1283 PE distribution x=150mm y=75mm

run 1283 merged 701 events

FEB 1 channel 0, <PE>=9.117 σ=30.9

FEB 1 channel 1, <PE>=8.041 σ=27.8

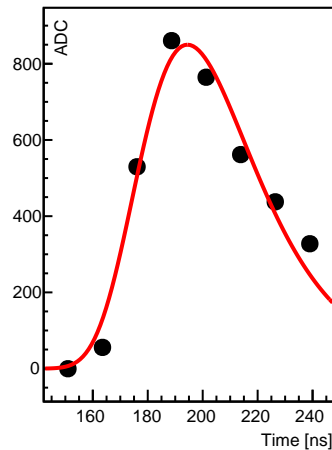Total <PE>=9.466 σ=34.22

Fit <PE>=10. σ=4.11
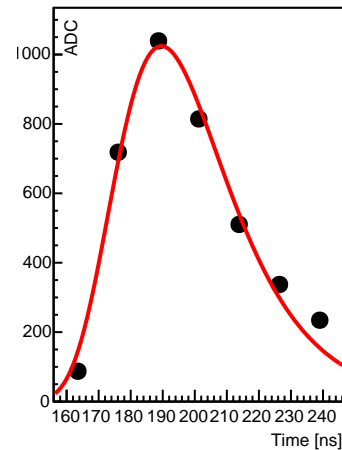
Example of a 254PE pulse

Example of a 213PE pulse
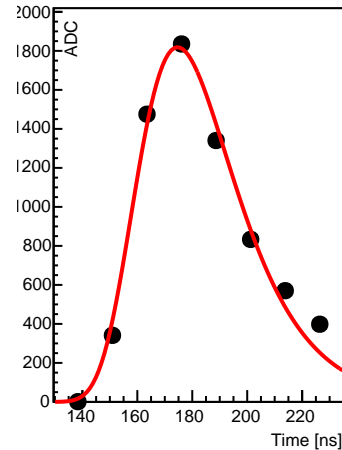
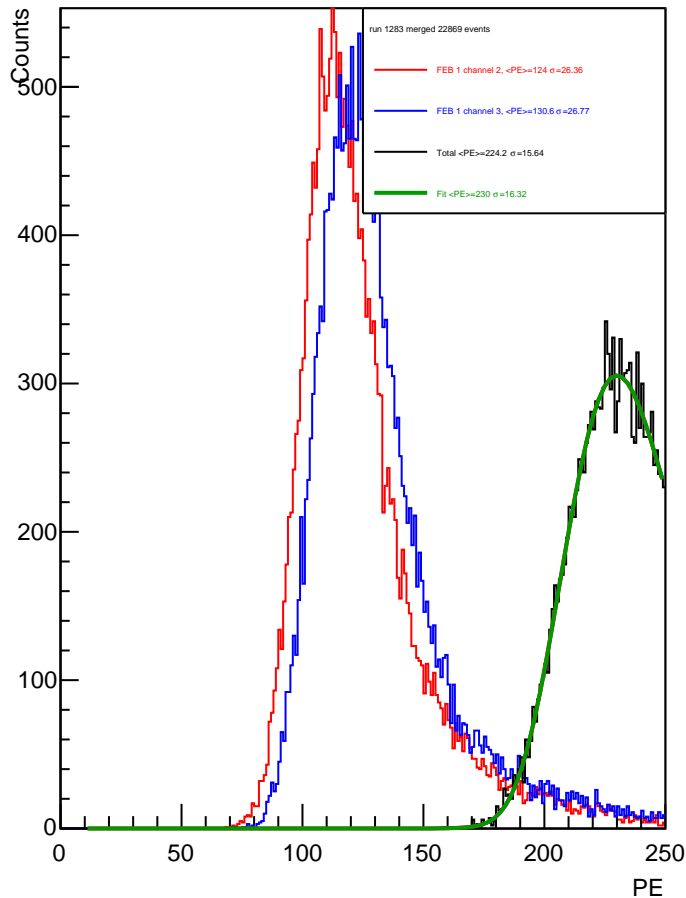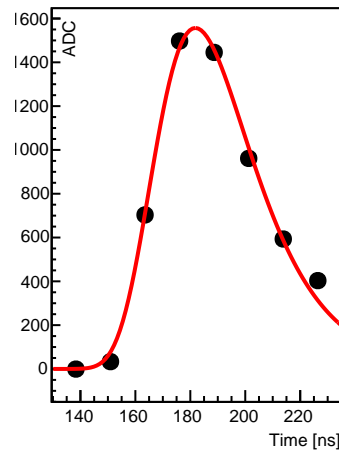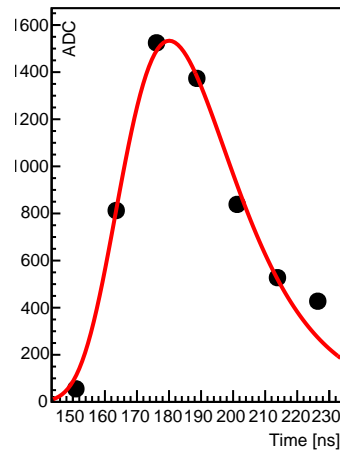Example of a 120PE pulse

Example of a 118PE pulse

1283 PE distribution x=150mm y=75mm

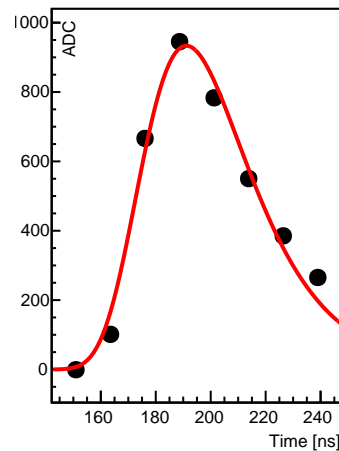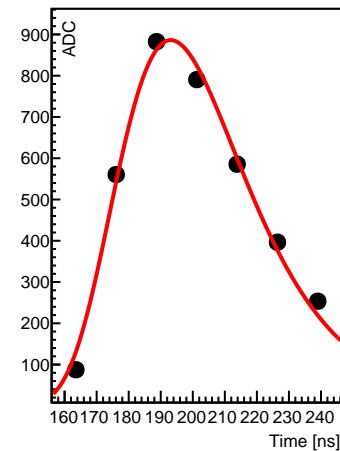Counts

run 1283 merged 22869 events

FEB 1 channel 2, <PE>=124 σ=26.36

FEB 1 channel 3, <PE>=130.6 σ=26.77

Total <PE>=224.2 σ=15.64

Fit <PE>=230 σ=16.32

PE

Example of a 182PE pulse

ADC

Time [ns]

Example of a 177PE pulse

ADC

Time [ns]

Example of a 120PE pulse

ADC

Time [ns]

Example of a 117PE pulse
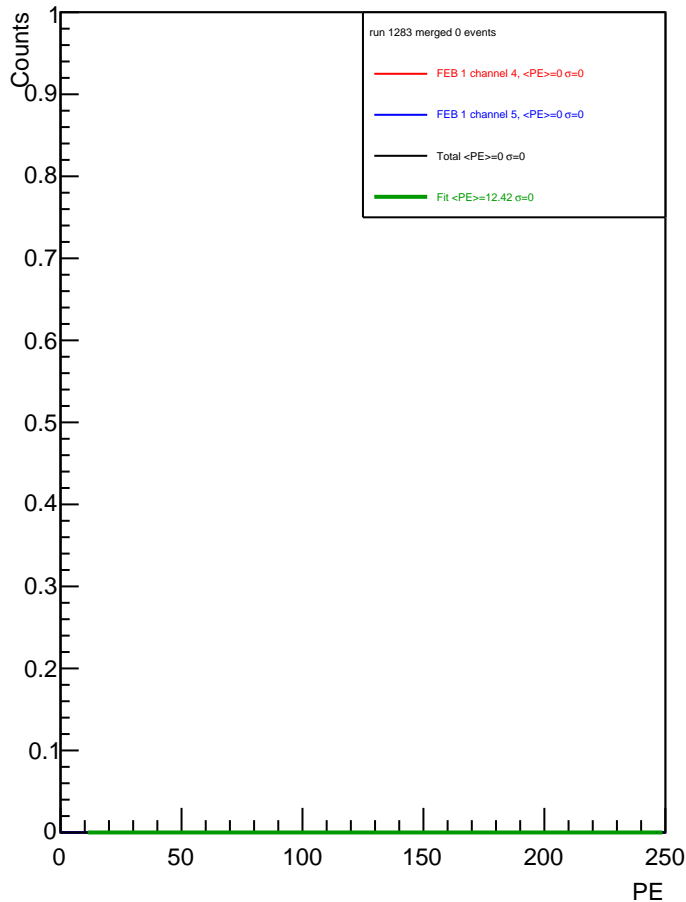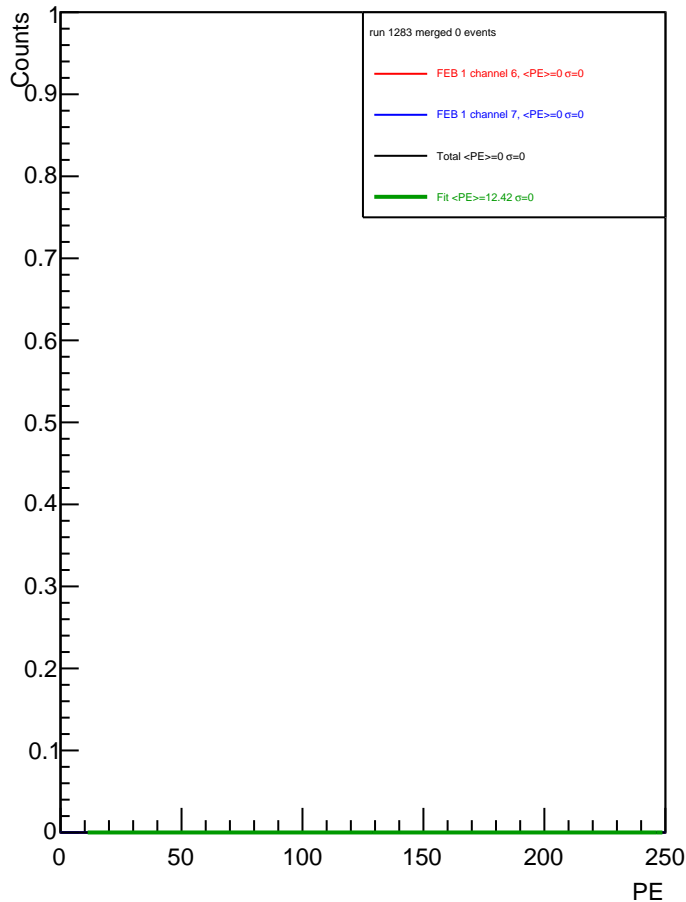
ADC

Time [ns]

1283 PE distribution x=150mm y=75mm

run 1283 merged 0 events

FEB 1 channel 4, <PE>=0 σ=0

FEB 1 channel 5, <PE>=0 σ=0

Total <PE>=0 σ=0

Fit <PE>=12.42 σ=0

Counts

PE

1283 PE distribution x=150mm y=75mm

run 1283 merged 0 events

FEB 1 channel 6, <PE>=0 σ=0

FEB 1 channel 7, <PE>=0 σ=0

Total <PE>=0 σ=0

Fit <PE>=12.42 σ=0

Counts

PE

1283 PE distribution x=150mm y=75mm

run 1283 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>=12.42 σ=0

Counts

PE

1283 PE distribution x=150mm y=75mm

run 1283 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>=12.42 σ=0

1283 PE distribution x=150mm y=75mm

run 1283 merged 730 events

FEB 1 channel 12, <PE>=16.04 σ=39.81

FEB 1 channel 13, <PE>=17.56 σ=42.97

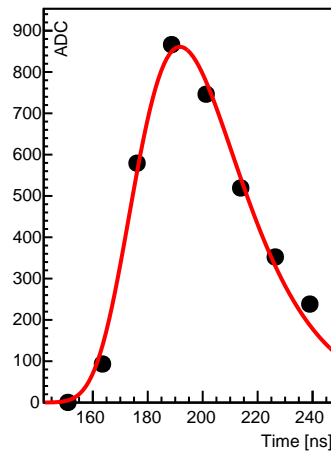Total <PE>=18.12 σ=47.12

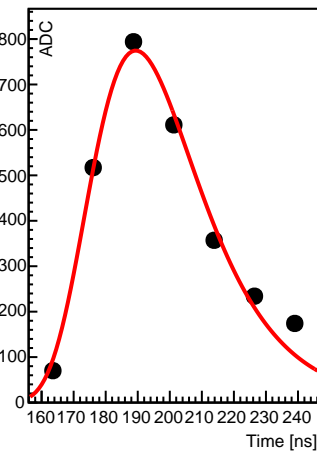Fit <PE>=10 σ=4.913
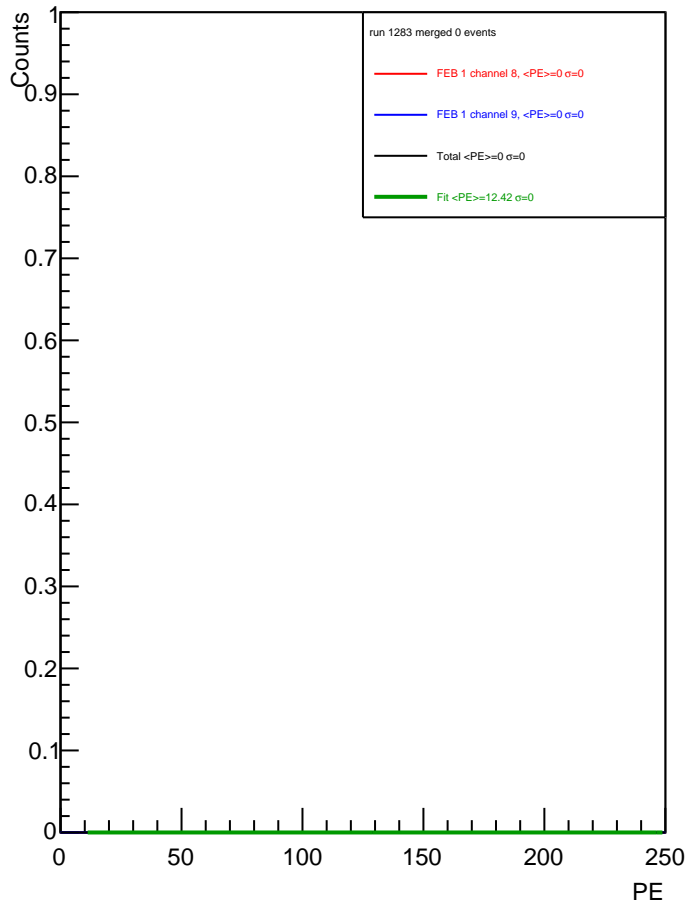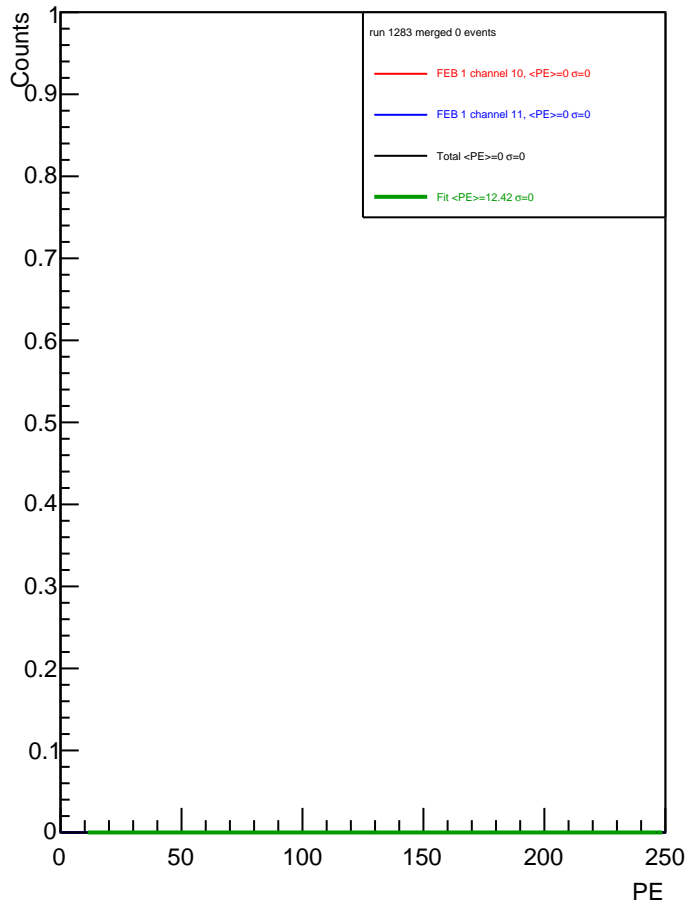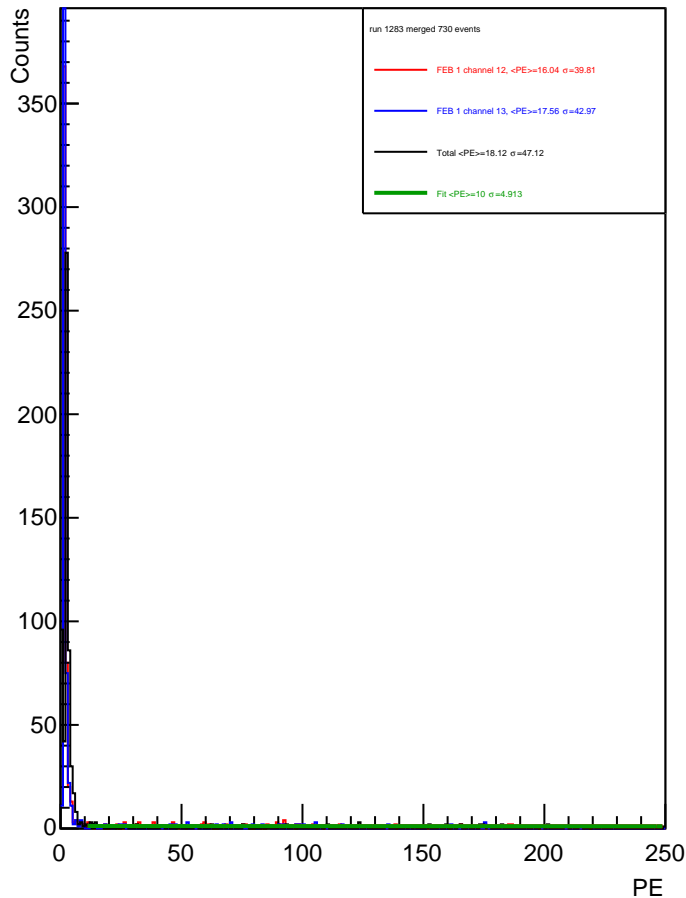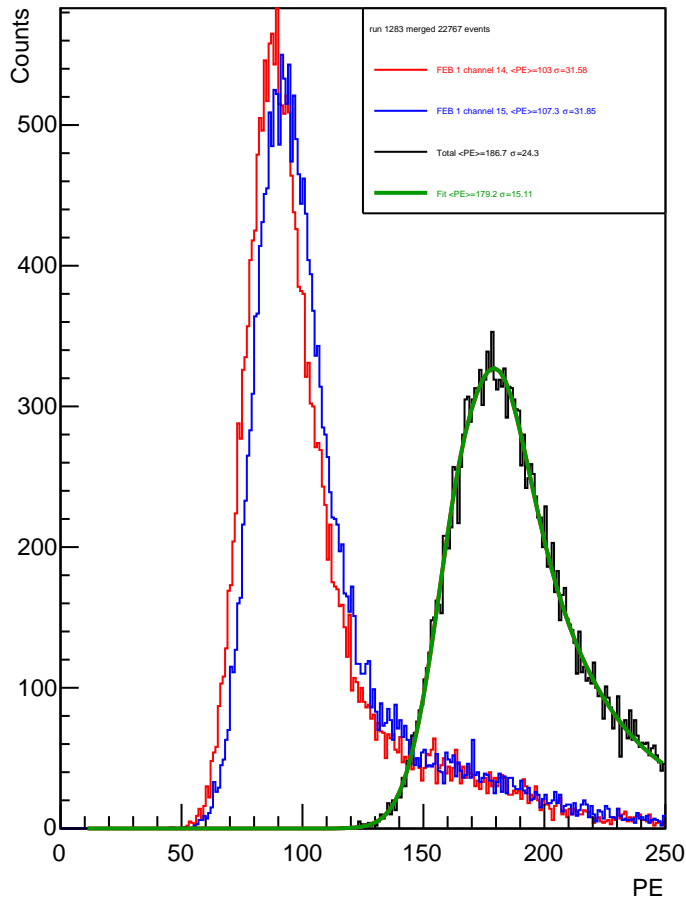
Example of a 149PE pulse
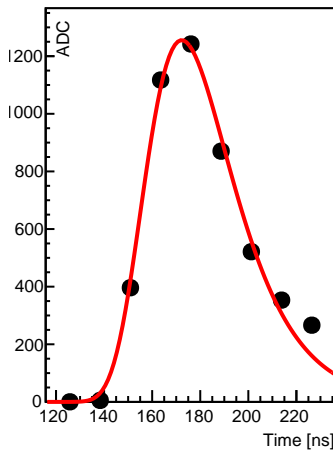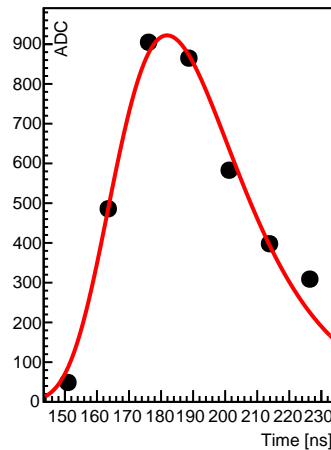
Example of a 88PE pulse
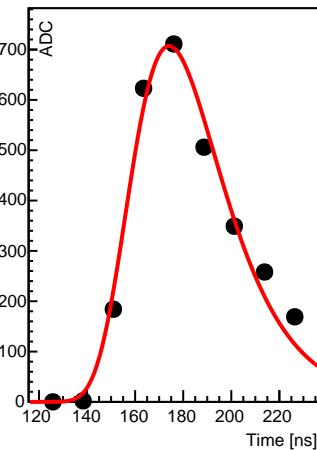
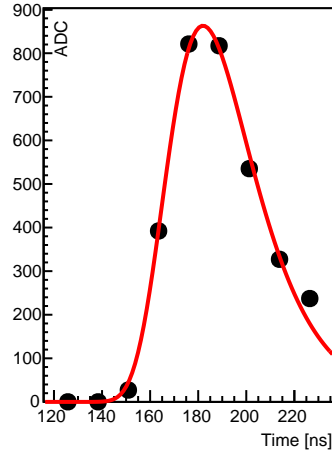Example of a 110PE pulse

Example of a 85PE pulse

1283 PE distribution x=150mm y=75mm

run 1283 merged 22767 events

FEB 1 channel 14, <PE>=103 σ=31.58

FEB 1 channel 15, <PE>=107.3 σ=31.85

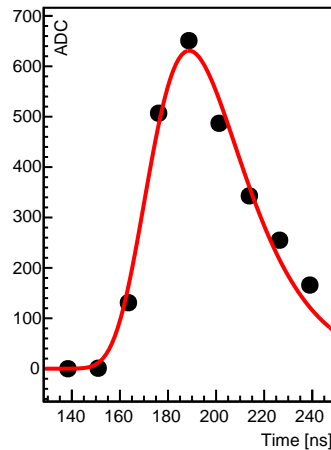Total <PE>=186.7 σ=24.3

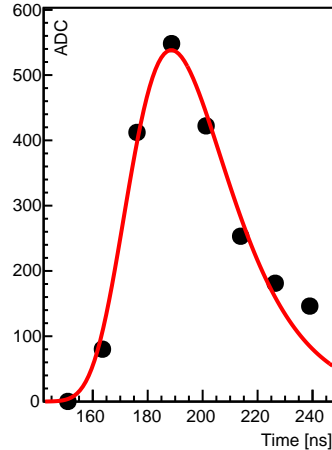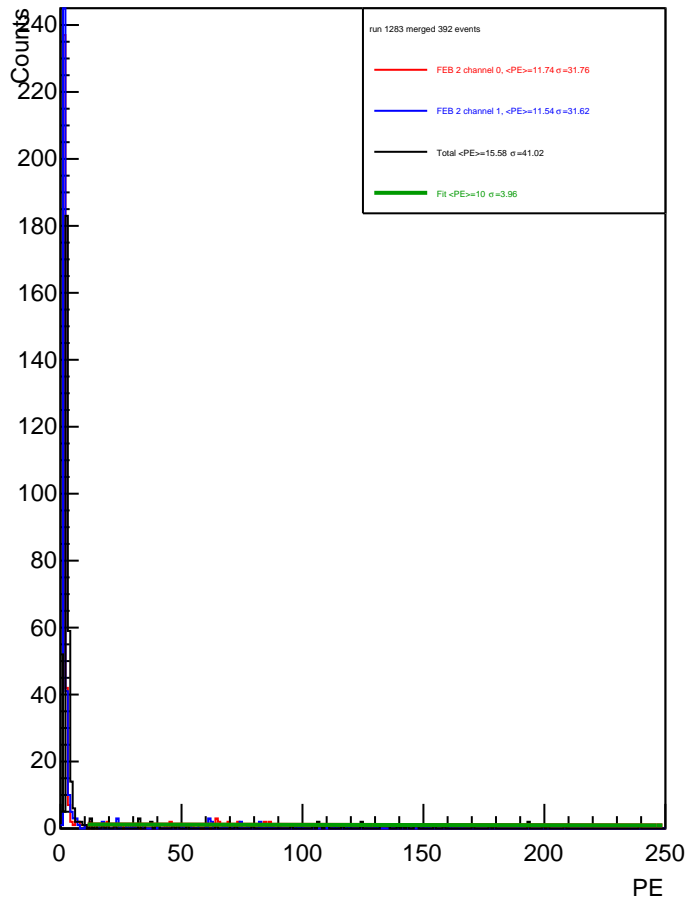Fit <PE>=179.2 σ=15.11

Example of a 120PE pulse
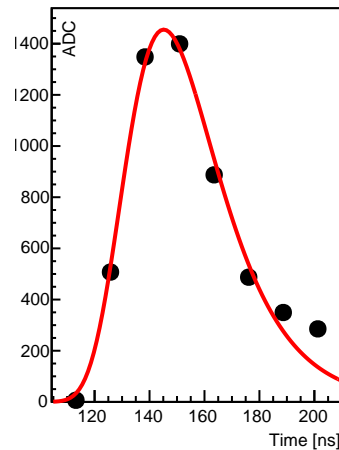
Example of a 103PE pulse

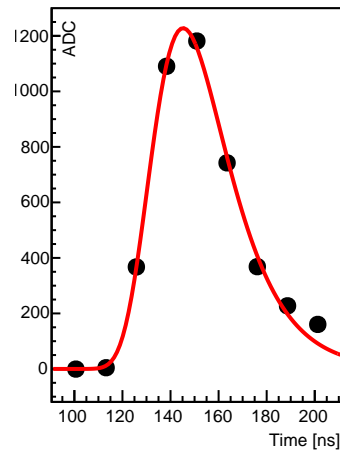Example of a 83PE pulse

Example of a 65PE pulse

1283 PE distribution x=150mm y=75mm

run 1283 merged 392 events

FEB 2 channel 0, <PE>=11.74 σ=31.76

FEB 2 channel 1, <PE>=11.54 σ=31.62

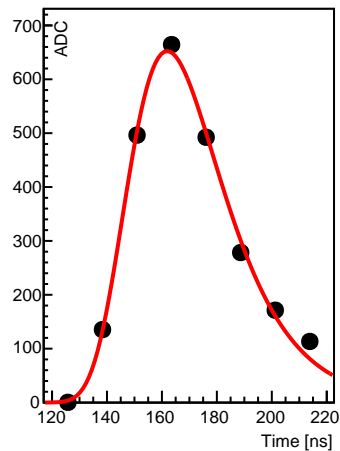Total <PE>=15.58 σ=41.02

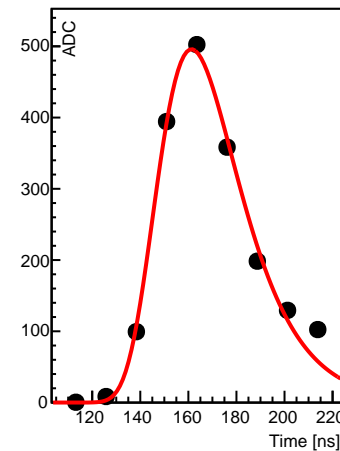Fit <PE>=10 σ=3.96
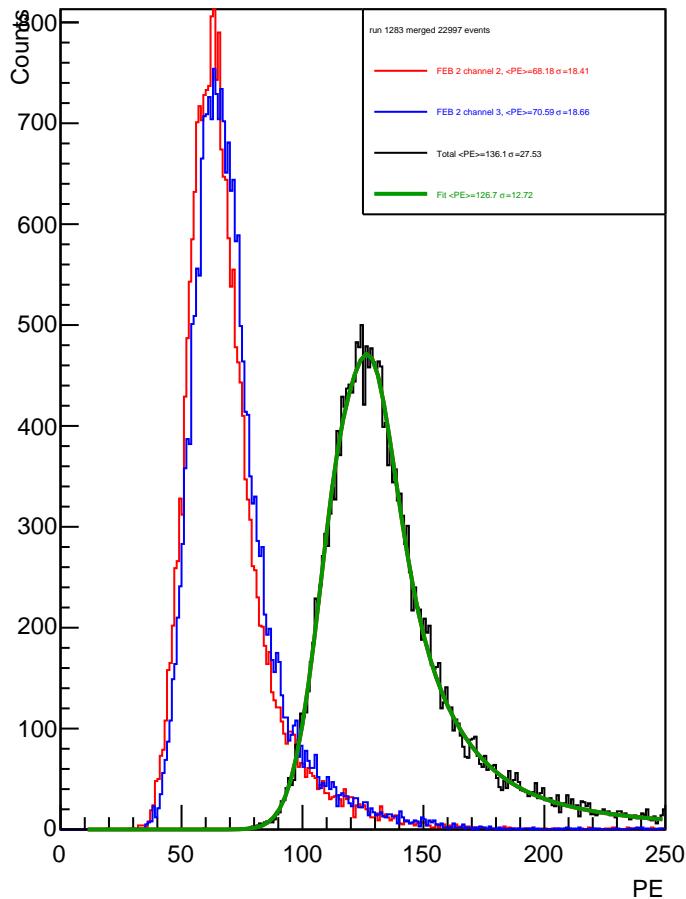
Example of a 160PE pulse

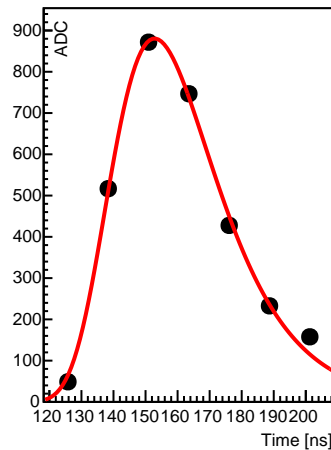Example of a 124PE pulse

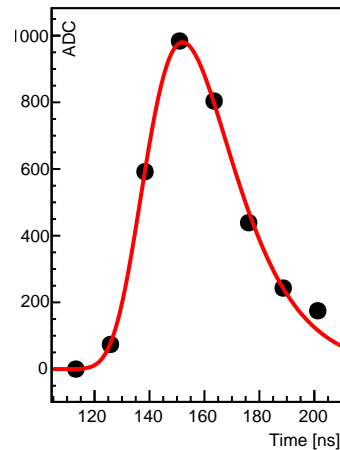Example of a 73PE pulse

Example of a 54PE pulse

1283 PE distribution x=150mm y=75mm

run 1283 merged 22997 events

FEB 2 channel 2, <PE>=68.18 σ=18.41

FEB 2 channel 3, <PE>=70.59 σ=18.66

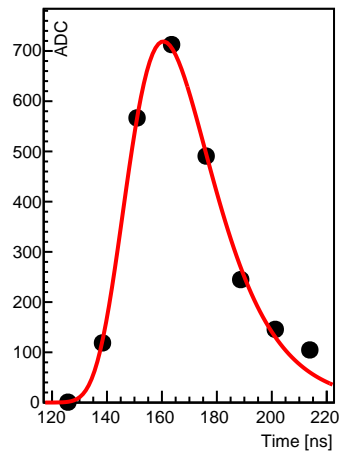Total <PE>=136.1 σ=27.53

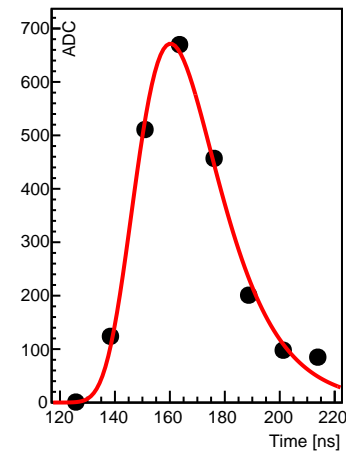Fit <PE>=126.7 σ=12.72
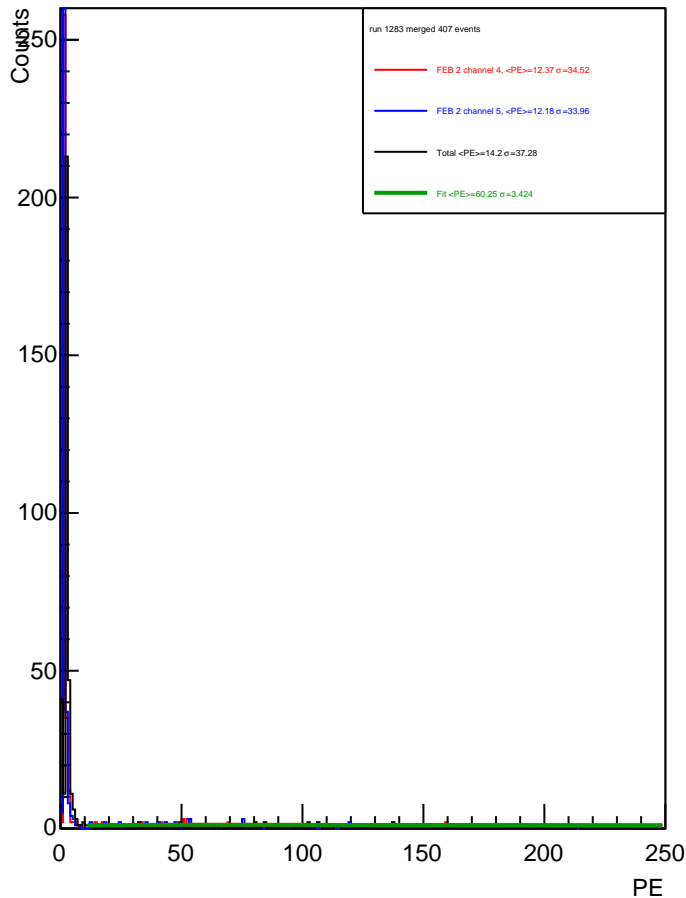
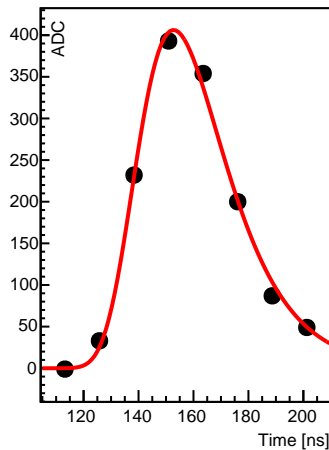Example of a 92PE pulse

Example of a 101PE pulse
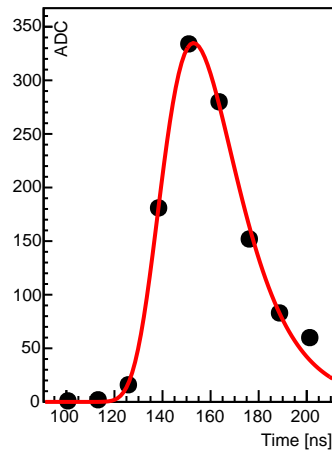
Example of a 71PE pulse

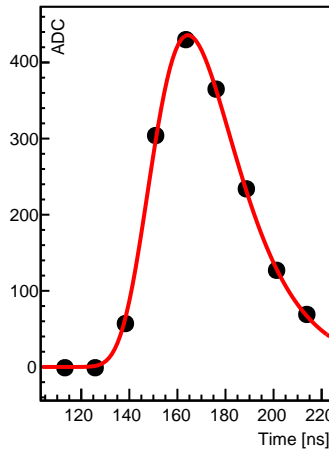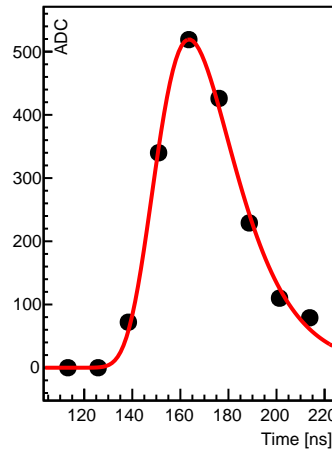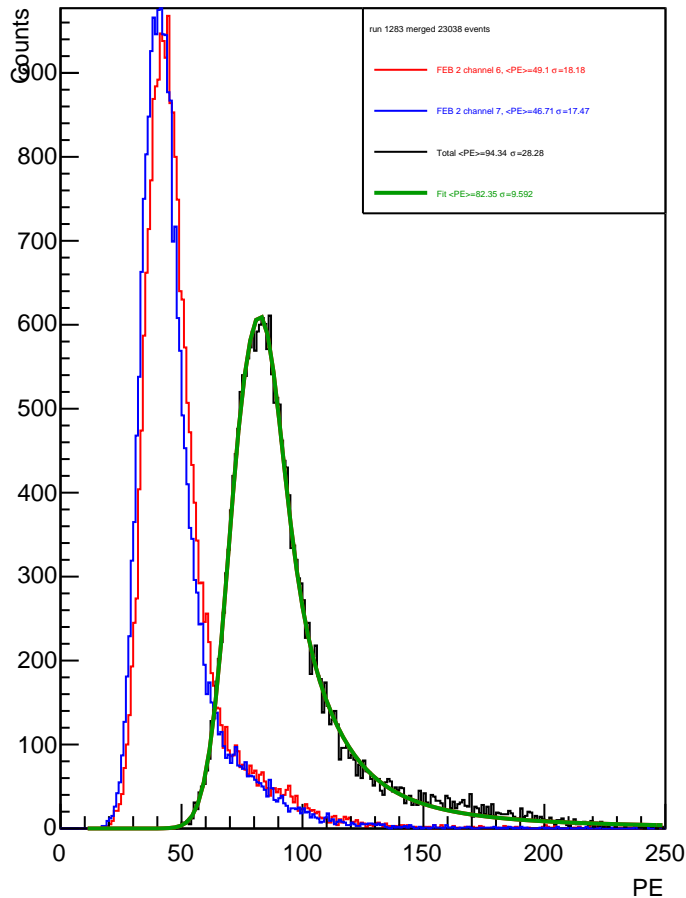Example of a 65PE pulse

1283 PE distribution x=150mm y=75mm

run 1283 merged 407 events

FEB 2 channel 4, <PE>=12.37 σ=34.52

FEB 2 channel 5, <PE>=12.18 σ=33.96

Total <PE>=14.2 σ=37.28

Fit <PE>=60.25 σ=3.424

Counts

PE

Example of a 42PE pulse

ADC

Time [ns]

Example of a 34PE pulse

ADC

Time [ns]

Example of a 50PE pulse

ADC

Time [ns]

Example of a 55PE pulse

ADC

Time [ns]

1283 PE distribution x=150mm y=75mm

run 1283 merged 23038 events

FEB 2 channel 6, <PE>=49.1 σ=18.18

FEB 2 channel 7, <PE>=46.71 σ=17.47

Total <PE>=94.34 σ=28.28

Fit <PE>=82.35 σ=9.592

Example of a 37PE pulse

Example of a 38PE pulse

Example of a 38PE pulse

Example of a 40PE pulse
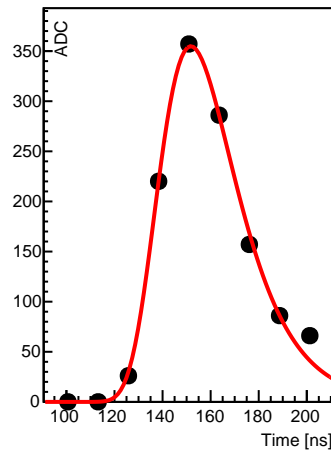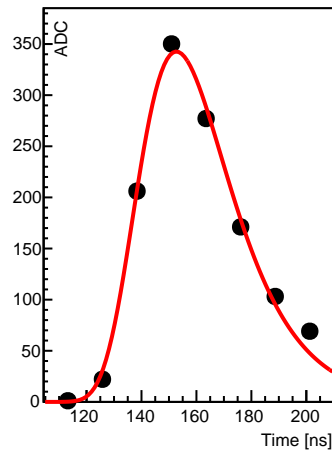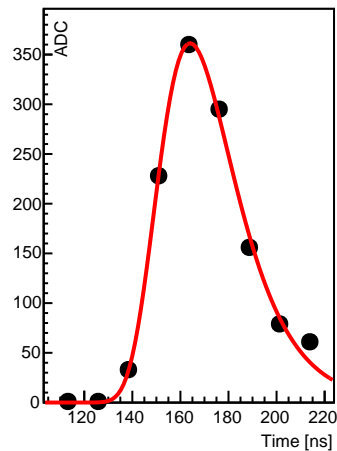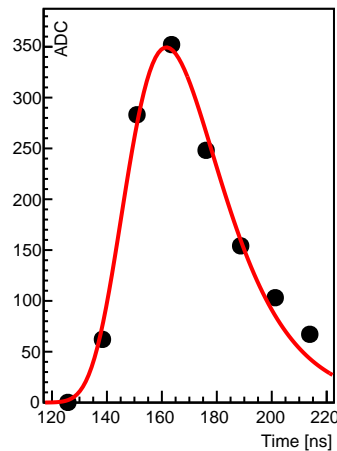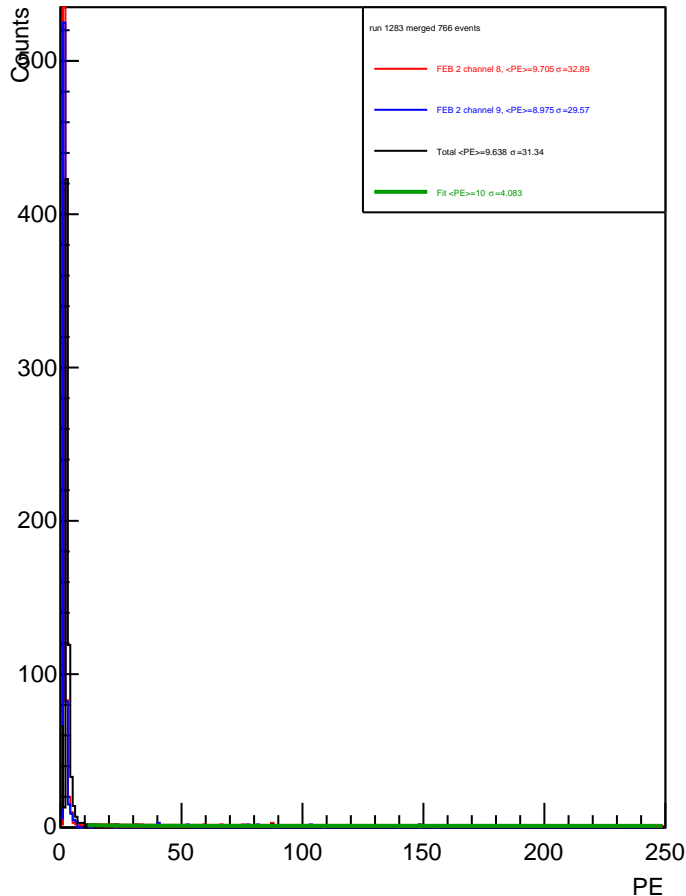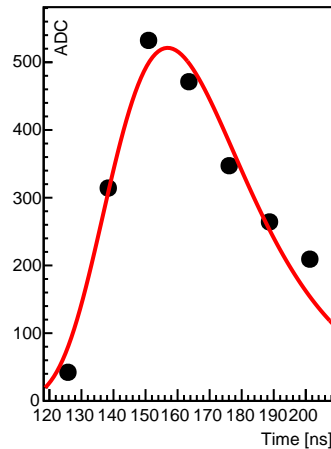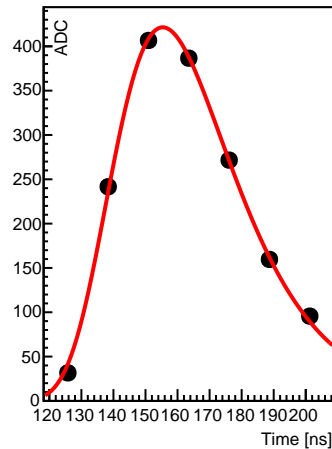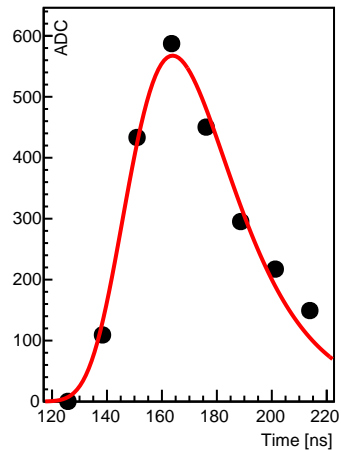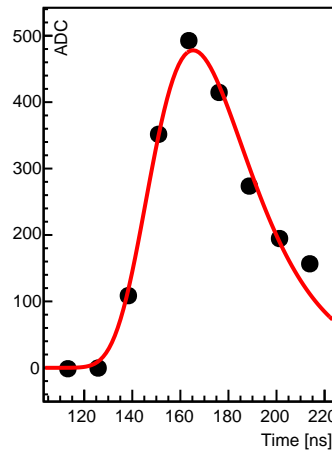
1283 PE distribution x=150mm y=75mm

run 1283 merged 766 events

FEB 2 channel 8, <PE>=9.705 σ=32.89

FEB 2 channel 9, <PE>=8.975 σ=29.57

Total <PE>=9.638 σ=31.34

Fit <PE>=10 σ=4.083

Counts

PE

Example of a 73PE pulse

ADC

Time [ns]

Example of a 53PE pulse

ADC

Time [ns]

Example of a 71PE pulse

ADC

Time [ns]

Example of a 66PE pulse

ADC

Time [ns]

1283 PE distribution x=150mm y=75mm

run 1283 merged 22857 events

FEB 2 channel 10, <PE>=72.07 σ=24.79

FEB 2 channel 11, <PE>=89.74 σ=28.44

Total <PE>=150 σ=29.17

Fit <PE>=135.4 σ=13.52
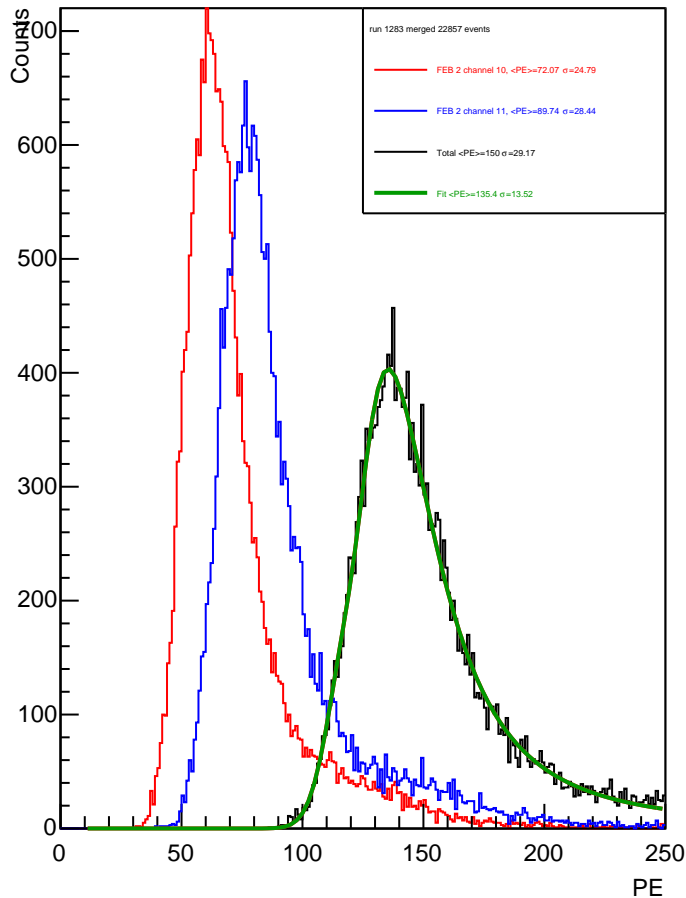
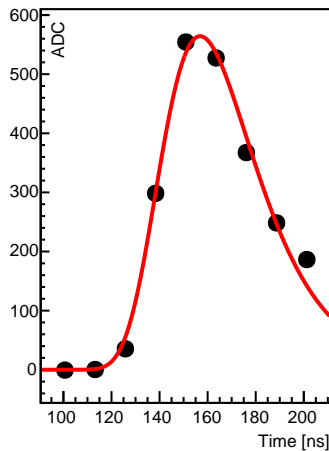Example of a 72PE pulse

Example of a 58PE pulse

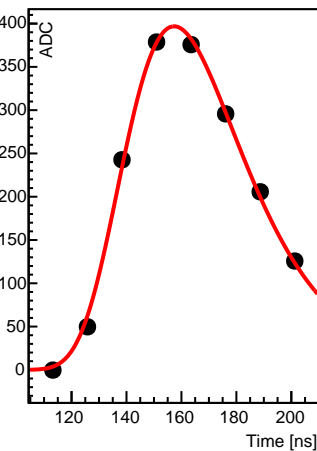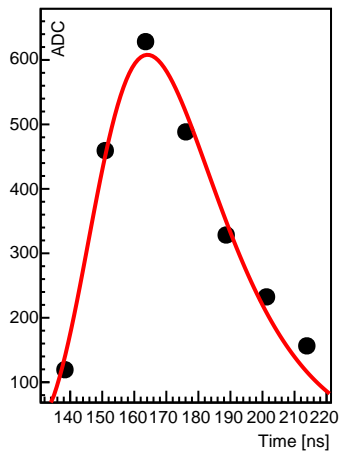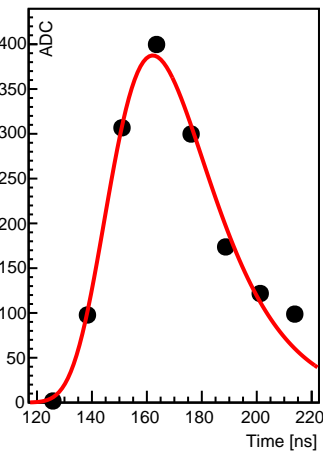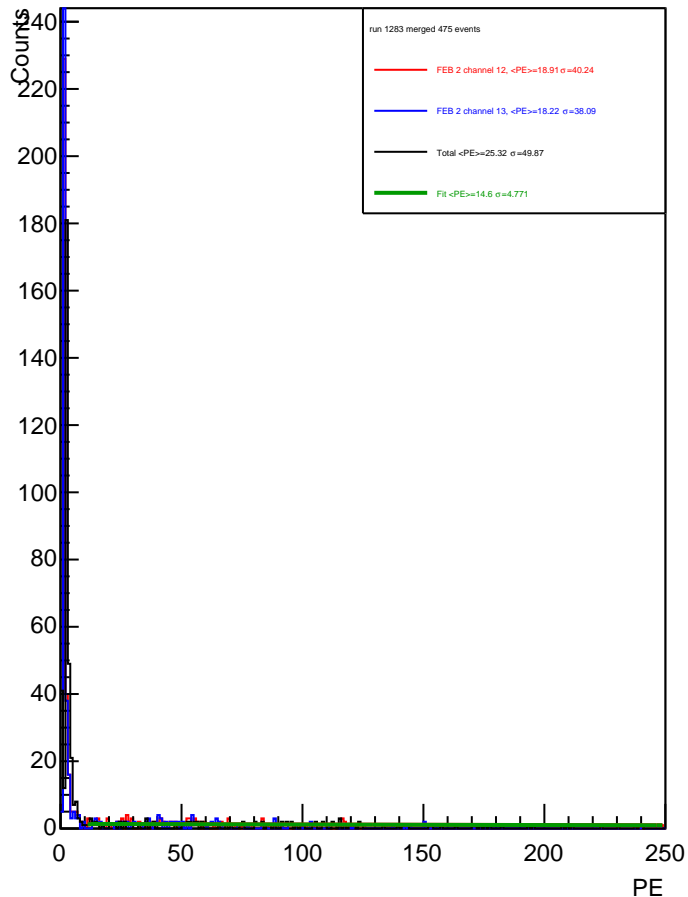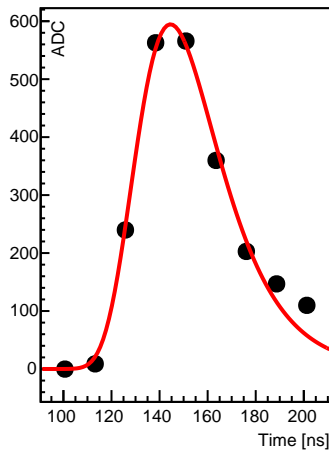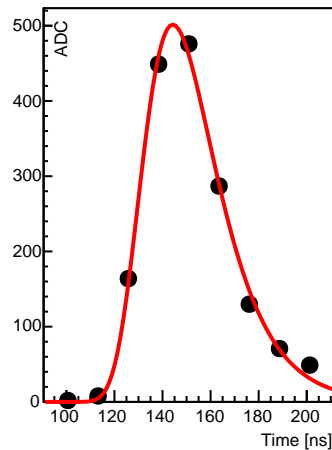Example of a 77PE pulse

Example of a 48PE pulse

1283 PE distribution x=150mm y=75mm

run 1283 merged 475 events

FEB 2 channel 12, <PE>=18.91 σ =40.24

FEB 2 channel 13, <PE>=18.22 σ=38.09
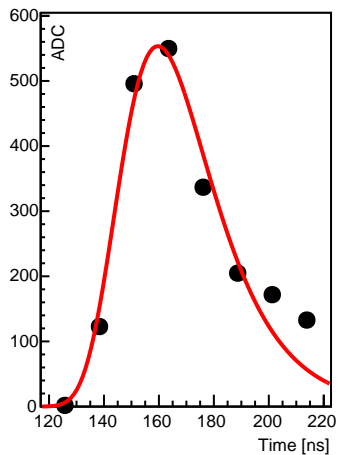
Total <PE>=25.32 σ =49.87

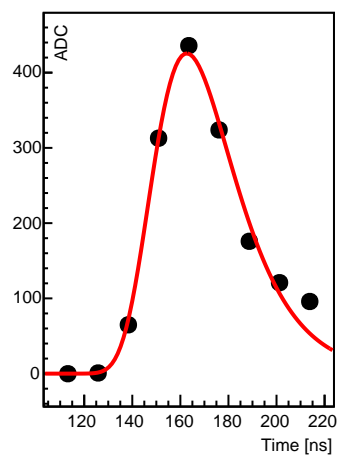Fit <PE>=14.6 σ=4.771
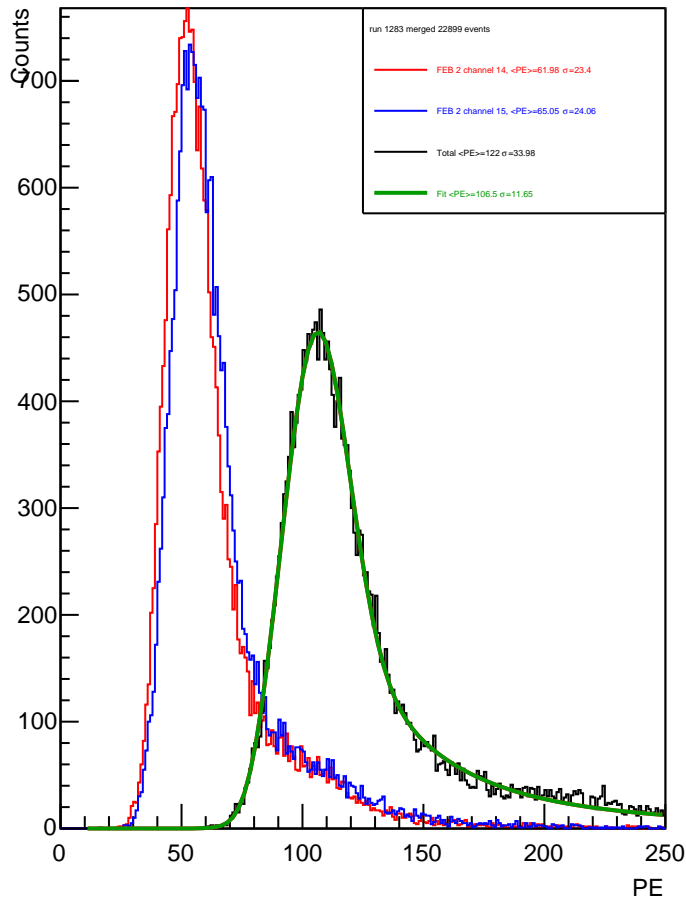
Example of a 67PE pulse

Example of a 49PE pulse

Example of a 60PE pulse

Example of a 47PE pulse

1283 PE distribution x=150mm y=75mm

run 1283 merged 22899 events

FEB 2 channel 14, <PE>=61.98 σ=23.4

FEB 2 channel 15, <PE>=65.05 σ=24.06

Total <PE>=122 σ=33.98

Fit <PE>=106.5 σ=11.65

Example of a 79PE pulse

Example of a 67PE pulse

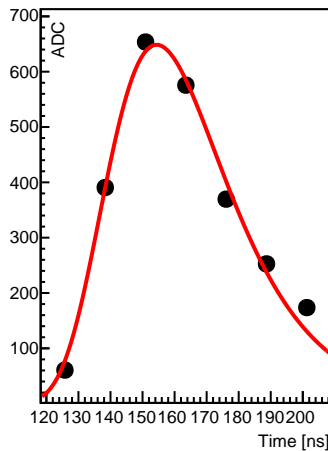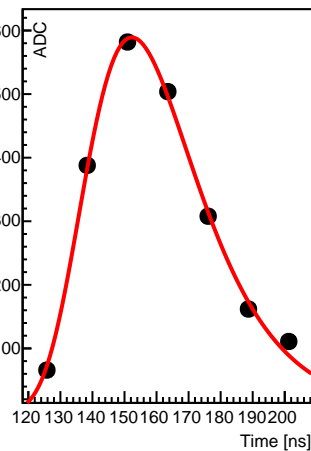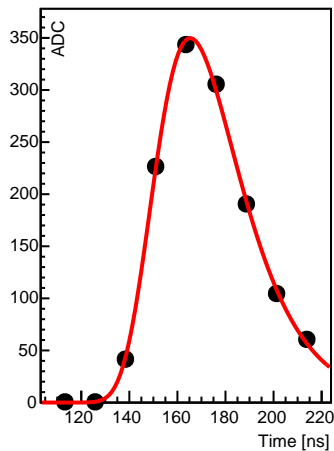Example of a 41PE pulse

Example of a 42PE pulse