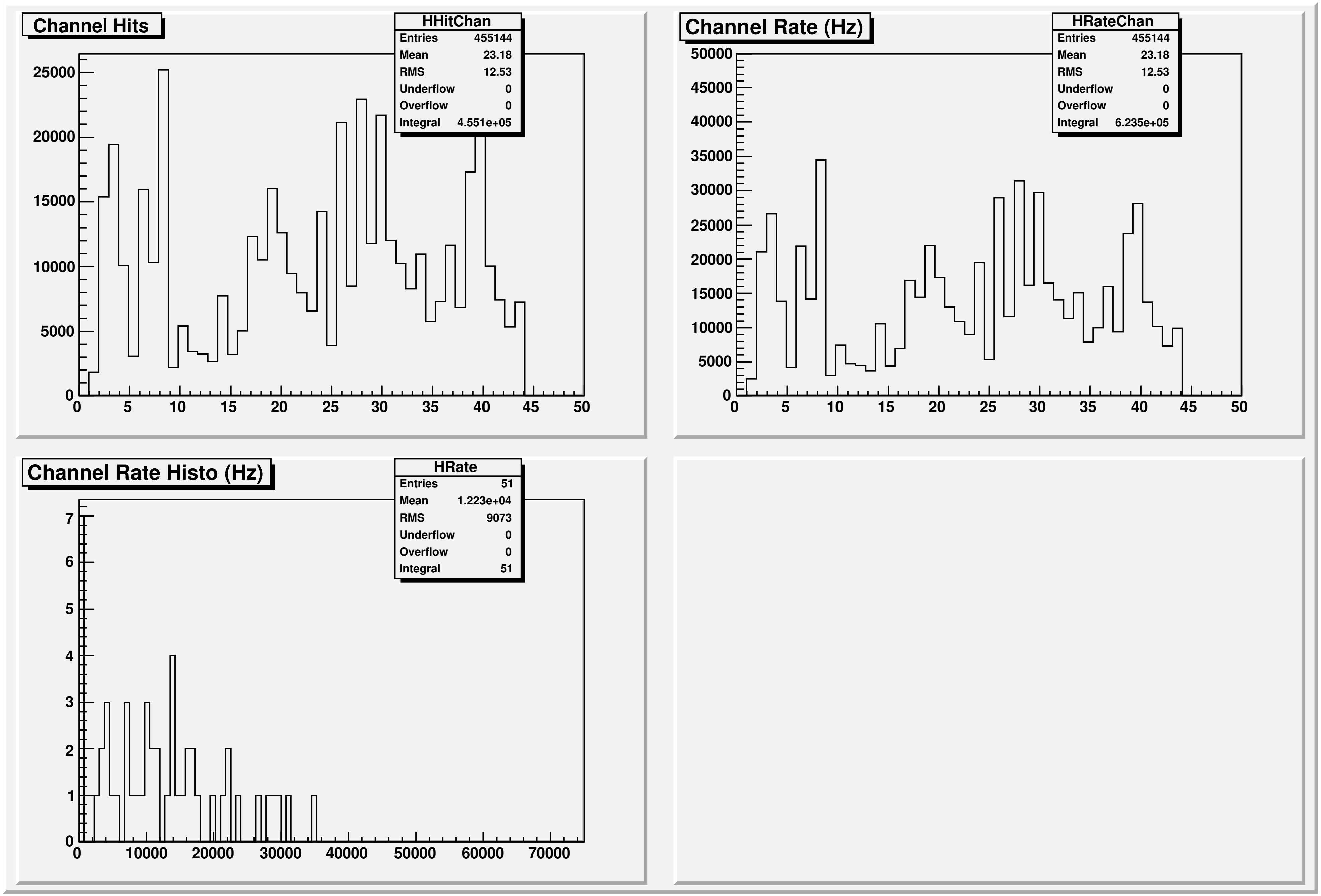
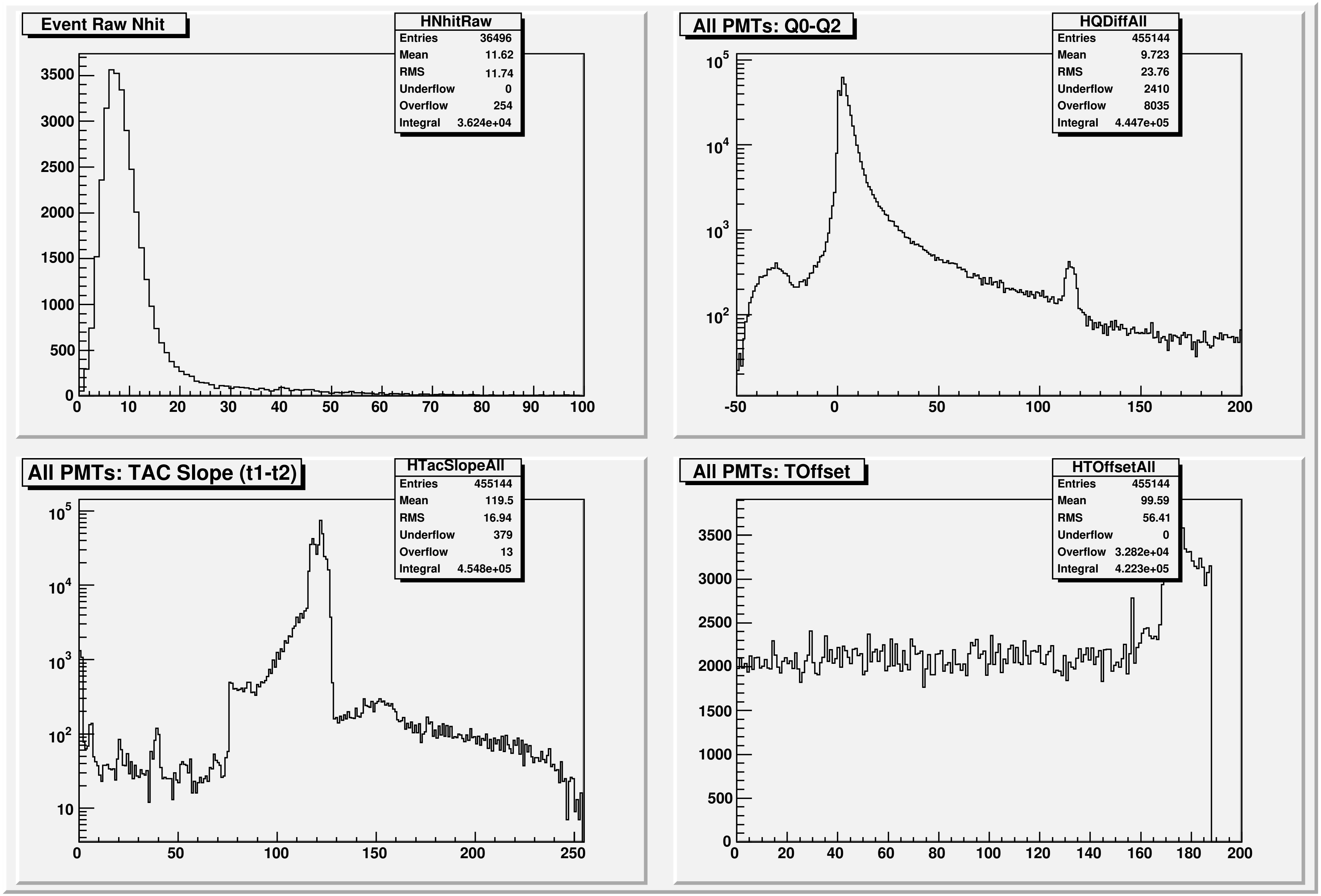
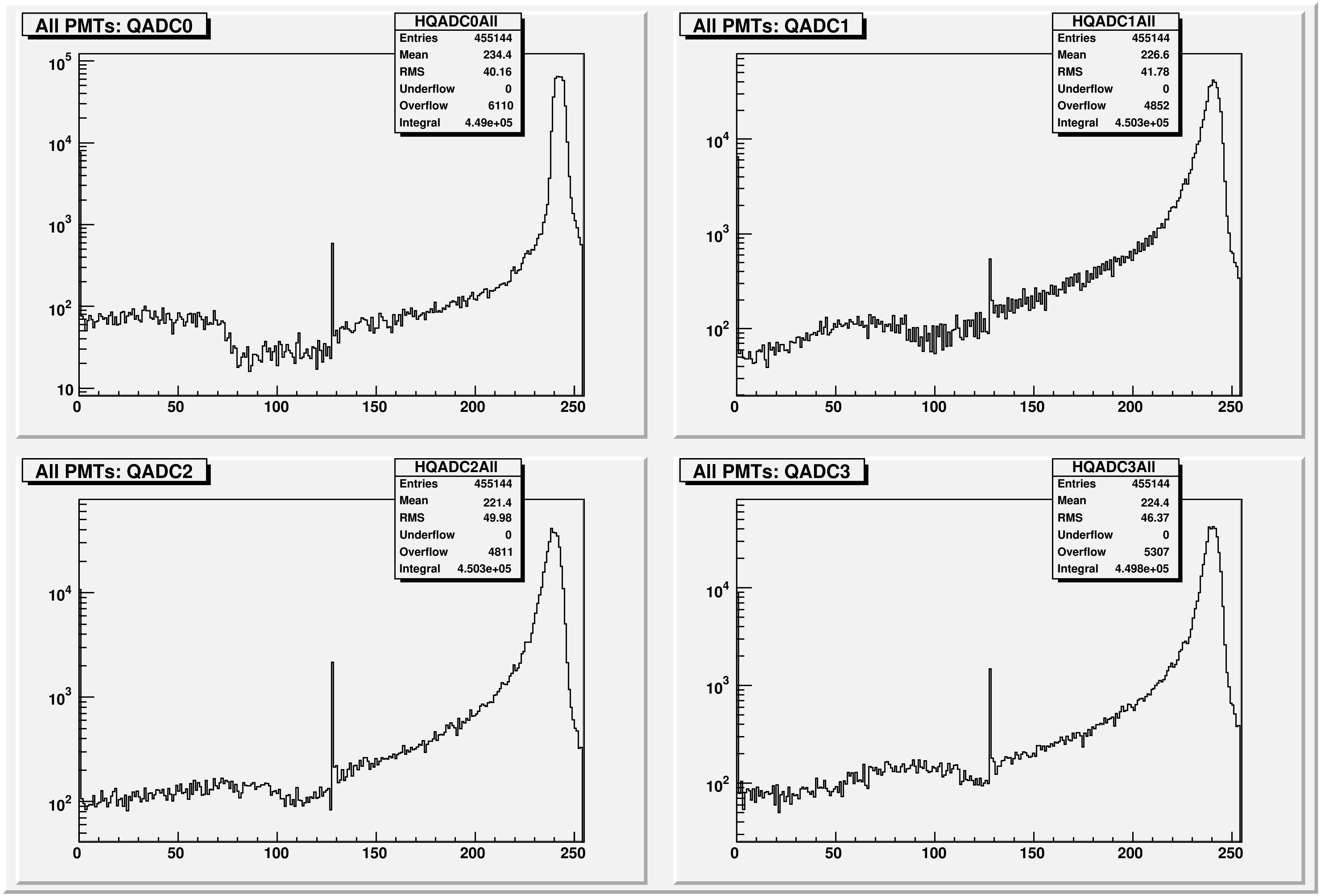
RUN: VlandUnCal Run11618

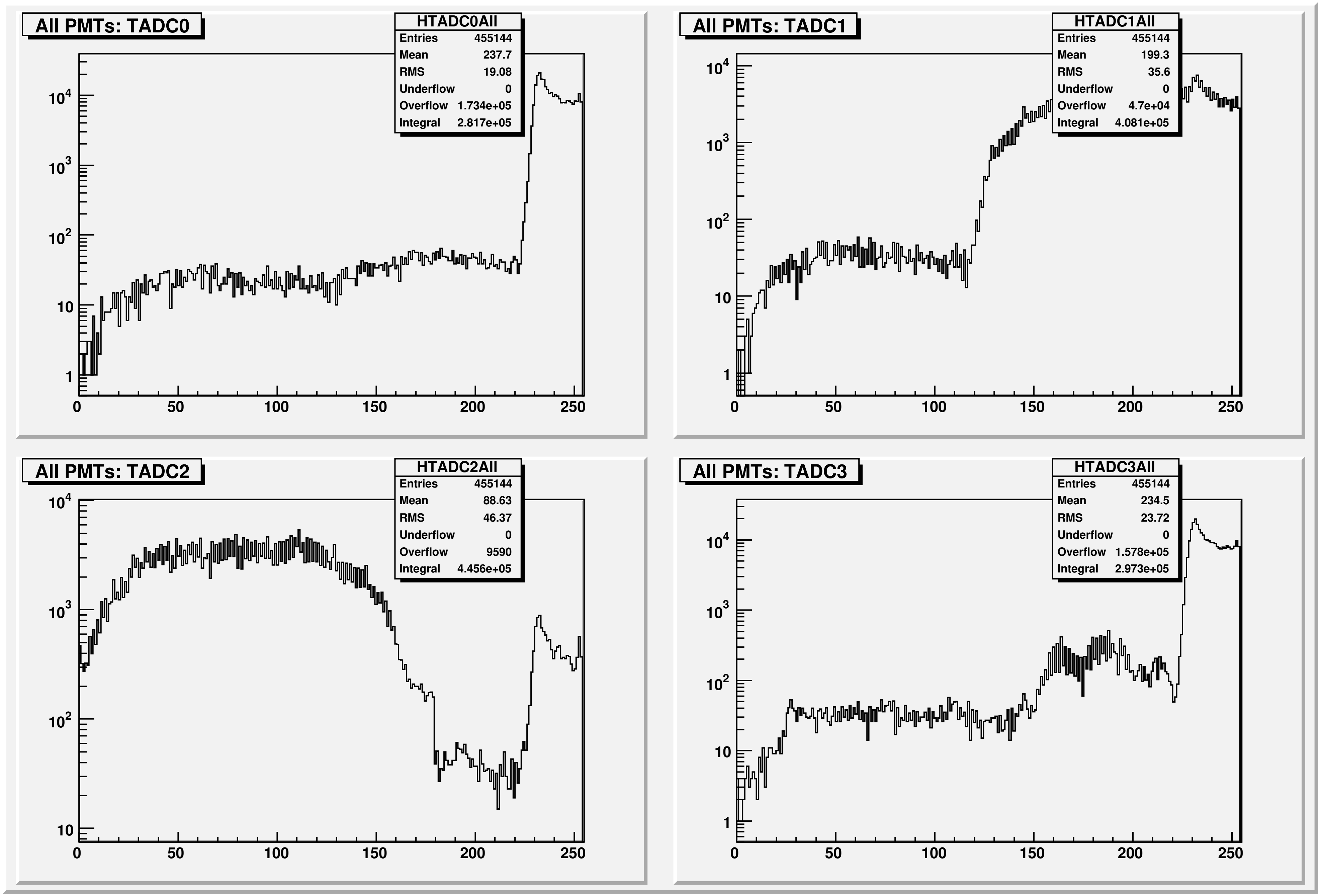

Channel Hits
HHitChan
Entries 455144
Mean 23.18
RMS 12.53
Underflow 0
Overflow 0
Integral 4.551e+05
Channel Rate (Hz)
HRateChan
Entries 455144
Mean 23.18
RMS 12.53
Underflow 0
Overflow 0
Integral 6.235e+05
Channel Rate Histo (Hz)
HRate
Entries 51
Mean 1.223e+04
RMS 9073
Underflow 0
Overflow 0
Integral 51

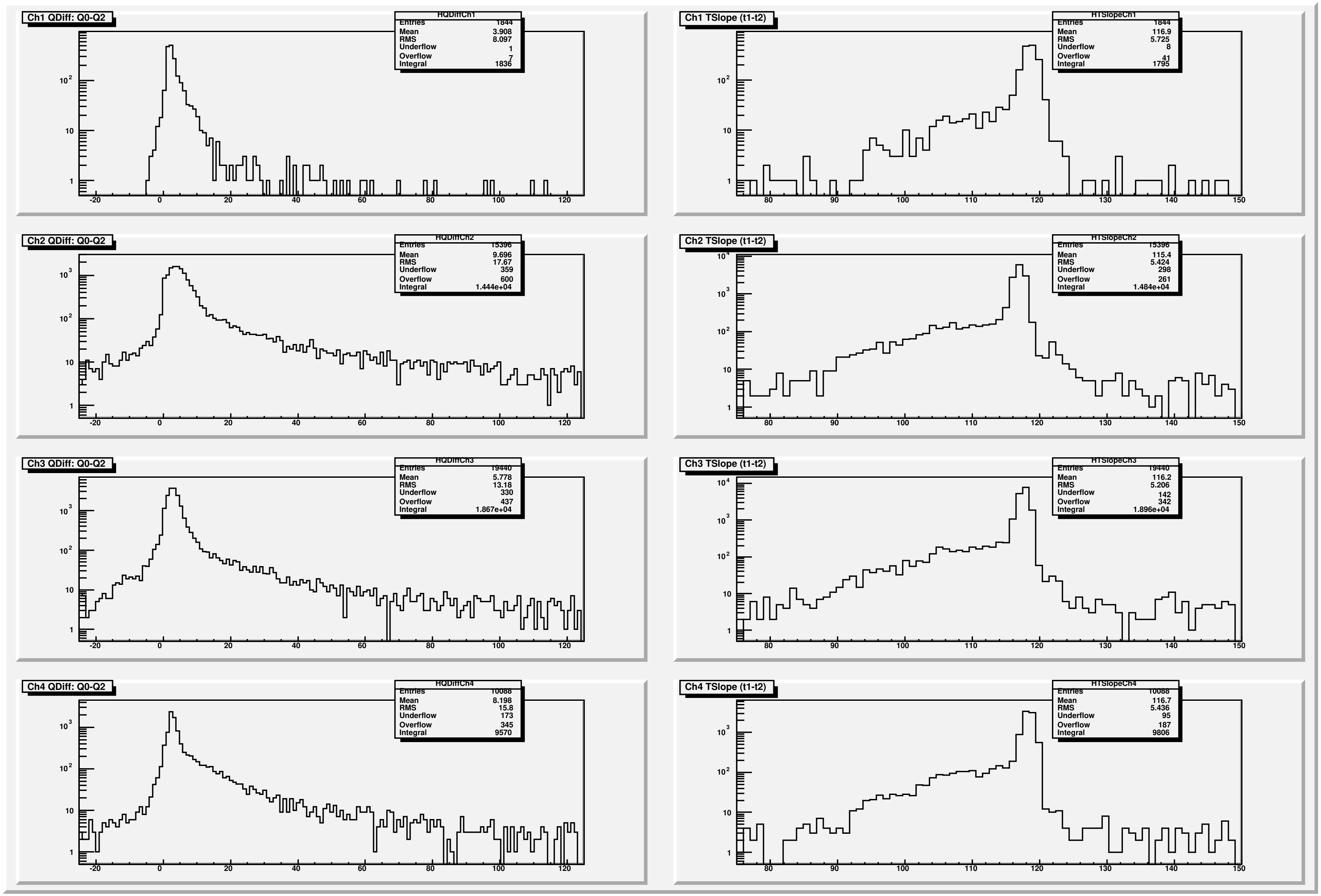


Event Raw Nhit
HNhitRaw
Entries 36496
Mean 11.62
RMS 11.74
Underflow 0
Overflow 254
Integral 3.624e+04
All PMTs: Q0-Q2
HQDiffAll
Entries 455144
Mean 9.723
RMS 23.76
Underflow 2410
Overflow 8035
Integral 4.447e+05
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 455144
Mean 119.5
RMS 16.94
Underflow 379
Overflow 13
Integral 4.548e+05
All PMTs: TOffset
HTOffsetAll
Entries 455144
Mean 99.59
RMS 56.41
Underflow 0
Overflow 3.282e+04
Integral 4.223e+05

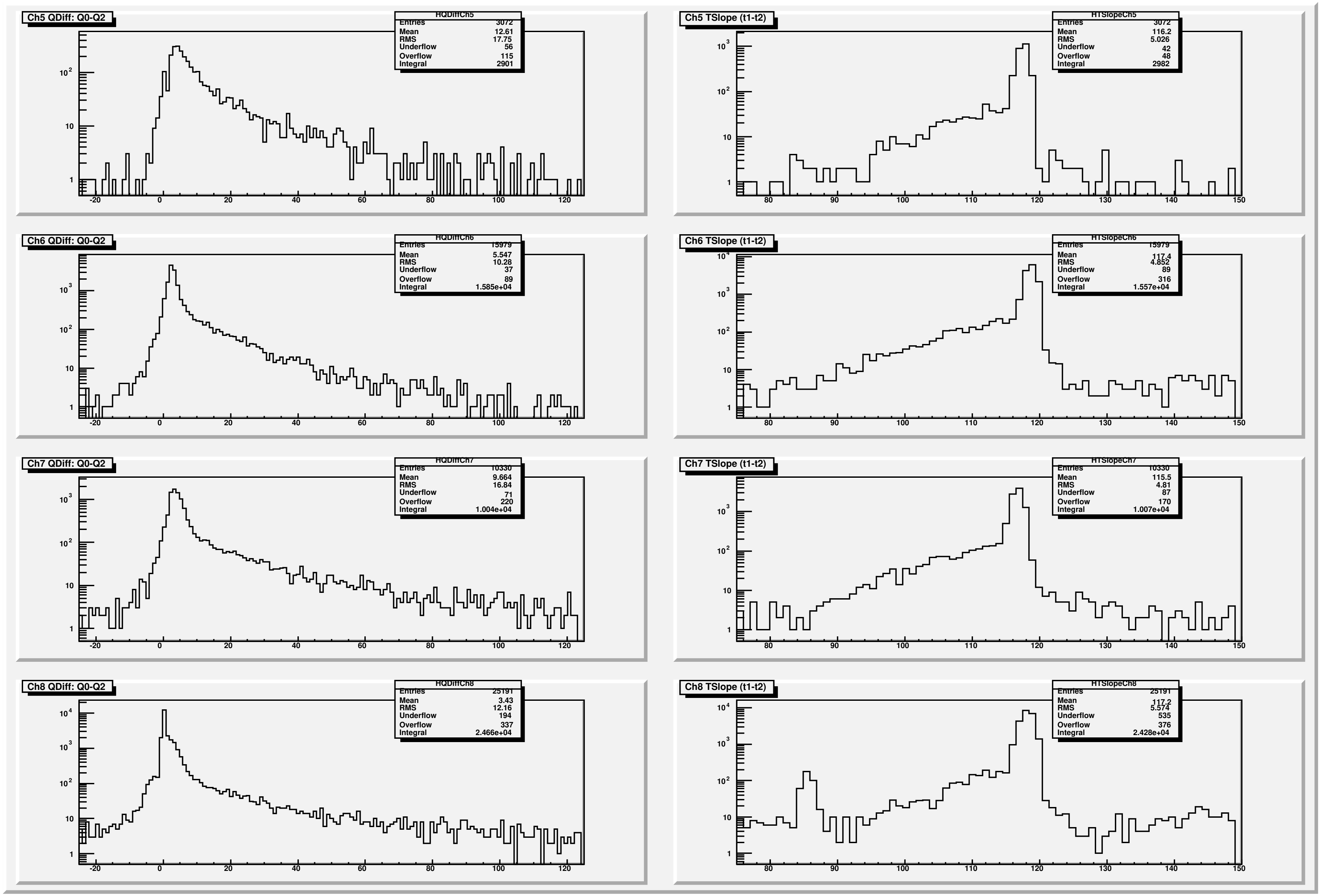


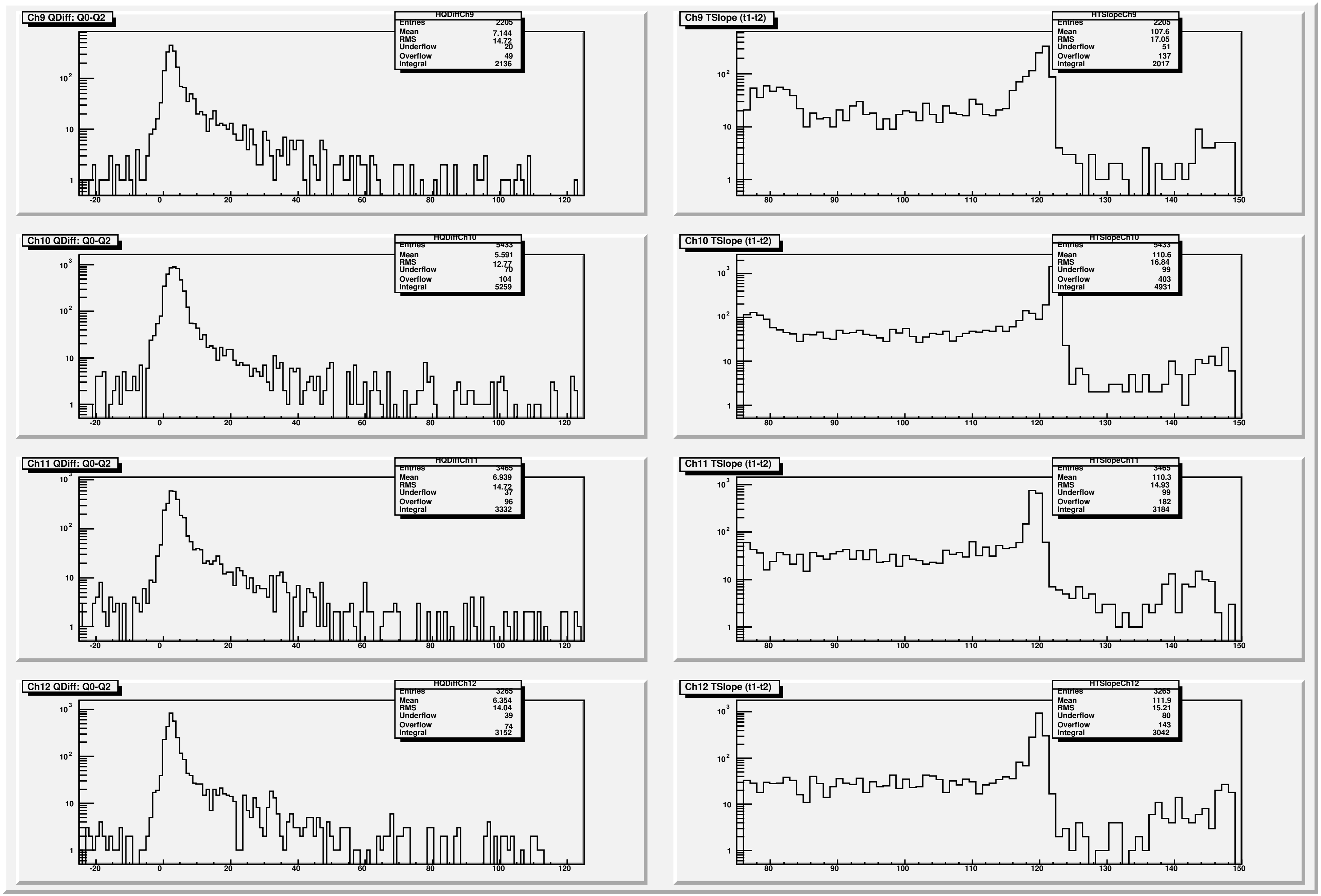
All PMTs: QADC0
HQADC0All
Entries 455144
Mean 234.4
RMS 40.16
Underflow 0
Overflow 6110
Integral 4.49e+05
All PMTs: QADC1
HQADC1All
Entries 455144
Mean 226.6
RMS 41.78
Underflow 0
Overflow 4852
Integral 4.503e+05
All PMTs: QADC2
HQADC2All
Entries 455144
Mean 221.4
RMS 49.98
Underflow 0
Overflow 4811
Integral 4.503e+05
All PMTs: QADC3
HQADC3All
Entries 455144
Mean 224.4
RMS 46.37
Underflow 0
Overflow 5307
Integral 4.498e+05

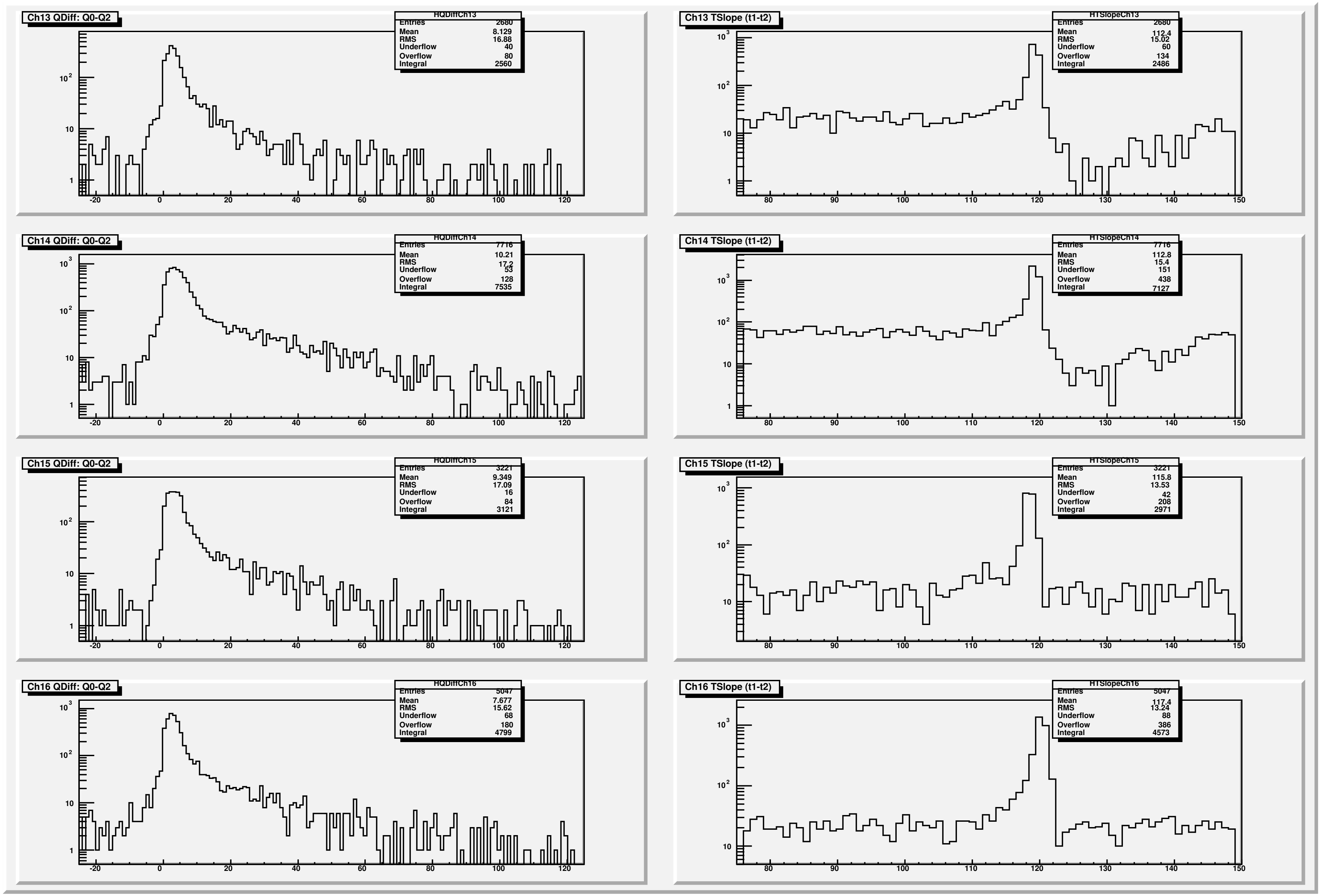

All PMTs: TADC0
HTADC0All
Entries 455144
Mean 237.7
RMS 19.08
Underflow 0
Overflow 1.734e+05
Integral 2.817e+05
All PMTs: TADC1
HTADC1All
Entries 455144
Mean 199.3
RMS 35.6
Underflow 0
Overflow 4.7e+04
Integral 4.081e+05
All PMTs: TADC2
HTADC2All
Entries 455144
Mean 88.63
RMS 46.37
Underflow 0
Overflow 9590
Integral 4.456e+05
All PMTs: TADC3
HTADC3All
Entries 455144
Mean 234.5
RMS 23.72
Underflow 0
Overflow 1.578e+05
Integral 2.973e+05

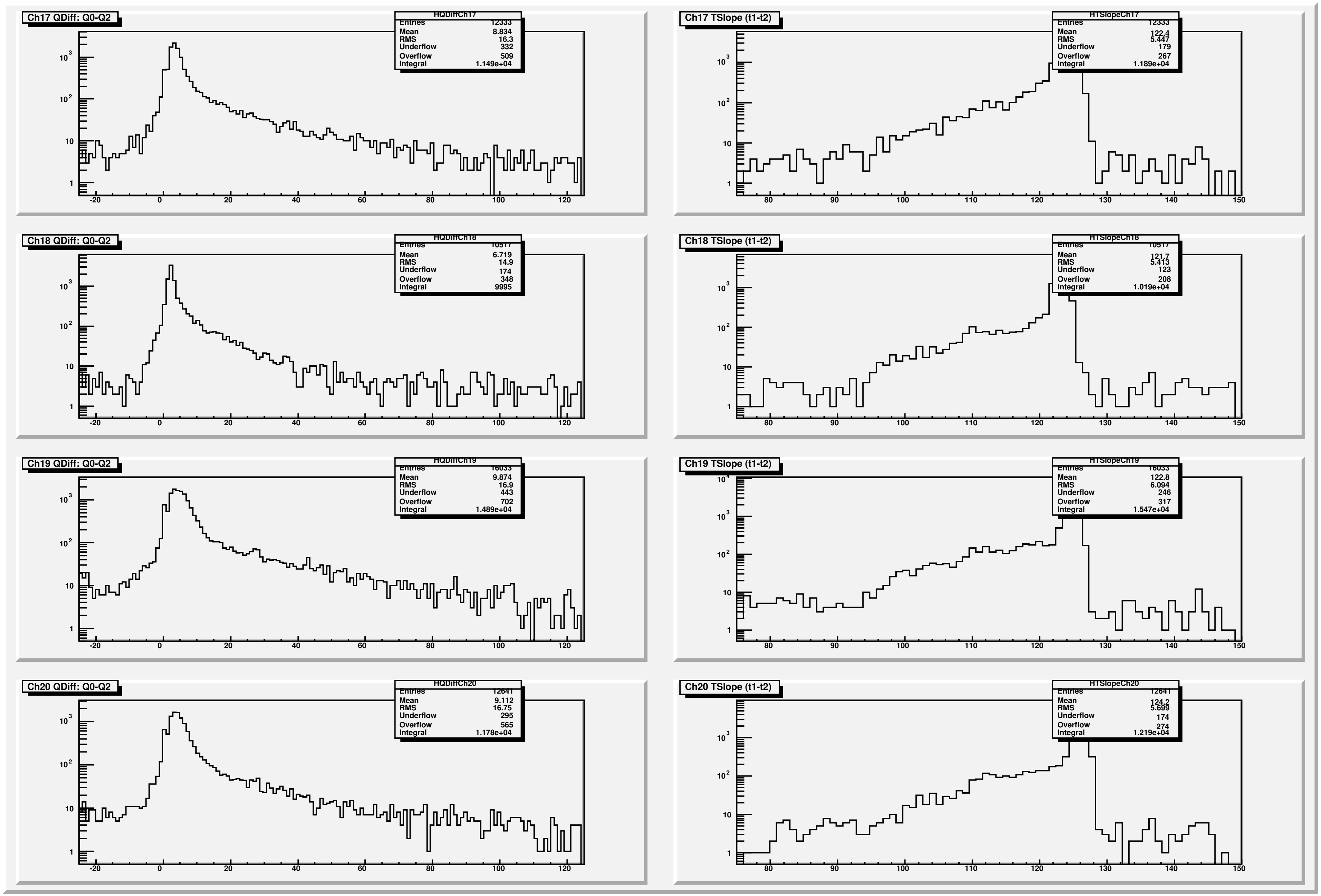


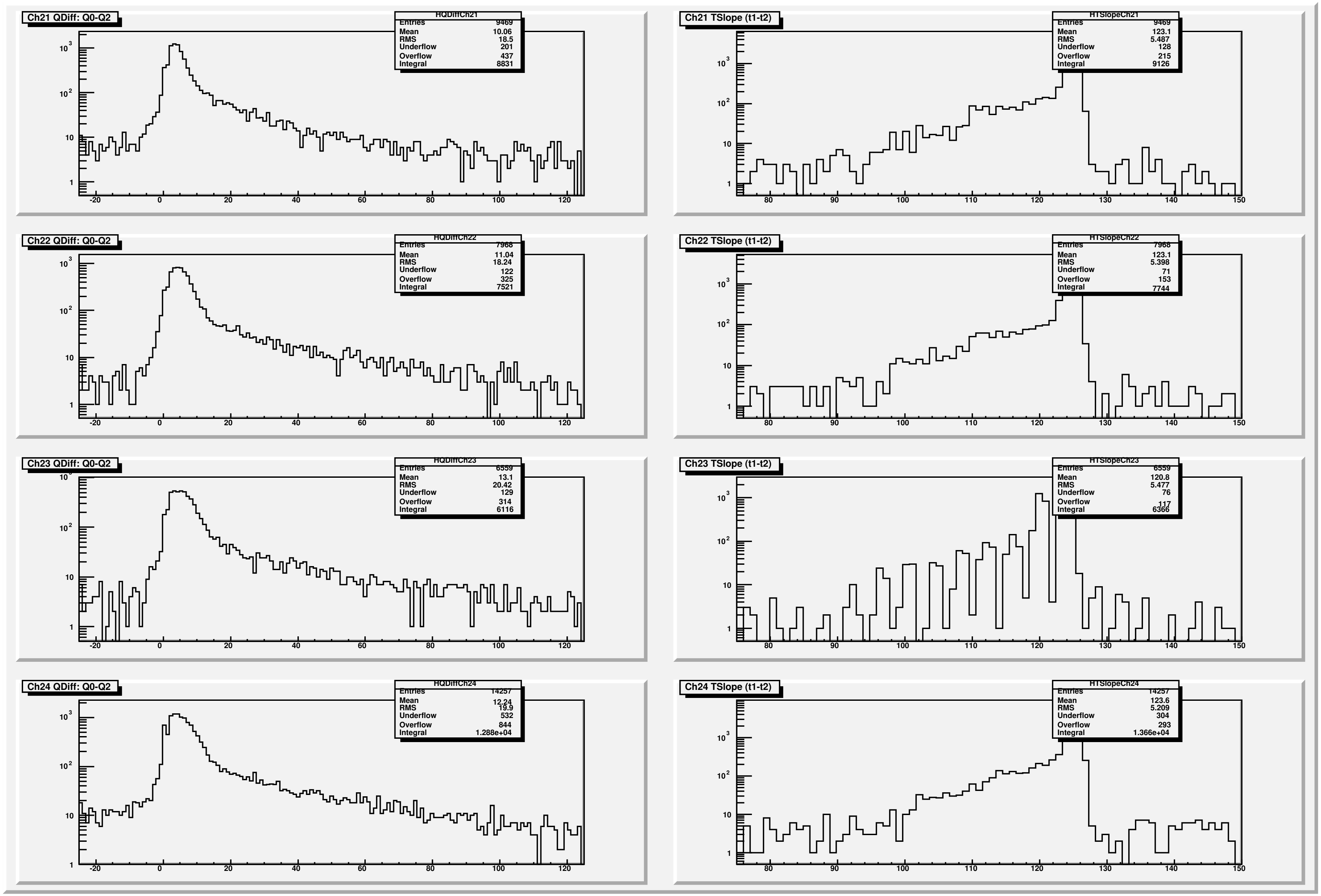
Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 1844
Mean 3.908
RMS 8.097
Underflow 1
Overflow 7
Integral 1836
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 1844
Mean 116.9
RMS 5.725
Underflow 8
Overflow 41
Integral 1795
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 15396
Mean 9.696
RMS 17.67
Underflow 359
Overflow 600
Integral 1.444e+04
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 15396
Mean 115.4
RMS 5.424
Underflow 298
Overflow 261
Integral 1.484e+04
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 19440
Mean 5.778
RMS 13.18
Underflow 330
Overflow 437
Integral 1.867e+04
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 19440
Mean 116.2
RMS 5.206
Underflow 142
Overflow 342
Integral 1.896e+04
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 10088
Mean 8.198
RMS 15.8
Underflow 173
Overflow 345
Integral 9570
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 10088
Mean 116.7
RMS 5.436
Underflow 95
Overflow 187
Integral 9806

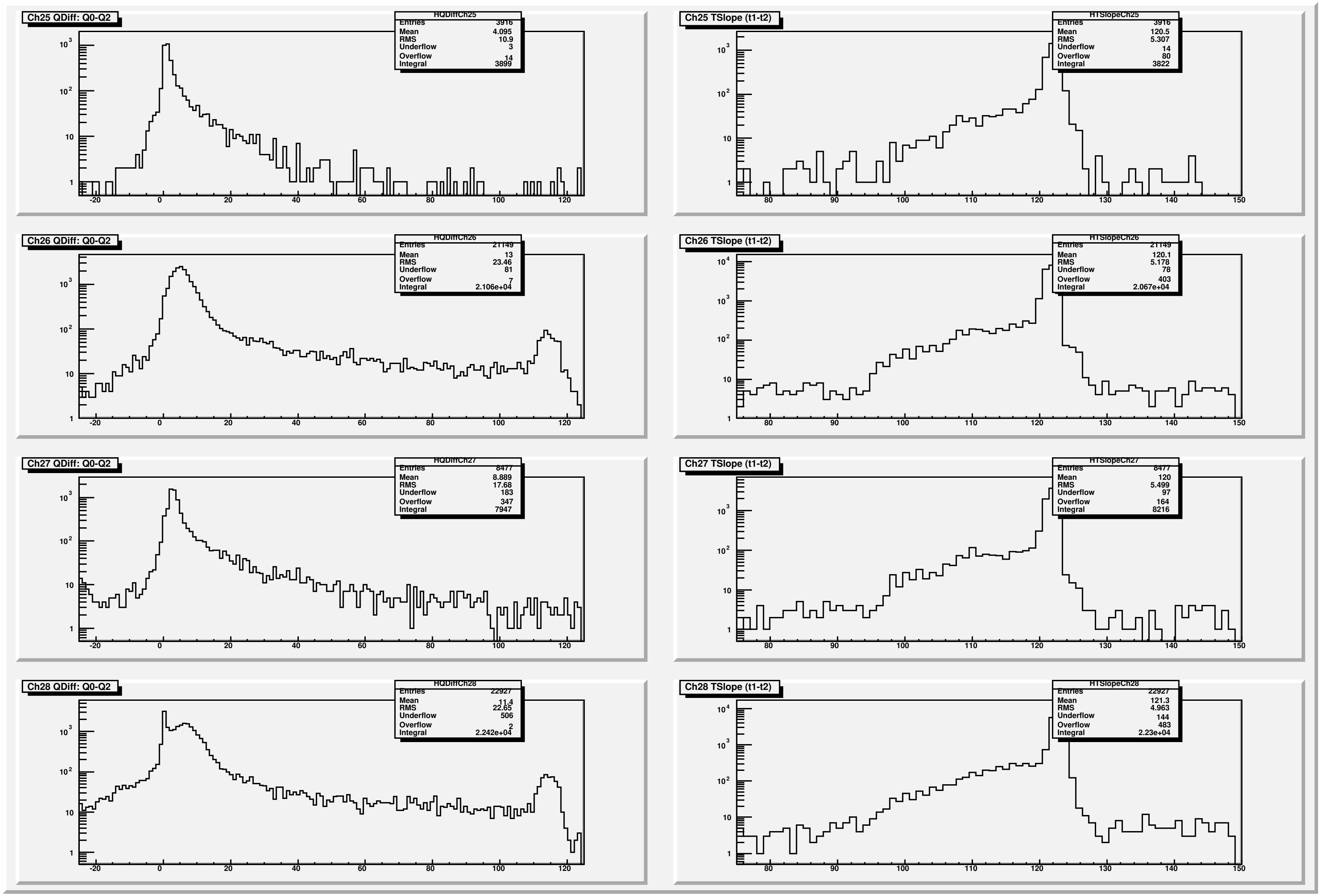

Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 3072
Mean 12.61
RMS 17.75
Underflow 56
Overflow 115
Integral 2901
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 3072
Mean 116.2
RMS 5.026
Underflow 42
Overflow 48
Integral 2982
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 15979
Mean 5.547
RMS 10.28
Underflow 37
Overflow 89
Integral 1.585e+04
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 15979
Mean 117.4
RMS 4.852
Underflow 89
Overflow 316
Integral 1.557e+04
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 10330
Mean 9.664
RMS 16.84
Underflow 71
Overflow 220
Integral 1.004e+04
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 10330
Mean 115.5
RMS 4.81
Underflow 87
Overflow 170
Integral 1.007e+04
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 25191
Mean 3.43
RMS 12.16
Underflow 194
Overflow 337
Integral 2.466e+04
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 25191
Mean 117.2
RMS 5.574
Underflow 535
Overflow 376
Integral 2.428e+04

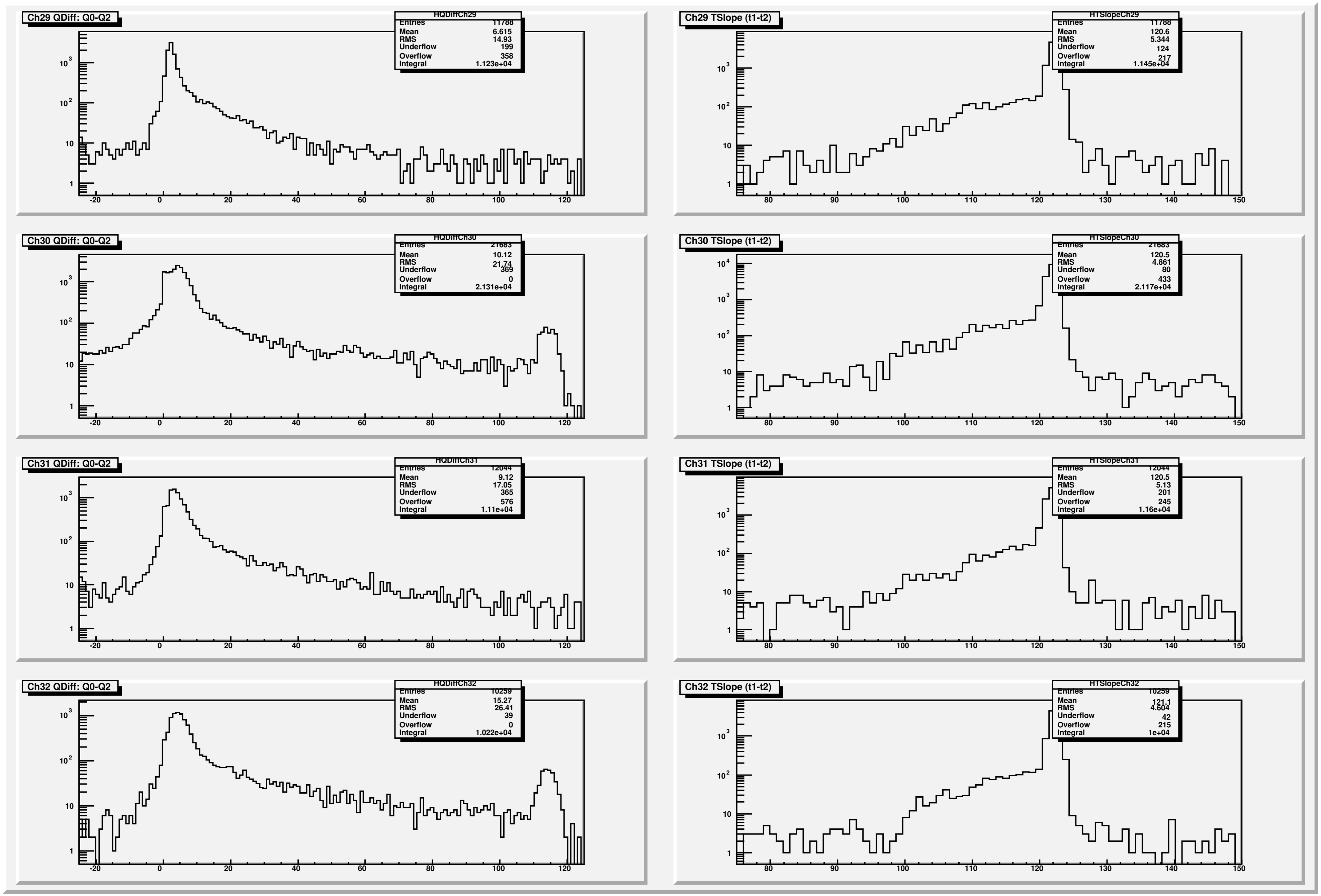

Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 2205
Mean 7.144
RMS 14.72
Underflow 20
Overflow 49
Integral 2136
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 2205
Mean 107.6
RMS 17.05
Underflow 51
Overflow 137
Integral 2017
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 5433
Mean 5.591
RMS 12.77
Underflow 70
Overflow 104
Integral 5259
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 5433
Mean 110.6
RMS 16.84
Underflow 99
Overflow 403
Integral 4931
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 3465
Mean 6.939
RMS 14.72
Underflow 37
Overflow 96
Integral 3332
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 3465
Mean 110.3
RMS 14.93
Underflow 99
Overflow 182
Integral 3184
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 3265
Mean 6.354
RMS 14.04
Underflow 39
Overflow 74
Integral 3152
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 3265
Mean 111.9
RMS 15.21
Underflow 80
Overflow 143
Integral 3042


Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 2680
Mean 8.129
RMS 16.88
Underflow 40
Overflow 80
Integral 2560
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 2680
Mean 112.4
RMS 15.02
Underflow 60
Overflow 134
Integral 2486
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 7716
Mean 10.21
RMS 17.2
Underflow 53
Overflow 128
Integral 7535
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 7716
Mean 112.8
RMS 15.4
Underflow 151
Overflow 438
Integral 7127
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 3221
Mean 9.349
RMS 17.09
Underflow 16
Overflow 84
Integral 3121
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 3221
Mean 115.8
RMS 13.53
Underflow 42
Overflow 208
Integral 2971
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 5047
Mean 7.677
RMS 15.62
Underflow 68
Overflow 180
Integral 4799
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 5047
Mean 117.4
RMS 13.24
Underflow 88
Overflow 386
Integral 4573

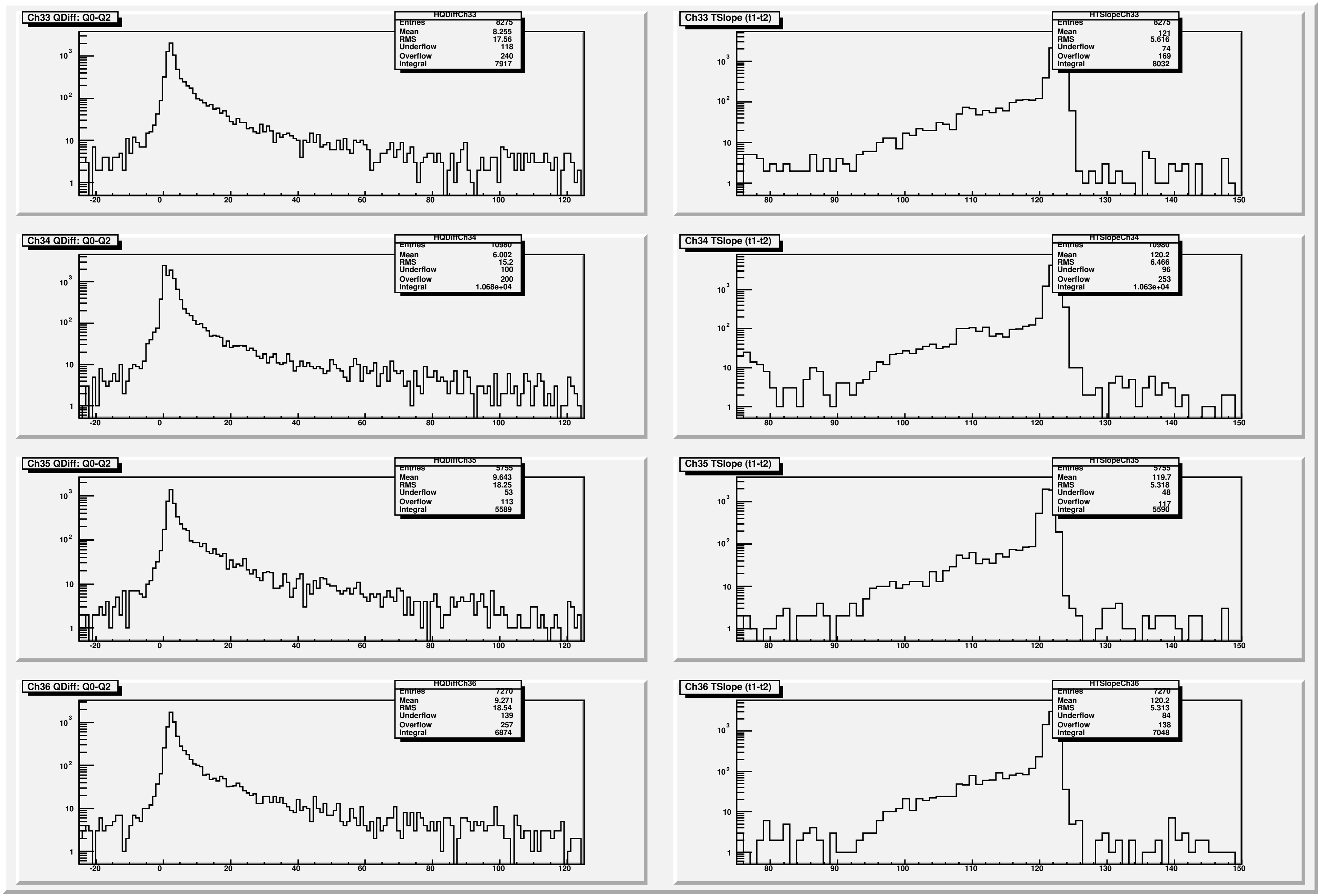

Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 12333
Mean 8.834
RMS 16.3
Underflow 332
Overflow 509
Integral 1.149e+04
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 12333
Mean 122.4
RMS 5.447
Underflow 179
Overflow 267
Integral 1.189e+04
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 10517
Mean 6.719
RMS 14.9
Underflow 174
Overflow 348
Integral 9995
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 10517
Mean 121.7
RMS 5.413
Underflow 123
Overflow 208
Integral 1.019e+04
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 16033
Mean 9.874
RMS 16.9
Underflow 443
Overflow 702
Integral 1.489e+04
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 16033
Mean 122.8
RMS 6.094
Underflow 246
Overflow 317
Integral 1.547e+04
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 12641
Mean 9.112
RMS 16.75
Underflow 295
Overflow 565
Integral 1.178e+04
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 12641
Mean 124.2
RMS 5.699
Underflow 174
Overflow 274
Integral 1.219e+04


Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 9469
Mean 10.06
RMS 18.5
Underflow 201
Overflow 437
Integral 8831
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 9469
Mean 123.1
RMS 5.487
Underflow 128
Overflow 215
Integral 9126
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 7968
Mean 11.04
RMS 18.24
Underflow 122
Overflow 325
Integral 7521
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 7968
Mean 123.1
RMS 5.398
Underflow 71
Overflow 153
Integral 7744
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 6559
Mean 13.1
RMS 20.42
Underflow 129
Overflow 314
Integral 6116
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 6559
Mean 120.8
RMS 5.477
Underflow 76
Overflow 117
Integral 6366
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 14257
Mean 12.24
RMS 19.9
Underflow 532
Overflow 844
Integral 1.288e+04
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 14257
Mean 123.6
RMS 5.209
Underflow 304
Overflow 293
Integral 1.366e+04

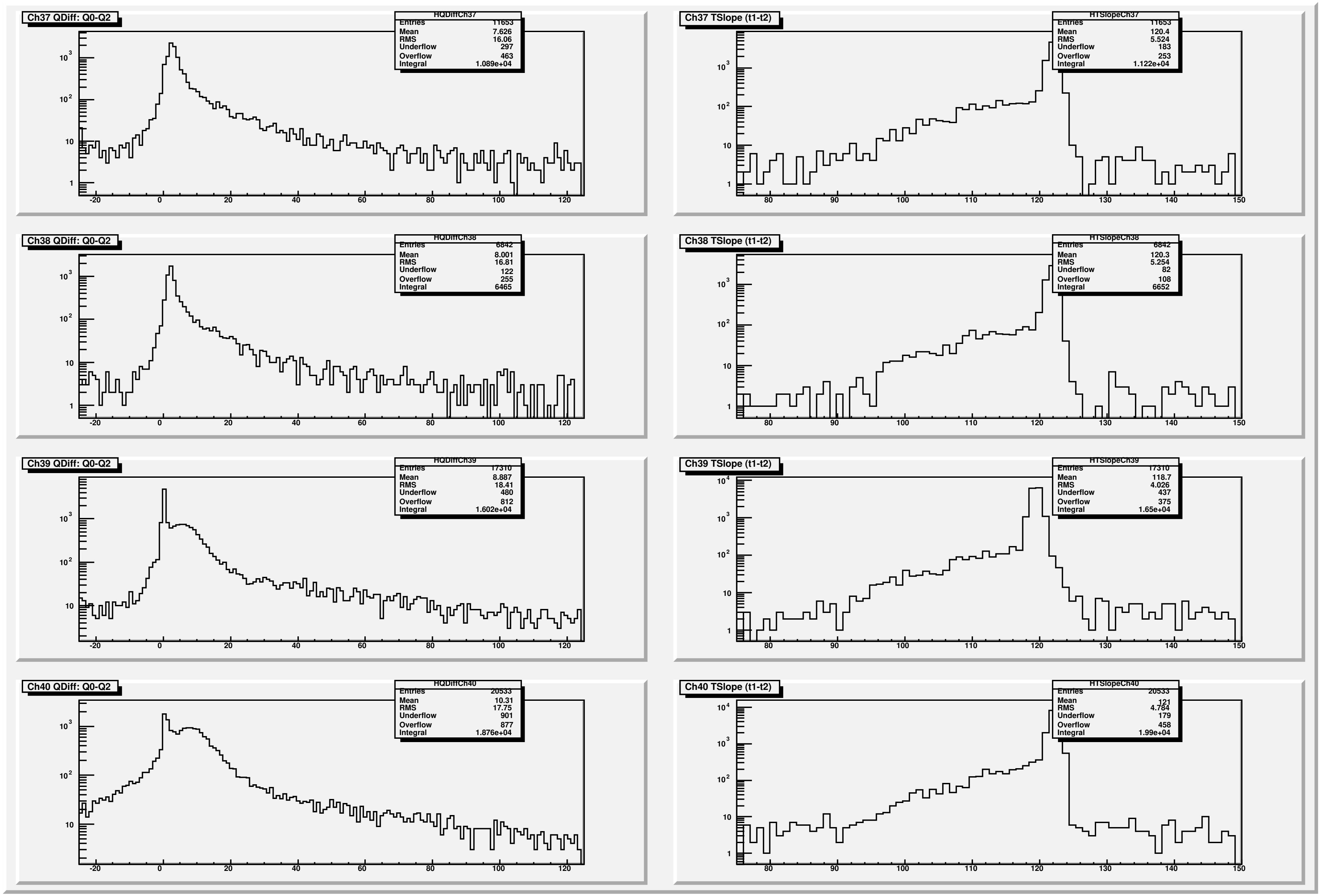

Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 3916
Mean 4.095
RMS 10.9
Underflow 3
Overflow 14
Integral 3899
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 3916
Mean 120.5
RMS 5.307
Underflow 14
Overflow 80
Integral 3822
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 21149
Mean 13
RMS 23.46
Underflow 81
Overflow 7
Integral 2.106e+04
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 21149
Mean 120.1
RMS 5.178
Underflow 78
Overflow 403
Integral 2.067e+04
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 8477
Mean 8.889
RMS 17.68
Underflow 183
Overflow 347
Integral 7947
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 8477
Mean 120
RMS 5.499
Underflow 97
Overflow 164
Integral 8216
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 22927
Mean 11.4
RMS 22.65
Underflow 506
Overflow 2
Integral 2.242e+04
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 22927
Mean 121.3
RMS 4.963
Underflow 144
Overflow 483
Integral 2.23e+04



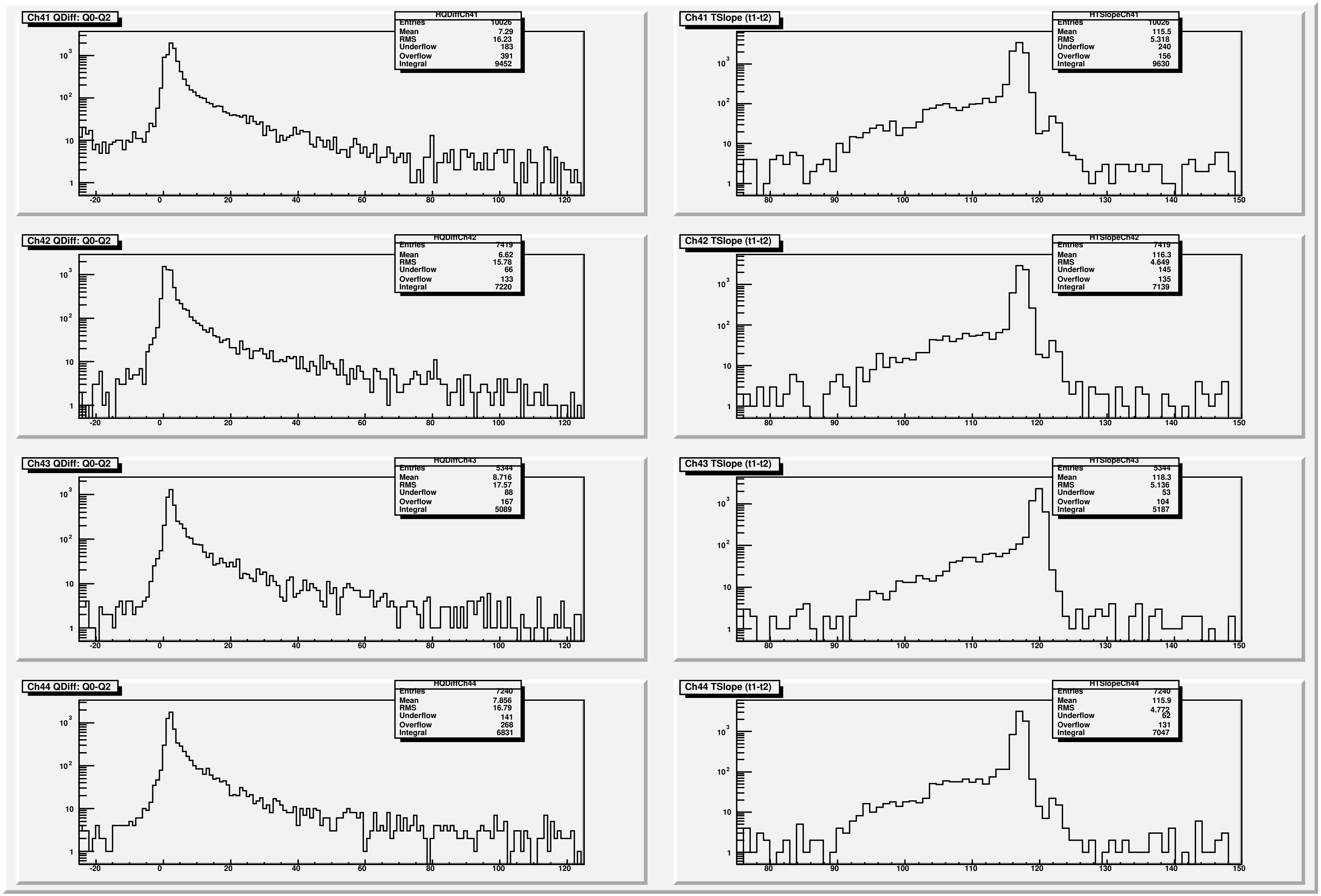
Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 11788
Mean 6.615
RMS 14.93
Underflow 199
Overflow 358
Integral 1.123e+04
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 11788
Mean 120.6
RMS 5.344
Underflow 124
Overflow 217
Integral 1.145e+04
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 21683
Mean 10.12
RMS 21.74
Underflow 369
Overflow 0
Integral 2.131e+04
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 21683
Mean 120.5
RMS 4.861
Underflow 80
Overflow 433
Integral 2.117e+04
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 12044
Mean 9.12
RMS 17.05
Underflow 365
Overflow 576
Integral 1.11e+04
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 12044
Mean 120.5
RMS 5.13
Underflow 201
Overflow 245
Integral 1.16e+04
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 10259
Mean 15.27
RMS 26.41
Underflow 39
Overflow 0
Integral 1.022e+04
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 10259
Mean 121.1
RMS 4.604
Underflow 42
Overflow 215
Integral 1e+04



Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 8275
Mean 8.255
RMS 17.56
Underflow 118
Overflow 240
Integral 7917
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 8275
Mean 121
RMS 5.616
Underflow 74
Overflow 169
Integral 8032
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 10980
Mean 6.002
RMS 15.2
Underflow 100
Overflow 200
Integral 1.068e+04
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 10980
Mean 120.2
RMS 6.466
Underflow 96
Overflow 253
Integral 1.063e+04
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 5755
Mean 9.643
RMS 18.25
Underflow 53
Overflow 113
Integral 5589
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 5755
Mean 119.7
RMS 5.318
Underflow 48
Overflow 117
Integral 5590
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 7270
Mean 9.271
RMS 18.54
Underflow 139
Overflow 257
Integral 6874
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 7270
Mean 120.2
RMS 5.313
Underflow 84
Overflow 138
Integral 7048



Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 11653
Mean 7.626
RMS 16.06
Underflow 297
Overflow 463
Integral 1.089e+04
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 11653
Mean 120.4
RMS 5.524
Underflow 183
Overflow 253
Integral 1.122e+04
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 6842
Mean 8.001
RMS 16.81
Underflow 122
Overflow 255
Integral 6465
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 6842
Mean 120.3
RMS 5.254
Underflow 82
Overflow 108
Integral 6652
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 17310
Mean 8.887
RMS 18.41
Underflow 480
Overflow 812
Integral 1.602e+04
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 17310
Mean 118.7
RMS 4.026
Underflow 437
Overflow 375
Integral 1.65e+04
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 20533
Mean 10.31
RMS 17.75
Underflow 901
Overflow 877
Integral 1.876e+04
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 20533
Mean 121
RMS 4.784
Underflow 179
Overflow 458
Integral 1.99e+04


Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 10026
Mean 7.29
RMS 16.23
Underflow 183
Overflow 391
Integral 9452
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 10026
Mean 115.5
RMS 5.318
Underflow 240
Overflow 156
Integral 9630
Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 7419
Mean 6.62
RMS 15.78
Underflow 66
Overflow 133
Integral 7220
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 7419
Mean 116.3
RMS 4.649
Underflow 145
Overflow 135
Integral 7139
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 5344
Mean 8.716
RMS 17.57
Underflow 88
Overflow 167
Integral 5089
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 5344
Mean 118.3
RMS 5.136
Underflow 53
Overflow 104
Integral 5187
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 7240
Mean 7.856
RMS 16.79
Underflow 141
Overflow 268
Integral 6831
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 7240
Mean 115.9
RMS 4.772
Underflow 62
Overflow 131
Integral 7047