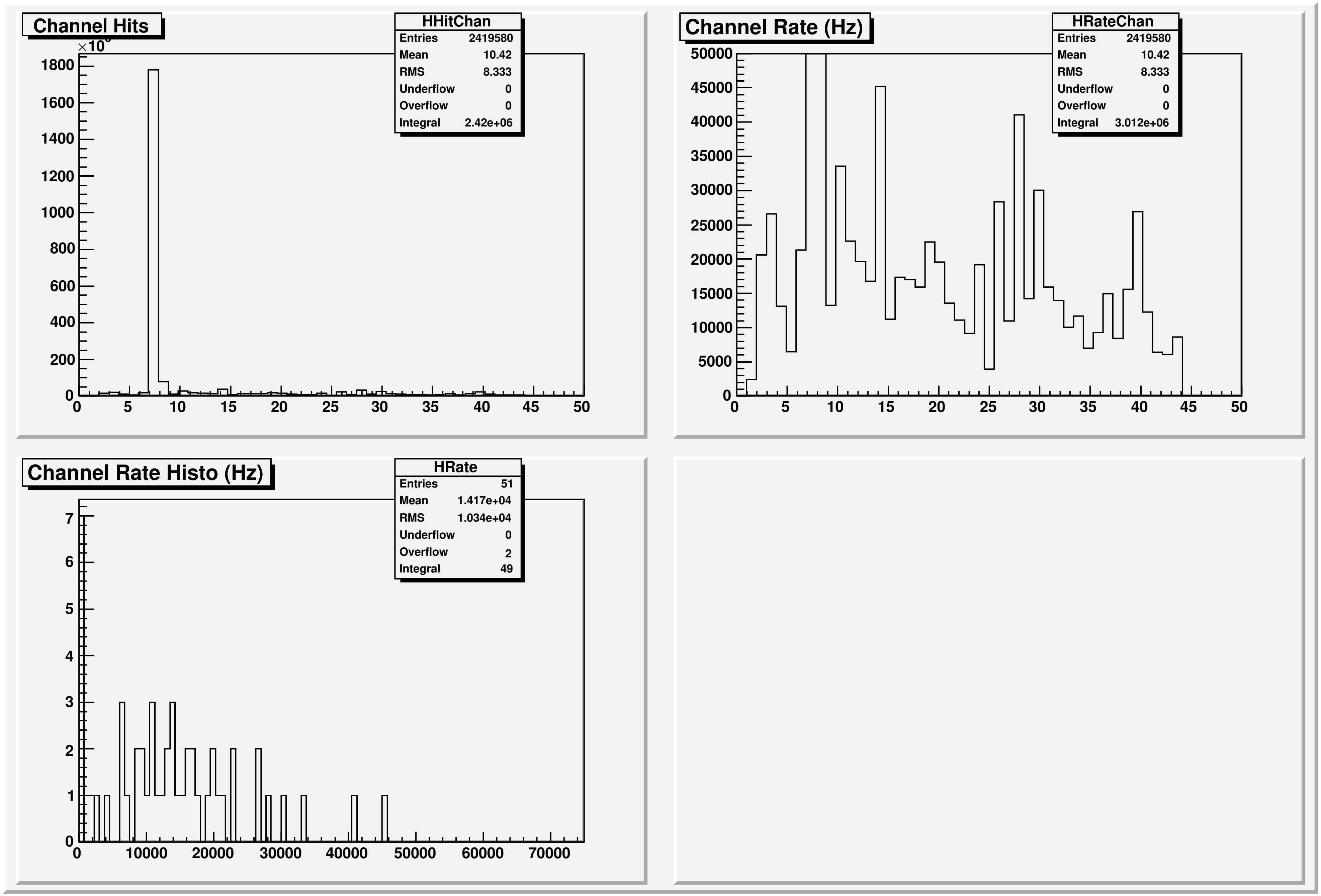
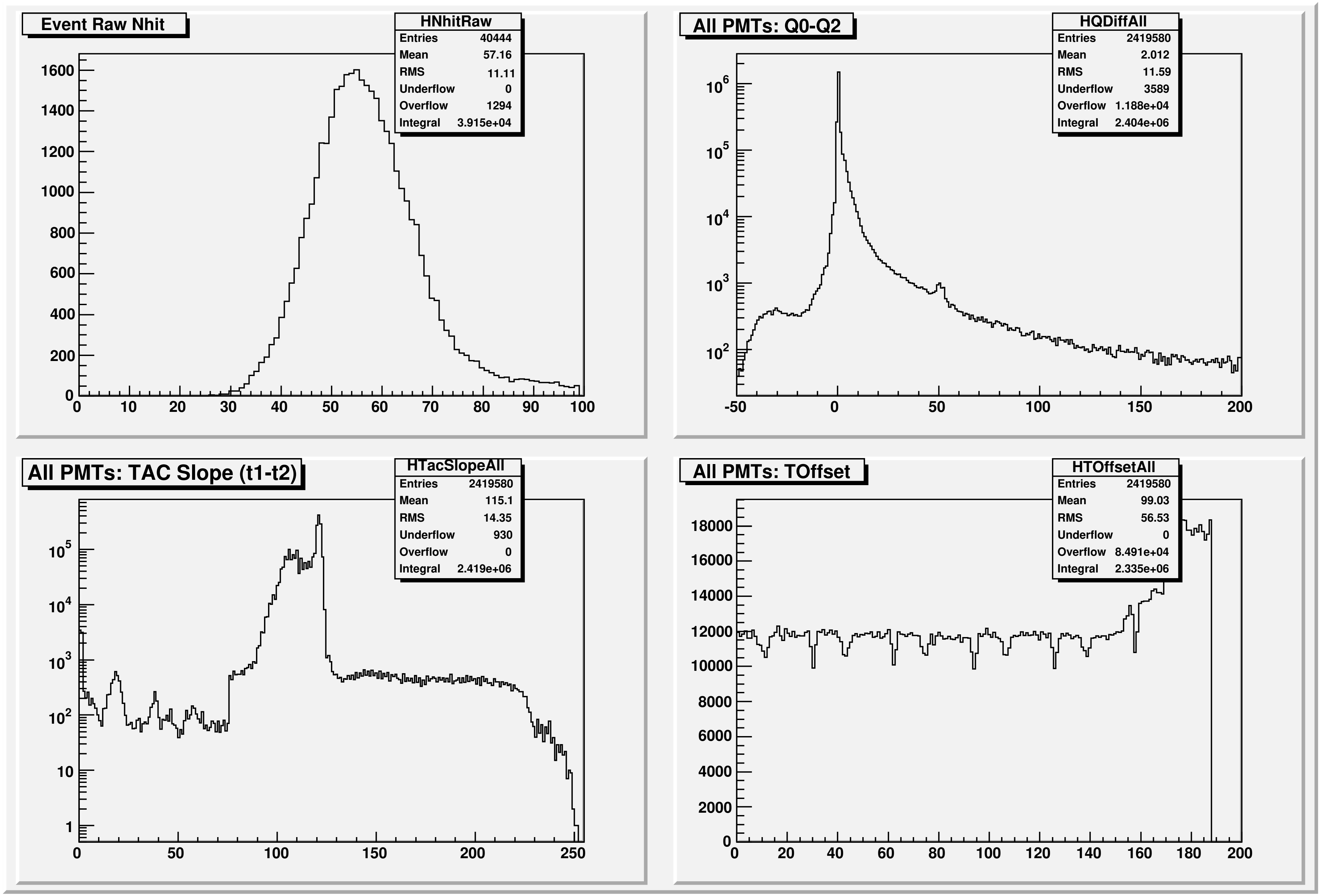
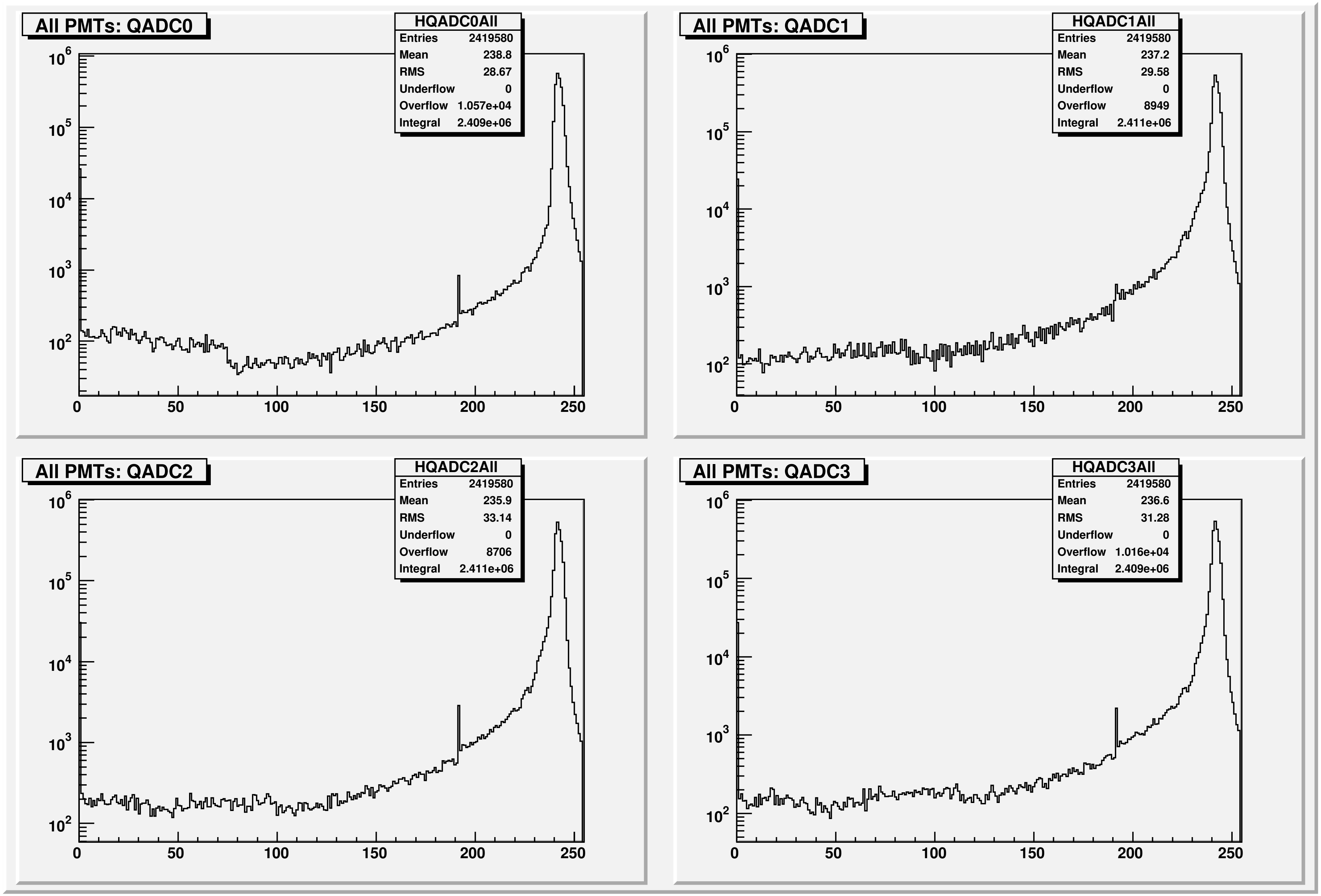
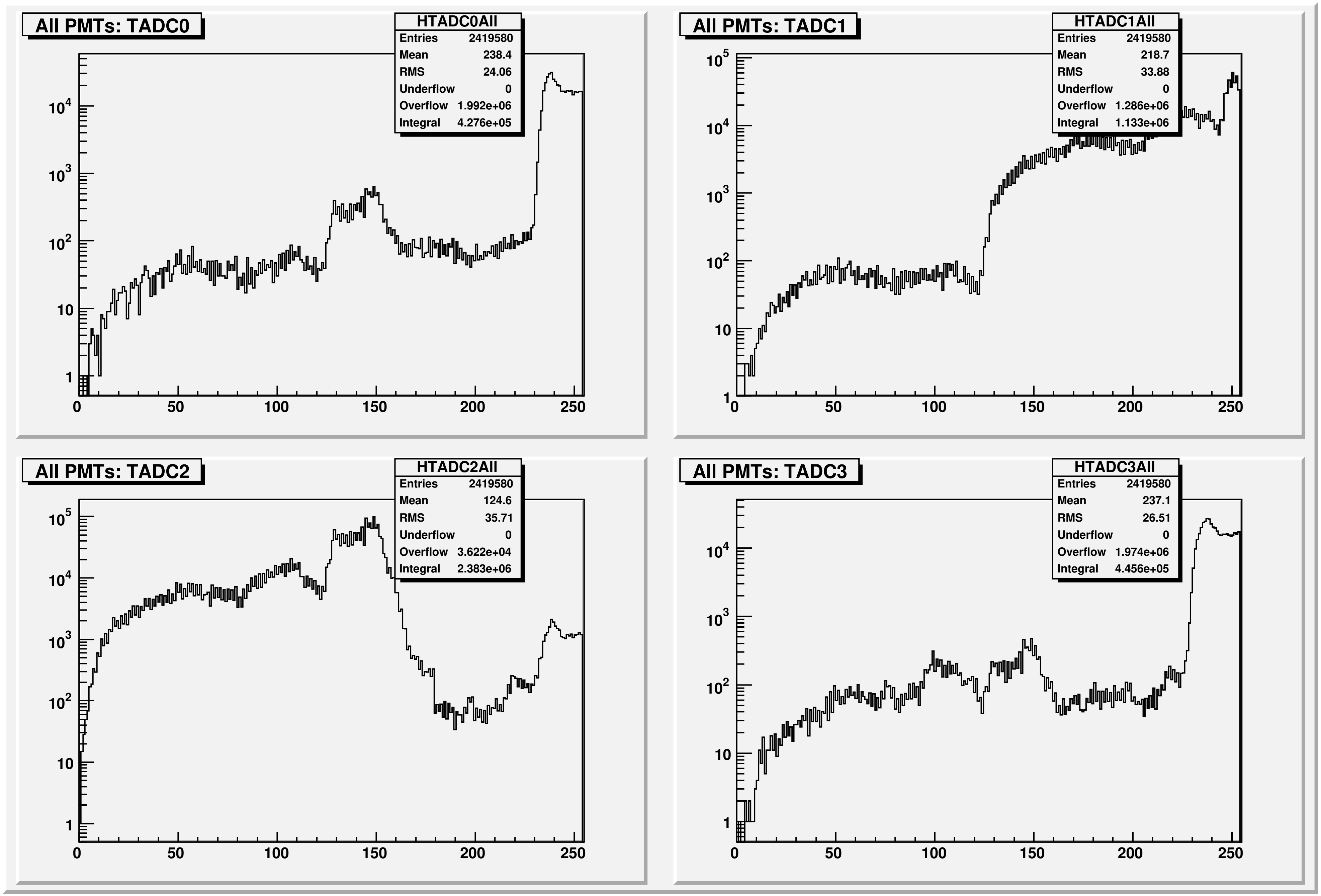
RUN: VlandUnCal Run11607

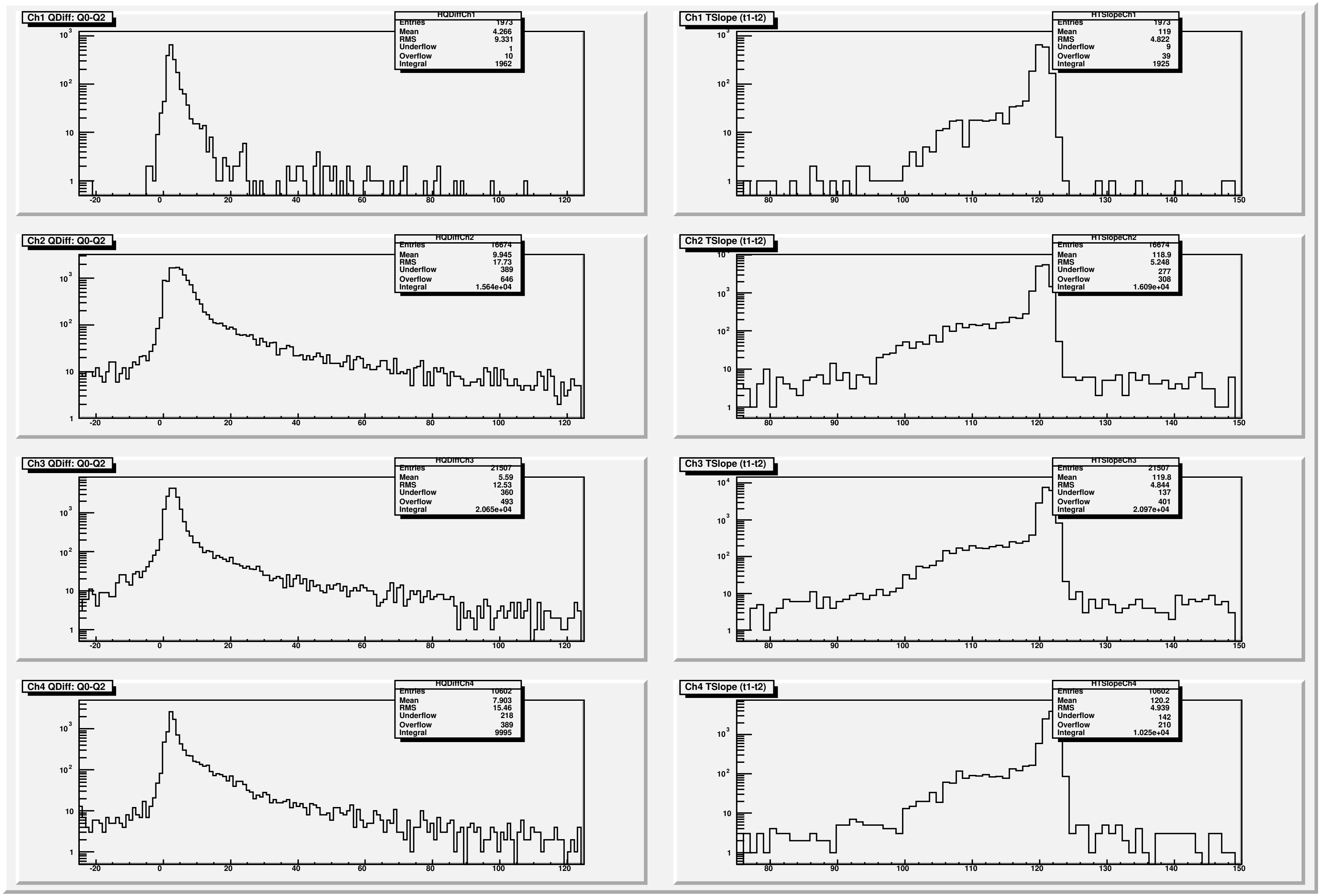

Channel Hits
HHitChan
Entries 2419580
Mean 10.42
RMS 8.333
Underflow 0
Overflow 0
Integral 2.42e+06
×10
1800
1600
1400
1200
1000
800
600
400
200
0
0 5 10 15 20 25 30 35 40 45 50
Channel Rate (Hz)
HRateChan
Entries 2419580
Mean 10.42
RMS 8.333
Underflow 0
Overflow 0
Integral 3.012e+06
50000
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
0 5 10 15 20 25 30 35 40 45 50
Channel Rate Histo (Hz)
HRate
Entries 51
Mean 1.417e+04
RMS 1.034e+04
Underflow 0
Overflow 2
Integral 49
7
6
5
4
3
2
1
0
0 10000 20000 30000 40000 50000 60000 70000


Event Raw Nhit
HNhitRaw
Entries 40444
Mean 57.16
RMS 11.11
Underflow 0
Overflow 1294
Integral 3.915e+04
All PMTs: Q0-Q2
HQDiffAll
Entries 2419580
Mean 2.012
RMS 11.59
Underflow 3589
Overflow 1.188e+04
Integral 2.404e+06
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 2419580
Mean 115.1
RMS 14.35
Underflow 930
Overflow 0
Integral 2.419e+06
All PMTs: TOffset
HTOffsetAll
Entries 2419580
Mean 99.03
RMS 56.53
Underflow 0
Overflow 8.491e+04
Integral 2.335e+06

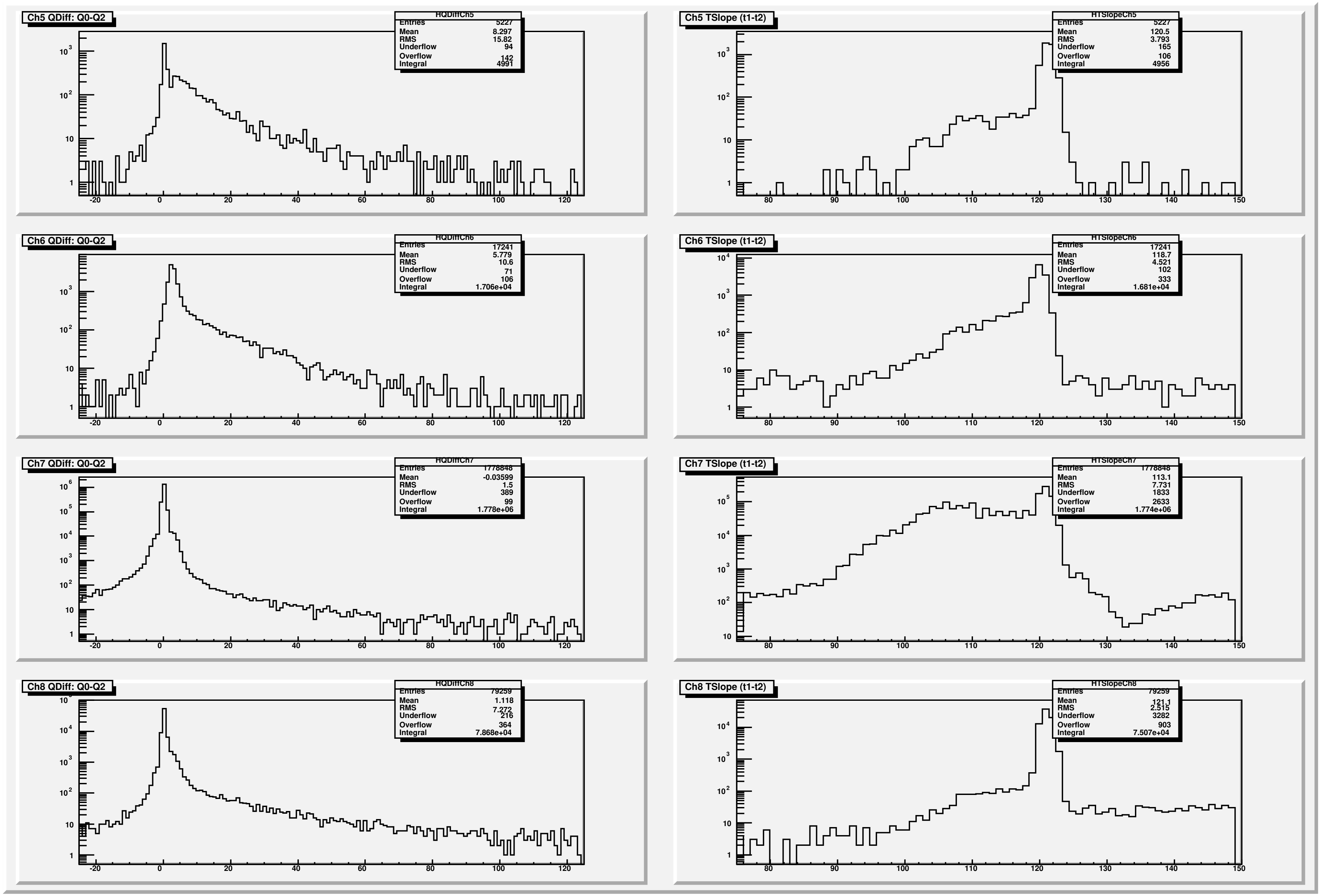


All PMTs: QADC0
HQADC0All
Entries 2419580
Mean 238.8
RMS 28.67
Underflow 0
Overflow 1.057e+04
Integral 2.409e+06
All PMTs: QADC1
HQADC1All
Entries 2419580
Mean 237.2
RMS 29.58
Underflow 0
Overflow 8949
Integral 2.411e+06
All PMTs: QADC2
HQADC2All
Entries 2419580
Mean 235.9
RMS 33.14
Underflow 0
Overflow 8706
Integral 2.411e+06
All PMTs: QADC3
HQADC3All
Entries 2419580
Mean 236.6
RMS 31.28
Underflow 0
Overflow 1.016e+04
Integral 2.409e+06

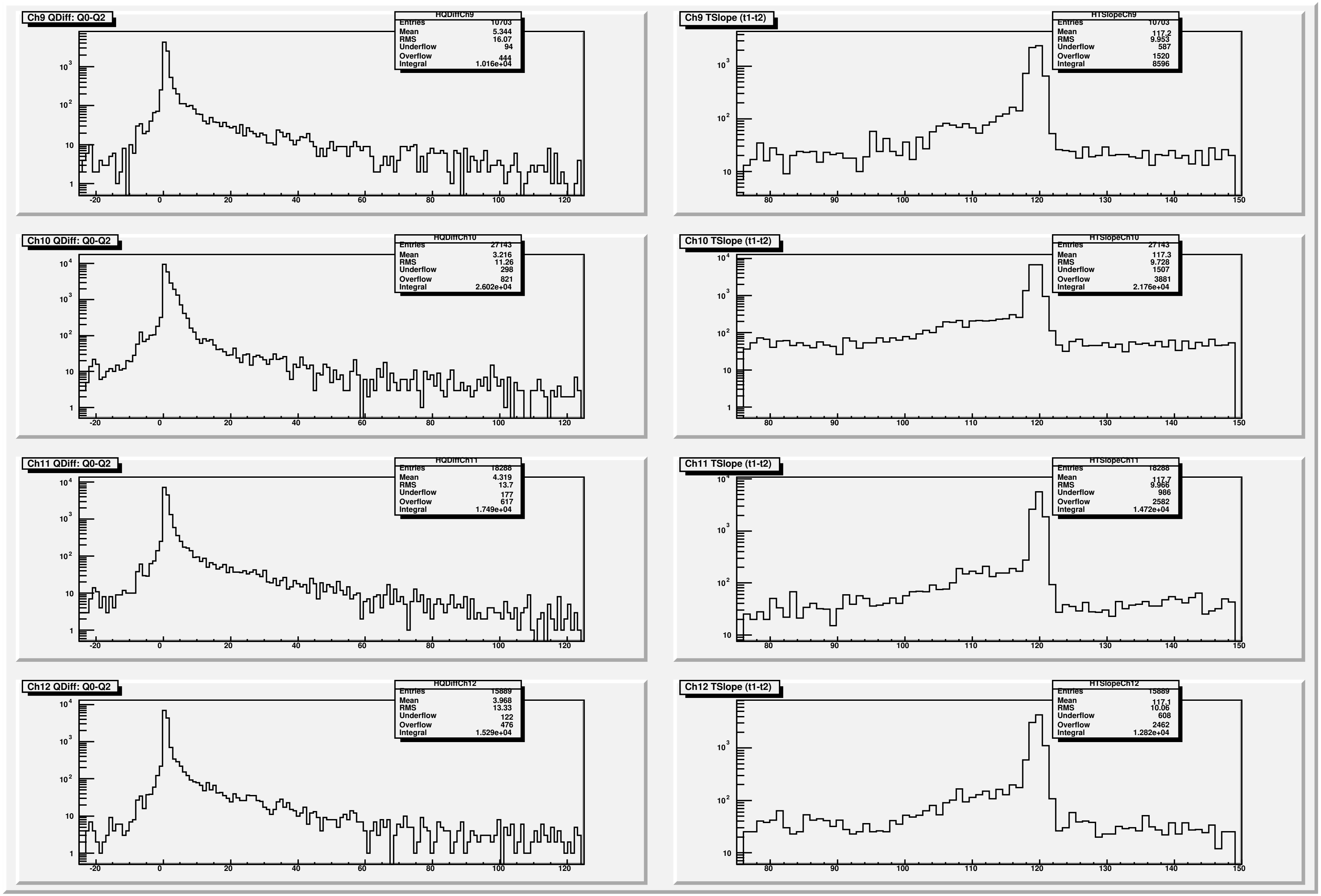

All PMTs: TADC0
HTADC0All
Entries 2419580
Mean 238.4
RMS 24.06
Underflow 0
Overflow 1.992e+06
Integral 4.276e+05
All PMTs: TADC1
HTADC1All
Entries 2419580
Mean 218.7
RMS 33.88
Underflow 0
Overflow 1.286e+06
Integral 1.133e+06
All PMTs: TADC2
HTADC2All
Entries 2419580
Mean 124.6
RMS 35.71
Underflow 0
Overflow 3.622e+04
Integral 2.383e+06
All PMTs: TADC3
HTADC3All
Entries 2419580
Mean 237.1
RMS 26.51
Underflow 0
Overflow 1.974e+06
Integral 4.456e+05

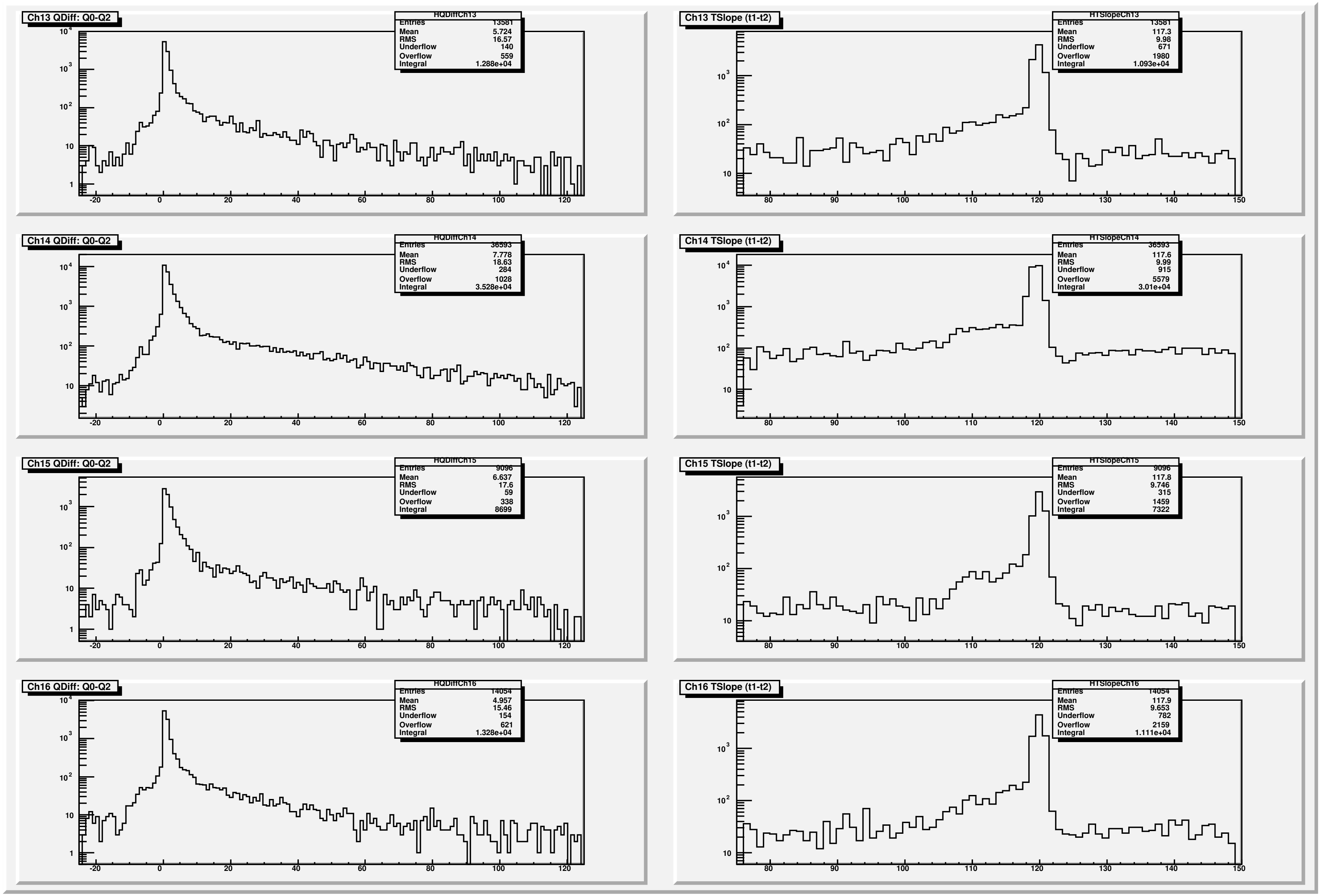


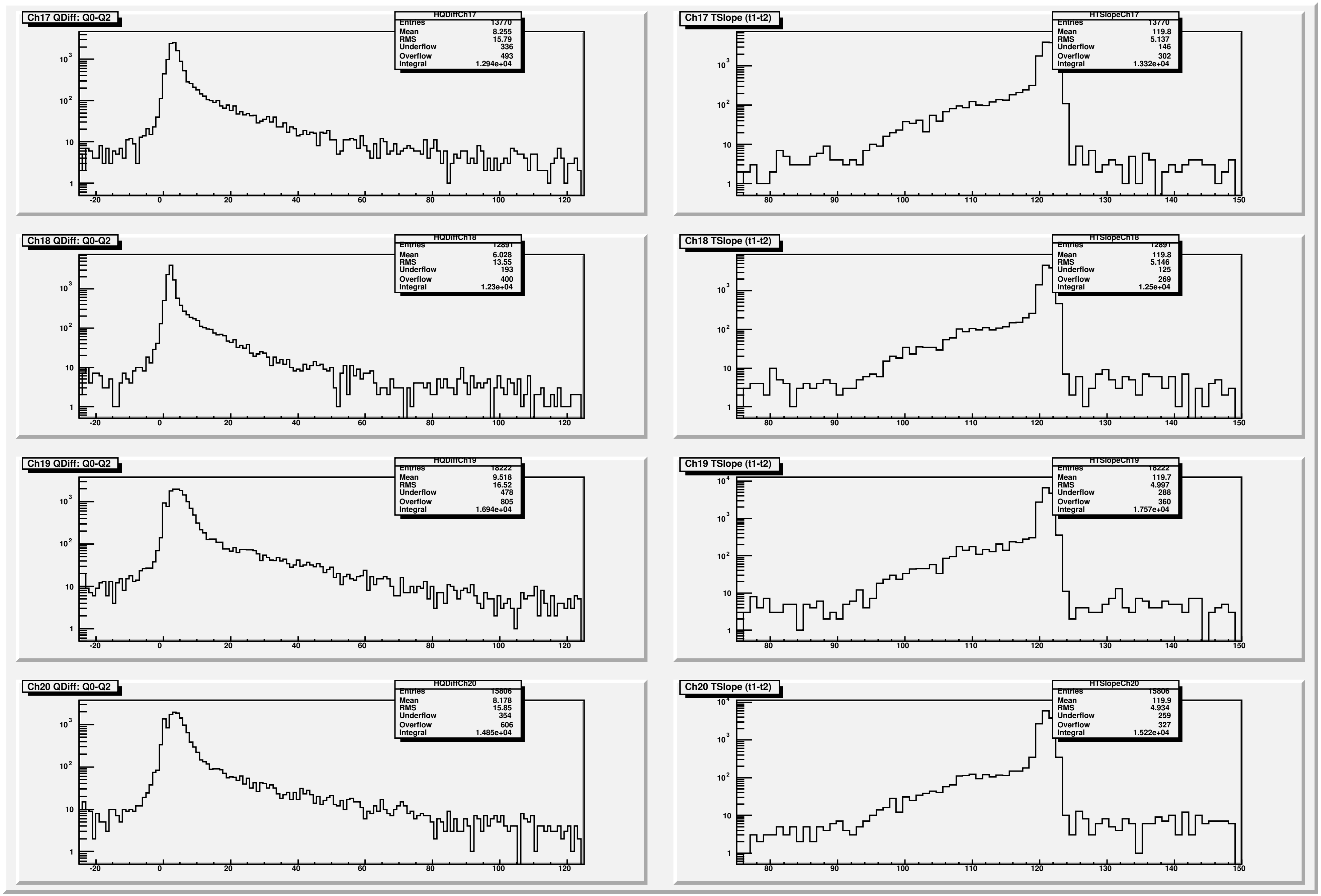
Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 1973
Mean 4.266
RMS 9.331
Underflow 1
Overflow 10
Integral 1962
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 1973
Mean 119
RMS 4.822
Underflow 9
Overflow 39
Integral 1925
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 16674
Mean 9.945
RMS 17.73
Underflow 389
Overflow 646
Integral 1.564e+04
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 16674
Mean 118.9
RMS 5.248
Underflow 277
Overflow 308
Integral 1.609e+04
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 21507
Mean 5.59
RMS 12.53
Underflow 360
Overflow 493
Integral 2.065e+04
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 21507
Mean 119.8
RMS 4.844
Underflow 137
Overflow 401
Integral 2.097e+04
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 10602
Mean 7.903
RMS 15.46
Underflow 218
Overflow 389
Integral 9995
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 10602
Mean 120.2
RMS 4.939
Underflow 142
Overflow 210
Integral 1.025e+04

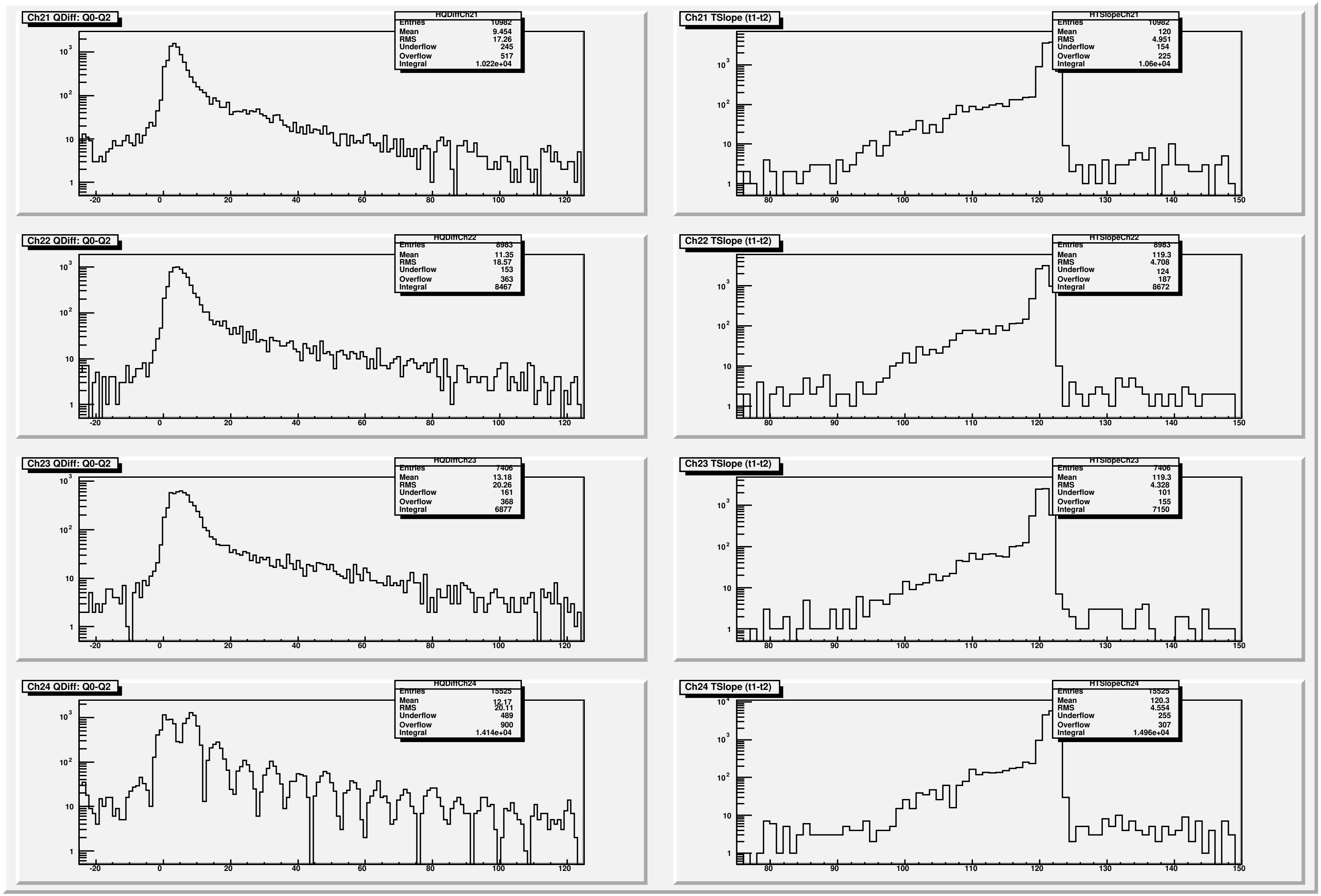


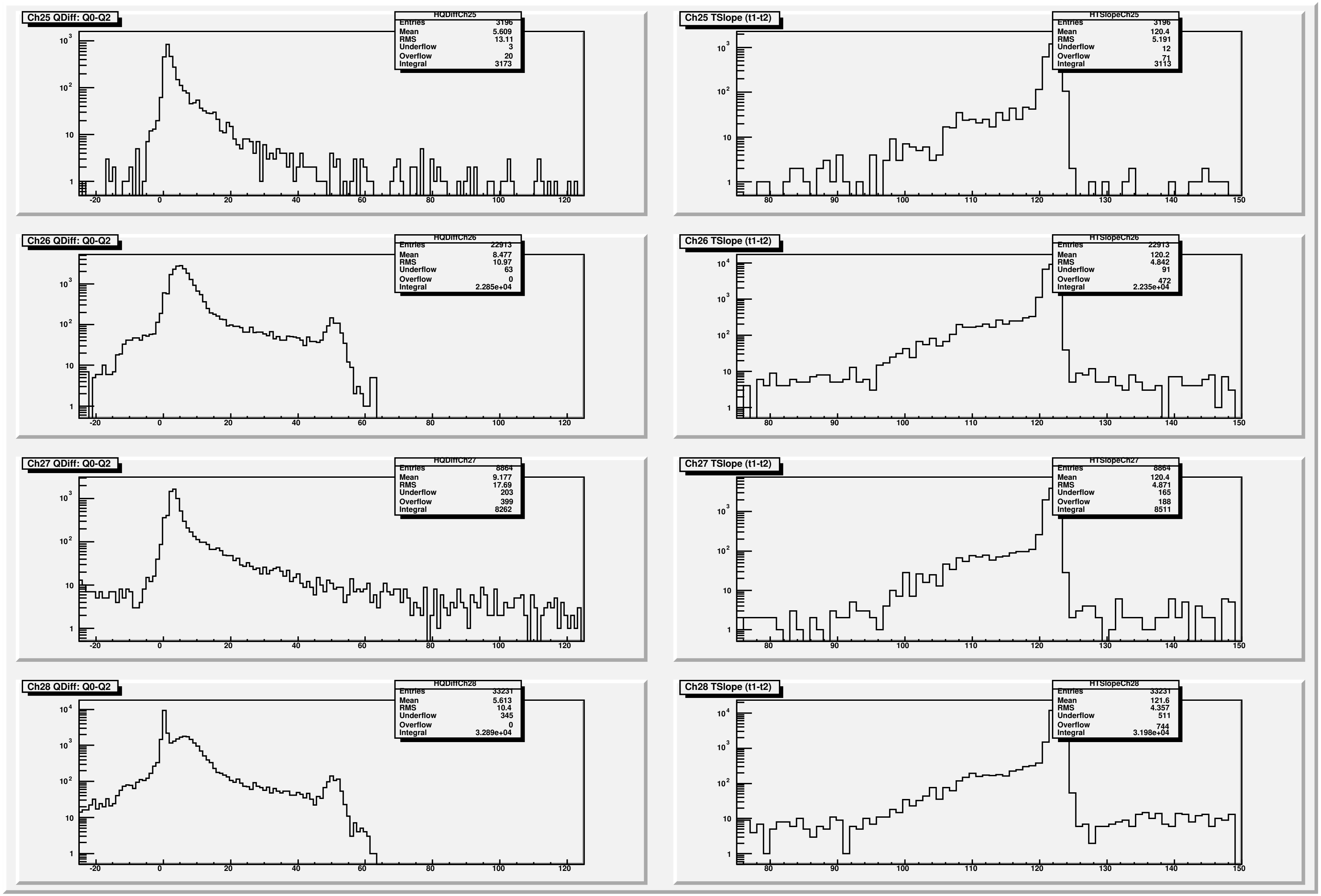
Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 5227
Mean 8.297
RMS 15.82
Underflow 94
Overflow 142
Integral 4991
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 5227
Mean 120.5
RMS 3.793
Underflow 165
Overflow 106
Integral 4956
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 17241
Mean 5.779
RMS 10.6
Underflow 71
Overflow 106
Integral 1.706e+04
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 17241
Mean 118.7
RMS 4.521
Underflow 102
Overflow 333
Integral 1.681e+04
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 1778848
Mean -0.03599
RMS 1.5
Underflow 389
Overflow 99
Integral 1.778e+06
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 1778848
Mean 113.1
RMS 7.731
Underflow 1833
Overflow 2633
Integral 1.774e+06
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 79259
Mean 1.118
RMS 7.272
Underflow 216
Overflow 364
Integral 7.868e+04
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 79259
Mean 121.1
RMS 2.515
Underflow 3282
Overflow 903
Integral 7.507e+04

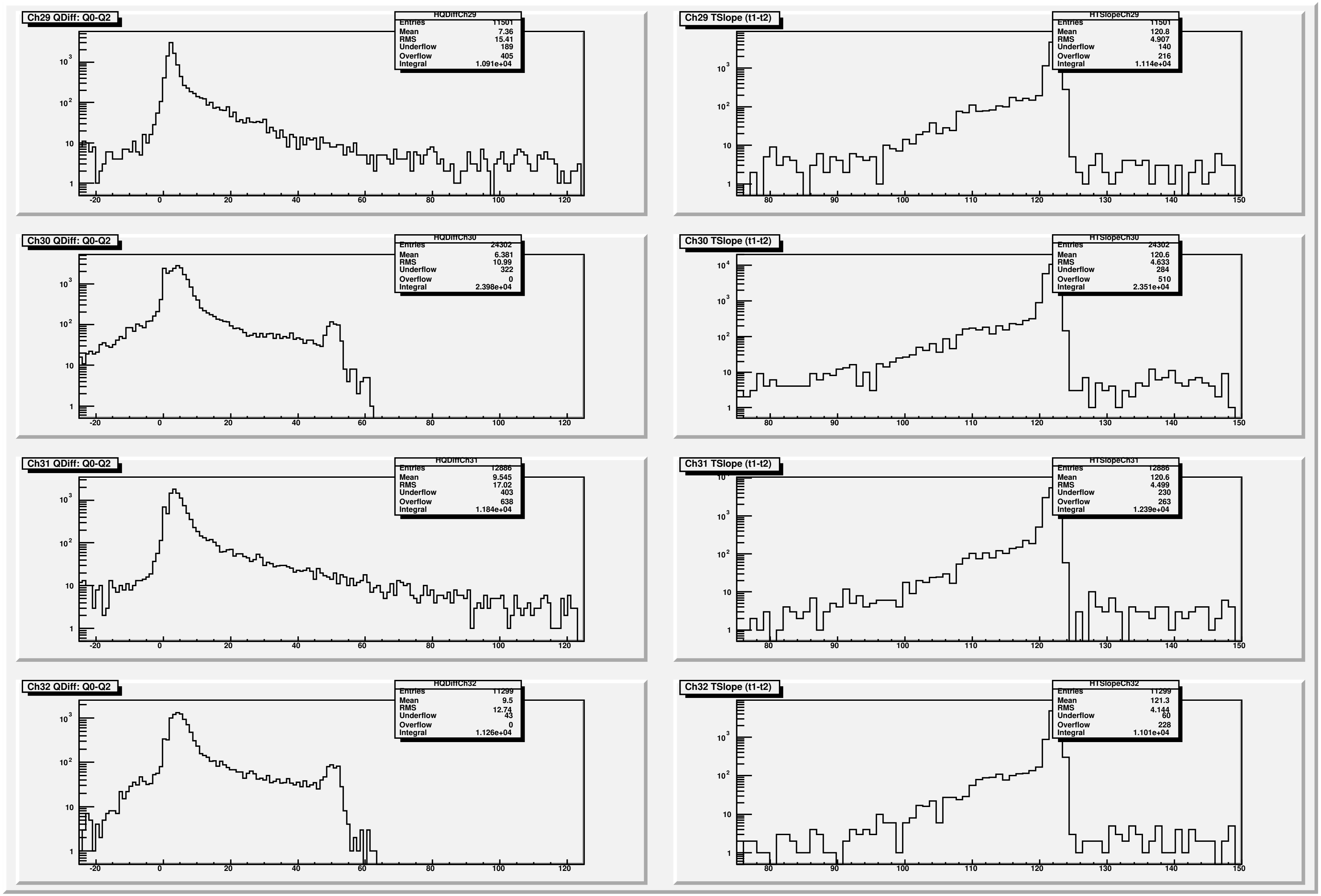

Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 10703
Mean 5.344
RMS 16.07
Underflow 94
Overflow 444
Integral 1.016e+04
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 10703
Mean 117.2
RMS 9.953
Underflow 587
Overflow 1520
Integral 8596
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 27143
Mean 3.216
RMS 11.26
Underflow 298
Overflow 821
Integral 2.602e+04
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 27143
Mean 117.3
RMS 9.728
Underflow 1507
Overflow 3881
Integral 2.176e+04
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 18288
Mean 4.319
RMS 13.7
Underflow 177
Overflow 617
Integral 1.749e+04
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 18288
Mean 117.7
RMS 9.966
Underflow 986
Overflow 2582
Integral 1.472e+04
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 15889
Mean 3.968
RMS 13.33
Underflow 122
Overflow 476
Integral 1.529e+04
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 15889
Mean 117.1
RMS 10.06
Underflow 608
Overflow 2462
Integral 1.282e+04

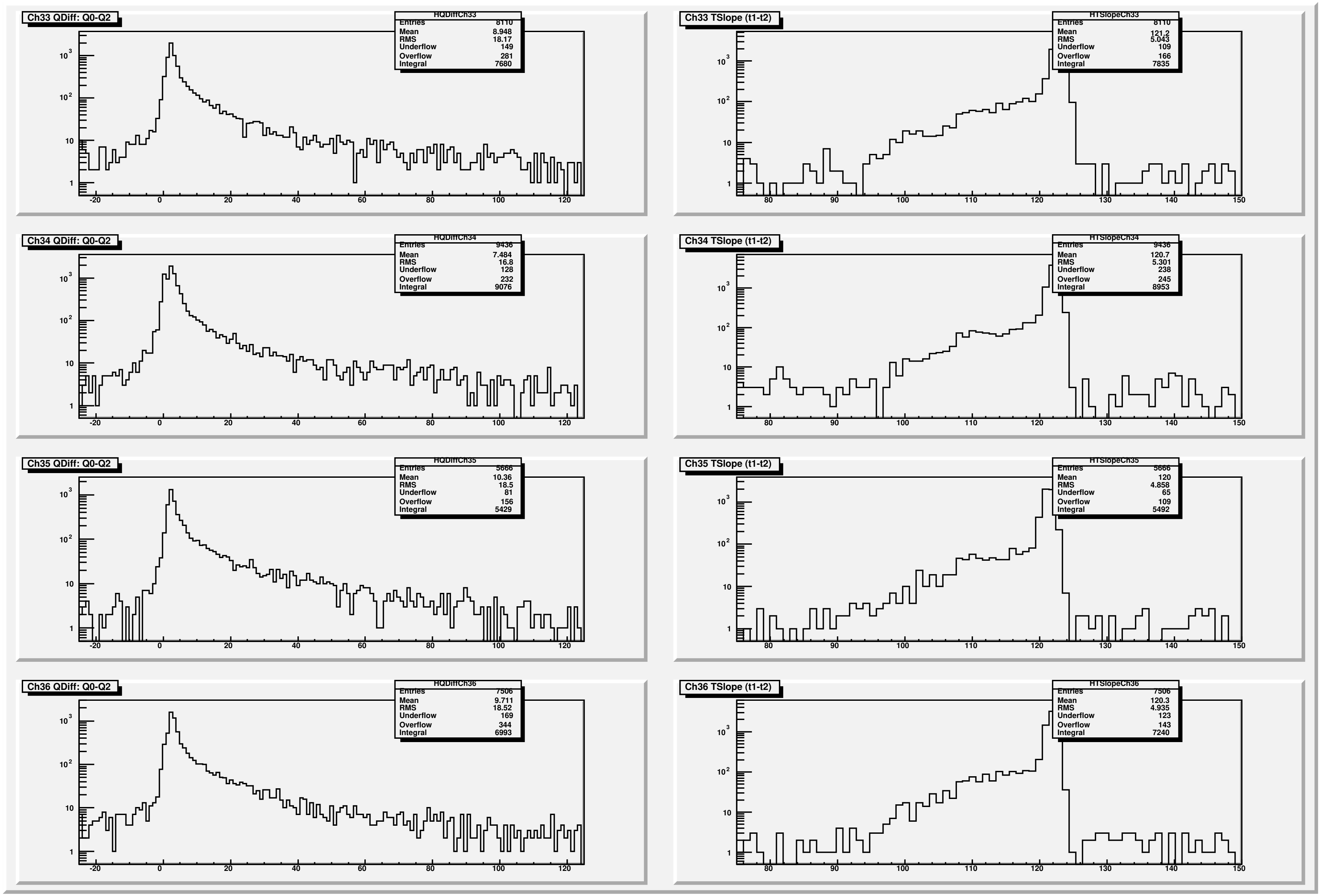

Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 13581
Mean 5.724
RMS 16.57
Underflow 140
Overflow 559
Integral 1.288e+04
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 13581
Mean 117.3
RMS 9.98
Underflow 671
Overflow 1980
Integral 1.093e+04
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 36593
Mean 7.778
RMS 18.63
Underflow 284
Overflow 1028
Integral 3.528e+04
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 36593
Mean 117.6
RMS 9.99
Underflow 915
Overflow 5579
Integral 3.01e+04
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 9096
Mean 6.637
RMS 17.6
Underflow 59
Overflow 338
Integral 8699
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 9096
Mean 117.8
RMS 9.746
Underflow 315
Overflow 1459
Integral 7322
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 14054
Mean 4.957
RMS 15.46
Underflow 154
Overflow 621
Integral 1.328e+04
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 14054
Mean 117.9
RMS 9.653
Underflow 782
Overflow 2159
Integral 1.111e+04


Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 13770
Mean 8.255
RMS 15.79
Underflow 336
Overflow 493
Integral 1.294e+04
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 13770
Mean 119.8
RMS 5.137
Underflow 146
Overflow 302
Integral 1.332e+04
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 12891
Mean 6.028
RMS 13.55
Underflow 193
Overflow 400
Integral 1.23e+04
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 12891
Mean 119.8
RMS 5.146
Underflow 125
Overflow 269
Integral 1.25e+04
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 18222
Mean 9.518
RMS 16.52
Underflow 478
Overflow 805
Integral 1.694e+04
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 18222
Mean 119.7
RMS 4.997
Underflow 288
Overflow 360
Integral 1.757e+04
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 15806
Mean 8.178
RMS 15.85
Underflow 354
Overflow 606
Integral 1.485e+04
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 15806
Mean 119.9
RMS 4.934
Underflow 259
Overflow 327
Integral 1.522e+04

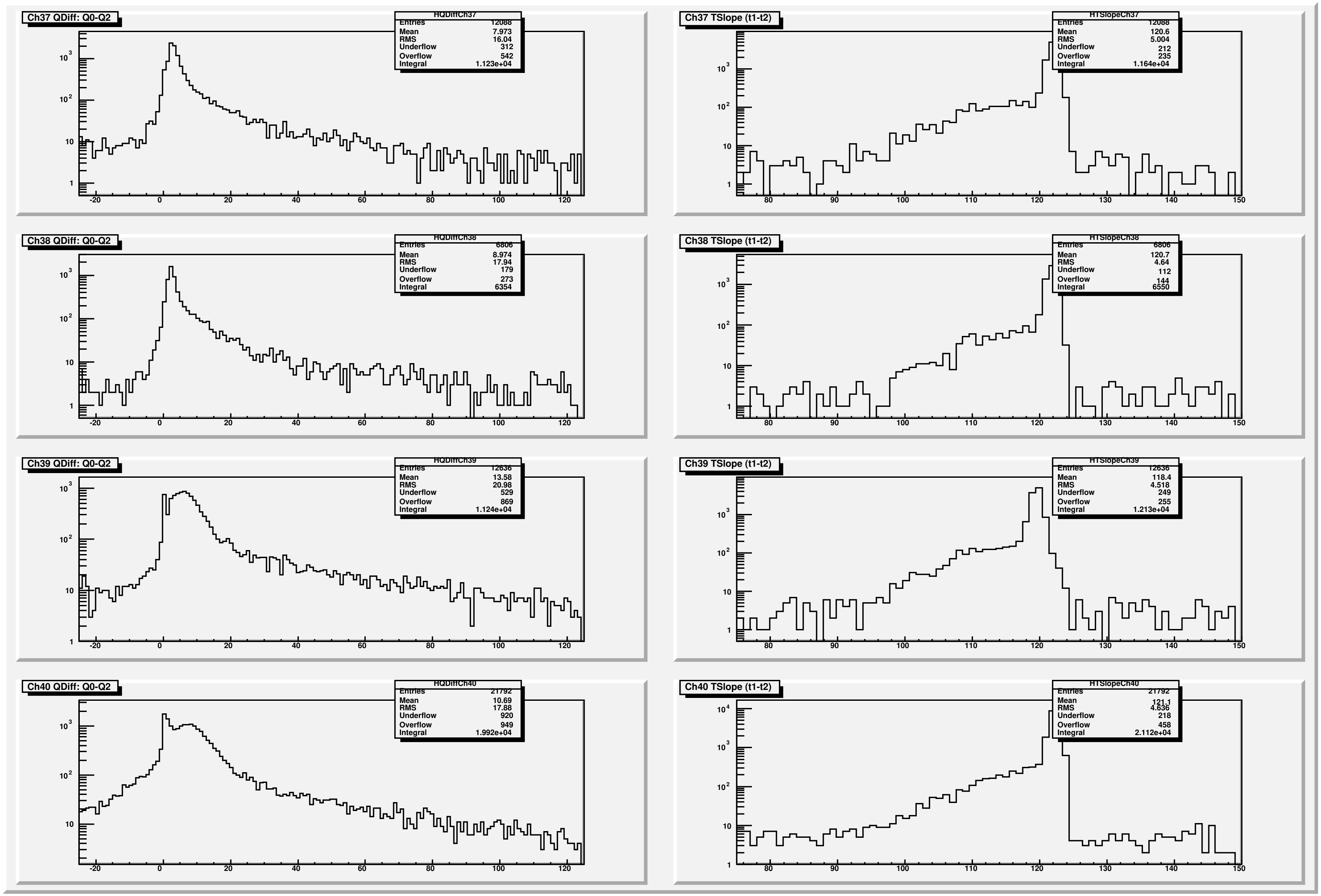

Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 10982
Mean 9.454
RMS 17.26
Underflow 245
Overflow 517
Integral 1.022e+04
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 10982
Mean 120
RMS 4.951
Underflow 154
Overflow 225
Integral 1.06e+04
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 8983
Mean 11.35
RMS 18.57
Underflow 153
Overflow 363
Integral 8467
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 8983
Mean 119.3
RMS 4.708
Underflow 124
Overflow 187
Integral 8672
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 7406
Mean 13.18
RMS 20.26
Underflow 161
Overflow 368
Integral 6877
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 7406
Mean 119.3
RMS 4.328
Underflow 101
Overflow 155
Integral 7150
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 15525
Mean 12.17
RMS 20.11
Underflow 489
Overflow 900
Integral 1.414e+04
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 15525
Mean 120.3
RMS 4.554
Underflow 255
Overflow 307
Integral 1.496e+04


Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 3196
Mean 5.609
RMS 13.11
Underflow 3
Overflow 20
Integral 3173
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 3196
Mean 120.4
RMS 5.191
Underflow 12
Overflow 71
Integral 3113
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 22913
Mean 8.477
RMS 10.97
Underflow 63
Overflow 0
Integral 2.285e+04
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 22913
Mean 120.2
RMS 4.842
Underflow 91
Overflow 472
Integral 2.235e+04
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 8864
Mean 9.177
RMS 17.69
Underflow 203
Overflow 399
Integral 8262
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 8864
Mean 120.4
RMS 4.871
Underflow 165
Overflow 188
Integral 8511
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 33231
Mean 5.613
RMS 10.4
Underflow 345
Overflow 0
Integral 3.289e+04
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 33231
Mean 121.6
RMS 4.357
Underflow 511
Overflow 744
Integral 3.198e+04

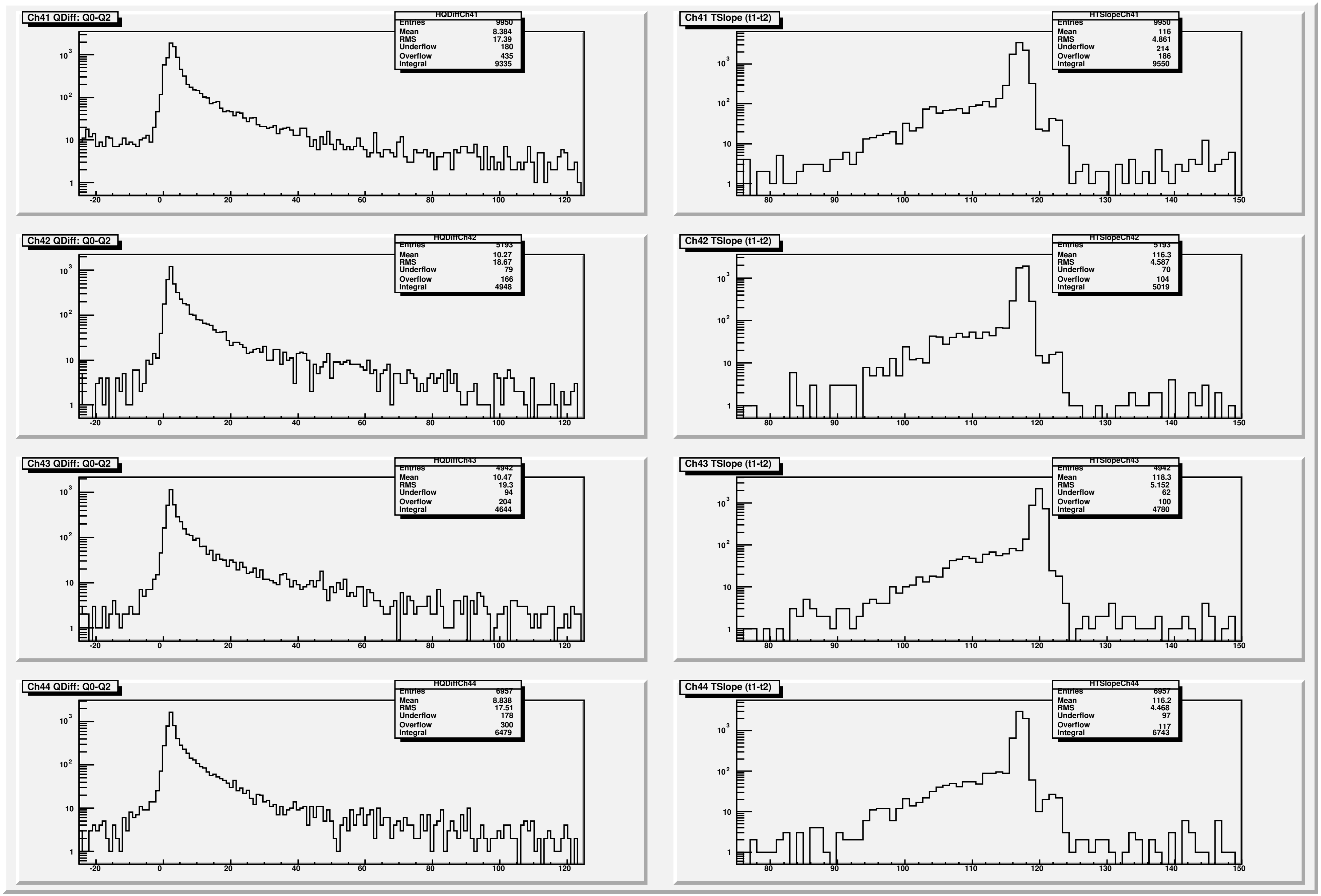

Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 11501
Mean 7.36
RMS 15.41
Underflow 189
Overflow 405
Integral 1.091e+04
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 11501
Mean 120.8
RMS 4.907
Underflow 140
Overflow 216
Integral 1.114e+04
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 24302
Mean 6.381
RMS 10.99
Underflow 322
Overflow 0
Integral 2.398e+04
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 24302
Mean 120.6
RMS 4.633
Underflow 284
Overflow 510
Integral 2.351e+04
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 12886
Mean 9.545
RMS 17.02
Underflow 403
Overflow 638
Integral 1.184e+04
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 12886
Mean 120.6
RMS 4.499
Underflow 230
Overflow 263
Integral 1.239e+04
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 11299
Mean 9.5
RMS 12.74
Underflow 43
Overflow 0
Integral 1.126e+04
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 11299
Mean 121.3
RMS 4.144
Underflow 60
Overflow 228
Integral 1.101e+04



Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 8110
Mean 8.948
RMS 18.17
Underflow 149
Overflow 281
Integral 7680
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 8110
Mean 121.2
RMS 5.043
Underflow 109
Overflow 166
Integral 7835
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 9436
Mean 7.484
RMS 16.8
Underflow 128
Overflow 232
Integral 9076
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 9436
Mean 120.7
RMS 5.301
Underflow 238
Overflow 245
Integral 8953
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 5666
Mean 10.36
RMS 18.5
Underflow 81
Overflow 156
Integral 5429
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 5666
Mean 120
RMS 4.858
Underflow 65
Overflow 109
Integral 5492
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 7506
Mean 9.711
RMS 18.52
Underflow 169
Overflow 344
Integral 6993
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 7506
Mean 120.3
RMS 4.935
Underflow 123
Overflow 143
Integral 7240



Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 12088
Mean 7.973
RMS 16.04
Underflow 312
Overflow 542
Integral 1.123e+04
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 12088
Mean 120.6
RMS 5.004
Underflow 212
Overflow 235
Integral 1.164e+04
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 6806
Mean 8.974
RMS 17.94
Underflow 179
Overflow 273
Integral 6354
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 6806
Mean 120.7
RMS 4.64
Underflow 112
Overflow 144
Integral 6550
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 12636
Mean 13.58
RMS 20.98
Underflow 529
Overflow 869
Integral 1.124e+04
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 12636
Mean 118.4
RMS 4.518
Underflow 249
Overflow 255
Integral 1.213e+04
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 21792
Mean 10.69
RMS 17.88
Underflow 920
Overflow 949
Integral 1.992e+04
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 21792
Mean 121.1
RMS 4.636
Underflow 218
Overflow 458
Integral 2.112e+04


Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 9950
Mean 8.384
RMS 17.39
Underflow 180
Overflow 435
Integral 9335
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 9950
Mean 116
RMS 4.861
Underflow 214
Overflow 186
Integral 9550
Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 5193
Mean 10.27
RMS 18.67
Underflow 79
Overflow 166
Integral 4948
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 5193
Mean 116.3
RMS 4.587
Underflow 70
Overflow 104
Integral 5019
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 4942
Mean 10.47
RMS 19.3
Underflow 94
Overflow 204
Integral 4644
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 4942
Mean 118.3
RMS 5.152
Underflow 62
Overflow 100
Integral 4780
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 6957
Mean 8.838
RMS 17.51
Underflow 178
Overflow 300
Integral 6479
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 6957
Mean 116.2
RMS 4.468
Underflow 97
Overflow 117
Integral 6743