Offene Fragen

Tobias Weisrock

21. Januar 2013

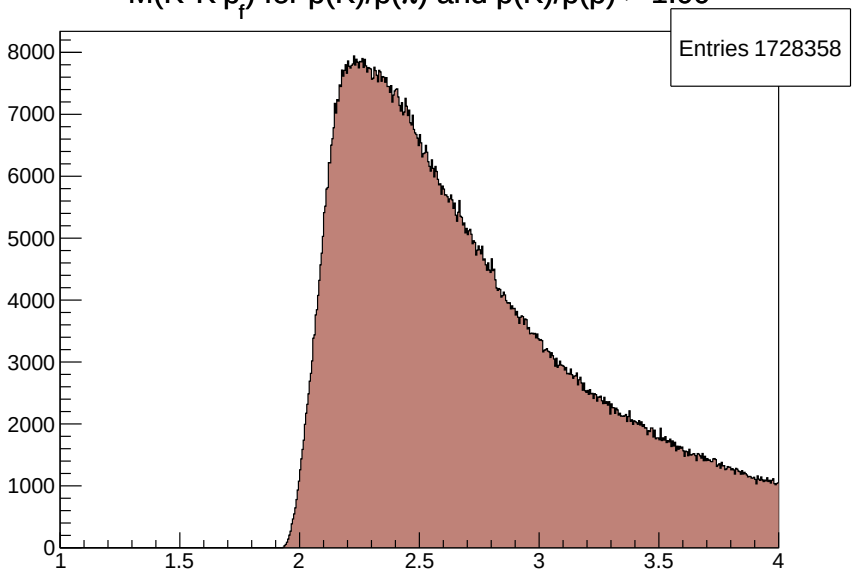
JOHANNES GUTENBERG
UNIVERSITÄT MAINZ

RICH cut for $\mathbf{p_f K^+ K^- p_{rec}}$

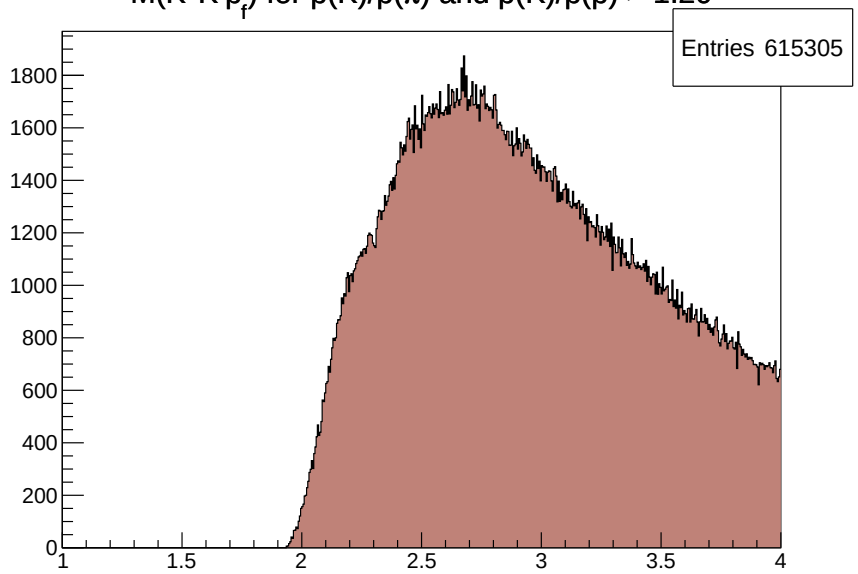
Problem mit der Analyseprozedur

$p_f K^+ K^-$ invariant mass

Likelihood ratio $>$ **1.00**



Likelihood ratio $>$ **1.20**



$p_f K^+$ invariant mass

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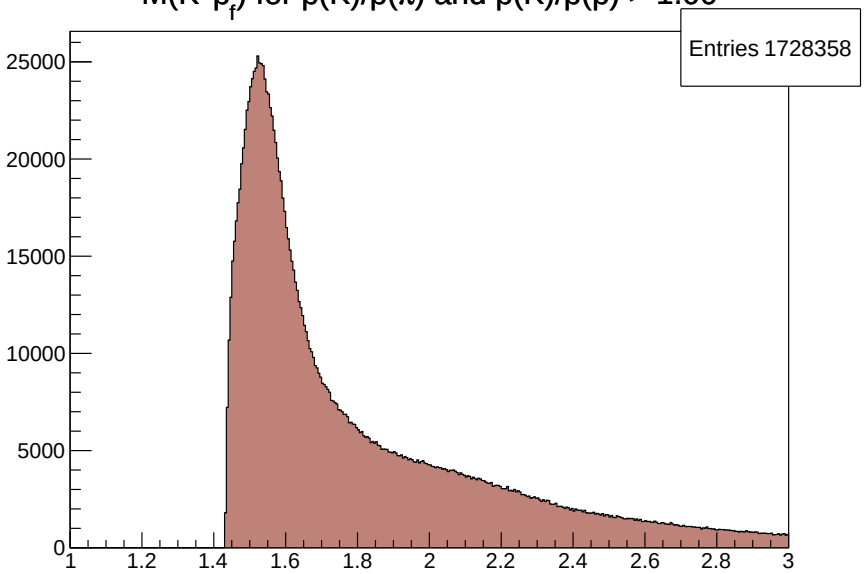

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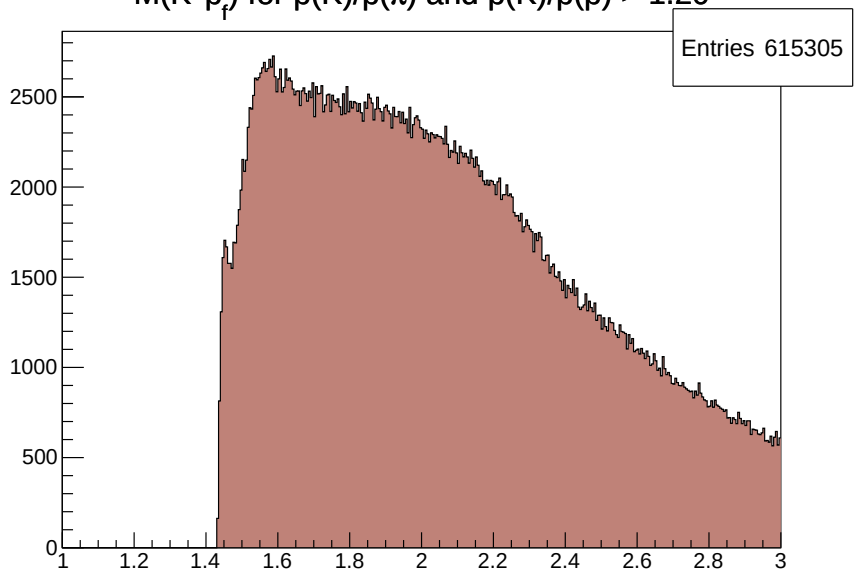

$p_f K^-$ invariant mass

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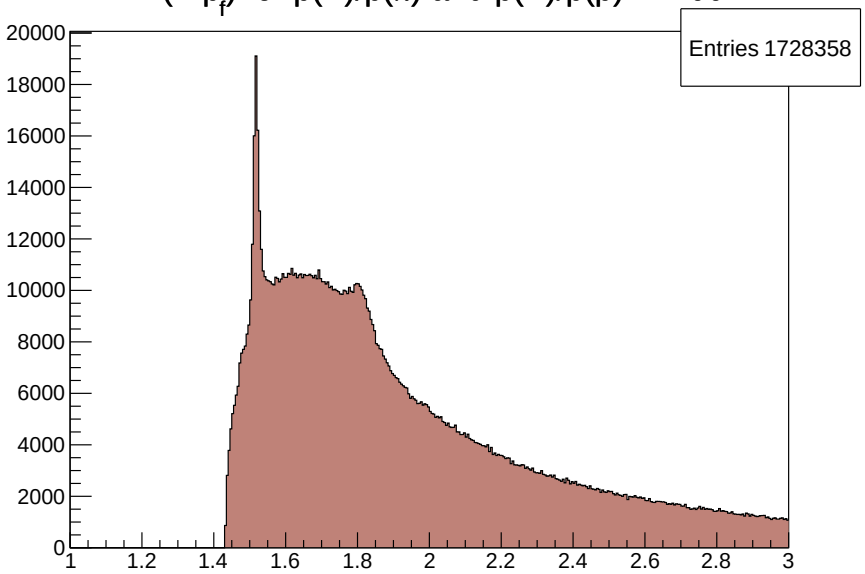
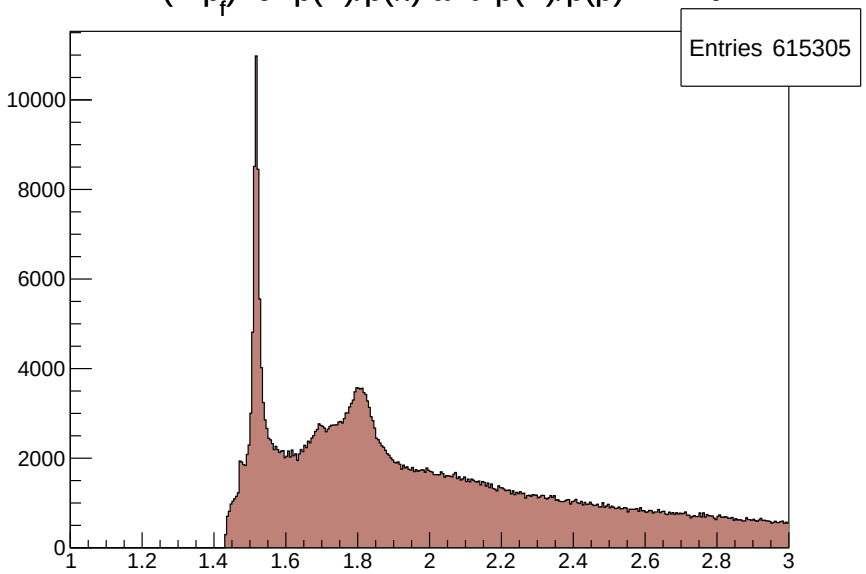


Likelihood ratio $>$ **1.20**



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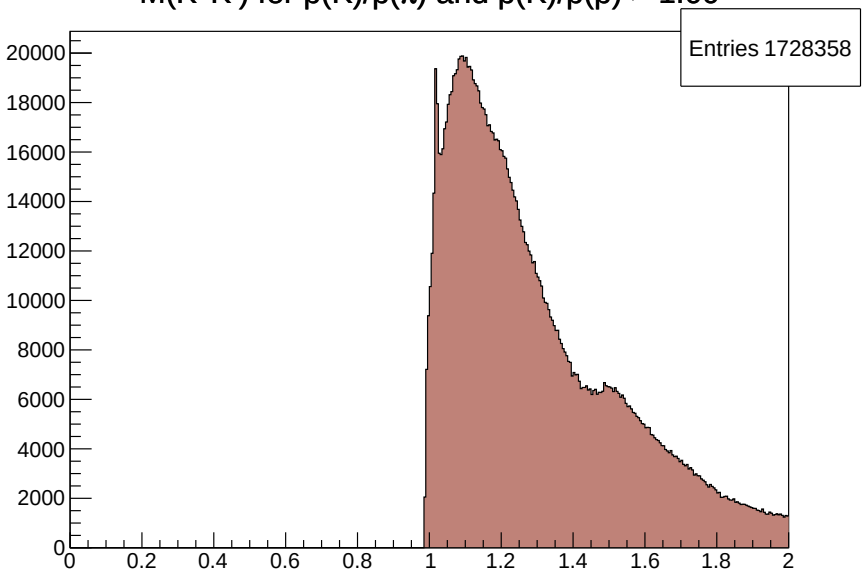
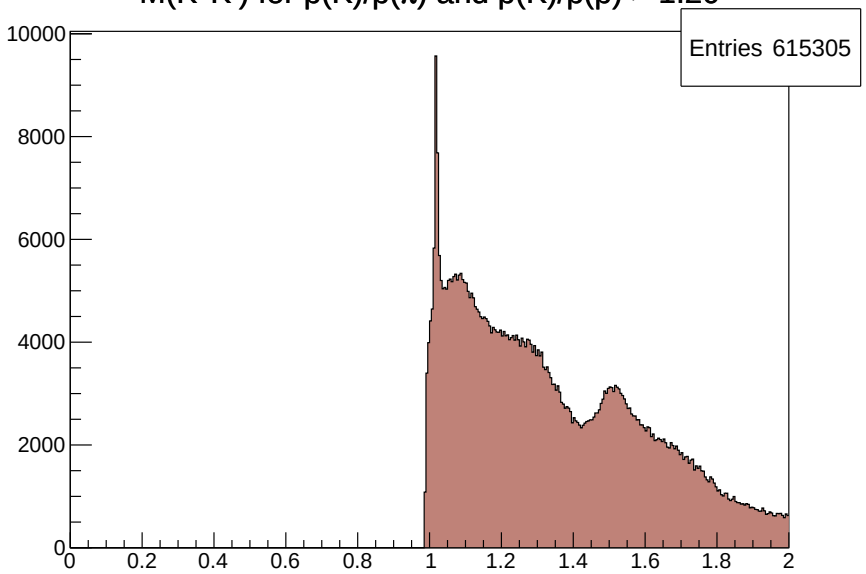
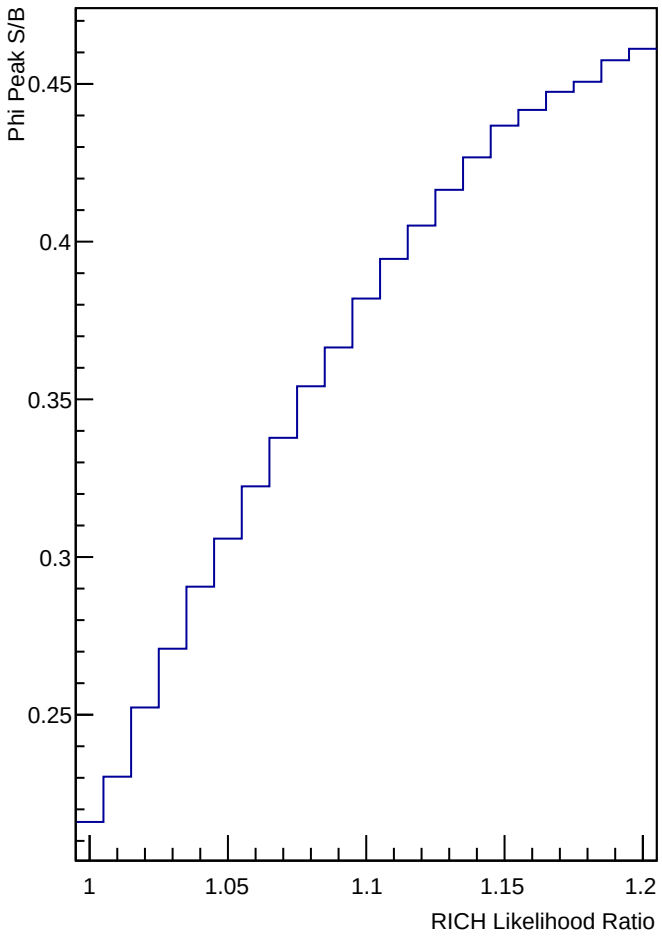
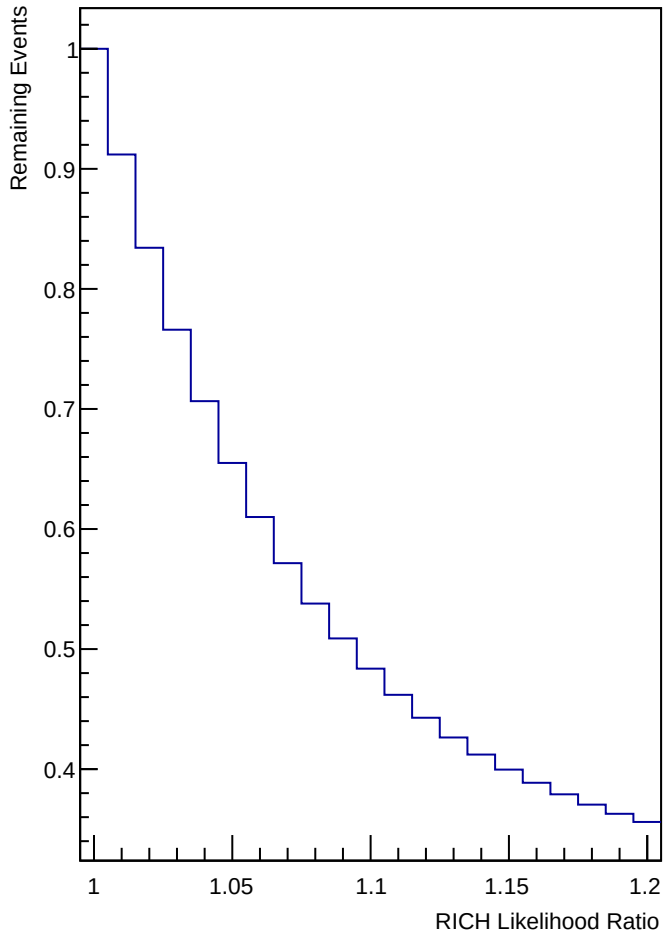


Likelihood ratio $>$ **1.20**

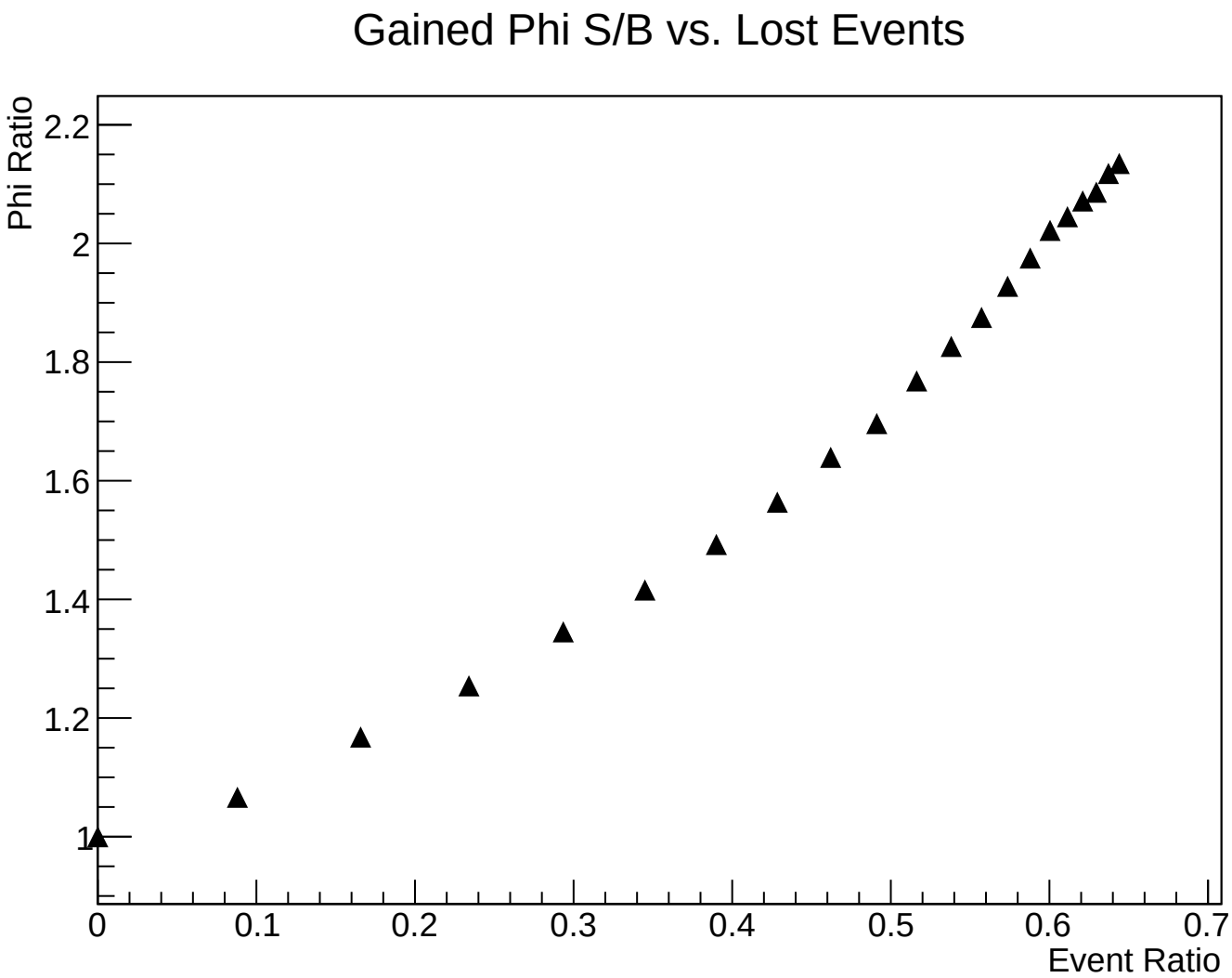


Loss and Gain



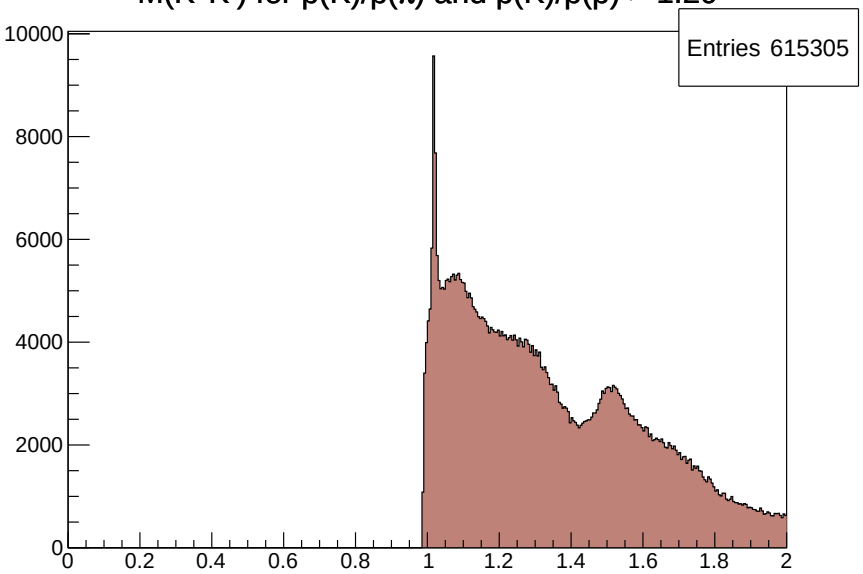


Loss and Gain

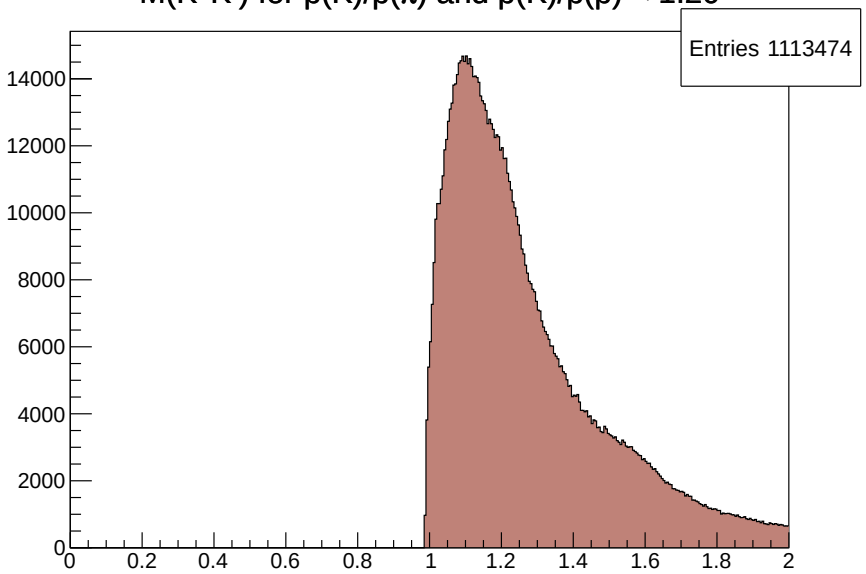


K^+K^- invariant mass

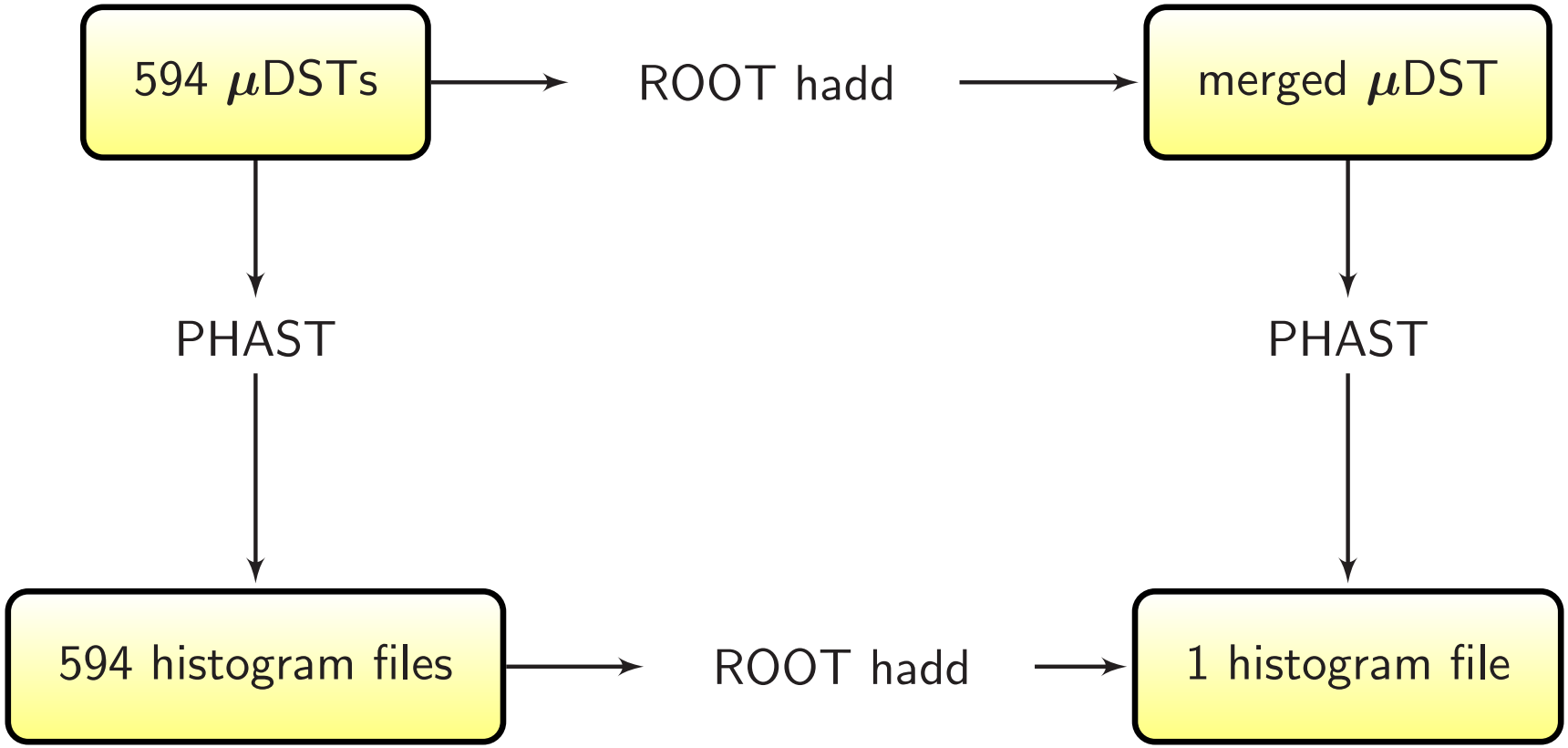
Likelihood ratio > 1.20



Likelihood ratio < 1.20

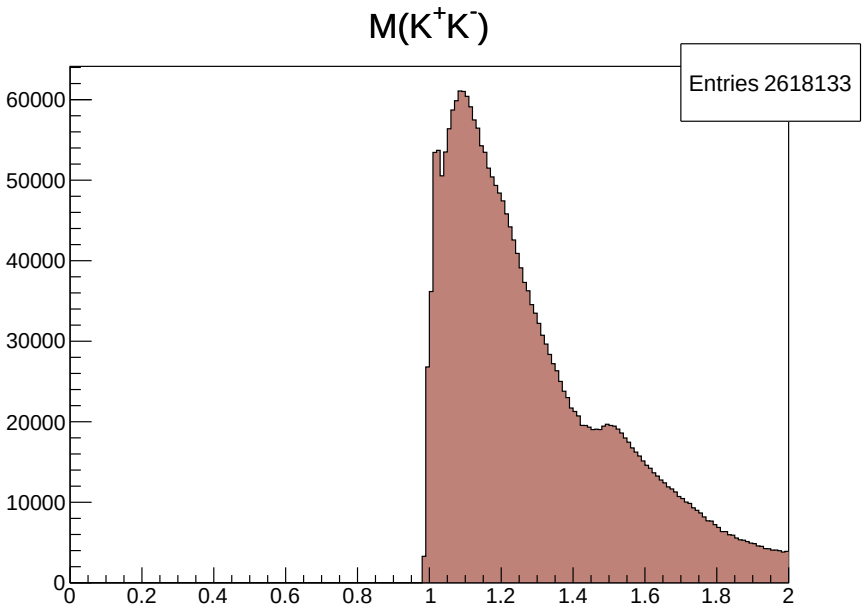


Darstellung des Problems

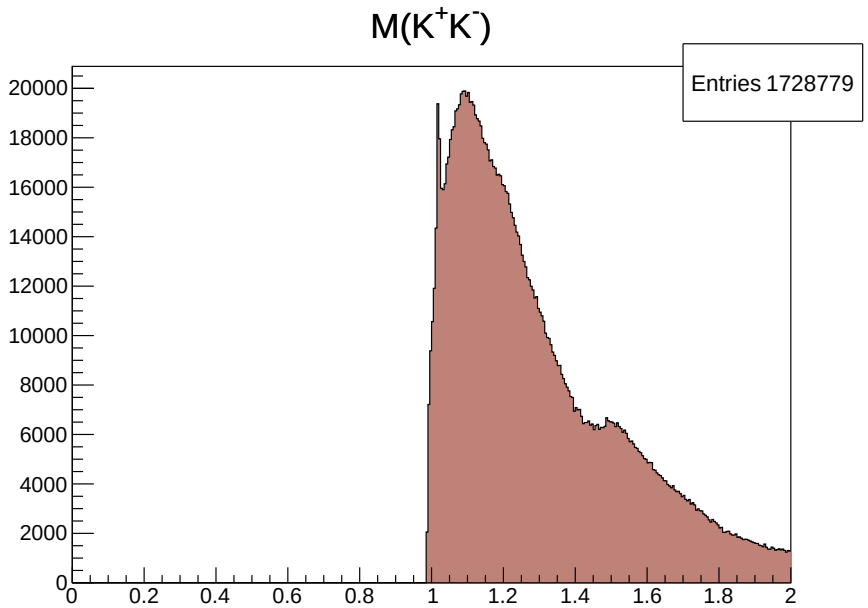


K^+K^- invariant mass

PHAST → ROOT hadd



ROOT hadd → PHAST



$2618133 \neq 1728779$!!

BACKUP