Triggers for $R(\Lambda_c)$



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Zurich meeting, CERN April 12, 2016

Why Triggers are important

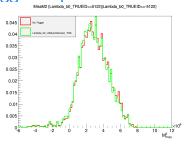
- \Rightarrow The triggers that were used in $R(D^*)$ biased the distribution of the variables that were fitted.
- \Rightarrow The bias was an unlucky one as the τ mode was getting more similar to the μ mode.
- ⇒ They eventually used a Hlt2CharmHadD02HH_D02KPi which was not designed for this analysis but by accident pick it up.
- ⇒ Today I will show the impact of the trigger line

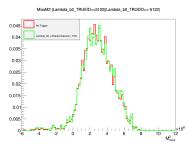
 $^{2}/_{9}$

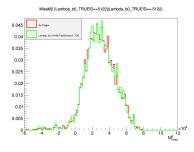
Why Triggers are important

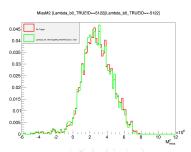
- \Rightarrow The triggers that were used in $R(D^*)$ biased the distribution of the variables that were fitted.
- \Rightarrow The bias was an unlucky one as the τ mode was getting more similar to the μ mode.
- ⇒ They eventually used a Hlt2CharmHadD02HH_D02KPi which was not designed for this analysis but by accident pick it up.
- ⇒ Today I study if the distribution changes for the baryon case.
- ⇒ In all cases I will use one stripping line:

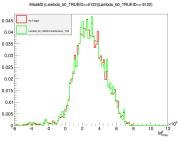
Strippingb2LcMuXB2DMuNuXLine

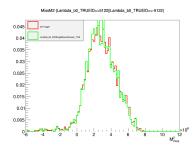


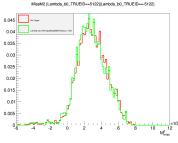


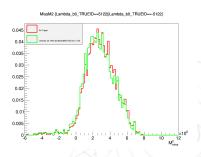


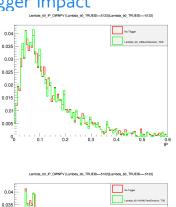


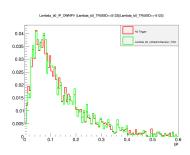


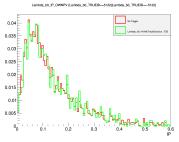


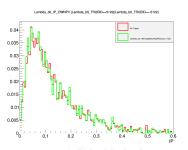


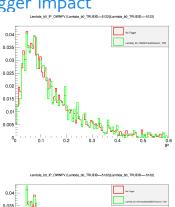


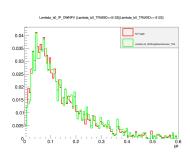


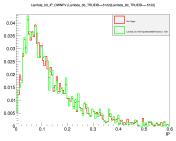


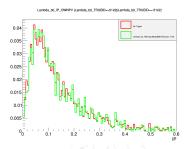


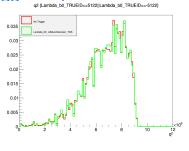






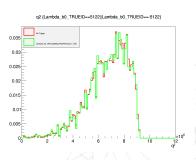








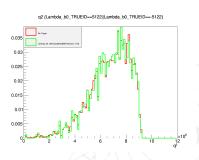












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