

# Self-introduction

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Now I have just finished 3<sup>rd</sup>  
year in NMSU

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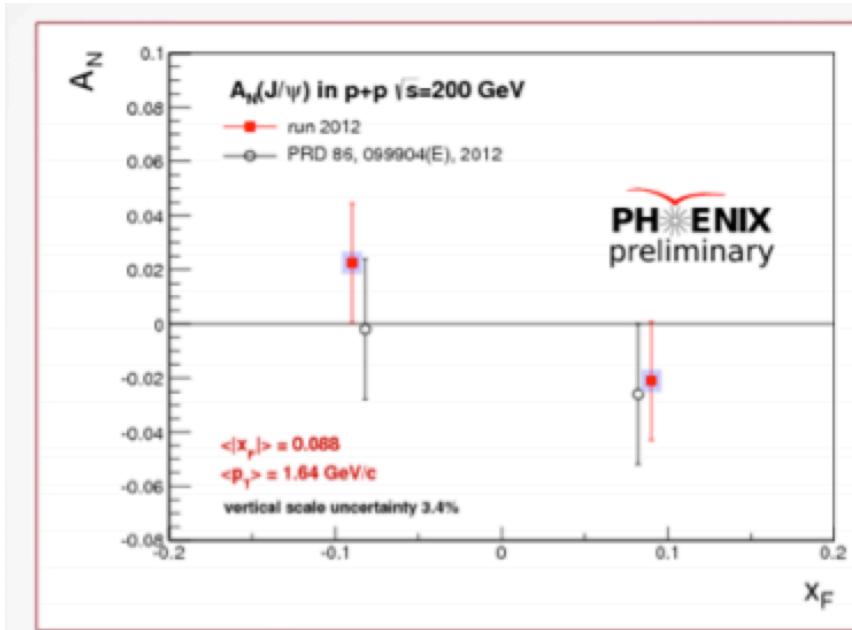
Analysis:  $J\psi A_N$  of p+p and  
p+Au for Run15.



# PHENIX

- Joined PHENIX in the summer of 2014
  - Took shift
  - Learn subsystems in PHENIX
- Started J/psi AN analysis with Run15 data
  - QA
  - Background fraction with GPR
  - Spin Analyzer
  - ...

# Result from earlier analysis

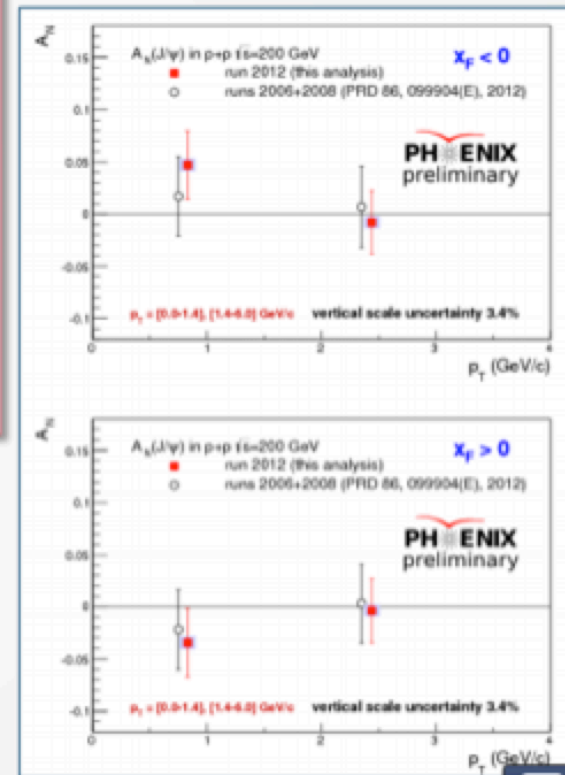


- Observed  $A_N$  are consistent with zero
- Higher moments consistent with zero
- Measured asymmetries are consistent between data sets

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From Oleg's DIS2013 talk

$p_T$  dependence



# Run15 pp and pAu data

For pp:

Run6: 1.8pb<sup>-1</sup>, Pol =53%

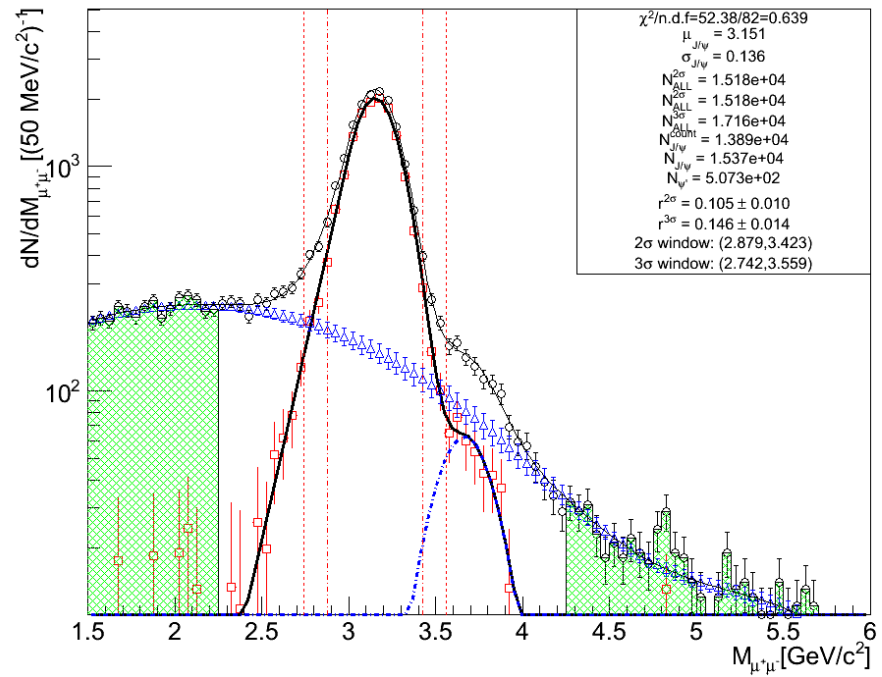
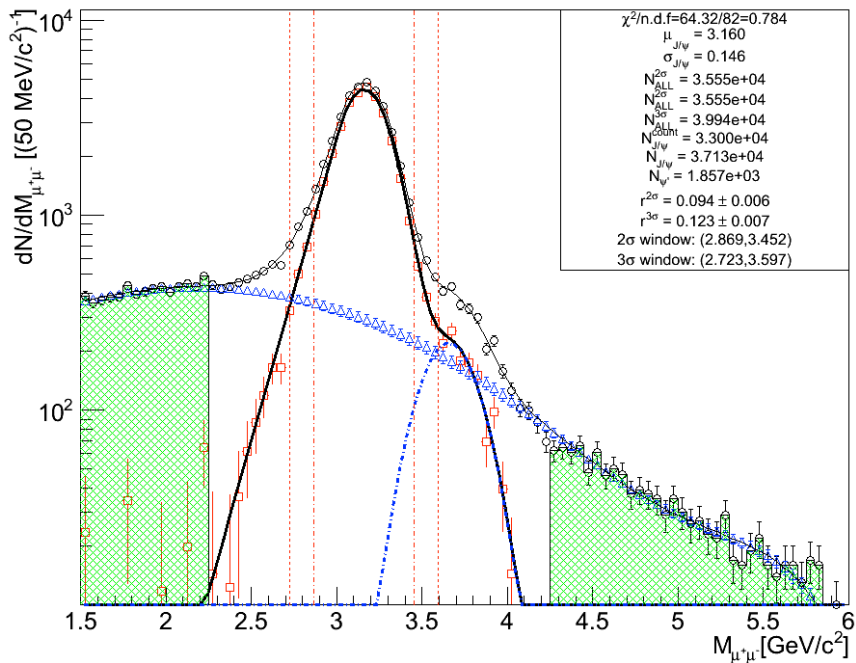
Run8: 4.5pb<sup>-1</sup>, Pol = 45%

Run12: 9.2pb<sup>-1</sup>, Pol = 60%

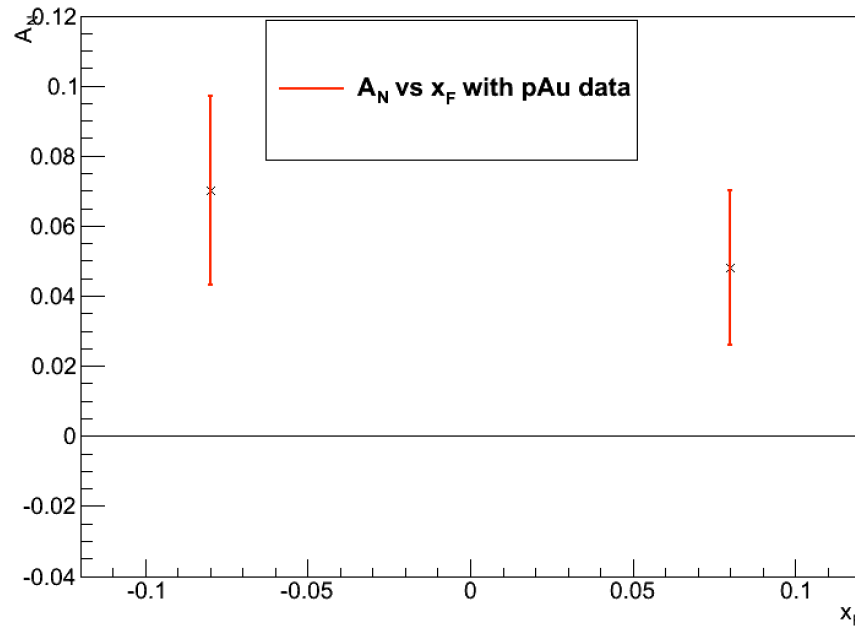
Run15: 50 pb<sup>-1</sup>, Pol= 60%

For pAu:

First time PHENIX run pAu collision



# $A_N^{\text{Jpsi}}$ vs. $x_F$ with pAu data



	$A_N$	$\delta A_N$
North arm (p-going)	0.048	0.022
South arm (Au-going)	0.070	0.027

# Hobbies

- Basketball and football
- Travelling: National parks and beaches
- Play video games
- Watch movies