

Previous PWG presentation:

1. Shuai Zhou - Preliminary Request: Identified particles v_2 at 14.6 GeV BES-II

Link:

https://drupal.star.bnl.gov/STAR/system/files/Elliptic_flow_at_14.6GeV_Preliminary_request_2022_11_8.pdf

2. Shuai Zhou - elliptic flow for identified particle sanalysis at 14.6 GeV

Link:

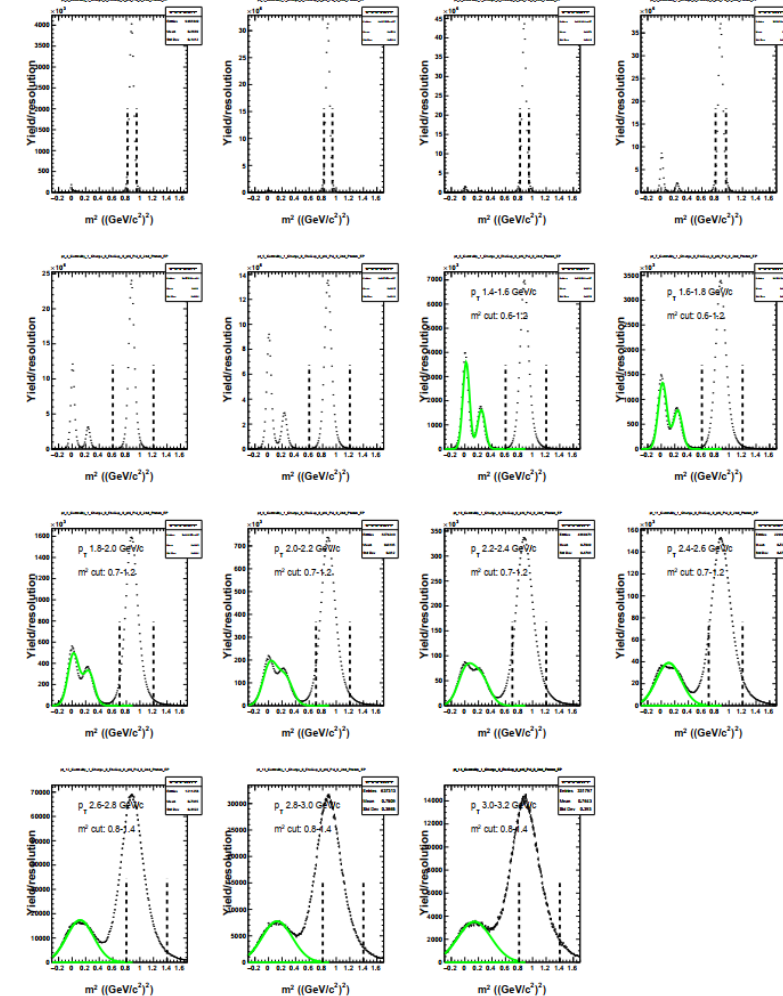
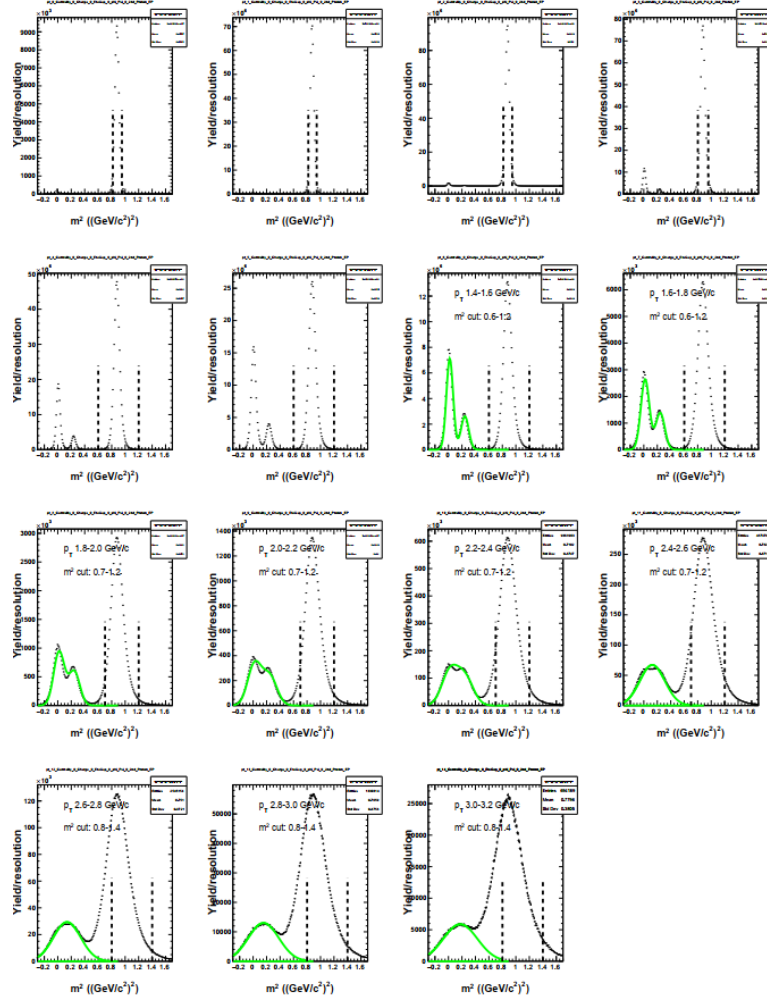
https://drupal.star.bnl.gov/STAR/system/files/14p5_v2_FVCPWG.pdf

Proton identification

0-80%

Purity>0.99

0-10%

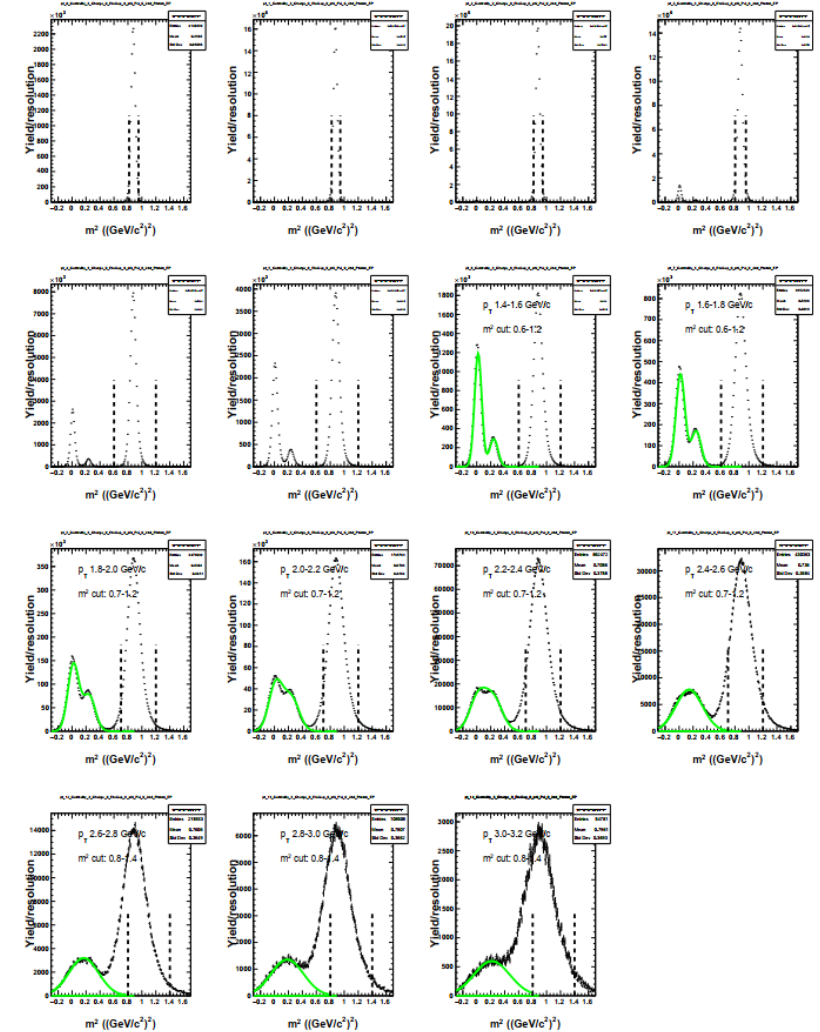
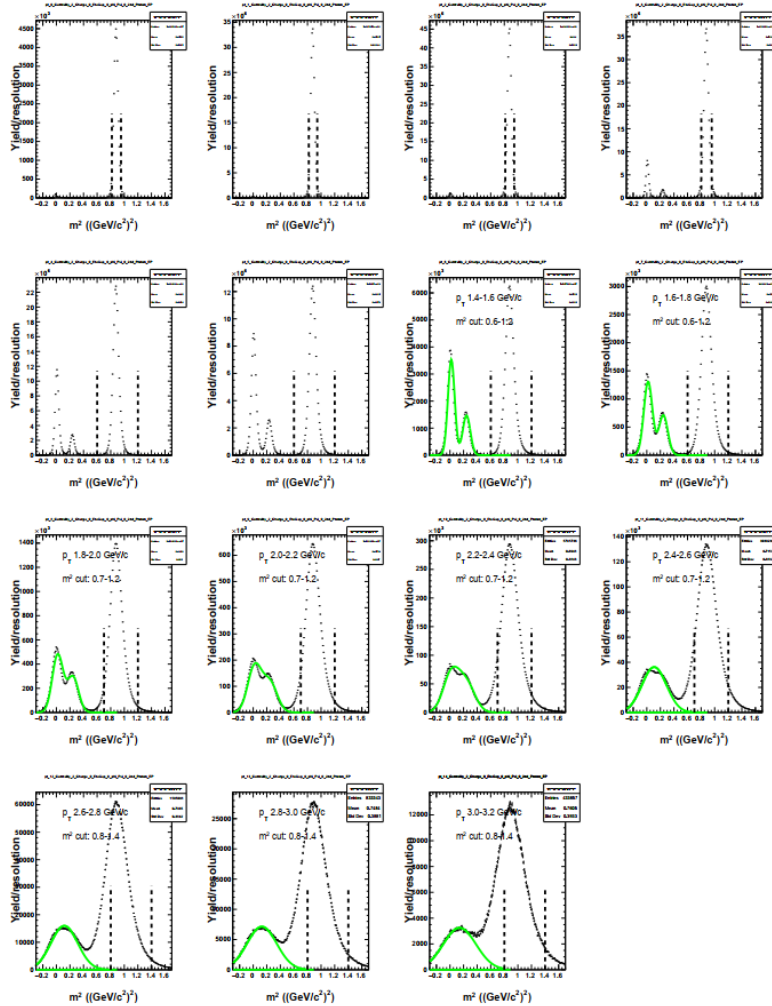


Proton identification

10-40%

Purity > 0.99

40-80%

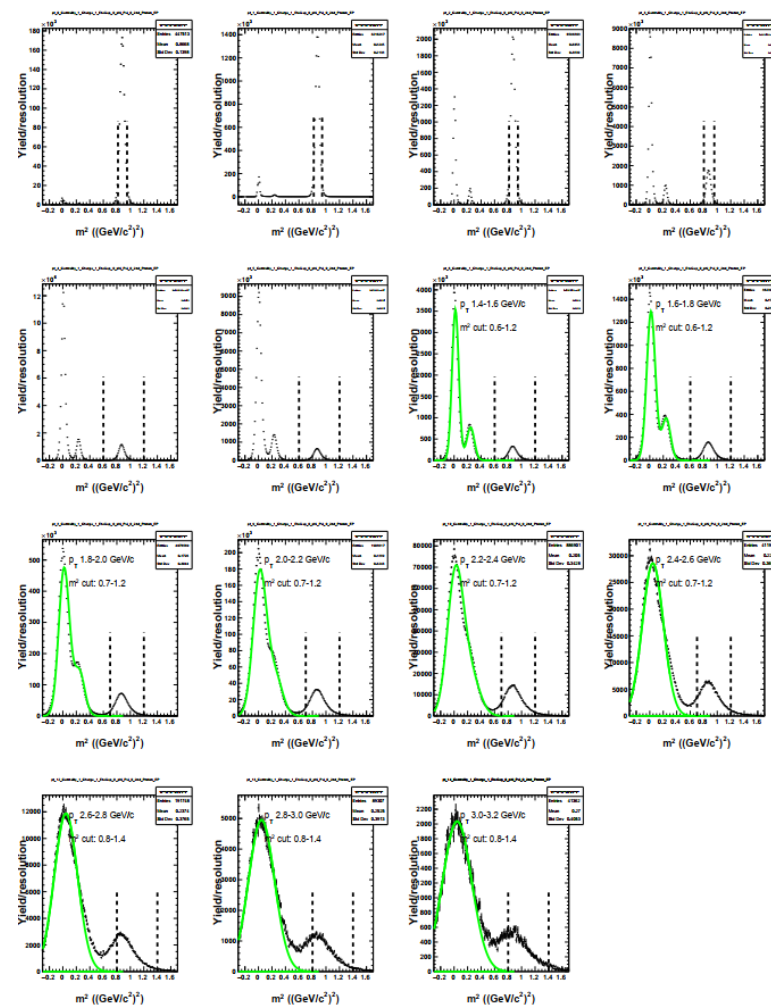
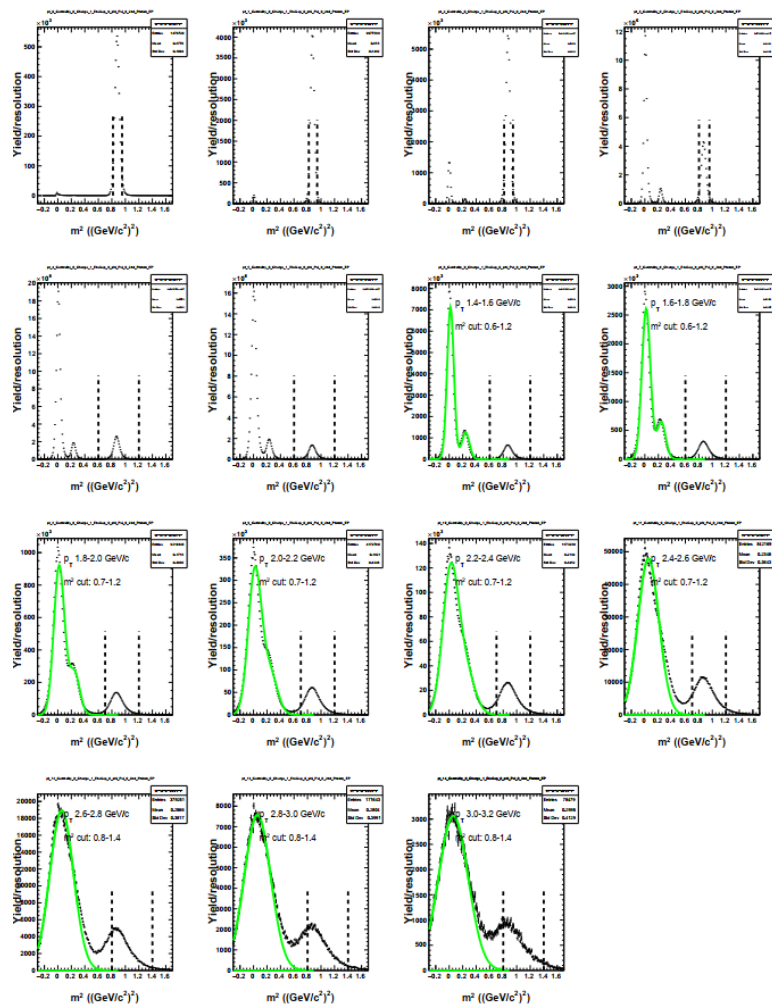


Anti-proton identification

0-80%

Purity>0.99

0-10%

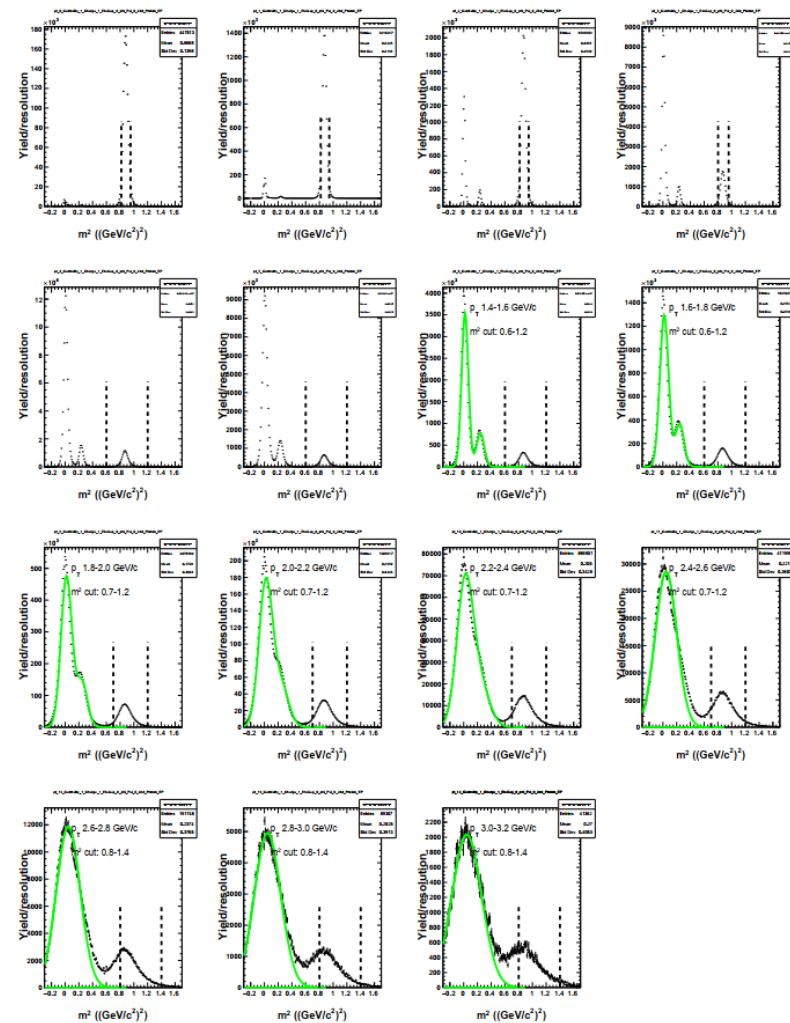
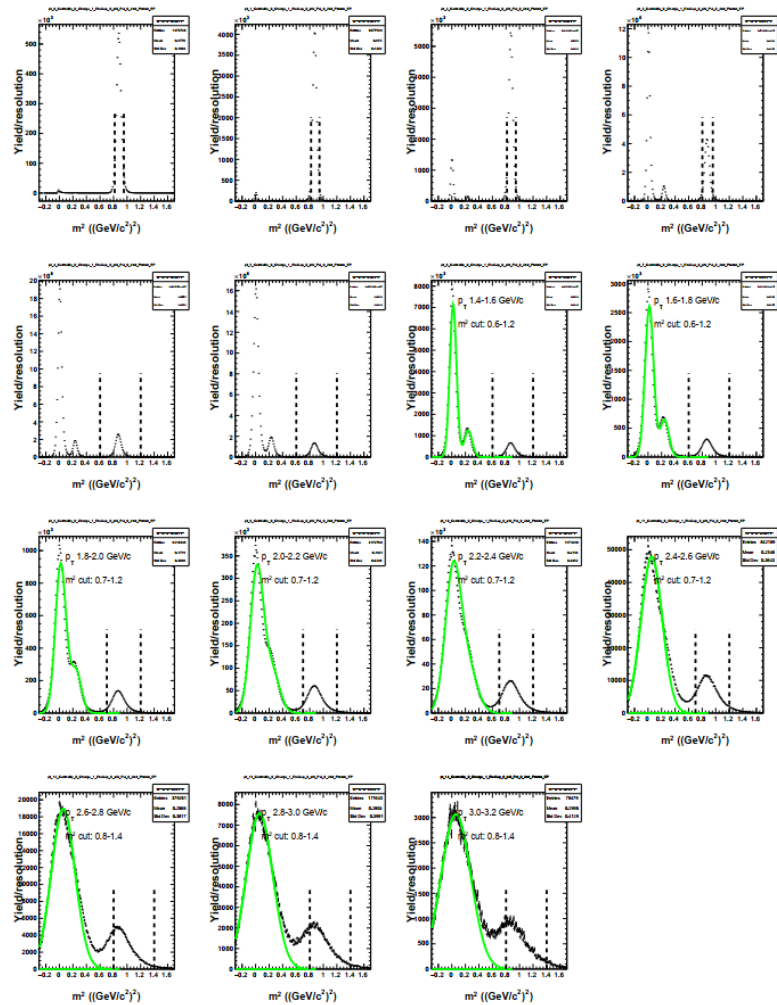


Anti-proton identification

0-80%

Purity>0.99

0-10%

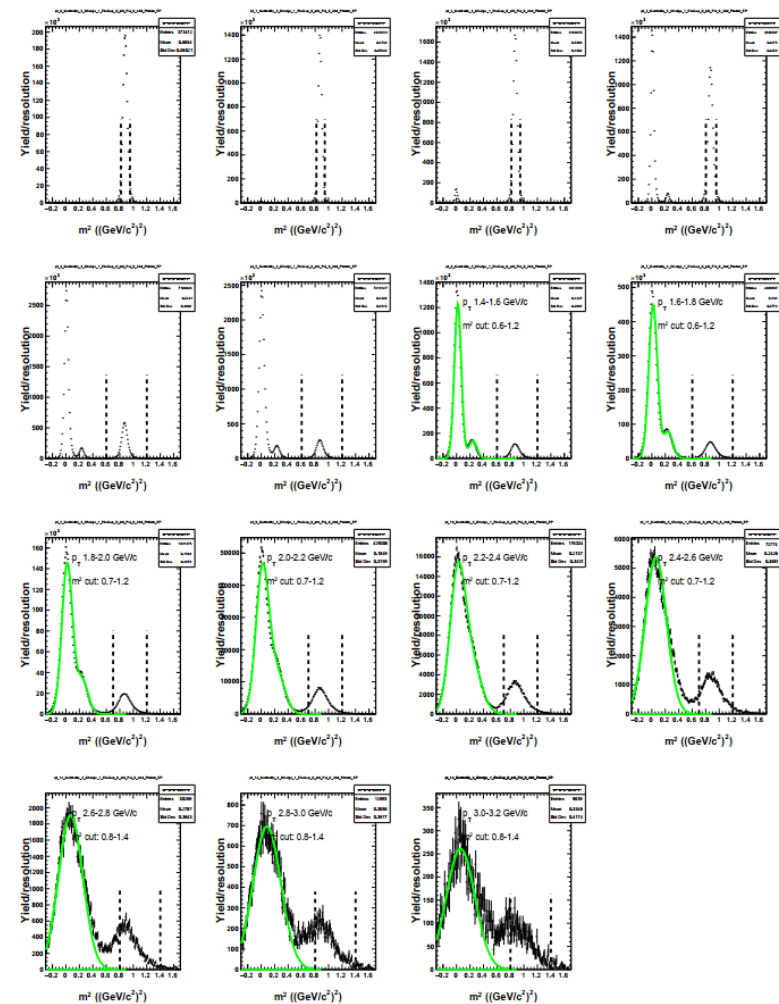
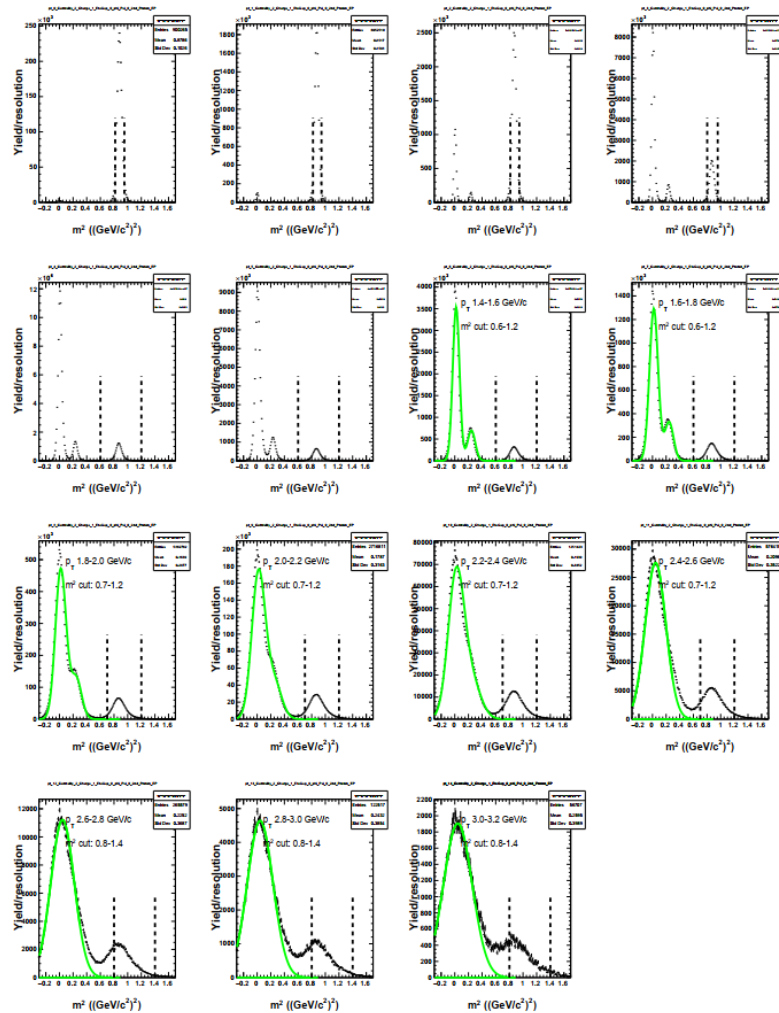


Anti-proton identification

10-40%

Purity > 0.99

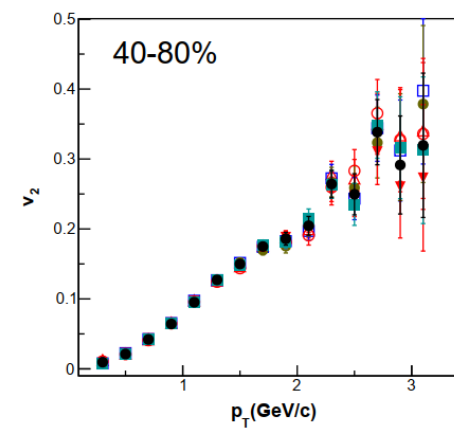
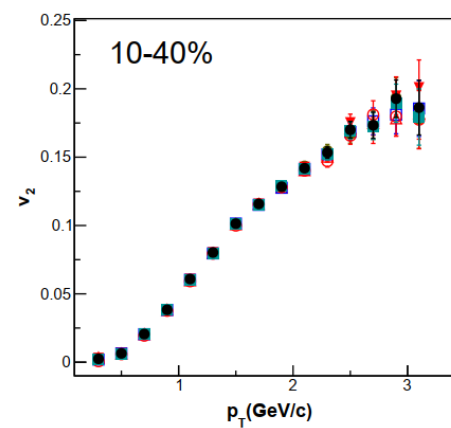
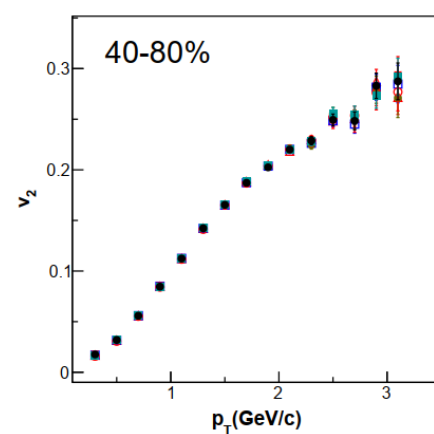
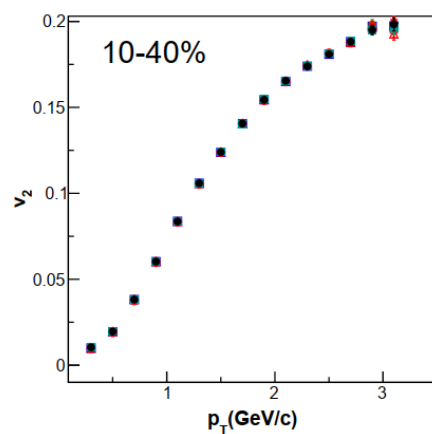
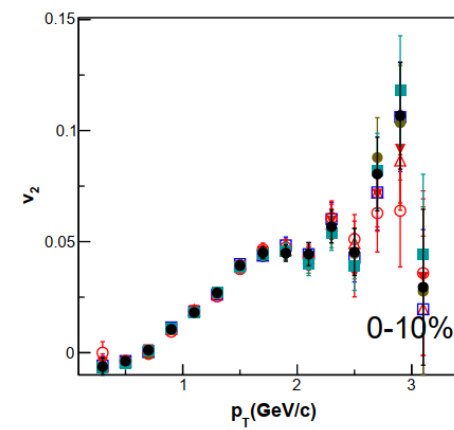
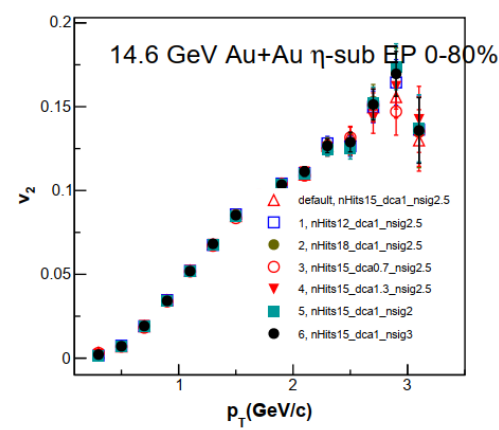
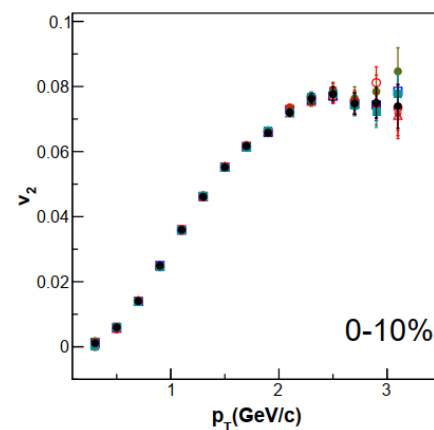
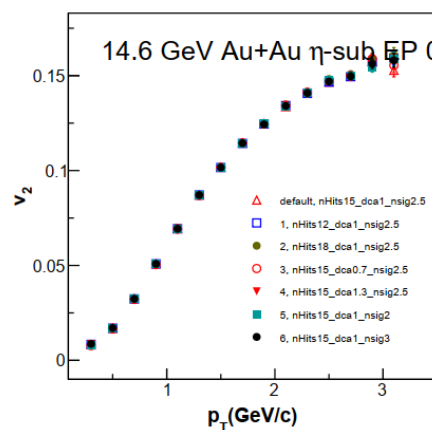
40-80%



$v_2(p_T)$ with different systematic cuts

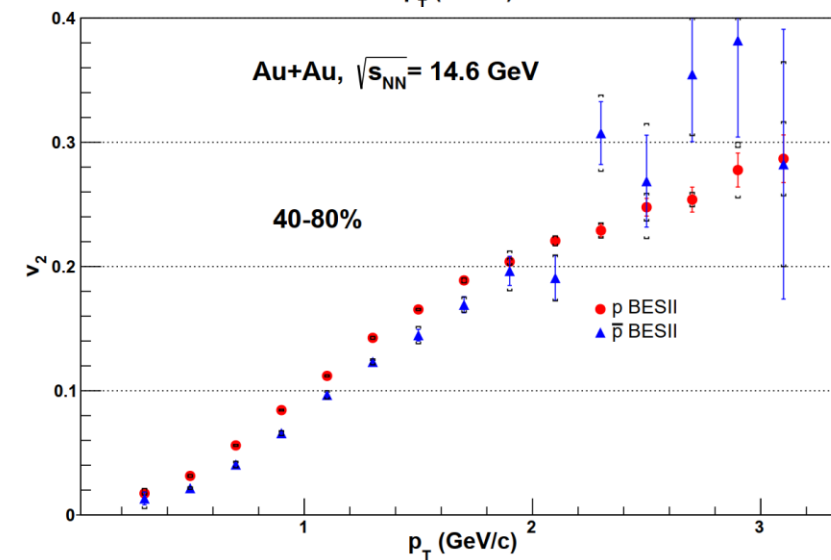
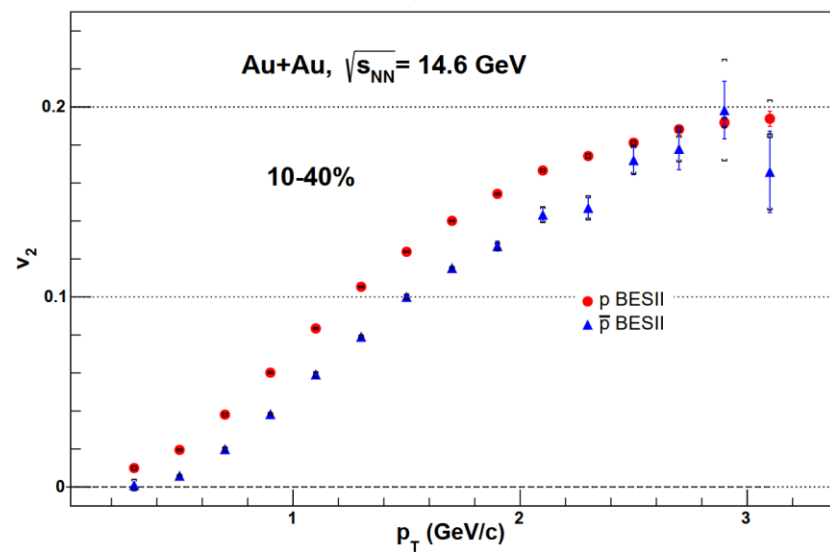
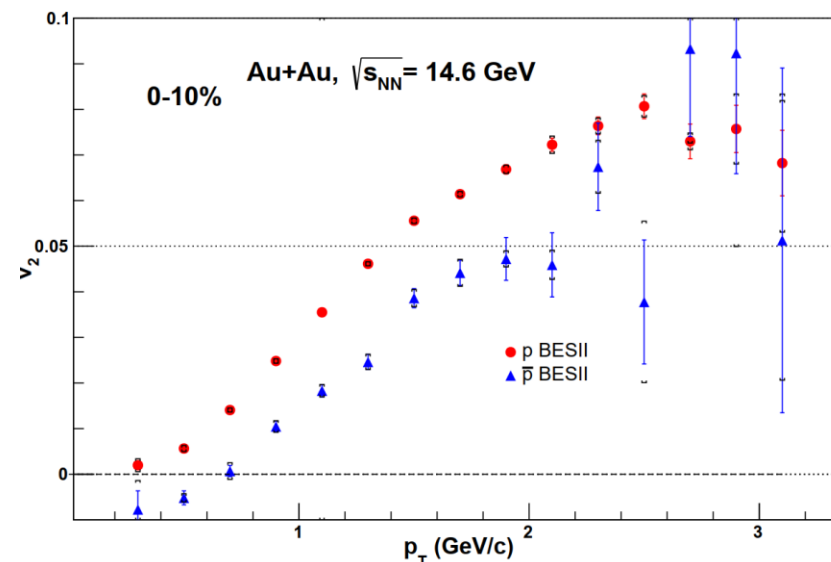
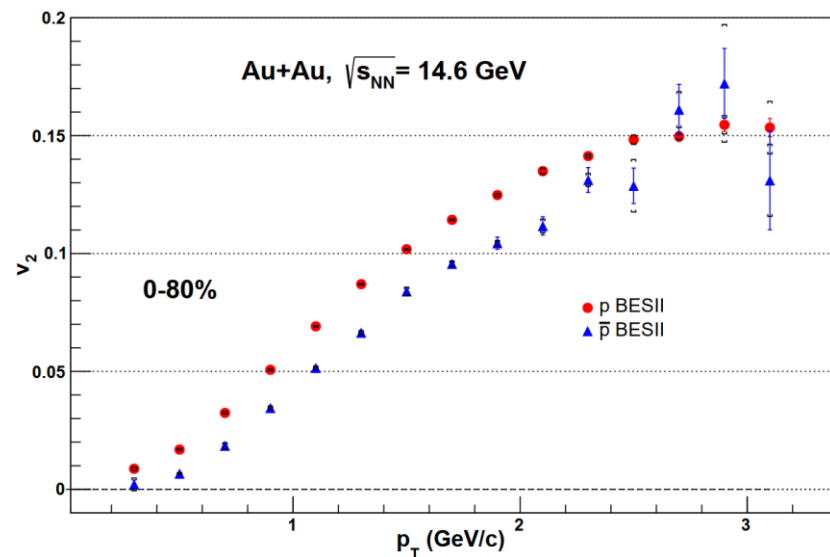
proton

Anti-proton



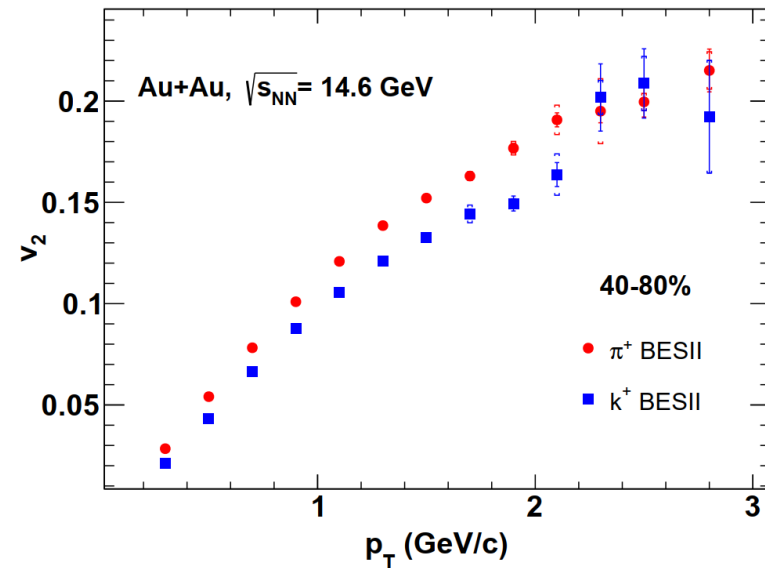
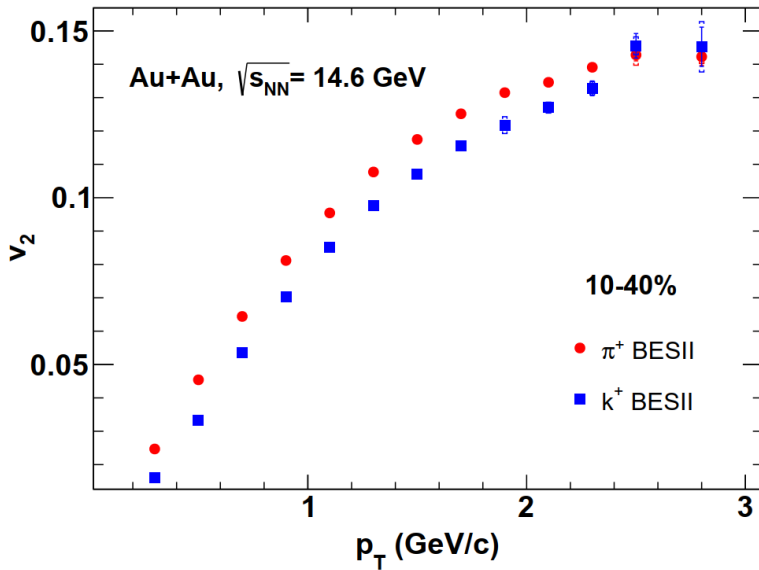
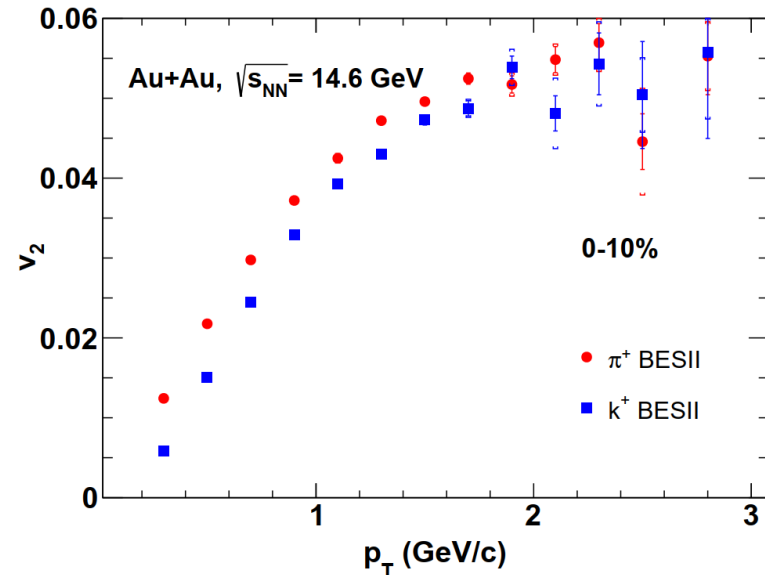
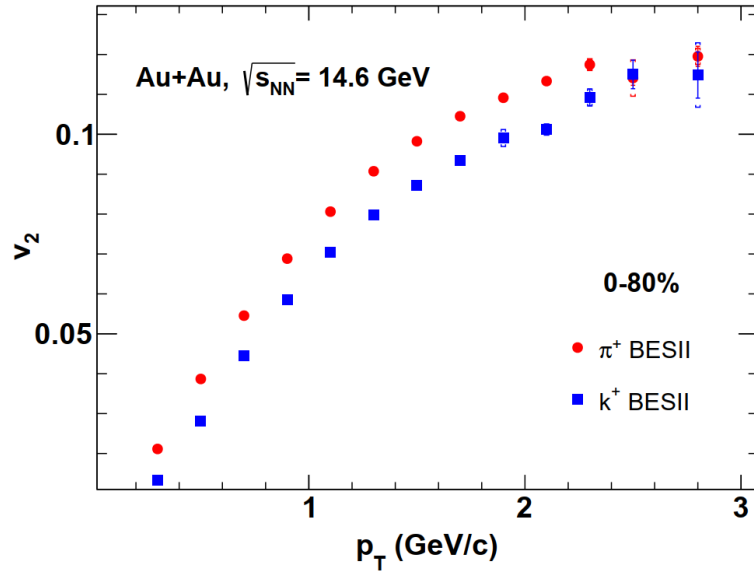
The $v_2(p_T)$ for different centrality

Requesting for Preliminary



v_2 results

Requesting for Preliminary



v_2 results

Requesting for Preliminary

