

$d(K^-, n)'' X''$ Analysis

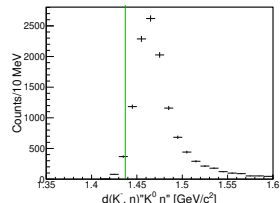
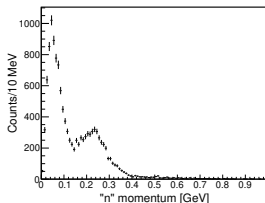
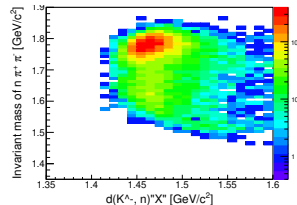
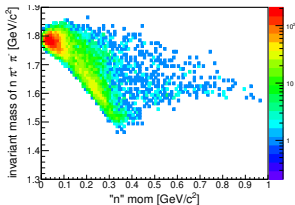
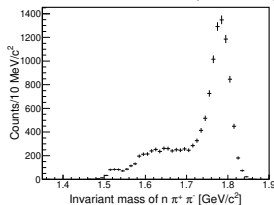
現在の状態

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K^0 reaction plots

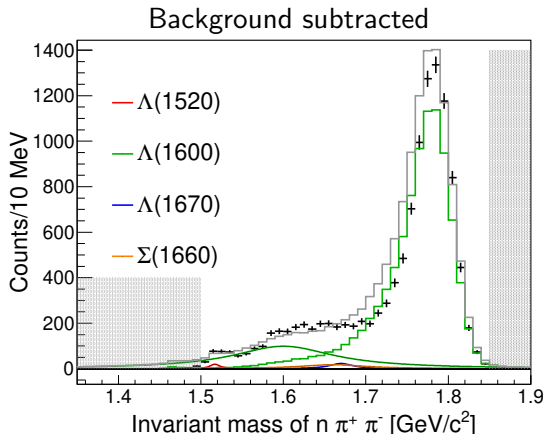
2-step like events were observed in IM of nK^0 and " n " momentum.
 $d(K^-, n)'' K^0 n''$ looked like 1-step reaction.



Invariant mass of nK^0 Fitting Demonstration

Quasi-elastic scattering was about 80 %.

There were Y^* having widely width in $1.6[\text{GeV}/c^2]$ region. $\sim 20\%$
 $\Lambda(1520)$ was observed $< 1\%$ The other contributed at a few %.

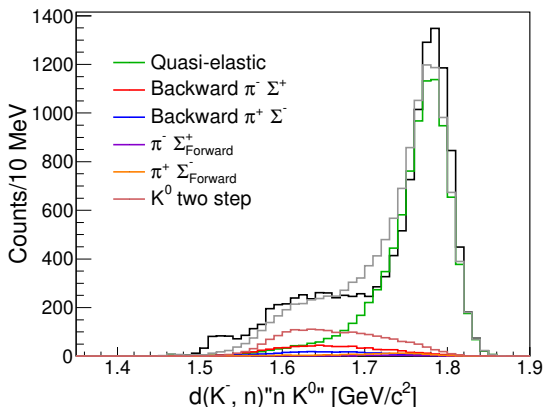


2-step reaction Demonstration

w/o $\Lambda(1520)$

$\pi^\mp \Sigma^\pm$ were fixed at template fitting result.

フェルミ運動量分布があっていない？



To do

- $\cos_{\pi\Sigma}$ vs'' n'' momentum