

KaonLT Meeting

February 13th, 2024

Richard Trotta

$$\sigma_L = (p_1 \cdot Q_{\text{dep},L} \cdot f_t) \cdot \exp(-|p_2 \cdot t_t|)$$

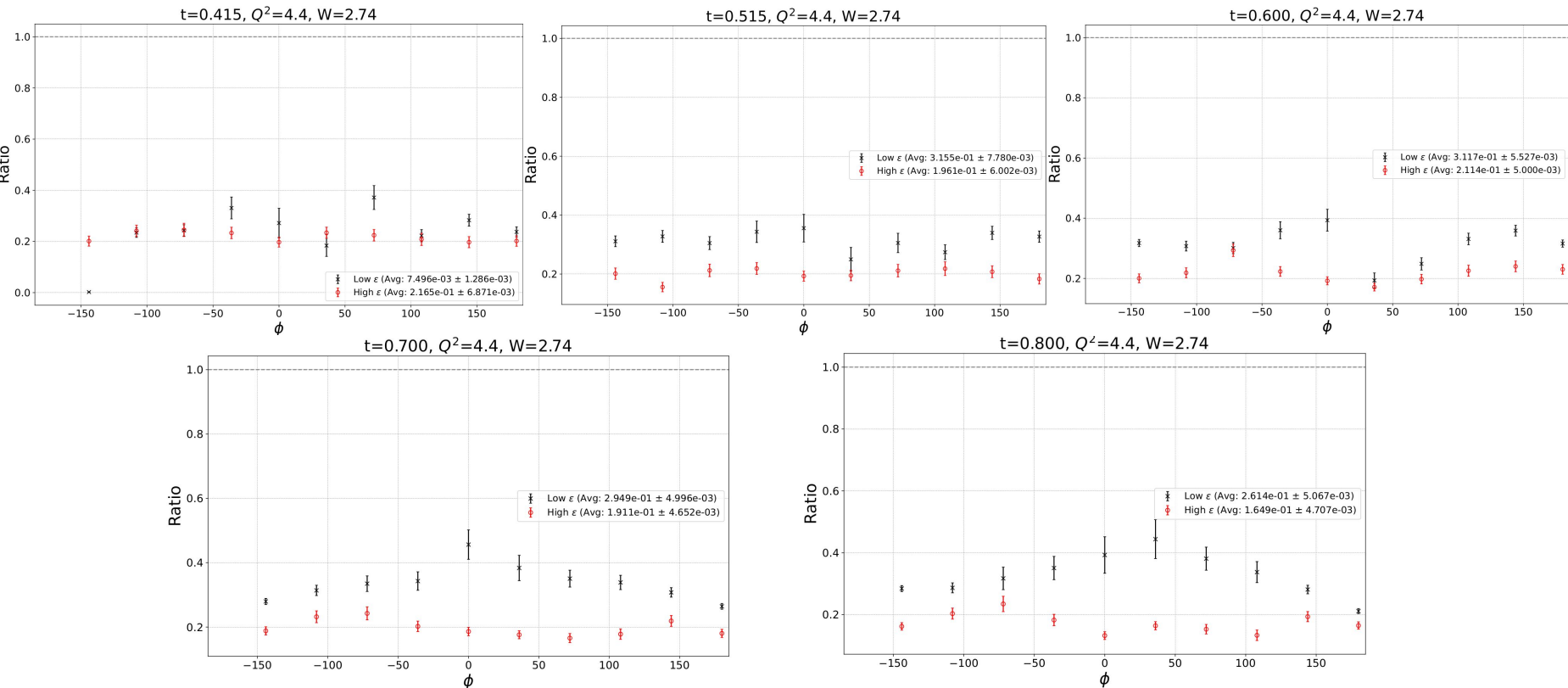
$$\sigma_T = (p_5 \cdot \exp(-|p_6 \cdot t_t|)) \cdot Q_{\text{dep},T}$$

$$\sigma_{LT} = \left(p_9 \cdot \exp(-|p_{10} \cdot t_t|) + \frac{p_{11}}{|t_t|} \right) \cdot \sin(\theta_{\text{cm}})$$

$$\sigma_{TT} = (p_{13} \cdot Q_{\text{dep},TT}) \cdot f_t \cdot \sin^2(\theta)$$

$$w_{\text{factor}} = \frac{1}{(W^2 - M^2) \cdot 0.85 \cdot W^2 - 5.97 \cdot W + 12.68}$$

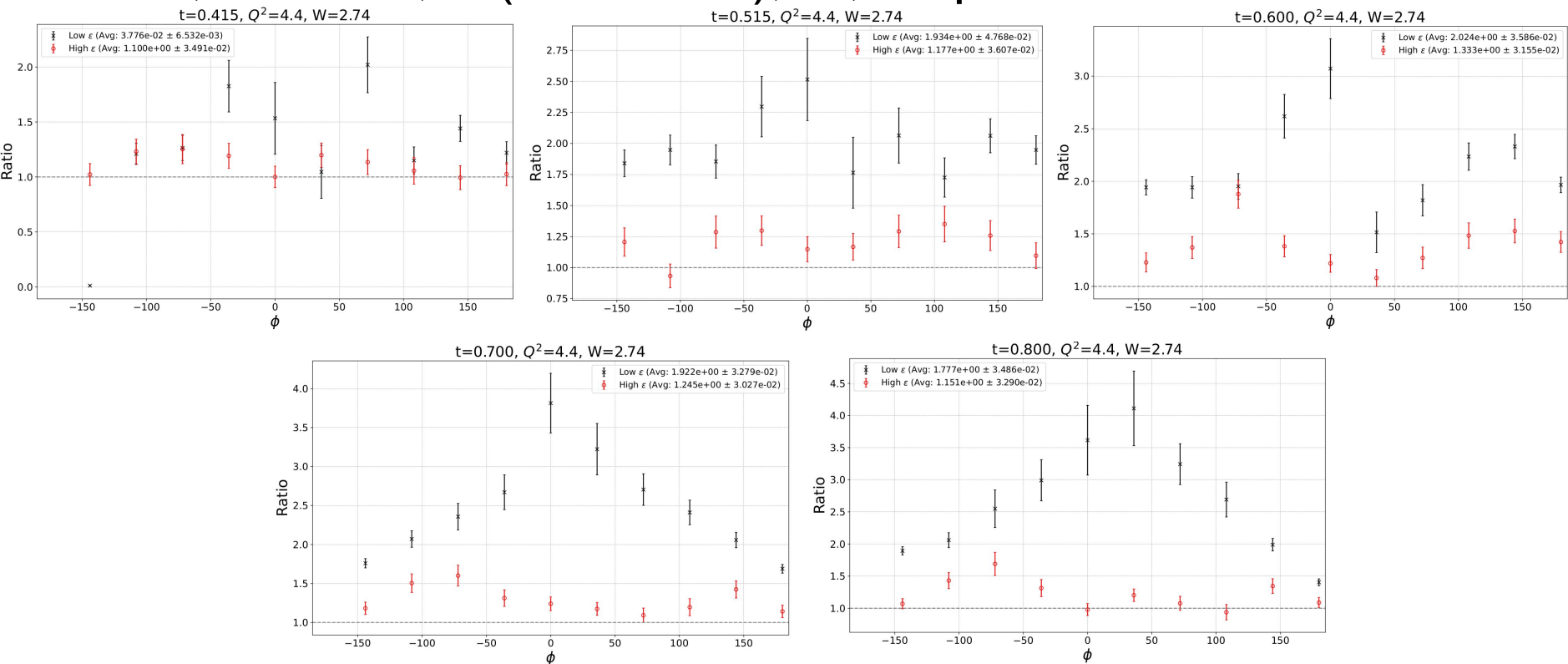
$Q^2=4.4, W=2.74, t=(0.35-0.85), 5t, 10\phi$



$$w_{\text{factor}} = \frac{1}{(W^2 - M^2)^2}$$

$i=5$

$Q^2=4.4, W=2.74, t=(0.35-0.85), 5t, 10\phi$



$$w_{\text{factor}} = \frac{1}{(W^2 - M^2)^{0.85} \cdot W^2 - 5.97 \cdot W + 12.68}$$

****i=2