

Relative Systematic Effect (MultiFold)

ATLAS

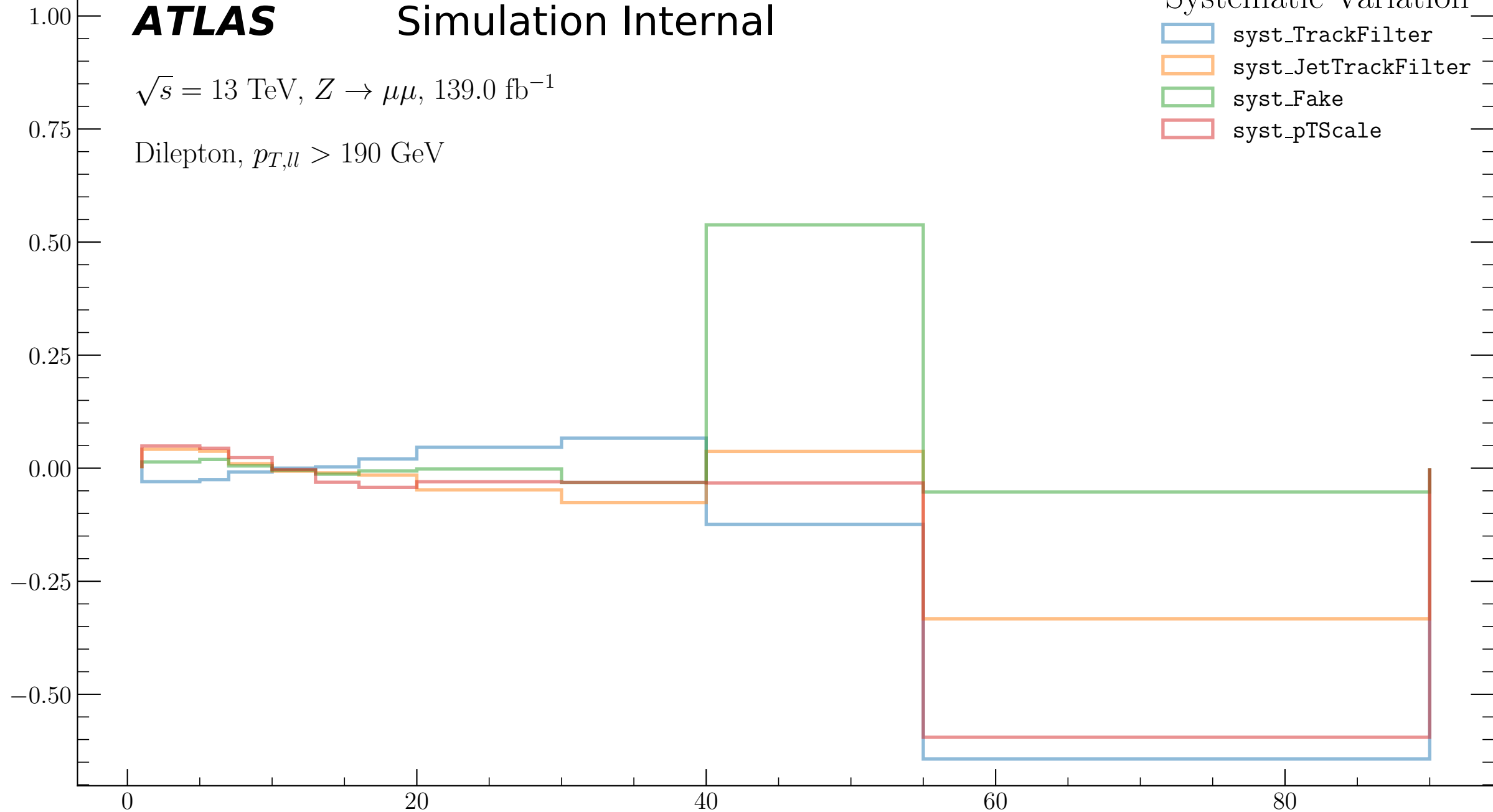
Simulation Internal

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

Dilepton, $p_{T,\ell} > 190 \text{ GeV}$

Systematic Variation

- syst_TrackFilter
- syst_JetTrackFilter
- syst_Fake
- syst_pTScale



N_{j_1}

Relative Systematic Effect (MultiFold)

ATLAS

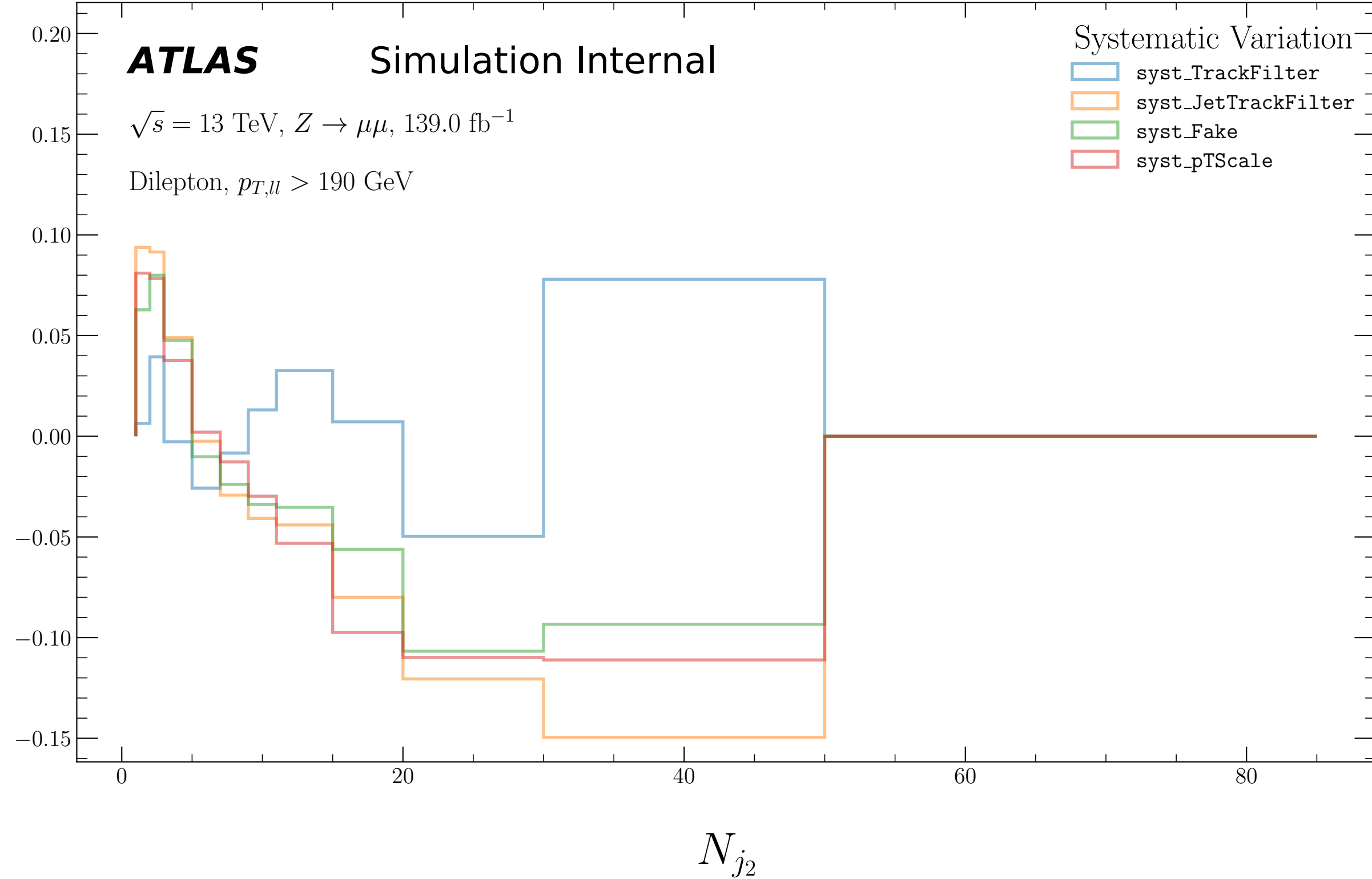
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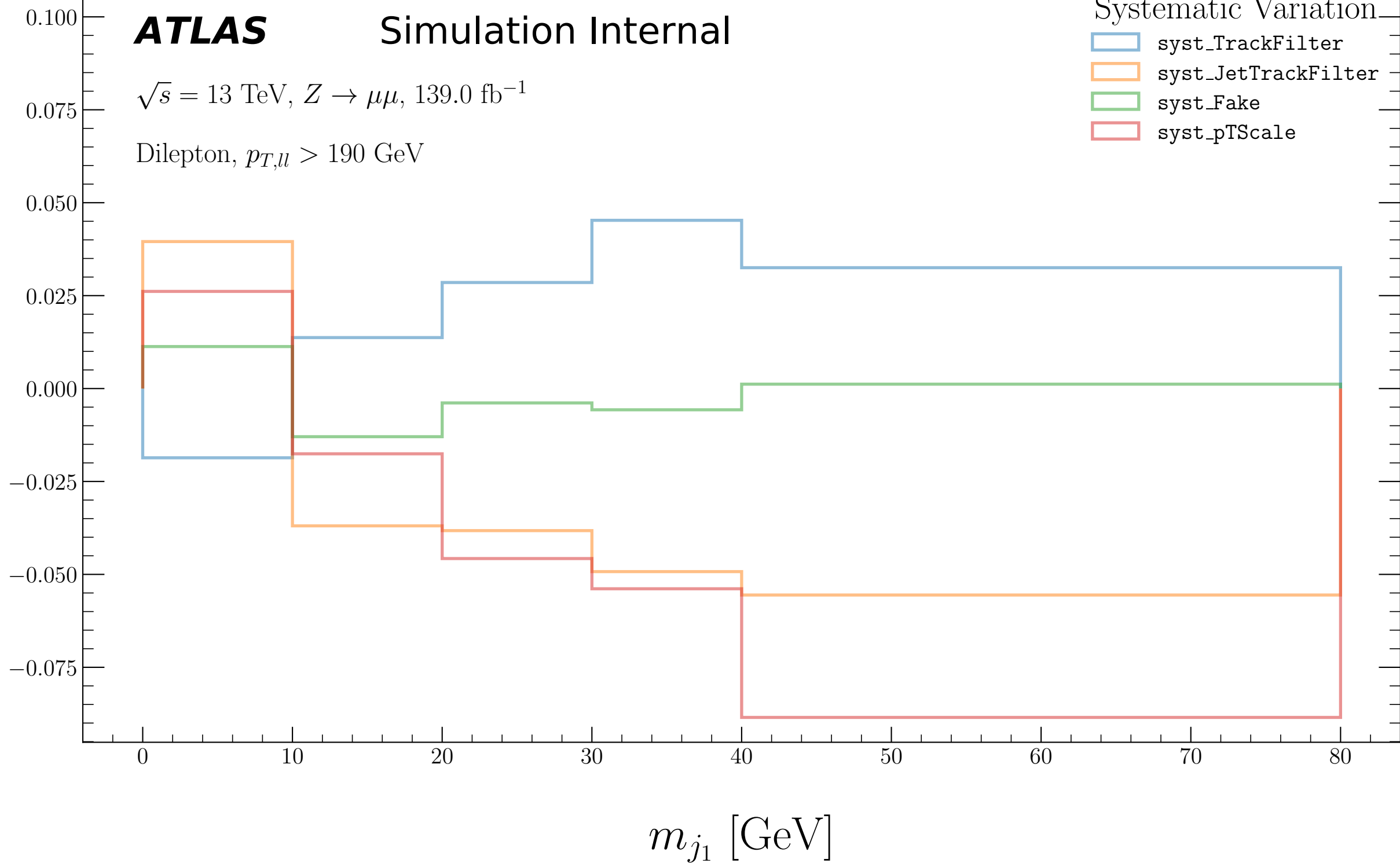
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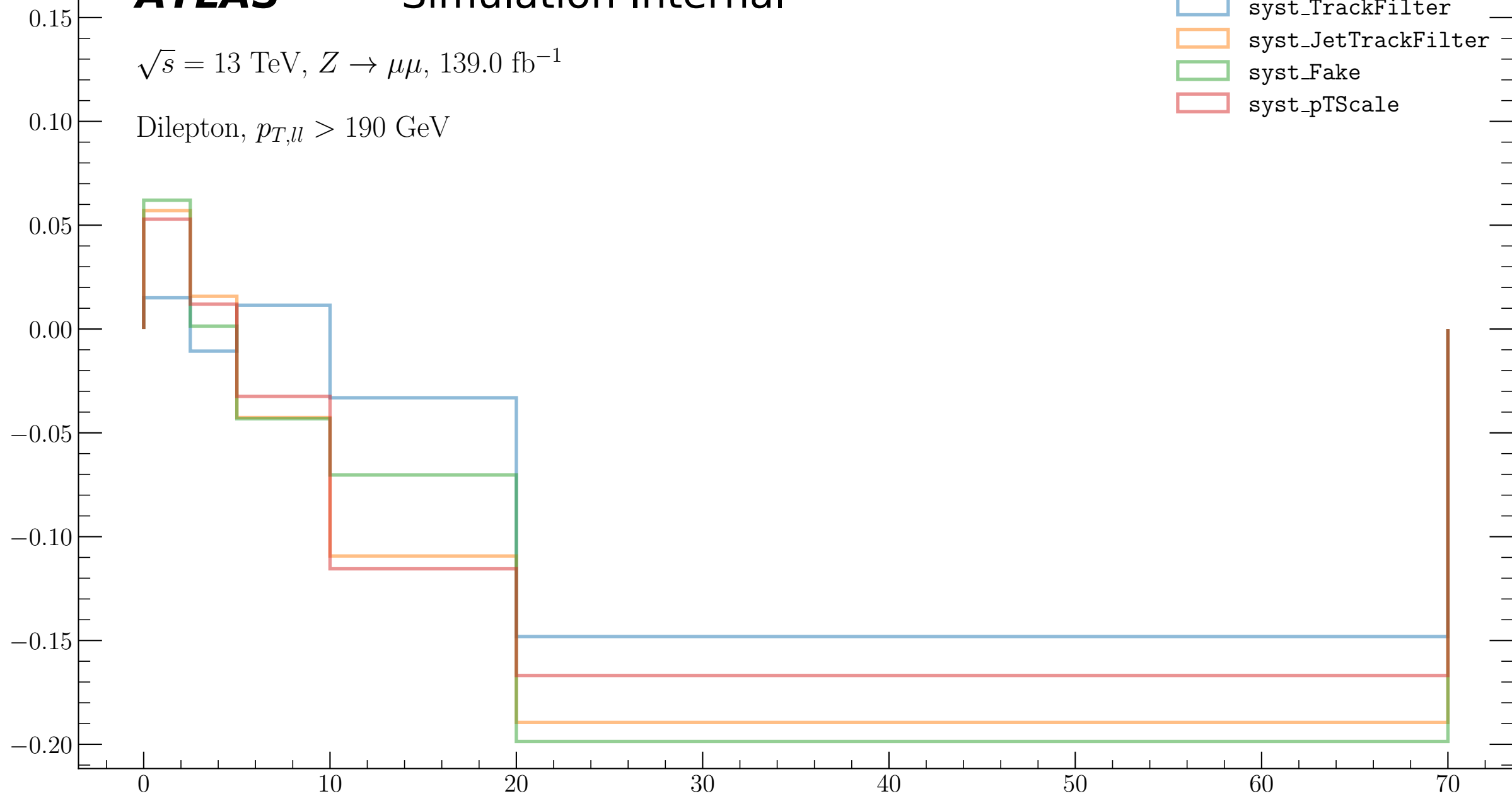
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m_{j_2} [GeV]

Relative Systematic Effect (MultiFold)

ATLAS

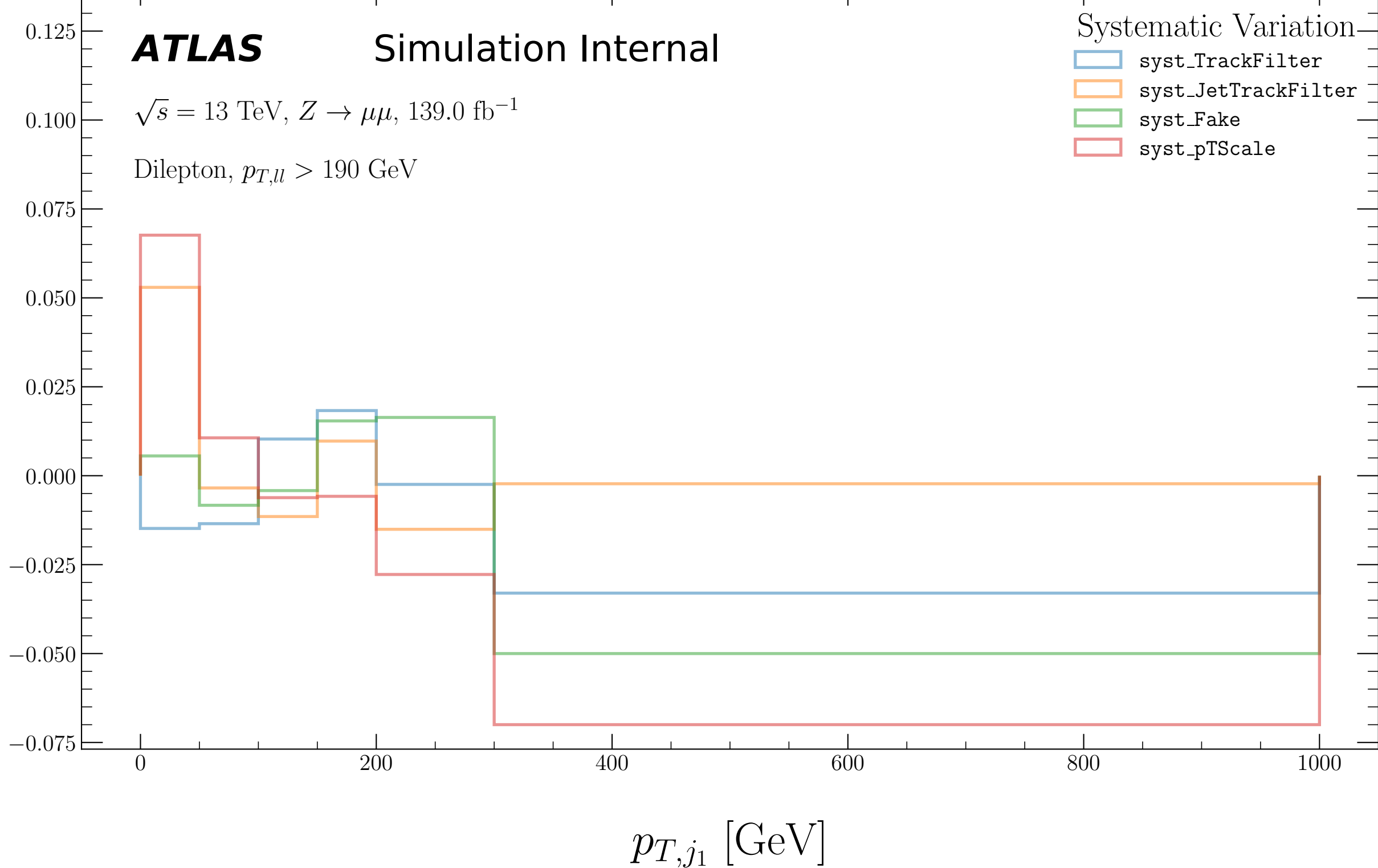
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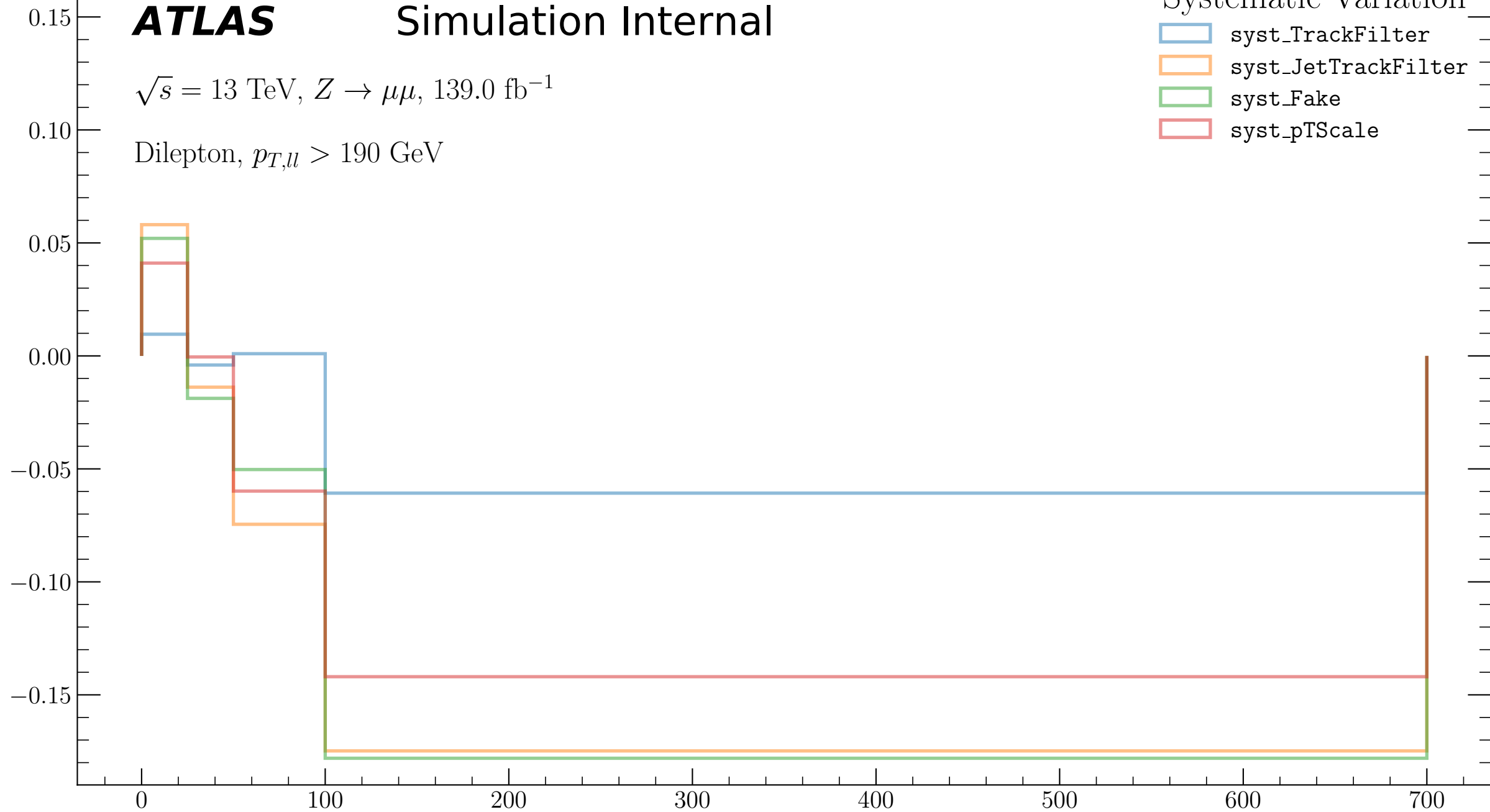
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$p_{T,j_2} \text{ [GeV]}$

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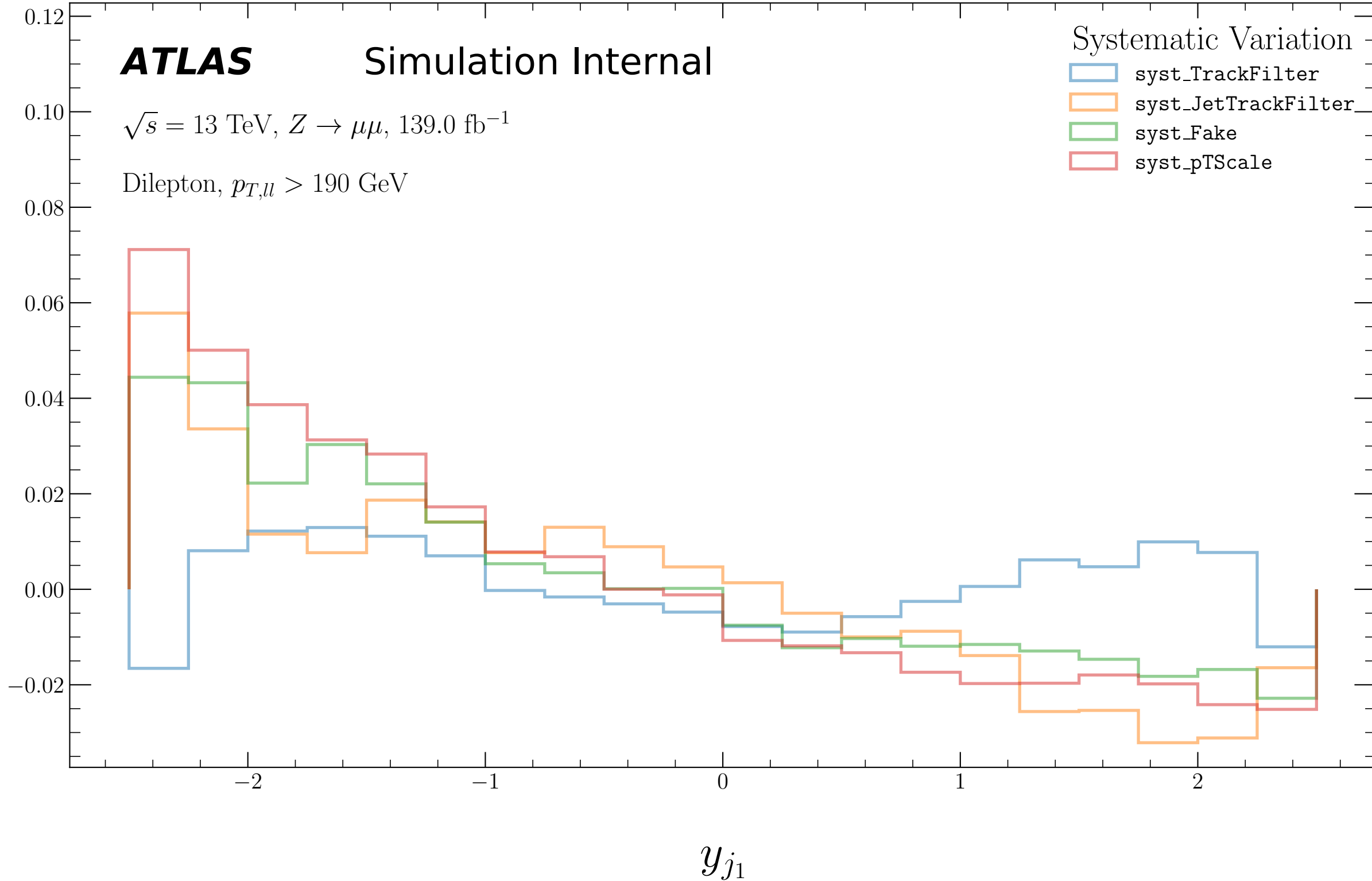
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ATLAS

Simulation Internal

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Systematic Variation

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- syst_Fake
- syst_pTScale

0.10
0.08
0.06
0.04
0.02
0.00
-0.02

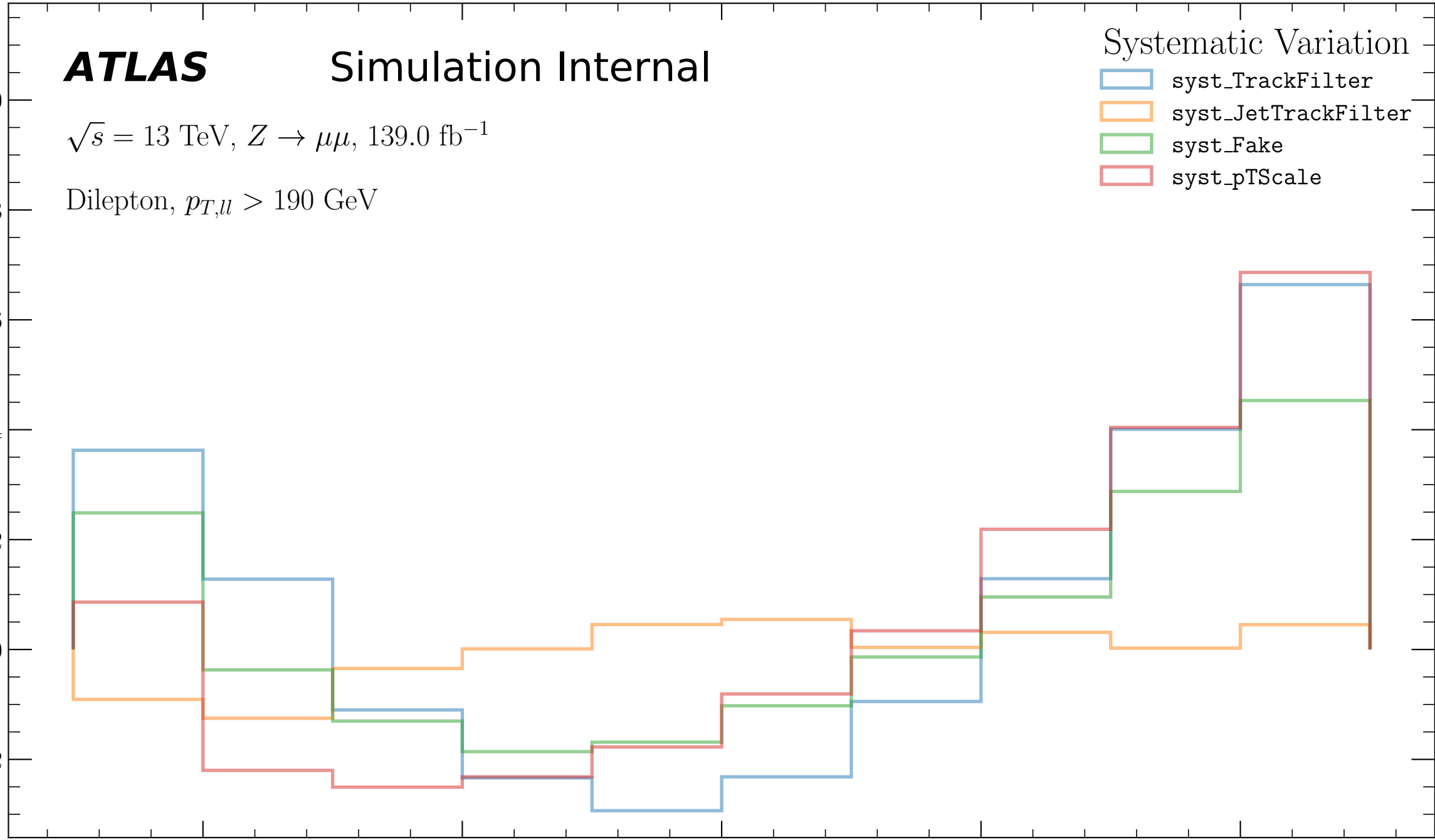
-2

-1

0

1

2

 y_{j_2} 

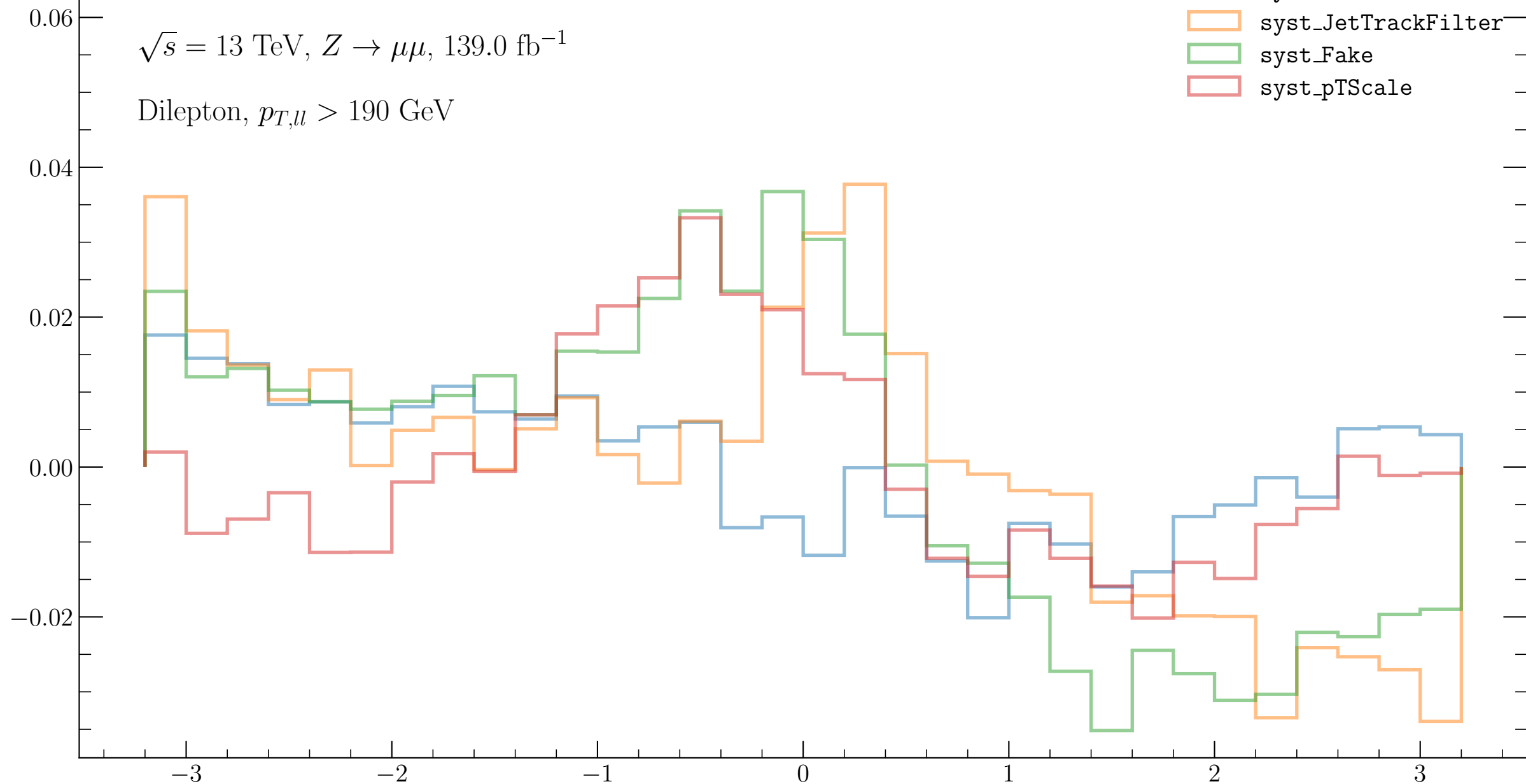
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 ϕ_{j_1}

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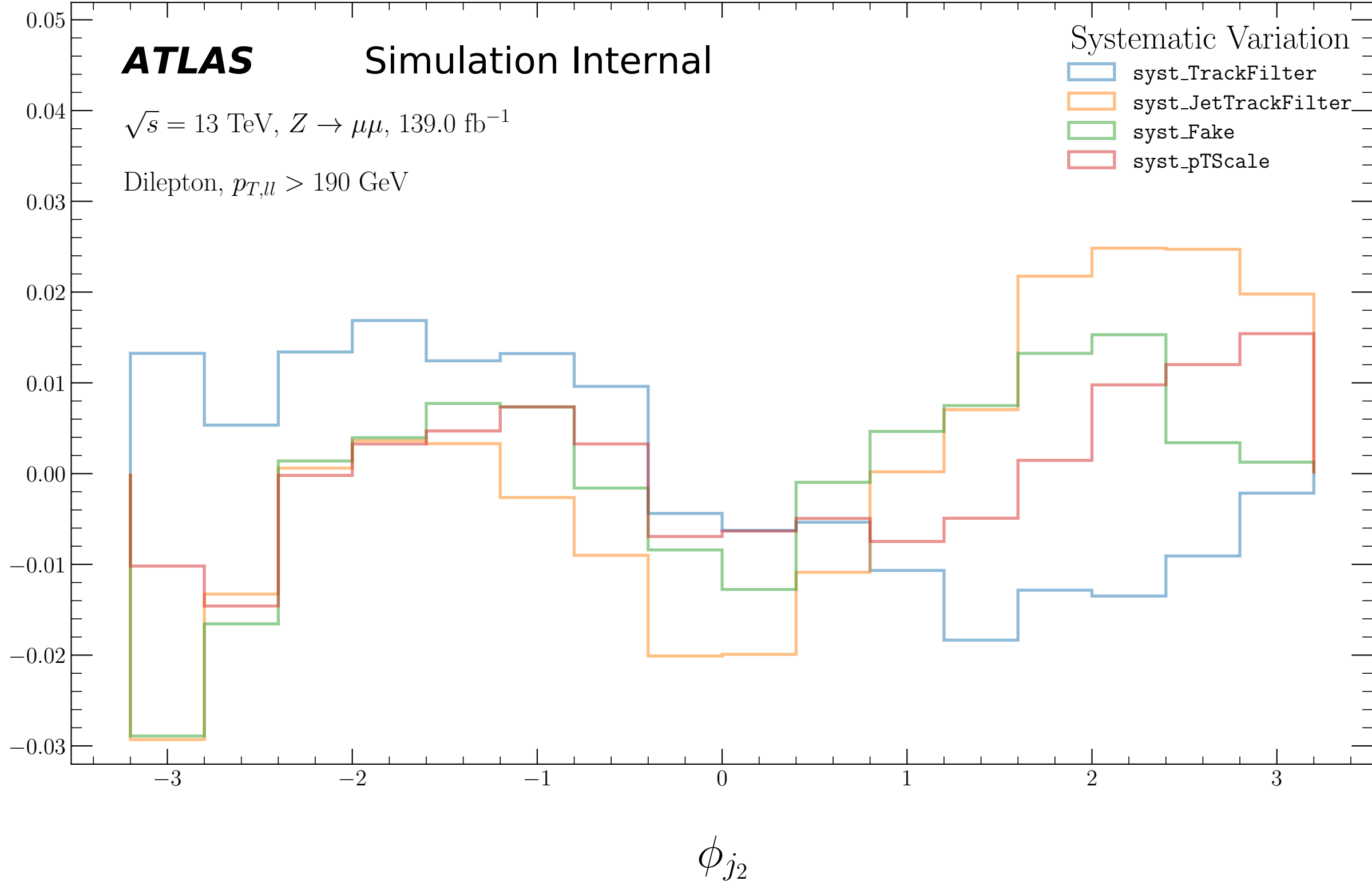
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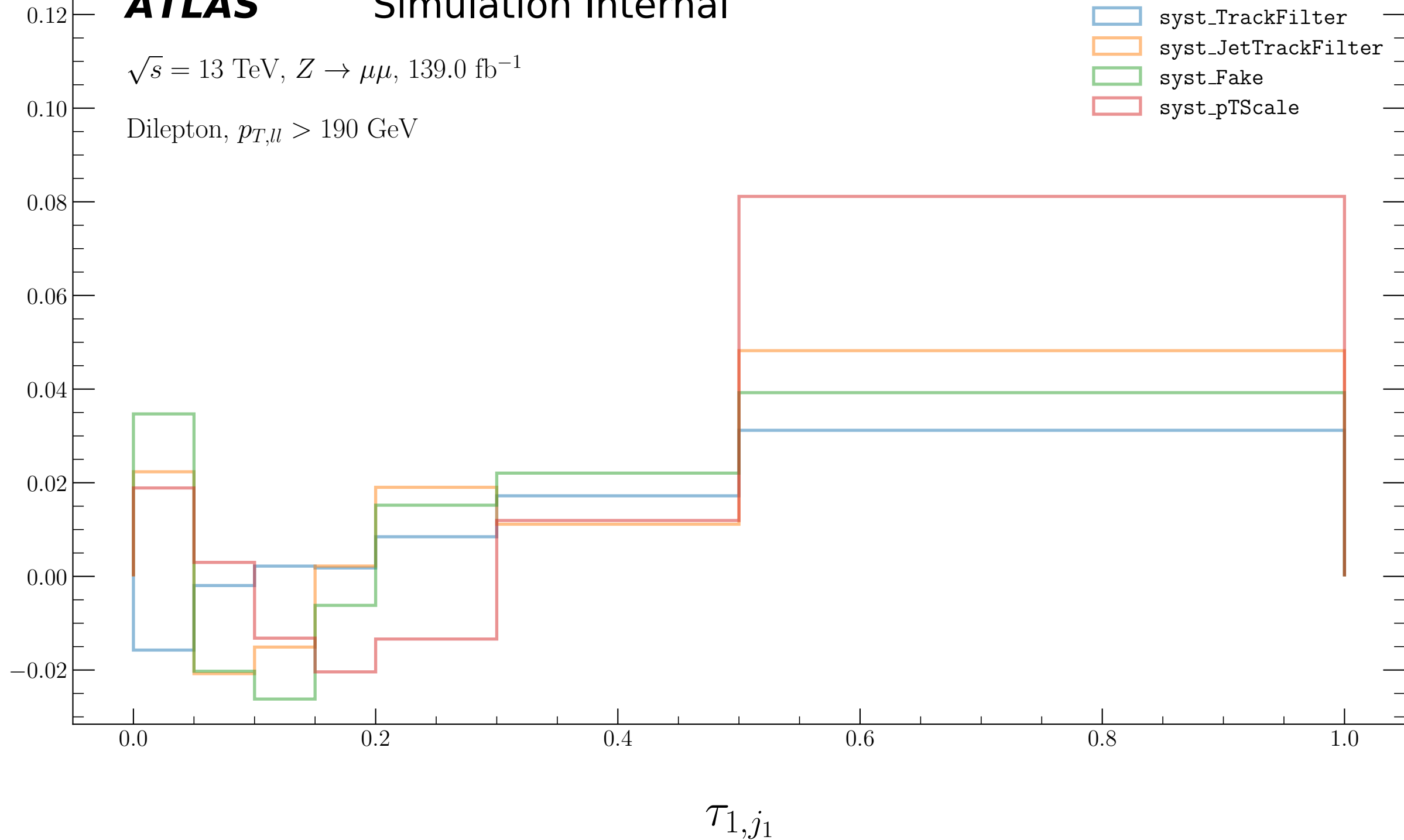
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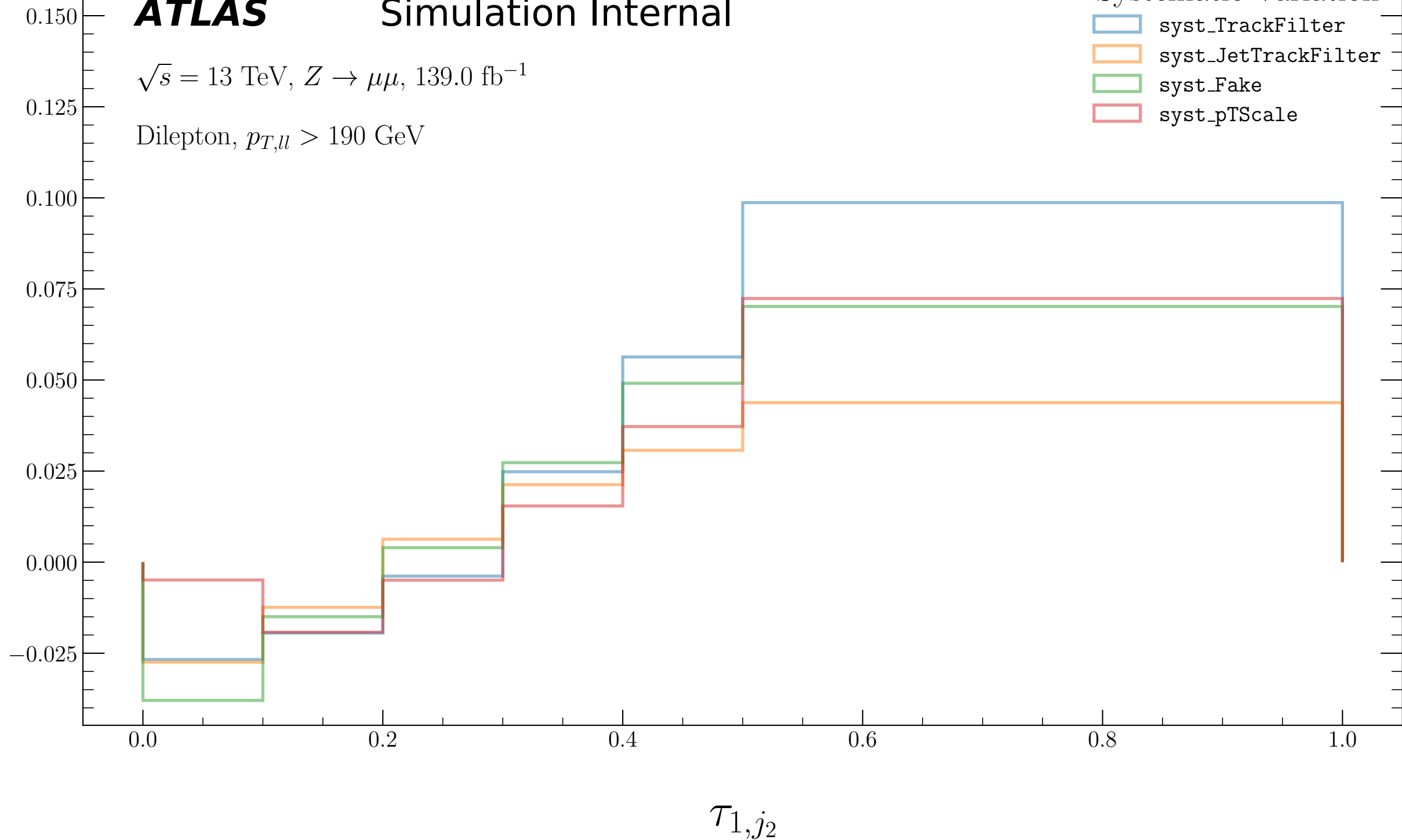
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Systematic Variation

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- syst_JetTrackFilter
- syst_Fake
- syst_pTScale

0.10
0.05
0.00
-0.05

0.0

0.1

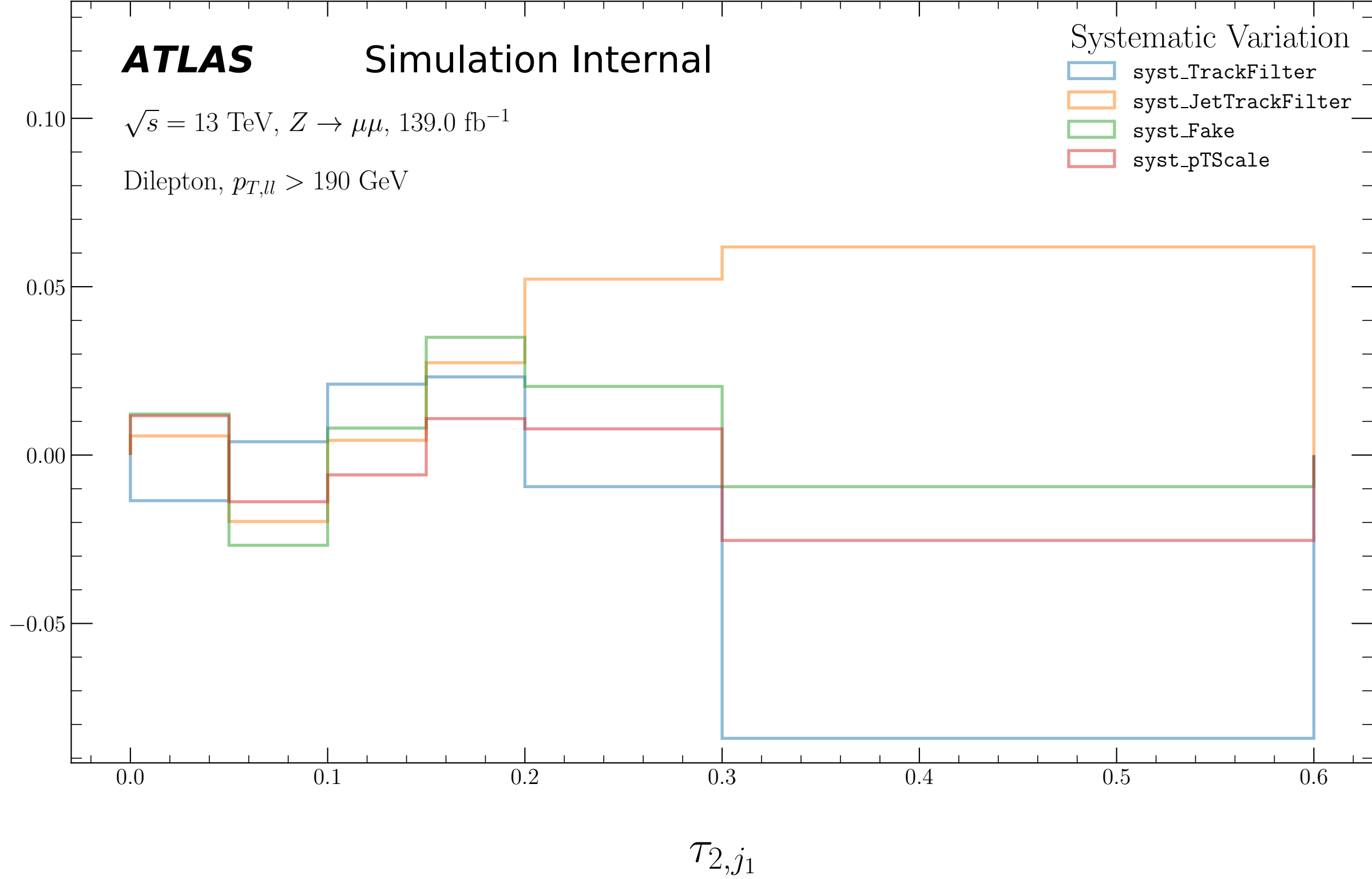
0.2

0.3

0.4

0.5

0.6

 τ_{2,j_1} 

Relative Systematic Effect (MultiFold)

ATLAS

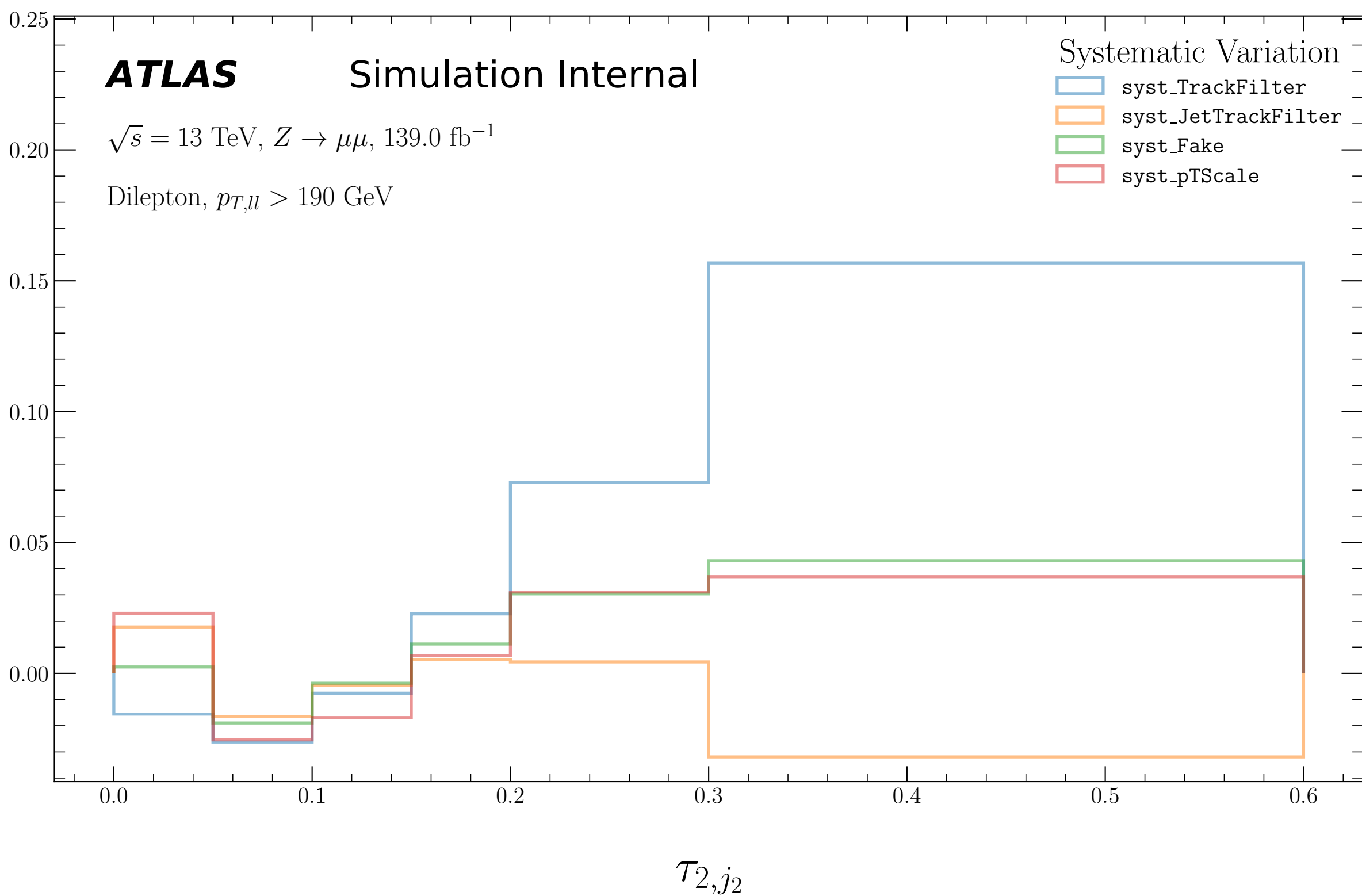
Simulation Internal

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Dilepton, $p_{T,l} > 190 \text{ GeV}$

Systematic Variation

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- syst_pTScale



Relative Systematic Effect (MultiFold)

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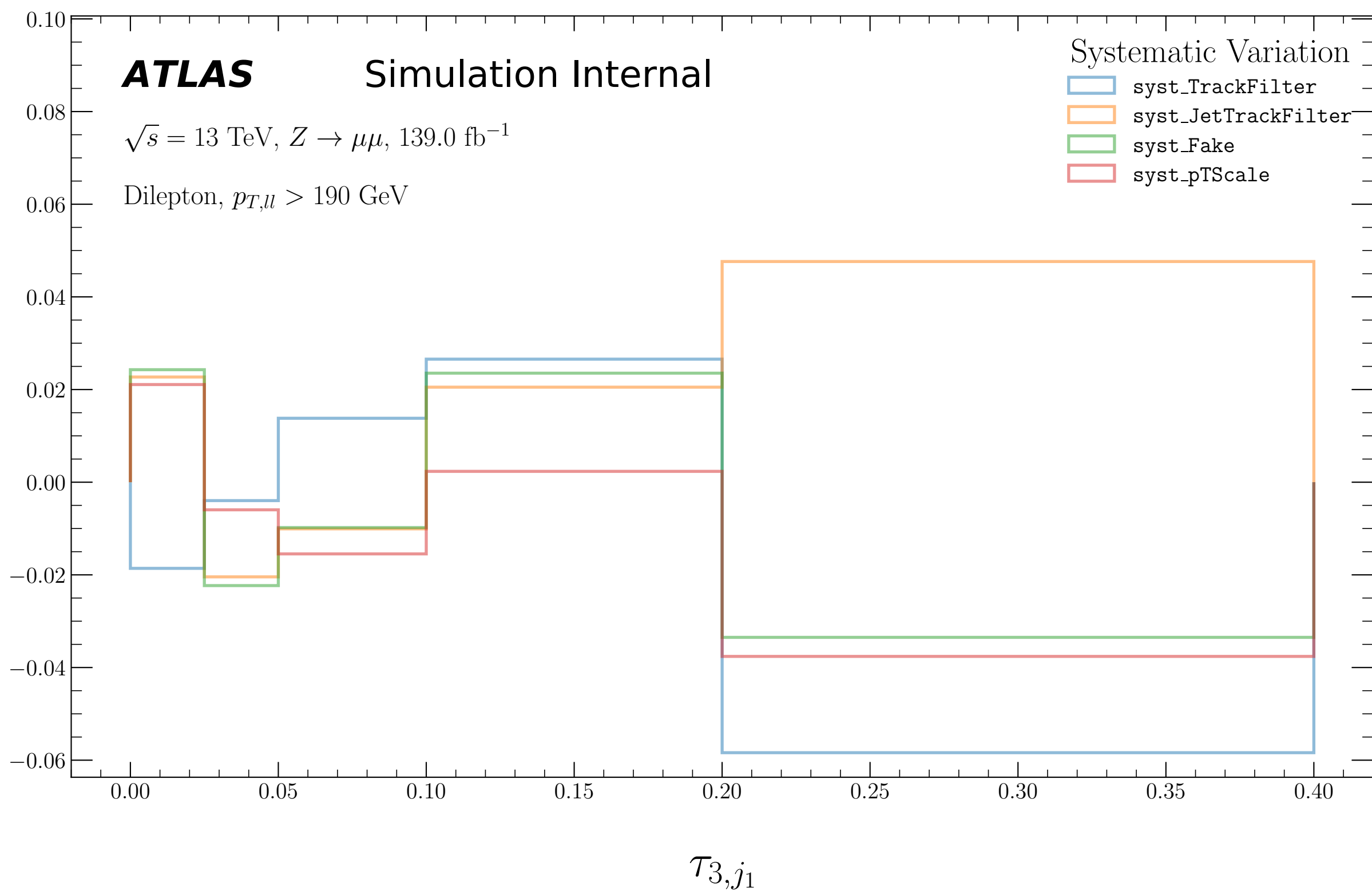
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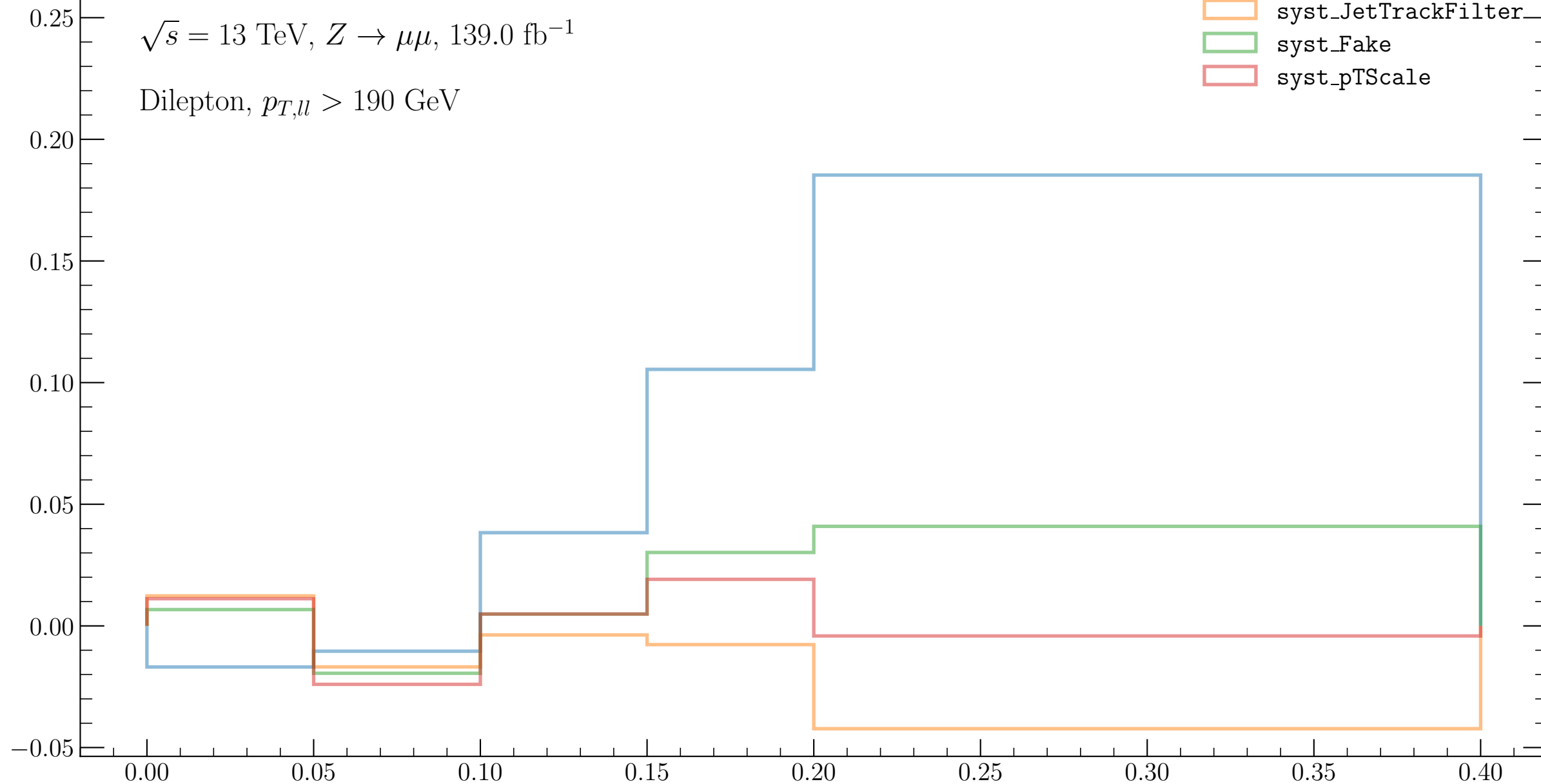
Simulation Internal

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Dilepton, $p_{T,\ell} > 190 \text{ GeV}$

Systematic Variation

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- syst_pTScale



τ_{3,j_2}

Relative Systematic Effect (MultiFold)

ATLAS

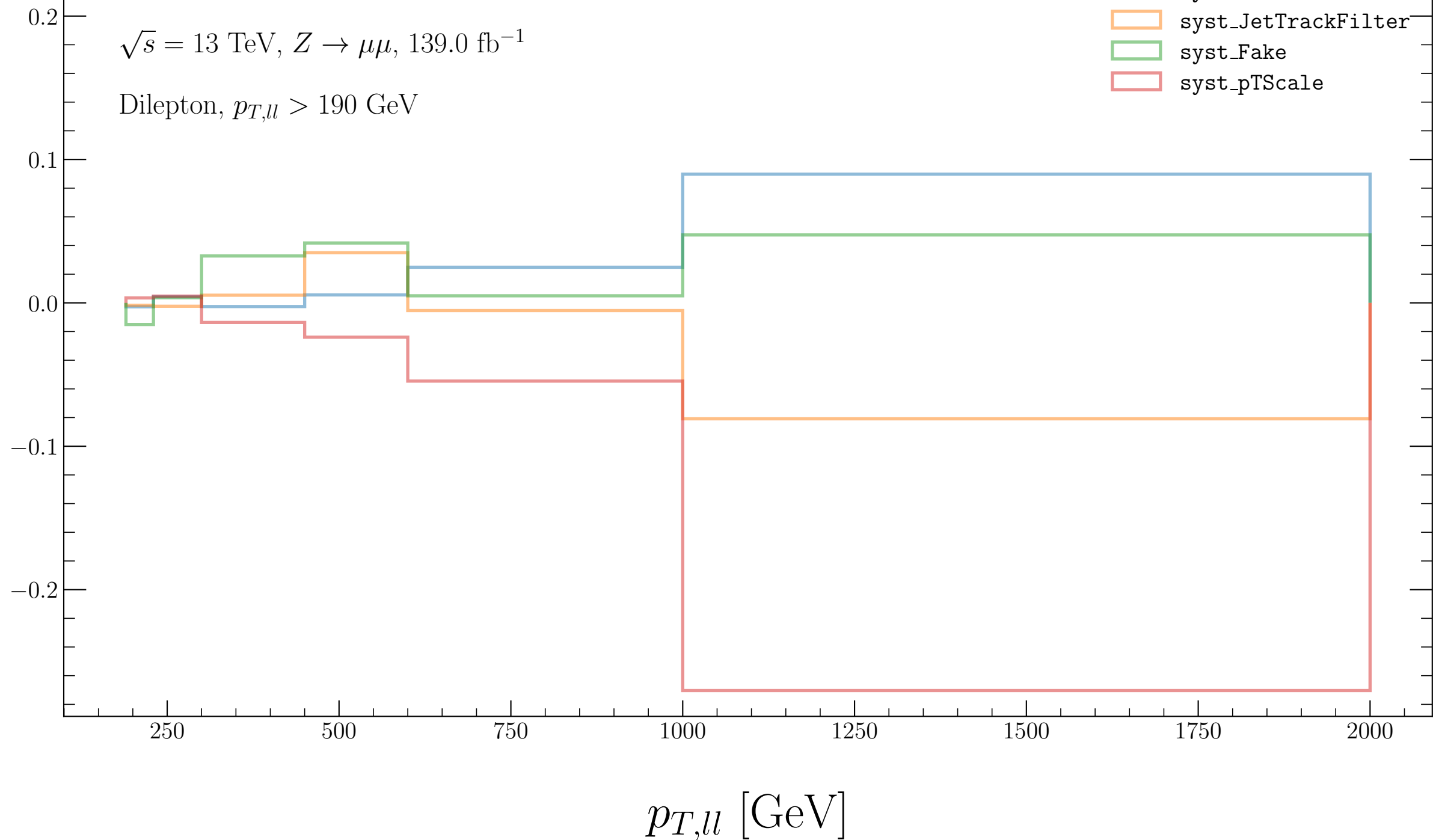
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Dilepton, $p_{T,l} > 190 \text{ GeV}$

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0.10
0.08
0.06
0.04
0.02
0.00



-2

-1

0

1

2

y_l

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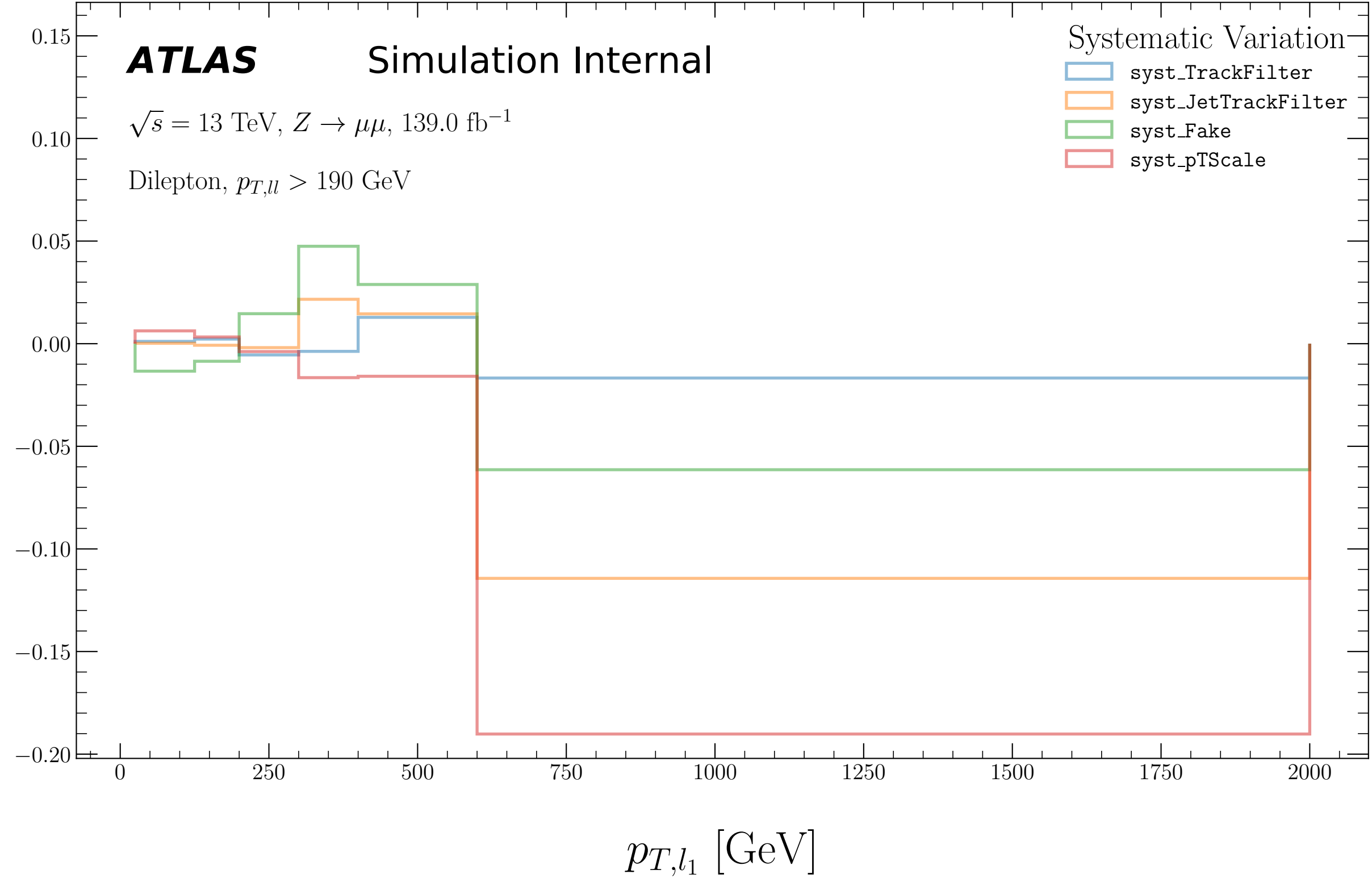
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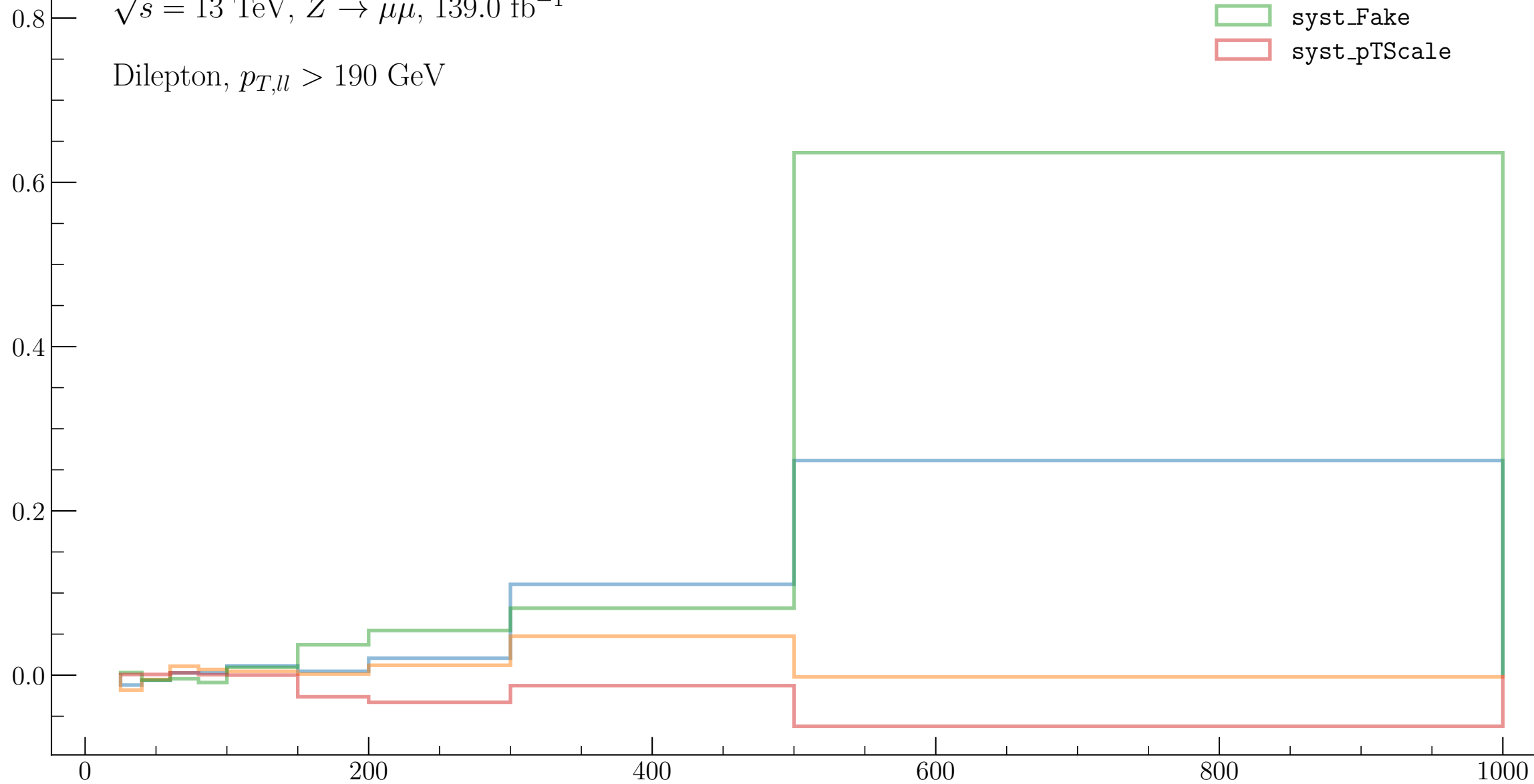
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 p_{T,l_2} [GeV]

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0.10
0.08
0.06
0.04
0.02
0.00



-2

-1

0

1

2

η_{l_1}

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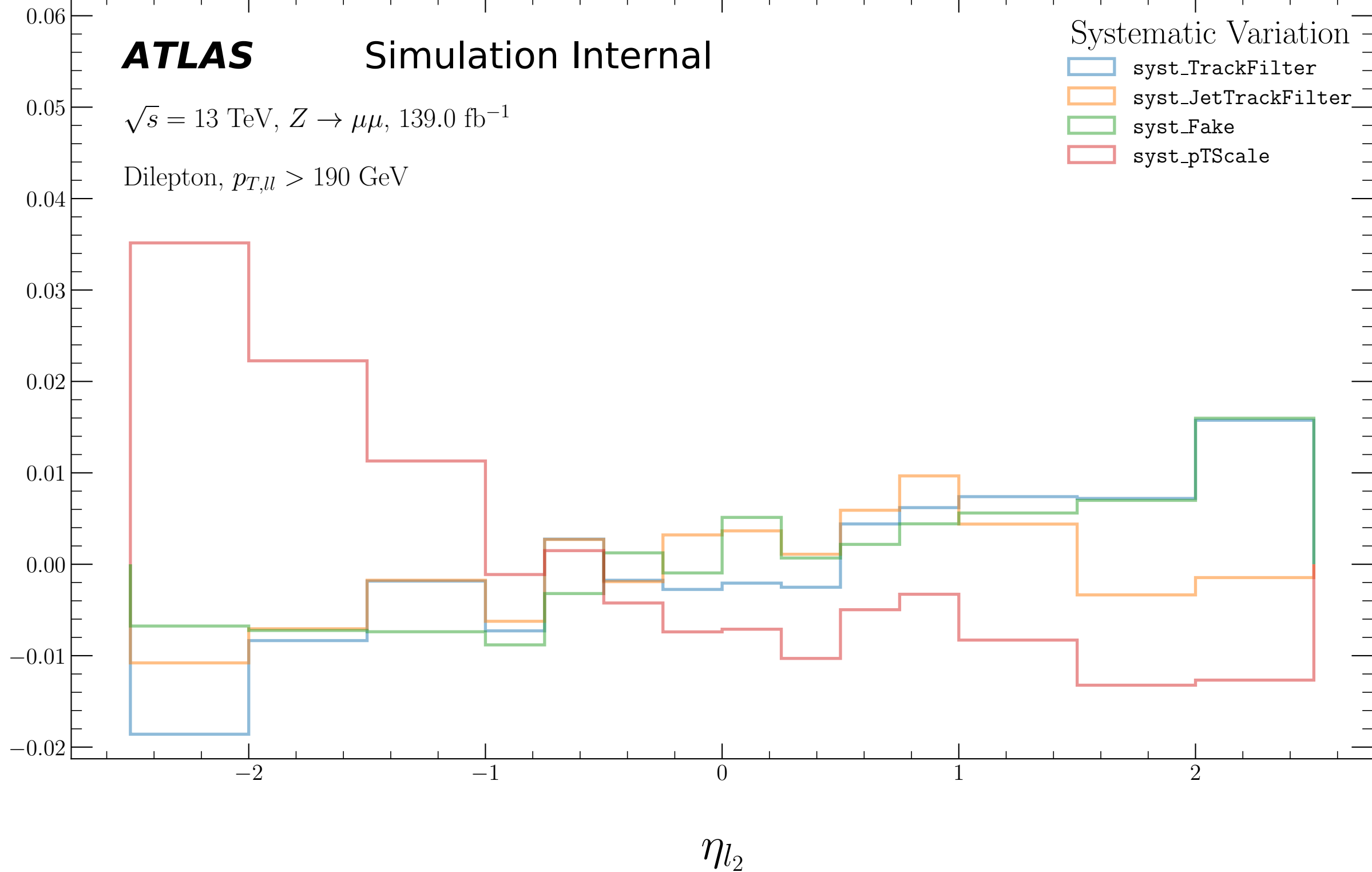
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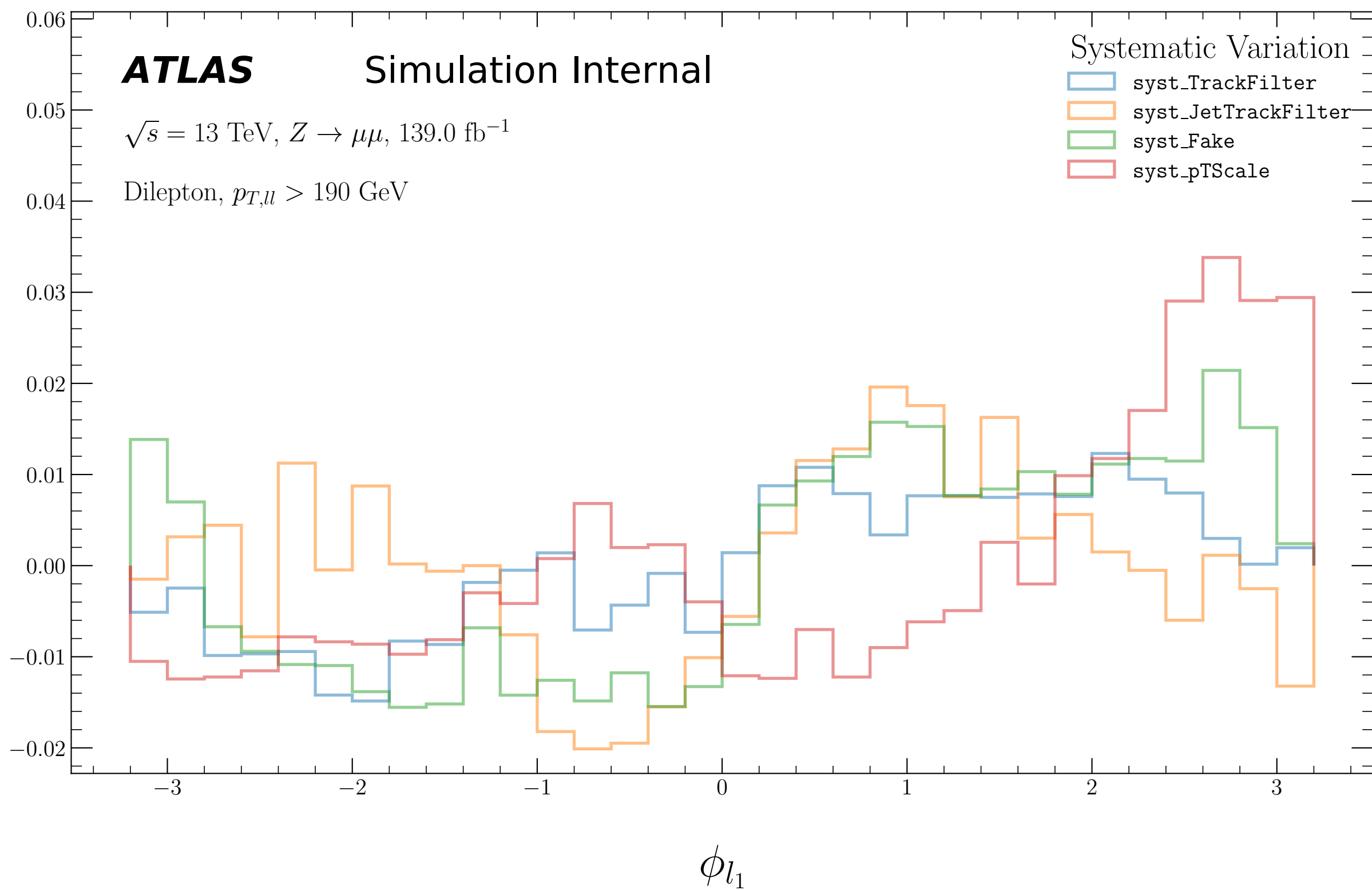
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