



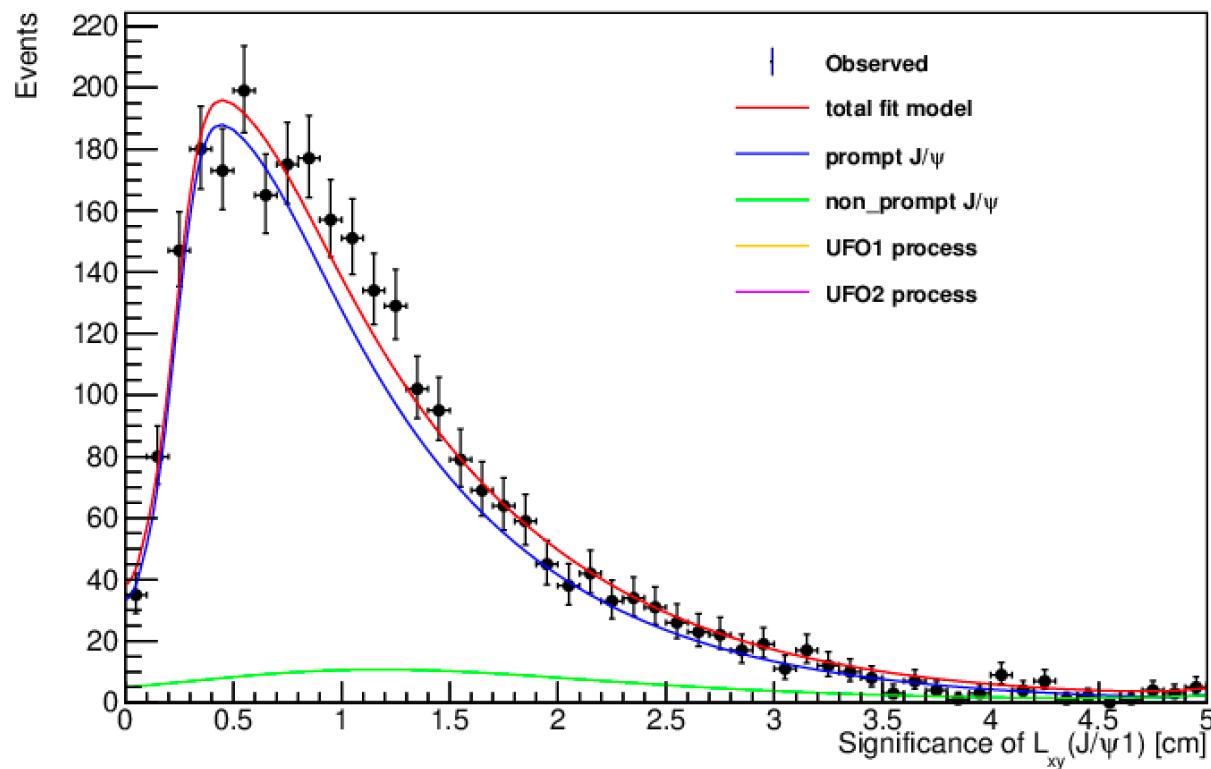
中國科學院高能物理研究所
Institute of High Energy Physics
Chinese Academy of Sciences



Double Jpsi

Taozhe Yu

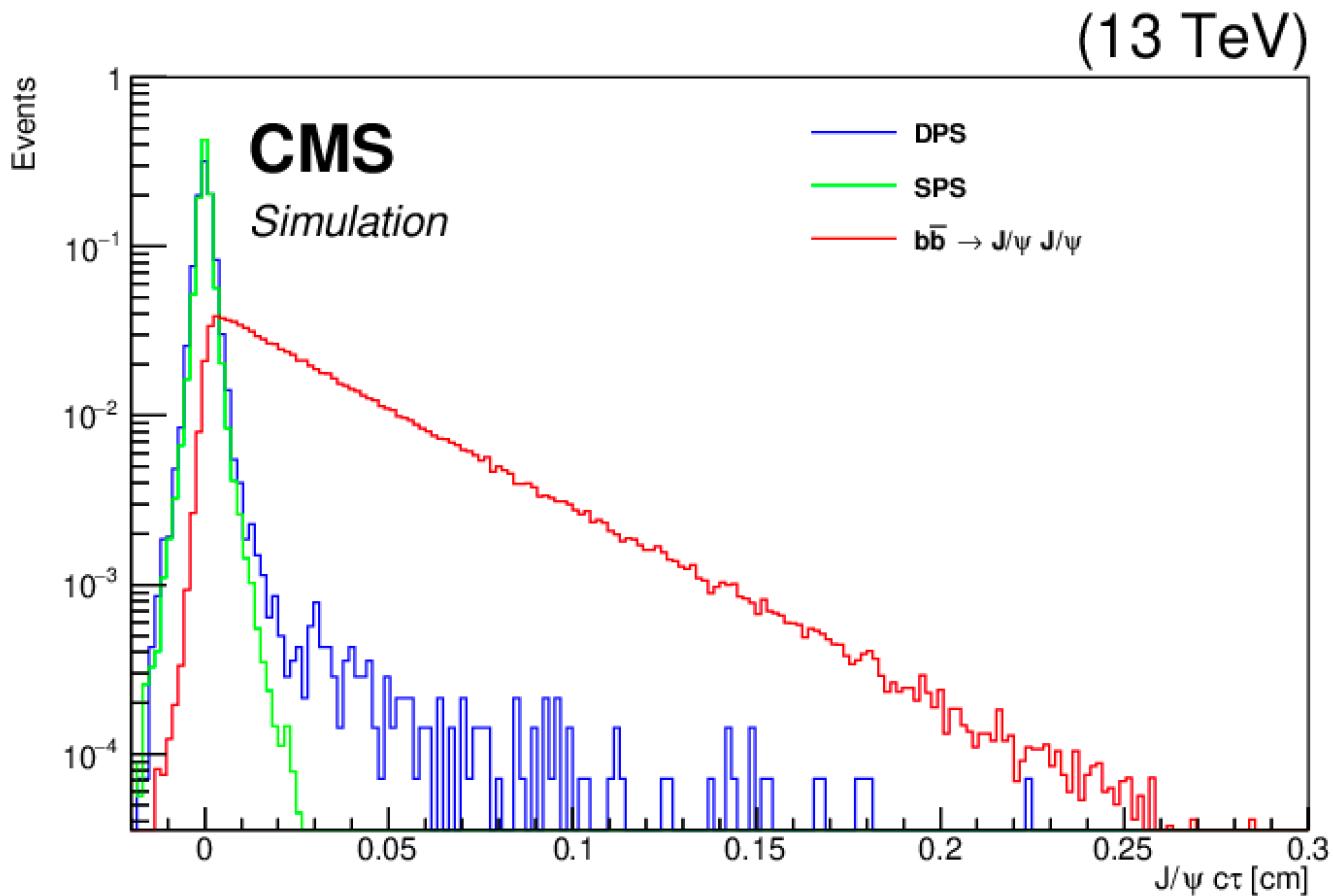
Double gauss convolution Exp function



- I use double gauss convolution Exp function to fit Significance of L_{xy}
- The fit result seems still unreasonable

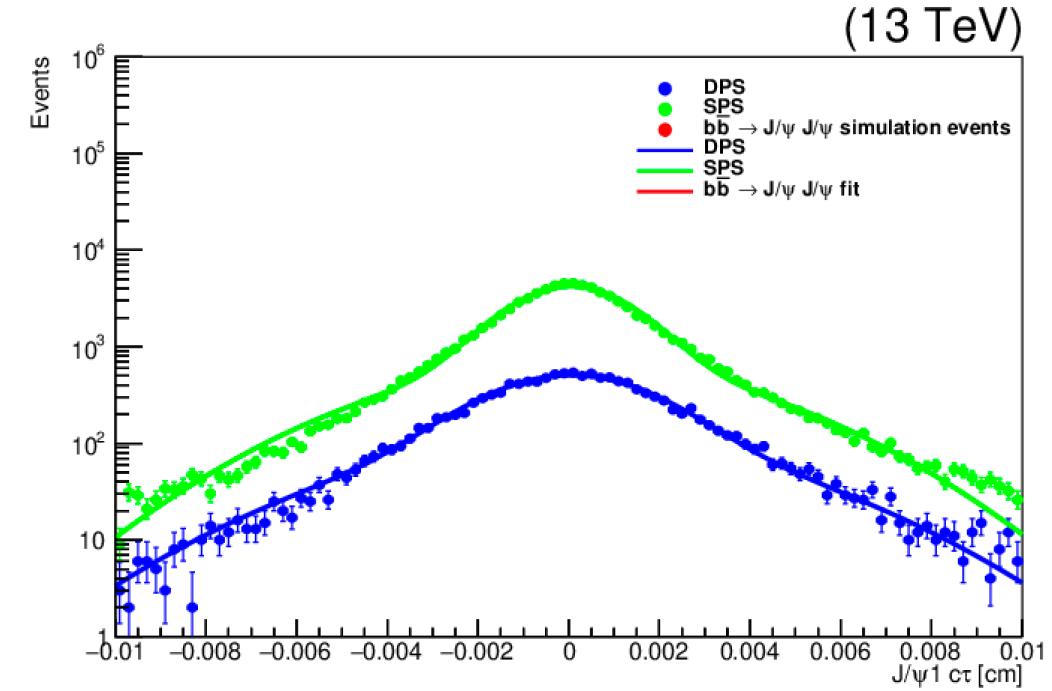
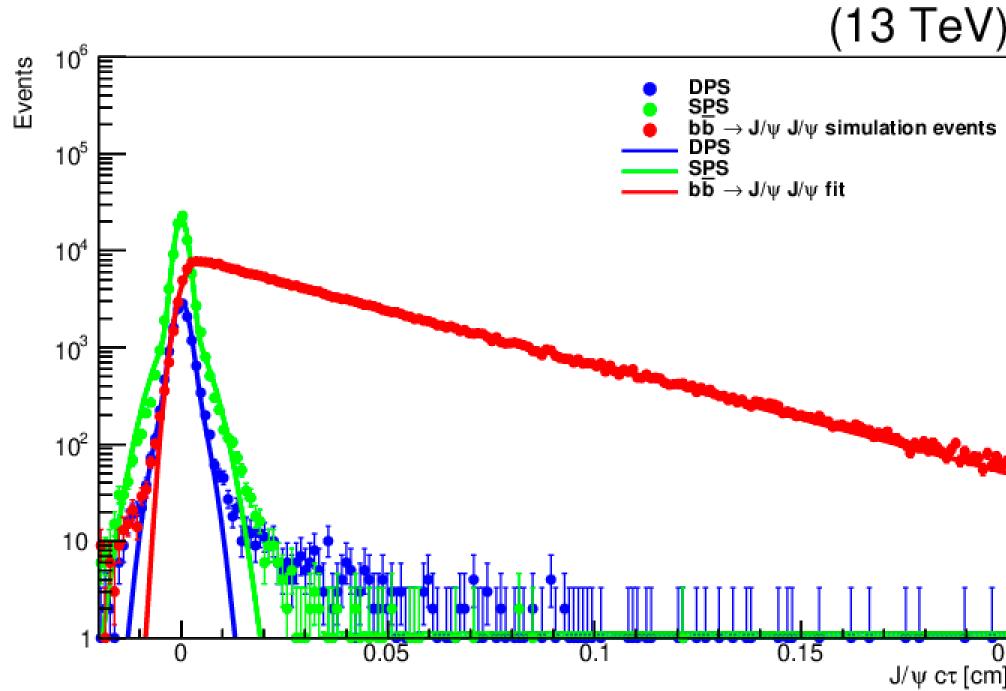


Ctau distribution without 4mu cut



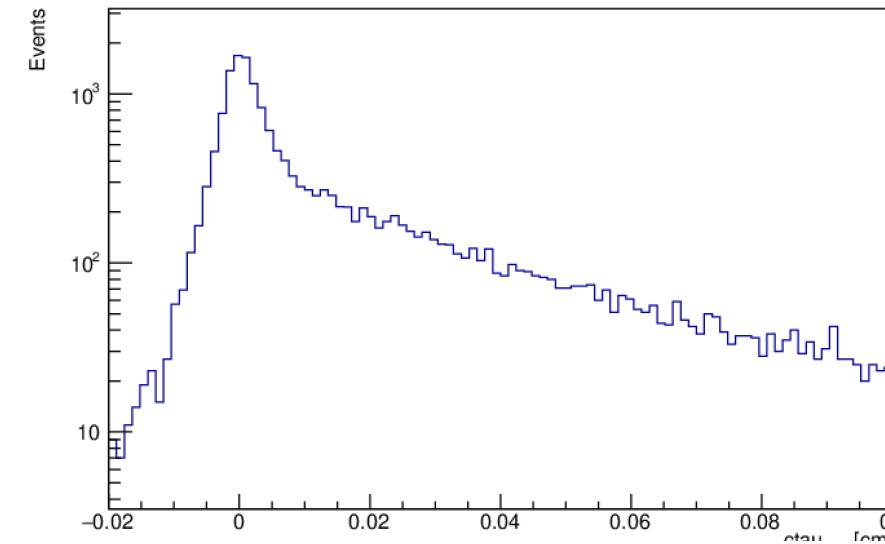
- The ctau distribution without 4mu cut

Fit the ctau without 4mu cut

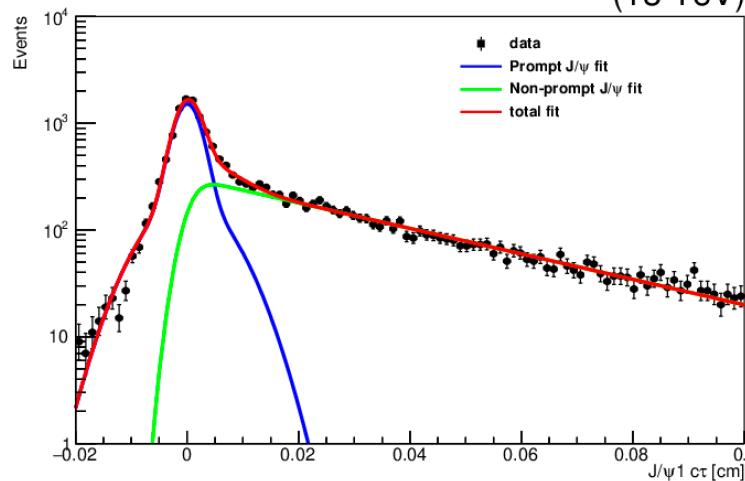


- Use double gauss function to fit prompt
- Use gauss Convolution Exp function to fit non-prompt

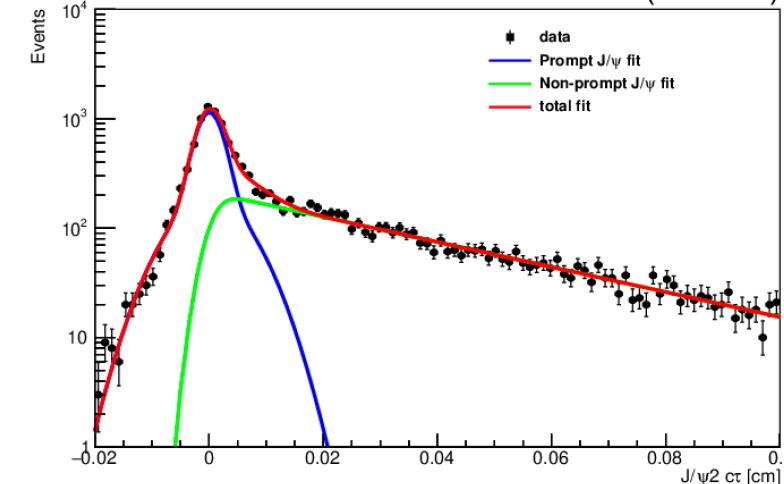
Data ctau 1D fit



(13 TeV)

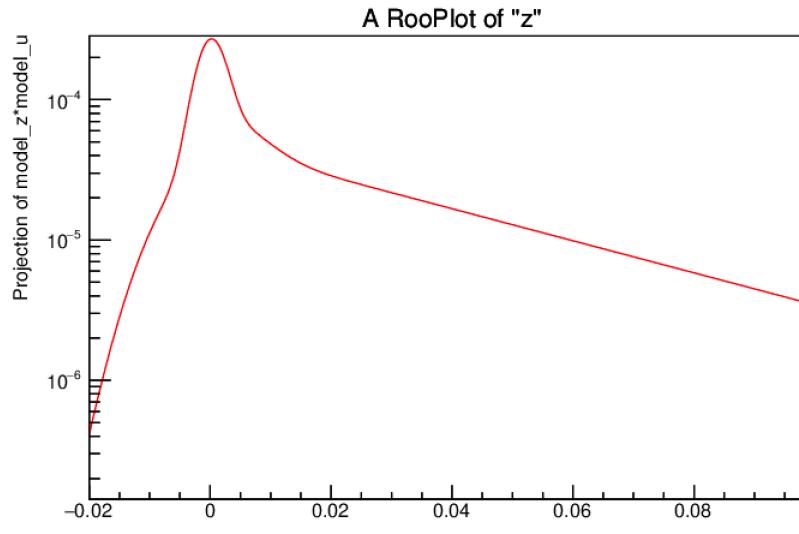
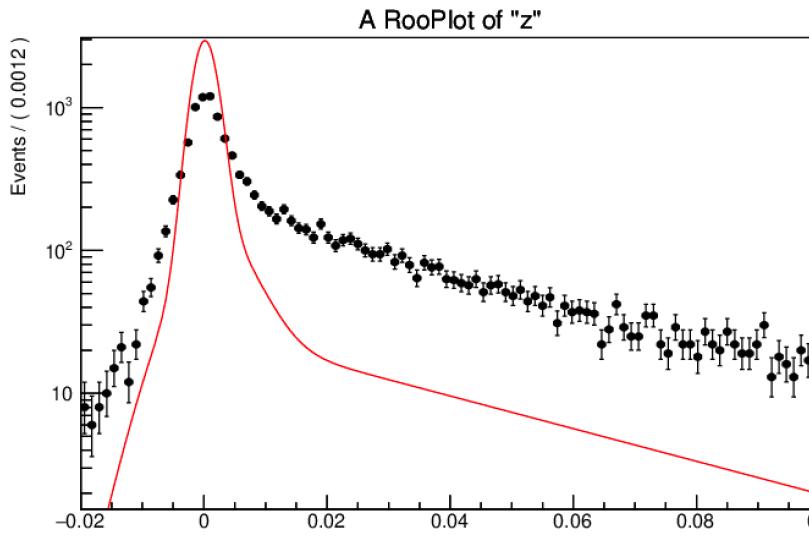


(13 TeV)

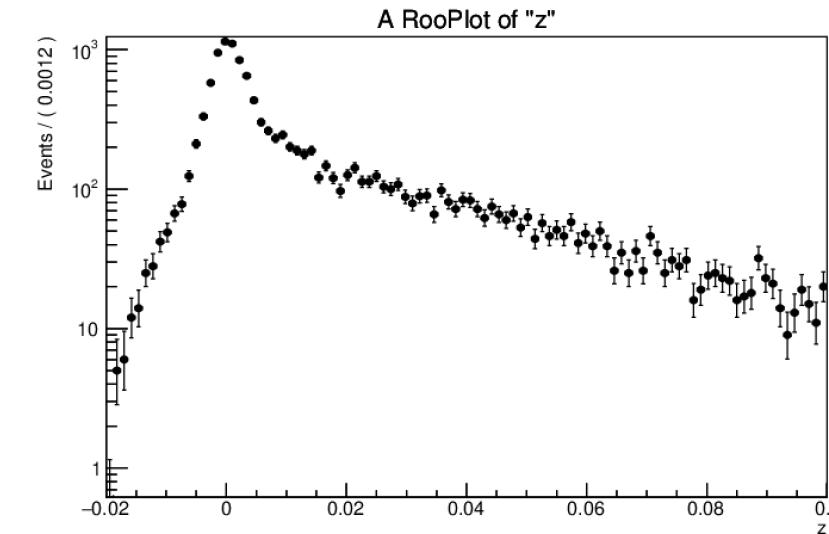


- The fit parameter get from MC fit

Data ctau 2D fit



- 2D fit seems have problem, the projection seems not fit the data



Check the 2D function projection distribution

Uses 2D function to produce toy data



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backup

