

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

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

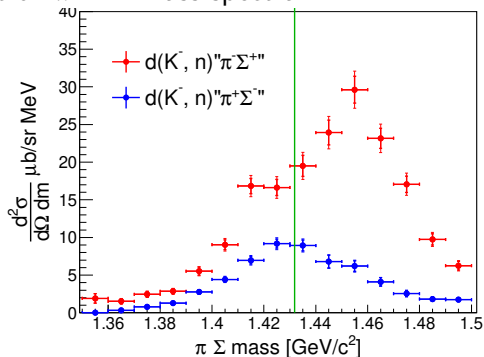
→ Evidence figure of correctly adaptation.

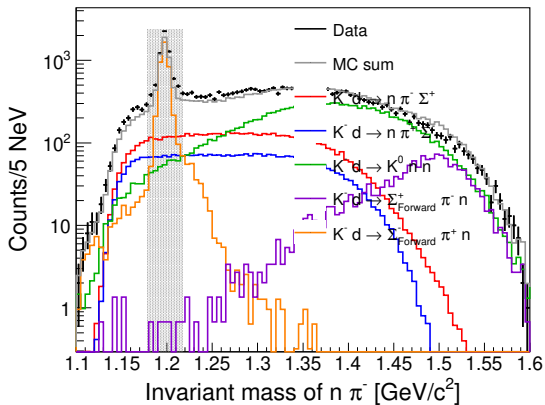
# Raw Spectra

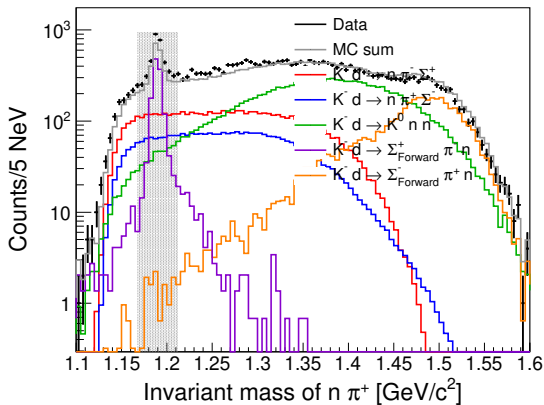
You should control decay mode.

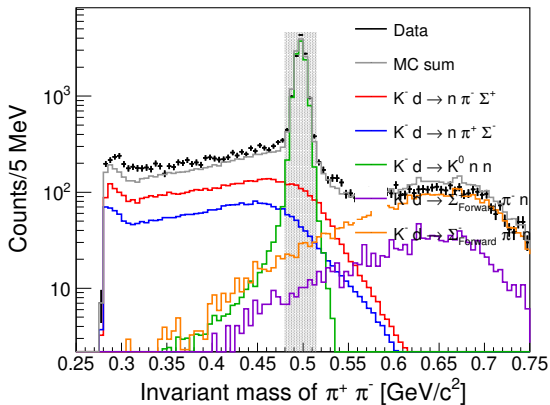
You should control initial  $n$  angular dist ( $\theta_n < 8\text{degree}$ )

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



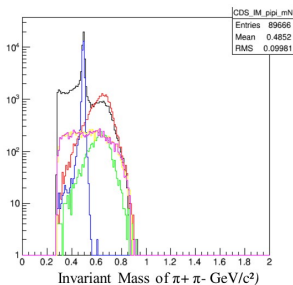




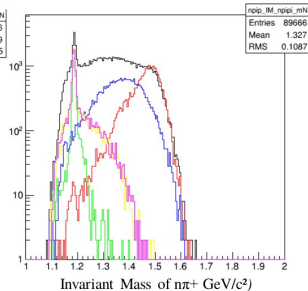
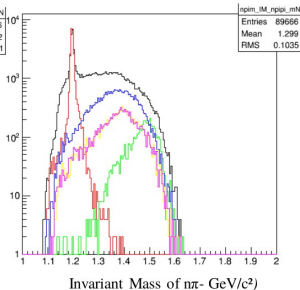


Will two problem be mixed ?  
Is truly use same data sets ?

data  
 $\Sigma^-$  forward  
 $\Sigma^+$  forward  
 $K^0$   
 $\Sigma^-$  backward  
 $\Sigma^+$  backward



Isotropically mass dist ?



Phase space ?