1185 PE distribution x=0mm y=0mm

run 1185 merged 812 events

FEB 1 channel 0, <PE>=3.388 σ=16.14

FEB 1 channel 1, <PE>=3.779 σ=16.49

Total <PE>=4.278 σ=10.62

Fit <PE>=10 σ=9.696

Counts
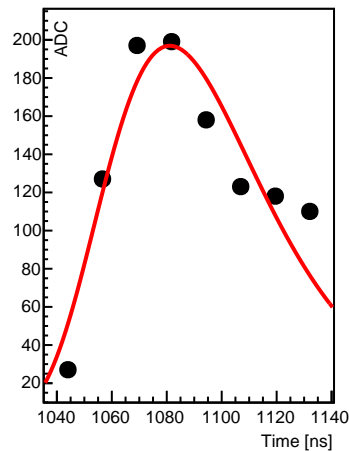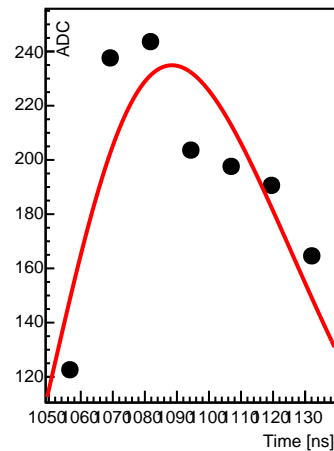
PE

Example of a 205PE pulse

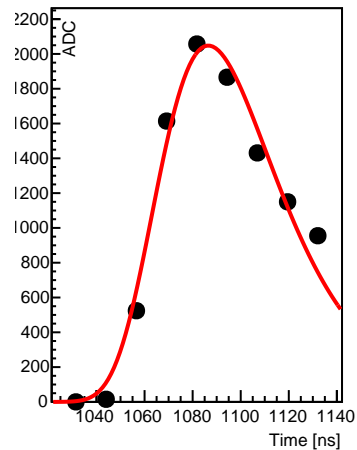Example of a 208PE pulse
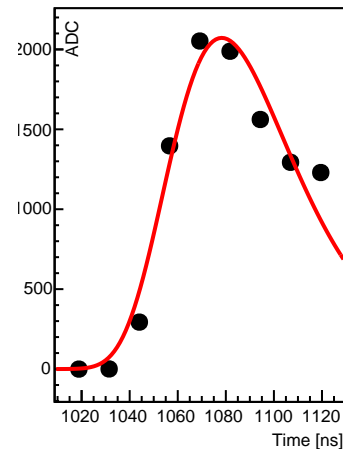
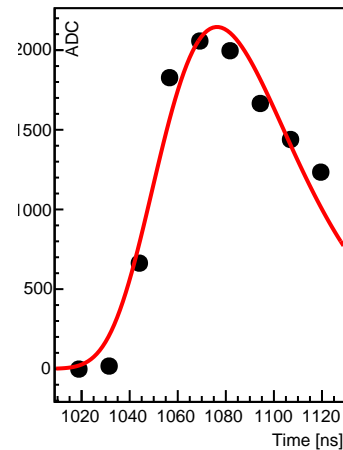Example of a 22PE pulse

Example of a 35PE pulse

ADC

Time [ns]

1185 PE distribution x=0mm y=0mm

run 1185 merged 8177 events

FEB 1 channel 2, <PE>=186.8 σ=29.18

FEB 1 channel 3, <PE>=196.3 σ=40.66
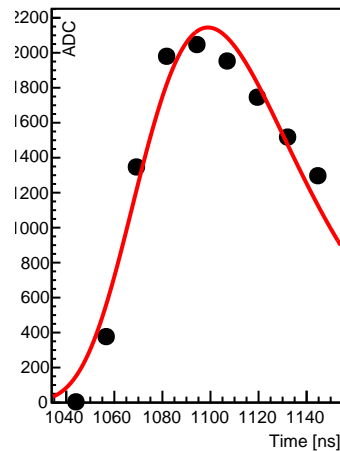
Total <PE>=191.5 σ=60.27
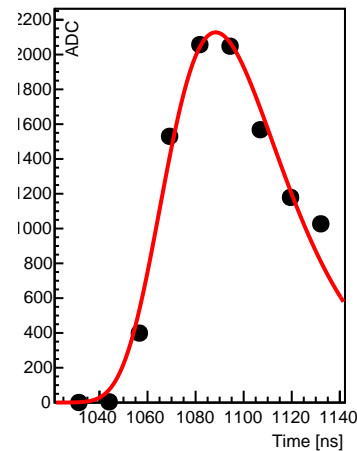
Fit <PE>=200 σ=546.9
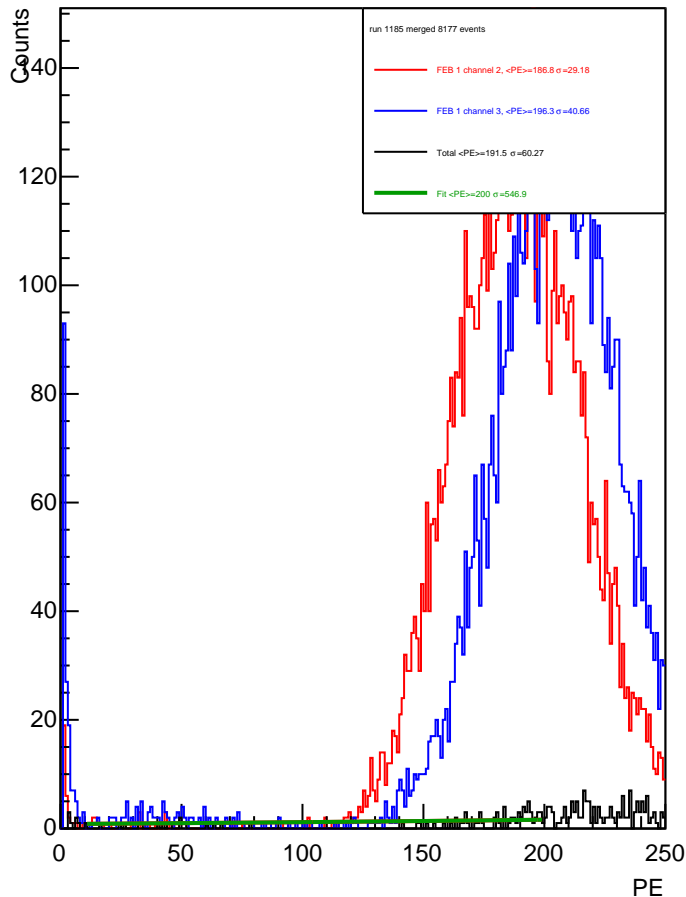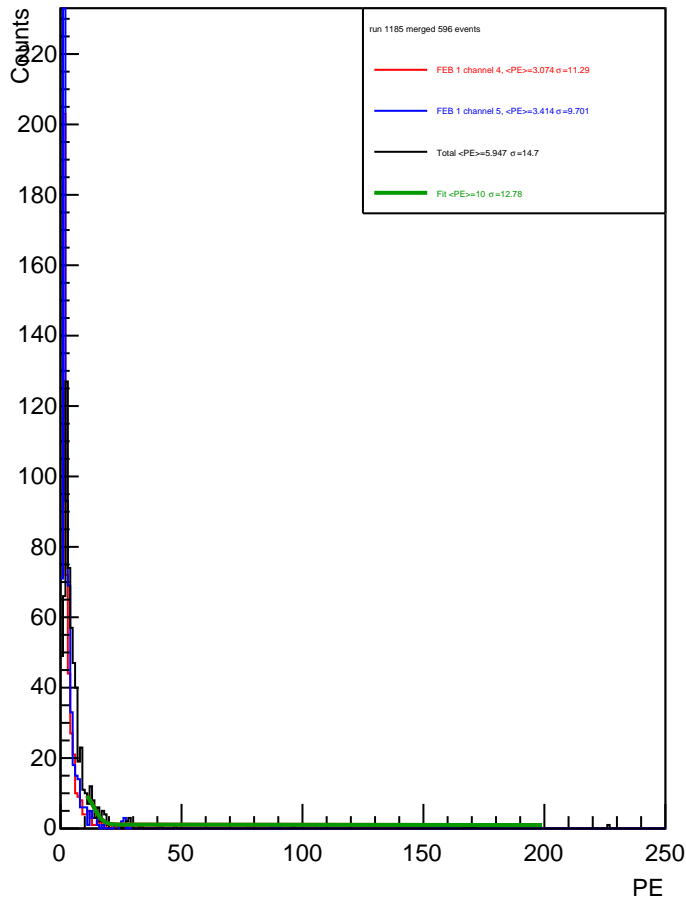
Example of a 197PE pulse
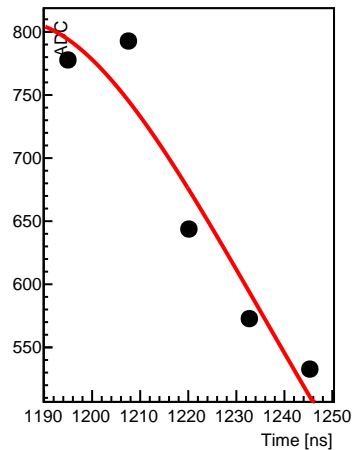
Example of a 237PE pulse
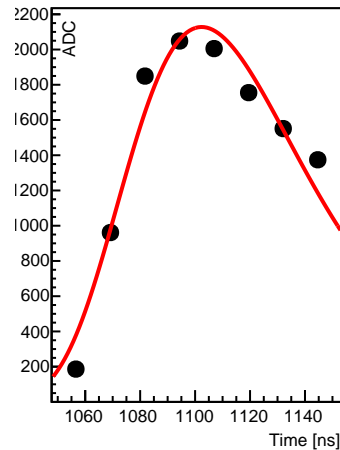
Example of a 269PE pulse

Example of a 203PE pulse

1185 PE distribution x=0mm y=0mm

run 1185 merged 596 events

FEB 1 channel 4, <PE>=3.074 σ =11.29

FEB 1 channel 5, <PE>=3.414 σ =9.701

Total <PE>=5.947 σ =14.7

Fit <PE>=10 σ =12.78

Counts

PE

Example of a 169PE pulse

ADC

Time [ns]

Example of a 264PE pulse

ADC

Time [ns]

Example of a 188PE pulse

ADC

Time [ns]

Example of a 153PE pulse

ADC

Time [ns]

1185 PE distribution x=0mm y=0mm

run 1185 merged 1448 events

FEB 1 channel 6, <PE>=168.4 σ=72.13

FEB 1 channel 7, <PE>=159 σ=81.54
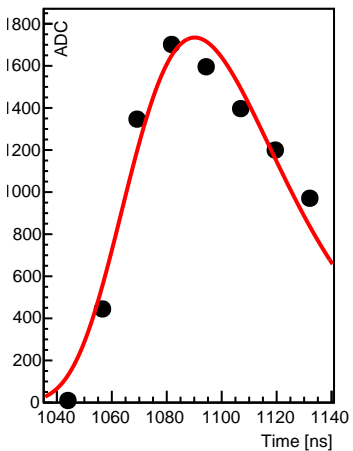
Total <PE>=177.1 σ=74.73
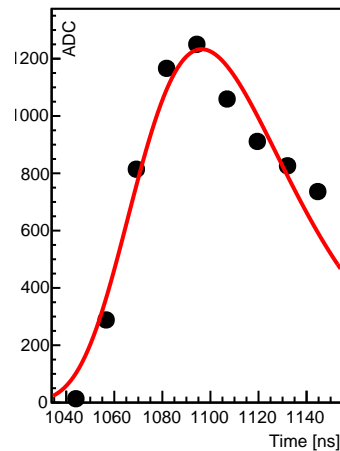
Fit <PE>=200 σ=560.7
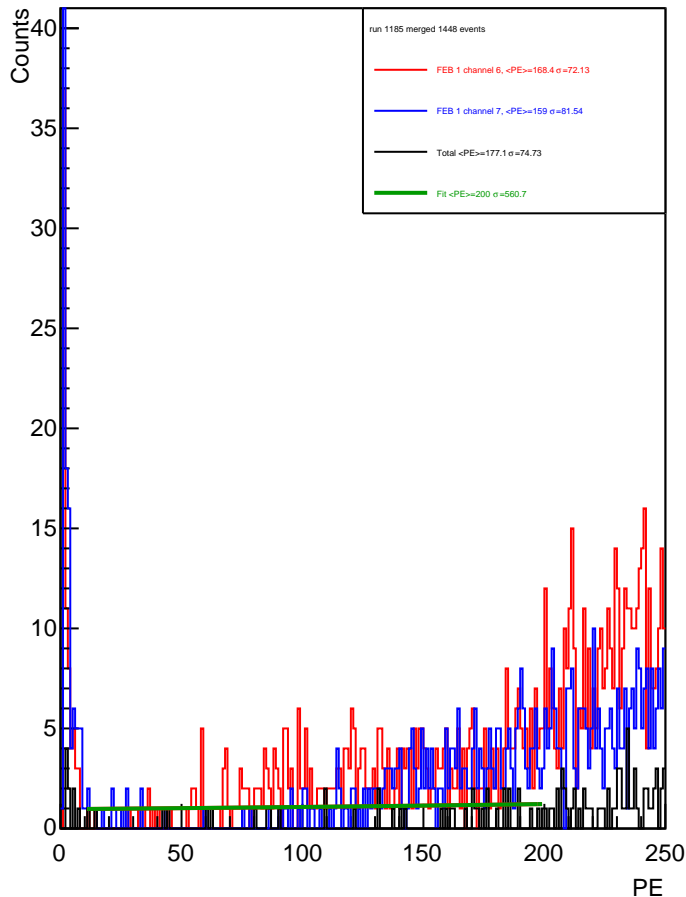
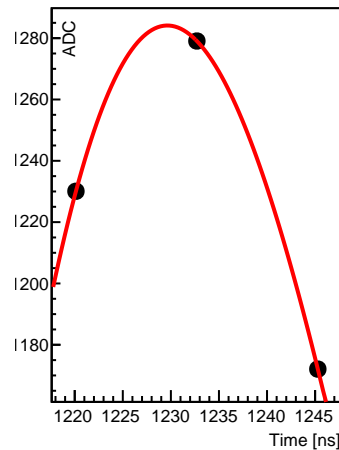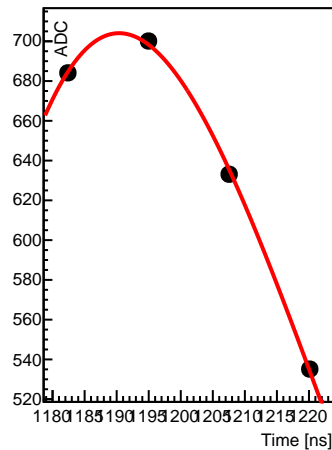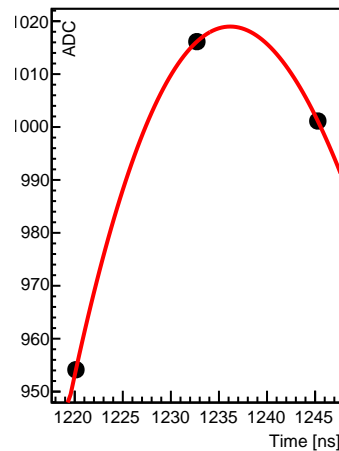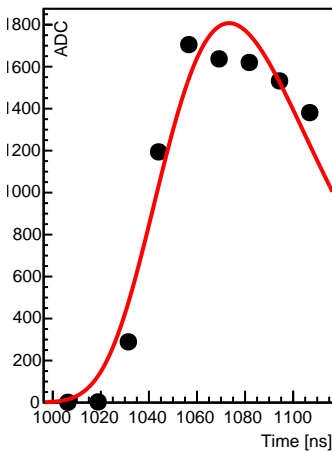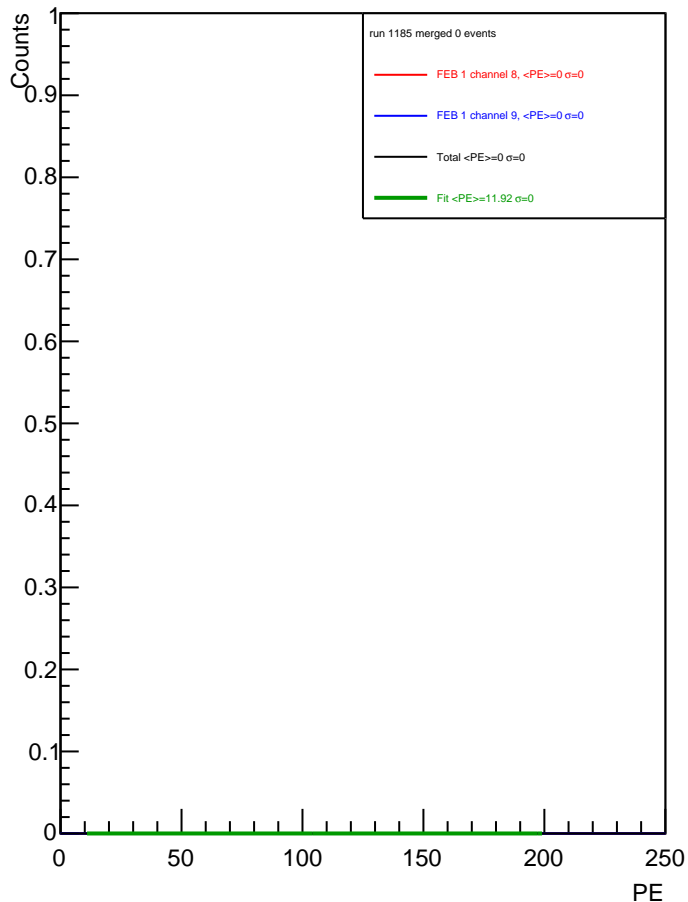Example of a 164PE pulse
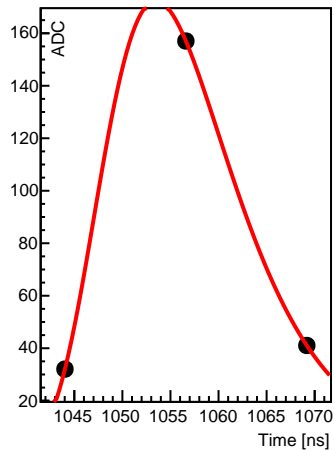
Example of a 93PE pulse
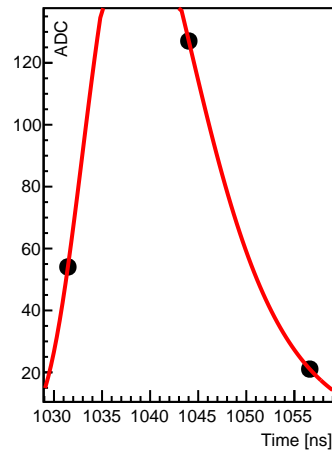
Example of a 180PE pulse

Example of a 221PE pulse

1185 PE distribution x=0mm y=0mm

run 1185 merged 0 events

FEB 1 channel 8, <PE>=0 σ=0

FEB 1 channel 9, <PE>=0 σ=0

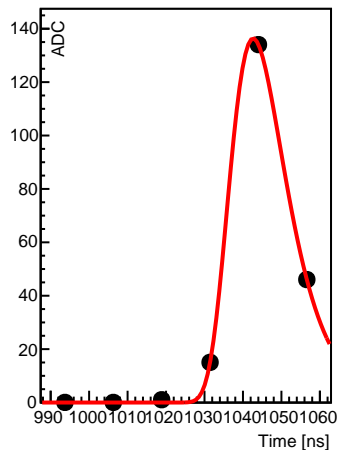Total <PE>=0 σ=0
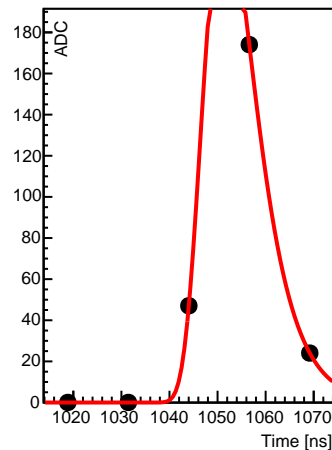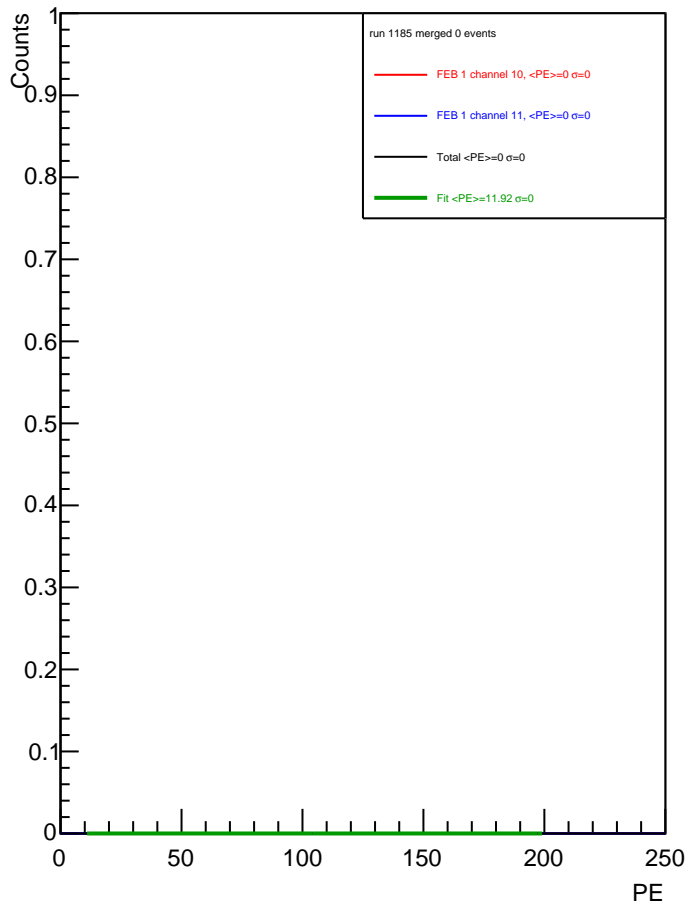
Fit <PE>=11.92 σ=0

Counts

PE

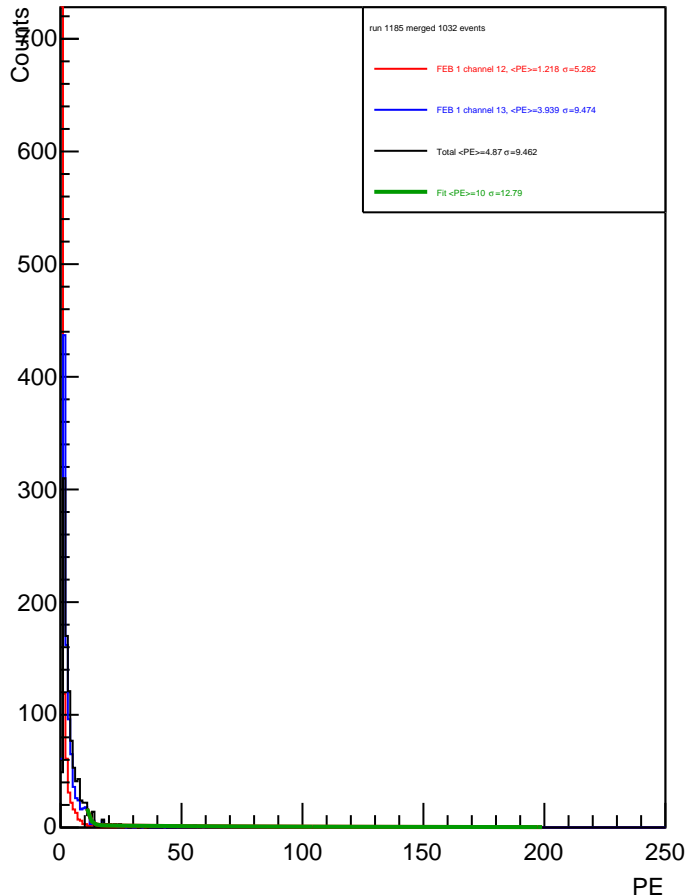Example of a 25PE pulse

Example of a 22PE pulse

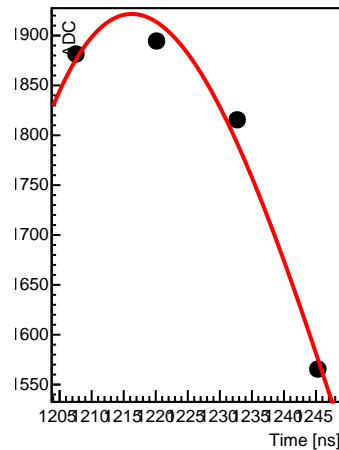Example of a 21PE pulse

Example of a 28PE pulse

ADC
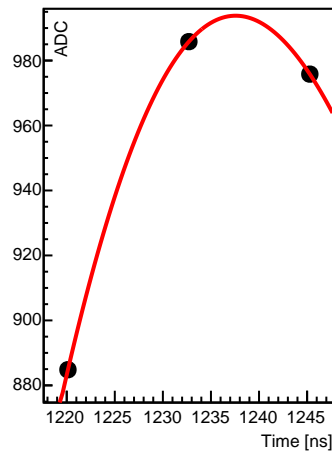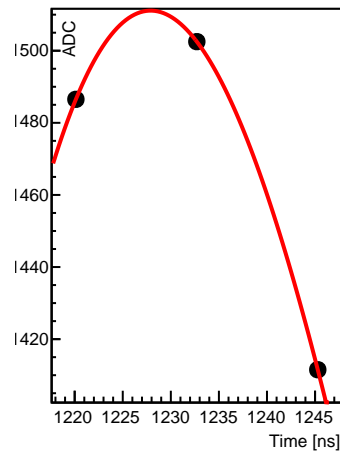
Time [ns]

1185 PE distribution x=0mm y=0mm

run 1185 merged 0 events

FEB 1 channel 10, <PE>=0 σ=0

FEB 1 channel 11, <PE>=0 σ=0

Total <PE>=0 σ=0

Fit <PE>=11.92 σ=0

Counts

PE

1185 PE distribution x=0mm y=0mm

run 1185 merged 1032 events

FEB 1 channel 12, <PE>=1.218 σ=5.282

FEB 1 channel 13, <PE>=3.939 σ=9.474

Total <PE>=4.87 σ=9.462

Fit <PE>=10. σ=12.79

Counts

PE

Example of a 197PE pulse

ADC

Time [ns]

Example of a 74PE pulse

ADC

Time [ns]

Example of a 96PE pulse

ADC

Time [ns]

Example of a 166PE pulse

ADC

Time [ns]

1185 PE distribution x=0mm y=0mm

Counts

run 1185 merged 767 events

FEB 1 channel 14, <PE>=95.91 σ=60.42

FEB 1 channel 15, <PE>=59.67 σ=47.03

Total <PE>=135.2 σ=58.22

Fit <PE>=126.7 σ=260.1

PE

Example of a 22PE pulse

ADC

Time [ns]

Example of a 183PE pulse

ADC

Time [ns]

Example of a 101PE pulse

ADC

Time [ns]

Example of a 20PE pulse

ADC

Time [ns]

1185 PE distribution x=0mm y=0mm

run 1185 merged 817 events

FEB 2 channel 0, <PE>=2.4 σ=6.762

FEB 2 channel 1, <PE>=3.663 σ=5.598

Total <PE>=5.855 σ=7.437

Fit <PE>=10 σ=15.59
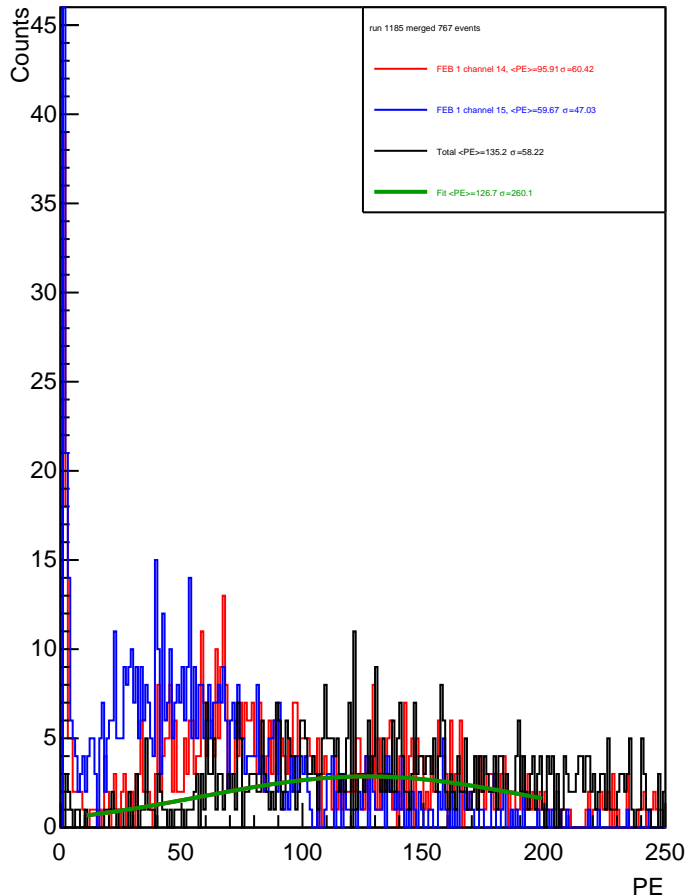
Example of a 55PE pulse
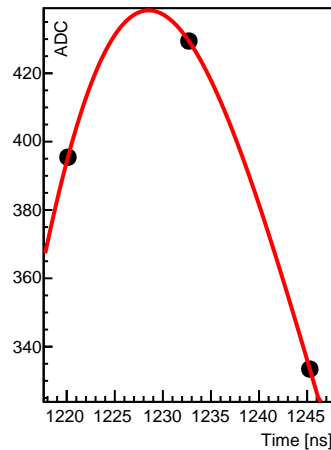
Example of a 247PE pulse
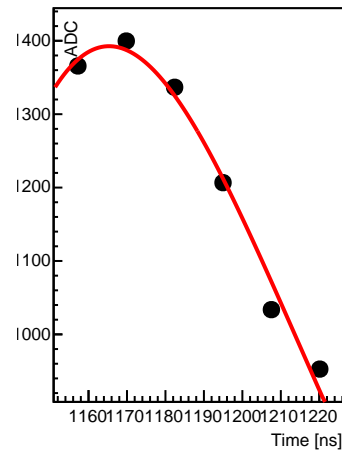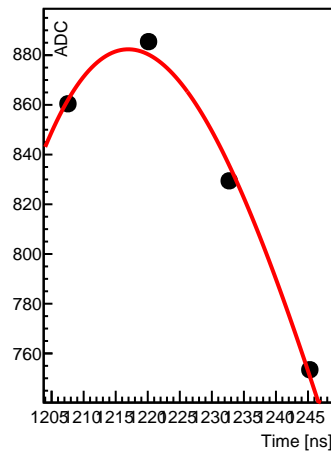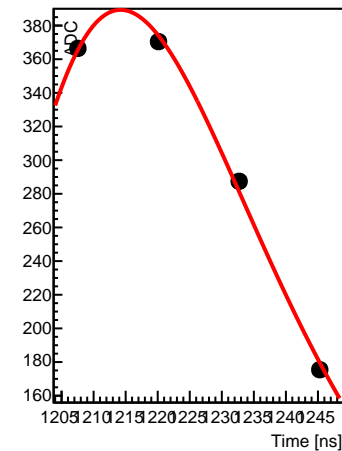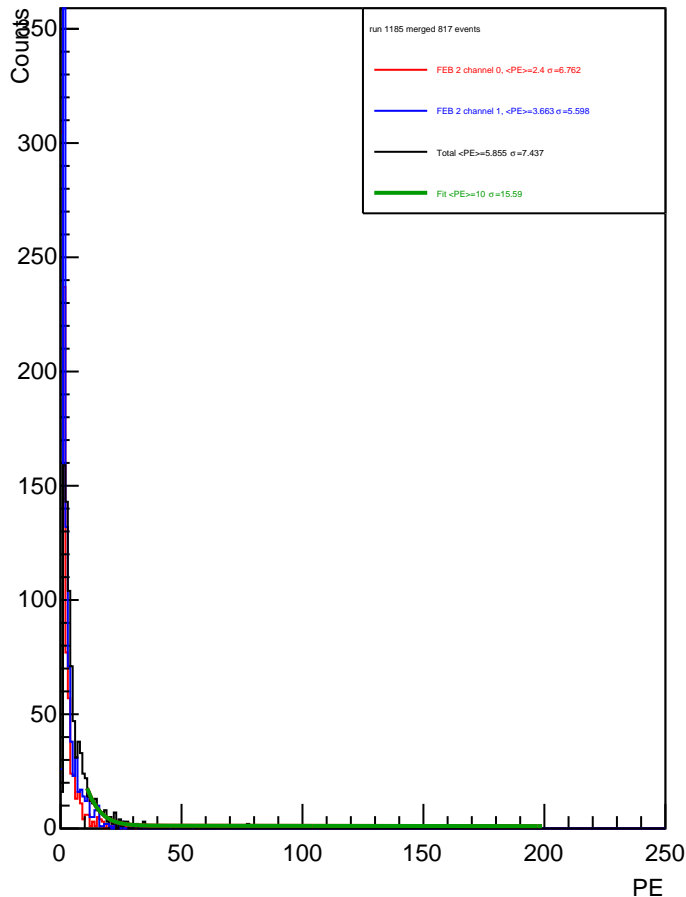
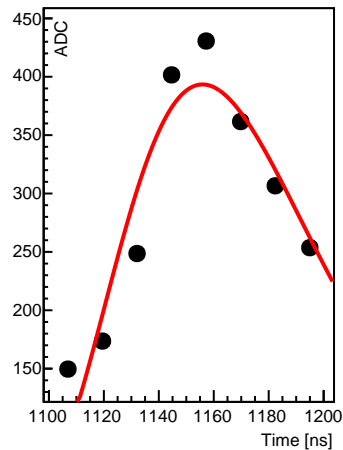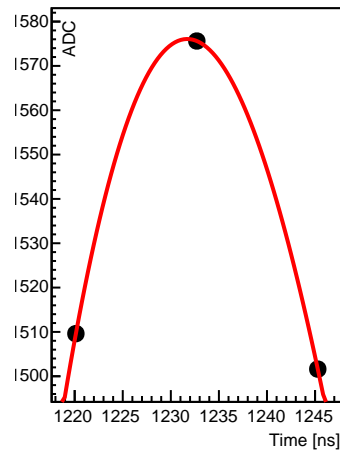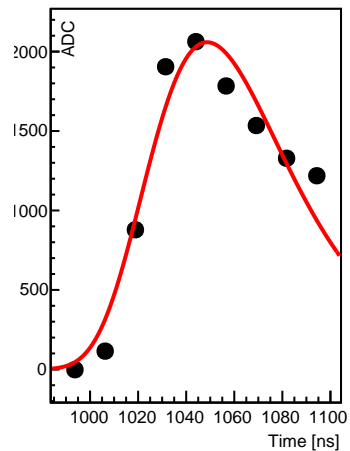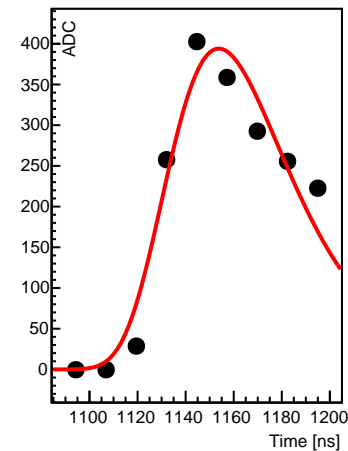Example of a 225PE pulse

Example of a 37PE pulse

1185 PE distribution x=0mm y=0mm

run 1185 merged 1001 events

FEB 2 channel 2, <PE>=67.75 σ =61.99

FEB 2 channel 3, <PE>=89.35 σ =63.3

Total <PE>=129.5 σ =63

Fit <PE>=128.2 σ =74.95
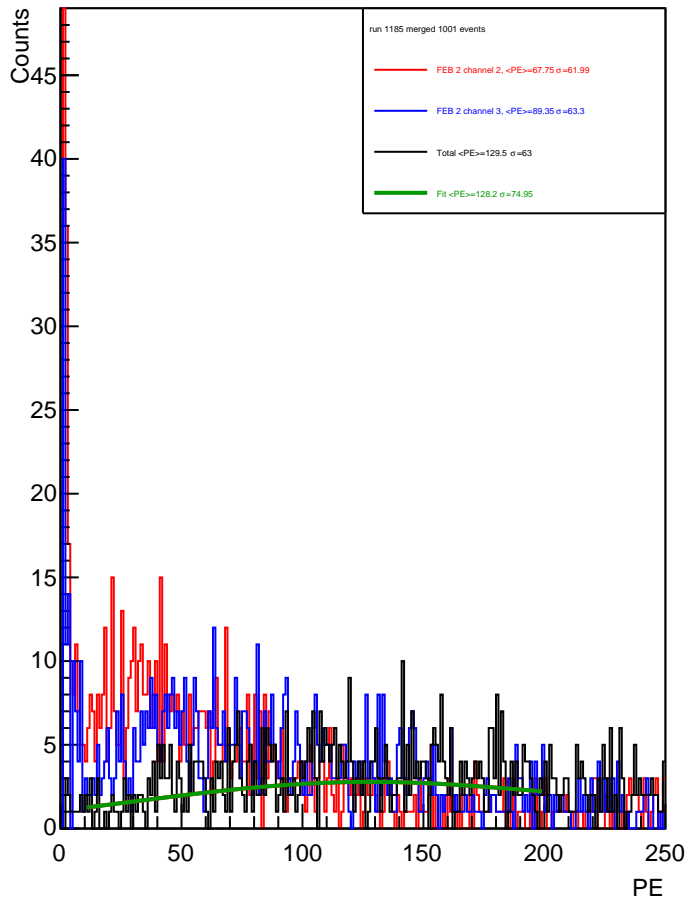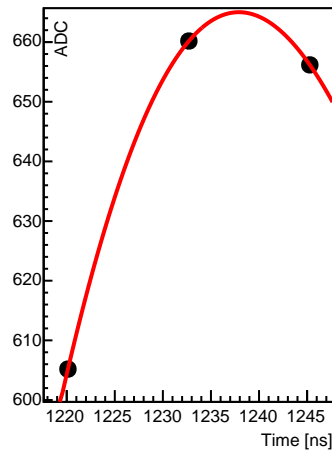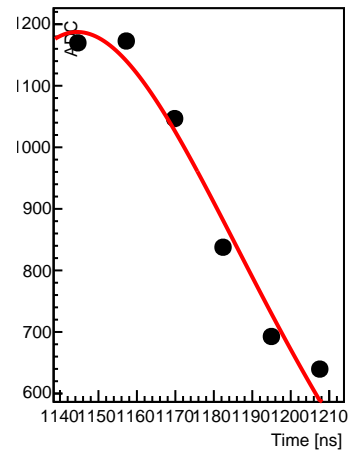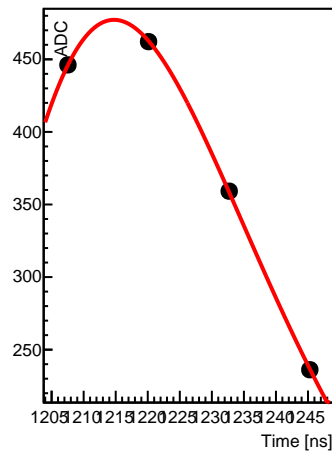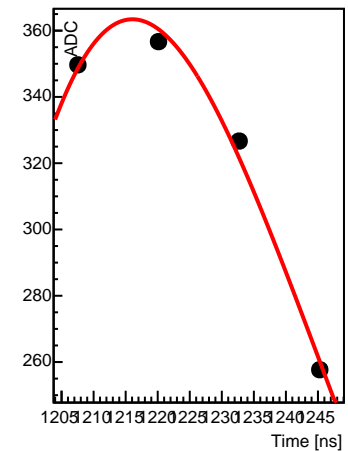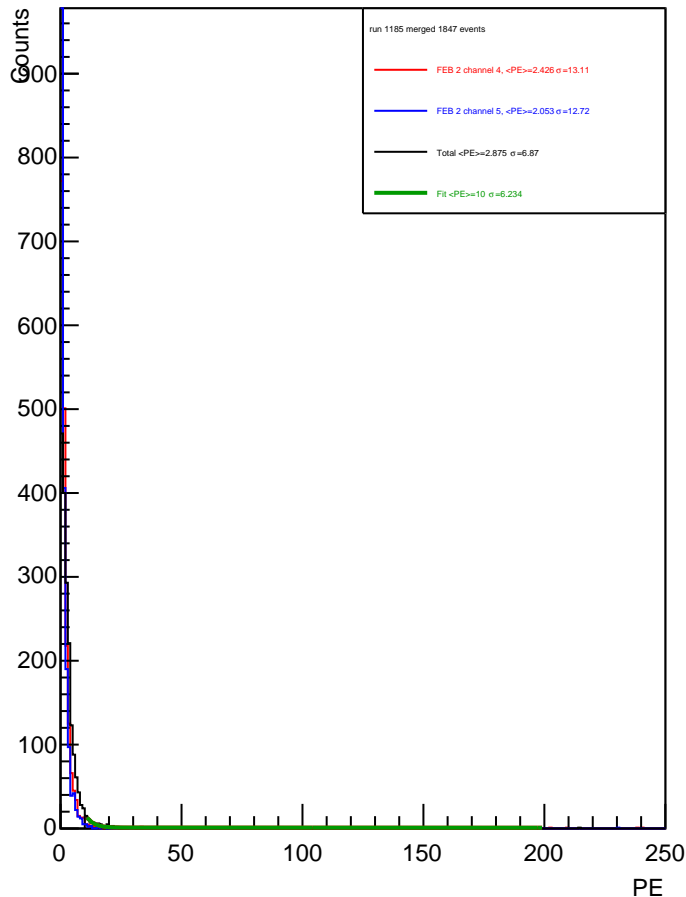
Example of a 110PE pulse
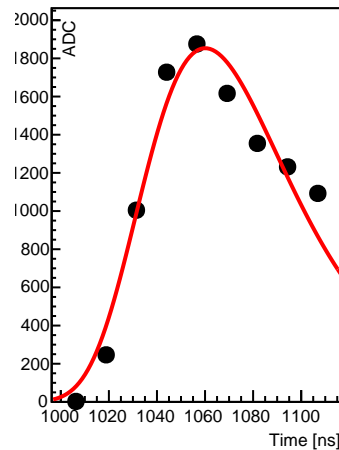
Example of a 194PE pulse
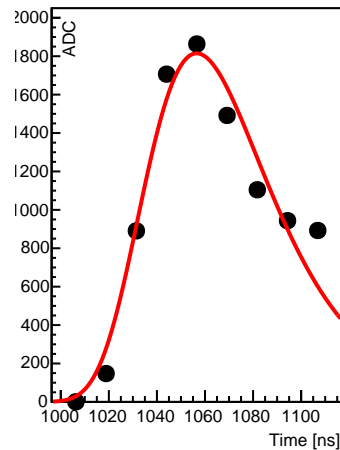
Example of a 37PE pulse

Example of a 43PE pulse

1185 PE distribution x=0mm y=0mm

run 1185 merged 1847 events

FEB 2 channel 4, <PE>=2.426 σ =13.11

FEB 2 channel 5, <PE>=2.053 σ =12.72
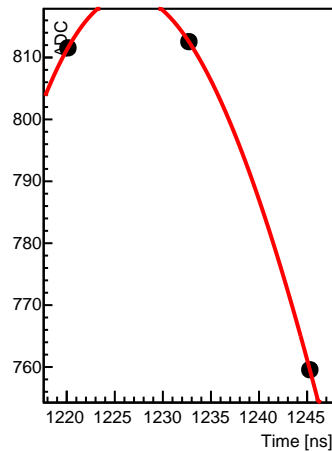
Total <PE>=2.875 σ =6.87

Fit <PE>=10 σ =6.234

Example of a 213PE pulse

Example of a 178PE pulse

Example of a 140PE pulse

Example of a 197PE pulse

1185 PE distribution x=0mm y=0mm

run 1185 merged 10103 events

FEB 2 channel 6, <PE>=183.3 σ=35.43

FEB 2 channel 7, <PE>=159.1 σ=28.45

Total <PE>=201 σ=59.86

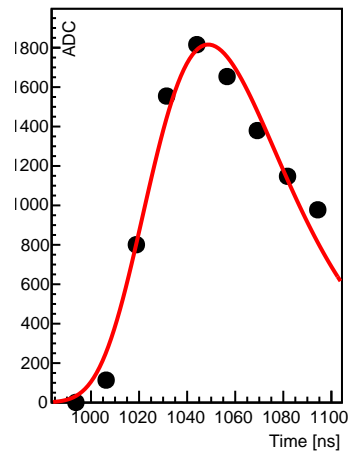Fit <PE>=200 σ=533
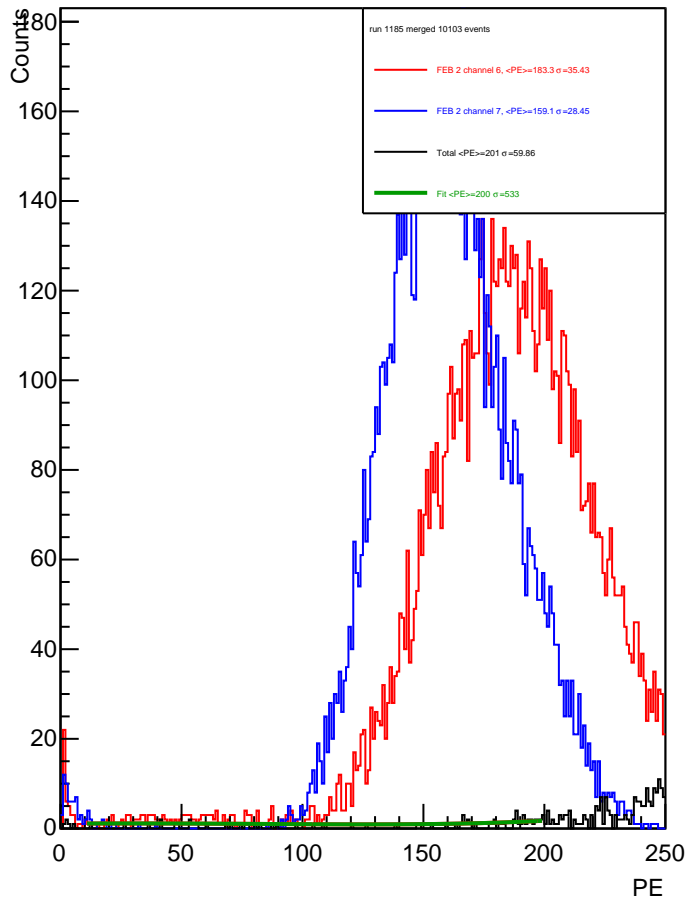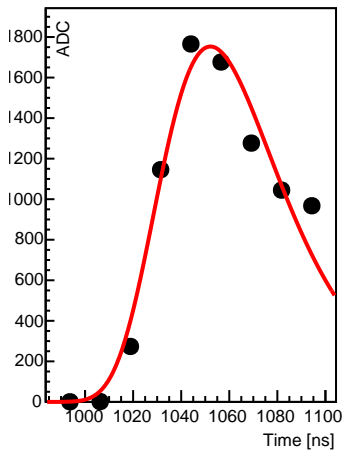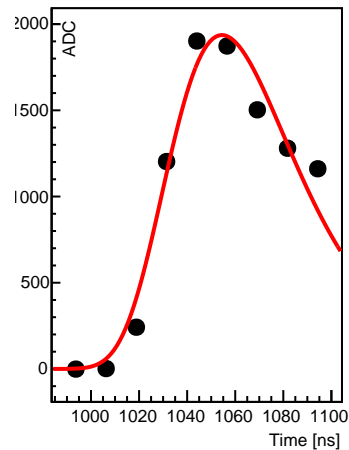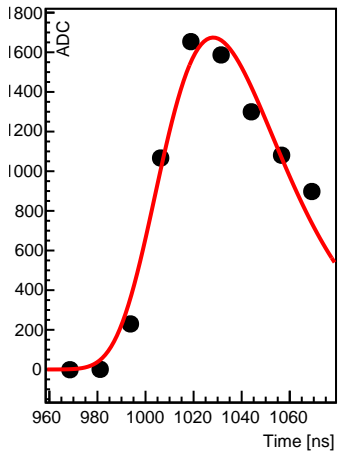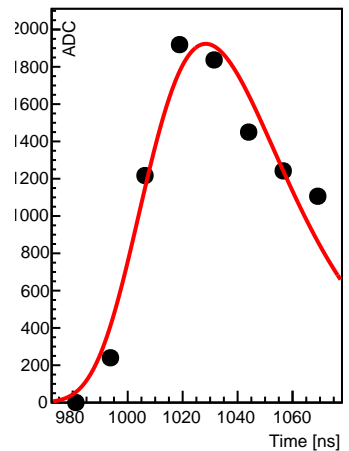
Example of a 169PE pulse

Example of a 190PE pulse

Example of a 164PE pulse

Example of a 184PE pulse

1185 PE distribution x=0mm y=0mm

run 1185 merged 0 events

FEB 2 channel 8, <PE>=0 σ=0

FEB 2 channel 9, <PE>=0 σ=0

Total <PE>=0 σ=0

Fit <PE>=11.92 σ=0
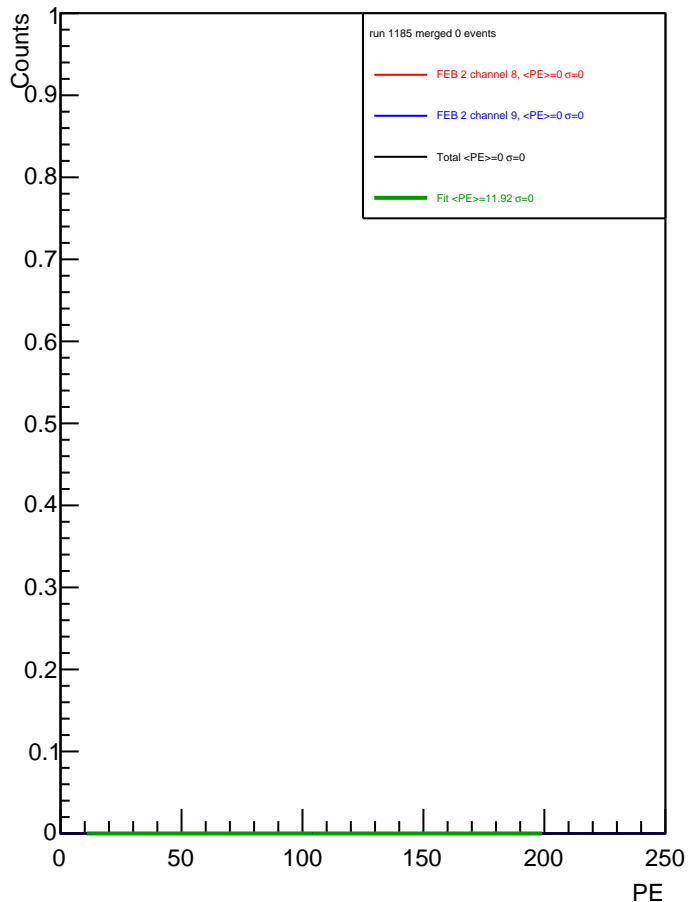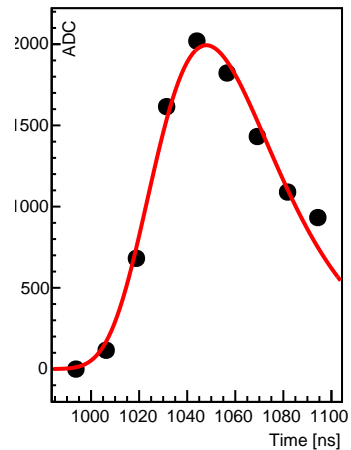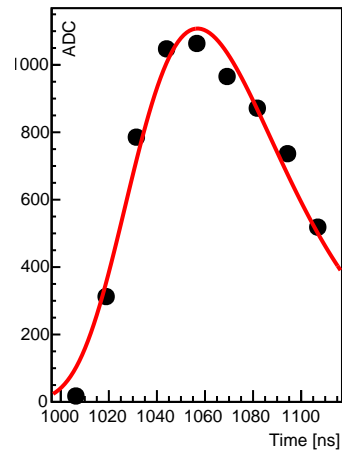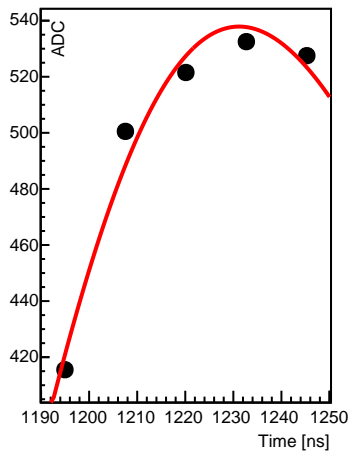
Example of a 128PE pulse
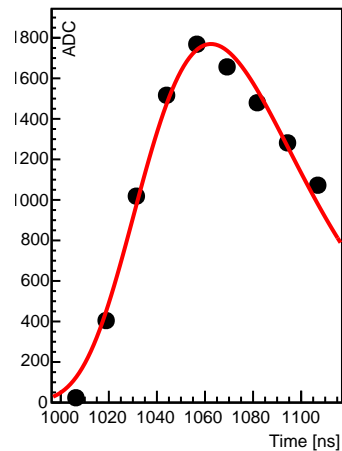
Example of a 87PE pulse

Example of a 78PE pulse

Example of a 149PE pulse

1185 PE distribution x=0mm y=0mm

run 1185 merged 0 events

FEB 2 channel 10, <PE>=0 σ=0

FEB 2 channel 11, <PE>=0 σ=0

Total <PE>=0 σ=0

Fit <PE>=11.92 σ=0

Counts

PE

1185 PE distribution x=0mm y=0mm

run 1185 merged 0 events

FEB 2 channel 12, <PE>=0 σ=0

FEB 2 channel 13, <PE>=0 σ=0

Total <PE>=0 σ=0

Fit <PE>=11.92 σ=0

Counts

PE

1185 PE distribution x=0mm y=0mm

Counts

run 1185 merged 0 events

FEB 2 channel 14, <PE>=0 σ=0

FEB 2 channel 15, <PE>=0 σ=0

Total <PE>=0 σ=0

Fit <PE>=11.92 σ=0

PE