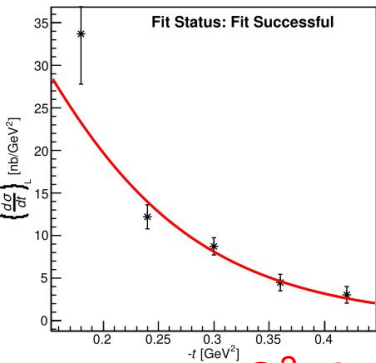


KaonLT Meeting

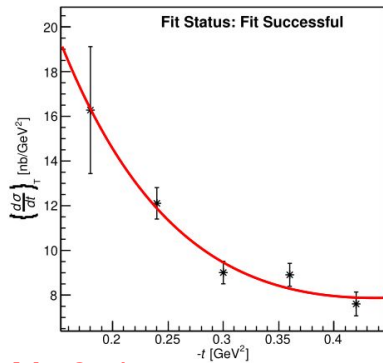
October 3rd, 2024

Richard Trotta

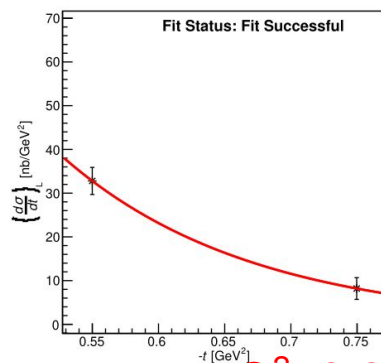
Sigma L Model Fit



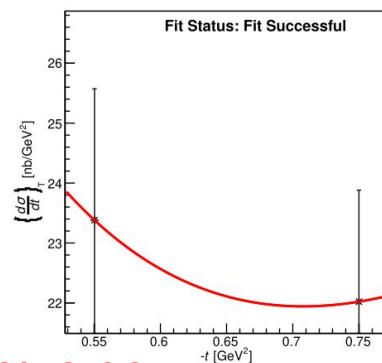
Sigma T Model Fit



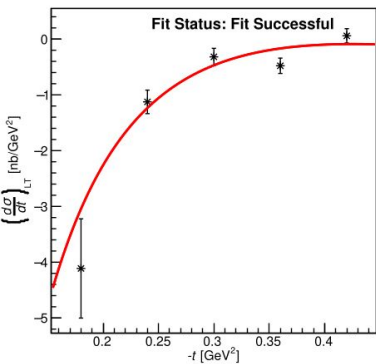
Sigma L Model Fit



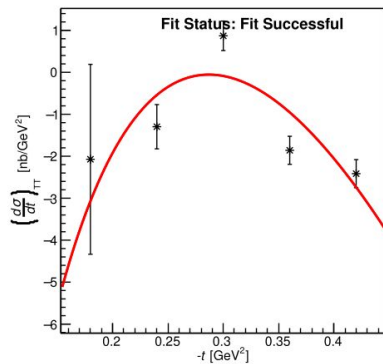
Sigma T Model Fit


 $Q^2=3.0, W=3.14$
 $Q^2=3.0, W=2.32$

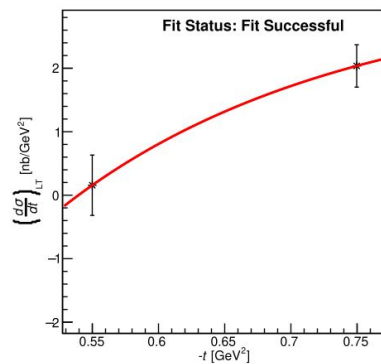
Sigma LT Model Fit



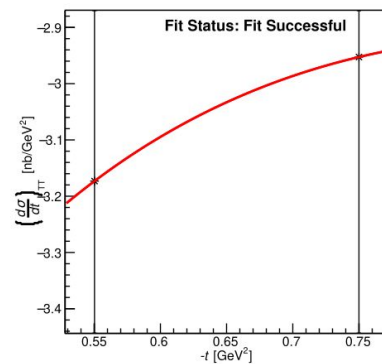
Sigma TT Model Fit



Sigma LT Model Fit



Sigma TT Model Fit

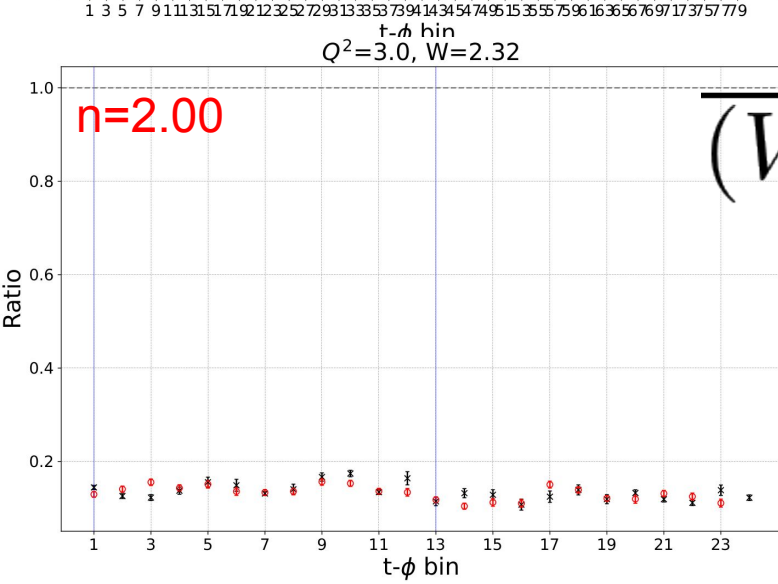
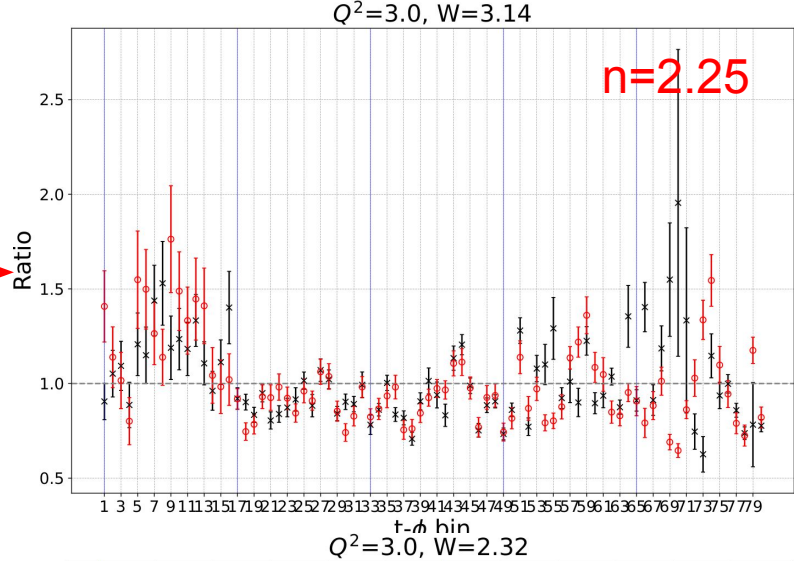
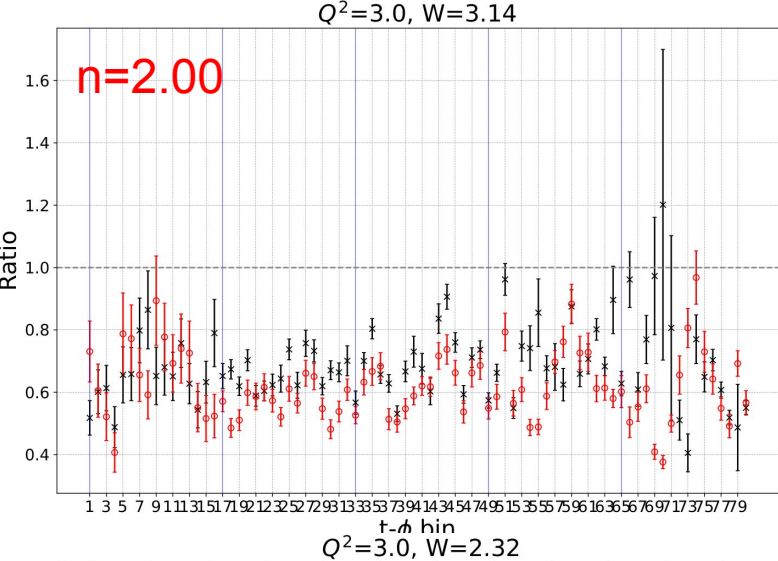


$$\sigma_L = (p_1 \cdot Q_{dep,L} \cdot f_t) \cdot e^{-p_2 |t|}$$

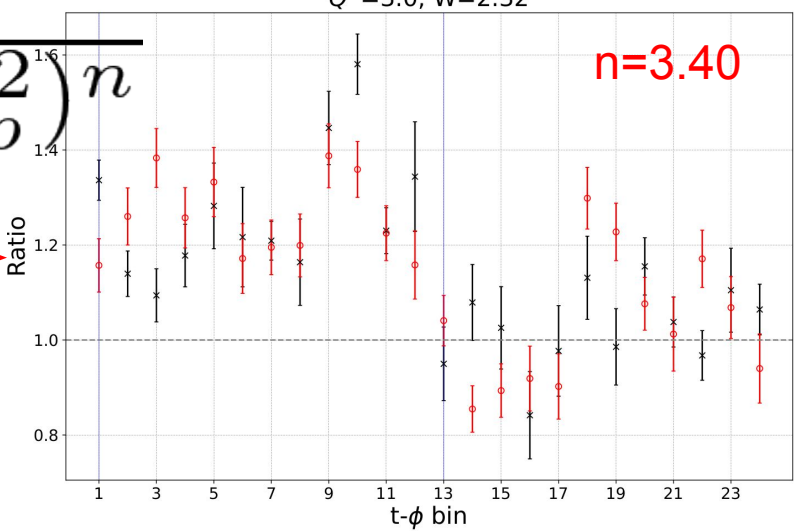
$$\sigma_{LT} = (p_9 \cdot e^{p_{10} |t|} + \frac{p_{11}}{|t|}) \cdot \sin \theta$$

$$\sigma_T = (p_5 e^{-p_6 |t|} + p_7 \cdot |t|) \cdot Q_{dep,T}^{p_8}$$

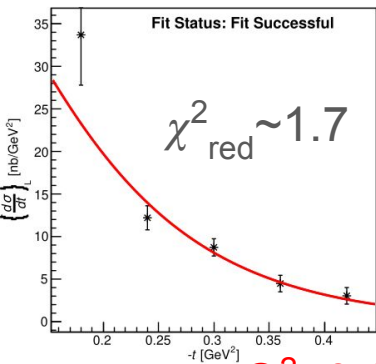
$$\sigma_{TT} = (-p_{13} |t| + p_{14}) \cdot |t|^{\frac{Q^2}{p_{15}}} - p_{16} \cdot Q^2$$



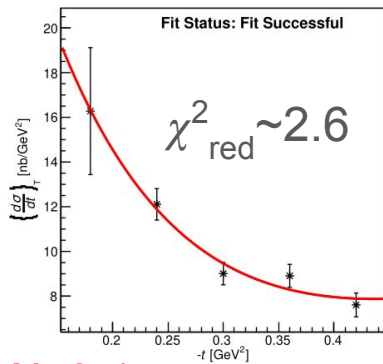
$$\frac{1}{(W^2 - M_p^2)^n}$$



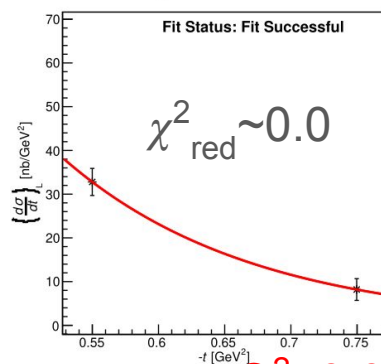
Sigma L Model Fit



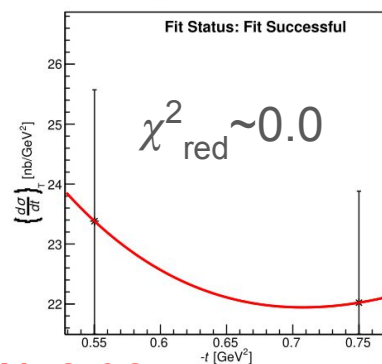
Sigma T Model Fit



Sigma L Model Fit



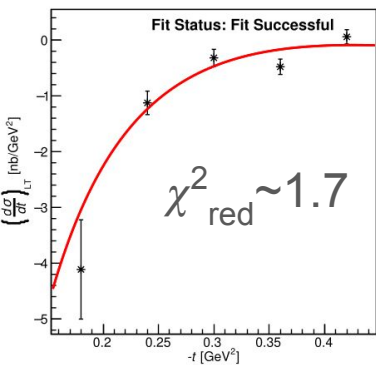
Sigma T Model Fit



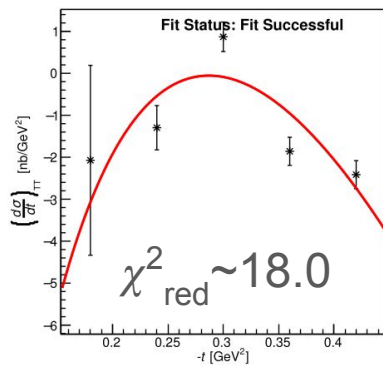
$Q^2=3.0, W=3.14$

$Q^2=3.0, W=2.32$

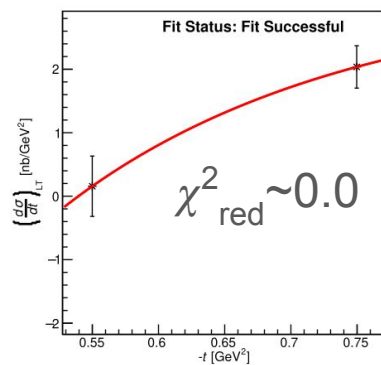
Sigma LT Model Fit



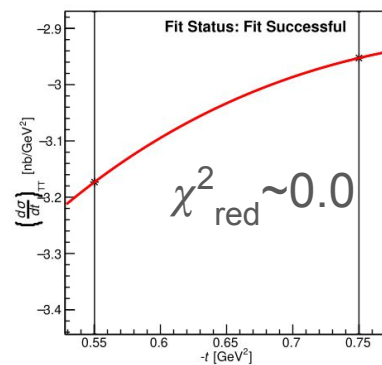
Sigma TT Model Fit



Sigma LT Model Fit



Sigma TT Model Fit



$$\sigma_L = (p_1 \cdot Q_{dep,L} \cdot f_t) \cdot e^{-p_2|t|}$$

$$\sigma_{LT} = (p_9 \cdot e^{p_{10}|t|} + \frac{p_{11}}{|t|}) \cdot \sin \theta$$

$$\sigma_T = (p_5 e^{-p_6|t|} + p_7 \cdot |t|) \cdot Q_{dep,T}^{p_8}$$

$$\sigma_{TT} = (-p_{13}|t| + p_{14}) \cdot |t|^{\frac{Q^2}{p_{15}}} - p_{16} \cdot Q^2$$