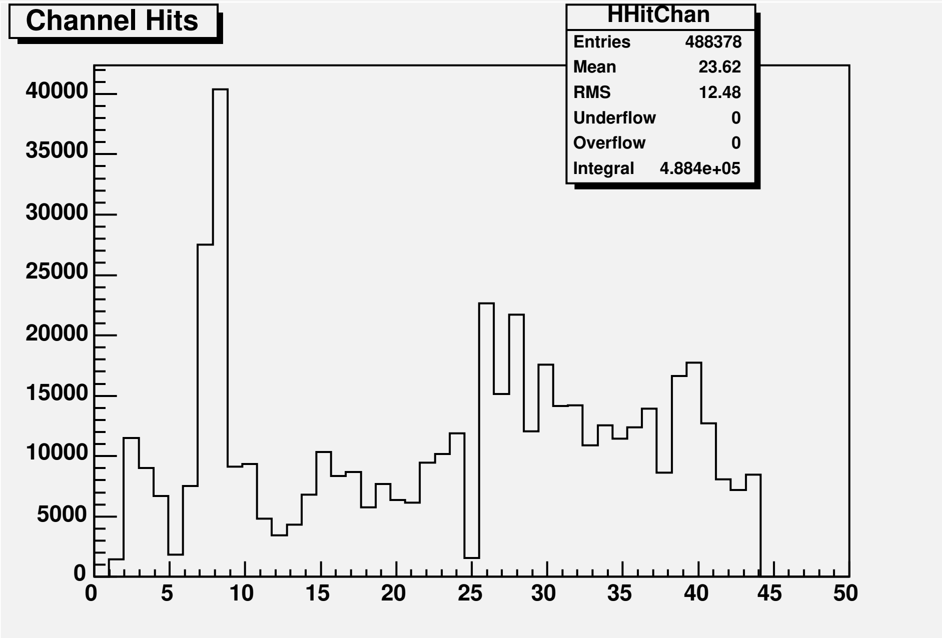
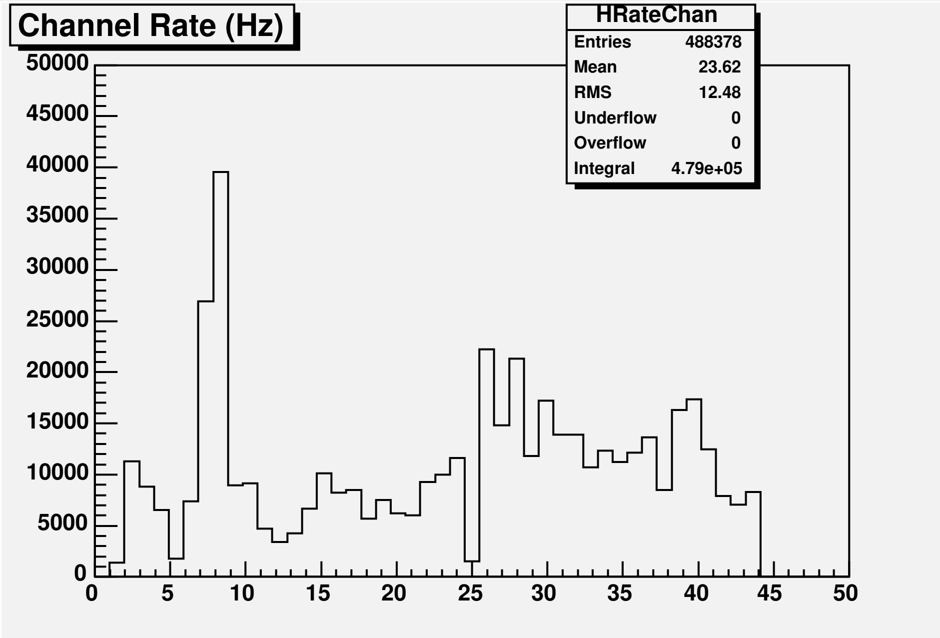
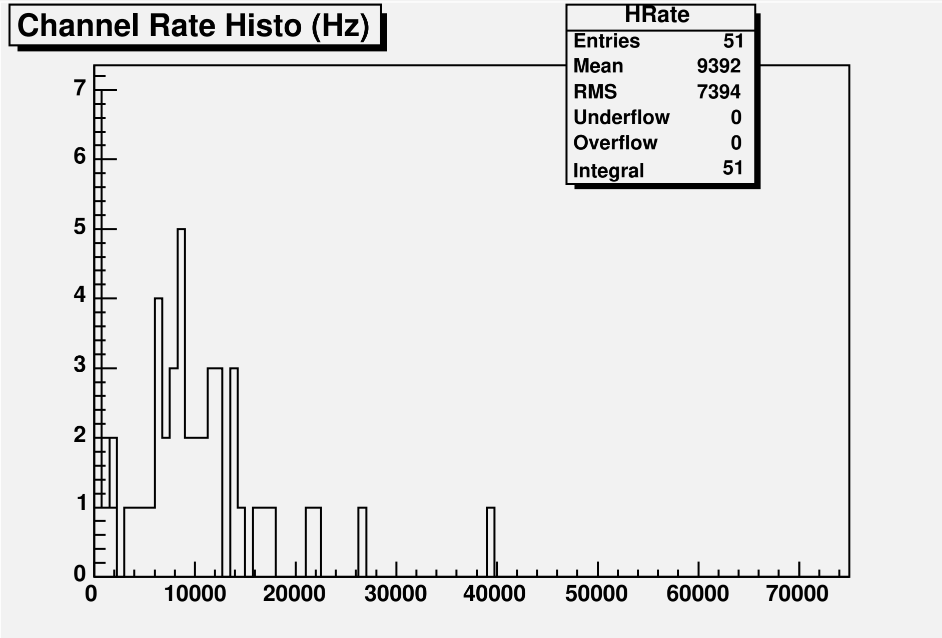
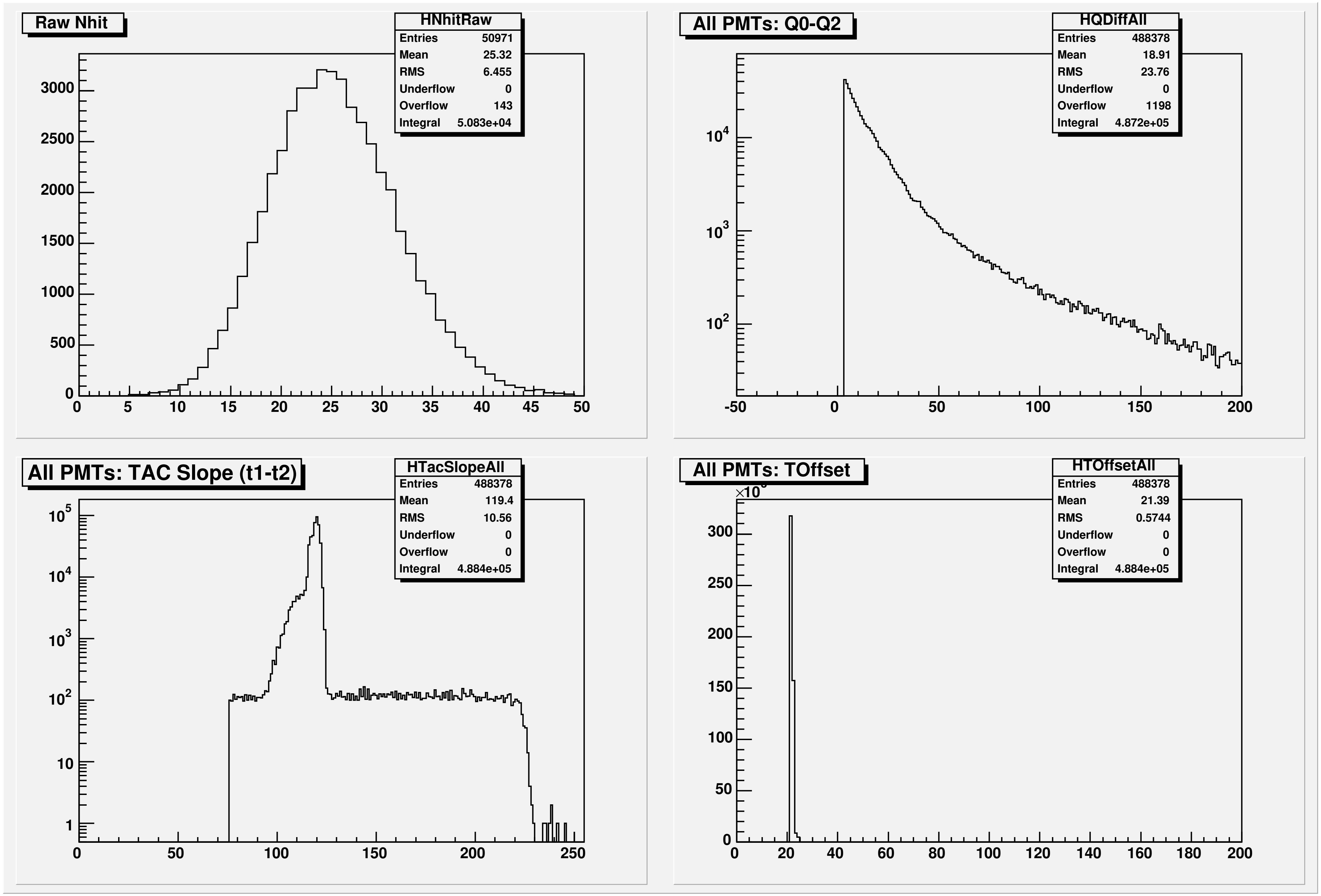
RUN: VlandUnCal Run11469 LEDTCut-QCut

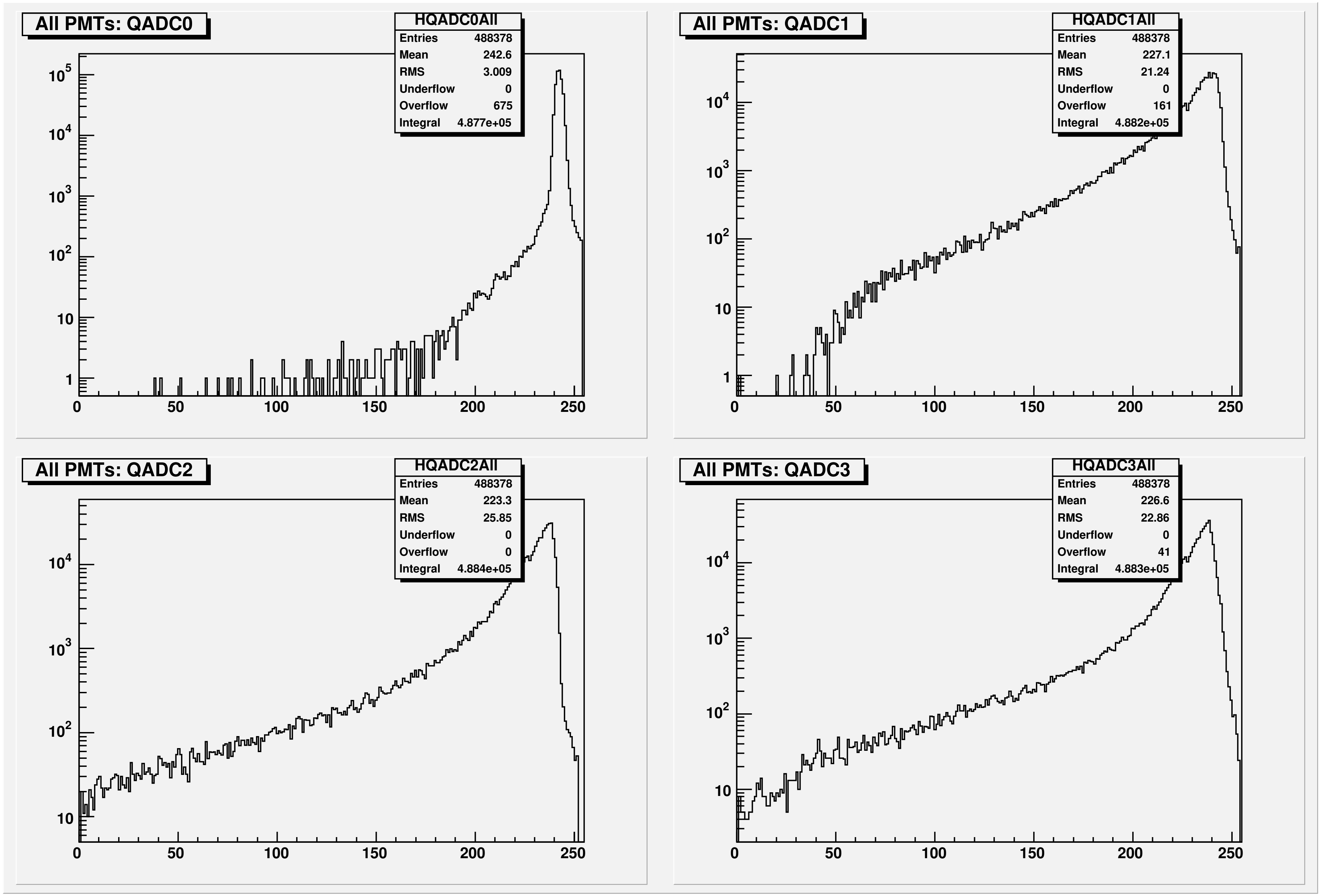

Channel Hits
HHitChan
Entries 488378
Mean 23.62
RMS 12.48
Underflow 0
Overflow 0
Integral 4.884e+05

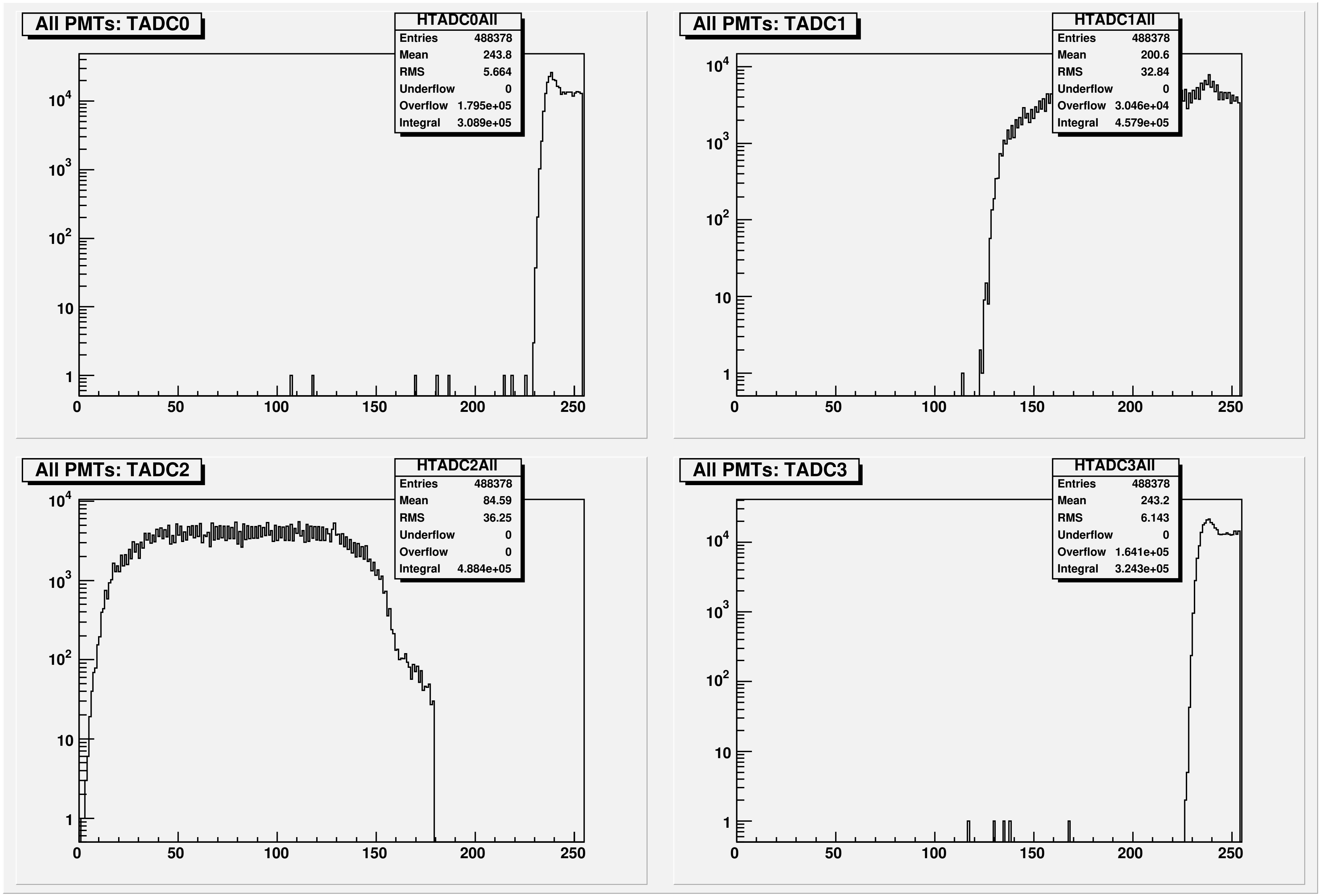

Channel Rate (Hz)
HRateChan
Entries 488378
Mean 23.62
RMS 12.48
Underflow 0
Overflow 0
Integral 4.79e+05


Channel Rate Histo (Hz)
HRate
Entries 51
Mean 9392
RMS 7394
Underflow 0
Overflow 0
Integral 51

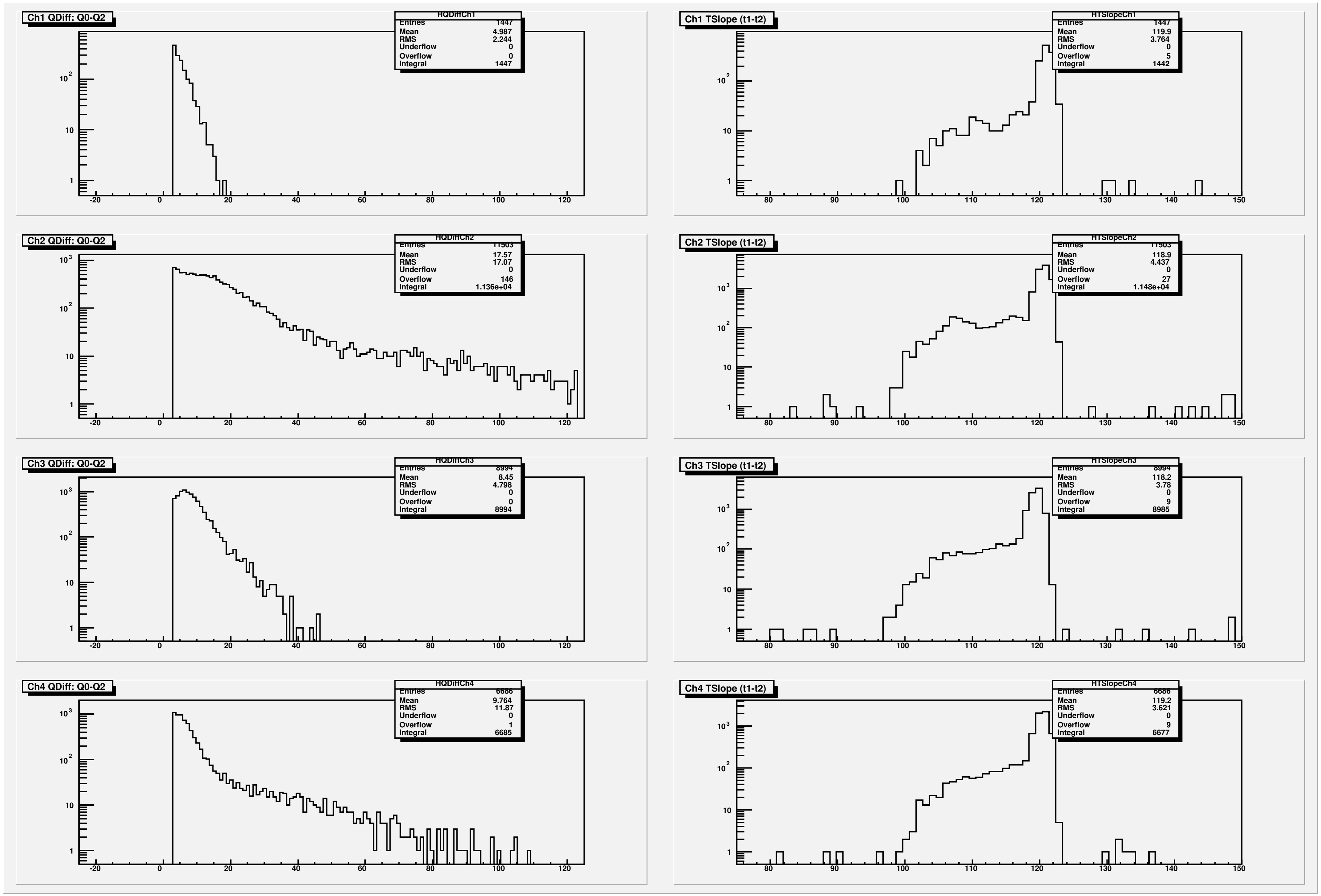


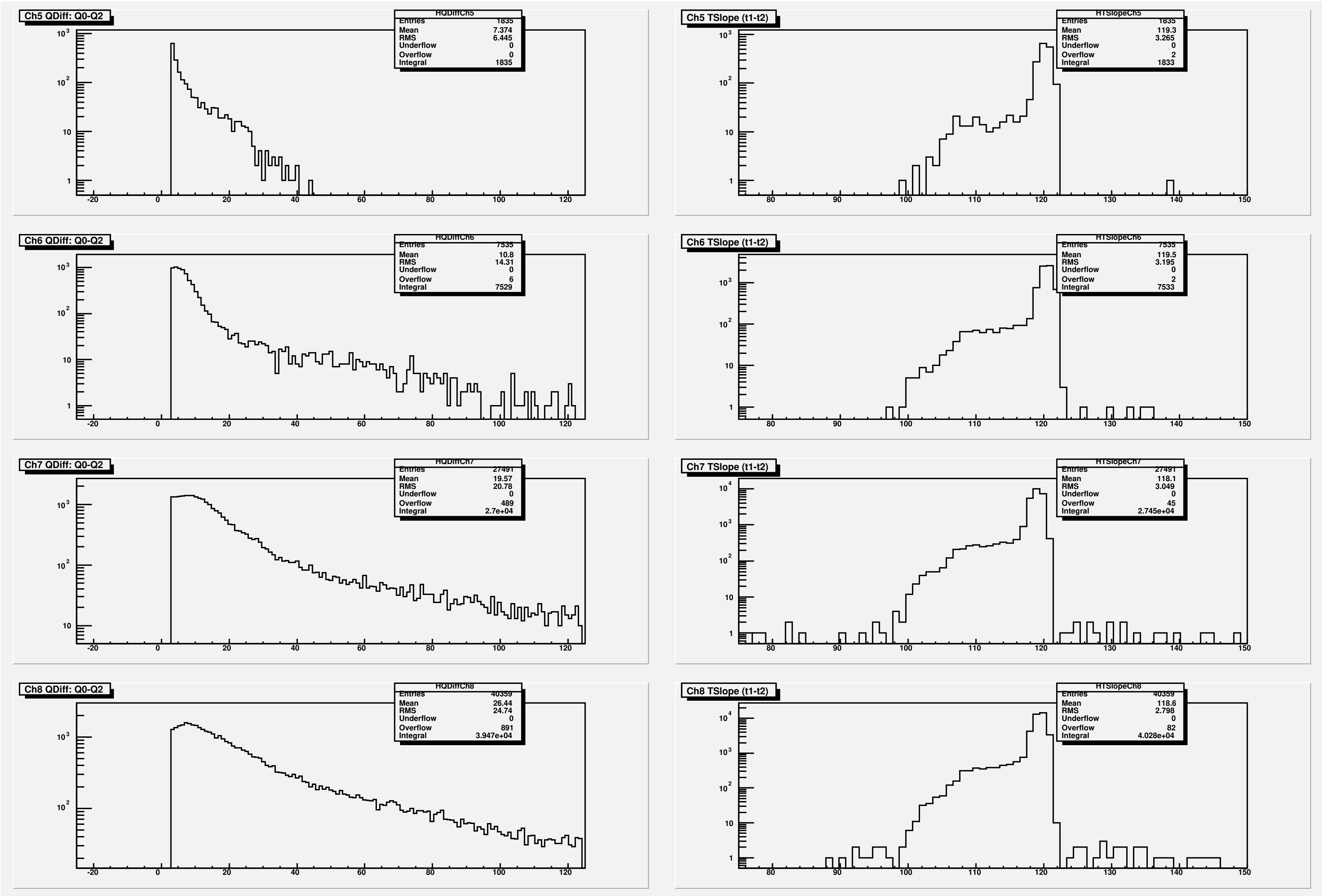
Raw Nhit
HNhitRaw
Entries 50971
Mean 25.32
RMS 6.455
Underflow 0
Overflow 143
Integral 5.083e+04
All PMTs: Q0-Q2
HQDiffAll
Entries 488378
Mean 18.91
RMS 23.76
Underflow 0
Overflow 1198
Integral 4.872e+05
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 488378
Mean 119.4
RMS 10.56
Underflow 0
Overflow 0
Integral 4.884e+05
All PMTs: TOffset
HTOffsetAll
Entries 488378
Mean 21.39
RMS 0.5744
Underflow 0
Overflow 0
Integral 4.884e+05


All PMTs: QADC0
HQADC0All
Entries 488378
Mean 242.6
RMS 3.009
Underflow 0
Overflow 675
Integral 4.877e+05
All PMTs: QADC1
HQADC1All
Entries 488378
Mean 227.1
RMS 21.24
Underflow 0
Overflow 161
Integral 4.882e+05
All PMTs: QADC2
HQADC2All
Entries 488378
Mean 223.3
RMS 25.85
Underflow 0
Overflow 0
Integral 4.884e+05
All PMTs: QADC3
HQADC3All
Entries 488378
Mean 226.6
RMS 22.86
Underflow 0
Overflow 41
Integral 4.883e+05

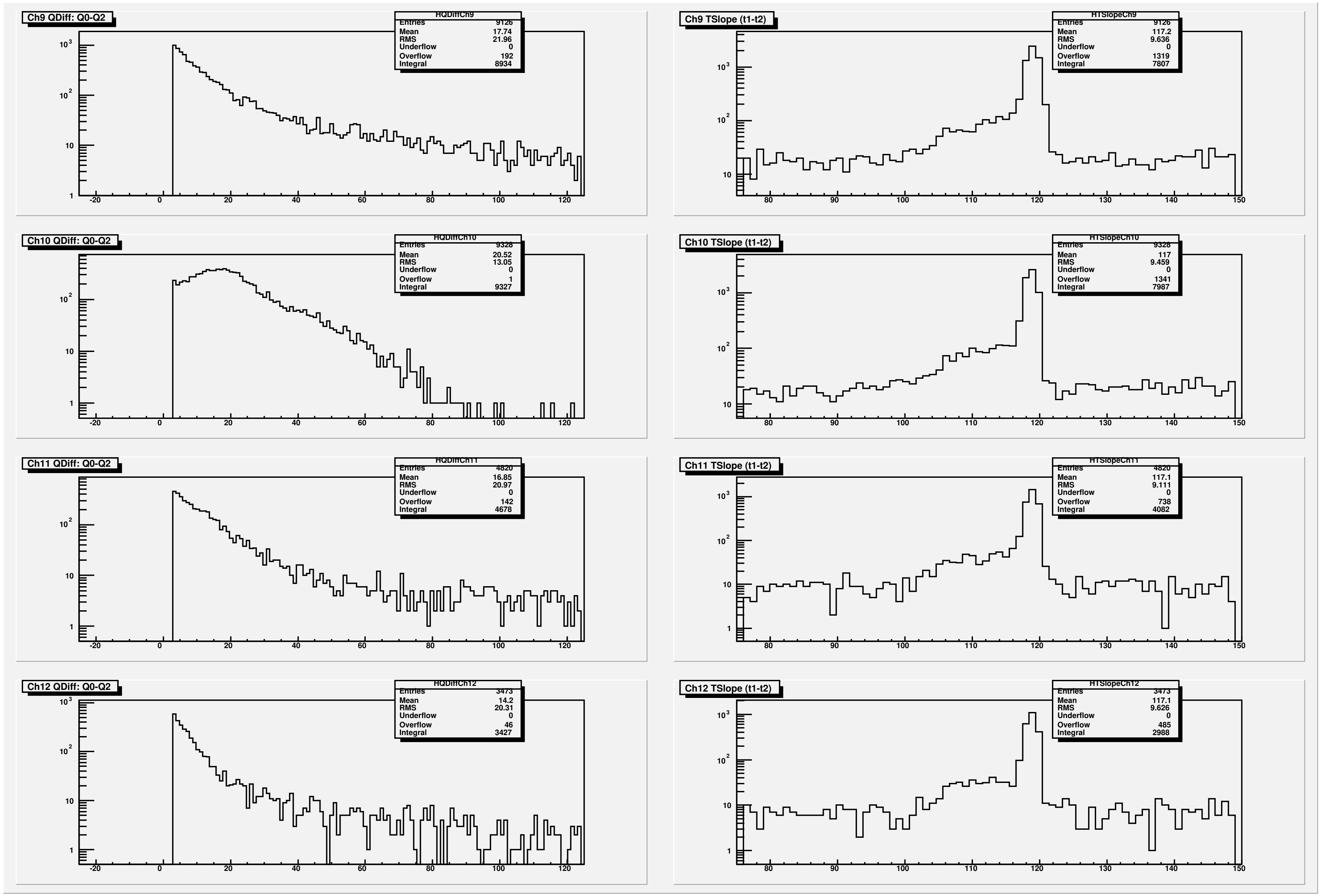


All PMTs: TADC0
HTADC0All
Entries 488378
Mean 243.8
RMS 5.664
Underflow 0
Overflow 1.795e+05
Integral 3.089e+05
All PMTs: TADC1
HTADC1All
Entries 488378
Mean 200.6
RMS 32.84
Underflow 0
Overflow 3.046e+04
Integral 4.579e+05
All PMTs: TADC2
HTADC2All
Entries 488378
Mean 84.59
RMS 36.25
Underflow 0
Overflow 0
Integral 4.884e+05
All PMTs: TADC3
HTADC3All
Entries 488378
Mean 243.2
RMS 6.143
Underflow 0
Overflow 1.641e+05
Integral 3.243e+05

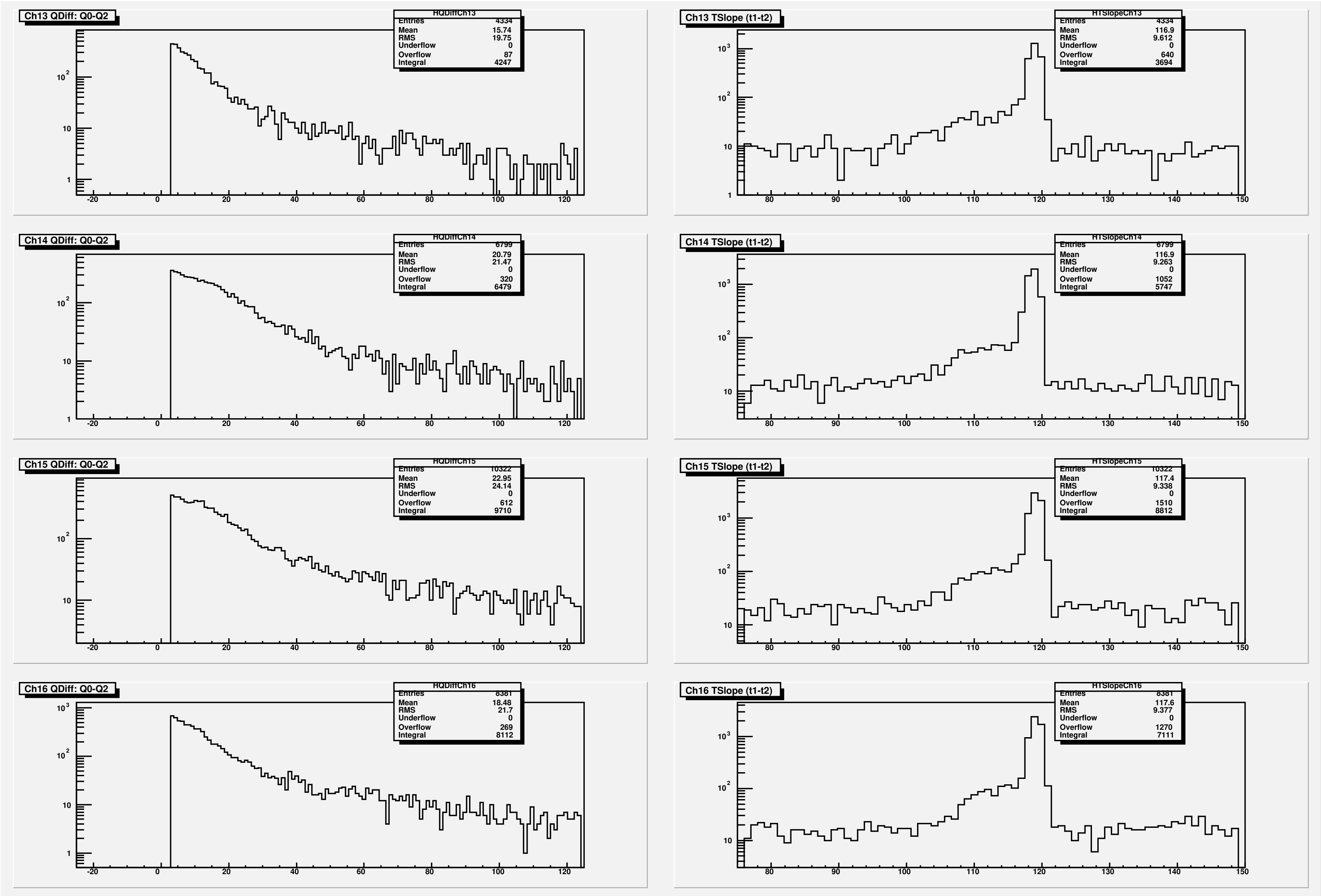

Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 1447
Mean 4.987
RMS 2.244
Underflow 0
Overflow 0
Integral 1447
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 1447
Mean 119.9
RMS 3.764
Underflow 0
Overflow 5
Integral 1442
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 11503
Mean 17.57
RMS 17.07
Underflow 0
Overflow 146
Integral 1.136e+04
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 11503
Mean 118.9
RMS 4.437
Underflow 0
Overflow 27
Integral 1.148e+04
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 8994
Mean 8.45
RMS 4.798
Underflow 0
Overflow 0
Integral 8994
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 8994
Mean 118.2
RMS 3.78
Underflow 0
Overflow 9
Integral 8985
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 6686
Mean 9.764
RMS 11.87
Underflow 0
Overflow 1
Integral 6685
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 6686
Mean 119.2
RMS 3.621
Underflow 0
Overflow 9
Integral 6677



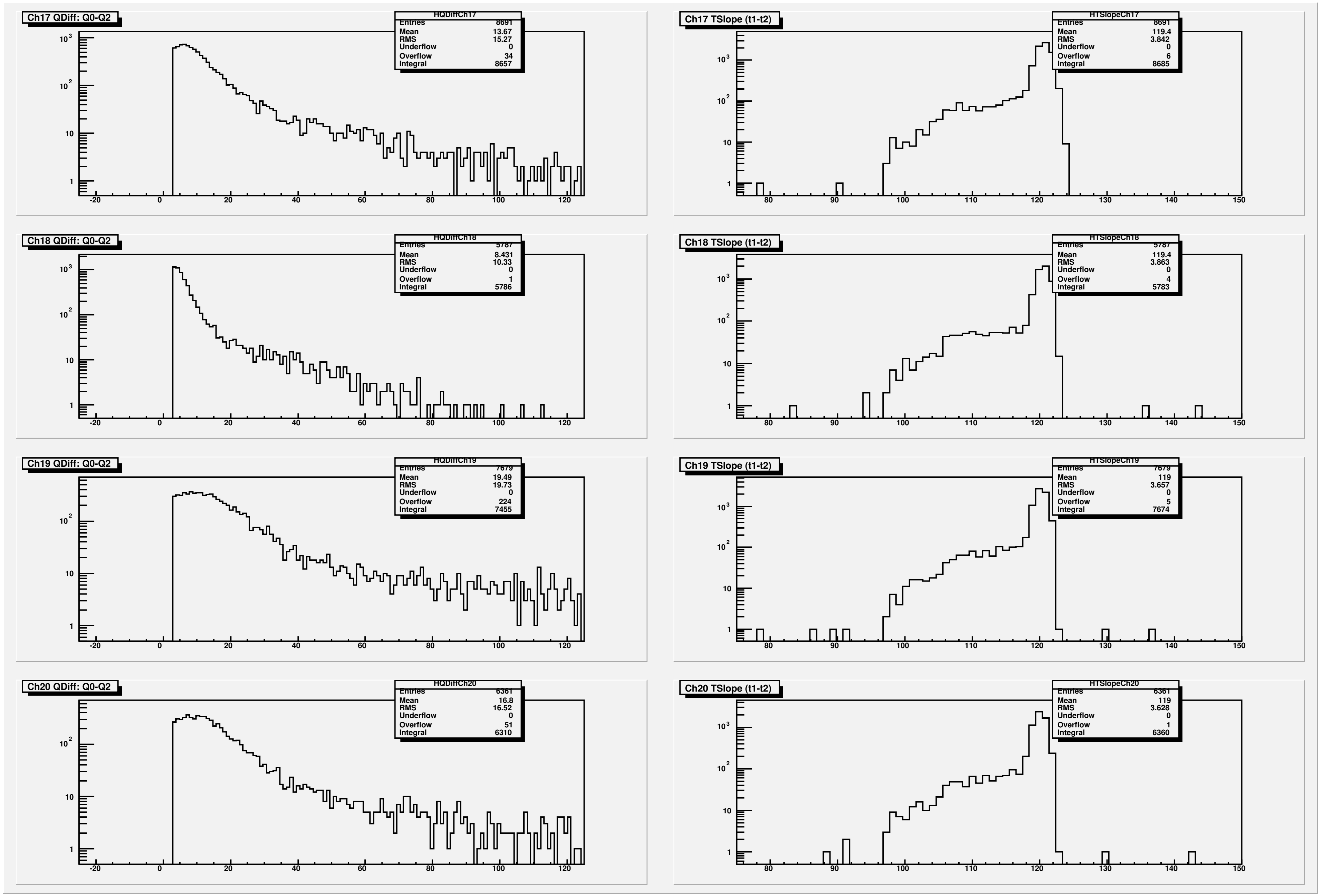
Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 1835
Mean 7.374
RMS 6.445
Underflow 0
Overflow 0
Integral 1835
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 1835
Mean 119.3
RMS 3.265
Underflow 0
Overflow 2
Integral 1833
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 7535
Mean 10.8
RMS 14.31
Underflow 0
Overflow 6
Integral 7529
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 7535
Mean 119.5
RMS 3.195
Underflow 0
Overflow 2
Integral 7533
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 27491
Mean 19.57
RMS 20.78
Underflow 0
Overflow 489
Integral 2.7e+04
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 27491
Mean 118.1
RMS 3.049
Underflow 0
Overflow 45
Integral 2.745e+04
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 40359
Mean 26.44
RMS 24.74
Underflow 0
Overflow 891
Integral 3.947e+04
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 40359
Mean 118.6
RMS 2.798
Underflow 0
Overflow 82
Integral 4.028e+04

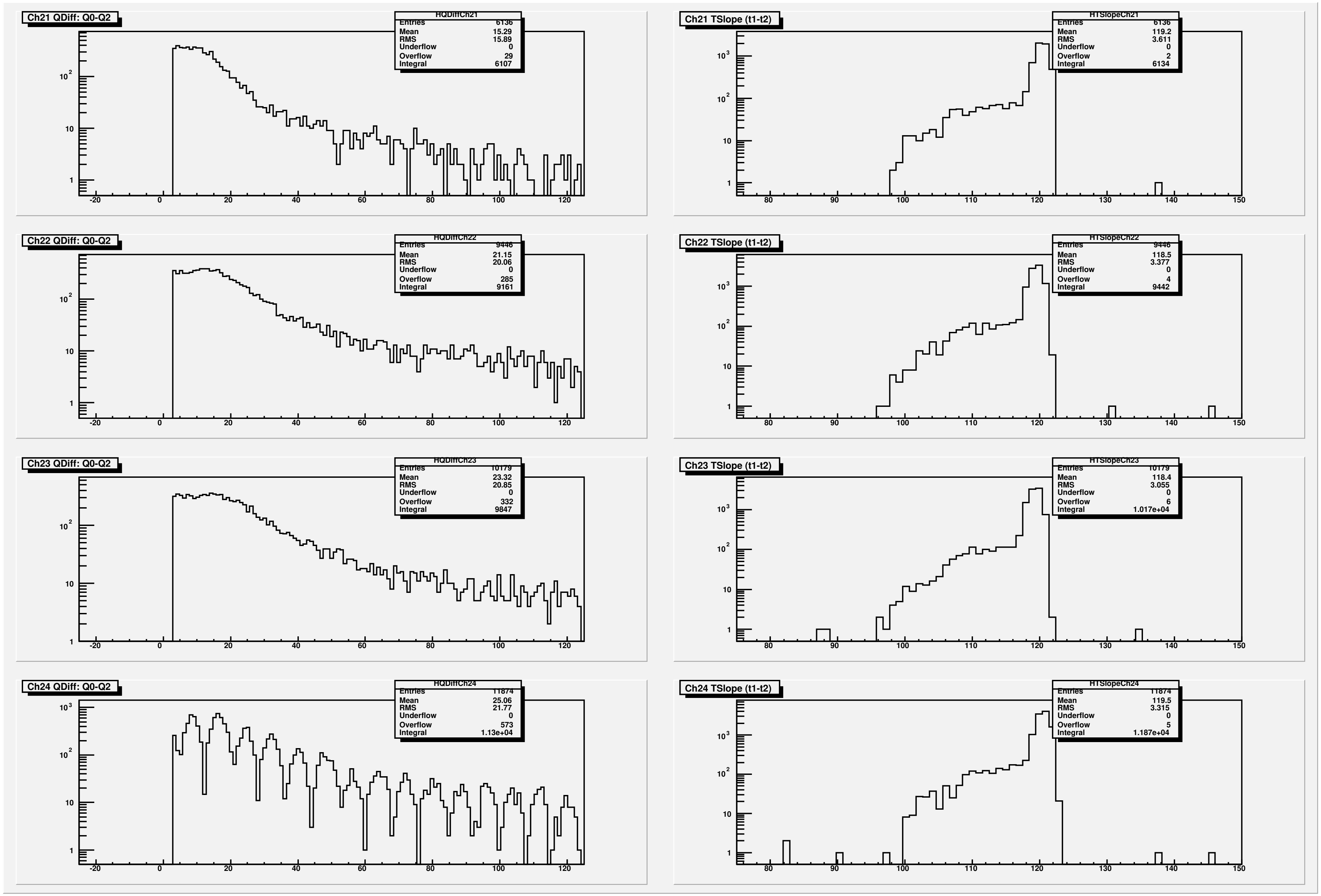


Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 9126
Mean 17.74
RMS 21.96
Underflow 0
Overflow 192
Integral 8934
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 9126
Mean 117.2
RMS 9.636
Underflow 0
Overflow 1319
Integral 7807
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 9328
Mean 20.52
RMS 13.05
Underflow 0
Overflow 1
Integral 9327
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 9328
Mean 117
RMS 9.459
Underflow 0
Overflow 1341
Integral 7987
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 4820
Mean 16.85
RMS 20.97
Underflow 0
Overflow 142
Integral 4678
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 4820
Mean 117.1
RMS 9.111
Underflow 0
Overflow 738
Integral 4082
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 3473
Mean 14.2
RMS 20.31
Underflow 0
Overflow 46
Integral 3427
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 3473
Mean 117.1
RMS 9.626
Underflow 0
Overflow 485
Integral 2988

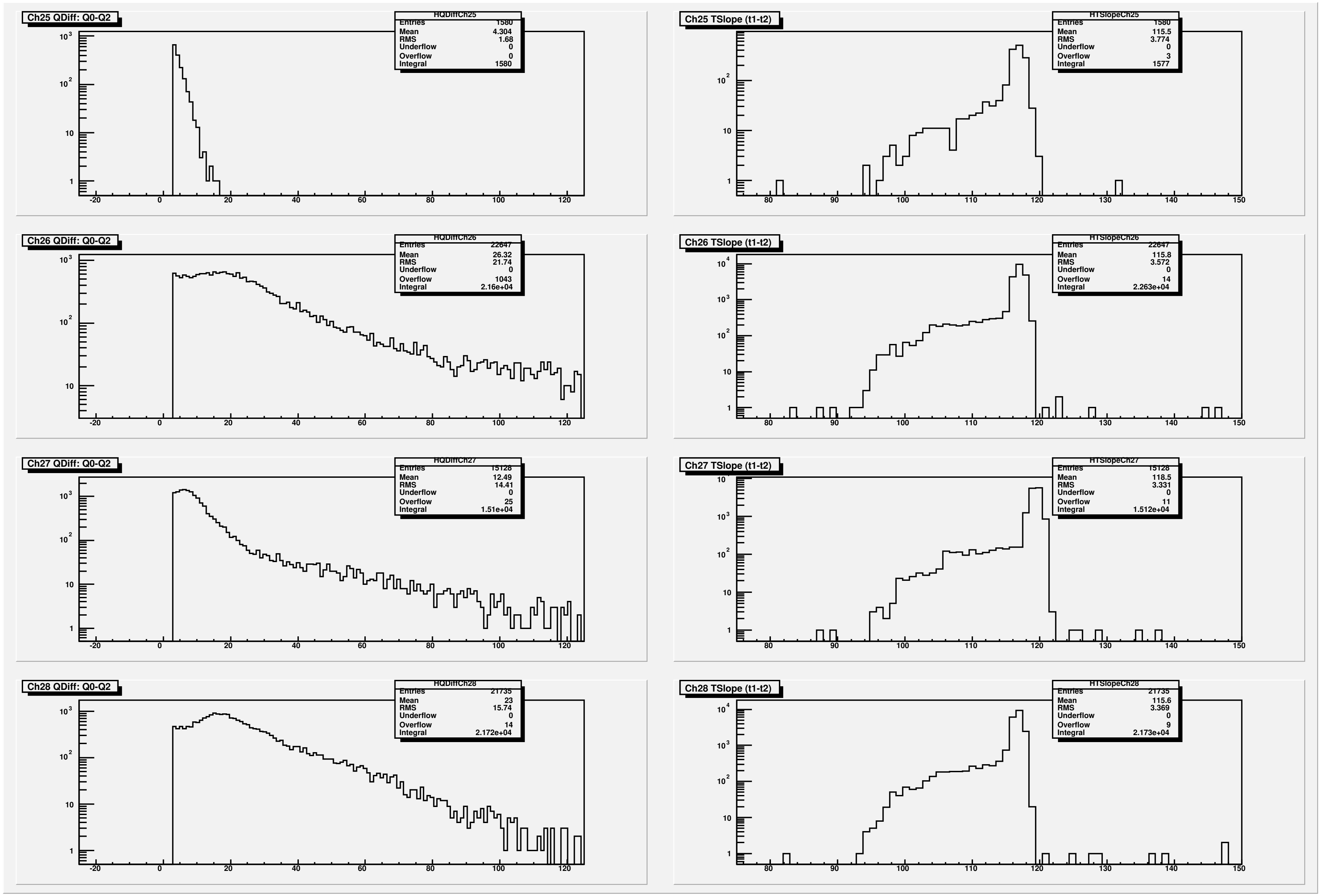


Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 4334
Mean 15.74
RMS 19.75
Underflow 0
Overflow 87
Integral 4247
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 4334
Mean 116.9
RMS 9.612
Underflow 0
Overflow 640
Integral 3694
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 6799
Mean 20.79
RMS 21.47
Underflow 0
Overflow 320
Integral 6479
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 6799
Mean 116.9
RMS 9.263
Underflow 0
Overflow 1052
Integral 5747
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 10322
Mean 22.95
RMS 24.14
Underflow 0
Overflow 612
Integral 9710
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 10322
Mean 117.4
RMS 9.338
Underflow 0
Overflow 1510
Integral 8812
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 8381
Mean 18.48
RMS 21.7
Underflow 0
Overflow 269
Integral 8112
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 8381
Mean 117.6
RMS 9.377
Underflow 0
Overflow 1270
Integral 7111

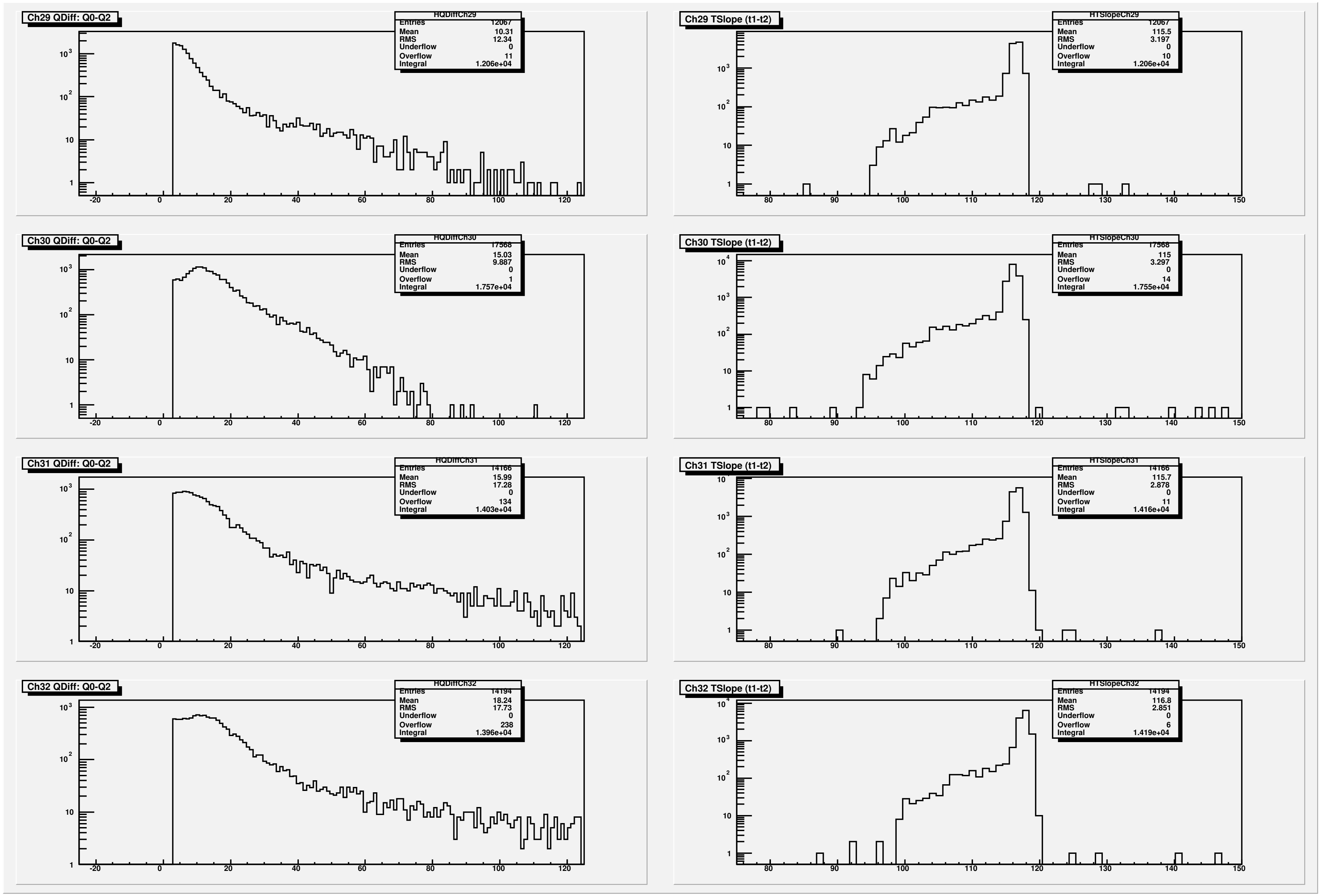

Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 8691
Mean 13.67
RMS 15.27
Underflow 0
Overflow 34
Integral 8657
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 8691
Mean 119.4
RMS 3.842
Underflow 0
Overflow 6
Integral 8685
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 5787
Mean 8.431
RMS 10.33
Underflow 0
Overflow 1
Integral 5786
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 5787
Mean 119.4
RMS 3.863
Underflow 0
Overflow 4
Integral 5783
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 7679
Mean 19.49
RMS 19.73
Underflow 0
Overflow 224
Integral 7455
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 7679
Mean 119
RMS 3.657
Underflow 0
Overflow 5
Integral 7674
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 6361
Mean 16.8
RMS 16.52
Underflow 0
Overflow 51
Integral 6310
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 6361
Mean 119
RMS 3.628
Underflow 0
Overflow 1
Integral 6360



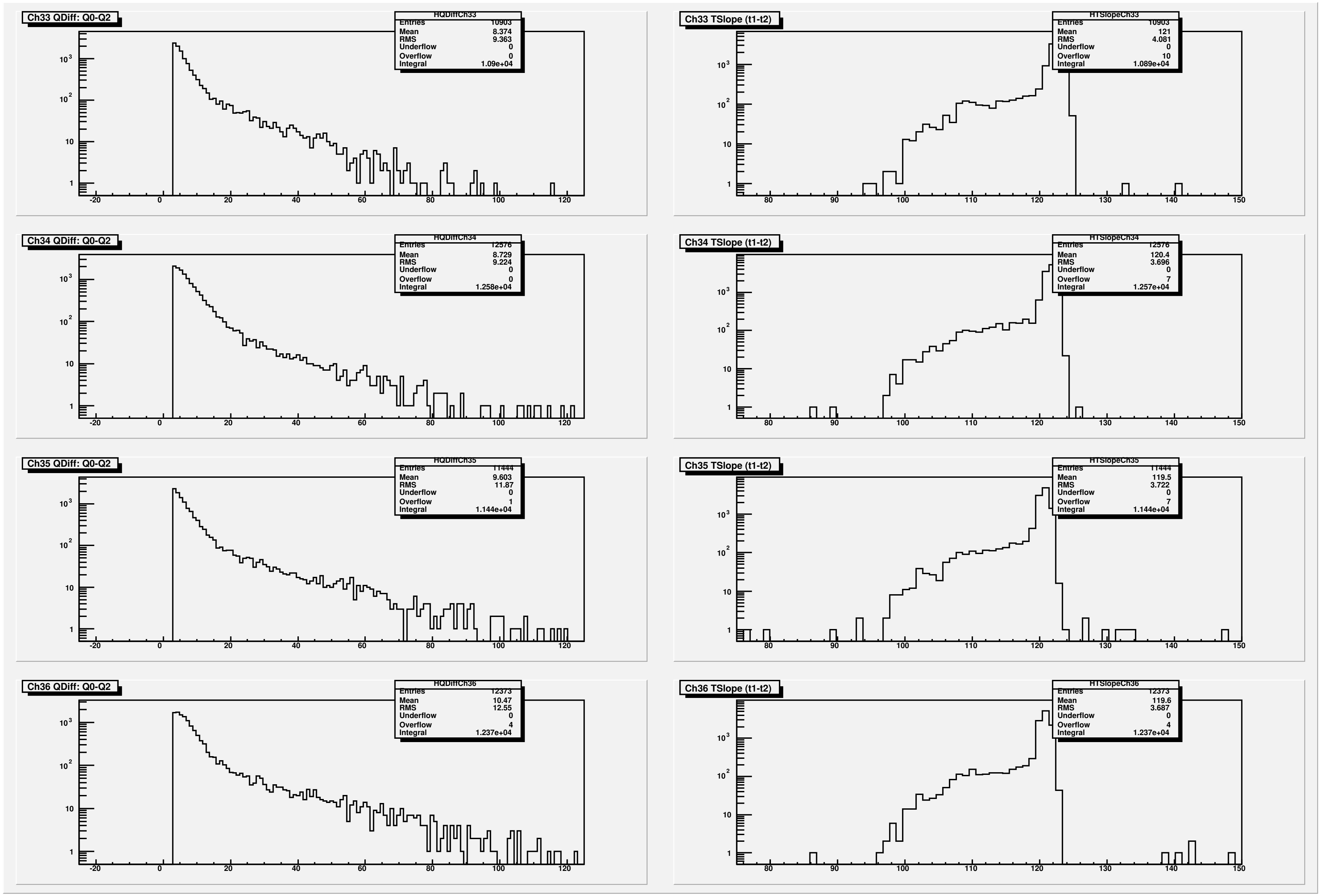
Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 6136
Mean 15.29
RMS 15.89
Underflow 0
Overflow 29
Integral 6107
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 6136
Mean 119.2
RMS 3.611
Underflow 0
Overflow 2
Integral 6134
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 9446
Mean 21.15
RMS 20.06
Underflow 0
Overflow 285
Integral 9161
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 9446
Mean 118.5
RMS 3.377
Underflow 0
Overflow 4
Integral 9442
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 10179
Mean 23.32
RMS 20.85
Underflow 0
Overflow 332
Integral 9847
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 10179
Mean 118.4
RMS 3.055
Underflow 0
Overflow 6
Integral 1.017e+04
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 11874
Mean 25.06
RMS 21.77
Underflow 0
Overflow 573
Integral 1.13e+04
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 11874
Mean 119.5
RMS 3.315
Underflow 0
Overflow 5
Integral 1.187e+04

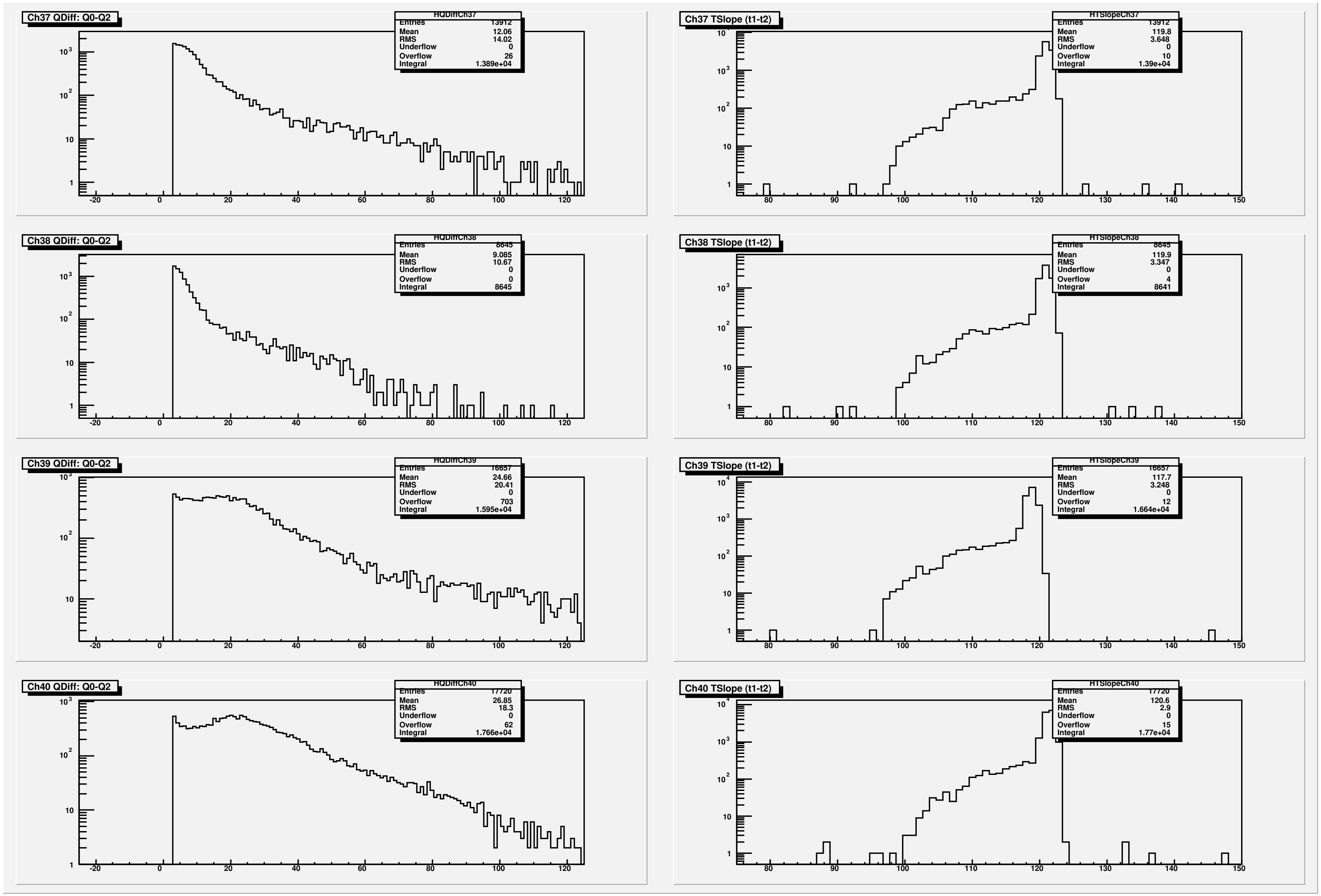


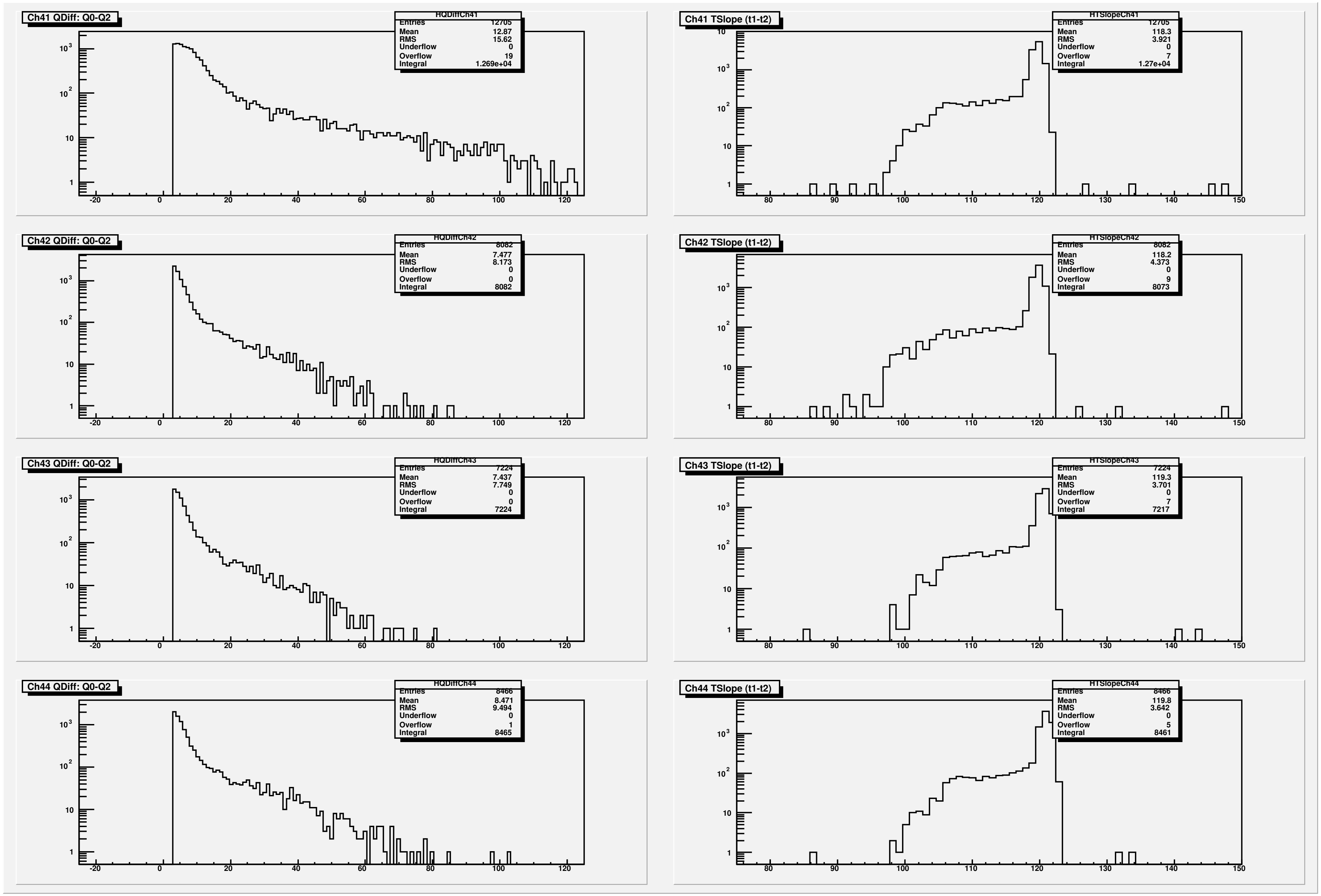
Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 1580
Mean 4.304
RMS 1.68
Underflow 0
Overflow 0
Integral 1580
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 1580
Mean 115.5
RMS 3.774
Underflow 0
Overflow 3
Integral 1577
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 22647
Mean 26.32
RMS 21.74
Underflow 0
Overflow 1043
Integral 2.16e+04
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 22647
Mean 115.8
RMS 3.572
Underflow 0
Overflow 14
Integral 2.263e+04
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 15128
Mean 12.49
RMS 14.41
Underflow 0
Overflow 25
Integral 1.51e+04
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 15128
Mean 118.5
RMS 3.331
Underflow 0
Overflow 11
Integral 1.512e+04
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 21735
Mean 23
RMS 15.74
Underflow 0
Overflow 14
Integral 2.172e+04
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 21735
Mean 115.6
RMS 3.369
Underflow 0
Overflow 9
Integral 2.173e+04



Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 12067
Mean 10.31
RMS 12.34
Underflow 0
Overflow 11
Integral 1.206e+04
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 12067
Mean 115.5
RMS 3.197
Underflow 0
Overflow 10
Integral 1.206e+04
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 17568
Mean 15.03
RMS 9.887
Underflow 0
Overflow 1
Integral 1.757e+04
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 17568
Mean 115
RMS 3.297
Underflow 0
Overflow 14
Integral 1.755e+04
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 14166
Mean 15.99
RMS 17.28
Underflow 0
Overflow 134
Integral 1.403e+04
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 14166
Mean 115.7
RMS 2.878
Underflow 0
Overflow 11
Integral 1.416e+04
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 14194
Mean 18.24
RMS 17.73
Underflow 0
Overflow 238
Integral 1.396e+04
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 14194
Mean 116.8
RMS 2.851
Underflow 0
Overflow 6
Integral 1.419e+04


Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 10903
Mean 8.374
RMS 9.363
Underflow 0
Overflow 0
Integral 1.09e+04
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 10903
Mean 121
RMS 4.081
Underflow 0
Overflow 10
Integral 1.089e+04
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 12576
Mean 8.729
RMS 9.224
Underflow 0
Overflow 0
Integral 1.258e+04
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 12576
Mean 120.4
RMS 3.696
Underflow 0
Overflow 7
Integral 1.257e+04
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 11444
Mean 9.603
RMS 11.87
Underflow 0
Overflow 1
Integral 1.144e+04
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 11444
Mean 119.5
RMS 3.722
Underflow 0
Overflow 7
Integral 1.144e+04
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 12373
Mean 10.47
RMS 12.55
Underflow 0
Overflow 4
Integral 1.237e+04
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 12373
Mean 119.6
RMS 3.687
Underflow 0
Overflow 4
Integral 1.237e+04


Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 13912
Mean 12.06
RMS 14.02
Underflow 0
Overflow 26
Integral 1.389e+04
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 13912
Mean 119.8
RMS 3.648
Underflow 0
Overflow 10
Integral 1.39e+04
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 8645
Mean 9.085
RMS 10.67
Underflow 0
Overflow 0
Integral 8645
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 8645
Mean 119.9
RMS 3.347
Underflow 0
Overflow 4
Integral 8641
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 16657
Mean 24.66
RMS 20.41
Underflow 0
Overflow 703
Integral 1.595e+04
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 16657
Mean 117.7
RMS 3.248
Underflow 0
Overflow 12
Integral 1.664e+04
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 17720
Mean 26.85
RMS 18.3
Underflow 0
Overflow 62
Integral 1.766e+04
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 17720
Mean 120.6
RMS 2.9
Underflow 0
Overflow 15
Integral 1.77e+04


Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 12705
Mean 12.87
RMS 15.62
Underflow 0
Overflow 19
Integral 1.269e+04
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 12705
Mean 118.3
RMS 3.921
Underflow 0
Overflow 7
Integral 1.27e+04
Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 8082
Mean 7.477
RMS 8.173
Underflow 0
Overflow 0
Integral 8082
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 8082
Mean 118.2
RMS 4.373
Underflow 0
Overflow 9
Integral 8073
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 7224
Mean 7.437
RMS 7.749
Underflow 0
Overflow 0
Integral 7224
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 7224
Mean 119.3
RMS 3.701
Underflow 0
Overflow 7
Integral 7217
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 8466
Mean 8.471
RMS 9.494
Underflow 0
Overflow 1
Integral 8465
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 8466
Mean 119.8
RMS 3.642
Underflow 0
Overflow 5
Integral 8461