

Events per bin (normalized)

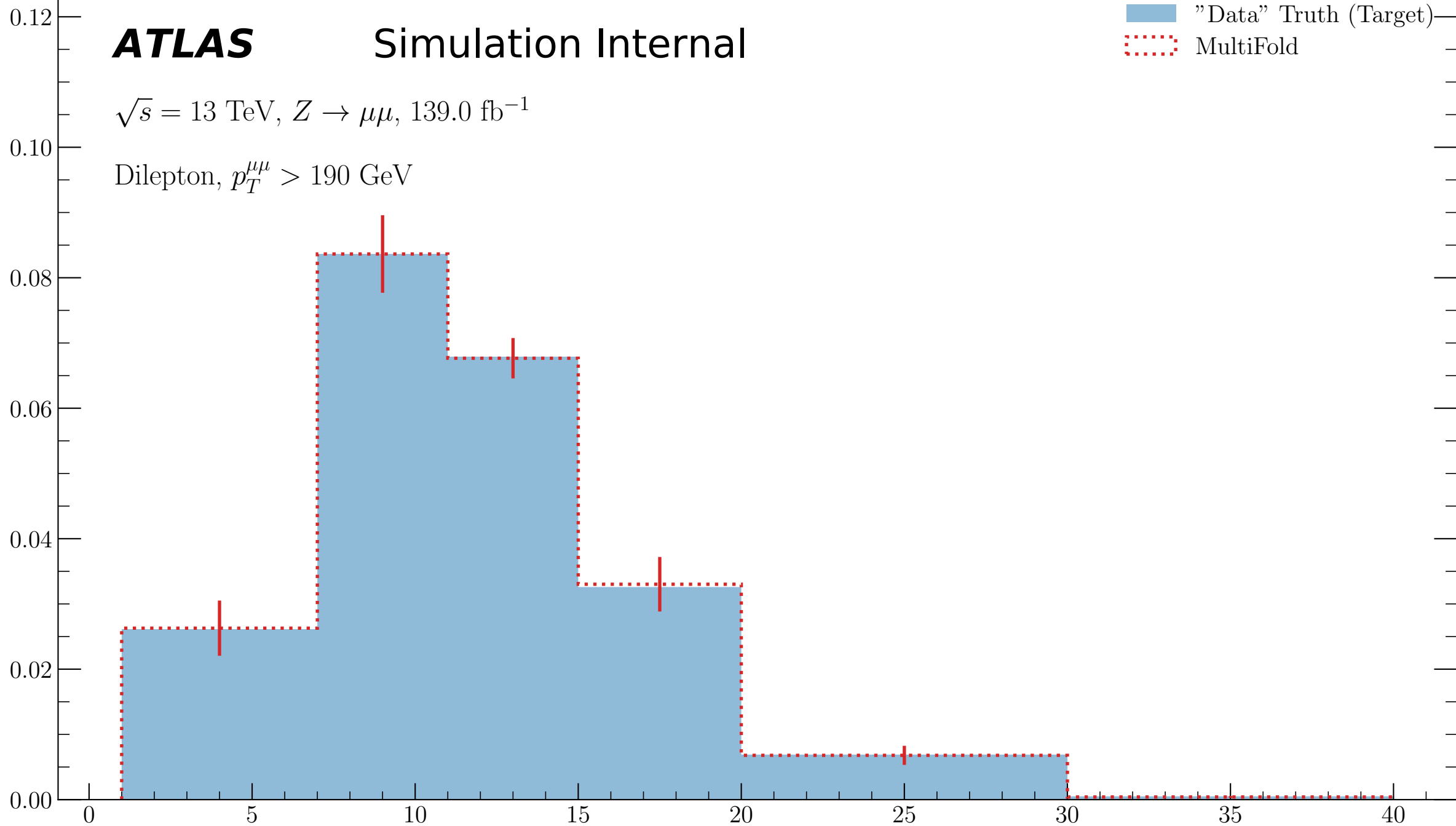
ATLAS

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



Leading track jet n_{ch}

Events per bin (normalized)

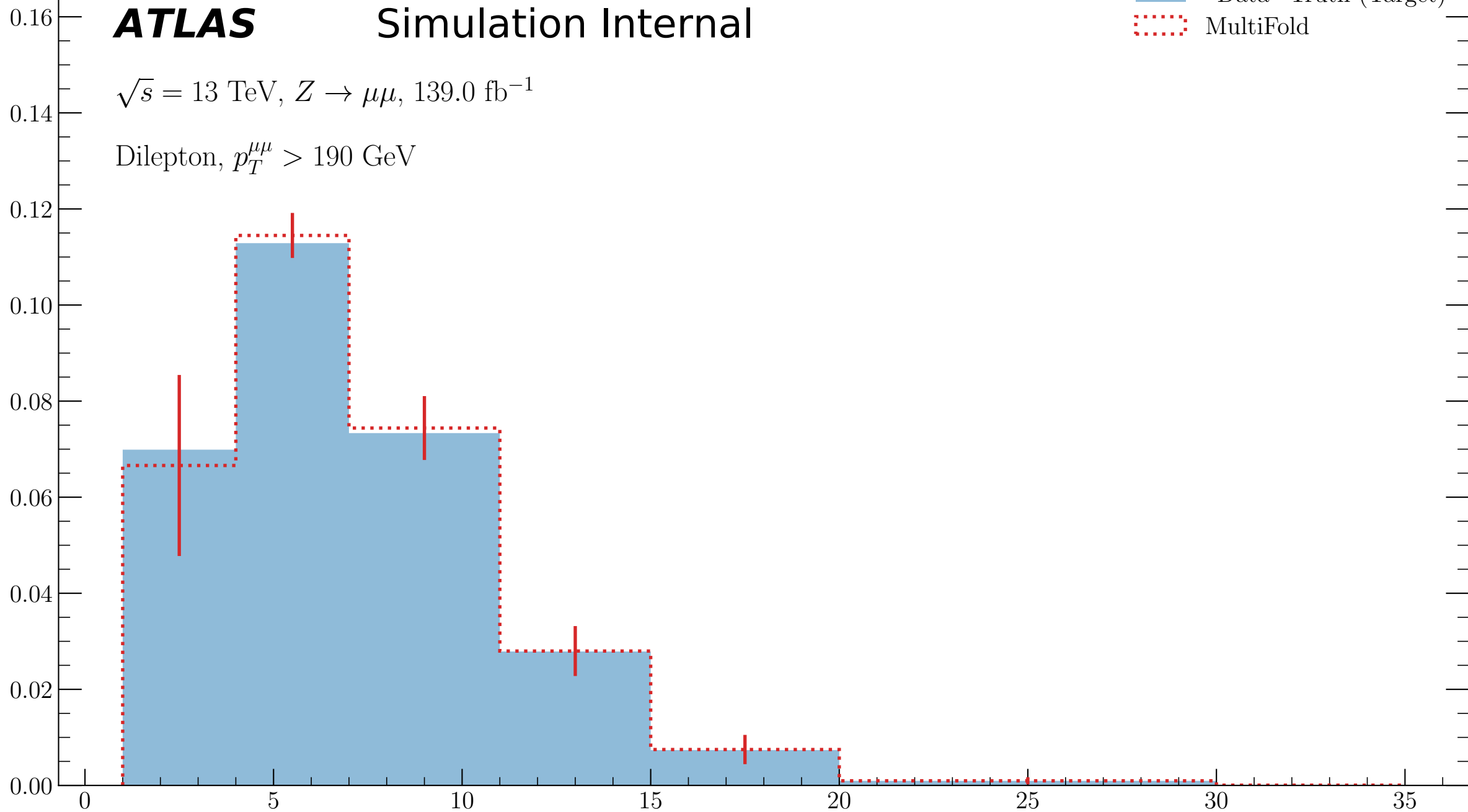
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Subleading track jet n_{ch}

Events per bin (normalized)

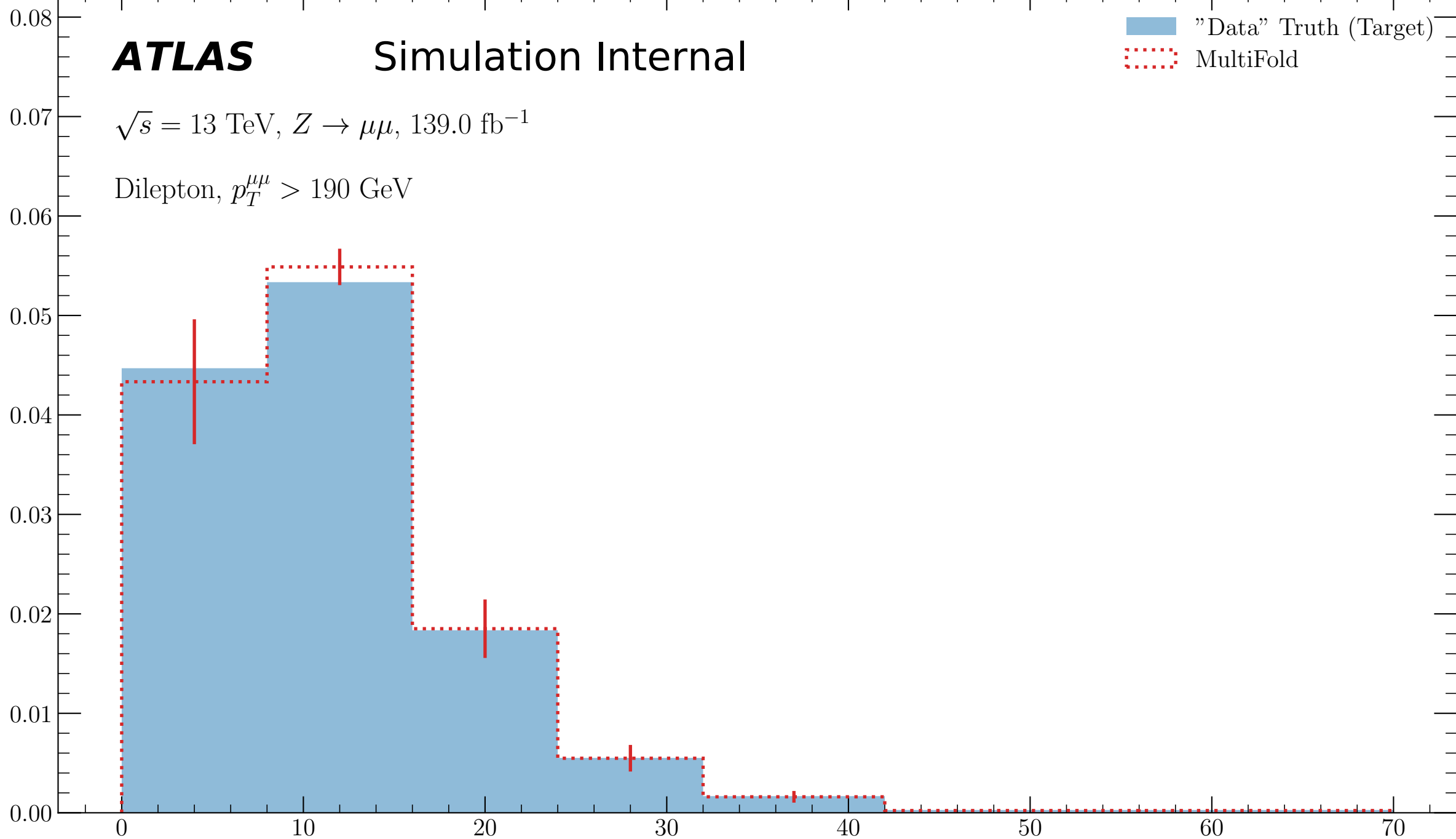
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Leading track jet m [GeV]

Events per bin (normalized)

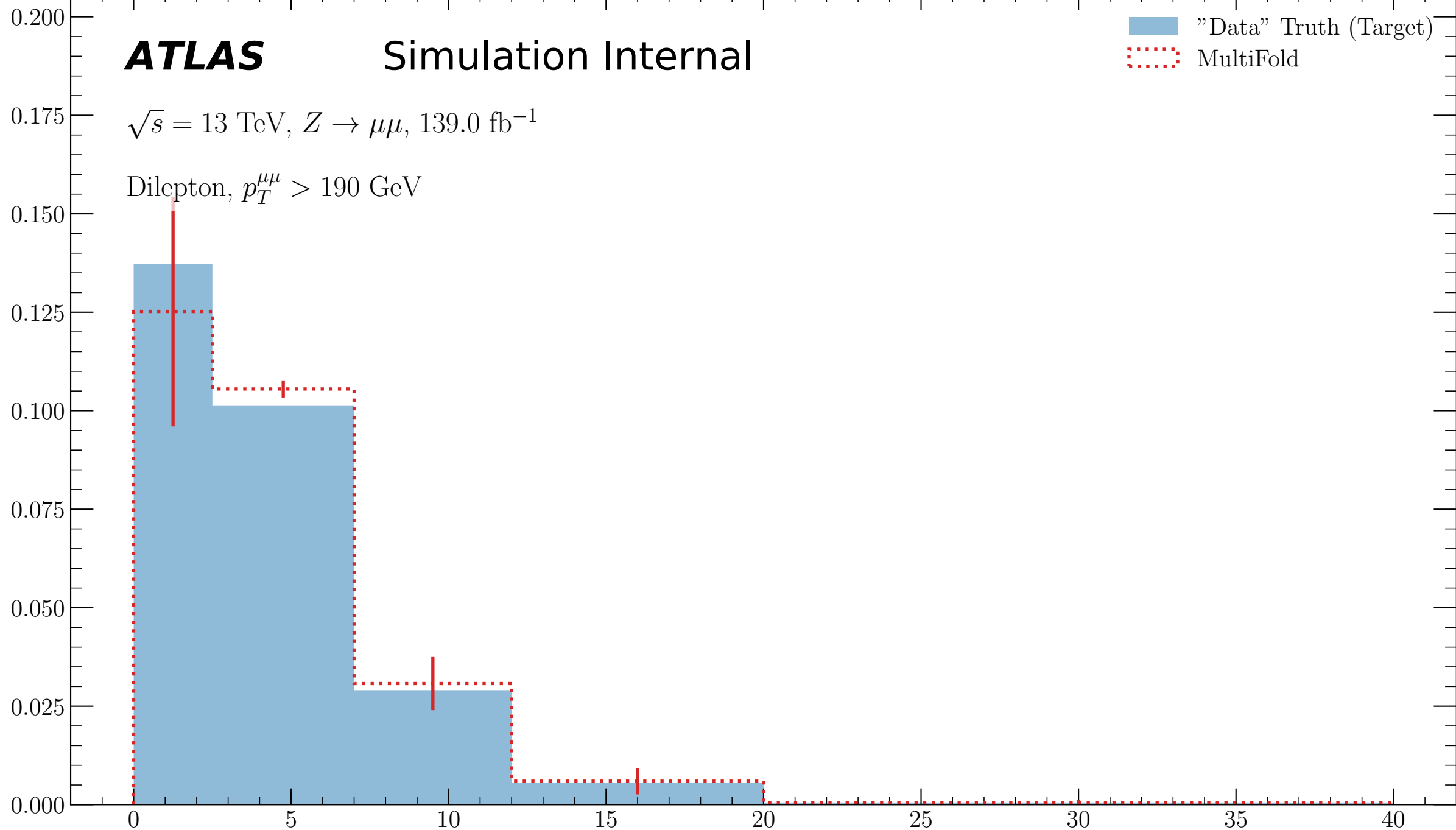
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▬ MultiFold



Subleading track jet m [GeV]

Events per bin (normalized)

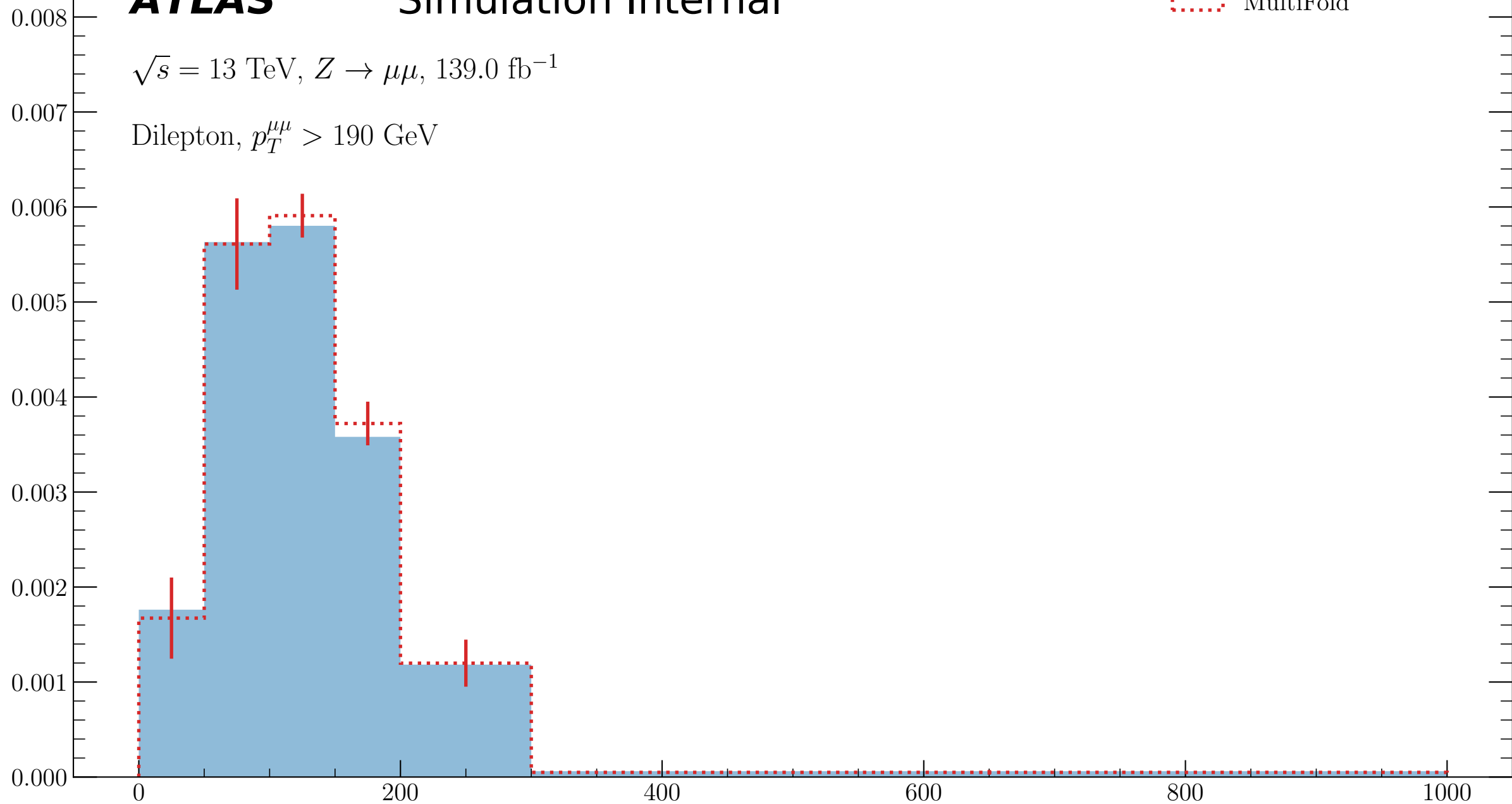
ATLAS

Simulation Internal

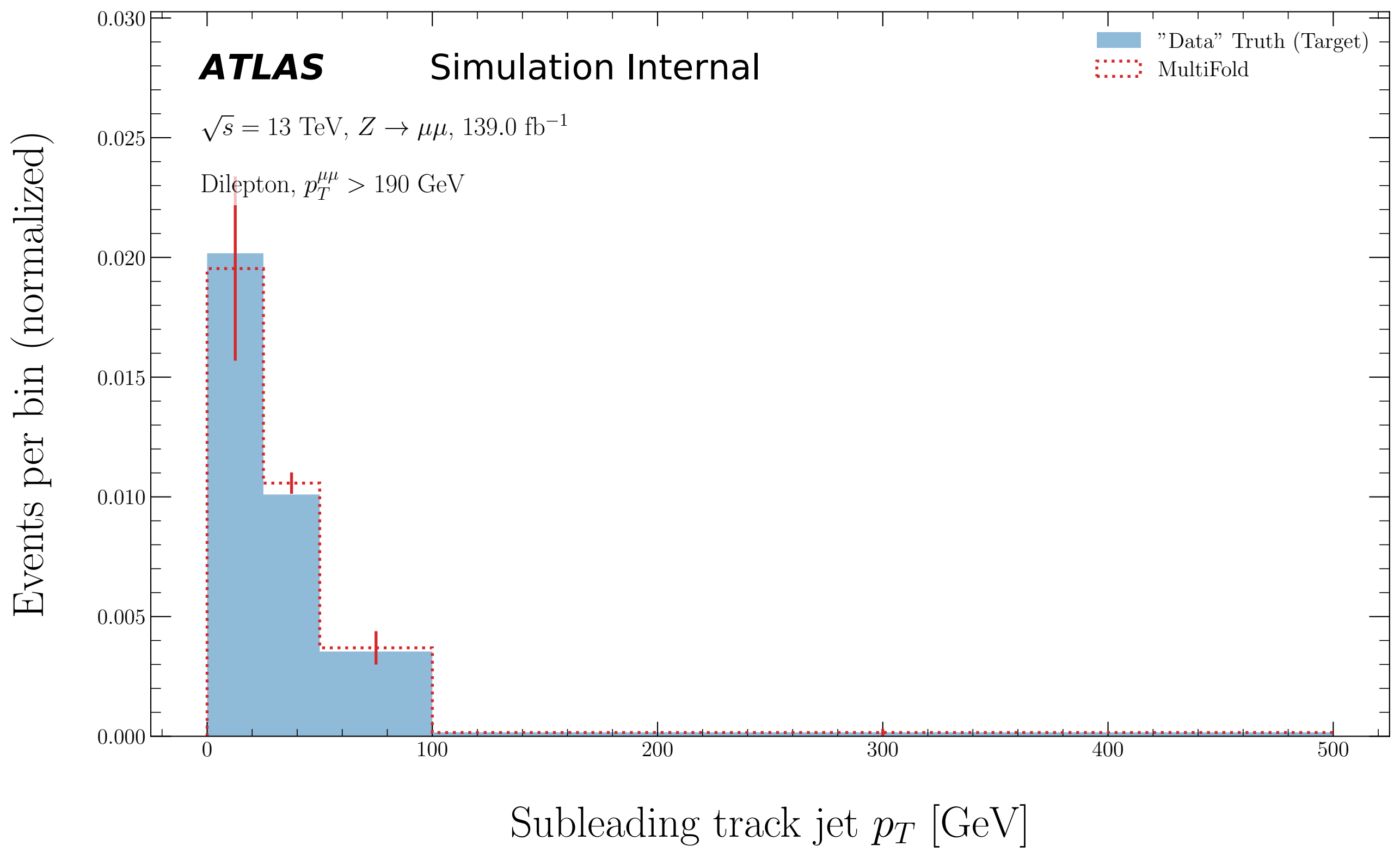
$\sqrt{s} = 13 \text{ TeV}, Z \rightarrow \mu\mu, 139.0 \text{ fb}^{-1}$

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Leading track jet p_T [GeV]



Events per bin (normalized)

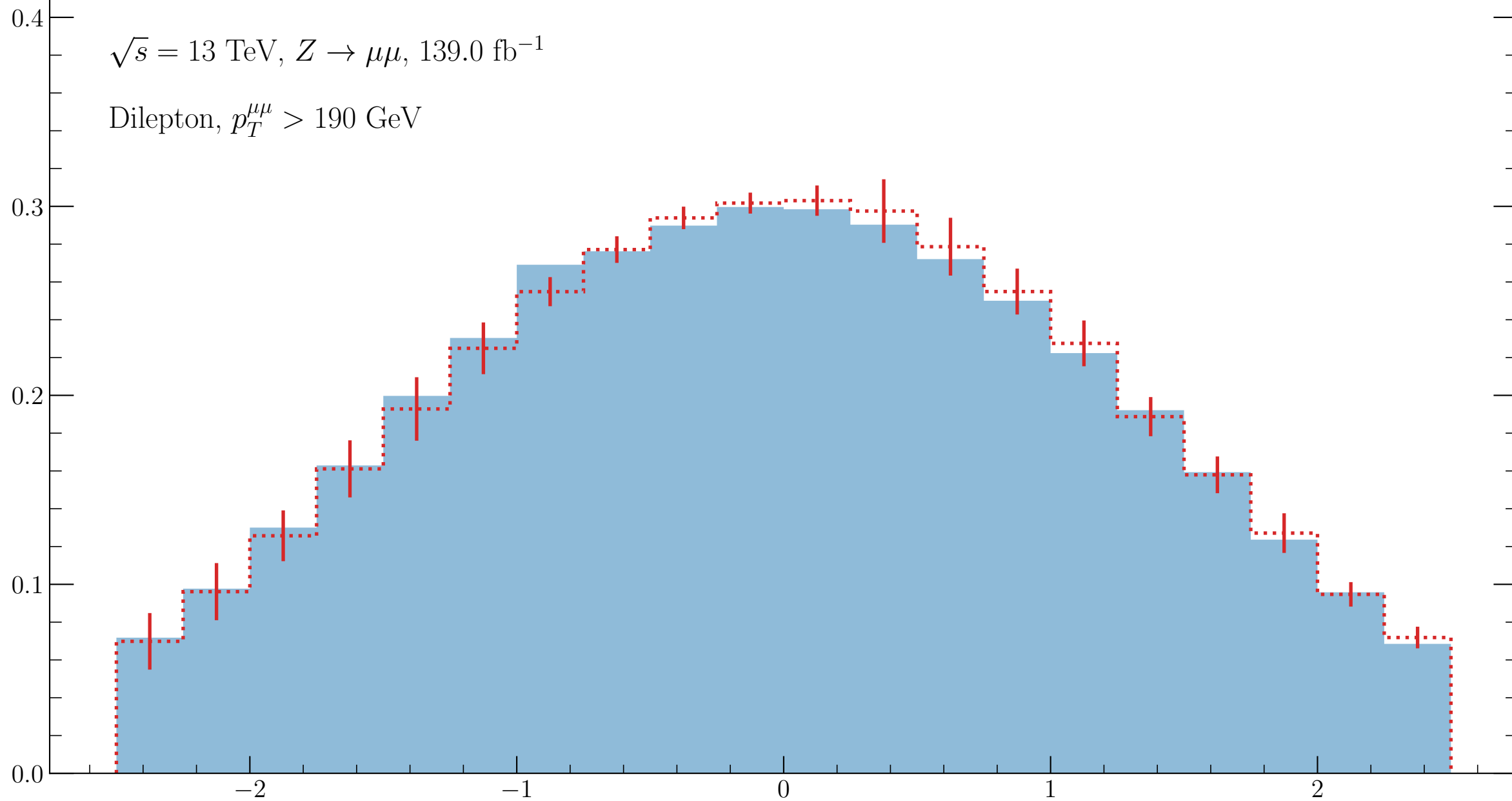
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$\sqrt{s} = 13 \text{ TeV}, Z \rightarrow \mu\mu, 139.0 \text{ fb}^{-1}$

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

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Leading track jet y

Events per bin (normalized)

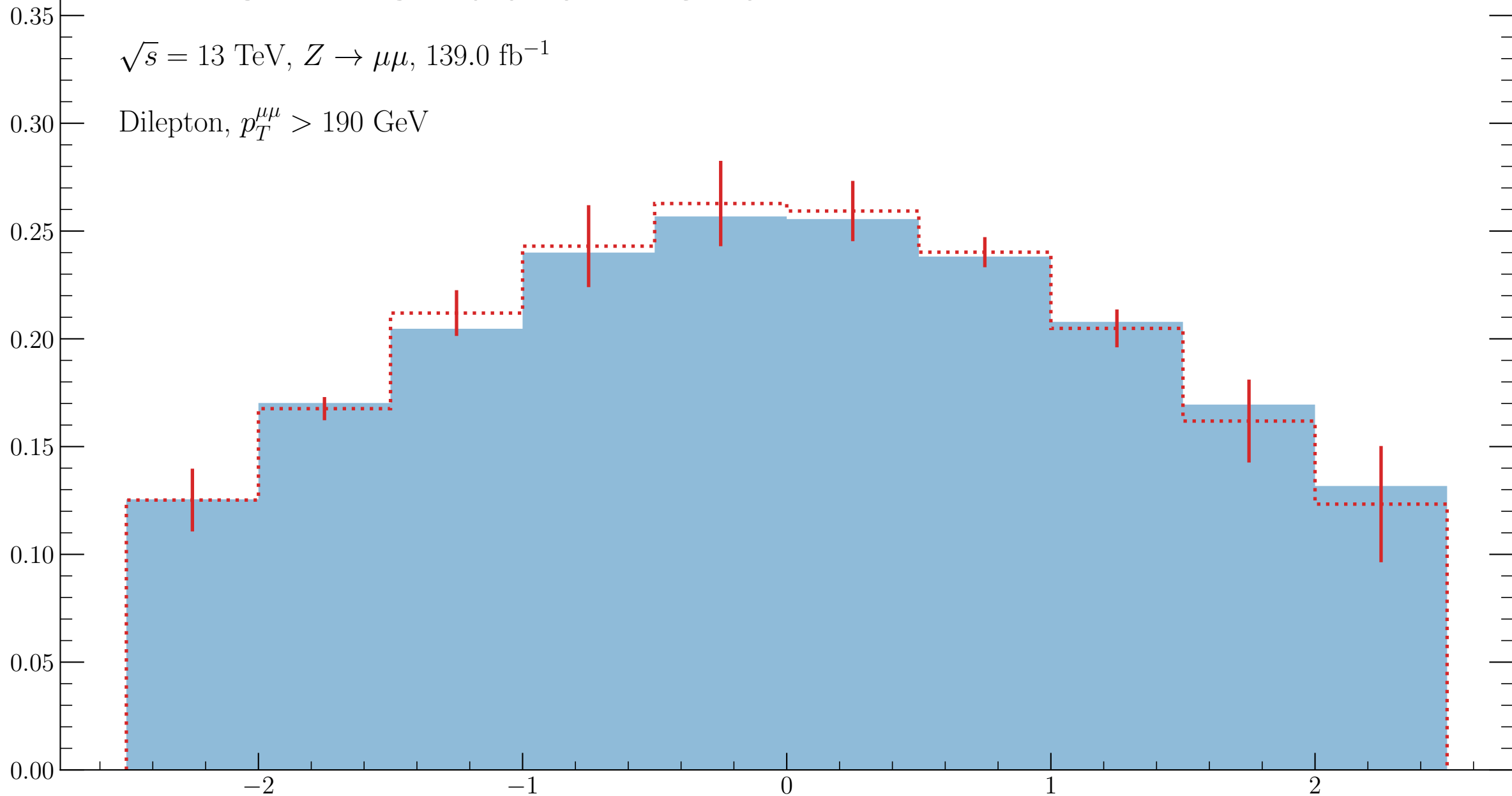
ATLAS

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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▤ MultiFold



Subleading track jet y

Events per bin (normalized)

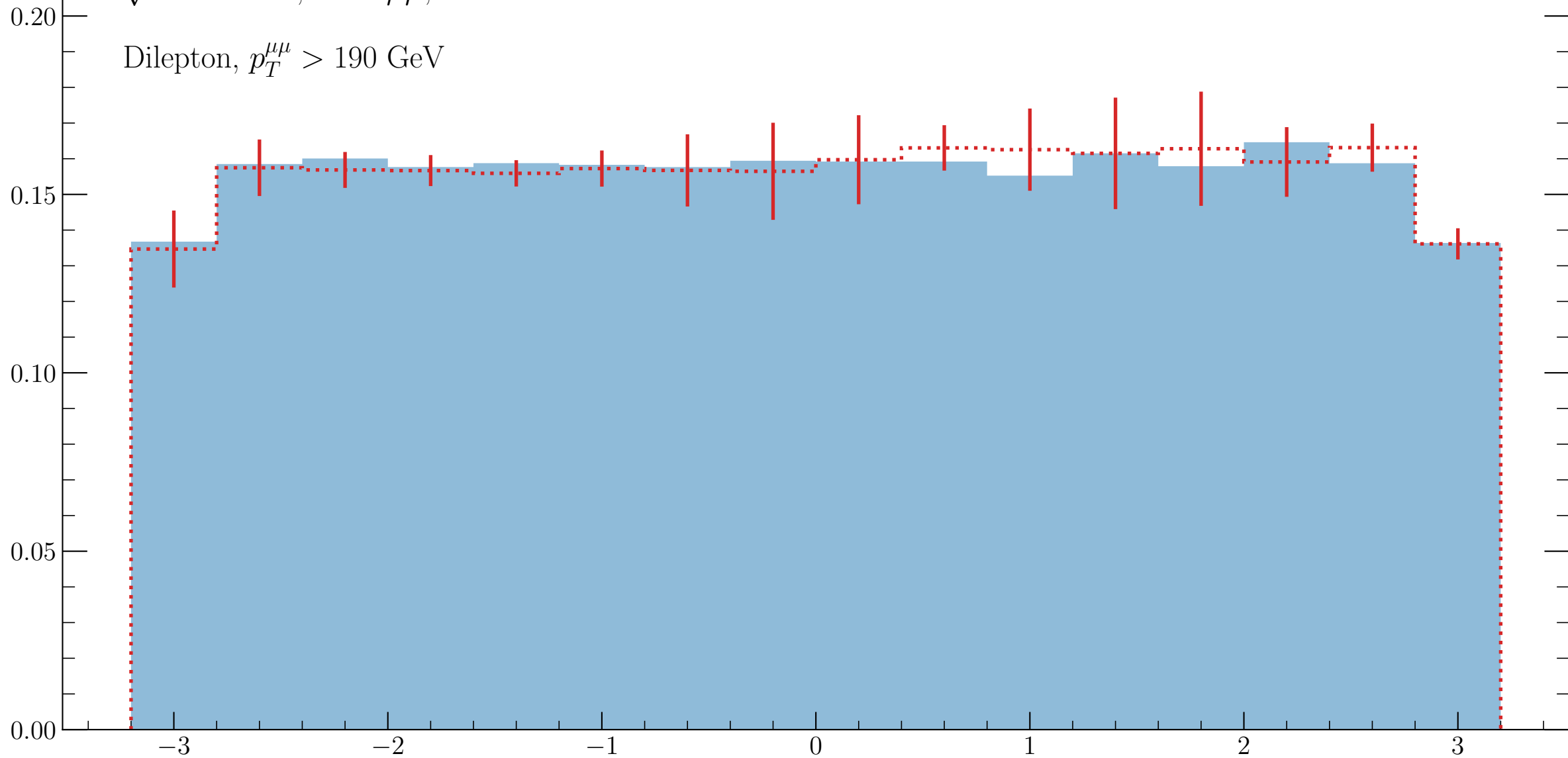
ATLAS

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



Leading track jet ϕ

Events per bin (normalized)

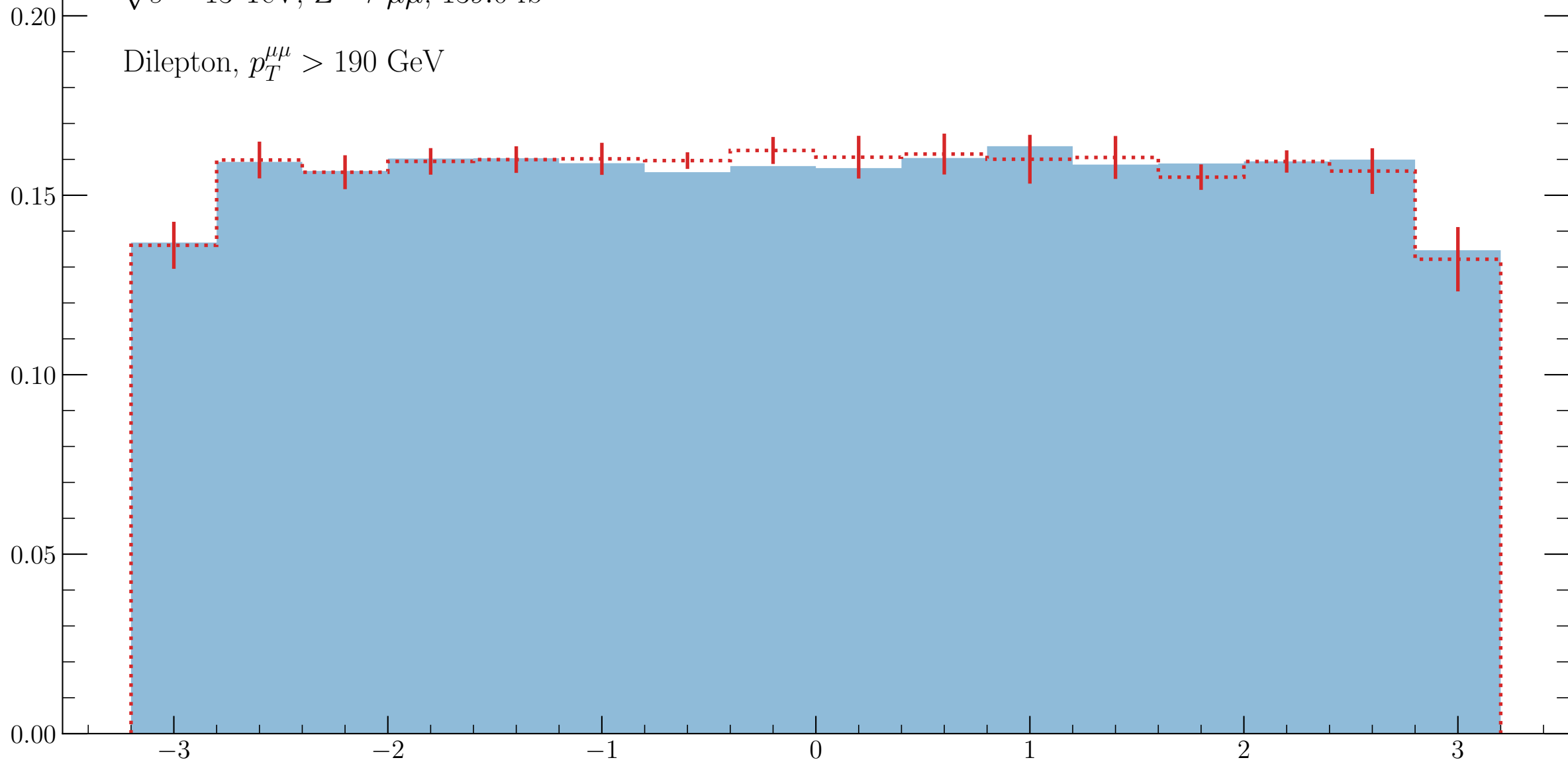
ATLAS

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



Subleading track jet ϕ

Events per bin (normalized)

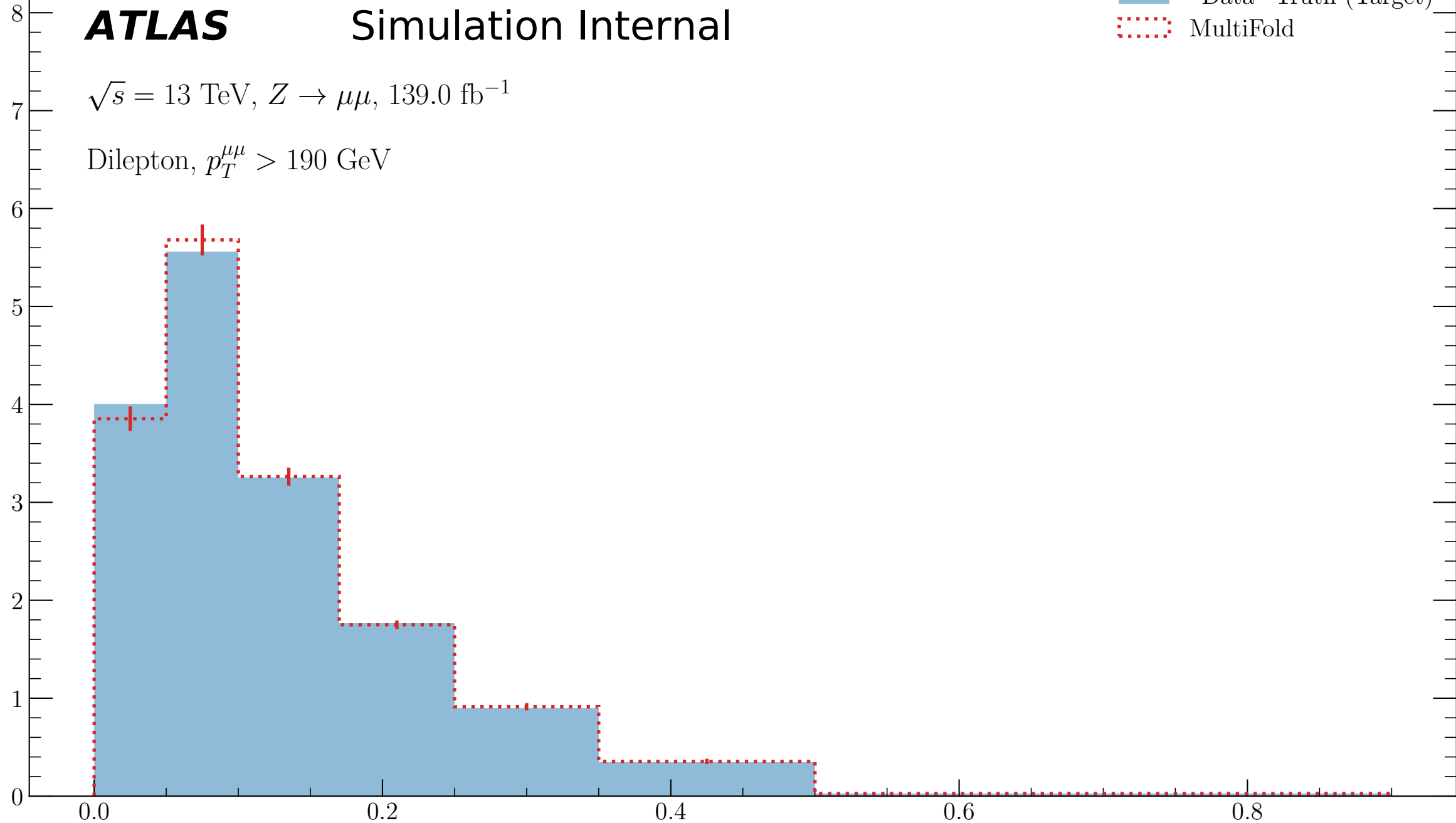
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Dilepton, $p_T^{\mu\mu} > 190 \text{ GeV}$

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Leading track jet τ_1

Events per bin (normalized)

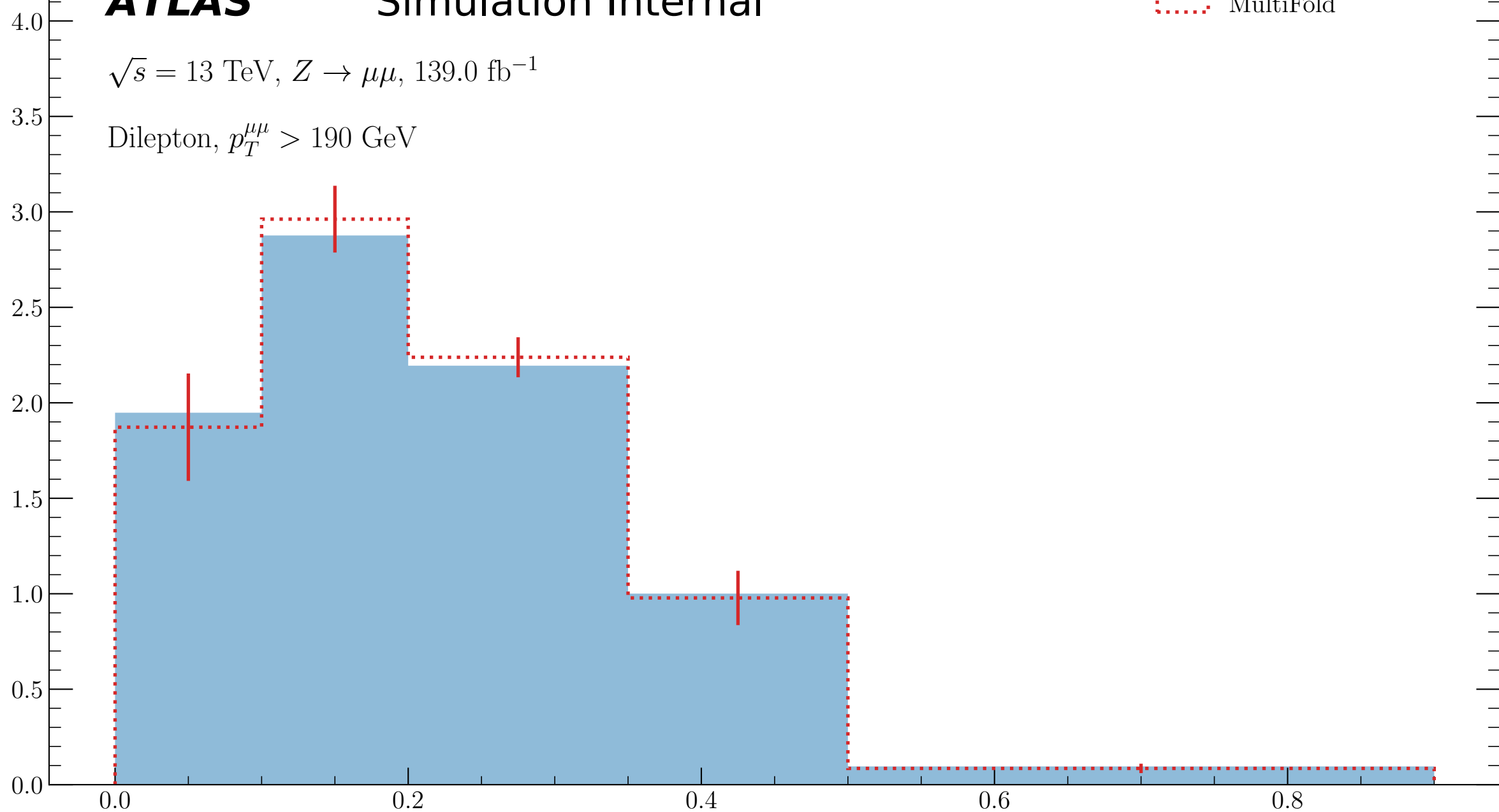
ATLAS

Simulation Internal

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

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Subleading track jet τ_1

Events per bin (normalized)

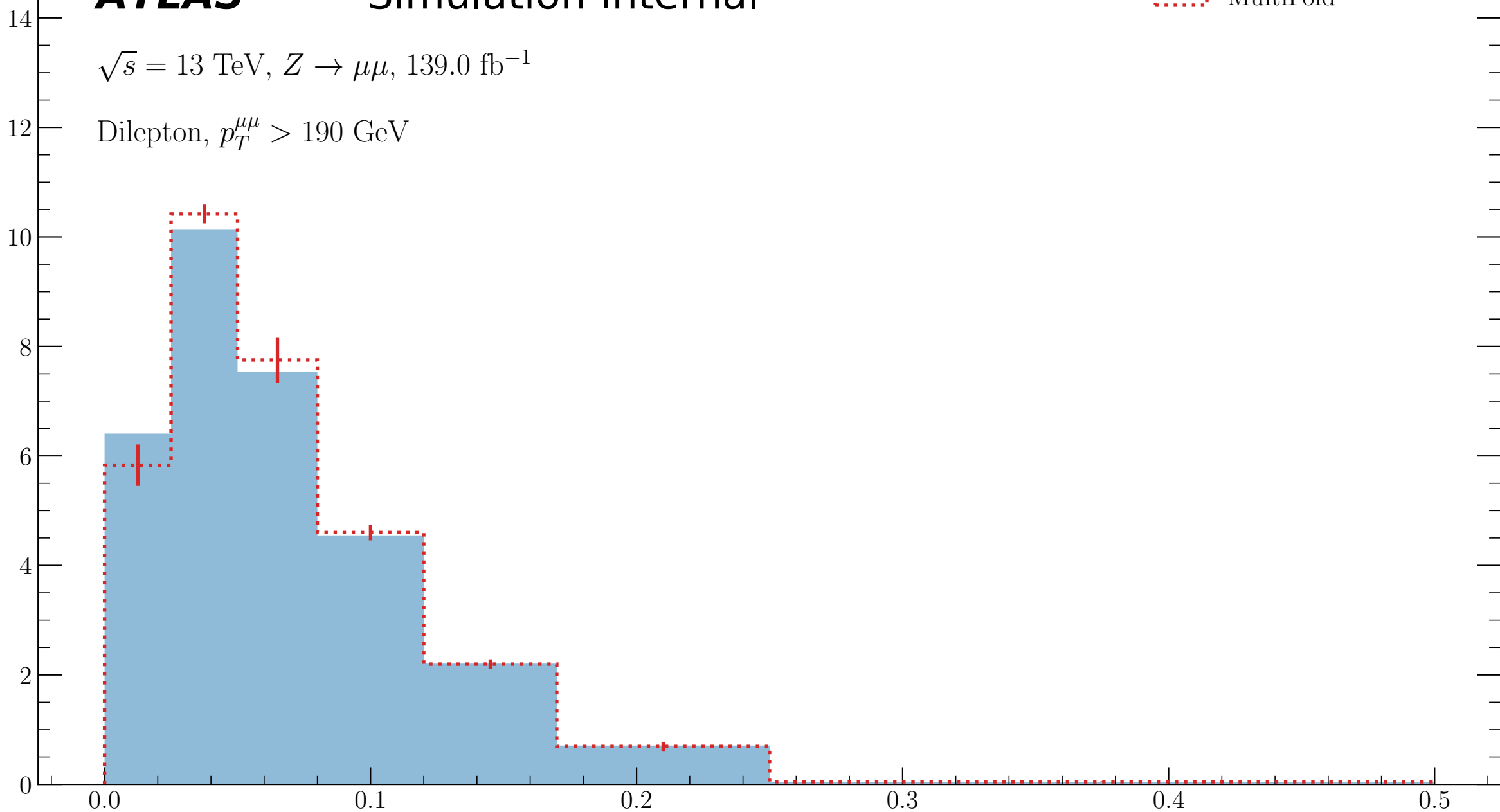
ATLAS

Simulation Internal

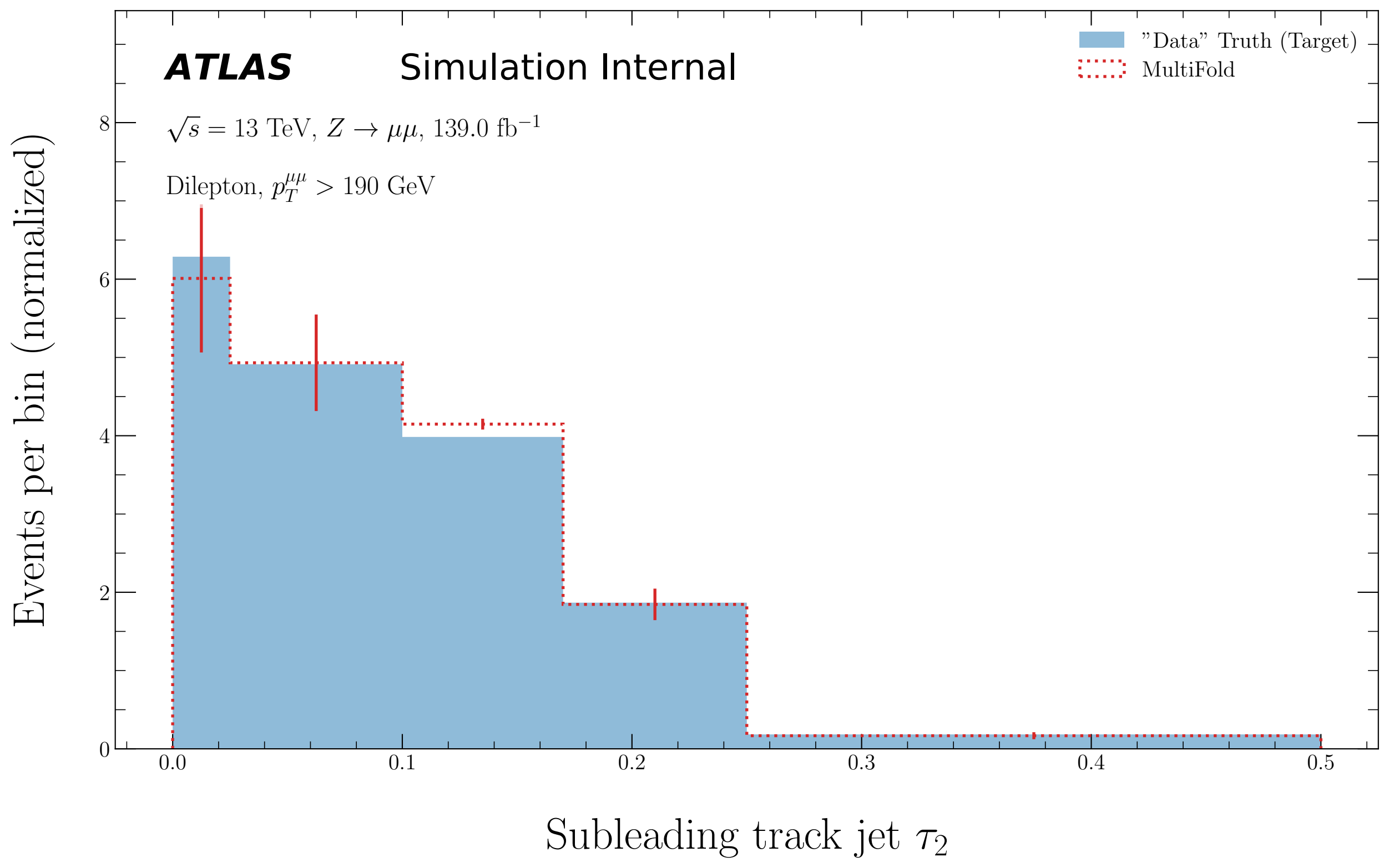
$\sqrt{s} = 13 \text{ TeV}, Z \rightarrow \mu\mu, 139.0 \text{ fb}^{-1}$

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■ "Data" Truth (Target)
▤ MultiFold



Leading track jet τ_2



Events per bin (normalized)

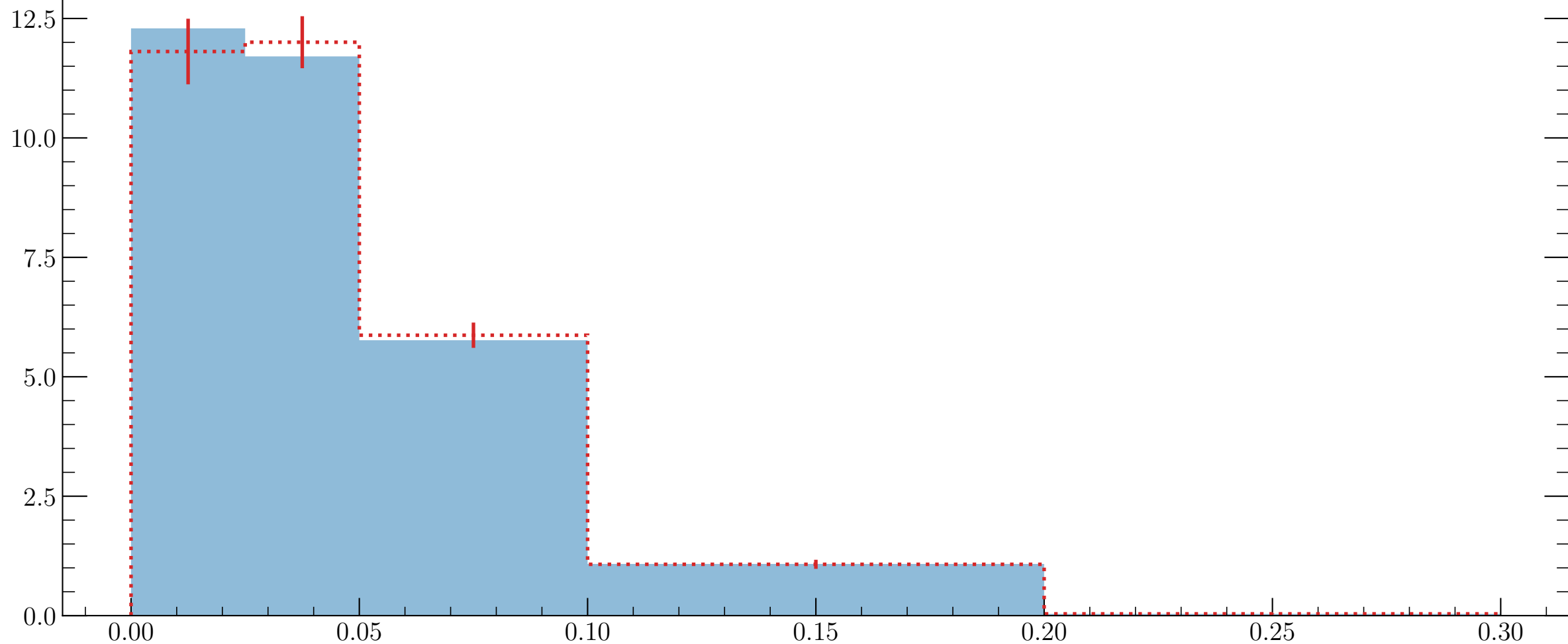
ATLAS

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)
▤ MultiFold



Leading track jet τ_3

Events per bin (normalized)

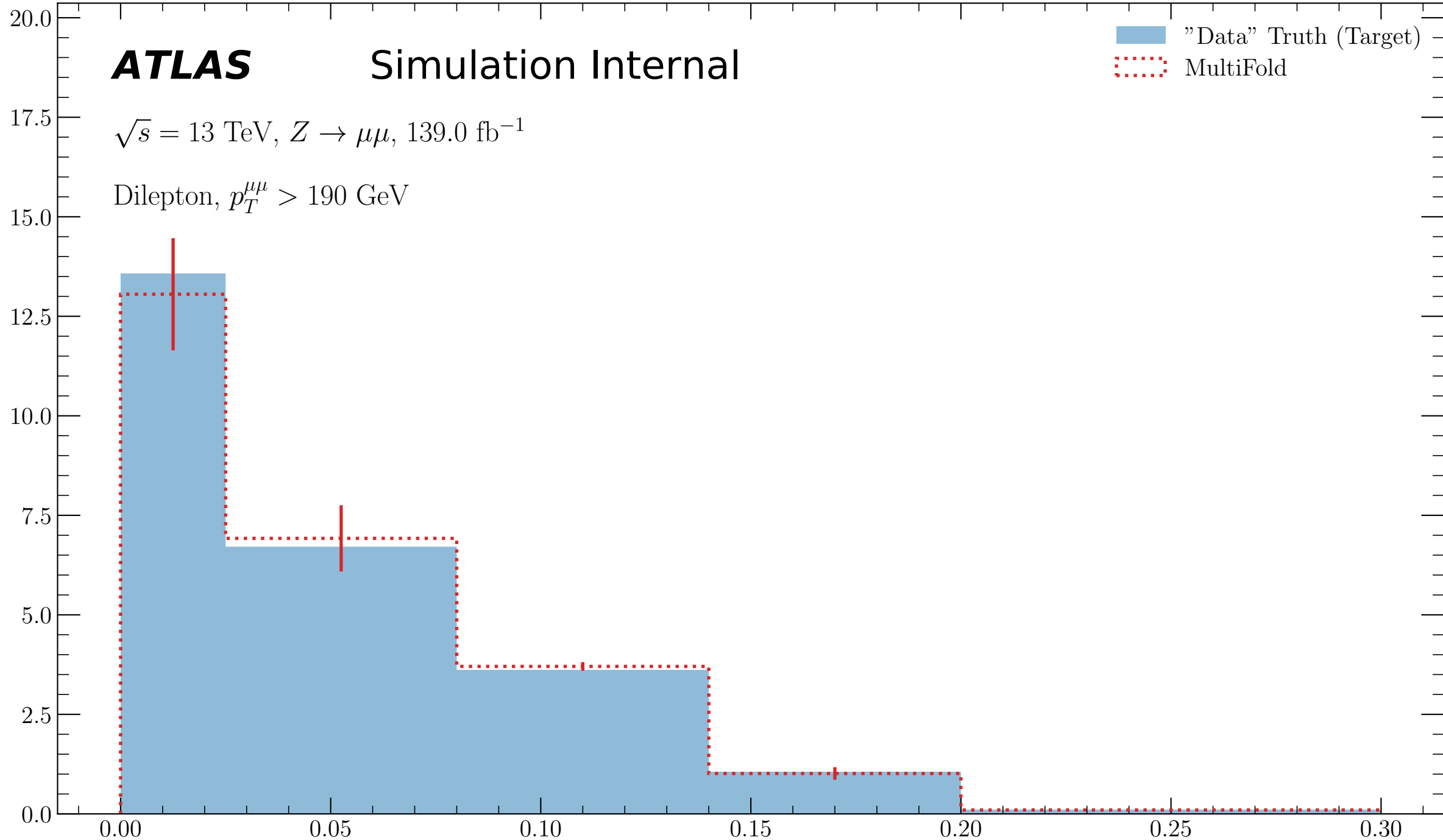
ATLAS

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)
▤ MultiFold



Subleading track jet τ_3

Events per bin (normalized)

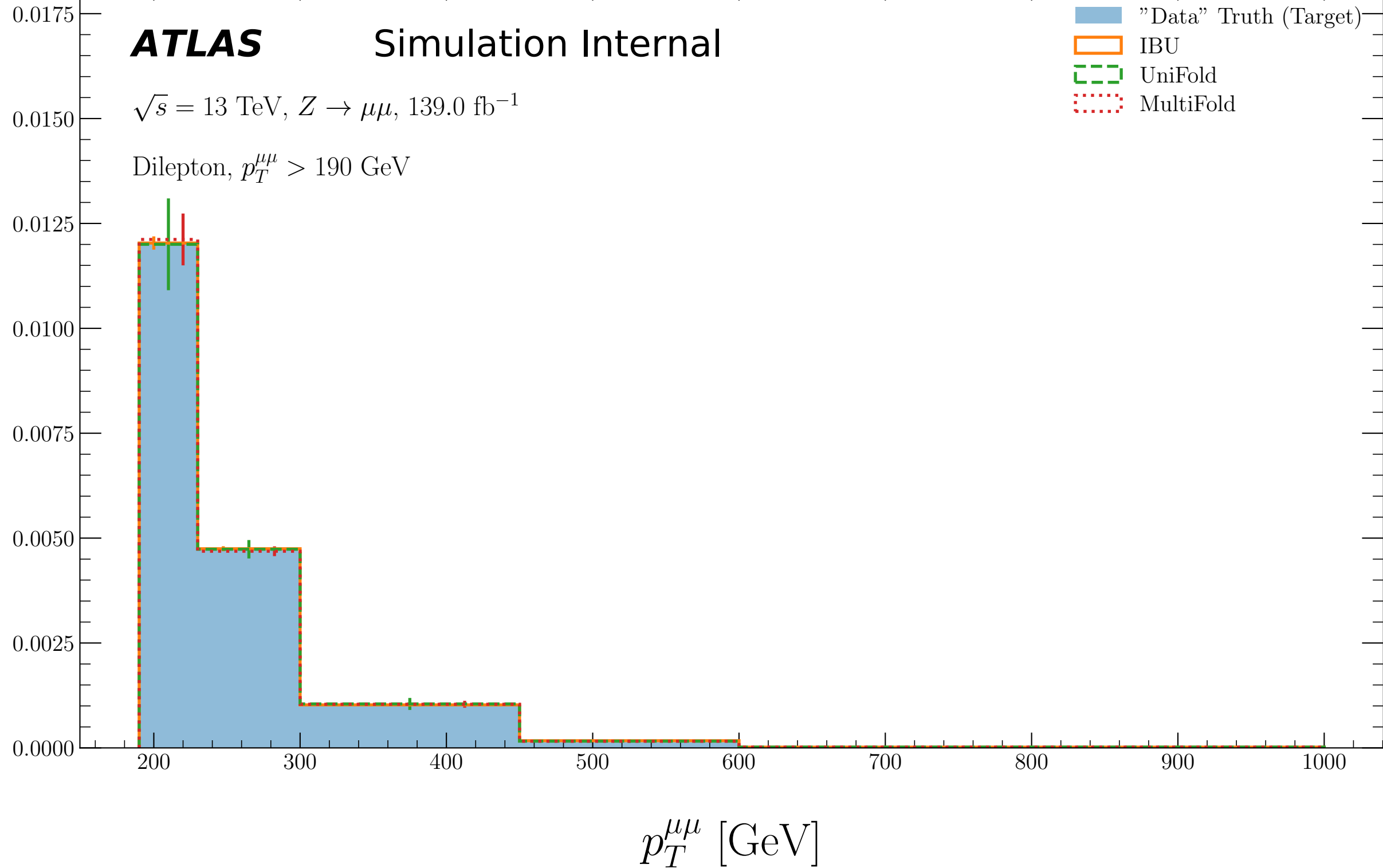
ATLAS

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)
- IBU
- UniFold
- MultiFold



Events per bin (normalized)

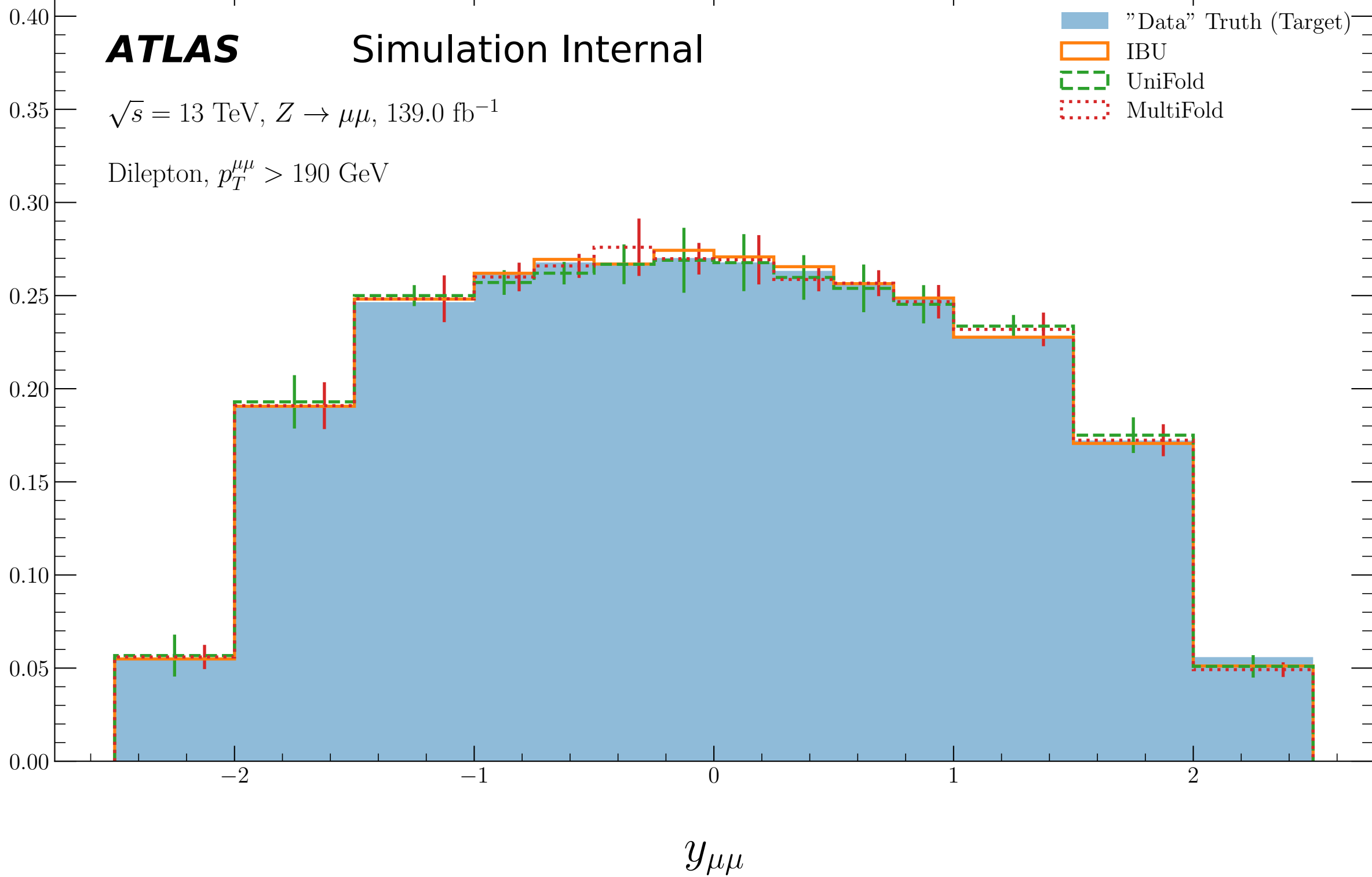
ATLAS

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)
- IBU
- UniFold
- MultiFold



Events per bin (normalized)

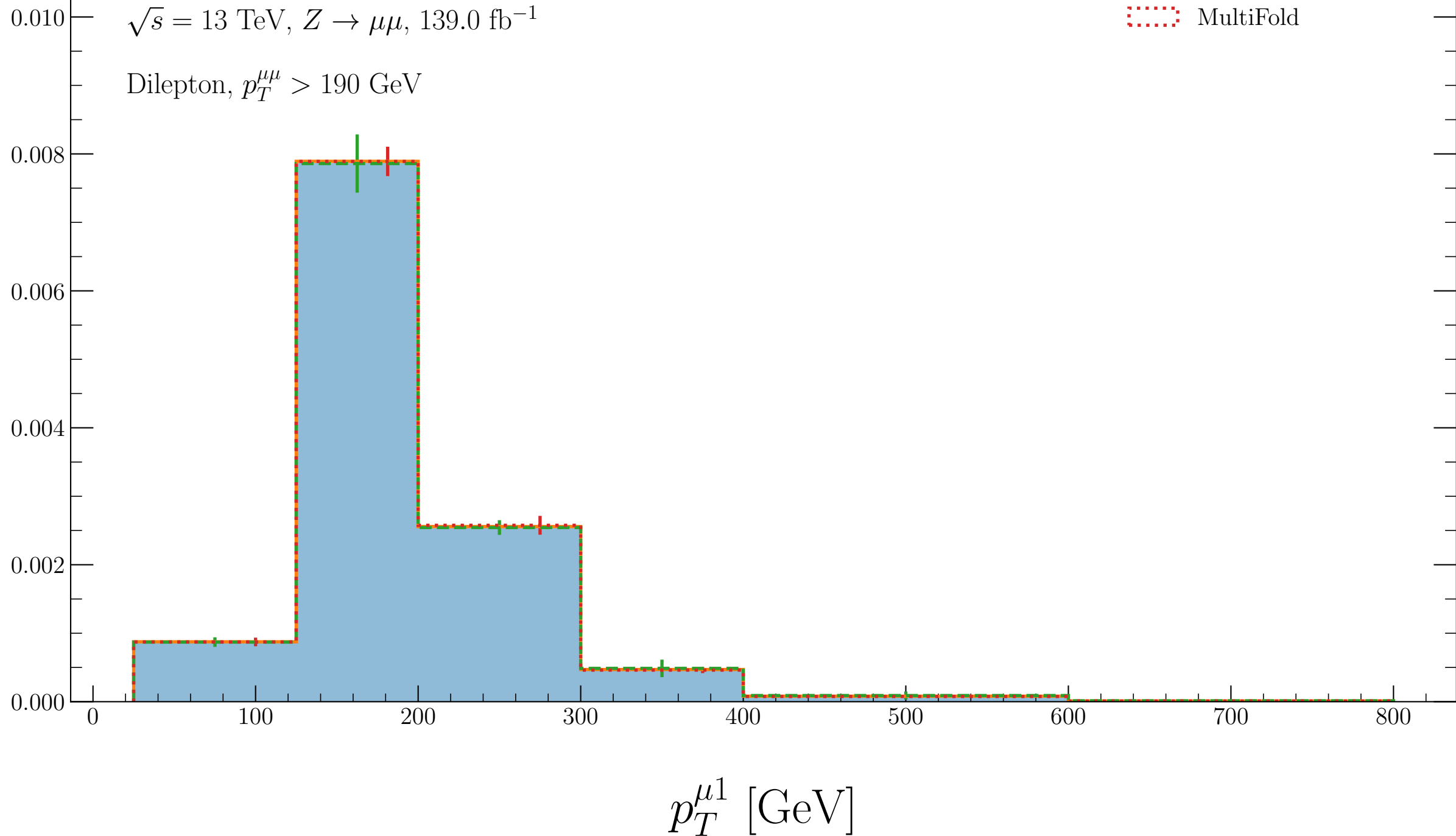
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Dilepton, $p_T^{\mu\mu} > 190 \text{ GeV}$

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Events per bin (normalized)

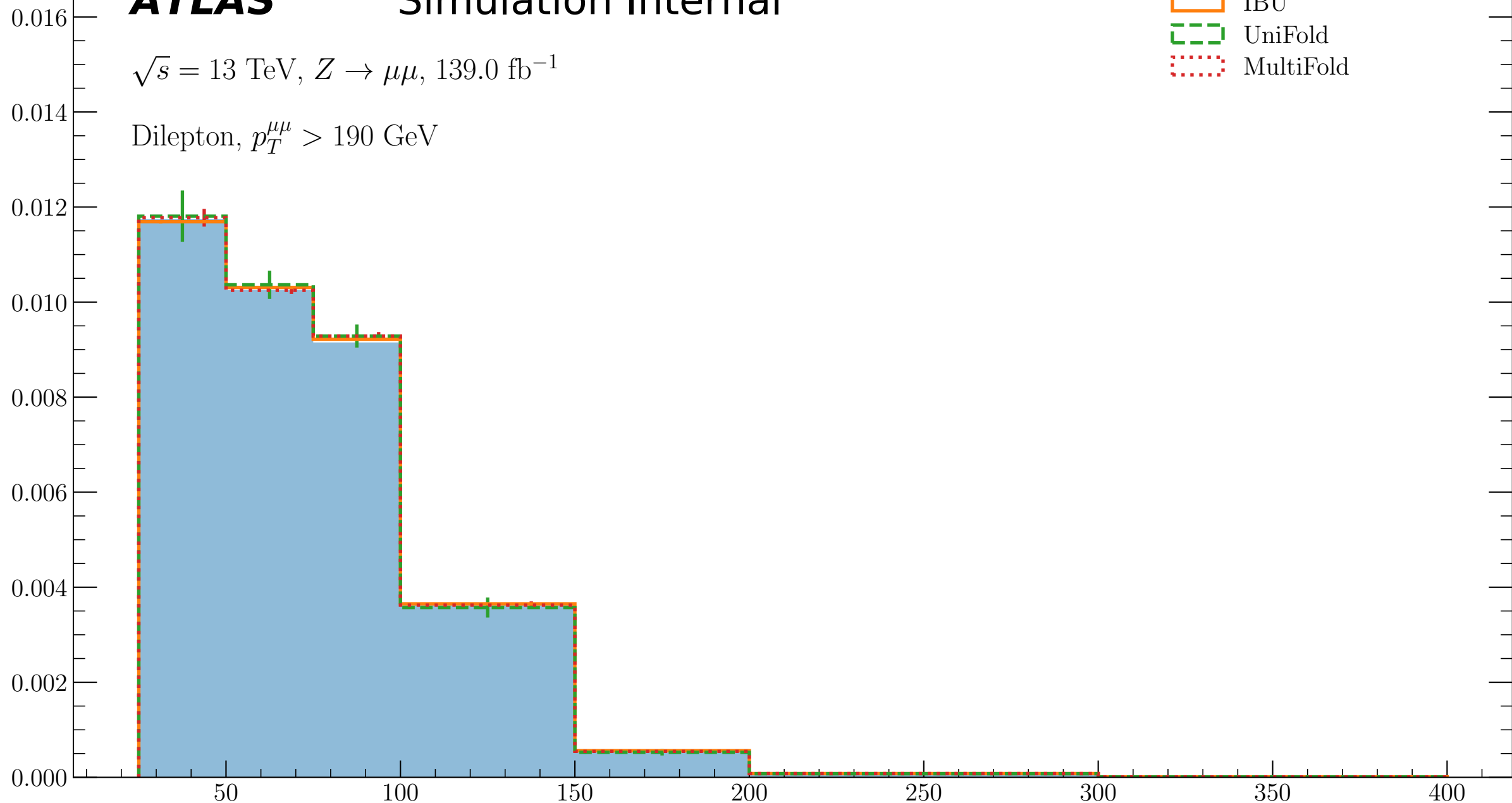
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$p_T^{\mu\mu}$ [GeV]

Events per bin (normalized)

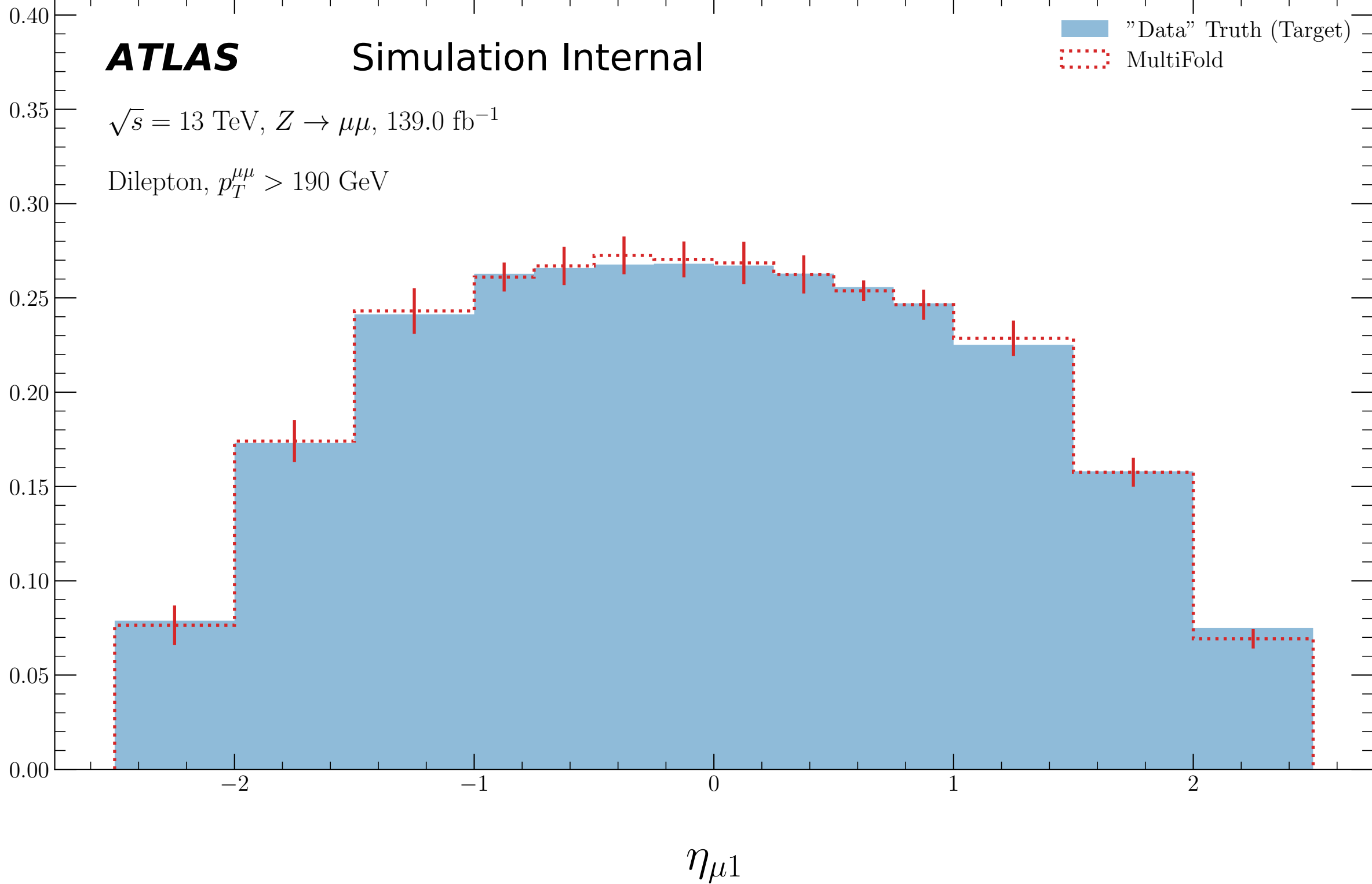
ATLAS

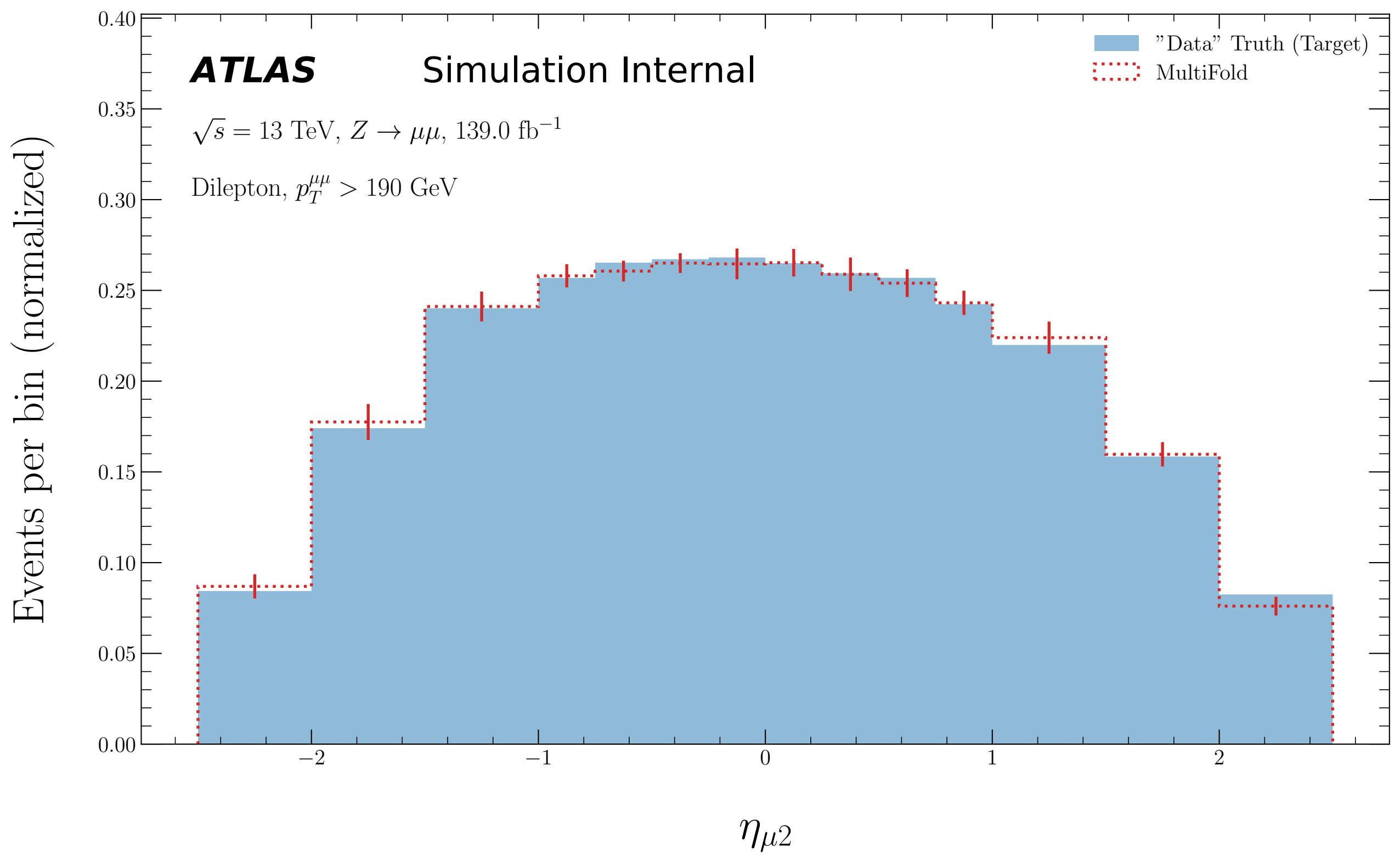
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Events per bin (normalized)

ATLAS

Simulation Internal

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

0.20
0.15
0.10
0.05
0.00

-3

-2

-1

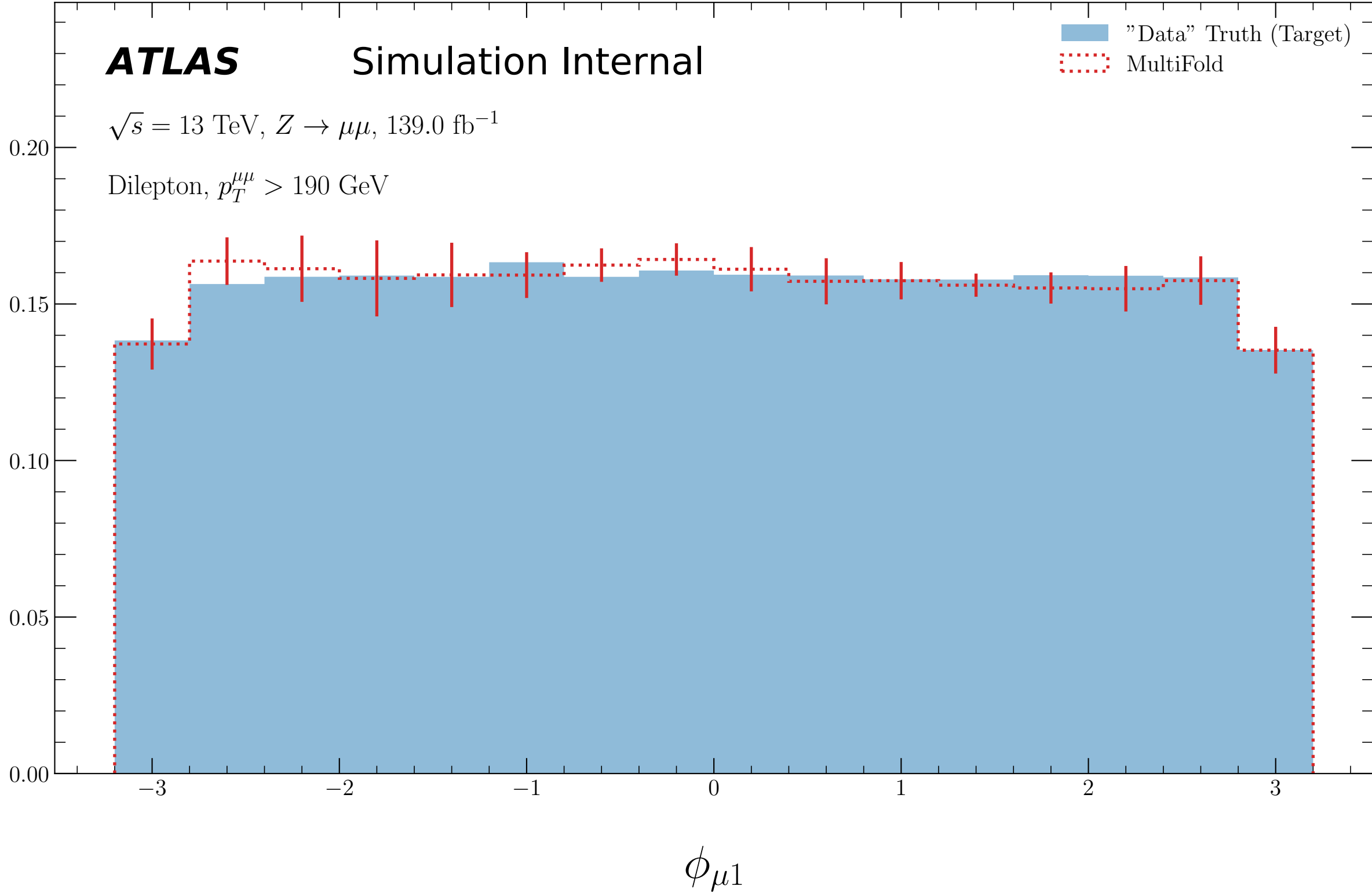
0

1

2

3

$\phi_{\mu 1}$



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■ "Data" Truth (Target)
⋯ MultiFold

0.20
0.15
0.10
0.05
0.00

-3

-2

-1

0

1

2

3

$\phi_{\mu 2}$

