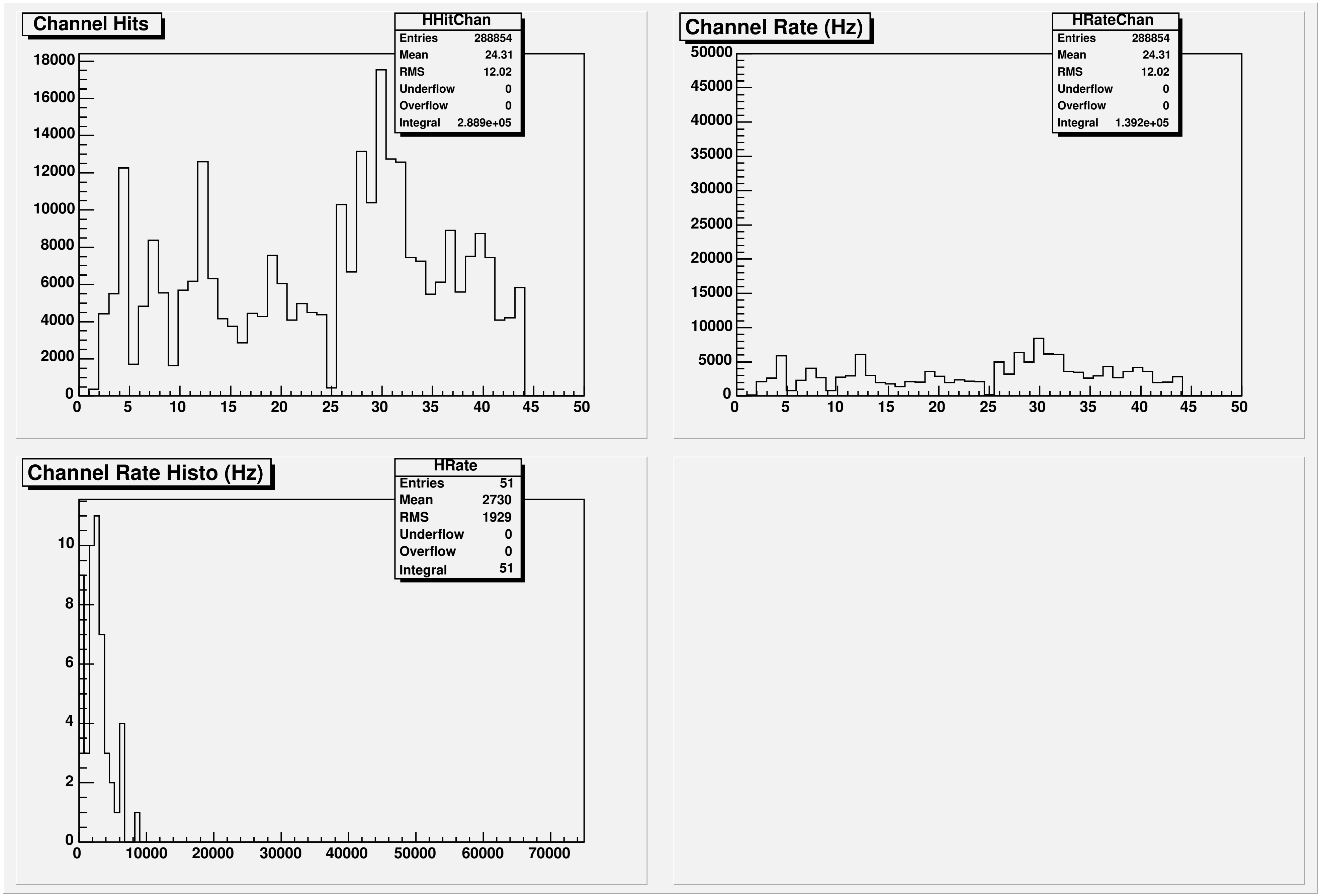
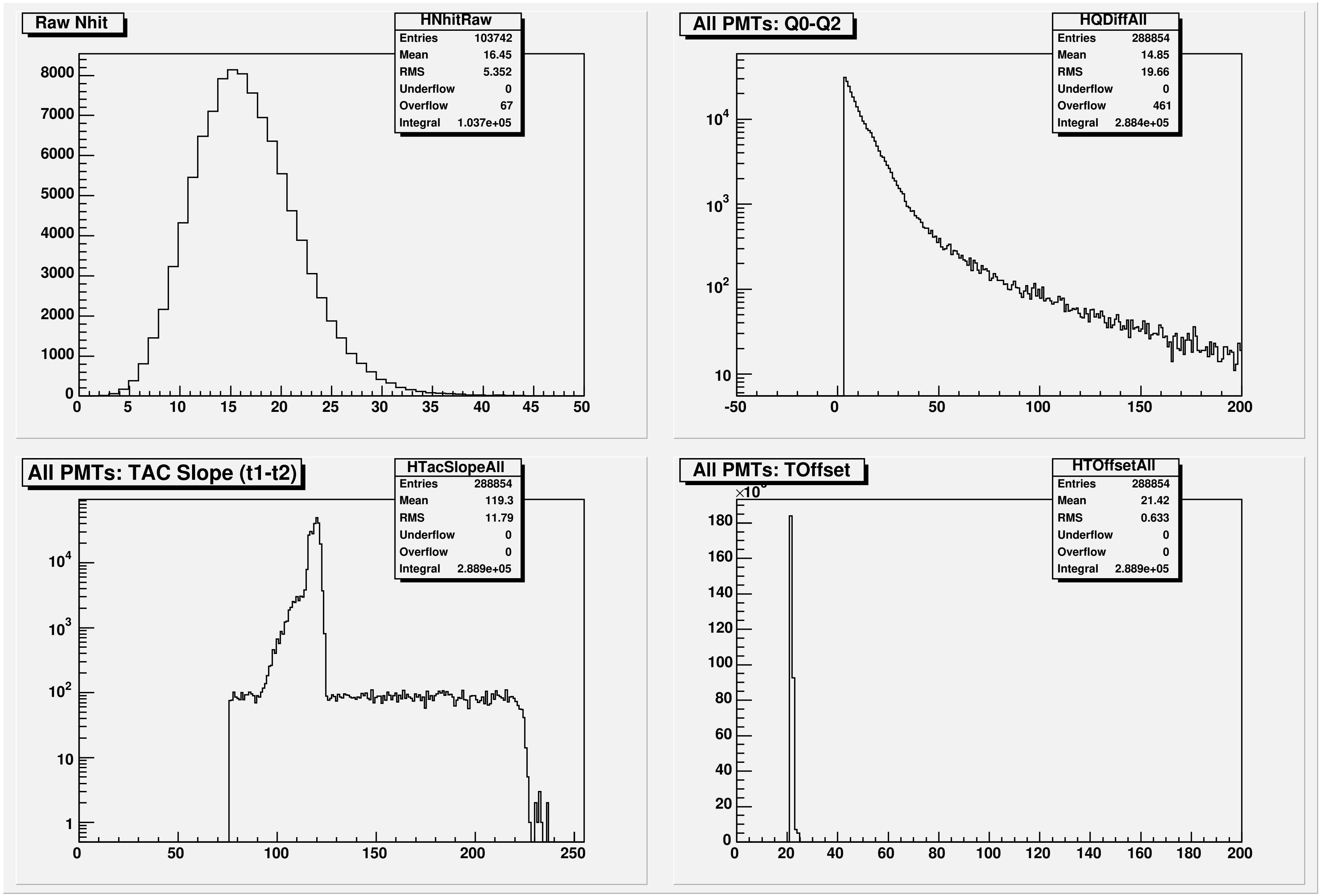
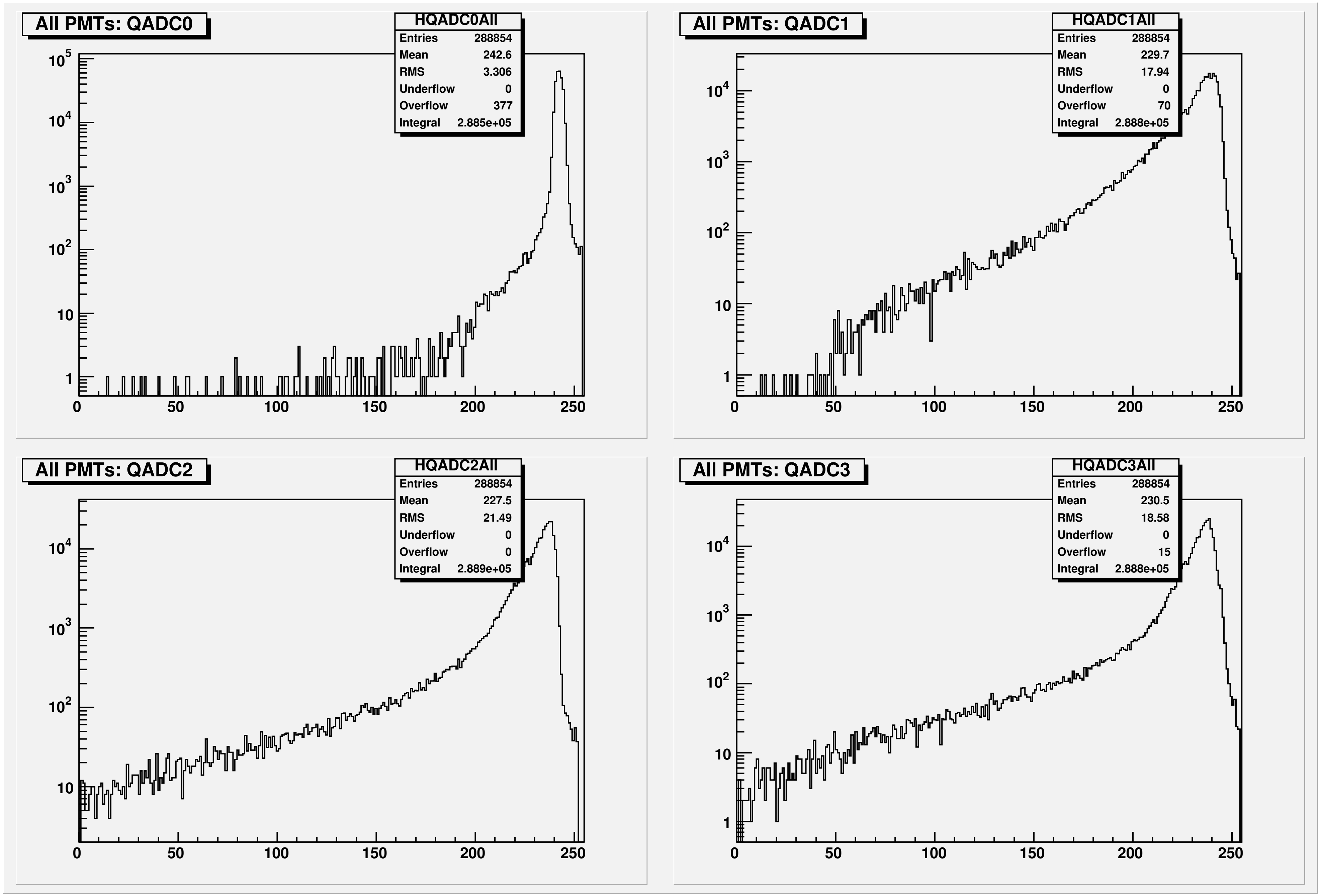
RUN: VlandUnCal Run11486 LEDTCut-QCut

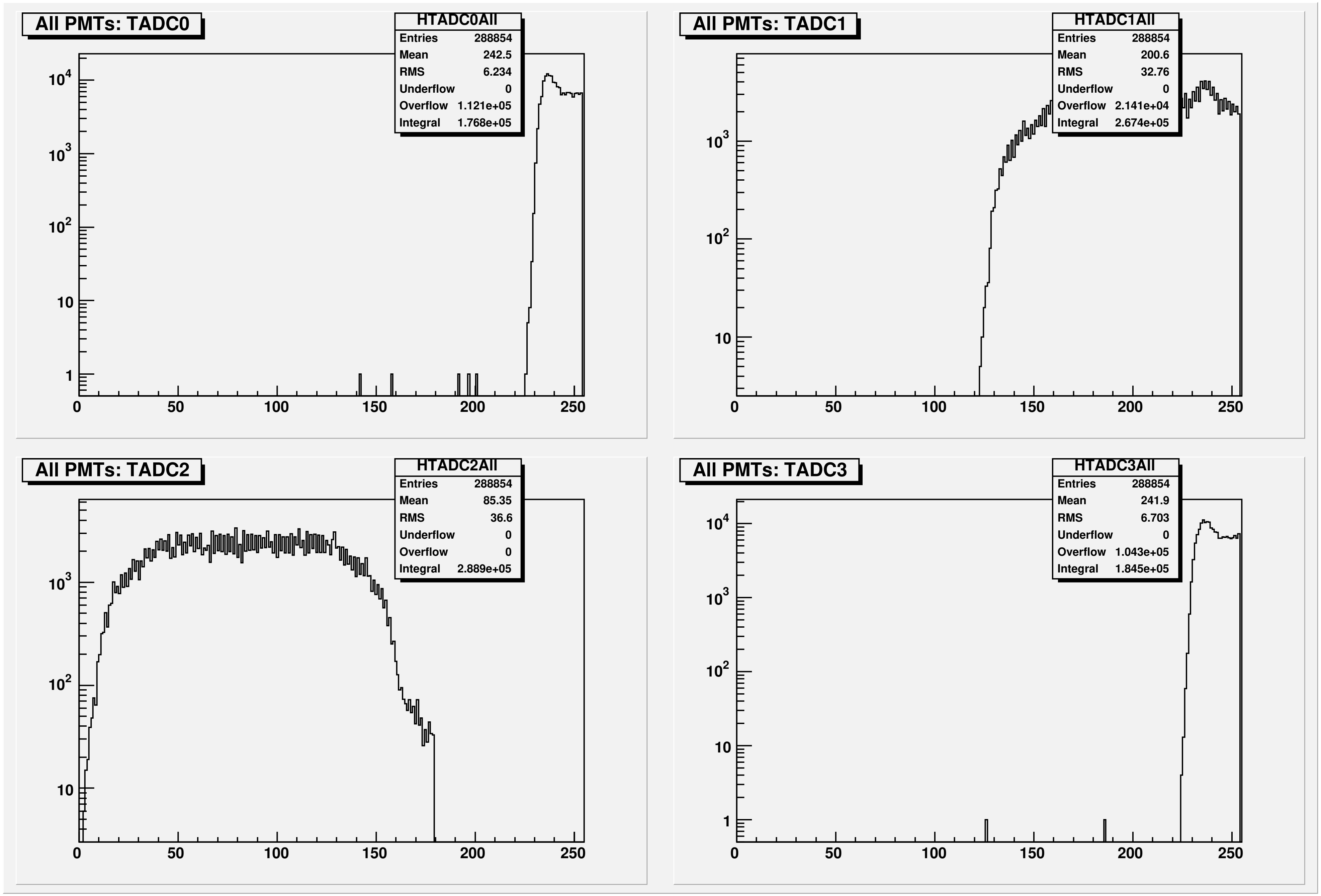

Channel Hits
HHitChan
Entries 288854
Mean 24.31
RMS 12.02
Underflow 0
Overflow 0
Integral 2.889e+05
0 2000 4000 6000 8000 10000 12000 14000 16000 18000
0 5 10 15 20 25 30 35 40 45 50
Channel Rate (Hz)
HRateChan
Entries 288854
Mean 24.31
RMS 12.02
Underflow 0
Overflow 0
Integral 1.392e+05
0 5000 10000 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 2730
RMS 1929
Underflow 0
Overflow 0
Integral 51
0 2 4 6 8 10
0 10000 20000 30000 40000 50000 60000 70000



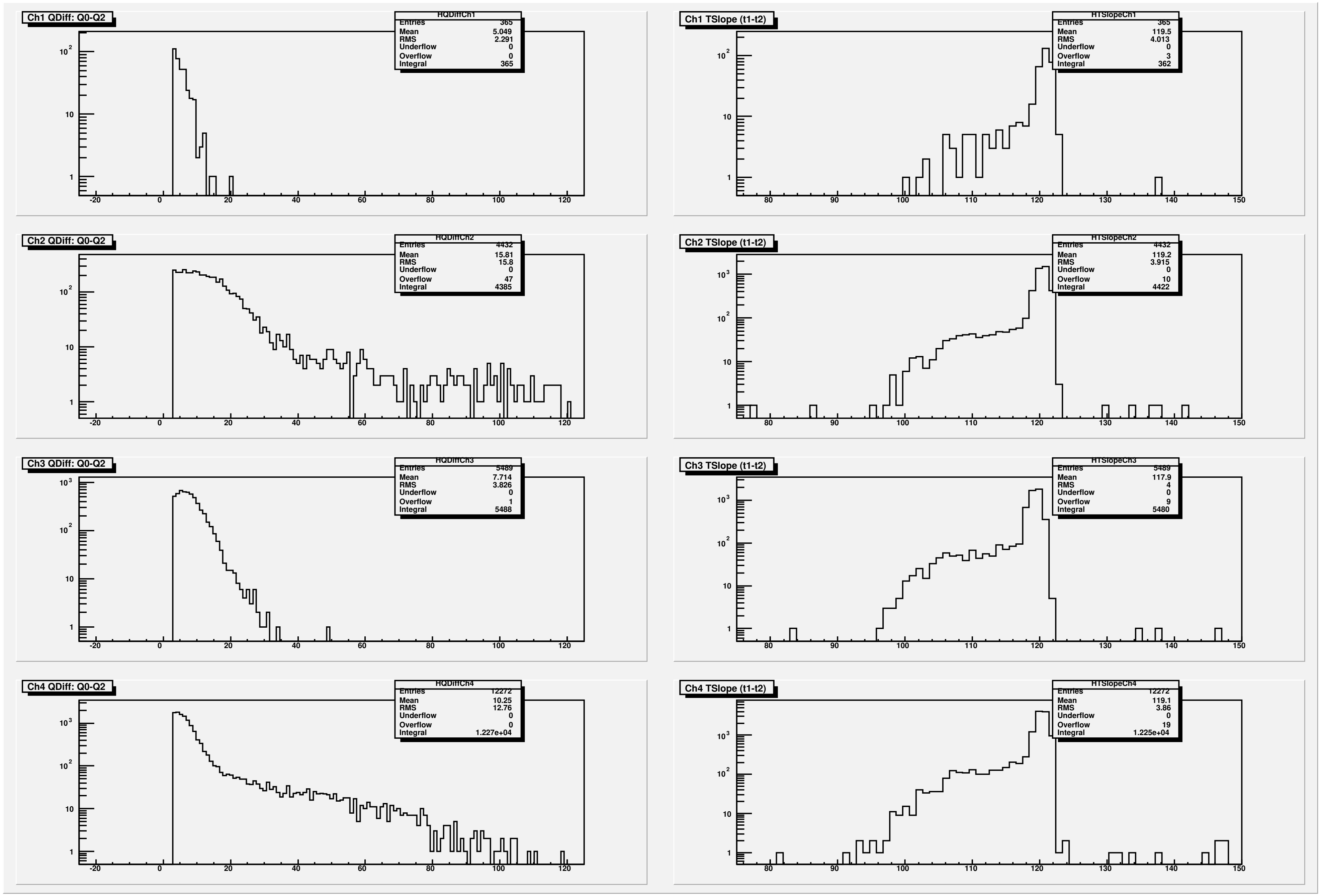
Raw Nhit
HNhitRaw
Entries 103742
Mean 16.45
RMS 5.352
Underflow 0
Overflow 67
Integral 1.037e+05
All PMTs: Q0-Q2
HQDiffAll
Entries 288854
Mean 14.85
RMS 19.66
Underflow 0
Overflow 461
Integral 2.884e+05
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 288854
Mean 119.3
RMS 11.79
Underflow 0
Overflow 0
Integral 2.889e+05
All PMTs: TOffset
HTOffsetAll
Entries 288854
Mean 21.42
RMS 0.633
Underflow 0
Overflow 0
Integral 2.889e+05

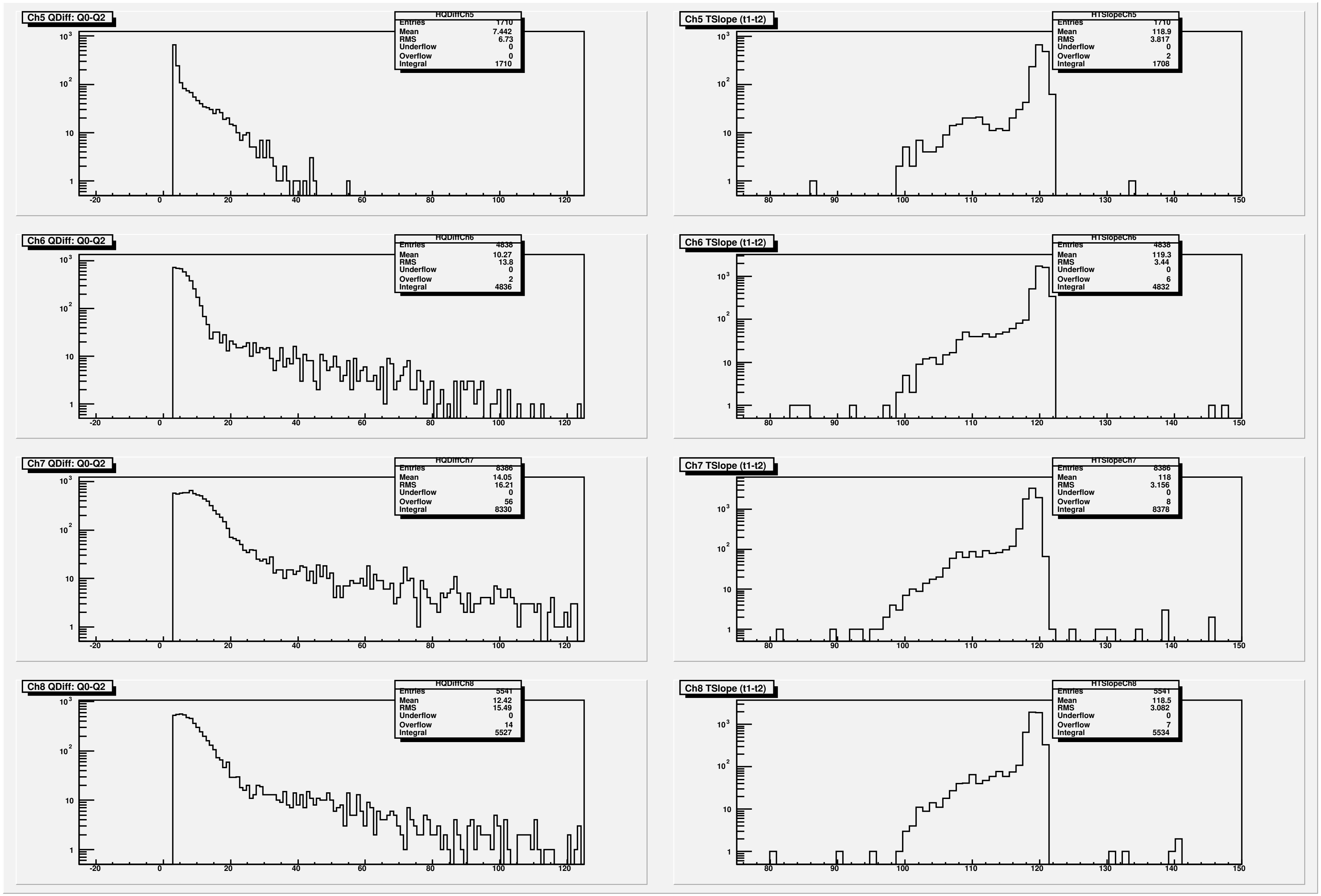


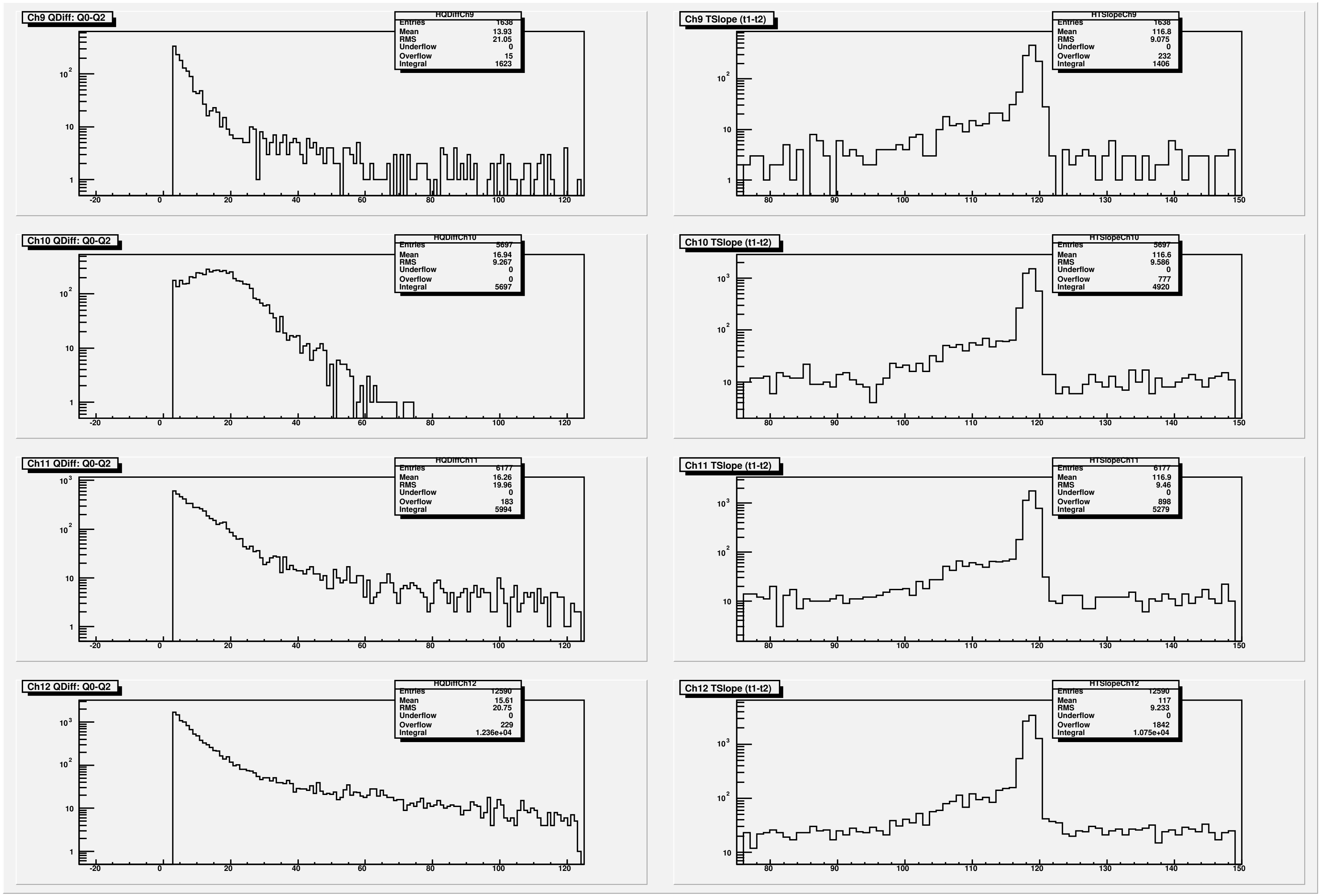
All PMTs: QADC0
HQADC0All
Entries 288854
Mean 242.6
RMS 3.306
Underflow 0
Overflow 377
Integral 2.885e+05
All PMTs: QADC1
HQADC1All
Entries 288854
Mean 229.7
RMS 17.94
Underflow 0
Overflow 70
Integral 2.888e+05
All PMTs: QADC2
HQADC2All
Entries 288854
Mean 227.5
RMS 21.49
Underflow 0
Overflow 0
Integral 2.889e+05
All PMTs: QADC3
HQADC3All
Entries 288854
Mean 230.5
RMS 18.58
Underflow 0
Overflow 15
Integral 2.888e+05



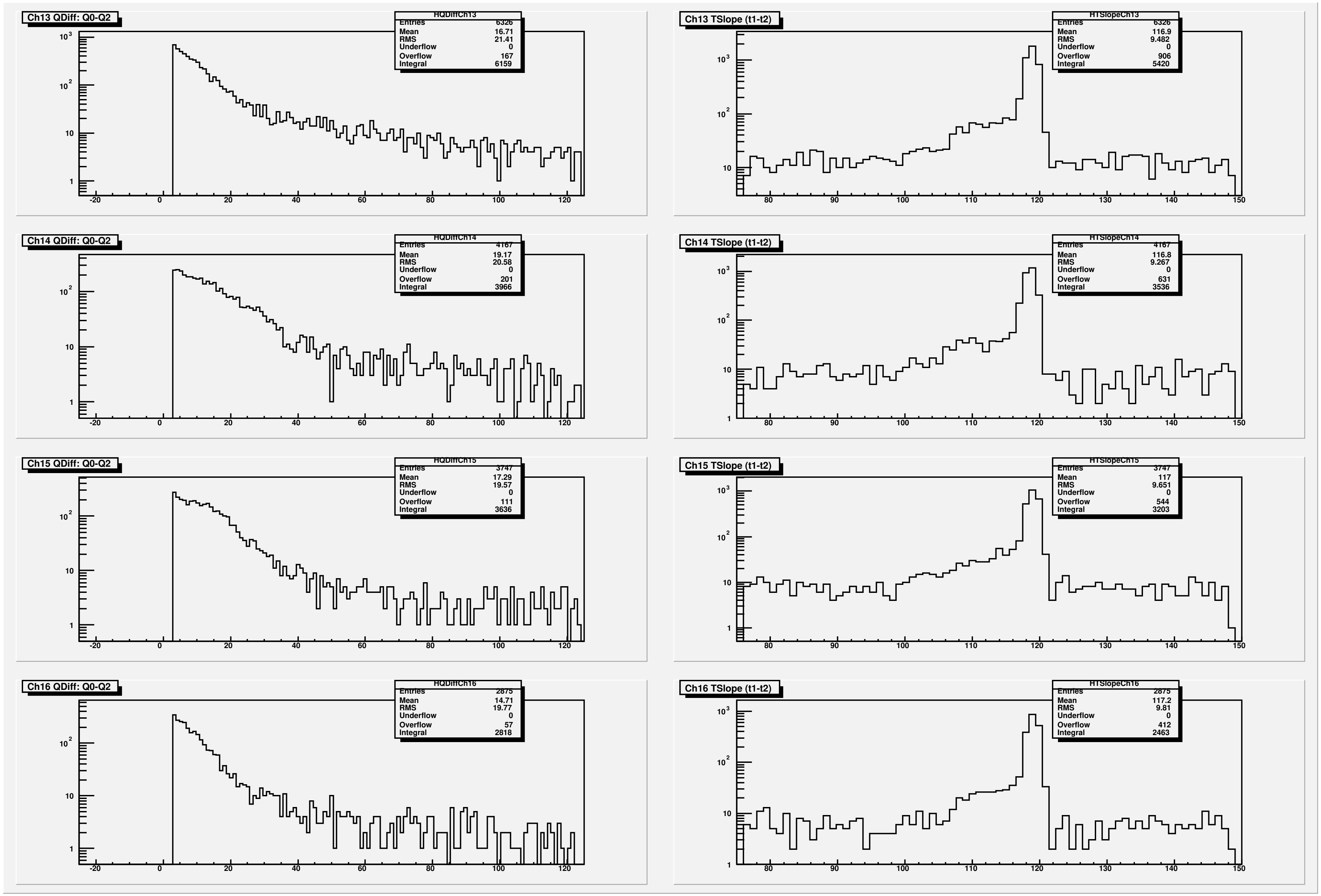
All PMTs: TADC0
HTADC0All
Entries 288854
Mean 242.5
RMS 6.234
Underflow 0
Overflow 1.121e+05
Integral 1.768e+05
All PMTs: TADC1
HTADC1All
Entries 288854
Mean 200.6
RMS 32.76
Underflow 0
Overflow 2.141e+04
Integral 2.674e+05
All PMTs: TADC2
HTADC2All
Entries 288854
Mean 85.35
RMS 36.6
Underflow 0
Overflow 0
Integral 2.889e+05
All PMTs: TADC3
HTADC3All
Entries 288854
Mean 241.9
RMS 6.703
Underflow 0
Overflow 1.043e+05
Integral 1.845e+05

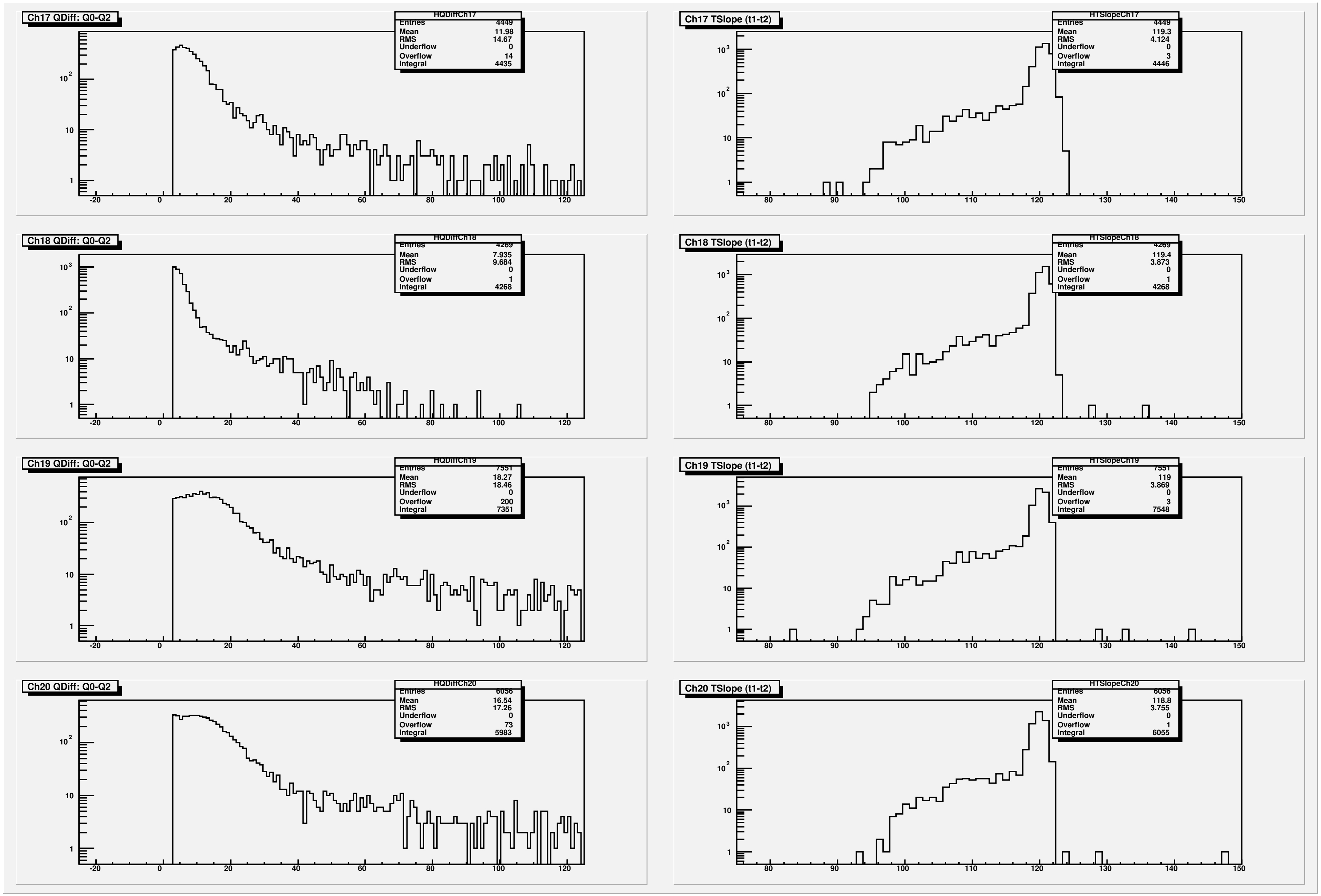

Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 365
Mean 5.049
RMS 2.291
Underflow 0
Overflow 0
Integral 365
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 365
Mean 119.5
RMS 4.013
Underflow 0
Overflow 3
Integral 362
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 4432
Mean 15.81
RMS 15.8
Underflow 0
Overflow 47
Integral 4385
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 4432
Mean 119.2
RMS 3.915
Underflow 0
Overflow 10
Integral 4422
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 5489
Mean 7.714
RMS 3.826
Underflow 0
Overflow 1
Integral 5488
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 5489
Mean 117.9
RMS 4
Underflow 0
Overflow 9
Integral 5480
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 12272
Mean 10.25
RMS 12.76
Underflow 0
Overflow 0
Integral 1.227e+04
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 12272
Mean 119.1
RMS 3.86
Underflow 0
Overflow 19
Integral 1.225e+04


Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 1710
Mean 7.442
RMS 6.73
Underflow 0
Overflow 0
Integral 1710
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 1710
Mean 118.9
RMS 3.817
Underflow 0
Overflow 2
Integral 1708
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 4838
Mean 10.27
RMS 13.8
Underflow 0
Overflow 2
Integral 4836
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 4838
Mean 119.3
RMS 3.44
Underflow 0
Overflow 6
Integral 4832
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 8386
Mean 14.05
RMS 16.21
Underflow 0
Overflow 56
Integral 8330
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 8386
Mean 118
RMS 3.156
Underflow 0
Overflow 8
Integral 8378
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 5541
Mean 12.42
RMS 15.49
Underflow 0
Overflow 14
Integral 5527
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 5541
Mean 118.5
RMS 3.082
Underflow 0
Overflow 7
Integral 5534

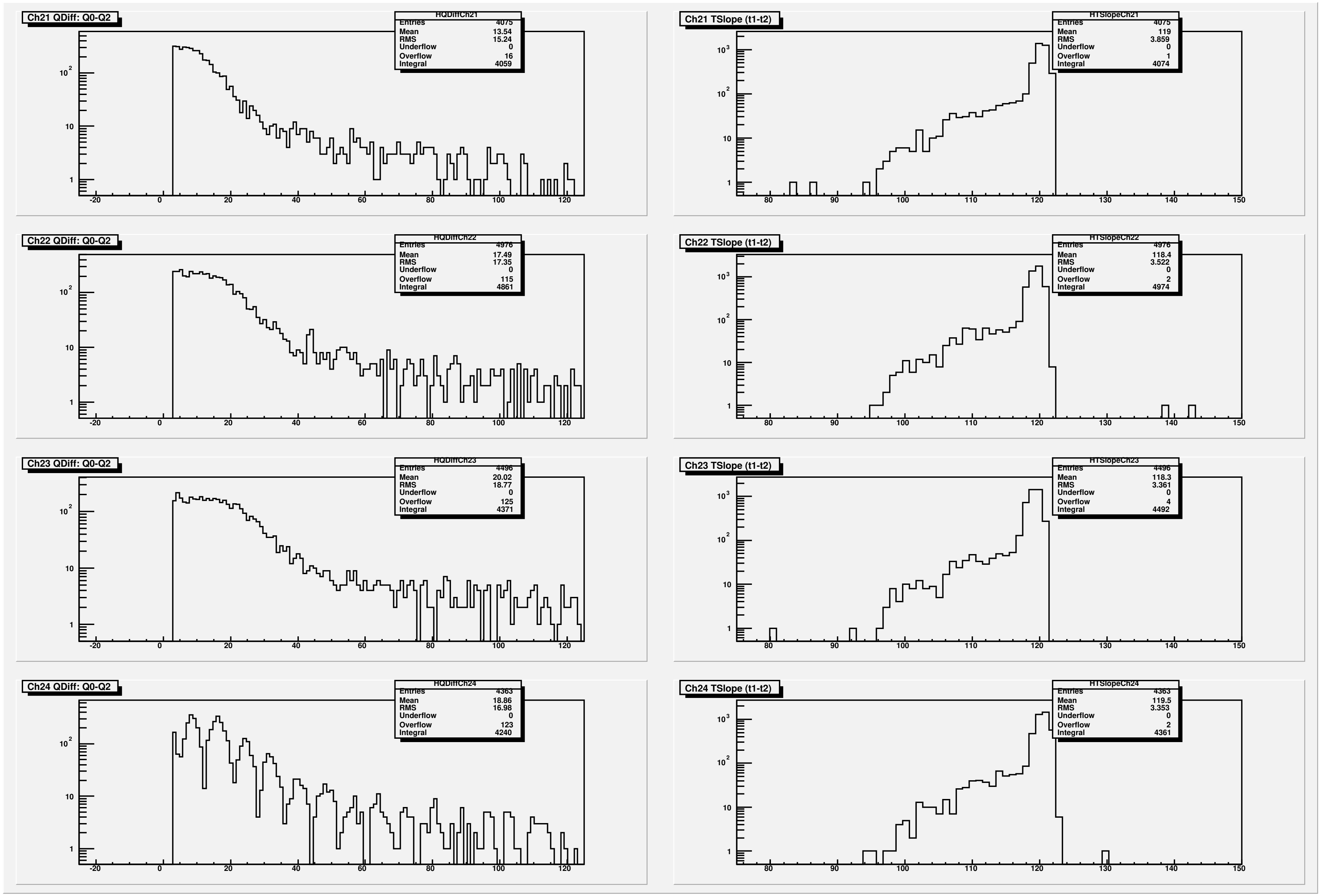


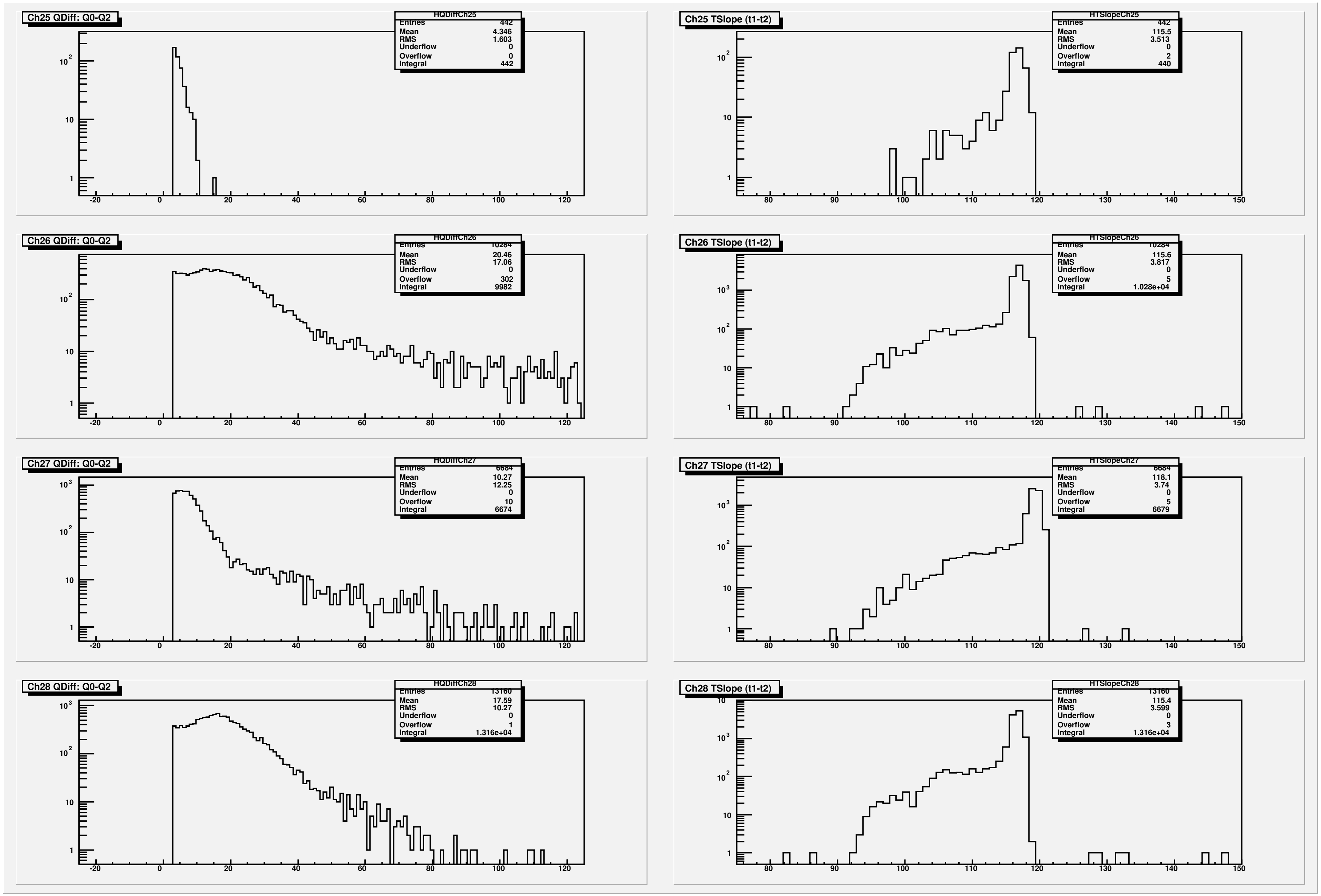
Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 1638
Mean 13.93
RMS 21.05
Underflow 0
Overflow 15
Integral 1623
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 1638
Mean 116.8
RMS 9.075
Underflow 0
Overflow 232
Integral 1406
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 5697
Mean 16.94
RMS 9.267
Underflow 0
Overflow 0
Integral 5697
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 5697
Mean 116.6
RMS 9.586
Underflow 0
Overflow 777
Integral 4920
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 6177
Mean 16.26
RMS 19.96
Underflow 0
Overflow 183
Integral 5994
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 6177
Mean 116.9
RMS 9.46
Underflow 0
Overflow 898
Integral 5279
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 12590
Mean 15.61
RMS 20.75
Underflow 0
Overflow 229
Integral 1.236e+04
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 12590
Mean 117
RMS 9.233
Underflow 0
Overflow 1842
Integral 1.075e+04


Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 6326
Mean 16.71
RMS 21.41
Underflow 0
Overflow 167
Integral 6159
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 6326
Mean 116.9
RMS 9.482
Underflow 0
Overflow 906
Integral 5420
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 4167
Mean 19.17
RMS 20.58
Underflow 0
Overflow 201
Integral 3966
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 4167
Mean 116.8
RMS 9.267
Underflow 0
Overflow 631
Integral 3536
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 3747
Mean 17.29
RMS 19.57
Underflow 0
Overflow 111
Integral 3636
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 3747
Mean 117
RMS 9.651
Underflow 0
Overflow 544
Integral 3203
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 2875
Mean 14.71
RMS 19.77
Underflow 0
Overflow 57
Integral 2818
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 2875
Mean 117.2
RMS 9.81
Underflow 0
Overflow 412
Integral 2463
-20 0 20 40 60 80 100 120
80 90 100 110 120 130 140 150
1 10 10^2 10^3

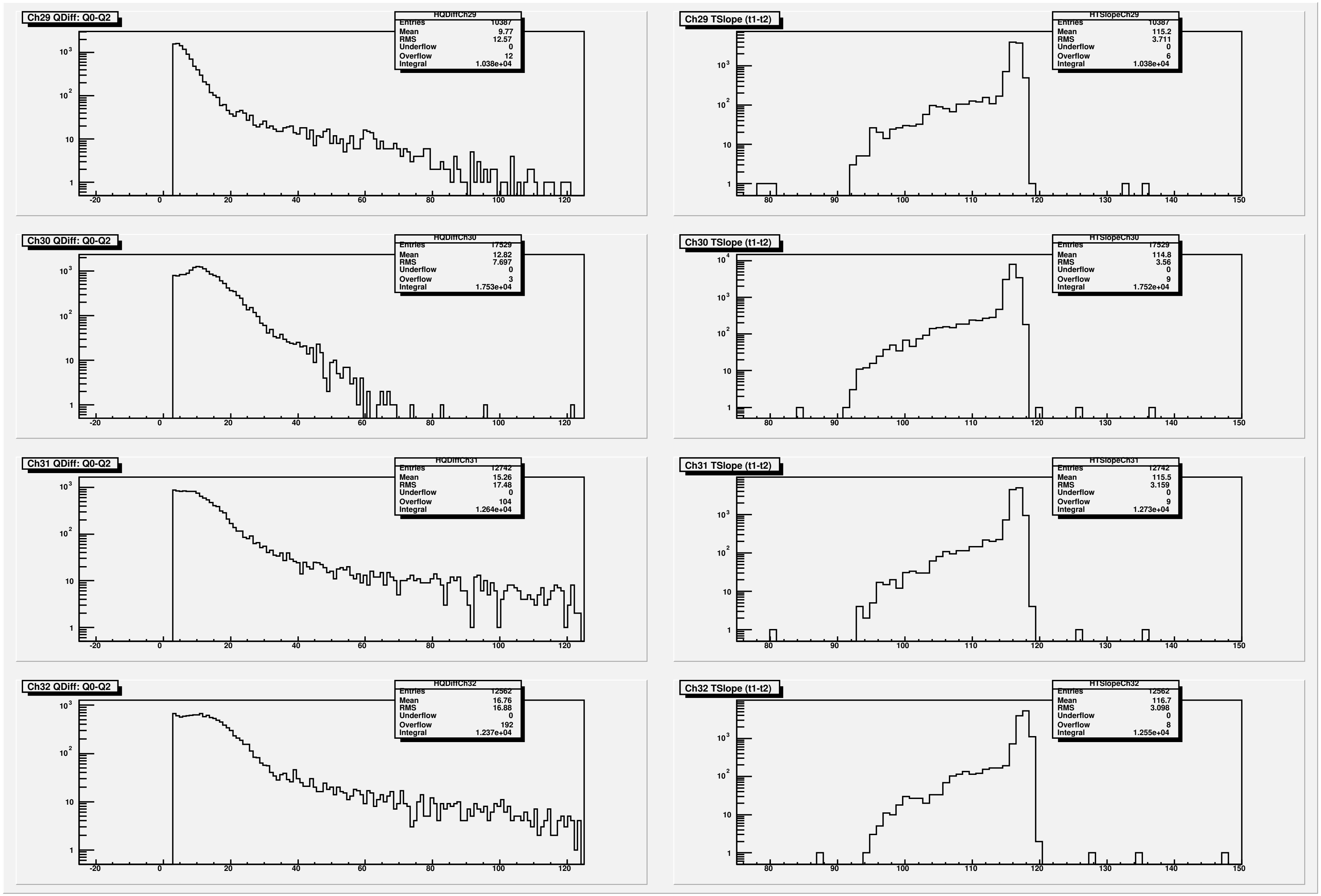


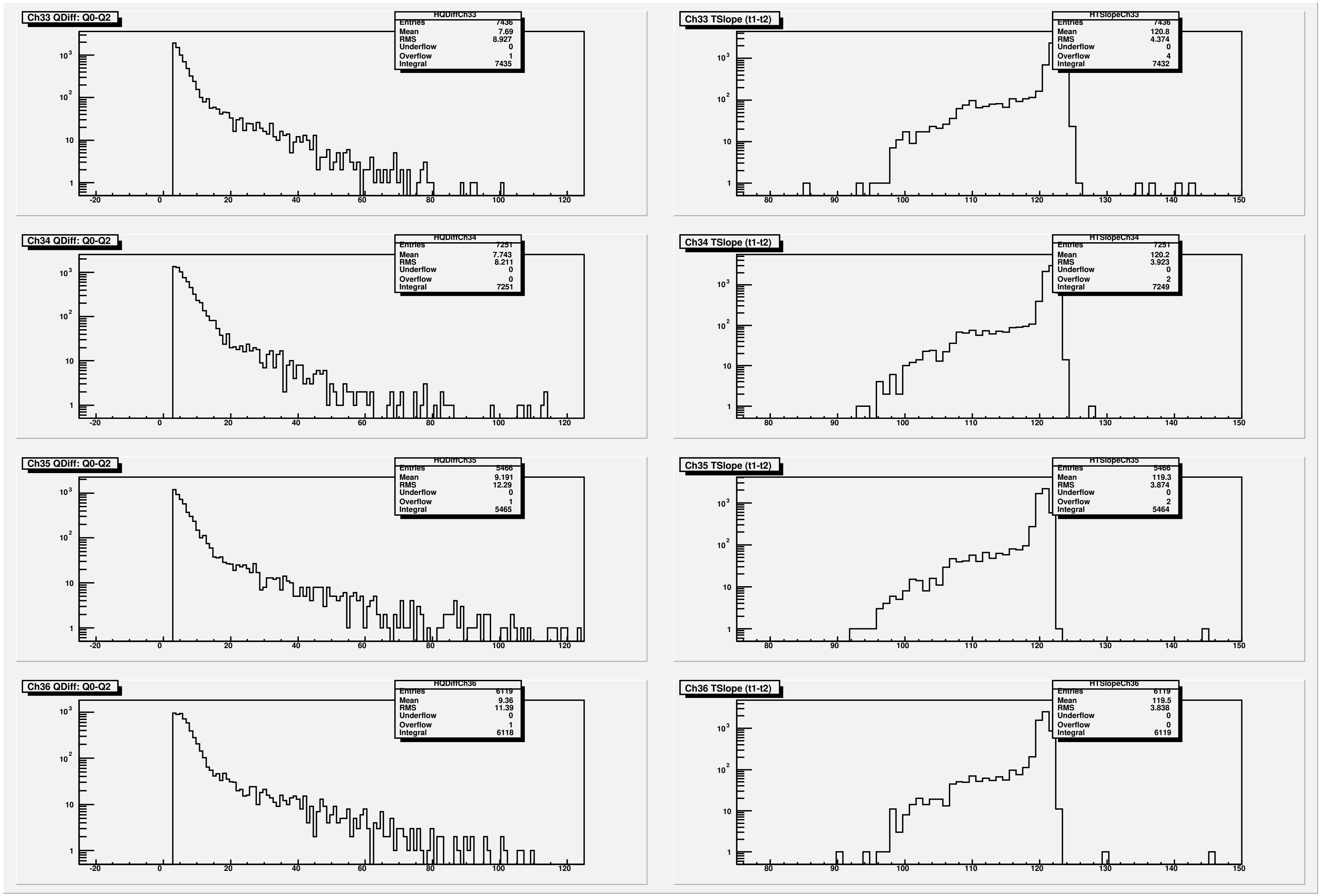
Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 4449
Mean 11.98
RMS 14.67
Underflow 0
Overflow 14
Integral 4435
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 4449
Mean 119.3
RMS 4.124
Underflow 0
Overflow 3
Integral 4446
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 4269
Mean 7.935
RMS 9.684
Underflow 0
Overflow 1
Integral 4268
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 4269
Mean 119.4
RMS 3.873
Underflow 0
Overflow 1
Integral 4268
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 7551
Mean 18.27
RMS 18.46
Underflow 0
Overflow 200
Integral 7351
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 7551
Mean 119
RMS 3.869
Underflow 0
Overflow 3
Integral 7548
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 6056
Mean 16.54
RMS 17.26
Underflow 0
Overflow 73
Integral 5983
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 6056
Mean 118.8
RMS 3.755
Underflow 0
Overflow 1
Integral 6055

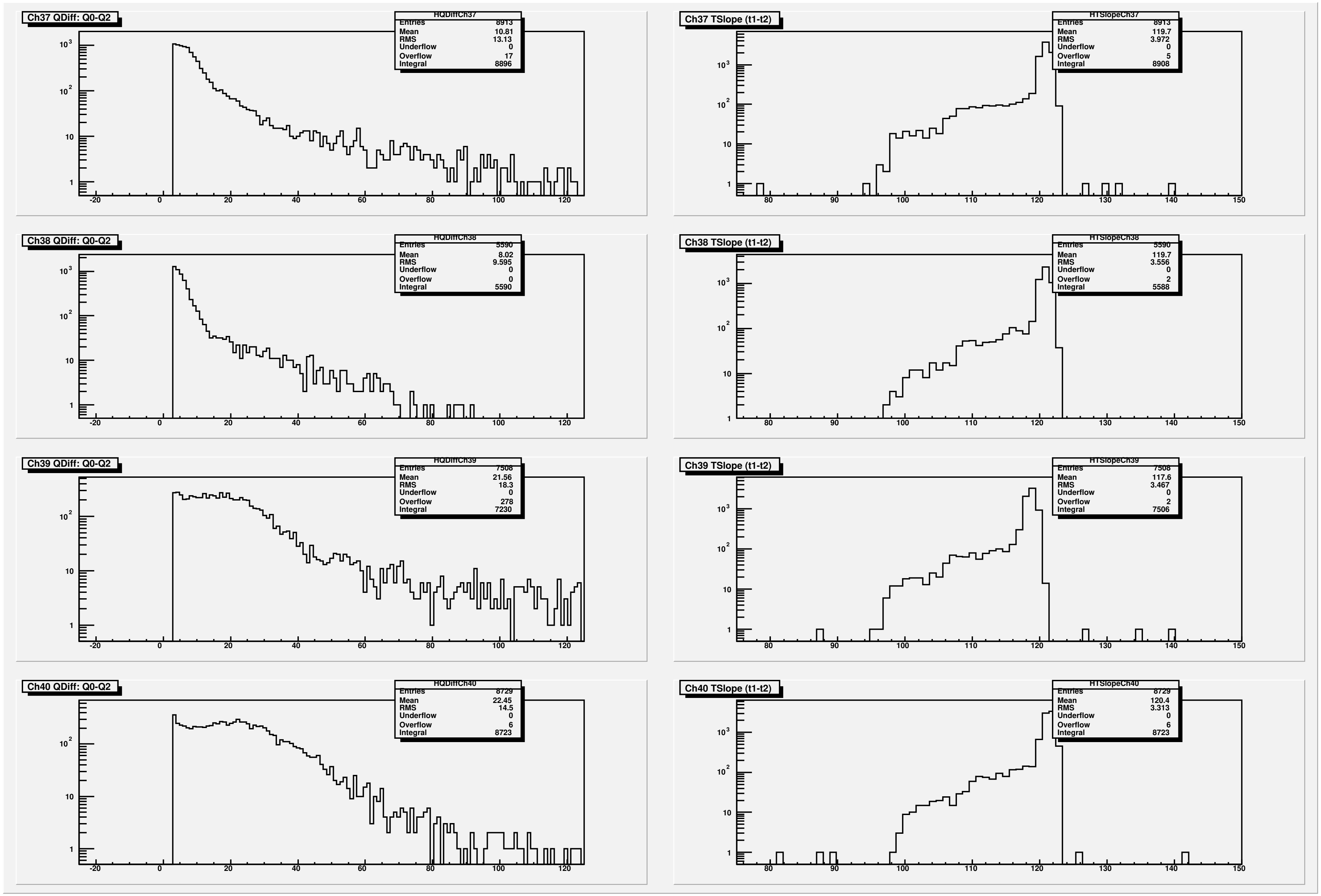

Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 4075
Mean 13.54
RMS 15.24
Underflow 0
Overflow 16
Integral 4059
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 4075
Mean 119
RMS 3.859
Underflow 0
Overflow 1
Integral 4074
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 4976
Mean 17.49
RMS 17.35
Underflow 0
Overflow 115
Integral 4861
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 4976
Mean 118.4
RMS 3.522
Underflow 0
Overflow 2
Integral 4974
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 4496
Mean 20.02
RMS 18.77
Underflow 0
Overflow 125
Integral 4371
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 4496
Mean 118.3
RMS 3.361
Underflow 0
Overflow 4
Integral 4492
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 4363
Mean 18.86
RMS 16.98
Underflow 0
Overflow 123
Integral 4240
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 4363
Mean 119.5
RMS 3.353
Underflow 0
Overflow 2
Integral 4361

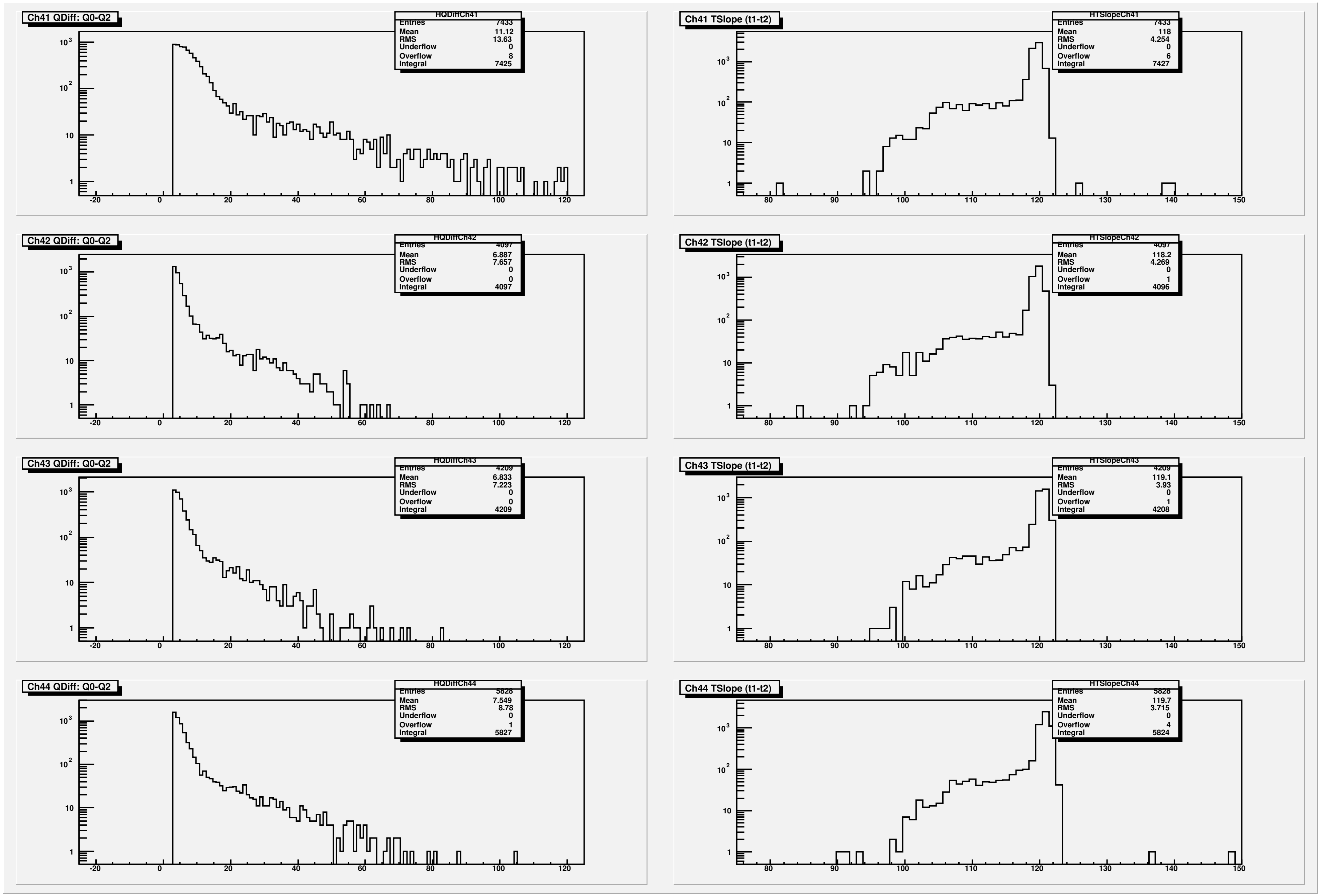


Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 442
Mean 4.346
RMS 1.603
Underflow 0
Overflow 0
Integral 442
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 442
Mean 115.5
RMS 3.513
Underflow 0
Overflow 2
Integral 440
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 10284
Mean 20.46
RMS 17.06
Underflow 0
Overflow 302
Integral 9982
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 10284
Mean 115.6
RMS 3.817
Underflow 0
Overflow 5
Integral 1.028e+04
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 6684
Mean 10.27
RMS 12.25
Underflow 0
Overflow 10
Integral 6674
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 6684
Mean 118.1
RMS 3.74
Underflow 0
Overflow 5
Integral 6679
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 13160
Mean 17.59
RMS 10.27
Underflow 0
Overflow 1
Integral 1.316e+04
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 13160
Mean 115.4
RMS 3.599
Underflow 0
Overflow 3
Integral 1.316e+04


Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 10387
Mean 9.77
RMS 12.57
Underflow 0
Overflow 12
Integral 1.038e+04
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 10387
Mean 115.2
RMS 3.711
Underflow 0
Overflow 6
Integral 1.038e+04
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 17529
Mean 12.82
RMS 7.697
Underflow 0
Overflow 3
Integral 1.753e+04
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 17529
Mean 114.8
RMS 3.56
Underflow 0
Overflow 9
Integral 1.752e+04
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 12742
Mean 15.26
RMS 17.48
Underflow 0
Overflow 104
Integral 1.264e+04
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 12742
Mean 115.5
RMS 3.159
Underflow 0
Overflow 9
Integral 1.273e+04
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 12562
Mean 16.76
RMS 16.88
Underflow 0
Overflow 192
Integral 1.237e+04
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 12562
Mean 116.7
RMS 3.098
Underflow 0
Overflow 8
Integral 1.255e+04


Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 7436
Mean 7.69
RMS 8.927
Underflow 0
Overflow 1
Integral 7435
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 7436
Mean 120.8
RMS 4.374
Underflow 0
Overflow 4
Integral 7432
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 7251
Mean 7.743
RMS 8.211
Underflow 0
Overflow 0
Integral 7251
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 7251
Mean 120.2
RMS 3.923
Underflow 0
Overflow 2
Integral 7249
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 5466
Mean 9.191
RMS 12.29
Underflow 0
Overflow 1
Integral 5465
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 5466
Mean 119.3
RMS 3.874
Underflow 0
Overflow 2
Integral 5464
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 6119
Mean 9.36
RMS 11.39
Underflow 0
Overflow 1
Integral 6118
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 6119
Mean 119.5
RMS 3.838
Underflow 0
Overflow 0
Integral 6119


Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 8913
Mean 10.81
RMS 13.13
Underflow 0
Overflow 17
Integral 8896
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 8913
Mean 119.7
RMS 3.972
Underflow 0
Overflow 5
Integral 8908
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 5590
Mean 8.02
RMS 9.595
Underflow 0
Overflow 0
Integral 5590
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 5590
Mean 119.7
RMS 3.556
Underflow 0
Overflow 2
Integral 5588
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 7508
Mean 21.56
RMS 18.3
Underflow 0
Overflow 278
Integral 7230
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 7508
Mean 117.6
RMS 3.467
Underflow 0
Overflow 2
Integral 7506
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 8729
Mean 22.45
RMS 14.5
Underflow 0
Overflow 6
Integral 8723
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 8729
Mean 120.4
RMS 3.313
Underflow 0
Overflow 6
Integral 8723



Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 7433
Mean 11.12
RMS 13.63
Underflow 0
Overflow 8
Integral 7425
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 7433
Mean 118
RMS 4.254
Underflow 0
Overflow 6
Integral 7427
Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 4097
Mean 6.887
RMS 7.657
Underflow 0
Overflow 0
Integral 4097
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 4097
Mean 118.2
RMS 4.269
Underflow 0
Overflow 1
Integral 4096
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 4209
Mean 6.833
RMS 7.223
Underflow 0
Overflow 0
Integral 4209
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 4209
Mean 119.1
RMS 3.93
Underflow 0
Overflow 1
Integral 4208
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 5828
Mean 7.549
RMS 8.78
Underflow 0
Overflow 1
Integral 5827
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 5828
Mean 119.7
RMS 3.715
Underflow 0
Overflow 4
Integral 5824