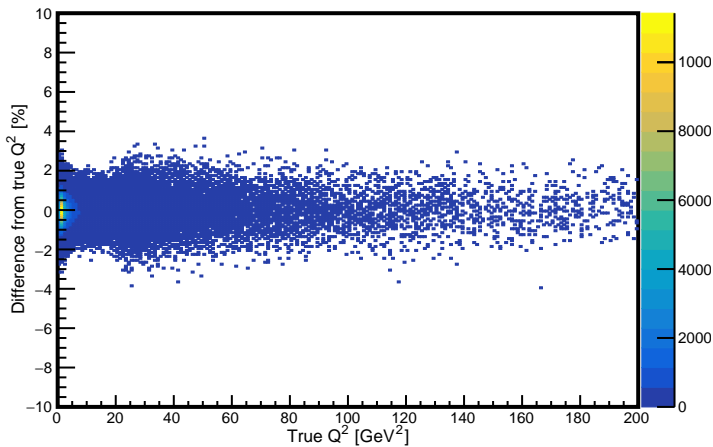
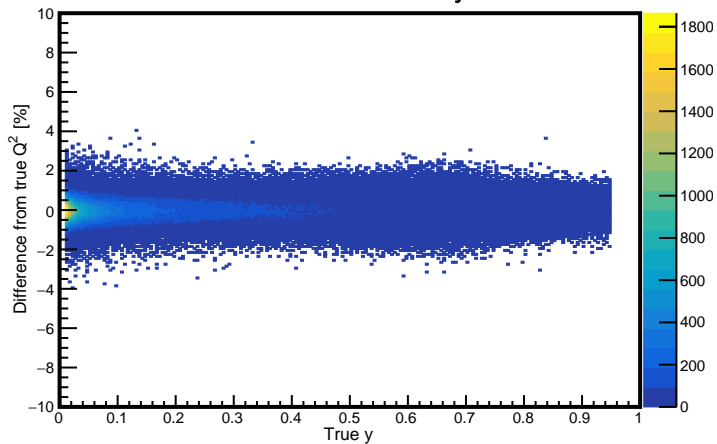


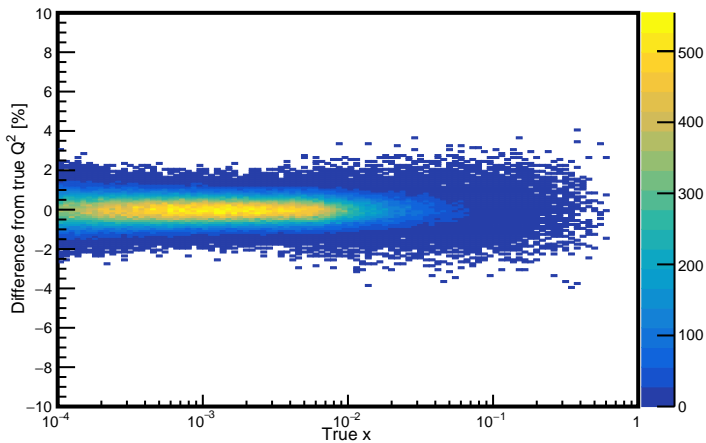
$Q^2$  Resolution vs.  $Q^2$



$Q^2$  Resolution vs.  $y$



$Q^2$  Resolution vs.  $x$

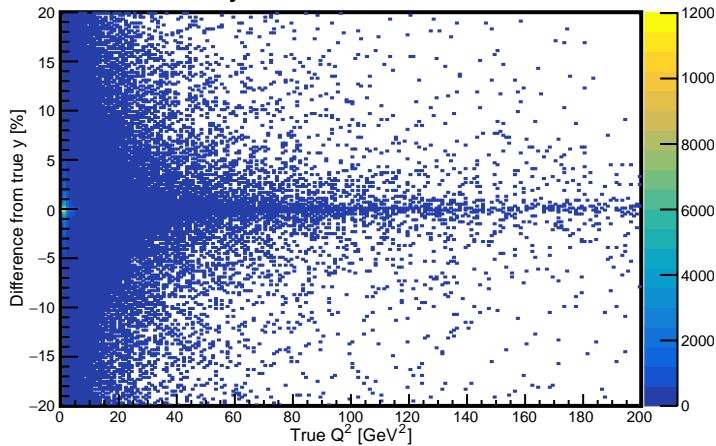


**18 GeV  $e^-$  on 275 GeV  $p$ ,  $\sqrt{s}=141$  GeV**

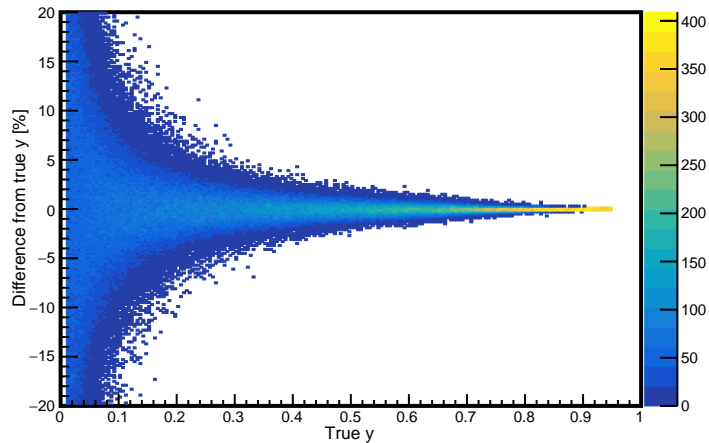
**True - Electron Method (using optimization) vs. True**

$$0.01 < y_{\text{true}} < 0.95$$

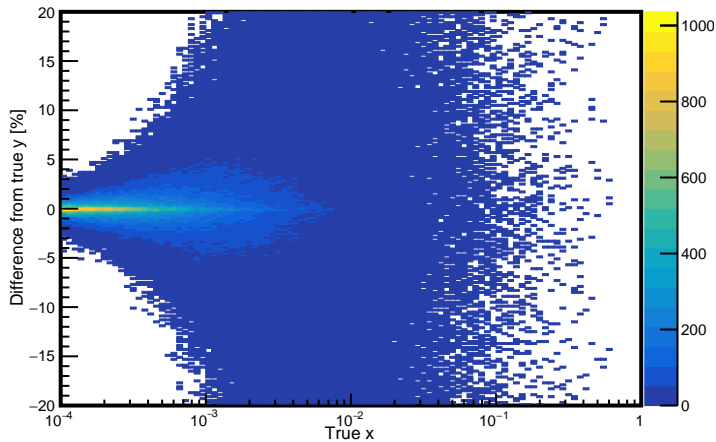
y Resolution vs.  $Q^2$



y Resolution vs. y



y Resolution vs. x

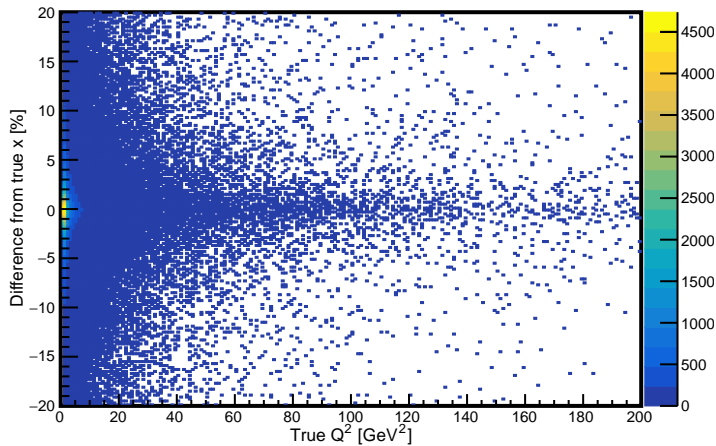


**18 GeV  $e^-$  on 275 GeV p,  $\sqrt{s}=141$  GeV**

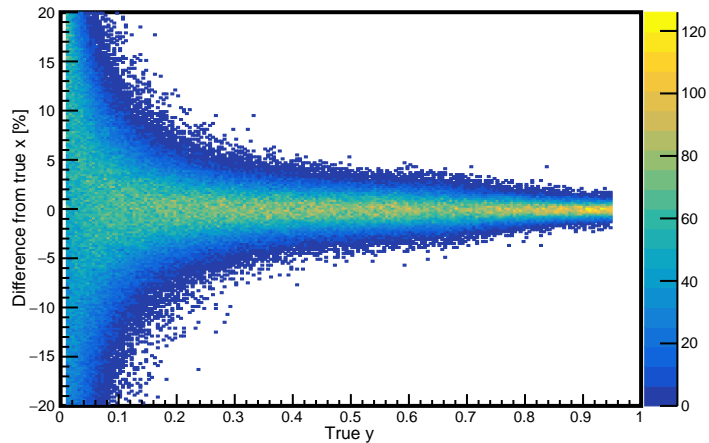
**True - Electron Method (using optimization) vs. True**

$$0.01 < y_{\text{true}} < 0.95$$

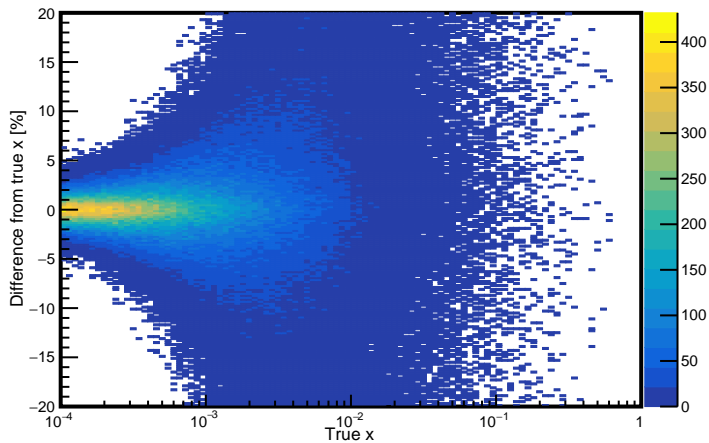
x Resolution vs.  $Q^2$



x Resolution vs. y



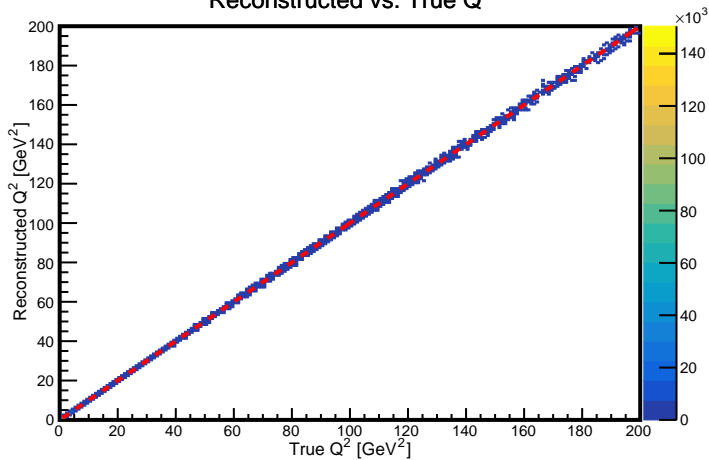
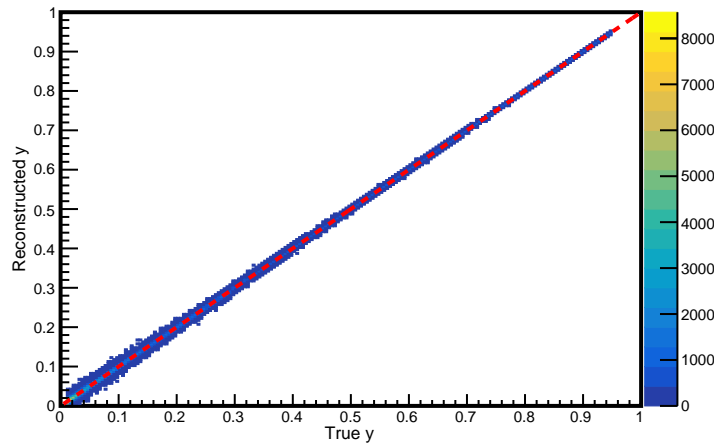
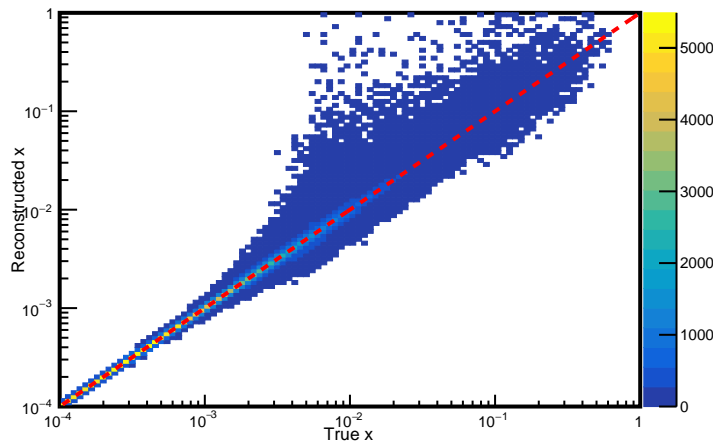
x Resolution vs. x



**18 GeV  $e^-$  on 275 GeV p,  $\sqrt{s}=141$  GeV**

**True - Electron Method (using optimization) vs. True**

$$0.01 < y_{\text{true}} < 0.95$$

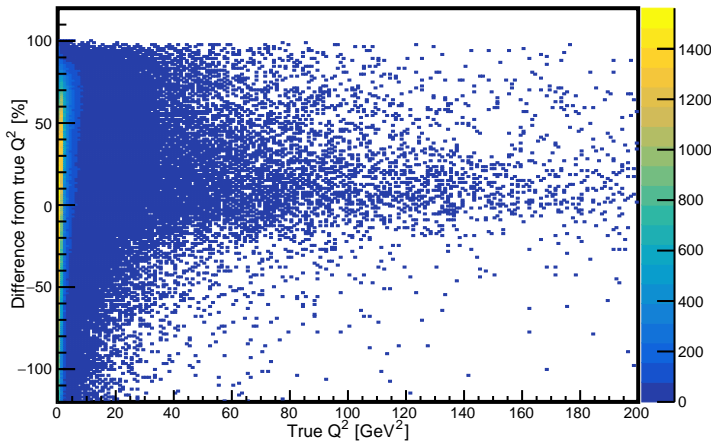
Reconstructed vs. True  $Q^2$ Reconstructed vs. True  $y$ Reconstructed vs. True  $x$ 

**18 GeV  $e^-$  on 275 GeV  $p$ ,  $\sqrt{s}=141$  GeV**

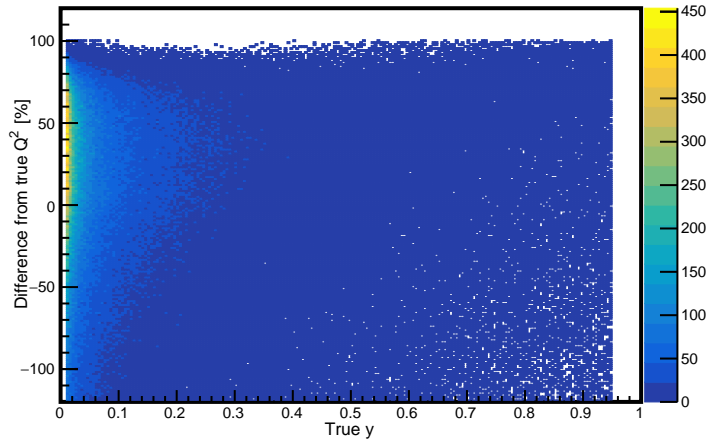
**Electron Method (using optimization) vs. True**

$$0.01 < y_{\text{true}} < 0.95$$

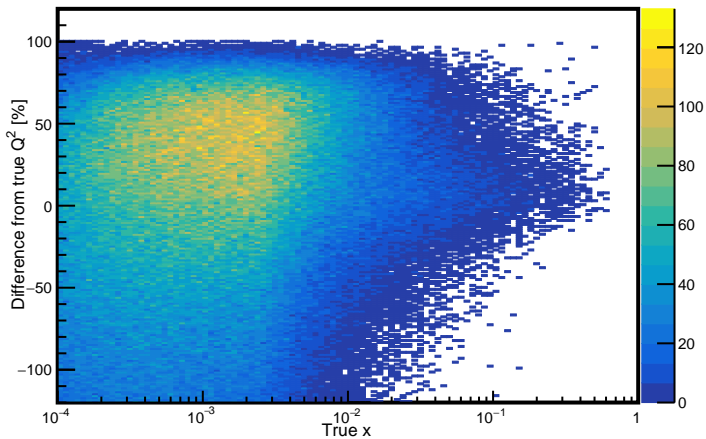
$Q^2$  Resolution vs.  $Q^2$



$Q^2$  Resolution vs.  $y$



$Q^2$  Resolution vs.  $x$

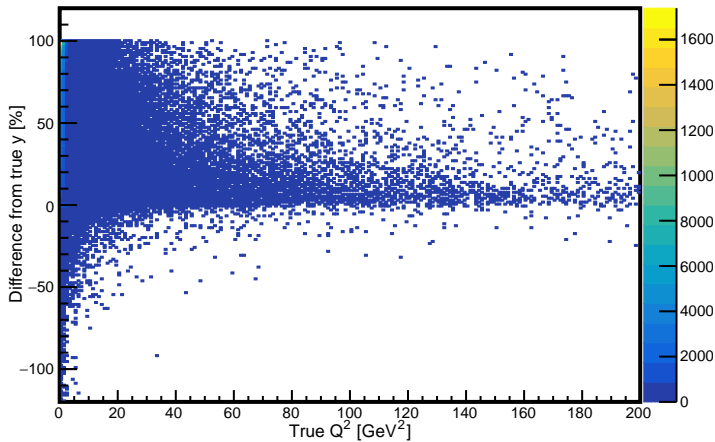


**18 GeV  $e^-$  on 275 GeV p,  $\sqrt{s}=141$  GeV**

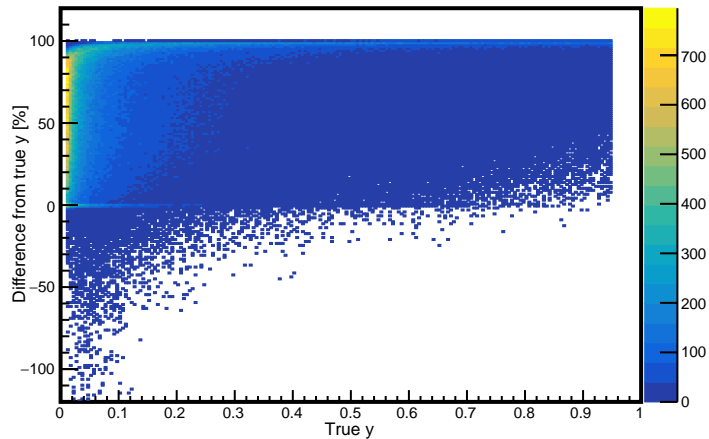
**True - J.B. Method (using jet) vs. True**

**$0.01 < y_{\text{true}} < 0.95$**

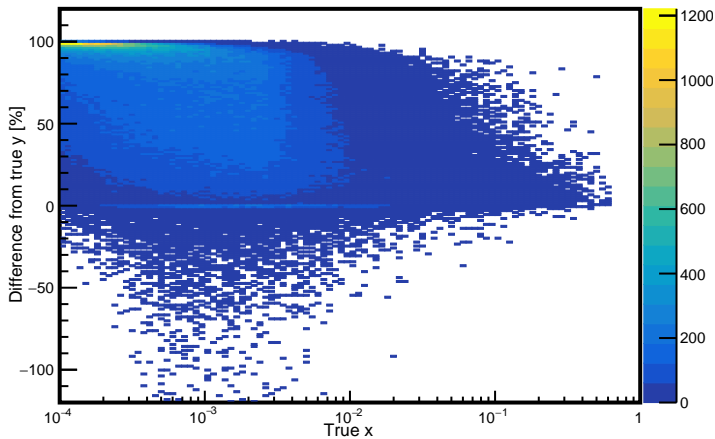
y Resolution vs.  $Q^2$



y Resolution vs. y



y Resolution vs. x

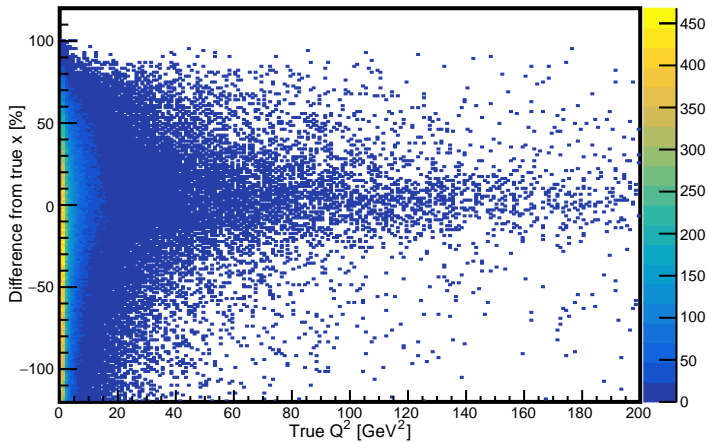


18 GeV  $e^-$  on 275 GeV p,  $\sqrt{s}=141$  GeV

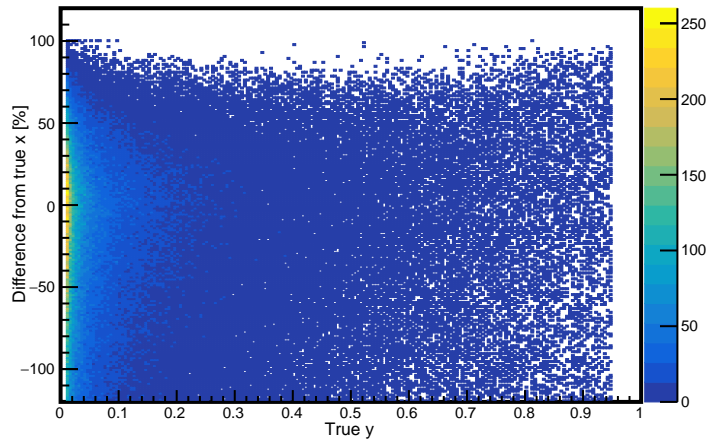
True - J.B. Method (using jet)  
True vs. True

$$0.01 < y_{\text{true}} < 0.95$$

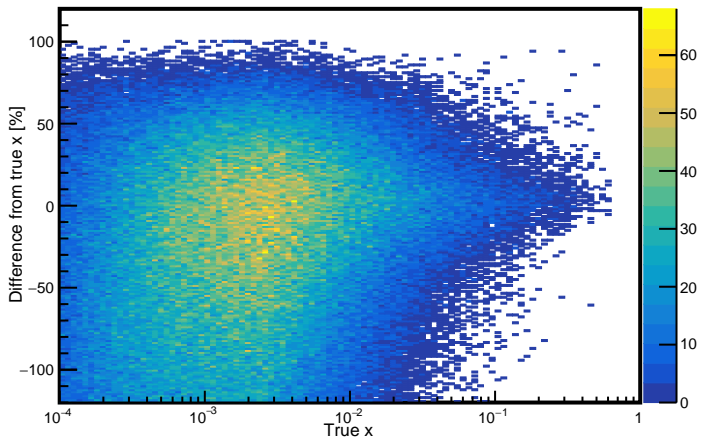
x Resolution vs.  $Q^2$



x Resolution vs. y



x Resolution vs. x

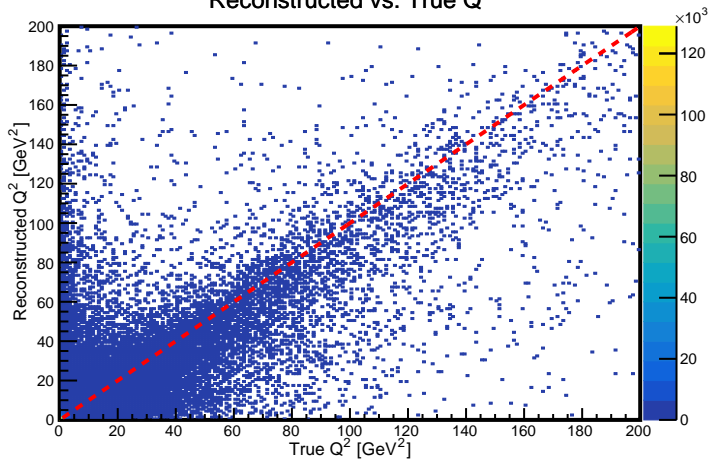


**18 GeV  $e^-$  on 275 GeV p,  $\sqrt{s}=141$  GeV**

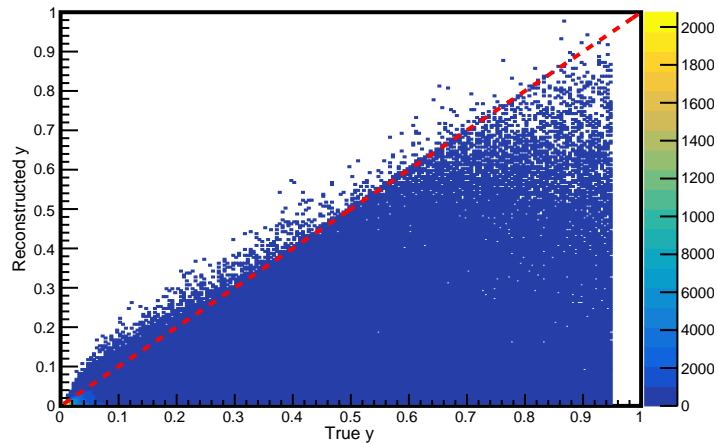
True - J.B. Method (using jet) vs. True

$0.01 < y_{\text{true}} < 0.95$

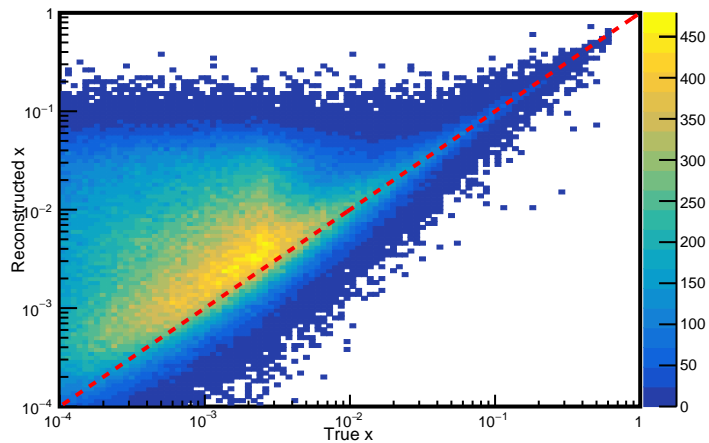
Reconstructed vs. True  $Q^2$



Reconstructed vs. True  $y$



Reconstructed vs. True  $x$



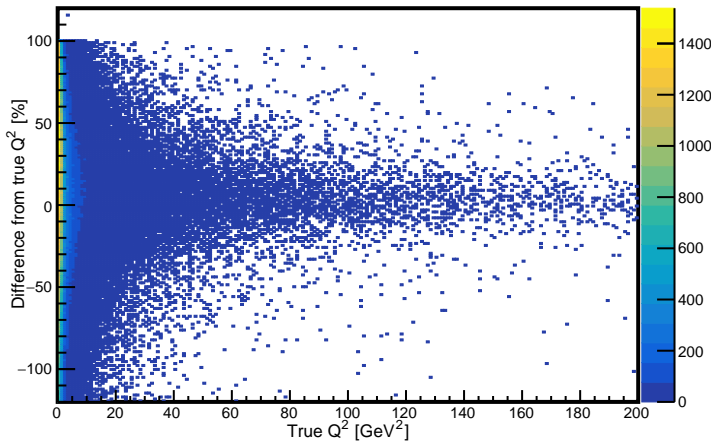
**18 GeV  $e^-$  on 275 GeV  $p$ ,  $\sqrt{s}=141$  GeV**

**J.B. Method (using jet) vs. True**

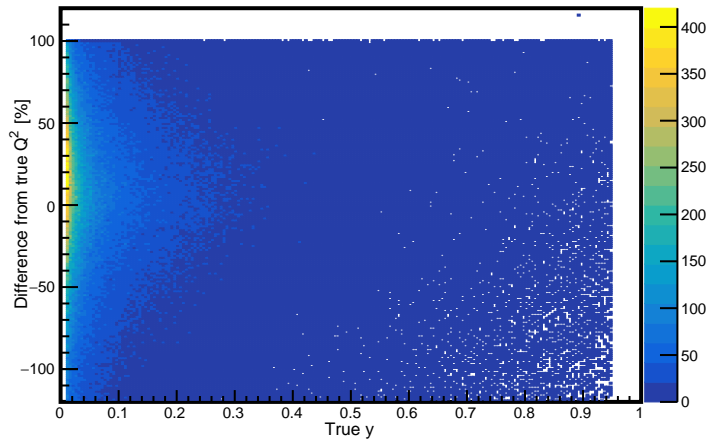
$$0.01 < y_{\text{true}} < 0.95$$



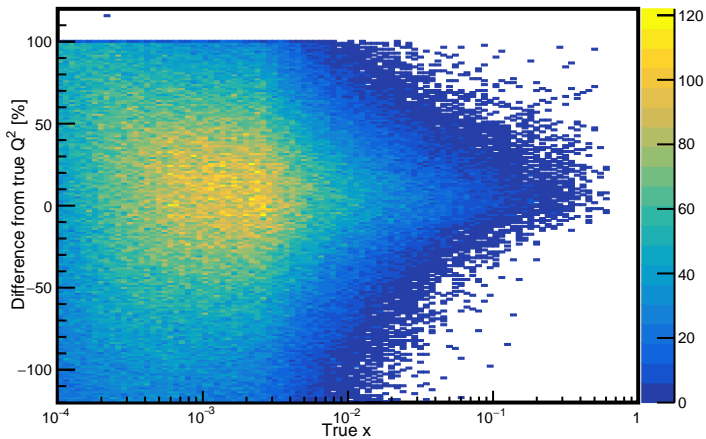
$Q^2$  Resolution vs.  $Q^2$



$Q^2$  Resolution vs.  $y$



$Q^2$  Resolution vs.  $x$

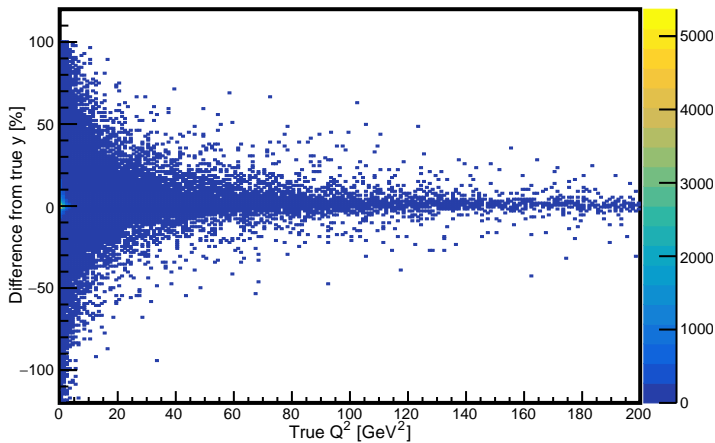


**18 GeV  $e^-$  on 275 GeV p,  $\sqrt{s}=141$  GeV**

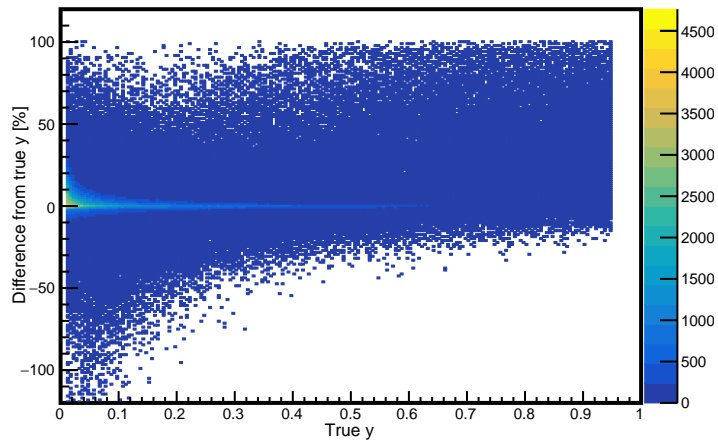
**True - J.B. Method (summing all particles) vs. True**

**$0.01 < y_{\text{true}} < 0.95$**

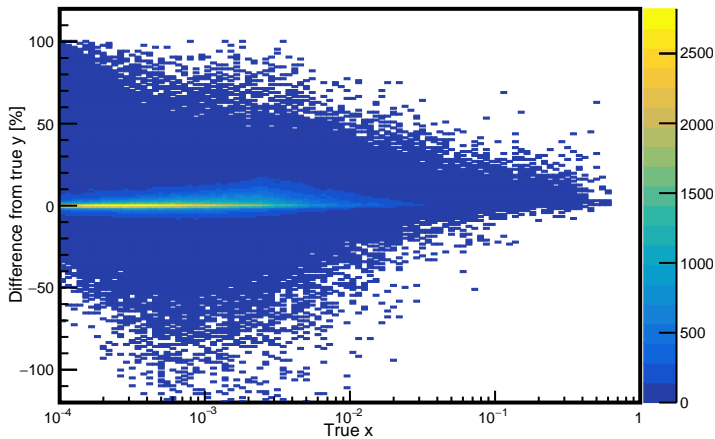
y Resolution vs.  $Q^2$



y Resolution vs. y



y Resolution vs. x

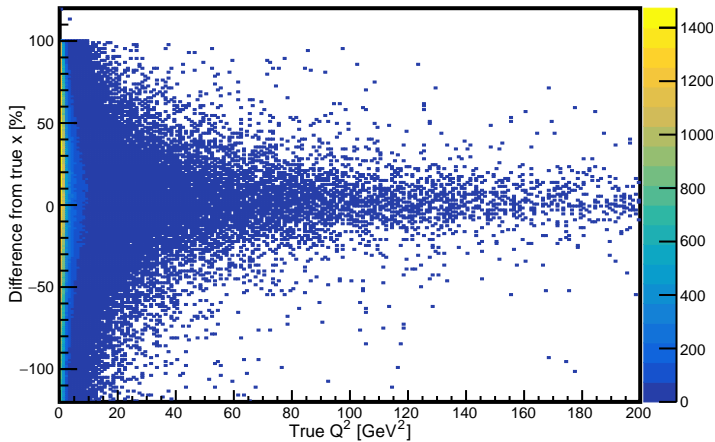


**18 GeV  $e^-$  on 275 GeV p,  $\sqrt{s}=141$  GeV**

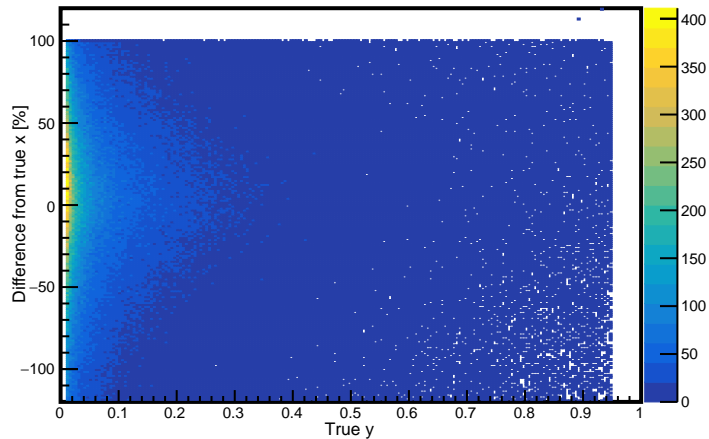
**True - J.B. Method (summing all particles)  
True vs. True**

$$0.01 < y_{\text{true}} < 0.95$$

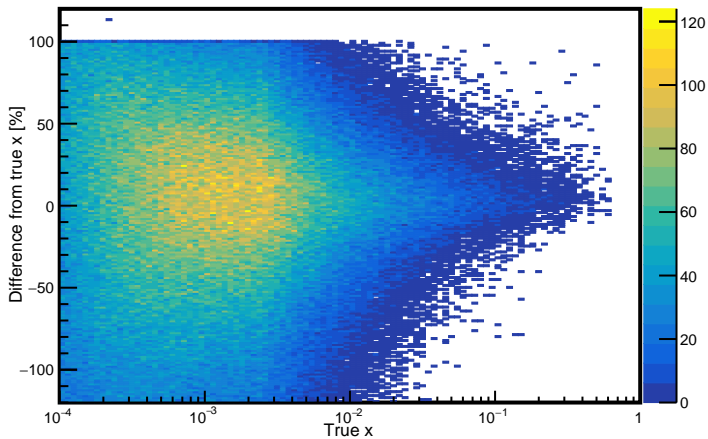
x Resolution vs.  $Q^2$



x Resolution vs. y



x Resolution vs. x

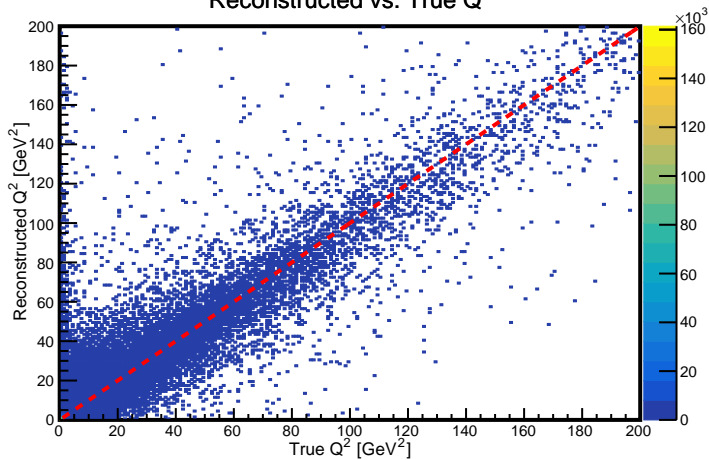


**18 GeV  $e^-$  on 275 GeV p,  $\sqrt{s}=141$  GeV**

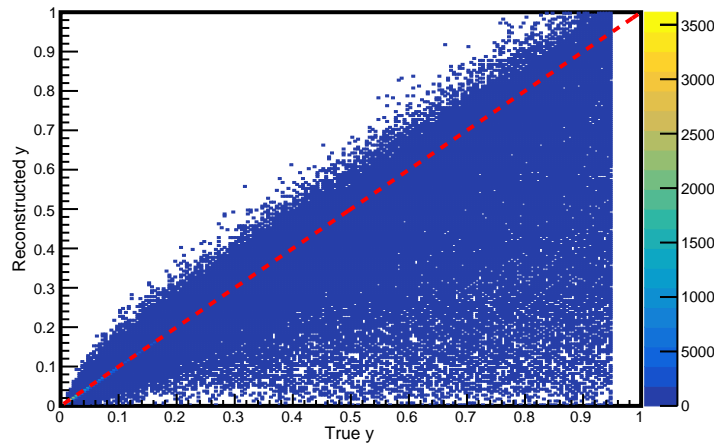
**True - J.B. Method (summing all particles)  
True vs. True**

**$0.01 < y_{\text{true}} < 0.95$**

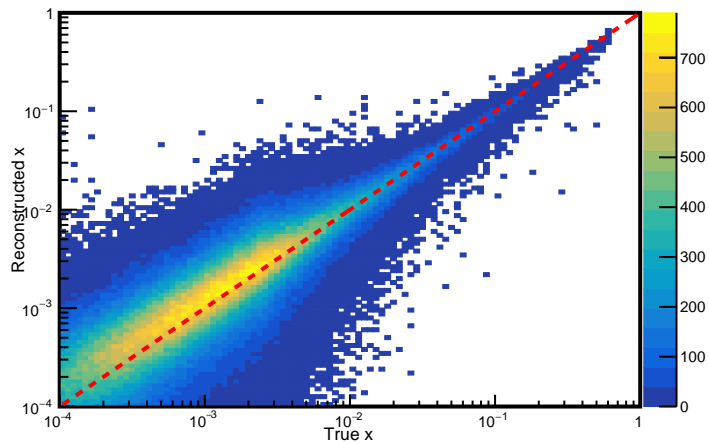
Reconstructed vs. True  $Q^2$



Reconstructed vs. True  $y$



Reconstructed vs. True  $x$

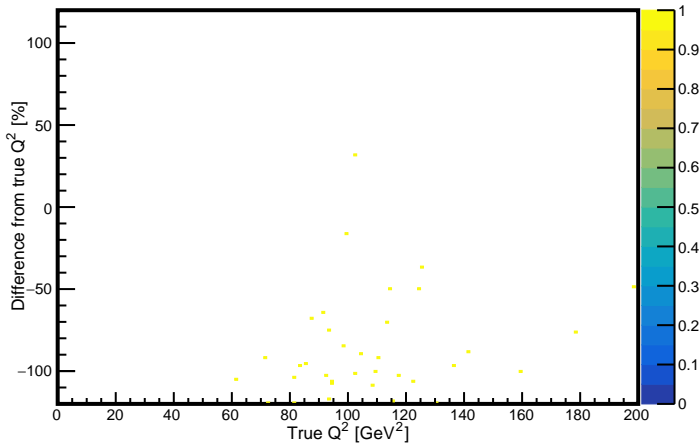


**18 GeV  $e^-$  on 275 GeV  $p$ ,  $\sqrt{s}=141$  GeV**

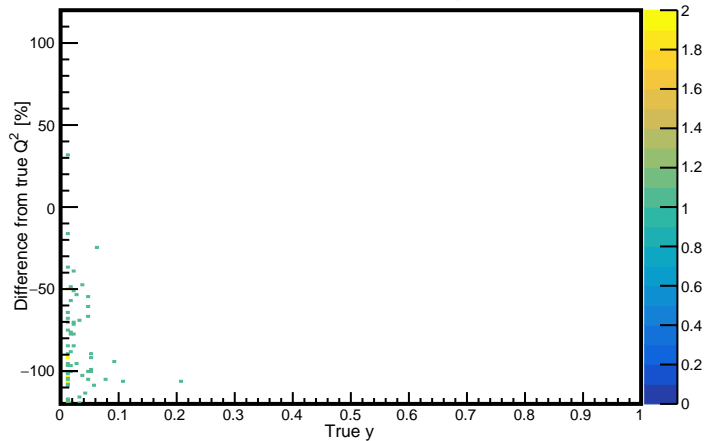
**J.B. Method (summing all particles) vs. True**

$$0.01 < y_{\text{true}} < 0.95$$

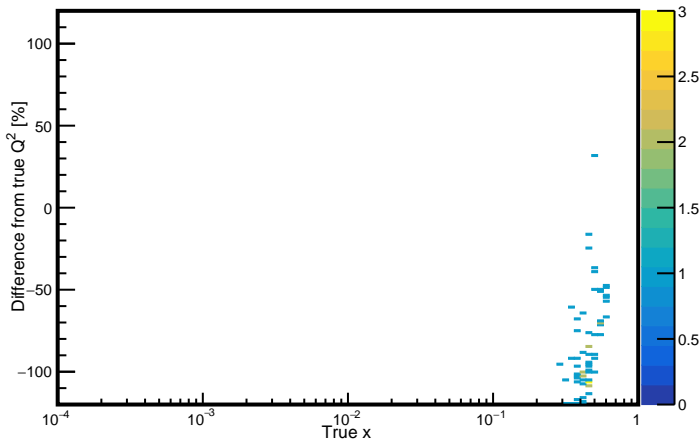
$Q^2$  Resolution vs.  $Q^2$



$Q^2$  Resolution vs.  $y$



$Q^2$  Resolution vs.  $x$

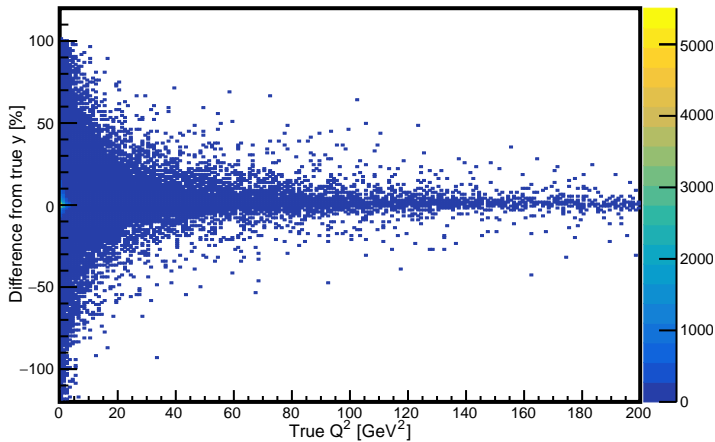


**18 GeV  $e^-$  on 275 GeV p,  $\sqrt{s}=141$  GeV**

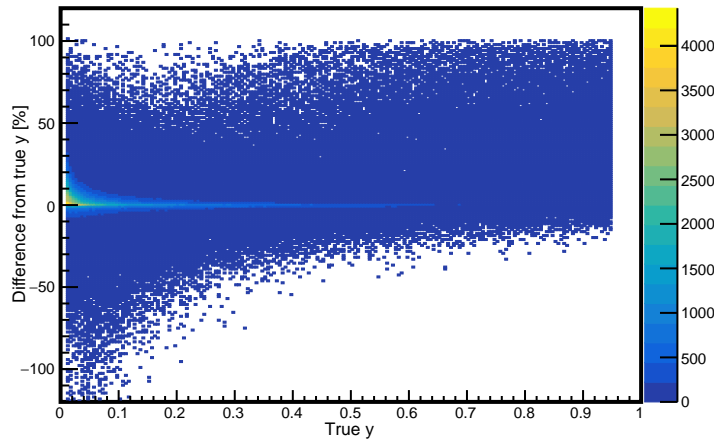
**True - J.B. 4-Vector Method vs. True**

**$0.01 < y_{\text{true}} < 0.95$**

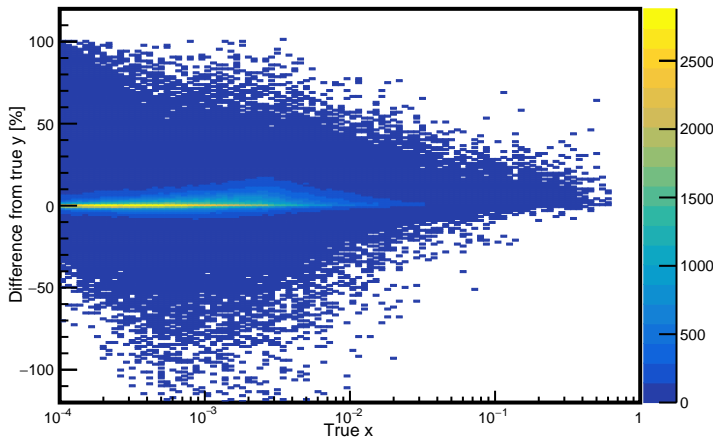
y Resolution vs.  $Q^2$



y Resolution vs. y



y Resolution vs. x

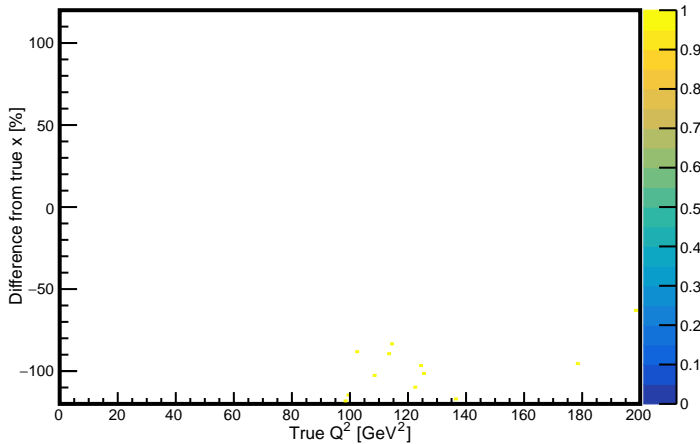


**18 GeV  $e^-$  on 275 GeV p,  $\sqrt{s}=141$  GeV**

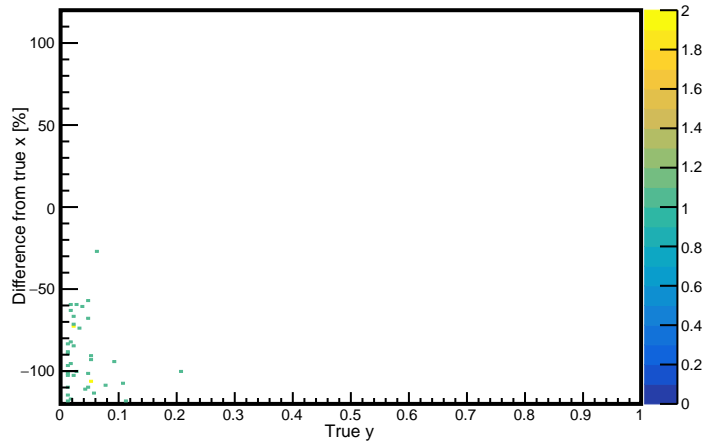
**$\frac{\text{True} - \text{J.B. 4-Vector Method}}{\text{True}}$  vs. True**

**$0.01 < y_{\text{true}} < 0.95$**

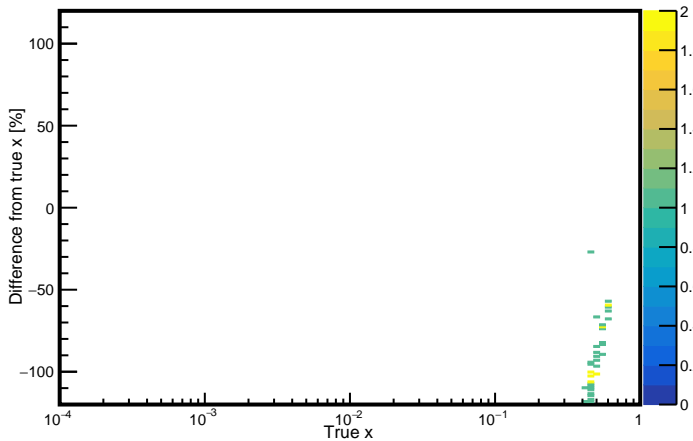
x Resolution vs.  $Q^2$



x Resolution vs. y



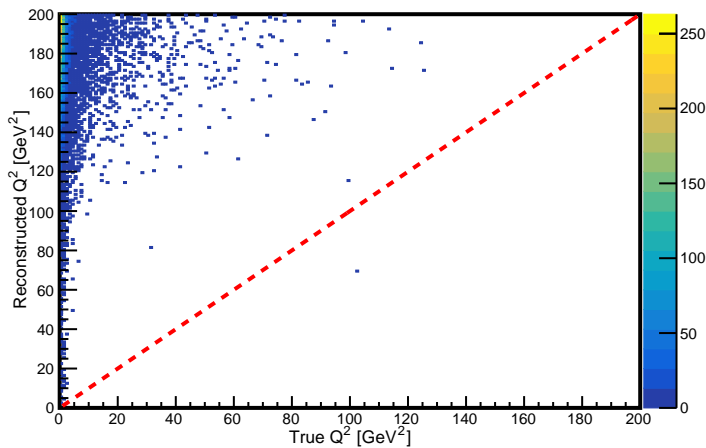
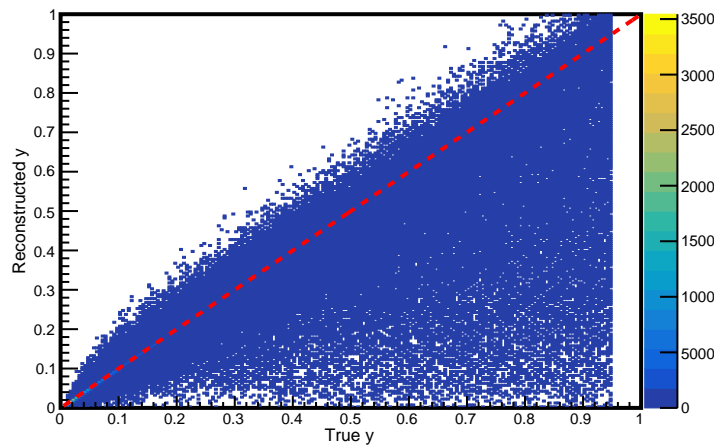
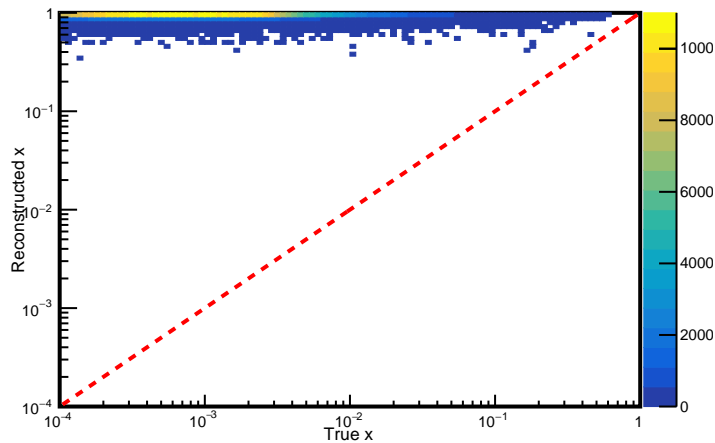
x Resolution vs. x



**18 GeV  $e^-$  on 275 GeV p,  $\sqrt{s}=141$  GeV**

**$\frac{\text{True} - \text{J.B. 4-Vector Method}}{\text{True}}$  vs. True**

**$0.01 < y_{\text{true}} < 0.95$**

Reconstructed vs. True  $Q^2$ Reconstructed vs. True  $y$ Reconstructed vs. True  $x$ 

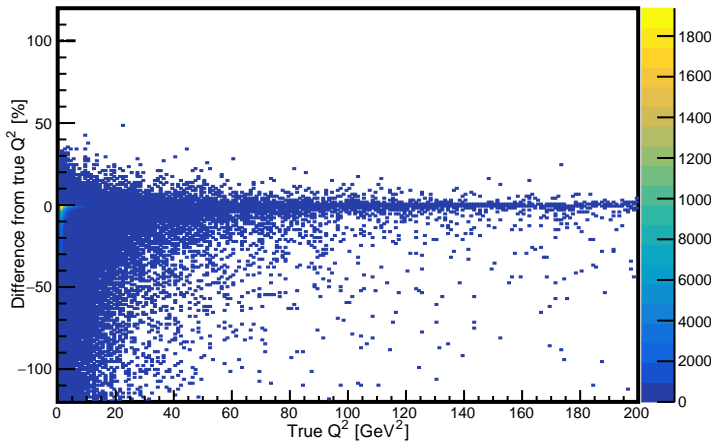
**18 GeV  $e^-$  on 275 GeV  $p$ ,  $\sqrt{s}=141$  GeV**

**J.B. 4-Vector Method vs. True**

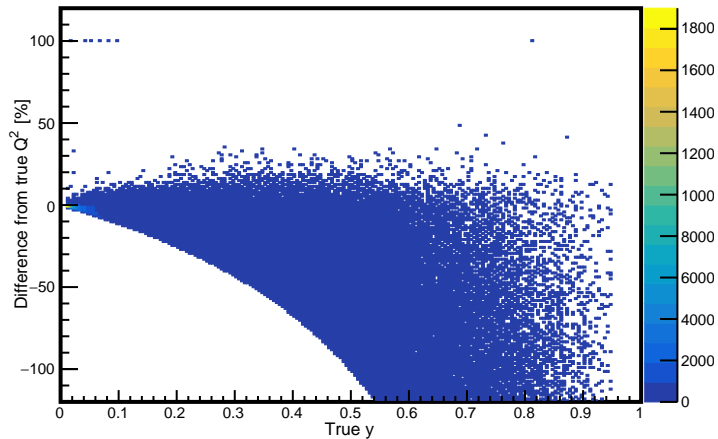
$$0.01 < y_{\text{true}} < 0.95$$



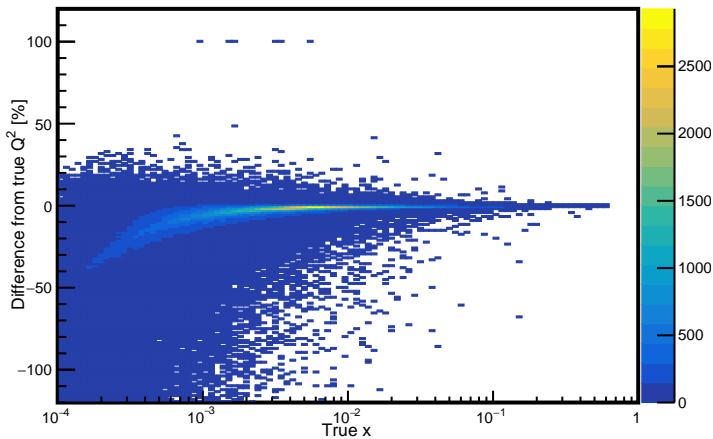
$Q^2$  Resolution vs.  $Q^2$



$Q^2$  Resolution vs.  $y$



$Q^2$  Resolution vs.  $x$

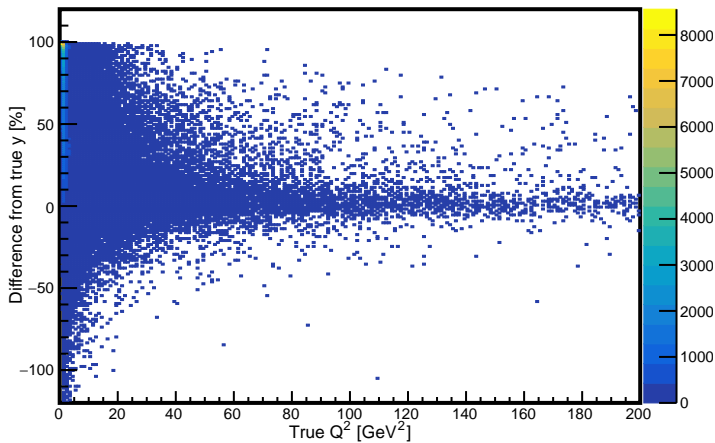


**18 GeV  $e^-$  on 275 GeV  $p$ ,  $\sqrt{s}=141$  GeV**

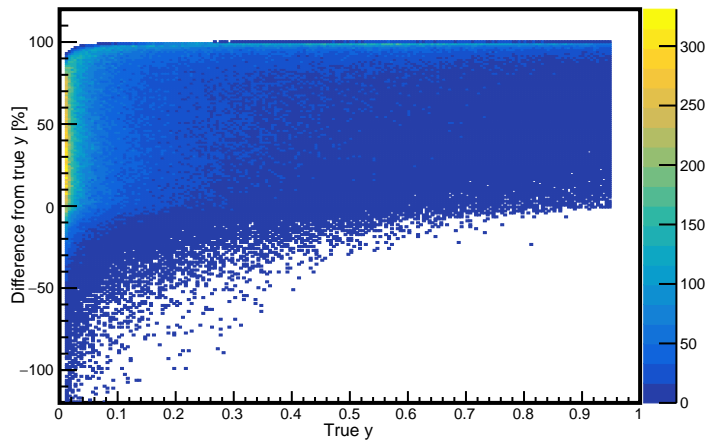
**True - D.A. Method (using jet)  
True vs. True**

**$0.01 < y_{\text{true}} < 0.95$**

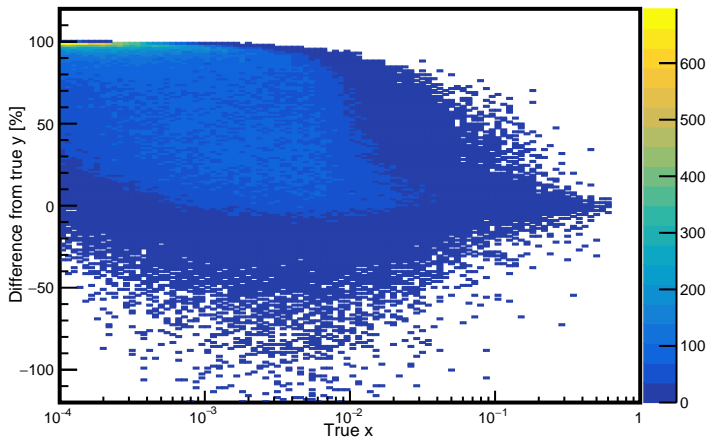
y Resolution vs.  $Q^2$



y Resolution vs. y



y Resolution vs. x

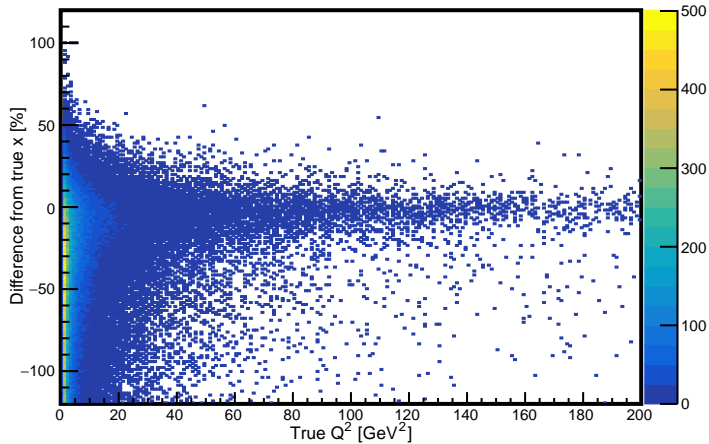


18 GeV  $e^-$  on 275 GeV p,  $\sqrt{s}=141$  GeV

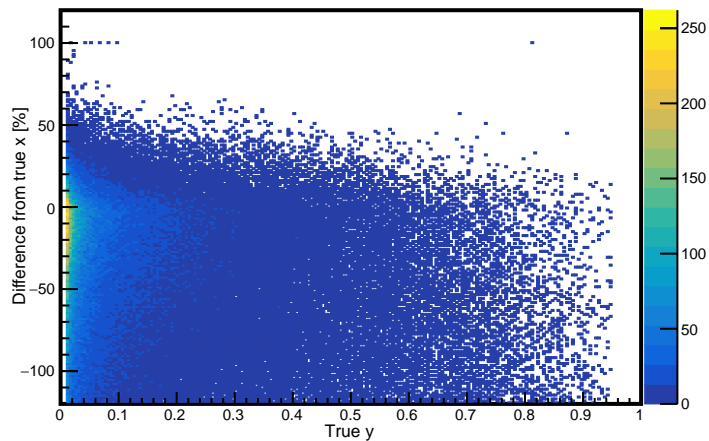
True - D.A. Method (using jet)  
True vs. True

$0.01 < y_{\text{true}} < 0.95$

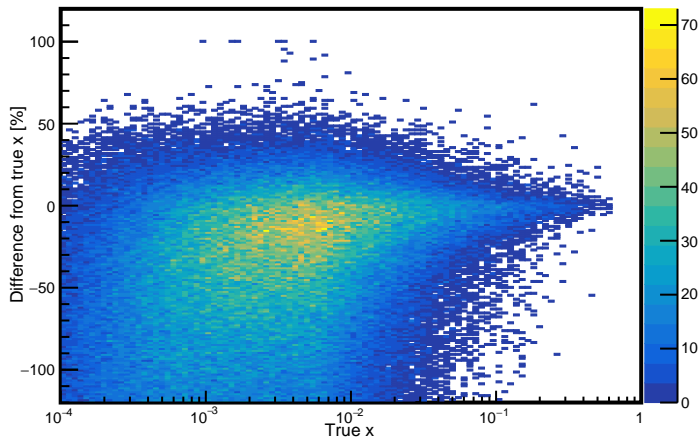
x Resolution vs.  $Q^2$



x Resolution vs. y



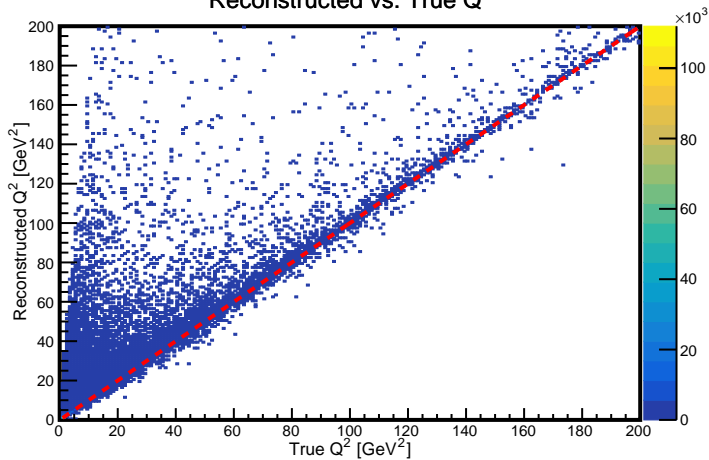
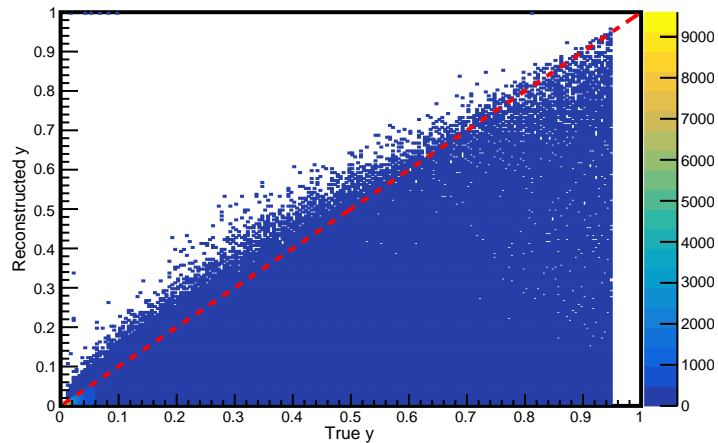
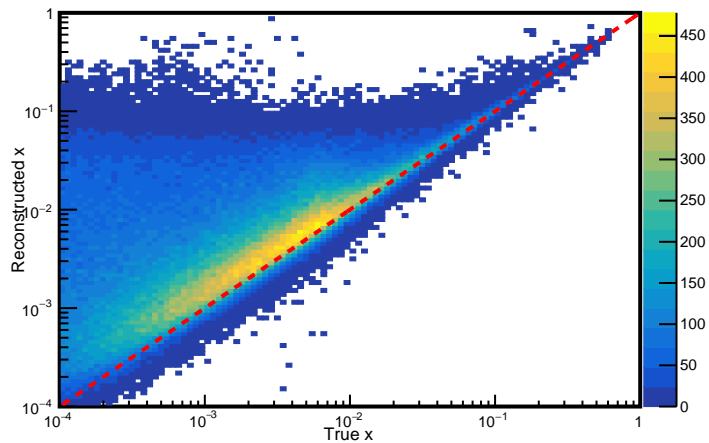
x Resolution vs. x



**18 GeV  $e^-$  on 275 GeV p,  $\sqrt{s}=141$  GeV**

**True - D.A. Method (using jet) vs. True**

**$0.01 < y_{\text{true}} < 0.95$**

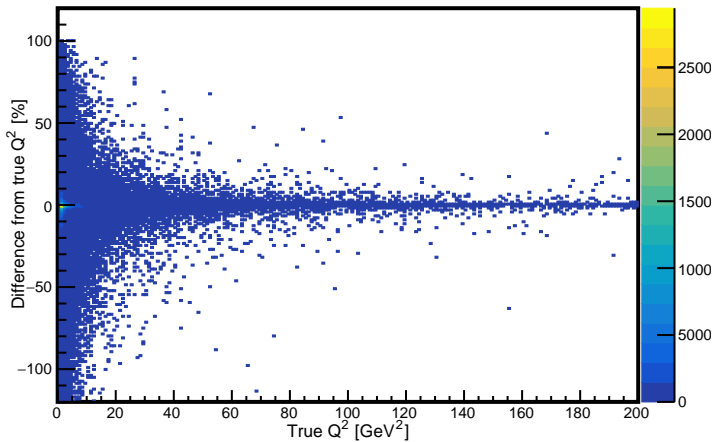
Reconstructed vs. True  $Q^2$ Reconstructed vs. True  $y$ Reconstructed vs. True  $x$ 

**18 GeV  $e^-$  on 275 GeV  $p$ ,  $\sqrt{s}=141$  GeV**

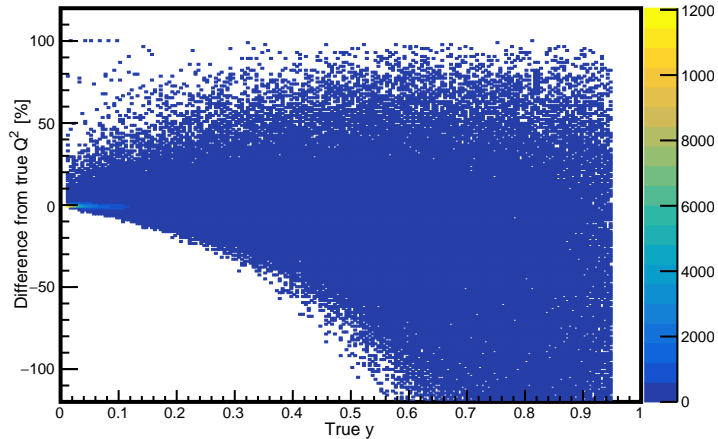
**D.A. Method (using jet) vs. True**

$$0.01 < y_{\text{true}} < 0.95$$

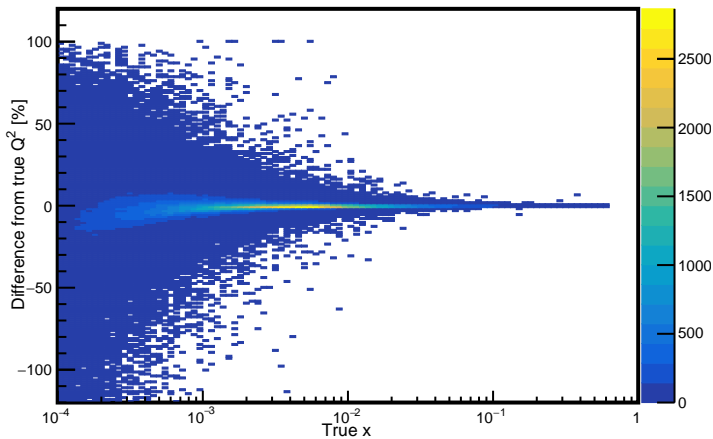
$Q^2$  Resolution vs.  $Q^2$



$Q^2$  Resolution vs.  $y$



$Q^2$  Resolution vs.  $x$

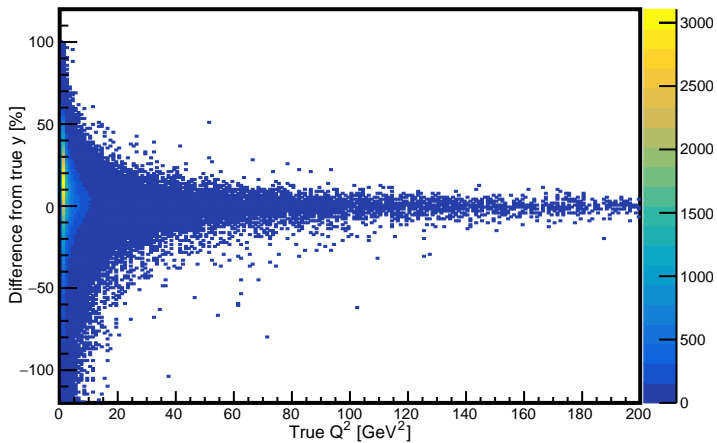


**18 GeV  $e^-$  on 275 GeV p,  $\sqrt{s}=141$  GeV**

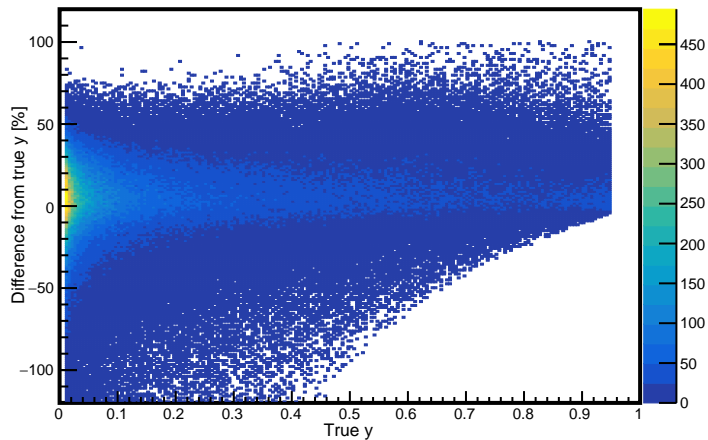
**True - D.A. Method (summing all particles) vs. True**

$$0.01 < y_{\text{true}} < 0.95$$

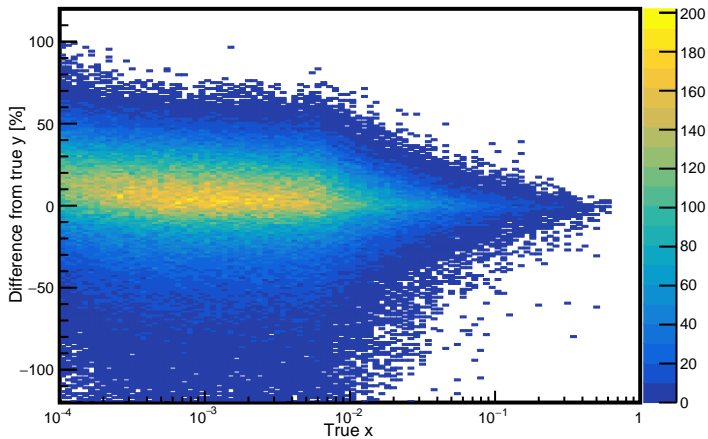
y Resolution vs.  $Q^2$



y Resolution vs. y



y Resolution vs. x

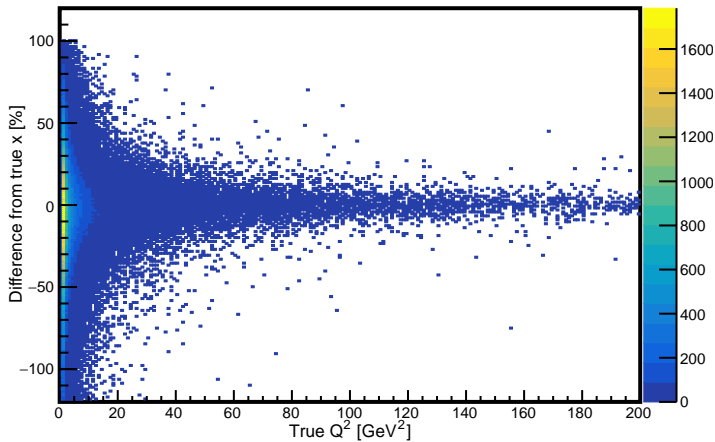


**18 GeV  $e^-$  on 275 GeV p,  $\sqrt{s}=141$  GeV**

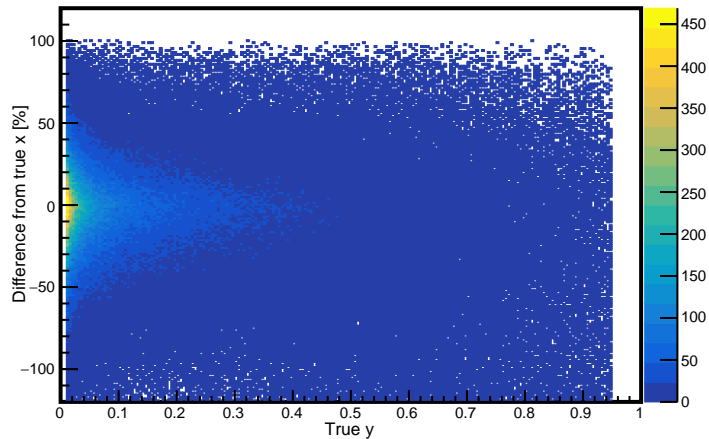
**True - D.A. Method (summing all particles) vs. True**

**$0.01 < y_{\text{true}} < 0.95$**

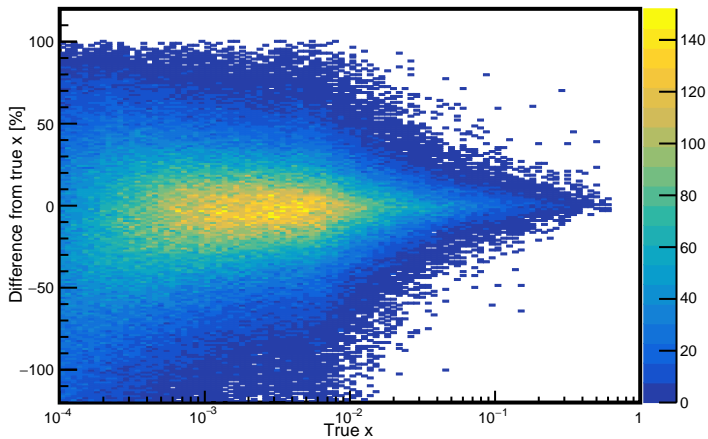
x Resolution vs.  $Q^2$



x Resolution vs. y



x Resolution vs. x

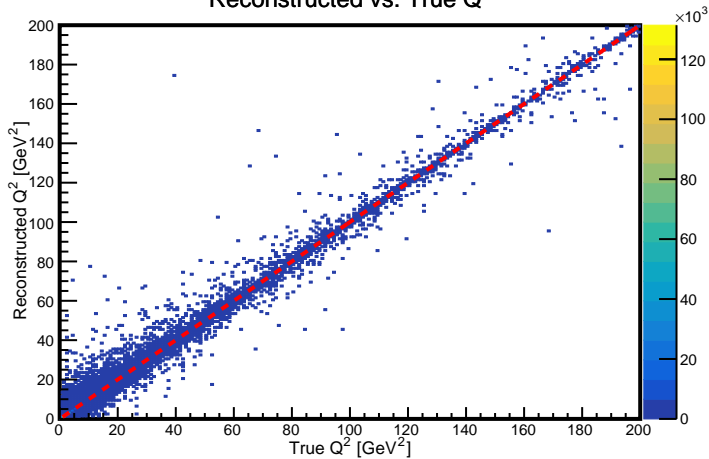


**18 GeV  $e^-$  on 275 GeV p,  $\sqrt{s}=141$  GeV**

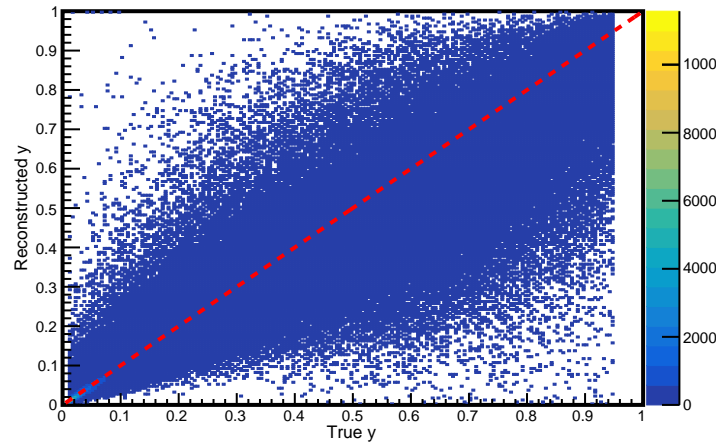
**True - D.A. Method (summing all particles)**  
True vs. True

$$0.01 < y_{\text{true}} < 0.95$$

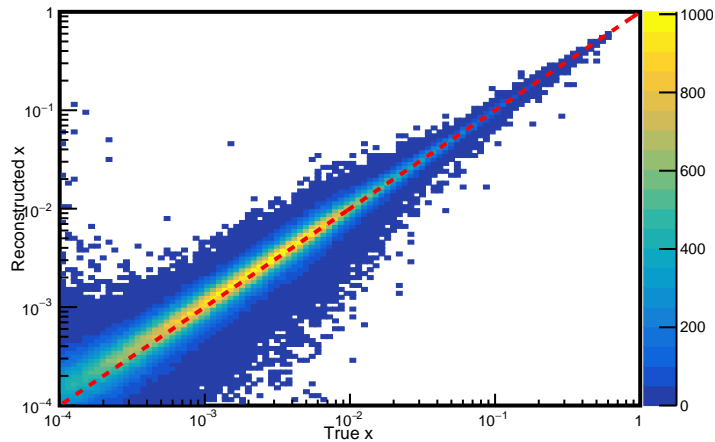
Reconstructed vs. True  $Q^2$



Reconstructed vs. True  $y$



Reconstructed vs. True  $x$



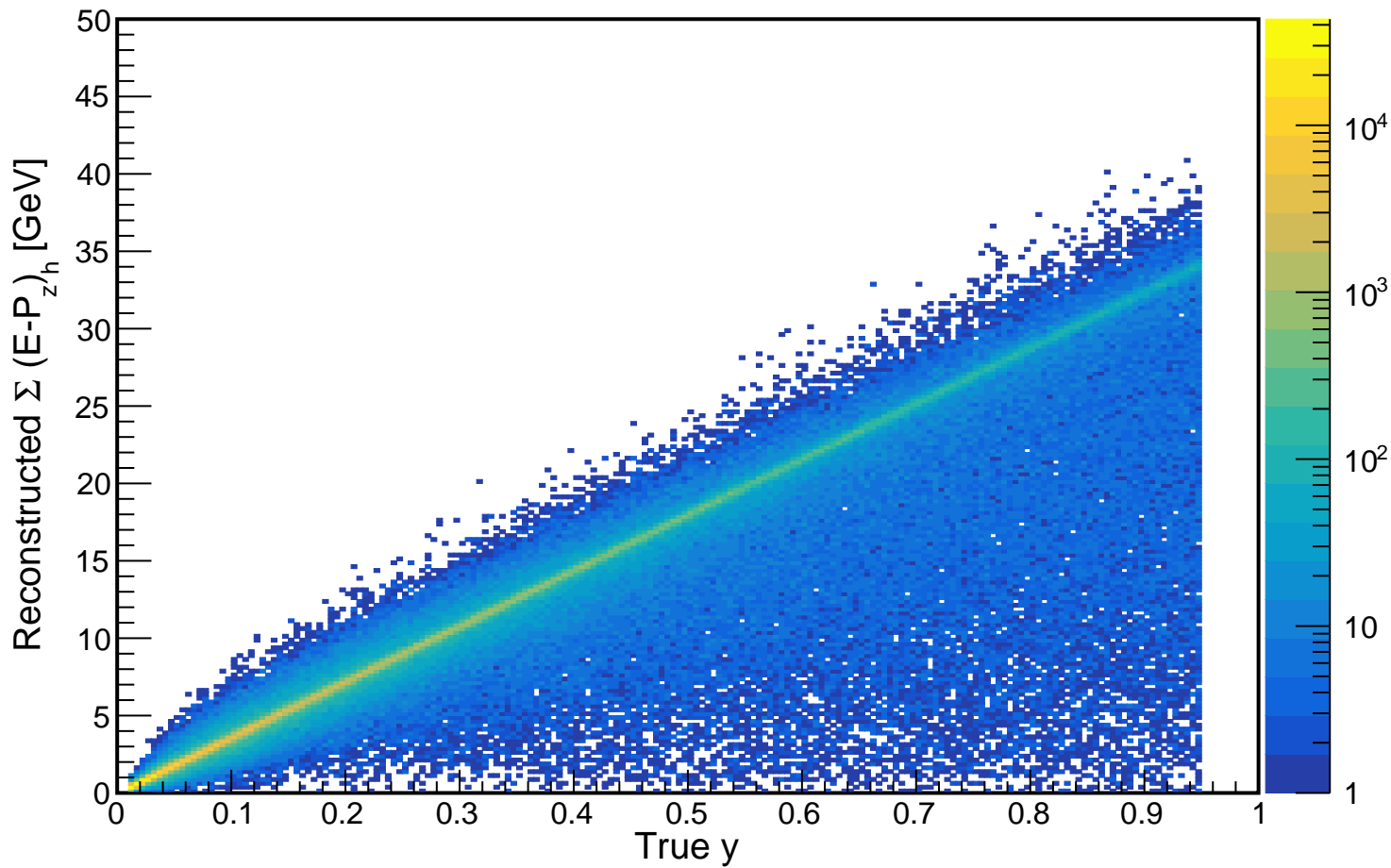
**18 GeV  $e^-$  on 275 GeV  $p$ ,  $\sqrt{s}=141$  GeV**

**D.A. Method (summing all particles) vs. True**

$$0.01 < y_{\text{true}} < 0.95$$



# Including Barrel HCal



# Without Barrel HCal

