

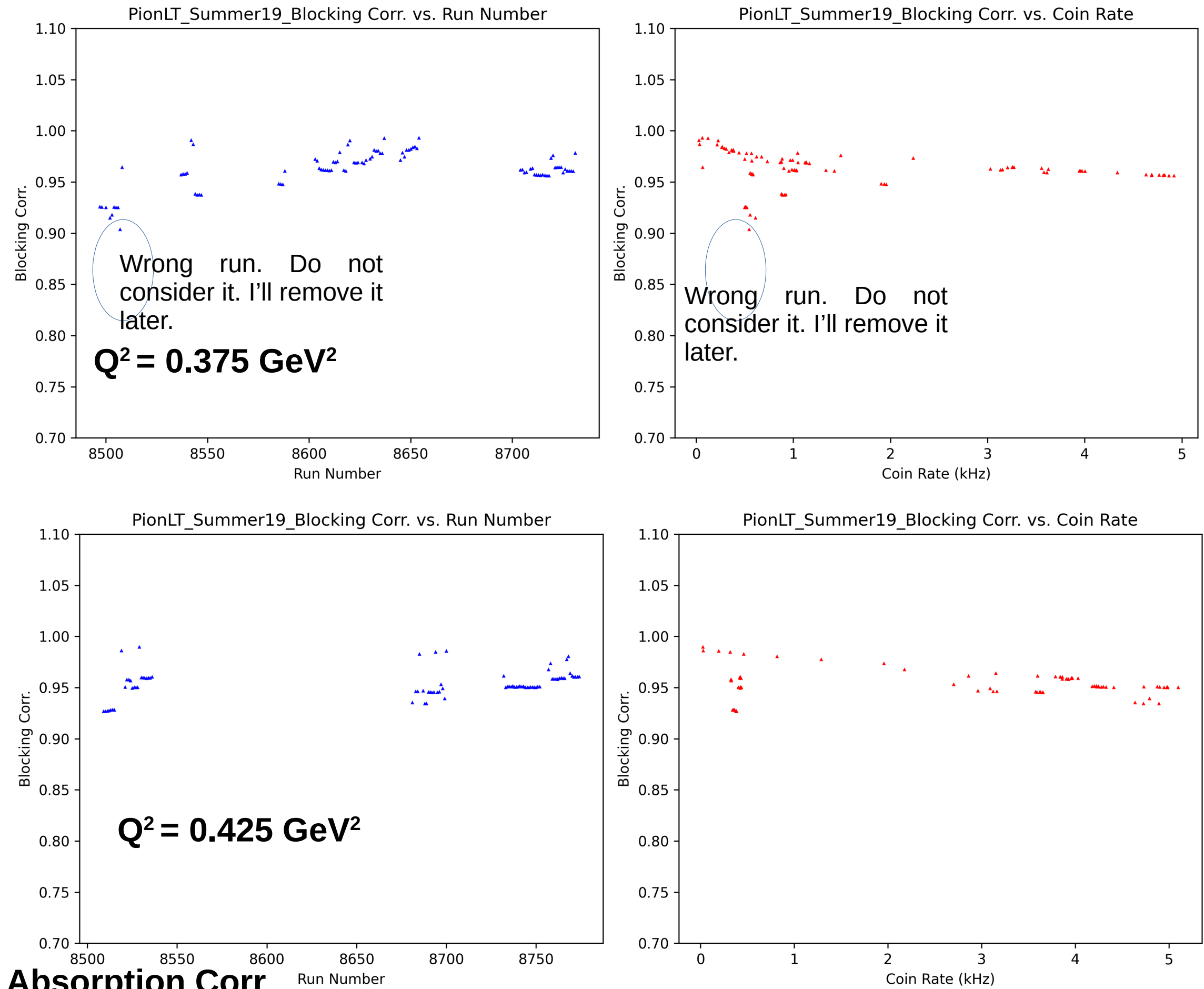
PionLT Summer 2019 data analysis:

NEW CROSS-SECTION with

Pion Coin Blocking Correction

Pion Absorption Correction

For both Q^2 data



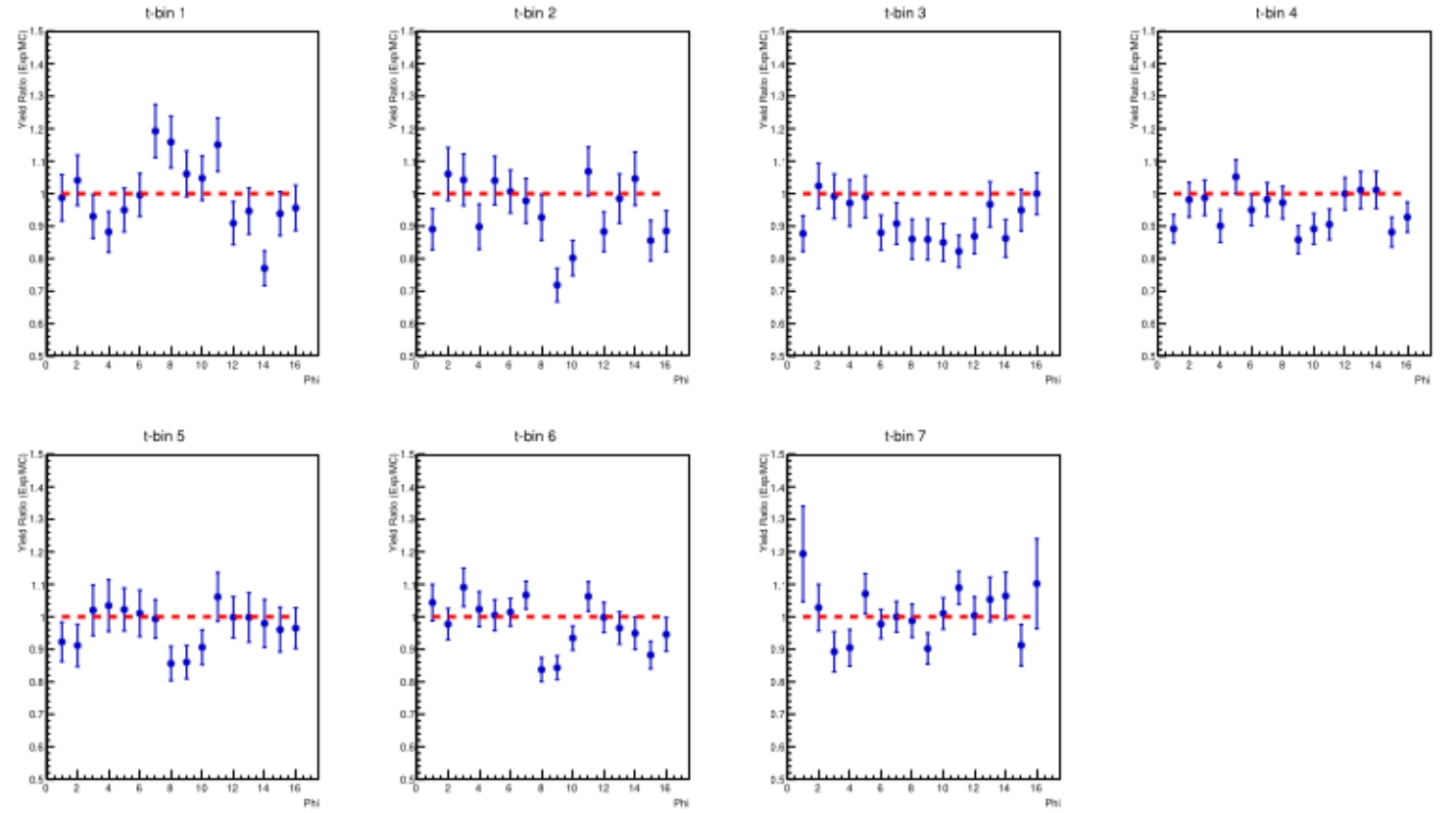
Absorption Corr

π^+	2.326	No Cuts	2.16	2.024 ± 0.045	0.97976 ± 0.00045
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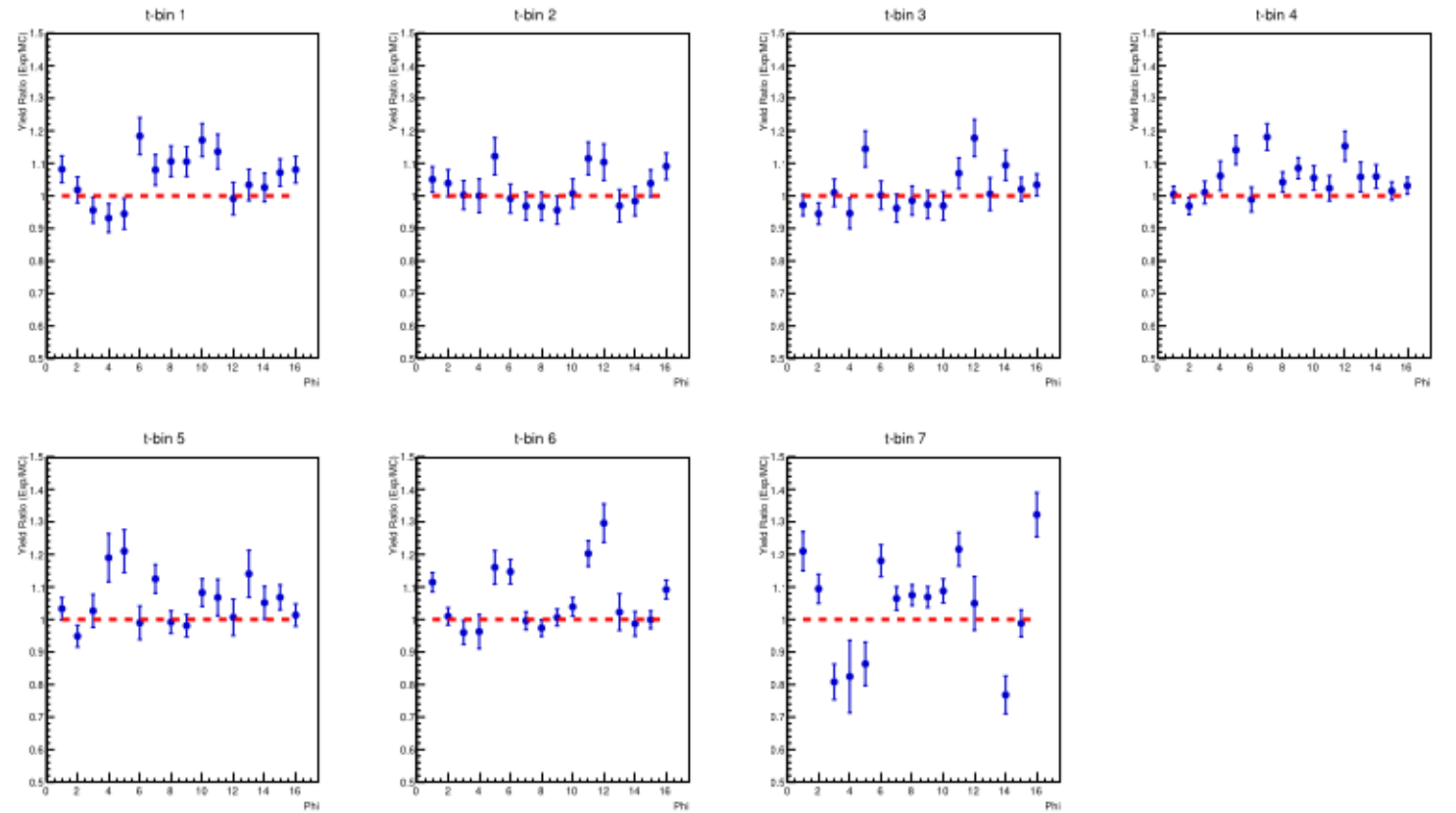
$$Q^2 = 0.375 \text{ GeV}^2$$

Yield (Data/SIMC)

High ε



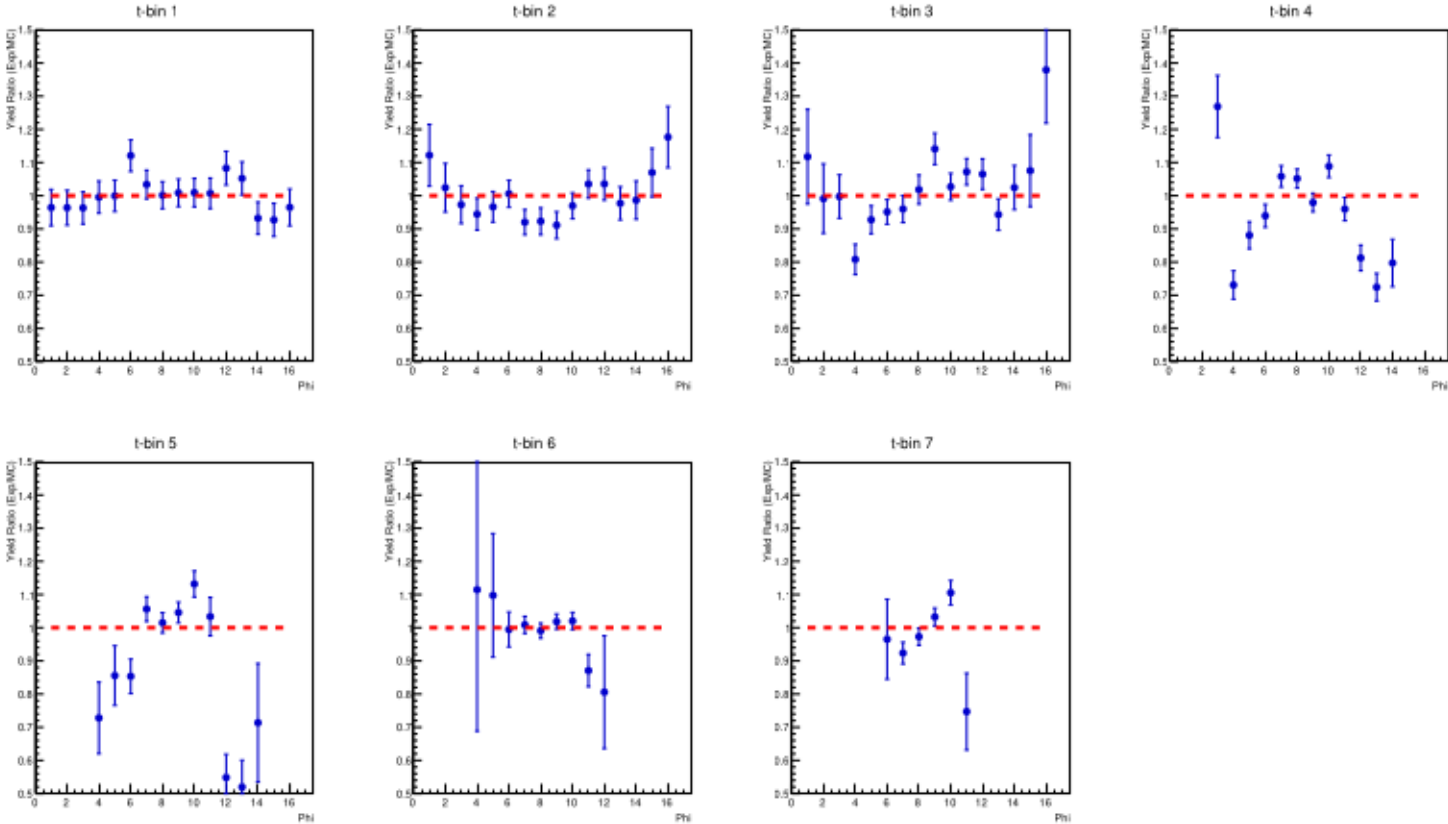
Mid ε



$Q^2 = 0.375 \text{ GeV}^2$

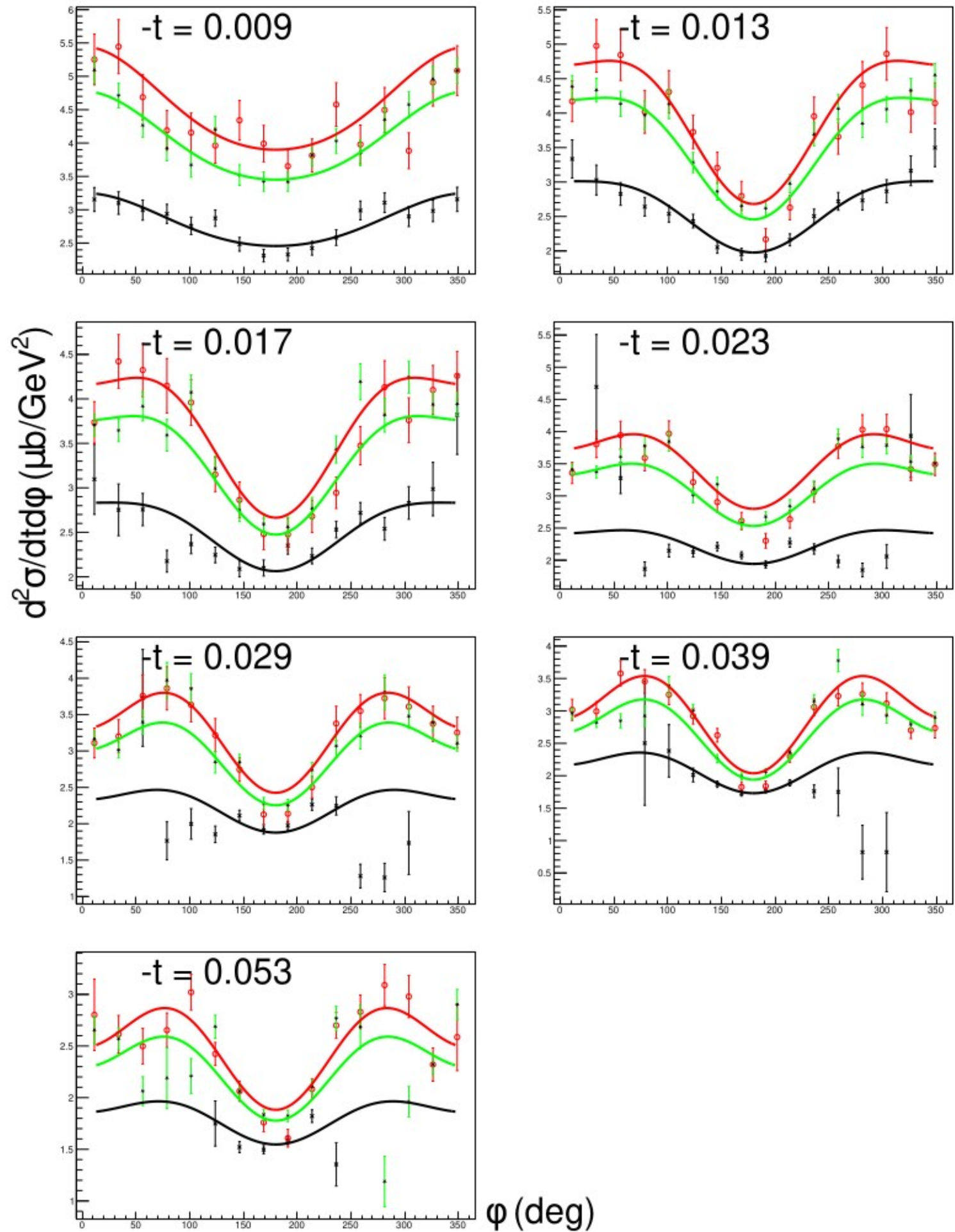
Yield (Data/SIMC)

Low ϵ



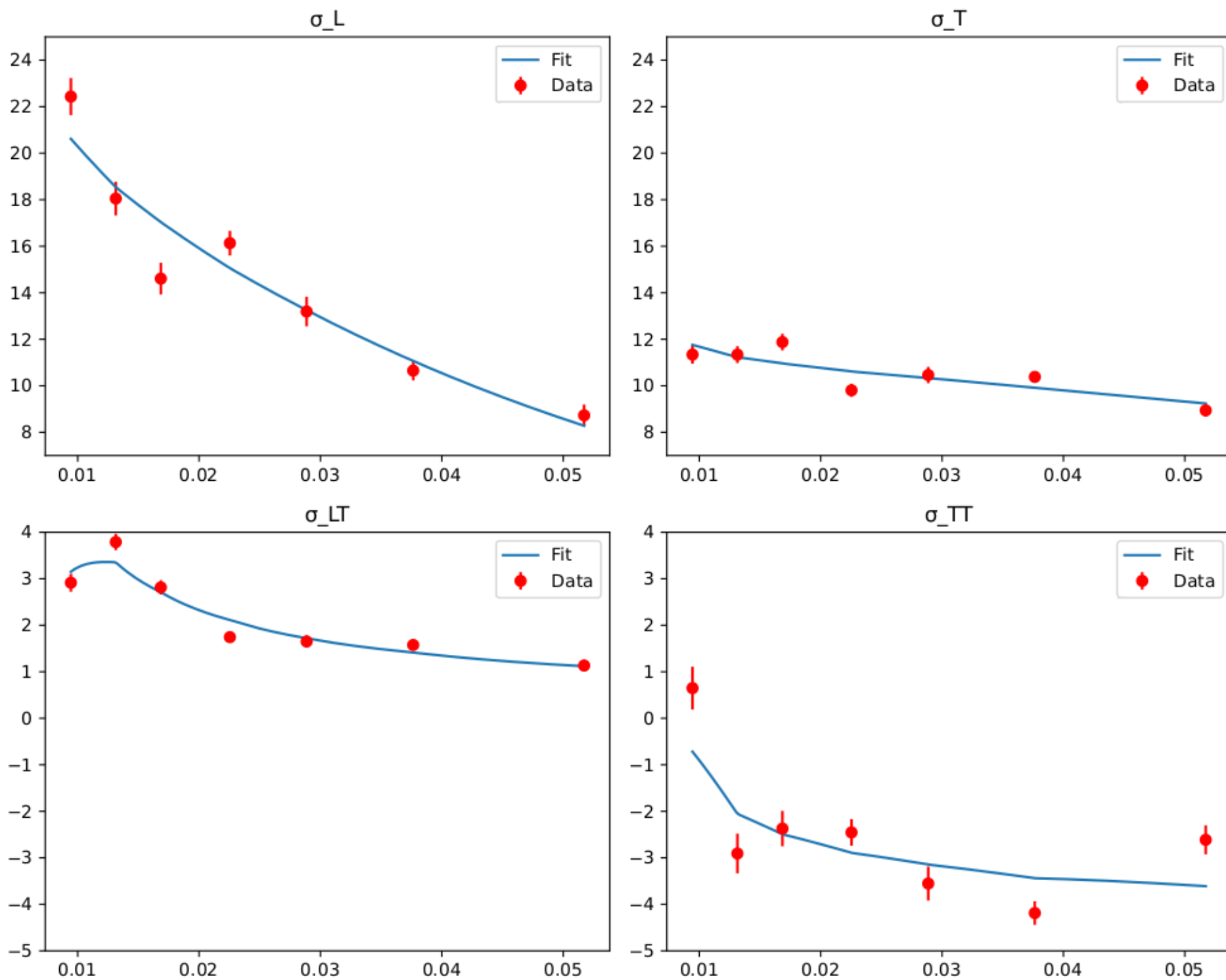
$Q^2 = 0.375 \text{ GeV}^2$

Unseparated Cross-Section (Rosenbluth Fit)



$$Q^2 = 0.375 \text{ GeV}^2$$

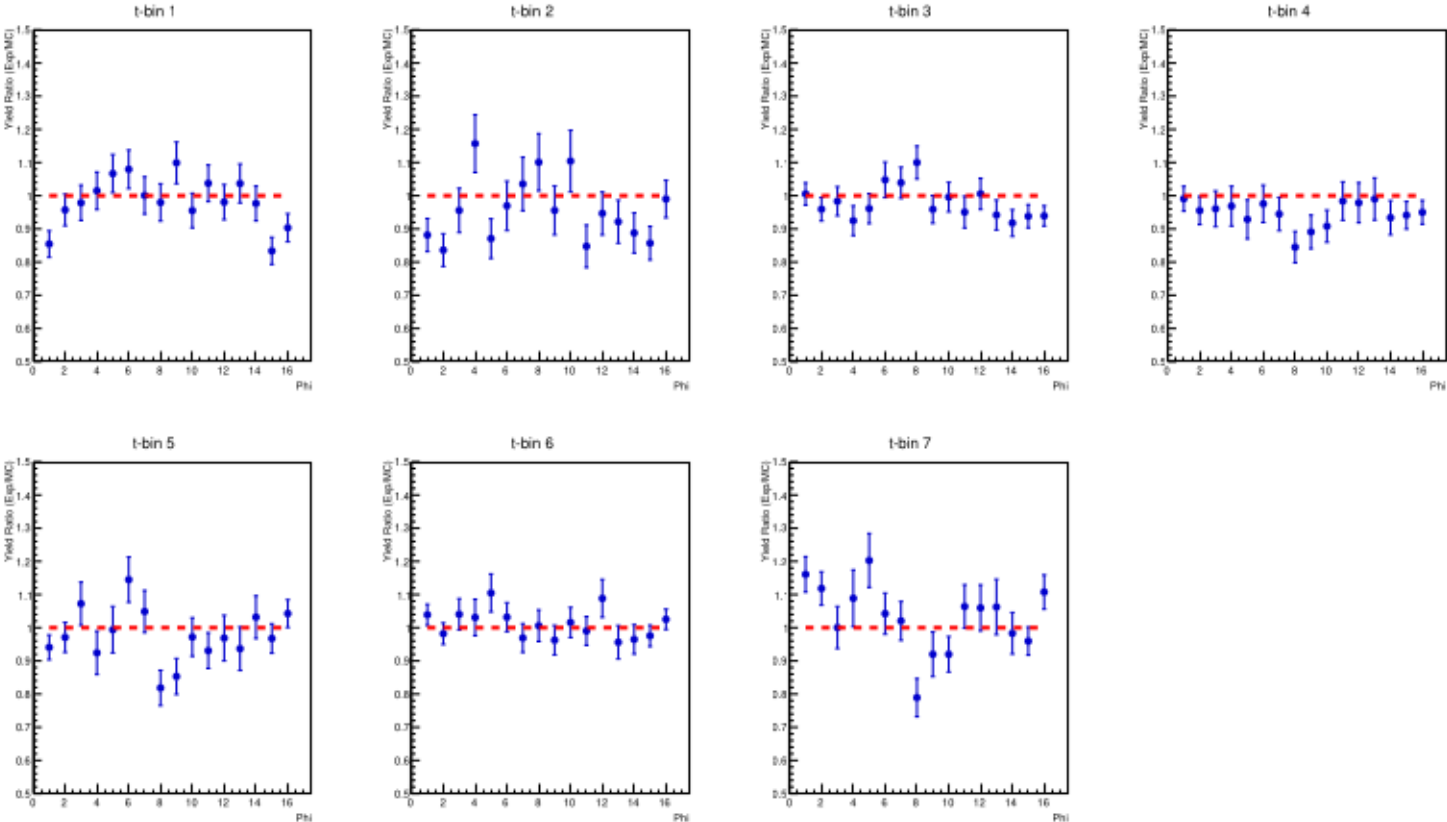
Separated Cross-Section



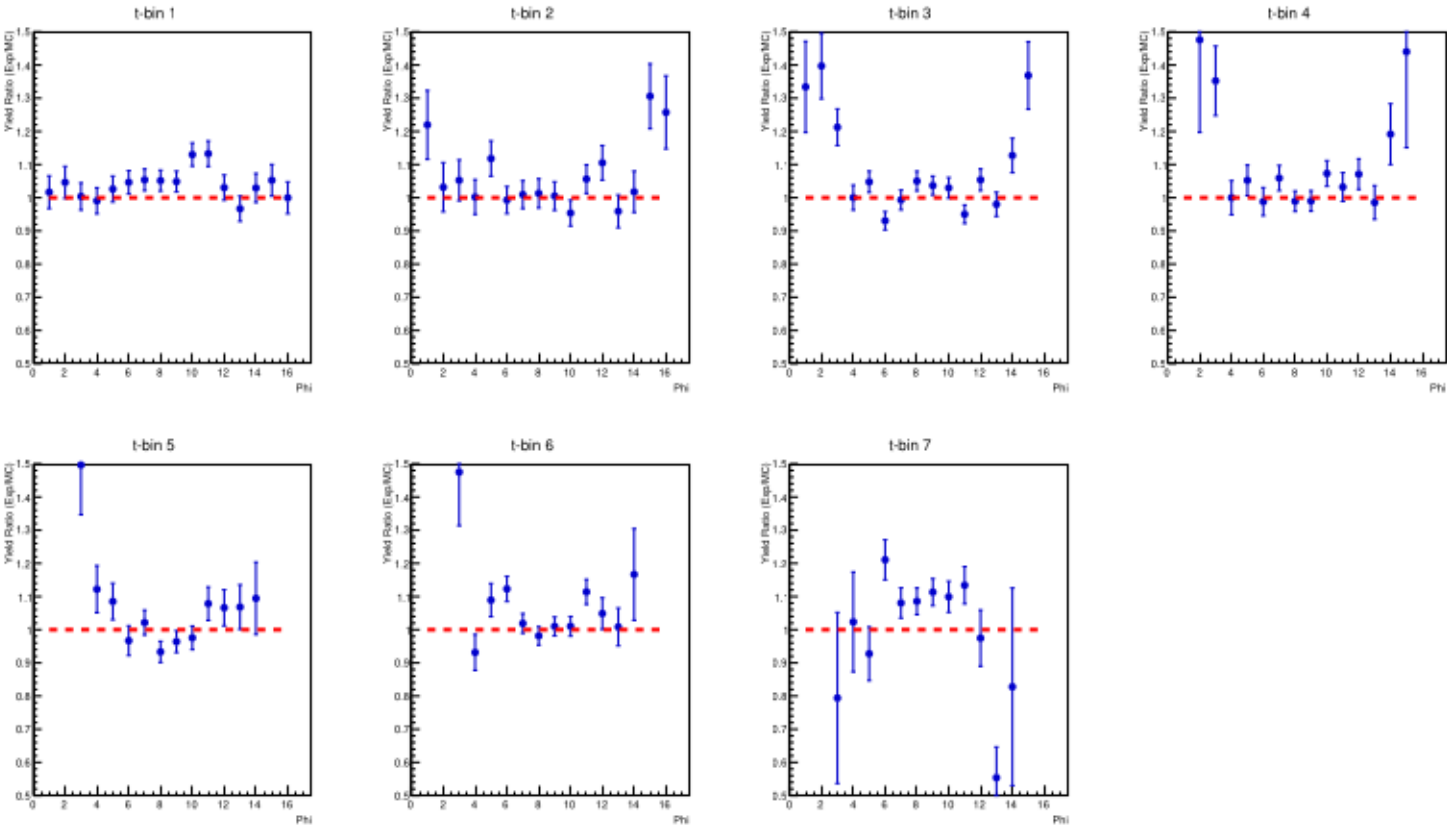
$Q^2 = 0.425 \text{ GeV}^2$

Yield (Data/SIMC)

High ϵ



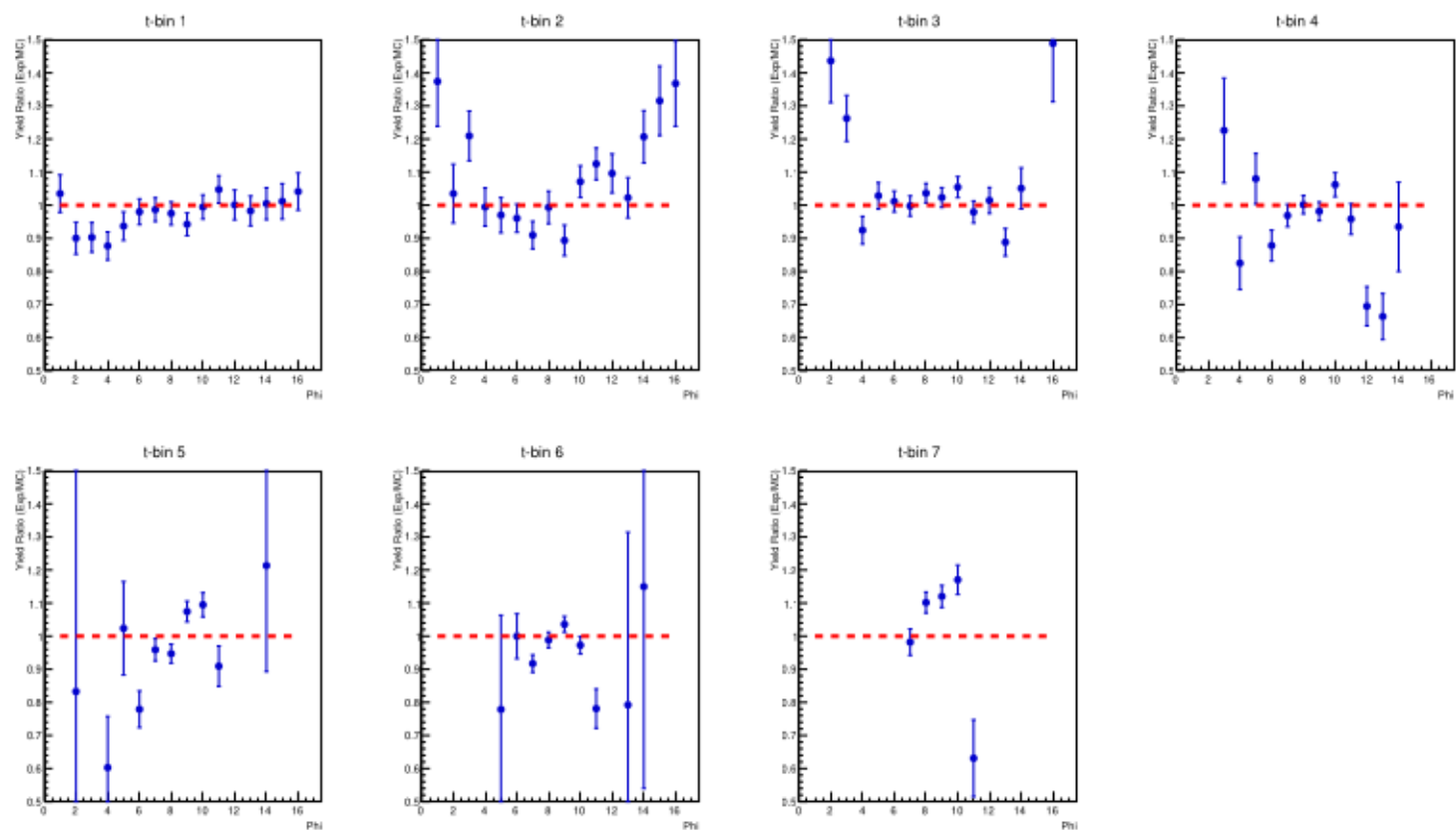
Mid ϵ



$Q^2 = 0.425 \text{ GeV}^2$

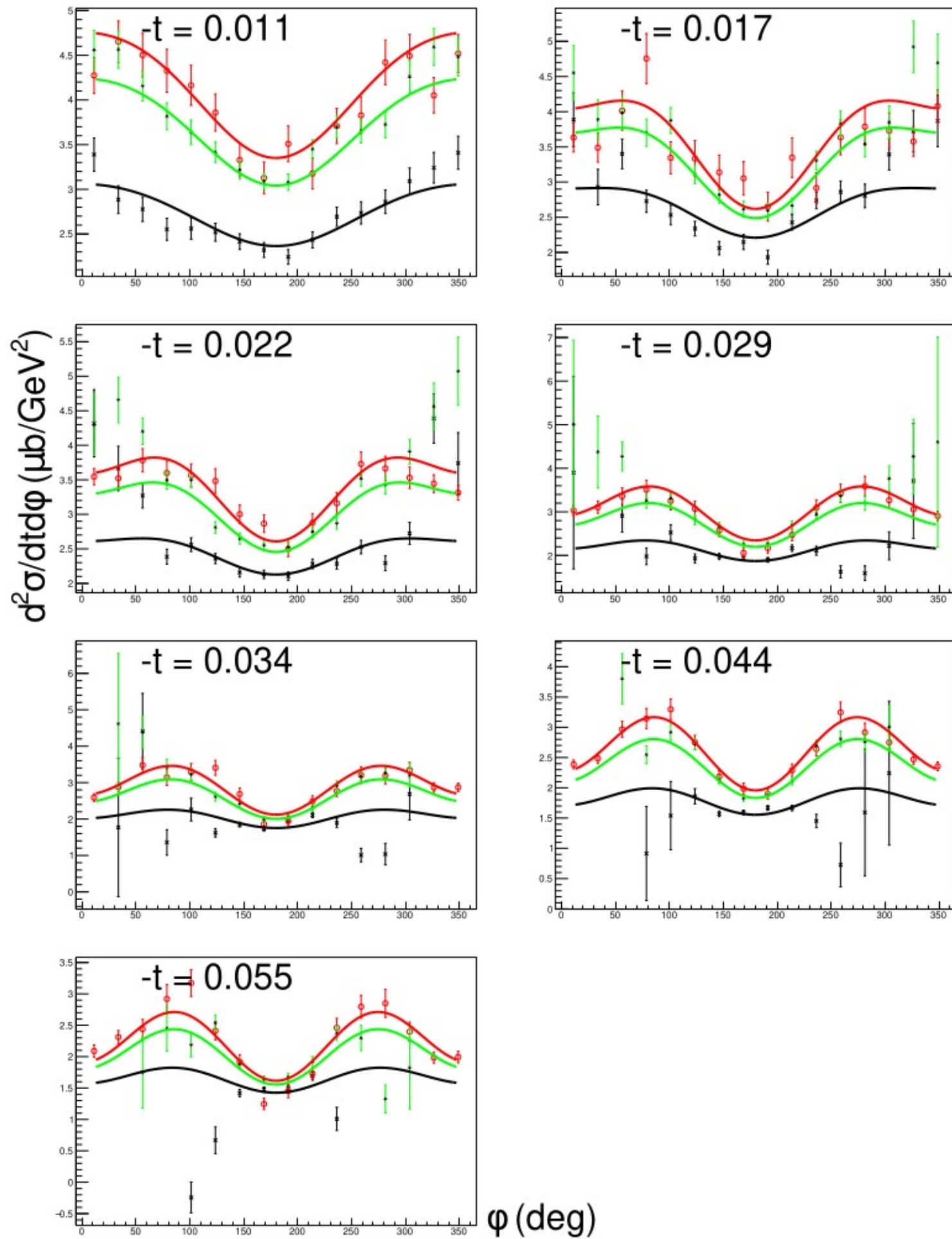
Yield (Data/SIMC)

Low ϵ



$Q^2 = 0.425 \text{ GeV}^2$

Unseparated Cross-Section (Rosenbluth Fit)



$$Q^2 = 0.425 \text{ GeV}^2$$

Separated Cross-Section

