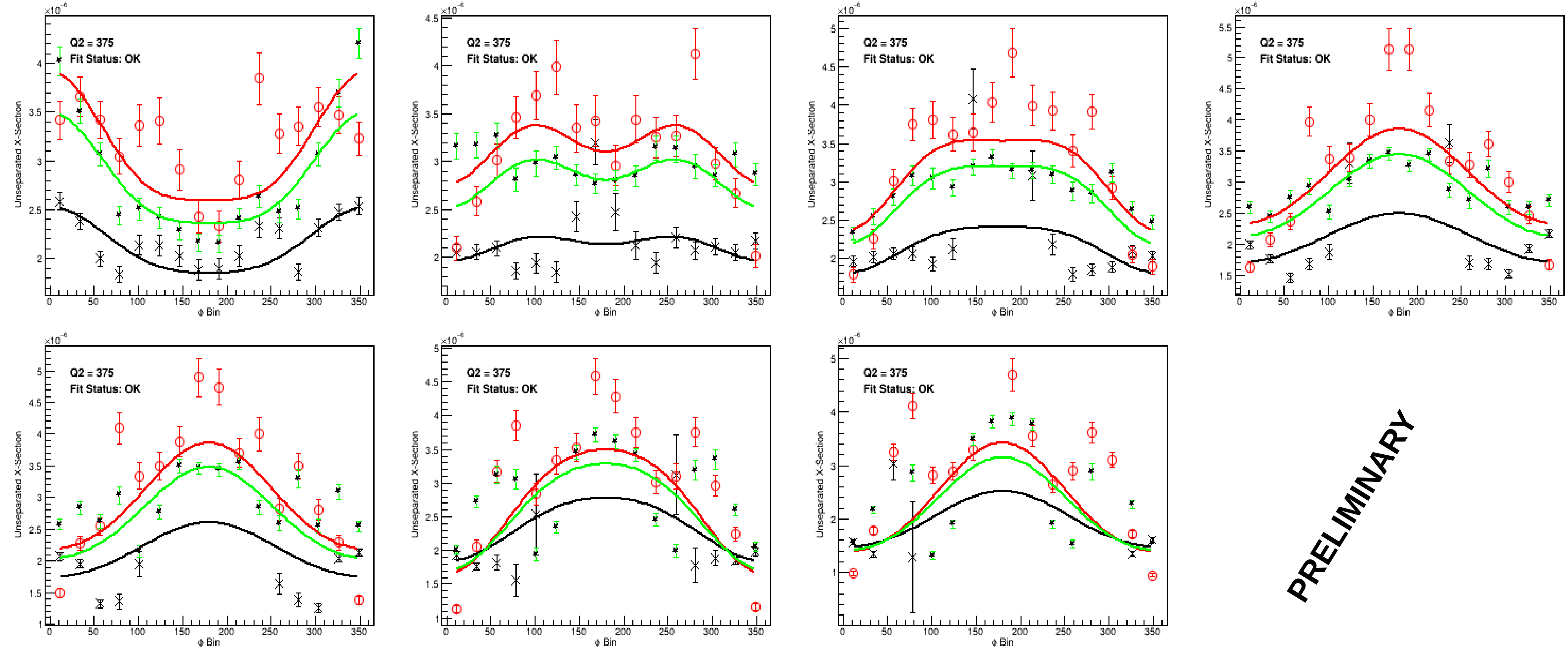


# LT Separation Analysis Update

## Unseparated Cross-Section (Rosenbluth fit $3\epsilon$ )

7 t and 16  $\Phi$ -Bins

$Q^2 = 0.38 \text{ GeV}^2$



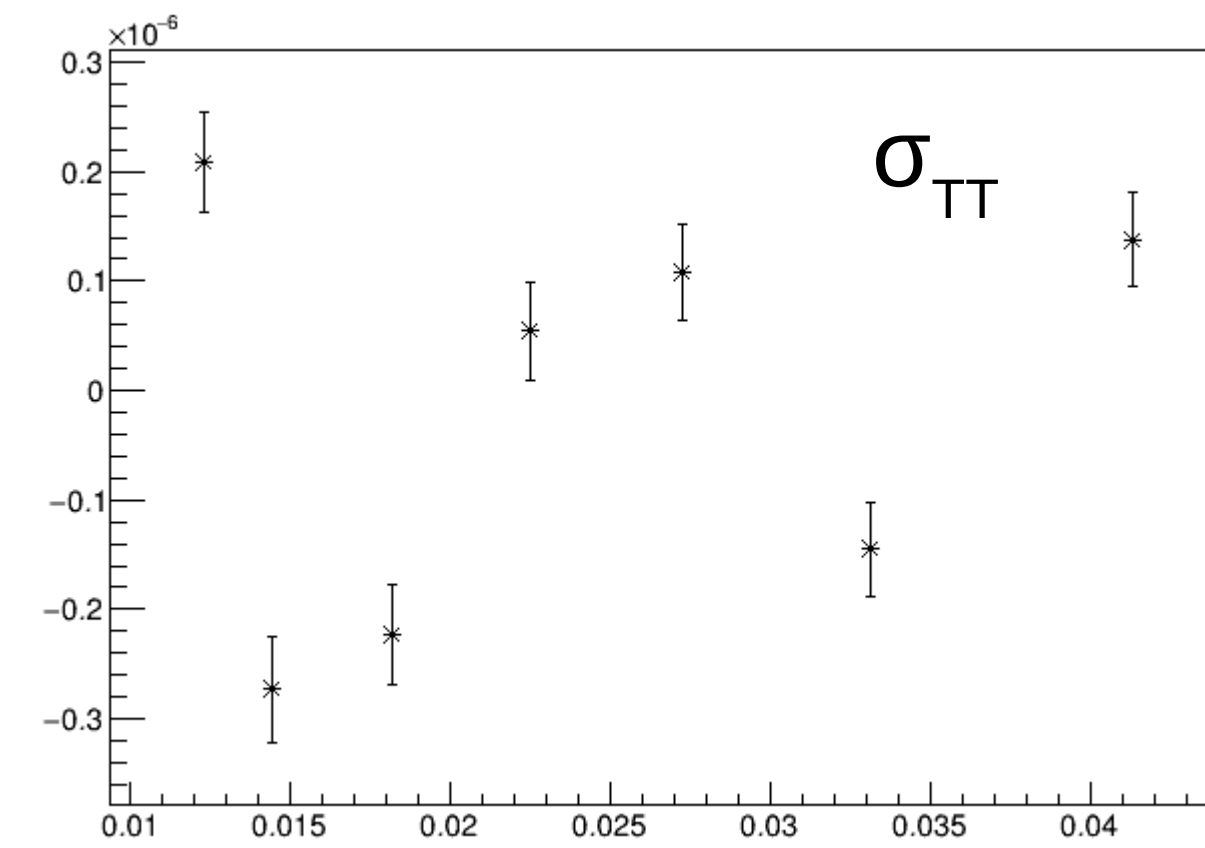
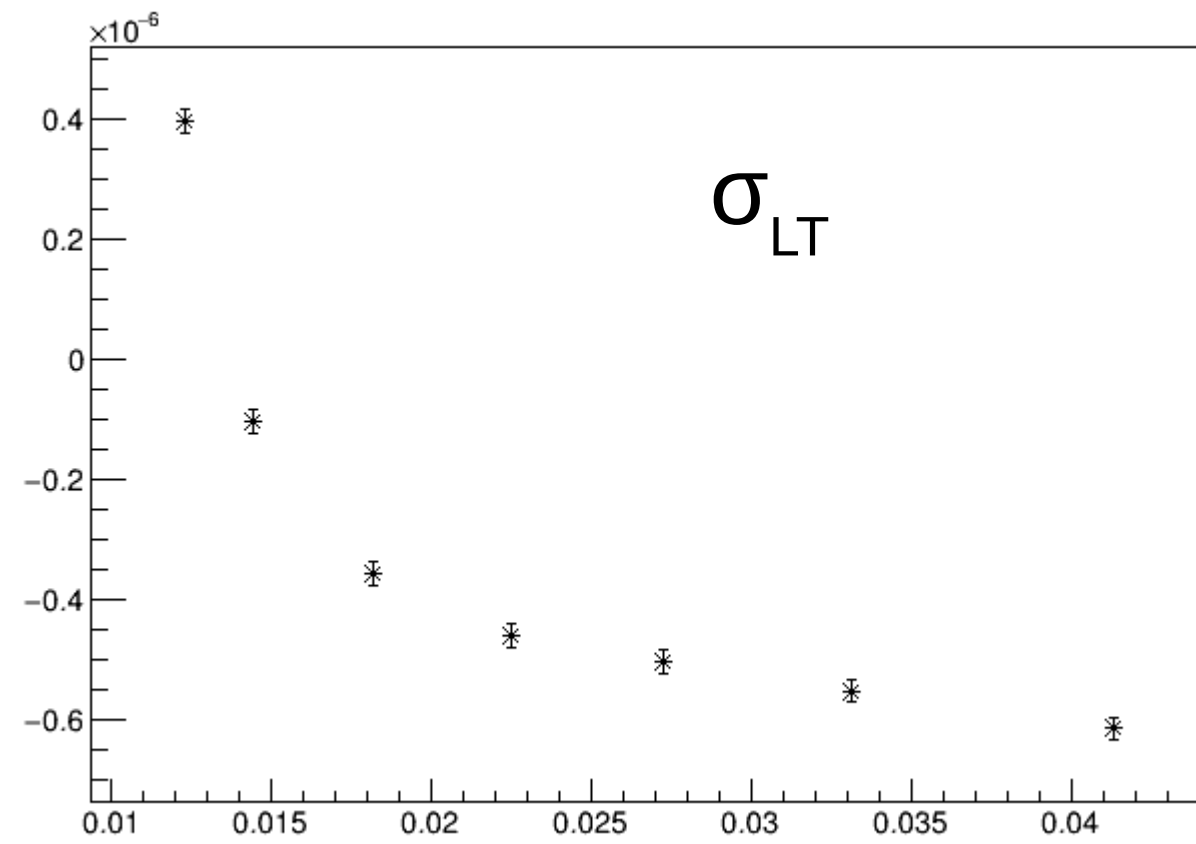
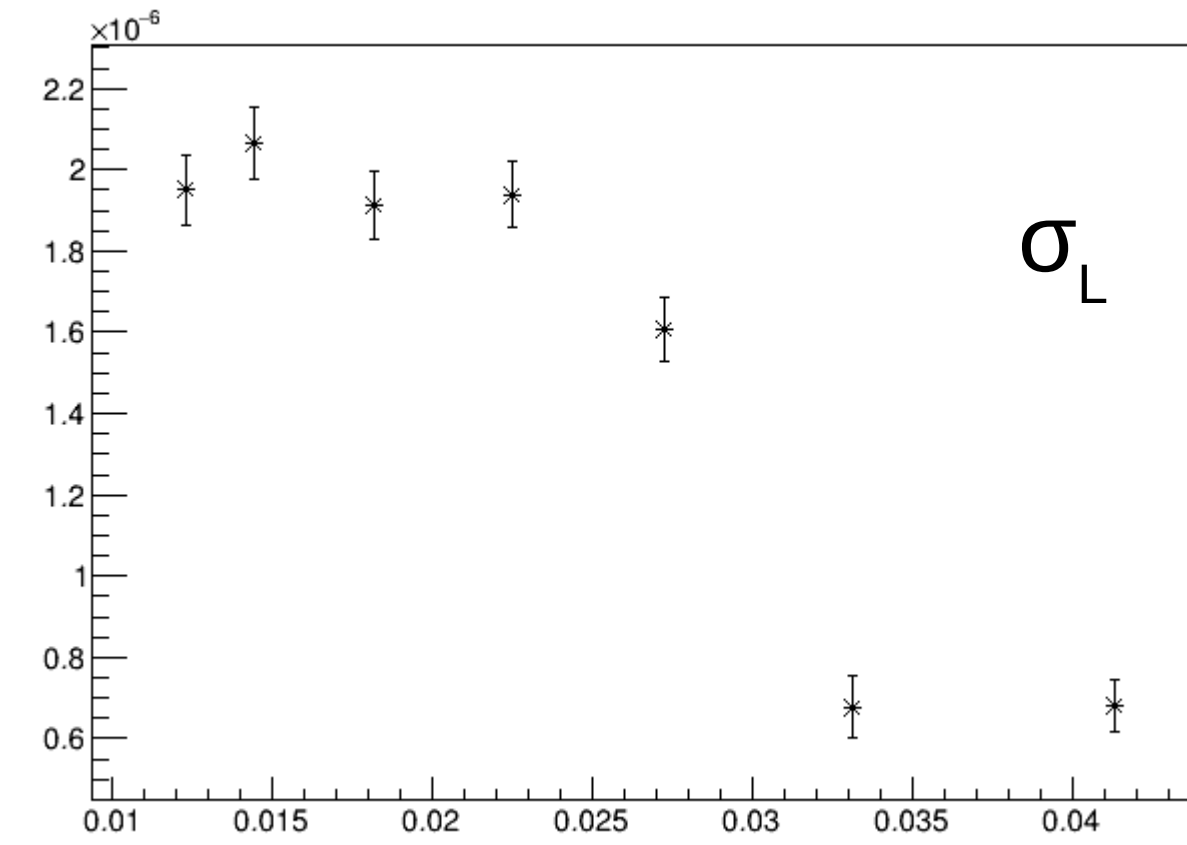
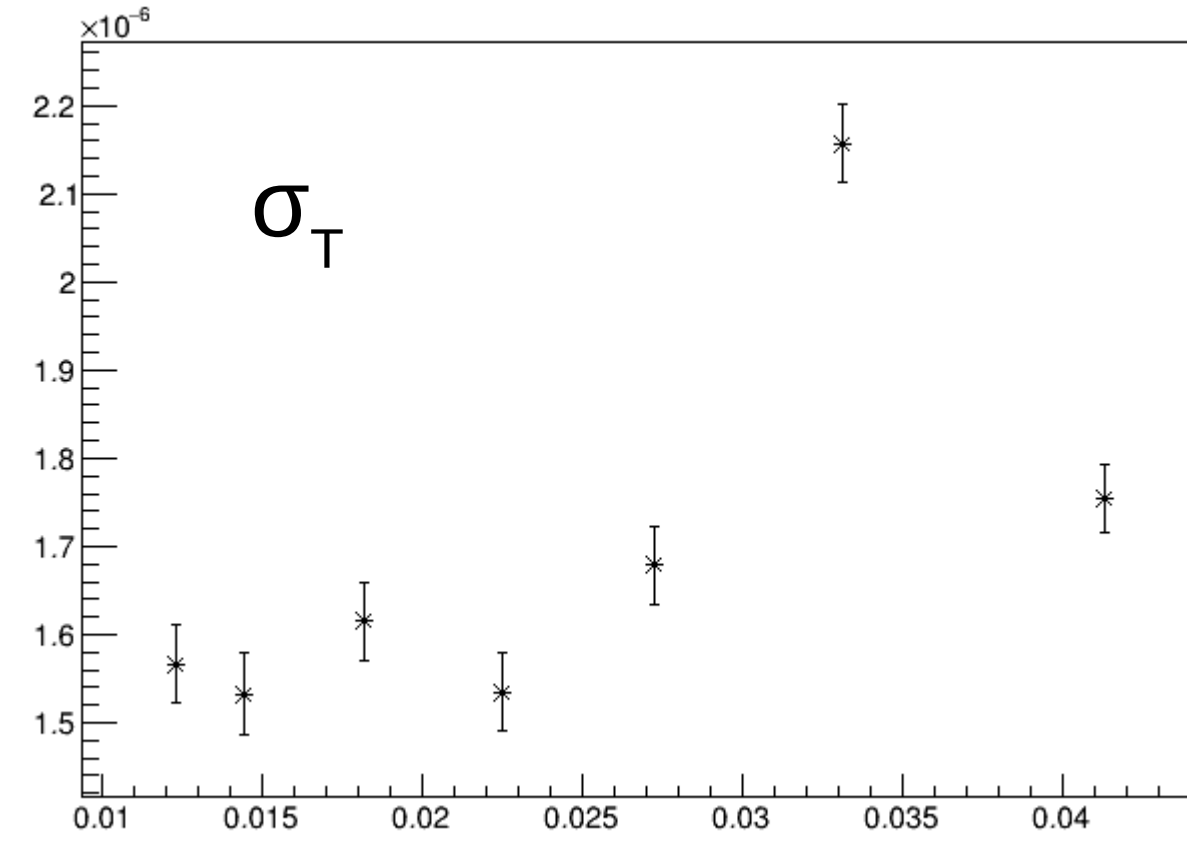
**PRELIMINARY**

# LT Separation Analysis Update

- Separated Cross-Section

7 t and 16  $\Phi$ -Bins

$Q^2 = 0.38 \text{ GeV}^2$



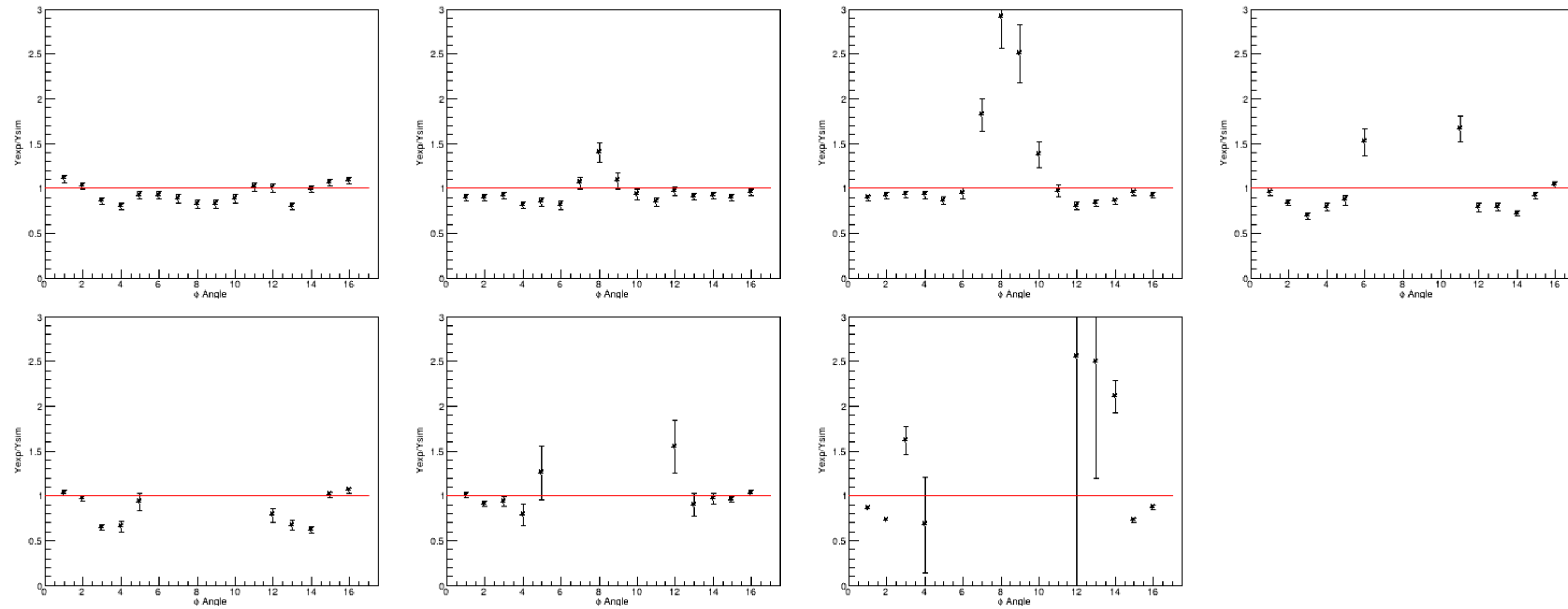
PRELIMINARY

# LT Separation Analysis Update

• Yield Ratio (Exp/SIMC) for  $\varepsilon = 0.286$

7 t and 16  $\Phi$ -Bins

$Q^2 = 0.38 \text{ GeV}^2$



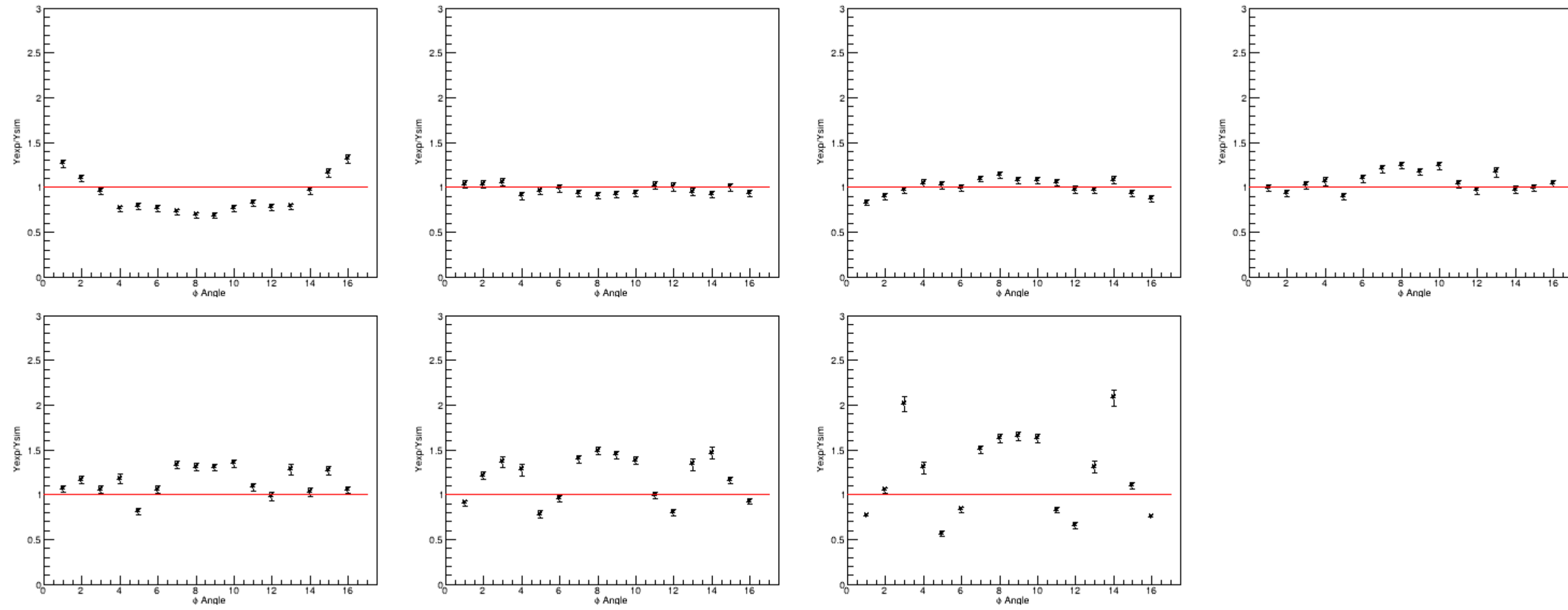
**PRELIMINARY**

# LT Separation Analysis Update

- Yield Ratio (Exp/SIMC) for  $\varepsilon = 0.629$

7 t and 16  $\Phi$ -Bins

$Q^2 = 0.38 \text{ GeV}^2$



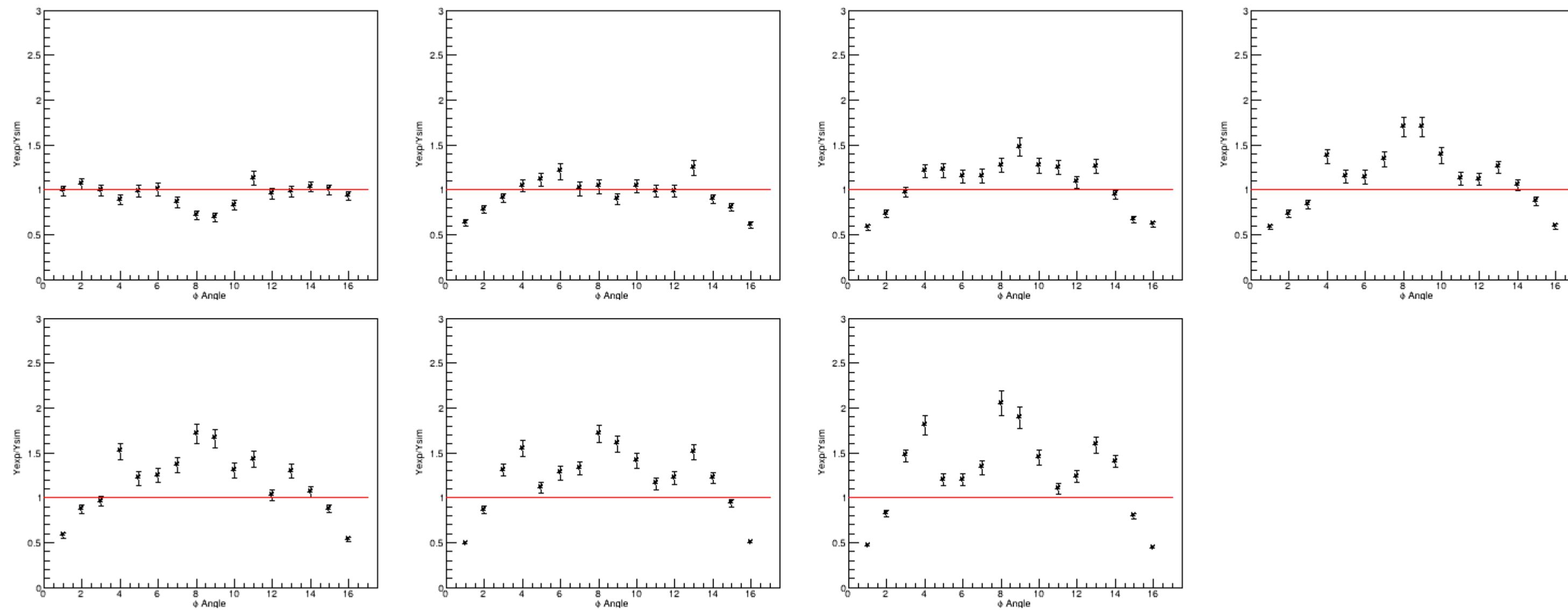
**PRELIMINARY**

# LT Separation Analysis Update

- Yield Ratio (Exp/SIMC) for  $\varepsilon = 0.781$

7 t and 16  $\Phi$ -Bins

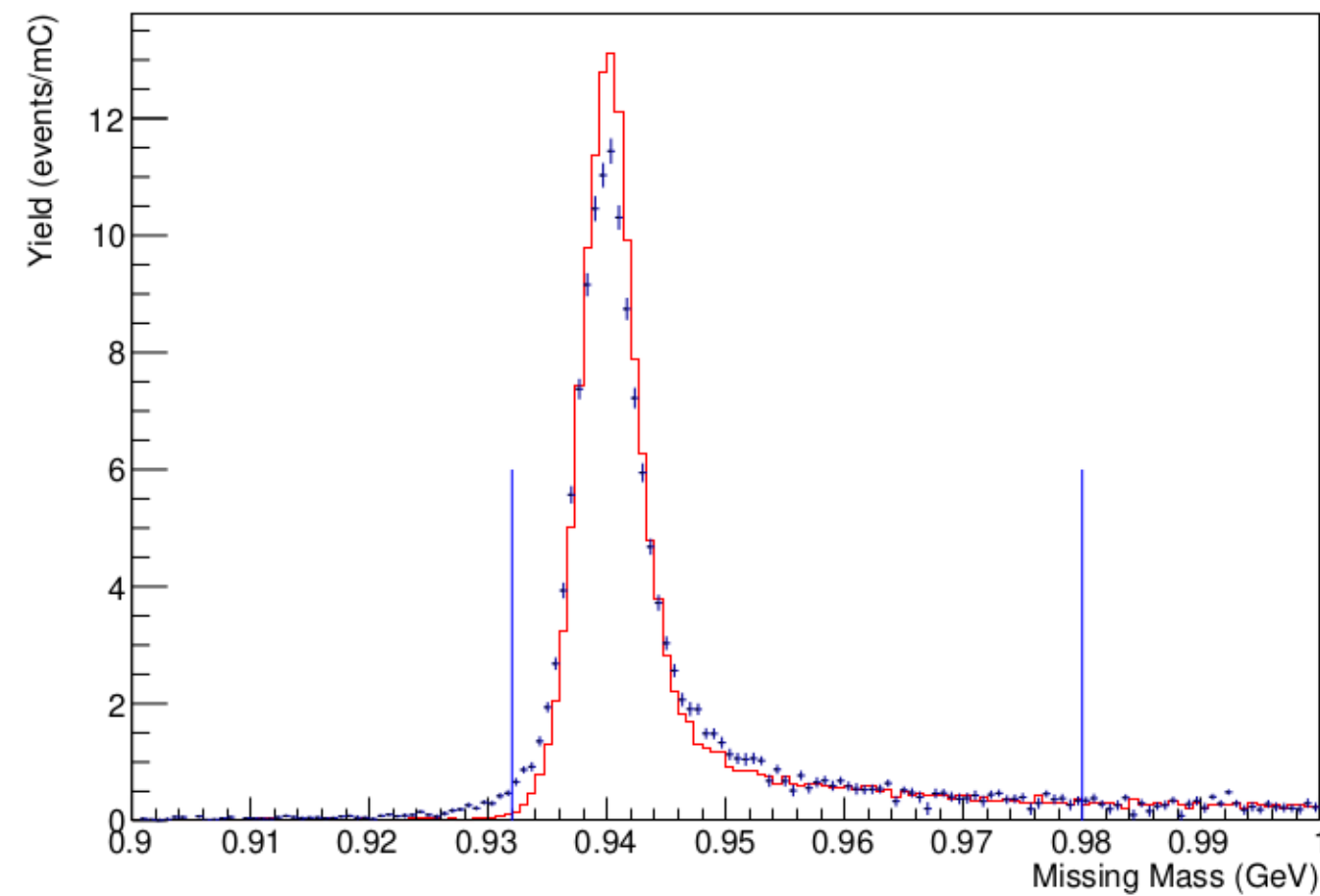
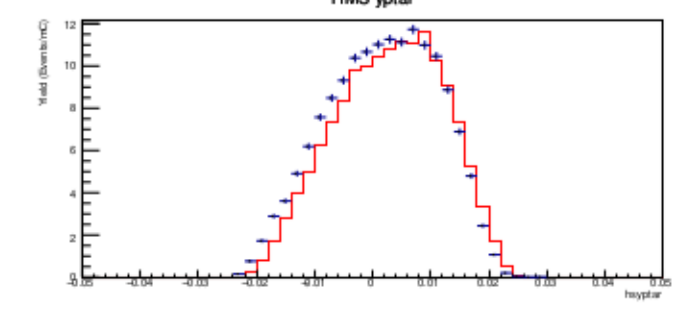
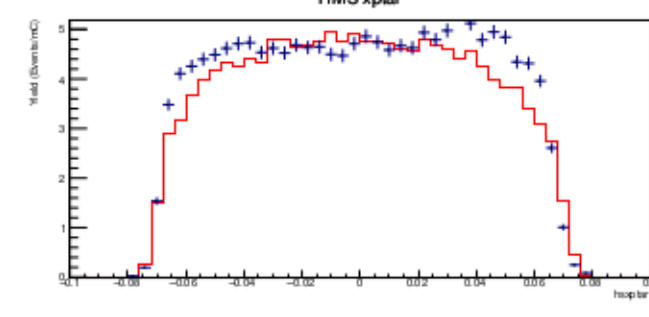
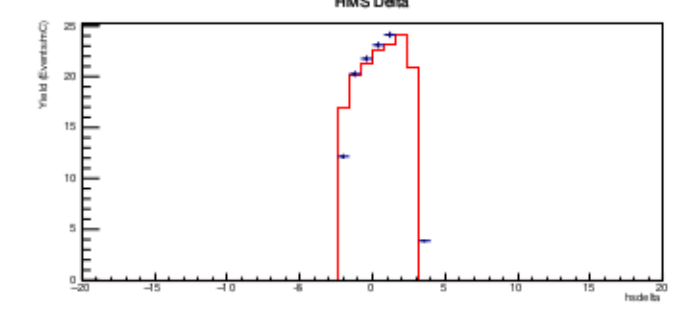
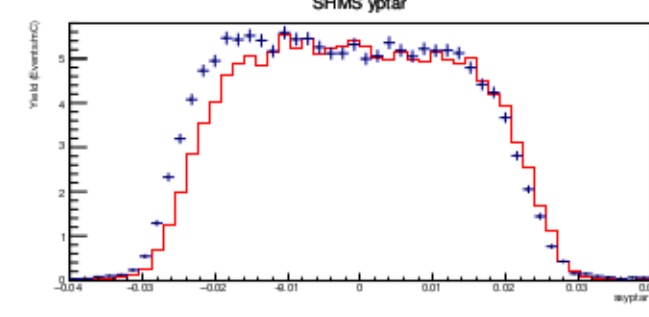
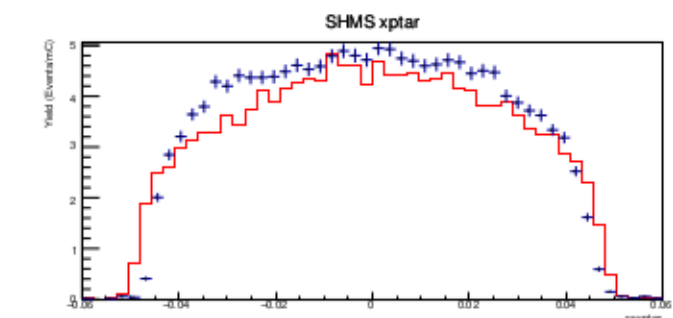
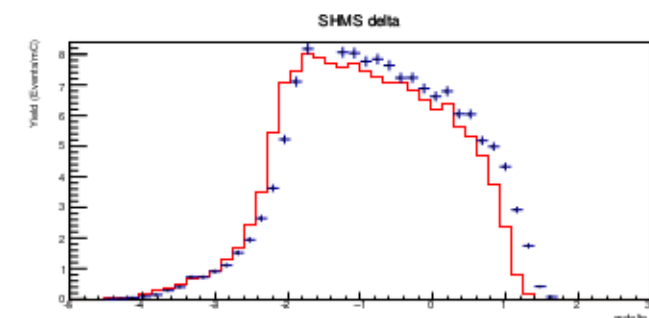
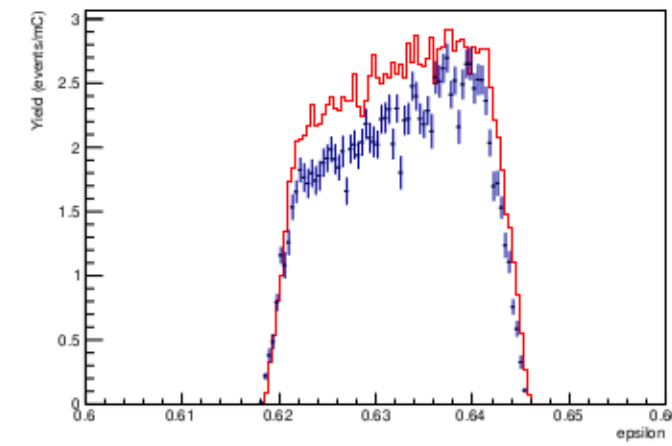
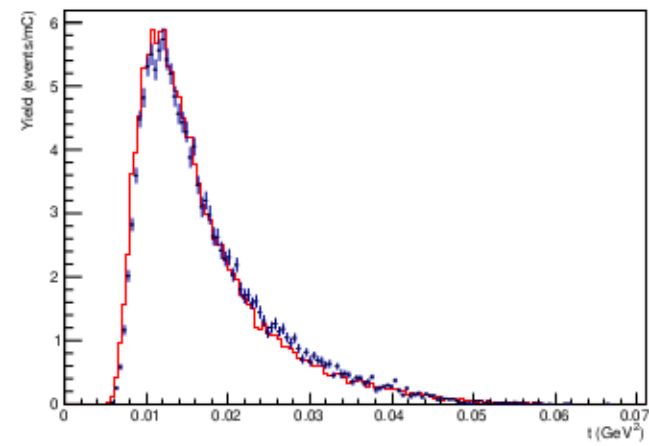
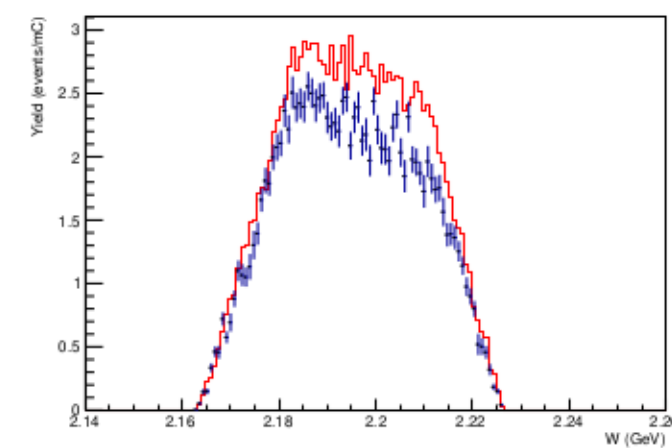
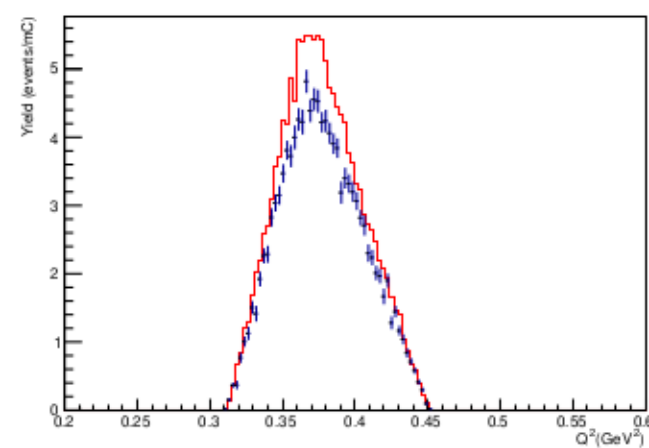
$Q^2 = 0.38 \text{ GeV}^2$



**PRELIMINARY**

# LT Separation Analysis Update

- Thesis Plots ( $Q^2 = 0.38$ ,  $\epsilon = 0.629$  and experimental Center setting)



**PRELIMINARY**

# LT Separation Analysis Update

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- **Next Plan for 3-4 Weeks:**

I have a tight deadline from our FGSR office to complete my thesis. As a result, I'll be fully focused on meeting this deadline and won't be able to participate in the upcoming meetings until my thesis is ready to be submitted to FGSR.