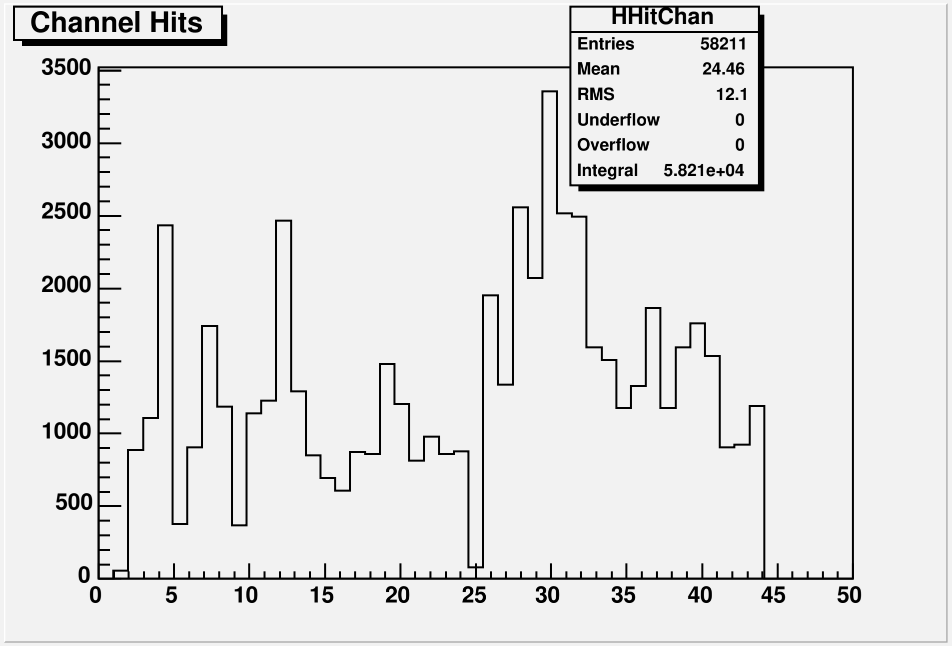
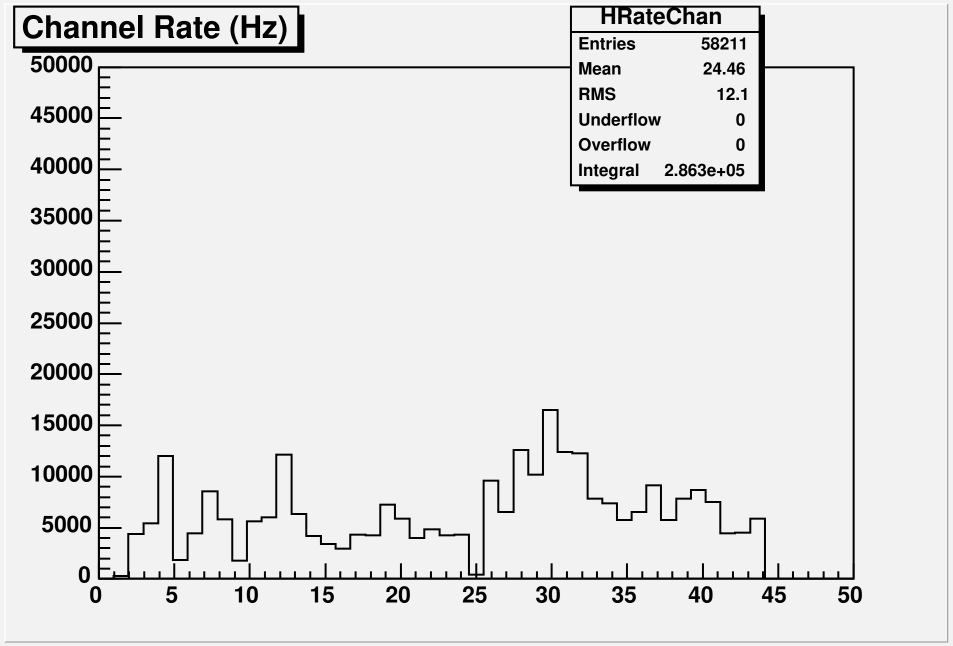
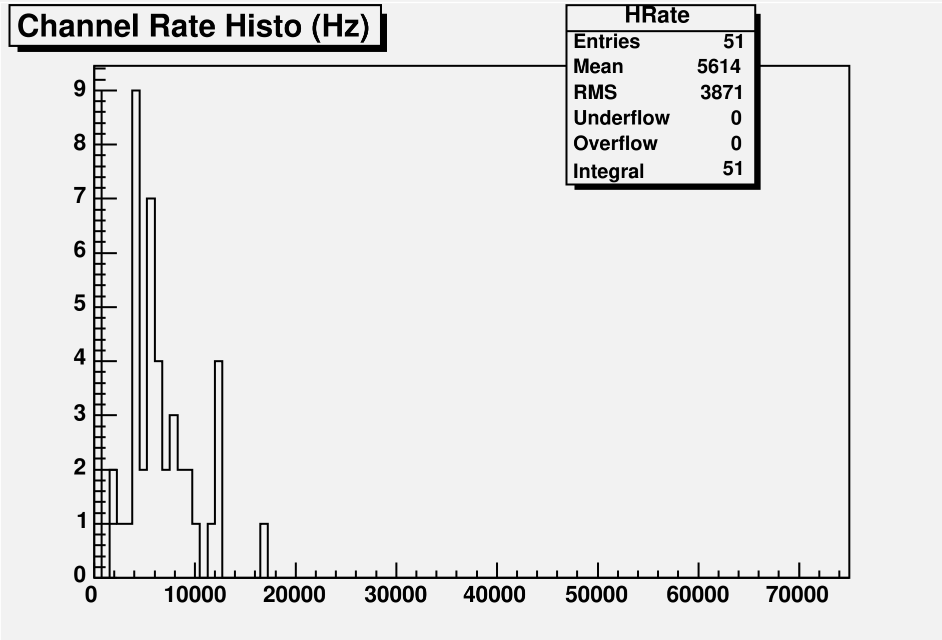
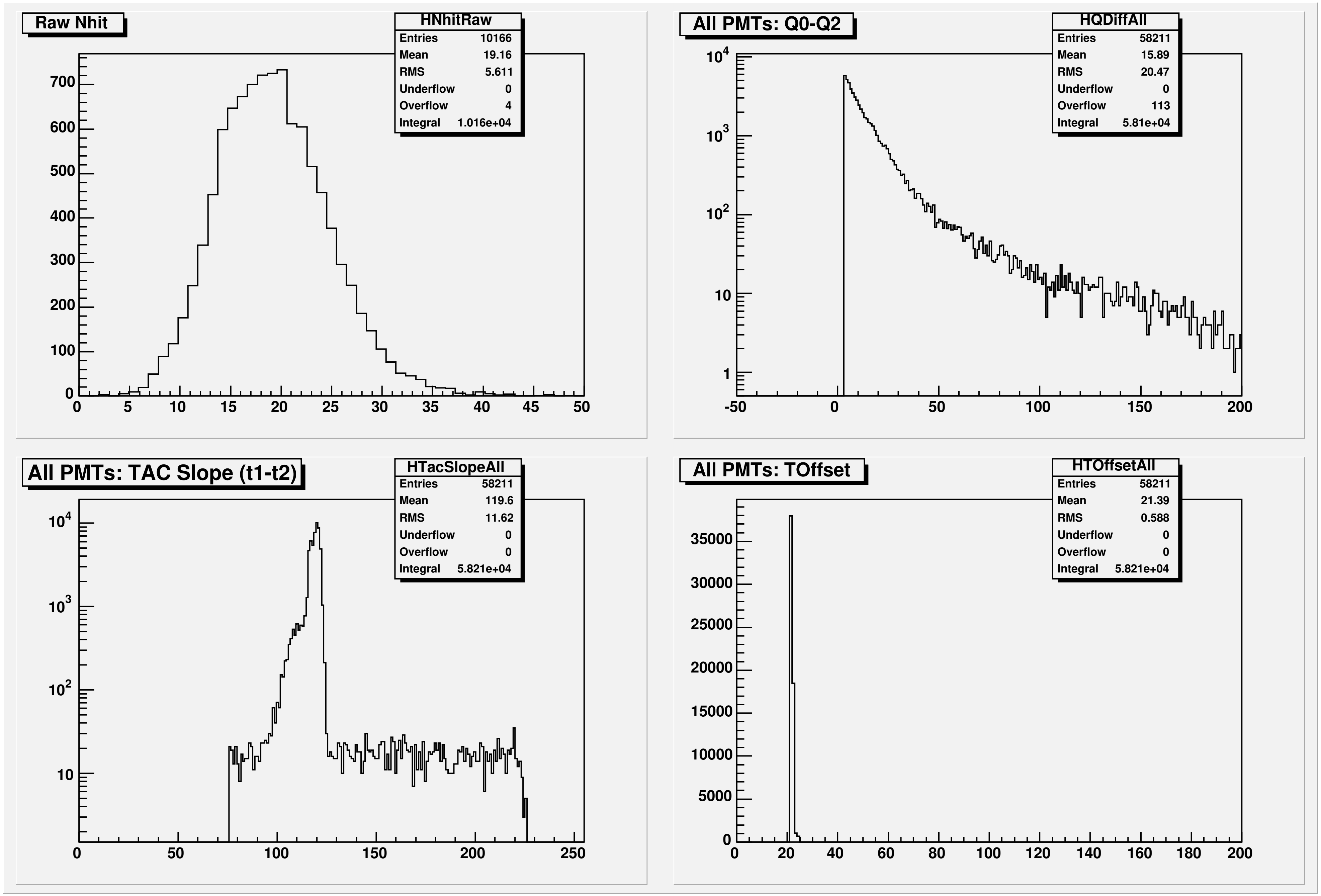
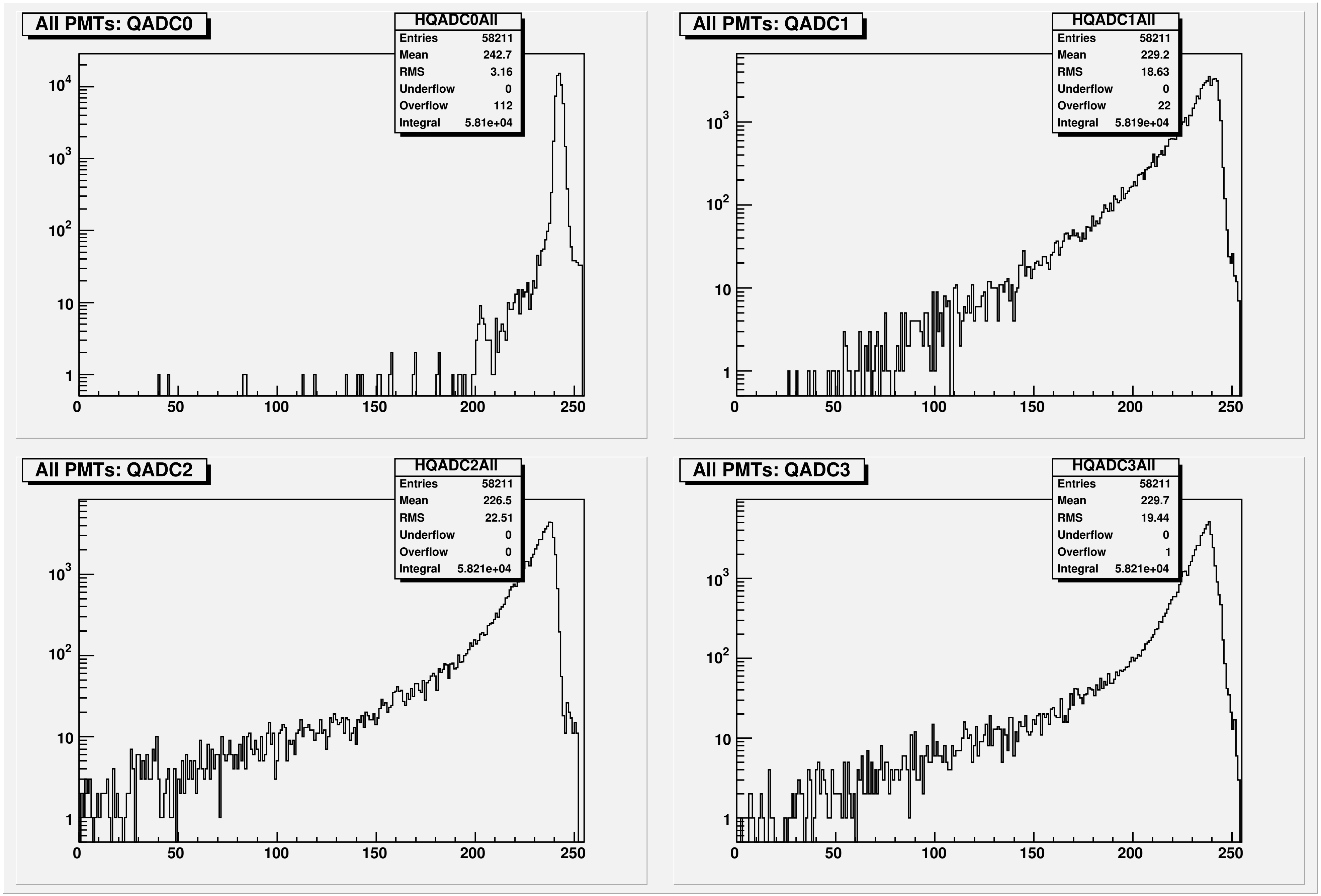
RUN: VlandUnCal Run11474 LEDTCut-QCut

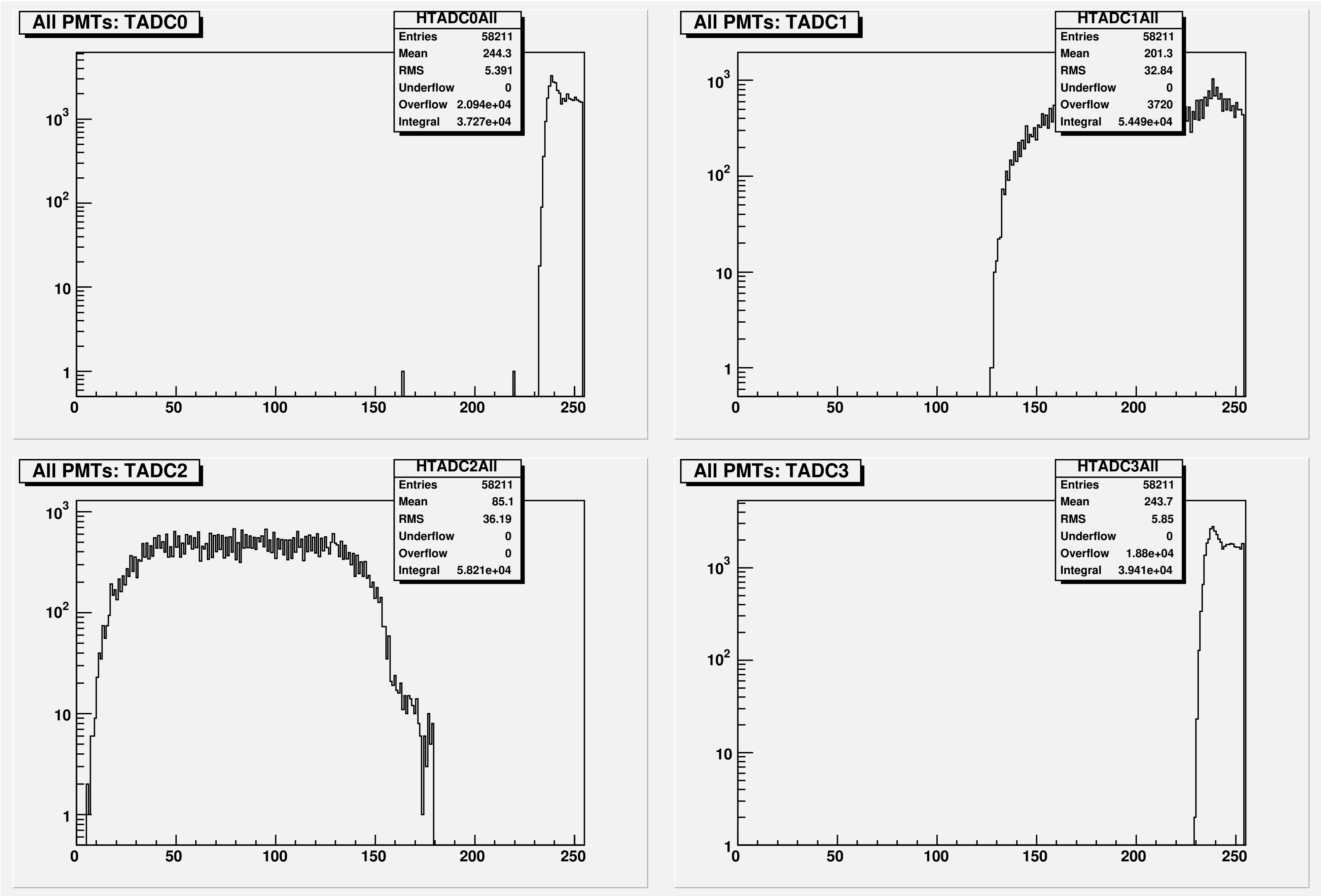

Channel Hits
HHitChan
Entries 58211
Mean 24.46
RMS 12.1
Underflow 0
Overflow 0
Integral 5.821e+04

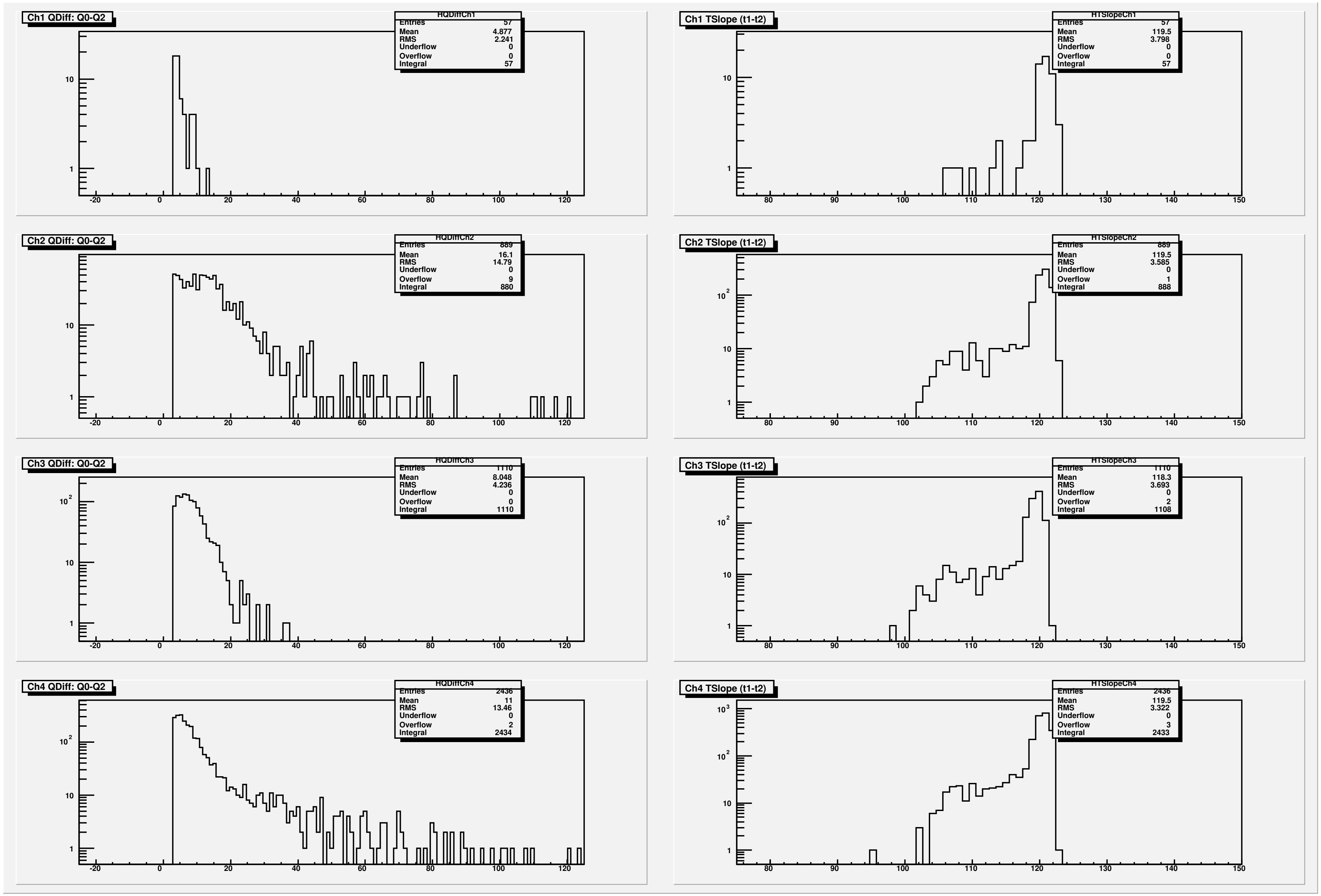

Channel Rate (Hz)
HRateChan
Entries 58211
Mean 24.46
RMS 12.1
Underflow 0
Overflow 0
Integral 2.863e+05


Channel Rate Histo (Hz)
HRate
Entries 51
Mean 5614
RMS 3871
Underflow 0
Overflow 0
Integral 51

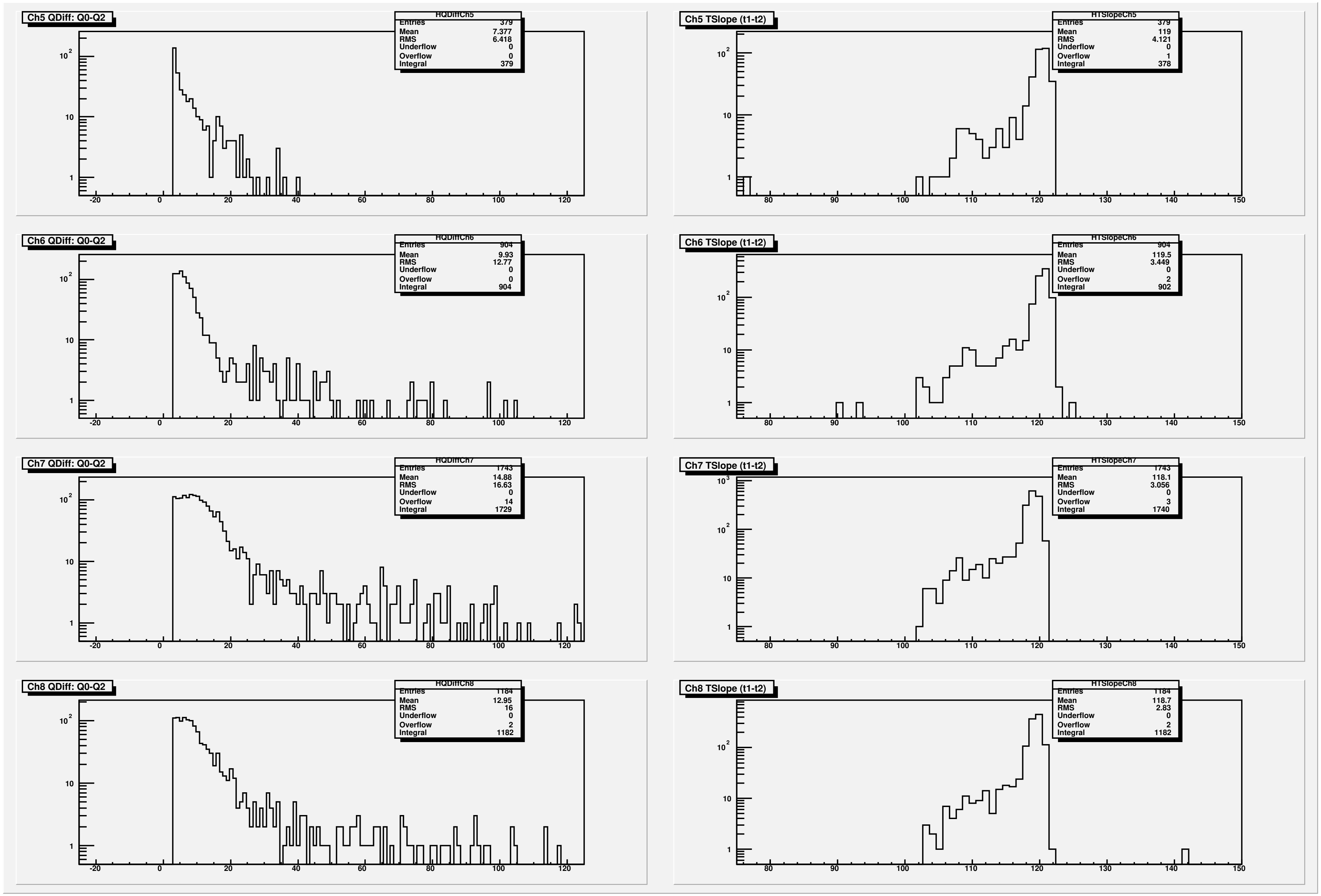

Raw Nhit
HNhitRaw
Entries 10166
Mean 19.16
RMS 5.611
Underflow 0
Overflow 4
Integral 1.016e+04
0 100 200 300 400 500 600 700
0 5 10 15 20 25 30 35 40 45 50
All PMTs: Q0-Q2
HQDiffAll
Entries 58211
Mean 15.89
RMS 20.47
Underflow 0
Overflow 113
Integral 5.81e+04
1 10 10^2 10^3 10^4
-50 0 50 100 150 200
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 58211
Mean 119.6
RMS 11.62
Underflow 0
Overflow 0
Integral 5.821e+04
10 10^2 10^3 10^4
0 50 100 150 200 250
All PMTs: TOffset
HTOffsetAll
Entries 58211
Mean 21.39
RMS 0.588
Underflow 0
Overflow 0
Integral 5.821e+04
0 5000 10000 15000 20000 25000 30000 35000
0 20 40 60 80 100 120 140 160 180 200


All PMTs: QADC0
HQADC0All
Entries 58211
Mean 242.7
RMS 3.16
Underflow 0
Overflow 112
Integral 5.81e+04
All PMTs: QADC1
HQADC1All
Entries 58211
Mean 229.2
RMS 18.63
Underflow 0
Overflow 22
Integral 5.819e+04
All PMTs: QADC2
HQADC2All
Entries 58211
Mean 226.5
RMS 22.51
Underflow 0
Overflow 0
Integral 5.821e+04
All PMTs: QADC3
HQADC3All
Entries 58211
Mean 229.7
RMS 19.44
Underflow 0
Overflow 1
Integral 5.821e+04

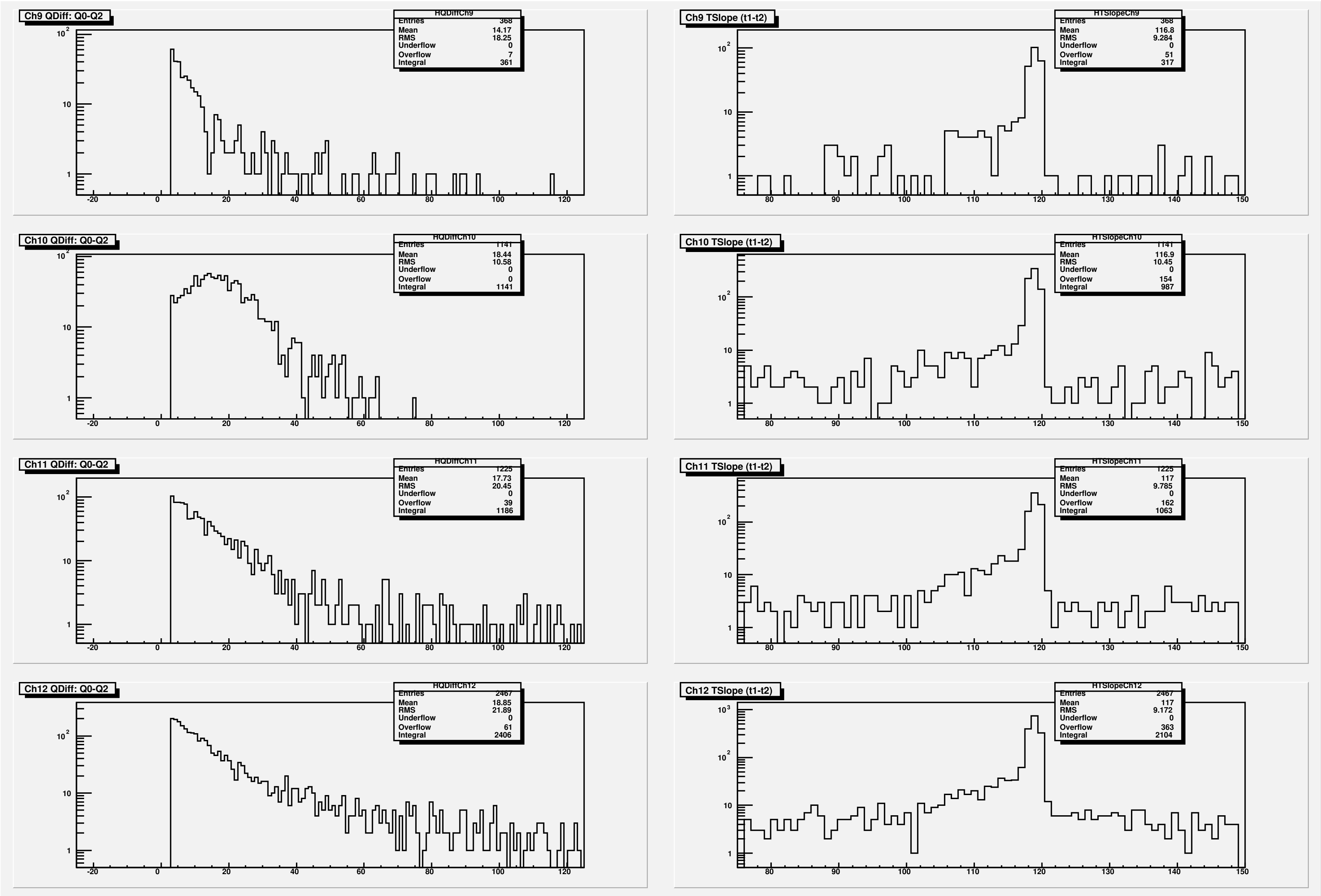

All PMTs: TADC0
HTADC0All
Entries 58211
Mean 244.3
RMS 5.391
Underflow 0
Overflow 2.094e+04
Integral 3.727e+04
All PMTs: TADC1
HTADC1All
Entries 58211
Mean 201.3
RMS 32.84
Underflow 0
Overflow 3720
Integral 5.449e+04
All PMTs: TADC2
HTADC2All
Entries 58211
Mean 85.1
RMS 36.19
Underflow 0
Overflow 0
Integral 5.821e+04
All PMTs: TADC3
HTADC3All
Entries 58211
Mean 243.7
RMS 5.85
Underflow 0
Overflow 1.88e+04
Integral 3.941e+04



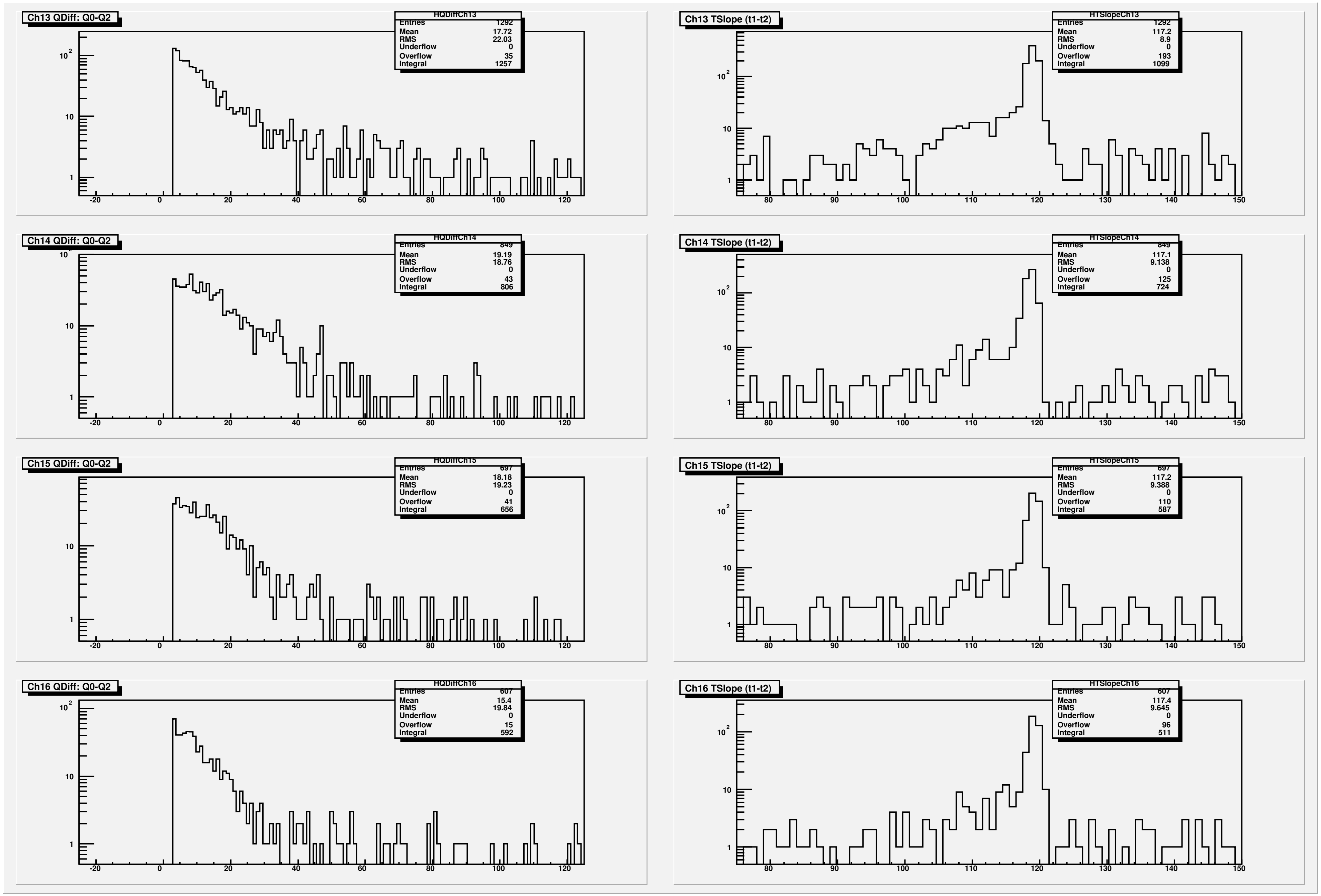
Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 57
Mean 4.877
RMS 2.241
Underflow 0
Overflow 0
Integral 57
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 57
Mean 119.5
RMS 3.798
Underflow 0
Overflow 0
Integral 57
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 889
Mean 16.1
RMS 14.79
Underflow 0
Overflow 9
Integral 880
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 889
Mean 119.5
RMS 3.585
Underflow 0
Overflow 1
Integral 888
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 1110
Mean 8.048
RMS 4.236
Underflow 0
Overflow 0
Integral 1110
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 1110
Mean 118.3
RMS 3.693
Underflow 0
Overflow 2
Integral 1108
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 2436
Mean 11
RMS 13.46
Underflow 0
Overflow 2
Integral 2434
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 2436
Mean 119.5
RMS 3.322
Underflow 0
Overflow 3
Integral 2433

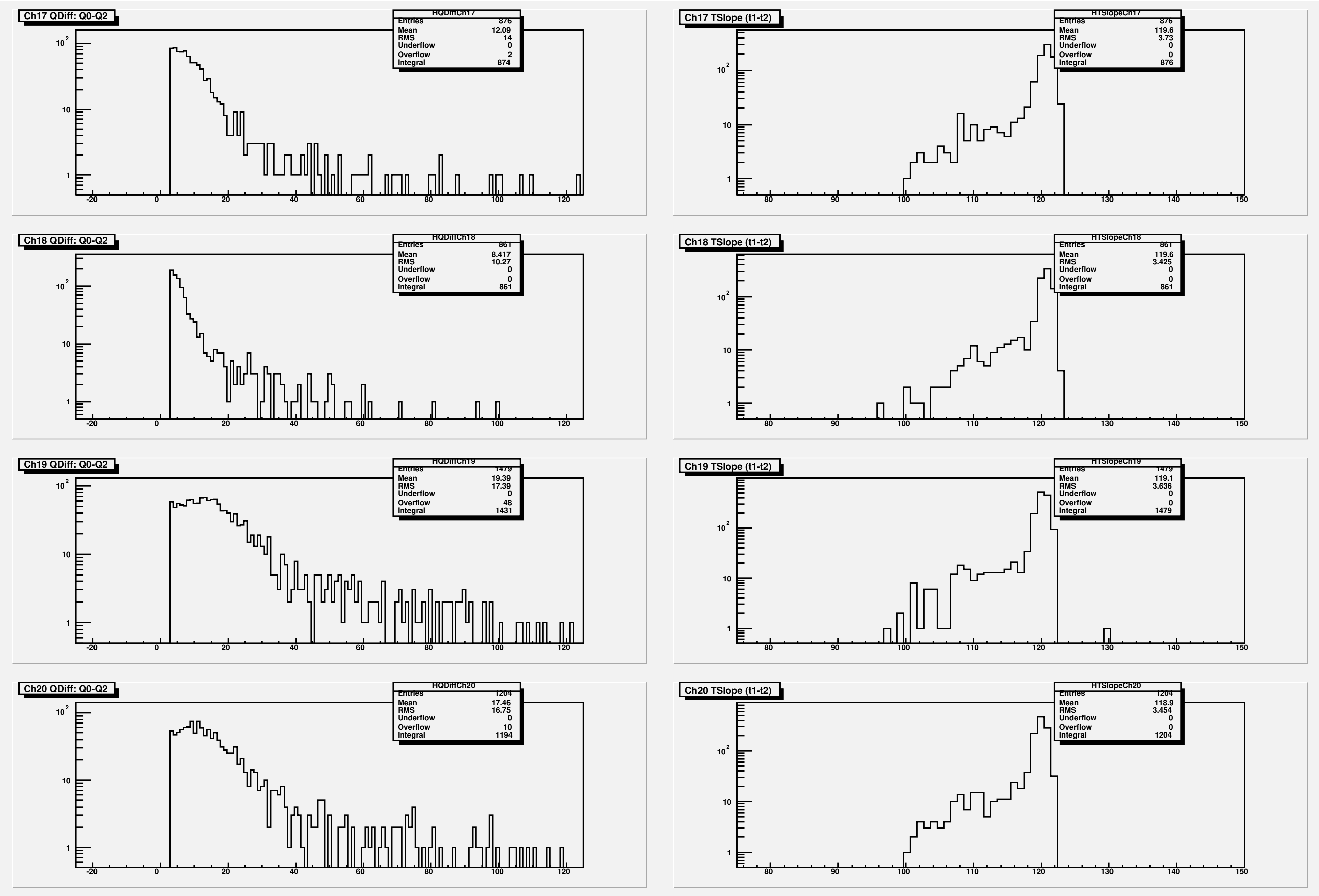


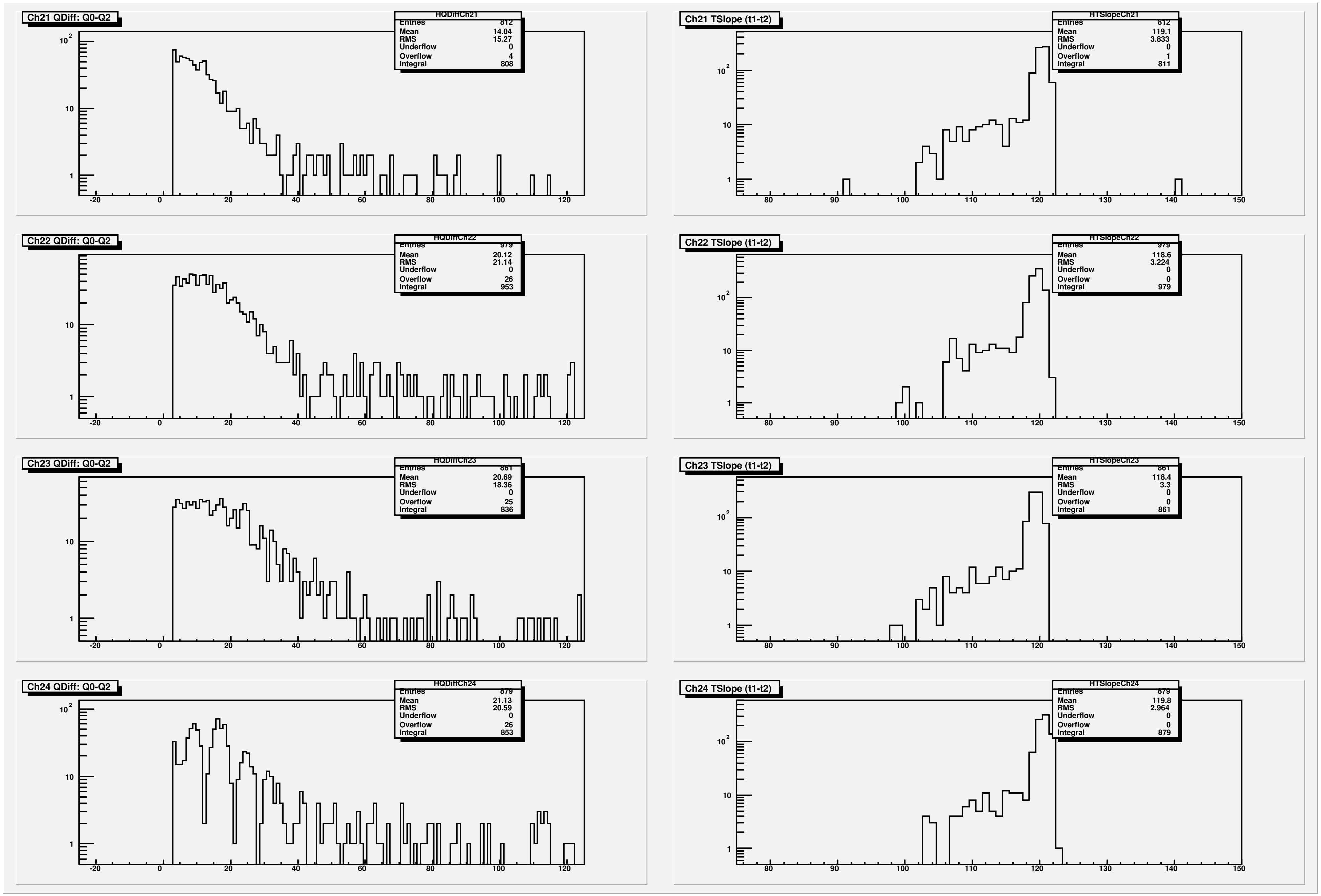
Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 379
Mean 7.377
RMS 6.418
Underflow 0
Overflow 0
Integral 379
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 379
Mean 119
RMS 4.121
Underflow 0
Overflow 1
Integral 378
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 904
Mean 9.93
RMS 12.77
Underflow 0
Overflow 0
Integral 904
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 904
Mean 119.5
RMS 3.449
Underflow 0
Overflow 2
Integral 902
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 1743
Mean 14.88
RMS 16.63
Underflow 0
Overflow 14
Integral 1729
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 1743
Mean 118.1
RMS 3.056
Underflow 0
Overflow 3
Integral 1740
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 1184
Mean 12.95
RMS 16
Underflow 0
Overflow 2
Integral 1182
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 1184
Mean 118.7
RMS 2.83
Underflow 0
Overflow 2
Integral 1182

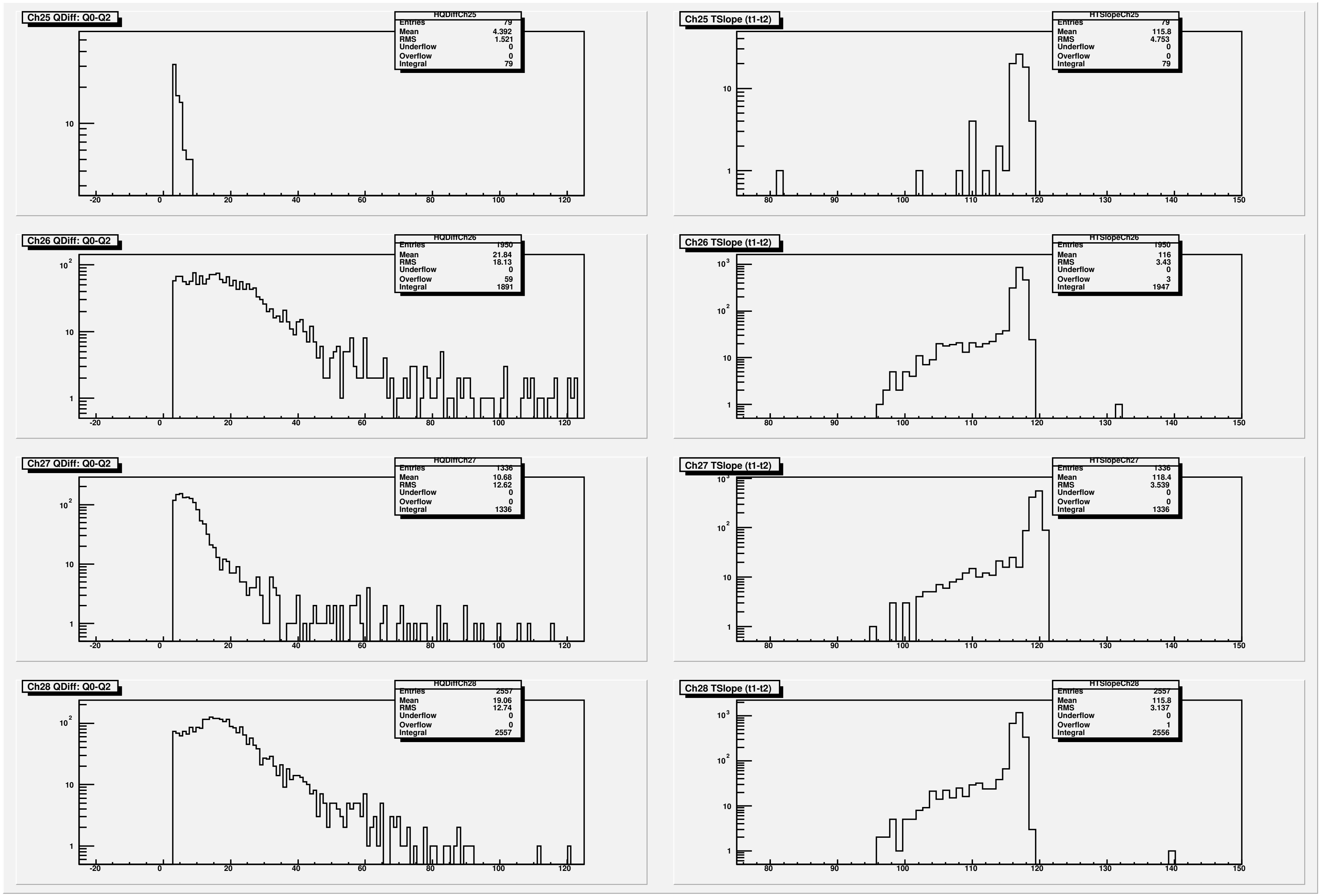


Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 368
Mean 14.17
RMS 18.25
Underflow 0
Overflow 7
Integral 361
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 368
Mean 116.8
RMS 9.284
Underflow 0
Overflow 51
Integral 317
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 1141
Mean 18.44
RMS 10.58
Underflow 0
Overflow 0
Integral 1141
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 1141
Mean 116.9
RMS 10.45
Underflow 0
Overflow 154
Integral 987
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 1225
Mean 17.73
RMS 20.45
Underflow 0
Overflow 39
Integral 1186
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 1225
Mean 117
RMS 9.785
Underflow 0
Overflow 162
Integral 1063
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 2467
Mean 18.85
RMS 21.89
Underflow 0
Overflow 61
Integral 2406
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 2467
Mean 117
RMS 9.172
Underflow 0
Overflow 363
Integral 2104

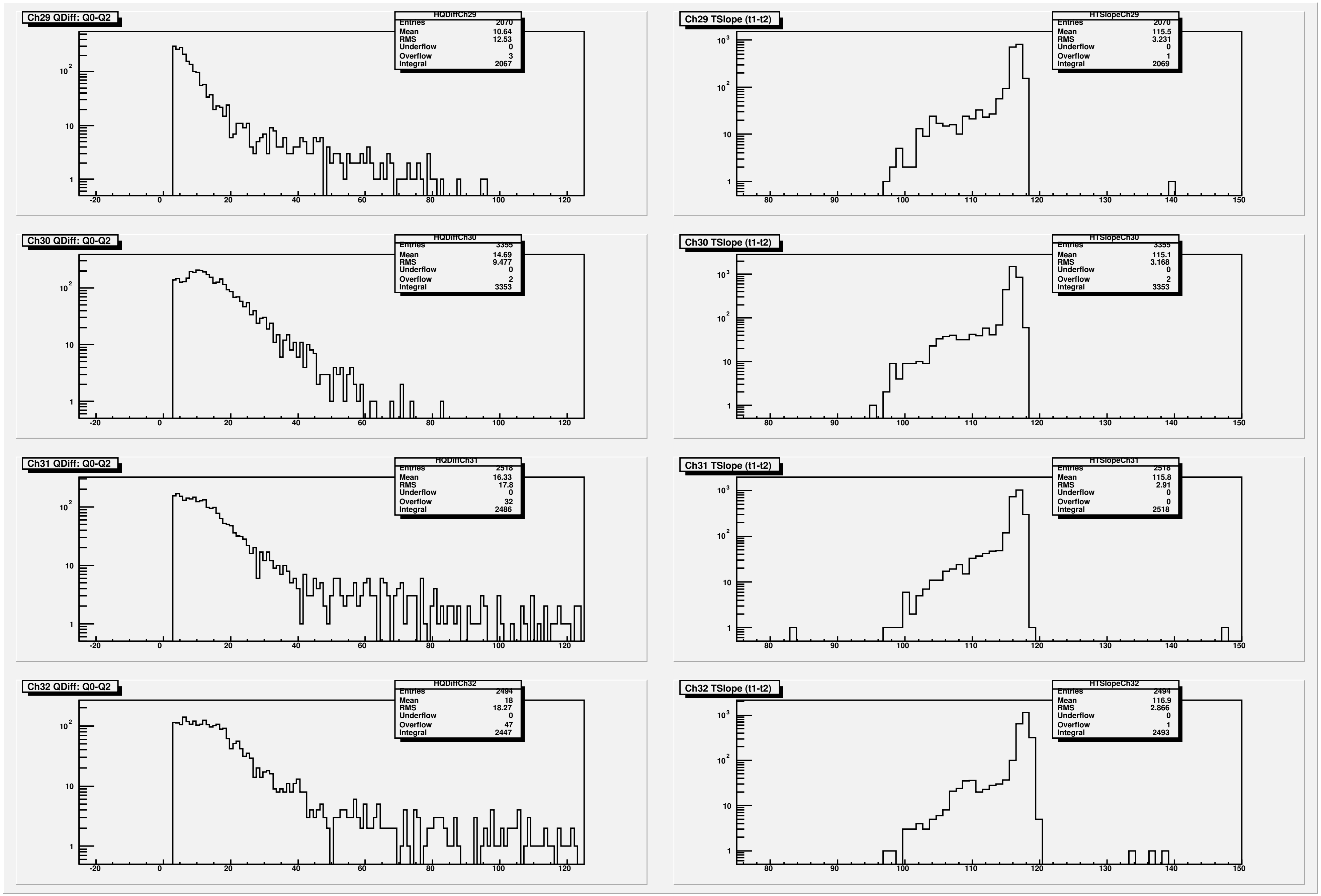

Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 1292
Mean 17.72
RMS 22.03
Underflow 0
Overflow 35
Integral 1257
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 1292
Mean 117.2
RMS 8.9
Underflow 0
Overflow 193
Integral 1099
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 849
Mean 19.19
RMS 18.76
Underflow 0
Overflow 43
Integral 806
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 849
Mean 117.1
RMS 9.138
Underflow 0
Overflow 125
Integral 724
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 697
Mean 18.18
RMS 19.23
Underflow 0
Overflow 41
Integral 656
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 697
Mean 117.2
RMS 9.388
Underflow 0
Overflow 110
Integral 587
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 607
Mean 15.4
RMS 19.84
Underflow 0
Overflow 15
Integral 592
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 607
Mean 117.4
RMS 9.645
Underflow 0
Overflow 96
Integral 511


Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 876
Mean 12.09
RMS 14
Underflow 0
Overflow 2
Integral 874
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 876
Mean 119.6
RMS 3.73
Underflow 0
Overflow 0
Integral 876
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 861
Mean 8.417
RMS 10.27
Underflow 0
Overflow 0
Integral 861
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 861
Mean 119.6
RMS 3.425
Underflow 0
Overflow 0
Integral 861
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 1479
Mean 19.39
RMS 17.39
Underflow 0
Overflow 48
Integral 1431
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 1479
Mean 119.1
RMS 3.636
Underflow 0
Overflow 0
Integral 1479
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 1204
Mean 17.46
RMS 16.75
Underflow 0
Overflow 10
Integral 1194
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 1204
Mean 118.9
RMS 3.454
Underflow 0
Overflow 0
Integral 1204

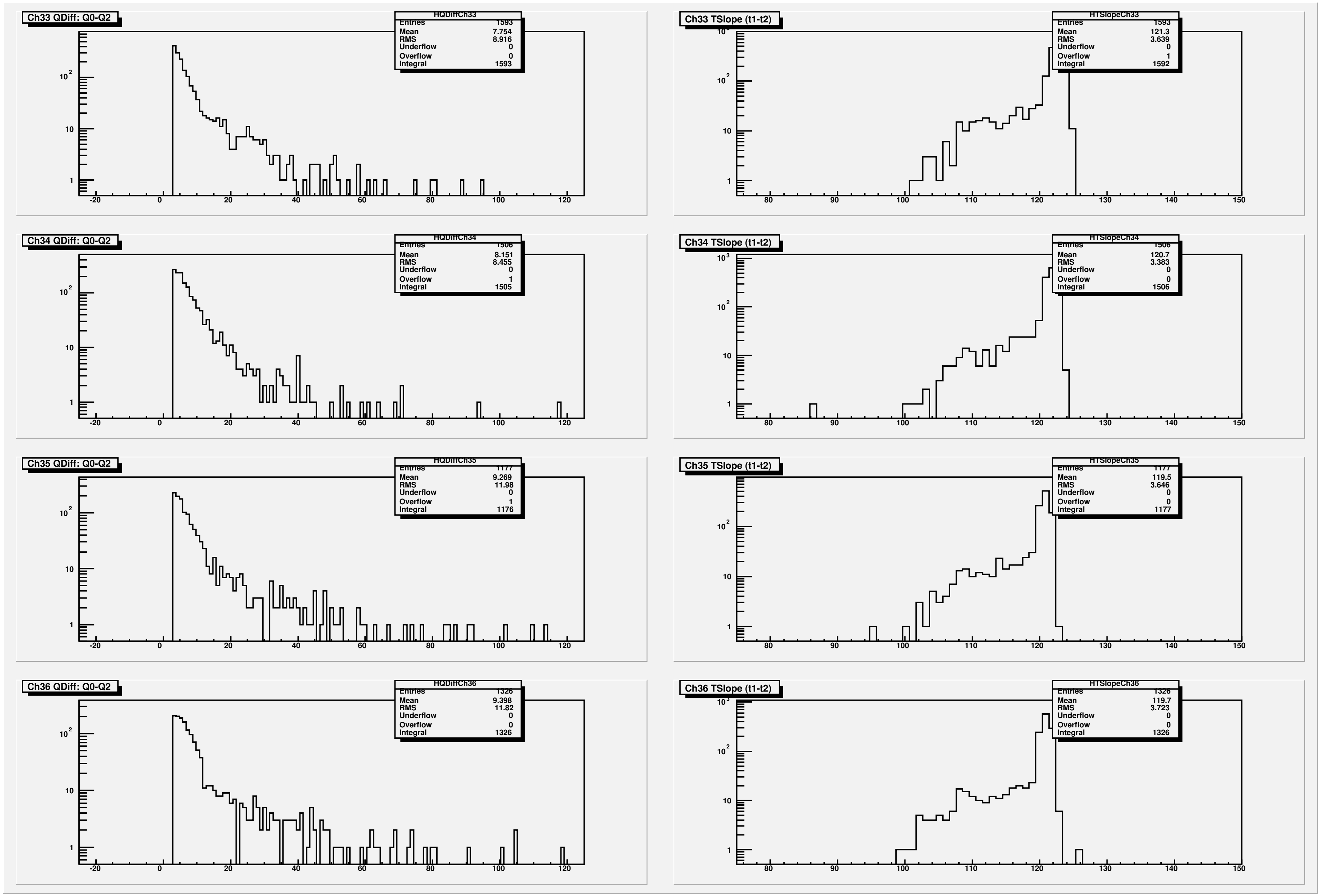

Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 812
Mean 14.04
RMS 15.27
Underflow 0
Overflow 4
Integral 808
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 812
Mean 119.1
RMS 3.833
Underflow 0
Overflow 1
Integral 811
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 979
Mean 20.12
RMS 21.14
Underflow 0
Overflow 26
Integral 953
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 979
Mean 118.6
RMS 3.224
Underflow 0
Overflow 0
Integral 979
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 861
Mean 20.69
RMS 18.36
Underflow 0
Overflow 25
Integral 836
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 861
Mean 118.4
RMS 3.3
Underflow 0
Overflow 0
Integral 861
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 879
Mean 21.13
RMS 20.59
Underflow 0
Overflow 26
Integral 853
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 879
Mean 119.8
RMS 2.964
Underflow 0
Overflow 0
Integral 879



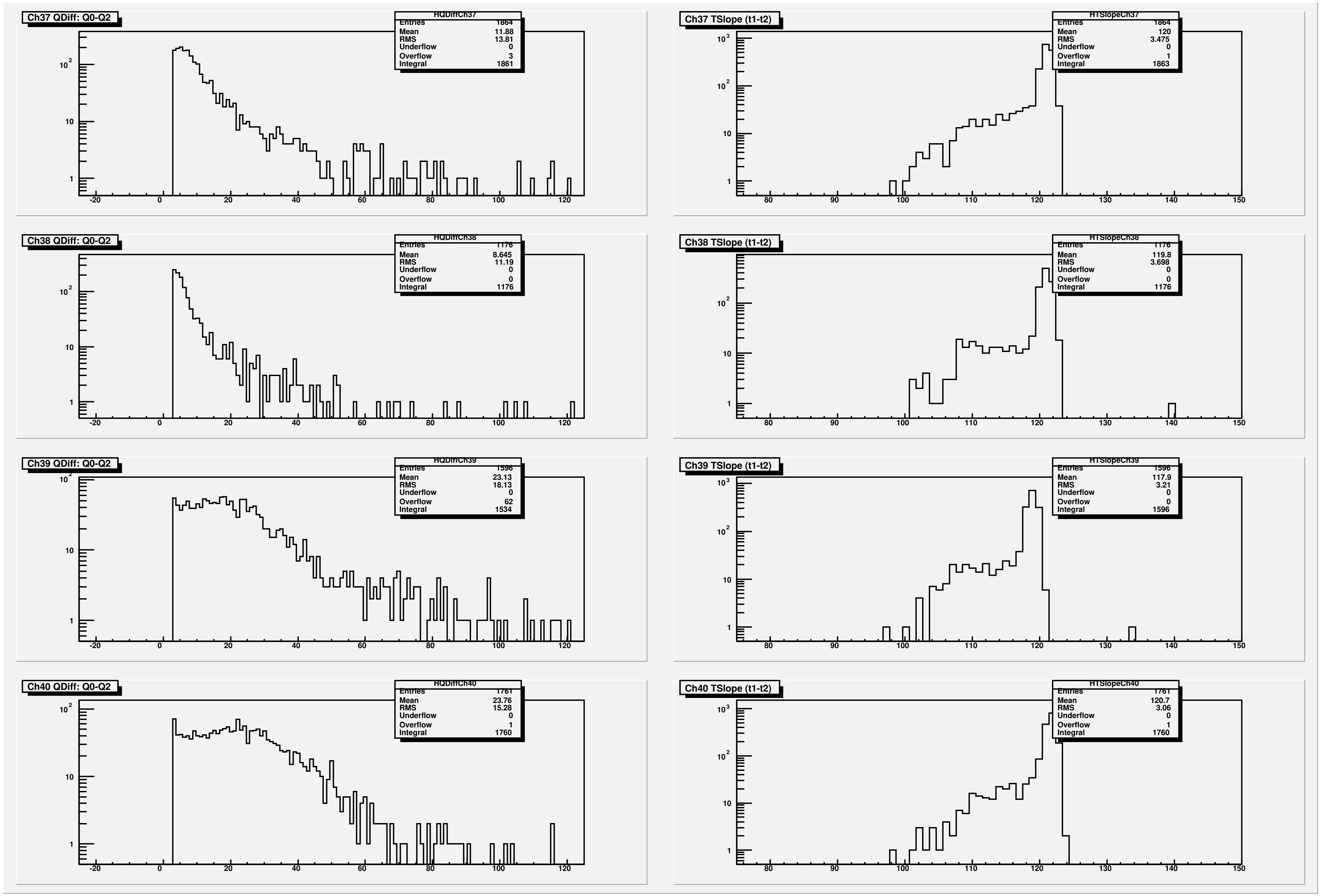
Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 79
Mean 4.392
RMS 1.521
Underflow 0
Overflow 0
Integral 79
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 79
Mean 115.8
RMS 4.753
Underflow 0
Overflow 0
Integral 79
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 1950
Mean 21.84
RMS 18.13
Underflow 0
Overflow 59
Integral 1891
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 1950
Mean 116
RMS 3.43
Underflow 0
Overflow 3
Integral 1947
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 1336
Mean 10.68
RMS 12.62
Underflow 0
Overflow 0
Integral 1336
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 1336
Mean 118.4
RMS 3.539
Underflow 0
Overflow 0
Integral 1336
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 2557
Mean 19.06
RMS 12.74
Underflow 0
Overflow 0
Integral 2557
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 2557
Mean 115.8
RMS 3.137
Underflow 0
Overflow 1
Integral 2556

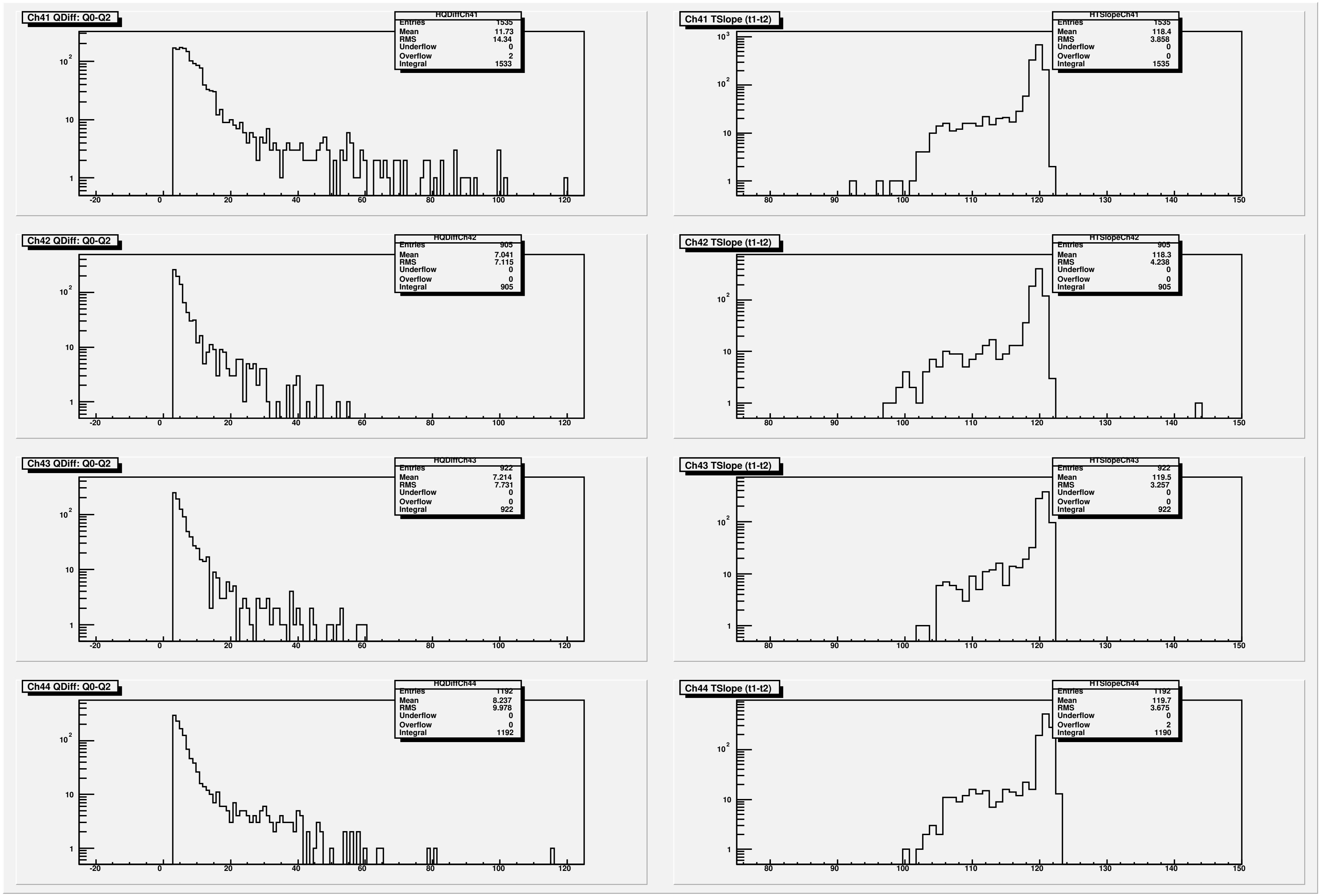


Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 2070
Mean 10.64
RMS 12.53
Underflow 0
Overflow 3
Integral 2067
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 2070
Mean 115.5
RMS 3.231
Underflow 0
Overflow 1
Integral 2069
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 3355
Mean 14.69
RMS 9.477
Underflow 0
Overflow 2
Integral 3353
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 3355
Mean 115.1
RMS 3.168
Underflow 0
Overflow 2
Integral 3353
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 2518
Mean 16.33
RMS 17.8
Underflow 0
Overflow 32
Integral 2486
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 2518
Mean 115.8
RMS 2.91
Underflow 0
Overflow 0
Integral 2518
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 2494
Mean 18
RMS 18.27
Underflow 0
Overflow 47
Integral 2447
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 2494
Mean 116.9
RMS 2.866
Underflow 0
Overflow 1
Integral 2493



Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 1593
Mean 7.754
RMS 8.916
Underflow 0
Overflow 0
Integral 1593
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 1593
Mean 121.3
RMS 3.639
Underflow 0
Overflow 1
Integral 1592
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 1506
Mean 8.151
RMS 8.455
Underflow 0
Overflow 1
Integral 1505
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 1506
Mean 120.7
RMS 3.383
Underflow 0
Overflow 0
Integral 1506
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 1177
Mean 9.269
RMS 11.98
Underflow 0
Overflow 1
Integral 1176
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 1177
Mean 119.5
RMS 3.646
Underflow 0
Overflow 0
Integral 1177
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 1326
Mean 9.398
RMS 11.82
Underflow 0
Overflow 0
Integral 1326
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 1326
Mean 119.7
RMS 3.723
Underflow 0
Overflow 0
Integral 1326


Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 1864
Mean 11.88
RMS 13.81
Underflow 0
Overflow 3
Integral 1861
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 1864
Mean 120
RMS 3.475
Underflow 0
Overflow 1
Integral 1863
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 1176
Mean 8.645
RMS 11.19
Underflow 0
Overflow 0
Integral 1176
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 1176
Mean 119.8
RMS 3.698
Underflow 0
Overflow 0
Integral 1176
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 1596
Mean 23.13
RMS 18.13
Underflow 0
Overflow 62
Integral 1534
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 1596
Mean 117.9
RMS 3.21
Underflow 0
Overflow 0
Integral 1596
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 1761
Mean 23.76
RMS 15.28
Underflow 0
Overflow 1
Integral 1760
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 1761
Mean 120.7
RMS 3.06
Underflow 0
Overflow 1
Integral 1760


Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 1535
Mean 11.73
RMS 14.34
Underflow 0
Overflow 2
Integral 1533
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 1535
Mean 118.4
RMS 3.858
Underflow 0
Overflow 0
Integral 1535
Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 905
Mean 7.041
RMS 7.115
Underflow 0
Overflow 0
Integral 905
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 905
Mean 118.3
RMS 4.238
Underflow 0
Overflow 0
Integral 905
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 922
Mean 7.214
RMS 7.731
Underflow 0
Overflow 0
Integral 922
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 922
Mean 119.5
RMS 3.257
Underflow 0
Overflow 0
Integral 922
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 1192
Mean 8.237
RMS 9.978
Underflow 0
Overflow 0
Integral 1192
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 1192
Mean 119.7
RMS 3.675
Underflow 0
Overflow 2
Integral 1190