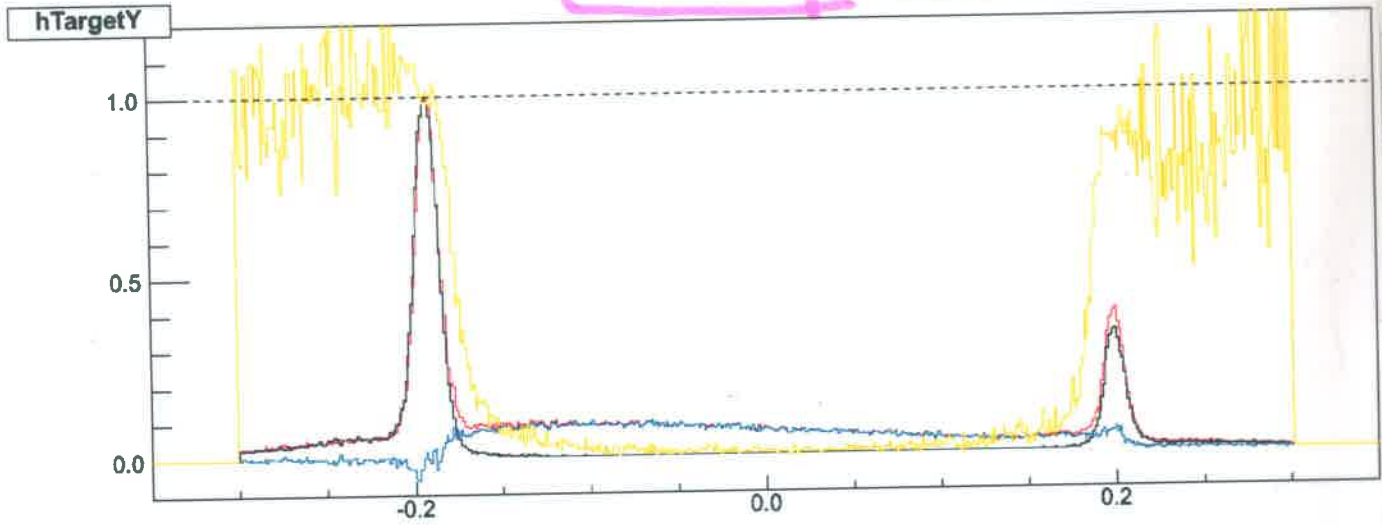
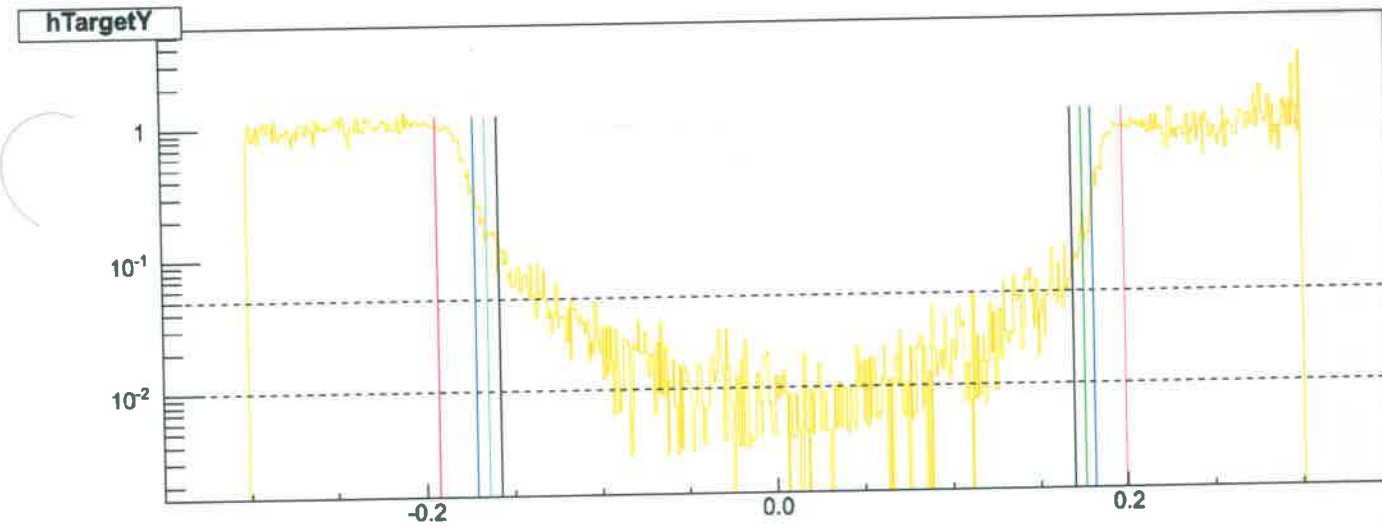


^3He Run
3584

Empty Cell Run
3585



h_{Tg}
1000



500

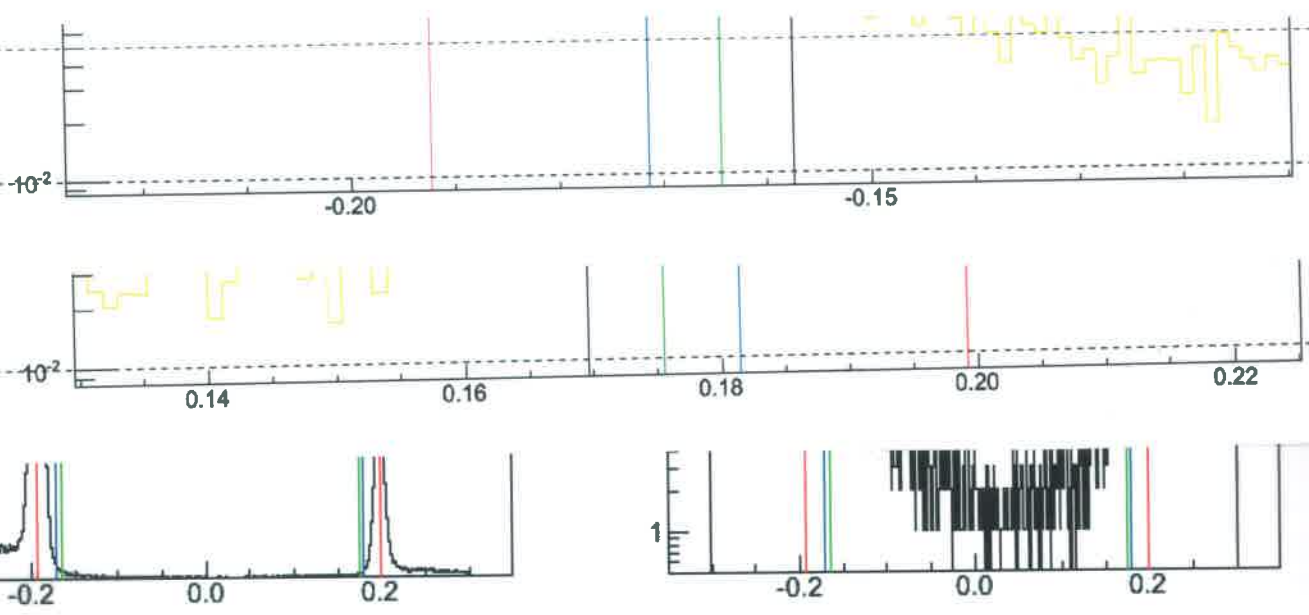
h_{Ta}

3000

2000

1000

0



Energy Cell Analysis
 (This table with proper notes)

left V

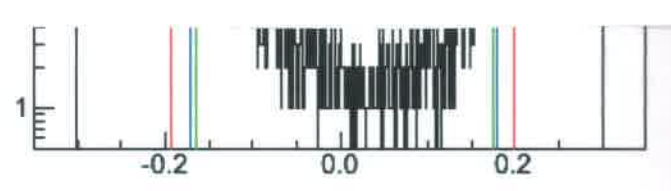
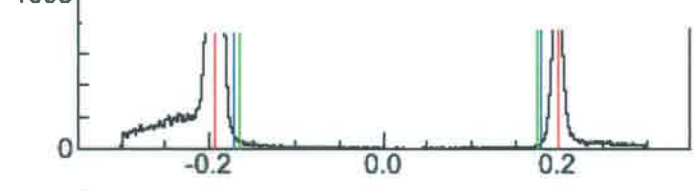
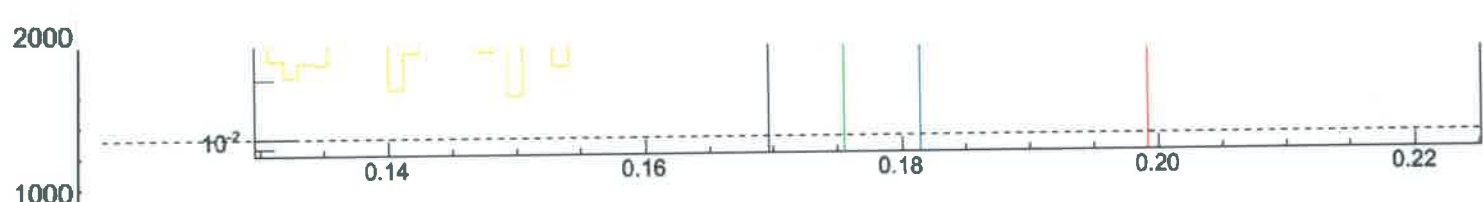
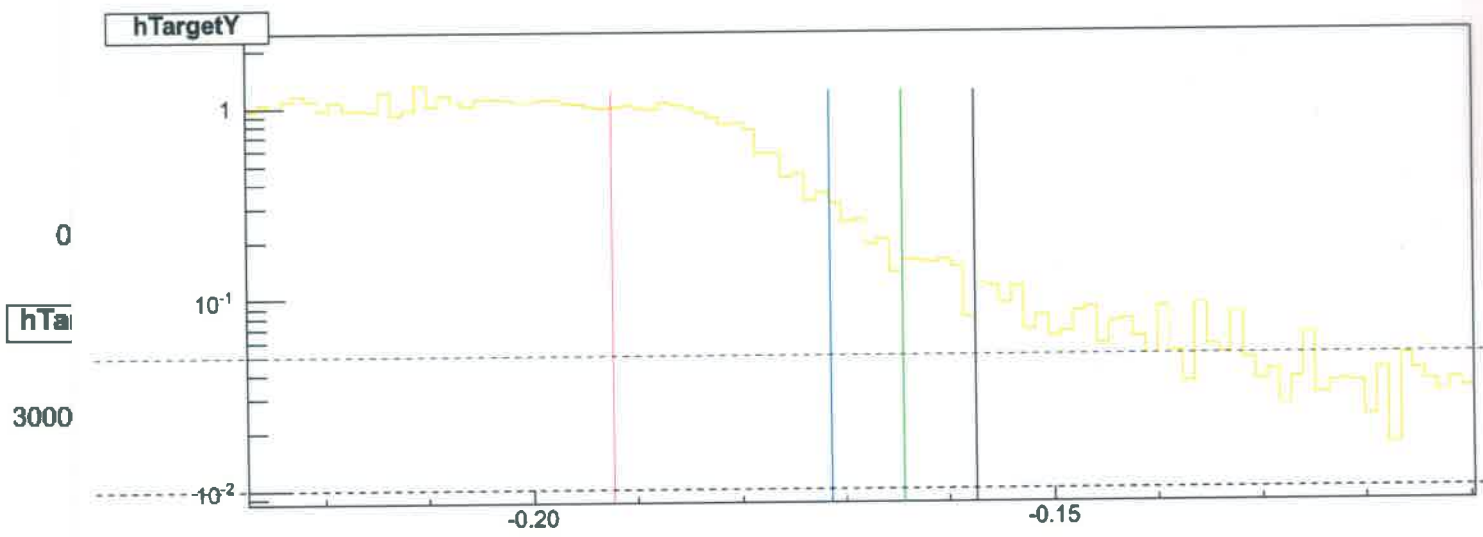
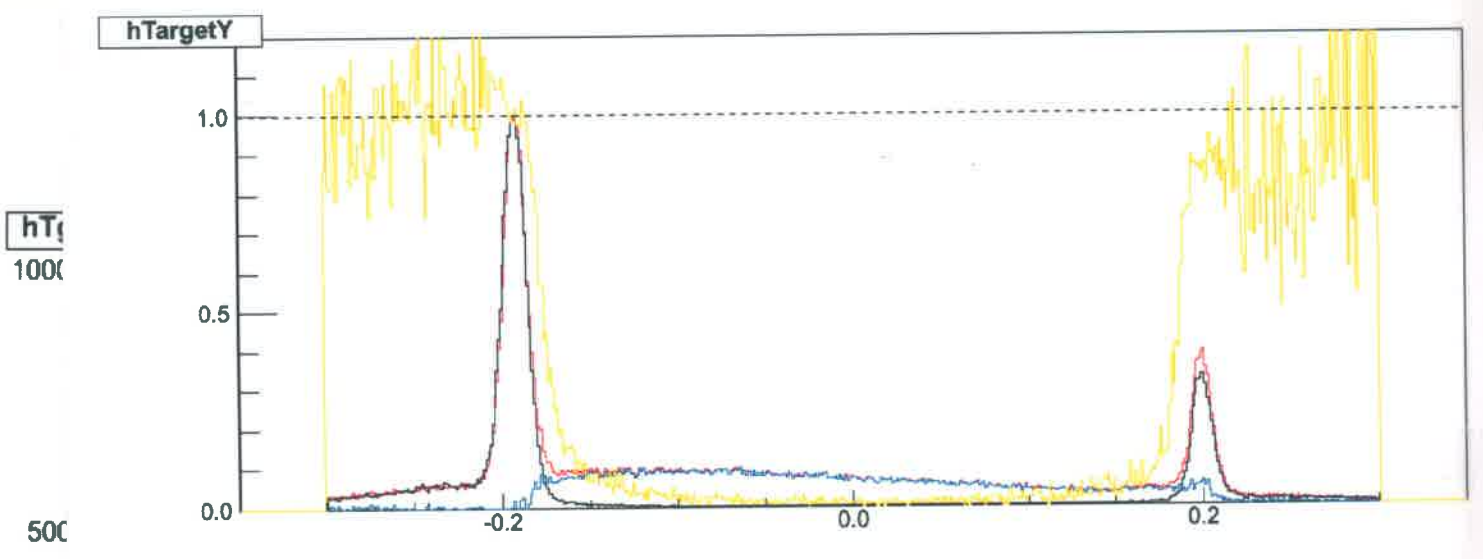
left Y

M

0.00415

0.1814

348



Empty Cell Analysis
 (This three with proper notation)

FD left

Y left

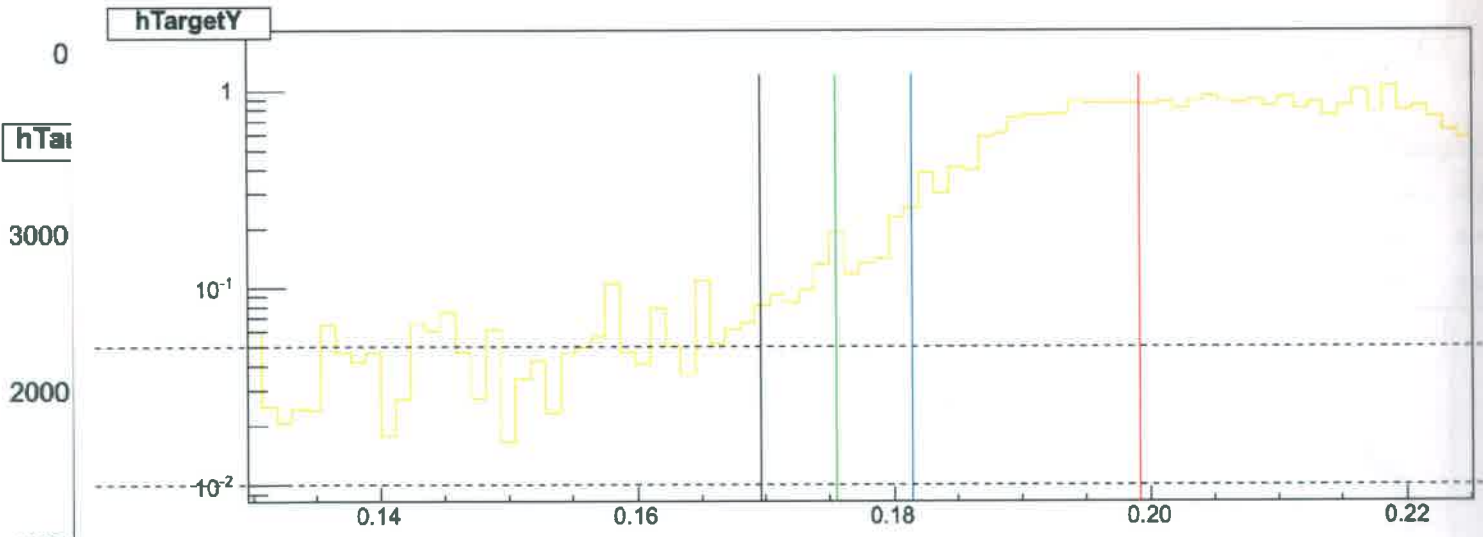
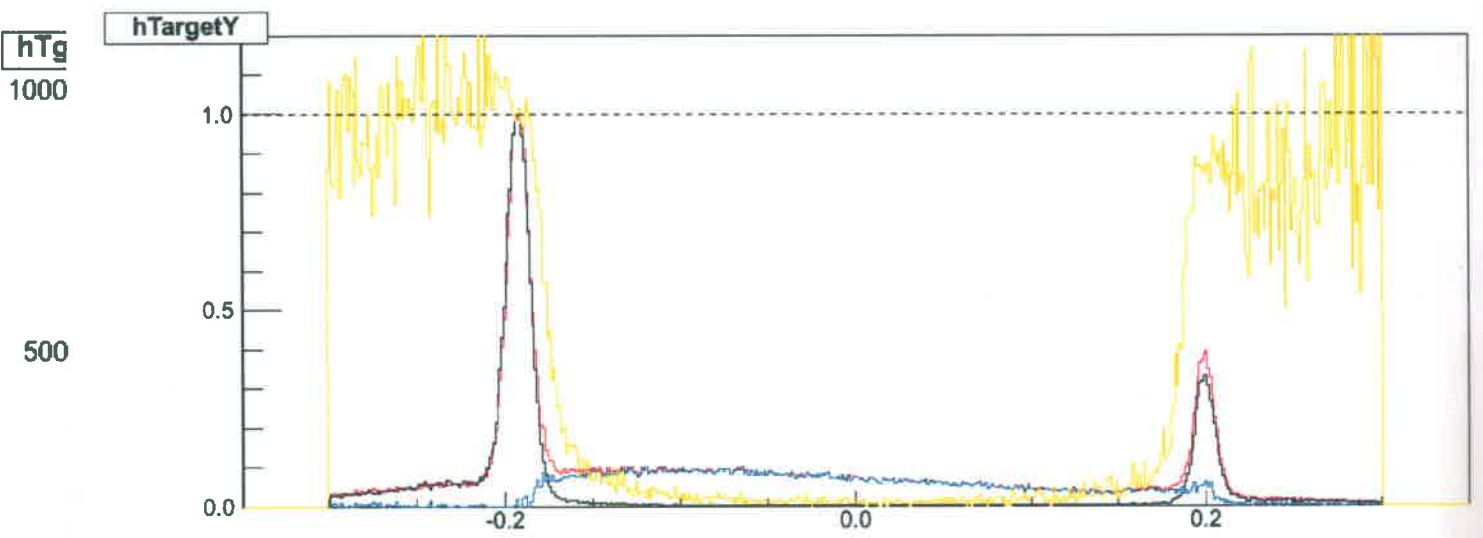
M

551400.0

1181.0 -

3848 #

3585

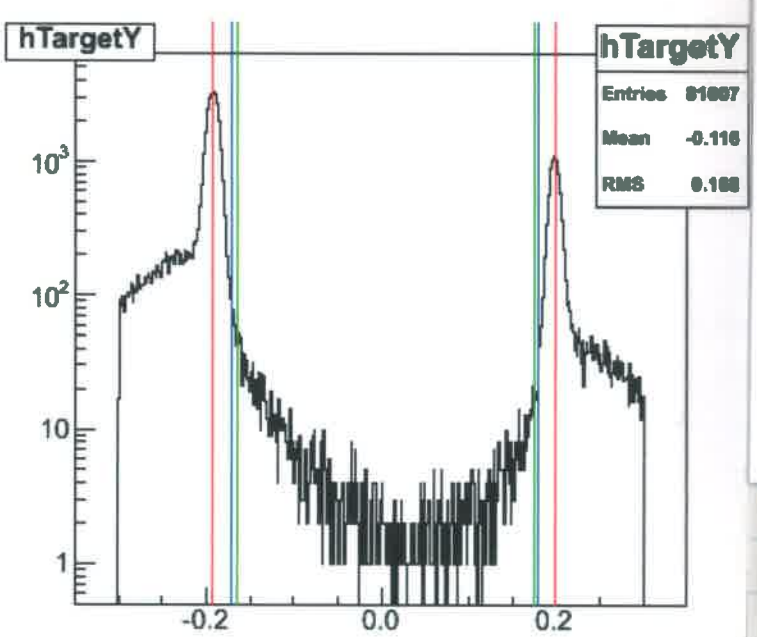
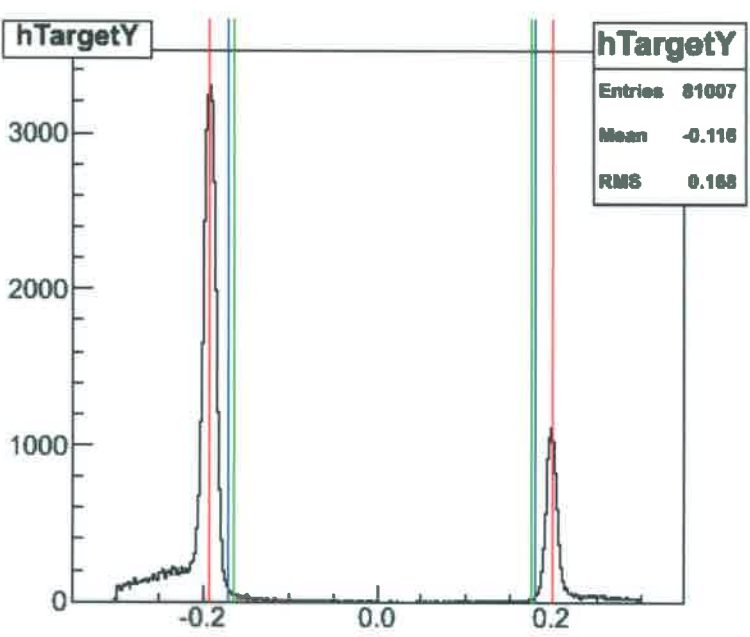
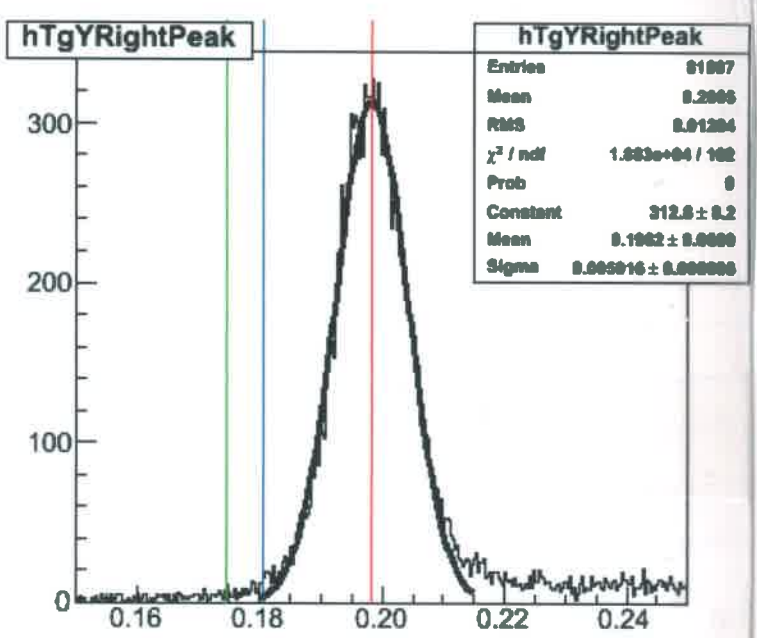
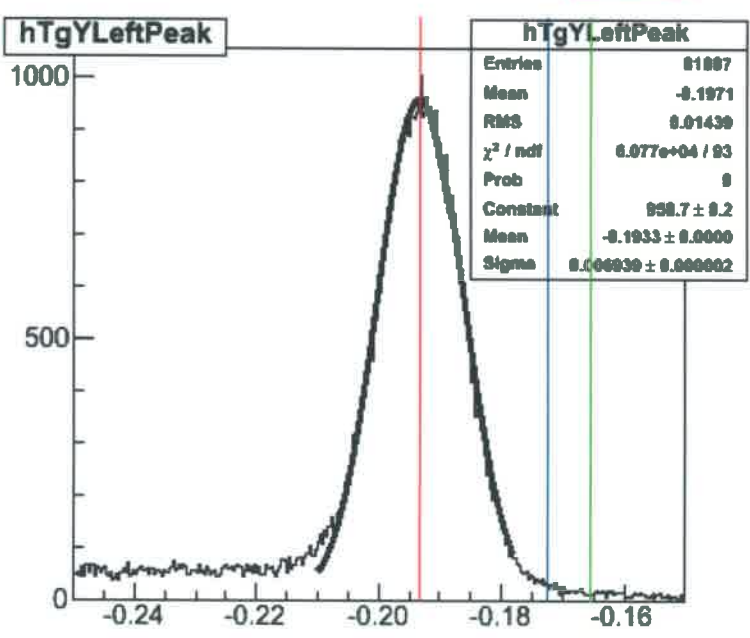


Empty Cell Analysis
(This time with proper center)

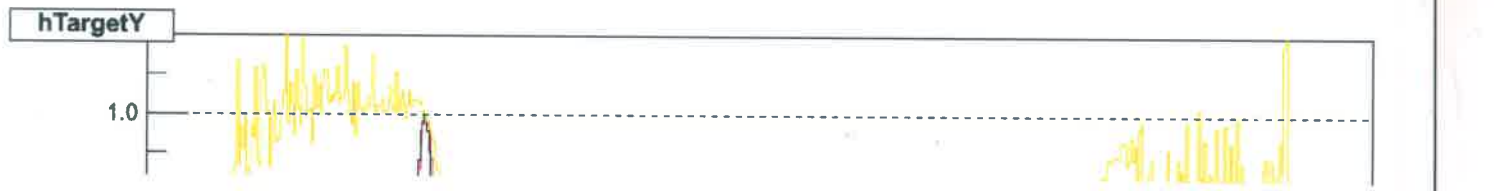
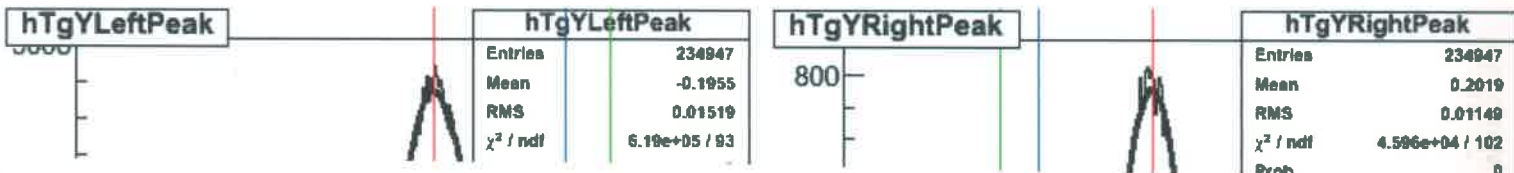
FD H₀₁
541400.0

Y H₀₁ M
M181.0 - J048 #

3585

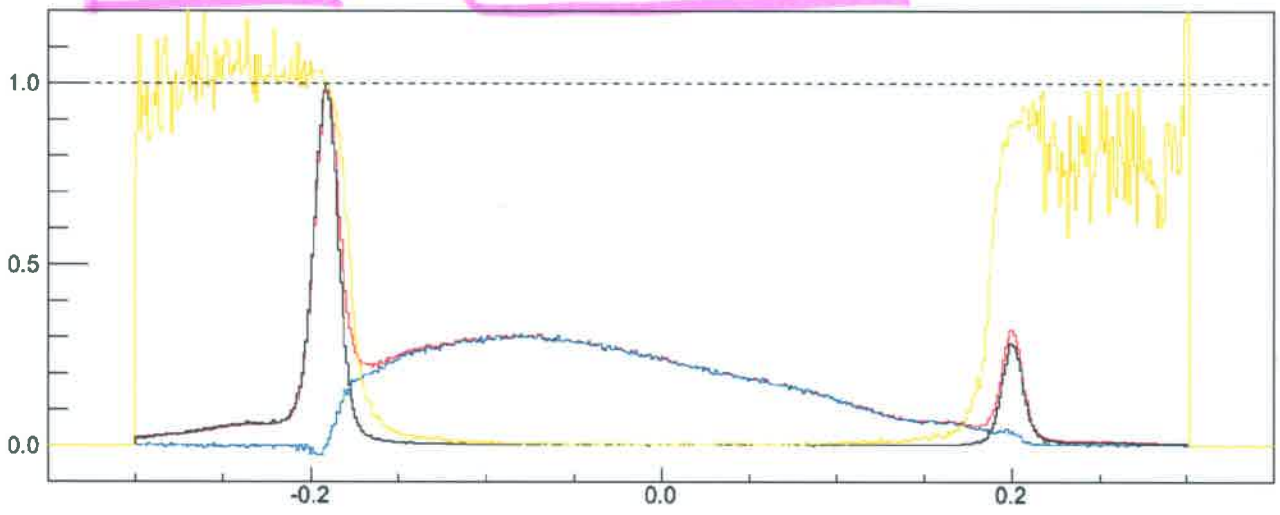


3496

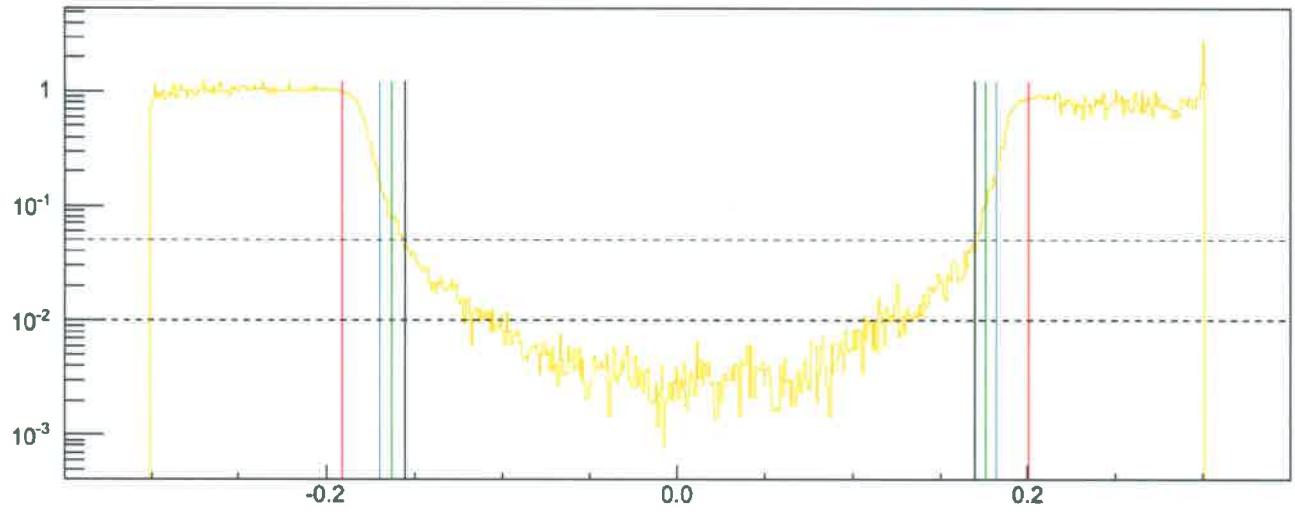


³He Run
3498

Empty Cell Run
3496



rgetY
234947
-0.1245
0.1594



3496

hTgYLeftPeak

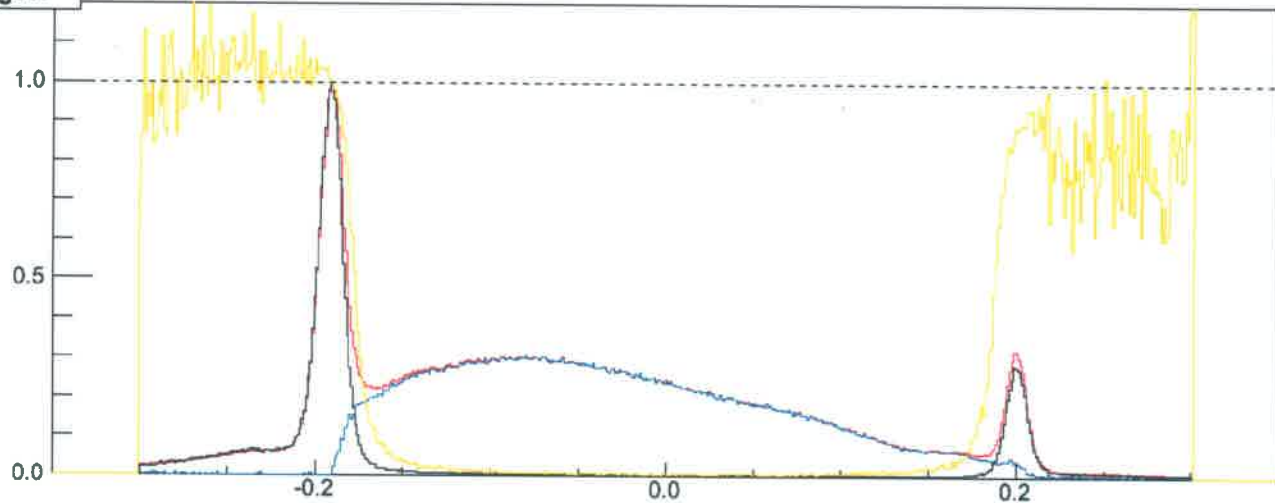
hTgYLeftPeak	
Entries	234947
Mean	-0.1955
RMS	0.01519
χ^2 / ndf	6.19e+05 / 93

hTgYRightPeak

hTgYRightPeak	
Entries	234947
Mean	0.2019
RMS	0.01149
χ^2 / ndf	4.596e+04 / 102
Prob	0

hTargetY

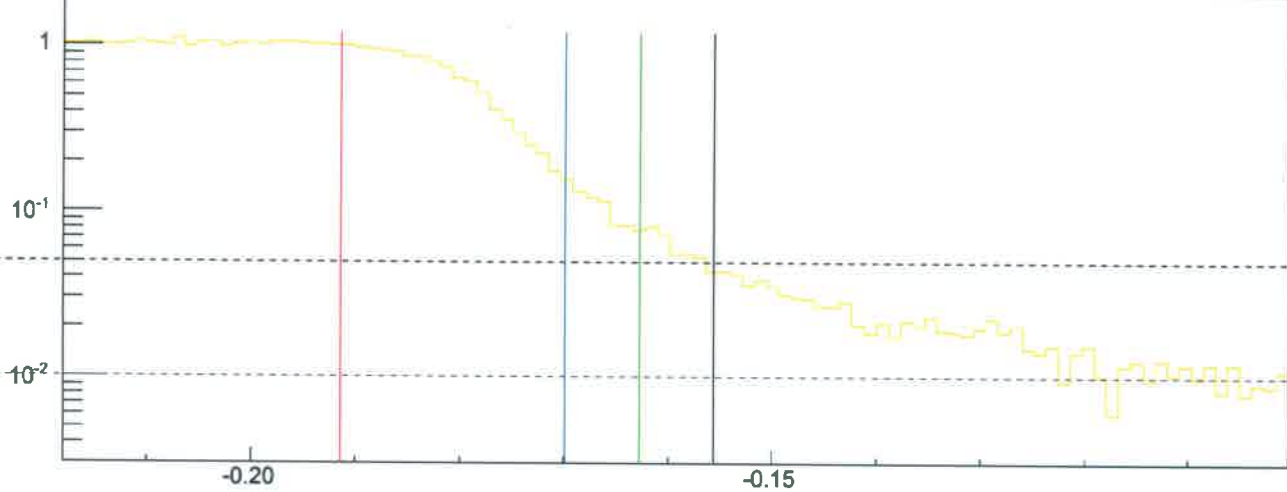
hTargetY



70.9 ± 0.2
3 ± 0.0000
0.000002

rgetY
n 234947
-0.1245
0.1594

hTargetY



3496

hTgYLeftPeak



hTgYLeftPeak

Entries	234947
Mean	-0.1955
RMS	0.01519
χ^2 / ndf	6.19e+05 / 83

hTgYRightPeak

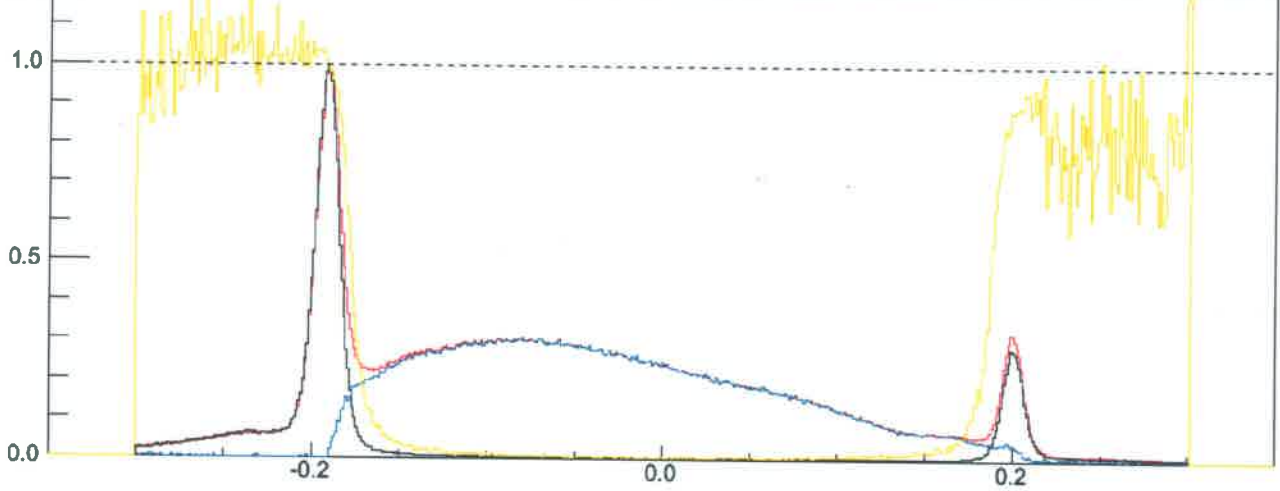


hTgYRightPeak

Entries	234947
Mean	0.2019
RMS	0.01140
χ^2 / ndf	4.596e+04 / 102
Prob	0

78.9 ± 0.2
3 ± 0.0000
0.000002

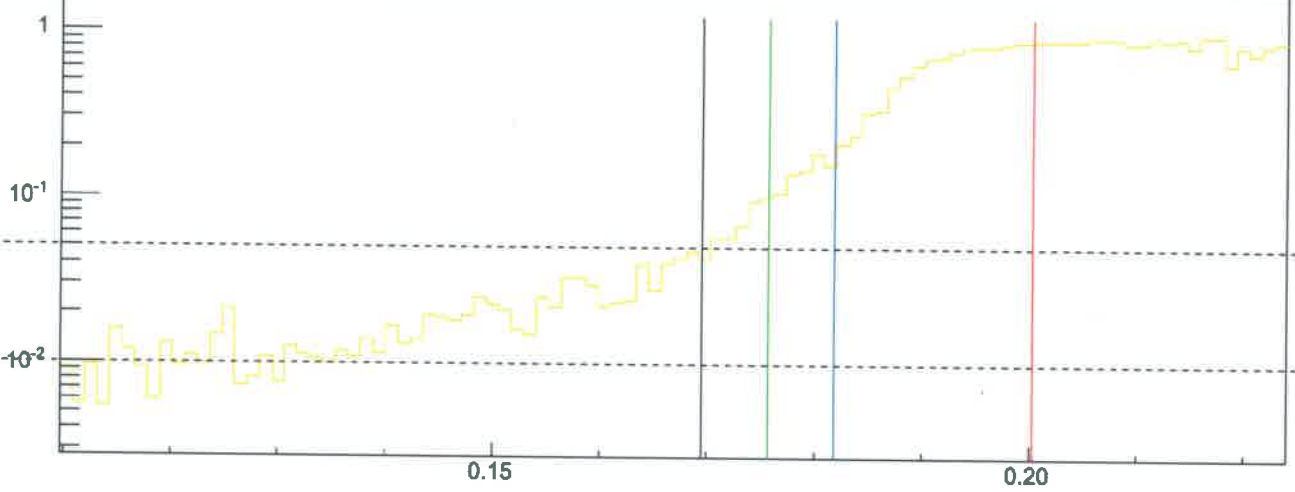
hTargetY



irgetY

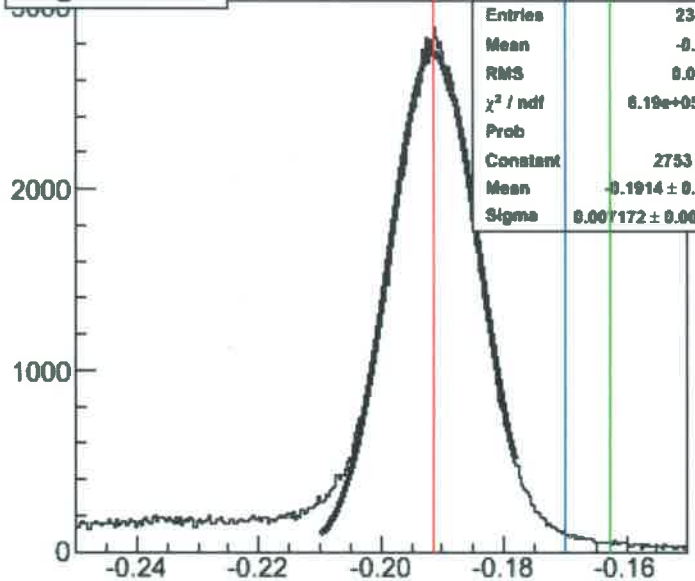
ns	234947
l	-0.1245
	0.1594

hTargetY



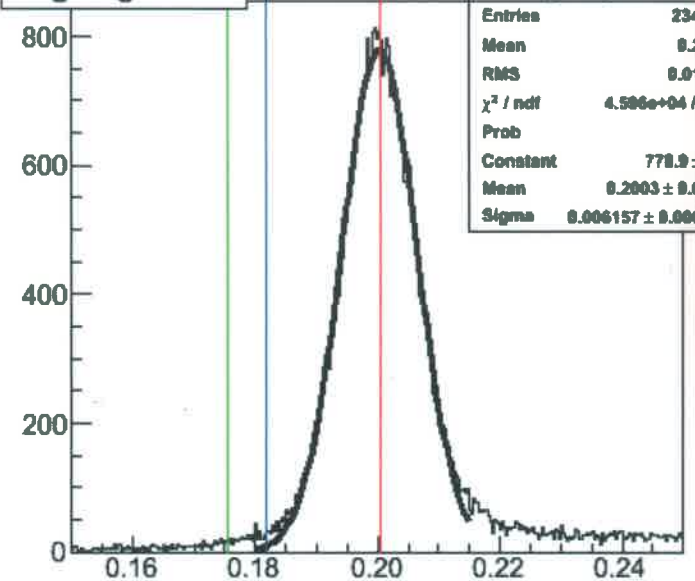
3496

hTgYLeftPeak



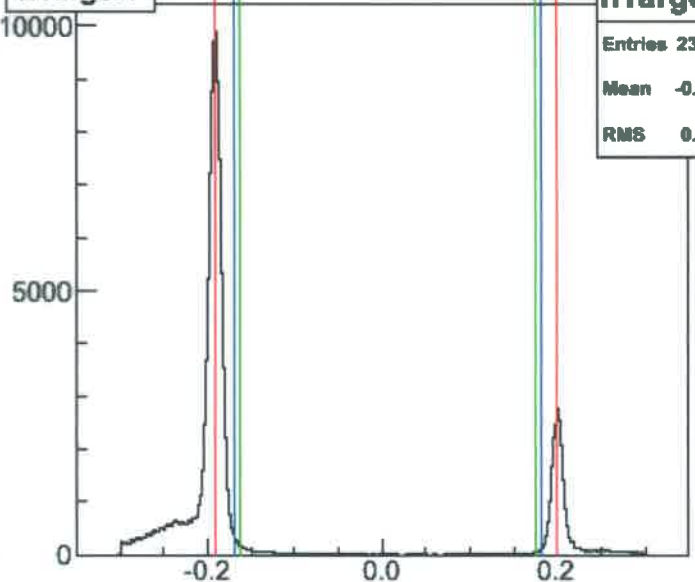
hTgYLeftPeak	
Entries	234947
Mean	-0.1955
RMS	0.01519
χ^2 / ndf	6.19e+05 / 93
Prob	0
Constant	2753 ± 0.2
Mean	-0.1914 ± 0.0000
Sigma	0.007172 ± 0.000001

hTgYRightPeak



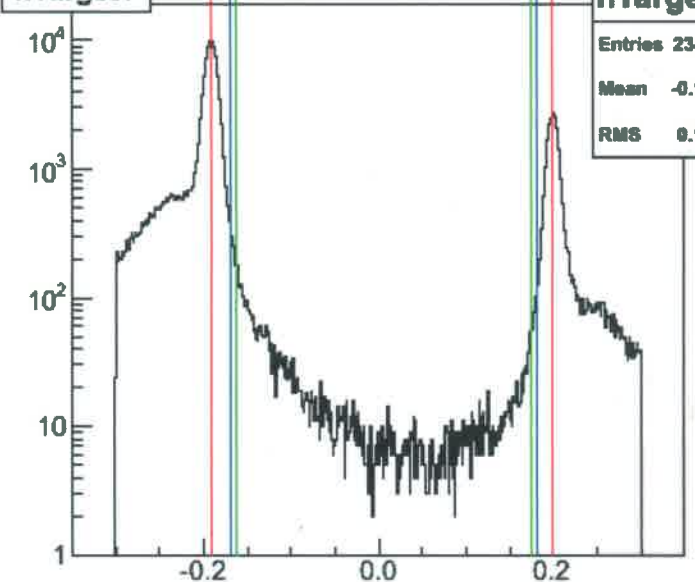
hTgYRightPeak	
Entries	234947
Mean	0.2019
RMS	0.01149
χ^2 / ndf	4.586e+04 / 102
Prob	0
Constant	770.9 ± 0.2
Mean	0.2003 ± 0.0000
Sigma	0.006157 ± 0.000002

hTargetY



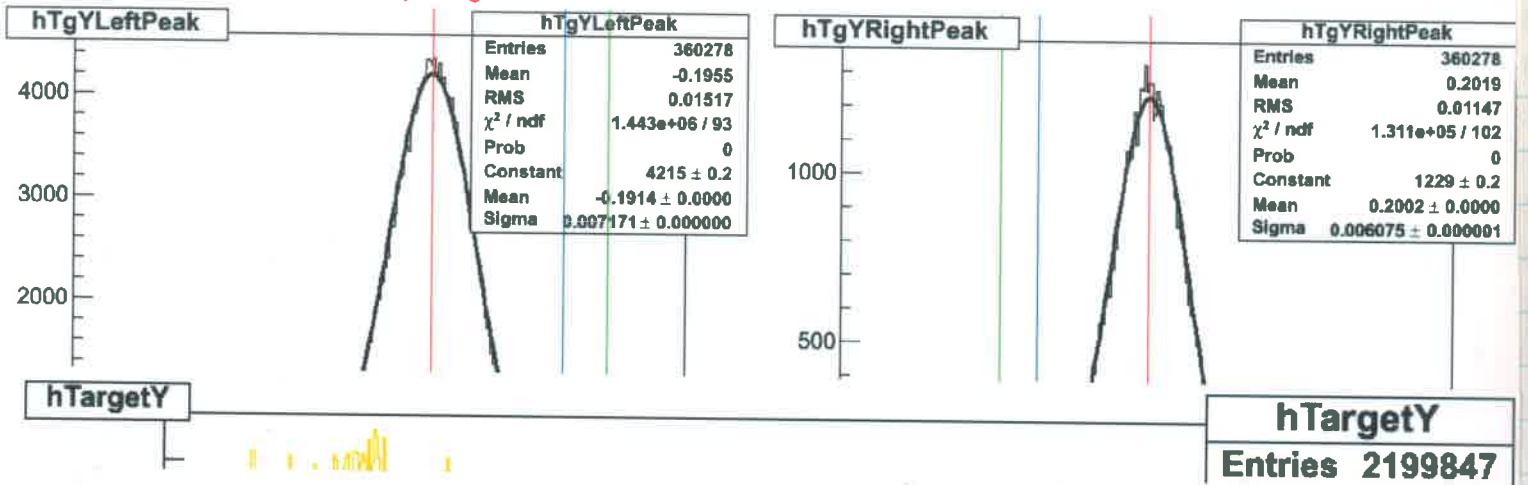
hTargetY	
Entries	234947
Mean	-0.1245
RMS	0.1594

hTargetY



hTargetY	
Entries	234947
Mean	-0.1245
RMS	0.1594

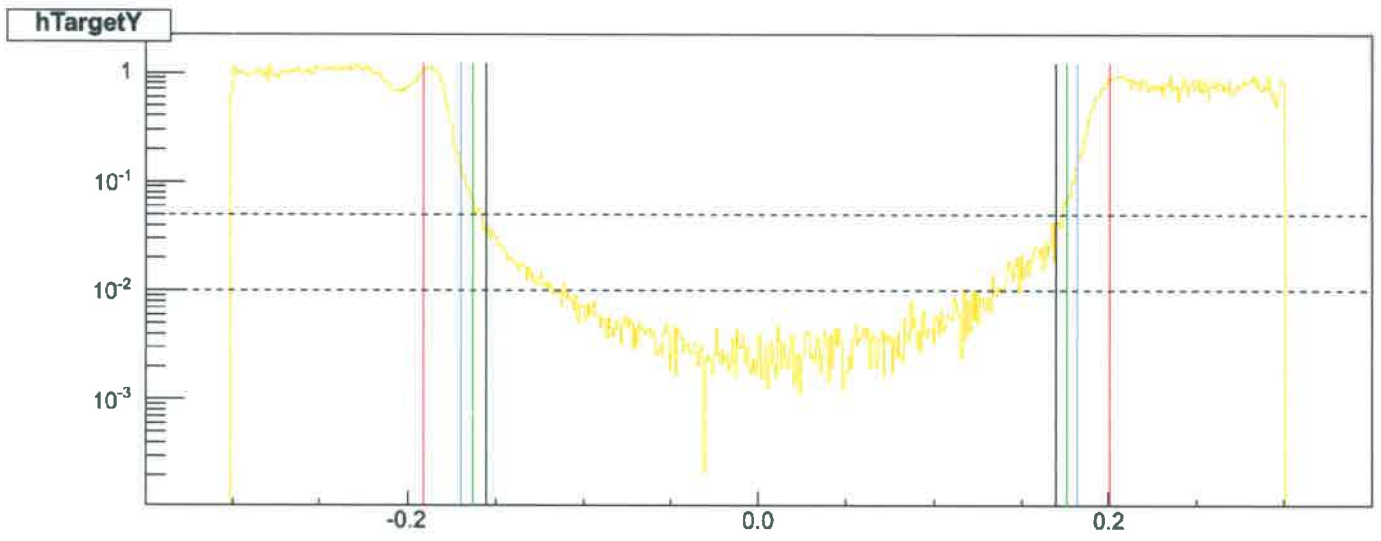
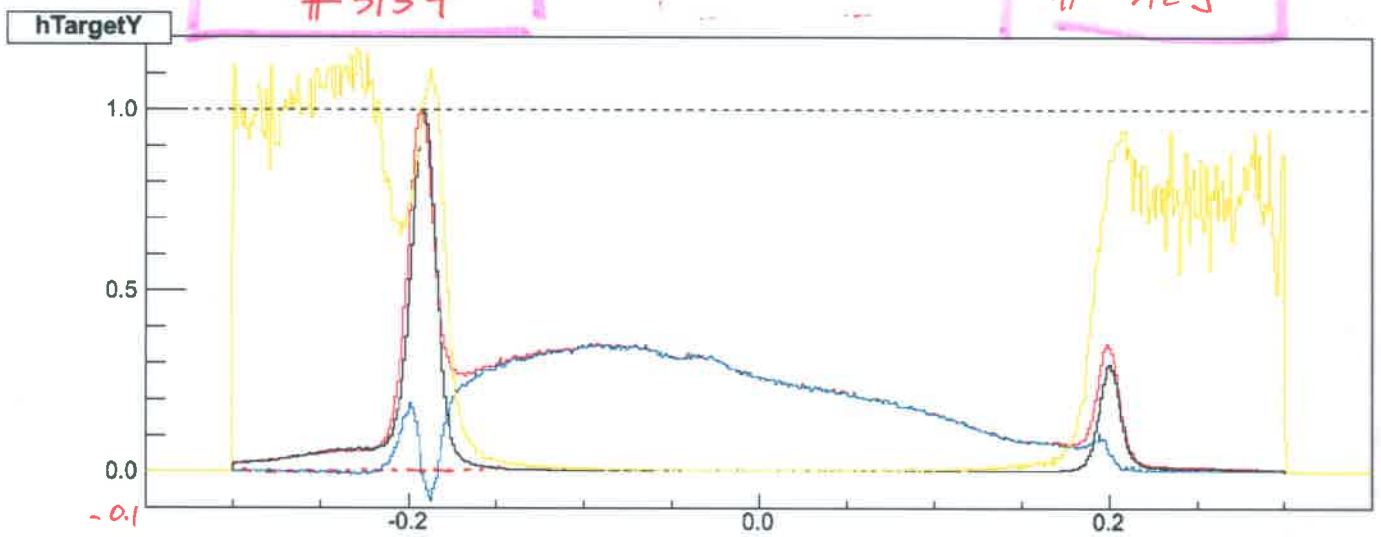
Empty cell run # 3154



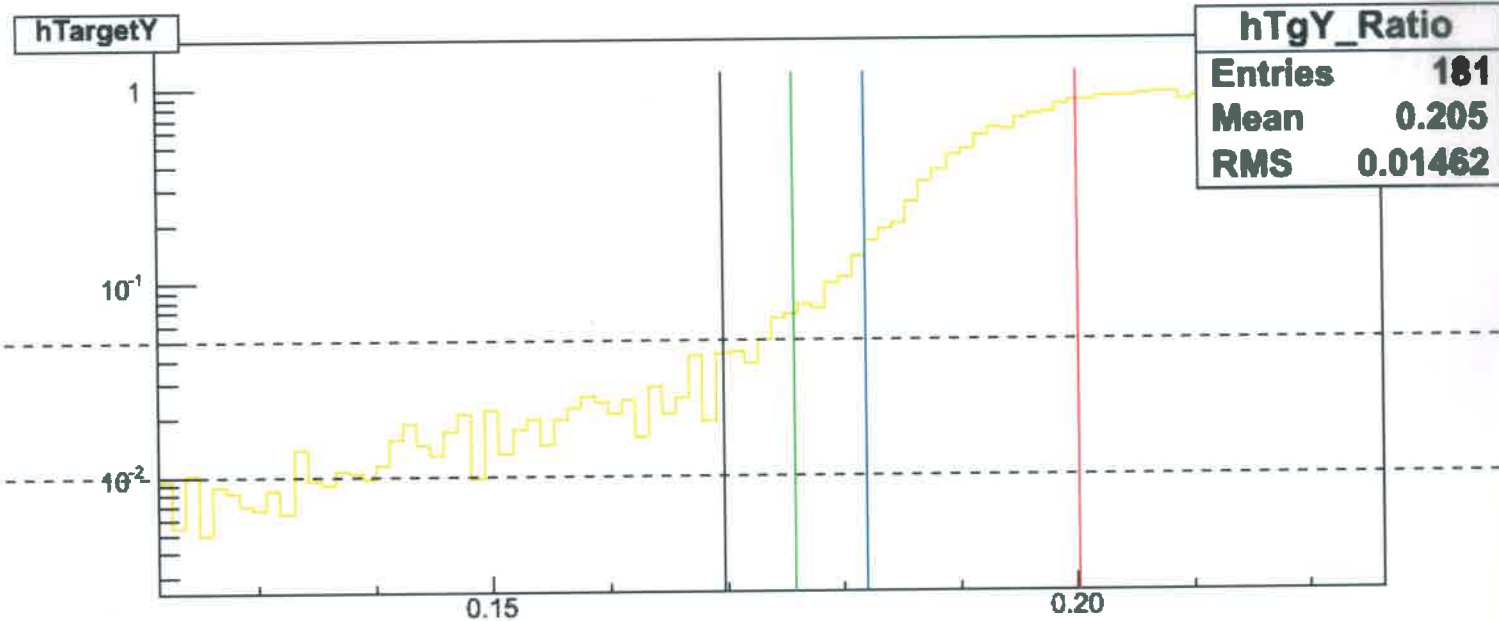
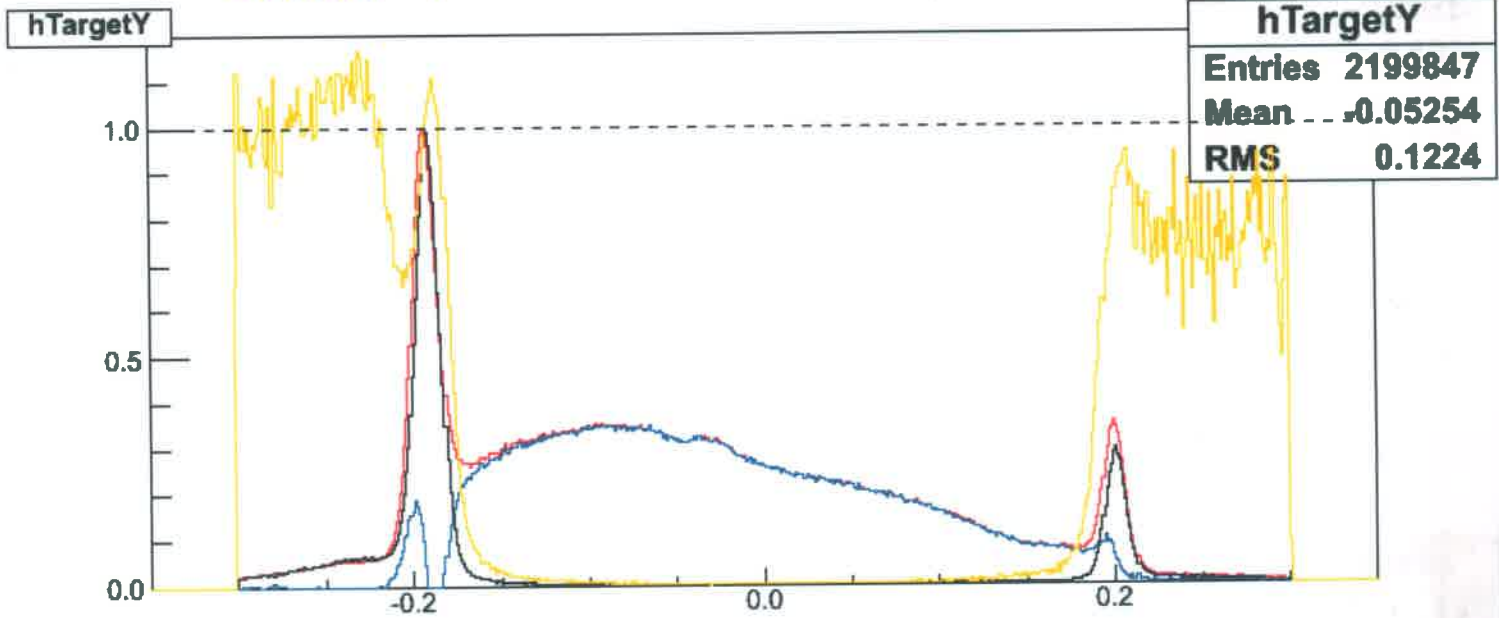
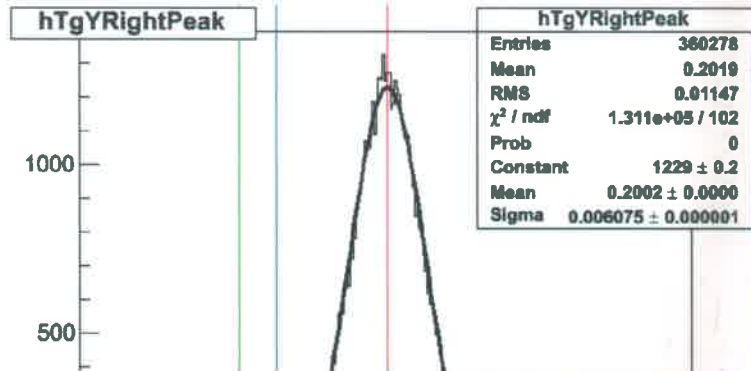
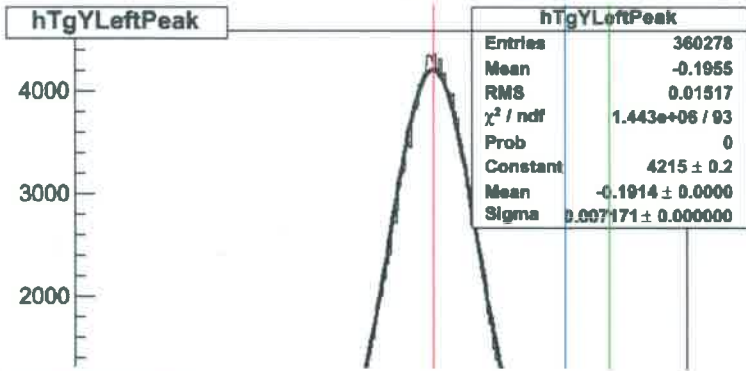
25 run Difference

Empty Cell
3154

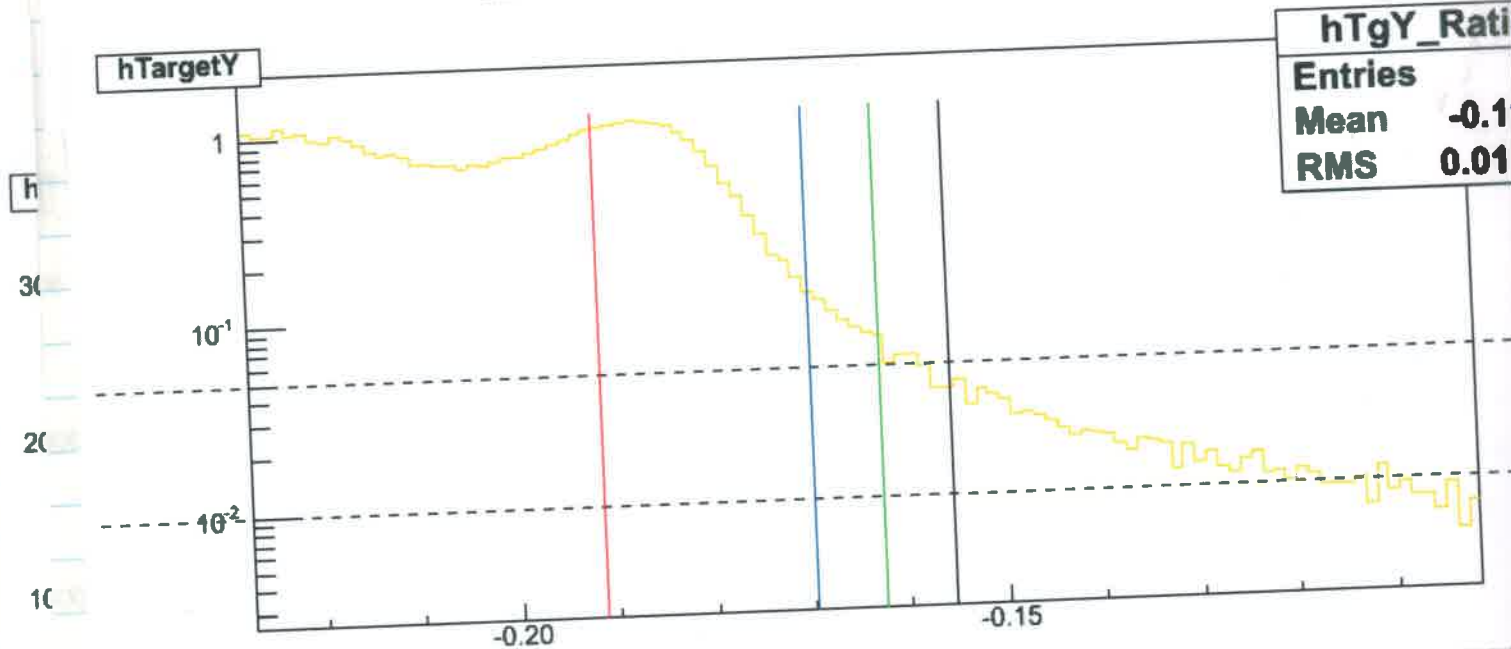
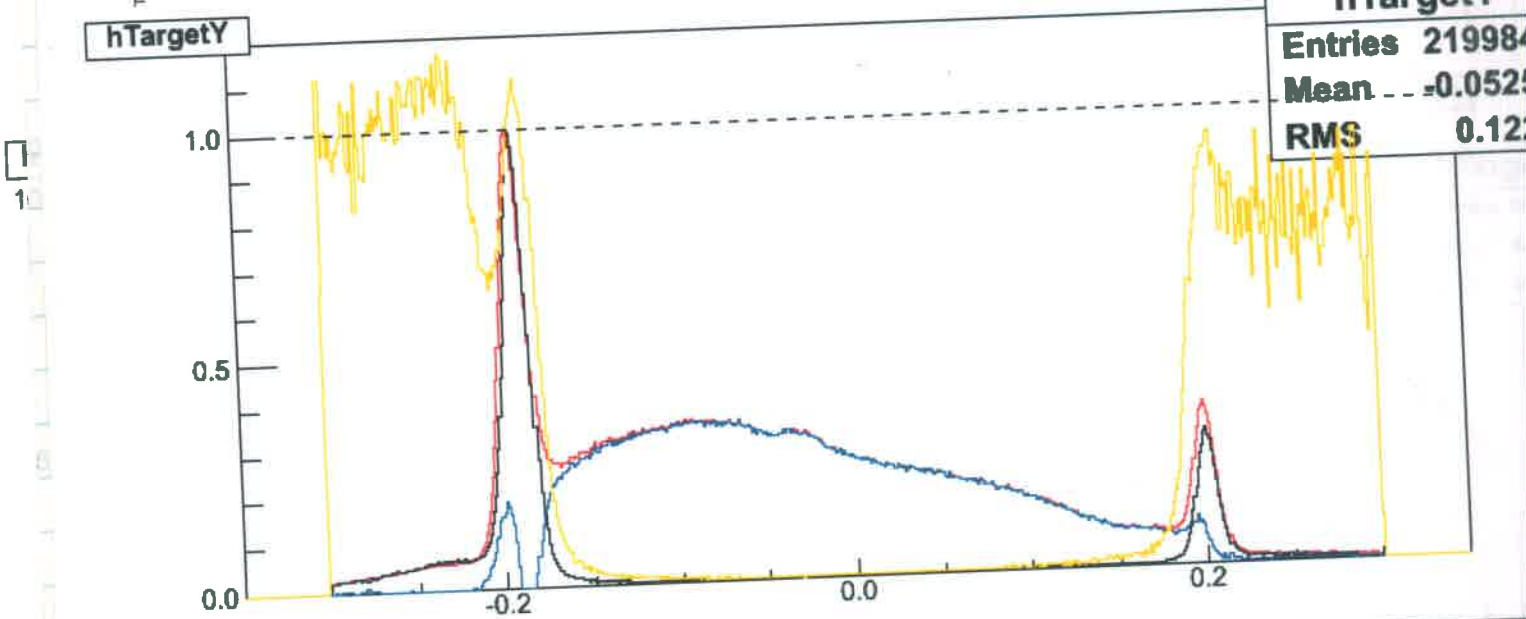
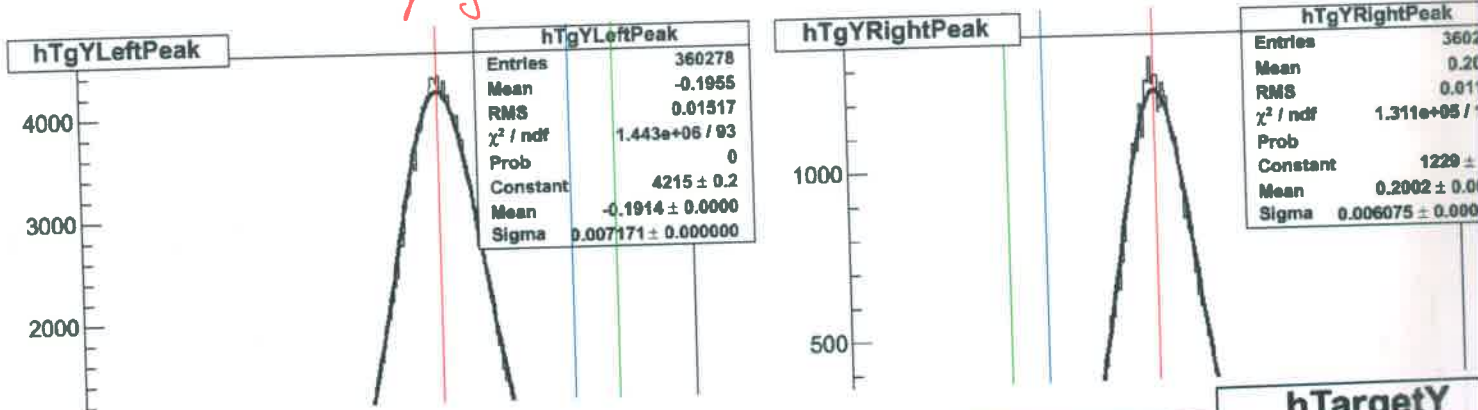
³He Run
3129



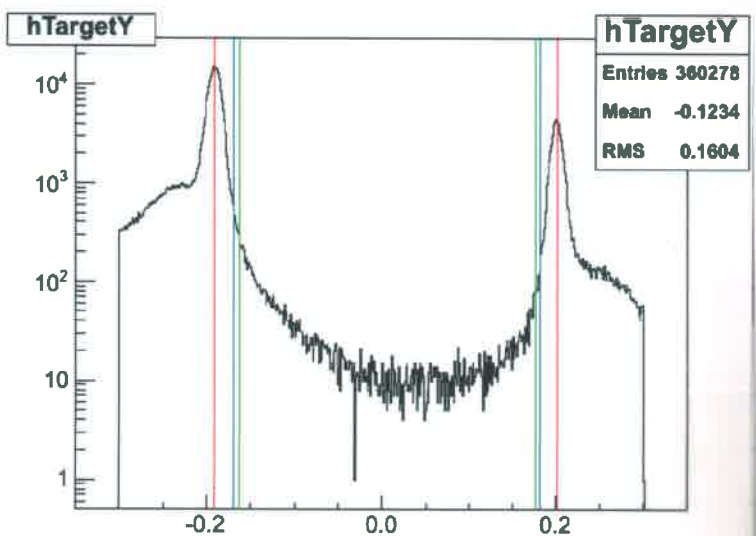
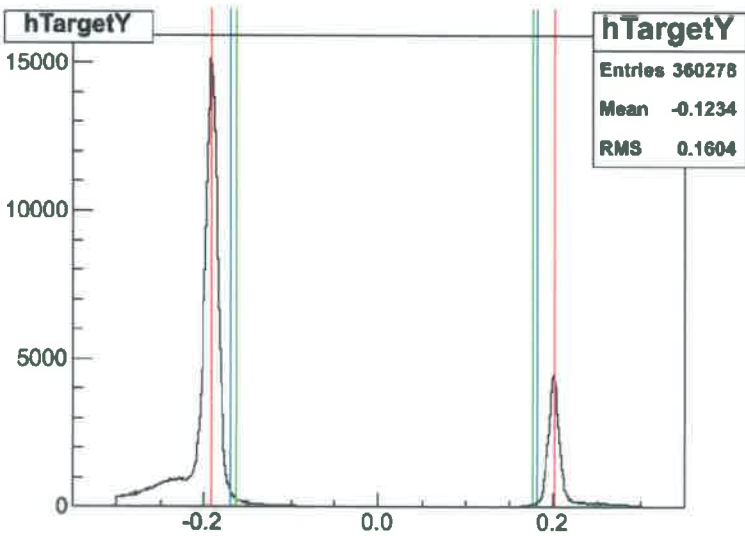
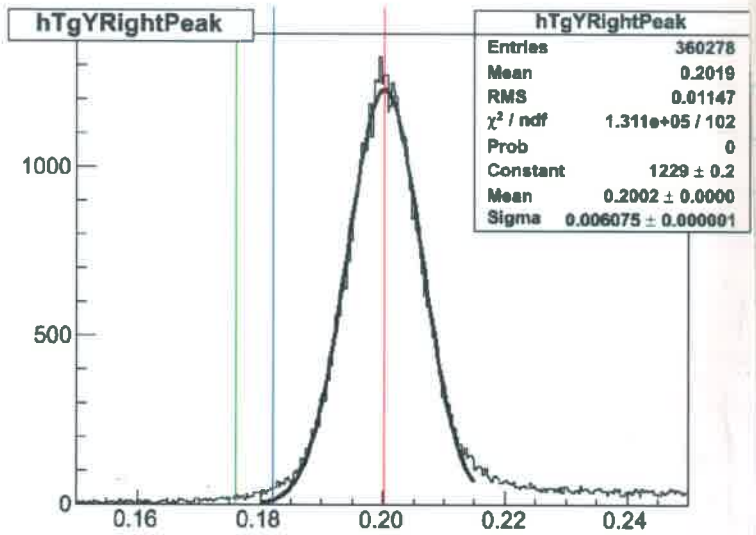
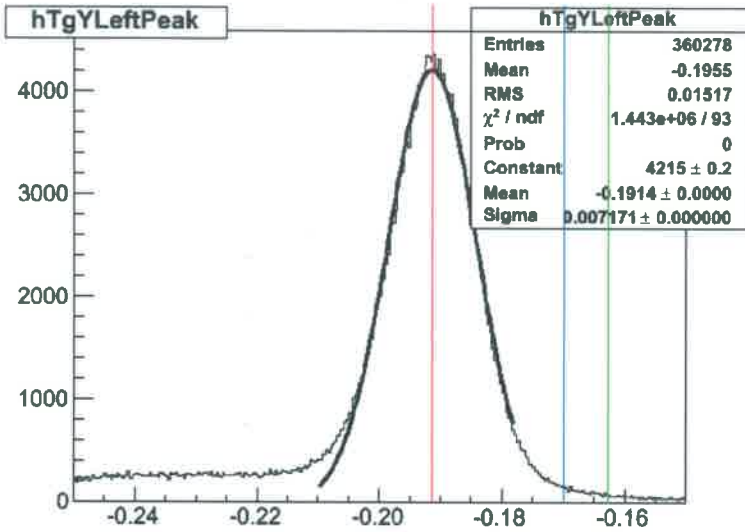
Empty cell run # 3154



Empty cell run #3154



Empty cell run # 3154



Empty Cell Analysis (This done with proper roster)

n	Left \bar{y}	Left σ_y
# 3496	-0.1914	0.007172
# 3585	-0.1933	0.006939
# 3154	-0.1914	0.007171
<...>	-0.1920	0.0071

Lower Boundary: $LB = -0.192 + 5 \cdot 0.0071 = -0.157$

n	Right \bar{y}	Right σ_y
# 3154	0.2002	0.006075
# 3585	0.1982	0.005916
# 3496	0.2003	0.006157
<...>	0.1996	0.00605

Upper Boundary: $UB = 0.1996 - 5 \cdot 0.00605 = 0.1694$

$-0.157 \leq \text{React } z \leq 0.1694$