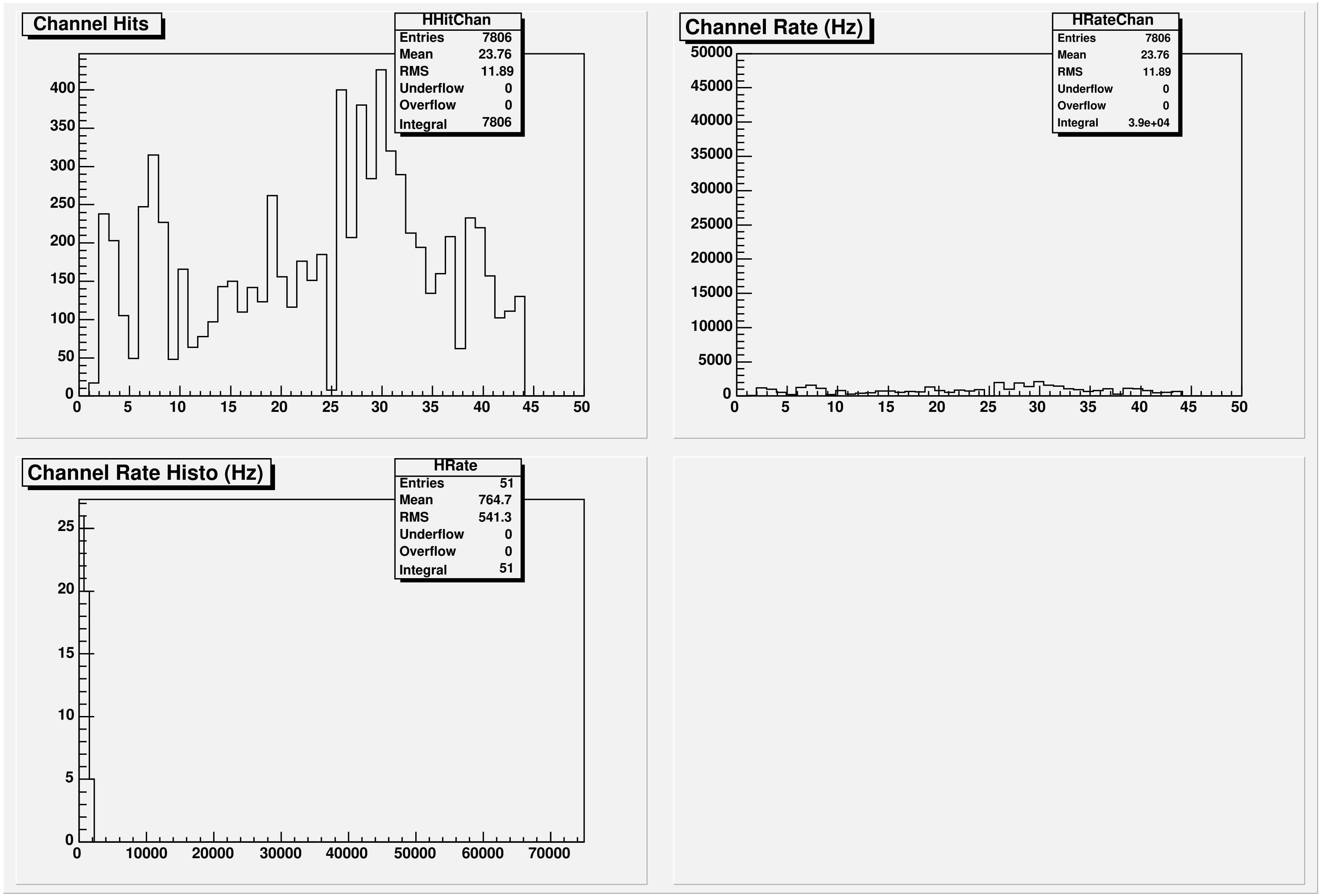
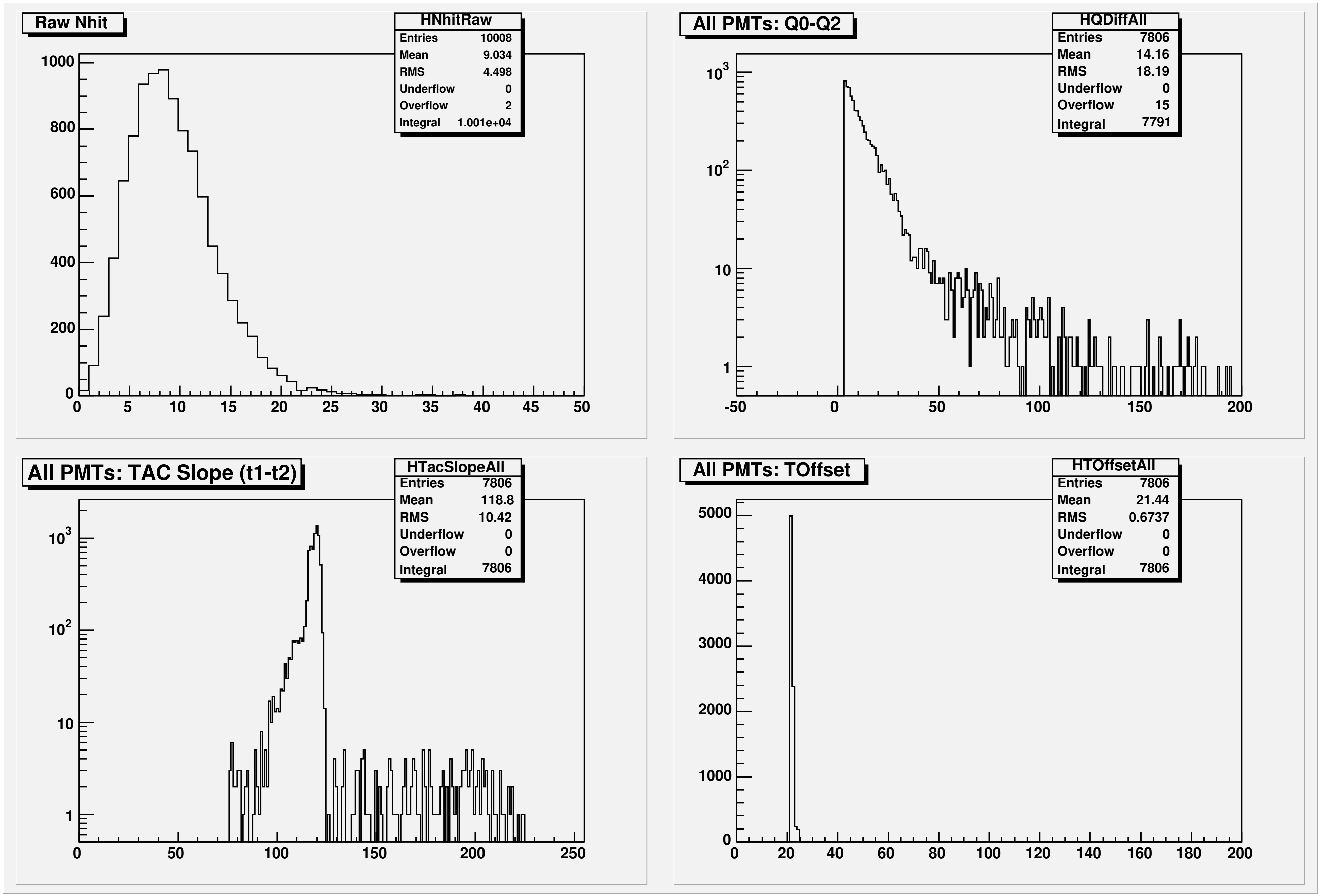
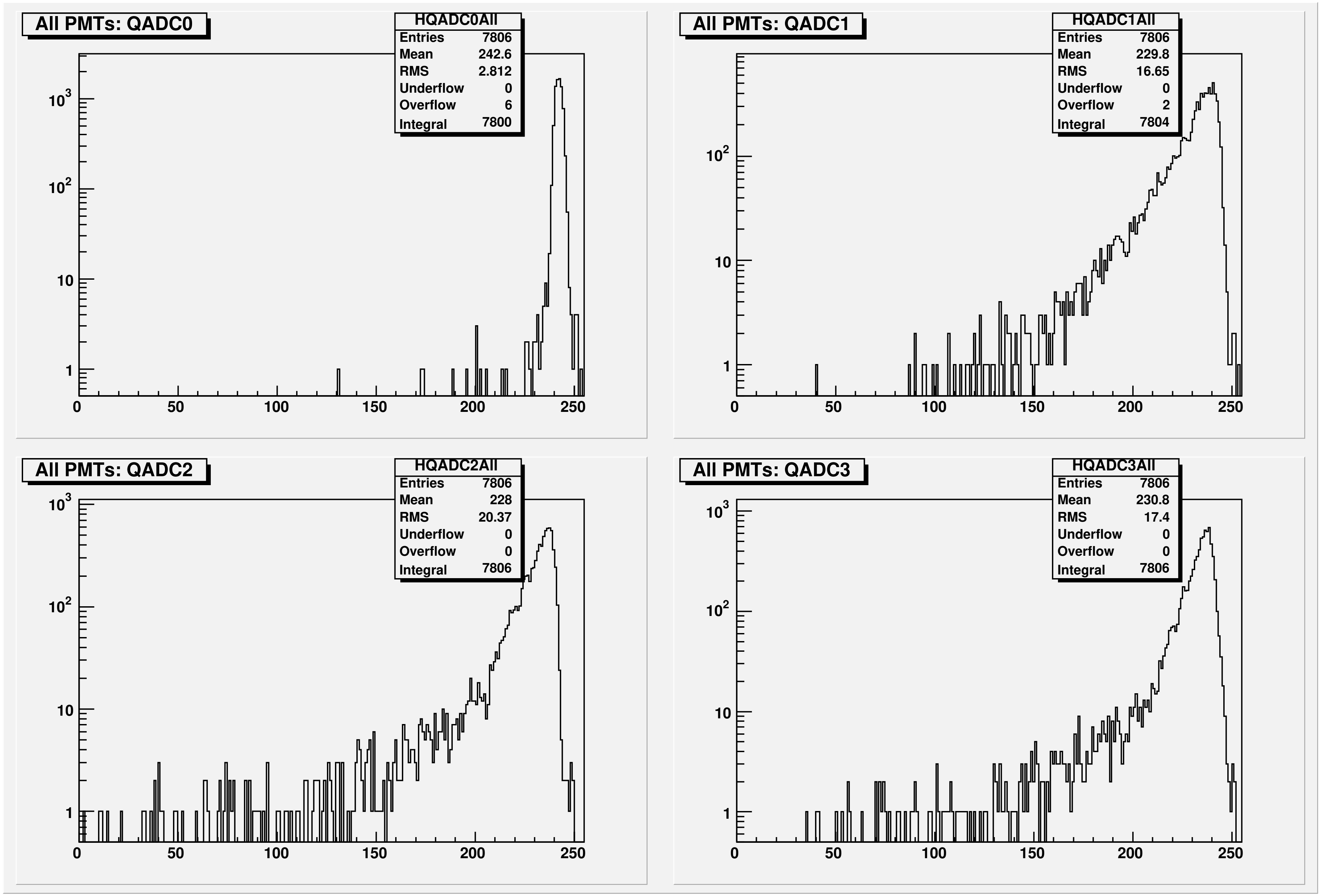
RUN: VlandUnCal Run11478 LEDTCut-QCut

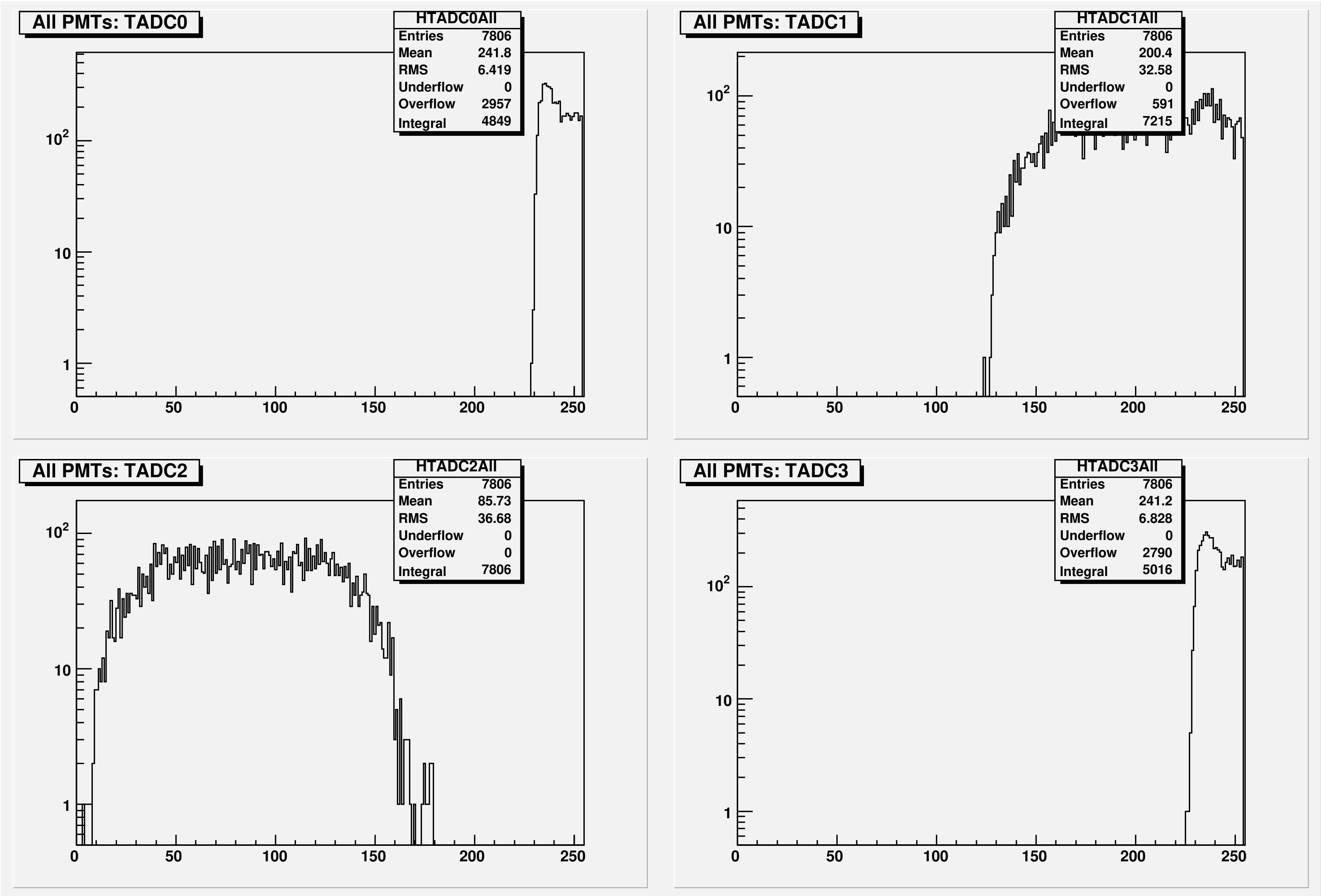

Channel Hits
HHitChan
Entries 7806
Mean 23.76
RMS 11.89
Underflow 0
Overflow 0
Integral 7806
Channel Rate (Hz)
HRateChan
Entries 7806
Mean 23.76
RMS 11.89
Underflow 0
Overflow 0
Integral 3.9e+04
Channel Rate Histo (Hz)
HRate
Entries 51
Mean 764.7
RMS 541.3
Underflow 0
Overflow 0
Integral 51



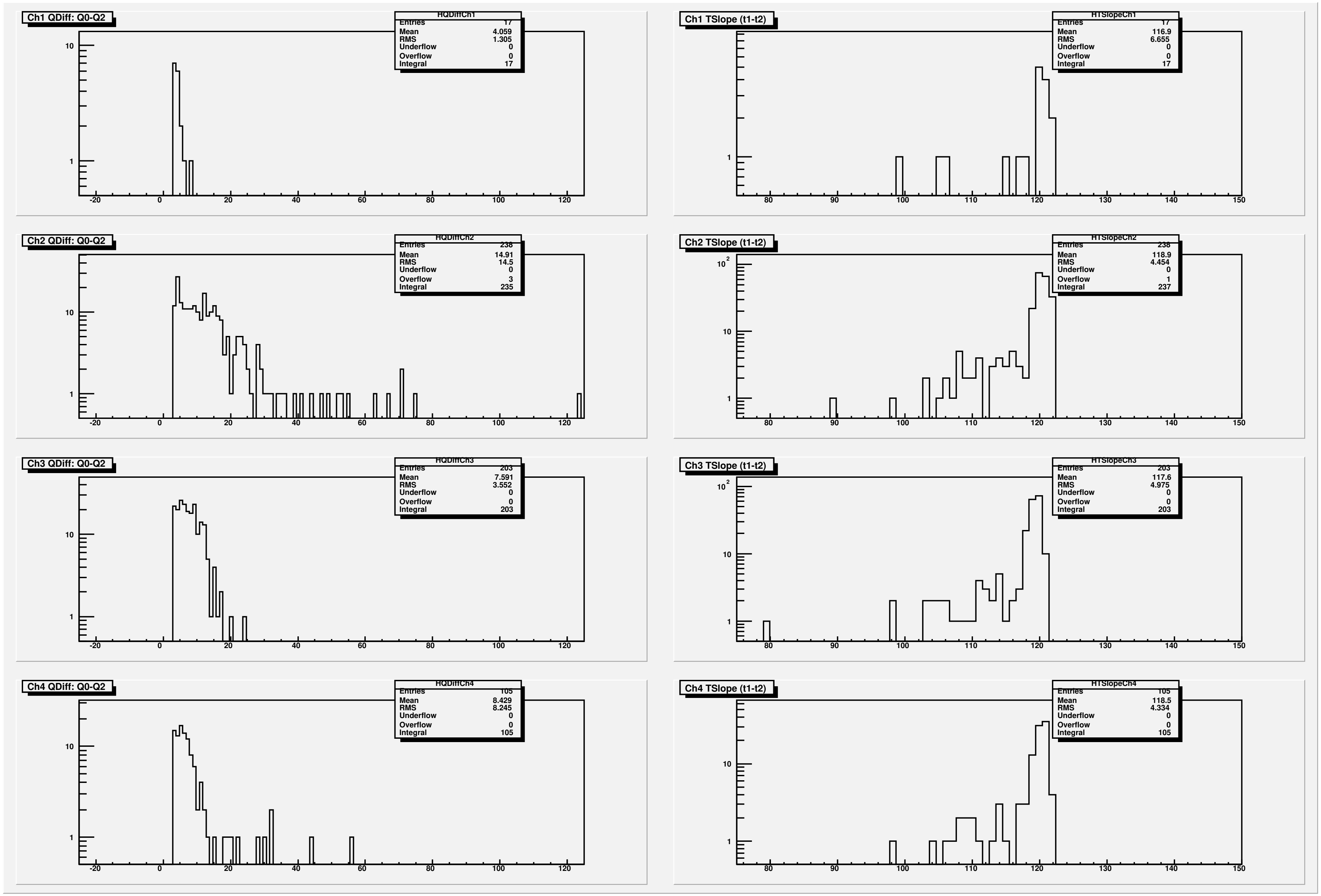
Raw Nhit
HNhitRaw
Entries 10008
Mean 9.034
RMS 4.498
Underflow 0
Overflow 2
Integral 1.001e+04
All PMTs: Q0-Q2
HQDiffAll
Entries 7806
Mean 14.16
RMS 18.19
Underflow 0
Overflow 15
Integral 7791
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 7806
Mean 118.8
RMS 10.42
Underflow 0
Overflow 0
Integral 7806
All PMTs: TOffset
HTOffsetAll
Entries 7806
Mean 21.44
RMS 0.6737
Underflow 0
Overflow 0
Integral 7806

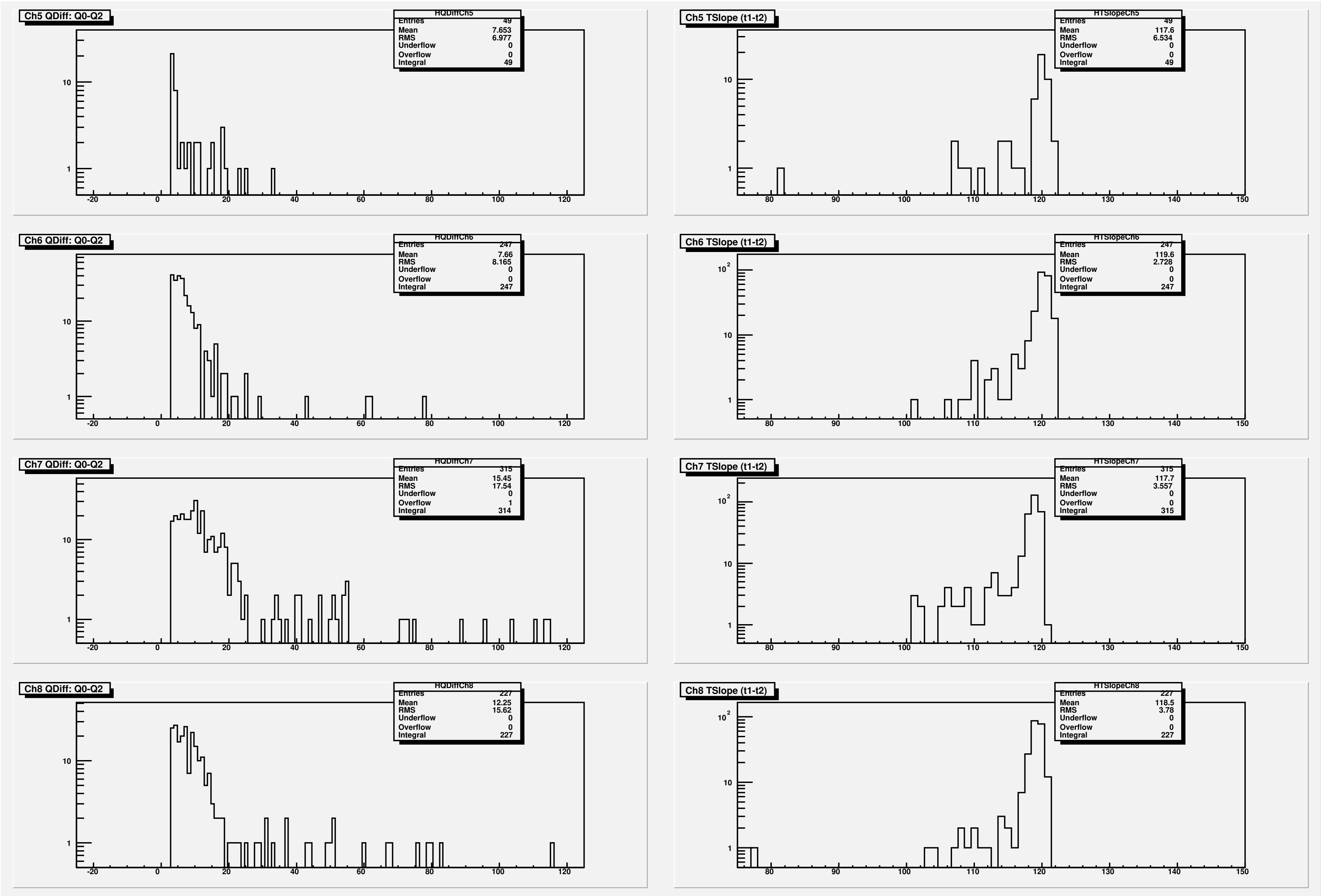


All PMTs: QADC0
HQADC0All
Entries 7806
Mean 242.6
RMS 2.812
Underflow 0
Overflow 6
Integral 7800
All PMTs: QADC1
HQADC1All
Entries 7806
Mean 229.8
RMS 16.65
Underflow 0
Overflow 2
Integral 7804
All PMTs: QADC2
HQADC2All
Entries 7806
Mean 228
RMS 20.37
Underflow 0
Overflow 0
Integral 7806
All PMTs: QADC3
HQADC3All
Entries 7806
Mean 230.8
RMS 17.4
Underflow 0
Overflow 0
Integral 7806

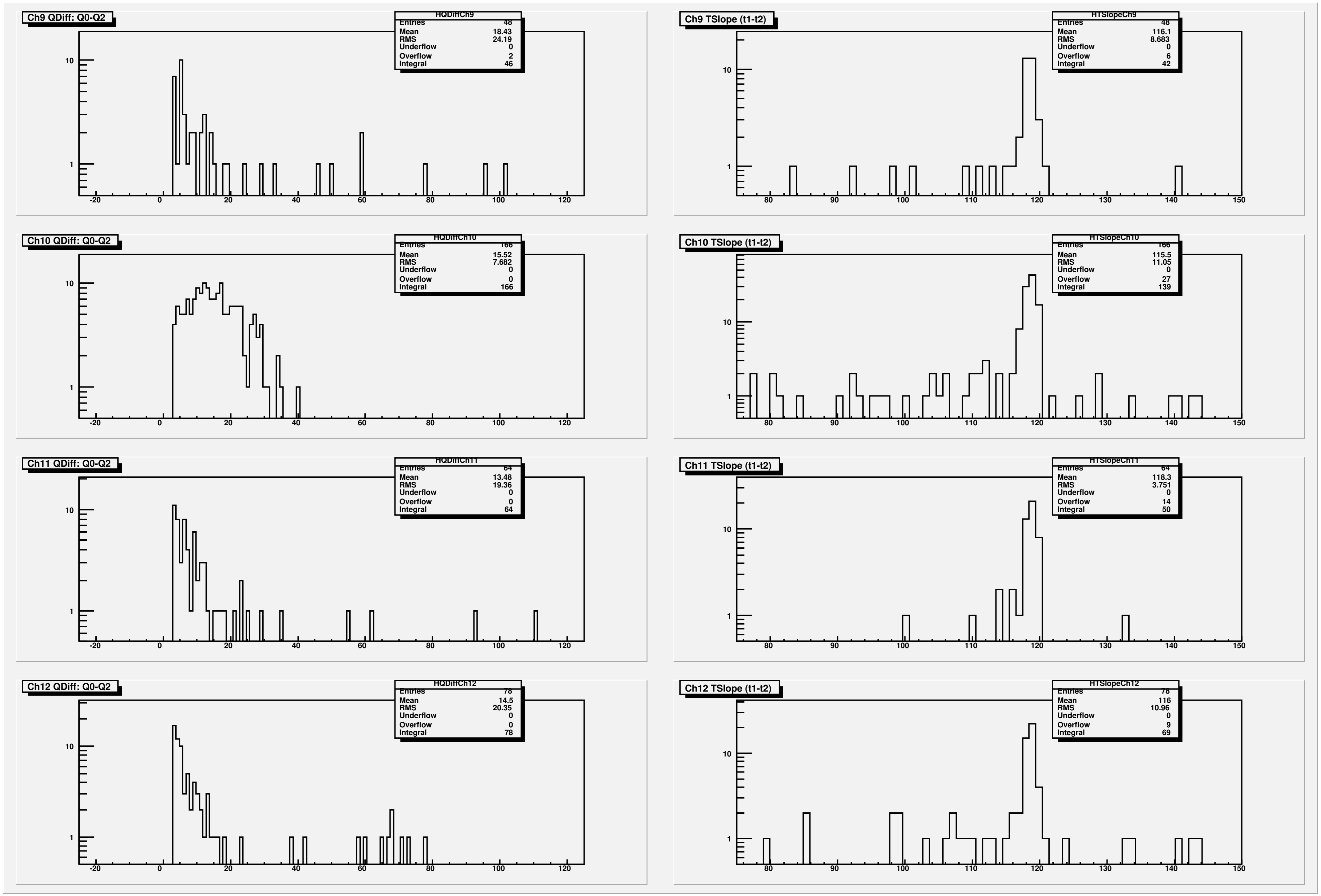


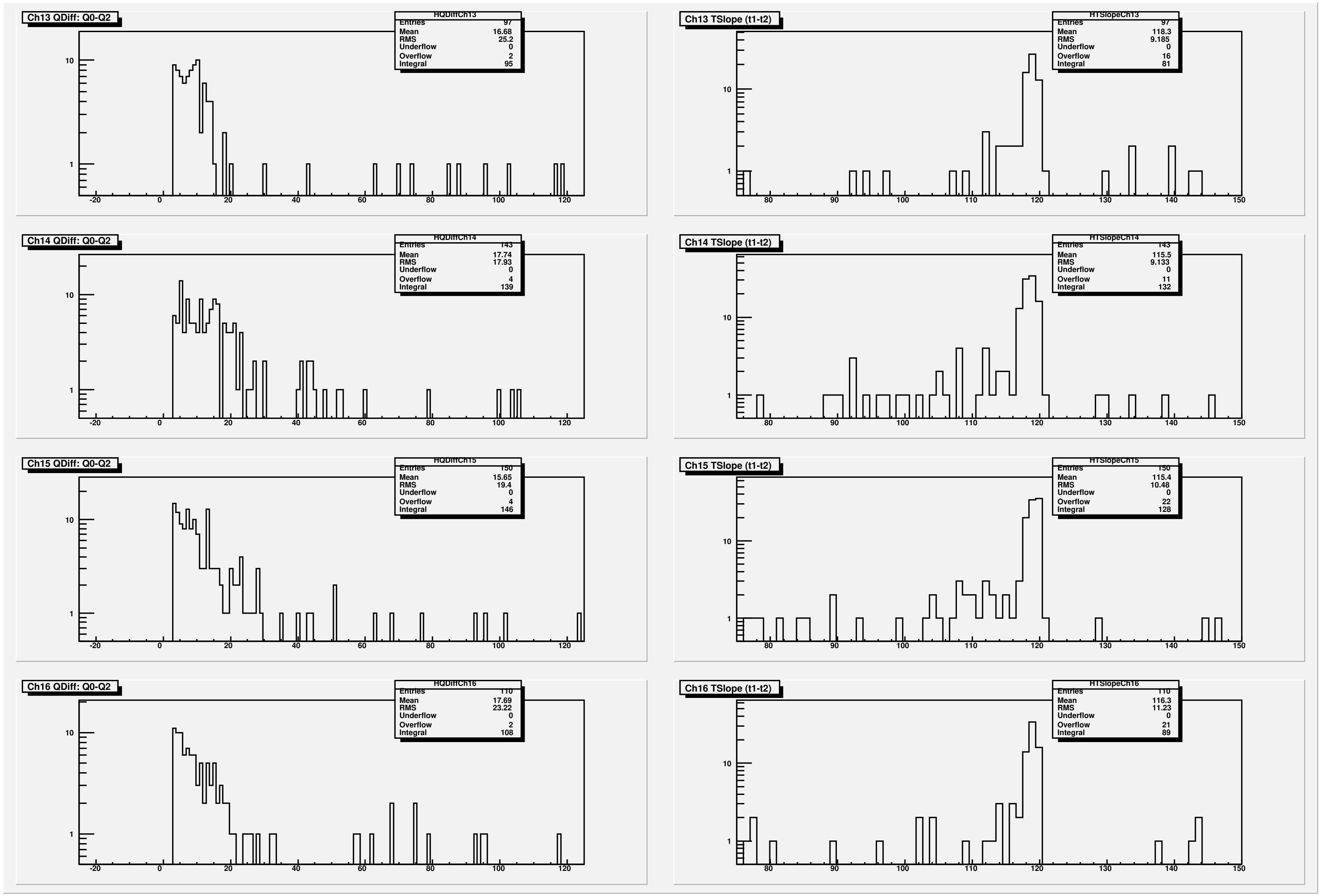
All PMTs: TADC0
HTADC0All
Entries 7806
Mean 241.8
RMS 6.419
Underflow 0
Overflow 2957
Integral 4849
1
10
10^2
0
50
100
150
200
250
All PMTs: TADC1
HTADC1All
Entries 7806
Mean 200.4
RMS 32.58
Underflow 0
Overflow 591
Integral 7215
1
10
10^2
0
50
100
150
200
250
All PMTs: TADC2
HTADC2All
Entries 7806
Mean 85.73
RMS 36.68
Underflow 0
Overflow 0
Integral 7806
1
10
10^2
0
50
100
150
200
250
All PMTs: TADC3
HTADC3All
Entries 7806
Mean 241.2
RMS 6.828
Underflow 0
Overflow 2790
Integral 5016
1
10
10^2
0
50
100
150
200
250


Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 17
Mean 4.059
RMS 1.305
Underflow 0
Overflow 0
Integral 17
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 17
Mean 116.9
RMS 6.655
Underflow 0
Overflow 0
Integral 17
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 238
Mean 14.91
RMS 14.5
Underflow 0
Overflow 3
Integral 235
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 238
Mean 118.9
RMS 4.454
Underflow 0
Overflow 1
Integral 237
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 203
Mean 7.591
RMS 3.552
Underflow 0
Overflow 0
Integral 203
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 203
Mean 117.6
RMS 4.975
Underflow 0
Overflow 0
Integral 203
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 105
Mean 8.429
RMS 8.245
Underflow 0
Overflow 0
Integral 105
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 105
Mean 118.5
RMS 4.334
Underflow 0
Overflow 0
Integral 105

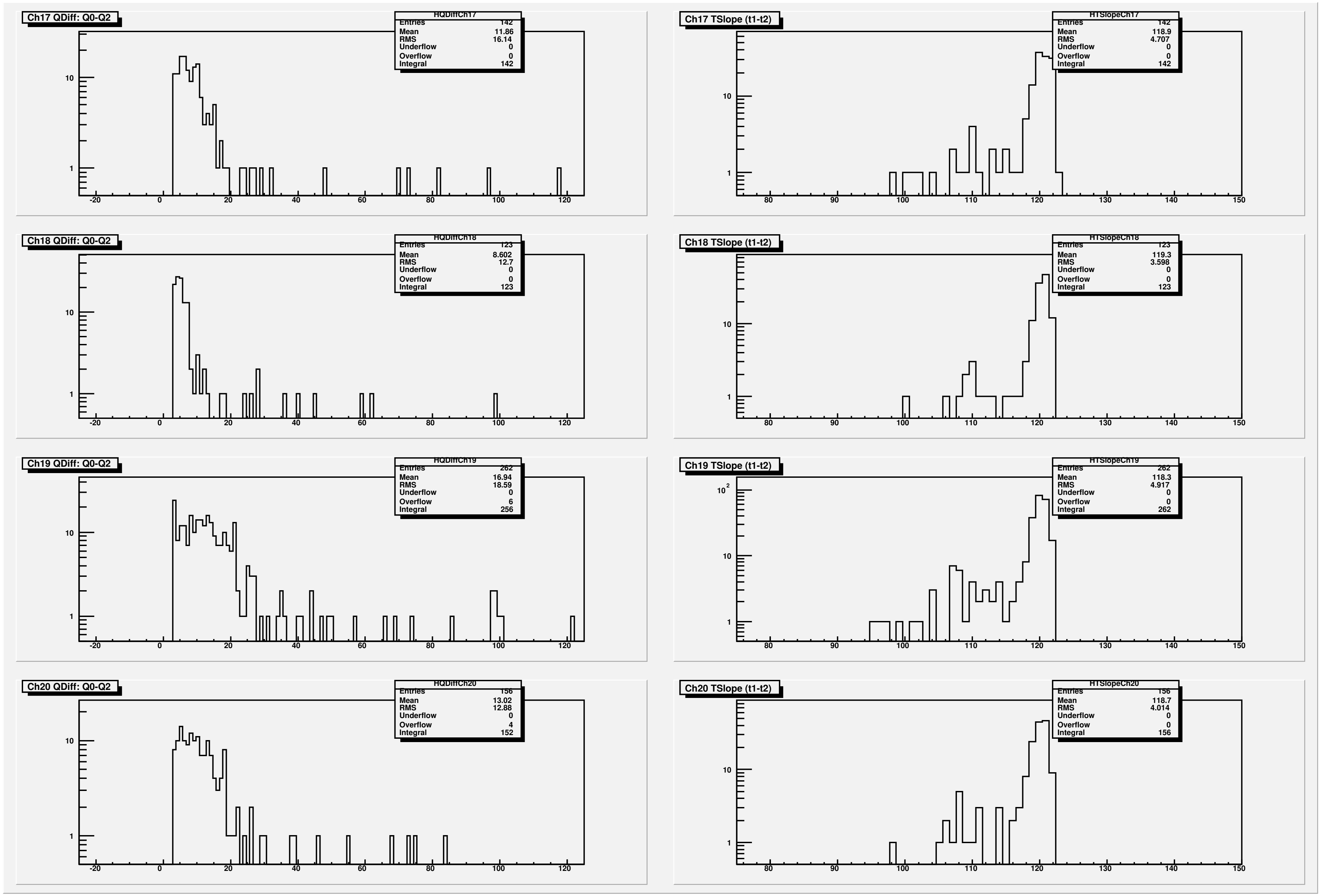


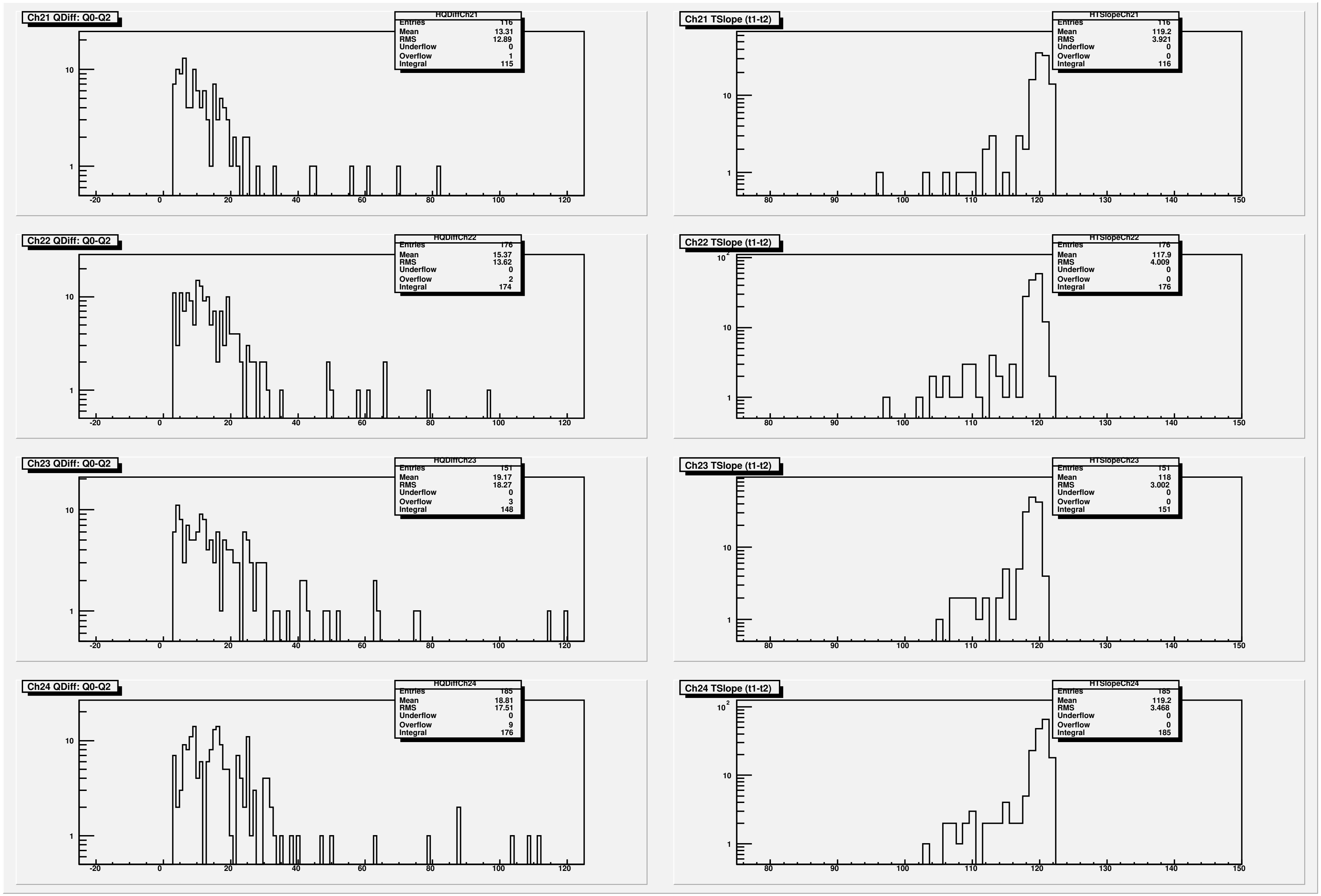
Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 49
Mean 7.653
RMS 6.977
Underflow 0
Overflow 0
Integral 49
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 49
Mean 117.6
RMS 6.534
Underflow 0
Overflow 0
Integral 49
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 247
Mean 7.66
RMS 8.165
Underflow 0
Overflow 0
Integral 247
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 247
Mean 119.6
RMS 2.728
Underflow 0
Overflow 0
Integral 247
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 315
Mean 15.45
RMS 17.54
Underflow 0
Overflow 1
Integral 314
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 315
Mean 117.7
RMS 3.557
Underflow 0
Overflow 0
Integral 315
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 227
Mean 12.25
RMS 15.62
Underflow 0
Overflow 0
Integral 227
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 227
Mean 118.5
RMS 3.78
Underflow 0
Overflow 0
Integral 227

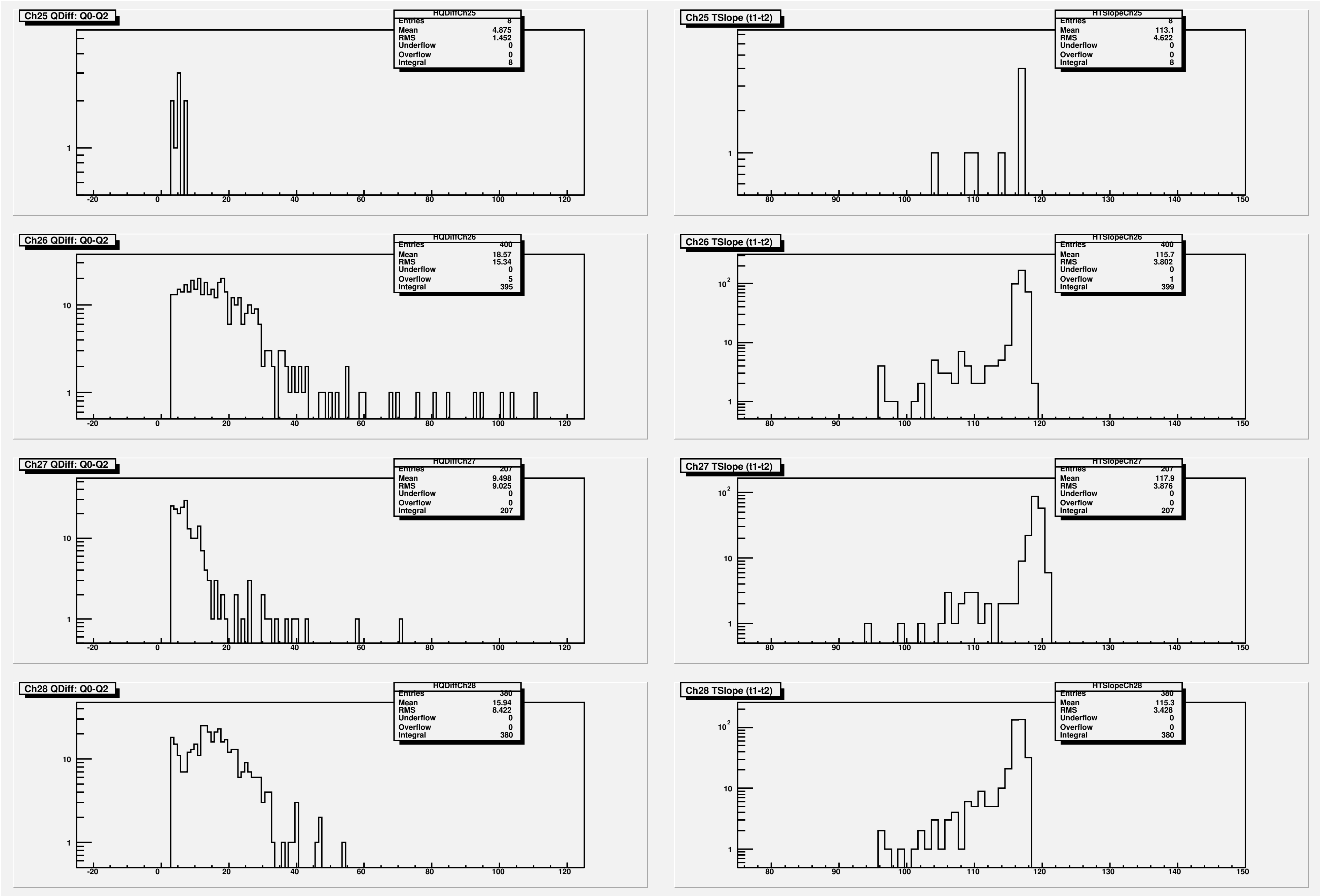

Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 48
Mean 18.43
RMS 24.19
Underflow 0
Overflow 2
Integral 46
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 48
Mean 116.1
RMS 8.683
Underflow 0
Overflow 6
Integral 42
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 166
Mean 15.52
RMS 7.682
Underflow 0
Overflow 0
Integral 166
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 166
Mean 115.5
RMS 11.05
Underflow 0
Overflow 27
Integral 139
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 64
Mean 13.48
RMS 19.36
Underflow 0
Overflow 0
Integral 64
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 64
Mean 118.3
RMS 3.751
Underflow 0
Overflow 14
Integral 50
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 78
Mean 14.5
RMS 20.35
Underflow 0
Overflow 0
Integral 78
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 78
Mean 116
RMS 10.96
Underflow 0
Overflow 9
Integral 69
-20 0 20 40 60 80 100 120
80 90 100 110 120 130 140 150
1 10



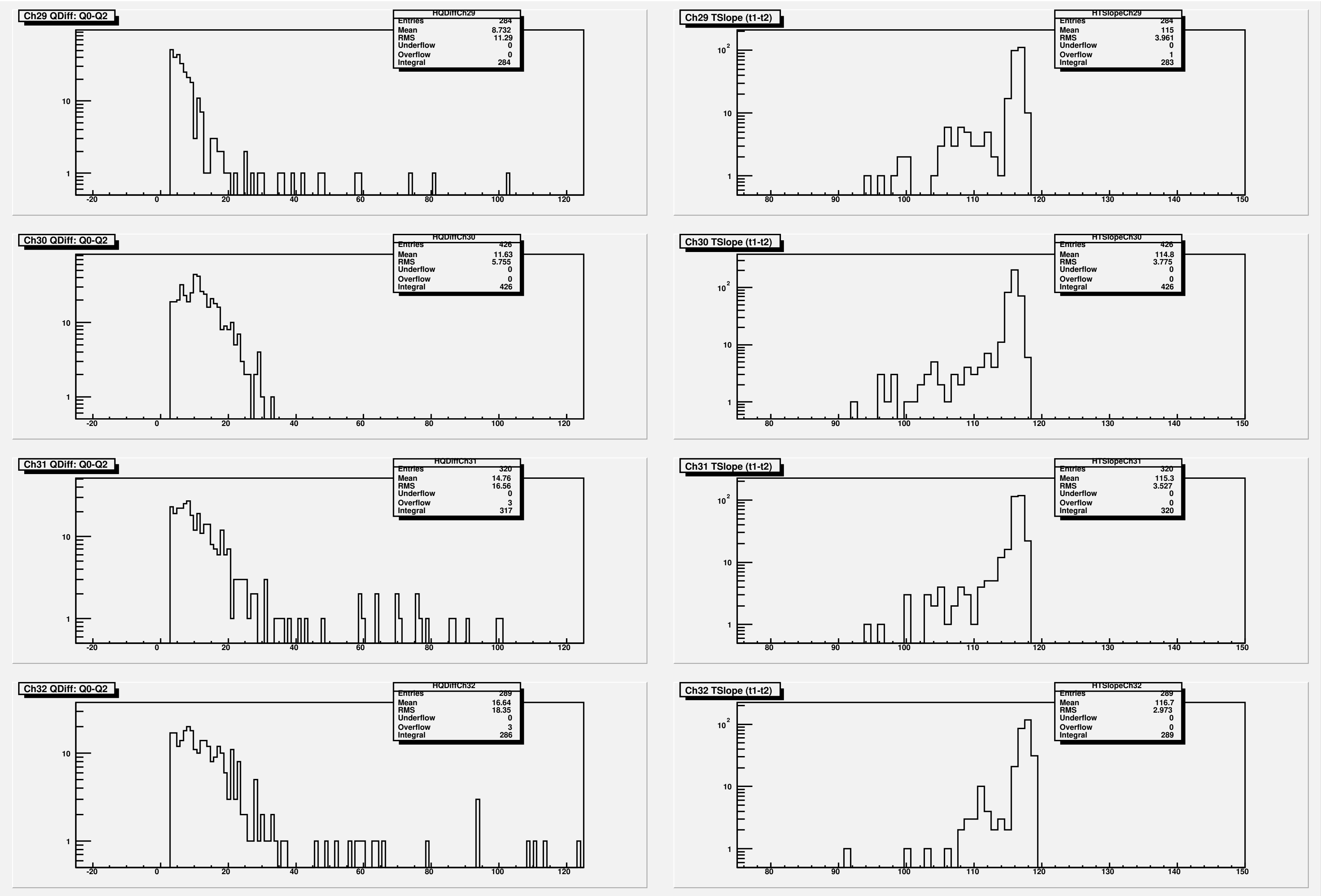
Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 97
Mean 16.68
RMS 25.2
Underflow 0
Overflow 2
Integral 95
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 97
Mean 118.3
RMS 9.185
Underflow 0
Overflow 16
Integral 81
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 143
Mean 17.74
RMS 17.93
Underflow 0
Overflow 4
Integral 139
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 143
Mean 115.5
RMS 9.133
Underflow 0
Overflow 11
Integral 132
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 150
Mean 15.65
RMS 19.4
Underflow 0
Overflow 4
Integral 146
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 150
Mean 115.4
RMS 10.48
Underflow 0
Overflow 22
Integral 128
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 110
Mean 17.69
RMS 23.22
Underflow 0
Overflow 2
Integral 108
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 110
Mean 116.3
RMS 11.23
Underflow 0
Overflow 21
Integral 89


Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 142
Mean 11.86
RMS 16.14
Underflow 0
Overflow 0
Integral 142
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 142
Mean 118.9
RMS 4.707
Underflow 0
Overflow 0
Integral 142
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 123
Mean 8.602
RMS 12.7
Underflow 0
Overflow 0
Integral 123
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 123
Mean 119.3
RMS 3.598
Underflow 0
Overflow 0
Integral 123
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 262
Mean 16.94
RMS 18.59
Underflow 0
Overflow 6
Integral 256
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 262
Mean 118.3
RMS 4.917
Underflow 0
Overflow 0
Integral 262
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 156
Mean 13.02
RMS 12.88
Underflow 0
Overflow 4
Integral 152
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 156
Mean 118.7
RMS 4.014
Underflow 0
Overflow 0
Integral 156

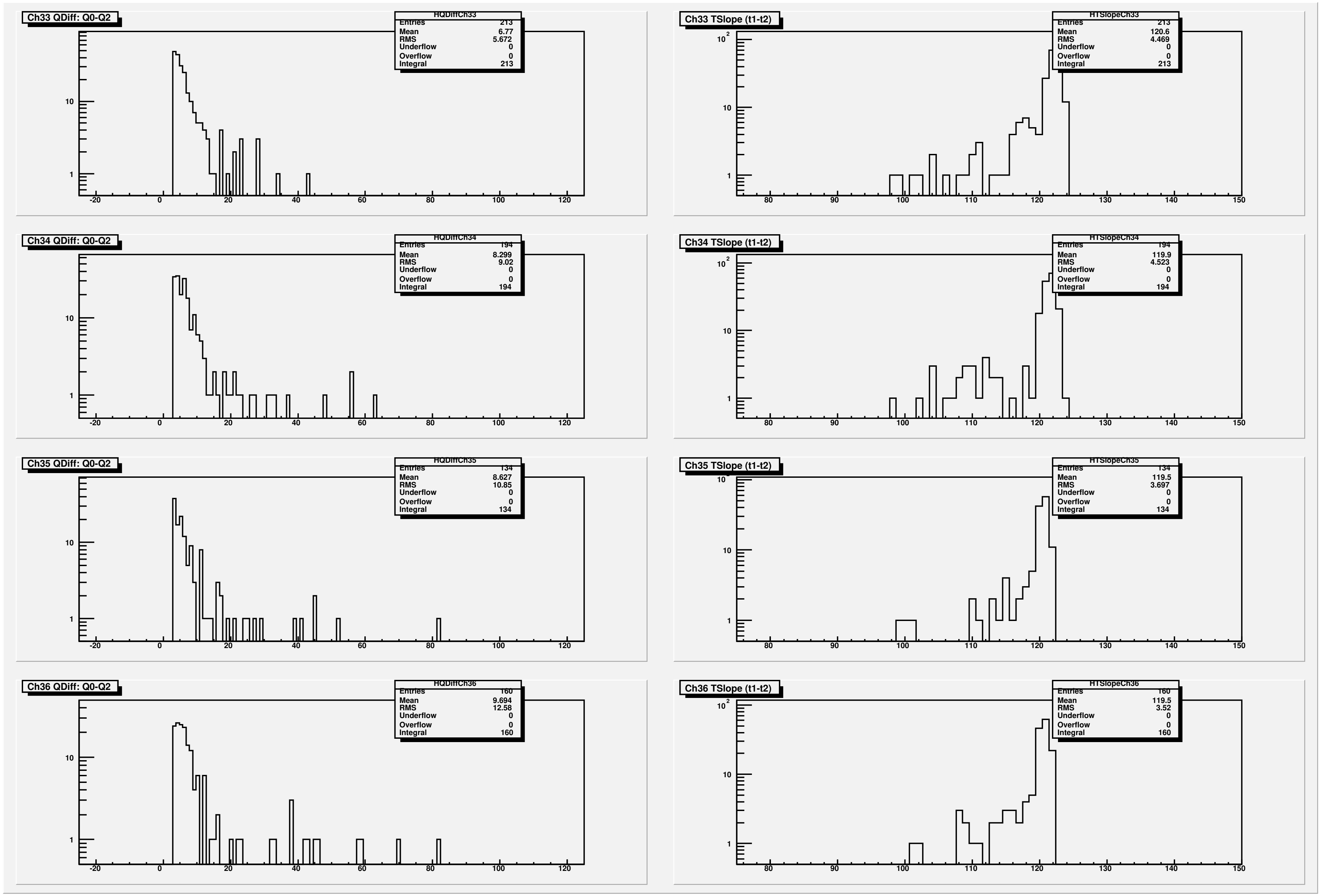

Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 116
Mean 13.31
RMS 12.89
Underflow 0
Overflow 1
Integral 115
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 116
Mean 119.2
RMS 3.921
Underflow 0
Overflow 0
Integral 116
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 176
Mean 15.37
RMS 13.62
Underflow 0
Overflow 2
Integral 174
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 176
Mean 117.9
RMS 4.009
Underflow 0
Overflow 0
Integral 176
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 151
Mean 19.17
RMS 18.27
Underflow 0
Overflow 3
Integral 148
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 151
Mean 118
RMS 3.002
Underflow 0
Overflow 0
Integral 151
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 185
Mean 18.81
RMS 17.51
Underflow 0
Overflow 9
Integral 176
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 185
Mean 119.2
RMS 3.468
Underflow 0
Overflow 0
Integral 185



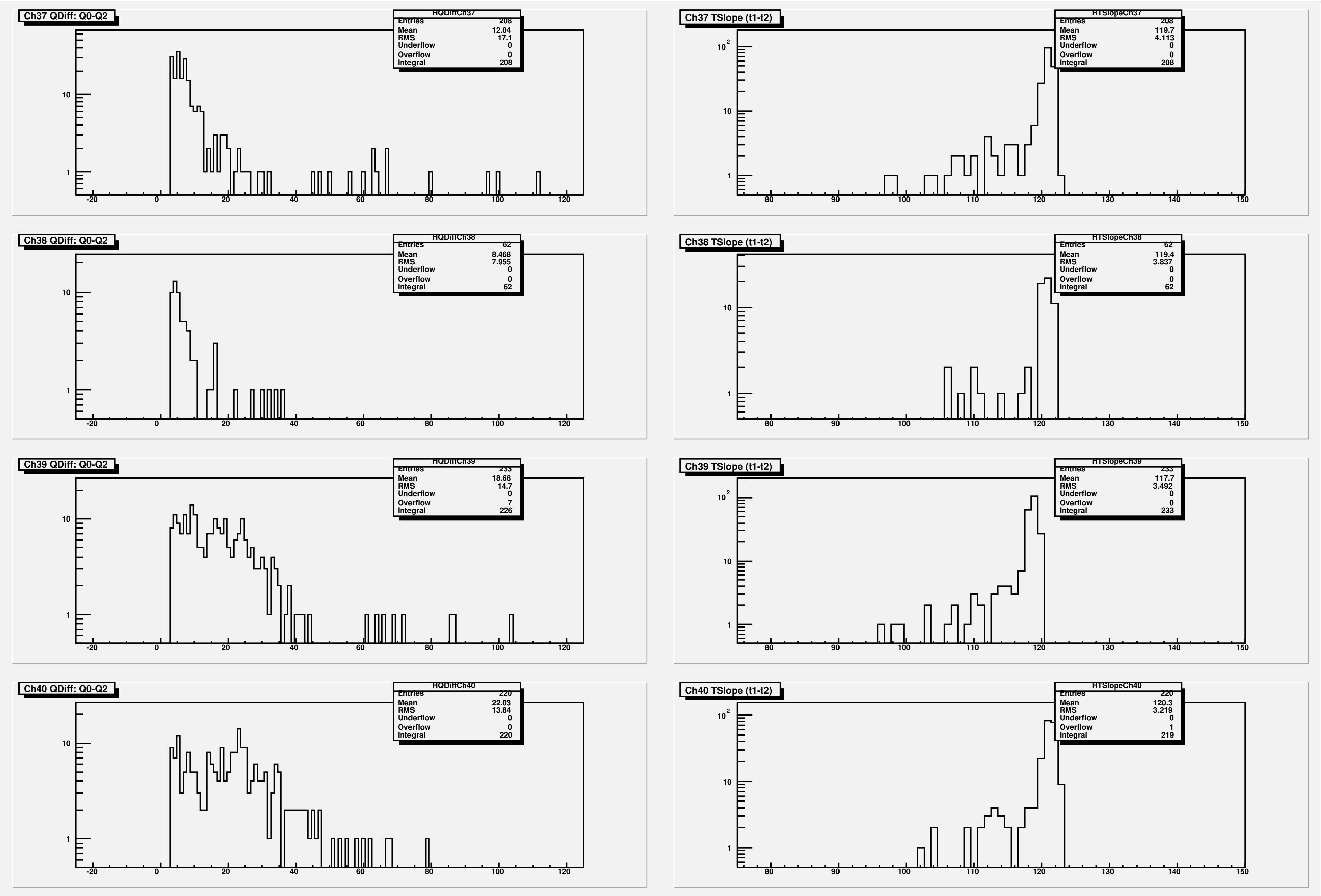
Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 8
Mean 4.875
RMS 1.452
Underflow 0
Overflow 0
Integral 8
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 8
Mean 113.1
RMS 4.622
Underflow 0
Overflow 0
Integral 8
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 400
Mean 18.57
RMS 15.34
Underflow 0
Overflow 5
Integral 395
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 400
Mean 115.7
RMS 3.802
Underflow 0
Overflow 1
Integral 399
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 207
Mean 9.498
RMS 9.025
Underflow 0
Overflow 0
Integral 207
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 207
Mean 117.9
RMS 3.876
Underflow 0
Overflow 0
Integral 207
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 380
Mean 15.94
RMS 8.422
Underflow 0
Overflow 0
Integral 380
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 380
Mean 115.3
RMS 3.428
Underflow 0
Overflow 0
Integral 380
-20 0 20 40 60 80 100 120
80 90 100 110 120 130 140 150
1 10 10^2

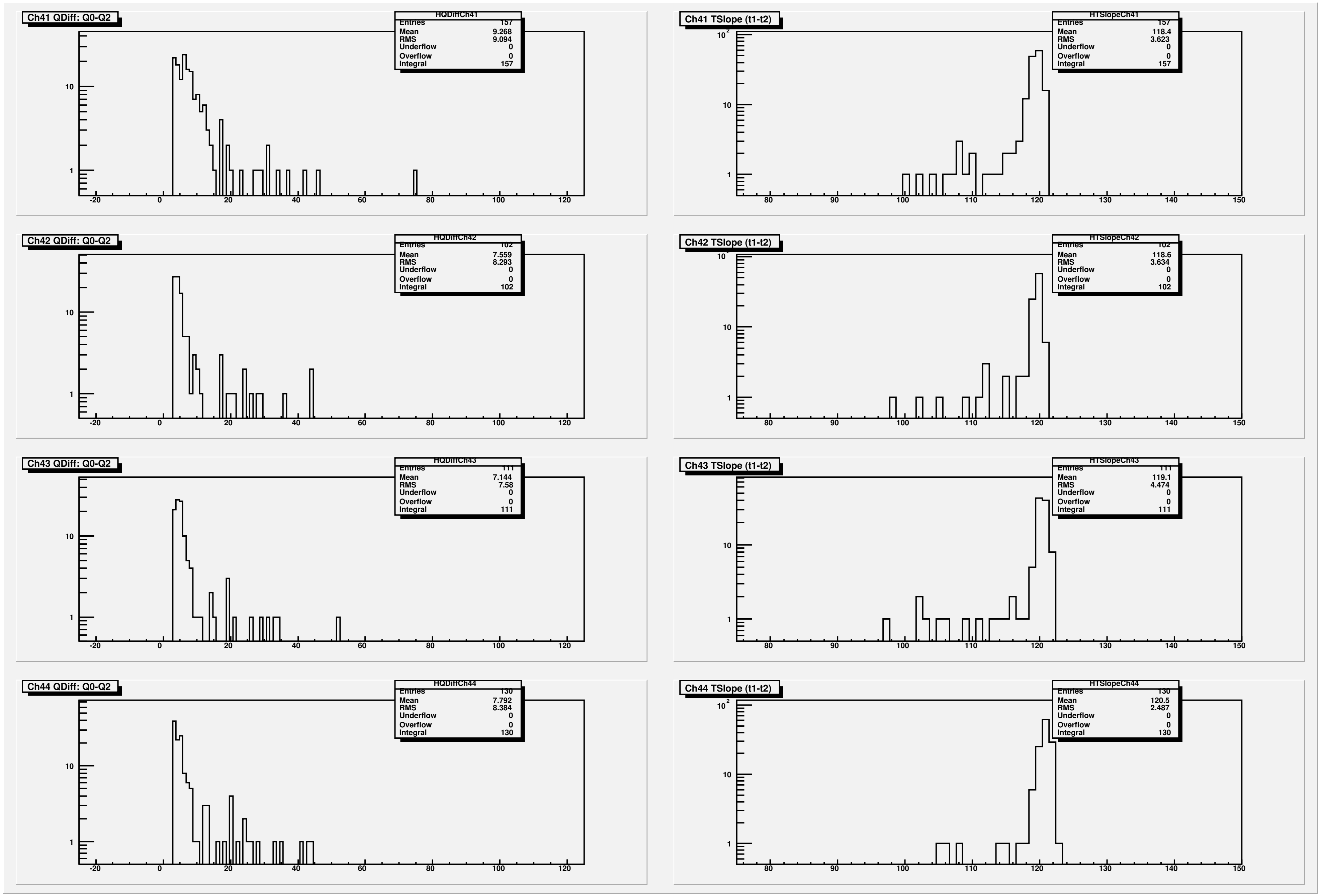


Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 284
Mean 8.732
RMS 11.29
Underflow 0
Overflow 0
Integral 284
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 284
Mean 115
RMS 3.961
Underflow 0
Overflow 1
Integral 283
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 426
Mean 11.63
RMS 5.755
Underflow 0
Overflow 0
Integral 426
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 426
Mean 114.8
RMS 3.775
Underflow 0
Overflow 0
Integral 426
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 320
Mean 14.76
RMS 16.56
Underflow 0
Overflow 3
Integral 317
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 320
Mean 115.3
RMS 3.527
Underflow 0
Overflow 0
Integral 320
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 289
Mean 16.64
RMS 18.35
Underflow 0
Overflow 3
Integral 286
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 289
Mean 116.7
RMS 2.973
Underflow 0
Overflow 0
Integral 289



Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 213
Mean 6.77
RMS 5.672
Underflow 0
Overflow 0
Integral 213
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 213
Mean 120.6
RMS 4.469
Underflow 0
Overflow 0
Integral 213
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 194
Mean 8.299
RMS 9.02
Underflow 0
Overflow 0
Integral 194
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 194
Mean 119.9
RMS 4.523
Underflow 0
Overflow 0
Integral 194
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 134
Mean 8.627
RMS 10.85
Underflow 0
Overflow 0
Integral 134
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 134
Mean 119.5
RMS 3.697
Underflow 0
Overflow 0
Integral 134
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 160
Mean 9.694
RMS 12.58
Underflow 0
Overflow 0
Integral 160
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 160
Mean 119.5
RMS 3.52
Underflow 0
Overflow 0
Integral 160


Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 208
Mean 12.04
RMS 17.1
Underflow 0
Overflow 0
Integral 208
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 208
Mean 119.7
RMS 4.113
Underflow 0
Overflow 0
Integral 208
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 62
Mean 8.468
RMS 7.955
Underflow 0
Overflow 0
Integral 62
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 62
Mean 119.4
RMS 3.837
Underflow 0
Overflow 0
Integral 62
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 233
Mean 18.68
RMS 14.7
Underflow 0
Overflow 7
Integral 226
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 233
Mean 117.7
RMS 3.492
Underflow 0
Overflow 0
Integral 233
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 220
Mean 22.03
RMS 13.84
Underflow 0
Overflow 0
Integral 220
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 220
Mean 120.3
RMS 3.219
Underflow 0
Overflow 1
Integral 219



Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 157
Mean 9.268
RMS 9.094
Underflow 0
Overflow 0
Integral 157
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 157
Mean 118.4
RMS 3.623
Underflow 0
Overflow 0
Integral 157
Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 102
Mean 7.559
RMS 8.293
Underflow 0
Overflow 0
Integral 102
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 102
Mean 118.6
RMS 3.634
Underflow 0
Overflow 0
Integral 102
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 111
Mean 7.144
RMS 7.58
Underflow 0
Overflow 0
Integral 111
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 111
Mean 119.1
RMS 4.474
Underflow 0
Overflow 0
Integral 111
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 130
Mean 7.792
RMS 8.384
Underflow 0
Overflow 0
Integral 130
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 130
Mean 120.5
RMS 2.487
Underflow 0
Overflow 0
Integral 130