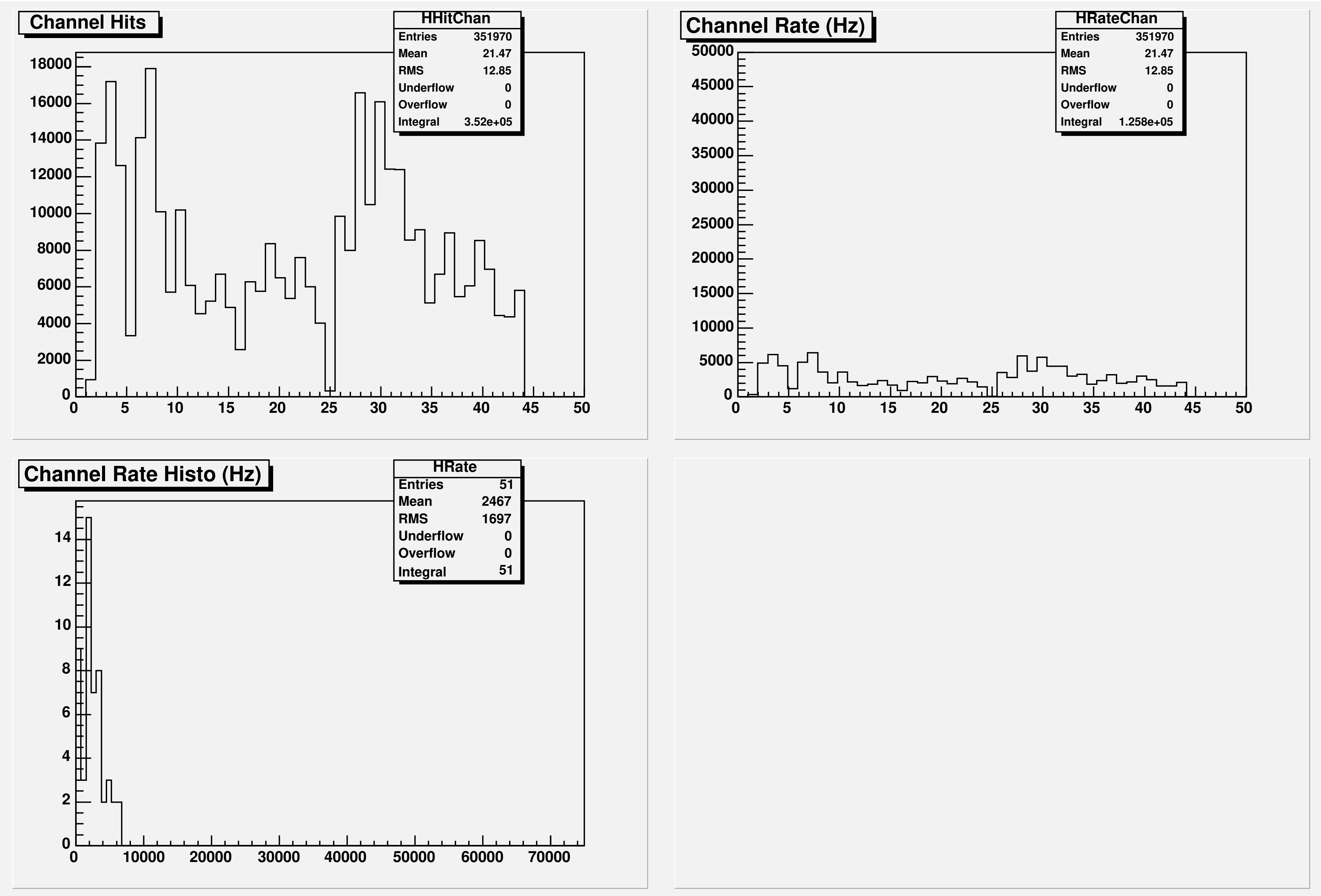
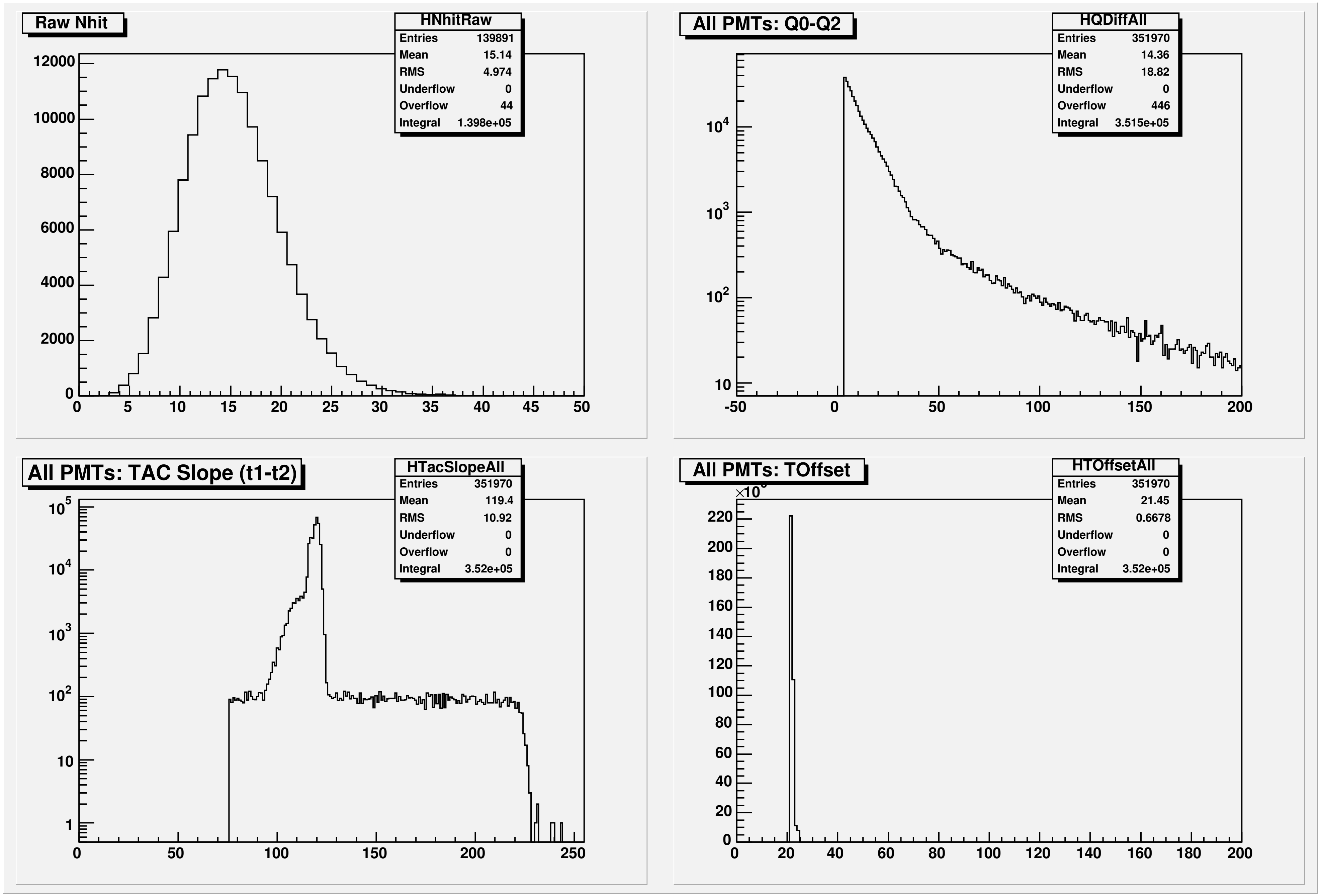
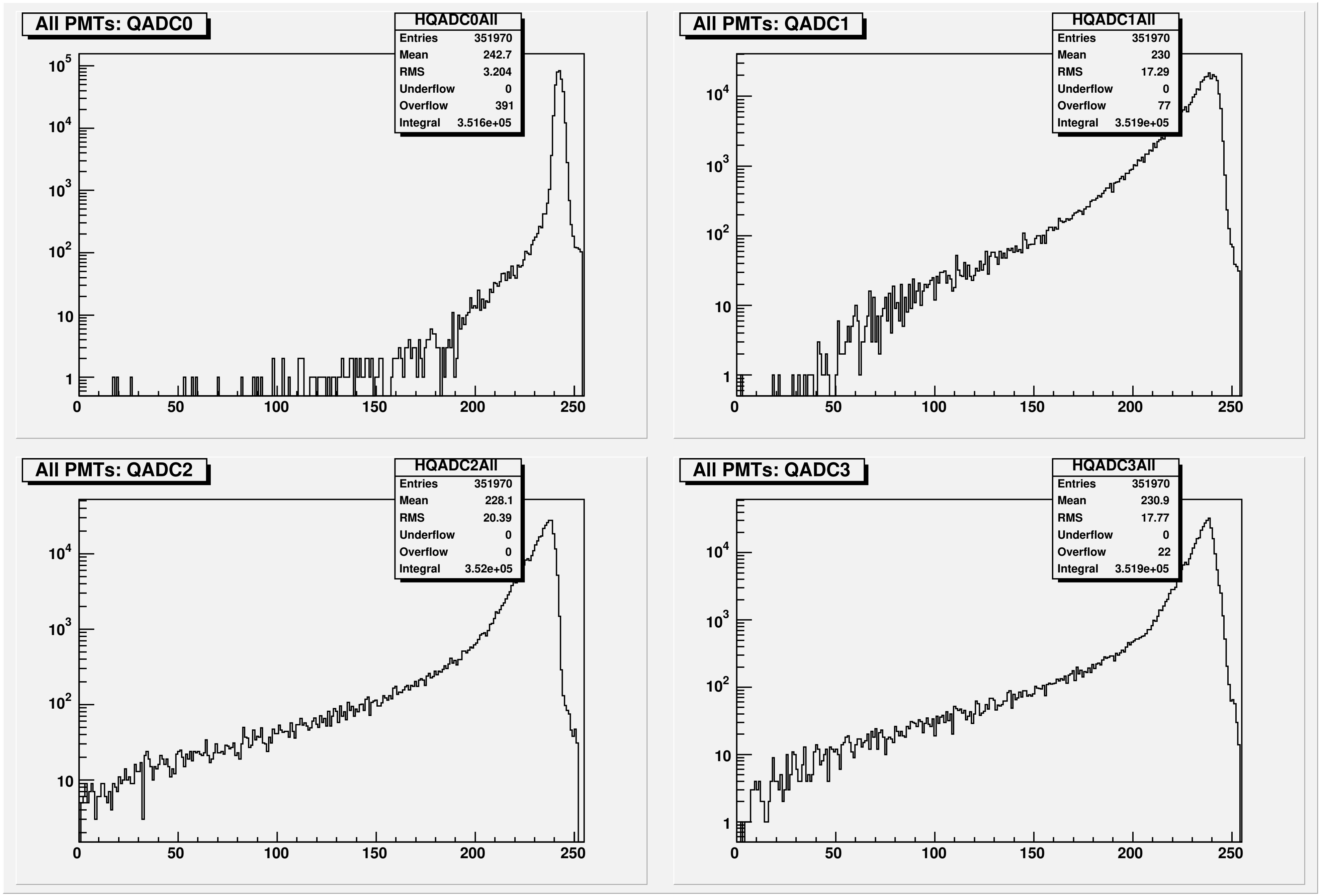
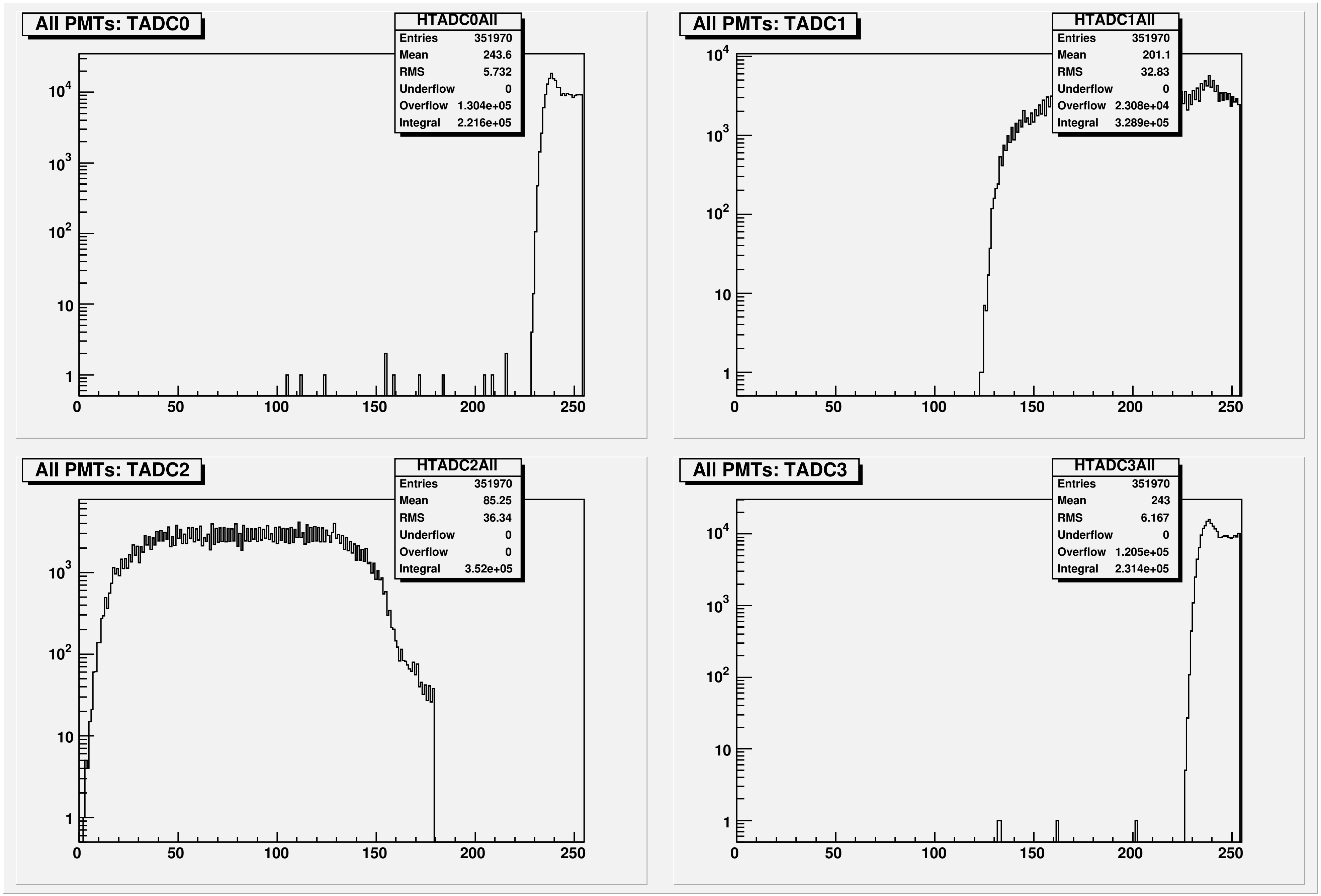
RUN: VlandUnCal Run11488 LEDTCut-QCut

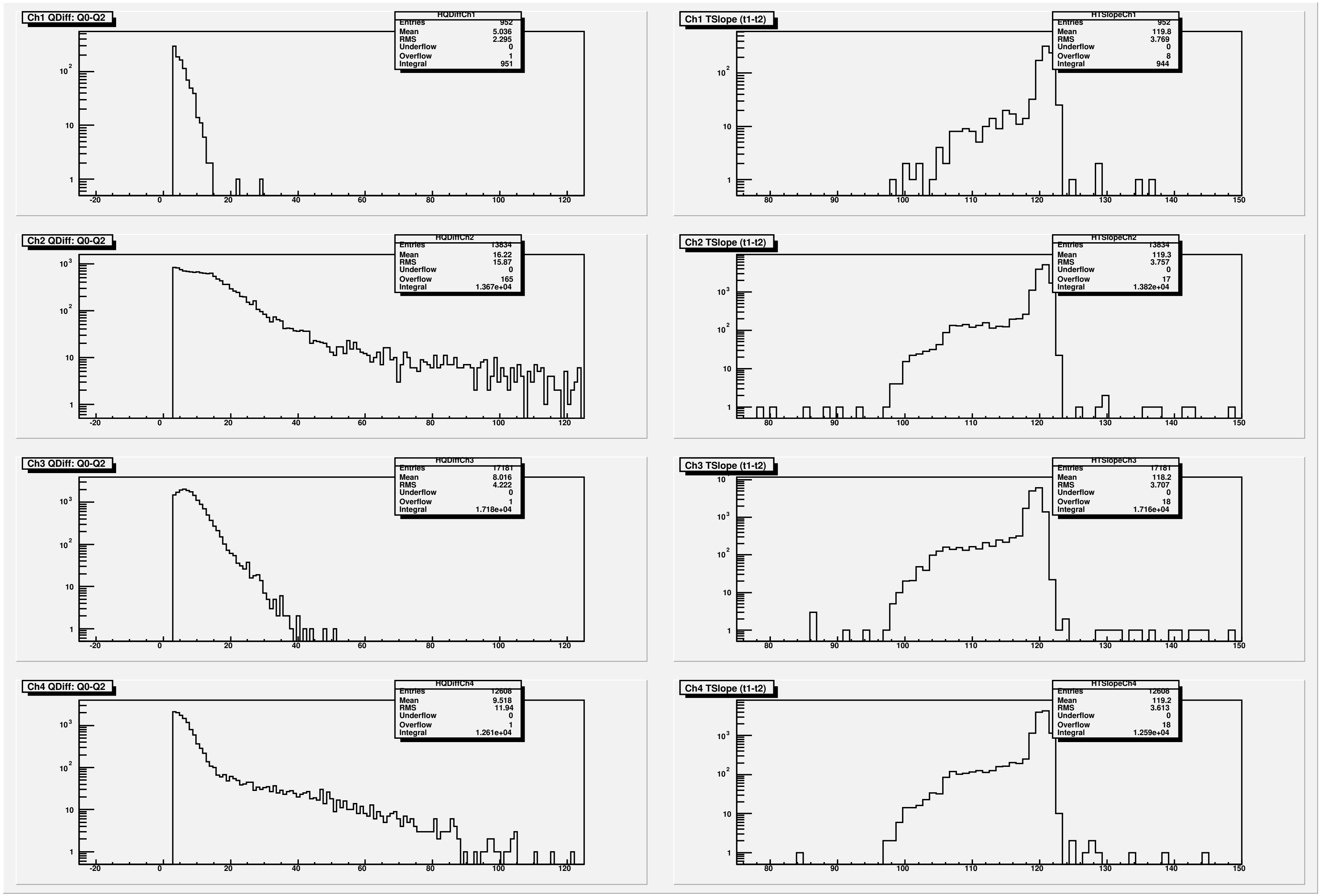

Channel Hits
HHitChan
Entries 351970
Mean 21.47
RMS 12.85
Underflow 0
Overflow 0
Integral 3.52e+05
Channel Rate (Hz)
HRateChan
Entries 351970
Mean 21.47
RMS 12.85
Underflow 0
Overflow 0
Integral 1.258e+05
Channel Rate Histo (Hz)
HRate
Entries 51
Mean 2467
RMS 1697
Underflow 0
Overflow 0
Integral 51

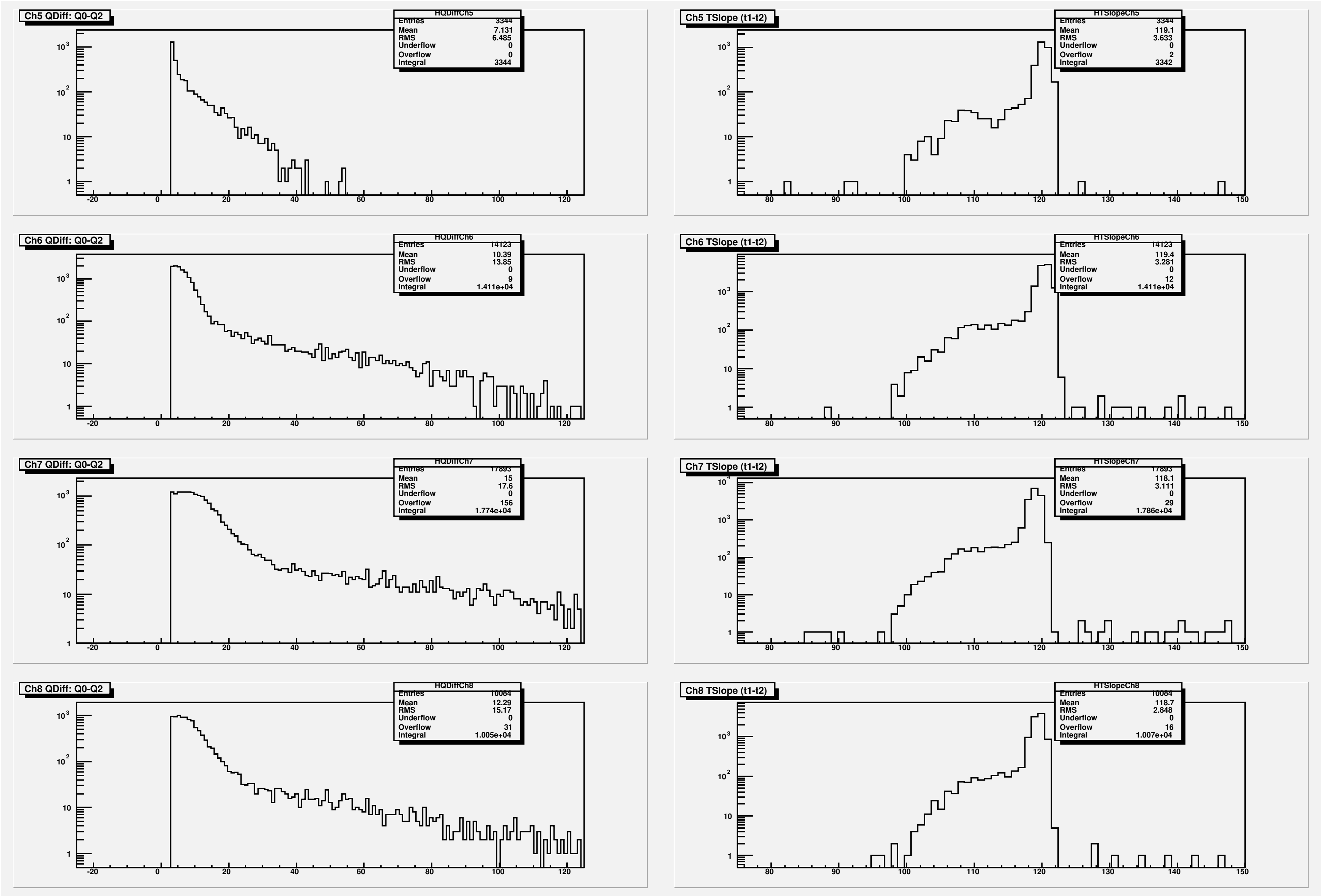


Raw Nhit
HNhitRaw
Entries 139891
Mean 15.14
RMS 4.974
Underflow 0
Overflow 44
Integral 1.398e+05
All PMTs: Q0-Q2
HQDiffAll
Entries 351970
Mean 14.36
RMS 18.82
Underflow 0
Overflow 446
Integral 3.515e+05
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 351970
Mean 119.4
RMS 10.92
Underflow 0
Overflow 0
Integral 3.52e+05
All PMTs: TOffset
HTOffsetAll
Entries 351970
Mean 21.45
RMS 0.6678
Underflow 0
Overflow 0
Integral 3.52e+05

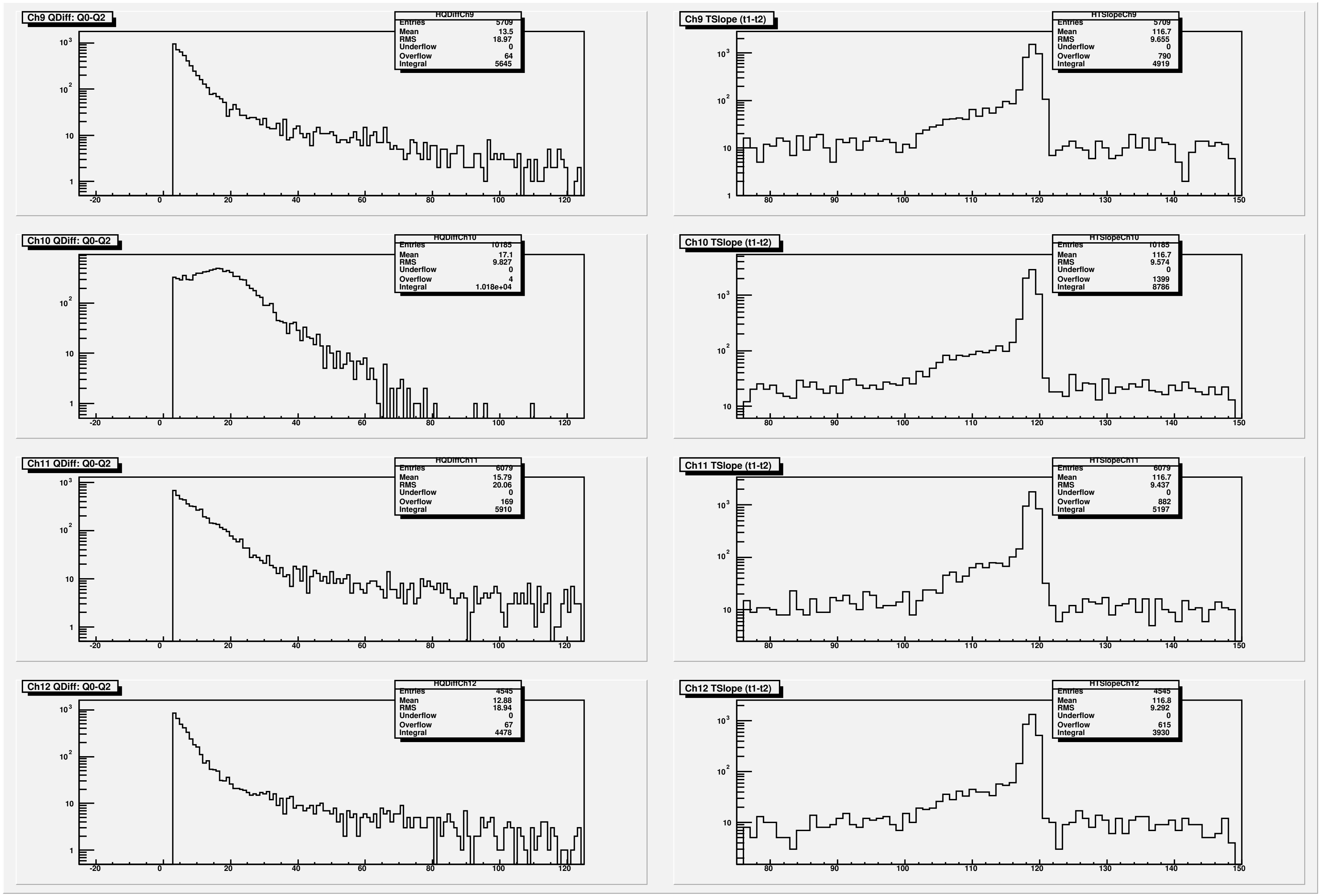

All PMTs: QADC0
HQADC0All
Entries 351970
Mean 242.7
RMS 3.204
Underflow 0
Overflow 391
Integral 3.516e+05
All PMTs: QADC1
HQADC1All
Entries 351970
Mean 230
RMS 17.29
Underflow 0
Overflow 77
Integral 3.519e+05
All PMTs: QADC2
HQADC2All
Entries 351970
Mean 228.1
RMS 20.39
Underflow 0
Overflow 0
Integral 3.52e+05
All PMTs: QADC3
HQADC3All
Entries 351970
Mean 230.9
RMS 17.77
Underflow 0
Overflow 22
Integral 3.519e+05
0
50
100
150
200
250
1
10
10^2
10^3
10^4
10^5


All PMTs: TADC0
HTADC0All
Entries 351970
Mean 243.6
RMS 5.732
Underflow 0
Overflow 1.304e+05
Integral 2.216e+05
All PMTs: TADC1
HTADC1All
Entries 351970
Mean 201.1
RMS 32.83
Underflow 0
Overflow 2.308e+04
Integral 3.289e+05
All PMTs: TADC2
HTADC2All
Entries 351970
Mean 85.25
RMS 36.34
Underflow 0
Overflow 0
Integral 3.52e+05
All PMTs: TADC3
HTADC3All
Entries 351970
Mean 243
RMS 6.167
Underflow 0
Overflow 1.205e+05
Integral 2.314e+05

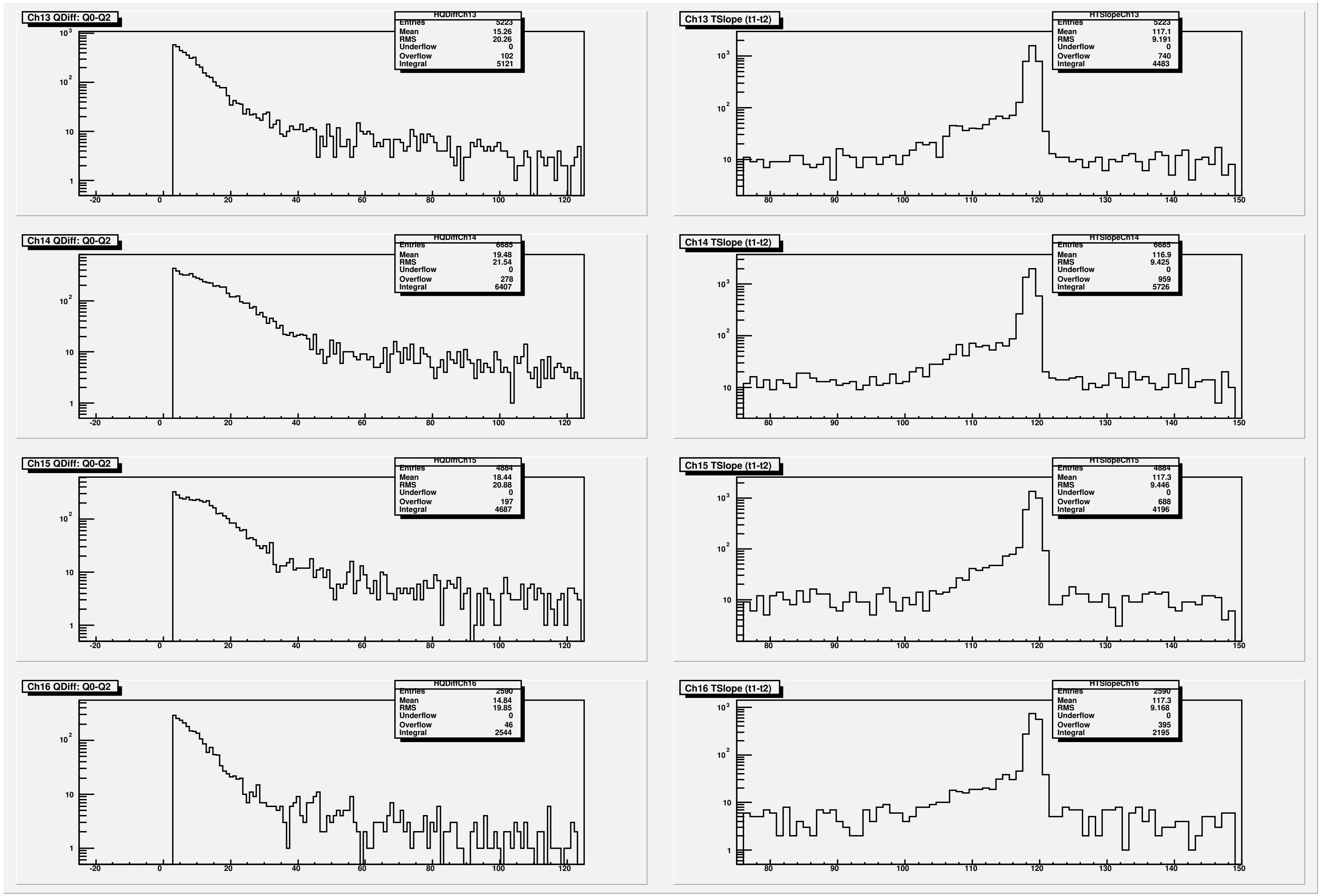

Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 952
Mean 5.036
RMS 2.295
Underflow 0
Overflow 1
Integral 951
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 952
Mean 119.8
RMS 3.769
Underflow 0
Overflow 8
Integral 944
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 13834
Mean 16.22
RMS 15.87
Underflow 0
Overflow 165
Integral 1.367e+04
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 13834
Mean 119.3
RMS 3.757
Underflow 0
Overflow 17
Integral 1.382e+04
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 17181
Mean 8.016
RMS 4.222
Underflow 0
Overflow 1
Integral 1.718e+04
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 17181
Mean 118.2
RMS 3.707
Underflow 0
Overflow 18
Integral 1.716e+04
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 12608
Mean 9.518
RMS 11.94
Underflow 0
Overflow 1
Integral 1.261e+04
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 12608
Mean 119.2
RMS 3.613
Underflow 0
Overflow 18
Integral 1.259e+04



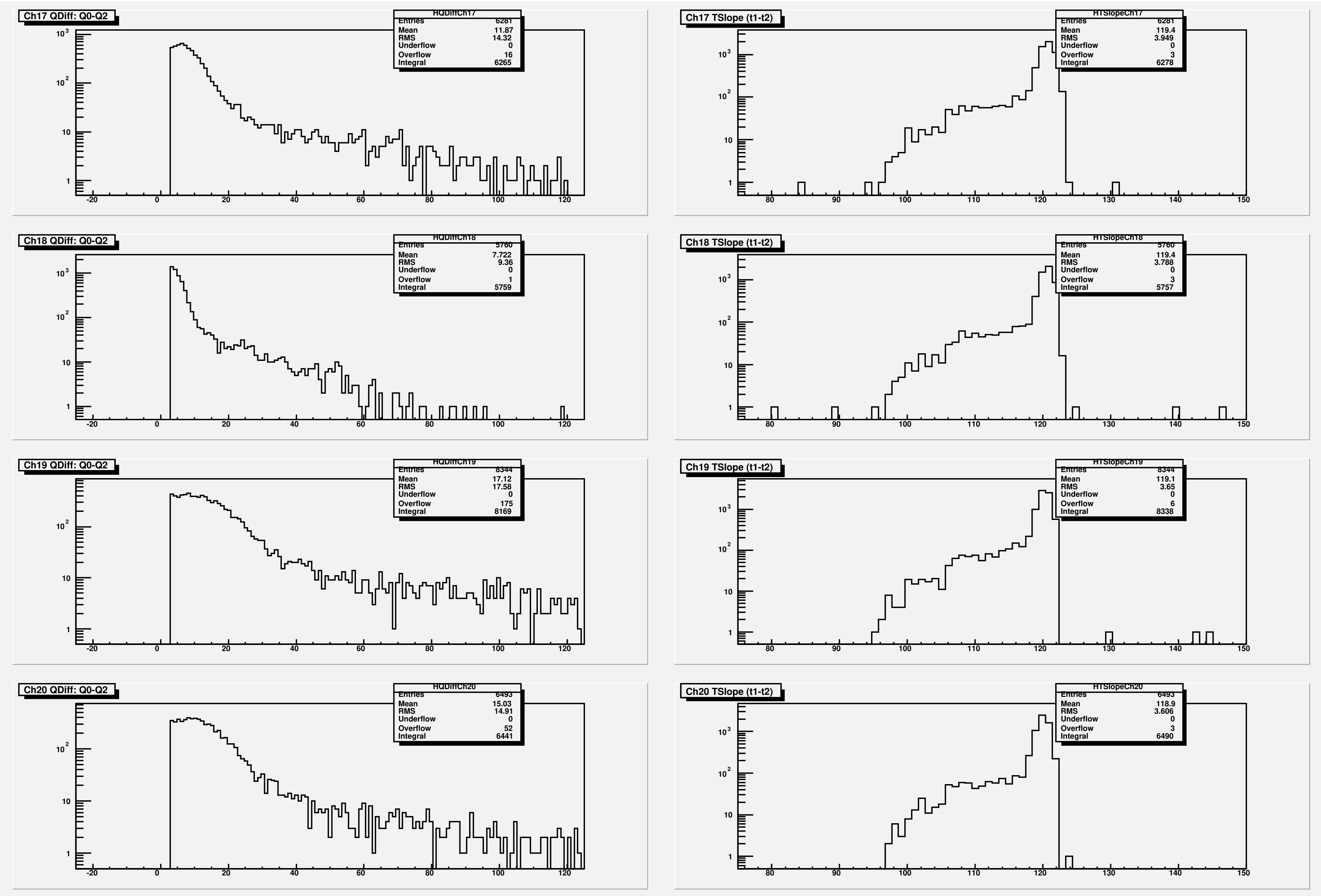
Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 3344
Mean 7.131
RMS 6.485
Underflow 0
Overflow 0
Integral 3344
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 3344
Mean 119.1
RMS 3.633
Underflow 0
Overflow 2
Integral 3342
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 14123
Mean 10.39
RMS 13.85
Underflow 0
Overflow 9
Integral 1.411e+04
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 14123
Mean 119.4
RMS 3.281
Underflow 0
Overflow 12
Integral 1.411e+04
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 17893
Mean 15
RMS 17.6
Underflow 0
Overflow 156
Integral 1.774e+04
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 17893
Mean 118.1
RMS 3.111
Underflow 0
Overflow 29
Integral 1.786e+04
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 10084
Mean 12.29
RMS 15.17
Underflow 0
Overflow 31
Integral 1.005e+04
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 10084
Mean 118.7
RMS 2.848
Underflow 0
Overflow 16
Integral 1.007e+04



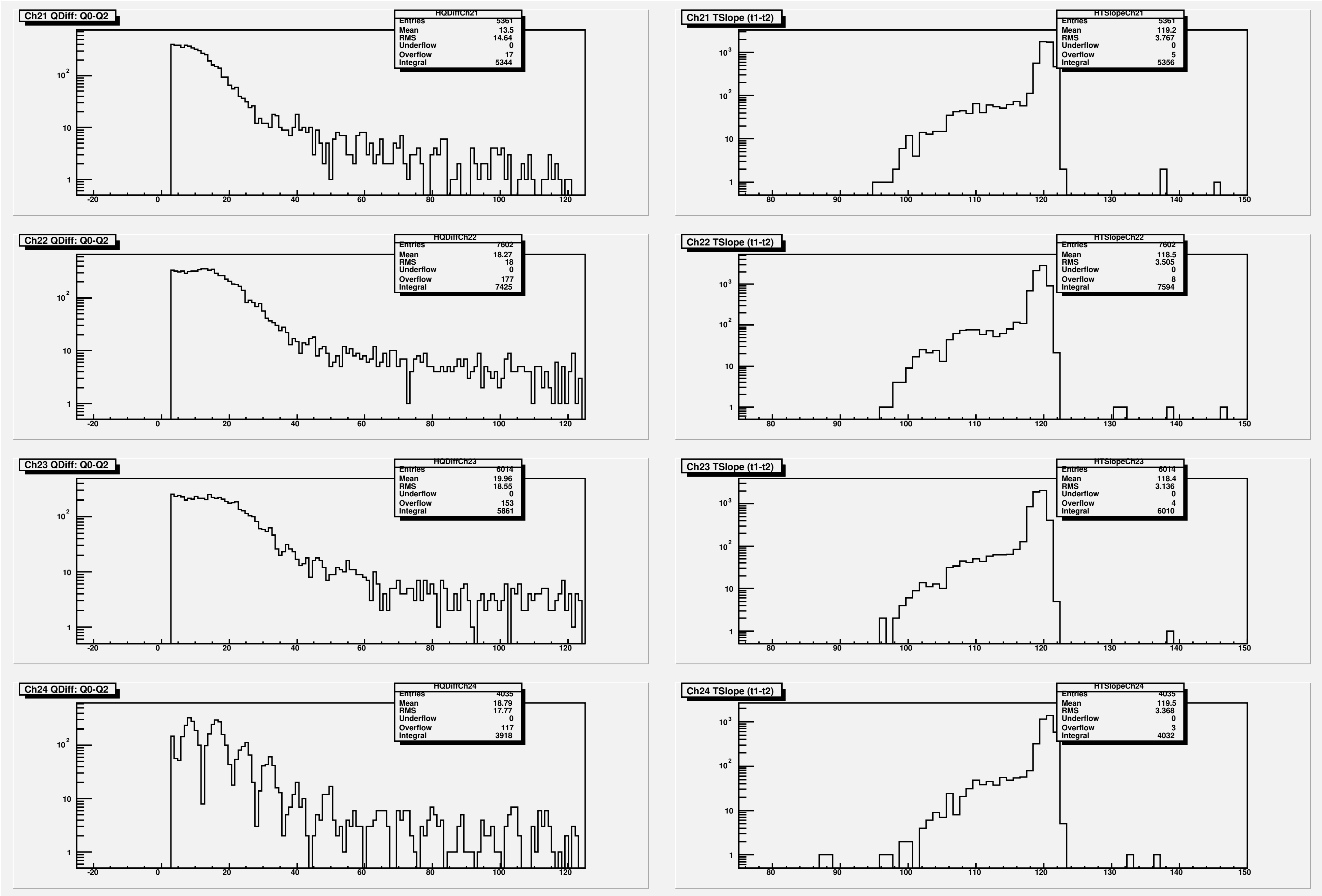
Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 5709
Mean 13.5
RMS 18.97
Underflow 0
Overflow 64
Integral 5645
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 5709
Mean 116.7
RMS 9.655
Underflow 0
Overflow 790
Integral 4919
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 10185
Mean 17.1
RMS 9.827
Underflow 0
Overflow 4
Integral 1.018e+04
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 10185
Mean 116.7
RMS 9.574
Underflow 0
Overflow 1399
Integral 8786
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 6079
Mean 15.79
RMS 20.06
Underflow 0
Overflow 169
Integral 5910
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 6079
Mean 116.7
RMS 9.437
Underflow 0
Overflow 882
Integral 5197
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 4545
Mean 12.88
RMS 18.94
Underflow 0
Overflow 67
Integral 4478
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 4545
Mean 116.8
RMS 9.292
Underflow 0
Overflow 615
Integral 3930



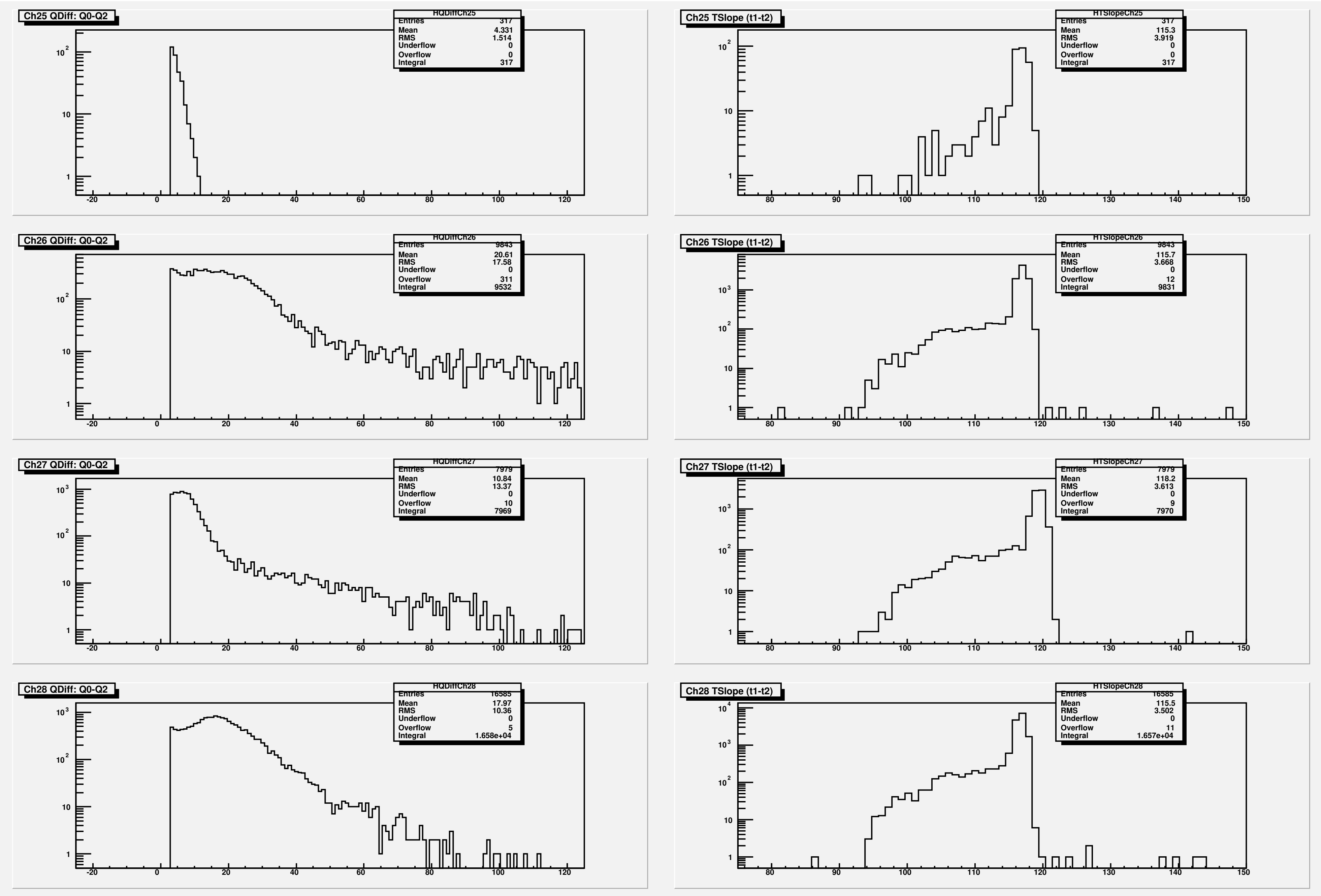
Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 5223
Mean 15.26
RMS 20.26
Underflow 0
Overflow 102
Integral 5121
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 5223
Mean 117.1
RMS 9.191
Underflow 0
Overflow 740
Integral 4483
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 6685
Mean 19.48
RMS 21.54
Underflow 0
Overflow 278
Integral 6407
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 6685
Mean 116.9
RMS 9.425
Underflow 0
Overflow 959
Integral 5726
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 4884
Mean 18.44
RMS 20.88
Underflow 0
Overflow 197
Integral 4687
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 4884
Mean 117.3
RMS 9.446
Underflow 0
Overflow 688
Integral 4196
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 2590
Mean 14.84
RMS 19.85
Underflow 0
Overflow 46
Integral 2544
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 2590
Mean 117.3
RMS 9.168
Underflow 0
Overflow 395
Integral 2195

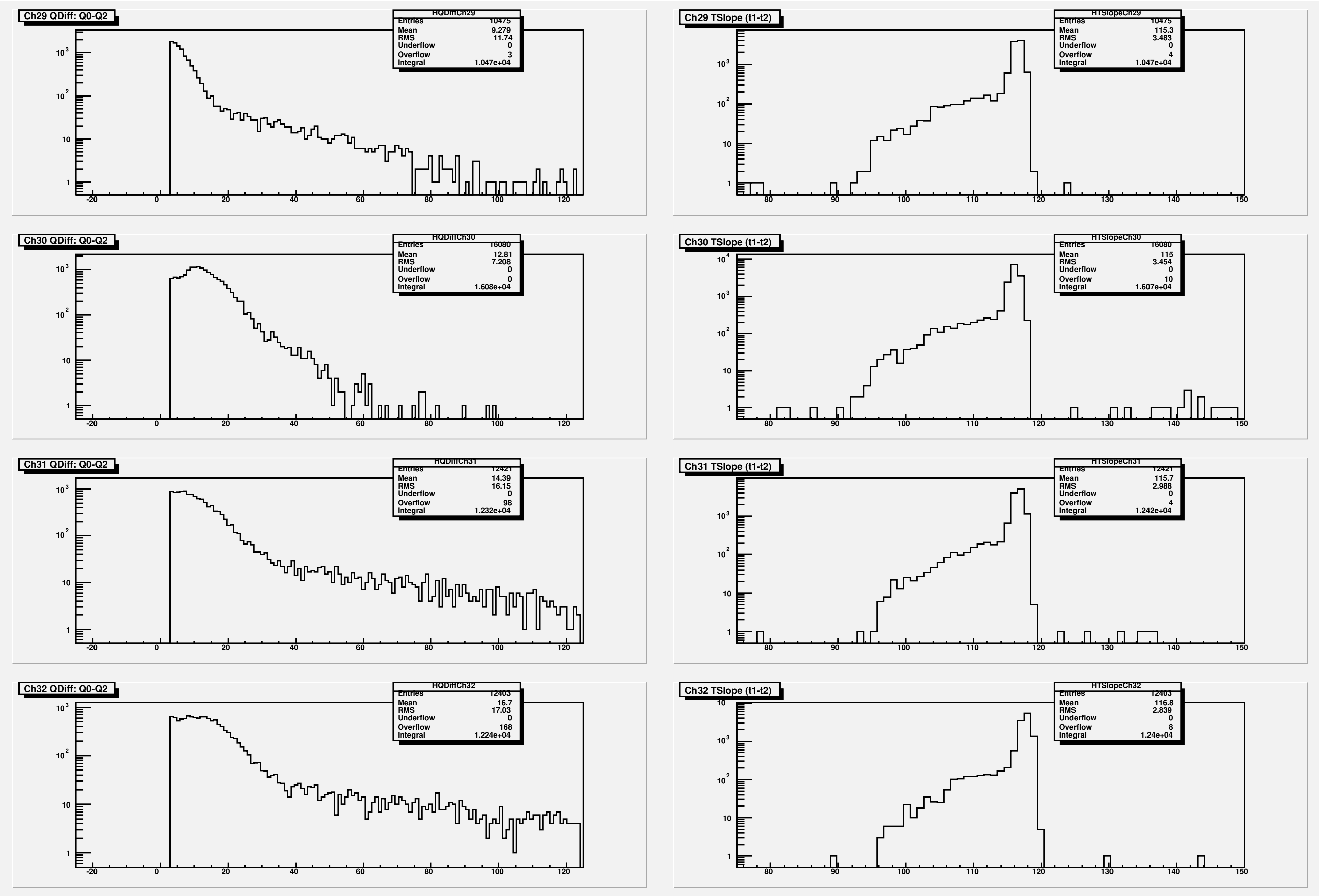


Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 6281
Mean 11.87
RMS 14.32
Underflow 0
Overflow 16
Integral 6265
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 6281
Mean 119.4
RMS 3.949
Underflow 0
Overflow 3
Integral 6278
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 5760
Mean 7.722
RMS 9.36
Underflow 0
Overflow 1
Integral 5759
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 5760
Mean 119.4
RMS 3.788
Underflow 0
Overflow 3
Integral 5757
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 8344
Mean 17.12
RMS 17.58
Underflow 0
Overflow 175
Integral 8169
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 8344
Mean 119.1
RMS 3.65
Underflow 0
Overflow 6
Integral 8338
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 6493
Mean 15.03
RMS 14.91
Underflow 0
Overflow 52
Integral 6441
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 6493
Mean 118.9
RMS 3.606
Underflow 0
Overflow 3
Integral 6490

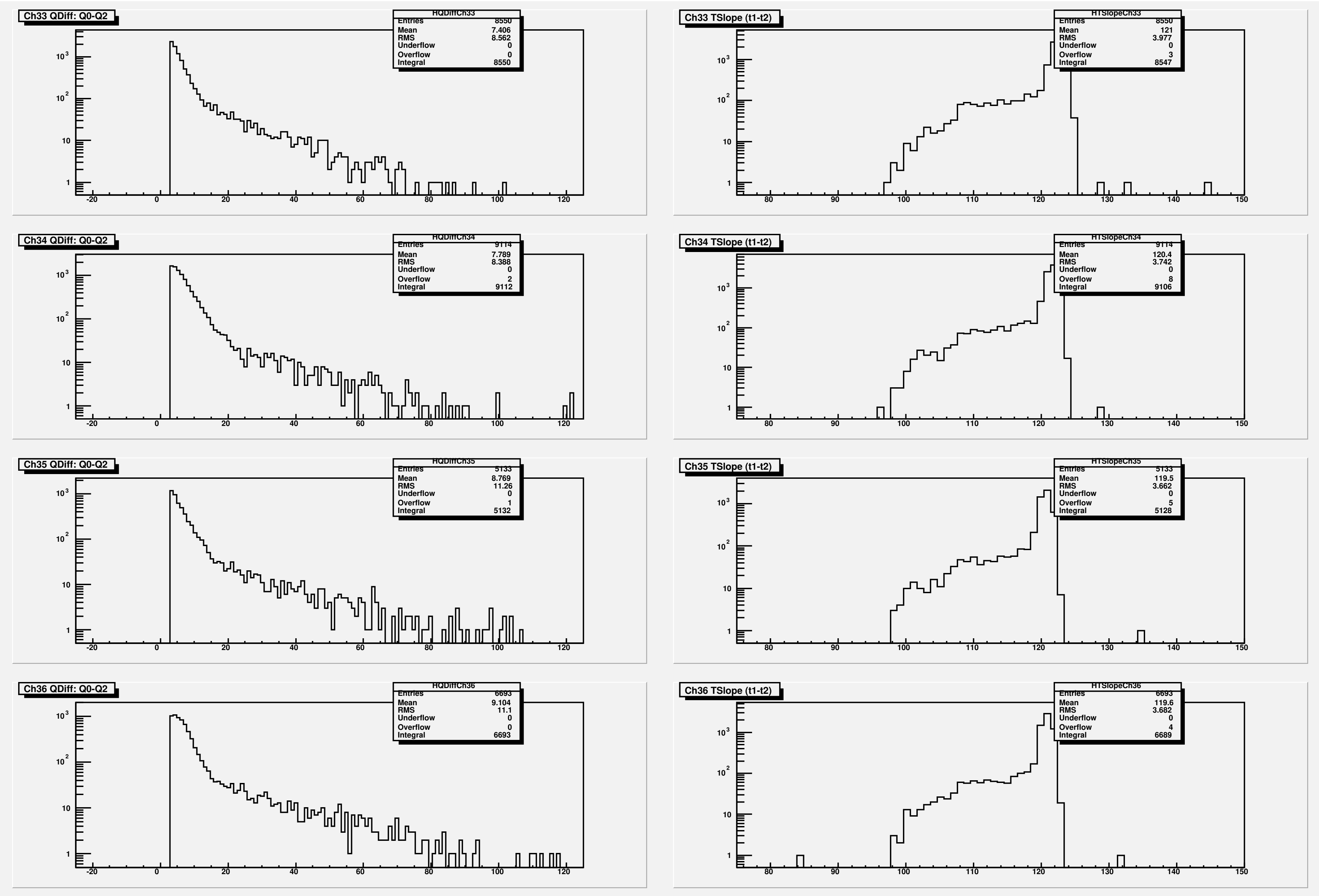


Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 5361
Mean 13.5
RMS 14.64
Underflow 0
Overflow 17
Integral 5344
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 5361
Mean 119.2
RMS 3.767
Underflow 0
Overflow 5
Integral 5356
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 7602
Mean 18.27
RMS 18
Underflow 0
Overflow 177
Integral 7425
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 7602
Mean 118.5
RMS 3.505
Underflow 0
Overflow 8
Integral 7594
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 6014
Mean 19.96
RMS 18.55
Underflow 0
Overflow 153
Integral 5861
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 6014
Mean 118.4
RMS 3.136
Underflow 0
Overflow 4
Integral 6010
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 4035
Mean 18.79
RMS 17.77
Underflow 0
Overflow 117
Integral 3918
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 4035
Mean 119.5
RMS 3.368
Underflow 0
Overflow 3
Integral 4032

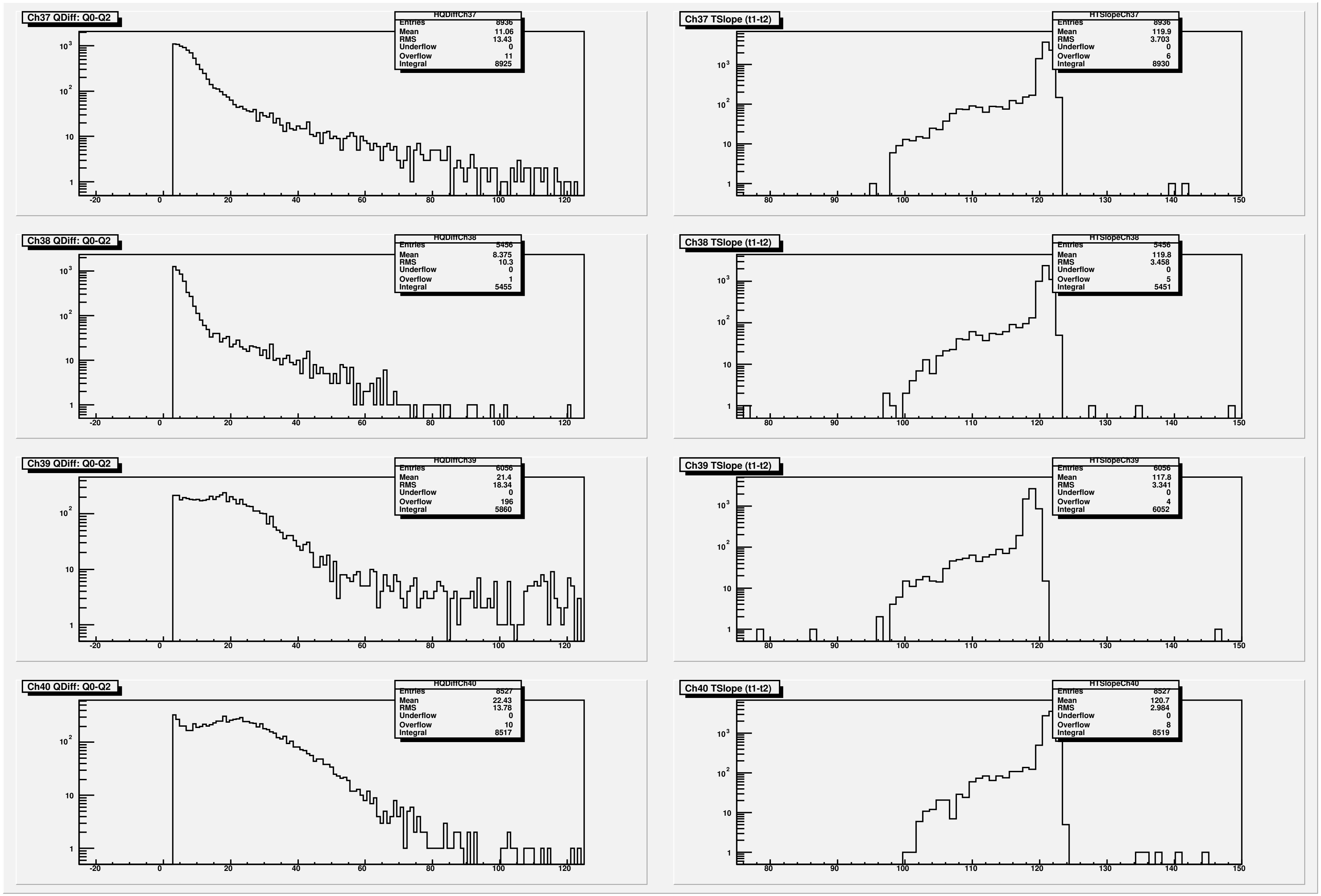

Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 317
Mean 4.331
RMS 1.514
Underflow 0
Overflow 0
Integral 317
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 317
Mean 115.3
RMS 3.919
Underflow 0
Overflow 0
Integral 317
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 9843
Mean 20.61
RMS 17.58
Underflow 0
Overflow 311
Integral 9532
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 9843
Mean 115.7
RMS 3.668
Underflow 0
Overflow 12
Integral 9831
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 7979
Mean 10.84
RMS 13.37
Underflow 0
Overflow 10
Integral 7969
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 7979
Mean 118.2
RMS 3.613
Underflow 0
Overflow 9
Integral 7970
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 16585
Mean 17.97
RMS 10.36
Underflow 0
Overflow 5
Integral 1.658e+04
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 16585
Mean 115.5
RMS 3.502
Underflow 0
Overflow 11
Integral 1.657e+04



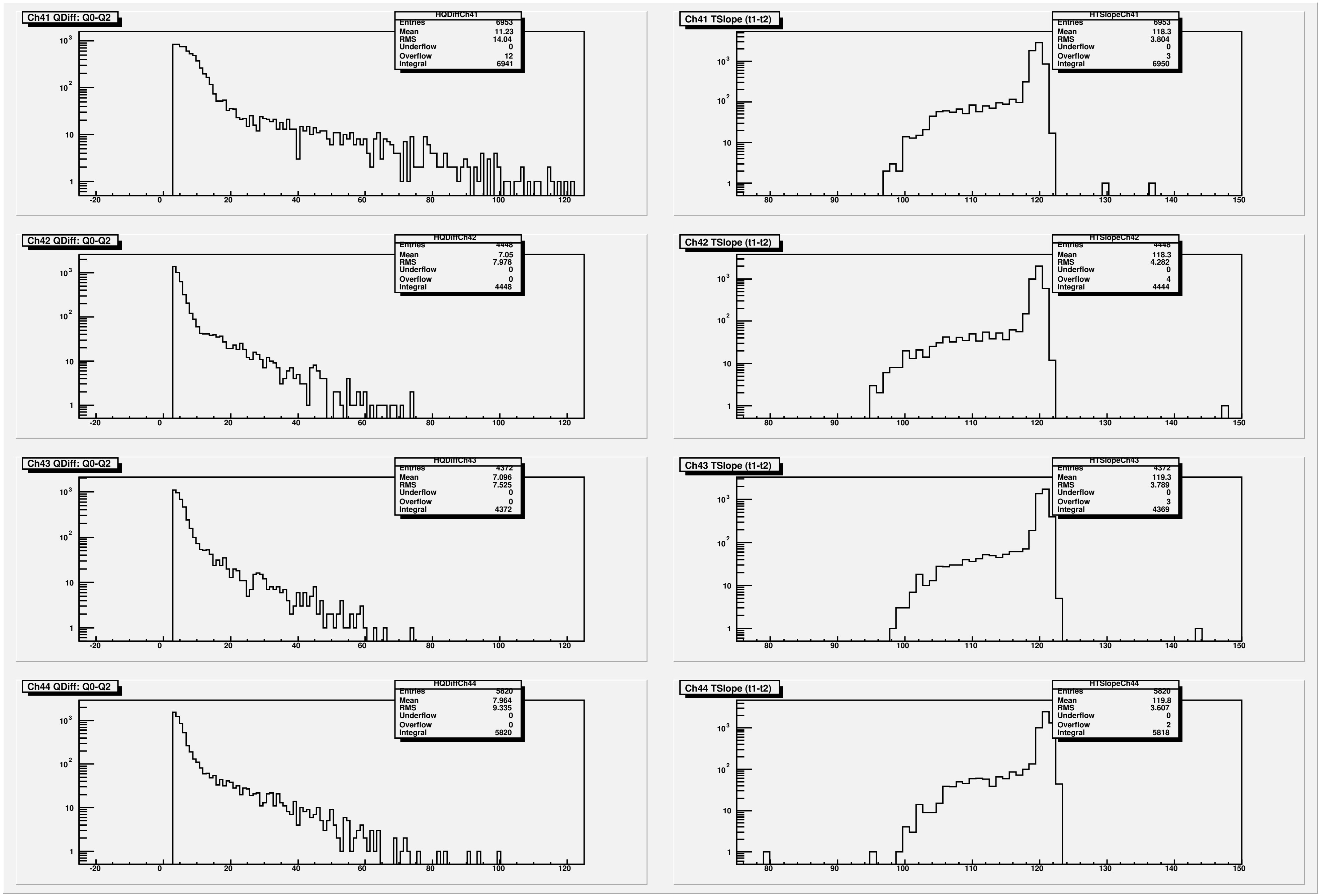
Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 10475
Mean 9.279
RMS 11.74
Underflow 0
Overflow 3
Integral 1.047e+04
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 10475
Mean 115.3
RMS 3.483
Underflow 0
Overflow 4
Integral 1.047e+04
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 16080
Mean 12.81
RMS 7.208
Underflow 0
Overflow 0
Integral 1.608e+04
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 16080
Mean 115
RMS 3.454
Underflow 0
Overflow 10
Integral 1.607e+04
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 12421
Mean 14.39
RMS 16.15
Underflow 0
Overflow 98
Integral 1.232e+04
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 12421
Mean 115.7
RMS 2.988
Underflow 0
Overflow 4
Integral 1.242e+04
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 12403
Mean 16.7
RMS 17.03
Underflow 0
Overflow 168
Integral 1.224e+04
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 12403
Mean 116.8
RMS 2.839
Underflow 0
Overflow 8
Integral 1.24e+04



Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 8550
Mean 7.406
RMS 8.562
Underflow 0
Overflow 0
Integral 8550
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 8550
Mean 121
RMS 3.977
Underflow 0
Overflow 3
Integral 8547
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 9114
Mean 7.789
RMS 8.388
Underflow 0
Overflow 2
Integral 9112
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 9114
Mean 120.4
RMS 3.742
Underflow 0
Overflow 8
Integral 9106
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 5133
Mean 8.769
RMS 11.26
Underflow 0
Overflow 1
Integral 5132
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 5133
Mean 119.5
RMS 3.662
Underflow 0
Overflow 5
Integral 5128
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 6693
Mean 9.104
RMS 11.1
Underflow 0
Overflow 0
Integral 6693
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 6693
Mean 119.6
RMS 3.682
Underflow 0
Overflow 4
Integral 6689



Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 8936
Mean 11.06
RMS 13.43
Underflow 0
Overflow 11
Integral 8925
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 8936
Mean 119.9
RMS 3.703
Underflow 0
Overflow 6
Integral 8930
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 5456
Mean 8.375
RMS 10.3
Underflow 0
Overflow 1
Integral 5455
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 5456
Mean 119.8
RMS 3.458
Underflow 0
Overflow 5
Integral 5451
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 6056
Mean 21.4
RMS 18.34
Underflow 0
Overflow 196
Integral 5860
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 6056
Mean 117.8
RMS 3.341
Underflow 0
Overflow 4
Integral 6052
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 8527
Mean 22.43
RMS 13.78
Underflow 0
Overflow 10
Integral 8517
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 8527
Mean 120.7
RMS 2.984
Underflow 0
Overflow 8
Integral 8519


Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 6953
Mean 11.23
RMS 14.04
Underflow 0
Overflow 12
Integral 6941
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 6953
Mean 118.3
RMS 3.804
Underflow 0
Overflow 3
Integral 6950
Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 4448
Mean 7.05
RMS 7.978
Underflow 0
Overflow 0
Integral 4448
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 4448
Mean 118.3
RMS 4.282
Underflow 0
Overflow 4
Integral 4444
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 4372
Mean 7.096
RMS 7.525
Underflow 0
Overflow 0
Integral 4372
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 4372
Mean 119.3
RMS 3.789
Underflow 0
Overflow 3
Integral 4369
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 5820
Mean 7.964
RMS 9.335
Underflow 0
Overflow 0
Integral 5820
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 5820
Mean 119.8
RMS 3.607
Underflow 0
Overflow 2
Integral 5818