841 PE distribution x=100mm y=75mm

run 841 merged 30797 events

FEB 1 channel 0, <PE>=32.64 σ=9.961

FEB 1 channel 1, <PE>=33.53 σ=10.22

Total <PE>=66.13 σ=17.82
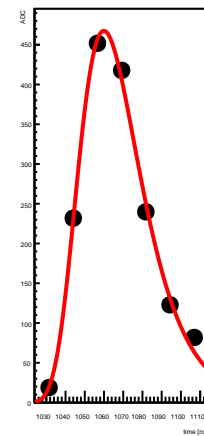
Fit <PE>=59.82 σ=8.123
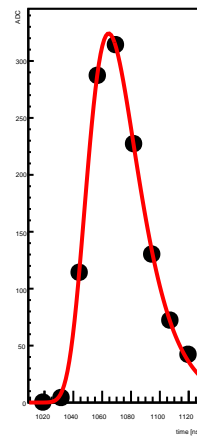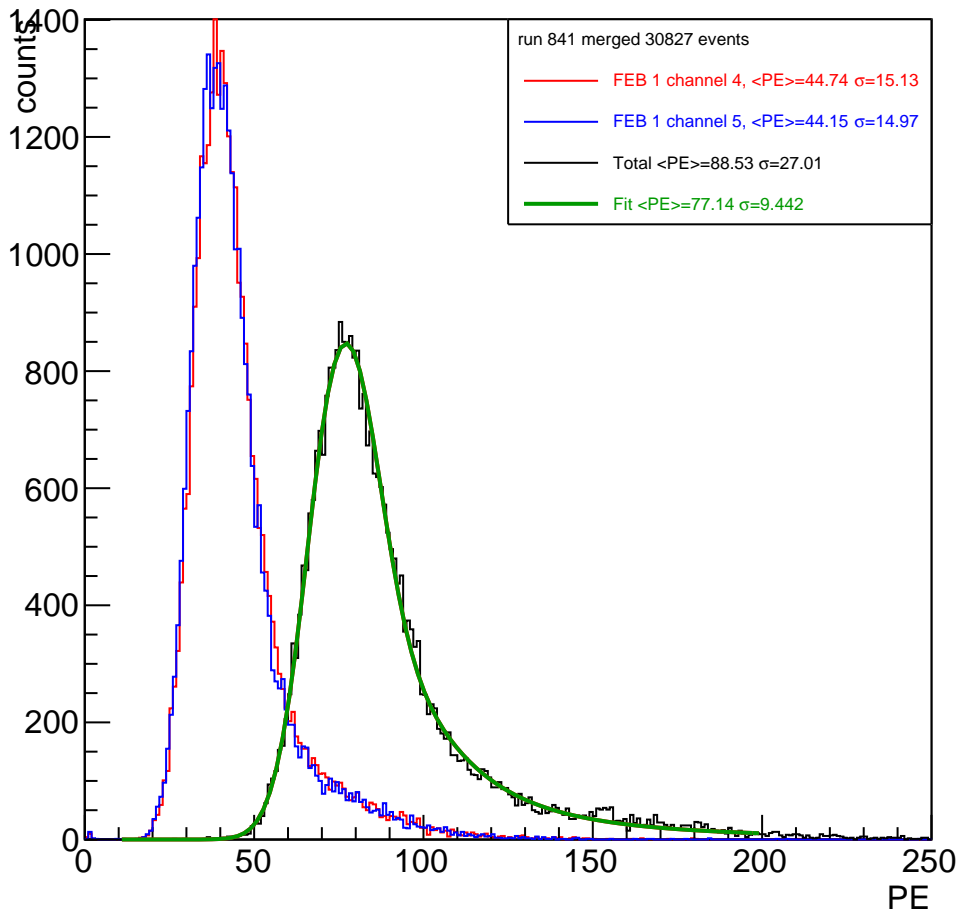
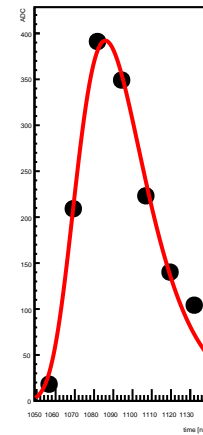Example of a 28PE pulse

Example of a 34PE pulse

Example of a 45PE pulse
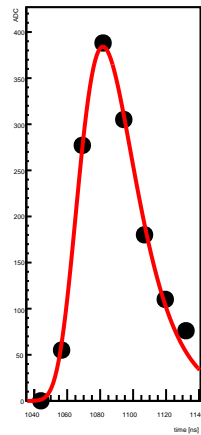
Example of a 34PE pulse

841 PE distribution x=100mm y=75mm

run 841 merged 30827 events

FEB 1 channel 4, <PE>=44.74 σ=15.13

FEB 1 channel 5, <PE>=44.15 σ=14.97

Total <PE>=88.53 σ=27.01
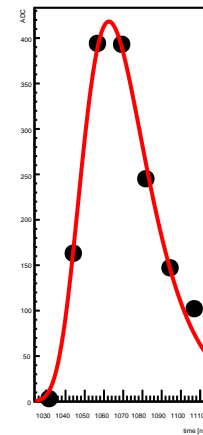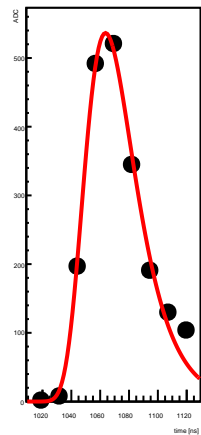
Fit <PE>=77.14 σ=9.442

counts

PE

Example of a 42PE pulse

Example of a 40PE pulse

Example of a 42PE pulse

Example of a 56PE pulse

ADC

time [ns]

841 PE distribution x=100mm y=75mm

run 841 merged 30845 events

— FEB 1 channel 8, <PE>=46.97 σ=16.76
— FEB 1 channel 9, <PE>=44.11 σ=15.82
— Total <PE>=90.46 σ=28.84
— Fit <PE>=77.7 σ=9.483

counts

PE

Example of a 28PE pulse
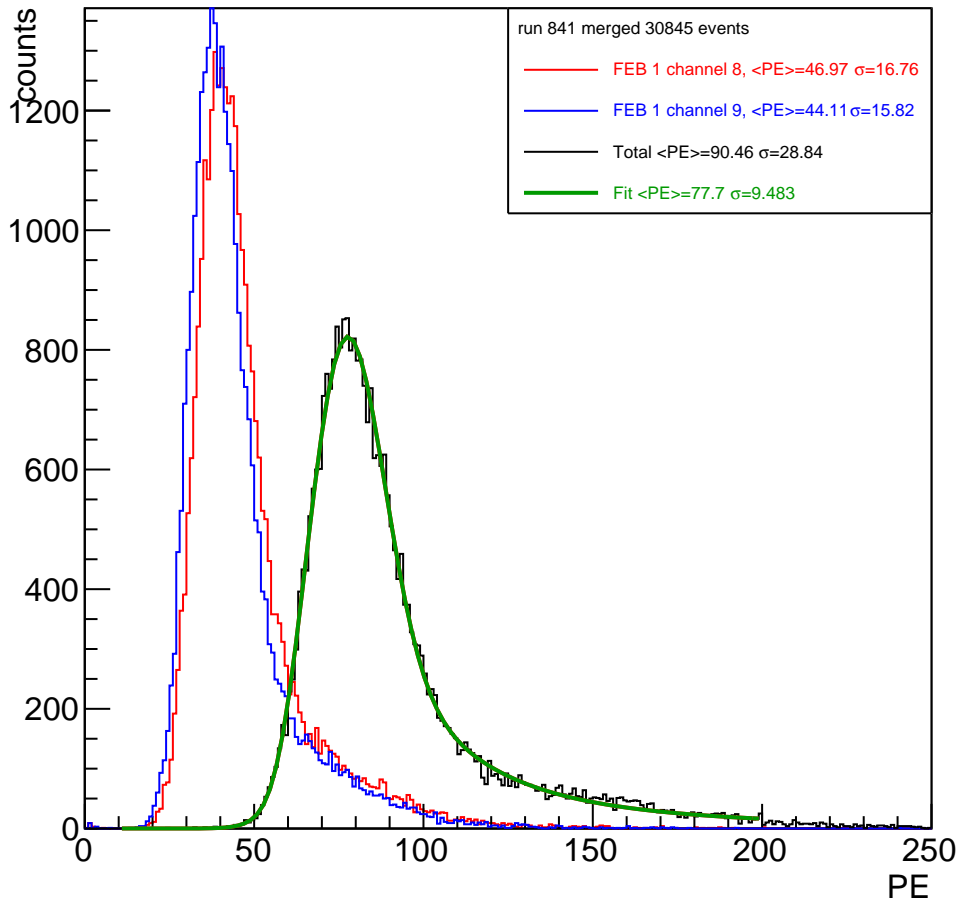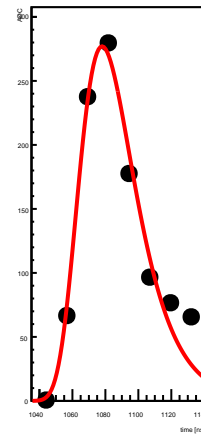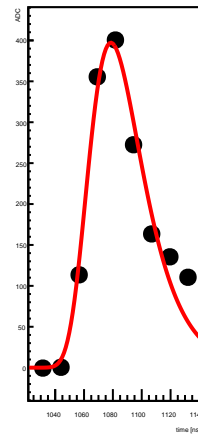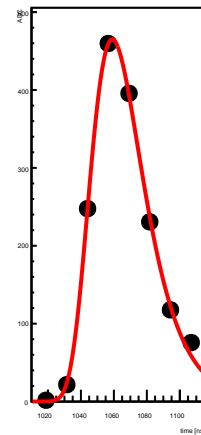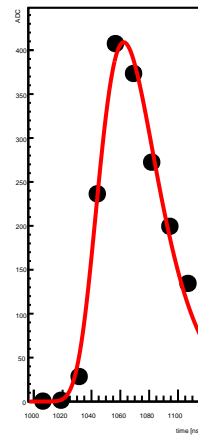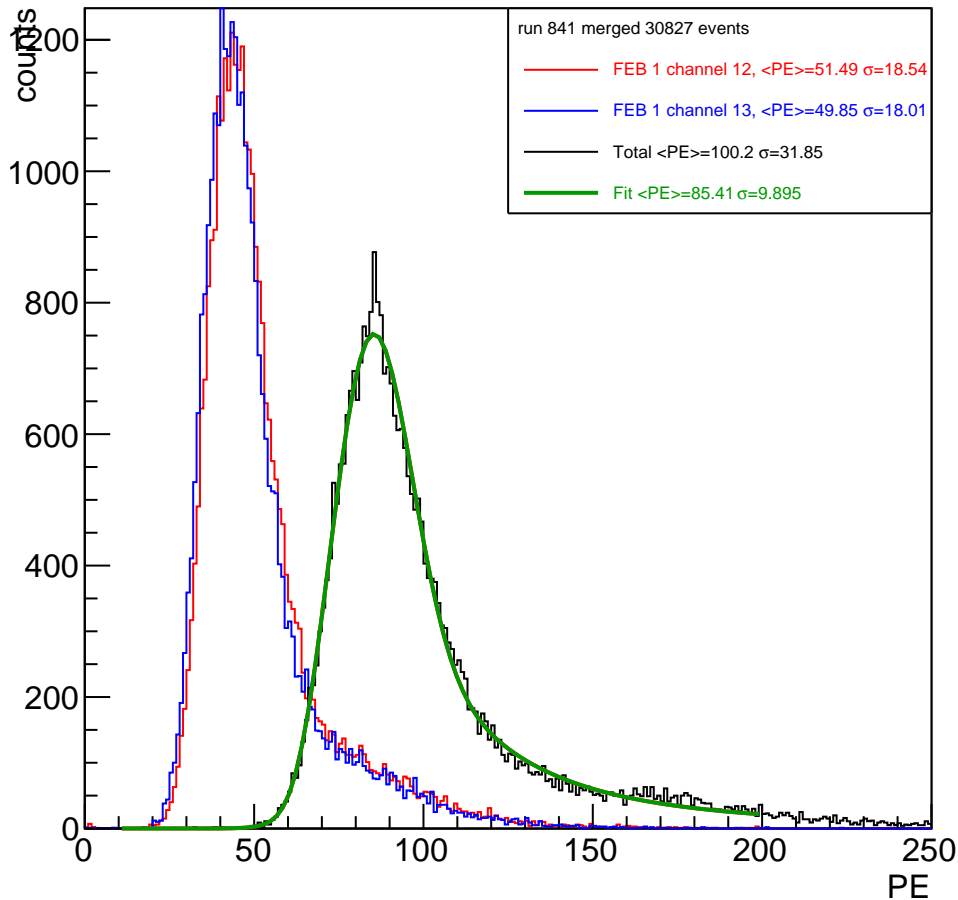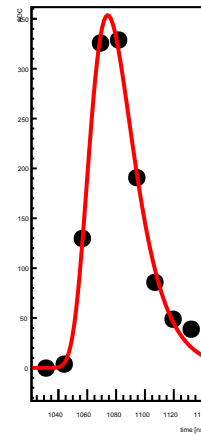
Example of a 45PE pulse

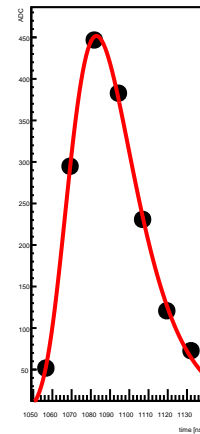Example of a 45PE pulse

Example of a 51PE pulse

time [ns]

841 PE distribution x=100mm y=75mm

run 841 merged 30827 events

FEB 1 channel 12, <PE>=51.49 σ=18.54
FEB 1 channel 13, <PE>=49.85 σ=18.01
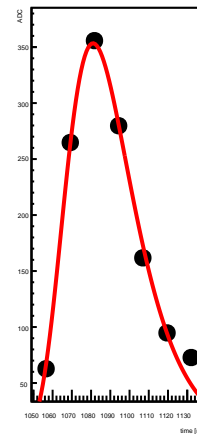Total <PE>=100.2 σ=31.85
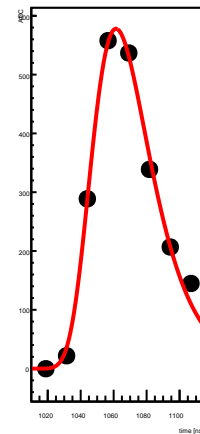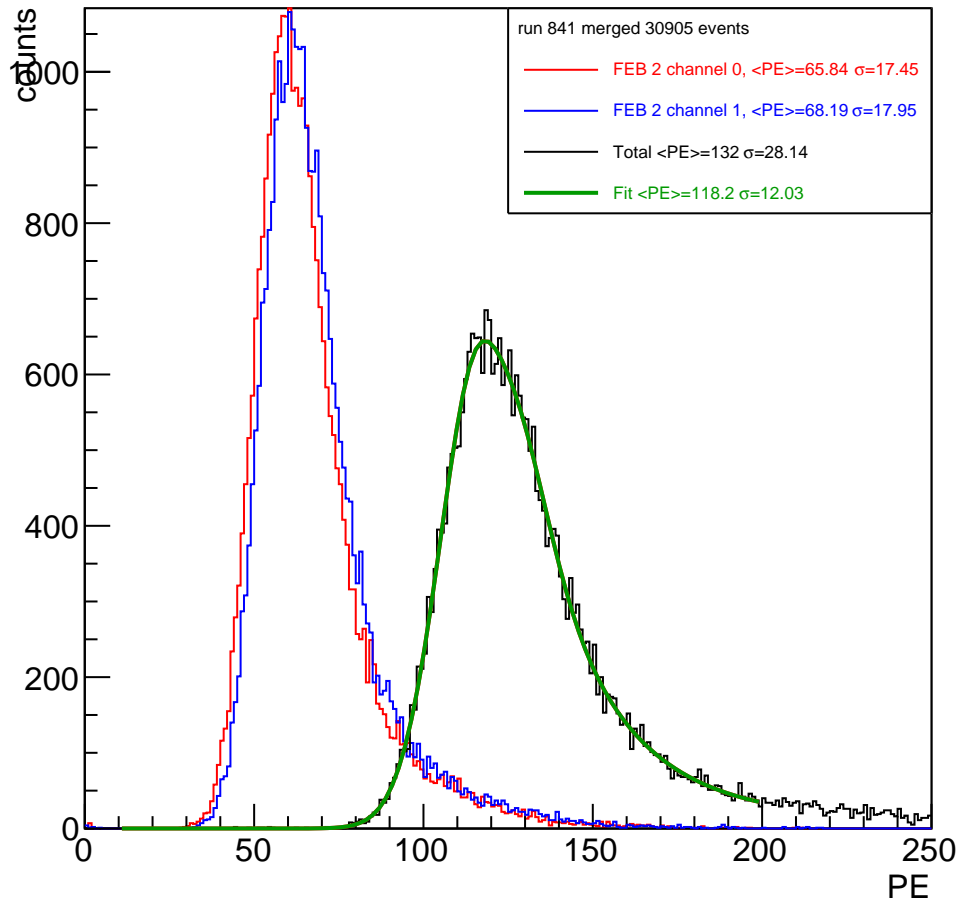Fit <PE>=85.41 σ=9.895

Example of a 33PE pulse
Example of a 48PE pulse
Example of a 38PE pulse
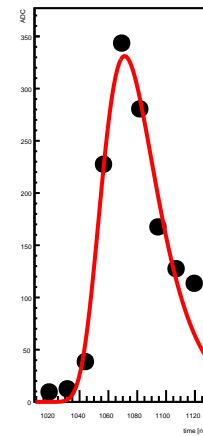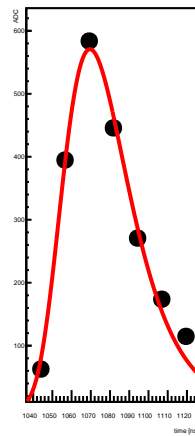Example of a 63PE pulse

841 PE distribution x=100mm y=75mm

run 841 merged 30905 events

FEB 2 channel 0, <PE>=65.84 σ=17.45
FEB 2 channel 1, <PE>=68.19 σ=17.95
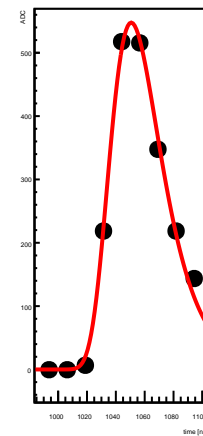Total <PE>=132 σ=28.14
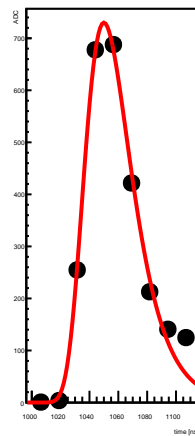Fit <PE>=118.2 σ=12.03
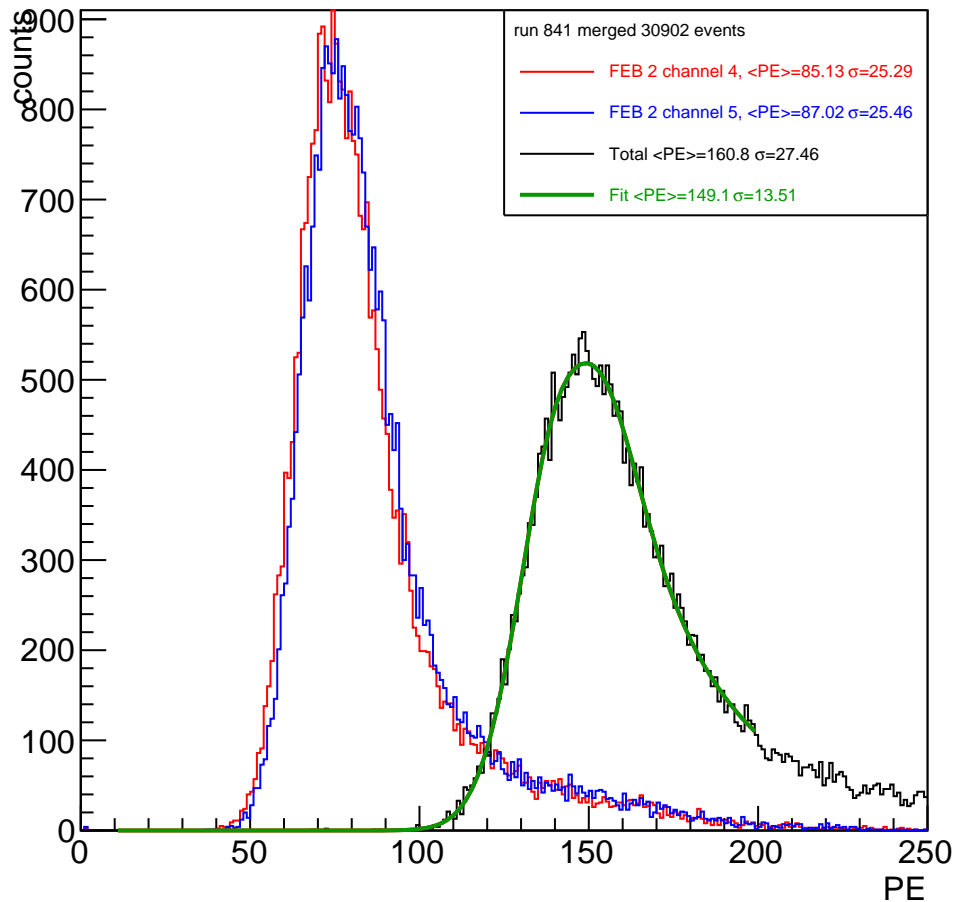
Example of a 37PE pulse
Example of a 59PE pulse
Example of a 56PE pulse
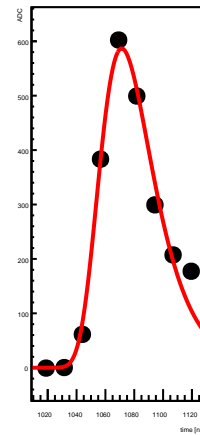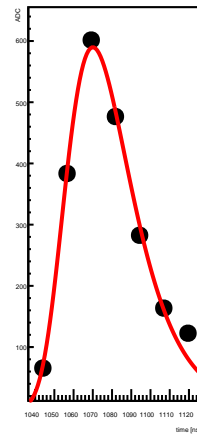Example of a 71PE pulse

841 PE distribution x=100mm y=75mm

run 841 merged 30902 events

— FEB 2 channel 4, <PE>=85.13 σ=25.29

— FEB 2 channel 5, <PE>=87.02 σ=25.46

— Total <PE>=160.8 σ=27.46
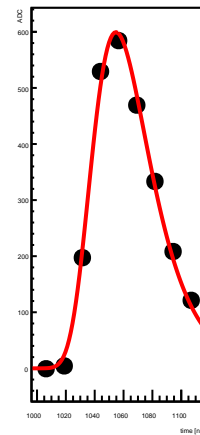
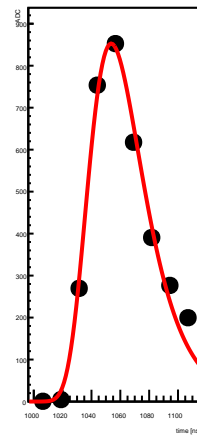— Fit <PE>=149.1 σ=13.51

counts

PE

Example of a 61PE pulse

Example of a 59PE pulse

Example of a 69PE pulse

Example of a 96PE pulse

ADC

time [ns]

841 PE distribution x=100mm y=75mm

run 841 merged 30890 events

FEB 2 channel 8, <PE>=89.17 σ=27.5
FEB 2 channel 9, <PE>=86.94 σ=27.11
Total <PE>=161.8 σ=27.4
Fit <PE>=151.5 σ=13.95
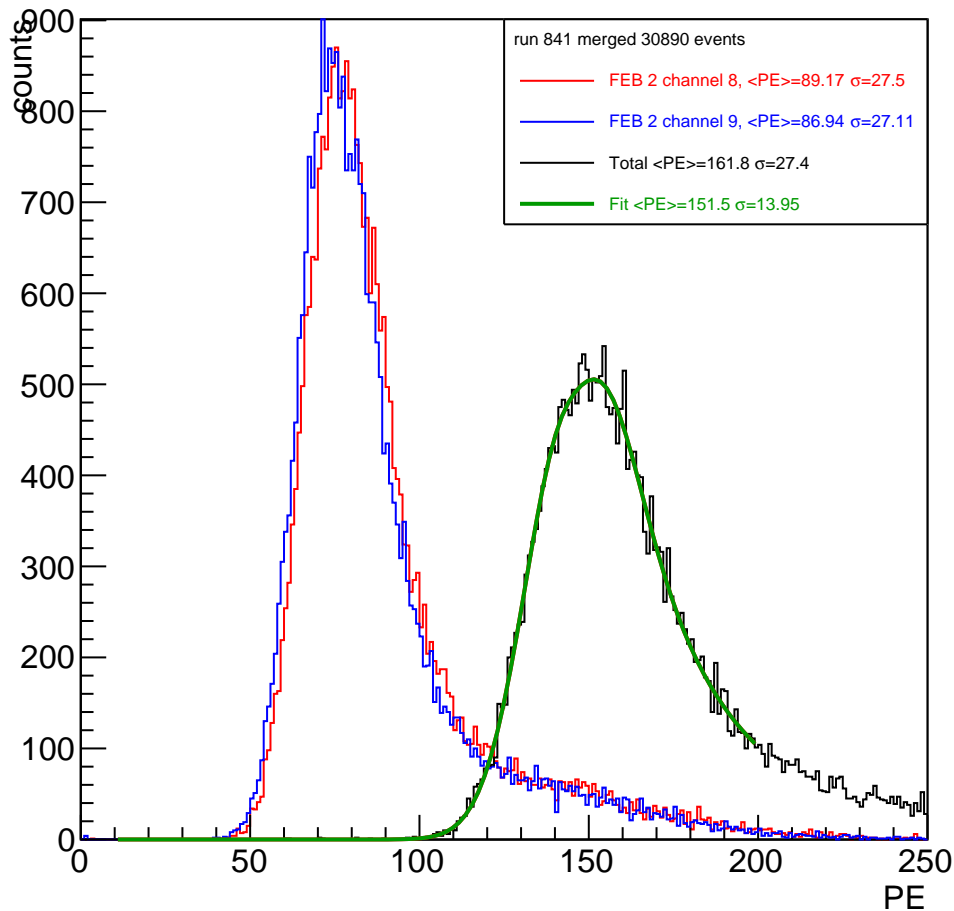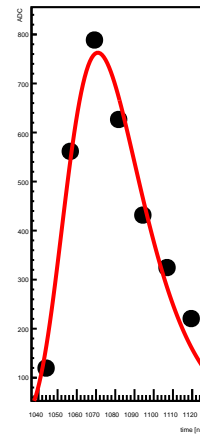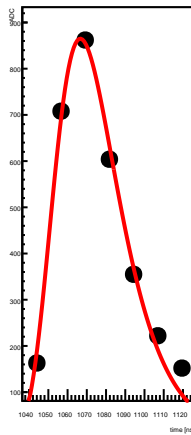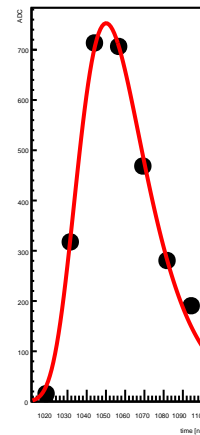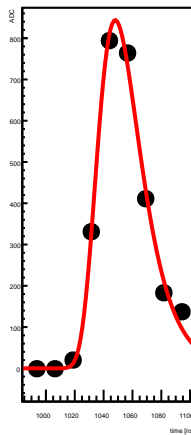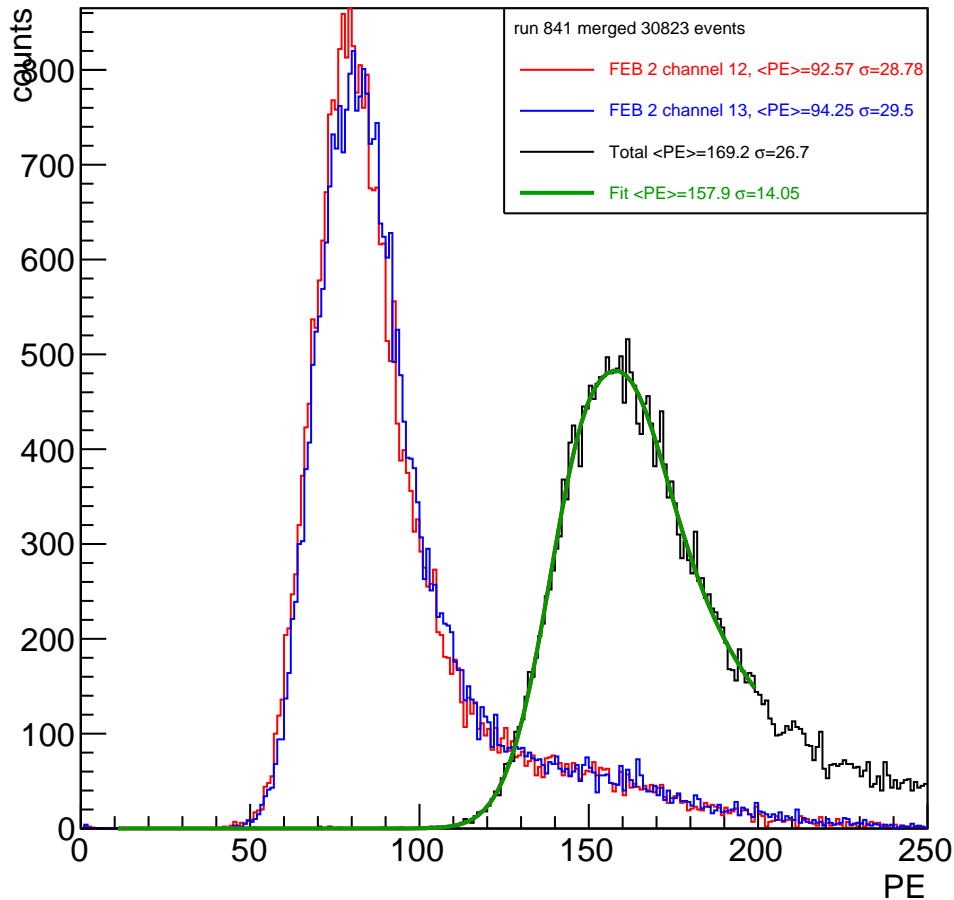
Example of a 89PE pulse

Example of a 88PE pulse

Example of a 78PE pulse

Example of a 76PE pulse

841 PE distribution x=100mm y=75mm

run 841 merged 30823 events

FEB 2 channel 12, <PE>=92.57 σ=28.78
FEB 2 channel 13, <PE>=94.25 σ=29.5
Total <PE>=169.2 σ=26.7
Fit <PE>=157.9 σ=14.05

Example of a 61PE pulse

Example of a 87PE pulse

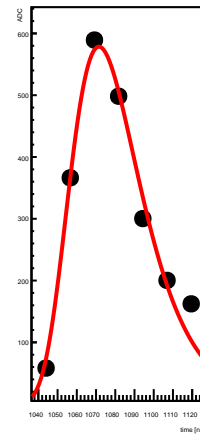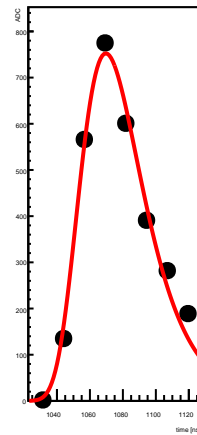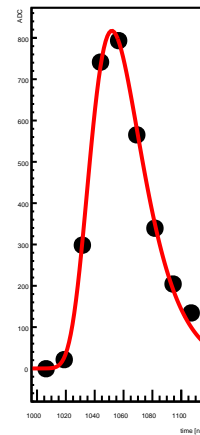Example of a 86PE pulse

Example of a 85PE pulse