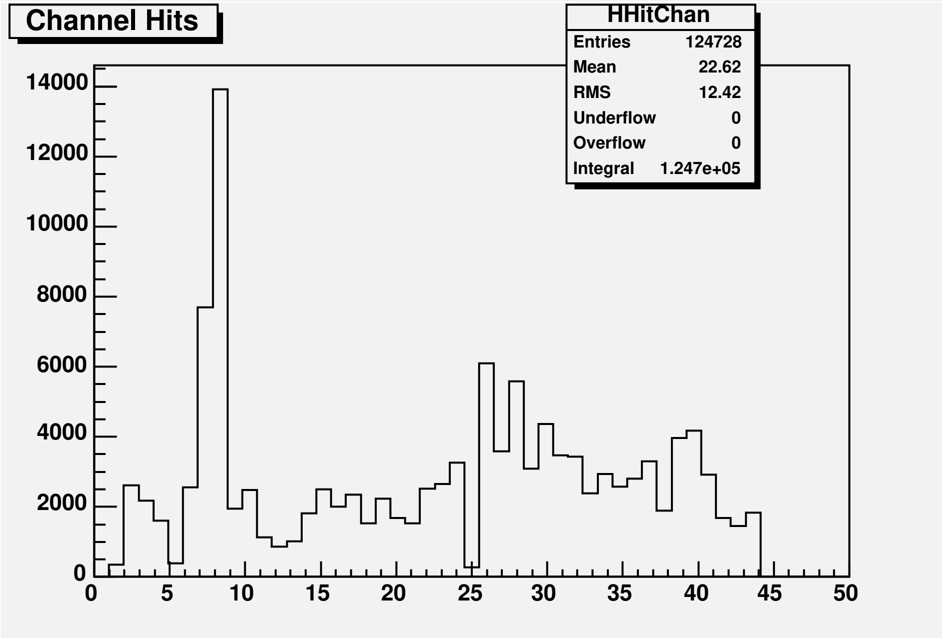
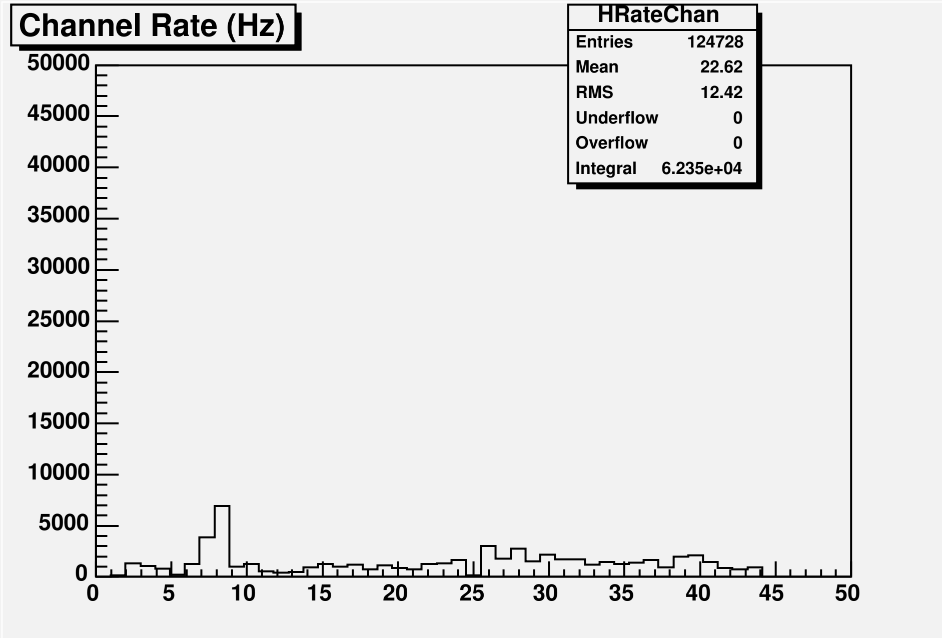
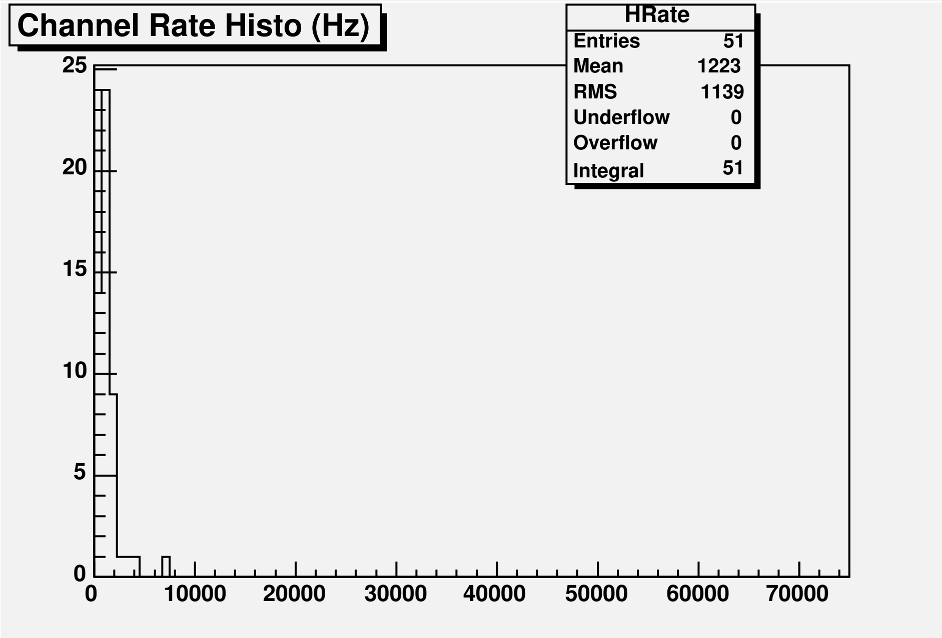
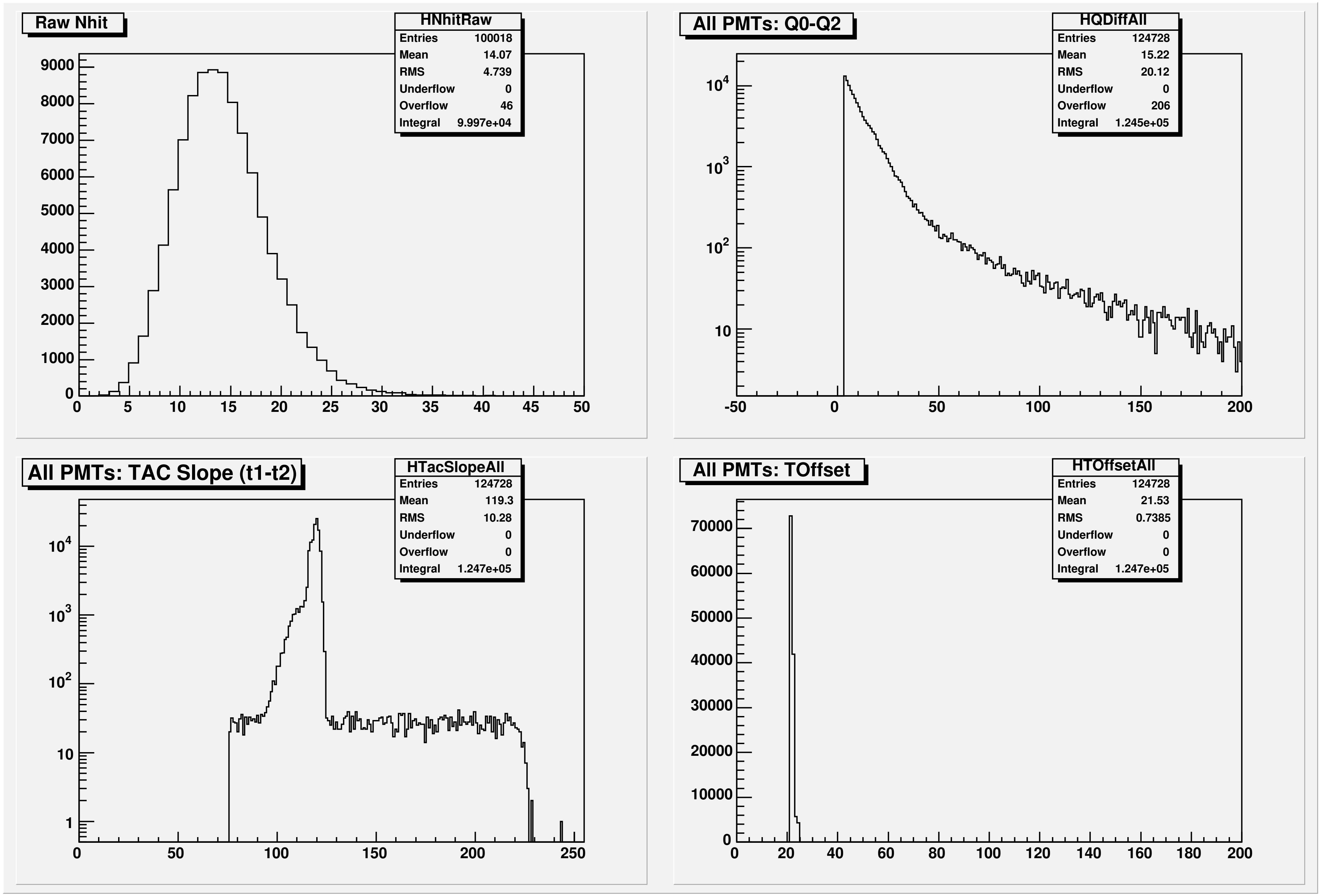
RUN: VlandUnCal Run11471 LEDTCut-QCut

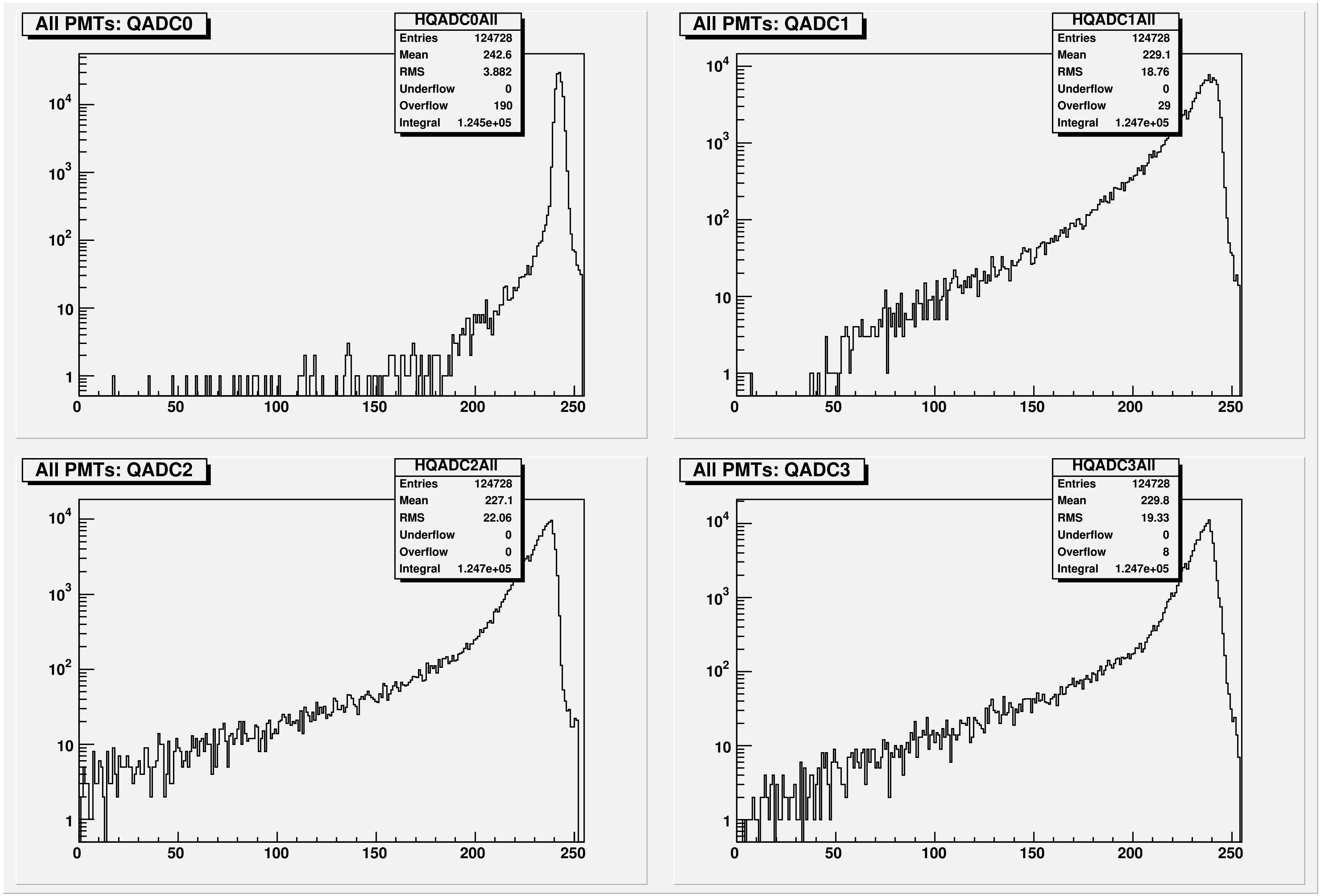

Channel Hits
HHitChan
Entries 124728
Mean 22.62
RMS 12.42
Underflow 0
Overflow 0
Integral 1.247e+05
0 2000 4000 6000 8000 10000 12000 14000
0 5 10 15 20 25 30 35 40 45 50

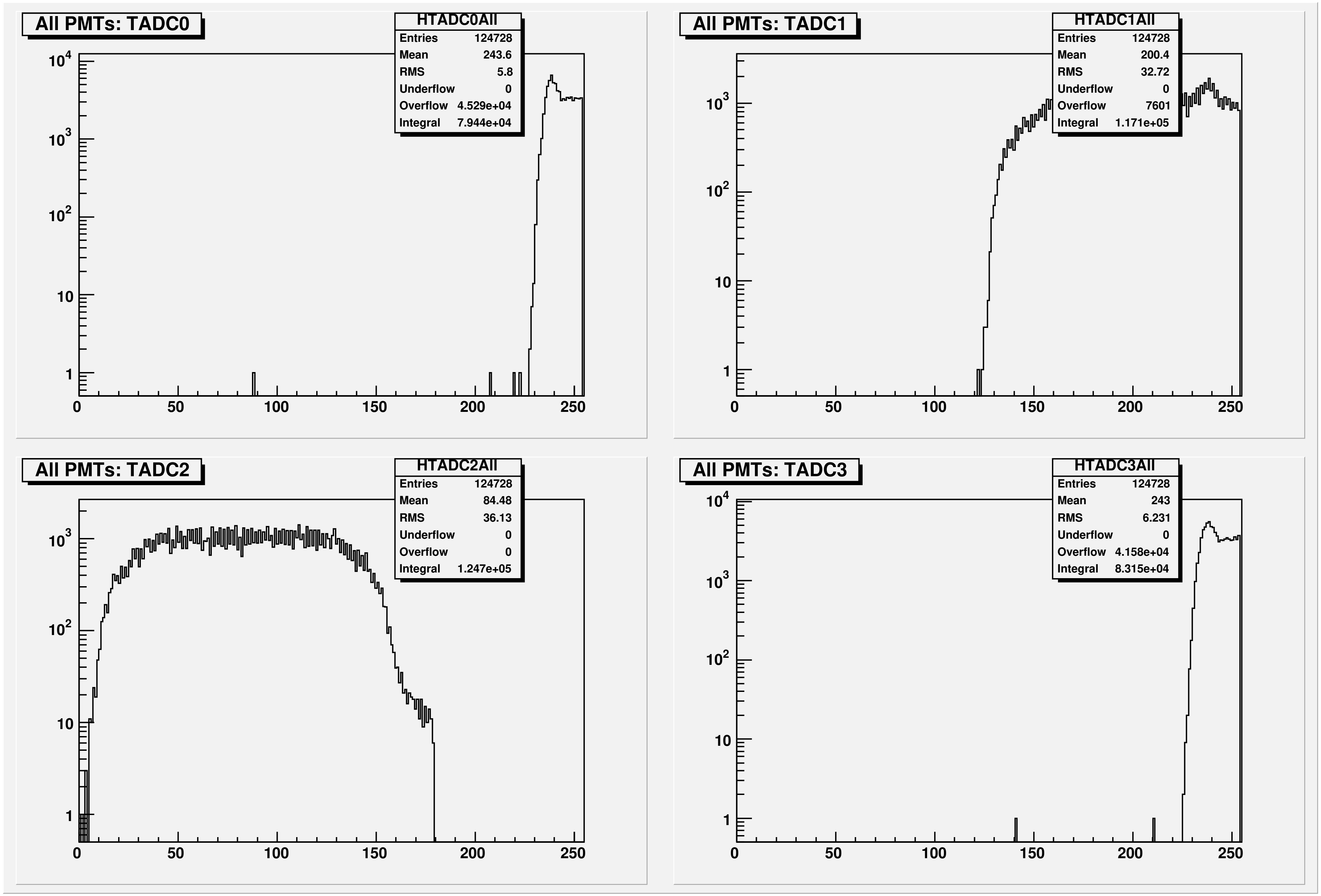

Channel Rate (Hz)
HRateChan
Entries 124728
Mean 22.62
RMS 12.42
Underflow 0
Overflow 0
Integral 6.235e+04
0 5000 10000 15000 20000 25000 30000 35000 40000 45000 50000
0 5 10 15 20 25 30 35 40 45 50


Channel Rate Histo (Hz)
HRate
Entries 51
Mean 1223
RMS 1139
Underflow 0
Overflow 0
Integral 51
0 5 10 15 20 25
0 10000 20000 30000 40000 50000 60000 70000

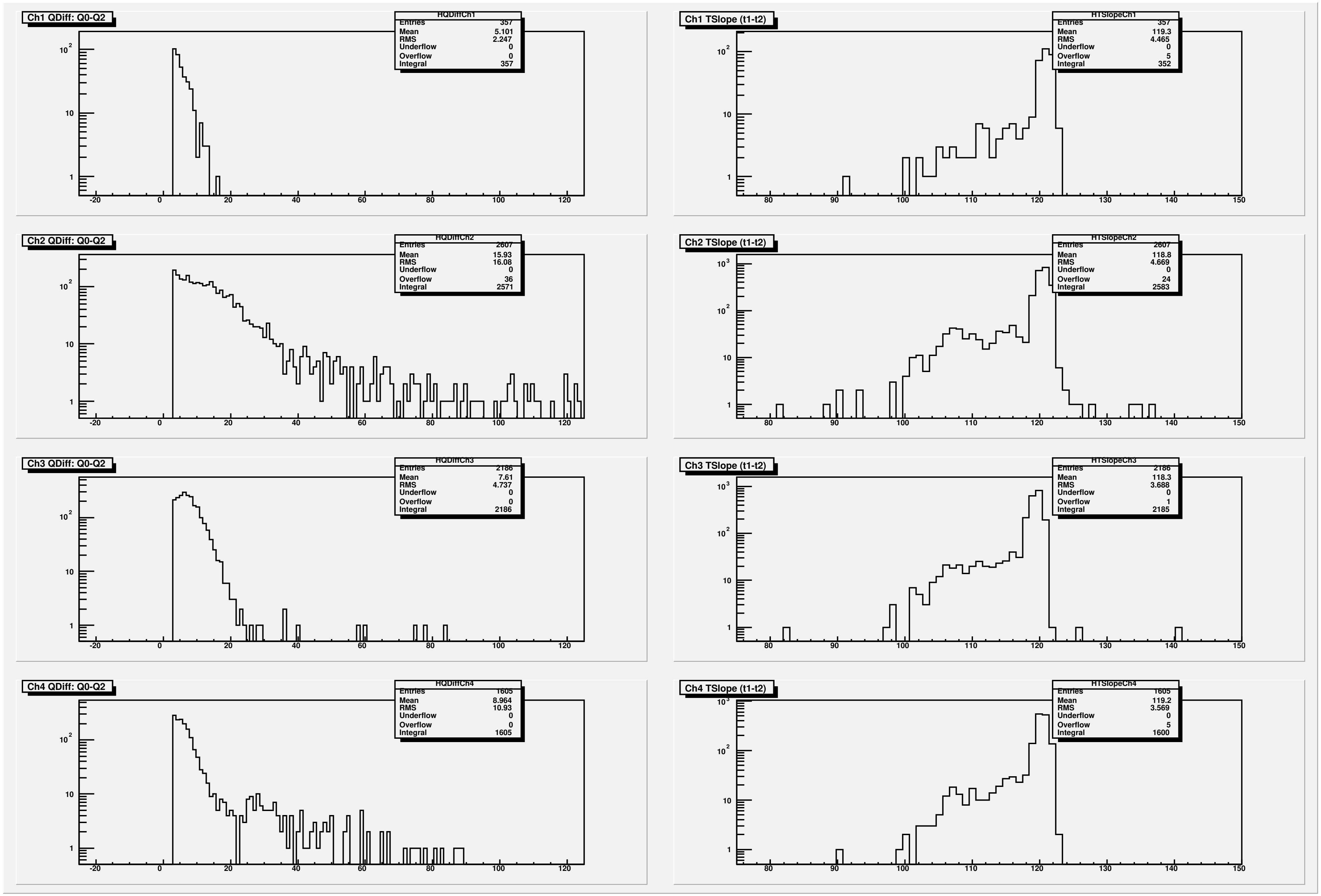


Raw Nhit
HNhitRaw
Entries 100018
Mean 14.07
RMS 4.739
Underflow 0
Overflow 46
Integral 9.997e+04
All PMTs: Q0-Q2
HQDiffAll
Entries 124728
Mean 15.22
RMS 20.12
Underflow 0
Overflow 206
Integral 1.245e+05
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 124728
Mean 119.3
RMS 10.28
Underflow 0
Overflow 0
Integral 1.247e+05
All PMTs: TOffset
HTOffsetAll
Entries 124728
Mean 21.53
RMS 0.7385
Underflow 0
Overflow 0
Integral 1.247e+05

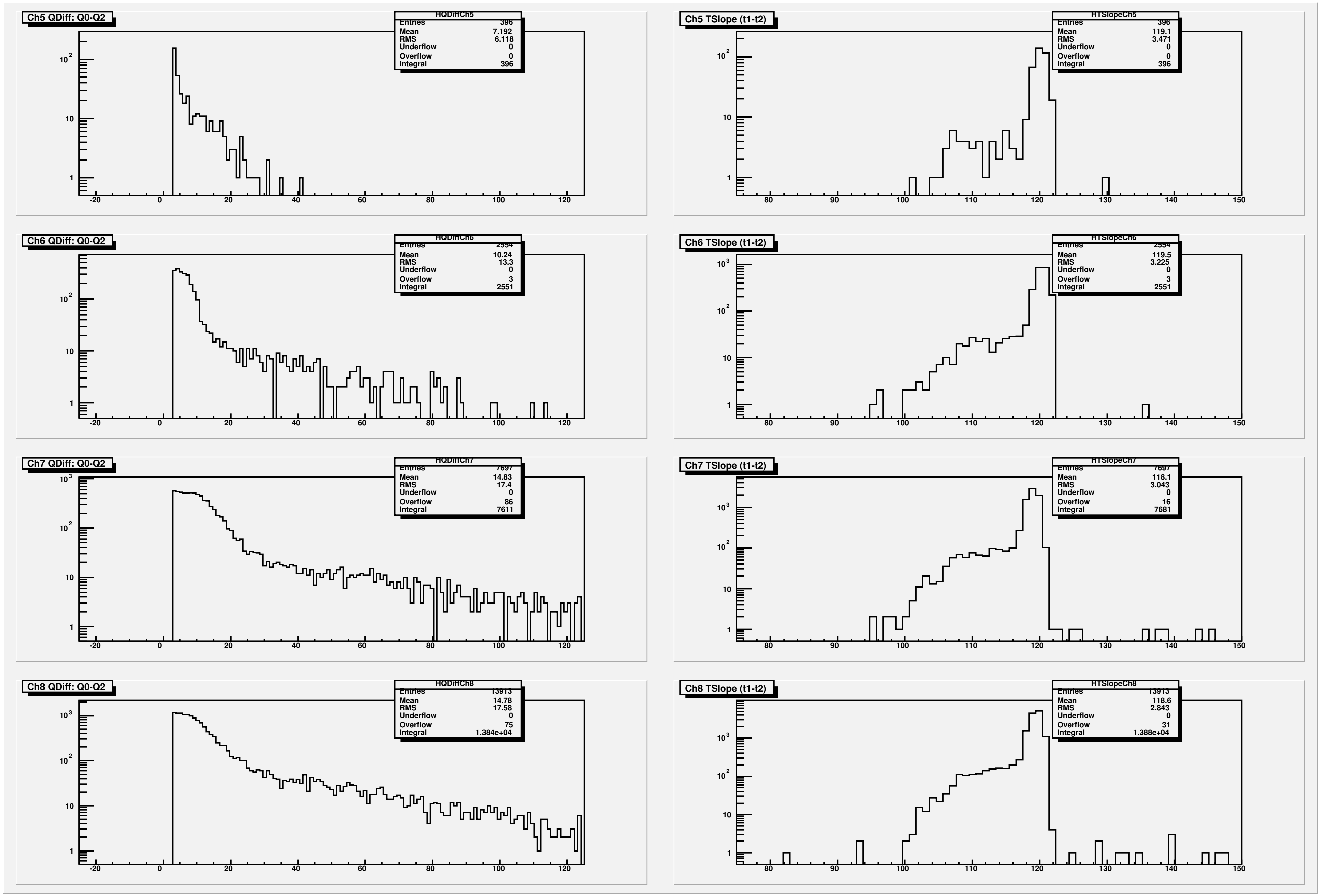

All PMTs: QADC0
HQADC0All
Entries 124728
Mean 242.6
RMS 3.882
Underflow 0
Overflow 190
Integral 1.245e+05
1
10
10^2
10^3
10^4
0
50
100
150
200
250
All PMTs: QADC1
HQADC1All
Entries 124728
Mean 229.1
RMS 18.76
Underflow 0
Overflow 29
Integral 1.247e+05
1
10
10^2
10^3
10^4
0
50
100
150
200
250
All PMTs: QADC2
HQADC2All
Entries 124728
Mean 227.1
RMS 22.06
Underflow 0
Overflow 0
Integral 1.247e+05
1
10
10^2
10^3
10^4
0
50
100
150
200
250
All PMTs: QADC3
HQADC3All
Entries 124728
Mean 229.8
RMS 19.33
Underflow 0
Overflow 8
Integral 1.247e+05
1
10
10^2
10^3
10^4
0
50
100
150
200
250

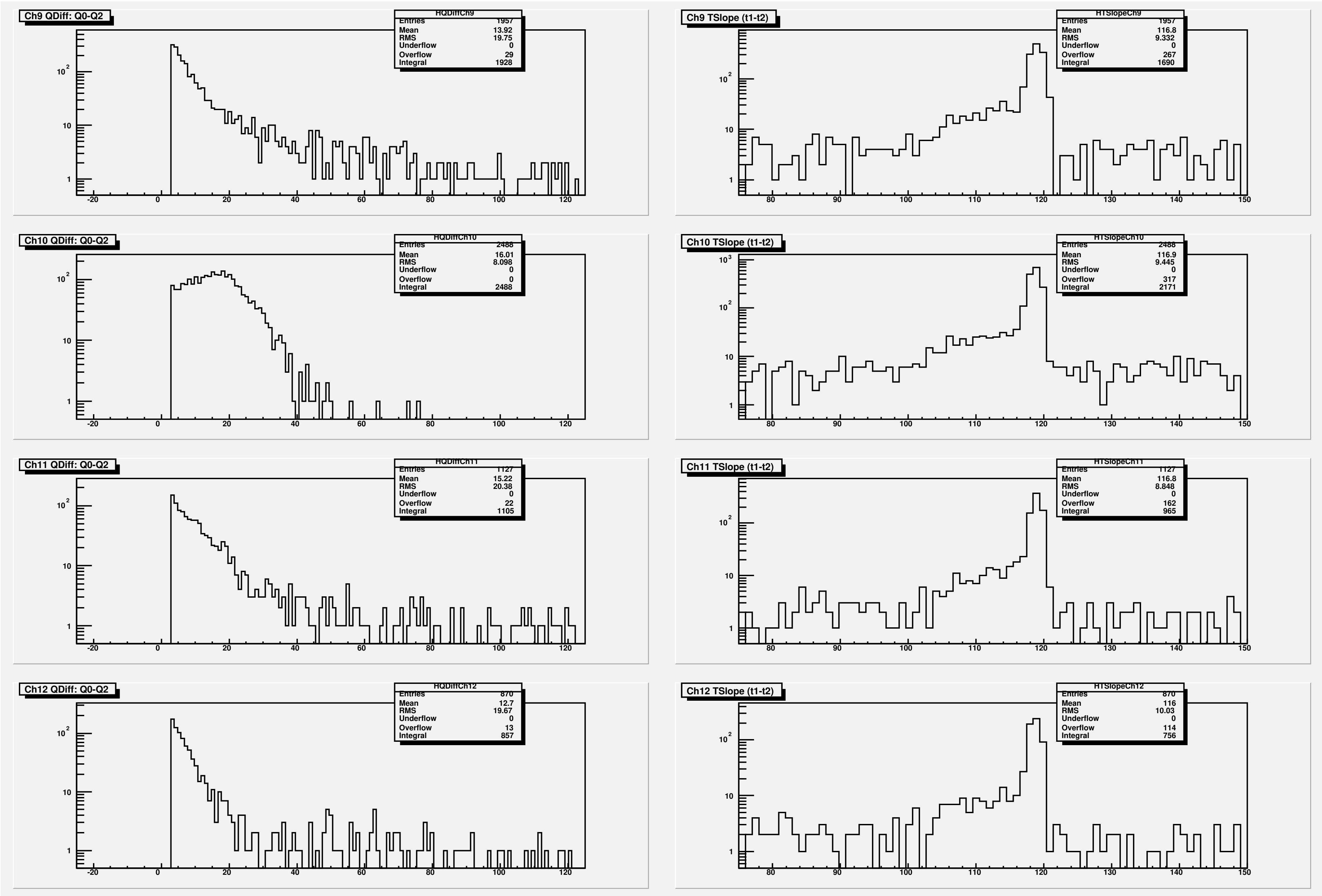


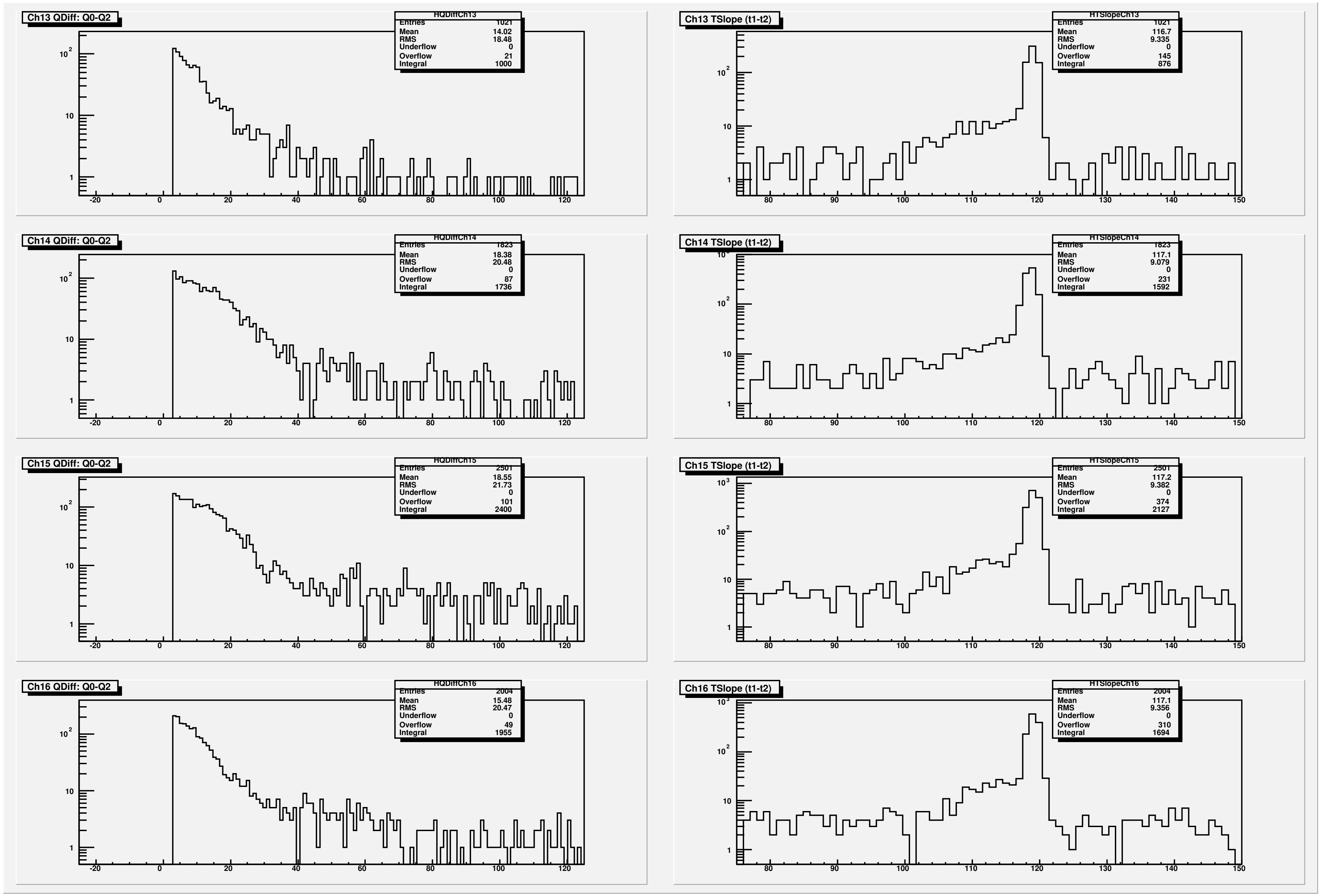
All PMTs: TADC0
HTADC0All
Entries 124728
Mean 243.6
RMS 5.8
Underflow 0
Overflow 4.529e+04
Integral 7.944e+04
All PMTs: TADC1
HTADC1All
Entries 124728
Mean 200.4
RMS 32.72
Underflow 0
Overflow 7601
Integral 1.171e+05
All PMTs: TADC2
HTADC2All
Entries 124728
Mean 84.48
RMS 36.13
Underflow 0
Overflow 0
Integral 1.247e+05
All PMTs: TADC3
HTADC3All
Entries 124728
Mean 243
RMS 6.231
Underflow 0
Overflow 4.158e+04
Integral 8.315e+04

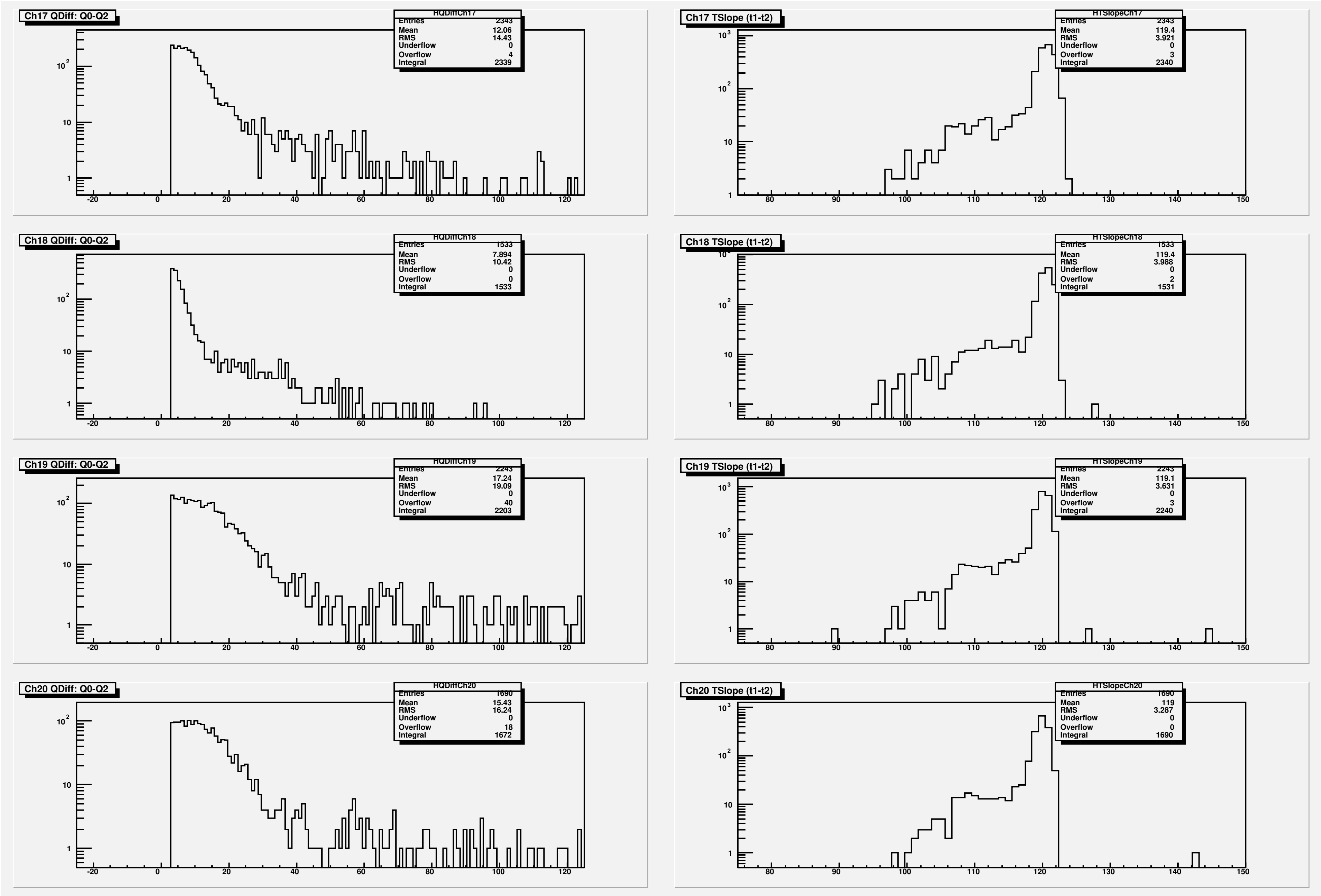


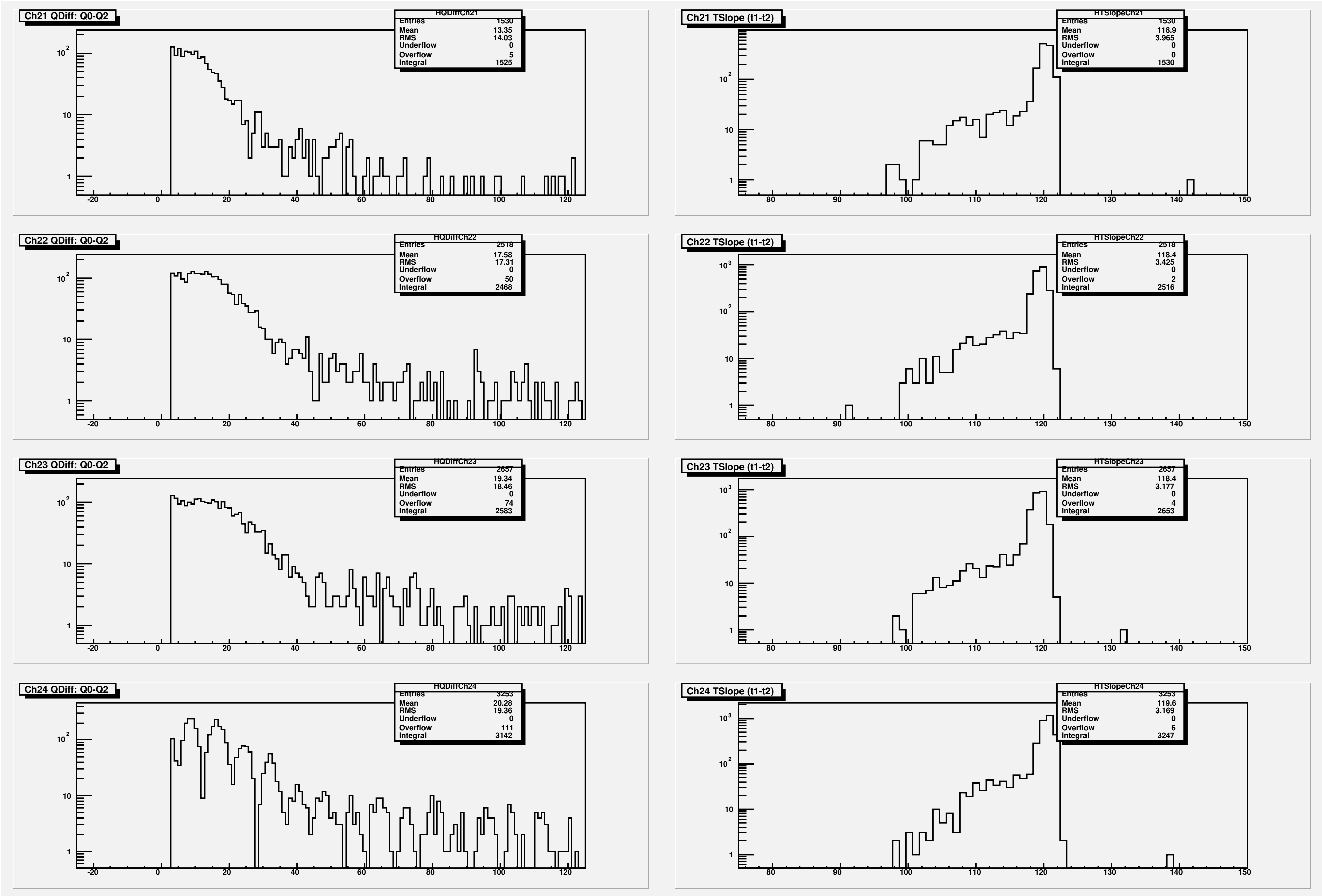
Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 357
Mean 5.101
RMS 2.247
Underflow 0
Overflow 0
Integral 357
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 357
Mean 119.3
RMS 4.465
Underflow 0
Overflow 5
Integral 352
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 2607
Mean 15.93
RMS 16.08
Underflow 0
Overflow 36
Integral 2571
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 2607
Mean 118.8
RMS 4.669
Underflow 0
Overflow 24
Integral 2583
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 2186
Mean 7.61
RMS 4.737
Underflow 0
Overflow 0
Integral 2186
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 2186
Mean 118.3
RMS 3.688
Underflow 0
Overflow 1
Integral 2185
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 1605
Mean 8.964
RMS 10.93
Underflow 0
Overflow 0
Integral 1605
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 1605
Mean 119.2
RMS 3.569
Underflow 0
Overflow 5
Integral 1600

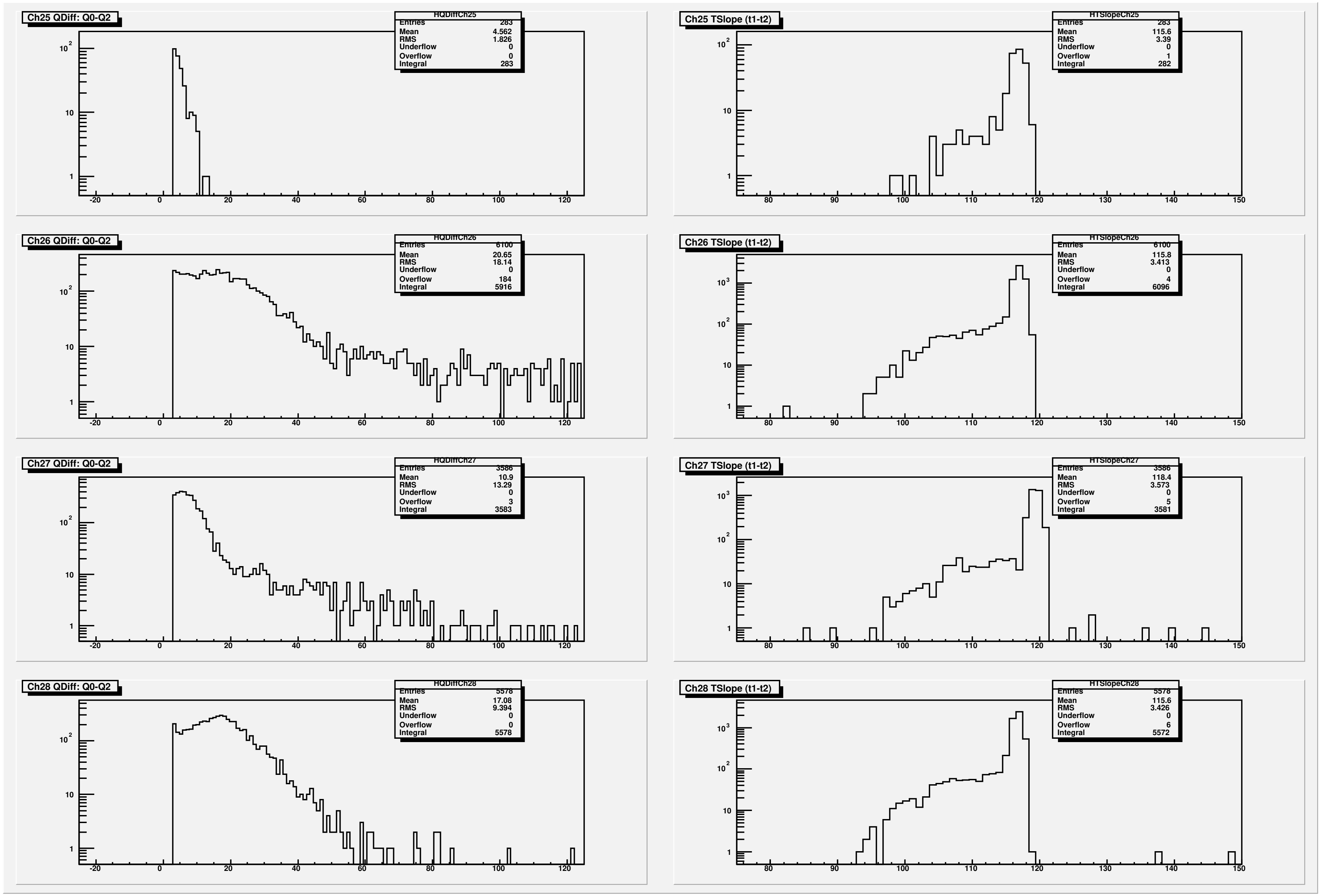

Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 396
Mean 7.192
RMS 6.118
Underflow 0
Overflow 0
Integral 396
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 396
Mean 119.1
RMS 3.471
Underflow 0
Overflow 0
Integral 396
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 2554
Mean 10.24
RMS 13.3
Underflow 0
Overflow 3
Integral 2551
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 2554
Mean 119.5
RMS 3.225
Underflow 0
Overflow 3
Integral 2551
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 7697
Mean 14.83
RMS 17.4
Underflow 0
Overflow 86
Integral 7611
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 7697
Mean 118.1
RMS 3.043
Underflow 0
Overflow 16
Integral 7681
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 13913
Mean 14.78
RMS 17.58
Underflow 0
Overflow 75
Integral 1.384e+04
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 13913
Mean 118.6
RMS 2.843
Underflow 0
Overflow 31
Integral 1.388e+04

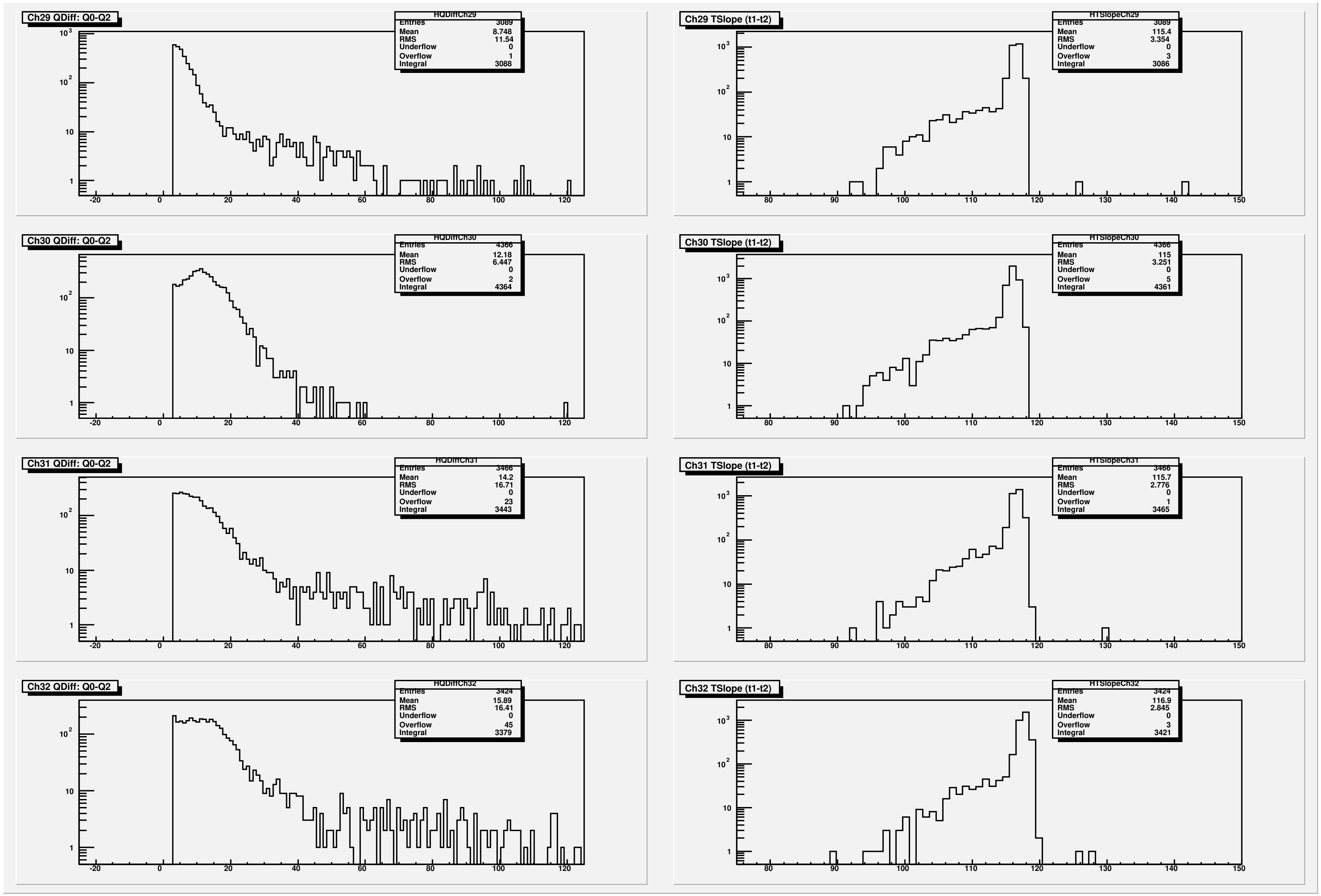

Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 1957
Mean 13.92
RMS 19.75
Underflow 0
Overflow 29
Integral 1928
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 1957
Mean 116.8
RMS 9.332
Underflow 0
Overflow 267
Integral 1690
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 2488
Mean 16.01
RMS 8.098
Underflow 0
Overflow 0
Integral 2488
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 2488
Mean 116.9
RMS 9.445
Underflow 0
Overflow 317
Integral 2171
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 1127
Mean 15.22
RMS 20.38
Underflow 0
Overflow 22
Integral 1105
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 1127
Mean 116.8
RMS 8.848
Underflow 0
Overflow 162
Integral 965
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 870
Mean 12.7
RMS 19.67
Underflow 0
Overflow 13
Integral 857
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 870
Mean 116
RMS 10.03
Underflow 0
Overflow 114
Integral 756

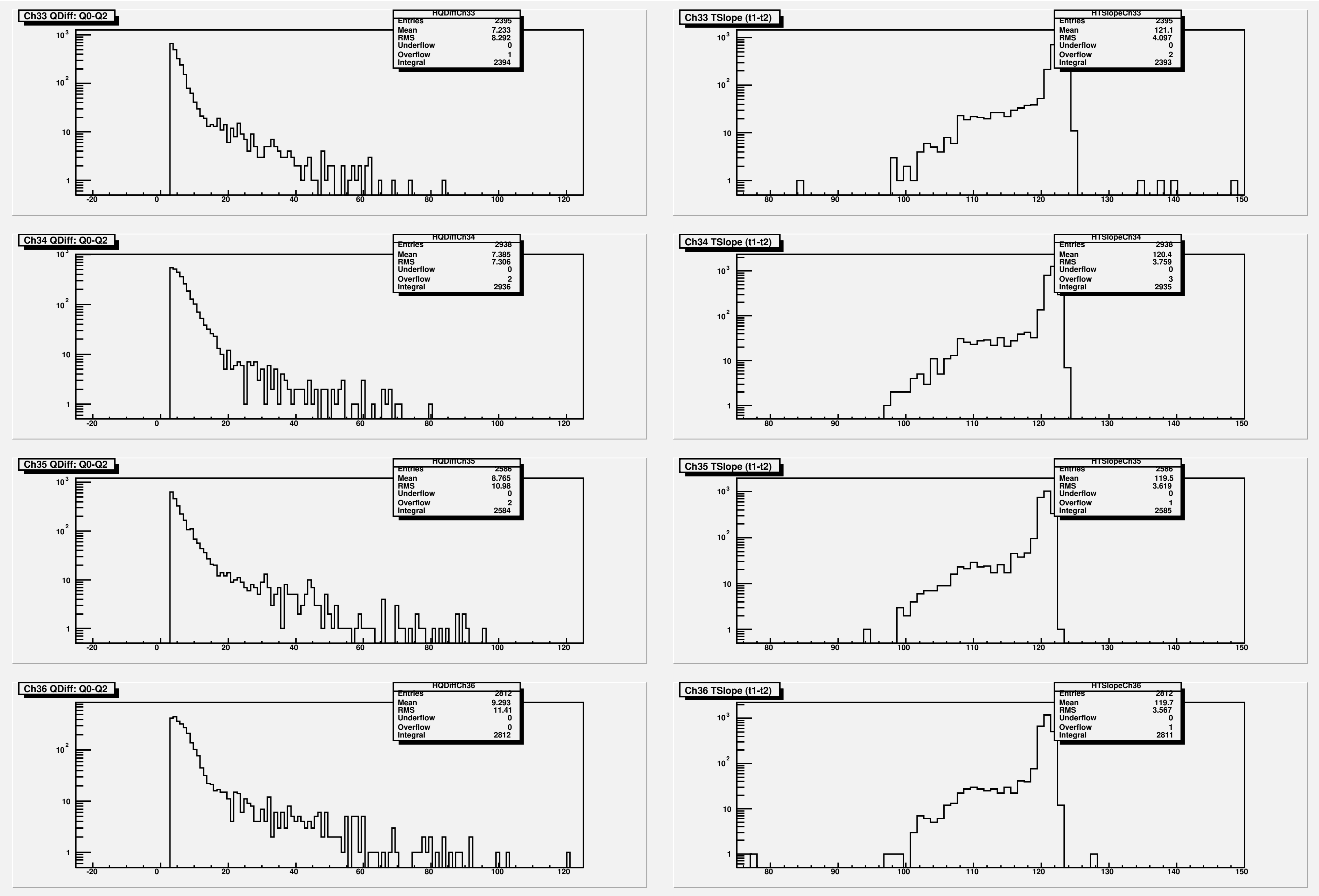

Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 1021
Mean 14.02
RMS 18.48
Underflow 0
Overflow 21
Integral 1000
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 1021
Mean 116.7
RMS 9.335
Underflow 0
Overflow 145
Integral 876
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 1823
Mean 18.38
RMS 20.48
Underflow 0
Overflow 87
Integral 1736
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 1823
Mean 117.1
RMS 9.079
Underflow 0
Overflow 231
Integral 1592
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 2501
Mean 18.55
RMS 21.73
Underflow 0
Overflow 101
Integral 2400
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 2501
Mean 117.2
RMS 9.382
Underflow 0
Overflow 374
Integral 2127
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 2004
Mean 15.48
RMS 20.47
Underflow 0
Overflow 49
Integral 1955
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 2004
Mean 117.1
RMS 9.356
Underflow 0
Overflow 310
Integral 1694

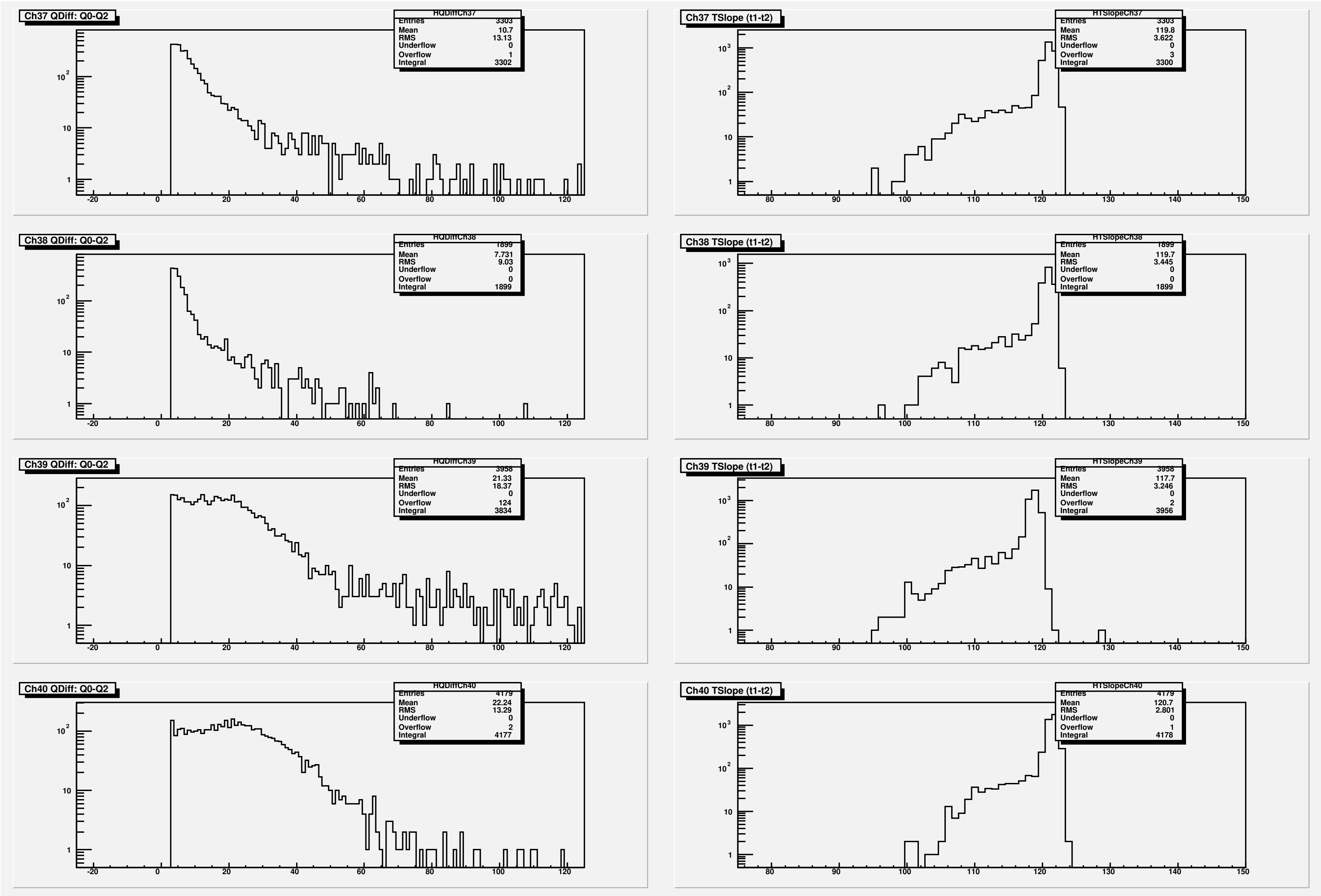

Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 2343
Mean 12.06
RMS 14.43
Underflow 0
Overflow 4
Integral 2339
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 2343
Mean 119.4
RMS 3.921
Underflow 0
Overflow 3
Integral 2340
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 1533
Mean 7.894
RMS 10.42
Underflow 0
Overflow 0
Integral 1533
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 1533
Mean 119.4
RMS 3.988
Underflow 0
Overflow 2
Integral 1531
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 2243
Mean 17.24
RMS 19.09
Underflow 0
Overflow 40
Integral 2203
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 2243
Mean 119.1
RMS 3.631
Underflow 0
Overflow 3
Integral 2240
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 1690
Mean 15.43
RMS 16.24
Underflow 0
Overflow 18
Integral 1672
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 1690
Mean 119
RMS 3.287
Underflow 0
Overflow 0
Integral 1690

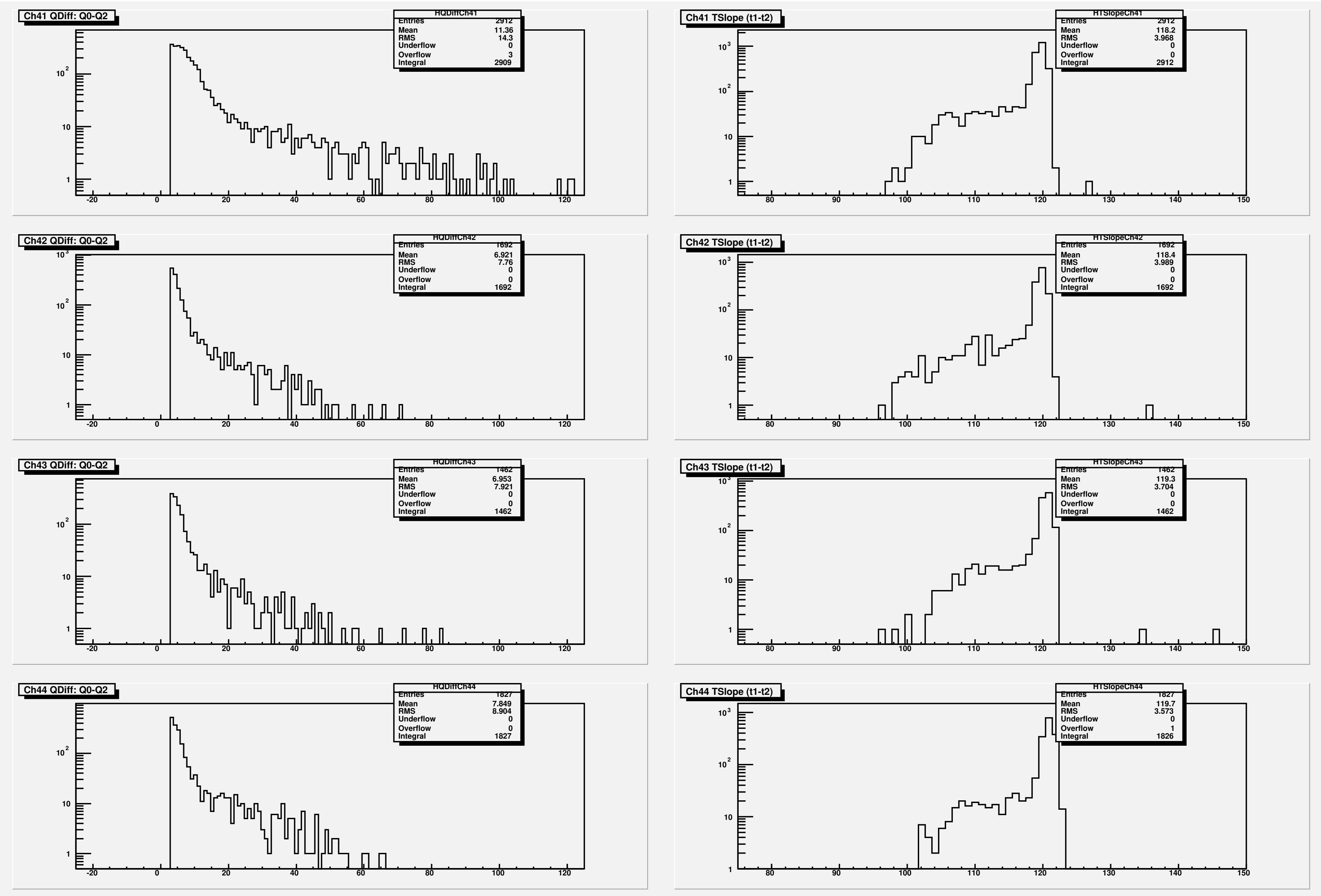

Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 1530
Mean 13.35
RMS 14.03
Underflow 0
Overflow 5
Integral 1525
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 1530
Mean 118.9
RMS 3.965
Underflow 0
Overflow 0
Integral 1530
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 2518
Mean 17.58
RMS 17.31
Underflow 0
Overflow 50
Integral 2468
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 2518
Mean 118.4
RMS 3.425
Underflow 0
Overflow 2
Integral 2516
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 2657
Mean 19.34
RMS 18.46
Underflow 0
Overflow 74
Integral 2583
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 2657
Mean 118.4
RMS 3.177
Underflow 0
Overflow 4
Integral 2653
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 3253
Mean 20.28
RMS 19.36
Underflow 0
Overflow 111
Integral 3142
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 3253
Mean 119.6
RMS 3.169
Underflow 0
Overflow 6
Integral 3247


Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 283
Mean 4.562
RMS 1.826
Underflow 0
Overflow 0
Integral 283
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 283
Mean 115.6
RMS 3.39
Underflow 0
Overflow 1
Integral 282
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 6100
Mean 20.65
RMS 18.14
Underflow 0
Overflow 184
Integral 5916
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 6100
Mean 115.8
RMS 3.413
Underflow 0
Overflow 4
Integral 6096
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 3586
Mean 10.9
RMS 13.29
Underflow 0
Overflow 3
Integral 3583
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 3586
Mean 118.4
RMS 3.573
Underflow 0
Overflow 5
Integral 3581
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 5578
Mean 17.08
RMS 9.394
Underflow 0
Overflow 0
Integral 5578
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 5578
Mean 115.6
RMS 3.426
Underflow 0
Overflow 6
Integral 5572


Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 3089
Mean 8.748
RMS 11.54
Underflow 0
Overflow 1
Integral 3088
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 3089
Mean 115.4
RMS 3.354
Underflow 0
Overflow 3
Integral 3086
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 4366
Mean 12.18
RMS 6.447
Underflow 0
Overflow 2
Integral 4364
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 4366
Mean 115
RMS 3.251
Underflow 0
Overflow 5
Integral 4361
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 3466
Mean 14.2
RMS 16.71
Underflow 0
Overflow 23
Integral 3443
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 3466
Mean 115.7
RMS 2.776
Underflow 0
Overflow 1
Integral 3465
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 3424
Mean 15.89
RMS 16.41
Underflow 0
Overflow 45
Integral 3379
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 3424
Mean 116.9
RMS 2.845
Underflow 0
Overflow 3
Integral 3421


Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 2395
Mean 7.233
RMS 8.292
Underflow 0
Overflow 1
Integral 2394
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 2395
Mean 121.1
RMS 4.097
Underflow 0
Overflow 2
Integral 2393
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 2938
Mean 7.385
RMS 7.306
Underflow 0
Overflow 2
Integral 2936
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 2938
Mean 120.4
RMS 3.759
Underflow 0
Overflow 3
Integral 2935
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 2586
Mean 8.765
RMS 10.98
Underflow 0
Overflow 2
Integral 2584
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 2586
Mean 119.5
RMS 3.619
Underflow 0
Overflow 1
Integral 2585
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 2812
Mean 9.293
RMS 11.41
Underflow 0
Overflow 0
Integral 2812
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 2812
Mean 119.7
RMS 3.567
Underflow 0
Overflow 1
Integral 2811
1
10
10^2
10^3
-20 0 20 40 60 80 100 120
80 90 100 110 120 130 140 150


Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 3303
Mean 10.7
RMS 13.13
Underflow 0
Overflow 1
Integral 3302
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 3303
Mean 119.8
RMS 3.622
Underflow 0
Overflow 3
Integral 3300
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 1899
Mean 7.731
RMS 9.03
Underflow 0
Overflow 0
Integral 1899
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 1899
Mean 119.7
RMS 3.445
Underflow 0
Overflow 0
Integral 1899
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 3958
Mean 21.33
RMS 18.37
Underflow 0
Overflow 124
Integral 3834
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 3958
Mean 117.7
RMS 3.246
Underflow 0
Overflow 2
Integral 3956
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 4179
Mean 22.24
RMS 13.29
Underflow 0
Overflow 2
Integral 4177
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 4179
Mean 120.7
RMS 2.801
Underflow 0
Overflow 1
Integral 4178


Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 2912
Mean 11.36
RMS 14.3
Underflow 0
Overflow 3
Integral 2909
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 2912
Mean 118.2
RMS 3.968
Underflow 0
Overflow 0
Integral 2912
Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 1692
Mean 6.921
RMS 7.76
Underflow 0
Overflow 0
Integral 1692
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 1692
Mean 118.4
RMS 3.989
Underflow 0
Overflow 0
Integral 1692
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 1462
Mean 6.953
RMS 7.921
Underflow 0
Overflow 0
Integral 1462
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 1462
Mean 119.3
RMS 3.704
Underflow 0
Overflow 0
Integral 1462
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 1827
Mean 7.849
RMS 8.904
Underflow 0
Overflow 0
Integral 1827
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 1827
Mean 119.7
RMS 3.573
Underflow 0
Overflow 1
Integral 1826