



Kaon LT Status Update

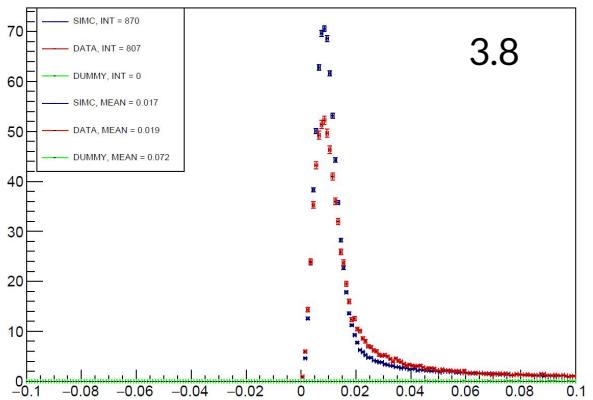
March 2nd, 2023

Richard Trotta

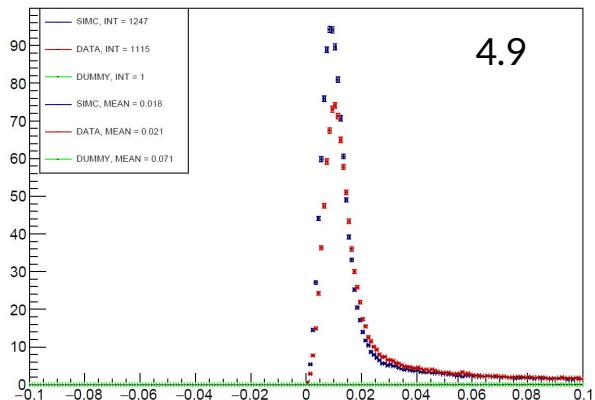


Heep, SIMC to hcana script

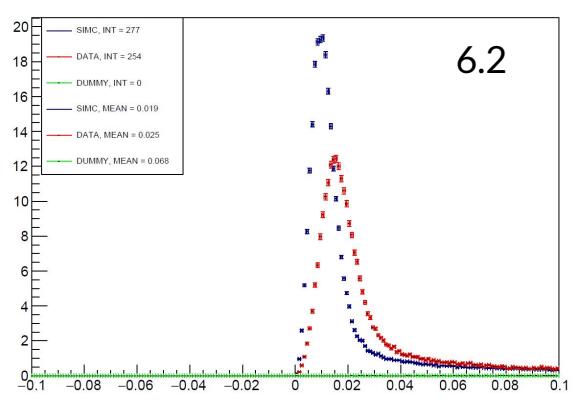
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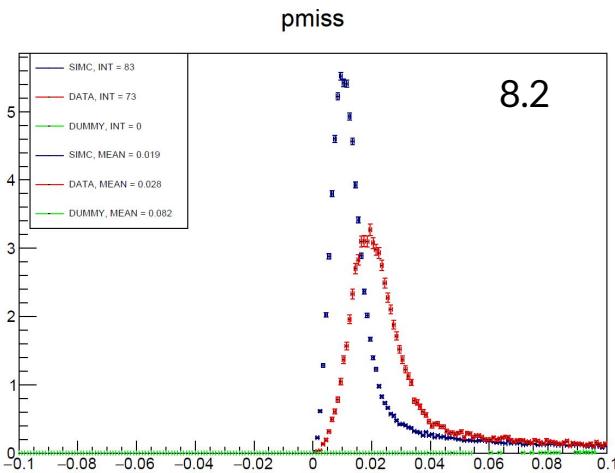
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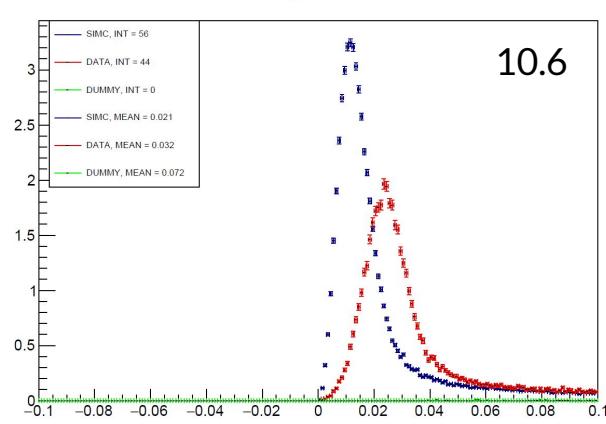
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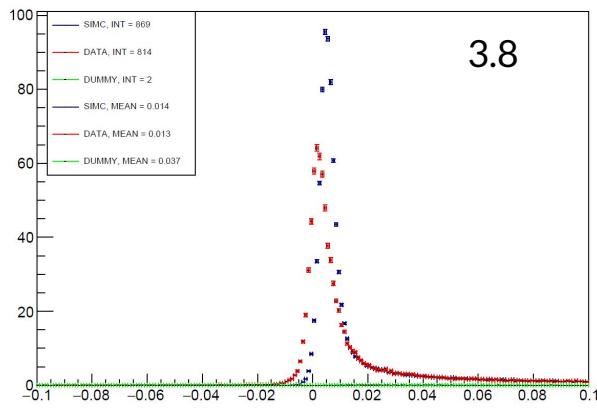
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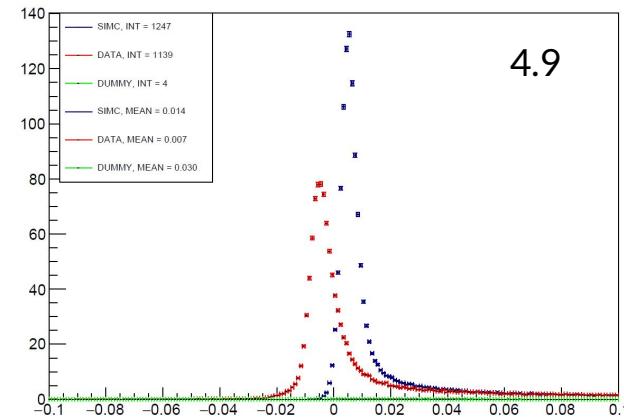
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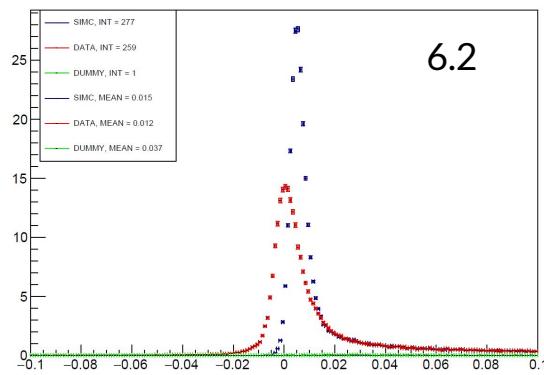
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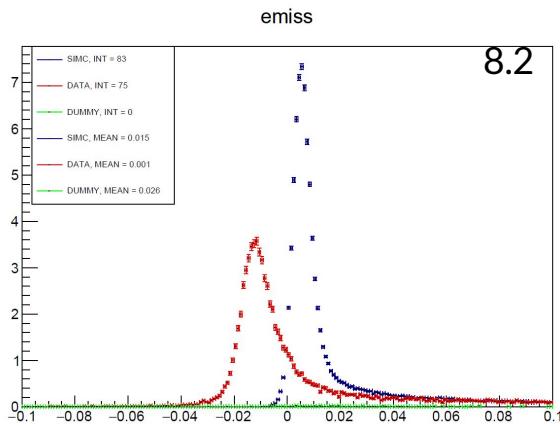
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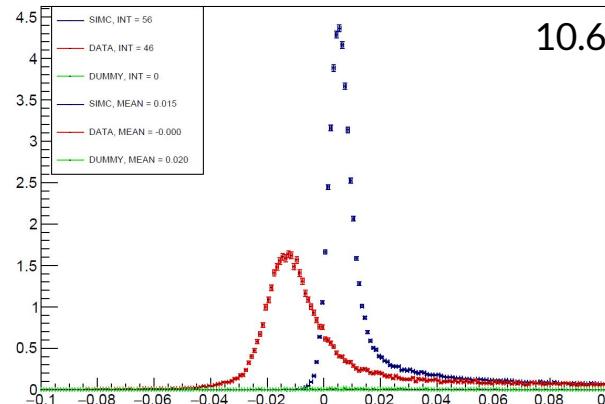
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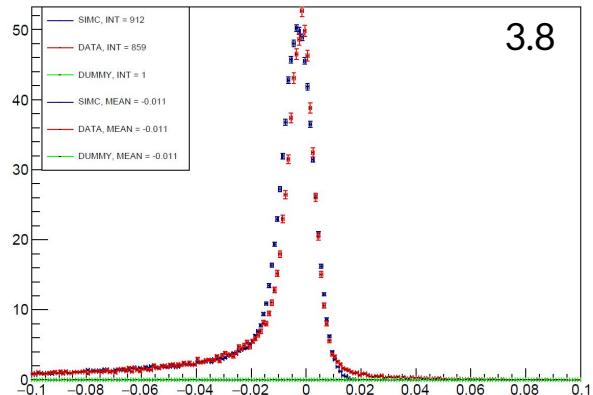
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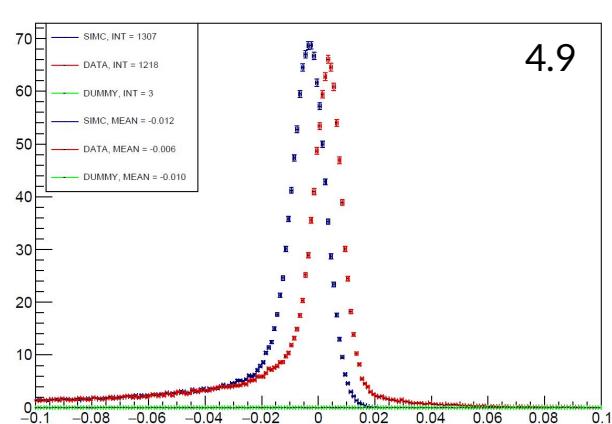
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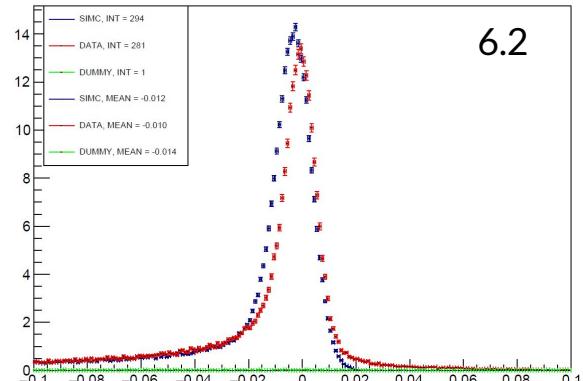
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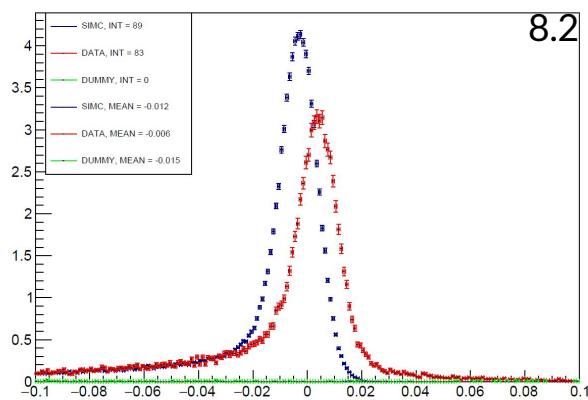
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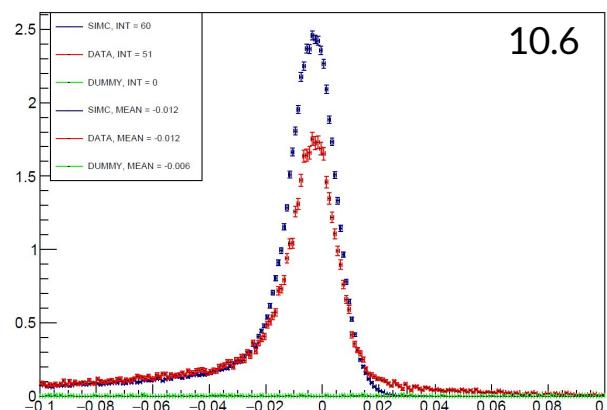
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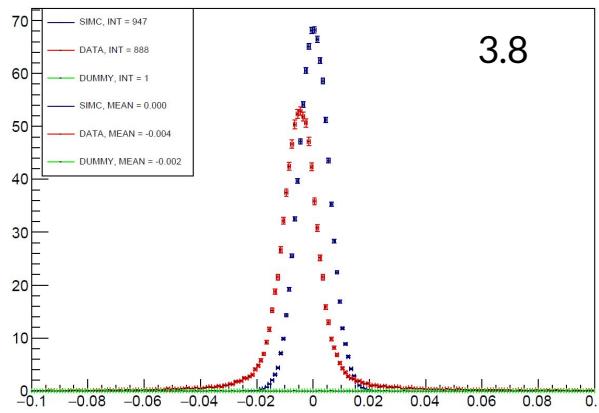
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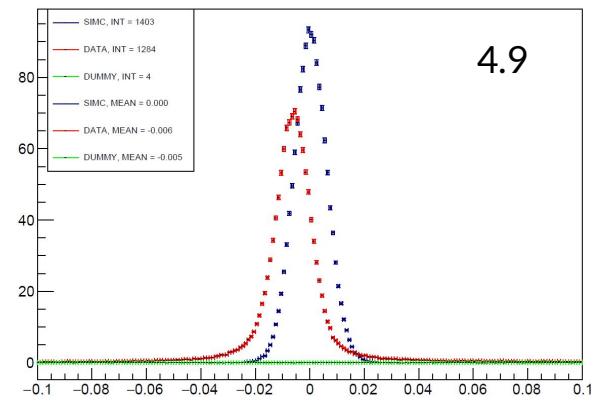
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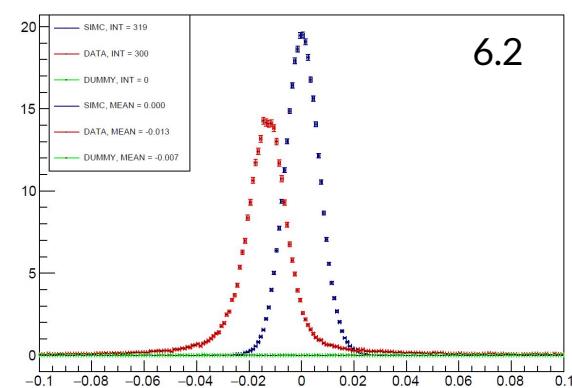
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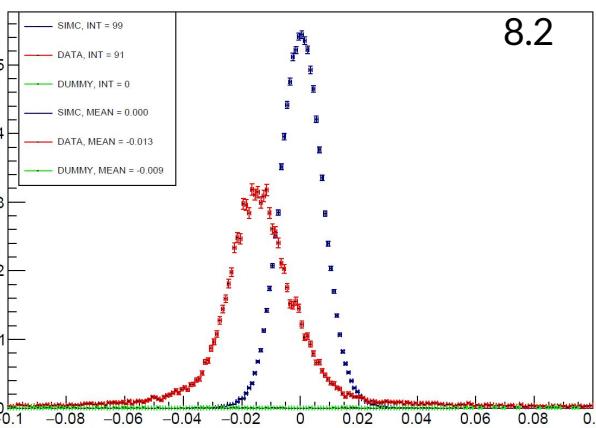
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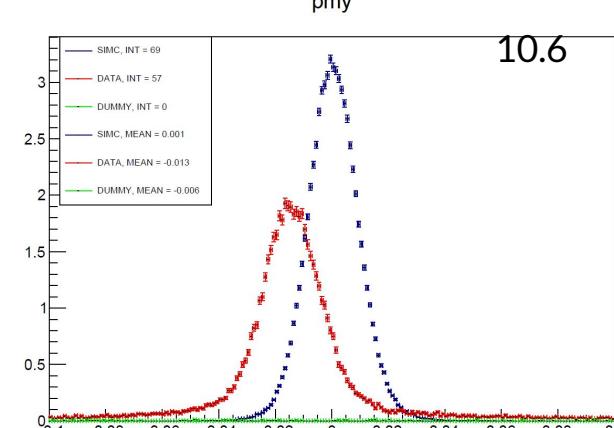
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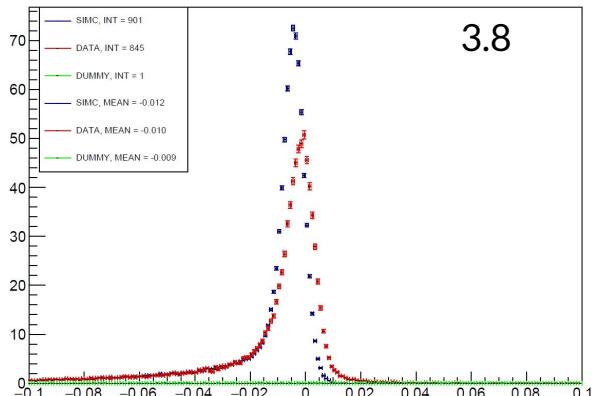
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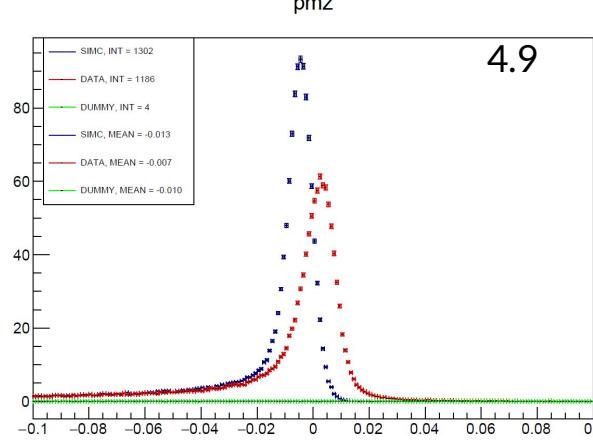
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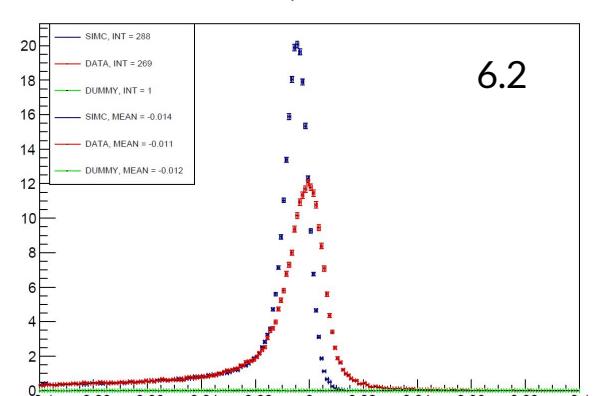
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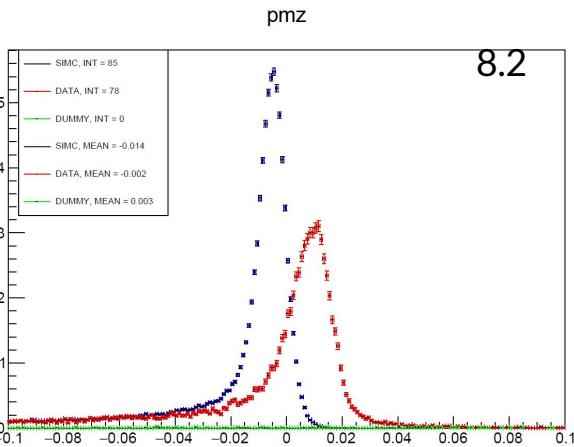
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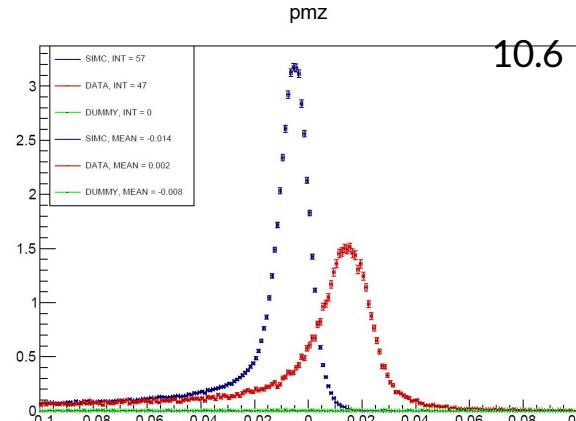
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pmz

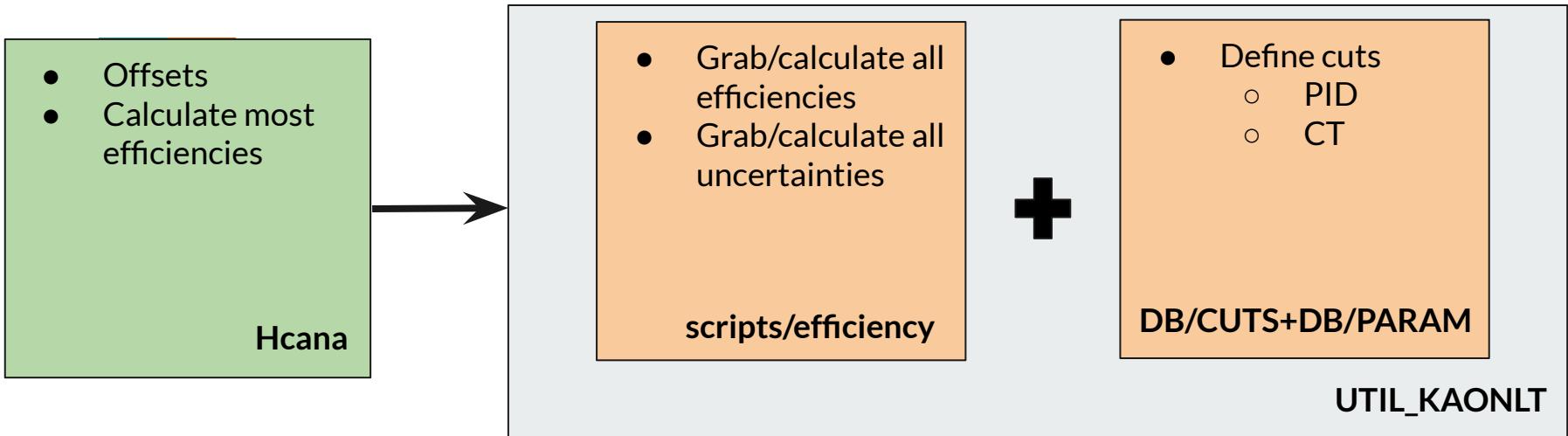


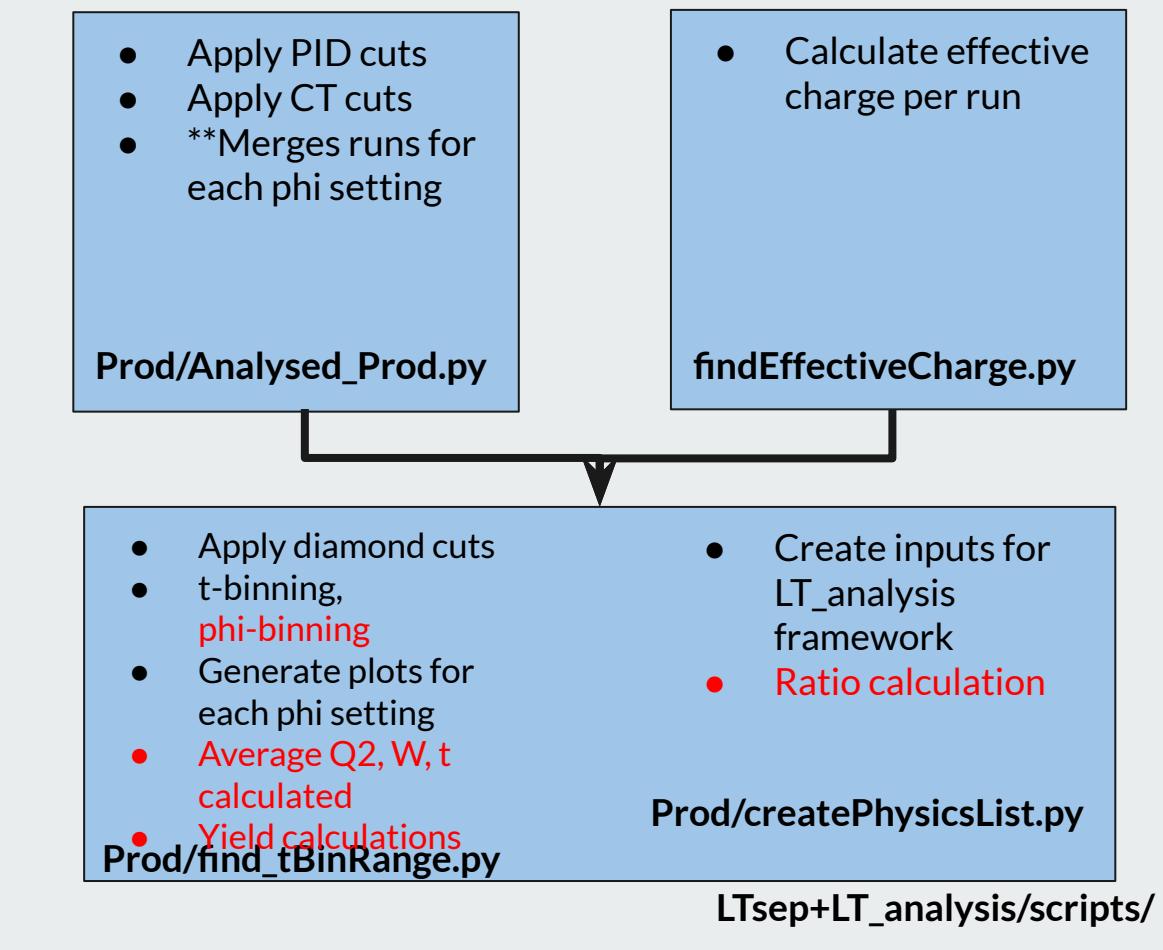
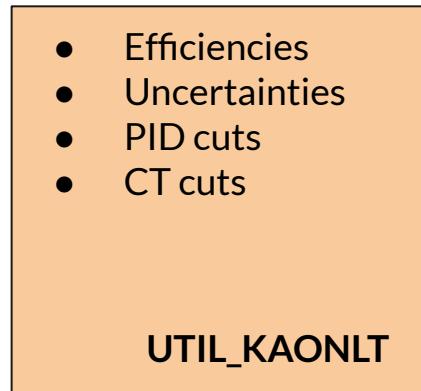
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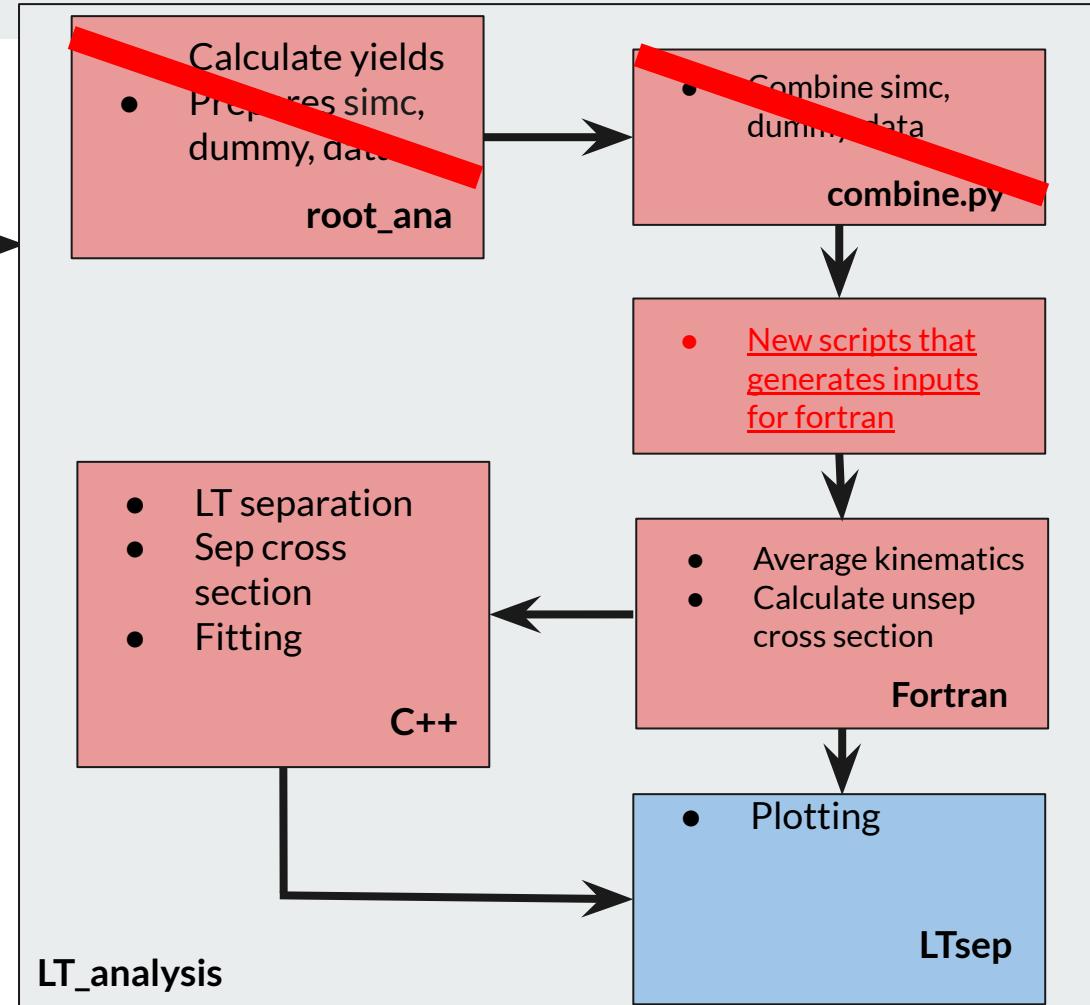
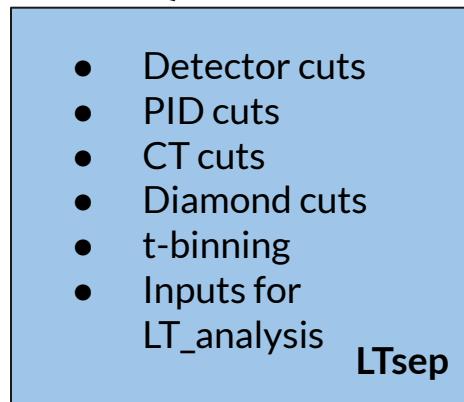
Fortran scripts,
average kinematics
and xsects





** done in bash script

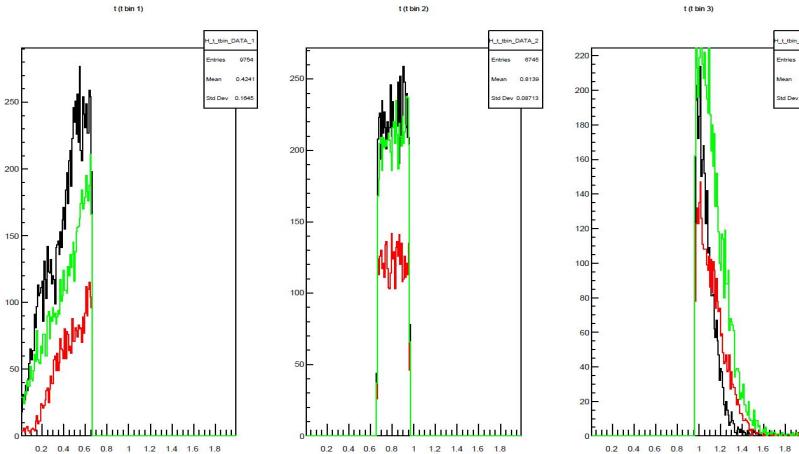
LTsep+LT_analysis/scripts/



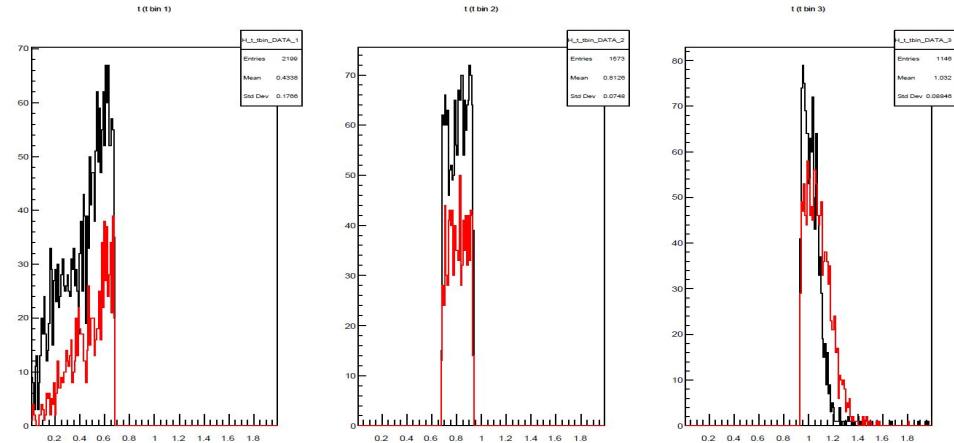


$Q_2=5.5$, $W=3.02$, $t=(0.01, 1.99)$, 3 t-bins, 10 phi bins

High ϵ



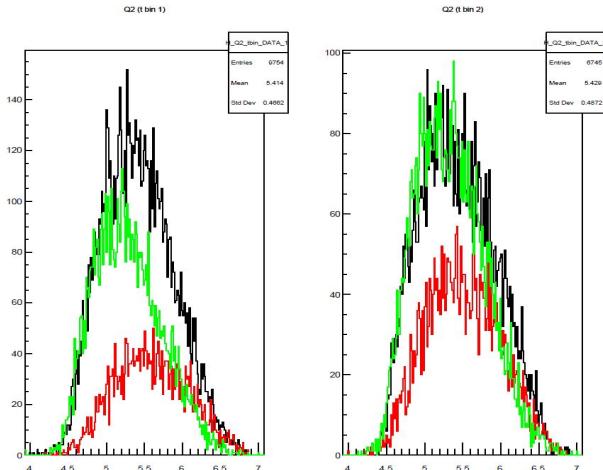
Low ϵ



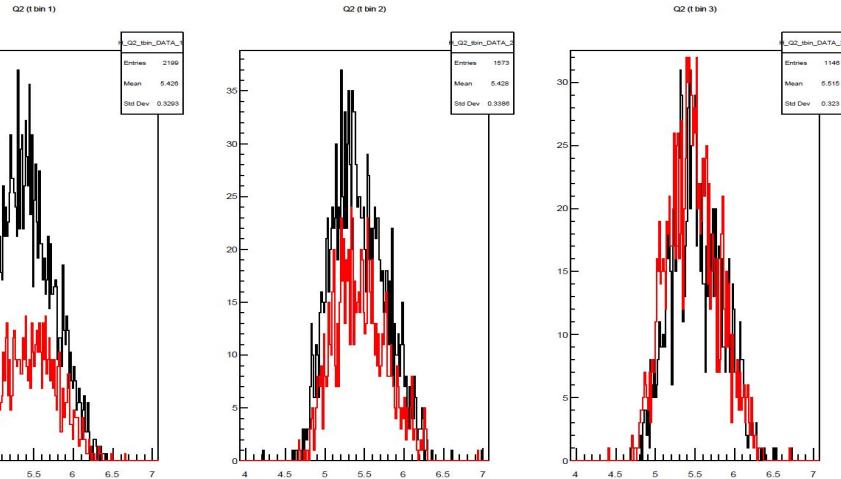


Q2=5.5, W=3.02, t=(0.01,1.99), 3 t-bins, 10 phi bins

High eps



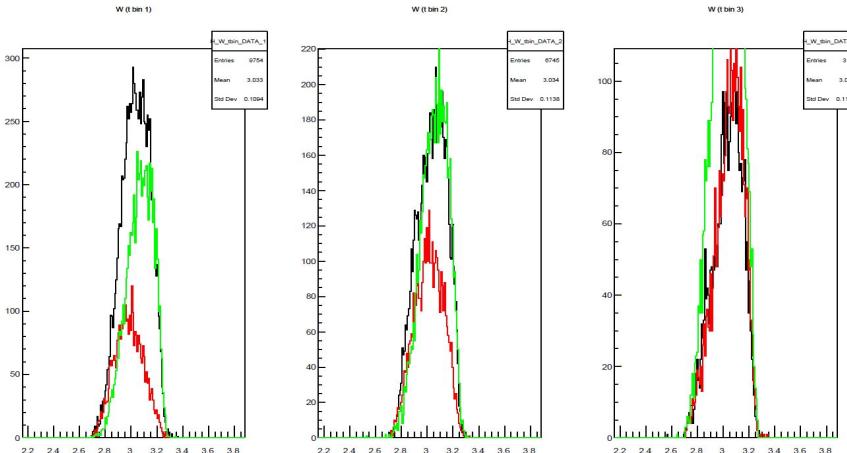
Low eps



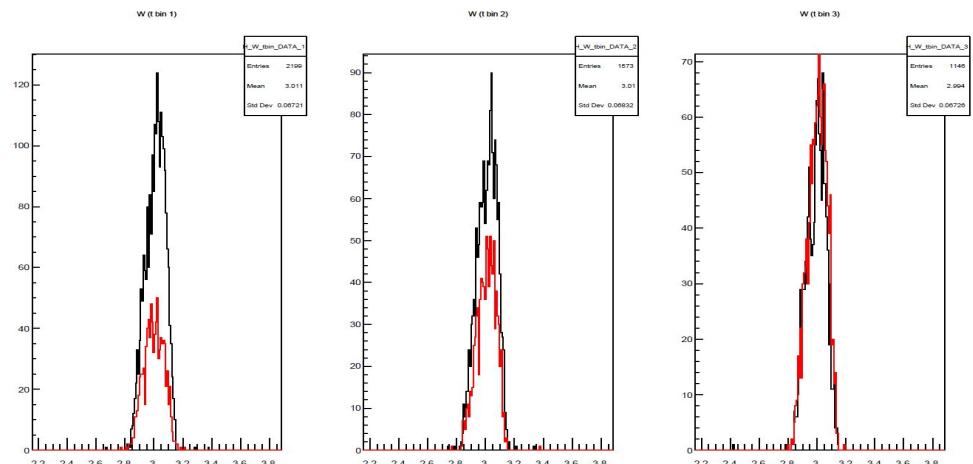


$Q_2=5.5$, $W=3.02$, $t=(0.01, 1.99)$, 3 t-bins, 10 phi bins

High ϵ



Low ϵ

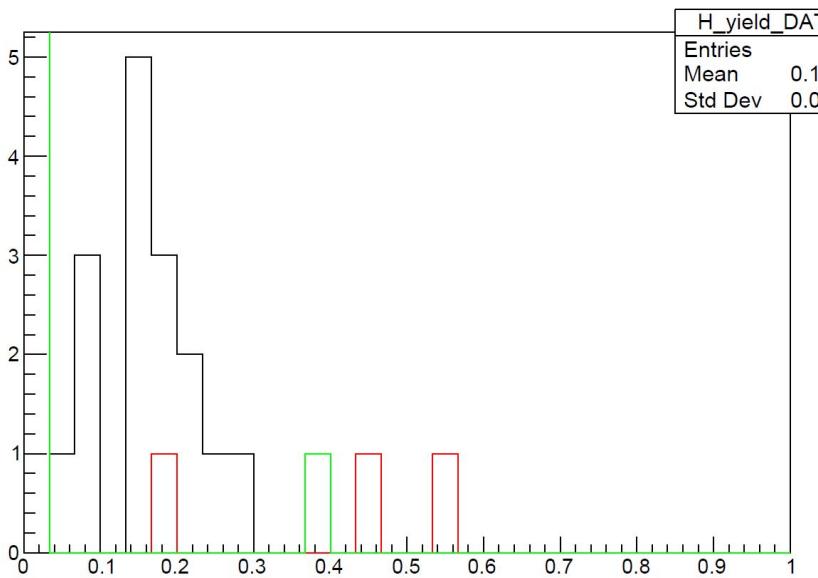


$Q_2=5.5$, $W=3.02$, $t=(0.01, 1.99)$, 3 t-bins, 10 phi bins



High eps

Data Yield



Simc Yield

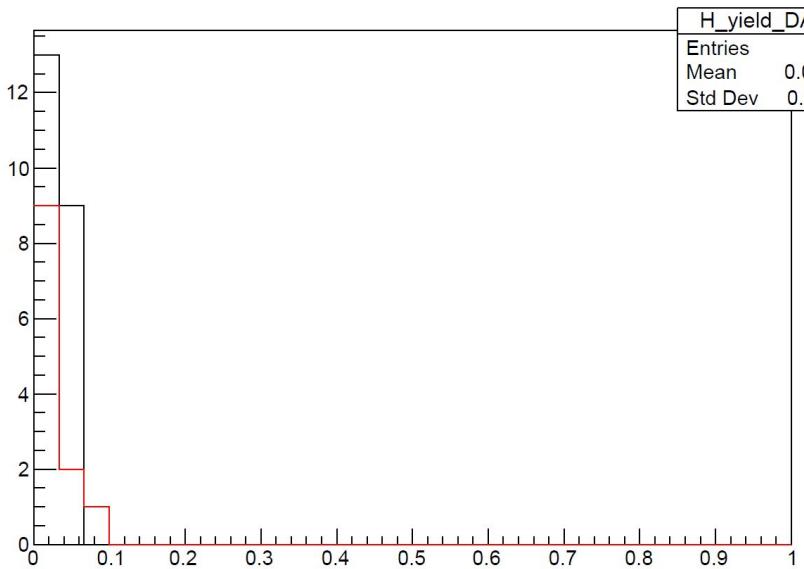


$Q^2=5.5$, $W=3.02$, $t=(0.01, 1.99)$, 3 t-bins, 10 phi bins

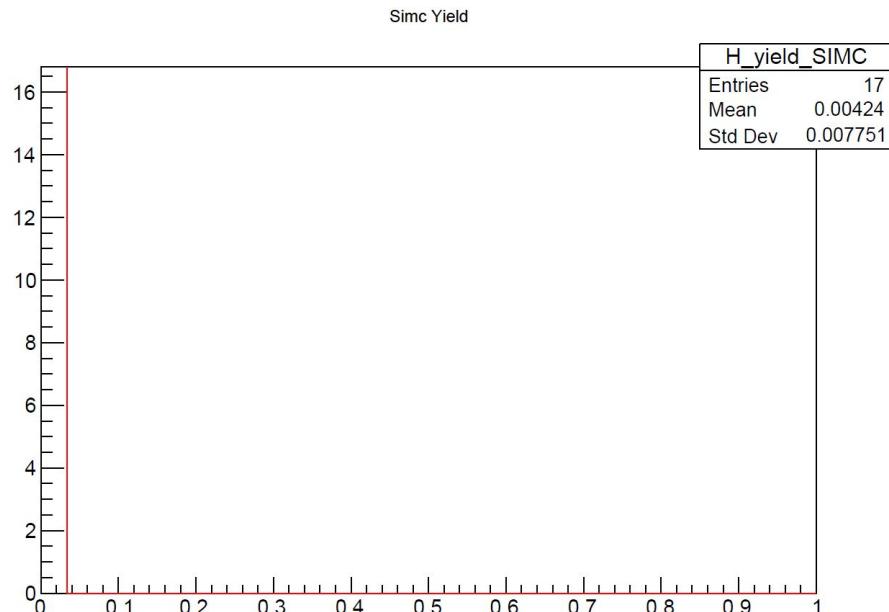


Low eps

Data Yield



Simc Yield

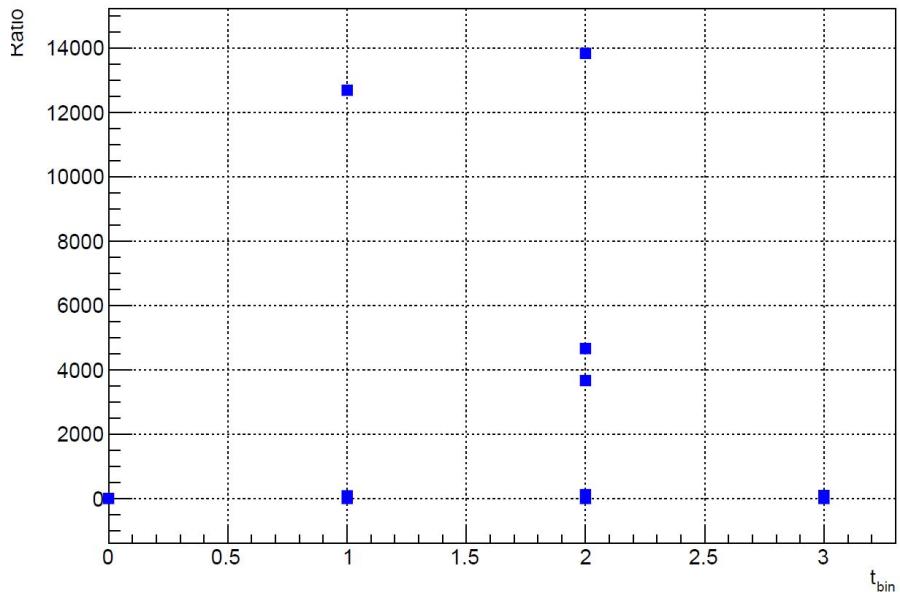


$Q^2=5.5$, $W=3.02$, $t=(0.01, 1.99)$, 3 t-bins, 10 phi bins



Low eps

$\epsilon = 0.1838$



$\epsilon = 0.1838$

