

Relative Systematic Effect (UniFold)

ATLAS

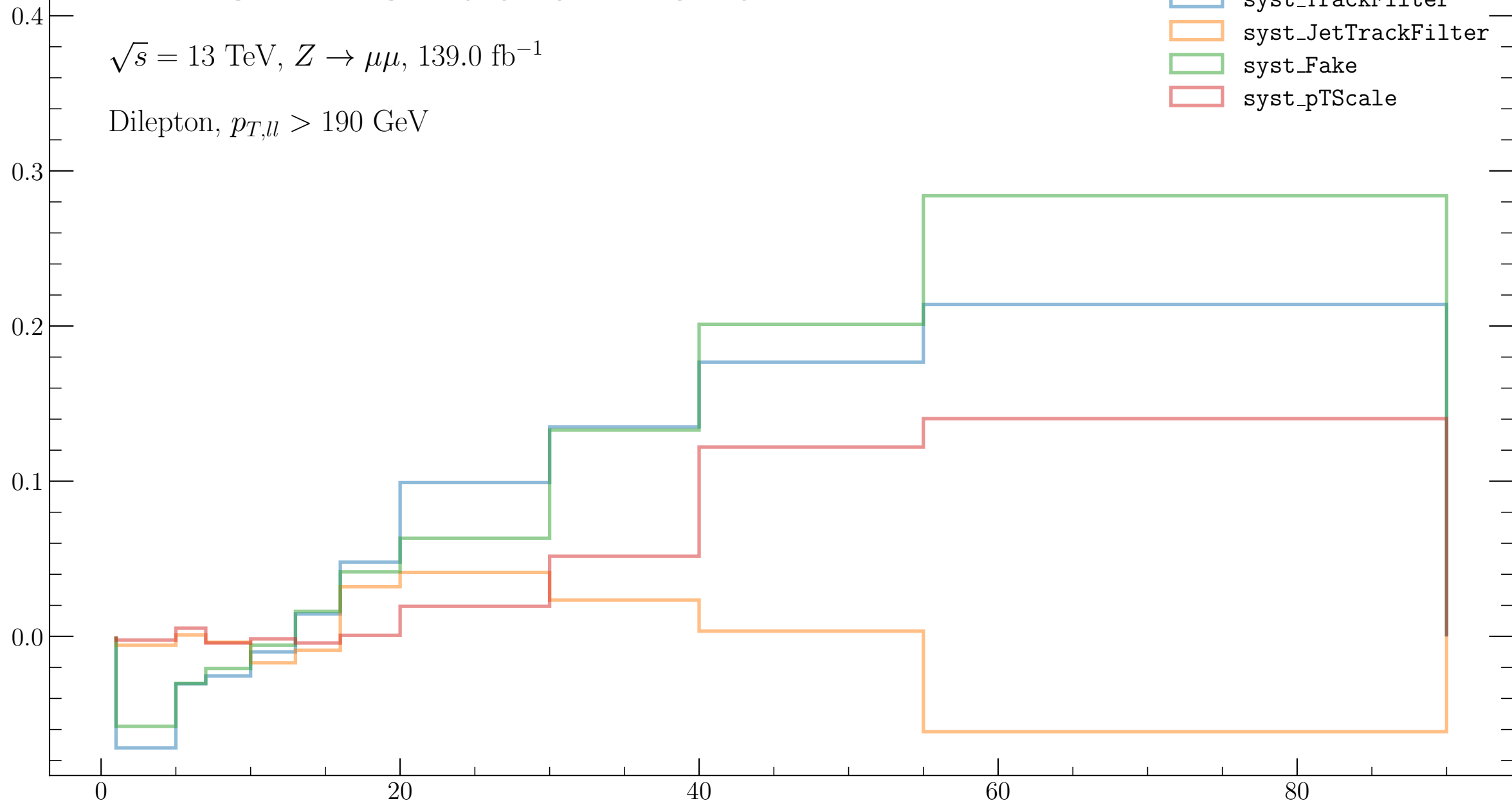
Simulation Internal

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

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

Systematic Variation

- syst_TrackFilter
- syst_JetTrackFilter
- syst_Fake
- syst_pTScale



Leading track jet n_{ch}

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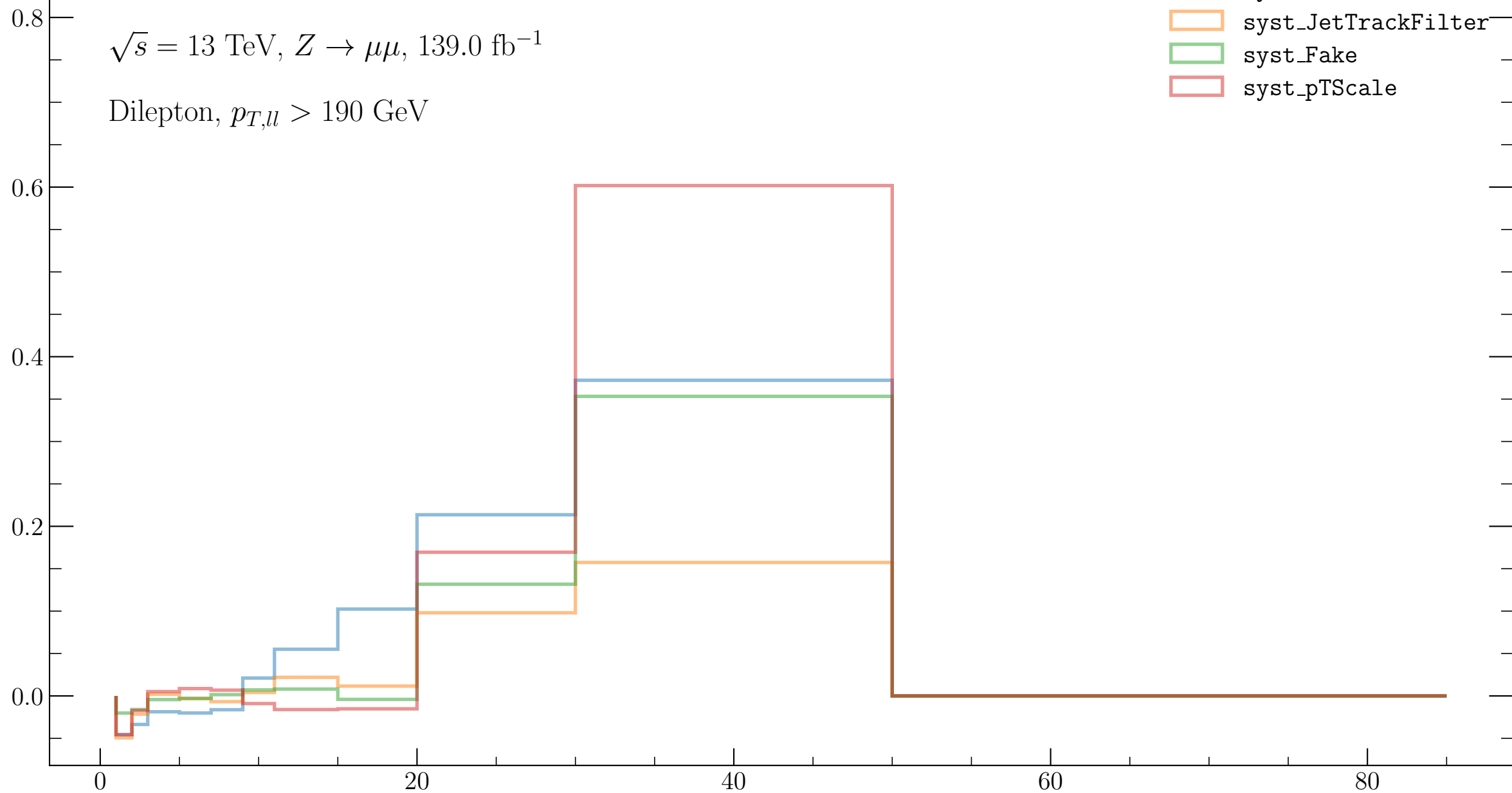
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Subleading track jet n_{ch}

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0.20
0.15
0.10
0.05
0.00

0

10

20

30

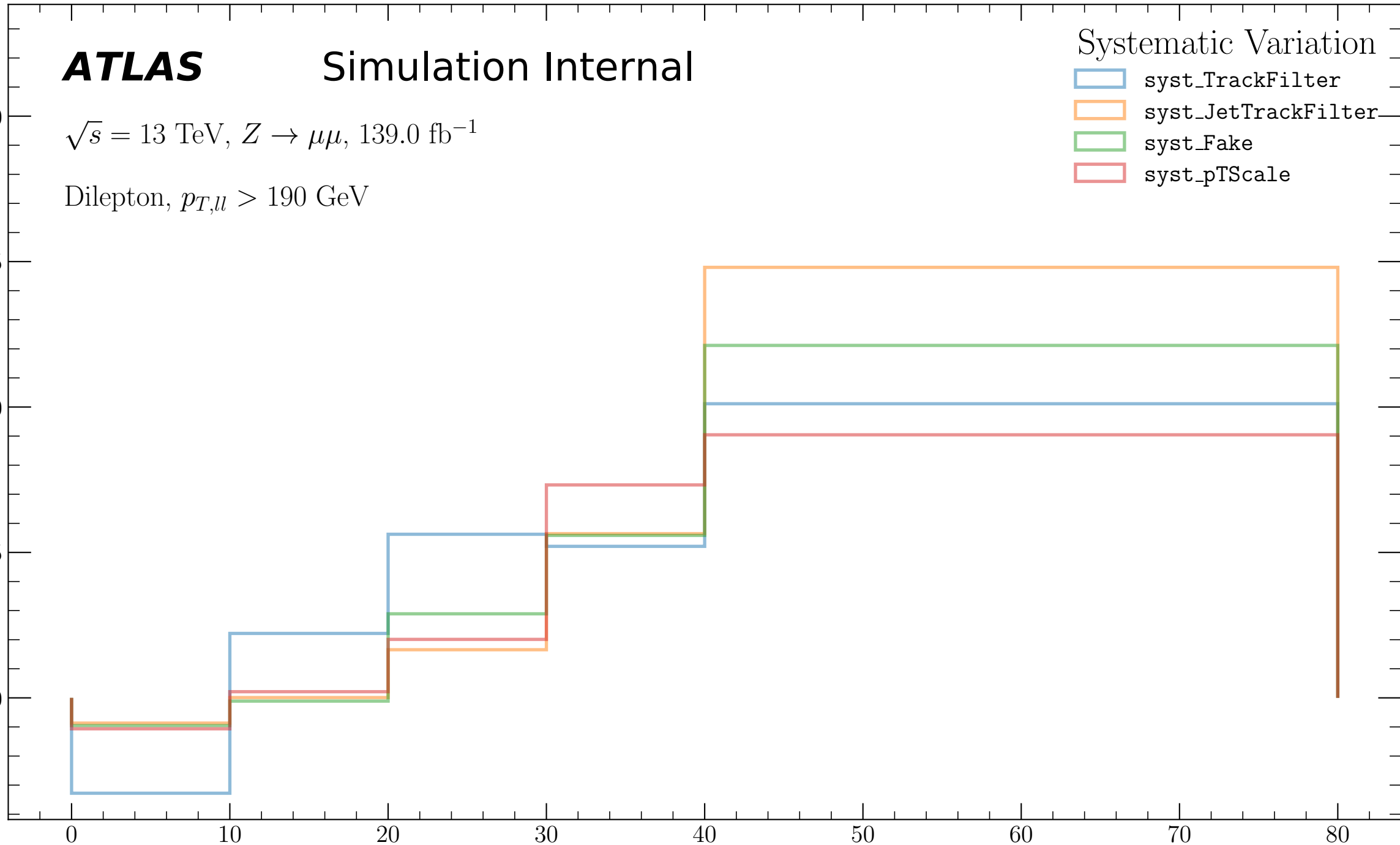
40

50

60

70

80

Leading track jet m [GeV]

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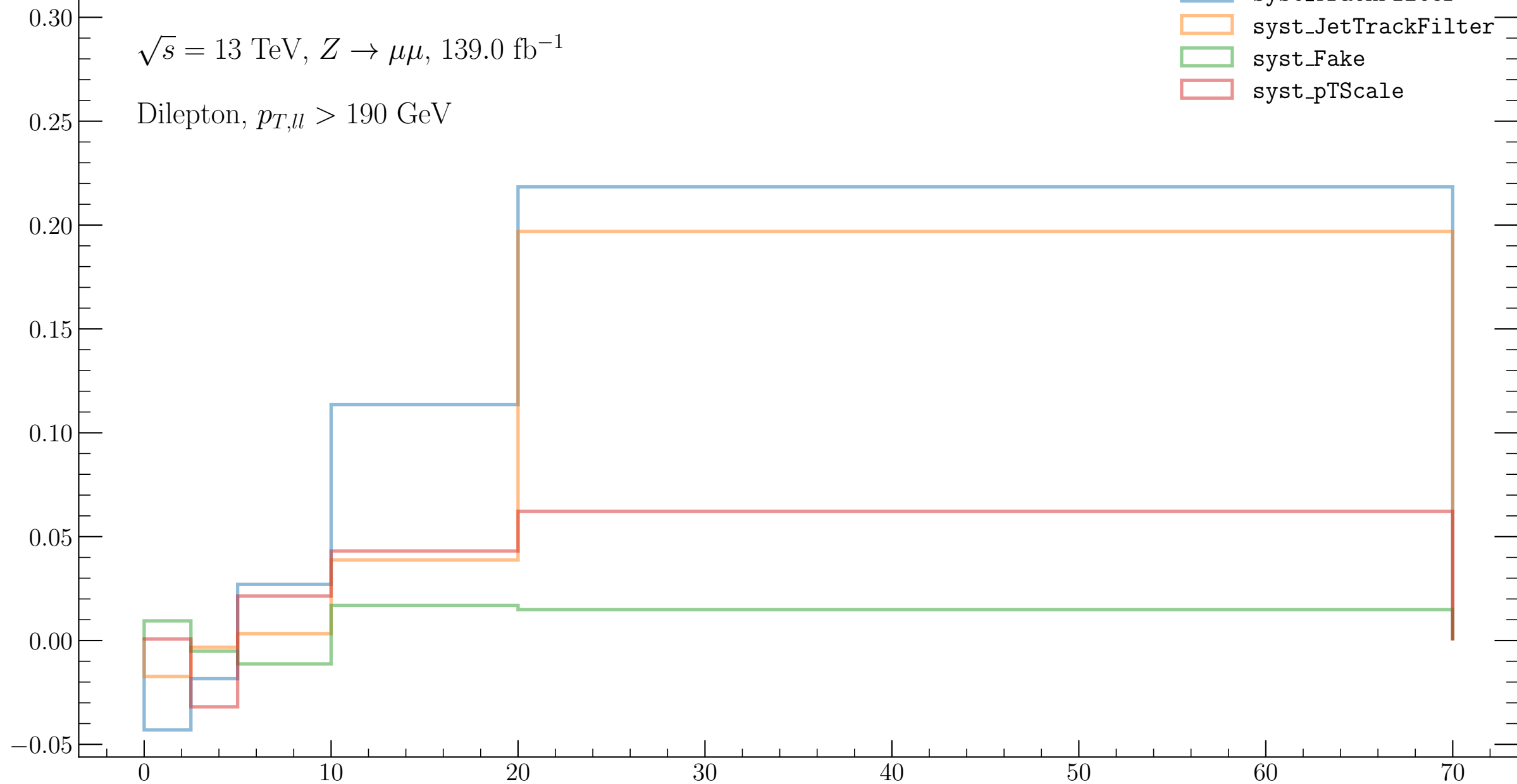
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Subleading track jet m [GeV]

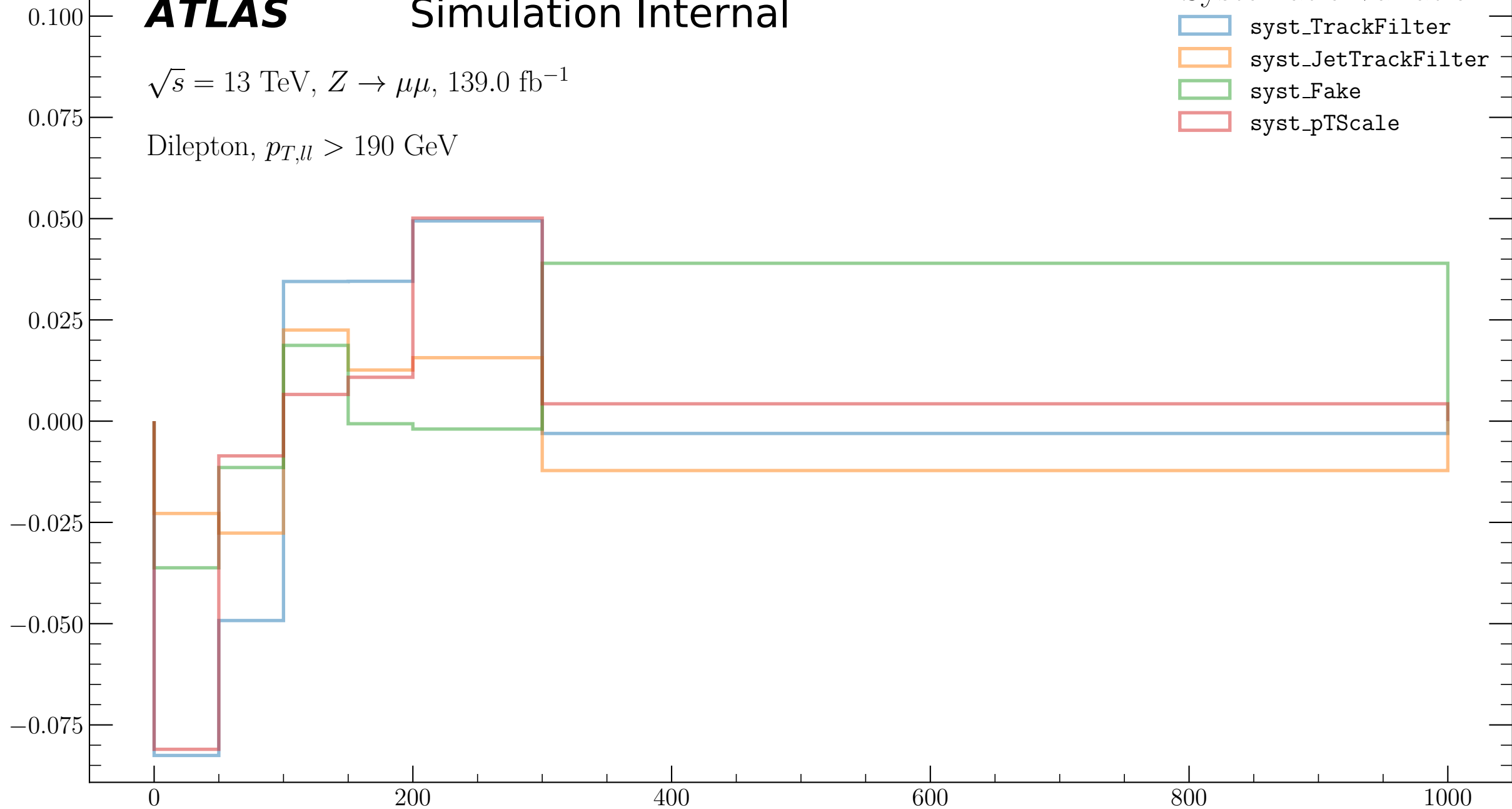
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Leading track jet p_T [GeV]

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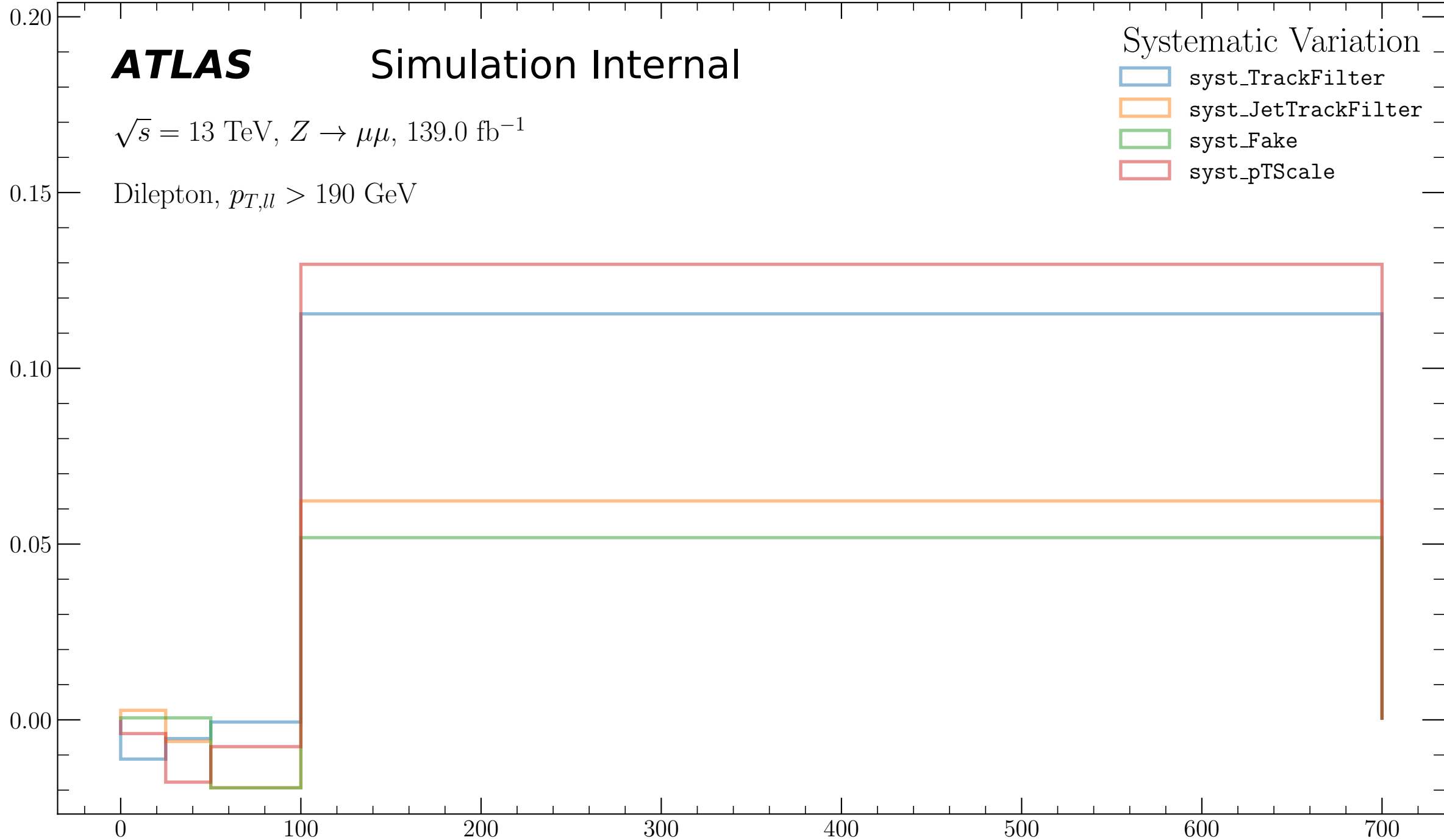
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Dilepton, $p_{T,\ell} > 190 \text{ GeV}$

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Subleading track jet p_T [GeV]

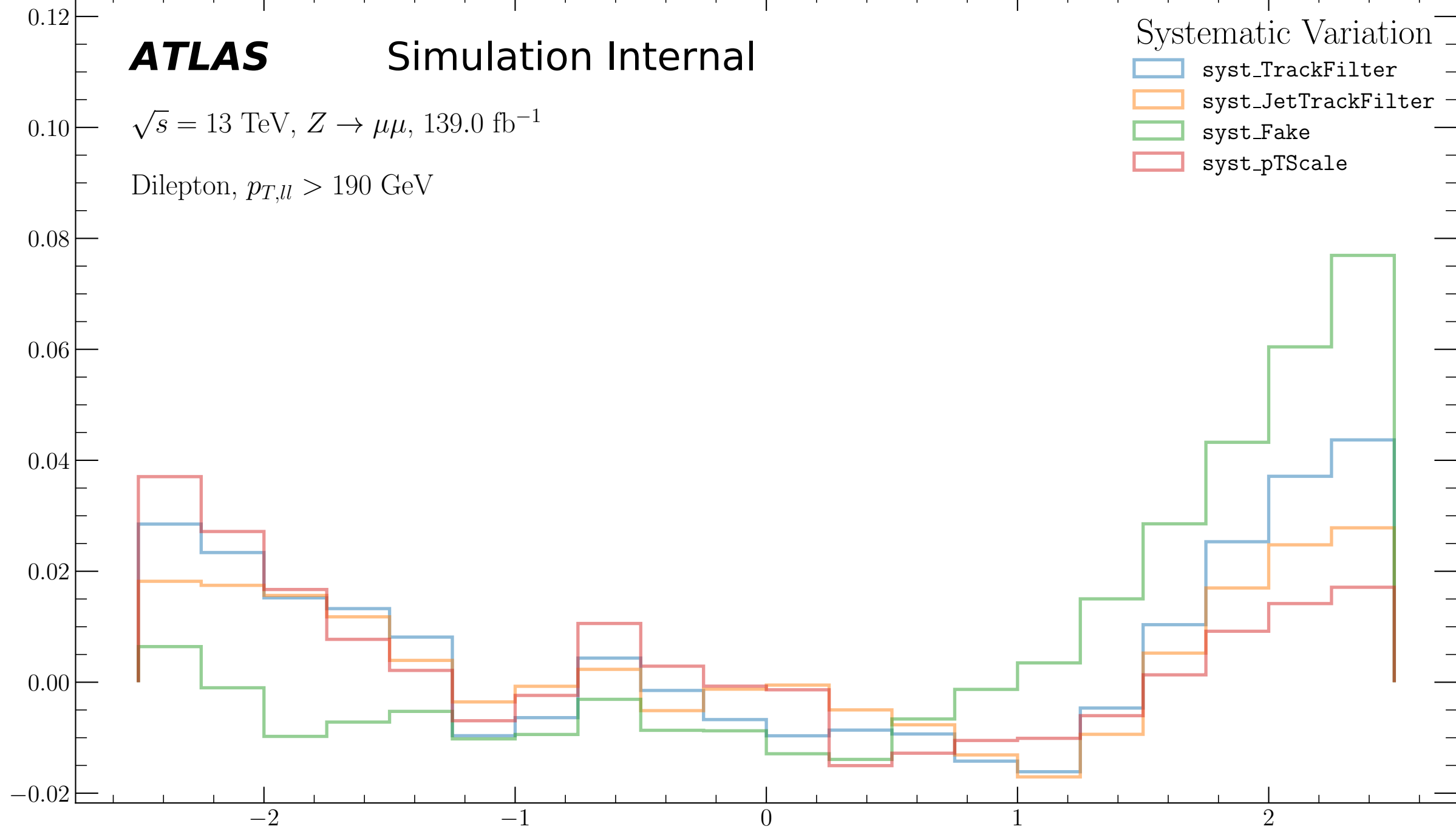
ATLAS

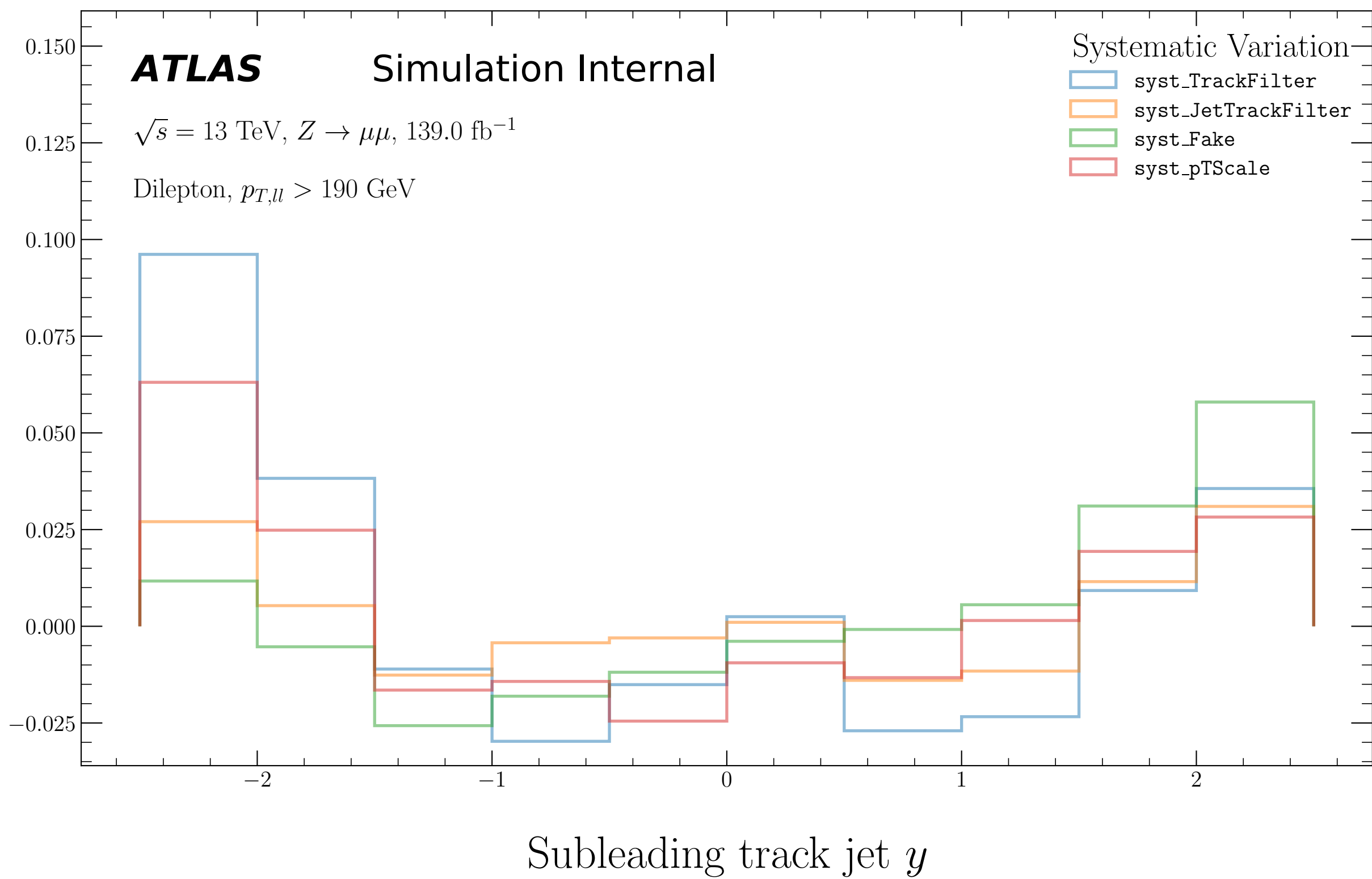
Simulation Internal

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Leading track jet y



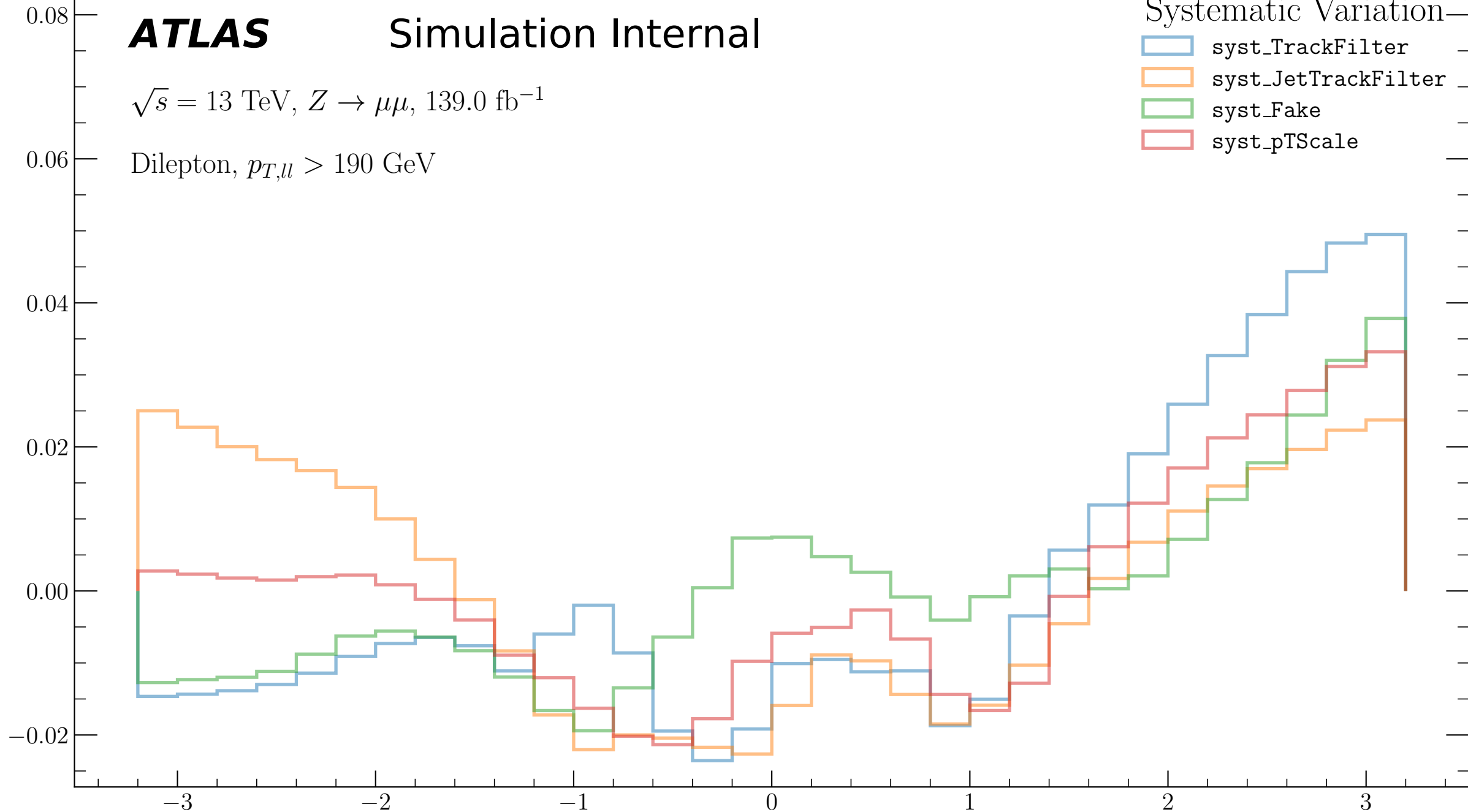
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Systematic Variation

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Leading track jet ϕ

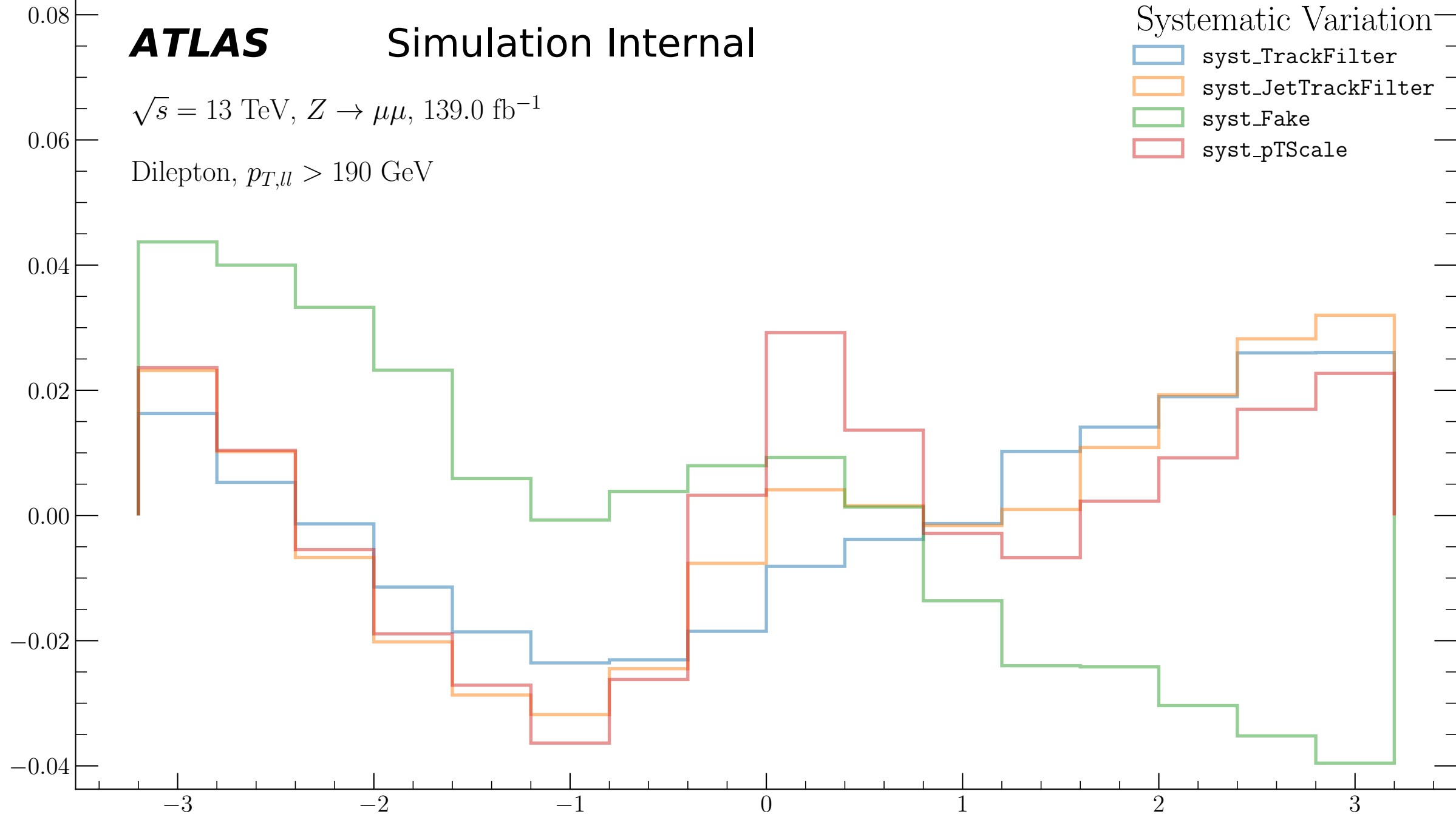
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Simulation Internal

 $\sqrt{s} = 13 \text{ TeV}, Z \rightarrow \mu\mu, 139.0 \text{ fb}^{-1}$ Dilepton, $p_{T,\ell} > 190 \text{ GeV}$

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Subleading track jet ϕ

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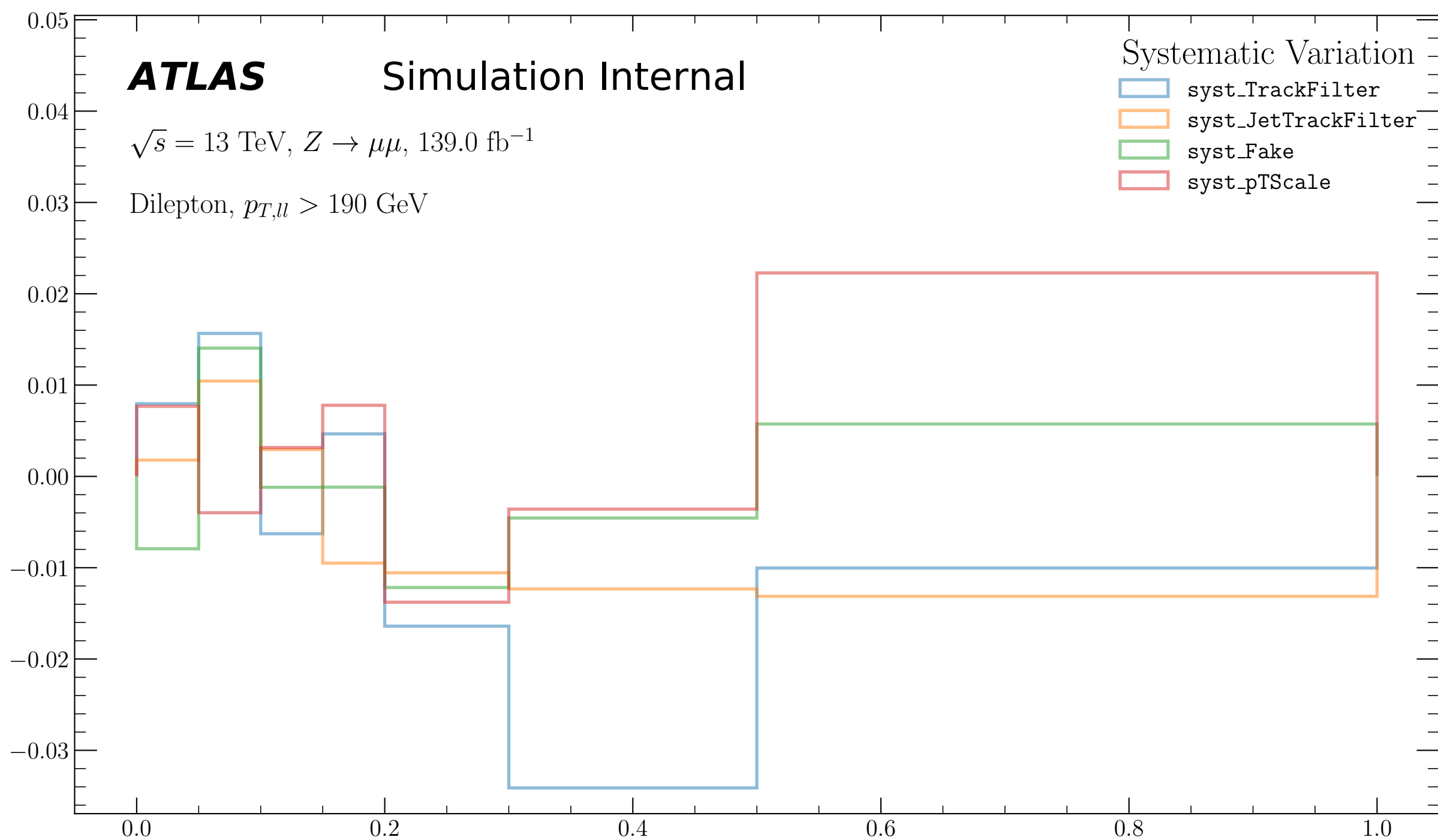
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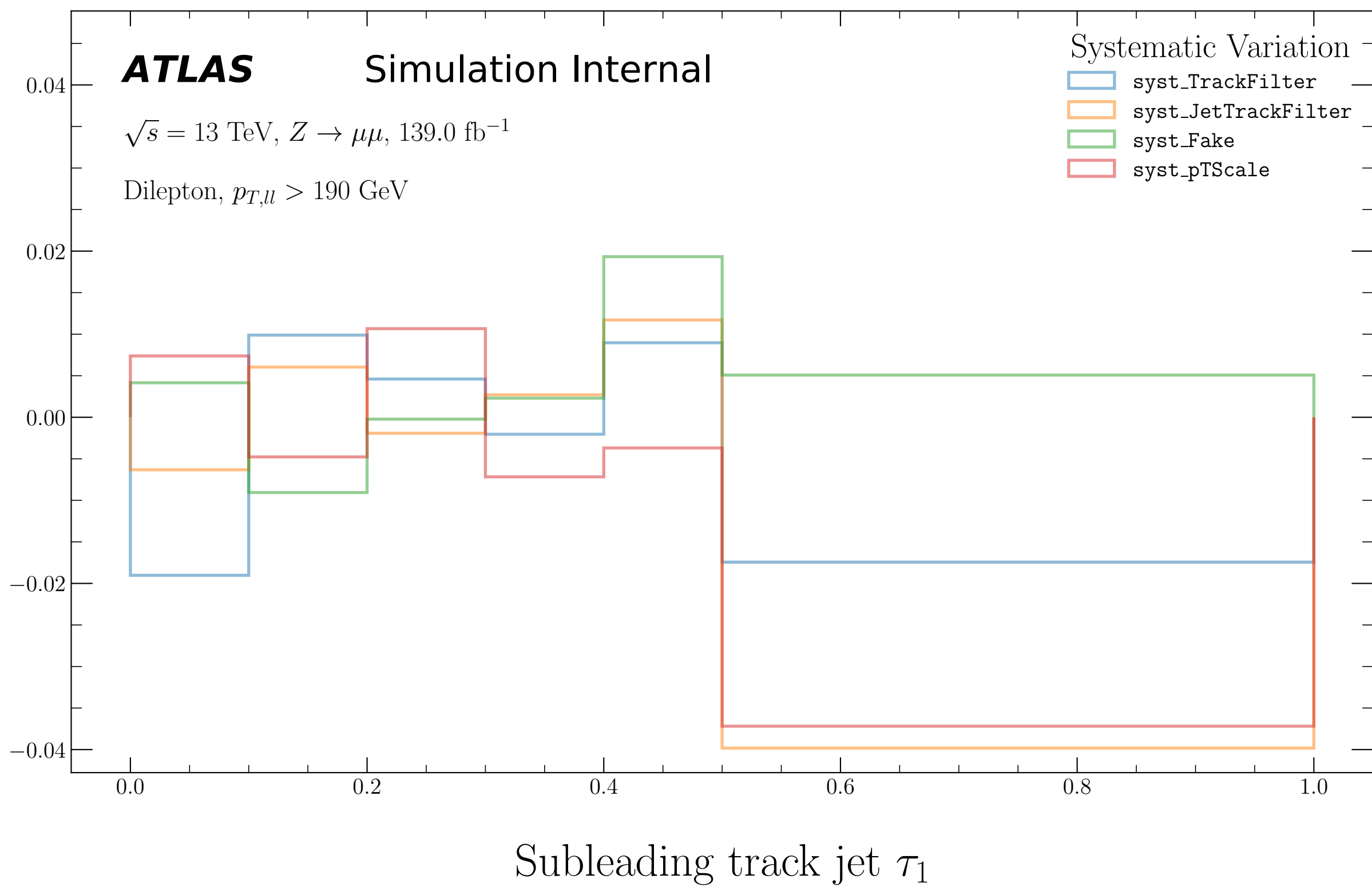
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Leading track jet τ_1



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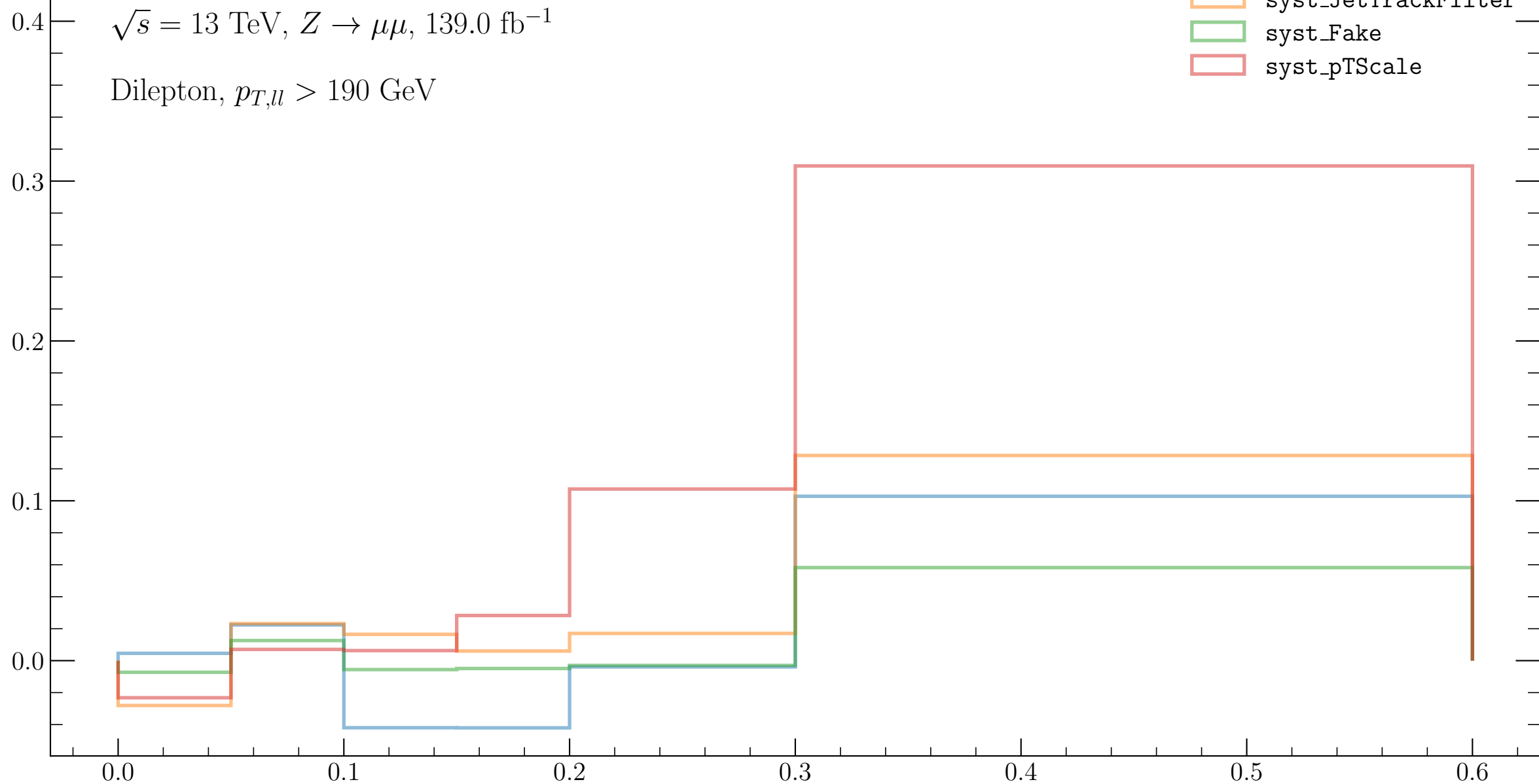
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Leading track jet τ_2

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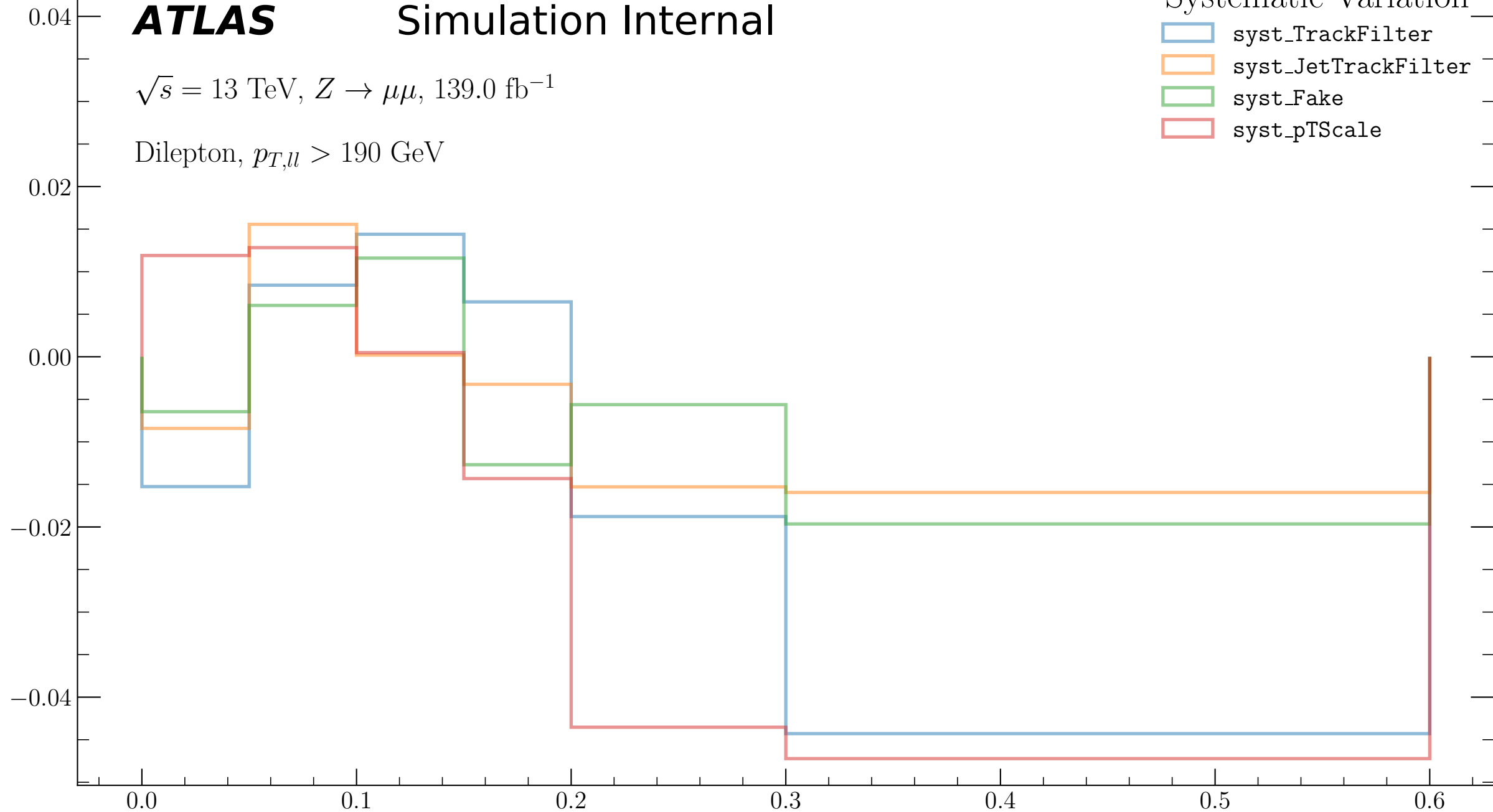
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Systematic Variation

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- syst_pTScale



Subleading track jet τ_2

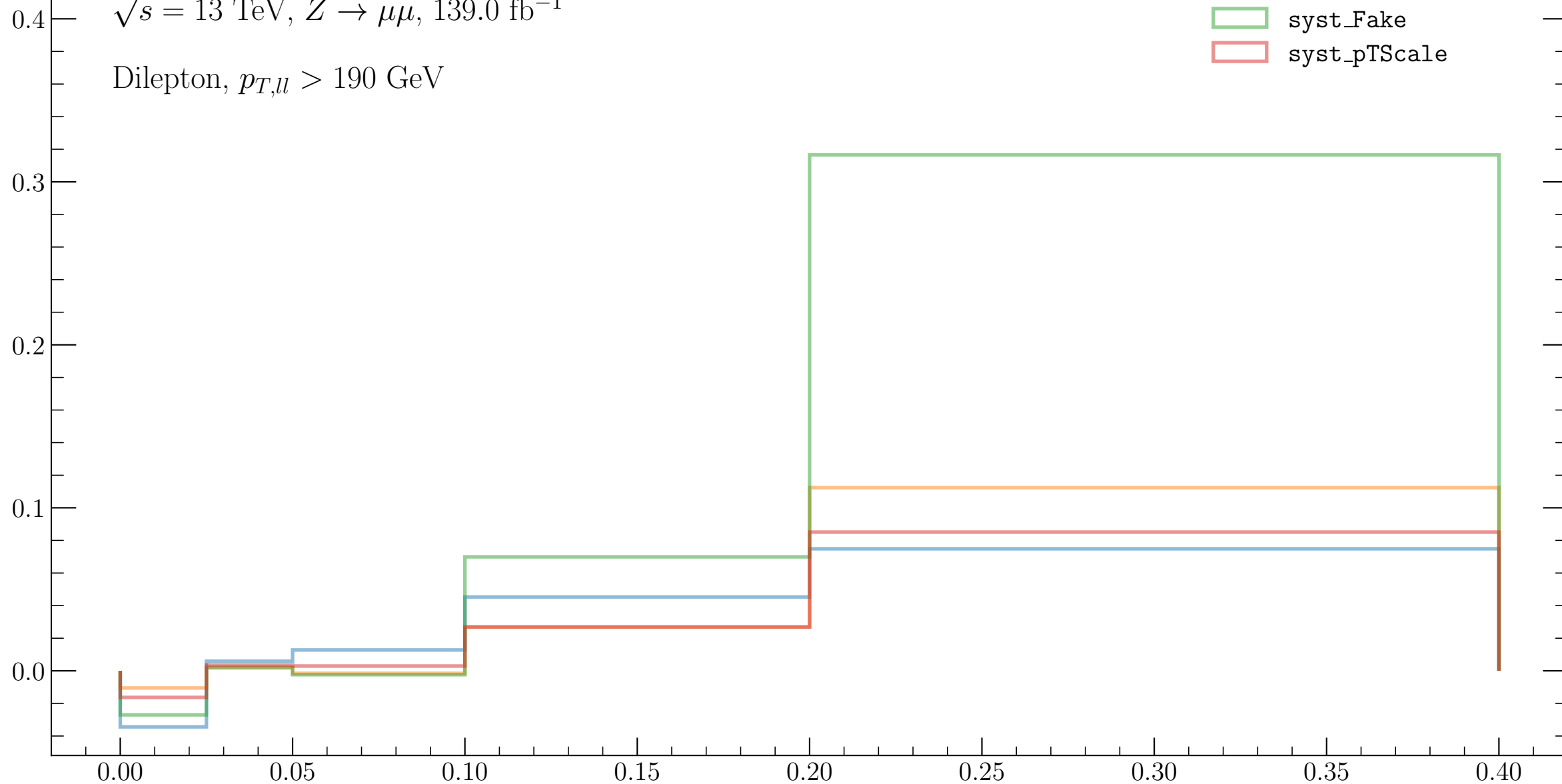
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- syst_pTScale

Leading track jet τ_3

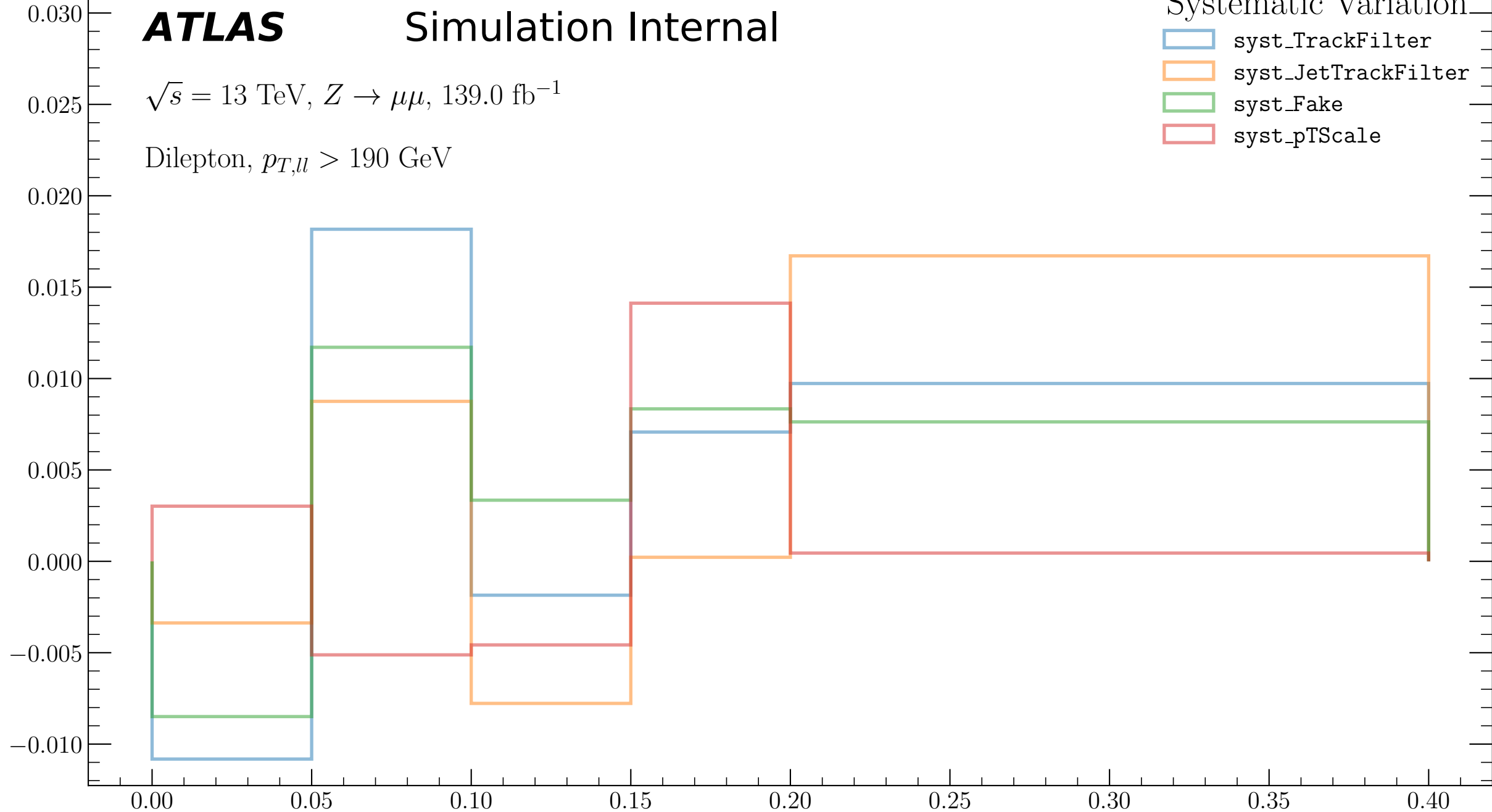
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Systematic Variation

- syst_TrackFilter
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- syst_Fake
- syst_pTScale

Subleading track jet τ_3