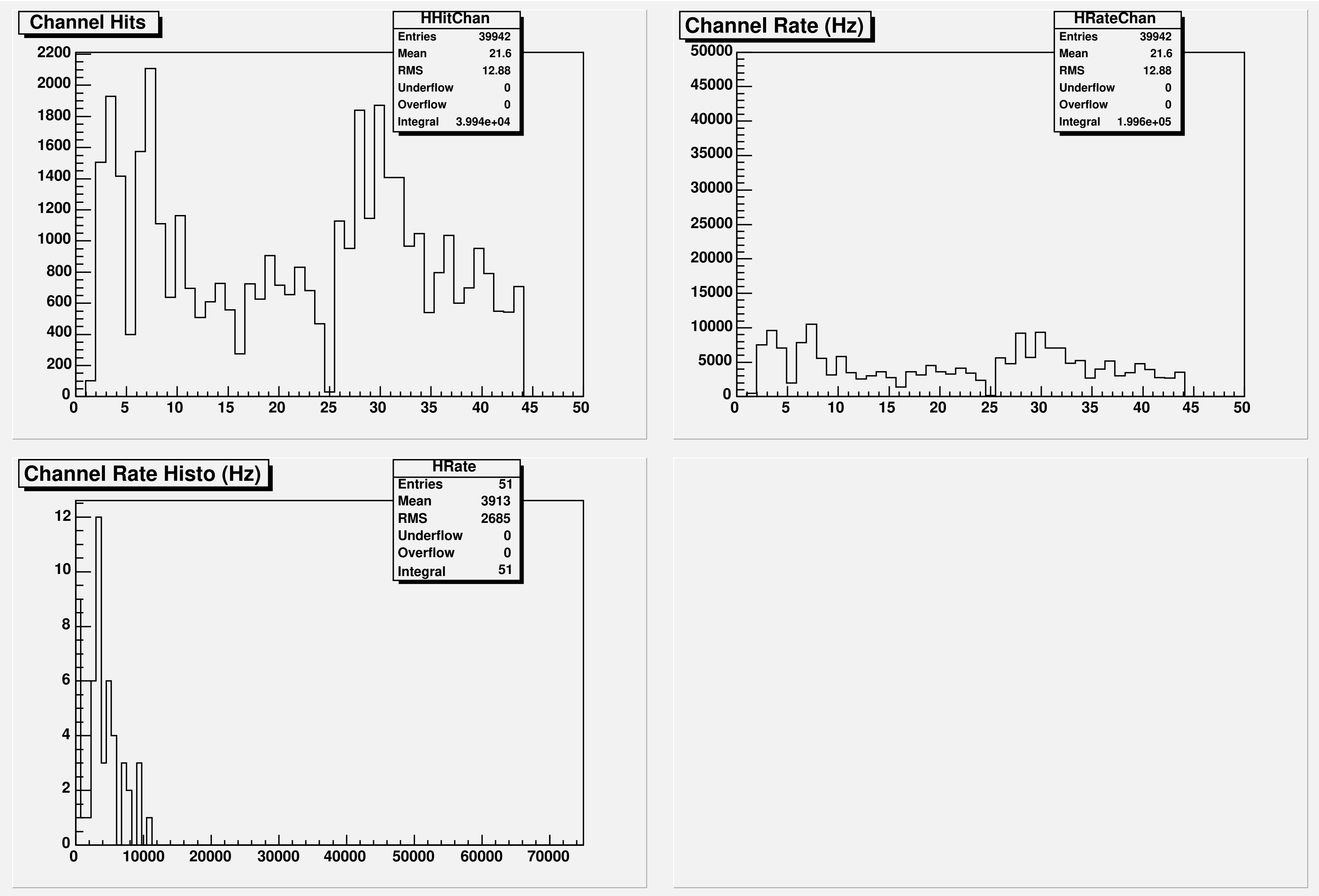
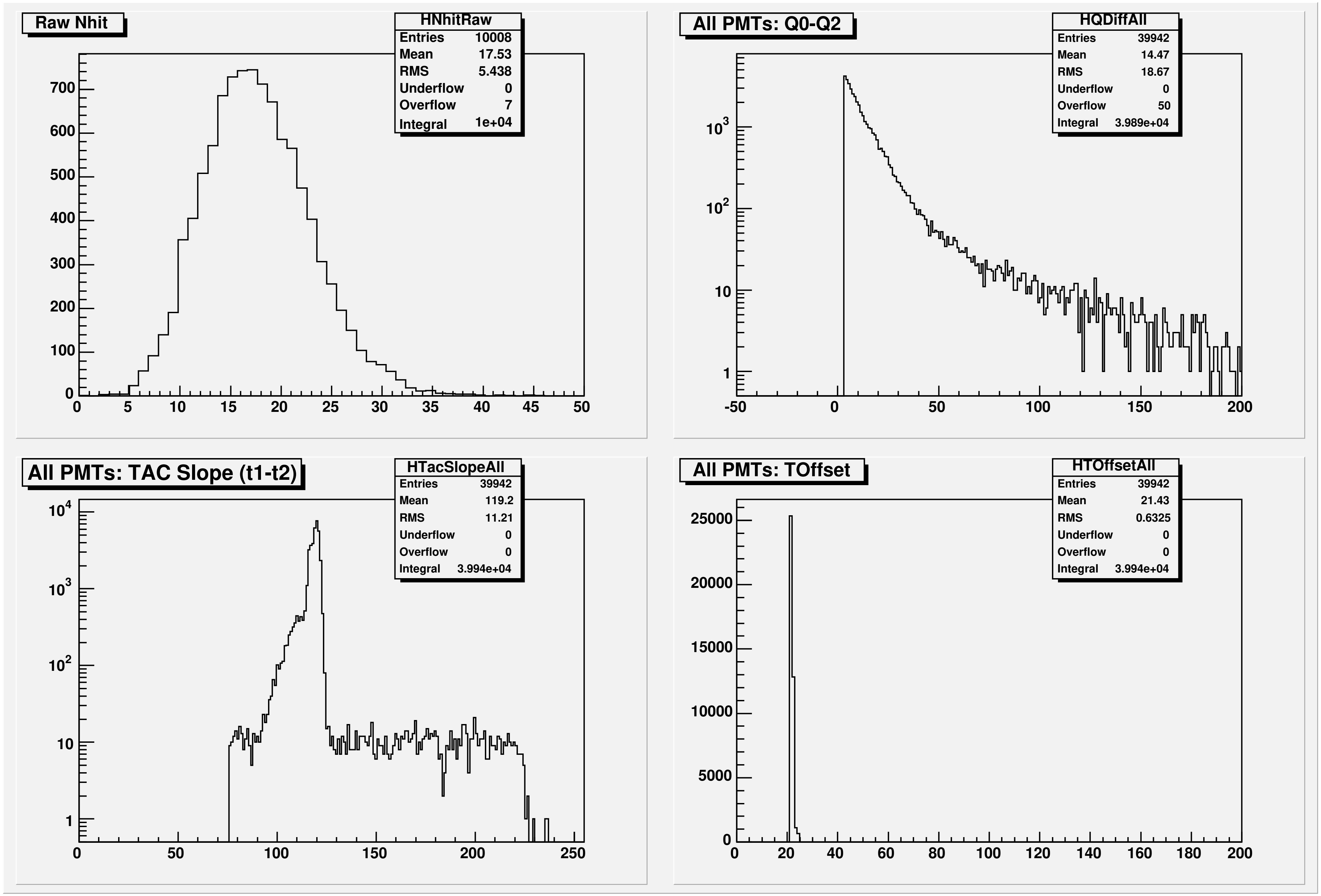
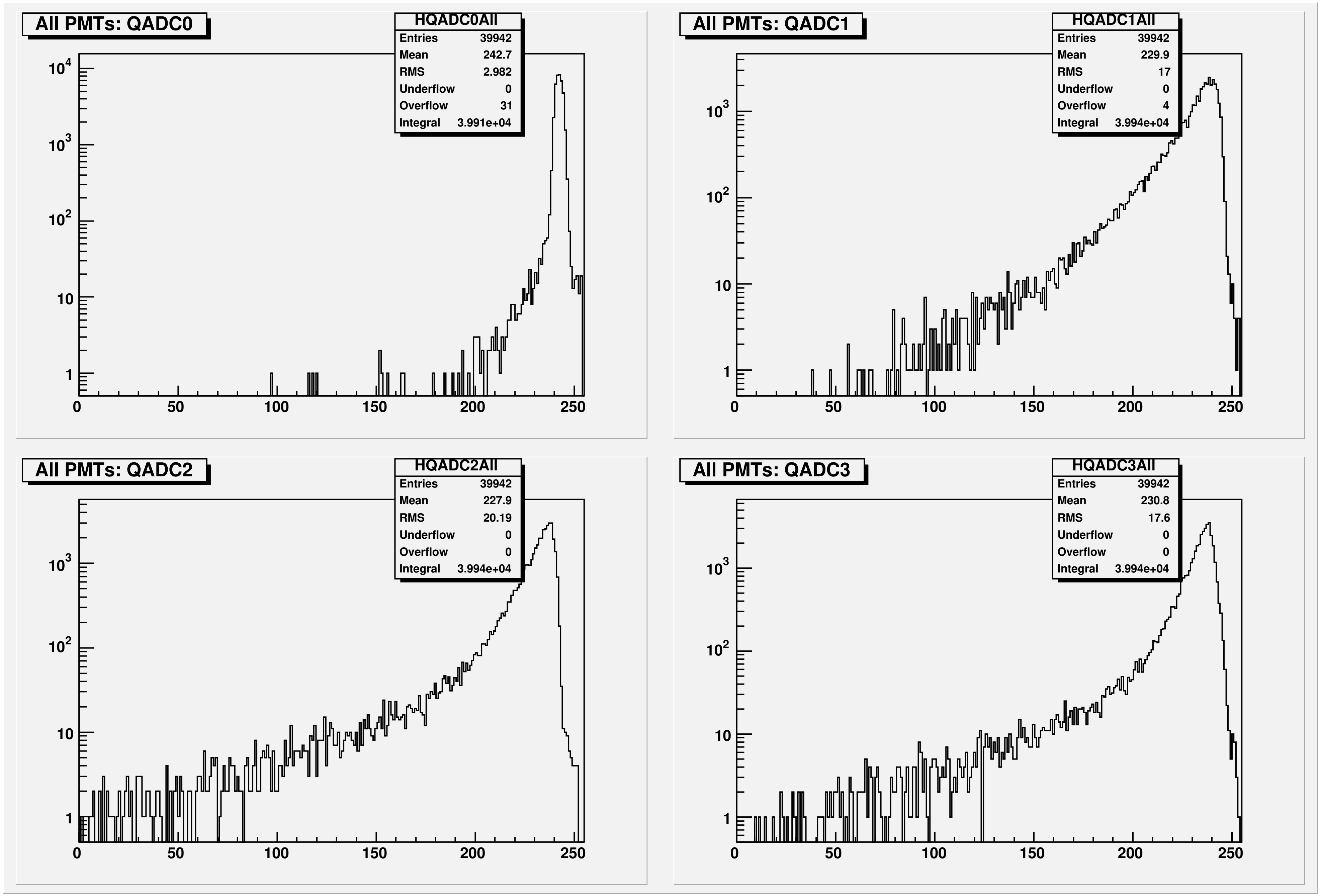
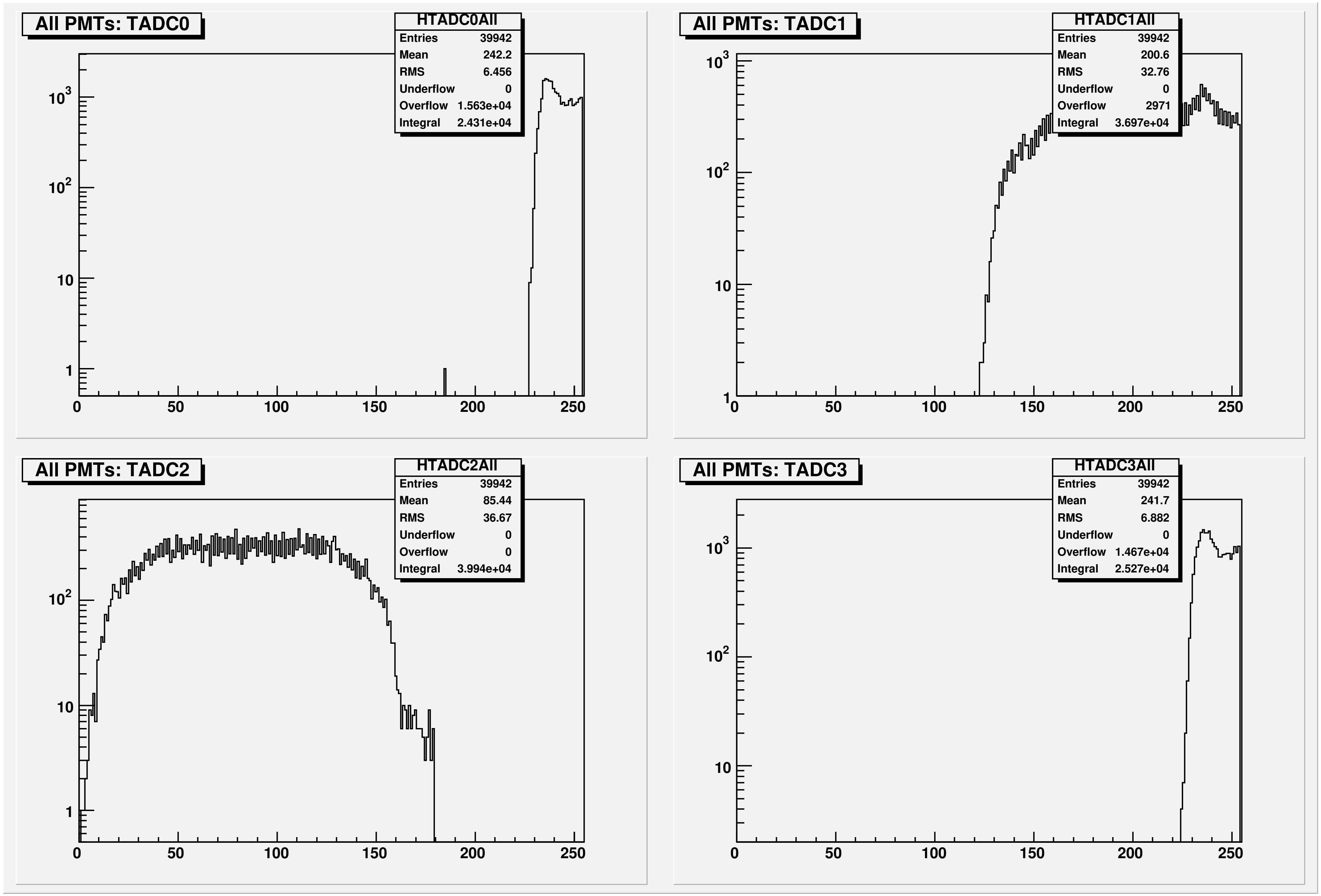
RUN: VlandUnCal Run11480 LEDTCut-QCut

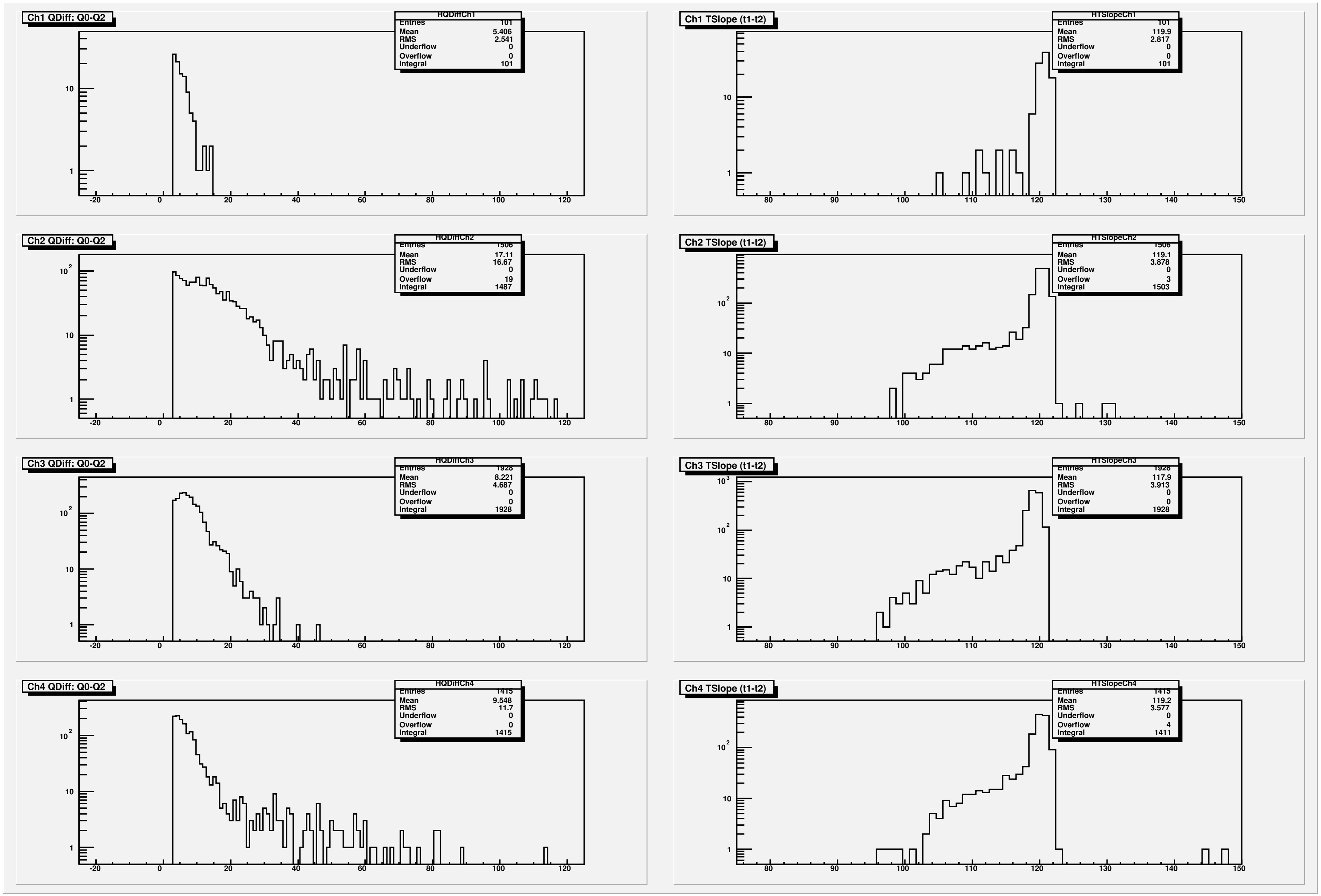

Channel Hits
HHitChan
Entries 39942
Mean 21.6
RMS 12.88
Underflow 0
Overflow 0
Integral 3.994e+04
0 200 400 600 800 1000 1200 1400 1600 1800 2000 2200
0 5 10 15 20 25 30 35 40 45 50
Channel Rate (Hz)
HRateChan
Entries 39942
Mean 21.6
RMS 12.88
Underflow 0
Overflow 0
Integral 1.996e+05
0 5000 10000 15000 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 3913
RMS 2685
Underflow 0
Overflow 0
Integral 51
0 2 4 6 8 10 12
0 10000 20000 30000 40000 50000 60000 70000

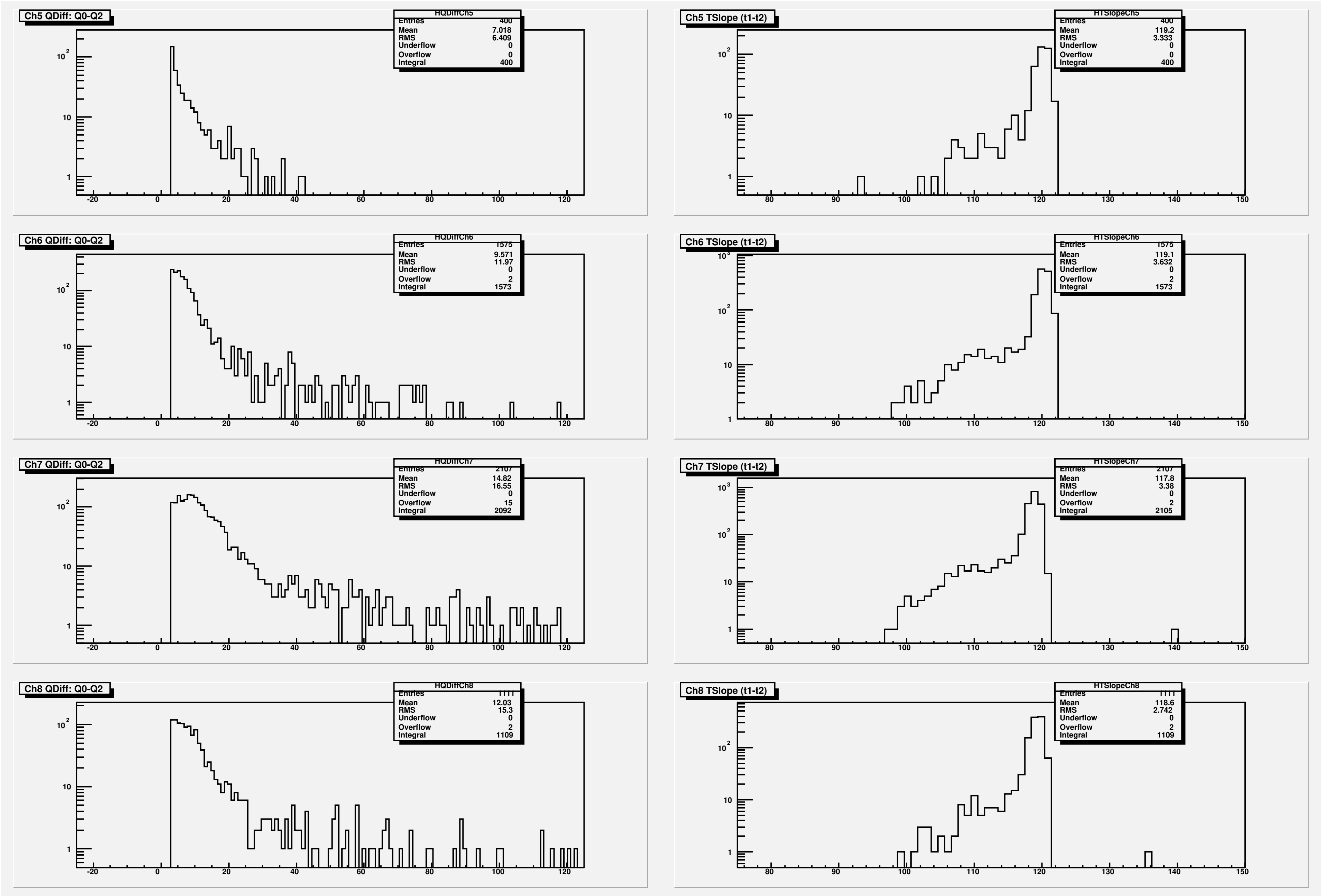

Raw Nhit
HNhitRaw
Entries 10008
Mean 17.53
RMS 5.438
Underflow 0
Overflow 7
Integral 1e+04
All PMTs: Q0-Q2
HQDiffAll
Entries 39942
Mean 14.47
RMS 18.67
Underflow 0
Overflow 50
Integral 3.989e+04
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 39942
Mean 119.2
RMS 11.21
Underflow 0
Overflow 0
Integral 3.994e+04
All PMTs: TOffset
HTOffsetAll
Entries 39942
Mean 21.43
RMS 0.6325
Underflow 0
Overflow 0
Integral 3.994e+04

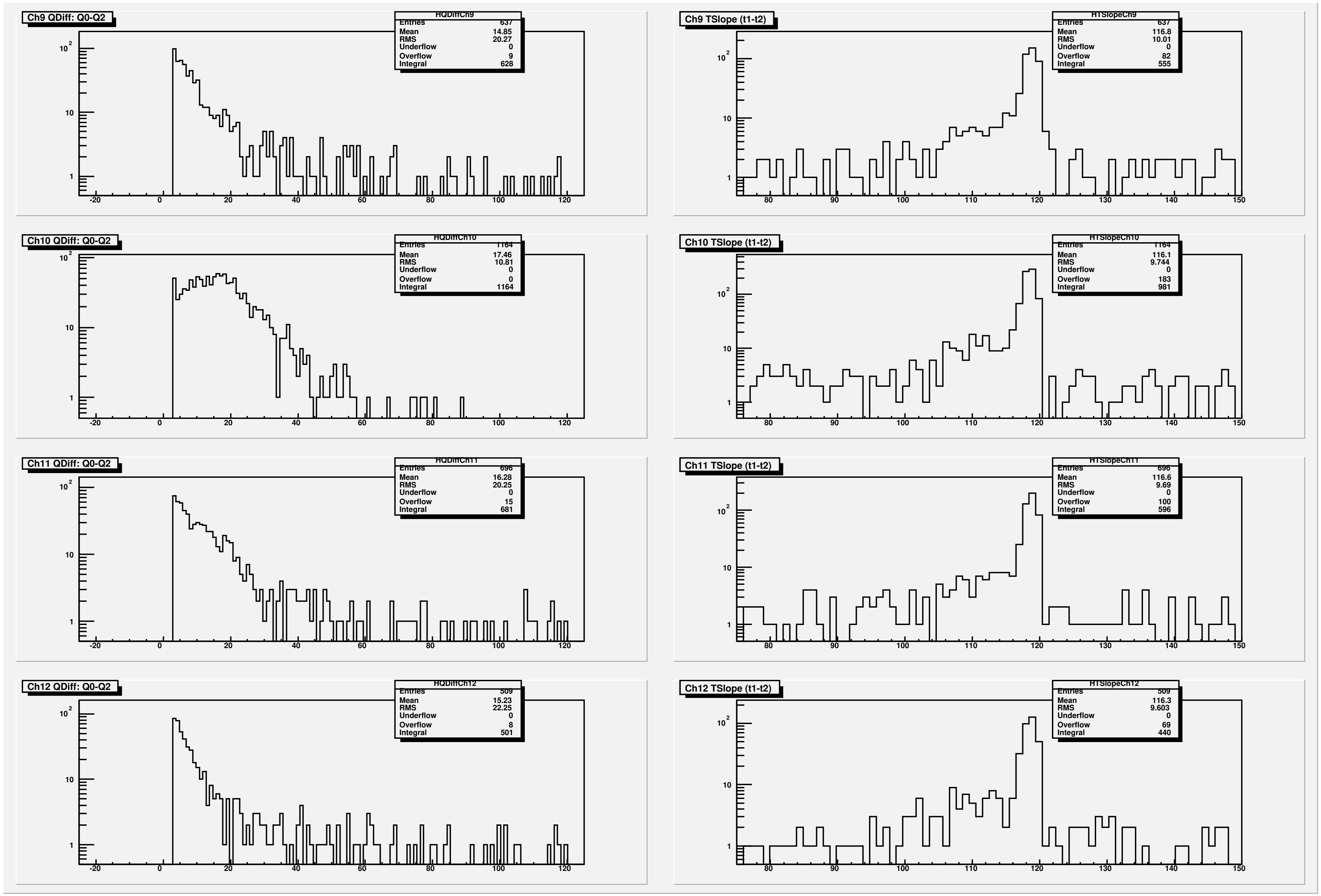


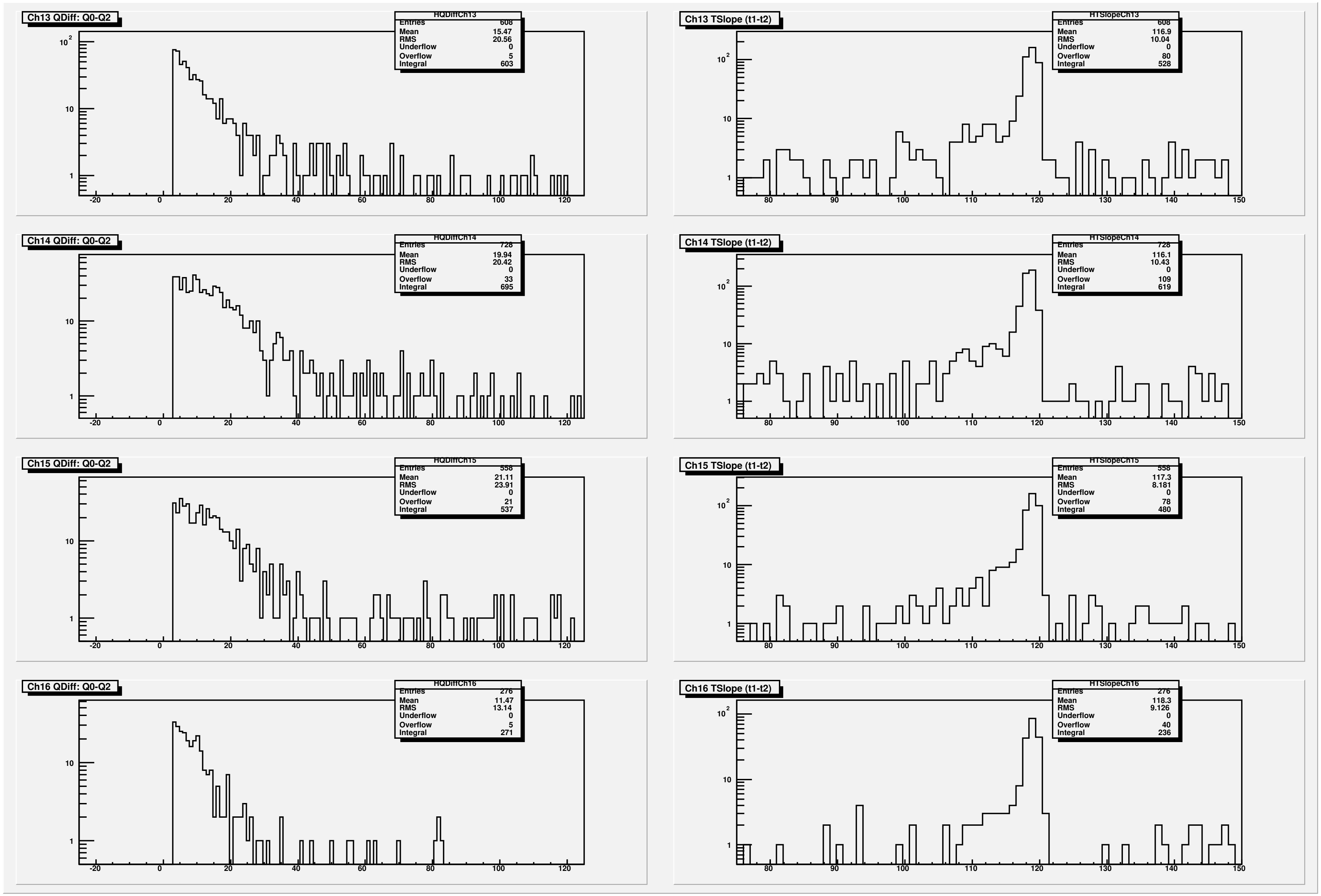
All PMTs: QADC0
HQADC0All
Entries 39942
Mean 242.7
RMS 2.982
Underflow 0
Overflow 31
Integral 3.991e+04
All PMTs: QADC1
HQADC1All
Entries 39942
Mean 229.9
RMS 17
Underflow 0
Overflow 4
Integral 3.994e+04
All PMTs: QADC2
HQADC2All
Entries 39942
Mean 227.9
RMS 20.19
Underflow 0
Overflow 0
Integral 3.994e+04
All PMTs: QADC3
HQADC3All
Entries 39942
Mean 230.8
RMS 17.6
Underflow 0
Overflow 0
Integral 3.994e+04


All PMTs: TADC0
HTADC0All
Entries 39942
Mean 242.2
RMS 6.456
Underflow 0
Overflow 1.563e+04
Integral 2.431e+04
All PMTs: TADC1
HTADC1All
Entries 39942
Mean 200.6
RMS 32.76
Underflow 0
Overflow 2971
Integral 3.697e+04
All PMTs: TADC2
HTADC2All
Entries 39942
Mean 85.44
RMS 36.67
Underflow 0
Overflow 0
Integral 3.994e+04
All PMTs: TADC3
HTADC3All
Entries 39942
Mean 241.7
RMS 6.882
Underflow 0
Overflow 1.467e+04
Integral 2.527e+04
0
50
100
150
200
250
1
10
10^2
10^3

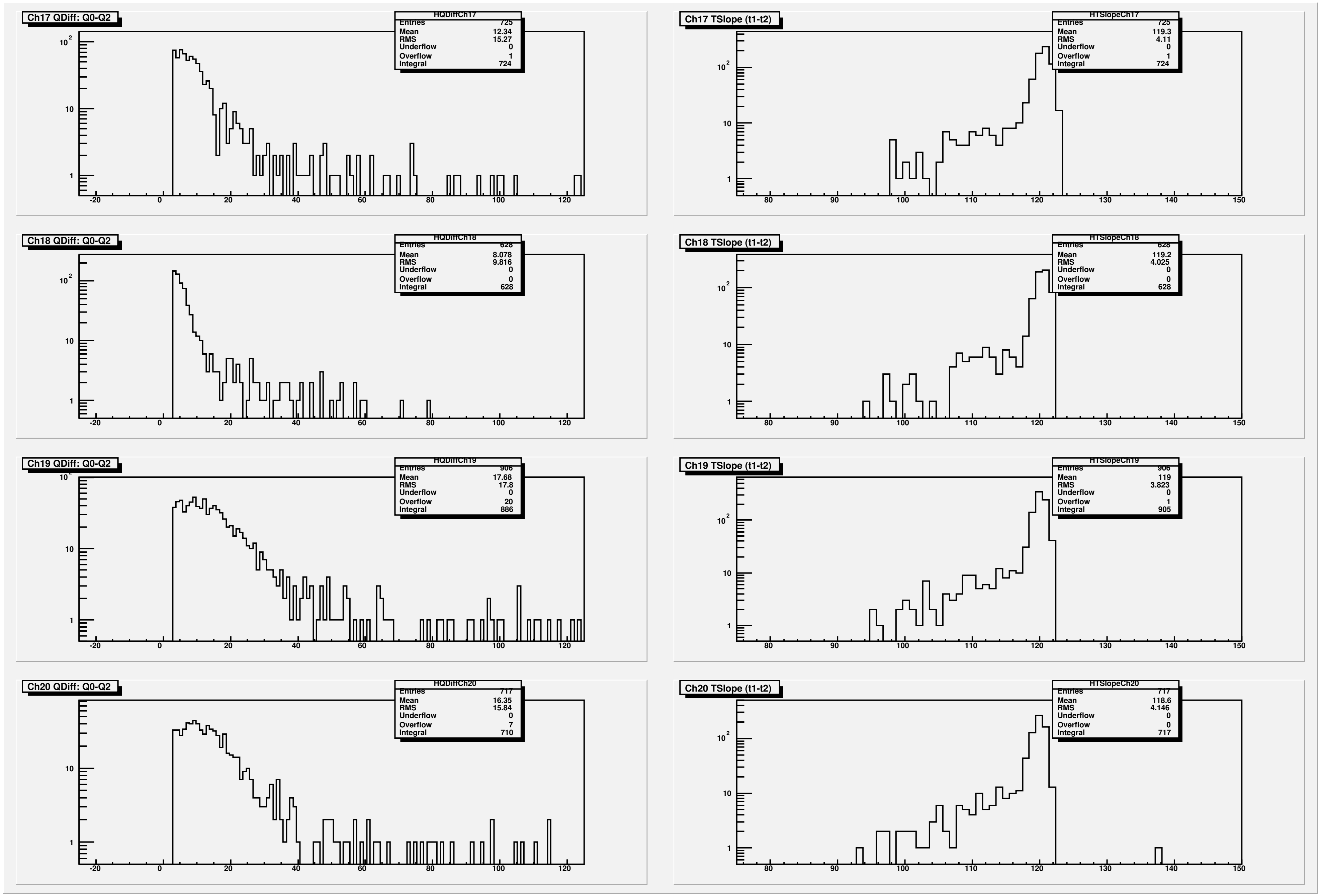

Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 101
Mean 5.406
RMS 2.541
Underflow 0
Overflow 0
Integral 101
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 101
Mean 119.9
RMS 2.817
Underflow 0
Overflow 0
Integral 101
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 1506
Mean 17.11
RMS 16.67
Underflow 0
Overflow 19
Integral 1487
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 1506
Mean 119.1
RMS 3.878
Underflow 0
Overflow 3
Integral 1503
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 1928
Mean 8.221
RMS 4.687
Underflow 0
Overflow 0
Integral 1928
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 1928
Mean 117.9
RMS 3.913
Underflow 0
Overflow 0
Integral 1928
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 1415
Mean 9.548
RMS 11.7
Underflow 0
Overflow 0
Integral 1415
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 1415
Mean 119.2
RMS 3.577
Underflow 0
Overflow 4
Integral 1411

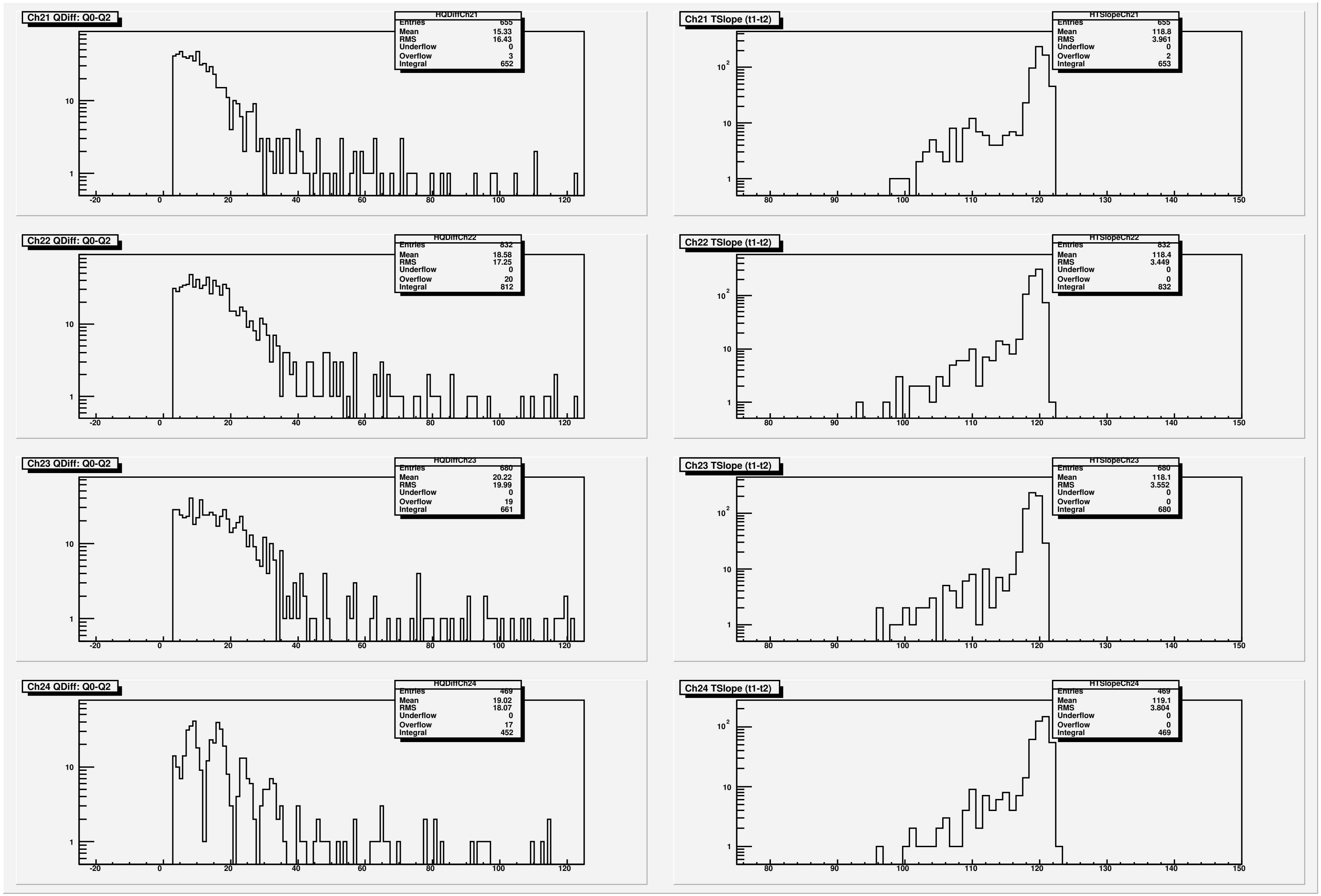

Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 400
Mean 7.018
RMS 6.409
Underflow 0
Overflow 0
Integral 400
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 400
Mean 119.2
RMS 3.333
Underflow 0
Overflow 0
Integral 400
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 1575
Mean 9.571
RMS 11.97
Underflow 0
Overflow 2
Integral 1573
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 1575
Mean 119.1
RMS 3.632
Underflow 0
Overflow 2
Integral 1573
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 2107
Mean 14.82
RMS 16.55
Underflow 0
Overflow 15
Integral 2092
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 2107
Mean 117.8
RMS 3.38
Underflow 0
Overflow 2
Integral 2105
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 1111
Mean 12.03
RMS 15.3
Underflow 0
Overflow 2
Integral 1109
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 1111
Mean 118.6
RMS 2.742
Underflow 0
Overflow 2
Integral 1109

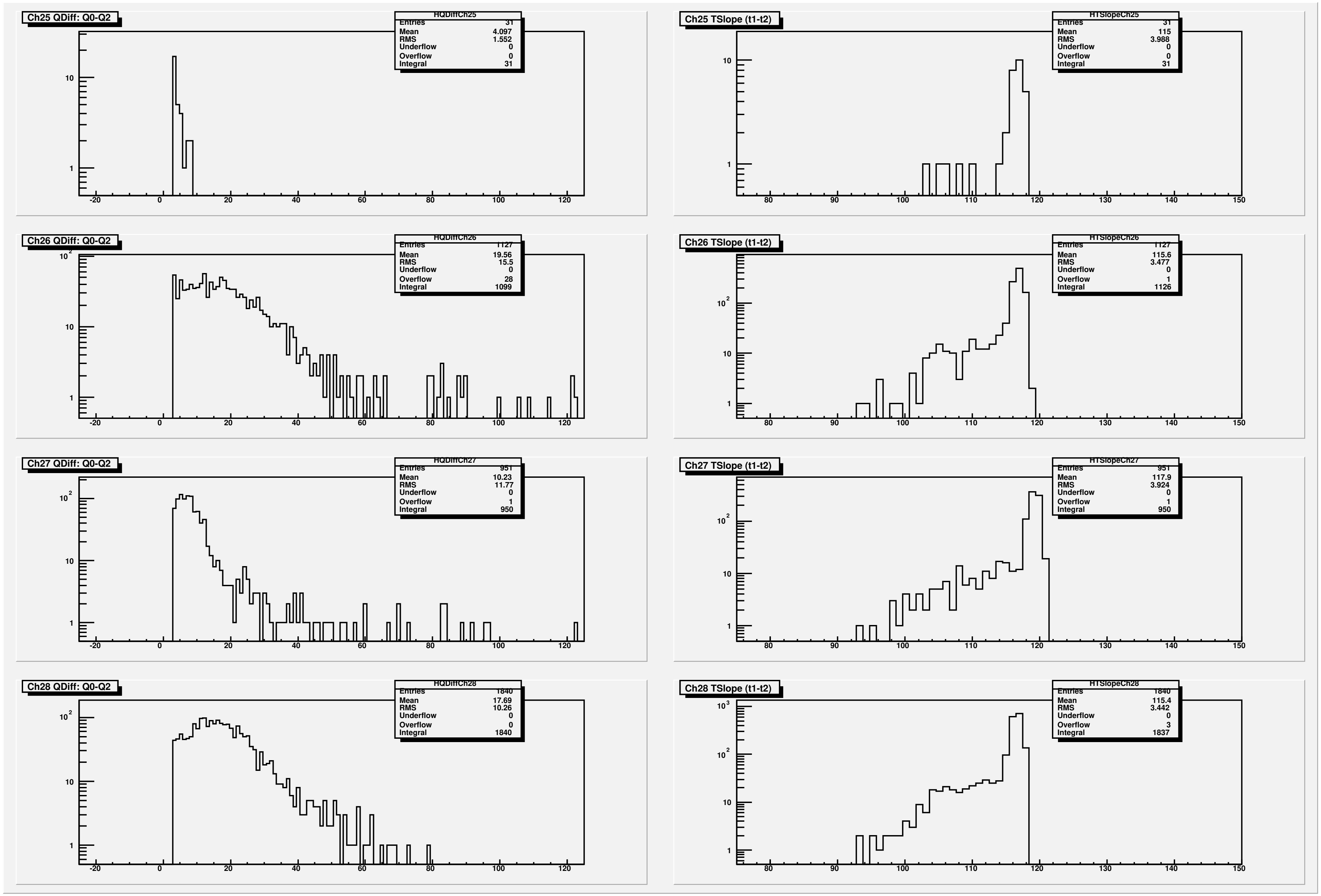

Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 637
Mean 14.85
RMS 20.27
Underflow 0
Overflow 9
Integral 628
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 637
Mean 116.8
RMS 10.01
Underflow 0
Overflow 82
Integral 555
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 1164
Mean 17.46
RMS 10.81
Underflow 0
Overflow 0
Integral 1164
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 1164
Mean 116.1
RMS 9.744
Underflow 0
Overflow 183
Integral 981
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 696
Mean 16.28
RMS 20.25
Underflow 0
Overflow 15
Integral 681
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 696
Mean 116.6
RMS 9.69
Underflow 0
Overflow 100
Integral 596
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 509
Mean 15.23
RMS 22.25
Underflow 0
Overflow 8
Integral 501
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 509
Mean 116.3
RMS 9.603
Underflow 0
Overflow 69
Integral 440

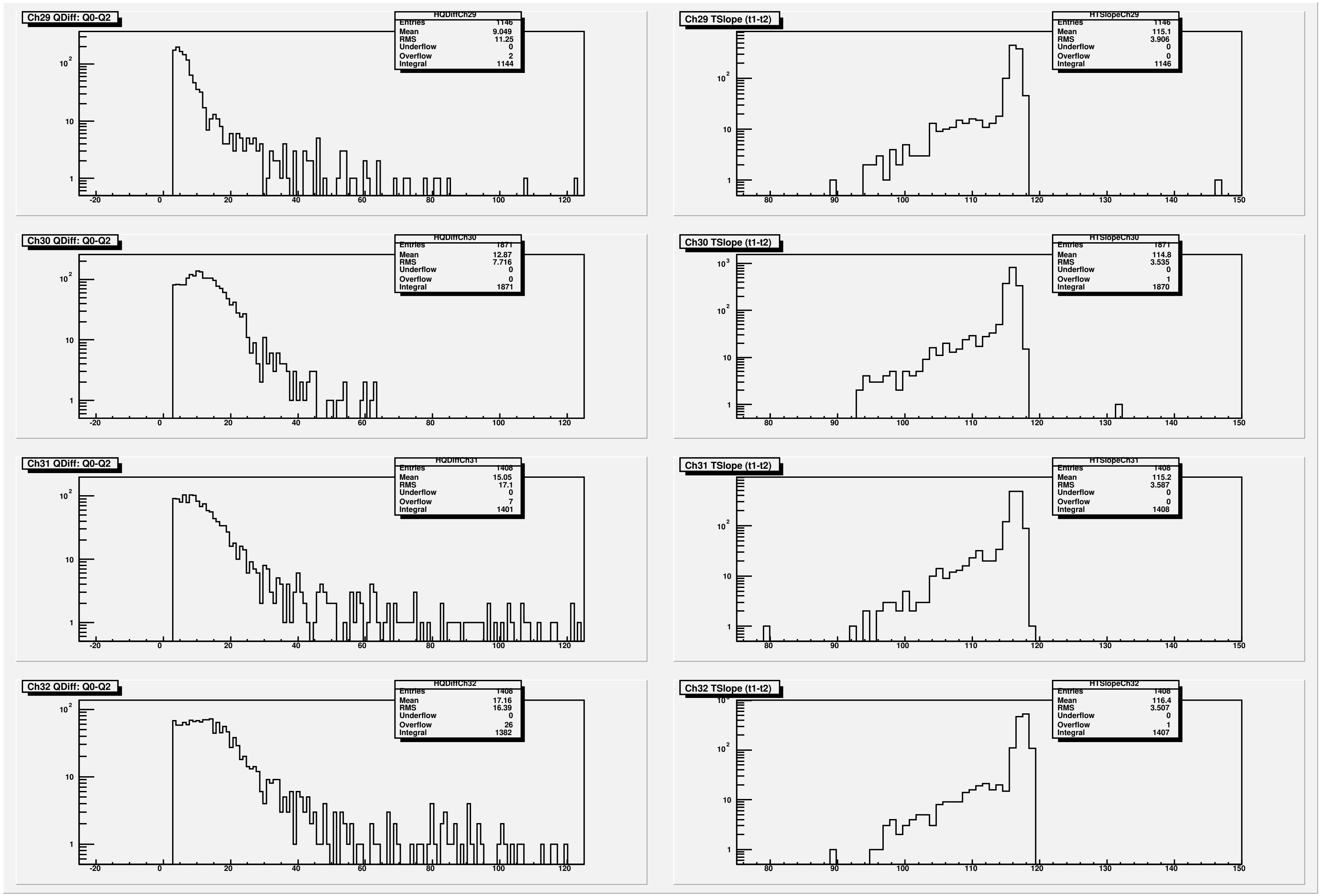


Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 608
Mean 15.47
RMS 20.56
Underflow 0
Overflow 5
Integral 603
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 608
Mean 116.9
RMS 10.04
Underflow 0
Overflow 80
Integral 528
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 728
Mean 19.94
RMS 20.42
Underflow 0
Overflow 33
Integral 695
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 728
Mean 116.1
RMS 10.43
Underflow 0
Overflow 109
Integral 619
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 558
Mean 21.11
RMS 23.91
Underflow 0
Overflow 21
Integral 537
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 558
Mean 117.3
RMS 8.181
Underflow 0
Overflow 78
Integral 480
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 276
Mean 11.47
RMS 13.14
Underflow 0
Overflow 5
Integral 271
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 276
Mean 118.3
RMS 9.126
Underflow 0
Overflow 40
Integral 236

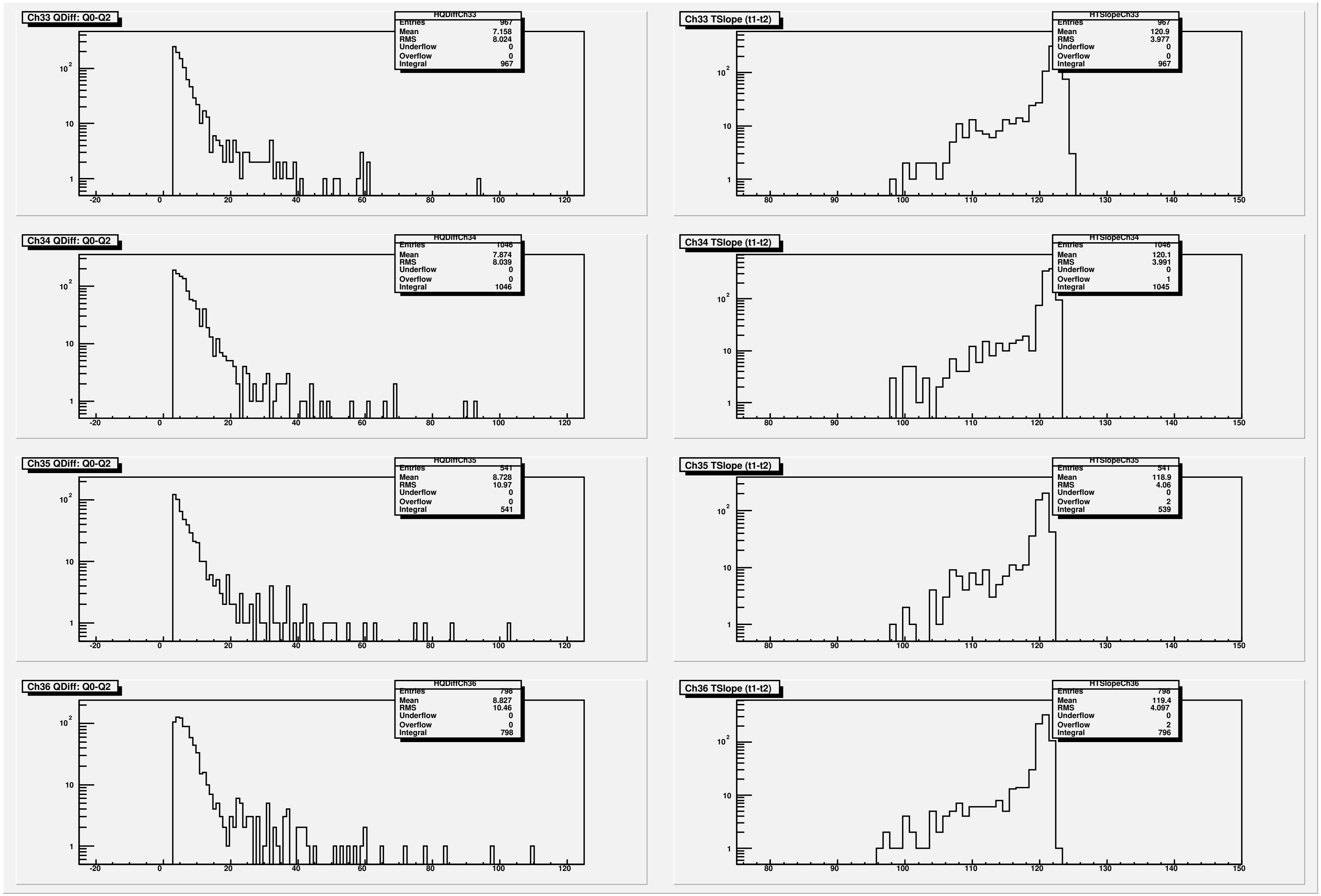

Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 725
Mean 12.34
RMS 15.27
Underflow 0
Overflow 1
Integral 724
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 725
Mean 119.3
RMS 4.11
Underflow 0
Overflow 1
Integral 724
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 628
Mean 8.078
RMS 9.816
Underflow 0
Overflow 0
Integral 628
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 628
Mean 119.2
RMS 4.025
Underflow 0
Overflow 0
Integral 628
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 906
Mean 17.68
RMS 17.8
Underflow 0
Overflow 20
Integral 886
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 906
Mean 119
RMS 3.823
Underflow 0
Overflow 1
Integral 905
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 717
Mean 16.35
RMS 15.84
Underflow 0
Overflow 7
Integral 710
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 717
Mean 118.6
RMS 4.146
Underflow 0
Overflow 0
Integral 717

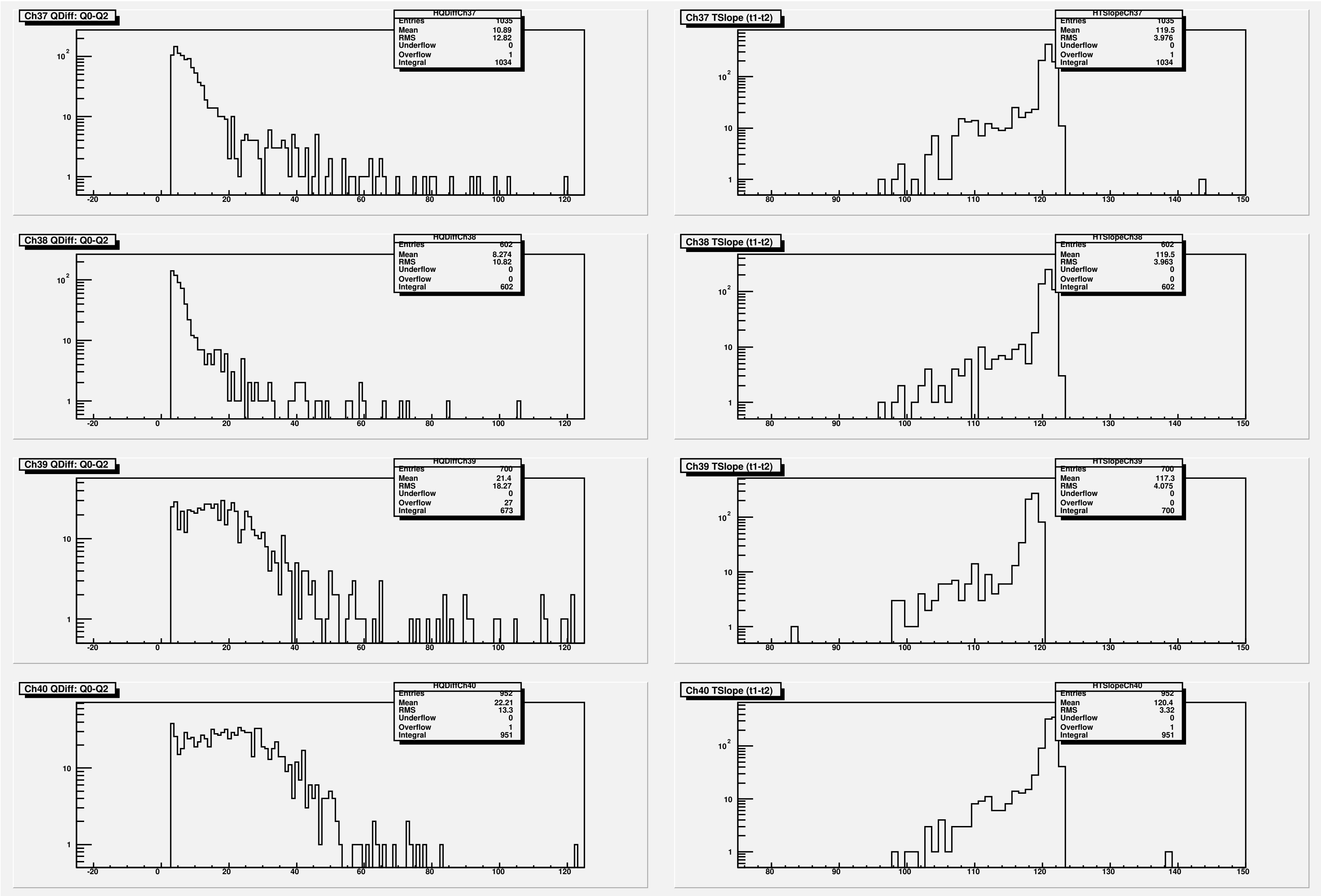

Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 655
Mean 15.33
RMS 16.43
Underflow 0
Overflow 3
Integral 652
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 655
Mean 118.8
RMS 3.961
Underflow 0
Overflow 2
Integral 653
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 832
Mean 18.58
RMS 17.25
Underflow 0
Overflow 20
Integral 812
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 832
Mean 118.4
RMS 3.449
Underflow 0
Overflow 0
Integral 832
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 680
Mean 20.22
RMS 19.99
Underflow 0
Overflow 19
Integral 661
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 680
Mean 118.1
RMS 3.552
Underflow 0
Overflow 0
Integral 680
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 469
Mean 19.02
RMS 18.07
Underflow 0
Overflow 17
Integral 452
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 469
Mean 119.1
RMS 3.804
Underflow 0
Overflow 0
Integral 469


Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 31
Mean 4.097
RMS 1.552
Underflow 0
Overflow 0
Integral 31
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 31
Mean 115
RMS 3.988
Underflow 0
Overflow 0
Integral 31
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 1127
Mean 19.56
RMS 15.5
Underflow 0
Overflow 28
Integral 1099
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 1127
Mean 115.6
RMS 3.477
Underflow 0
Overflow 1
Integral 1126
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 951
Mean 10.23
RMS 11.77
Underflow 0
Overflow 1
Integral 950
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 951
Mean 117.9
RMS 3.924
Underflow 0
Overflow 1
Integral 950
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 1840
Mean 17.69
RMS 10.26
Underflow 0
Overflow 0
Integral 1840
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 1840
Mean 115.4
RMS 3.442
Underflow 0
Overflow 3
Integral 1837

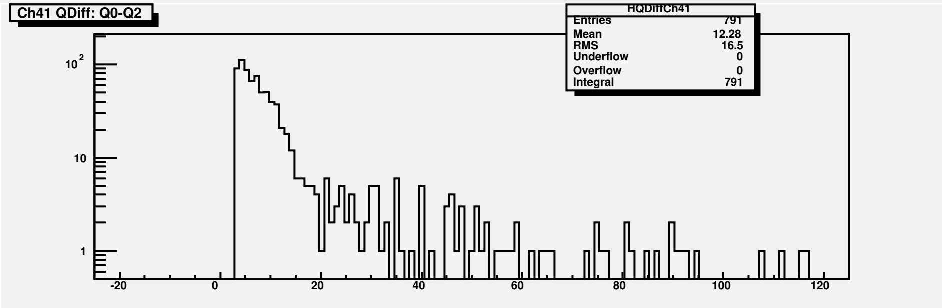


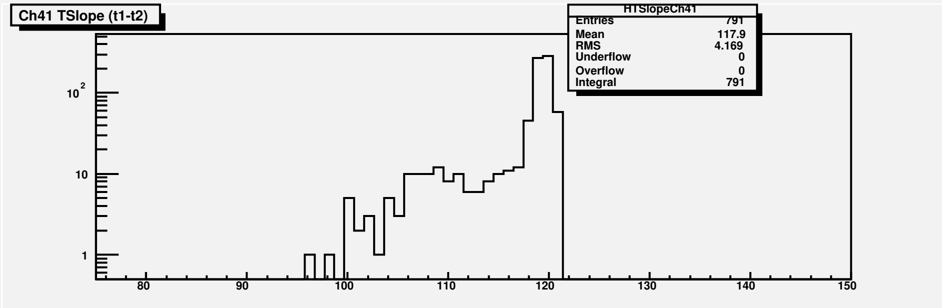
Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 1146
Mean 9.049
RMS 11.25
Underflow 0
Overflow 2
Integral 1144
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 1146
Mean 115.1
RMS 3.906
Underflow 0
Overflow 0
Integral 1146
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 1871
Mean 12.87
RMS 7.716
Underflow 0
Overflow 0
Integral 1871
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 1871
Mean 114.8
RMS 3.535
Underflow 0
Overflow 1
Integral 1870
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 1408
Mean 15.05
RMS 17.1
Underflow 0
Overflow 7
Integral 1401
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 1408
Mean 115.2
RMS 3.587
Underflow 0
Overflow 0
Integral 1408
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 1408
Mean 17.16
RMS 16.39
Underflow 0
Overflow 26
Integral 1382
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 1408
Mean 116.4
RMS 3.507
Underflow 0
Overflow 1
Integral 1407

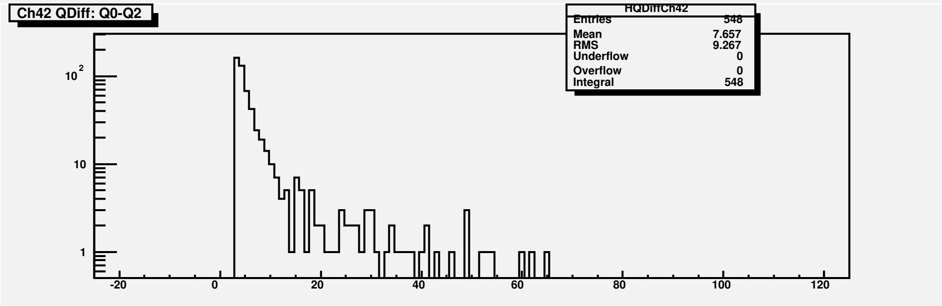

Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 967
Mean 7.158
RMS 8.024
Underflow 0
Overflow 0
Integral 967
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 967
Mean 120.9
RMS 3.977
Underflow 0
Overflow 0
Integral 967
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 1046
Mean 7.874
RMS 8.039
Underflow 0
Overflow 0
Integral 1046
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 1046
Mean 120.1
RMS 3.991
Underflow 0
Overflow 1
Integral 1045
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 541
Mean 8.728
RMS 10.97
Underflow 0
Overflow 0
Integral 541
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 541
Mean 118.9
RMS 4.06
Underflow 0
Overflow 2
Integral 539
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 798
Mean 8.827
RMS 10.46
Underflow 0
Overflow 0
Integral 798
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 798
Mean 119.4
RMS 4.097
Underflow 0
Overflow 2
Integral 796

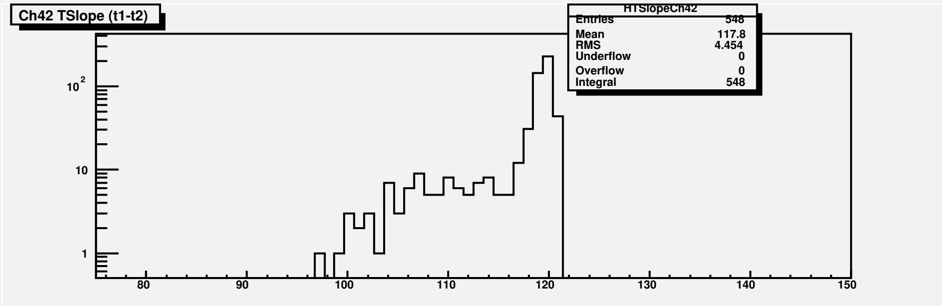


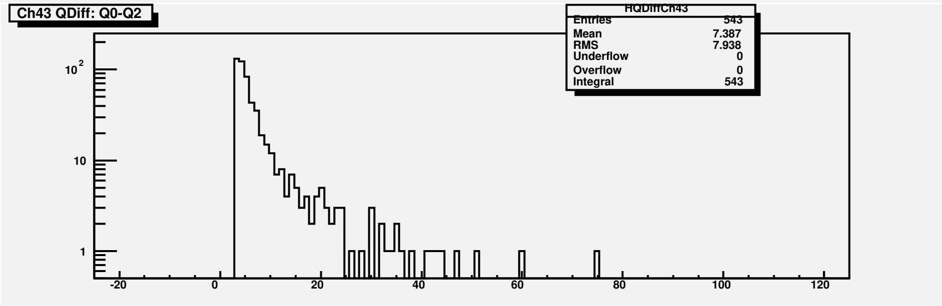
Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 1035
Mean 10.89
RMS 12.82
Underflow 0
Overflow 1
Integral 1034
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 1035
Mean 119.5
RMS 3.976
Underflow 0
Overflow 1
Integral 1034
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 602
Mean 8.274
RMS 10.82
Underflow 0
Overflow 0
Integral 602
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 602
Mean 119.5
RMS 3.963
Underflow 0
Overflow 0
Integral 602
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 700
Mean 21.4
RMS 18.27
Underflow 0
Overflow 27
Integral 673
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 700
Mean 117.3
RMS 4.075
Underflow 0
Overflow 0
Integral 700
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 952
Mean 22.21
RMS 13.3
Underflow 0
Overflow 1
Integral 951
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 952
Mean 120.4
RMS 3.32
Underflow 0
Overflow 1
Integral 951

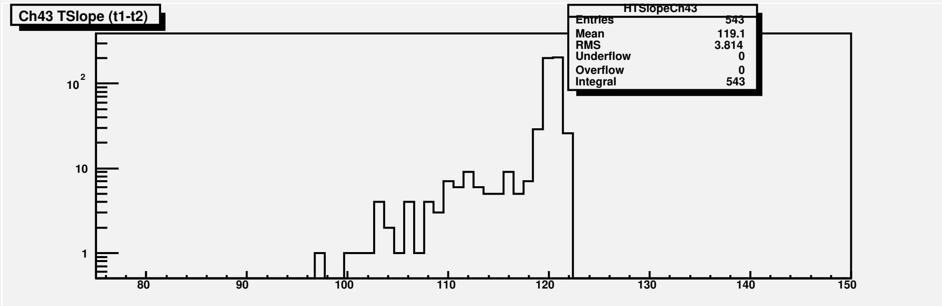

Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 791
Mean 12.28
RMS 16.5
Underflow 0
Overflow 0
Integral 791
10^2
10
1
-20 0 20 40 60 80 100 120

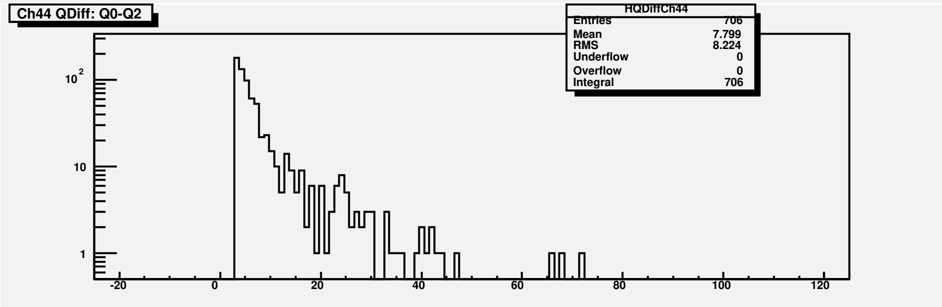

Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 791
Mean 117.9
RMS 4.169
Underflow 0
Overflow 0
Integral 791
10^2
10
1
80 90 100 110 120 130 140 150

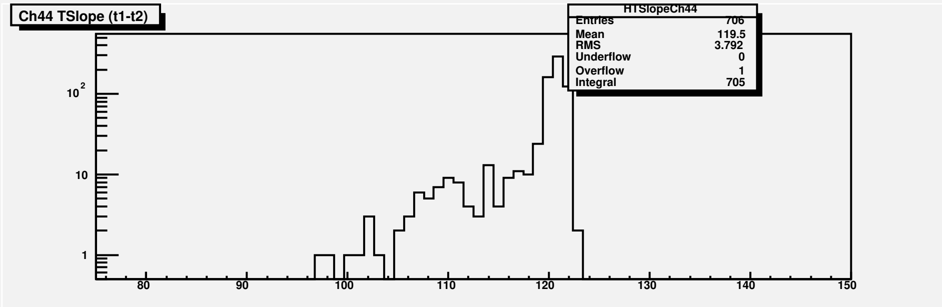

Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 548
Mean 7.657
RMS 9.267
Underflow 0
Overflow 0
Integral 548
10^2
10
1
-20 0 20 40 60 80 100 120


Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 548
Mean 117.8
RMS 4.454
Underflow 0
Overflow 0
Integral 548
10^2
10
1
80 90 100 110 120 130 140 150


Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 543
Mean 7.387
RMS 7.938
Underflow 0
Overflow 0
Integral 543
10^2
10
1
-20 0 20 40 60 80 100 120


Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 543
Mean 119.1
RMS 3.814
Underflow 0
Overflow 0
Integral 543
10^2
10
1
80 90 100 110 120 130 140 150


Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 706
Mean 7.799
RMS 8.224
Underflow 0
Overflow 0
Integral 706
10^2
10
1
-20 0 20 40 60 80 100 120


Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 706
Mean 119.5
RMS 3.792
Underflow 0
Overflow 1
Integral 705
10^2
10
1
80 90 100 110 120 130 140 150