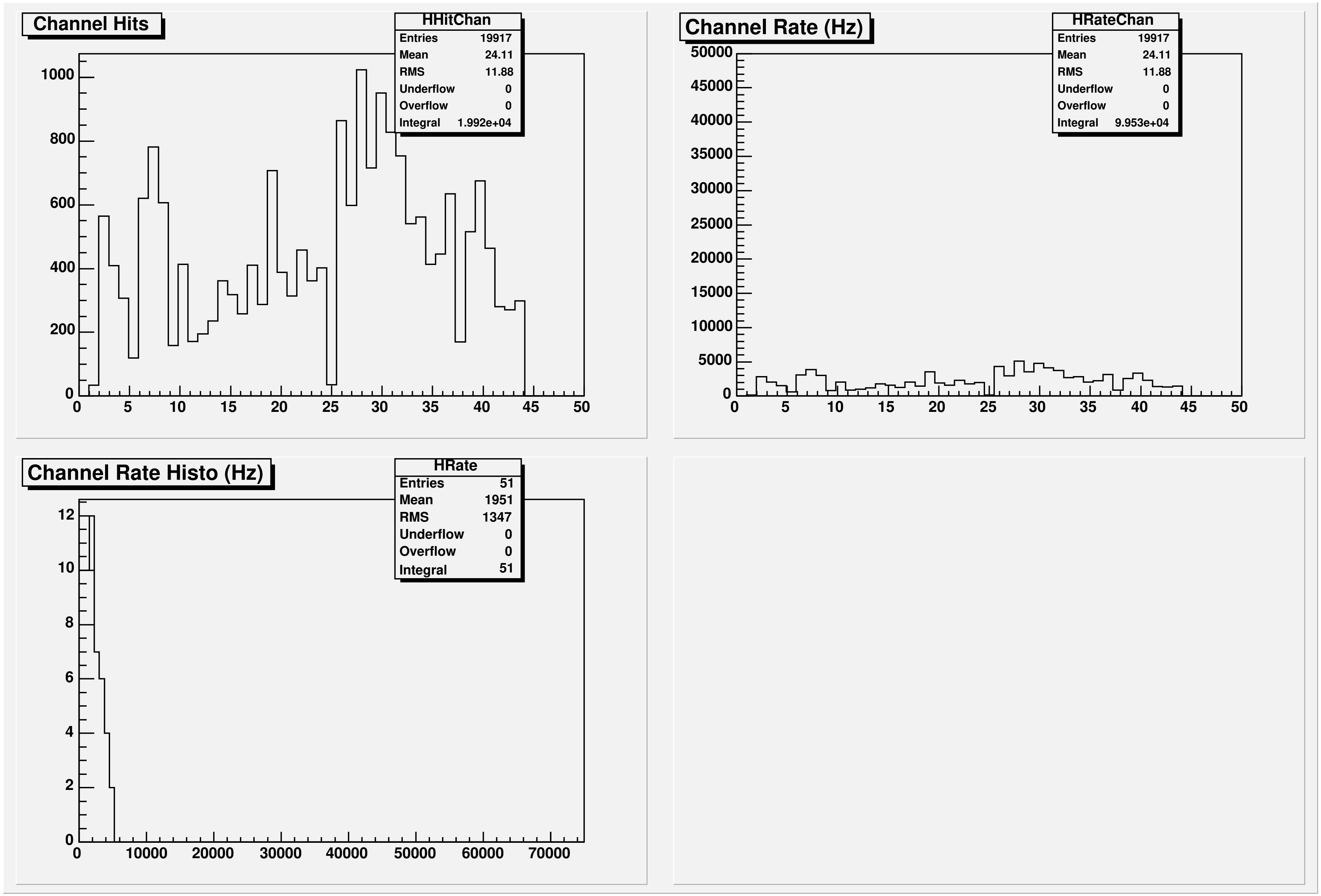
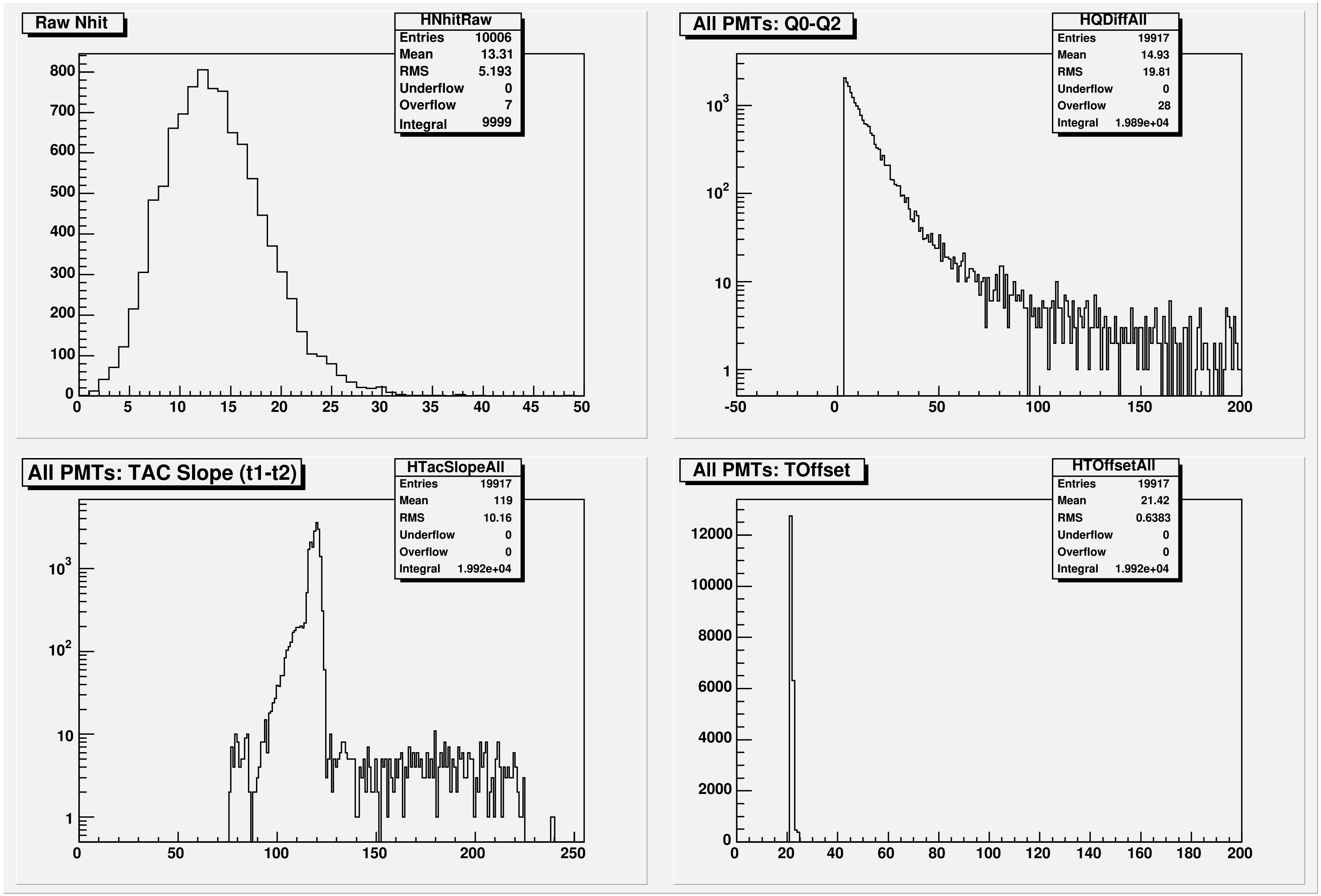
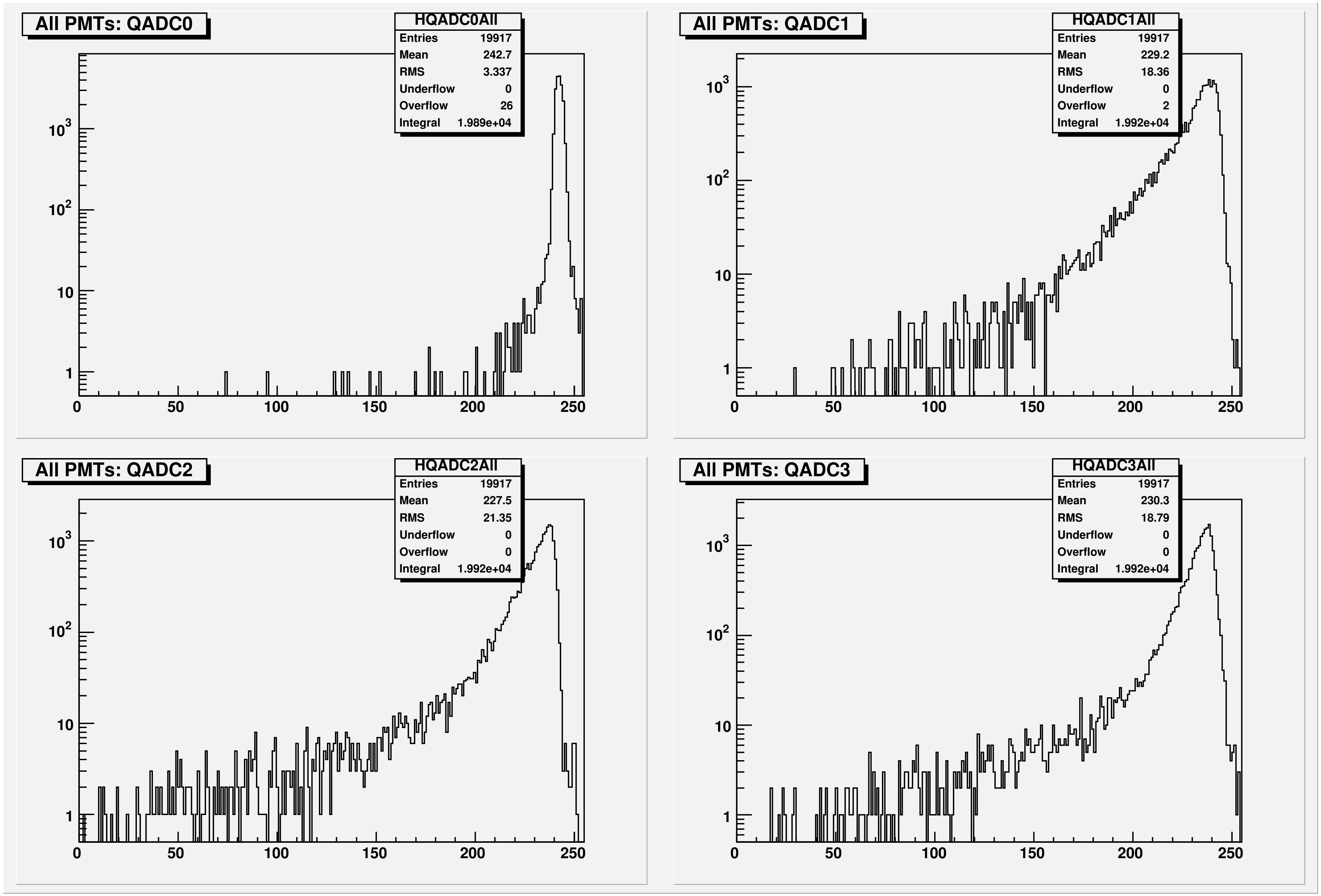
RUN: VlandUnCal Run11476 LEDTCut-QCut

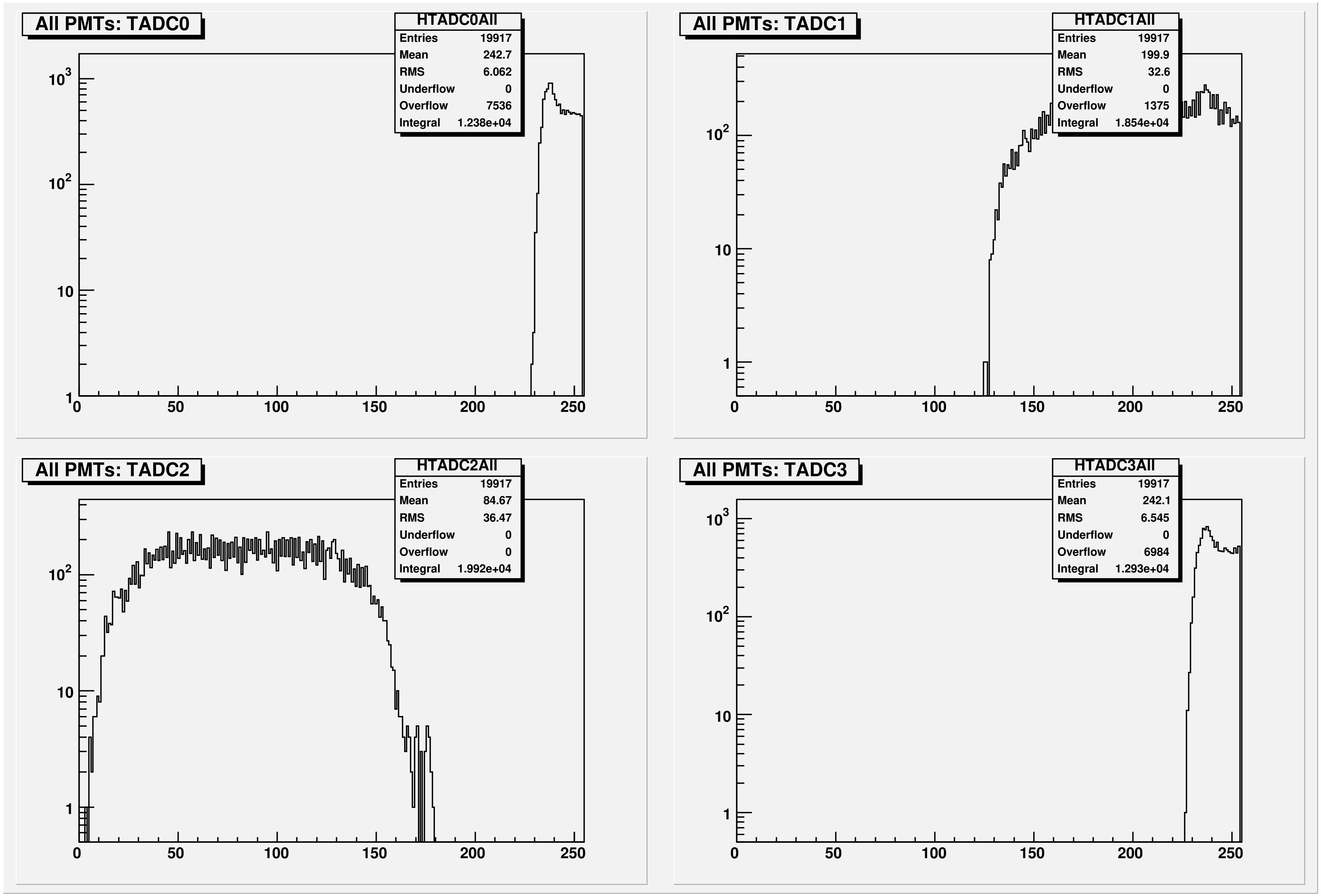

Channel Hits
HHitChan
Entries 19917
Mean 24.11
RMS 11.88
Underflow 0
Overflow 0
Integral 1.992e+04
Channel Rate (Hz)
HRateChan
Entries 19917
Mean 24.11
RMS 11.88
Underflow 0
Overflow 0
Integral 9.953e+04
Channel Rate Histo (Hz)
HRate
Entries 51
Mean 1951
RMS 1347
Underflow 0
Overflow 0
Integral 51

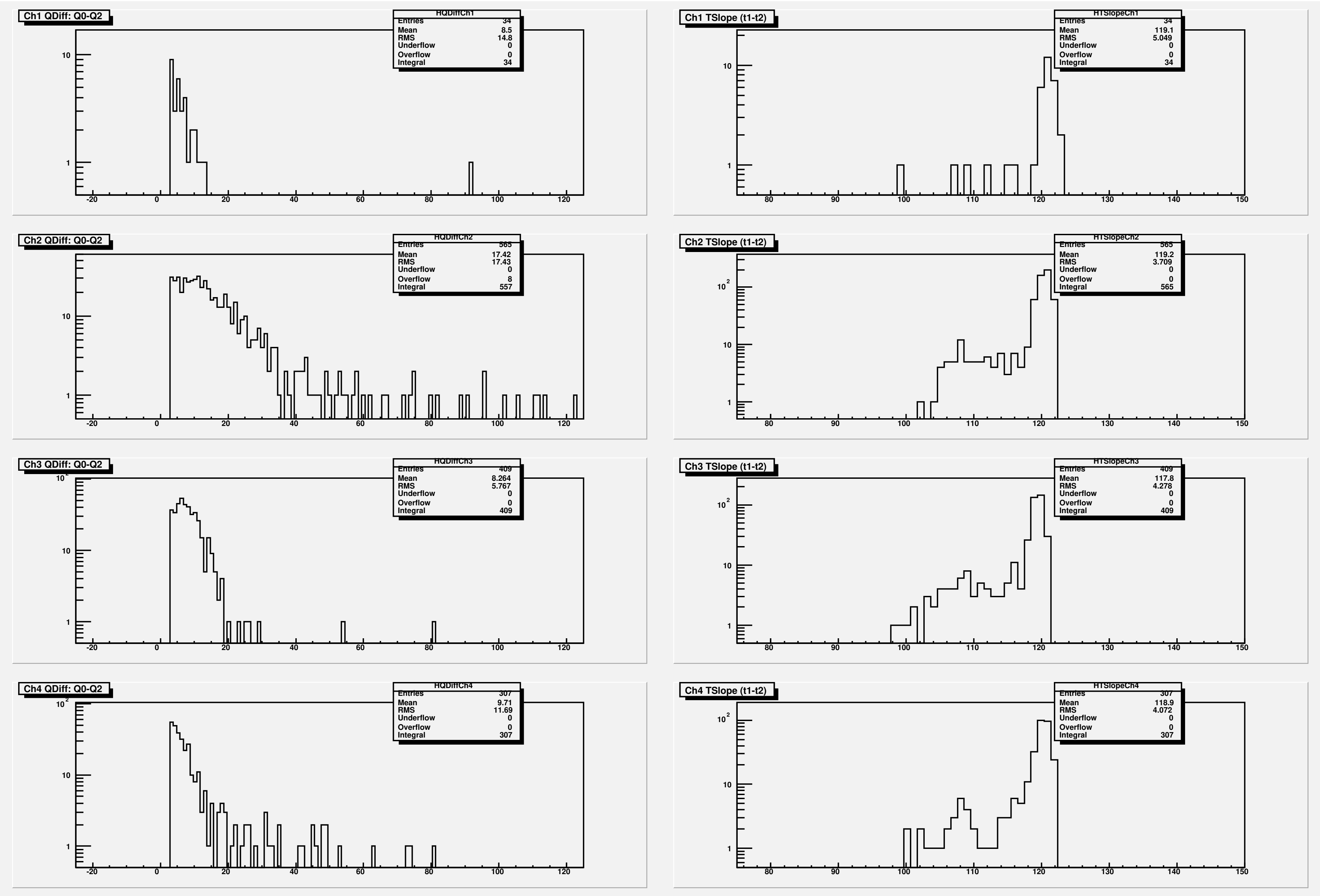


Raw Nhit
HNhitRaw
Entries 10006
Mean 13.31
RMS 5.193
Underflow 0
Overflow 7
Integral 9999
0 100 200 300 400 500 600 700 800
0 5 10 15 20 25 30 35 40 45 50
All PMTs: Q0-Q2
HQDiffAll
Entries 19917
Mean 14.93
RMS 19.81
Underflow 0
Overflow 28
Integral 1.989e+04
1 10 10^2 10^3
-50 0 50 100 150 200
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 19917
Mean 119
RMS 10.16
Underflow 0
Overflow 0
Integral 1.992e+04
1 10 10^2 10^3
0 50 100 150 200 250
All PMTs: TOffset
HTOffsetAll
Entries 19917
Mean 21.42
RMS 0.6383
Underflow 0
Overflow 0
Integral 1.992e+04
0 2000 4000 6000 8000 10000 12000
0 20 40 60 80 100 120 140 160 180 200

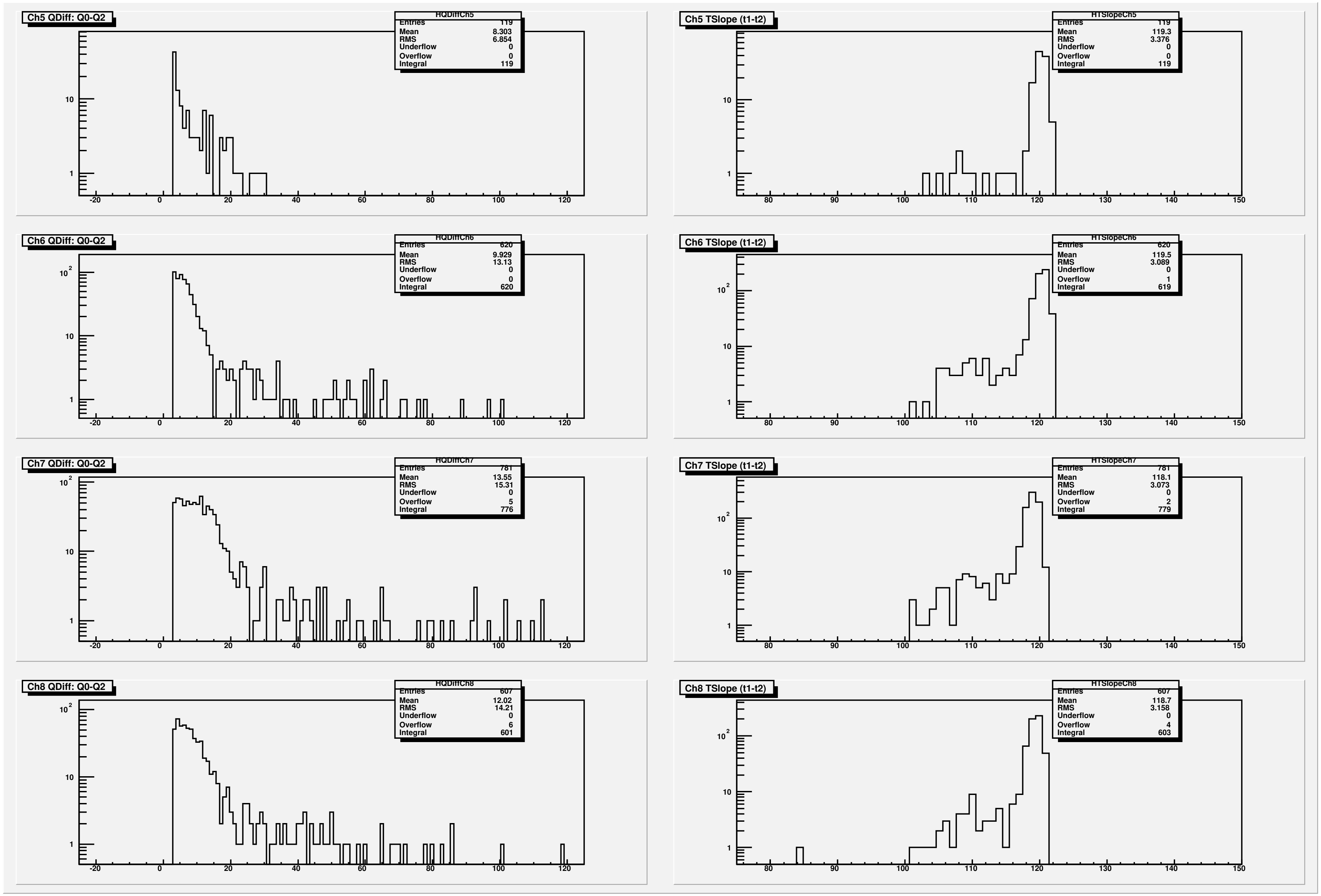


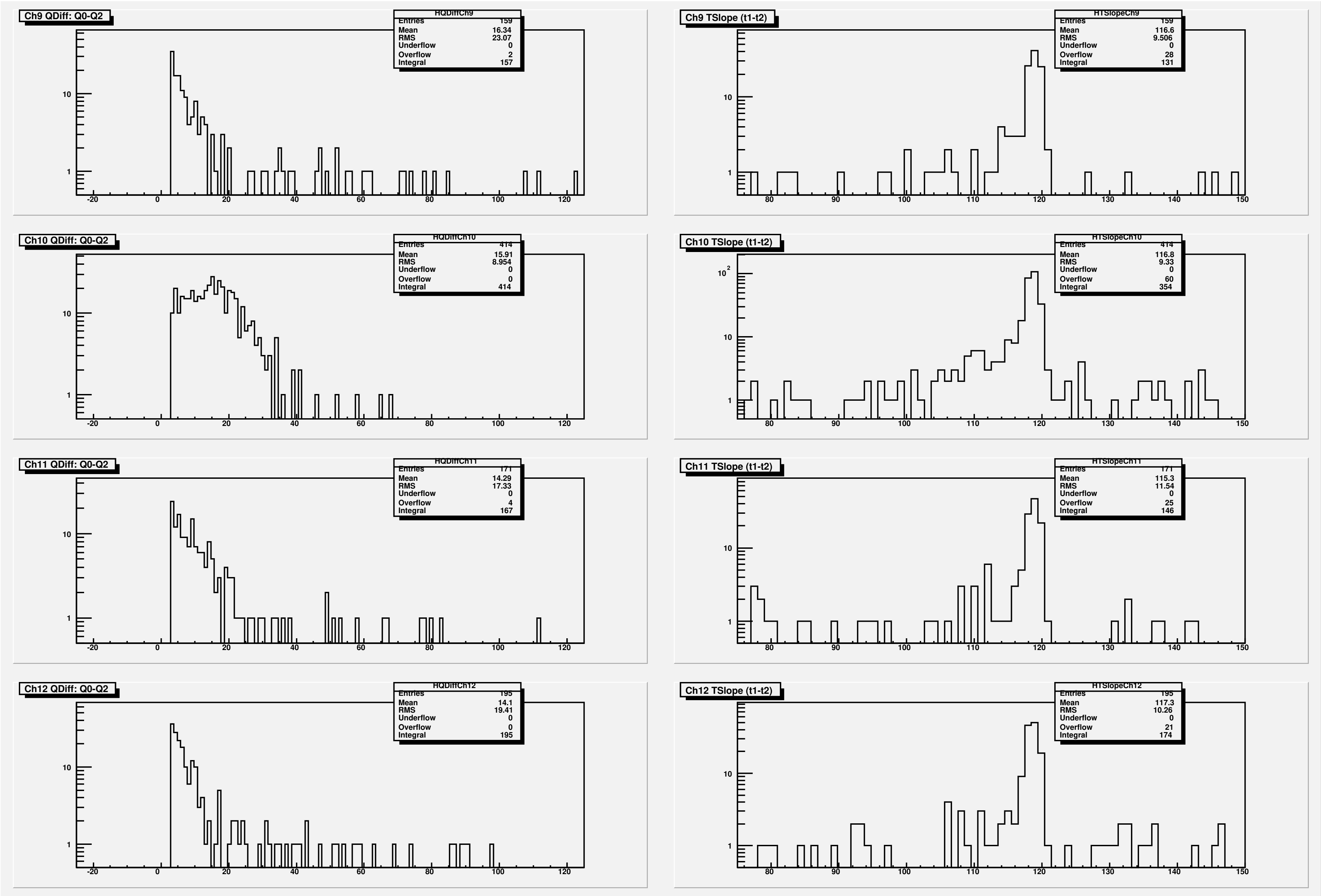
All PMTs: QADC0
HQADC0All
Entries 19917
Mean 242.7
RMS 3.337
Underflow 0
Overflow 26
Integral 1.989e+04
All PMTs: QADC1
HQADC1All
Entries 19917
Mean 229.2
RMS 18.36
Underflow 0
Overflow 2
Integral 1.992e+04
All PMTs: QADC2
HQADC2All
Entries 19917
Mean 227.5
RMS 21.35
Underflow 0
Overflow 0
Integral 1.992e+04
All PMTs: QADC3
HQADC3All
Entries 19917
Mean 230.3
RMS 18.79
Underflow 0
Overflow 0
Integral 1.992e+04


All PMTs: TADC0
HTADC0All
Entries 19917
Mean 242.7
RMS 6.062
Underflow 0
Overflow 7536
Integral 1.238e+04
All PMTs: TADC1
HTADC1All
Entries 19917
Mean 199.9
RMS 32.6
Underflow 0
Overflow 1375
Integral 1.854e+04
All PMTs: TADC2
HTADC2All
Entries 19917
Mean 84.67
RMS 36.47
Underflow 0
Overflow 0
Integral 1.992e+04
All PMTs: TADC3
HTADC3All
Entries 19917
Mean 242.1
RMS 6.545
Underflow 0
Overflow 6984
Integral 1.293e+04
0
50
100
150
200
250
1
10
10^2
10^3

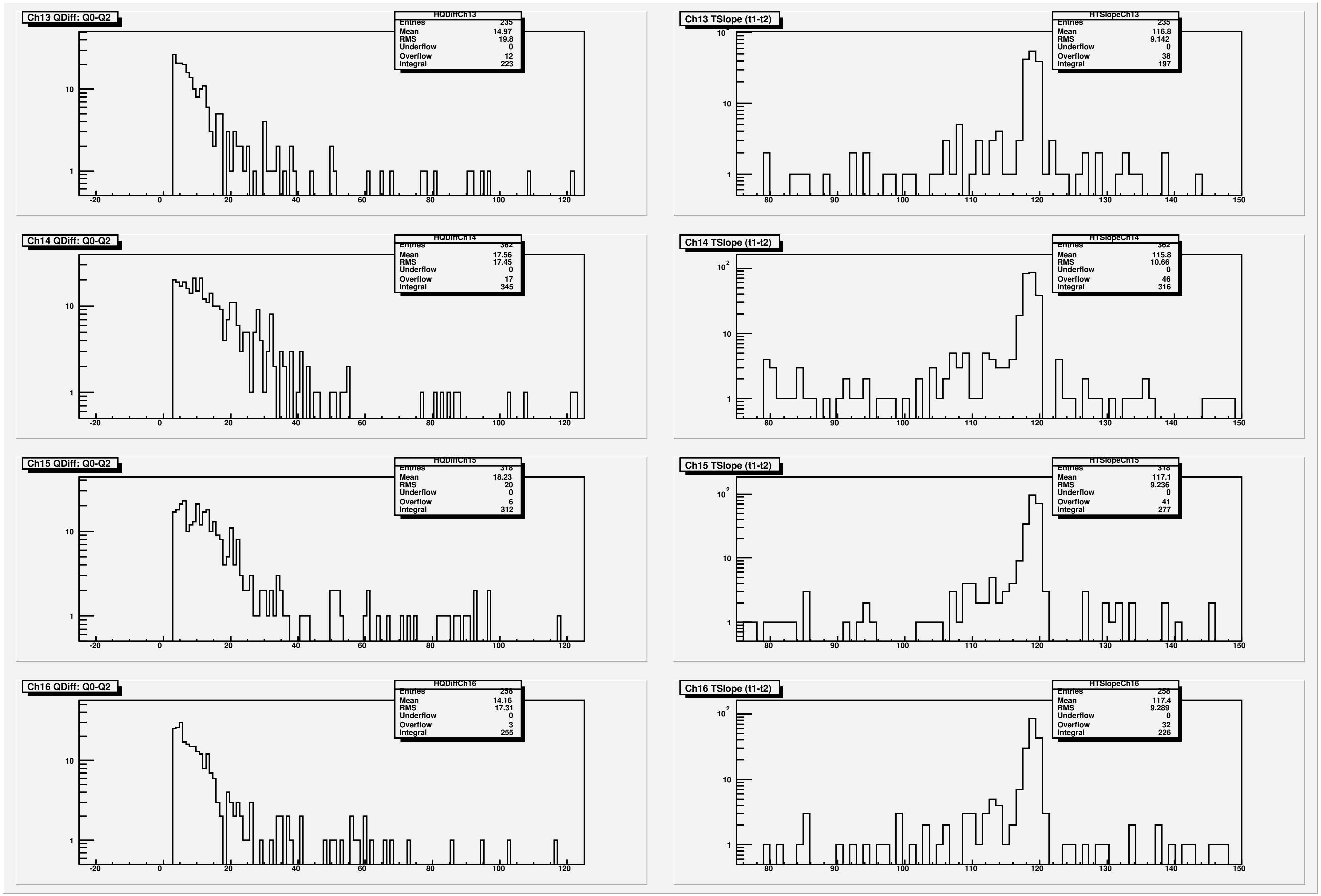


Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 34
Mean 8.5
RMS 14.8
Underflow 0
Overflow 0
Integral 34
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 34
Mean 119.1
RMS 5.049
Underflow 0
Overflow 0
Integral 34
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 565
Mean 17.42
RMS 17.43
Underflow 0
Overflow 8
Integral 557
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 565
Mean 119.2
RMS 3.709
Underflow 0
Overflow 0
Integral 565
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 409
Mean 8.264
RMS 5.767
Underflow 0
Overflow 0
Integral 409
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 409
Mean 117.8
RMS 4.278
Underflow 0
Overflow 0
Integral 409
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 307
Mean 9.71
RMS 11.69
Underflow 0
Overflow 0
Integral 307
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 307
Mean 118.9
RMS 4.072
Underflow 0
Overflow 0
Integral 307

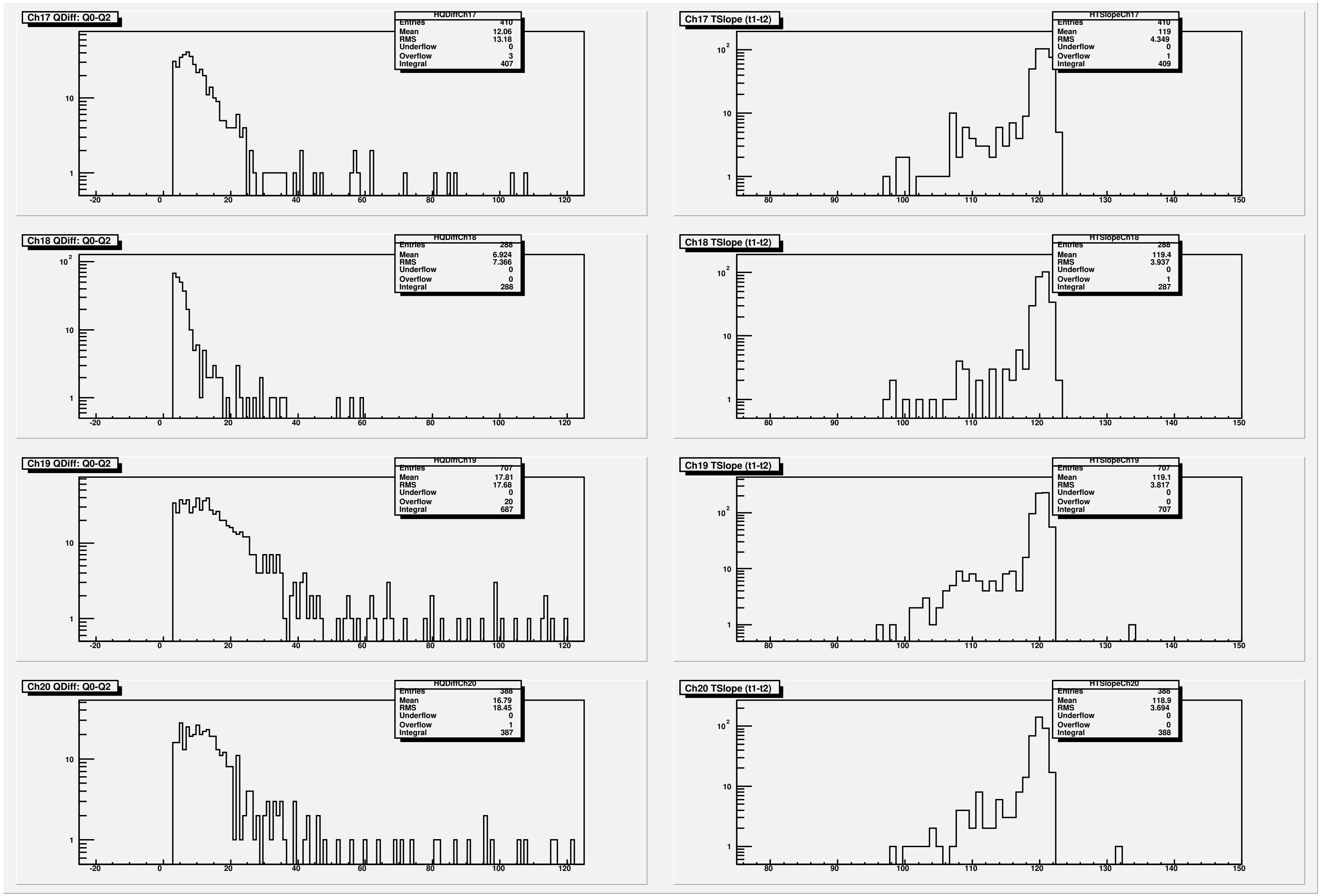

Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 119
Mean 8.303
RMS 6.854
Underflow 0
Overflow 0
Integral 119
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 119
Mean 119.3
RMS 3.376
Underflow 0
Overflow 0
Integral 119
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 620
Mean 9.929
RMS 13.13
Underflow 0
Overflow 0
Integral 620
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 620
Mean 119.5
RMS 3.089
Underflow 0
Overflow 1
Integral 619
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 781
Mean 13.55
RMS 15.31
Underflow 0
Overflow 5
Integral 776
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 781
Mean 118.1
RMS 3.073
Underflow 0
Overflow 2
Integral 779
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 607
Mean 12.02
RMS 14.21
Underflow 0
Overflow 6
Integral 601
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 607
Mean 118.7
RMS 3.158
Underflow 0
Overflow 4
Integral 603



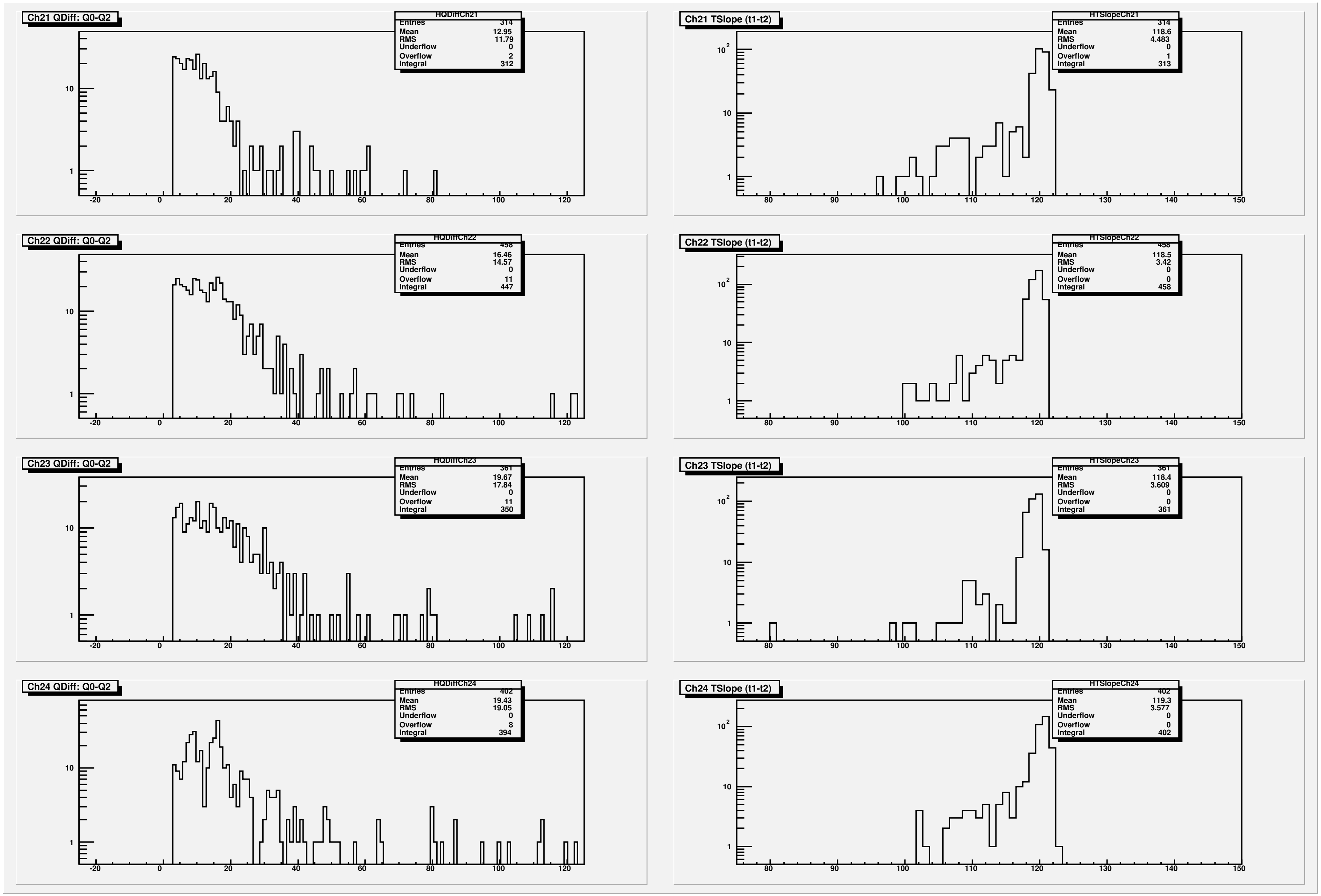
Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 159
Mean 16.34
RMS 23.07
Underflow 0
Overflow 2
Integral 157
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 159
Mean 116.6
RMS 9.506
Underflow 0
Overflow 28
Integral 131
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 414
Mean 15.91
RMS 8.954
Underflow 0
Overflow 0
Integral 414
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 414
Mean 116.8
RMS 9.33
Underflow 0
Overflow 60
Integral 354
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 171
Mean 14.29
RMS 17.33
Underflow 0
Overflow 4
Integral 167
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 171
Mean 115.3
RMS 11.54
Underflow 0
Overflow 25
Integral 146
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 195
Mean 14.1
RMS 19.41
Underflow 0
Overflow 0
Integral 195
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 195
Mean 117.3
RMS 10.26
Underflow 0
Overflow 21
Integral 174



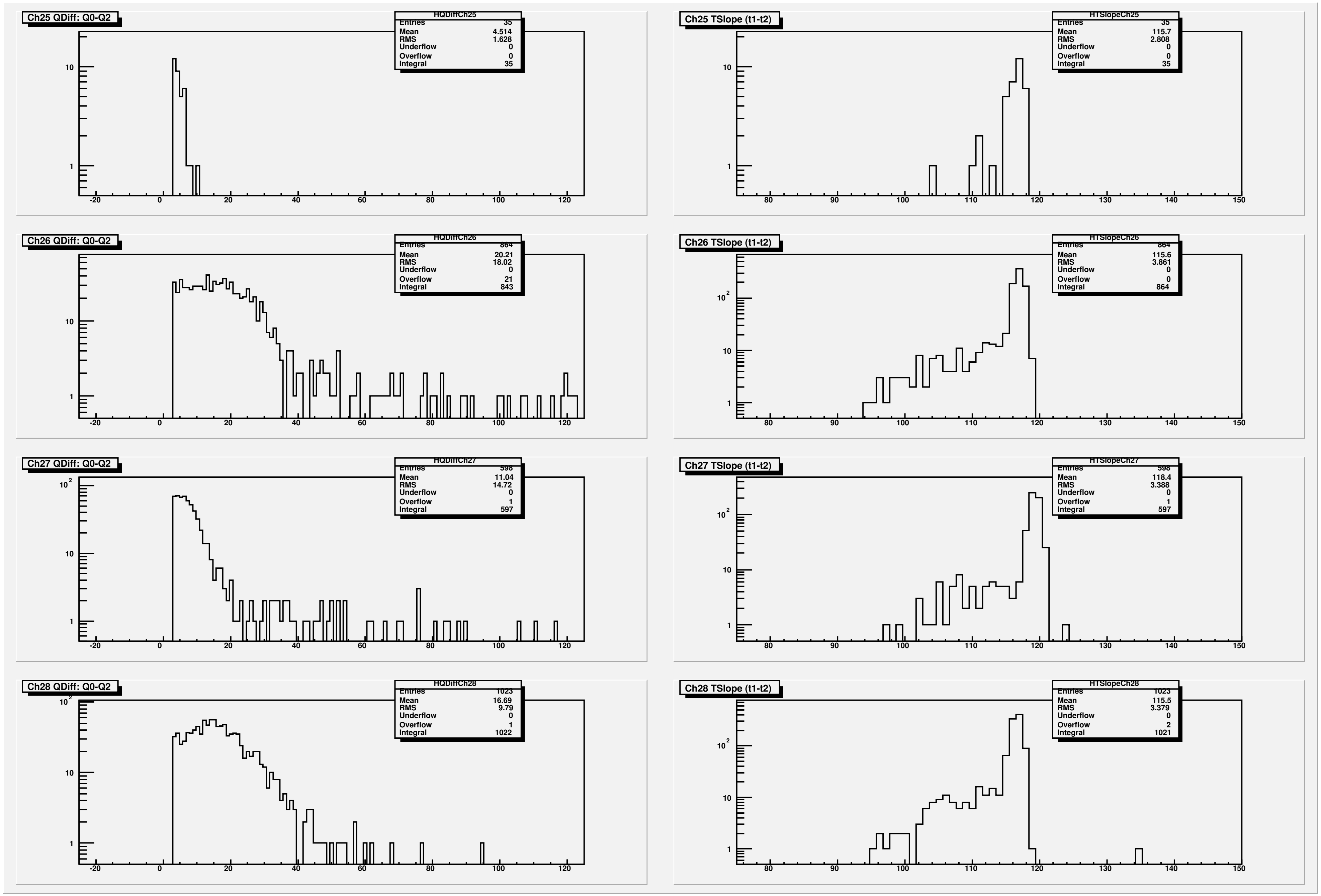
Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 235
Mean 14.97
RMS 19.8
Underflow 0
Overflow 12
Integral 223
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 235
Mean 116.8
RMS 9.142
Underflow 0
Overflow 38
Integral 197
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 362
Mean 17.56
RMS 17.45
Underflow 0
Overflow 17
Integral 345
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 362
Mean 115.8
RMS 10.66
Underflow 0
Overflow 46
Integral 316
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 318
Mean 18.23
RMS 20
Underflow 0
Overflow 6
Integral 312
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 318
Mean 117.1
RMS 9.236
Underflow 0
Overflow 41
Integral 277
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 258
Mean 14.16
RMS 17.31
Underflow 0
Overflow 3
Integral 255
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 258
Mean 117.4
RMS 9.289
Underflow 0
Overflow 32
Integral 226



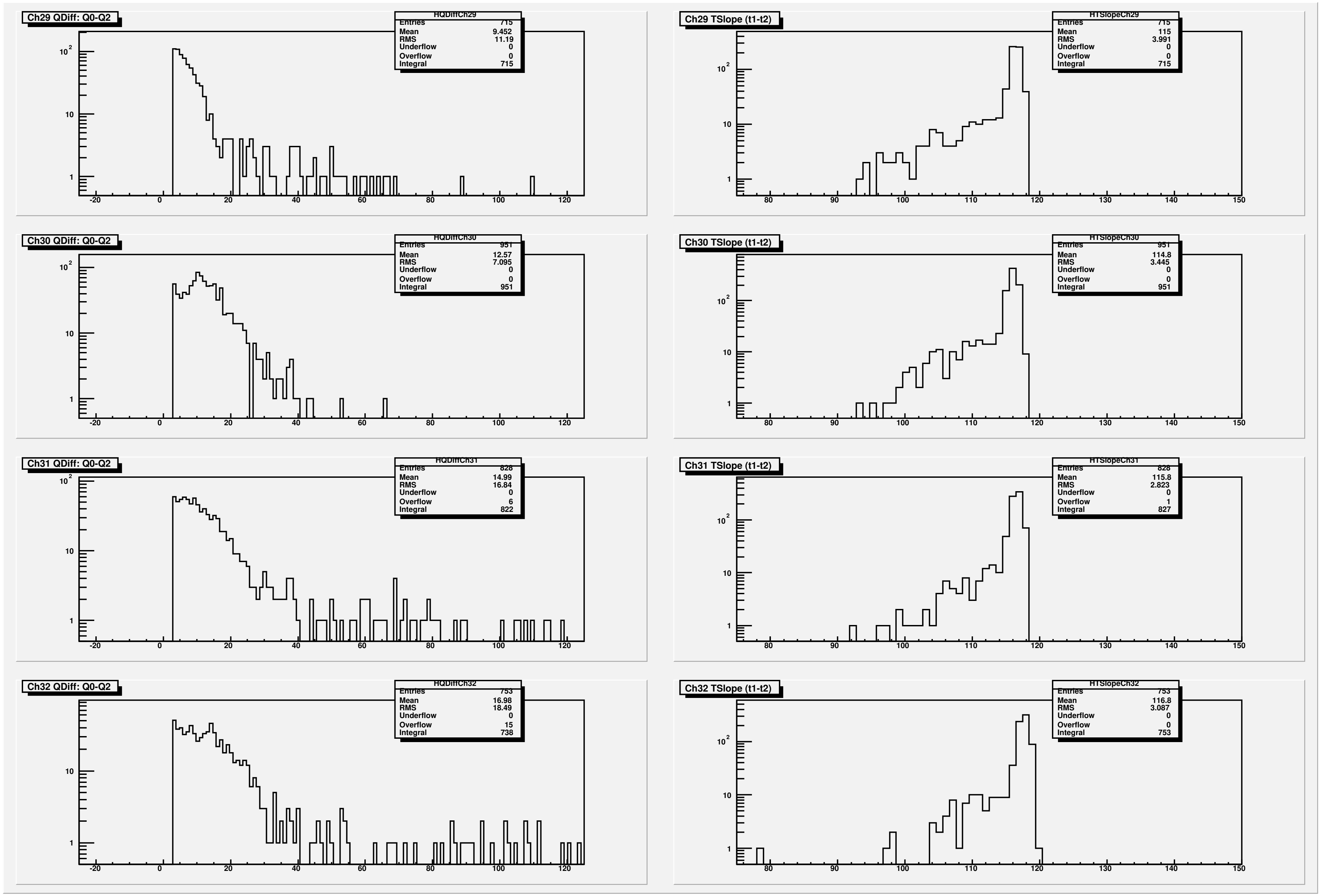
Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 410
Mean 12.06
RMS 13.18
Underflow 0
Overflow 3
Integral 407
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 410
Mean 119
RMS 4.349
Underflow 0
Overflow 1
Integral 409
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 288
Mean 6.924
RMS 7.366
Underflow 0
Overflow 0
Integral 288
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 288
Mean 119.4
RMS 3.937
Underflow 0
Overflow 1
Integral 287
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 707
Mean 17.81
RMS 17.68
Underflow 0
Overflow 20
Integral 687
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 707
Mean 119.1
RMS 3.817
Underflow 0
Overflow 0
Integral 707
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 388
Mean 16.79
RMS 18.45
Underflow 0
Overflow 1
Integral 387
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 388
Mean 118.9
RMS 3.694
Underflow 0
Overflow 0
Integral 388

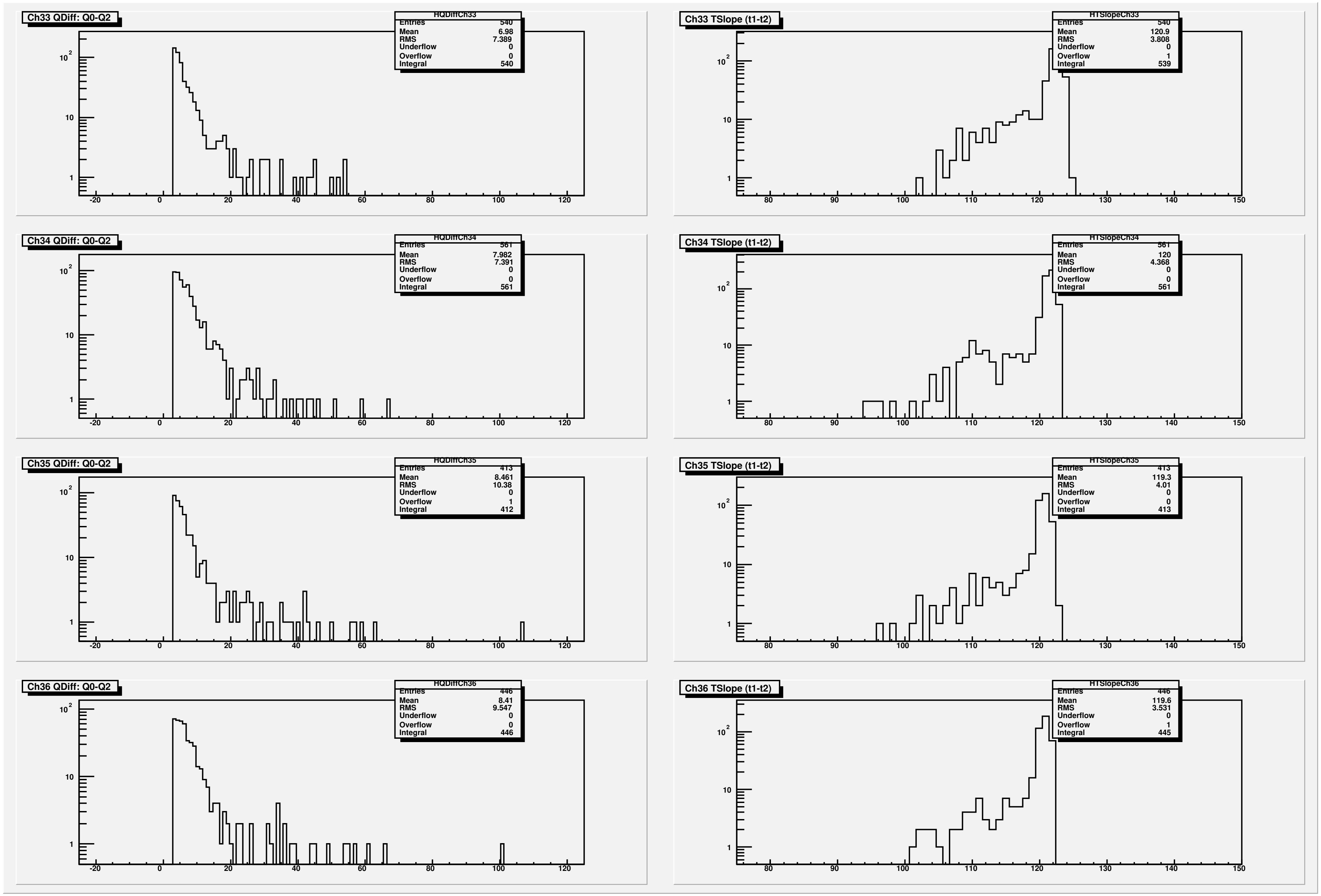


Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 314
Mean 12.95
RMS 11.79
Underflow 0
Overflow 2
Integral 312
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 314
Mean 118.6
RMS 4.483
Underflow 0
Overflow 1
Integral 313
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 458
Mean 16.46
RMS 14.57
Underflow 0
Overflow 11
Integral 447
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 458
Mean 118.5
RMS 3.42
Underflow 0
Overflow 0
Integral 458
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 361
Mean 19.67
RMS 17.84
Underflow 0
Overflow 11
Integral 350
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 361
Mean 118.4
RMS 3.609
Underflow 0
Overflow 0
Integral 361
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 402
Mean 19.43
RMS 19.05
Underflow 0
Overflow 8
Integral 394
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 402
Mean 119.3
RMS 3.577
Underflow 0
Overflow 0
Integral 402

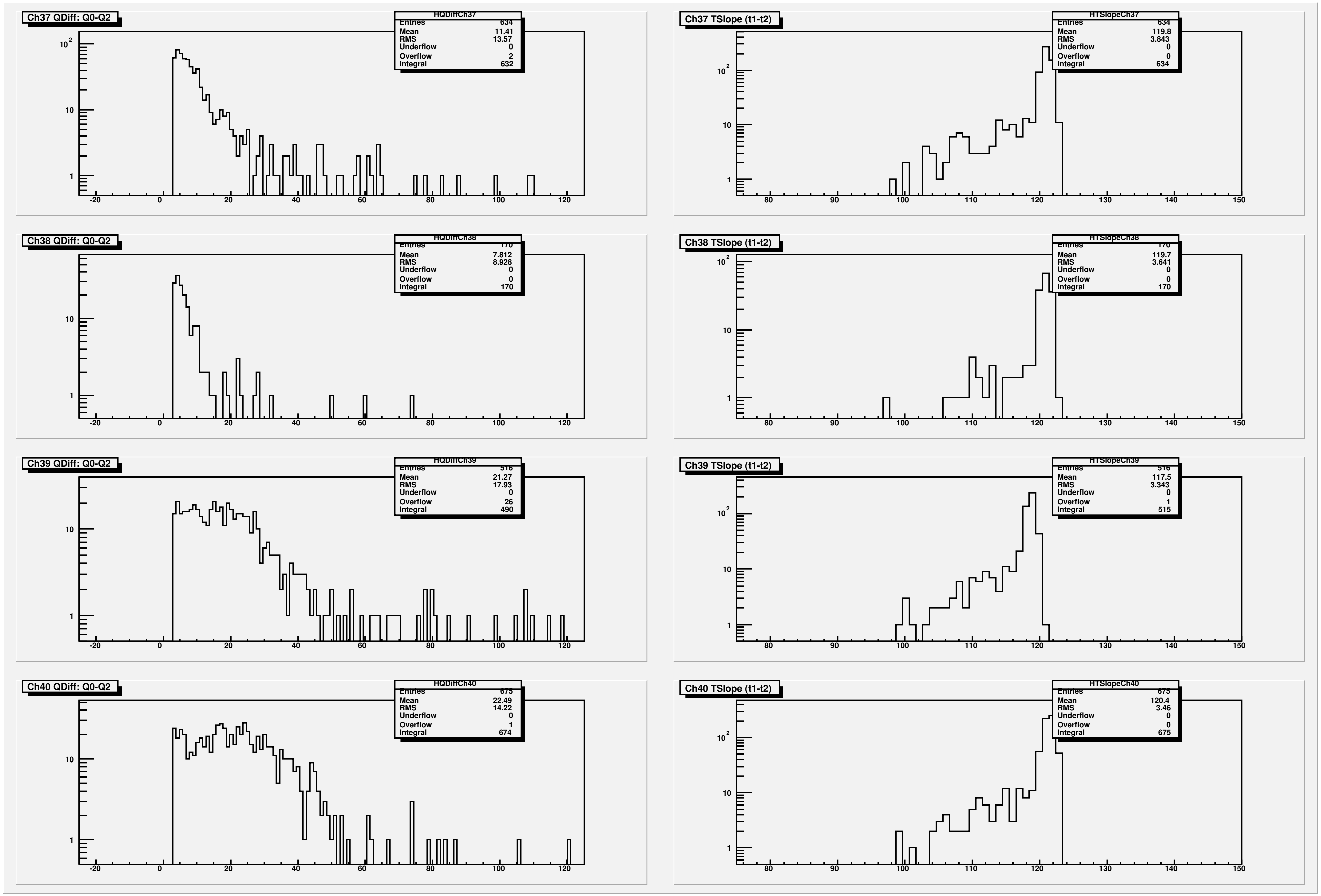


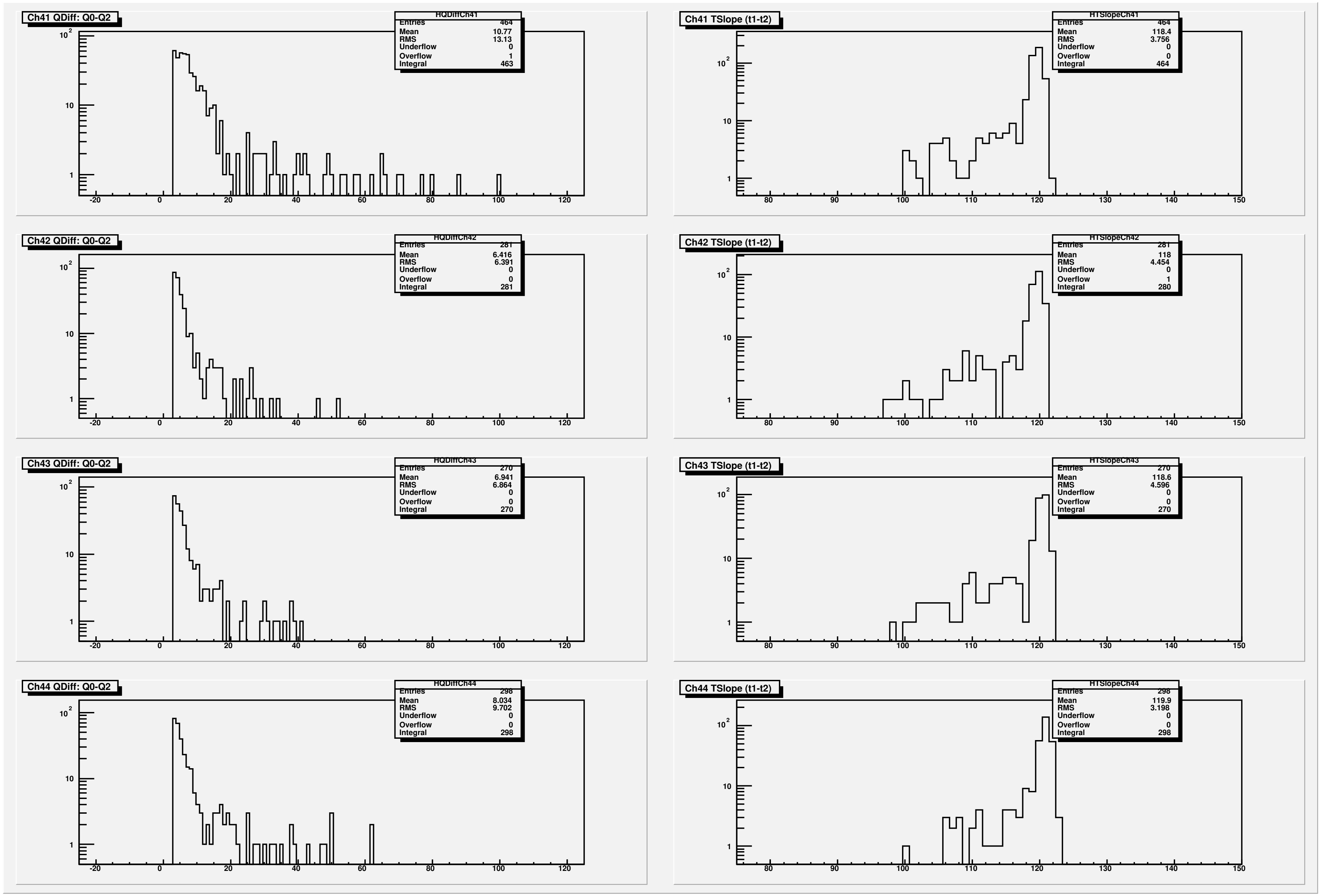
Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 35
Mean 4.514
RMS 1.628
Underflow 0
Overflow 0
Integral 35
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 35
Mean 115.7
RMS 2.808
Underflow 0
Overflow 0
Integral 35
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 864
Mean 20.21
RMS 18.02
Underflow 0
Overflow 21
Integral 843
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 864
Mean 115.6
RMS 3.861
Underflow 0
Overflow 0
Integral 864
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 598
Mean 11.04
RMS 14.72
Underflow 0
Overflow 1
Integral 597
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 598
Mean 118.4
RMS 3.388
Underflow 0
Overflow 1
Integral 597
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 1023
Mean 16.69
RMS 9.79
Underflow 0
Overflow 1
Integral 1022
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 1023
Mean 115.5
RMS 3.379
Underflow 0
Overflow 2
Integral 1021


Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 715
Mean 9.452
RMS 11.19
Underflow 0
Overflow 0
Integral 715
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 715
Mean 115
RMS 3.991
Underflow 0
Overflow 0
Integral 715
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 951
Mean 12.57
RMS 7.095
Underflow 0
Overflow 0
Integral 951
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 951
Mean 114.8
RMS 3.445
Underflow 0
Overflow 0
Integral 951
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 828
Mean 14.99
RMS 16.84
Underflow 0
Overflow 6
Integral 822
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 828
Mean 115.8
RMS 2.823
Underflow 0
Overflow 1
Integral 827
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 753
Mean 16.98
RMS 18.49
Underflow 0
Overflow 15
Integral 738
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 753
Mean 116.8
RMS 3.087
Underflow 0
Overflow 0
Integral 753



Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 540
Mean 6.98
RMS 7.389
Underflow 0
Overflow 0
Integral 540
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 540
Mean 120.9
RMS 3.808
Underflow 0
Overflow 1
Integral 539
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 561
Mean 7.982
RMS 7.391
Underflow 0
Overflow 0
Integral 561
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 561
Mean 120
RMS 4.368
Underflow 0
Overflow 0
Integral 561
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 413
Mean 8.461
RMS 10.38
Underflow 0
Overflow 1
Integral 412
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 413
Mean 119.3
RMS 4.01
Underflow 0
Overflow 0
Integral 413
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 446
Mean 8.41
RMS 9.547
Underflow 0
Overflow 0
Integral 446
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 446
Mean 119.6
RMS 3.531
Underflow 0
Overflow 1
Integral 445


Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 634
Mean 11.41
RMS 13.57
Underflow 0
Overflow 2
Integral 632
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 634
Mean 119.8
RMS 3.843
Underflow 0
Overflow 0
Integral 634
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 170
Mean 7.812
RMS 8.928
Underflow 0
Overflow 0
Integral 170
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 170
Mean 119.7
RMS 3.641
Underflow 0
Overflow 0
Integral 170
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 516
Mean 21.27
RMS 17.93
Underflow 0
Overflow 26
Integral 490
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 516
Mean 117.5
RMS 3.343
Underflow 0
Overflow 1
Integral 515
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 675
Mean 22.49
RMS 14.22
Underflow 0
Overflow 1
Integral 674
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 675
Mean 120.4
RMS 3.46
Underflow 0
Overflow 0
Integral 675


Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 464
Mean 10.77
RMS 13.13
Underflow 0
Overflow 1
Integral 463
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 464
Mean 118.4
RMS 3.756
Underflow 0
Overflow 0
Integral 464
Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 281
Mean 6.416
RMS 6.391
Underflow 0
Overflow 0
Integral 281
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 281
Mean 118
RMS 4.454
Underflow 0
Overflow 1
Integral 280
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 270
Mean 6.941
RMS 6.864
Underflow 0
Overflow 0
Integral 270
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 270
Mean 118.6
RMS 4.596
Underflow 0
Overflow 0
Integral 270
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 298
Mean 8.034
RMS 9.702
Underflow 0
Overflow 0
Integral 298
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 298
Mean 119.9
RMS 3.198
Underflow 0
Overflow 0
Integral 298