

Proton, neutron, deuteron in AuAu and ZrZr at STAR 19.6 GeV

yulou

parameters from theory:

$\Delta R=3.575\text{fm}, \Delta P=0.285\text{GeV}/c$

PHYSICAL REVIEW C 99, 014901 (2019)

deuteron:

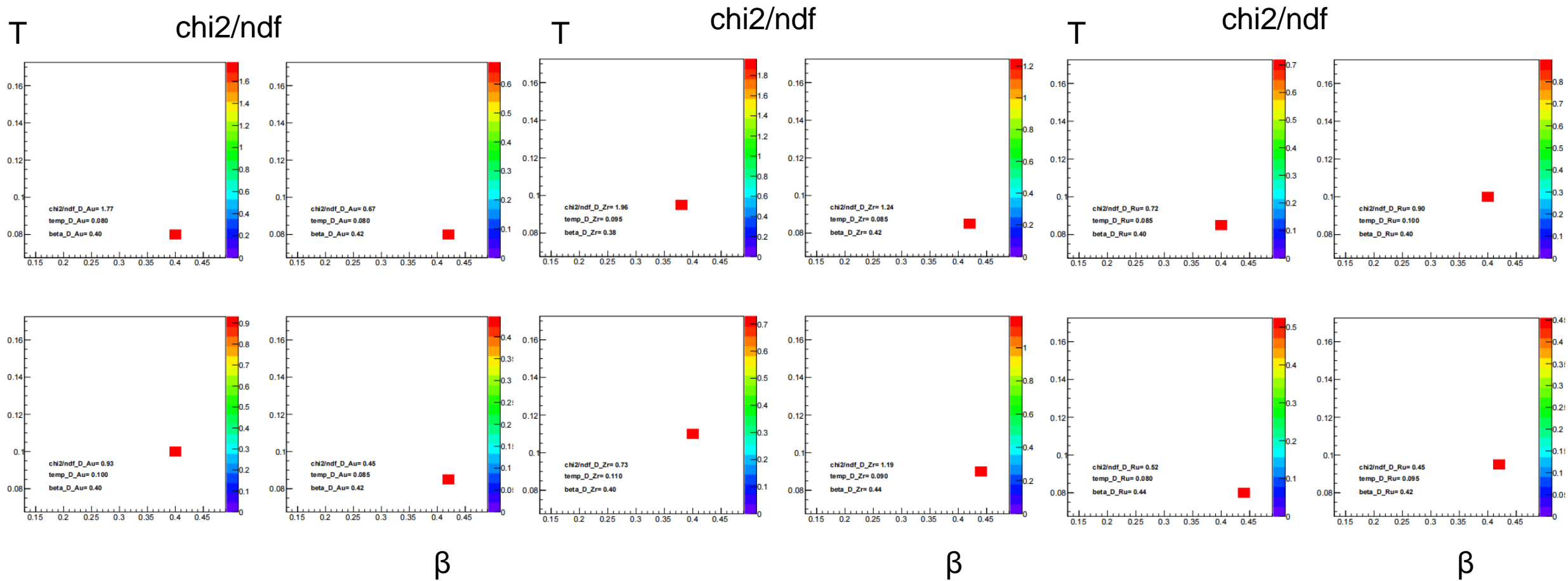
parameters from data scan

$\Delta R=5.6\text{fm}, \Delta P=0.22\text{GeV}/c (-0.1 < y < 0)$

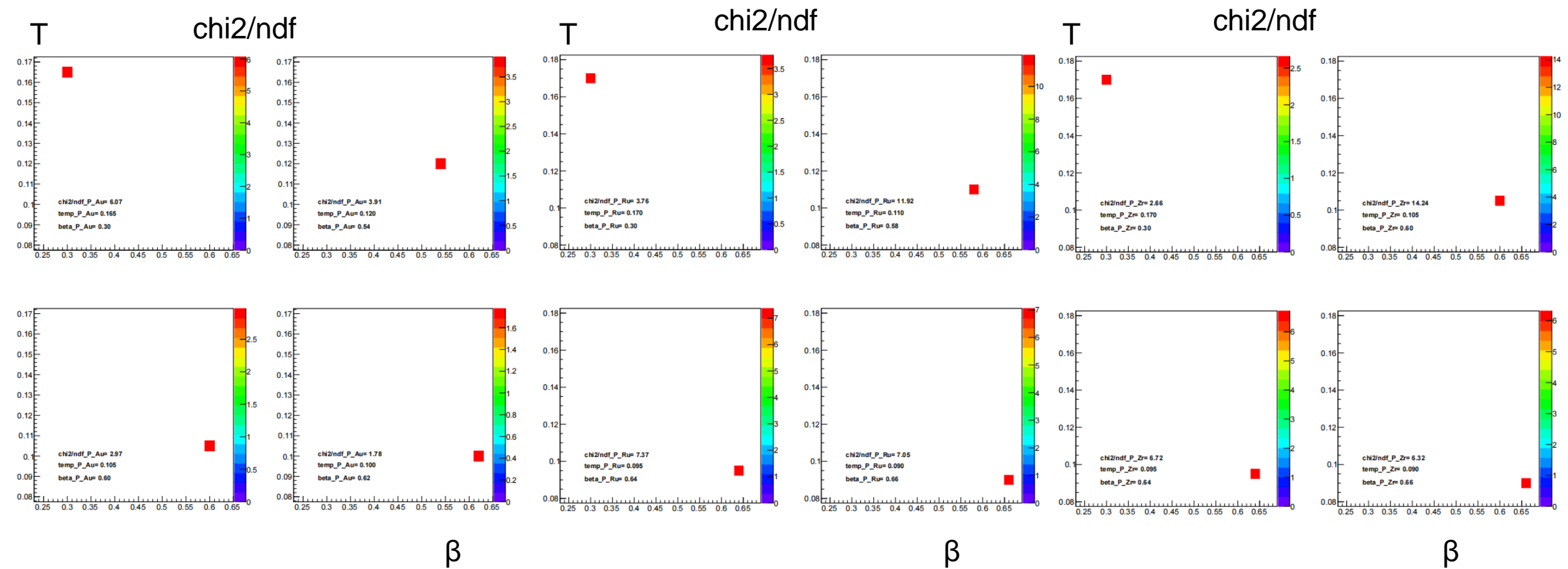
$\Delta R=5.78\text{fm}, \Delta P=0.219\text{GeV}/c$ (all rapidity bins)

arXiv:2305.02487v1 [nucl-th] 4 May 2023

chi2/ndf vs beta(D,19.6GeV)

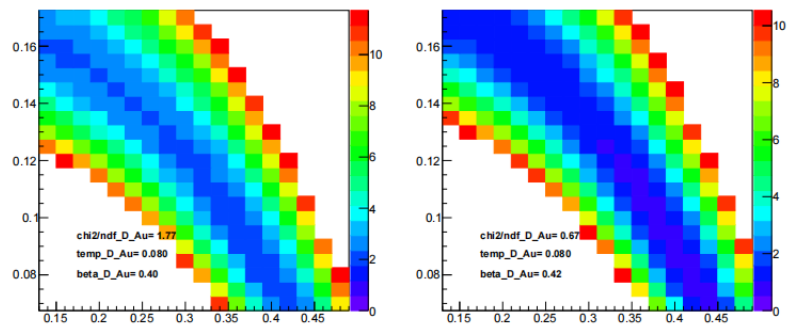


chi2/ndf vs T vs beta(P)



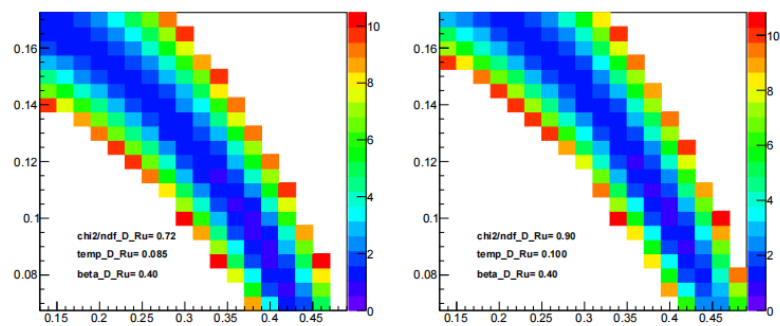
T

chi2/ndf



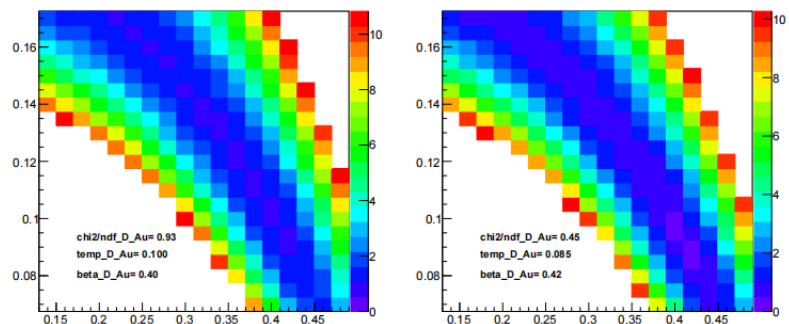
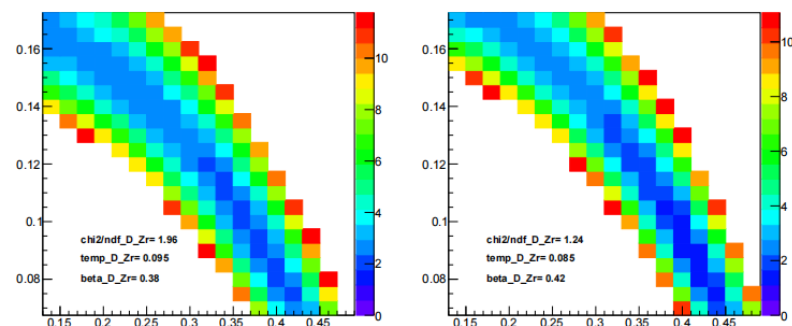
T

chi2/ndf

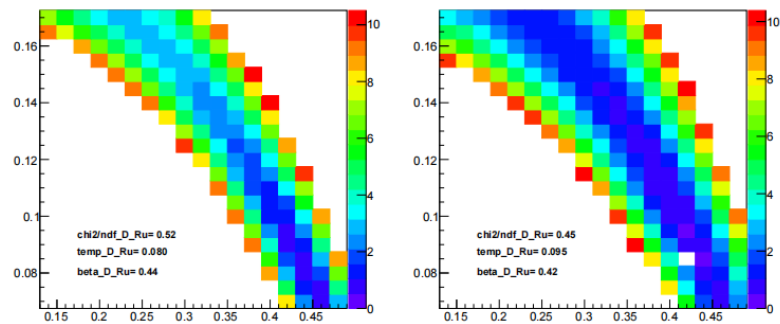


T

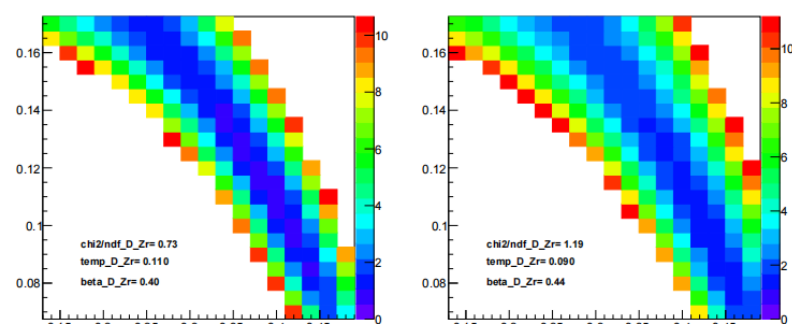
chi2/ndf



β



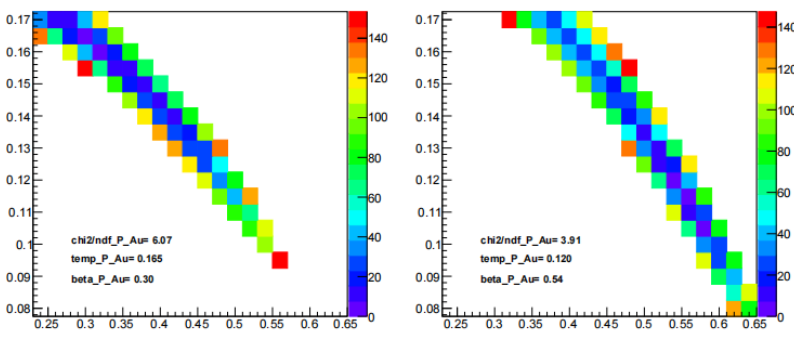
β



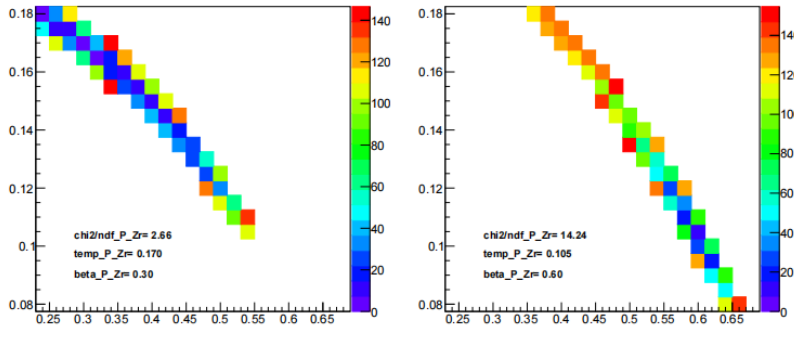
β

chi2/ndf vs T vs beta(P+-150)

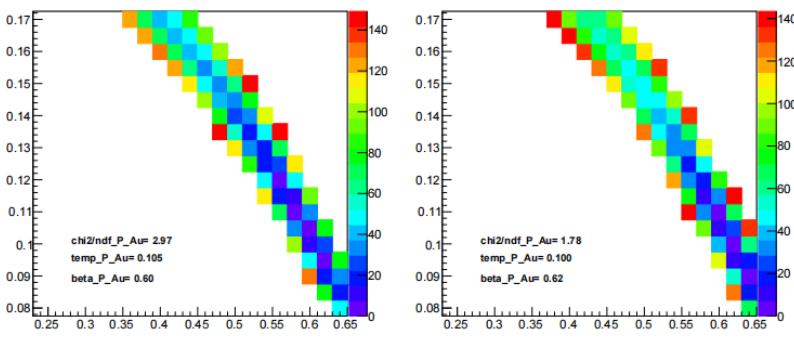
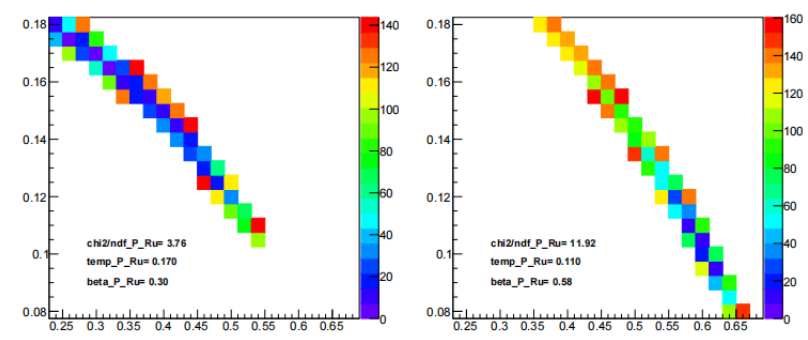
T chi2/ndf



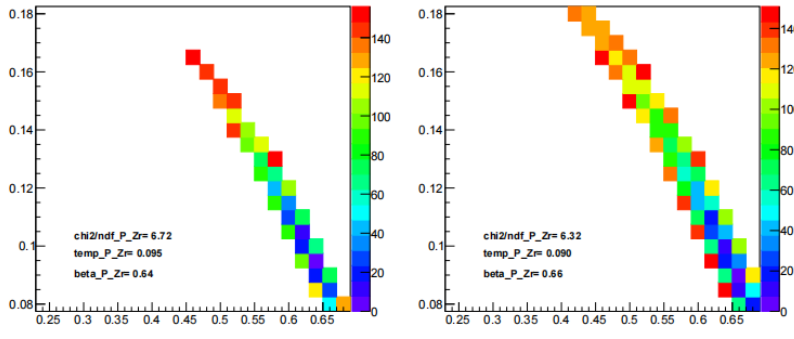
T chi2/ndf



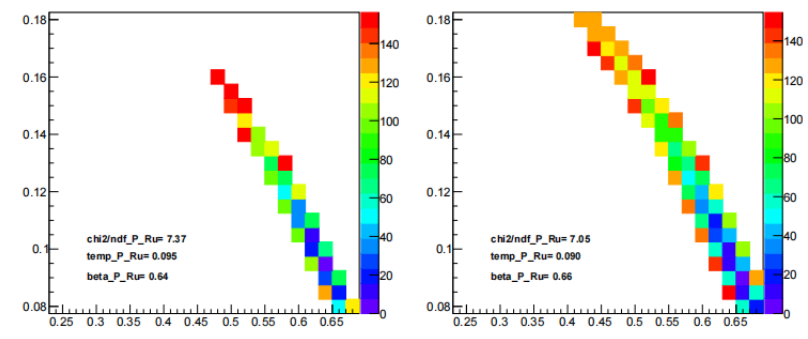
T chi2/ndf



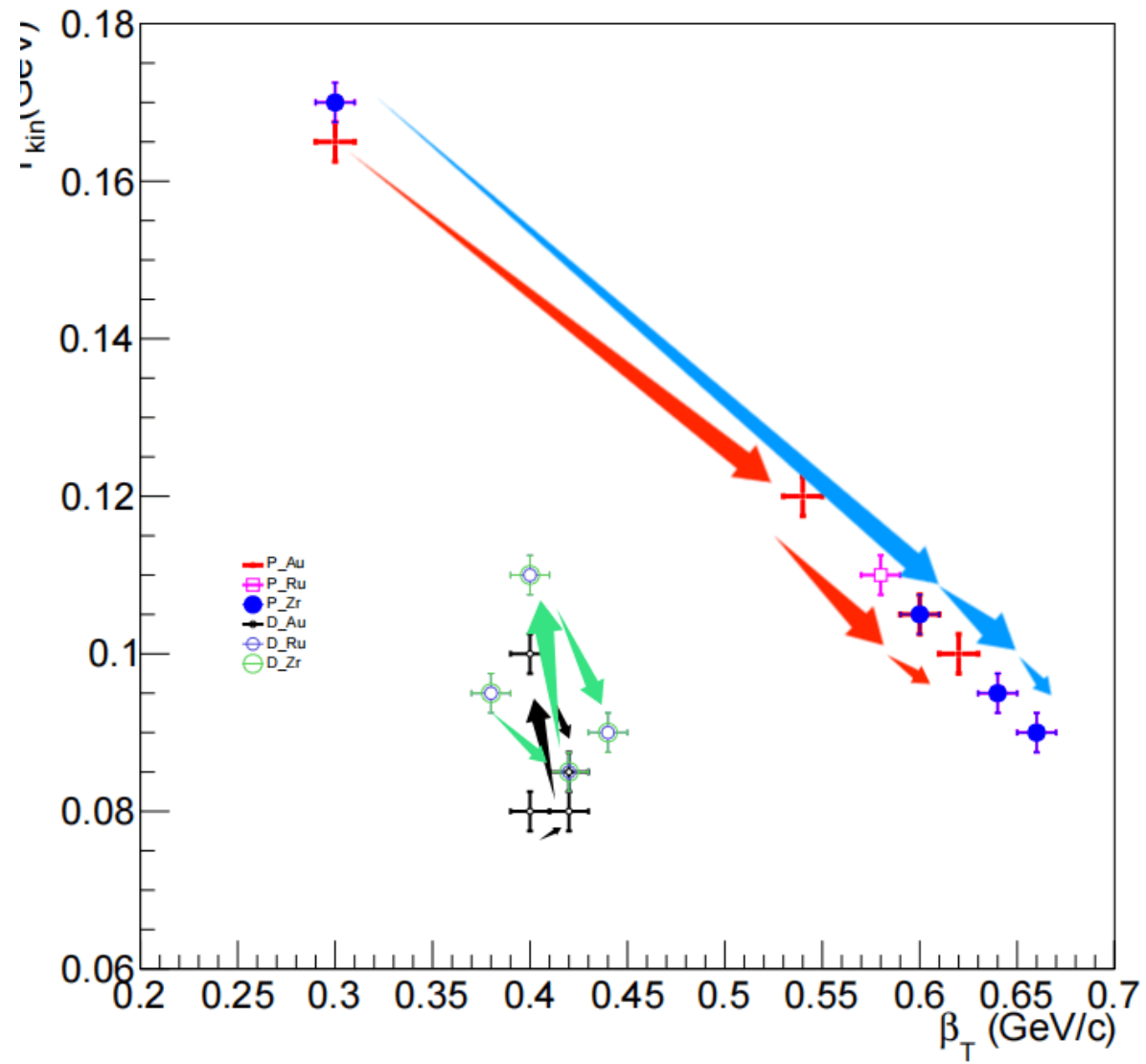
β



β



β



Back up