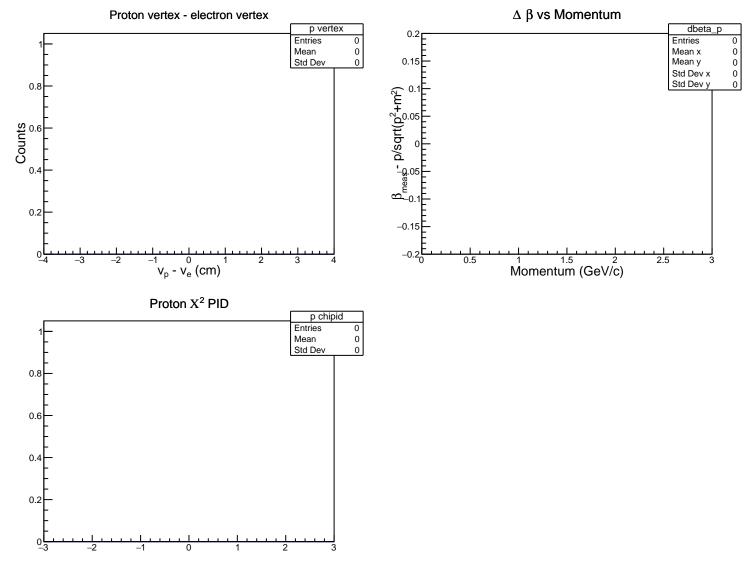
Deuterium run 015053

d(e,e'p)n

allow only PID=0,11,22,2212,2112

exactly 1p, 1e

proton in FD



Deuterium run 015053

d(e,e'p)n

Require proton in FTOF

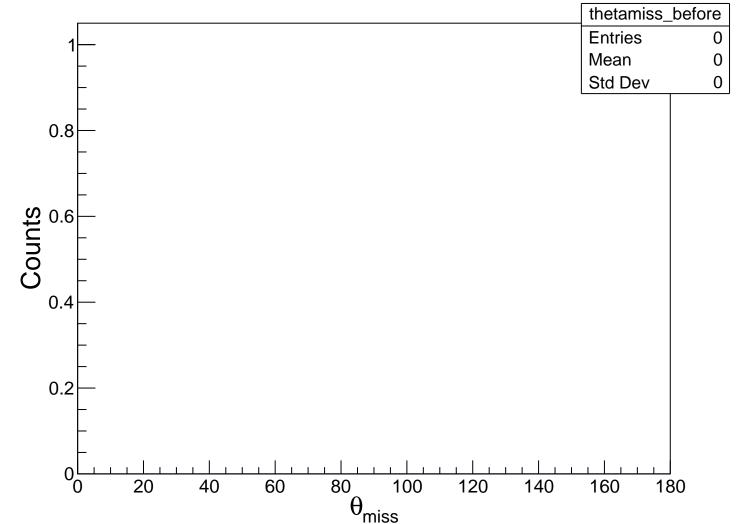
 $-4 \text{ cm} < \text{v}_{\text{p}} - \text{v}_{\text{e}} < 2 \text{ cm}$

 $-0.02 < \Delta \beta < 0.02$

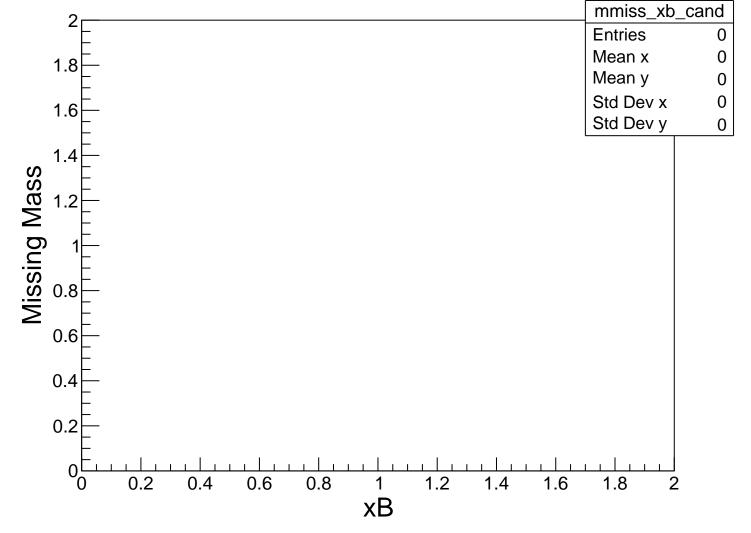
 $p_p > 0.3 \text{ GeV/c}$

-3 < proton χ^2_{PID} <3

Missing Momentum Polar Angle



Missing Mass vs xB



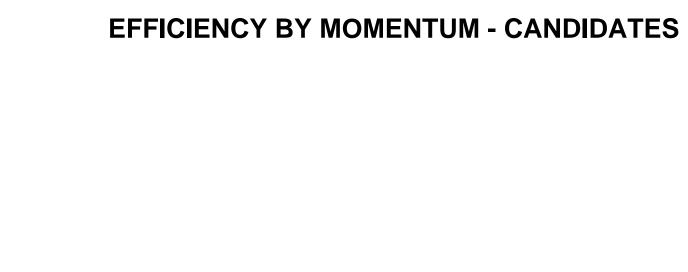
Deuterium run 015053

d(e,e'pn)

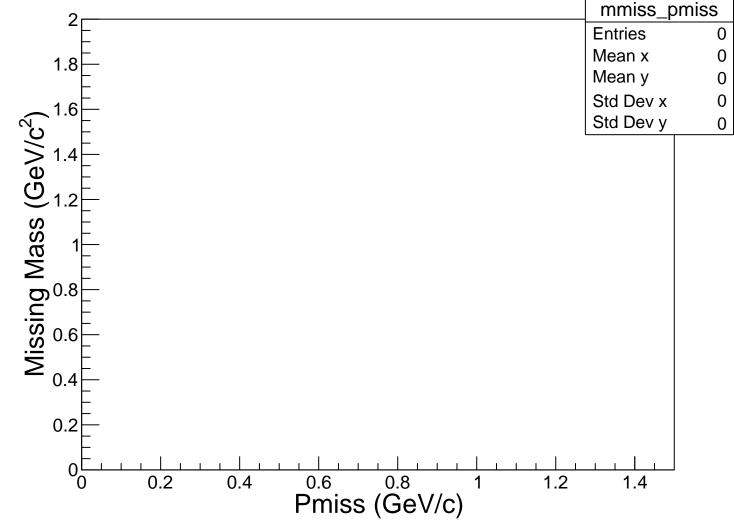
proton cuts

40 deg $< \theta_{\text{miss}} < 140$ deg

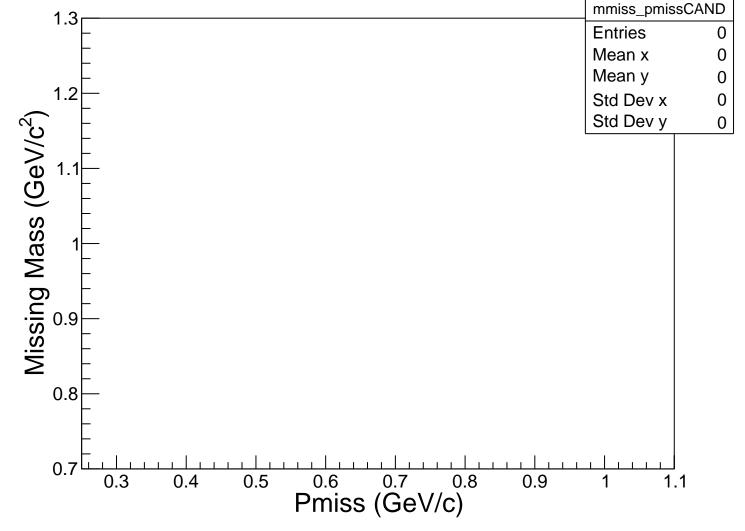
 $0.24 \text{ GeV/c} < p_{\text{miss}} < 1.25 \text{ GeV/c}$

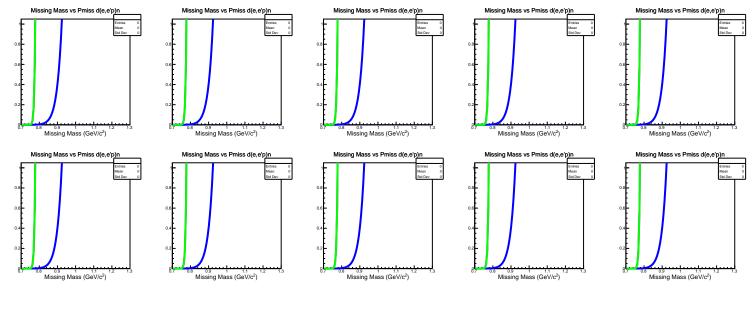


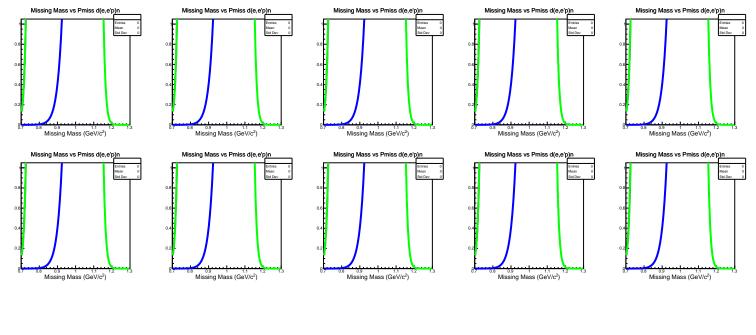
Missing Mass vs Pmiss d(e,e'p)n

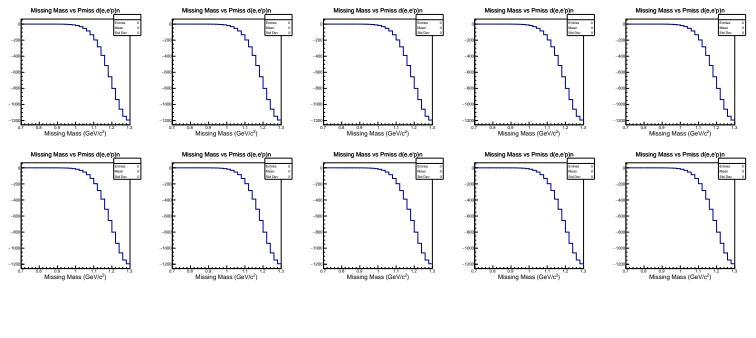


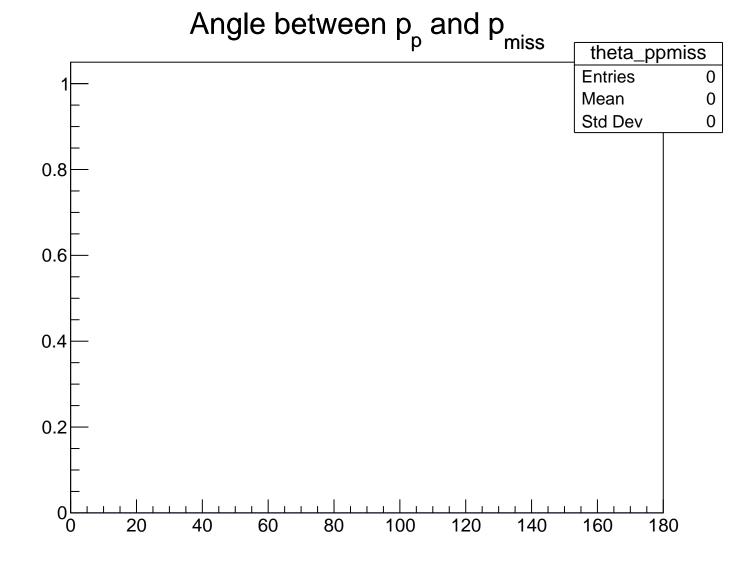
Missing Mass vs Pmiss d(e,e'p)n





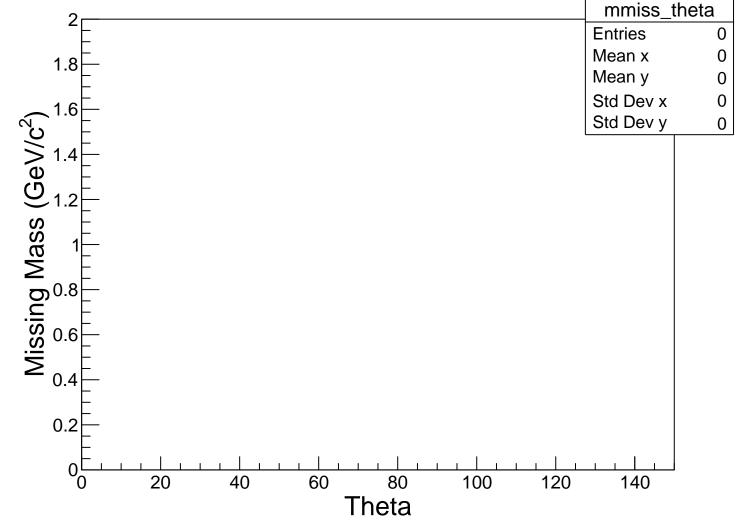




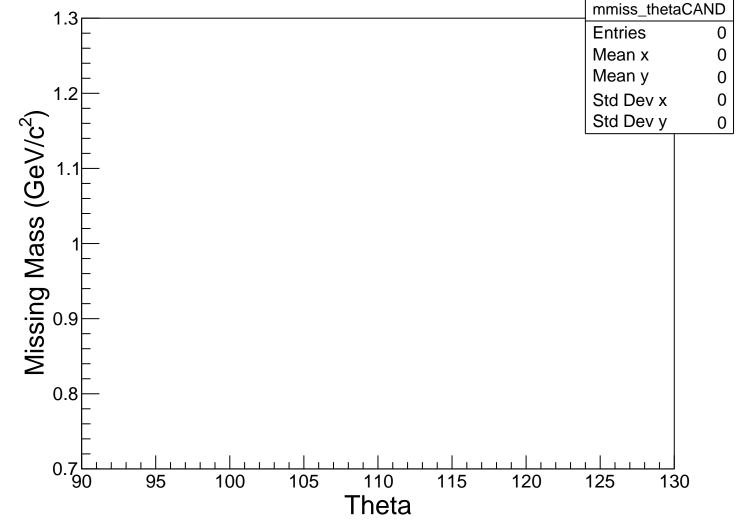


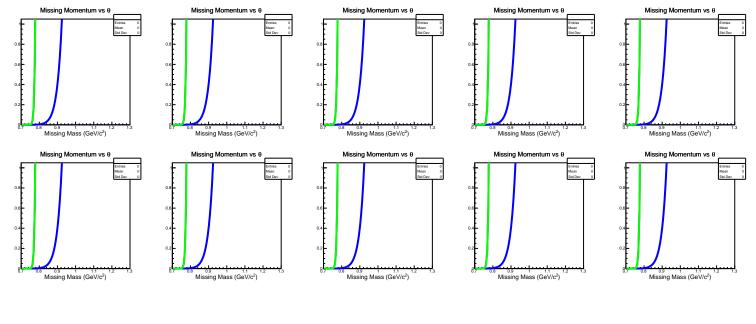


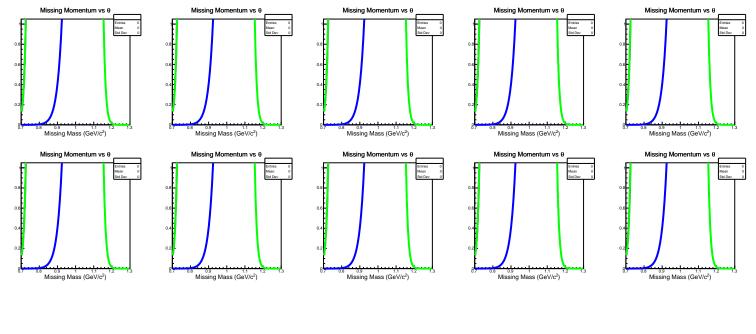
Missing Momentum vs θ

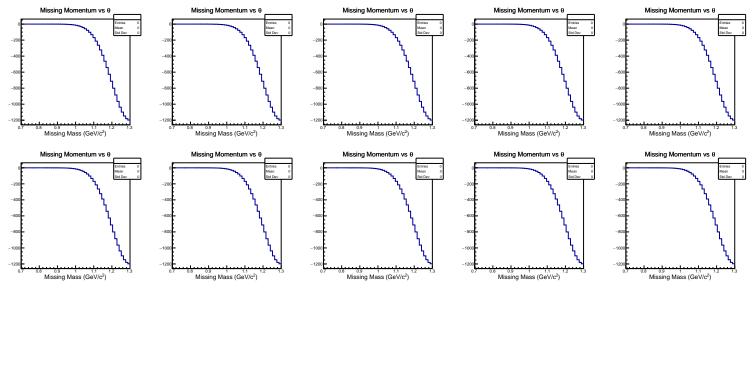


Missing Momentum vs θ









Deuterium run 015053

d(e,e'pn)

proton cuts

p_{miss} cuts

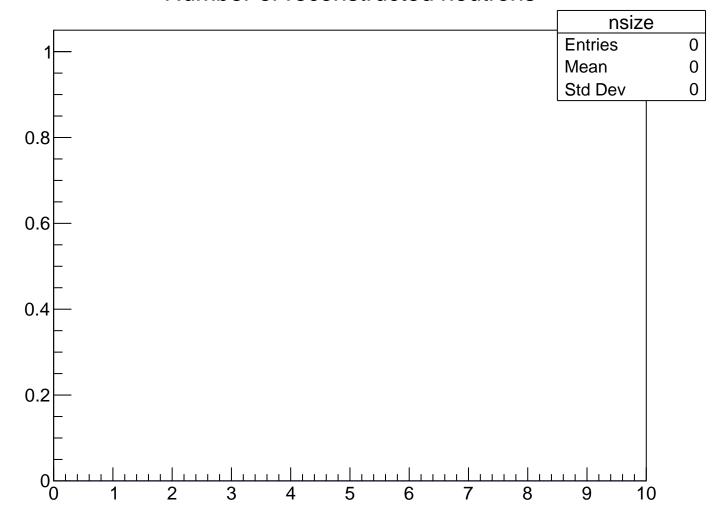
Require neutron in CND

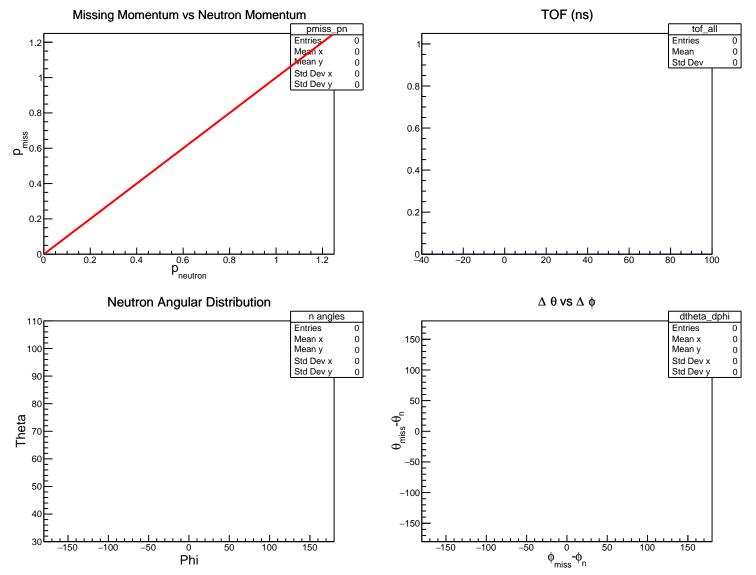
exclude $\theta_n=0$, $\phi_n=0$

40 deg < $\theta_{\rm n}$ < 140 deg

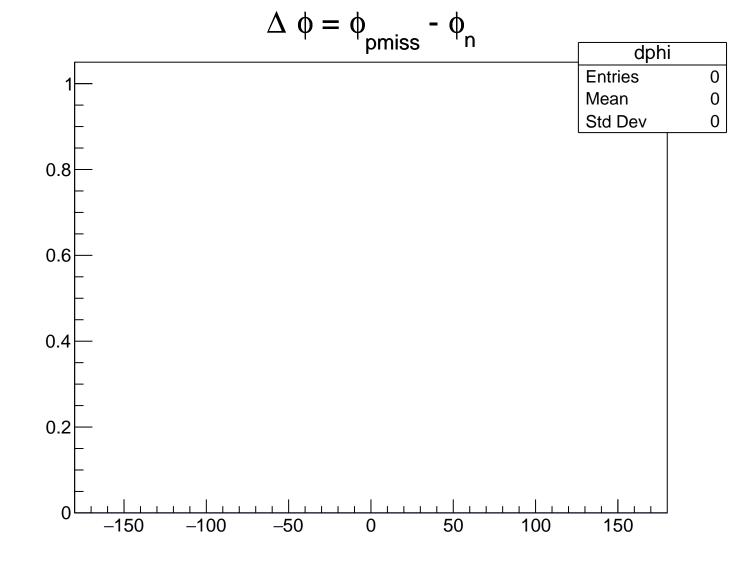
 $0.25 < \beta_{\rm n} < 0.8$

Number of reconstructed neutrons





 $\text{cos } \theta_{\text{pmiss,pneutron}}$ cos0 **Entries** Mean Std Dev 8.0 0.6 0.4 0.2 -0.5 0.5



Deuterium run 015053

d(e,e'pn)

proton cuts

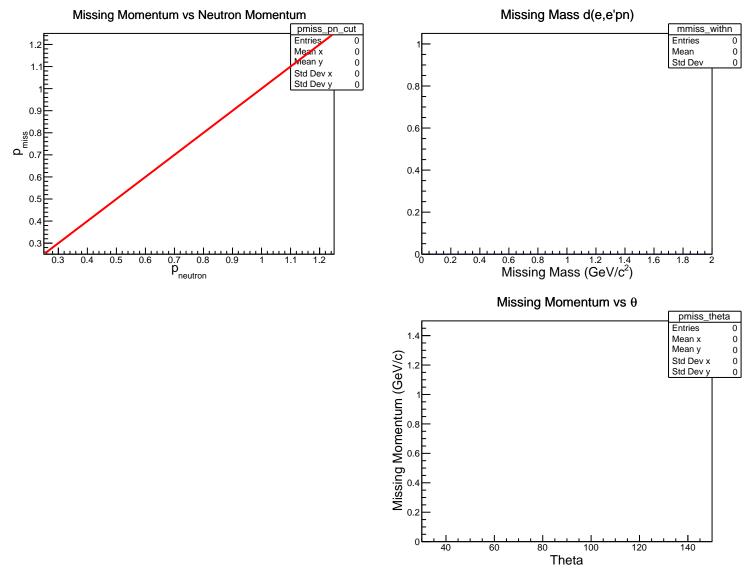
p_{miss} cuts

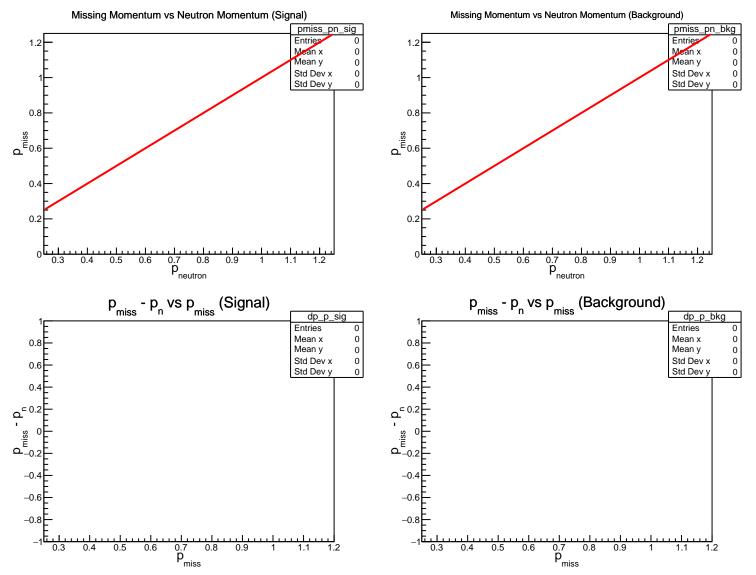
exclude $\theta_n=0$, $\phi_n=0$

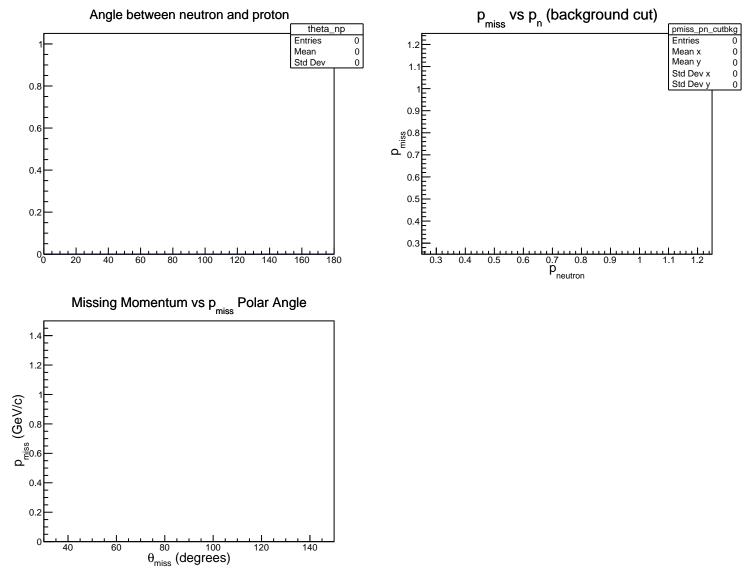
40 deg < $\theta_{\rm n}$ < 140 deg

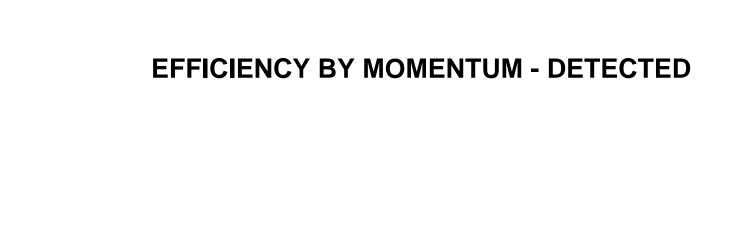
 $0.25 < \beta_{\rm n} < 0.8$

 $\cos \theta_{\text{pmiss,pn}} > 0.9, -20 < \Delta \phi < 20$

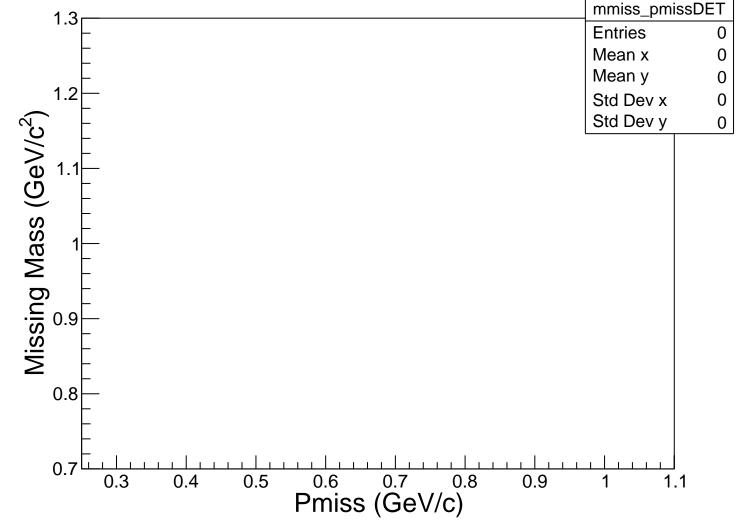


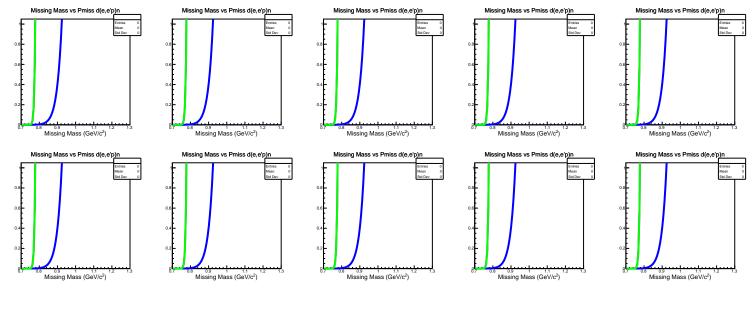


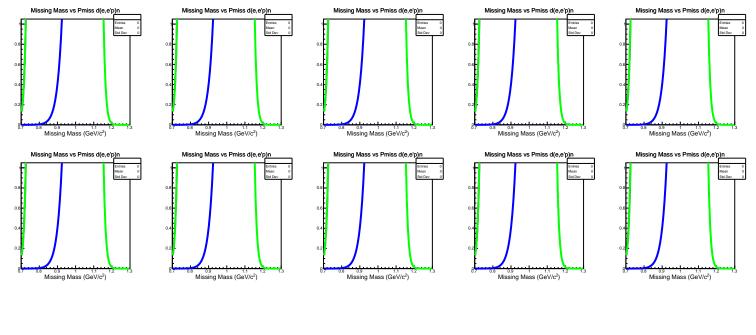


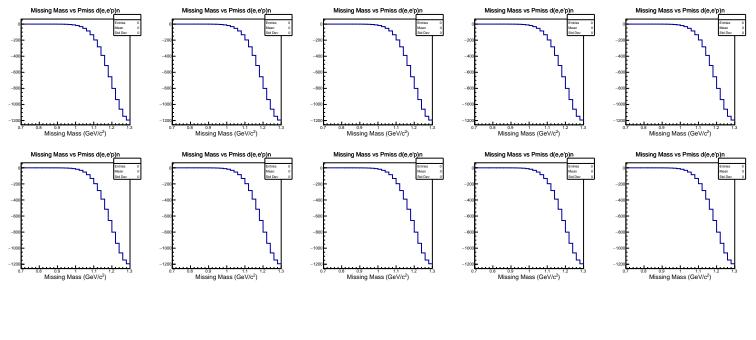


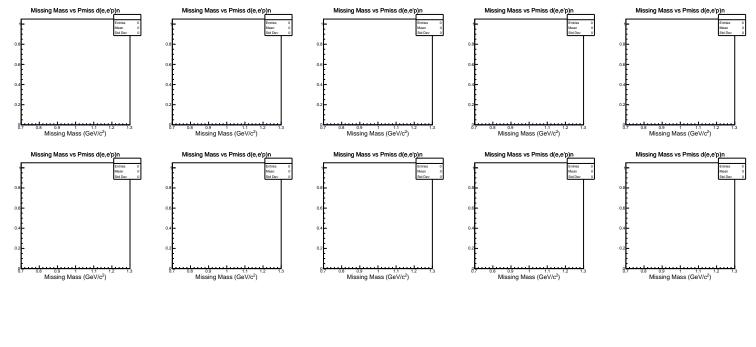
Missing Mass vs Pmiss d(e,e'p)n













Missing Momentum vs θ

