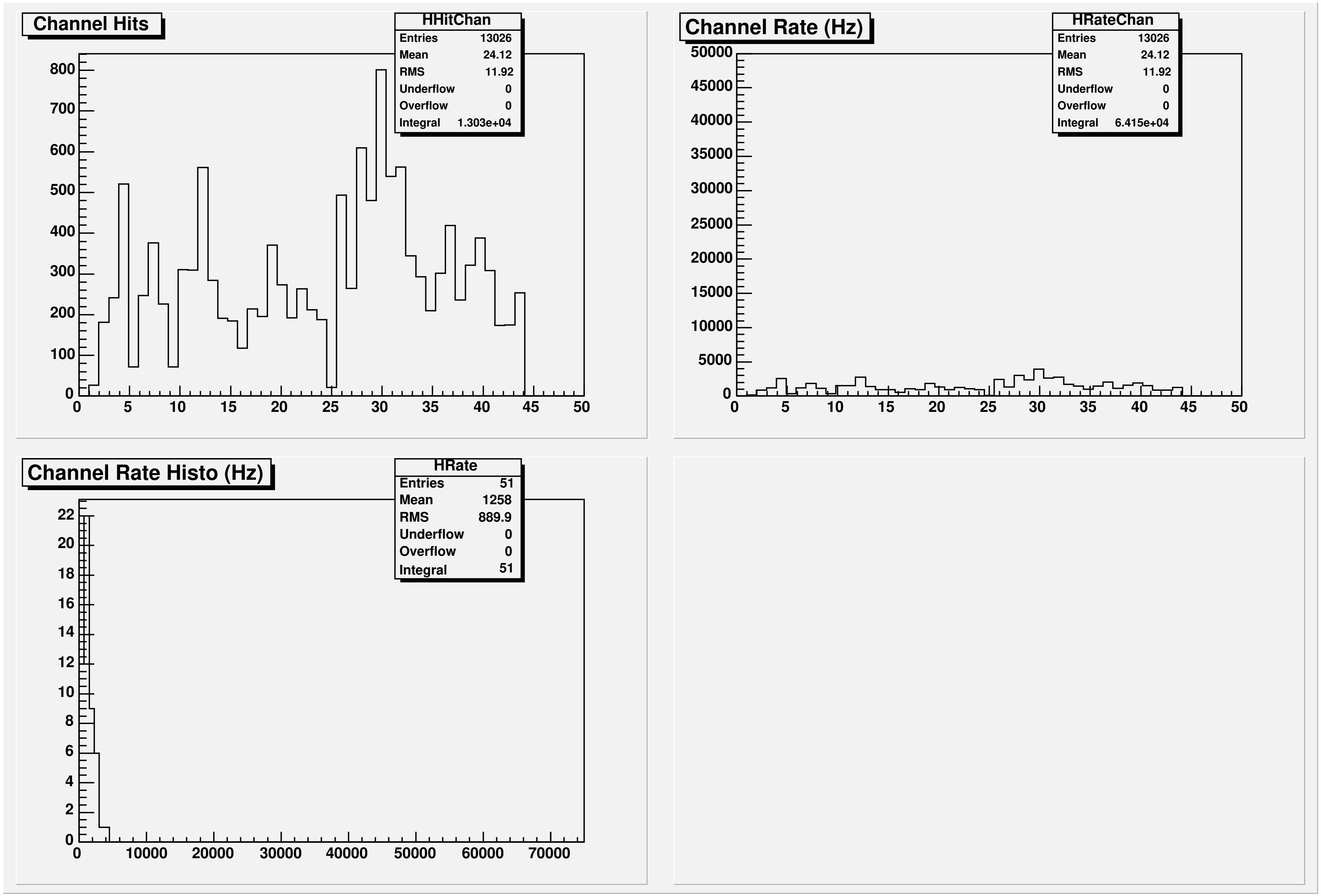
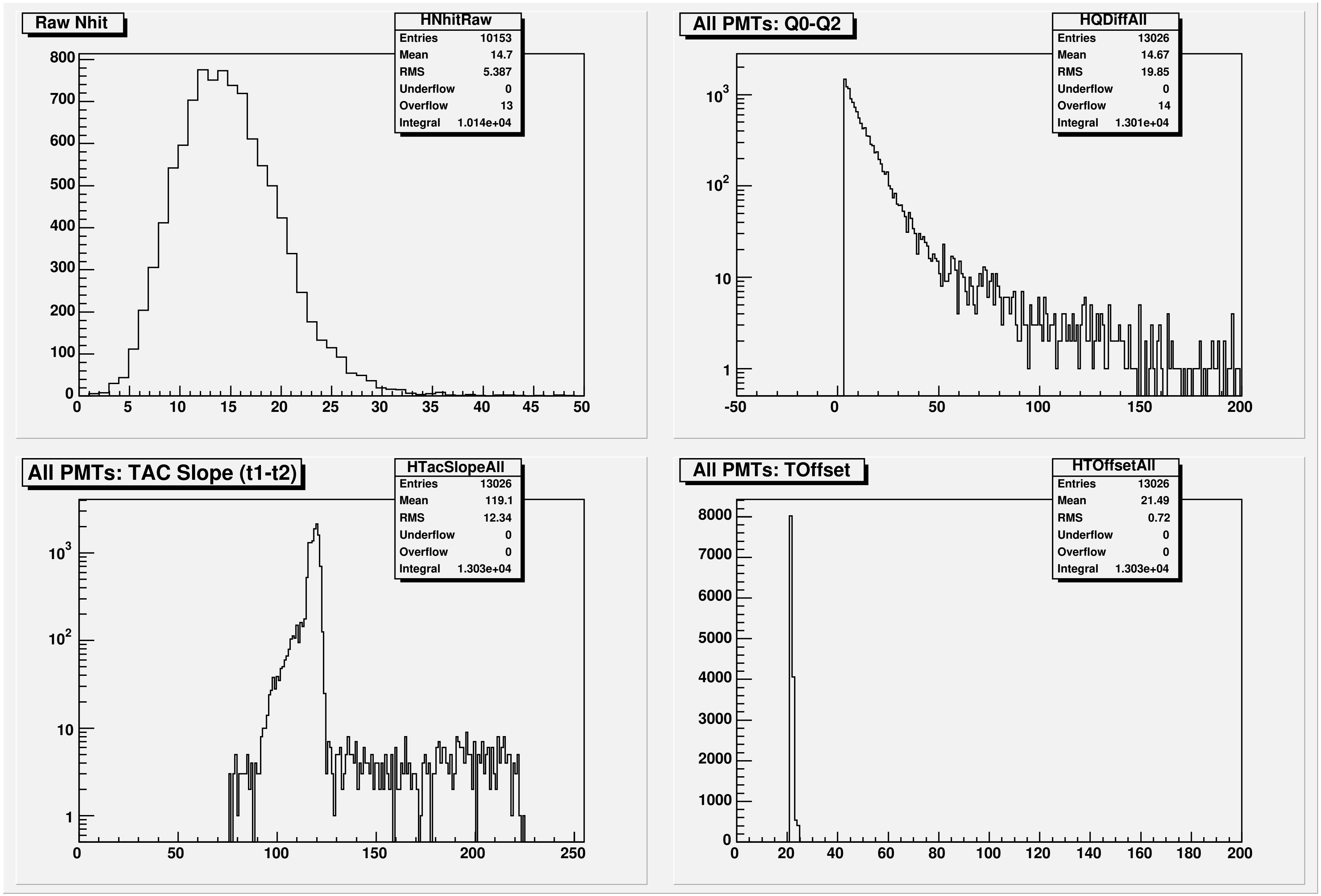
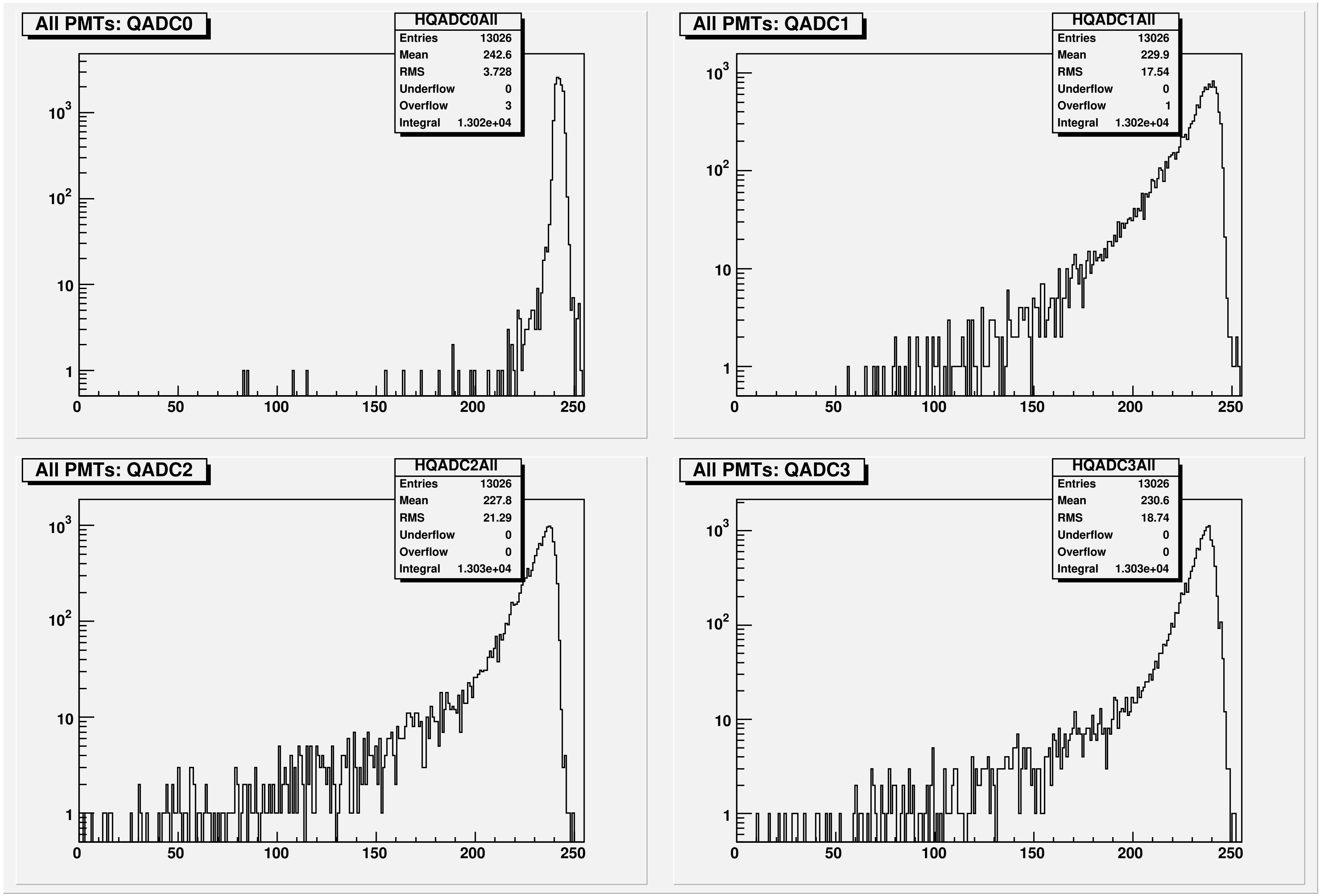
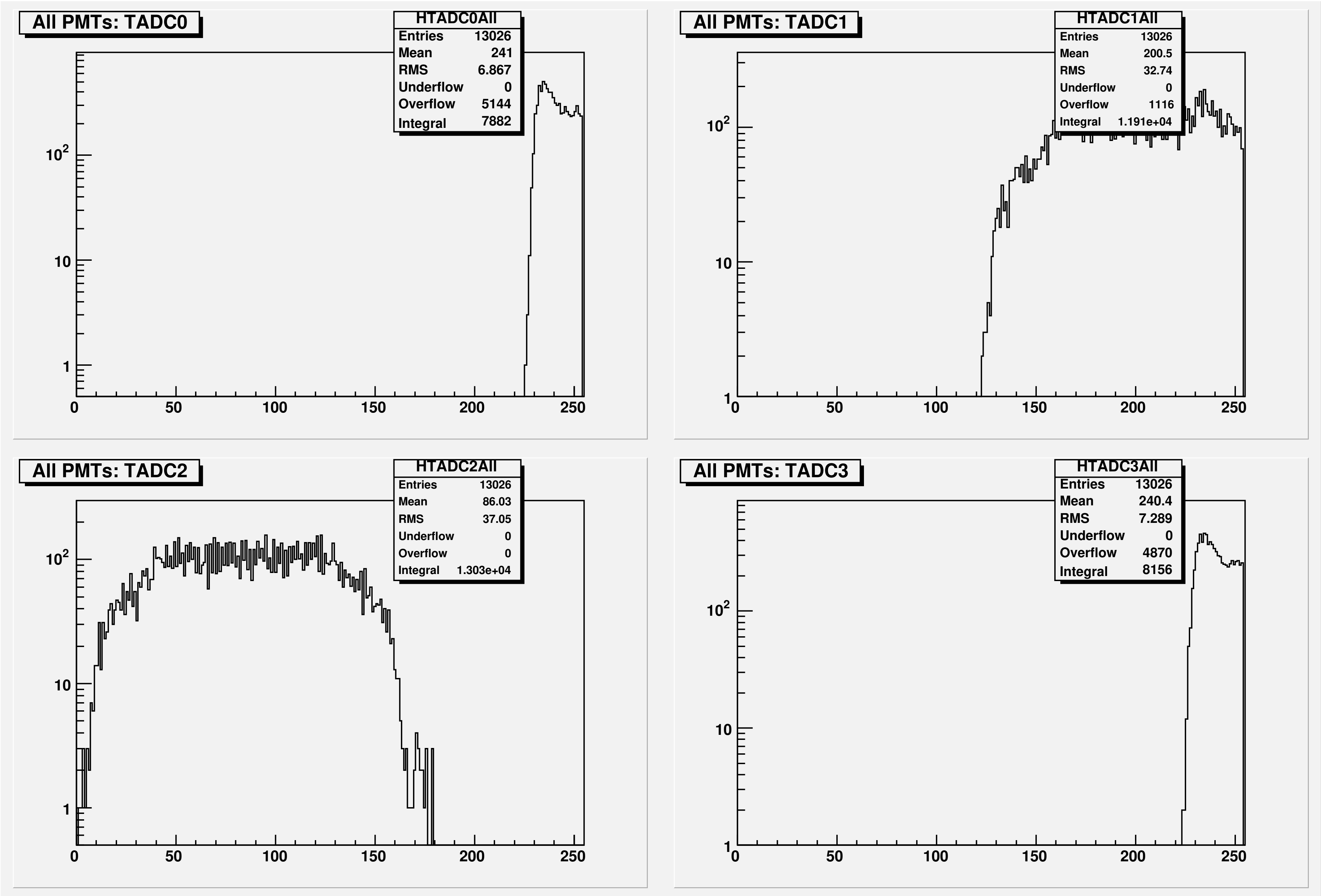
RUN: VlandUnCal Run11479 LEDTCut-QCut


Channel Hits
HHitChan
Entries 13026
Mean 24.12
RMS 11.92
Underflow 0
Overflow 0
Integral 1.303e+04
0 100 200 300 400 500 600 700 800
0 5 10 15 20 25 30 35 40 45 50
Channel Rate (Hz)
HRateChan
Entries 13026
Mean 24.12
RMS 11.92
Underflow 0
Overflow 0
Integral 6.415e+04
0 5000 10000 15000 20000 25000 30000 35000 40000 45000 50000
0 5 10 15 20 25 30 35 40 45 50
Channel Rate Histo (Hz)
HRate
Entries 51
Mean 1258
RMS 889.9
Underflow 0
Overflow 0
Integral 51
0 2 4 6 8 10 12 14 16 18 20 22
0 10000 20000 30000 40000 50000 60000 70000

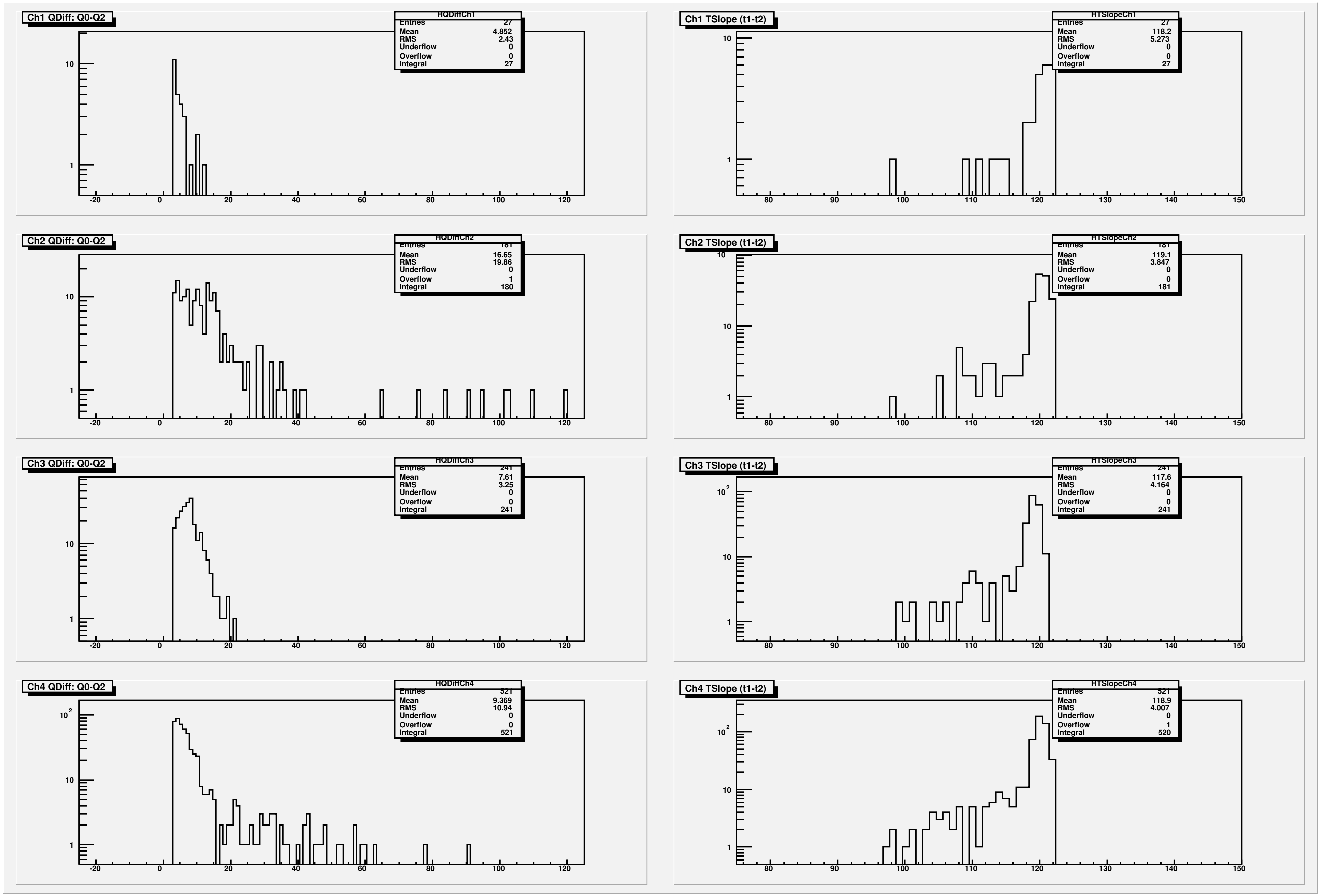


Raw Nhit
HNhitRaw
Entries 10153
Mean 14.7
RMS 5.387
Underflow 0
Overflow 13
Integral 1.014e+04
All PMTs: Q0-Q2
HQDiffAll
Entries 13026
Mean 14.67
RMS 19.85
Underflow 0
Overflow 14
Integral 1.301e+04
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 13026
Mean 119.1
RMS 12.34
Underflow 0
Overflow 0
Integral 1.303e+04
All PMTs: TOffset
HTOffsetAll
Entries 13026
Mean 21.49
RMS 0.72
Underflow 0
Overflow 0
Integral 1.303e+04

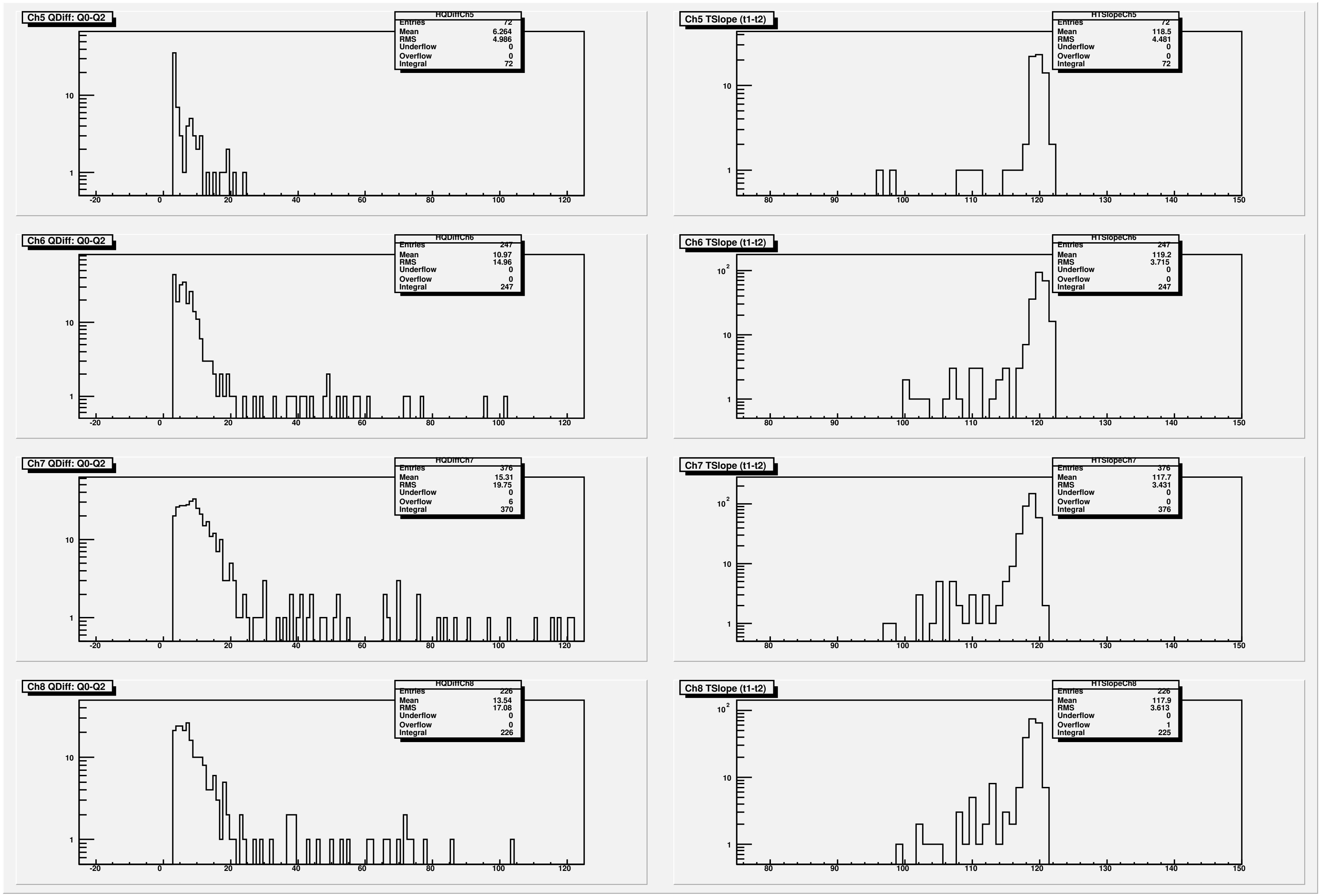

All PMTs: QADC0
HQADC0All
Entries 13026
Mean 242.6
RMS 3.728
Underflow 0
Overflow 3
Integral 1.302e+04
All PMTs: QADC1
HQADC1All
Entries 13026
Mean 229.9
RMS 17.54
Underflow 0
Overflow 1
Integral 1.302e+04
All PMTs: QADC2
HQADC2All
Entries 13026
Mean 227.8
RMS 21.29
Underflow 0
Overflow 0
Integral 1.303e+04
All PMTs: QADC3
HQADC3All
Entries 13026
Mean 230.6
RMS 18.74
Underflow 0
Overflow 0
Integral 1.303e+04
0 50 100 150 200 250
1 10 10^2 10^3



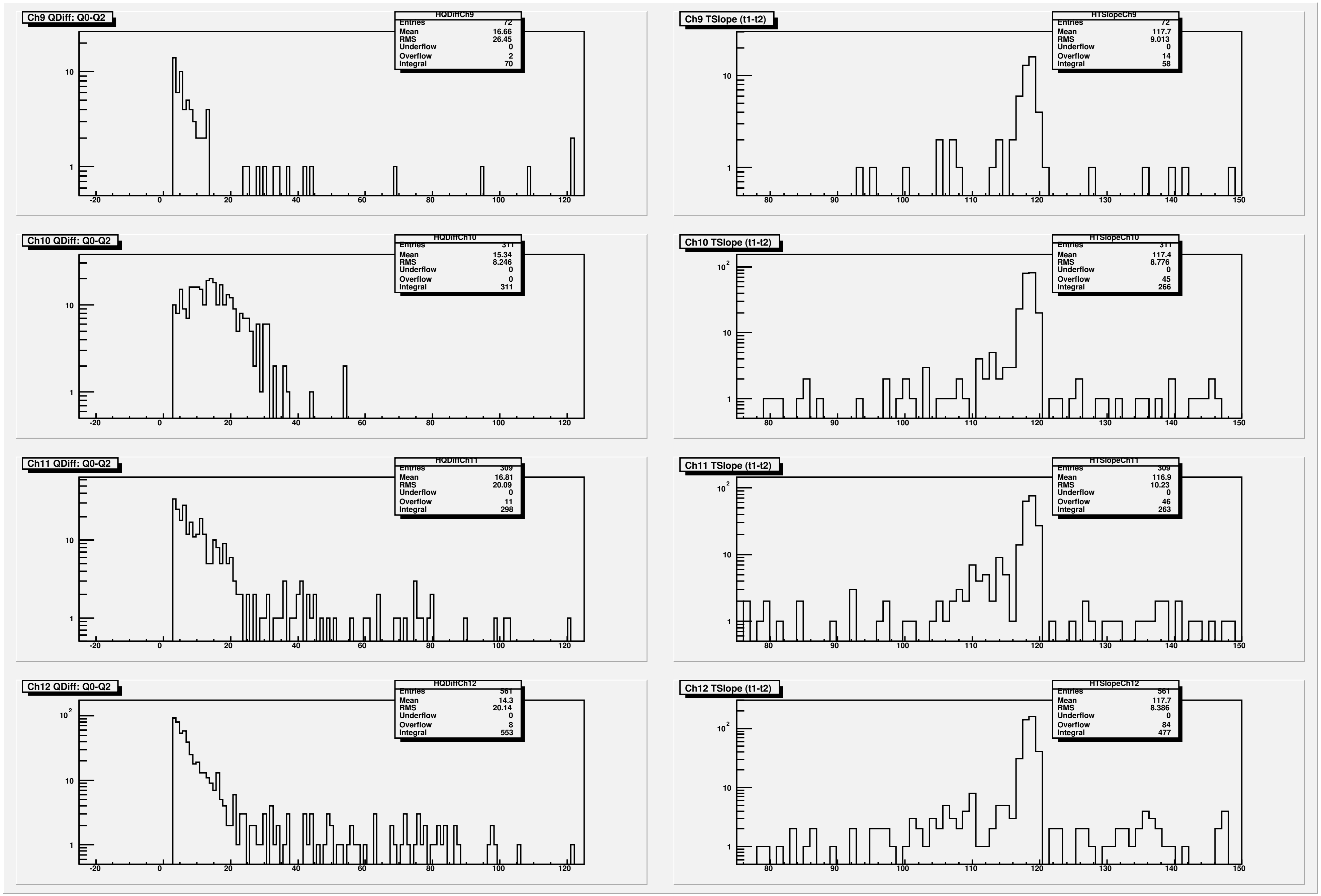
All PMTs: TADC0
HTADC0All
Entries 13026
Mean 241
RMS 6.867
Underflow 0
Overflow 5144
Integral 7882
All PMTs: TADC1
HTADC1All
Entries 13026
Mean 200.5
RMS 32.74
Underflow 0
Overflow 1116
Integral 1.191e+04
All PMTs: TADC2
HTADC2All
Entries 13026
Mean 86.03
RMS 37.05
Underflow 0
Overflow 0
Integral 1.303e+04
All PMTs: TADC3
HTADC3All
Entries 13026
Mean 240.4
RMS 7.289
Underflow 0
Overflow 4870
Integral 8156



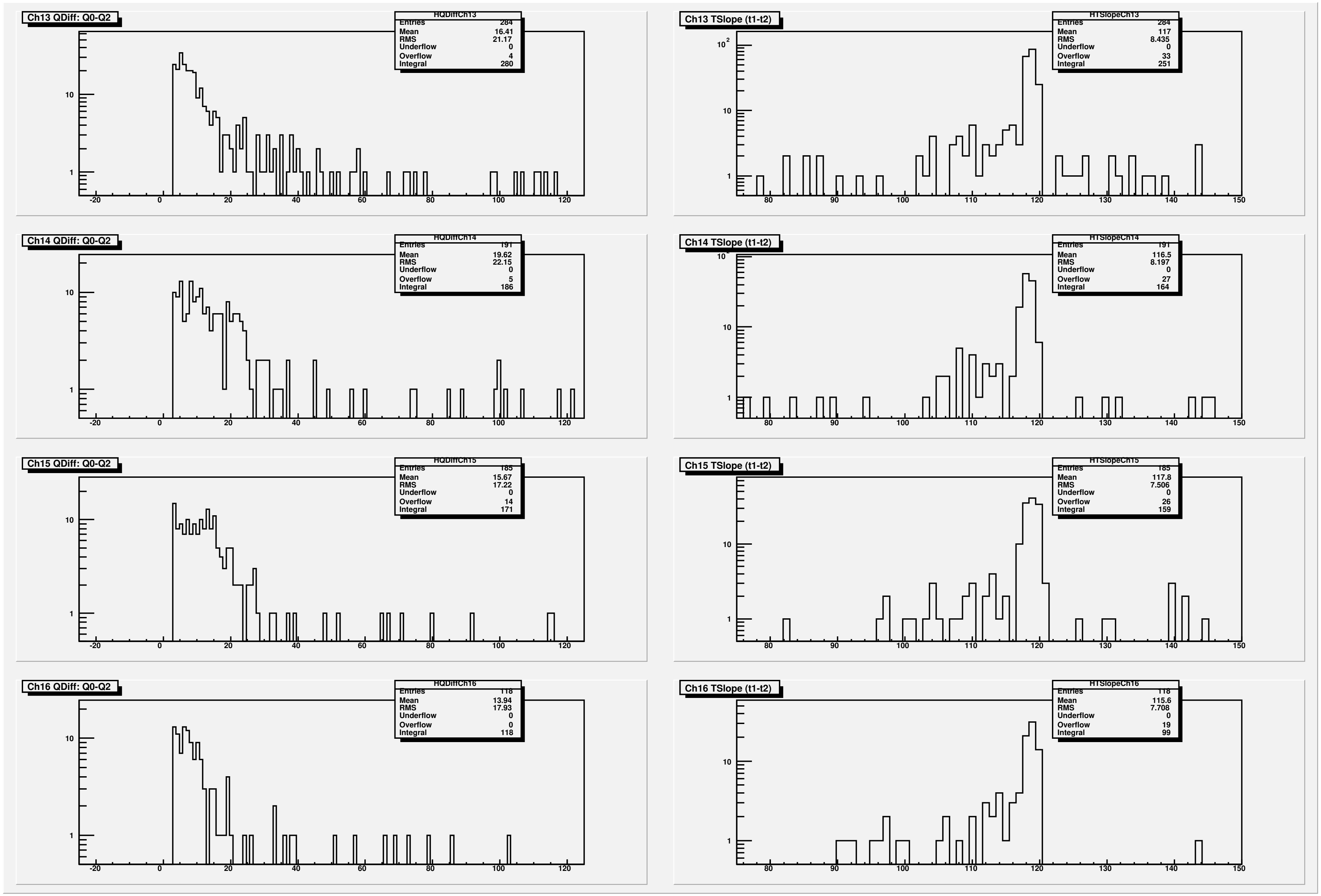
Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 27
Mean 4.852
RMS 2.43
Underflow 0
Overflow 0
Integral 27
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 27
Mean 118.2
RMS 5.273
Underflow 0
Overflow 0
Integral 27
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 181
Mean 16.65
RMS 19.86
Underflow 0
Overflow 1
Integral 180
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 181
Mean 119.1
RMS 3.847
Underflow 0
Overflow 0
Integral 181
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 241
Mean 7.61
RMS 3.25
Underflow 0
Overflow 0
Integral 241
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 241
Mean 117.6
RMS 4.164
Underflow 0
Overflow 0
Integral 241
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 521
Mean 9.369
RMS 10.94
Underflow 0
Overflow 0
Integral 521
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 521
Mean 118.9
RMS 4.007
Underflow 0
Overflow 1
Integral 520

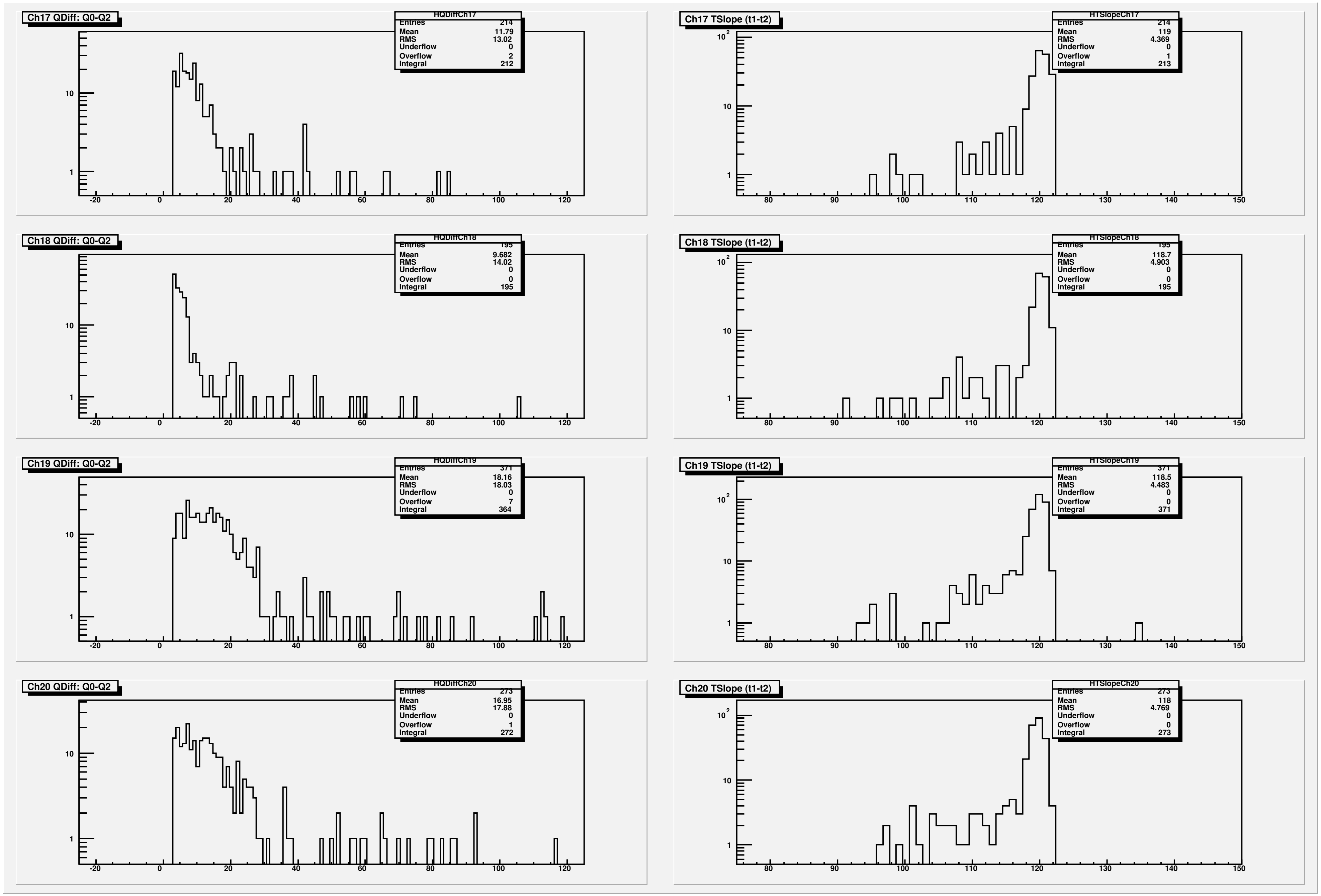


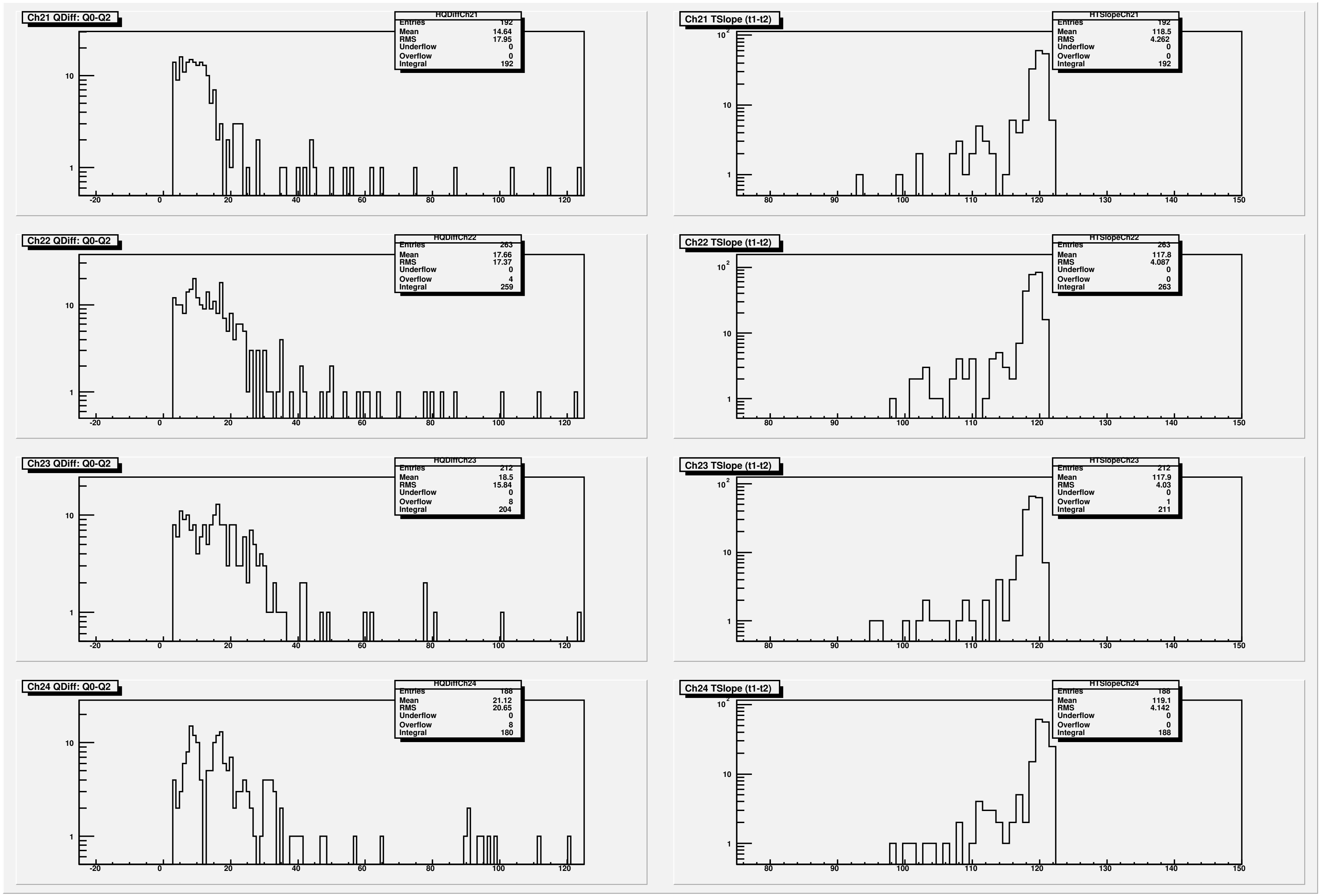
Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 72
Mean 6.264
RMS 4.986
Underflow 0
Overflow 0
Integral 72
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 72
Mean 118.5
RMS 4.481
Underflow 0
Overflow 0
Integral 72
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 247
Mean 10.97
RMS 14.96
Underflow 0
Overflow 0
Integral 247
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 247
Mean 119.2
RMS 3.715
Underflow 0
Overflow 0
Integral 247
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 376
Mean 15.31
RMS 19.75
Underflow 0
Overflow 6
Integral 370
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 376
Mean 117.7
RMS 3.431
Underflow 0
Overflow 0
Integral 376
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 226
Mean 13.54
RMS 17.08
Underflow 0
Overflow 0
Integral 226
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 226
Mean 117.9
RMS 3.613
Underflow 0
Overflow 1
Integral 225



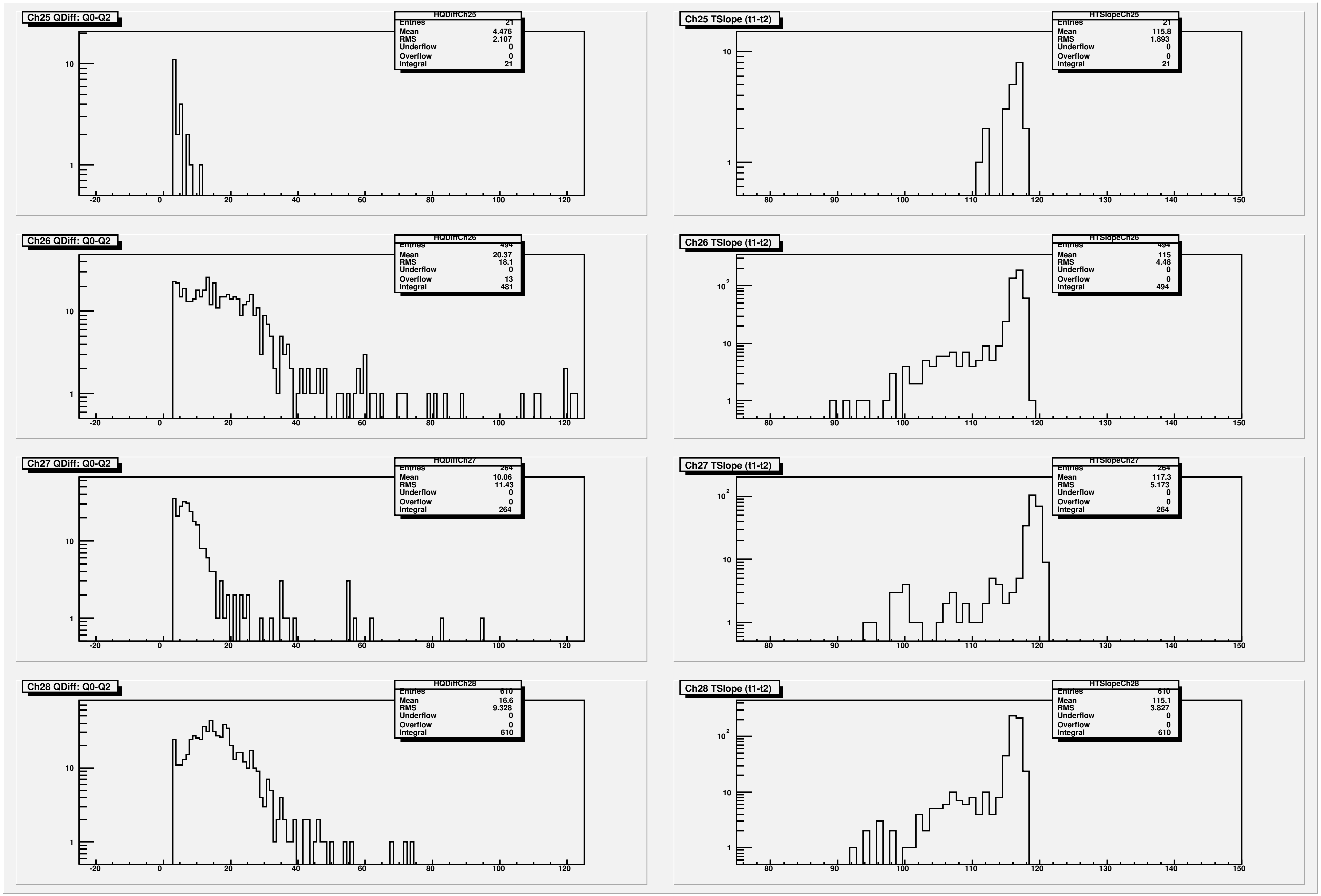
Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 72
Mean 16.66
RMS 26.45
Underflow 0
Overflow 2
Integral 70
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 72
Mean 117.7
RMS 9.013
Underflow 0
Overflow 14
Integral 58
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 311
Mean 15.34
RMS 8.246
Underflow 0
Overflow 0
Integral 311
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 311
Mean 117.4
RMS 8.776
Underflow 0
Overflow 45
Integral 266
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 309
Mean 16.81
RMS 20.09
Underflow 0
Overflow 11
Integral 298
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 309
Mean 116.9
RMS 10.23
Underflow 0
Overflow 46
Integral 263
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 561
Mean 14.3
RMS 20.14
Underflow 0
Overflow 8
Integral 553
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 561
Mean 117.7
RMS 8.386
Underflow 0
Overflow 84
Integral 477


Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 284
Mean 16.41
RMS 21.17
Underflow 0
Overflow 4
Integral 280
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 284
Mean 117
RMS 8.435
Underflow 0
Overflow 33
Integral 251
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 191
Mean 19.62
RMS 22.15
Underflow 0
Overflow 5
Integral 186
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 191
Mean 116.5
RMS 8.197
Underflow 0
Overflow 27
Integral 164
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 185
Mean 15.67
RMS 17.22
Underflow 0
Overflow 14
Integral 171
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 185
Mean 117.8
RMS 7.506
Underflow 0
Overflow 26
Integral 159
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 118
Mean 13.94
RMS 17.93
Underflow 0
Overflow 0
Integral 118
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 118
Mean 115.6
RMS 7.708
Underflow 0
Overflow 19
Integral 99

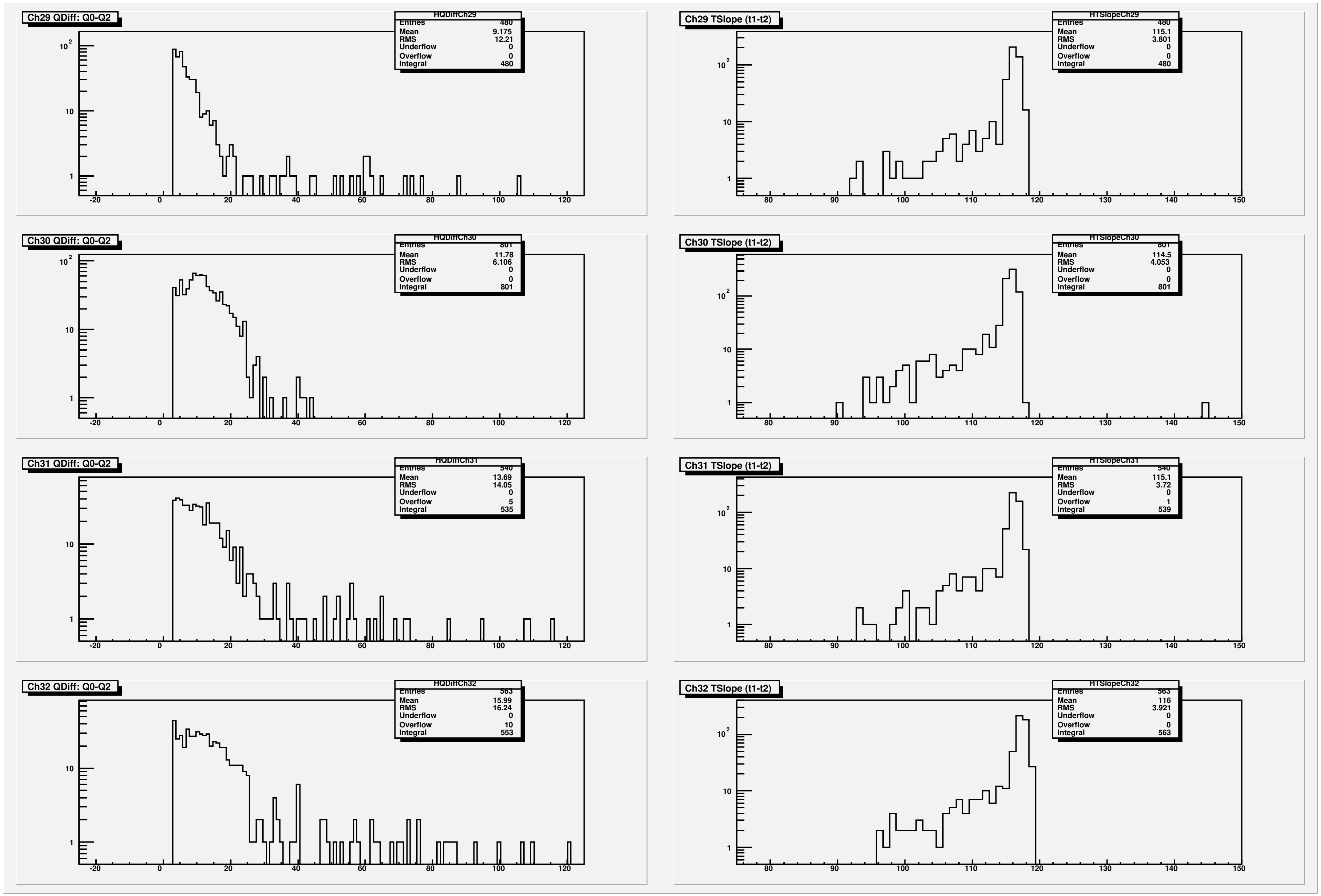

Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 214
Mean 11.79
RMS 13.02
Underflow 0
Overflow 2
Integral 212
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 214
Mean 119
RMS 4.369
Underflow 0
Overflow 1
Integral 213
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 195
Mean 9.682
RMS 14.02
Underflow 0
Overflow 0
Integral 195
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 195
Mean 118.7
RMS 4.903
Underflow 0
Overflow 0
Integral 195
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 371
Mean 18.16
RMS 18.03
Underflow 0
Overflow 7
Integral 364
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 371
Mean 118.5
RMS 4.483
Underflow 0
Overflow 0
Integral 371
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 273
Mean 16.95
RMS 17.88
Underflow 0
Overflow 1
Integral 272
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 273
Mean 118
RMS 4.769
Underflow 0
Overflow 0
Integral 273



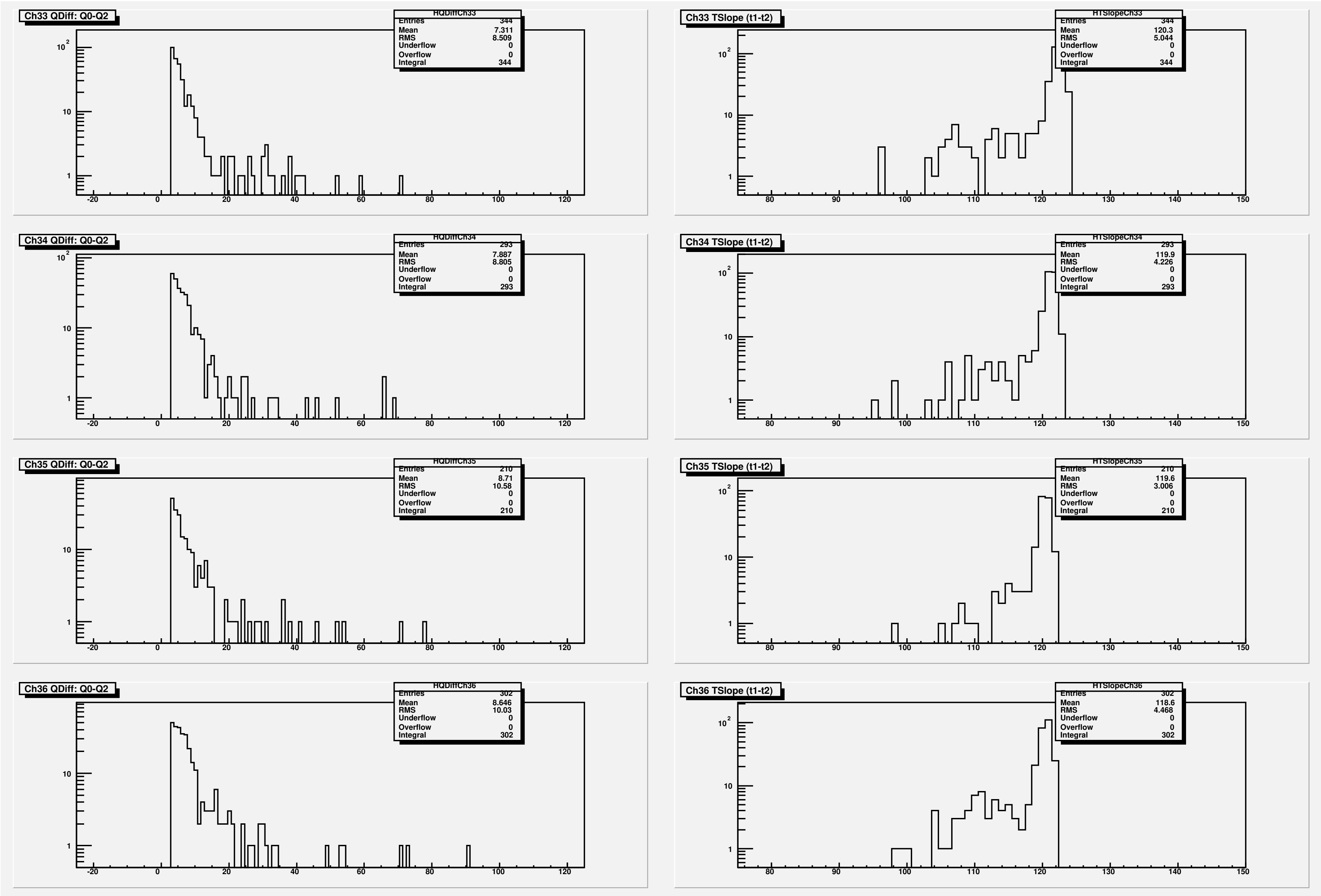
Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 192
Mean 14.64
RMS 17.95
Underflow 0
Overflow 0
Integral 192
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 192
Mean 118.5
RMS 4.262
Underflow 0
Overflow 0
Integral 192
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 263
Mean 17.66
RMS 17.37
Underflow 0
Overflow 4
Integral 259
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 263
Mean 117.8
RMS 4.087
Underflow 0
Overflow 0
Integral 263
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 212
Mean 18.5
RMS 15.84
Underflow 0
Overflow 8
Integral 204
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 212
Mean 117.9
RMS 4.03
Underflow 0
Overflow 1
Integral 211
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 188
Mean 21.12
RMS 20.65
Underflow 0
Overflow 8
Integral 180
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 188
Mean 119.1
RMS 4.142
Underflow 0
Overflow 0
Integral 188

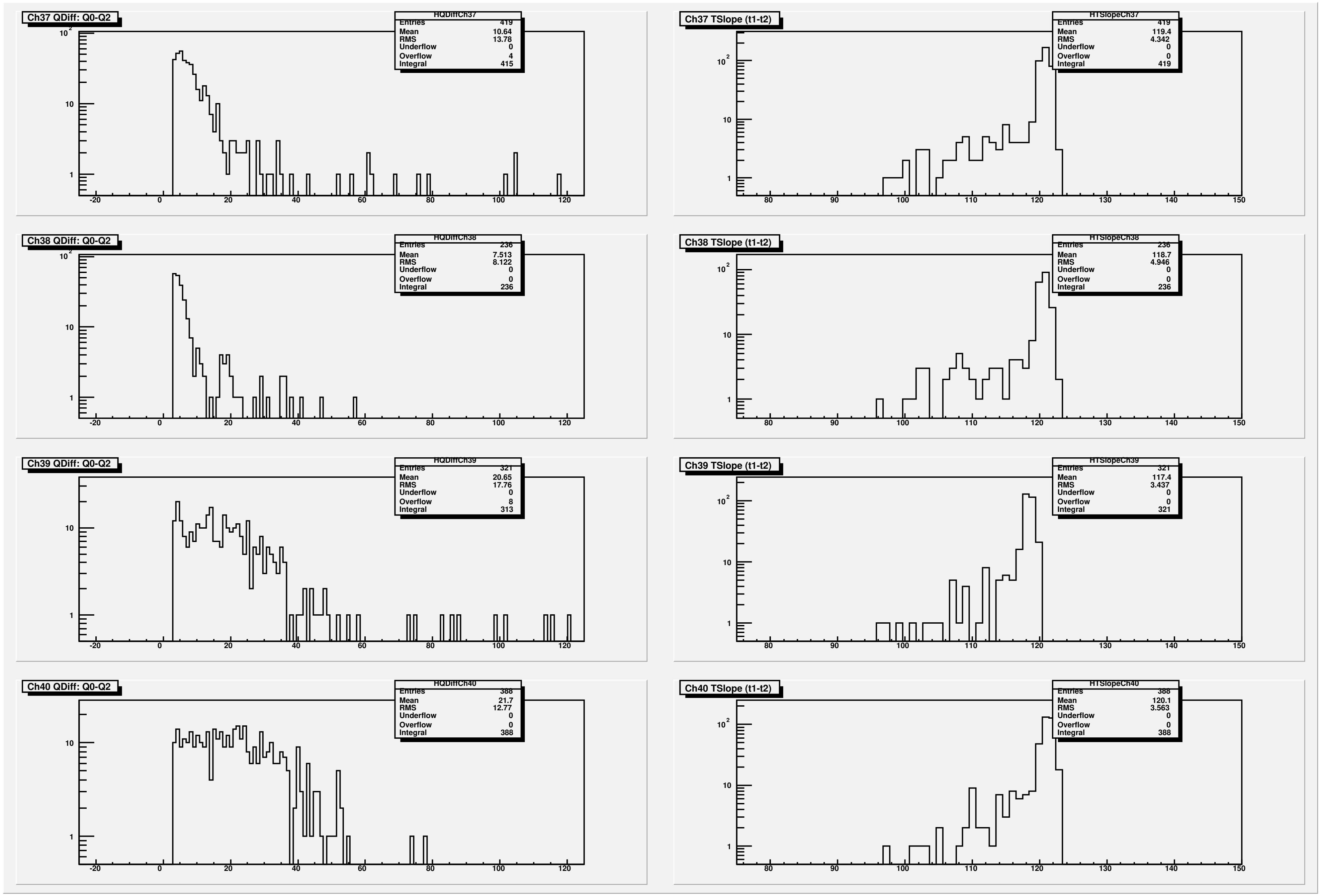


Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 21
Mean 4.476
RMS 2.107
Underflow 0
Overflow 0
Integral 21
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 21
Mean 115.8
RMS 1.893
Underflow 0
Overflow 0
Integral 21
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 494
Mean 20.37
RMS 18.1
Underflow 0
Overflow 13
Integral 481
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 494
Mean 115
RMS 4.48
Underflow 0
Overflow 0
Integral 494
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 264
Mean 10.06
RMS 11.43
Underflow 0
Overflow 0
Integral 264
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 264
Mean 117.3
RMS 5.173
Underflow 0
Overflow 0
Integral 264
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 610
Mean 16.6
RMS 9.328
Underflow 0
Overflow 0
Integral 610
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 610
Mean 115.1
RMS 3.827
Underflow 0
Overflow 0
Integral 610

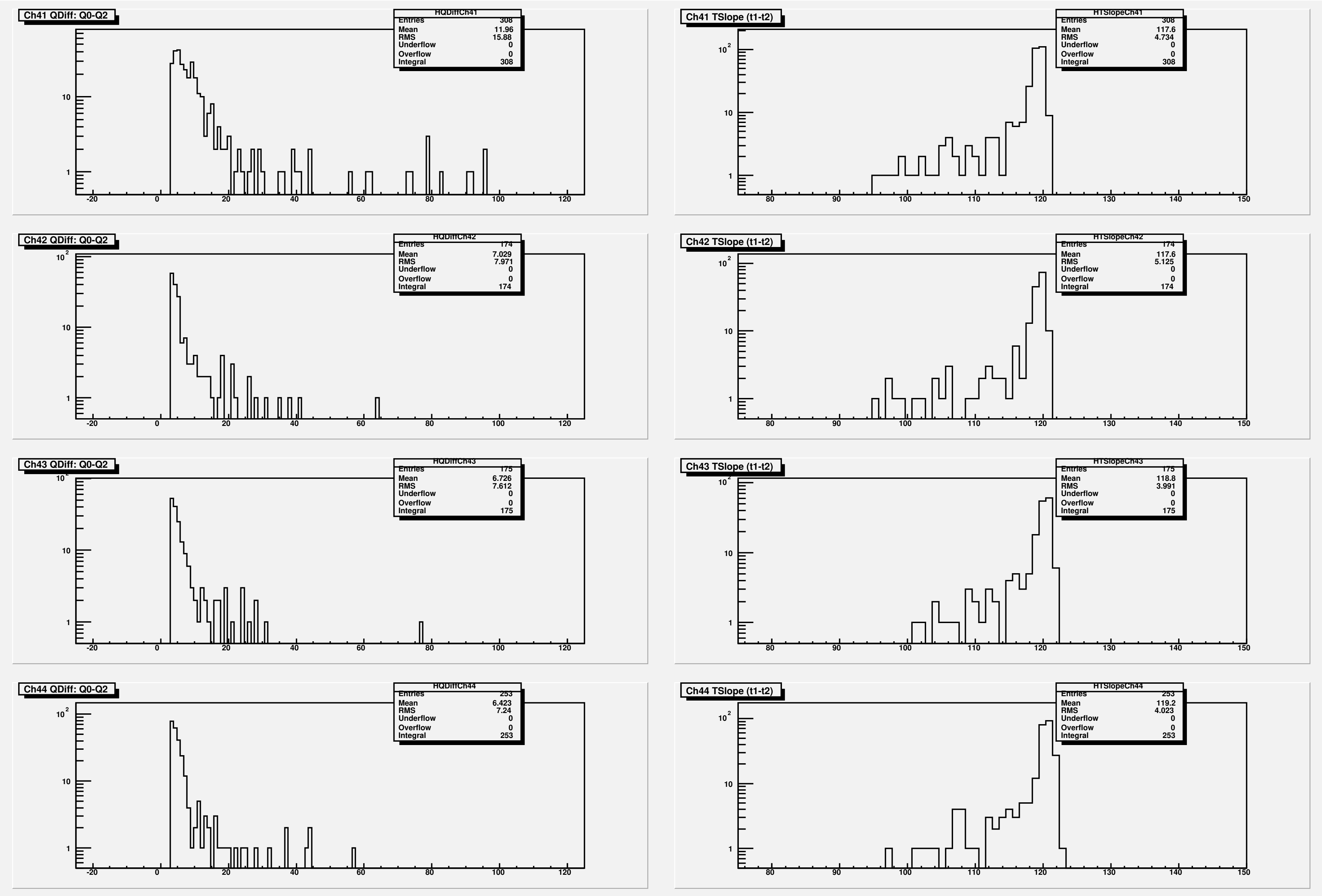


Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 480
Mean 9.175
RMS 12.21
Underflow 0
Overflow 0
Integral 480
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 480
Mean 115.1
RMS 3.801
Underflow 0
Overflow 0
Integral 480
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 801
Mean 11.78
RMS 6.106
Underflow 0
Overflow 0
Integral 801
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 801
Mean 114.5
RMS 4.053
Underflow 0
Overflow 0
Integral 801
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 540
Mean 13.69
RMS 14.05
Underflow 0
Overflow 5
Integral 535
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 540
Mean 115.1
RMS 3.72
Underflow 0
Overflow 1
Integral 539
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 563
Mean 15.99
RMS 16.24
Underflow 0
Overflow 10
Integral 553
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 563
Mean 116
RMS 3.921
Underflow 0
Overflow 0
Integral 563


Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 344
Mean 7.311
RMS 8.509
Underflow 0
Overflow 0
Integral 344
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 344
Mean 120.3
RMS 5.044
Underflow 0
Overflow 0
Integral 344
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 293
Mean 7.887
RMS 8.805
Underflow 0
Overflow 0
Integral 293
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 293
Mean 119.9
RMS 4.226
Underflow 0
Overflow 0
Integral 293
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 210
Mean 8.71
RMS 10.58
Underflow 0
Overflow 0
Integral 210
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 210
Mean 119.6
RMS 3.006
Underflow 0
Overflow 0
Integral 210
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 302
Mean 8.646
RMS 10.03
Underflow 0
Overflow 0
Integral 302
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 302
Mean 118.6
RMS 4.468
Underflow 0
Overflow 0
Integral 302



Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 419
Mean 10.64
RMS 13.78
Underflow 0
Overflow 4
Integral 415
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 419
Mean 119.4
RMS 4.342
Underflow 0
Overflow 0
Integral 419
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 236
Mean 7.513
RMS 8.122
Underflow 0
Overflow 0
Integral 236
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 236
Mean 118.7
RMS 4.946
Underflow 0
Overflow 0
Integral 236
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 321
Mean 20.65
RMS 17.76
Underflow 0
Overflow 8
Integral 313
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 321
Mean 117.4
RMS 3.437
Underflow 0
Overflow 0
Integral 321
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 388
Mean 21.7
RMS 12.77
Underflow 0
Overflow 0
Integral 388
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 388
Mean 120.1
RMS 3.563
Underflow 0
Overflow 0
Integral 388



Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 308
Mean 11.96
RMS 15.88
Underflow 0
Overflow 0
Integral 308
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 308
Mean 117.6
RMS 4.734
Underflow 0
Overflow 0
Integral 308
Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 174
Mean 7.029
RMS 7.971
Underflow 0
Overflow 0
Integral 174
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 174
Mean 117.6
RMS 5.125
Underflow 0
Overflow 0
Integral 174
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 175
Mean 6.726
RMS 7.612
Underflow 0
Overflow 0
Integral 175
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 175
Mean 118.8
RMS 3.991
Underflow 0
Overflow 0
Integral 175
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 253
Mean 6.423
RMS 7.24
Underflow 0
Overflow 0
Integral 253
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 253
Mean 119.2
RMS 4.023
Underflow 0
Overflow 0
Integral 253