Update on EM-Jet A_N in FMS and EEMC

Preliminary Request for Run 15 Results
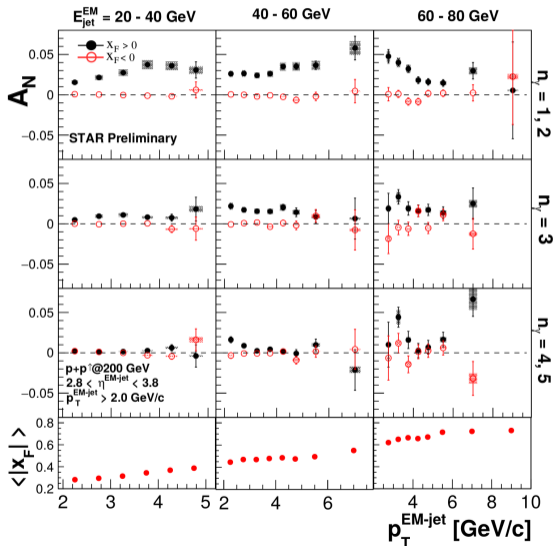
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Preliminary Request for Run 15 Results

Run 15 FMS EM-jet A_N Results

- Small BS, Large BS and FMS-JP Triggers

- Anti-k_T with R = 0.7

- E_γ > 1.0 GeV

- Jet p_T > 2.0 GeV/c

- $2.8 < \eta^{EM-jet} < 3.8$

- Statistical and systematic error bars

- 3.46% polarization scale uncertainty not shown
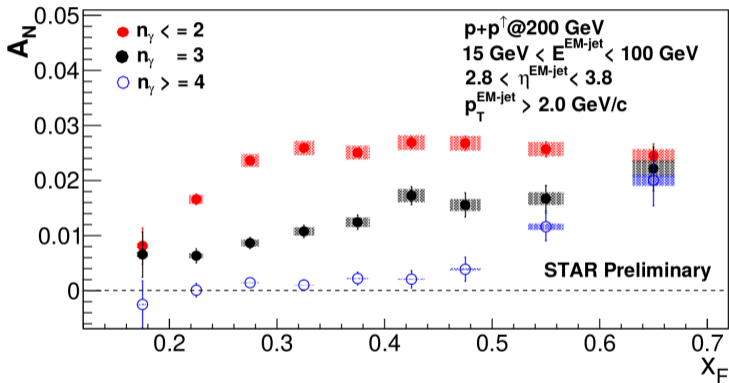
Run 15 FMS EM-jet A_N Results

- Small BS, Large BS and FMS-JP Triggers

- Anti-k$_T$ with R = 0.7

- $E_\gamma > 1.0$ GeV

- Jet p_T > 2.0 GeV/c

- $2.8 < \eta^{EM-jet} < 3.8$

- Error bars statistical only

- 3.46% polarization scale uncertainty not shown

Run 15 EEMC EM-jet A_N Results

- EHT0, JP and MB triggers
- Anti-k_T with R = 0.7
- Photon multiplicity based on EEMC tower counts
- Tower $E_T > 0.2$ GeV
- Jet $p_T > 2.0$ GeV/c
- $1.0 < \eta^{EM-jet} < 2.0$
- Statistical and systematic error bars
- 3.46% polarization scale uncertainty not shown

E_{jet}^{EM} = 3 - 20 GeV

STAR Preliminary

A_N

$n_\gamma = 1, 2$

$n_\gamma = 3$

$n_\gamma = 4, 5$

p+p↑@200GeV
$1.0 < \eta^{EM-jet} < 2.0$

$\langle |x_F| \rangle$

p_T [GeV/c]