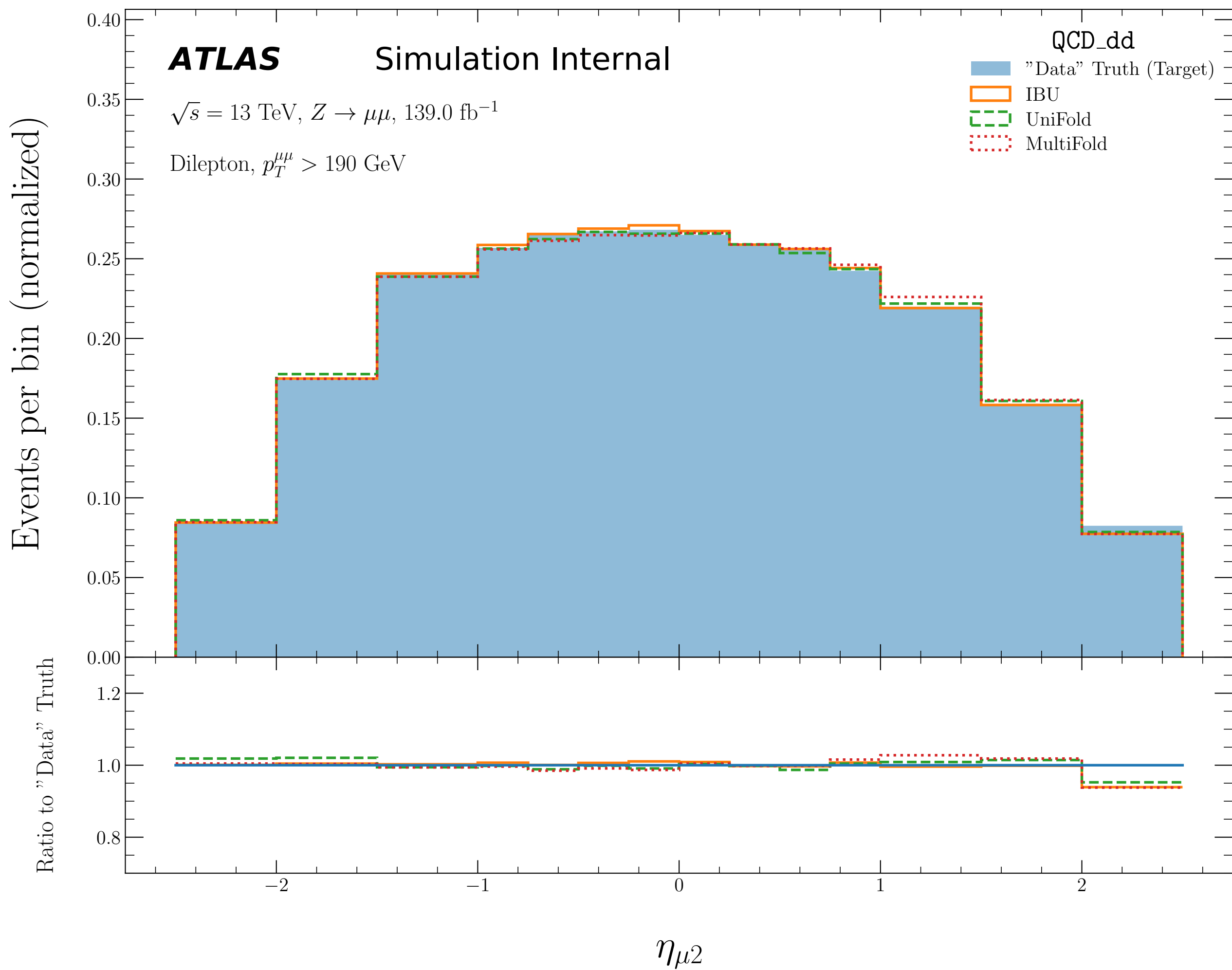












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Simulation Internal

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Dilepton,  $p_T^{\mu\mu} > 190 \text{ GeV}$

QCD\_uu

- "Data" Truth (Target)
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0.20

0.15

0.10

0.05

0.00

Ratio to "Data" Truth

1.2

1.0

0.8

-3

-2

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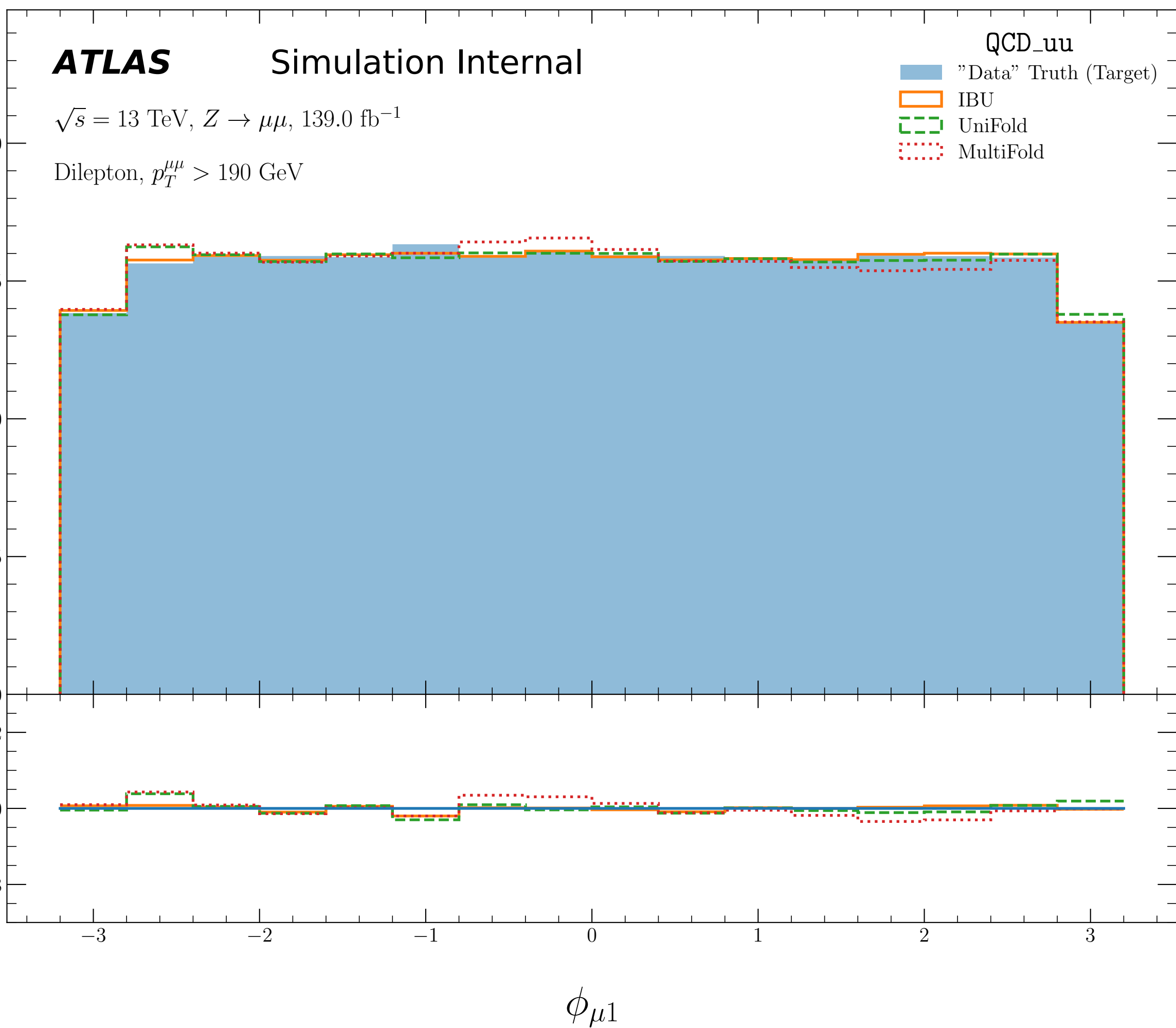
0

1

2

3

$\phi_{\mu 1}$



Events per bin (normalized)

**ATLAS**

Simulation Internal

$\sqrt{s} = 13 \text{ TeV}, Z \rightarrow \mu\mu, 139.0 \text{ fb}^{-1}$

Dilepton,  $p_T^{\mu\mu} > 190 \text{ GeV}$

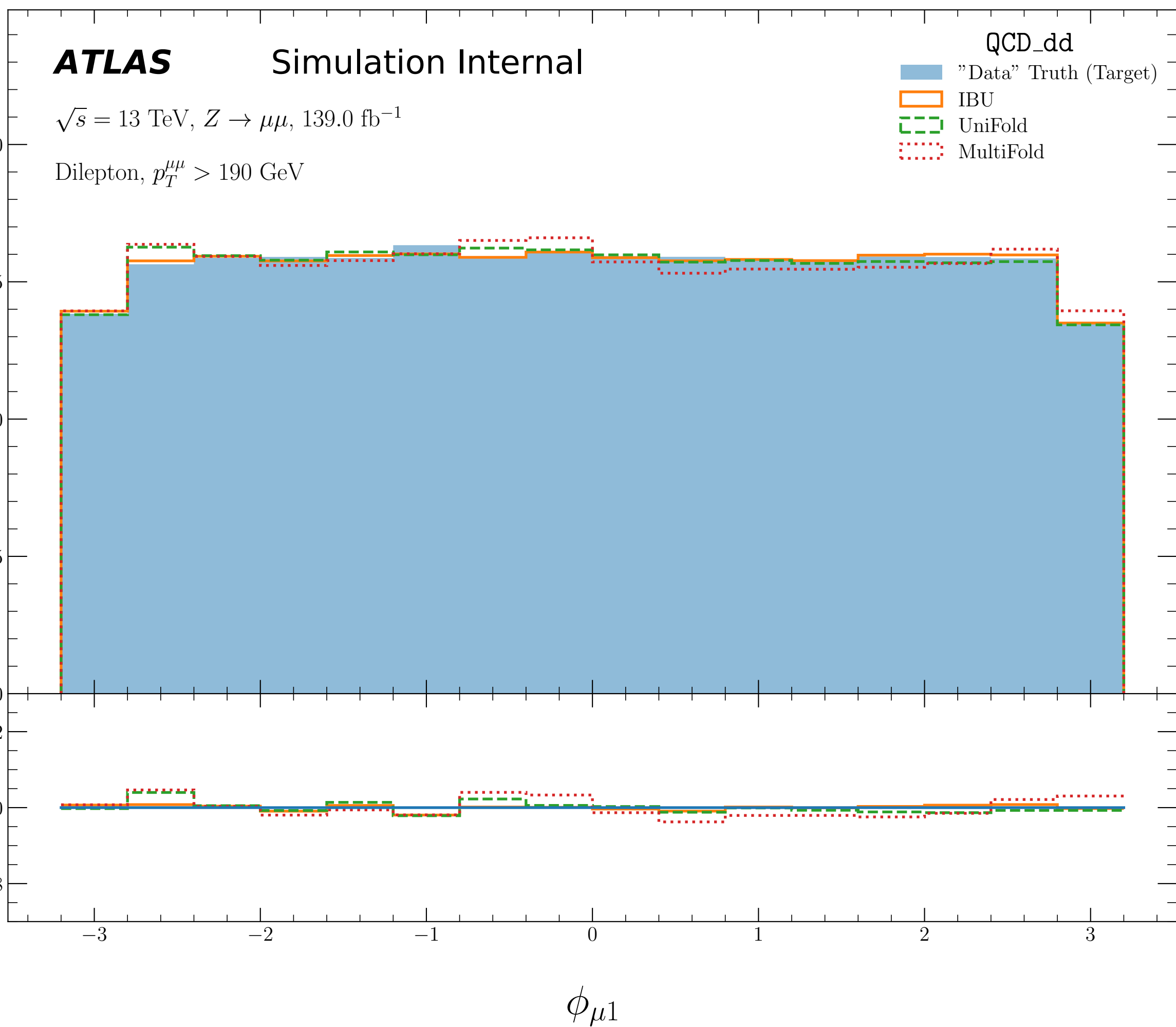
QCD\_dd

- "Data" Truth (Target)
- IBU
- UniFold
- MultiFold

0.20  
0.15  
0.10  
0.05  
0.00  
1.2  
1.0  
0.8

Ratio to "Data" Truth

$\phi_{\mu 1}$



Events per bin (normalized)

**ATLAS**

Simulation Internal

$\sqrt{s} = 13 \text{ TeV}, Z \rightarrow \mu\mu, 139.0 \text{ fb}^{-1}$

Dilepton,  $p_T^{\mu\mu} > 190 \text{ GeV}$

QCD\_uu

- "Data" Truth (Target)
- IBU
- UniFold
- MultiFold

0.20

0.15

0.10

0.05

0.00

Ratio to "Data" Truth

1.2

1.0

0.8

-3

-2

-1

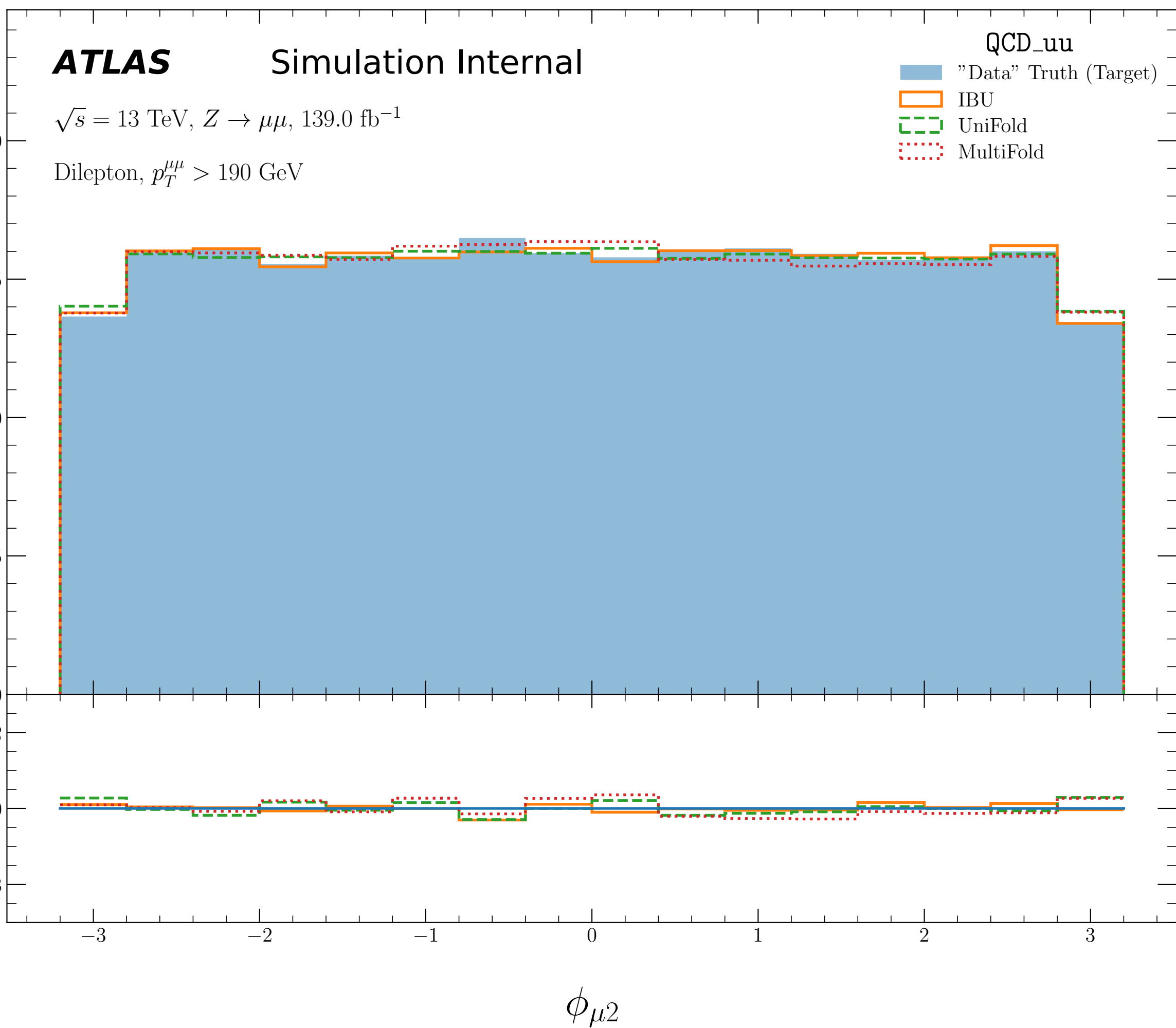
0

1

2

3

$\phi_{\mu 2}$



Events per bin (normalized)

**ATLAS**

Simulation Internal

$\sqrt{s} = 13 \text{ TeV}, Z \rightarrow \mu\mu, 139.0 \text{ fb}^{-1}$

Dilepton,  $p_T^{\mu\mu} > 190 \text{ GeV}$

QCD\_dd

- "Data" Truth (Target)
- IBU
- UniFold
- MultiFold

0.20

0.15

0.10

0.05

0.00

Ratio to "Data" Truth

1.2

1.0

0.8

-3

-2

-1

0

1

2

3

$\phi_{\mu 2}$

