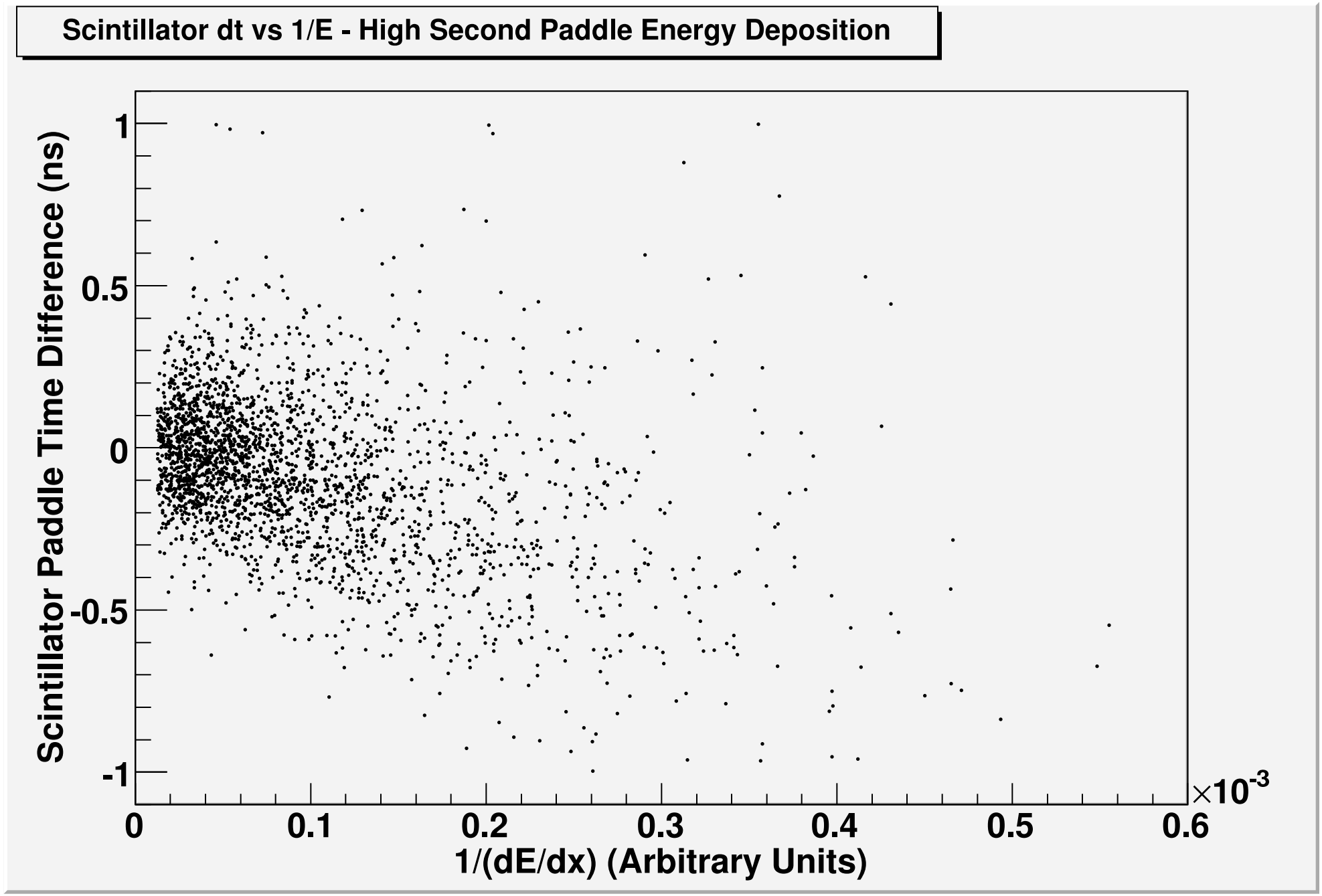
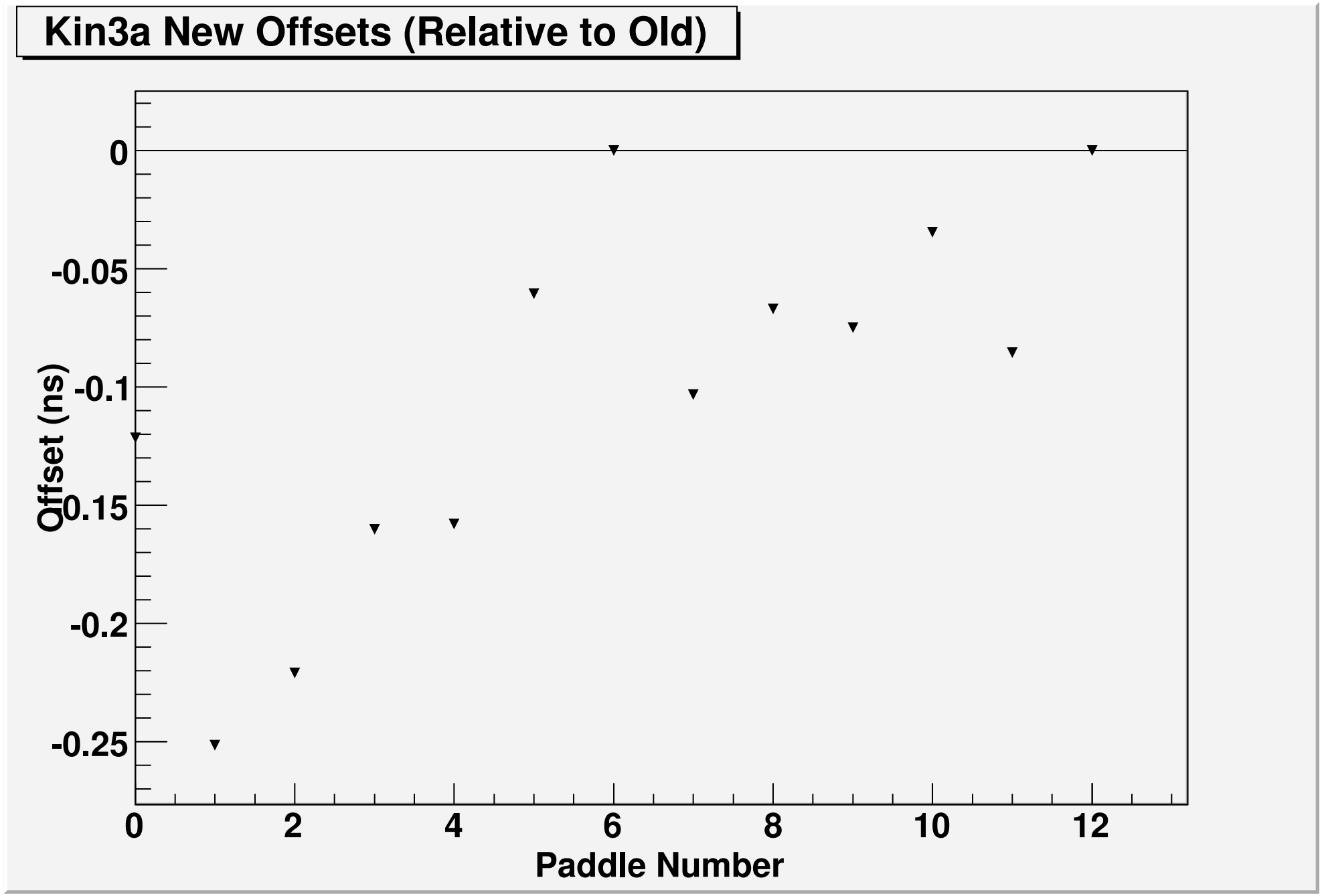
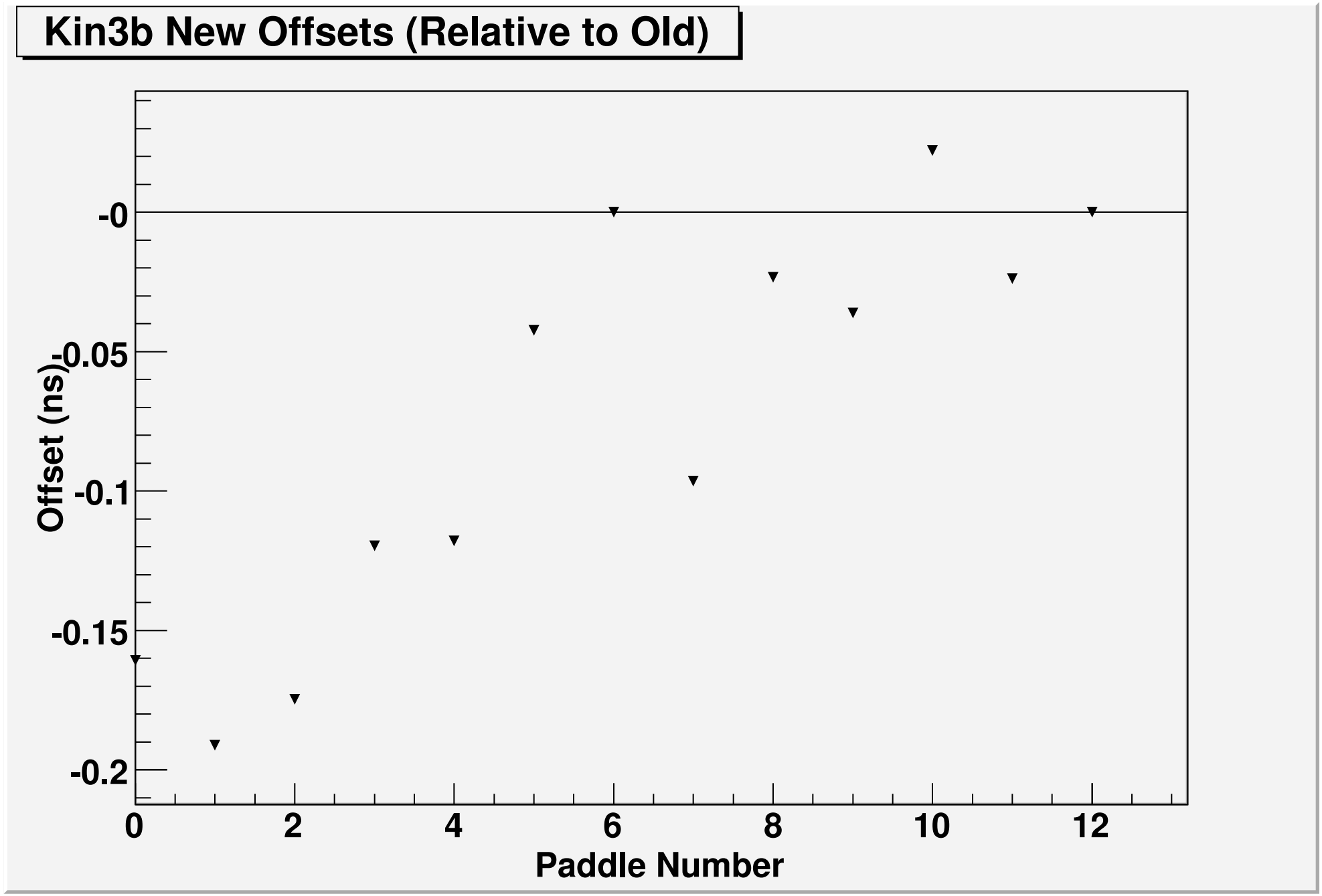
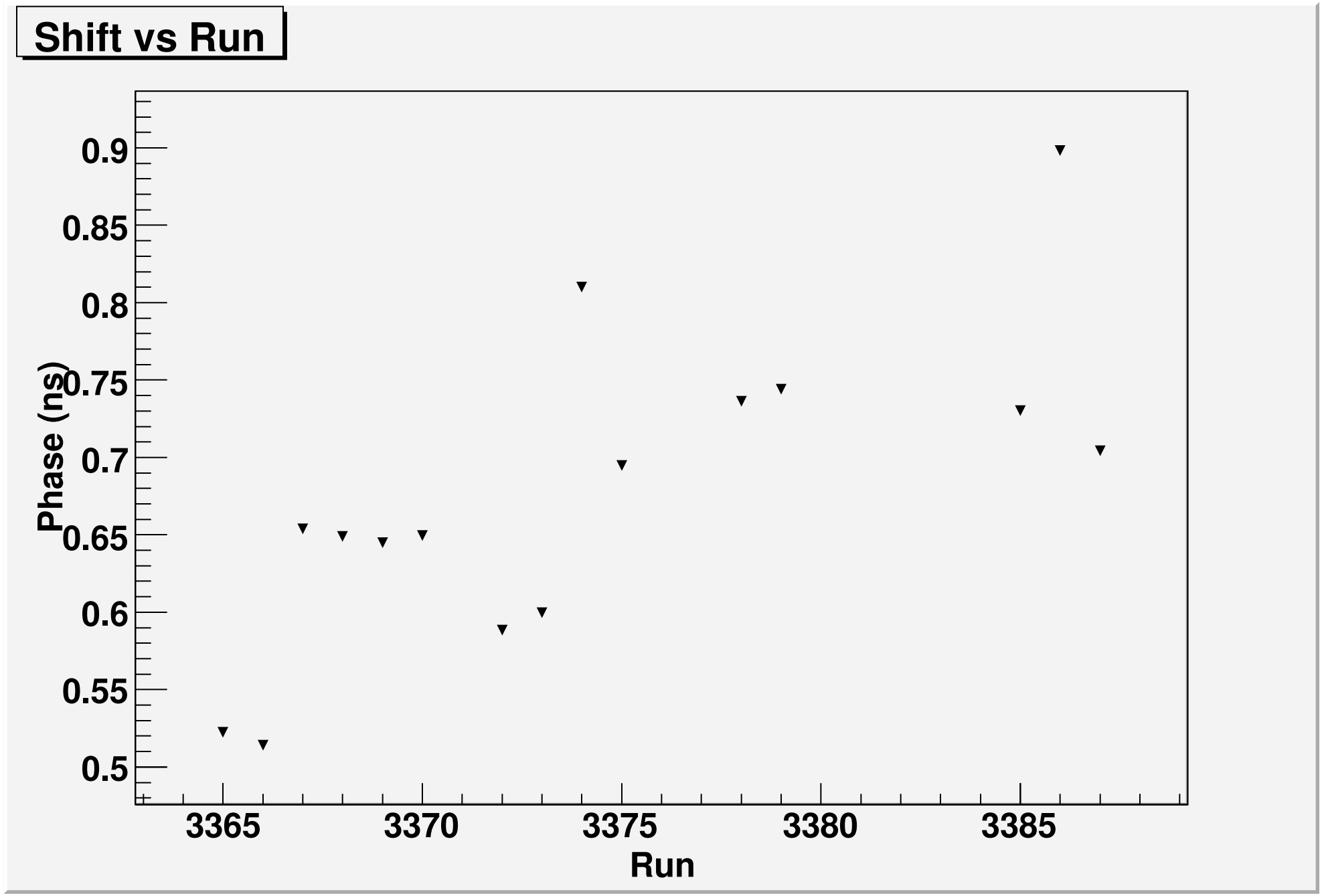
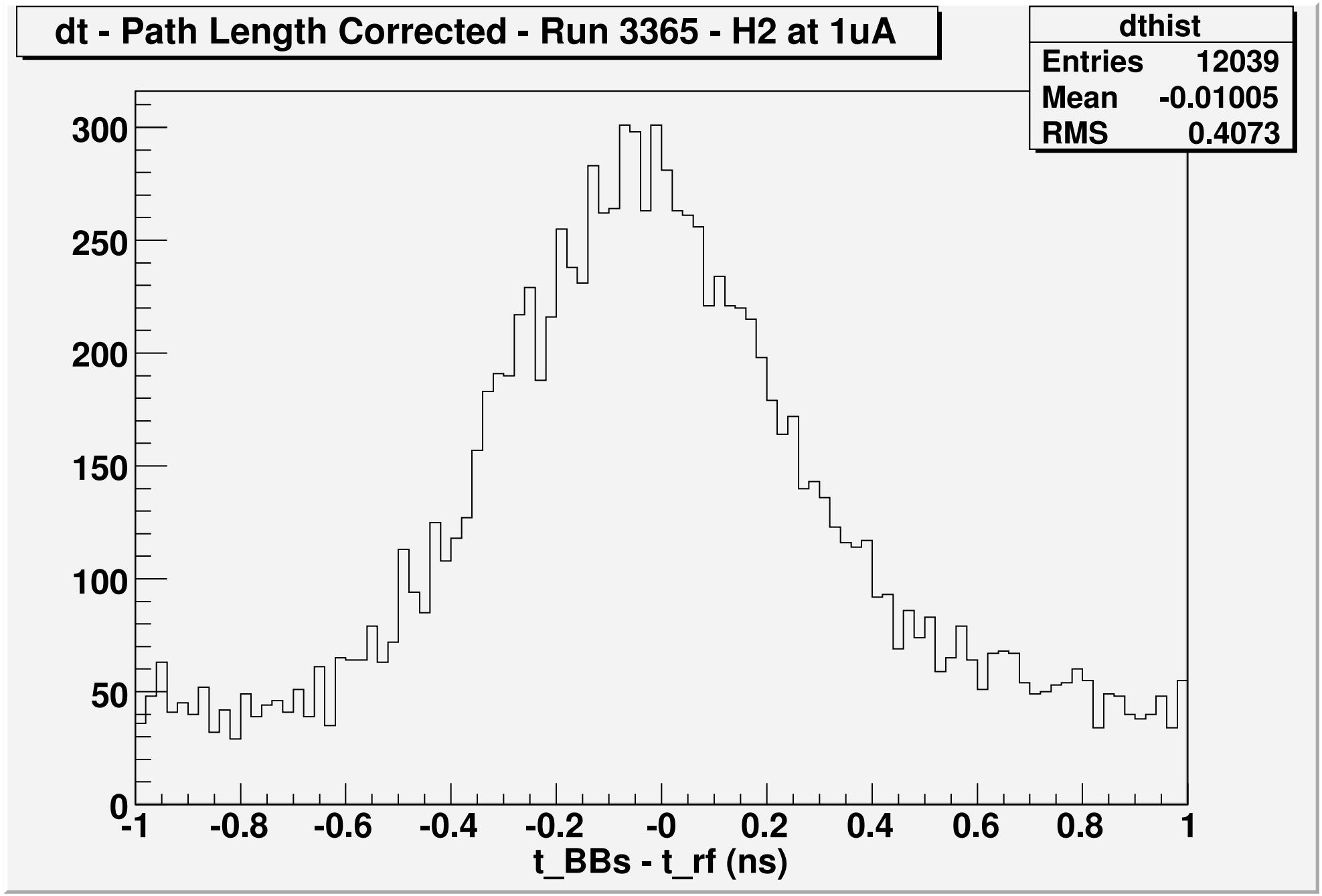
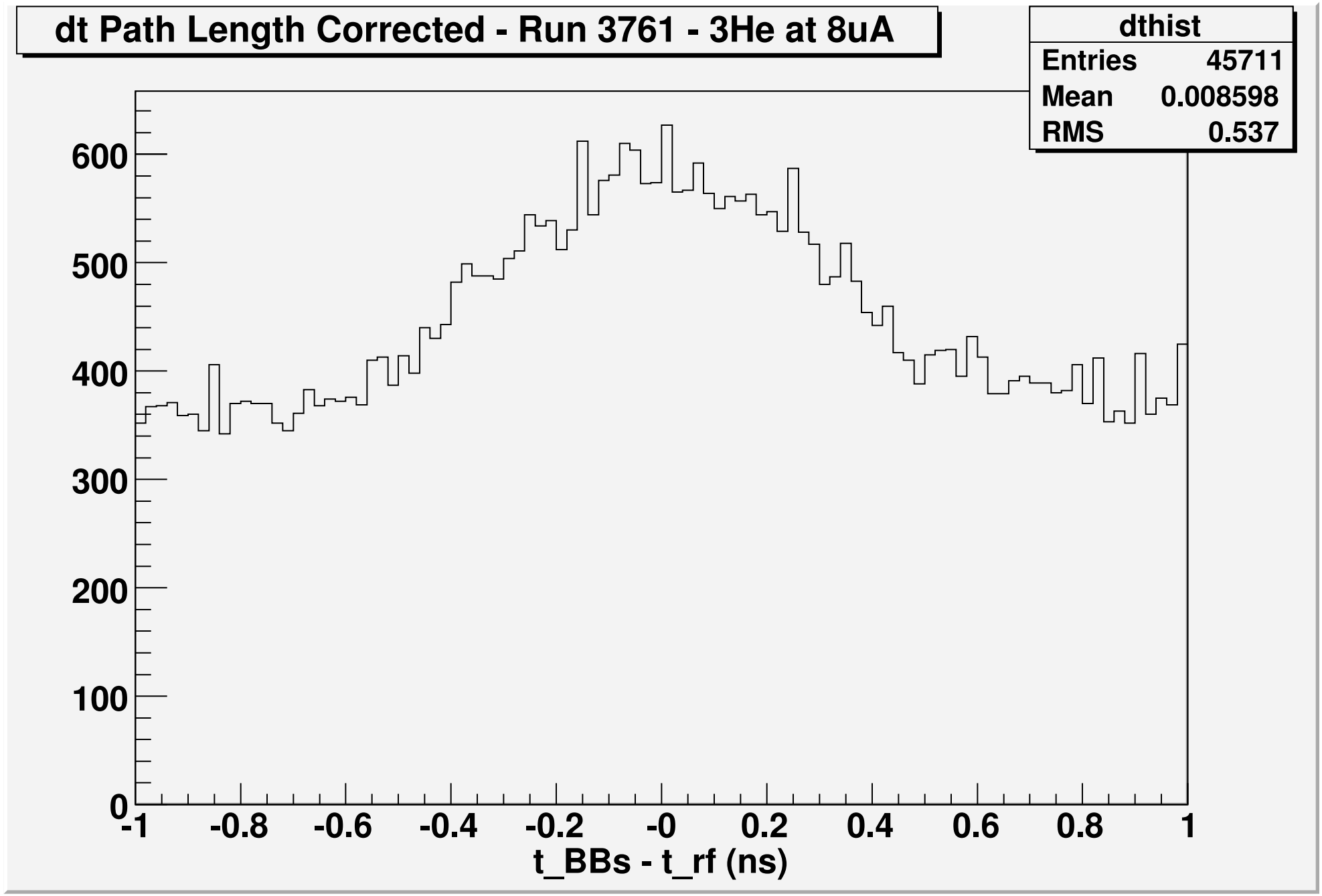

Scintillator dt vs 1/E - High Second Paddle Energy Deposition
Scintillator Paddle Time Difference (ns)
1
0.5
0
-0.5
-1
0
0.1
0.2
0.3
0.4
0.5
0.6
×10-3
1/(dE/dx) (Arbitrary Units)

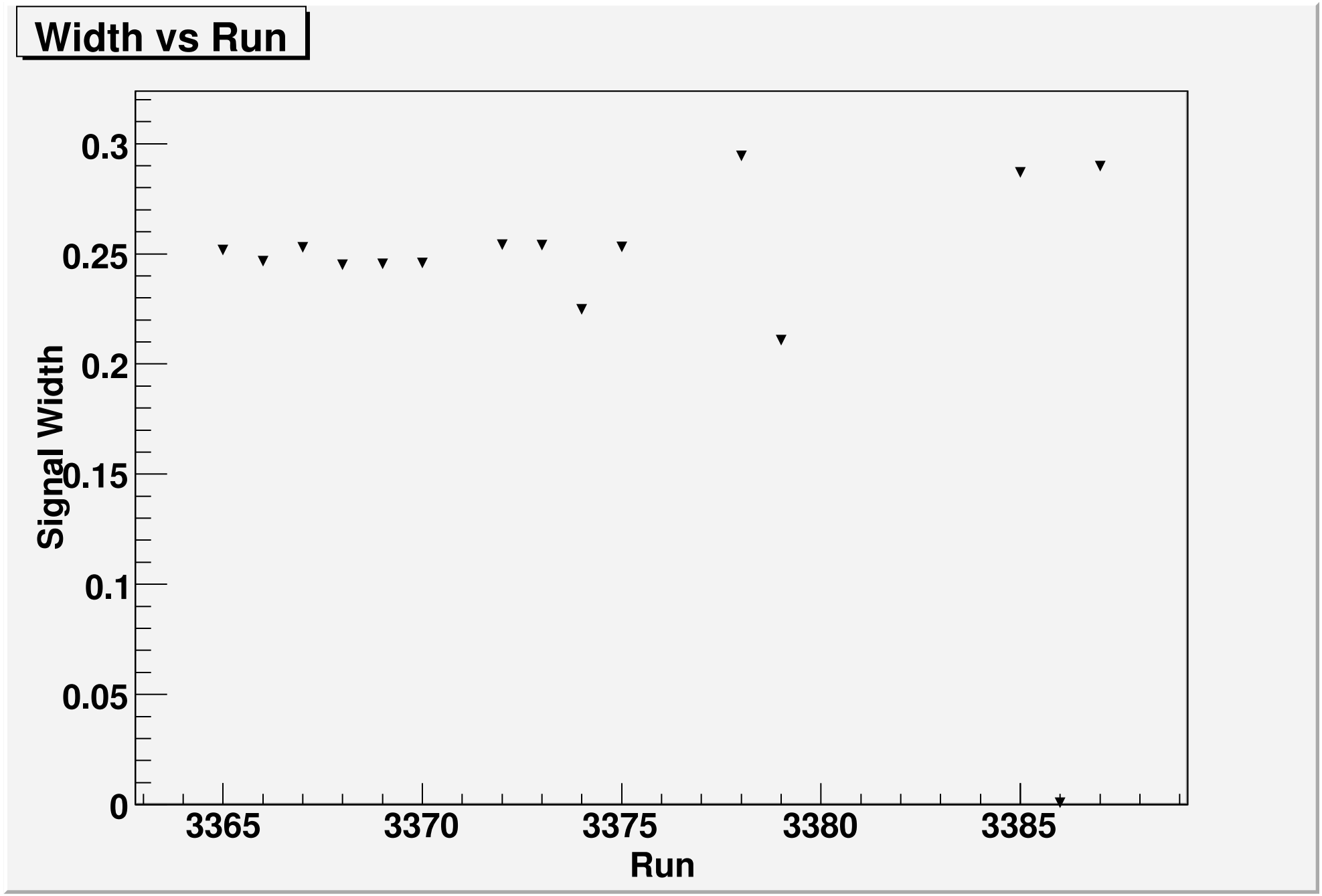

Kin3a New Offsets (Relative to Old)
Offset (ns)
0
-0.05
-0.1
-0.15
-0.2
-0.25
0
2
4
6
8
10
12
Paddle Number

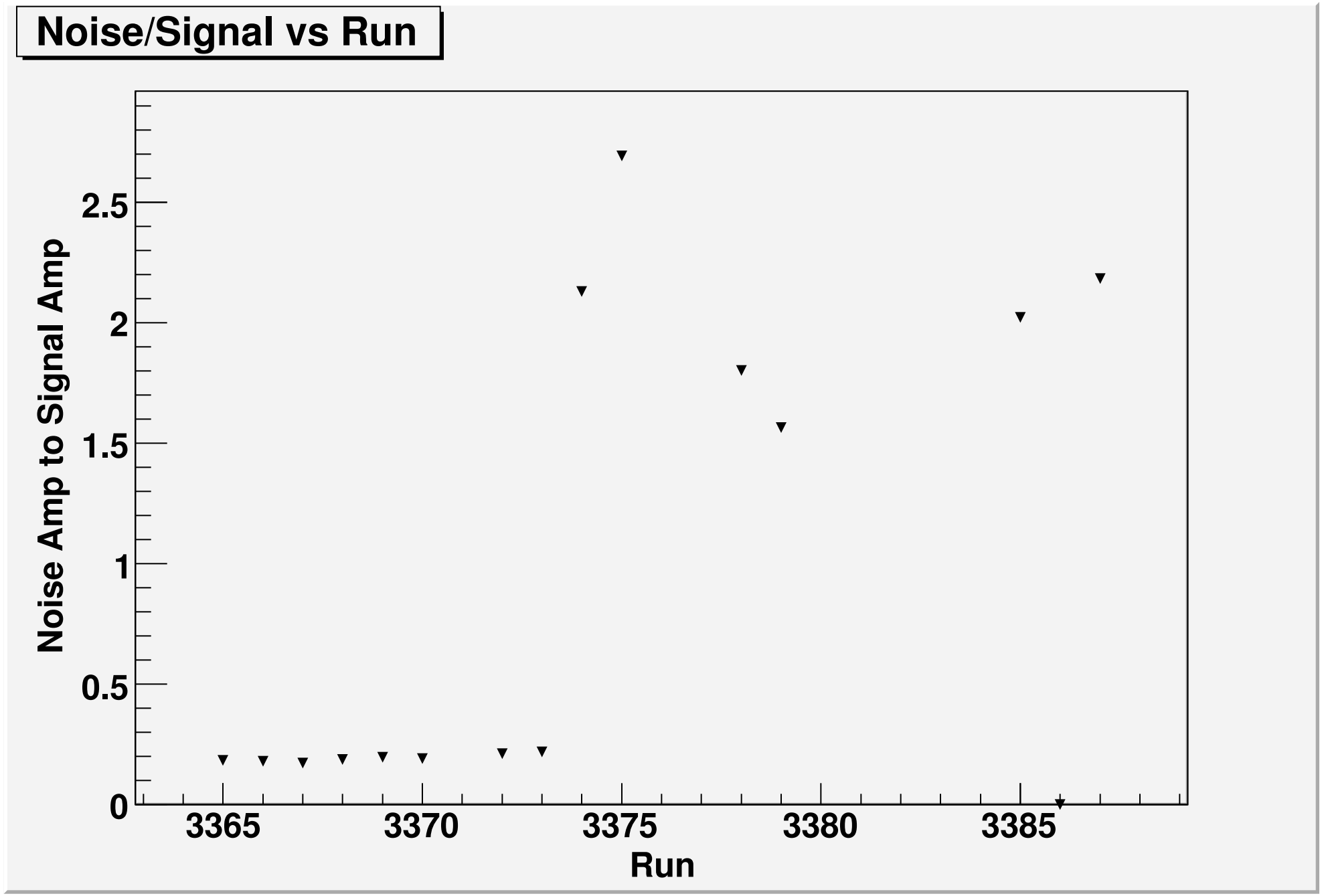

Kin3b New Offsets (Relative to Old)
-0
-0.05
-0.1
-0.15
-0.2
Offset (ns)
0
2
4
6
8
10
12
Paddle Number

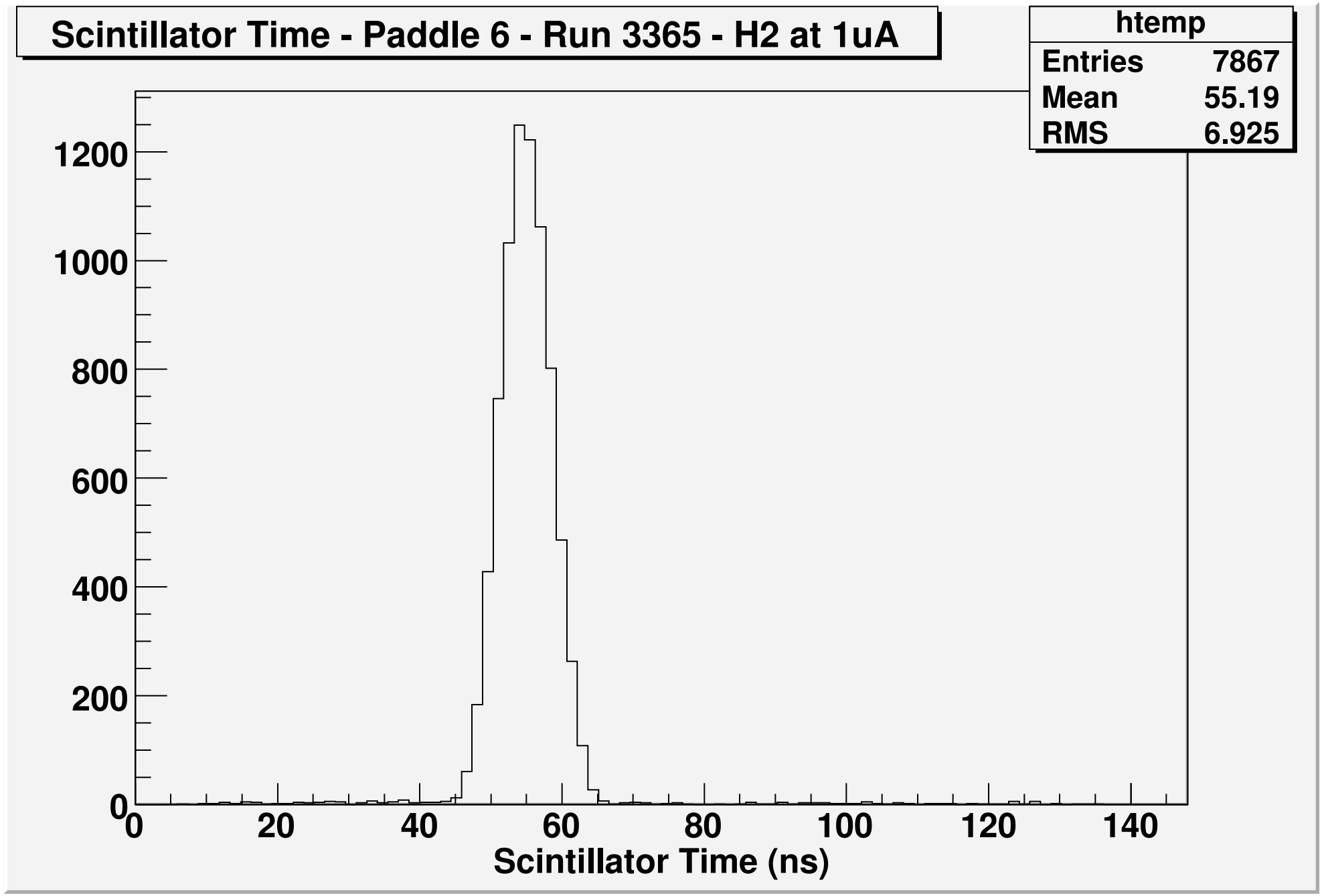

Shift vs Run
Phase (ns)
0.9
0.85
0.8
0.75
0.7
0.65
0.6
0.55
0.5
3365
3370
3375
3380
3385
Run

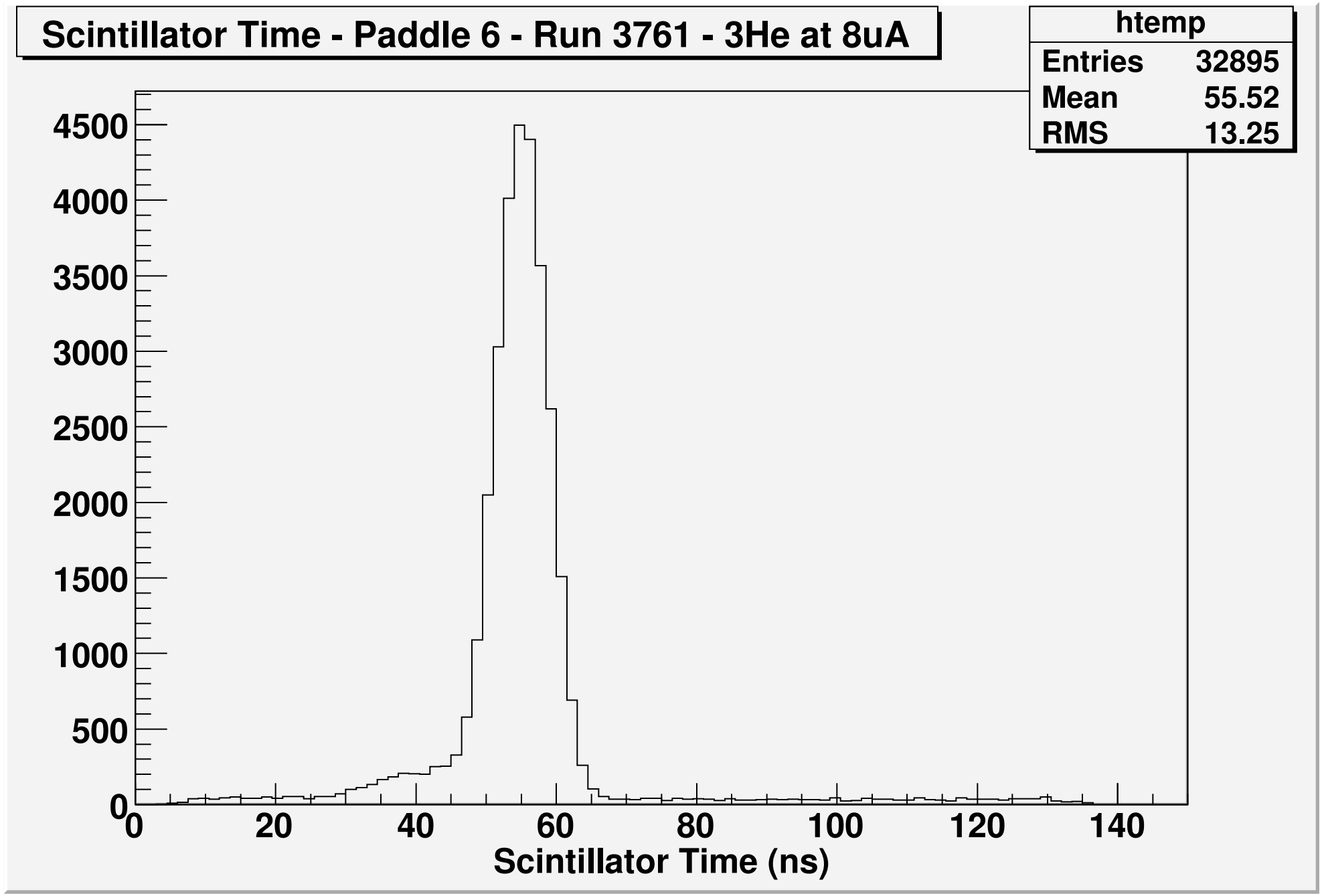

dt - Path Length Corrected - Run 3365 - H2 at 1uA
dthist
Entries 12039
Mean -0.01005
RMS 0.4073
300
250
200
150
100
50
0
-1
-0.8
-0.6
-0.4
-0.2
-0
0.2
0.4
0.6
0.8
1
t_BBs - t_rf (ns)


dt Path Length Corrected - Run 3761 - 3He at 8uA
dthist
Entries 45711
Mean 0.008598
RMS 0.537
600
500
400
300
200
100
0
-1
-0.8
-0.6
-0.4
-0.2
-0
0.2
0.4
0.6
0.8
1
t_BBs - t_rf (ns)


Width vs Run
Signal Width
0.3
0.25
0.2
0.15
0.1
0.05
0
3365
3370
3375
3380
3385
Run


Noise/Signal vs Run
Noise Amp to Signal Amp
0
0.5
1
1.5
2
2.5
3365
3370
3375
3380
3385
Run


Scintillator Time - Paddle 6 - Run 3365 - H2 at 1uA
htemp
Entries 7867
Mean 55.19
RMS 6.925
1200
1000
800
600
400
200
0
0
20
40
60
80
100
120
140
Scintillator Time (ns)


Scintillator Time - Paddle 6 - Run 3761 - 3He at 8uA
htemp
Entries 32895
Mean 55.52
RMS 13.25
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
20
40
60
80
100
120
140
Scintillator Time (ns)