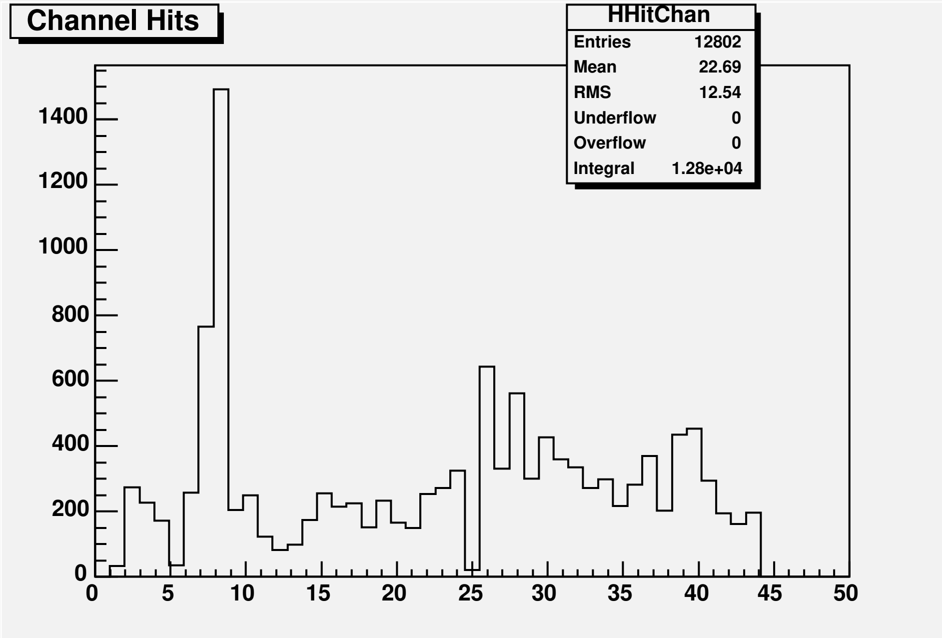
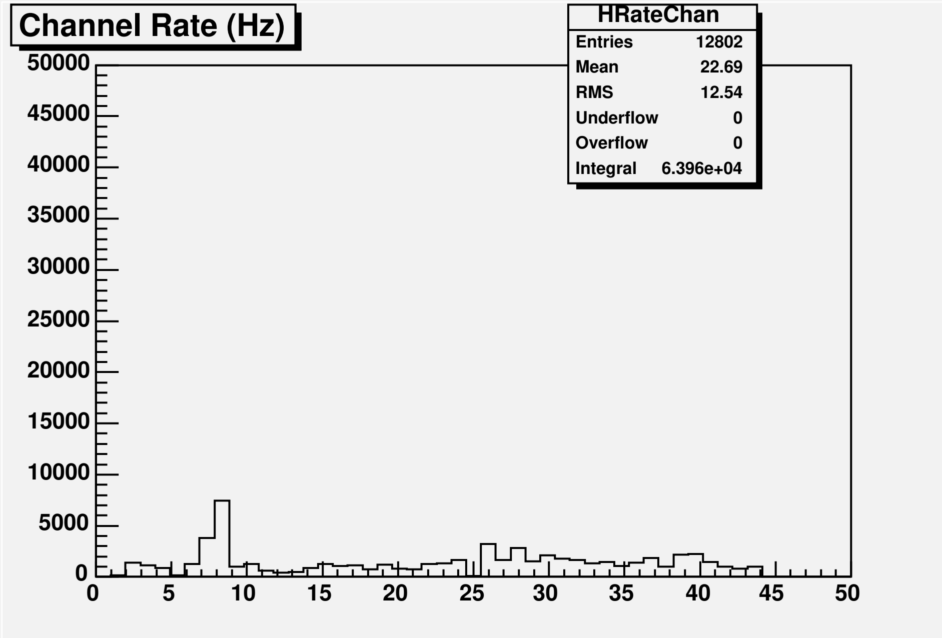
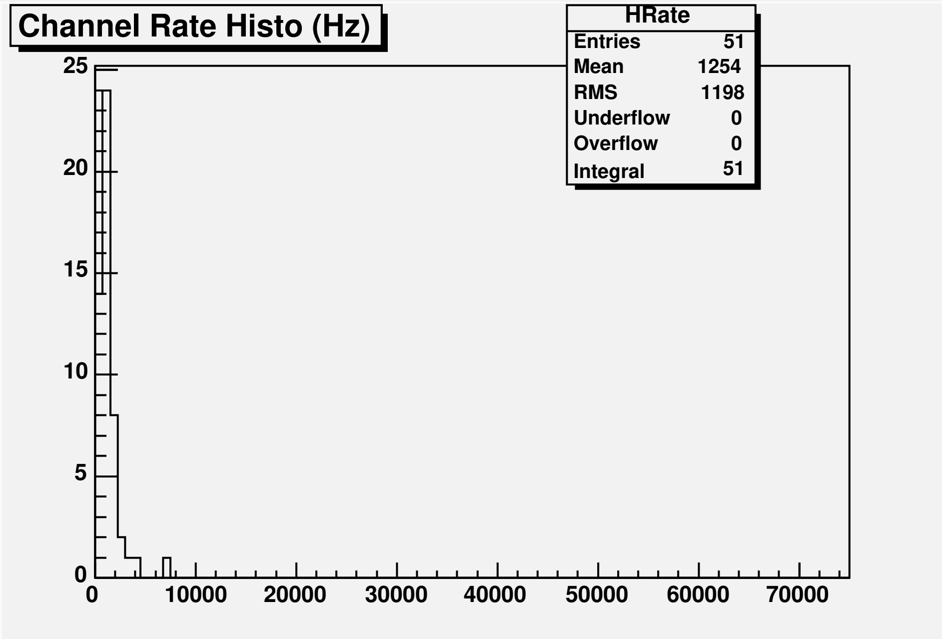
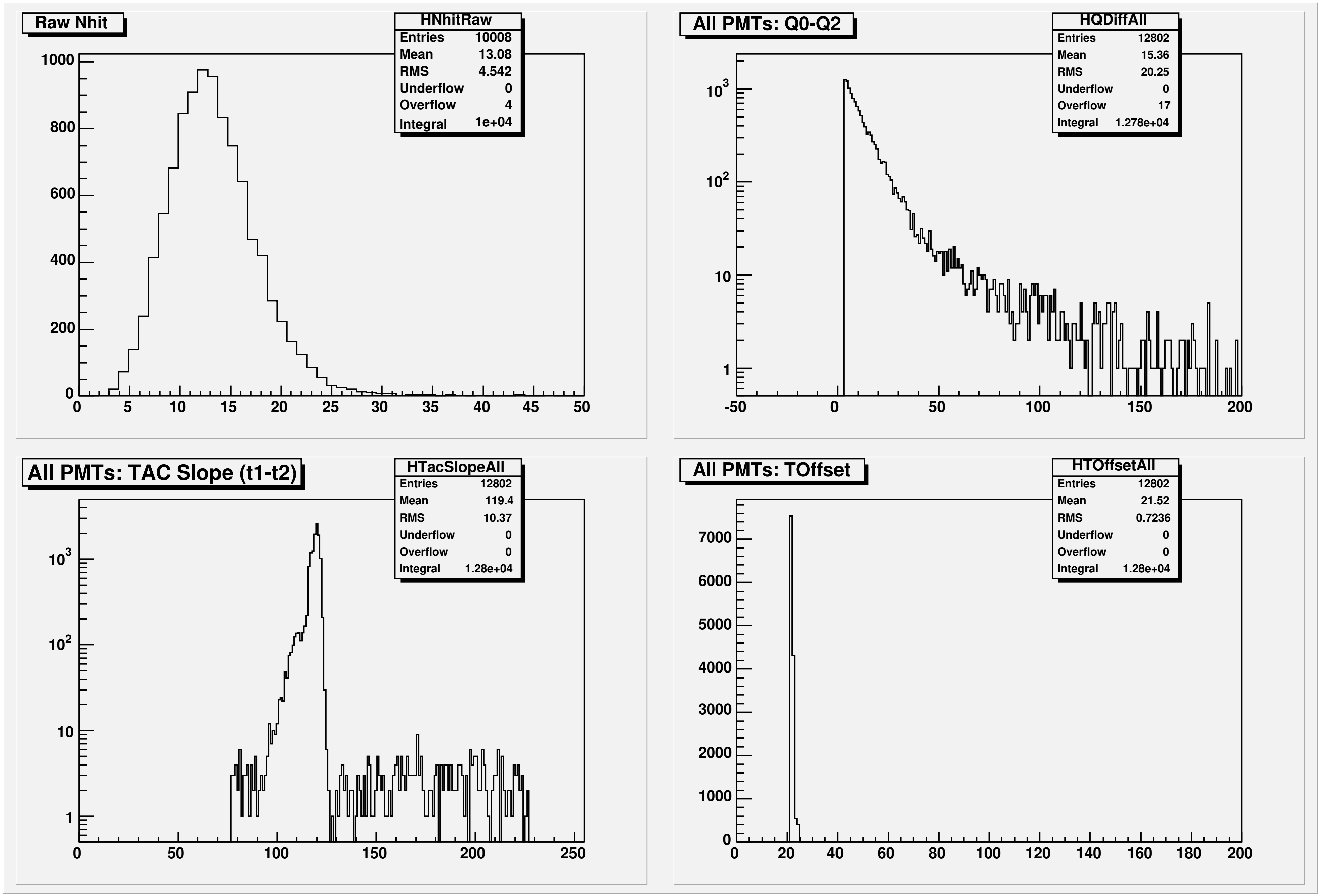
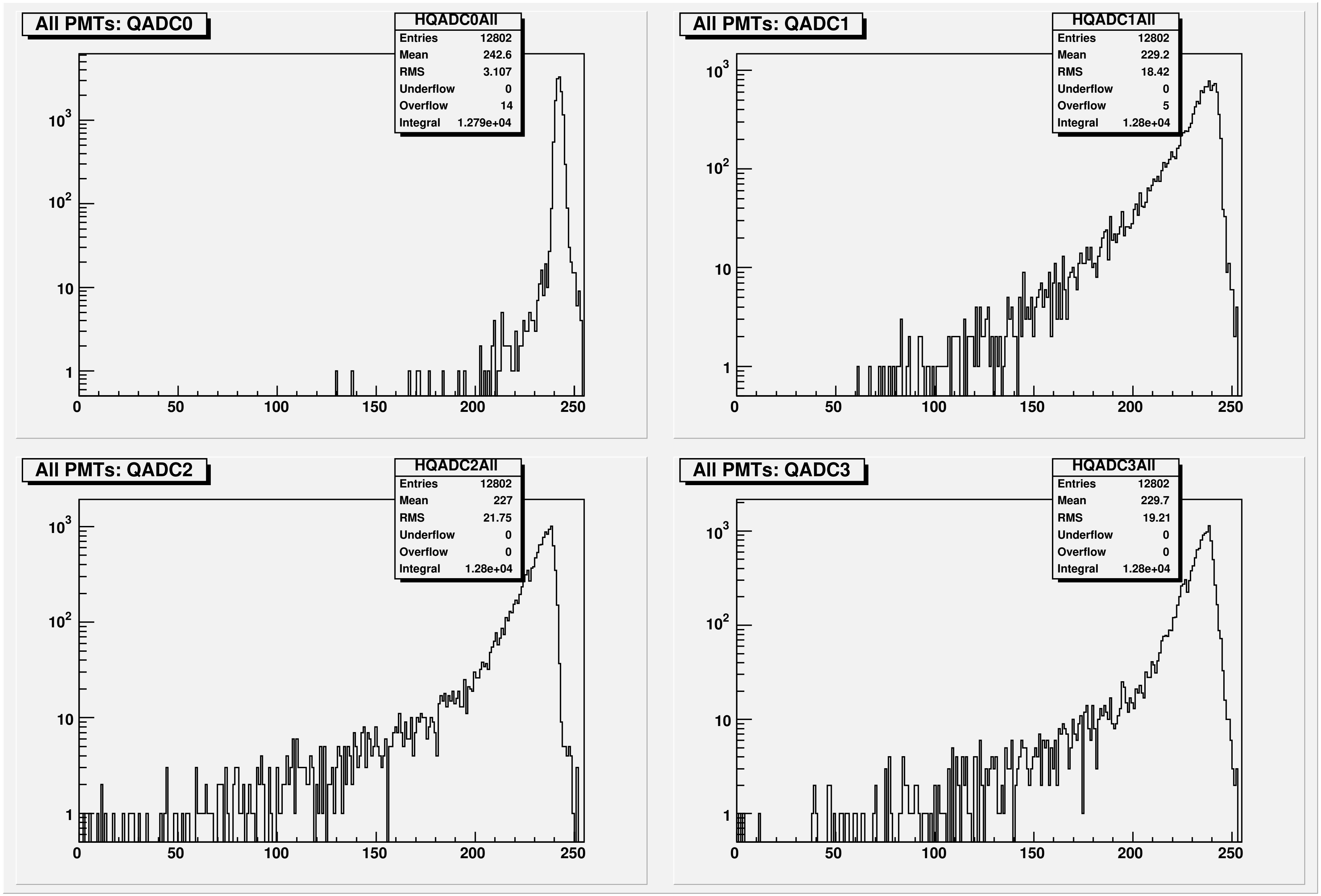
RUN: VlandUnCal Run11470 LEDTCut-QCut

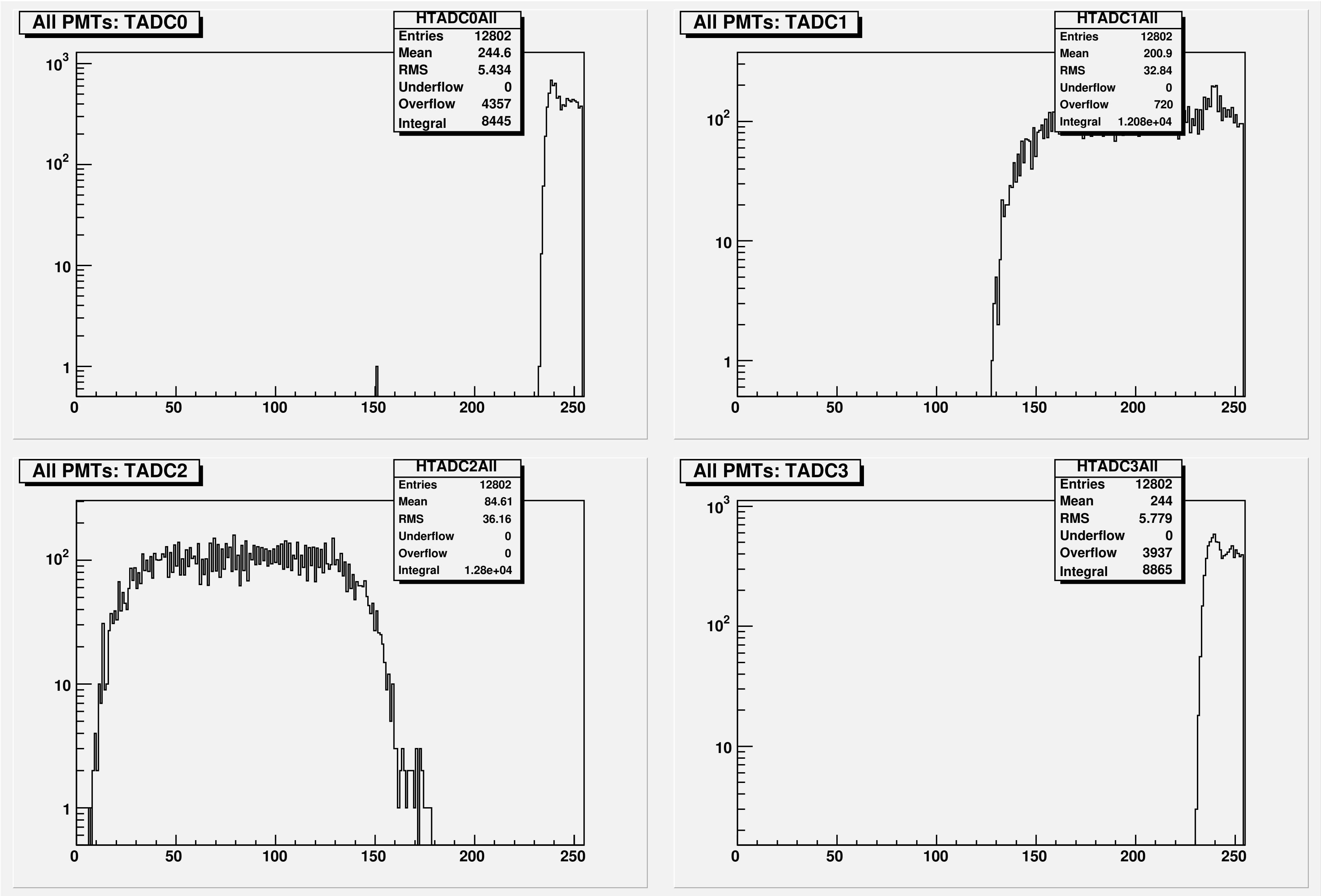

Channel Hits
HHitChan
Entries 12802
Mean 22.69
RMS 12.54
Underflow 0
Overflow 0
Integral 1.28e+04
0 200 400 600 800 1000 1200 1400
0 5 10 15 20 25 30 35 40 45 50

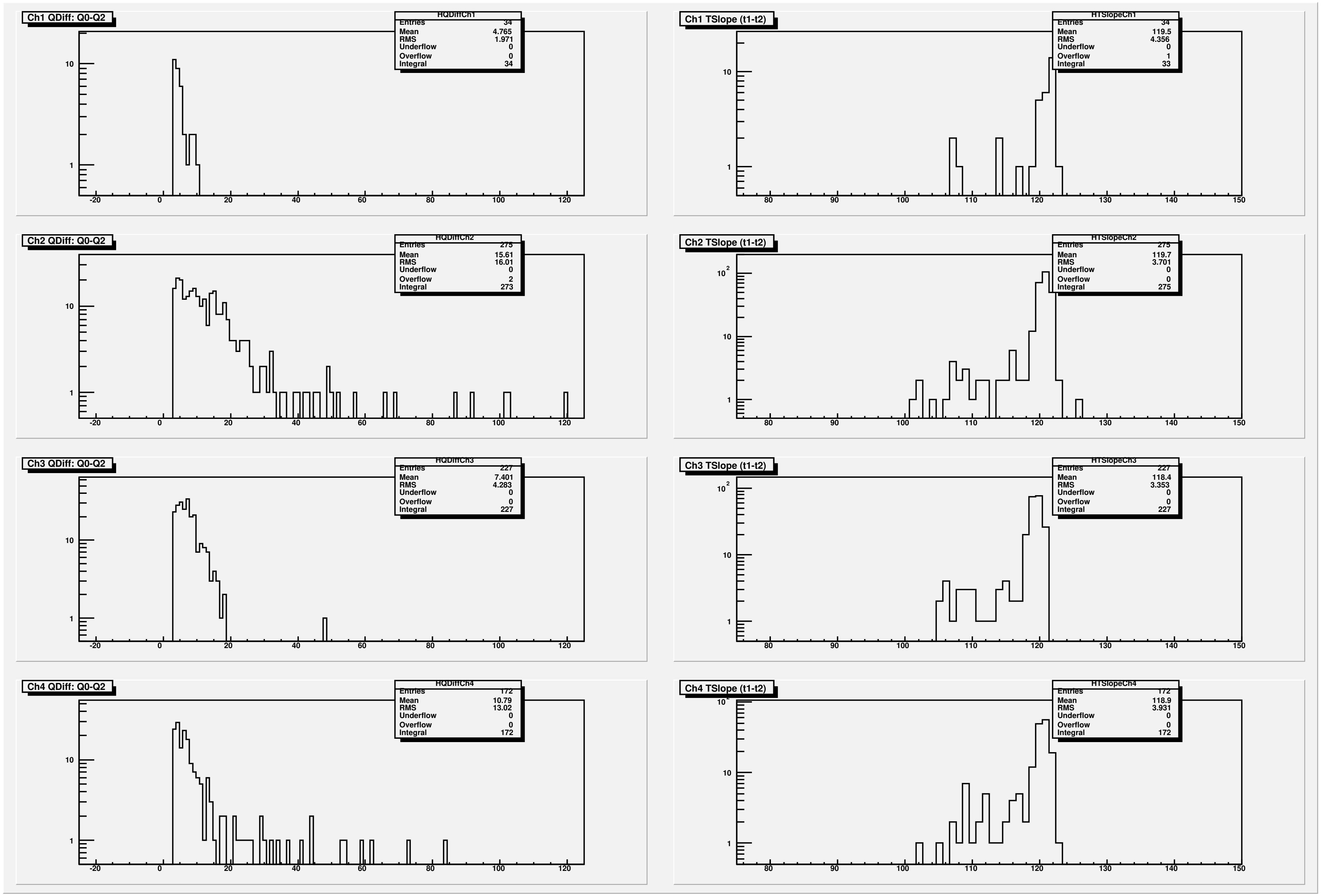

Channel Rate (Hz)
HRateChan
Entries 12802
Mean 22.69
RMS 12.54
Underflow 0
Overflow 0
Integral 6.396e+04
0 5000 10000 15000 20000 25000 30000 35000 40000 45000 50000
0 5 10 15 20 25 30 35 40 45 50

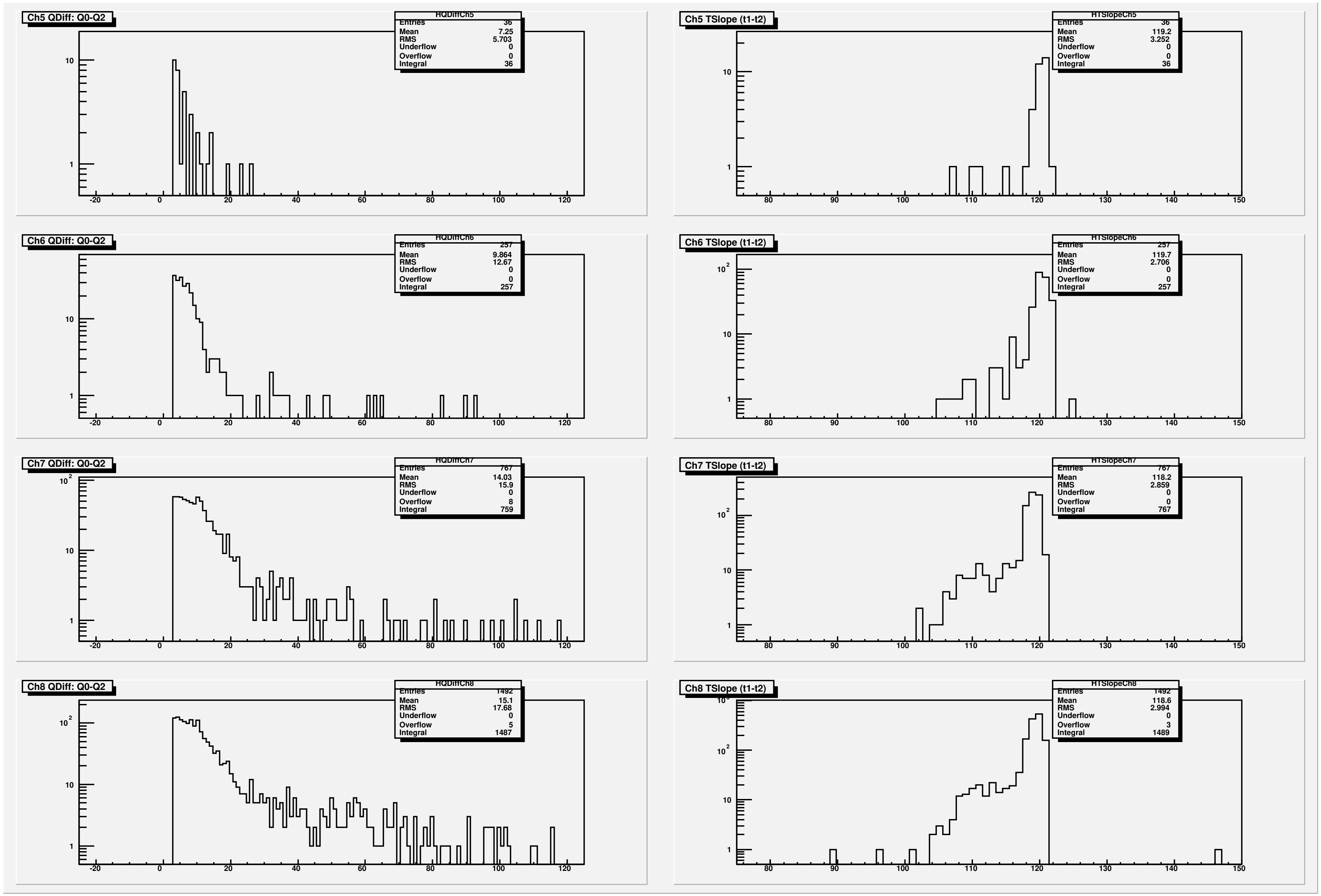

Channel Rate Histo (Hz)
HRate
Entries 51
Mean 1254
RMS 1198
Underflow 0
Overflow 0
Integral 51
0 5 10 15 20 25
0 10000 20000 30000 40000 50000 60000 70000

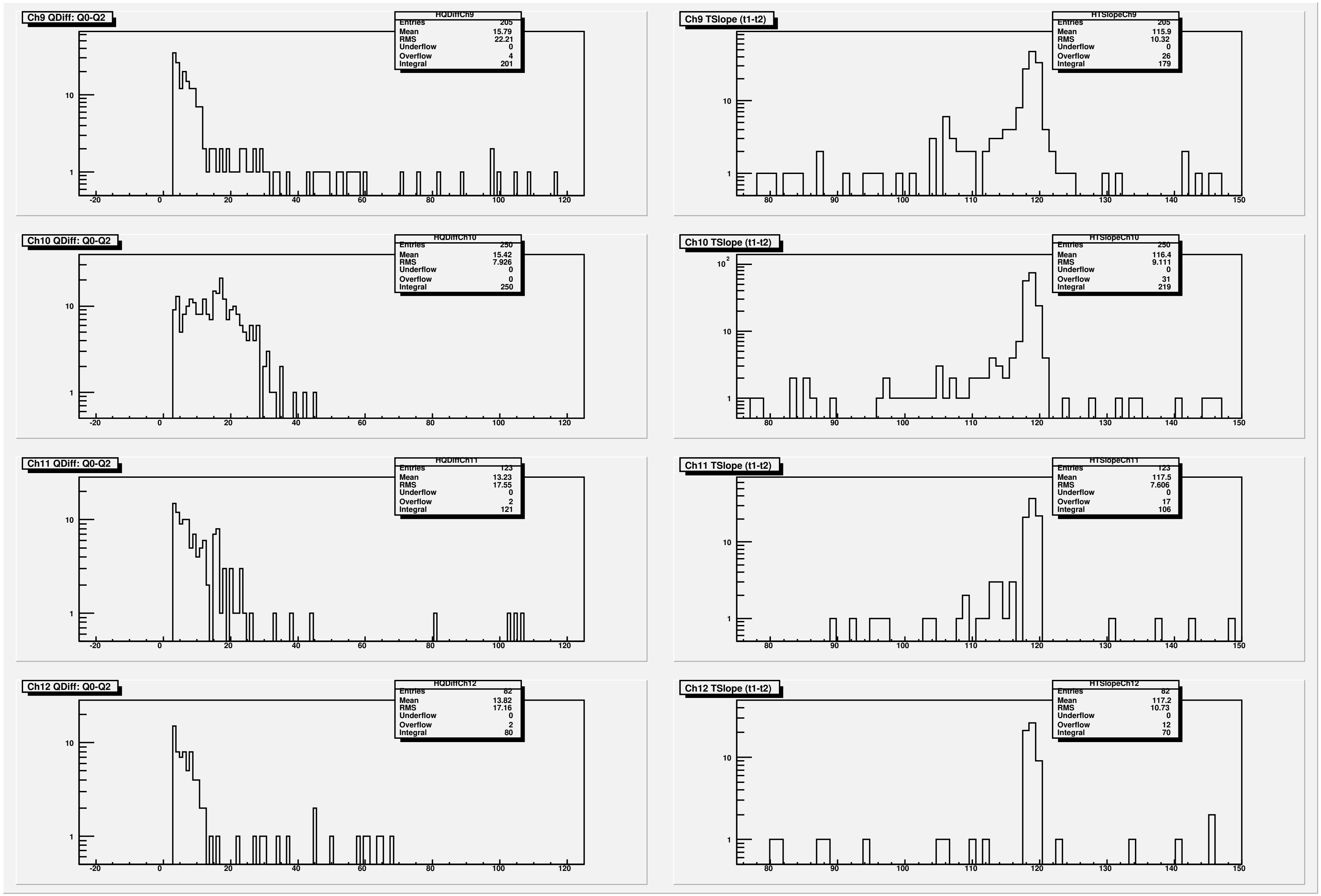

Raw Nhit
HNhitRaw
Entries 10008
Mean 13.08
RMS 4.542
Underflow 0
Overflow 4
Integral 1e+04
All PMTs: Q0-Q2
HQDiffAll
Entries 12802
Mean 15.36
RMS 20.25
Underflow 0
Overflow 17
Integral 1.278e+04
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 12802
Mean 119.4
RMS 10.37
Underflow 0
Overflow 0
Integral 1.28e+04
All PMTs: TOffset
HTOffsetAll
Entries 12802
Mean 21.52
RMS 0.7236
Underflow 0
Overflow 0
Integral 1.28e+04

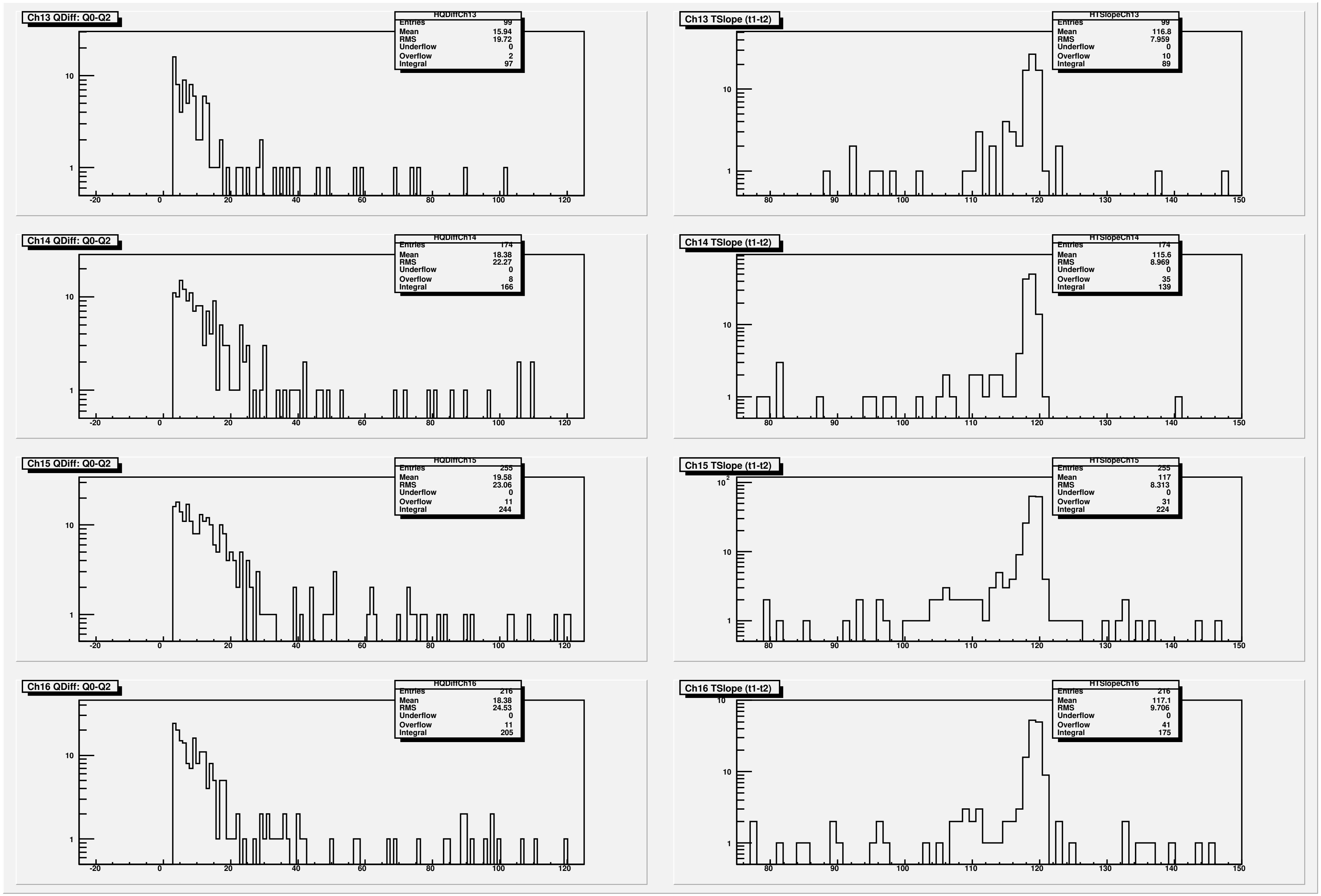

All PMTs: QADC0
HQADC0All
Entries 12802
Mean 242.6
RMS 3.107
Underflow 0
Overflow 14
Integral 1.279e+04
All PMTs: QADC1
HQADC1All
Entries 12802
Mean 229.2
RMS 18.42
Underflow 0
Overflow 5
Integral 1.28e+04
All PMTs: QADC2
HQADC2All
Entries 12802
Mean 227
RMS 21.75
Underflow 0
Overflow 0
Integral 1.28e+04
All PMTs: QADC3
HQADC3All
Entries 12802
Mean 229.7
RMS 19.21
Underflow 0
Overflow 0
Integral 1.28e+04
0 50 100 150 200 250
1 10 10^2 10^3

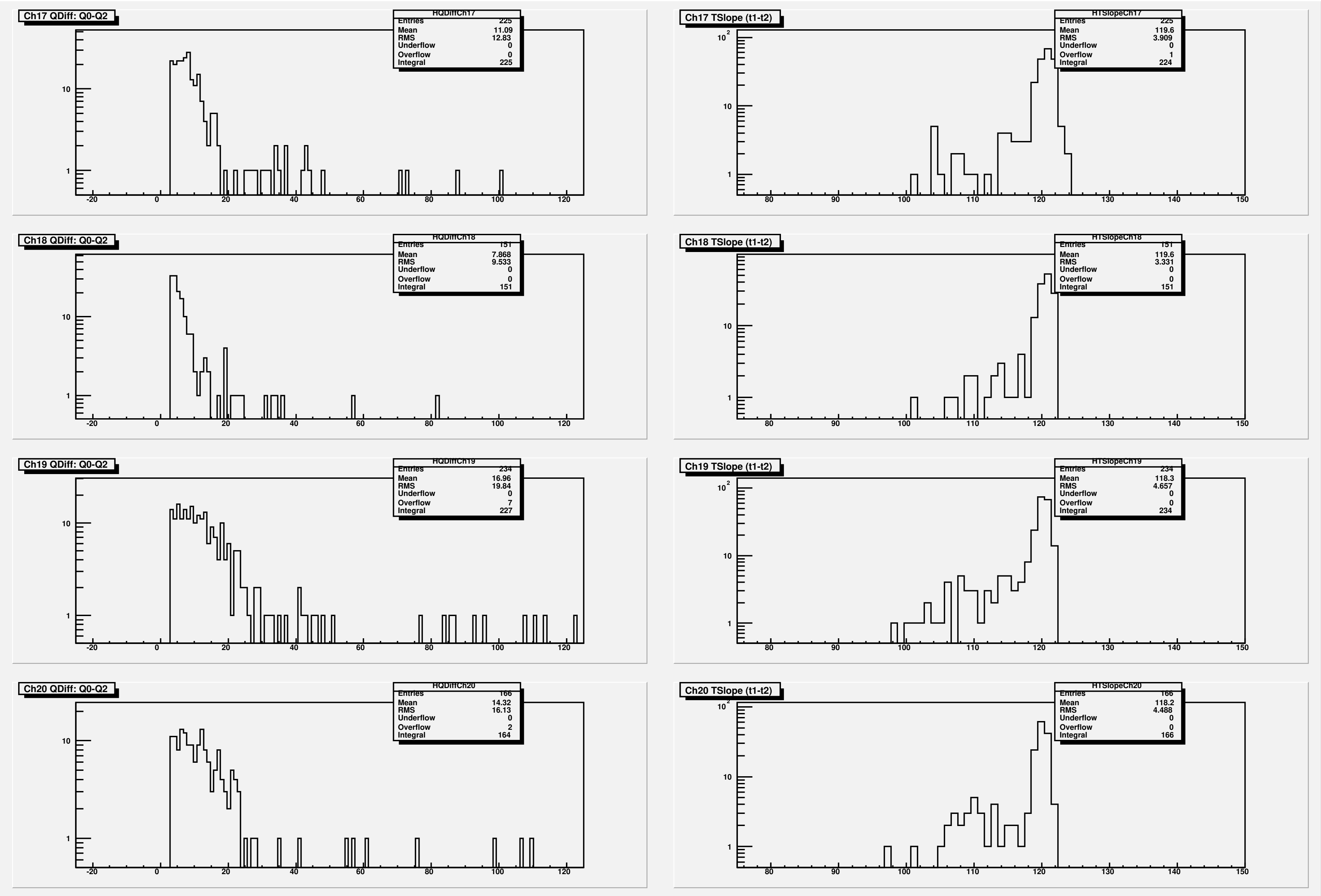

All PMTs: TADC0
HTADC0All
Entries 12802
Mean 244.6
RMS 5.434
Underflow 0
Overflow 4357
Integral 8445
All PMTs: TADC1
HTADC1All
Entries 12802
Mean 200.9
RMS 32.84
Underflow 0
Overflow 720
Integral 1.208e+04
All PMTs: TADC2
HTADC2All
Entries 12802
Mean 84.61
RMS 36.16
Underflow 0
Overflow 0
Integral 1.28e+04
All PMTs: TADC3
HTADC3All
Entries 12802
Mean 244
RMS 5.779
Underflow 0
Overflow 3937
Integral 8865

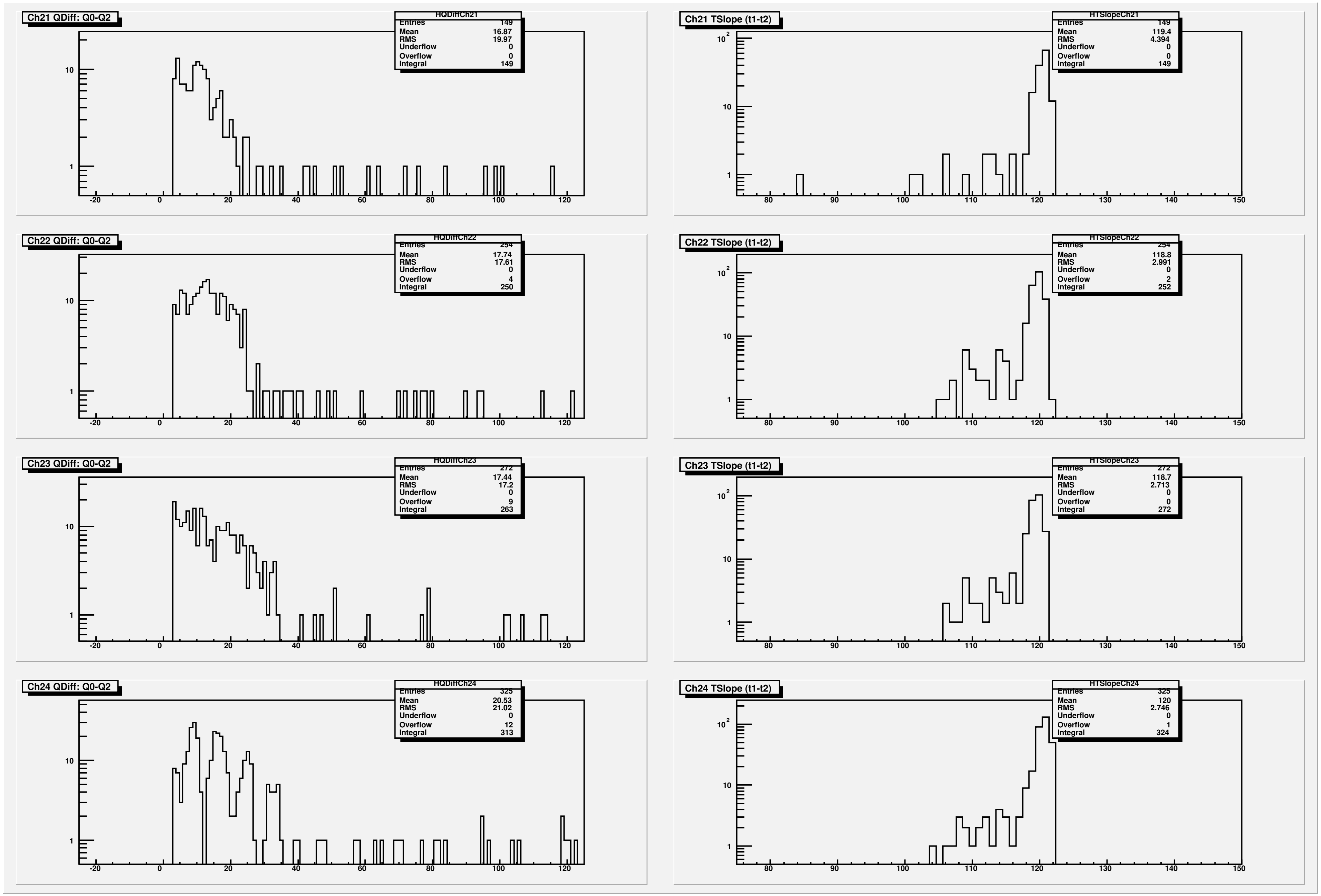

Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 34
Mean 4.765
RMS 1.971
Underflow 0
Overflow 0
Integral 34
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 34
Mean 119.5
RMS 4.356
Underflow 0
Overflow 1
Integral 33
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 275
Mean 15.61
RMS 16.01
Underflow 0
Overflow 2
Integral 273
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 275
Mean 119.7
RMS 3.701
Underflow 0
Overflow 0
Integral 275
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 227
Mean 7.401
RMS 4.283
Underflow 0
Overflow 0
Integral 227
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 227
Mean 118.4
RMS 3.353
Underflow 0
Overflow 0
Integral 227
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 172
Mean 10.79
RMS 13.02
Underflow 0
Overflow 0
Integral 172
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 172
Mean 118.9
RMS 3.931
Underflow 0
Overflow 0
Integral 172

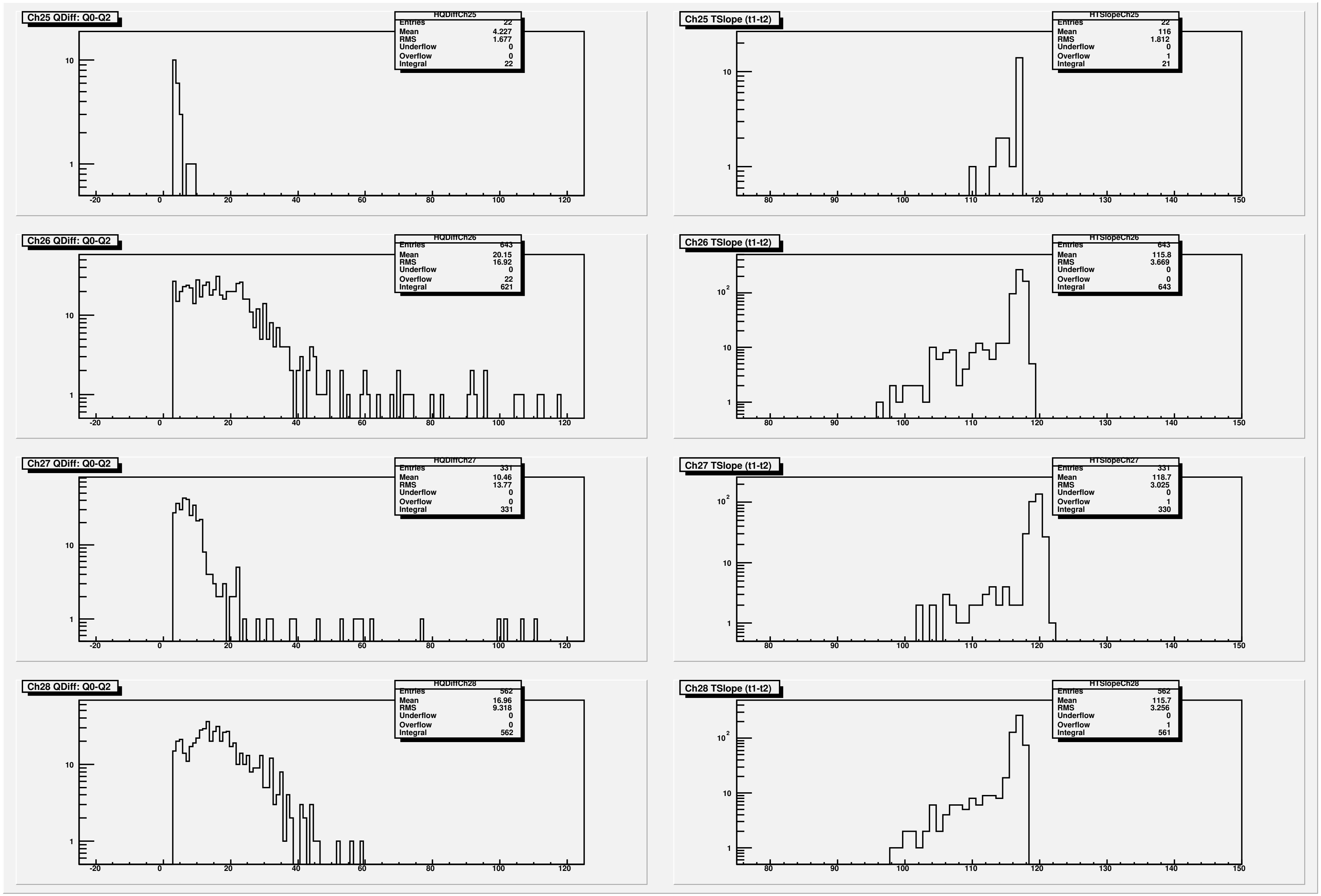

Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 36
Mean 7.25
RMS 5.703
Underflow 0
Overflow 0
Integral 36
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 36
Mean 119.2
RMS 3.252
Underflow 0
Overflow 0
Integral 36
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 257
Mean 9.864
RMS 12.67
Underflow 0
Overflow 0
Integral 257
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 257
Mean 119.7
RMS 2.706
Underflow 0
Overflow 0
Integral 257
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 767
Mean 14.03
RMS 15.9
Underflow 0
Overflow 8
Integral 759
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 767
Mean 118.2
RMS 2.859
Underflow 0
Overflow 0
Integral 767
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 1492
Mean 15.1
RMS 17.68
Underflow 0
Overflow 5
Integral 1487
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 1492
Mean 118.6
RMS 2.994
Underflow 0
Overflow 3
Integral 1489

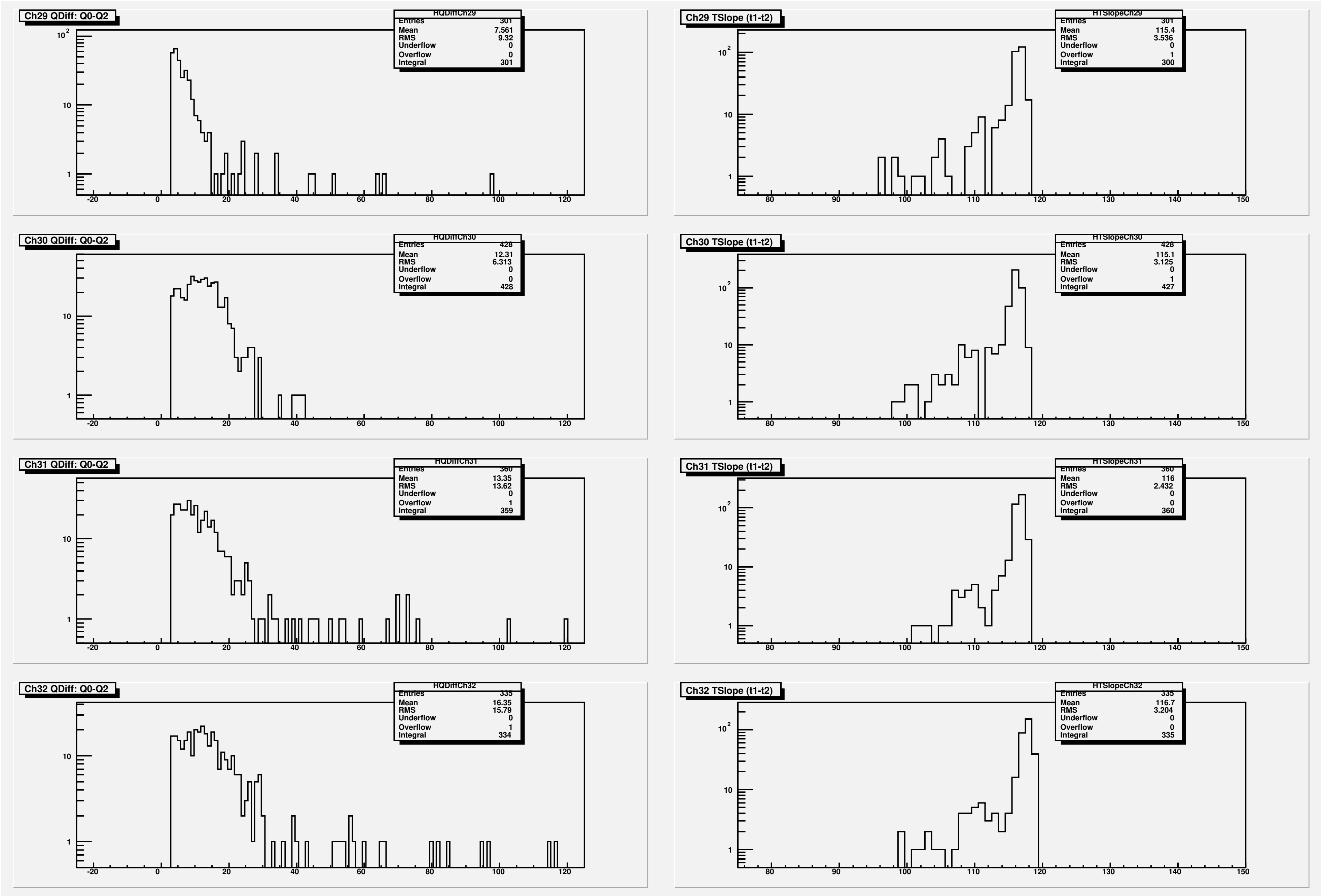

Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 205
Mean 15.79
RMS 22.21
Underflow 0
Overflow 4
Integral 201
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 205
Mean 115.9
RMS 10.32
Underflow 0
Overflow 26
Integral 179
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 250
Mean 15.42
RMS 7.926
Underflow 0
Overflow 0
Integral 250
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 250
Mean 116.4
RMS 9.111
Underflow 0
Overflow 31
Integral 219
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 123
Mean 13.23
RMS 17.55
Underflow 0
Overflow 2
Integral 121
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 123
Mean 117.5
RMS 7.606
Underflow 0
Overflow 17
Integral 106
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 82
Mean 13.82
RMS 17.16
Underflow 0
Overflow 2
Integral 80
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 82
Mean 117.2
RMS 10.73
Underflow 0
Overflow 12
Integral 70

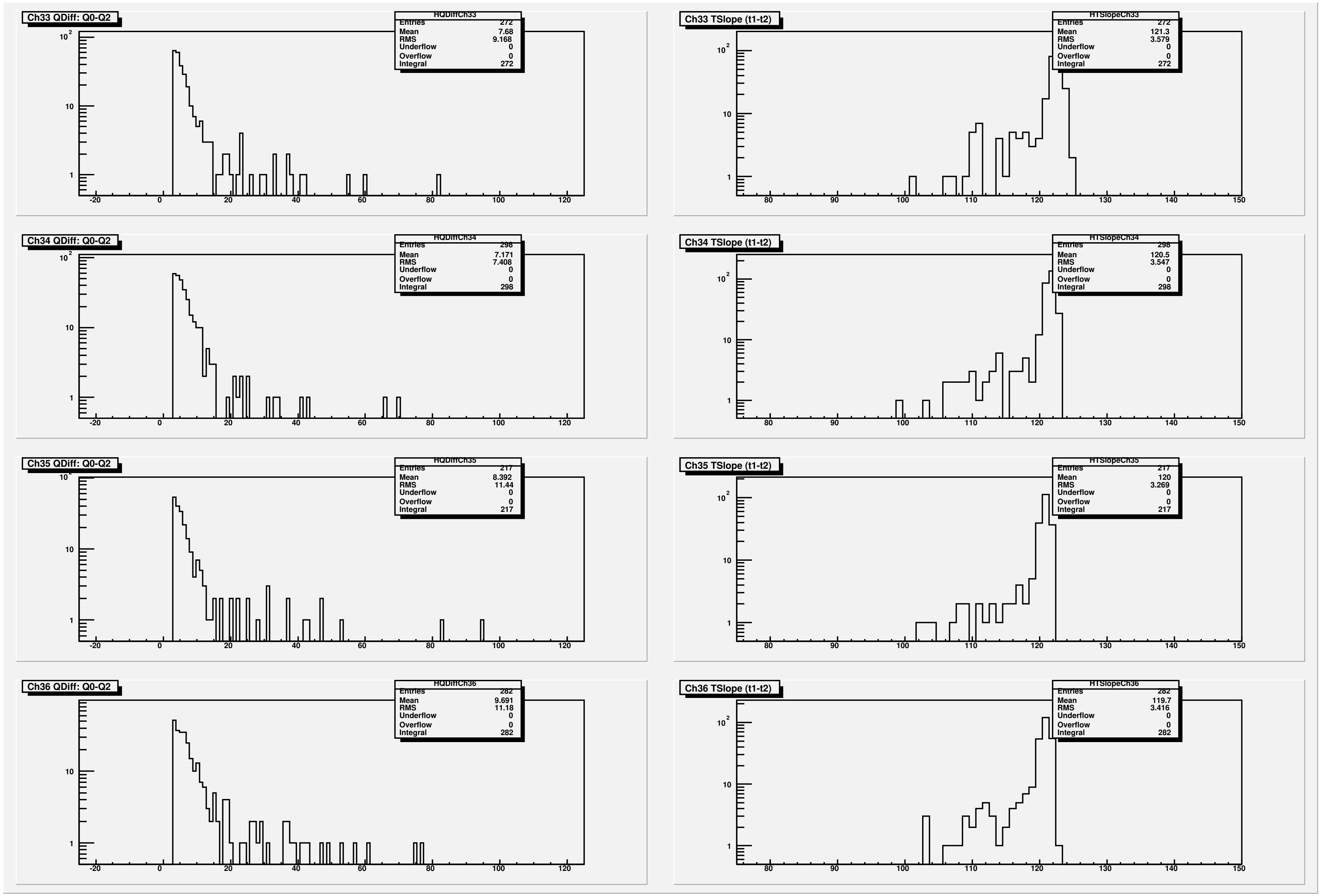

Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 99
Mean 15.94
RMS 19.72
Underflow 0
Overflow 2
Integral 97
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 99
Mean 116.8
RMS 7.959
Underflow 0
Overflow 10
Integral 89
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 174
Mean 18.38
RMS 22.27
Underflow 0
Overflow 8
Integral 166
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 174
Mean 115.6
RMS 8.969
Underflow 0
Overflow 35
Integral 139
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 255
Mean 19.58
RMS 23.06
Underflow 0
Overflow 11
Integral 244
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 255
Mean 117
RMS 8.313
Underflow 0
Overflow 31
Integral 224
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 216
Mean 18.38
RMS 24.53
Underflow 0
Overflow 11
Integral 205
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 216
Mean 117.1
RMS 9.706
Underflow 0
Overflow 41
Integral 175

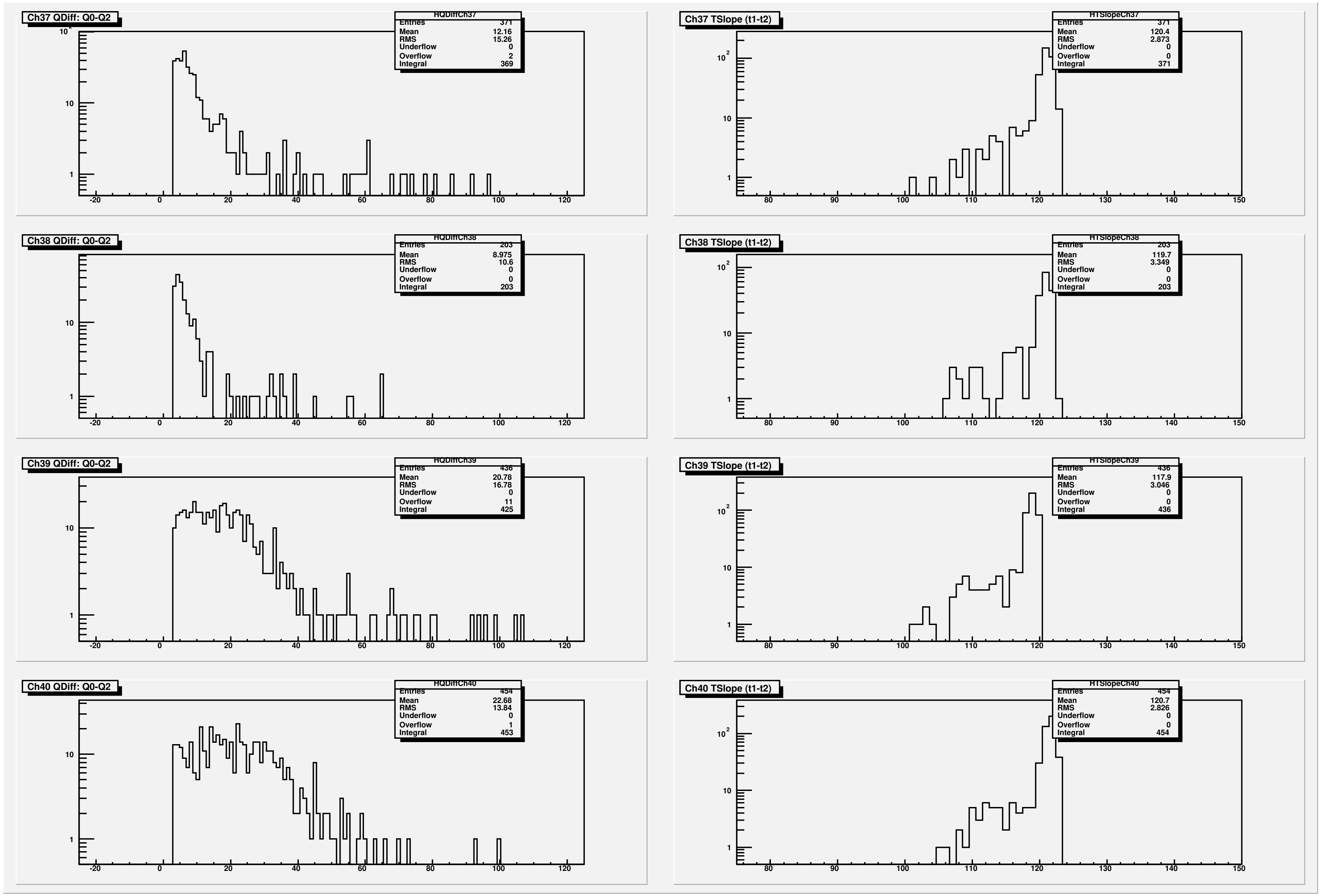

Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 225
Mean 11.09
RMS 12.83
Underflow 0
Overflow 0
Integral 225
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 225
Mean 119.6
RMS 3.909
Underflow 0
Overflow 1
Integral 224
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 151
Mean 7.868
RMS 9.533
Underflow 0
Overflow 0
Integral 151
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 151
Mean 119.6
RMS 3.331
Underflow 0
Overflow 0
Integral 151
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 234
Mean 16.96
RMS 19.84
Underflow 0
Overflow 7
Integral 227
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 234
Mean 118.3
RMS 4.657
Underflow 0
Overflow 0
Integral 234
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 166
Mean 14.32
RMS 16.13
Underflow 0
Overflow 2
Integral 164
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 166
Mean 118.2
RMS 4.488
Underflow 0
Overflow 0
Integral 166

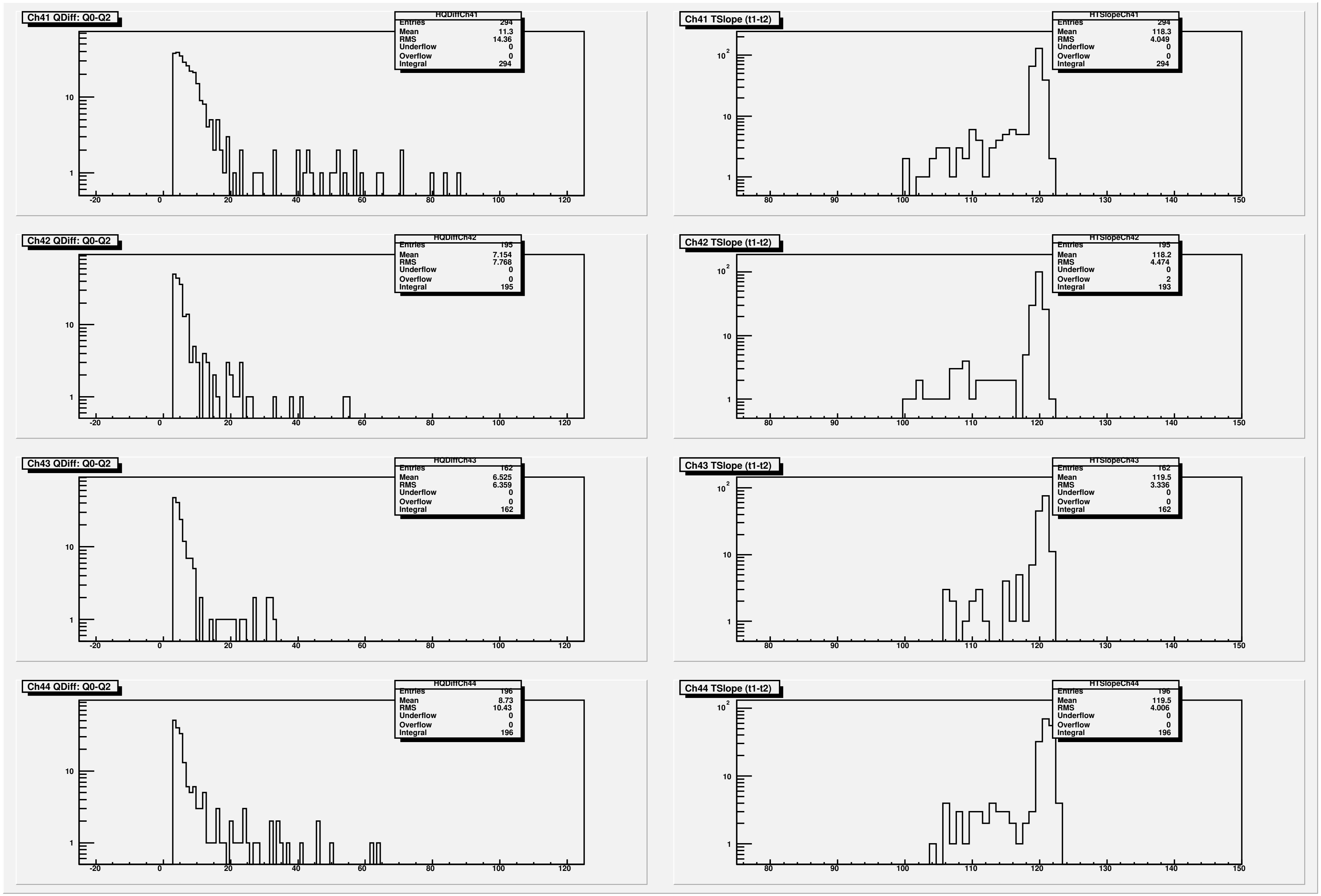

Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 149
Mean 16.87
RMS 19.97
Underflow 0
Overflow 0
Integral 149
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 149
Mean 119.4
RMS 4.394
Underflow 0
Overflow 0
Integral 149
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 254
Mean 17.74
RMS 17.61
Underflow 0
Overflow 4
Integral 250
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 254
Mean 118.8
RMS 2.991
Underflow 0
Overflow 2
Integral 252
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 272
Mean 17.44
RMS 17.2
Underflow 0
Overflow 9
Integral 263
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 272
Mean 118.7
RMS 2.713
Underflow 0
Overflow 0
Integral 272
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 325
Mean 20.53
RMS 21.02
Underflow 0
Overflow 12
Integral 313
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 325
Mean 120
RMS 2.746
Underflow 0
Overflow 1
Integral 324


Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 22
Mean 4.227
RMS 1.677
Underflow 0
Overflow 0
Integral 22
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 22
Mean 116
RMS 1.812
Underflow 0
Overflow 1
Integral 21
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 643
Mean 20.15
RMS 16.92
Underflow 0
Overflow 22
Integral 621
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 643
Mean 115.8
RMS 3.669
Underflow 0
Overflow 0
Integral 643
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 331
Mean 10.46
RMS 13.77
Underflow 0
Overflow 0
Integral 331
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 331
Mean 118.7
RMS 3.025
Underflow 0
Overflow 1
Integral 330
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 562
Mean 16.96
RMS 9.318
Underflow 0
Overflow 0
Integral 562
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 562
Mean 115.7
RMS 3.256
Underflow 0
Overflow 1
Integral 561


Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 301
Mean 7.561
RMS 9.32
Underflow 0
Overflow 0
Integral 301
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 301
Mean 115.4
RMS 3.536
Underflow 0
Overflow 1
Integral 300
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 428
Mean 12.31
RMS 6.313
Underflow 0
Overflow 0
Integral 428
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 428
Mean 115.1
RMS 3.125
Underflow 0
Overflow 1
Integral 427
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 360
Mean 13.35
RMS 13.62
Underflow 0
Overflow 1
Integral 359
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 360
Mean 116
RMS 2.432
Underflow 0
Overflow 0
Integral 360
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 335
Mean 16.35
RMS 15.79
Underflow 0
Overflow 1
Integral 334
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 335
Mean 116.7
RMS 3.204
Underflow 0
Overflow 0
Integral 335


Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 272
Mean 7.68
RMS 9.168
Underflow 0
Overflow 0
Integral 272
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 272
Mean 121.3
RMS 3.579
Underflow 0
Overflow 0
Integral 272
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 298
Mean 7.171
RMS 7.408
Underflow 0
Overflow 0
Integral 298
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 298
Mean 120.5
RMS 3.547
Underflow 0
Overflow 0
Integral 298
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 217
Mean 8.392
RMS 11.44
Underflow 0
Overflow 0
Integral 217
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 217
Mean 120
RMS 3.269
Underflow 0
Overflow 0
Integral 217
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 282
Mean 9.691
RMS 11.18
Underflow 0
Overflow 0
Integral 282
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 282
Mean 119.7
RMS 3.416
Underflow 0
Overflow 0
Integral 282


Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 371
Mean 12.16
RMS 15.26
Underflow 0
Overflow 2
Integral 369
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 371
Mean 120.4
RMS 2.873
Underflow 0
Overflow 0
Integral 371
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 203
Mean 8.975
RMS 10.6
Underflow 0
Overflow 0
Integral 203
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 203
Mean 119.7
RMS 3.349
Underflow 0
Overflow 0
Integral 203
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 436
Mean 20.78
RMS 16.78
Underflow 0
Overflow 11
Integral 425
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 436
Mean 117.9
RMS 3.046
Underflow 0
Overflow 0
Integral 436
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 454
Mean 22.68
RMS 13.84
Underflow 0
Overflow 1
Integral 453
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 454
Mean 120.7
RMS 2.826
Underflow 0
Overflow 0
Integral 454


Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 294
Mean 11.3
RMS 14.36
Underflow 0
Overflow 0
Integral 294
1
10
-20 0 20 40 60 80 100 120
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 294
Mean 118.3
RMS 4.049
Underflow 0
Overflow 0
Integral 294
1
10
10^2
80 90 100 110 120 130 140 150
Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 195
Mean 7.154
RMS 7.768
Underflow 0
Overflow 0
Integral 195
1
10
-20 0 20 40 60 80 100 120
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 195
Mean 118.2
RMS 4.474
Underflow 0
Overflow 2
Integral 193
1
10
10^2
80 90 100 110 120 130 140 150
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 162
Mean 6.525
RMS 6.359
Underflow 0
Overflow 0
Integral 162
1
10
-20 0 20 40 60 80 100 120
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 162
Mean 119.5
RMS 3.336
Underflow 0
Overflow 0
Integral 162
1
10
10^2
80 90 100 110 120 130 140 150
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 196
Mean 8.73
RMS 10.43
Underflow 0
Overflow 0
Integral 196
1
10
-20 0 20 40 60 80 100 120
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 196
Mean 119.5
RMS 4.006
Underflow 0
Overflow 0
Integral 196
1
10
10^2
80 90 100 110 120 130 140 150