

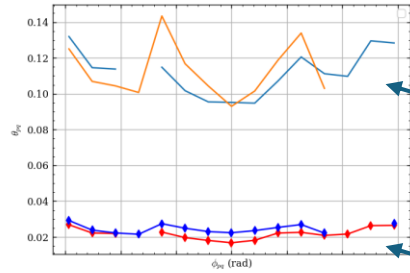
Correction : Averaged θ_{pq} (CMS)

$$\sigma_L = \frac{p_0 |t|}{(|t| + m_K^2)^2} \exp(-p_1 |t|)$$

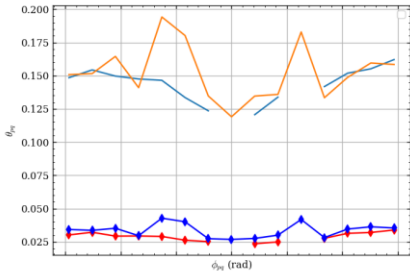
$$\sigma_T = p_4 \exp(-|p_5 t|)$$

$$\sigma_{LT} = p_8 \exp(-p_9 |t|) \sin^2 \theta$$

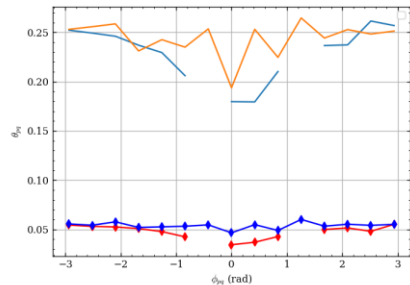
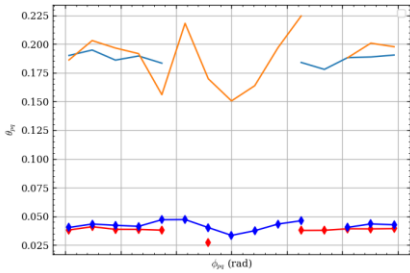
$$\sigma_{TT} = p_{12} \exp(-p_{13} |t|) \sin^2 \theta$$



Re-calculated



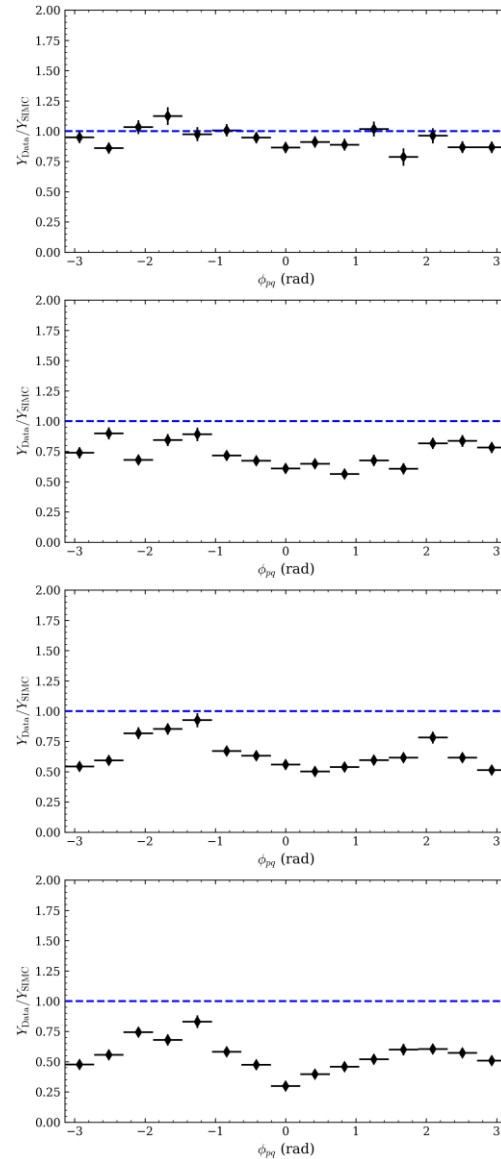
P_kin_secondary_th_xq



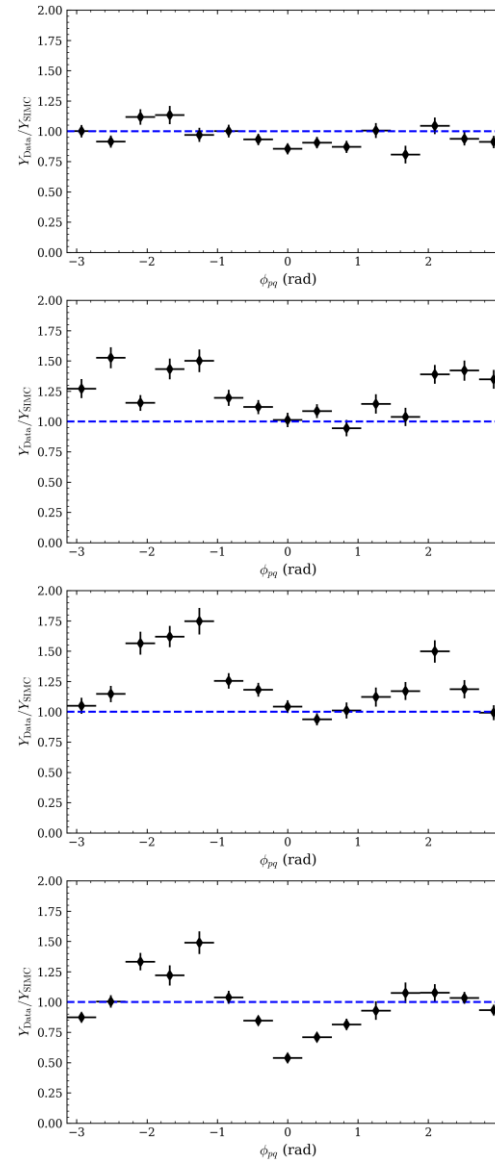
- Probably Different frame
- Negative weight
 - Use data averaged P_kin_secondary_th_xq for fitting functional form
 - Use SIMC vertex thetacm for reweighting
- ✓ Consistent now

Yield ratio (high ϵ) $Q^2=3.0$, $W=3.14$ setting

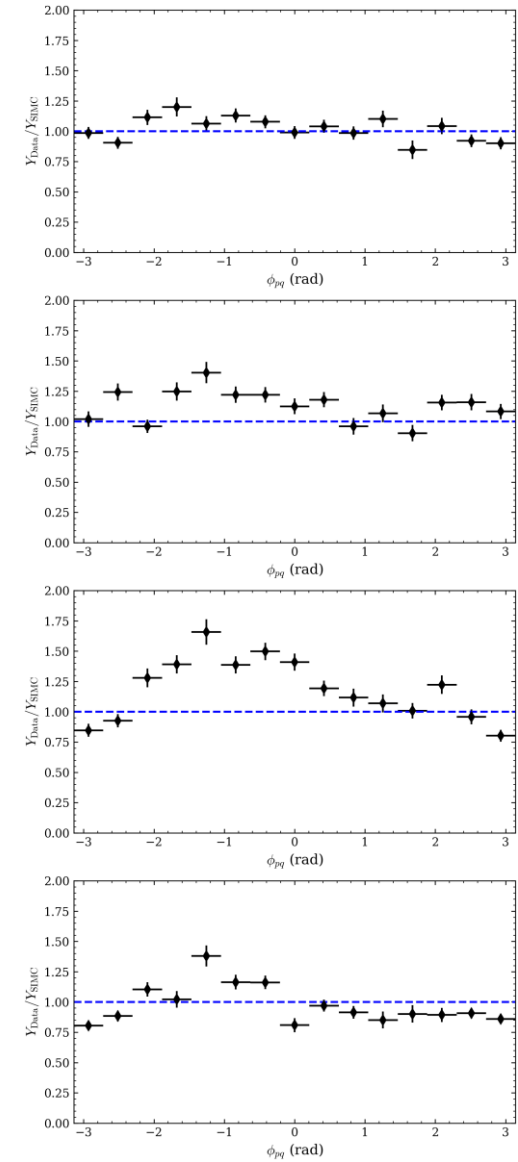
Iter 1



Iter 3

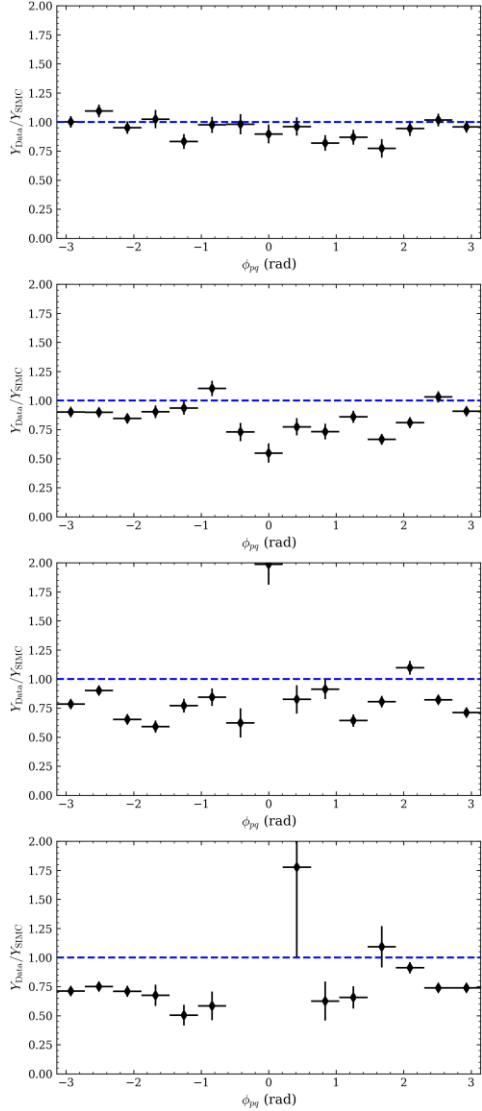


Iter 6

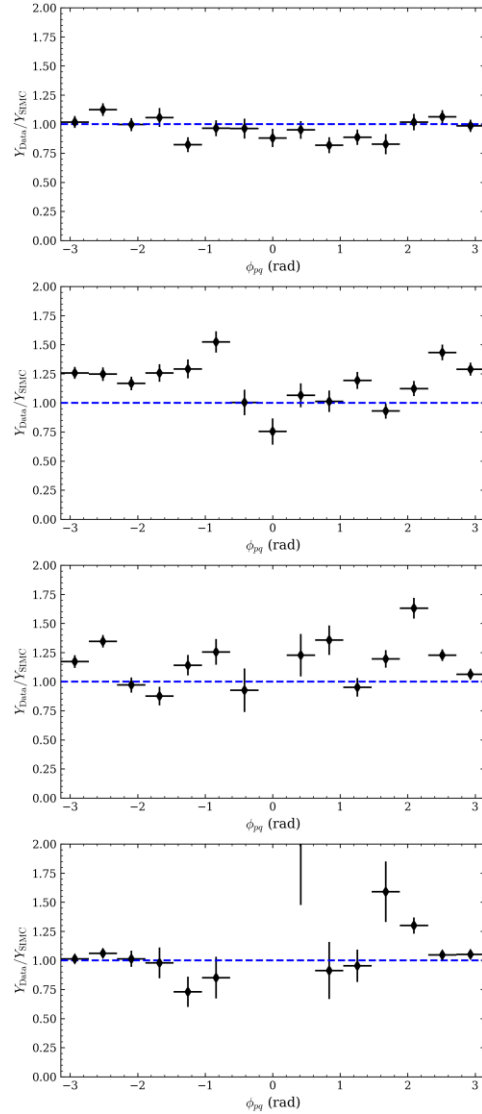


Yield ratio (low ϵ) $Q^2=3.0$, $W=3.14$ setting

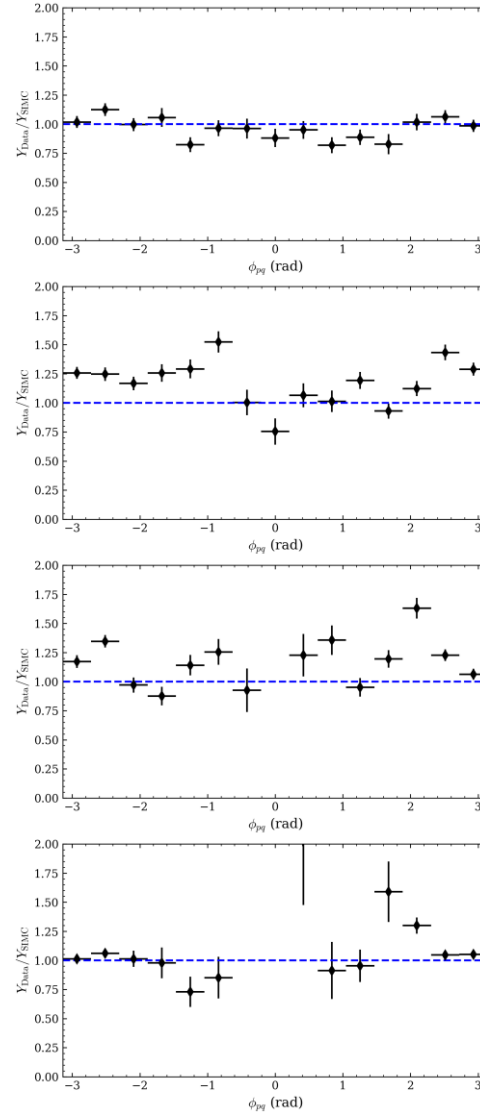
Iter 1



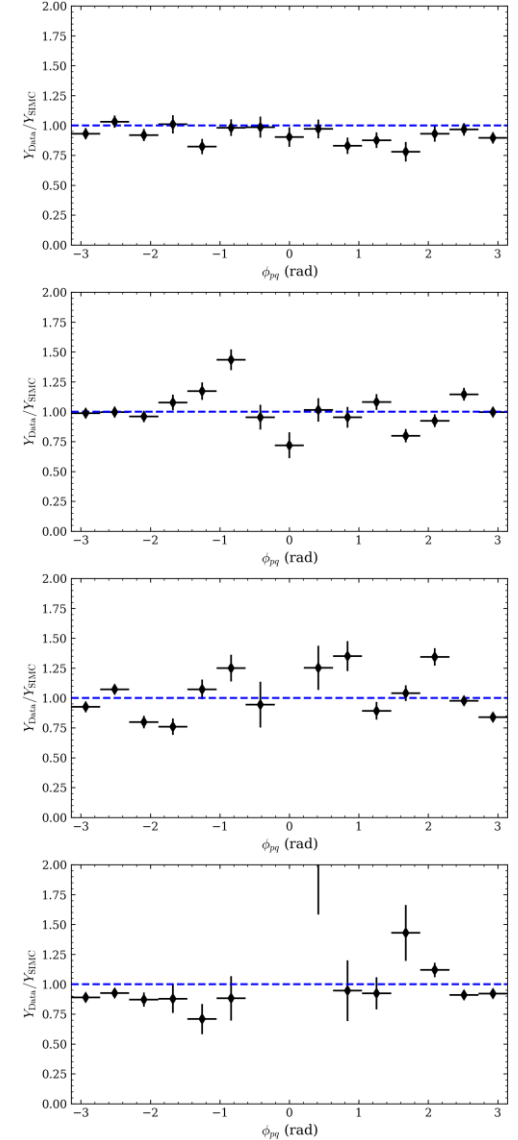
Iter 3



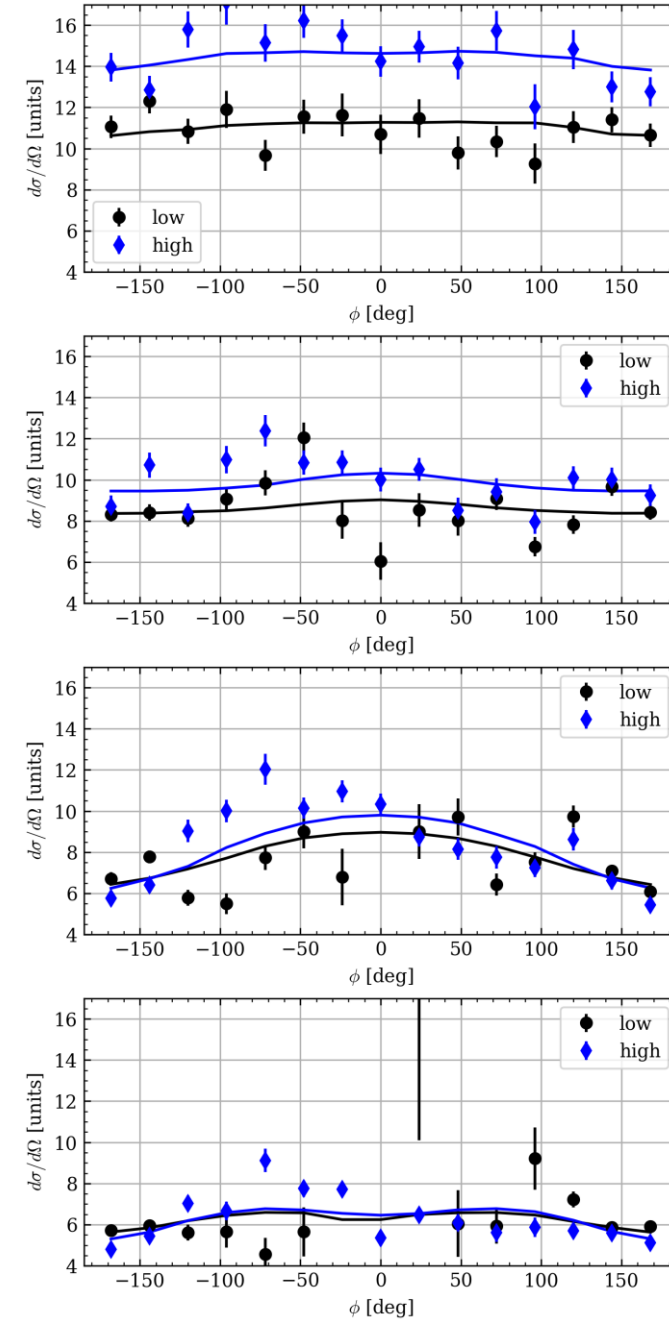
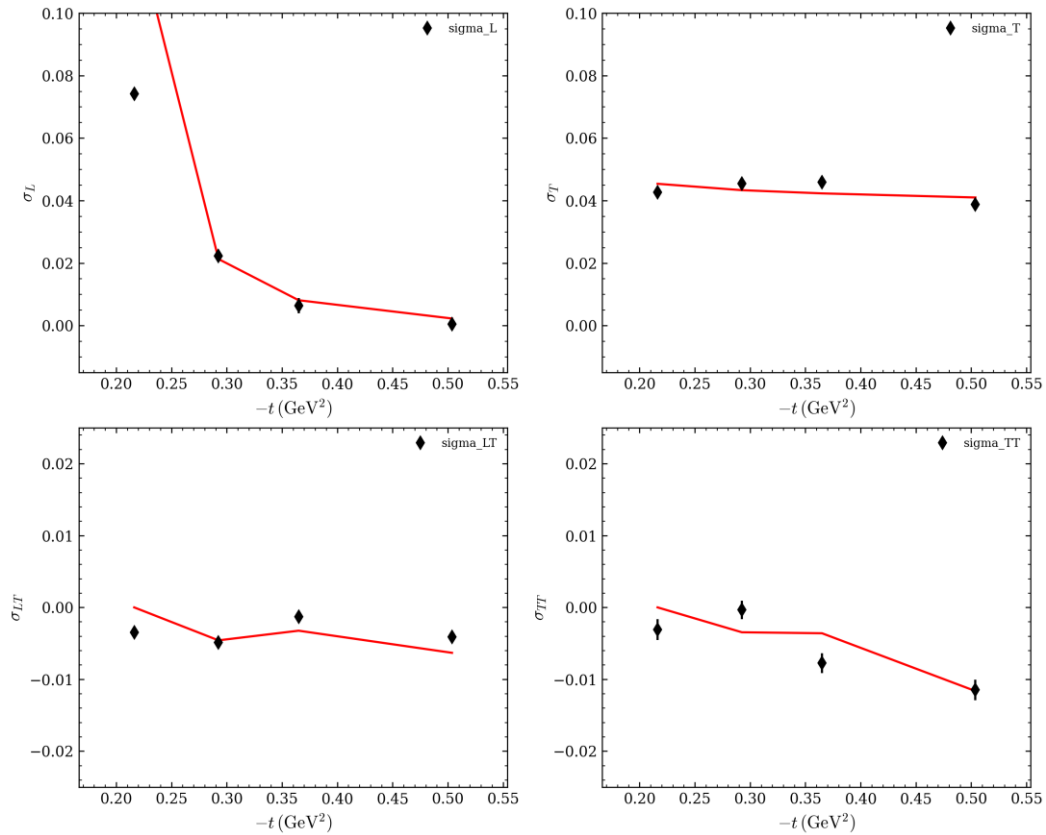
Iter 6



Iter 8

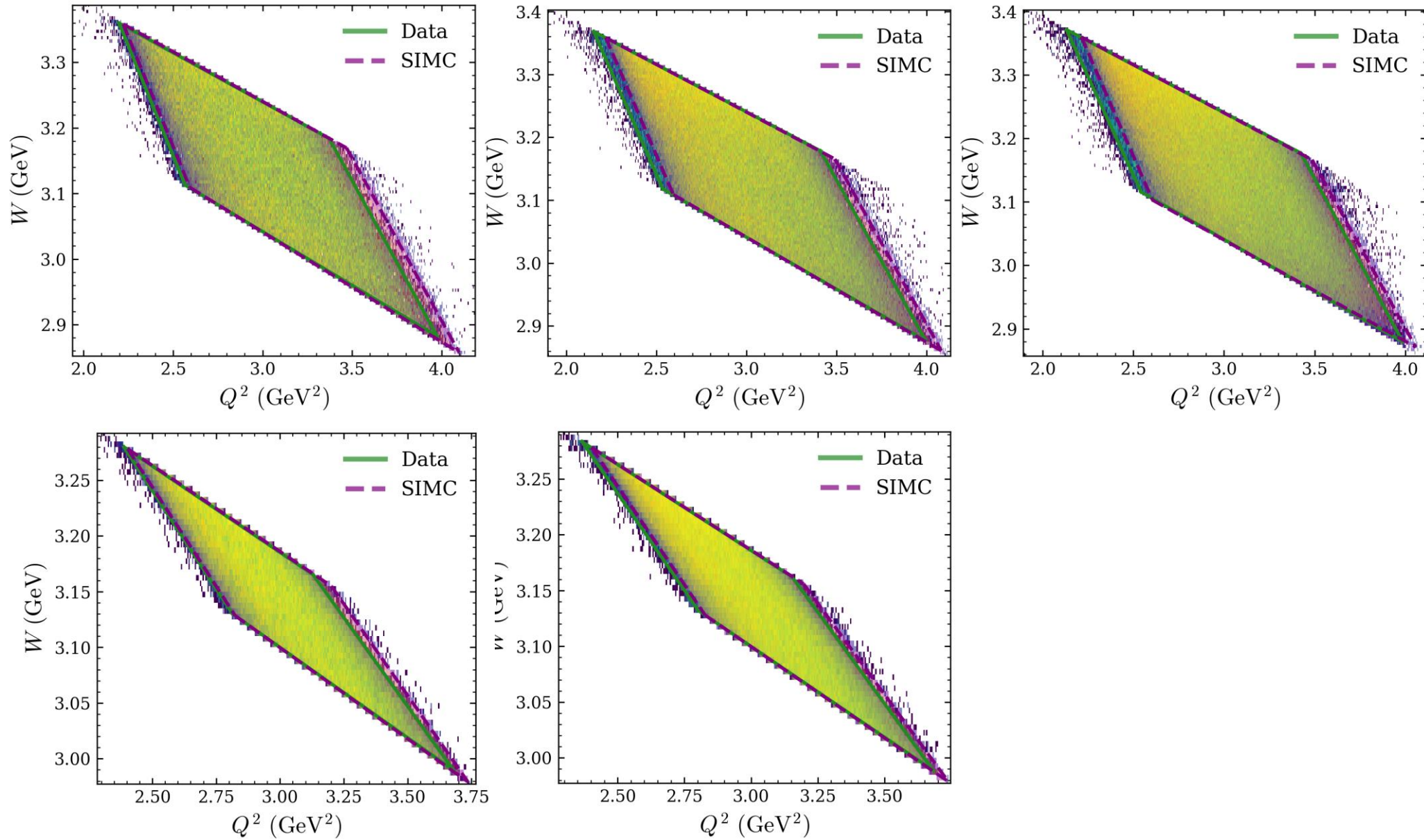


Cross section $Q^2=3.0$, $W=3.14$ setting

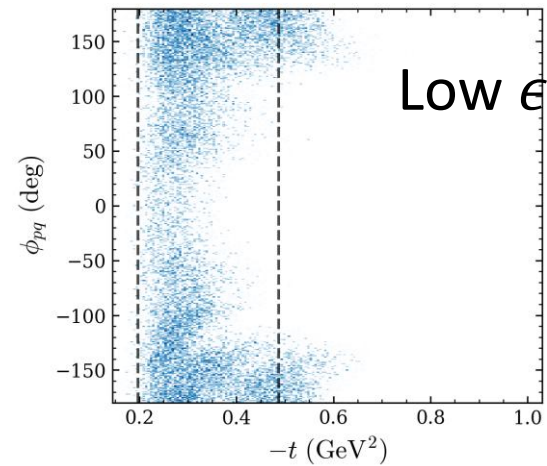
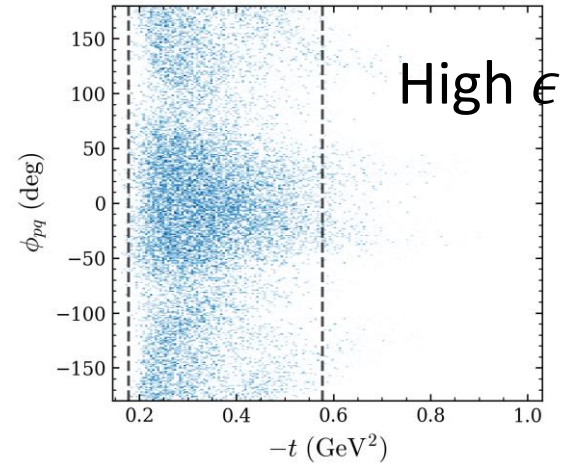
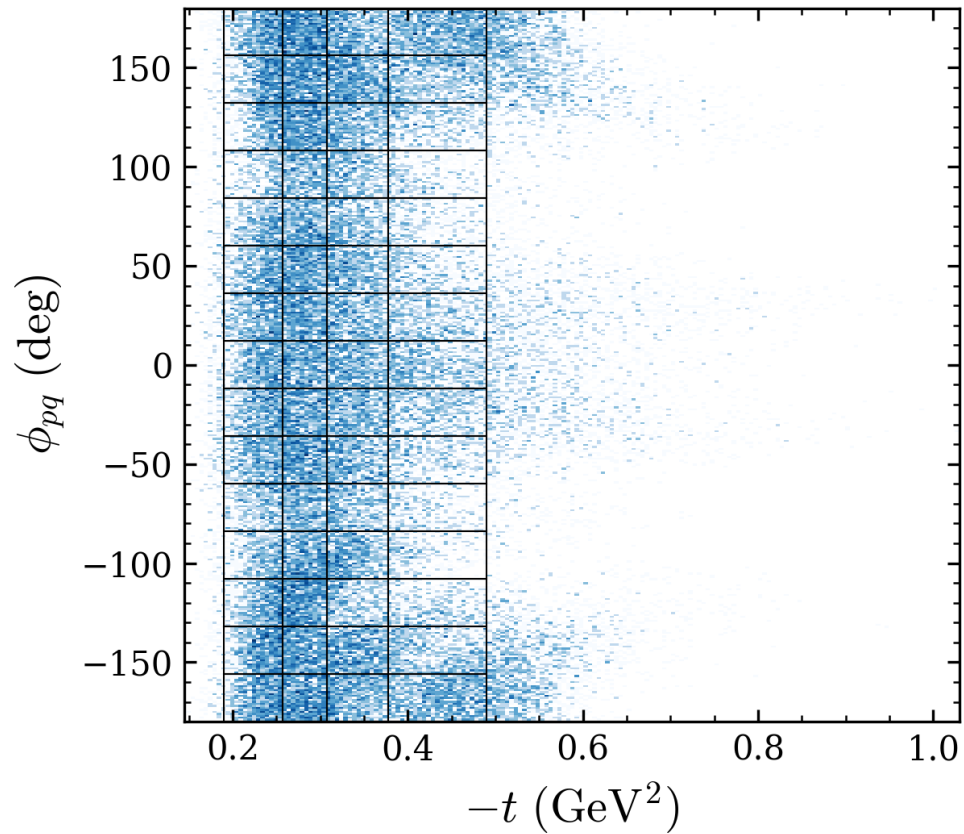


Working on refining data yield

Diamond check : $Q^2=3.0$, $W=3.14$ setting



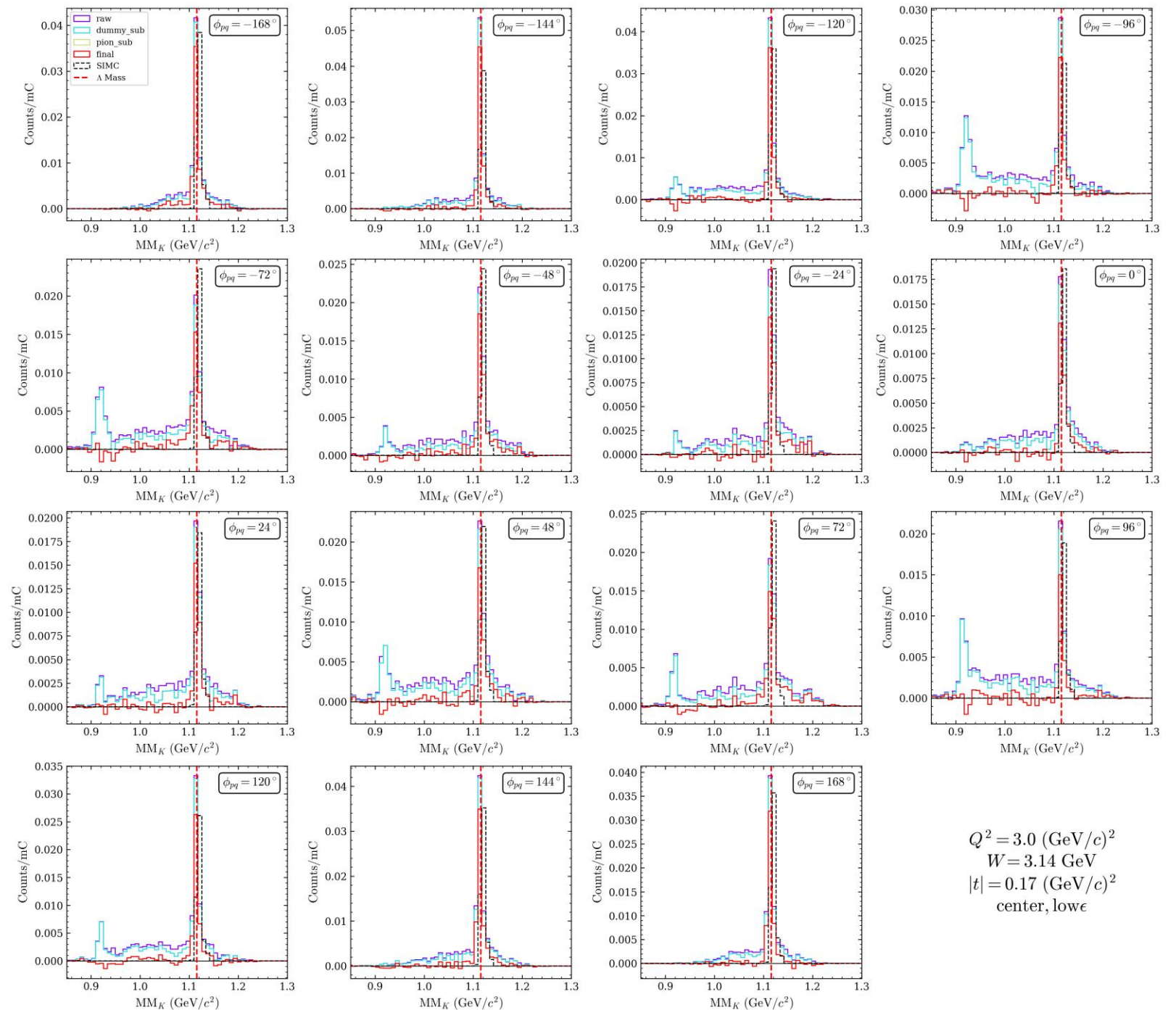
Binning : $Q^2=3.0$, $W=3.14$ setting



- At least 30% coverage in ϕ
- $|-t| \in [0.19, 0.26, 0.31, 0.38, 0.49]$

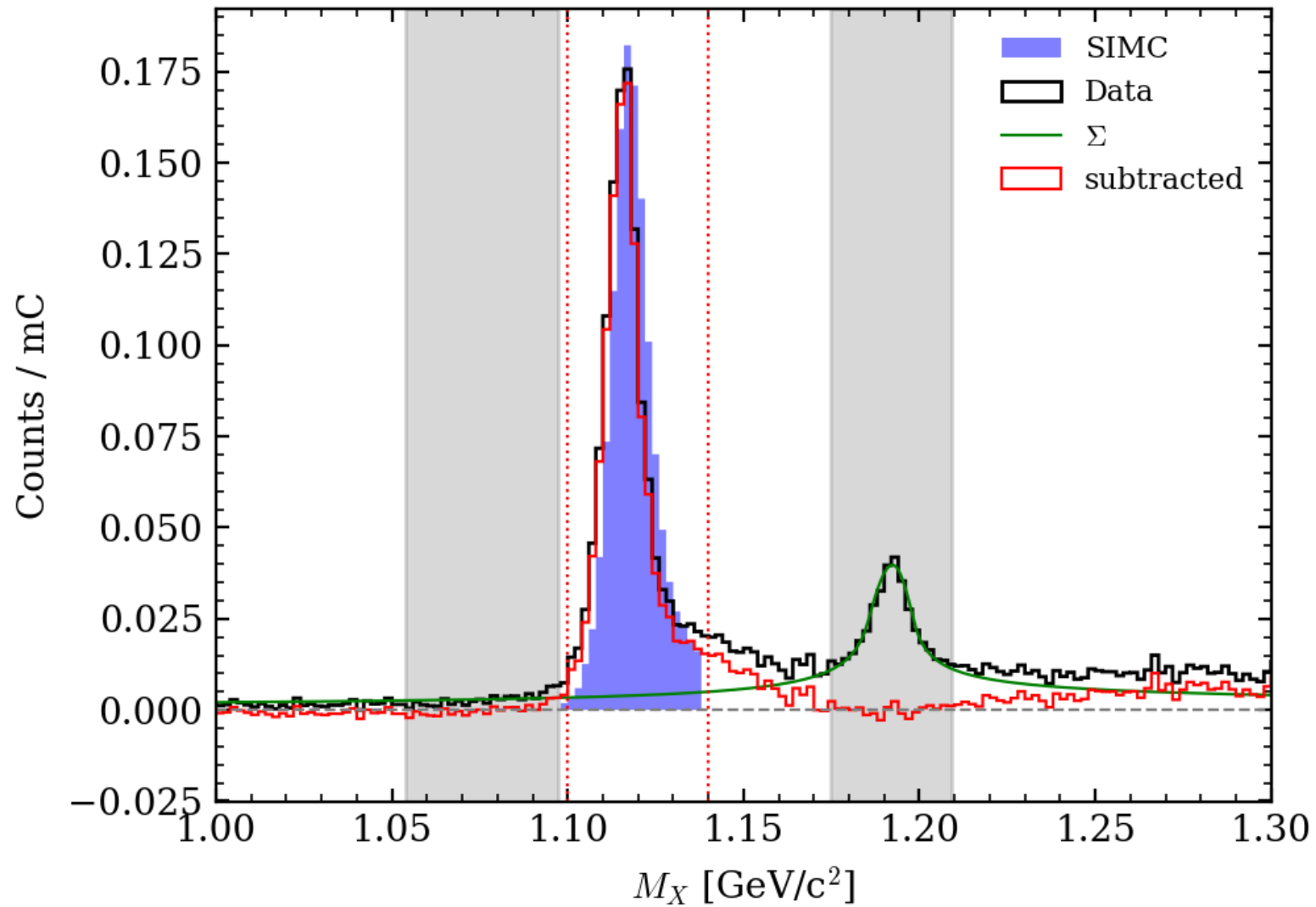
	left	center	right
low	10,668	16,970	0
high	5,406	14,196	11,642

MM shift :
 $Q^2=3.0$, $W=3.14$
center low e
setting, tbin = 0



$Q^2 = 3.0 \text{ (GeV/c)}^2$
 $W = 3.14 \text{ GeV}$
 $|t| = 0.17 \text{ (GeV/c)}^2$
 center, low ϵ

Full stat fit



One of the good bin

