

$d(K^-, N)\pi Y$ Analysis

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- Set Cross Section List for $K^- d \rightarrow n\Lambda(1405)$
- Above n scattered angle controled forward angle.
 $\rightarrow \Lambda(1405) = \pi\Sigma$ was generated backward.
- Line shape (Kpp) was adopted on $\Lambda(1405)$ shape.

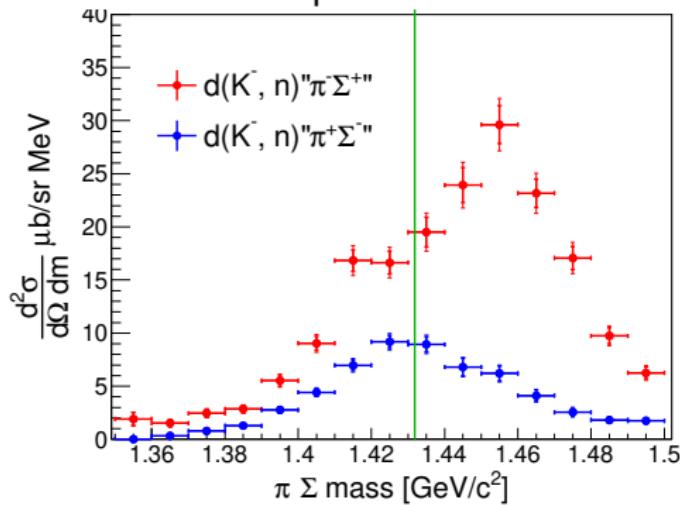
\rightarrow Evidence figure of correctly adaptation.

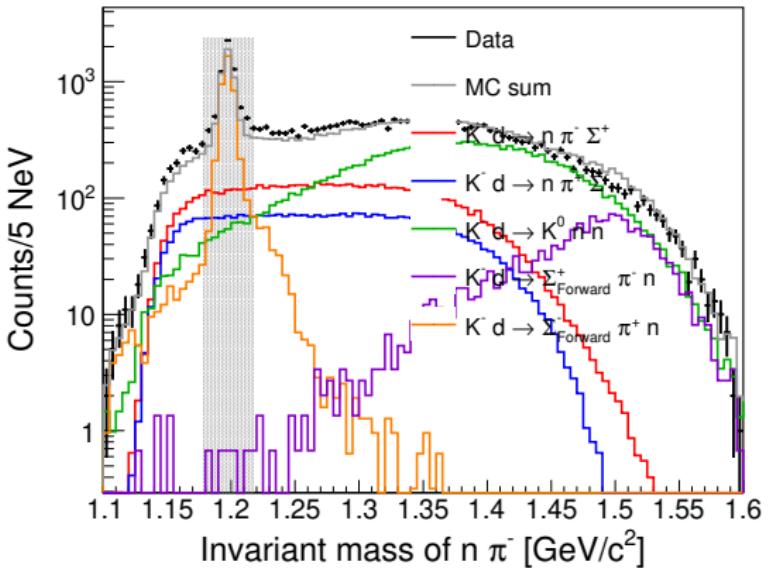
Raw Spectra

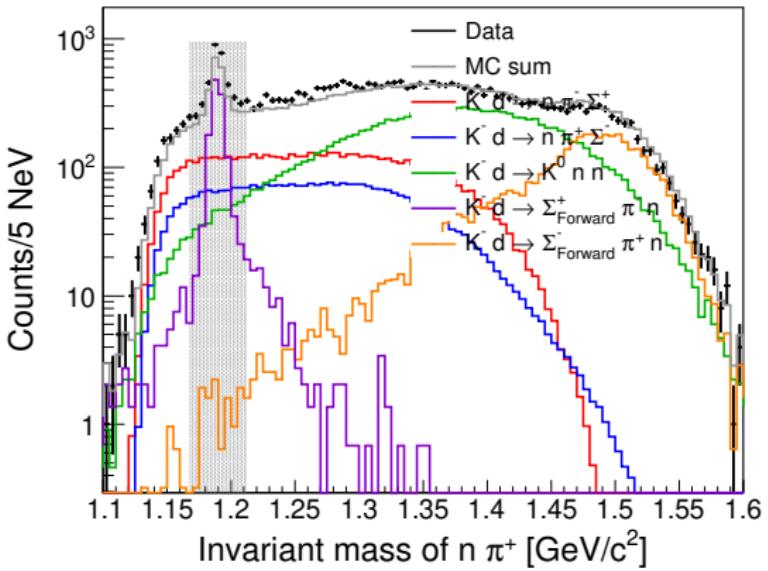
You should control decay mode.

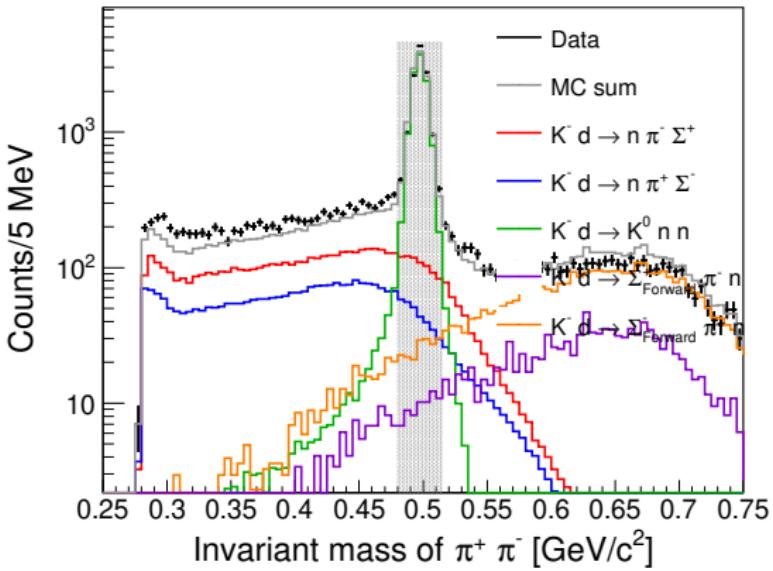
You should control initial n angular dist ($\theta_n < 8\text{degree}$)

You should control $\pi^+\Sigma^-$ mass spectrum.









Will two problem be mixed ?
Is truly use same data sets ?

data

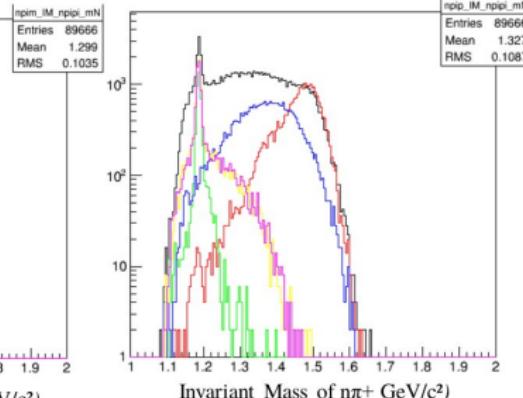
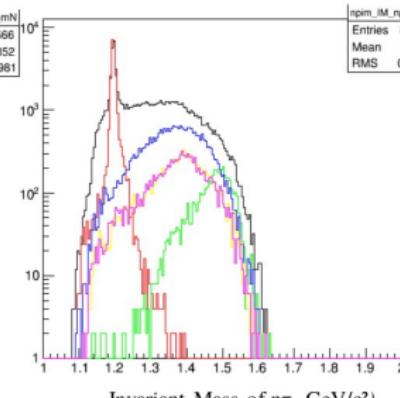
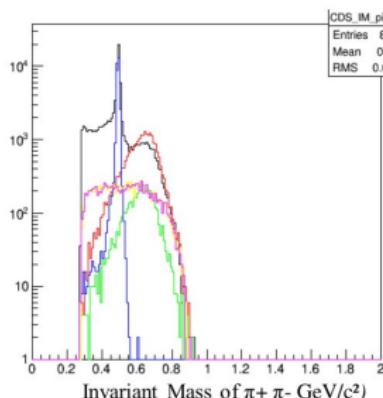
Σ - forward

Σ^+ forward

K^0

Σ^- backward

Σ^+ backward



Isotropically mass dist ?

Phase space ?