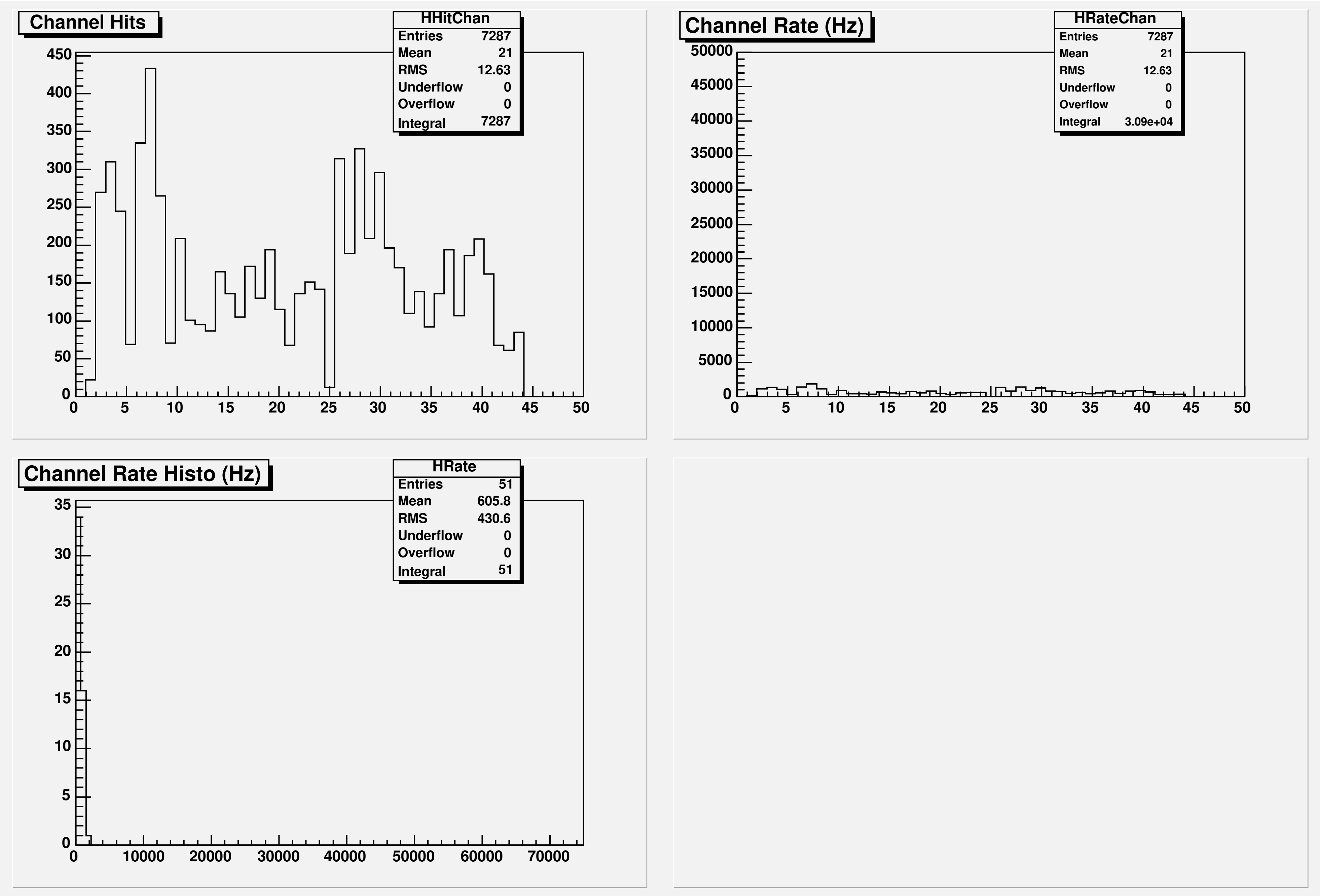
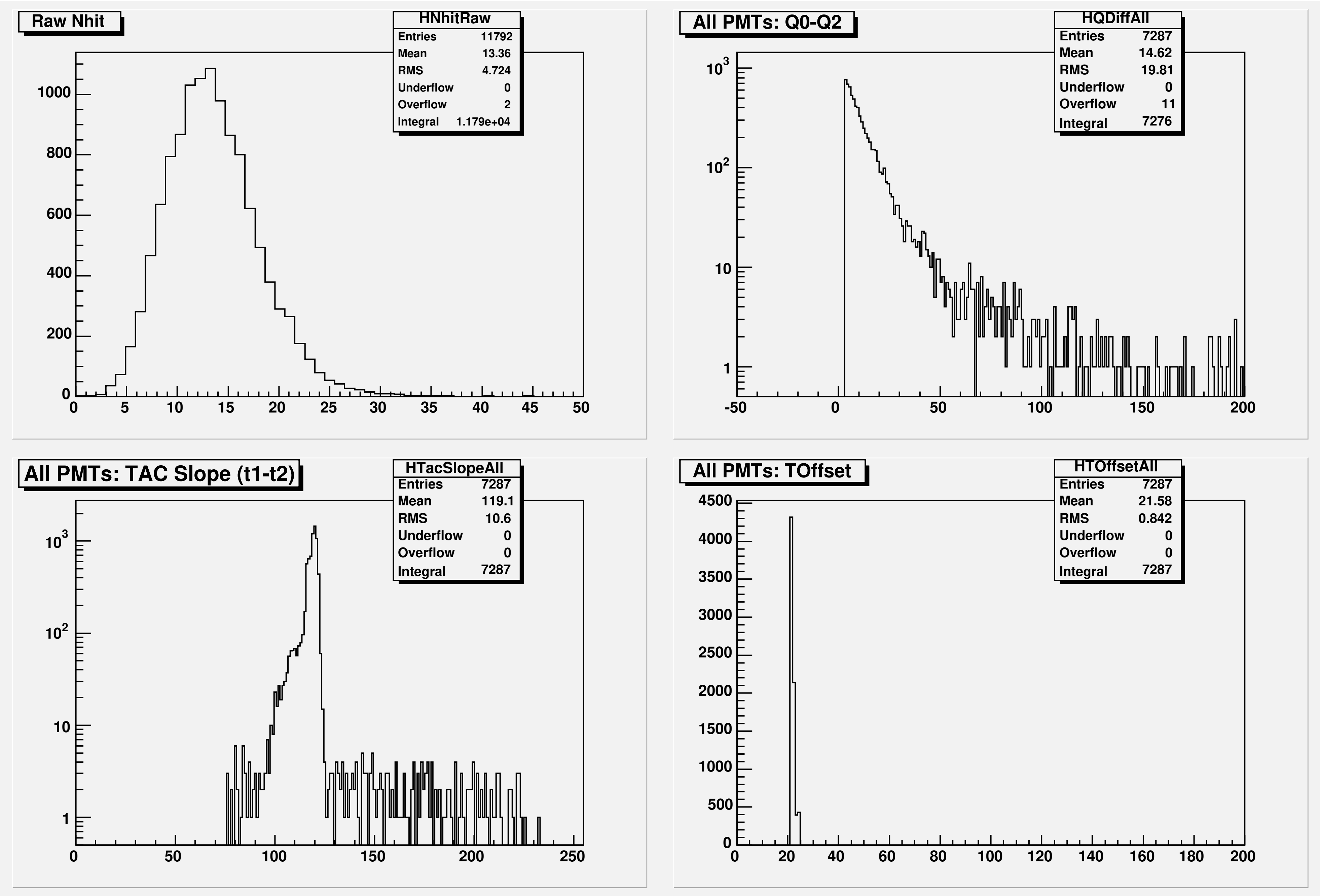
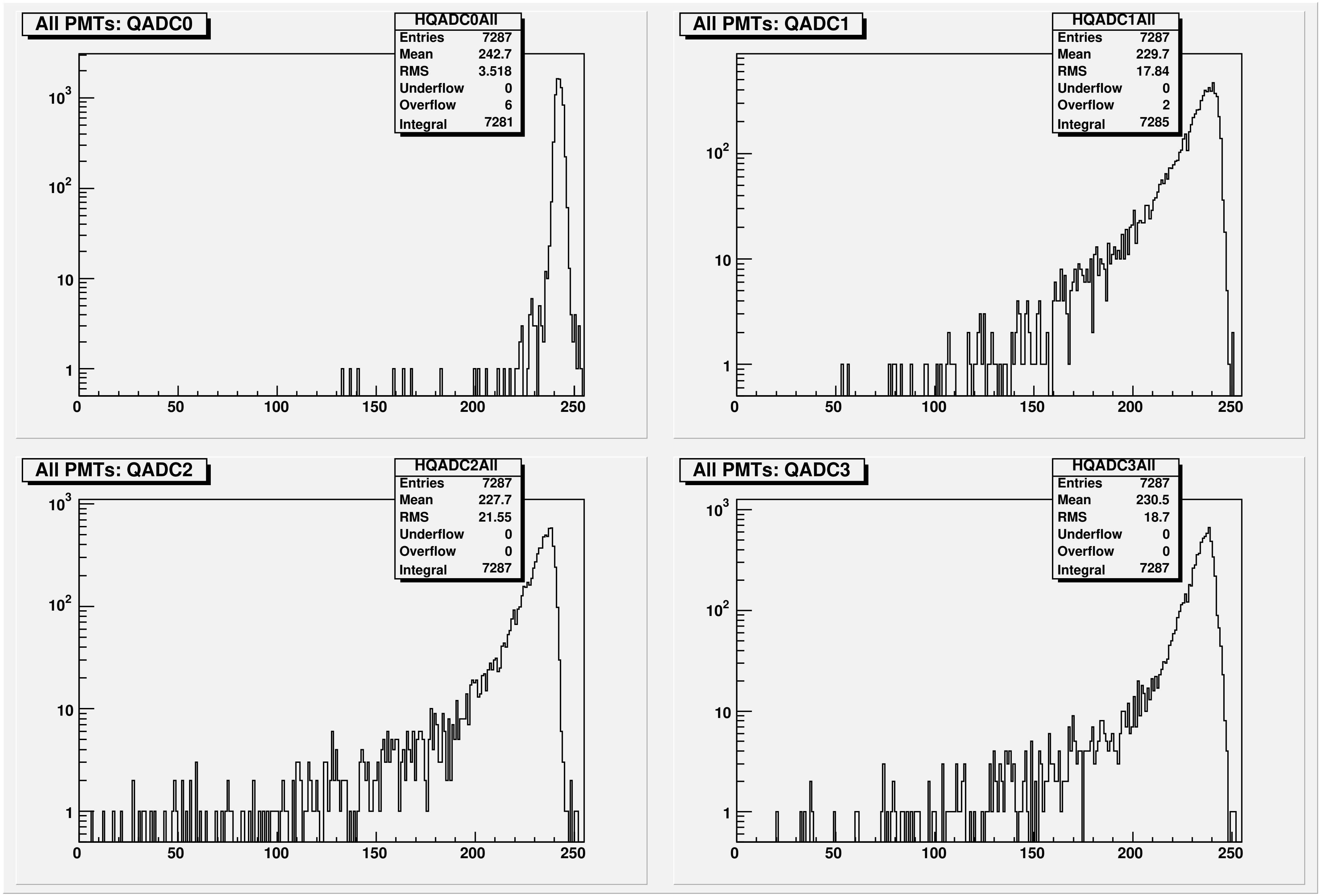
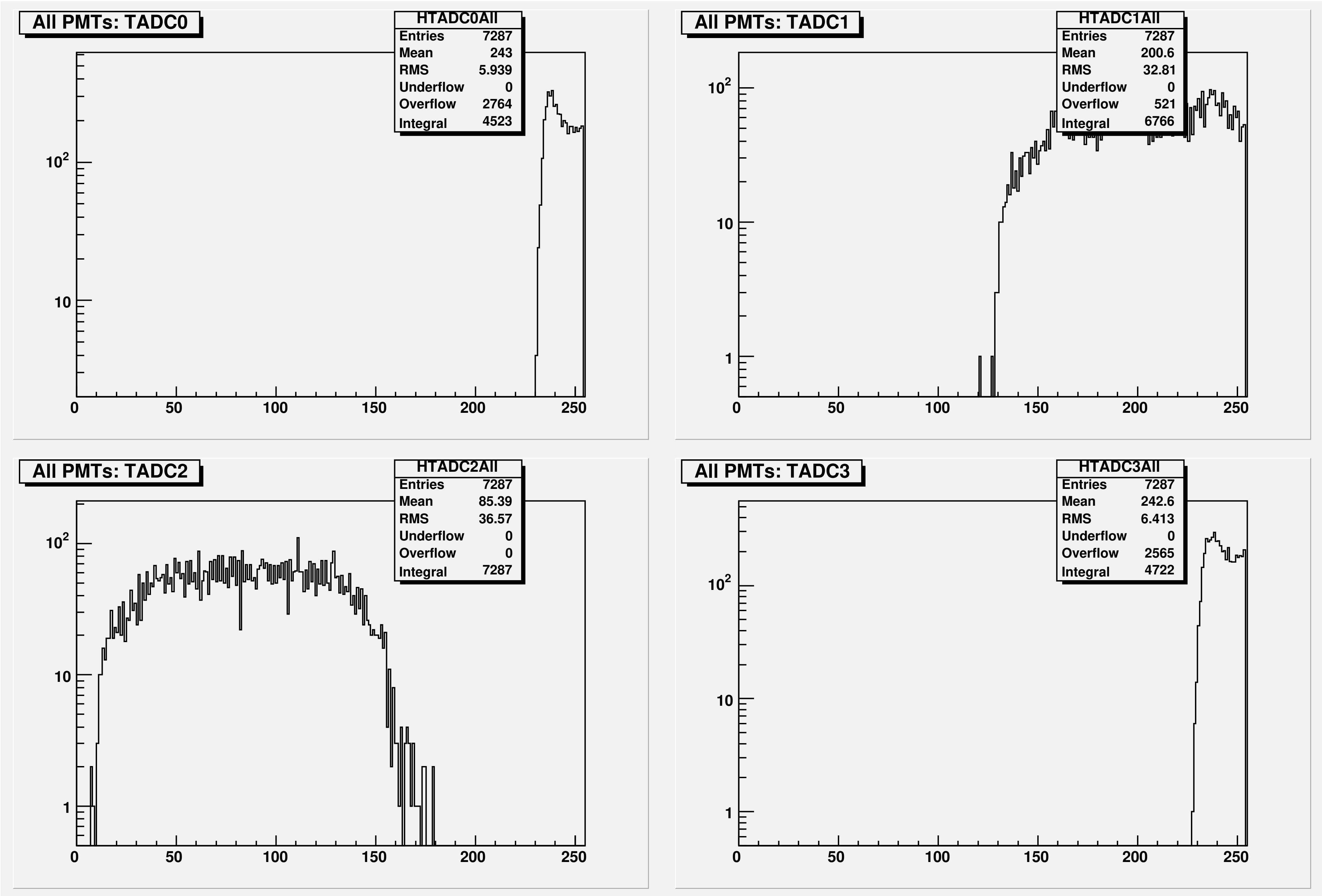
RUN: VlandUnCal Run11484 LEDTCut-QCut

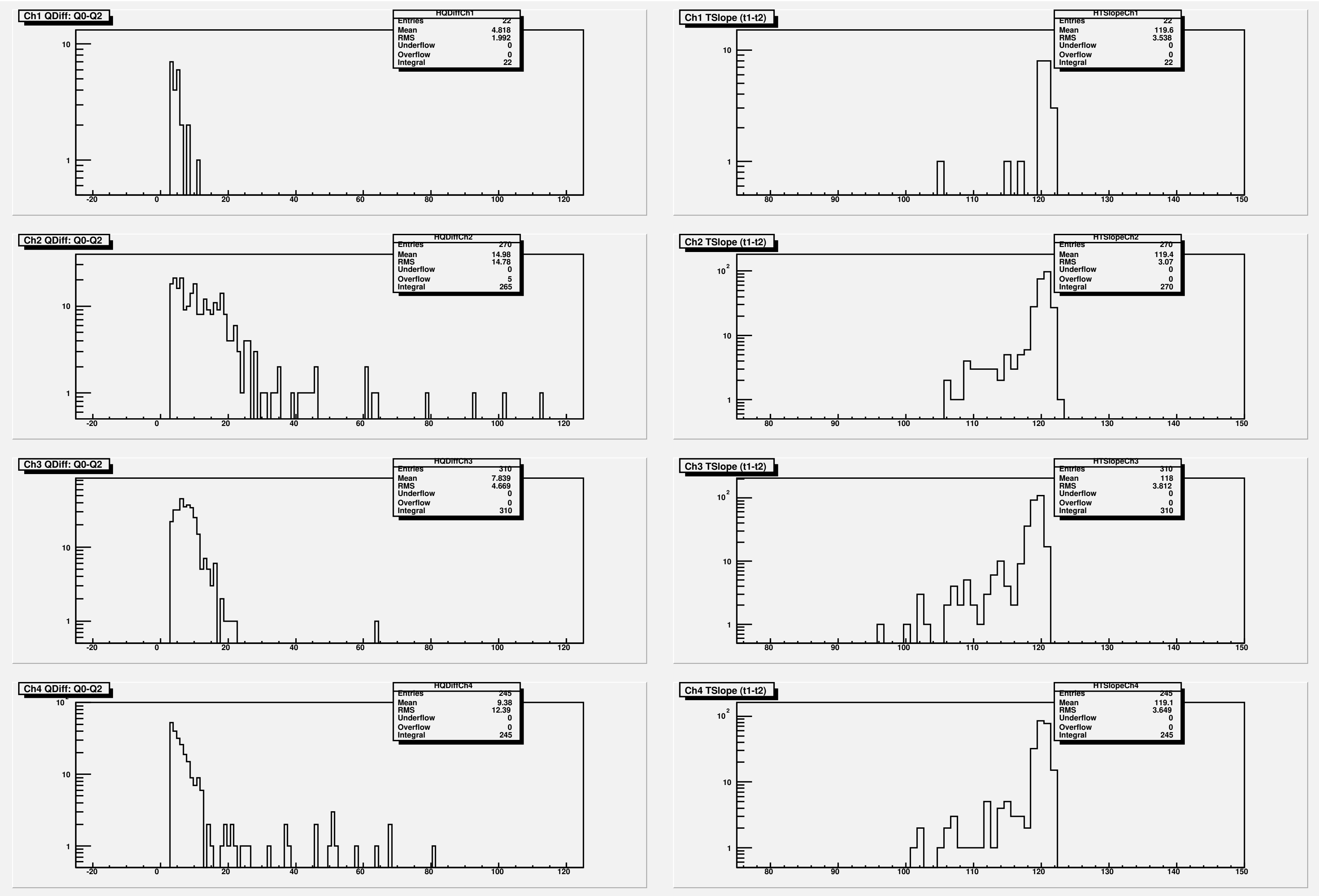

Channel Hits
HHitChan
Entries 7287
Mean 21
RMS 12.63
Underflow 0
Overflow 0
Integral 7287
450
400
350
300
250
200
150
100
50
0
0 5 10 15 20 25 30 35 40 45 50
Channel Rate (Hz)
HRateChan
Entries 7287
Mean 21
RMS 12.63
Underflow 0
Overflow 0
Integral 3.09e+04
50000
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
0 5 10 15 20 25 30 35 40 45 50
Channel Rate Histo (Hz)
HRate
Entries 51
Mean 605.8
RMS 430.6
Underflow 0
Overflow 0
Integral 51
35
30
25
20
15
10
5
0
0 10000 20000 30000 40000 50000 60000 70000

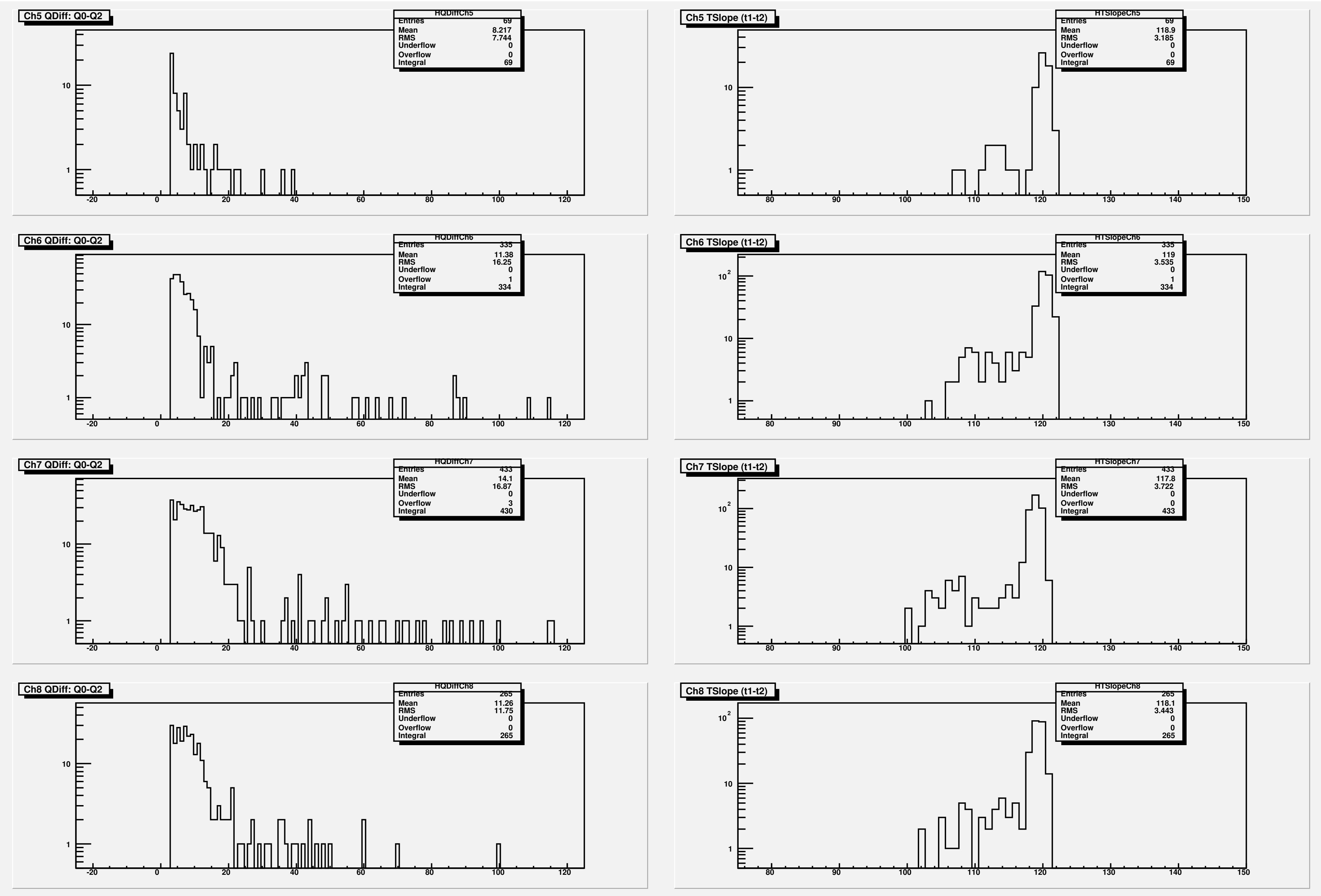


Raw Nhit
HNhitRaw
Entries 11792
Mean 13.36
RMS 4.724
Underflow 0
Overflow 2
Integral 1.179e+04
All PMTs: Q0-Q2
HQDiffAll
Entries 7287
Mean 14.62
RMS 19.81
Underflow 0
Overflow 11
Integral 7276
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 7287
Mean 119.1
RMS 10.6
Underflow 0
Overflow 0
Integral 7287
All PMTs: TOffset
HTOffsetAll
Entries 7287
Mean 21.58
RMS 0.842
Underflow 0
Overflow 0
Integral 7287

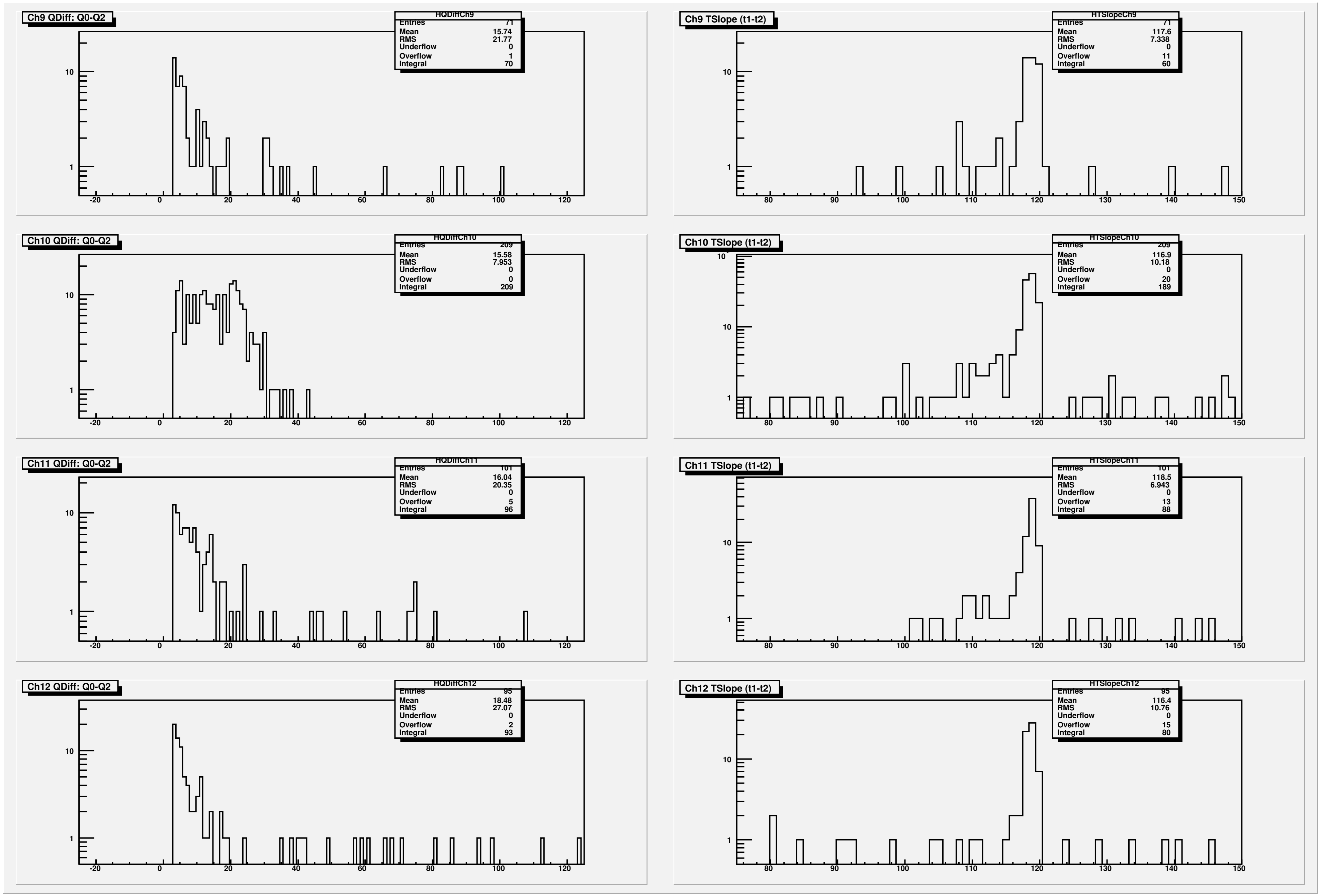

All PMTs: QADC0
HQADC0All
Entries 7287
Mean 242.7
RMS 3.518
Underflow 0
Overflow 6
Integral 7281
All PMTs: QADC1
HQADC1All
Entries 7287
Mean 229.7
RMS 17.84
Underflow 0
Overflow 2
Integral 7285
All PMTs: QADC2
HQADC2All
Entries 7287
Mean 227.7
RMS 21.55
Underflow 0
Overflow 0
Integral 7287
All PMTs: QADC3
HQADC3All
Entries 7287
Mean 230.5
RMS 18.7
Underflow 0
Overflow 0
Integral 7287


All PMTs: TADC0
HTADC0All
Entries 7287
Mean 243
RMS 5.939
Underflow 0
Overflow 2764
Integral 4523
10
10^2
0 50 100 150 200 250
All PMTs: TADC1
HTADC1All
Entries 7287
Mean 200.6
RMS 32.81
Underflow 0
Overflow 521
Integral 6766
1
10
10^2
0 50 100 150 200 250
All PMTs: TADC2
HTADC2All
Entries 7287
Mean 85.39
RMS 36.57
Underflow 0
Overflow 0
Integral 7287
1
10
10^2
0 50 100 150 200 250
All PMTs: TADC3
HTADC3All
Entries 7287
Mean 242.6
RMS 6.413
Underflow 0
Overflow 2565
Integral 4722
1
10
10^2
0 50 100 150 200 250

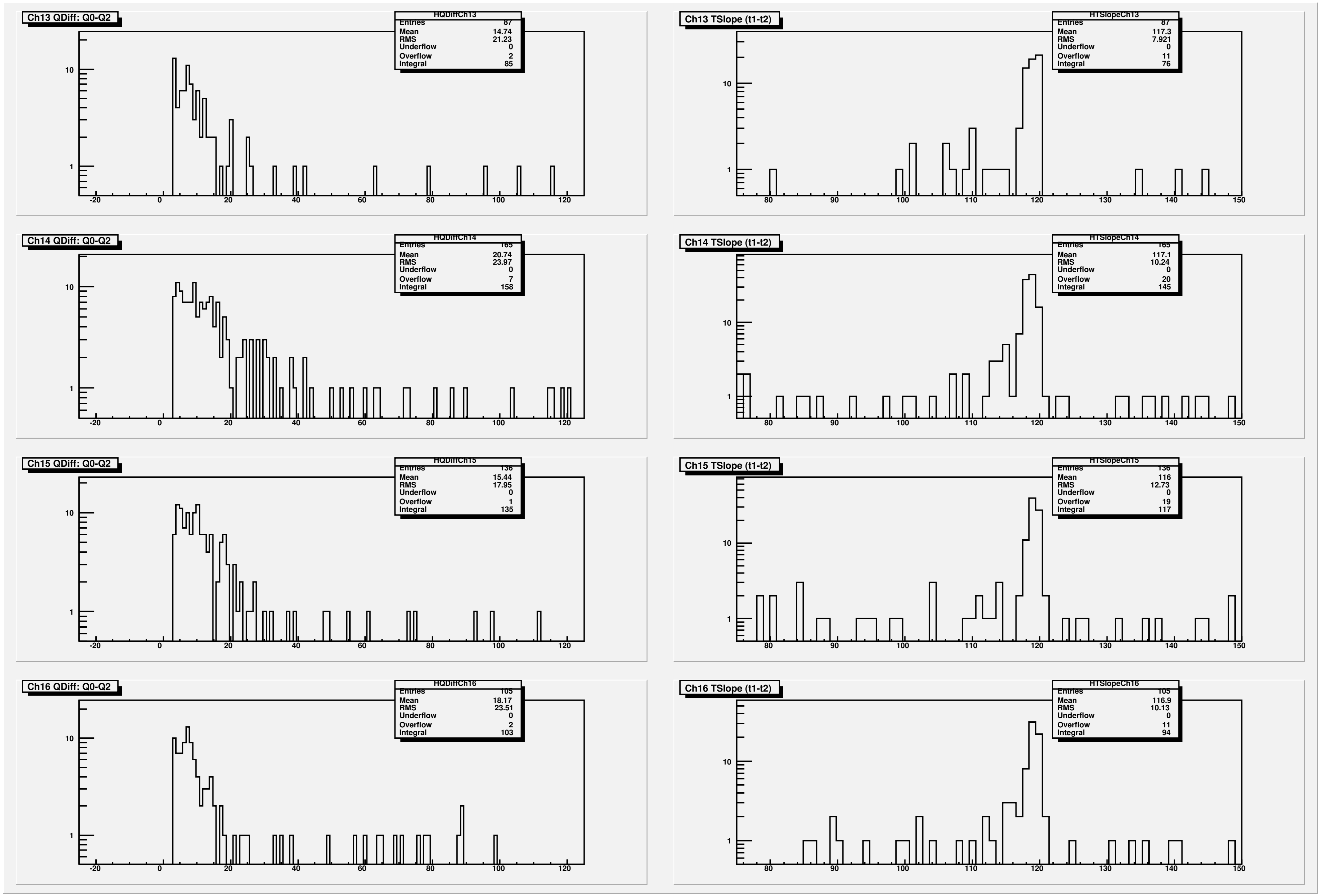

Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 22
Mean 4.818
RMS 1.992
Underflow 0
Overflow 0
Integral 22
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 22
Mean 119.6
RMS 3.538
Underflow 0
Overflow 0
Integral 22
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 270
Mean 14.98
RMS 14.78
Underflow 0
Overflow 5
Integral 265
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 270
Mean 119.4
RMS 3.07
Underflow 0
Overflow 0
Integral 270
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 310
Mean 7.839
RMS 4.669
Underflow 0
Overflow 0
Integral 310
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 310
Mean 118
RMS 3.812
Underflow 0
Overflow 0
Integral 310
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 245
Mean 9.38
RMS 12.39
Underflow 0
Overflow 0
Integral 245
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 245
Mean 119.1
RMS 3.649
Underflow 0
Overflow 0
Integral 245

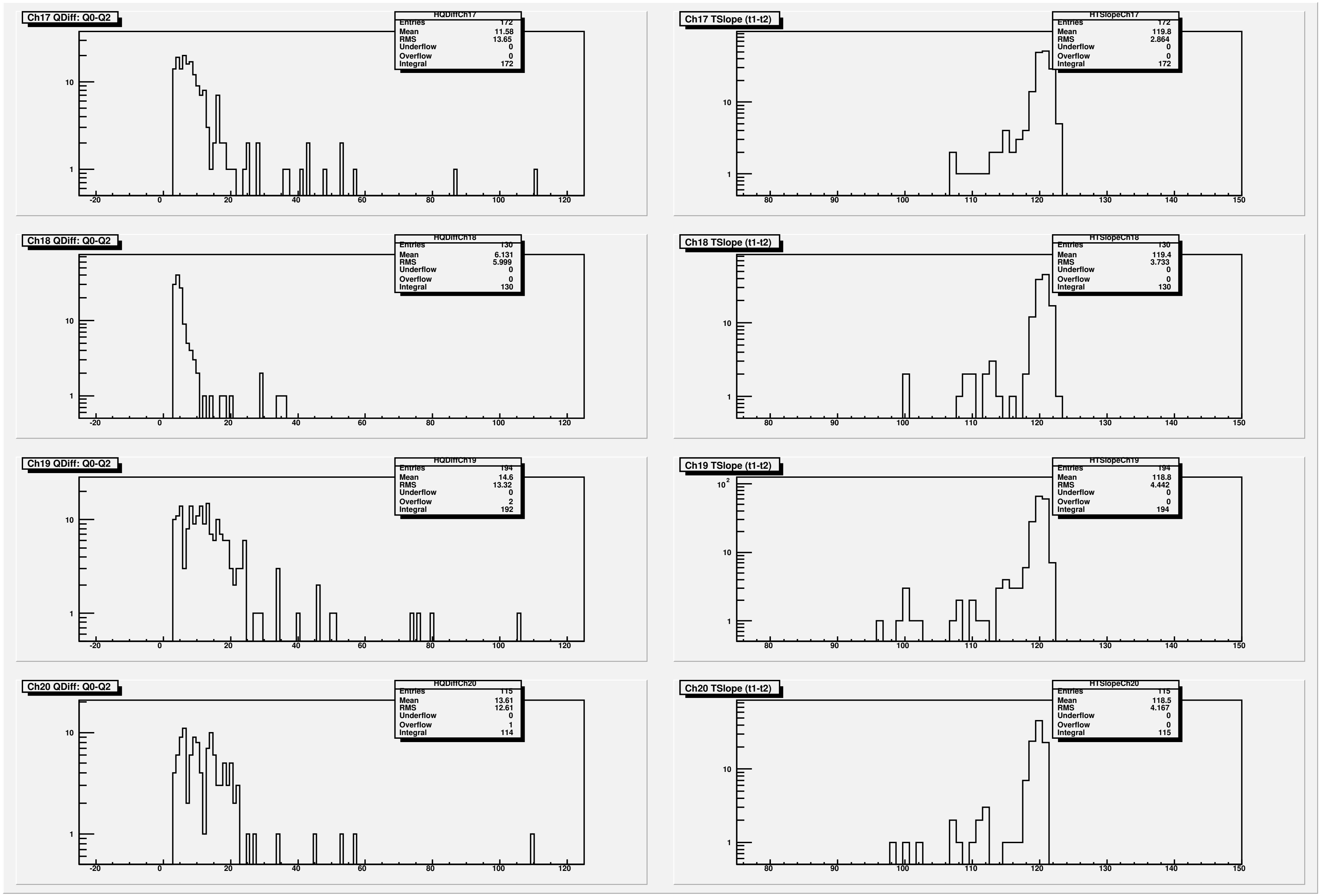


Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 69
Mean 8.217
RMS 7.744
Underflow 0
Overflow 0
Integral 69
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 69
Mean 118.9
RMS 3.185
Underflow 0
Overflow 0
Integral 69
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 335
Mean 11.38
RMS 16.25
Underflow 0
Overflow 1
Integral 334
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 335
Mean 119
RMS 3.535
Underflow 0
Overflow 1
Integral 334
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 433
Mean 14.1
RMS 16.87
Underflow 0
Overflow 3
Integral 430
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 433
Mean 117.8
RMS 3.722
Underflow 0
Overflow 0
Integral 433
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 265
Mean 11.26
RMS 11.75
Underflow 0
Overflow 0
Integral 265
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 265
Mean 118.1
RMS 3.443
Underflow 0
Overflow 0
Integral 265

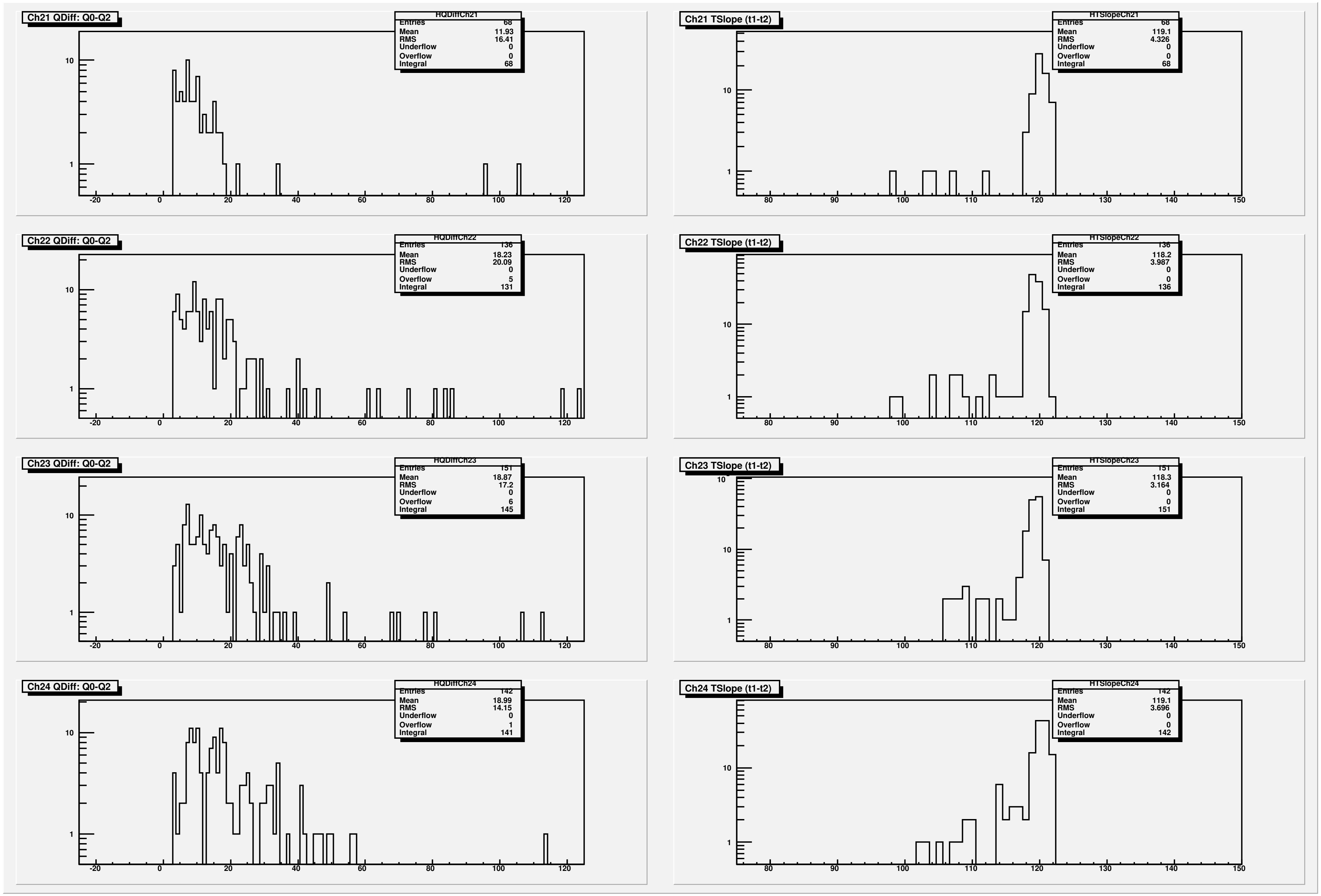


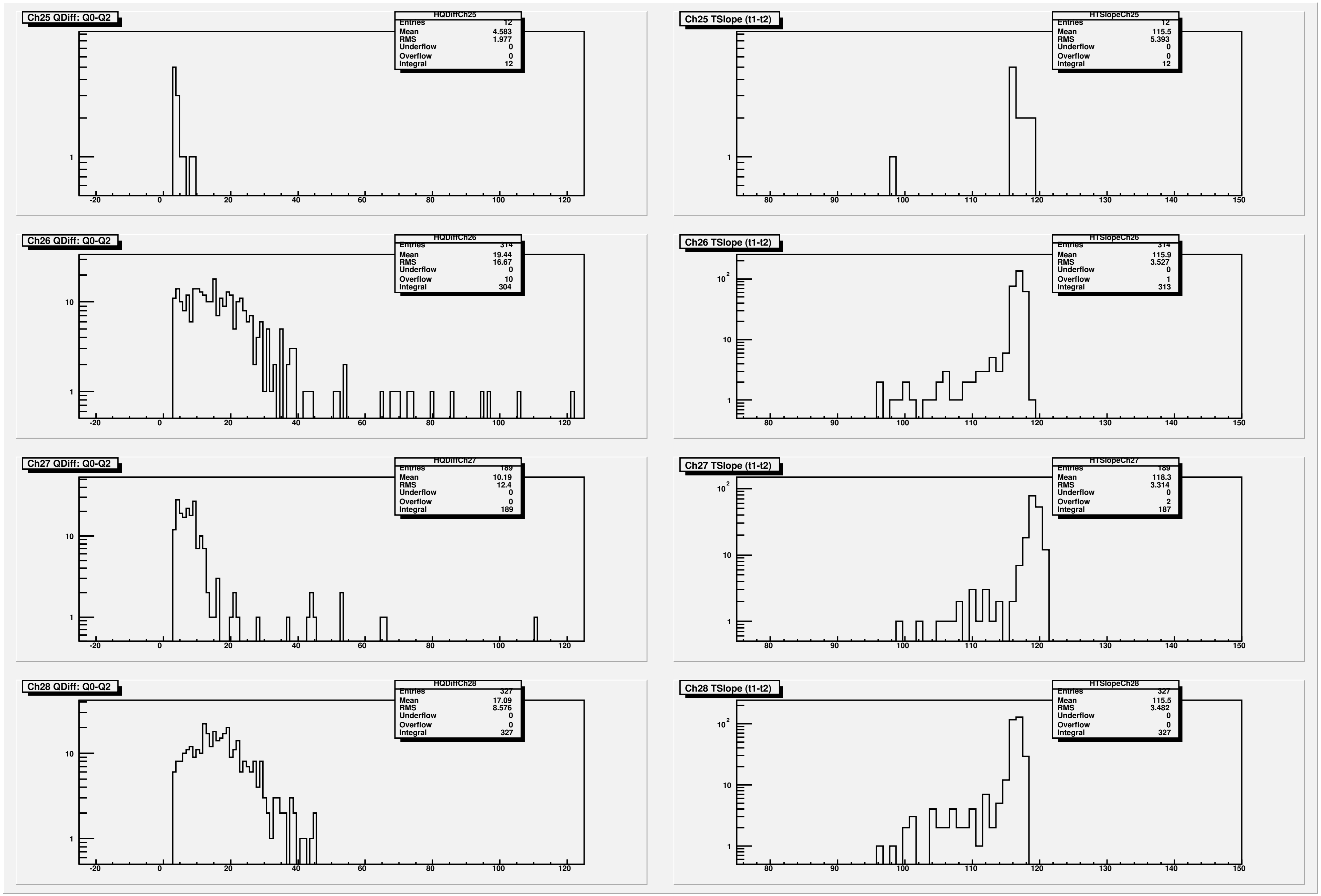
Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 71
Mean 15.74
RMS 21.77
Underflow 0
Overflow 1
Integral 70
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 71
Mean 117.6
RMS 7.338
Underflow 0
Overflow 11
Integral 60
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 209
Mean 15.58
RMS 7.953
Underflow 0
Overflow 0
Integral 209
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 209
Mean 116.9
RMS 10.18
Underflow 0
Overflow 20
Integral 189
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 101
Mean 16.04
RMS 20.35
Underflow 0
Overflow 5
Integral 96
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 101
Mean 118.5
RMS 6.943
Underflow 0
Overflow 13
Integral 88
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 95
Mean 18.48
RMS 27.07
Underflow 0
Overflow 2
Integral 93
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 95
Mean 116.4
RMS 10.76
Underflow 0
Overflow 15
Integral 80


Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 87
Mean 14.74
RMS 21.23
Underflow 0
Overflow 2
Integral 85
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 87
Mean 117.3
RMS 7.921
Underflow 0
Overflow 11
Integral 76
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 165
Mean 20.74
RMS 23.97
Underflow 0
Overflow 7
Integral 158
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 165
Mean 117.1
RMS 10.24
Underflow 0
Overflow 20
Integral 145
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 136
Mean 15.44
RMS 17.95
Underflow 0
Overflow 1
Integral 135
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 136
Mean 116
RMS 12.73
Underflow 0
Overflow 19
Integral 117
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 105
Mean 18.17
RMS 23.51
Underflow 0
Overflow 2
Integral 103
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 105
Mean 116.9
RMS 10.13
Underflow 0
Overflow 11
Integral 94

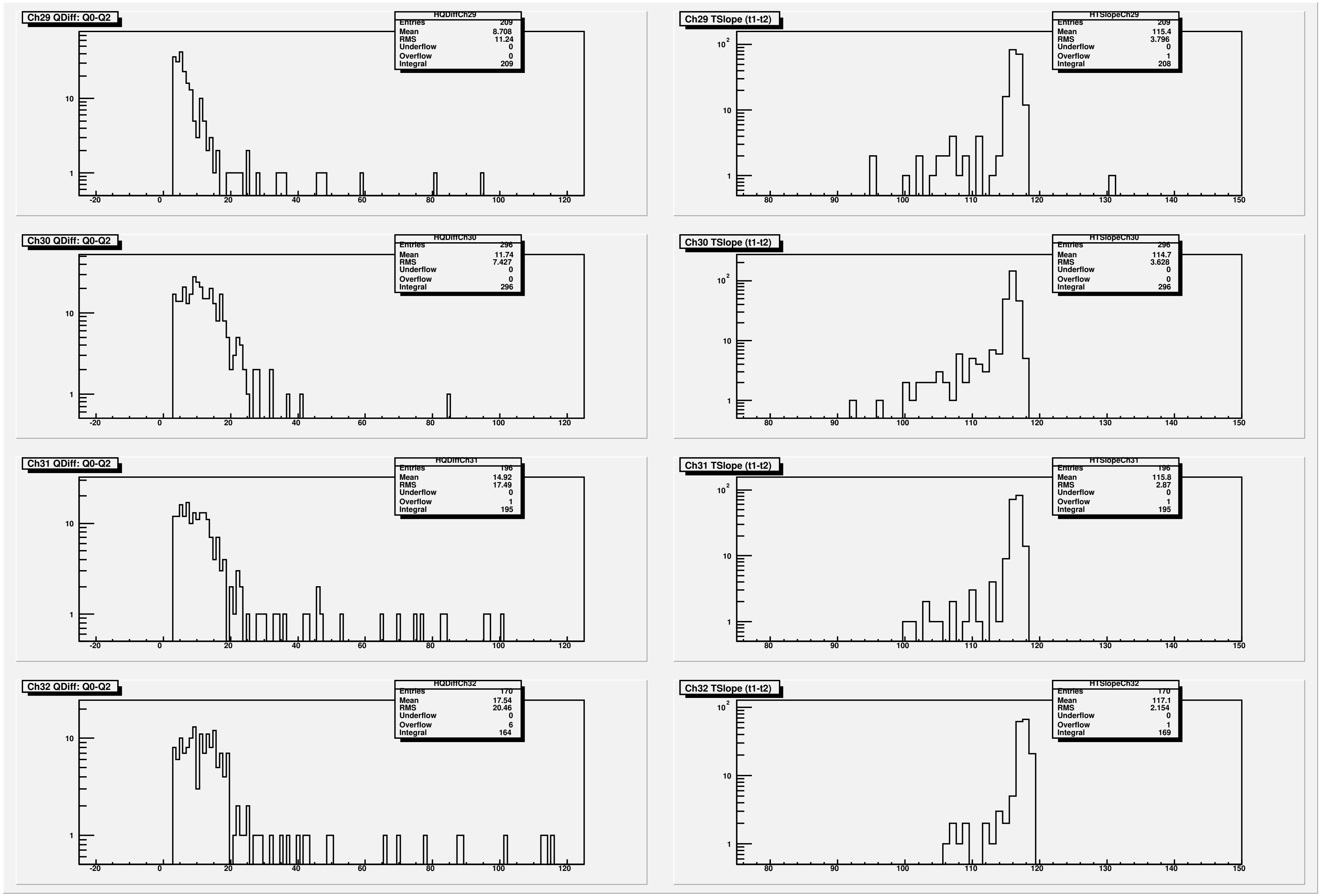


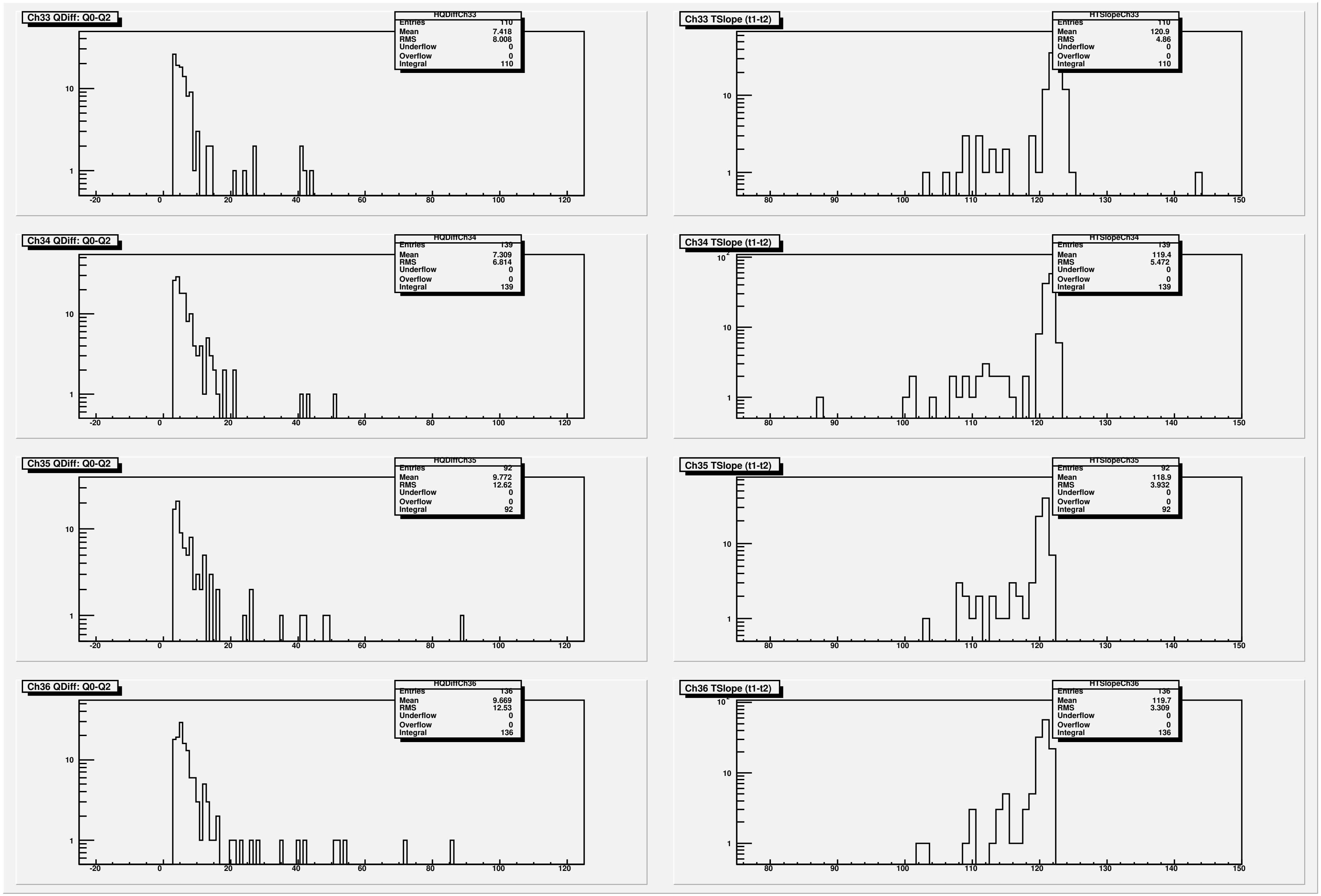
Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 172
Mean 11.58
RMS 13.65
Underflow 0
Overflow 0
Integral 172
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 172
Mean 119.8
RMS 2.864
Underflow 0
Overflow 0
Integral 172
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 130
Mean 6.131
RMS 5.999
Underflow 0
Overflow 0
Integral 130
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 130
Mean 119.4
RMS 3.733
Underflow 0
Overflow 0
Integral 130
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 194
Mean 14.6
RMS 13.32
Underflow 0
Overflow 2
Integral 192
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 194
Mean 118.8
RMS 4.442
Underflow 0
Overflow 0
Integral 194
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 115
Mean 13.61
RMS 12.61
Underflow 0
Overflow 1
Integral 114
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 115
Mean 118.5
RMS 4.167
Underflow 0
Overflow 0
Integral 115


Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 68
Mean 11.93
RMS 16.41
Underflow 0
Overflow 0
Integral 68
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 68
Mean 119.1
RMS 4.326
Underflow 0
Overflow 0
Integral 68
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 136
Mean 18.23
RMS 20.09
Underflow 0
Overflow 5
Integral 131
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 136
Mean 118.2
RMS 3.987
Underflow 0
Overflow 0
Integral 136
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 151
Mean 18.87
RMS 17.2
Underflow 0
Overflow 6
Integral 145
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 151
Mean 118.3
RMS 3.164
Underflow 0
Overflow 0
Integral 151
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 142
Mean 18.99
RMS 14.15
Underflow 0
Overflow 1
Integral 141
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 142
Mean 119.1
RMS 3.696
Underflow 0
Overflow 0
Integral 142

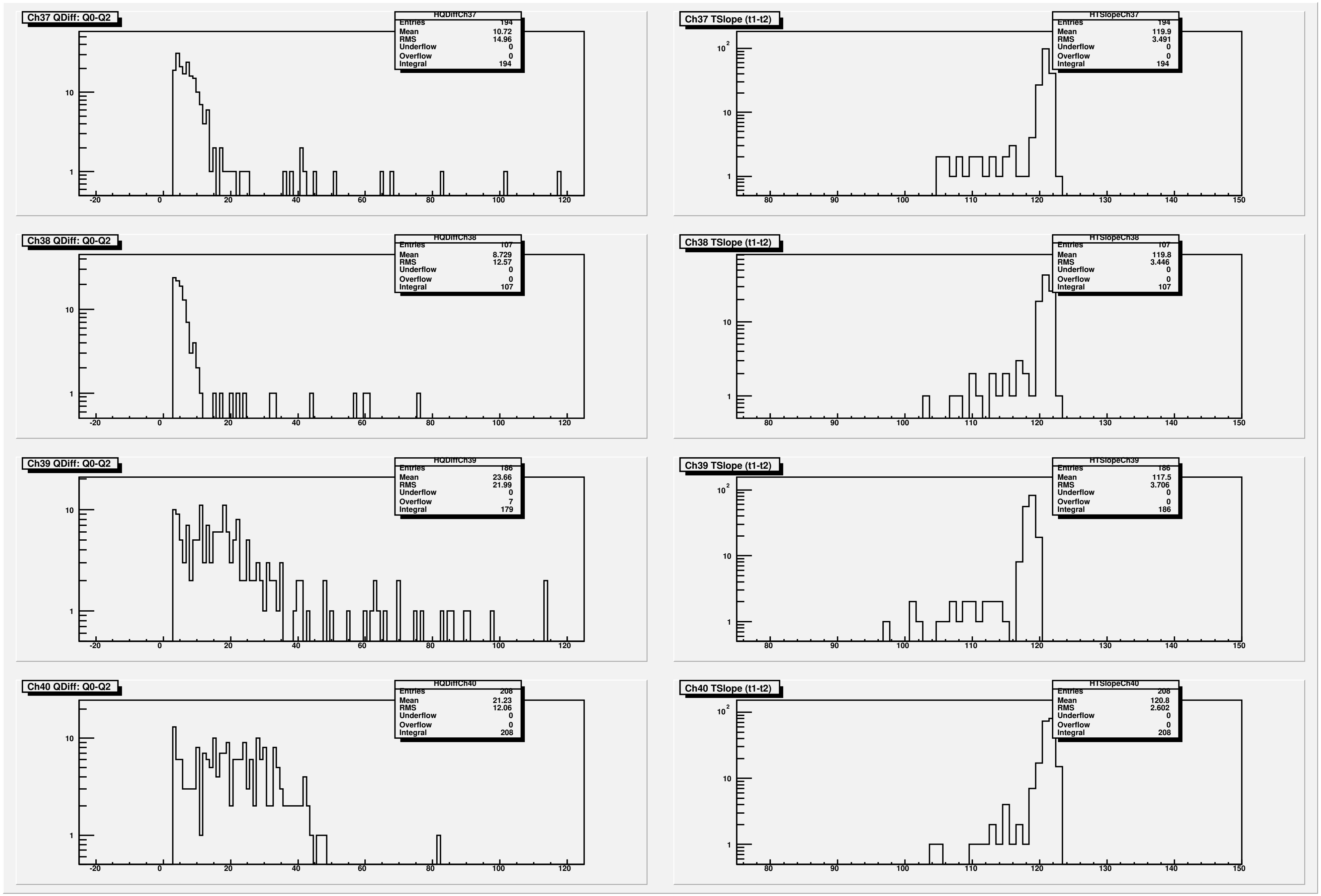


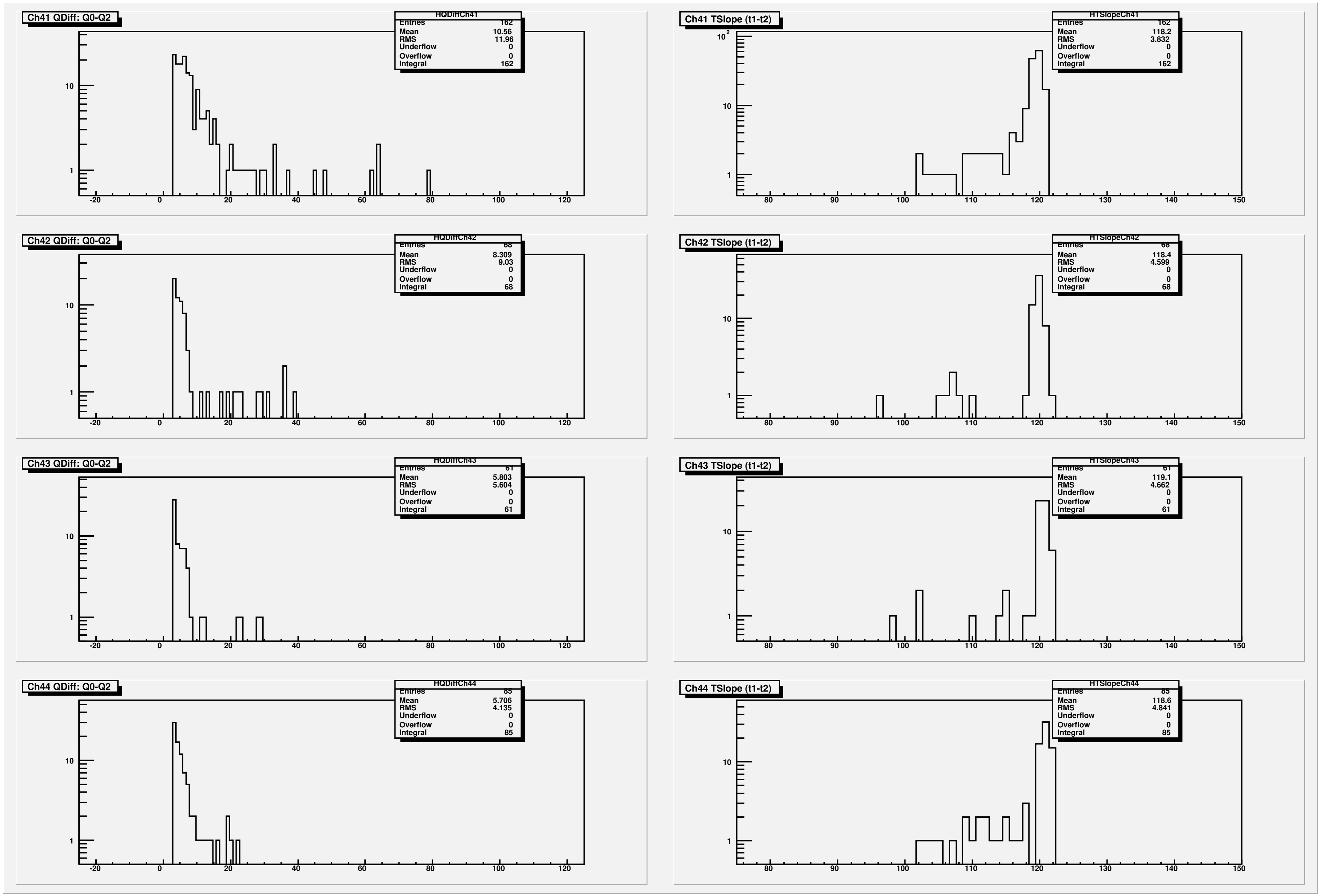
Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 12
Mean 4.583
RMS 1.977
Underflow 0
Overflow 0
Integral 12
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 12
Mean 115.5
RMS 5.393
Underflow 0
Overflow 0
Integral 12
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 314
Mean 19.44
RMS 16.67
Underflow 0
Overflow 10
Integral 304
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 314
Mean 115.9
RMS 3.527
Underflow 0
Overflow 1
Integral 313
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 189
Mean 10.19
RMS 12.4
Underflow 0
Overflow 0
Integral 189
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 189
Mean 118.3
RMS 3.314
Underflow 0
Overflow 2
Integral 187
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 327
Mean 17.09
RMS 8.576
Underflow 0
Overflow 0
Integral 327
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 327
Mean 115.5
RMS 3.482
Underflow 0
Overflow 0
Integral 327


Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 209
Mean 8.708
RMS 11.24
Underflow 0
Overflow 0
Integral 209
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 209
Mean 115.4
RMS 3.796
Underflow 0
Overflow 1
Integral 208
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 296
Mean 11.74
RMS 7.427
Underflow 0
Overflow 0
Integral 296
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 296
Mean 114.7
RMS 3.628
Underflow 0
Overflow 0
Integral 296
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 196
Mean 14.92
RMS 17.49
Underflow 0
Overflow 1
Integral 195
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 196
Mean 115.8
RMS 2.87
Underflow 0
Overflow 1
Integral 195
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 170
Mean 17.54
RMS 20.46
Underflow 0
Overflow 6
Integral 164
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 170
Mean 117.1
RMS 2.154
Underflow 0
Overflow 1
Integral 169



Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 110
Mean 7.418
RMS 8.008
Underflow 0
Overflow 0
Integral 110
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 110
Mean 120.9
RMS 4.86
Underflow 0
Overflow 0
Integral 110
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 139
Mean 7.309
RMS 6.814
Underflow 0
Overflow 0
Integral 139
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 139
Mean 119.4
RMS 5.472
Underflow 0
Overflow 0
Integral 139
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 92
Mean 9.772
RMS 12.62
Underflow 0
Overflow 0
Integral 92
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 92
Mean 118.9
RMS 3.932
Underflow 0
Overflow 0
Integral 92
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 136
Mean 9.669
RMS 12.53
Underflow 0
Overflow 0
Integral 136
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 136
Mean 119.7
RMS 3.309
Underflow 0
Overflow 0
Integral 136


Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 194
Mean 10.72
RMS 14.96
Underflow 0
Overflow 0
Integral 194
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 194
Mean 119.9
RMS 3.491
Underflow 0
Overflow 0
Integral 194
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 107
Mean 8.729
RMS 12.57
Underflow 0
Overflow 0
Integral 107
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 107
Mean 119.8
RMS 3.446
Underflow 0
Overflow 0
Integral 107
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 186
Mean 23.66
RMS 21.99
Underflow 0
Overflow 7
Integral 179
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 186
Mean 117.5
RMS 3.706
Underflow 0
Overflow 0
Integral 186
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 208
Mean 21.23
RMS 12.06
Underflow 0
Overflow 0
Integral 208
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 208
Mean 120.8
RMS 2.602
Underflow 0
Overflow 0
Integral 208



Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 162
Mean 10.56
RMS 11.96
Underflow 0
Overflow 0
Integral 162
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 162
Mean 118.2
RMS 3.832
Underflow 0
Overflow 0
Integral 162
Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 68
Mean 8.309
RMS 9.03
Underflow 0
Overflow 0
Integral 68
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 68
Mean 118.4
RMS 4.599
Underflow 0
Overflow 0
Integral 68
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 61
Mean 5.803
RMS 5.604
Underflow 0
Overflow 0
Integral 61
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 61
Mean 119.1
RMS 4.662
Underflow 0
Overflow 0
Integral 61
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 85
Mean 5.706
RMS 4.135
Underflow 0
Overflow 0
Integral 85
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 85
Mean 118.6
RMS 4.841
Underflow 0
Overflow 0
Integral 85