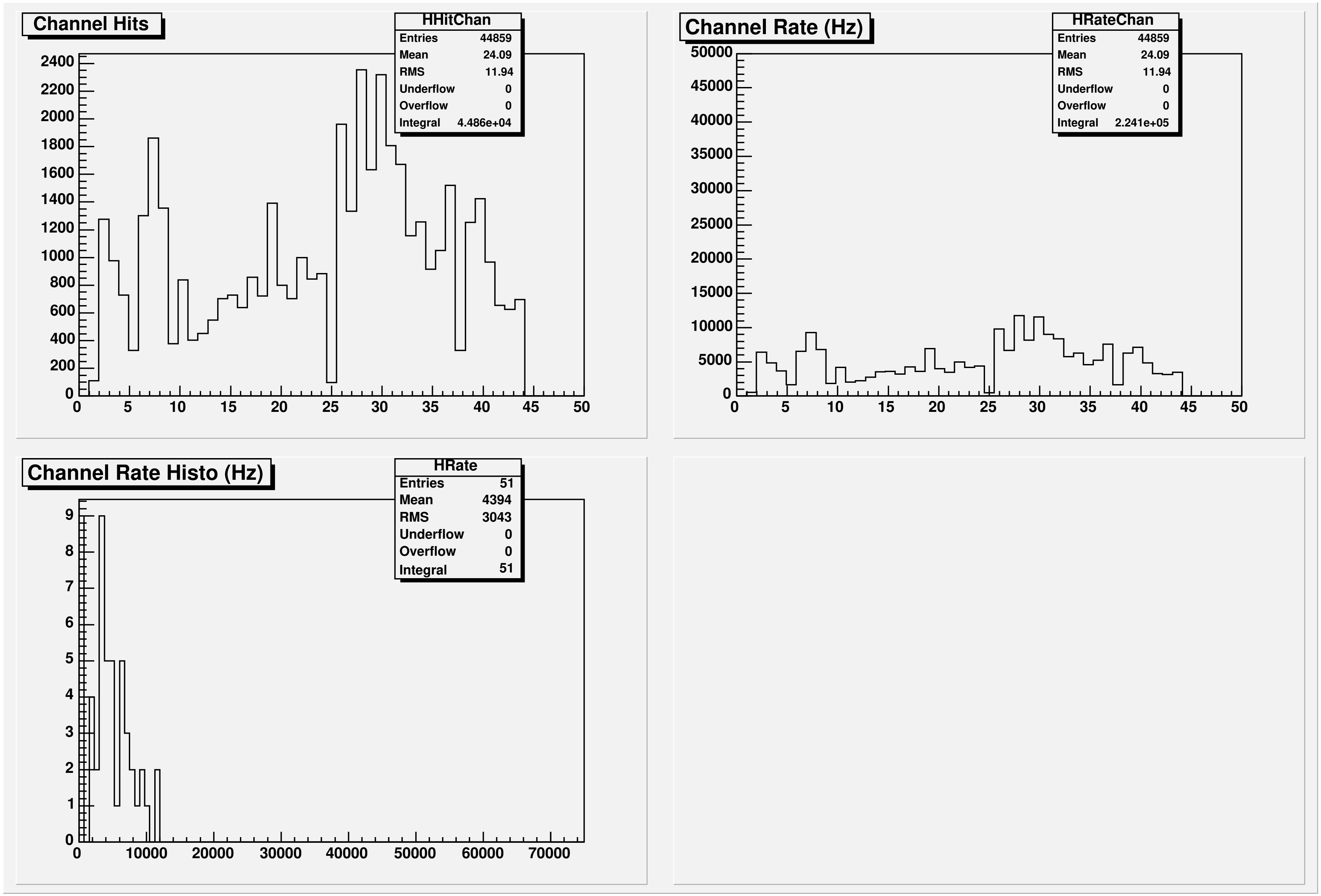
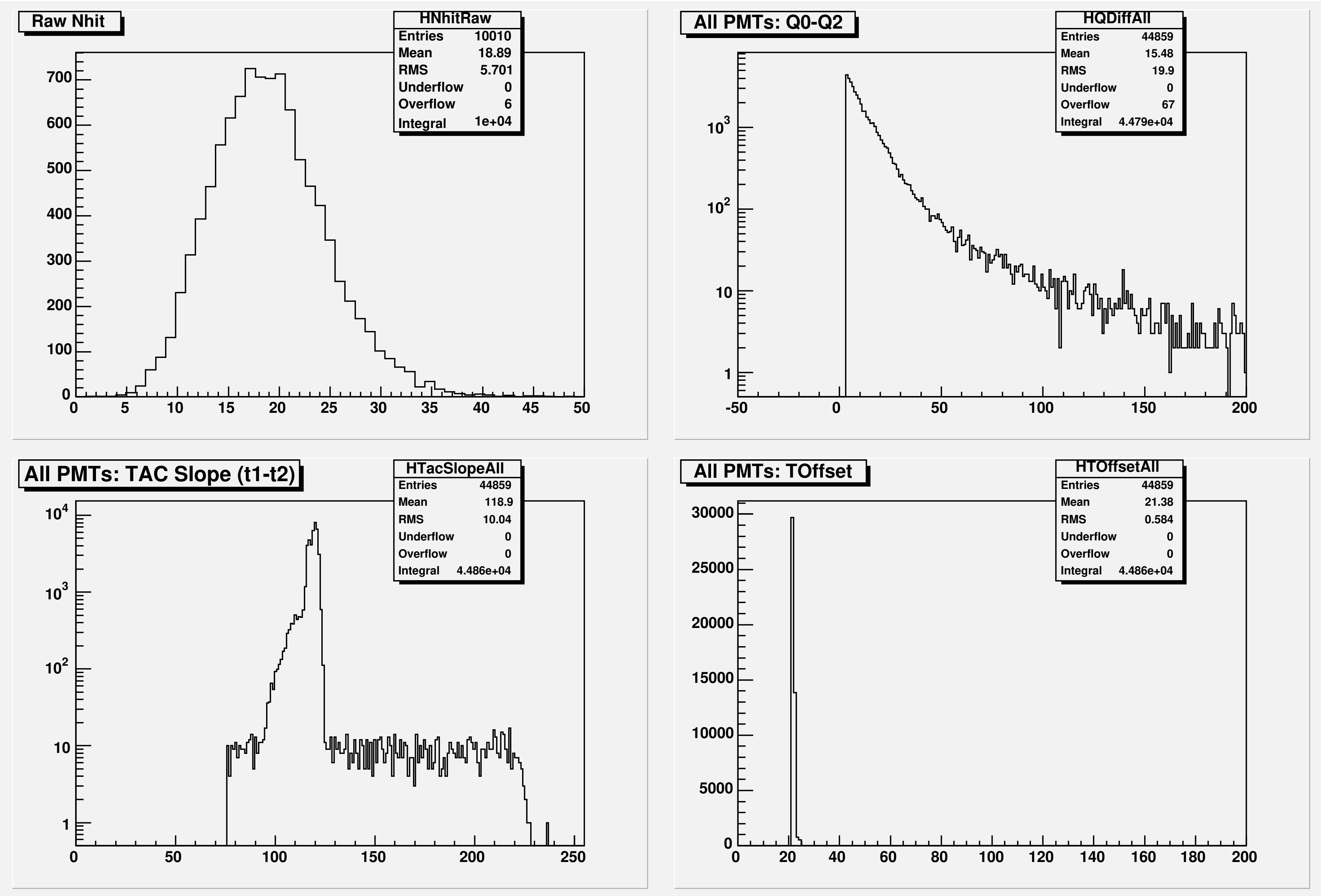
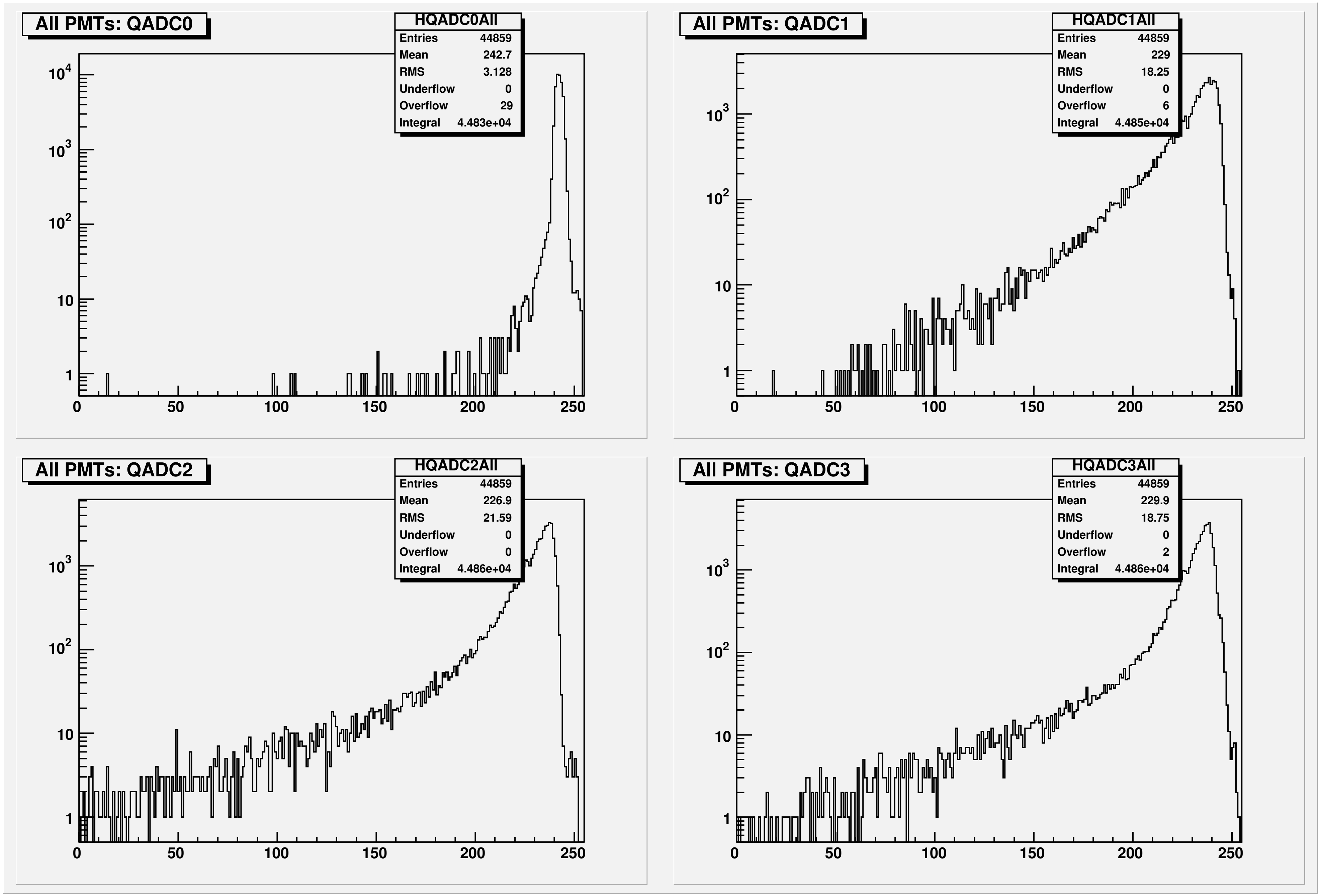
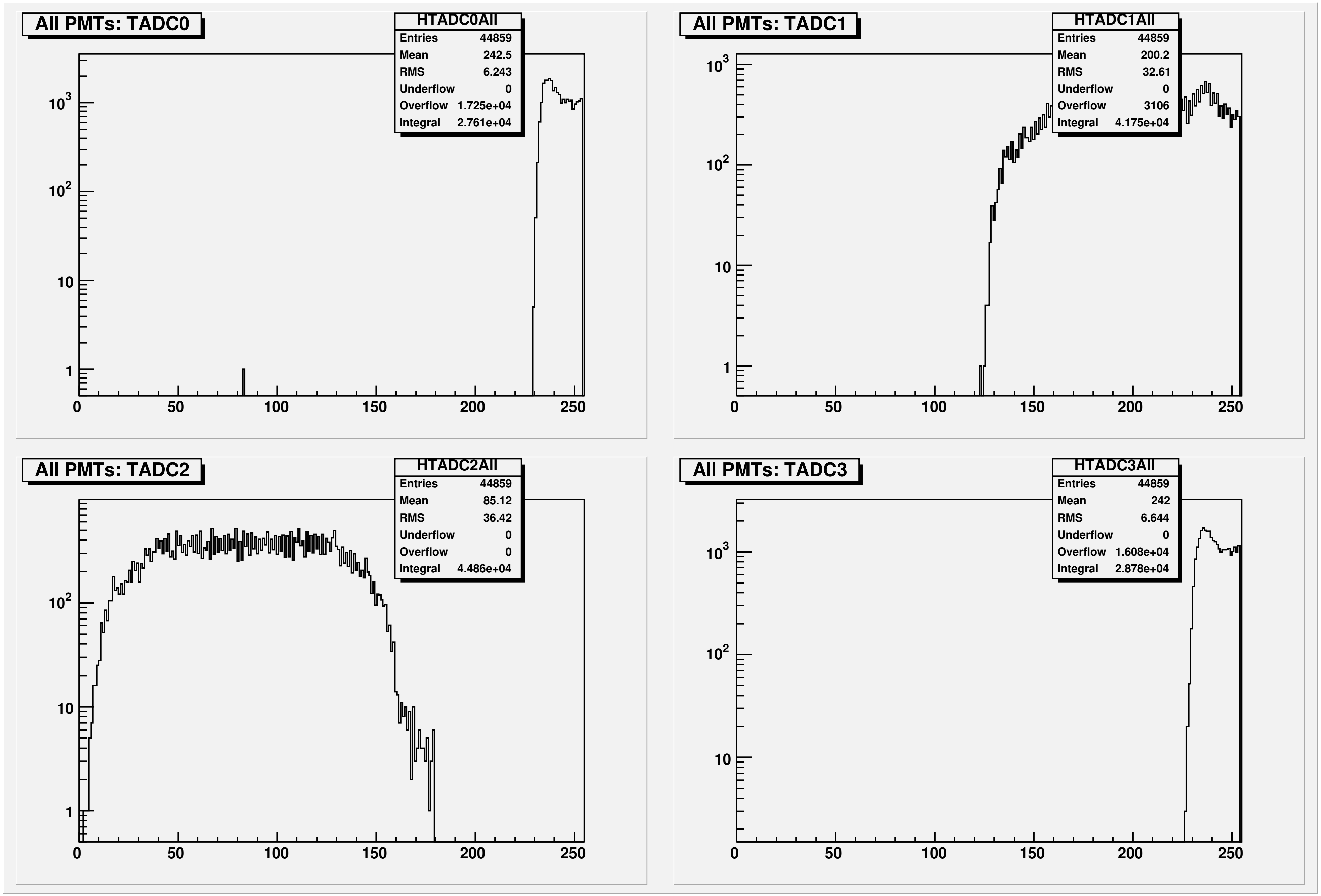
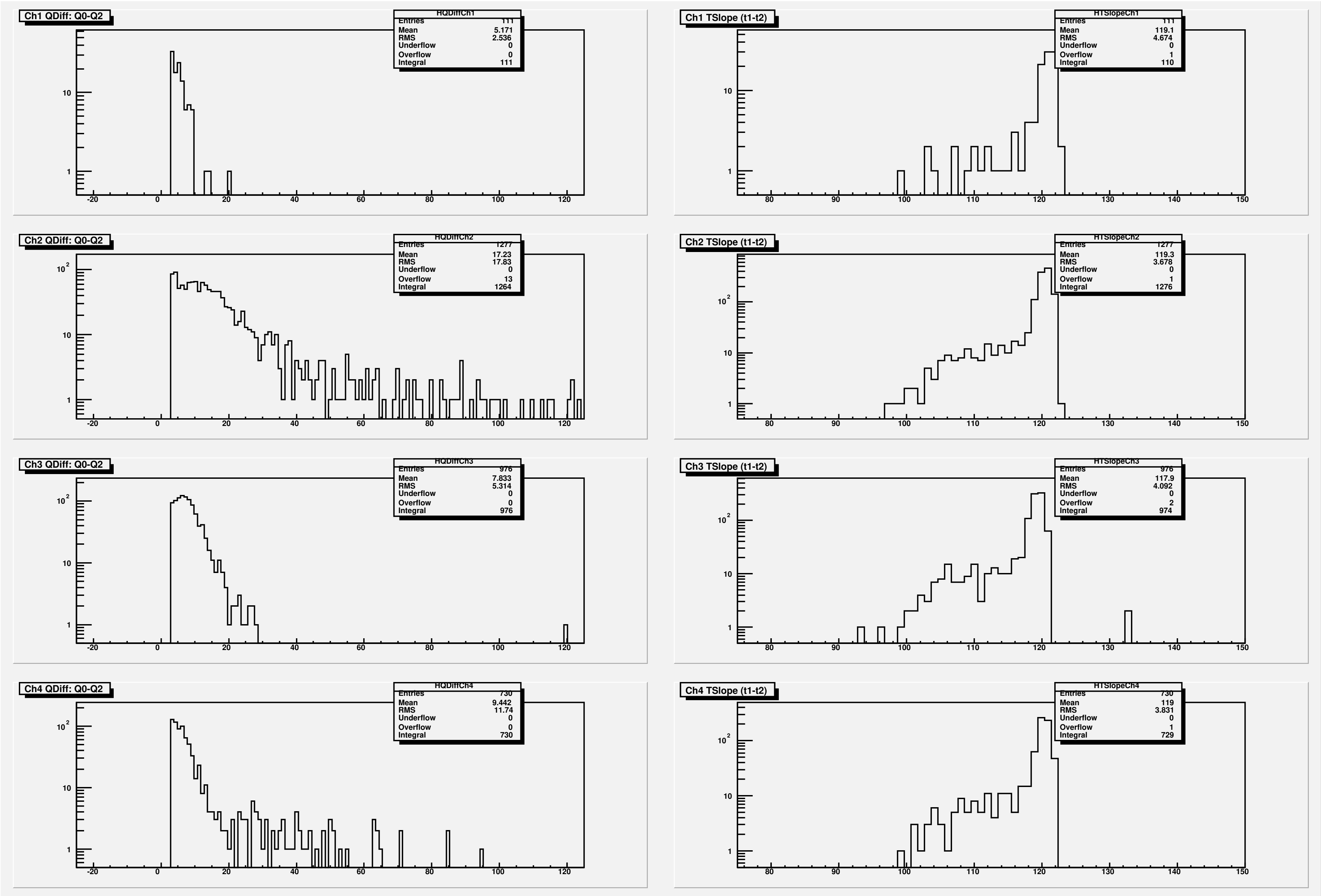
RUN: VlandUnCal Run11477 LEDTCut-QCut

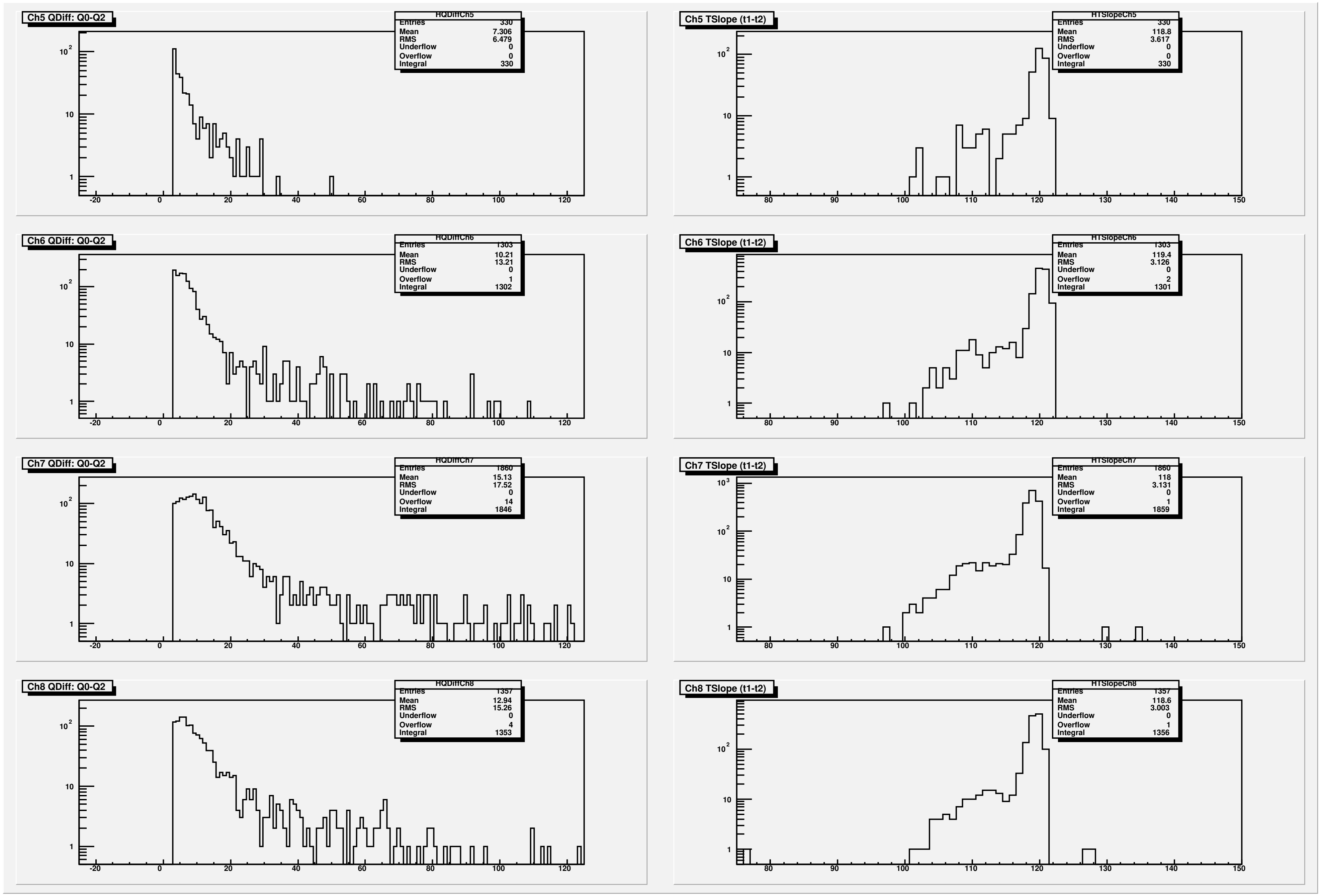

Channel Hits
HHitChan
Entries 44859
Mean 24.09
RMS 11.94
Underflow 0
Overflow 0
Integral 4.486e+04
Channel Rate (Hz)
HRateChan
Entries 44859
Mean 24.09
RMS 11.94
Underflow 0
Overflow 0
Integral 2.241e+05
Channel Rate Histo (Hz)
HRate
Entries 51
Mean 4394
RMS 3043
Underflow 0
Overflow 0
Integral 51

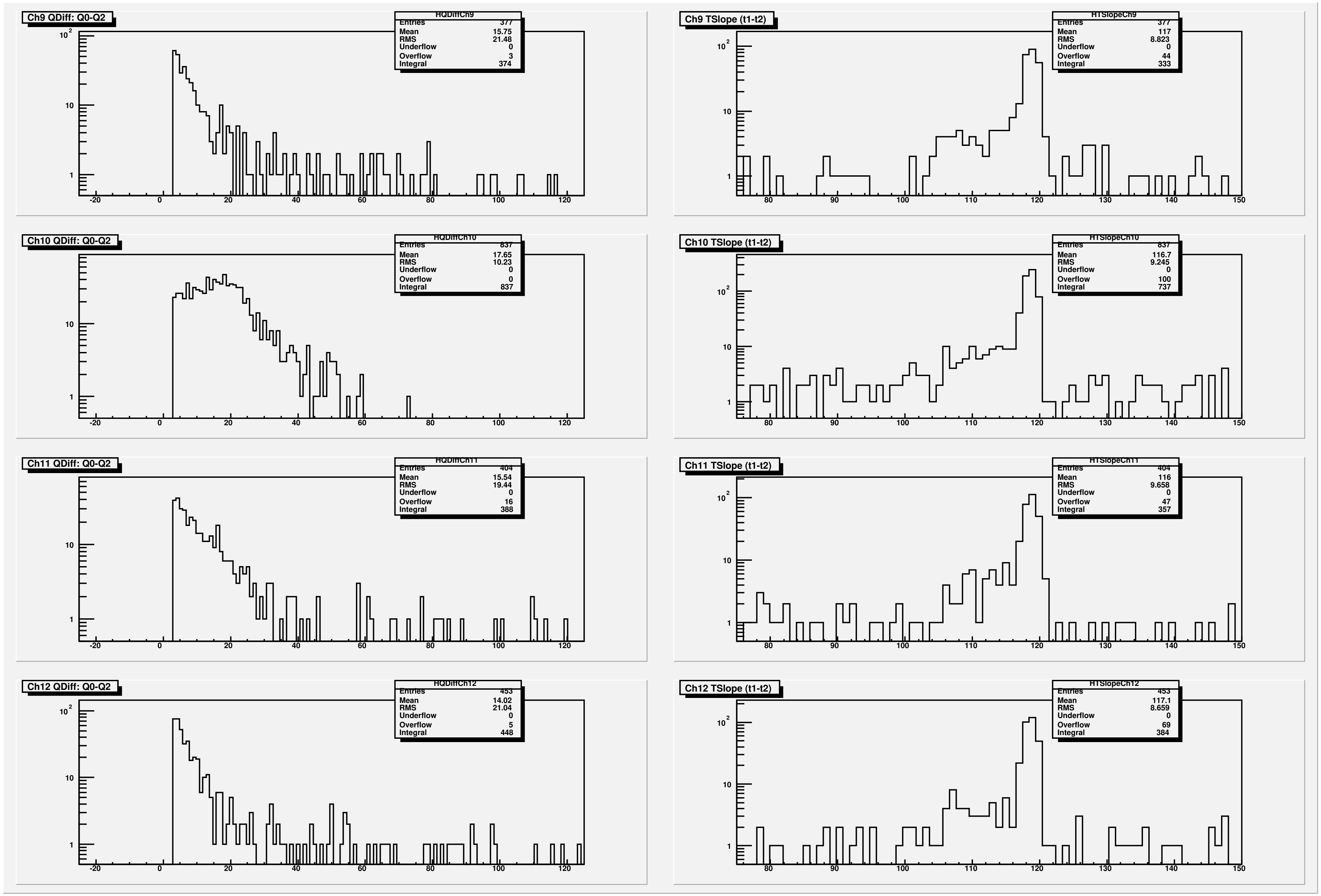

Raw Nhit
HNhitRaw
Entries 10010
Mean 18.89
RMS 5.701
Underflow 0
Overflow 6
Integral 1e+04
0
100
200
300
400
500
600
700
0 5 10 15 20 25 30 35 40 45 50
All PMTs: Q0-Q2
HQDiffAll
Entries 44859
Mean 15.48
RMS 19.9
Underflow 0
Overflow 67
Integral 4.479e+04
1
10
$10^2$
$10^3$
-50 0 50 100 150 200
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 44859
Mean 118.9
RMS 10.04
Underflow 0
Overflow 0
Integral 4.486e+04
1
10
$10^2$
$10^3$
$10^4$
0 50 100 150 200 250
All PMTs: TOffset
HTOffsetAll
Entries 44859
Mean 21.38
RMS 0.584
Underflow 0
Overflow 0
Integral 4.486e+04
0
5000
10000
15000
20000
25000
30000
0 20 40 60 80 100 120 140 160 180 200

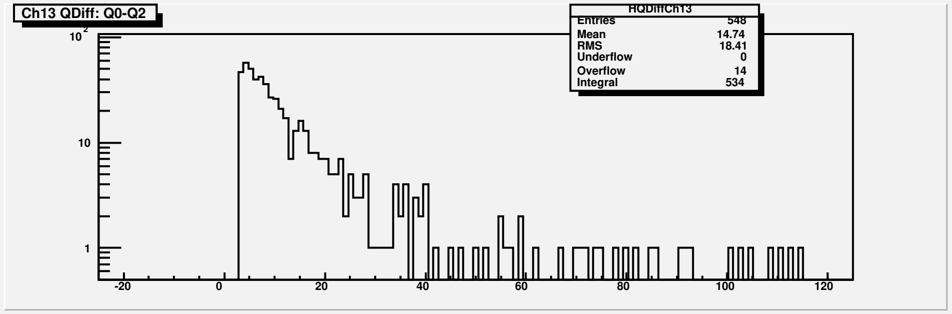

All PMTs: QADC0
HQADC0All
Entries 44859
Mean 242.7
RMS 3.128
Underflow 0
Overflow 29
Integral 4.483e+04
All PMTs: QADC1
HQADC1All
Entries 44859
Mean 229
RMS 18.25
Underflow 0
Overflow 6
Integral 4.485e+04
All PMTs: QADC2
HQADC2All
Entries 44859
Mean 226.9
RMS 21.59
Underflow 0
Overflow 0
Integral 4.486e+04
All PMTs: QADC3
HQADC3All
Entries 44859
Mean 229.9
RMS 18.75
Underflow 0
Overflow 2
Integral 4.486e+04
0 50 100 150 200 250
1 10 $10^2$ $10^3$ $10^4$

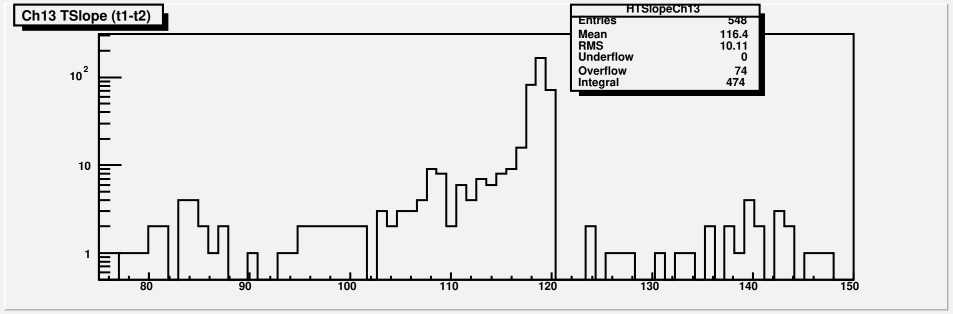

All PMTs: TADC0
HTADC0All
Entries 44859
Mean 242.5
RMS 6.243
Underflow 0
Overflow 1.725e+04
Integral 2.761e+04
All PMTs: TADC1
HTADC1All
Entries 44859
Mean 200.2
RMS 32.61
Underflow 0
Overflow 3106
Integral 4.175e+04
All PMTs: TADC2
HTADC2All
Entries 44859
Mean 85.12
RMS 36.42
Underflow 0
Overflow 0
Integral 4.486e+04
All PMTs: TADC3
HTADC3All
Entries 44859
Mean 242
RMS 6.644
Underflow 0
Overflow 1.608e+04
Integral 2.878e+04

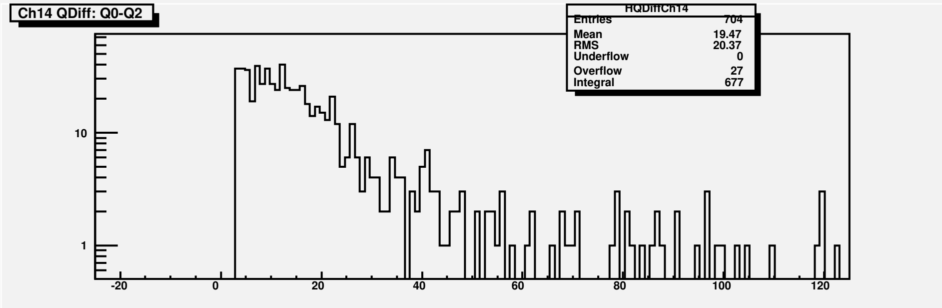

Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 111
Mean 5.171
RMS 2.536
Underflow 0
Overflow 0
Integral 111
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 111
Mean 119.1
RMS 4.674
Underflow 0
Overflow 1
Integral 110
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 1277
Mean 17.23
RMS 17.83
Underflow 0
Overflow 13
Integral 1264
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 1277
Mean 119.3
RMS 3.678
Underflow 0
Overflow 1
Integral 1276
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 976
Mean 7.833
RMS 5.314
Underflow 0
Overflow 0
Integral 976
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 976
Mean 117.9
RMS 4.092
Underflow 0
Overflow 2
Integral 974
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 730
Mean 9.442
RMS 11.74
Underflow 0
Overflow 0
Integral 730
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 730
Mean 119
RMS 3.831
Underflow 0
Overflow 1
Integral 729

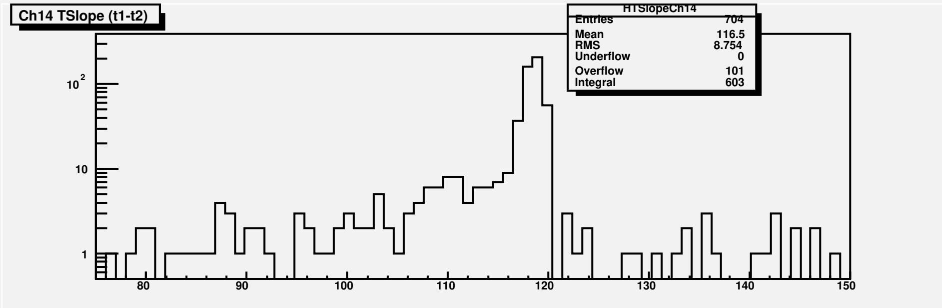

Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 330
Mean 7.306
RMS 6.479
Underflow 0
Overflow 0
Integral 330
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 330
Mean 118.8
RMS 3.617
Underflow 0
Overflow 0
Integral 330
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 1303
Mean 10.21
RMS 13.21
Underflow 0
Overflow 1
Integral 1302
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 1303
Mean 119.4
RMS 3.126
Underflow 0
Overflow 2
Integral 1301
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 1860
Mean 15.13
RMS 17.52
Underflow 0
Overflow 14
Integral 1846
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 1860
Mean 118
RMS 3.131
Underflow 0
Overflow 1
Integral 1859
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 1357
Mean 12.94
RMS 15.26
Underflow 0
Overflow 4
Integral 1353
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 1357
Mean 118.6
RMS 3.003
Underflow 0
Overflow 1
Integral 1356

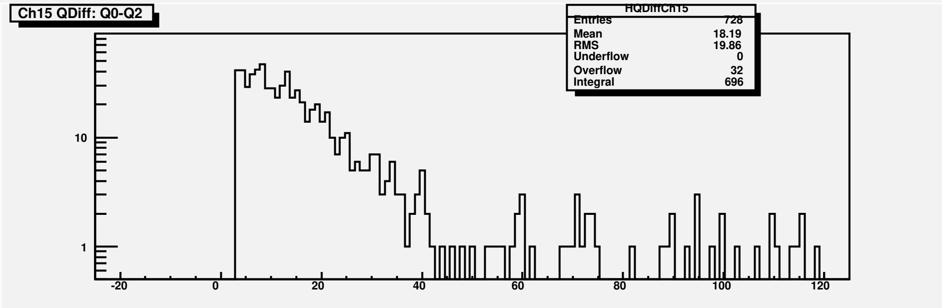

Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 377
Mean 15.75
RMS 21.48
Underflow 0
Overflow 3
Integral 374
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 377
Mean 117
RMS 8.823
Underflow 0
Overflow 44
Integral 333
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 837
Mean 17.65
RMS 10.23
Underflow 0
Overflow 0
Integral 837
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 837
Mean 116.7
RMS 9.245
Underflow 0
Overflow 100
Integral 737
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 404
Mean 15.54
RMS 19.44
Underflow 0
Overflow 16
Integral 388
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 404
Mean 116
RMS 9.658
Underflow 0
Overflow 47
Integral 357
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 453
Mean 14.02
RMS 21.04
Underflow 0
Overflow 5
Integral 448
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 453
Mean 117.1
RMS 8.659
Underflow 0
Overflow 69
Integral 384

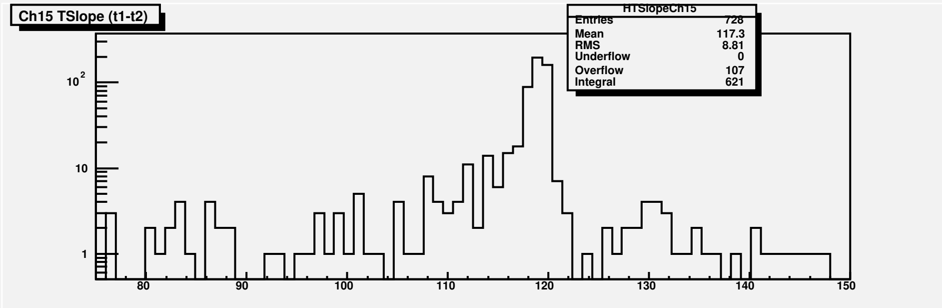

Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 548
Mean 14.74
RMS 18.41
Underflow 0
Overflow 14
Integral 534

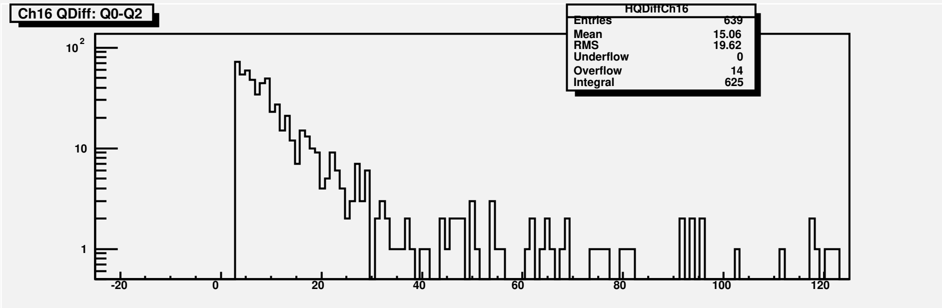

Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 548
Mean 116.4
RMS 10.11
Underflow 0
Overflow 74
Integral 474

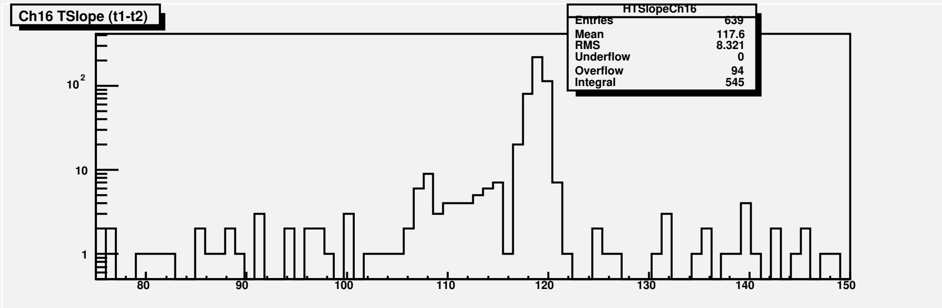

Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 704
Mean 19.47
RMS 20.37
Underflow 0
Overflow 27
Integral 677

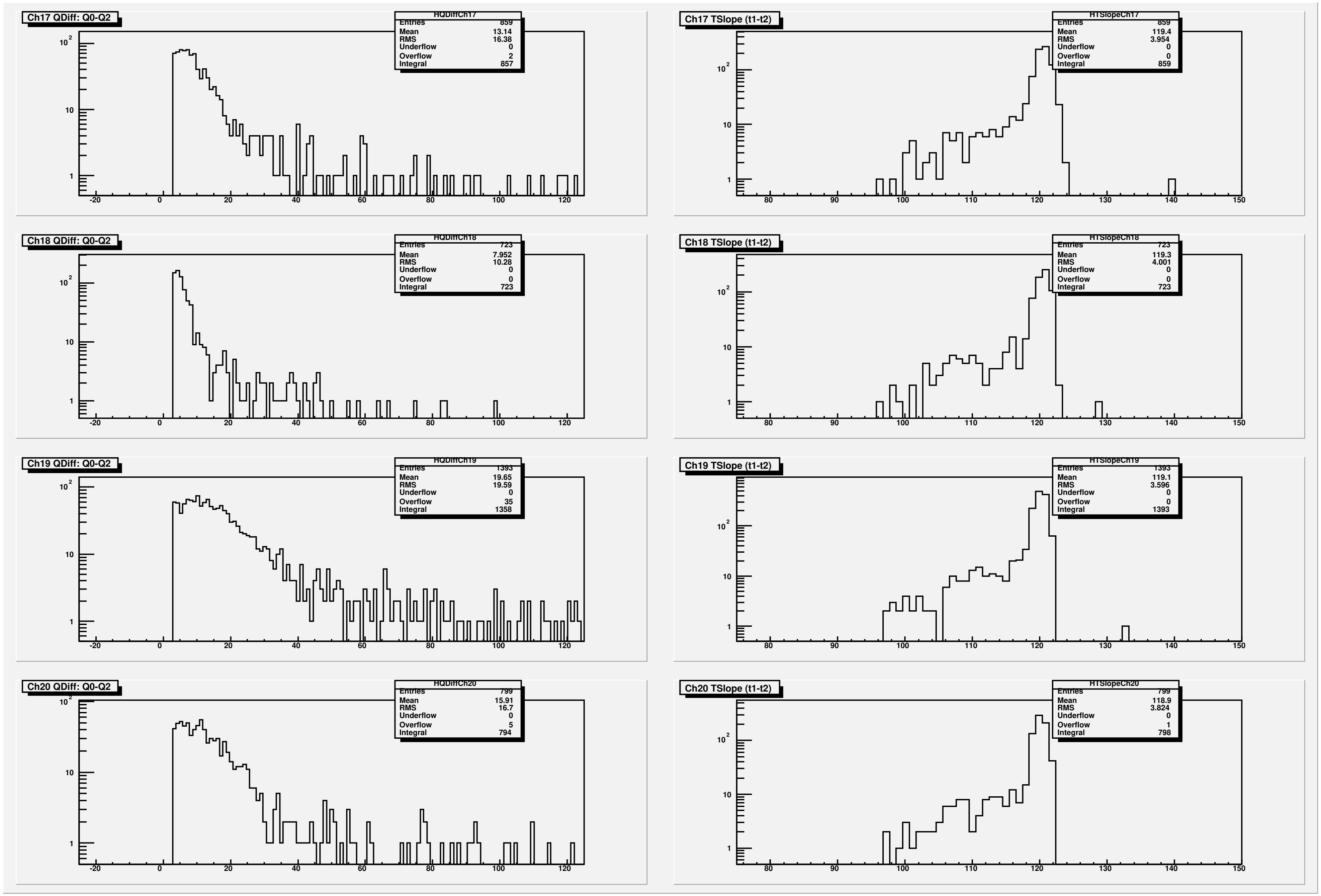

Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 704
Mean 116.5
RMS 8.754
Underflow 0
Overflow 101
Integral 603

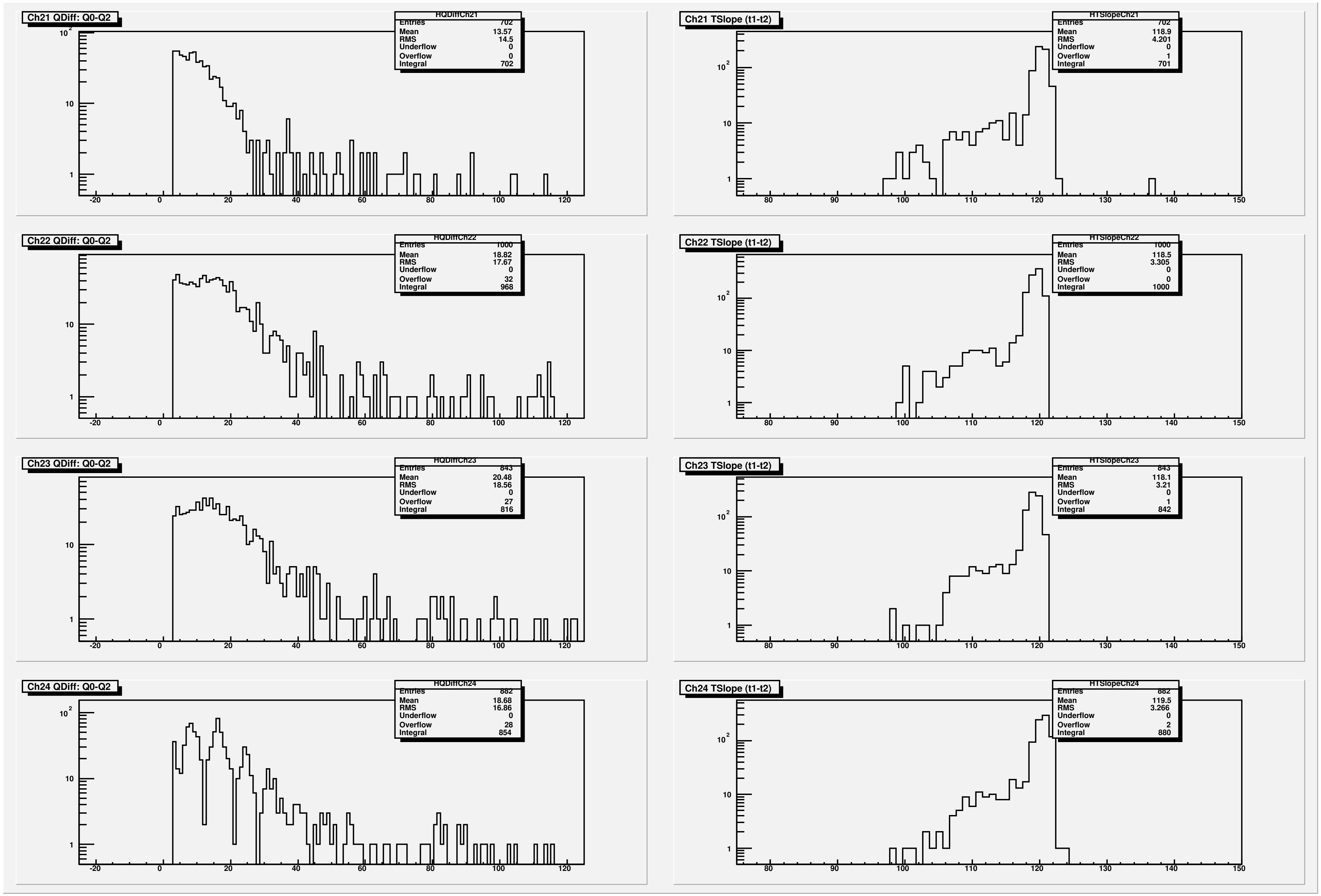

Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 728
Mean 18.19
RMS 19.86
Underflow 0
Overflow 32
Integral 696

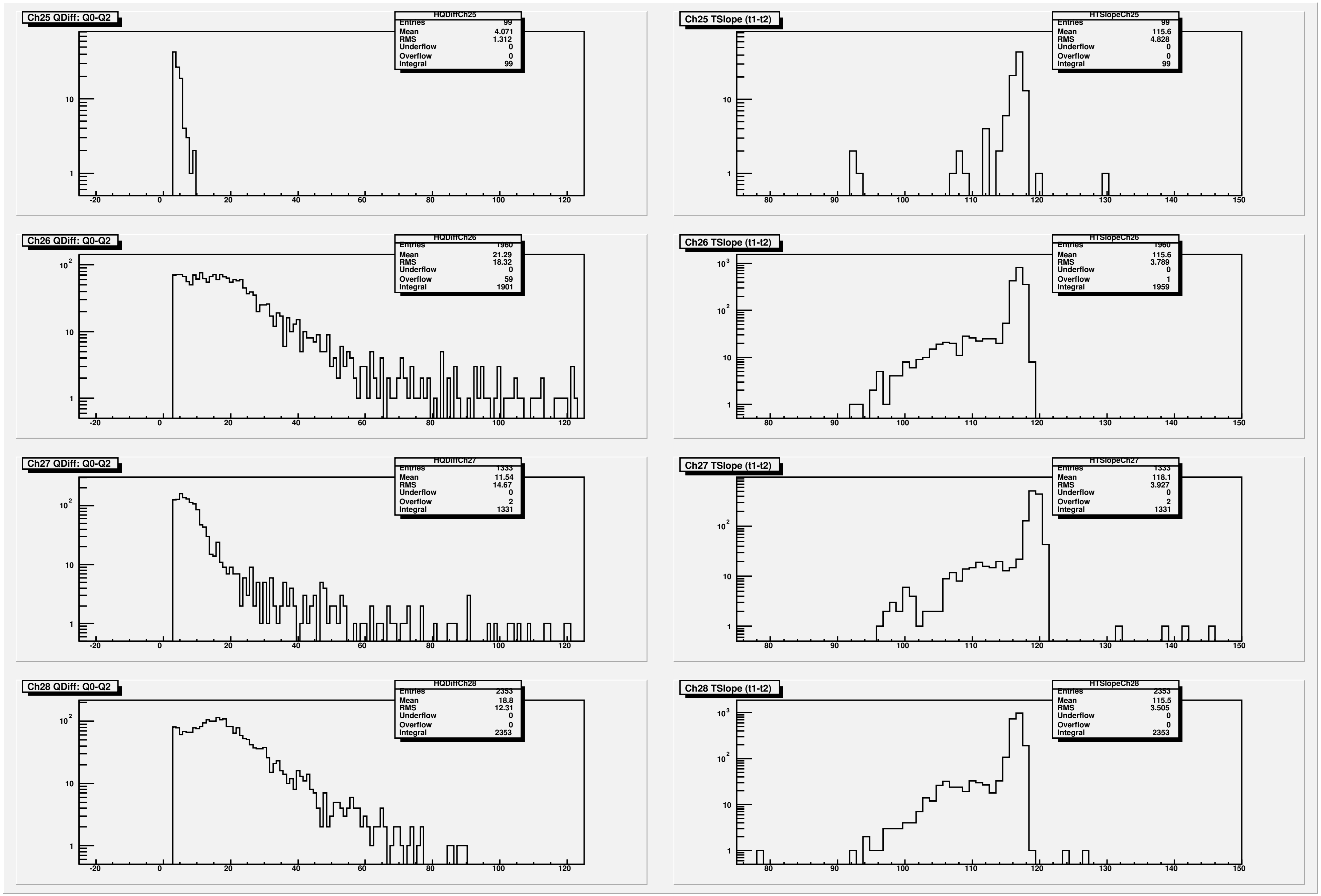

Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 728
Mean 117.3
RMS 8.81
Underflow 0
Overflow 107
Integral 621

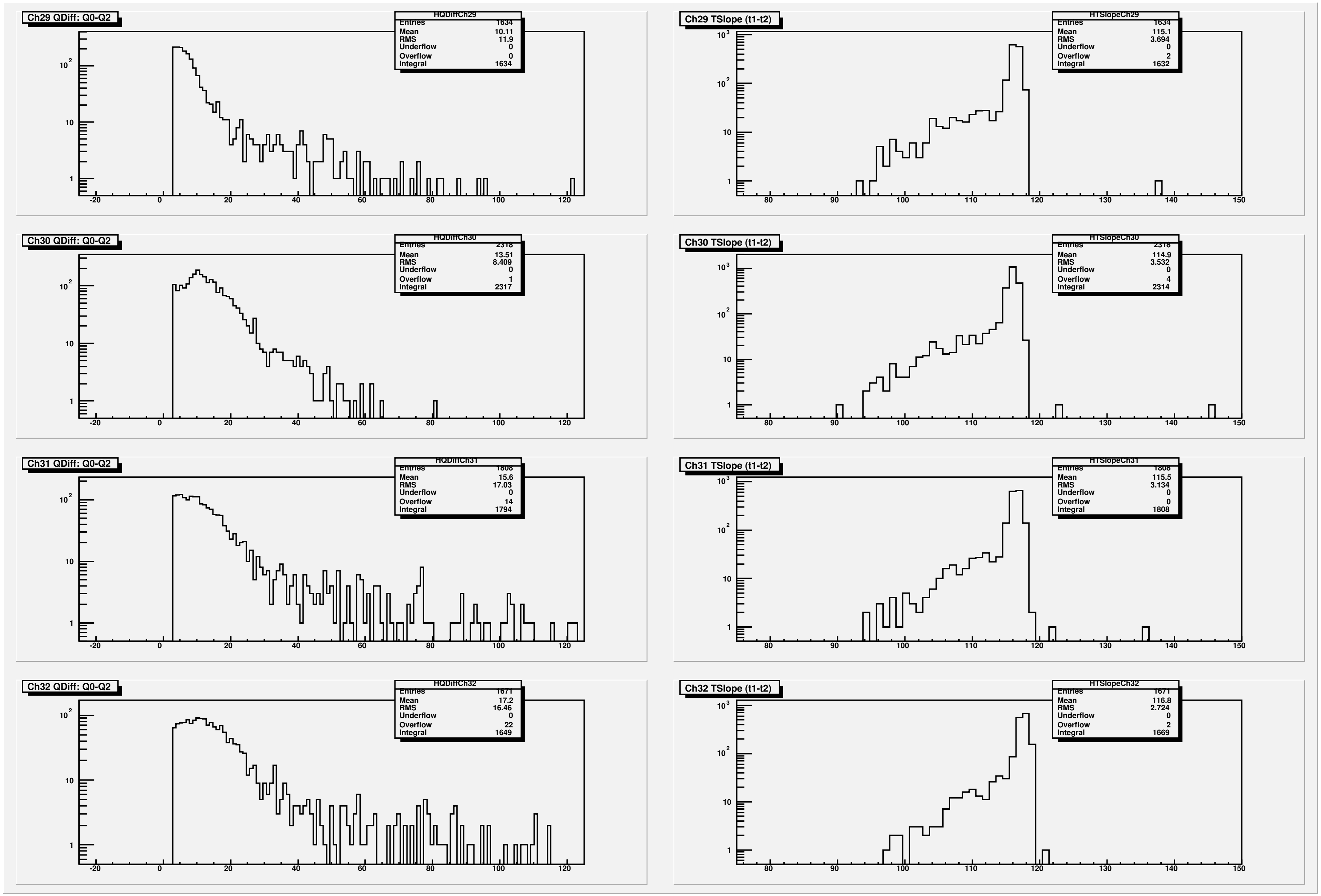

Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 639
Mean 15.06
RMS 19.62
Underflow 0
Overflow 14
Integral 625

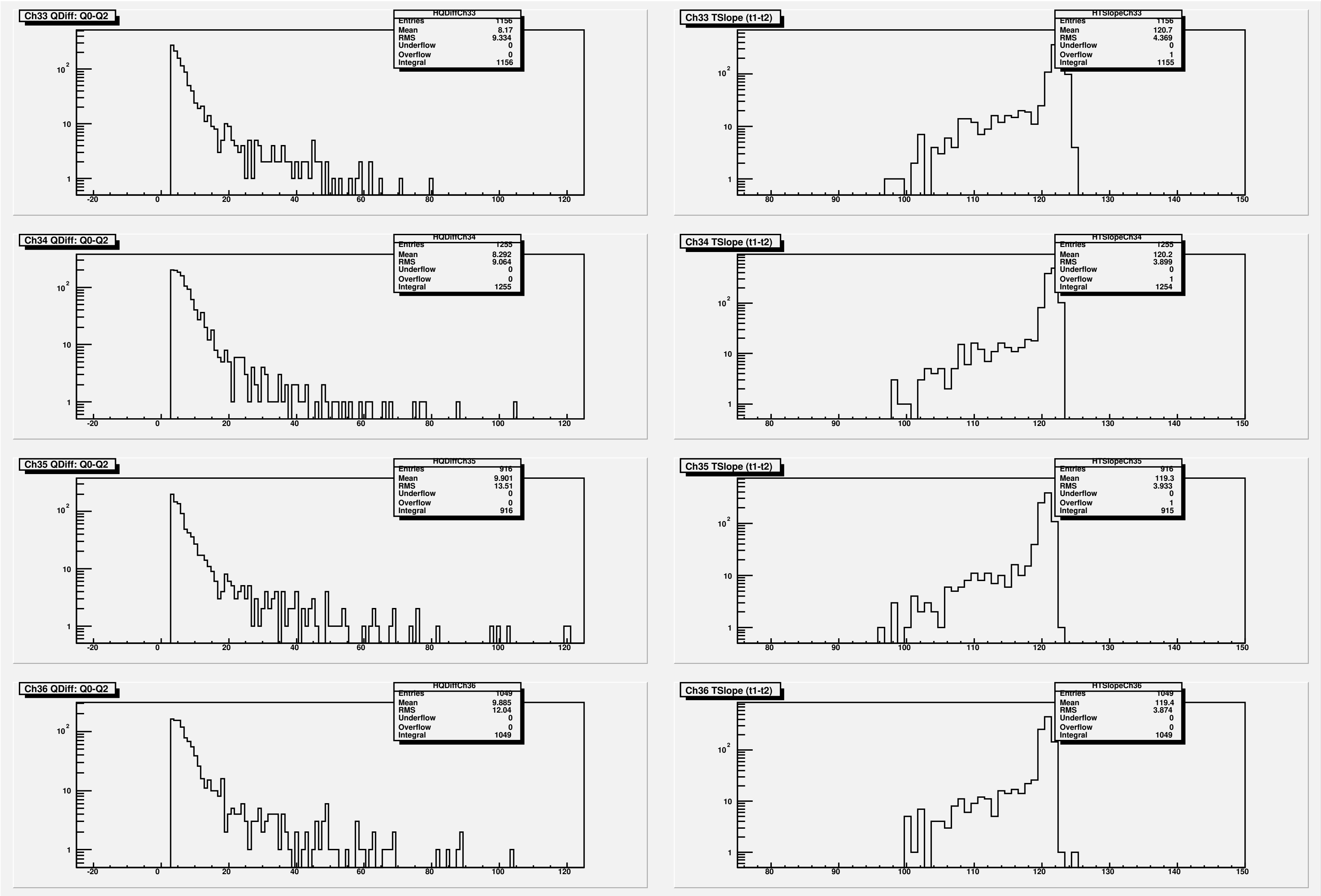

Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 639
Mean 117.6
RMS 8.321
Underflow 0
Overflow 94
Integral 545

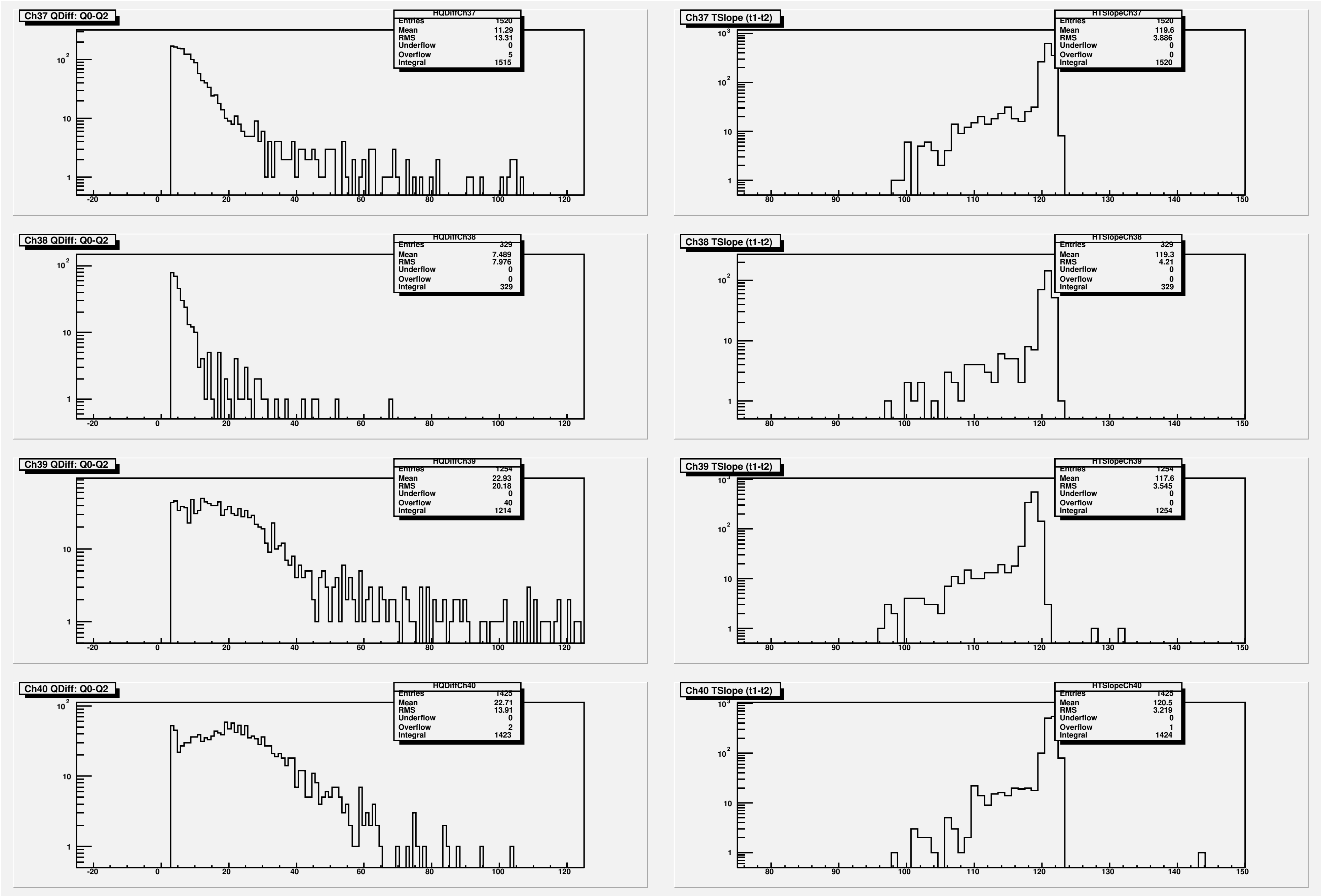

Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 859
Mean 13.14
RMS 16.38
Underflow 0
Overflow 2
Integral 857
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 859
Mean 119.4
RMS 3.954
Underflow 0
Overflow 0
Integral 859
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 723
Mean 7.952
RMS 10.28
Underflow 0
Overflow 0
Integral 723
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 723
Mean 119.3
RMS 4.001
Underflow 0
Overflow 0
Integral 723
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 1393
Mean 19.65
RMS 19.59
Underflow 0
Overflow 35
Integral 1358
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 1393
Mean 119.1
RMS 3.596
Underflow 0
Overflow 0
Integral 1393
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 799
Mean 15.91
RMS 16.7
Underflow 0
Overflow 5
Integral 794
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 799
Mean 118.9
RMS 3.824
Underflow 0
Overflow 1
Integral 798

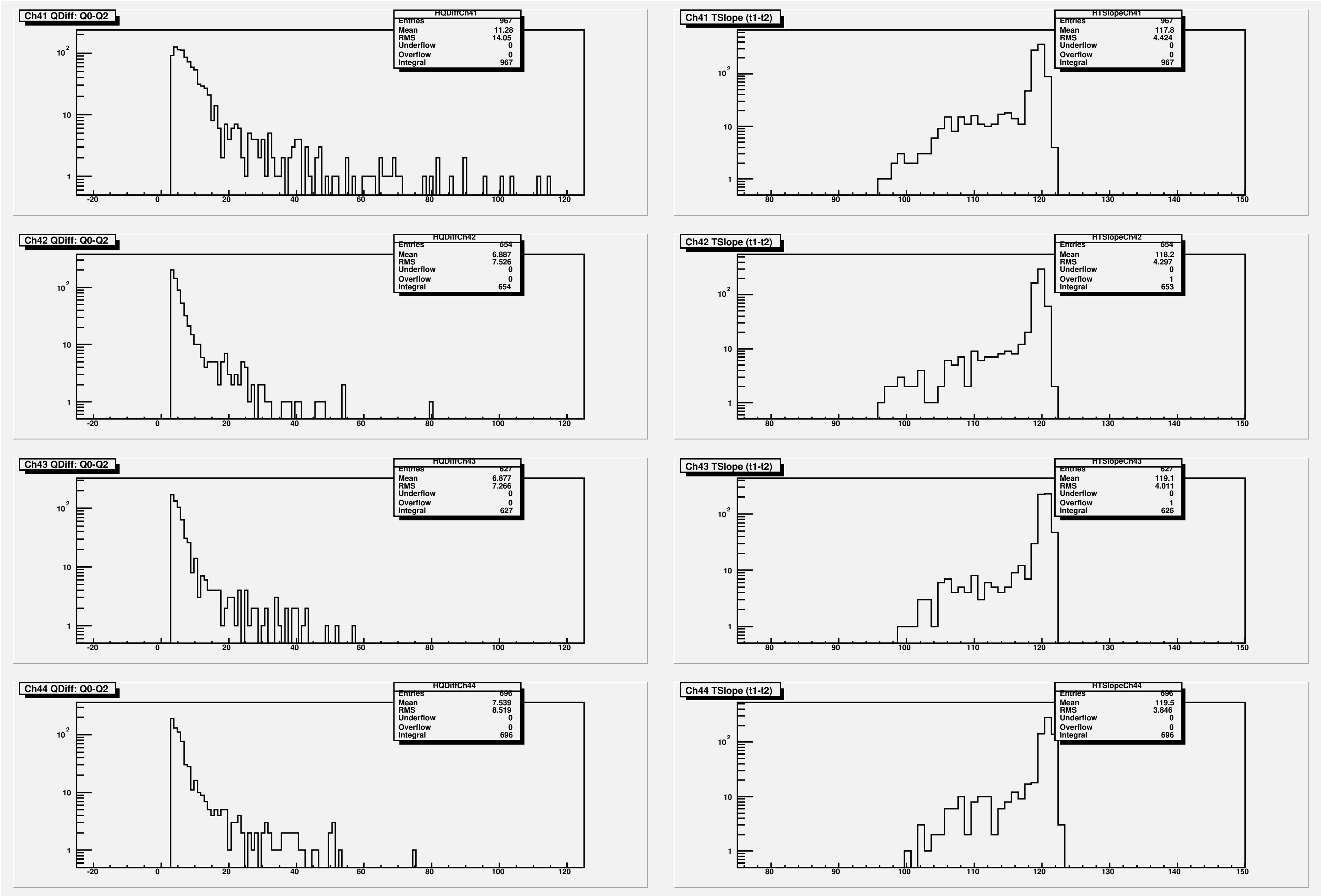

Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 702
Mean 13.57
RMS 14.5
Underflow 0
Overflow 0
Integral 702
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 702
Mean 118.9
RMS 4.201
Underflow 0
Overflow 1
Integral 701
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 1000
Mean 18.82
RMS 17.67
Underflow 0
Overflow 32
Integral 968
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 1000
Mean 118.5
RMS 3.305
Underflow 0
Overflow 0
Integral 1000
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 843
Mean 20.48
RMS 18.56
Underflow 0
Overflow 27
Integral 816
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 843
Mean 118.1
RMS 3.21
Underflow 0
Overflow 1
Integral 842
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 882
Mean 18.68
RMS 16.86
Underflow 0
Overflow 28
Integral 854
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 882
Mean 119.5
RMS 3.266
Underflow 0
Overflow 2
Integral 880


Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 99
Mean 4.071
RMS 1.312
Underflow 0
Overflow 0
Integral 99
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 99
Mean 115.6
RMS 4.828
Underflow 0
Overflow 0
Integral 99
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 1960
Mean 21.29
RMS 18.32
Underflow 0
Overflow 59
Integral 1901
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 1960
Mean 115.6
RMS 3.789
Underflow 0
Overflow 1
Integral 1959
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 1333
Mean 11.54
RMS 14.67
Underflow 0
Overflow 2
Integral 1331
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 1333
Mean 118.1
RMS 3.927
Underflow 0
Overflow 2
Integral 1331
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 2353
Mean 18.8
RMS 12.31
Underflow 0
Overflow 0
Integral 2353
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 2353
Mean 115.5
RMS 3.505
Underflow 0
Overflow 0
Integral 2353


Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 1634
Mean 10.11
RMS 11.9
Underflow 0
Overflow 0
Integral 1634
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 1634
Mean 115.1
RMS 3.694
Underflow 0
Overflow 2
Integral 1632
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 2318
Mean 13.51
RMS 8.409
Underflow 0
Overflow 1
Integral 2317
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 2318
Mean 114.9
RMS 3.532
Underflow 0
Overflow 4
Integral 2314
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 1808
Mean 15.6
RMS 17.03
Underflow 0
Overflow 14
Integral 1794
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 1808
Mean 115.5
RMS 3.134
Underflow 0
Overflow 0
Integral 1808
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 1671
Mean 17.2
RMS 16.46
Underflow 0
Overflow 22
Integral 1649
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 1671
Mean 116.8
RMS 2.724
Underflow 0
Overflow 2
Integral 1669


Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 1156
Mean 8.17
RMS 9.334
Underflow 0
Overflow 0
Integral 1156
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 1156
Mean 120.7
RMS 4.369
Underflow 0
Overflow 1
Integral 1155
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 1255
Mean 8.292
RMS 9.064
Underflow 0
Overflow 0
Integral 1255
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 1255
Mean 120.2
RMS 3.899
Underflow 0
Overflow 1
Integral 1254
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 916
Mean 9.901
RMS 13.51
Underflow 0
Overflow 0
Integral 916
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 916
Mean 119.3
RMS 3.933
Underflow 0
Overflow 1
Integral 915
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 1049
Mean 9.885
RMS 12.04
Underflow 0
Overflow 0
Integral 1049
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 1049
Mean 119.4
RMS 3.874
Underflow 0
Overflow 0
Integral 1049


Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 1520
Mean 11.29
RMS 13.31
Underflow 0
Overflow 5
Integral 1515
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 1520
Mean 119.6
RMS 3.886
Underflow 0
Overflow 0
Integral 1520
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 329
Mean 7.489
RMS 7.976
Underflow 0
Overflow 0
Integral 329
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 329
Mean 119.3
RMS 4.21
Underflow 0
Overflow 0
Integral 329
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 1254
Mean 22.93
RMS 20.18
Underflow 0
Overflow 40
Integral 1214
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 1254
Mean 117.6
RMS 3.545
Underflow 0
Overflow 0
Integral 1254
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 1425
Mean 22.71
RMS 13.91
Underflow 0
Overflow 2
Integral 1423
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 1425
Mean 120.5
RMS 3.219
Underflow 0
Overflow 1
Integral 1424


Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 967
Mean 11.28
RMS 14.05
Underflow 0
Overflow 0
Integral 967
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 967
Mean 117.8
RMS 4.424
Underflow 0
Overflow 0
Integral 967
Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 654
Mean 6.887
RMS 7.526
Underflow 0
Overflow 0
Integral 654
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 654
Mean 118.2
RMS 4.297
Underflow 0
Overflow 1
Integral 653
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 627
Mean 6.877
RMS 7.266
Underflow 0
Overflow 0
Integral 627
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 627
Mean 119.1
RMS 4.011
Underflow 0
Overflow 1
Integral 626
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 696
Mean 7.539
RMS 8.519
Underflow 0
Overflow 0
Integral 696
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 696
Mean 119.5
RMS 3.846
Underflow 0
Overflow 0
Integral 696