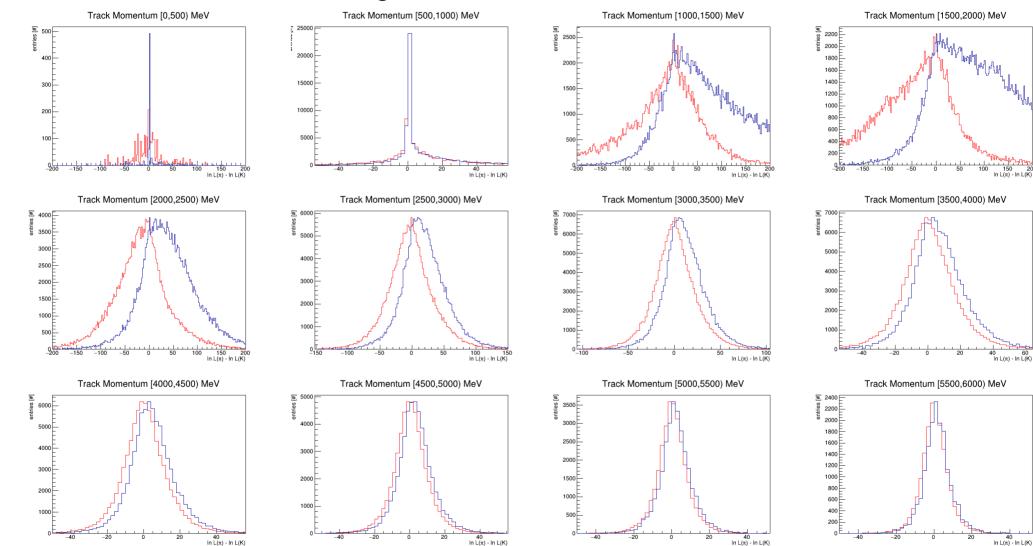
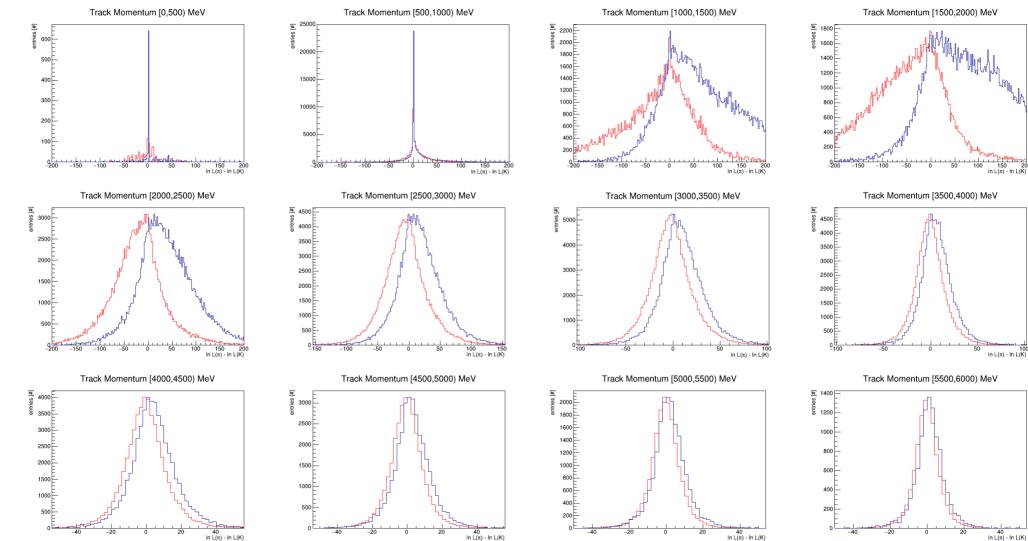
First looks at DIRC PID likelihood in the $K^+K^-\pi^+\pi^-p$ final state

11/23/2020

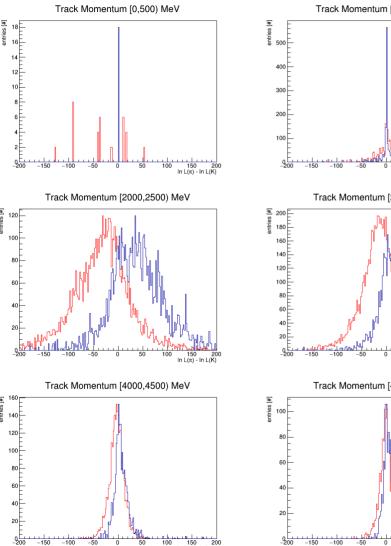
Negative tracks in K+K- π + π -



Positive tracks in K+K- π + π -



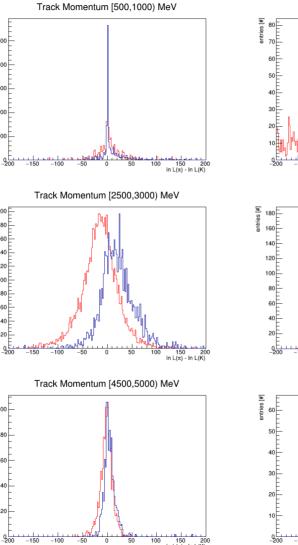
Negative tracks in K+K- π + π -, 1.01 < M(KK) < 1.03

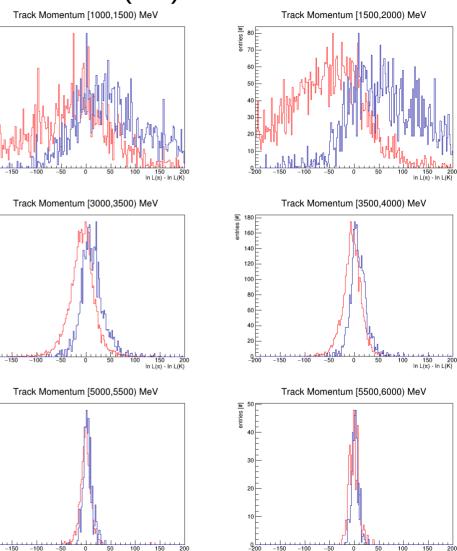


-150

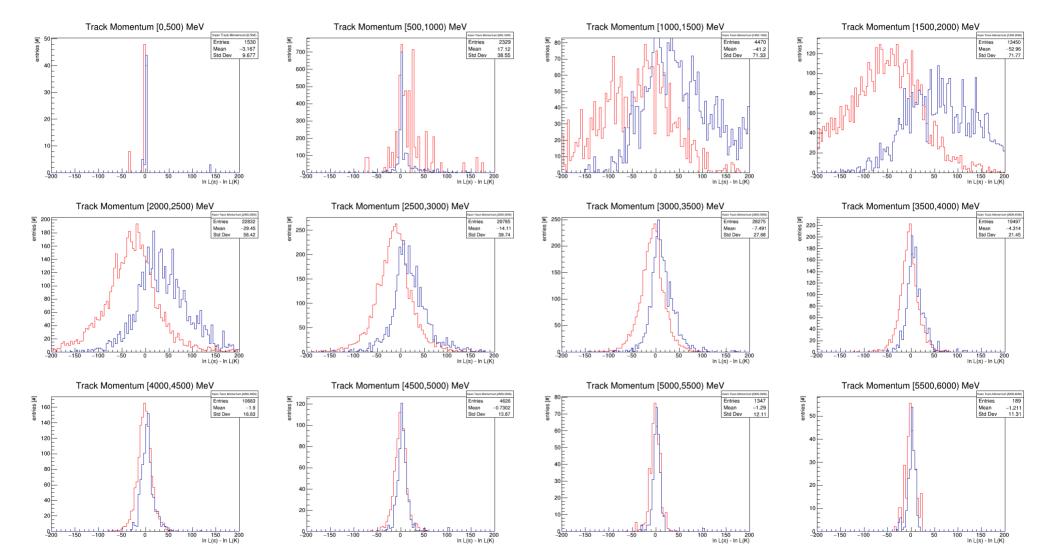
0

100 150

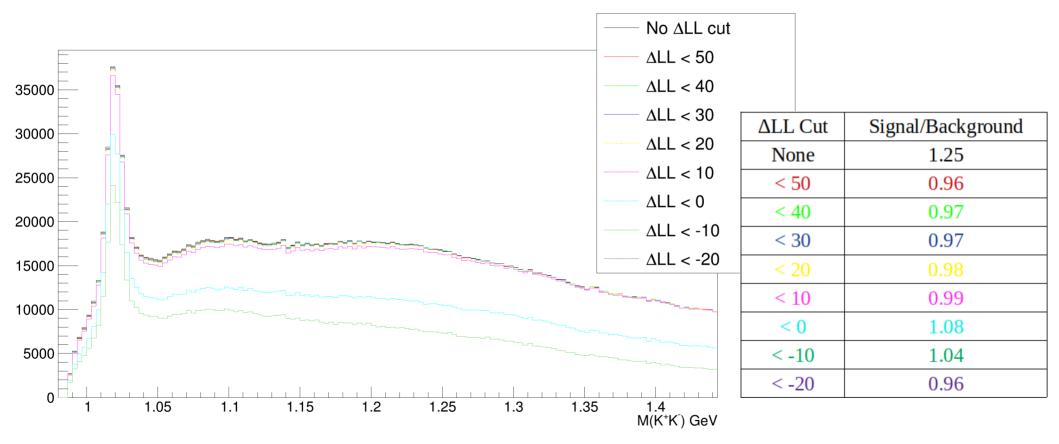




Positive tracks in K+K- π + π -



$\Delta LL = \ln L(pi) - \ln L(K)$ cuts on ϕ signal/background



Signal/background determined from a Gaussian+polynomial fit to the ϕ peak in the M(KK) distribution