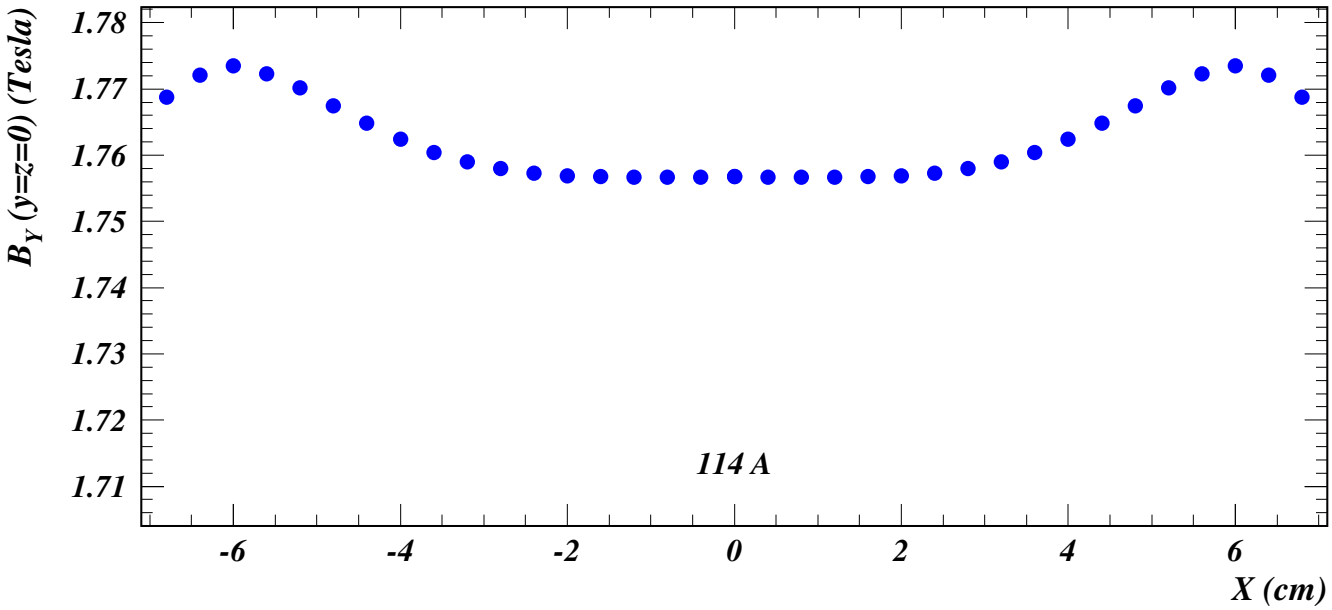
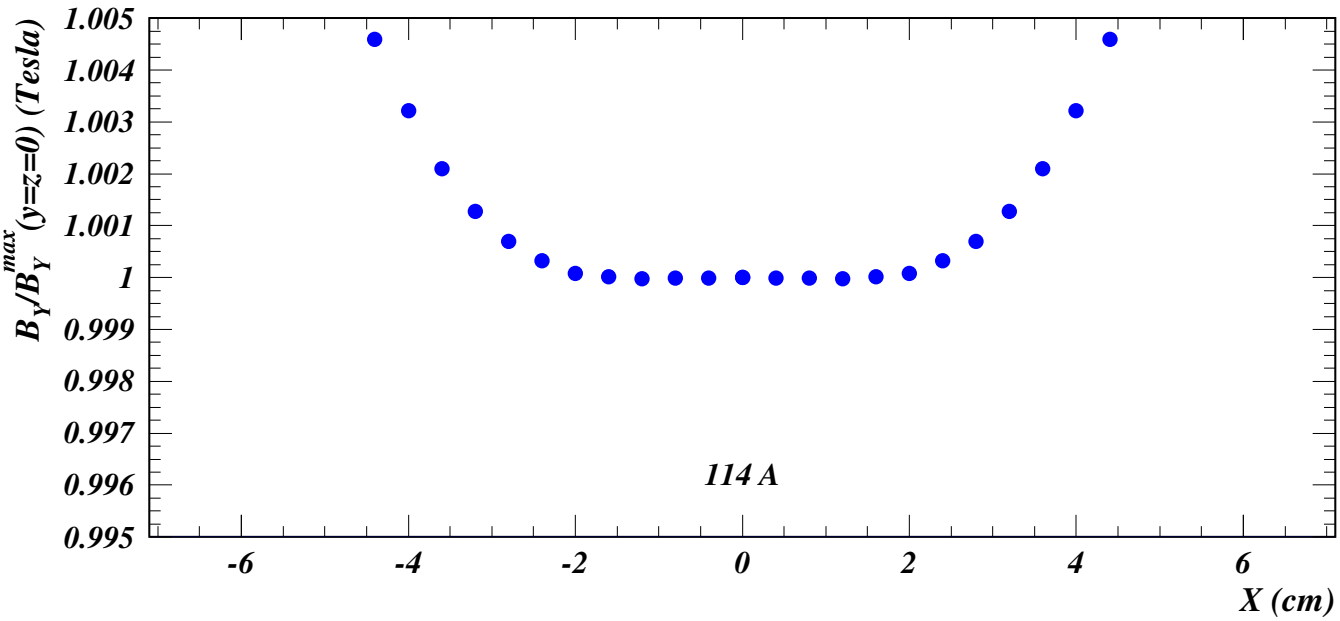
02/07/08 16.20

8-Pole 40 cm Wiggler: Central Pole



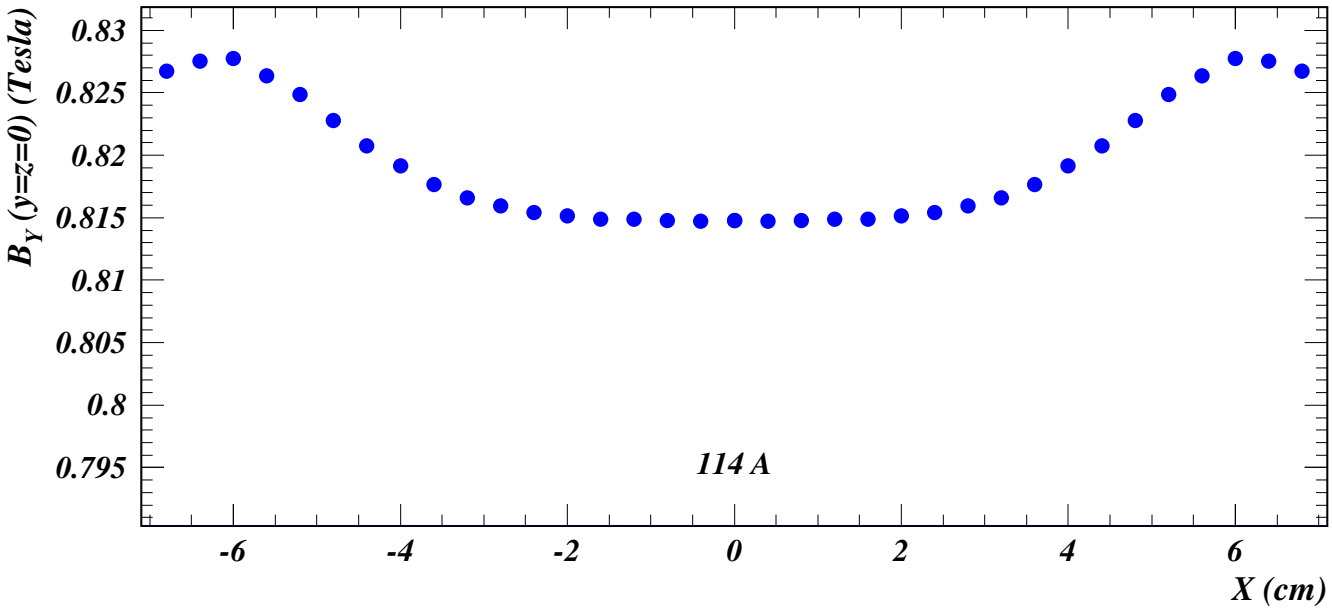
Z=10 cm



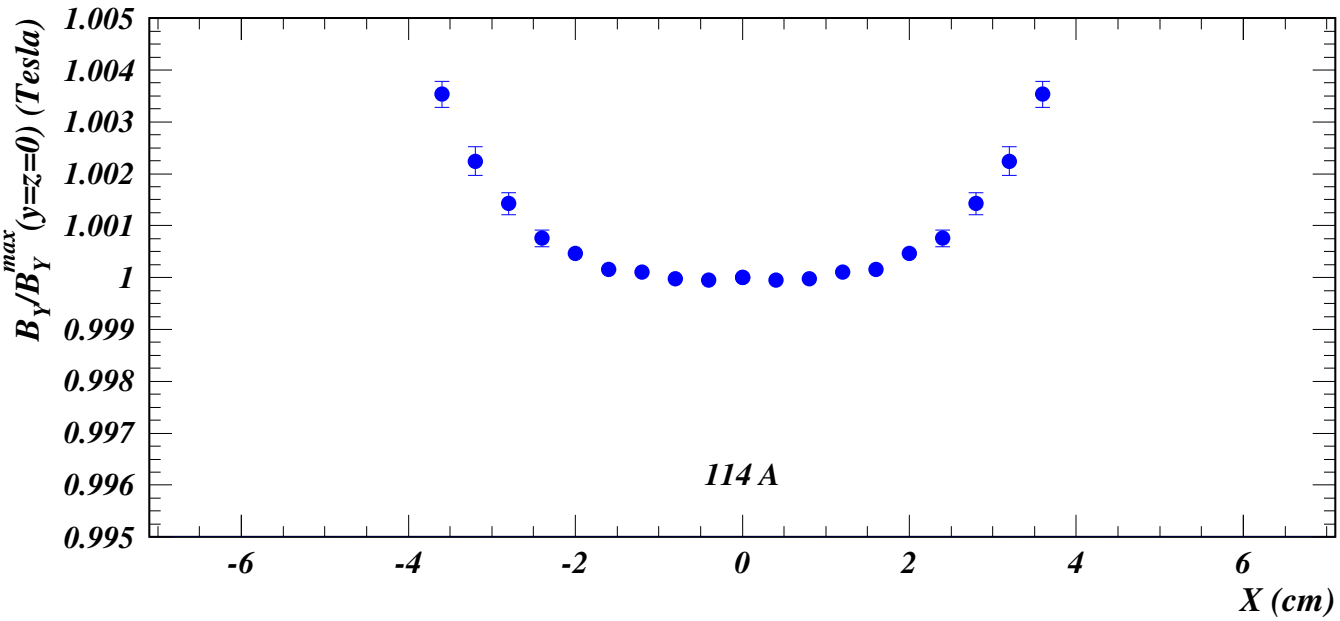
Z=10 cm

02/07/08 16.20

8-Pole 40 cm Wiggler: End Pole



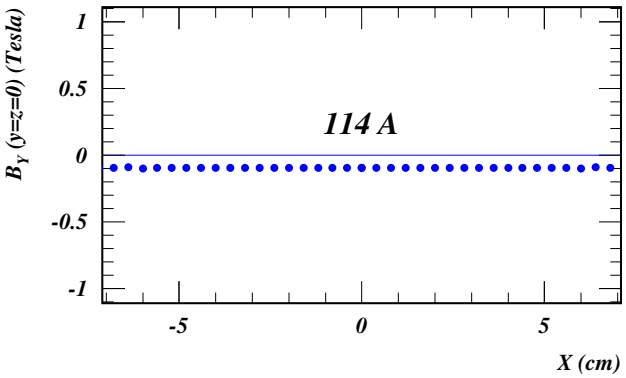
Z=60 cm



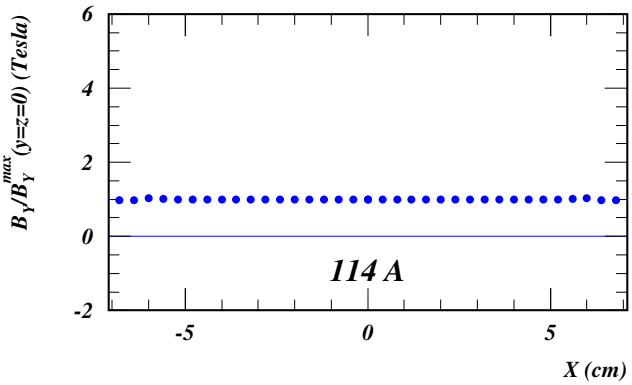
Z=60 cm

02/07/08 16.20

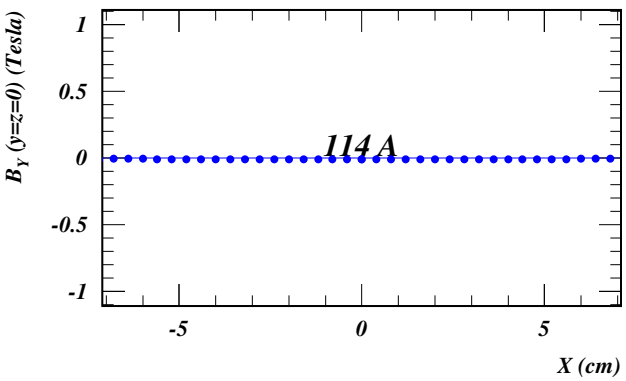
8-Pole 40 cm Wiggler: Between Central and Neighbor Pole



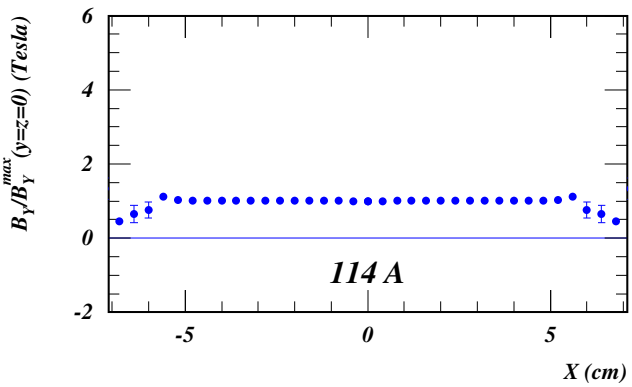
Z=19.8 cm



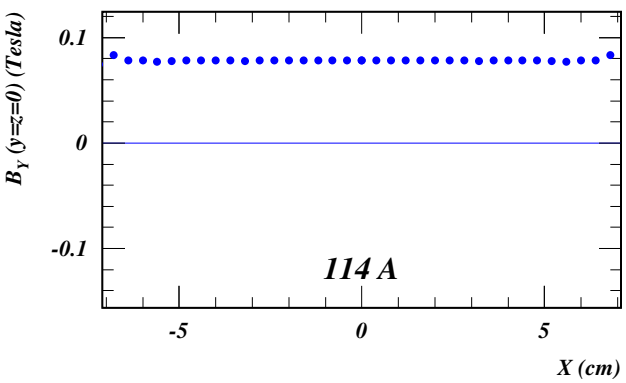
Z=19.8 cm



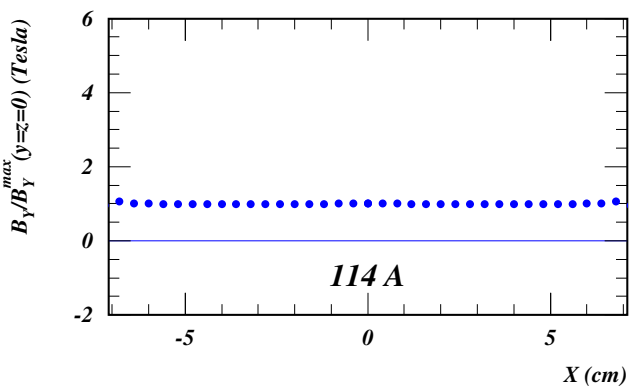
Z=20 cm



Z=20 cm



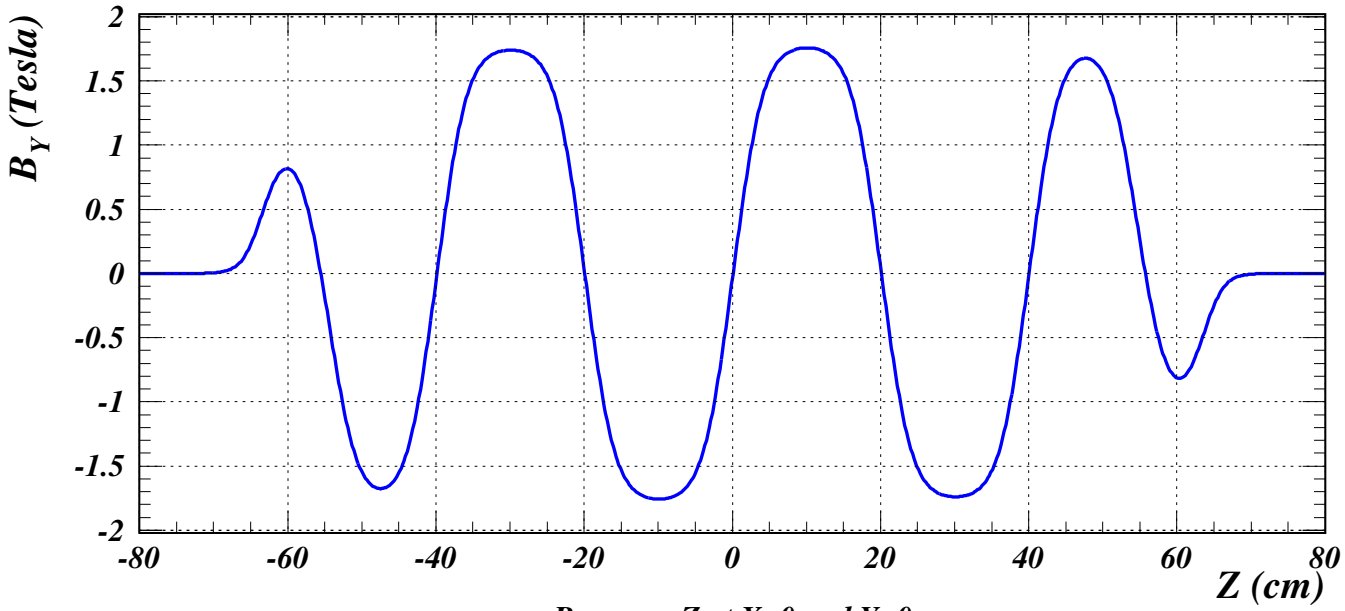
Z=20.2 cm



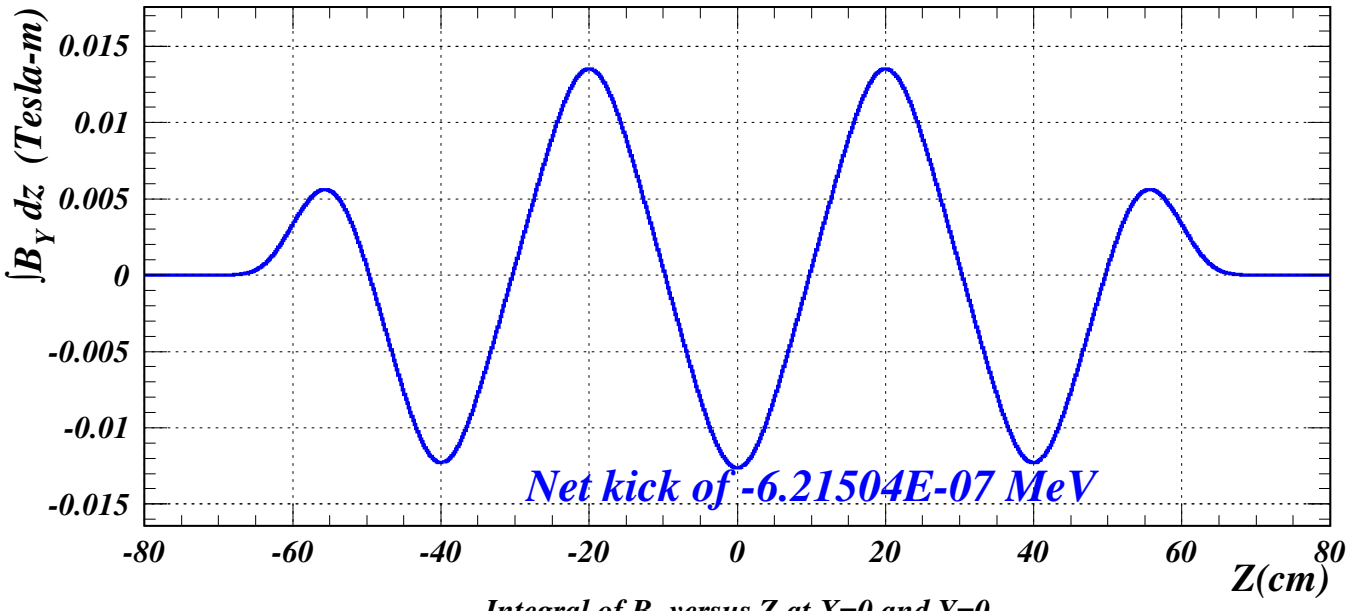
Z=20.2 cm

02/07/08 16.20

Field Map w8-20_12_114-- End Coil 51 A



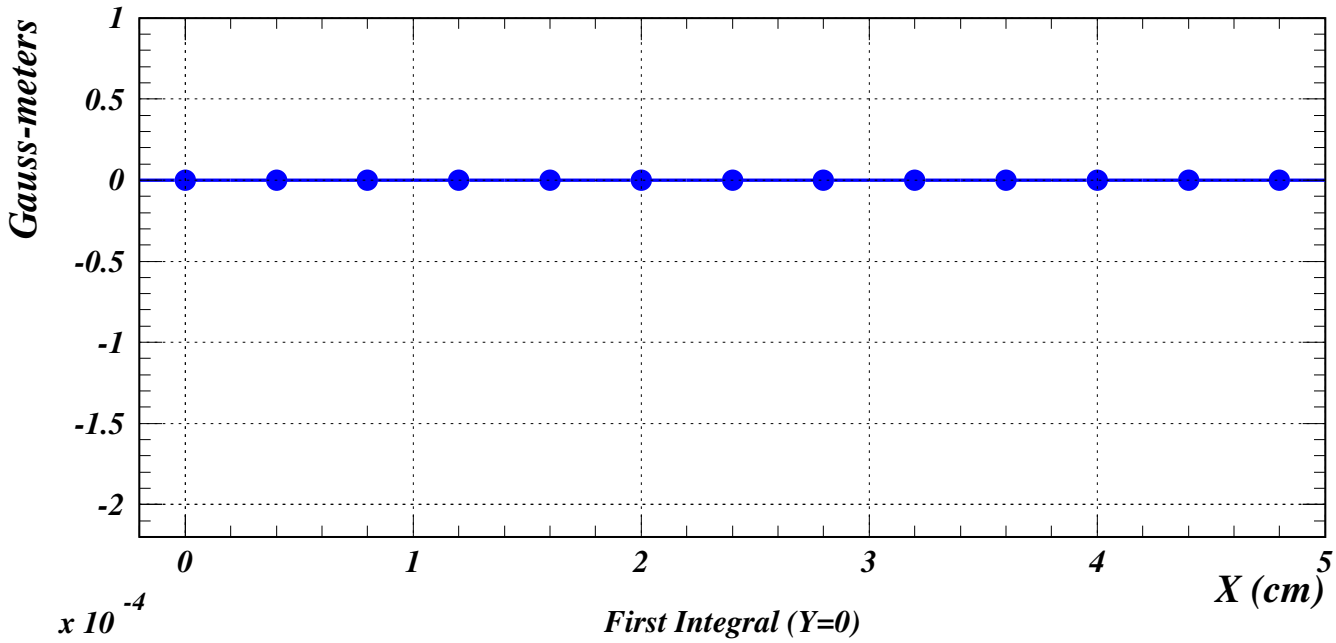
B_y versus Z at X=0 and Y=0

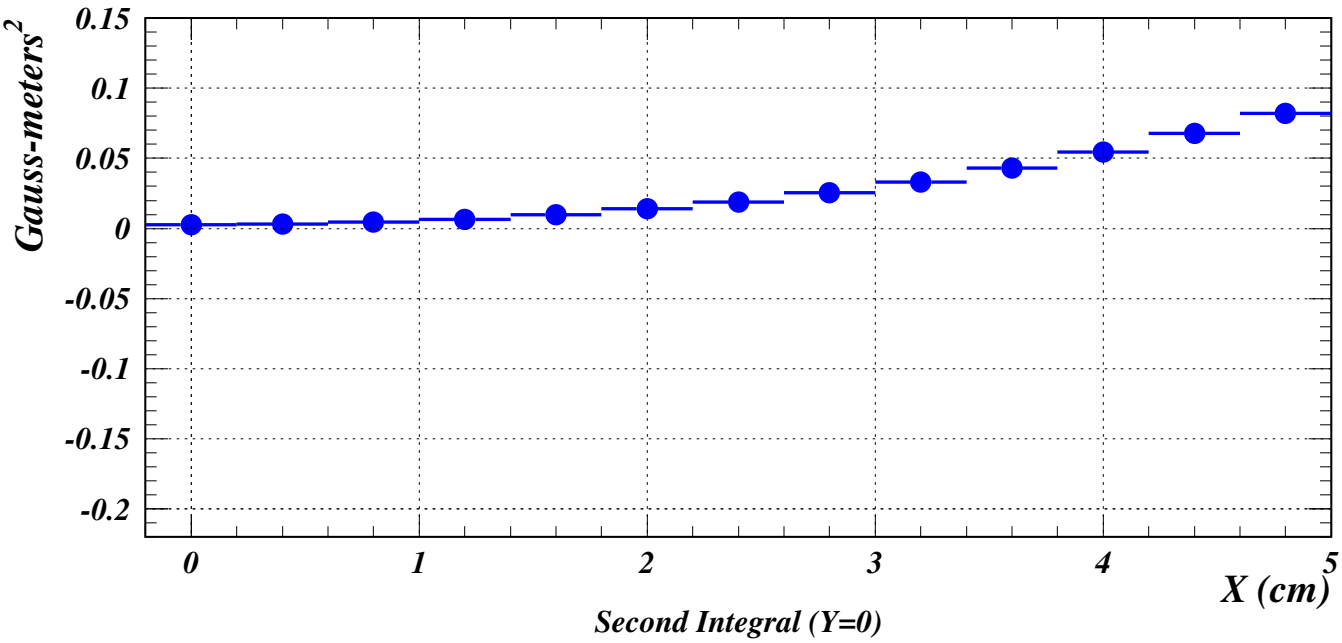


Integral of B_y versus Z at X=0 and Y=0

02/07/08 16.30

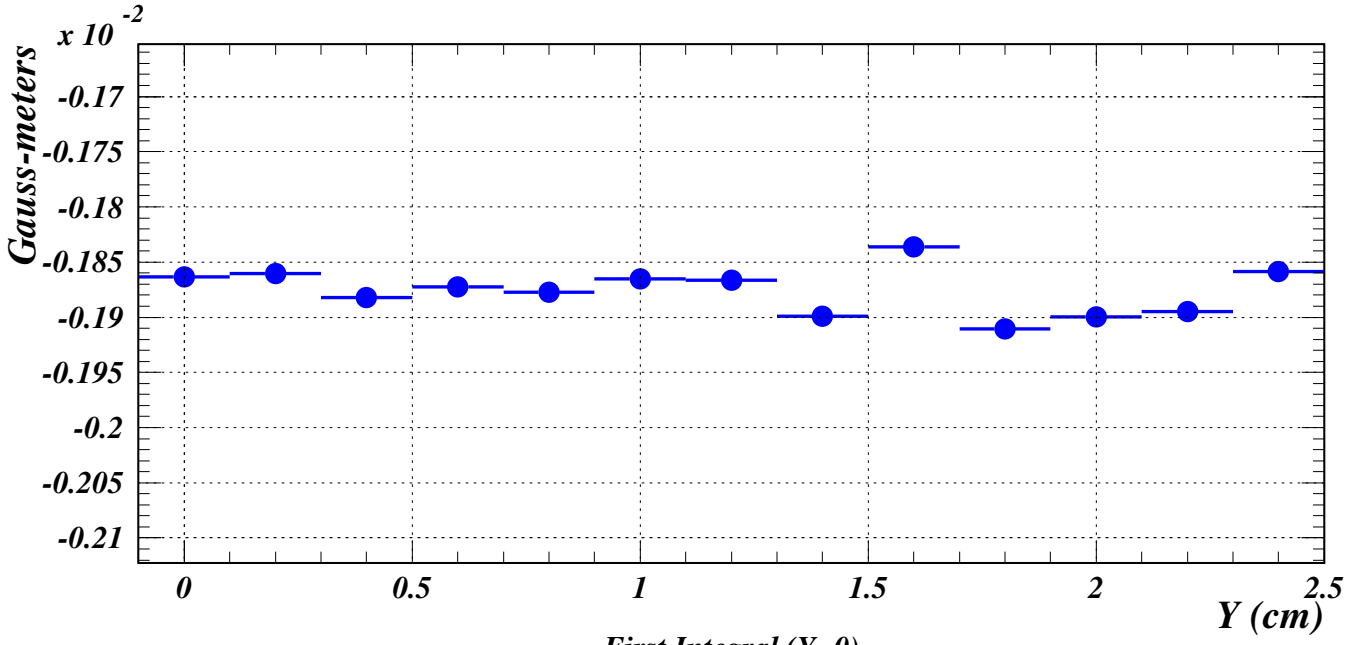
Field Map w8-20_12_114-- End Coil 51 A



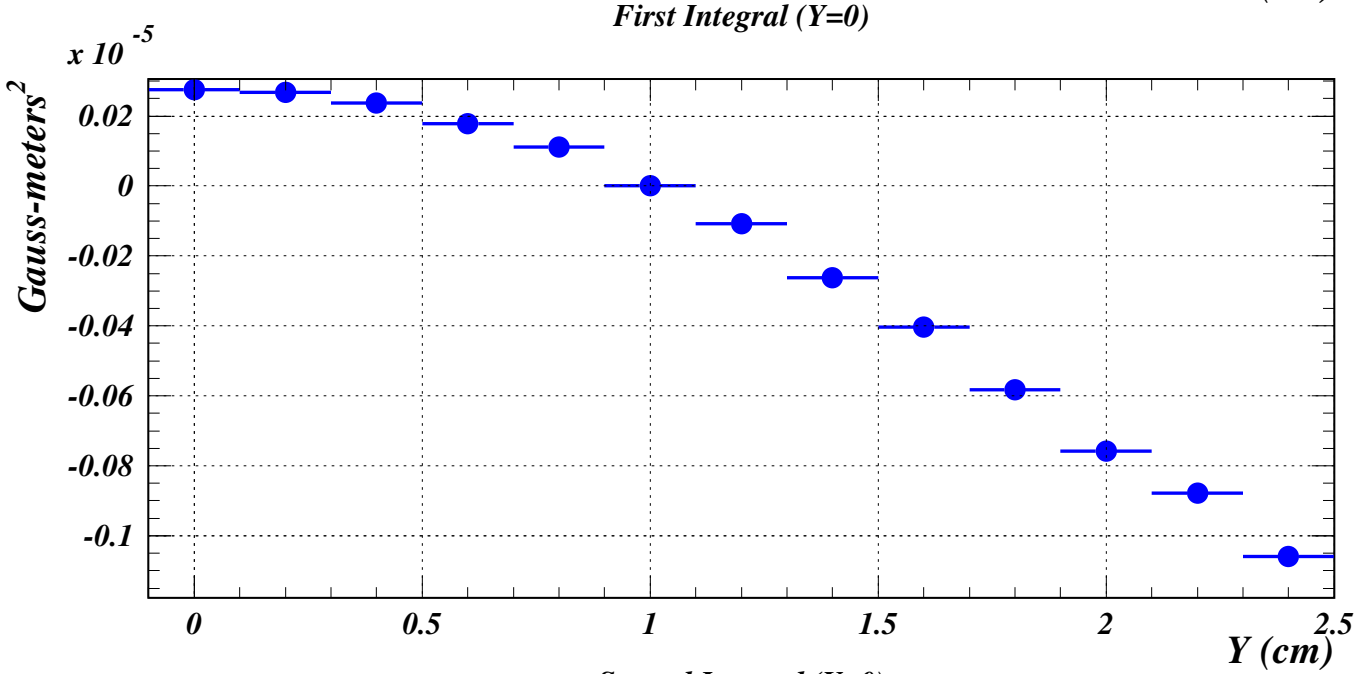


02/07/08 16.30

Field Map w8-20_12_114-- End Coil 51 A



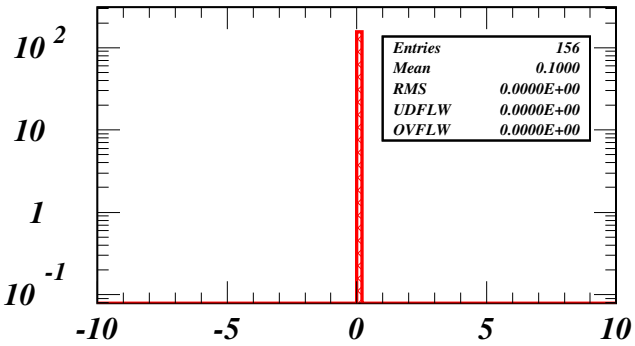
First Integral (Y=0)



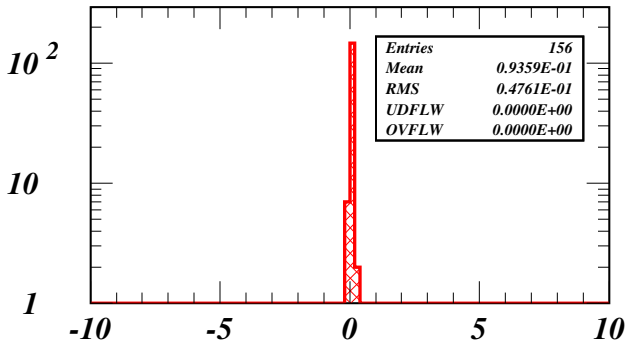
Second Integral (Y=0)

Test Boundary Conditions for w8-20_12_114

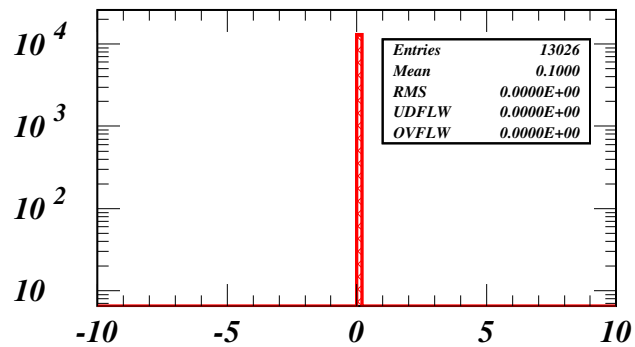
02/07/08 16.30



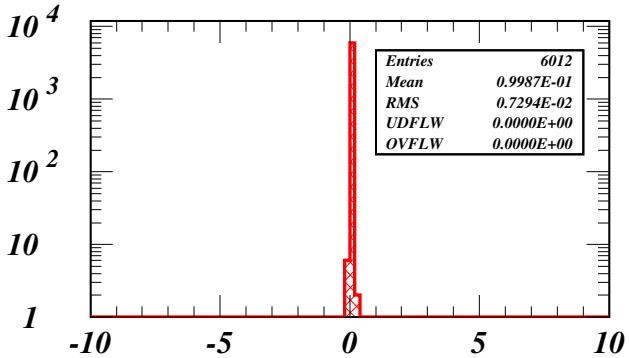
B_X on X-Y Plane (gauss)



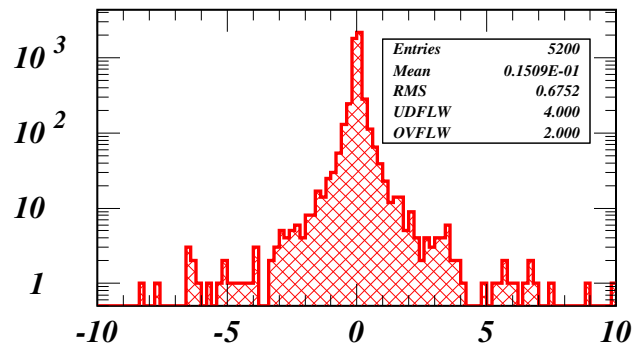
B_Y on X-Y Plane (gauss)



B_X on X-Z Plane (gauss)



B_Z on X-Z Plane (gauss)



B_X on Y-Z Plane (gauss)