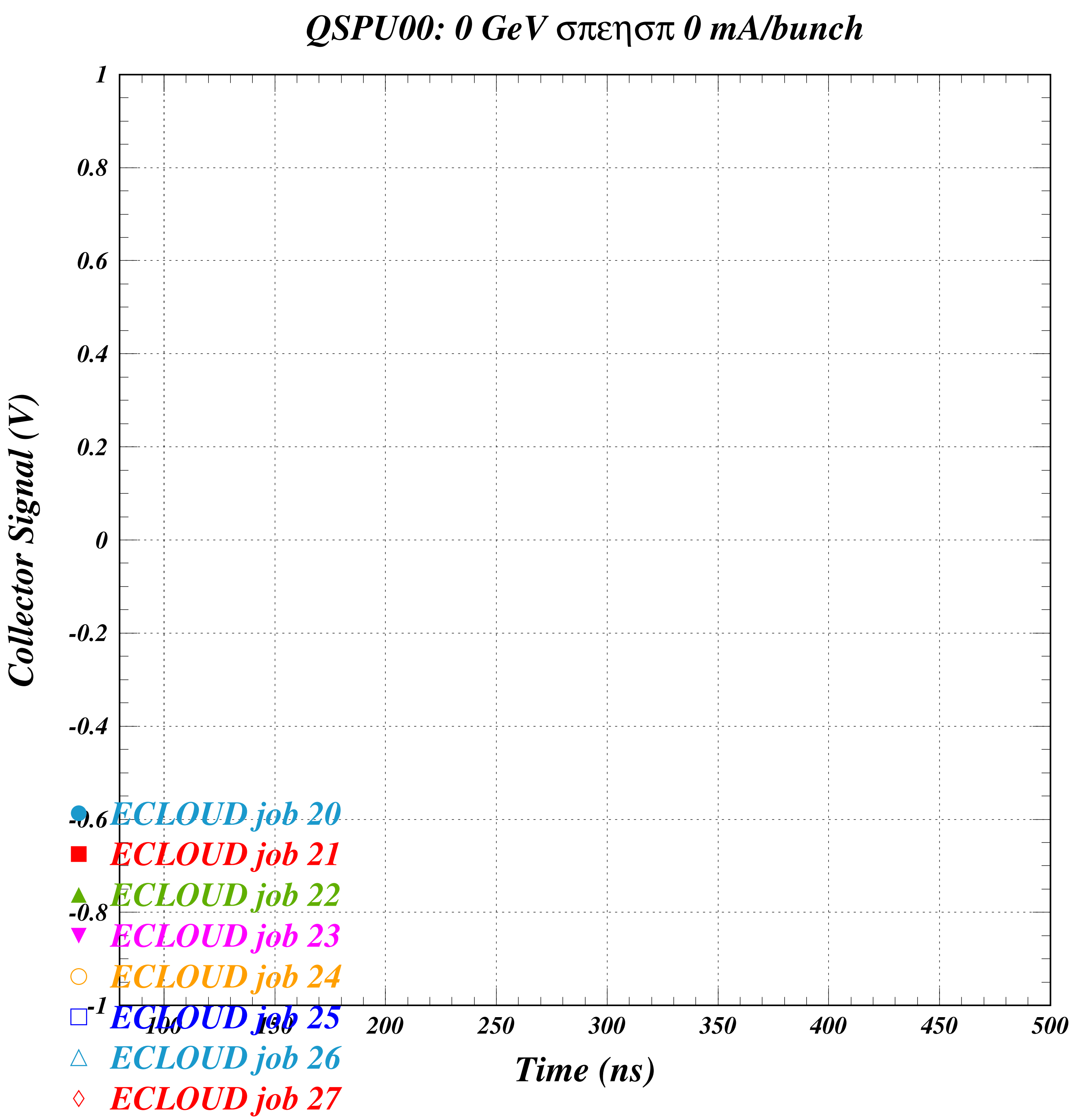
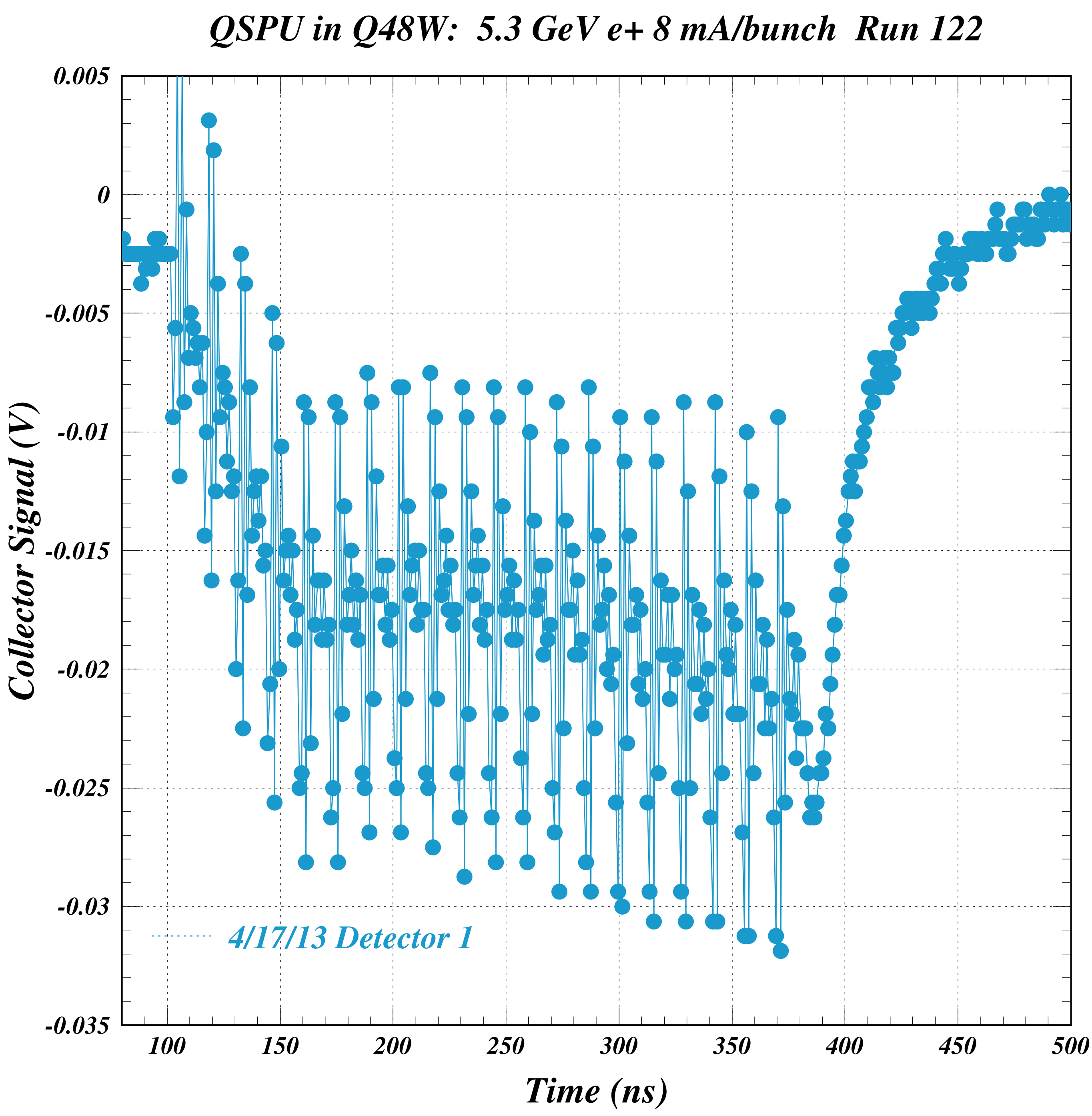
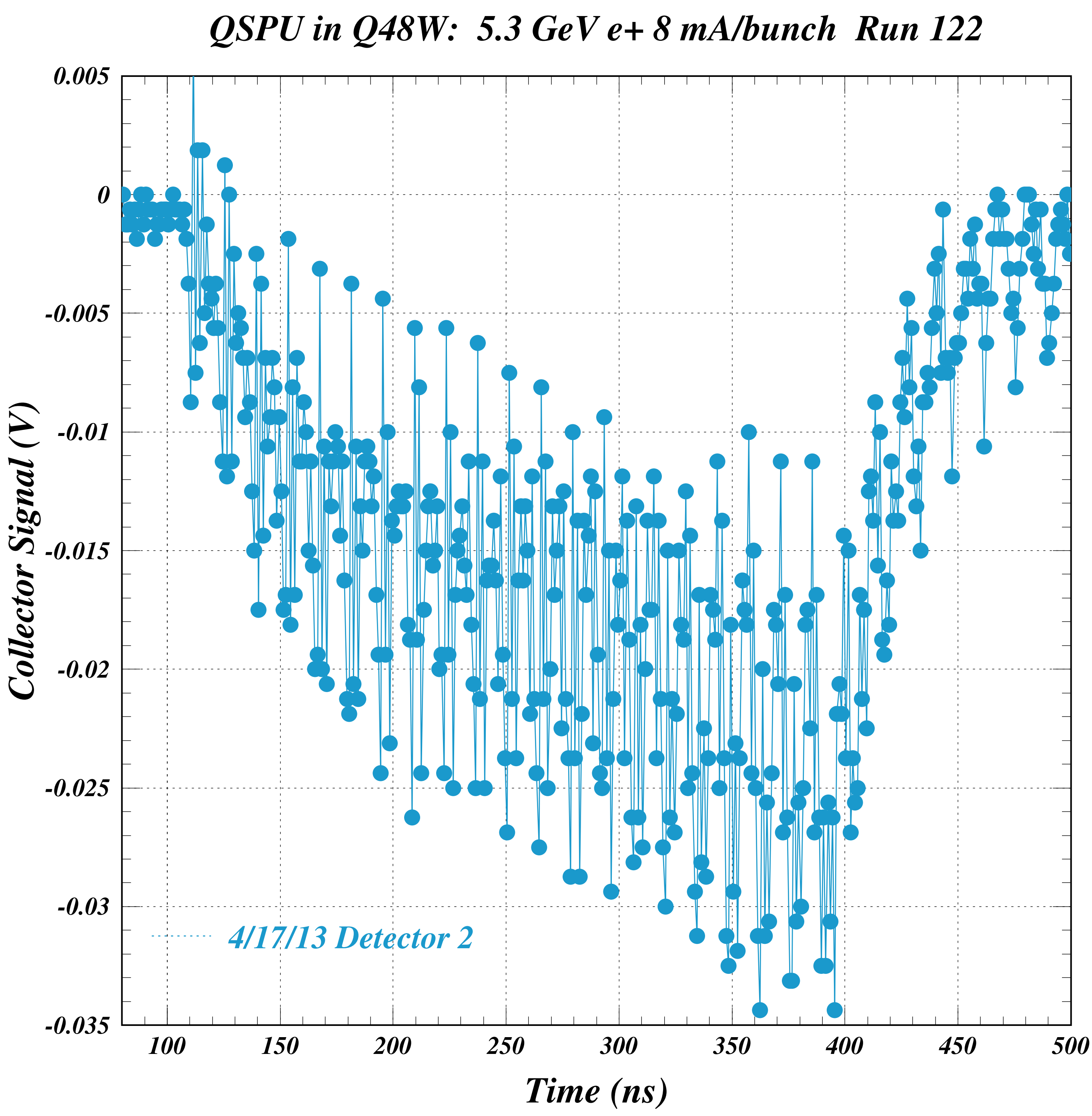
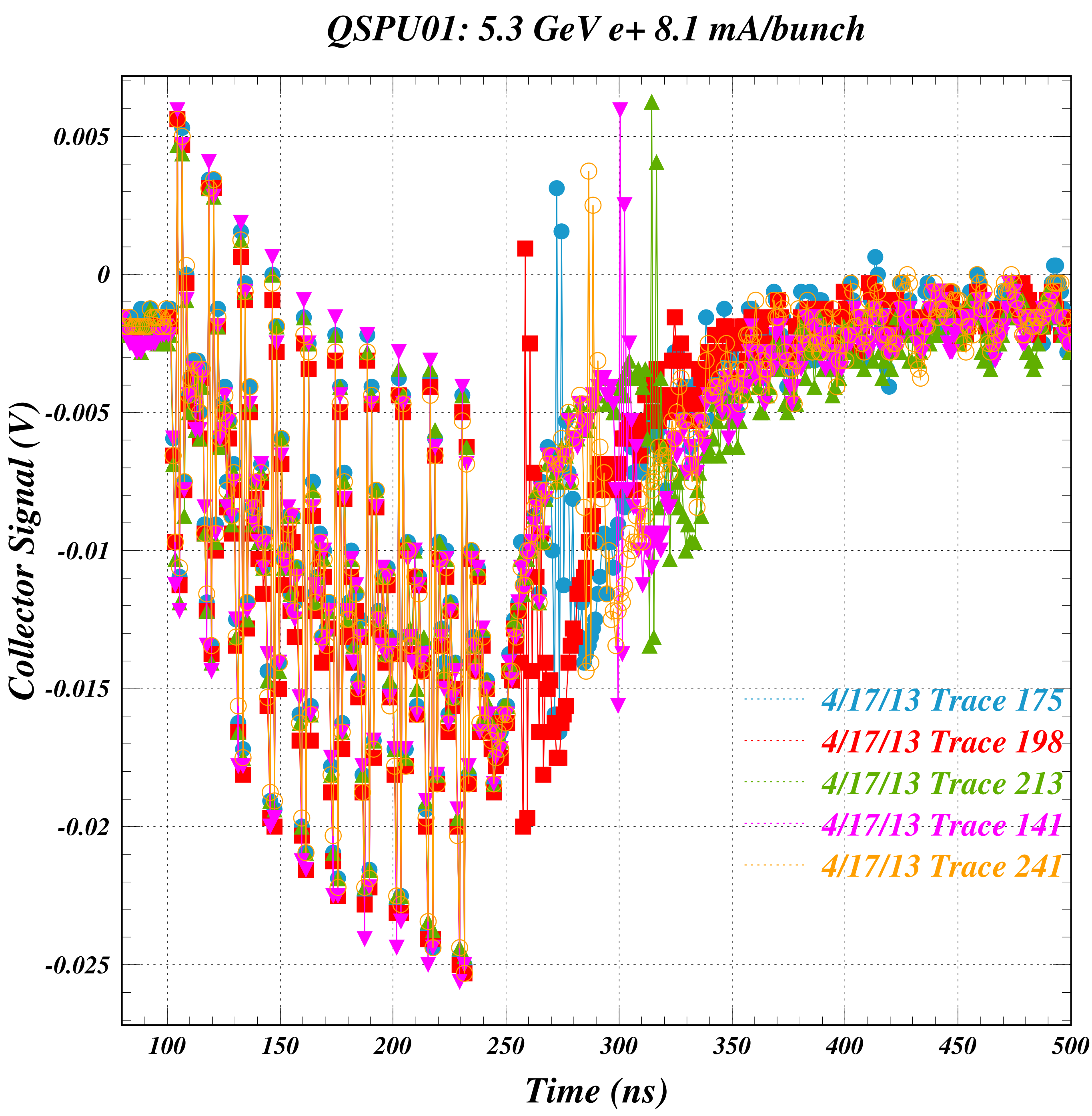


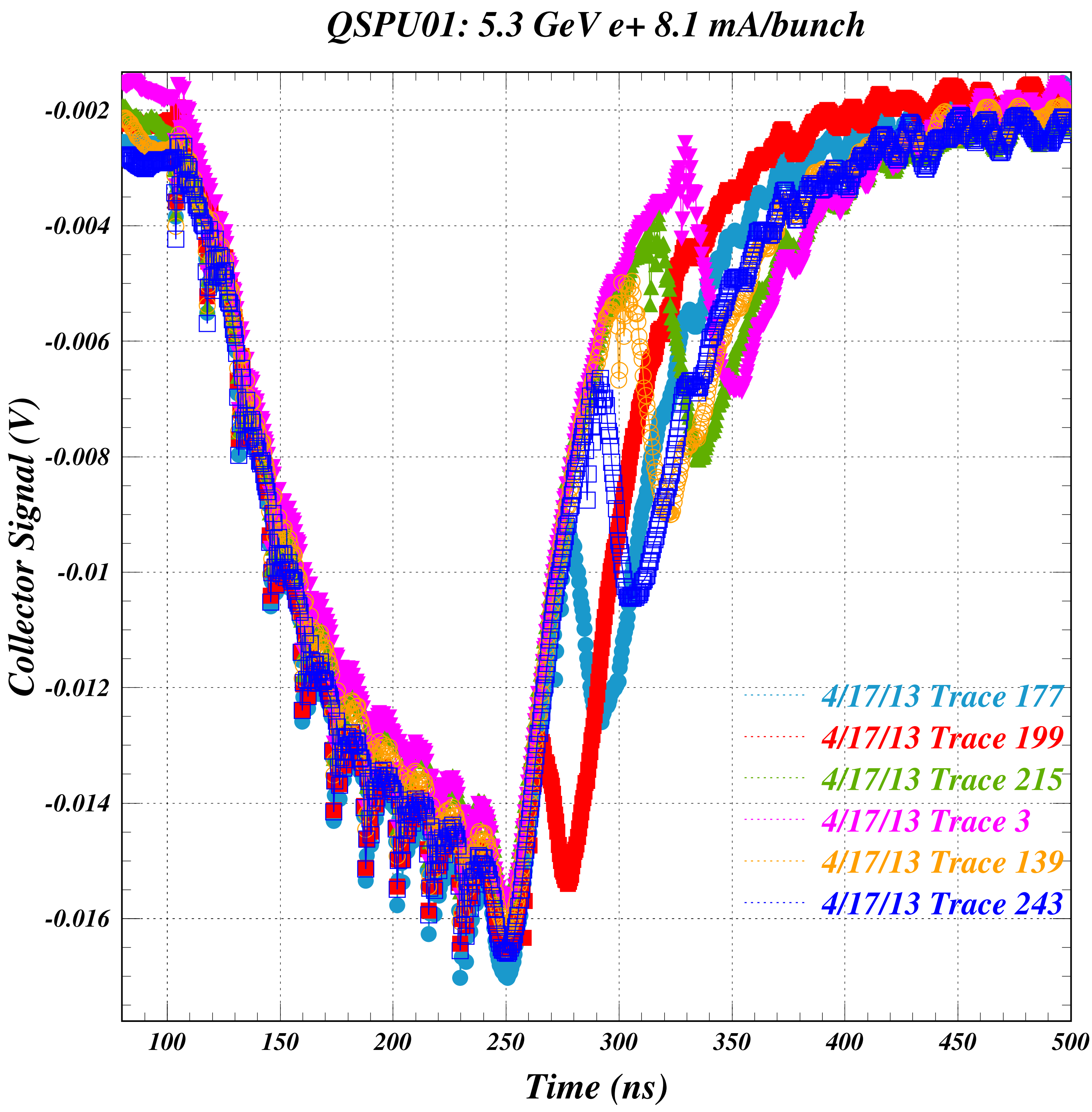
QSPU00: 0 GeV σπεησπ 0 mA/bunch
Collector Signal (V)
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
100
150
200
250
300
350
400
450
500
Time (ns)
ECLOUD job 20
ECLOUD job 21
ECLOUD job 22
ECLOUD job 23
ECLOUD job 24
ECLOUD job 25
ECLOUD job 26
ECLOUD job 27

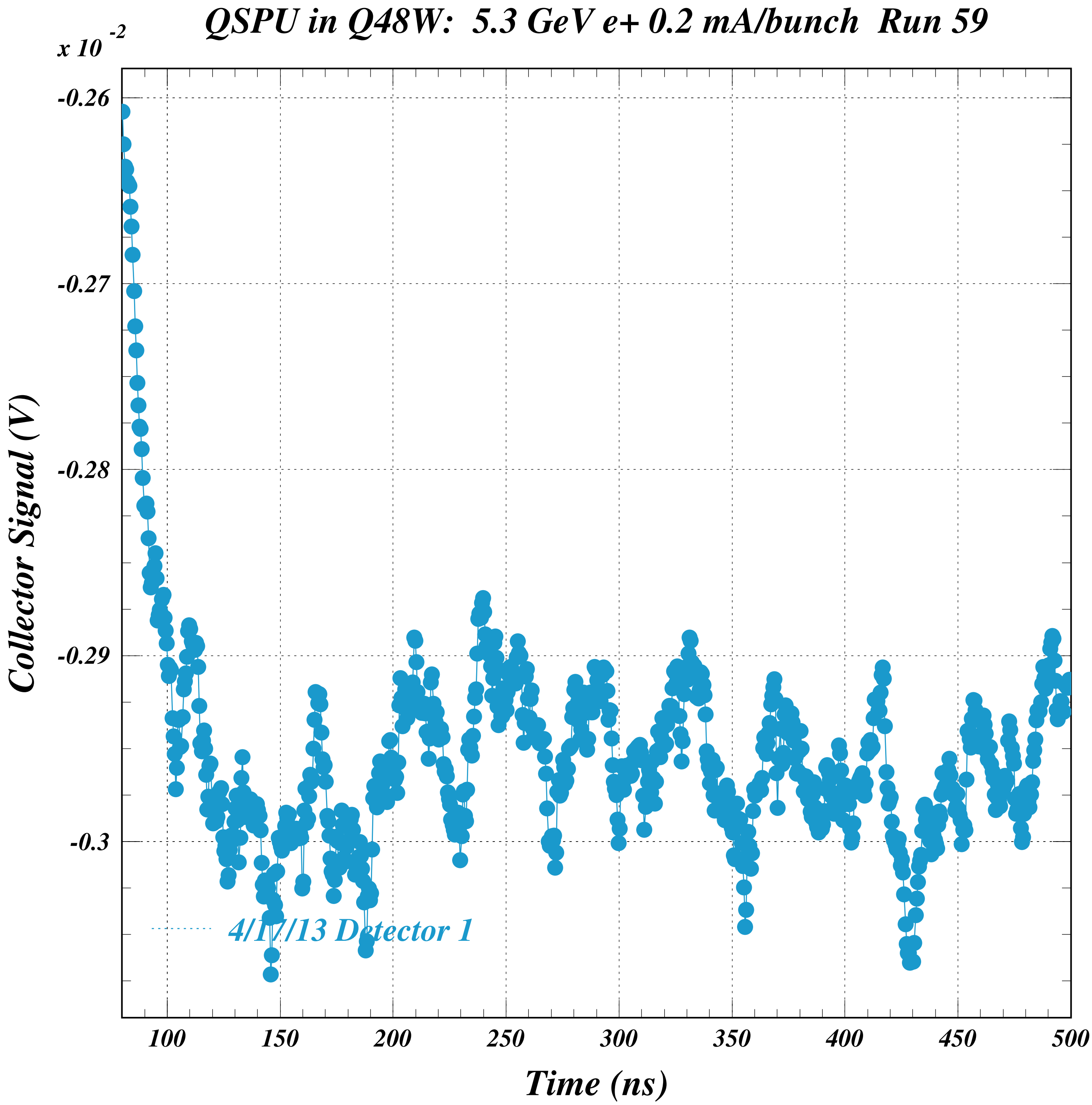


QSPU in Q48W: 5.3 GeV e+ 8 mA/bunch Run 122
Collector Signal (V)
Time (ns)
4/17/13 Detector 1
0.005
0
-0.005
-0.01
-0.015
-0.02
-0.025
-0.03
-0.035
100
150
200
250
300
350
400
450
500


QSPU in Q48W: 5.3 GeV e+ 8 mA/bunch Run 122
Collector Signal (V)
0.005
0
-0.005
-0.01
-0.015
-0.02
-0.025
-0.03
-0.035
100
150
200
250
300
350
400
450
500
Time (ns)
4/17/13 Detector 2


QSPU01: 5.3 GeV e+ 8.1 mA/bunch
Collector Signal (V)
0.005
0
-0.005
-0.01
-0.015
-0.02
-0.025
100
150
200
250
300
350
400
450
500
Time (ns)
4/17/13 Trace 175
4/17/13 Trace 198
4/17/13 Trace 213
4/17/13 Trace 141
4/17/13 Trace 241


QSPU01: 5.3 GeV e+ 8.1 mA/bunch
Collector Signal (V)
Time (ns)
-0.002
-0.004
-0.006
-0.008
-0.01
-0.012
-0.014
-0.016
100
150
200
250
300
350
400
450
500
4/17/13 Trace 177
4/17/13 Trace 199
4/17/13 Trace 215
4/17/13 Trace 3
4/17/13 Trace 139
4/17/13 Trace 243


QSPU in Q48W: 5.3 GeV e+ 0.2 mA/bunch Run 59
x 10 -2
-0.26
-0.27
-0.28
-0.29
-0.3
Collector Signal (V)
4/17/13 Detector 1
100
150
200
250
300
350
400
450
500
Time (ns)