1 Correlation Functions

General remarks about formaton of correlation functions and what information they provide.

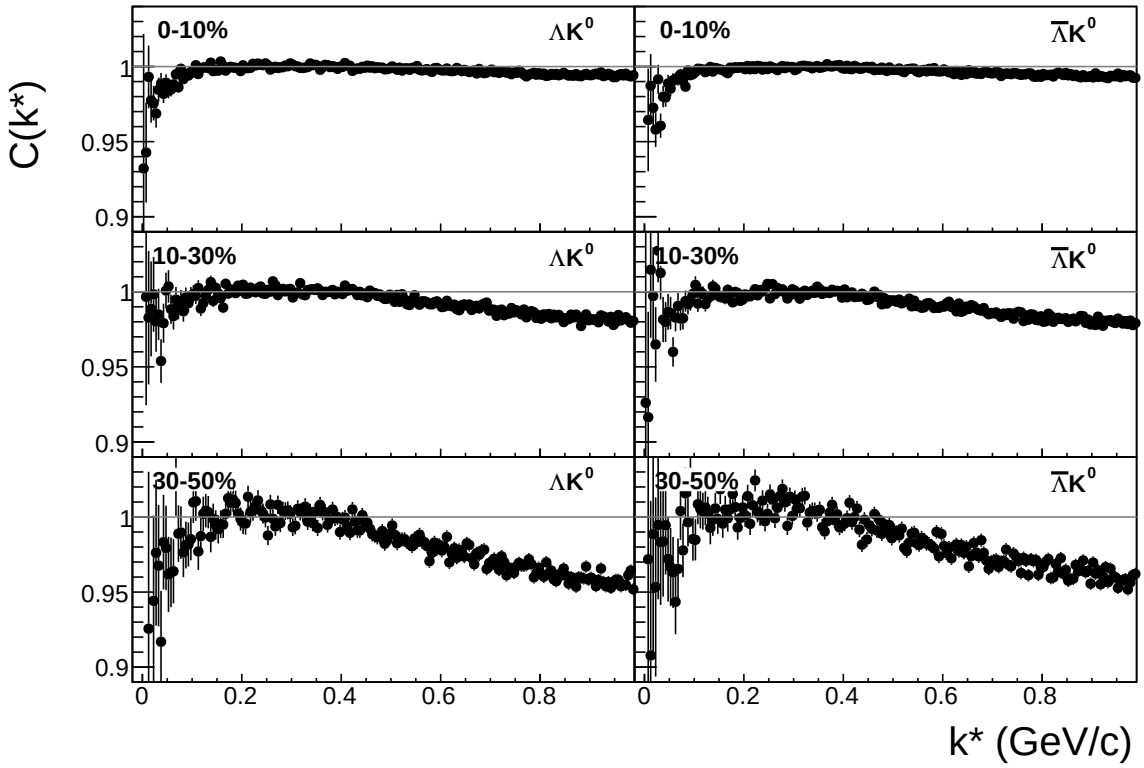

Fig. 1: ΛK^0_S (left) and $\bar{\Lambda} K^0_S$ (right) correlation functions for 0-10% (top), 10-30%(middle), and 30-50%(bottom) centralities.

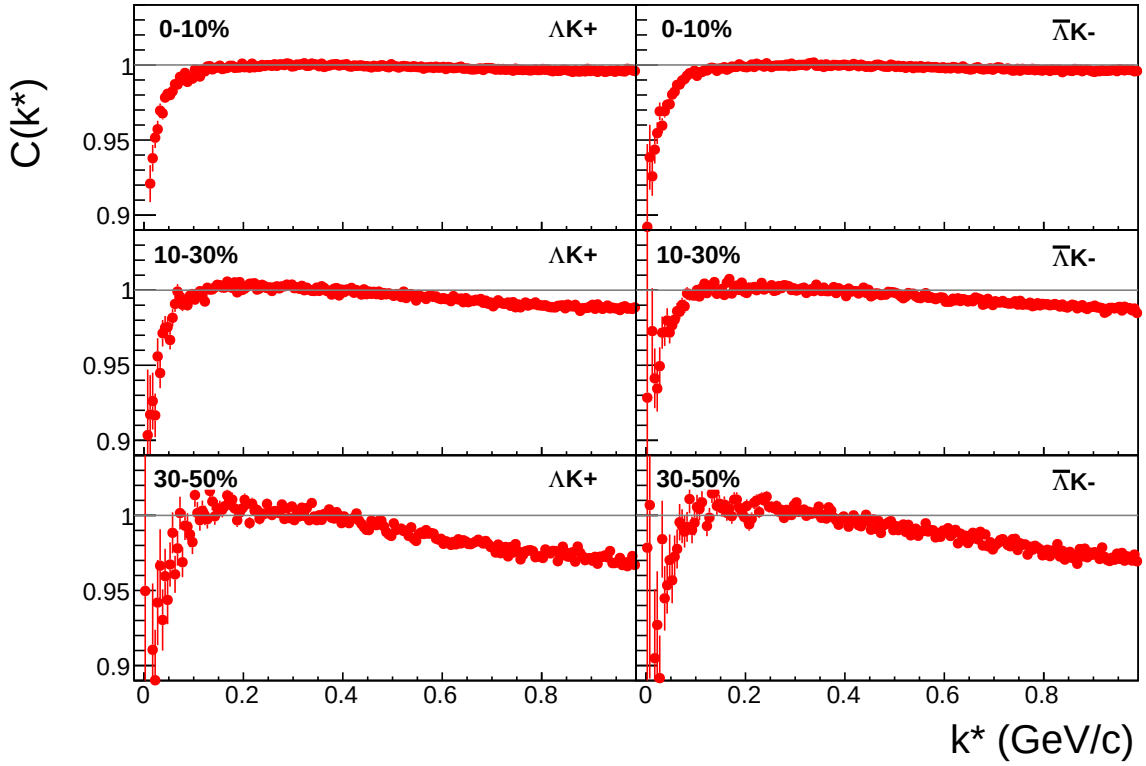

Fig. 2: ΛK^+ (left) and $\bar{\Lambda} K^-$ (right) correlation functions for 0-10% (top), 10-30%(middle), and 30-50%(bottom) centralities.

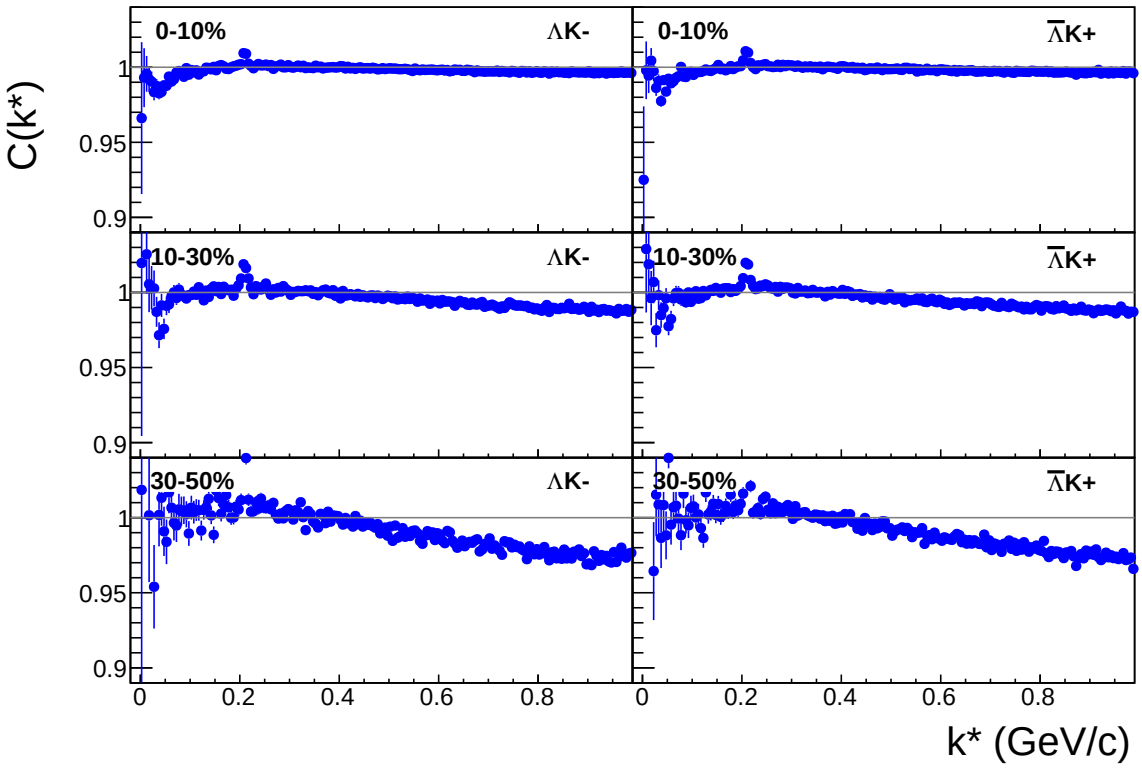

Fig. 3: ΛK^- (left) and $\bar{\Lambda} K^+$ (right) correlation functions for 0-10% (top), 10-30%(middle), and 30-50%(bottom) centralities. The peak at k* $\approx$ 0.2 GeV/c is due to the Ω^- resonance.

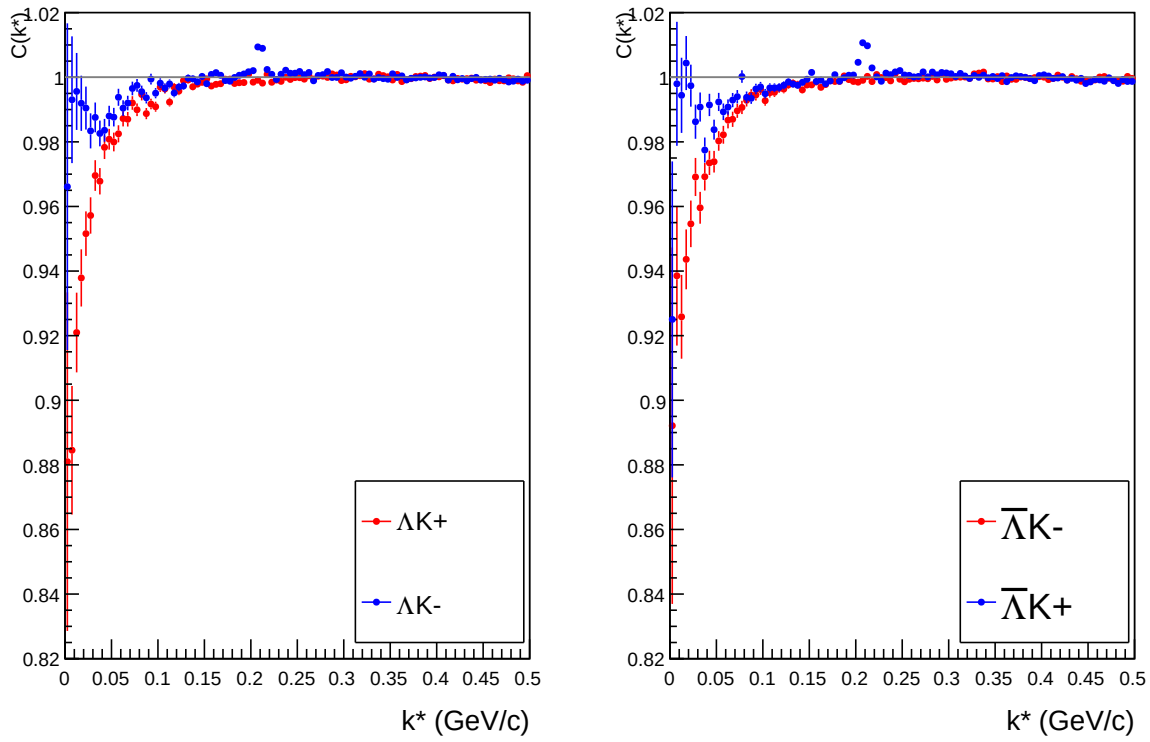

Fig. 4: Correlation Functions: ΛK^+ vs ΛK^- ($\bar{\Lambda} K^+$ vs $\bar{\Lambda} K^-$) for 0-10% centrality. The peak in ΛK^-($\bar{\Lambda} K^+$) at k* $\approx$ 0.2 GeV/c is due to the Ω^- resonance.