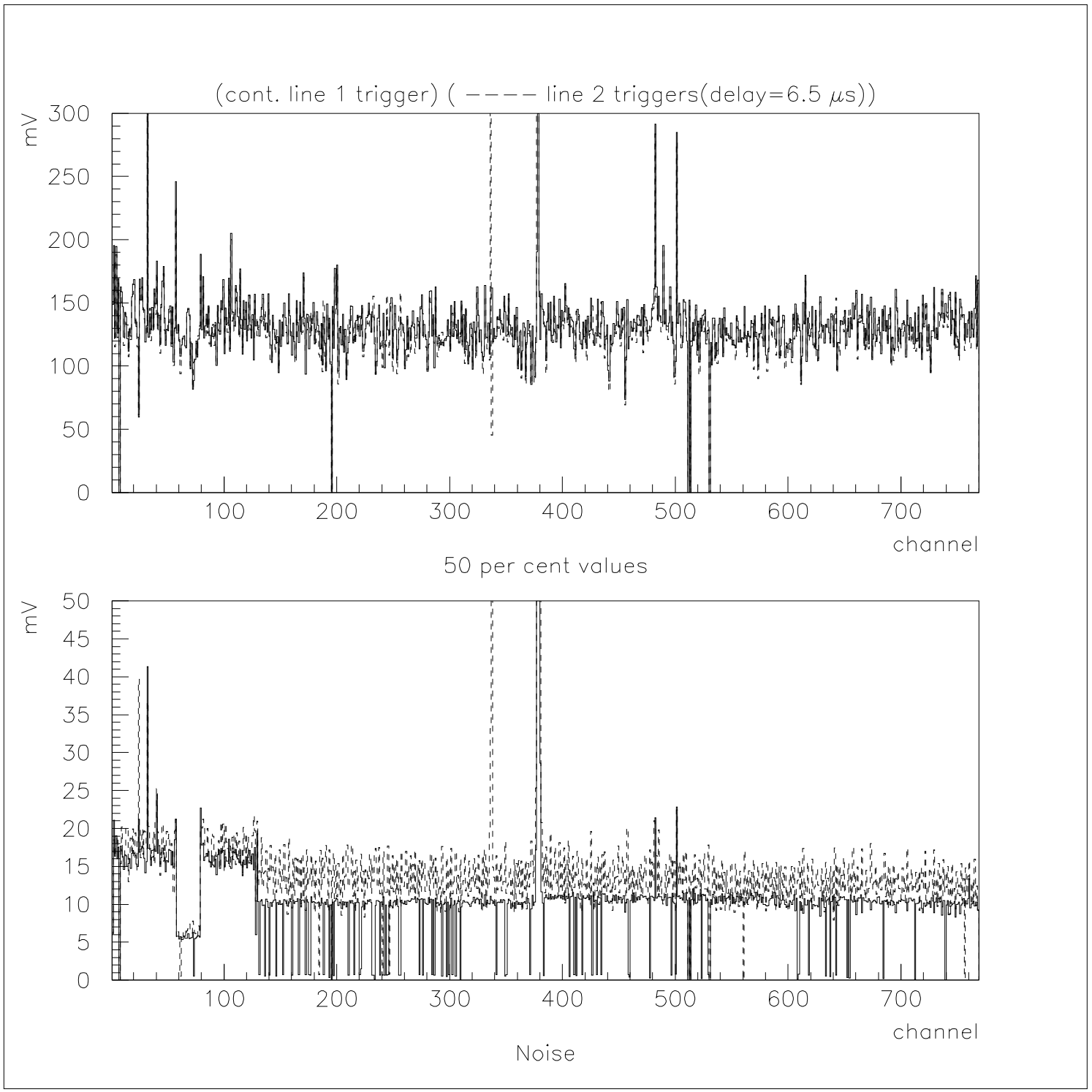
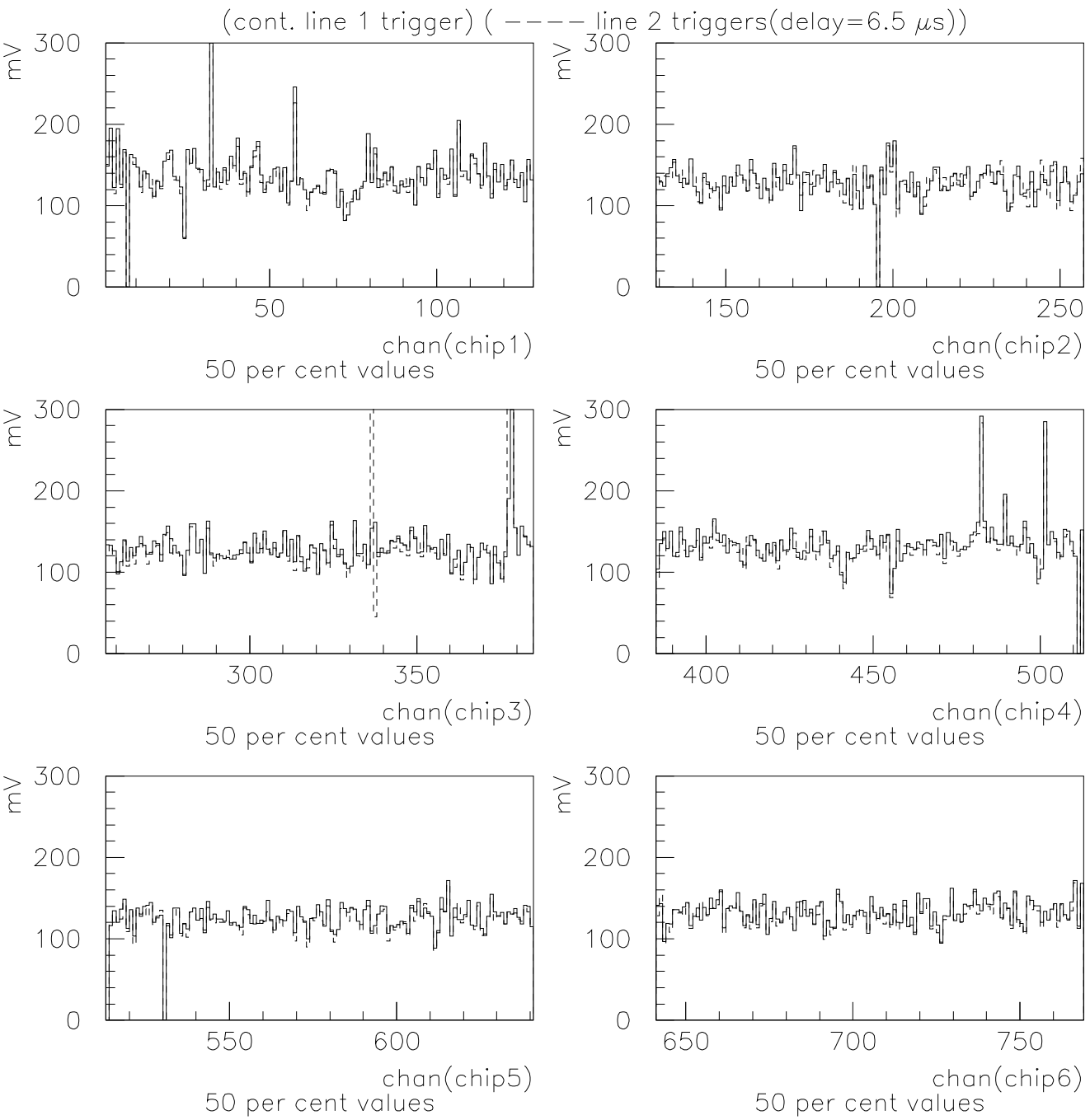
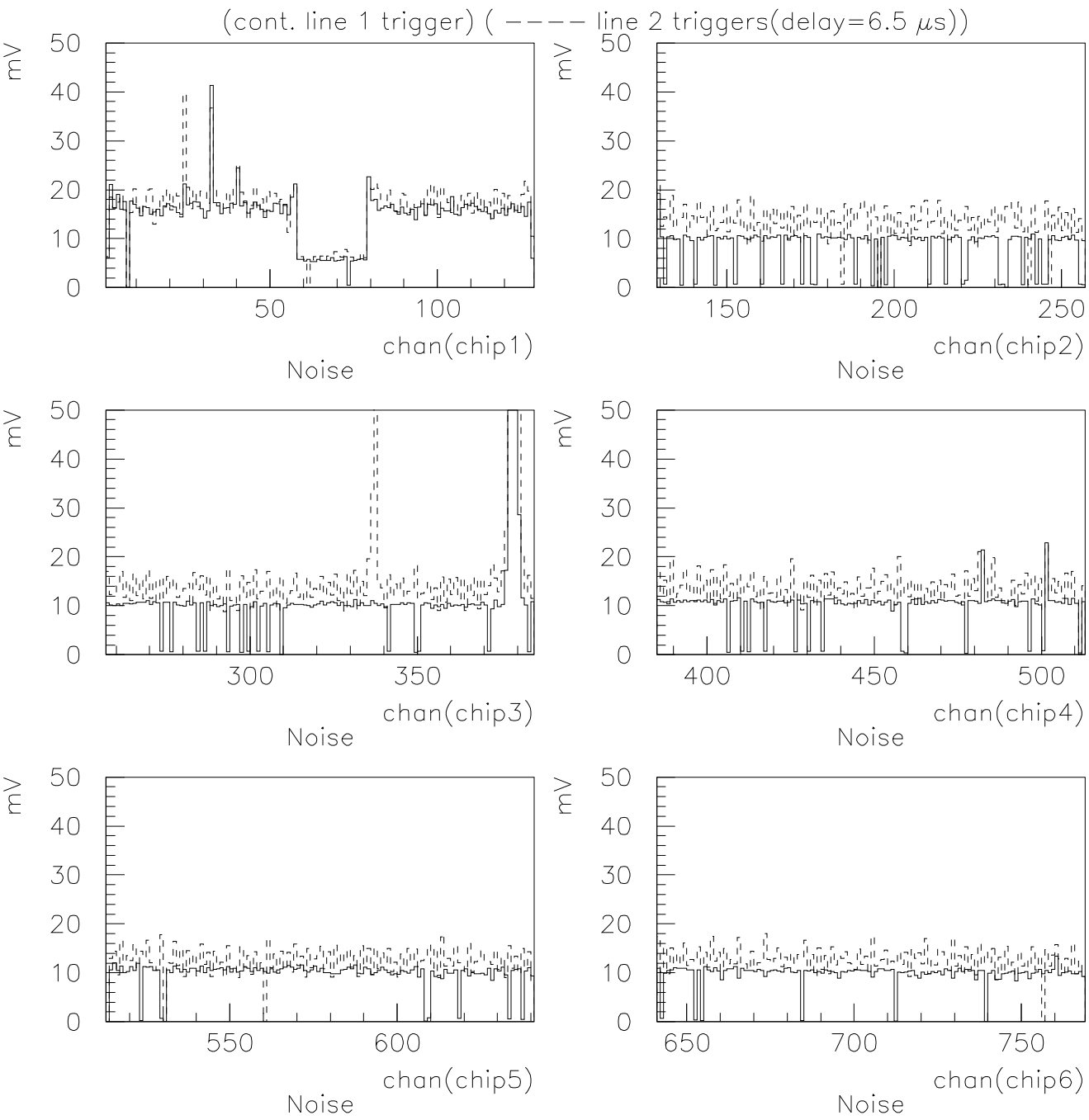
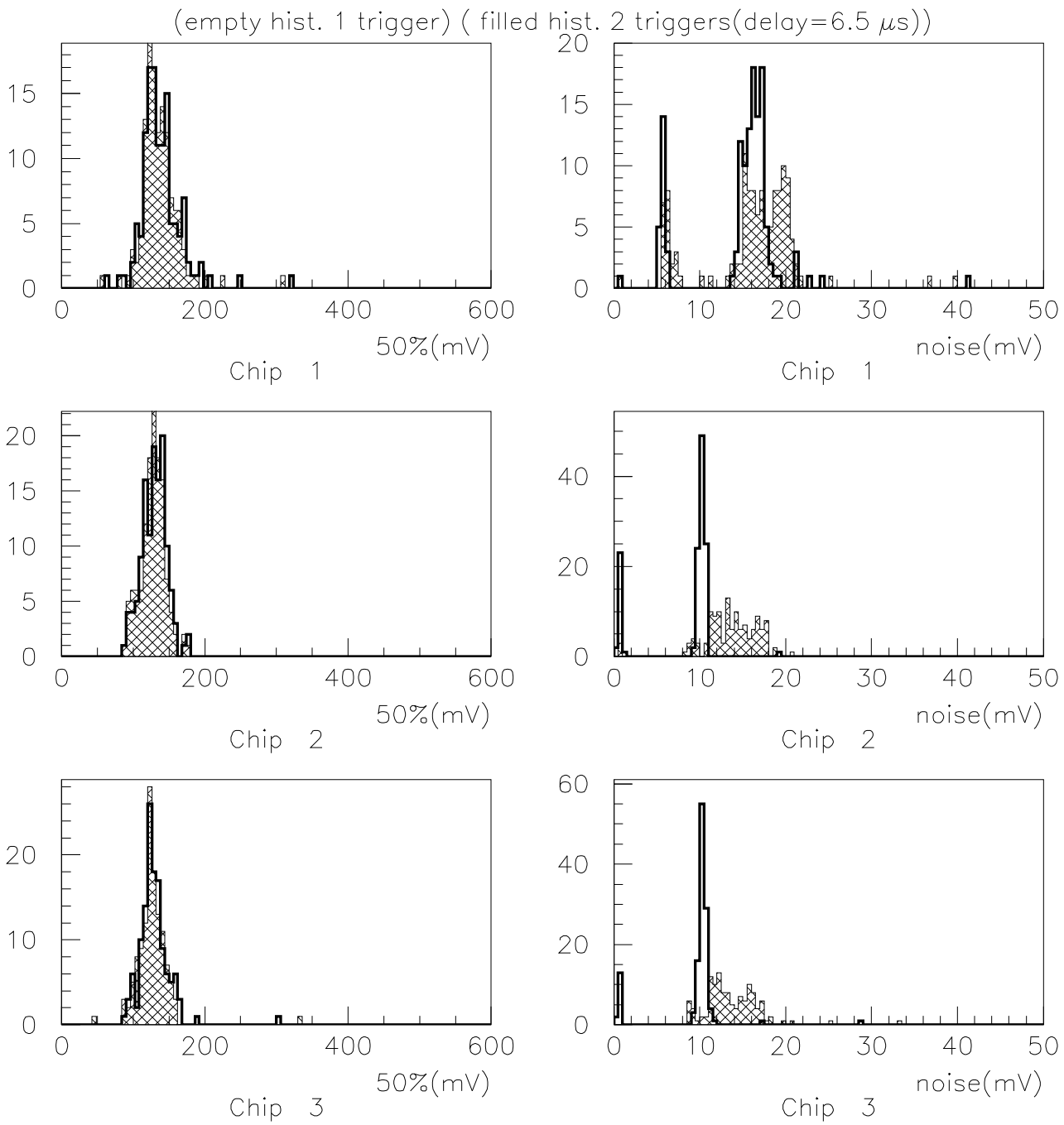
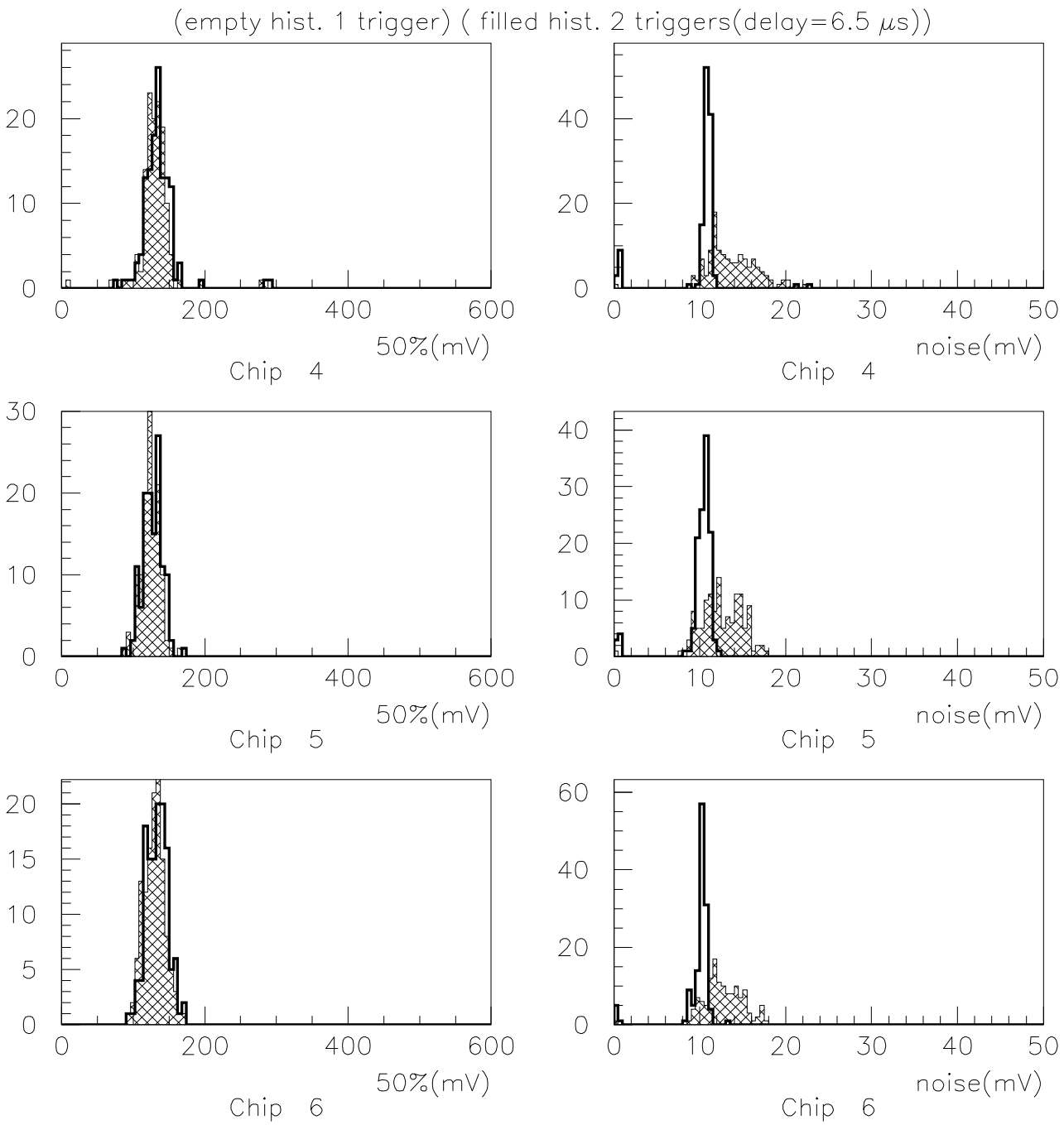
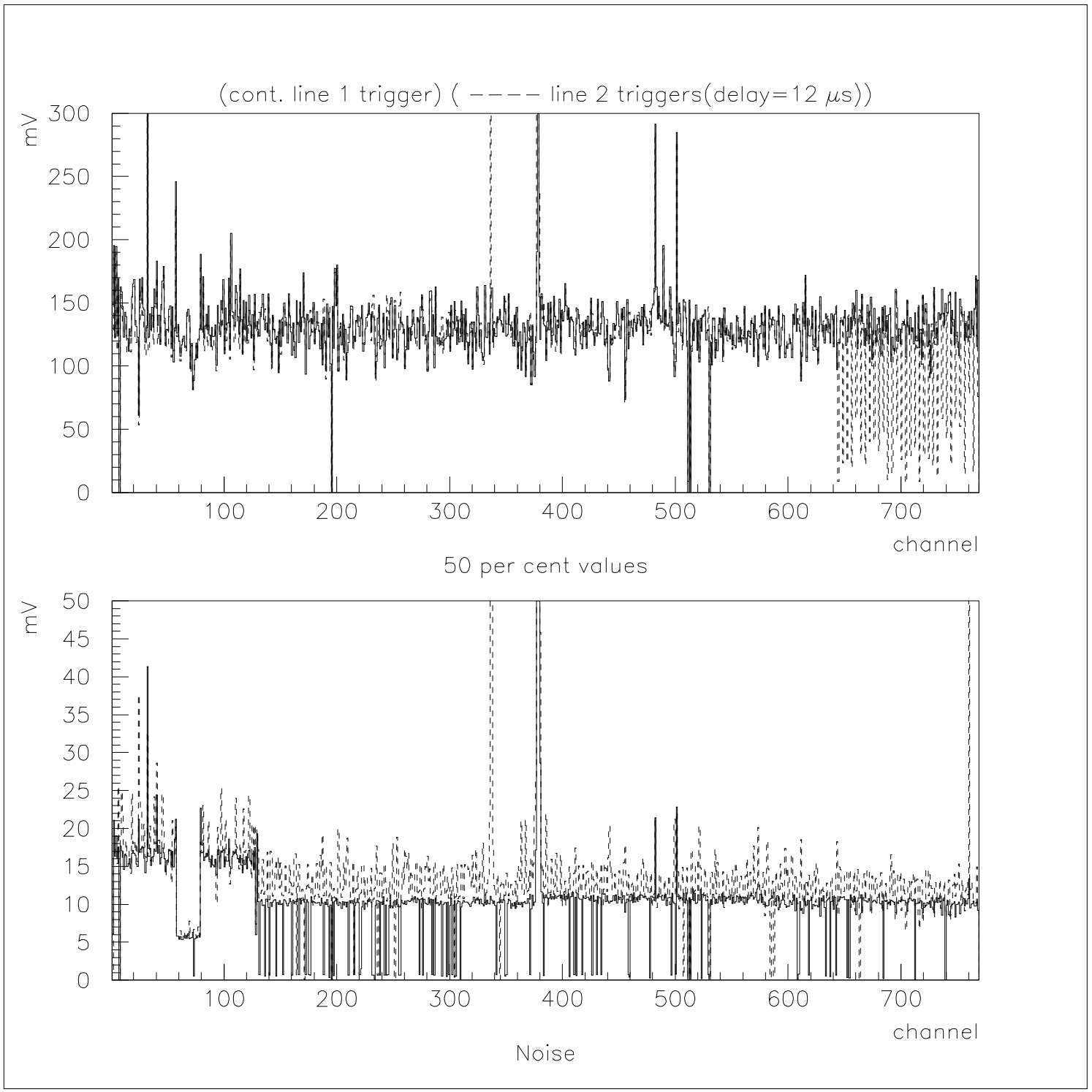

(cont. line 1 trigger) (---- line 2 triggers(delay=6.5 μs))
mV
300
250
200
150
100
50
0
100
200
300
400
500
600
700
channel
50 per cent values
mV
50
45
40
35
30
25
20
15
10
5
0
100
200
300
400
500
600
700
channel
Noise

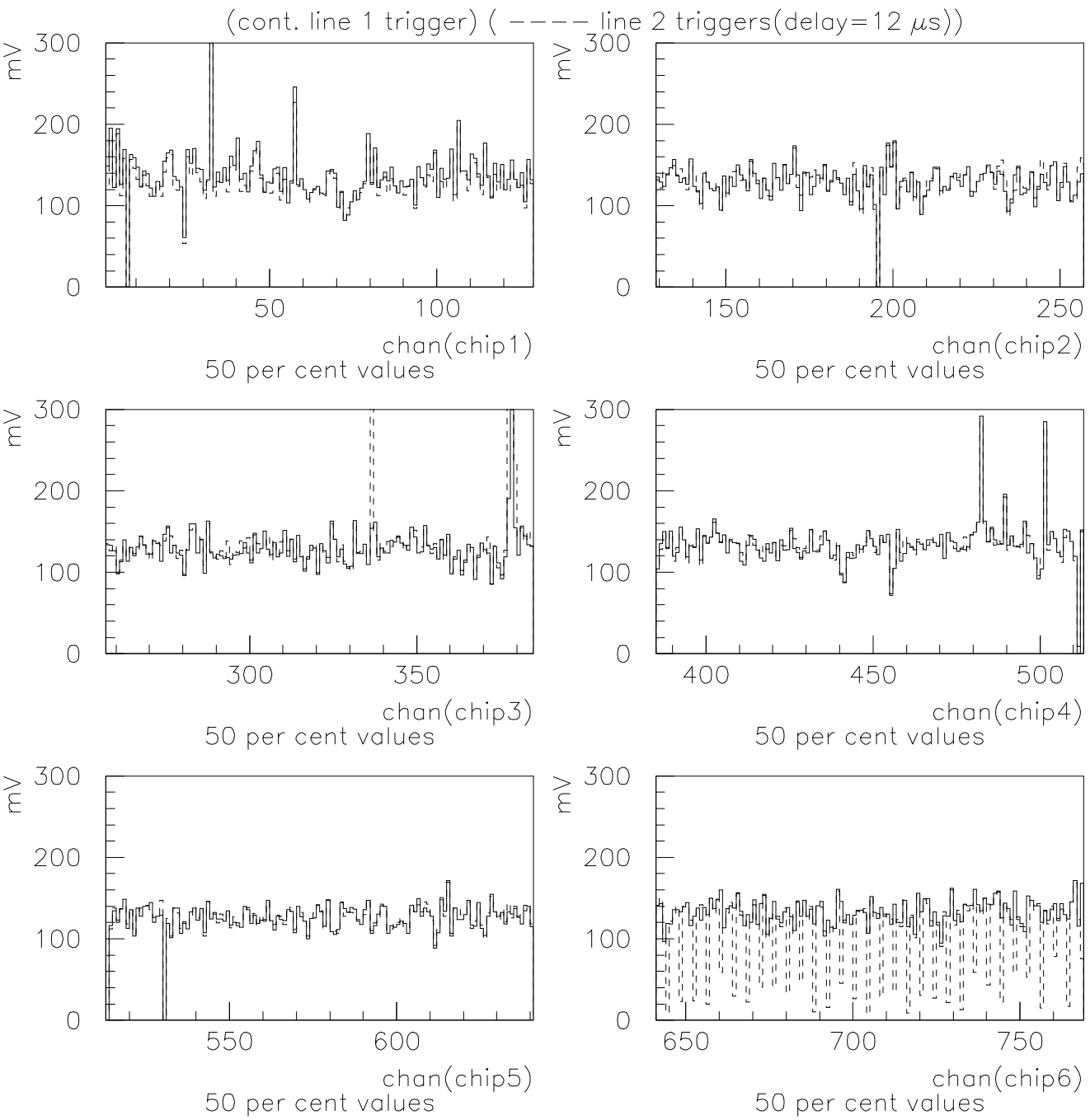

(cont. line 1 trigger) (---- line 2 triggers(delay=6.5 μs))
mV
300
200
100
0
50
100
chan(chip1)
50 per cent values
150
200
250
chan(chip2)
50 per cent values
300
350
chan(chip3)
50 per cent values
400
450
500
chan(chip4)
50 per cent values
550
600
chan(chip5)
50 per cent values
650
700
750
chan(chip6)
50 per cent values

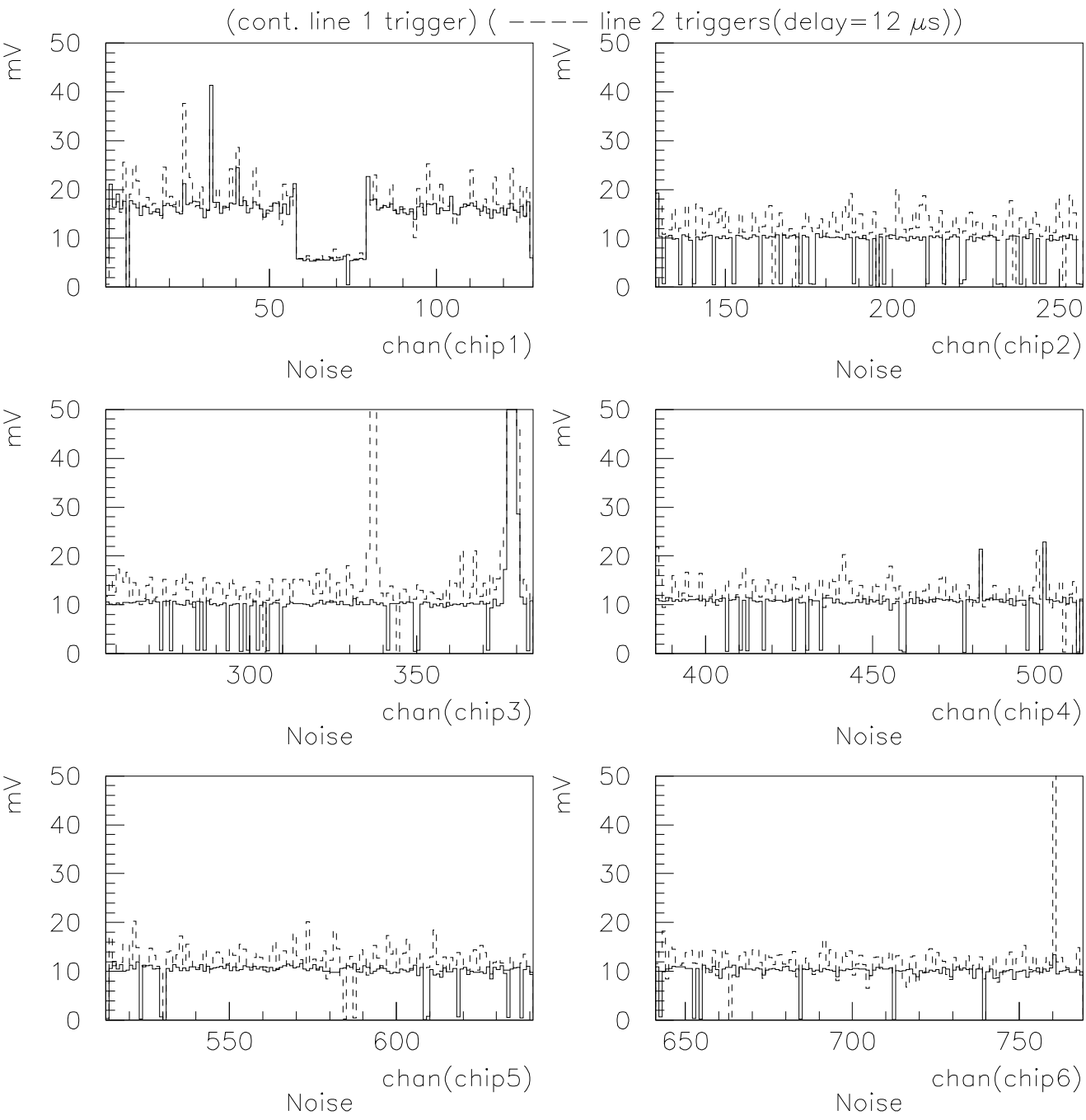

(cont. line 1 trigger) (---- line 2 triggers(delay=6.5 μs))
mV
50
40
30
20
10
0
50
100
chan(chip1)
Noise
150
200
250
chan(chip2)
300
350
chan(chip3)
400
450
500
chan(chip4)
550
600
chan(chip5)
650
700
750
chan(chip6)

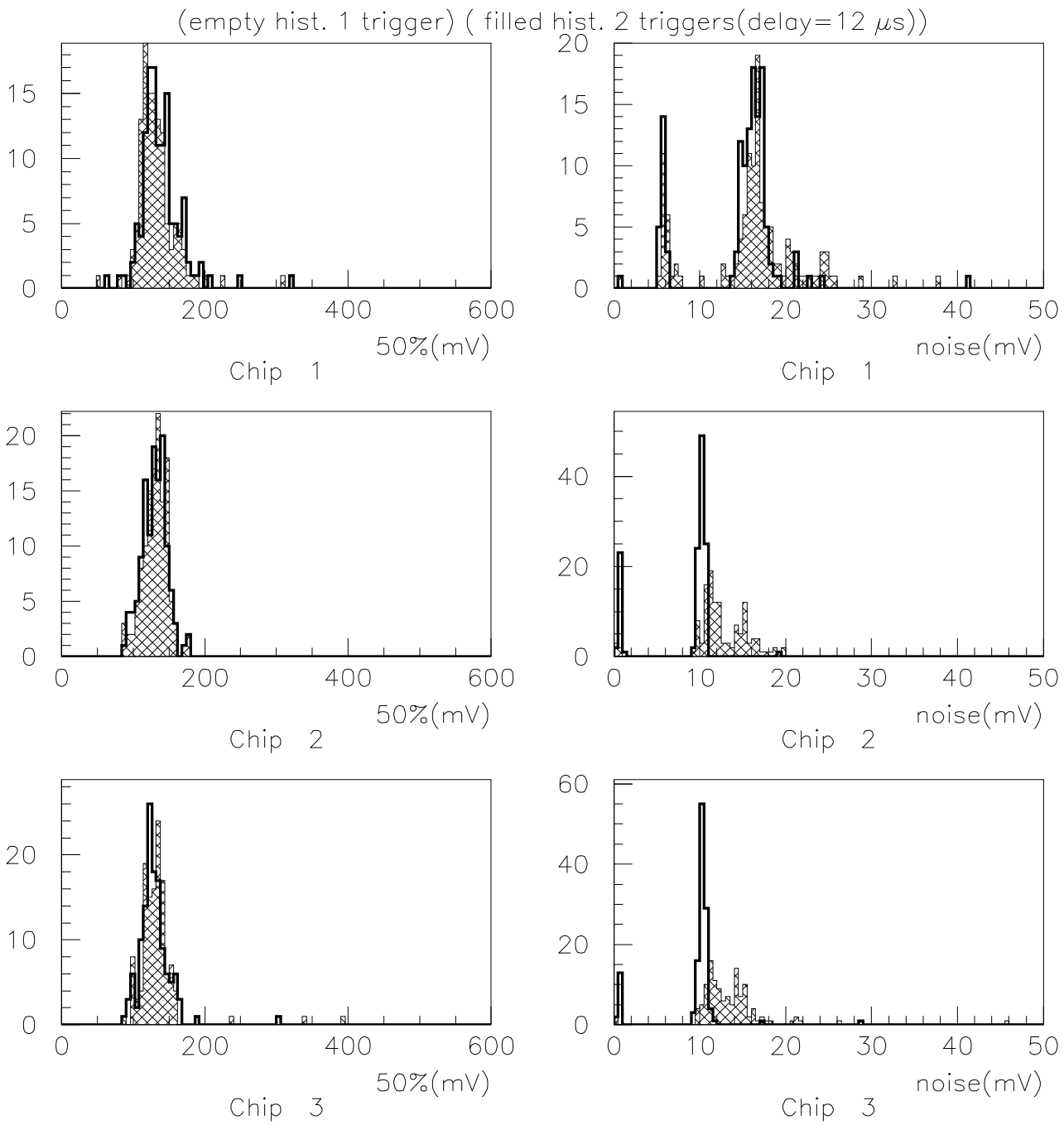

(empty hist. 1 trigger) (filled hist. 2 triggers(delay=6.5 μs))
50%(mV)
Chip 1
noise(mV)
Chip 1
50%(mV)
Chip 2
noise(mV)
Chip 2
50%(mV)
Chip 3
noise(mV)
Chip 3

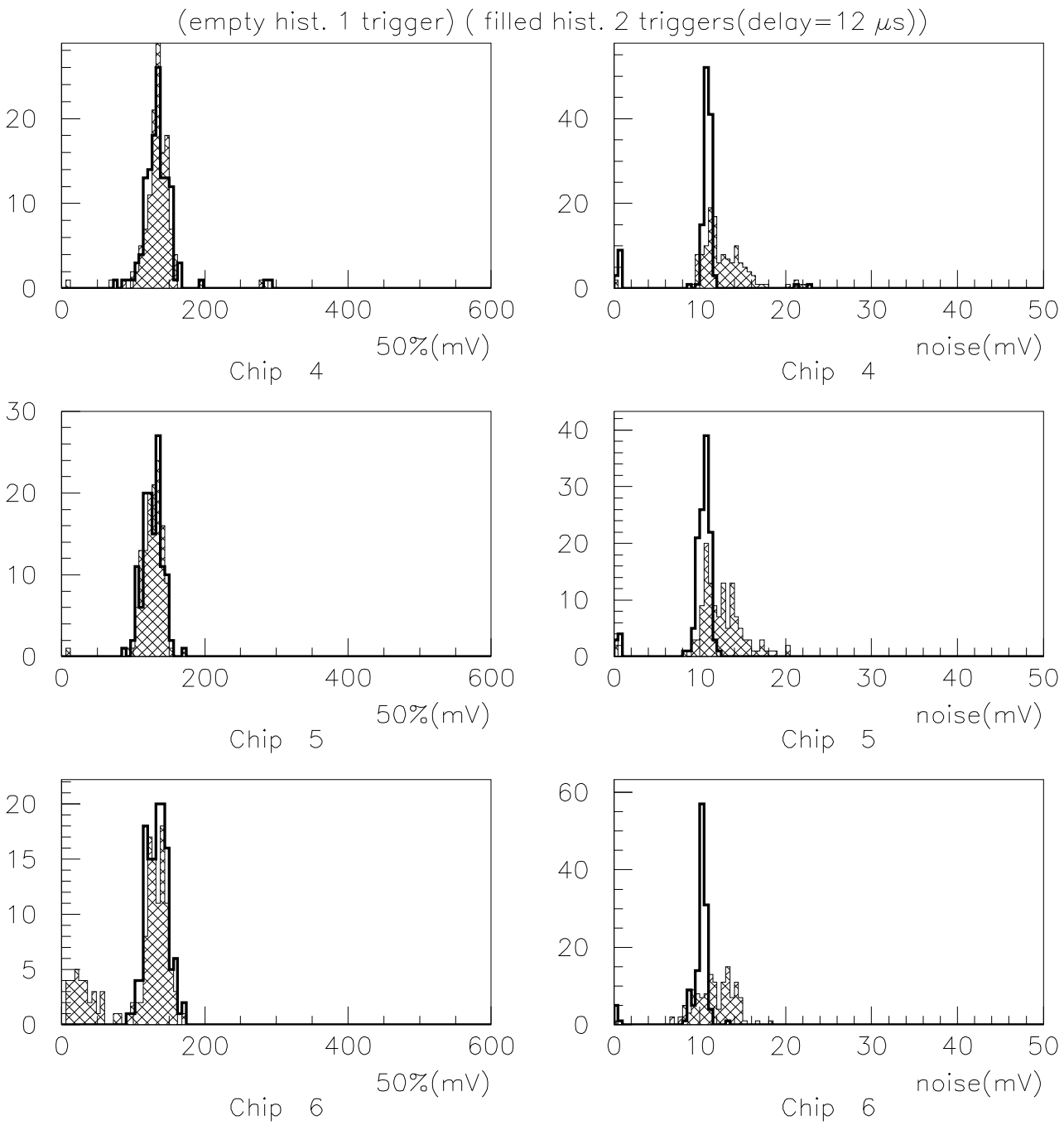

(empty hist. 1 trigger) (filled hist. 2 triggers(delay=6.5 μs))
50%(mV)
Chip 4
noise(mV)
Chip 4
50%(mV)
Chip 5
noise(mV)
Chip 5
50%(mV)
Chip 6
noise(mV)
Chip 6

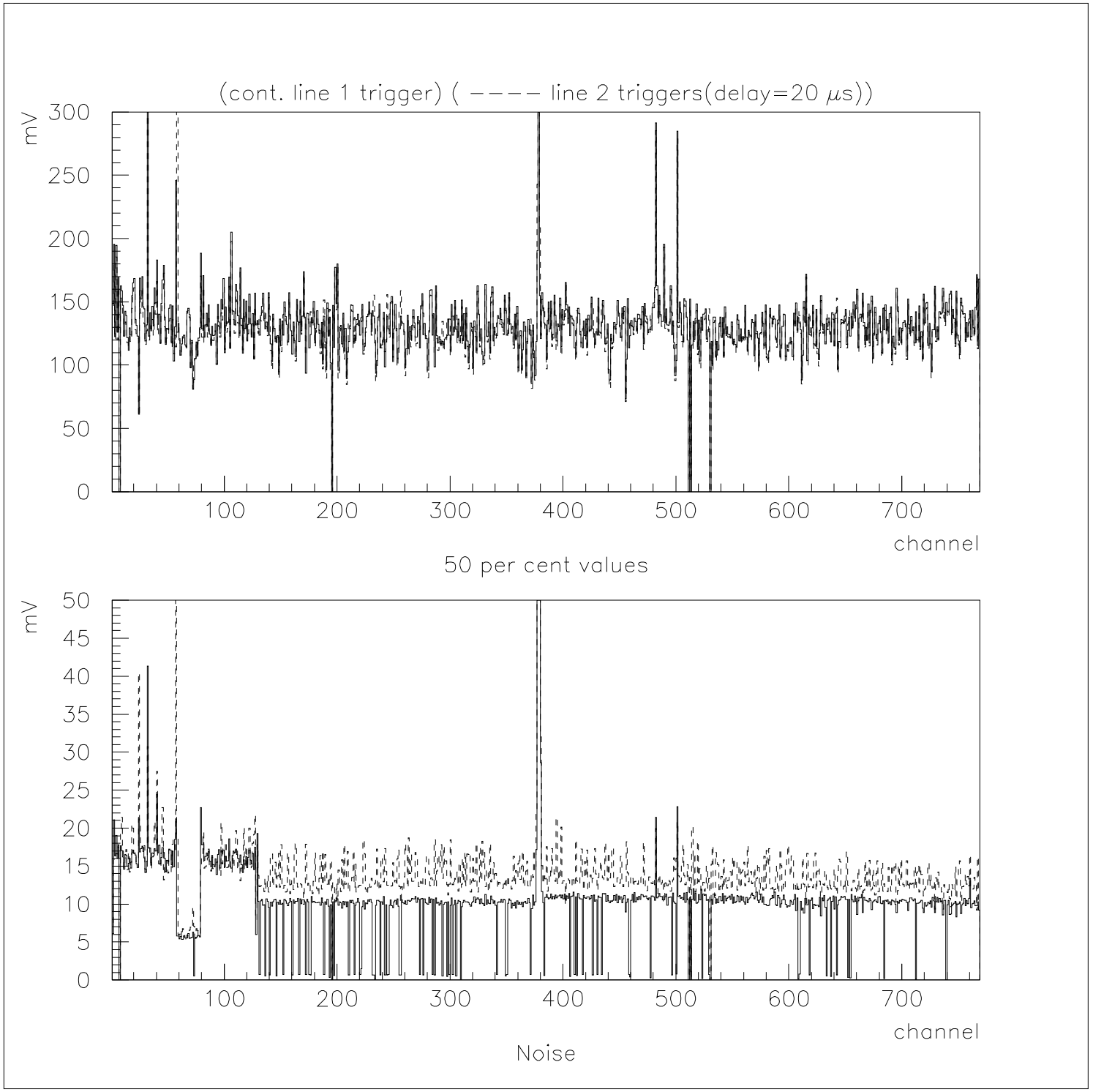

(cont. line 1 trigger) (---- line 2 triggers(delay=12 μs))
mV
300
250
200
150
100
50
0
100
200
300
400
500
600
700
channel
50 per cent values
mV
50
45
40
35
30
25
20
15
10
5
0
100
200
300
400
500
600
700
channel
Noise

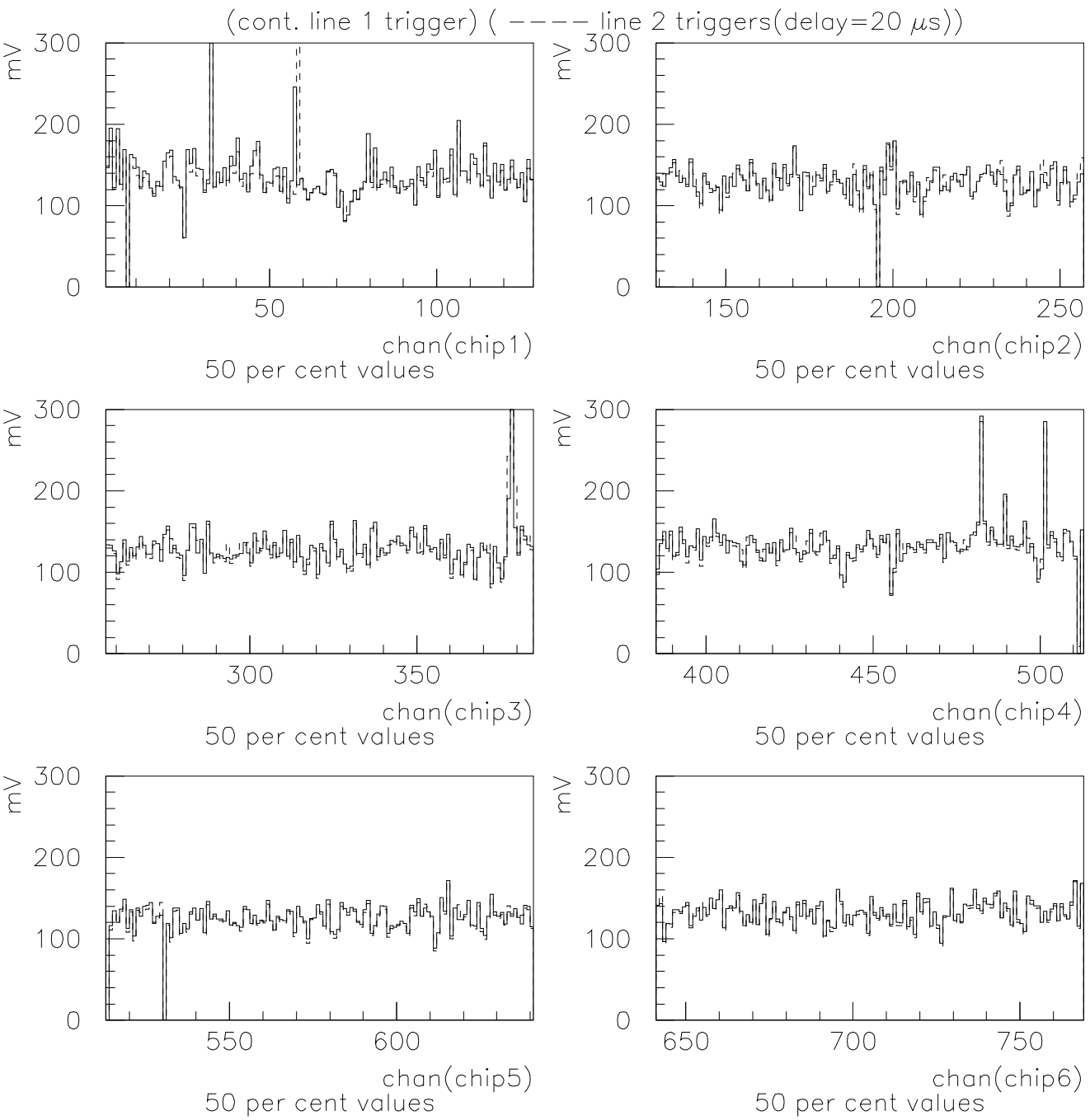

(cont. line 1 trigger) (---- line 2 triggers(delay=12 μs))
mV
300
200
100
0
50
100
chan(chip1)
50 per cent values
150
200
250
chan(chip2)
50 per cent values
300
350
chan(chip3)
50 per cent values
400
450
500
chan(chip4)
50 per cent values
550
600
chan(chip5)
50 per cent values
650
700
750
chan(chip6)
50 per cent values

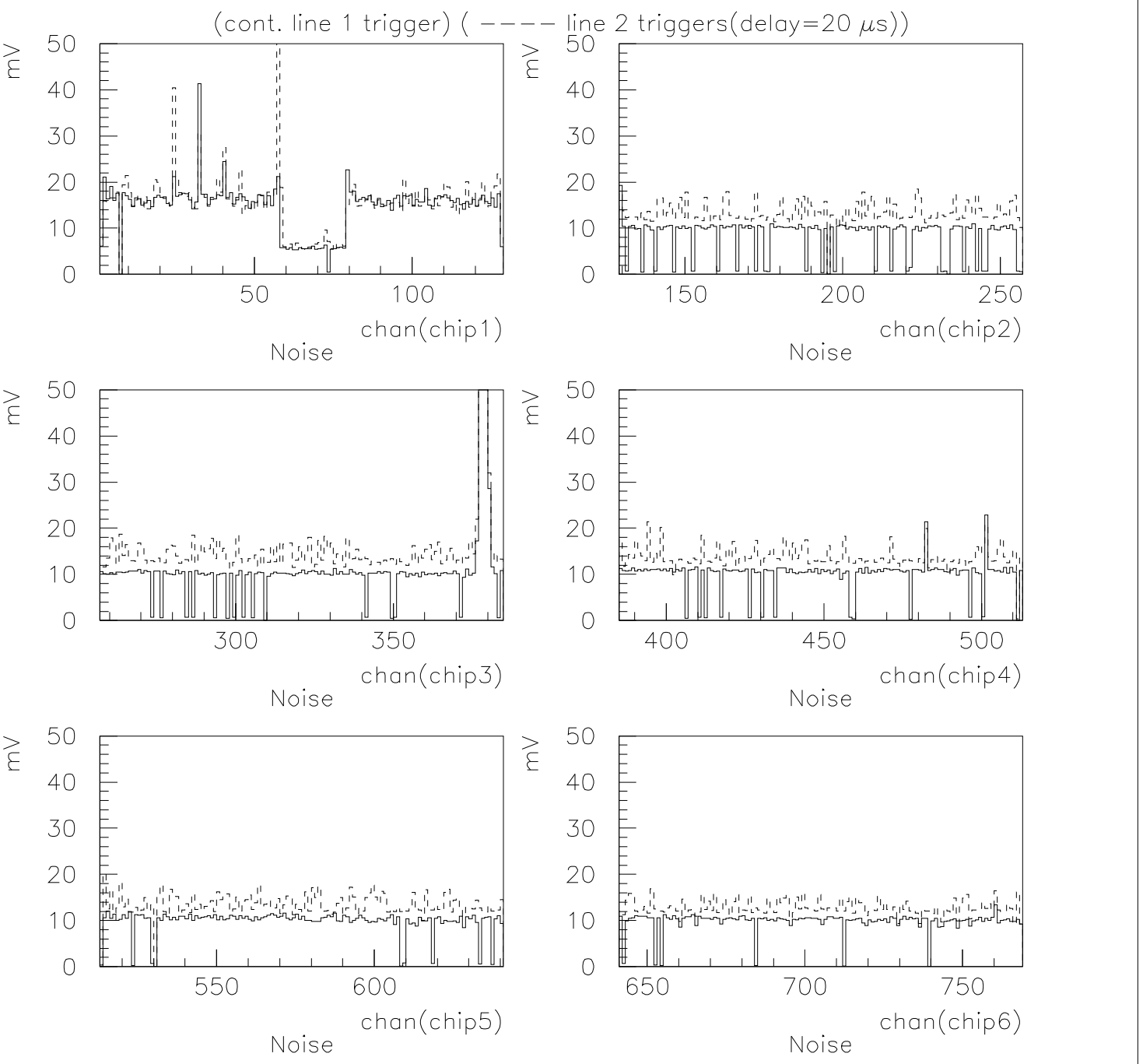

(cont. line 1 trigger) (---- line 2 triggers(delay=12 μs))
mV
50
40
30
20
10
0
50
100
chan(chip1)
Noise
150
200
250
chan(chip2)
300
350
chan(chip3)
400
450
500
chan(chip4)
550
600
chan(chip5)
650
700
750
chan(chip6)

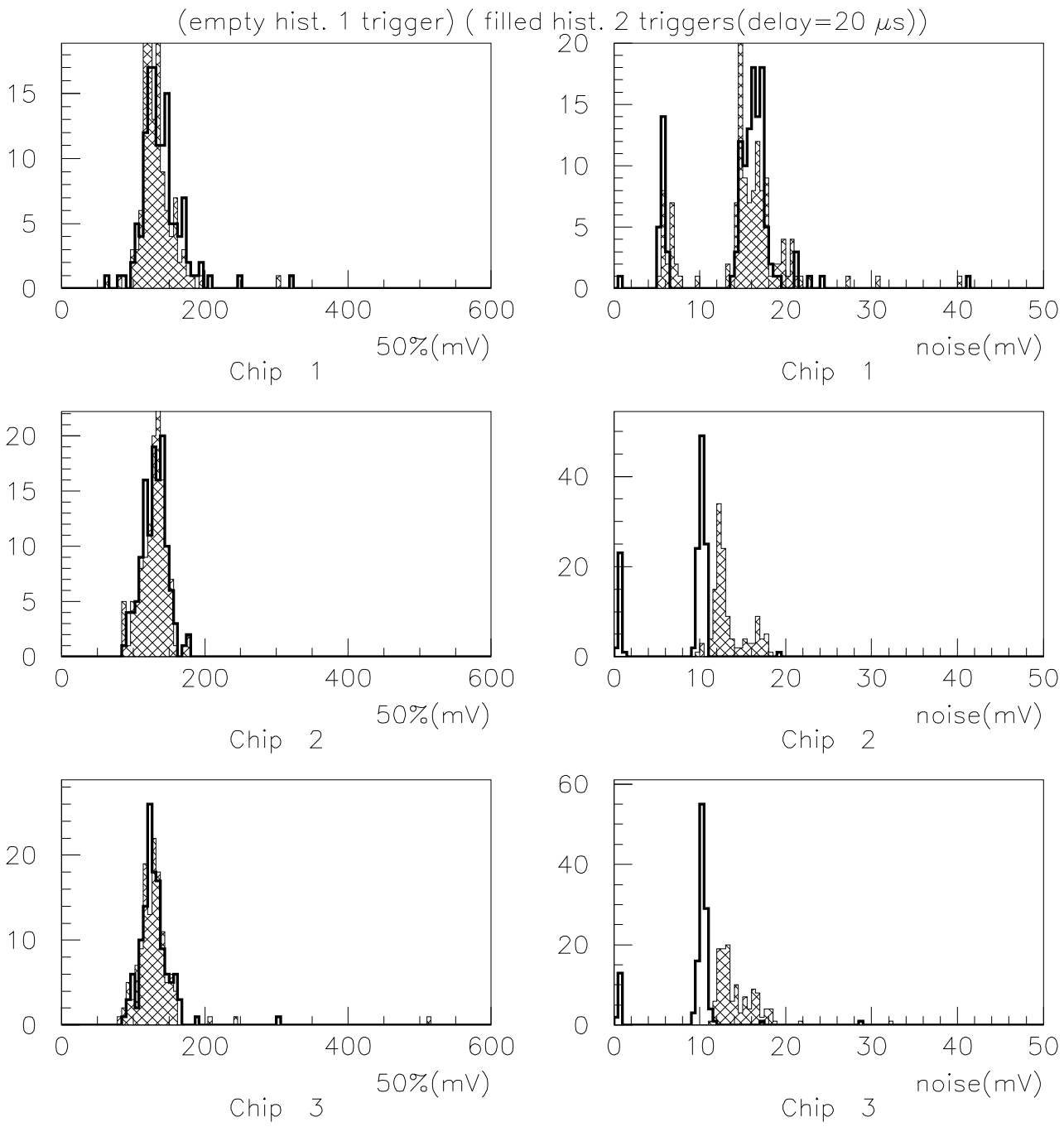

(empty hist. 1 trigger) (filled hist. 2 triggers(delay=12 μs))
50%(mV)
Chip 1
noise(mV)
Chip 1
50%(mV)
Chip 2
noise(mV)
Chip 2
50%(mV)
Chip 3
noise(mV)
Chip 3

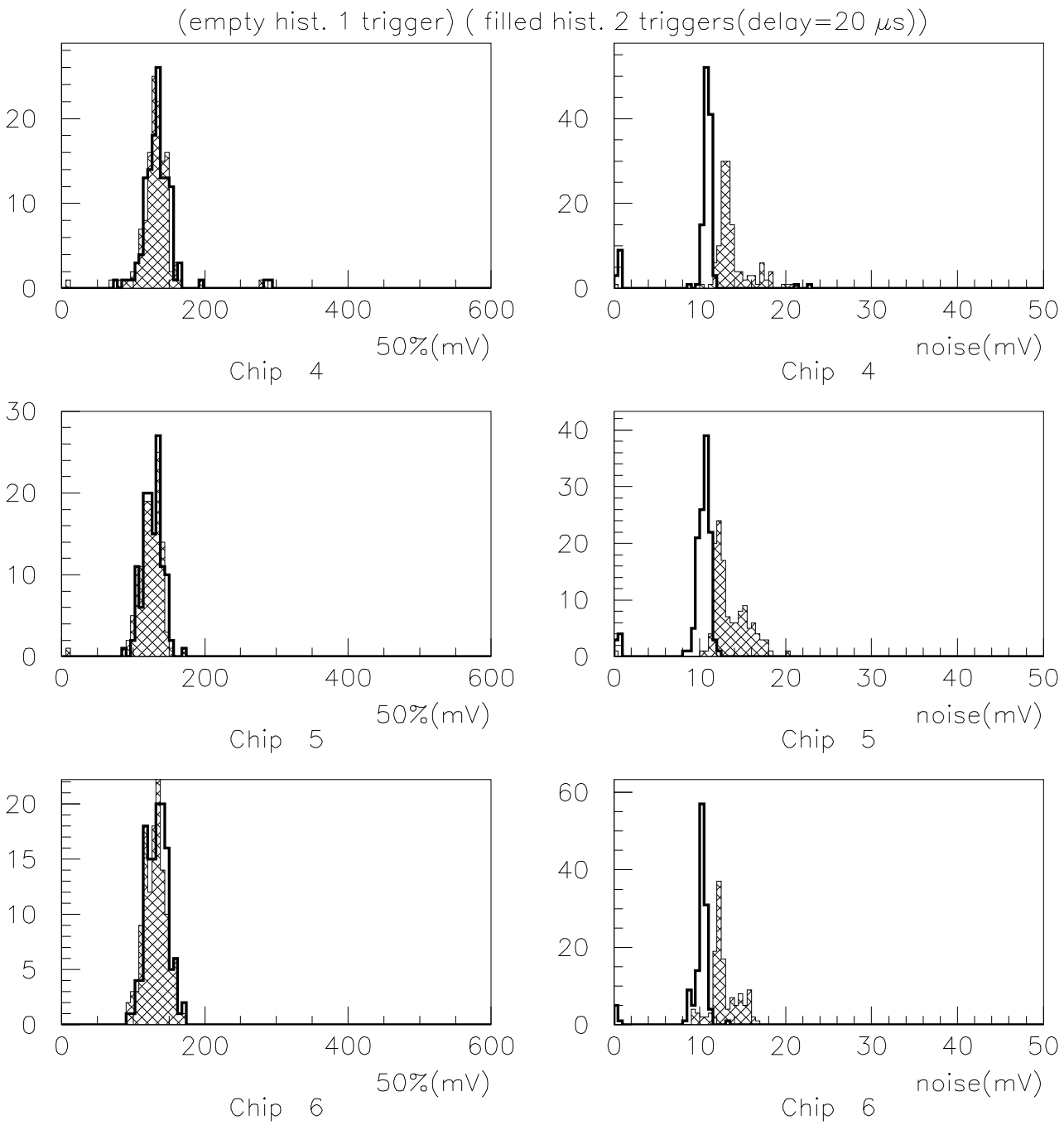

(empty hist. 1 trigger) (filled hist. 2 triggers(delay=12 μs))
50%(mV)
Chip 4
noise(mV)
Chip 4
50%(mV)
Chip 5
noise(mV)
Chip 5
50%(mV)
Chip 6
noise(mV)
Chip 6

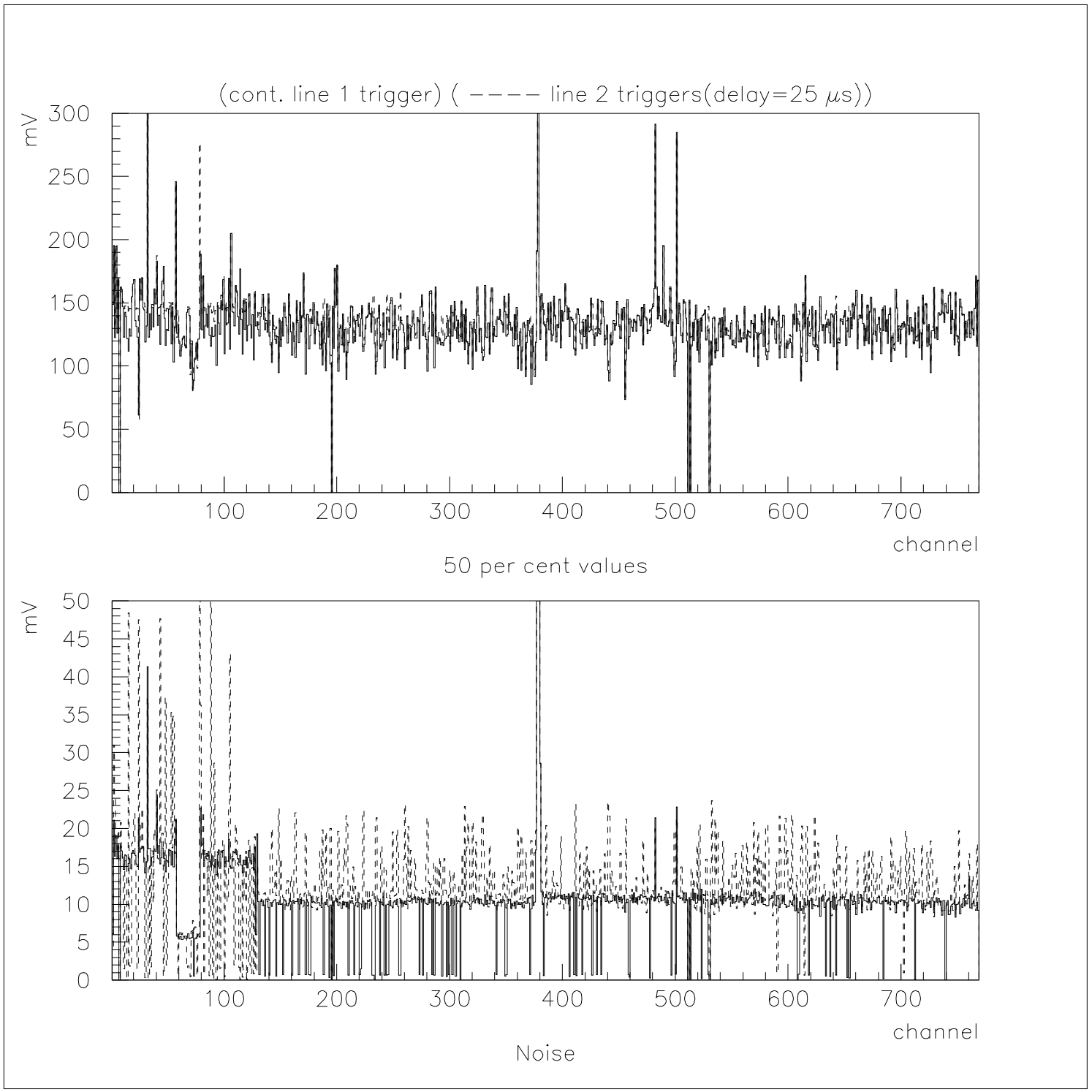

(cont. line 1 trigger) (---- line 2 triggers(delay=20 μs))
mV
300
250
200
150
100
50
0
100
200
300
400
500
600
700
channel
50 per cent values
mV
50
45
40
35
30
25
20
15
10
5
0
100
200
300
400
500
600
700
channel
Noise

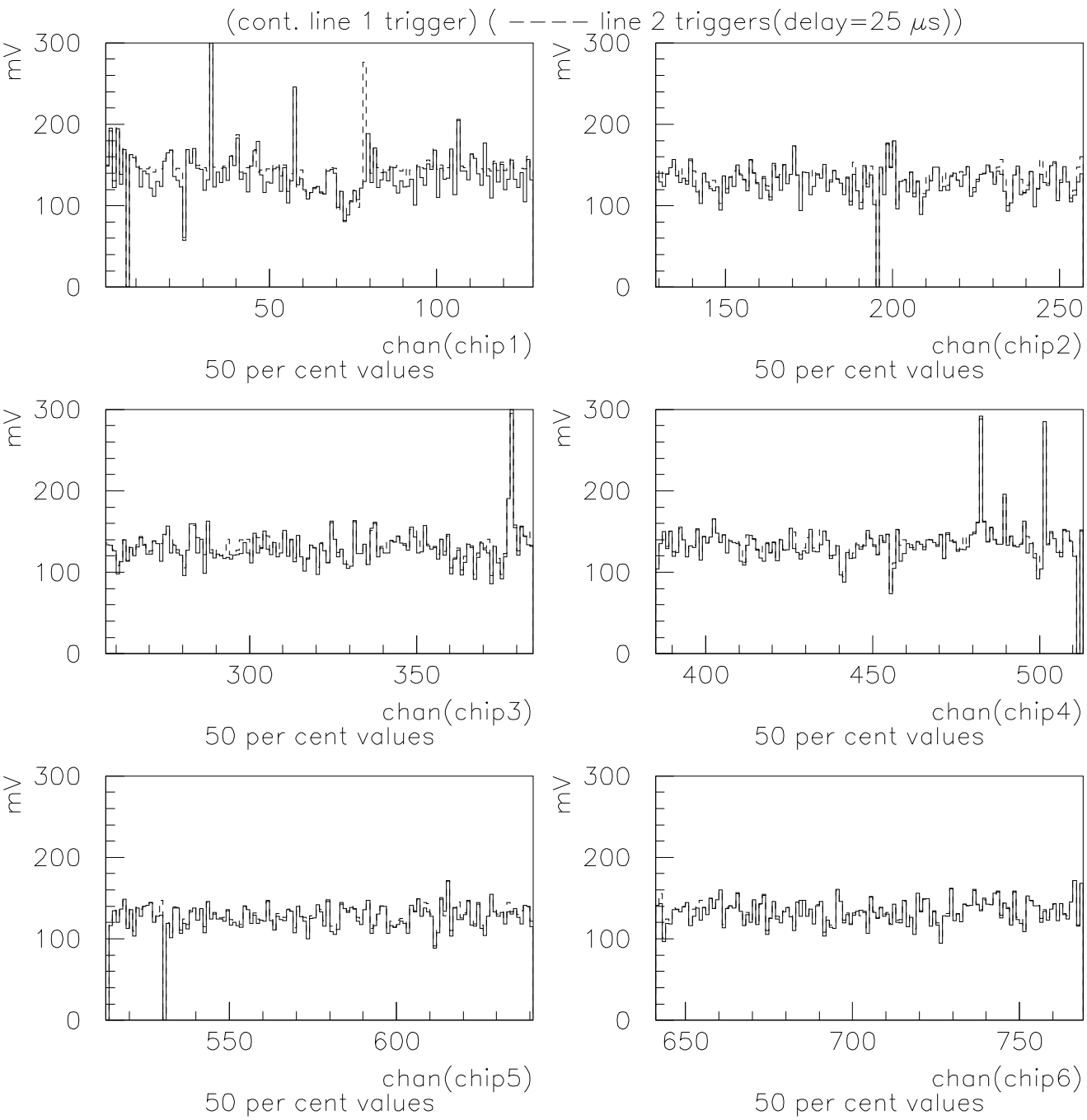

(cont. line 1 trigger) (---- line 2 triggers(delay=20 μs))
mV
300
200
100
0
50
100
chan(chip1)
50 per cent values
150
200
250
chan(chip2)
50 per cent values
300
350
chan(chip3)
50 per cent values
400
450
500
chan(chip4)
50 per cent values
550
600
chan(chip5)
50 per cent values
650
700
750
chan(chip6)
50 per cent values

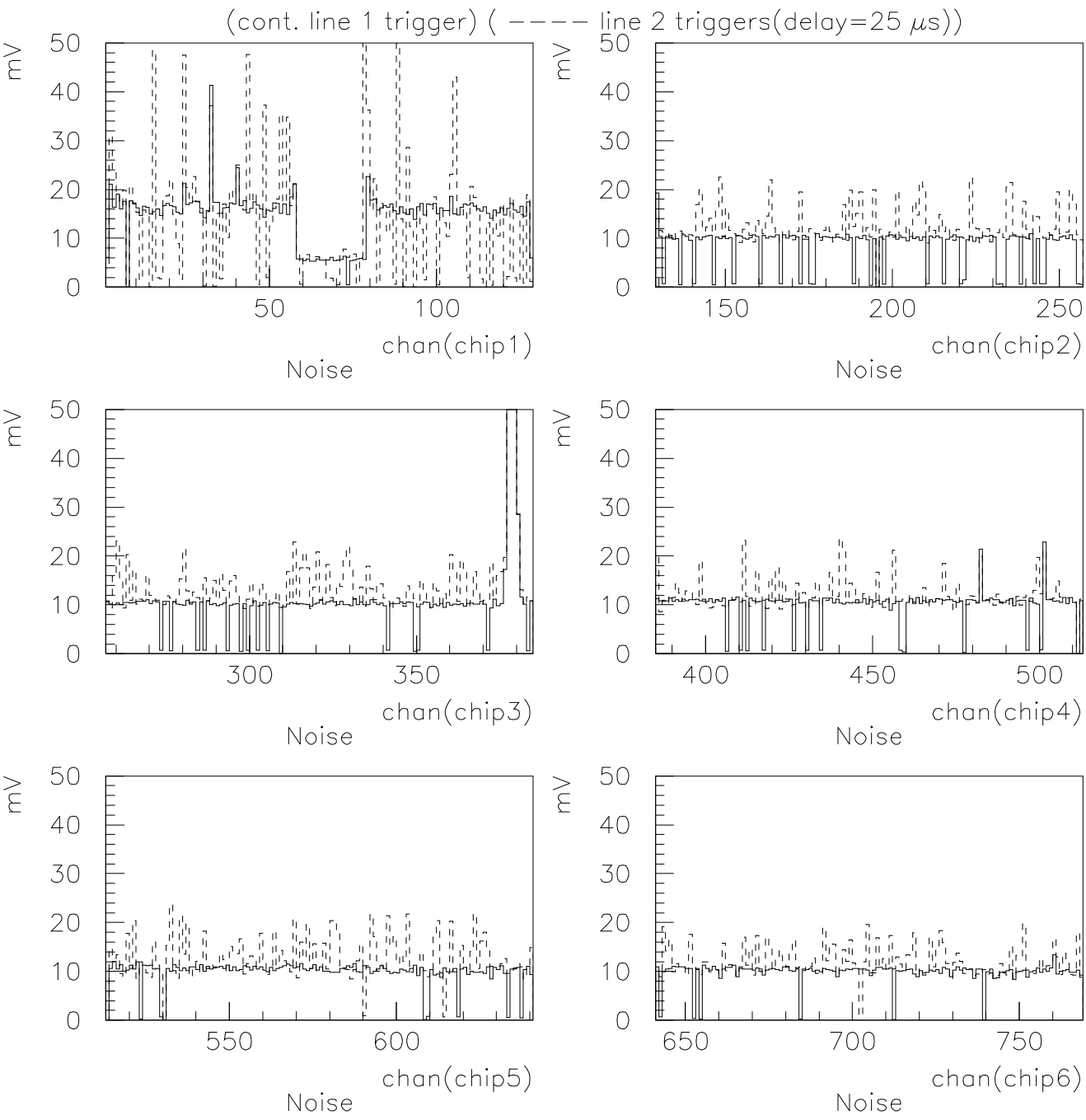

(cont. line 1 trigger) (---- line 2 triggers(delay=20 μs))
mV
Noise
chan(chip1)
chan(chip2)
chan(chip3)
chan(chip4)
chan(chip5)
chan(chip6)

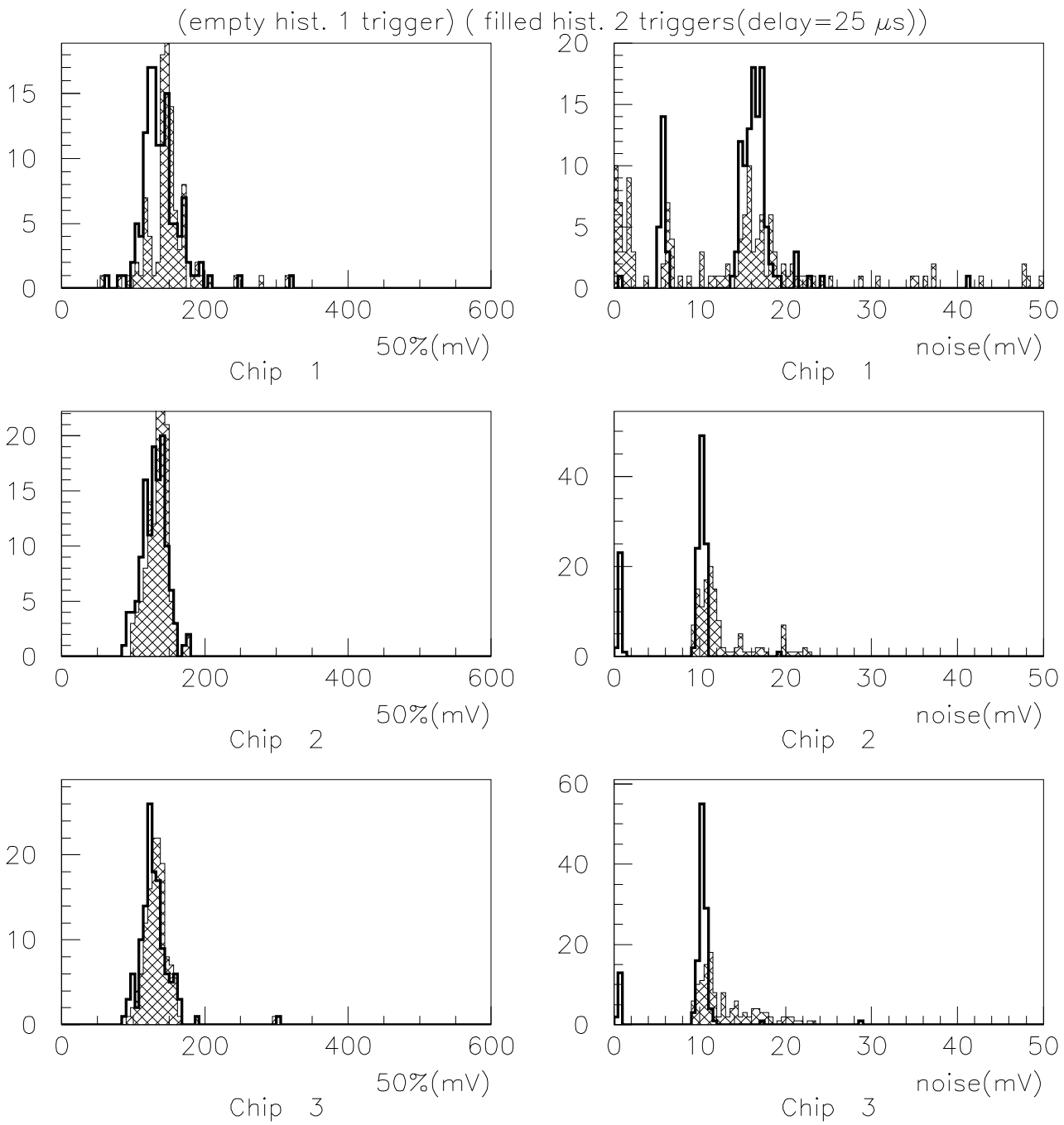

(empty hist. 1 trigger) (filled hist. 2 triggers(delay=20 μs))
50%(mV)
Chip 1
noise(mV)
Chip 1
50%(mV)
Chip 2
noise(mV)
Chip 2
50%(mV)
Chip 3
noise(mV)
Chip 3

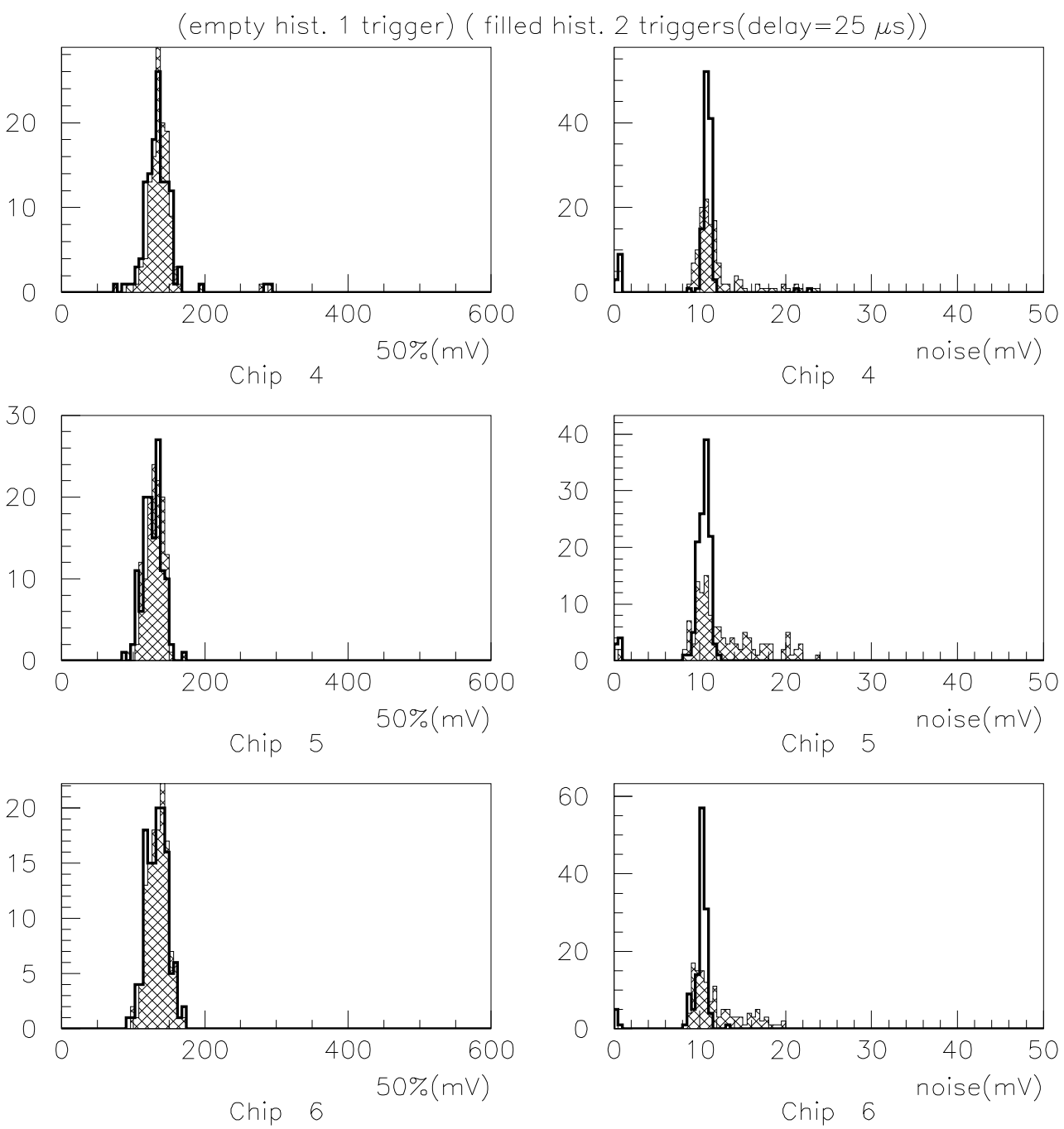

(empty hist. 1 trigger) (filled hist. 2 triggers(delay=20 μs))
50%(mV)
Chip 4
noise(mV)
Chip 4
50%(mV)
Chip 5
noise(mV)
Chip 5
50%(mV)
Chip 6
noise(mV)
Chip 6

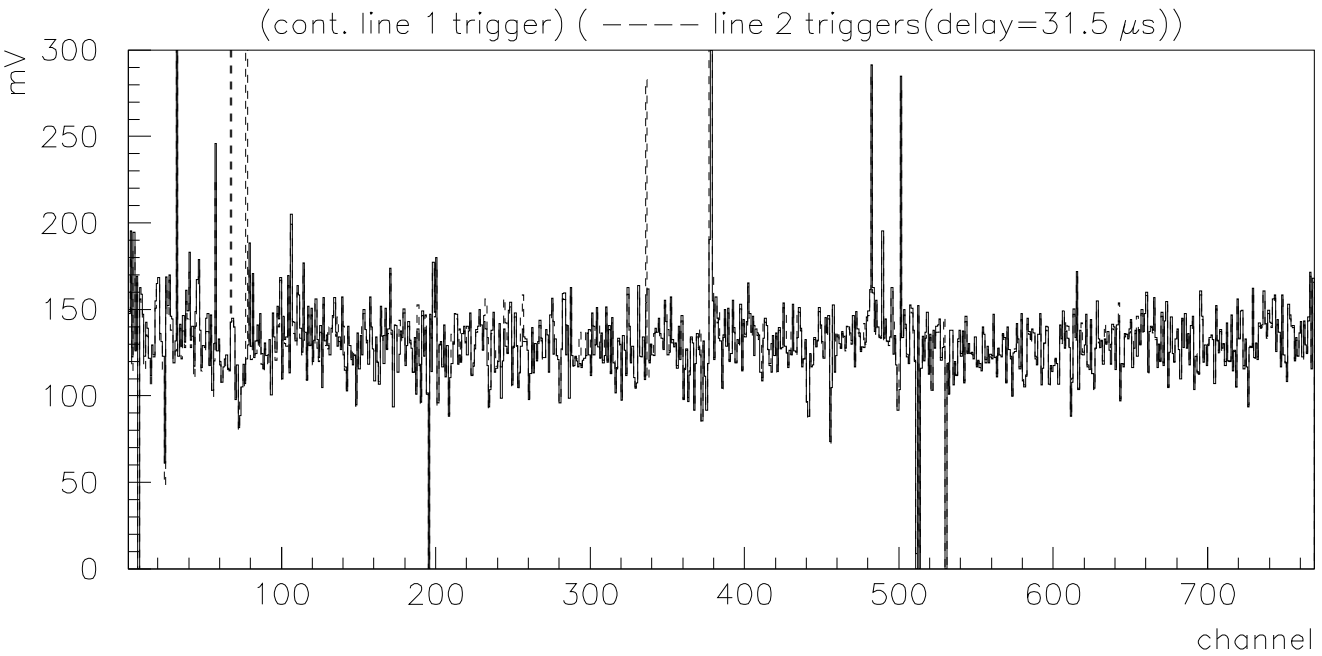

(cont. line 1 trigger) (---- line 2 triggers(delay=25 μs))
mV
300
250
200
150
100
50
0
100
200
300
400
500
600
700
channel
50 per cent values
mV
50
45
40
35
30
25
20
15
10
5
0
100
200
300
400
500
600
700
channel
Noise


(cont. line 1 trigger) (---- line 2 triggers(delay=25 μs))
mV
300
200
100
0
50
100
chan(chip1)
50 per cent values
150
200
250
chan(chip2)
50 per cent values
300
350
chan(chip3)
50 per cent values
400
450
500
chan(chip4)
50 per cent values
550
600
chan(chip5)
50 per cent values
650
700
750
chan(chip6)
50 per cent values

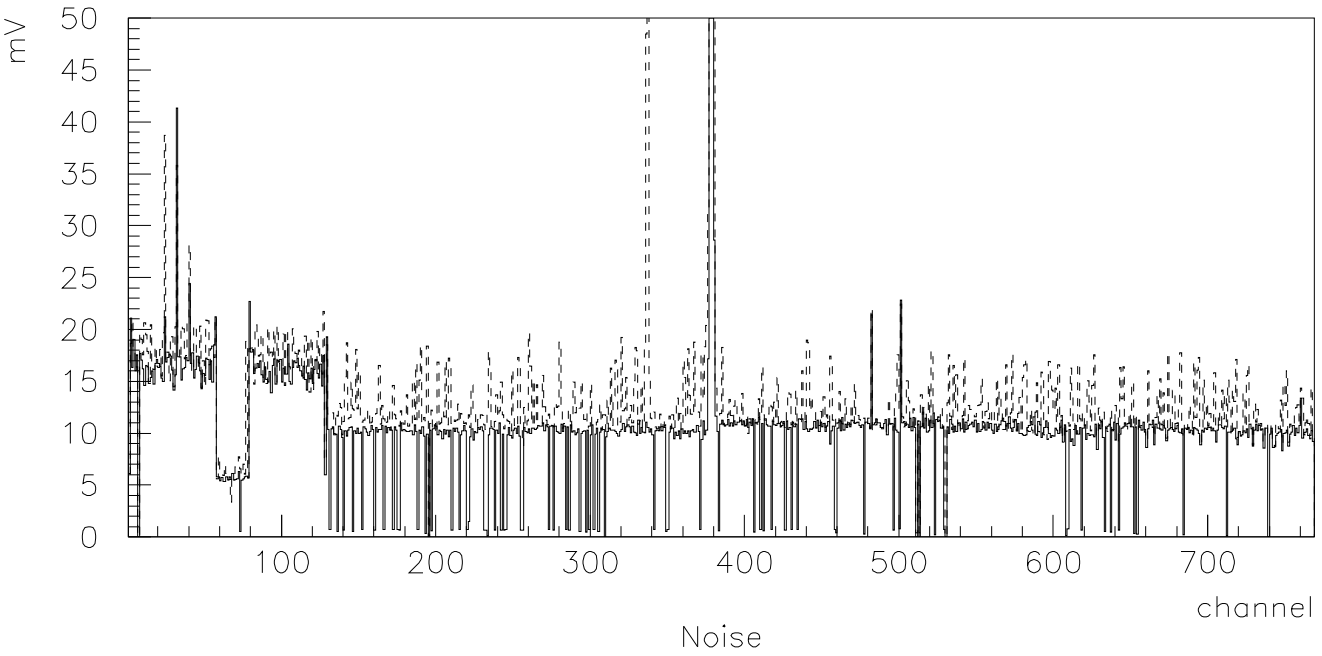

(cont. line 1 trigger) (---- line 2 triggers(delay=25 μs))
mV
50
40
30
20
10
0
50
100
chan(chip1)
Noise
150
200
250
chan(chip2)
300
350
chan(chip3)
400
450
500
chan(chip4)
550
600
chan(chip5)
650
700
750
chan(chip6)


(empty hist. 1 trigger) (filled hist. 2 triggers(delay=25 μs))
50%(mV)
Chip 1
noise(mV)
Chip 1
50%(mV)
Chip 2
noise(mV)
Chip 2
50%(mV)
Chip 3
noise(mV)
Chip 3

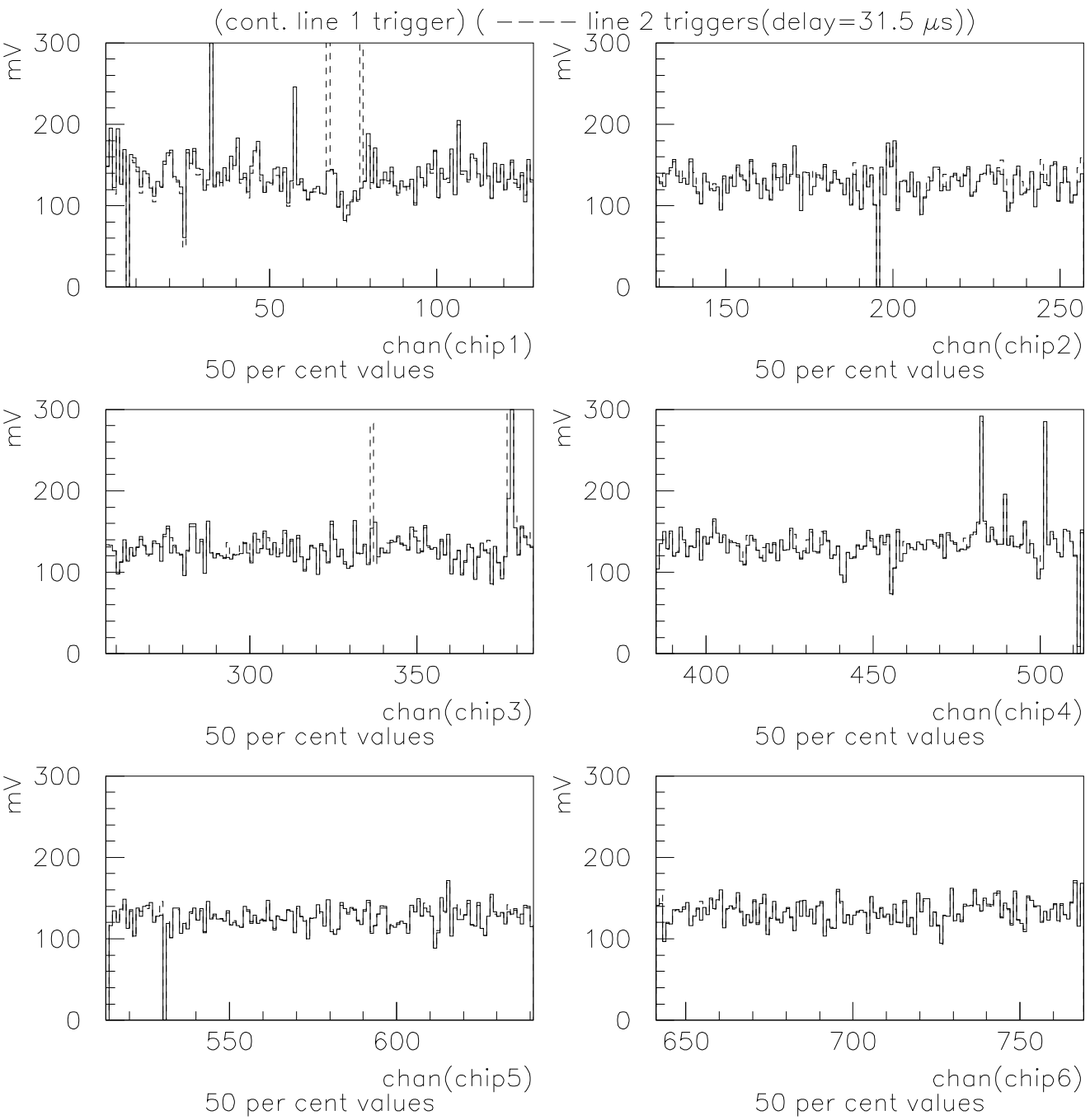

(empty hist. 1 trigger) (filled hist. 2 triggers(delay=25 μs))
50%(mV)
Chip 4
noise(mV)
Chip 4
50%(mV)
Chip 5
noise(mV)
Chip 5
50%(mV)
Chip 6
noise(mV)
Chip 6

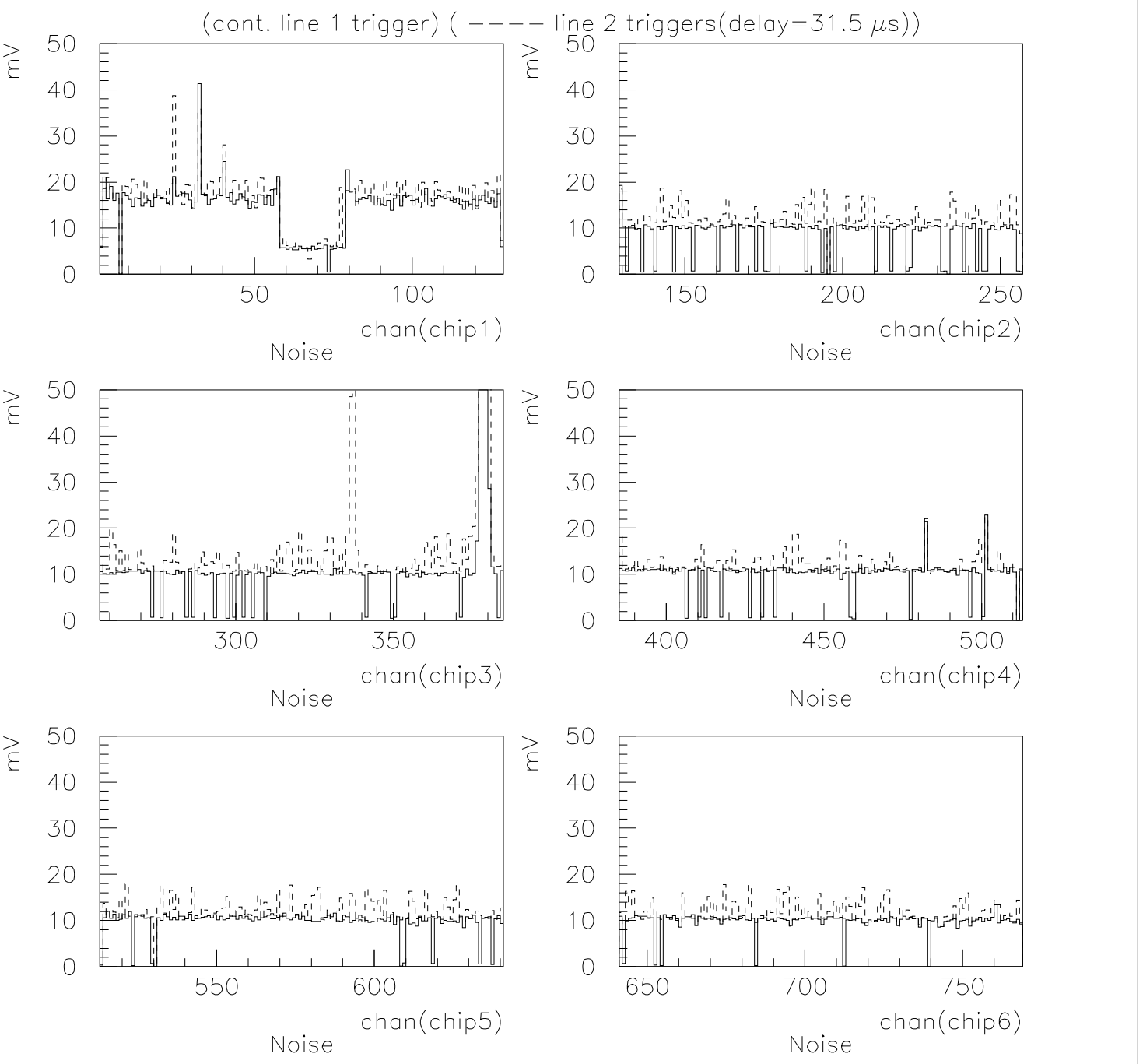


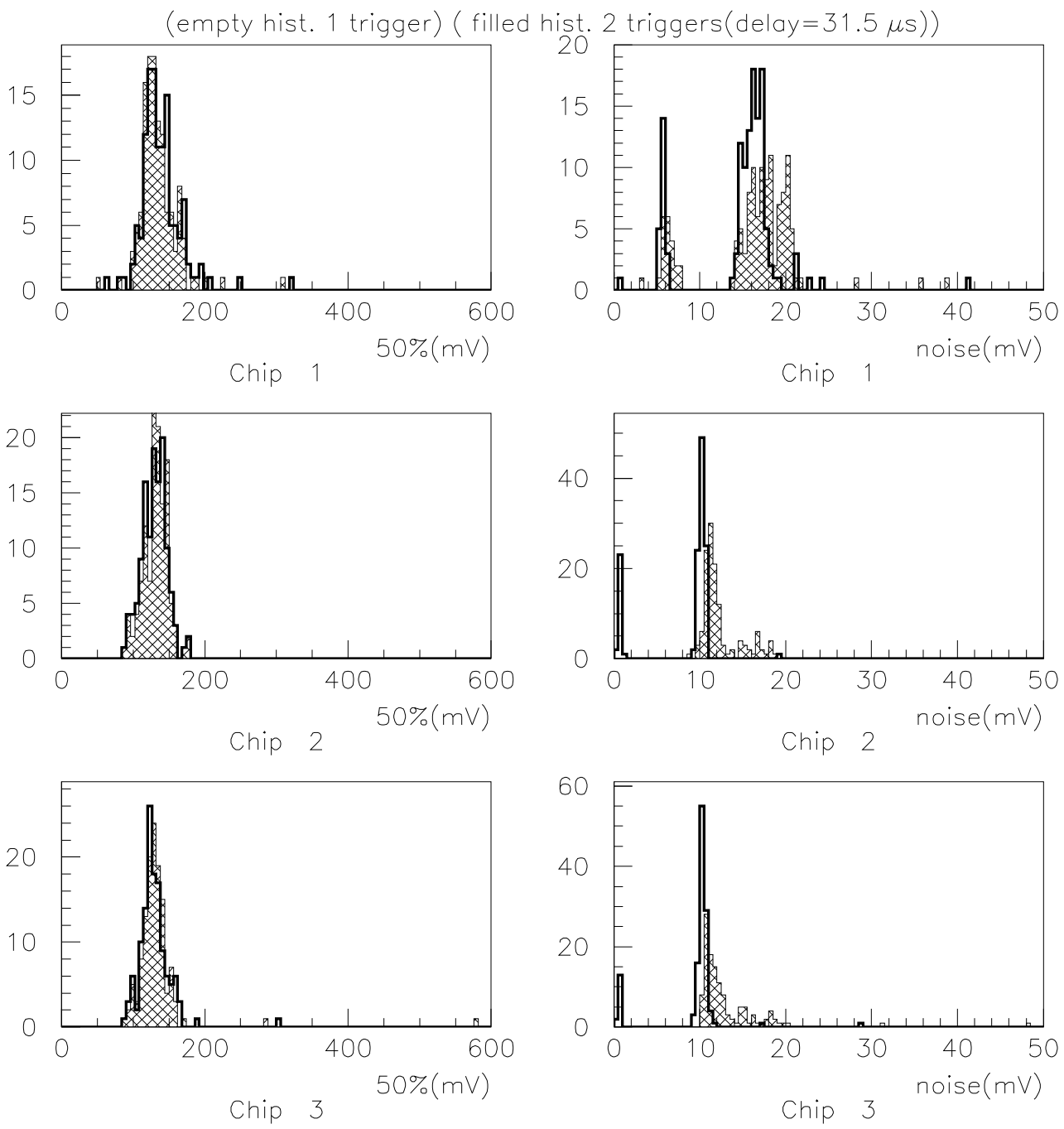
50 per cent values

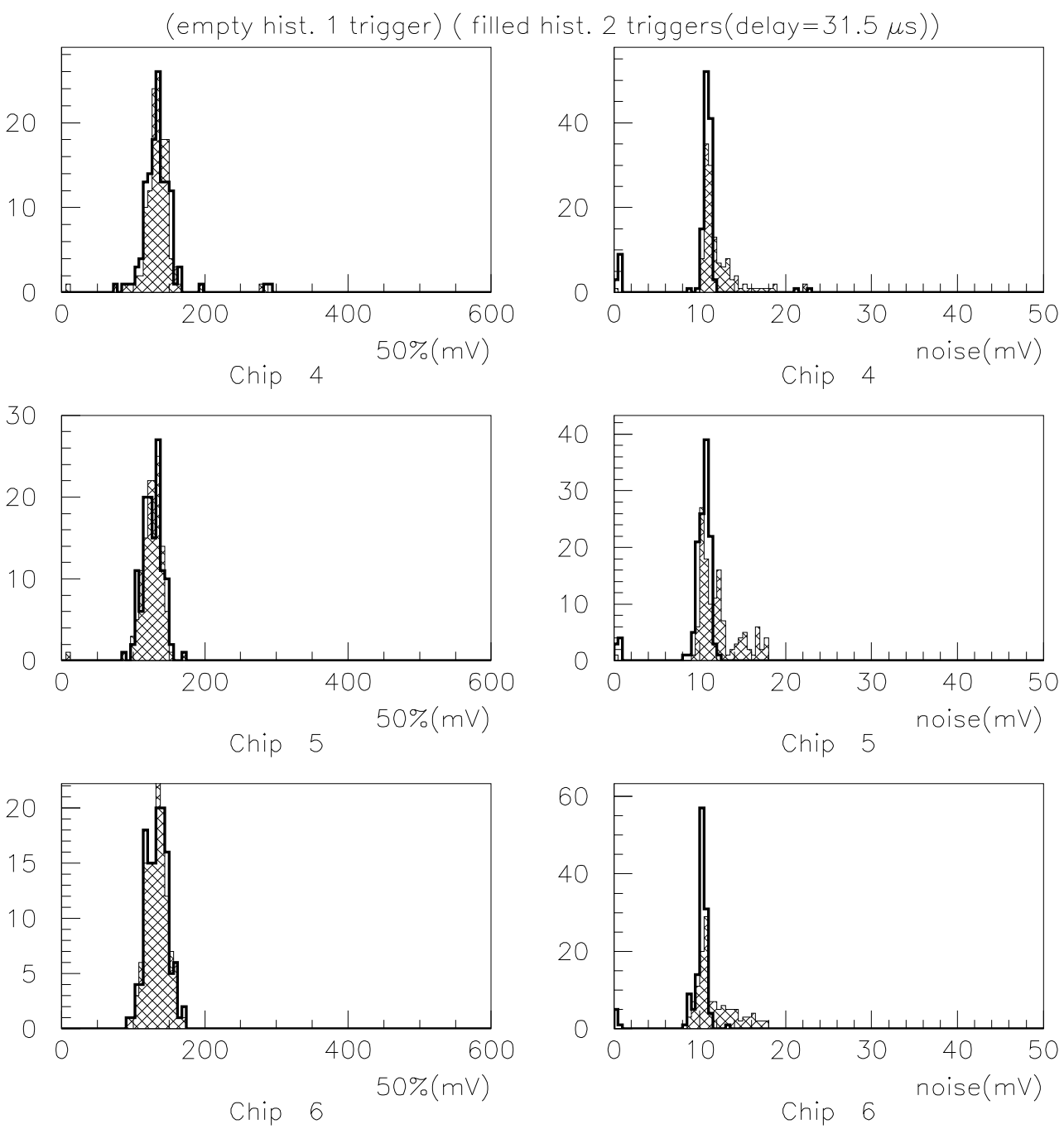


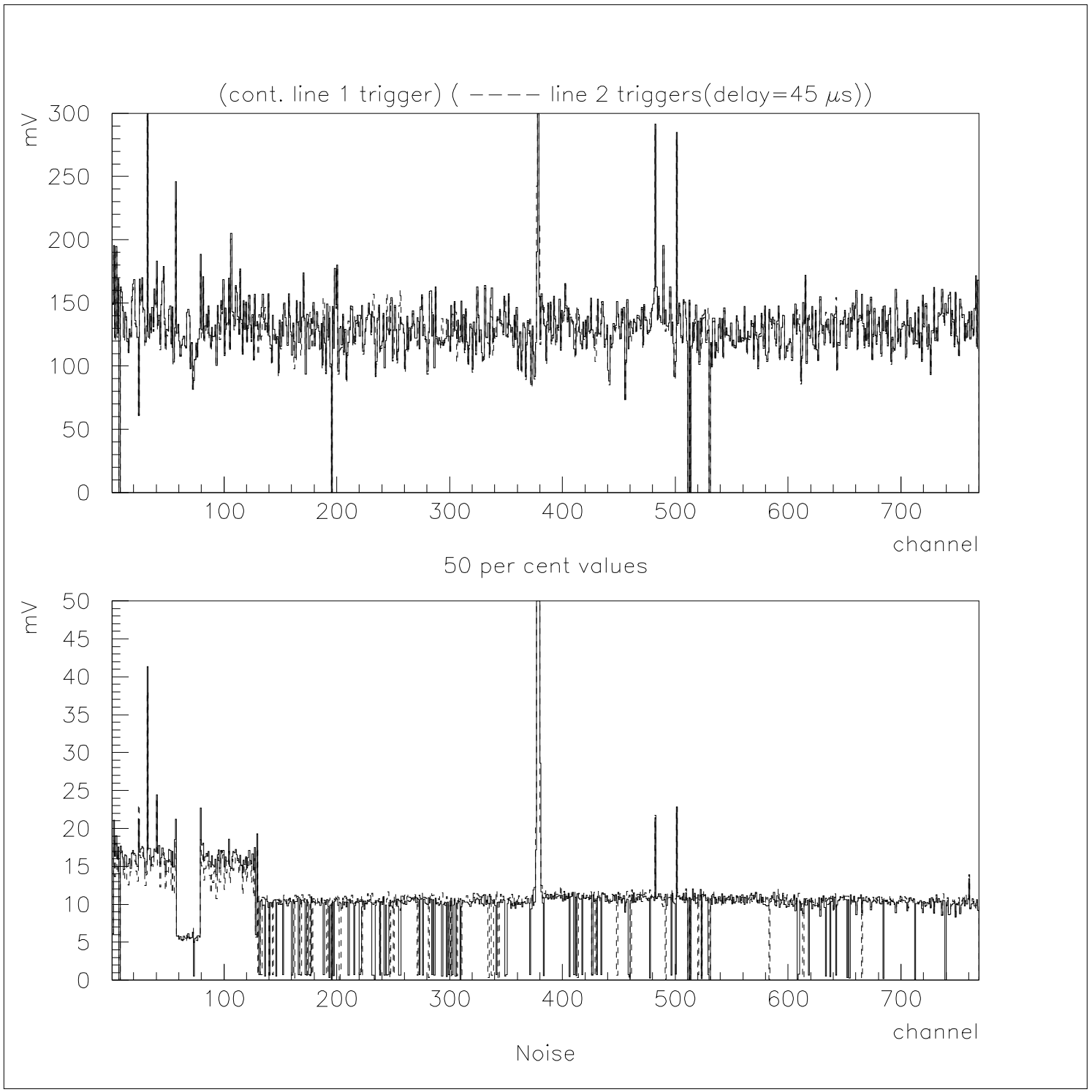
Noise

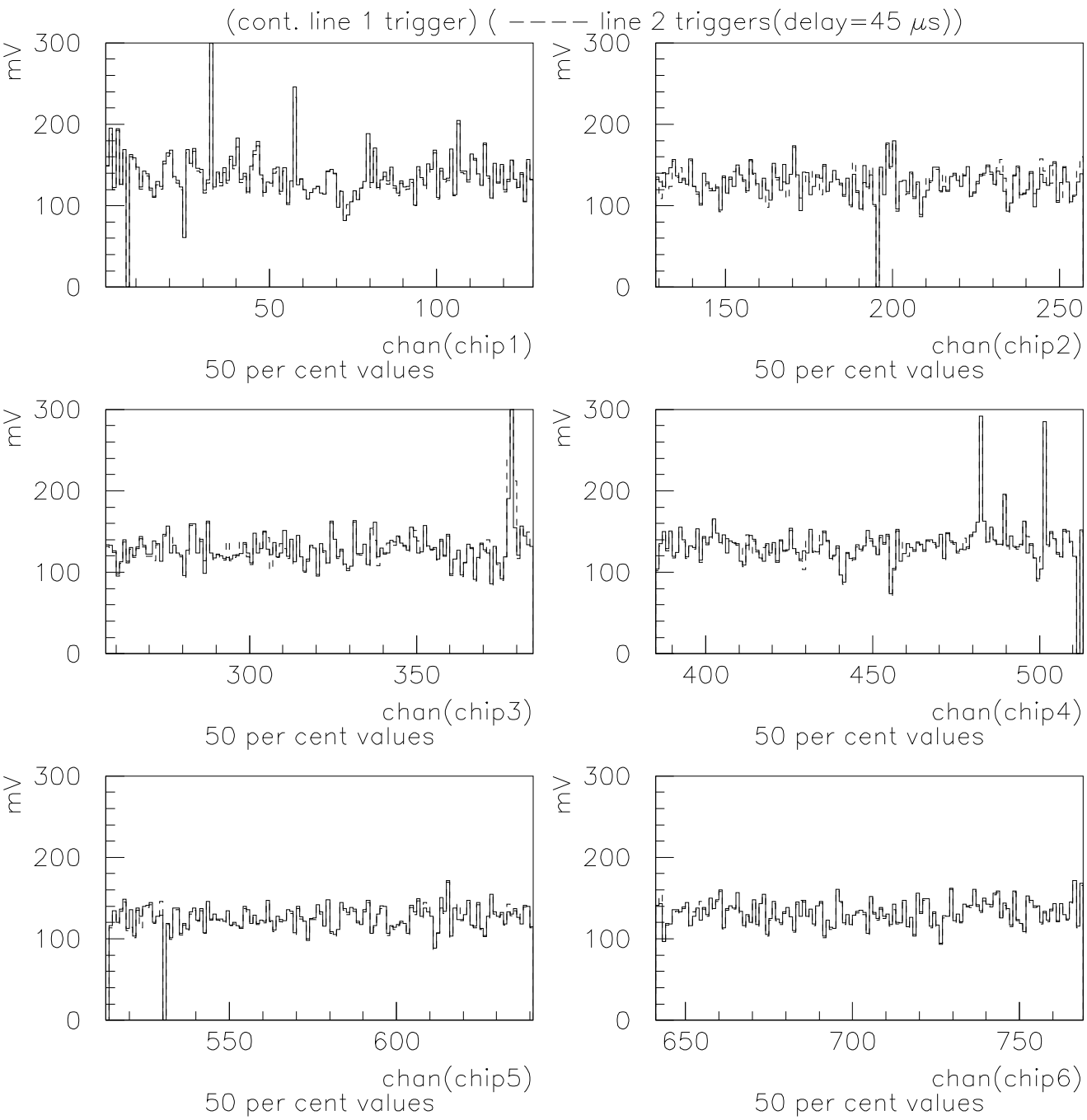

(cont. line 1 trigger) (---- line 2 triggers(delay=31.5 μs))
mV
300
200
100
0
50
100
chan(chip1)
50 per cent values
150
200
250
chan(chip2)
50 per cent values
300
350
chan(chip3)
50 per cent values
400
450
500
chan(chip4)
50 per cent values
550
600
chan(chip5)
50 per cent values
650
700
750
chan(chip6)
50 per cent values

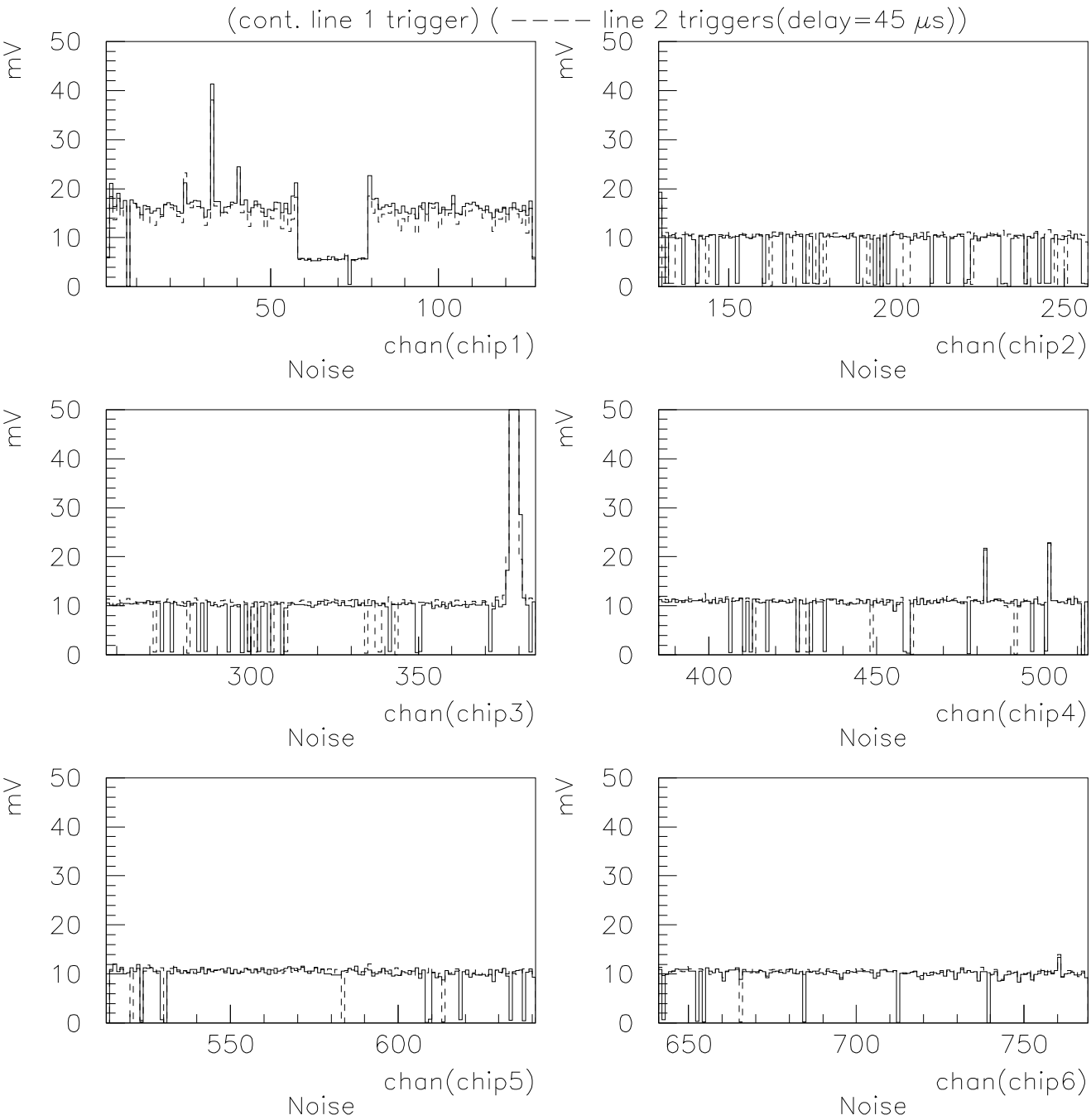

(cont. line 1 trigger) (---- line 2 triggers(delay=31.5 μs))
mV
50
40
30
20
10
0
50
100
chan(chip1)
Noise
150
200
250
chan(chip2)
300
350
chan(chip3)
400
450
500
chan(chip4)
550
600
chan(chip5)
650
700
750
chan(chip6)

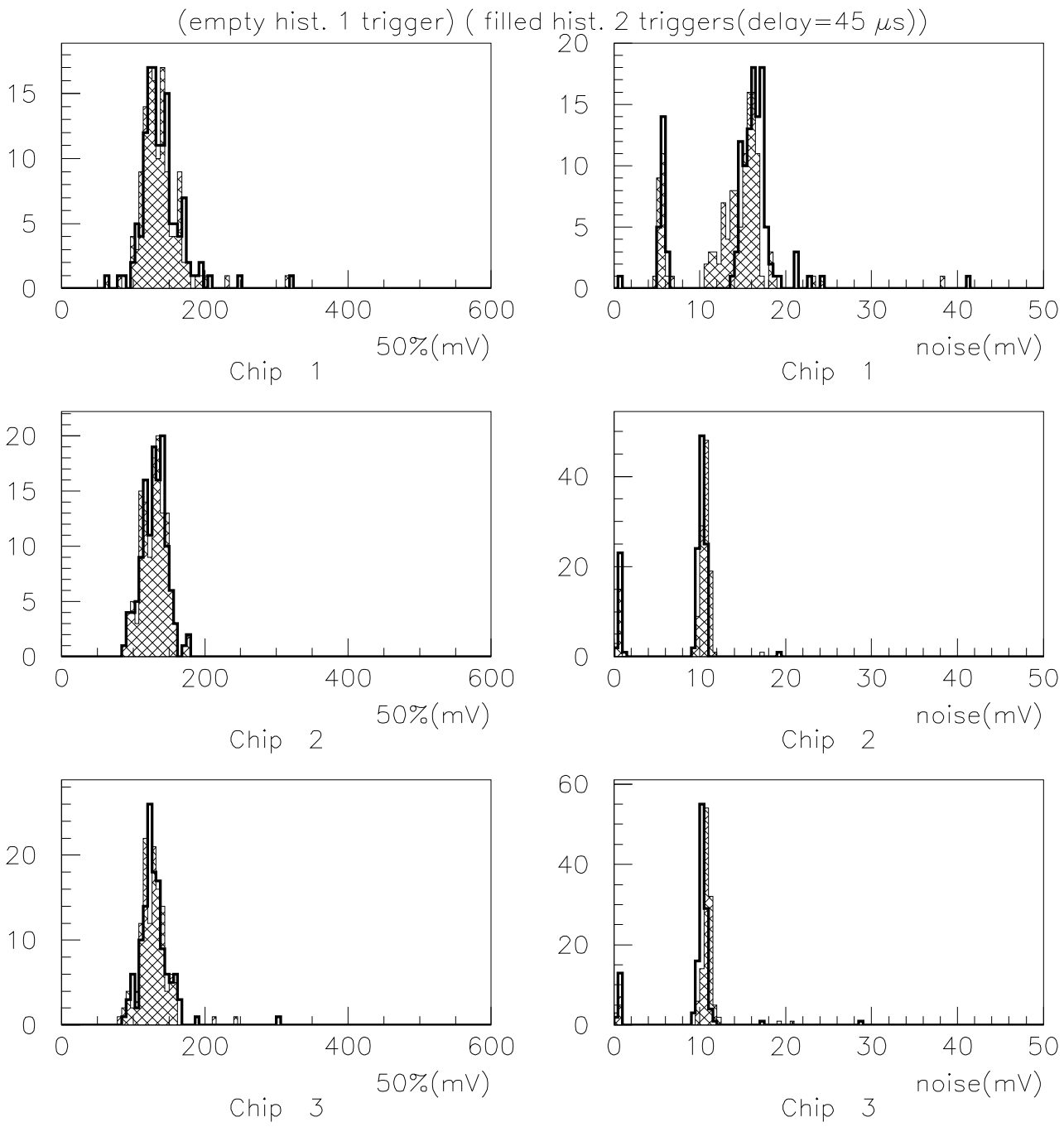

(empty hist. 1 trigger) (filled hist. 2 triggers(delay=31.5 μs))
50%(mV)
Chip 1
noise(mV)
Chip 1
50%(mV)
Chip 2
noise(mV)
Chip 2
50%(mV)
Chip 3
noise(mV)
Chip 3

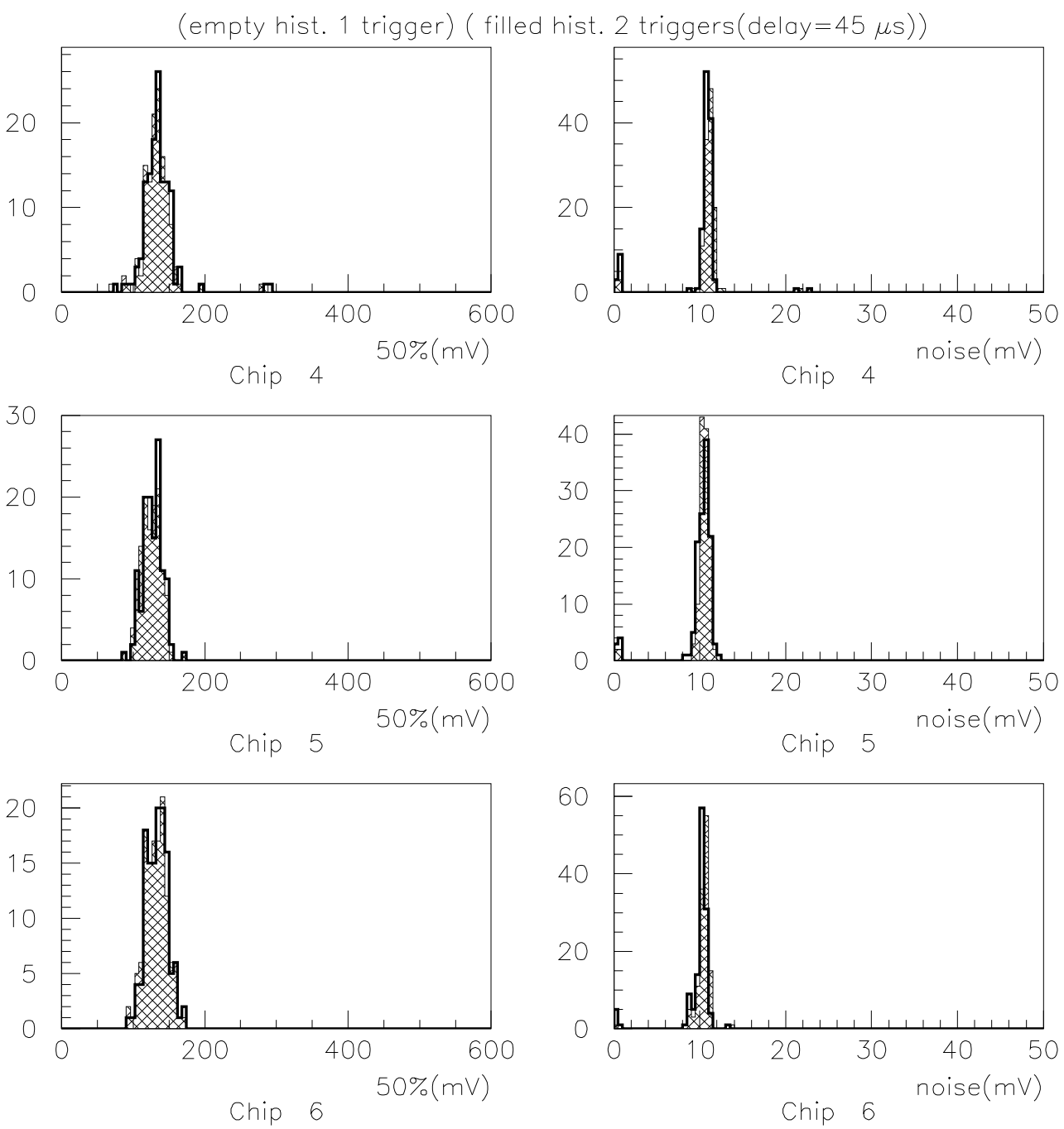

(empty hist. 1 trigger) (filled hist. 2 triggers(delay=31.5 μs))
50%(mV)
Chip 4
noise(mV)
Chip 4
50%(mV)
Chip 5
noise(mV)
Chip 5
50%(mV)
Chip 6
noise(mV)
Chip 6

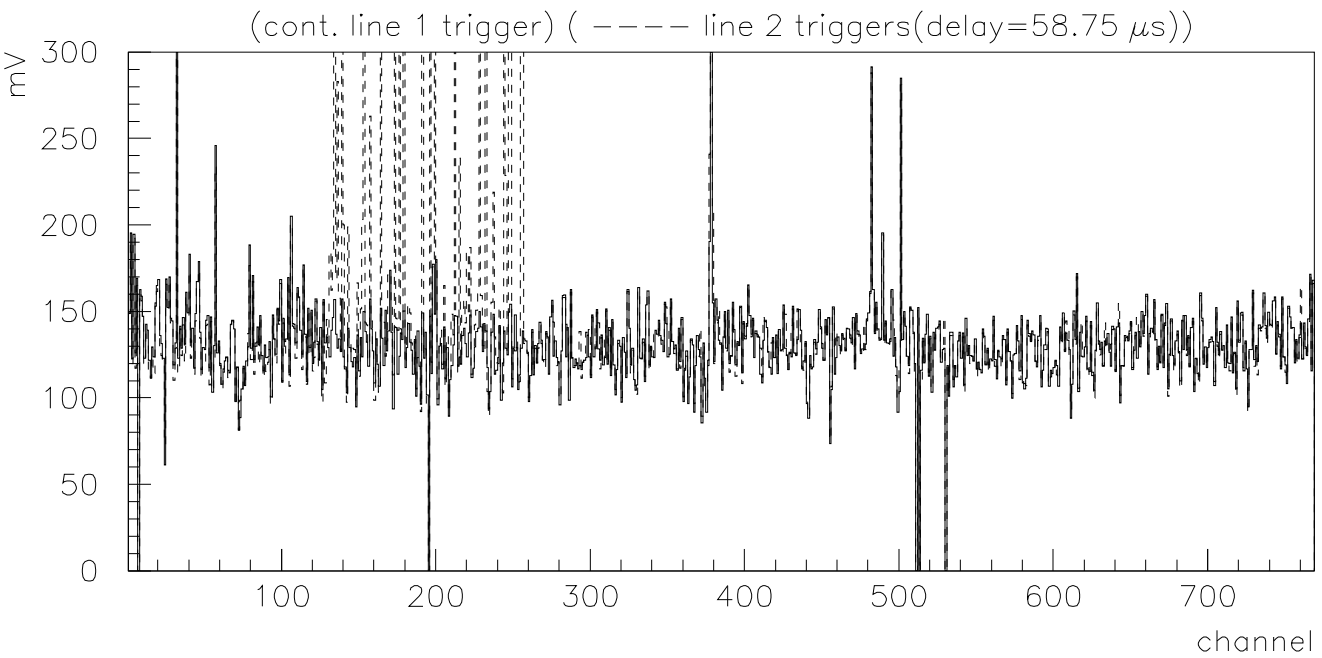

(cont. line 1 trigger) (---- line 2 triggers(delay=45 μs))
mV
300
250
200
150
100
50
0
100
200
300
400
500
600
700
channel
50 per cent values
mV
50
45
40
35
30
25
20
15
10
5
0
100
200
300
400
500
600
700
channel
Noise


(cont. line 1 trigger) (---- line 2 triggers(delay=45 μs))
mV
300
200
100
0
50
100
chan(chip1)
50 per cent values
150
200
250
chan(chip2)
50 per cent values
300
350
chan(chip3)
50 per cent values
400
450
500
chan(chip4)
50 per cent values
550
600
chan(chip5)
50 per cent values
650
700
750
chan(chip6)
50 per cent values

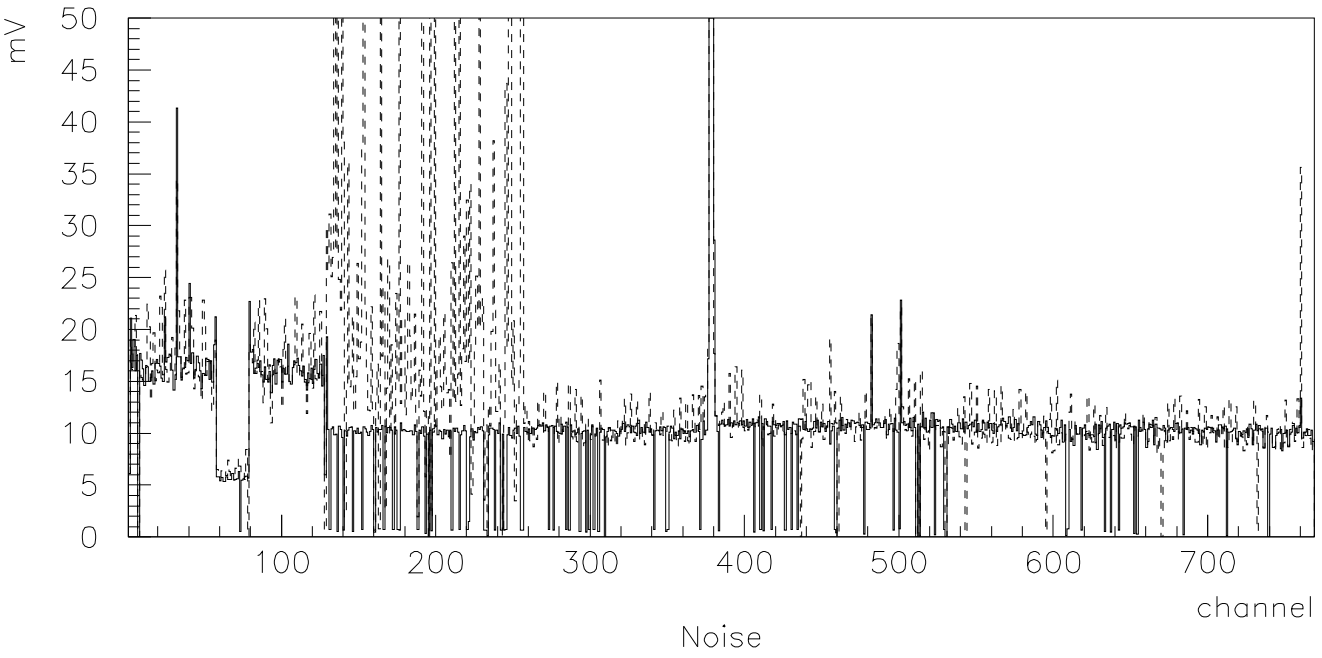

(cont. line 1 trigger) (---- line 2 triggers(delay=45 μs))
mV
50
40
30
20
10
0
50
100
chan(chip1)
Noise
150
200
250
chan(chip2)
300
350
chan(chip3)
400
450
500
chan(chip4)
550
600
chan(chip5)
650
700
750
chan(chip6)


(empty hist. 1 trigger) (filled hist. 2 triggers(delay=45 μs))
50%(mV)
Chip 1
noise(mV)
Chip 1
50%(mV)
Chip 2
noise(mV)
Chip 2
50%(mV)
Chip 3
noise(mV)
Chip 3

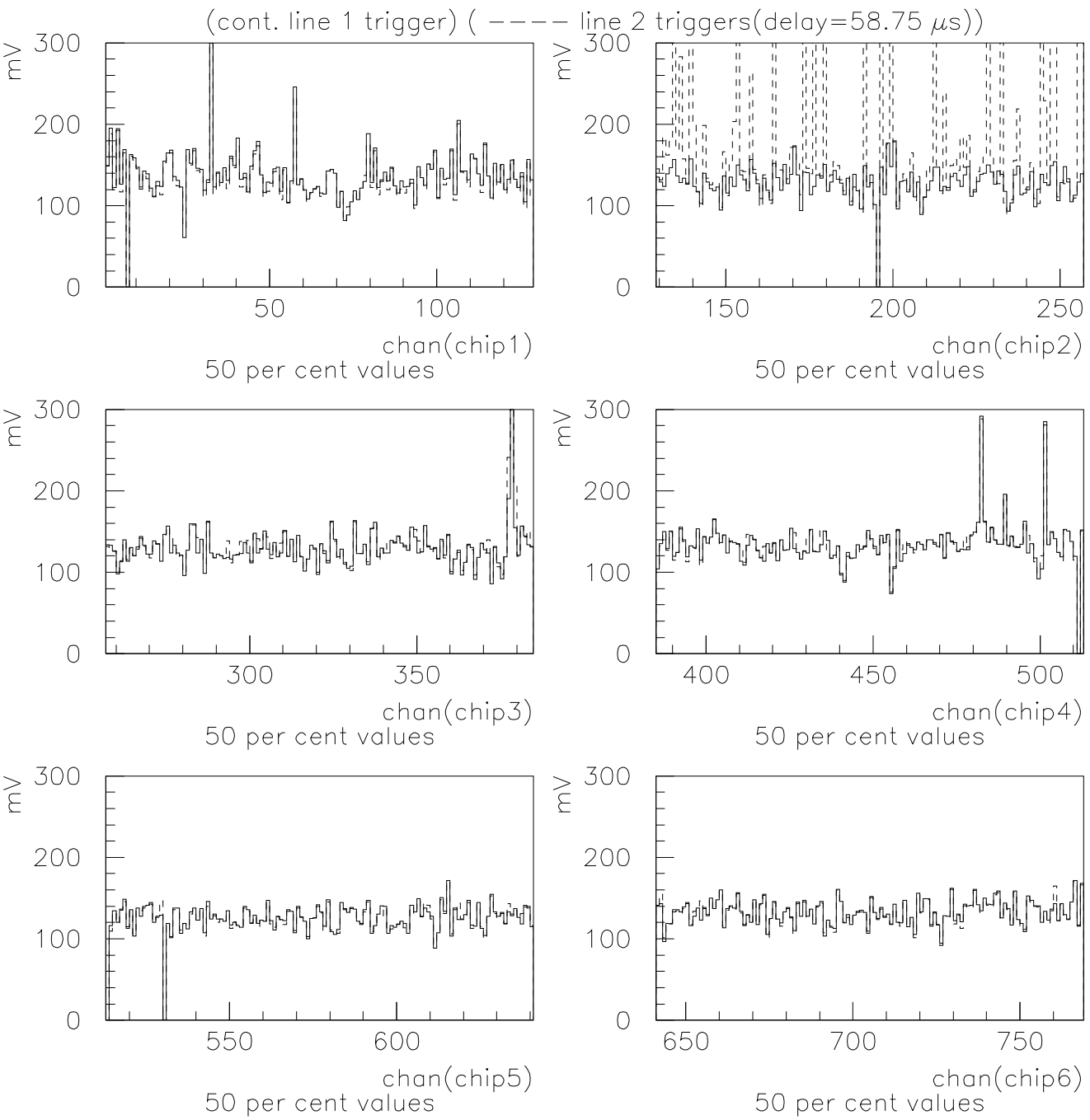

(empty hist. 1 trigger) (filled hist. 2 triggers(delay=45 μs))
50%(mV)
Chip 4
noise(mV)
Chip 4
50%(mV)
Chip 5
noise(mV)
Chip 5
50%(mV)
Chip 6
noise(mV)
Chip 6

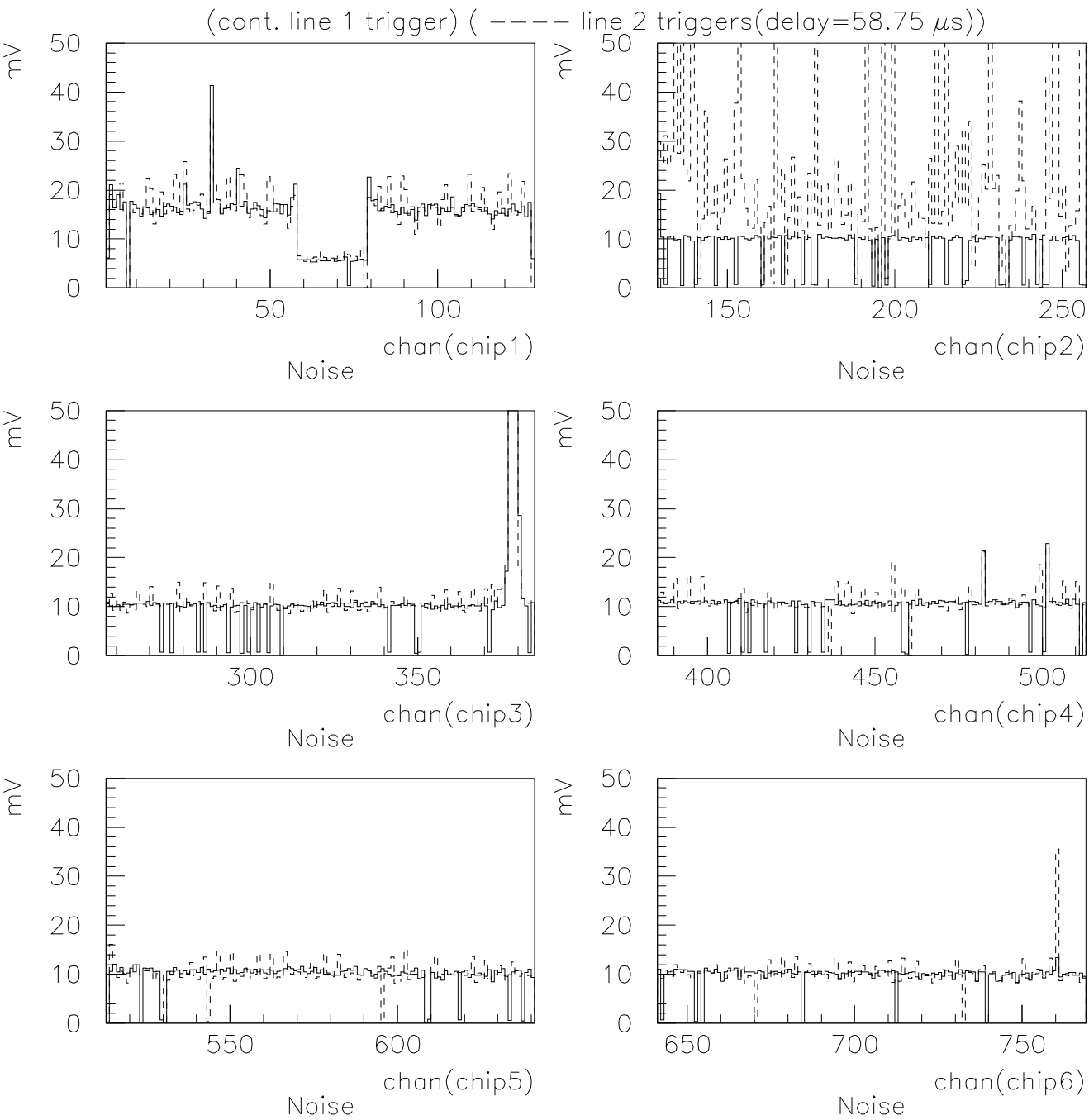


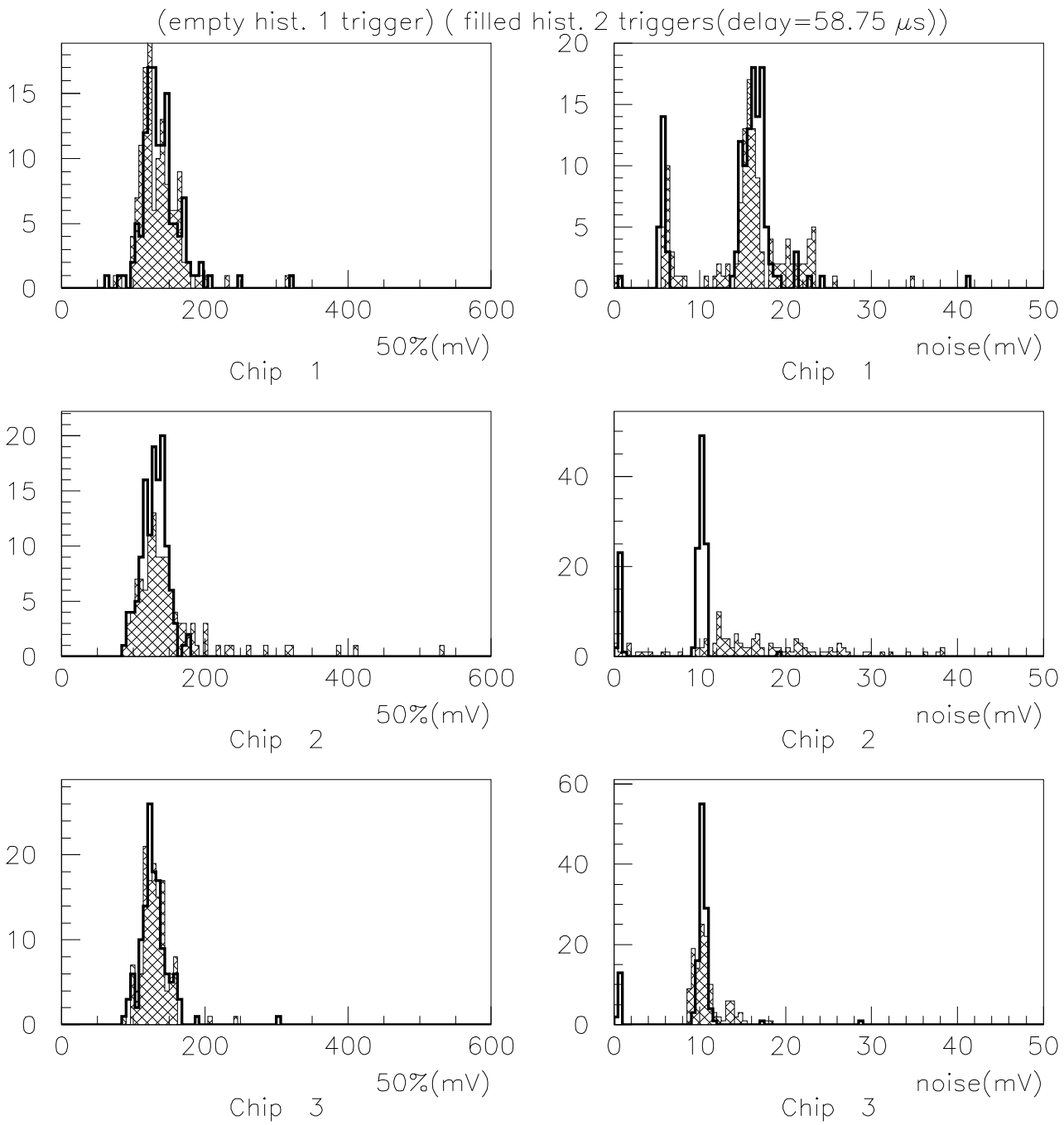
50 per cent values

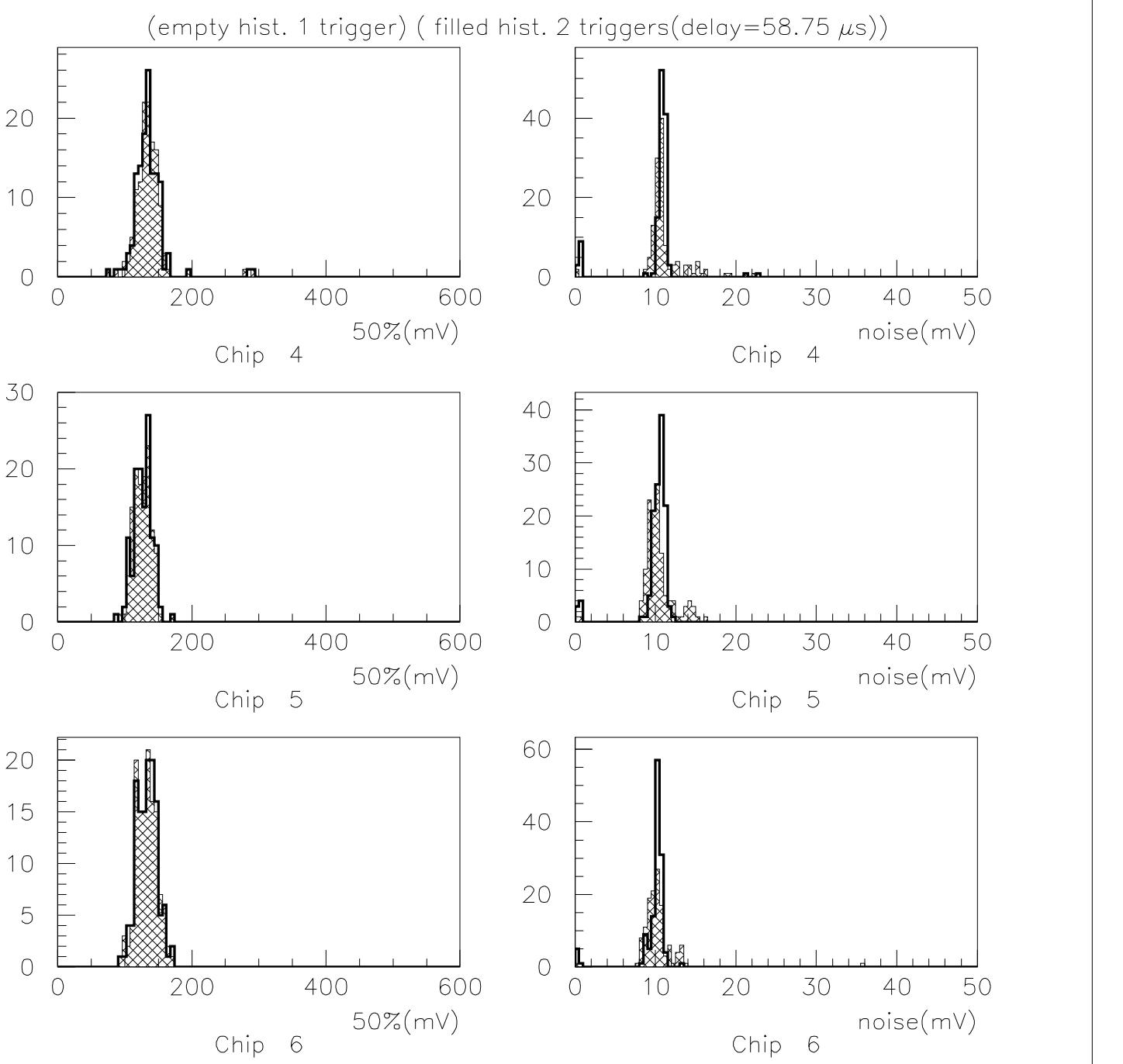


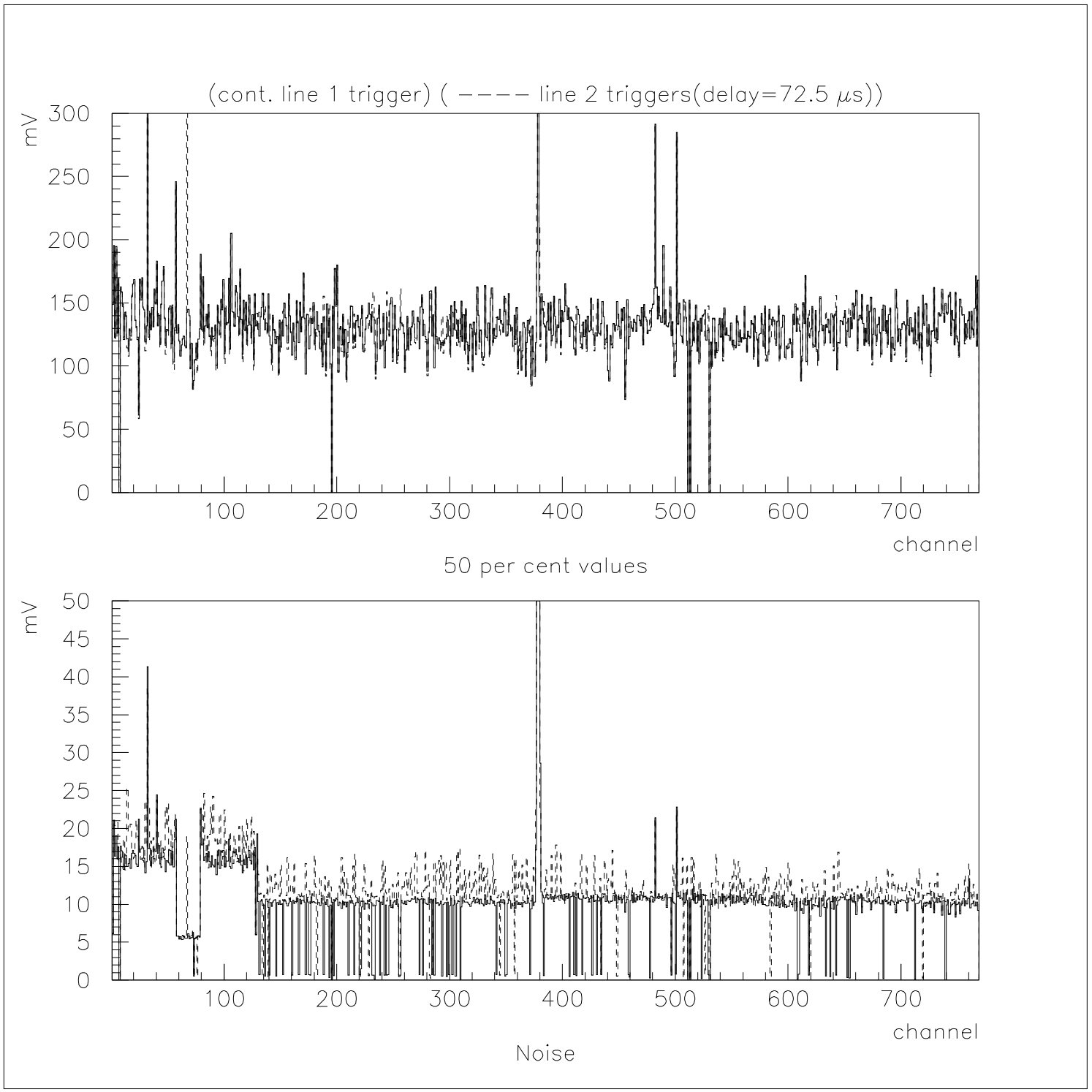
Noise

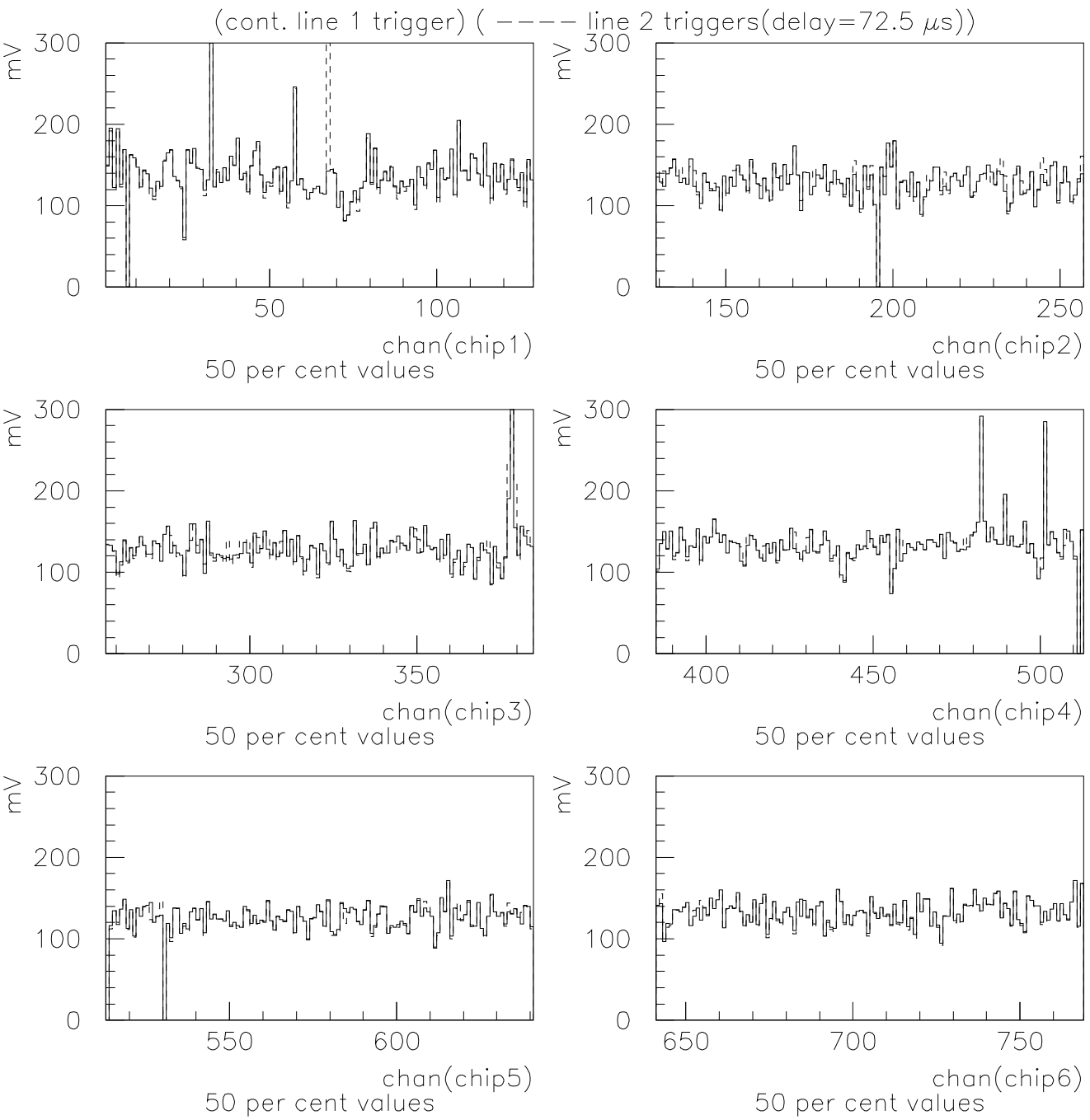

(cont. line 1 trigger) (---- line 2 triggers(delay=58.75 μs))
mV
300
200
100
0
50
100
chan(chip1)
50 per cent values
150
200
250
chan(chip2)
50 per cent values
300
350
chan(chip3)
50 per cent values
400
450
500
chan(chip4)
50 per cent values
550
600
chan(chip5)
50 per cent values
650
700
750
chan(chip6)
50 per cent values

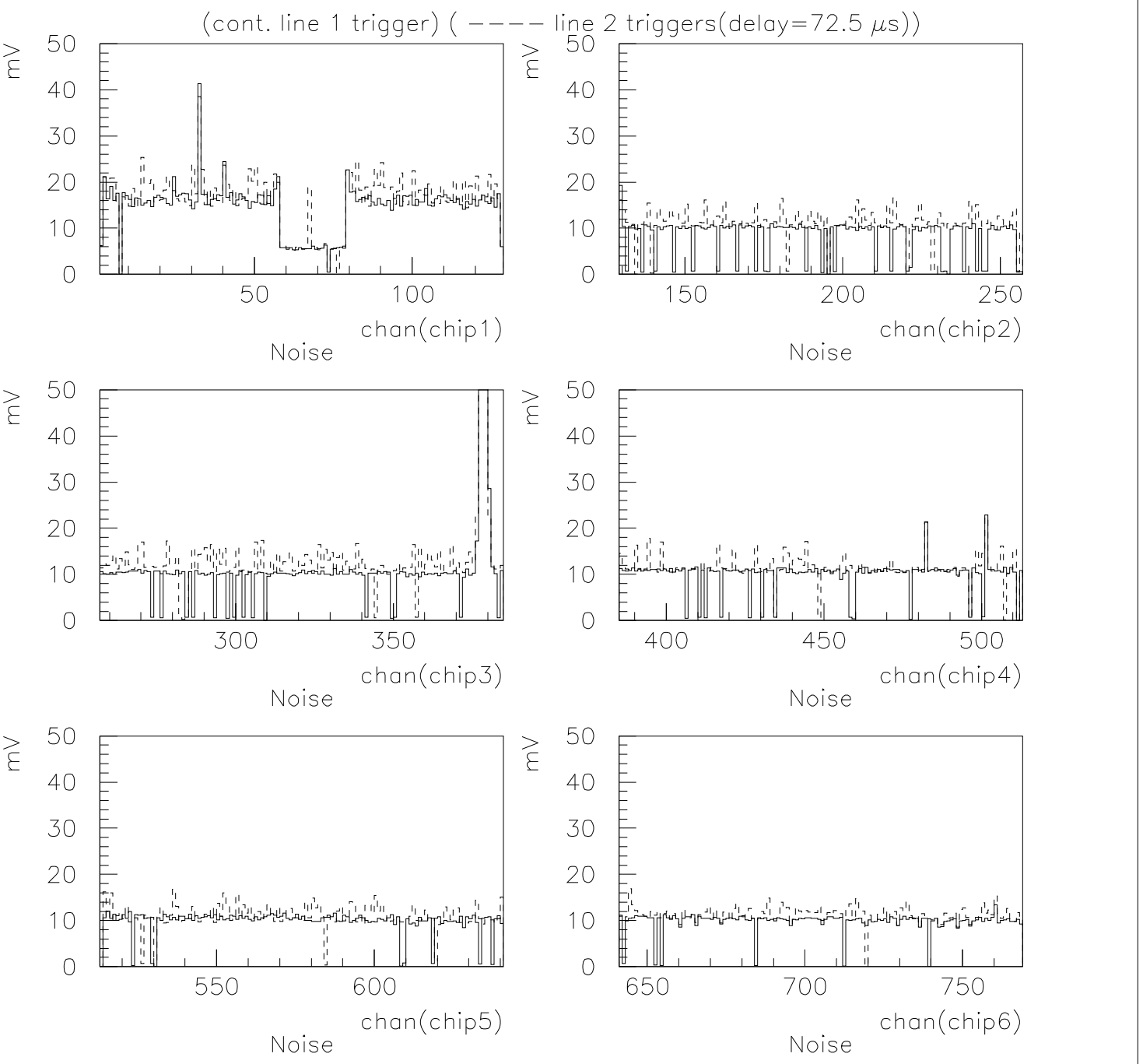

(cont. line 1 trigger) (---- line 2 triggers(delay=58.75 μs))
mV
50
40
30
20
10
0
50
100
chan(chip1)
Noise
150
200
250
chan(chip2)
300
350
chan(chip3)
400
450
500
chan(chip4)
550
600
chan(chip5)
650
700
750
chan(chip6)

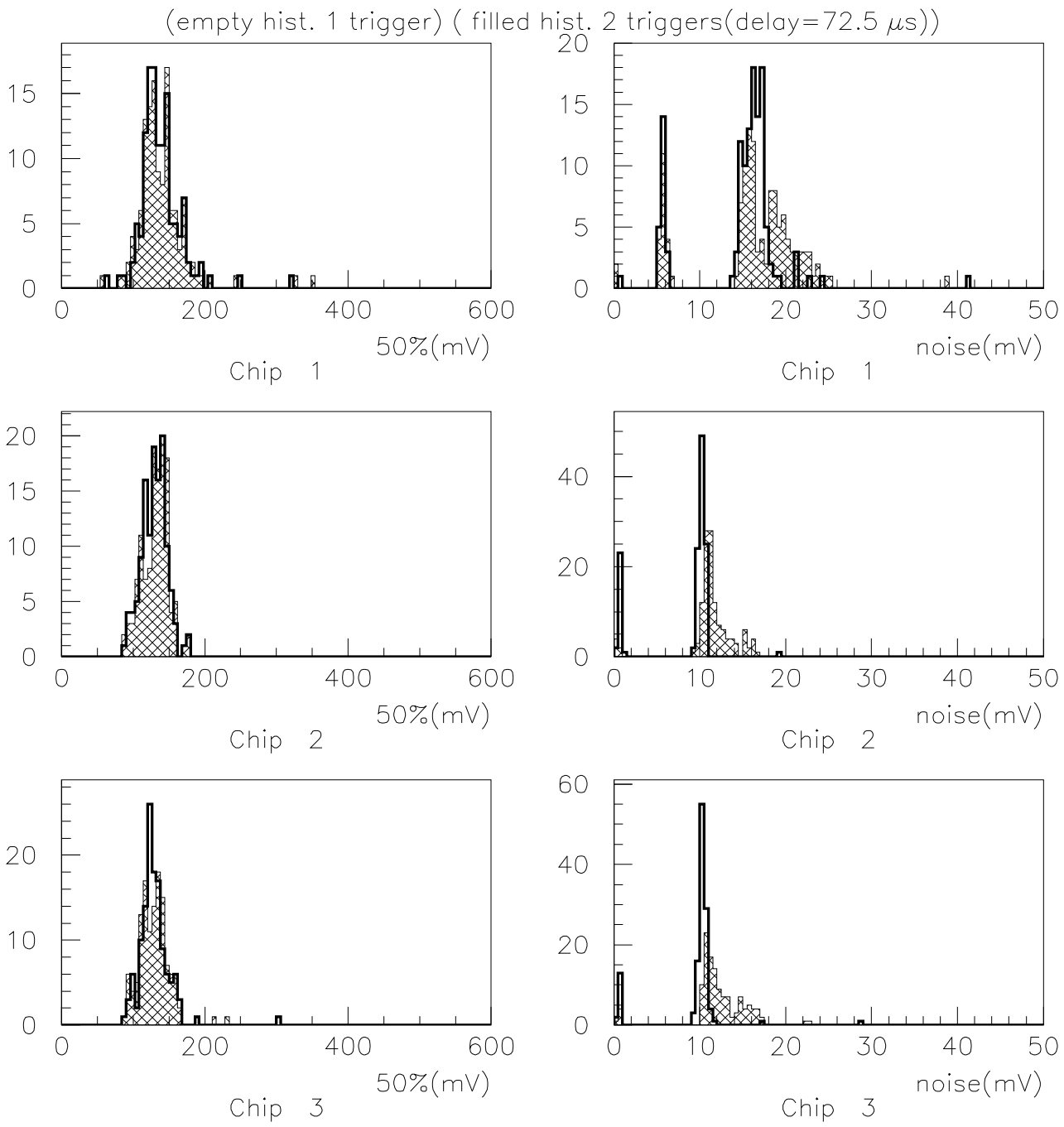

(empty hist. 1 trigger) (filled hist. 2 triggers(delay=58.75 μs))
50%(mV)
Chip 1
noise(mV)
Chip 1
50%(mV)
Chip 2
noise(mV)
Chip 2
50%(mV)
Chip 3
noise(mV)
Chip 3

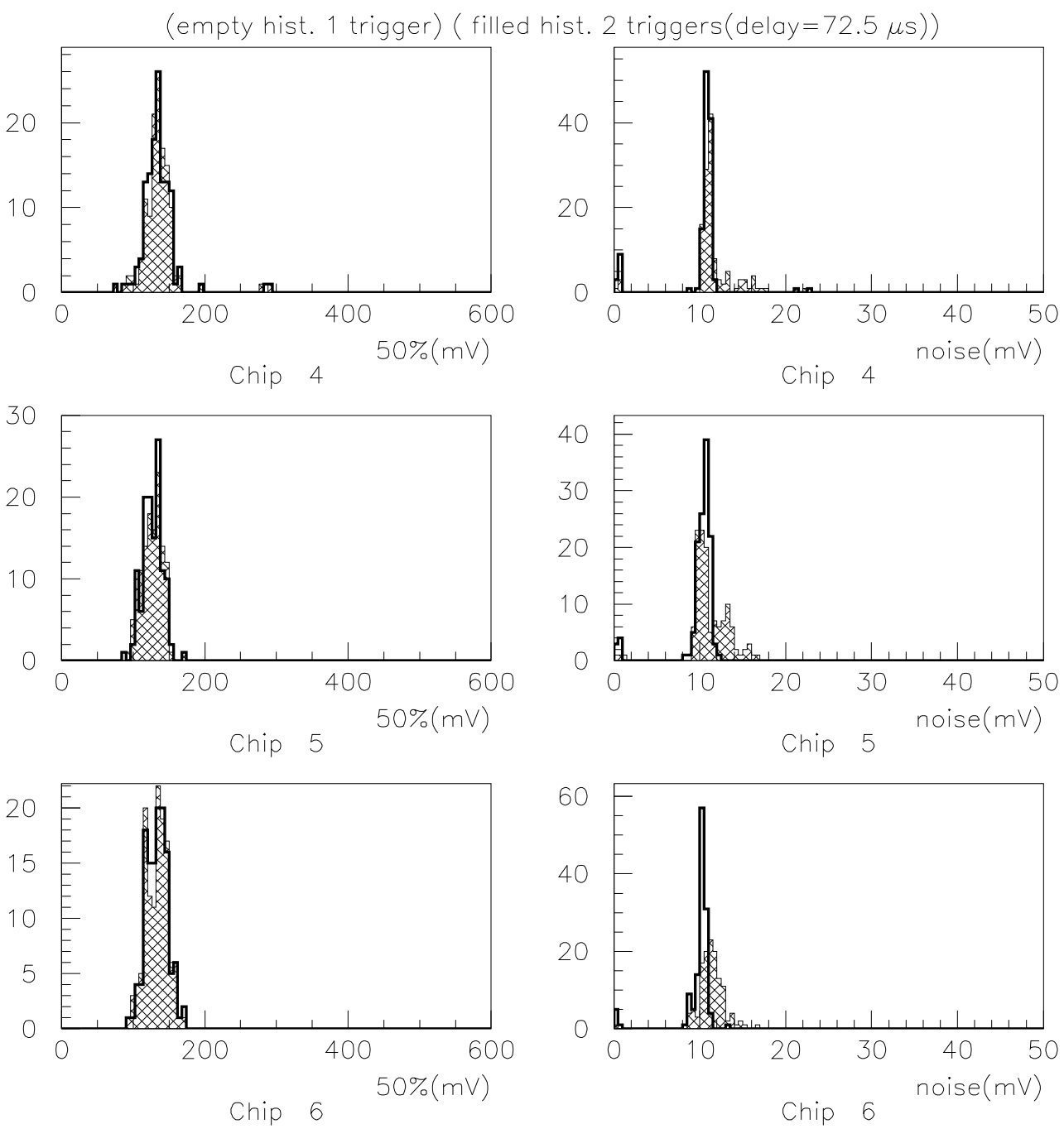

(empty hist. 1 trigger) (filled hist. 2 triggers(delay=58.75 μs))
50%(mV)
Chip 4
noise(mV)
Chip 4
50%(mV)
Chip 5
noise(mV)
Chip 5
50%(mV)
Chip 6
noise(mV)
Chip 6

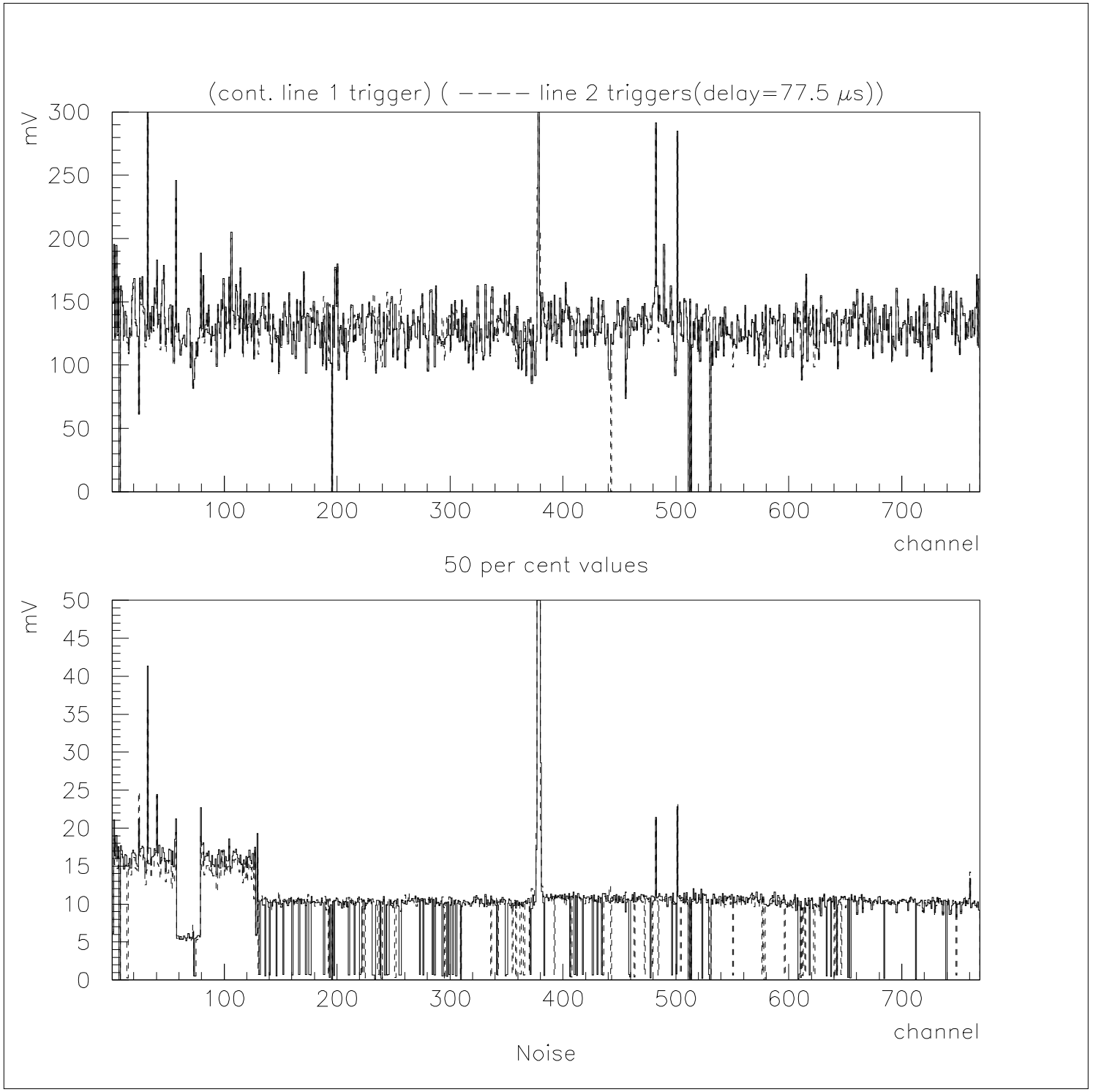

(cont. line 1 trigger) (---- line 2 triggers(delay=72.5 μs))
mV
300
250
200
150
100
50
0
100
200
300
400
500
600
700
channel
50 per cent values
mV
50
45
40
35
30
25
20
15
10
5
0
100
200
300
400
500
600
700
channel
Noise

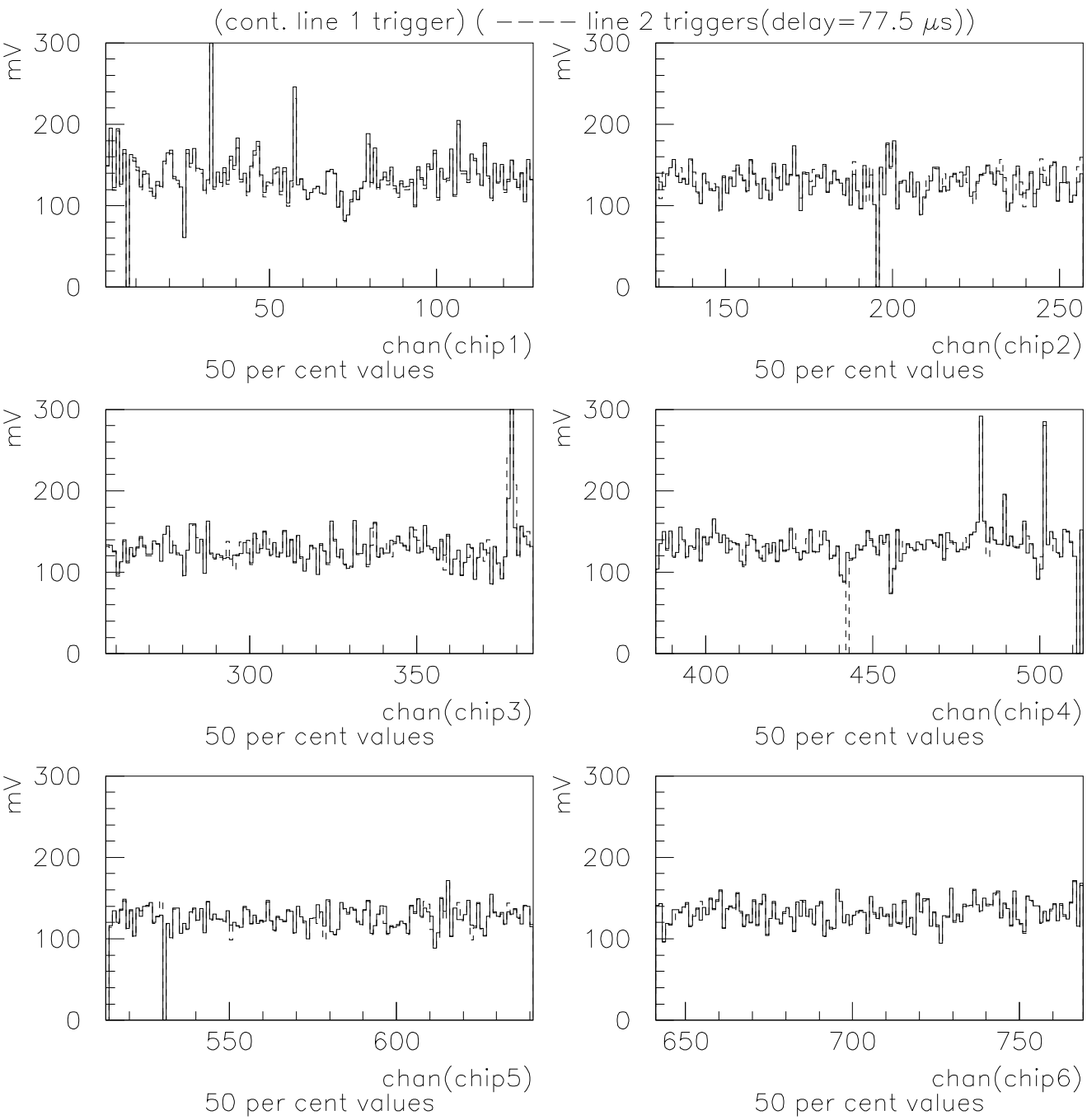

(cont. line 1 trigger) (---- line 2 triggers(delay=72.5 μs))
mV
300
200
100
0
50
100
chan(chip1)
50 per cent values
150
200
250
chan(chip2)
50 per cent values
300
350
chan(chip3)
50 per cent values
400
450
500
chan(chip4)
50 per cent values
550
600
chan(chip5)
50 per cent values
650
700
750
chan(chip6)
50 per cent values

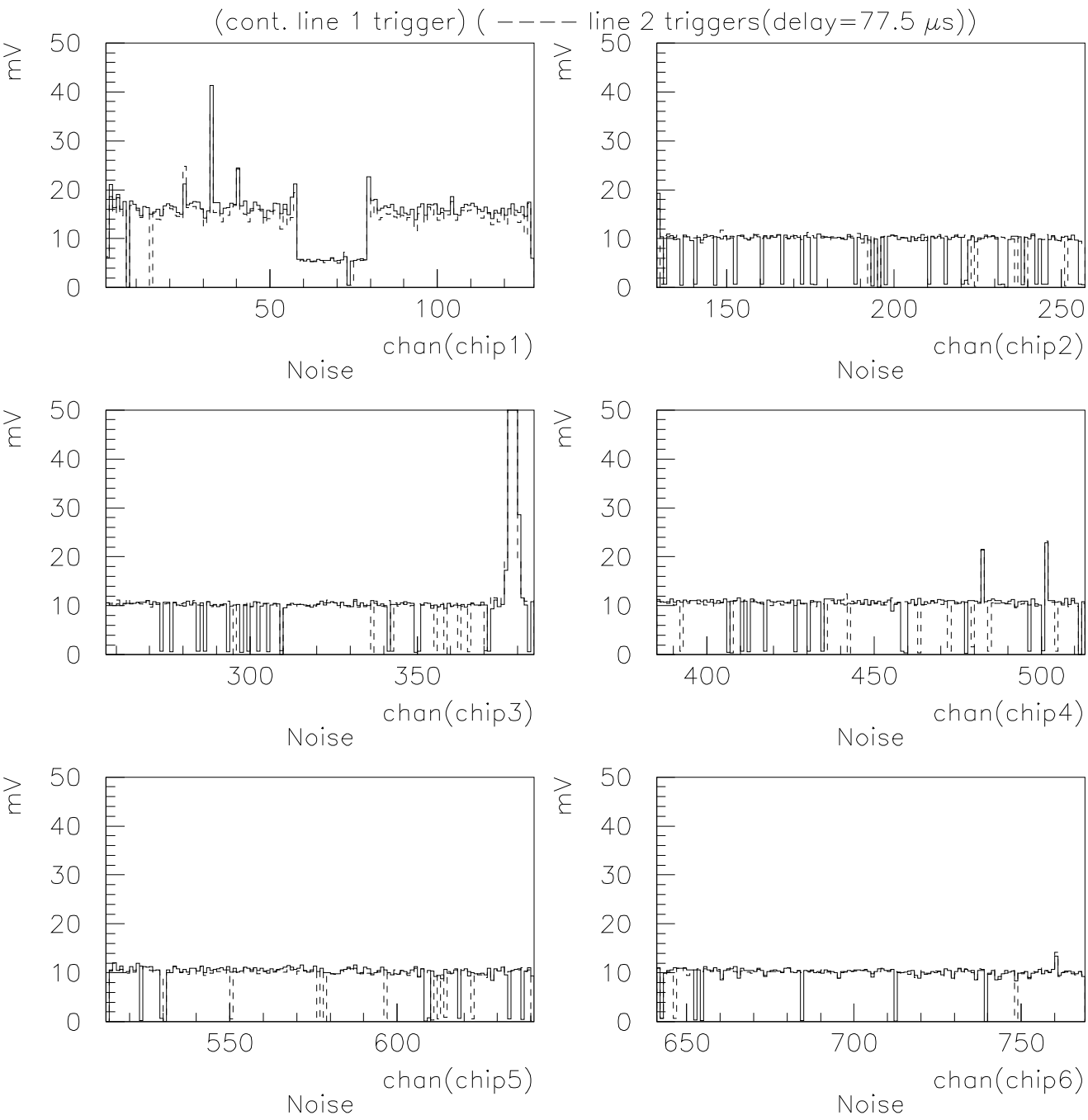

(cont. line 1 trigger) (---- line 2 triggers(delay=72.5 μs))
mV
50
40
30
20
10
0
50
100
chan(chip1)
Noise
150
200
250
chan(chip2)
300
350
chan(chip3)
400
450
500
chan(chip4)
550
600
chan(chip5)
650
700
750
chan(chip6)

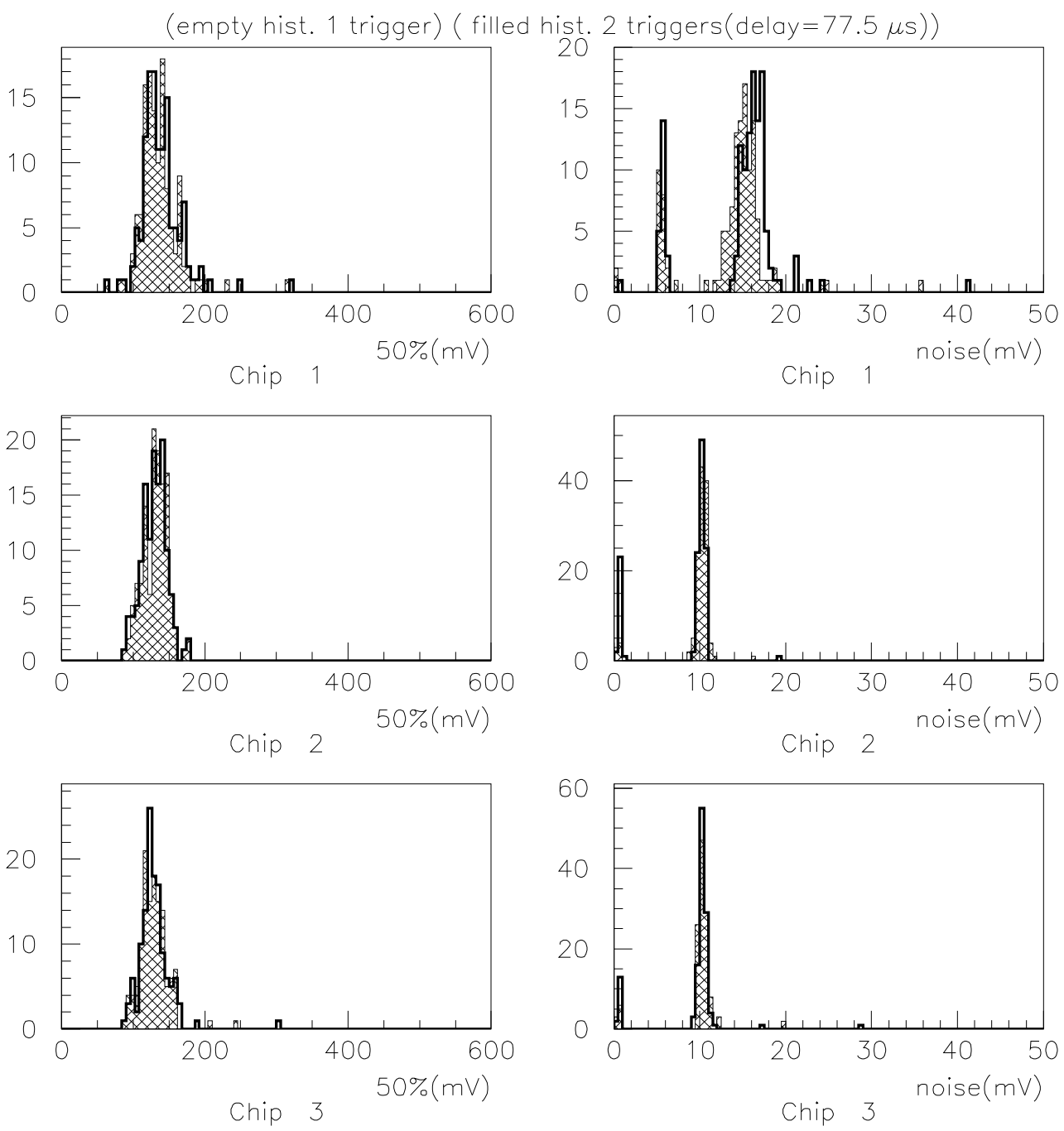

(empty hist. 1 trigger) (filled hist. 2 triggers(delay=72.5 μs))
50%(mV)
Chip 1
noise(mV)
Chip 1
50%(mV)
Chip 2
noise(mV)
Chip 2
50%(mV)
Chip 3
noise(mV)
Chip 3

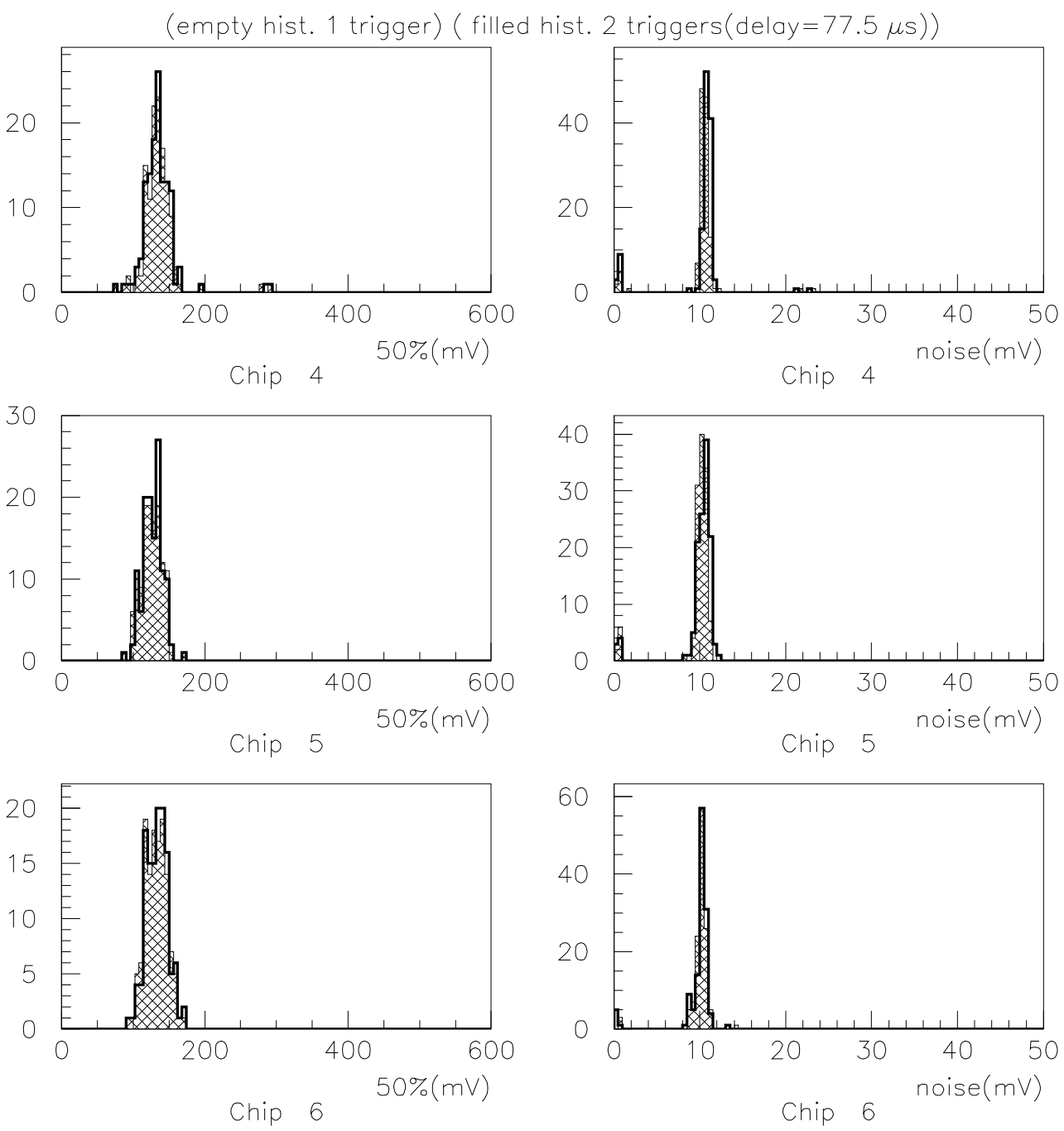

(empty hist. 1 trigger) (filled hist. 2 triggers(delay=72.5 μs))
0
10
20
0
200
400
600
50%(mV)
Chip 4
0
20
40
0
10
20
30
40
50
noise(mV)
Chip 4
0
10
20
30
0
200
400
600
50%(mV)
Chip 5
0
10
20
30
40
0
10
20
30
40
50
noise(mV)
Chip 5
0
5
10
15
20
0
200
400
600
50%(mV)
Chip 6
0
20
40
60
0
10
20
30
40
50
noise(mV)
Chip 6


(cont. line 1 trigger) (---- line 2 triggers(delay=77.5 μs))
mV
300
250
200
150
100
50
0
100
200
300
400
500
600
700
channel
50 per cent values
mV
50
45
40
35
30
25
20
15
10
5
0
100
200
300
400
500
600
700
channel
Noise


(cont. line 1 trigger) (---- line 2 triggers(delay=77.5 μs))
mV
300
200
100
0
50
100
chan(chip1)
50 per cent values
150
200
250
chan(chip2)
50 per cent values
300
350
chan(chip3)
50 per cent values
400
450
500
chan(chip4)
50 per cent values
550
600
chan(chip5)
50 per cent values
650
700
750
chan(chip6)
50 per cent values


(cont. line 1 trigger) (---- line 2 triggers(delay=77.5 μs))
mV
50
40
30
20
10
0
50
100
chan(chip1)
Noise
150
200
250
chan(chip2)
300
350
chan(chip3)
400
450
500
chan(chip4)
550
600
chan(chip5)
650
700
750
chan(chip6)


(empty hist. 1 trigger) (filled hist. 2 triggers(delay=77.5 μs))
50%(mV)
Chip 1
noise(mV)
Chip 1
50%(mV)
Chip 2
noise(mV)
Chip 2
50%(mV)
Chip 3
noise(mV)
Chip 3


(empty hist. 1 trigger) (filled hist. 2 triggers(delay=77.5 μs))
50%(mV)
Chip 4
noise(mV)
Chip 4
50%(mV)
Chip 5
noise(mV)
Chip 5
50%(mV)
Chip 6
noise(mV)
Chip 6