

Measurement of Prompt and Non-prompt J/ψ in Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV in Central Barrel

Himanshu Sharma

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ALICE

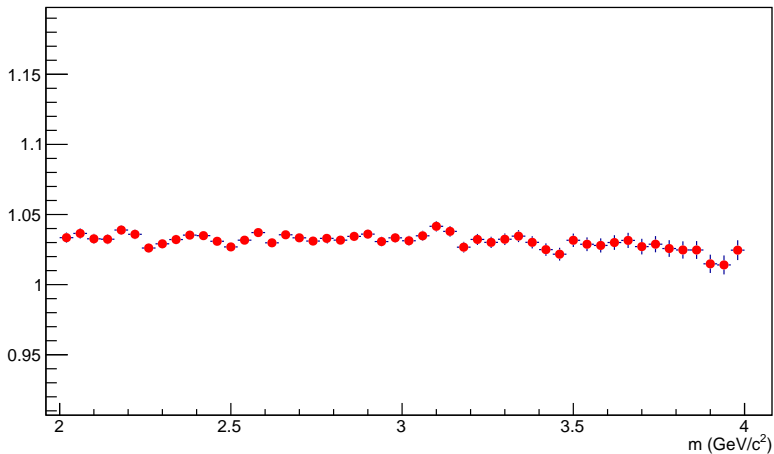
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Done this Week :

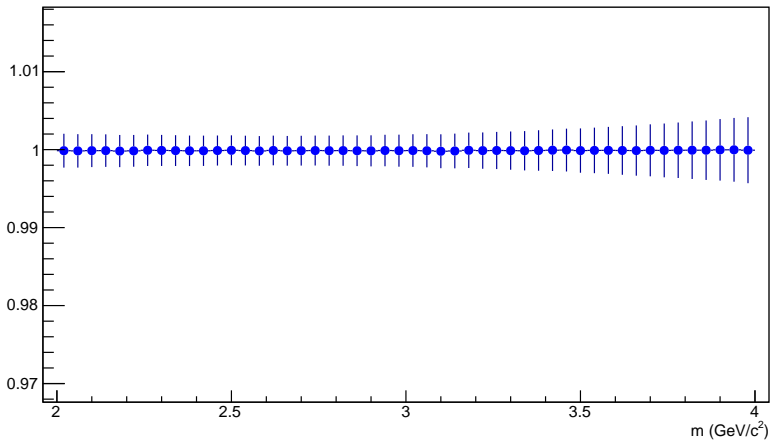
- Comparison of Like-sign pairs.
- Comparison of Arithmetic Mean and Geometric Mean methods.
- J/ψ -signal for different centralities and p_T ranges.
- Collection of Trees from LHC18r

Ratio of Like sign pairs

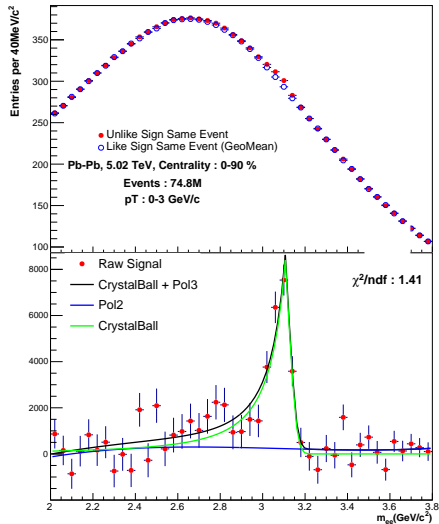
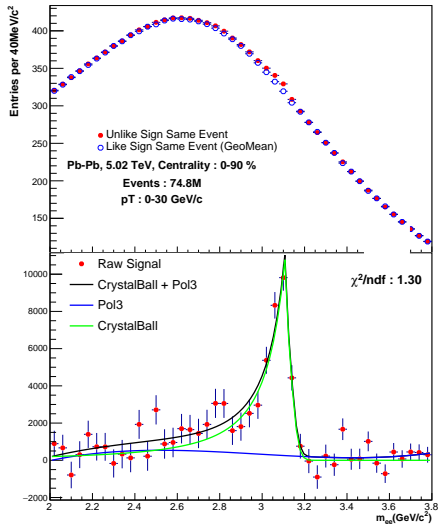
$$N_{++}/N_{--}$$

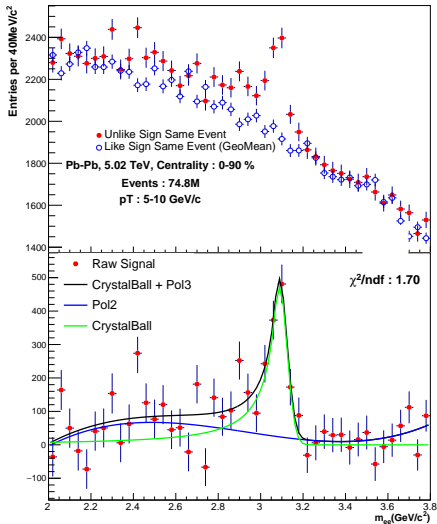
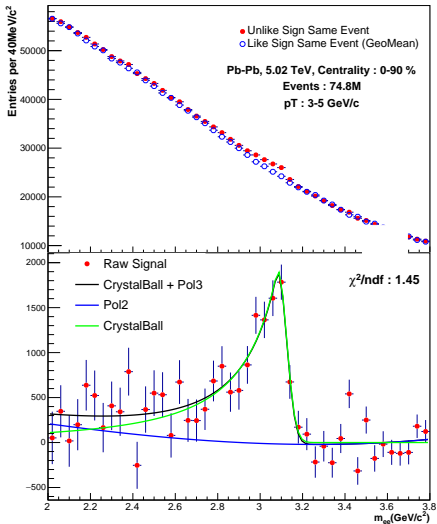


Ratio of GM vs AM of Like-sign pairs



J/ψ -signal for different p_T ranges.





- To get the best fit in different Centralities, I have to tune the parameters.

To Do :

- Analysis of LHC18r Trees (Parallel)