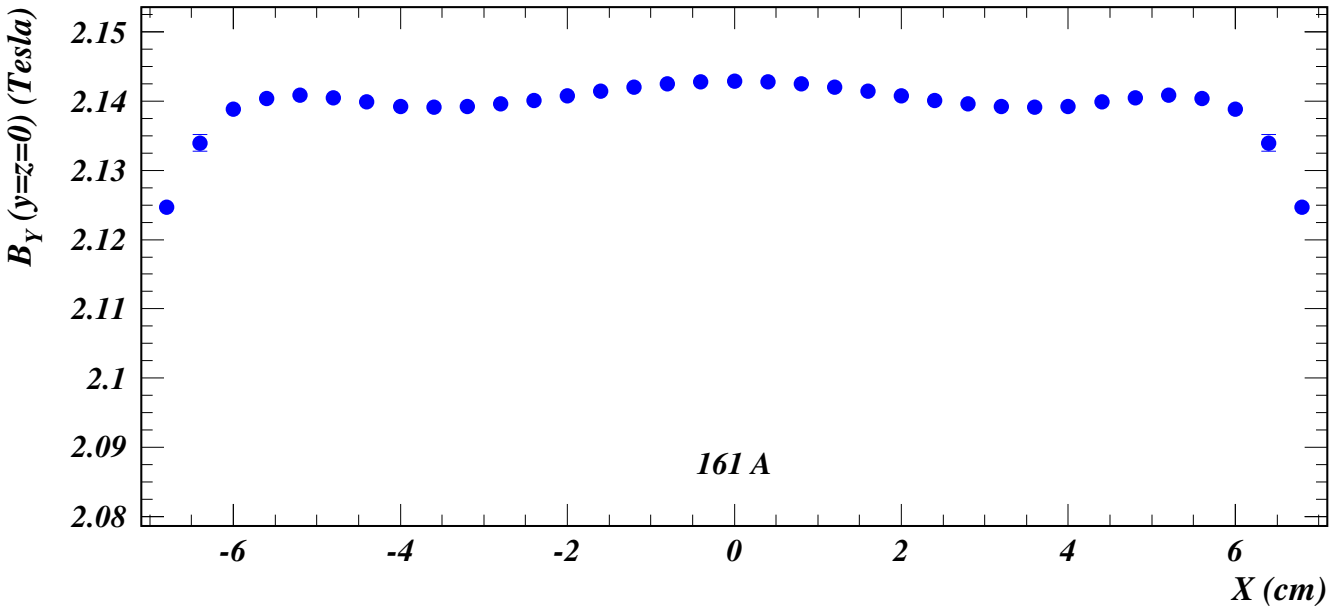
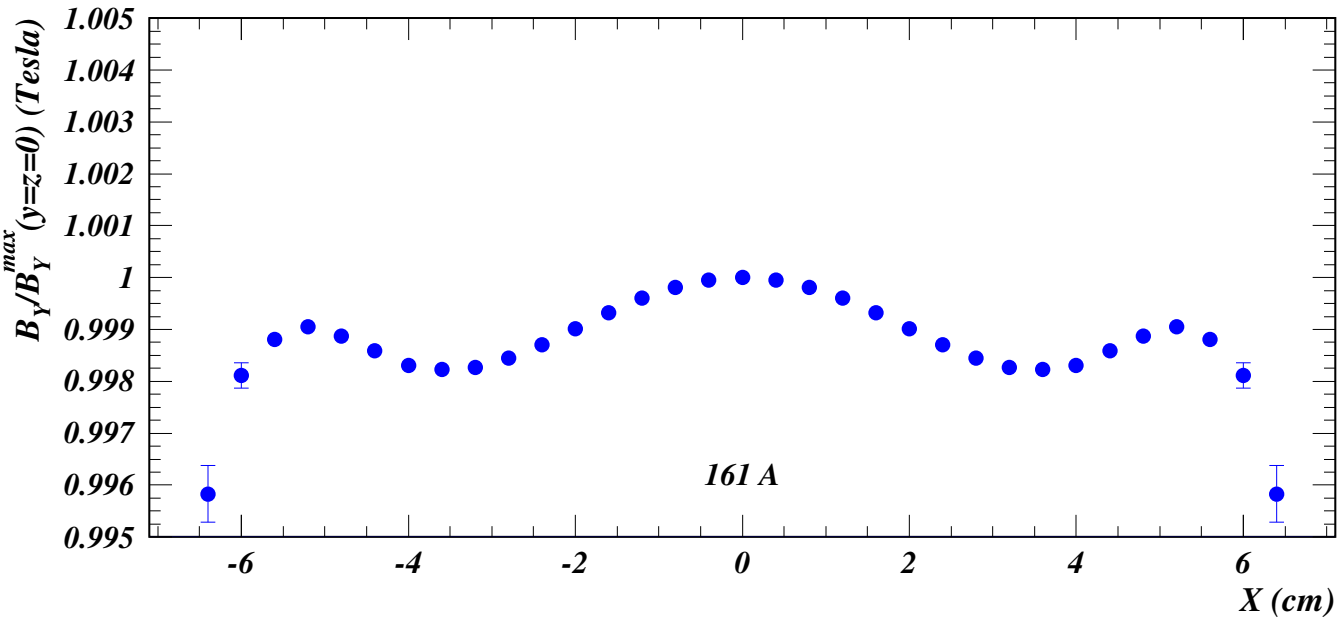
02/08/13 12.08

7-Pole 40 cm Wiggler: Central Pole



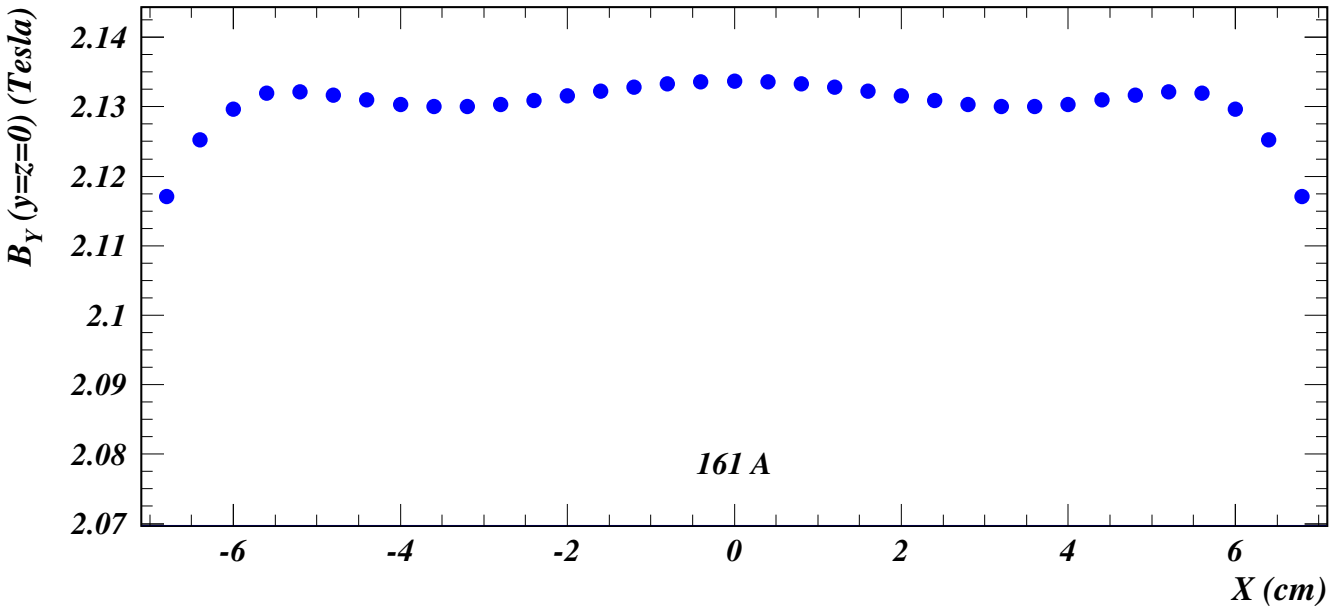
Z=0 cm



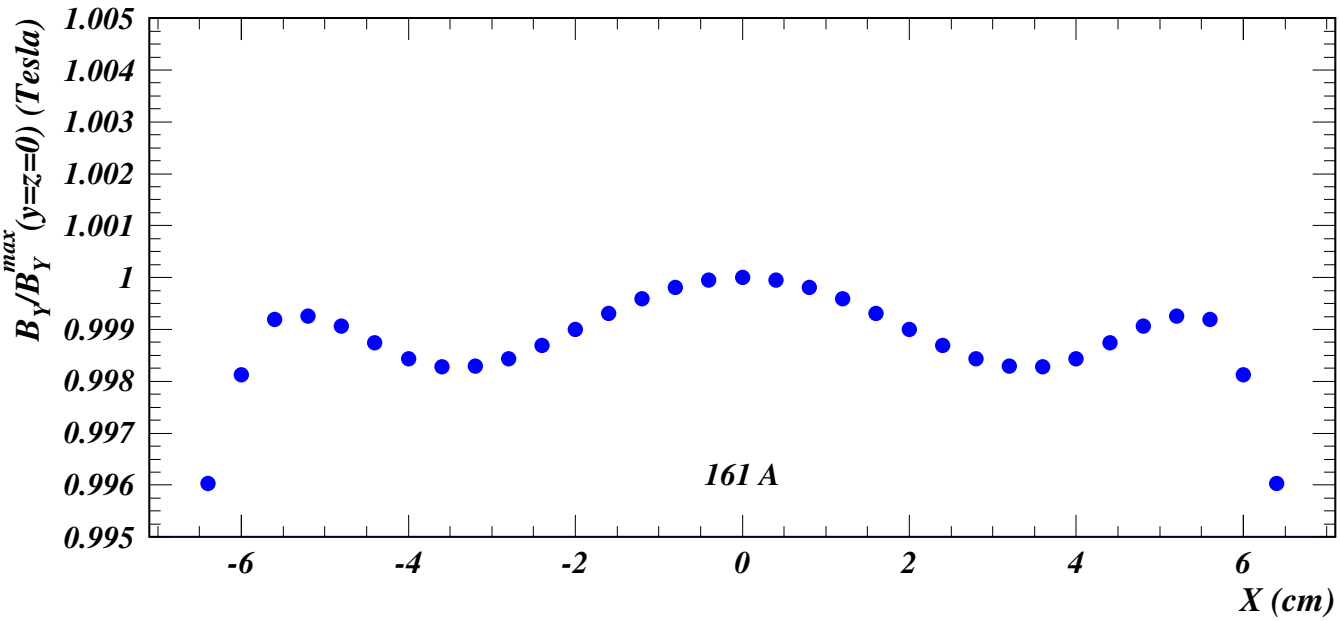
Z=0 cm

02/08/13 12.08

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



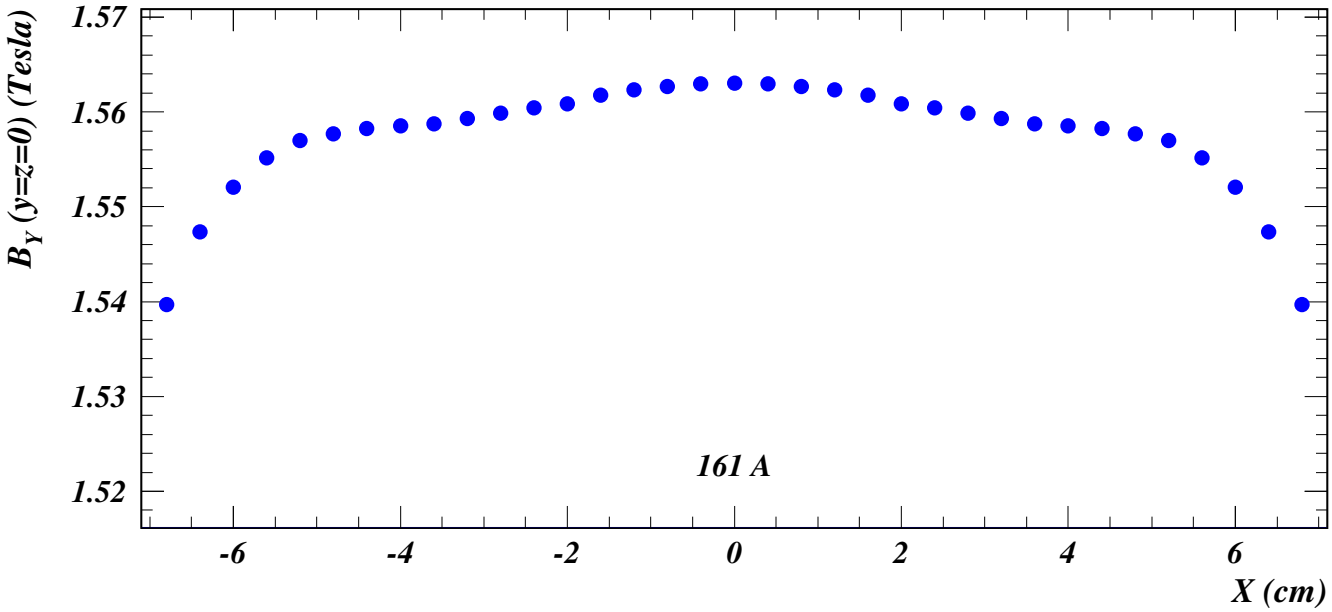
Z=40 cm



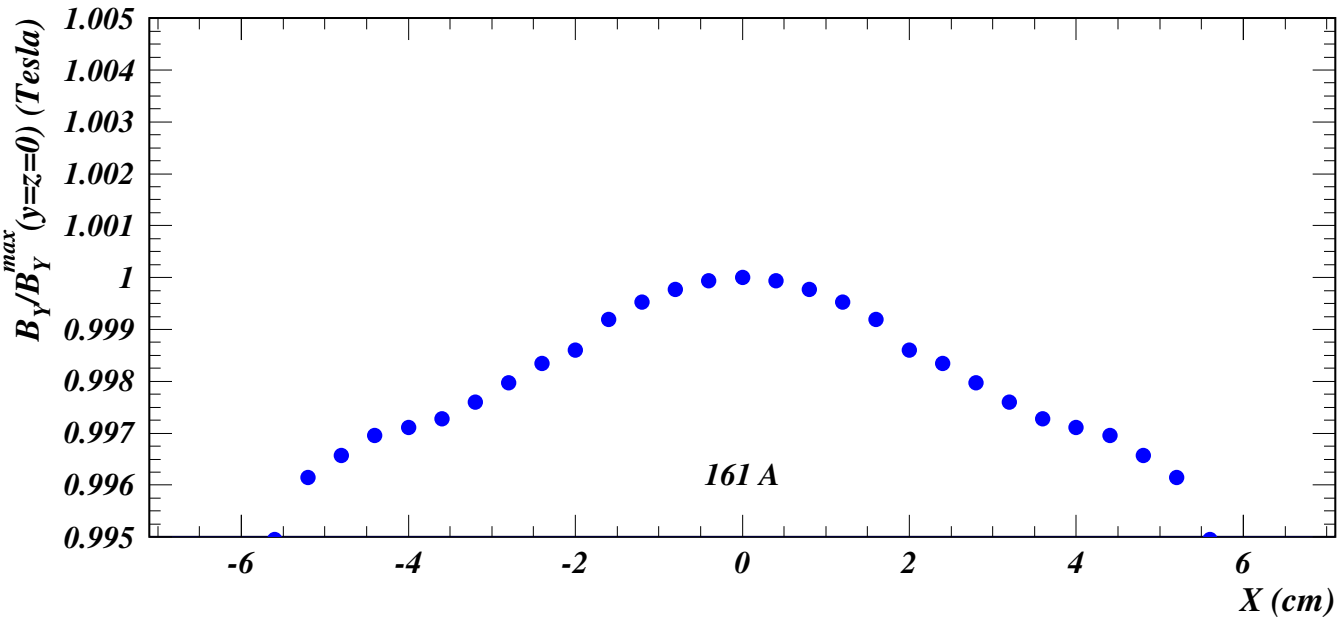
Z=40 cm

02/08/13 12.08

7-Pole 40 cm Wiggler: End Pole



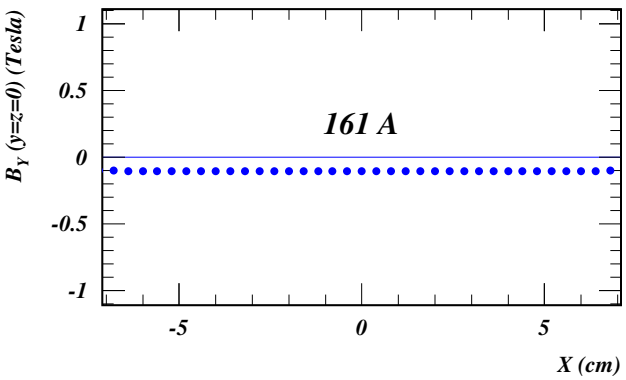
Z=57.6 cm



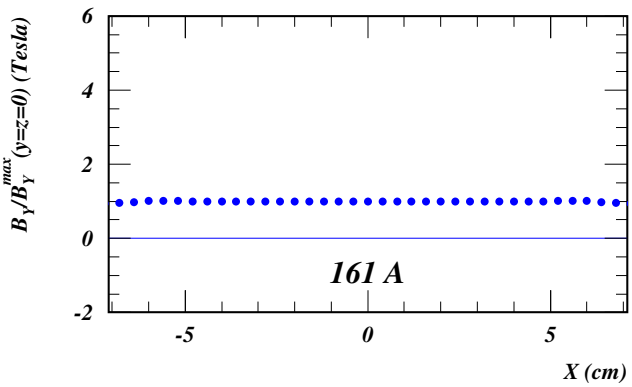
Z=57.6 cm

02/08/13 12.08

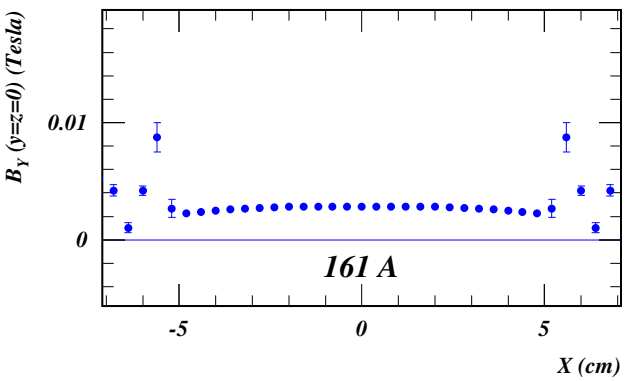
7-Pole 40 cm Wiggler: Between Central and Neighbor Pole



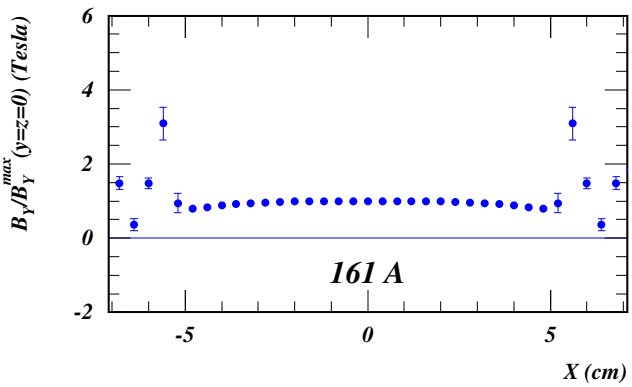
Z=9.8 cm



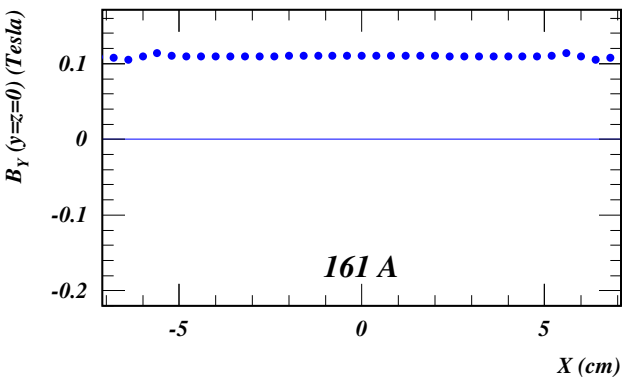
Z=9.8 cm



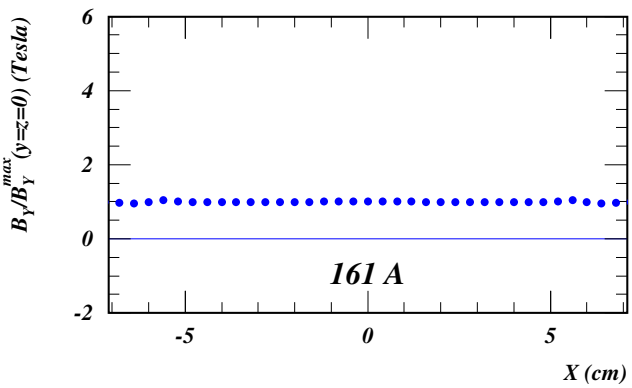
Z=10 cm



Z=10 cm



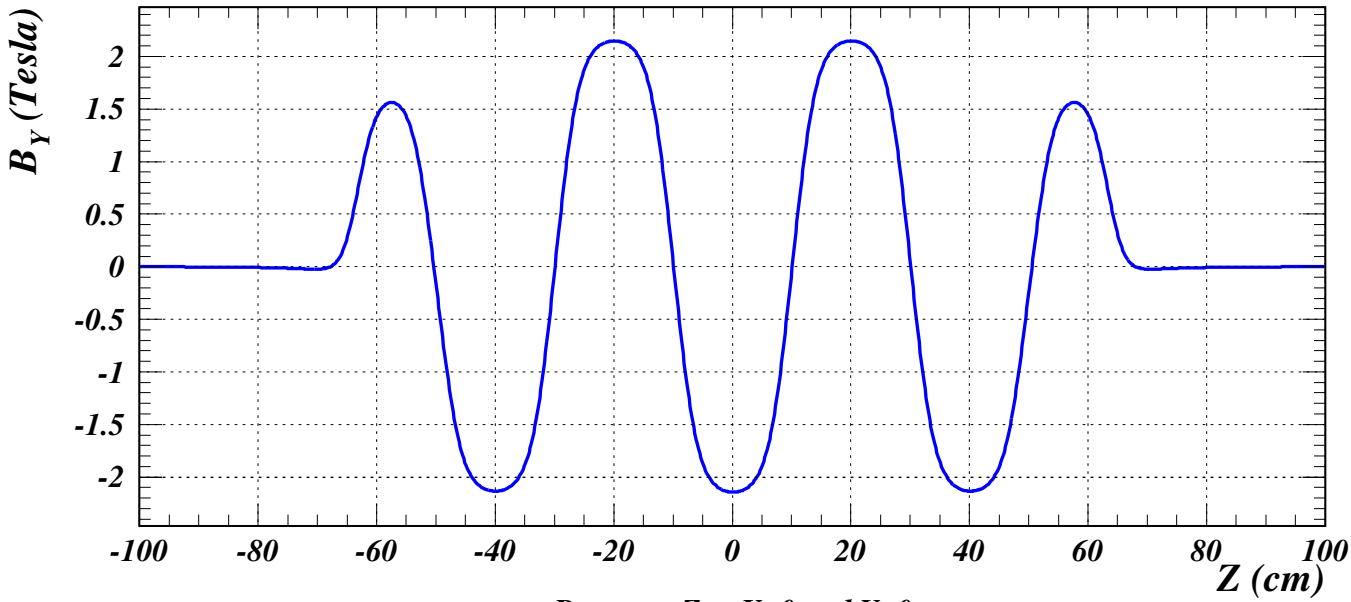
Z=10.2 cm



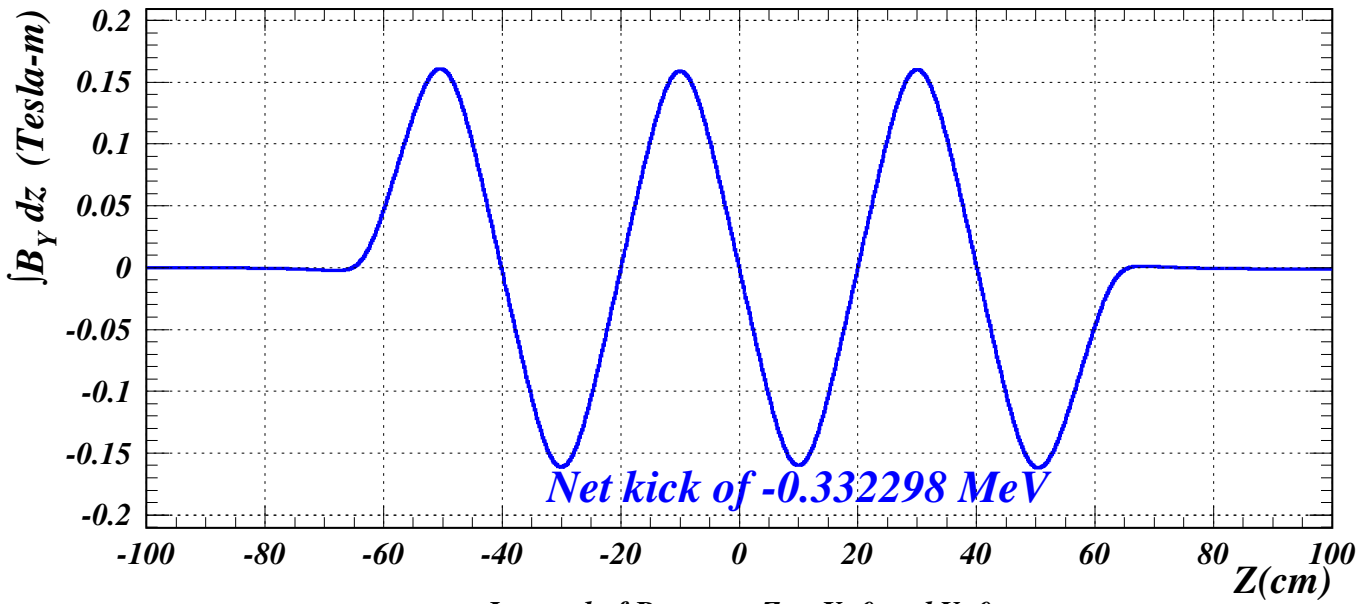
Z=10.2 cm

02/08/13 12.08

Field Map w7-20_26_161-- Trim Coil 1.3 A



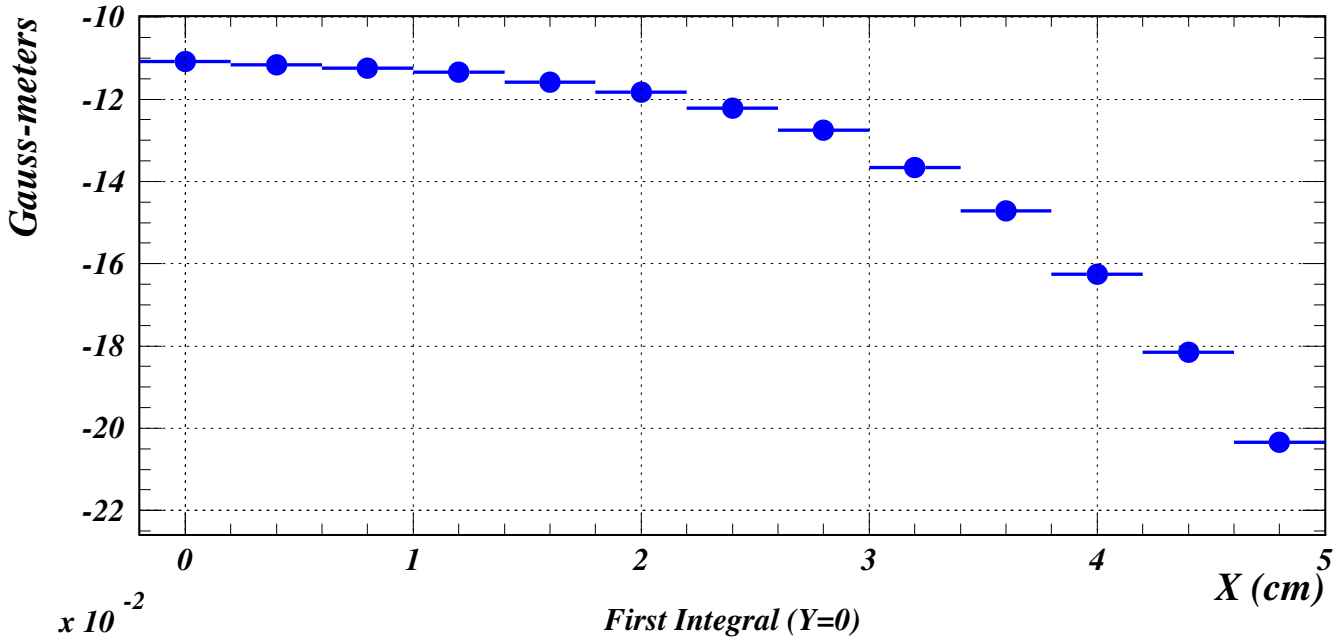
B_y versus Z at X=0 and Y=0

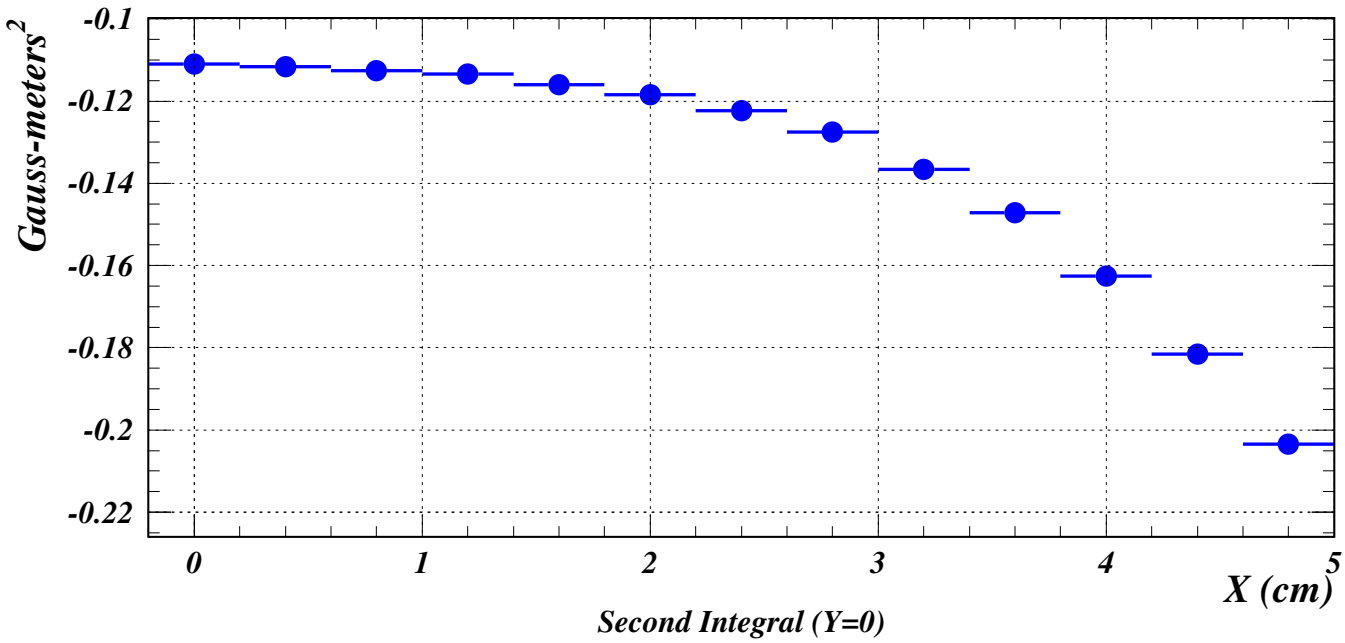


Integral of B_y versus Z at X=0 and Y=0

02/08/13 12.13

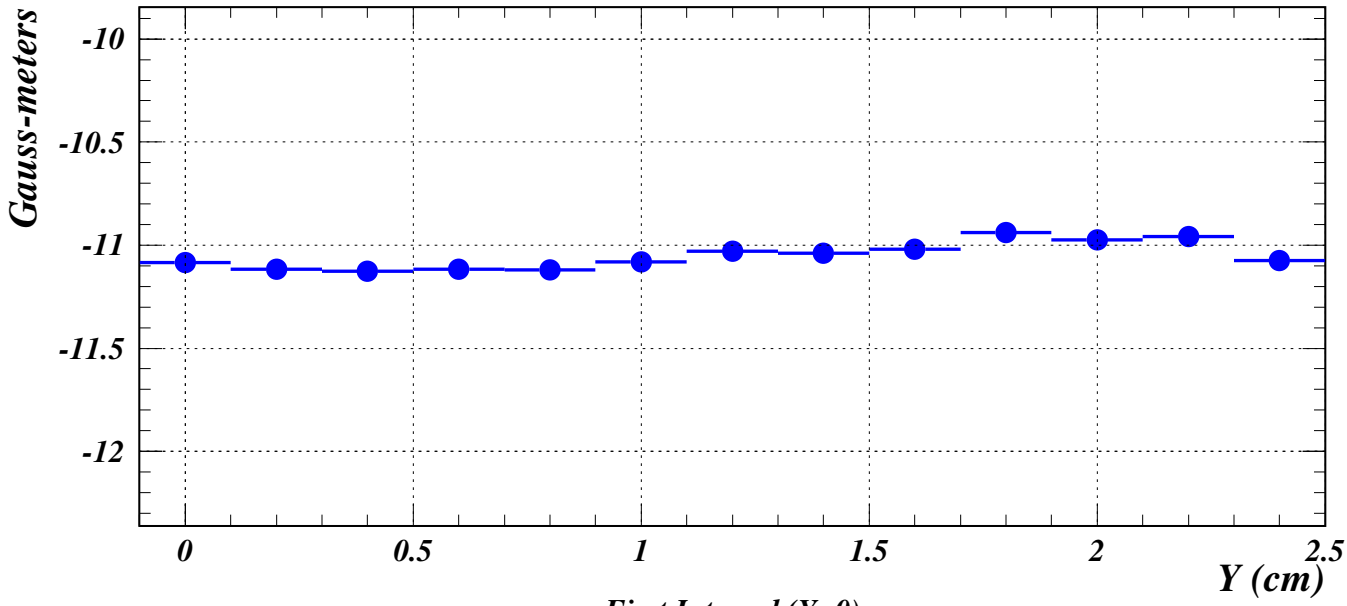
Field Map w7-20_26_161-- Trim Coil 1.3 A



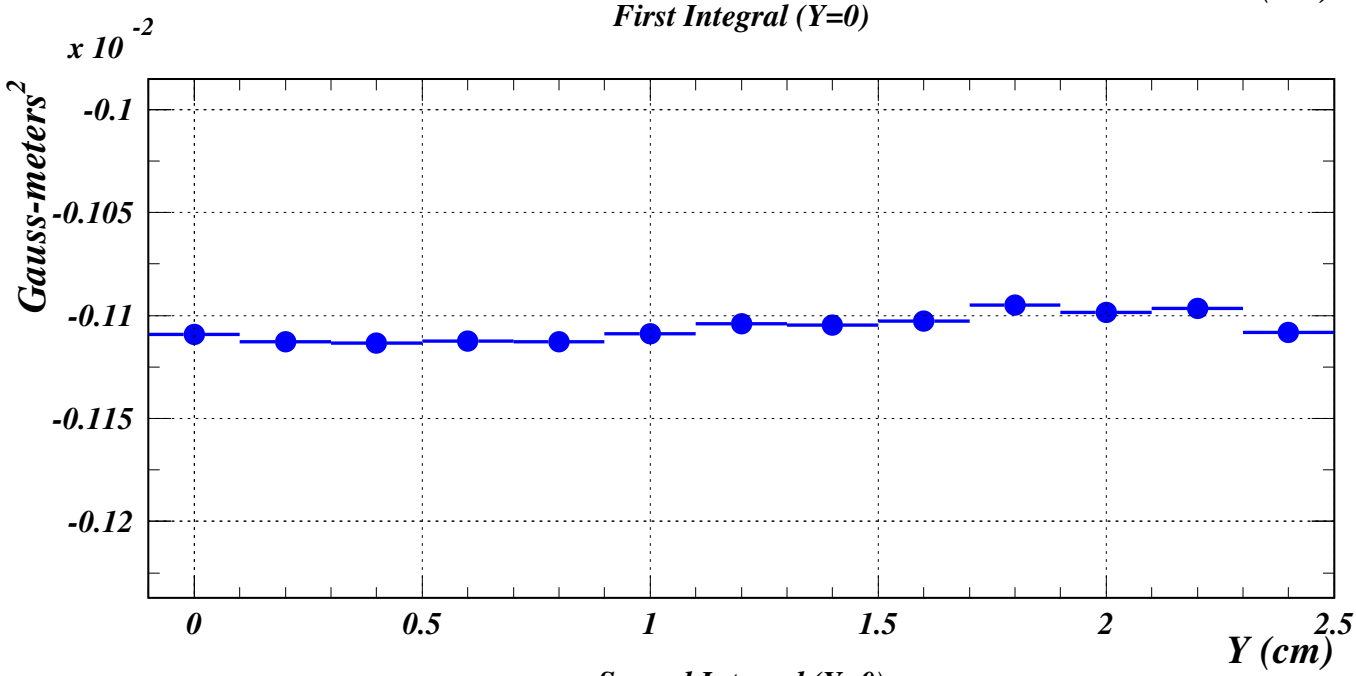


02/08/13 12.13

Field Map w7-20_26_161-- Trim Coil 1.3 A

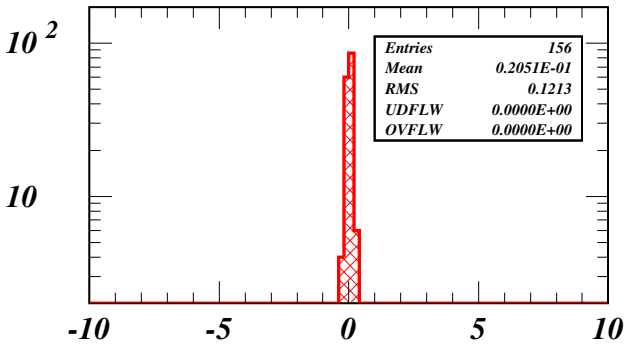


First Integral (Y=0)

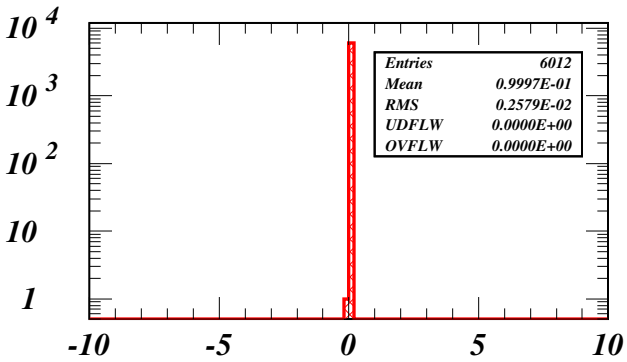


Second Integral (Y=0)

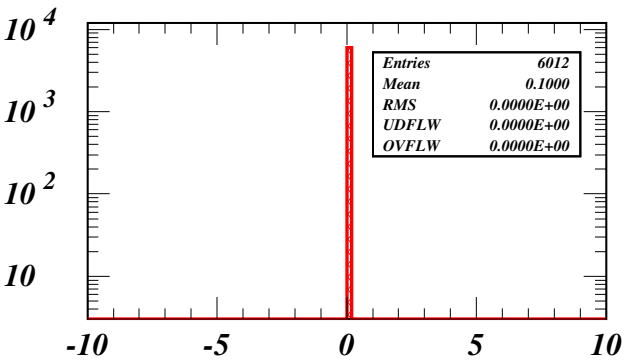
Test Boundary Conditions for w7-20_26_161



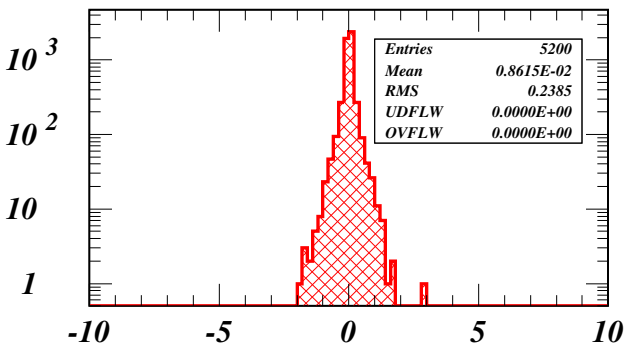
B_Z on X-Y Plane (gauss)



B_X on X-Z Plane (gauss)



B_Z on X-Z Plane (gauss)



B_X on Y-Z Plane (gauss)