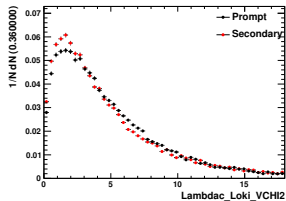


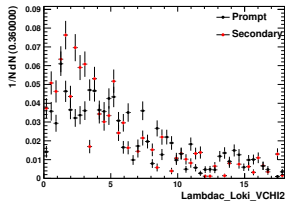
Prompt-sec control vars

- To recap: new branching fractions are... bad.
- Plots of proton $\eta - p$ distributions indicative of some absorption 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.

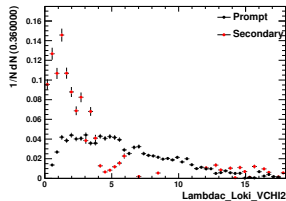
Λ_c^+ vertex χ^2



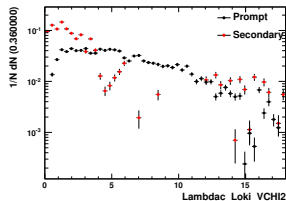
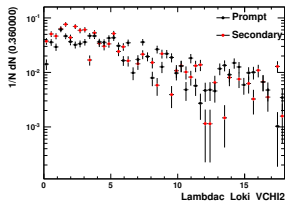
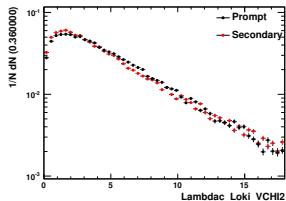
$$\Lambda_c^+ \rightarrow pK^- \pi^+$$

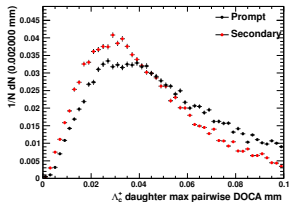


$$\Lambda_c^+ \rightarrow pK^- K^+$$

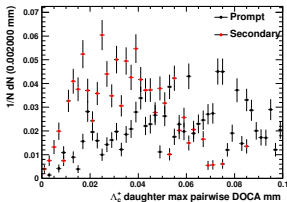


$$\Lambda_c^+ \rightarrow p\pi^- \pi^+$$

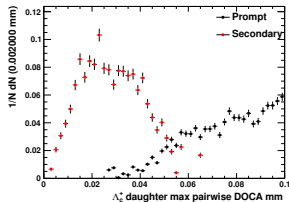




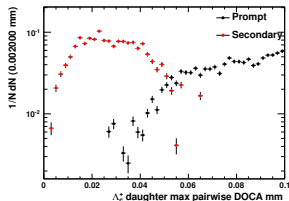
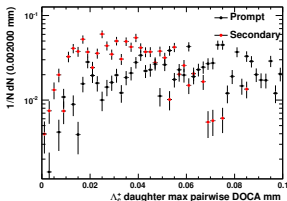
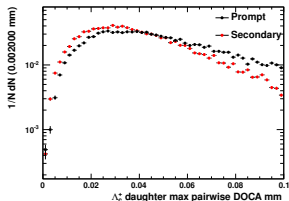
$$\Lambda_c^+ \rightarrow pK^- \pi^+$$

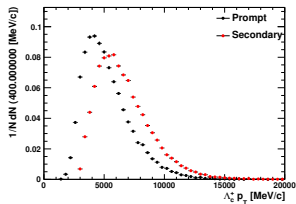


$$\Lambda_c^+ \rightarrow pK^- K^+$$

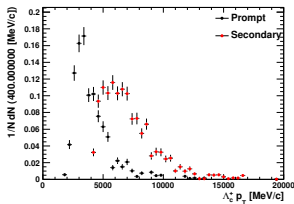


$$\Lambda_c^+ \rightarrow p\pi^- \pi^+$$

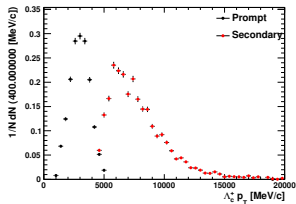




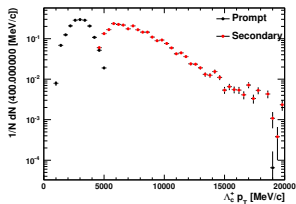
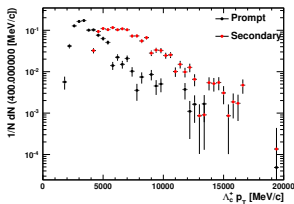
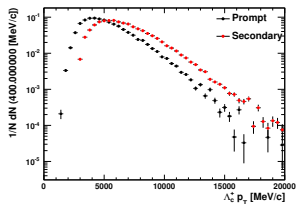
$$\Lambda_C^+ \rightarrow pK^- \pi^+$$

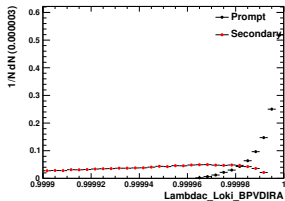


$$\Lambda_C^+ \rightarrow pK^- K^+$$

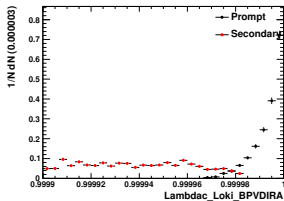


$$\Lambda_C^+ \rightarrow p\pi^- \pi^+$$

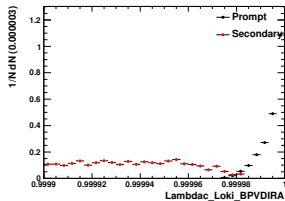




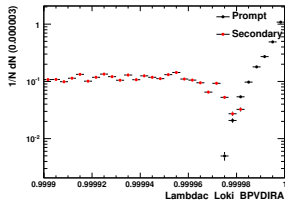
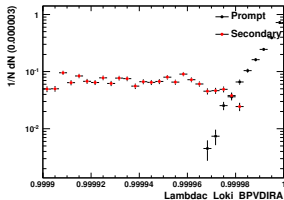
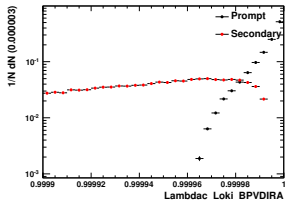
$$\Lambda_c^+ \rightarrow pK^- \pi^+$$

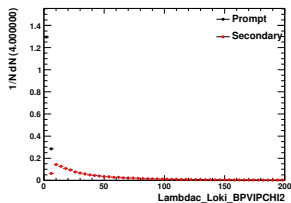


$$\Lambda_c^+ \rightarrow pK^- K^+$$

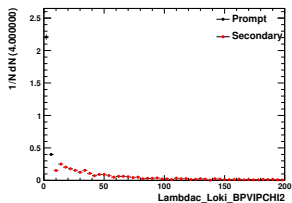


$$\Lambda_c^+ \rightarrow p\pi^- \pi^+$$

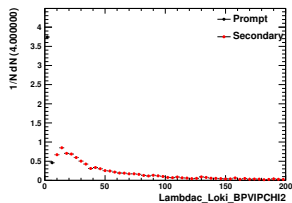




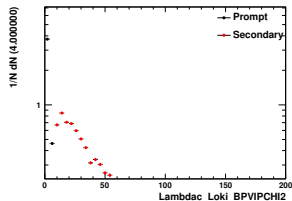
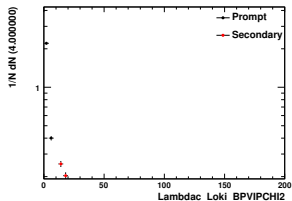
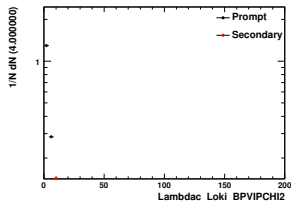
$$\Lambda_c^+ \rightarrow pK^-\pi^+$$

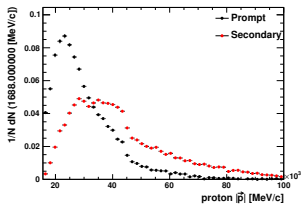


$$\Lambda_c^+ \rightarrow pK^-K^+$$

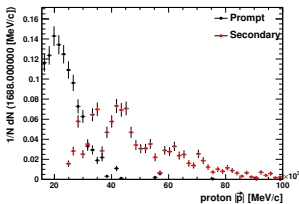


$$\Lambda_c^+ \rightarrow p\pi^-\pi^+$$

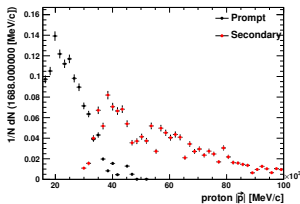




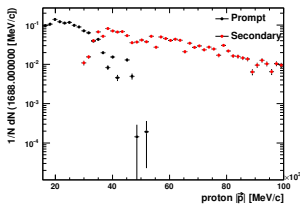
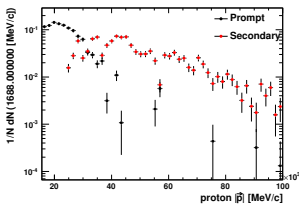
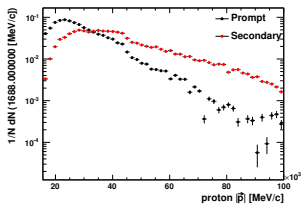
$$\Lambda_c^+ \rightarrow pK^- \pi^+$$



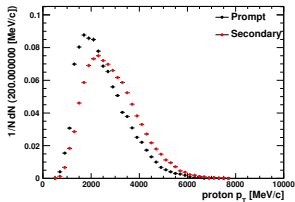
$$\Lambda_c^+ \rightarrow pK^- K^+$$



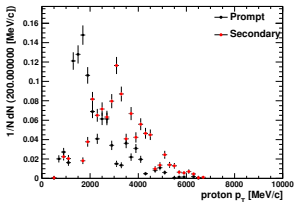
$$\Lambda_c^+ \rightarrow p\pi^- \pi^+$$



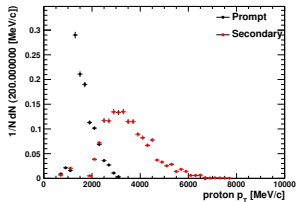
$$\Lambda_c^+ \rightarrow p h h' \text{ relative BF's}$$



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



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



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

