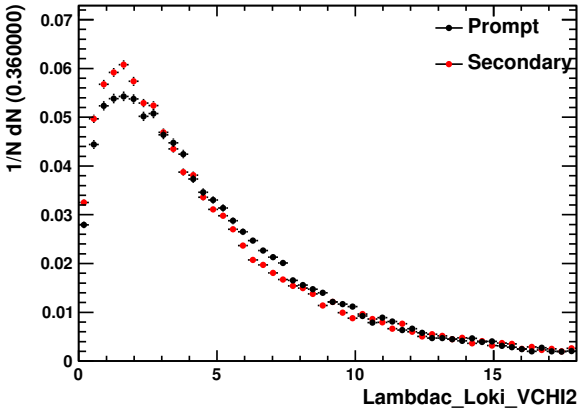
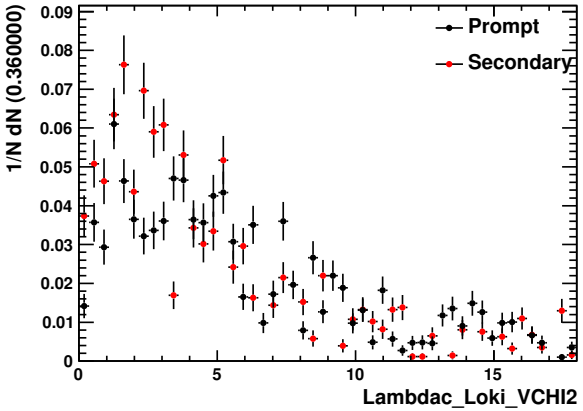
Prompt-sec control vars

- To recap: new branching fractions are... bad.
- Plots of proton $\eta - p$ distributions indicative of some absorbtion of the secondary component by the prompt in the CS channels.
- CF looked sensible.
- Check other control variables, give per-mode comparisons.
- Hypotheses - are the prompt control variables sensible? Are there structures in the CS modes?
- Use sWeights from the fits to extract the prompt and secondary values for the control vars.
- In subsequent slides - comparison of a given variable for three modes, with linear scale top, log scale bottom.

Λ_c^+ vertex χ^2



$\Lambda_c^+ \to pK^-\pi^+$



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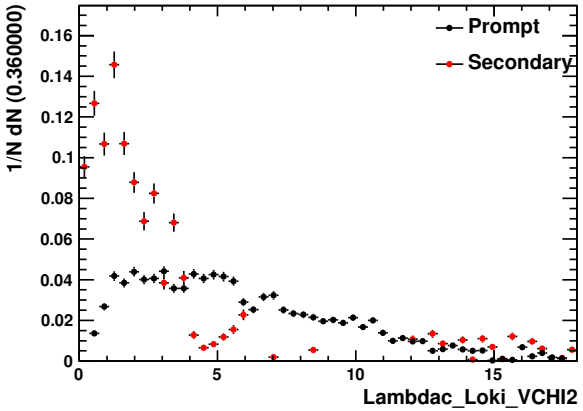
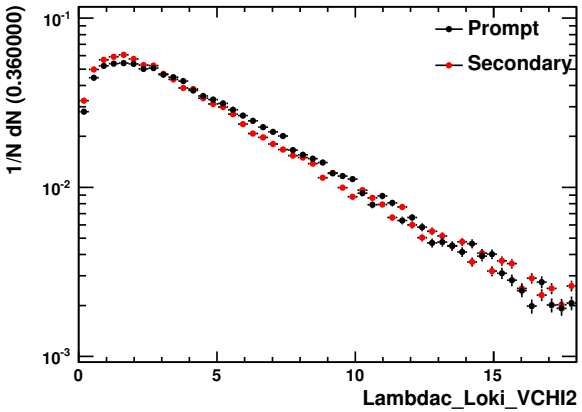
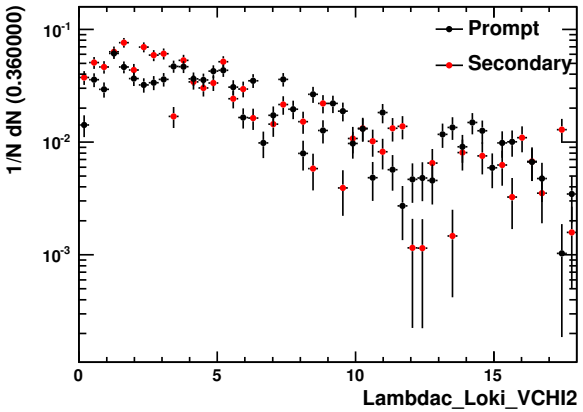
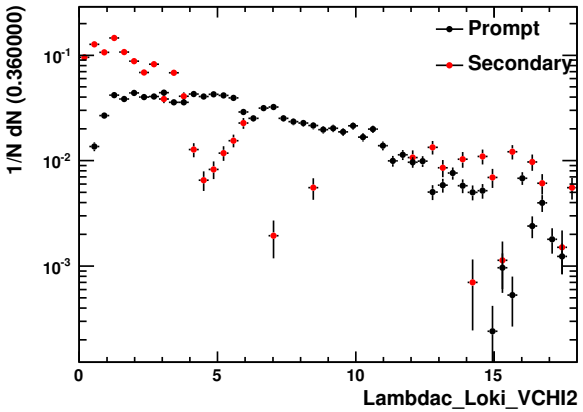


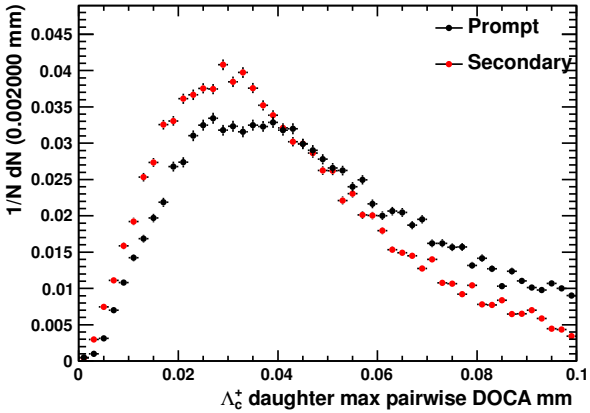
$\Lambda_c^+ \to p\pi^-\pi^+$



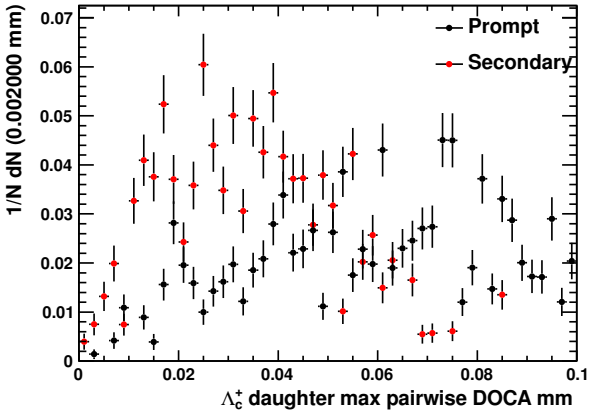




Λ_c^+ DOCAMAX



$\Lambda_c^+ \to pK^-\pi^+$



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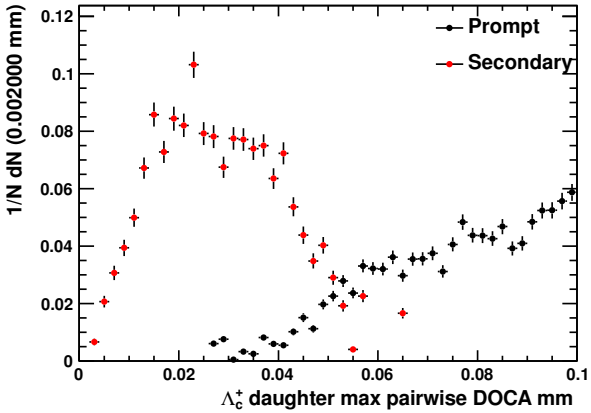

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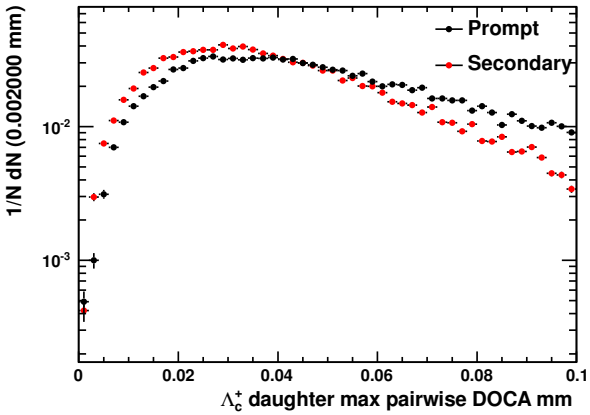
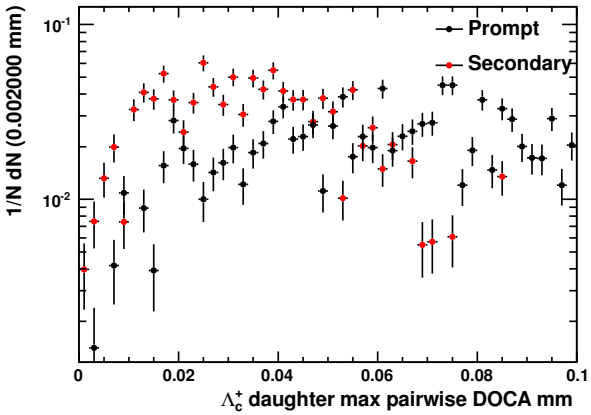
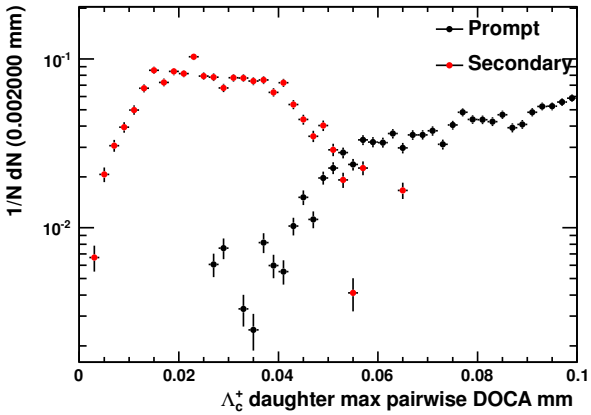
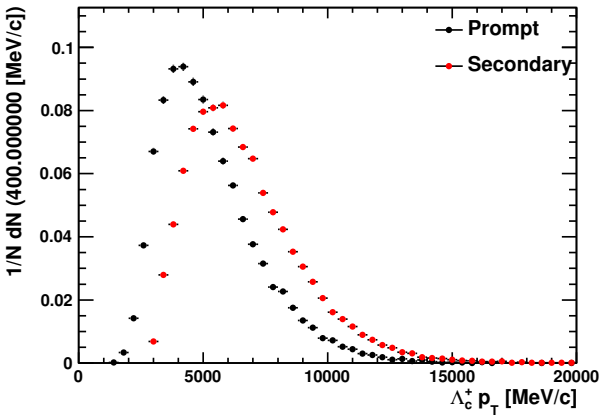






Λ_c^+ p_{T}



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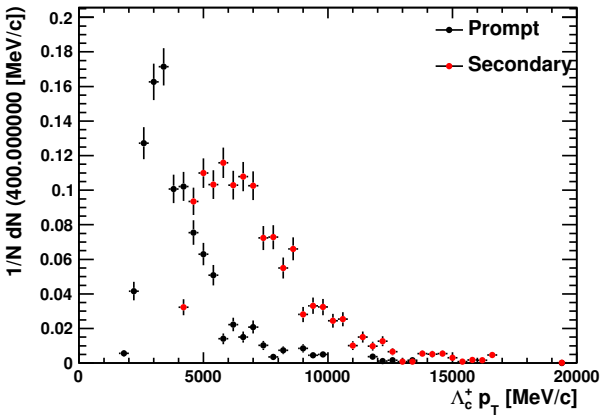

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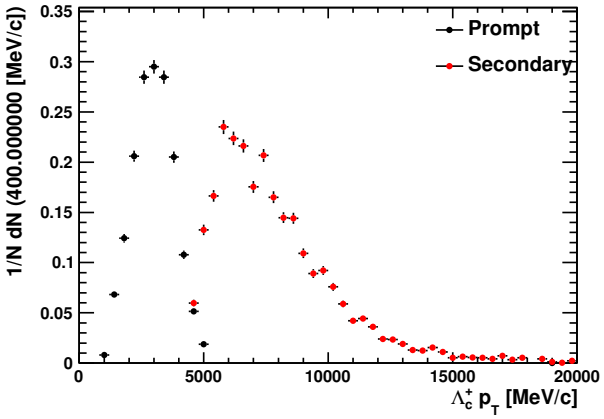

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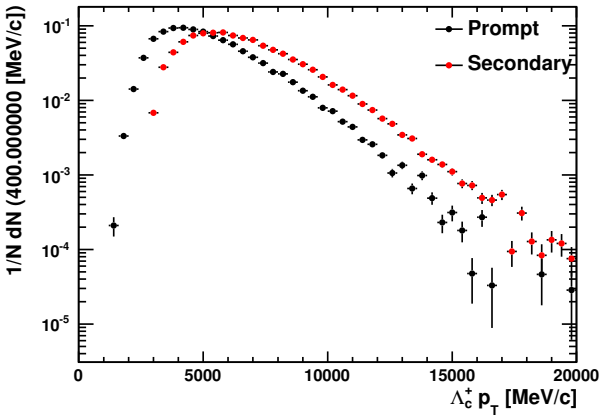
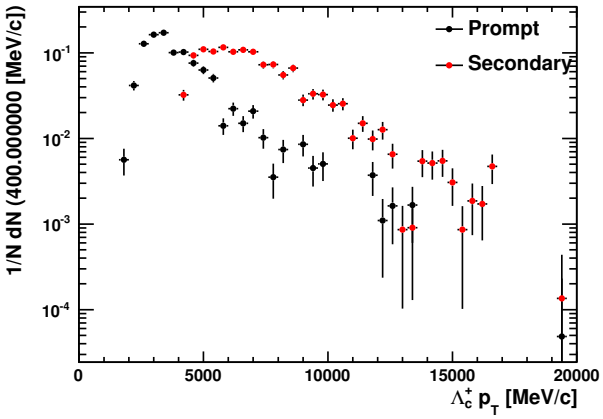
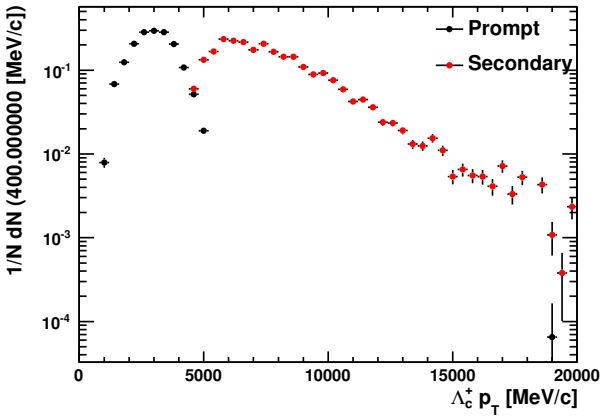
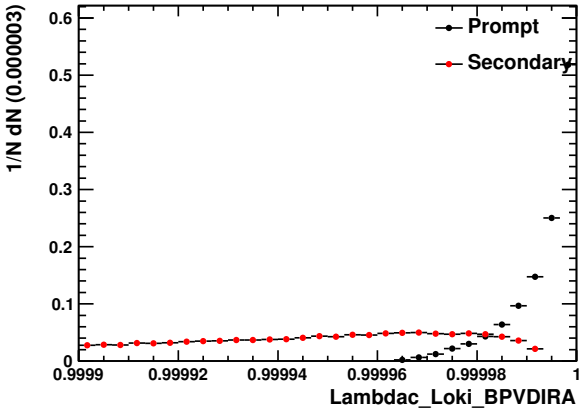






Λ_c^+ DIRA



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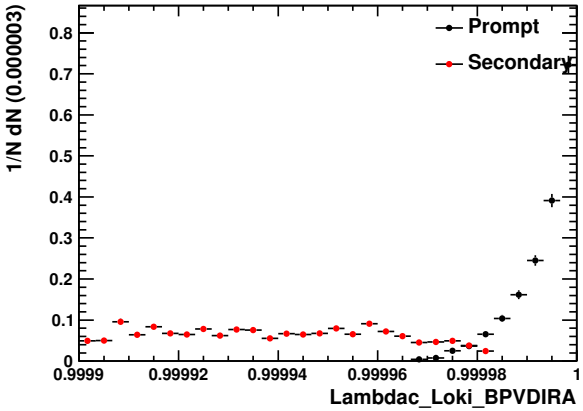

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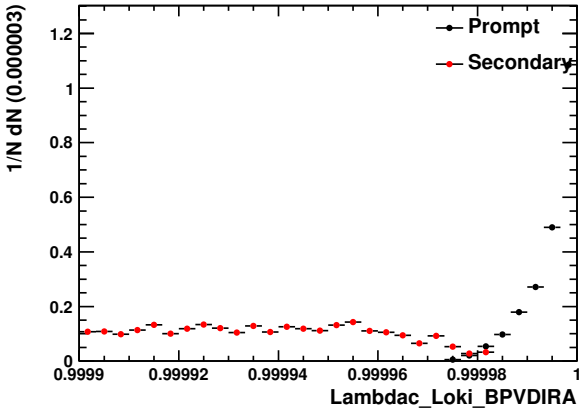

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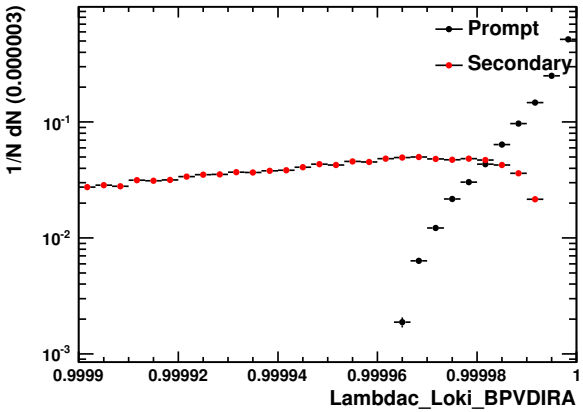
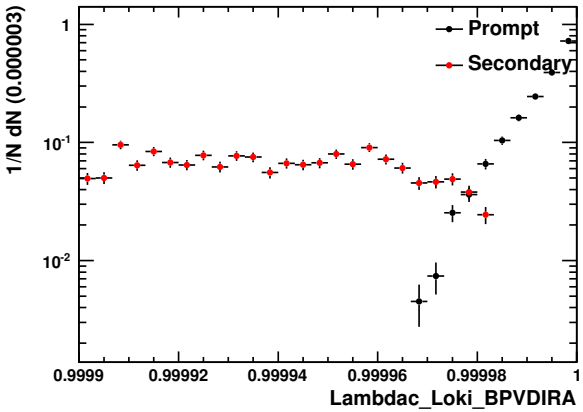
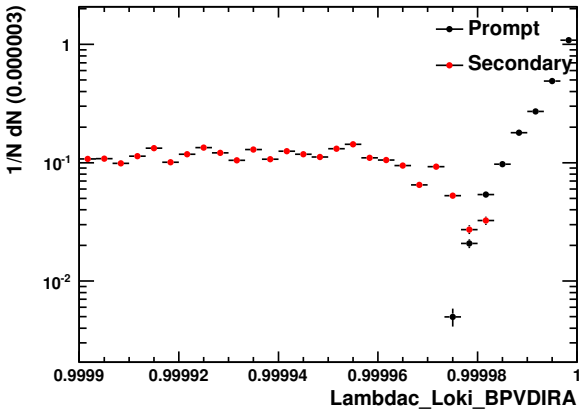
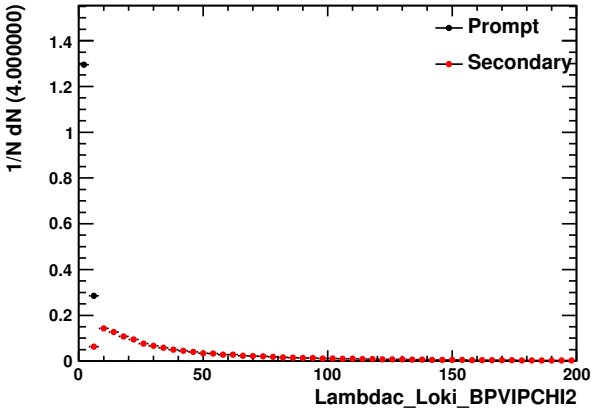






Λ_c^+ BPV $IP\chi^2$



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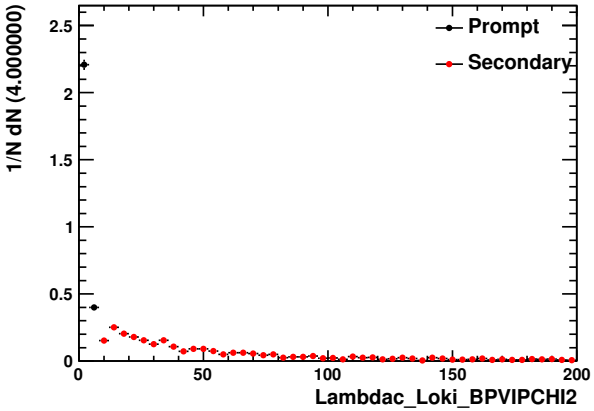

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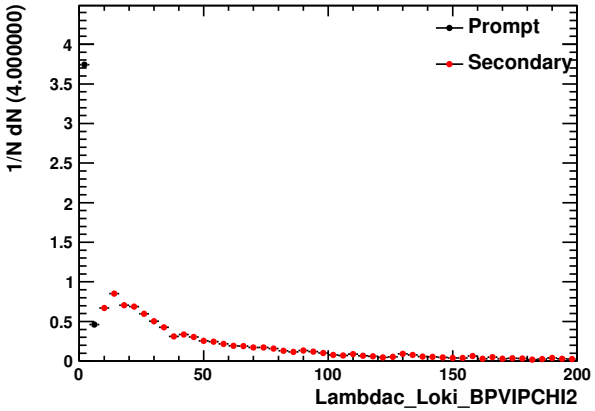

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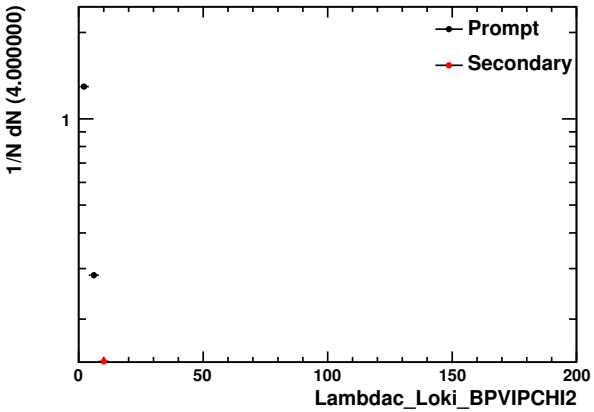
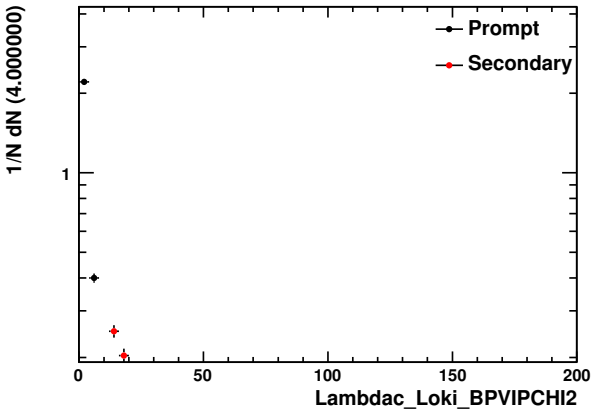
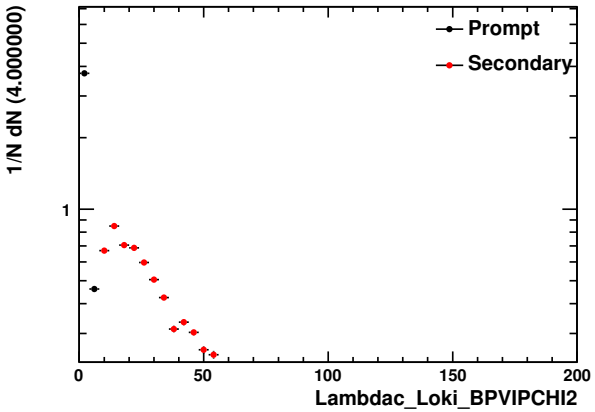
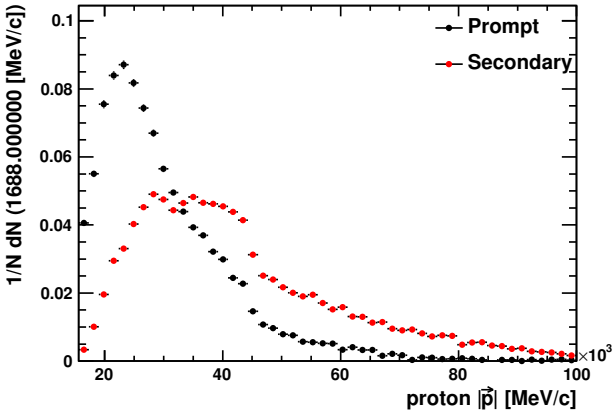


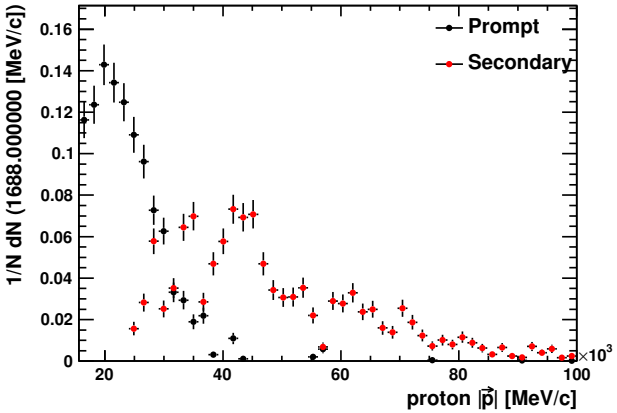




p p



$\Lambda_c^+ \to pK^-\pi^+$



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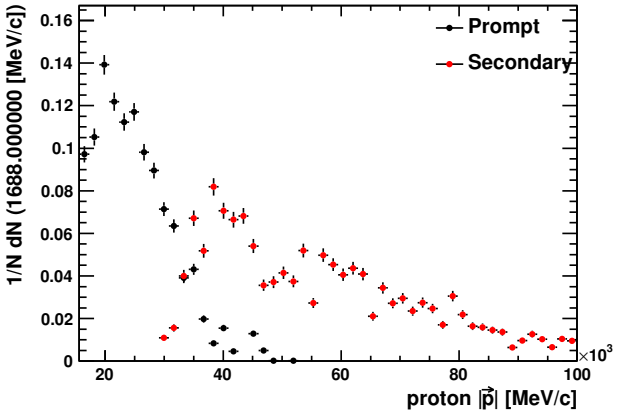
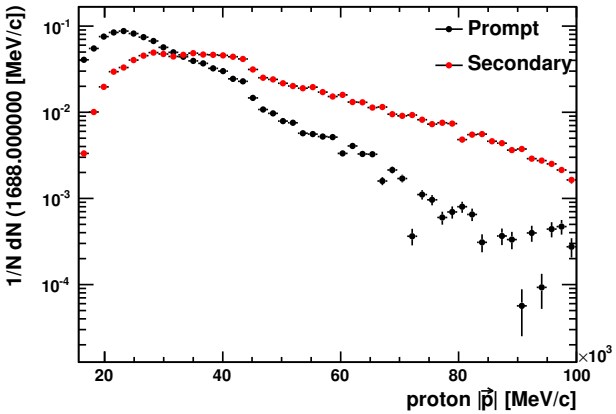
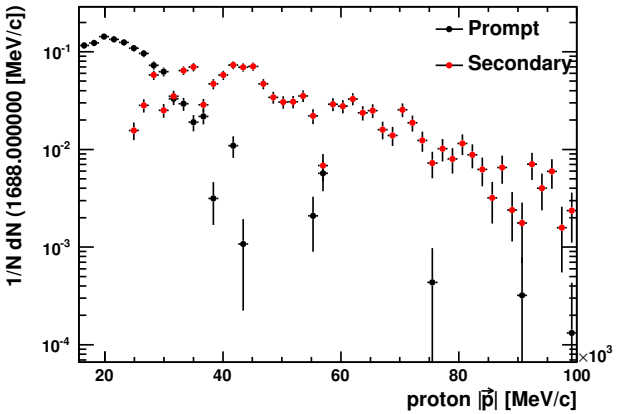
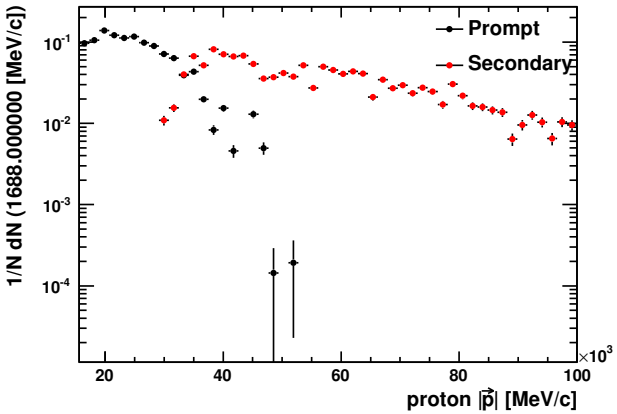


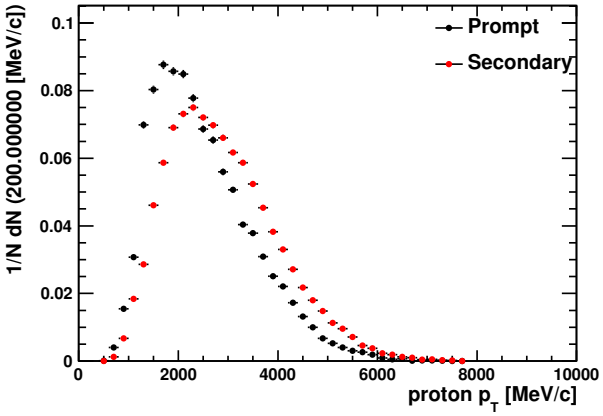
$\Lambda_c^+ \to p\pi^-\pi^+$







p p_{T}



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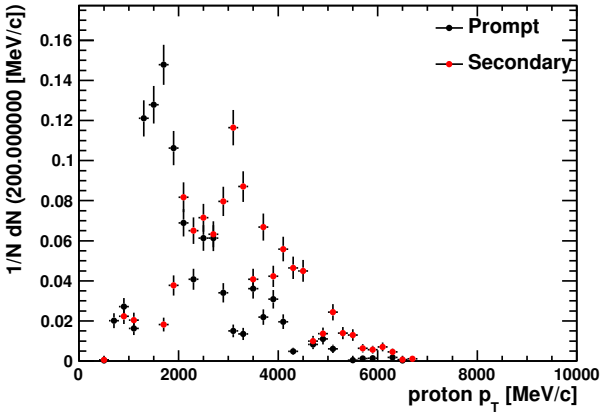

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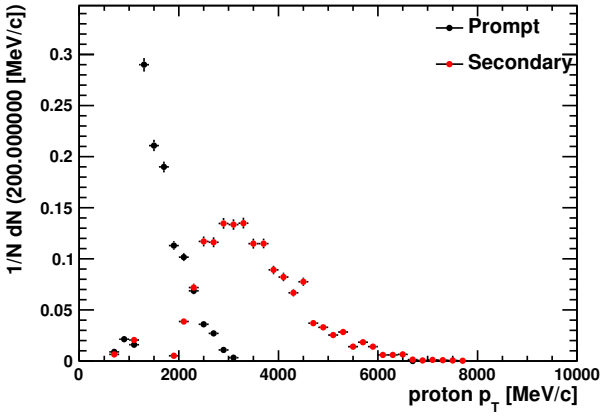

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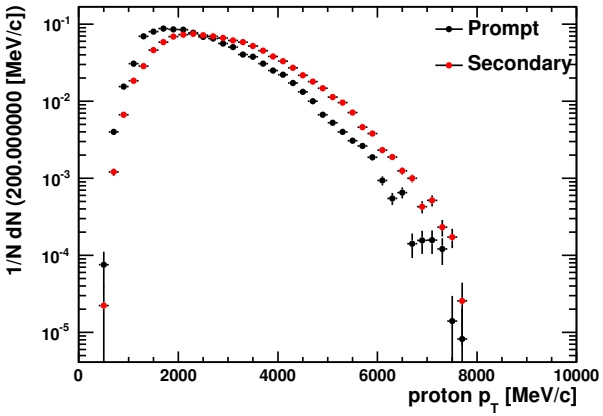
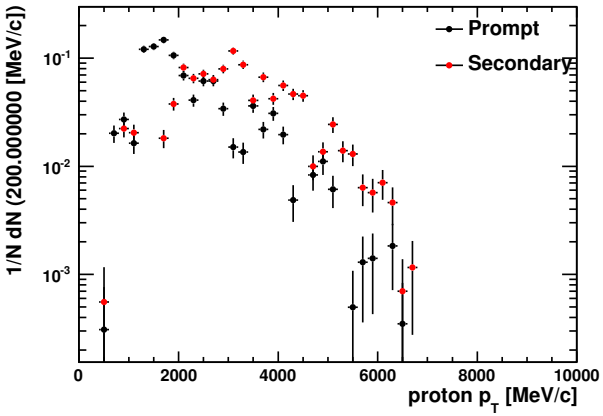
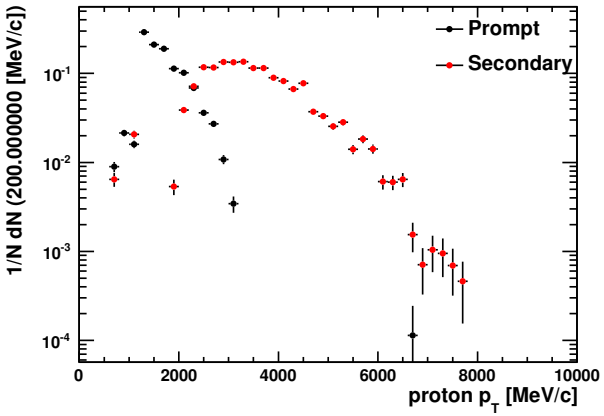
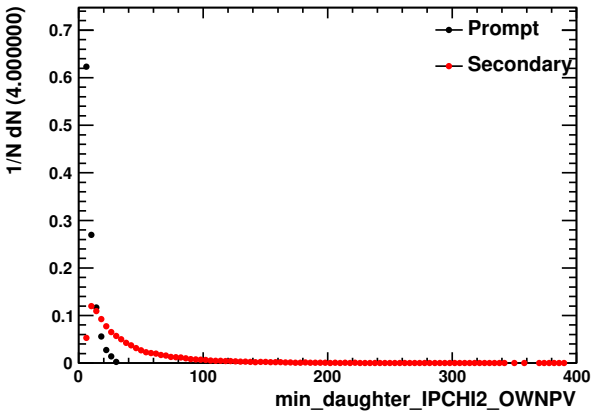


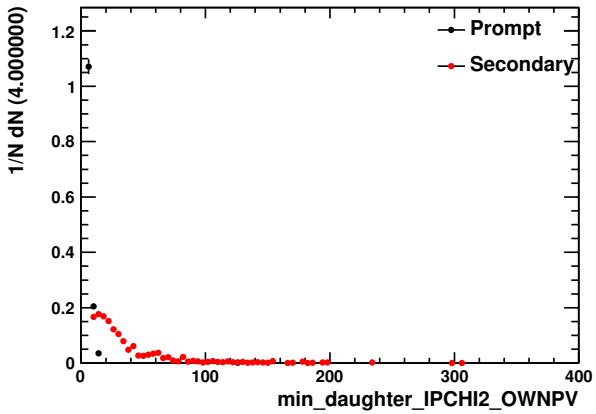




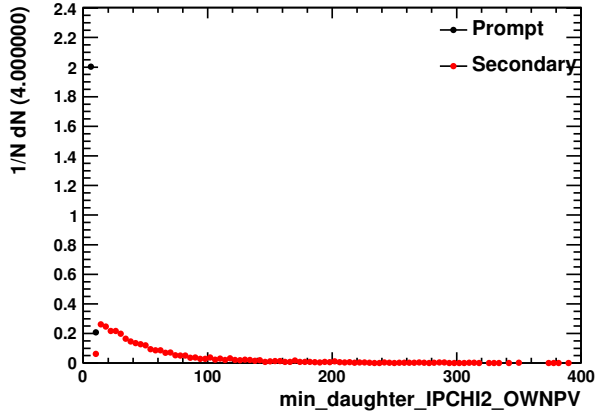
p p_{T}



$\Lambda_c^+ \to pK^-\pi^+$



$\Lambda_c^+ \to pK^-K^+$



$\Lambda_c^+ \to p\pi^-\pi^+$