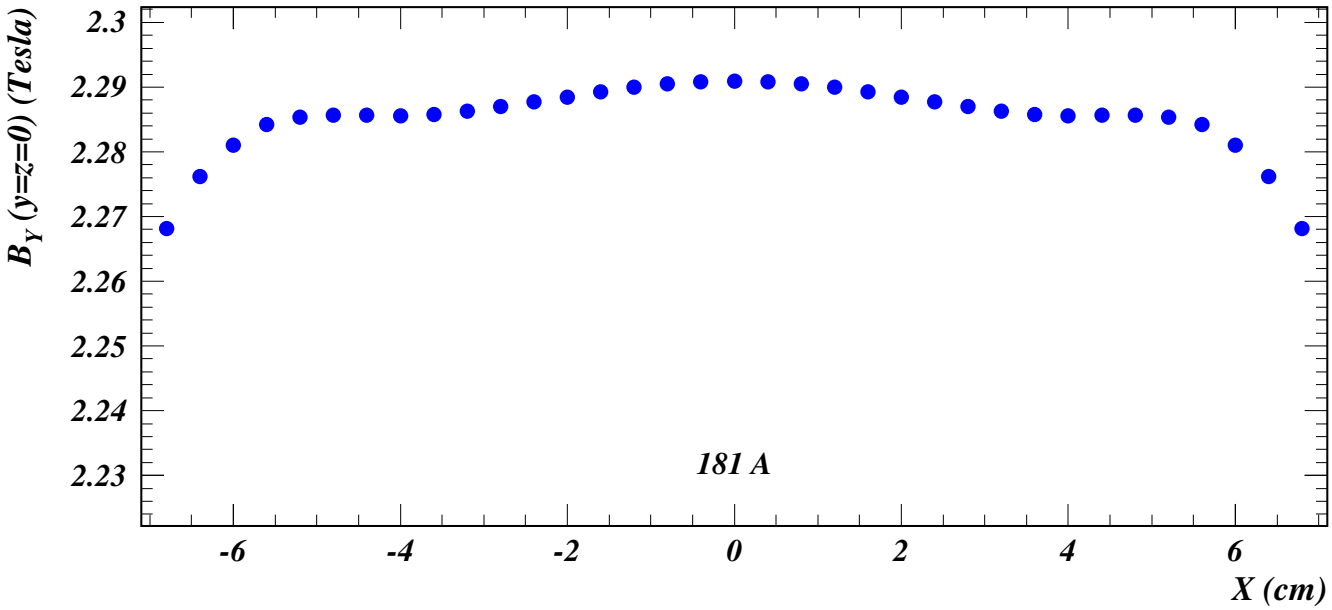
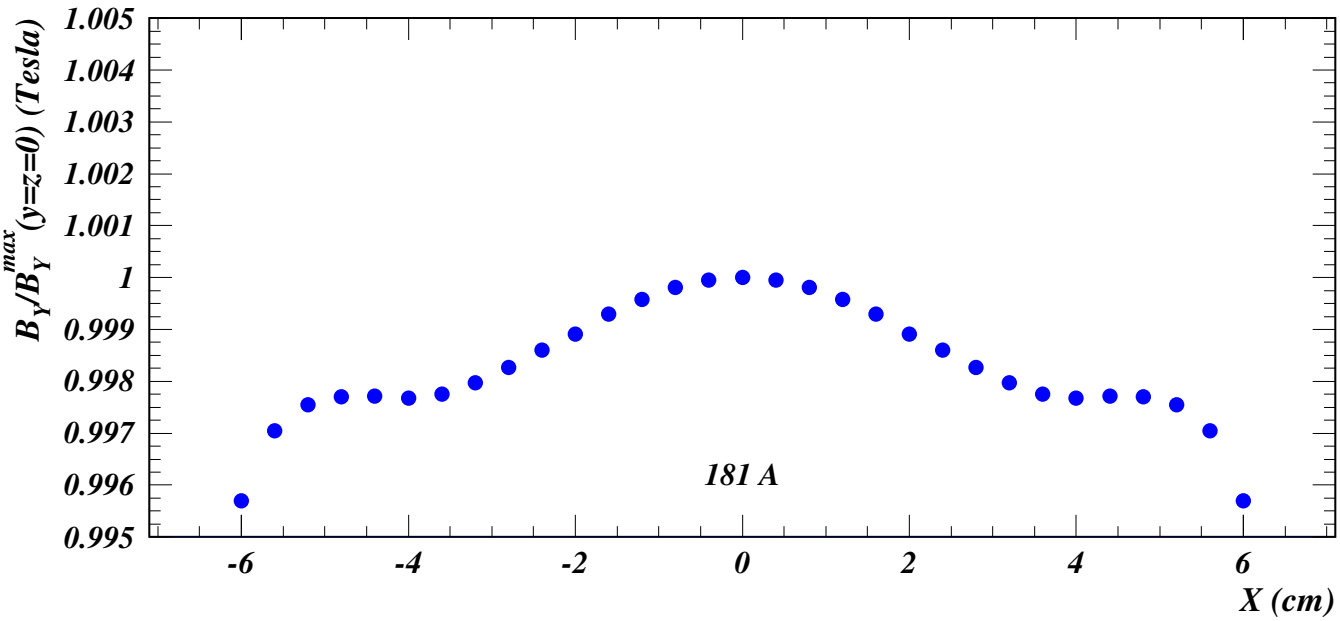
02/08/13 12.25

8-Pole 40 cm Wiggler: Central Pole



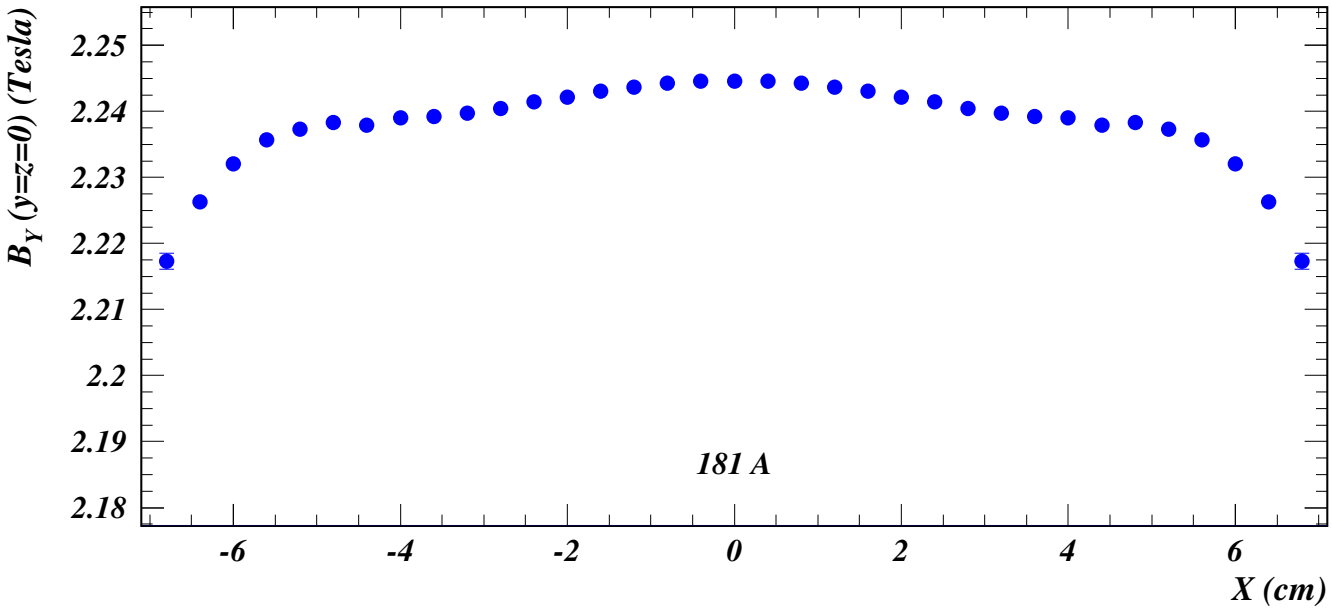
Z=10 cm



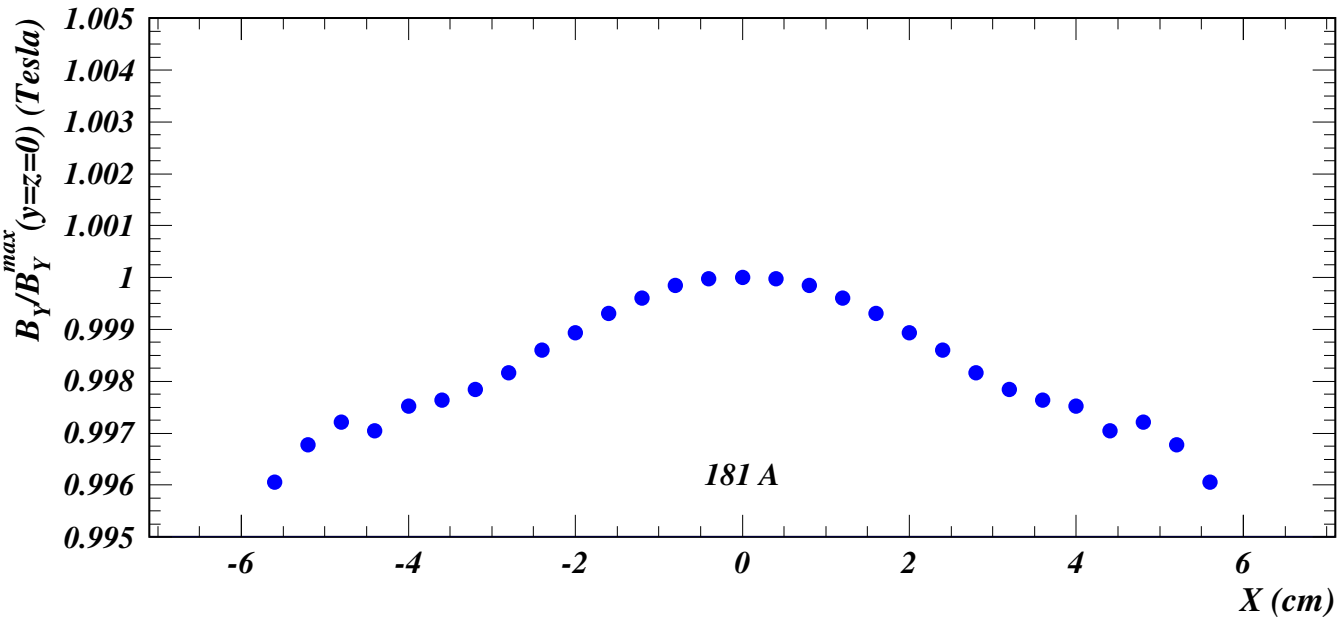
Z=10 cm

02/08/13 12.25

8-Pole 40 cm Wiggler: Next-to-Last Pole



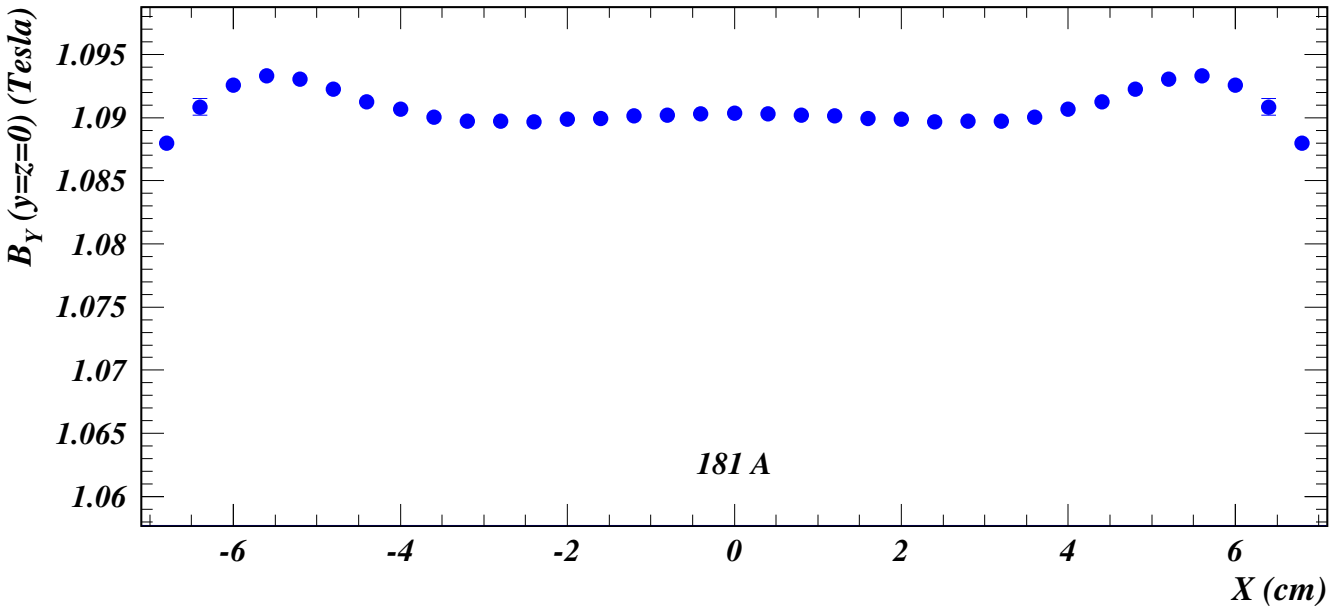
Z=47.6 cm



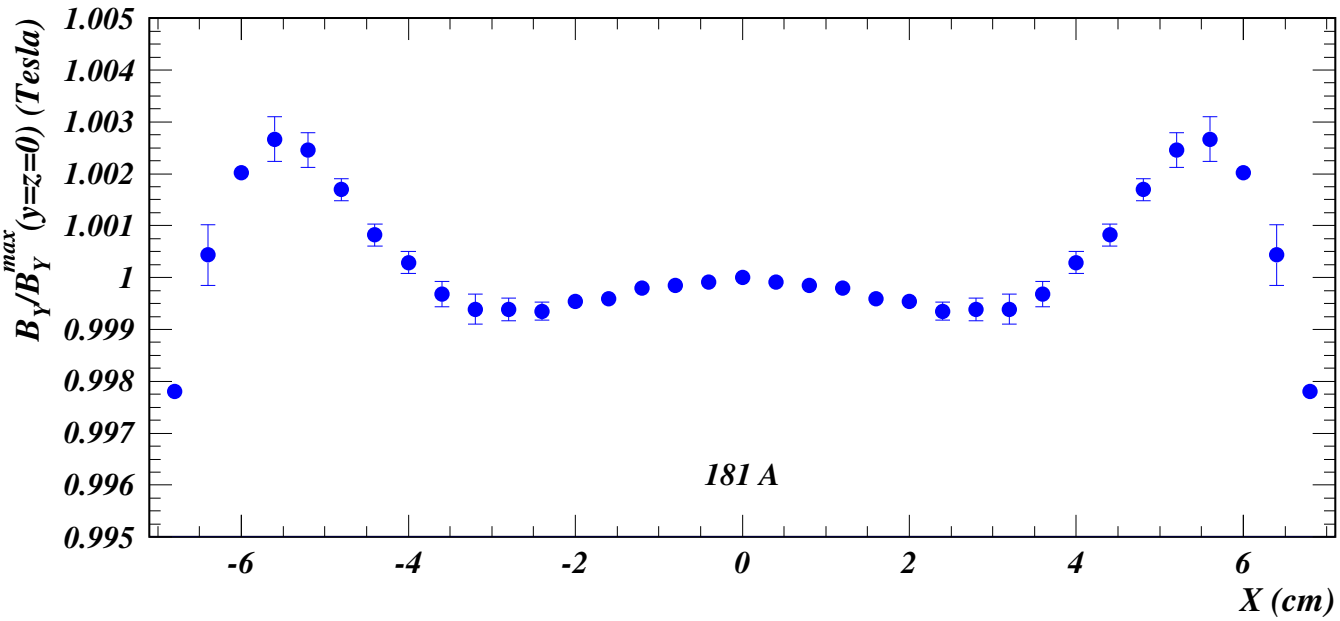
Z=47.6 cm

02/08/13 12.25

8-Pole 40 cm Wiggler: End Pole



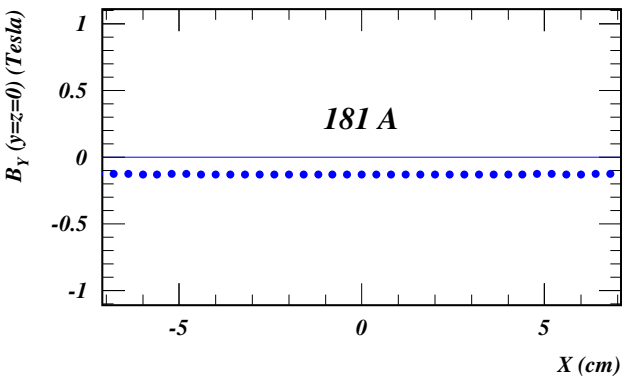
Z=60 cm



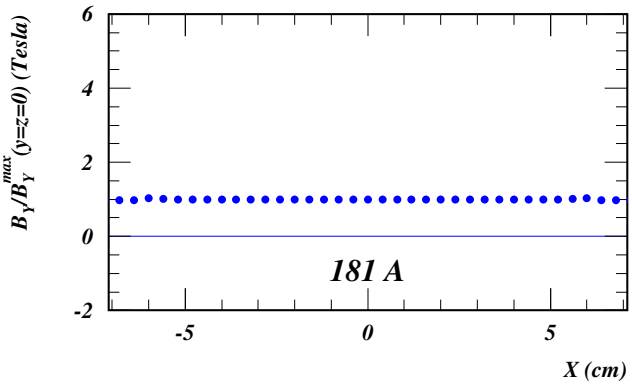
Z=60 cm

02/08/13 12.25

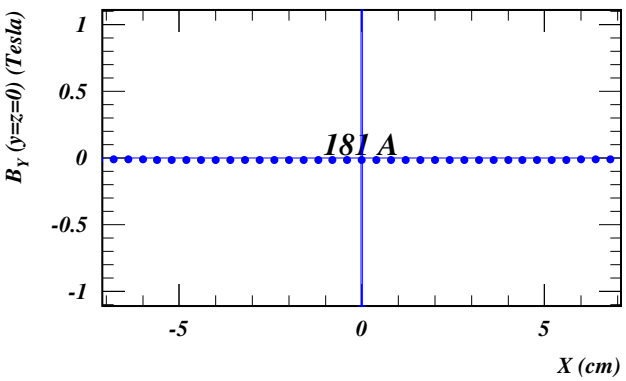
8-Pole 40 cm Wiggler: Between Central and Neighbor Pole



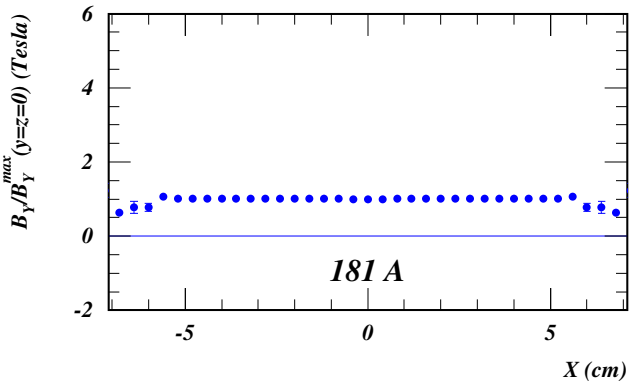
Z=19.8 cm



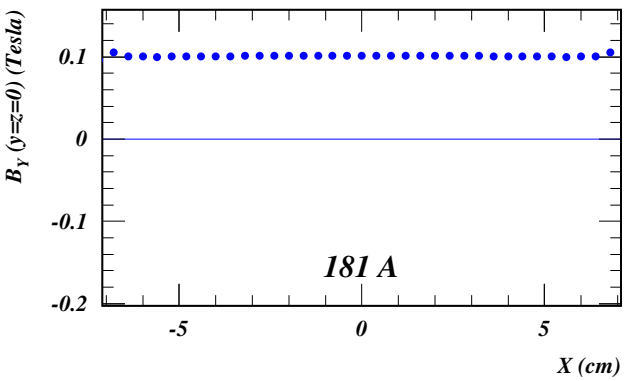
Z=19.8 cm



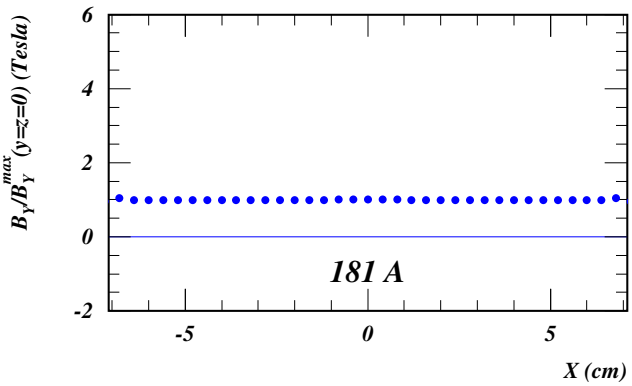
Z=20 cm



Z=20 cm



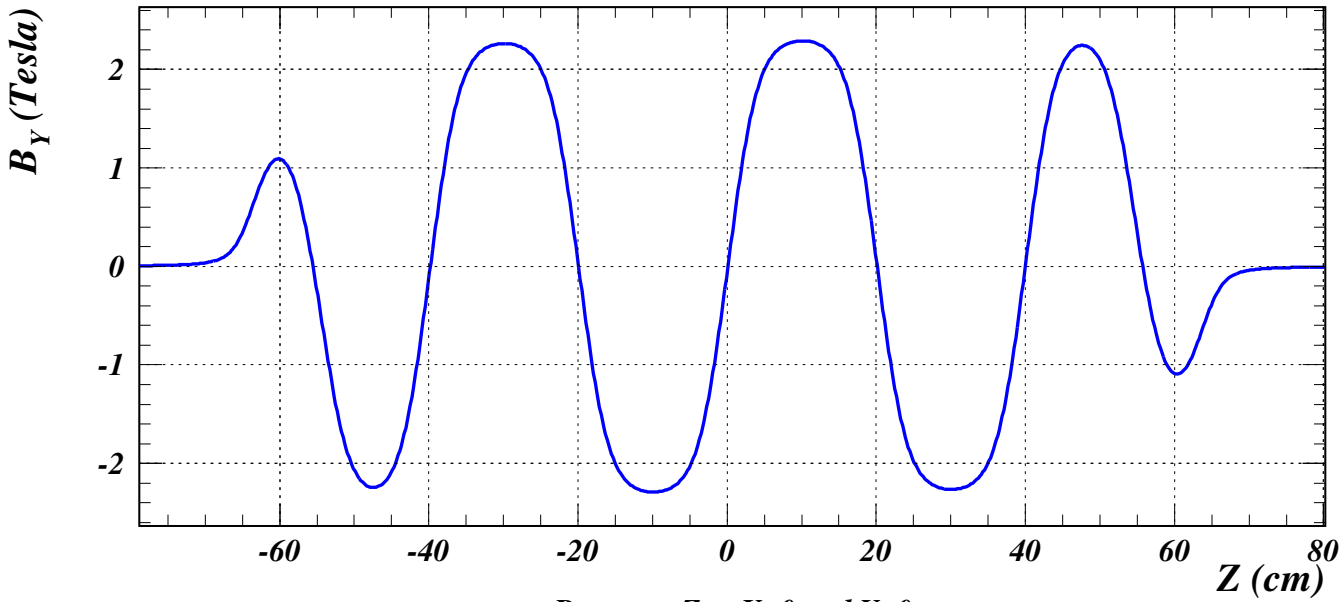
Z=20.2 cm



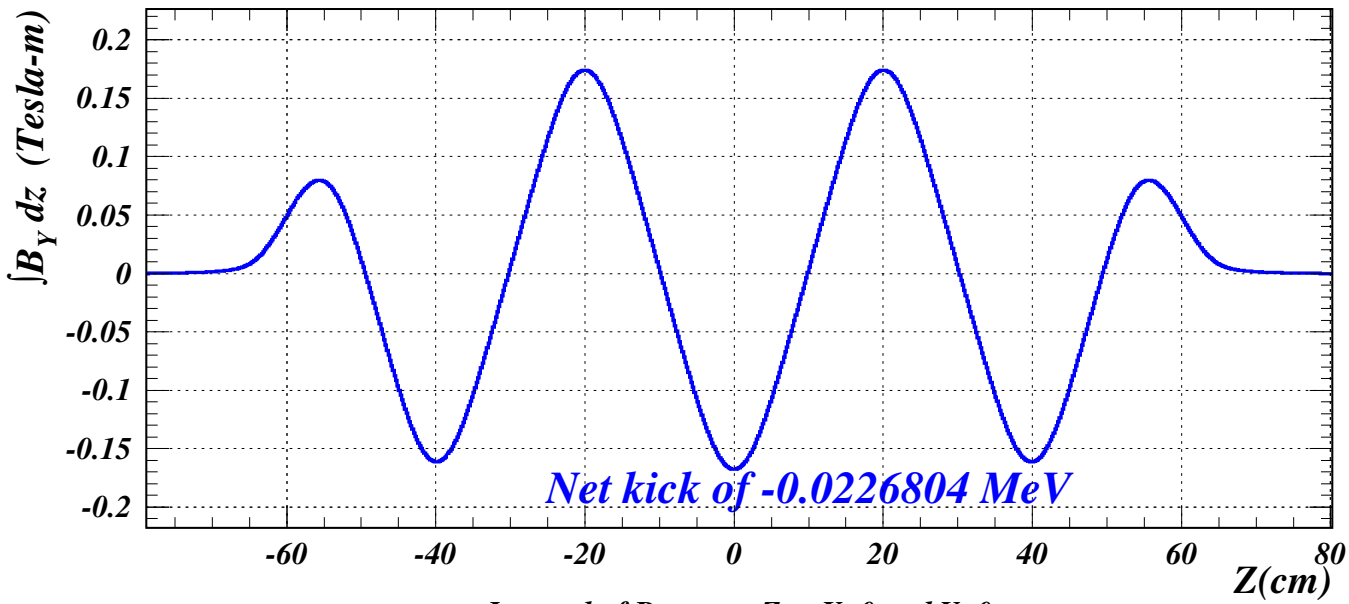
Z=20.2 cm

02/08/13 12.25

Field Map w8-20_10_181-- End Coil 74 A



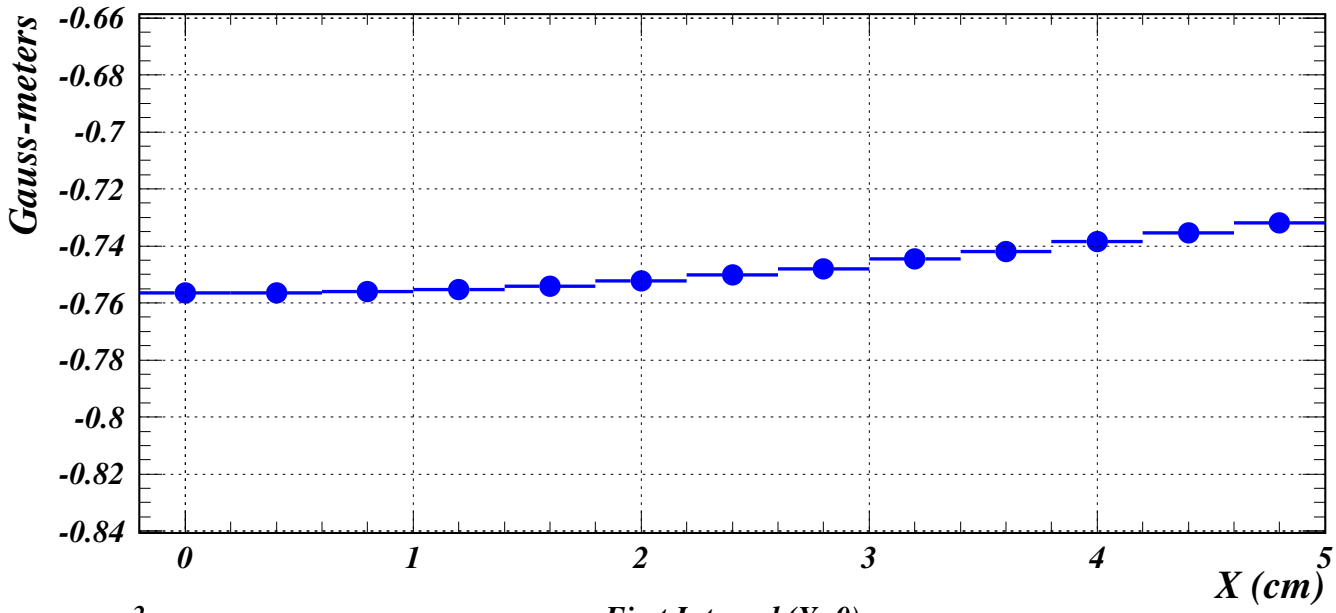
B_y versus Z at X=0 and Y=0



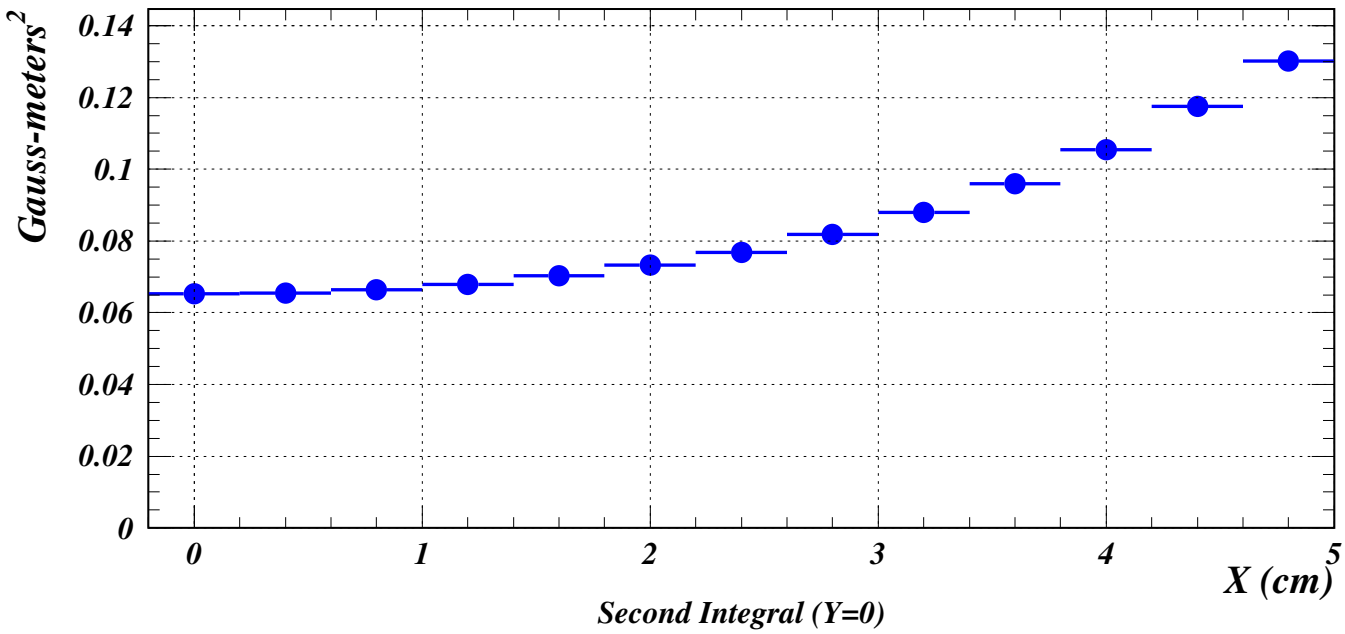
Integral of B_y versus Z at X=0 and Y=0

02/08/13 12.31

Field Map w8-20_10_181-- End Coil 74 A



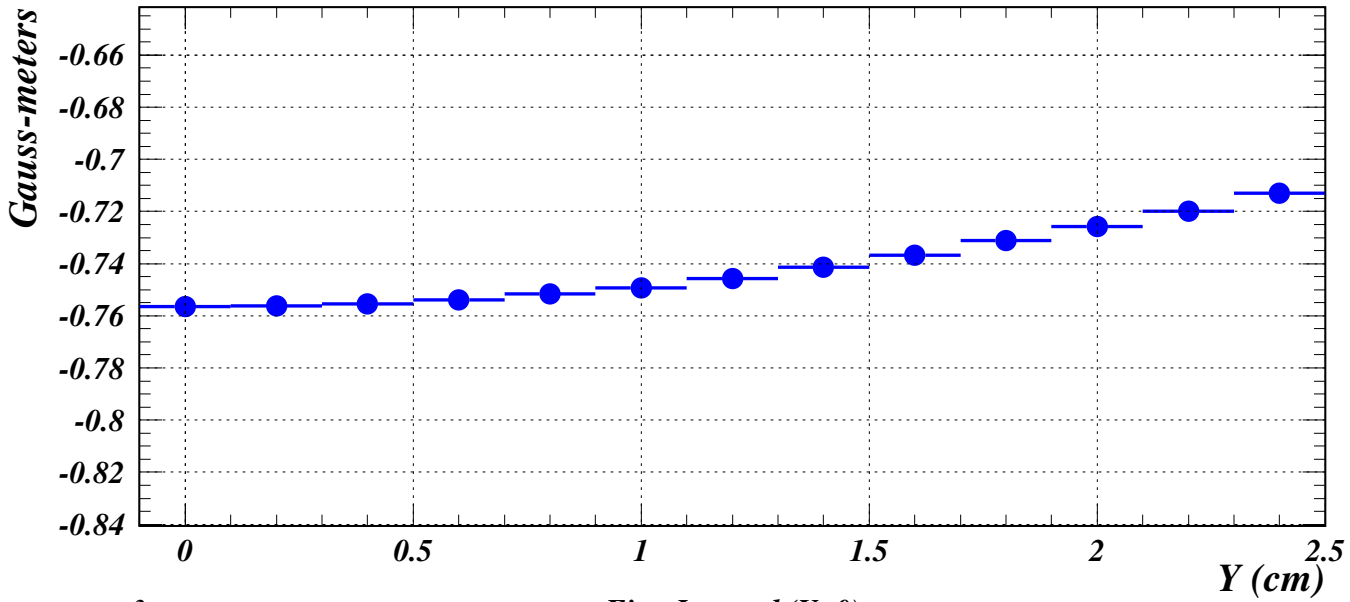
First Integral (Y=0)



Second Integral (Y=0)

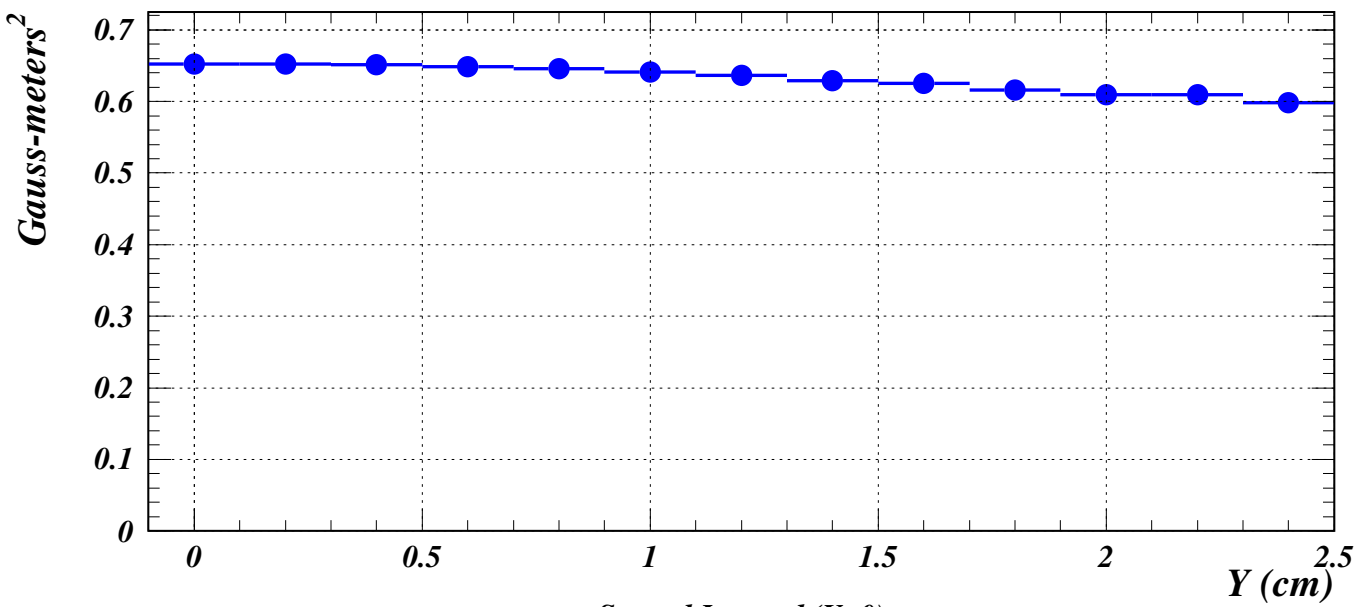
02/08/13 12.31

Field Map w8-20_10_181-- End Coil 74 A



First Integral (Y=0)

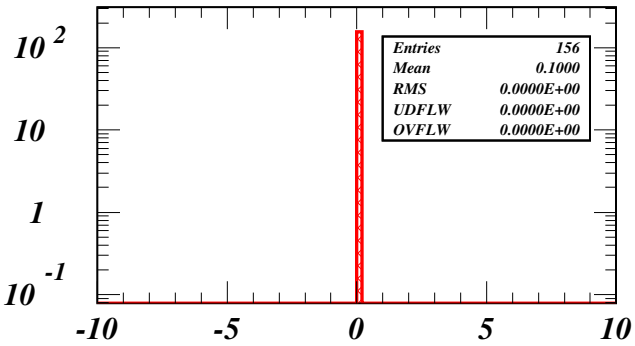
x 10 -3



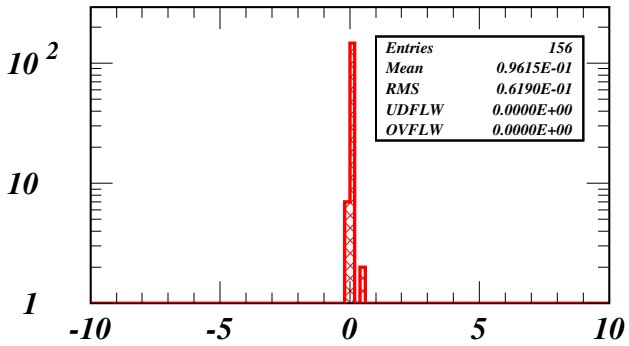
Second Integral (Y=0)

02/08/13 12.31

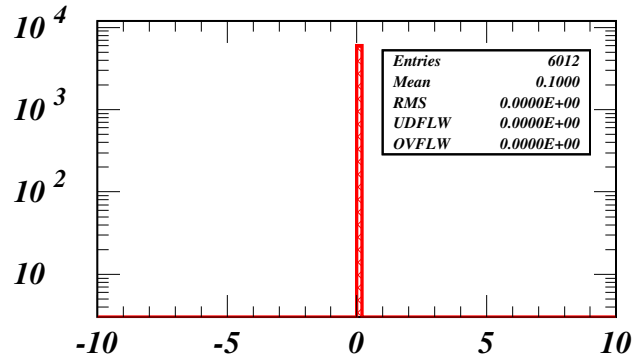
Test Boundary Conditions for w8-20_10_181



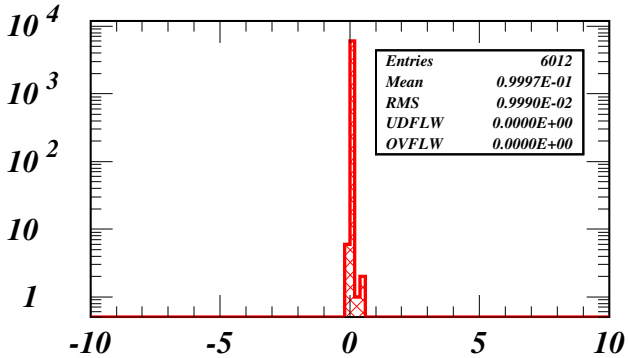
B_X on X-Y Plane (gauss)



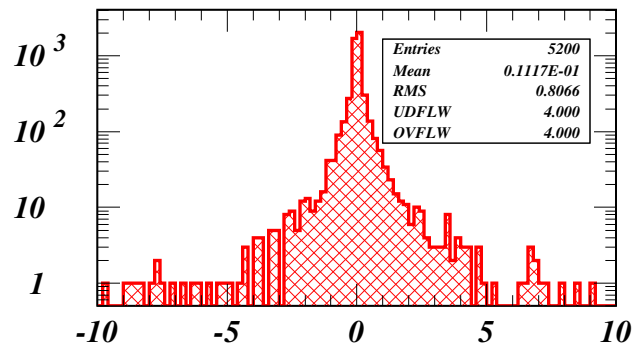
B_Y on X-Y Plane (gauss)



B_X on X-Z Plane (gauss)



B_Z on X-Z Plane (gauss)



B_X on Y-Z Plane (gauss)