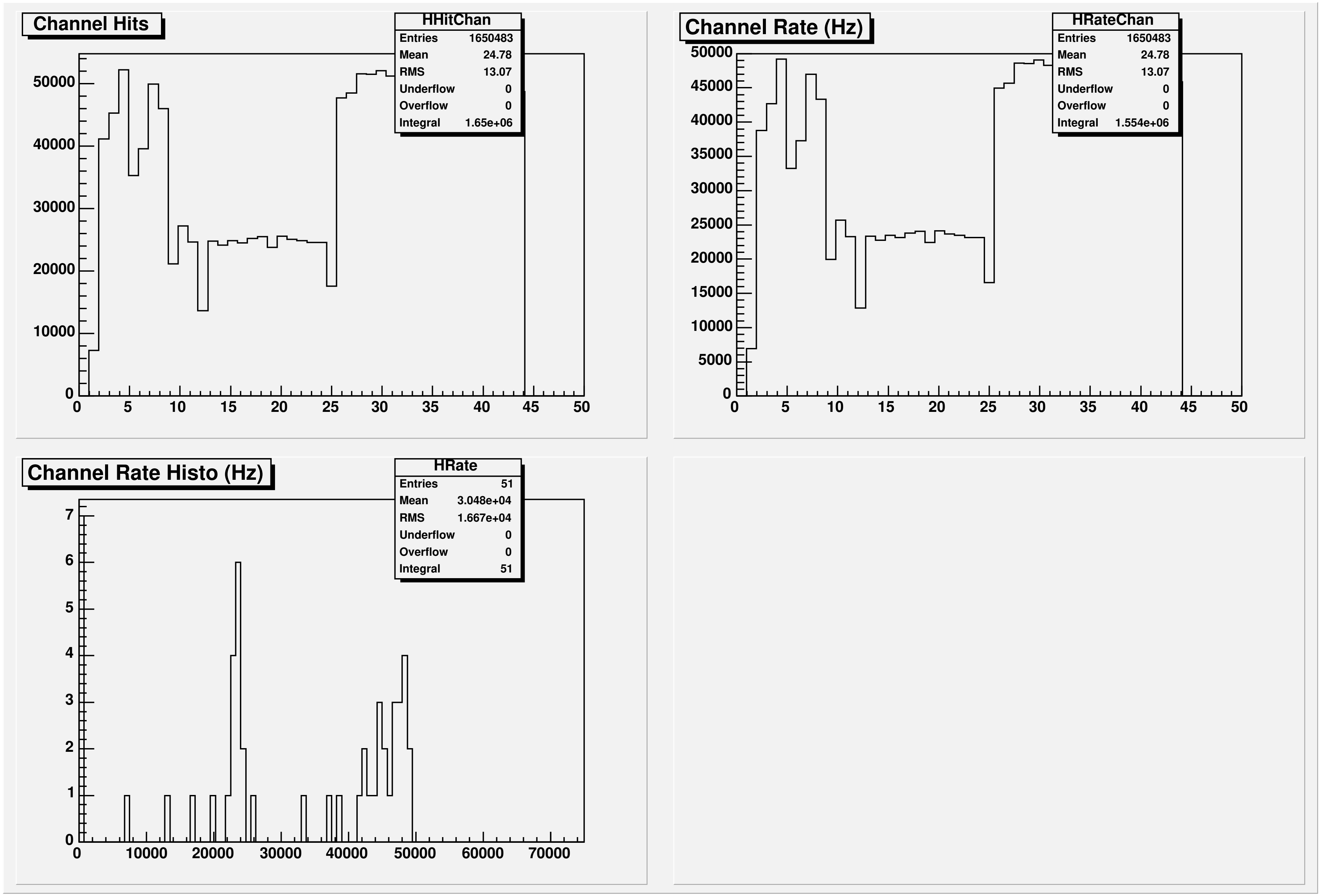
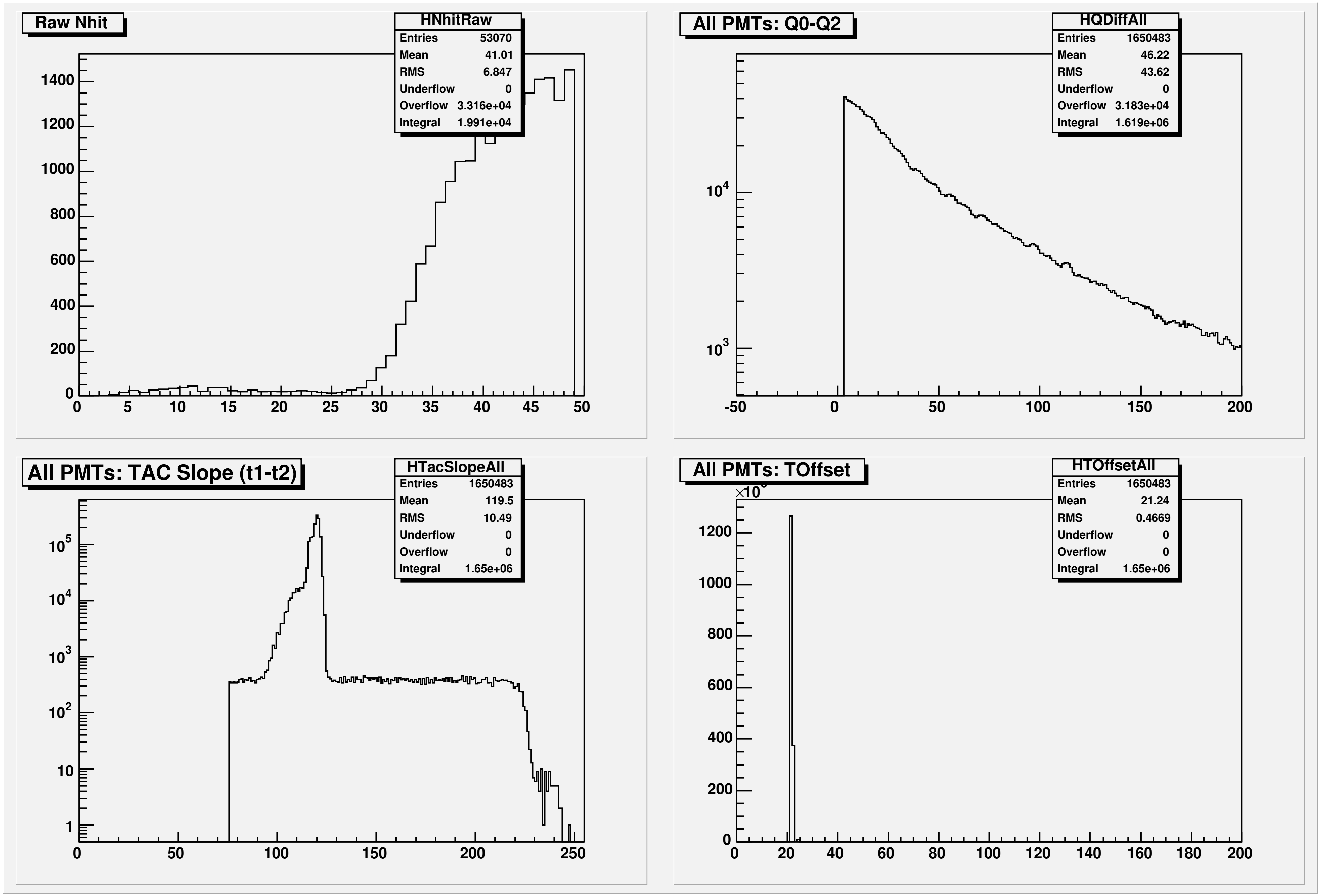
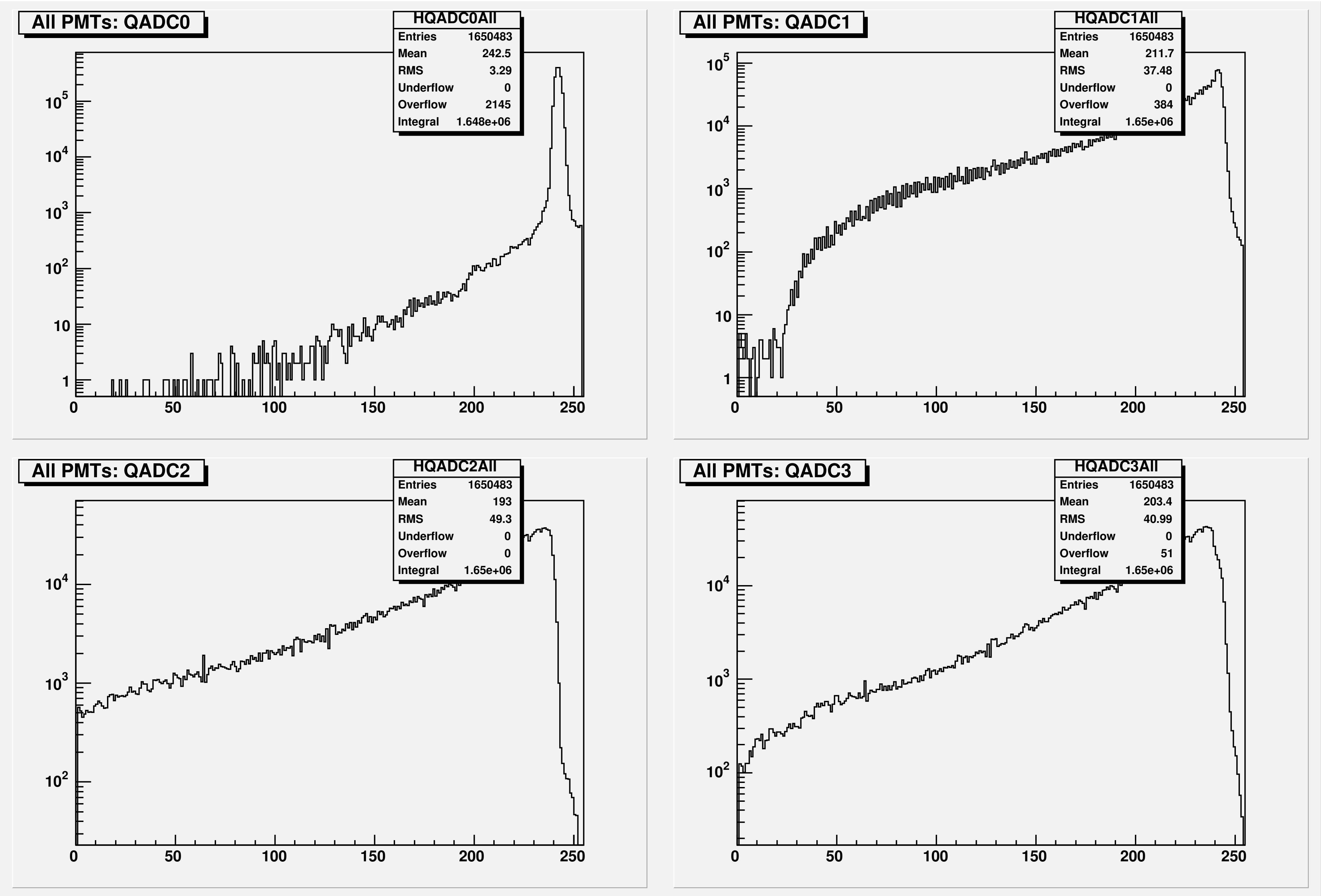
RUN: VlandUnCal Run11472 LEDTCut-QCut

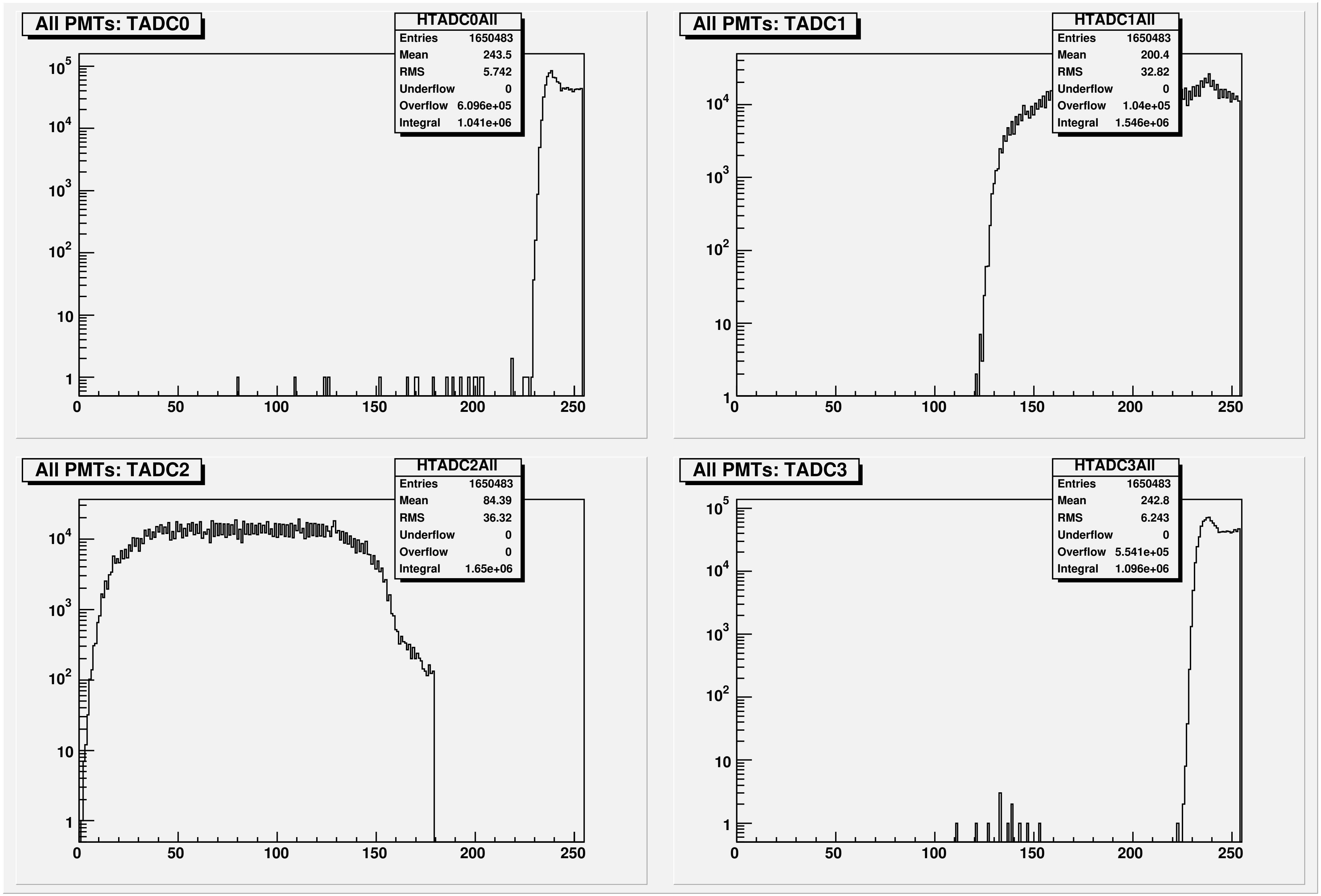


Channel Hits
HHitChan
Entries 1650483
Mean 24.78
RMS 13.07
Underflow 0
Overflow 0
Integral 1.65e+06
0
10000
20000
30000
40000
50000
0 5 10 15 20 25 30 35 40 45 50
Channel Rate (Hz)
HRateChan
Entries 1650483
Mean 24.78
RMS 13.07
Underflow 0
Overflow 0
Integral 1.554e+06
0
5000
10000
15000
20000
25000
30000
35000
40000
45000
50000
0 5 10 15 20 25 30 35 40 45 50
Channel Rate Histo (Hz)
HRate
Entries 51
Mean 3.048e+04
RMS 1.667e+04
Underflow 0
Overflow 0
Integral 51
0 1 2 3 4 5 6 7
0 10000 20000 30000 40000 50000 60000 70000

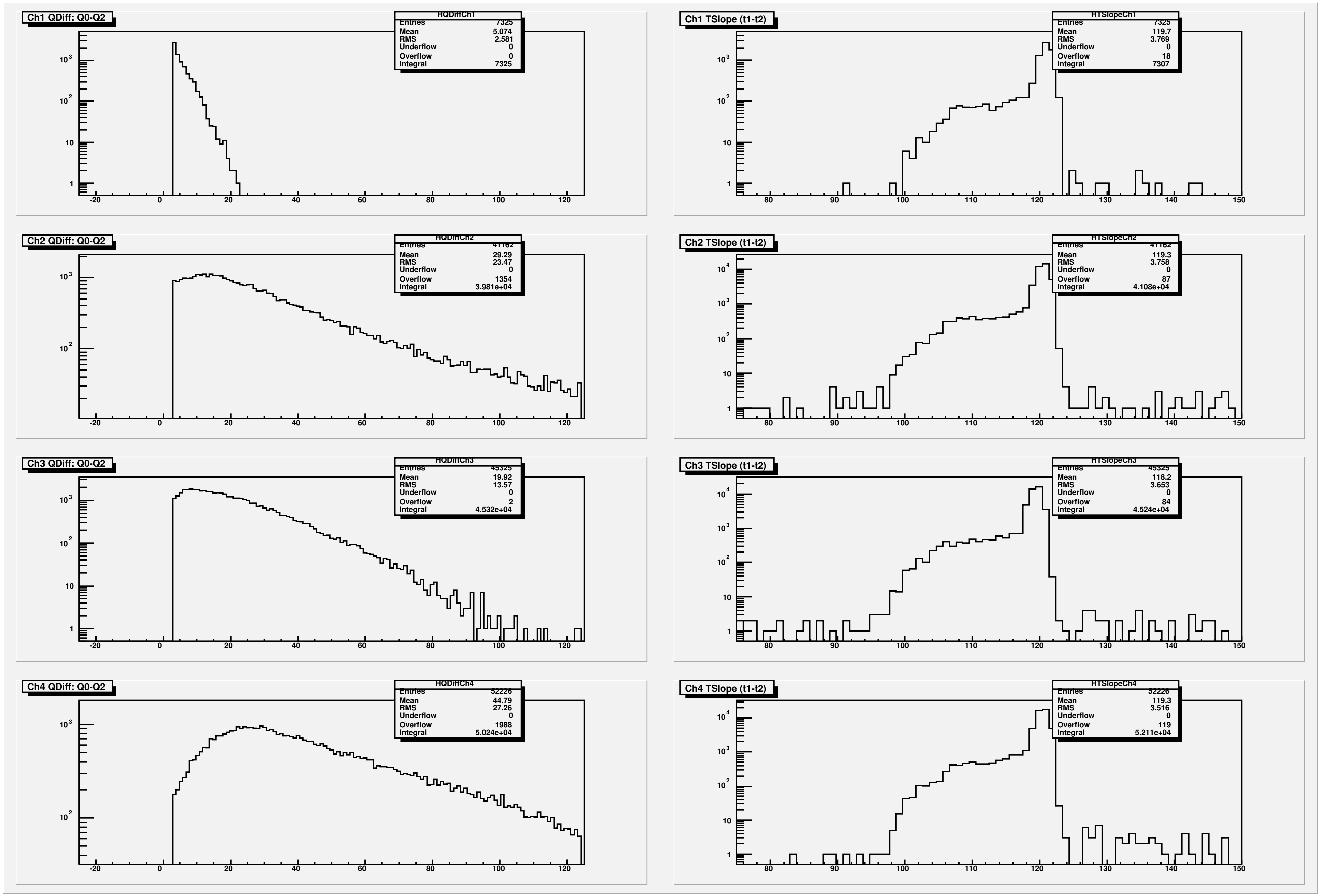


Raw Nhit
HNhitRaw
Entries 53070
Mean 41.01
RMS 6.847
Underflow 0
Overflow 3.316e+04
Integral 1.991e+04
All PMTs: Q0-Q2
HQDiffAll
Entries 1650483
Mean 46.22
RMS 43.62
Underflow 0
Overflow 3.183e+04
Integral 1.619e+06
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 1650483
Mean 119.5
RMS 10.49
Underflow 0
Overflow 0
Integral 1.65e+06
All PMTs: TOffset
HTOffsetAll
Entries 1650483
Mean 21.24
RMS 0.4669
Underflow 0
Overflow 0
Integral 1.65e+06

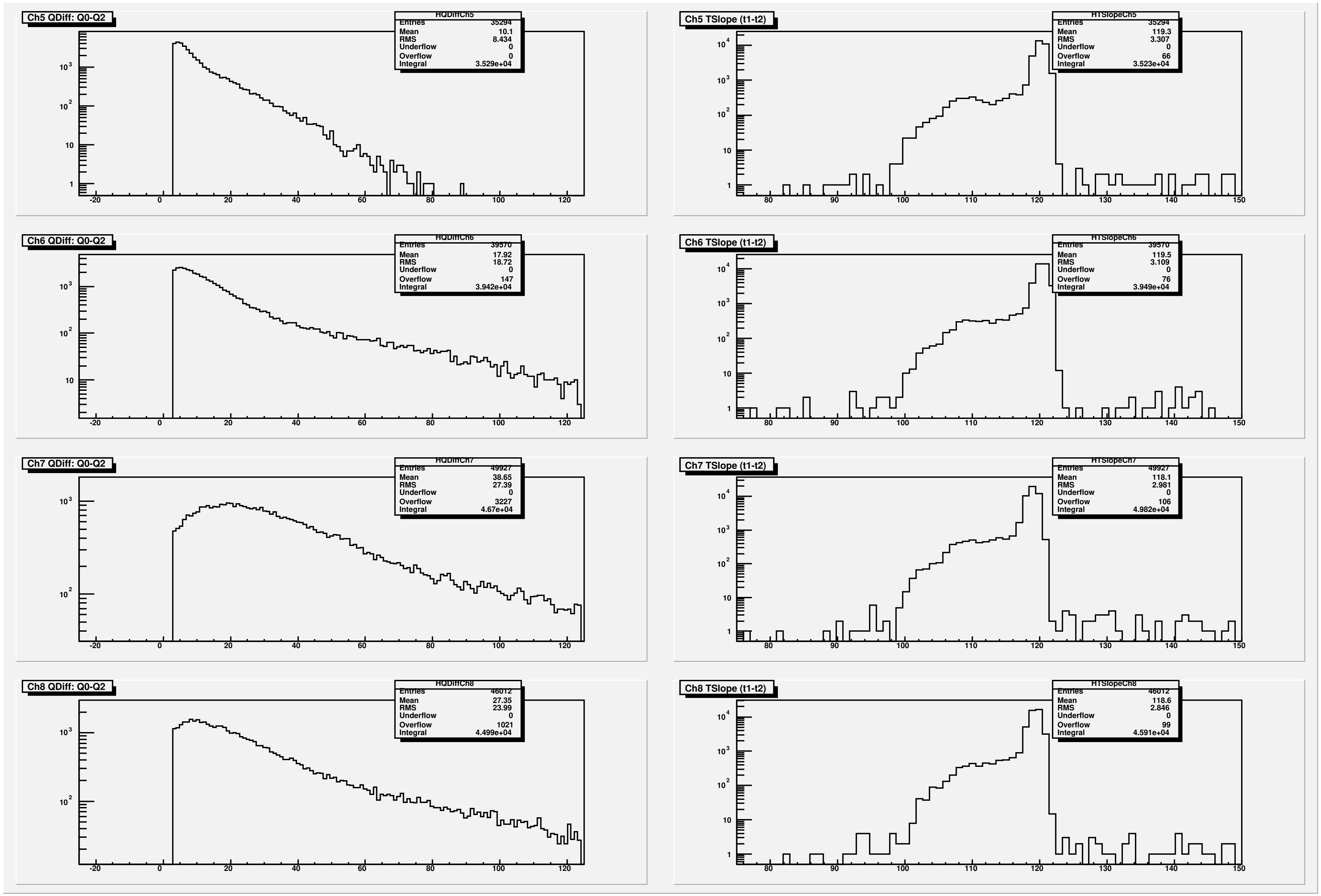

All PMTs: QADC0
HQADC0All
Entries 1650483
Mean 242.5
RMS 3.29
Underflow 0
Overflow 2145
Integral 1.648e+06
All PMTs: QADC1
HQADC1All
Entries 1650483
Mean 211.7
RMS 37.48
Underflow 0
Overflow 384
Integral 1.65e+06
All PMTs: QADC2
HQADC2All
Entries 1650483
Mean 193
RMS 49.3
Underflow 0
Overflow 0
Integral 1.65e+06
All PMTs: QADC3
HQADC3All
Entries 1650483
Mean 203.4
RMS 40.99
Underflow 0
Overflow 51
Integral 1.65e+06
0
50
100
150
200
250
1
10
10^2
10^3
10^4
10^5



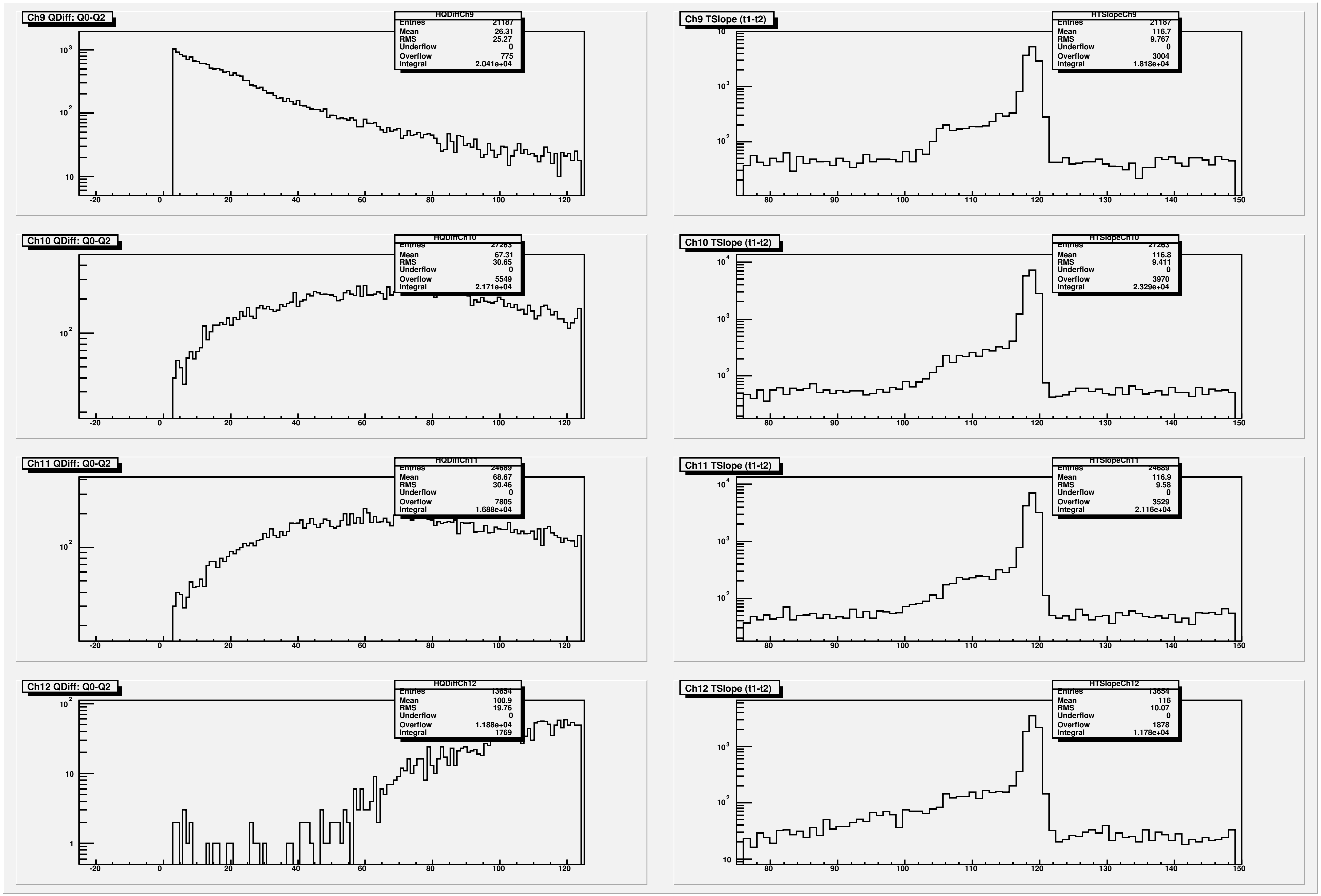
All PMTs: TADC0
HTADC0All
Entries 1650483
Mean 243.5
RMS 5.742
Underflow 0
Overflow 6.096e+05
Integral 1.041e+06
All PMTs: TADC1
HTADC1All
Entries 1650483
Mean 200.4
RMS 32.82
Underflow 0
Overflow 1.04e+05
Integral 1.546e+06
All PMTs: TADC2
HTADC2All
Entries 1650483
Mean 84.39
RMS 36.32
Underflow 0
Overflow 0
Integral 1.65e+06
All PMTs: TADC3
HTADC3All
Entries 1650483
Mean 242.8
RMS 6.243
Underflow 0
Overflow 5.541e+05
Integral 1.096e+06

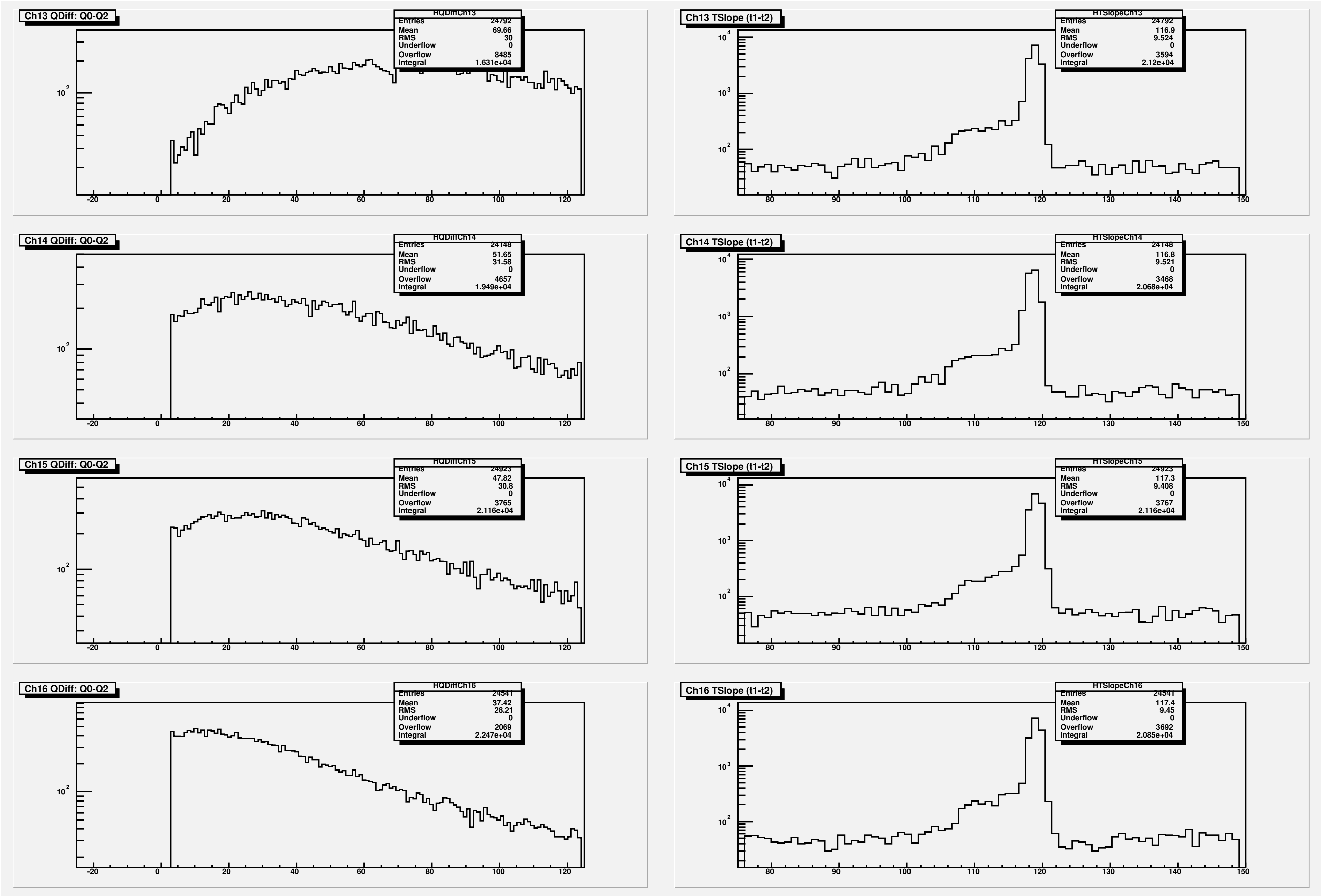


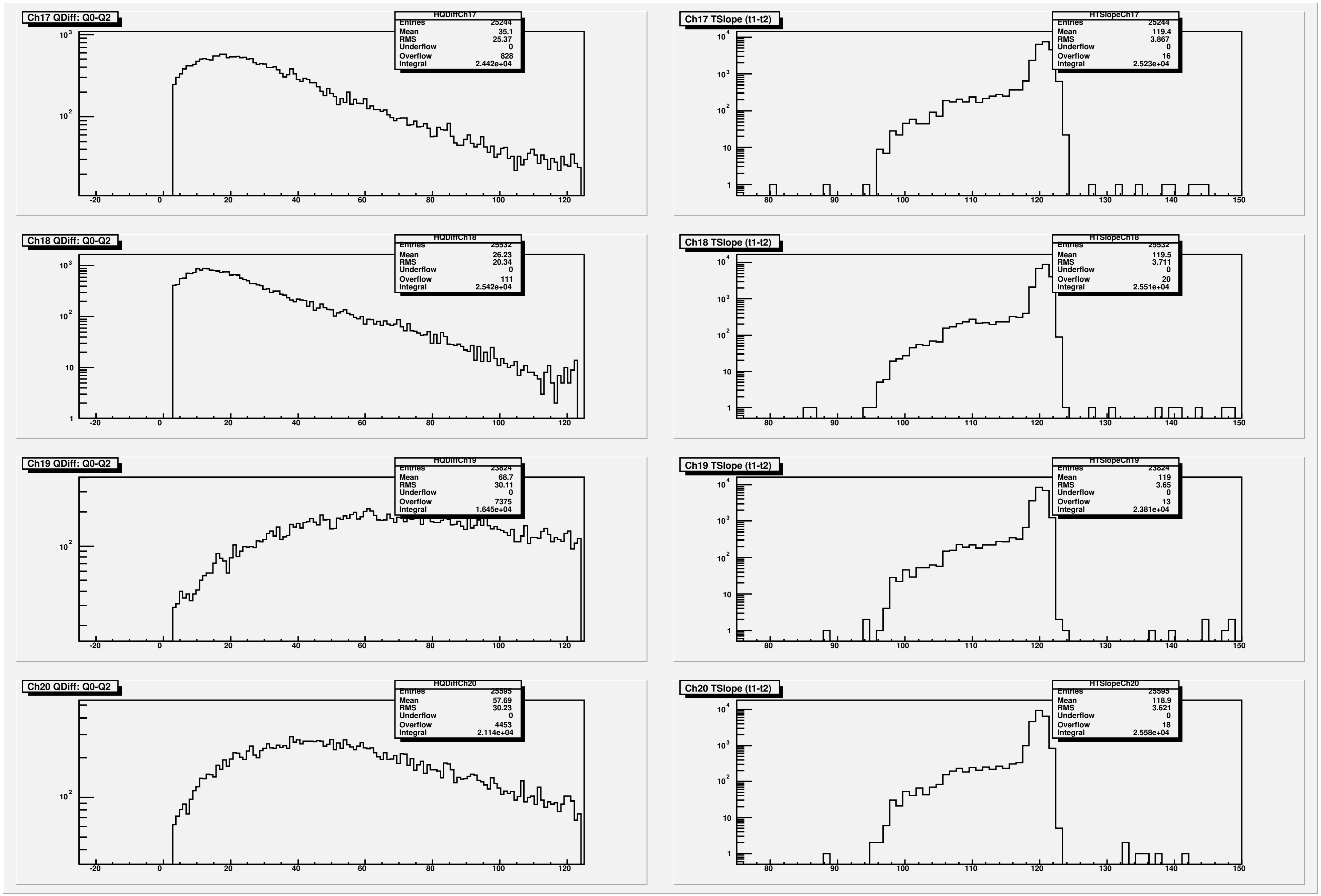
Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 7325
Mean 5.074
RMS 2.581
Underflow 0
Overflow 0
Integral 7325
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 7325
Mean 119.7
RMS 3.769
Underflow 0
Overflow 18
Integral 7307
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 41162
Mean 29.29
RMS 23.47
Underflow 0
Overflow 1354
Integral 3.981e+04
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 41162
Mean 119.3
RMS 3.758
Underflow 0
Overflow 87
Integral 4.108e+04
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 45325
Mean 19.92
RMS 13.57
Underflow 0
Overflow 2
Integral 4.532e+04
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 45325
Mean 118.2
RMS 3.653
Underflow 0
Overflow 84
Integral 4.524e+04
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 52226
Mean 44.79
RMS 27.26
Underflow 0
Overflow 1988
Integral 5.024e+04
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 52226
Mean 119.3
RMS 3.516
Underflow 0
Overflow 119
Integral 5.211e+04



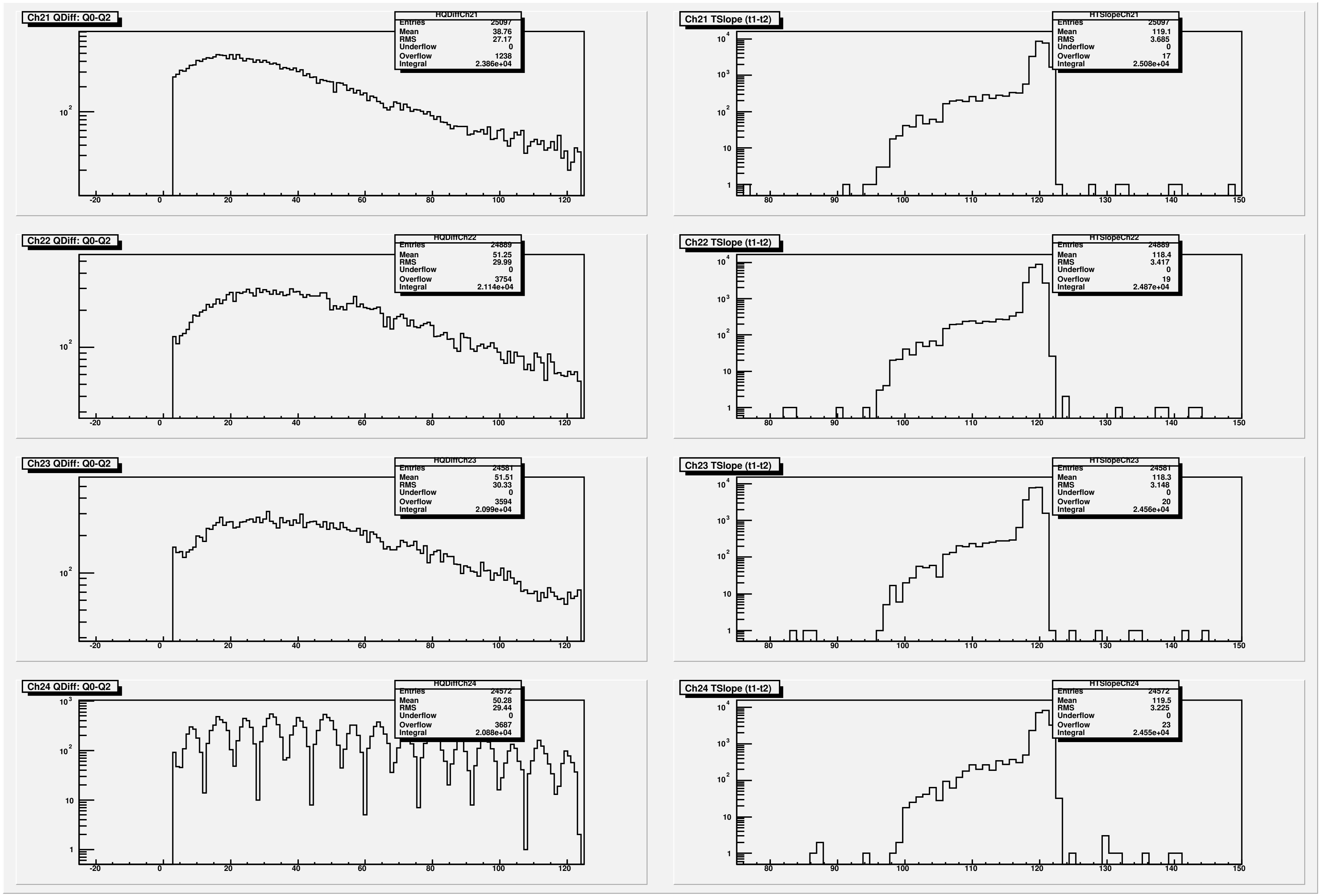
Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 35294
Mean 10.1
RMS 8.434
Underflow 0
Overflow 0
Integral 3.529e+04
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 35294
Mean 119.3
RMS 3.307
Underflow 0
Overflow 66
Integral 3.523e+04
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 39570
Mean 17.92
RMS 18.72
Underflow 0
Overflow 147
Integral 3.942e+04
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 39570
Mean 119.5
RMS 3.109
Underflow 0
Overflow 76
Integral 3.949e+04
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 49927
Mean 38.65
RMS 27.39
Underflow 0
Overflow 3227
Integral 4.67e+04
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 49927
Mean 118.1
RMS 2.981
Underflow 0
Overflow 106
Integral 4.982e+04
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 46012
Mean 27.35
RMS 23.99
Underflow 0
Overflow 1021
Integral 4.499e+04
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 46012
Mean 118.6
RMS 2.846
Underflow 0
Overflow 99
Integral 4.591e+04

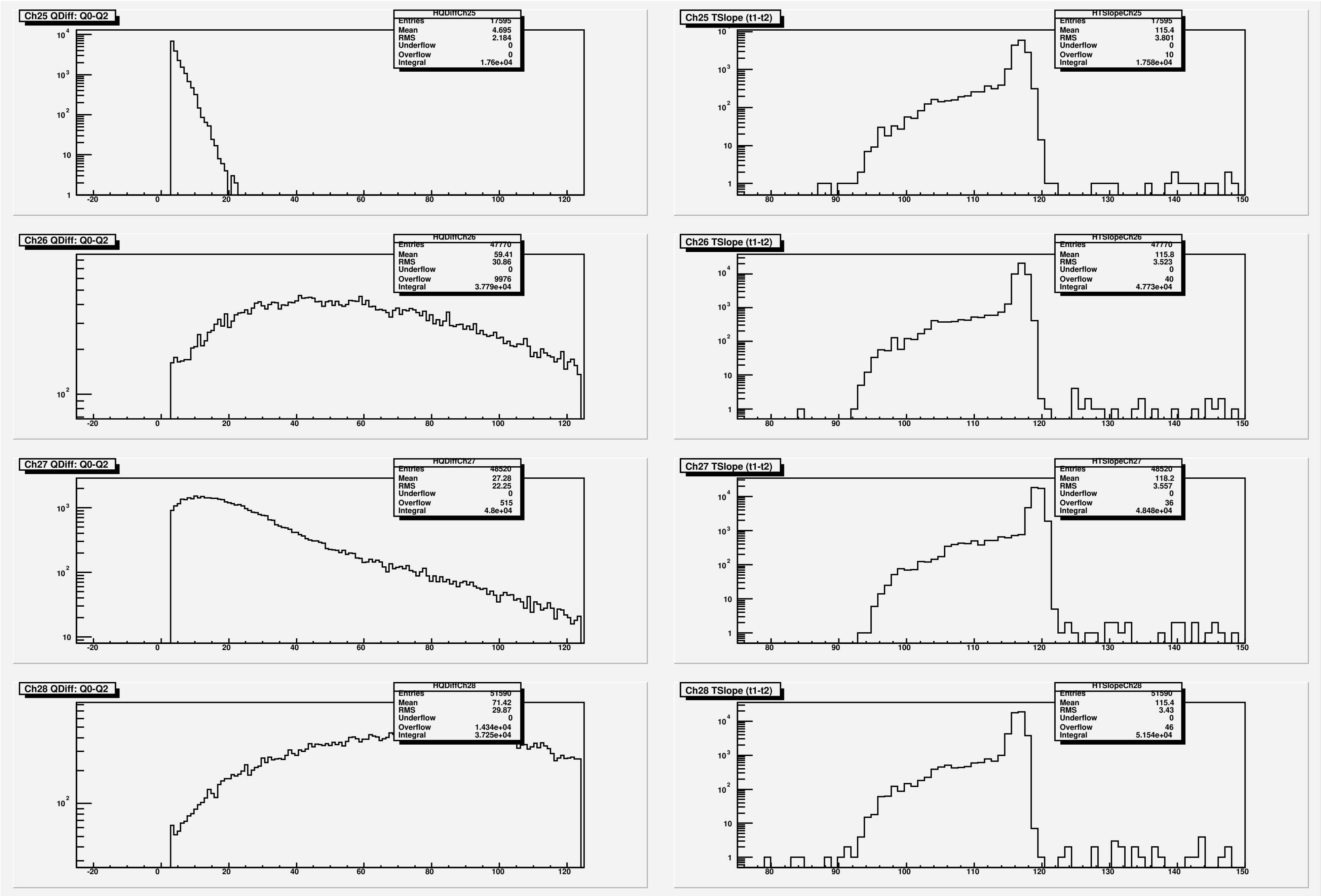

Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 21187
Mean 26.31
RMS 25.27
Underflow 0
Overflow 775
Integral 2.041e+04
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 21187
Mean 116.7
RMS 9.767
Underflow 0
Overflow 3004
Integral 1.818e+04
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 27263
Mean 67.31
RMS 30.65
Underflow 0
Overflow 5549
Integral 2.171e+04
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 27263
Mean 116.8
RMS 9.411
Underflow 0
Overflow 3970
Integral 2.329e+04
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 24689
Mean 68.67
RMS 30.46
Underflow 0
Overflow 7805
Integral 1.688e+04
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 24689
Mean 116.9
RMS 9.58
Underflow 0
Overflow 3529
Integral 2.116e+04
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 13654
Mean 100.9
RMS 19.76
Underflow 0
Overflow 1.188e+04
Integral 1769
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 13654
Mean 116
RMS 10.07
Underflow 0
Overflow 1878
Integral 1.178e+04


Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 24792
Mean 69.66
RMS 30
Underflow 0
Overflow 8485
Integral 1.631e+04
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 24792
Mean 116.9
RMS 9.524
Underflow 0
Overflow 3594
Integral 2.12e+04
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 24148
Mean 51.65
RMS 31.58
Underflow 0
Overflow 4657
Integral 1.949e+04
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 24148
Mean 116.8
RMS 9.521
Underflow 0
Overflow 3468
Integral 2.068e+04
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 24923
Mean 47.82
RMS 30.8
Underflow 0
Overflow 3765
Integral 2.116e+04
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 24923
Mean 117.3
RMS 9.408
Underflow 0
Overflow 3767
Integral 2.116e+04
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 24541
Mean 37.42
RMS 28.21
Underflow 0
Overflow 2069
Integral 2.247e+04
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 24541
Mean 117.4
RMS 9.45
Underflow 0
Overflow 3692
Integral 2.085e+04

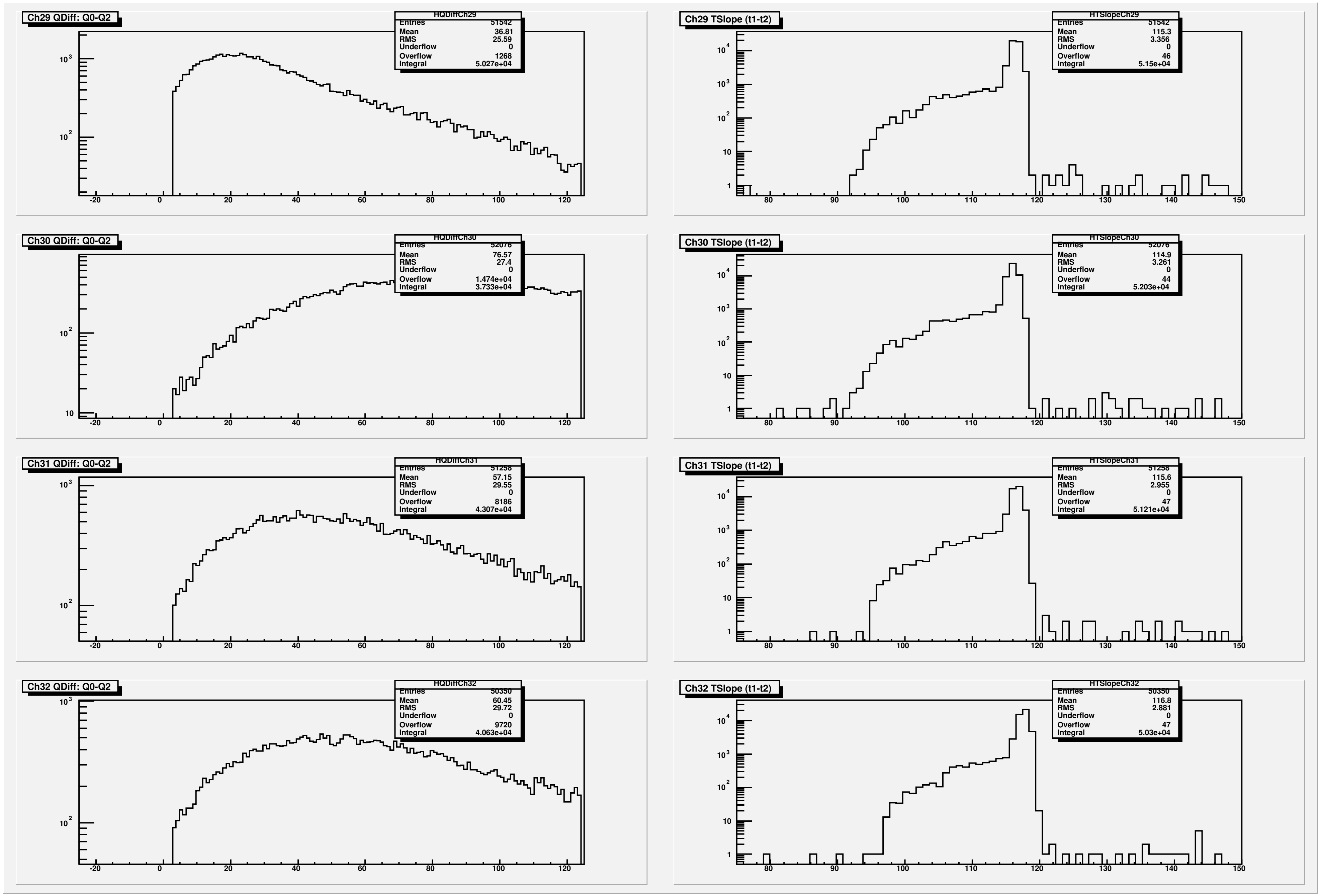


Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 25244
Mean 35.1
RMS 25.37
Underflow 0
Overflow 828
Integral 2.442e+04
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 25244
Mean 119.4
RMS 3.867
Underflow 0
Overflow 16
Integral 2.523e+04
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 25532
Mean 26.23
RMS 20.34
Underflow 0
Overflow 111
Integral 2.542e+04
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 25532
Mean 119.5
RMS 3.711
Underflow 0
Overflow 20
Integral 2.551e+04
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 23824
Mean 68.7
RMS 30.11
Underflow 0
Overflow 7375
Integral 1.645e+04
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 23824
Mean 119
RMS 3.65
Underflow 0
Overflow 13
Integral 2.381e+04
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 25595
Mean 57.69
RMS 30.23
Underflow 0
Overflow 4453
Integral 2.114e+04
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 25595
Mean 118.9
RMS 3.621
Underflow 0
Overflow 18
Integral 2.558e+04

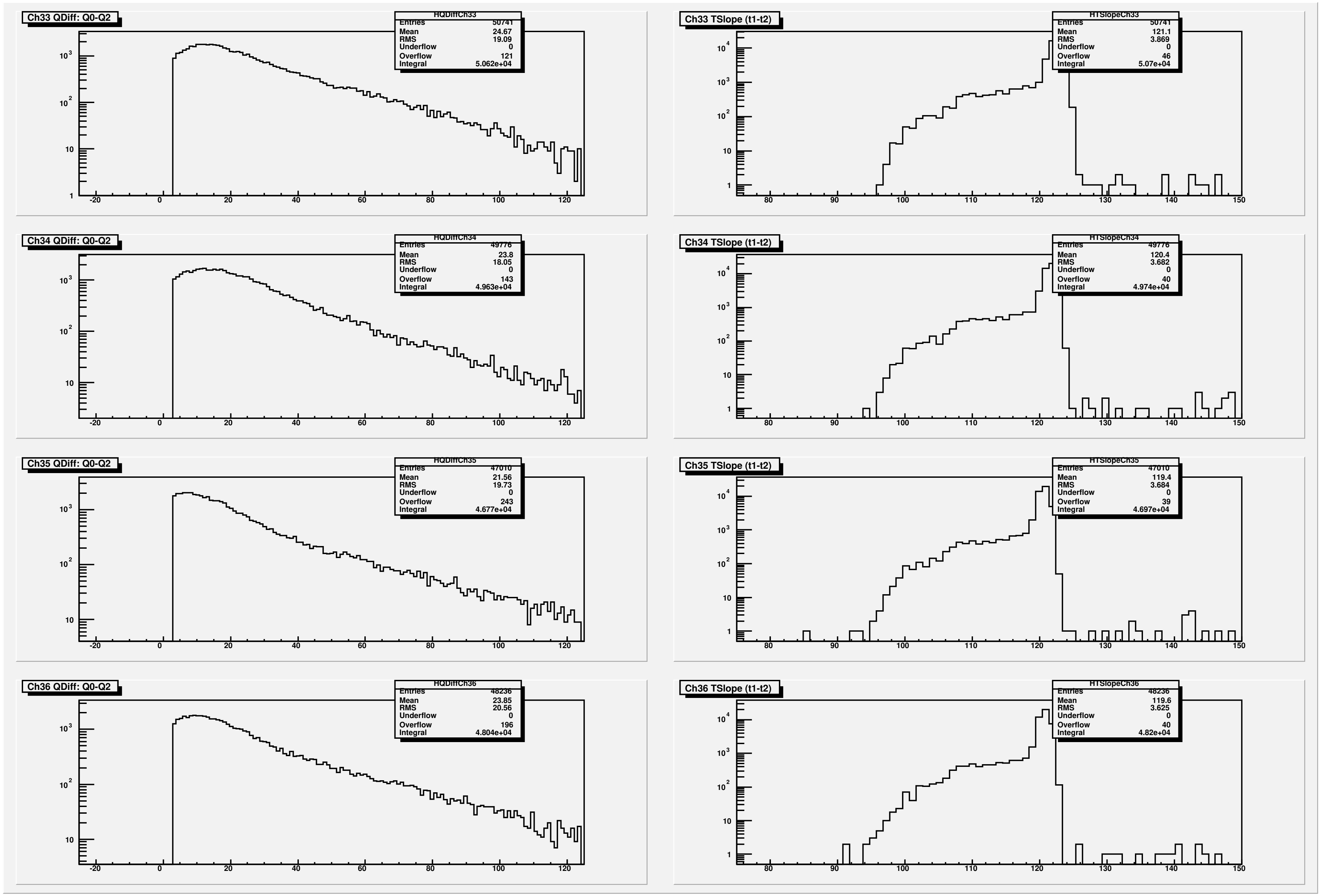

Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 25097
Mean 38.76
RMS 27.17
Underflow 0
Overflow 1238
Integral 2.386e+04
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 25097
Mean 119.1
RMS 3.685
Underflow 0
Overflow 17
Integral 2.508e+04
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 24889
Mean 51.25
RMS 29.99
Underflow 0
Overflow 3754
Integral 2.114e+04
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 24889
Mean 118.4
RMS 3.417
Underflow 0
Overflow 19
Integral 2.487e+04
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 24581
Mean 51.51
RMS 30.33
Underflow 0
Overflow 3594
Integral 2.099e+04
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 24581
Mean 118.3
RMS 3.148
Underflow 0
Overflow 20
Integral 2.456e+04
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 24572
Mean 50.28
RMS 29.44
Underflow 0
Overflow 3687
Integral 2.088e+04
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 24572
Mean 119.5
RMS 3.225
Underflow 0
Overflow 23
Integral 2.455e+04

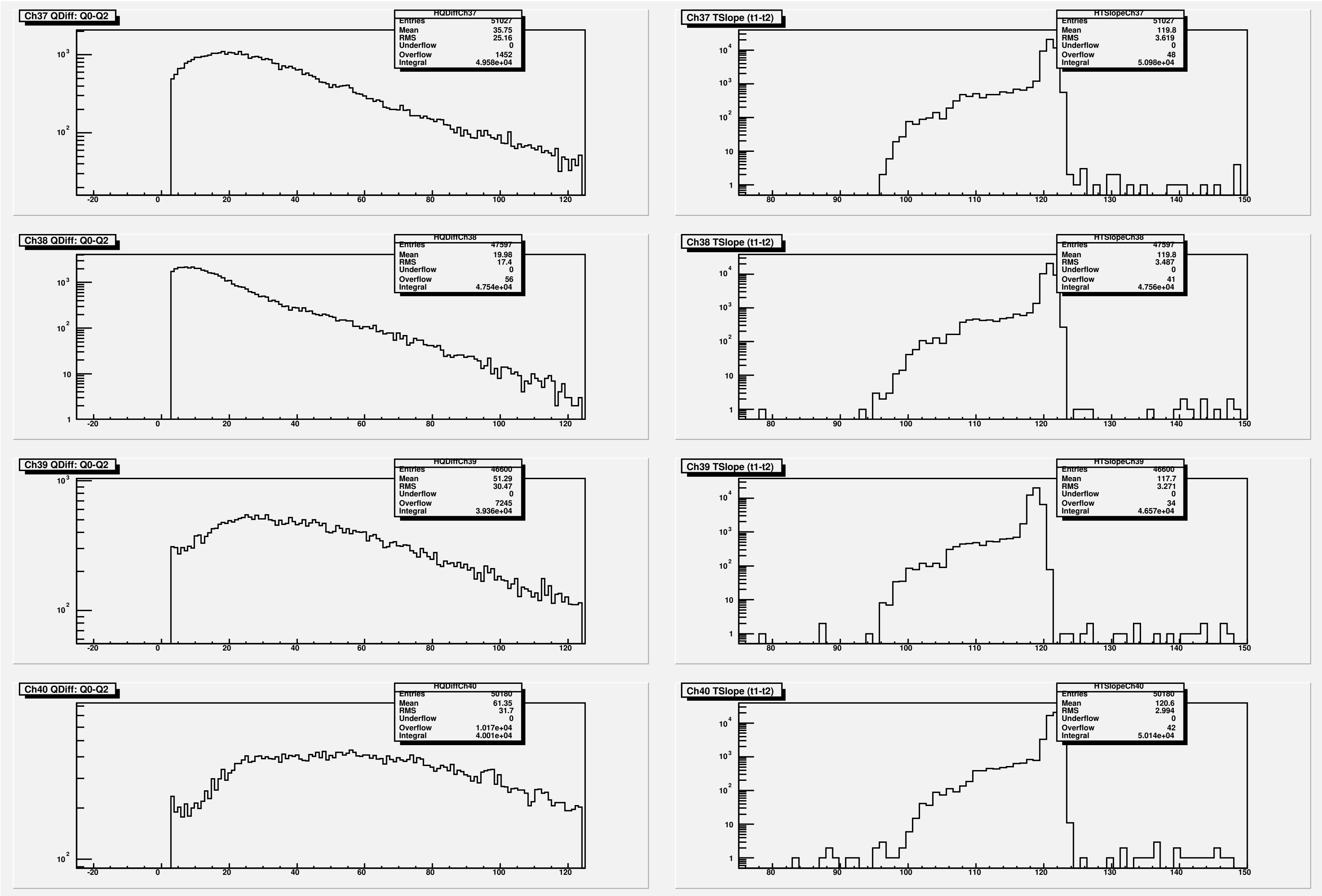


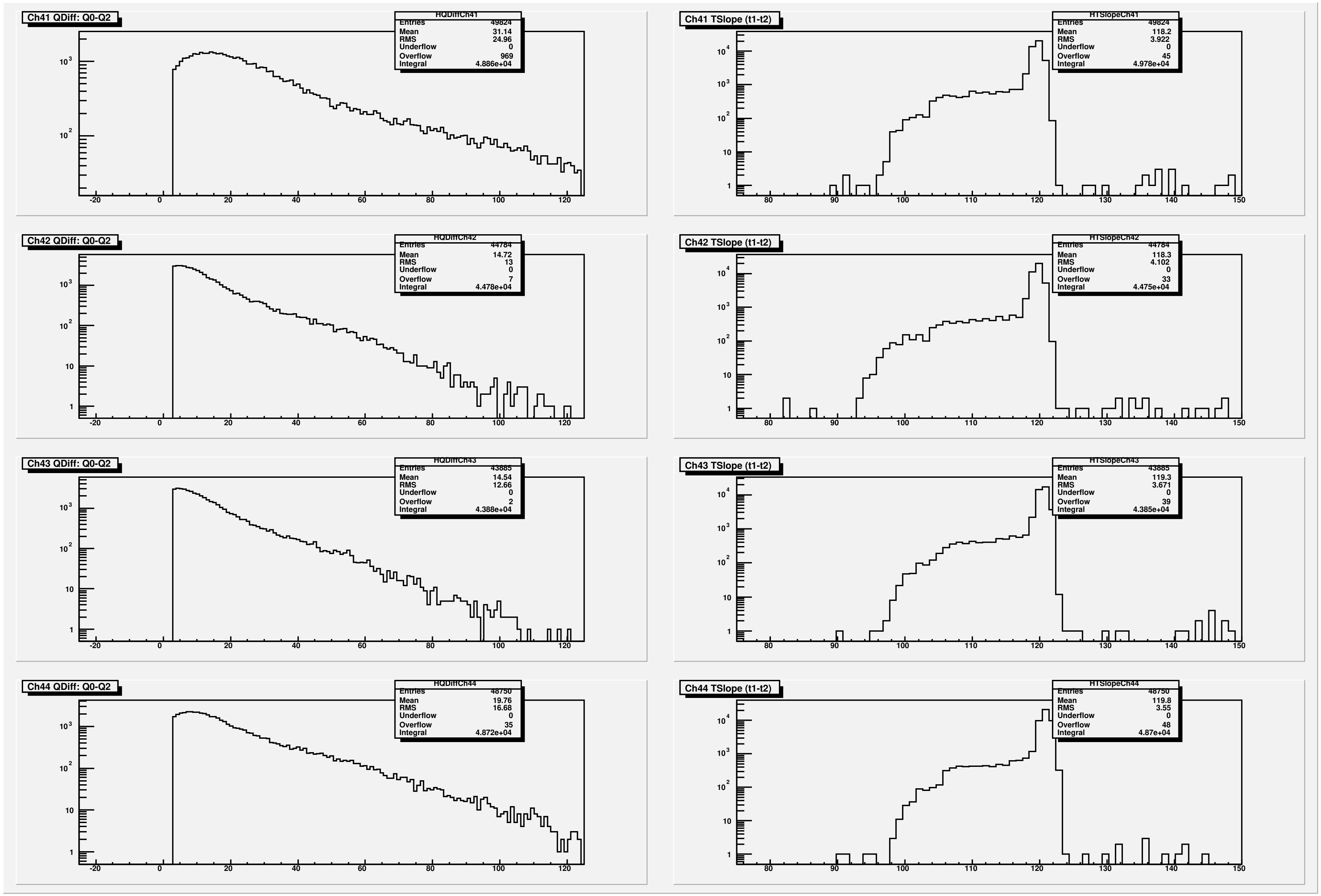
Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 17595
Mean 4.695
RMS 2.184
Underflow 0
Overflow 0
Integral 1.76e+04
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 17595
Mean 115.4
RMS 3.801
Underflow 0
Overflow 10
Integral 1.758e+04
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 47770
Mean 59.41
RMS 30.86
Underflow 0
Overflow 9976
Integral 3.779e+04
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 47770
Mean 115.8
RMS 3.523
Underflow 0
Overflow 40
Integral 4.773e+04
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 48520
Mean 27.28
RMS 22.25
Underflow 0
Overflow 515
Integral 4.8e+04
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 48520
Mean 118.2
RMS 3.557
Underflow 0
Overflow 36
Integral 4.848e+04
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 51590
Mean 71.42
RMS 29.87
Underflow 0
Overflow 1.434e+04
Integral 3.725e+04
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 51590
Mean 115.4
RMS 3.43
Underflow 0
Overflow 46
Integral 5.154e+04



Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 51542
Mean 36.81
RMS 25.59
Underflow 0
Overflow 1268
Integral 5.027e+04
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 51542
Mean 115.3
RMS 3.356
Underflow 0
Overflow 46
Integral 5.15e+04
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 52076
Mean 76.57
RMS 27.4
Underflow 0
Overflow 1.474e+04
Integral 3.733e+04
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 52076
Mean 114.9
RMS 3.261
Underflow 0
Overflow 44
Integral 5.203e+04
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 51258
Mean 57.15
RMS 29.55
Underflow 0
Overflow 8186
Integral 4.307e+04
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 51258
Mean 115.6
RMS 2.955
Underflow 0
Overflow 47
Integral 5.121e+04
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 50350
Mean 60.45
RMS 29.72
Underflow 0
Overflow 9720
Integral 4.063e+04
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 50350
Mean 116.8
RMS 2.881
Underflow 0
Overflow 47
Integral 5.03e+04


Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 50741
Mean 24.67
RMS 19.09
Underflow 0
Overflow 121
Integral 5.062e+04
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 50741
Mean 121.1
RMS 3.869
Underflow 0
Overflow 46
Integral 5.07e+04
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 49776
Mean 23.8
RMS 18.05
Underflow 0
Overflow 143
Integral 4.963e+04
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 49776
Mean 120.4
RMS 3.682
Underflow 0
Overflow 40
Integral 4.974e+04
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 47010
Mean 21.56
RMS 19.73
Underflow 0
Overflow 243
Integral 4.677e+04
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 47010
Mean 119.4
RMS 3.684
Underflow 0
Overflow 39
Integral 4.697e+04
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 48236
Mean 23.85
RMS 20.56
Underflow 0
Overflow 196
Integral 4.804e+04
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 48236
Mean 119.6
RMS 3.625
Underflow 0
Overflow 40
Integral 4.82e+04


Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 51027
Mean 35.75
RMS 25.16
Underflow 0
Overflow 1452
Integral 4.958e+04
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 51027
Mean 119.8
RMS 3.619
Underflow 0
Overflow 48
Integral 5.098e+04
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 47597
Mean 19.98
RMS 17.4
Underflow 0
Overflow 56
Integral 4.754e+04
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 47597
Mean 119.8
RMS 3.487
Underflow 0
Overflow 41
Integral 4.756e+04
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 46600
Mean 51.29
RMS 30.47
Underflow 0
Overflow 7245
Integral 3.936e+04
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 46600
Mean 117.7
RMS 3.271
Underflow 0
Overflow 34
Integral 4.657e+04
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 50180
Mean 61.35
RMS 31.7
Underflow 0
Overflow 1.017e+04
Integral 4.001e+04
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 50180
Mean 120.6
RMS 2.994
Underflow 0
Overflow 42
Integral 5.014e+04


Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 49824
Mean 31.14
RMS 24.96
Underflow 0
Overflow 969
Integral 4.886e+04
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 49824
Mean 118.2
RMS 3.922
Underflow 0
Overflow 45
Integral 4.978e+04
Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 44784
Mean 14.72
RMS 13
Underflow 0
Overflow 7
Integral 4.478e+04
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 44784
Mean 118.3
RMS 4.102
Underflow 0
Overflow 33
Integral 4.475e+04
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 43885
Mean 14.54
RMS 12.66
Underflow 0
Overflow 2
Integral 4.388e+04
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 43885
Mean 119.3
RMS 3.671
Underflow 0
Overflow 39
Integral 4.385e+04
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 48750
Mean 19.76
RMS 16.68
Underflow 0
Overflow 35
Integral 4.872e+04
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 48750
Mean 119.8
RMS 3.55
Underflow 0
Overflow 48
Integral 4.87e+04