

Events per bin (normalized)

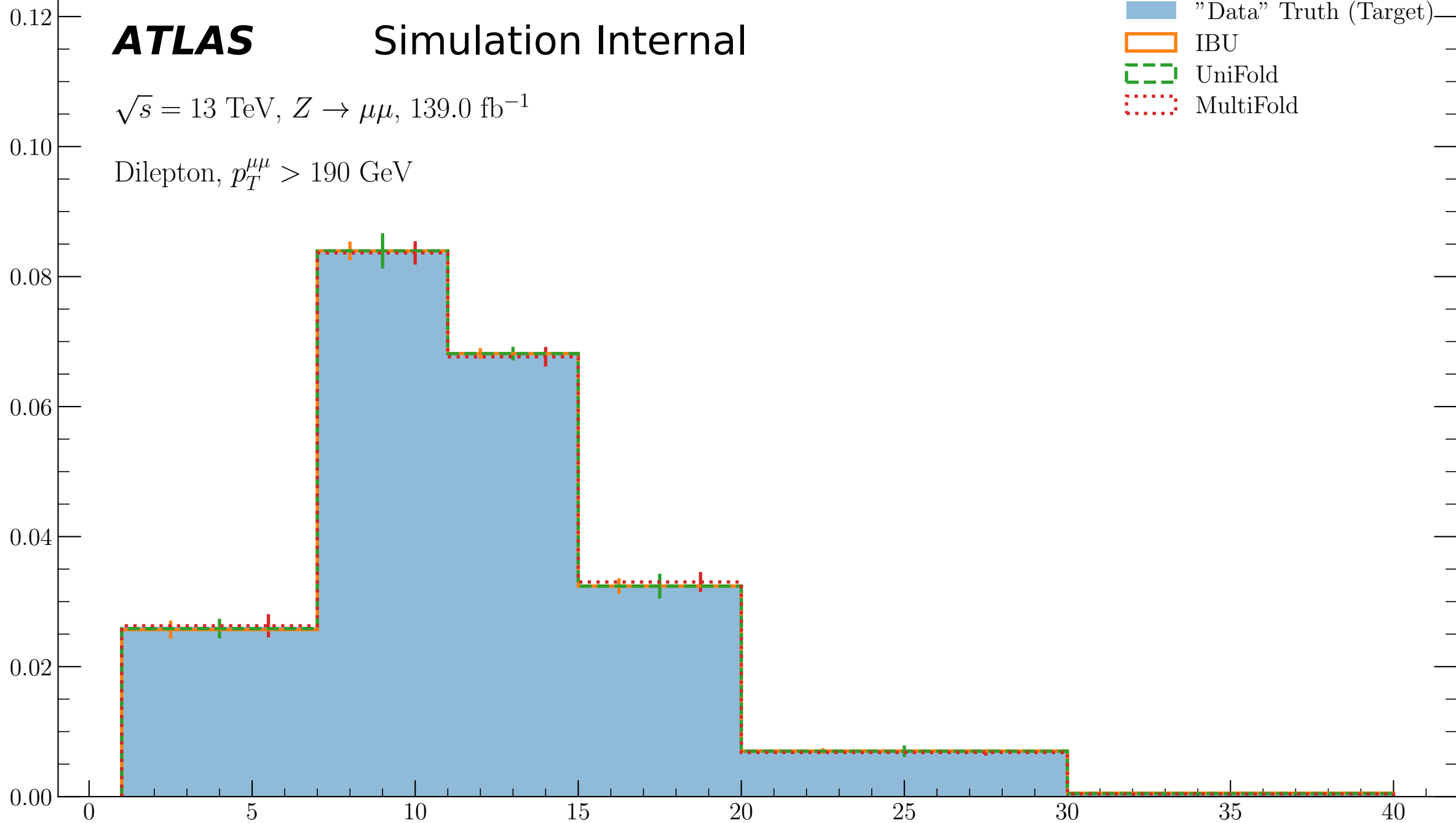
ATLAS

Simulation Internal

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

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

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



Leading track jet n_{ch}

Events per bin (normalized)

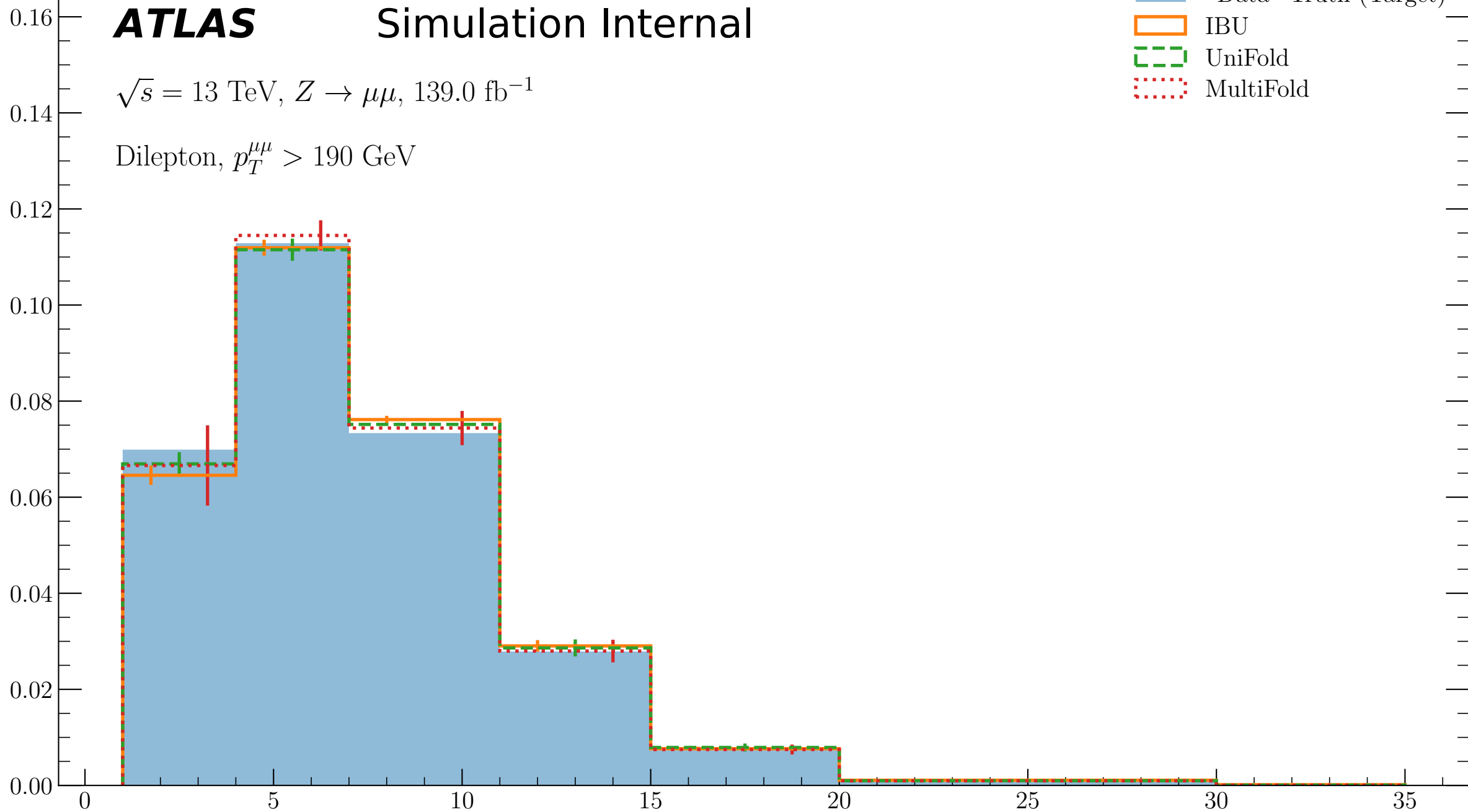
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Subleading track jet n_{ch}

Events per bin (normalized)

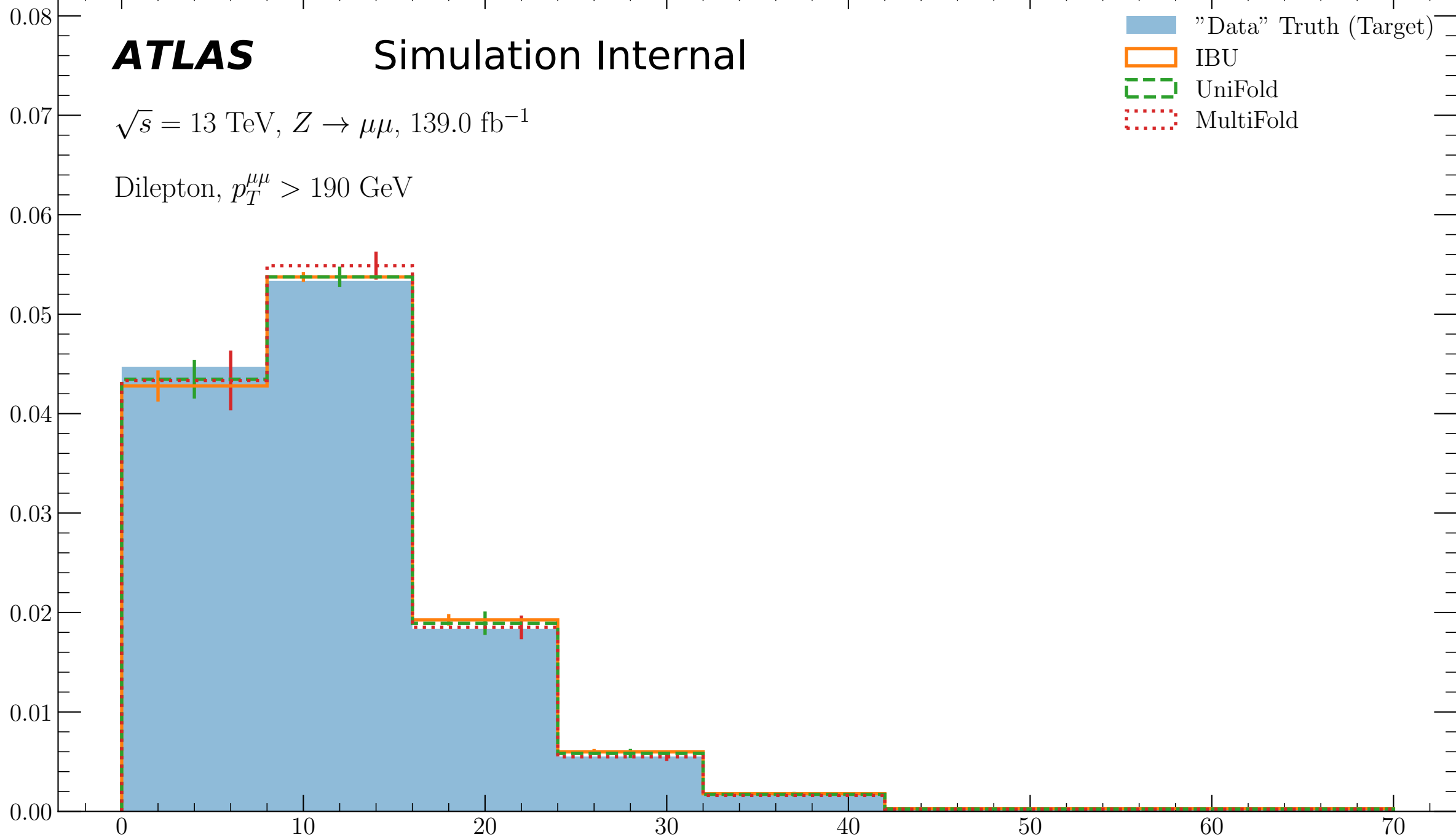
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Leading track jet m [GeV]

Events per bin (normalized)

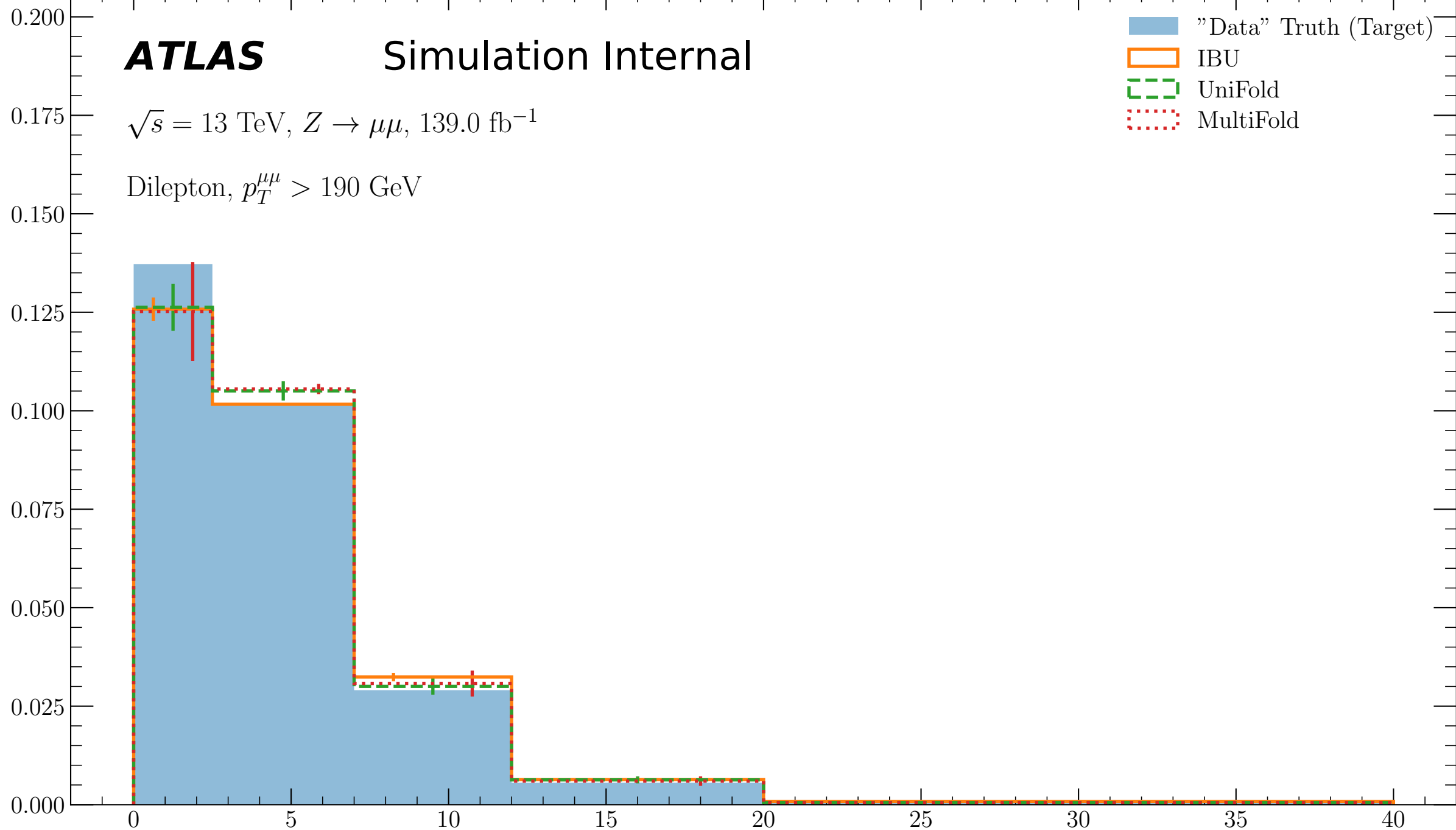
ATLAS

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

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Subleading track jet m [GeV]

Events per bin (normalized)

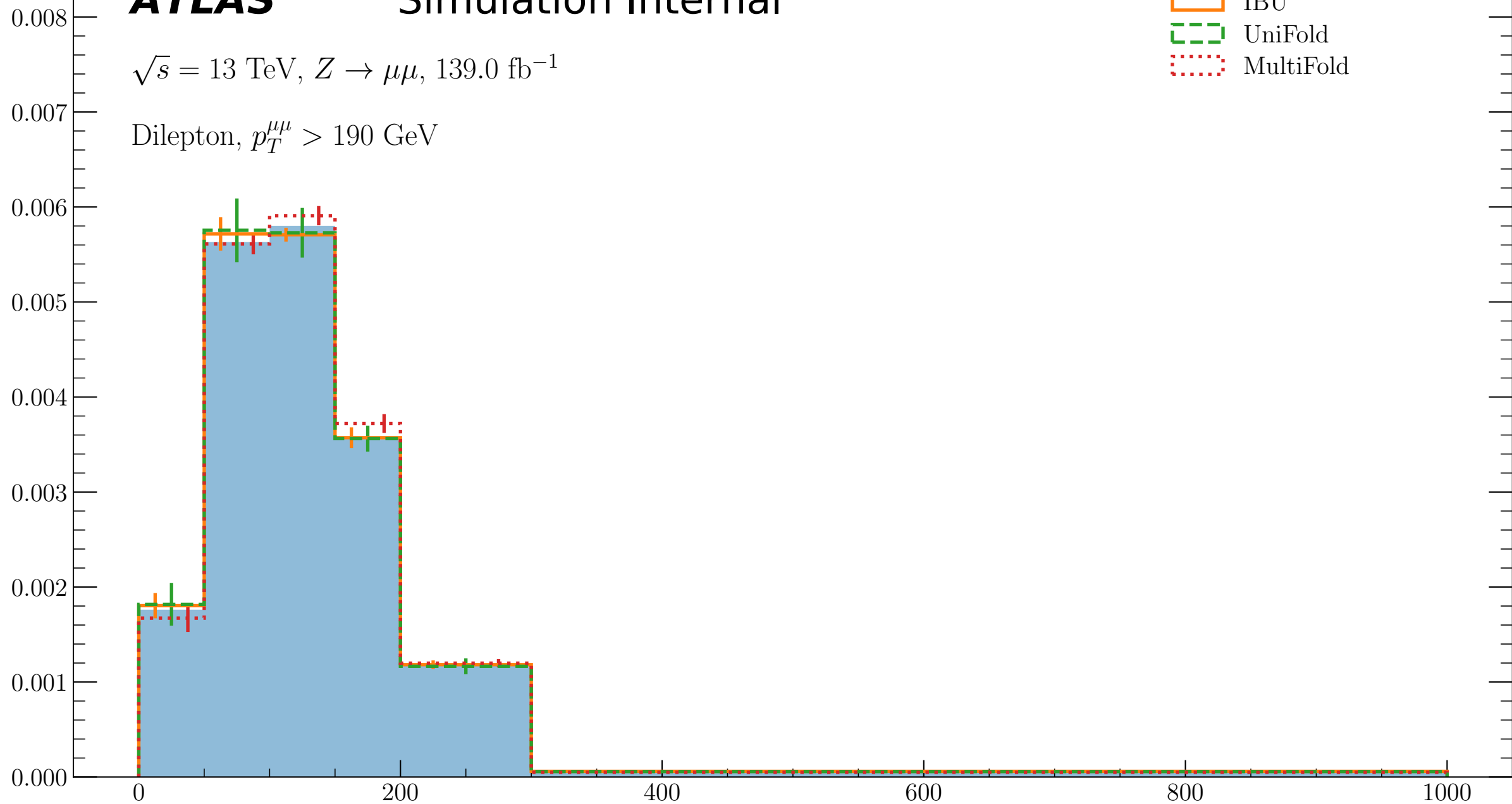
ATLAS

Simulation Internal

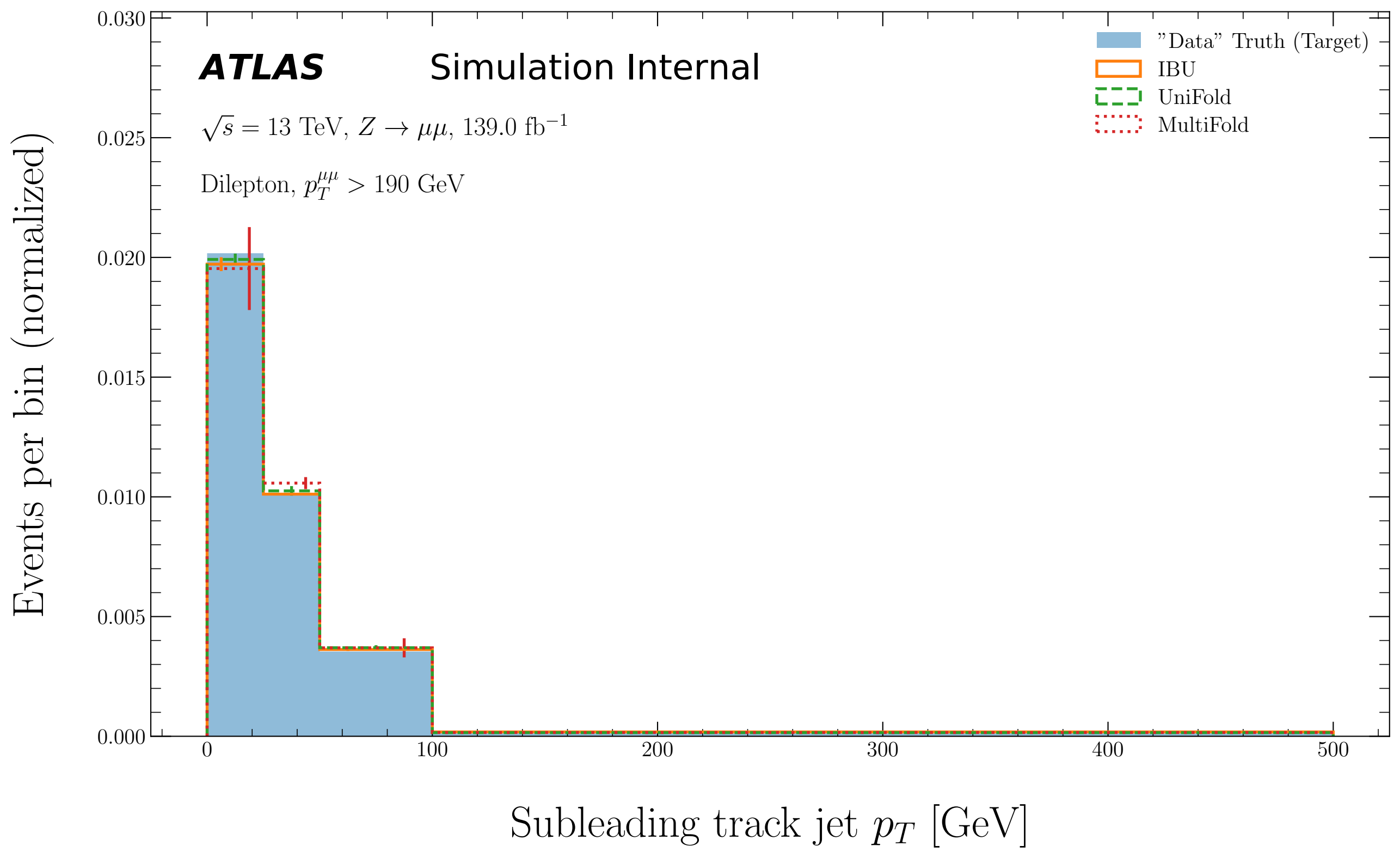
$\sqrt{s} = 13 \text{ TeV}, Z \rightarrow \mu\mu, 139.0 \text{ fb}^{-1}$

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

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Leading track jet p_T [GeV]



Events per bin (normalized)

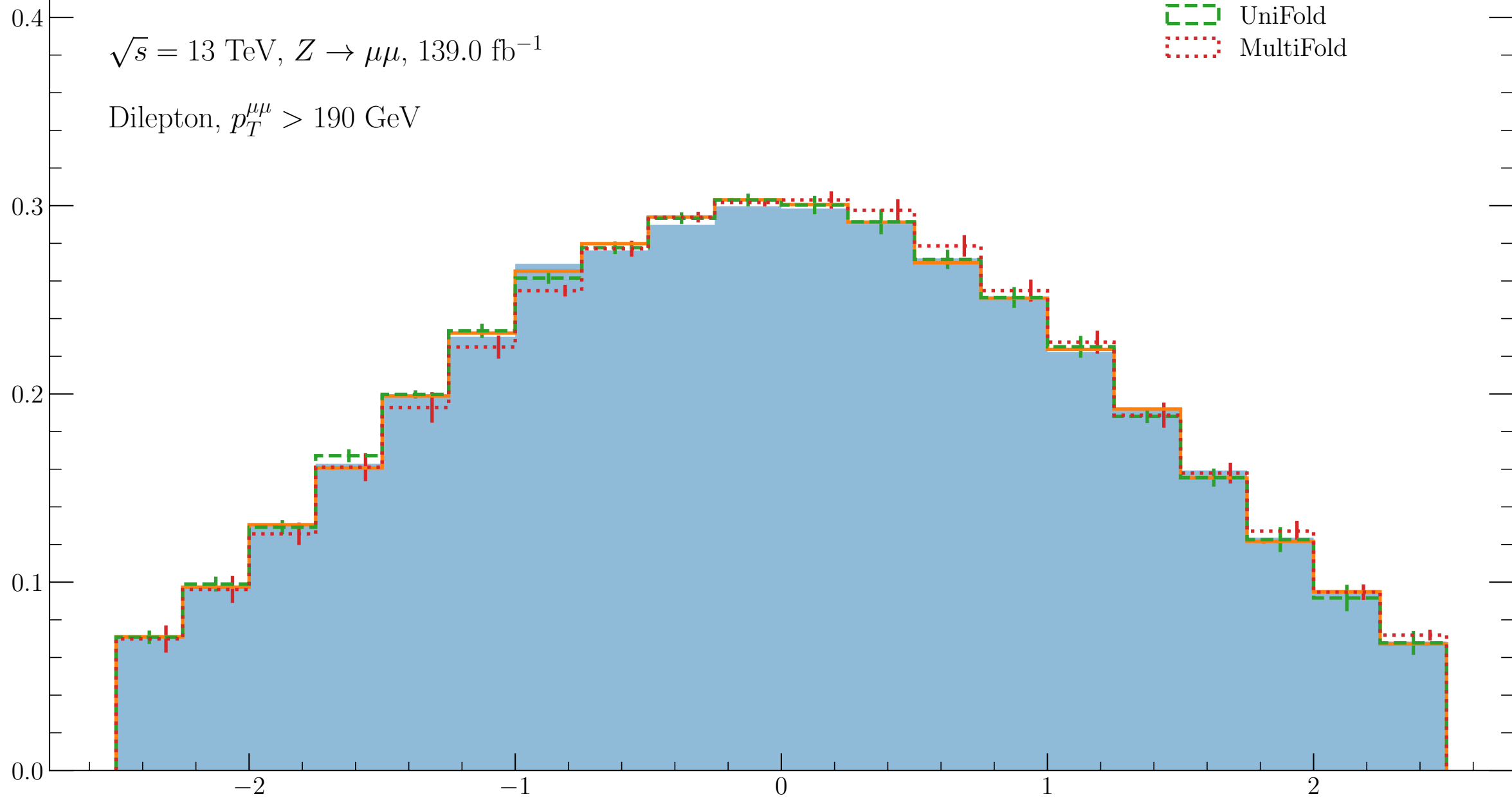
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Leading track jet y

Events per bin (normalized)

ATLAS

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

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- UniFold
- MultiFold

0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00

-2

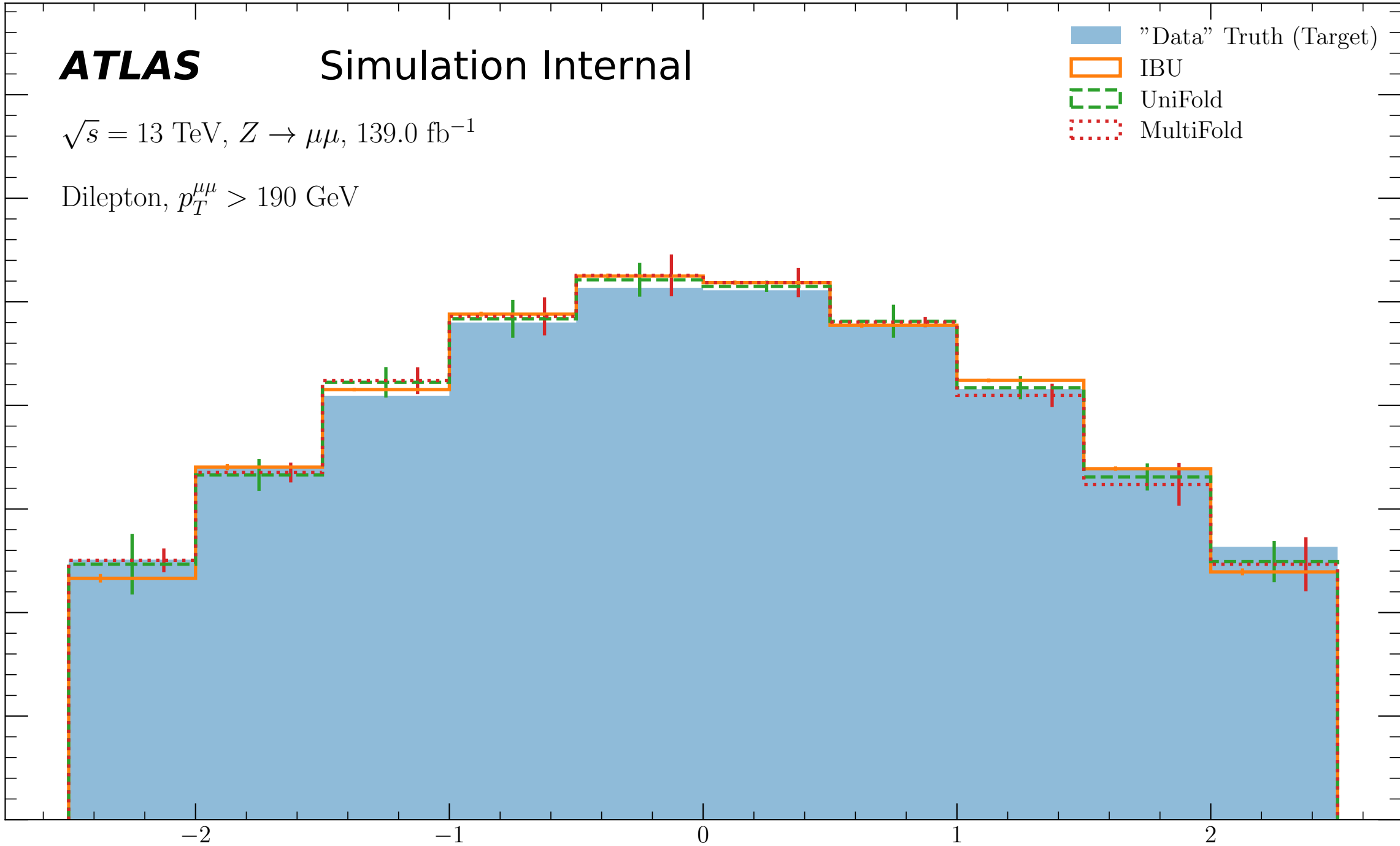
-1

0

1

2

Subleading track jet y



Events per bin (normalized)

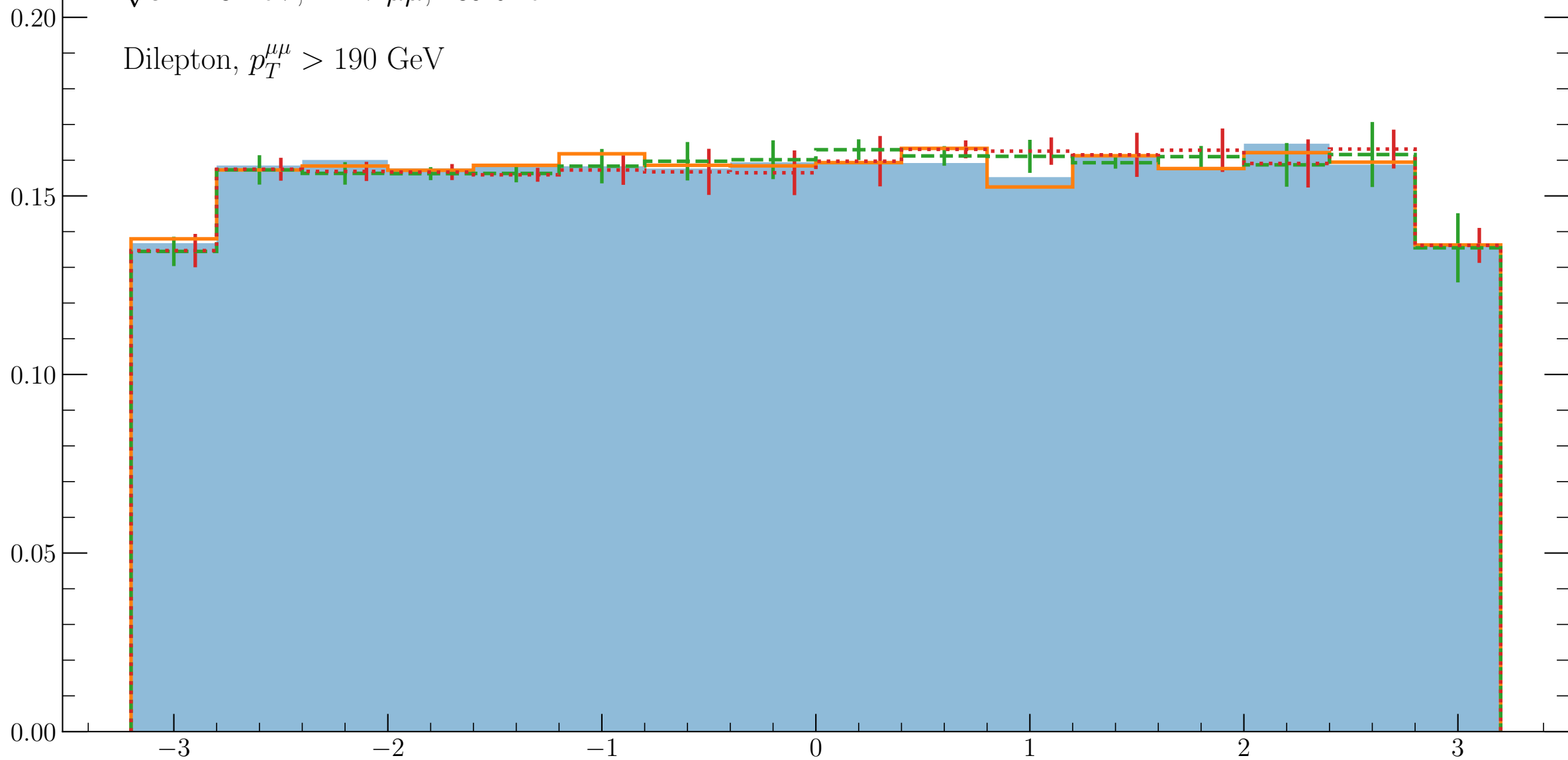
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Simulation Internal

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Leading track jet ϕ

Events per bin (normalized)

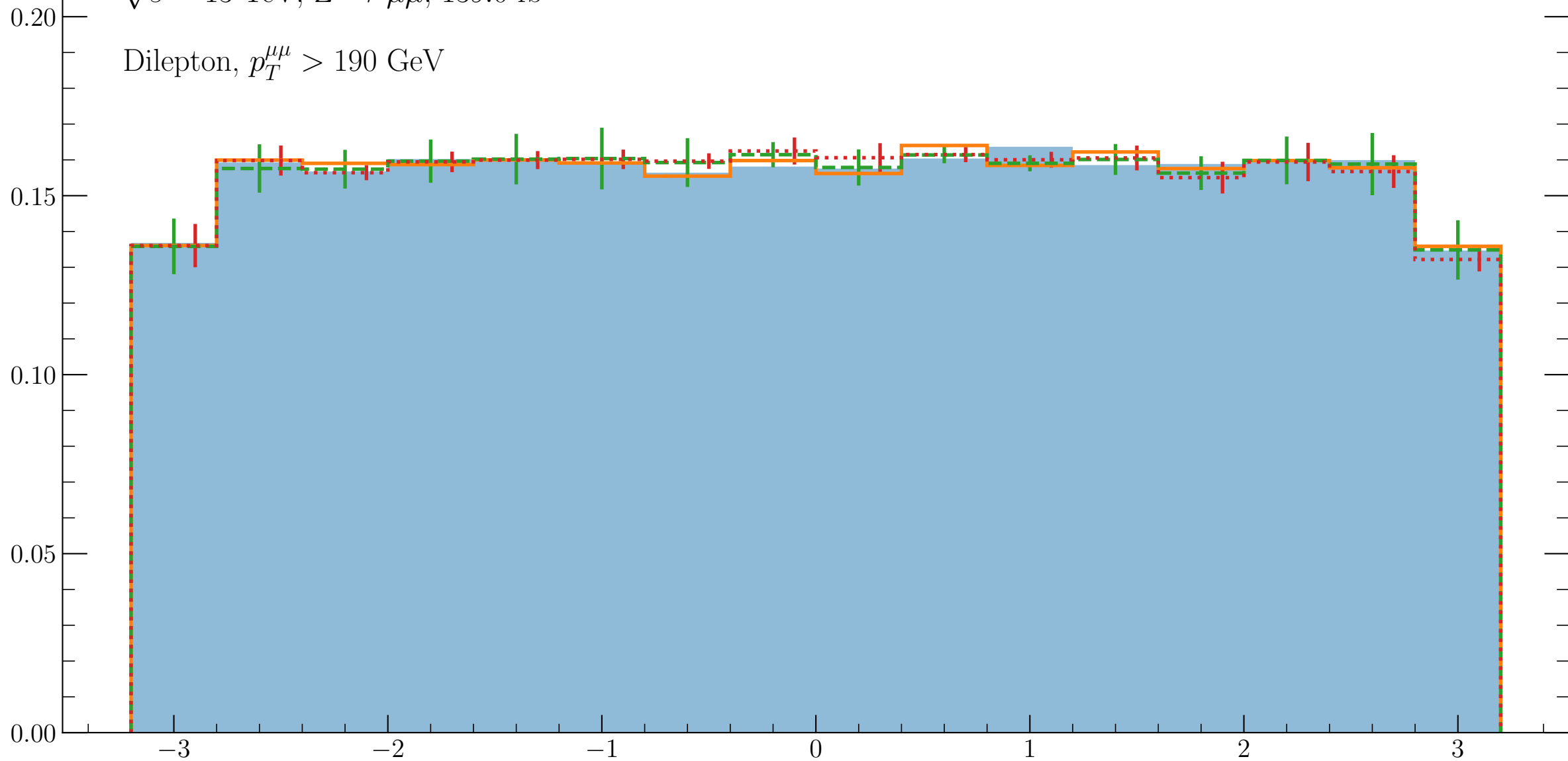
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Simulation Internal

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

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

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Subleading track jet ϕ

Events per bin (normalized)

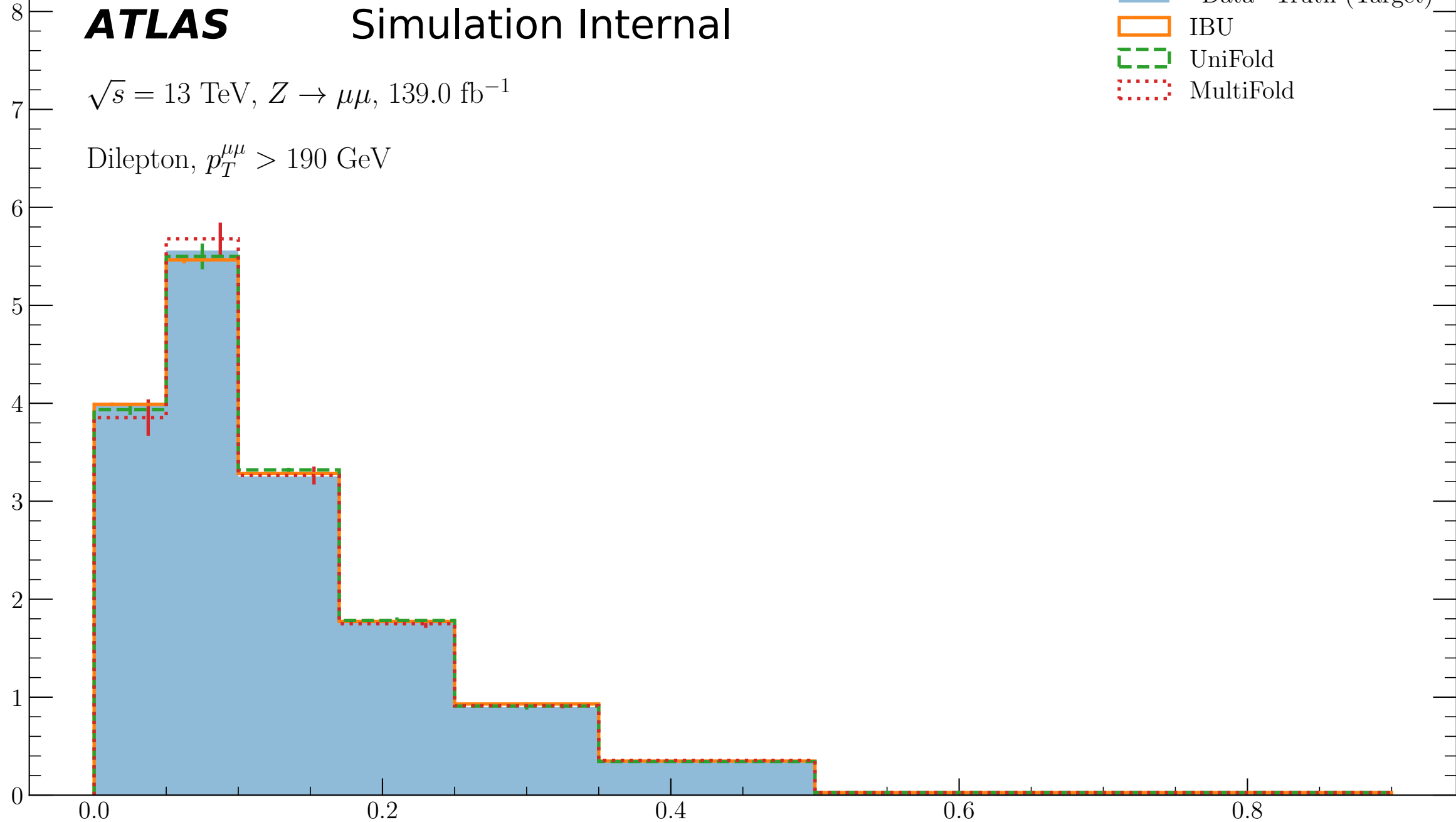
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Leading track jet τ_1

Events per bin (normalized)

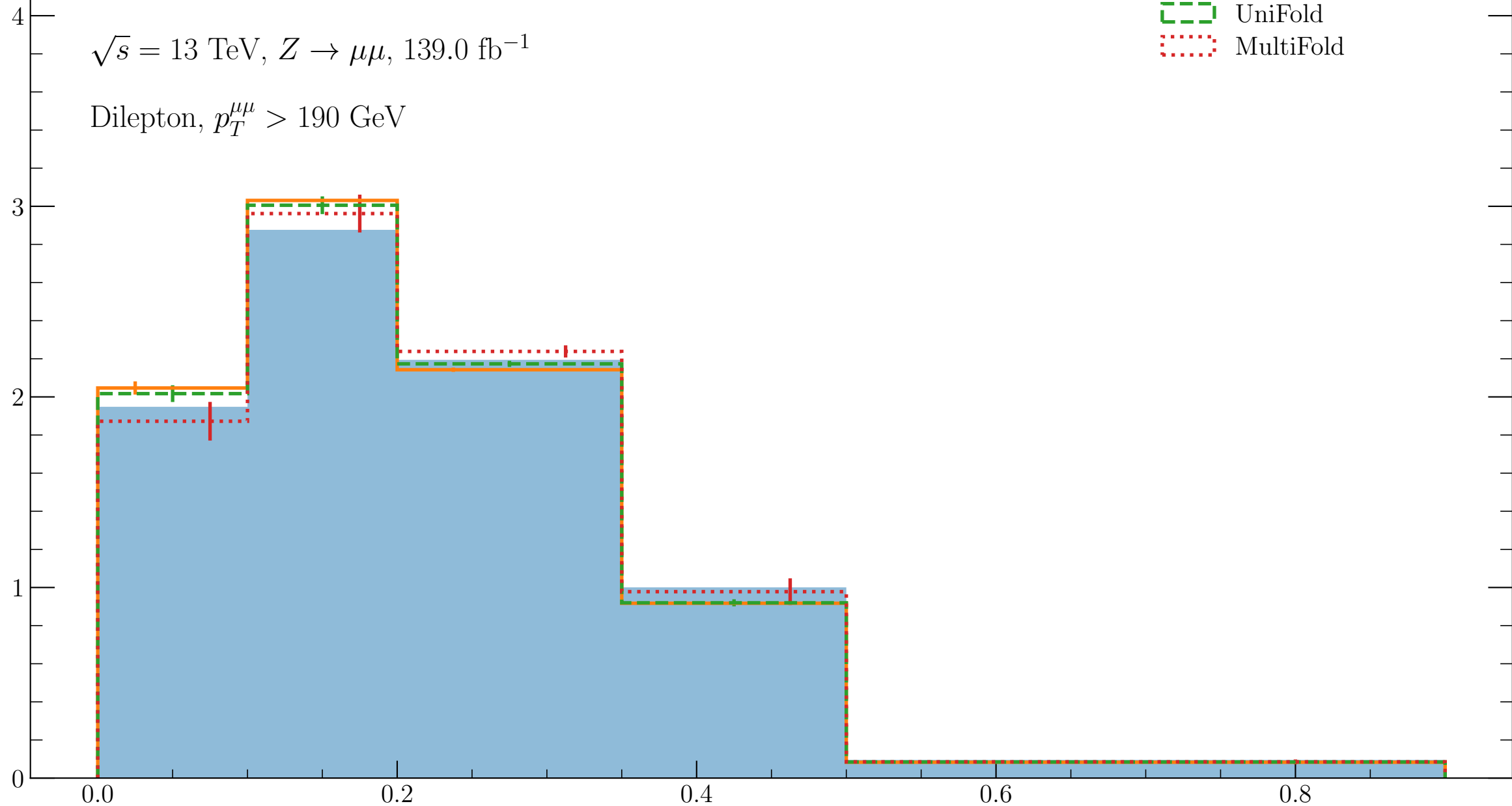
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Subleading track jet τ_1

Events per bin (normalized)

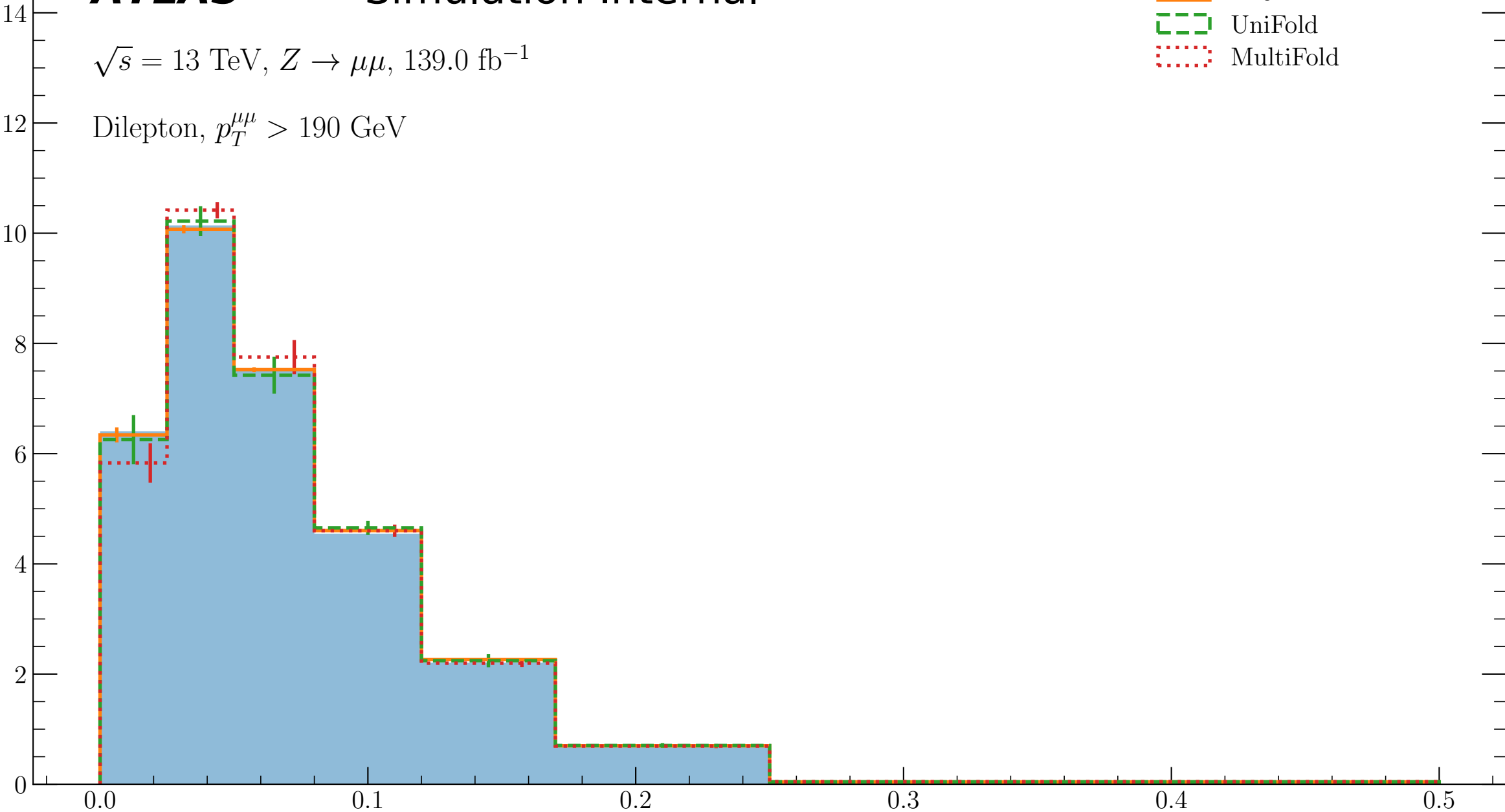
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Dilepton, $p_T^{\mu\mu} > 190 \text{ GeV}$

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Leading track jet τ_2

Events per bin (normalized)

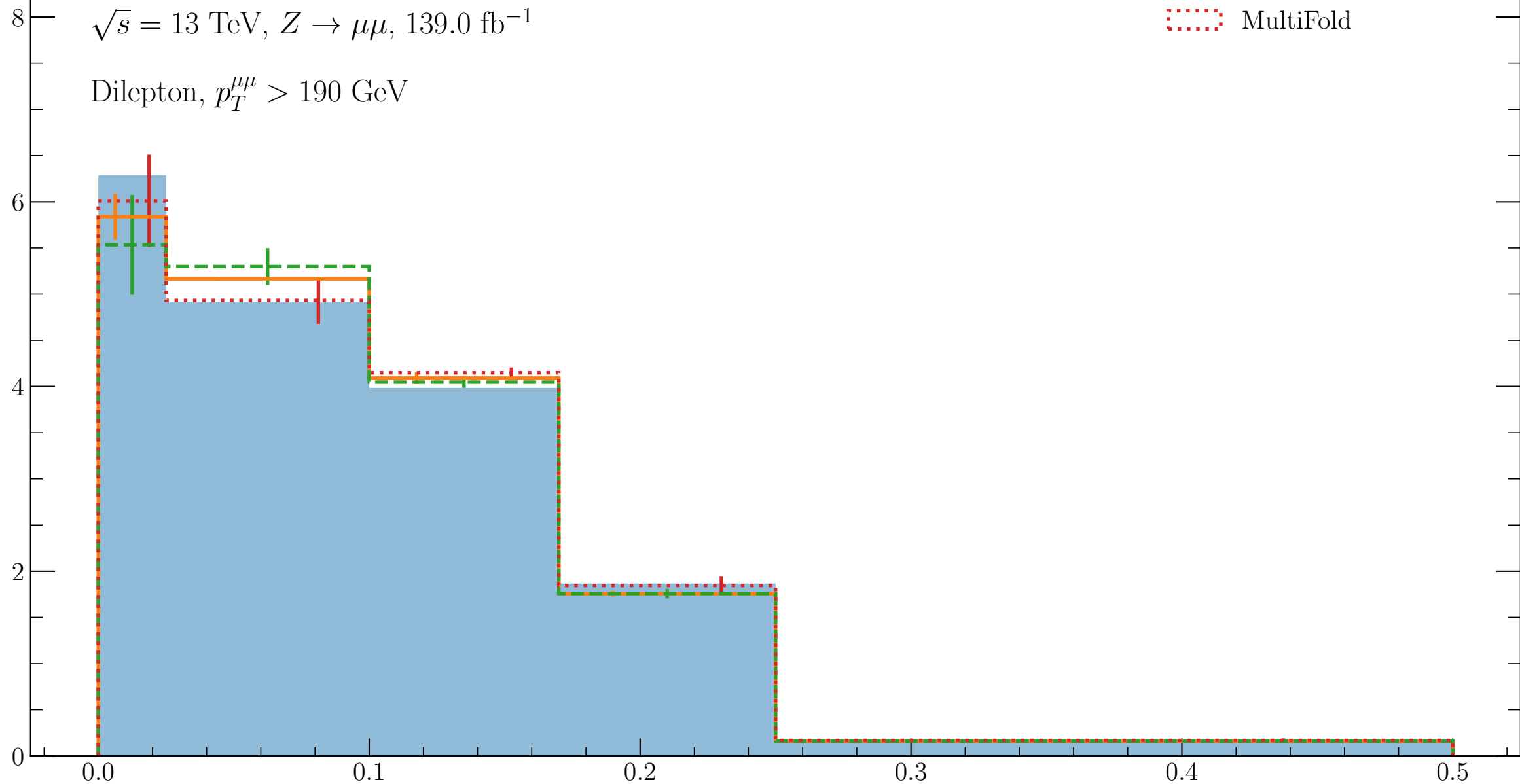
ATLAS

Simulation Internal

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

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

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



Subleading track jet τ_2

Events per bin (normalized)

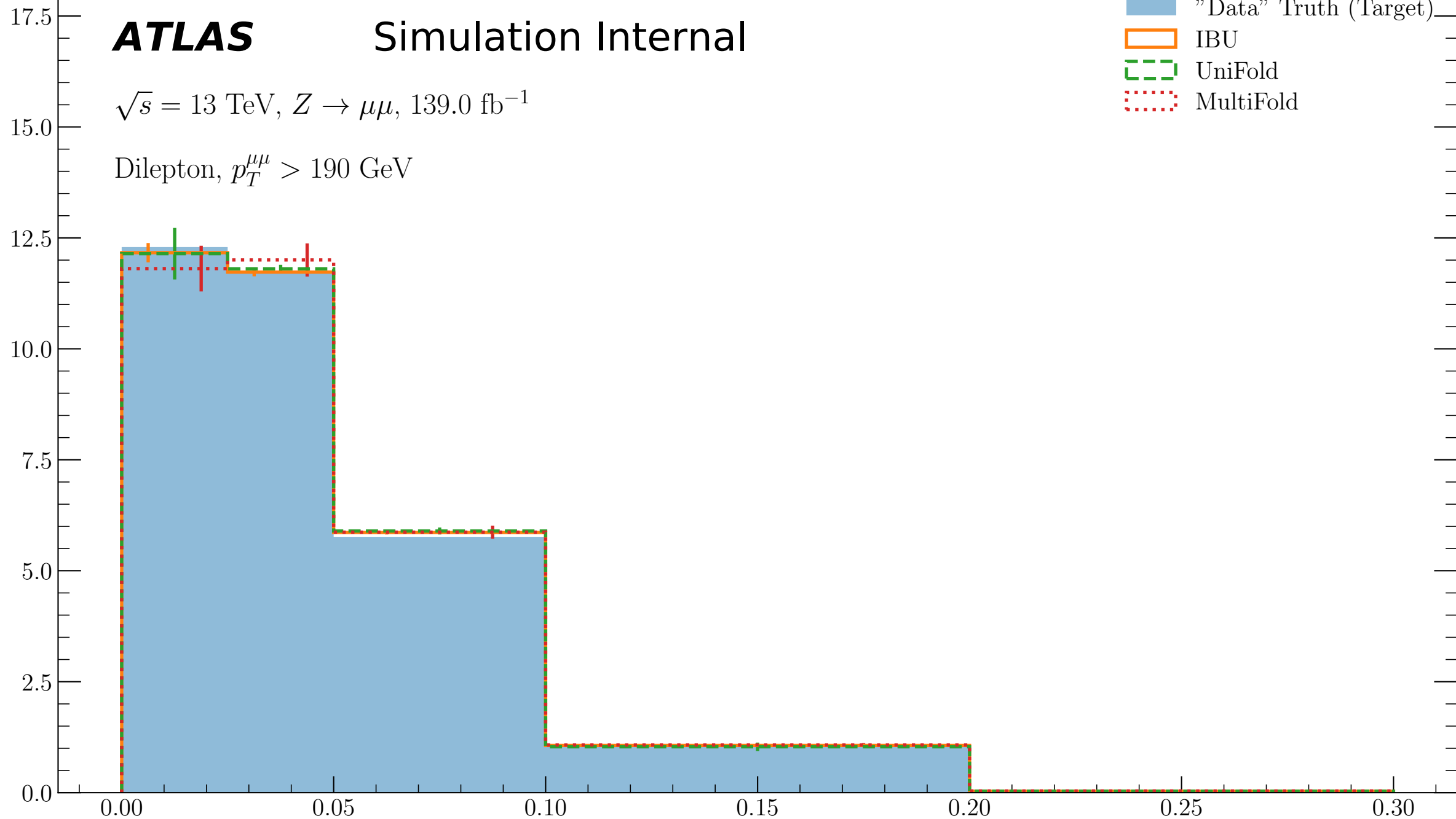
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$\sqrt{s} = 13 \text{ TeV}, Z \rightarrow \mu\mu, 139.0 \text{ fb}^{-1}$

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

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- UniFold
- MultiFold



Leading track jet τ_3

Events per bin (normalized)

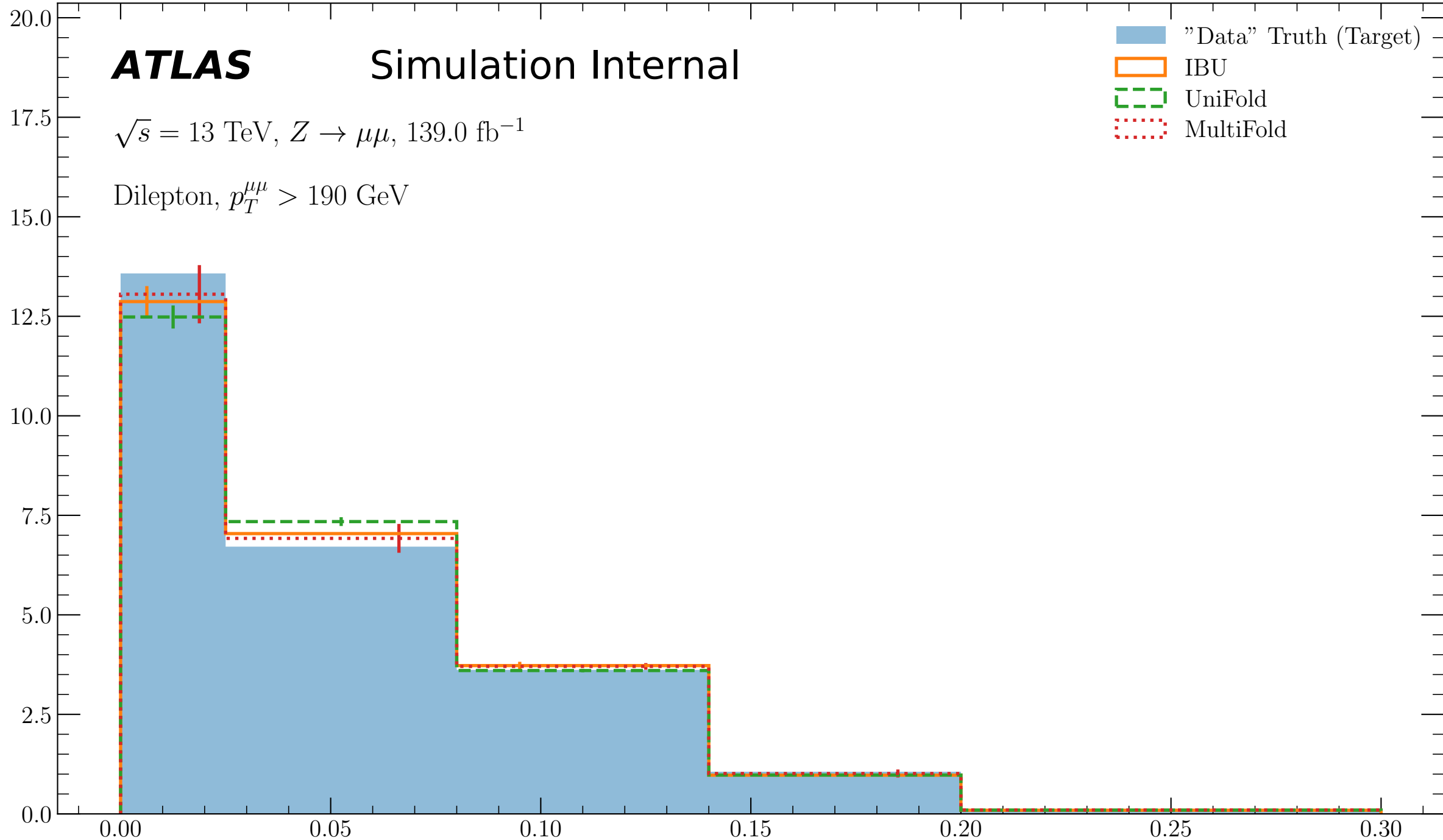
ATLAS

Simulation Internal

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

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

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



Subleading track jet τ_3

Events per bin (normalized)

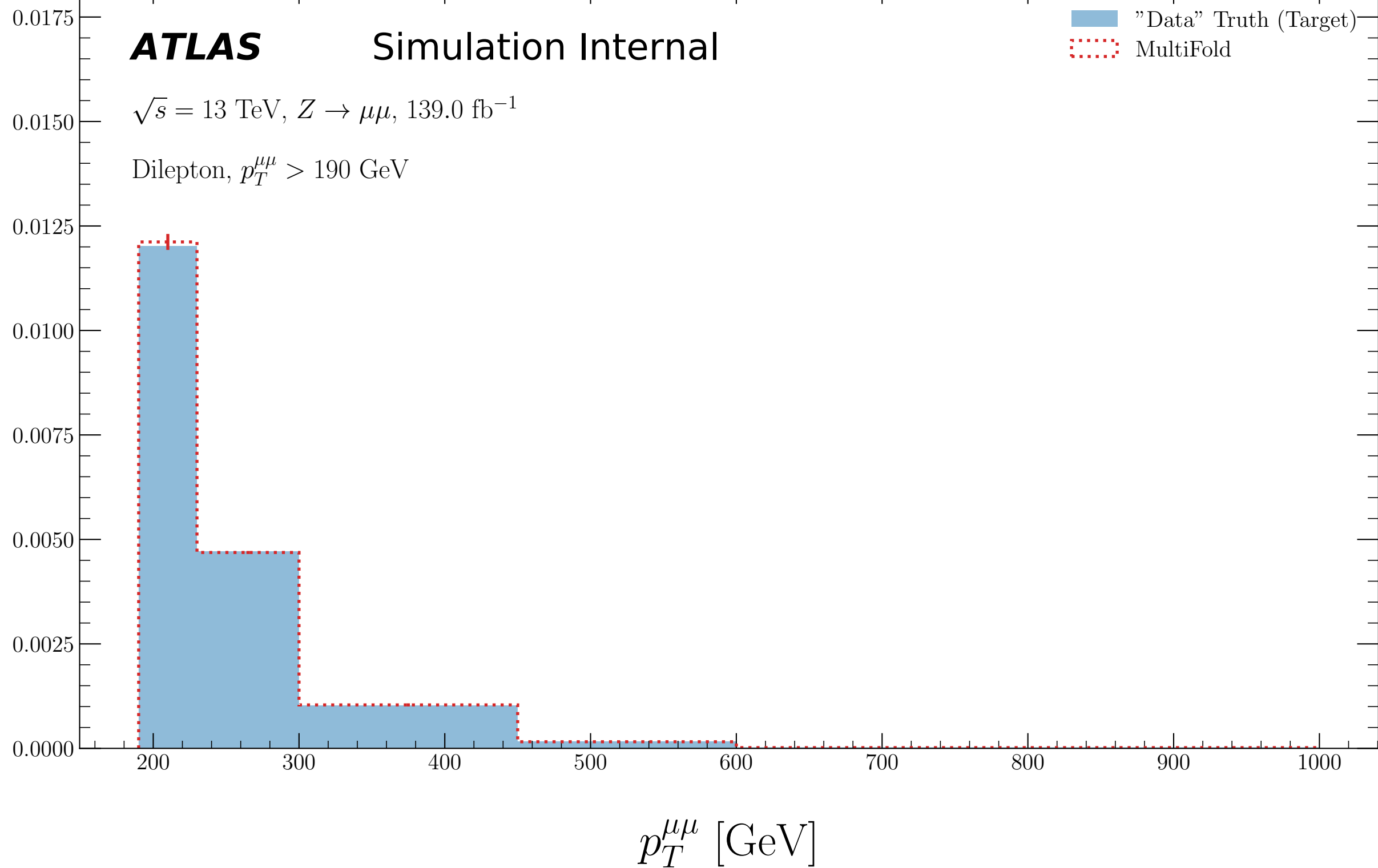
ATLAS

Simulation Internal

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

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

■ "Data" Truth (Target)
▤ MultiFold



Events per bin (normalized)

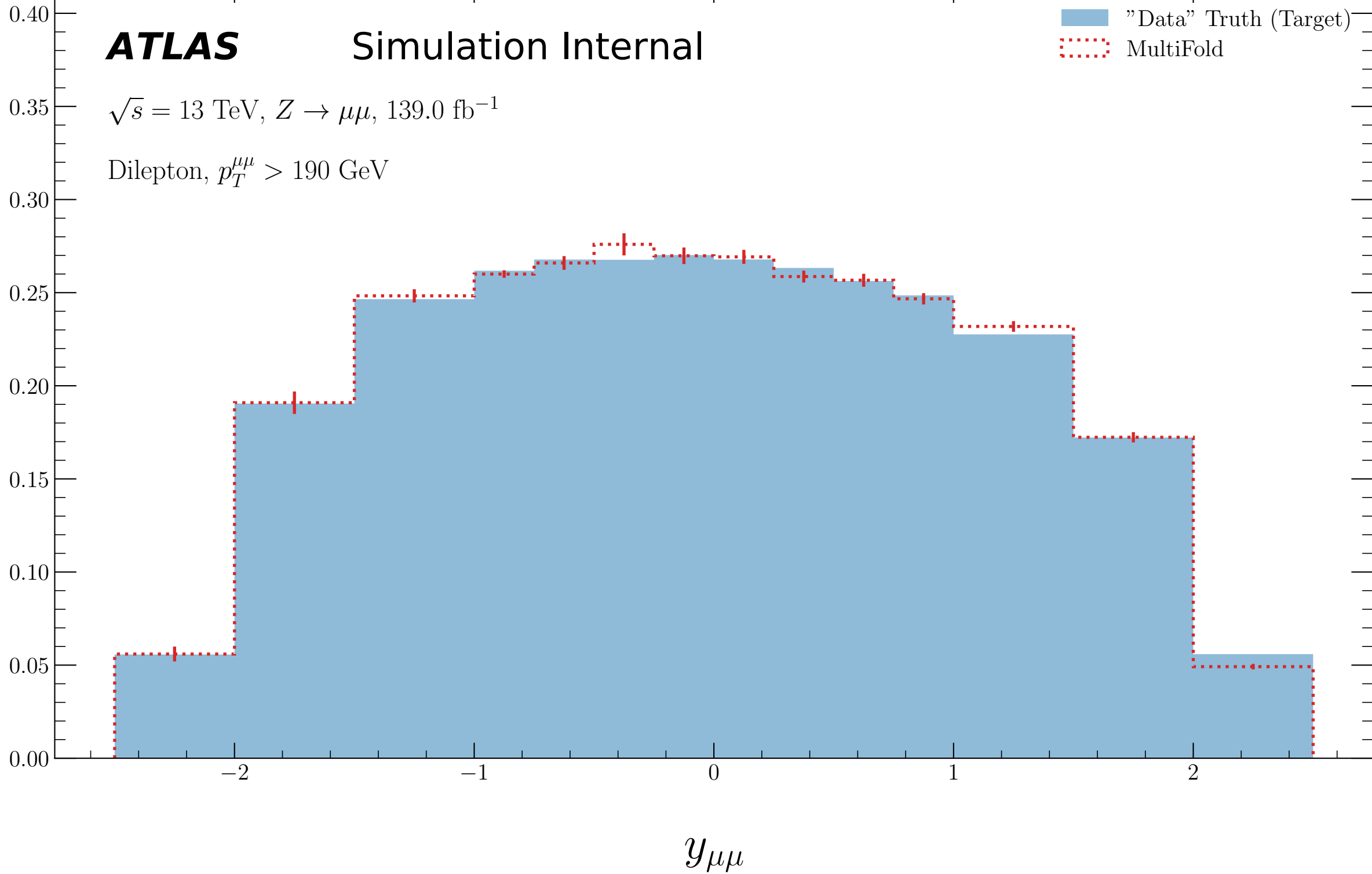
ATLAS

Simulation Internal

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

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

■ "Data" Truth (Target)
⋯ MultiFold



Events per bin (normalized)

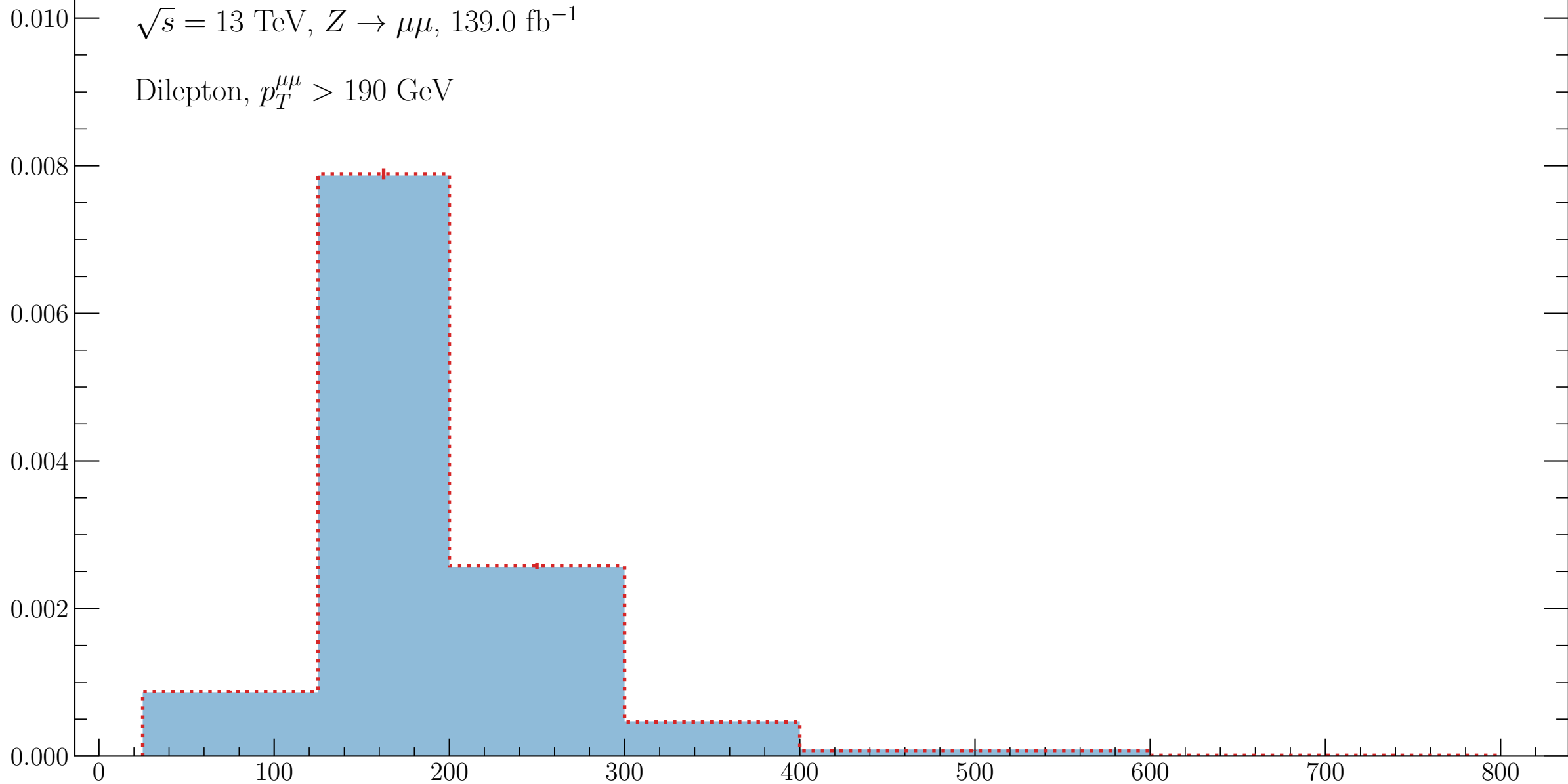
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▤ MultiFold



$p_T^{\mu 1}$ [GeV]

Events per bin (normalized)

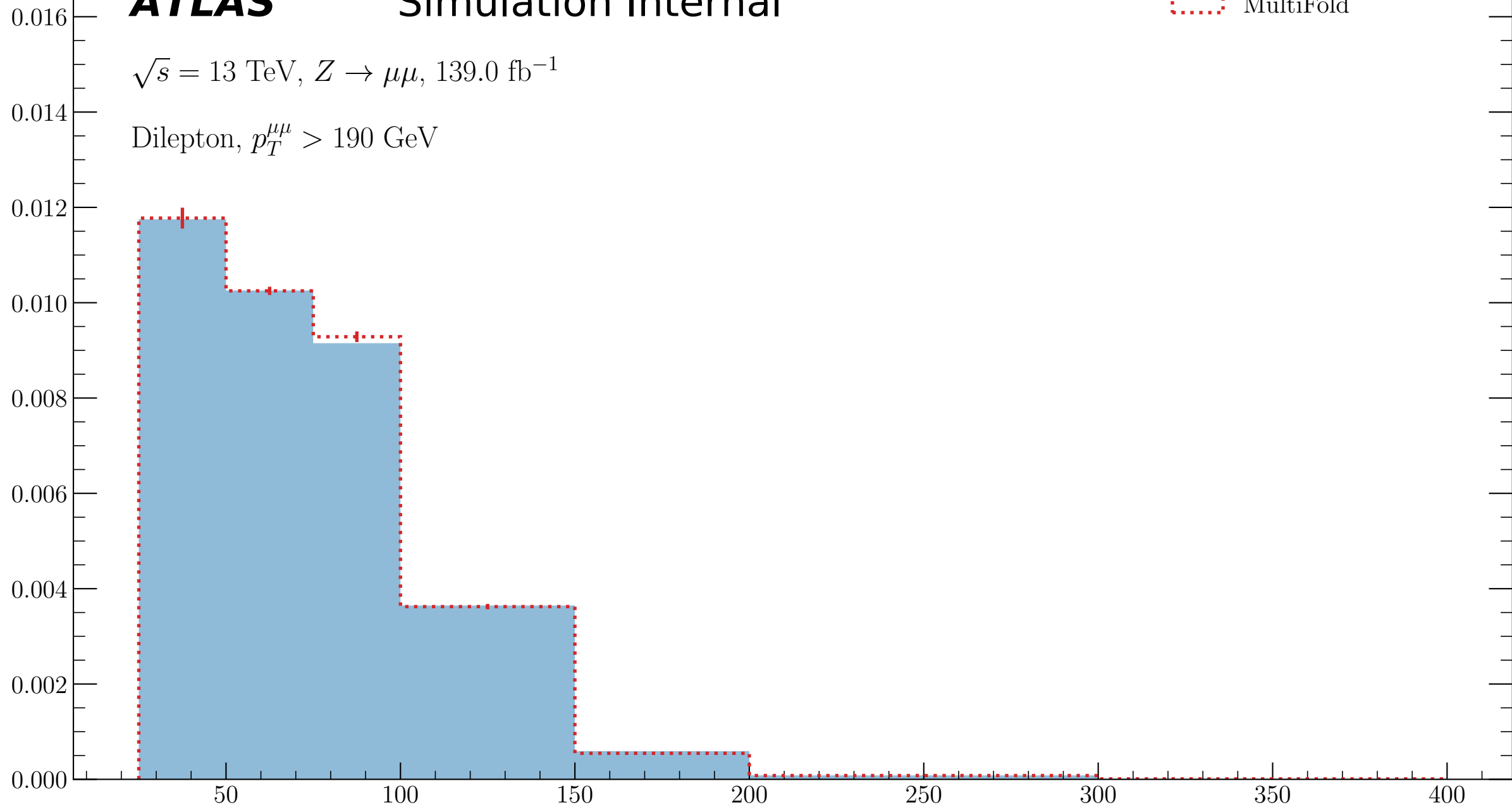
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Dilepton, $p_T^{\mu\mu} > 190 \text{ GeV}$

■ "Data" Truth (Target)
▤ MultiFold



$p_T^{\mu 2}$ [GeV]

Events per bin (normalized)

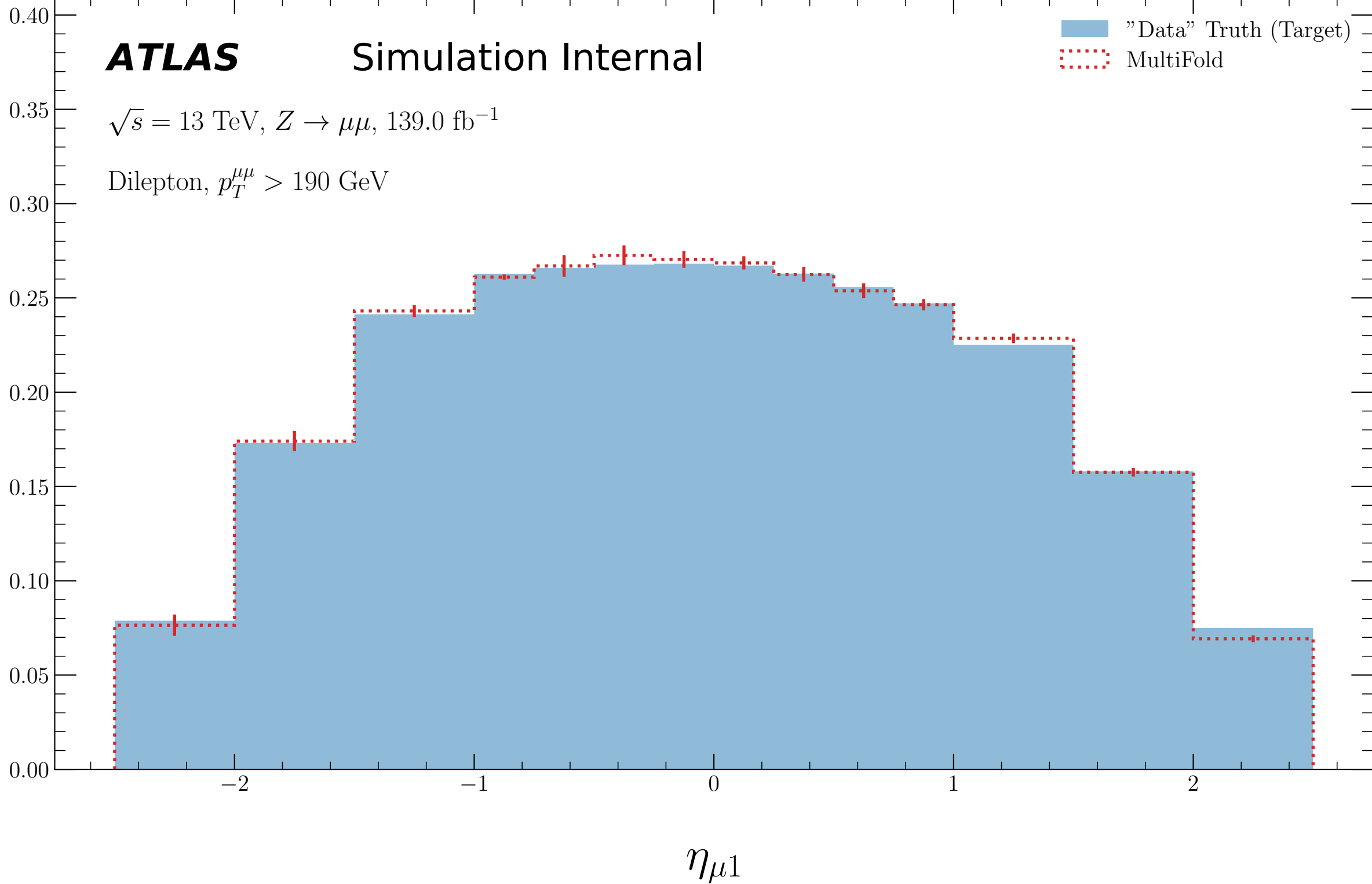
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Dilepton, $p_T^{\mu\mu} > 190 \text{ GeV}$

■ "Data" Truth (Target)
⋯ MultiFold



Events per bin (normalized)

ATLAS

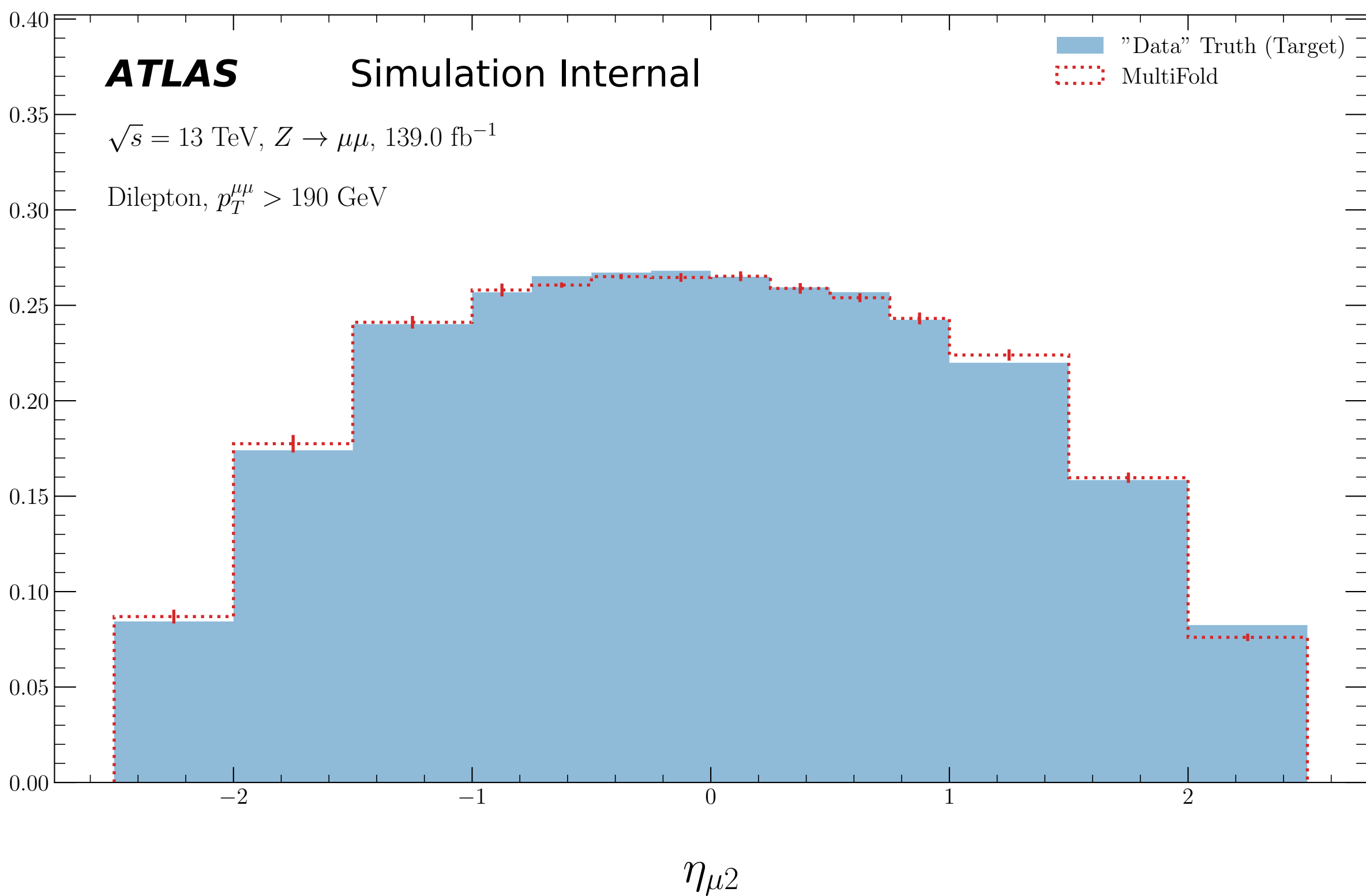
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⋯ MultiFold



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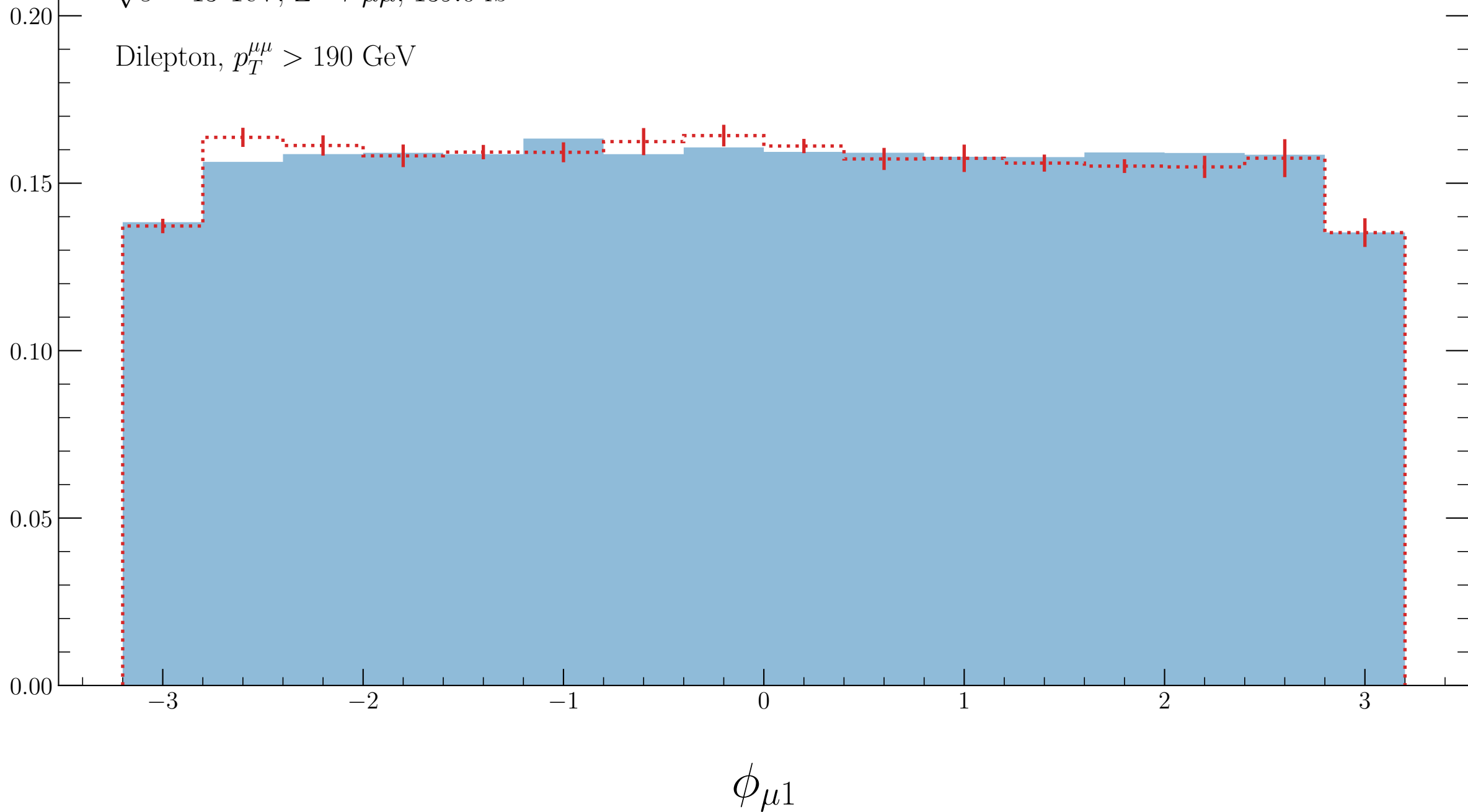
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■ "Data" Truth (Target)
⋯ MultiFold



Events per bin (normalized)

ATLAS

Simulation Internal

■ "Data" Truth (Target)
▬ MultiFold

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0.20
0.15
0.10
0.05
0.00

-3

-2

-1

0

1

2

3

$\phi_{\mu 2}$

