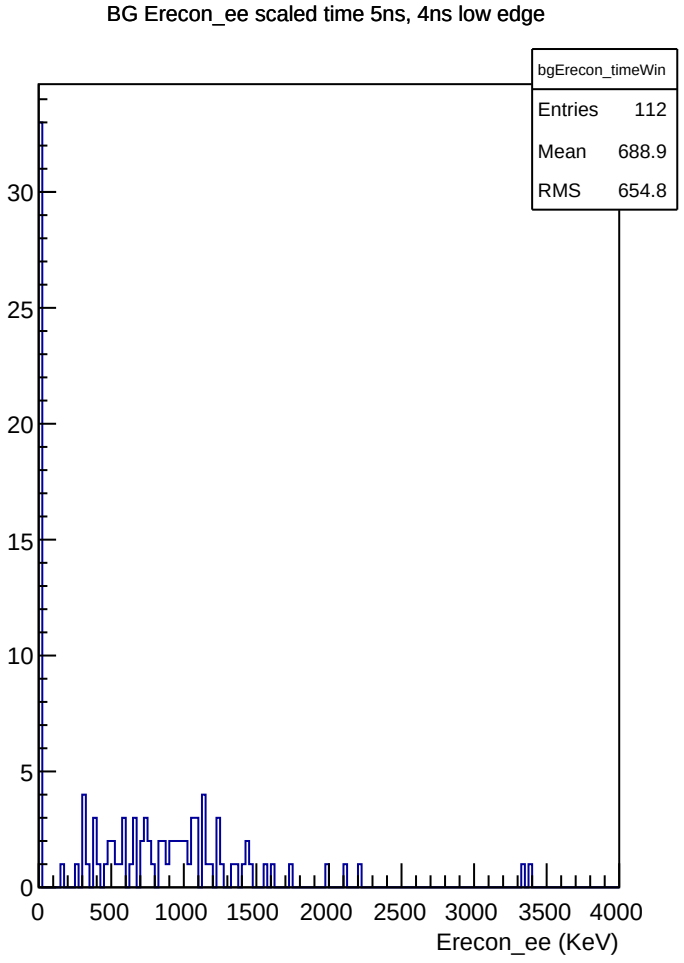
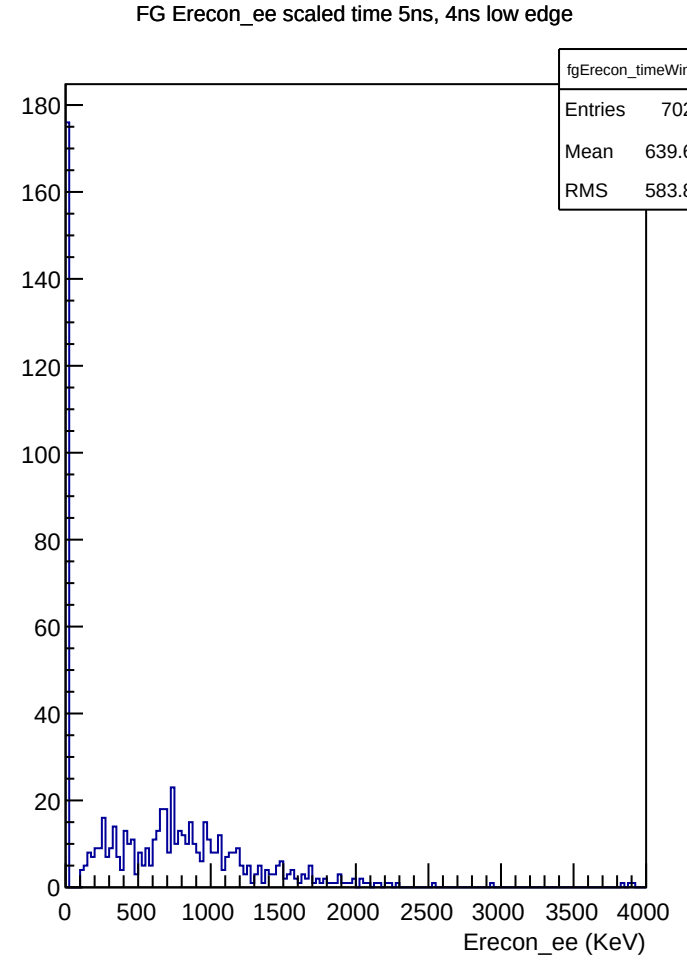

BG Erecon_ee scaled time 5ns, 4ns low edge
bgErecon_timeWin
Entries 112
Mean 688.9
RMS 654.8
0
5
10
15
20
25
30
0 500 1000 1500 2000 2500 3000 3500 4000
Erecon_ee (KeV)


FG Erecon_ee scaled time 5ns, 4ns low edge
fgErecon_timeWin
Entries 702
Mean 639.6
RMS 583.8
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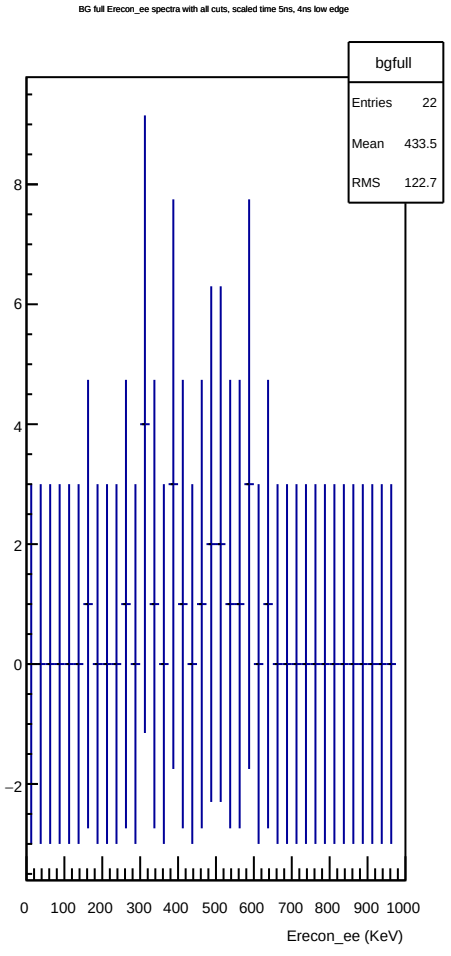
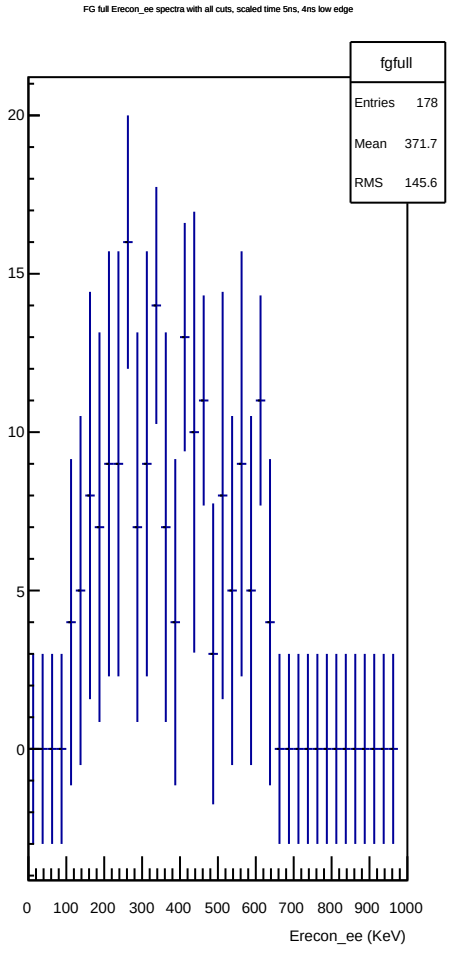
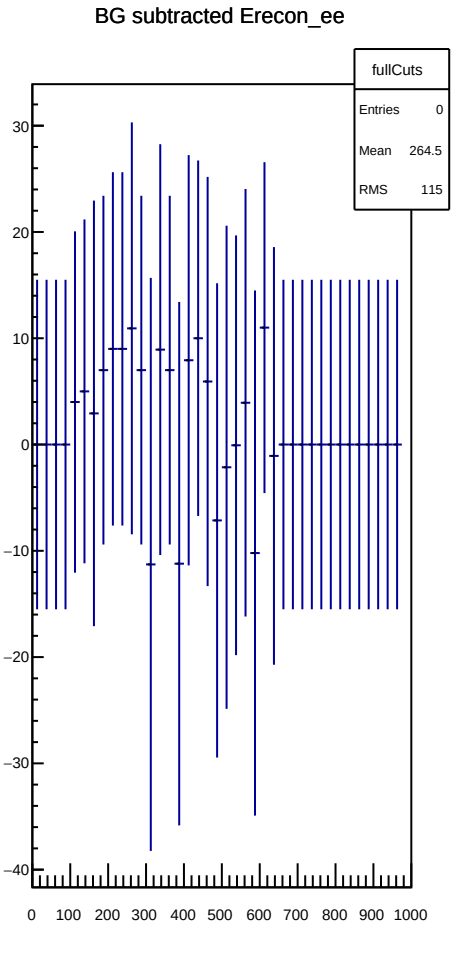
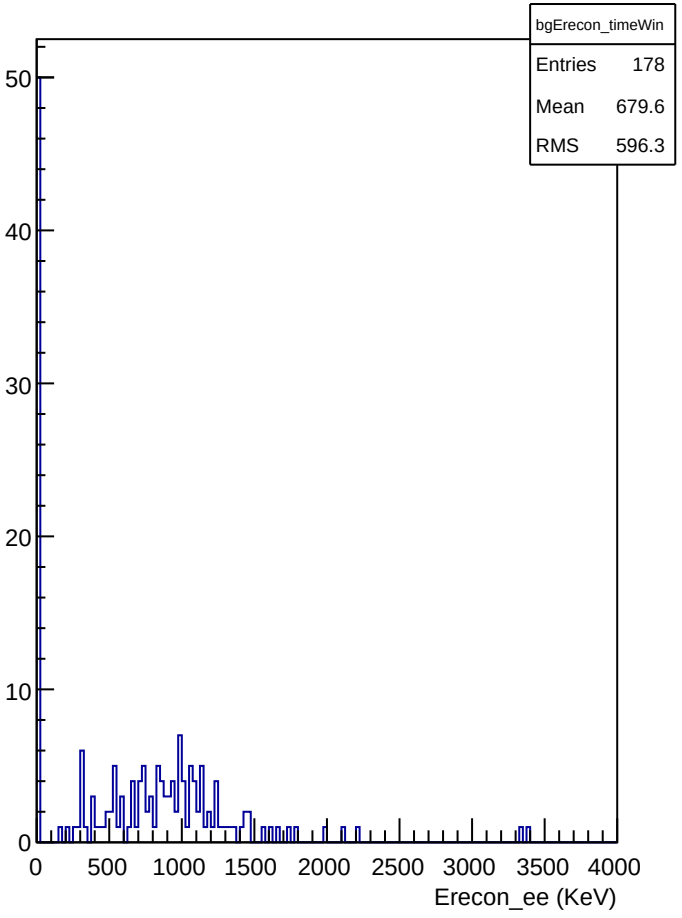
20
40
60
80
100
120
140
160
180
0 500 1000 1500 2000 2500 3000 3500 4000
Erecon_ee (KeV)


BG full Erecon_ee spectra with all cuts, scaled time 5ns, 4ns low edge
bgfull
Entries 22
Mean 433.5
RMS 122.7
Erecon_ee (KeV)

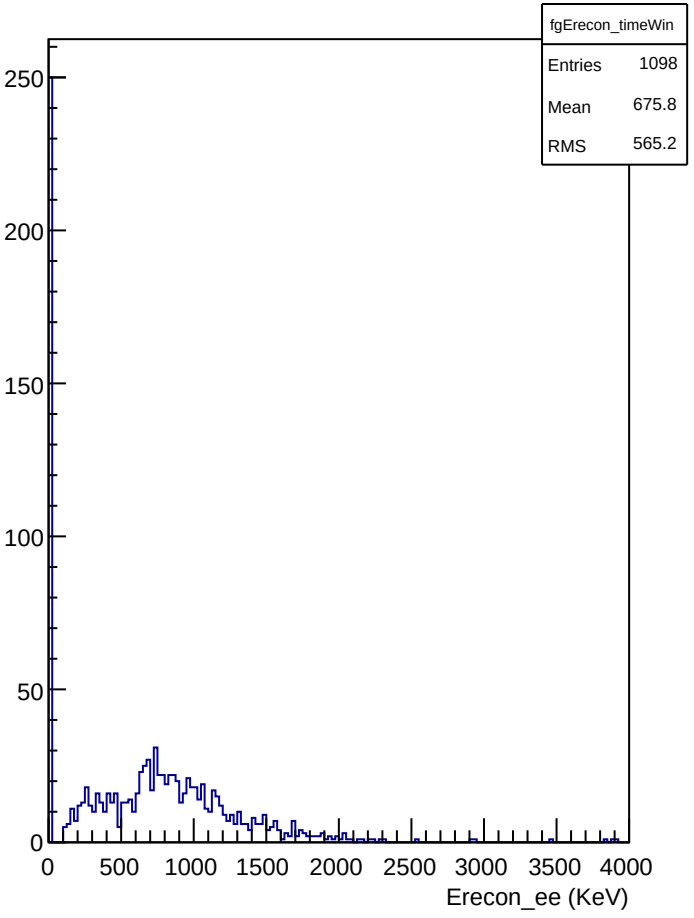

FG full Erecon_ee spectra with all cuts, scaled time 5ns, 4ns low edge
fgfull
Entries 178
Mean 371.7
RMS 145.6
Erecon_ee (KeV)


BG subtracted Erecon_ee
fullCuts
Entries 0
Mean 264.5
RMS 115

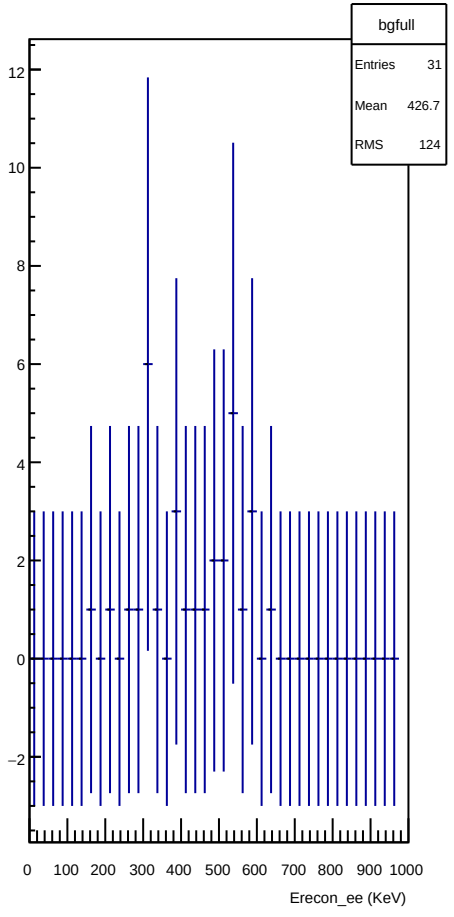
BG Erecon_ee scaled time 6ns, 4ns low edge



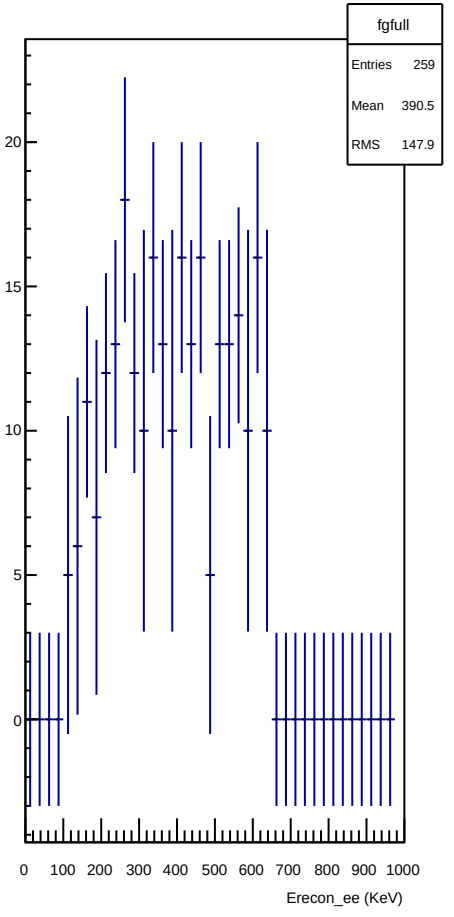
FG Erecon_ee scaled time 6ns, 4ns low edge



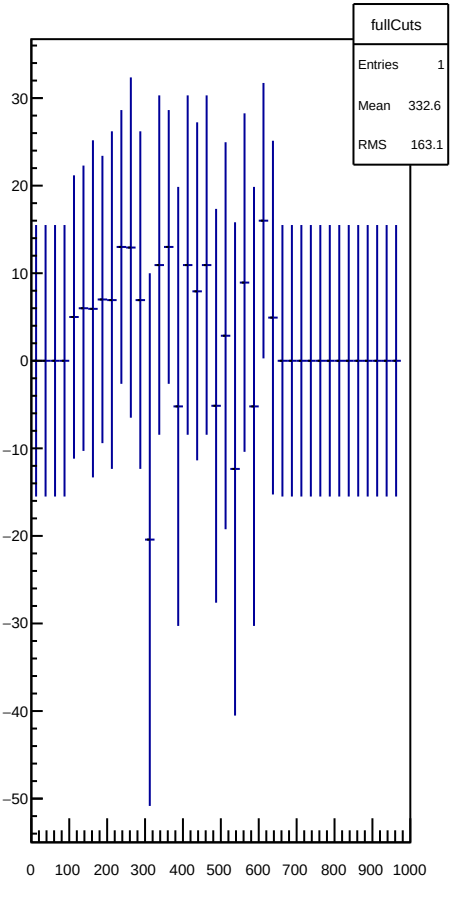
BG full Erecon_ee spectra with all cuts, scaled time 6ns, 4ns low edge

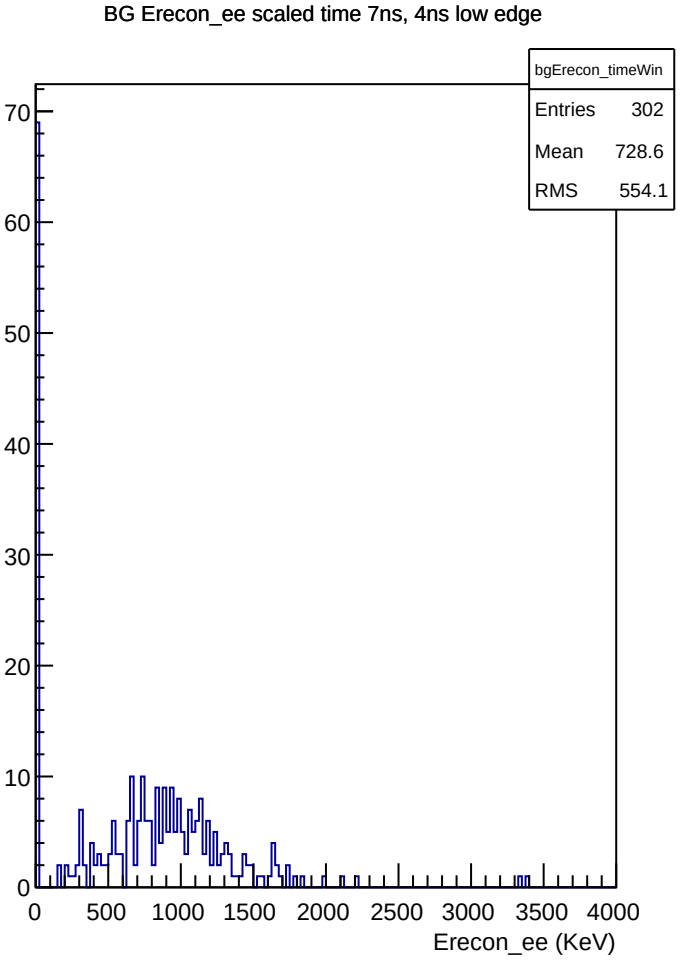


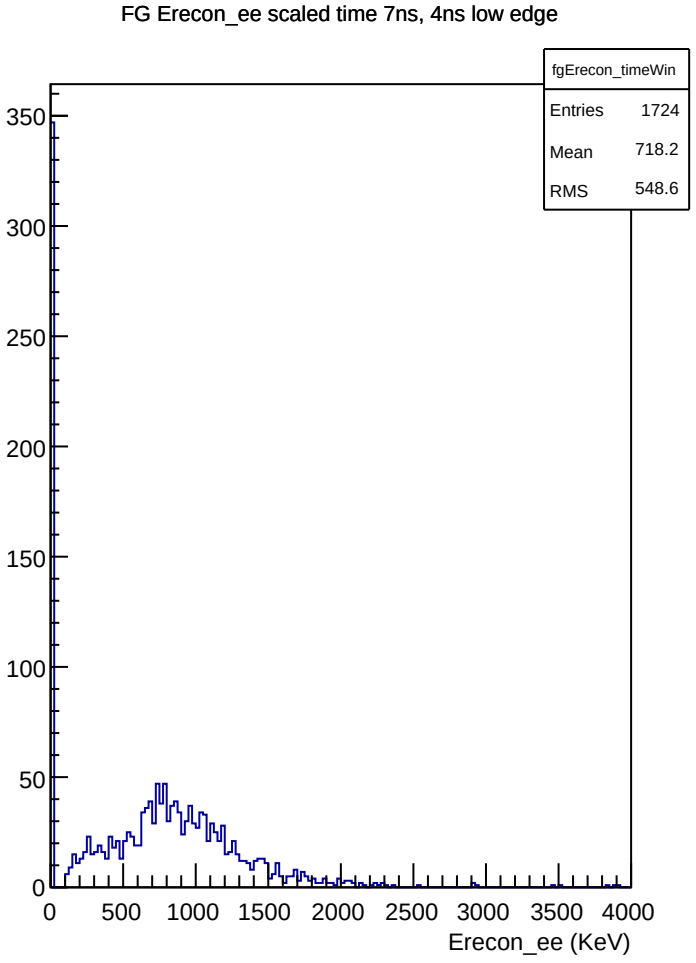
FG full Erecon_ee spectra with all cuts, scaled time 6ns, 4ns low edge

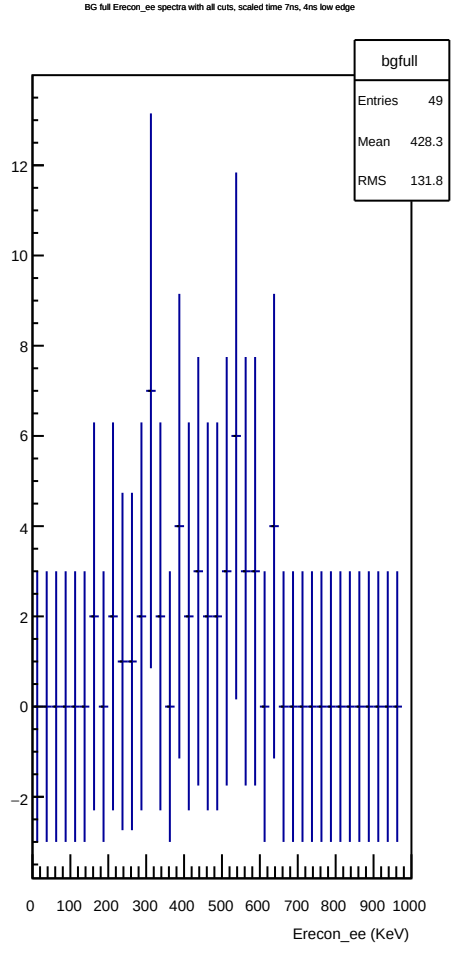


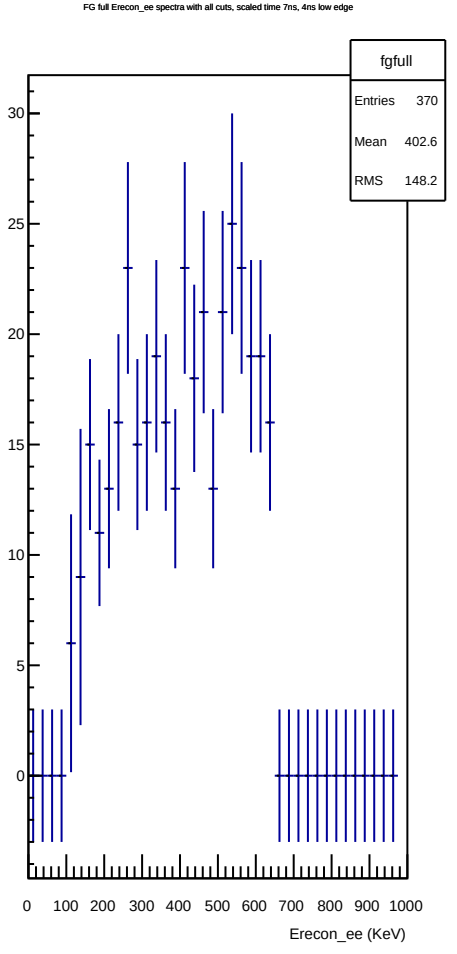
BG subtracted Erecon_ee

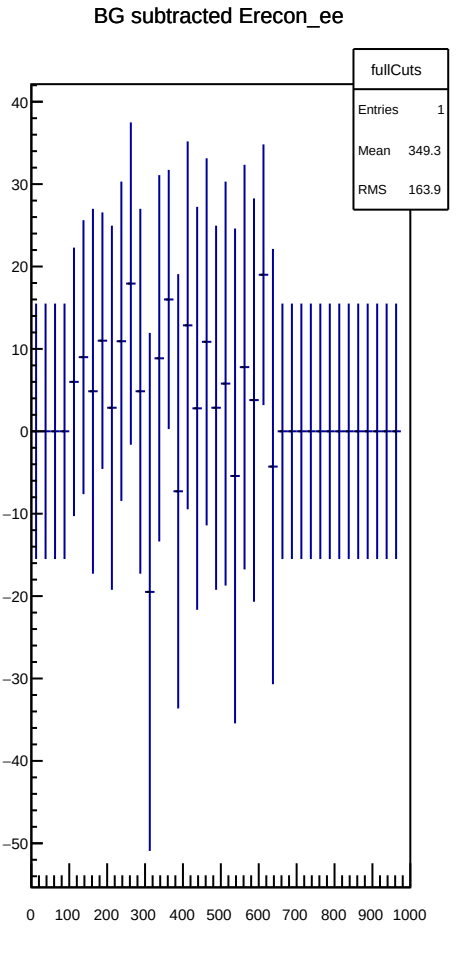



BG Erecon_ee scaled time 7ns, 4ns low edge
bgErecon_timeWin
Entries 302
Mean 728.6
RMS 554.1
70
60
50
40
30
20
10
0
0 500 1000 1500 2000 2500 3000 3500 4000
Erecon_ee (KeV)

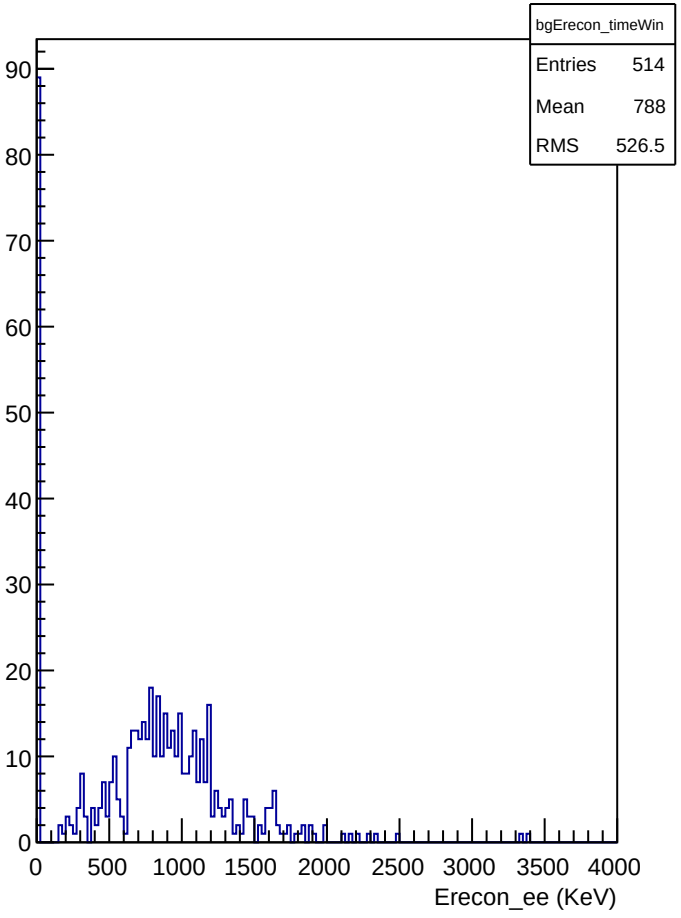

FG Erecon_ee scaled time 7ns, 4ns low edge
fgErecon_timeWin
Entries 1724
Mean 718.2
RMS 548.6
350
300
250
200
150
100
50
0
0 500 1000 1500 2000 2500 3000 3500 4000
Erecon_ee (KeV)


BG full Erecon_ee spectra with all cuts, scaled time 7ns, 4ns low edge
bgfull
Entries 49
Mean 428.3
RMS 131.8
Erecon_ee (KeV)

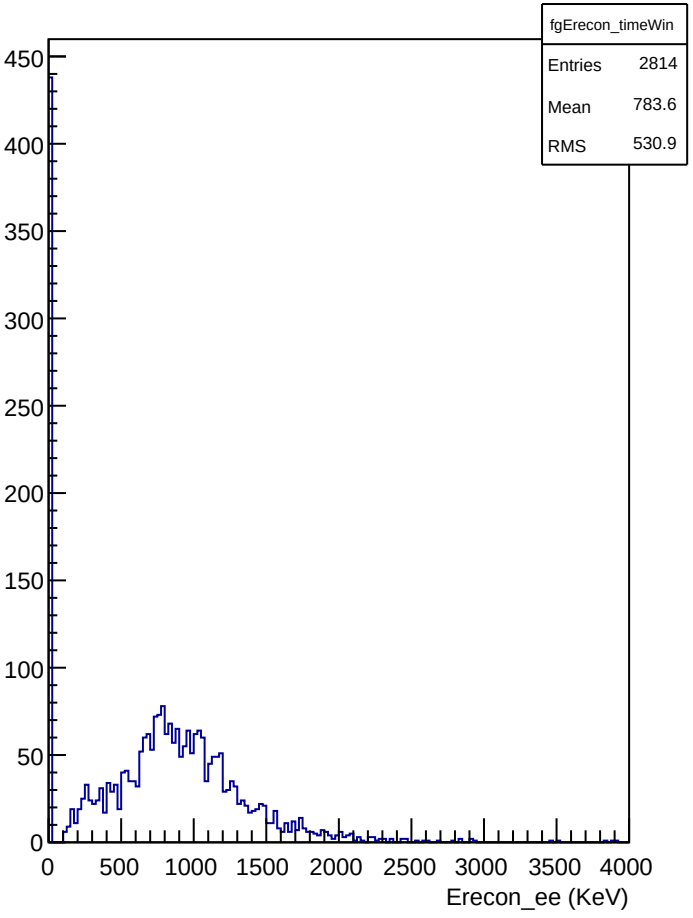

FG full Erecon_ee spectra with all cuts, scaled time 7ns, 4ns low edge
fgfull
Entries 370
Mean 402.6
RMS 148.2
Erecon_ee (KeV)

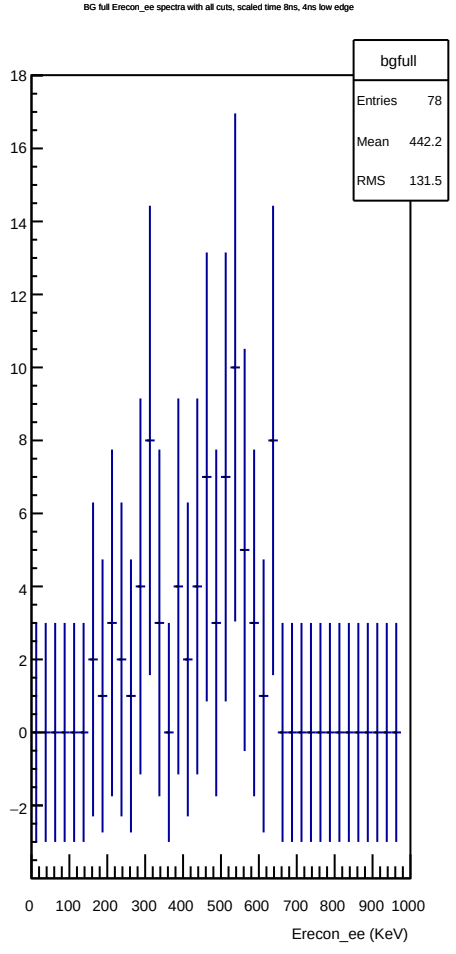

BG subtracted Erecon_ee
fullCuts
Entries 1
Mean 349.3
RMS 163.9

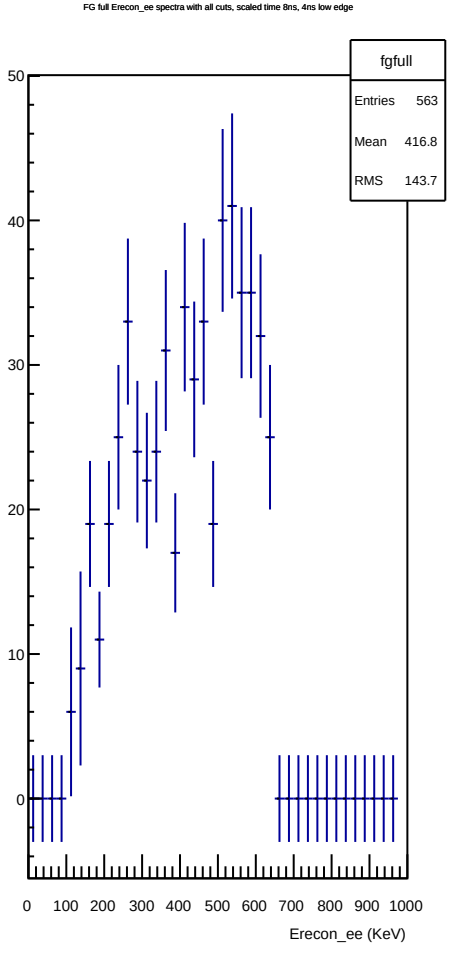
BG Erecon_ee scaled time 8ns, 4ns low edge

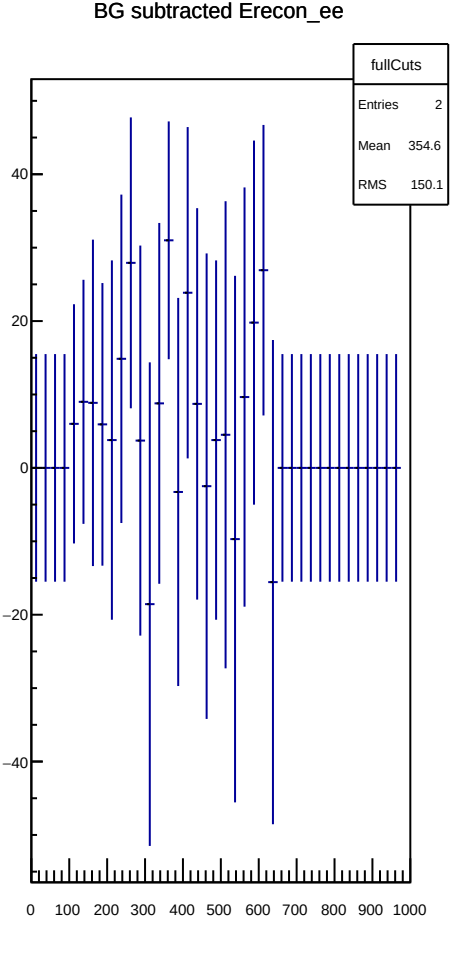


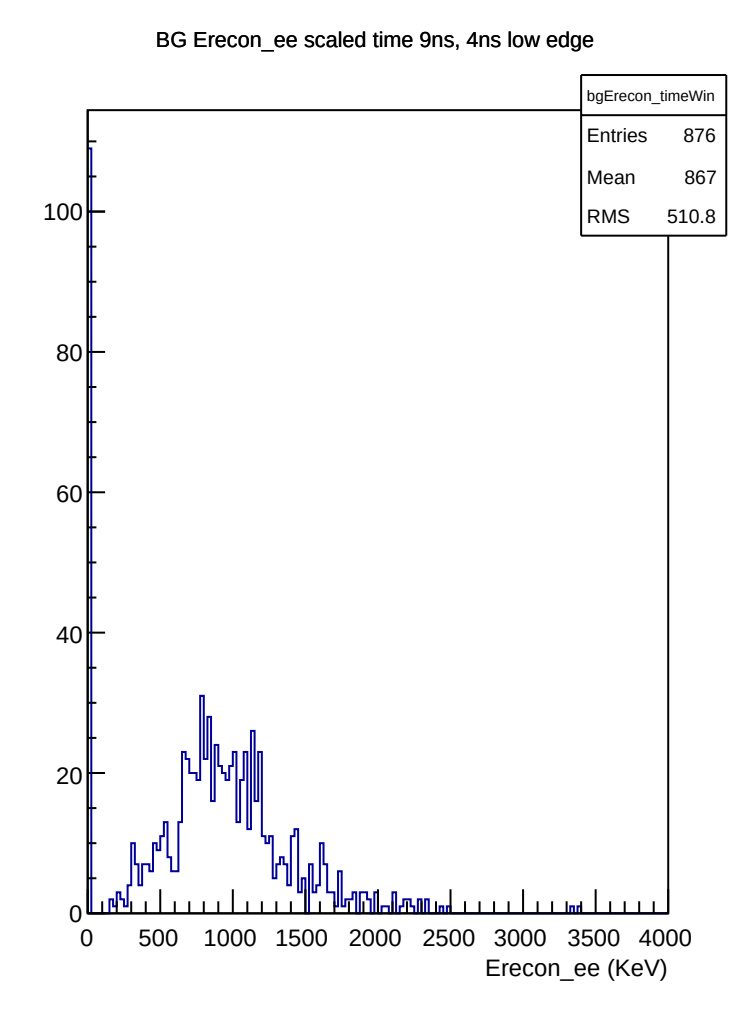
FG Erecon_ee scaled time 8ns, 4ns low edge

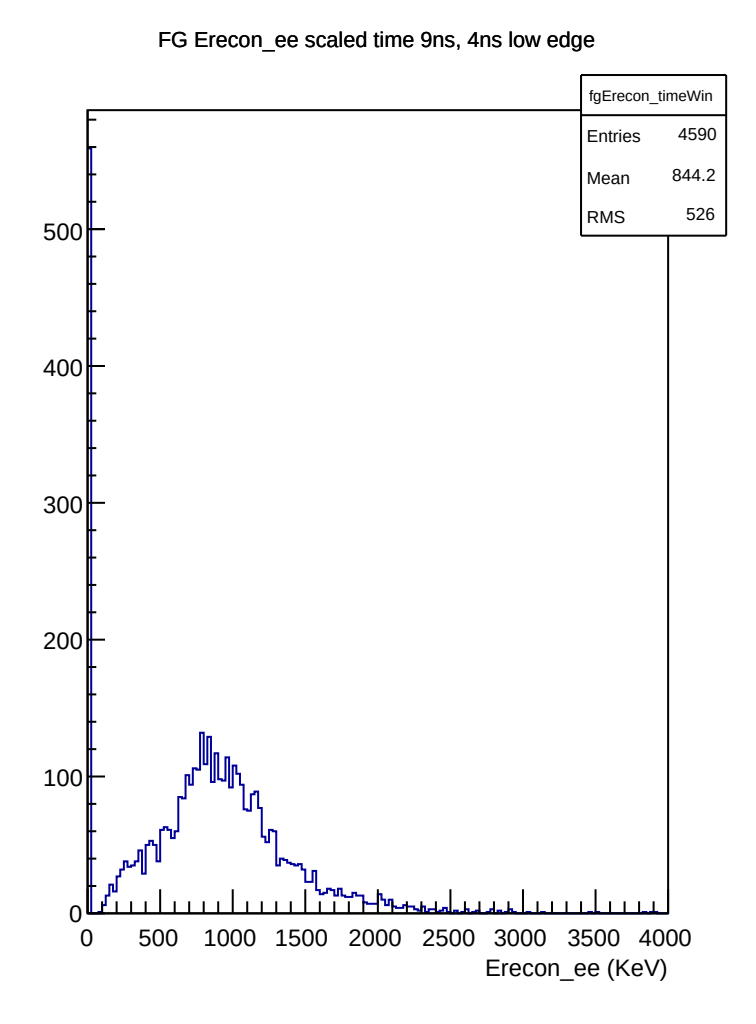


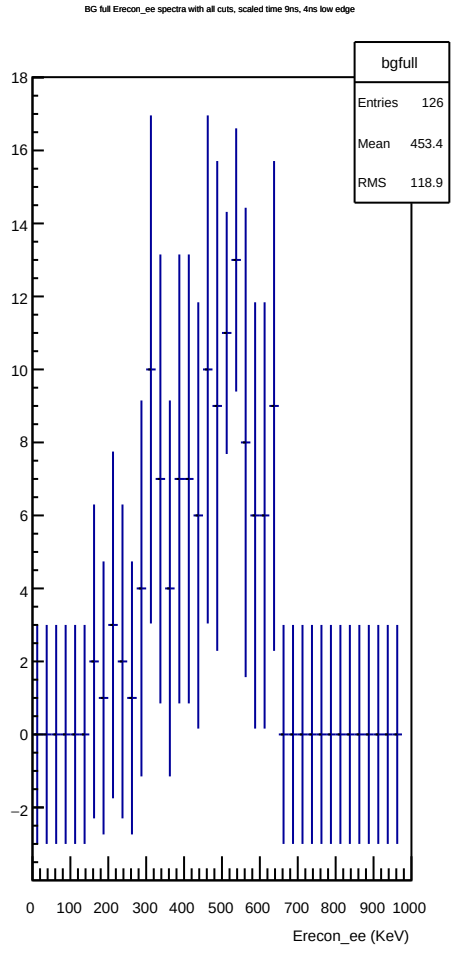

BG full Erecon_ee spectra with all cuts, scaled time 8ns, 4ns low edge
bgfull
Entries 78
Mean 442.2
RMS 131.5
Erecon_ee (KeV)

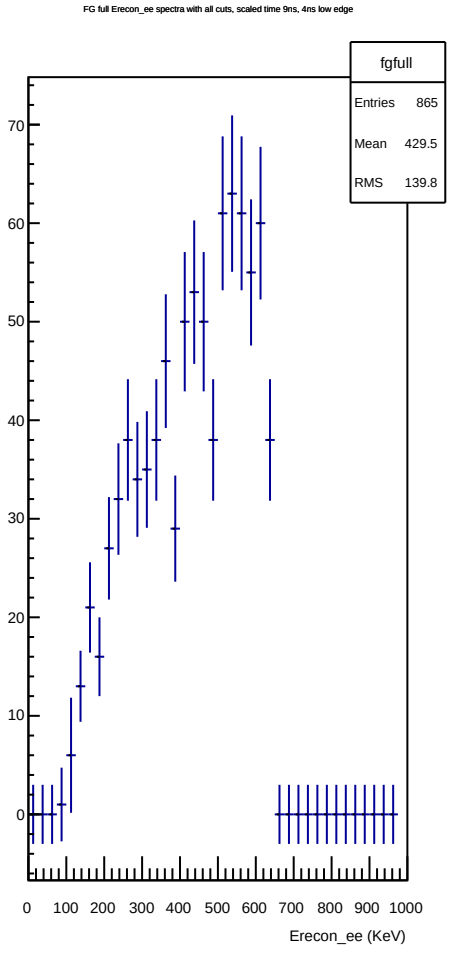

FG full Erecon_ee spectra with all cuts, scaled time 8ns, 4ns low edge
fgfull
Entries 563
Mean 416.8
RMS 143.7
Erecon_ee (KeV)

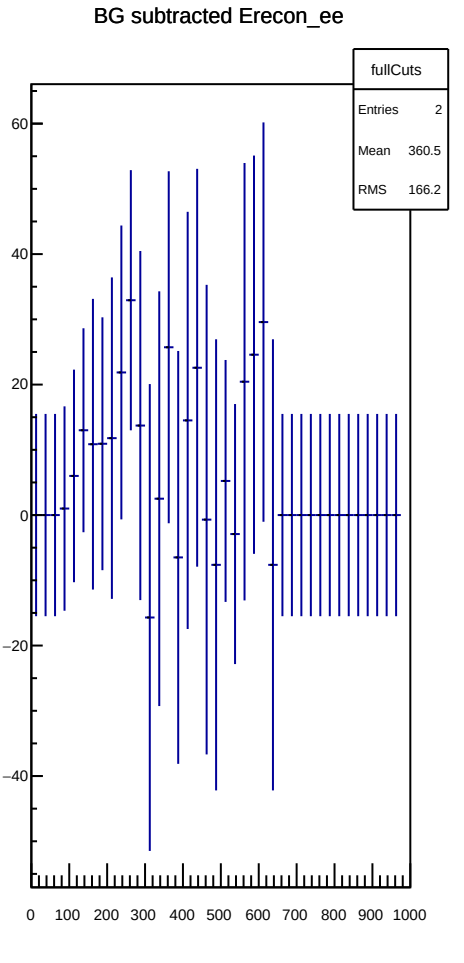

BG subtracted Erecon_ee
fullCuts
Entries 2
Mean 354.6
RMS 150.1

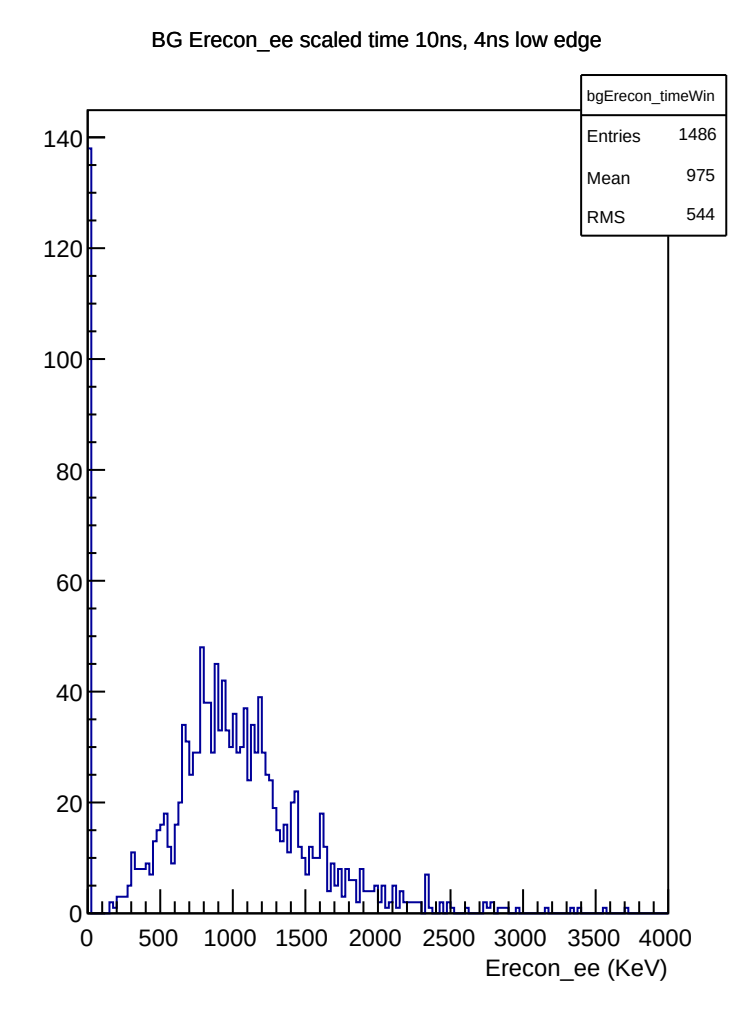

BG Erecon_ee scaled time 9ns, 4ns low edge
bgErecon_timeWin
Entries 876
Mean 867
RMS 510.8
0
20
40
60
80
100
0 500 1000 1500 2000 2500 3000 3500 4000
Erecon_ee (KeV)

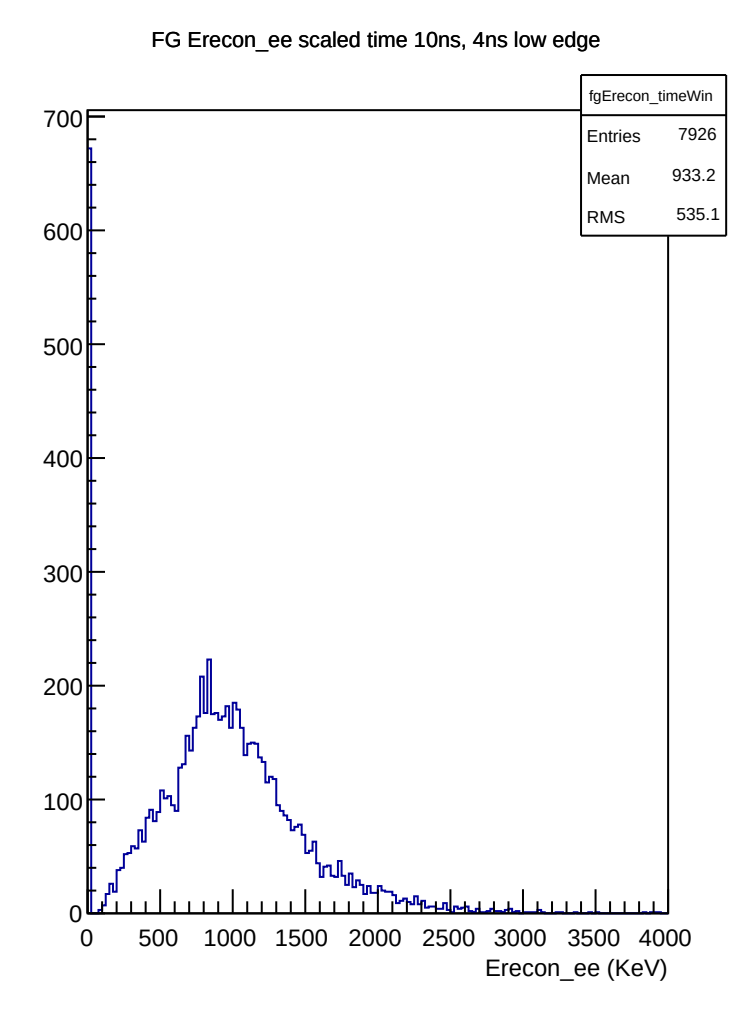

FG Erecon_ee scaled time 9ns, 4ns low edge
fgErecon_timeWin
Entries 4590
Mean 844.2
RMS 526
0
100
200
300
400
500
0 500 1000 1500 2000 2500 3000 3500 4000
Erecon_ee (KeV)

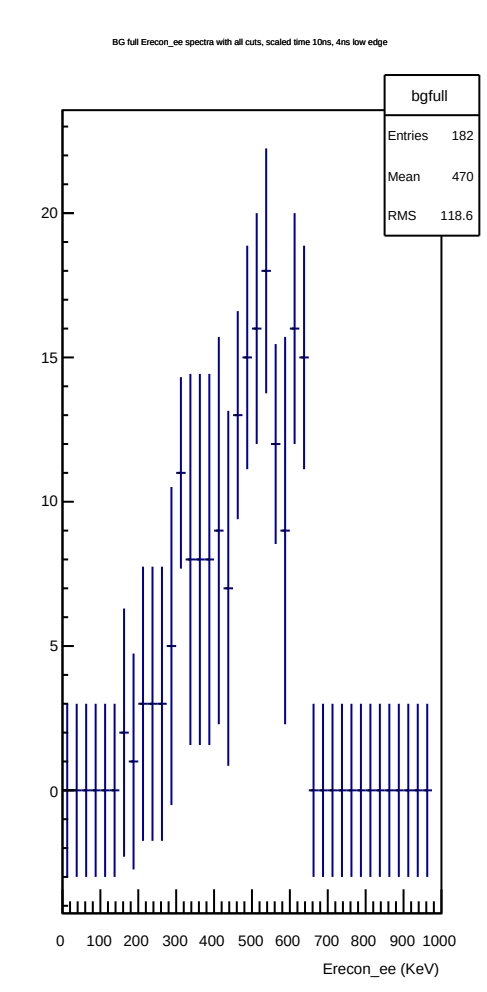

BG full Erecon_ee spectra with all cuts, scaled time 9ns, 4ns low edge
bgfull
Entries 126
Mean 453.4
RMS 118.9
Erecon_ee (KeV)

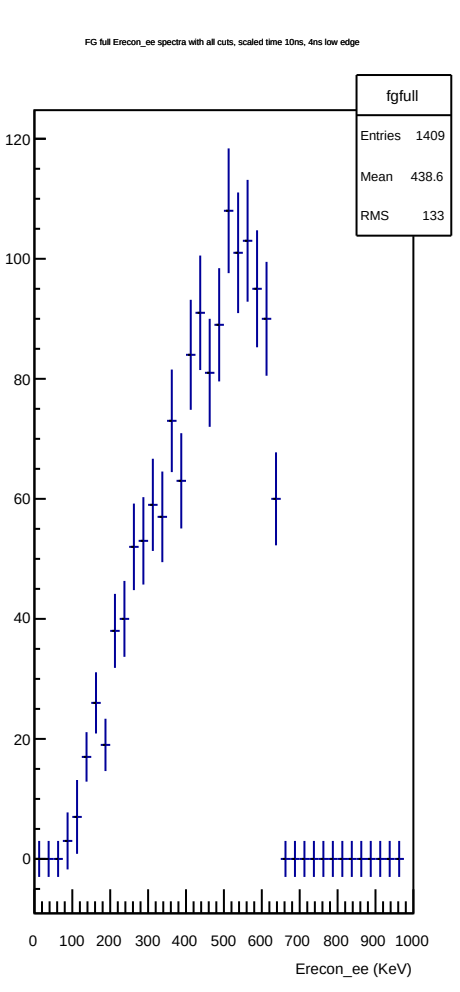

FG full Erecon_ee spectra with all cuts, scaled time 9ns, 4ns low edge
fgfull
Entries 865
Mean 429.5
RMS 139.8
Erecon_ee (KeV)

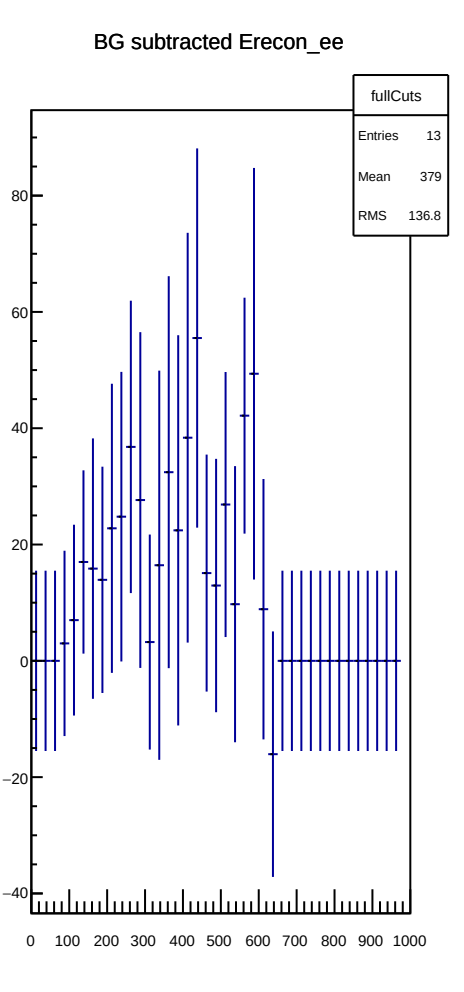

BG subtracted Erecon_ee
fullCuts
Entries 2
Mean 360.5
RMS 166.2


BG Erecon_ee scaled time 10ns, 4ns low edge
bgErecon_timeWin
Entries 1486
Mean 975
RMS 544
140
120
100
80
60
40
20
0
0 500 1000 1500 2000 2500 3000 3500 4000
Erecon_ee (KeV)

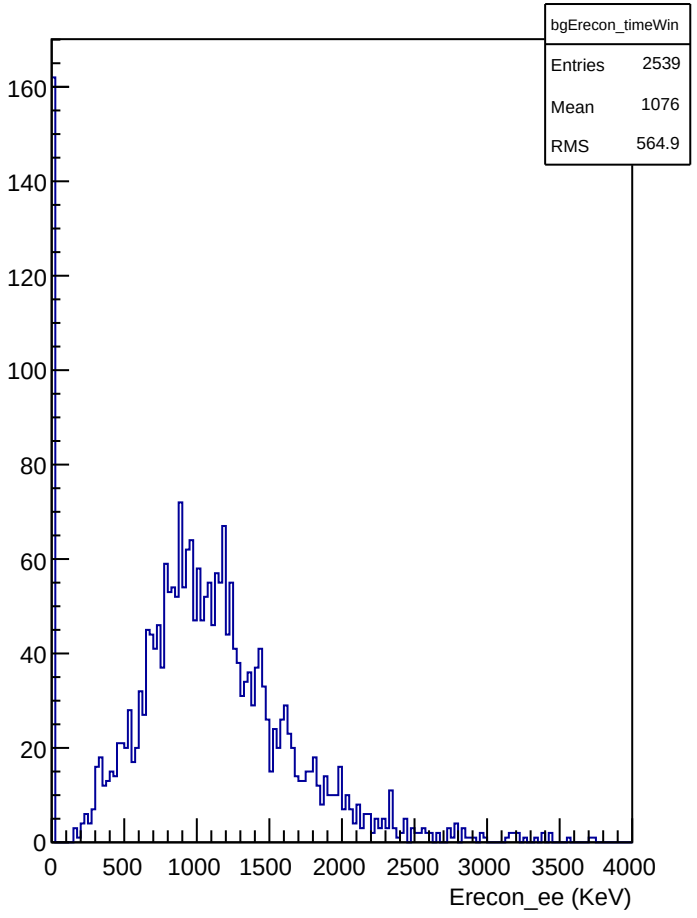

FG Erecon_ee scaled time 10ns, 4ns low edge
fgErecon_timeWin
Entries 7926
Mean 933.2
RMS 535.1
700
600
500
400
300
200
100
0
0 500 1000 1500 2000 2500 3000 3500 4000
Erecon_ee (KeV)


BG full Erecon_ee spectra with all cuts, scaled time 10ns, 4ns low edge
bgfull
Entries 182
Mean 470
RMS 118.6
20
15
10
5
0
0 100 200 300 400 500 600 700 800 900 1000
Erecon_ee (KeV)

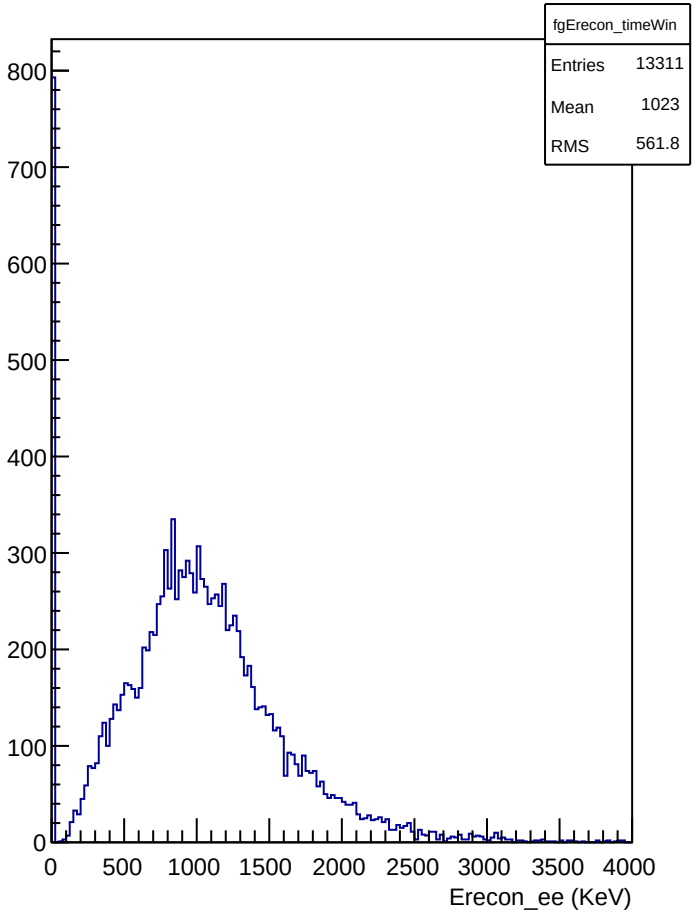

FG full Erecon_ee spectra with all cuts, scaled time 10ns, 4ns low edge
fgfull
Entries 1409
Mean 438.6
RMS 133
120
100
80
60
40
20
0
0 100 200 300 400 500 600 700 800 900 1000
Erecon_ee (KeV)

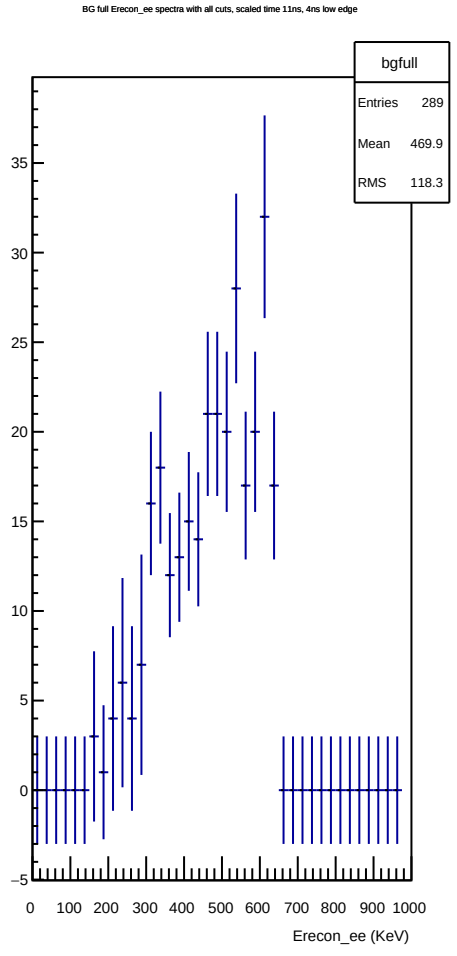

BG subtracted Erecon_ee
fullCuts
Entries 13
Mean 379
RMS 136.8
80
60
40
20
0
−20
−40
0 100 200 300 400 500 600 700 800 900 1000

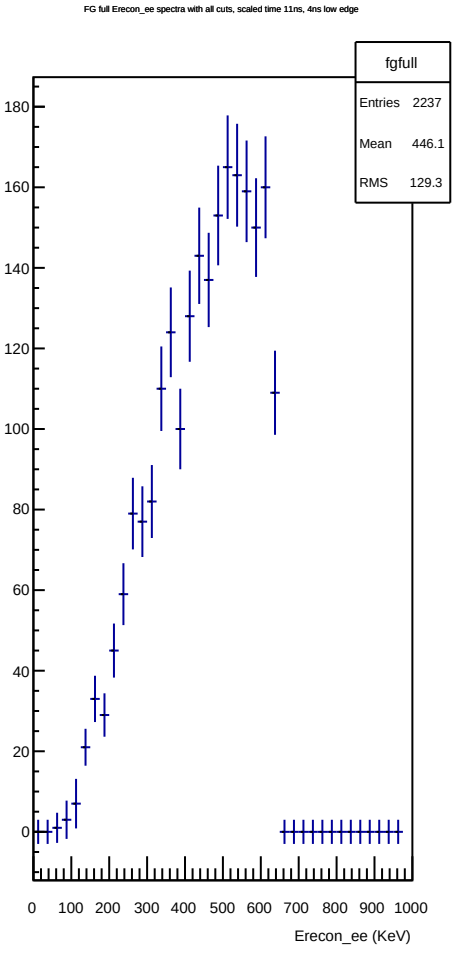
BG Erecon_ee scaled time 11ns, 4ns low edge

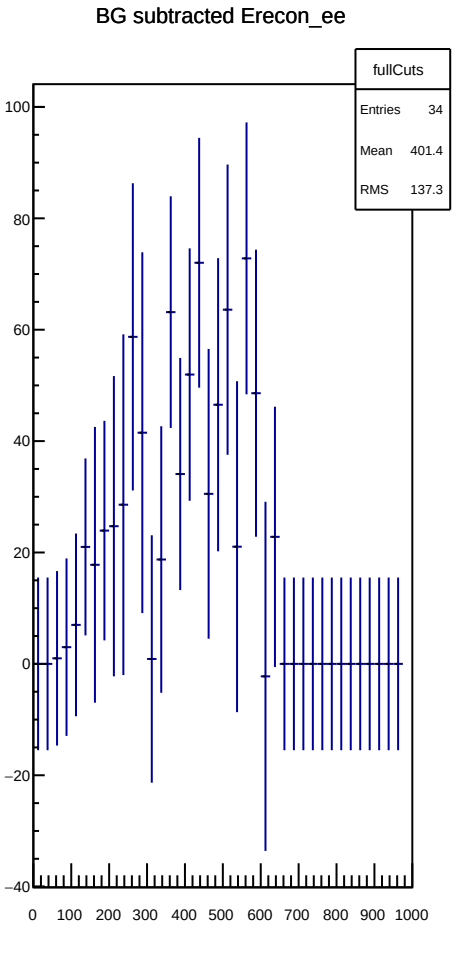


FG Erecon_ee scaled time 11ns, 4ns low edge

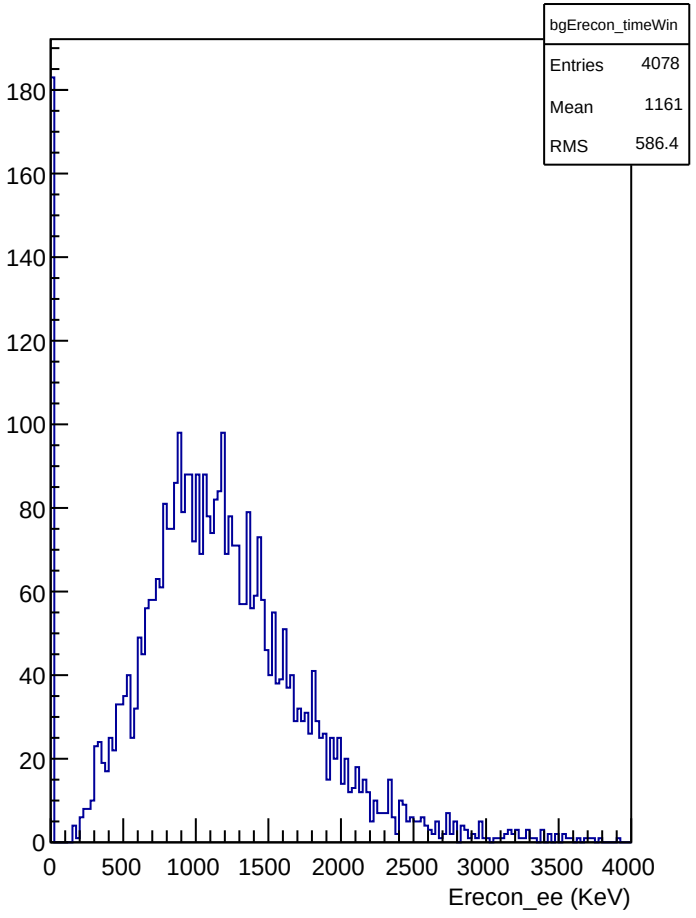



BG full Erecon_ee spectra with all cuts, scaled time 11ns, 4ns low edge
bgfull
Entries 289
Mean 469.9
RMS 118.3
Erecon_ee (KeV)

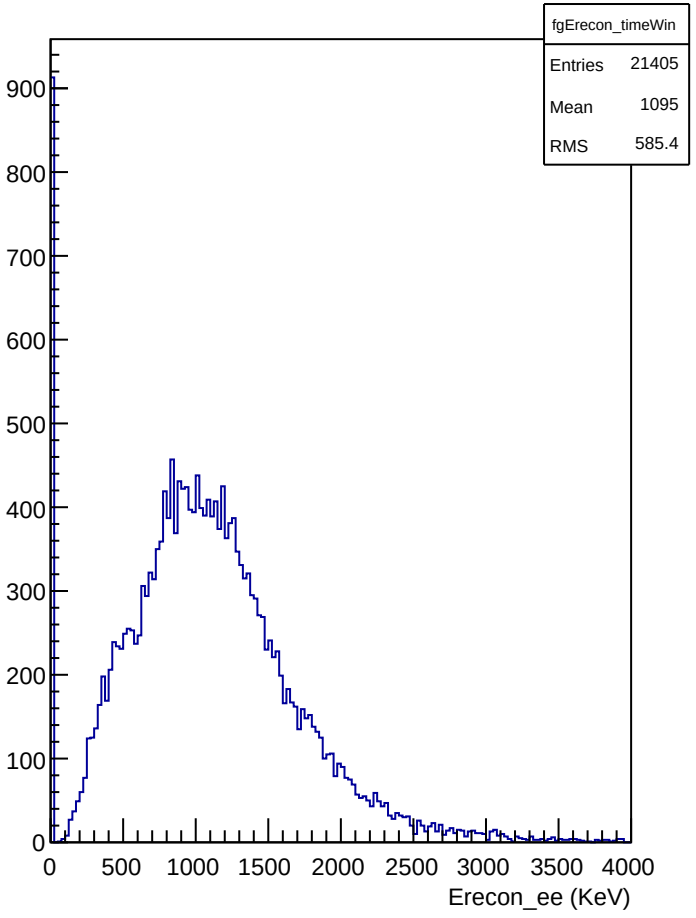

FG full Erecon_ee spectra with all cuts, scaled time 11ns, 4ns low edge
fgfull
Entries 2237
Mean 446.1
RMS 129.3
Erecon_ee (KeV)


BG subtracted Erecon_ee
fullCuts
Entries 34
Mean 401.4
RMS 137.3

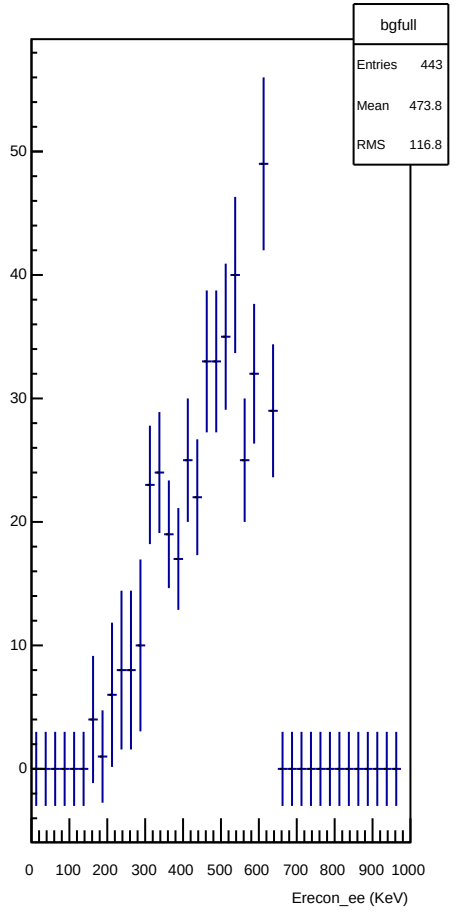
BG Erecon_ee scaled time 12ns, 4ns low edge



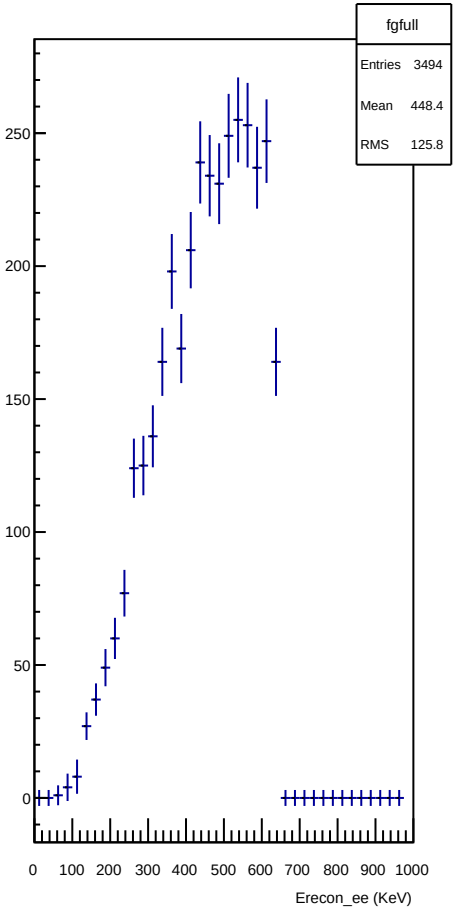
FG Erecon_ee scaled time 12ns, 4ns low edge



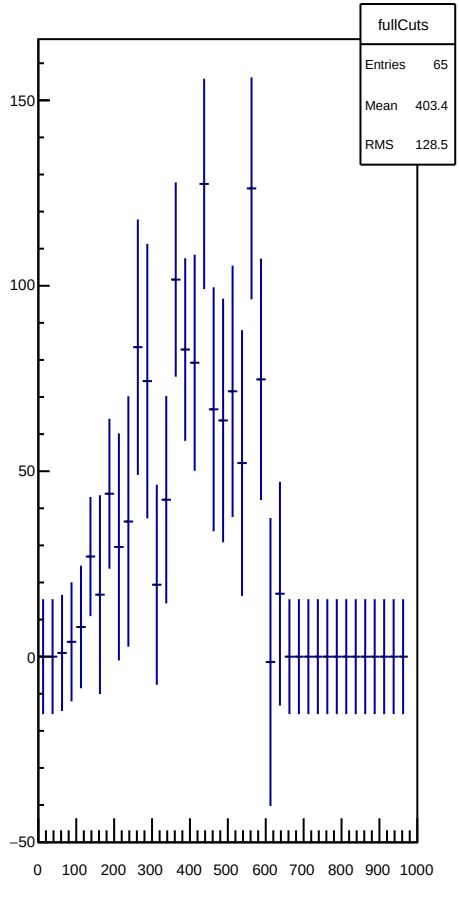
BG full Erecon_ee spectra with all cuts, scaled time 12ns, 4ns low edge

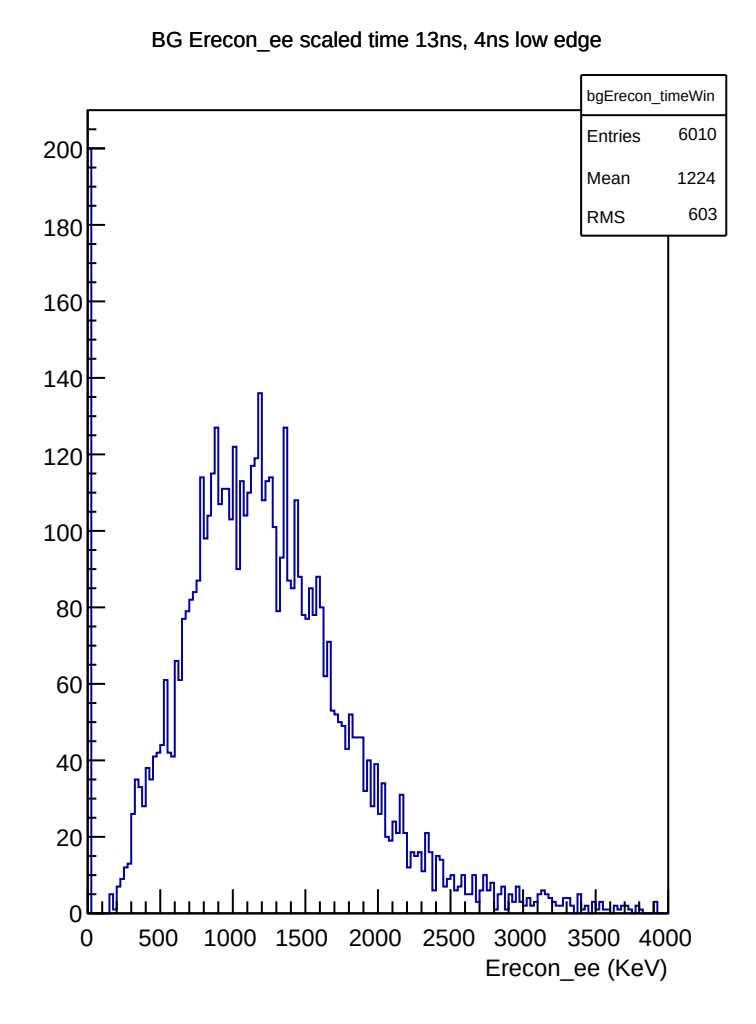


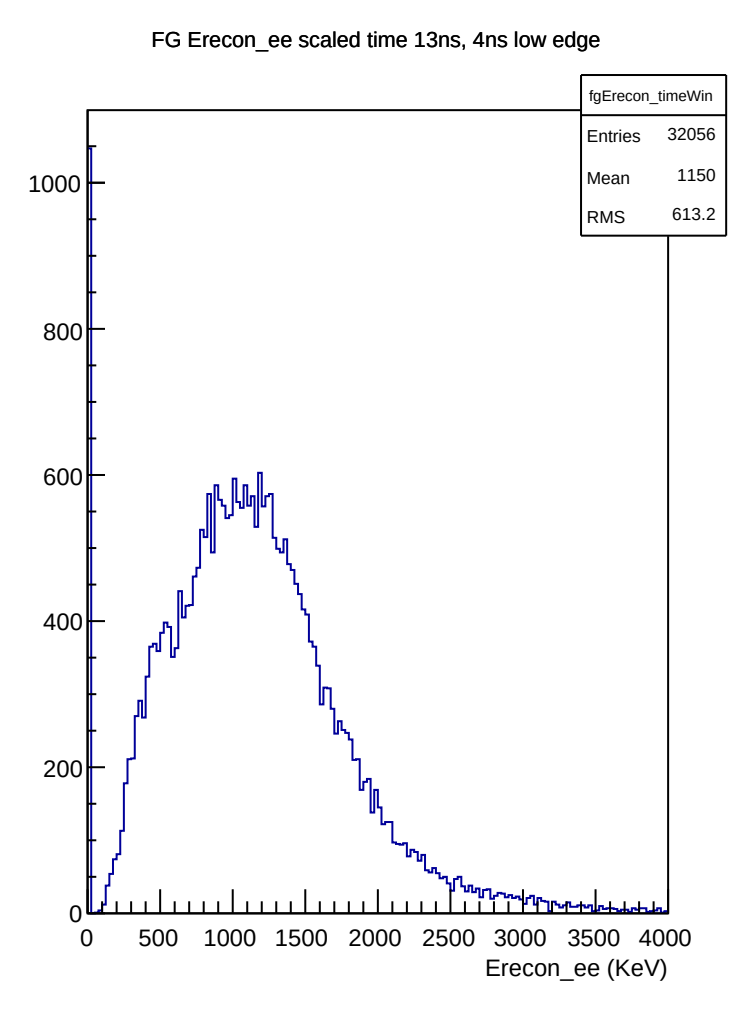
FG full Erecon_ee spectra with all cuts, scaled time 12ns, 4ns low edge

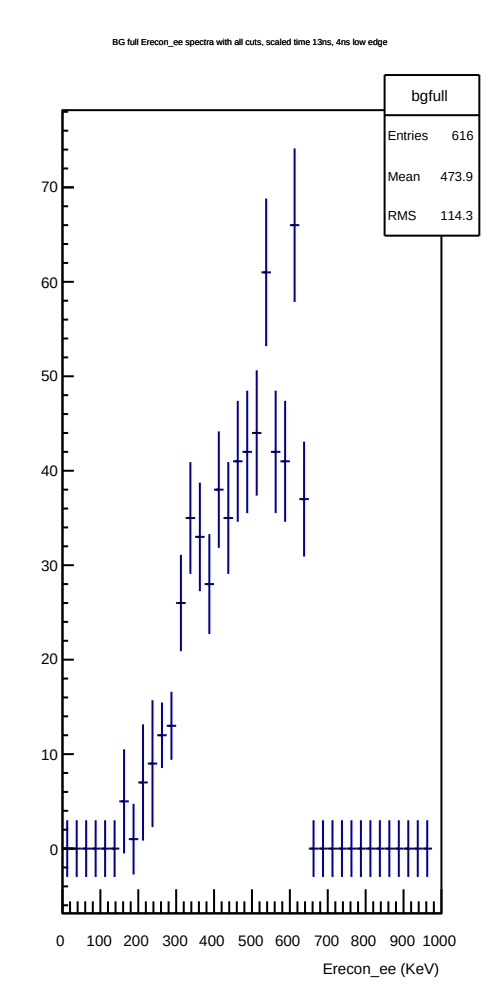


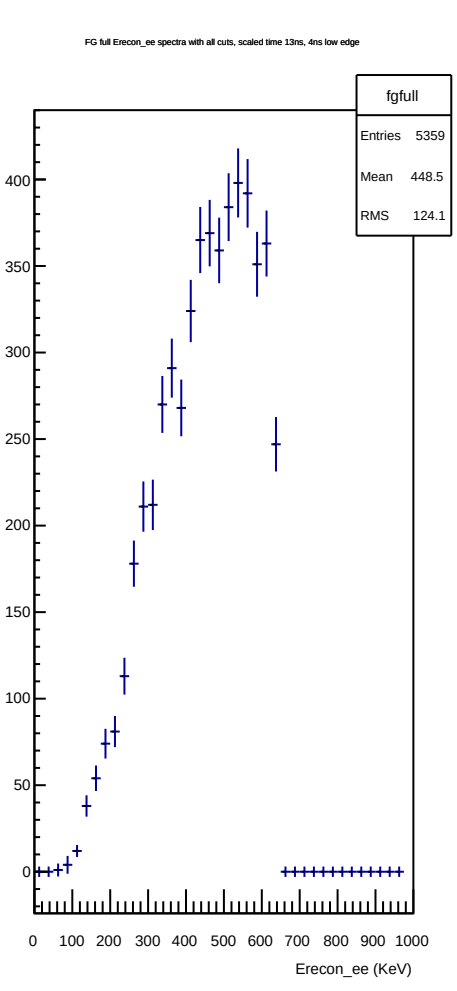
BG subtracted Erecon_ee

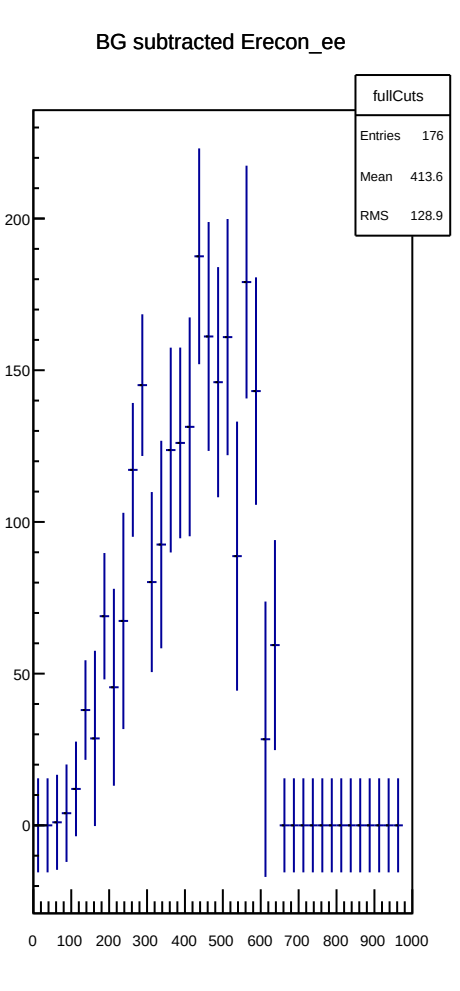



BG Erecon_ee scaled time 13ns, 4ns low edge
bgErecon_timeWin
Entries 6010
Mean 1224
RMS 603
0 20 40 60 80 100 120 140 160 180 200
0 500 1000 1500 2000 2500 3000 3500 4000
Erecon_ee (KeV)

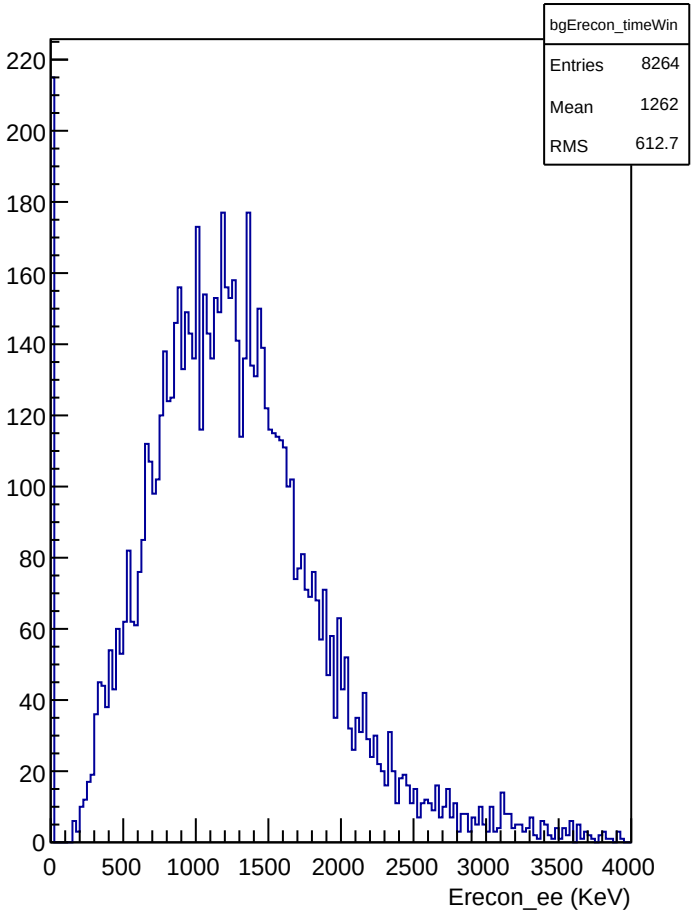

FG Erecon_ee scaled time 13ns, 4ns low edge
fgErecon_timeWin
Entries 32056
Mean 1150
RMS 613.2
0 200 400 600 800 1000
0 500 1000 1500 2000 2500 3000 3500 4000
Erecon_ee (KeV)


BG full Erecon_ee spectra with all cuts, scaled time 13ns, 4ns low edge
bgfull
Entries 616
Mean 473.9
RMS 114.3
Erecon_ee (KeV)

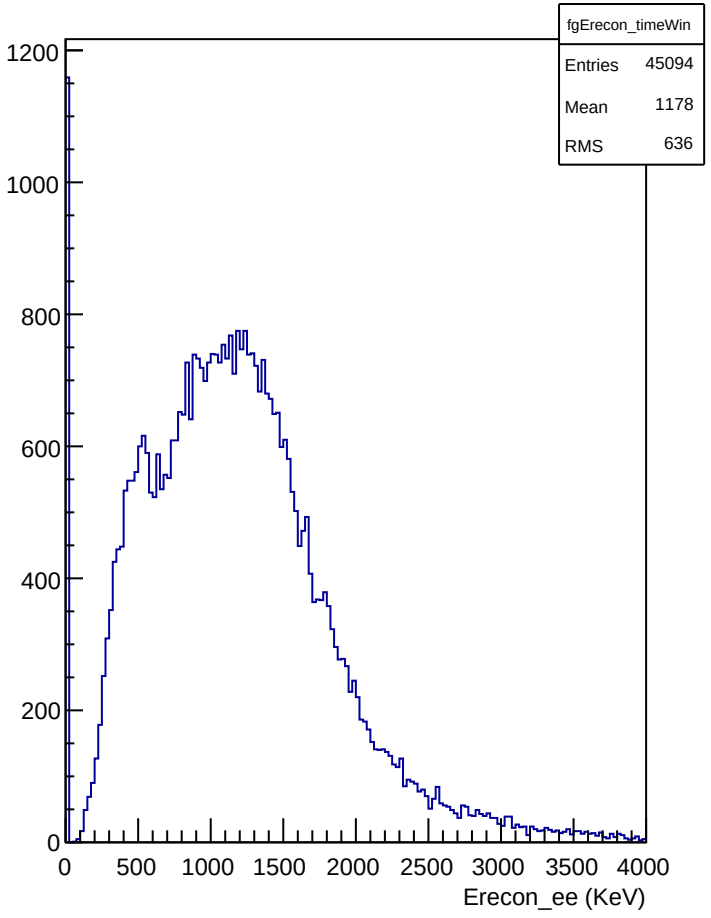

FG full Erecon_ee spectra with all cuts, scaled time 13ns, 4ns low edge
fgfull
Entries 5359
Mean 448.5
RMS 124.1
Erecon_ee (KeV)

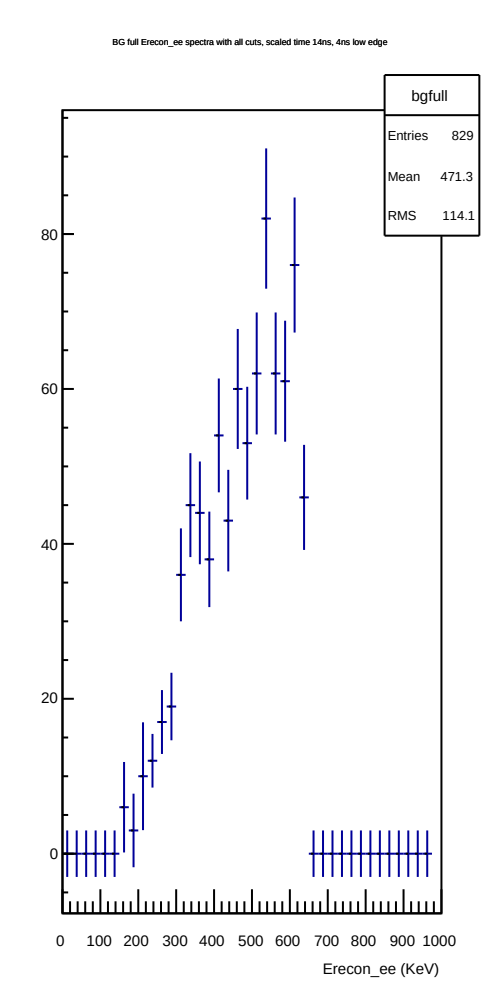

BG subtracted Erecon_ee
fullCuts
Entries 176
Mean 413.6
RMS 128.9

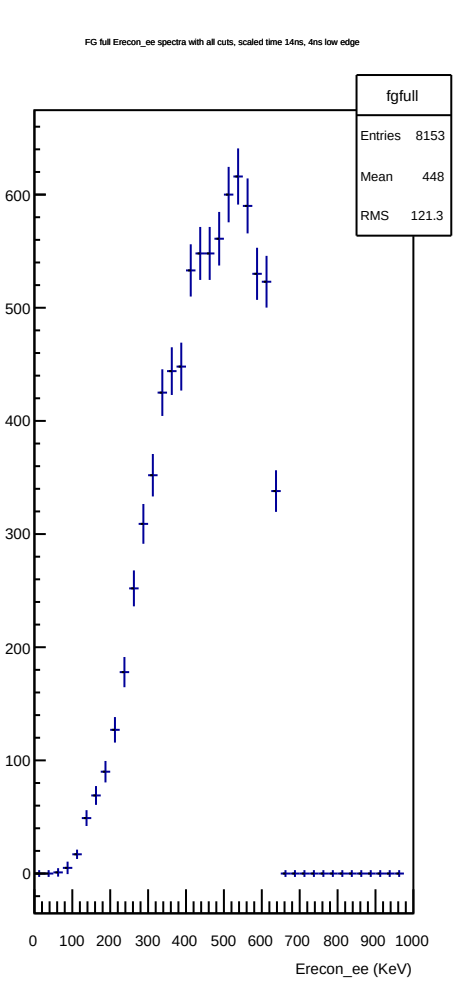
BG Erecon_ee scaled time 14ns, 4ns low edge

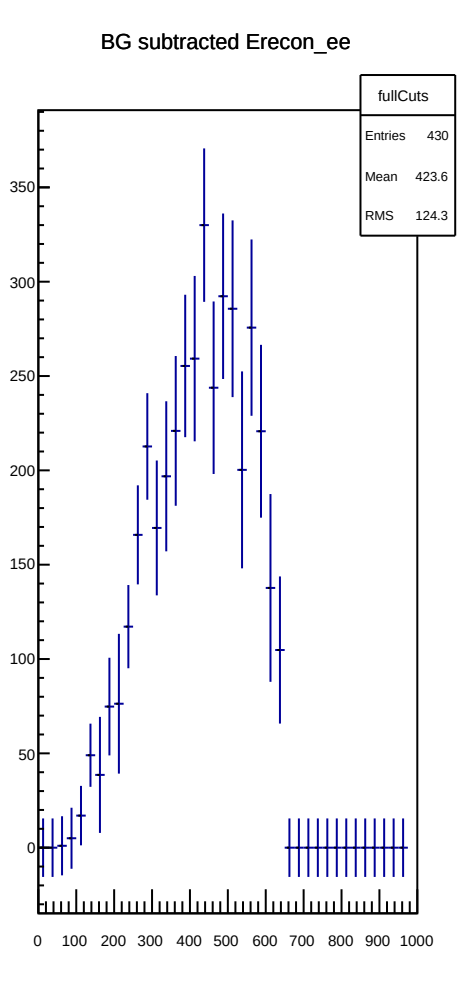


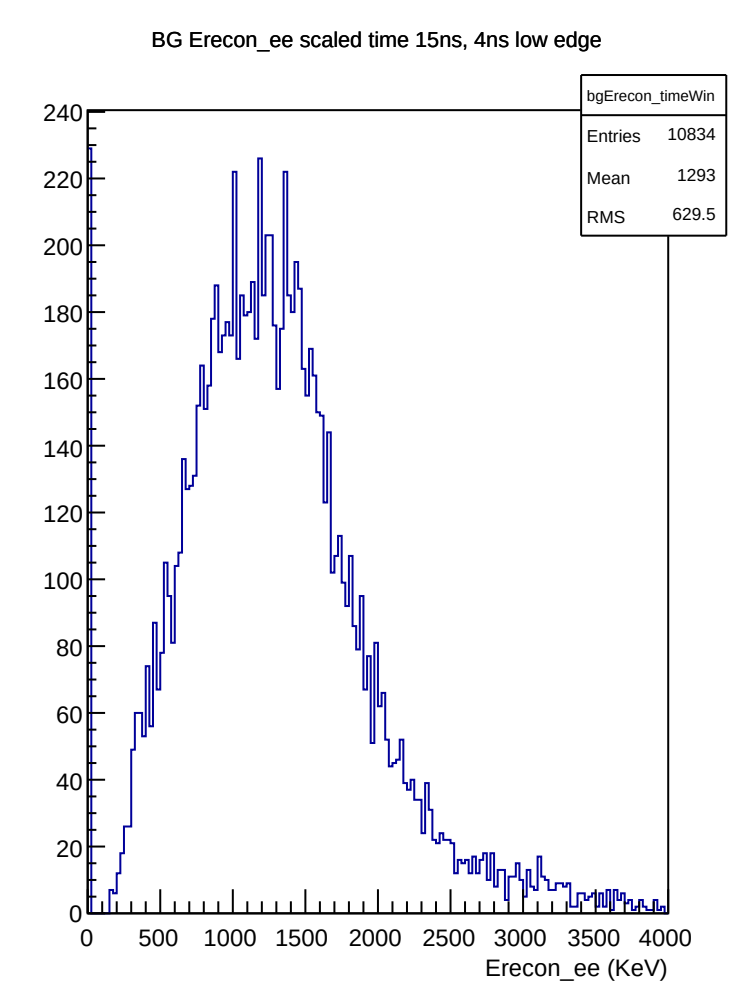
FG Erecon_ee scaled time 14ns, 4ns low edge

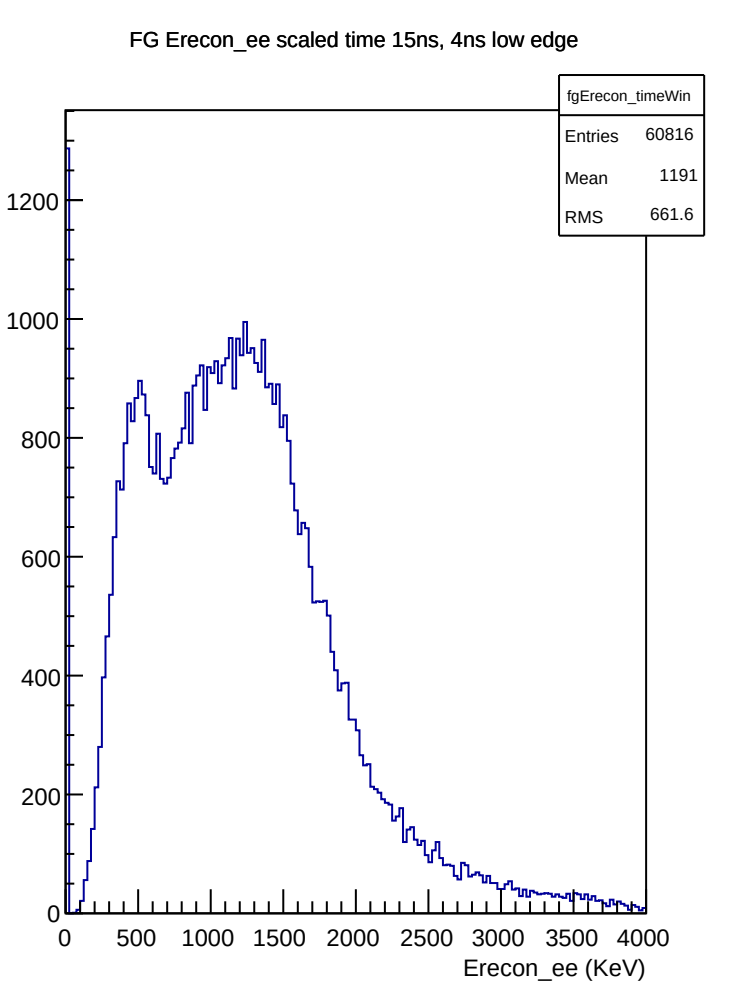


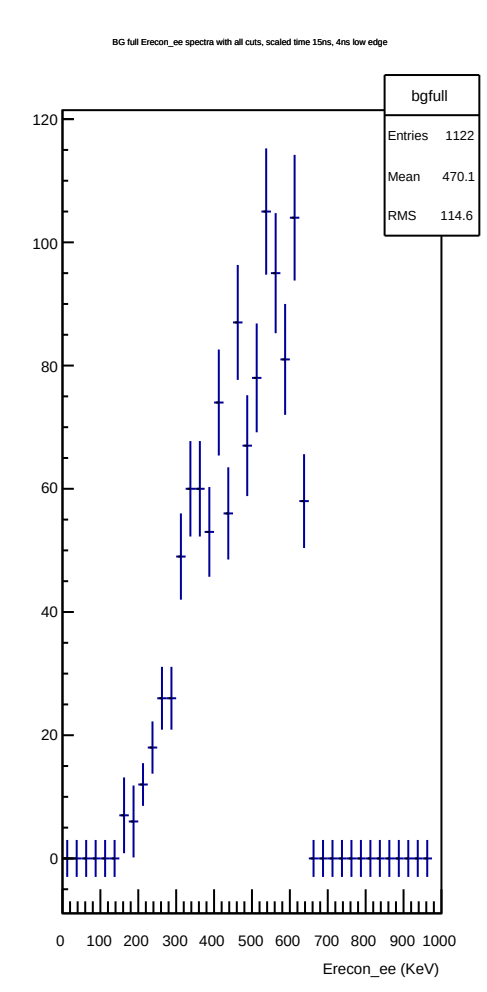

BG full Erecon_ee spectra with all cuts, scaled time 14ns, 4ns low edge
bgfull
Entries 829
Mean 471.3
RMS 114.1
Erecon_ee (KeV)

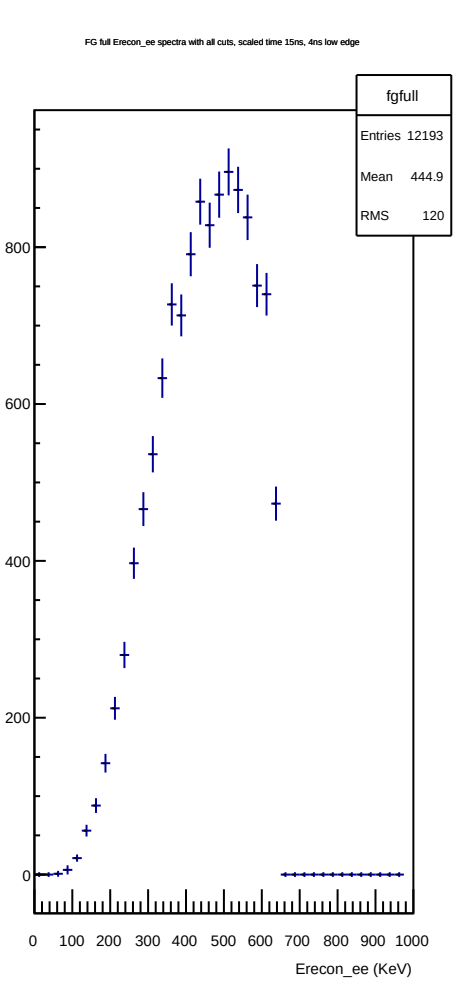

FG full Erecon_ee spectra with all cuts, scaled time 14ns, 4ns low edge
fgfull
Entries 8153
Mean 448
RMS 121.3
Erecon_ee (KeV)

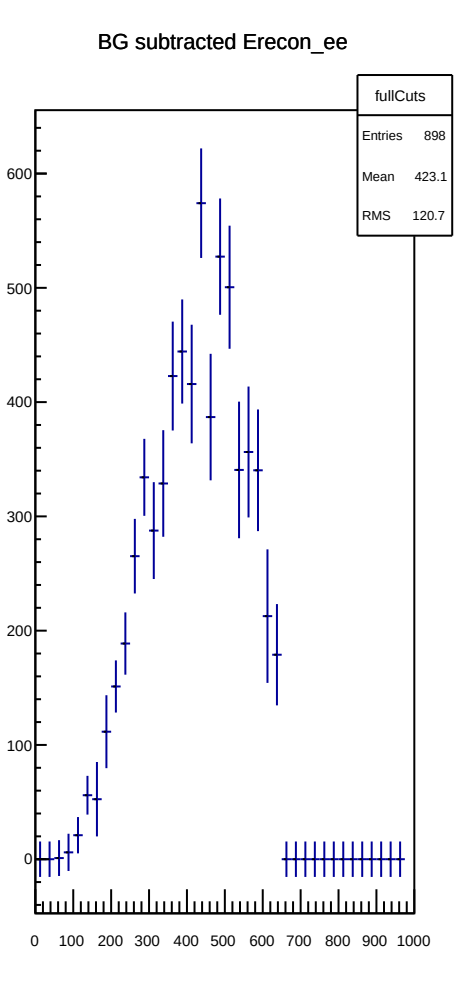

BG subtracted Erecon_ee
fullCuts
Entries 430
Mean 423.6
RMS 124.3

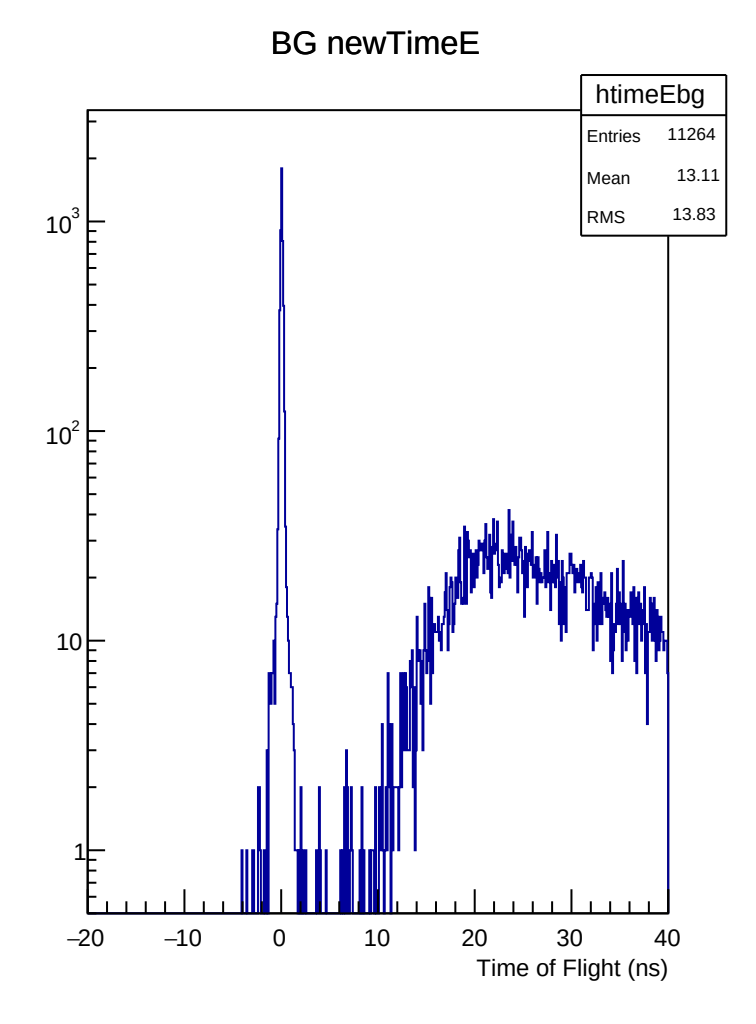

BG Erecon_ee scaled time 15ns, 4ns low edge
bgErecon_timeWin
Entries 10834
Mean 1293
RMS 629.5
240
220
200
180
160
140
120
100
80
60
40
20
0
0 500 1000 1500 2000 2500 3000 3500 4000
Erecon_ee (KeV)

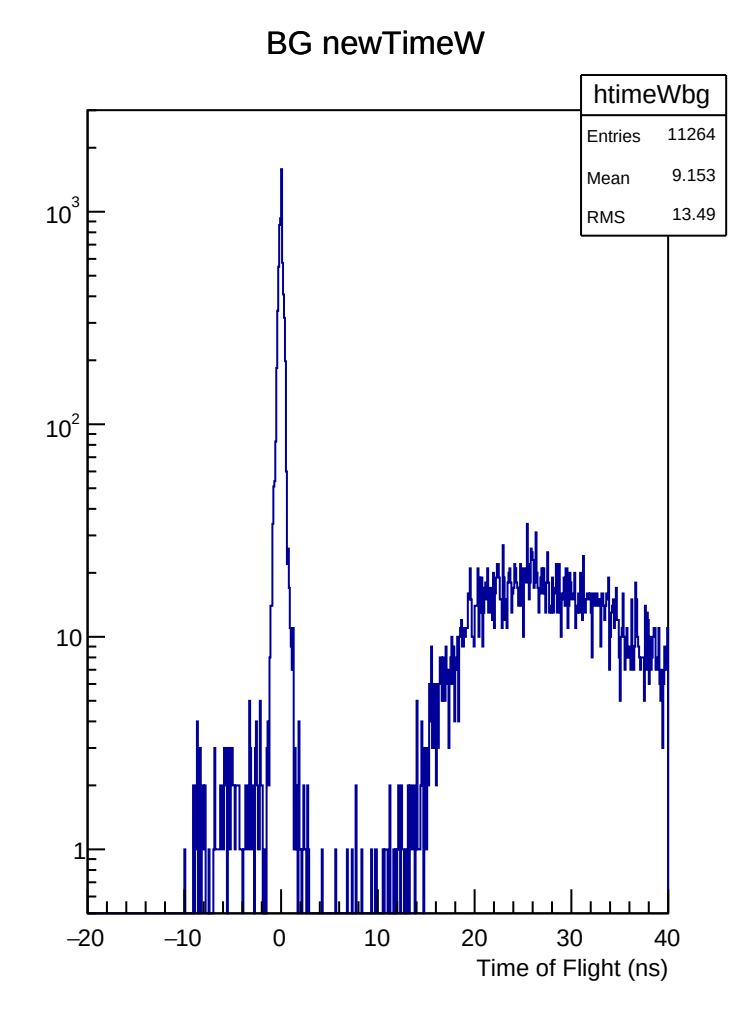

FG Erecon_ee scaled time 15ns, 4ns low edge
fgErecon_timeWin
Entries 60816
Mean 1191
RMS 661.6
1200
1000
800
600
400
200
0
0 500 1000 1500 2000 2500 3000 3500 4000
Erecon_ee (KeV)

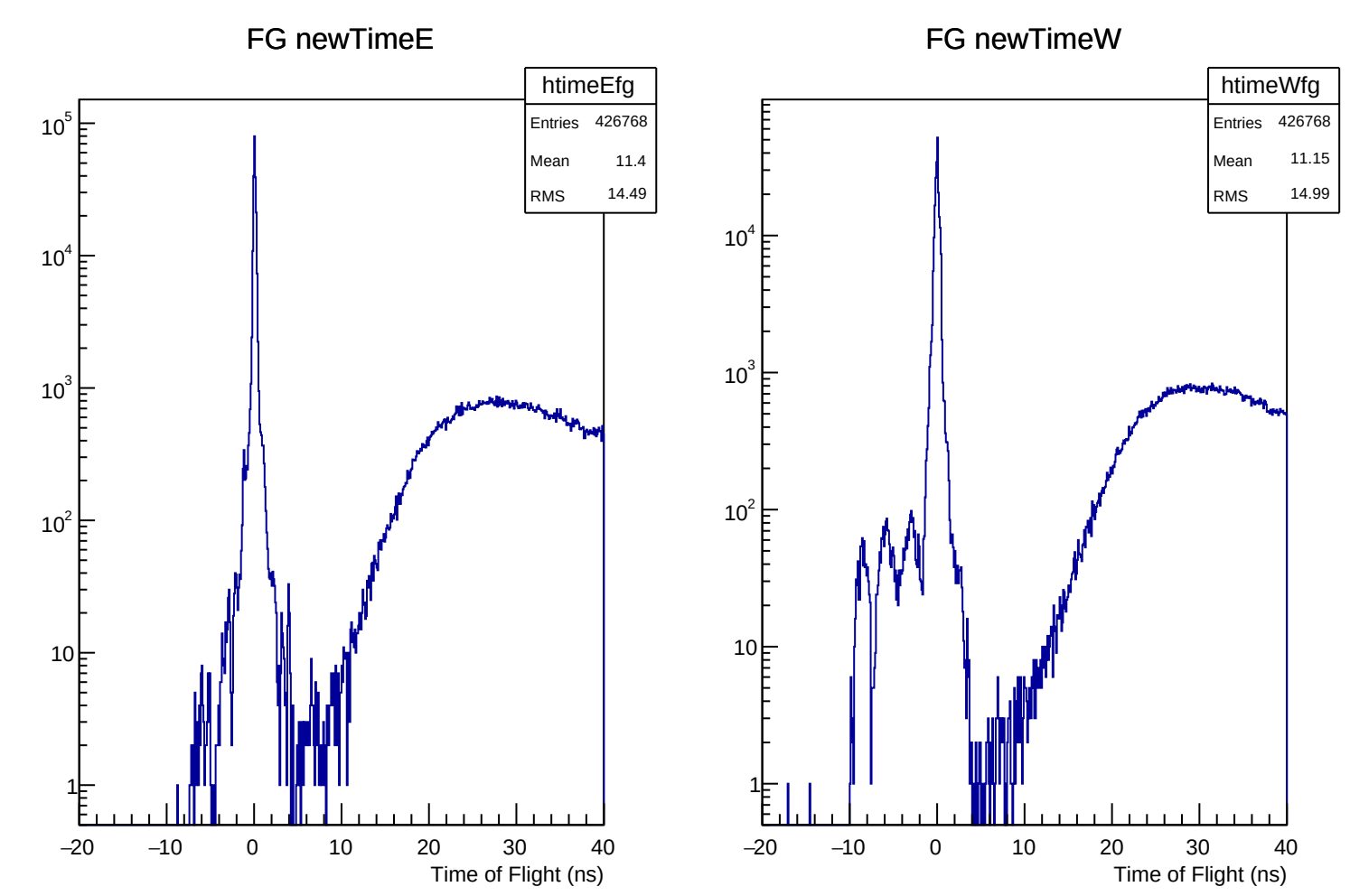

BG full Erecon_ee spectra with all cuts, scaled time 15ns, 4ns low edge
bgfull
Entries 1122
Mean 470.1
RMS 114.6
Erecon_ee (KeV)

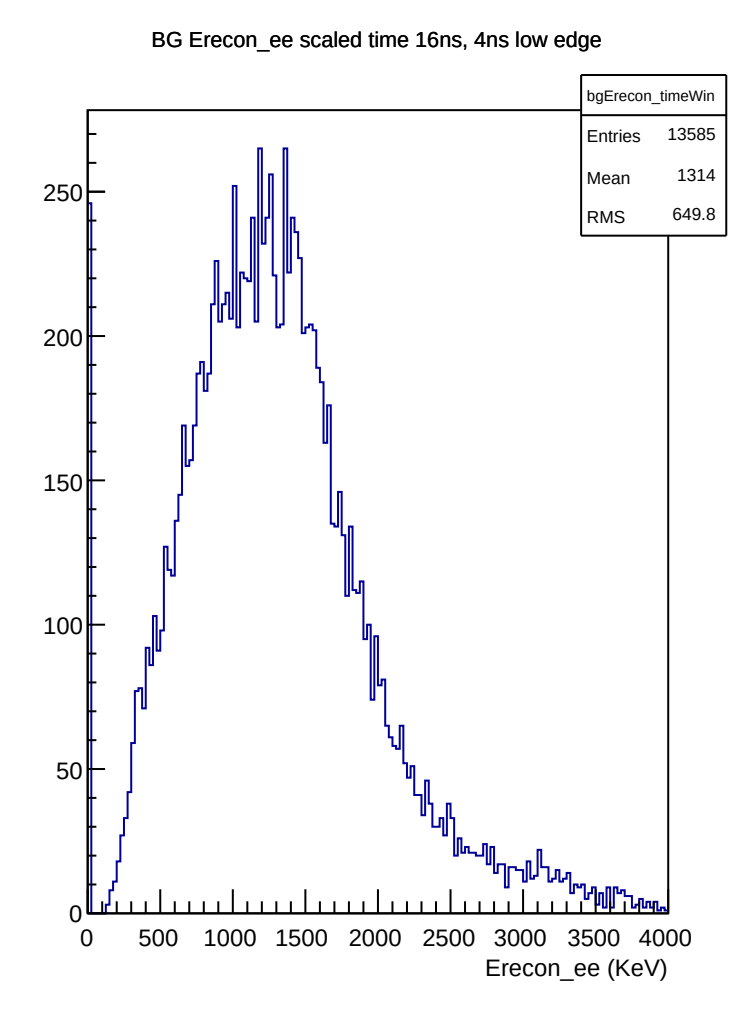

FG full Erecon_ee spectra with all cuts, scaled time 15ns, 4ns low edge
fgfull
Entries 12193
Mean 444.9
RMS 120
Erecon_ee (KeV)

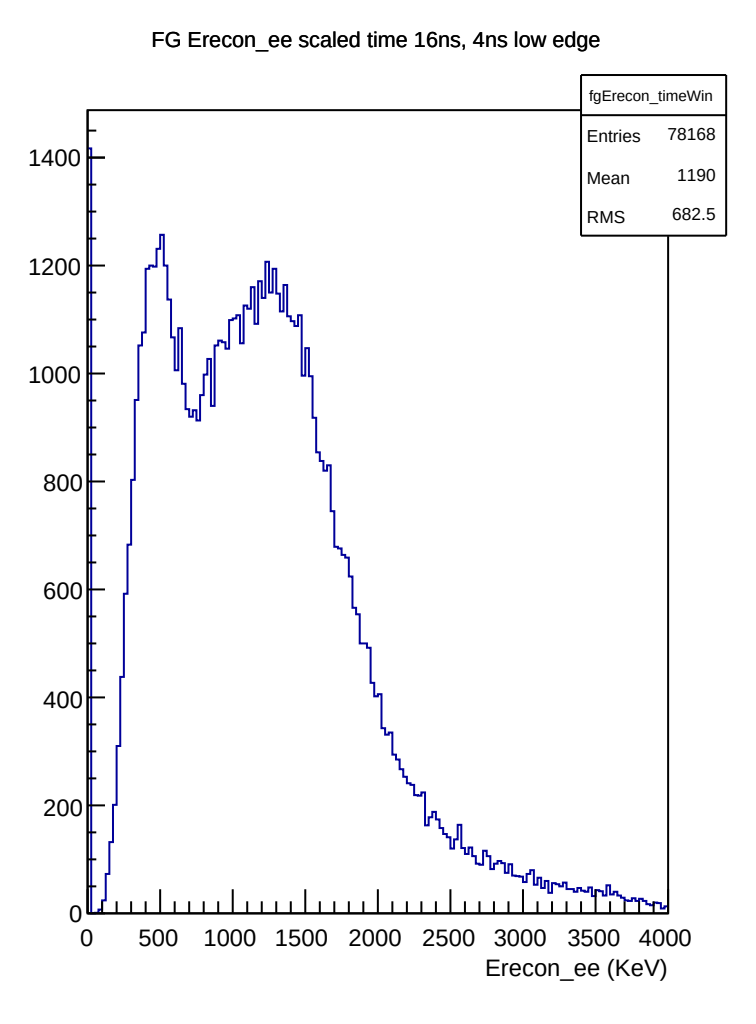

BG subtracted Erecon_ee
fullCuts
Entries 898
Mean 423.1
RMS 120.7

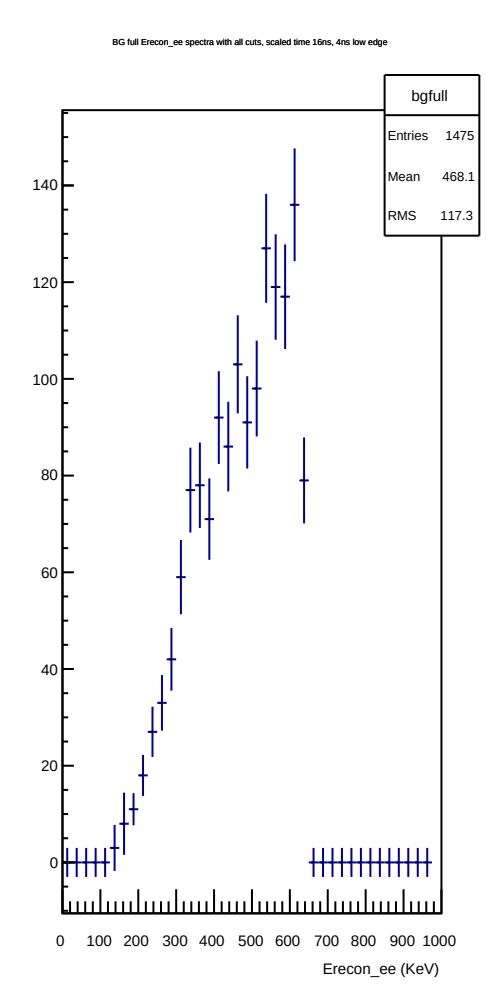

BG newTimeE
htimeEbg
Entries 11264
Mean 13.11
RMS 13.83
10^3
10^2
10
1
–20
–10
0
10
20
30
40
Time of Flight (ns)

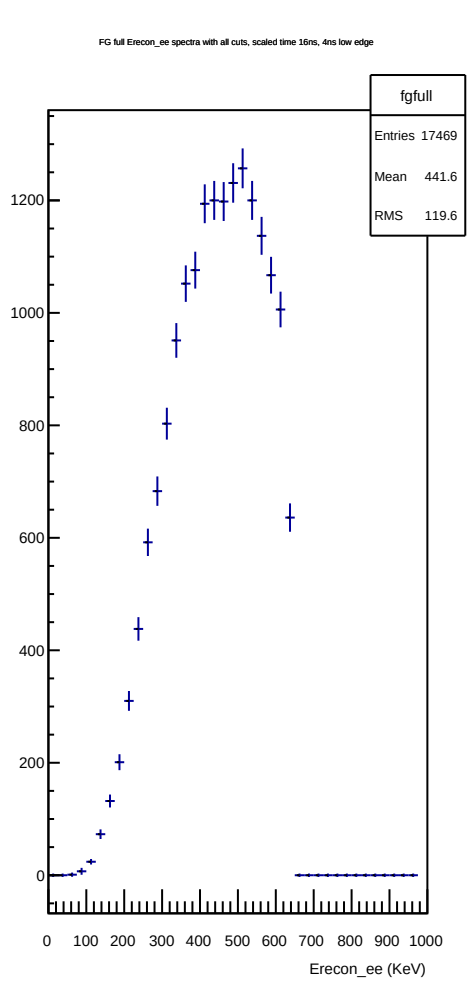

BG newTimeW
htimeWbg
Entries 11264
Mean 9.153
RMS 13.49
10^3
10^2
10
1
–20
–10
0
10
20
30
40
Time of Flight (ns)

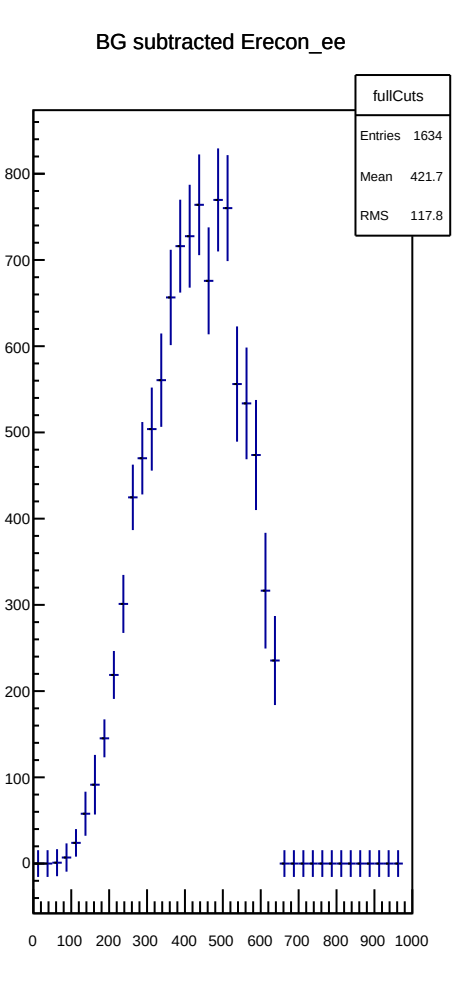

FG newTimeE
htimeEfg
Entries 426768
Mean 11.4
RMS 14.49
Time of Flight (ns)
FG newTimeW
htimeWfg
Entries 426768
Mean 11.15
RMS 14.99
Time of Flight (ns)

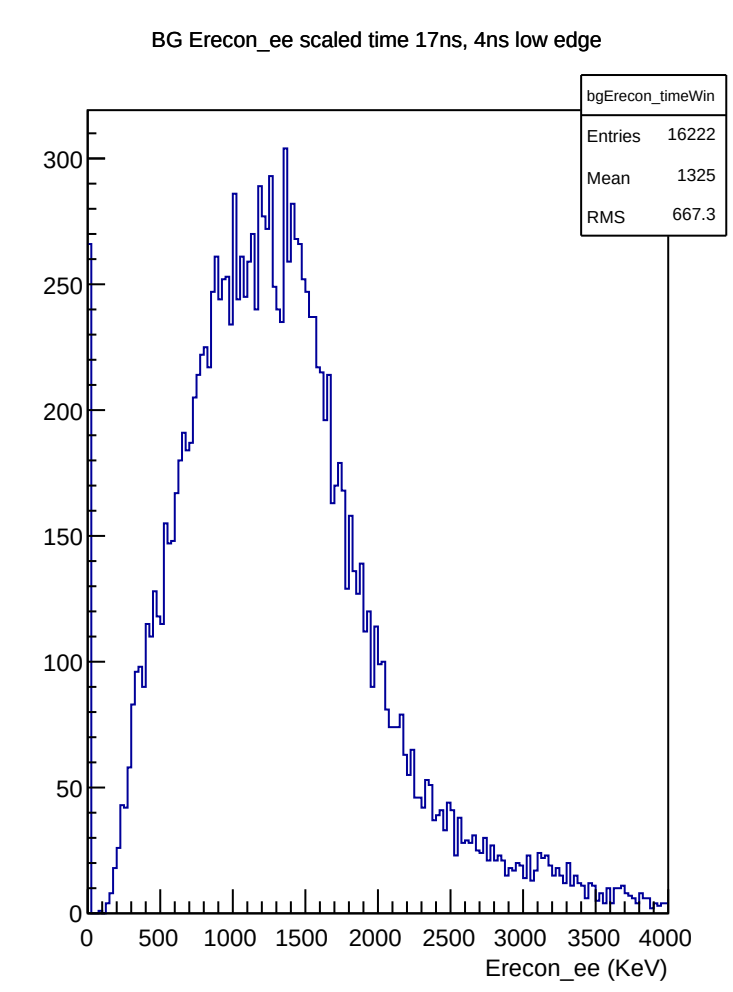

BG Erecon_ee scaled time 16ns, 4ns low edge
bgErecon_timeWin
Entries 13585
Mean 1314
RMS 649.8
0
50
100
150
200
250
0 500 1000 1500 2000 2500 3000 3500 4000
Erecon_ee (KeV)

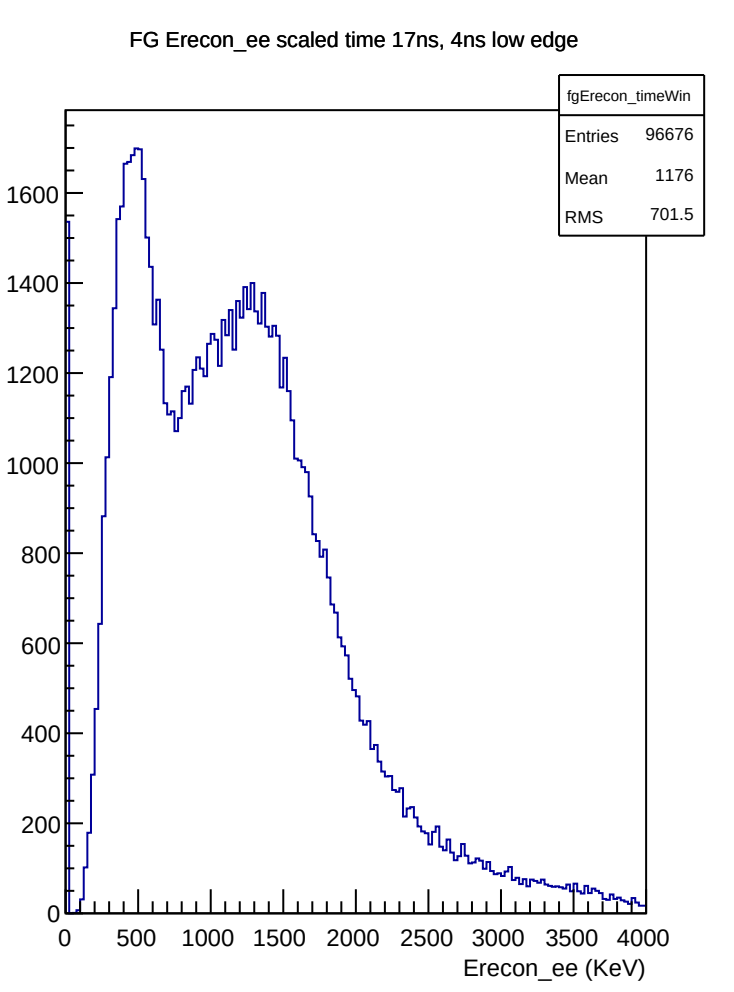

FG Erecon_ee scaled time 16ns, 4ns low edge
fgErecon_timeWin
Entries 78168
Mean 1190
RMS 682.5
0
200
400
600
800
1000
1200
1400
0 500 1000 1500 2000 2500 3000 3500 4000
Erecon_ee (KeV)

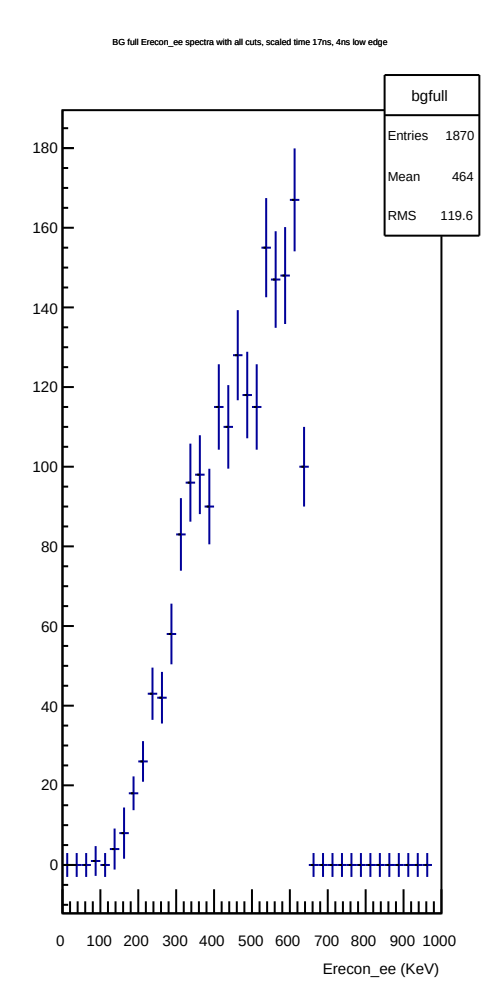

BG full Erecon_ee spectra with all cuts, scaled time 16ns, 4ns low edge
bgfull
Entries 1475
Mean 468.1
RMS 117.3
Erecon_ee (KeV)

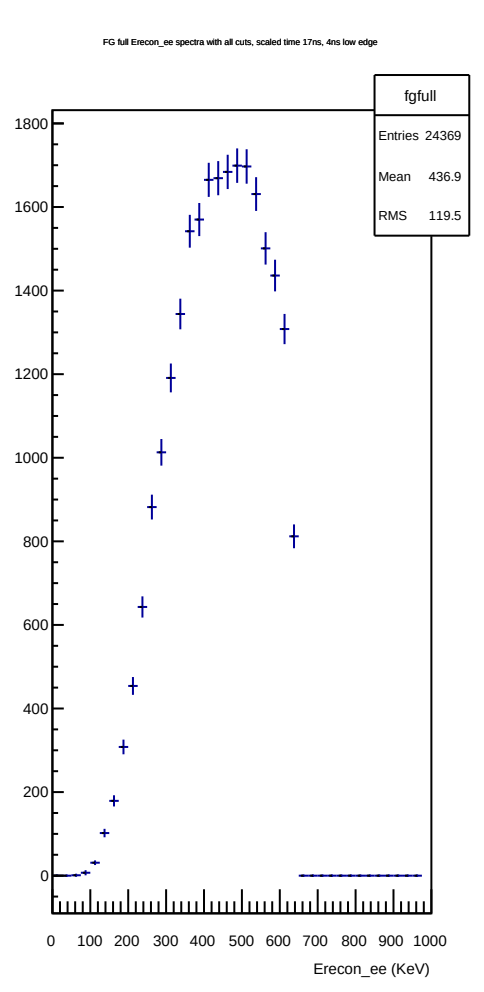

FG full Erecon_ee spectra with all cuts, scaled time 16ns, 4ns low edge
fgfull
Entries 17469
Mean 441.6
RMS 119.6
Erecon_ee (KeV)

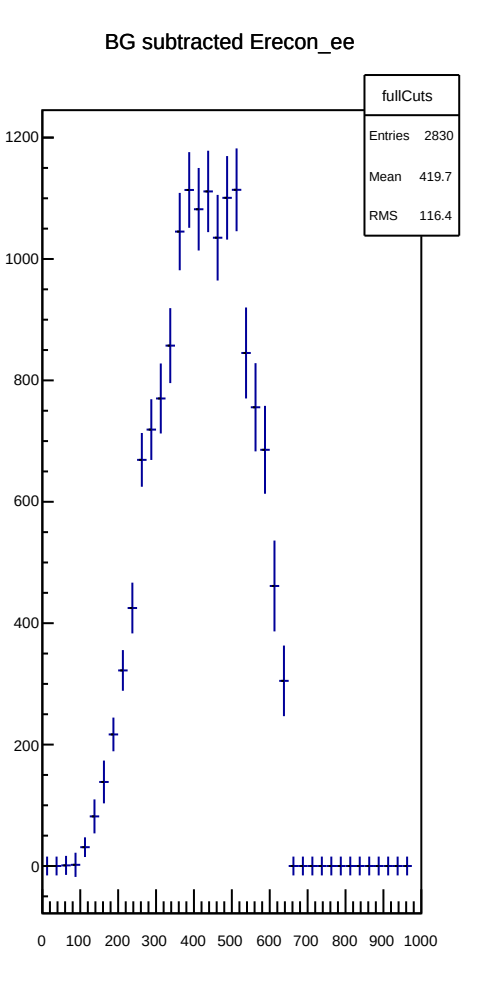

BG subtracted Erecon_ee
fullCuts
Entries 1634
Mean 421.7
RMS 117.8


BG Erecon_ee scaled time 17ns, 4ns low edge
bgErecon_timeWin
Entries 16222
Mean 1325
RMS 667.3
300
250
200
150
100
50
0
0 500 1000 1500 2000 2500 3000 3500 4000
Erecon_ee (KeV)

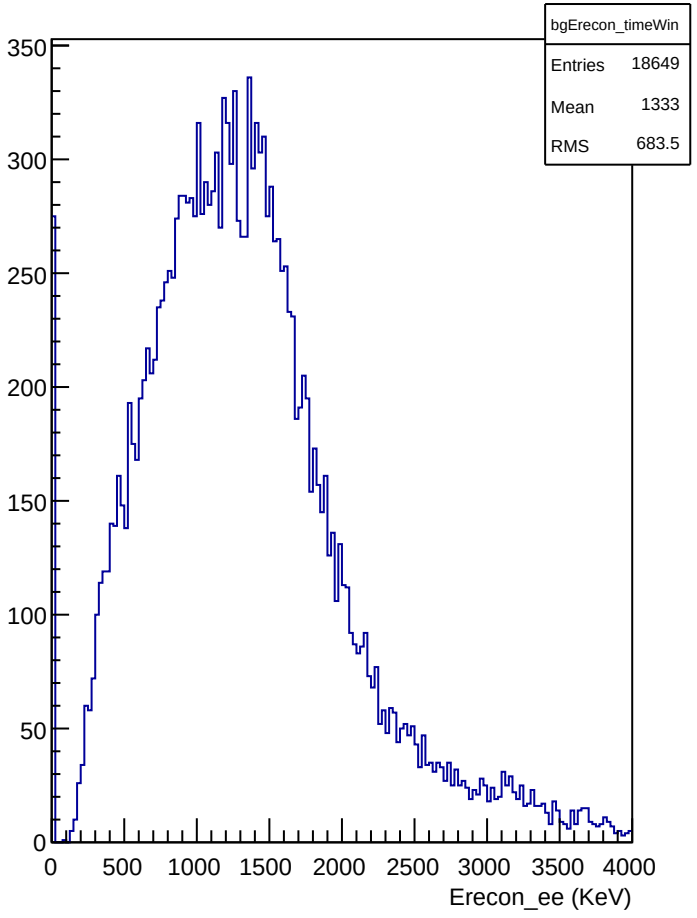

FG Erecon_ee scaled time 17ns, 4ns low edge
fgErecon_timeWin
Entries 96676
Mean 1176
RMS 701.5
1600
1400
1200
1000
800
600
400
200
0
0 500 1000 1500 2000 2500 3000 3500 4000
Erecon_ee (KeV)


BG full Erecon_ee spectra with all cuts, scaled time 17ns, 4ns low edge
bgfull
Entries 1870
Mean 464
RMS 119.6
Erecon_ee (KeV)

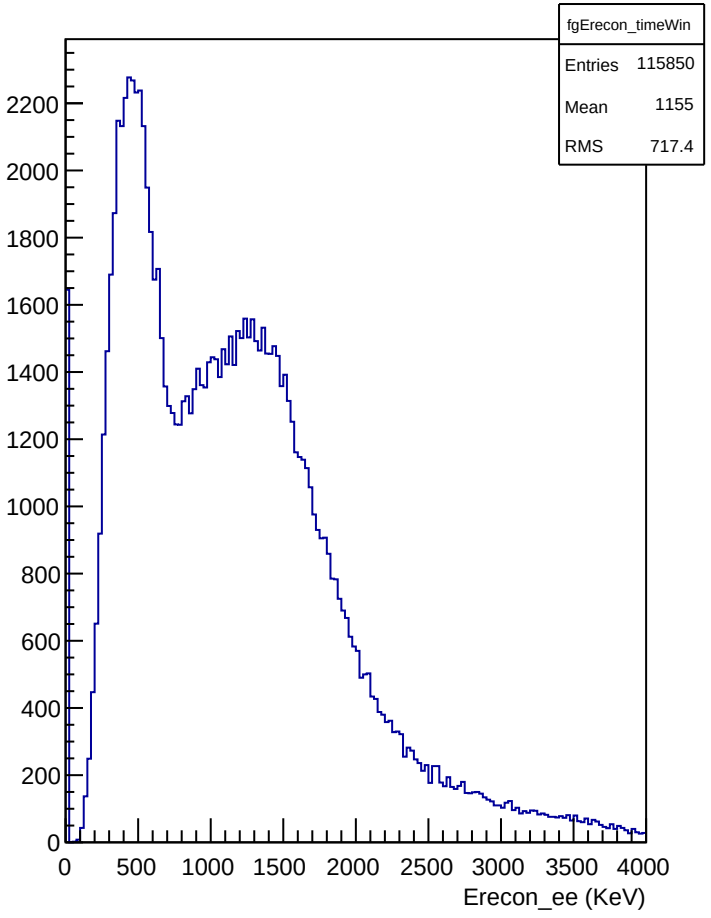

FG full Erecon_ee spectra with all cuts, scaled time 17ns, 4ns low edge
fgfull
Entries 24369
Mean 436.9
RMS 119.5
Erecon_ee (KeV)

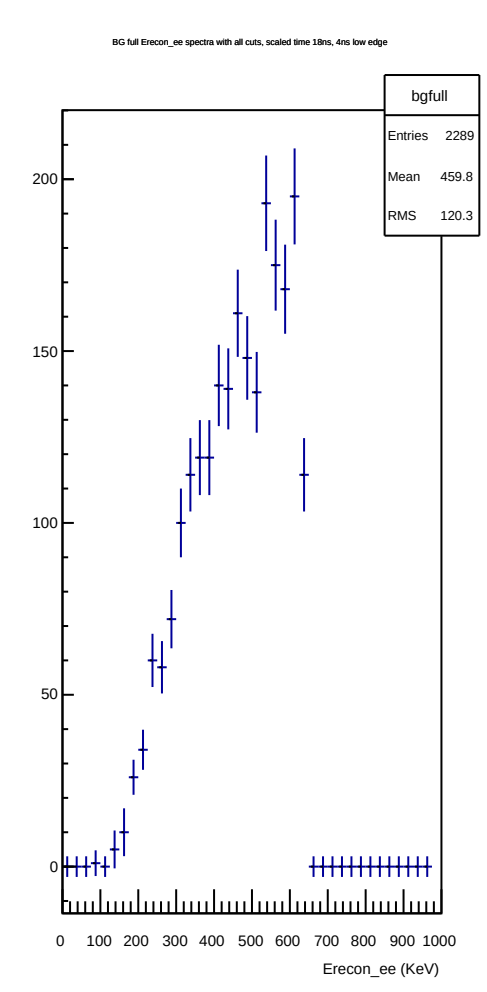

BG subtracted Erecon_ee
fullCuts
Entries 2830
Mean 419.7
RMS 116.4

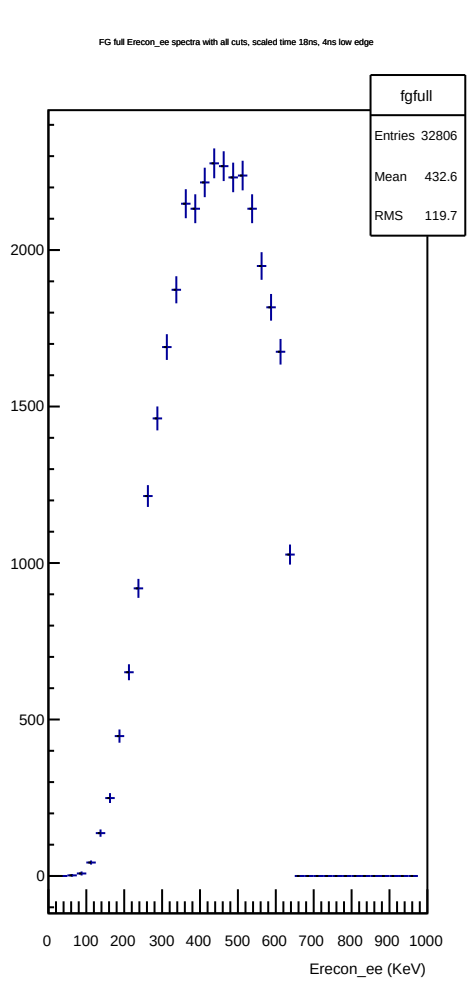
BG Erecon_ee scaled time 18ns, 4ns low edge

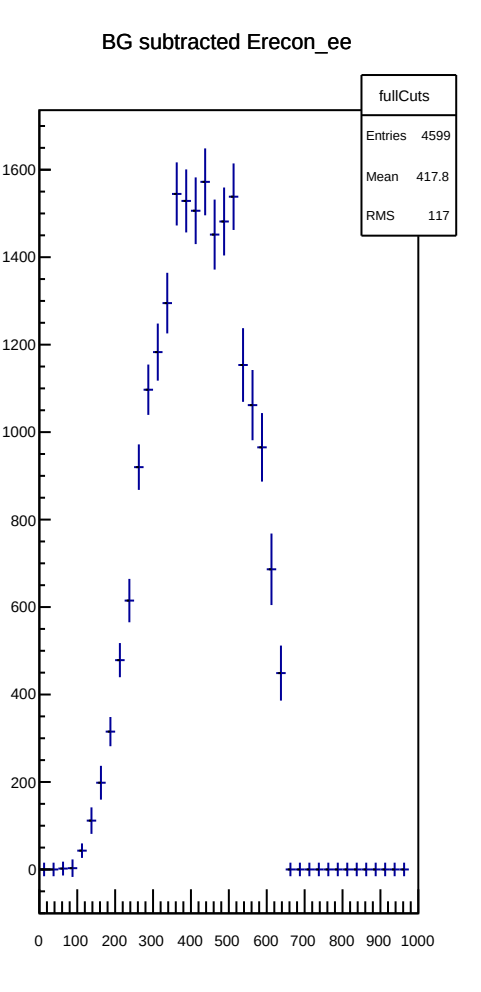


FG Erecon_ee scaled time 18ns, 4ns low edge




BG full Erecon_ee spectra with all cuts, scaled time 18ns, 4ns low edge
bgfull
Entries 2289
Mean 459.8
RMS 120.3
200
150
100
50
0
0 100 200 300 400 500 600 700 800 900 1000
Erecon_ee (KeV)


FG full Erecon_ee spectra with all cuts, scaled time 18ns, 4ns low edge
fgfull
Entries 32806
Mean 432.6
RMS 119.7
2000
1500
1000
500
0
0 100 200 300 400 500 600 700 800 900 1000
Erecon_ee (KeV)


BG subtracted Erecon_ee
fullCuts
Entries 4599
Mean 417.8
RMS 117
1600
1400
1200
1000
800
600
400
200
0
0 100 200 300 400 500 600 700 800 900 1000