# Preliminary Pass 2 Endcap Contamination

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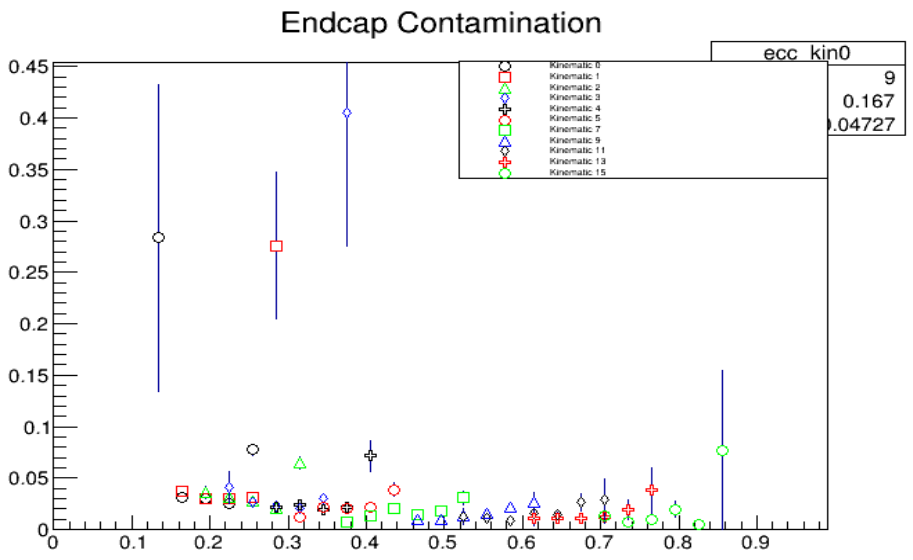
# Process

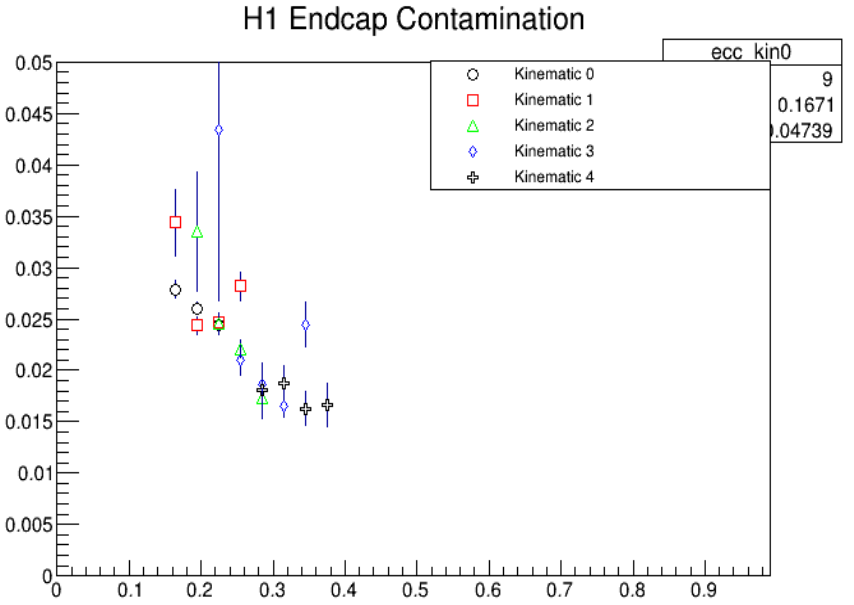
- Plot the reconstructed z of the target being studied
- Fit both endcaps with a gaussian
- Get the number of counts around each peak +/- 1 sigma for both the target being studied and the empty target – This is our normalization

# Process Continued

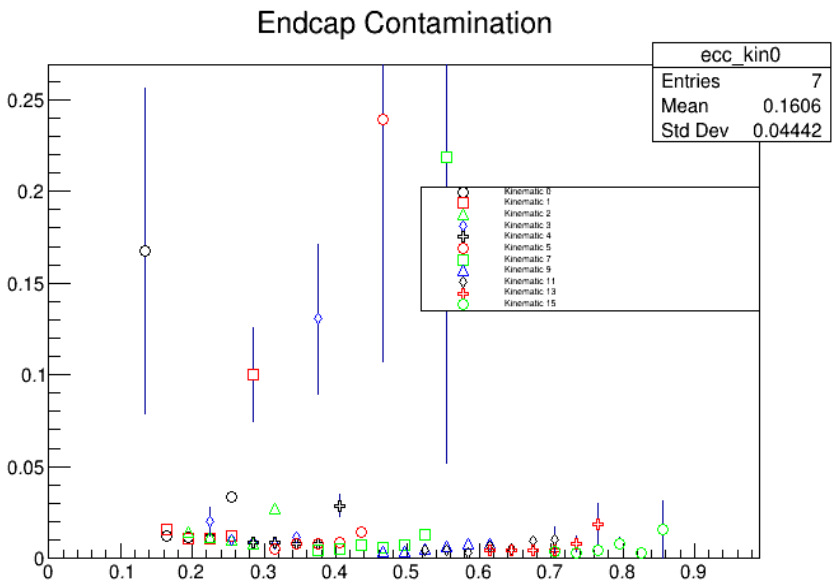
- Assume that the upstream half of the target is contaminated by the upstream endcap – same for downstream
- Plot upstream of of empty target vs Bjorken x and normalize to upstream endcap
  - This is to study the x-dependence of the contamination
- Do same for downstream and then add together
- Divide by the target being studied to get contamination

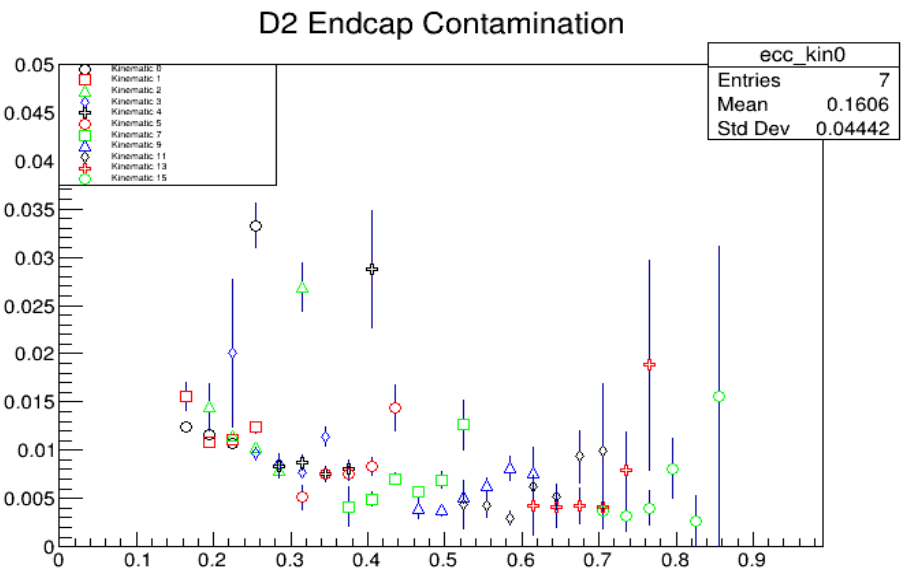
# Results so far - H1



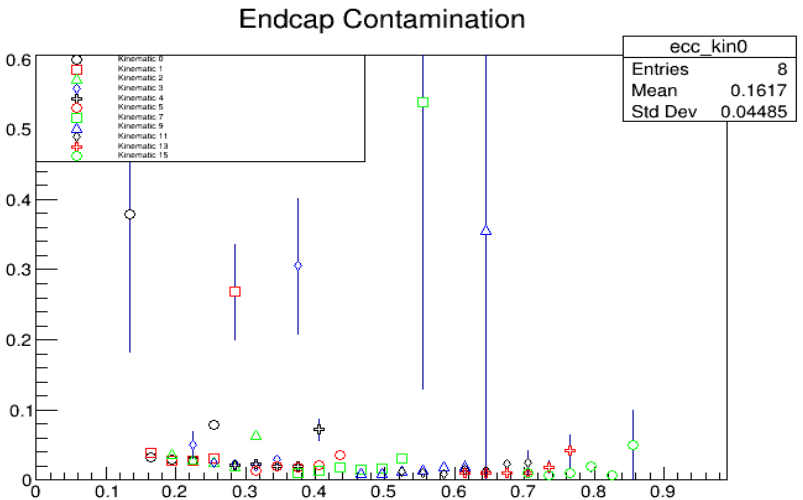



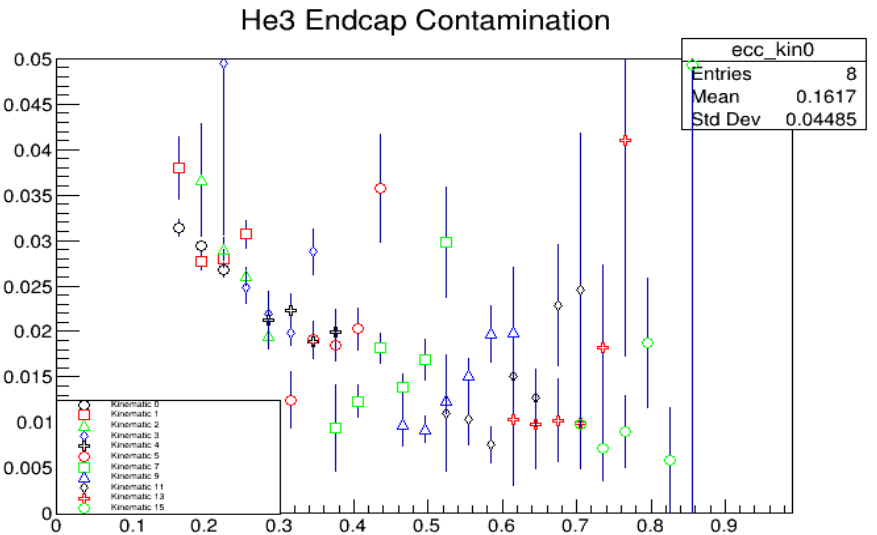
# Results so far - D2



# Results so far - He3



# Results so far - H3