More precise background estimation

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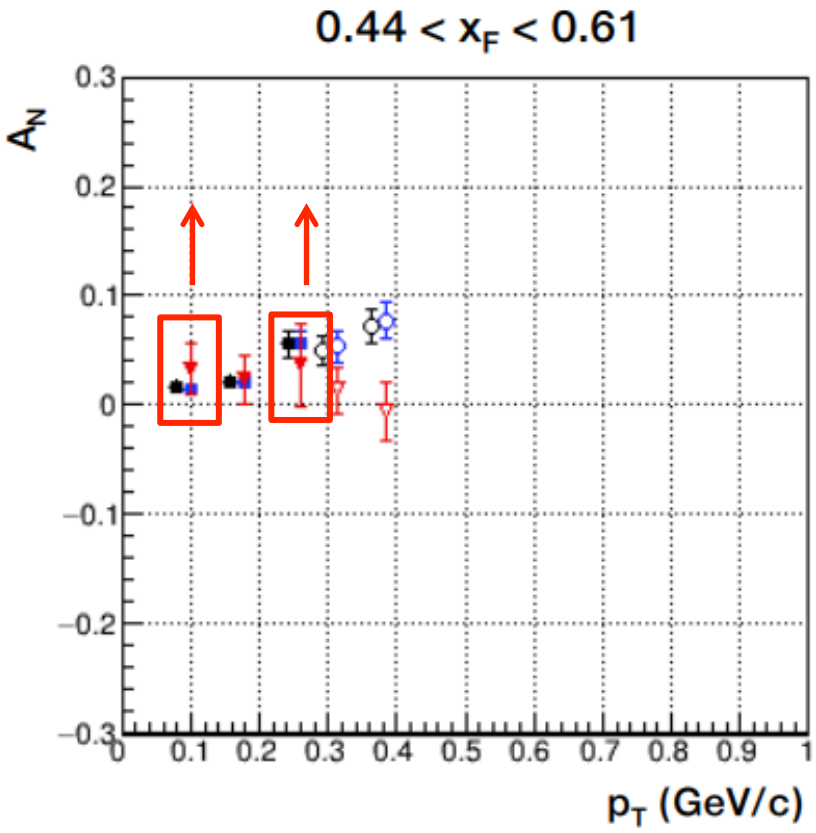
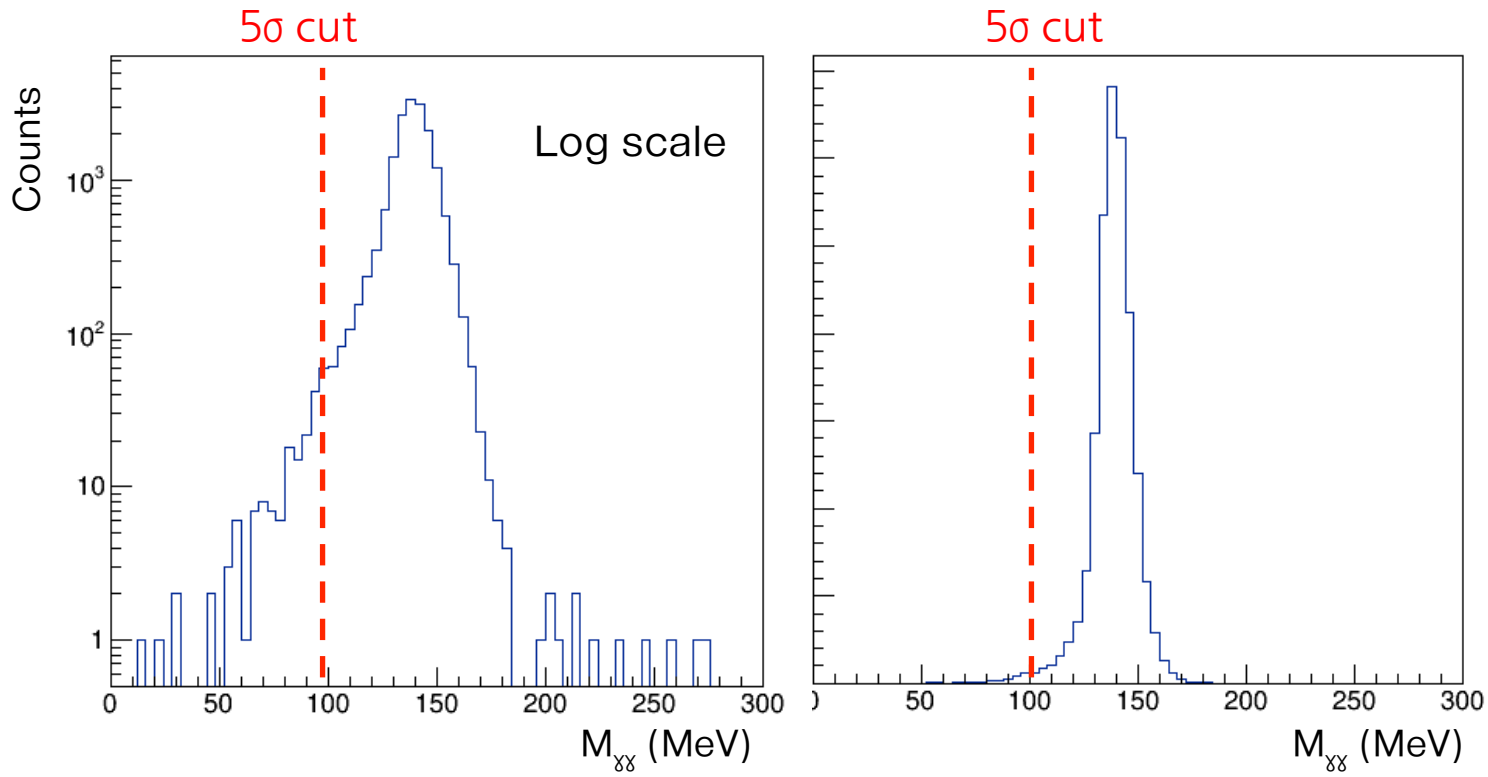
Report at last RIKEN RHICf meeting



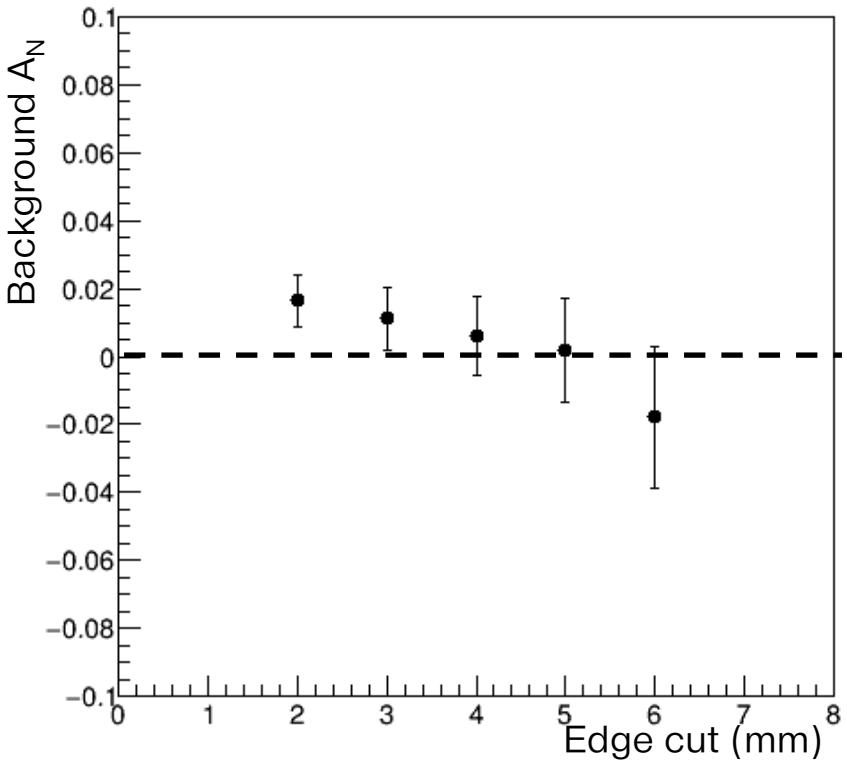
- Background A_N goes up with different beam center.

$M_{\gamma\gamma}$ distribution shape of pure π^0



- Photon hit at the edge side of the tower makes π^0 tail.
- π^0 can be included in background sample if the background is considered by the 5σ away condition because of this π^0 tail.
- If there is no background event, this π^0 tail will be considered as background with finite asymmetry.

(Indirect) proof by data



- More strict edge cut seems to include more pure background sample by removing π^0 tail.