

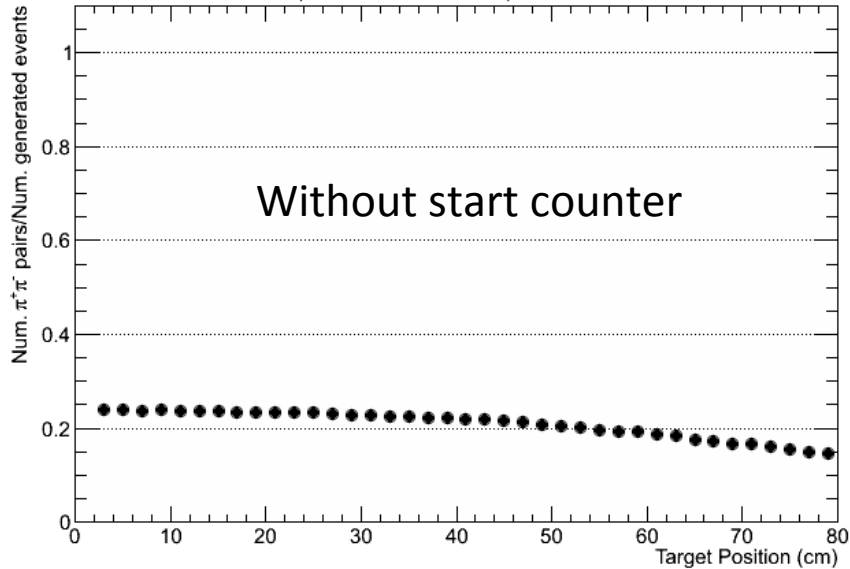
# CPP Simulations

David Lawrence JLab

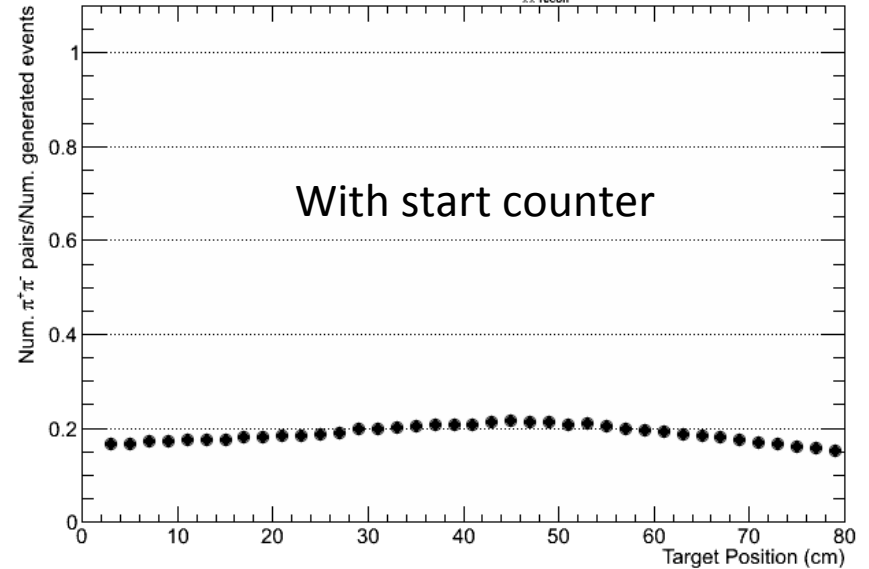
Dec. 14, 2012

# $\pi^+ \pi^-$ reconstruction efficiency

Rough efficiency vs. target position  
December 7, 2012 DL  
svn revision 9877  
100k  $\pi^+ \pi^-$  events generated



Rough efficiency vs. target position  
November 29, 2012 DL  
svn revision 9938  
100k  $\pi^+ \pi^-$  events generated



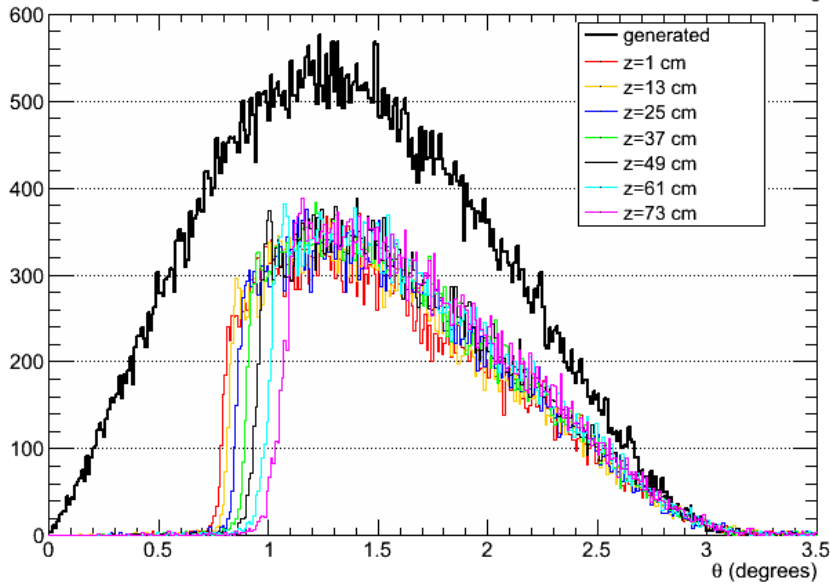
*n.b. I've been unable to reproduce the  $\sim 40\%$  efficiency plot shown on Nov. 9th*

# $\pi^+$ polar angle

Without start counter

Reconstructed  $\theta_{\pi^+}$

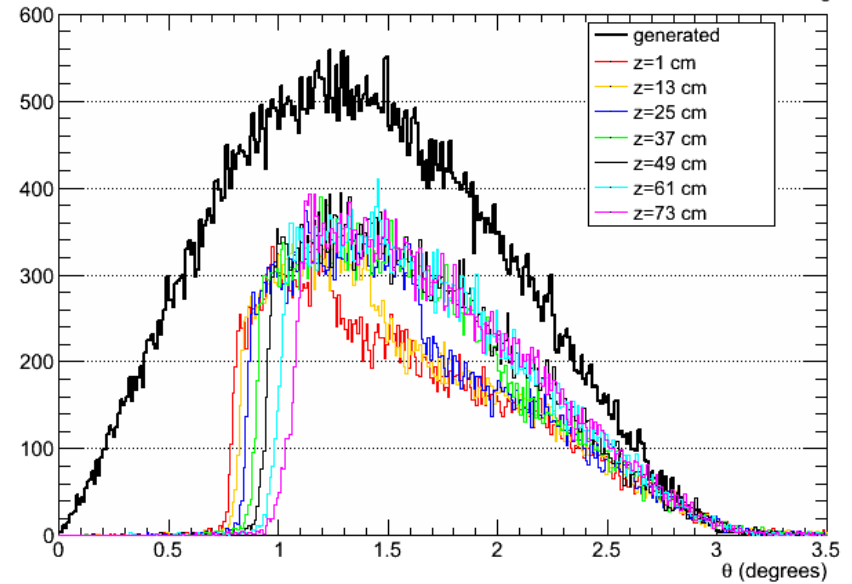
December 13, 2012 DL  
svn revision 9877  
100k  $\pi^+\pi^-$  events generated



With start counter

Reconstructed  $\theta_{\pi^+}$

November 30, 2012 DL  
svn revision 9938  
100k  $\pi^+\pi^-$  events generated



# Other misc.

- Vertex constraint added back (I think) and running on farm
- *hdgeant* modified to allow more significant geometry changes in XML (e.g. start counter removal)