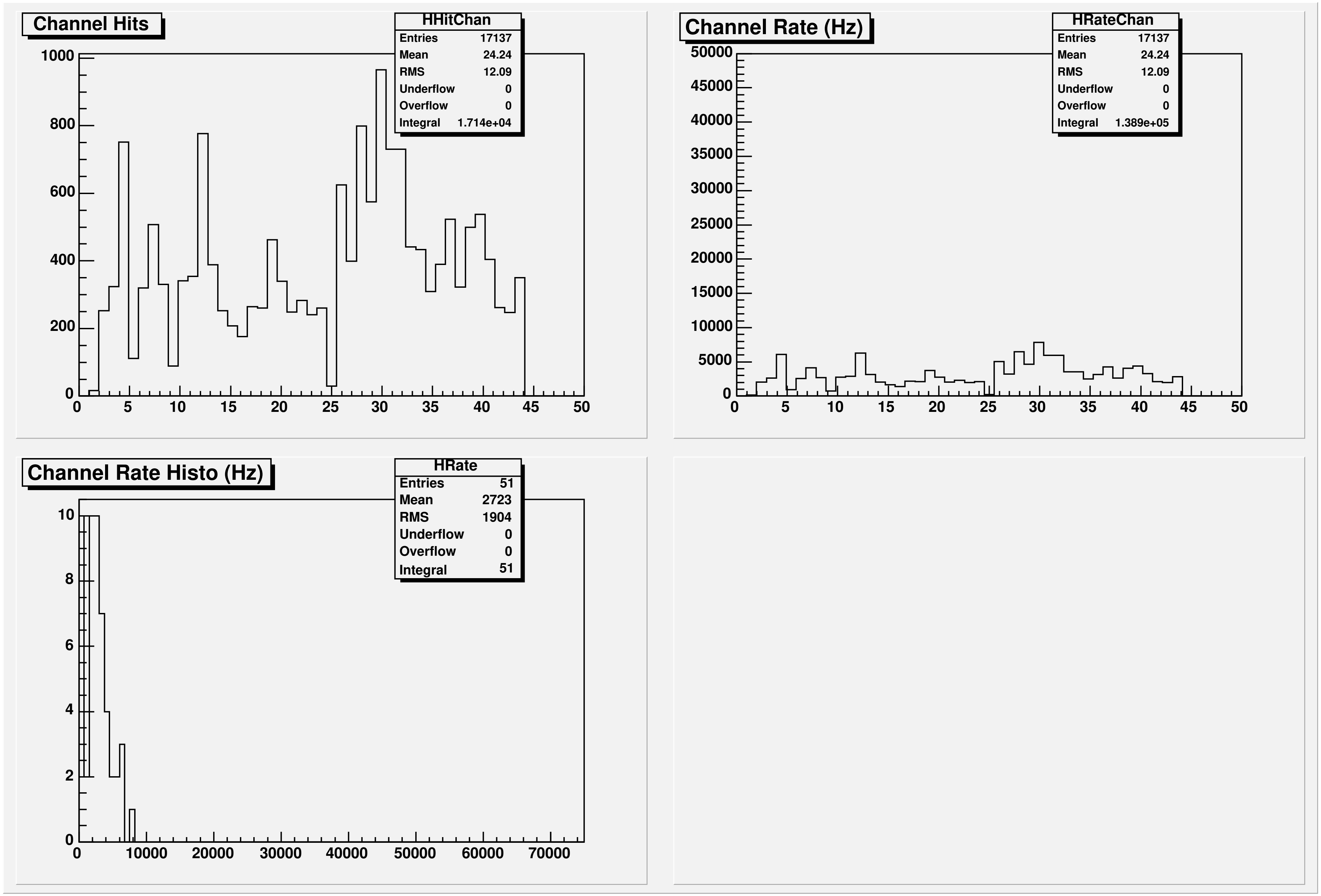
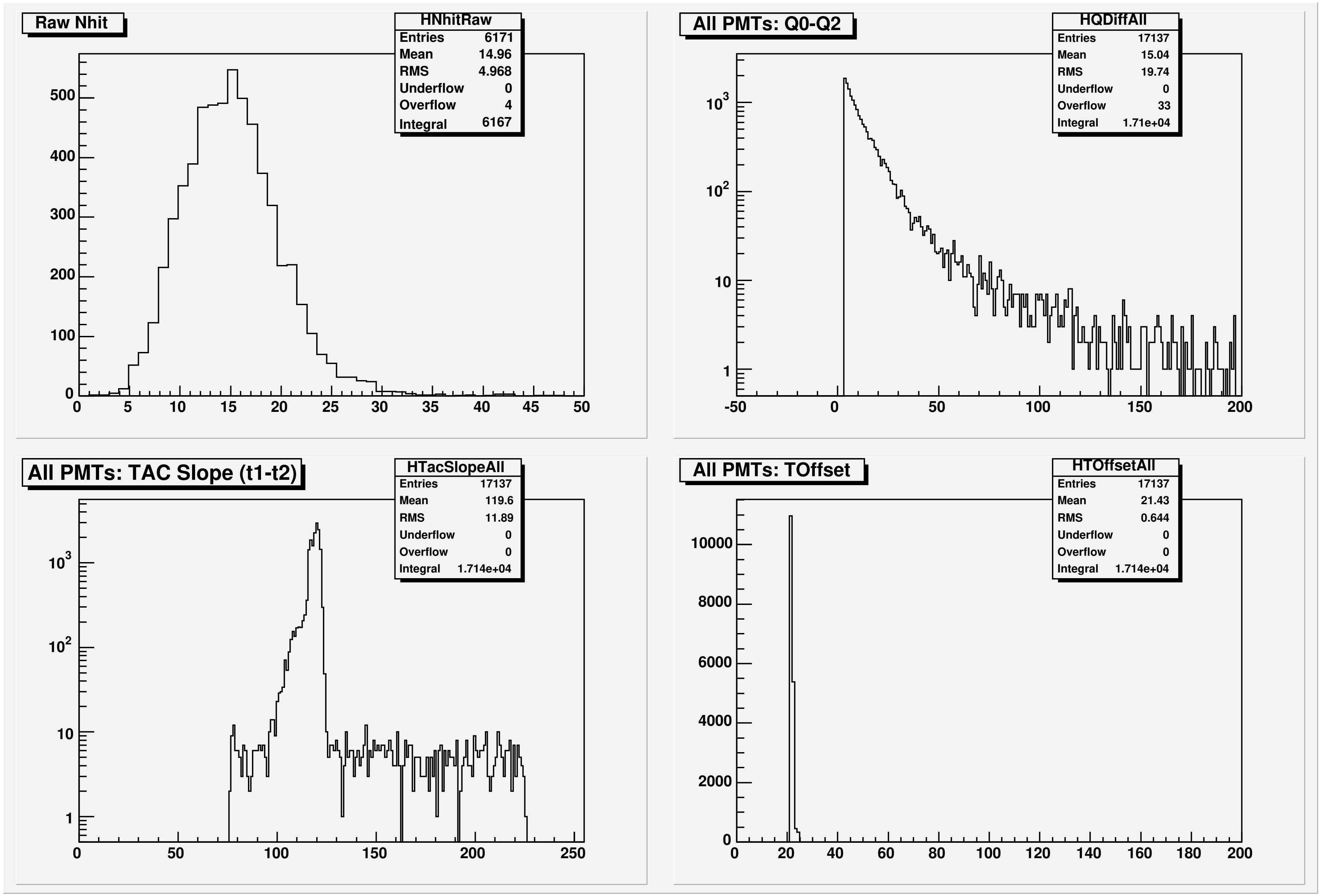
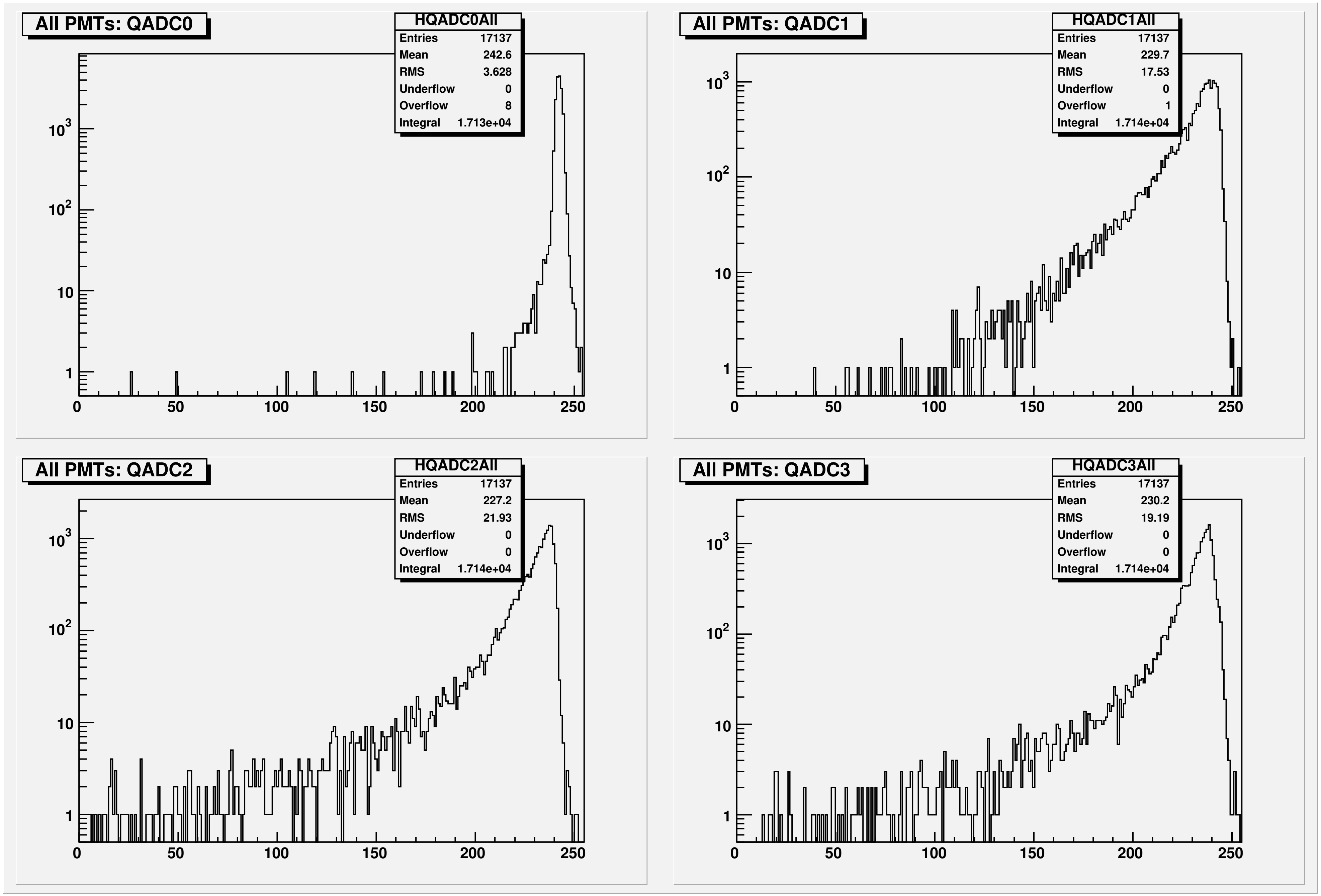
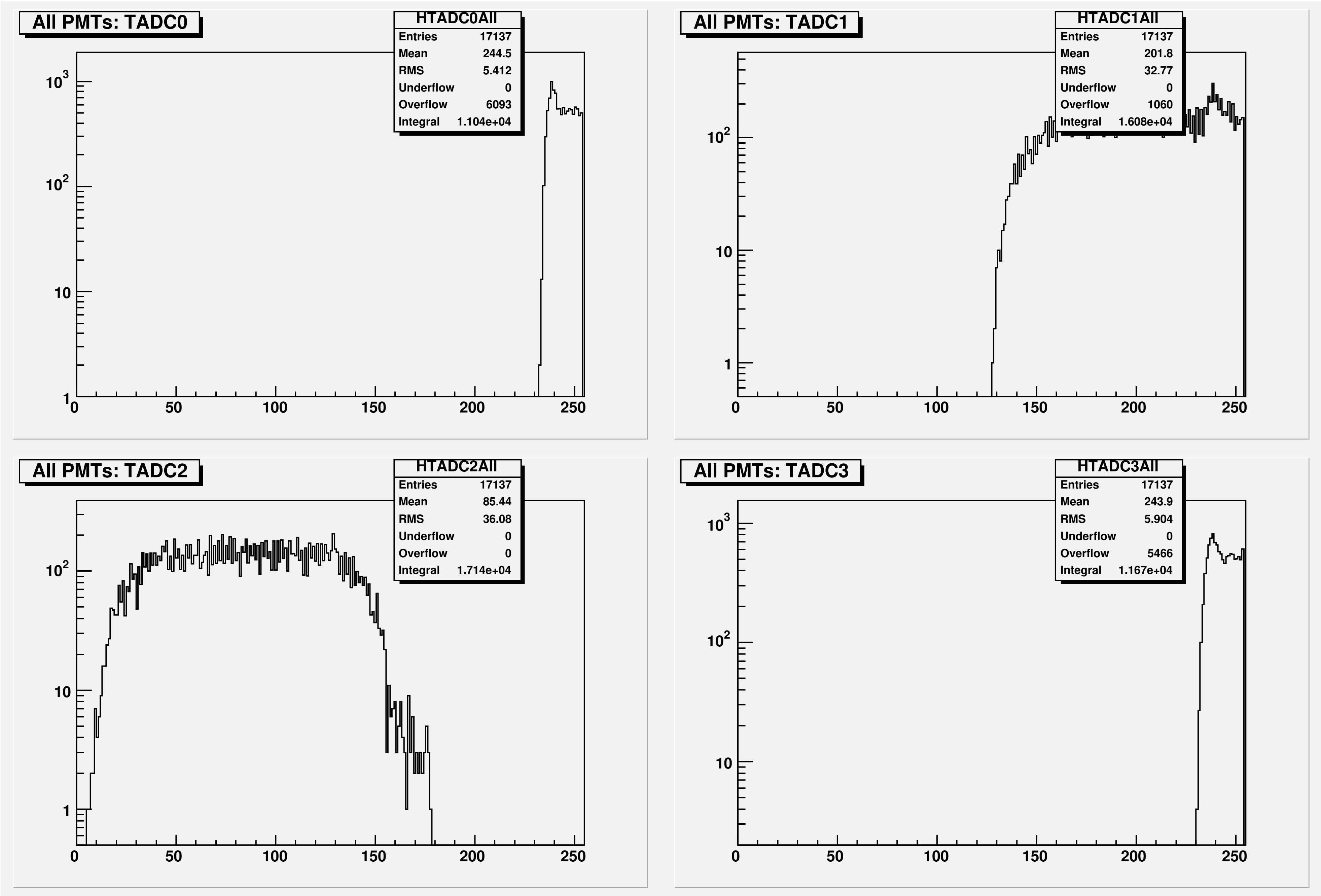
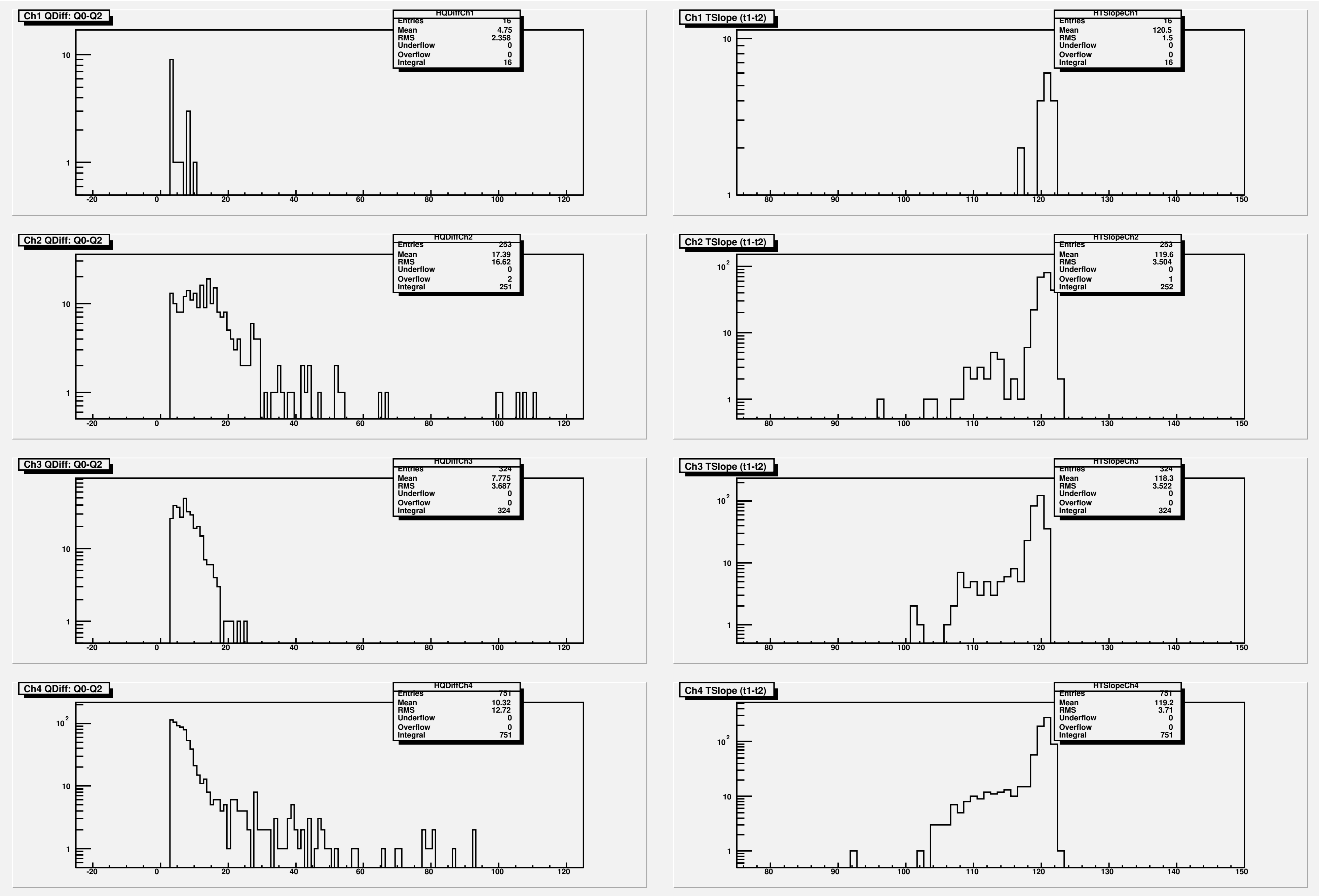
RUN: VlandUnCal Run11473 LEDTCut-QCut


Channel Hits
HHitChan
Entries 17137
Mean 24.24
RMS 12.09
Underflow 0
Overflow 0
Integral 1.714e+04
Channel Rate (Hz)
HRateChan
Entries 17137
Mean 24.24
RMS 12.09
Underflow 0
Overflow 0
Integral 1.389e+05
Channel Rate Histo (Hz)
HRate
Entries 51
Mean 2723
RMS 1904
Underflow 0
Overflow 0
Integral 51

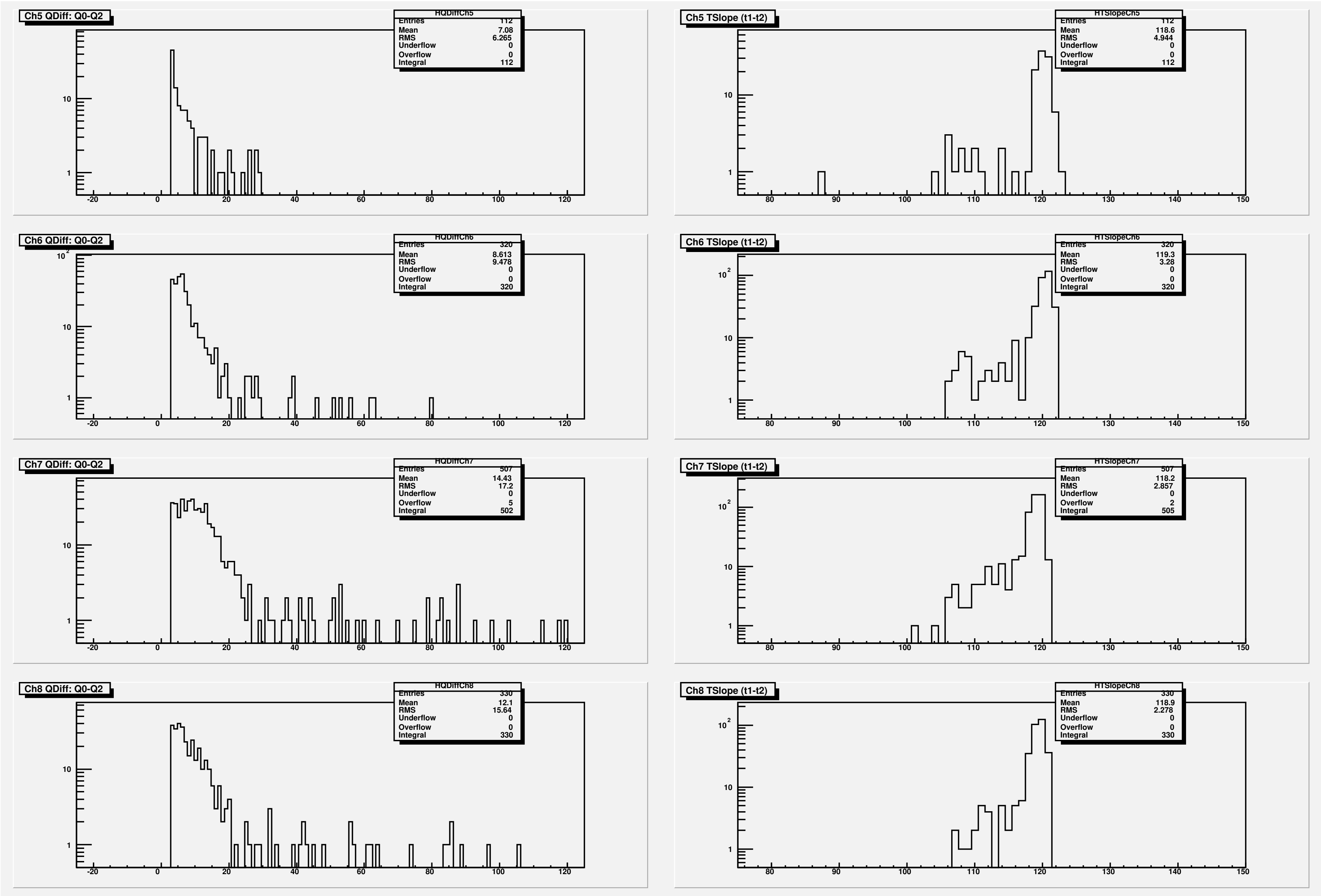

Raw Nhit
HNhitRaw
Entries 6171
Mean 14.96
RMS 4.968
Underflow 0
Overflow 4
Integral 6167
0
100
200
300
400
500
0 5 10 15 20 25 30 35 40 45 50
All PMTs: Q0-Q2
HQDiffAll
Entries 17137
Mean 15.04
RMS 19.74
Underflow 0
Overflow 33
Integral 1.71e+04
1
10
10^2
10^3
-50 0 50 100 150 200
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 17137
Mean 119.6
RMS 11.89
Underflow 0
Overflow 0
Integral 1.714e+04
1
10
10^2
10^3
0 50 100 150 200 250
All PMTs: TOffset
HTOffsetAll
Entries 17137
Mean 21.43
RMS 0.644
Underflow 0
Overflow 0
Integral 1.714e+04
0
2000
4000
6000
8000
10000
0 20 40 60 80 100 120 140 160 180 200

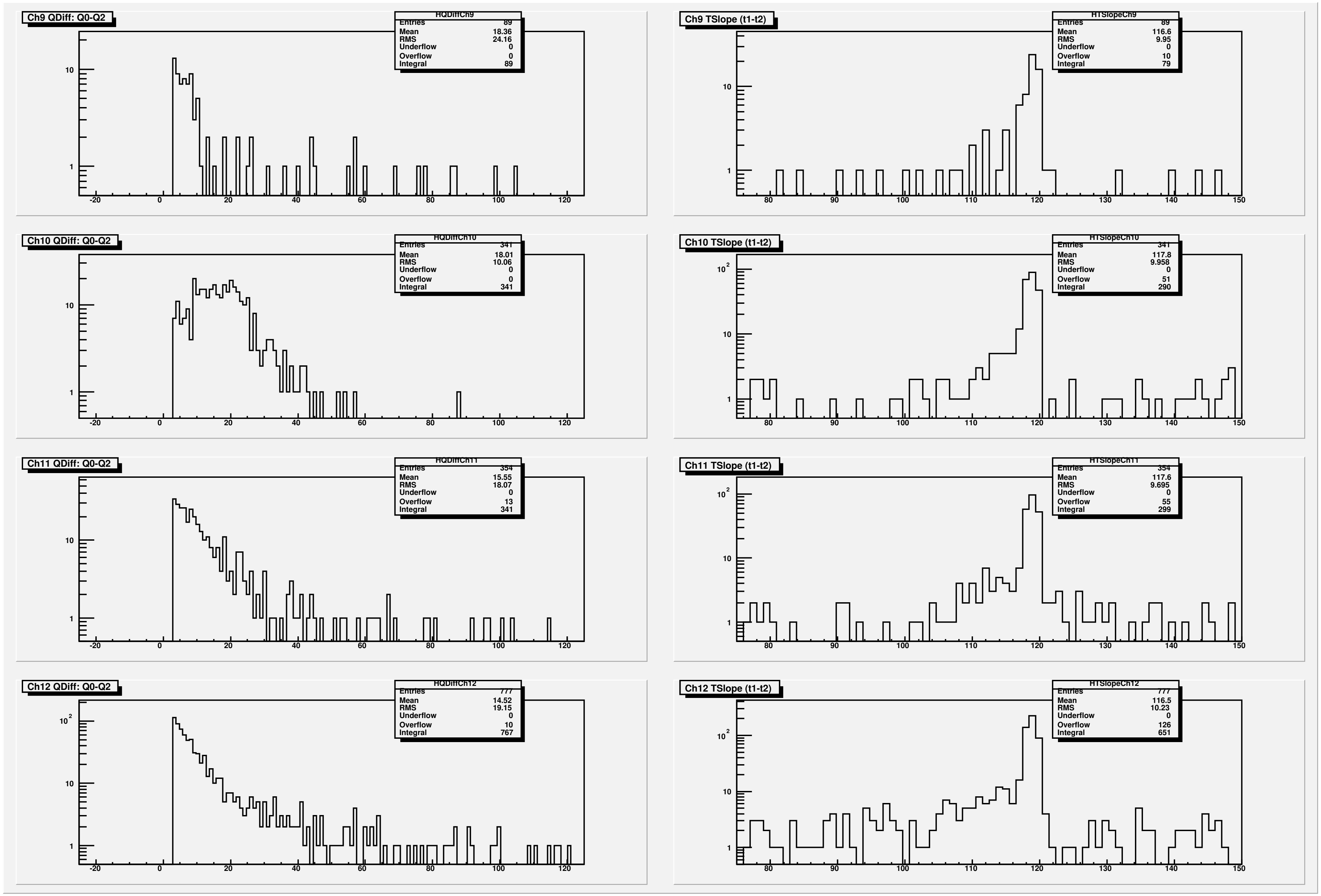

All PMTs: QADC0
HQADC0All
Entries 17137
Mean 242.6
RMS 3.628
Underflow 0
Overflow 8
Integral 1.713e+04
All PMTs: QADC1
HQADC1All
Entries 17137
Mean 229.7
RMS 17.53
Underflow 0
Overflow 1
Integral 1.714e+04
All PMTs: QADC2
HQADC2All
Entries 17137
Mean 227.2
RMS 21.93
Underflow 0
Overflow 0
Integral 1.714e+04
All PMTs: QADC3
HQADC3All
Entries 17137
Mean 230.2
RMS 19.19
Underflow 0
Overflow 0
Integral 1.714e+04

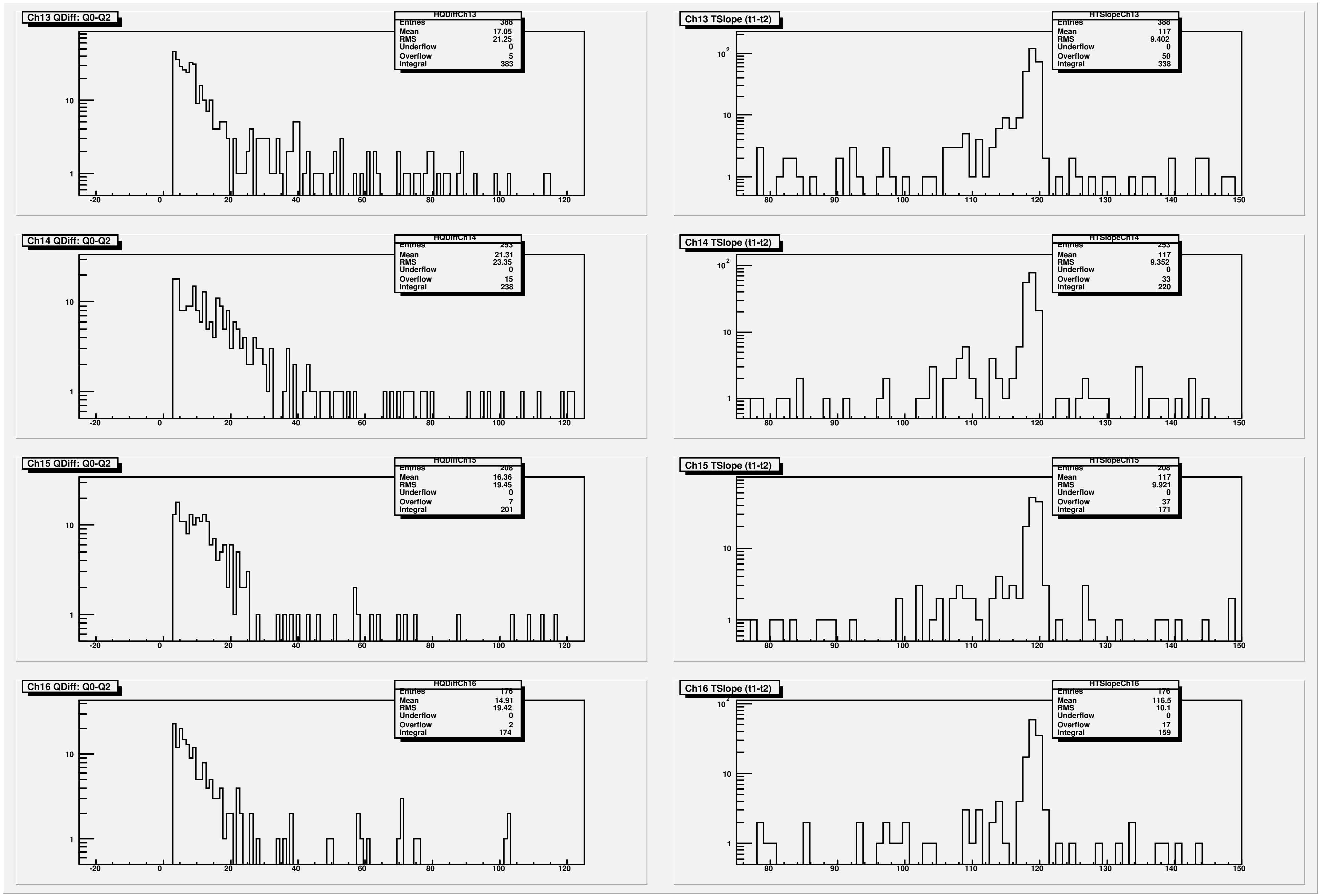

All PMTs: TADC0
HTADC0All
Entries 17137
Mean 244.5
RMS 5.412
Underflow 0
Overflow 6093
Integral 1.104e+04
All PMTs: TADC1
HTADC1All
Entries 17137
Mean 201.8
RMS 32.77
Underflow 0
Overflow 1060
Integral 1.608e+04
All PMTs: TADC2
HTADC2All
Entries 17137
Mean 85.44
RMS 36.08
Underflow 0
Overflow 0
Integral 1.714e+04
All PMTs: TADC3
HTADC3All
Entries 17137
Mean 243.9
RMS 5.904
Underflow 0
Overflow 5466
Integral 1.167e+04
0
50
100
150
200
250
1
10
10^2
10^3



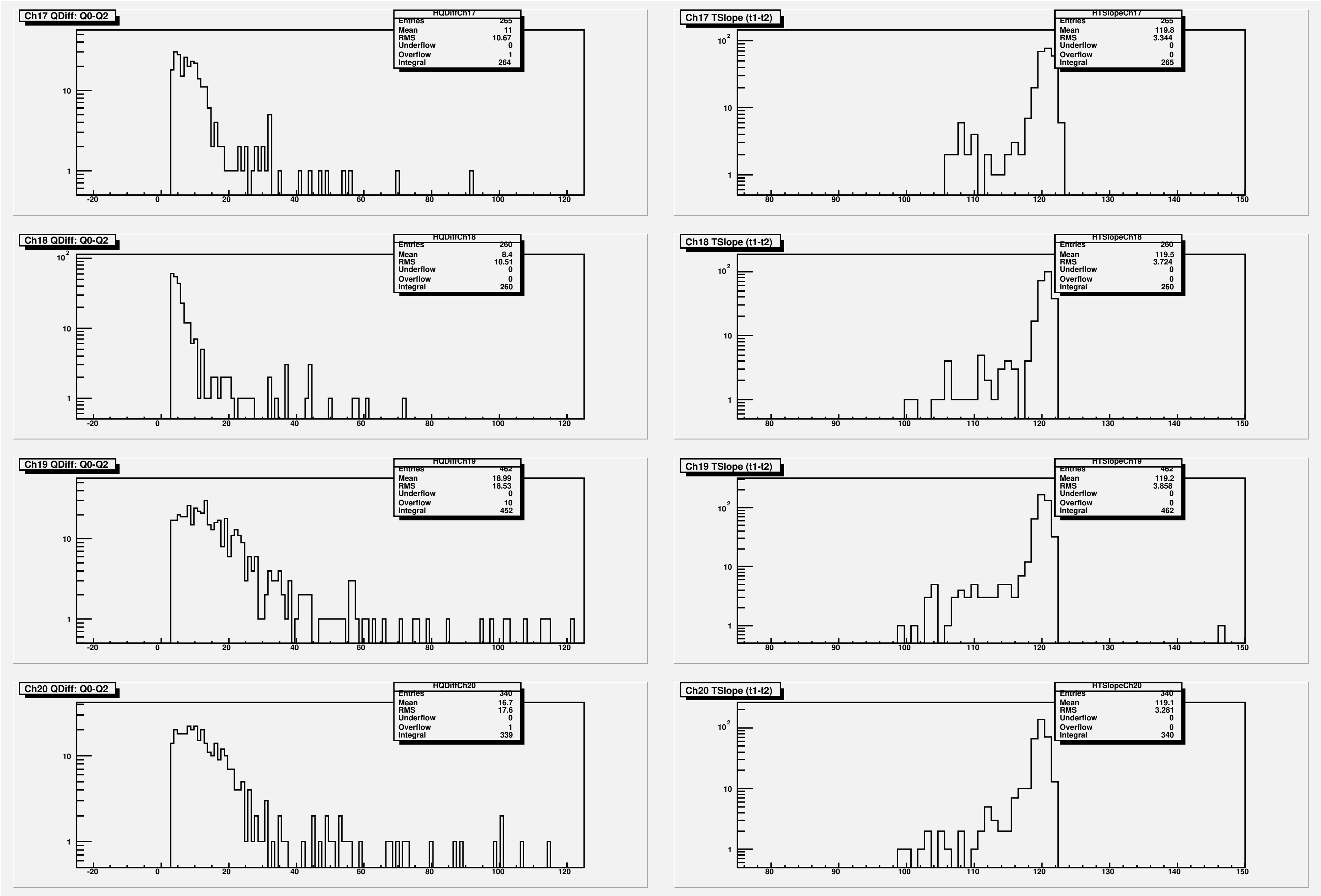
Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 16
Mean 4.75
RMS 2.358
Underflow 0
Overflow 0
Integral 16
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 16
Mean 120.5
RMS 1.5
Underflow 0
Overflow 0
Integral 16
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 253
Mean 17.39
RMS 16.62
Underflow 0
Overflow 2
Integral 251
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 253
Mean 119.6
RMS 3.504
Underflow 0
Overflow 1
Integral 252
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 324
Mean 7.775
RMS 3.687
Underflow 0
Overflow 0
Integral 324
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 324
Mean 118.3
RMS 3.522
Underflow 0
Overflow 0
Integral 324
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 751
Mean 10.32
RMS 12.72
Underflow 0
Overflow 0
Integral 751
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 751
Mean 119.2
RMS 3.71
Underflow 0
Overflow 0
Integral 751

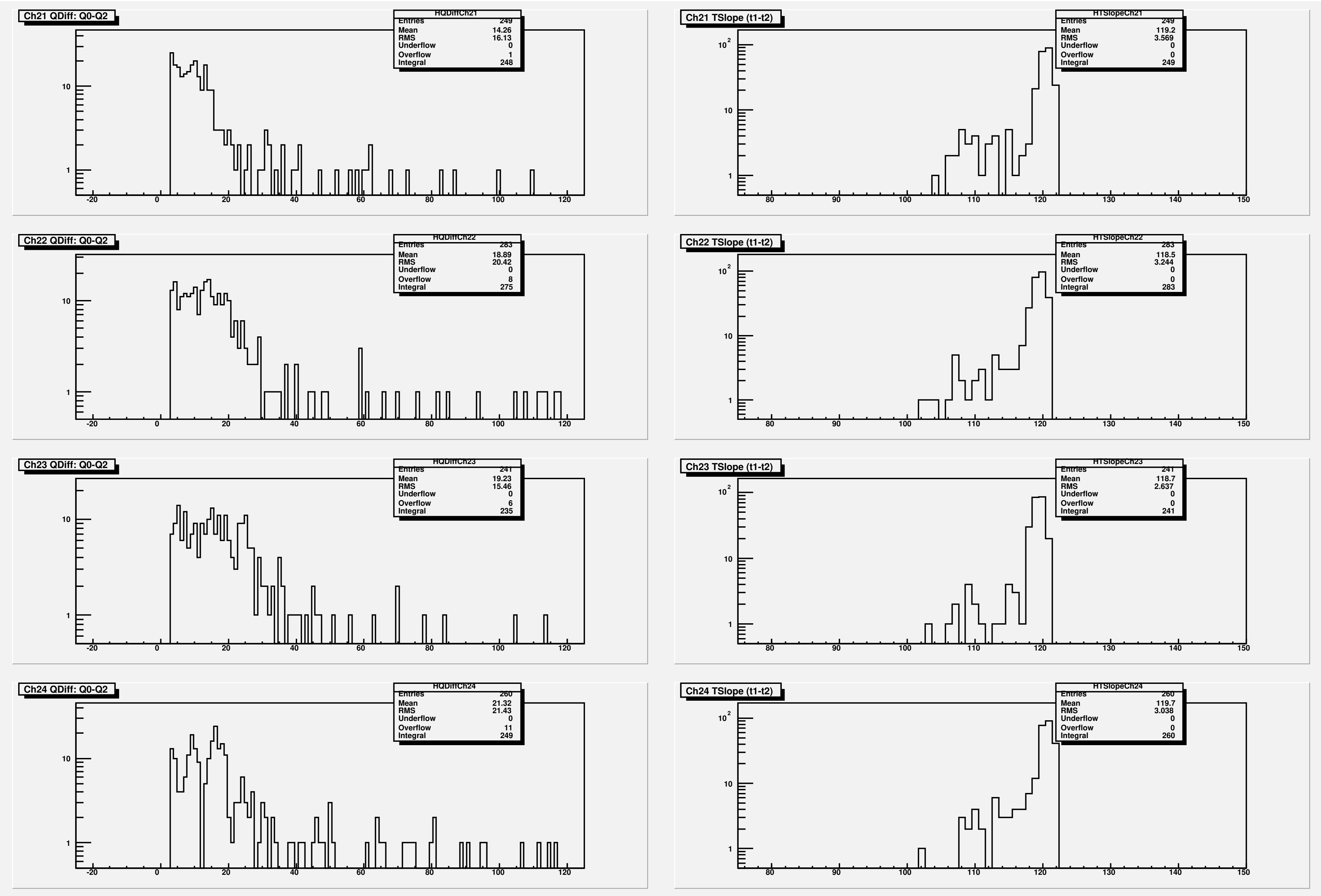

Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 112
Mean 7.08
RMS 6.265
Underflow 0
Overflow 0
Integral 112
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 112
Mean 118.6
RMS 4.944
Underflow 0
Overflow 0
Integral 112
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 320
Mean 8.613
RMS 9.478
Underflow 0
Overflow 0
Integral 320
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 320
Mean 119.3
RMS 3.28
Underflow 0
Overflow 0
Integral 320
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 507
Mean 14.43
RMS 17.2
Underflow 0
Overflow 5
Integral 502
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 507
Mean 118.2
RMS 2.857
Underflow 0
Overflow 2
Integral 505
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 330
Mean 12.1
RMS 15.64
Underflow 0
Overflow 0
Integral 330
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 330
Mean 118.9
RMS 2.278
Underflow 0
Overflow 0
Integral 330

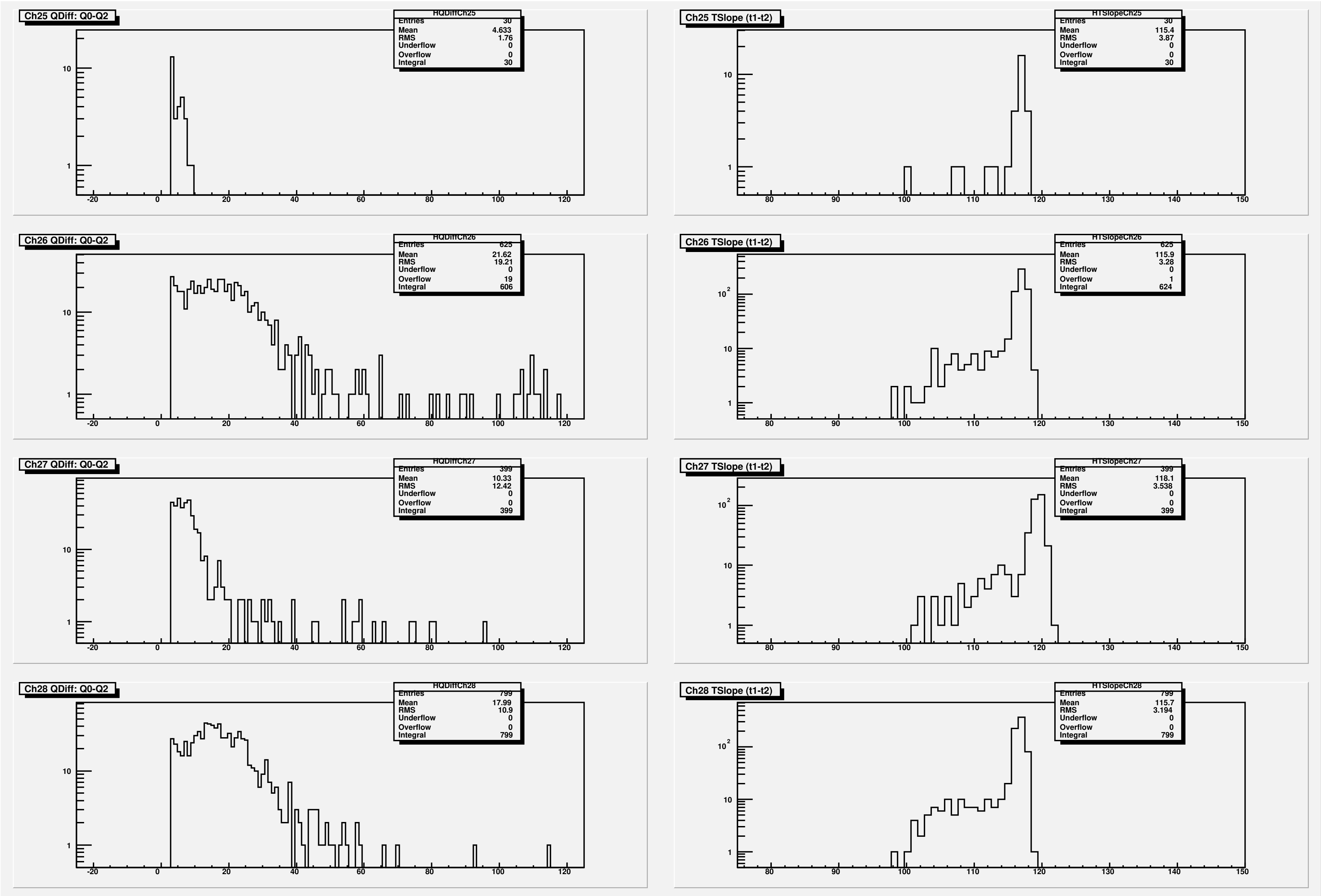

Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 89
Mean 18.36
RMS 24.16
Underflow 0
Overflow 0
Integral 89
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 89
Mean 116.6
RMS 9.95
Underflow 0
Overflow 10
Integral 79
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 341
Mean 18.01
RMS 10.06
Underflow 0
Overflow 0
Integral 341
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 341
Mean 117.8
RMS 9.958
Underflow 0
Overflow 51
Integral 290
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 354
Mean 15.55
RMS 18.07
Underflow 0
Overflow 13
Integral 341
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 354
Mean 117.6
RMS 9.695
Underflow 0
Overflow 55
Integral 299
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 777
Mean 14.52
RMS 19.15
Underflow 0
Overflow 10
Integral 767
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 777
Mean 116.5
RMS 10.23
Underflow 0
Overflow 126
Integral 651

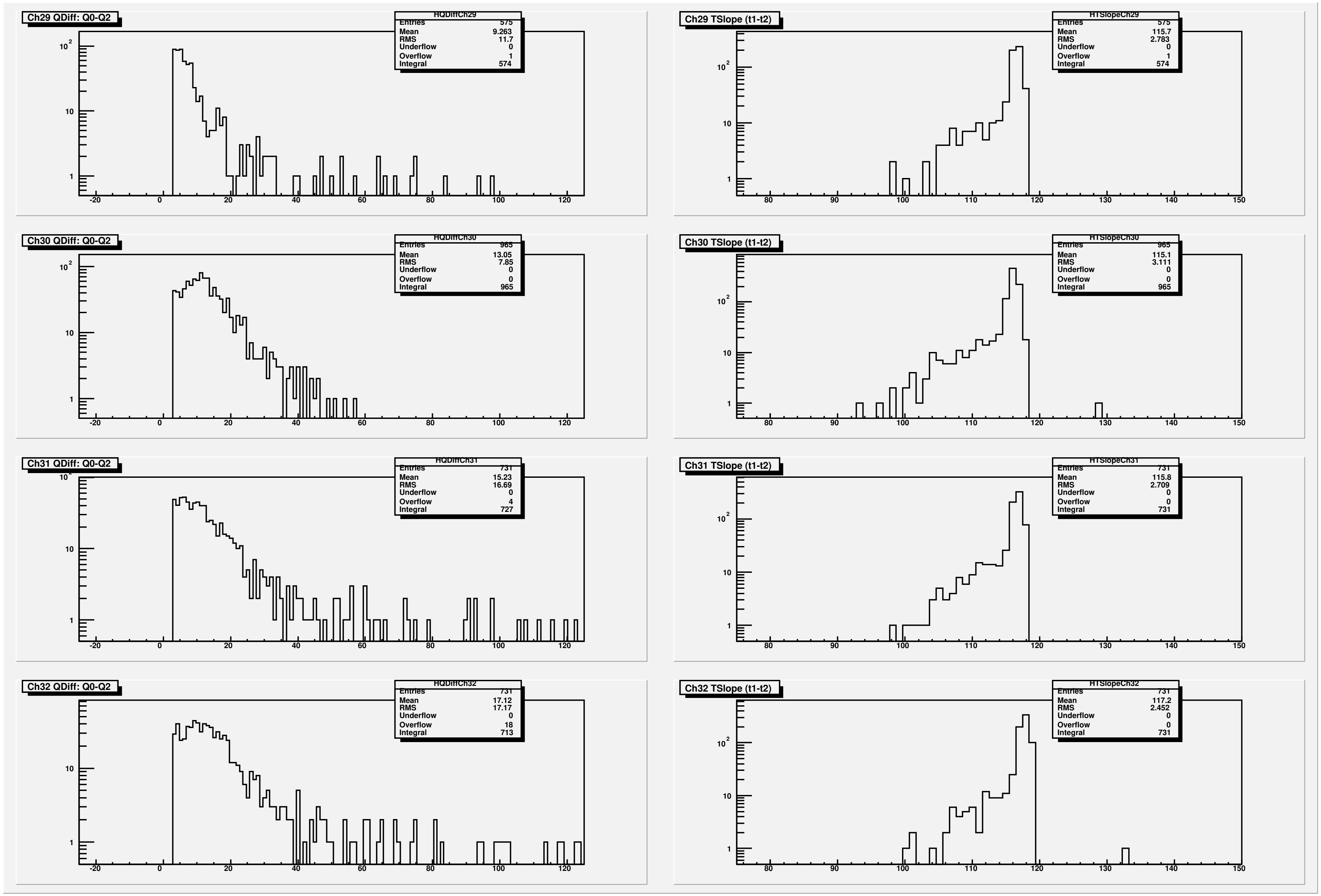


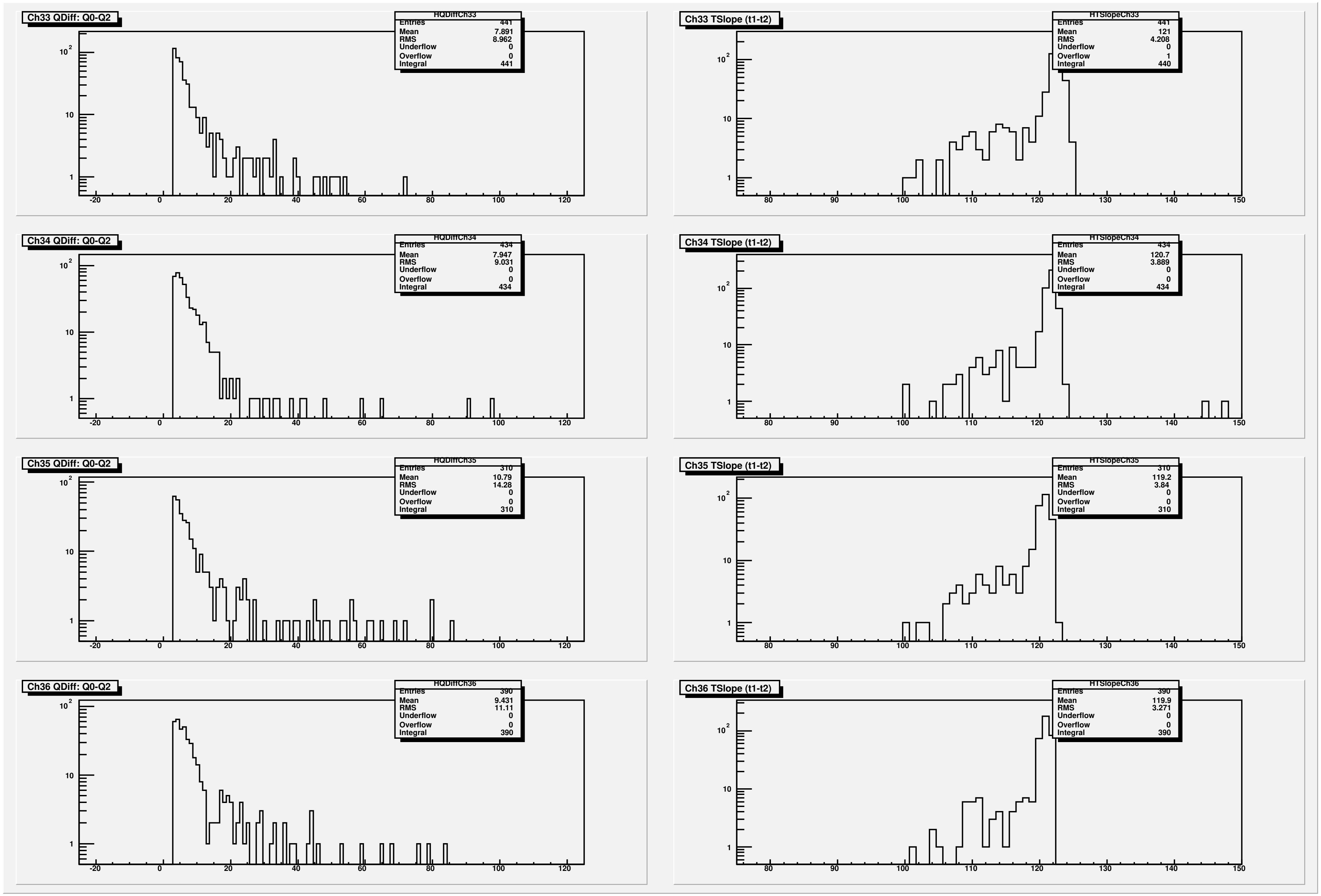
Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 388
Mean 17.05
RMS 21.25
Underflow 0
Overflow 5
Integral 383
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 388
Mean 117
RMS 9.402
Underflow 0
Overflow 50
Integral 338
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 253
Mean 21.31
RMS 23.35
Underflow 0
Overflow 15
Integral 238
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 253
Mean 117
RMS 9.352
Underflow 0
Overflow 33
Integral 220
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 208
Mean 16.36
RMS 19.45
Underflow 0
Overflow 7
Integral 201
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 208
Mean 117
RMS 9.921
Underflow 0
Overflow 37
Integral 171
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 176
Mean 14.91
RMS 19.42
Underflow 0
Overflow 2
Integral 174
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 176
Mean 116.5
RMS 10.1
Underflow 0
Overflow 17
Integral 159

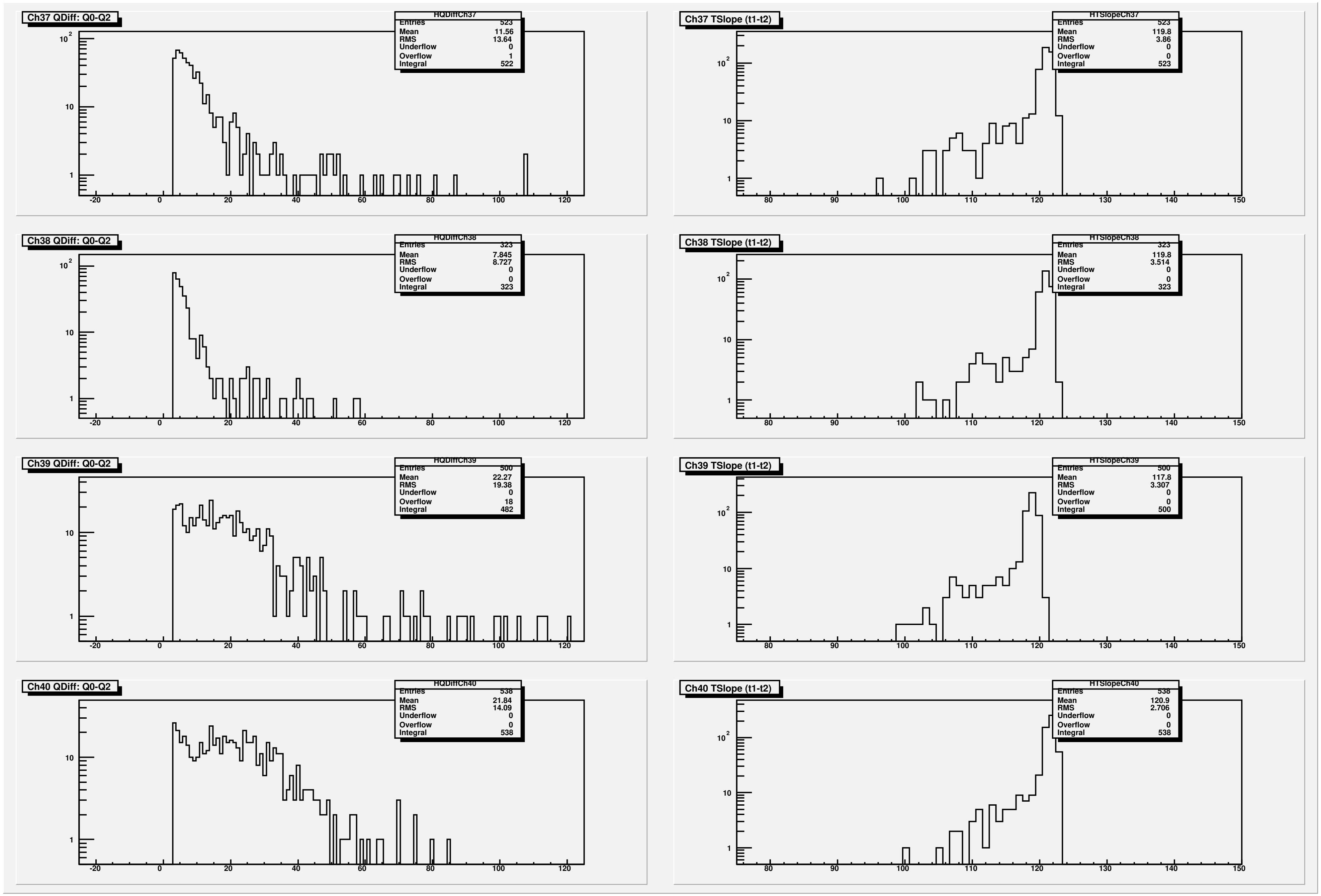

Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 265
Mean 11
RMS 10.67
Underflow 0
Overflow 1
Integral 264
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 265
Mean 119.8
RMS 3.344
Underflow 0
Overflow 0
Integral 265
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 260
Mean 8.4
RMS 10.51
Underflow 0
Overflow 0
Integral 260
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 260
Mean 119.5
RMS 3.724
Underflow 0
Overflow 0
Integral 260
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 462
Mean 18.99
RMS 18.53
Underflow 0
Overflow 10
Integral 452
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 462
Mean 119.2
RMS 3.858
Underflow 0
Overflow 0
Integral 462
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 340
Mean 16.7
RMS 17.6
Underflow 0
Overflow 1
Integral 339
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 340
Mean 119.1
RMS 3.281
Underflow 0
Overflow 0
Integral 340

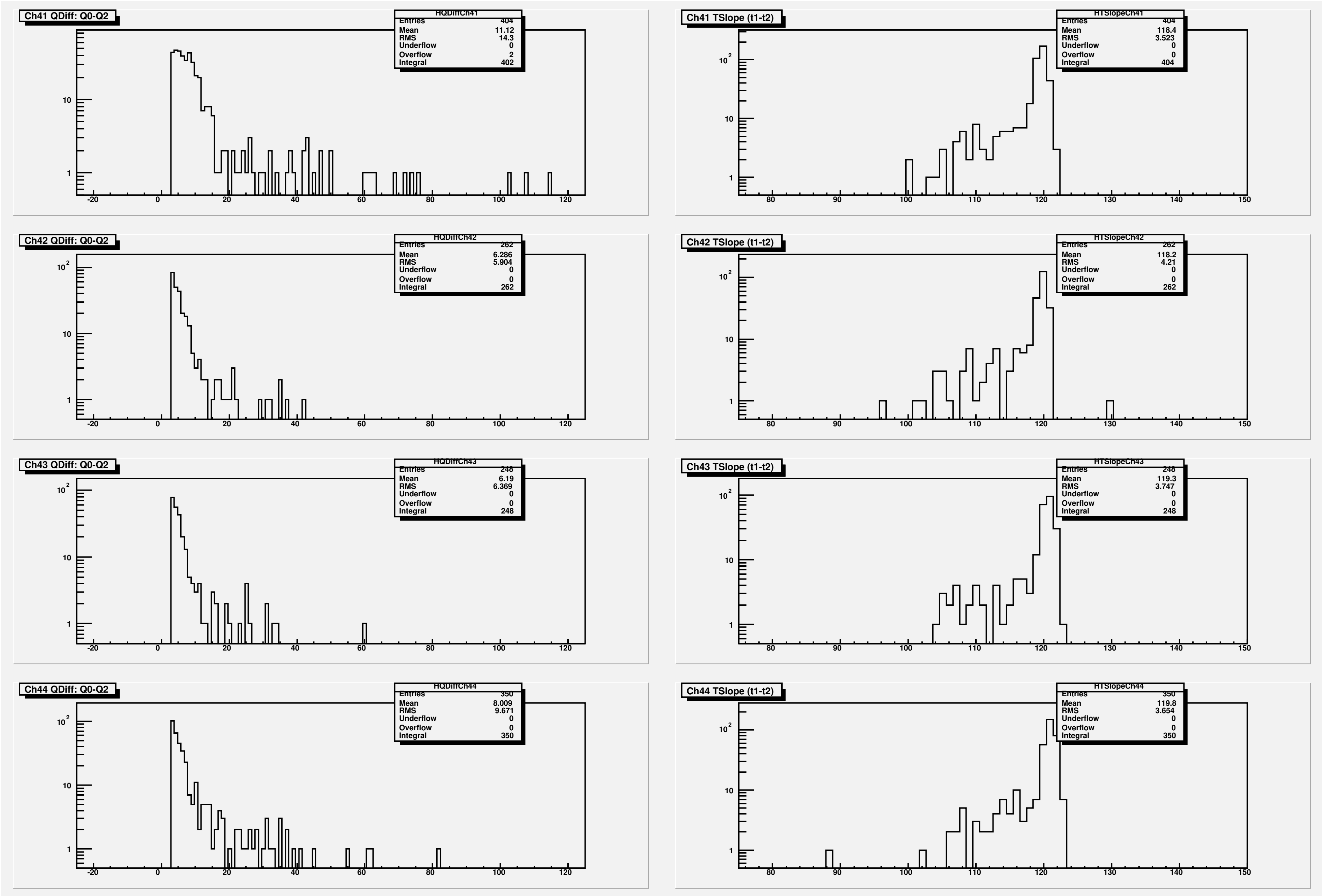

Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 249
Mean 14.26
RMS 16.13
Underflow 0
Overflow 1
Integral 248
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 249
Mean 119.2
RMS 3.569
Underflow 0
Overflow 0
Integral 249
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 283
Mean 18.89
RMS 20.42
Underflow 0
Overflow 8
Integral 275
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 283
Mean 118.5
RMS 3.244
Underflow 0
Overflow 0
Integral 283
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 241
Mean 19.23
RMS 15.46
Underflow 0
Overflow 6
Integral 235
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 241
Mean 118.7
RMS 2.637
Underflow 0
Overflow 0
Integral 241
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 260
Mean 21.32
RMS 21.43
Underflow 0
Overflow 11
Integral 249
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 260
Mean 119.7
RMS 3.038
Underflow 0
Overflow 0
Integral 260


Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 30
Mean 4.633
RMS 1.76
Underflow 0
Overflow 0
Integral 30
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 30
Mean 115.4
RMS 3.87
Underflow 0
Overflow 0
Integral 30
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 625
Mean 21.62
RMS 19.21
Underflow 0
Overflow 19
Integral 606
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 625
Mean 115.9
RMS 3.28
Underflow 0
Overflow 1
Integral 624
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 399
Mean 10.33
RMS 12.42
Underflow 0
Overflow 0
Integral 399
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 399
Mean 118.1
RMS 3.538
Underflow 0
Overflow 0
Integral 399
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 799
Mean 17.99
RMS 10.9
Underflow 0
Overflow 0
Integral 799
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 799
Mean 115.7
RMS 3.194
Underflow 0
Overflow 0
Integral 799


Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 575
Mean 9.263
RMS 11.7
Underflow 0
Overflow 1
Integral 574
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 575
Mean 115.7
RMS 2.783
Underflow 0
Overflow 1
Integral 574
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 965
Mean 13.05
RMS 7.85
Underflow 0
Overflow 0
Integral 965
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 965
Mean 115.1
RMS 3.111
Underflow 0
Overflow 0
Integral 965
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 731
Mean 15.23
RMS 16.69
Underflow 0
Overflow 4
Integral 727
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 731
Mean 115.8
RMS 2.709
Underflow 0
Overflow 0
Integral 731
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 731
Mean 17.12
RMS 17.17
Underflow 0
Overflow 18
Integral 713
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 731
Mean 117.2
RMS 2.452
Underflow 0
Overflow 0
Integral 731


Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 441
Mean 7.891
RMS 8.962
Underflow 0
Overflow 0
Integral 441
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 441
Mean 121
RMS 4.208
Underflow 0
Overflow 1
Integral 440
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 434
Mean 7.947
RMS 9.031
Underflow 0
Overflow 0
Integral 434
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 434
Mean 120.7
RMS 3.889
Underflow 0
Overflow 0
Integral 434
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 310
Mean 10.79
RMS 14.28
Underflow 0
Overflow 0
Integral 310
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 310
Mean 119.2
RMS 3.84
Underflow 0
Overflow 0
Integral 310
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 390
Mean 9.431
RMS 11.11
Underflow 0
Overflow 0
Integral 390
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 390
Mean 119.9
RMS 3.271
Underflow 0
Overflow 0
Integral 390
-20 0 20 40 60 80 100 120
80 90 100 110 120 130 140 150
1 10 10^2


Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 523
Mean 11.56
RMS 13.64
Underflow 0
Overflow 1
Integral 522
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 523
Mean 119.8
RMS 3.86
Underflow 0
Overflow 0
Integral 523
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 323
Mean 7.845
RMS 8.727
Underflow 0
Overflow 0
Integral 323
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 323
Mean 119.8
RMS 3.514
Underflow 0
Overflow 0
Integral 323
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 500
Mean 22.27
RMS 19.38
Underflow 0
Overflow 18
Integral 482
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 500
Mean 117.8
RMS 3.307
Underflow 0
Overflow 0
Integral 500
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 538
Mean 21.84
RMS 14.09
Underflow 0
Overflow 0
Integral 538
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 538
Mean 120.9
RMS 2.706
Underflow 0
Overflow 0
Integral 538


Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 404
Mean 11.12
RMS 14.3
Underflow 0
Overflow 2
Integral 402
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 404
Mean 118.4
RMS 3.523
Underflow 0
Overflow 0
Integral 404
Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 262
Mean 6.286
RMS 5.904
Underflow 0
Overflow 0
Integral 262
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 262
Mean 118.2
RMS 4.21
Underflow 0
Overflow 0
Integral 262
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 248
Mean 6.19
RMS 6.369
Underflow 0
Overflow 0
Integral 248
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 248
Mean 119.3
RMS 3.747
Underflow 0
Overflow 0
Integral 248
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 350
Mean 8.009
RMS 9.671
Underflow 0
Overflow 0
Integral 350
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 350
Mean 119.8
RMS 3.654
Underflow 0
Overflow 0
Integral 350