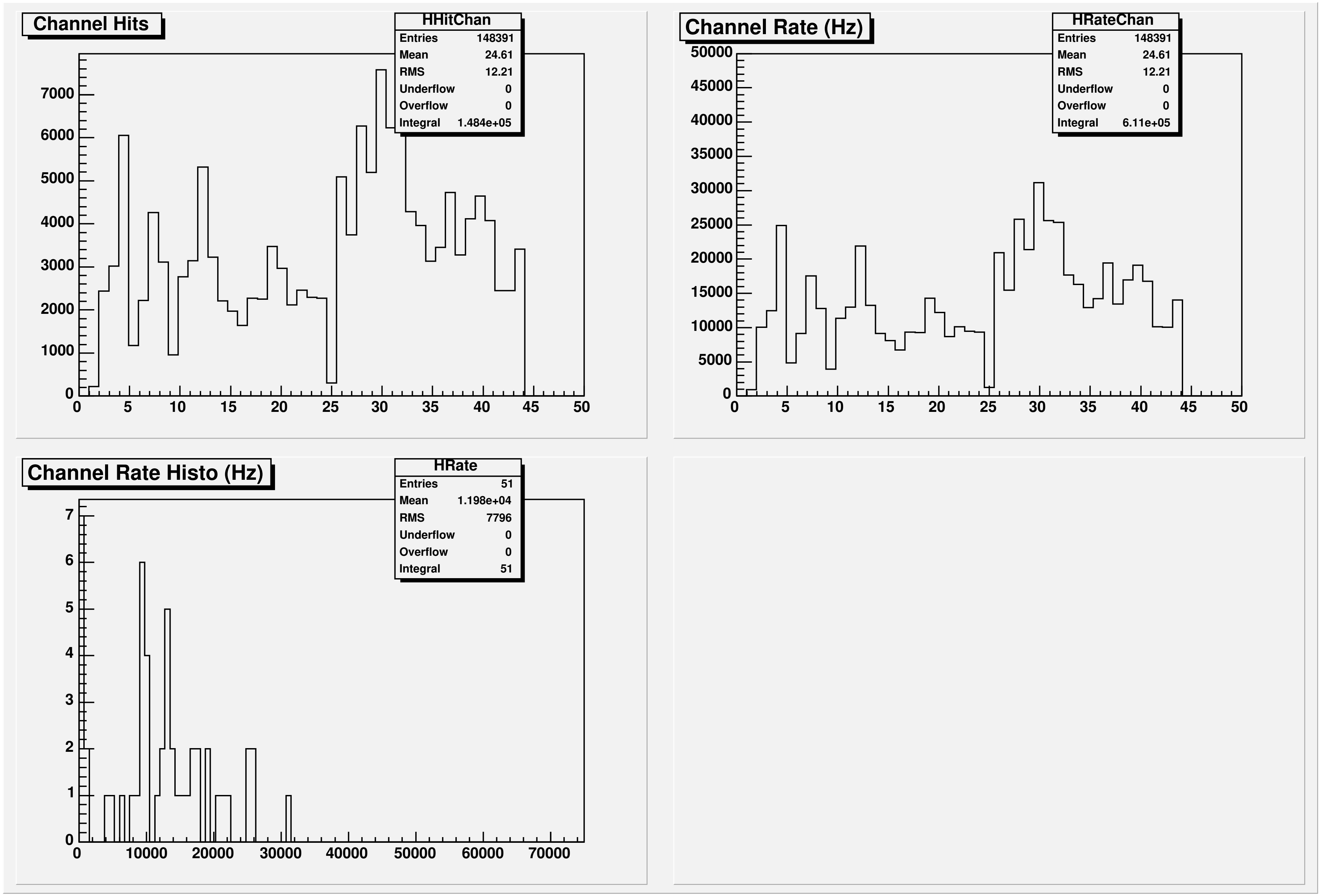
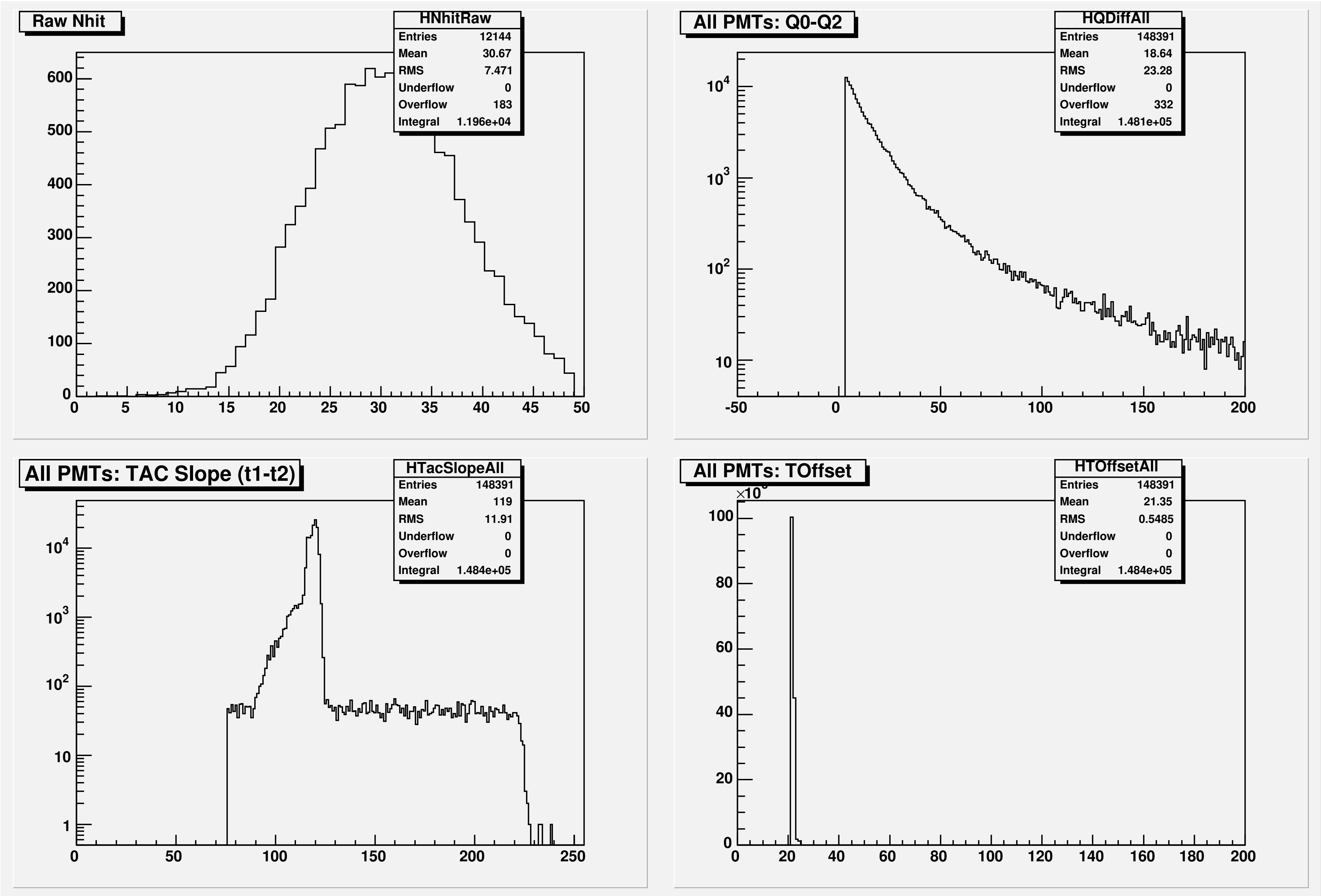
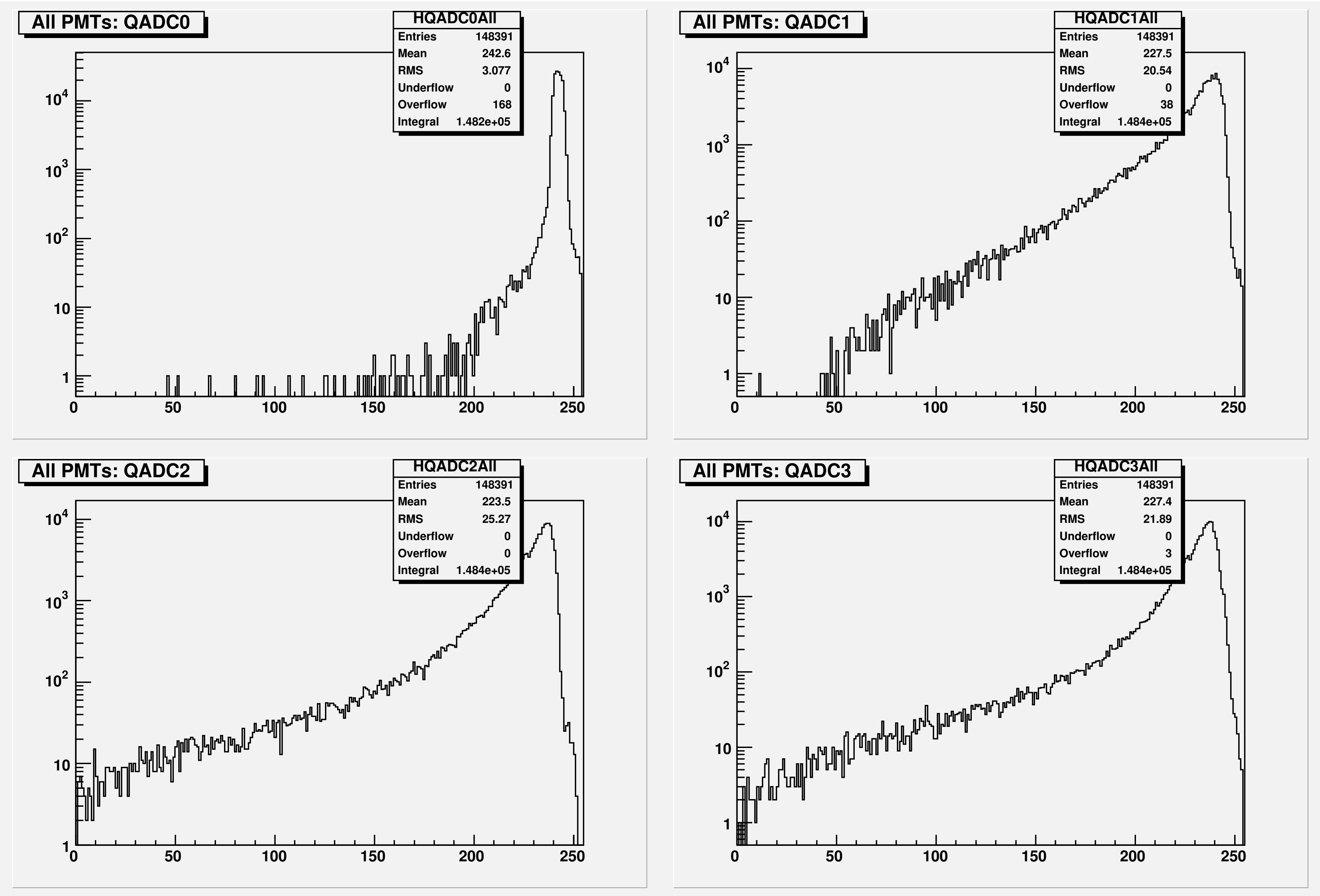
RUN: VlandUnCal Run11475 LEDTCut-QCut

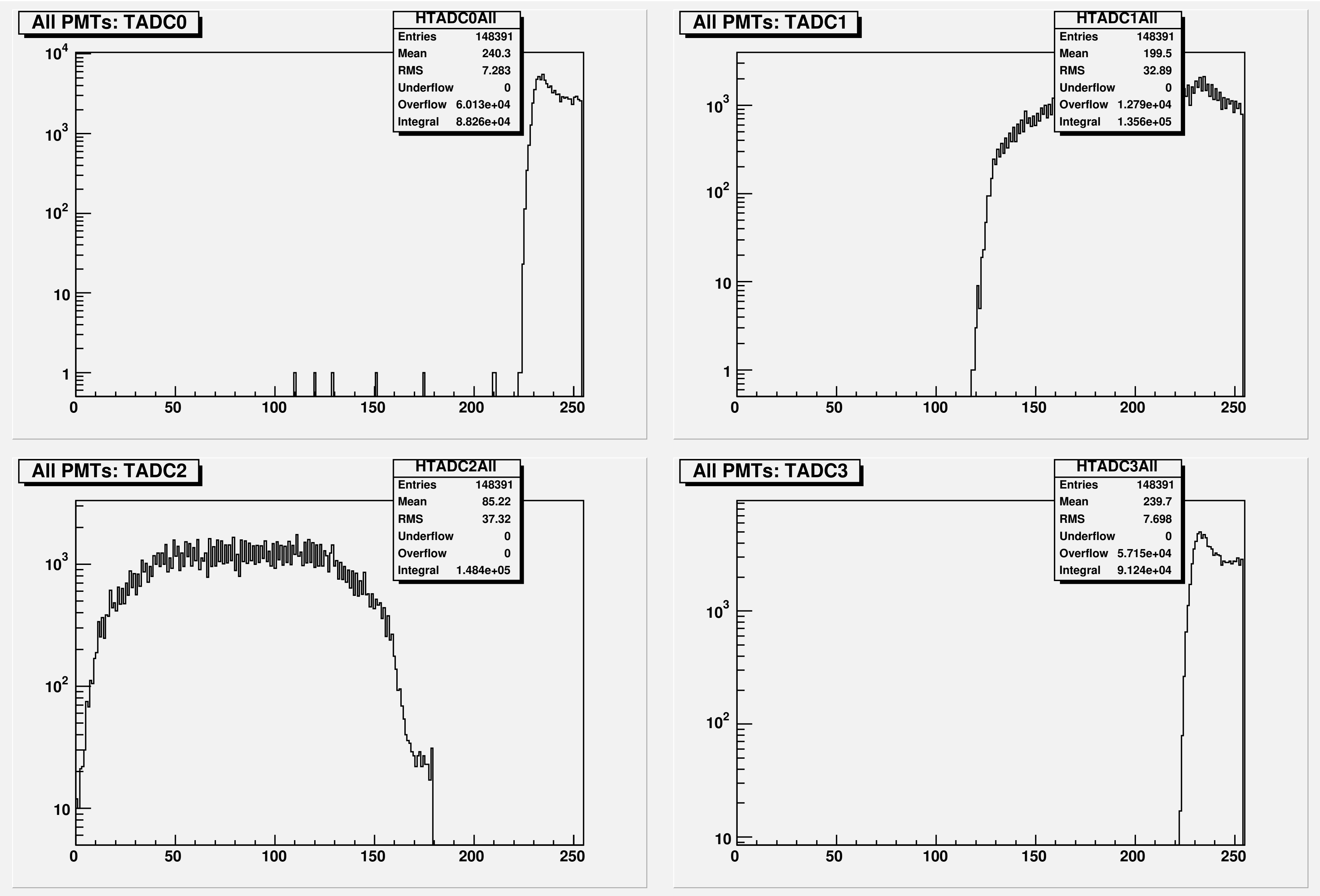


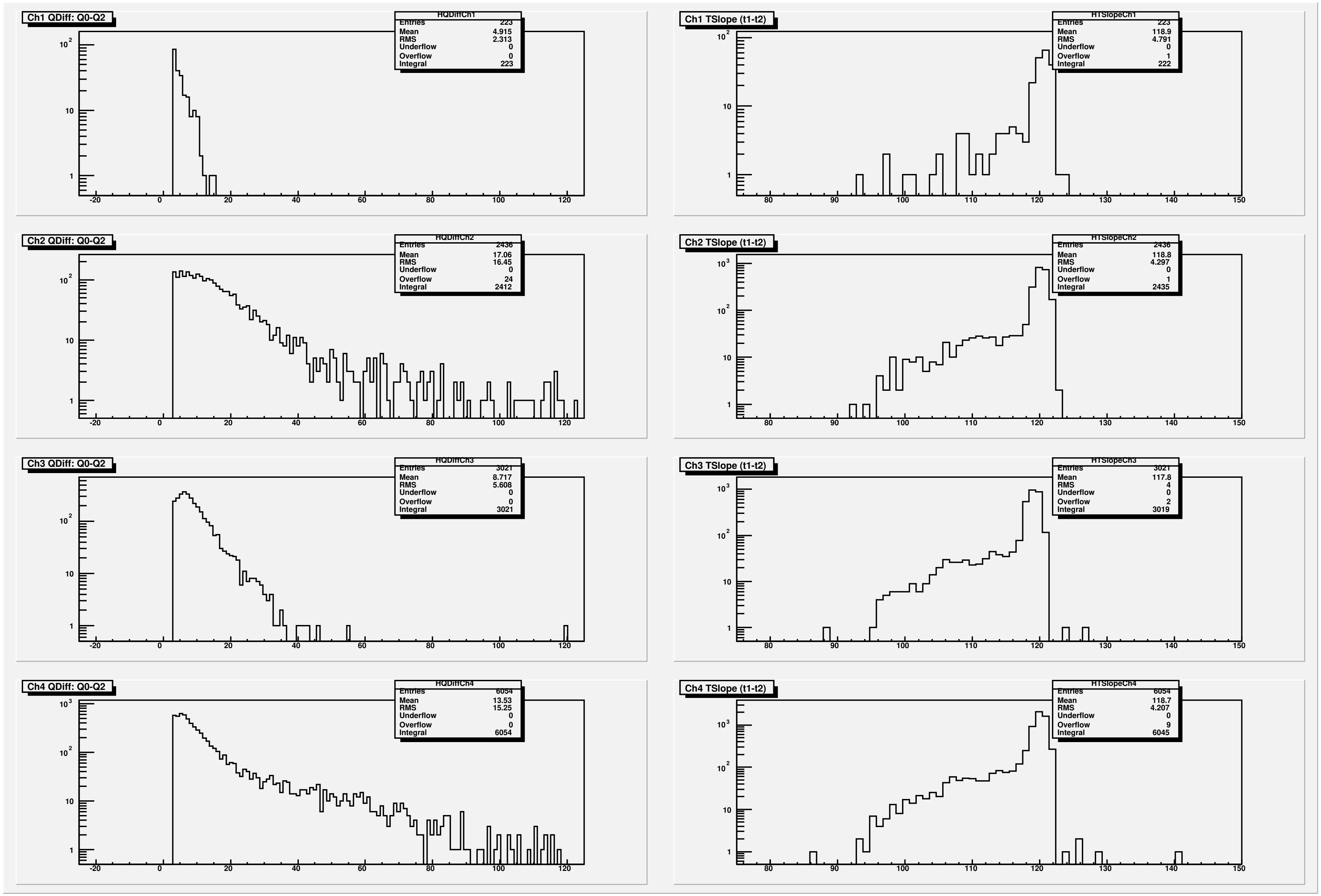
Channel Hits
HHitChan
Entries 148391
Mean 24.61
RMS 12.21
Underflow 0
Overflow 0
Integral 1.484e+05
Channel Rate (Hz)
HRateChan
Entries 148391
Mean 24.61
RMS 12.21
Underflow 0
Overflow 0
Integral 6.11e+05
Channel Rate Histo (Hz)
HRate
Entries 51
Mean 1.198e+04
RMS 7796
Underflow 0
Overflow 0
Integral 51

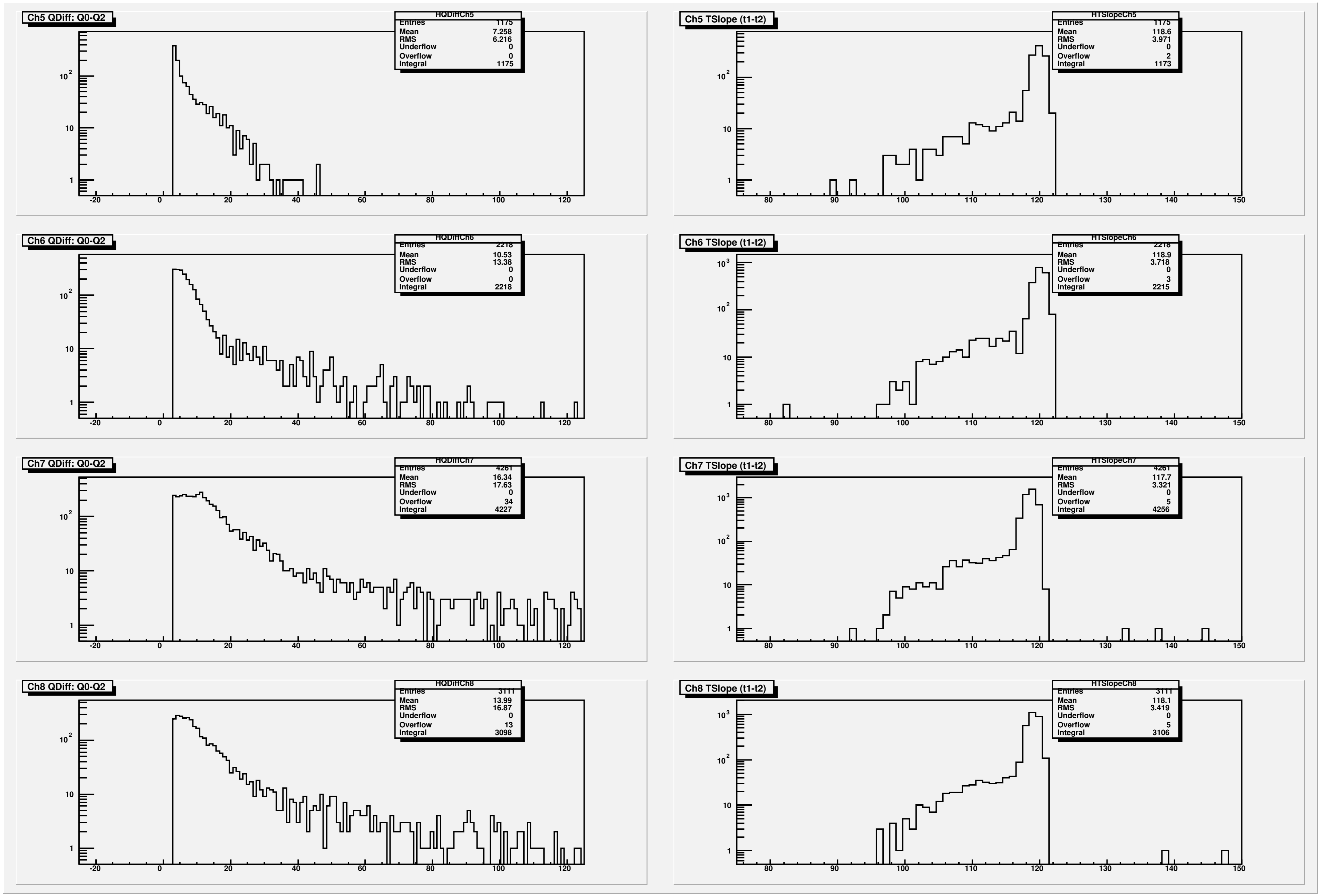

Raw Nhit
HNhitRaw
Entries 12144
Mean 30.67
RMS 7.471
Underflow 0
Overflow 183
Integral 1.196e+04
All PMTs: Q0-Q2
HQDiffAll
Entries 148391
Mean 18.64
RMS 23.28
Underflow 0
Overflow 332
Integral 1.481e+05
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 148391
Mean 119
RMS 11.91
Underflow 0
Overflow 0
Integral 1.484e+05
All PMTs: TOffset
HTOffsetAll
Entries 148391
Mean 21.35
RMS 0.5485
Underflow 0
Overflow 0
Integral 1.484e+05



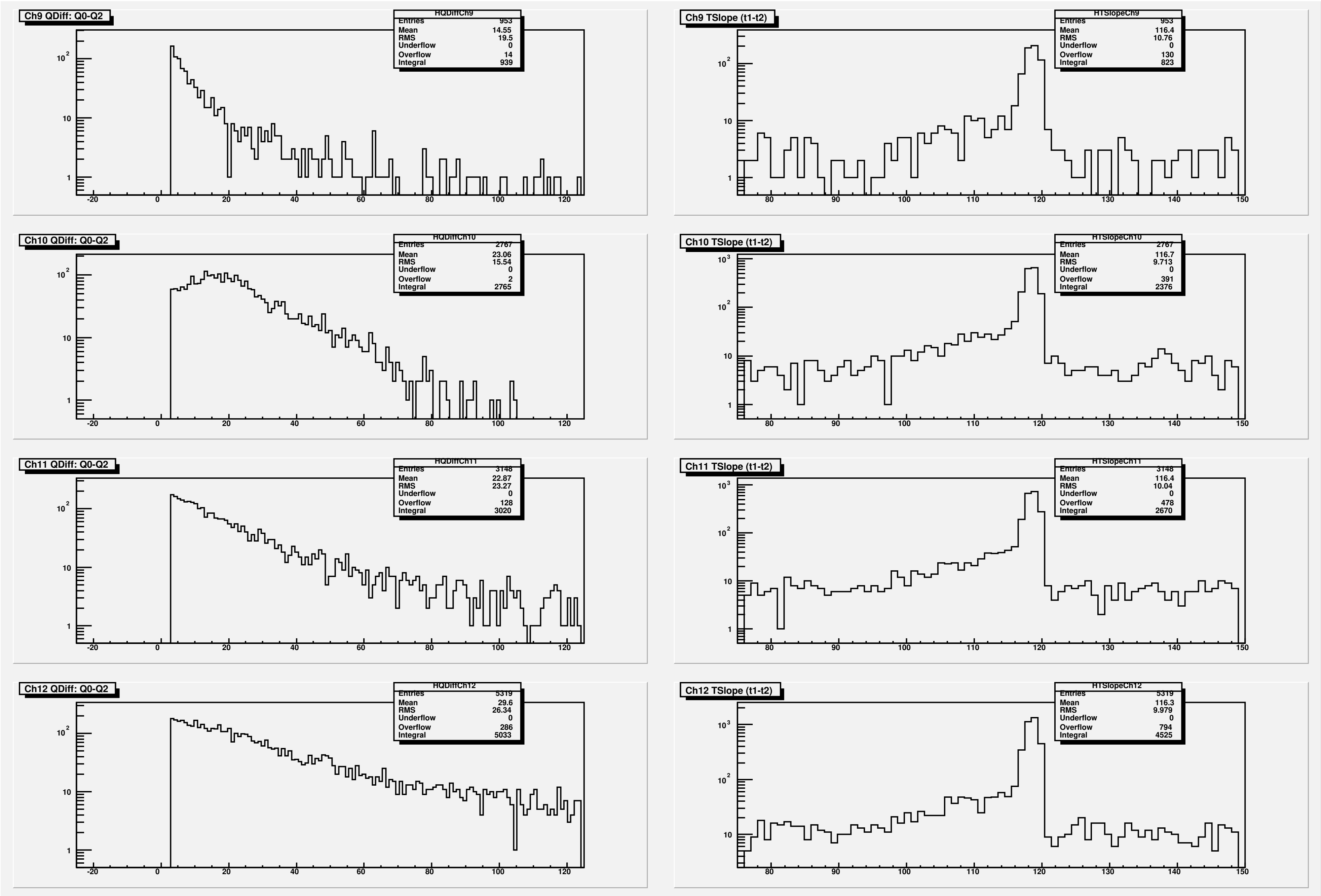
All PMTs: QADC0
HQADC0All
Entries 148391
Mean 242.6
RMS 3.077
Underflow 0
Overflow 168
Integral 1.482e+05
All PMTs: QADC1
HQADC1All
Entries 148391
Mean 227.5
RMS 20.54
Underflow 0
Overflow 38
Integral 1.484e+05
All PMTs: QADC2
HQADC2All
Entries 148391
Mean 223.5
RMS 25.27
Underflow 0
Overflow 0
Integral 1.484e+05
All PMTs: QADC3
HQADC3All
Entries 148391
Mean 227.4
RMS 21.89
Underflow 0
Overflow 3
Integral 1.484e+05
1
10
10^2
10^3
10^4
0
50
100
150
200
250

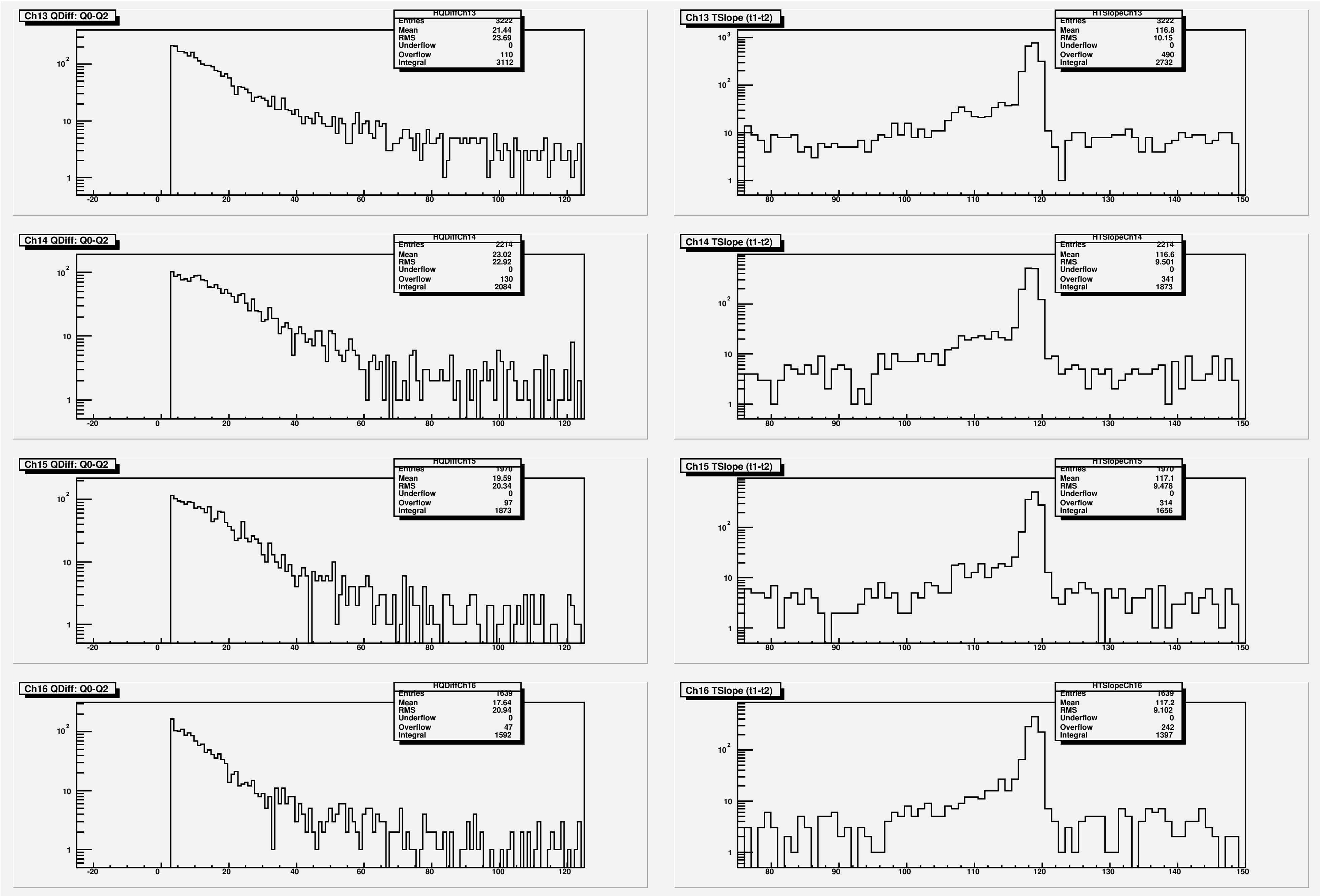

All PMTs: TADC0
HTADC0All
Entries 148391
Mean 240.3
RMS 7.283
Underflow 0
Overflow 6.013e+04
Integral 8.826e+04
All PMTs: TADC1
HTADC1All
Entries 148391
Mean 199.5
RMS 32.89
Underflow 0
Overflow 1.279e+04
Integral 1.356e+05
All PMTs: TADC2
HTADC2All
Entries 148391
Mean 85.22
RMS 37.32
Underflow 0
Overflow 0
Integral 1.484e+05
All PMTs: TADC3
HTADC3All
Entries 148391
Mean 239.7
RMS 7.698
Underflow 0
Overflow 5.715e+04
Integral 9.124e+04
0
50
100
150
200
250

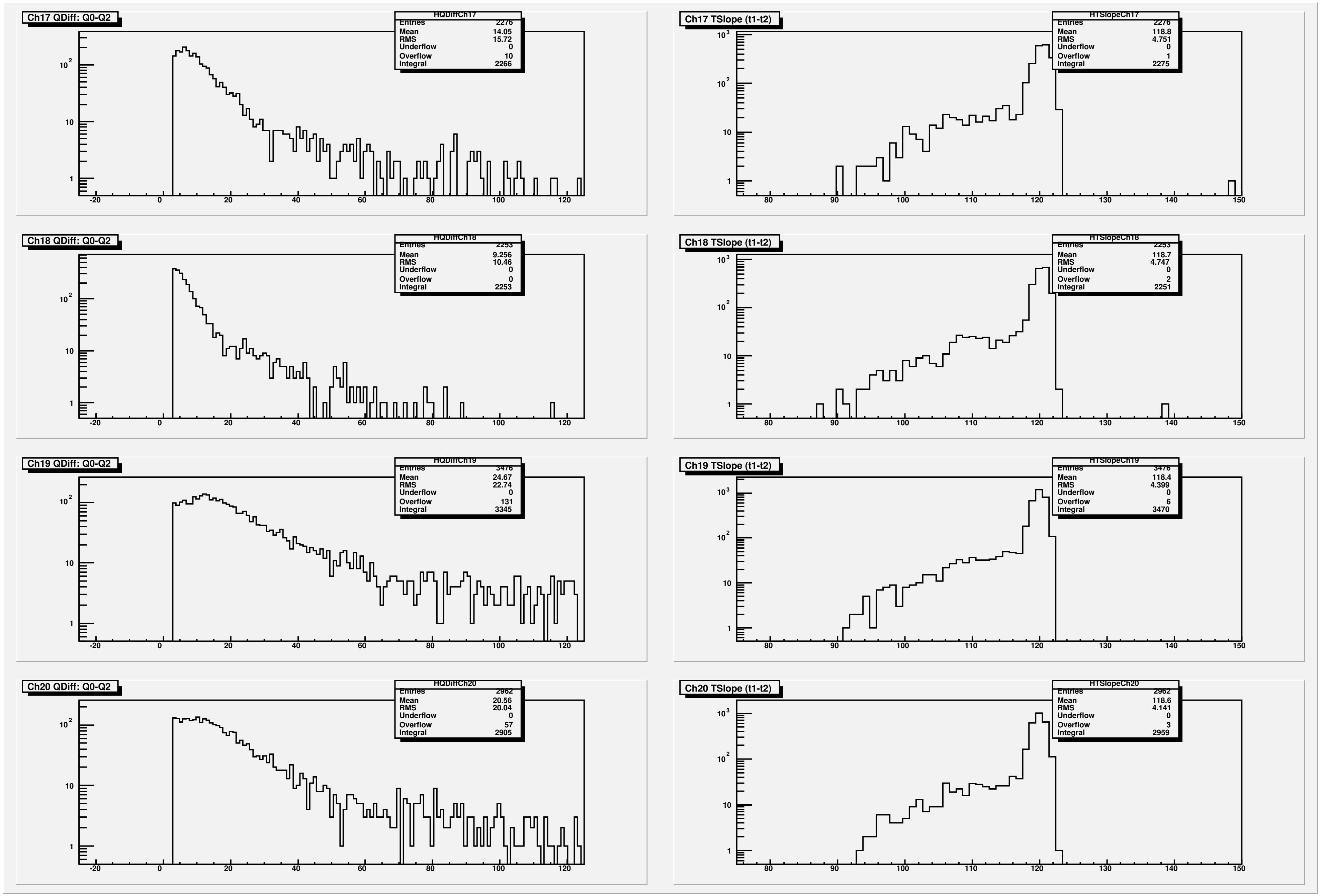

Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 223
Mean 4.915
RMS 2.313
Underflow 0
Overflow 0
Integral 223
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 223
Mean 118.9
RMS 4.791
Underflow 0
Overflow 1
Integral 222
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 2436
Mean 17.06
RMS 16.45
Underflow 0
Overflow 24
Integral 2412
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 2436
Mean 118.8
RMS 4.297
Underflow 0
Overflow 1
Integral 2435
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 3021
Mean 8.717
RMS 5.608
Underflow 0
Overflow 0
Integral 3021
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 3021
Mean 117.8
RMS 4
Underflow 0
Overflow 2
Integral 3019
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 6054
Mean 13.53
RMS 15.25
Underflow 0
Overflow 0
Integral 6054
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 6054
Mean 118.7
RMS 4.207
Underflow 0
Overflow 9
Integral 6045



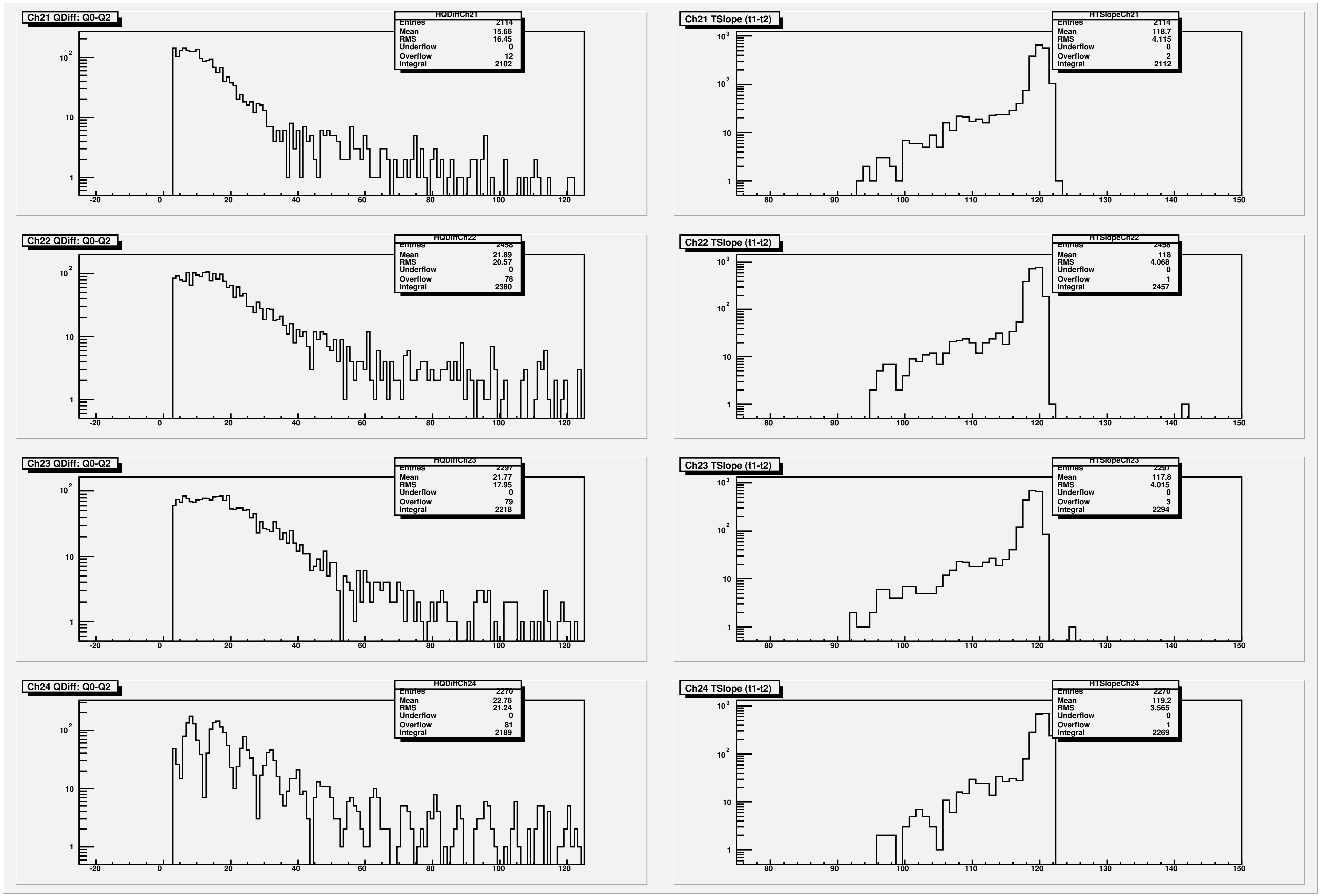
Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 1175
Mean 7.258
RMS 6.216
Underflow 0
Overflow 0
Integral 1175
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 1175
Mean 118.6
RMS 3.971
Underflow 0
Overflow 2
Integral 1173
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 2218
Mean 10.53
RMS 13.38
Underflow 0
Overflow 0
Integral 2218
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 2218
Mean 118.9
RMS 3.718
Underflow 0
Overflow 3
Integral 2215
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 4261
Mean 16.34
RMS 17.63
Underflow 0
Overflow 34
Integral 4227
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 4261
Mean 117.7
RMS 3.321
Underflow 0
Overflow 5
Integral 4256
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 3111
Mean 13.99
RMS 16.87
Underflow 0
Overflow 13
Integral 3098
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 3111
Mean 118.1
RMS 3.419
Underflow 0
Overflow 5
Integral 3106


Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 953
Mean 14.55
RMS 19.5
Underflow 0
Overflow 14
Integral 939
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 953
Mean 116.4
RMS 10.76
Underflow 0
Overflow 130
Integral 823
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 2767
Mean 23.06
RMS 15.54
Underflow 0
Overflow 2
Integral 2765
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 2767
Mean 116.7
RMS 9.713
Underflow 0
Overflow 391
Integral 2376
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 3148
Mean 22.87
RMS 23.27
Underflow 0
Overflow 128
Integral 3020
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 3148
Mean 116.4
RMS 10.04
Underflow 0
Overflow 478
Integral 2670
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 5319
Mean 29.6
RMS 26.34
Underflow 0
Overflow 286
Integral 5033
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 5319
Mean 116.3
RMS 9.979
Underflow 0
Overflow 794
Integral 4525

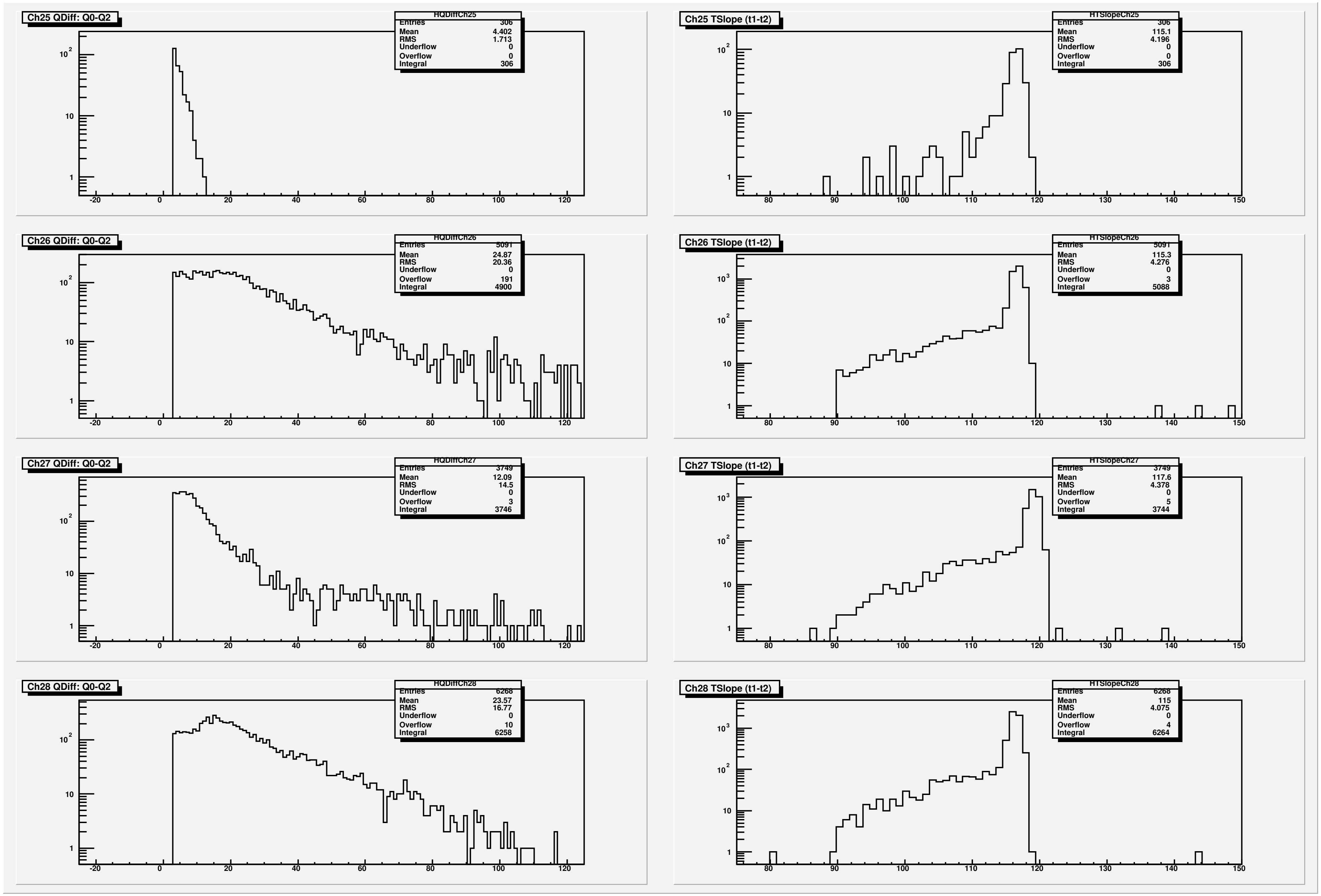

Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 3222
Mean 21.44
RMS 23.69
Underflow 0
Overflow 110
Integral 3112
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 3222
Mean 116.8
RMS 10.15
Underflow 0
Overflow 490
Integral 2732
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 2214
Mean 23.02
RMS 22.92
Underflow 0
Overflow 130
Integral 2084
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 2214
Mean 116.6
RMS 9.501
Underflow 0
Overflow 341
Integral 1873
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 1970
Mean 19.59
RMS 20.34
Underflow 0
Overflow 97
Integral 1873
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 1970
Mean 117.1
RMS 9.478
Underflow 0
Overflow 314
Integral 1656
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 1639
Mean 17.64
RMS 20.94
Underflow 0
Overflow 47
Integral 1592
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 1639
Mean 117.2
RMS 9.102
Underflow 0
Overflow 242
Integral 1397

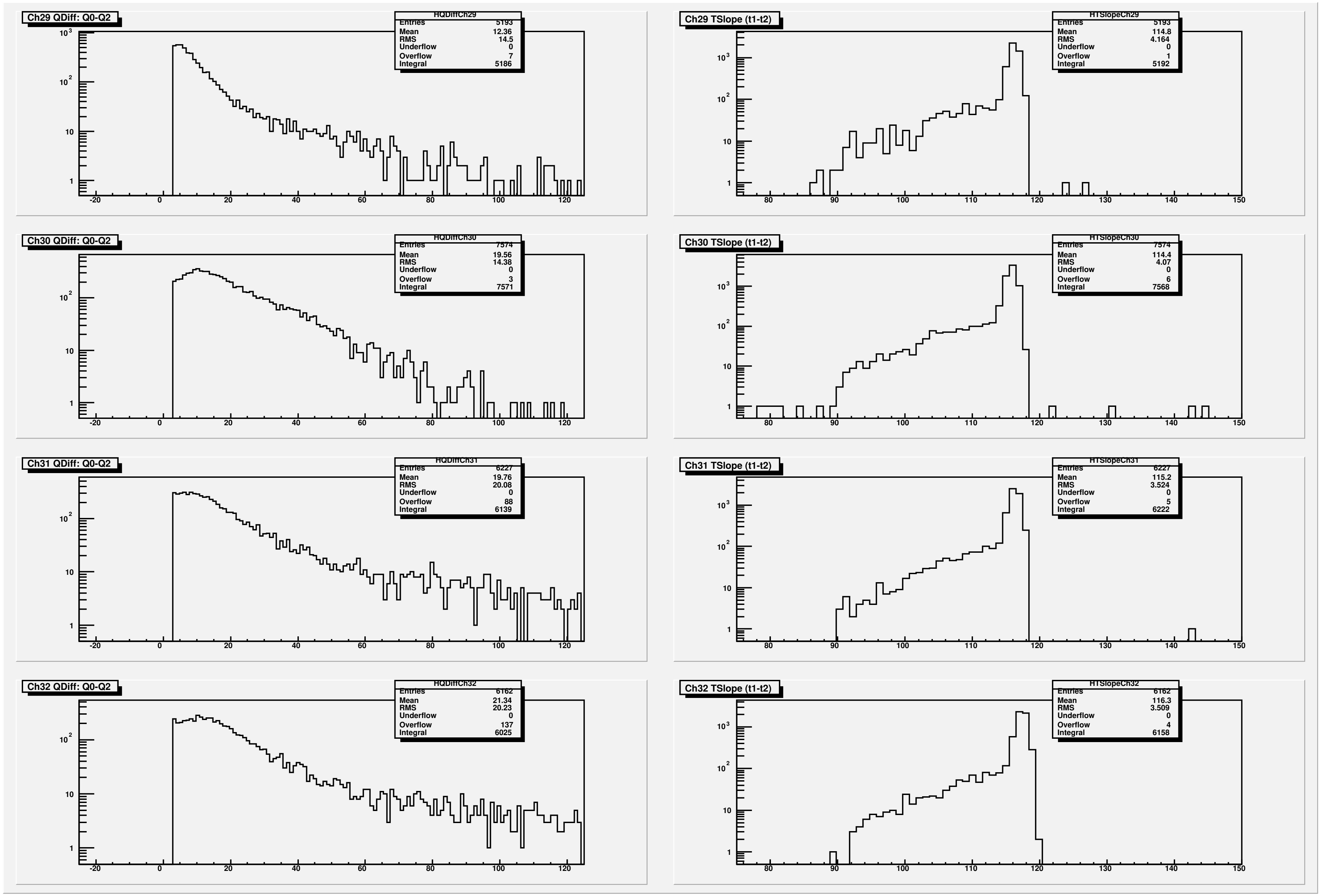


Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 2276
Mean 14.05
RMS 15.72
Underflow 0
Overflow 10
Integral 2266
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 2276
Mean 118.8
RMS 4.751
Underflow 0
Overflow 1
Integral 2275
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 2253
Mean 9.256
RMS 10.46
Underflow 0
Overflow 0
Integral 2253
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 2253
Mean 118.7
RMS 4.747
Underflow 0
Overflow 2
Integral 2251
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 3476
Mean 24.67
RMS 22.74
Underflow 0
Overflow 131
Integral 3345
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 3476
Mean 118.4
RMS 4.399
Underflow 0
Overflow 6
Integral 3470
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 2962
Mean 20.56
RMS 20.04
Underflow 0
Overflow 57
Integral 2905
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 2962
Mean 118.6
RMS 4.141
Underflow 0
Overflow 3
Integral 2959

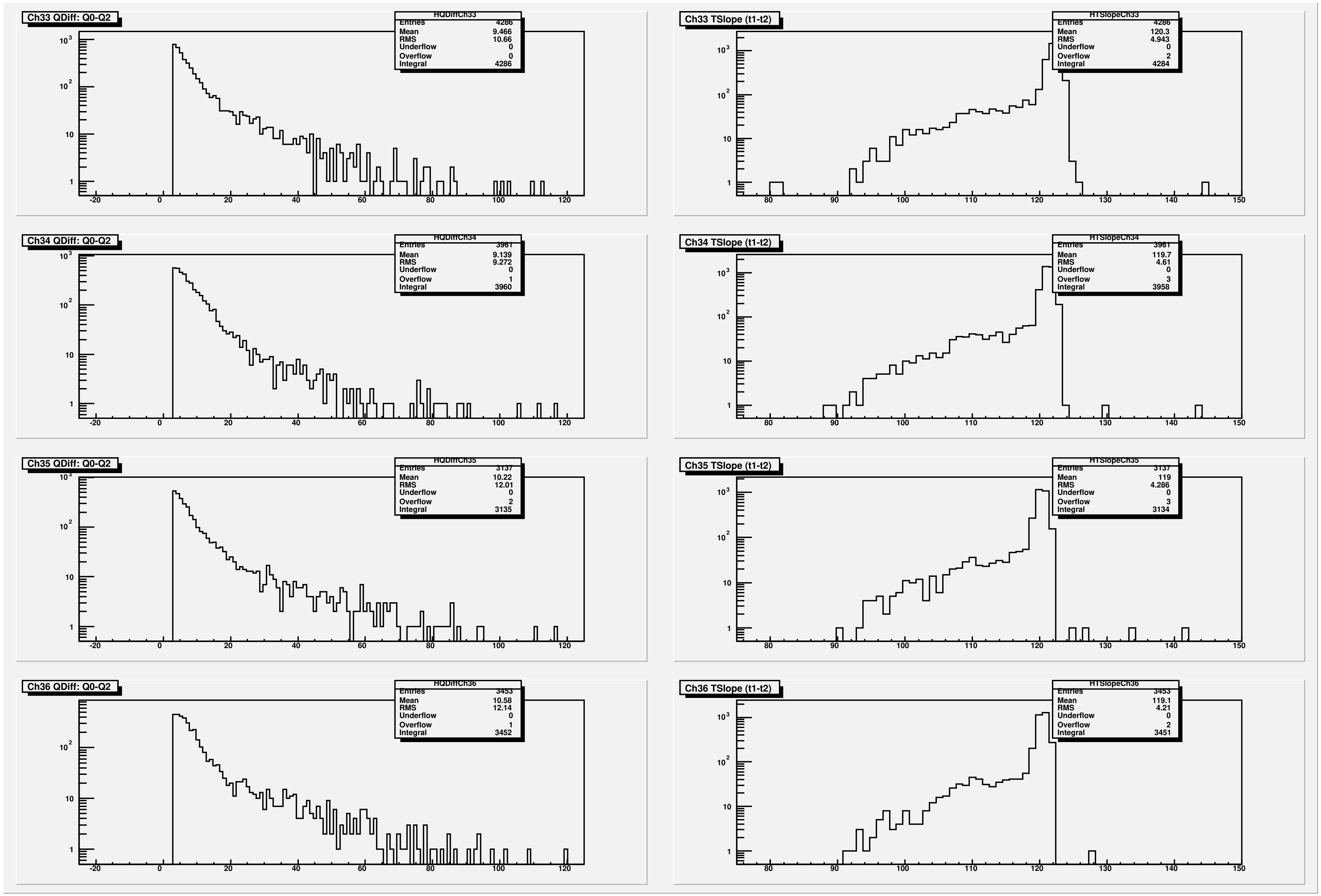


Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 2114
Mean 15.66
RMS 16.45
Underflow 0
Overflow 12
Integral 2102
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 2114
Mean 118.7
RMS 4.115
Underflow 0
Overflow 2
Integral 2112
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 2458
Mean 21.89
RMS 20.57
Underflow 0
Overflow 78
Integral 2380
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 2458
Mean 118
RMS 4.068
Underflow 0
Overflow 1
Integral 2457
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 2297
Mean 21.77
RMS 17.95
Underflow 0
Overflow 79
Integral 2218
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 2297
Mean 117.8
RMS 4.015
Underflow 0
Overflow 3
Integral 2294
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 2270
Mean 22.76
RMS 21.24
Underflow 0
Overflow 81
Integral 2189
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 2270
Mean 119.2
RMS 3.565
Underflow 0
Overflow 1
Integral 2269

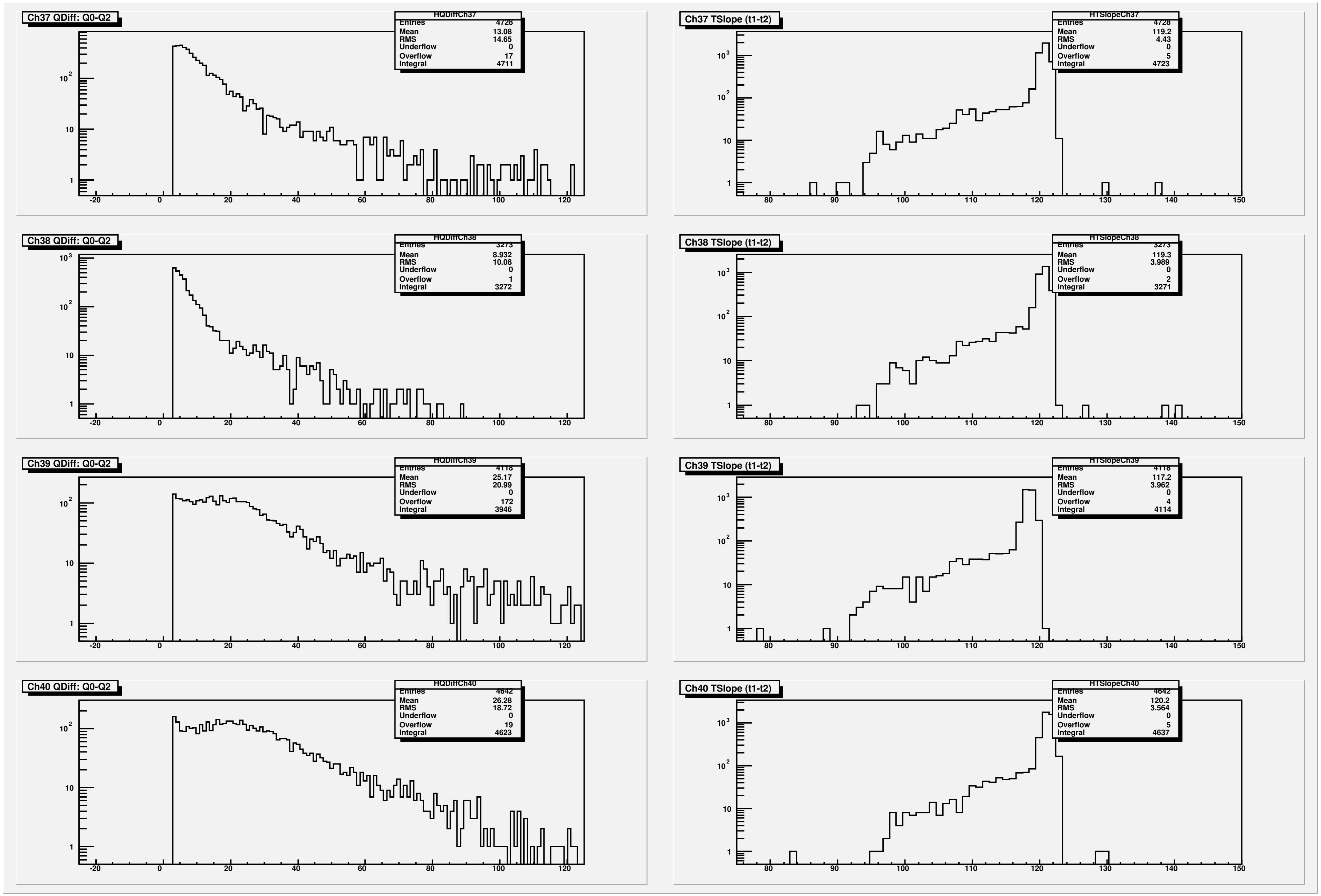

Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 306
Mean 4.402
RMS 1.713
Underflow 0
Overflow 0
Integral 306
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 306
Mean 115.1
RMS 4.196
Underflow 0
Overflow 0
Integral 306
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 5091
Mean 24.87
RMS 20.36
Underflow 0
Overflow 191
Integral 4900
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 5091
Mean 115.3
RMS 4.276
Underflow 0
Overflow 3
Integral 5088
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 3749
Mean 12.09
RMS 14.5
Underflow 0
Overflow 3
Integral 3746
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 3749
Mean 117.6
RMS 4.378
Underflow 0
Overflow 5
Integral 3744
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 6268
Mean 23.57
RMS 16.77
Underflow 0
Overflow 10
Integral 6258
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 6268
Mean 115
RMS 4.075
Underflow 0
Overflow 4
Integral 6264



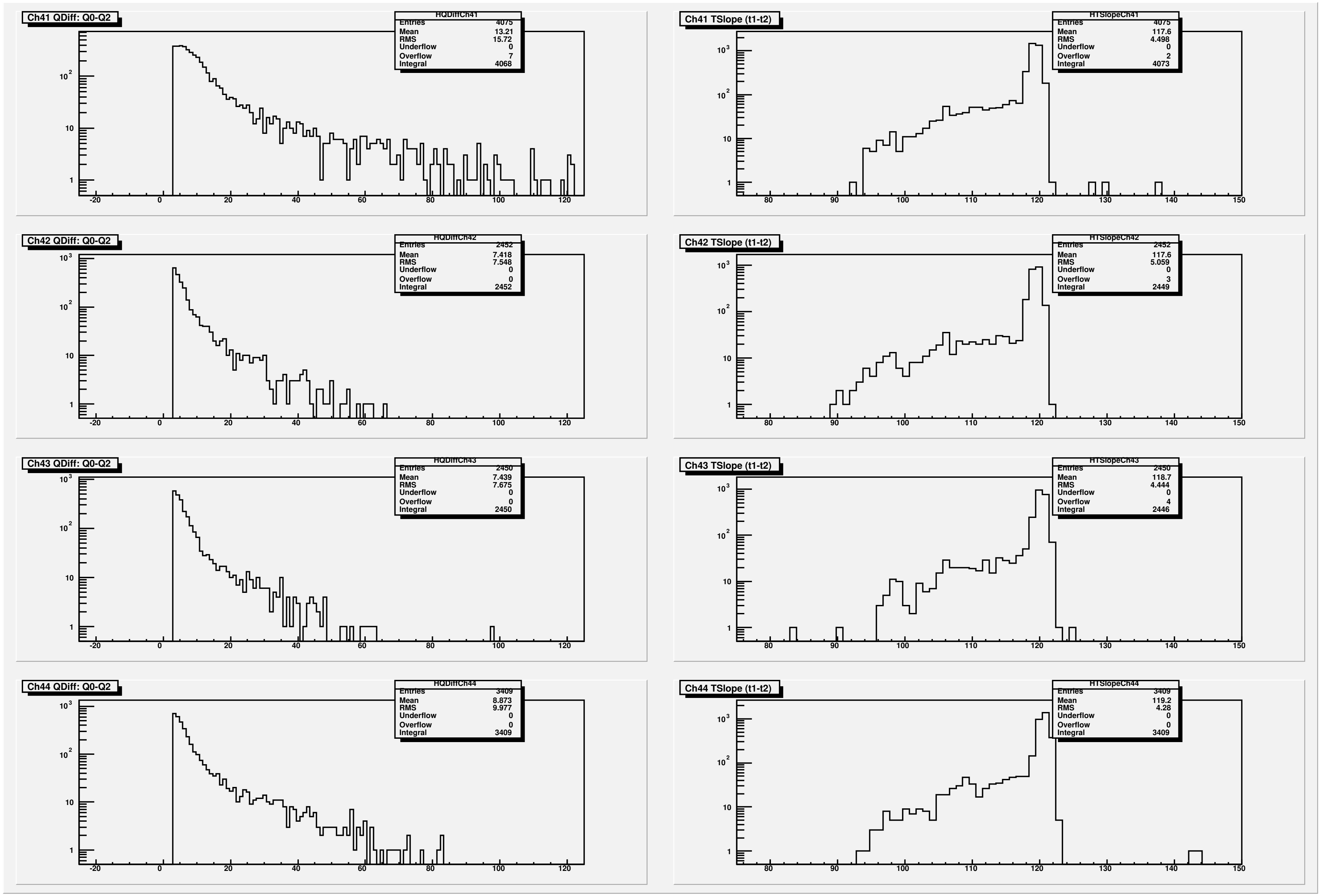
Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 5193
Mean 12.36
RMS 14.5
Underflow 0
Overflow 7
Integral 5186
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 5193
Mean 114.8
RMS 4.164
Underflow 0
Overflow 1
Integral 5192
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 7574
Mean 19.56
RMS 14.38
Underflow 0
Overflow 3
Integral 7571
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 7574
Mean 114.4
RMS 4.07
Underflow 0
Overflow 6
Integral 7568
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 6227
Mean 19.76
RMS 20.08
Underflow 0
Overflow 88
Integral 6139
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 6227
Mean 115.2
RMS 3.524
Underflow 0
Overflow 5
Integral 6222
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 6162
Mean 21.34
RMS 20.23
Underflow 0
Overflow 137
Integral 6025
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 6162
Mean 116.3
RMS 3.509
Underflow 0
Overflow 4
Integral 6158



Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 4286
Mean 9.466
RMS 10.66
Underflow 0
Overflow 0
Integral 4286
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 4286
Mean 120.3
RMS 4.943
Underflow 0
Overflow 2
Integral 4284
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 3961
Mean 9.139
RMS 9.272
Underflow 0
Overflow 1
Integral 3960
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 3961
Mean 119.7
RMS 4.61
Underflow 0
Overflow 3
Integral 3958
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 3137
Mean 10.22
RMS 12.01
Underflow 0
Overflow 2
Integral 3135
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 3137
Mean 119
RMS 4.286
Underflow 0
Overflow 3
Integral 3134
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 3453
Mean 10.58
RMS 12.14
Underflow 0
Overflow 1
Integral 3452
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 3453
Mean 119.1
RMS 4.21
Underflow 0
Overflow 2
Integral 3451



Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 4728
Mean 13.08
RMS 14.65
Underflow 0
Overflow 17
Integral 4711
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 4728
Mean 119.2
RMS 4.43
Underflow 0
Overflow 5
Integral 4723
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 3273
Mean 8.932
RMS 10.08
Underflow 0
Overflow 1
Integral 3272
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 3273
Mean 119.3
RMS 3.989
Underflow 0
Overflow 2
Integral 3271
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 4118
Mean 25.17
RMS 20.99
Underflow 0
Overflow 172
Integral 3946
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 4118
Mean 117.2
RMS 3.962
Underflow 0
Overflow 4
Integral 4114
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 4642
Mean 26.28
RMS 18.72
Underflow 0
Overflow 19
Integral 4623
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 4642
Mean 120.2
RMS 3.564
Underflow 0
Overflow 5
Integral 4637


Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 4075
Mean 13.21
RMS 15.72
Underflow 0
Overflow 7
Integral 4068
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 4075
Mean 117.6
RMS 4.498
Underflow 0
Overflow 2
Integral 4073
Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 2452
Mean 7.418
RMS 7.548
Underflow 0
Overflow 0
Integral 2452
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 2452
Mean 117.6
RMS 5.059
Underflow 0
Overflow 3
Integral 2449
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 2450
Mean 7.439
RMS 7.675
Underflow 0
Overflow 0
Integral 2450
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 2450
Mean 118.7
RMS 4.444
Underflow 0
Overflow 4
Integral 2446
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 3409
Mean 8.873
RMS 9.977
Underflow 0
Overflow 0
Integral 3409
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 3409
Mean 119.2
RMS 4.28
Underflow 0
Overflow 0
Integral 3409