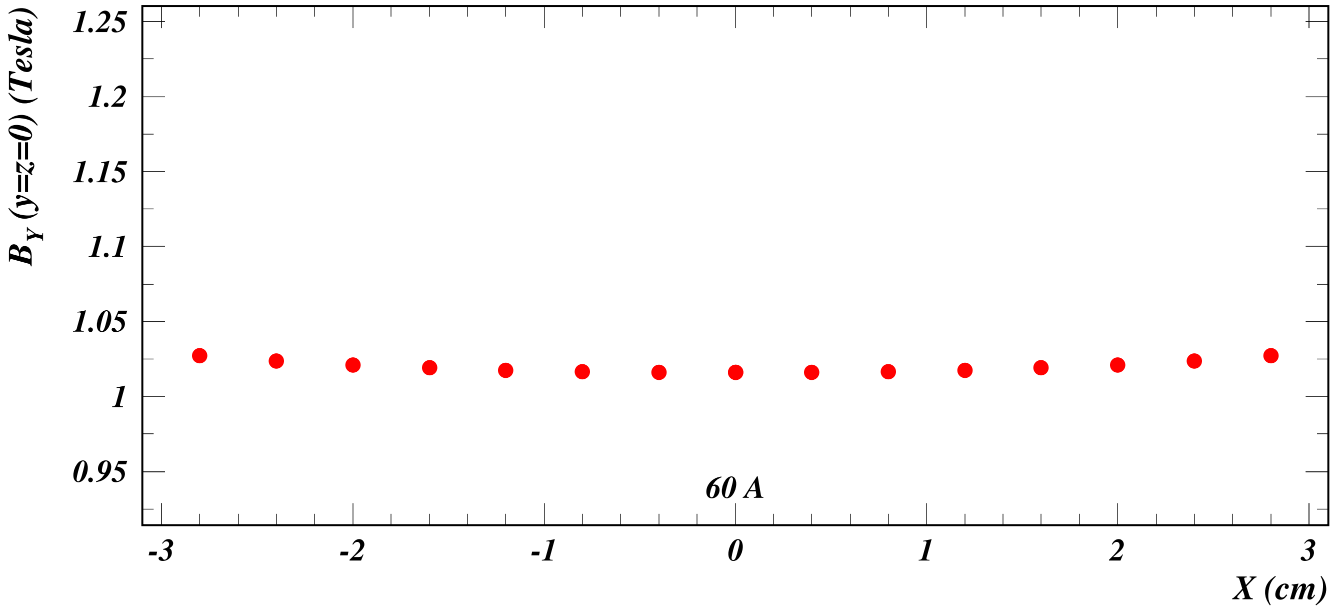
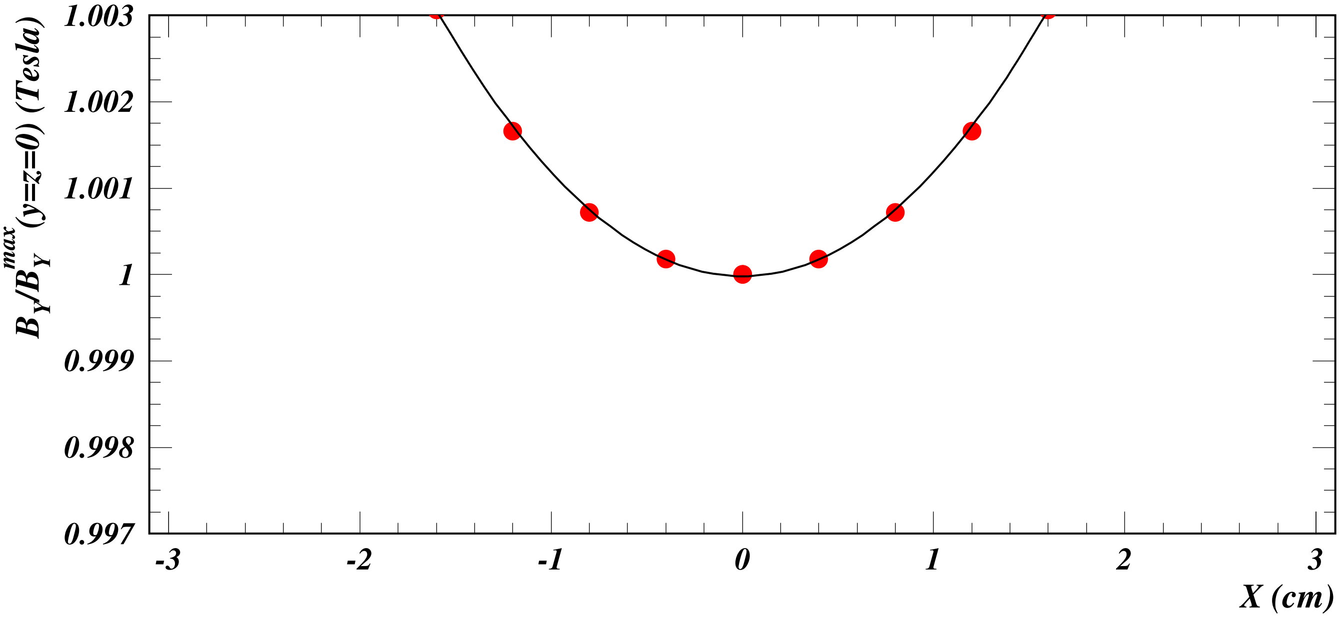
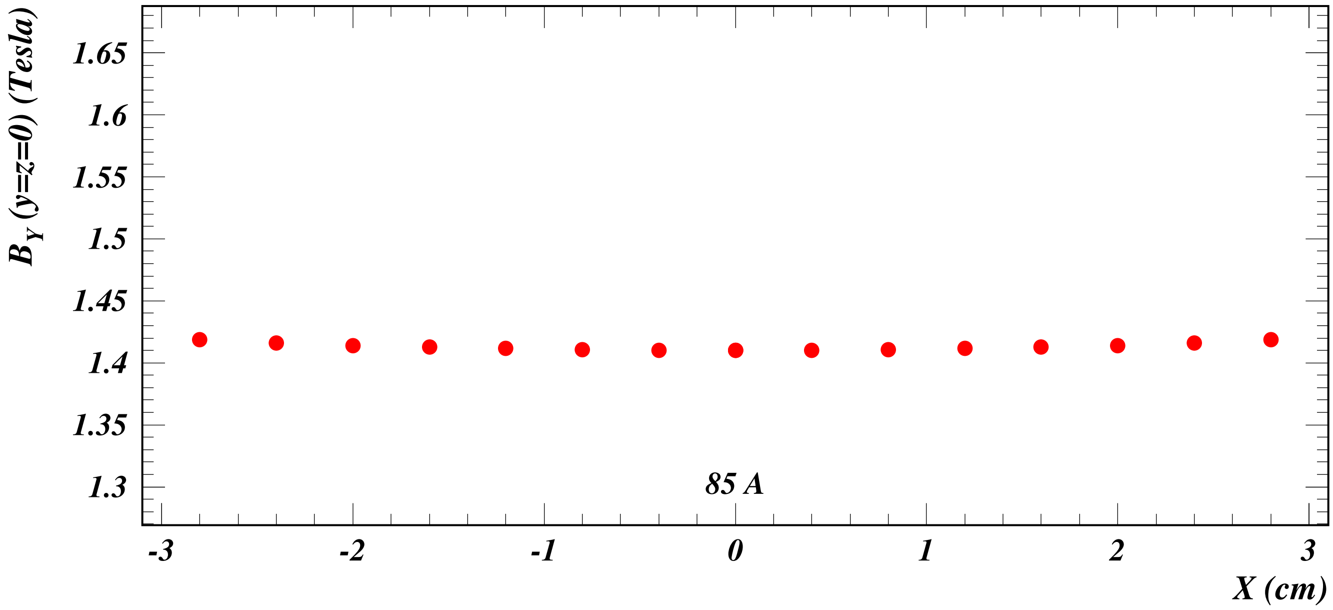
02/04/29 17.21

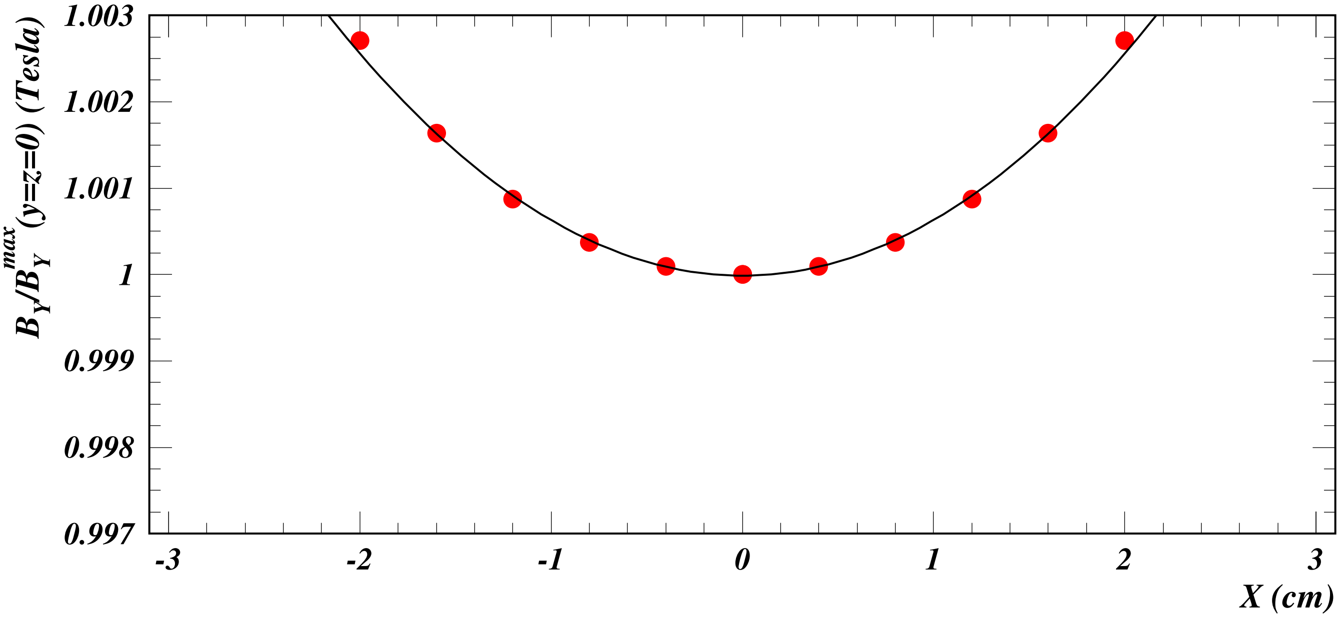
Central Pole





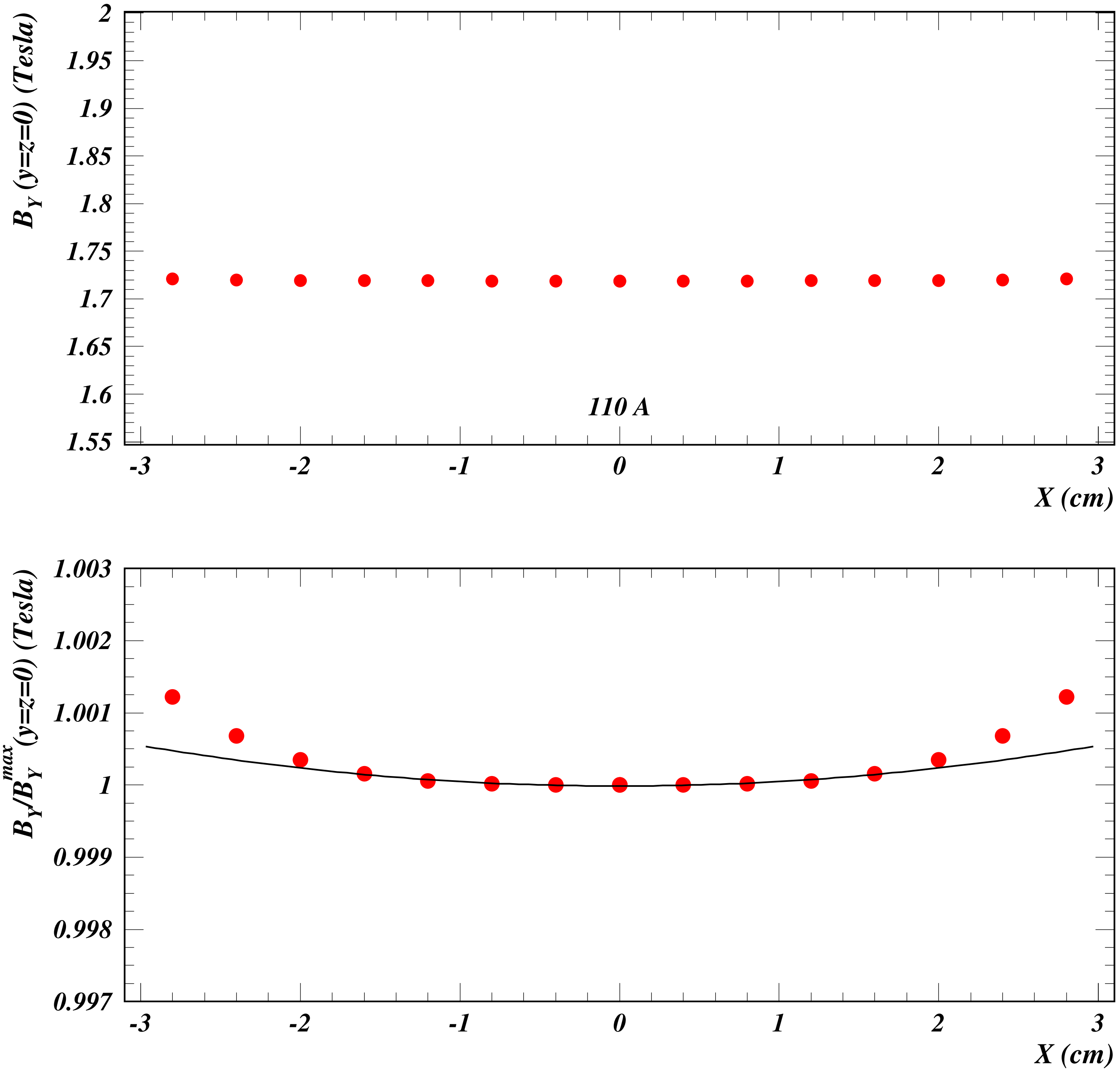
Central Pole





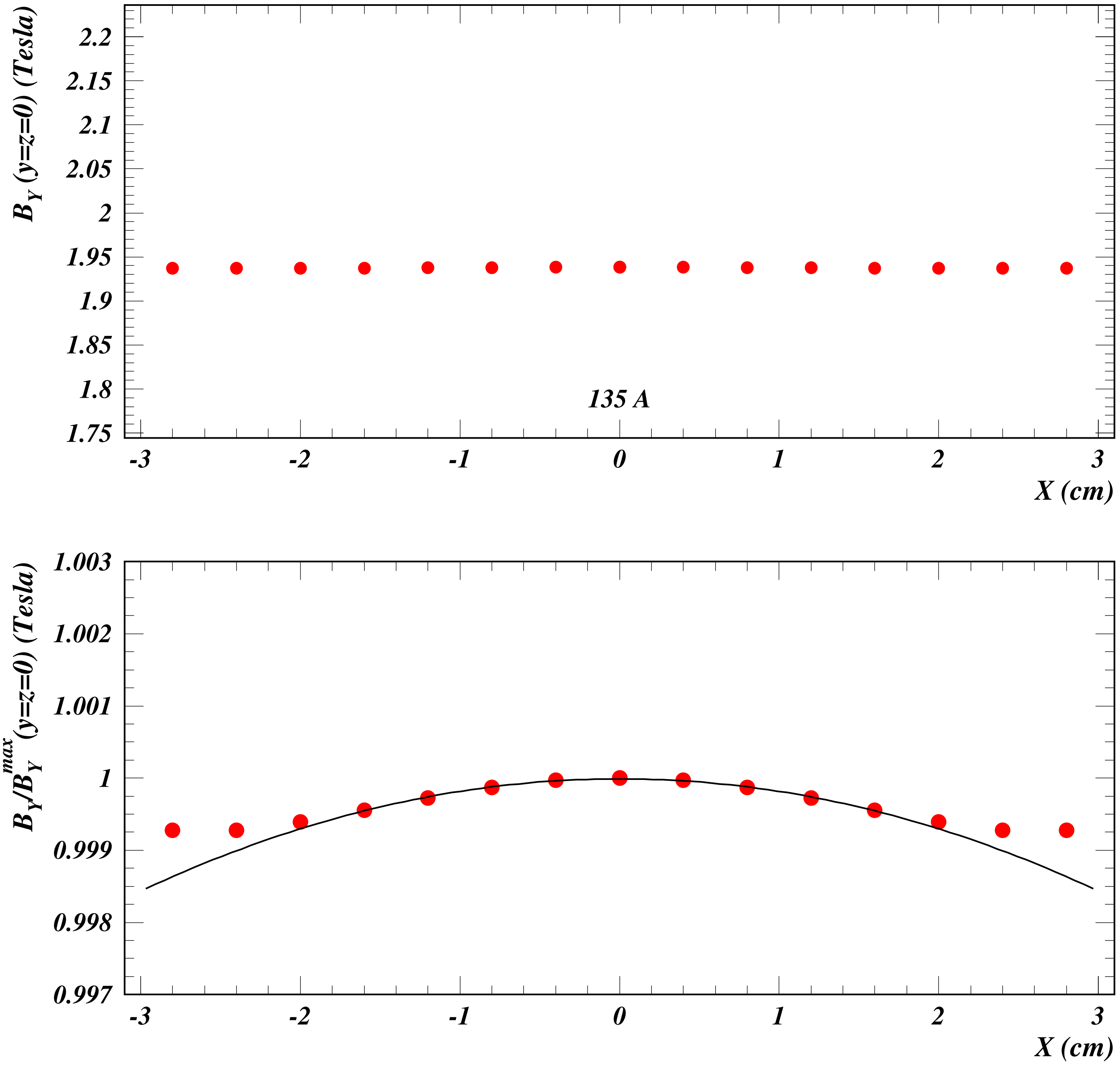
02/04/29 17.21

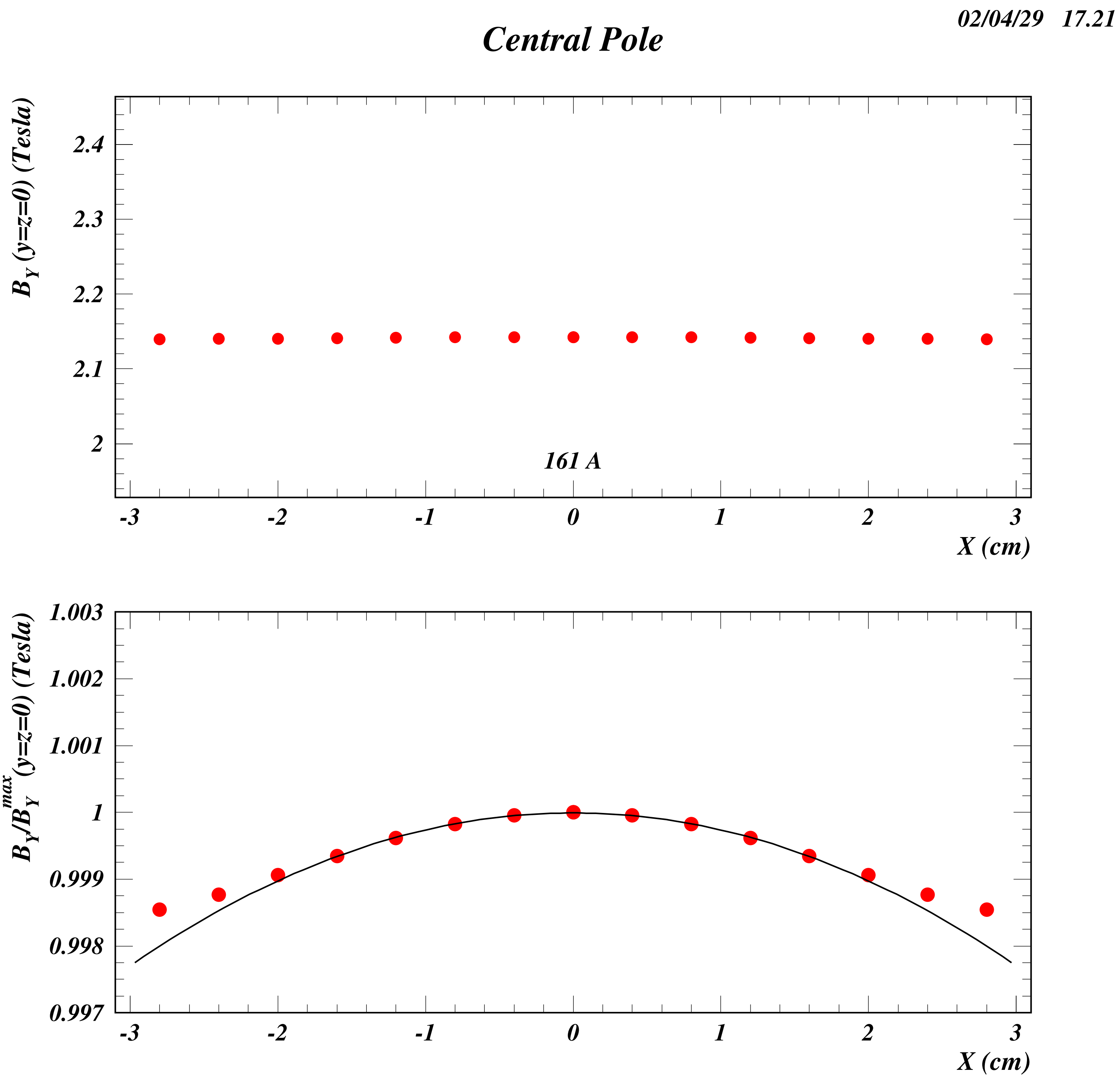
Central Pole

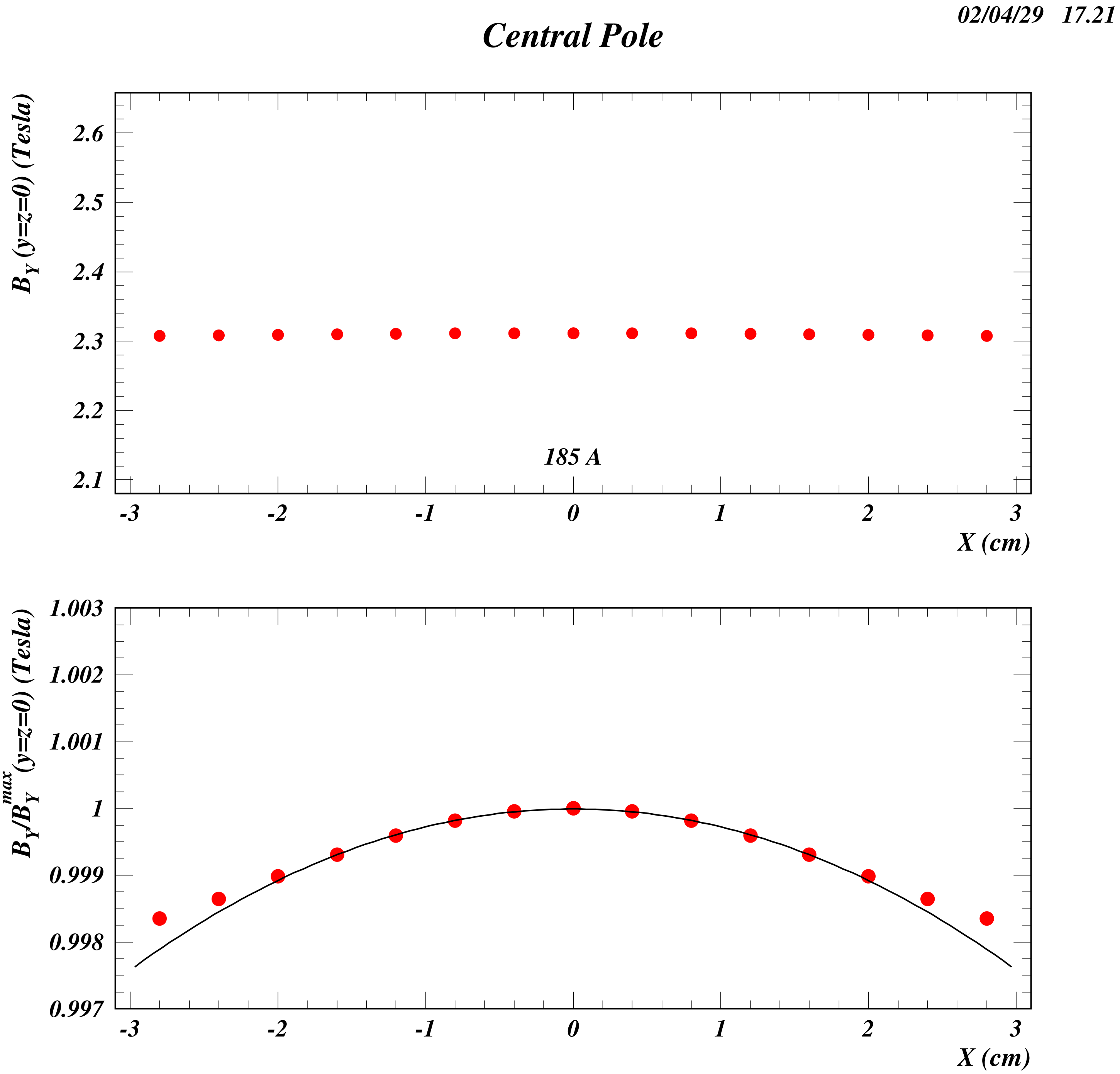


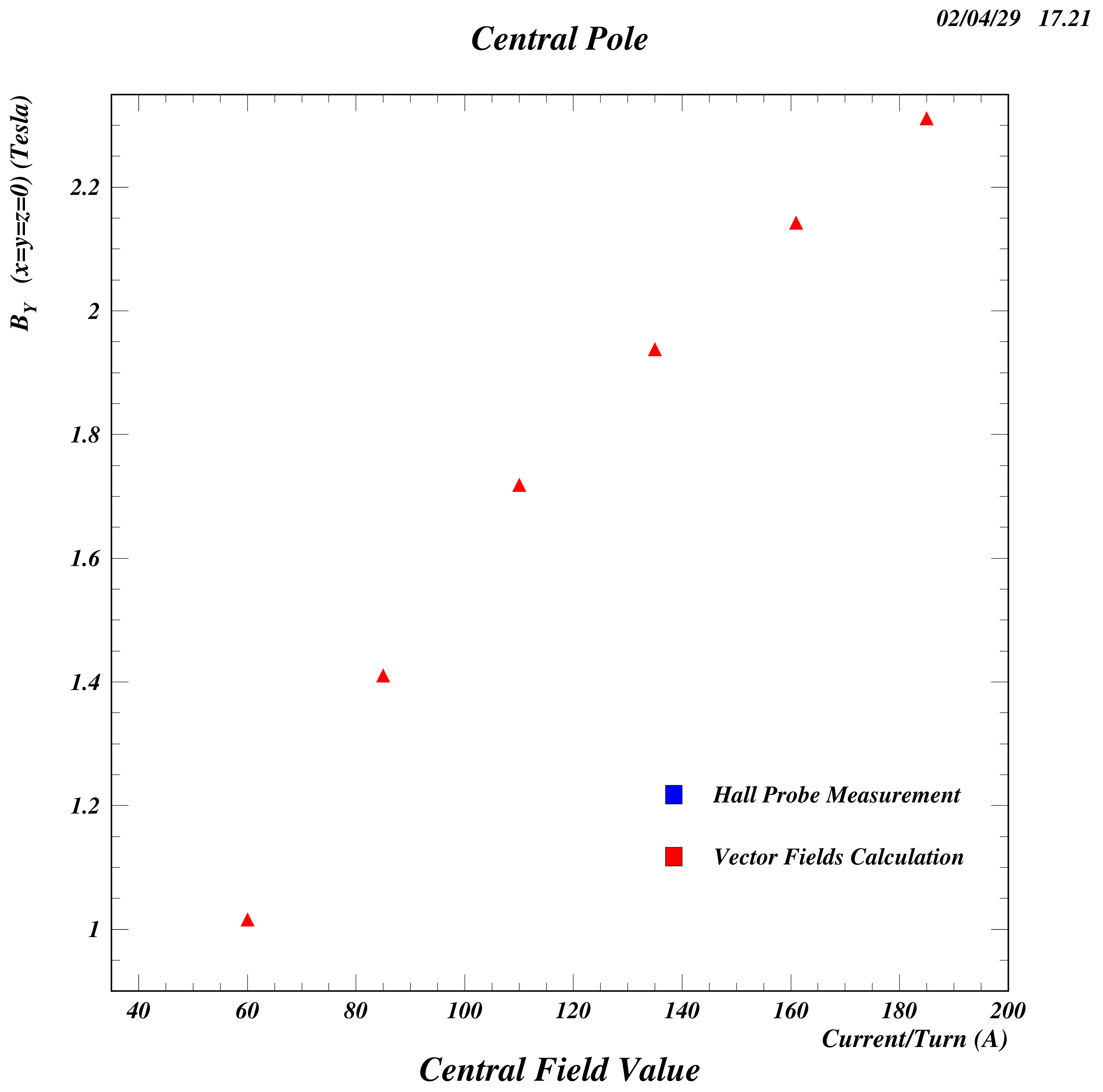
02/04/29 17.21

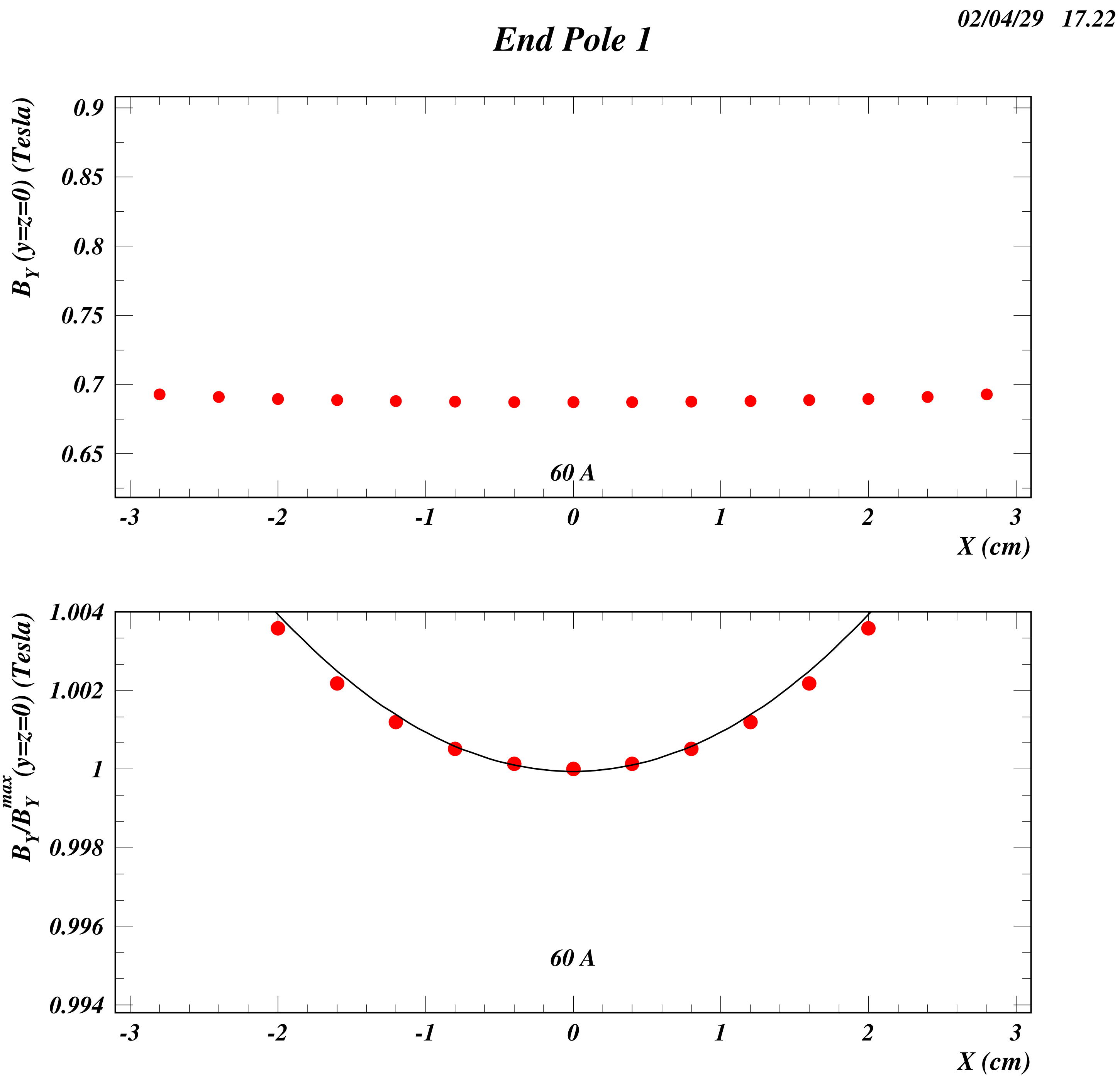
Central Pole

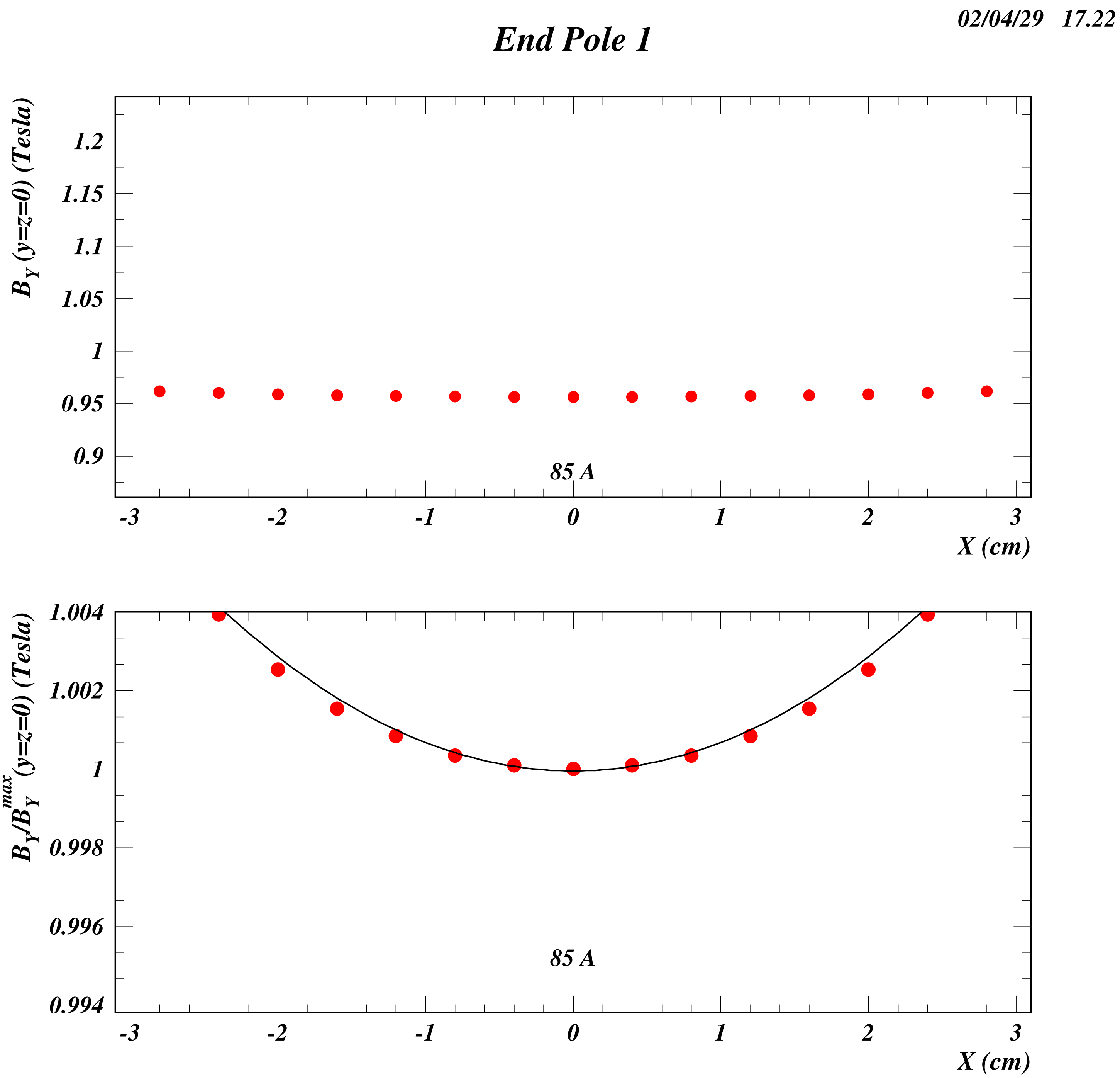



02/04/29 17.21
Central Pole
B_Y (y=z=0) (Tesla)
2.4
2.3
2.2
2.1
2
161 A
-3
-2
-1
0
1
2
3
X (cm)
B_Y/B_Y^{max}(y=z=0) (Tesla)
1.003
1.002
1.001
1
0.999
0.998
0.997
-3
-2
-1
0
1
2
3
X (cm)


02/04/29 17.21
Central Pole
B_Y (y=z=0) (Tesla)
2.6
2.5
2.4
2.3
2.2
2.1
185 A
-3
-2
-1
0
1
2
3
X (cm)
B_Y/B_Y^{max}(y=z=0) (Tesla)
1.003
1.002
1.001
1
0.999
0.998
0.997
-3
-2
-1
0
1
2
3
X (cm)

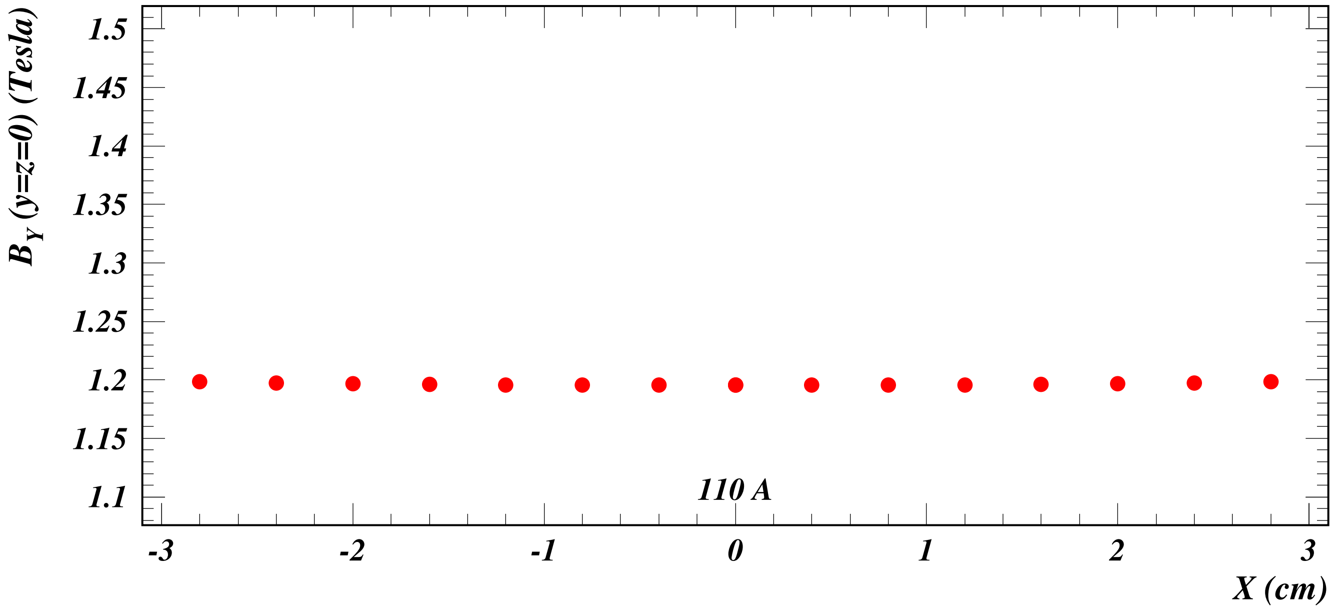

02/04/29 17.21
Central Pole
B_Y (x=y=z=0) (Tesla)
2.2
2
1.8
1.6
1.4
1.2
1
40
60
80
100
120
140
160
180
200
Current/Turn (A)
Hall Probe Measurement
Vector Fields Calculation
Central Field Value

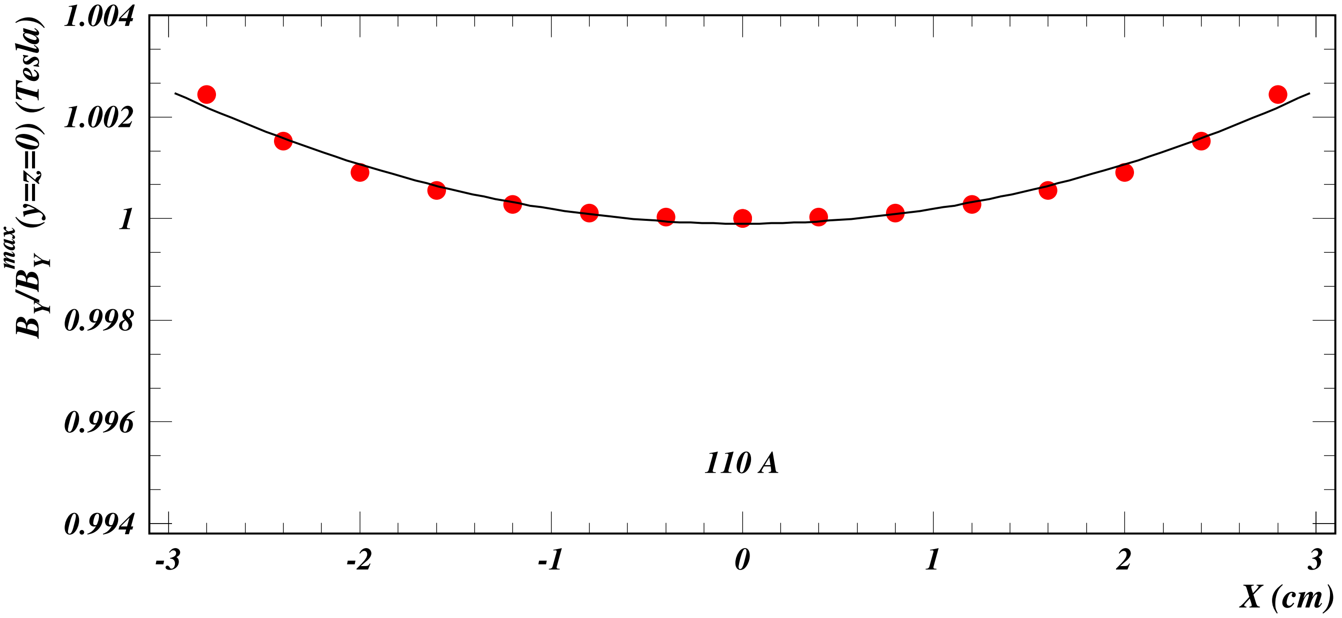

02/04/29 17.22
End Pole 1
B_Y (y=z=0) (Tesla)
0.9
0.85
0.8
0.75
0.7
0.65
60 A
-3
-2
-1
0
1
2
3
X (cm)
B_Y/B_Y^{max}(y=z=0) (Tesla)
1.004
1.002
1
0.998
0.996
0.994
60 A
-3
-2
-1
0
1
2
3
X (cm)

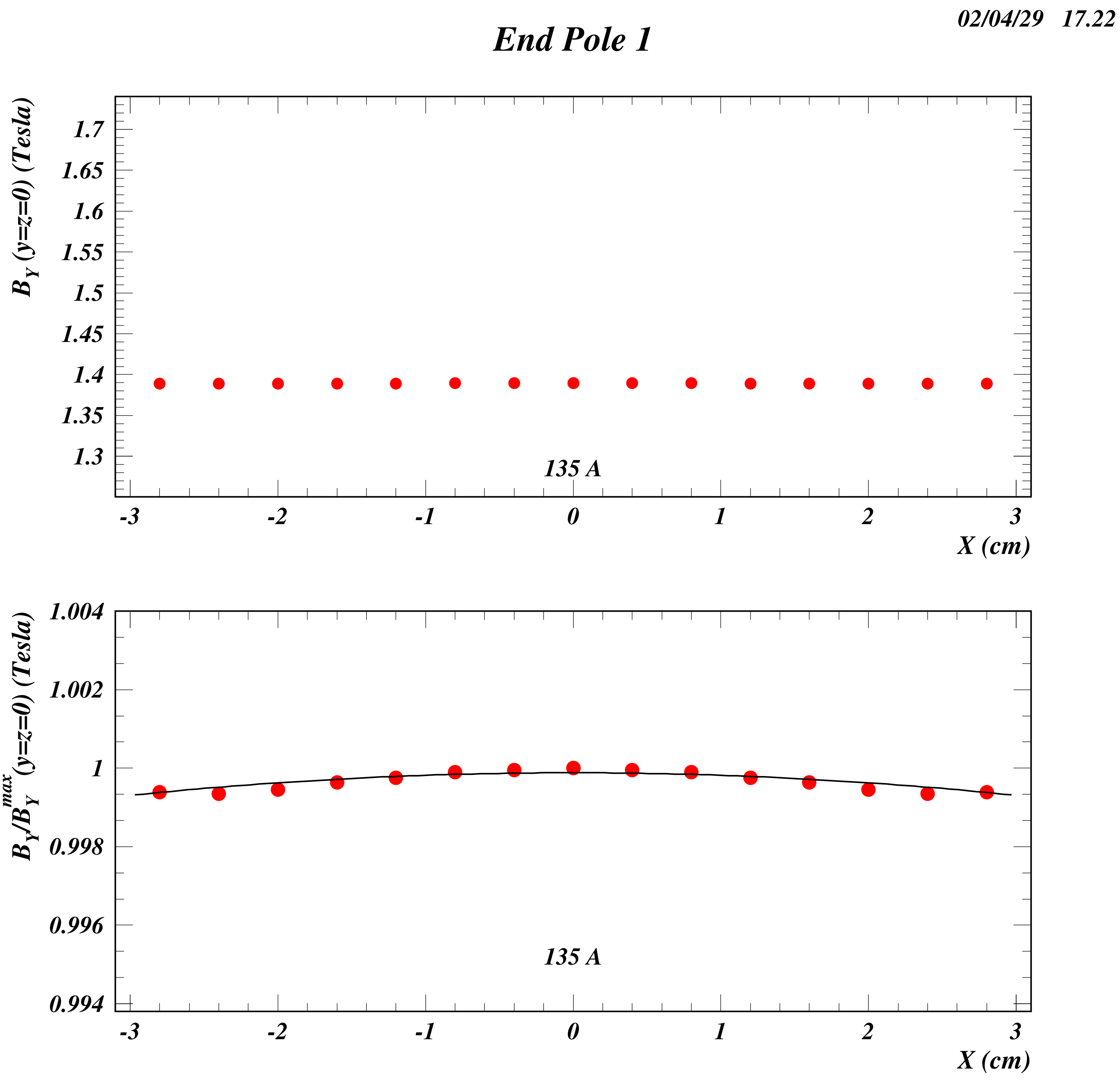

02/04/29 17.22
End Pole 1
B_Y (y=z=0) (Tesla)
1.2
1.15
1.1
1.05
1
0.95
0.9
85 A
-3
-2
-1
0
1
2
3
X (cm)
B_Y/B_Y^{max} (y=z=0) (Tesla)
1.004
1.002
1
0.998
0.996
0.994
85 A
-3
-2
-1
0
1
2
3
X (cm)

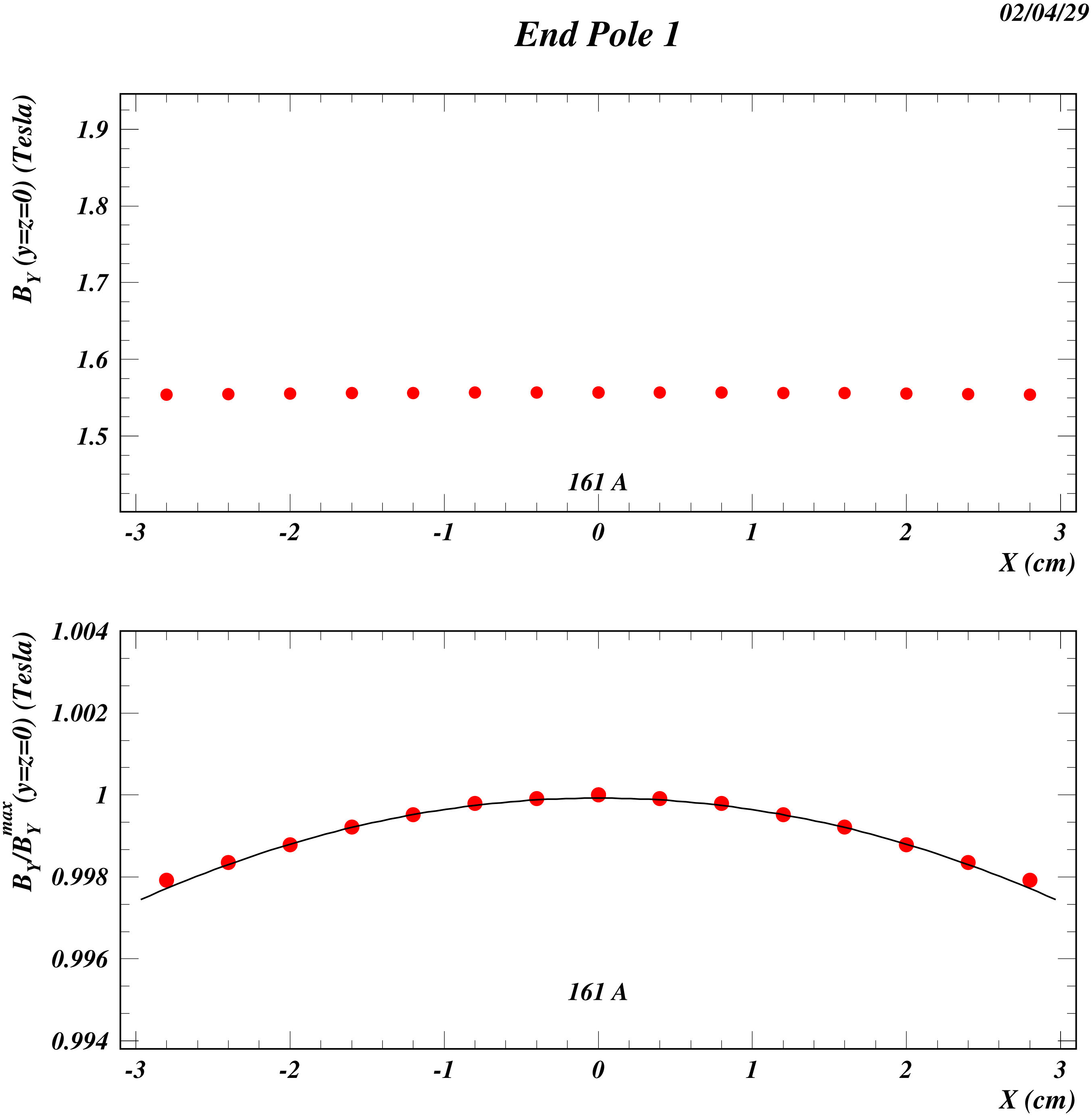
02/04/29 17.22

End Pole 1



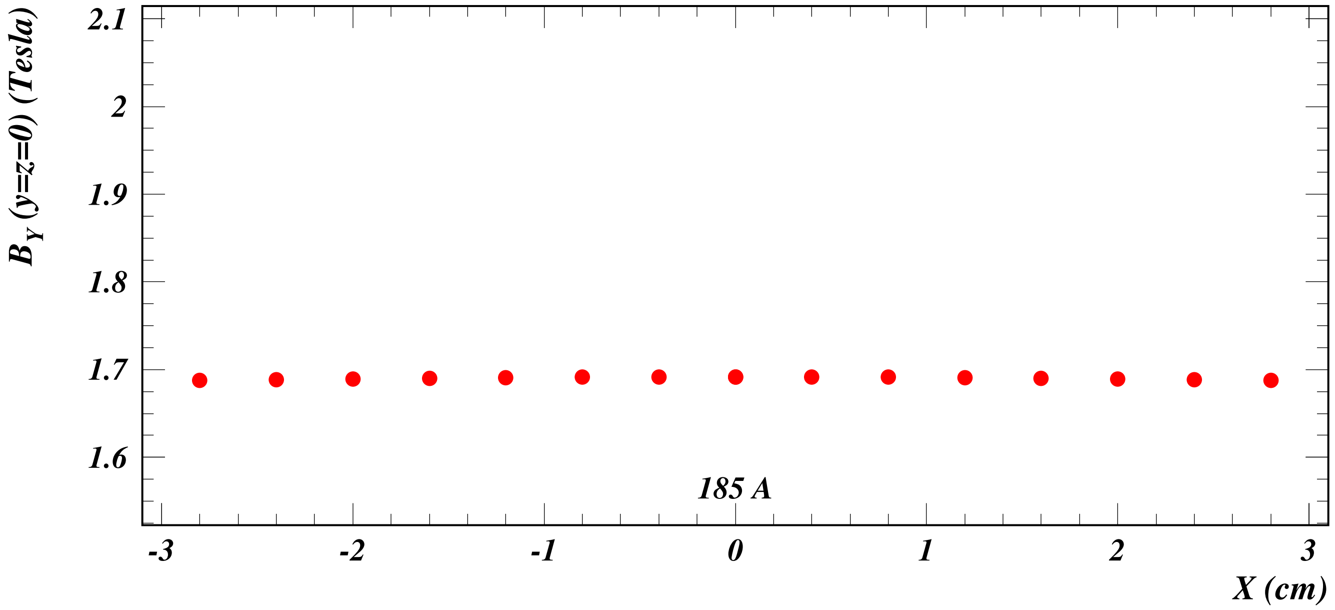


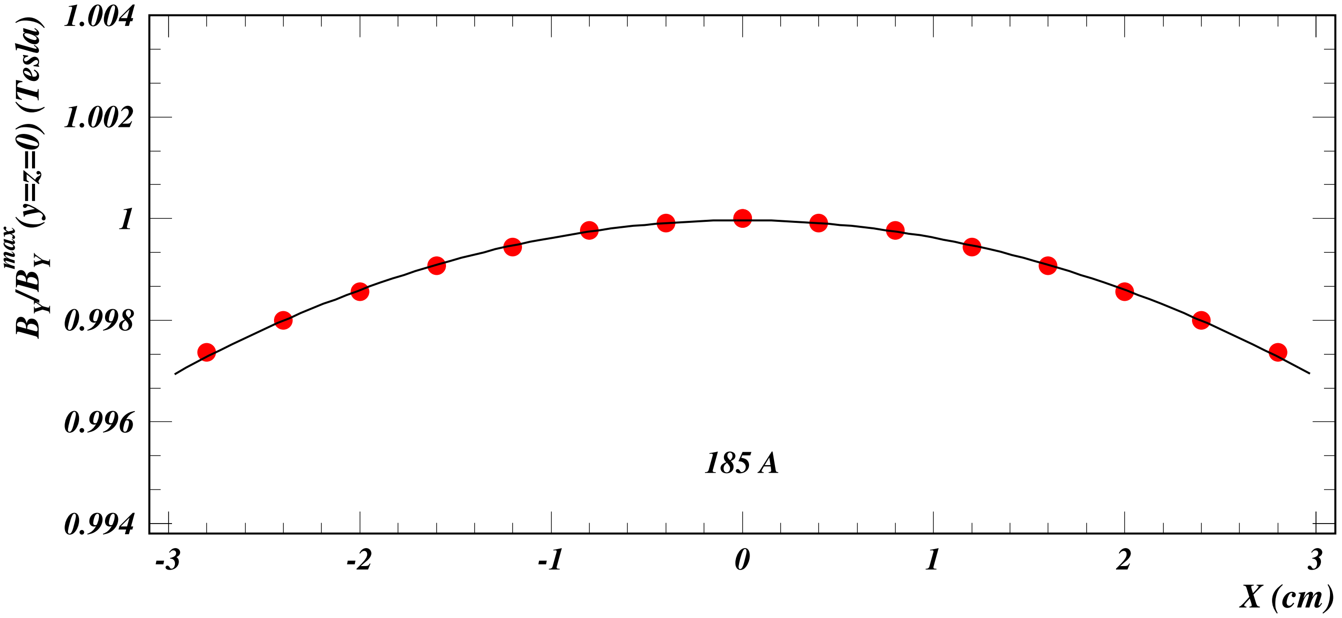

02/04/29 17.22
End Pole 1
B_Y (y=z=0) (Tesla)
135 A
X (cm)
B_Y/B_Y^max (y=z=0) (Tesla)
135 A
X (cm)

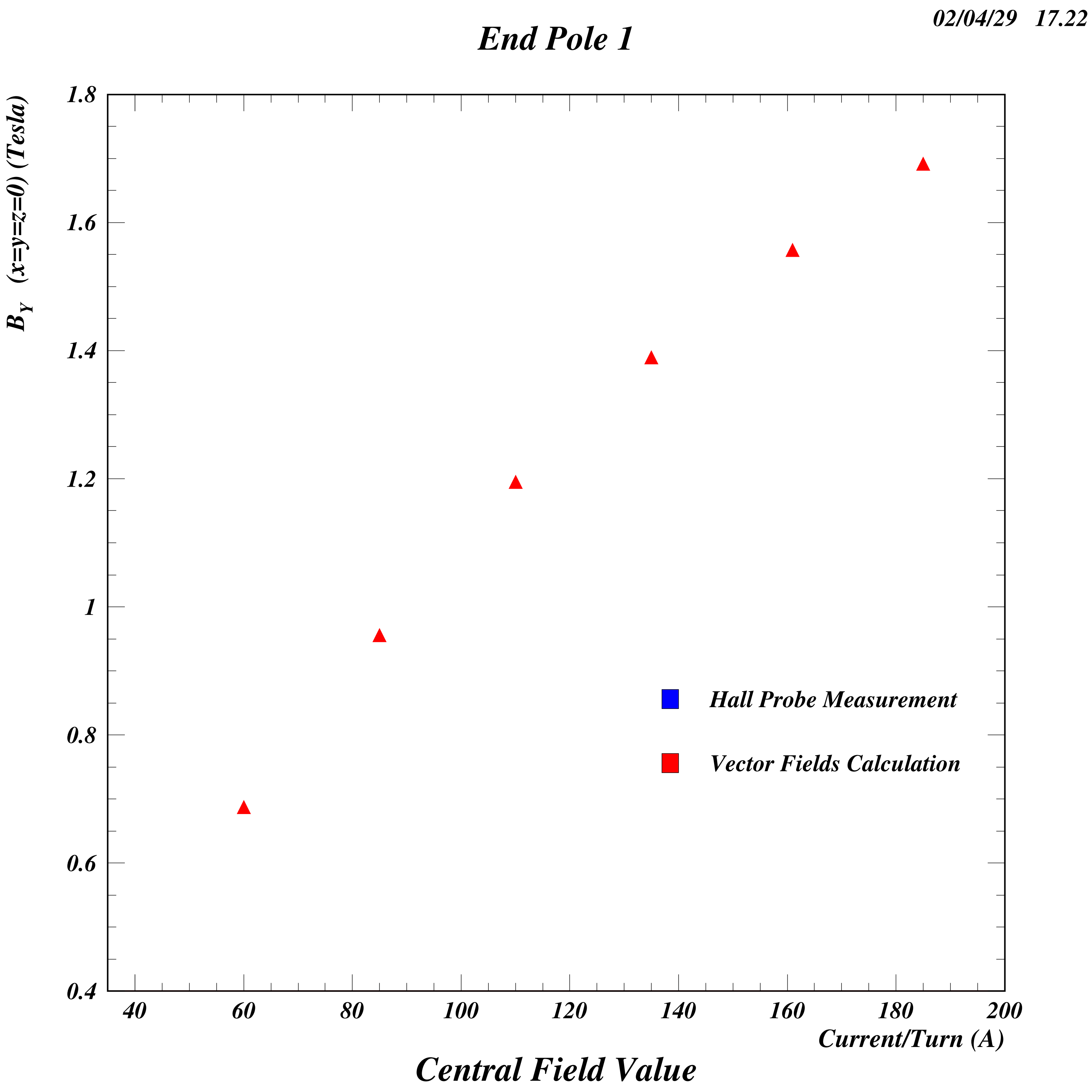

End Pole 1
B_Y (y=z=0) (Tesla)
1.9
1.8
1.7
1.6
1.5
161 A
-3
-2
-1
0
1
2
3
X (cm)
B_Y/B_Y^{max}(y=z=0) (Tesla)
1.004
1.002
1
0.998
0.996
0.994
161 A
-3
-2
-1
0
1
2
3
X (cm)

End Pole 1

02/04/29 17.22






02/04/29 17.22
End Pole 1
B_Y (x=y=z=0) (Tesla)
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
40
60
80
100
120
140
160
180
200
Current/Turn (A)
Central Field Value
Hall Probe Measurement
Vector Fields Calculation