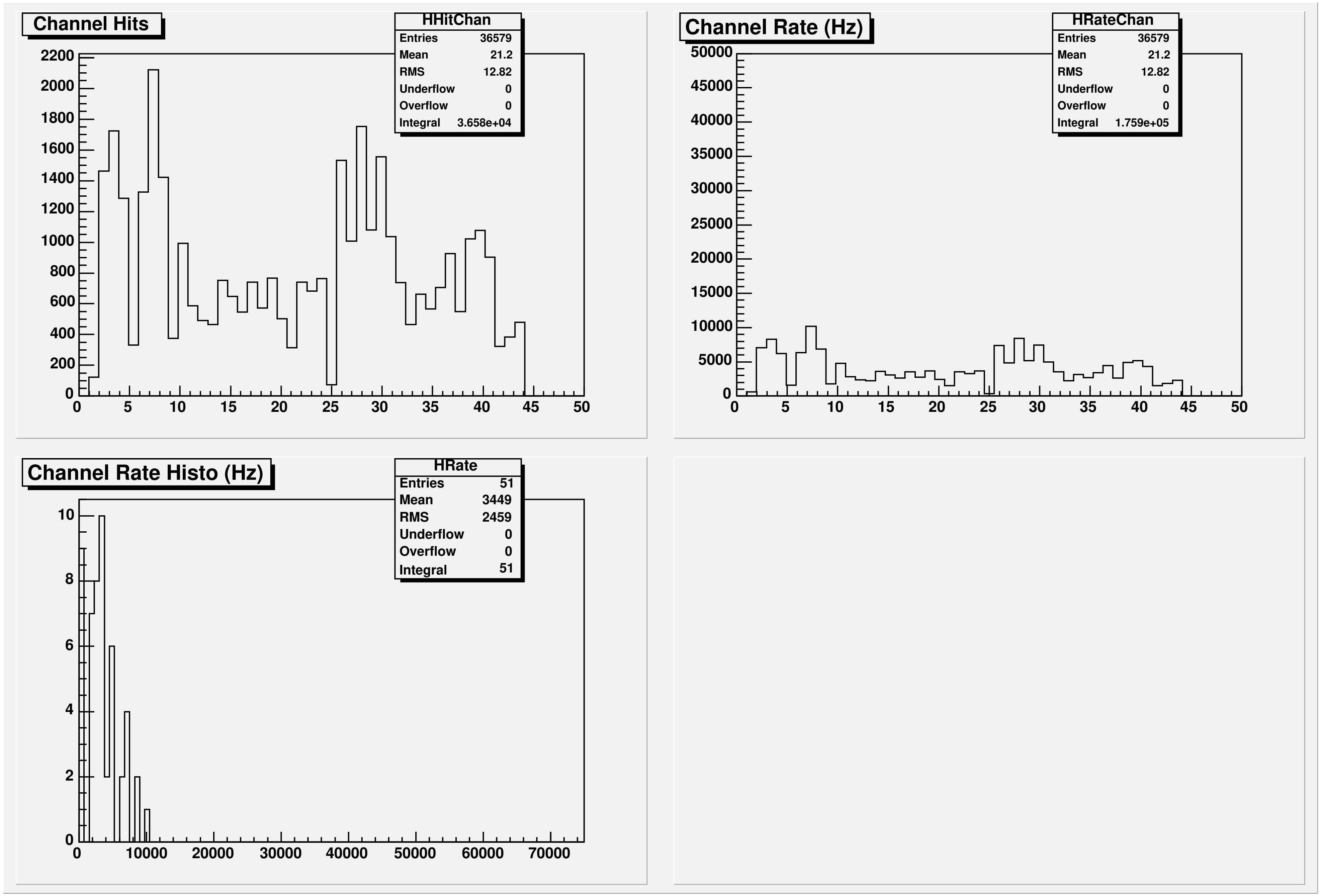
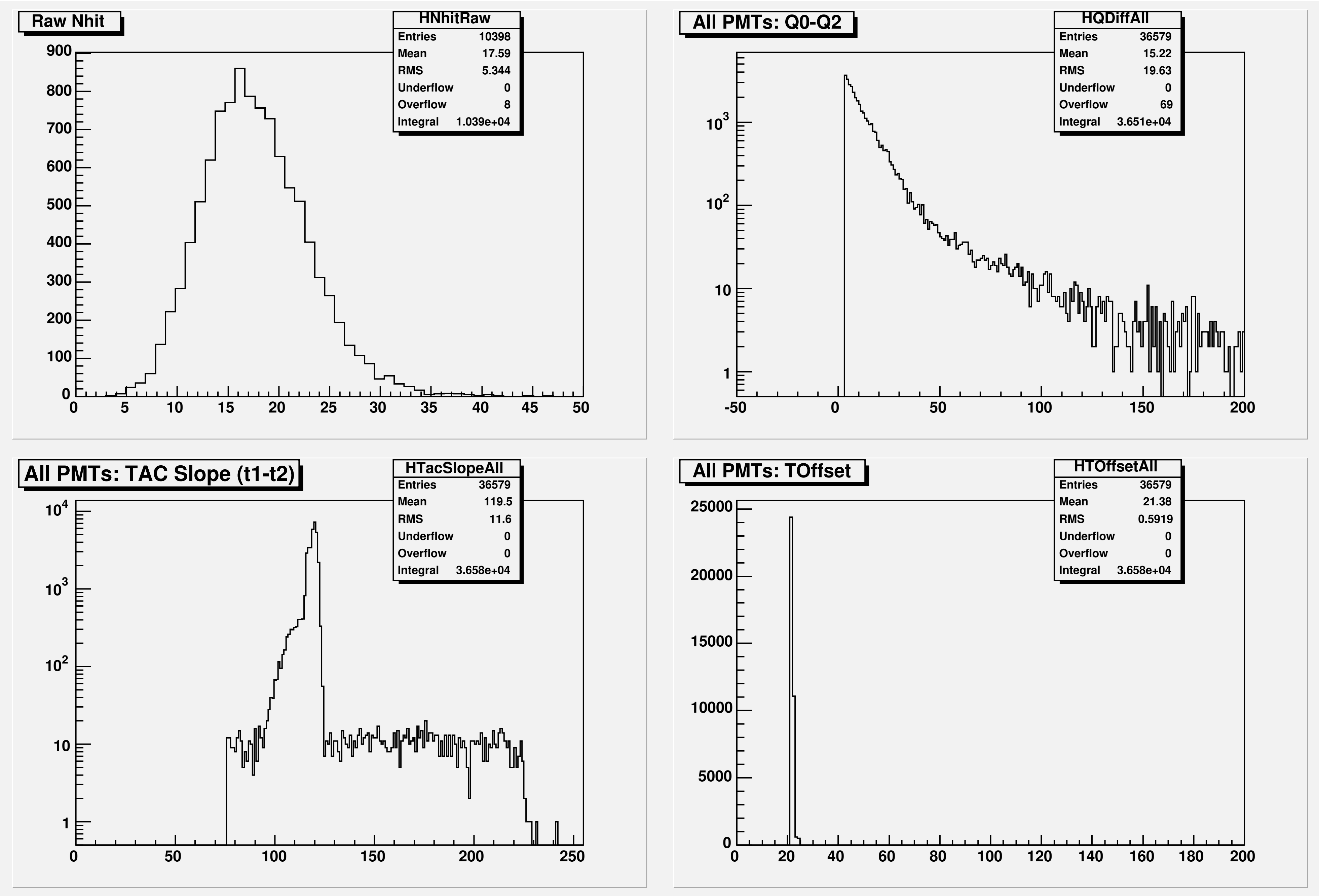
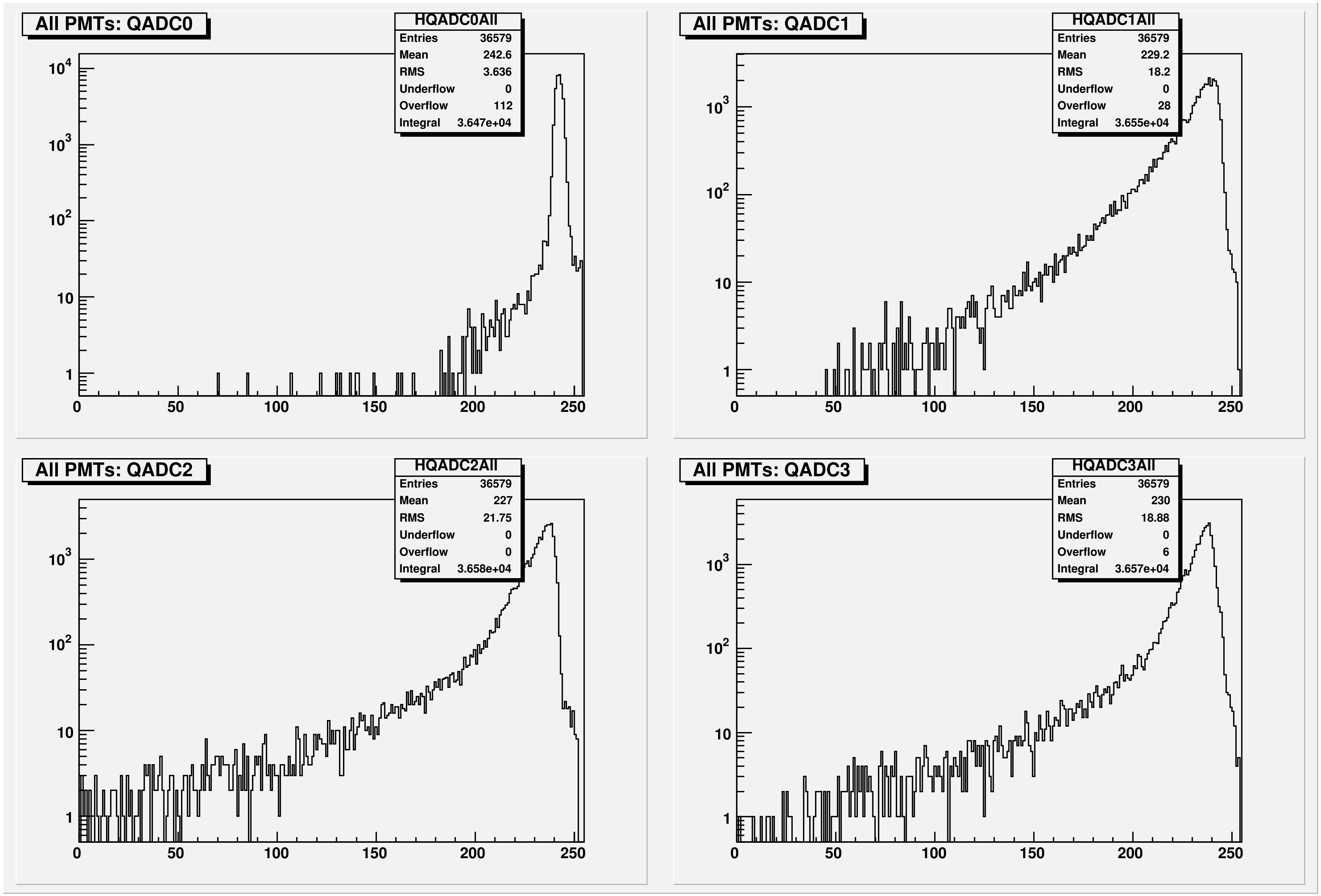
RUN: VlandUnCal Run11485 LEDTCut-QCut



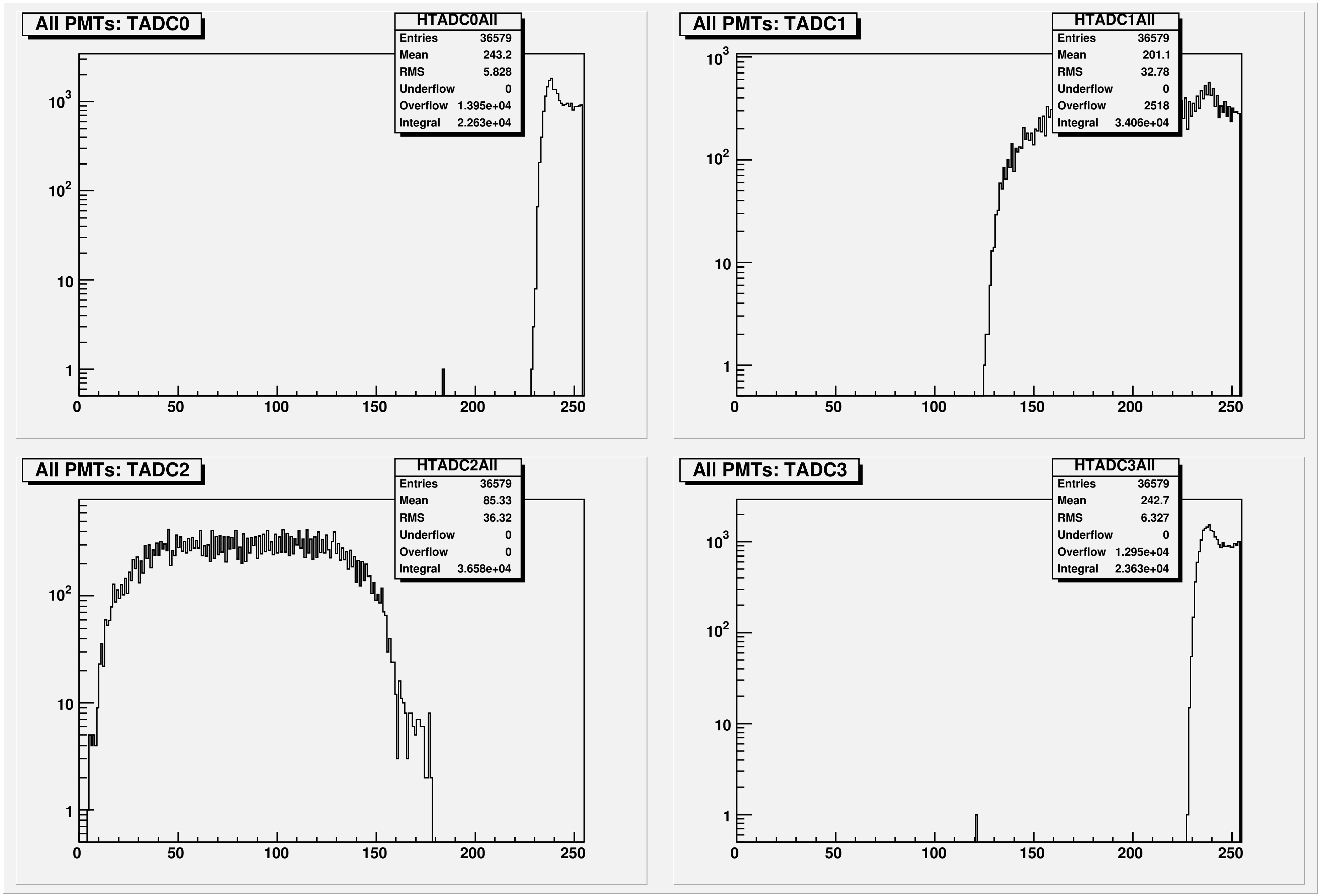
Channel Hits
HHitChan
Entries 36579
Mean 21.2
RMS 12.82
Underflow 0
Overflow 0
Integral 3.658e+04
Channel Rate (Hz)
HRateChan
Entries 36579
Mean 21.2
RMS 12.82
Underflow 0
Overflow 0
Integral 1.759e+05
Channel Rate Histo (Hz)
HRate
Entries 51
Mean 3449
RMS 2459
Underflow 0
Overflow 0
Integral 51

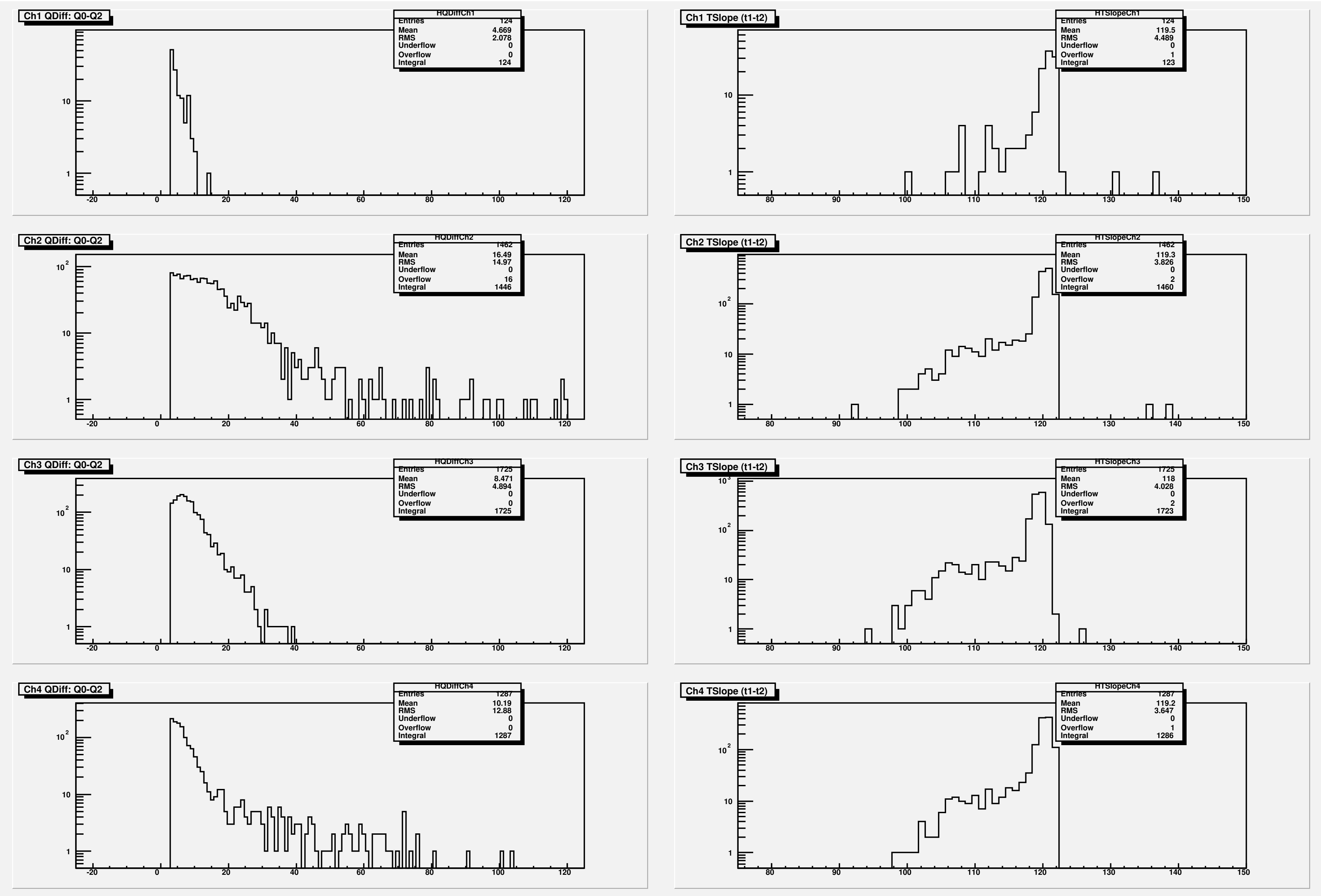


Raw Nhit
HNhitRaw
Entries 10398
Mean 17.59
RMS 5.344
Underflow 0
Overflow 8
Integral 1.039e+04
All PMTs: Q0-Q2
HQDiffAll
Entries 36579
Mean 15.22
RMS 19.63
Underflow 0
Overflow 69
Integral 3.651e+04
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 36579
Mean 119.5
RMS 11.6
Underflow 0
Overflow 0
Integral 3.658e+04
All PMTs: TOffset
HTOffsetAll
Entries 36579
Mean 21.38
RMS 0.5919
Underflow 0
Overflow 0
Integral 3.658e+04

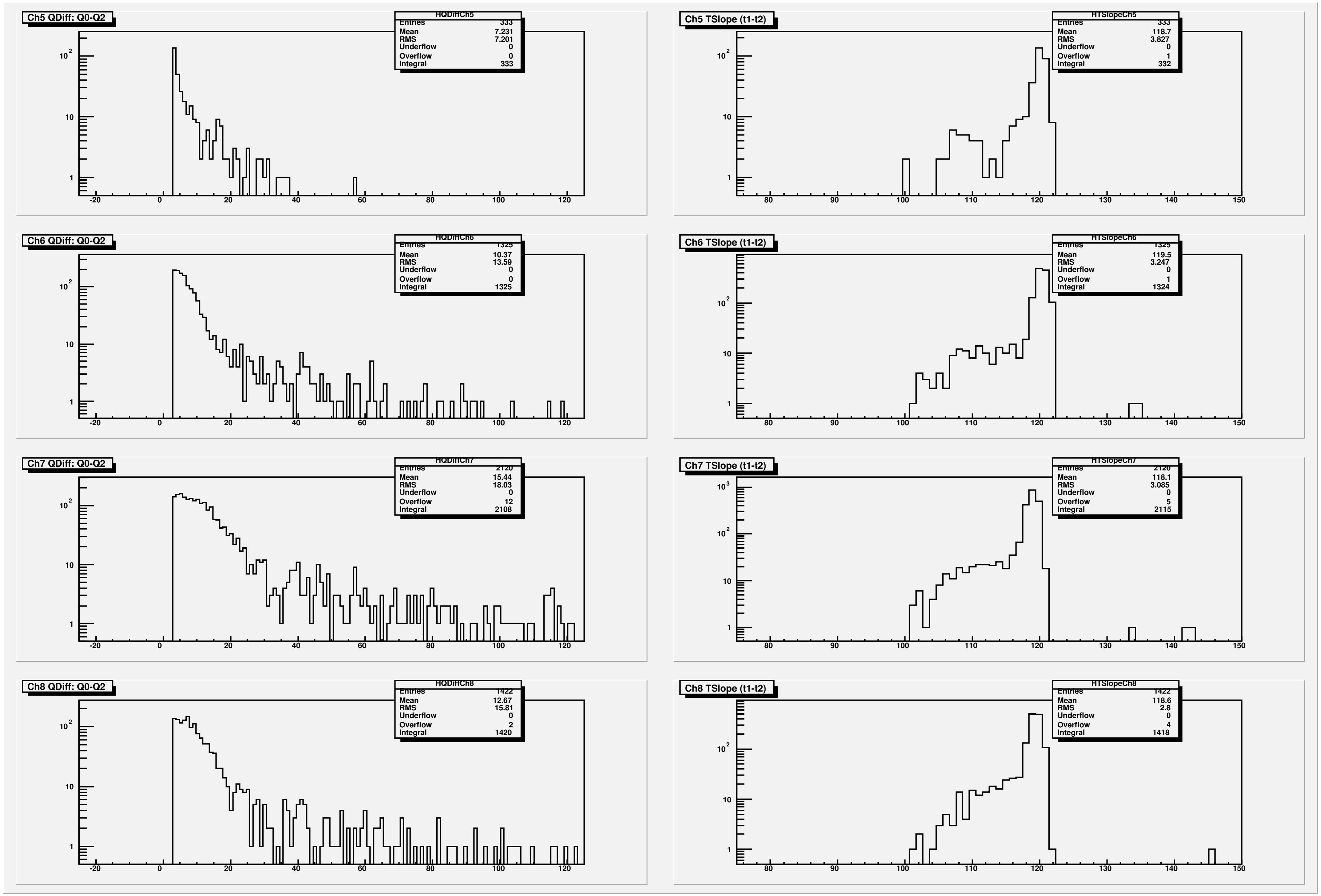


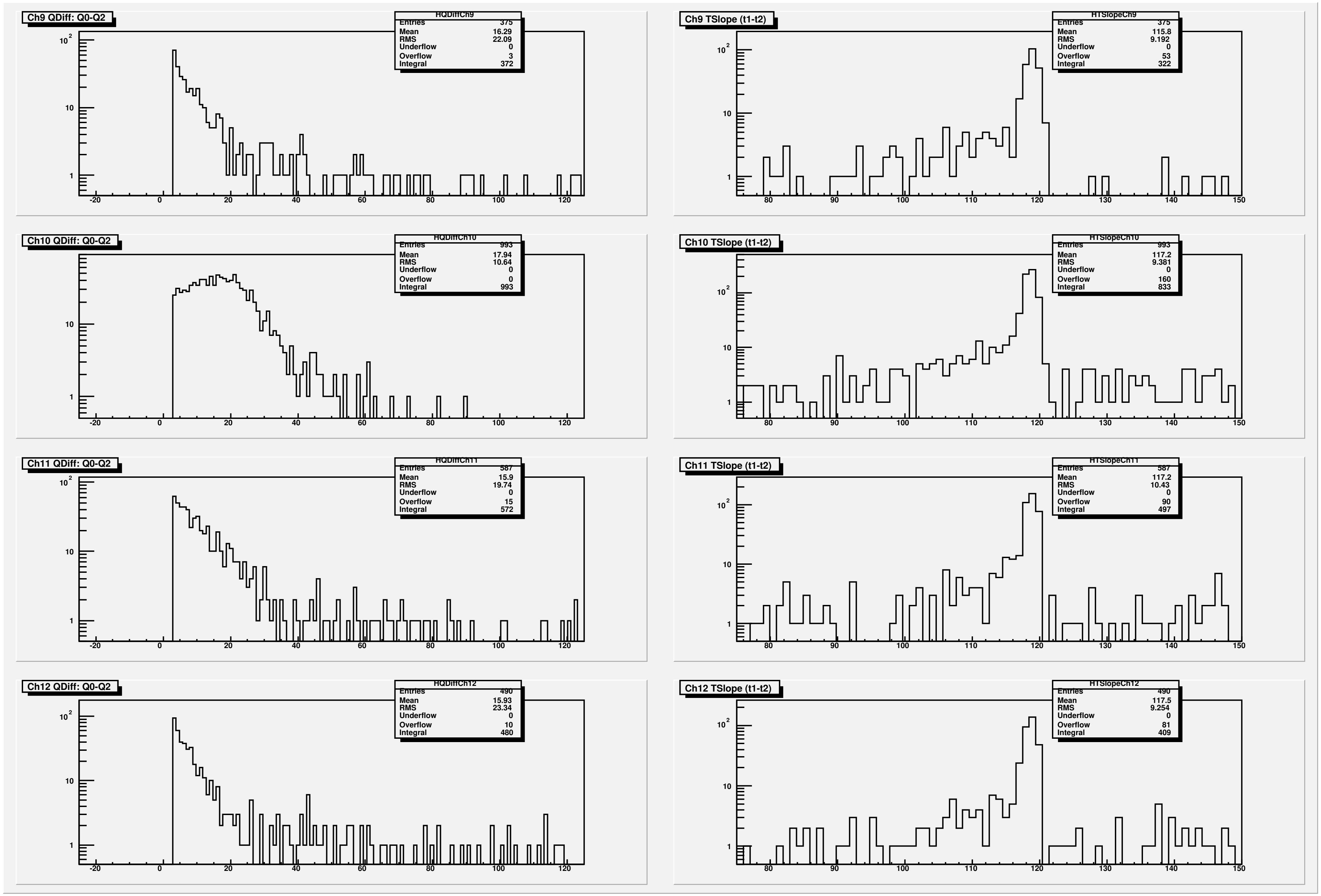
All PMTs: QADC0
HQADC0All
Entries 36579
Mean 242.6
RMS 3.636
Underflow 0
Overflow 112
Integral 3.647e+04
All PMTs: QADC1
HQADC1All
Entries 36579
Mean 229.2
RMS 18.2
Underflow 0
Overflow 28
Integral 3.655e+04
All PMTs: QADC2
HQADC2All
Entries 36579
Mean 227
RMS 21.75
Underflow 0
Overflow 0
Integral 3.658e+04
All PMTs: QADC3
HQADC3All
Entries 36579
Mean 230
RMS 18.88
Underflow 0
Overflow 6
Integral 3.657e+04


All PMTs: TADC0
HTADC0All
Entries 36579
Mean 243.2
RMS 5.828
Underflow 0
Overflow 1.395e+04
Integral 2.263e+04
All PMTs: TADC1
HTADC1All
Entries 36579
Mean 201.1
RMS 32.78
Underflow 0
Overflow 2518
Integral 3.406e+04
All PMTs: TADC2
HTADC2All
Entries 36579
Mean 85.33
RMS 36.32
Underflow 0
Overflow 0
Integral 3.658e+04
All PMTs: TADC3
HTADC3All
Entries 36579
Mean 242.7
RMS 6.327
Underflow 0
Overflow 1.295e+04
Integral 2.363e+04

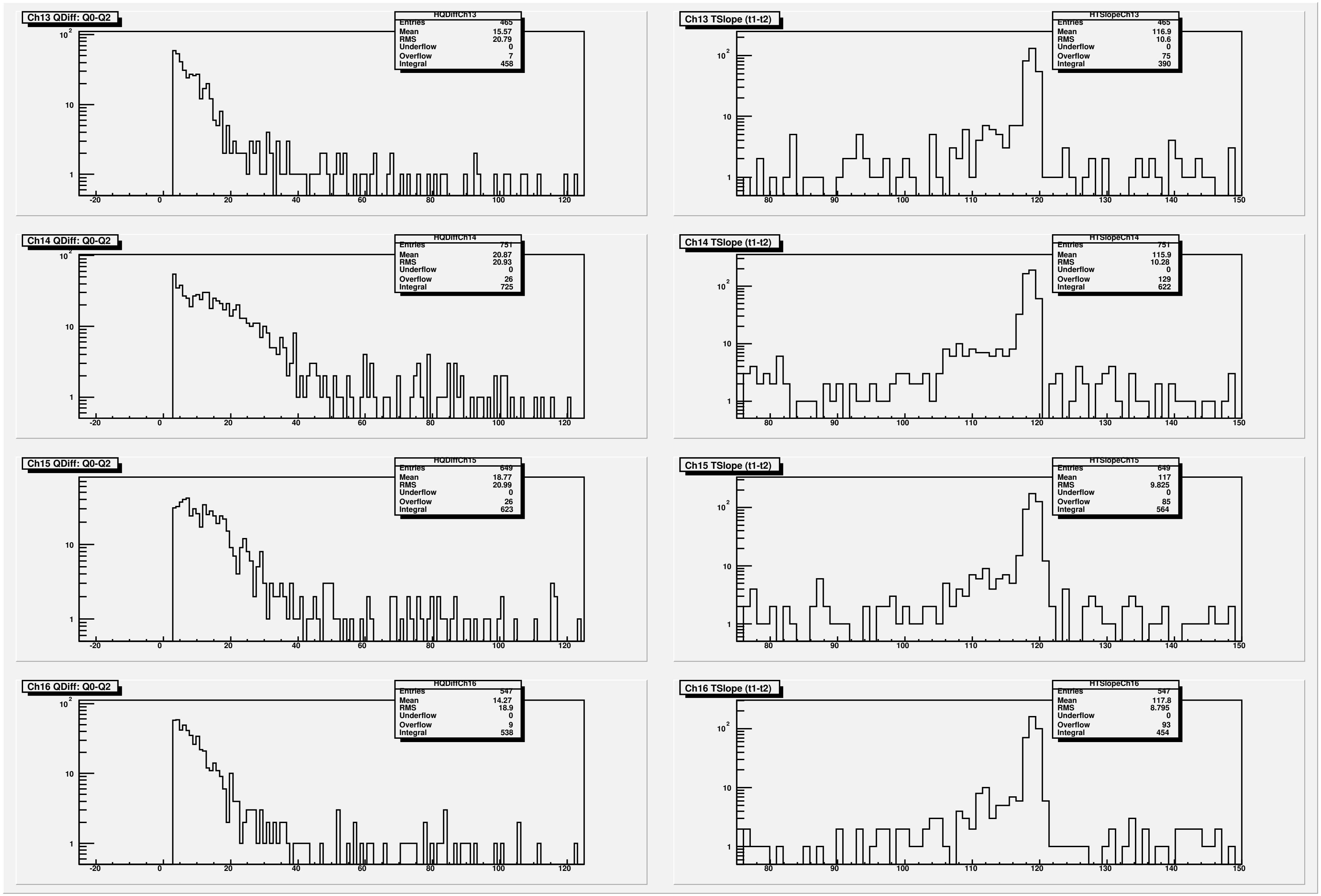


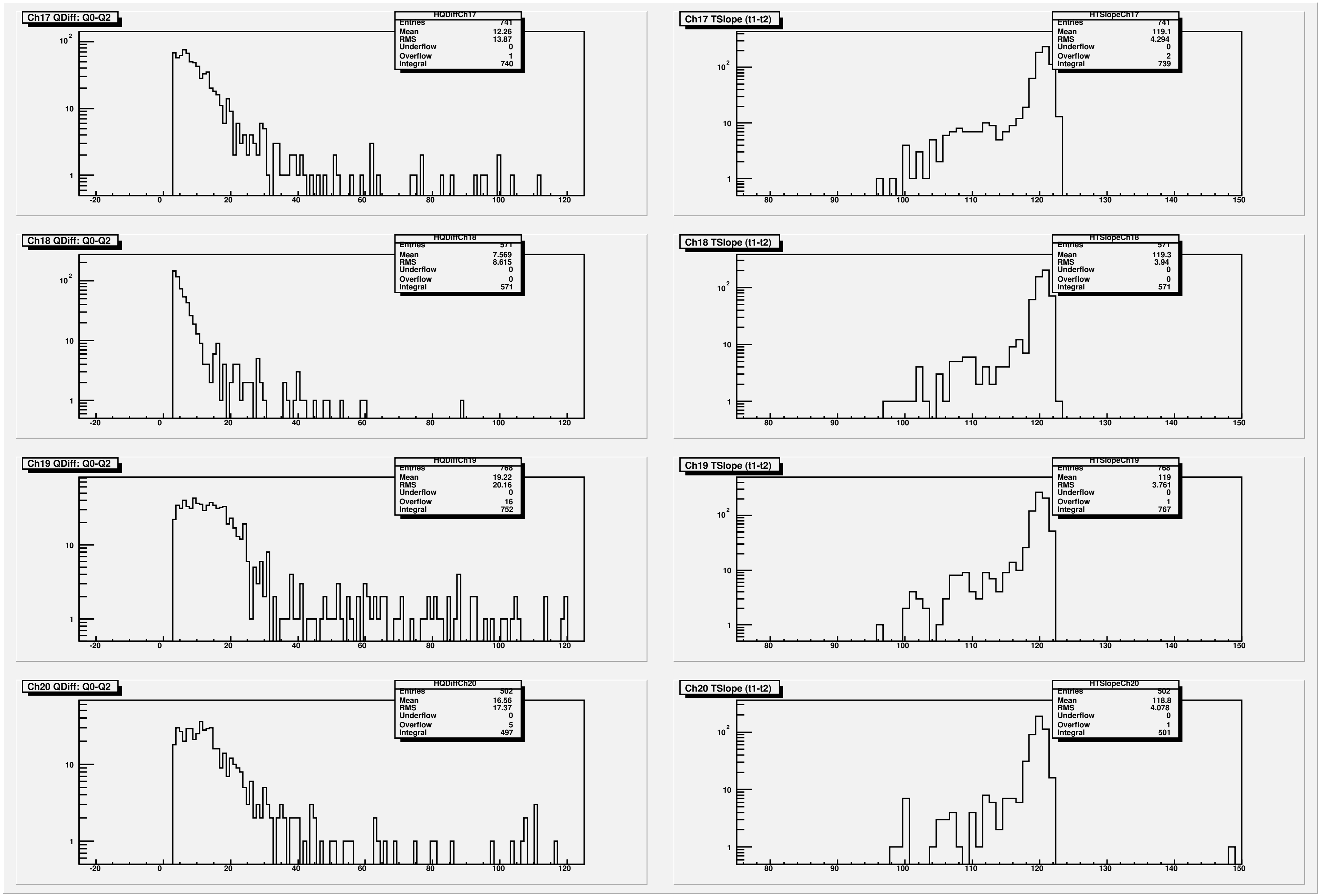
Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 124
Mean 4.669
RMS 2.078
Underflow 0
Overflow 0
Integral 124
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 124
Mean 119.5
RMS 4.489
Underflow 0
Overflow 1
Integral 123
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 1462
Mean 16.49
RMS 14.97
Underflow 0
Overflow 16
Integral 1446
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 1462
Mean 119.3
RMS 3.826
Underflow 0
Overflow 2
Integral 1460
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 1725
Mean 8.471
RMS 4.894
Underflow 0
Overflow 0
Integral 1725
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 1725
Mean 118
RMS 4.028
Underflow 0
Overflow 2
Integral 1723
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 1287
Mean 10.19
RMS 12.88
Underflow 0
Overflow 0
Integral 1287
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 1287
Mean 119.2
RMS 3.647
Underflow 0
Overflow 1
Integral 1286

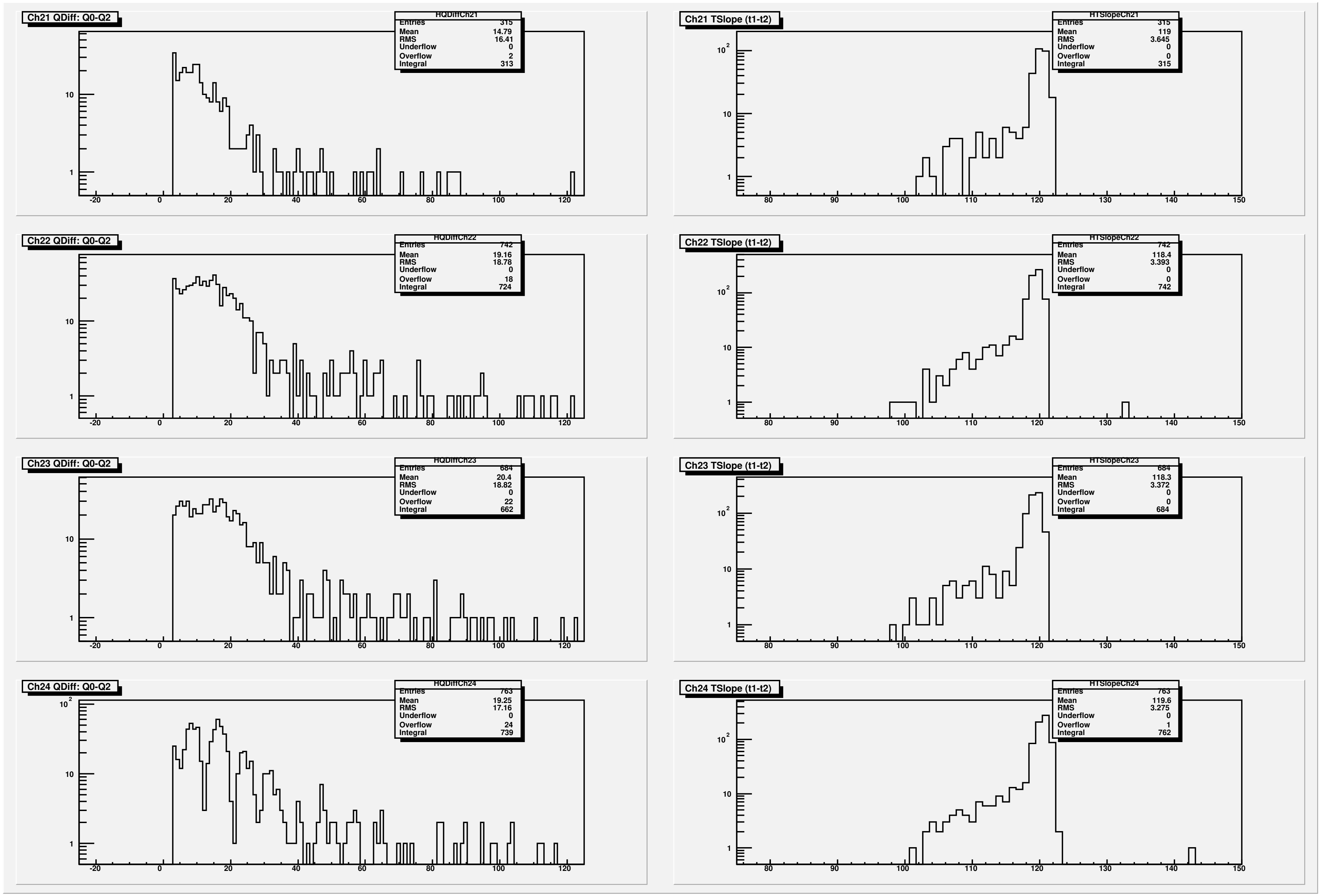

Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 333
Mean 7.231
RMS 7.201
Underflow 0
Overflow 0
Integral 333
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 333
Mean 118.7
RMS 3.827
Underflow 0
Overflow 1
Integral 332
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 1325
Mean 10.37
RMS 13.59
Underflow 0
Overflow 0
Integral 1325
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 1325
Mean 119.5
RMS 3.247
Underflow 0
Overflow 1
Integral 1324
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 2120
Mean 15.44
RMS 18.03
Underflow 0
Overflow 12
Integral 2108
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 2120
Mean 118.1
RMS 3.085
Underflow 0
Overflow 5
Integral 2115
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 1422
Mean 12.67
RMS 15.81
Underflow 0
Overflow 2
Integral 1420
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 1422
Mean 118.6
RMS 2.8
Underflow 0
Overflow 4
Integral 1418

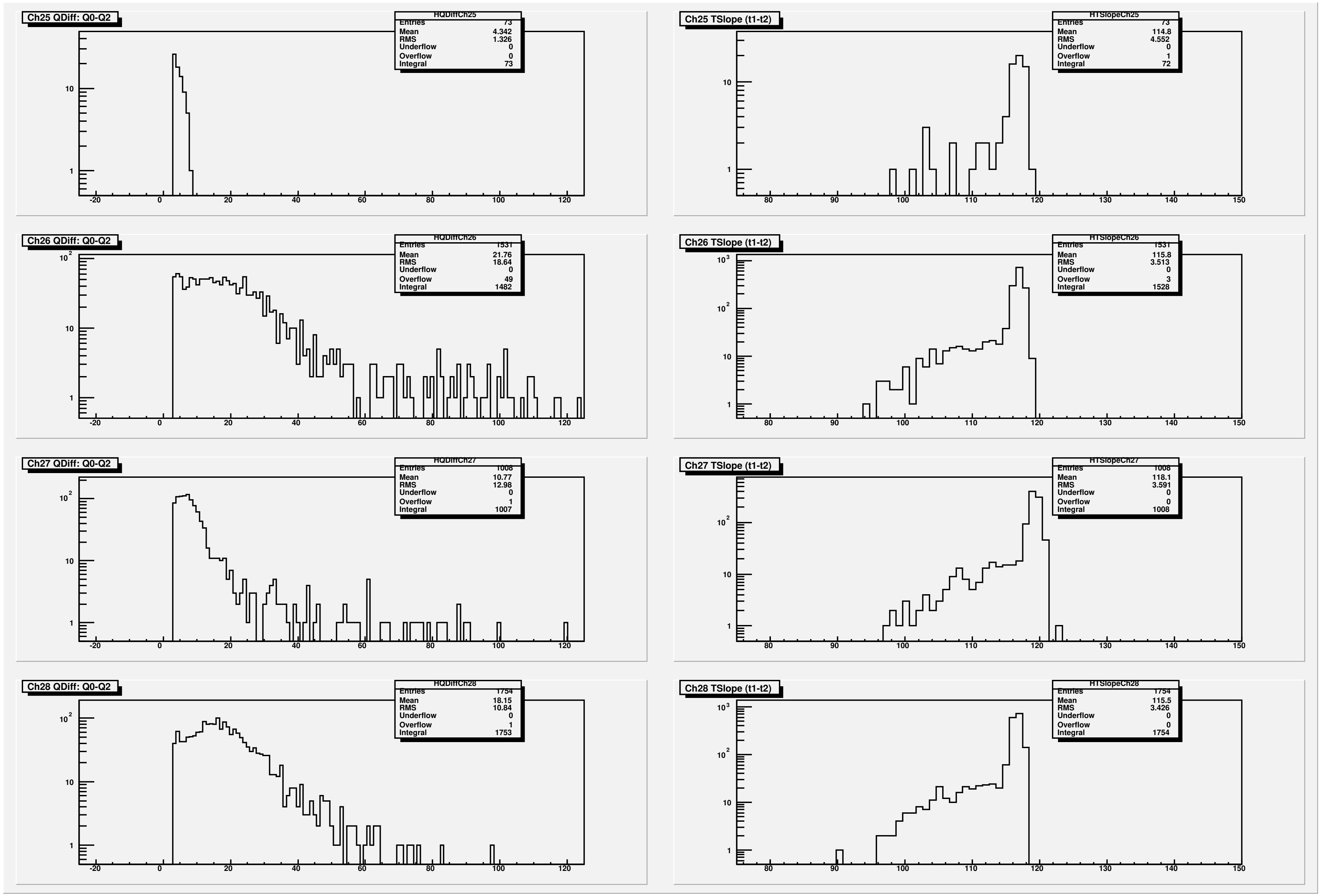


Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 375
Mean 16.29
RMS 22.09
Underflow 0
Overflow 3
Integral 372
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 375
Mean 115.8
RMS 9.192
Underflow 0
Overflow 53
Integral 322
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 993
Mean 17.94
RMS 10.64
Underflow 0
Overflow 0
Integral 993
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 993
Mean 117.2
RMS 9.381
Underflow 0
Overflow 160
Integral 833
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 587
Mean 15.9
RMS 19.74
Underflow 0
Overflow 15
Integral 572
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 587
Mean 117.2
RMS 10.43
Underflow 0
Overflow 90
Integral 497
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 490
Mean 15.93
RMS 23.34
Underflow 0
Overflow 10
Integral 480
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 490
Mean 117.5
RMS 9.254
Underflow 0
Overflow 81
Integral 409

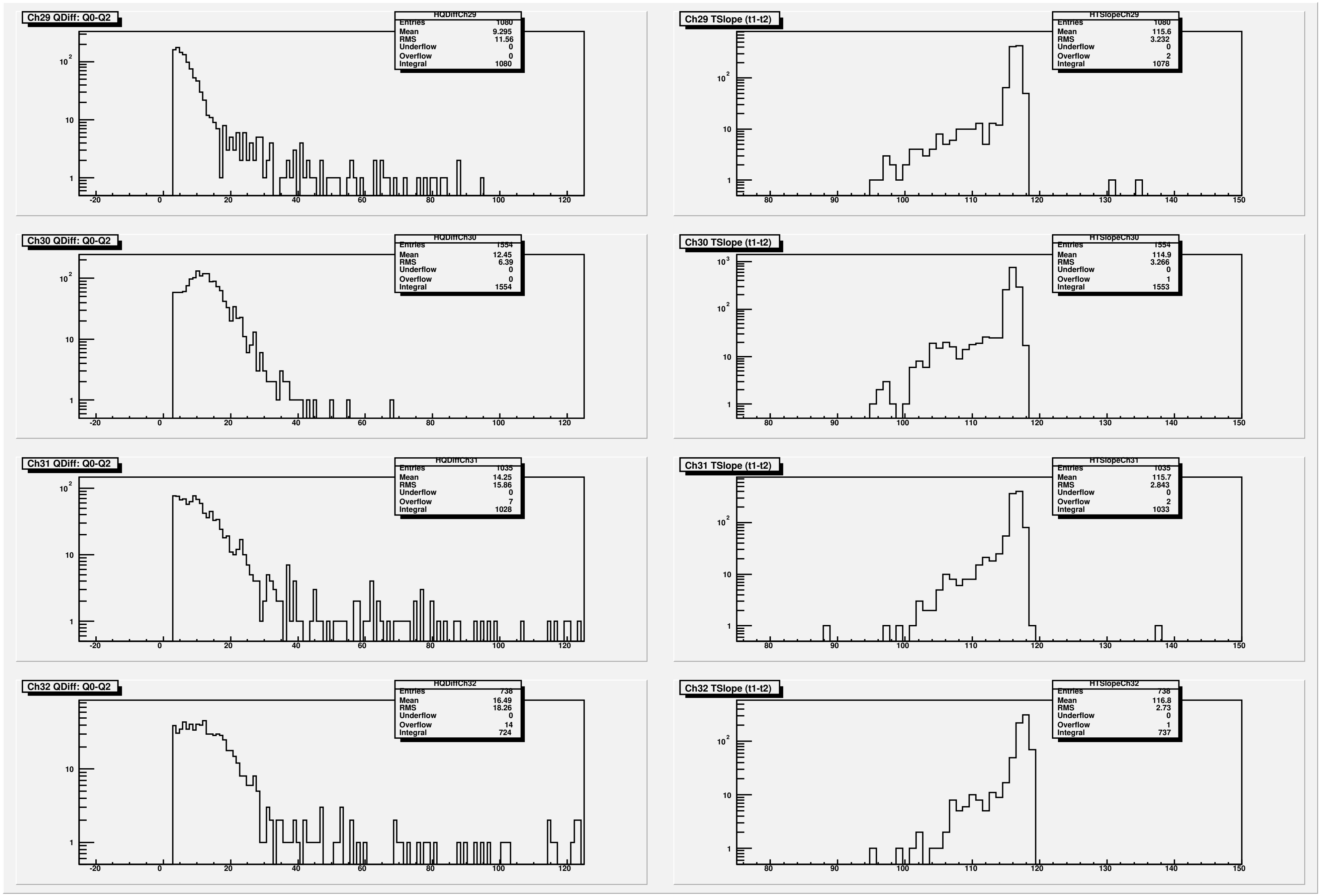

Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 465
Mean 15.57
RMS 20.79
Underflow 0
Overflow 7
Integral 458
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 465
Mean 116.9
RMS 10.6
Underflow 0
Overflow 75
Integral 390
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 751
Mean 20.87
RMS 20.93
Underflow 0
Overflow 26
Integral 725
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 751
Mean 115.9
RMS 10.28
Underflow 0
Overflow 129
Integral 622
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 649
Mean 18.77
RMS 20.99
Underflow 0
Overflow 26
Integral 623
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 649
Mean 117
RMS 9.825
Underflow 0
Overflow 85
Integral 564
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 547
Mean 14.27
RMS 18.9
Underflow 0
Overflow 9
Integral 538
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 547
Mean 117.8
RMS 8.795
Underflow 0
Overflow 93
Integral 454

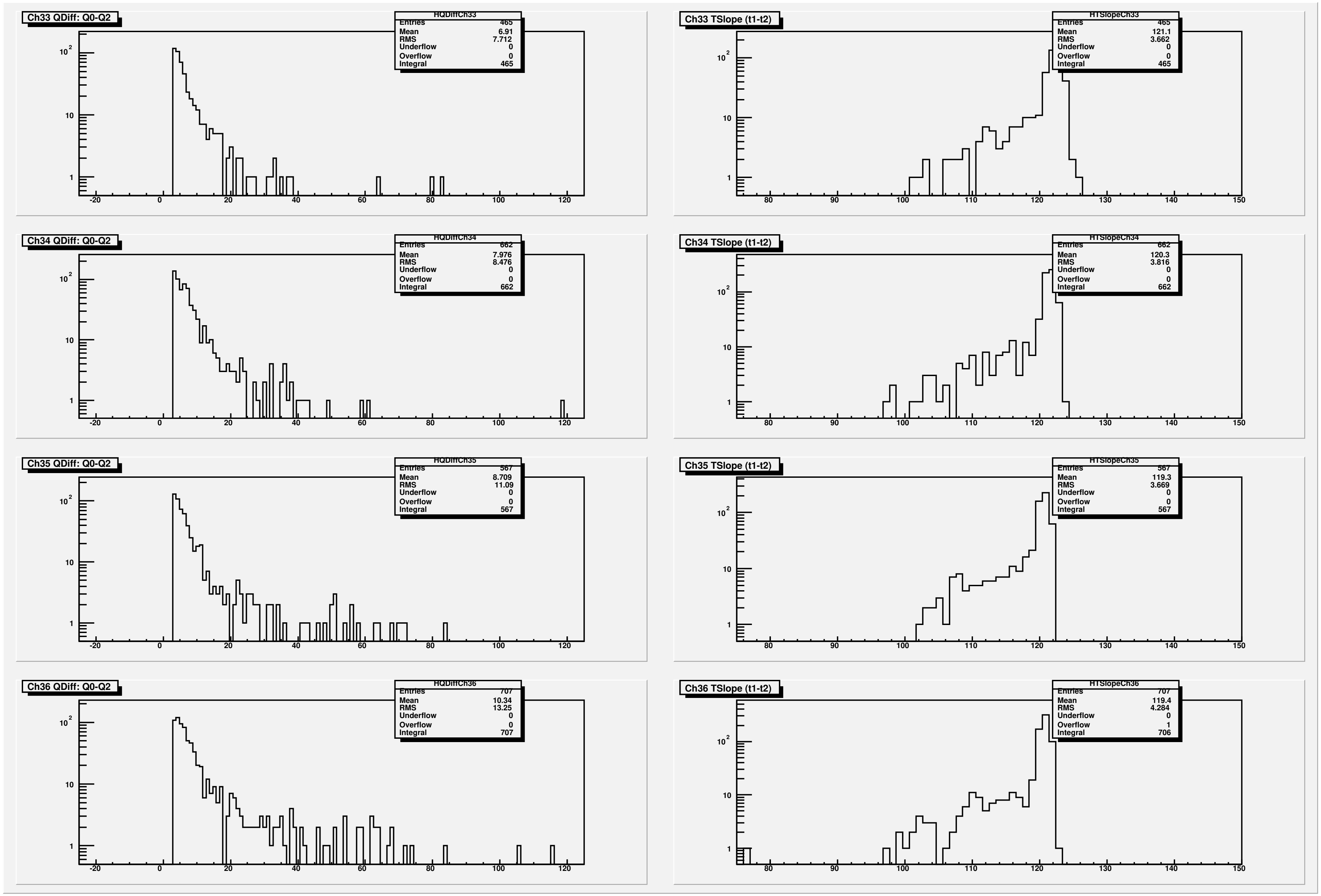

Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 741
Mean 12.26
RMS 13.87
Underflow 0
Overflow 1
Integral 740
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 741
Mean 119.1
RMS 4.294
Underflow 0
Overflow 2
Integral 739
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 571
Mean 7.569
RMS 8.615
Underflow 0
Overflow 0
Integral 571
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 571
Mean 119.3
RMS 3.94
Underflow 0
Overflow 0
Integral 571
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 768
Mean 19.22
RMS 20.16
Underflow 0
Overflow 16
Integral 752
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 768
Mean 119
RMS 3.761
Underflow 0
Overflow 1
Integral 767
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 502
Mean 16.56
RMS 17.37
Underflow 0
Overflow 5
Integral 497
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 502
Mean 118.8
RMS 4.078
Underflow 0
Overflow 1
Integral 501


Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 315
Mean 14.79
RMS 16.41
Underflow 0
Overflow 2
Integral 313
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 315
Mean 119
RMS 3.645
Underflow 0
Overflow 0
Integral 315
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 742
Mean 19.16
RMS 18.78
Underflow 0
Overflow 18
Integral 724
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 742
Mean 118.4
RMS 3.393
Underflow 0
Overflow 0
Integral 742
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 684
Mean 20.4
RMS 18.82
Underflow 0
Overflow 22
Integral 662
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 684
Mean 118.3
RMS 3.372
Underflow 0
Overflow 0
Integral 684
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 763
Mean 19.25
RMS 17.16
Underflow 0
Overflow 24
Integral 739
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 763
Mean 119.6
RMS 3.275
Underflow 0
Overflow 1
Integral 762

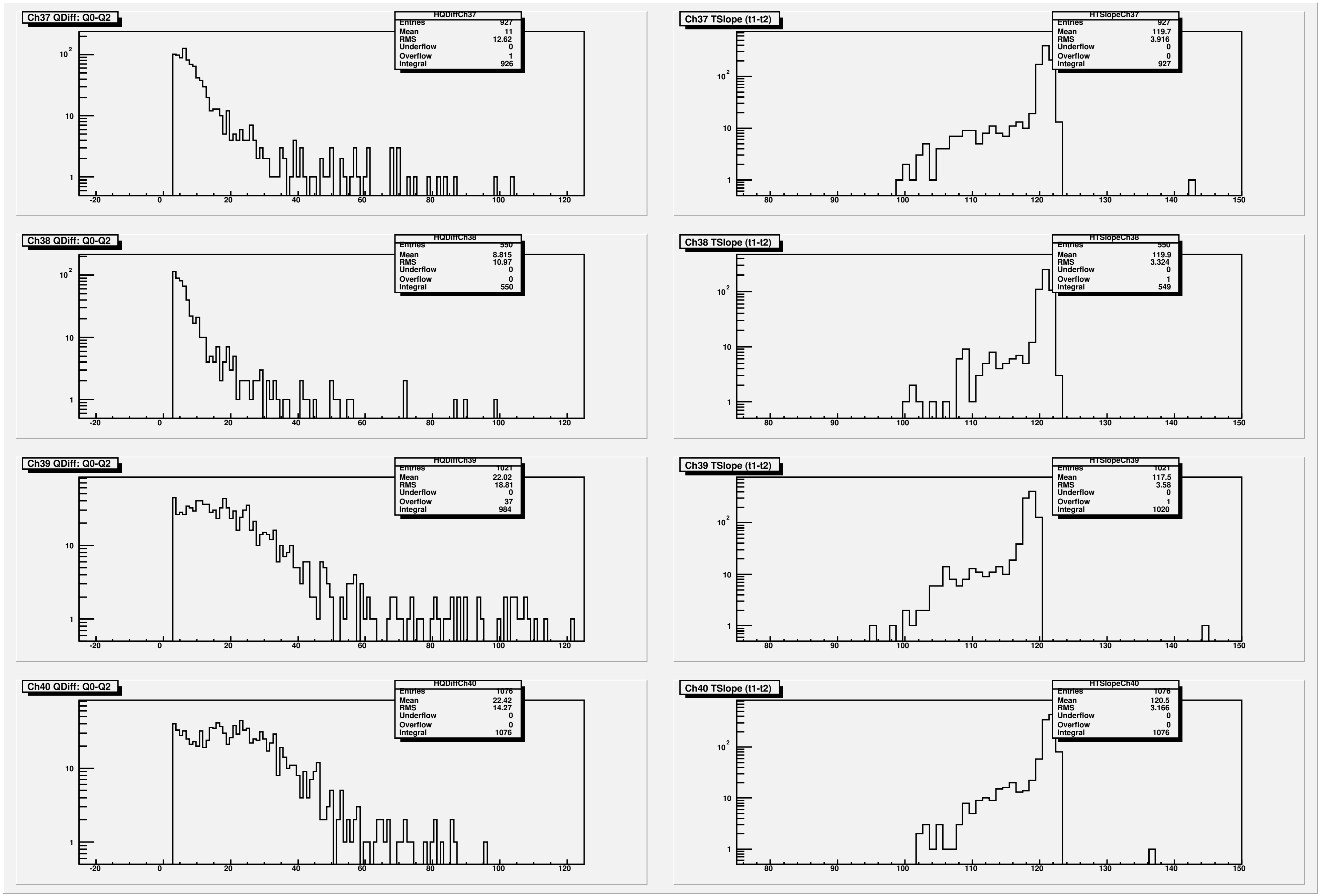


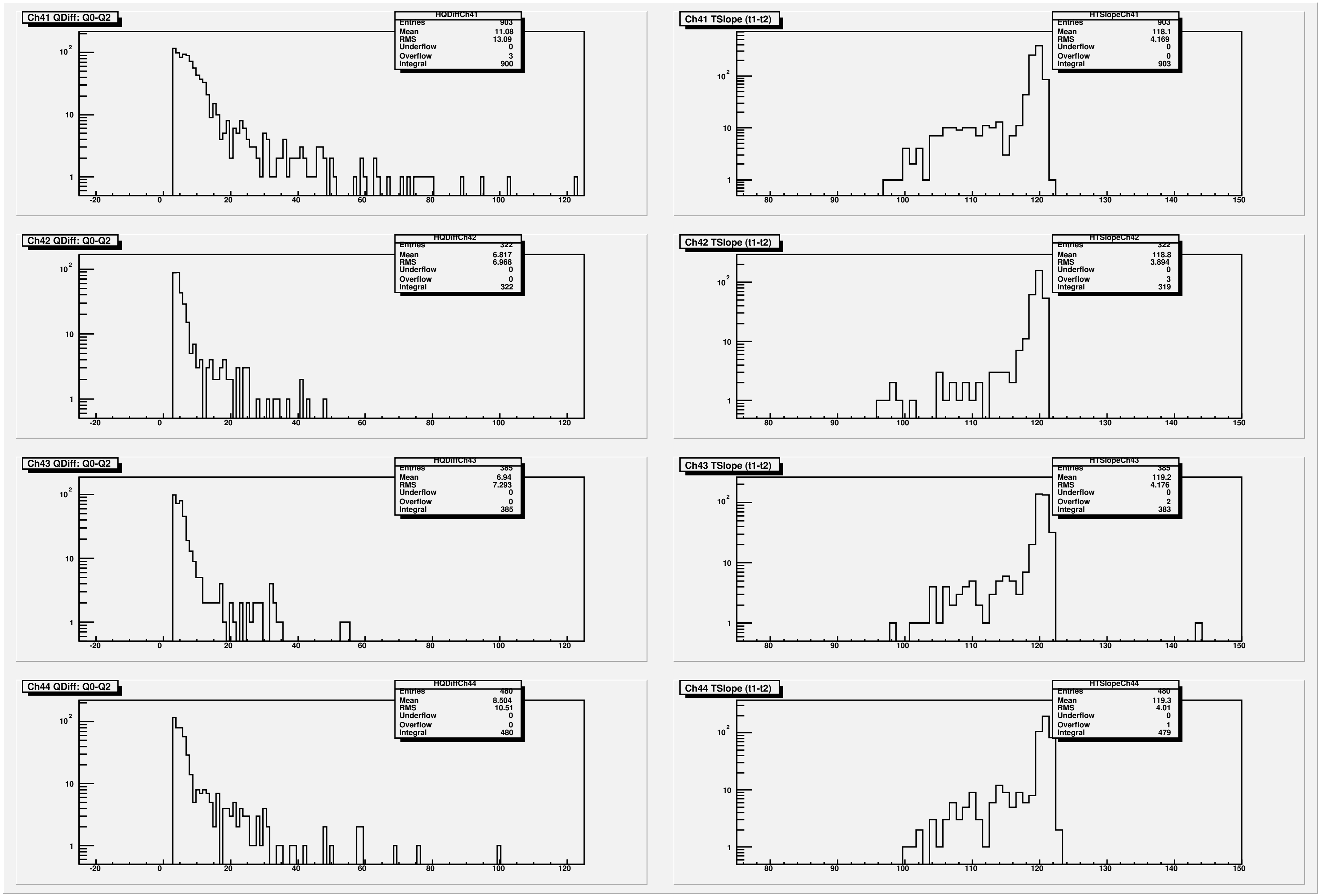
Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 73
Mean 4.342
RMS 1.326
Underflow 0
Overflow 0
Integral 73
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 73
Mean 114.8
RMS 4.552
Underflow 0
Overflow 1
Integral 72
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 1531
Mean 21.76
RMS 18.64
Underflow 0
Overflow 49
Integral 1482
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 1531
Mean 115.8
RMS 3.513
Underflow 0
Overflow 3
Integral 1528
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 1008
Mean 10.77
RMS 12.98
Underflow 0
Overflow 1
Integral 1007
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 1008
Mean 118.1
RMS 3.591
Underflow 0
Overflow 0
Integral 1008
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 1754
Mean 18.15
RMS 10.84
Underflow 0
Overflow 1
Integral 1753
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 1754
Mean 115.5
RMS 3.426
Underflow 0
Overflow 0
Integral 1754


Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 1080
Mean 9.295
RMS 11.56
Underflow 0
Overflow 0
Integral 1080
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 1080
Mean 115.6
RMS 3.232
Underflow 0
Overflow 2
Integral 1078
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 1554
Mean 12.45
RMS 6.39
Underflow 0
Overflow 0
Integral 1554
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 1554
Mean 114.9
RMS 3.266
Underflow 0
Overflow 1
Integral 1553
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 1035
Mean 14.25
RMS 15.86
Underflow 0
Overflow 7
Integral 1028
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 1035
Mean 115.7
RMS 2.843
Underflow 0
Overflow 2
Integral 1033
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 738
Mean 16.49
RMS 18.26
Underflow 0
Overflow 14
Integral 724
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 738
Mean 116.8
RMS 2.73
Underflow 0
Overflow 1
Integral 737



Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 465
Mean 6.91
RMS 7.712
Underflow 0
Overflow 0
Integral 465
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 465
Mean 121.1
RMS 3.662
Underflow 0
Overflow 0
Integral 465
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 662
Mean 7.976
RMS 8.476
Underflow 0
Overflow 0
Integral 662
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 662
Mean 120.3
RMS 3.816
Underflow 0
Overflow 0
Integral 662
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 567
Mean 8.709
RMS 11.09
Underflow 0
Overflow 0
Integral 567
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 567
Mean 119.3
RMS 3.669
Underflow 0
Overflow 0
Integral 567
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 707
Mean 10.34
RMS 13.25
Underflow 0
Overflow 0
Integral 707
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 707
Mean 119.4
RMS 4.284
Underflow 0
Overflow 1
Integral 706


Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 927
Mean 11
RMS 12.62
Underflow 0
Overflow 1
Integral 926
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 927
Mean 119.7
RMS 3.916
Underflow 0
Overflow 0
Integral 927
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 550
Mean 8.815
RMS 10.97
Underflow 0
Overflow 0
Integral 550
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 550
Mean 119.9
RMS 3.324
Underflow 0
Overflow 1
Integral 549
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 1021
Mean 22.02
RMS 18.81
Underflow 0
Overflow 37
Integral 984
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 1021
Mean 117.5
RMS 3.58
Underflow 0
Overflow 1
Integral 1020
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 1076
Mean 22.42
RMS 14.27
Underflow 0
Overflow 0
Integral 1076
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 1076
Mean 120.5
RMS 3.166
Underflow 0
Overflow 0
Integral 1076



Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 903
Mean 11.08
RMS 13.09
Underflow 0
Overflow 3
Integral 900
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 903
Mean 118.1
RMS 4.169
Underflow 0
Overflow 0
Integral 903
Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 322
Mean 6.817
RMS 6.968
Underflow 0
Overflow 0
Integral 322
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 322
Mean 118.8
RMS 3.894
Underflow 0
Overflow 3
Integral 319
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 385
Mean 6.94
RMS 7.293
Underflow 0
Overflow 0
Integral 385
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 385
Mean 119.2
RMS 4.176
Underflow 0
Overflow 2
Integral 383
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 480
Mean 8.504
RMS 10.51
Underflow 0
Overflow 0
Integral 480
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 480
Mean 119.3
RMS 4.01
Underflow 0
Overflow 1
Integral 479