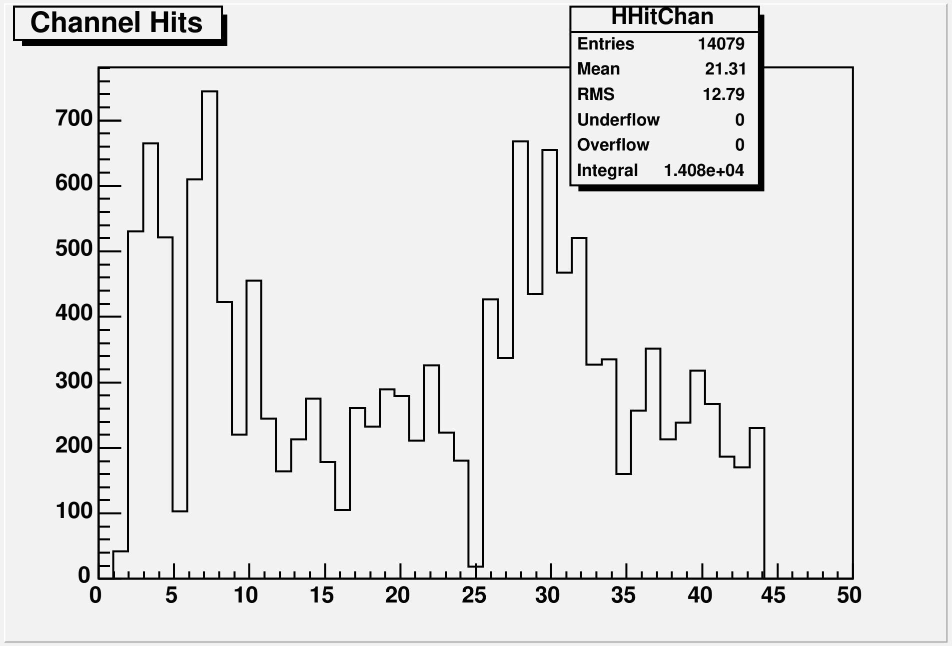
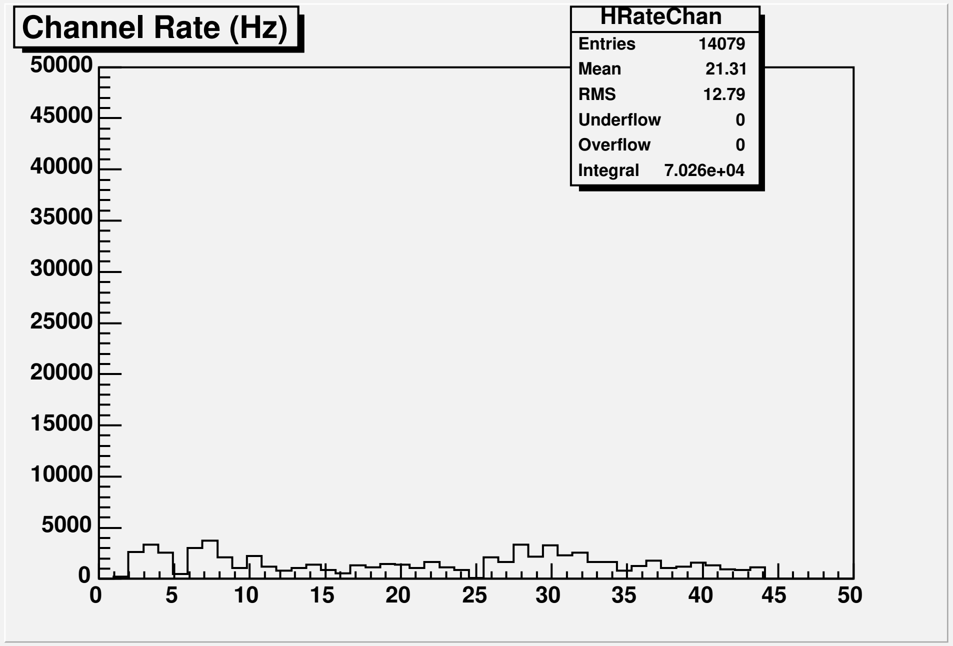
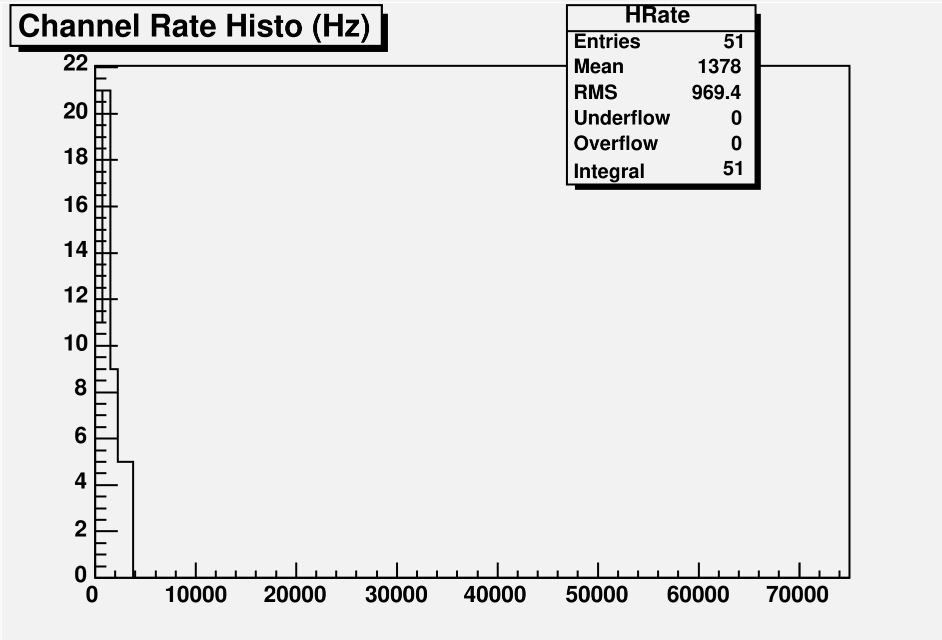
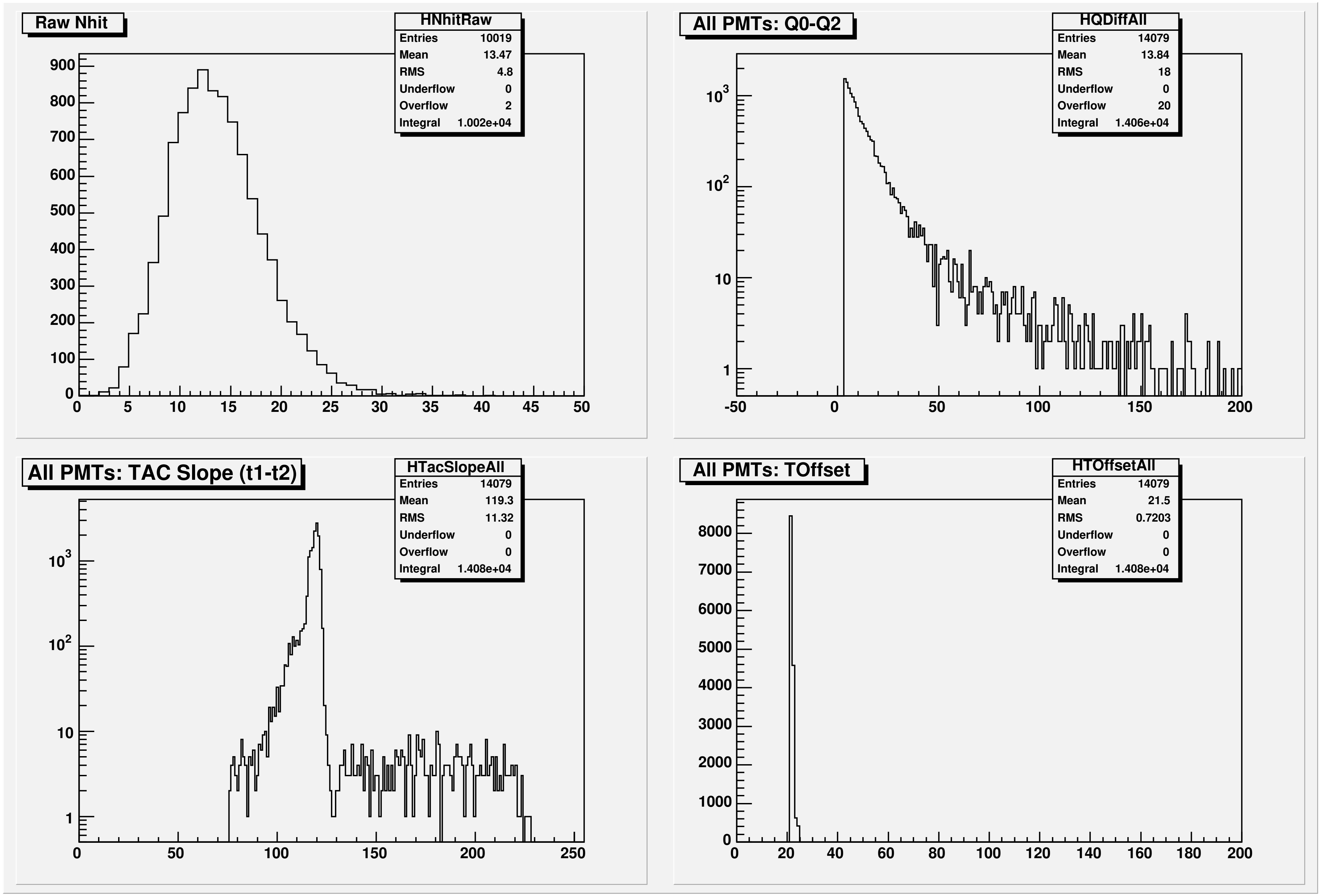
RUN: VlandUnCal Run11481 LEDTCut-QCut

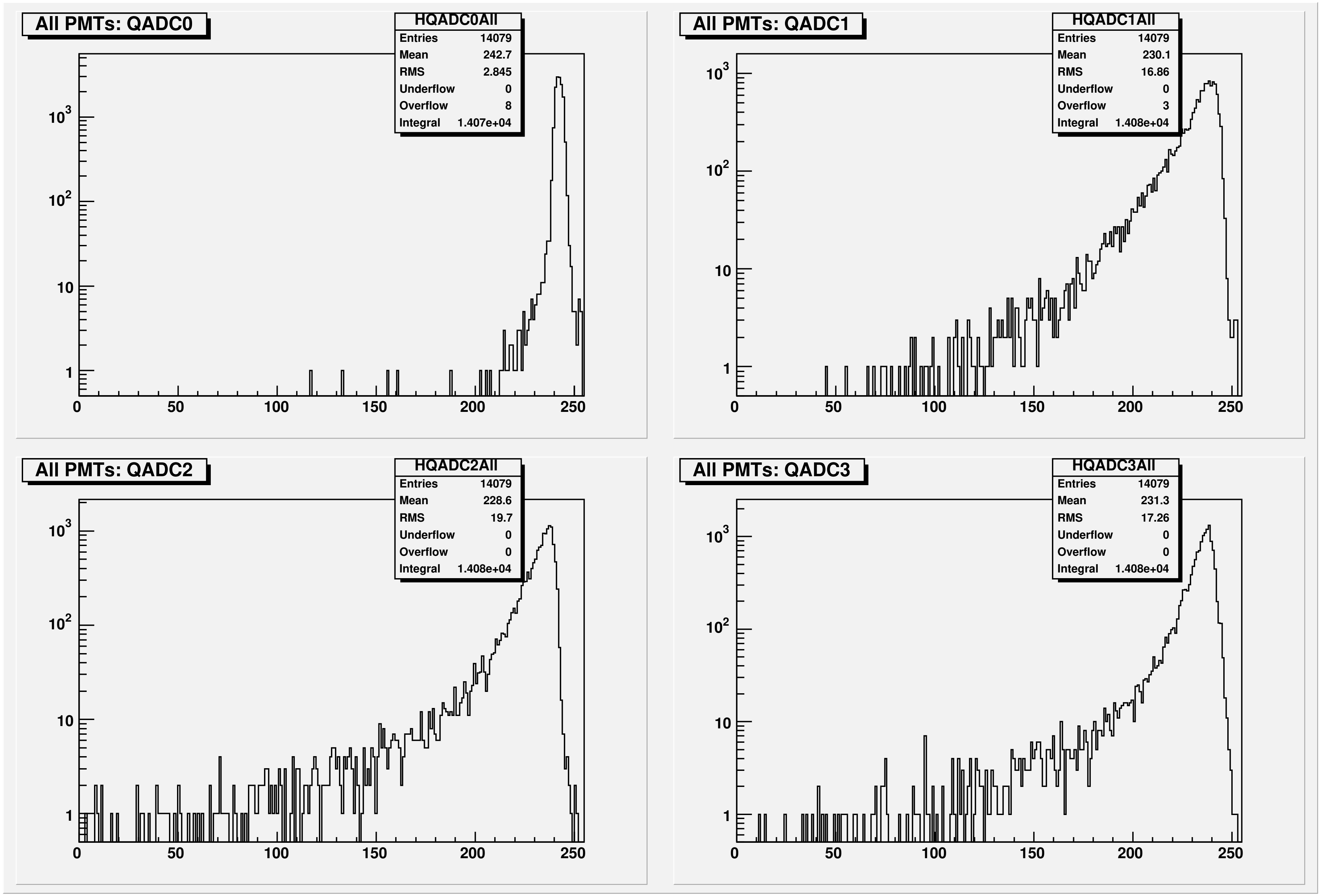

Channel Hits
HHitChan
Entries 14079
Mean 21.31
RMS 12.79
Underflow 0
Overflow 0
Integral 1.408e+04
0 100 200 300 400 500 600 700
0 5 10 15 20 25 30 35 40 45 50


Channel Rate (Hz)
HRateChan
Entries 14079
Mean 21.31
RMS 12.79
Underflow 0
Overflow 0
Integral 7.026e+04
0 5000 10000 15000 20000 25000 30000 35000 40000 45000 50000
0 5 10 15 20 25 30 35 40 45 50

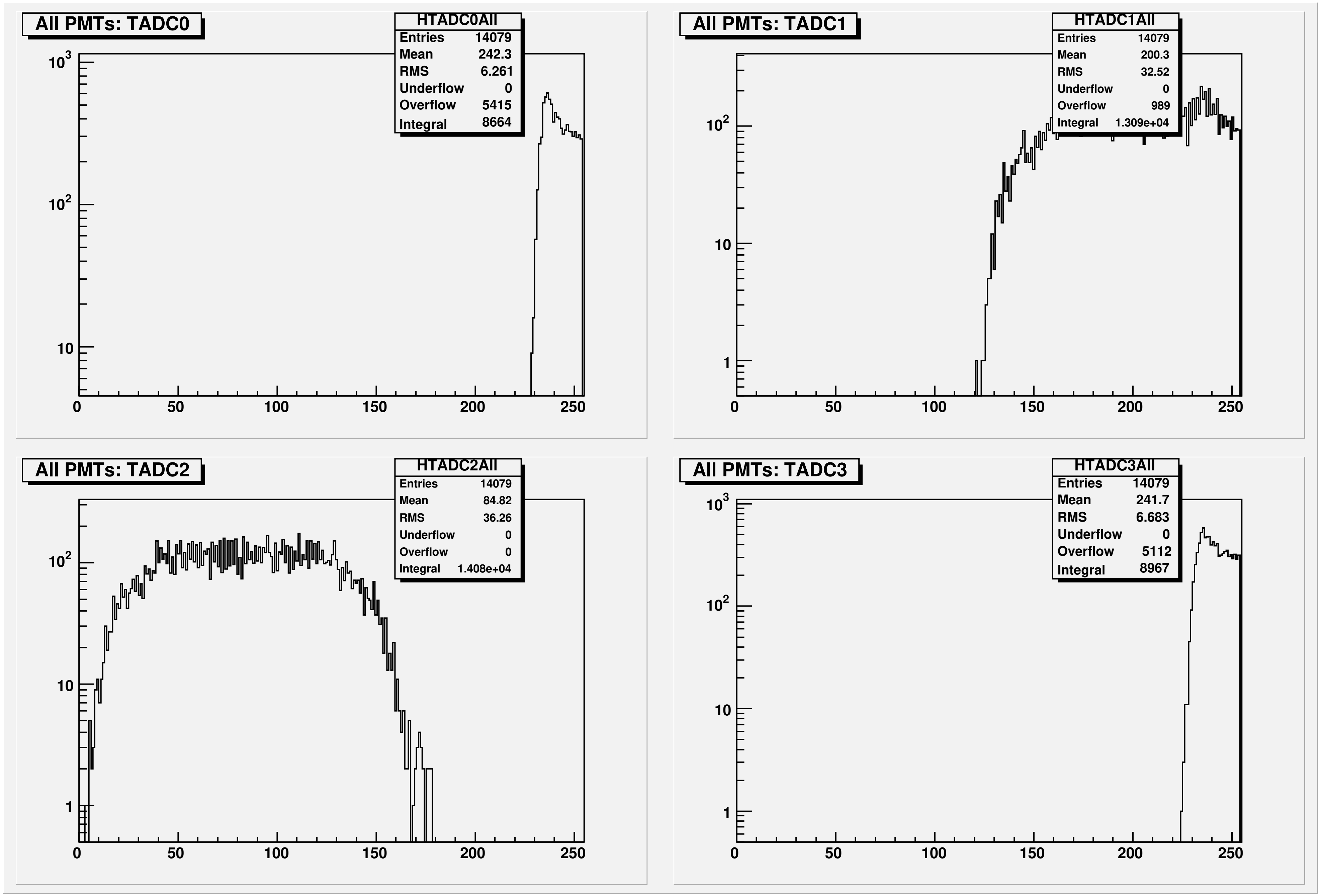

Channel Rate Histo (Hz)
HRate
Entries 51
Mean 1378
RMS 969.4
Underflow 0
Overflow 0
Integral 51
0 2 4 6 8 10 12 14 16 18 20 22
0 10000 20000 30000 40000 50000 60000 70000

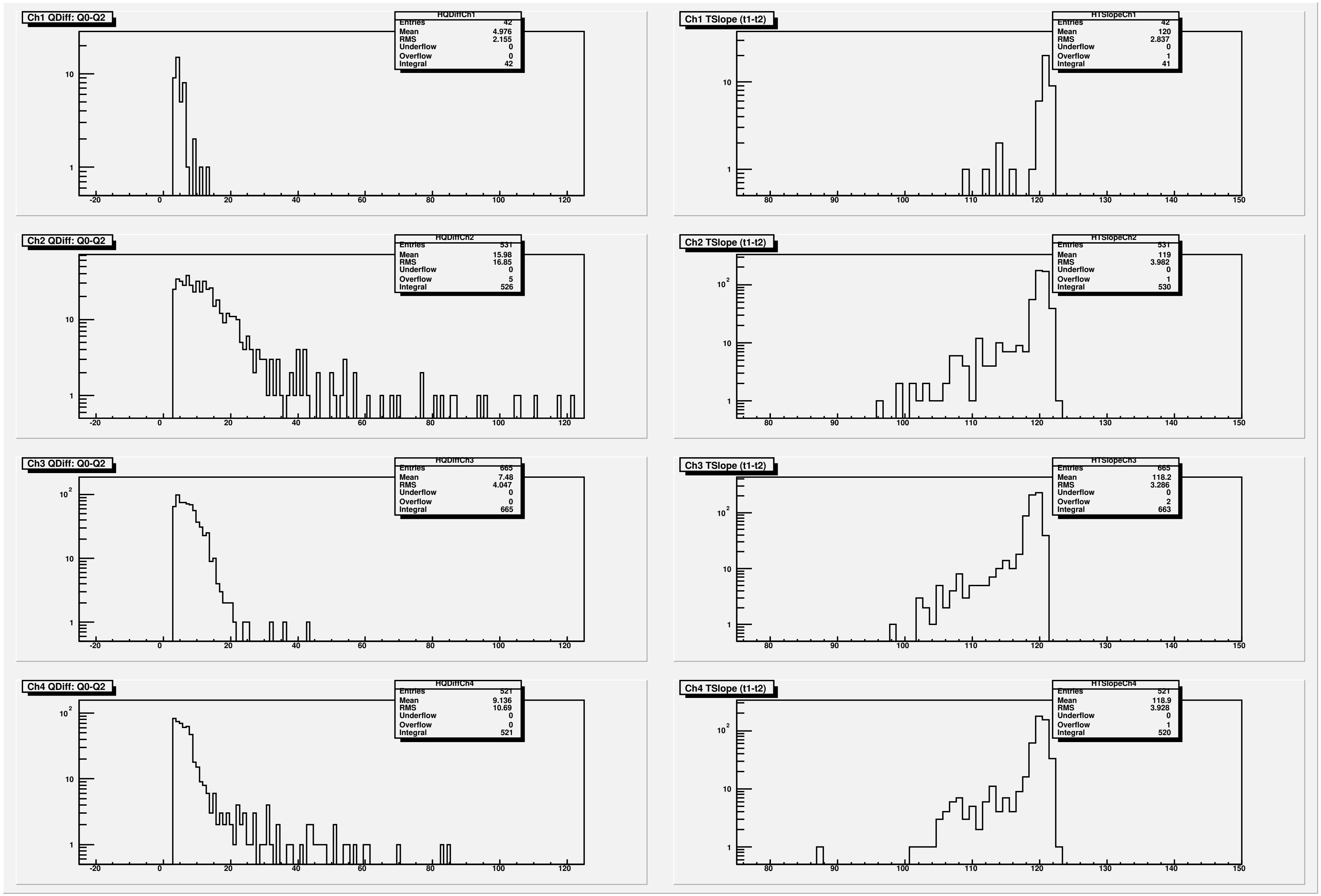


Raw Nhit
HNhitRaw
Entries 10019
Mean 13.47
RMS 4.8
Underflow 0
Overflow 2
Integral 1.002e+04
All PMTs: Q0-Q2
HQDiffAll
Entries 14079
Mean 13.84
RMS 18
Underflow 0
Overflow 20
Integral 1.406e+04
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 14079
Mean 119.3
RMS 11.32
Underflow 0
Overflow 0
Integral 1.408e+04
All PMTs: TOffset
HTOffsetAll
Entries 14079
Mean 21.5
RMS 0.7203
Underflow 0
Overflow 0
Integral 1.408e+04

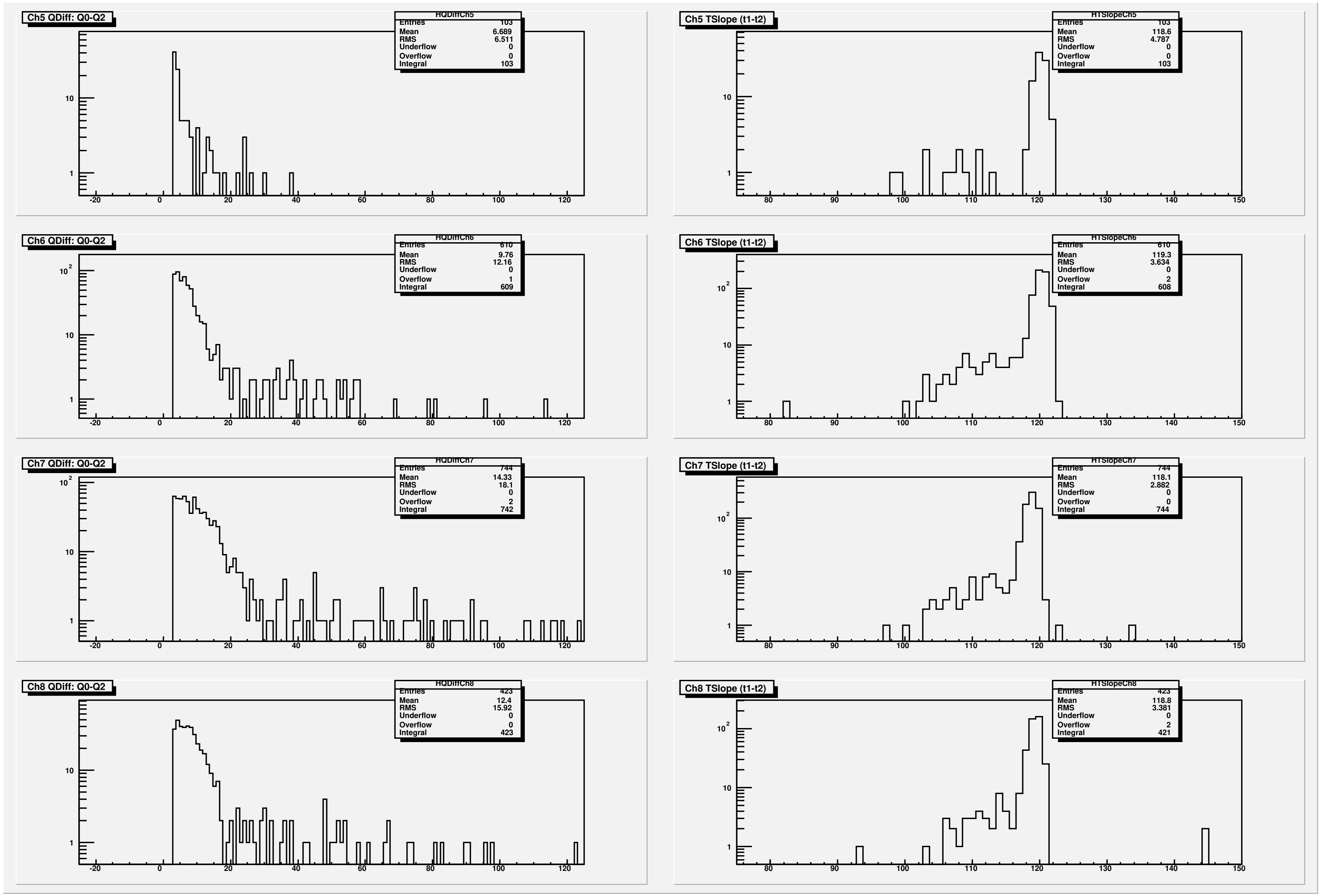


All PMTs: QADC0
HQADC0All
Entries 14079
Mean 242.7
RMS 2.845
Underflow 0
Overflow 8
Integral 1.407e+04
All PMTs: QADC1
HQADC1All
Entries 14079
Mean 230.1
RMS 16.86
Underflow 0
Overflow 3
Integral 1.408e+04
All PMTs: QADC2
HQADC2All
Entries 14079
Mean 228.6
RMS 19.7
Underflow 0
Overflow 0
Integral 1.408e+04
All PMTs: QADC3
HQADC3All
Entries 14079
Mean 231.3
RMS 17.26
Underflow 0
Overflow 0
Integral 1.408e+04

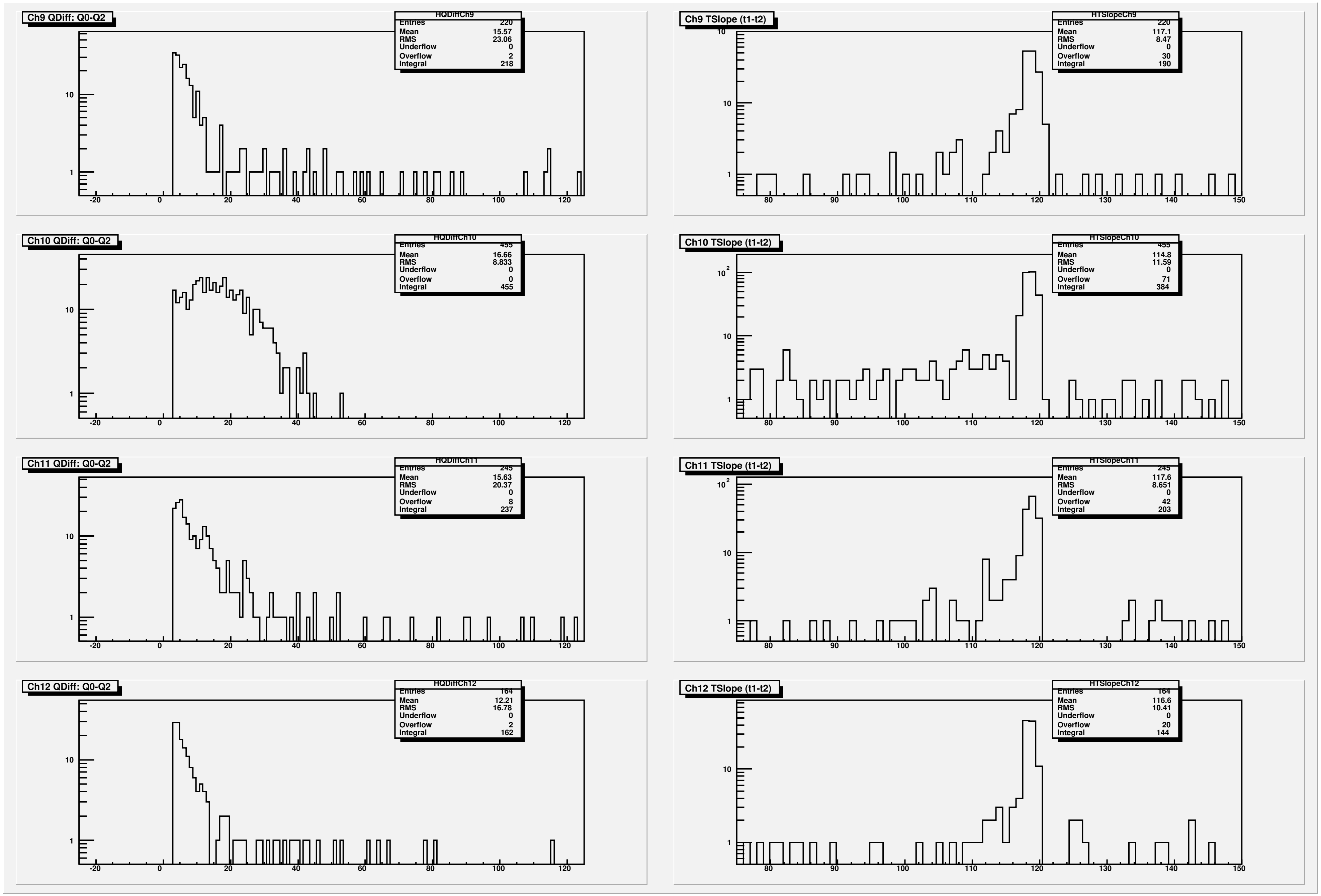

All PMTs: TADC0
HTADC0All
Entries 14079
Mean 242.3
RMS 6.261
Underflow 0
Overflow 5415
Integral 8664
All PMTs: TADC1
HTADC1All
Entries 14079
Mean 200.3
RMS 32.52
Underflow 0
Overflow 989
Integral 1.309e+04
All PMTs: TADC2
HTADC2All
Entries 14079
Mean 84.82
RMS 36.26
Underflow 0
Overflow 0
Integral 1.408e+04
All PMTs: TADC3
HTADC3All
Entries 14079
Mean 241.7
RMS 6.683
Underflow 0
Overflow 5112
Integral 8967

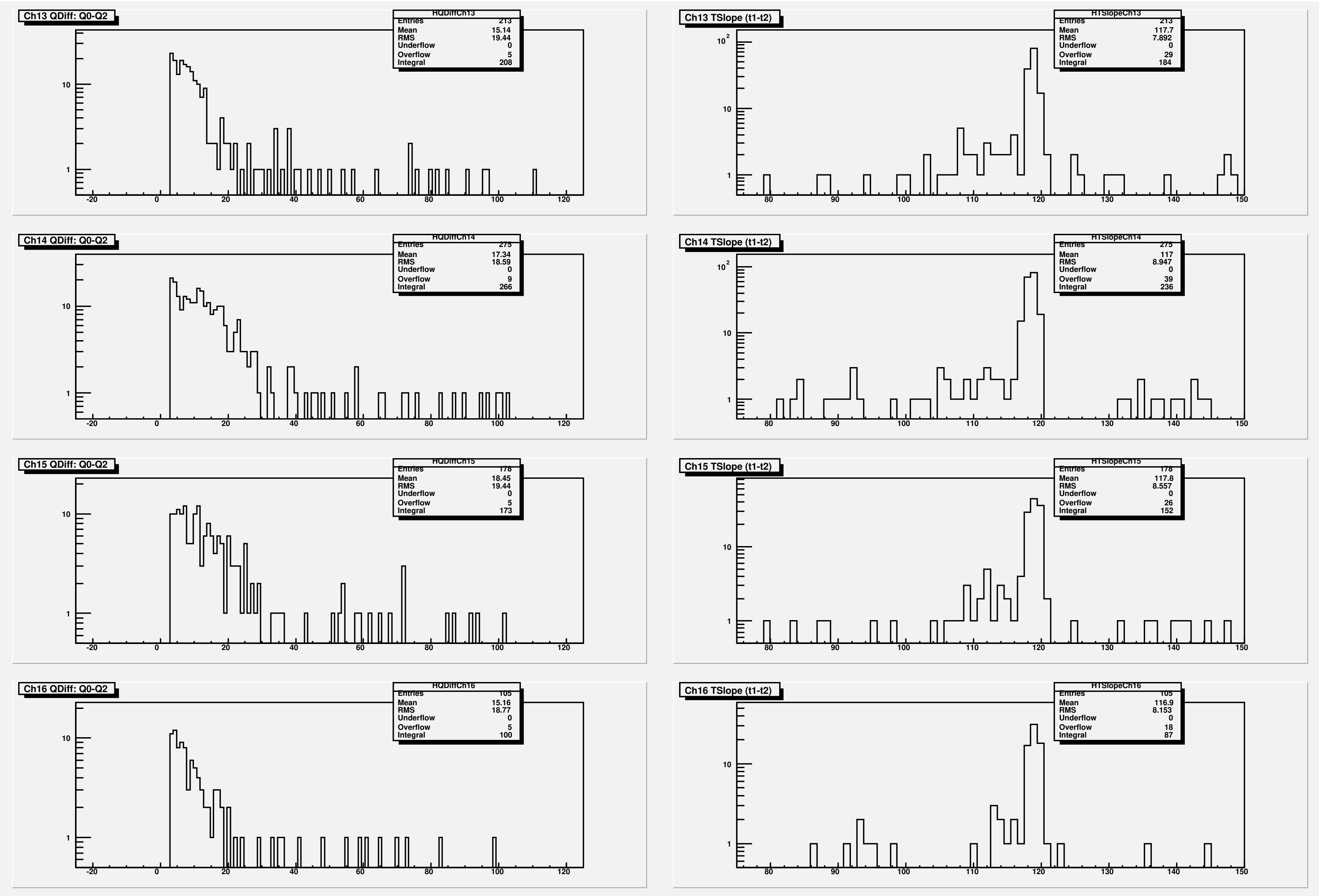


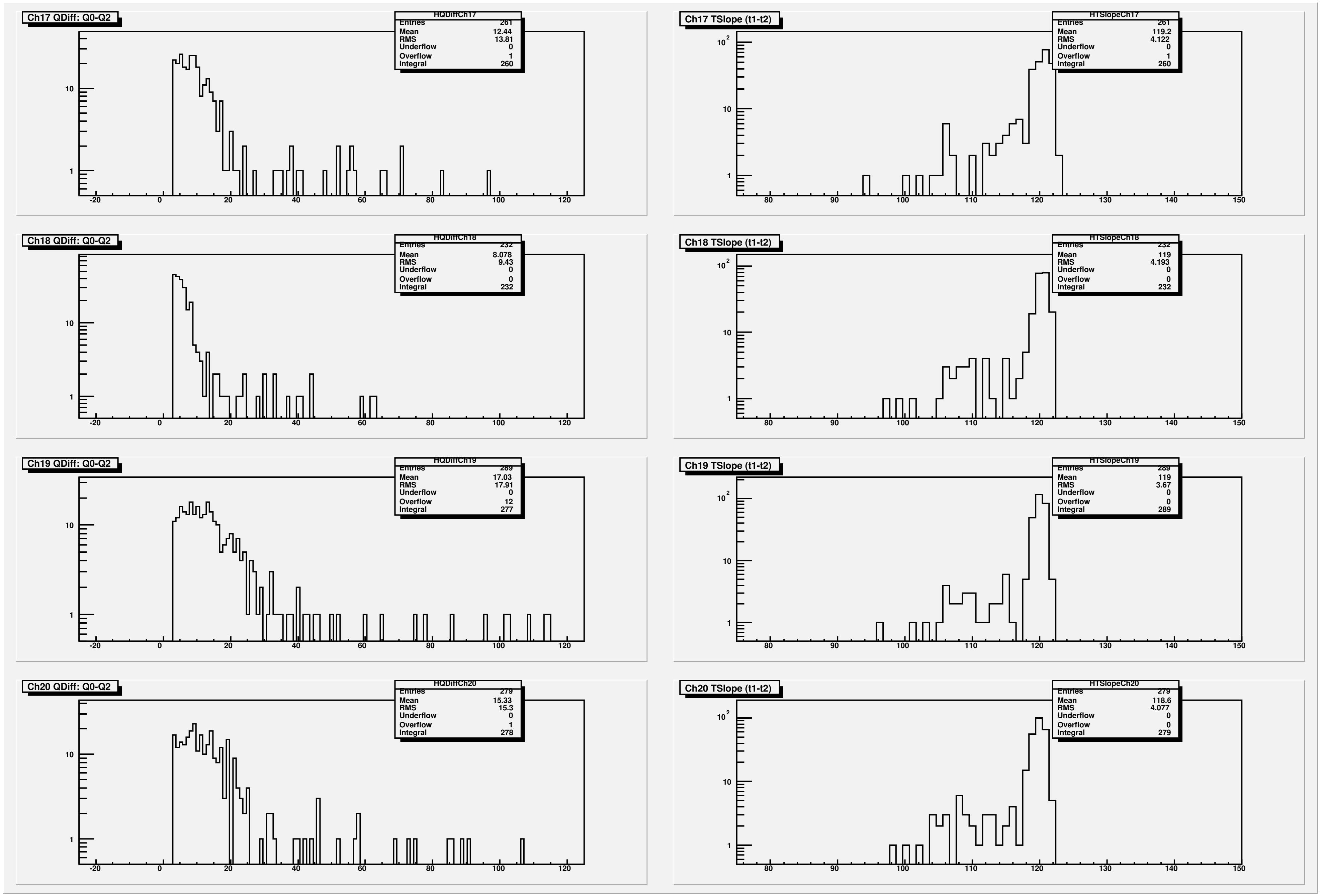
Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 42
Mean 4.976
RMS 2.155
Underflow 0
Overflow 0
Integral 42
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 42
Mean 120
RMS 2.837
Underflow 0
Overflow 1
Integral 41
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 531
Mean 15.98
RMS 16.85
Underflow 0
Overflow 5
Integral 526
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 531
Mean 119
RMS 3.982
Underflow 0
Overflow 1
Integral 530
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 665
Mean 7.48
RMS 4.047
Underflow 0
Overflow 0
Integral 665
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 665
Mean 118.2
RMS 3.286
Underflow 0
Overflow 2
Integral 663
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 521
Mean 9.136
RMS 10.69
Underflow 0
Overflow 0
Integral 521
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 521
Mean 118.9
RMS 3.928
Underflow 0
Overflow 1
Integral 520



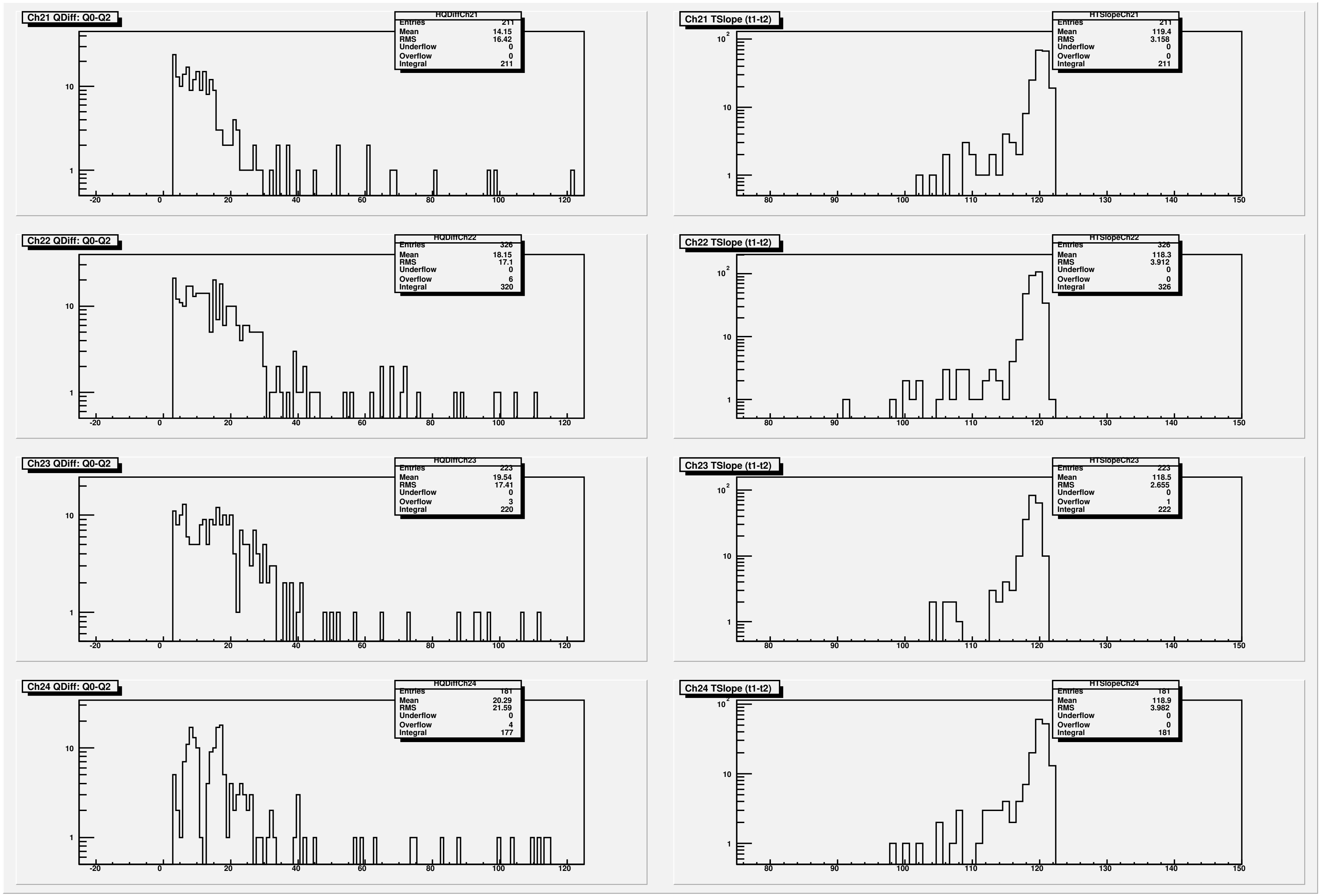
Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 103
Mean 6.689
RMS 6.511
Underflow 0
Overflow 0
Integral 103
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 103
Mean 118.6
RMS 4.787
Underflow 0
Overflow 0
Integral 103
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 610
Mean 9.76
RMS 12.16
Underflow 0
Overflow 1
Integral 609
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 610
Mean 119.3
RMS 3.634
Underflow 0
Overflow 2
Integral 608
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 744
Mean 14.33
RMS 18.1
Underflow 0
Overflow 2
Integral 742
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 744
Mean 118.1
RMS 2.882
Underflow 0
Overflow 0
Integral 744
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 423
Mean 12.4
RMS 15.92
Underflow 0
Overflow 0
Integral 423
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 423
Mean 118.8
RMS 3.381
Underflow 0
Overflow 2
Integral 421


Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 220
Mean 15.57
RMS 23.06
Underflow 0
Overflow 2
Integral 218
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 220
Mean 117.1
RMS 8.47
Underflow 0
Overflow 30
Integral 190
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 455
Mean 16.66
RMS 8.833
Underflow 0
Overflow 0
Integral 455
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 455
Mean 114.8
RMS 11.59
Underflow 0
Overflow 71
Integral 384
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 245
Mean 15.63
RMS 20.37
Underflow 0
Overflow 8
Integral 237
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 245
Mean 117.6
RMS 8.651
Underflow 0
Overflow 42
Integral 203
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 164
Mean 12.21
RMS 16.78
Underflow 0
Overflow 2
Integral 162
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 164
Mean 116.6
RMS 10.41
Underflow 0
Overflow 20
Integral 144

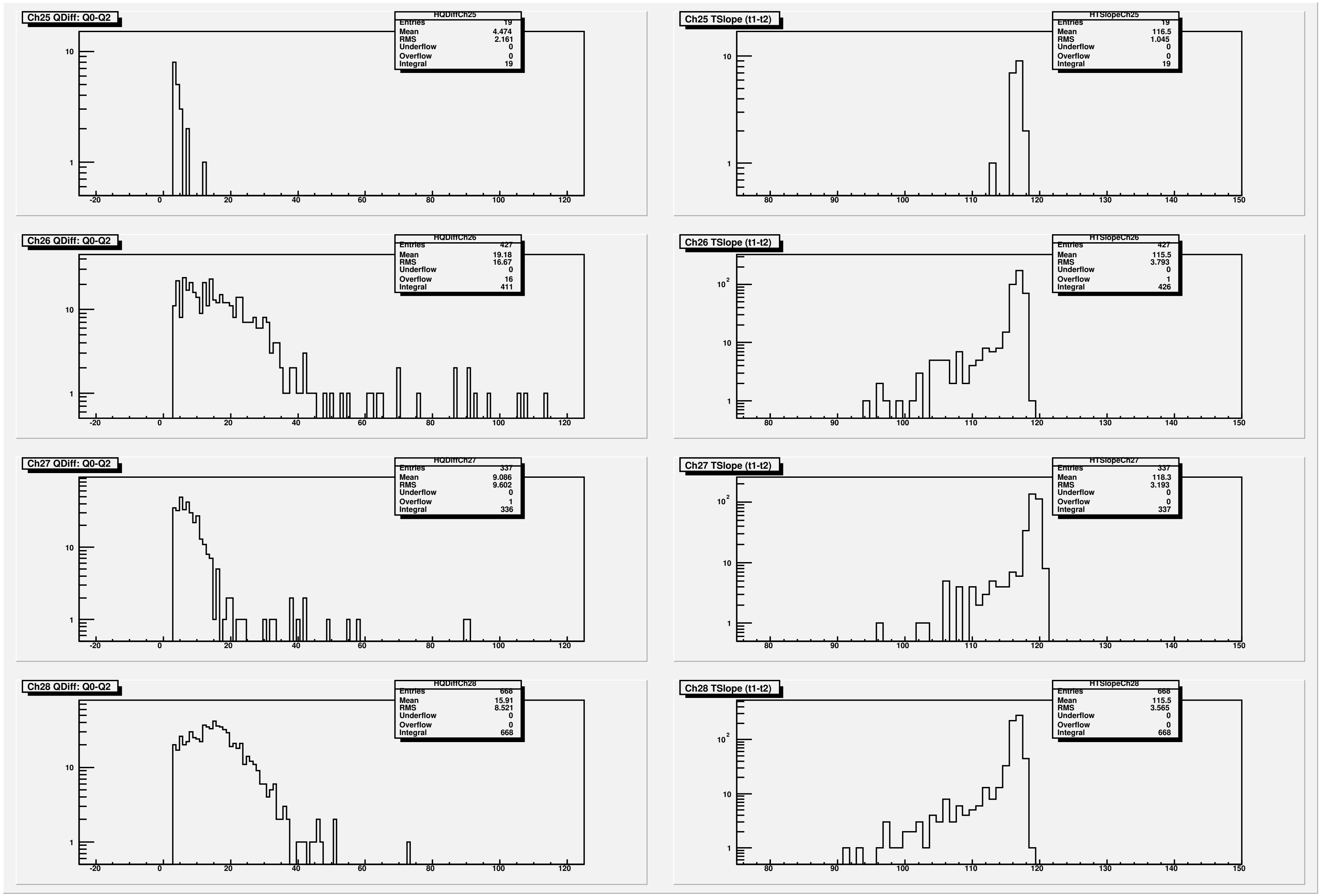

Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 213
Mean 15.14
RMS 19.44
Underflow 0
Overflow 5
Integral 208
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 213
Mean 117.7
RMS 7.892
Underflow 0
Overflow 29
Integral 184
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 275
Mean 17.34
RMS 18.59
Underflow 0
Overflow 9
Integral 266
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 275
Mean 117
RMS 8.947
Underflow 0
Overflow 39
Integral 236
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 178
Mean 18.45
RMS 19.44
Underflow 0
Overflow 5
Integral 173
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 178
Mean 117.8
RMS 8.557
Underflow 0
Overflow 26
Integral 152
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 105
Mean 15.16
RMS 18.77
Underflow 0
Overflow 5
Integral 100
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 105
Mean 116.9
RMS 8.153
Underflow 0
Overflow 18
Integral 87

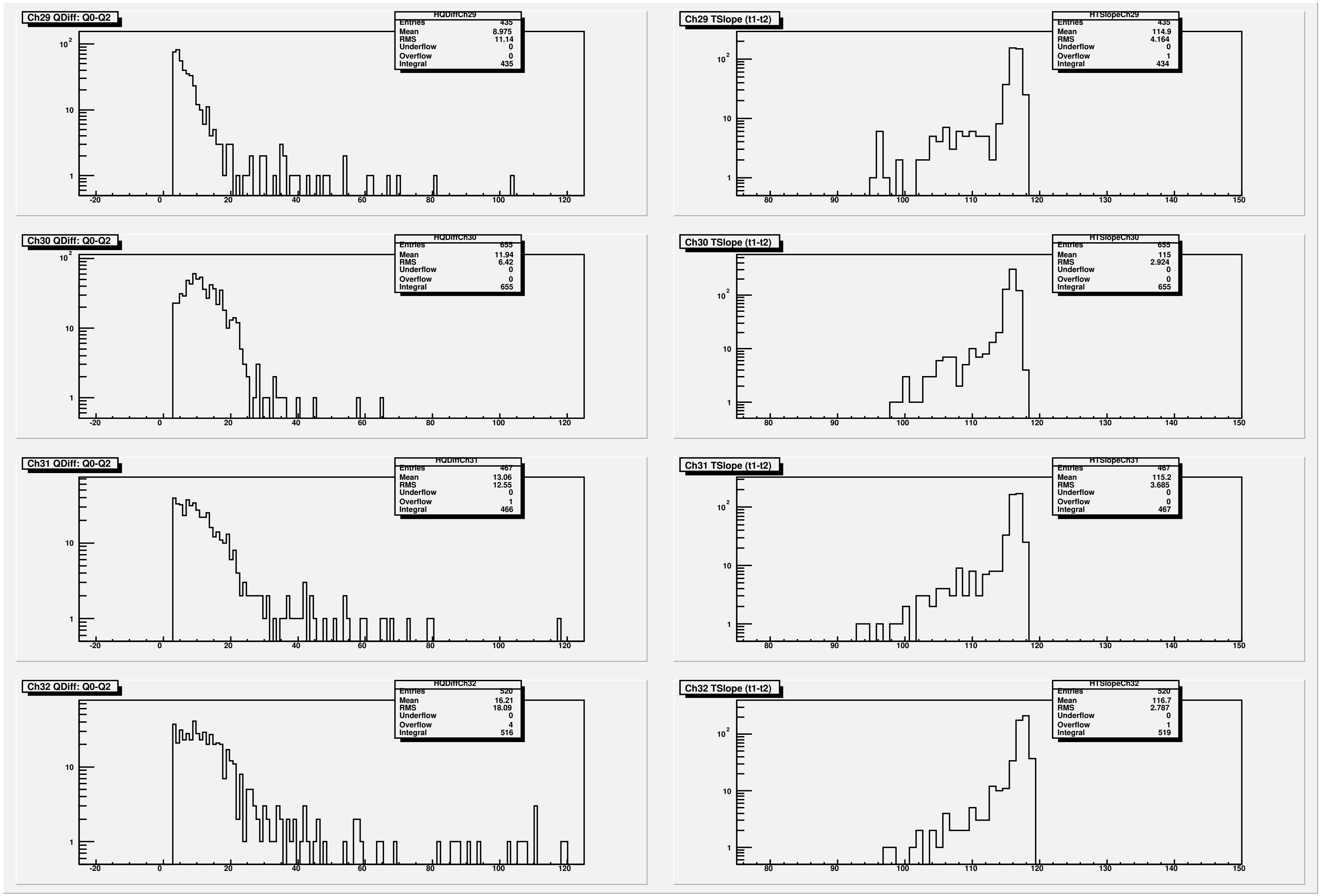


Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 261
Mean 12.44
RMS 13.81
Underflow 0
Overflow 1
Integral 260
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 261
Mean 119.2
RMS 4.122
Underflow 0
Overflow 1
Integral 260
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 232
Mean 8.078
RMS 9.43
Underflow 0
Overflow 0
Integral 232
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 232
Mean 119
RMS 4.193
Underflow 0
Overflow 0
Integral 232
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 289
Mean 17.03
RMS 17.91
Underflow 0
Overflow 12
Integral 277
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 289
Mean 119
RMS 3.67
Underflow 0
Overflow 0
Integral 289
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 279
Mean 15.33
RMS 15.3
Underflow 0
Overflow 1
Integral 278
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 279
Mean 118.6
RMS 4.077
Underflow 0
Overflow 0
Integral 279
-20 0 20 40 60 80 100 120
80 90 100 110 120 130 140 150
1 10 10^2

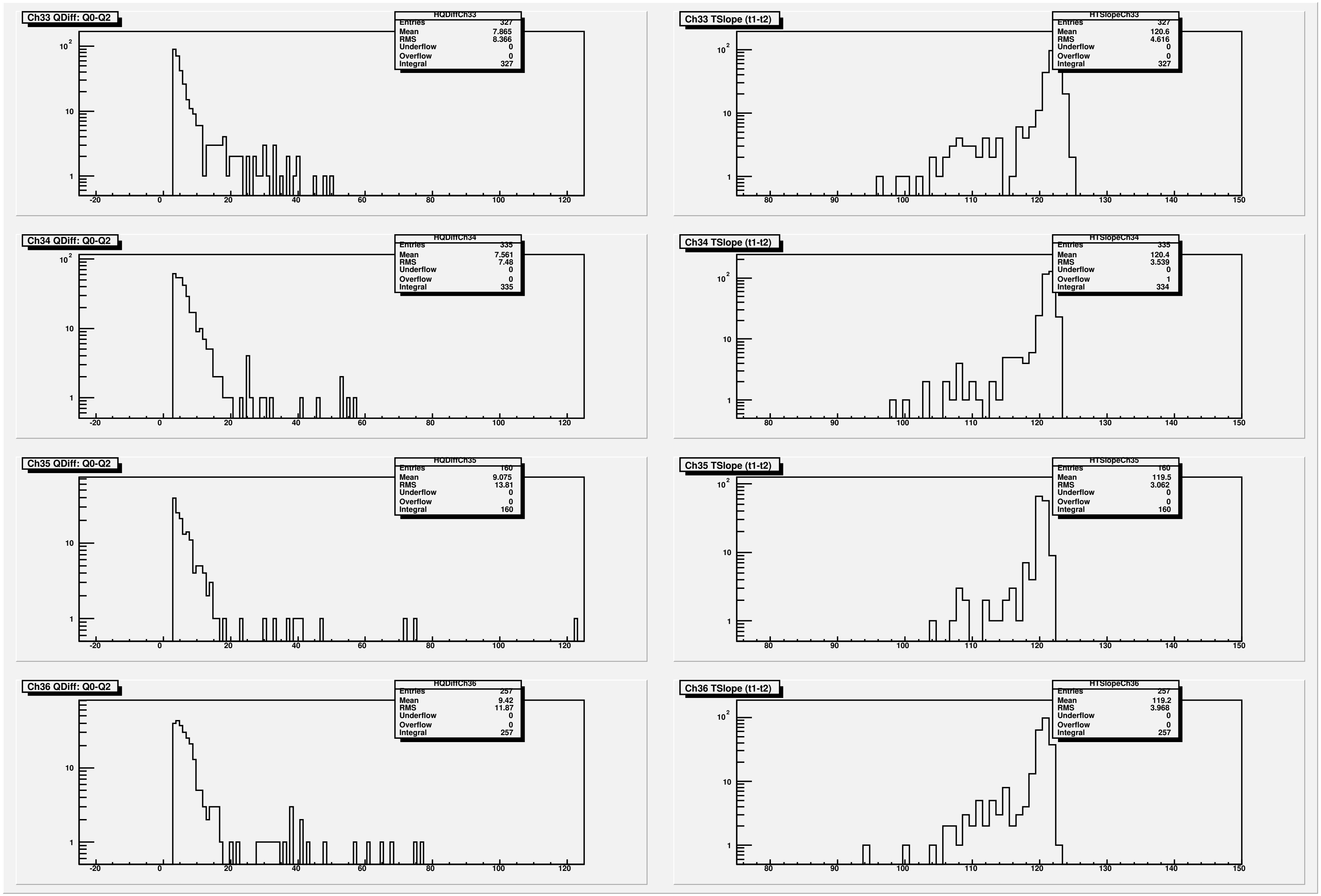


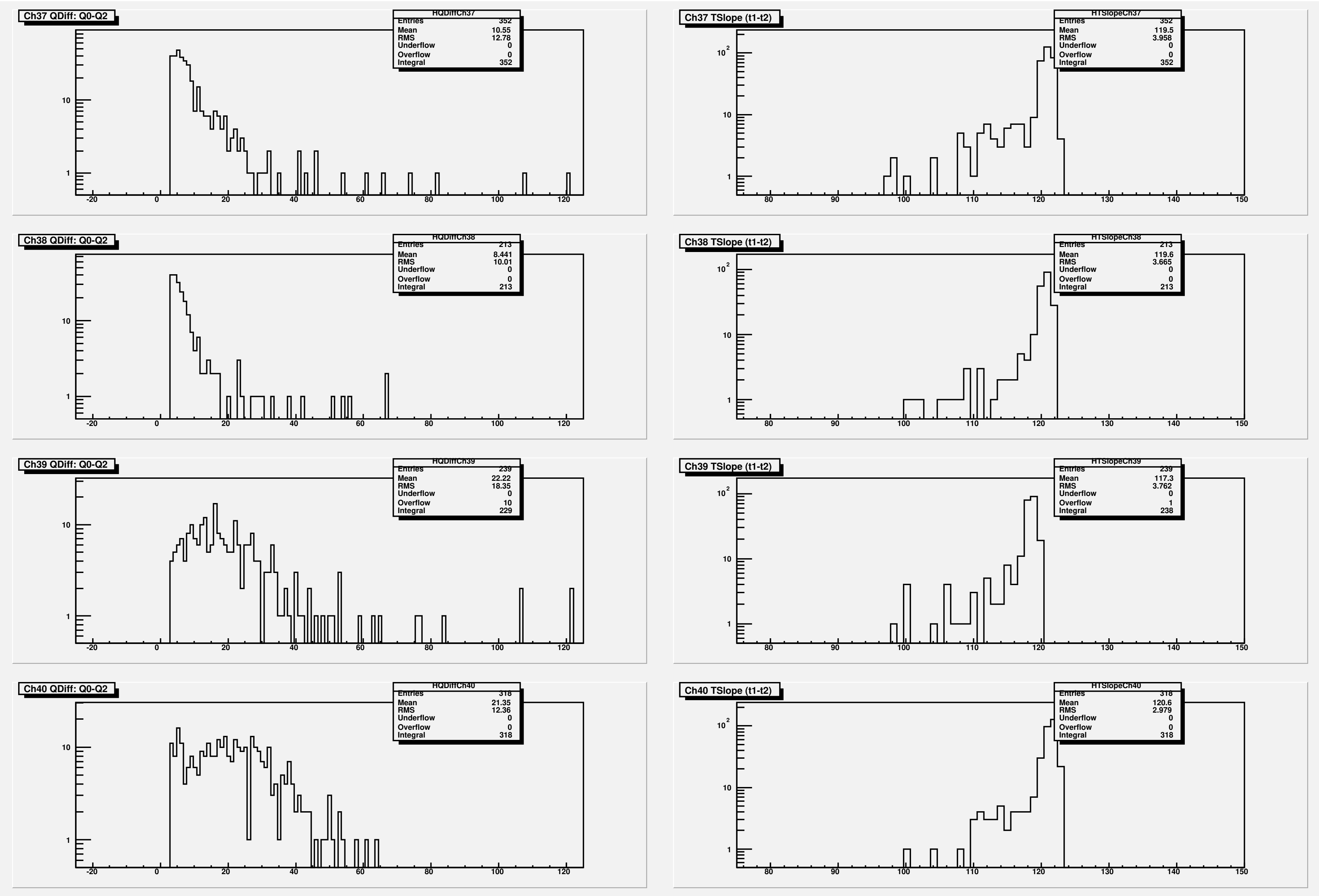
Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 211
Mean 14.15
RMS 16.42
Underflow 0
Overflow 0
Integral 211
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 211
Mean 119.4
RMS 3.158
Underflow 0
Overflow 0
Integral 211
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 326
Mean 18.15
RMS 17.1
Underflow 0
Overflow 6
Integral 320
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 326
Mean 118.3
RMS 3.912
Underflow 0
Overflow 0
Integral 326
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 223
Mean 19.54
RMS 17.41
Underflow 0
Overflow 3
Integral 220
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 223
Mean 118.5
RMS 2.655
Underflow 0
Overflow 1
Integral 222
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 181
Mean 20.29
RMS 21.59
Underflow 0
Overflow 4
Integral 177
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 181
Mean 118.9
RMS 3.982
Underflow 0
Overflow 0
Integral 181


Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 19
Mean 4.474
RMS 2.161
Underflow 0
Overflow 0
Integral 19
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 19
Mean 116.5
RMS 1.045
Underflow 0
Overflow 0
Integral 19
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 427
Mean 19.18
RMS 16.67
Underflow 0
Overflow 16
Integral 411
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 427
Mean 115.5
RMS 3.793
Underflow 0
Overflow 1
Integral 426
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 337
Mean 9.086
RMS 9.602
Underflow 0
Overflow 1
Integral 336
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 337
Mean 118.3
RMS 3.193
Underflow 0
Overflow 0
Integral 337
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 668
Mean 15.91
RMS 8.521
Underflow 0
Overflow 0
Integral 668
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 668
Mean 115.5
RMS 3.565
Underflow 0
Overflow 0
Integral 668

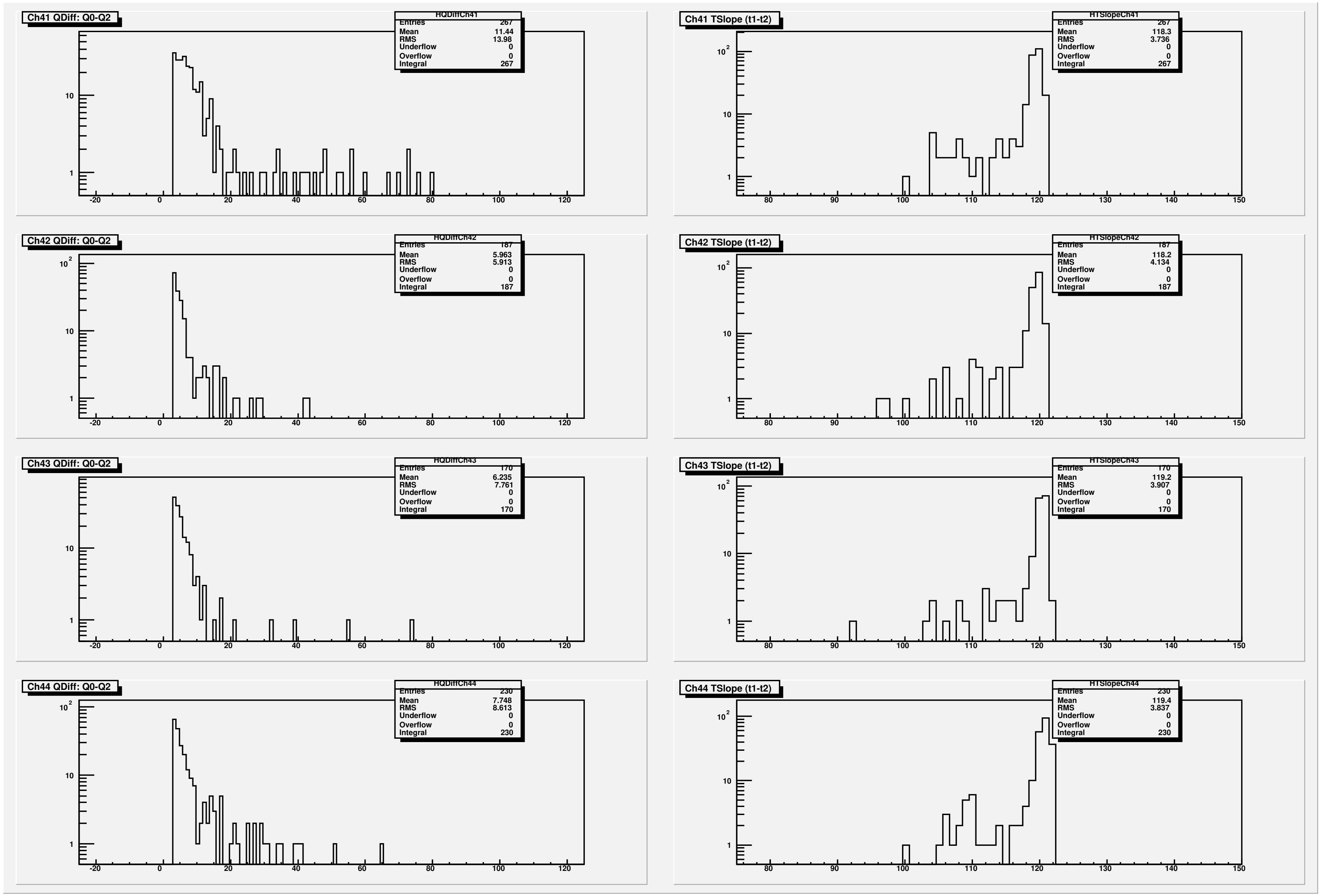


Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 435
Mean 8.975
RMS 11.14
Underflow 0
Overflow 0
Integral 435
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 435
Mean 114.9
RMS 4.164
Underflow 0
Overflow 1
Integral 434
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 655
Mean 11.94
RMS 6.42
Underflow 0
Overflow 0
Integral 655
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 655
Mean 115
RMS 2.924
Underflow 0
Overflow 0
Integral 655
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 467
Mean 13.06
RMS 12.55
Underflow 0
Overflow 1
Integral 466
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 467
Mean 115.2
RMS 3.685
Underflow 0
Overflow 0
Integral 467
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 520
Mean 16.21
RMS 18.09
Underflow 0
Overflow 4
Integral 516
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 520
Mean 116.7
RMS 2.787
Underflow 0
Overflow 1
Integral 519


Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 327
Mean 7.865
RMS 8.366
Underflow 0
Overflow 0
Integral 327
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 327
Mean 120.6
RMS 4.616
Underflow 0
Overflow 0
Integral 327
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 335
Mean 7.561
RMS 7.48
Underflow 0
Overflow 0
Integral 335
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 335
Mean 120.4
RMS 3.539
Underflow 0
Overflow 1
Integral 334
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 160
Mean 9.075
RMS 13.81
Underflow 0
Overflow 0
Integral 160
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 160
Mean 119.5
RMS 3.062
Underflow 0
Overflow 0
Integral 160
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 257
Mean 9.42
RMS 11.87
Underflow 0
Overflow 0
Integral 257
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 257
Mean 119.2
RMS 3.968
Underflow 0
Overflow 0
Integral 257



Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 352
Mean 10.55
RMS 12.78
Underflow 0
Overflow 0
Integral 352
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 352
Mean 119.5
RMS 3.958
Underflow 0
Overflow 0
Integral 352
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 213
Mean 8.441
RMS 10.01
Underflow 0
Overflow 0
Integral 213
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 213
Mean 119.6
RMS 3.665
Underflow 0
Overflow 0
Integral 213
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 239
Mean 22.22
RMS 18.35
Underflow 0
Overflow 10
Integral 229
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 239
Mean 117.3
RMS 3.762
Underflow 0
Overflow 1
Integral 238
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 318
Mean 21.35
RMS 12.36
Underflow 0
Overflow 0
Integral 318
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 318
Mean 120.6
RMS 2.979
Underflow 0
Overflow 0
Integral 318



Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 267
Mean 11.44
RMS 13.98
Underflow 0
Overflow 0
Integral 267
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 267
Mean 118.3
RMS 3.736
Underflow 0
Overflow 0
Integral 267
Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 187
Mean 5.963
RMS 5.913
Underflow 0
Overflow 0
Integral 187
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 187
Mean 118.2
RMS 4.134
Underflow 0
Overflow 0
Integral 187
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 170
Mean 6.235
RMS 7.761
Underflow 0
Overflow 0
Integral 170
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 170
Mean 119.2
RMS 3.907
Underflow 0
Overflow 0
Integral 170
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 230
Mean 7.748
RMS 8.613
Underflow 0
Overflow 0
Integral 230
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 230
Mean 119.4
RMS 3.837
Underflow 0
Overflow 0
Integral 230