

$\Delta Z(\text{ELECTRON, LEADING}) < 2.2$

VARSHA RAMAKRISHNAN

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Presenter Name and Title



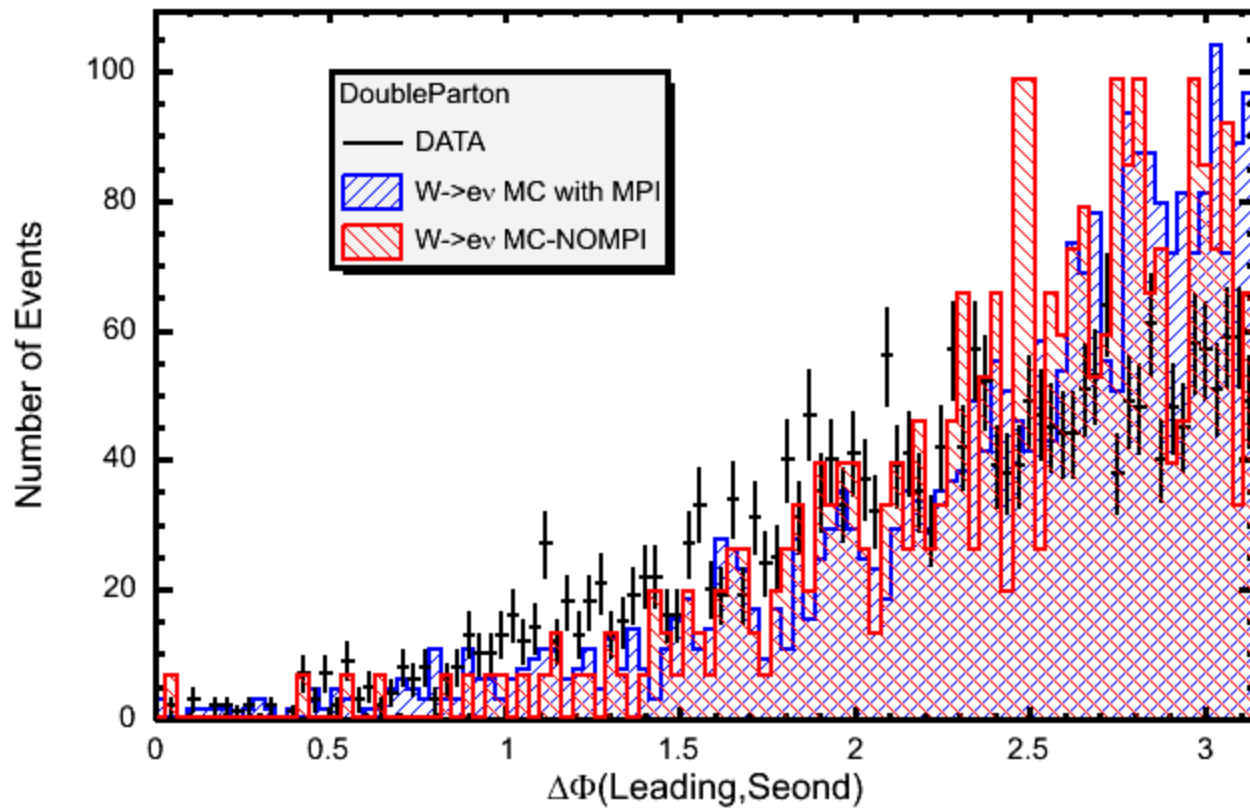
Tight/W/MET Cuts

- Tight electron cuts applied to select the Electron from the Ntuple
- Electron-Jet object removed from the Jets in the Ntuple
- Jets with L5 JES corrected $ET > 5 \text{ GeV}$ and $|\eta| < 2$ selected
- $\Delta R(\text{Electron}, \text{Closest-Jet}) > 0.92 (1.3 * \text{radius of cone})$
- $\Delta\phi(\text{MET}, \text{All-Jets}) > 0.7$
- Missing ET corrected for Muons/Jets-Selected
- ONLY ONE Tight-Electron, $\text{MET} > 30 \text{ GeV}$, Transverse Mass $> 50 \text{ GeV}$
- At least TWO Jets (as selected above)
- Above Leading/.Second Jet need to have at least TWO TRACKS in them

After Number of Tracks in both Jets ≥ 2 Cut

$\Delta\phi(\text{Electron}, \Sigma \text{Jet } P_{T\perp}) > 2.95$

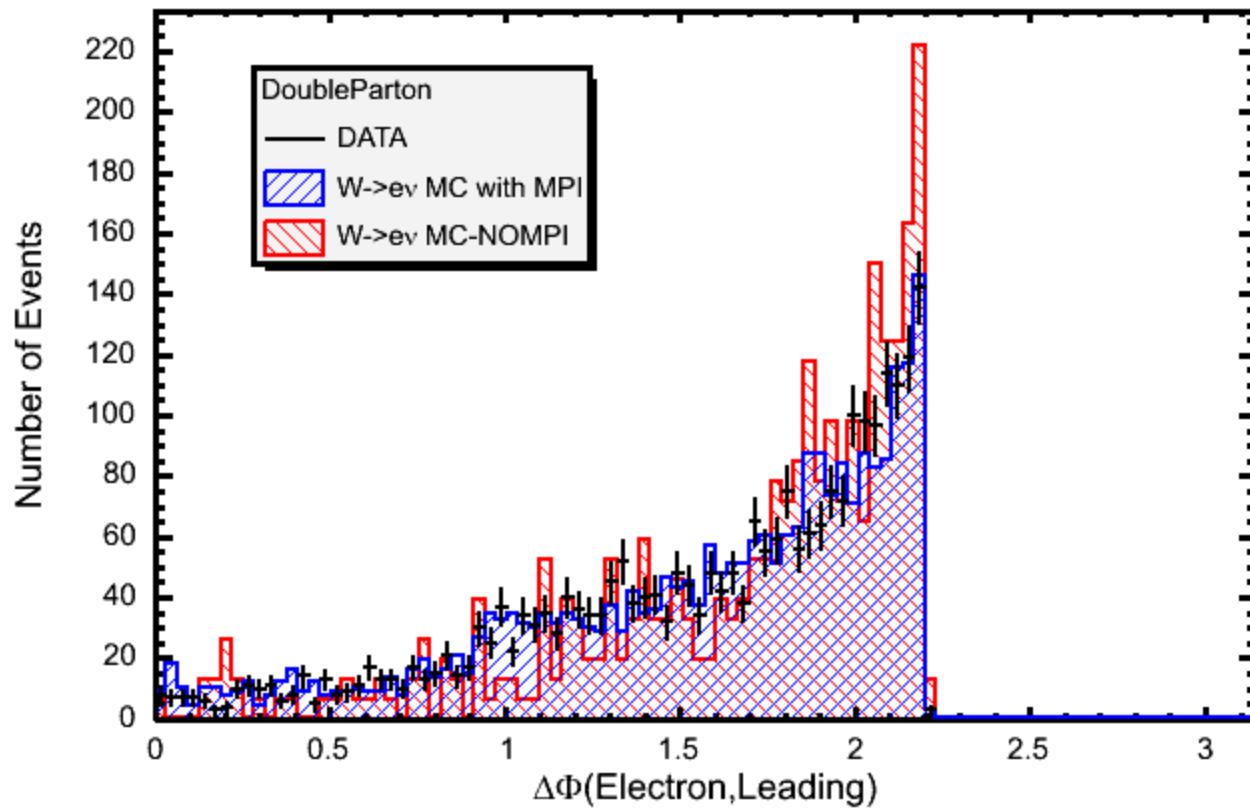
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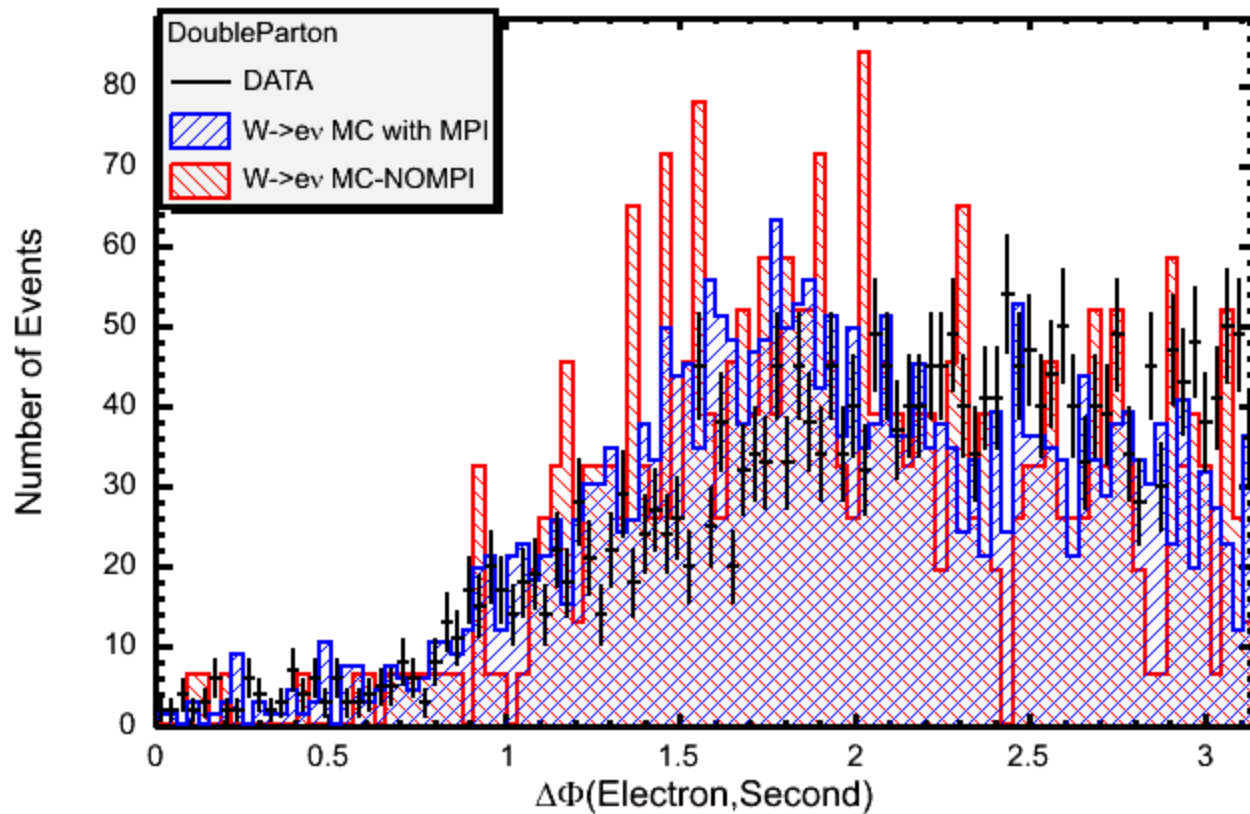
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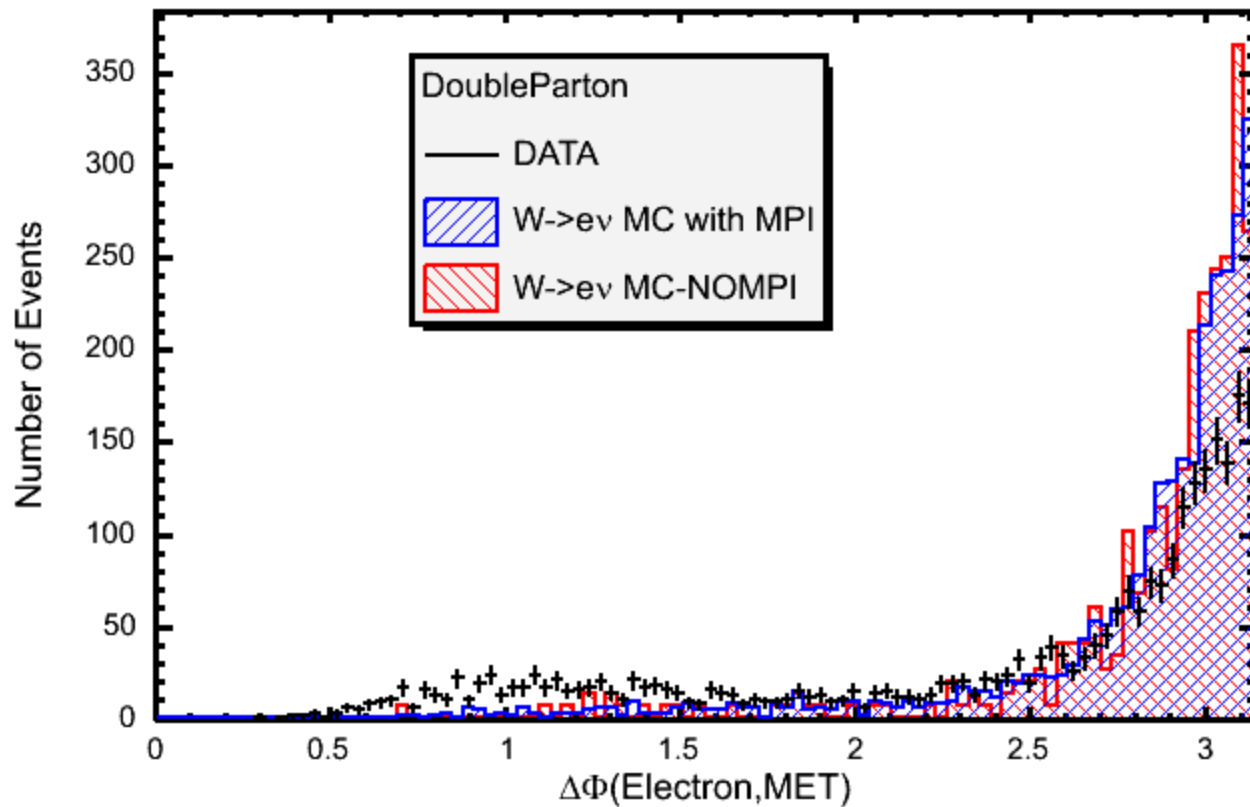
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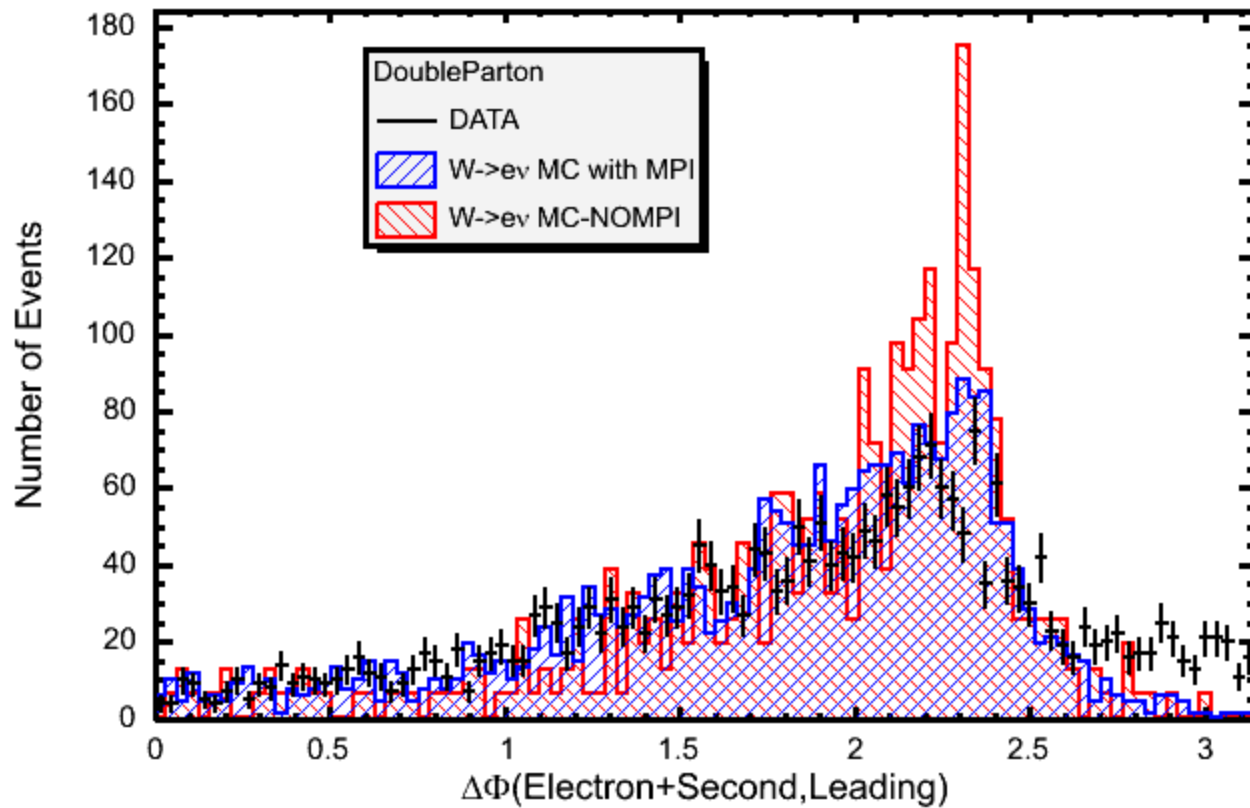
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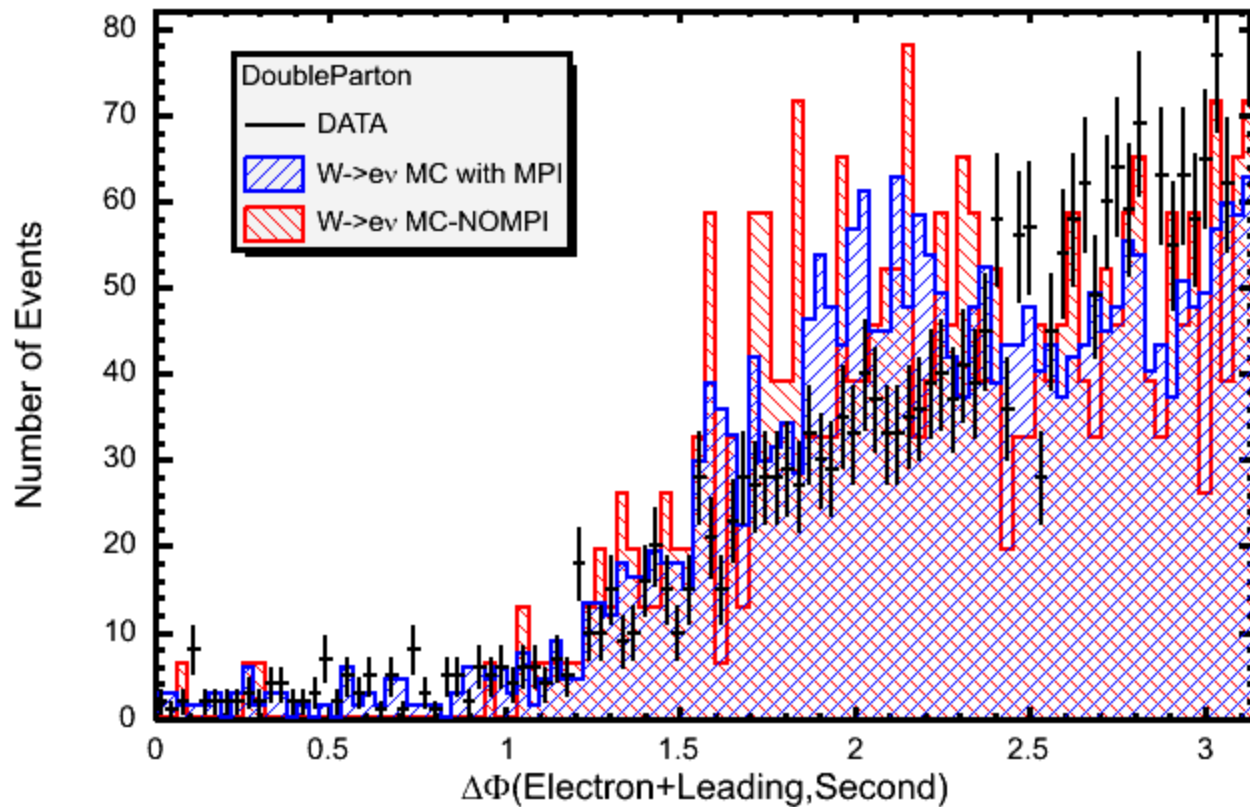
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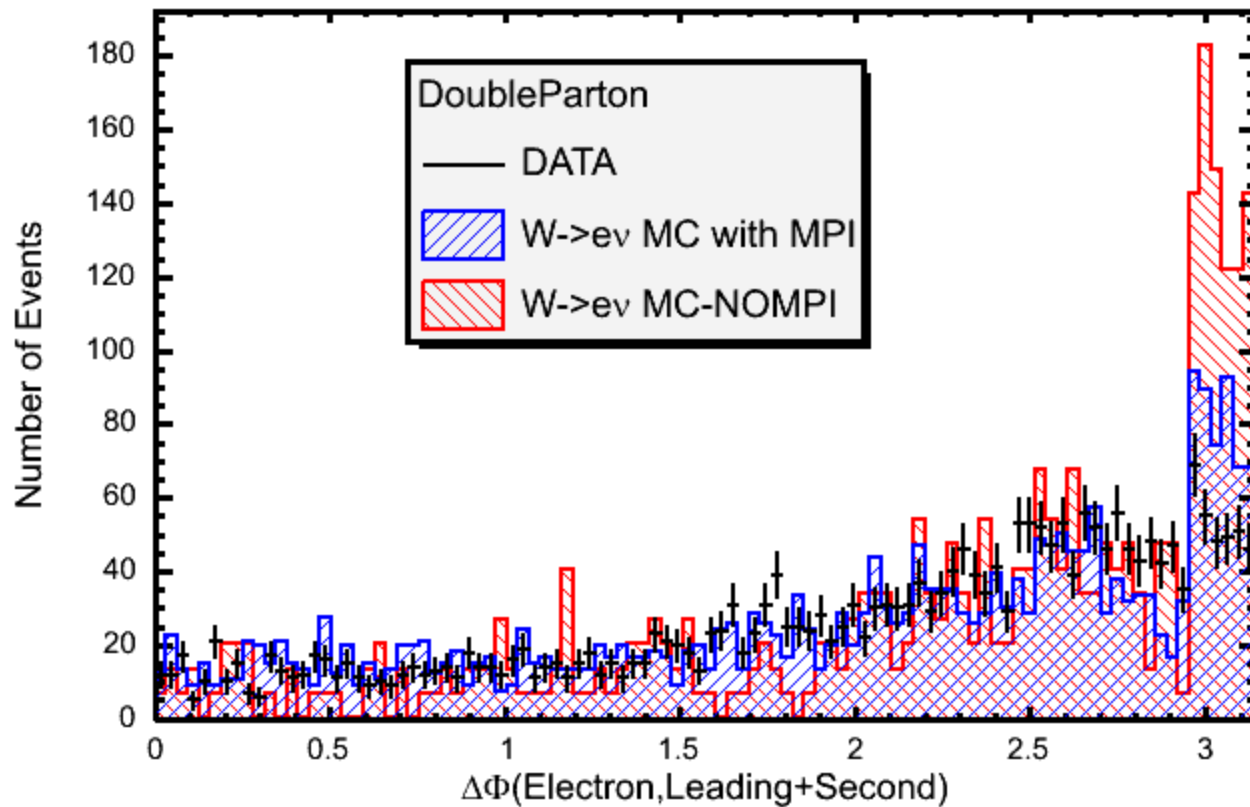
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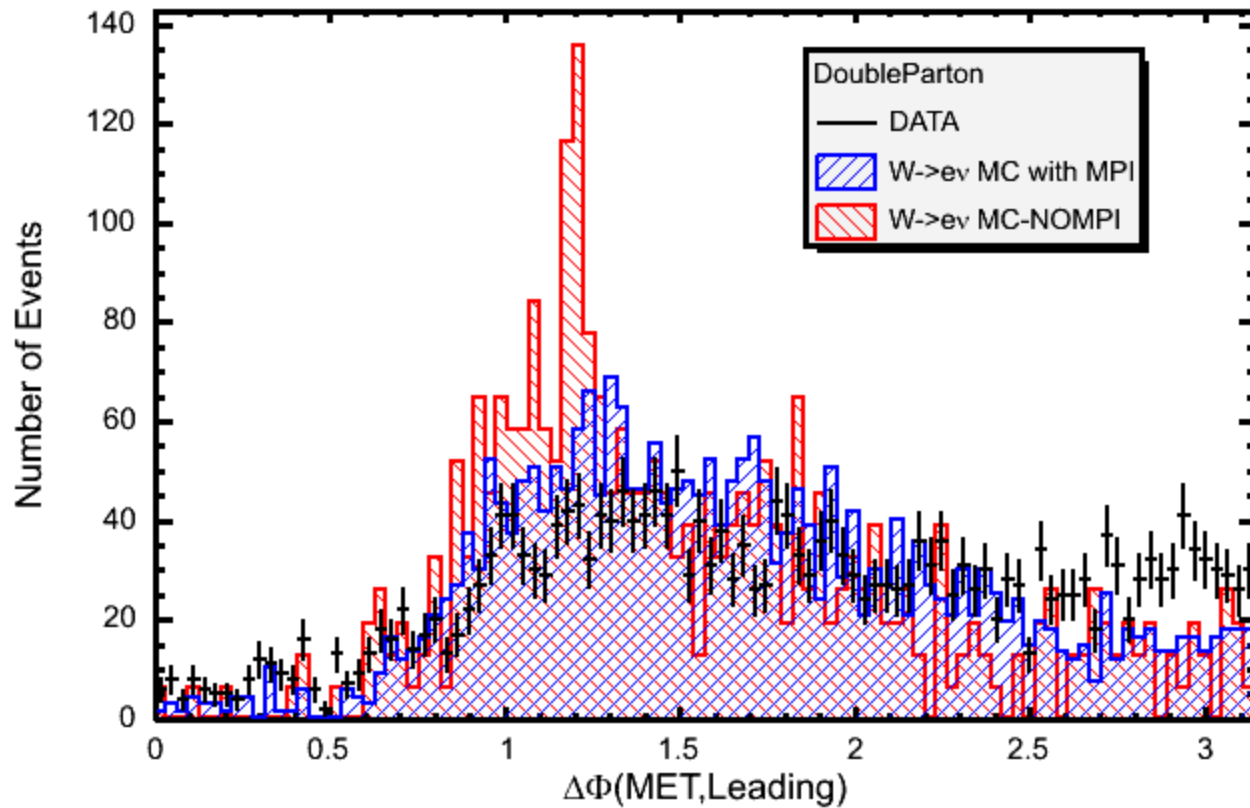
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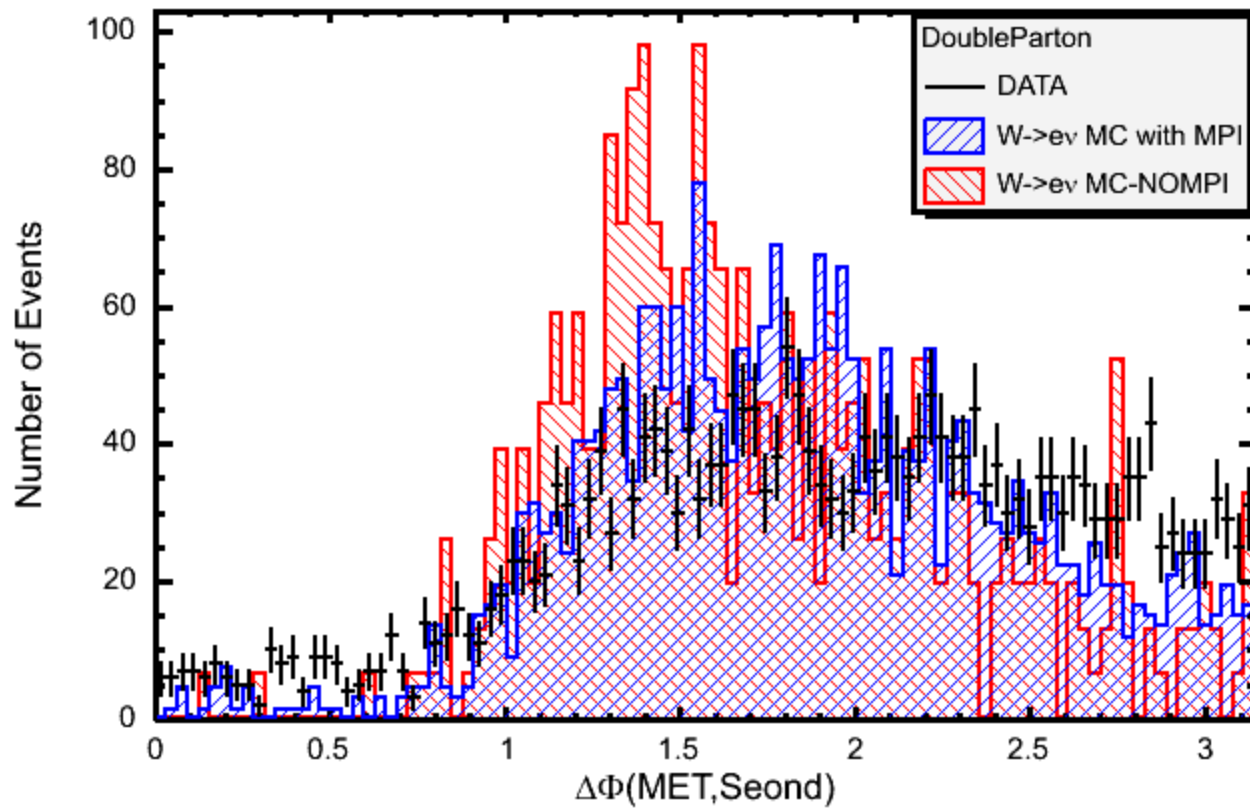
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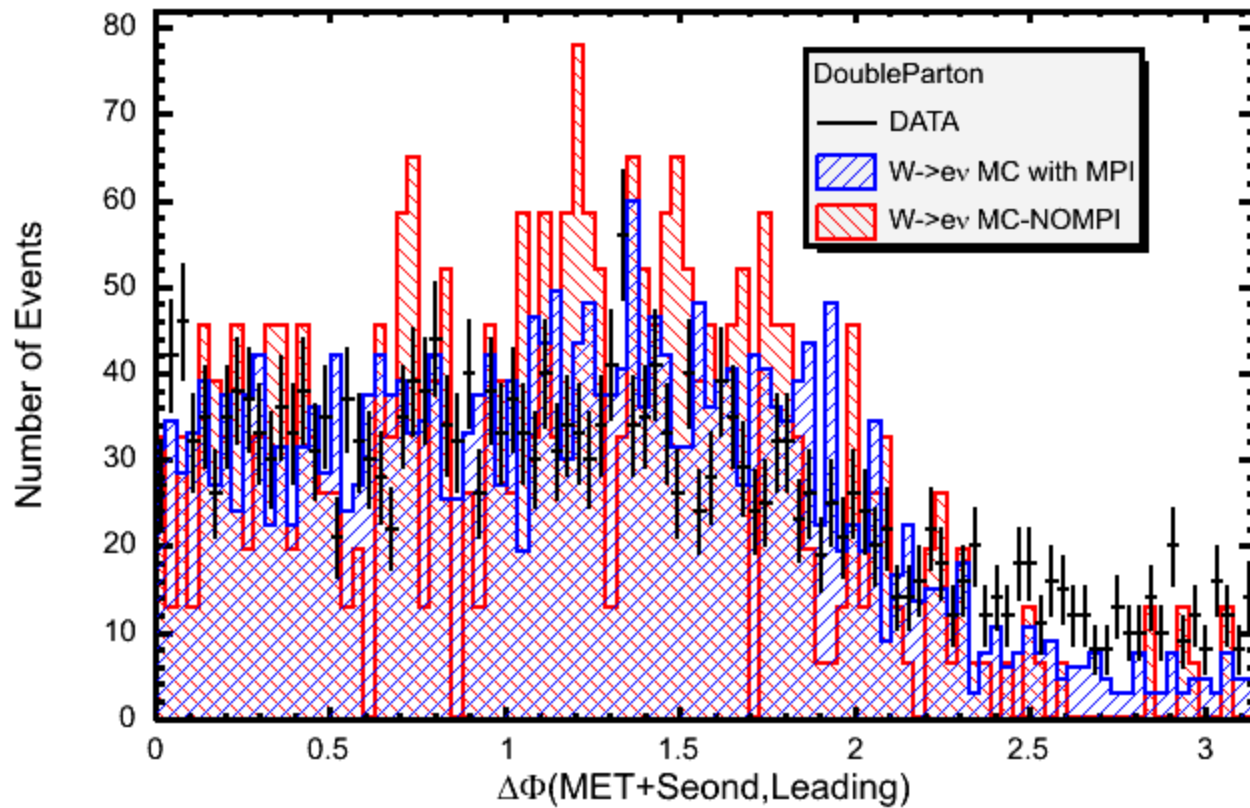
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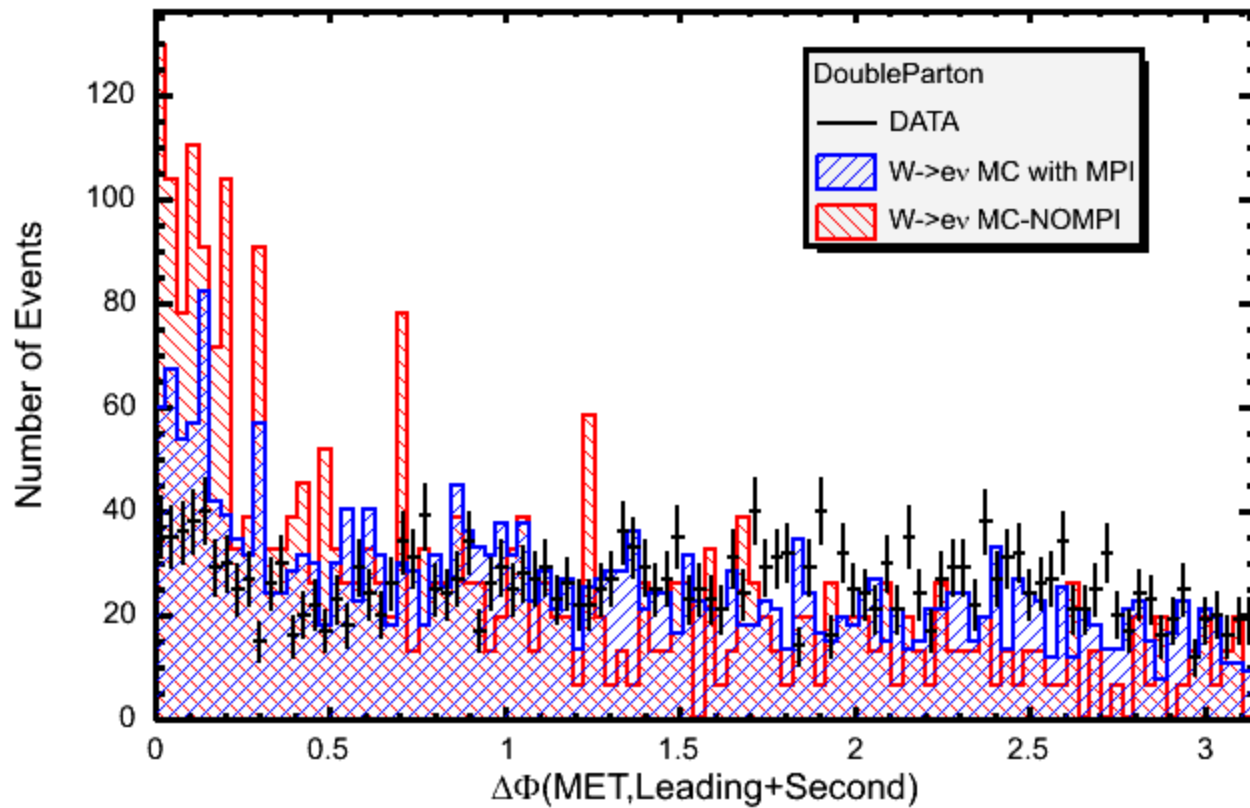
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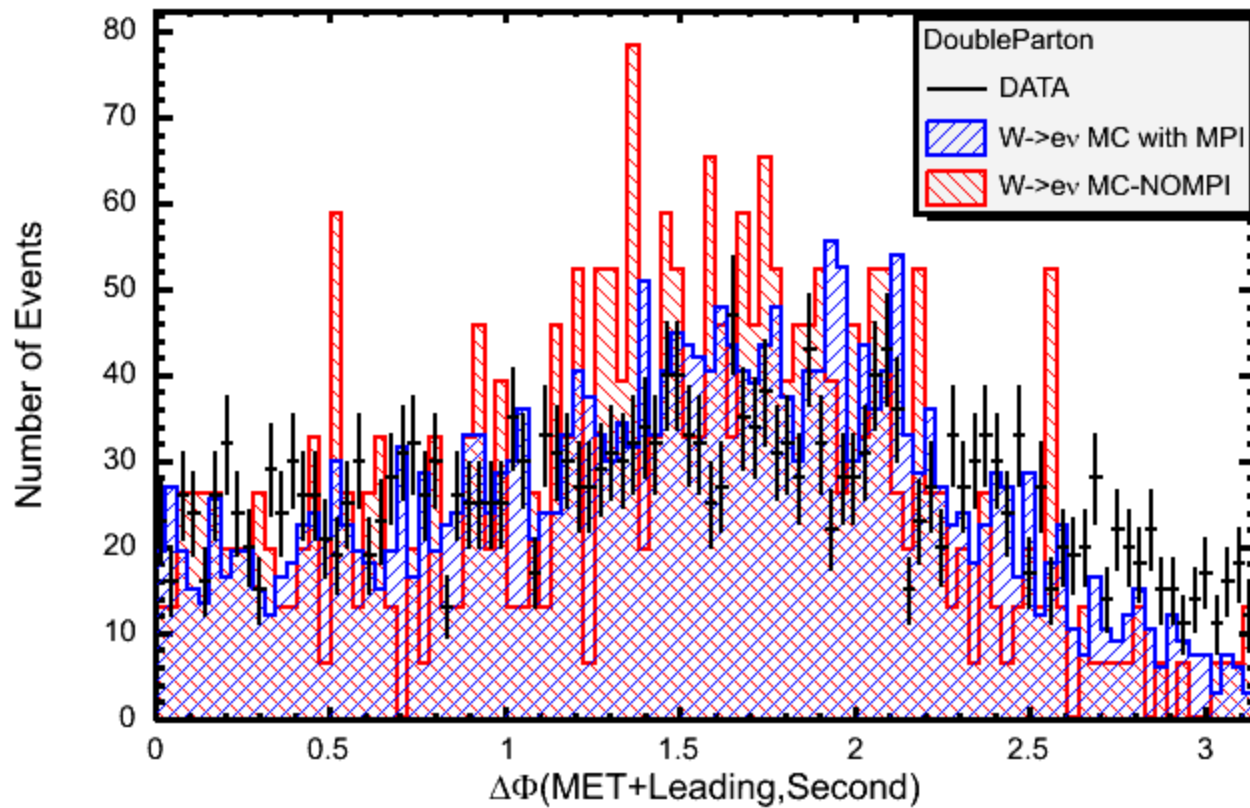
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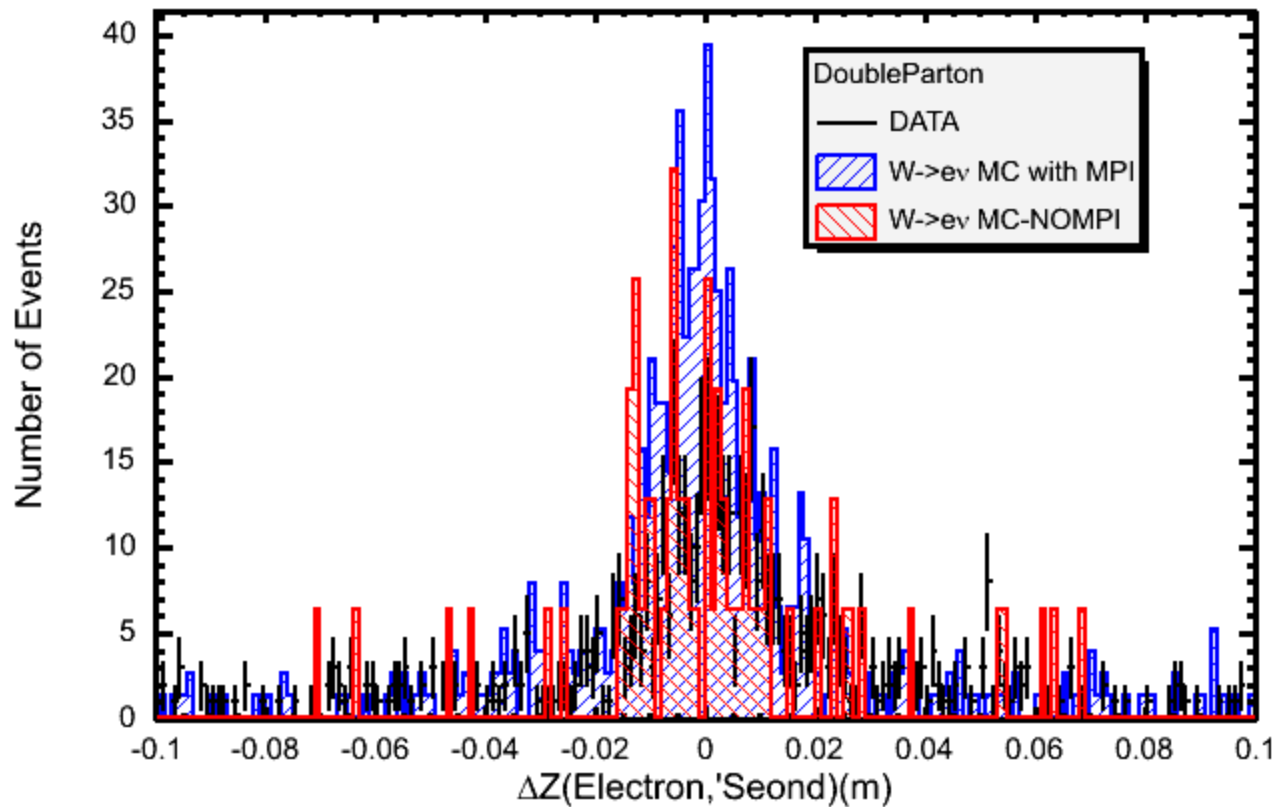
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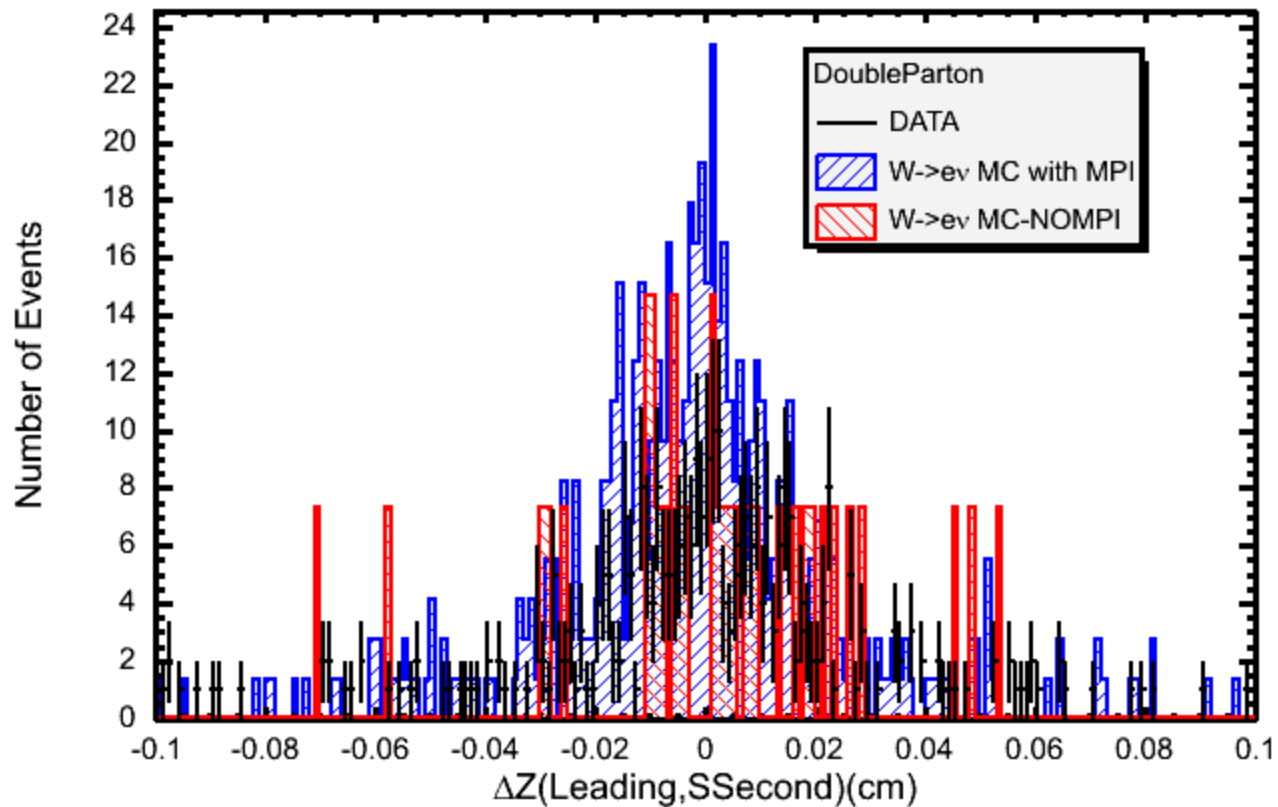
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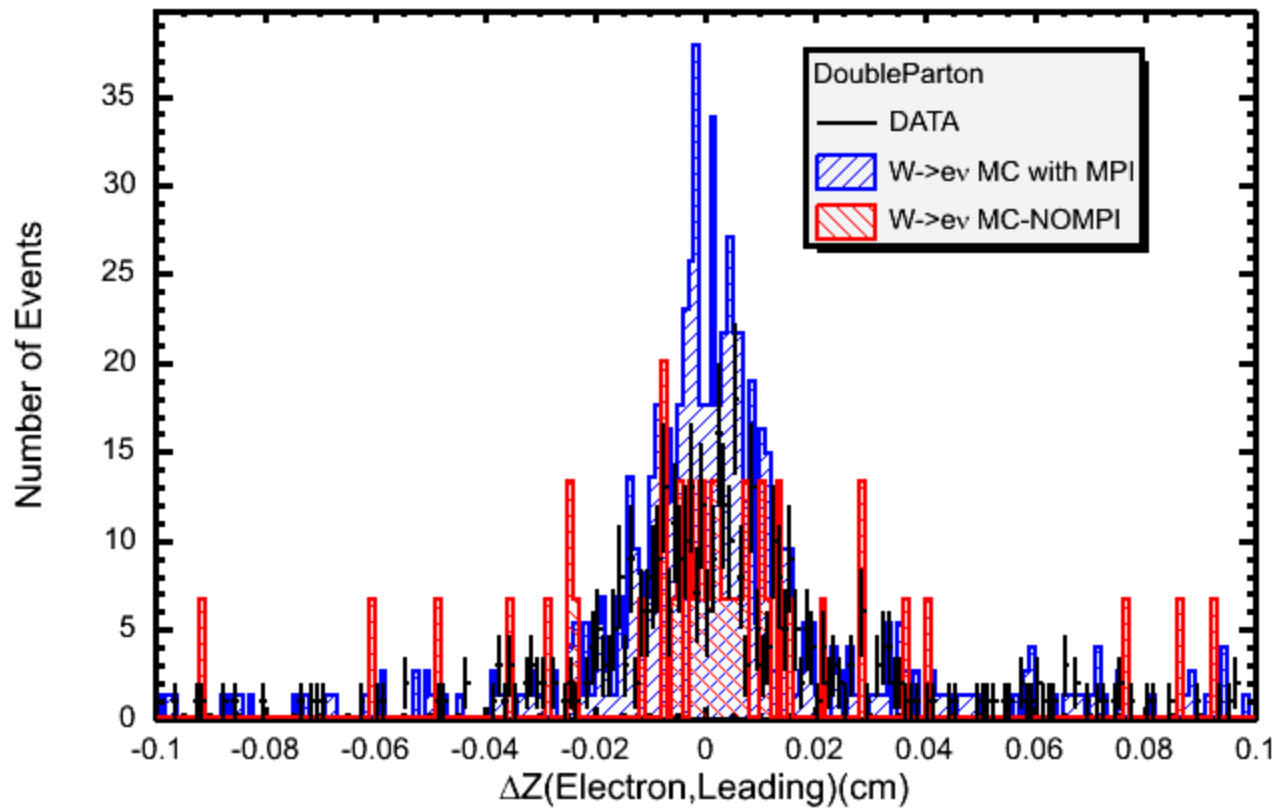
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