

# Data 3 and 4 TOF

pmalinow

October 2023

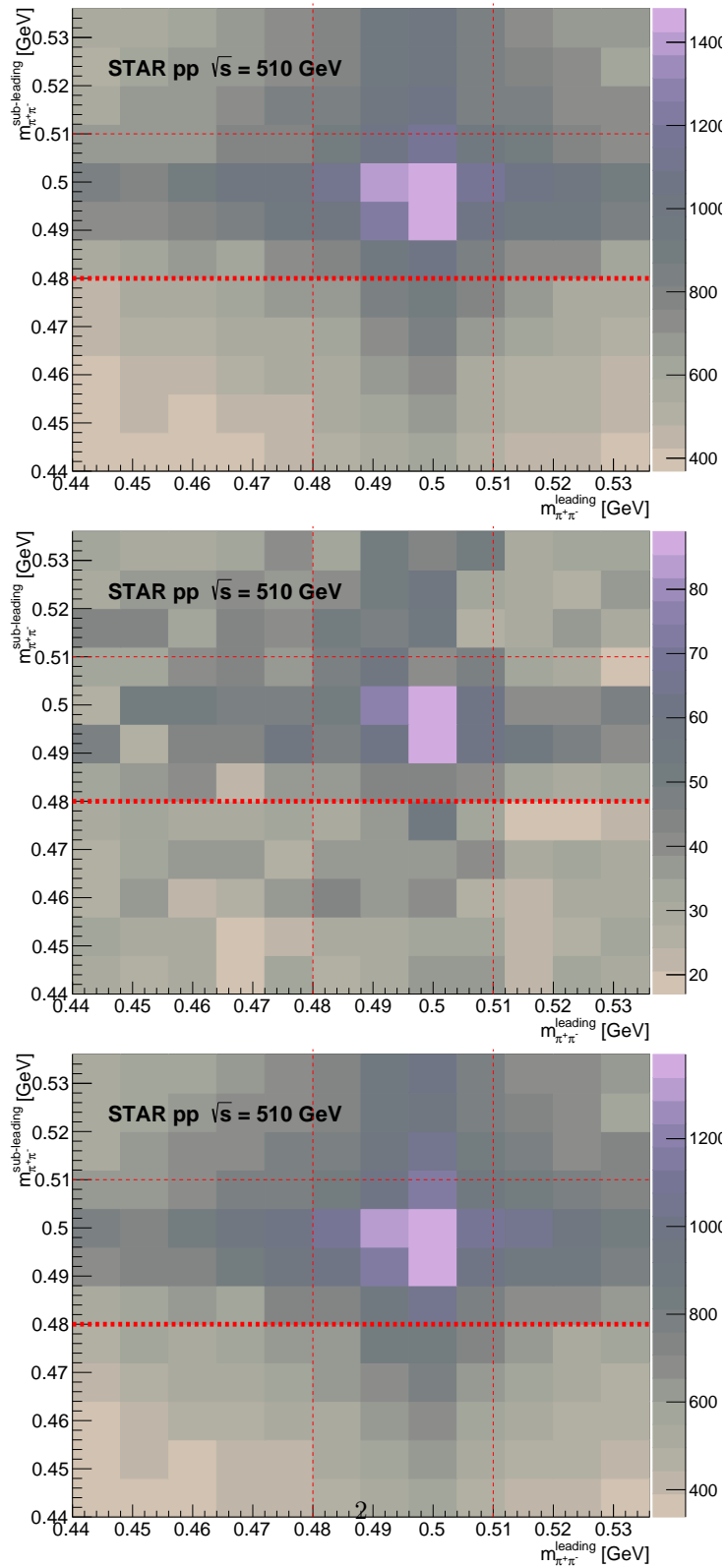


Figure 1: Leading vs sub-leading mass distribution

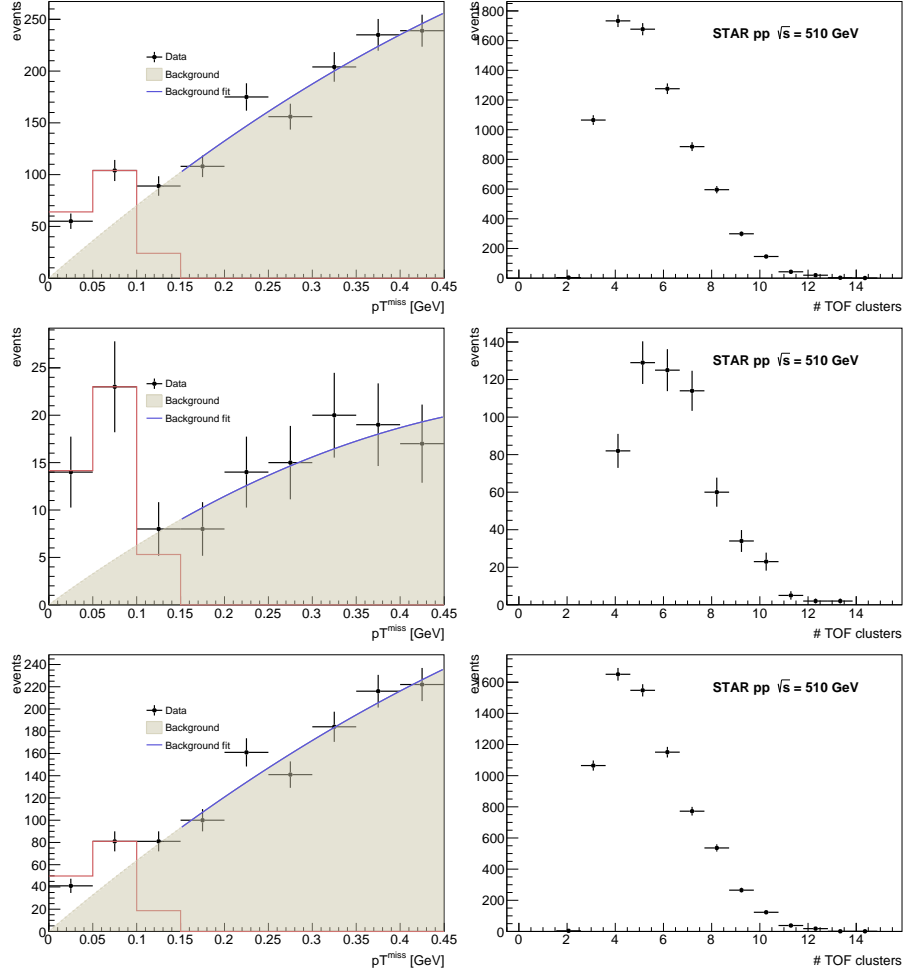


Figure 2:  $p_T^{miss}$  GeV and  $N_{cluster}$ , CUTS: narrow mass window,  $DCA < 1.5$  cm,  $d_{K^0 K^0} < 0.3$  cm

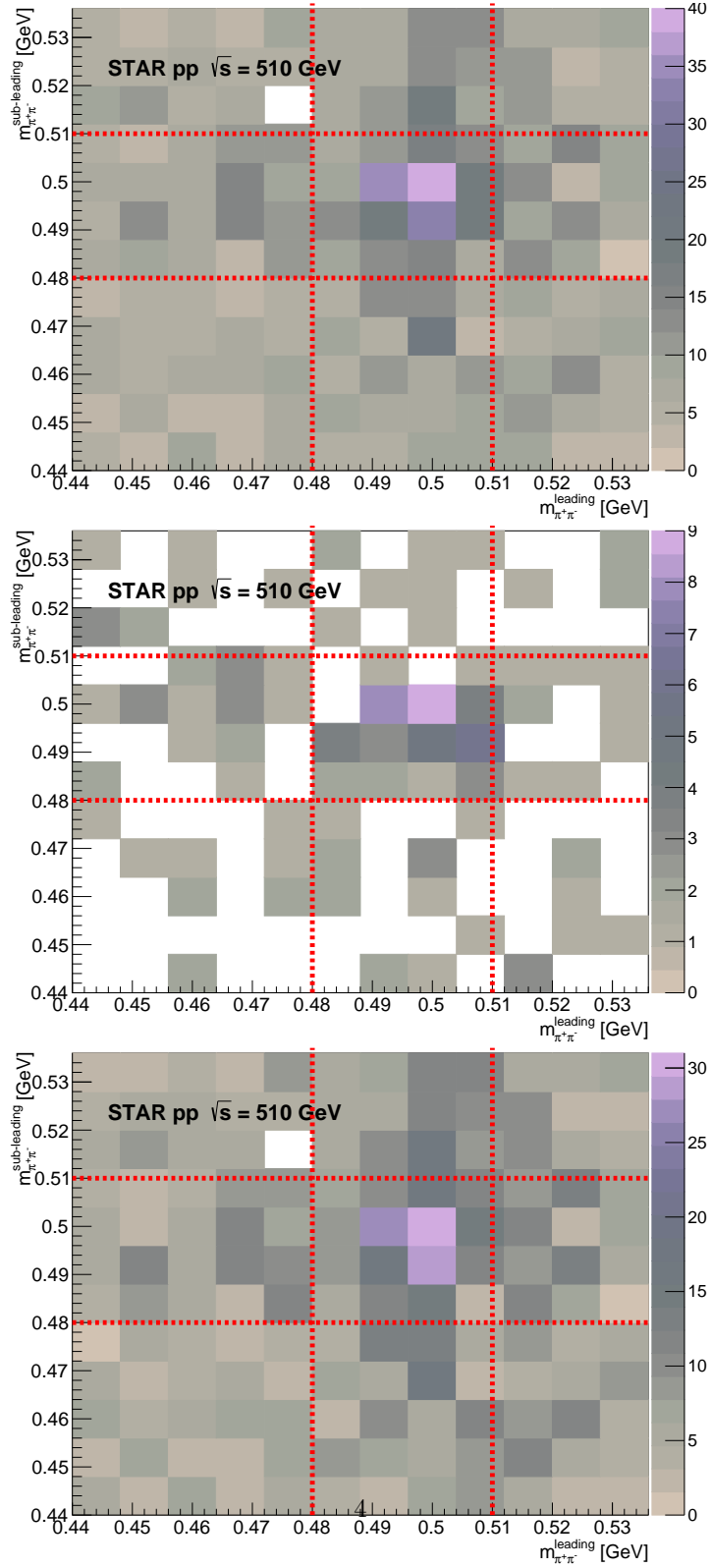


Figure 3: Leading vs sub-leading mass distribution, CUTS:  $p_T^{\text{miss}} < 0.15$  GeV and  $N_{\text{cluster}} \leq 9$ ,  $DCA < 1.5$  cm,  $d_{K^0K^0} < 0.3$  cm

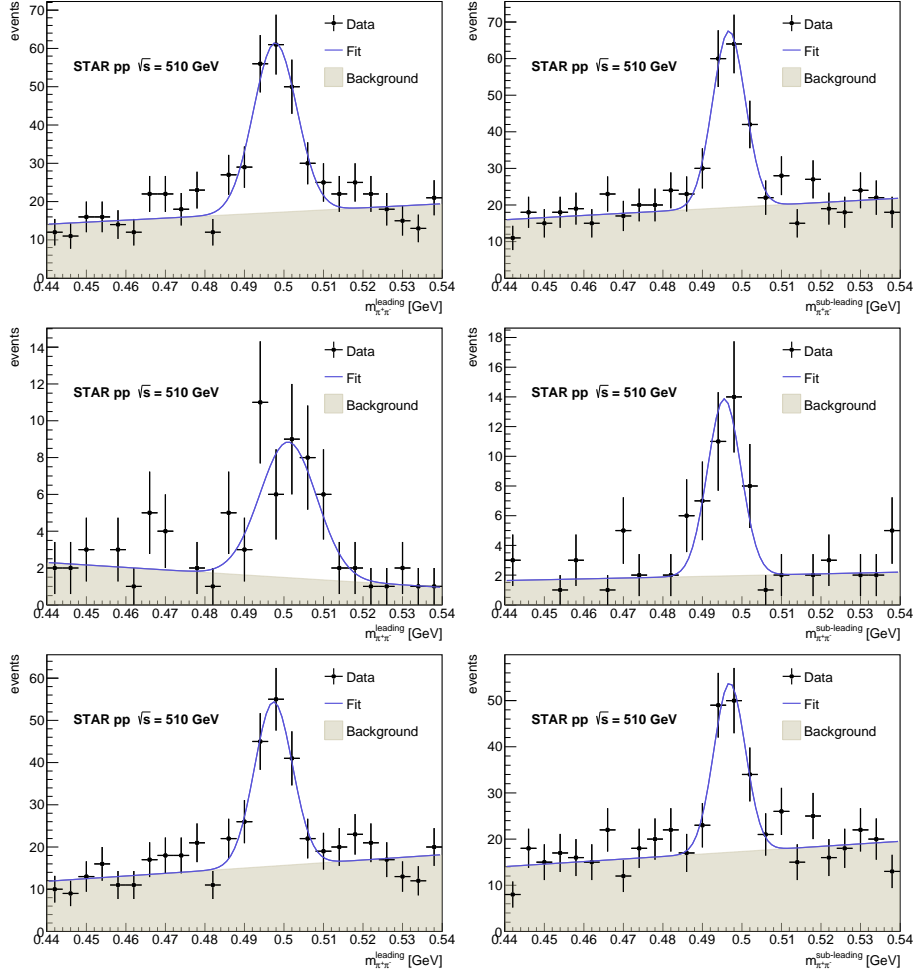


Figure 4: Conditional mass distributions, CUTS:  $p_T^{miss} < 0.15$  GeV and  $N_{cluster} \leq 9$ ,  $DCA < 1.5$  cm,  $d_{K^0 K^0} < 0.3$  cm

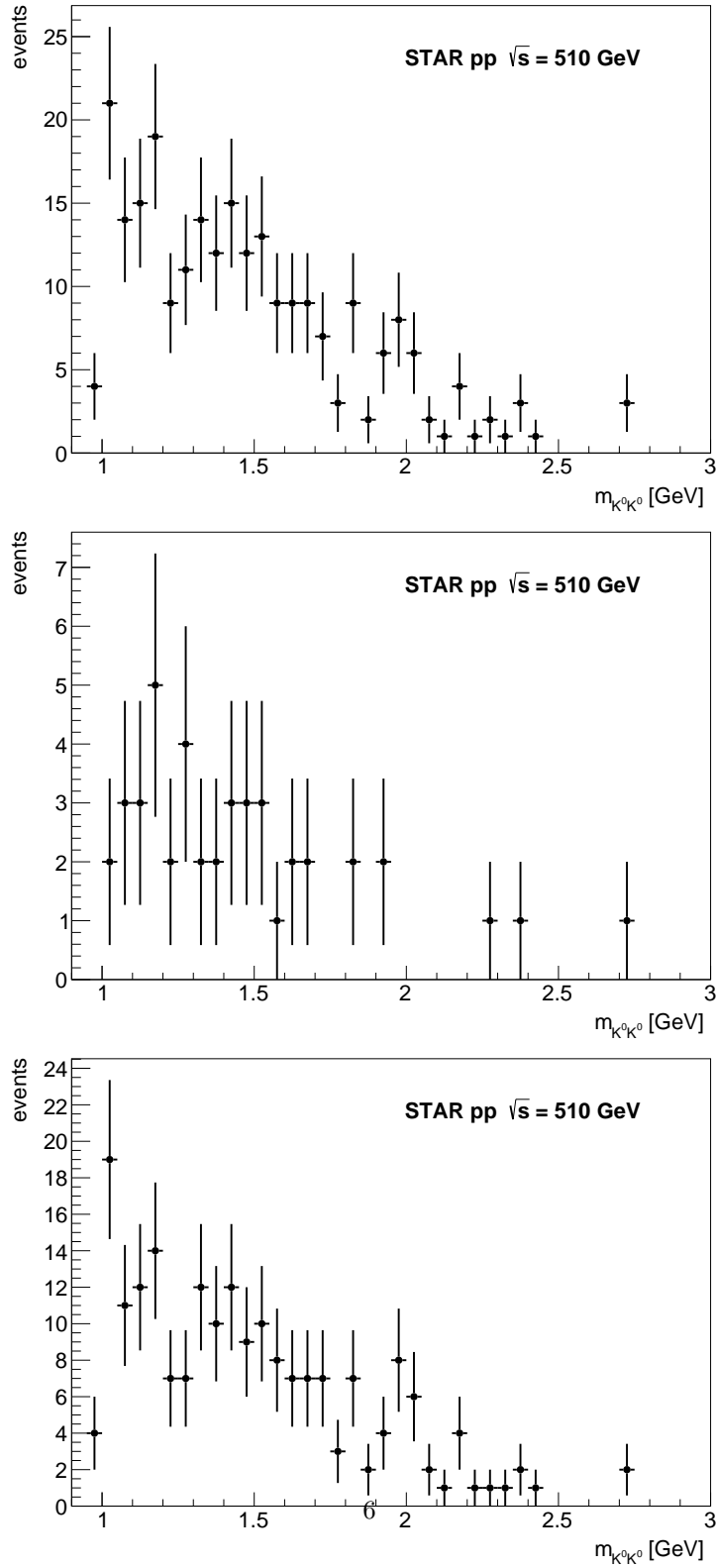


Figure 5:  $K^0K^0$  mass, CUTS:  $p_T^{miss} < 0.15$  GeV and  $N_{cluster} \leq 9$ ,  $DCA < 1.5$  cm,  $d_{K^0K^0} < 0.3$  cm, narrow mass window

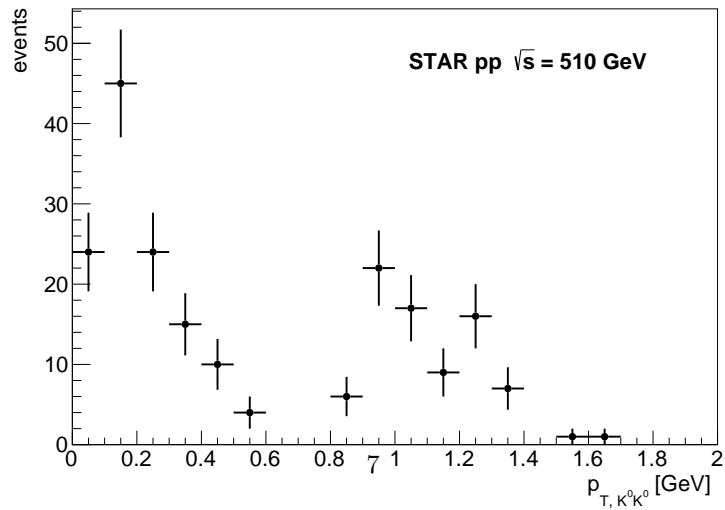
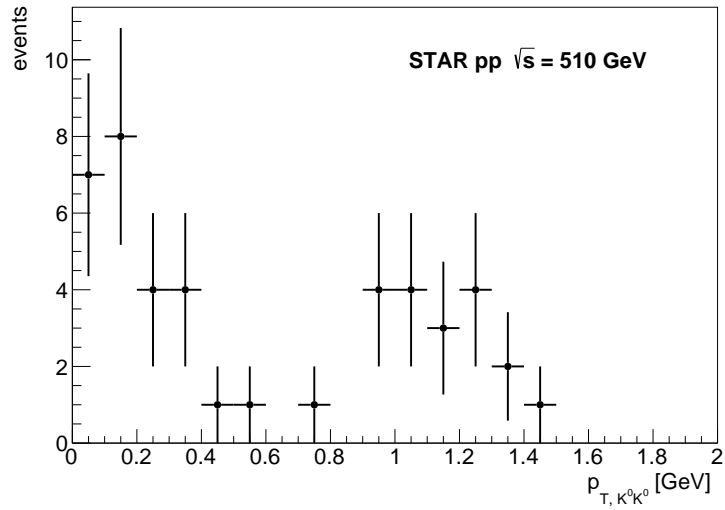
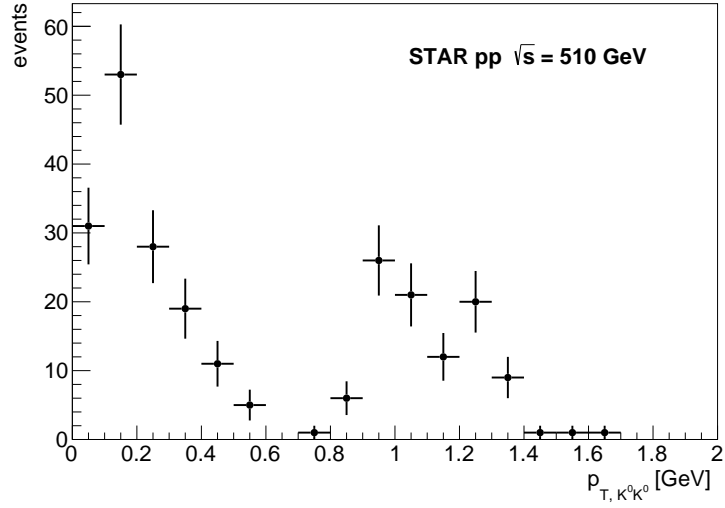


Figure 6:  $K^0\bar{K}^0$   $p_T$ , CUTS:  $p_T^{miss} < 0.15$  GeV and  $N_{cluster} \leq 9$ ,  $DCA < 1.5$  cm,  $d_{K^0\bar{K}^0} < 0.3$  cm, narrow mass window

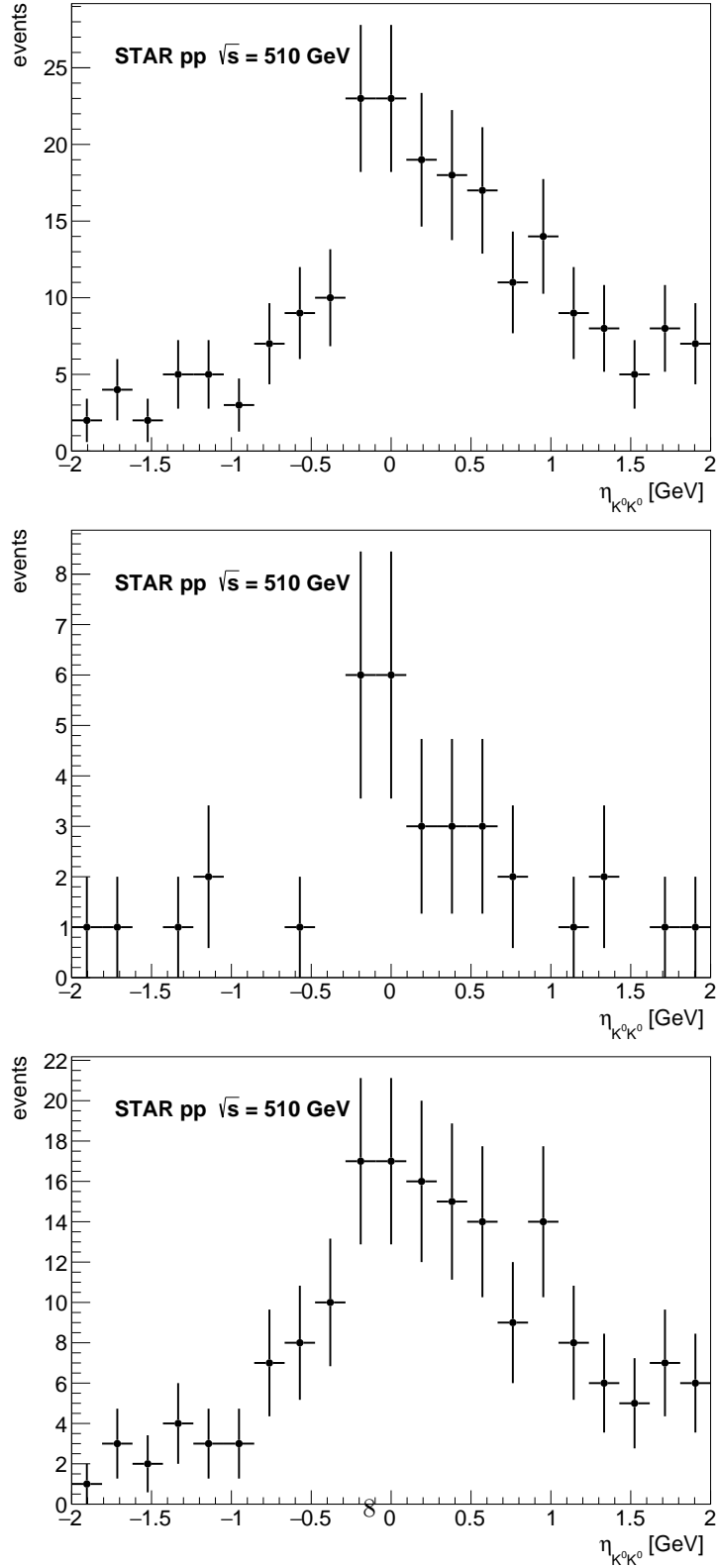


Figure 7:  $K^0K^0$   $\eta$ , CUTS:  $p_T^{miss} < 0.15$  GeV and  $N_{cluster} \leq 9$ ,  $DCA < 1.5$  cm,  $d_{K^0K^0} < 0.3$  cm, narrow mass window



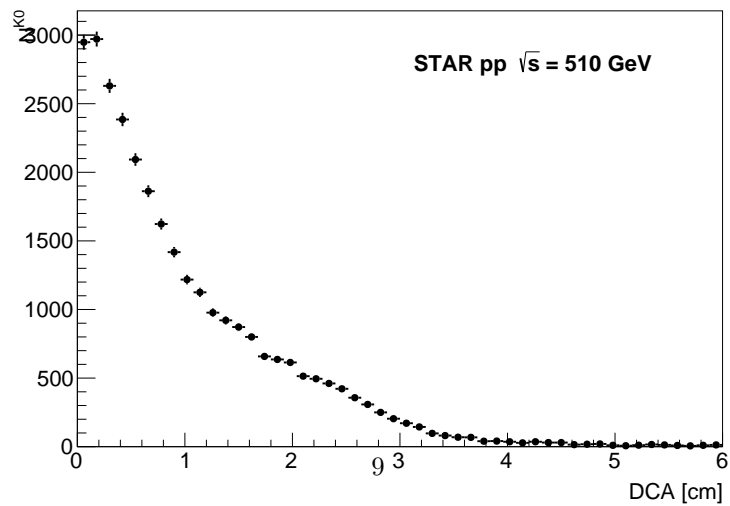
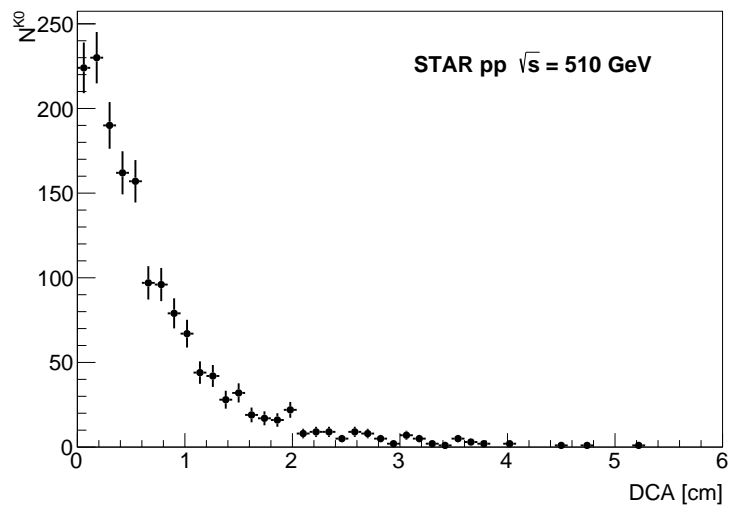
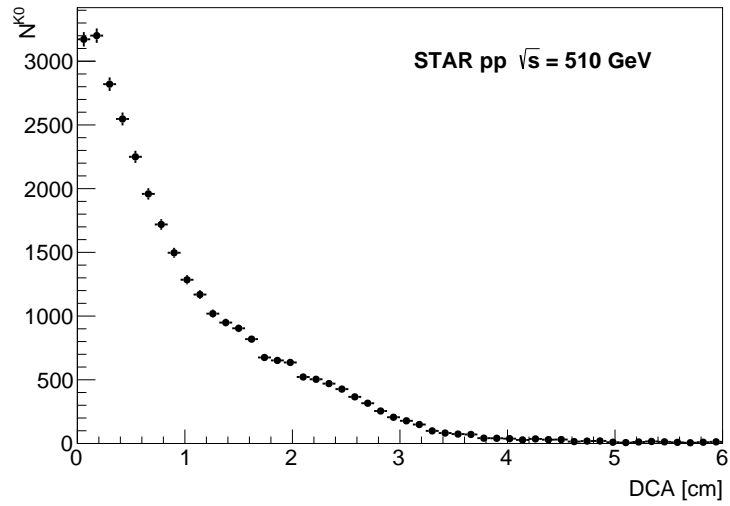


Figure 8: DCA, CUTS: narrow mass window

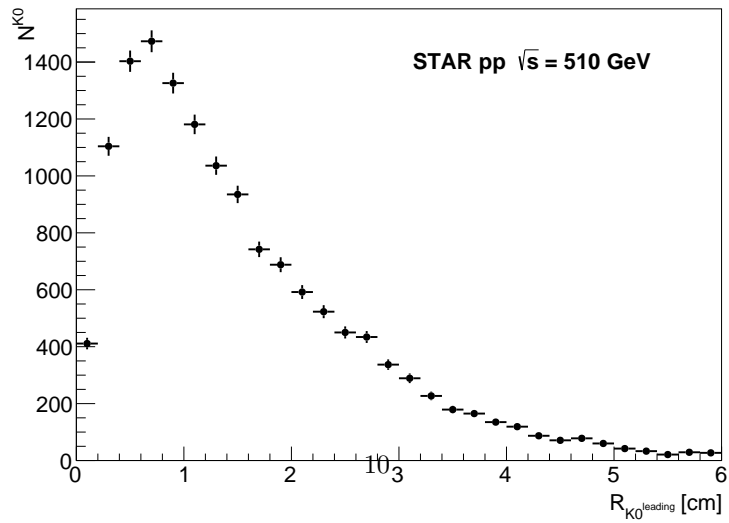
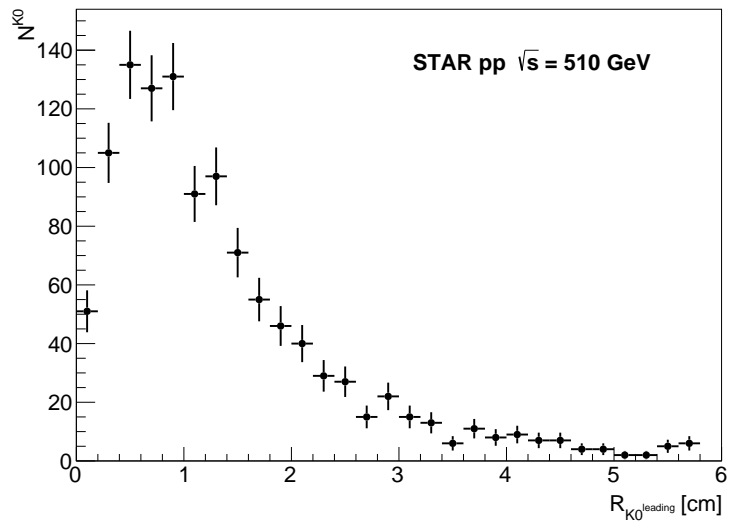
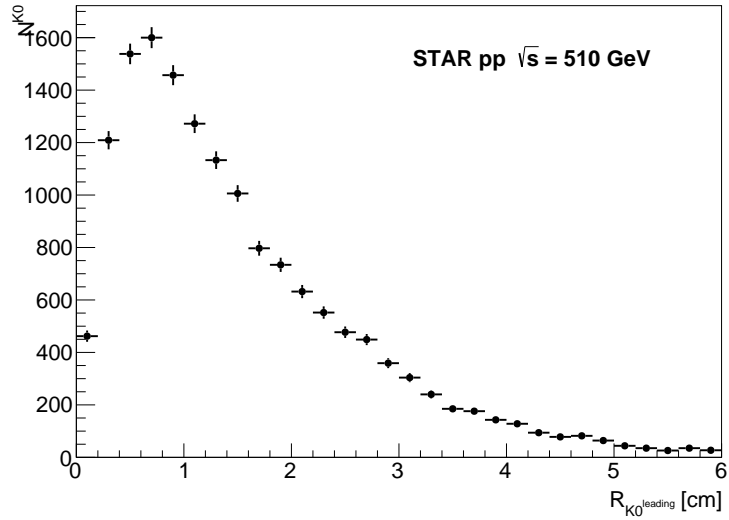


Figure 9: R, CUTS: narrow mass window,  $DCA < 1.5$  cm,  $d_{K^0 K^0} < 0.3$  cm