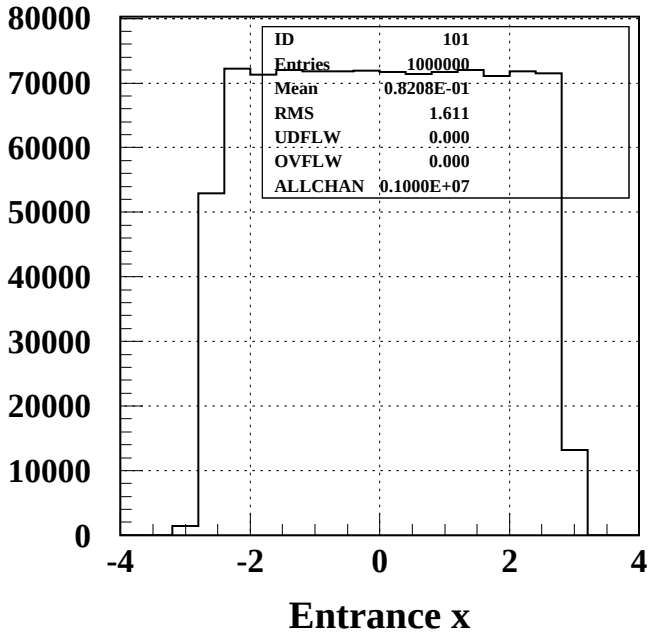
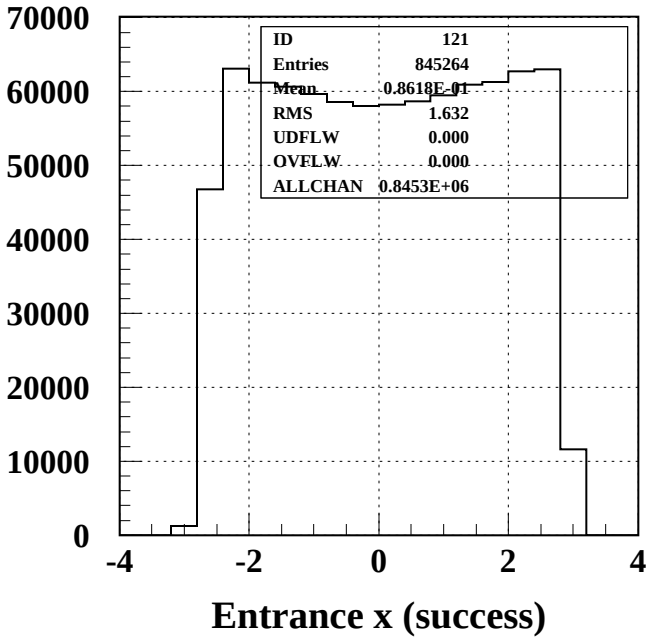
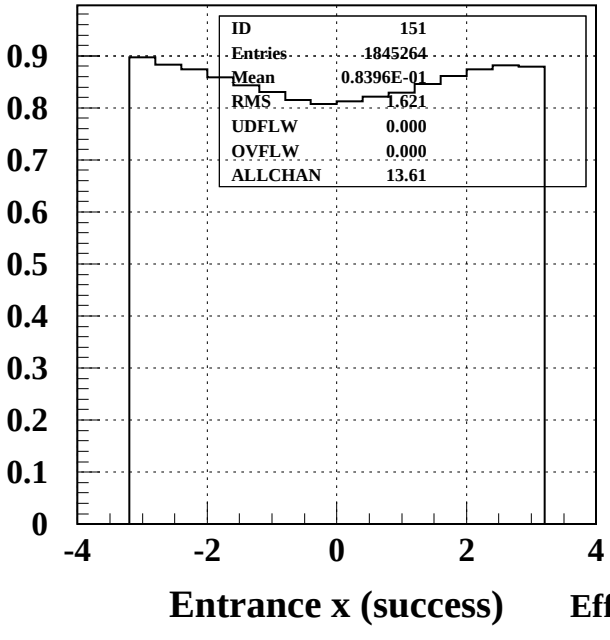
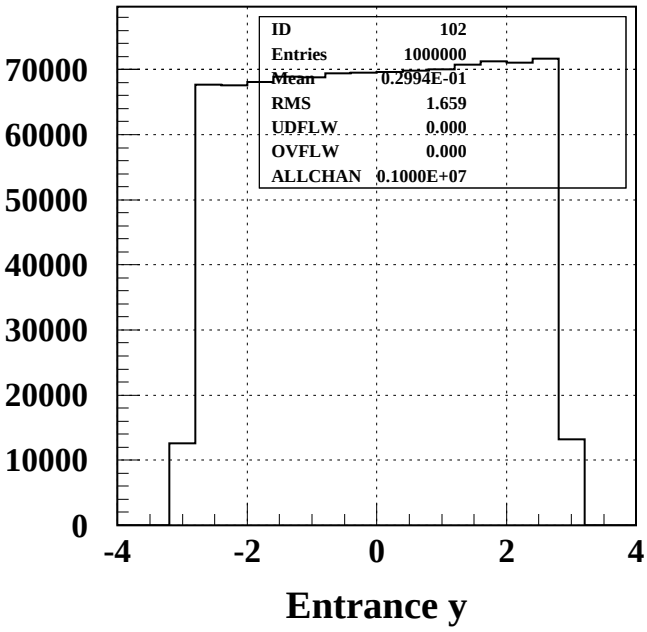
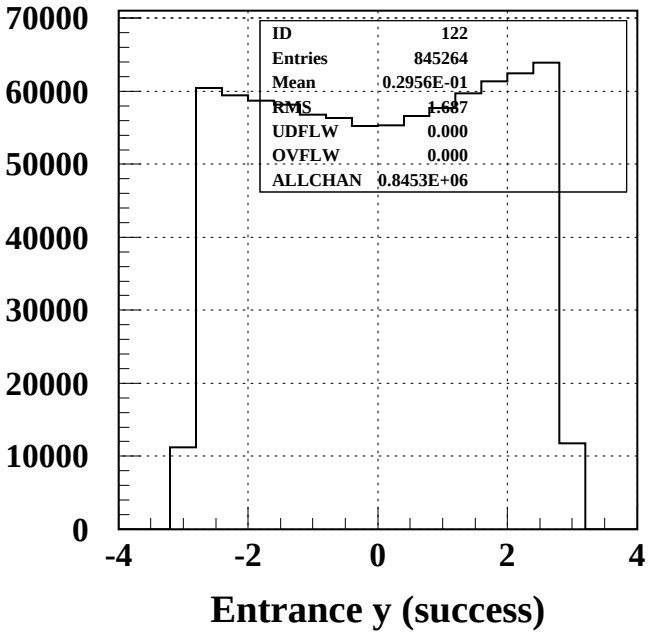
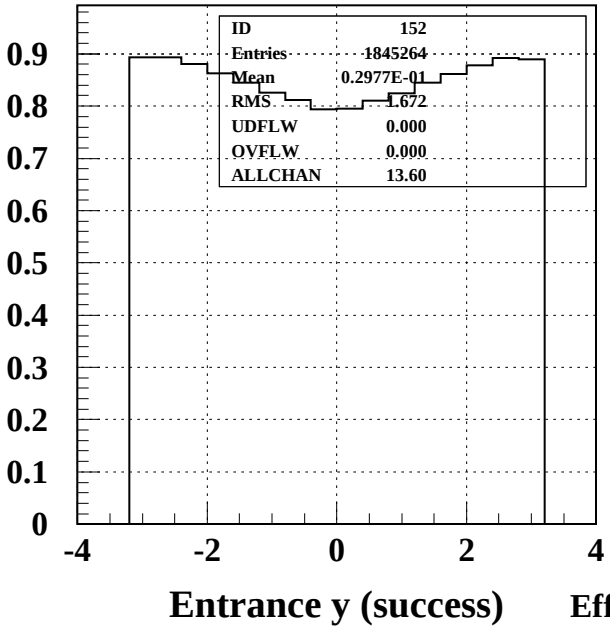

ID 101
Entries 1000000
Mean 0.8208E-01
RMS 1.611
UDFLW 0.000
OVFLW 0.000
ALLCHAN 0.1000E+07
80000
70000
60000
50000
40000
30000
20000
10000
0
-4
-2
0
2
4
Entrance x


ID 121
Entries 845264
Mean 0.8618E-01
RMS 1.632
UDFLW 0.000
OVFLW 0.000
ALLCHAN 0.8453E+06
70000
60000
50000
40000
30000
20000
10000
0
-4
-2
0
2
4
Entrance x (success)

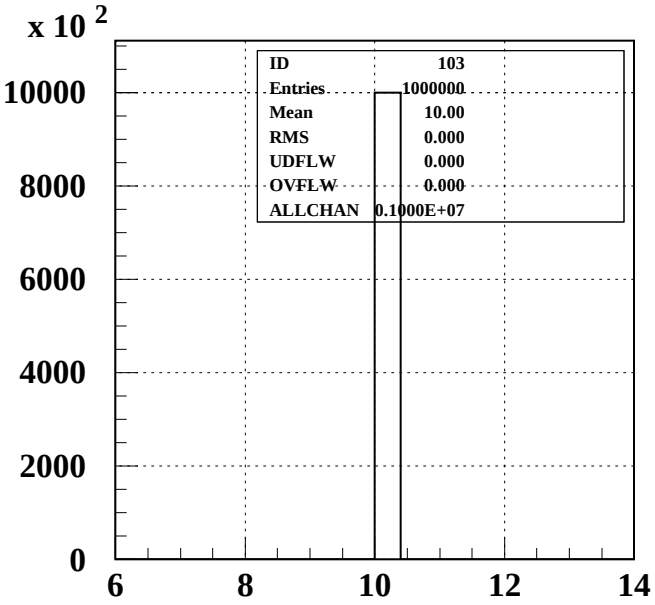

ID 151
Entries 1845264
Mean 0.8396E-01
RMS 1.621
UDFLW 0.000
OVFLW 0.000
ALLCHAN 13.61
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
-4
-2
0
2
4
Entrance x (success)
Efficiency

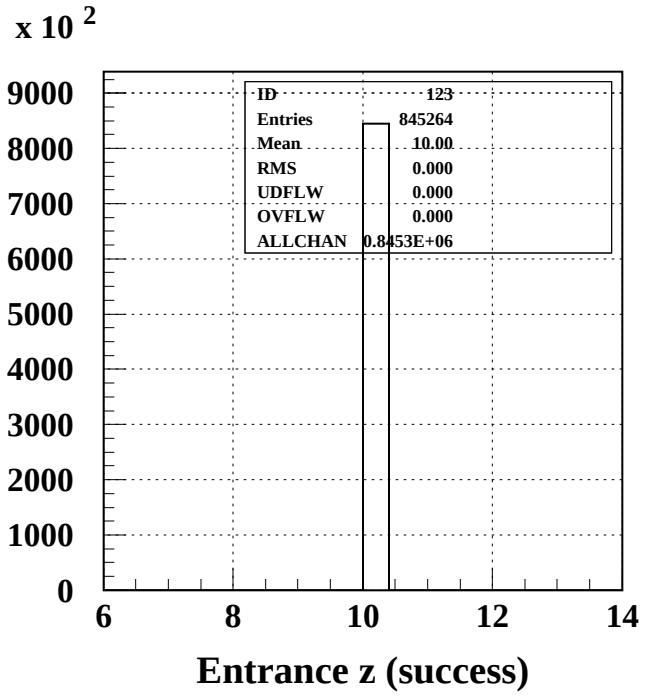

ID 102
Entries 1000000
Mean 0.2994E-01
RMS 1.659
UDFLW 0.000
OVFLW 0.000
ALLCHAN 0.1000E+07
70000
60000
50000
40000
30000
20000
10000
0
-4
-2
0
2
4
Entrance y

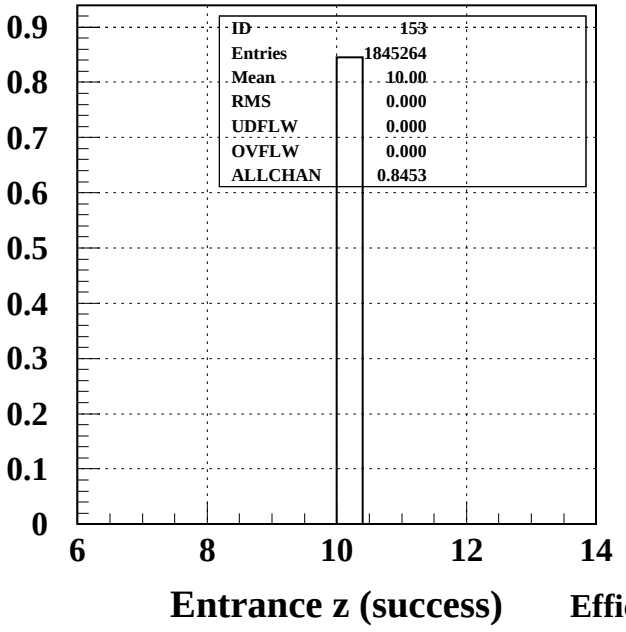

ID 122
Entries 845264
Mean 0.2956E-01
RMS 1.687
UDFLW 0.000
OVFLW 0.000
ALLCHAN 0.8453E+06
70000
60000
50000
40000
30000
20000
10000
0
-4
-2
0
2
4
Entrance y (success)

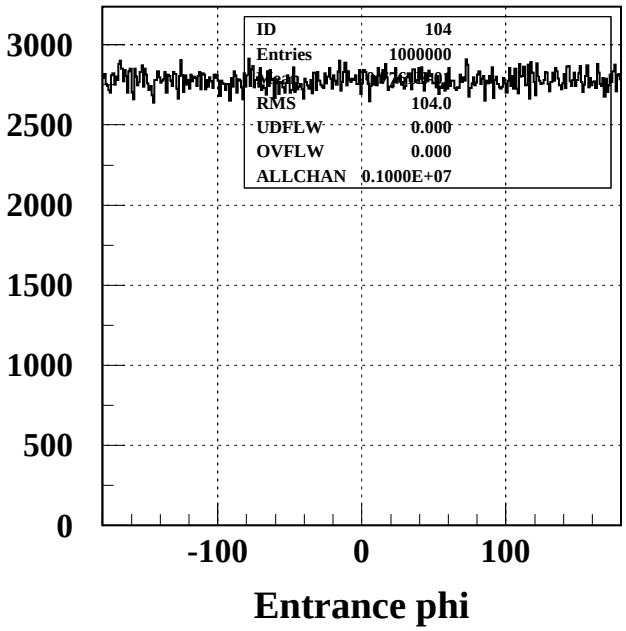

ID 152
Entries 1845264
Mean 0.2977E-01
RMS 1.672
UDFLW 0.000
OVFLW 0.000
ALLCHAN 13.60
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
-4
-2
0
2
4
Entrance y (success)

Efficiency

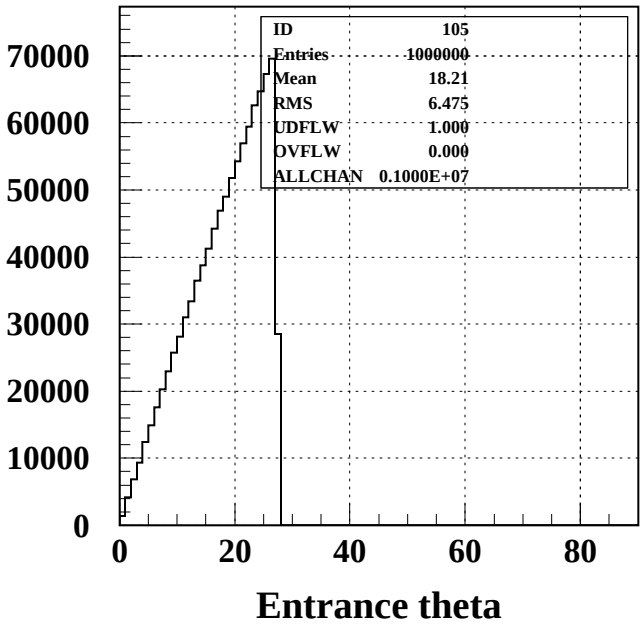

x 10 2
ID 103
Entries 1000000
Mean 10.00
RMS 0.000
UDFLW 0.000
OVFLW 0.000
ALLCHAN 0.1000E+07
10000
8000
6000
4000
2000
0
6
8
10
12
14
Entrance z


x 10 2
ID 123
Entries 845264
Mean 10.00
RMS 0.000
UDFLW 0.000
OVFLW 0.000
ALLCHAN 0.8453E+06
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
6
8
10
12
14
Entrance z (success)

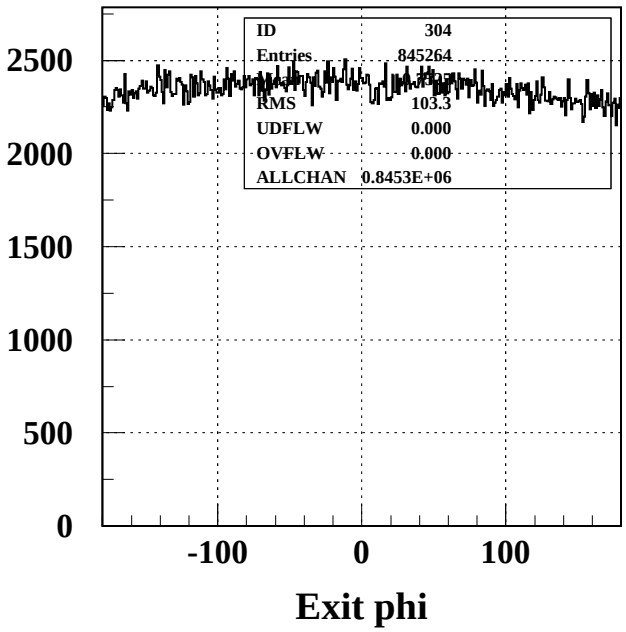

ID 153
Entries 1845264
Mean 10.00
RMS 0.000
UDFLW 0.000
OVFLW 0.000
ALLCHAN 0.8453
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
6
8
10
12
14
Entrance z (success) Efficiency



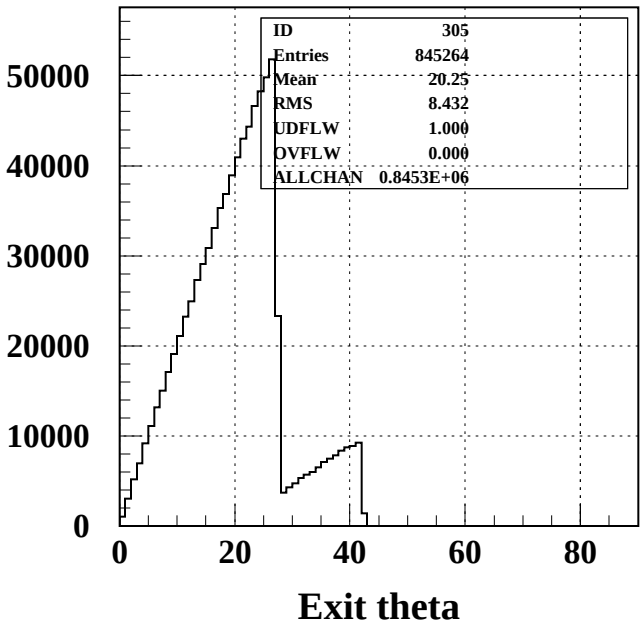
Entrance phi



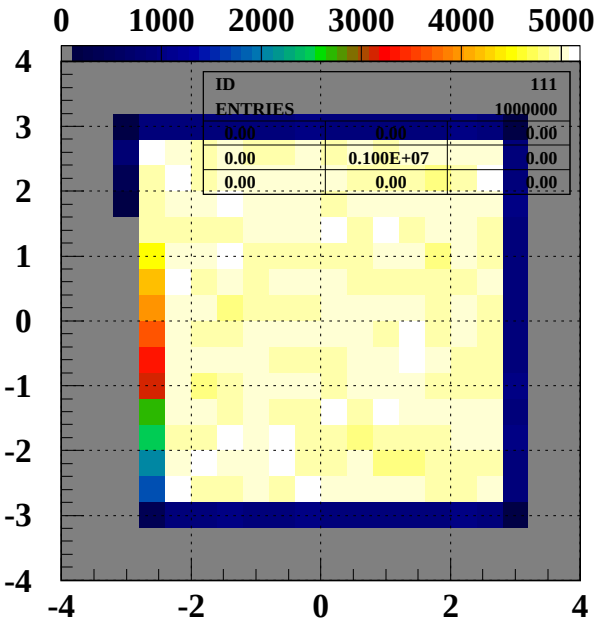
Entrance theta



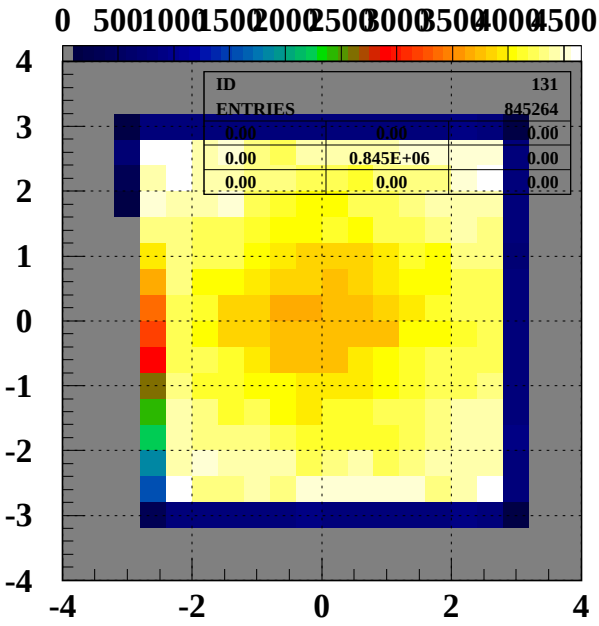
Exit phi



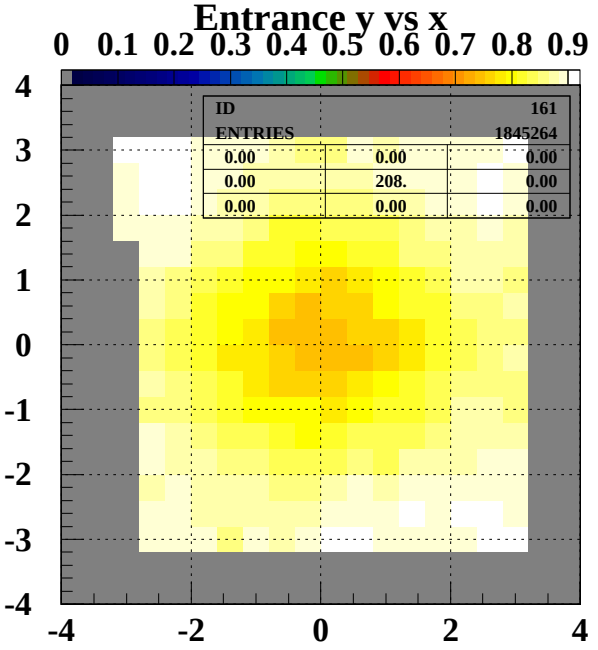
Exit theta



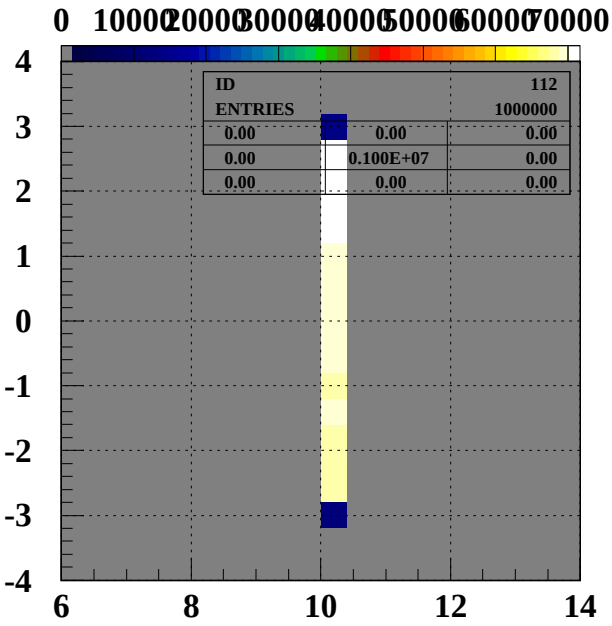
Entrance y vs x



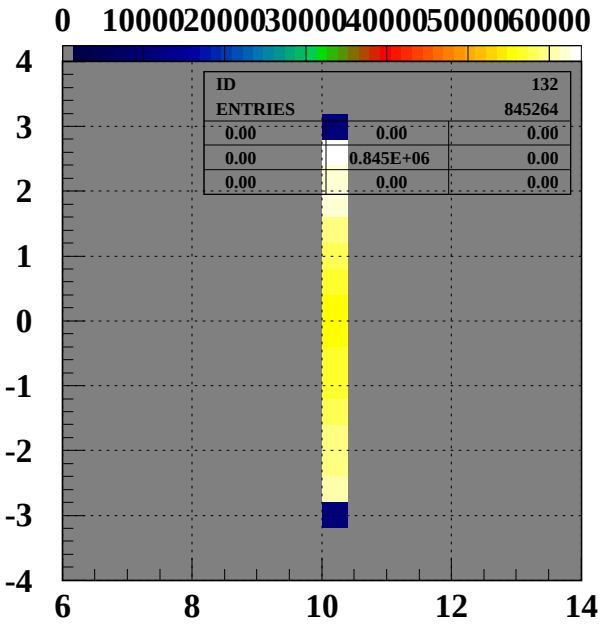
Entrance y vs x (success)



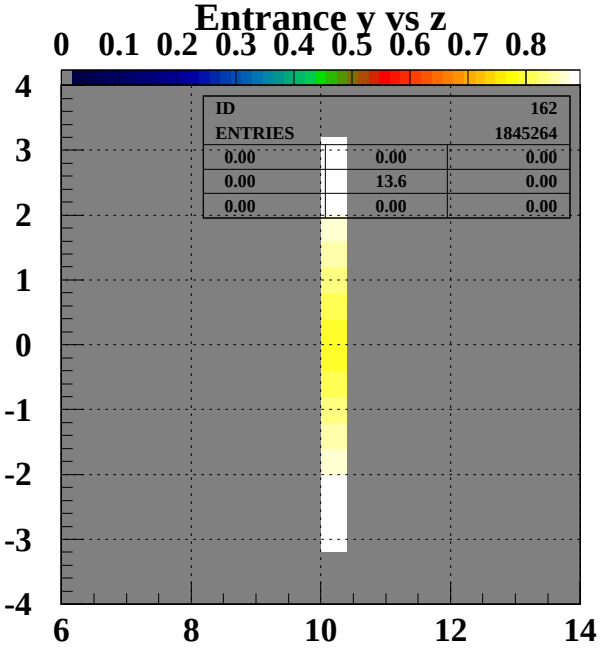
Entrance y vs x (success) Efficiency



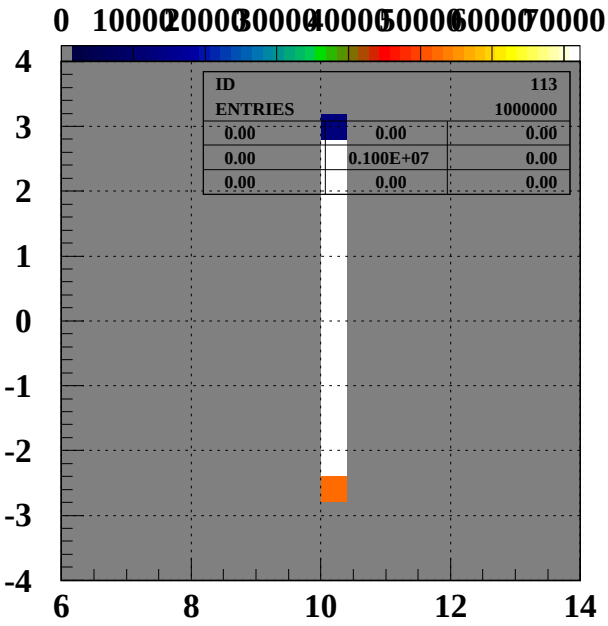
Entrance y vs z



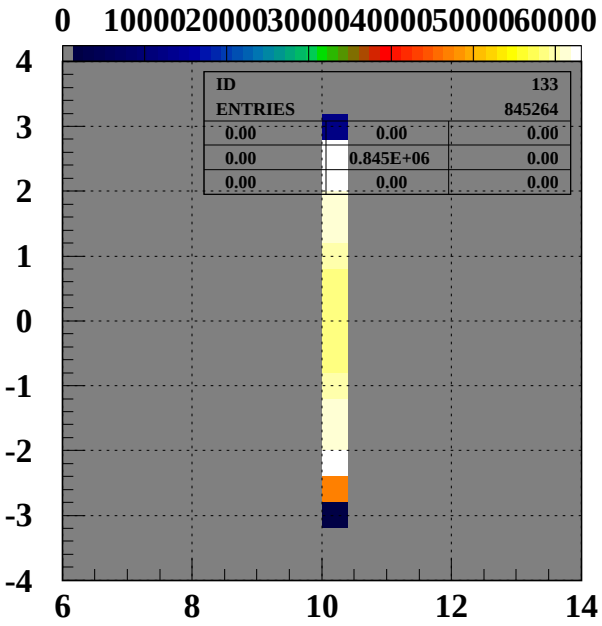
Entrance y vs z (success)



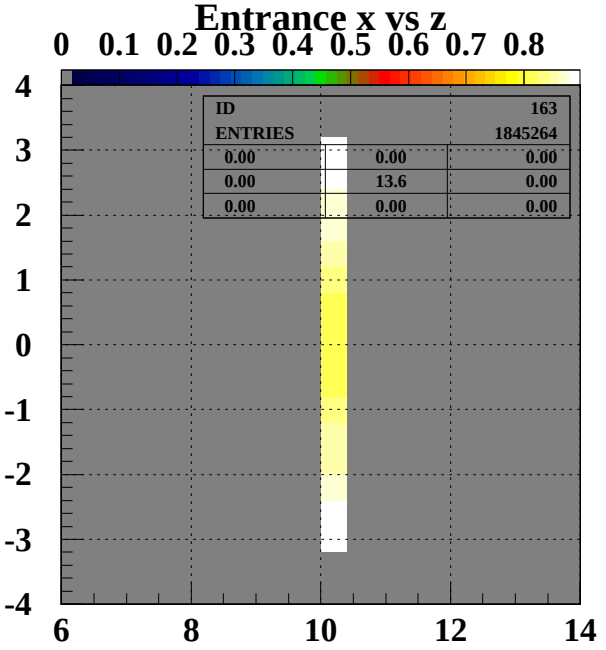
Entrance y vs z (success) Efficiency



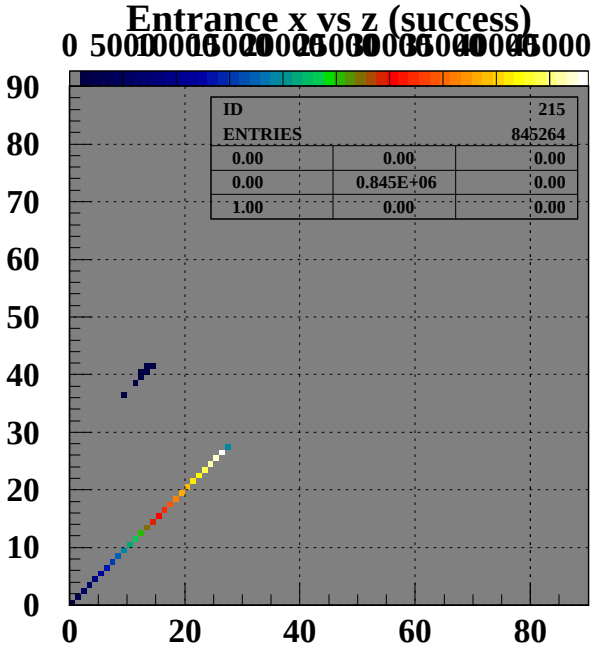
Entrance x vs z



Entrance x vs z (success)

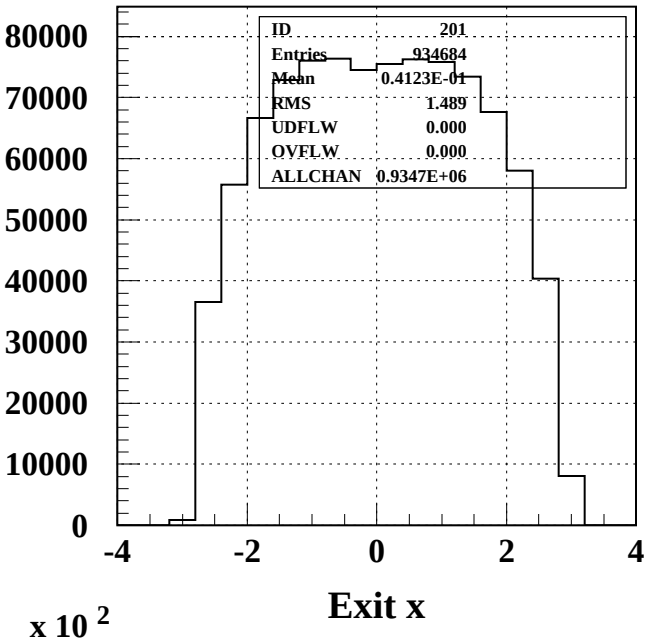


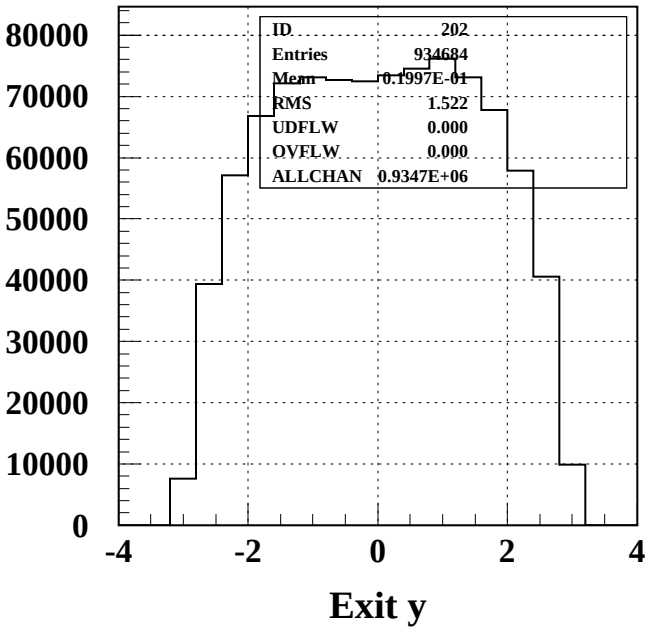
Entrance x vs z (success)

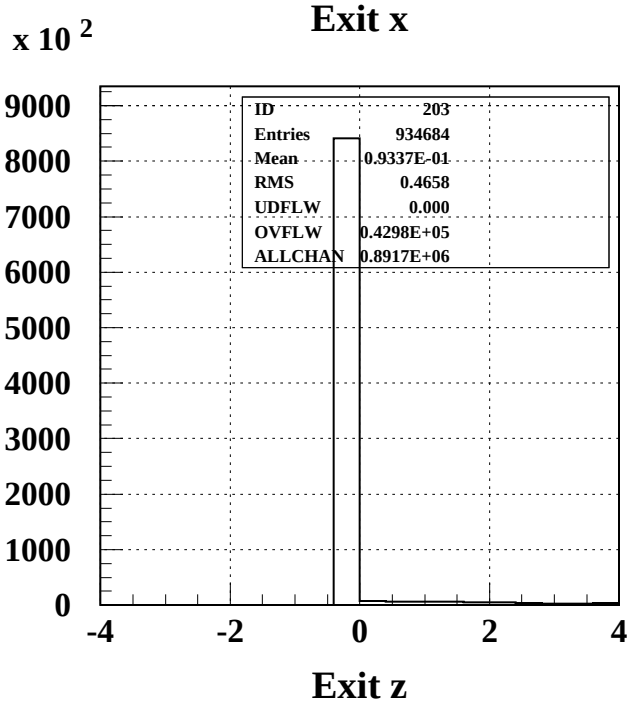


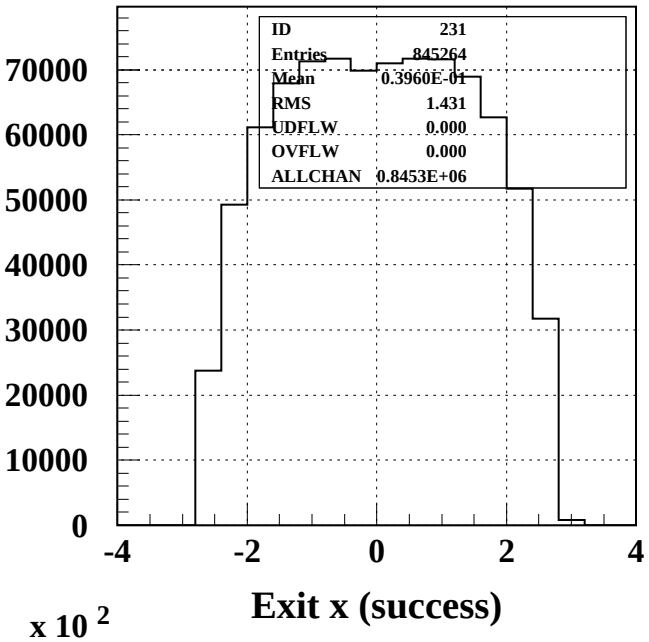
Efficiency

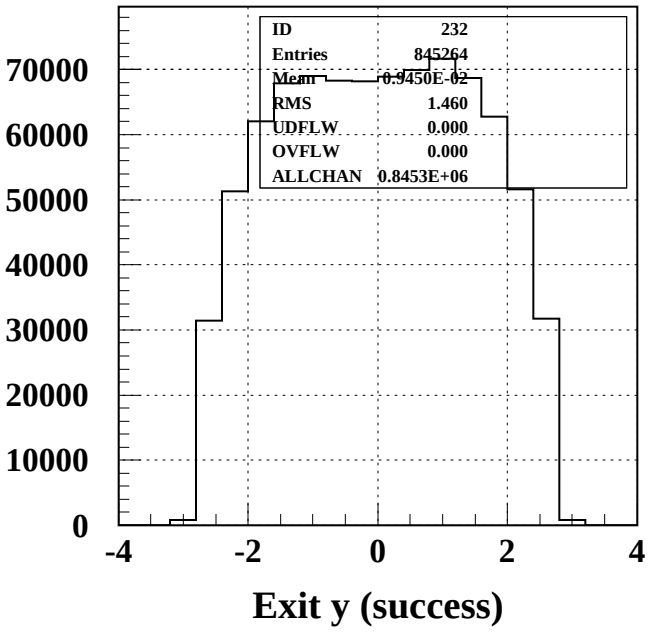
Exit theta vs entrance theta

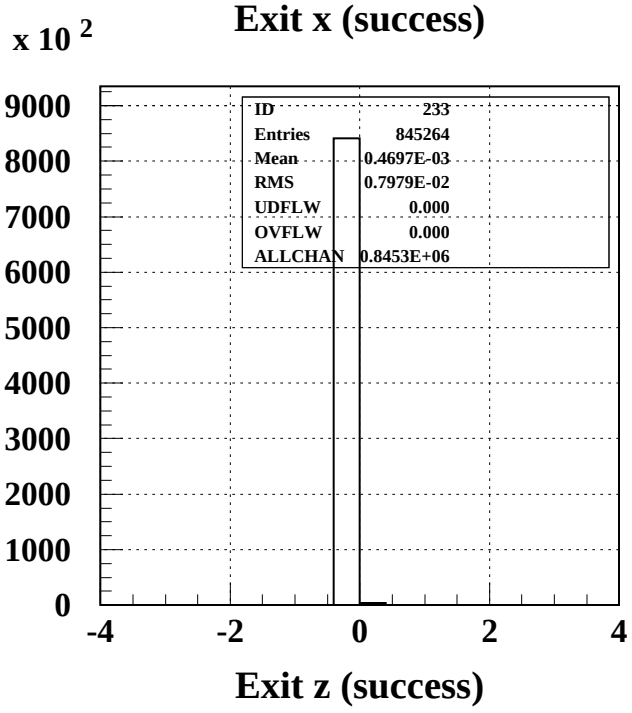

ID 201
Entries 934684
Mean 0.4123E-01
RMS 1.489
UDFLW 0.000
OVFLW 0.000
ALLCHAN 0.9347E+06
80000
70000
60000
50000
40000
30000
20000
10000
0
-4
-2
0
2
4
Exit x

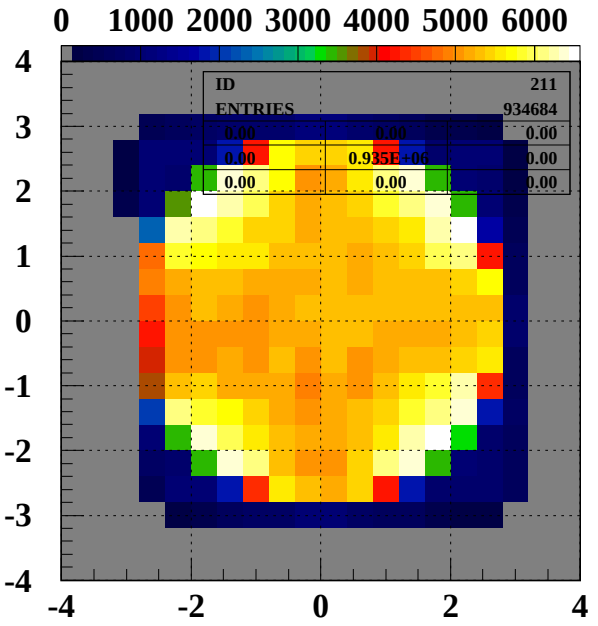

ID 202
Entries 934684
Mean 0.1997E-01
RMS 1.522
UDFLW 0.000
OVFLW 0.000
ALLCHAN 0.9347E+06
80000
70000
60000
50000
40000
30000
20000
10000
0
-4
-2
0
2
4
Exit y


x 10 2
ID 203
Entries 934684
Mean 0.9337E-01
RMS 0.4658
UDFLW 0.000
OVFLW 0.4298E+05
ALLCHAN 0.8917E+06
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
-4
-2
0
2
4
Exit z

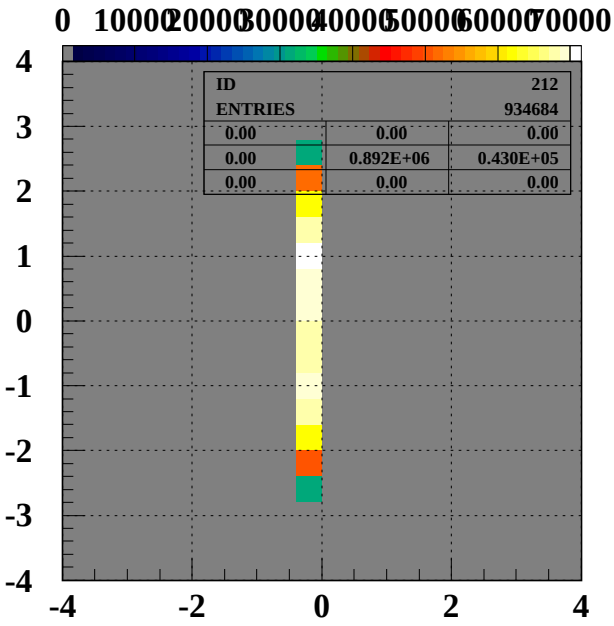

ID 231
Entries 845264
Mean 0.3960E-01
RMS 1.431
UDFLW 0.000
OVFLW 0.000
ALLCHAN 0.8453E+06
70000
60000
50000
40000
30000
20000
10000
0
-4
-2
0
2
4
Exit x (success)


ID 232
Entries 845264
Mean 0.9450E-02
RMS 1.460
UDFLW 0.000
OVFLW 0.000
ALLCHAN 0.8453E+06
70000
60000
50000
40000
30000
20000
10000
0
-4
-2
0
2
4
Exit y (success)

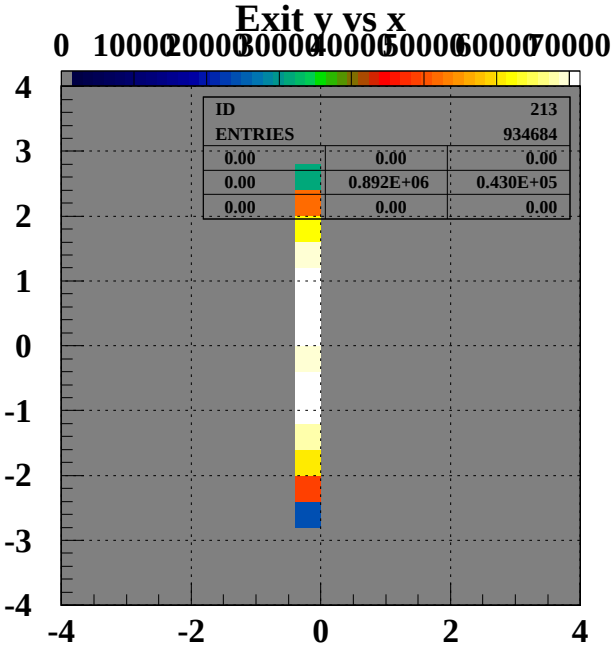

x 10 2
ID 233
Entries 845264
Mean 0.4697E-03
RMS 0.7979E-02
UDFLW 0.000
OVFLW 0.000
ALLCHAN 0.8453E+06
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
-4
-2
0
2
4
Exit z (success)



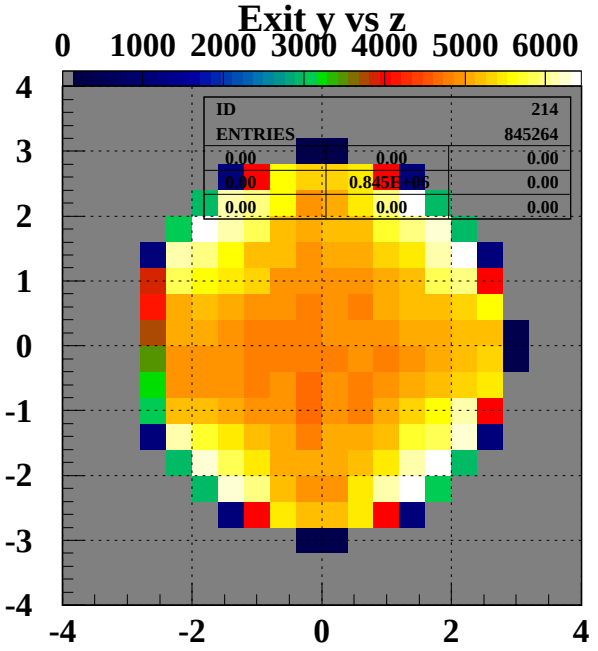
Exit y vs x



Exit y vs z



Exit x vs z



Exit y vs x (success)