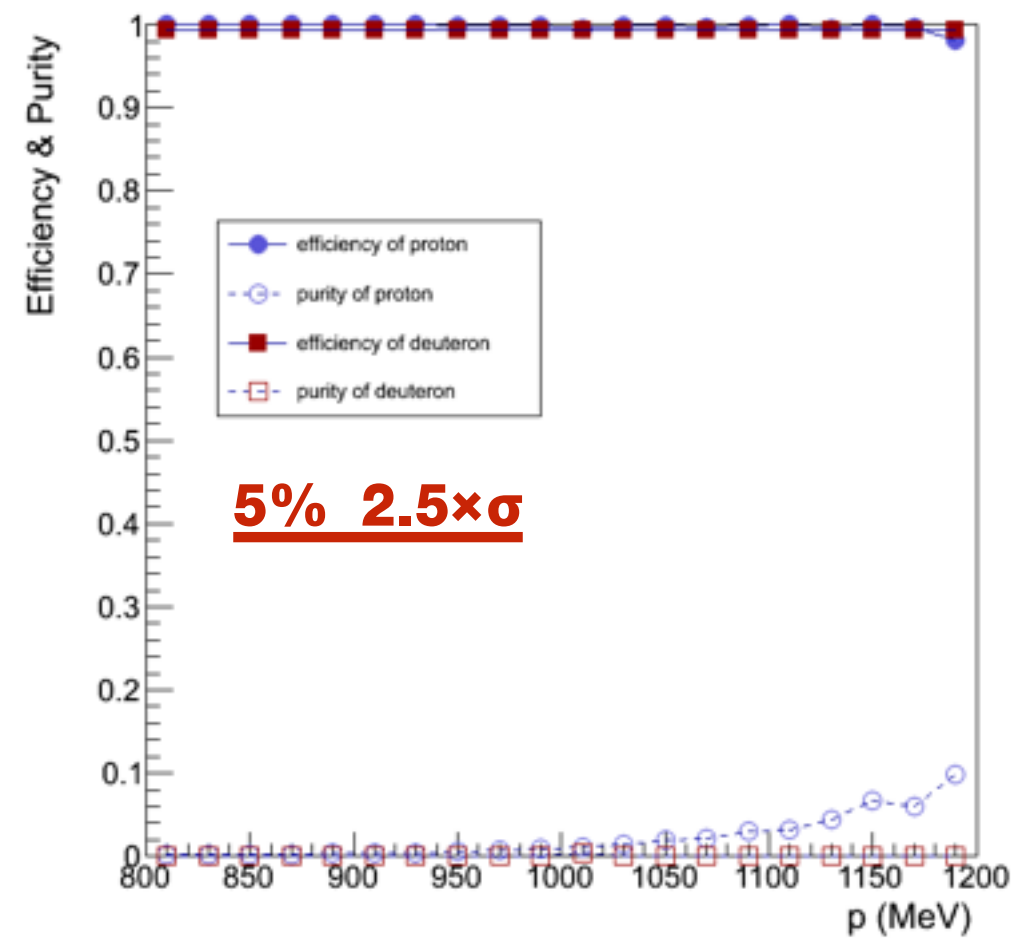
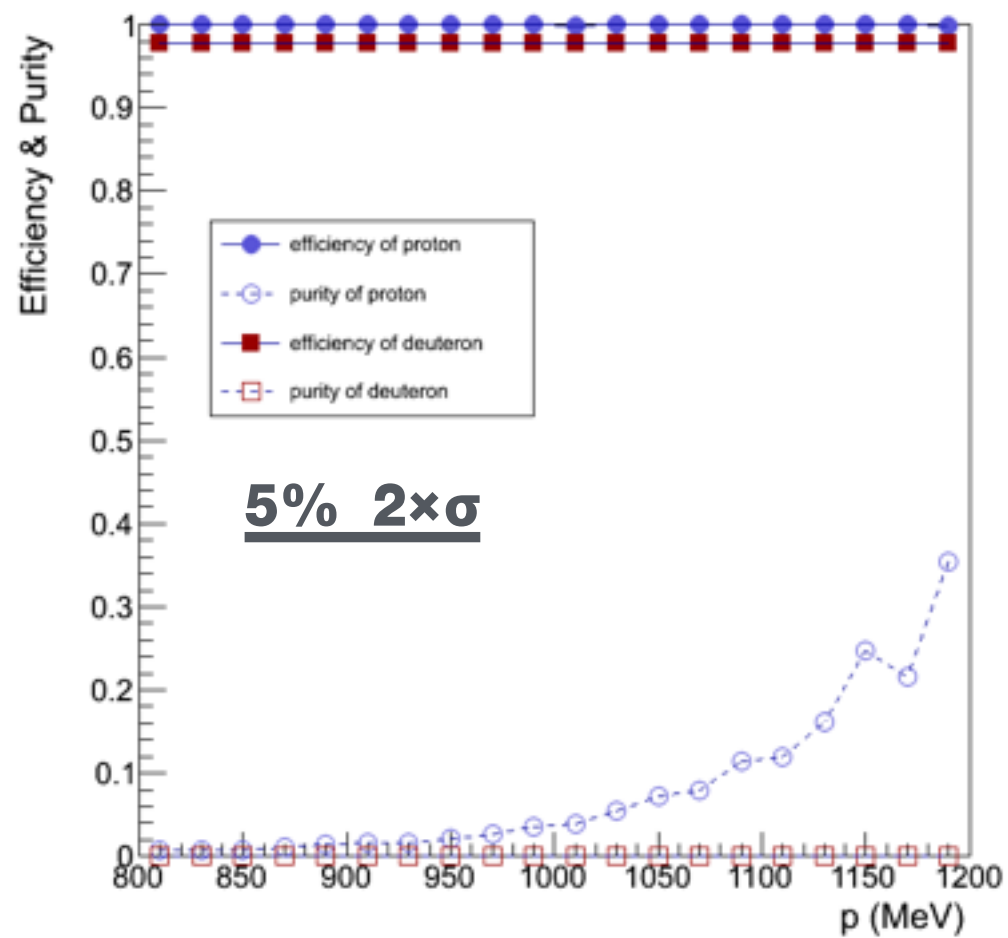
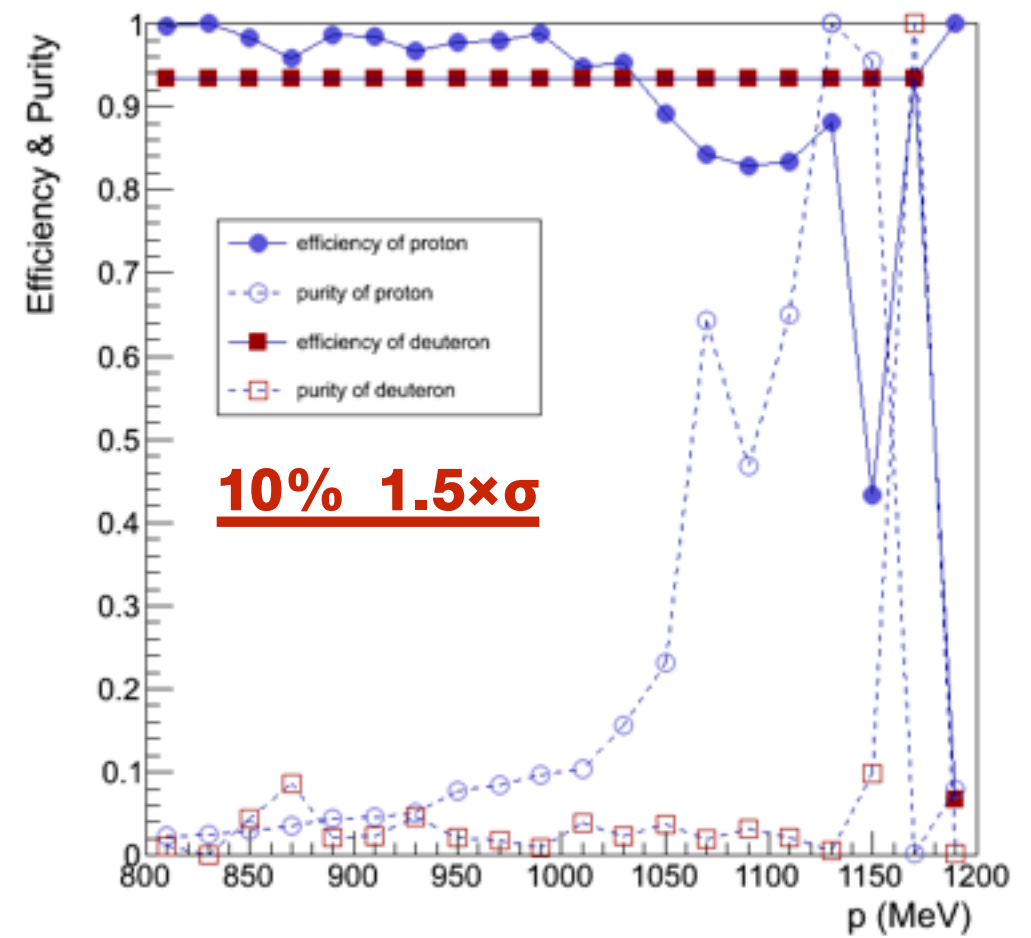
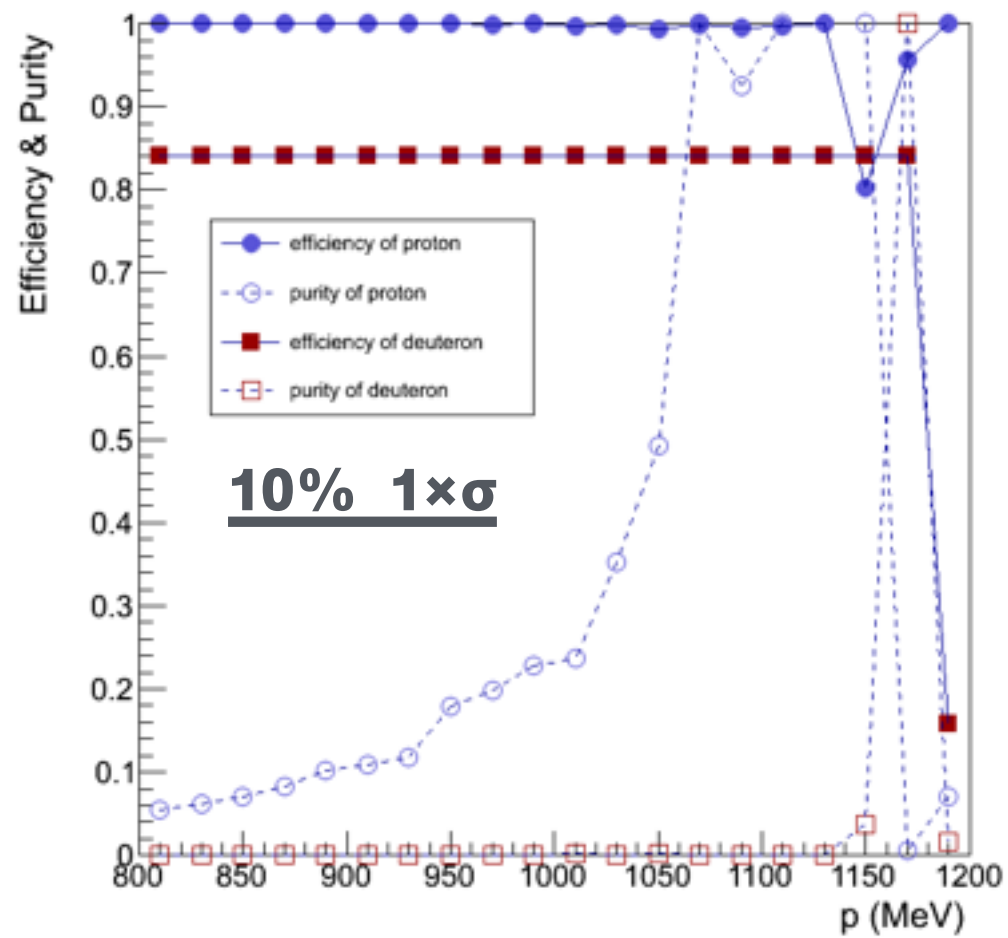
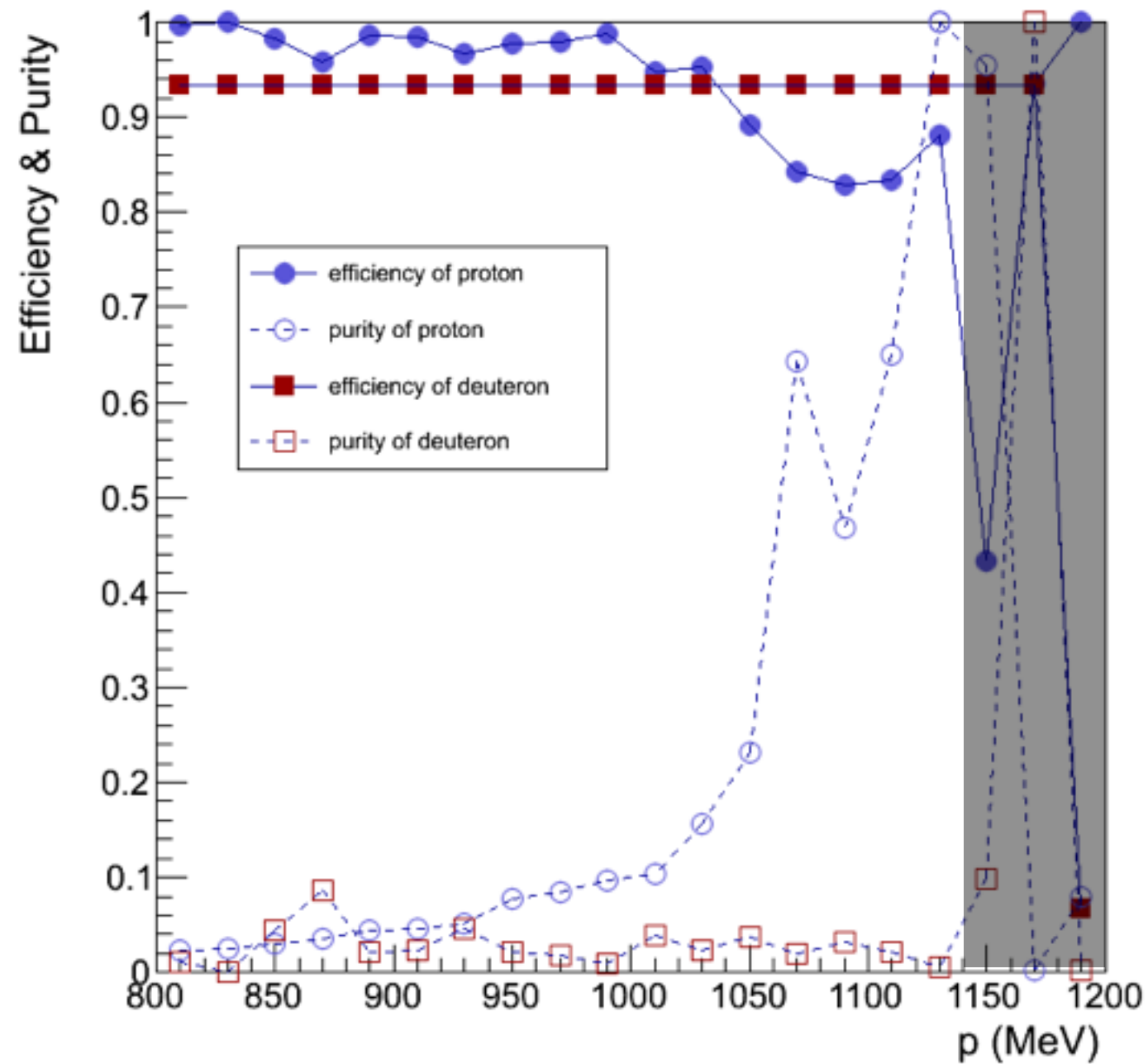


- Efficiency = ② / ①
- Purity = ③ / ②



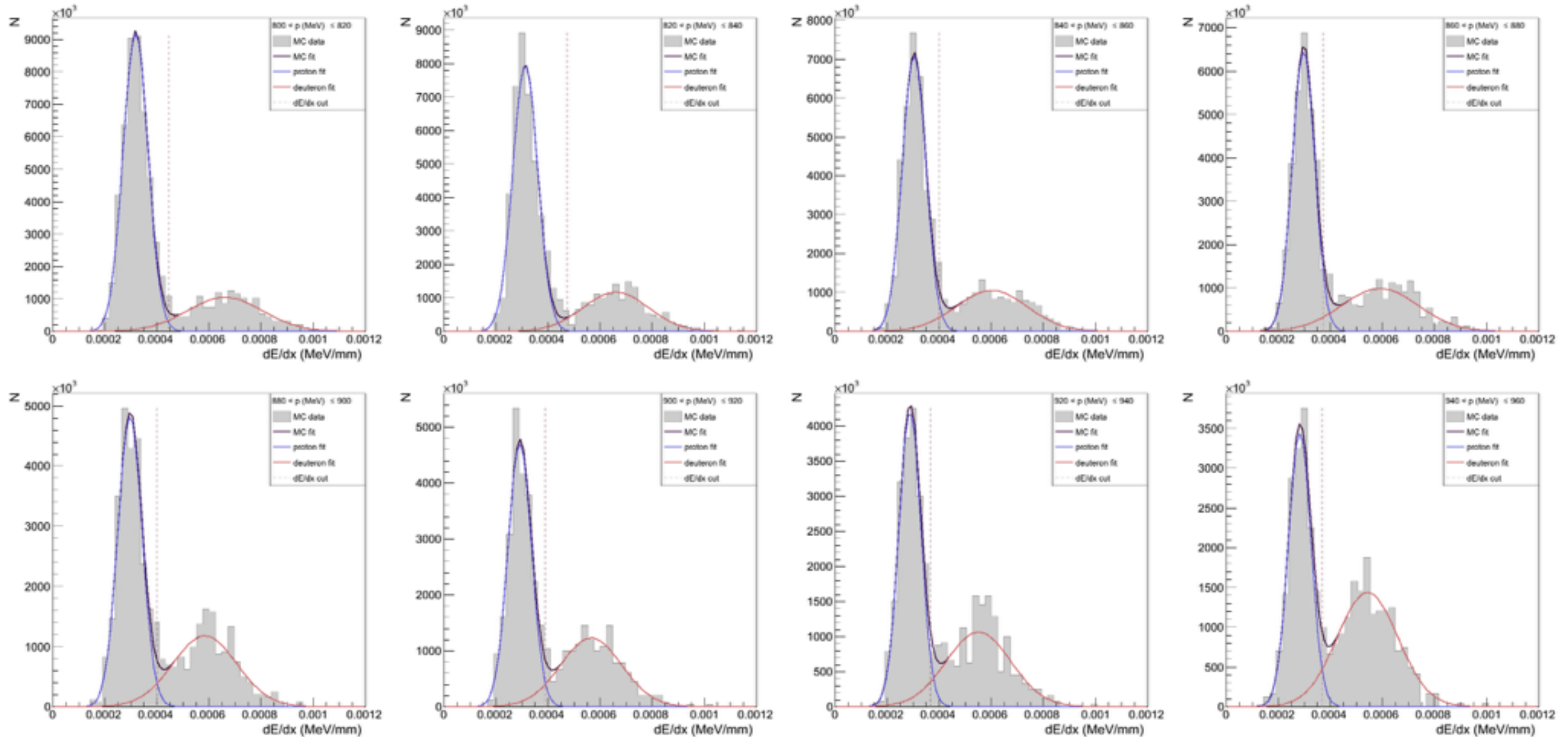
# Efficiency and Purity

dE/dx resolution : 10 % | p resolution : 10 % | dE/dx cut :  $\text{mean}_{\text{deuteron}} - 1.5\sigma$



# dE/dx Distribution

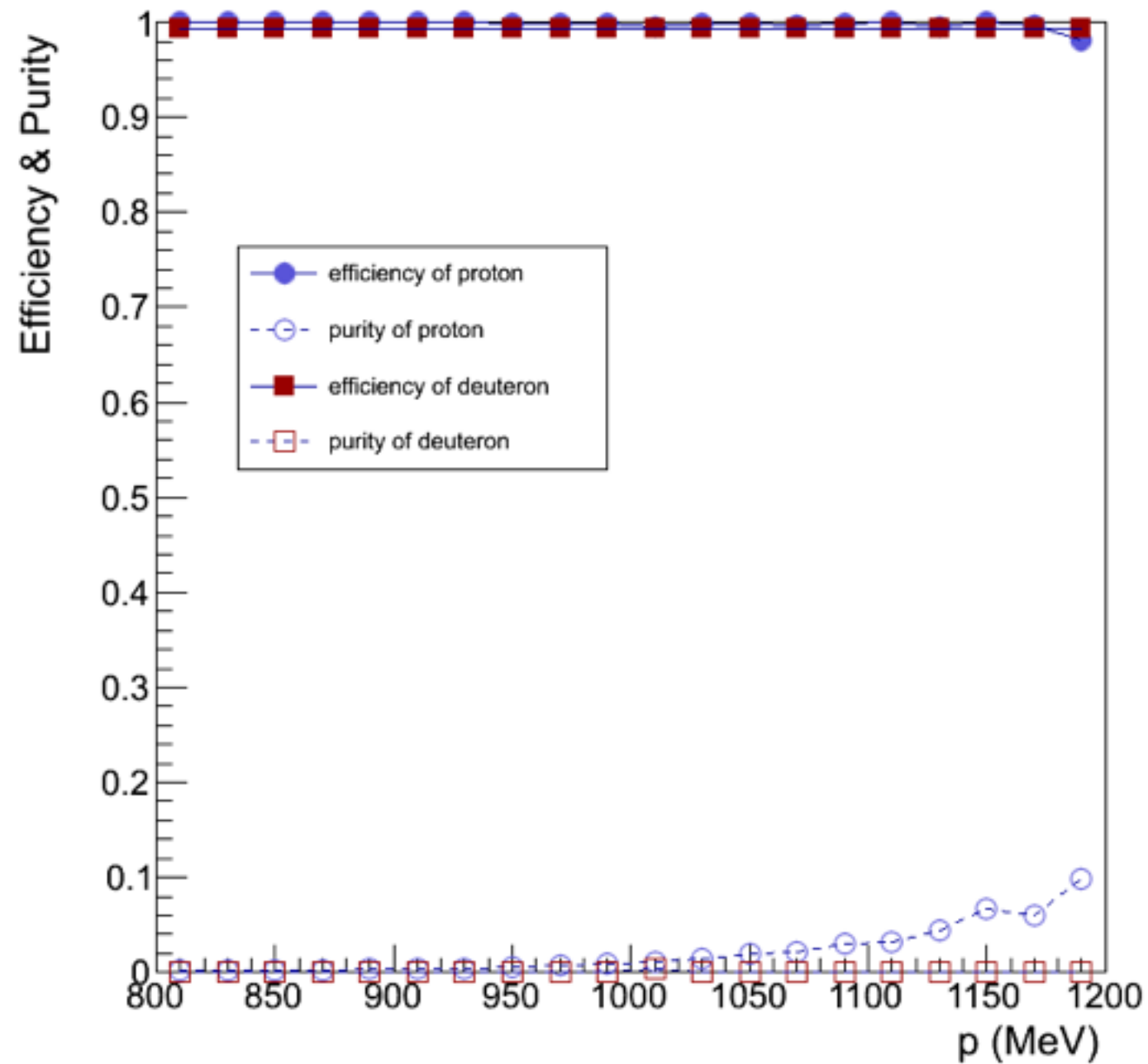
dE/dx resolution : 10 % | p resolution : 10 % | dE/dx cut :  $\text{mean}_{\text{deuteron}} - 1.5\sigma$





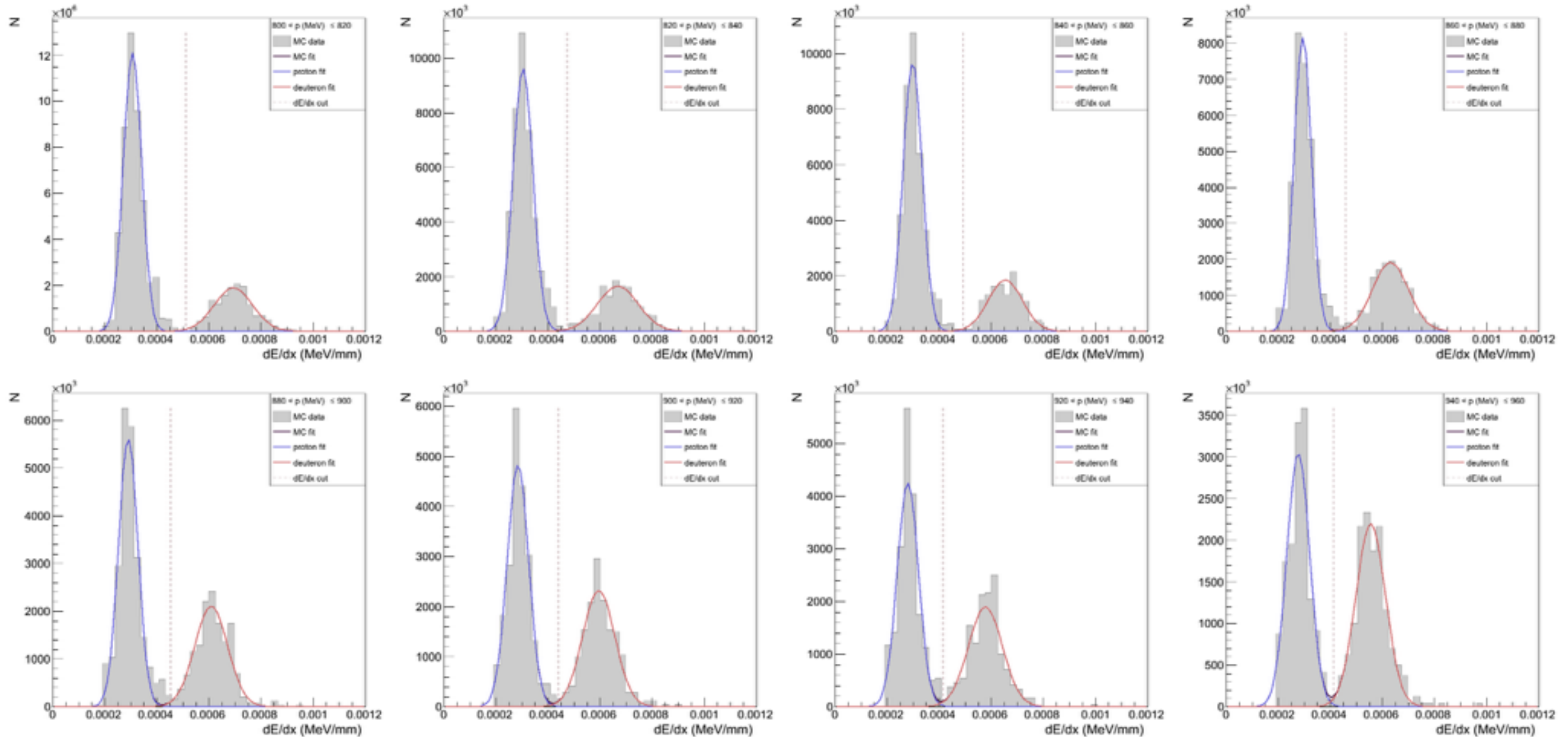
# Efficiency and Purity

dE/dx resolution : 5 % | p resolution : 5 % | dE/dx cut :  $\text{mean}_{\text{deuteron}} - 2.5\sigma$

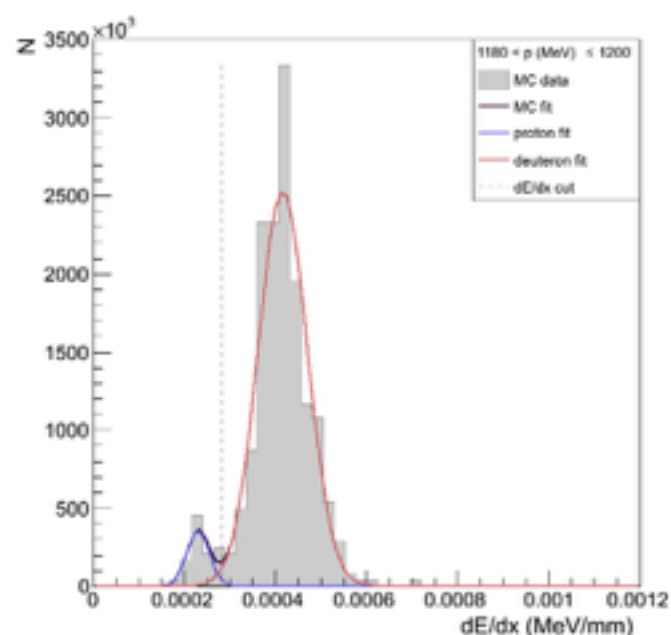
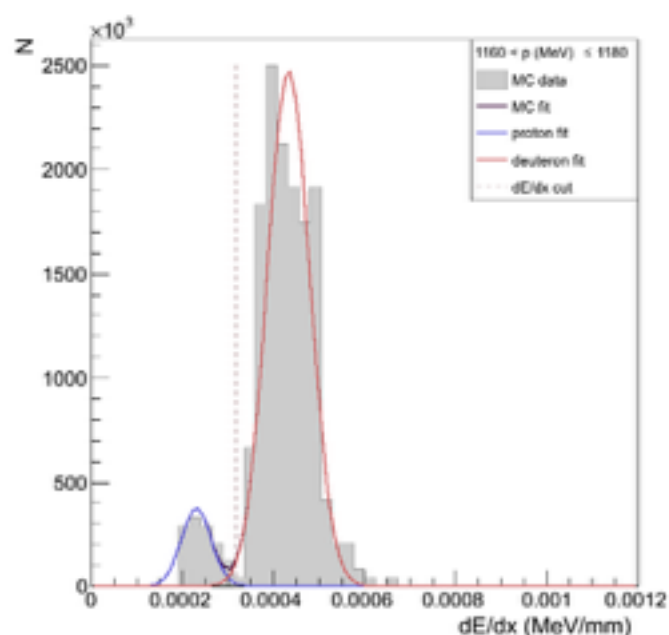
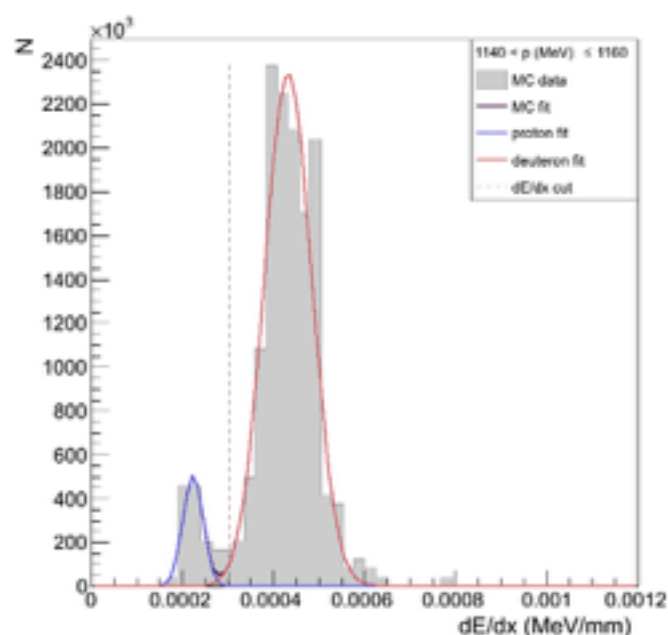
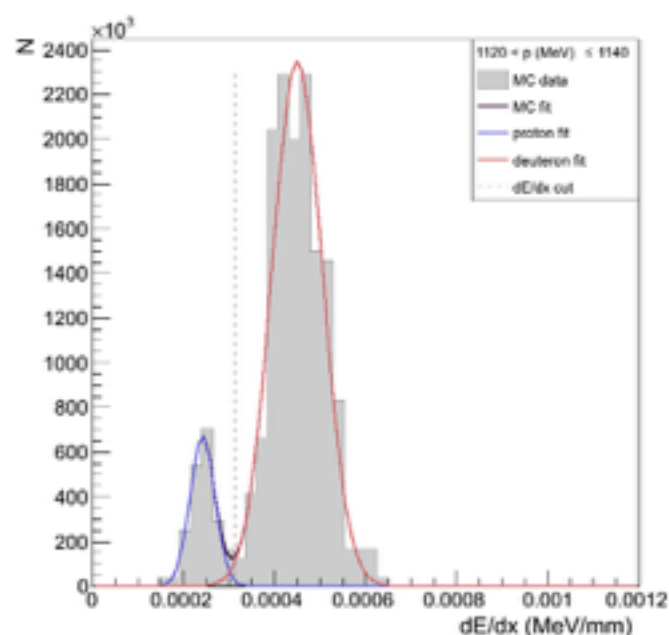
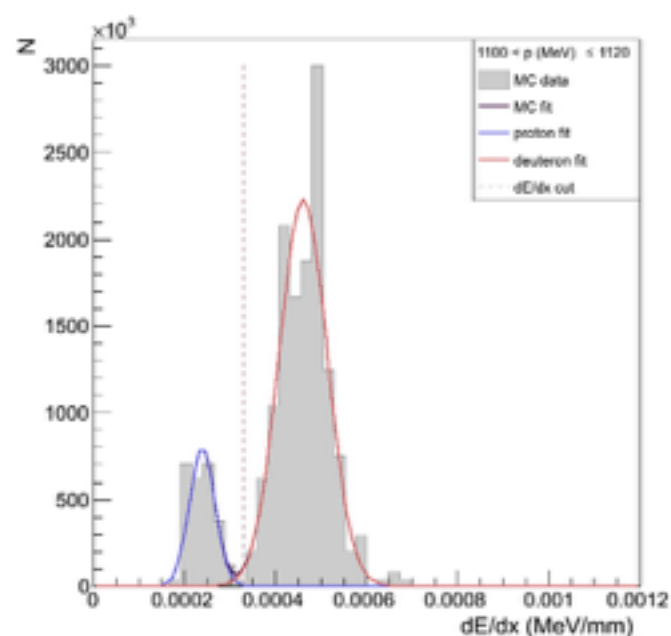
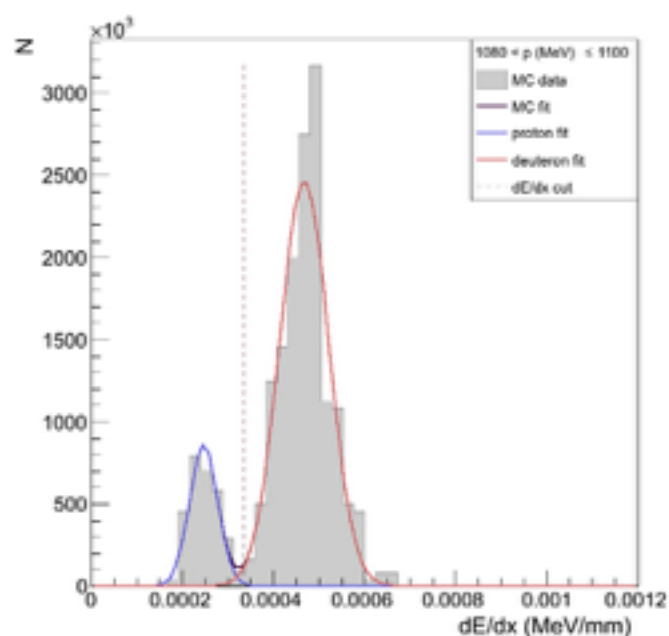
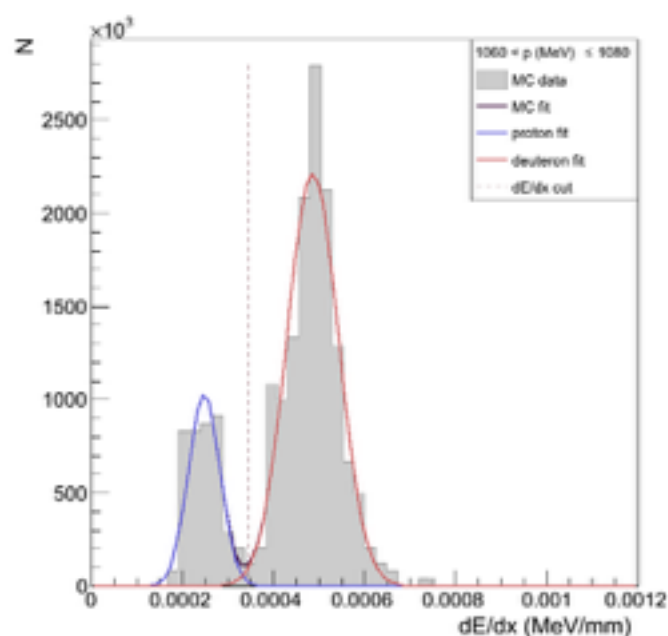
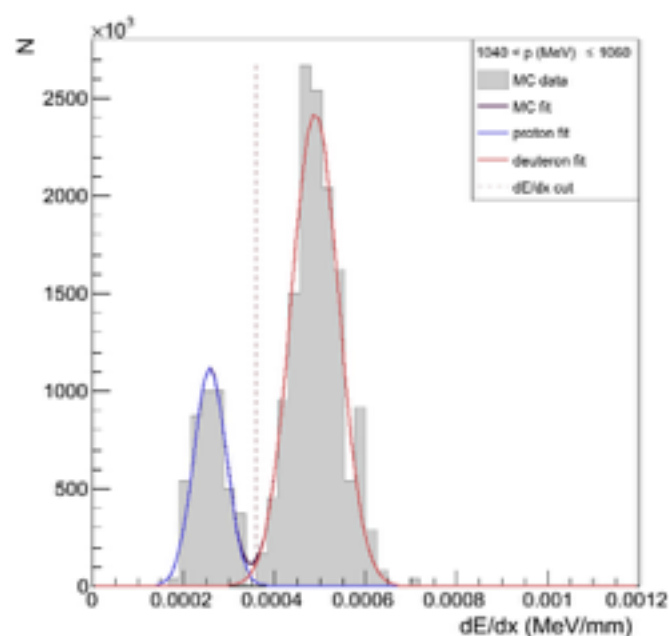
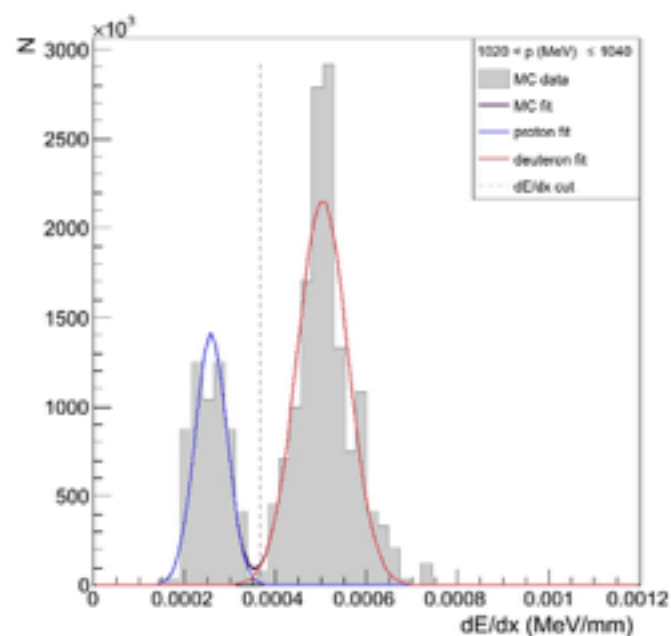
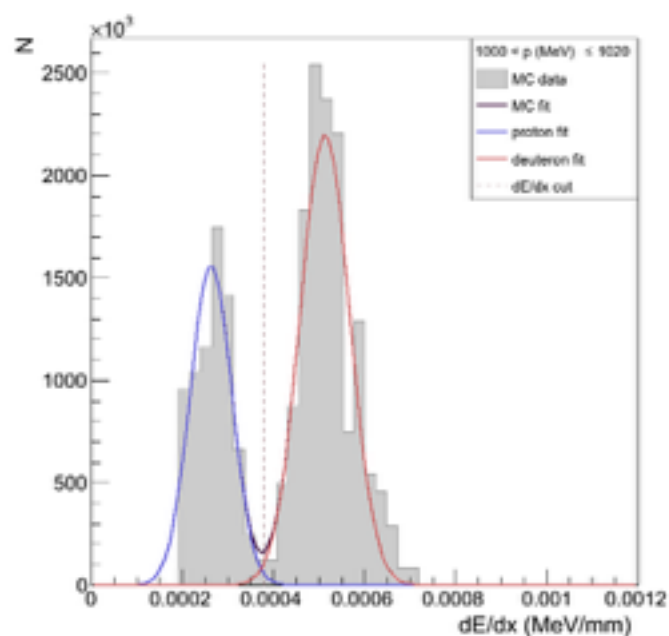
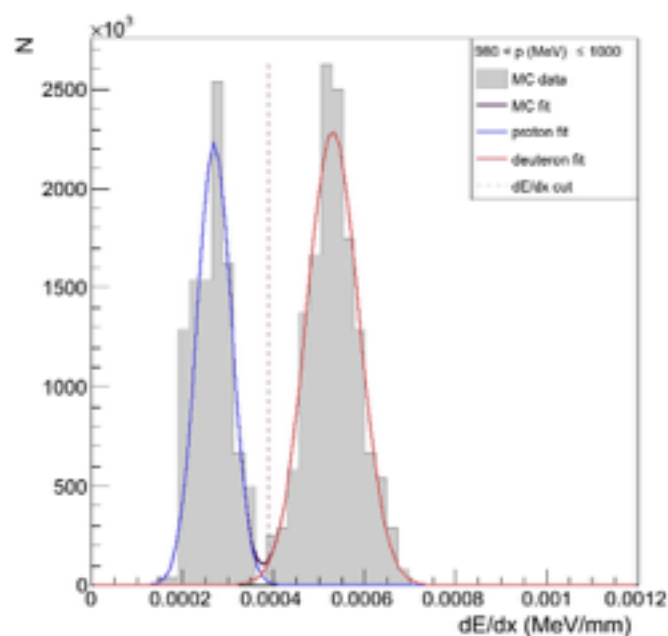
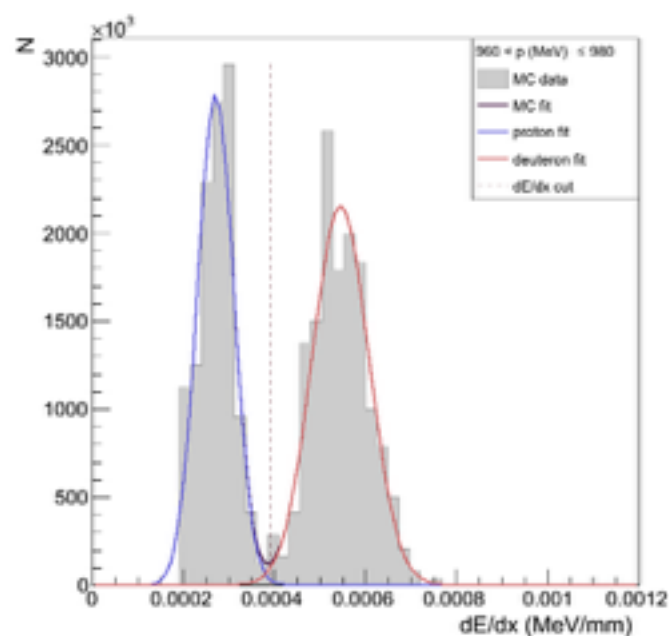


# dE/dx Distribution

dE/dx resolution : 5 % | p resolution : 5 % | dE/dx cut :  $\text{mean}_{\text{deuteron}} - 2.5 \times \sigma$







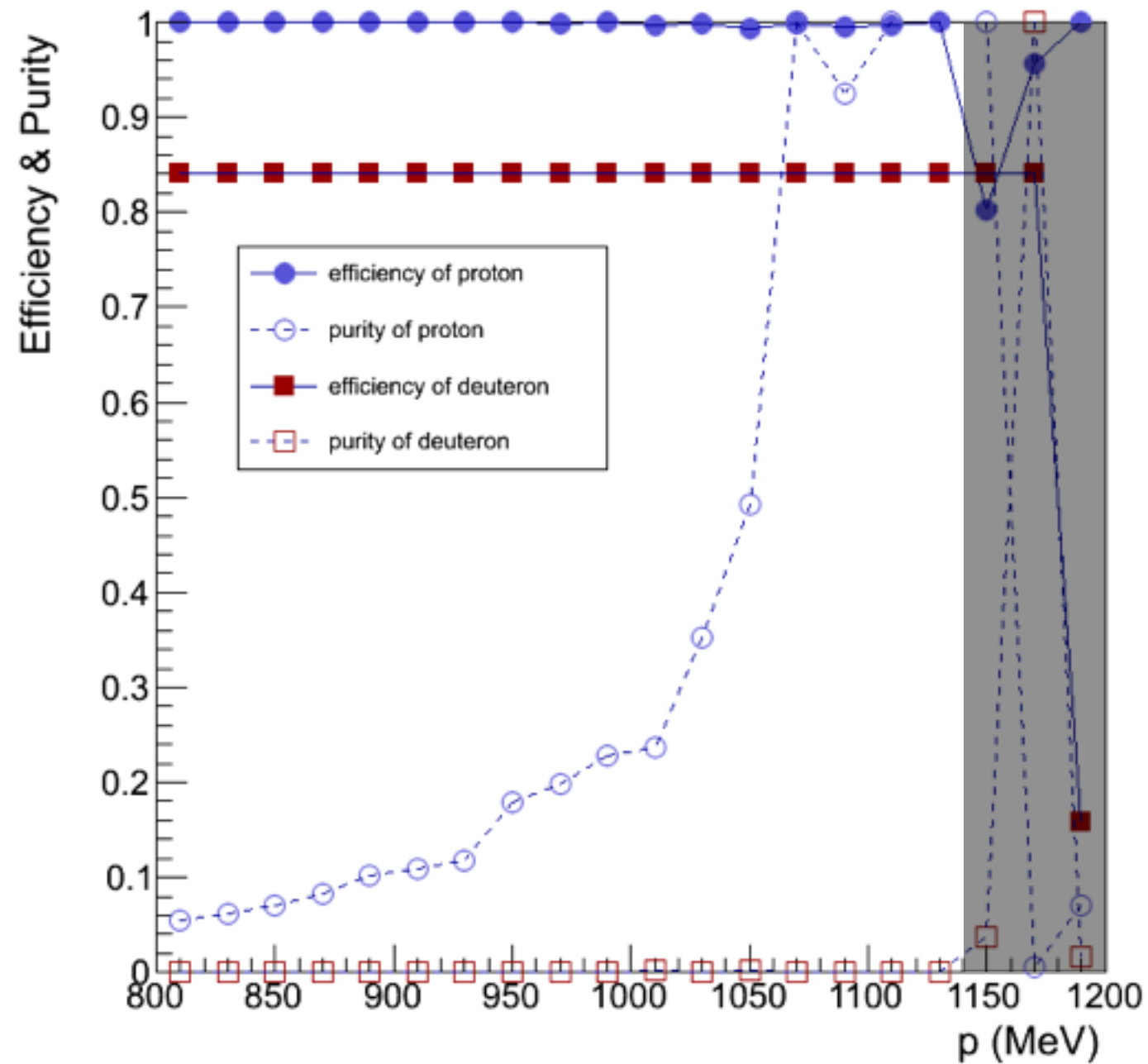


**BACKUP**



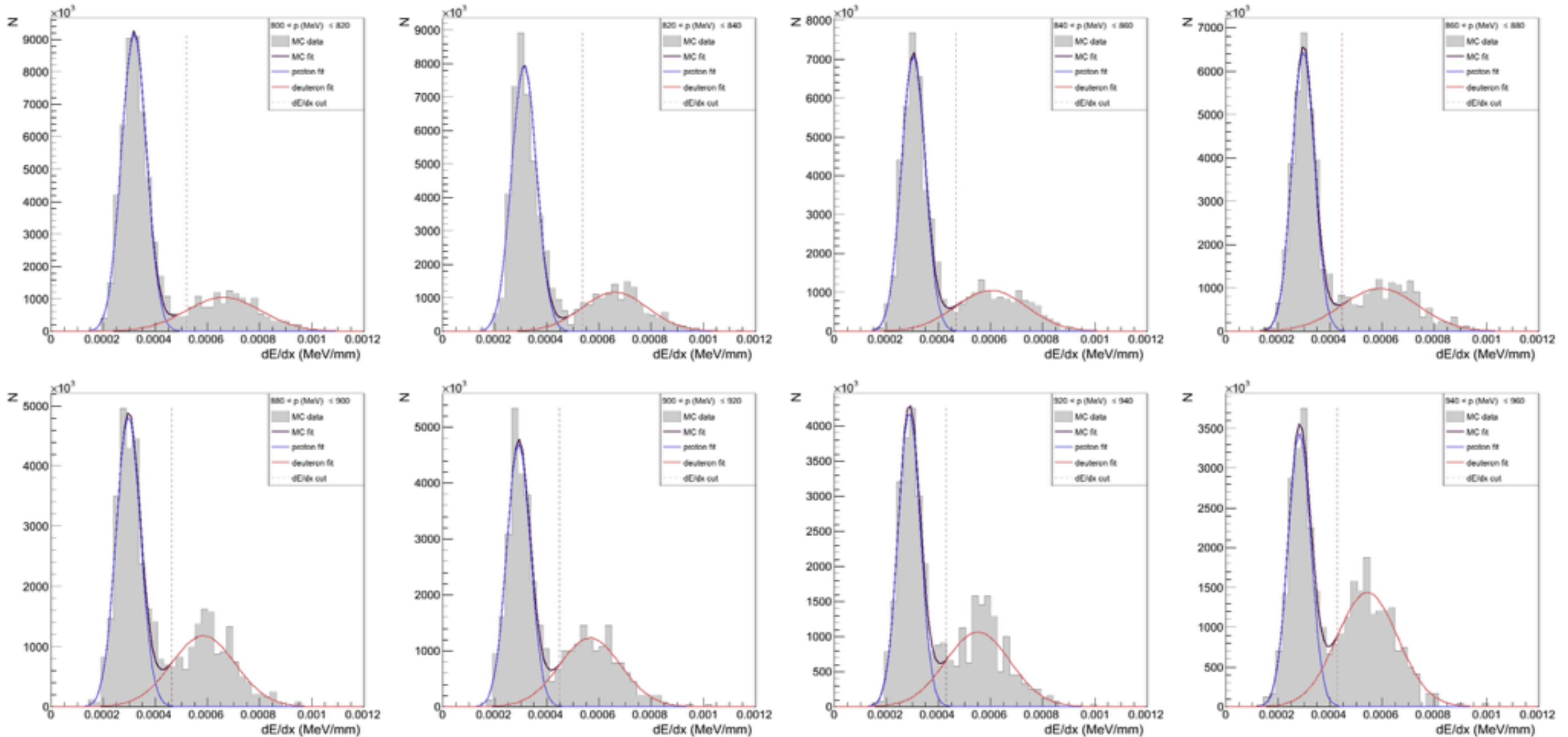
# Efficiency and Purity

dE/dx resolution : 10 % | p resolution : 10 % | dE/dx cut :  $\text{mean}_{\text{deuteron}} - 1 \times \sigma$



# dE/dx Distribution

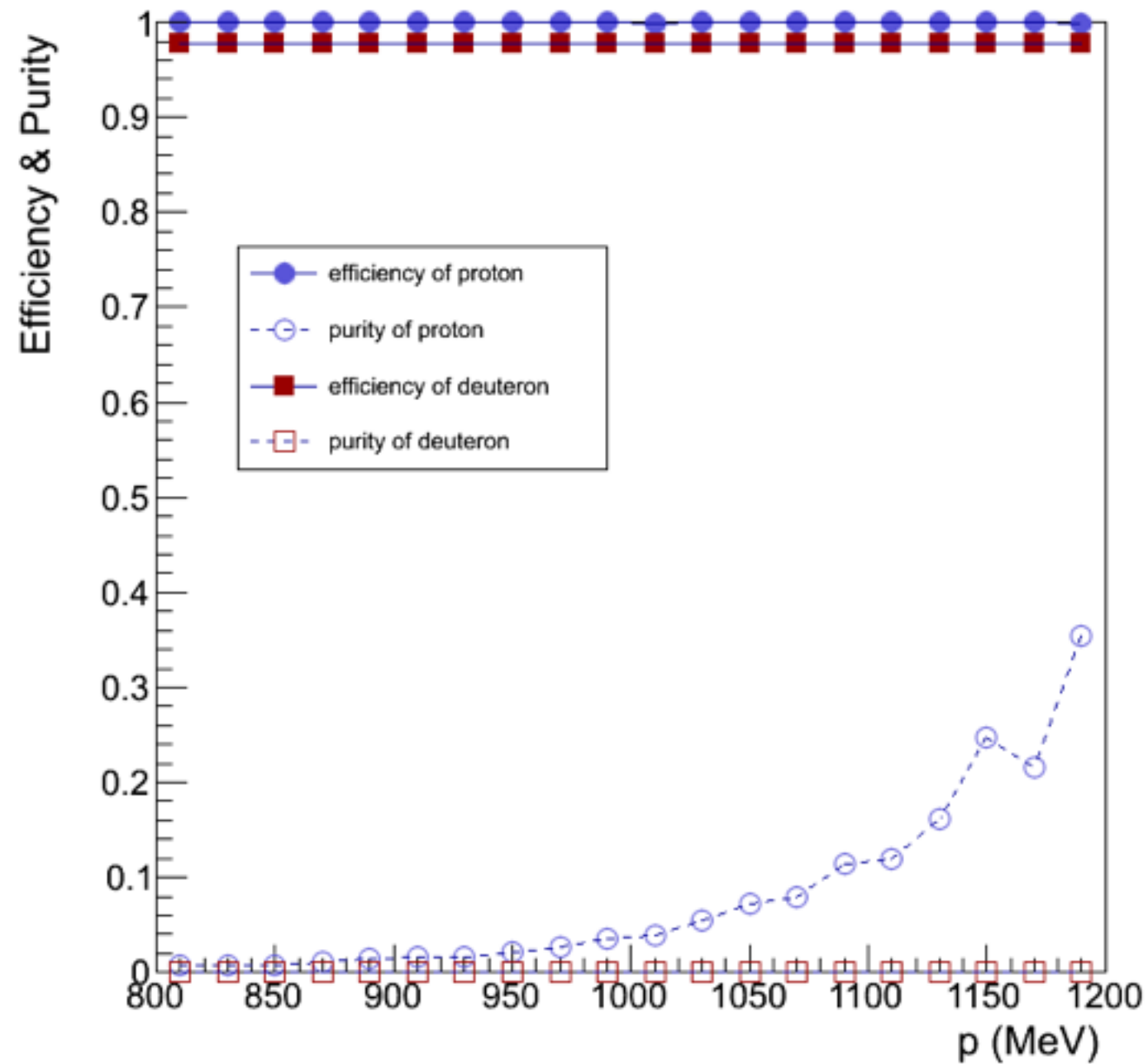
dE/dx resolution : 10 % | p resolution : 10 % | dE/dx cut :  $\text{mean}_{\text{deuteron}} - 1 \times \sigma$





# Efficiency and Purity

dE/dx resolution : 5 % | p resolution : 5 % | dE/dx cut :  $\text{mean}_{\text{deuteron}} - 2\sigma$



# dE/dx Distribution

dE/dx resolution : 5 % | p resolution : 5 % | dE/dx cut :  $\text{mean}_{\text{deuteron}} - 2\sigma$

