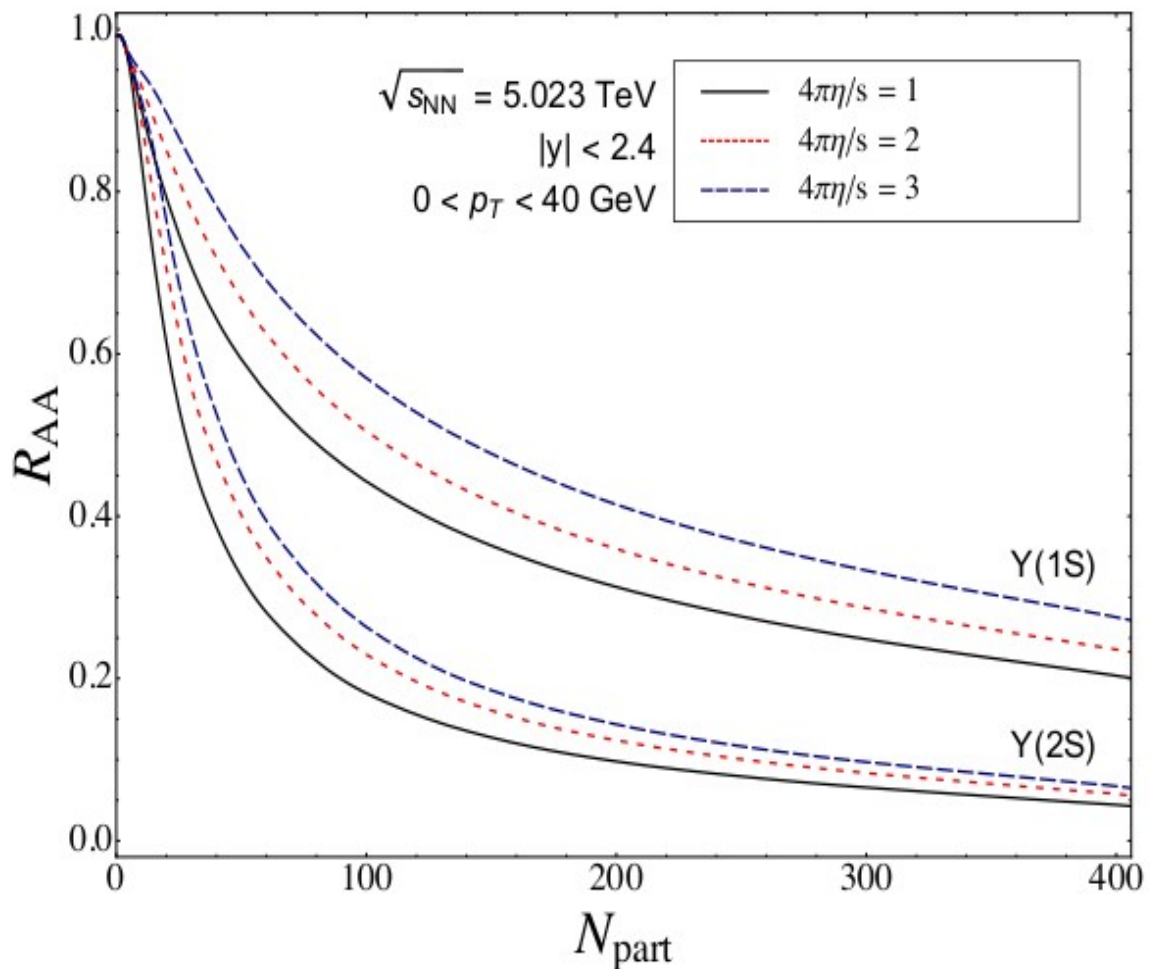
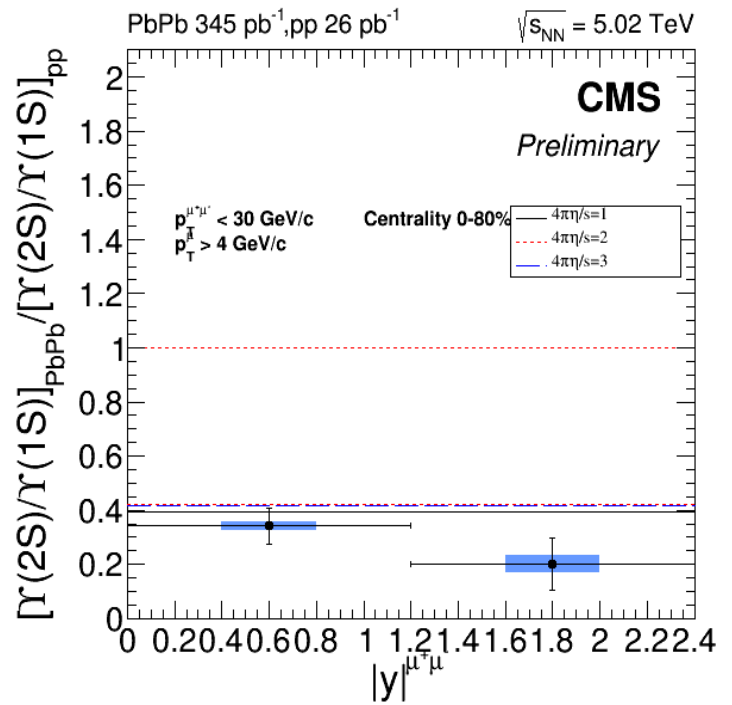
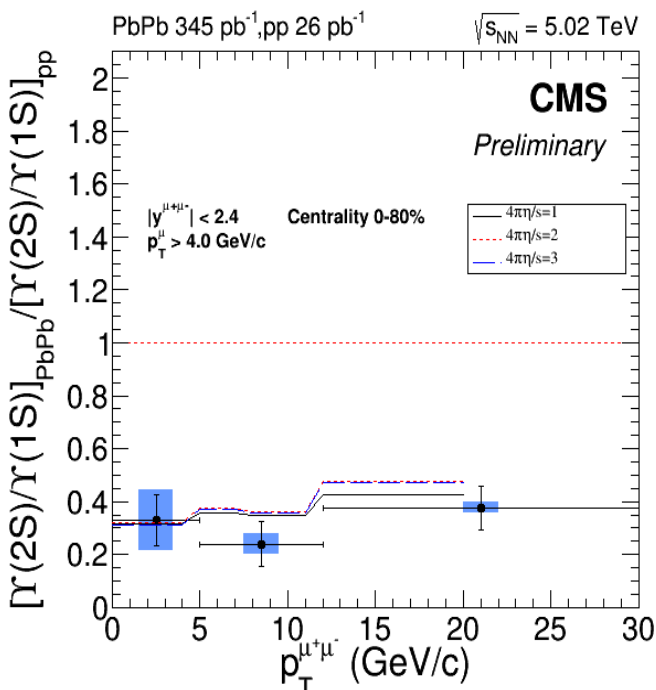
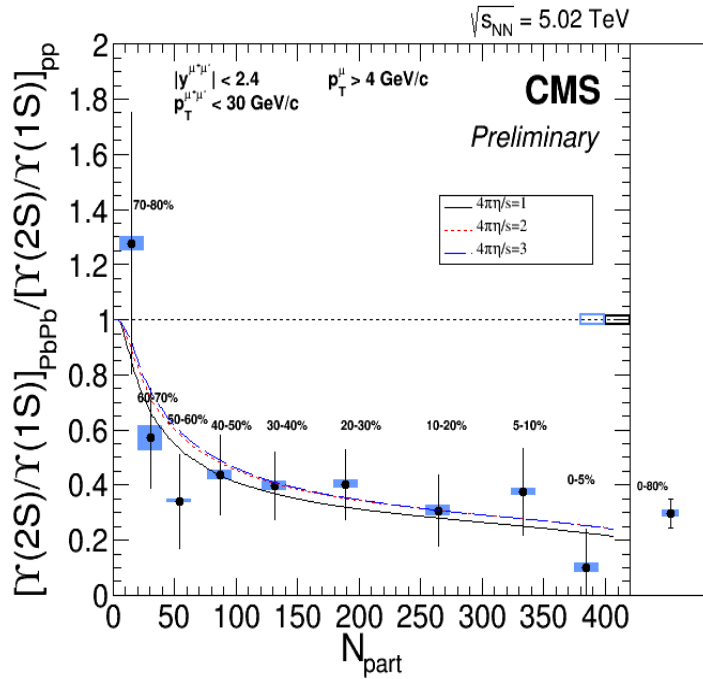


RAA Prediction [\[arXiv:1605.03561v1\]](#)

- Initial Temperature in order of 600 ~ 700 MeV
- Extract double ratio from the RAA value of Y(1S) & Y(2S)
- RAA vs Centrality, p_T , rapidity

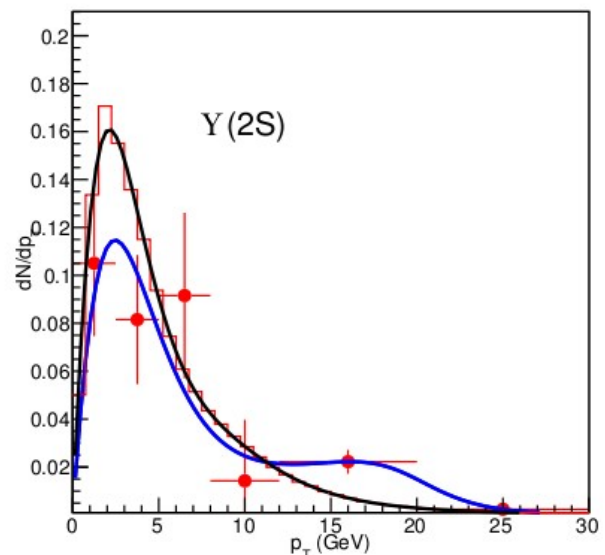
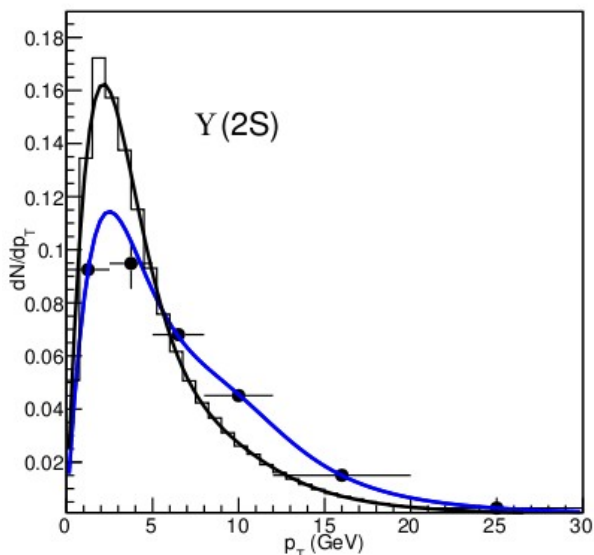
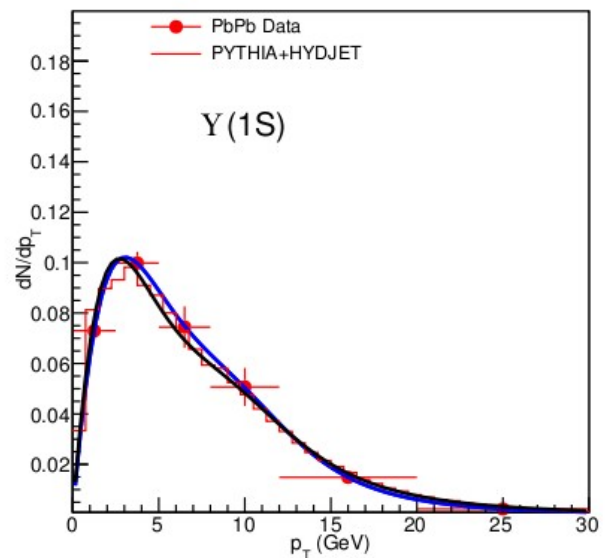
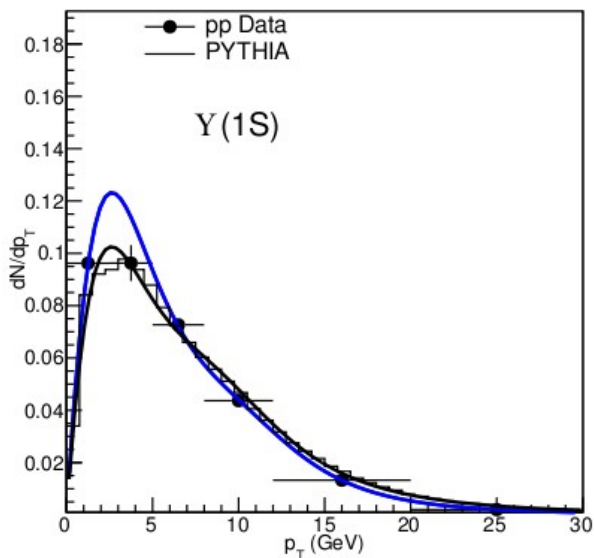


Double Ratio Prediction

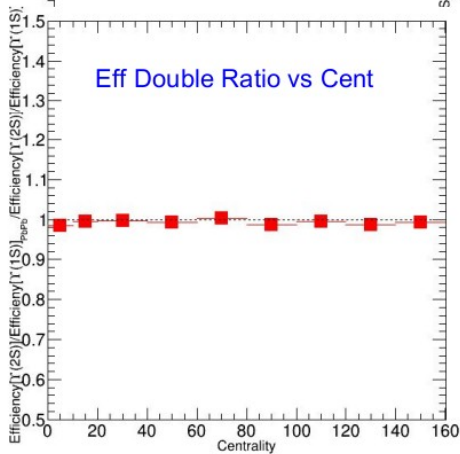
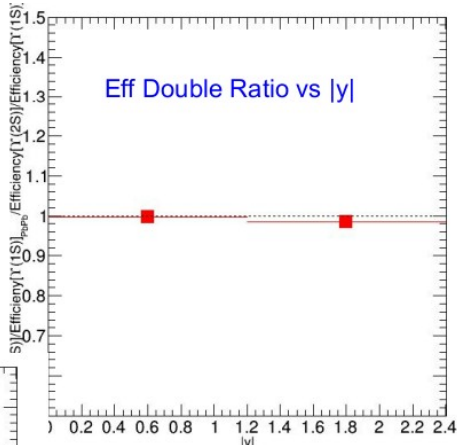
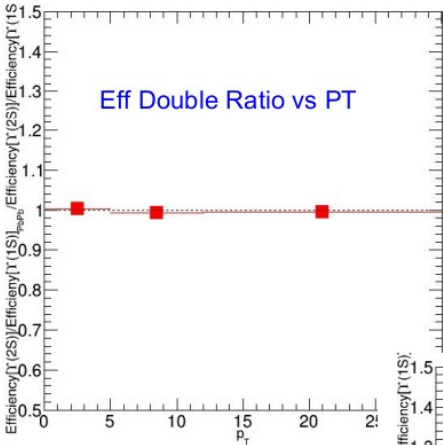


dN/dp_T Spectrum Weight

- Efficiency reweighted by the ratio of Data/MC
- Exponential below 20GeV , Power function above 20GeV
- Based on BPH-12-006 pp at 7TeV
- 1S weighting applied to 2S because of the low statistics
- Finer(Merged) bins or different fit function is available



Efficiency Reweighted



Conclusion:

Tends toward unity!

Systematic:
Deviation from 1