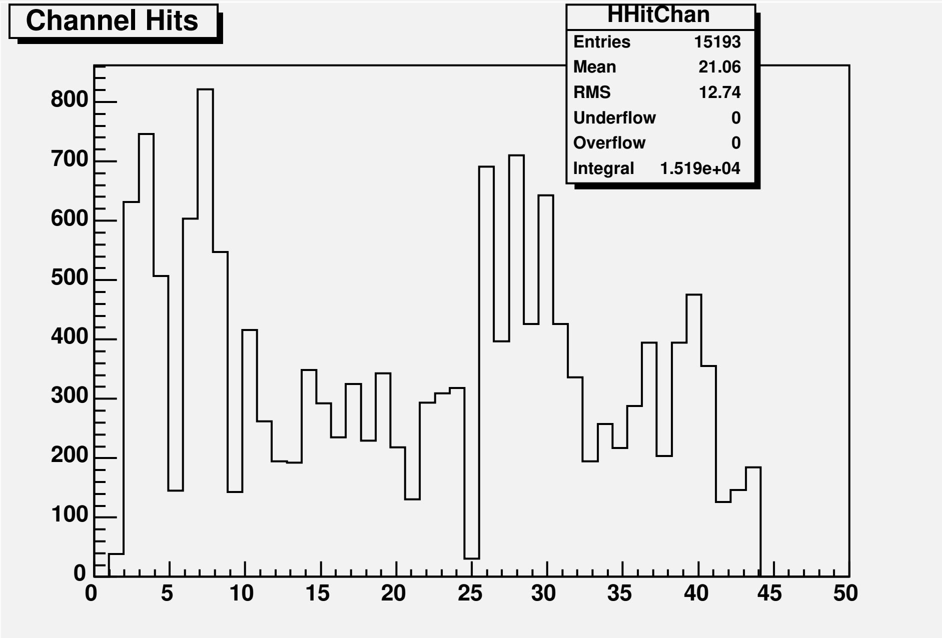
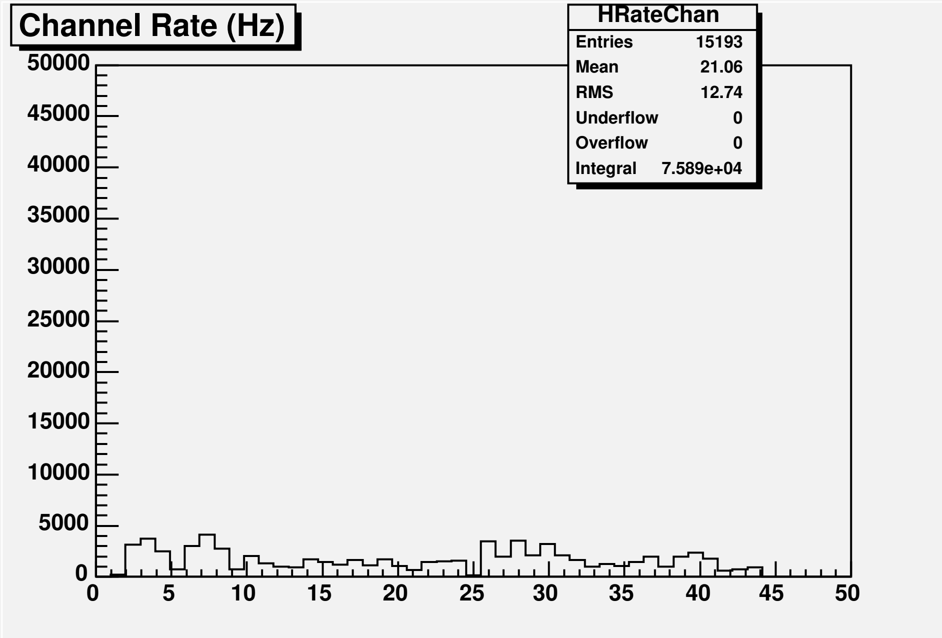
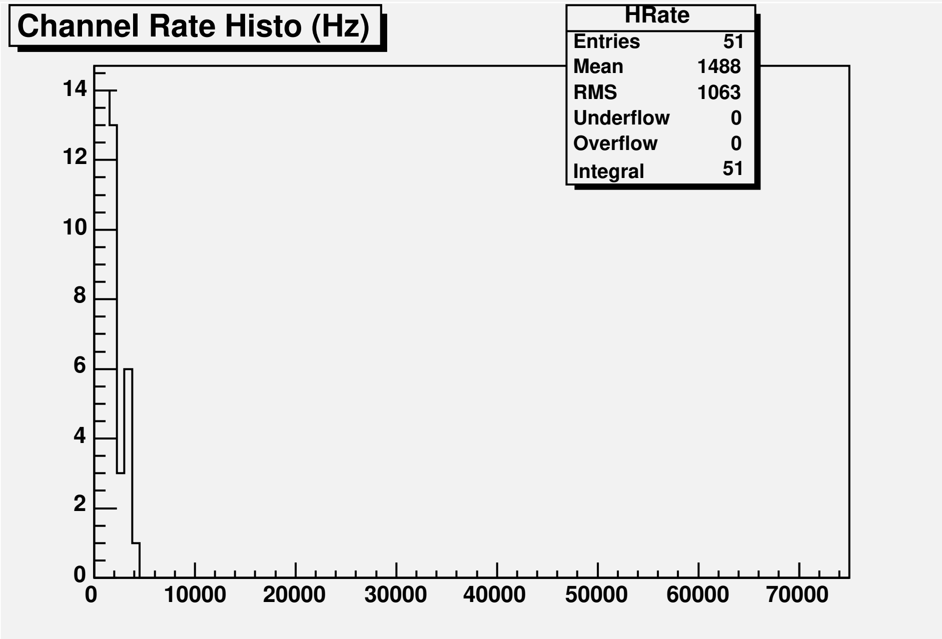
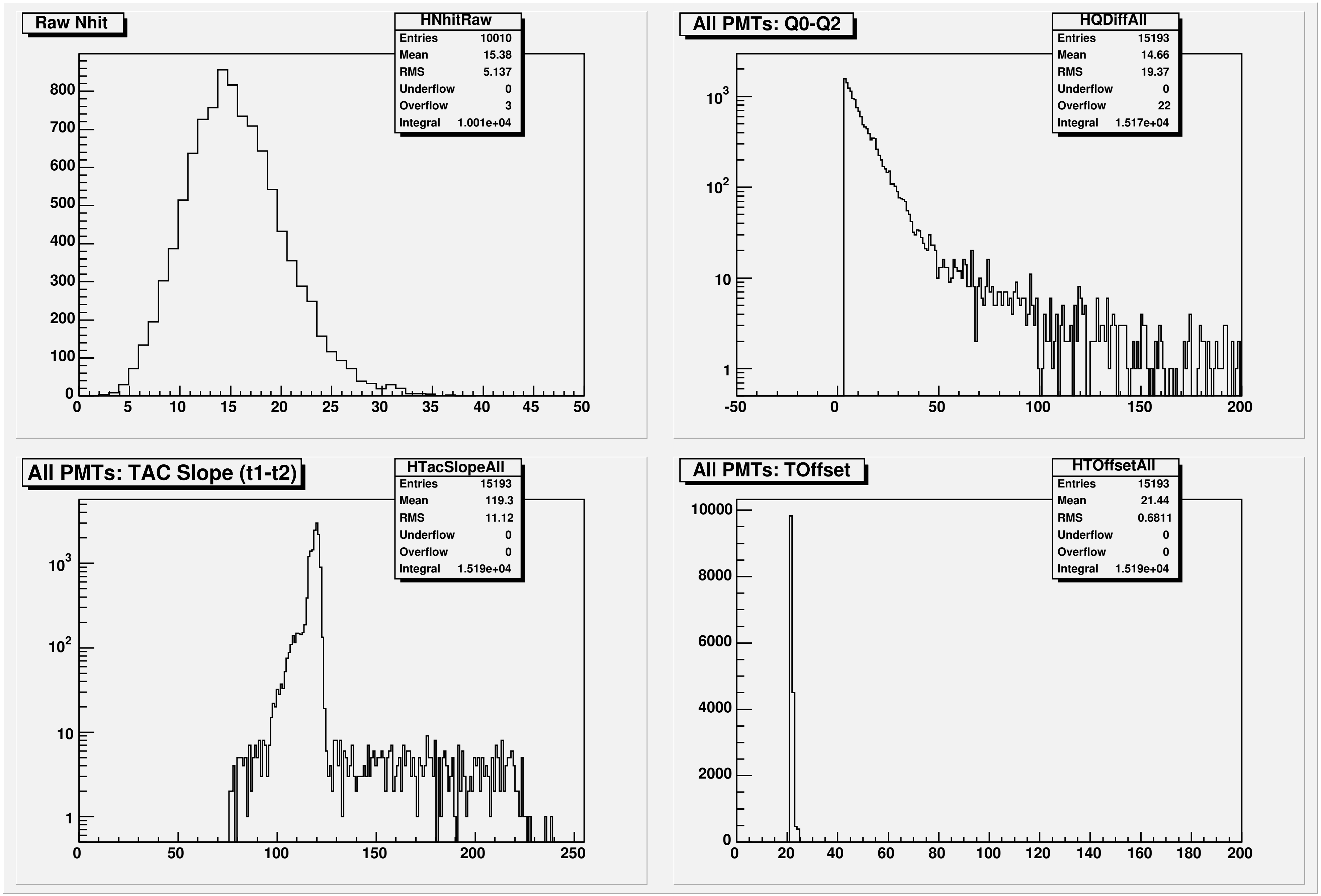
RUN: VlandUnCal Run11483 LEDTCut-QCut

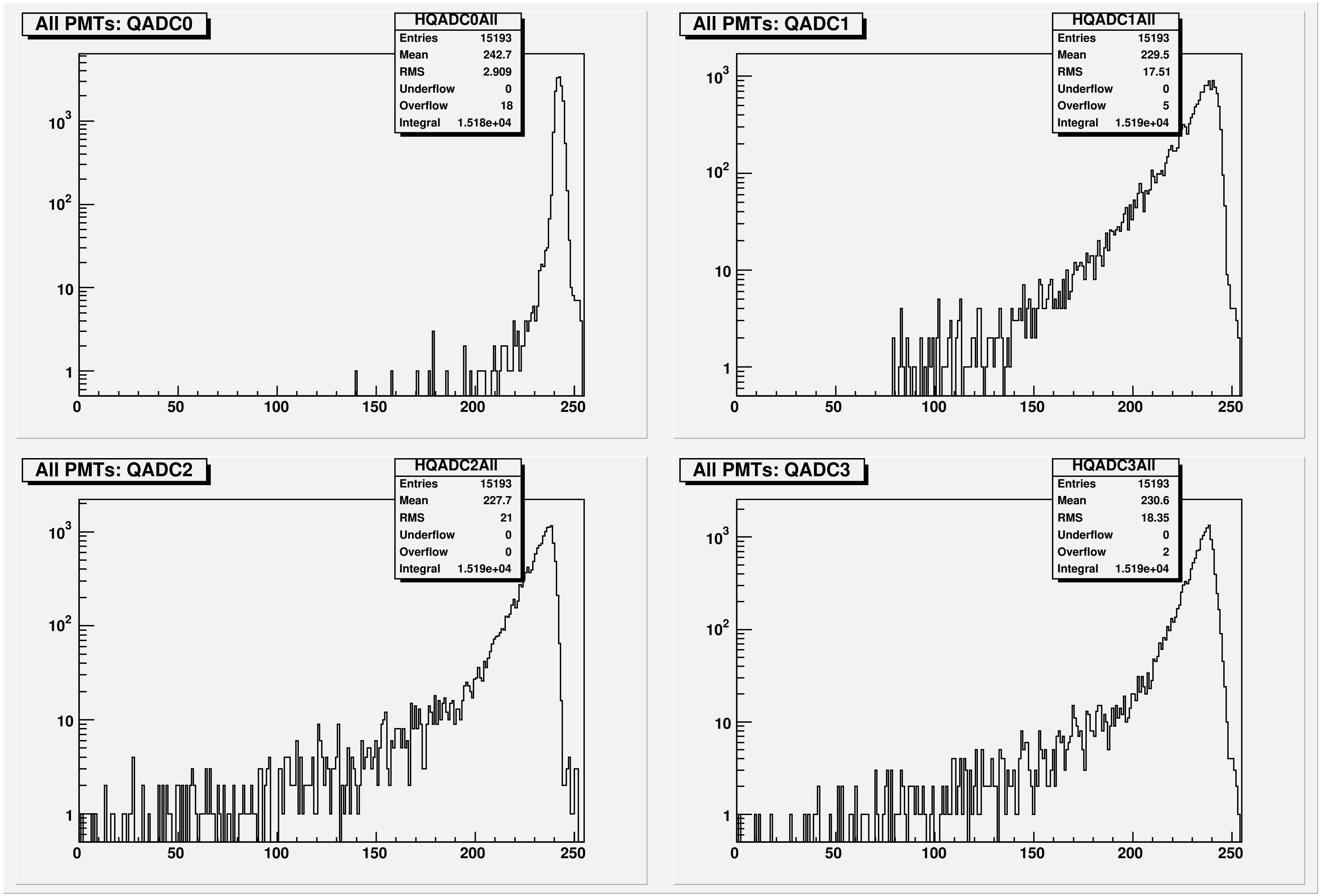

Channel Hits
HHitChan
Entries 15193
Mean 21.06
RMS 12.74
Underflow 0
Overflow 0
Integral 1.519e+04
0
100
200
300
400
500
600
700
800
0 5 10 15 20 25 30 35 40 45 50


Channel Rate (Hz)
HRateChan
Entries 15193
Mean 21.06
RMS 12.74
Underflow 0
Overflow 0
Integral 7.589e+04
0
5000
10000
15000
20000
25000
30000
35000
40000
45000
50000
0 5 10 15 20 25 30 35 40 45 50

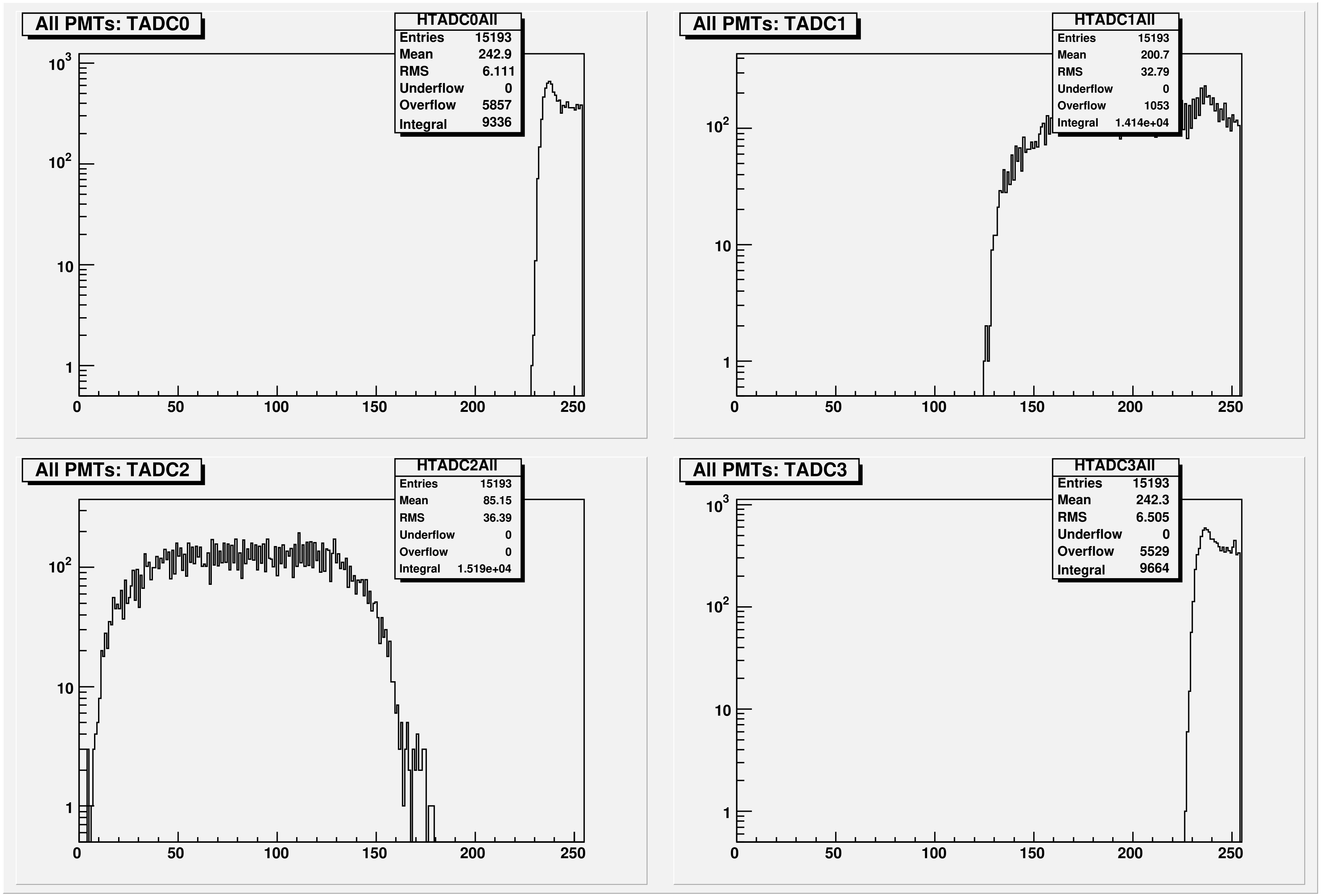

Channel Rate Histo (Hz)
HRate
Entries 51
Mean 1488
RMS 1063
Underflow 0
Overflow 0
Integral 51
0
2
4
6
8
10
12
14
0 10000 20000 30000 40000 50000 60000 70000



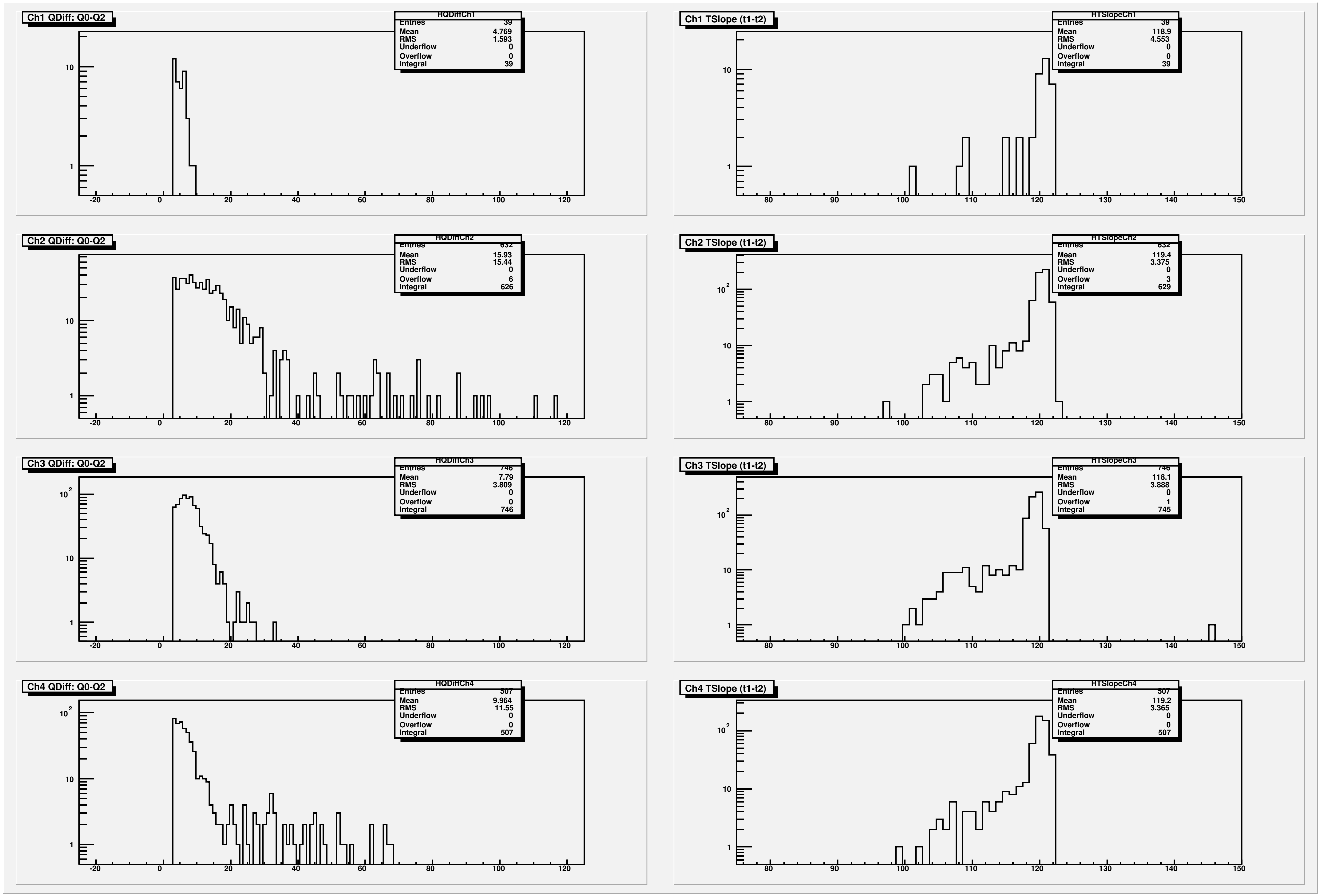
Raw Nhit
HNhitRaw
Entries 10010
Mean 15.38
RMS 5.137
Underflow 0
Overflow 3
Integral 1.001e+04
All PMTs: Q0-Q2
HQDiffAll
Entries 15193
Mean 14.66
RMS 19.37
Underflow 0
Overflow 22
Integral 1.517e+04
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 15193
Mean 119.3
RMS 11.12
Underflow 0
Overflow 0
Integral 1.519e+04
All PMTs: TOffset
HTOffsetAll
Entries 15193
Mean 21.44
RMS 0.6811
Underflow 0
Overflow 0
Integral 1.519e+04

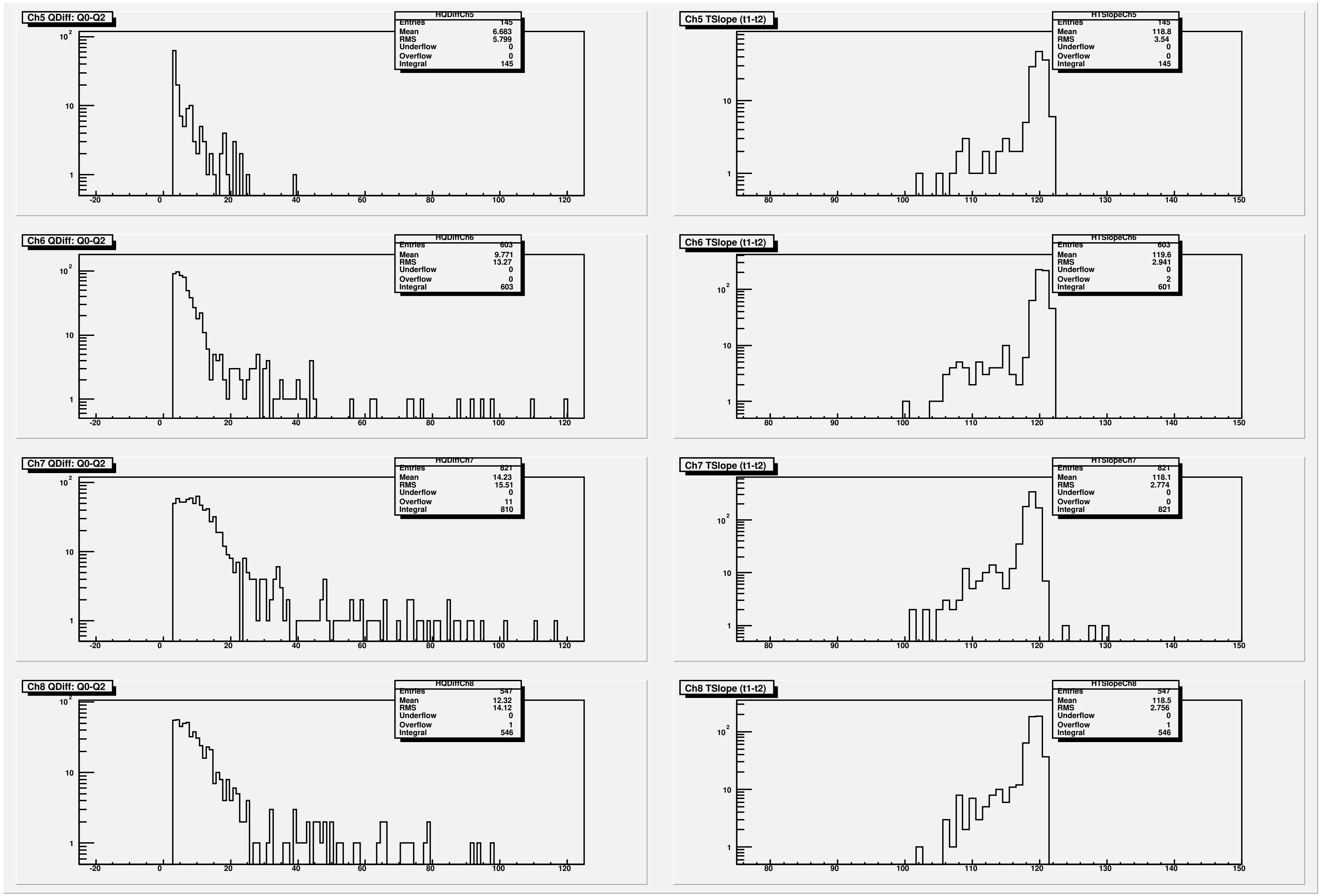


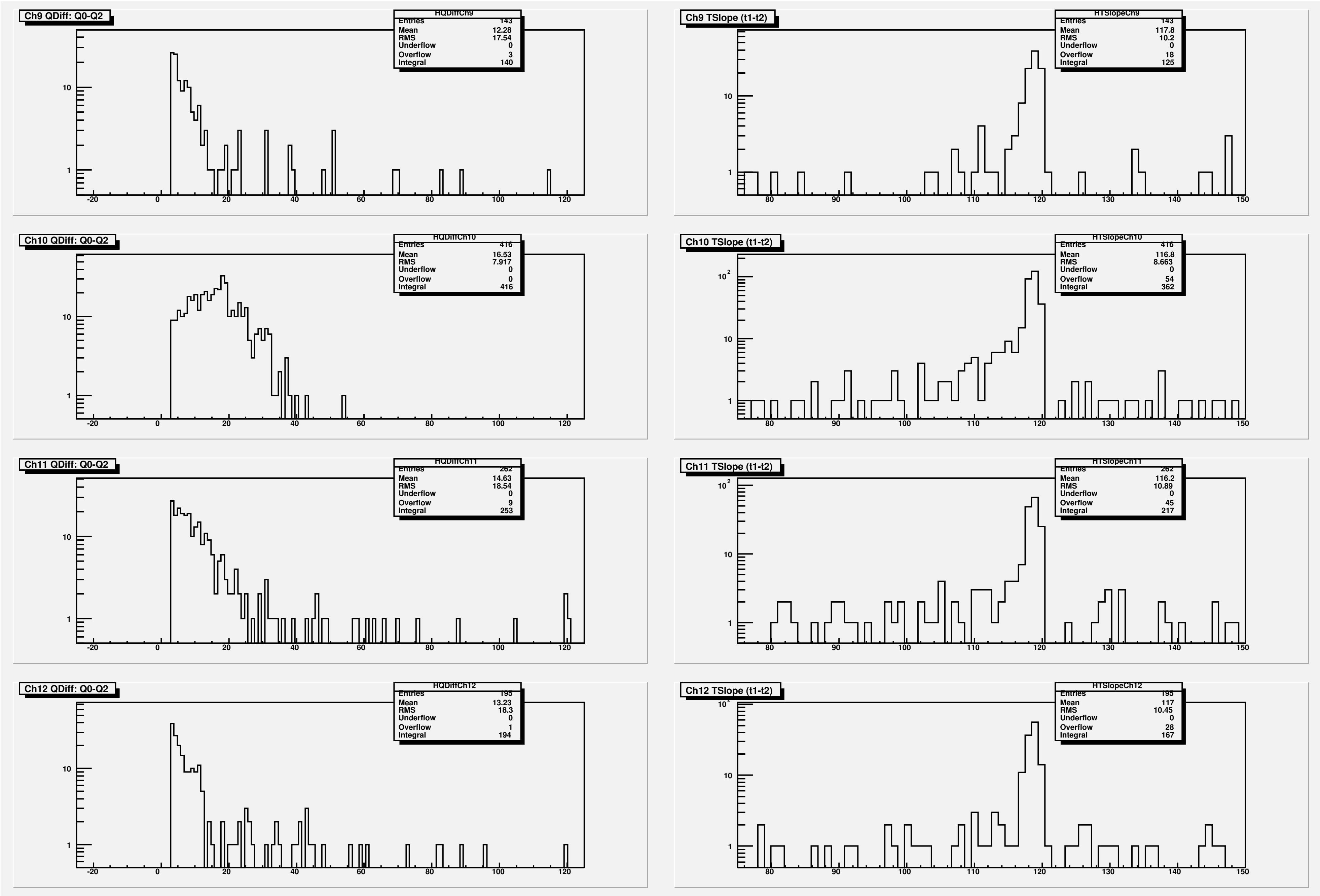
All PMTs: QADC0
HQADC0All
Entries 15193
Mean 242.7
RMS 2.909
Underflow 0
Overflow 18
Integral 1.518e+04
All PMTs: QADC1
HQADC1All
Entries 15193
Mean 229.5
RMS 17.51
Underflow 0
Overflow 5
Integral 1.519e+04
All PMTs: QADC2
HQADC2All
Entries 15193
Mean 227.7
RMS 21
Underflow 0
Overflow 0
Integral 1.519e+04
All PMTs: QADC3
HQADC3All
Entries 15193
Mean 230.6
RMS 18.35
Underflow 0
Overflow 2
Integral 1.519e+04

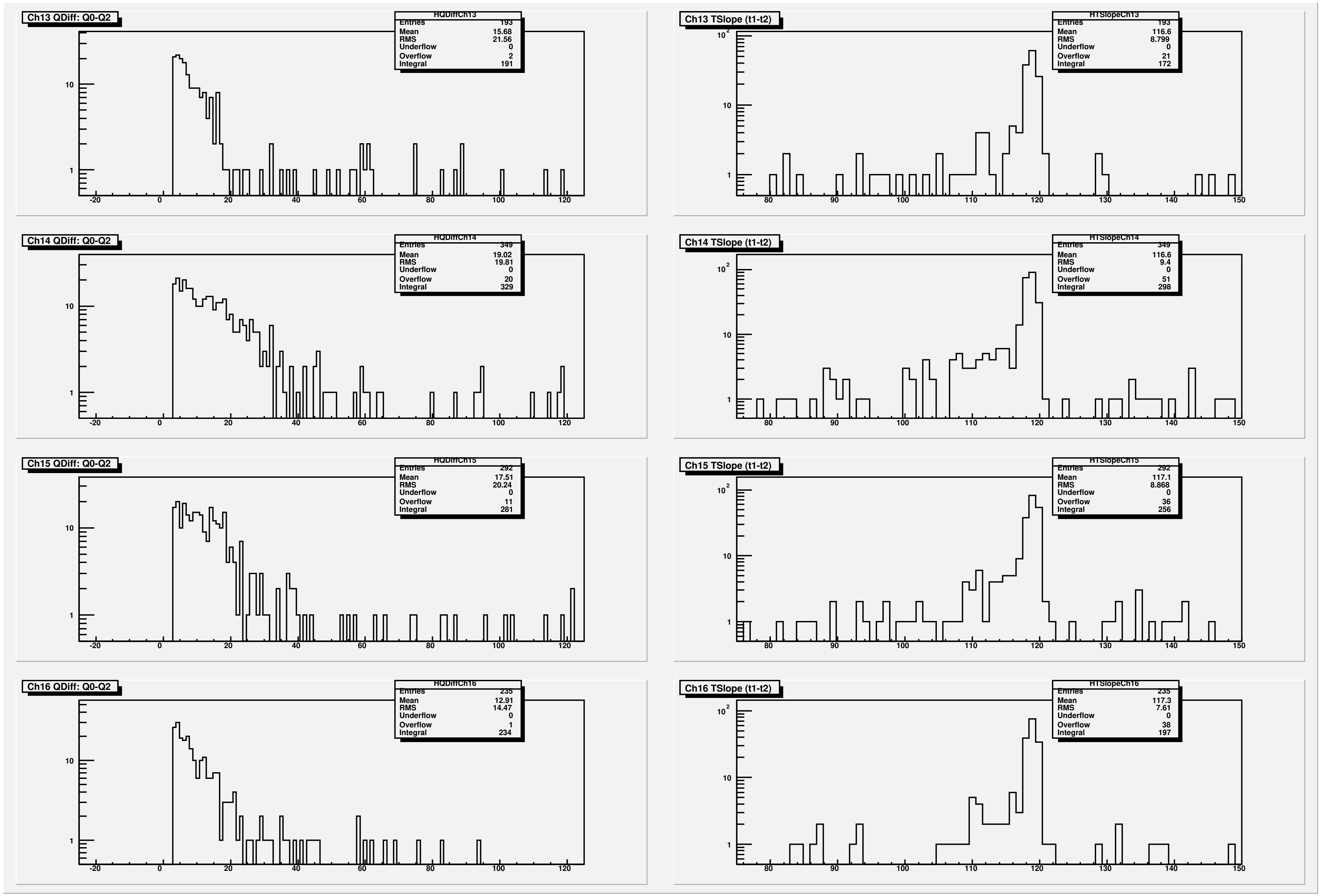


All PMTs: TADC0
HTADC0All
Entries 15193
Mean 242.9
RMS 6.111
Underflow 0
Overflow 5857
Integral 9336
All PMTs: TADC1
HTADC1All
Entries 15193
Mean 200.7
RMS 32.79
Underflow 0
Overflow 1053
Integral 1.414e+04
All PMTs: TADC2
HTADC2All
Entries 15193
Mean 85.15
RMS 36.39
Underflow 0
Overflow 0
Integral 1.519e+04
All PMTs: TADC3
HTADC3All
Entries 15193
Mean 242.3
RMS 6.505
Underflow 0
Overflow 5529
Integral 9664

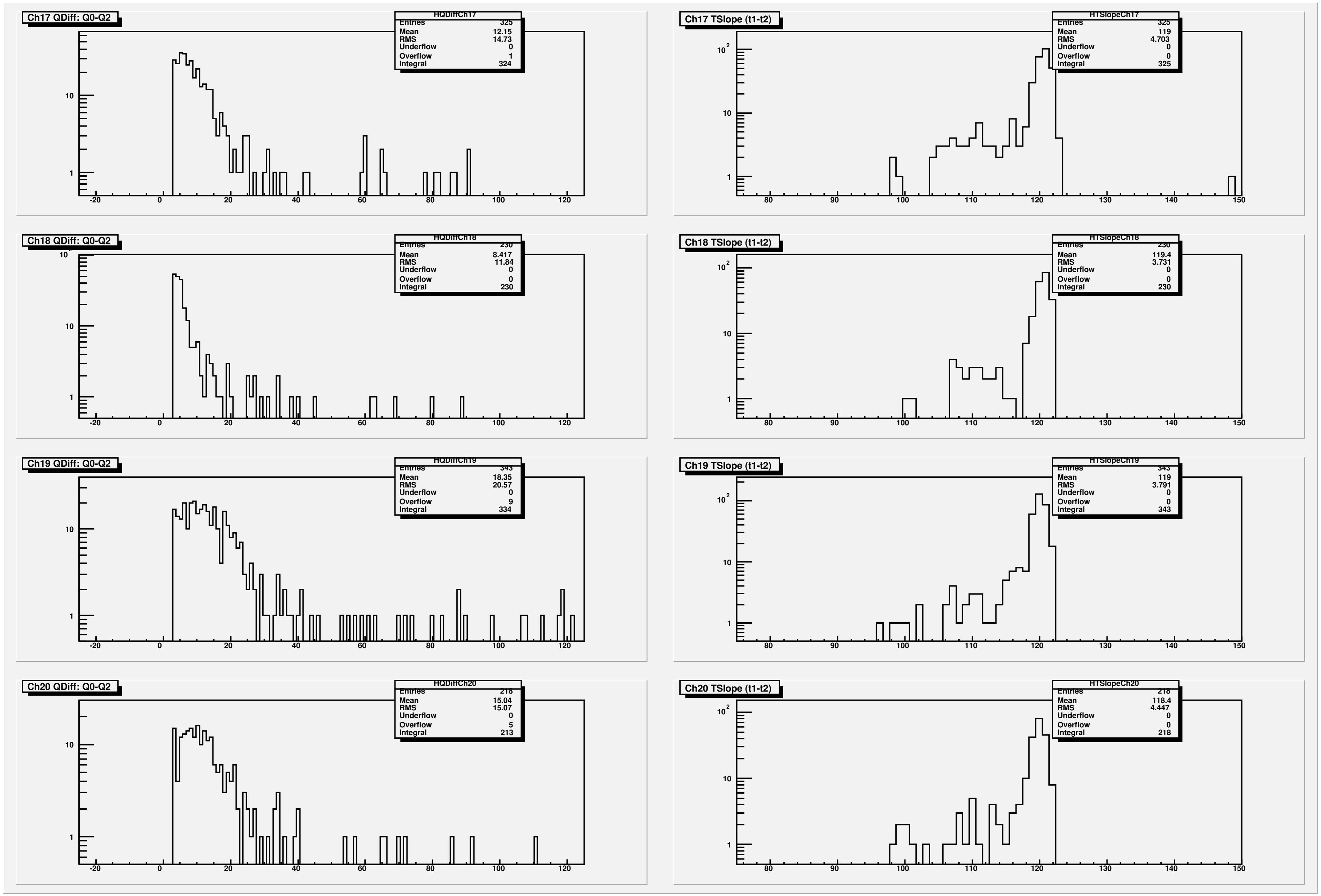

Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 39
Mean 4.769
RMS 1.593
Underflow 0
Overflow 0
Integral 39
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 39
Mean 118.9
RMS 4.553
Underflow 0
Overflow 0
Integral 39
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 632
Mean 15.93
RMS 15.44
Underflow 0
Overflow 6
Integral 626
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 632
Mean 119.4
RMS 3.375
Underflow 0
Overflow 3
Integral 629
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 746
Mean 7.79
RMS 3.809
Underflow 0
Overflow 0
Integral 746
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 746
Mean 118.1
RMS 3.888
Underflow 0
Overflow 1
Integral 745
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 507
Mean 9.964
RMS 11.55
Underflow 0
Overflow 0
Integral 507
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 507
Mean 119.2
RMS 3.365
Underflow 0
Overflow 0
Integral 507


Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 145
Mean 6.683
RMS 5.799
Underflow 0
Overflow 0
Integral 145
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 145
Mean 118.8
RMS 3.54
Underflow 0
Overflow 0
Integral 145
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 603
Mean 9.771
RMS 13.27
Underflow 0
Overflow 0
Integral 603
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 603
Mean 119.6
RMS 2.941
Underflow 0
Overflow 2
Integral 601
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 821
Mean 14.23
RMS 15.51
Underflow 0
Overflow 11
Integral 810
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 821
Mean 118.1
RMS 2.774
Underflow 0
Overflow 0
Integral 821
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 547
Mean 12.32
RMS 14.12
Underflow 0
Overflow 1
Integral 546
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 547
Mean 118.5
RMS 2.756
Underflow 0
Overflow 1
Integral 546

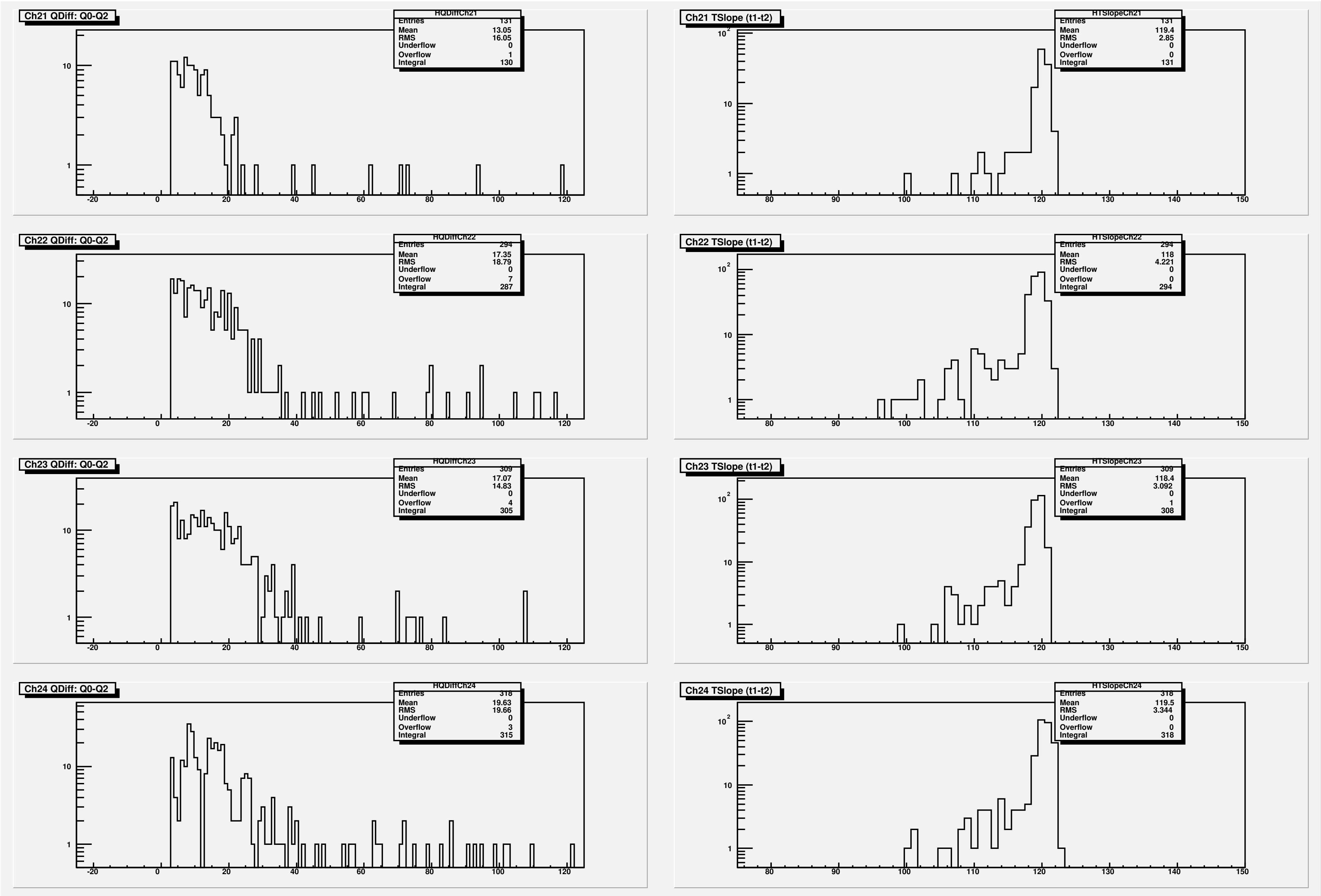

Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 143
Mean 12.28
RMS 17.54
Underflow 0
Overflow 3
Integral 140
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 143
Mean 117.8
RMS 10.2
Underflow 0
Overflow 18
Integral 125
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 416
Mean 16.53
RMS 7.917
Underflow 0
Overflow 0
Integral 416
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 416
Mean 116.8
RMS 8.663
Underflow 0
Overflow 54
Integral 362
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 262
Mean 14.63
RMS 18.54
Underflow 0
Overflow 9
Integral 253
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 262
Mean 116.2
RMS 10.89
Underflow 0
Overflow 45
Integral 217
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 195
Mean 13.23
RMS 18.3
Underflow 0
Overflow 1
Integral 194
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 195
Mean 117
RMS 10.45
Underflow 0
Overflow 28
Integral 167



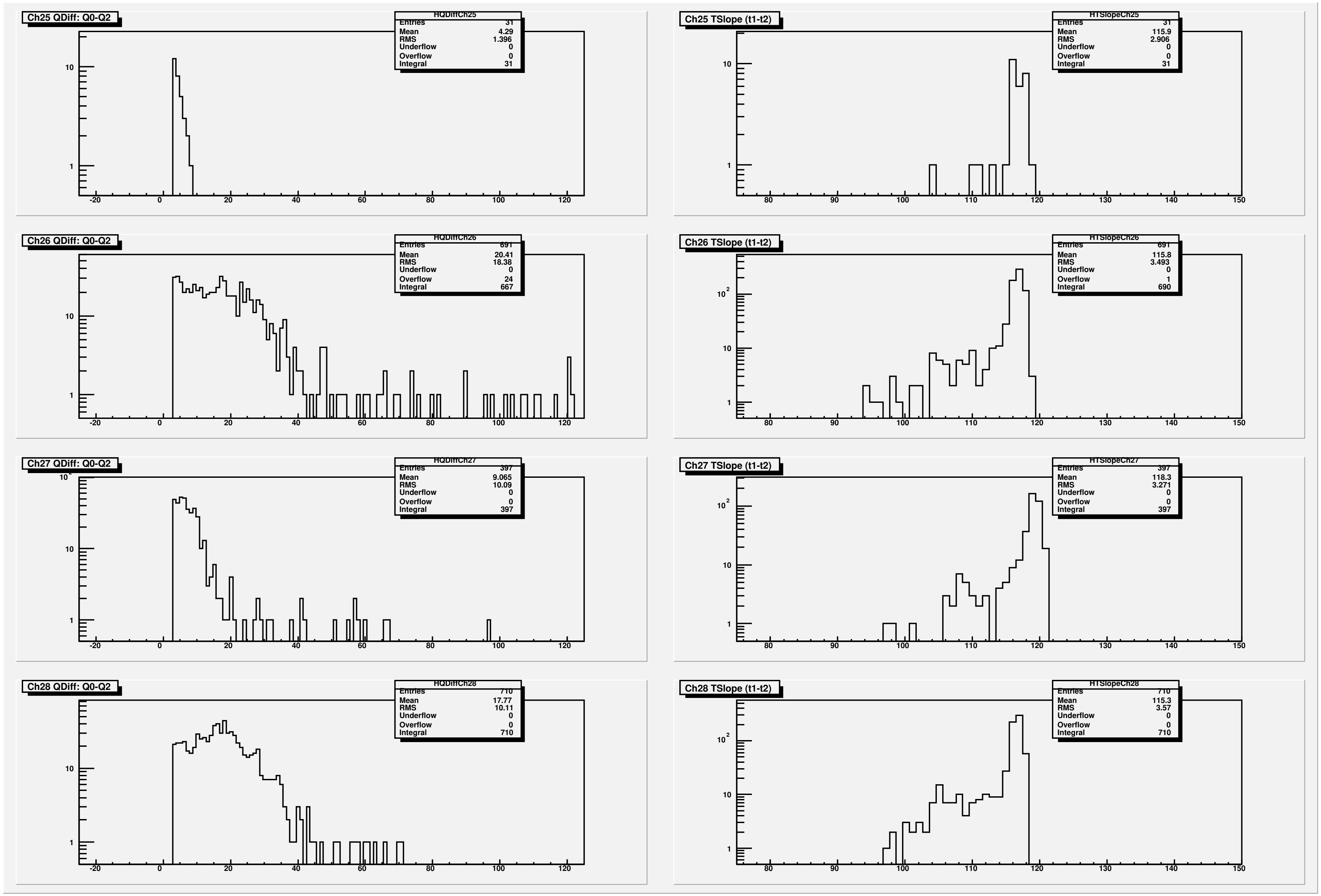
Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 193
Mean 15.68
RMS 21.56
Underflow 0
Overflow 2
Integral 191
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 193
Mean 116.6
RMS 8.799
Underflow 0
Overflow 21
Integral 172
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 349
Mean 19.02
RMS 19.81
Underflow 0
Overflow 20
Integral 329
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 349
Mean 116.6
RMS 9.4
Underflow 0
Overflow 51
Integral 298
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 292
Mean 17.51
RMS 20.24
Underflow 0
Overflow 11
Integral 281
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 292
Mean 117.1
RMS 8.868
Underflow 0
Overflow 36
Integral 256
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 235
Mean 12.91
RMS 14.47
Underflow 0
Overflow 1
Integral 234
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 235
Mean 117.3
RMS 7.61
Underflow 0
Overflow 38
Integral 197

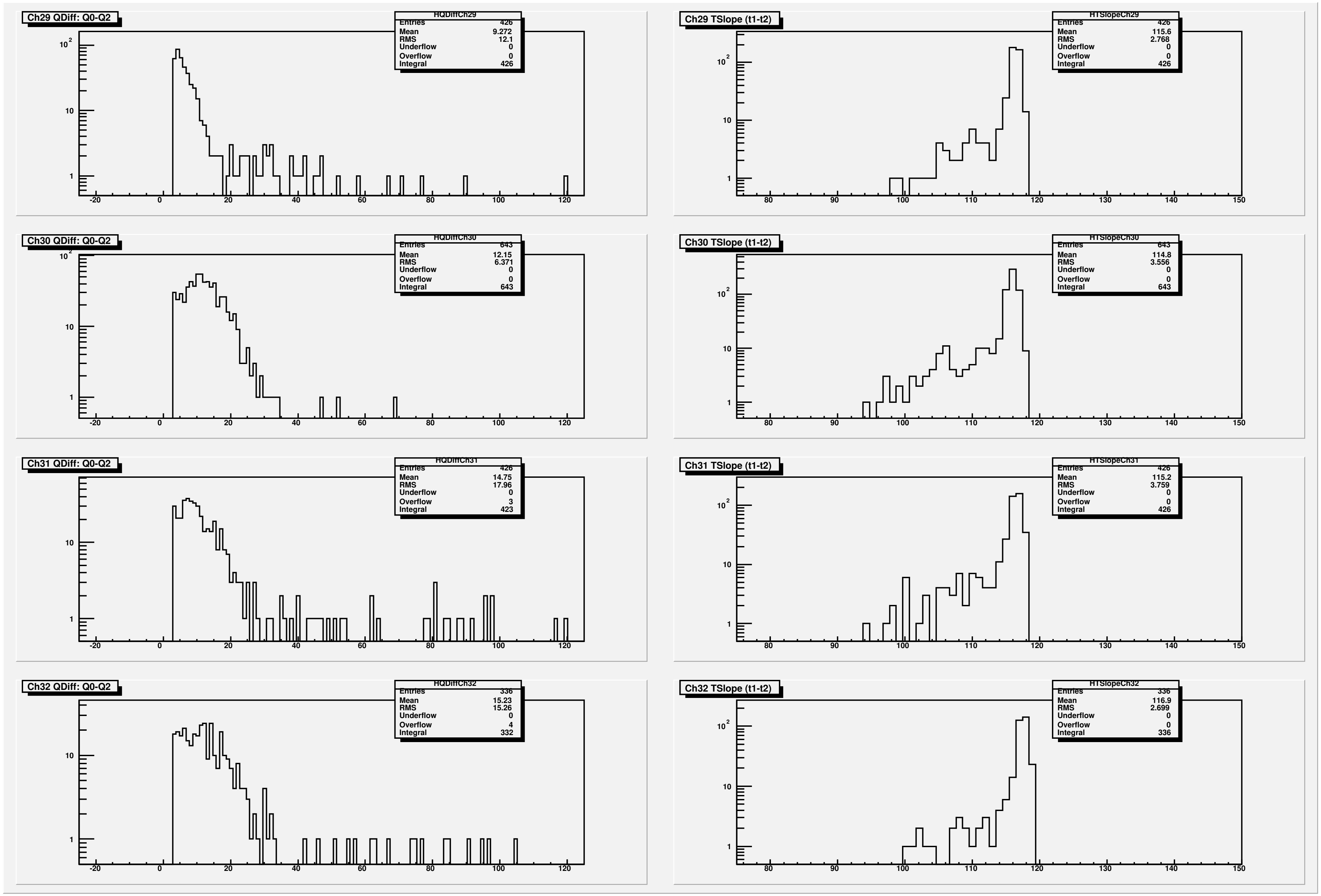


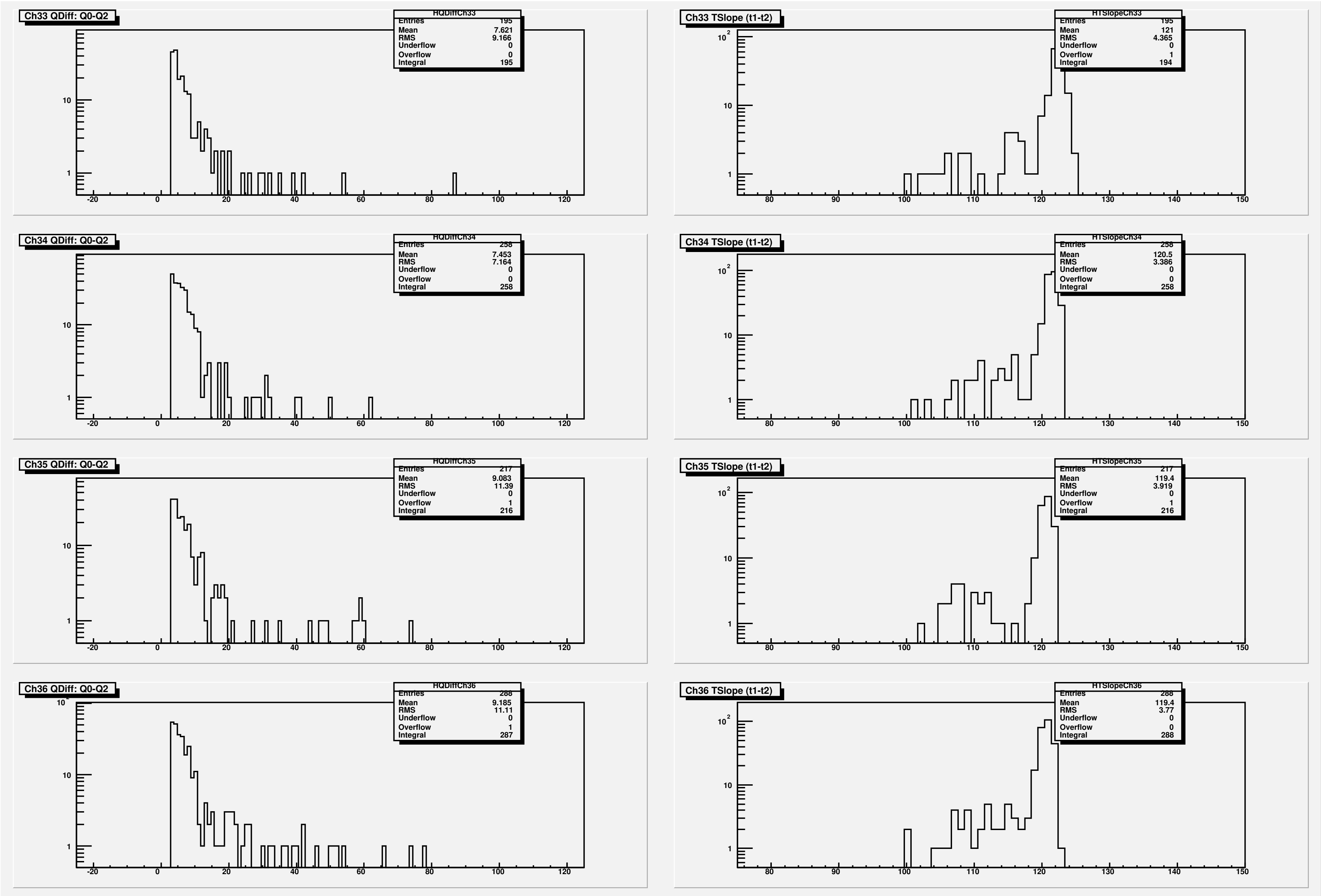
Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 325
Mean 12.15
RMS 14.73
Underflow 0
Overflow 1
Integral 324
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 325
Mean 119
RMS 4.703
Underflow 0
Overflow 0
Integral 325
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 230
Mean 8.417
RMS 11.84
Underflow 0
Overflow 0
Integral 230
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 230
Mean 119.4
RMS 3.731
Underflow 0
Overflow 0
Integral 230
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 343
Mean 18.35
RMS 20.57
Underflow 0
Overflow 9
Integral 334
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 343
Mean 119
RMS 3.791
Underflow 0
Overflow 0
Integral 343
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 218
Mean 15.04
RMS 15.07
Underflow 0
Overflow 5
Integral 213
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 218
Mean 118.4
RMS 4.447
Underflow 0
Overflow 0
Integral 218



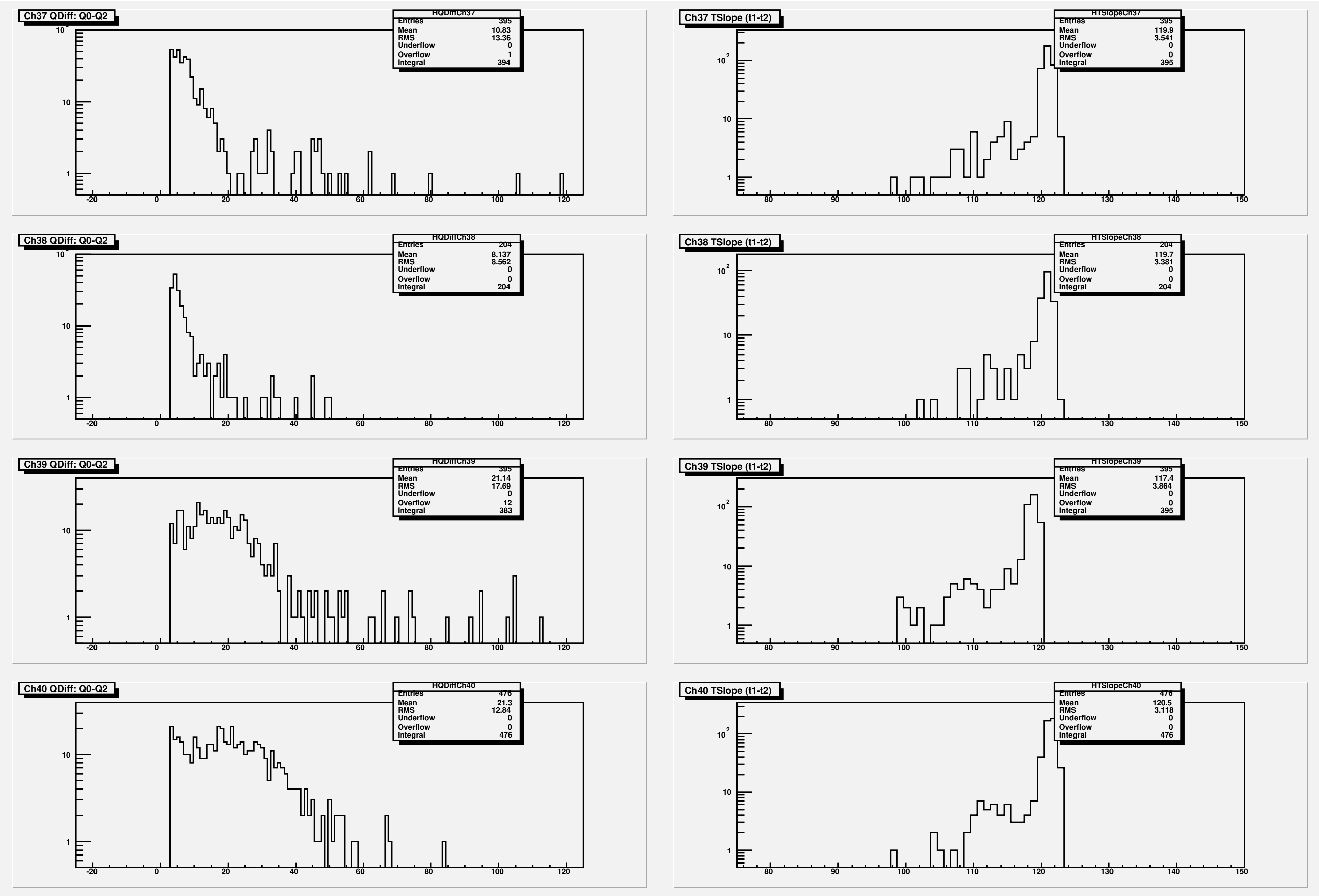
Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 131
Mean 13.05
RMS 16.05
Underflow 0
Overflow 1
Integral 130
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 131
Mean 119.4
RMS 2.85
Underflow 0
Overflow 0
Integral 131
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 294
Mean 17.35
RMS 18.79
Underflow 0
Overflow 7
Integral 287
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 294
Mean 118
RMS 4.221
Underflow 0
Overflow 0
Integral 294
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 309
Mean 17.07
RMS 14.83
Underflow 0
Overflow 4
Integral 305
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 309
Mean 118.4
RMS 3.092
Underflow 0
Overflow 1
Integral 308
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 318
Mean 19.63
RMS 19.66
Underflow 0
Overflow 3
Integral 315
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 318
Mean 119.5
RMS 3.344
Underflow 0
Overflow 0
Integral 318


Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 31
Mean 4.29
RMS 1.396
Underflow 0
Overflow 0
Integral 31
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 31
Mean 115.9
RMS 2.906
Underflow 0
Overflow 0
Integral 31
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 691
Mean 20.41
RMS 18.38
Underflow 0
Overflow 24
Integral 667
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 691
Mean 115.8
RMS 3.493
Underflow 0
Overflow 1
Integral 690
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 397
Mean 9.065
RMS 10.09
Underflow 0
Overflow 0
Integral 397
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 397
Mean 118.3
RMS 3.271
Underflow 0
Overflow 0
Integral 397
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 710
Mean 17.77
RMS 10.11
Underflow 0
Overflow 0
Integral 710
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 710
Mean 115.3
RMS 3.57
Underflow 0
Overflow 0
Integral 710

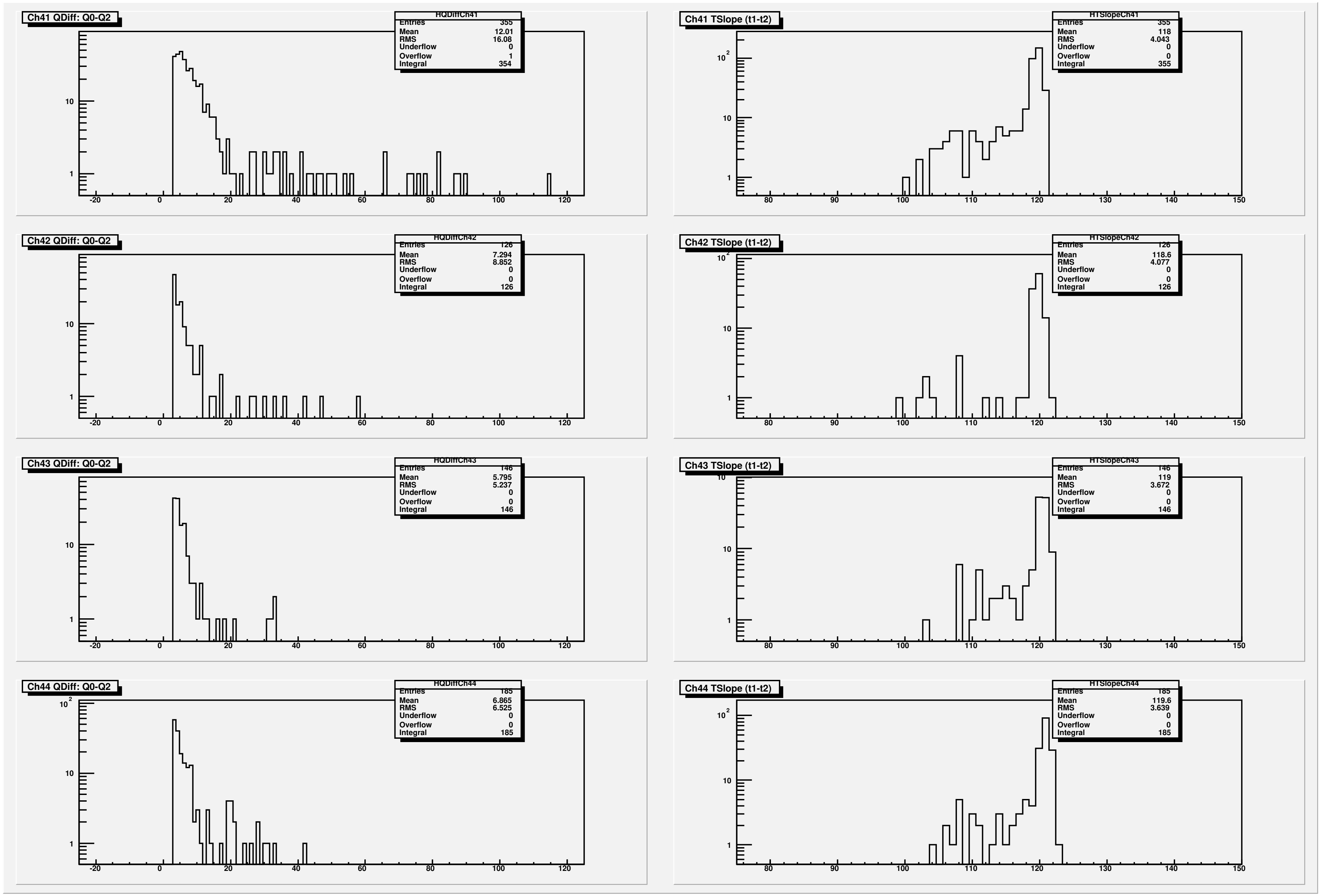

Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 426
Mean 9.272
RMS 12.1
Underflow 0
Overflow 0
Integral 426
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 426
Mean 115.6
RMS 2.768
Underflow 0
Overflow 0
Integral 426
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 643
Mean 12.15
RMS 6.371
Underflow 0
Overflow 0
Integral 643
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 643
Mean 114.8
RMS 3.556
Underflow 0
Overflow 0
Integral 643
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 426
Mean 14.75
RMS 17.96
Underflow 0
Overflow 3
Integral 423
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 426
Mean 115.2
RMS 3.759
Underflow 0
Overflow 0
Integral 426
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 336
Mean 15.23
RMS 15.26
Underflow 0
Overflow 4
Integral 332
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 336
Mean 116.9
RMS 2.699
Underflow 0
Overflow 0
Integral 336



Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 195
Mean 7.621
RMS 9.166
Underflow 0
Overflow 0
Integral 195
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 195
Mean 121
RMS 4.365
Underflow 0
Overflow 1
Integral 194
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 258
Mean 7.453
RMS 7.164
Underflow 0
Overflow 0
Integral 258
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 258
Mean 120.5
RMS 3.386
Underflow 0
Overflow 0
Integral 258
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 217
Mean 9.083
RMS 11.39
Underflow 0
Overflow 1
Integral 216
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 217
Mean 119.4
RMS 3.919
Underflow 0
Overflow 1
Integral 216
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 288
Mean 9.185
RMS 11.11
Underflow 0
Overflow 1
Integral 287
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 288
Mean 119.4
RMS 3.77
Underflow 0
Overflow 0
Integral 288



Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 395
Mean 10.83
RMS 13.36
Underflow 0
Overflow 1
Integral 394
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 395
Mean 119.9
RMS 3.541
Underflow 0
Overflow 0
Integral 395
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 204
Mean 8.137
RMS 8.562
Underflow 0
Overflow 0
Integral 204
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 204
Mean 119.7
RMS 3.381
Underflow 0
Overflow 0
Integral 204
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 395
Mean 21.14
RMS 17.69
Underflow 0
Overflow 12
Integral 383
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 395
Mean 117.4
RMS 3.864
Underflow 0
Overflow 0
Integral 395
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 476
Mean 21.3
RMS 12.84
Underflow 0
Overflow 0
Integral 476
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 476
Mean 120.5
RMS 3.118
Underflow 0
Overflow 0
Integral 476



Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 355
Mean 12.01
RMS 16.08
Underflow 0
Overflow 1
Integral 354
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 355
Mean 118
RMS 4.043
Underflow 0
Overflow 0
Integral 355
Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 126
Mean 7.294
RMS 8.852
Underflow 0
Overflow 0
Integral 126
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 126
Mean 118.6
RMS 4.077
Underflow 0
Overflow 0
Integral 126
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 146
Mean 5.795
RMS 5.237
Underflow 0
Overflow 0
Integral 146
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 146
Mean 119
RMS 3.672
Underflow 0
Overflow 0
Integral 146
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 185
Mean 6.865
RMS 6.525
Underflow 0
Overflow 0
Integral 185
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 185
Mean 119.6
RMS 3.639
Underflow 0
Overflow 0
Integral 185