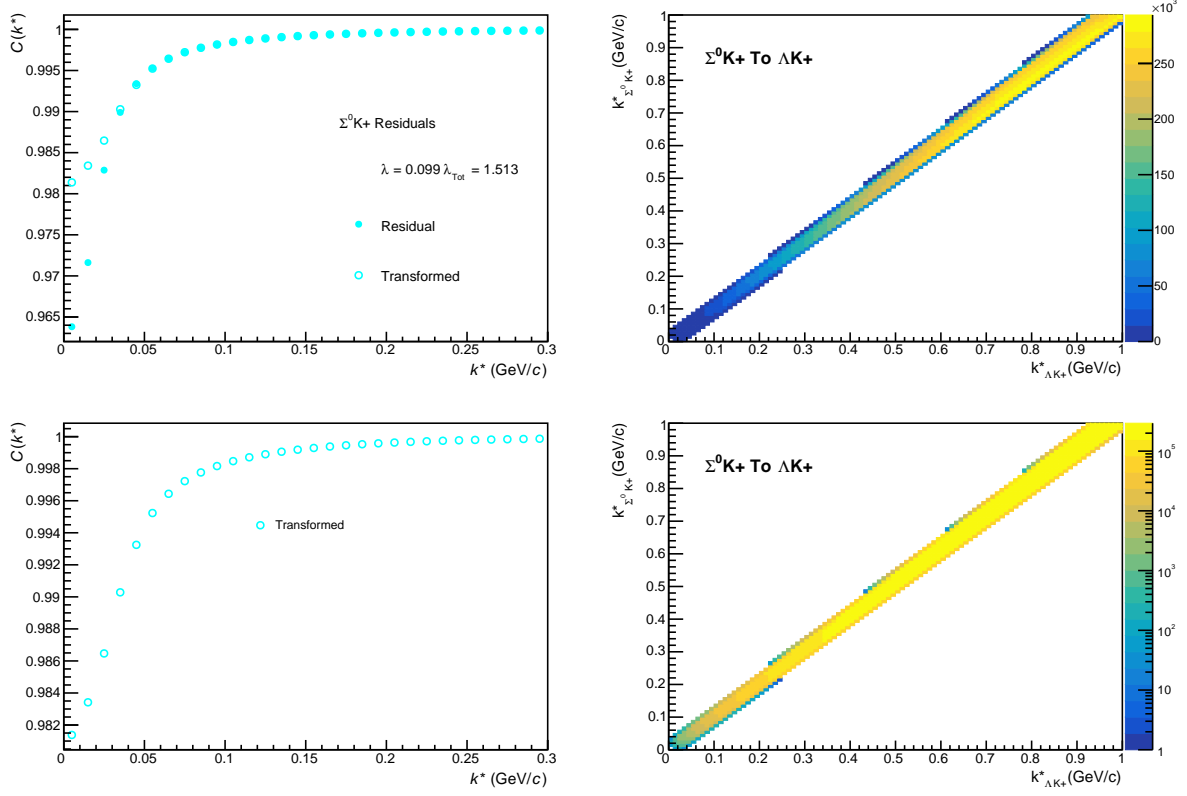


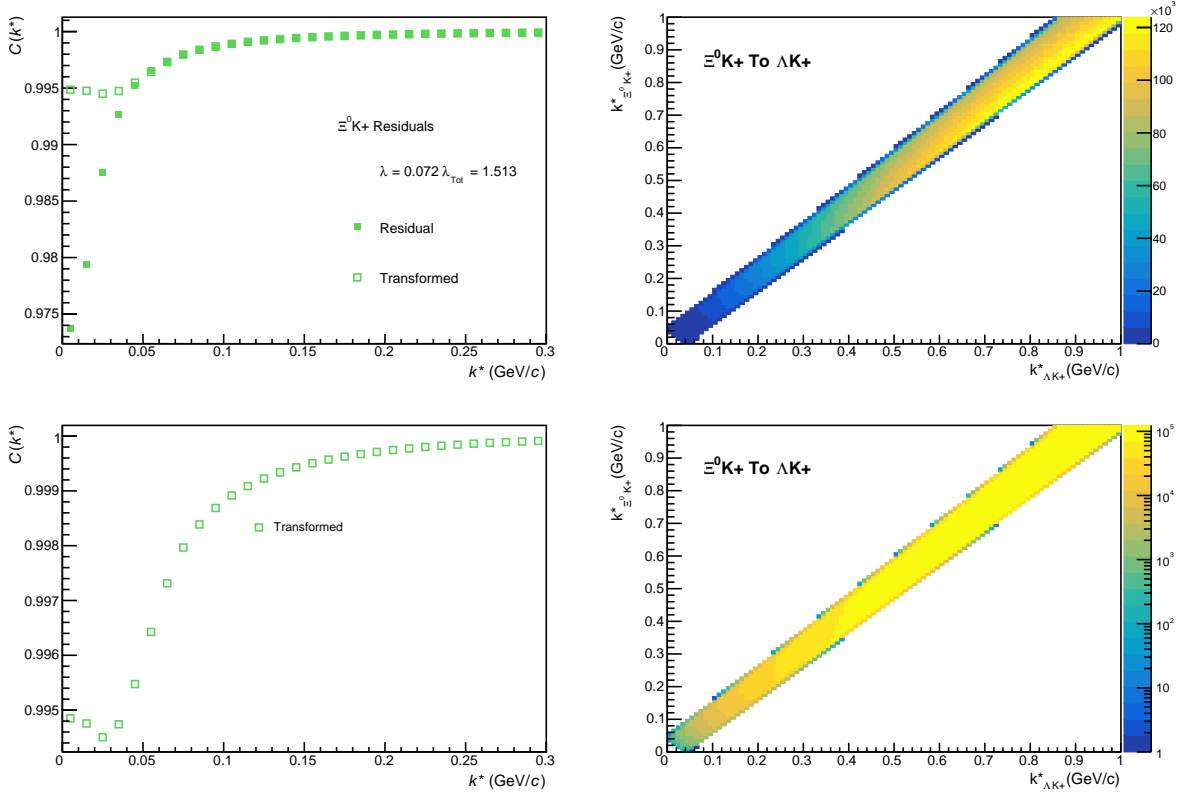
## 1 Additional Figures

### 1.1 Residuals

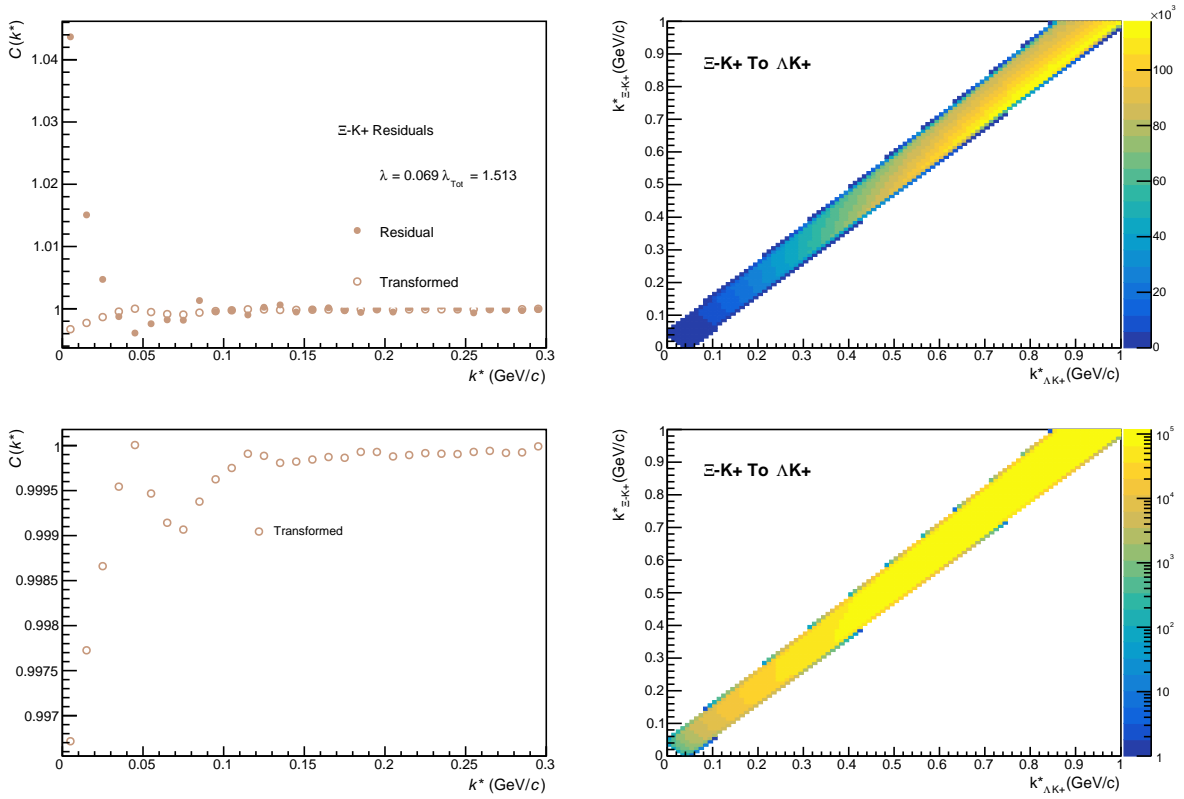
#### 1.1.1 $\Lambda K^+$ Residuals



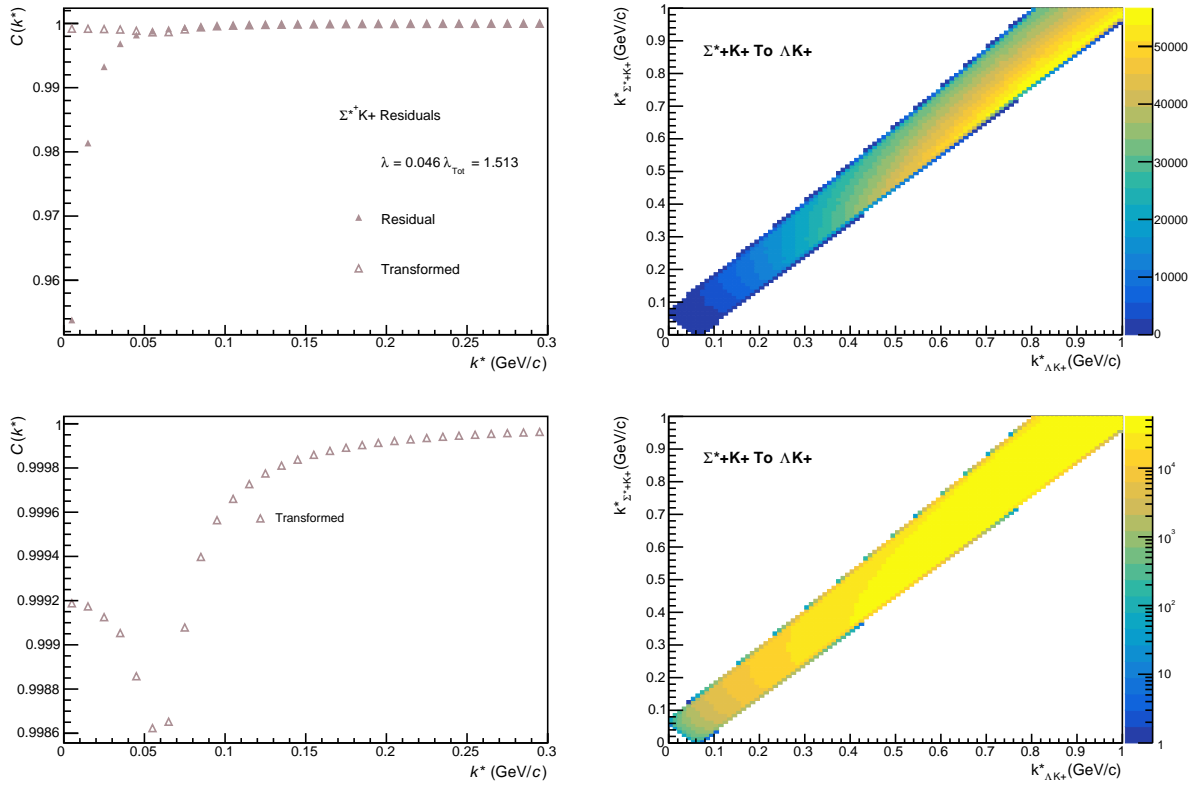
**Fig. 1:** Residuals:  $\Sigma^0 K^+$  to  $\Lambda K^+$  (0-10% Centrality)



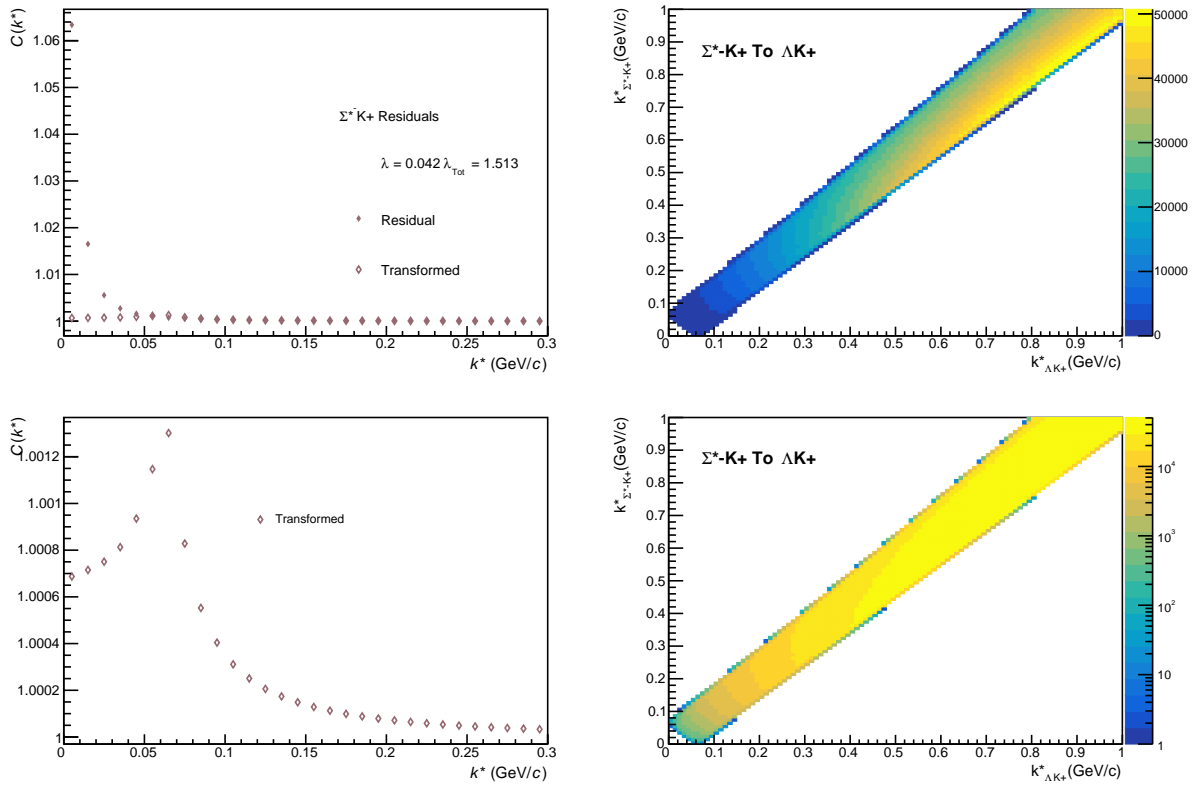
**Fig. 2:** Residuals:  $\Xi^0 K^+$  to  $\Lambda K^+$  (0-10% Centrality)



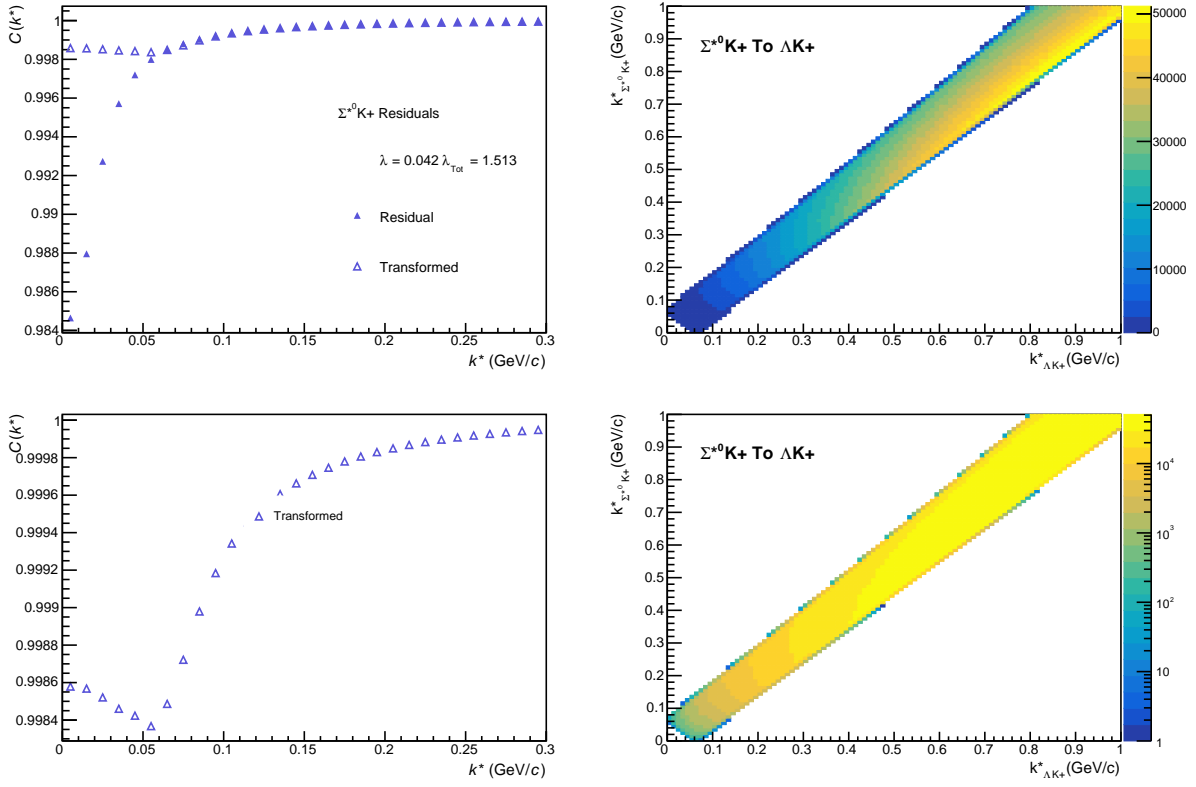
**Fig. 3:** Residuals:  $\Xi^- K^+$  to  $\Lambda K^+$  (0-10% Centrality)



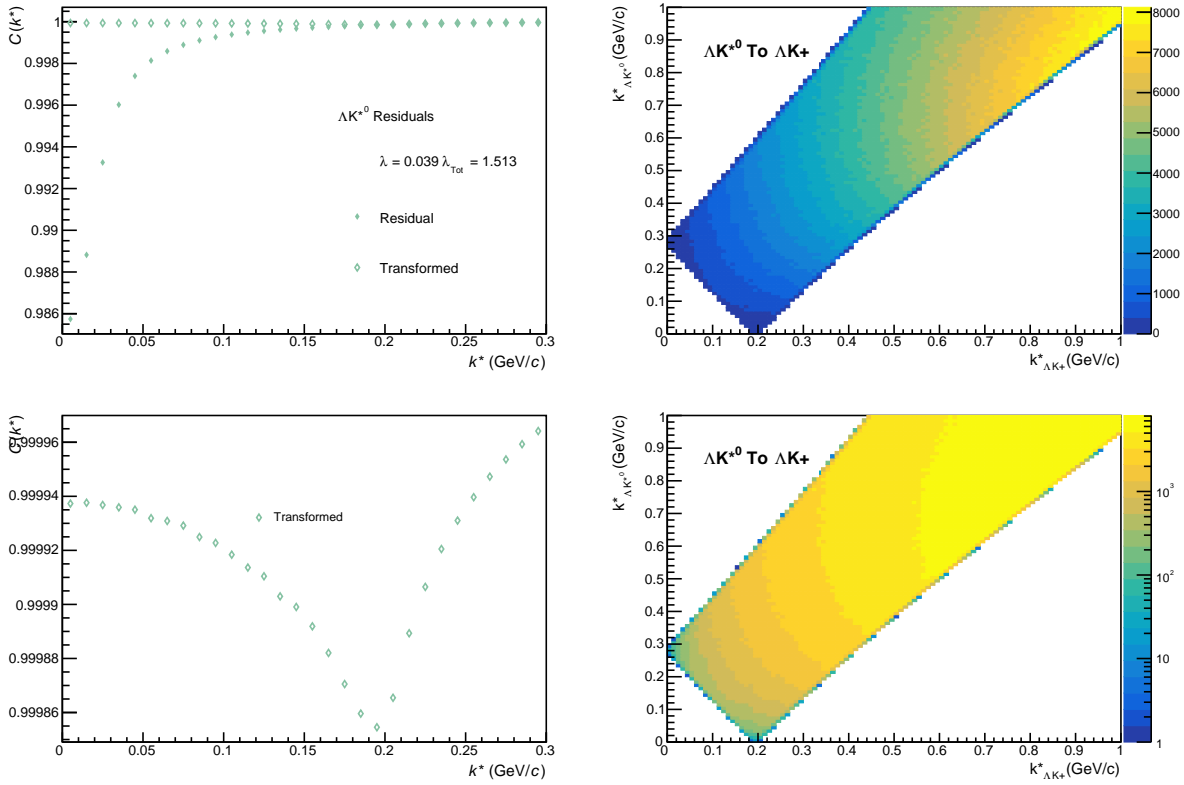
**Fig. 4:** Residuals:  $\Sigma^{*+}K^+$  to  $\Lambda K^+$  (0-10% Centrality)



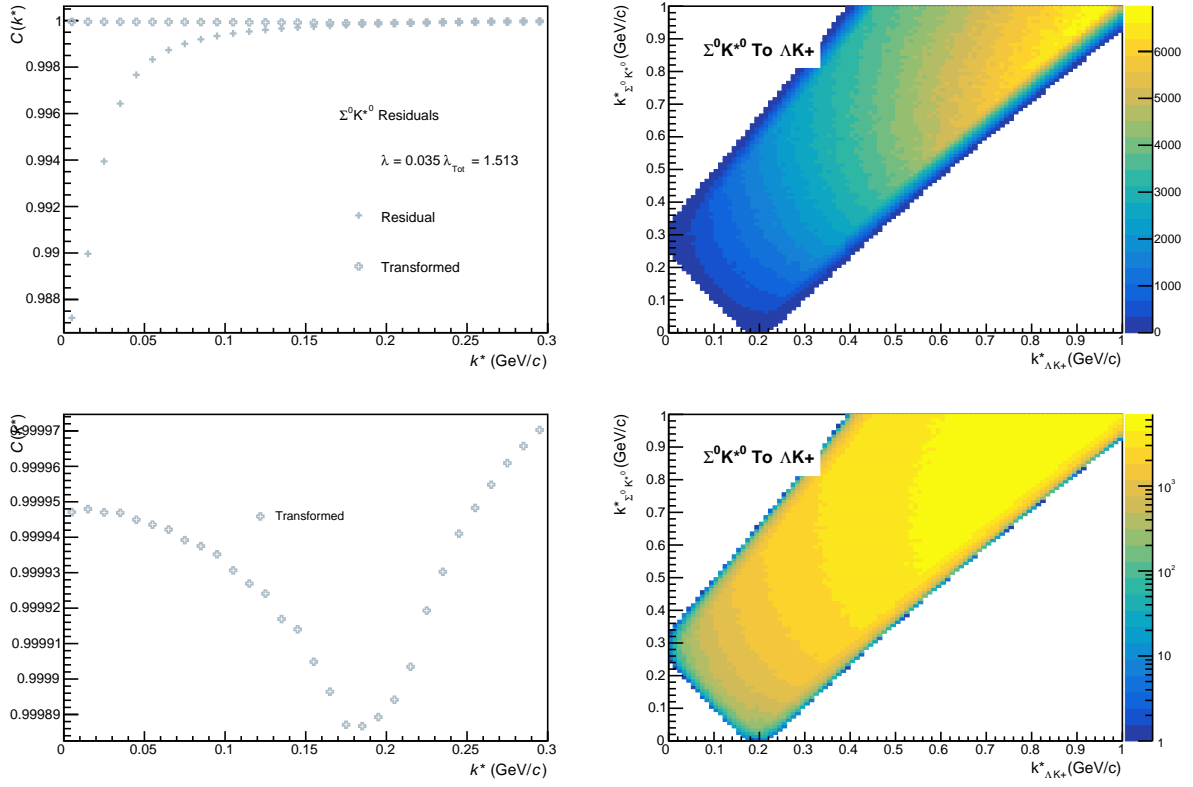
**Fig. 5:** Residuals:  $\Sigma^{*-}K^+$  to  $\Lambda K^+$  (0-10% Centrality)



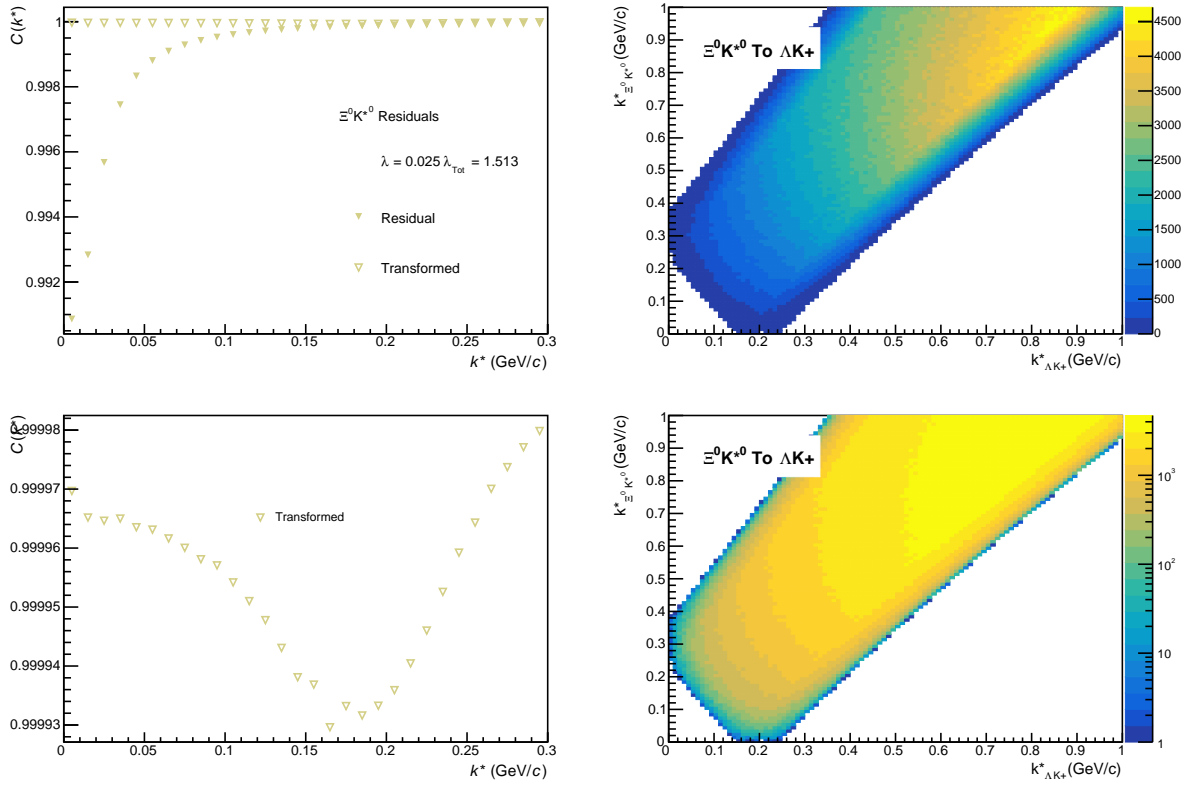
**Fig. 6:** Residuals:  $\Sigma^{*0}K^+$  to  $\Lambda K^+$  (0-10% Centrality)



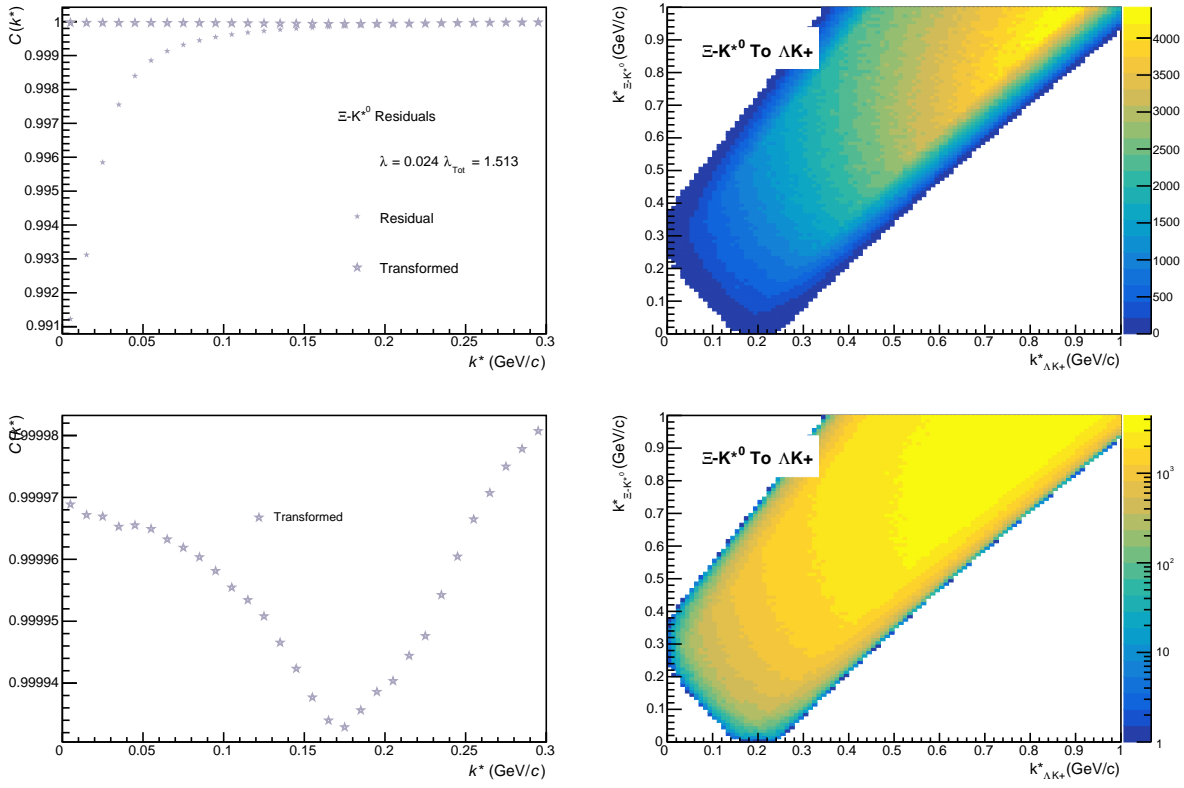
**Fig. 7:** Residuals:  $\Lambda K^{*0}$  to  $\Lambda K^+$  (0-10% Centrality)



**Fig. 8:** Residuals:  $\Sigma^0 K^{*0}$  to  $\Lambda K^+$  (0-10% Centrality)

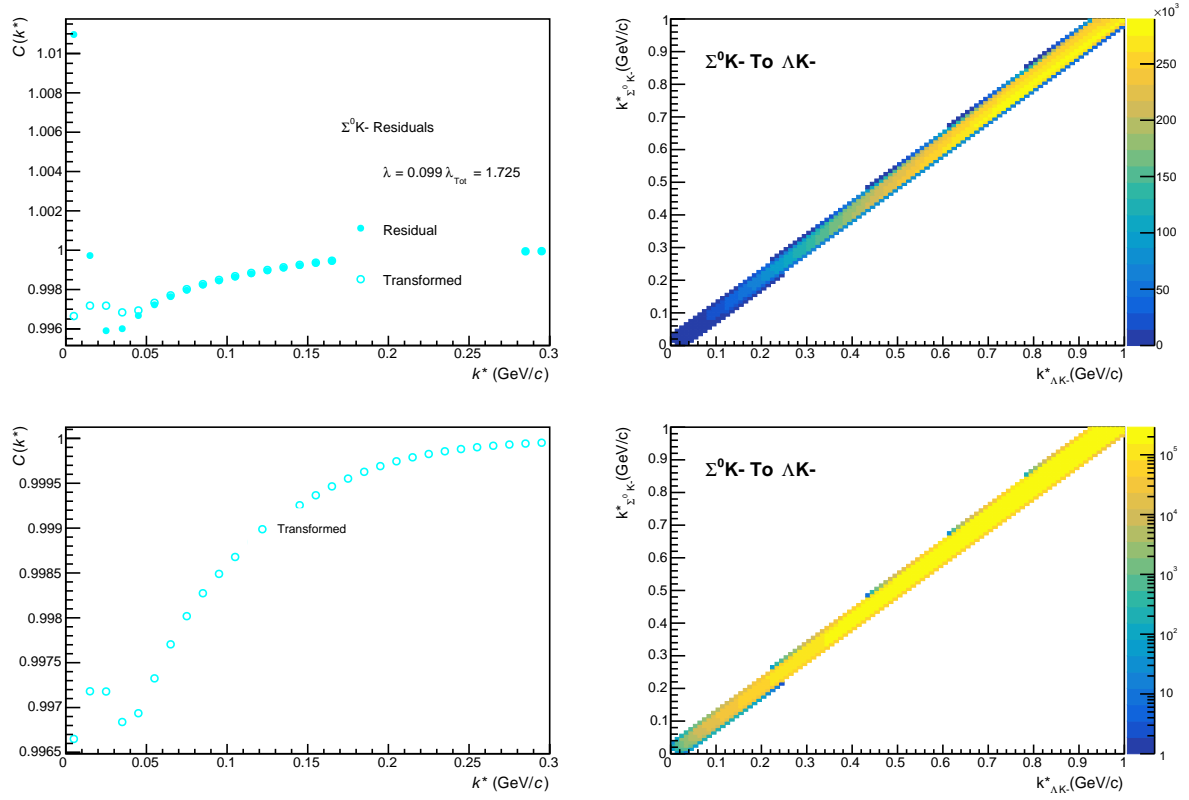


**Fig. 9:** Residuals:  $\Xi^0 K^{*0}$  to  $\Lambda K^+$  (0-10% Centrality)

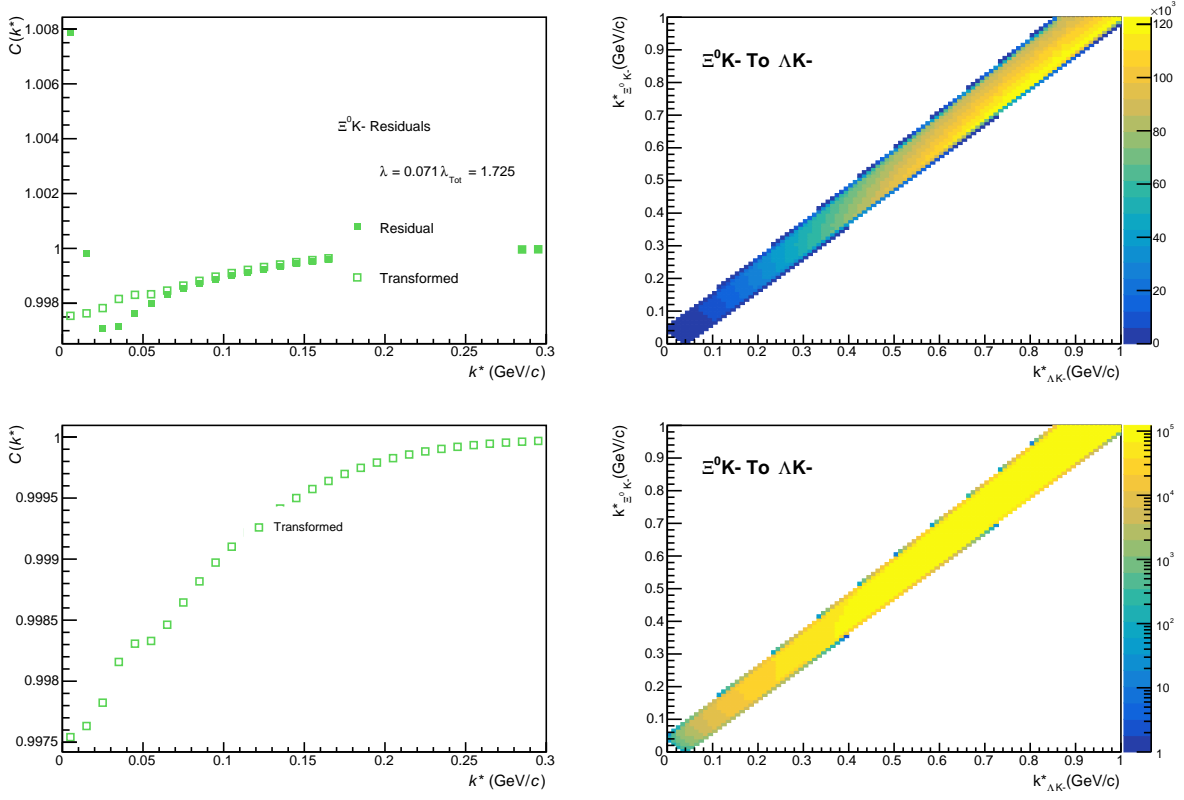


**Fig. 10:** Residuals:  $\Xi^- K^{*0}$  to  $\Lambda K^+$  (0-10% Centrality)

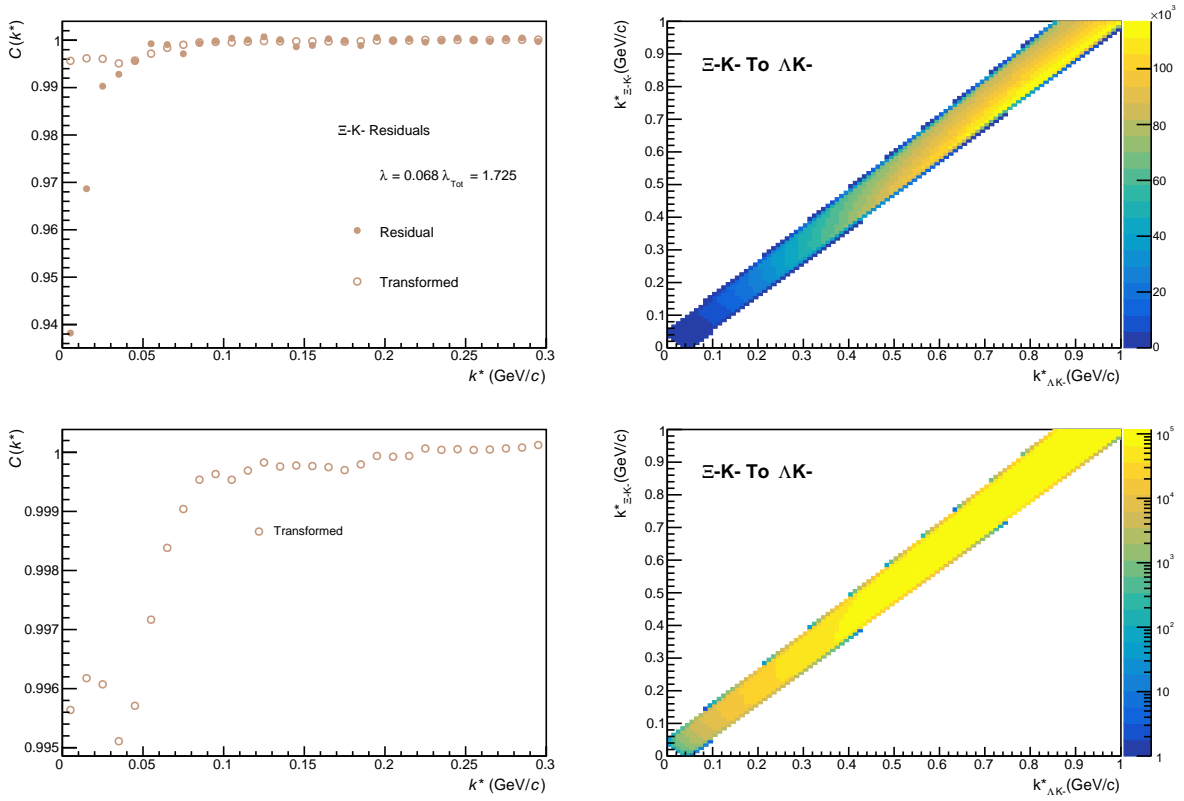
### 1.1.2 $\Lambda K^-$ Residuals



**Fig. 11:** Residuals:  $\Sigma^0 K^-$  to  $\Lambda K^-$  (0-10% Centrality)

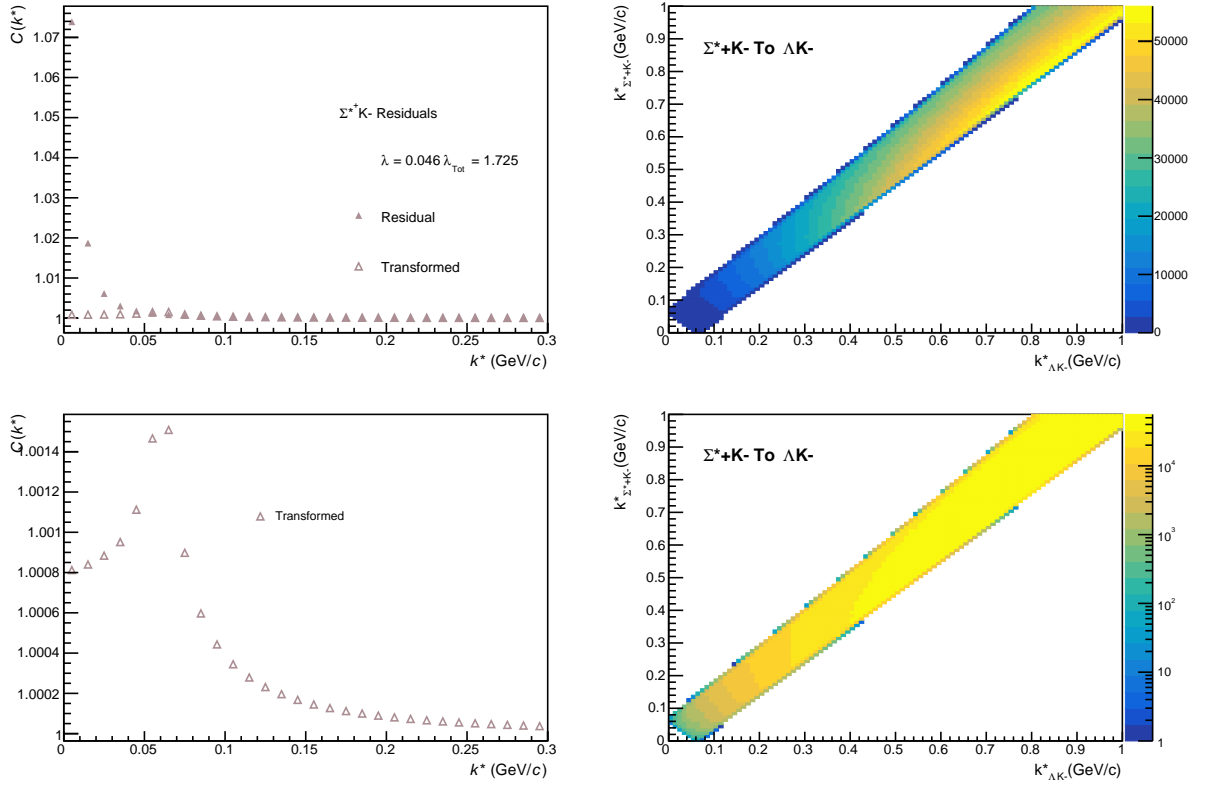


**Fig. 12:** Residuals:  $\Xi^0 K^-$  to  $\Lambda K^-$  (0-10% Centrality)

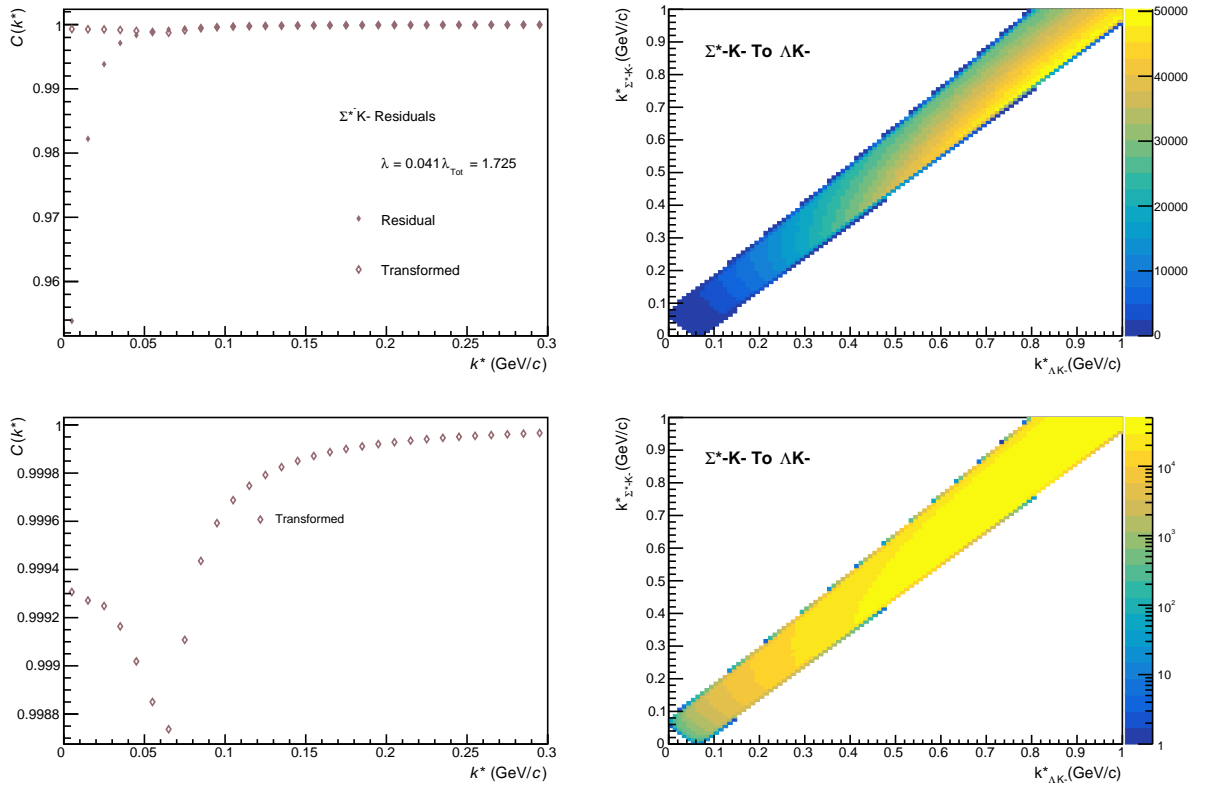


**Fig. 13:** Residuals:  $\Xi^- K^-$  to  $\Lambda K^-$  (0-10% Centrality)

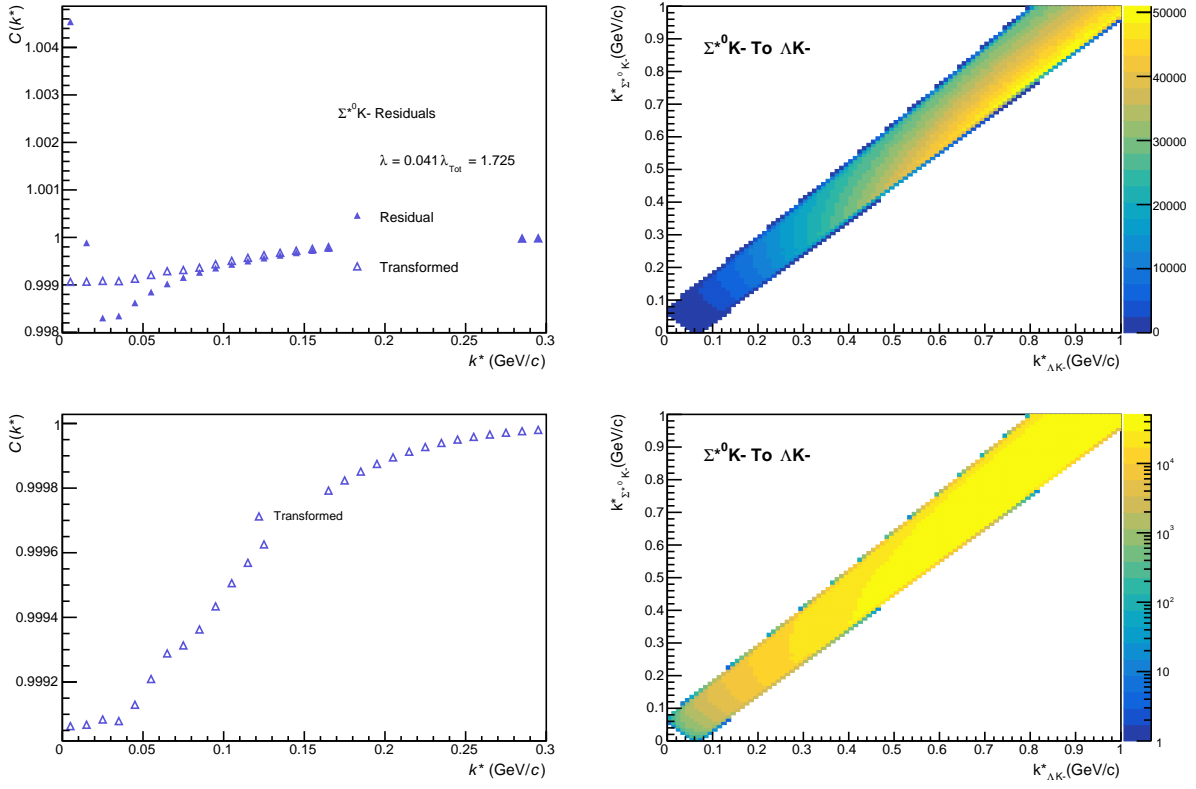




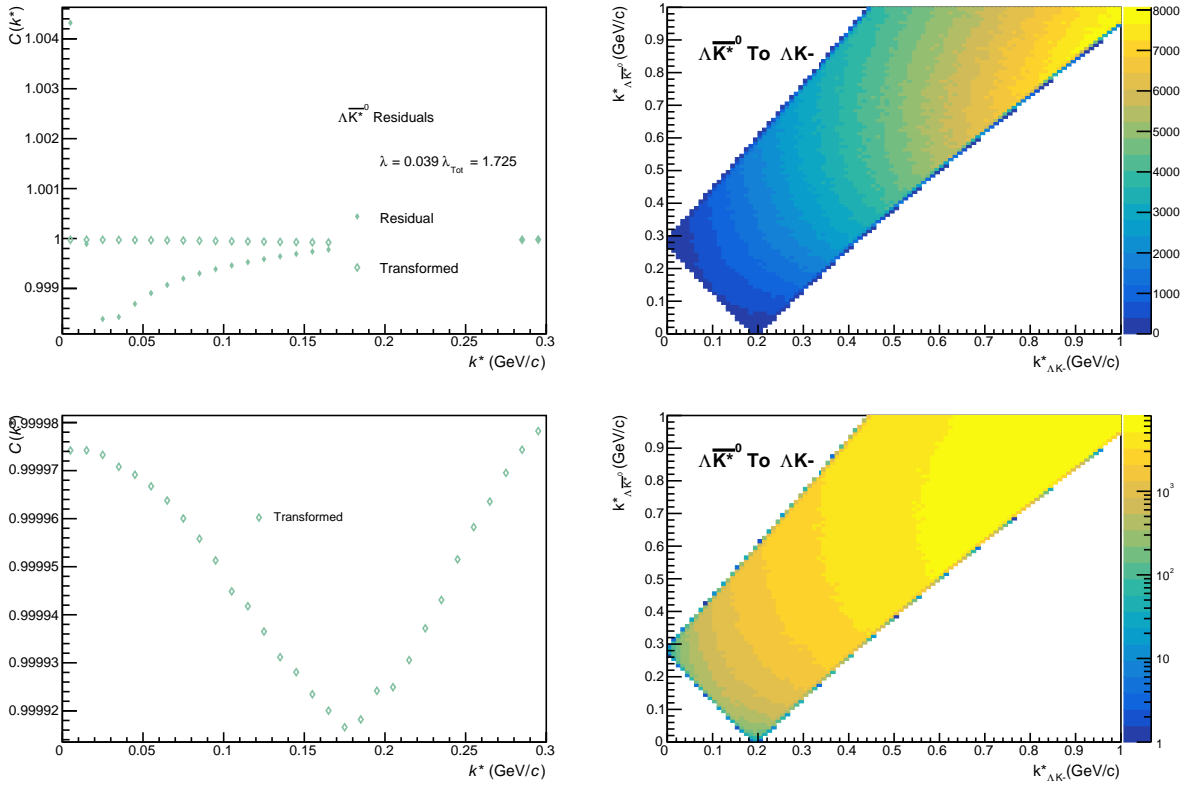
**Fig. 14:** Residuals:  $\Sigma^{*+}K^-$  to  $\Lambda K^-$  (0-10% Centrality)



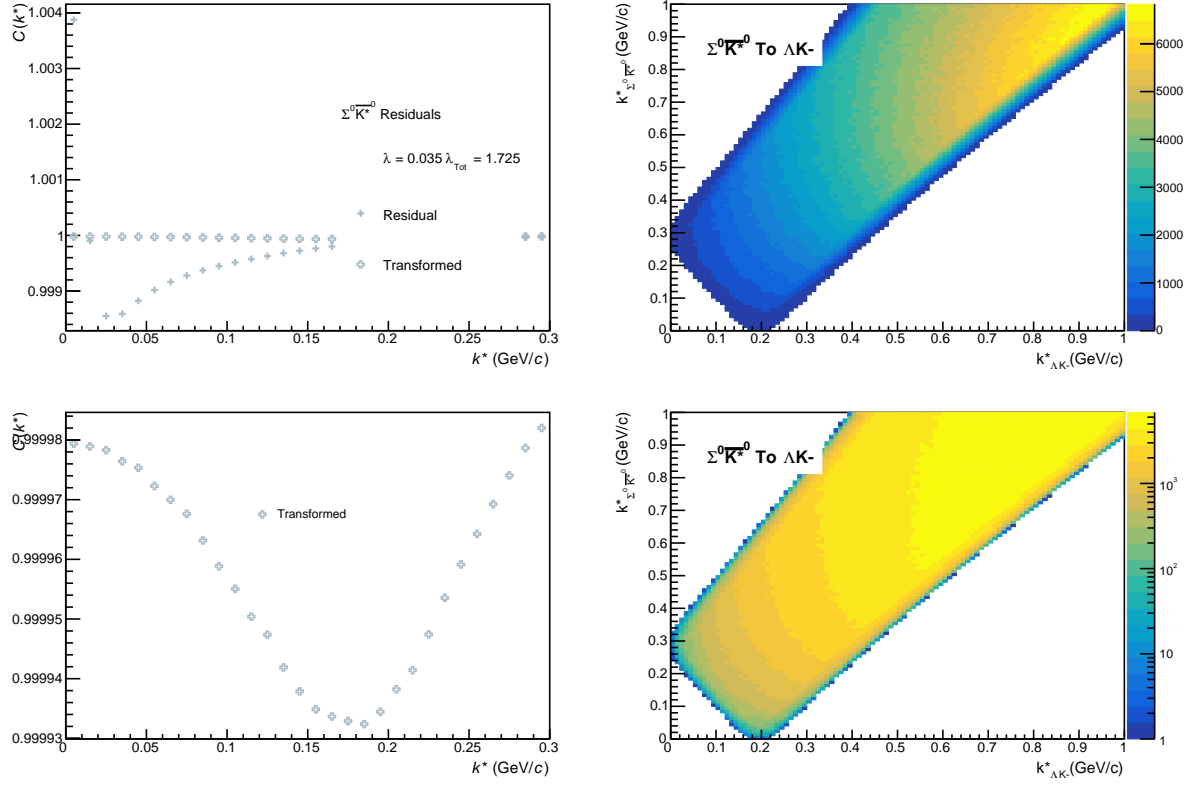
**Fig. 15:** Residuals:  $\Sigma^{*+}K^-$  to  $\Lambda K^-$  (0-10% Centrality)



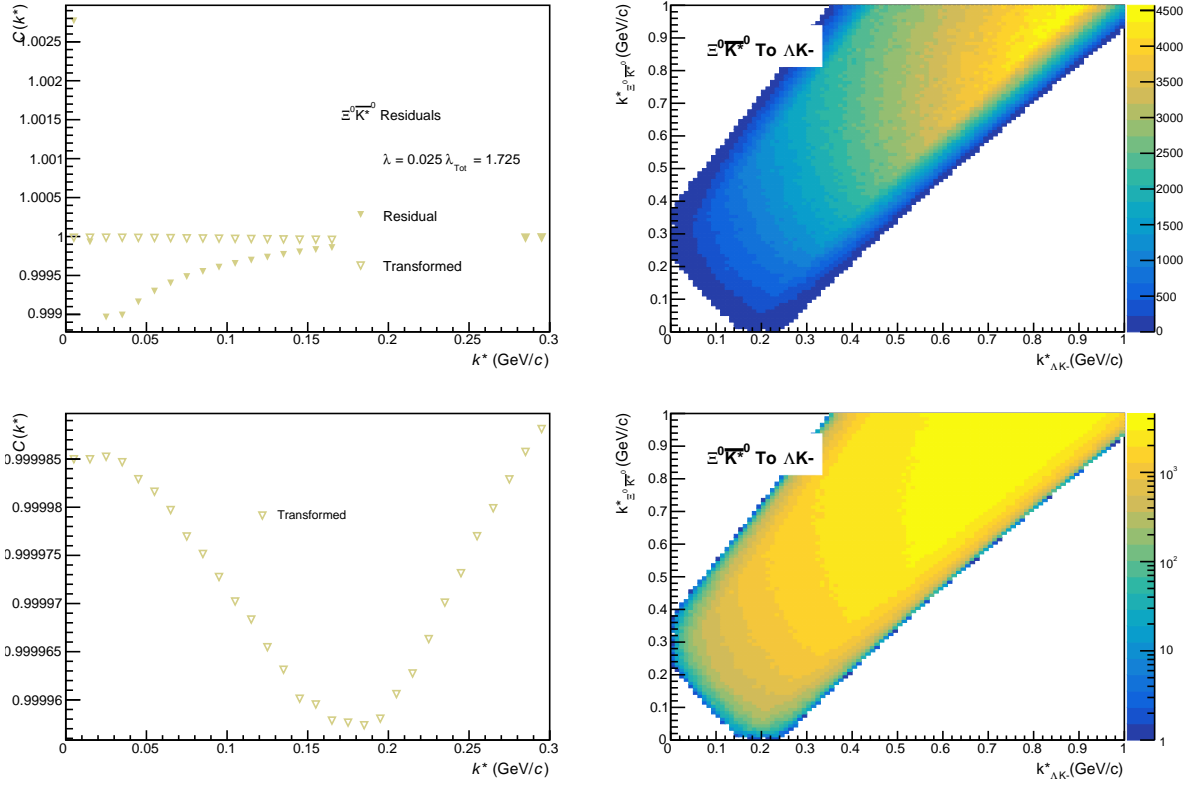
**Fig. 16:** Residuals:  $\Sigma^{*0}K^-$  to  $\Lambda K^-$  (0-10% Centrality)



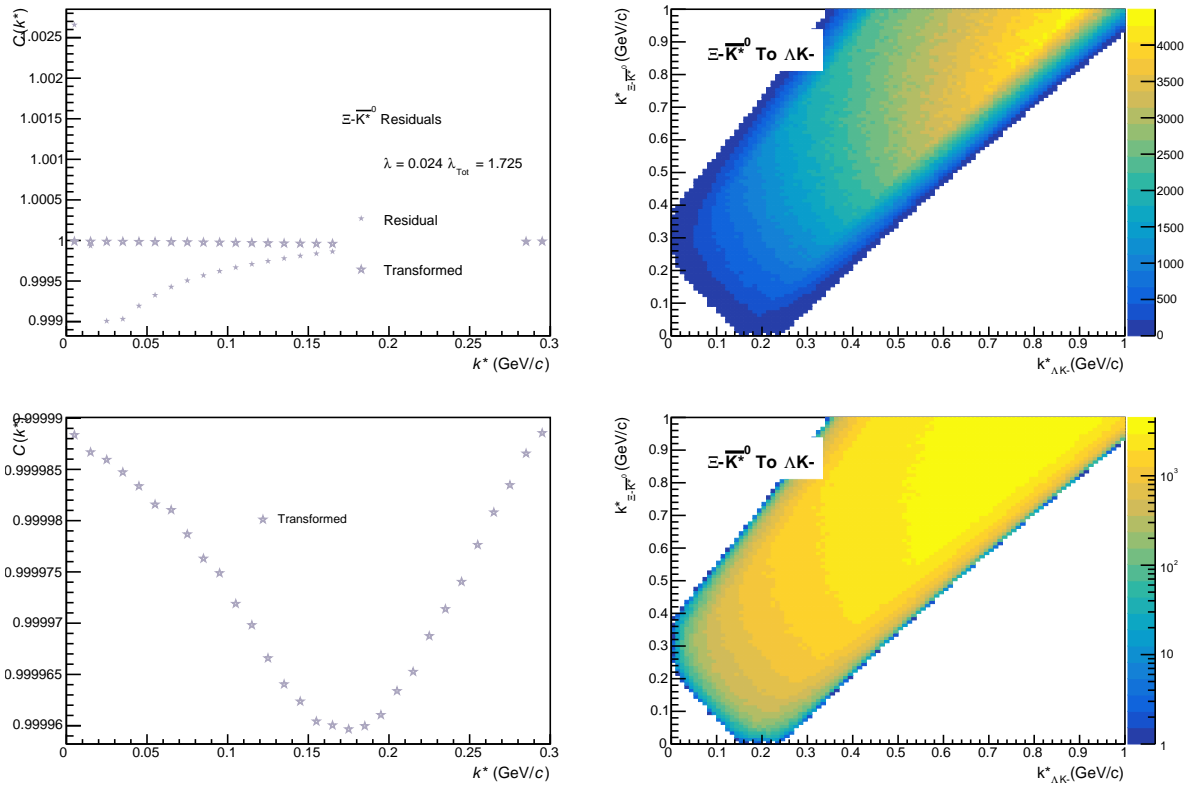
**Fig. 17:** Residuals:  $\Lambda\bar{K}^{*0}$  to  $\Lambda K^-$  (0-10% Centrality)



**Fig. 18:** Residuals:  $\Sigma^0 \bar{K}^{*0}$  to  $\Lambda K^-$  (0-10% Centrality)

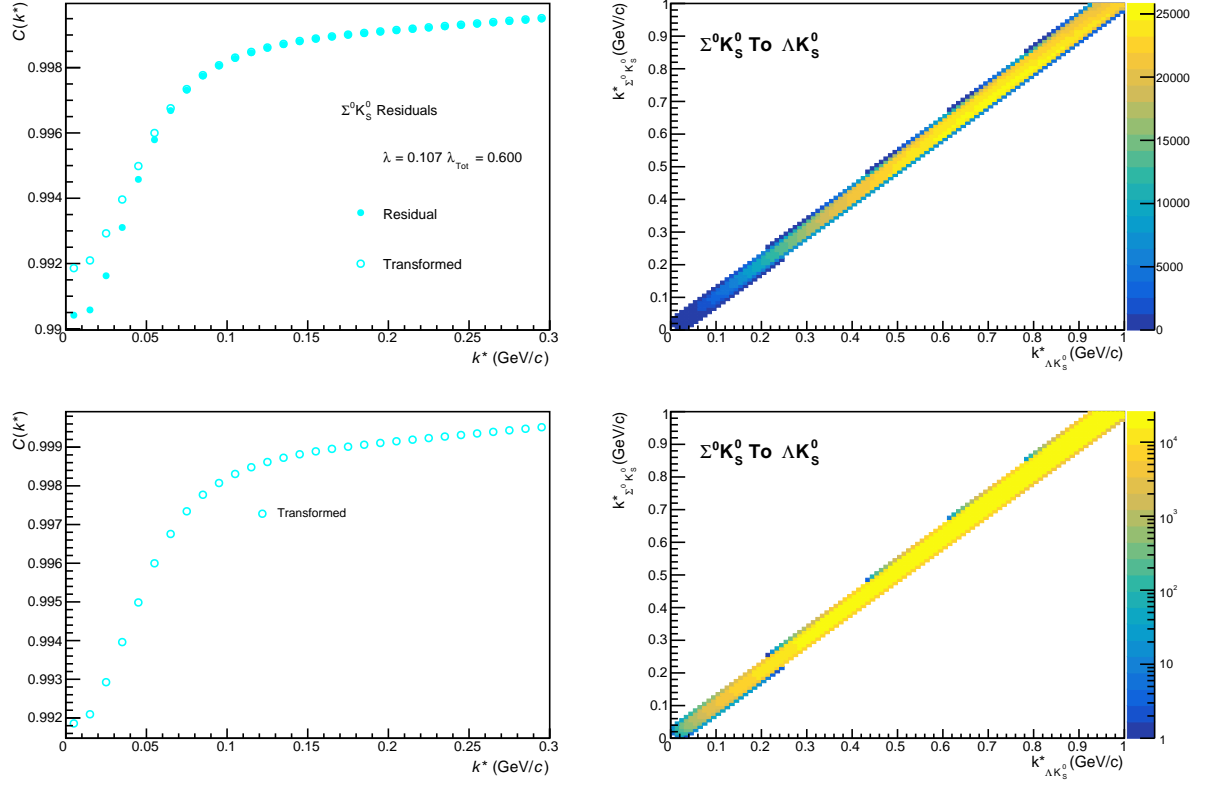


**Fig. 19:** Residuals:  $\Xi^0 \bar{K}^{*0}$  to  $\Lambda K^-$  (0-10% Centrality)

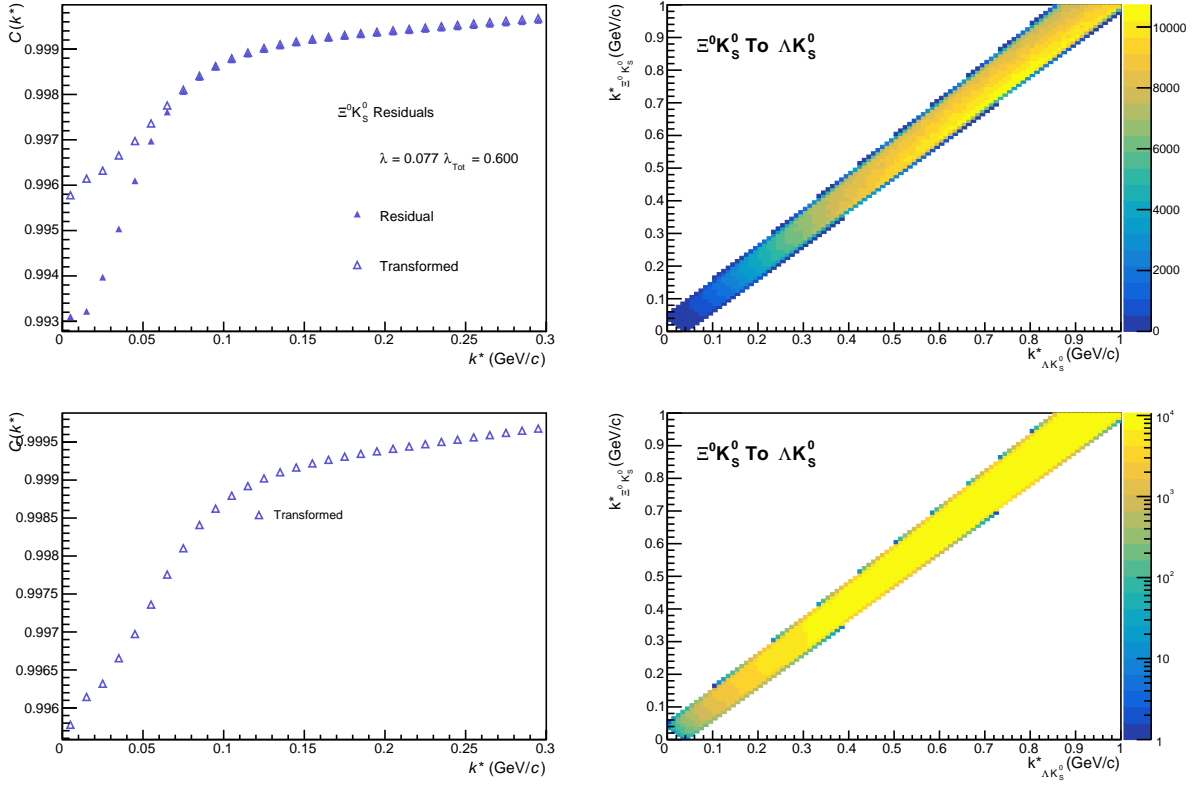


**Fig. 20:** Residuals:  $\Xi^- \bar{K}^0$  to  $\Lambda K^-$  (0-10% Centrality)

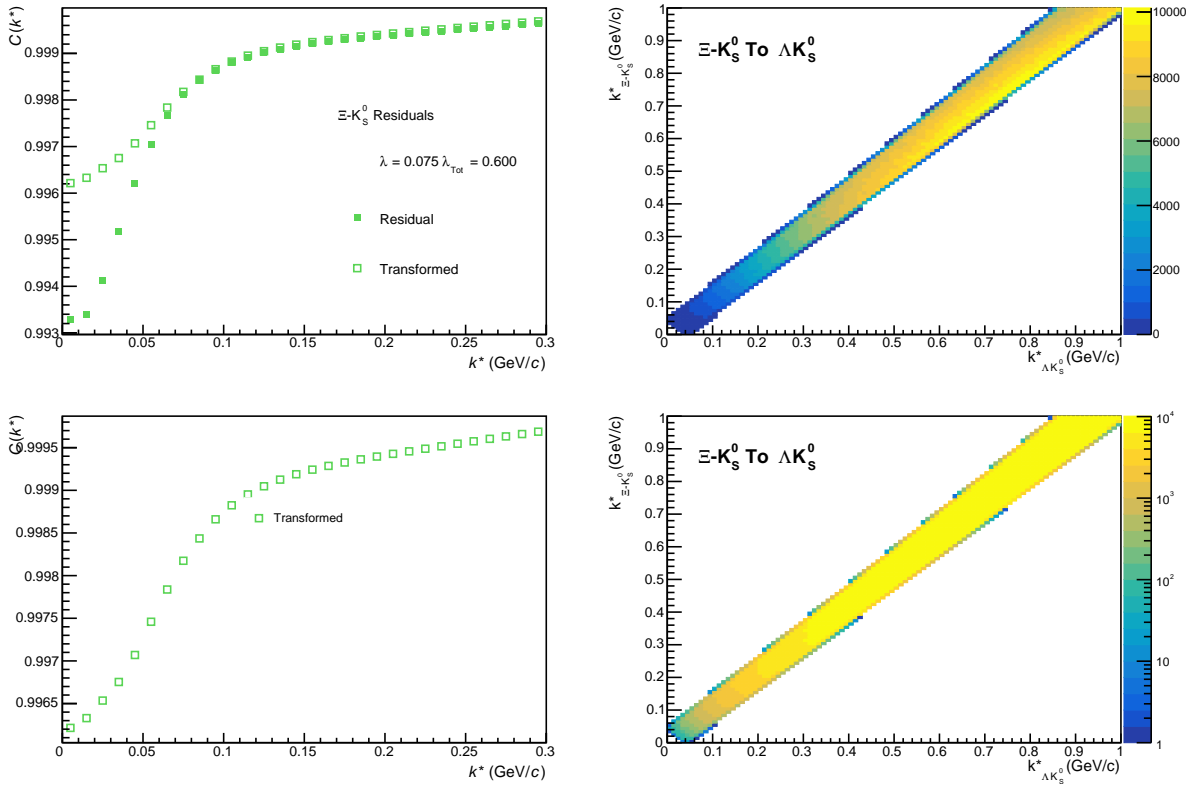
### 1.1.3 $\Lambda K_S^0$ Residuals



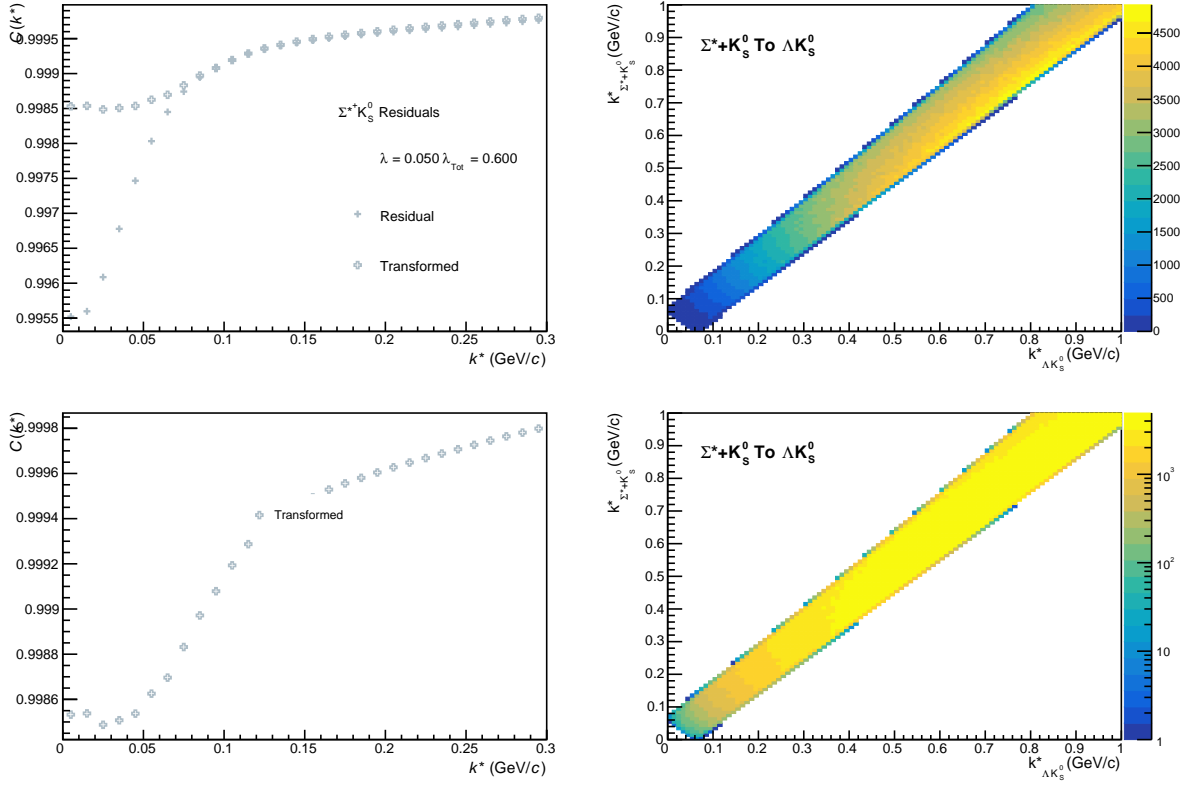
**Fig. 21:** Residuals:  $\Sigma^0 K_S^0$  to  $\Lambda K_S^0$  (0-10% Centrality)



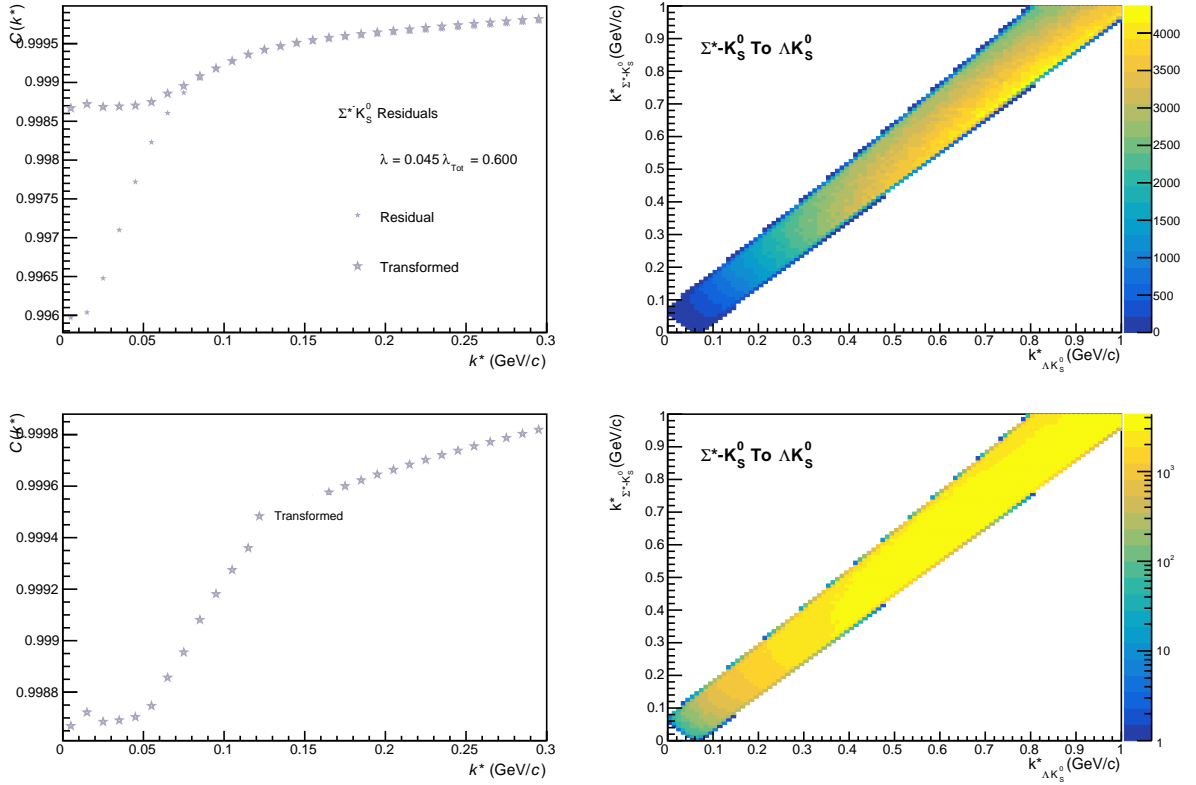
**Fig. 22:** Residuals:  $\Xi^0 K_S^0$  to  $\Lambda K_S^0$  (0-10% Centrality)



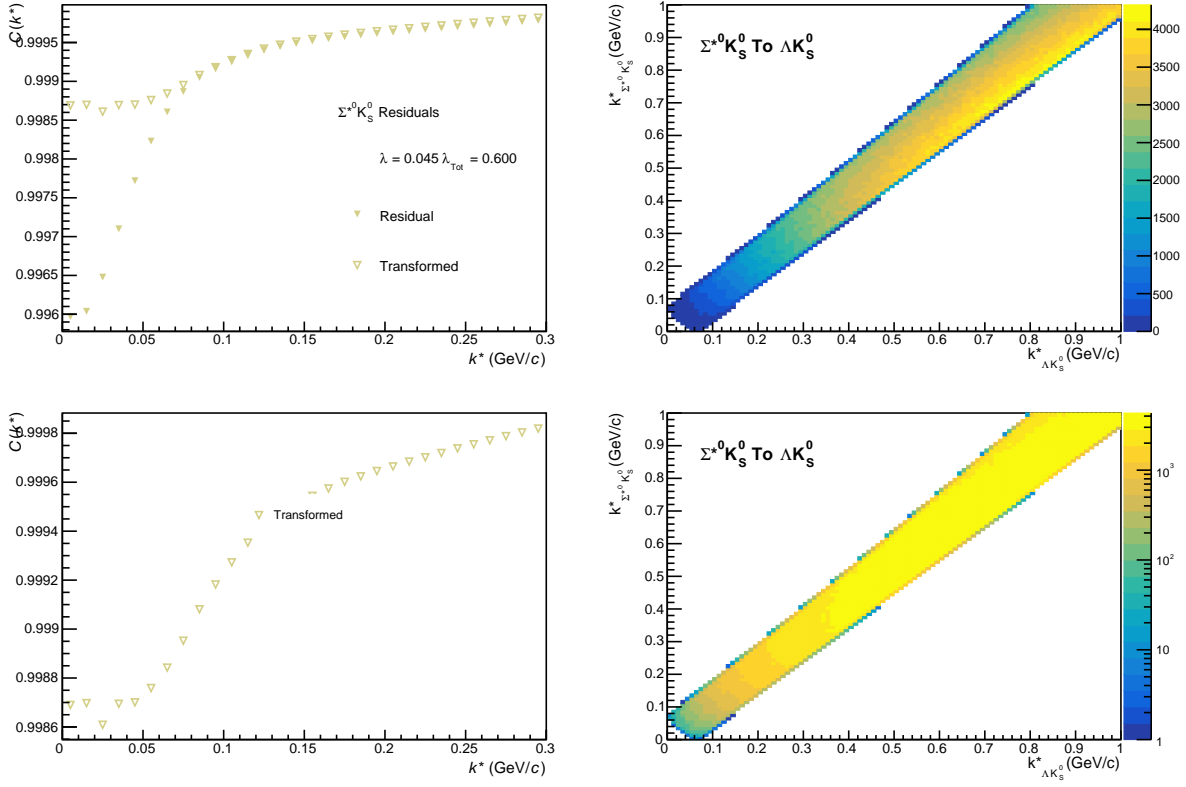
**Fig. 23:** Residuals:  $\Xi^- K_S^0$  to  $\Lambda K_S^0$  (0-10% Centrality)



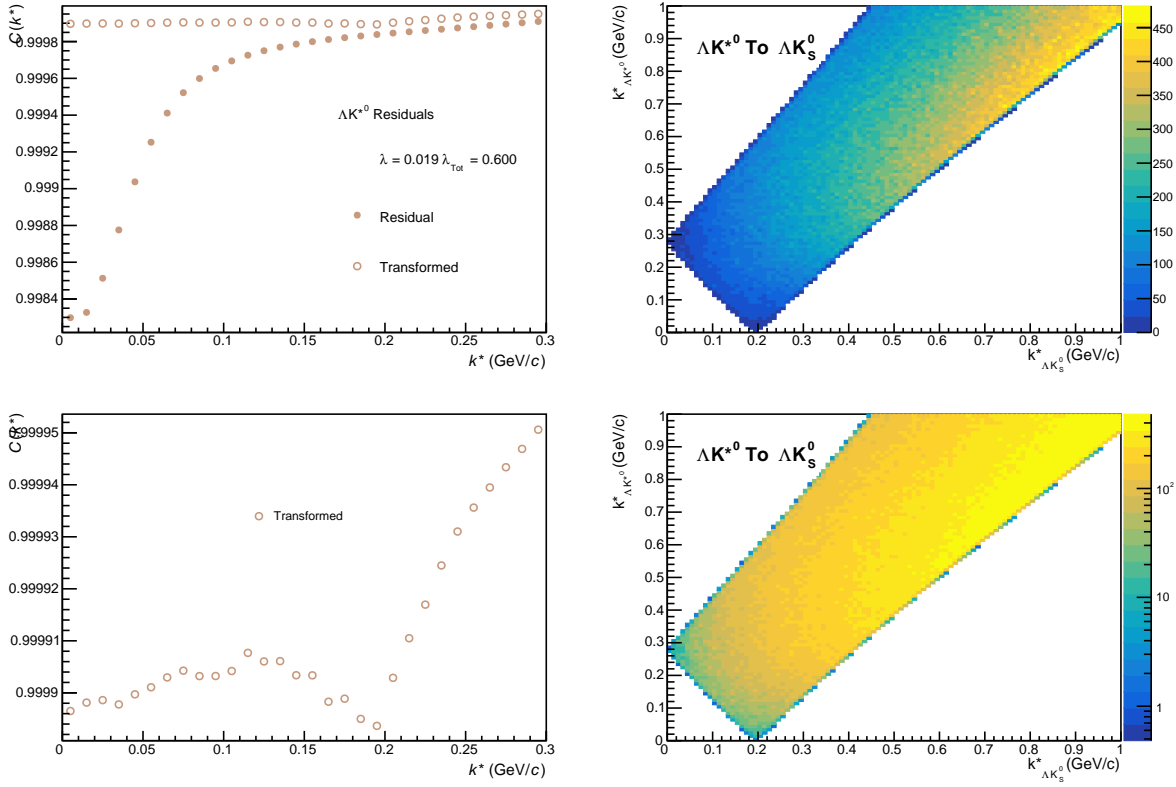
**Fig. 24:** Residuals:  $\Sigma^+K_S^0$  to  $\Lambda K_S^0$  (0-10% Centrality)



**Fig. 25:** Residuals:  $\Sigma^+K_S^0$  to  $\Lambda K_S^0$  (0-10% Centrality)

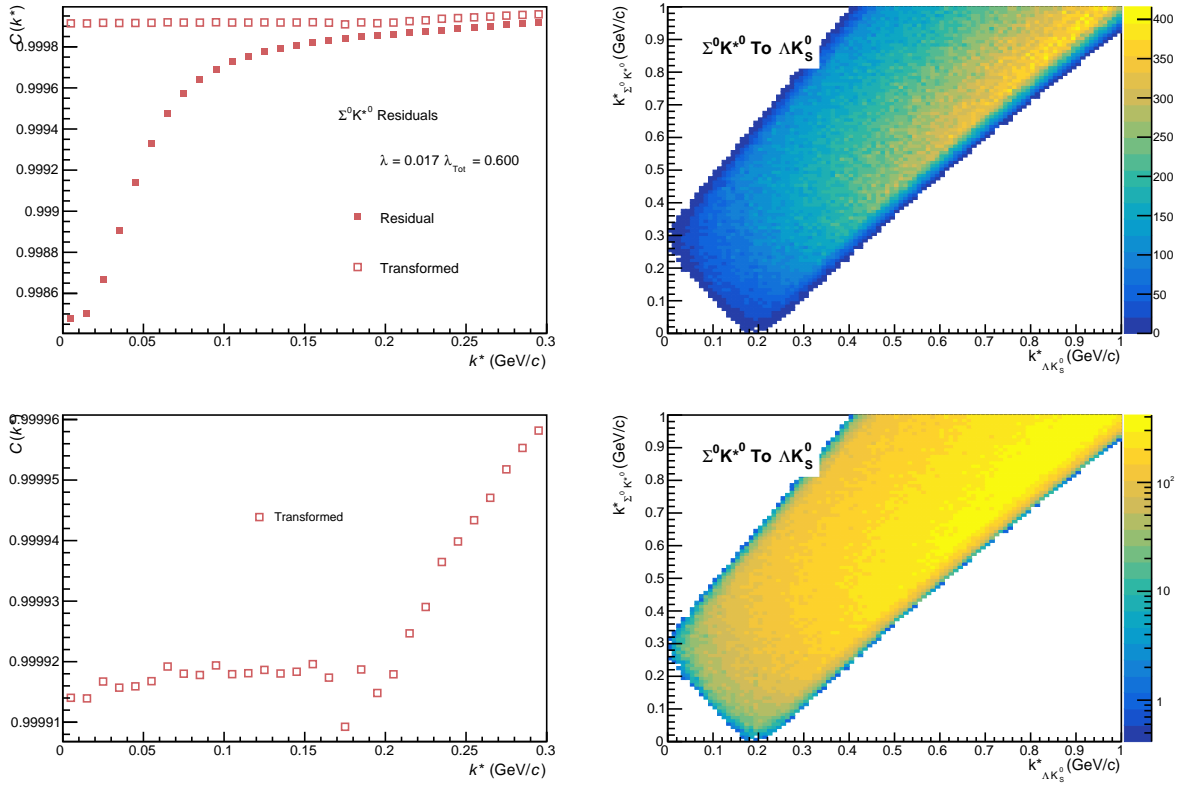


**Fig. 26:** Residuals:  $\Sigma^{*0}K_S^0$  to  $\Lambda K_S^0$  (0-10% Centrality)

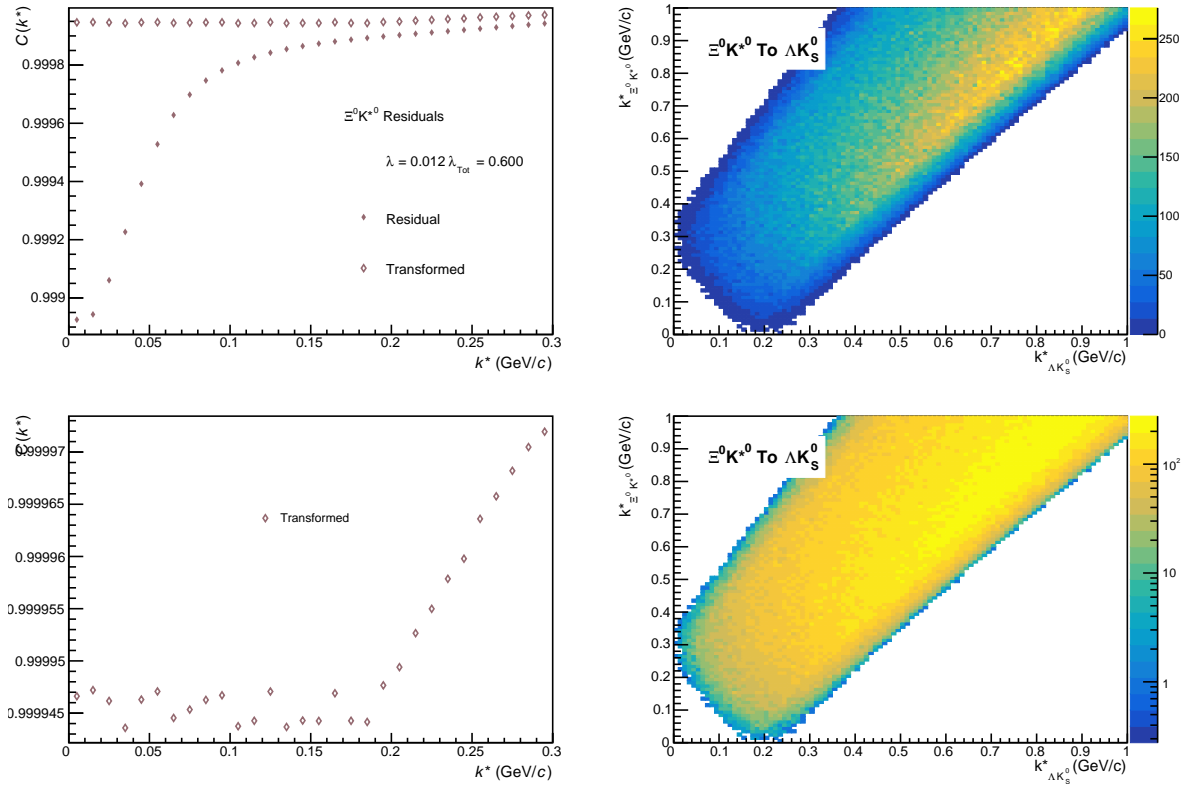


**Fig. 27:** Residuals:  $\Lambda K^{*0}$  to  $\Lambda K_S^0$  (0-10% Centrality)

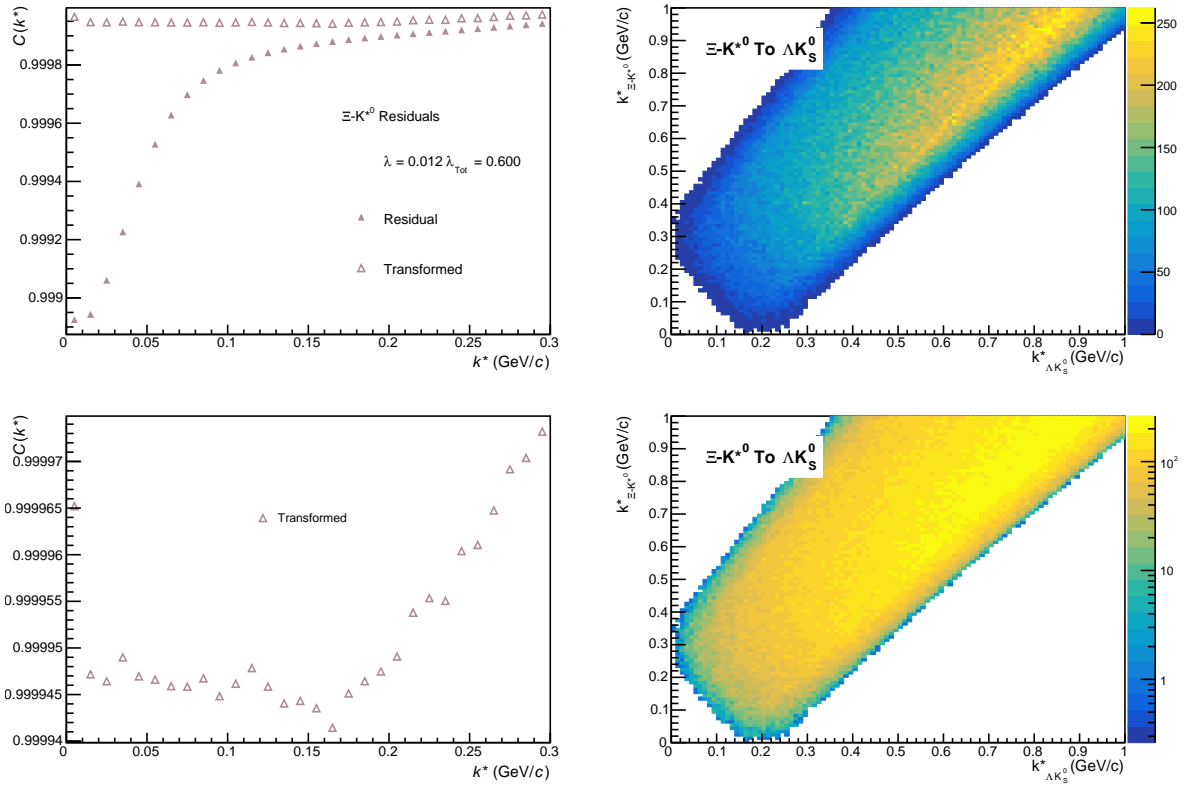




**Fig. 28:** Residuals:  $\Sigma^0 K^{*0}$  to  $\Lambda K_S^0$  (0-10% Centrality)



**Fig. 29:** Residuals:  $\Xi^0 K^{*0}$  to  $\Lambda K_S^0$  (0-10% Centrality)



**Fig. 30:** Residuals:  $\Xi^- K^{*0}$  to  $\Lambda K_S^0$  (0-10% Centrality)