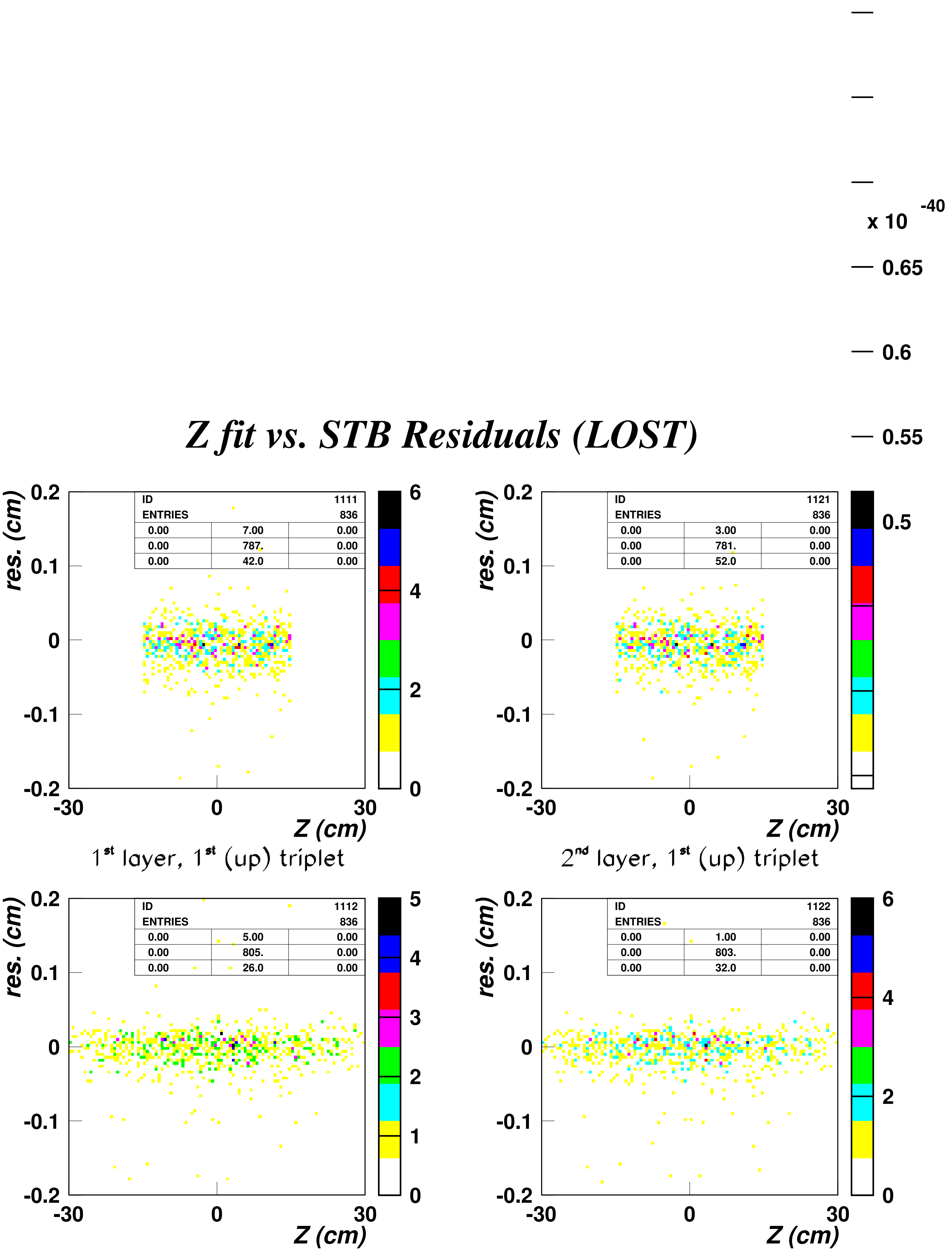
Z fit vs. STB Residuals (LOST)

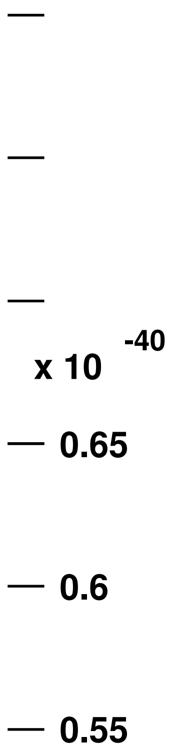


1st layer, 1st (up) triplet

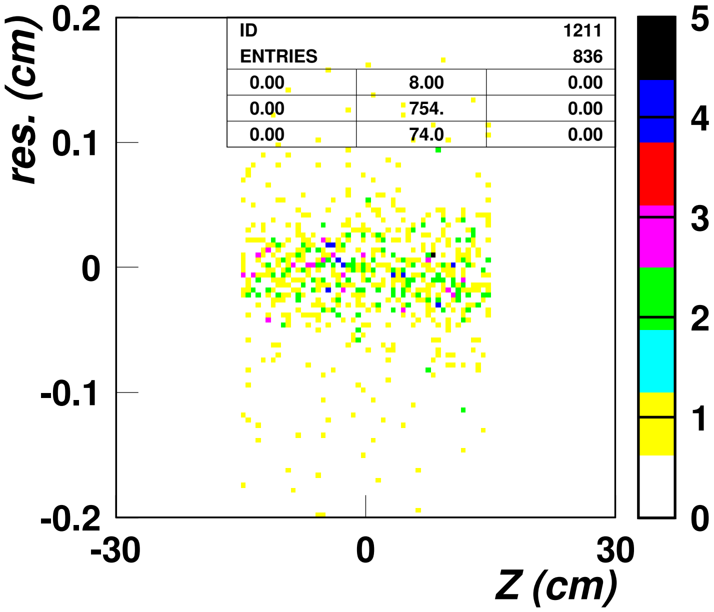
2nd layer, 1st (up) triplet

1st layer, 2nd (down) triplet

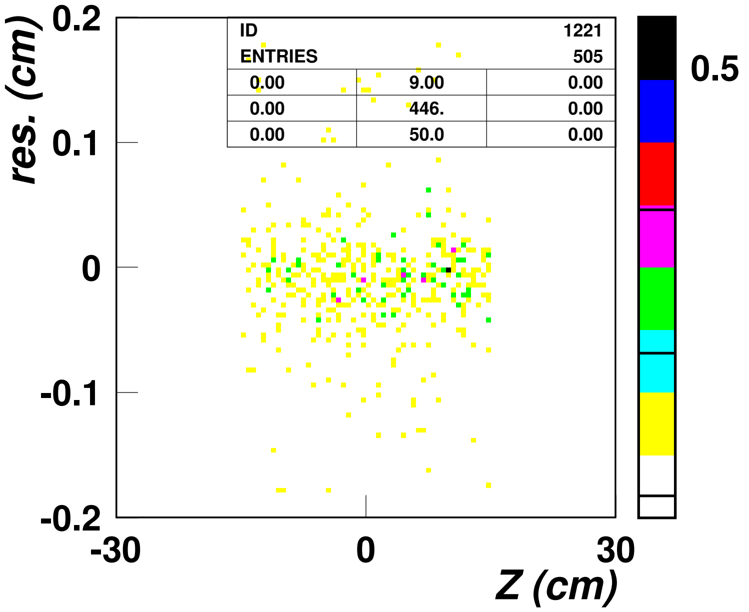
2nd layer, 2nd (down) triplet



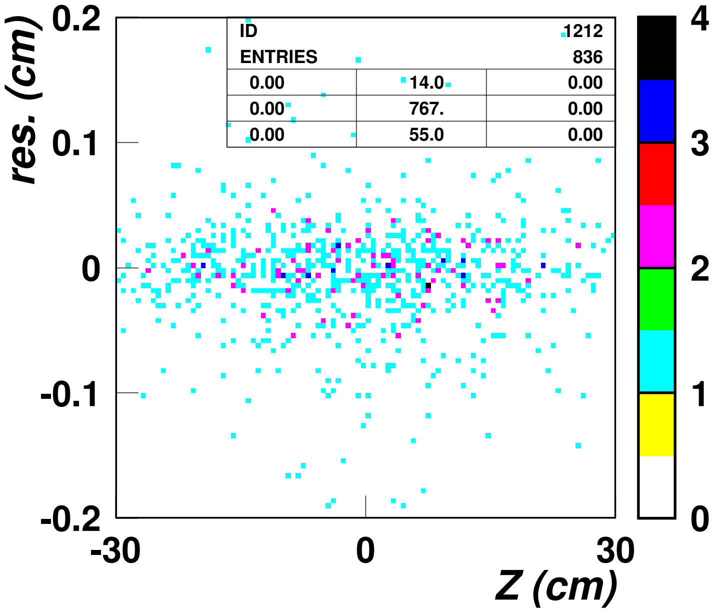
Z fit vs. STB Residuals (RIST)



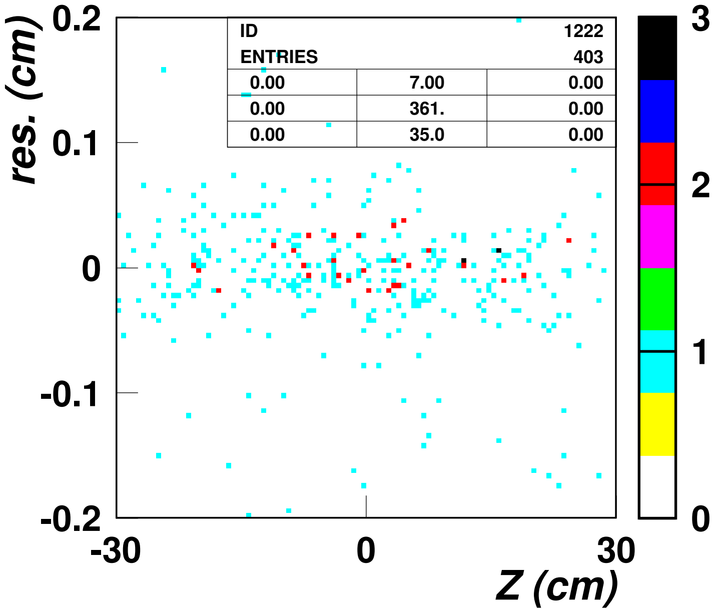
1st layer, 1st (up) triplet



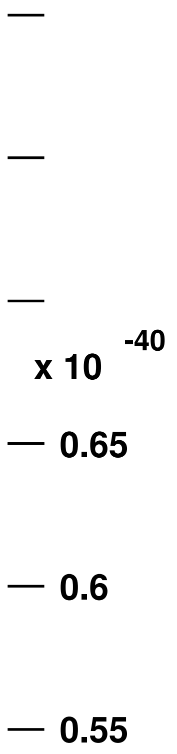
2nd layer, 1st (up) triplet



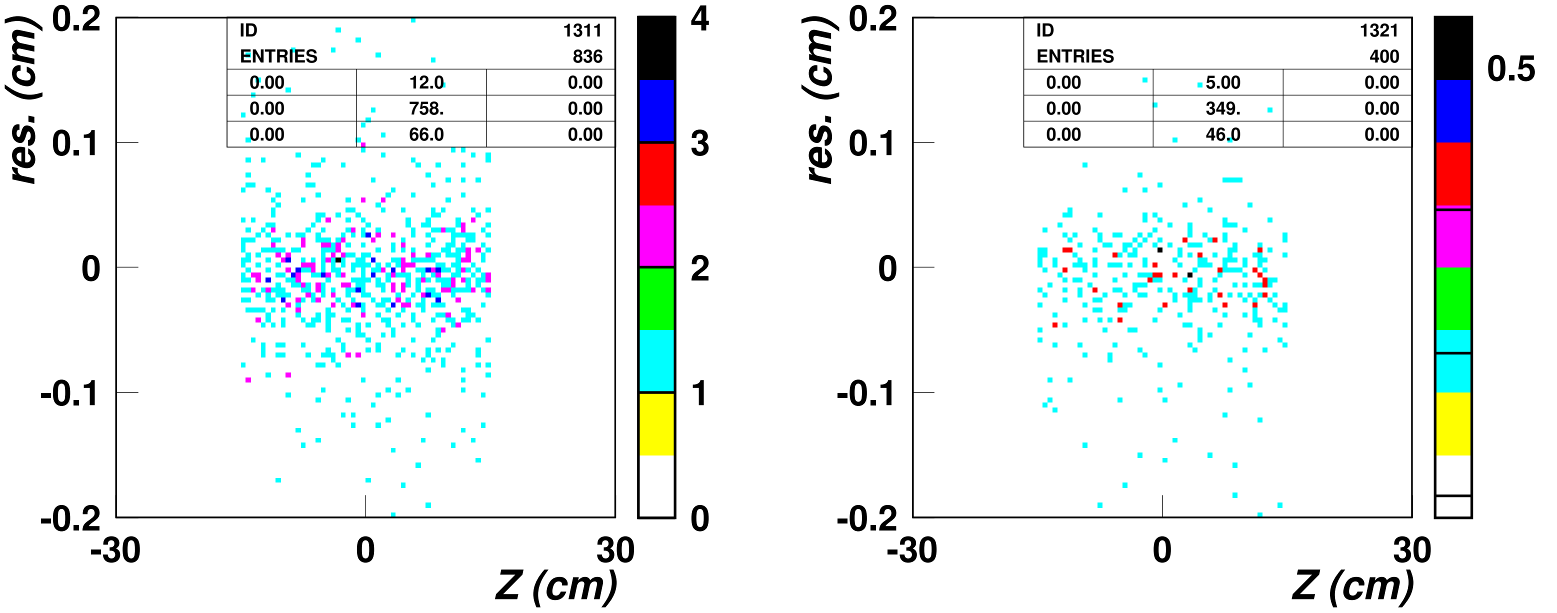
1st layer, 2nd (down) triplet



2nd layer, 2nd (down) triplet

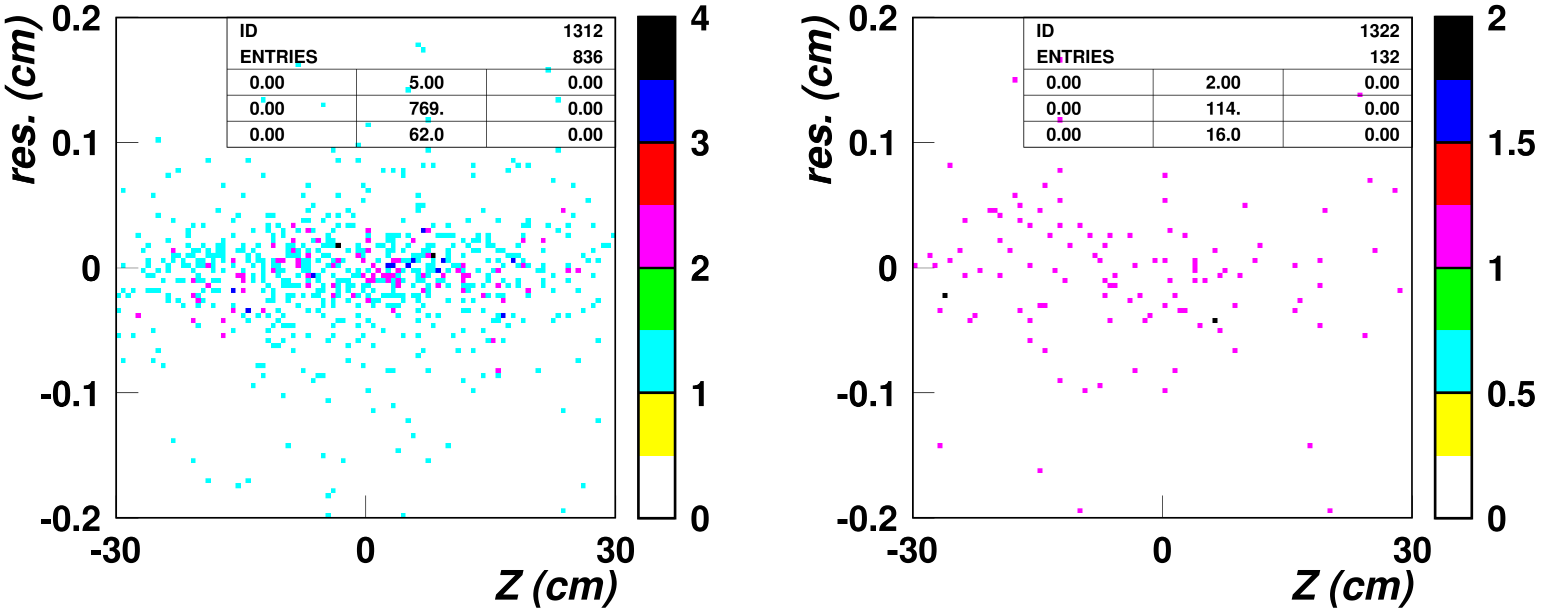


Z fit vs. STB Residuals (LEST)



1st layer, 1st (up) triplet

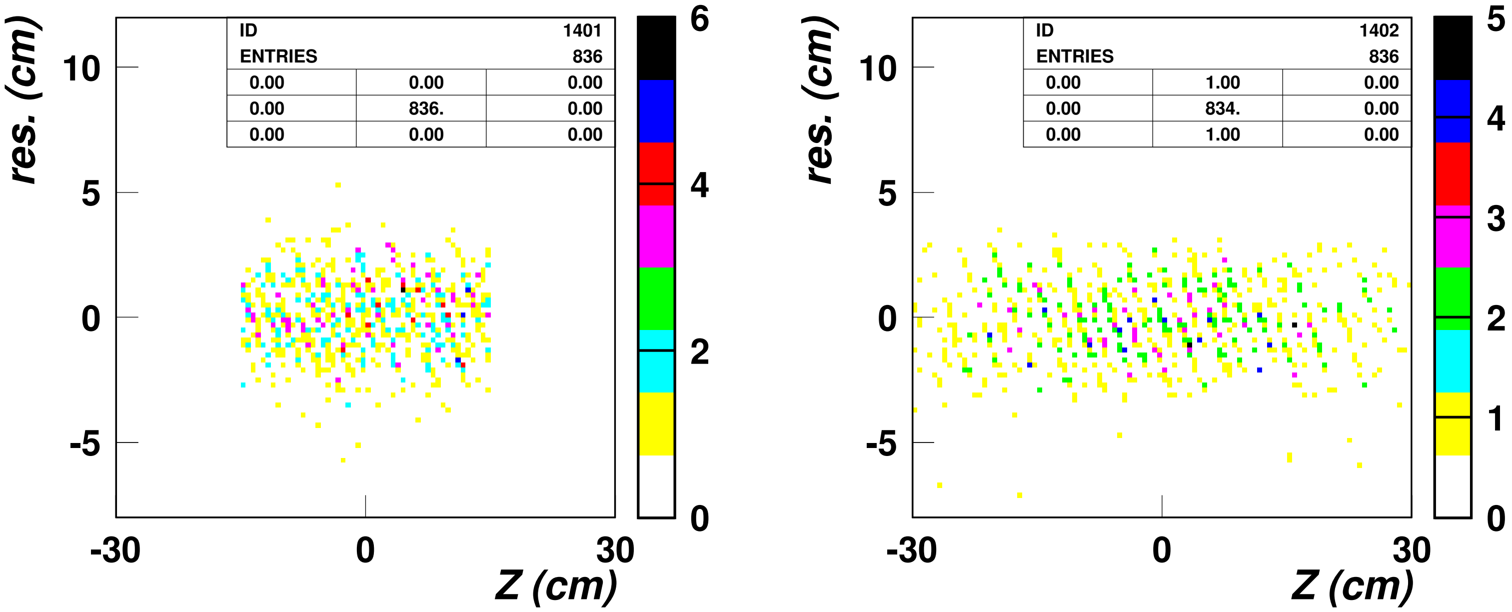
2nd layer, 1st (up) triplet



1st layer, 2nd (down) triplet

2nd layer, 2nd (down) triplet

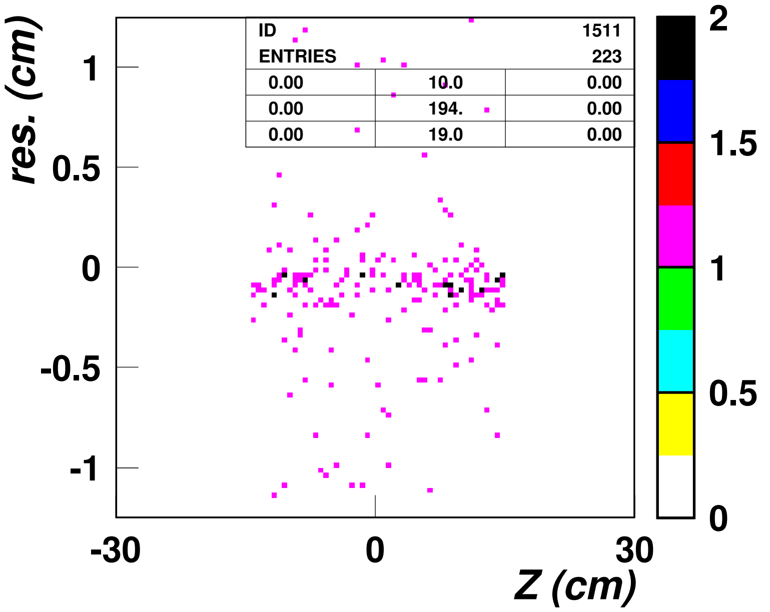
Z fit vs. STB Z Residuals



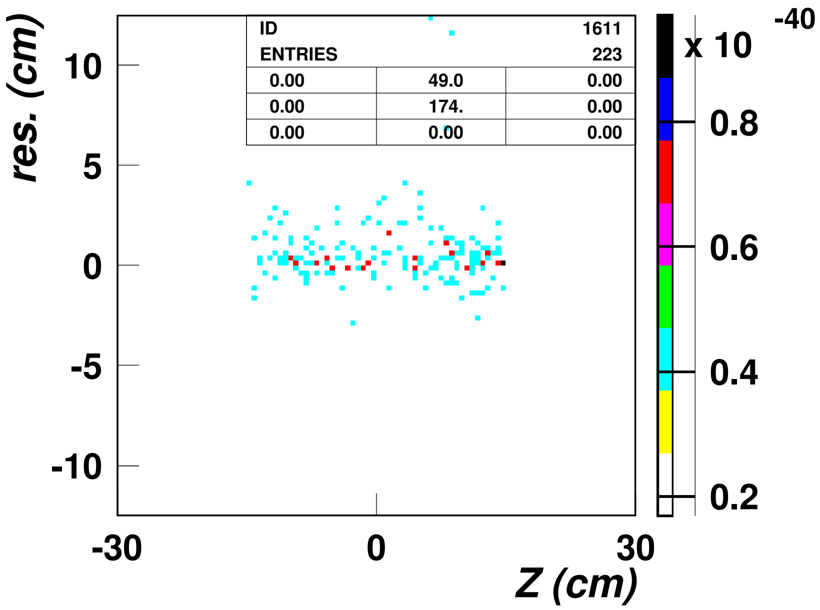
1st (up) triplet

2nd (down) triplet

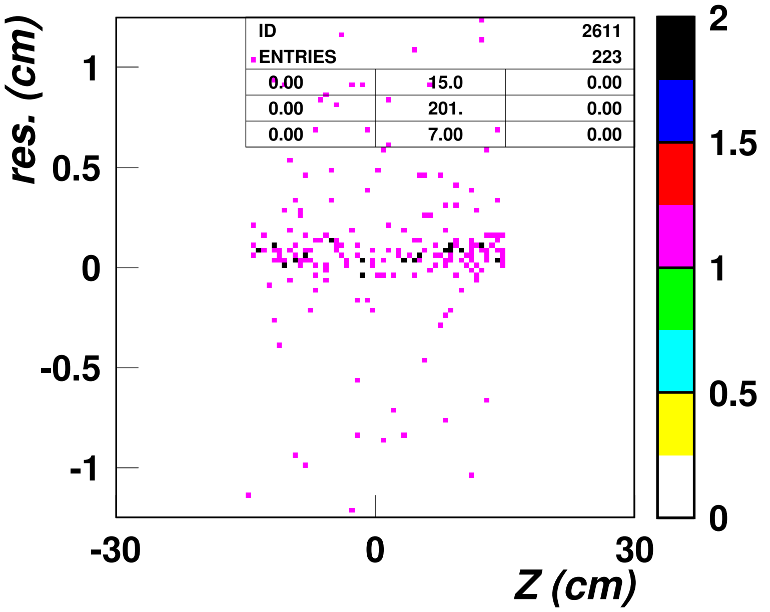
Z fit (STB) vs. DCs Residuals



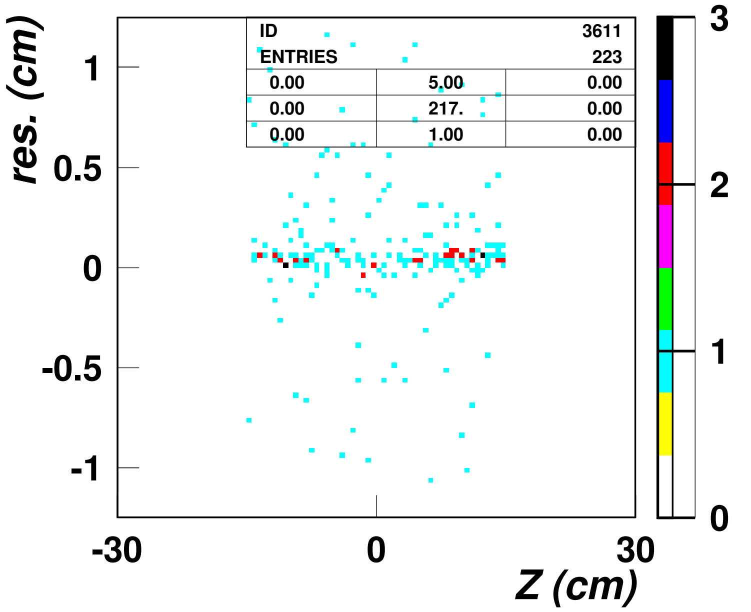
1^{st} (up) DCi – ϕ side



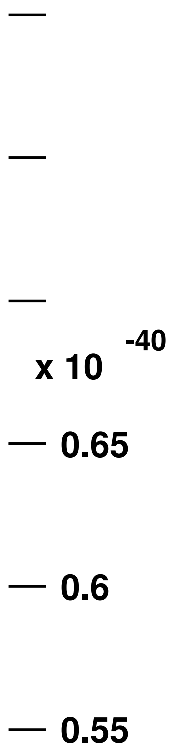
1^{st} (up) DCi – Z side



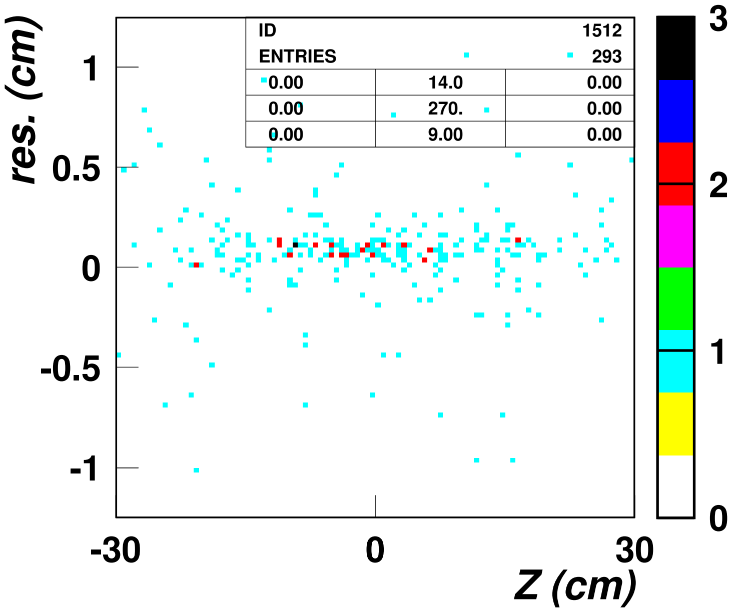
1^{st} (up) DCi – X side



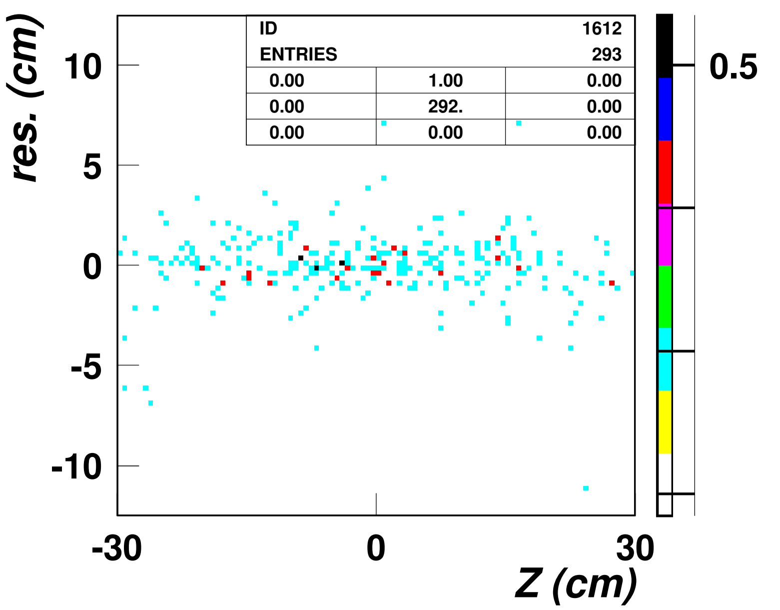
1^{st} (up) DCi – Y side



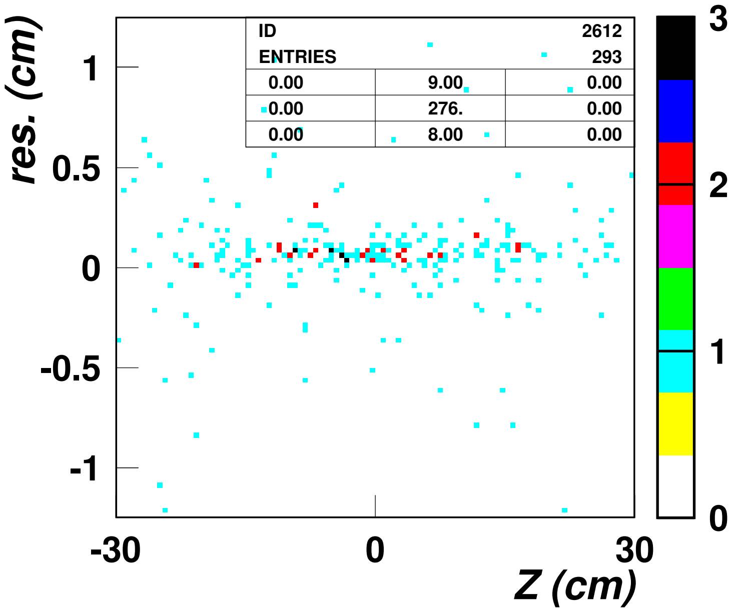
Z fit (STB) vs. DCs Residuals



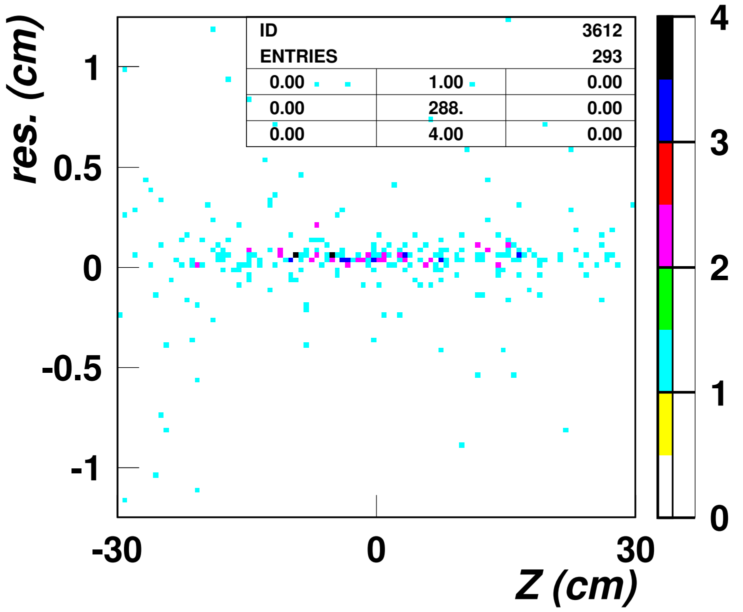
2^{nd} (down) DCi – Φ side



2^{nd} (down) DCi – Z side

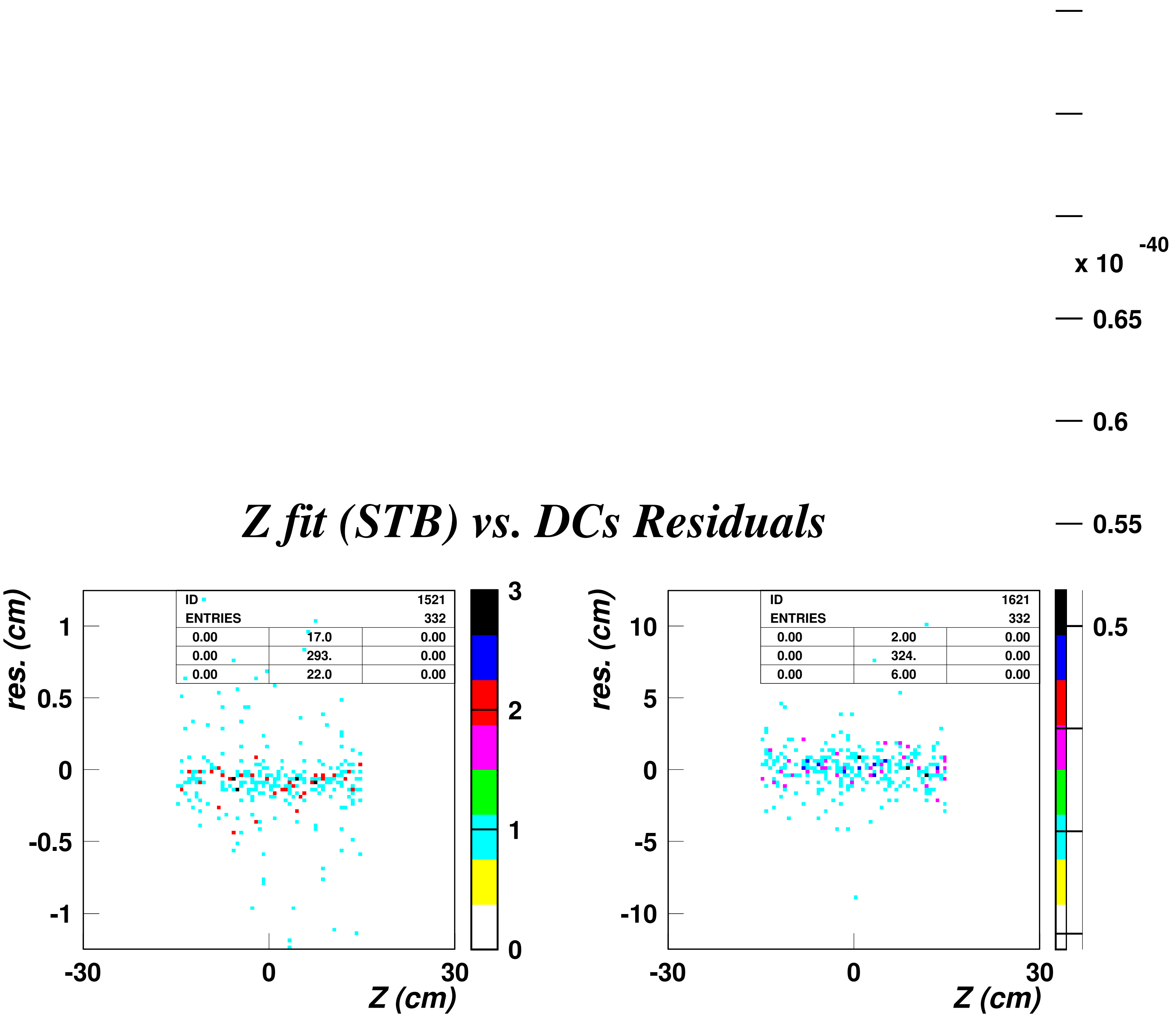


2^{nd} (down) DCi – X side



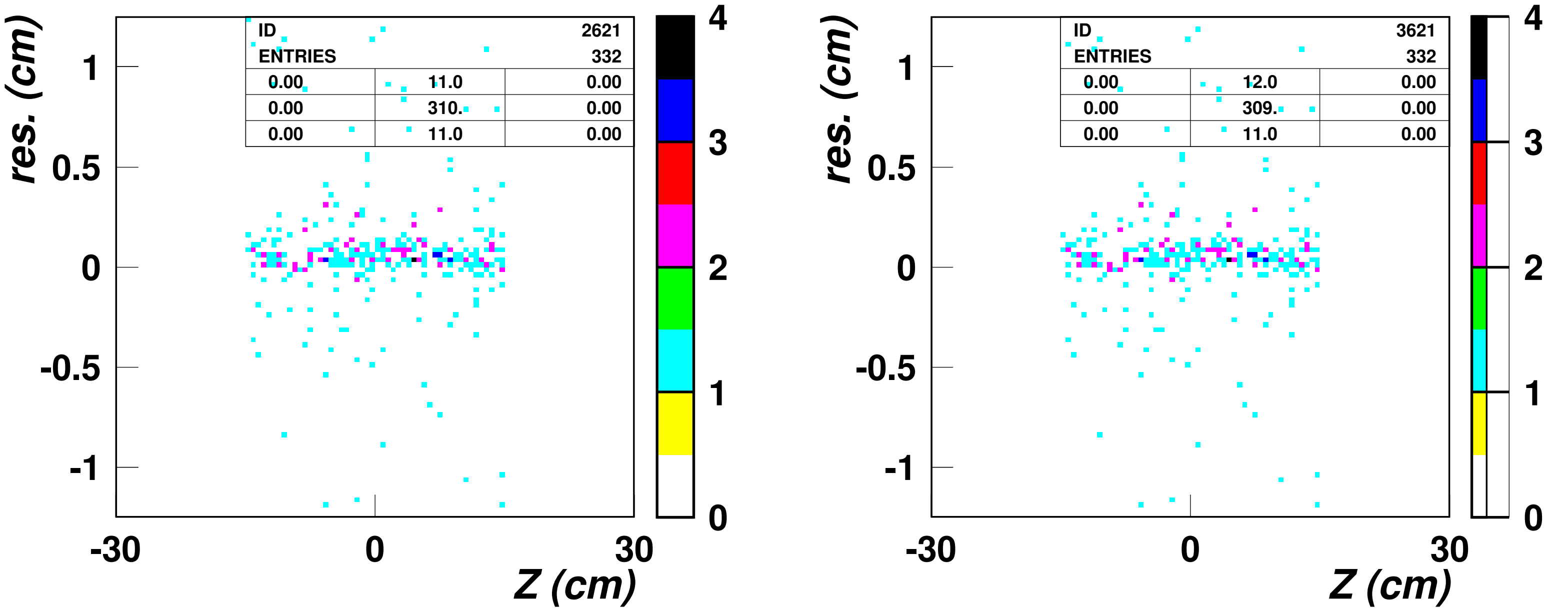
2^{nd} (down) DCi – Y side

Z fit (STB) vs. DCs Residuals



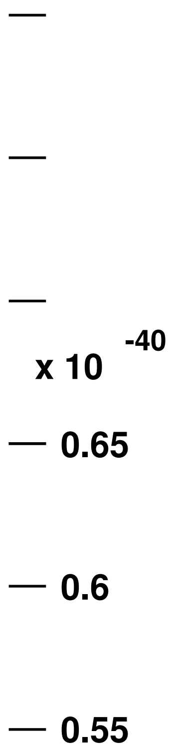
1st (up) DCo – Φ side

1st (up) DCo – Z side

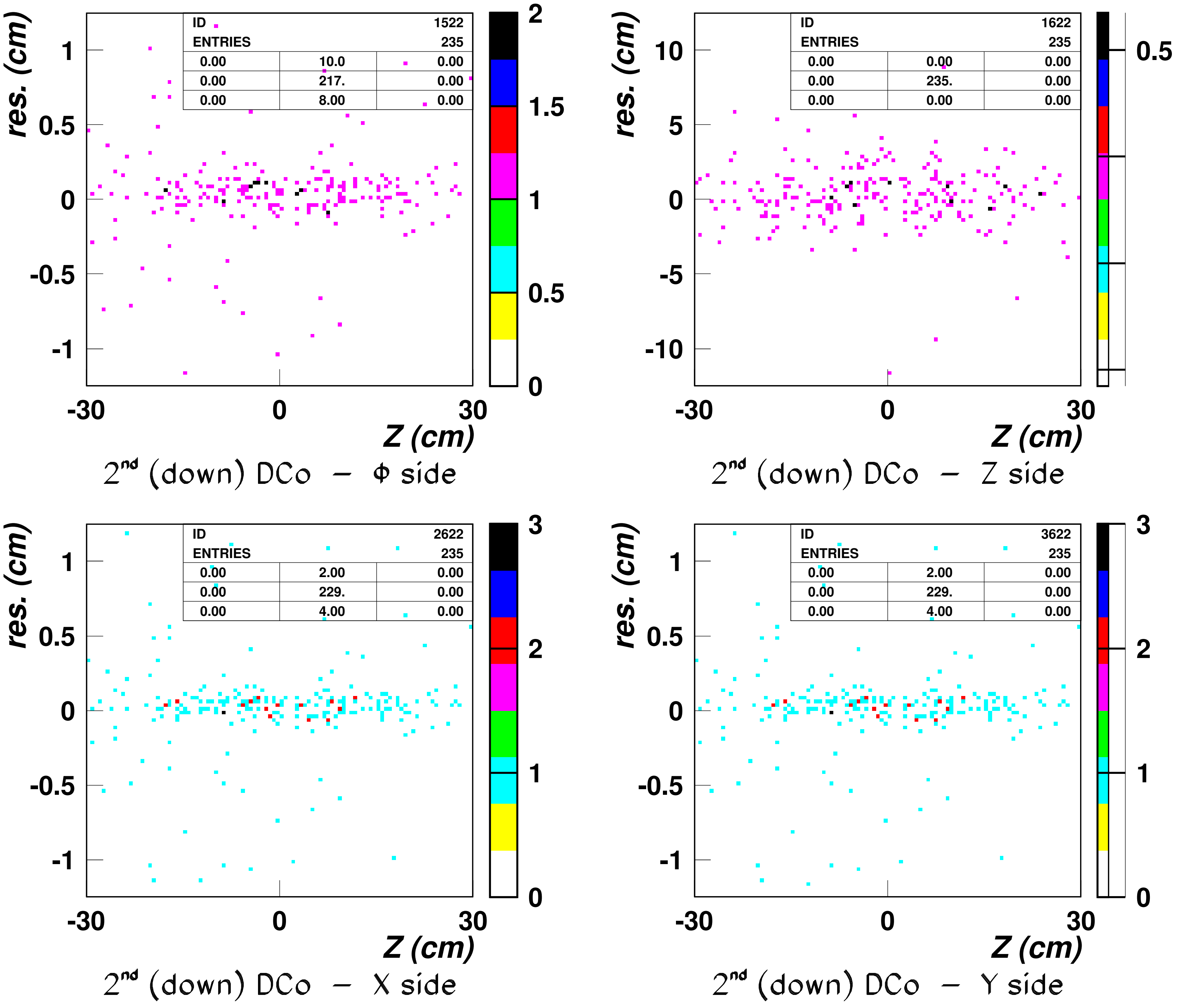


1st (up) DCo – X side

1st (up) DCo – Y side



Z fit (STB) vs. DCs Residuals

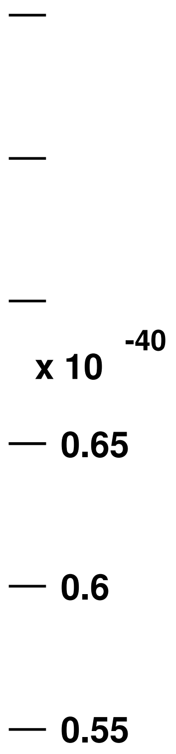


2^{nd} (down) DCo – Φ side

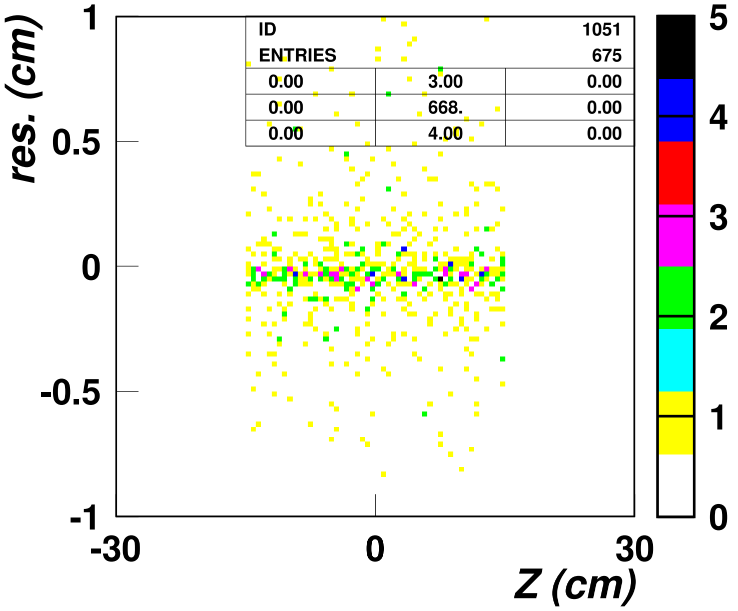
2^{nd} (down) DCo – Z side

2^{nd} (down) DCo – X side

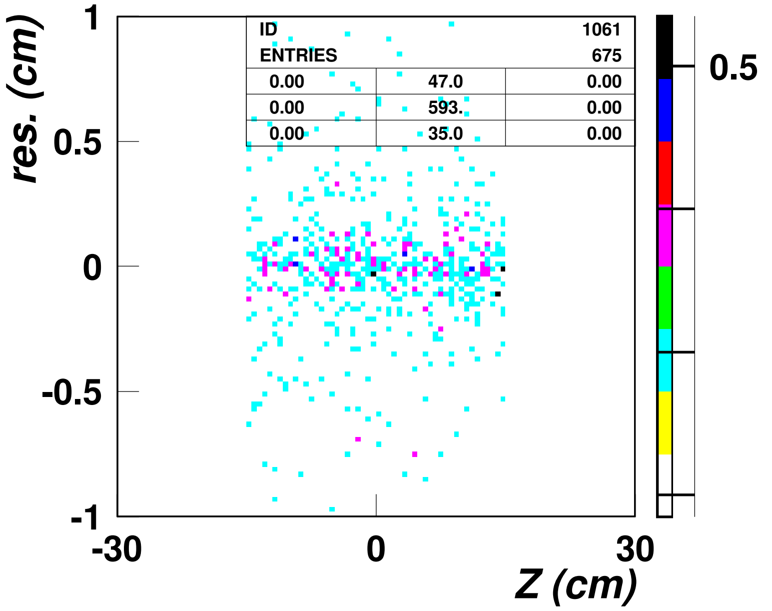
2^{nd} (down) DCo – Y side



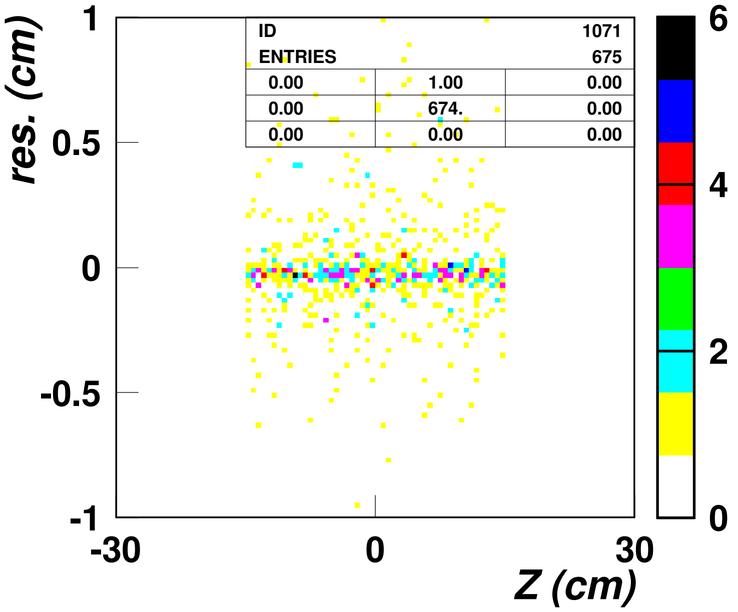
Z fit (STB) vs. OSIM Residuals



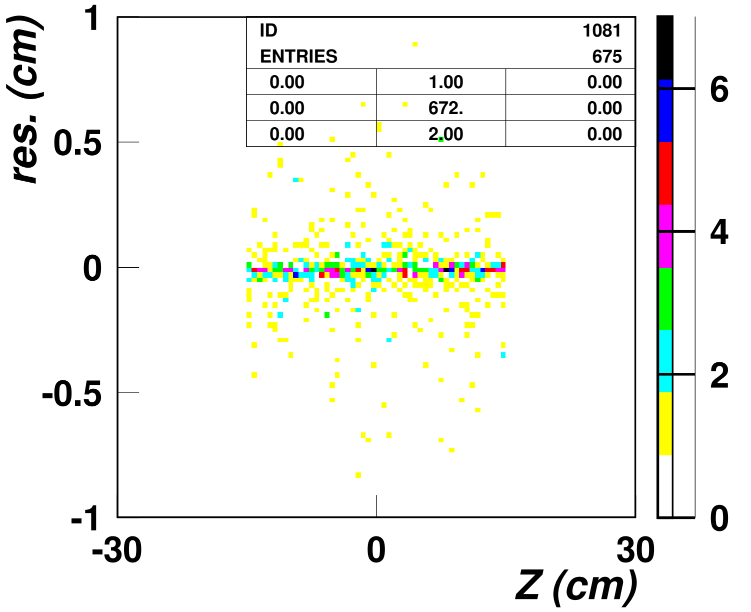
1st (up) OSIM – Φ side



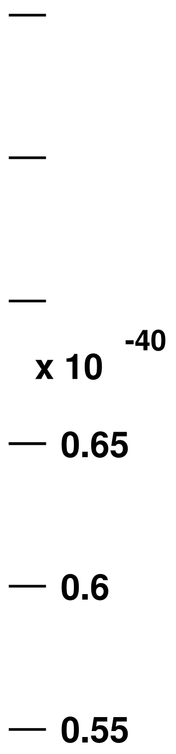
1st (up) OSIM – Z side



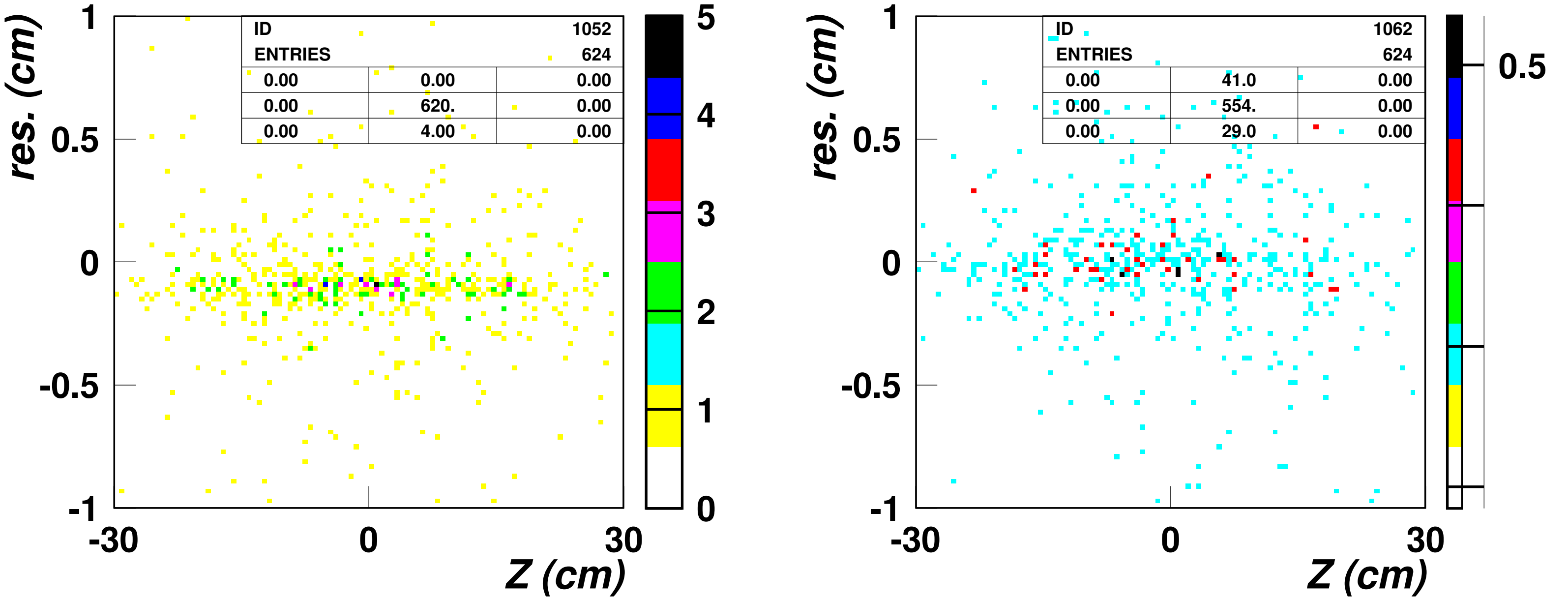
1st (up) OSIM – X side



1st (up) OSIM – Y side

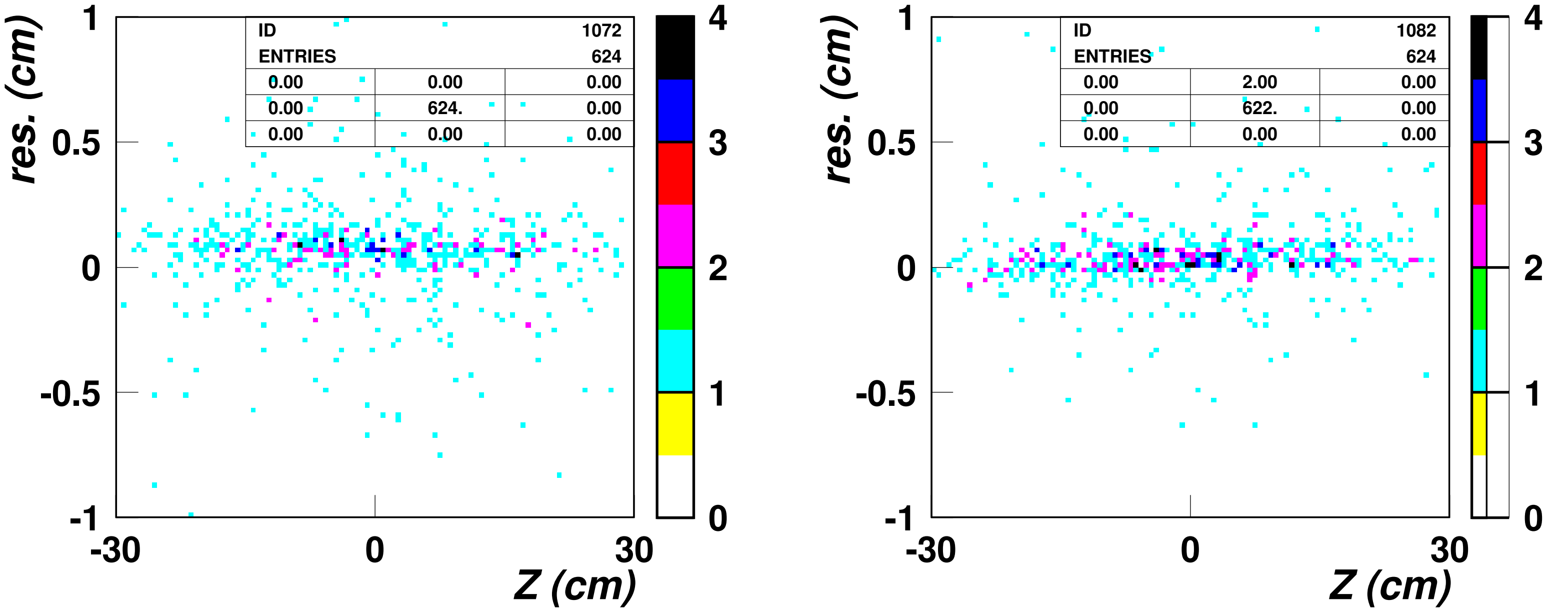


Z fit (STB) vs. OSIM Residuals



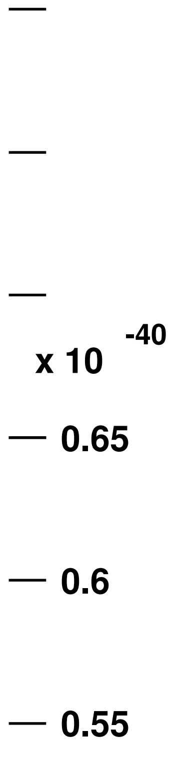
2nd (down) OSIM – Φ side

2nd (down) OSIM – Z side

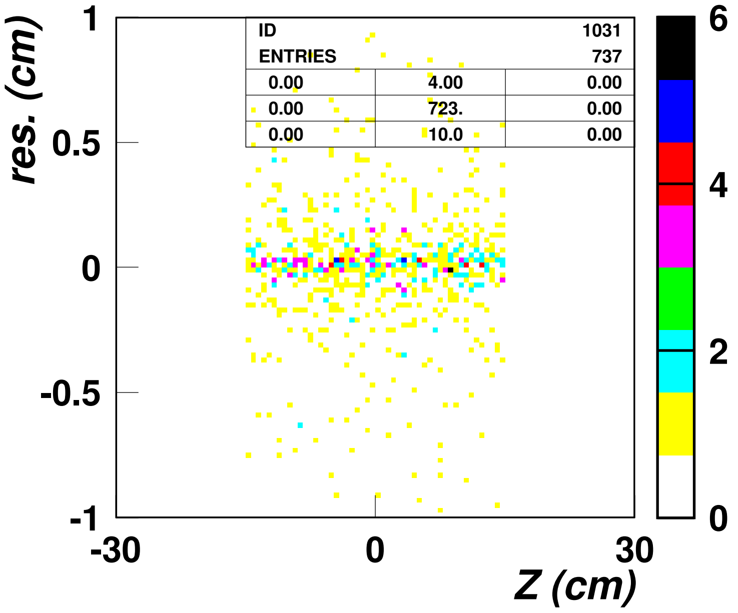


2nd (down) OSIM – X side

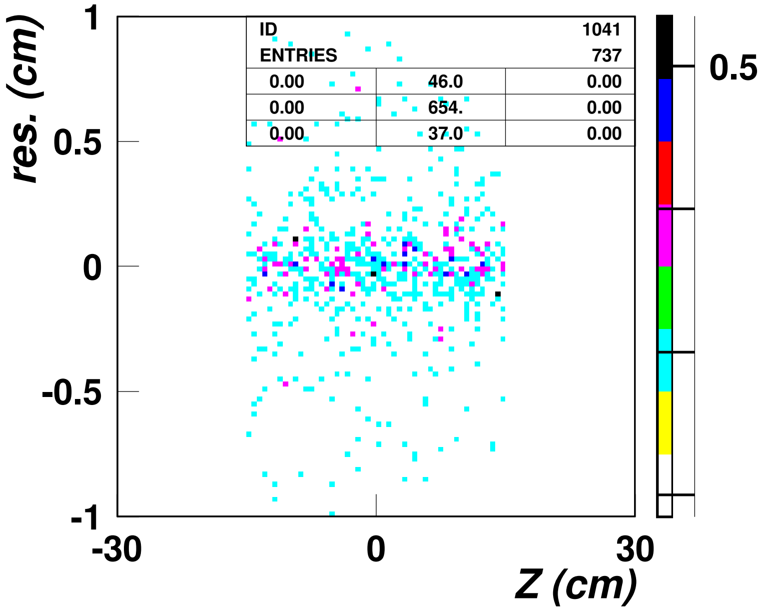
2nd (down) OSIM – Y side



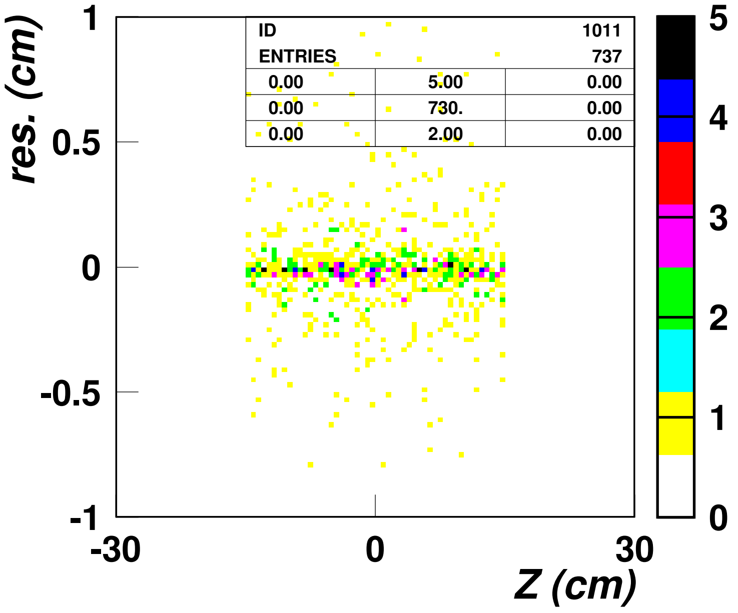
Z fit (STB) vs. ISIM Residuals



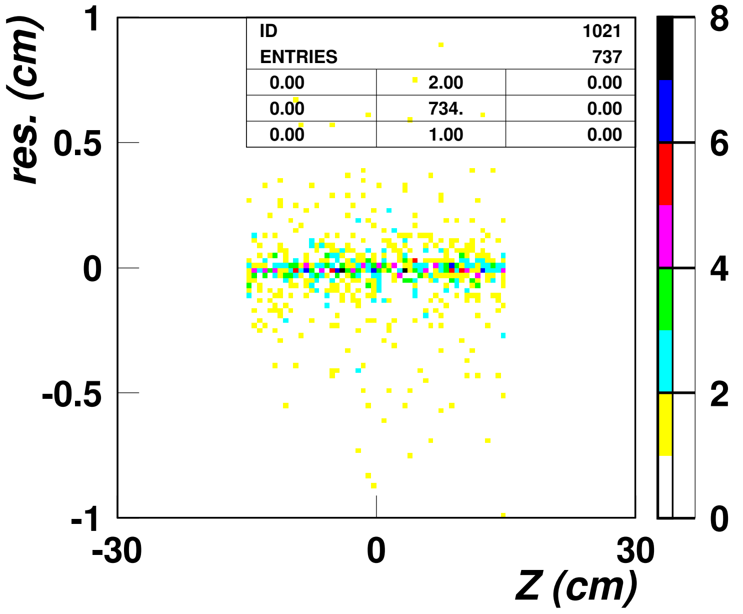
1st (up) ISIM – Φ side



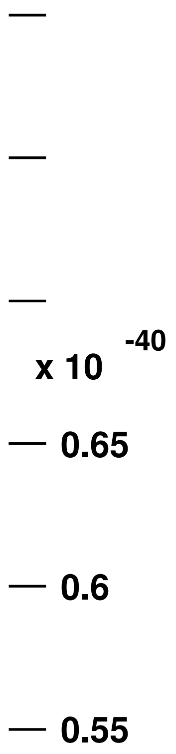
1st (up) ISIM – Z side



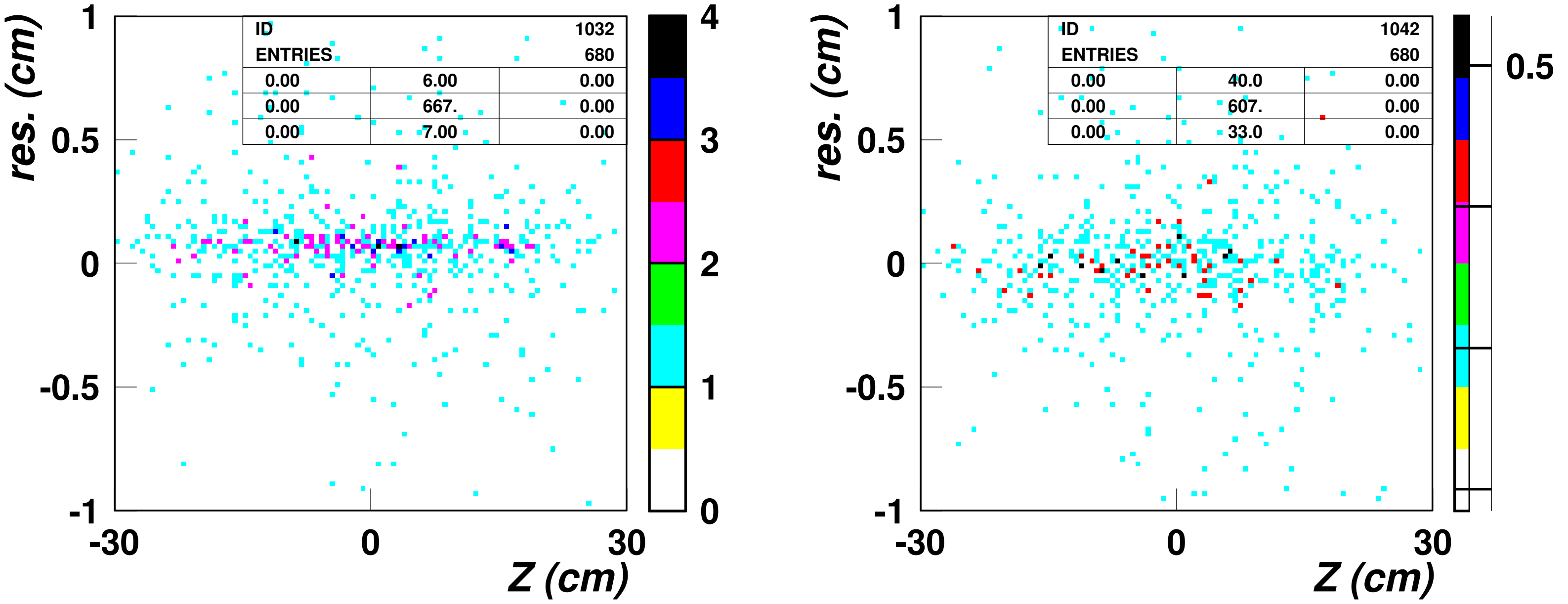
1st (up) ISIM – X side



1st (up) ISIM – Y side

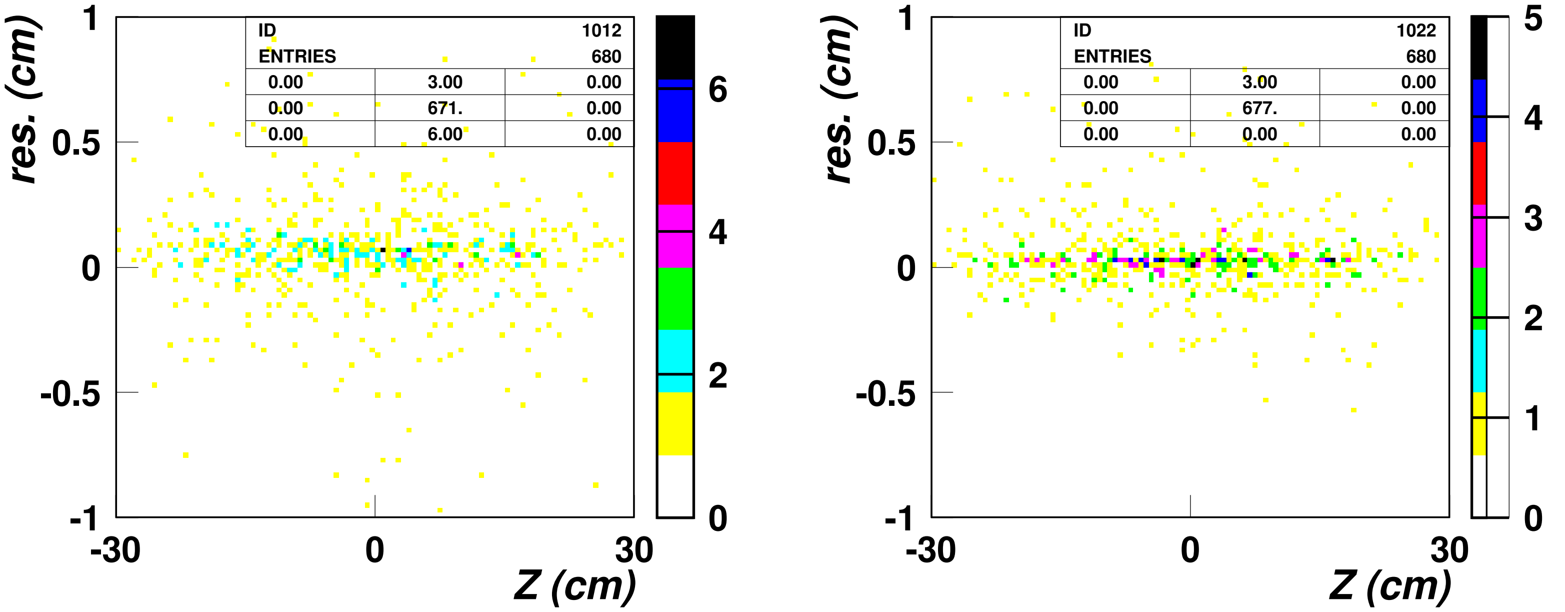


Z fit (STB) vs. ISIM Residuals



2^{nd} (down) ISIM – Φ side

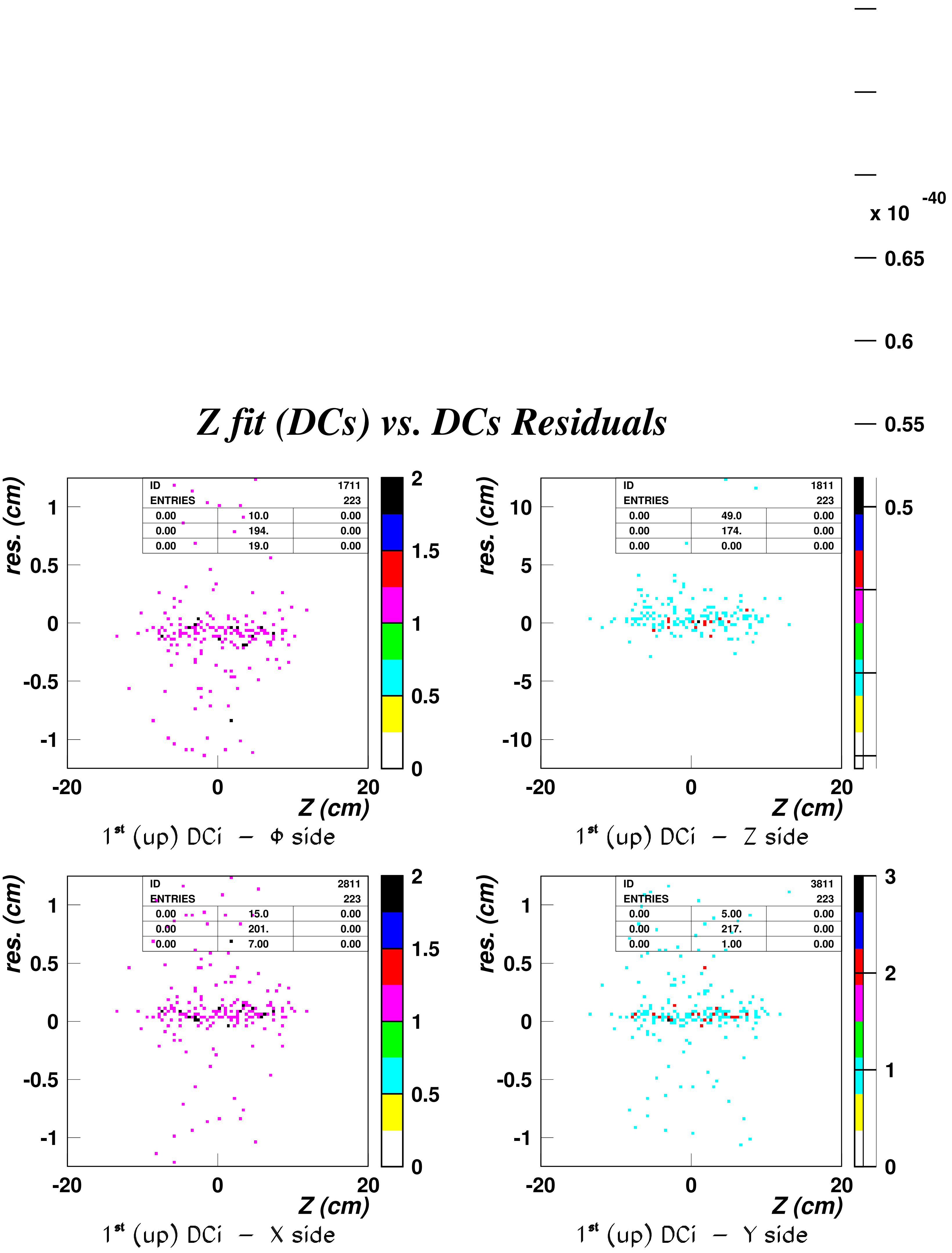
2^{nd} (down) ISIM – Z side

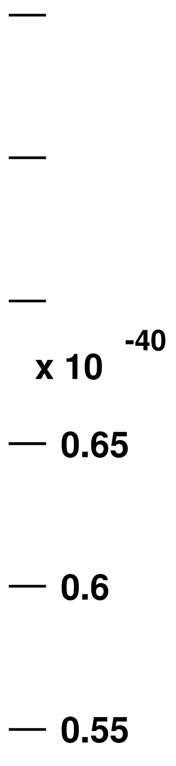


2^{nd} (down) ISIM – X side

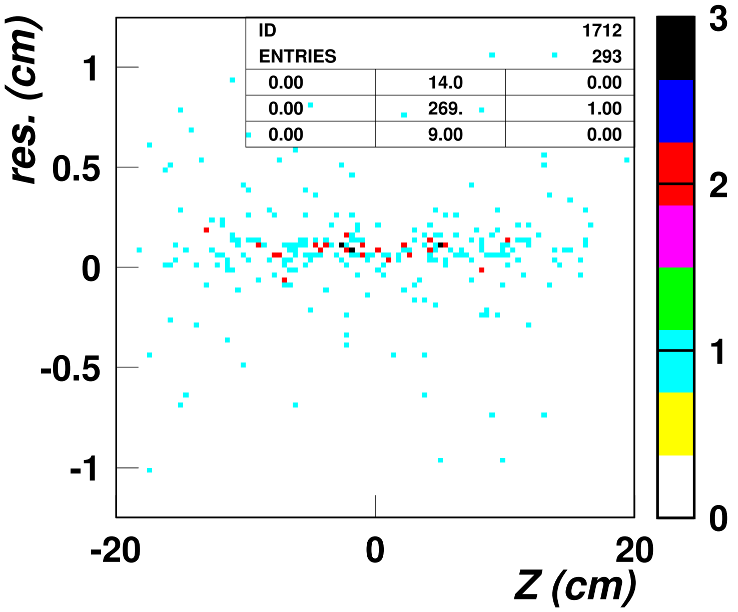
2^{nd} (down) ISIM – Y side

Z fit (DCs) vs. DCs Residuals

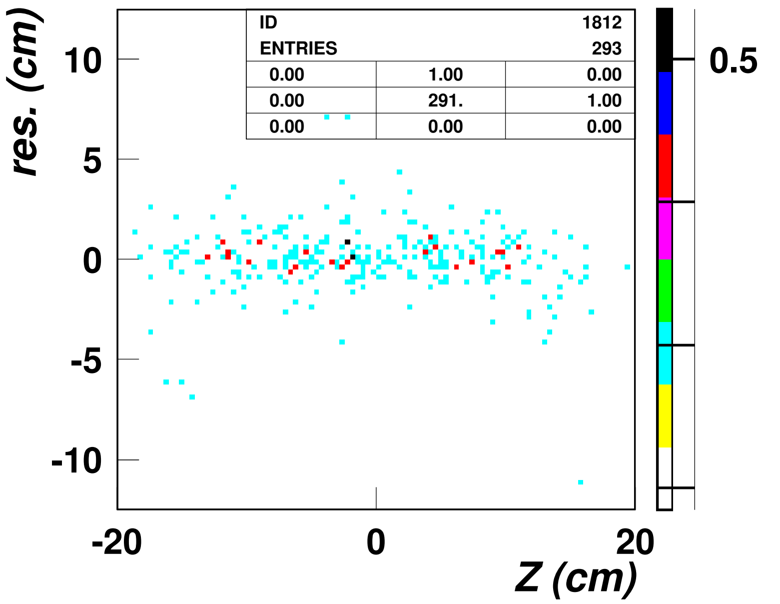




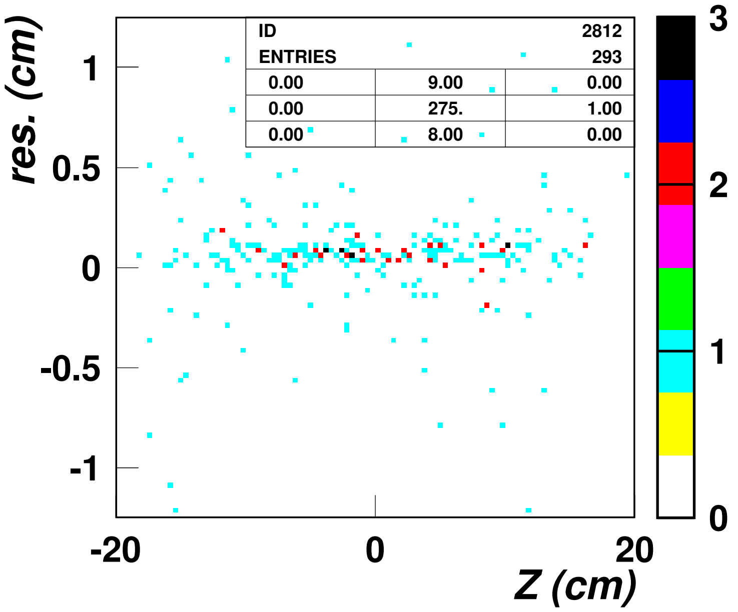
Z fit (DCs) vs. DCs Residuals



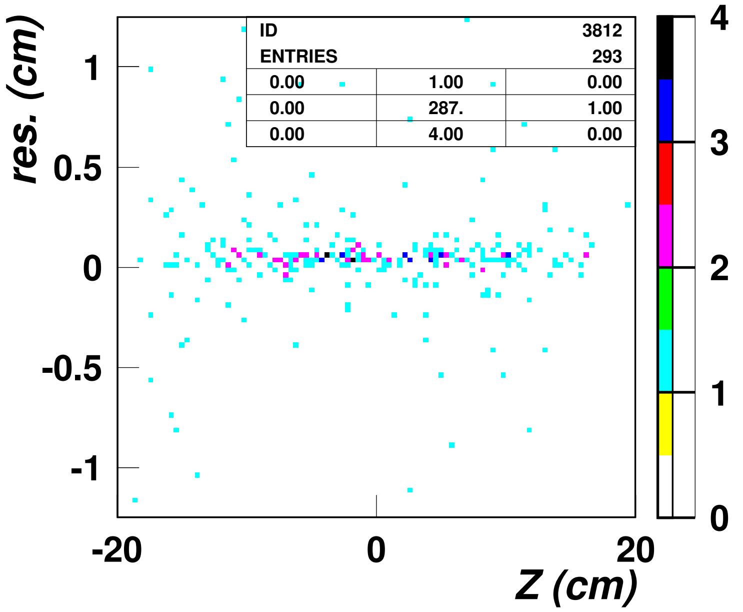
2nd (down) DCi — Φ side



2nd (down) DCi — Z side

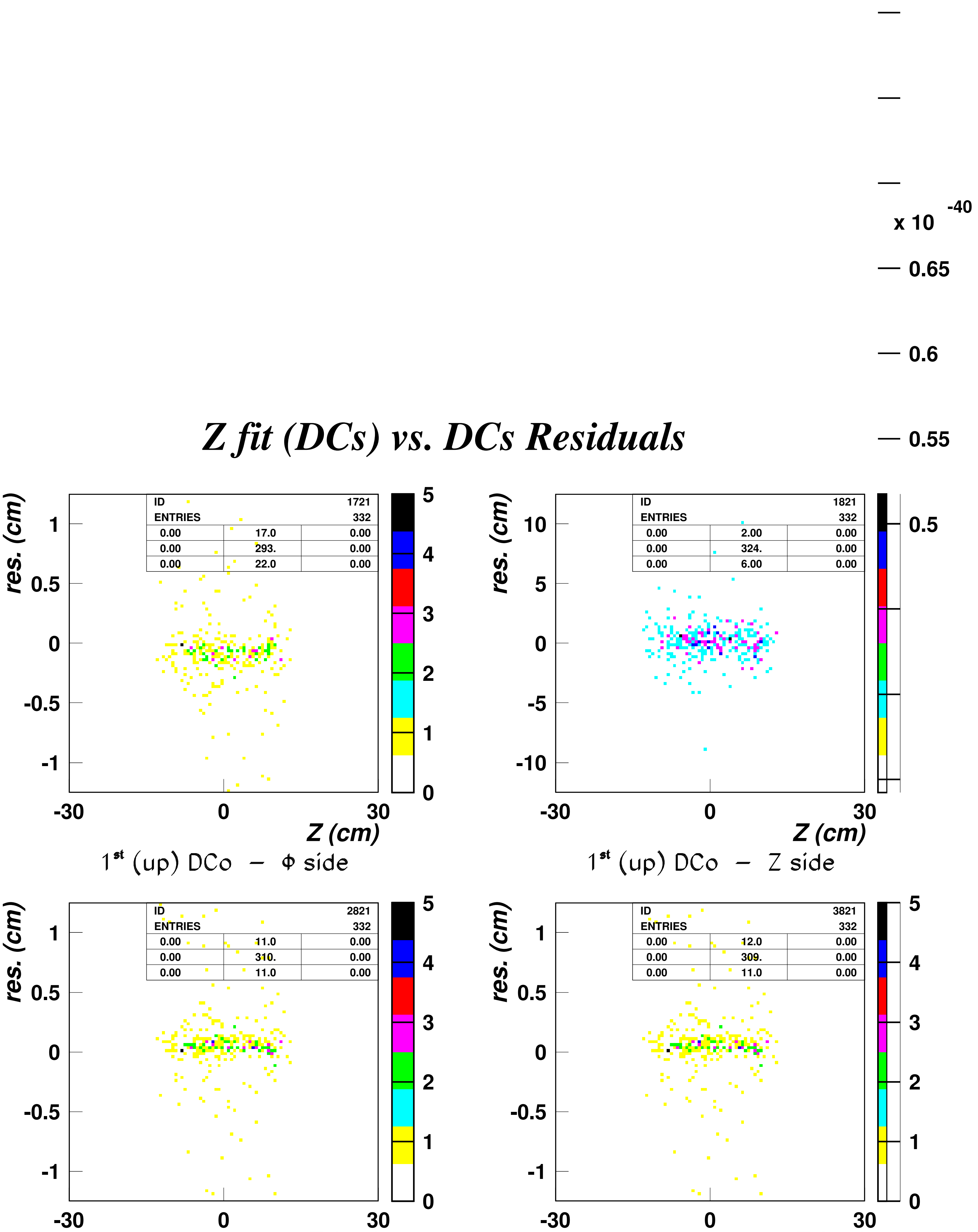


2nd (down) DCi — X side



2nd (down) DCi — Y side

Z fit (DCs) vs. DCs Residuals

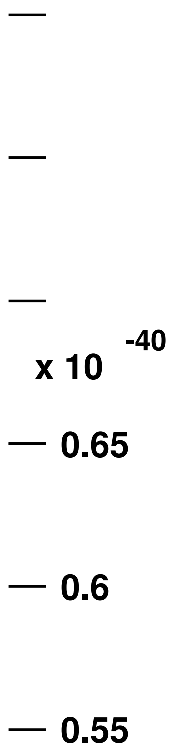


1^{st} (up) DCo – Φ side

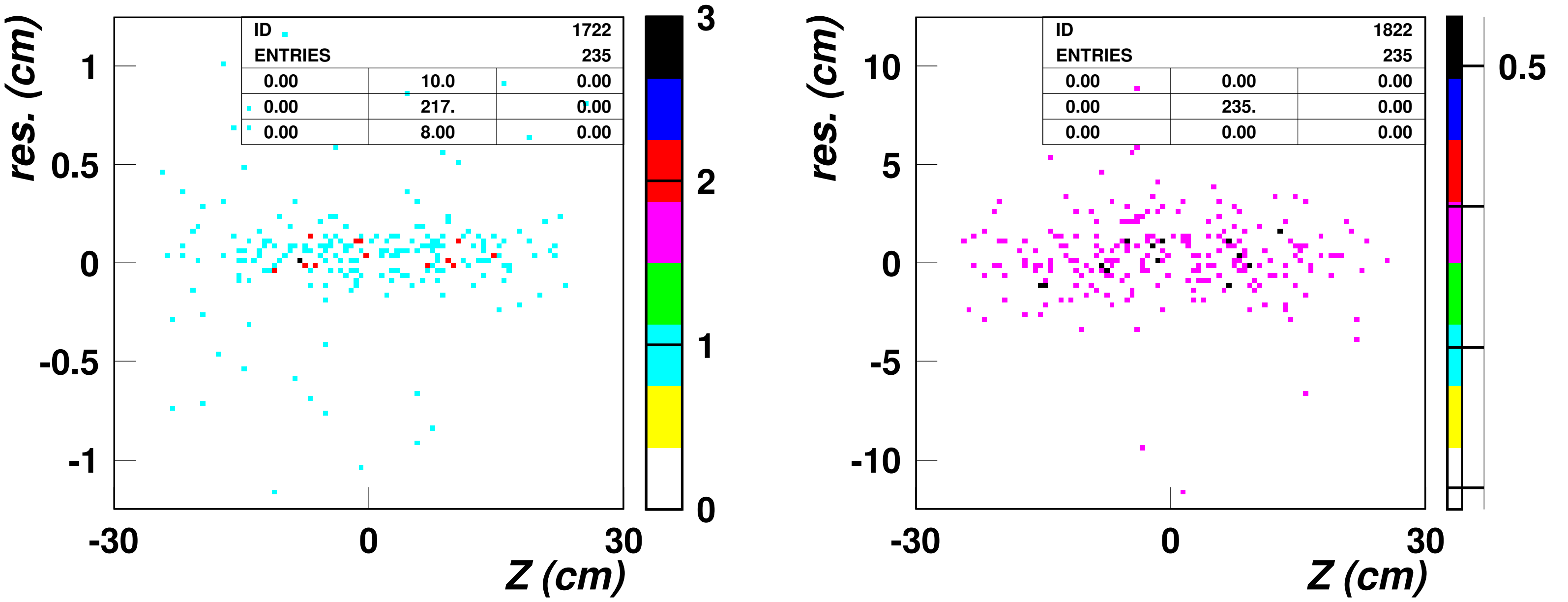
1^{st} (up) DCo – Z side

1^{st} (up) DCo – X side

1^{st} (up) DCo – Y side

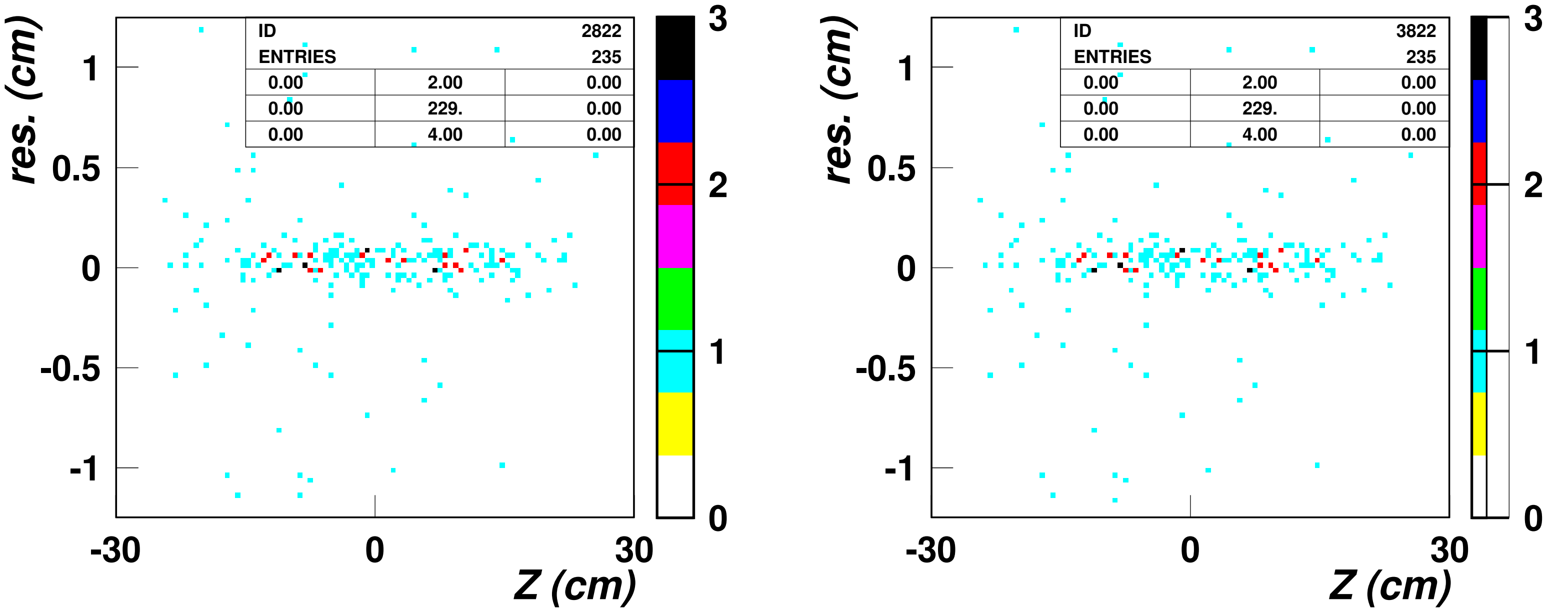


Z fit (DCs) vs. DCs Residuals



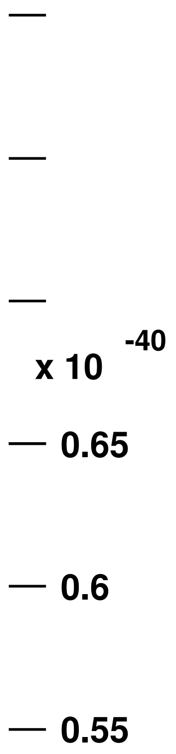
2^{nd} (down) DCo – Φ side

2^{nd} (down) DCo – Z side

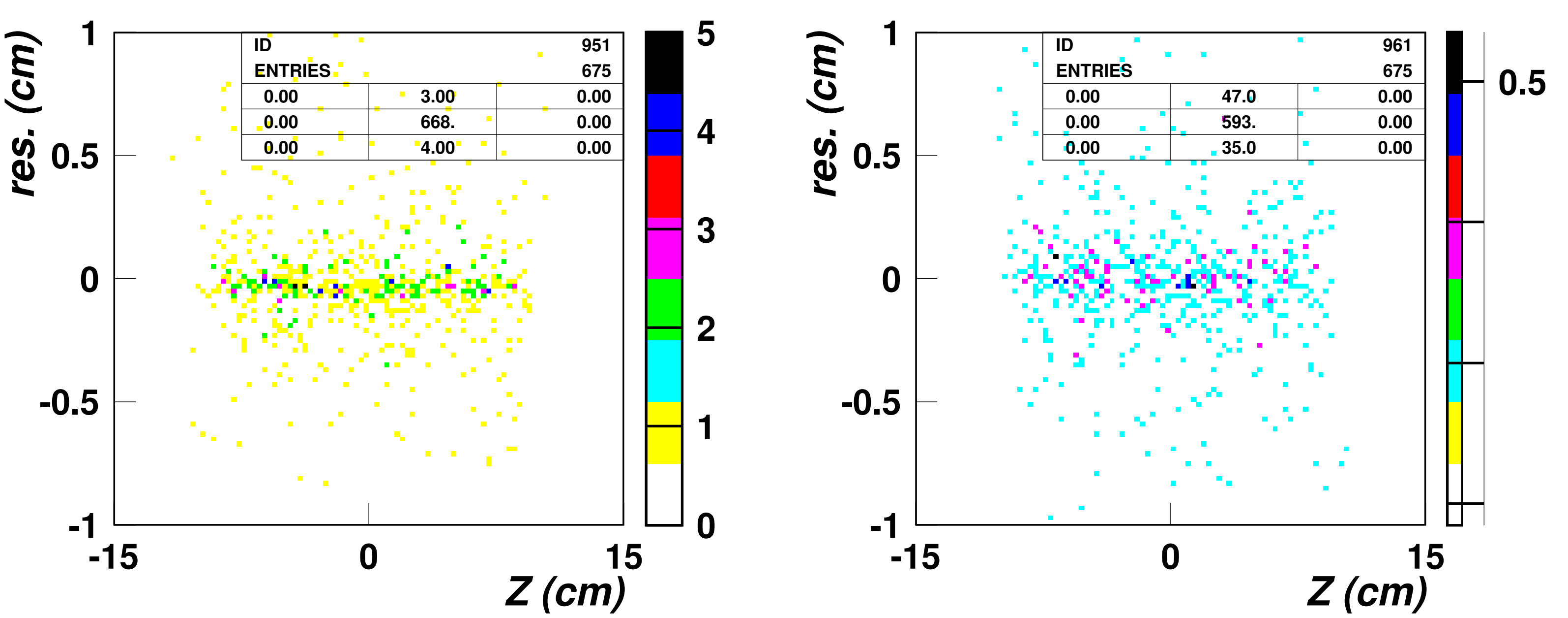


2^{nd} (down) DCo – X side

2^{nd} (down) DCo – Y side

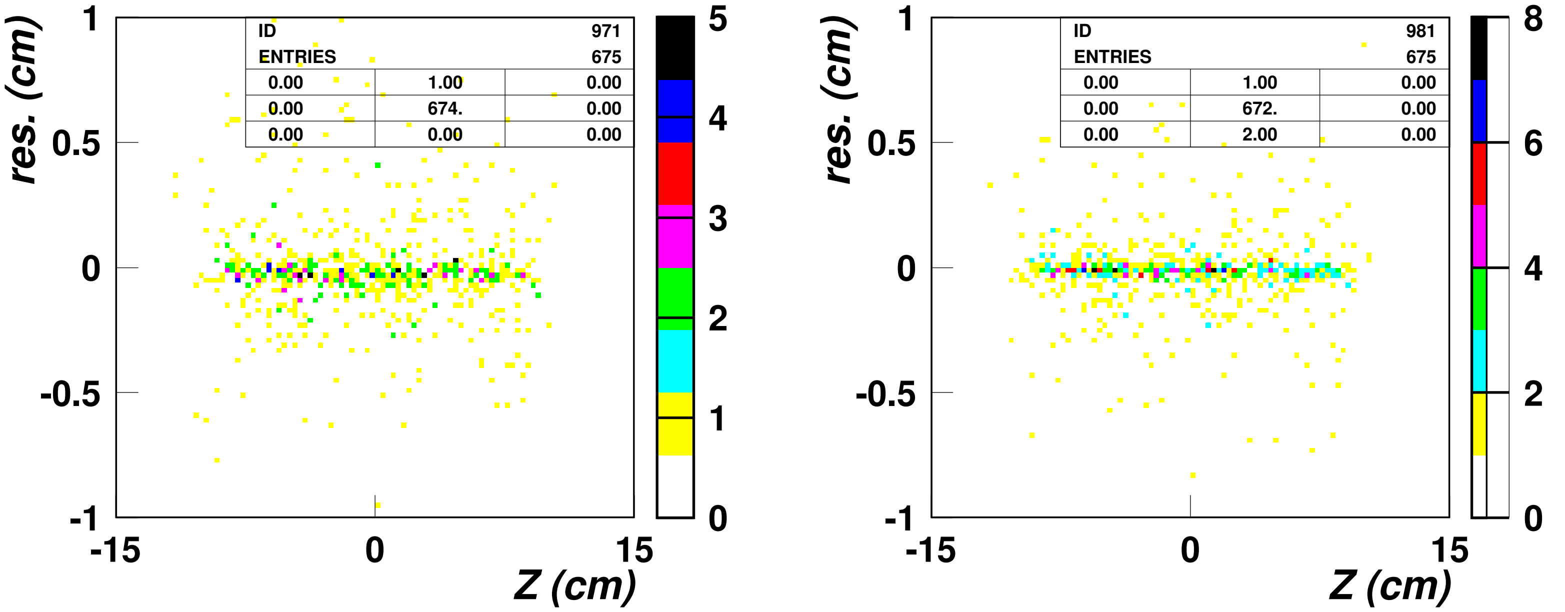


Z fit (OSIM) vs. OSIM Residuals



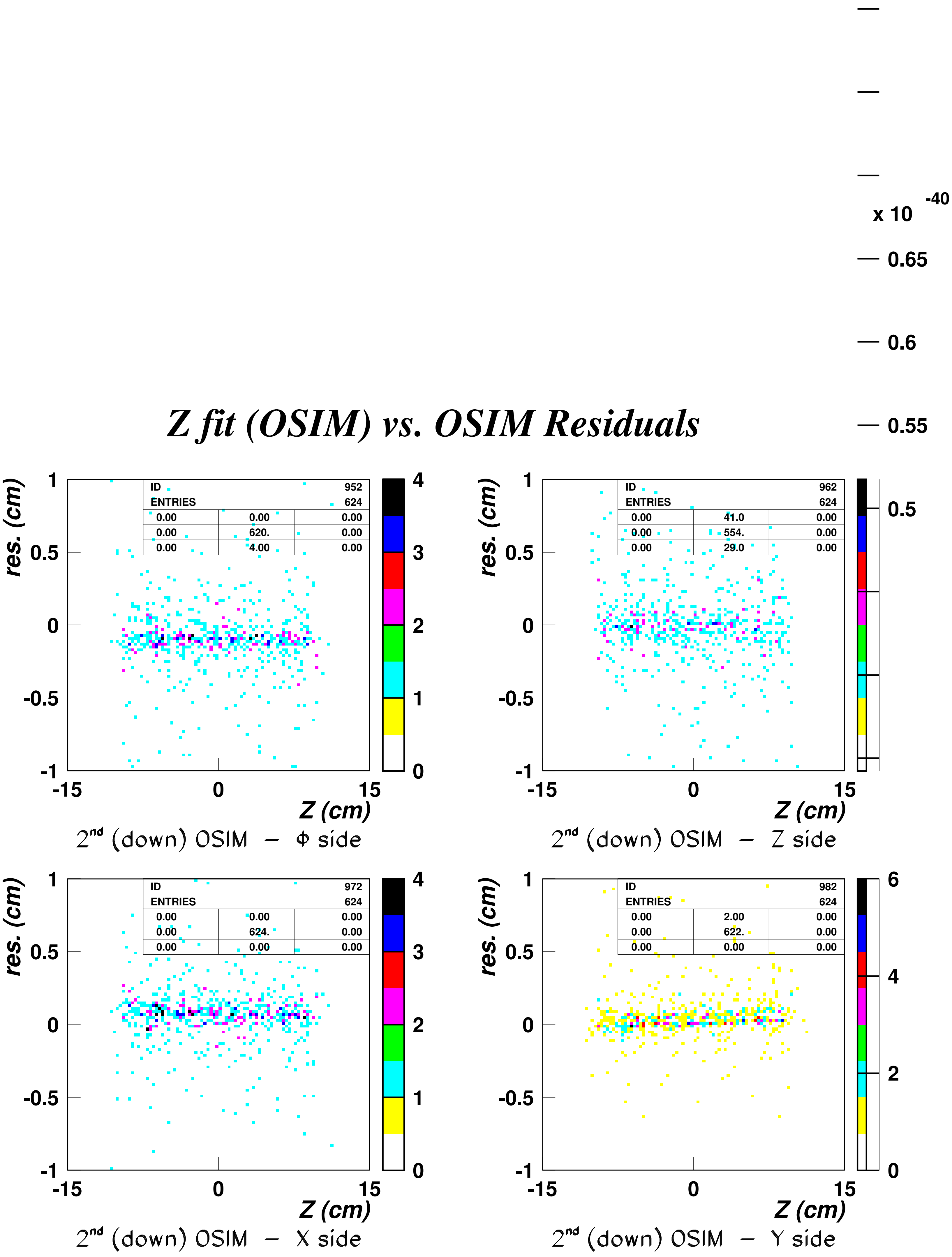
1st (up) OSIM – Φ side

1st (up) OSIM – Z side

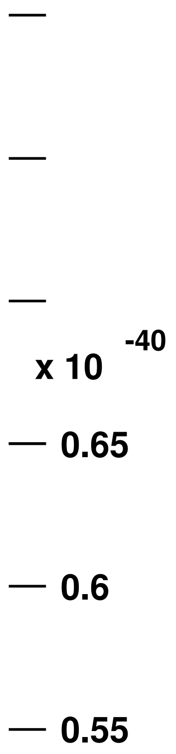


1st (up) OSIM – X side

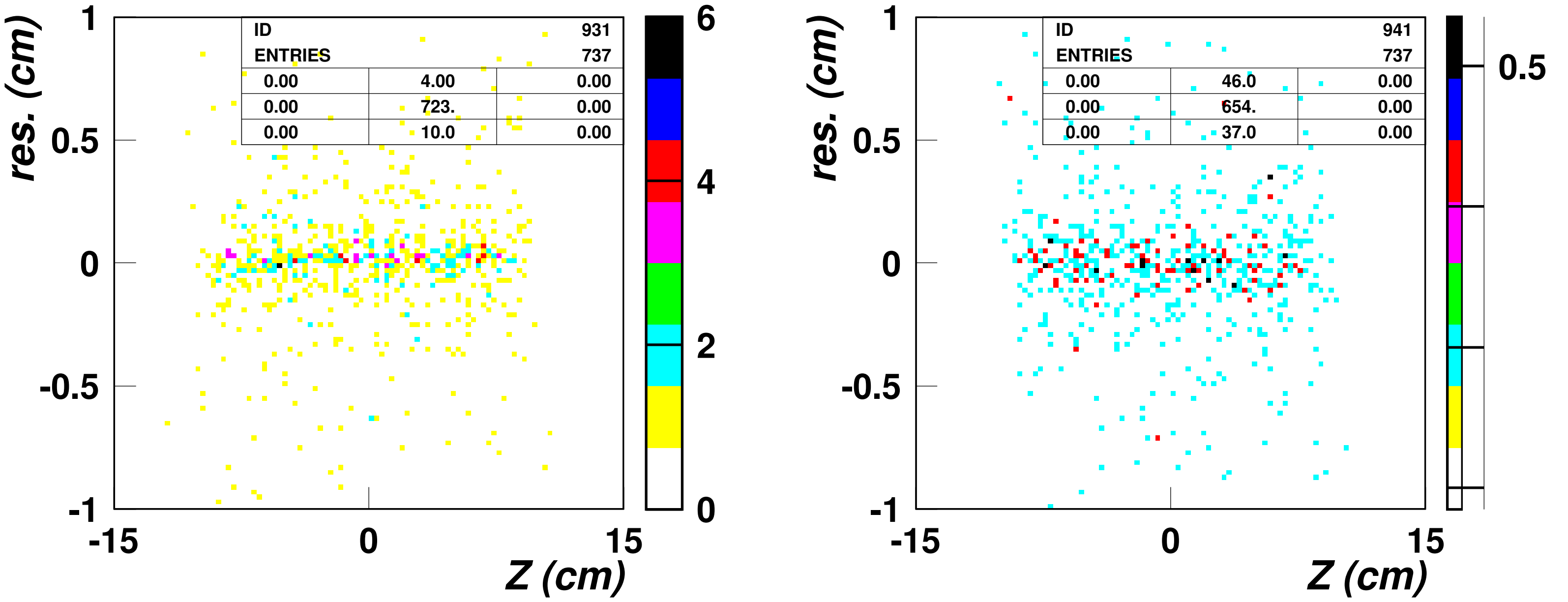
1st (up) OSIM – Y side



Z fit (OSIM) vs. OSIM Residuals
x 10^-40
0.65
0.6
0.55
0.5
res. (cm)
Z (cm)
-15
0
15
1
0.5
0
-0.5
-1
ID 952
ENTRIES 624
0.00 0.00 0.00
0.00 620. 0.00
0.00 4.00 0.00
2nd (down) OSIM – Φ side
ID 962
ENTRIES 624
0.00 41.0 0.00
0.00 554. 0.00
0.00 29.0 0.00
2nd (down) OSIM – Z side
ID 972
ENTRIES 624
0.00 0.00 0.00
0.00 624. 0.00
0.00 0.00 0.00
2nd (down) OSIM – X side
ID 982
ENTRIES 624
0.00 2.00 0.00
0.00 622. 0.00
0.00 0.00 0.00
2nd (down) OSIM – Y side
0
1
2
3
4
6

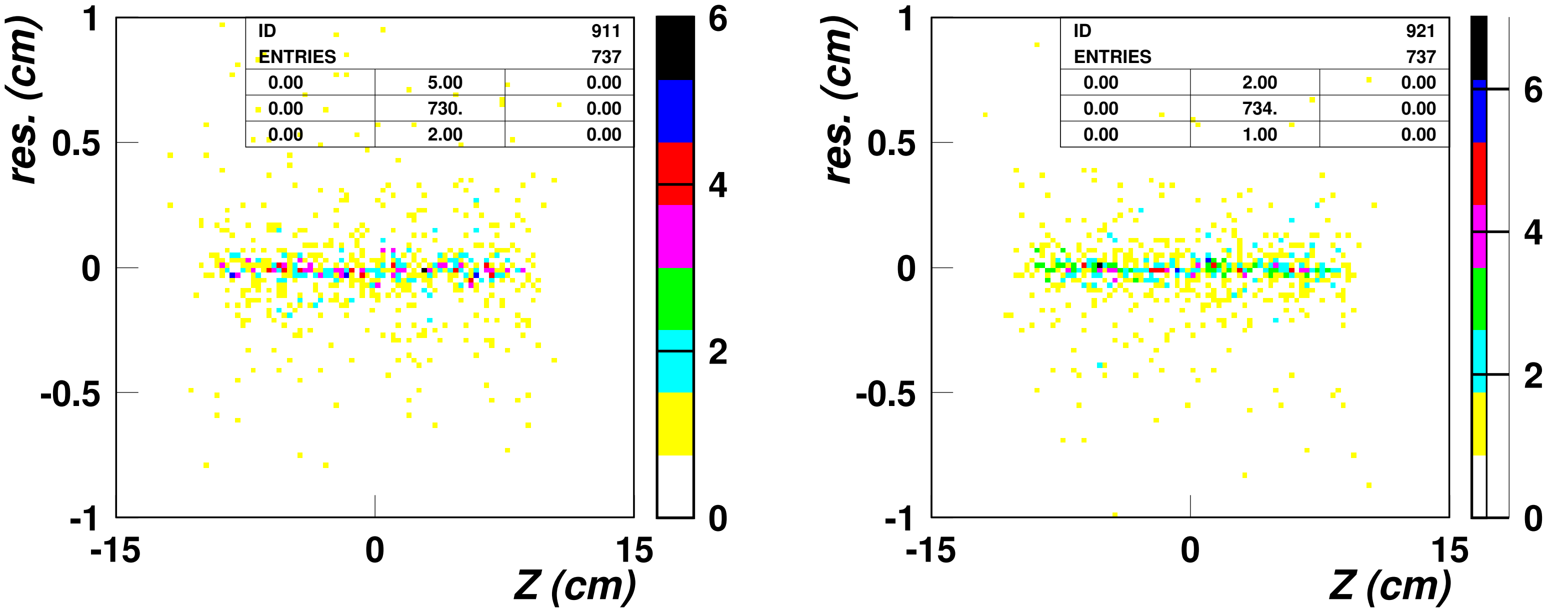


Z fit (ISIM) vs. ISIM Residuals



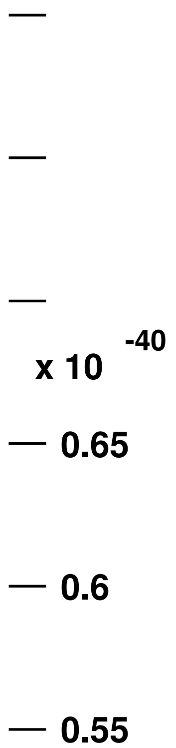
1st (up) ISIM – Φ side

1st (up) ISIM – Z side

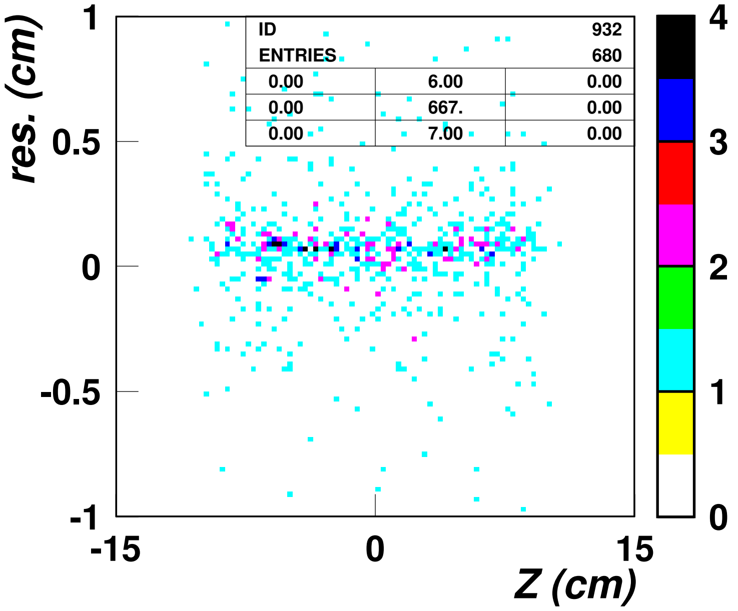


1st (up) ISIM – X side

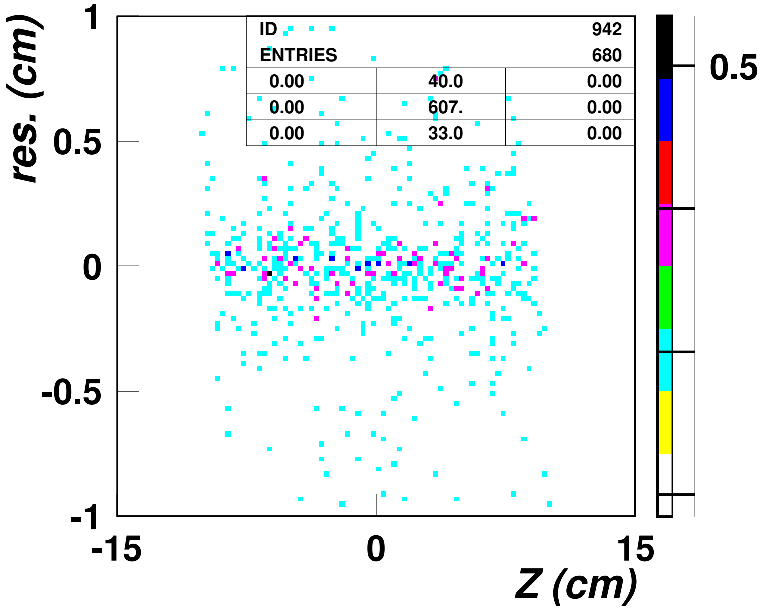
1st (up) ISIM – Y side



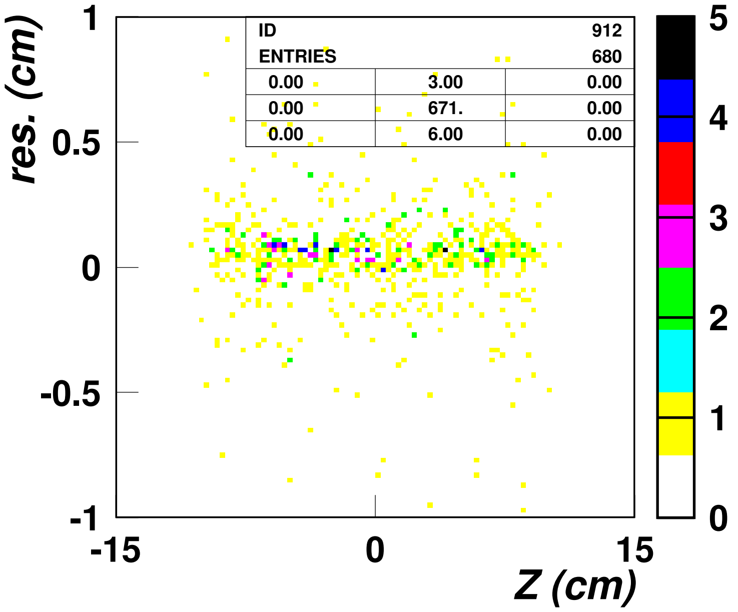
Z fit (ISIM) vs. ISIM Residuals



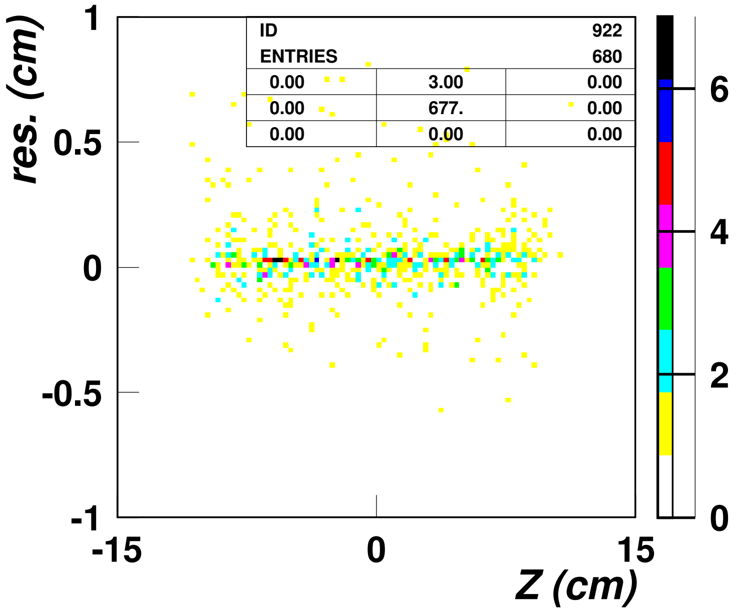
2^{nd} (down) ISIM – Φ side



2^{nd} (down) ISIM – Z side



2^{nd} (down) ISIM – X side



2^{nd} (down) ISIM – Y side