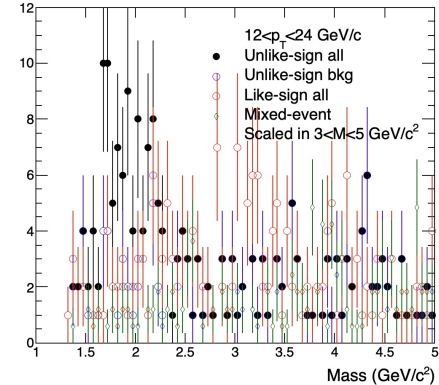
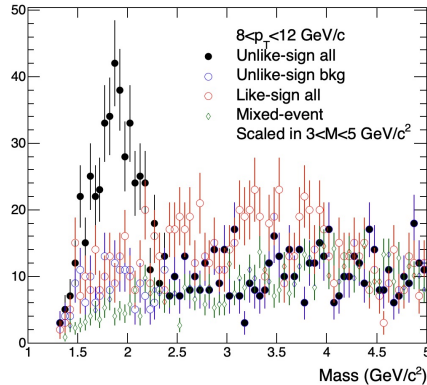
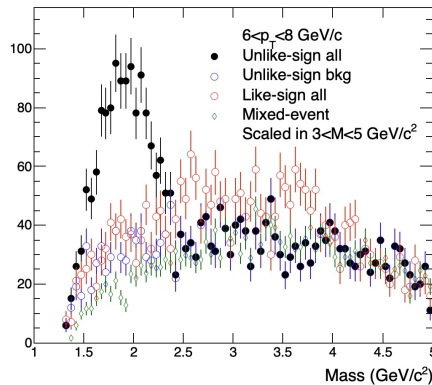
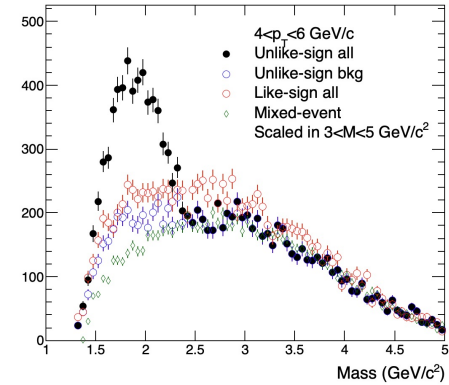
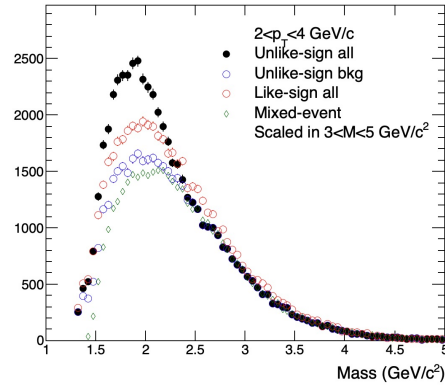
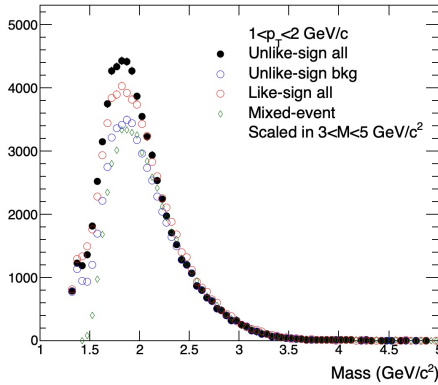
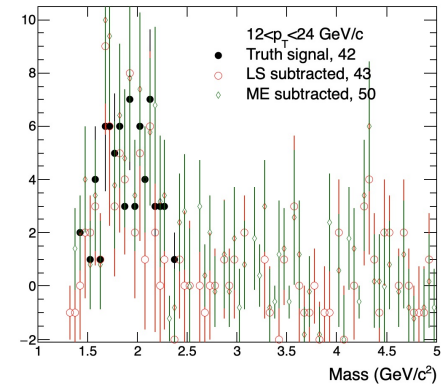
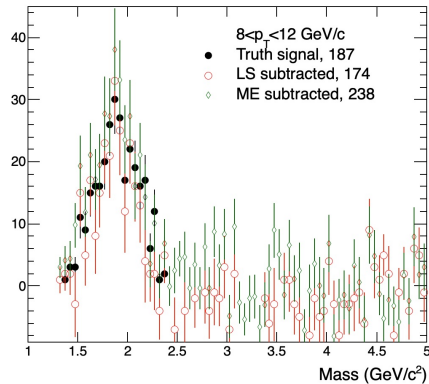
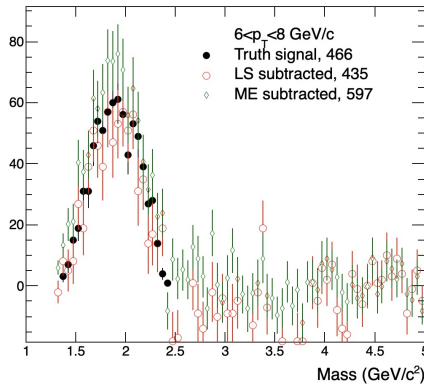
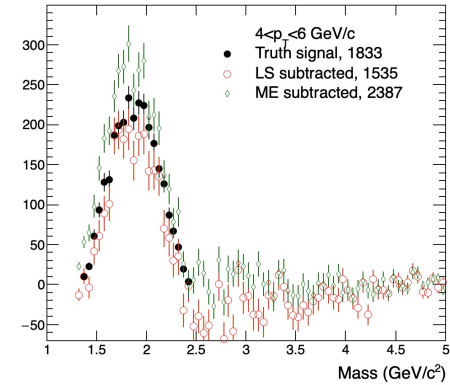
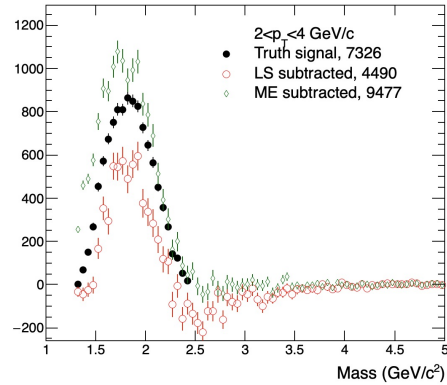
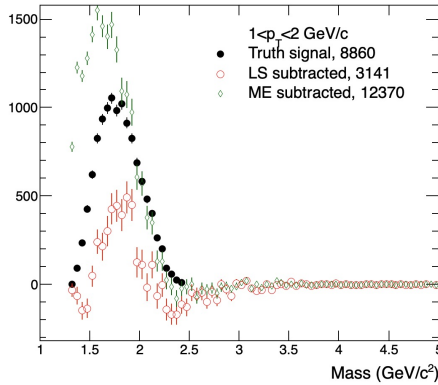


- Some cuts
  - electron  $p_T$  and  $\eta$  cut, Xi  $\eta$  cut
  - opening angle cut ( $> 90^\circ$ )

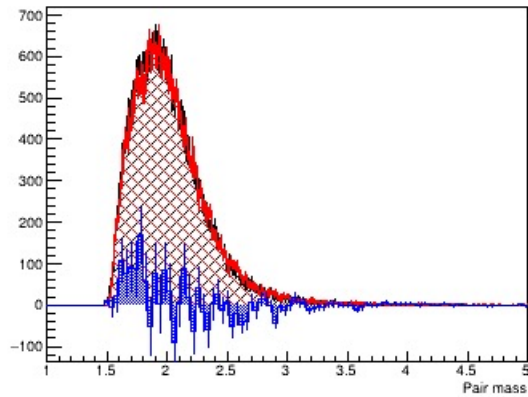


- Background subtraction
  - Over-subtraction with the like-sign method
  - Under-subtraction with the mixed-event method

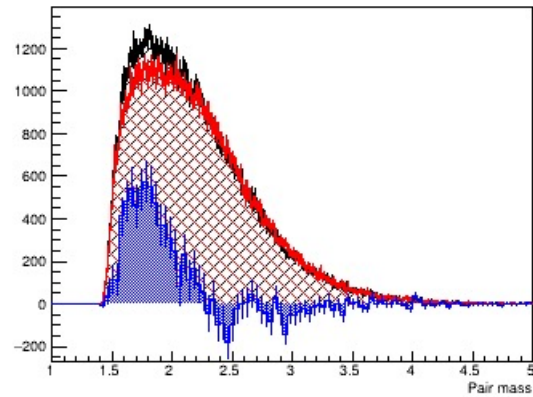


# Background subtraction (HMV0)

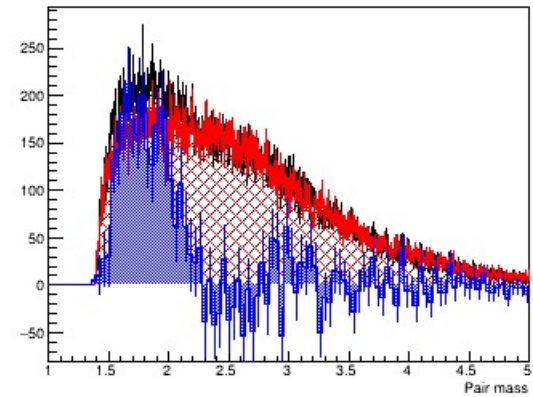
INEL0\_HMV0\_0to0p1,  $1 < p_T < 2$



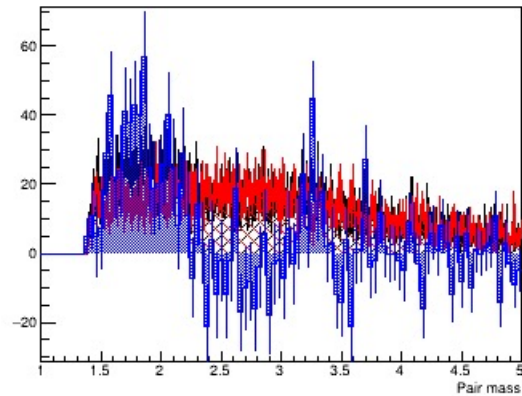
INEL0\_HMV0\_0to0p1,  $2 < p_T < 4$



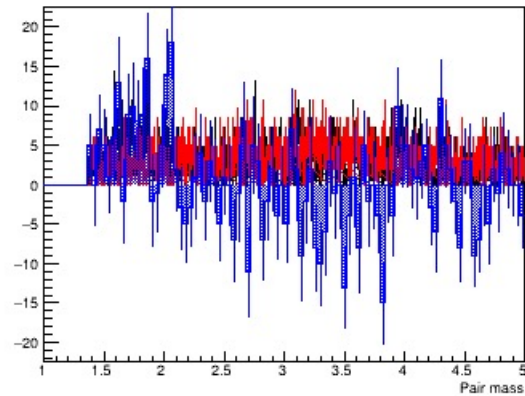
INEL0\_HMV0\_0to0p1,  $4 < p_T < 6$



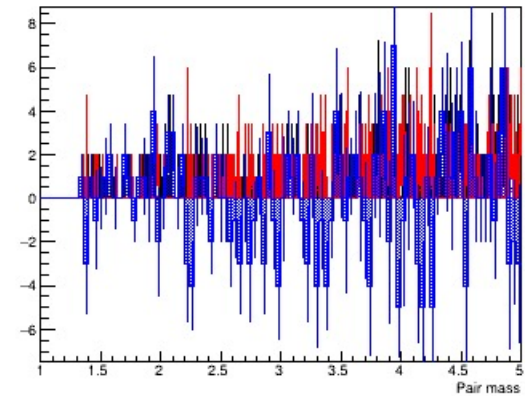
INEL0\_HMV0\_0to0p1,  $6 < p_T < 8$



INEL0\_HMV0\_0to0p1,  $8 < p_T < 12$



INEL0\_HMV0\_0to0p1,  $12 < p_T < 24$



- Some cuts
  - electron  $p_T$  and  $\eta$  cut, Xi  $\eta$  cut
  - opening angle cut ( $> 90^\circ$ )

