

B field impact on forward RICH performance

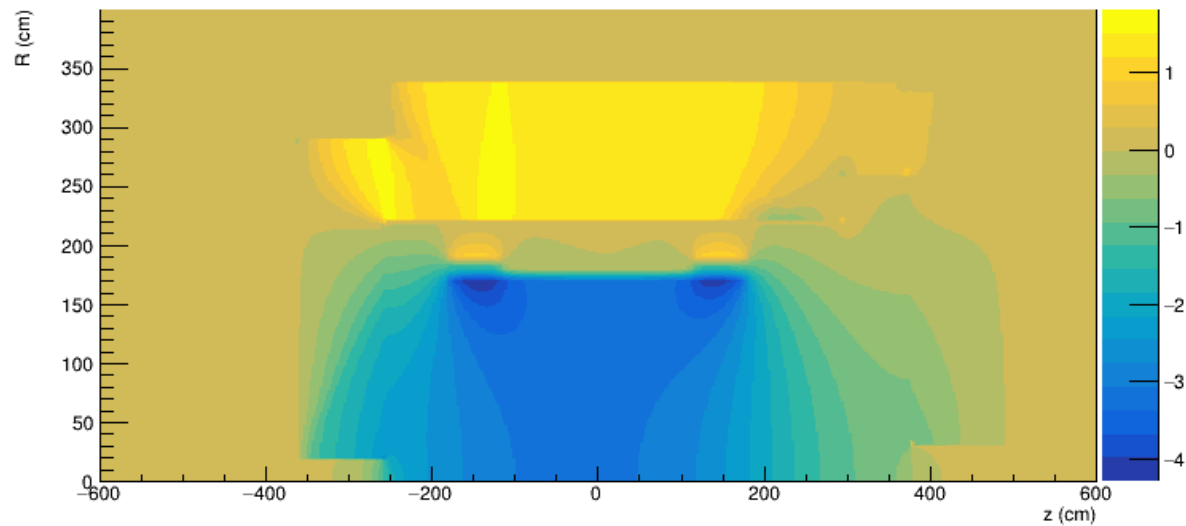
Chandradoy Chatterjee
Roberto Preghenella

Previous talks:

1. 17 May 2021
2. 24 May 2021
3. 31 May 2021

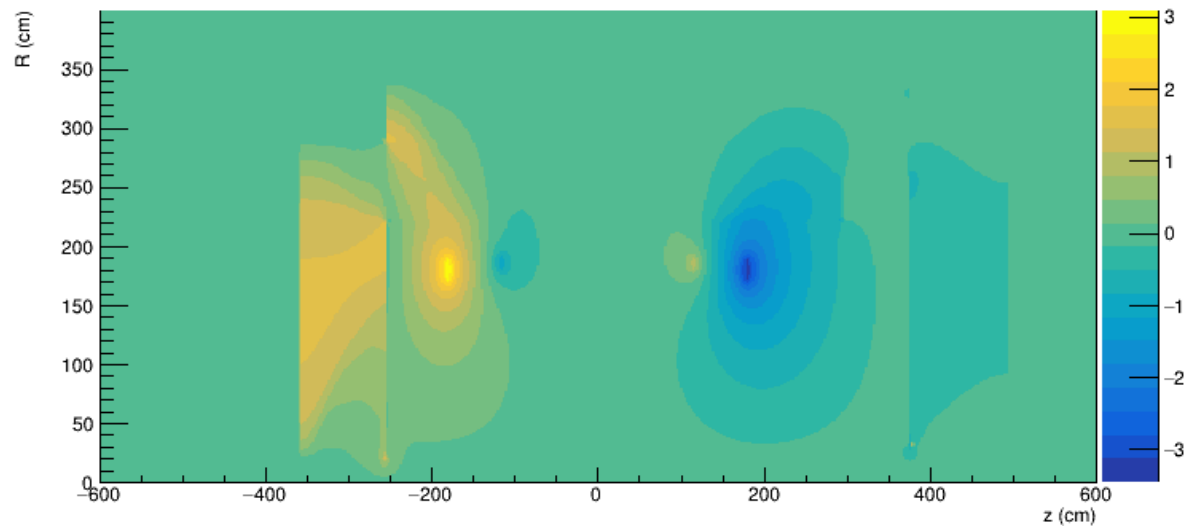
6/7/2021

Bz (T)

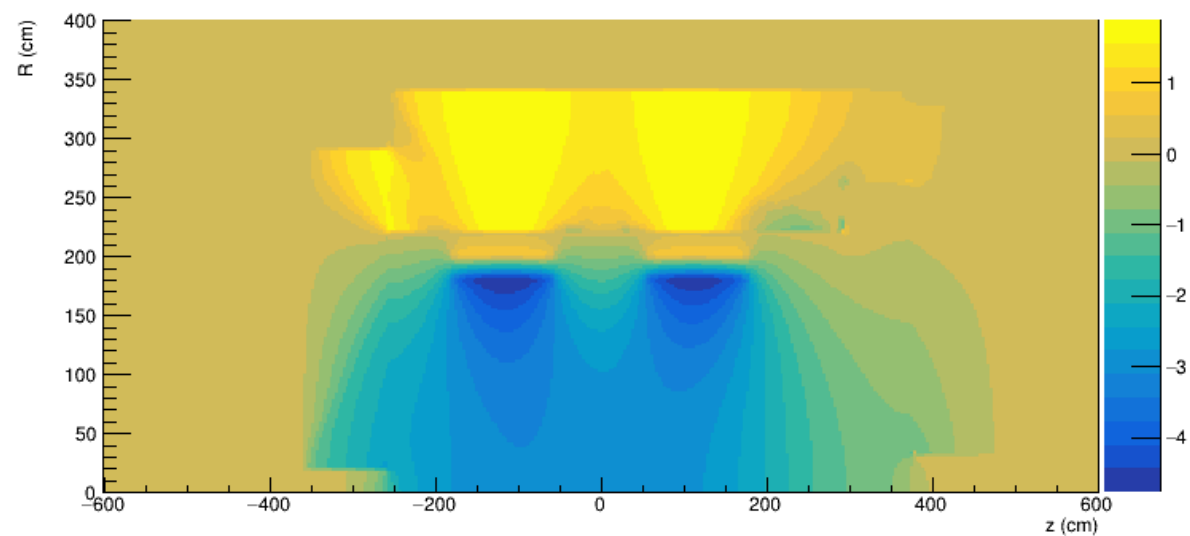


OLD

Br (T)

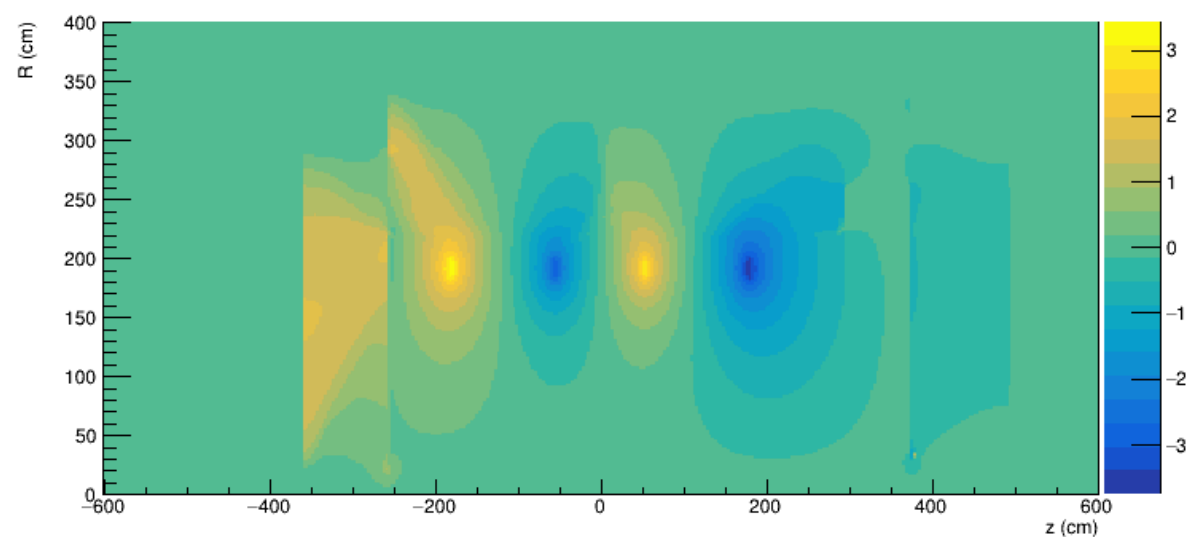


Bz (T)

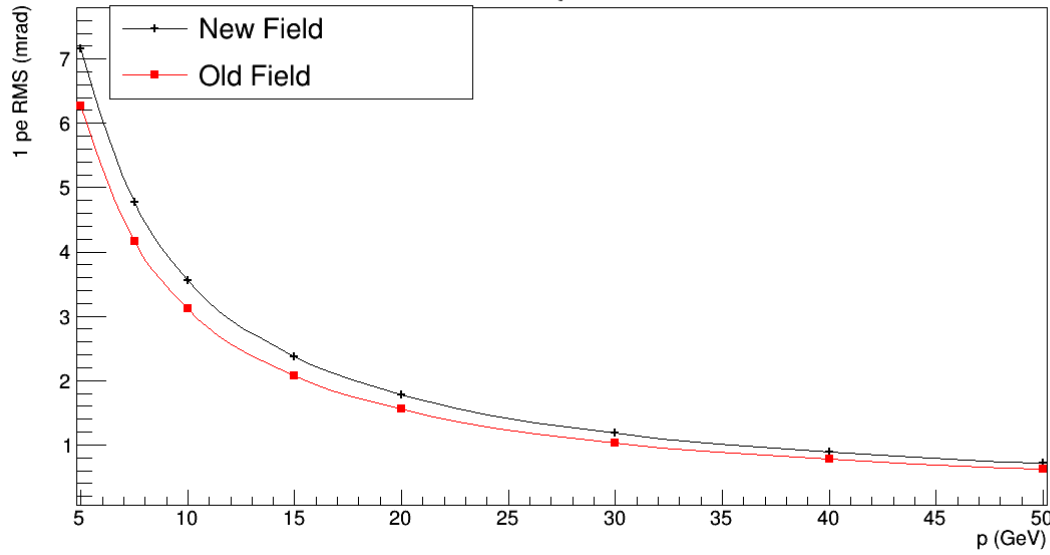


NEW

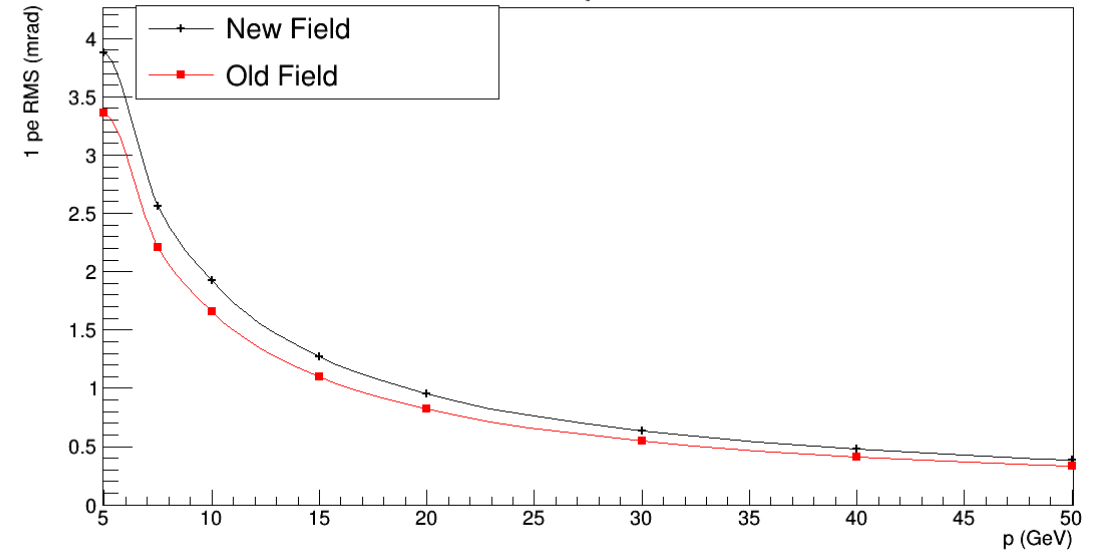
Br (T)



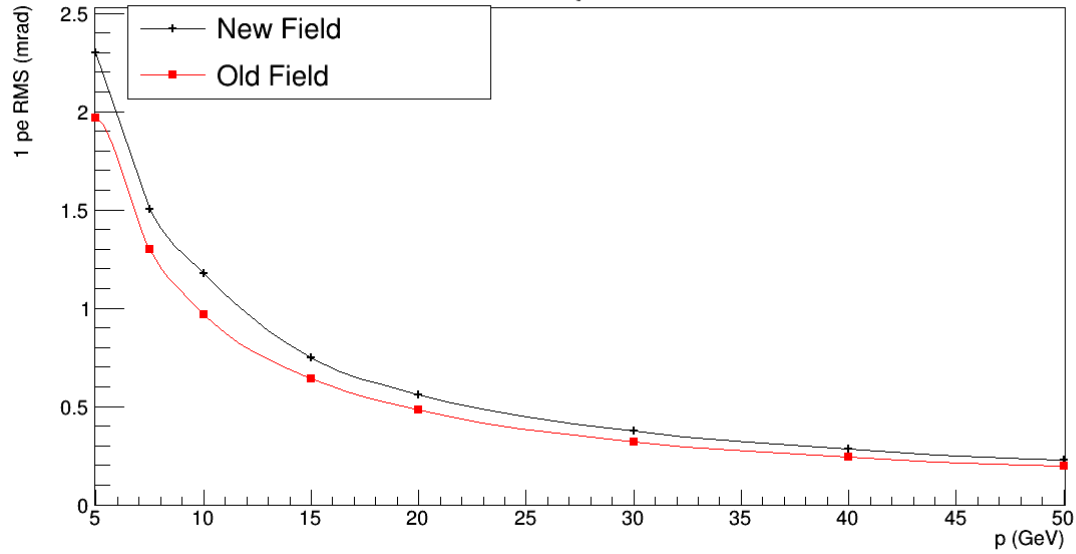
$\eta = 1.5$ or $\theta_t = 0.44$ rad



$\eta = 2.0$ or $\theta_t = 0.27$ rad



$\eta = 2.5$ or $\theta_t = 0.16$ rad



Muons

$\eta = 3.0$ or $\theta_t = 0.10$ rad

