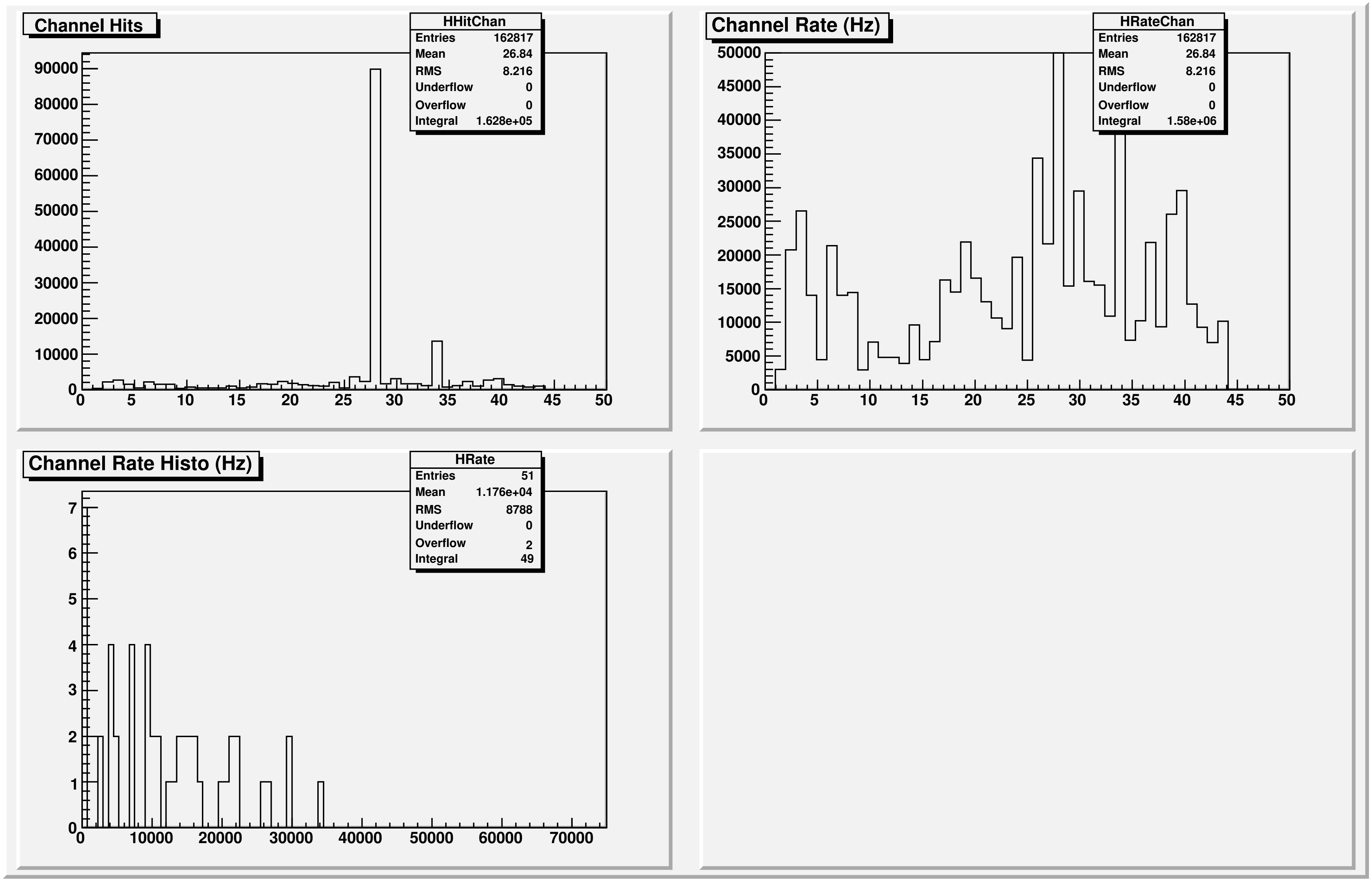
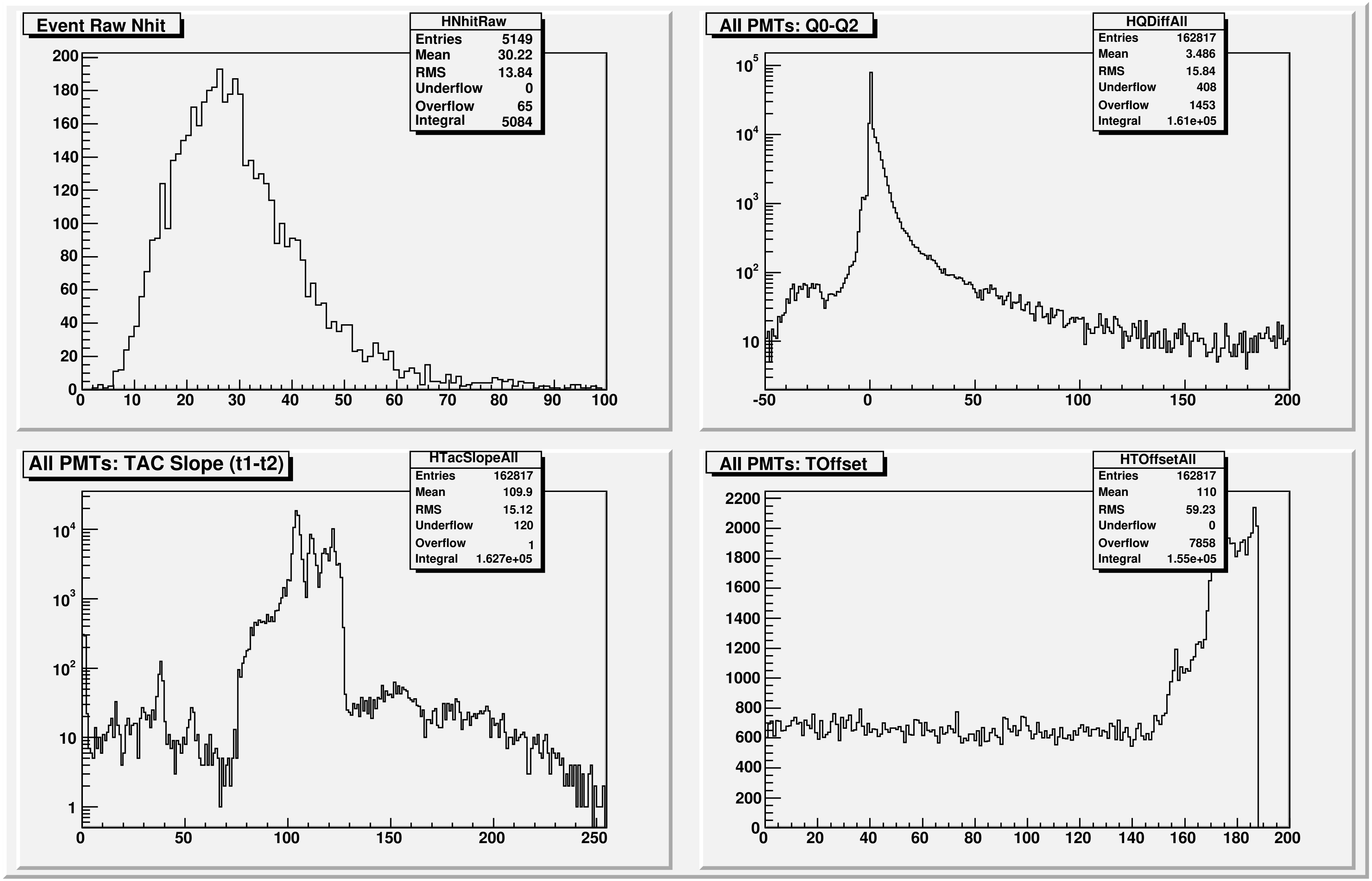
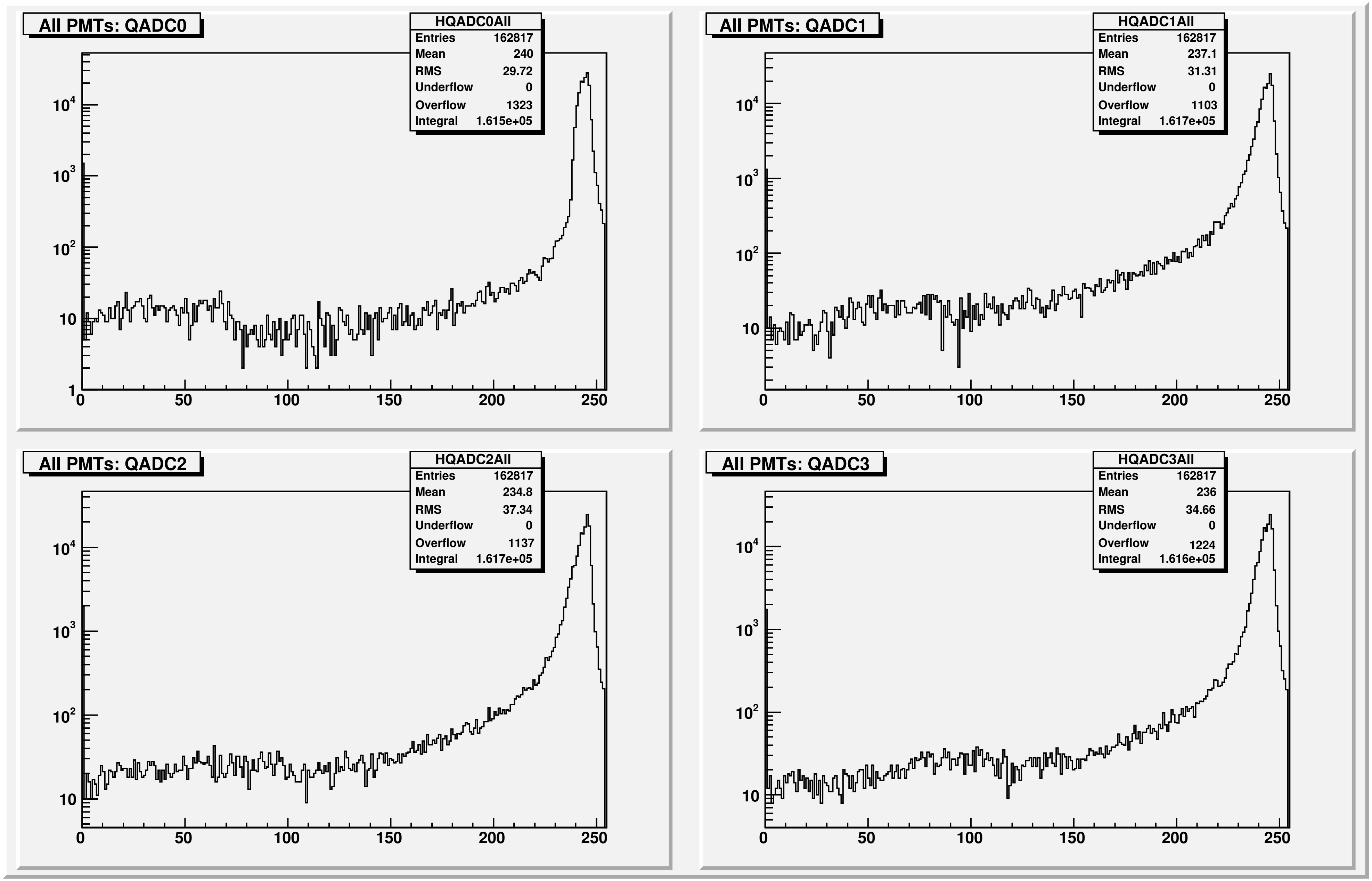
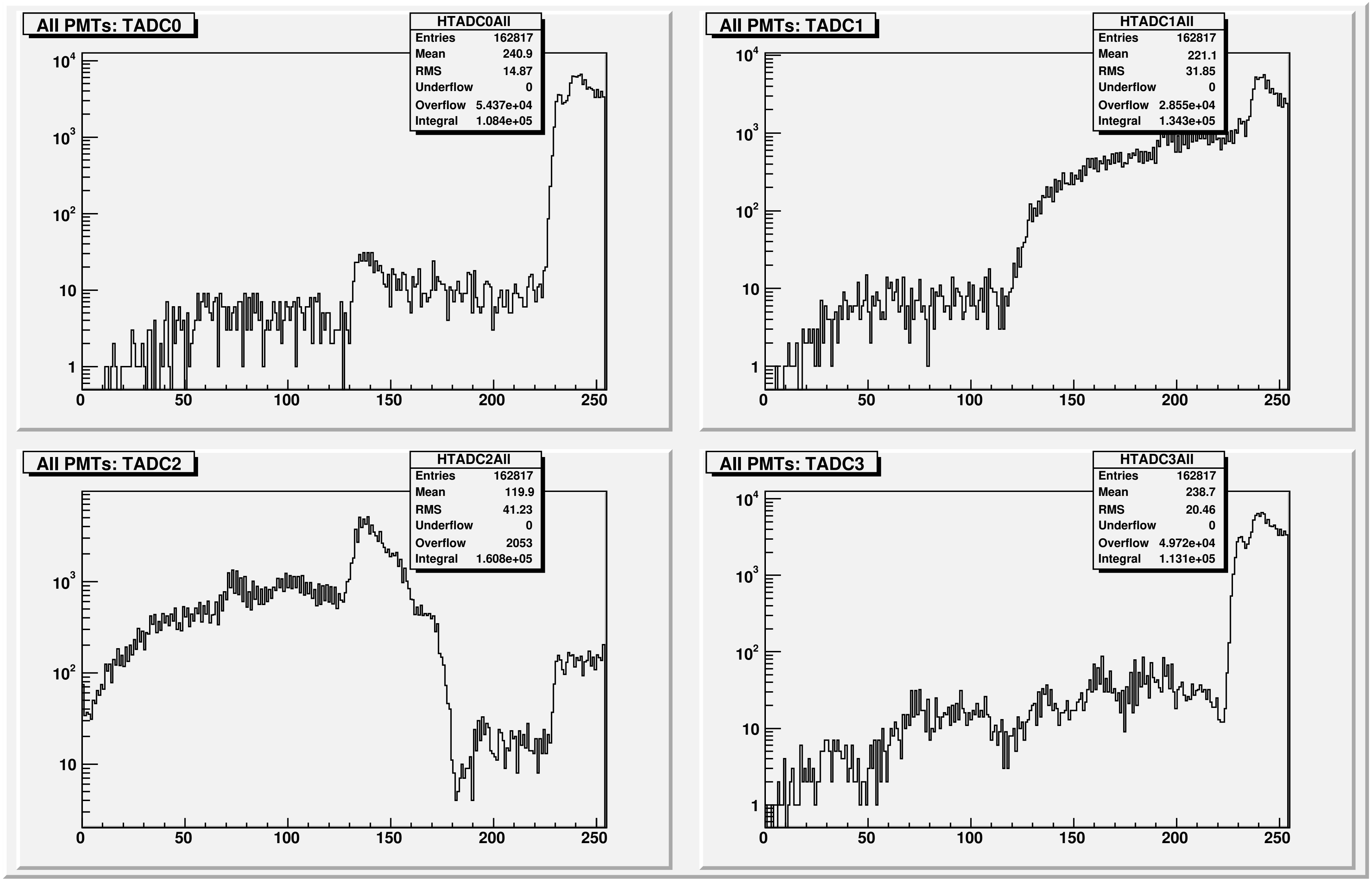
RUN: VlandUnCal Run11621

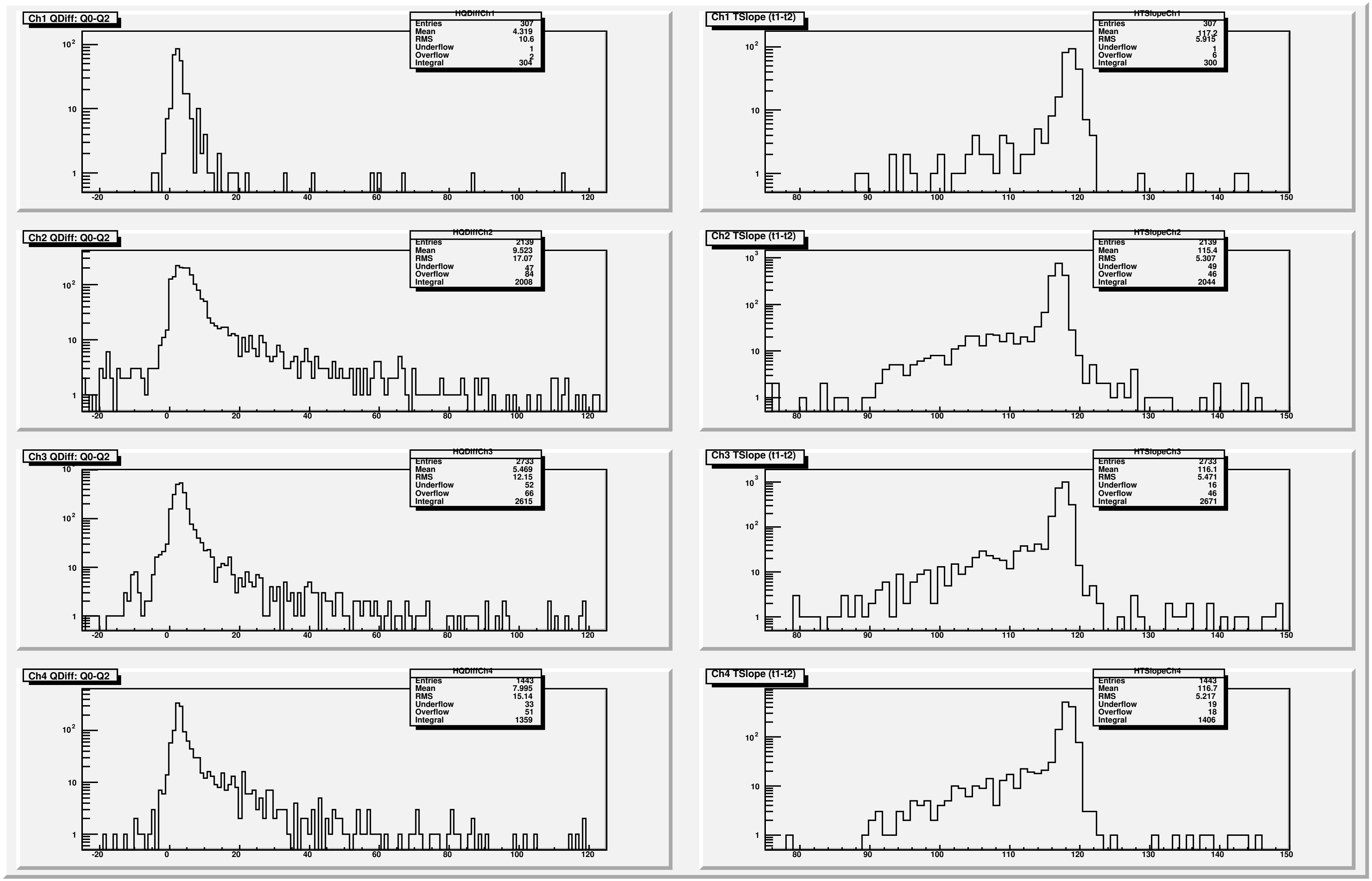

Channel Hits
HHitChan
Entries 162817
Mean 26.84
RMS 8.216
Underflow 0
Overflow 0
Integral 1.628e+05
0 10000 20000 30000 40000 50000 60000 70000 80000 90000
0 5 10 15 20 25 30 35 40 45 50
Channel Rate (Hz)
HRateChan
Entries 162817
Mean 26.84
RMS 8.216
Underflow 0
Overflow 0
Integral 1.58e+06
0 5000 10000 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 1.176e+04
RMS 8788
Underflow 0
Overflow 2
Integral 49
0 1 2 3 4 5 6 7
0 10000 20000 30000 40000 50000 60000 70000


Event Raw Nhit
HNhitRaw
Entries 5149
Mean 30.22
RMS 13.84
Underflow 0
Overflow 65
Integral 5084
All PMTs: Q0-Q2
HQDiffAll
Entries 162817
Mean 3.486
RMS 15.84
Underflow 408
Overflow 1453
Integral 1.61e+05
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 162817
Mean 109.9
RMS 15.12
Underflow 120
Overflow 1
Integral 1.627e+05
All PMTs: TOffset
HTOffsetAll
Entries 162817
Mean 110
RMS 59.23
Underflow 0
Overflow 7858
Integral 1.55e+05

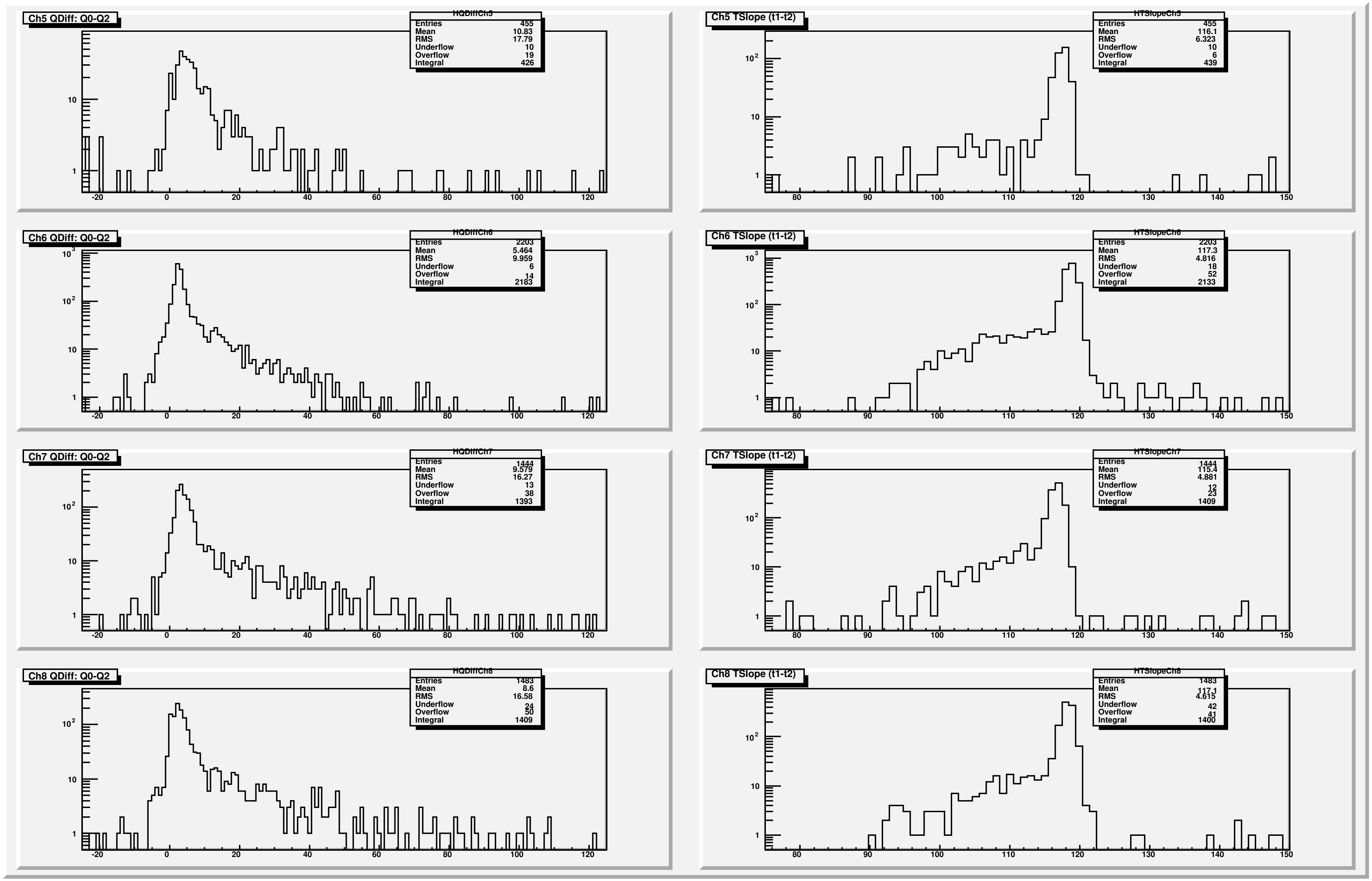

All PMTs: QADC0
HQADC0All
Entries 162817
Mean 240
RMS 29.72
Underflow 0
Overflow 1323
Integral 1.615e+05
All PMTs: QADC1
HQADC1All
Entries 162817
Mean 237.1
RMS 31.31
Underflow 0
Overflow 1103
Integral 1.617e+05
All PMTs: QADC2
HQADC2All
Entries 162817
Mean 234.8
RMS 37.34
Underflow 0
Overflow 1137
Integral 1.617e+05
All PMTs: QADC3
HQADC3All
Entries 162817
Mean 236
RMS 34.66
Underflow 0
Overflow 1224
Integral 1.616e+05
0
50
100
150
200
250

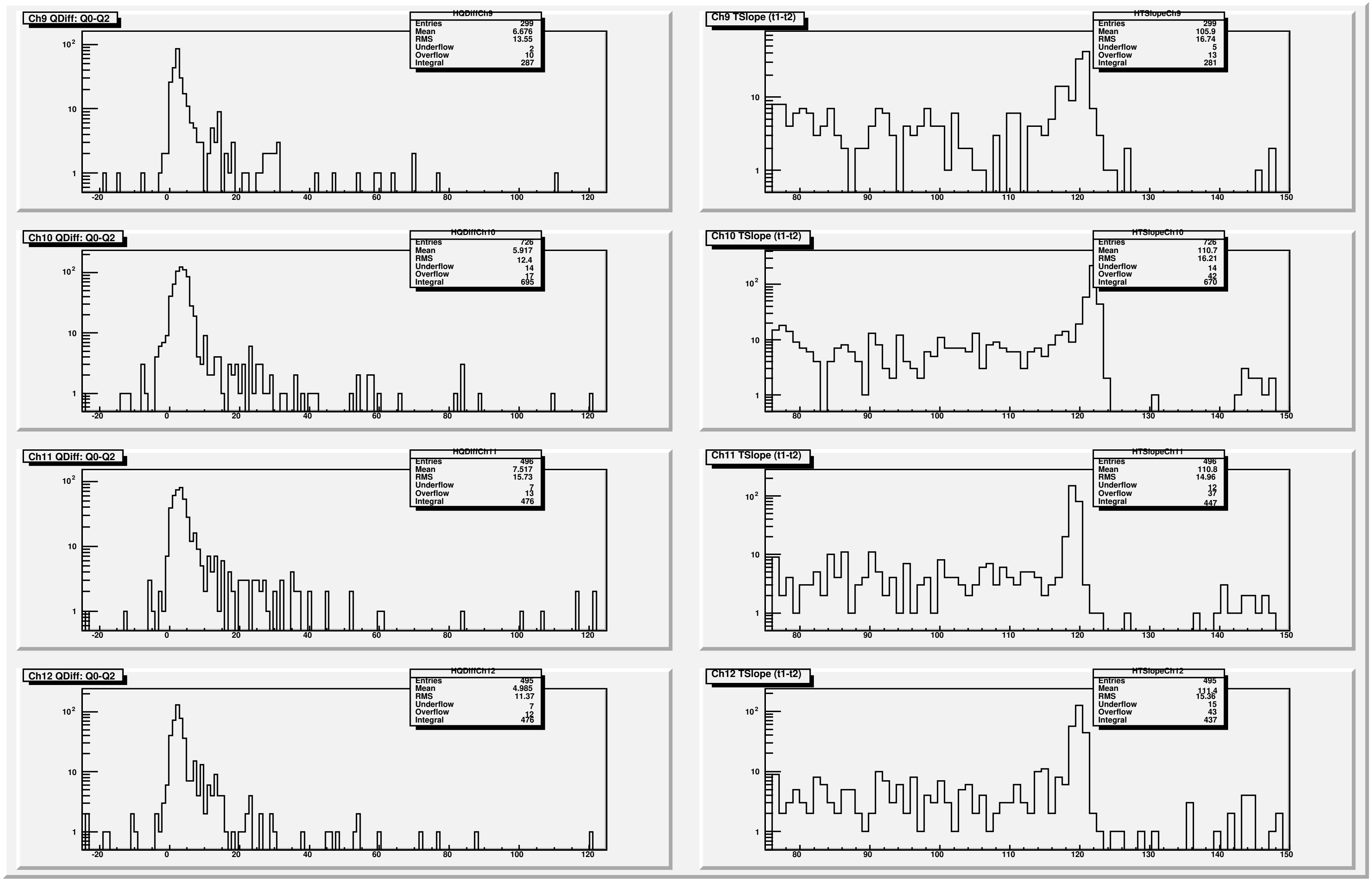


All PMTs: TADC0
HTADC0All
Entries 162817
Mean 240.9
RMS 14.87
Underflow 0
Overflow 5.437e+04
Integral 1.084e+05
All PMTs: TADC1
HTADC1All
Entries 162817
Mean 221.1
RMS 31.85
Underflow 0
Overflow 2.855e+04
Integral 1.343e+05
All PMTs: TADC2
HTADC2All
Entries 162817
Mean 119.9
RMS 41.23
Underflow 0
Overflow 2053
Integral 1.608e+05
All PMTs: TADC3
HTADC3All
Entries 162817
Mean 238.7
RMS 20.46
Underflow 0
Overflow 4.972e+04
Integral 1.131e+05
0 50 100 150 200 250

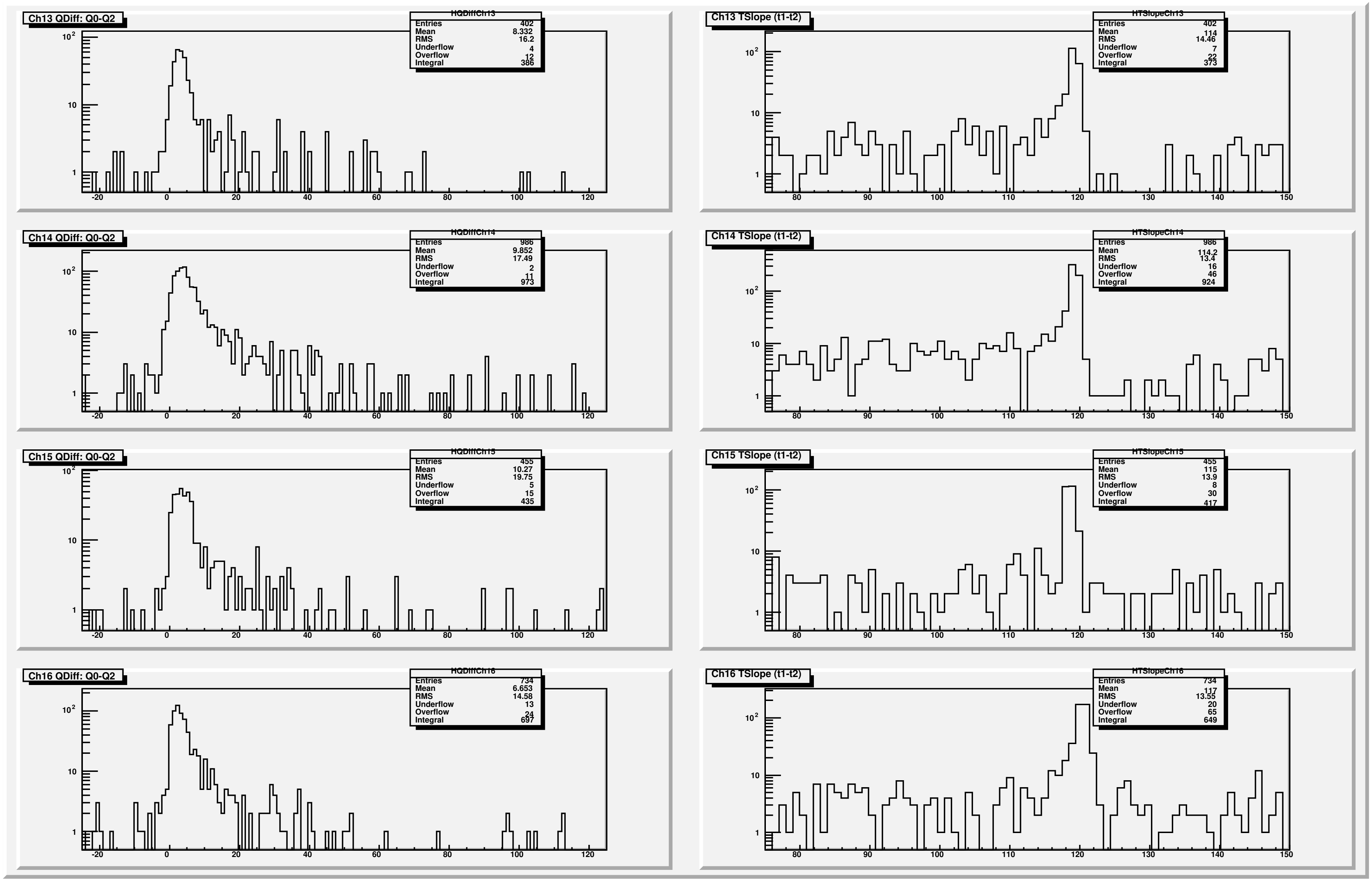


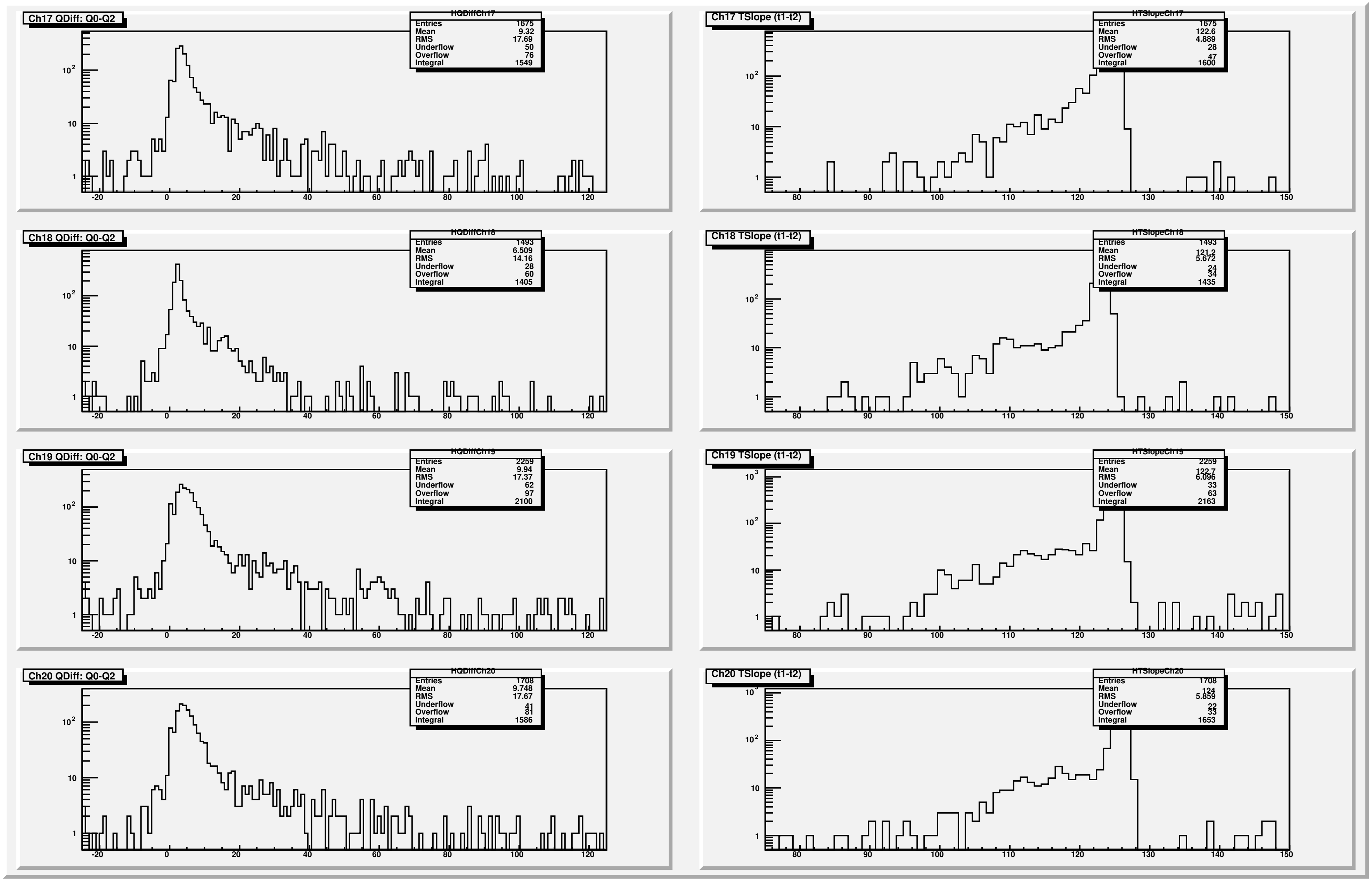
Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 307
Mean 4.319
RMS 10.6
Underflow 1
Overflow 2
Integral 304
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 307
Mean 117.2
RMS 5.915
Underflow 1
Overflow 6
Integral 300
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 2139
Mean 9.523
RMS 17.07
Underflow 47
Overflow 84
Integral 2008
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 2139
Mean 115.4
RMS 5.307
Underflow 49
Overflow 46
Integral 2044
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 2733
Mean 5.469
RMS 12.15
Underflow 52
Overflow 66
Integral 2615
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 2733
Mean 116.1
RMS 5.471
Underflow 16
Overflow 46
Integral 2671
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 1443
Mean 7.995
RMS 15.14
Underflow 33
Overflow 51
Integral 1359
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 1443
Mean 116.7
RMS 5.217
Underflow 19
Overflow 18
Integral 1406


Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 455
Mean 10.83
RMS 17.79
Underflow 10
Overflow 19
Integral 426
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 455
Mean 116.1
RMS 6.323
Underflow 10
Overflow 6
Integral 439
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 2203
Mean 5.464
RMS 9.959
Underflow 6
Overflow 14
Integral 2183
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 2203
Mean 117.3
RMS 4.816
Underflow 18
Overflow 52
Integral 2133
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 1444
Mean 9.579
RMS 16.27
Underflow 13
Overflow 38
Integral 1393
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 1444
Mean 115.4
RMS 4.881
Underflow 12
Overflow 23
Integral 1409
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 1483
Mean 8.6
RMS 16.58
Underflow 24
Overflow 50
Integral 1409
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 1483
Mean 117.1
RMS 4.615
Underflow 42
Overflow 41
Integral 1400

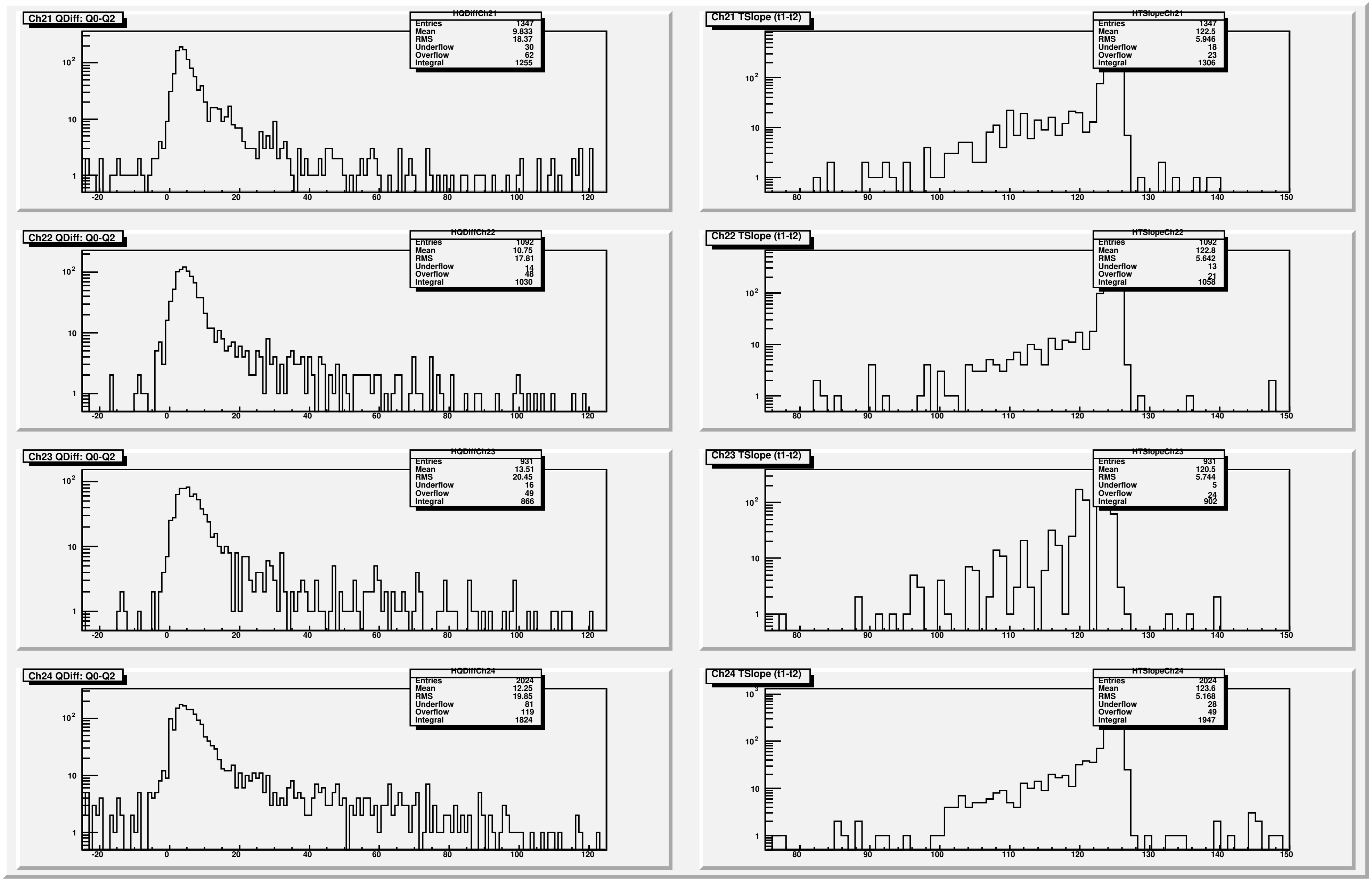


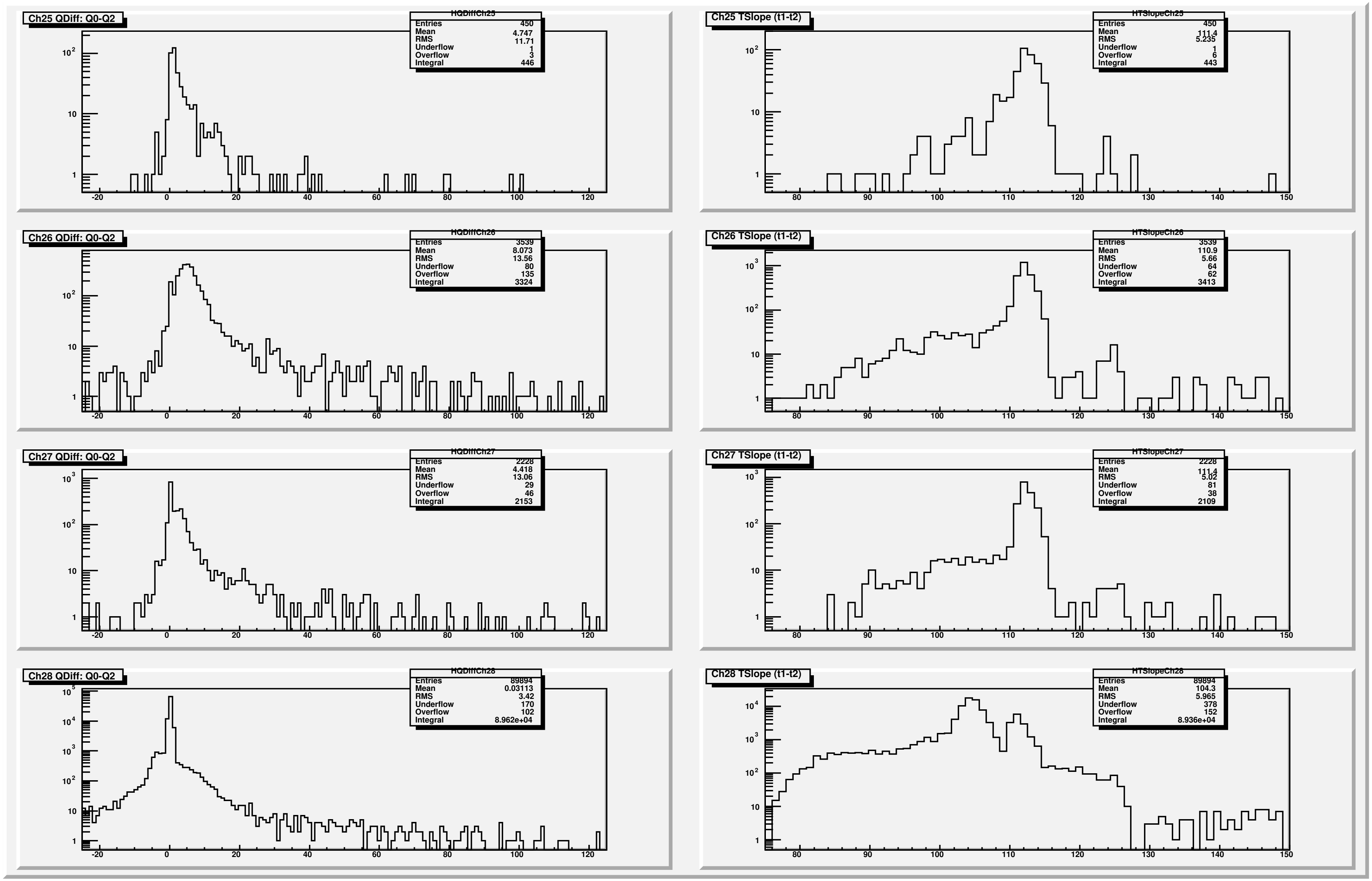
Ch9 QDiff: Q0-Q2
HQDiffCh9
Entries 299
Mean 6.676
RMS 13.55
Underflow 2
Overflow 10
Integral 287
Ch9 TSlope (t1-t2)
HTSlopeCh9
Entries 299
Mean 105.9
RMS 16.74
Underflow 5
Overflow 13
Integral 281
Ch10 QDiff: Q0-Q2
HQDiffCh10
Entries 726
Mean 5.917
RMS 12.4
Underflow 14
Overflow 17
Integral 695
Ch10 TSlope (t1-t2)
HTSlopeCh10
Entries 726
Mean 110.7
RMS 16.21
Underflow 14
Overflow 42
Integral 670
Ch11 QDiff: Q0-Q2
HQDiffCh11
Entries 496
Mean 7.517
RMS 15.73
Underflow 7
Overflow 13
Integral 476
Ch11 TSlope (t1-t2)
HTSlopeCh11
Entries 496
Mean 110.8
RMS 14.96
Underflow 12
Overflow 37
Integral 447
Ch12 QDiff: Q0-Q2
HQDiffCh12
Entries 495
Mean 4.985
RMS 11.37
Underflow 7
Overflow 12
Integral 476
Ch12 TSlope (t1-t2)
HTSlopeCh12
Entries 495
Mean 111.4
RMS 15.36
Underflow 15
Overflow 43
Integral 437


Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 402
Mean 8.332
RMS 16.2
Underflow 4
Overflow 12
Integral 386
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 402
Mean 114
RMS 14.46
Underflow 7
Overflow 22
Integral 373
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 986
Mean 9.852
RMS 17.49
Underflow 2
Overflow 11
Integral 973
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 986
Mean 114.2
RMS 13.4
Underflow 16
Overflow 46
Integral 924
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 455
Mean 10.27
RMS 19.75
Underflow 5
Overflow 15
Integral 435
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 455
Mean 115
RMS 13.9
Underflow 8
Overflow 30
Integral 417
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 734
Mean 6.653
RMS 14.58
Underflow 13
Overflow 24
Integral 697
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 734
Mean 117
RMS 13.55
Underflow 20
Overflow 65
Integral 649

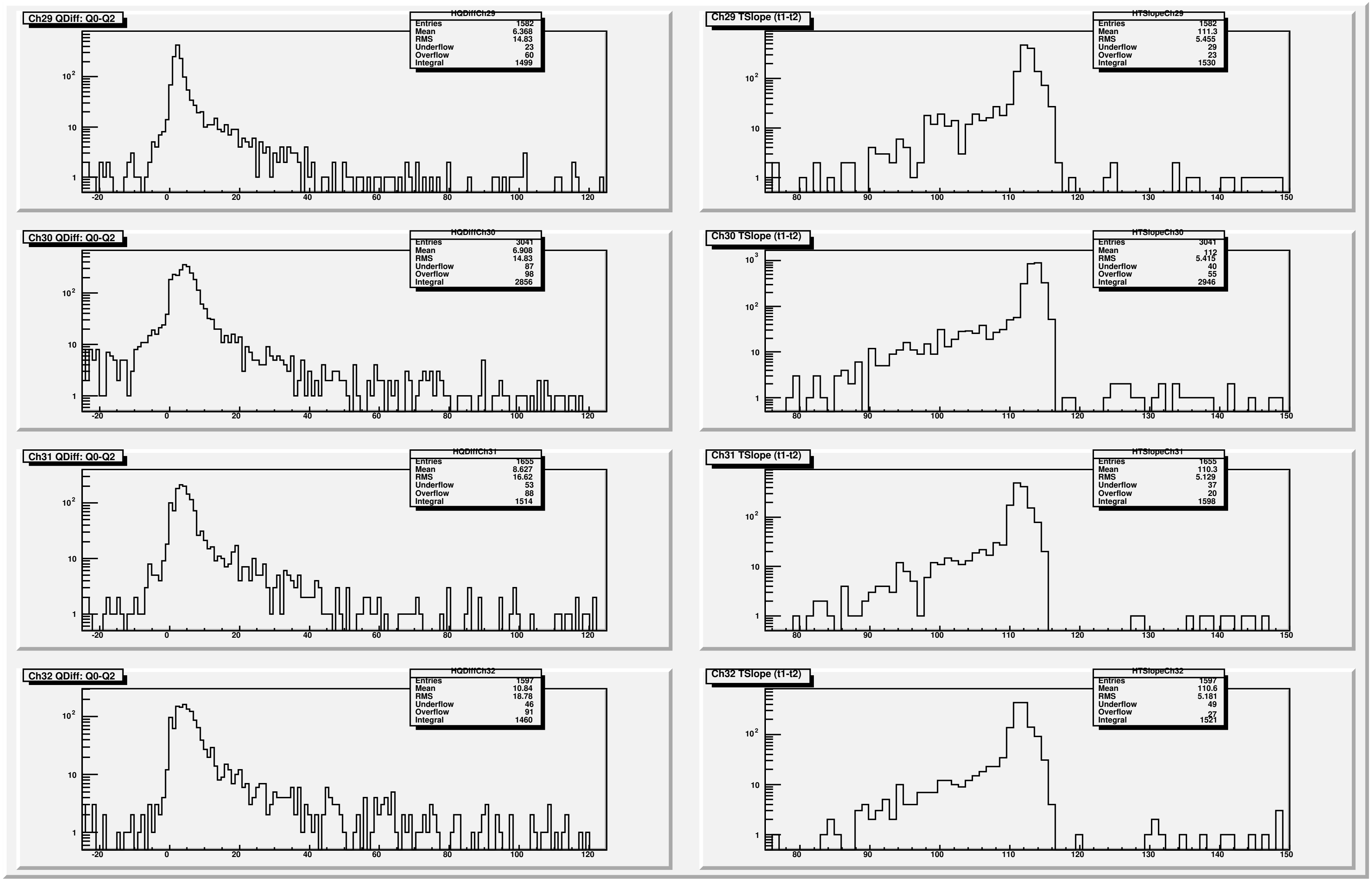


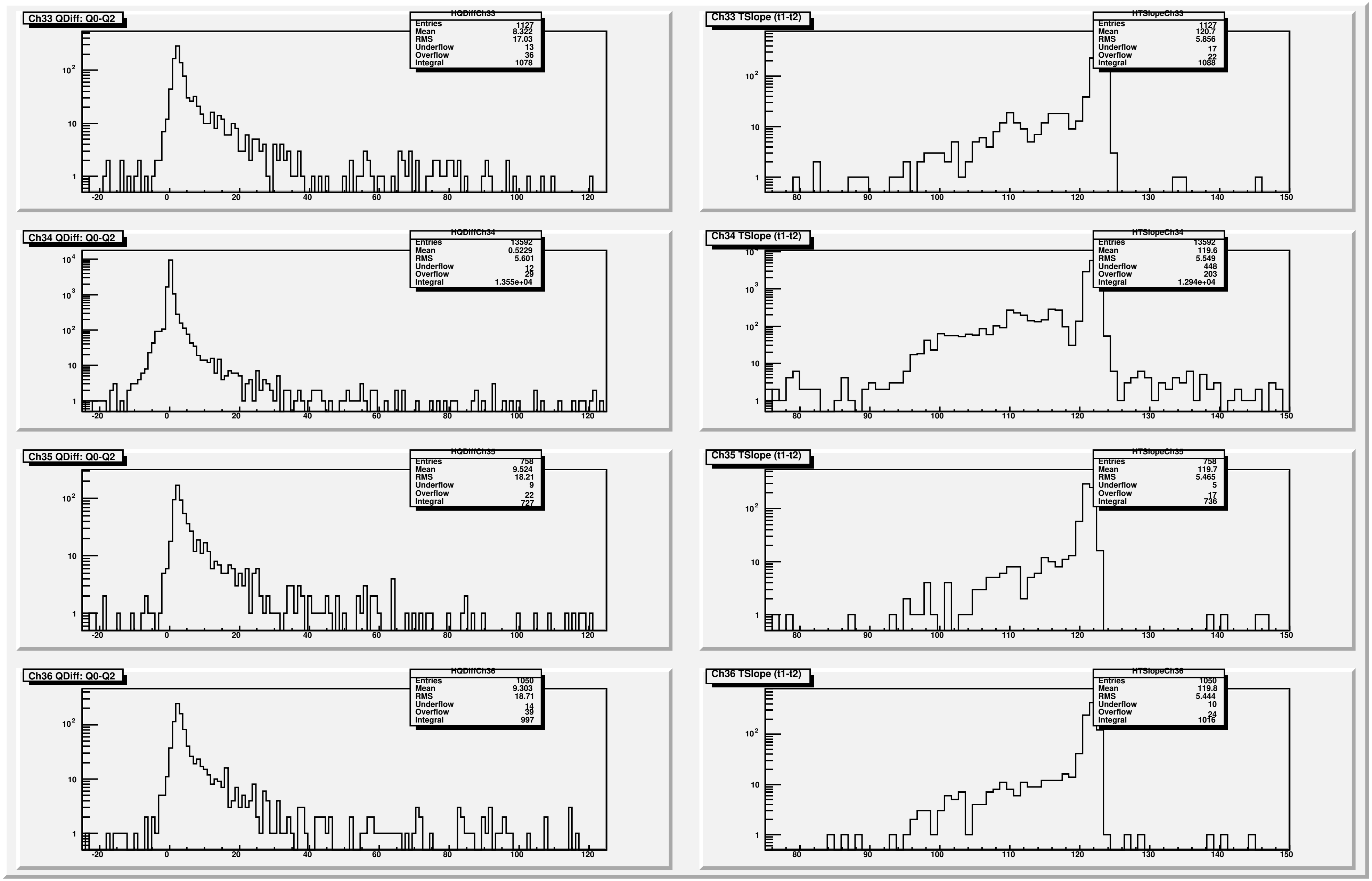
Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 1675
Mean 9.32
RMS 17.69
Underflow 50
Overflow 76
Integral 1549
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 1675
Mean 122.6
RMS 4.889
Underflow 28
Overflow 47
Integral 1600
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 1493
Mean 6.509
RMS 14.16
Underflow 28
Overflow 60
Integral 1405
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 1493
Mean 121.2
RMS 5.672
Underflow 24
Overflow 34
Integral 1435
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 2259
Mean 9.94
RMS 17.37
Underflow 62
Overflow 97
Integral 2100
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 2259
Mean 122.7
RMS 6.096
Underflow 33
Overflow 63
Integral 2163
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 1708
Mean 9.748
RMS 17.67
Underflow 41
Overflow 81
Integral 1586
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 1708
Mean 124
RMS 5.859
Underflow 22
Overflow 33
Integral 1653


Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 1347
Mean 9.833
RMS 18.37
Underflow 30
Overflow 62
Integral 1255
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 1347
Mean 122.5
RMS 5.946
Underflow 18
Overflow 23
Integral 1306
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 1092
Mean 10.75
RMS 17.81
Underflow 14
Overflow 48
Integral 1030
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 1092
Mean 122.8
RMS 5.642
Underflow 13
Overflow 21
Integral 1058
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 931
Mean 13.51
RMS 20.45
Underflow 16
Overflow 49
Integral 866
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 931
Mean 120.5
RMS 5.744
Underflow 5
Overflow 24
Integral 902
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 2024
Mean 12.25
RMS 19.85
Underflow 81
Overflow 119
Integral 1824
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 2024
Mean 123.6
RMS 5.168
Underflow 28
Overflow 49
Integral 1947

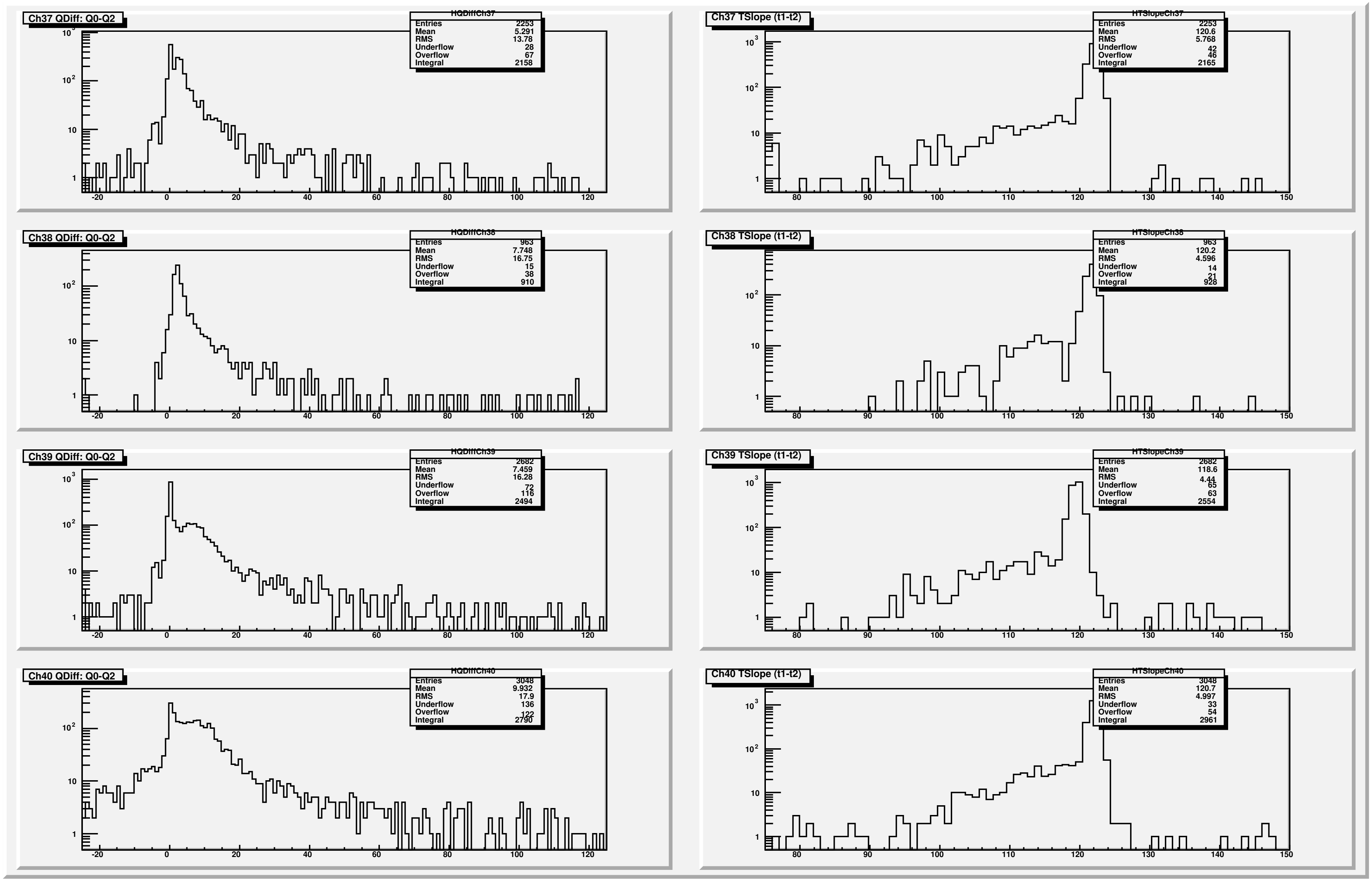


Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 450
Mean 4.747
RMS 11.71
Underflow 1
Overflow 3
Integral 446
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 450
Mean 111.4
RMS 5.235
Underflow 1
Overflow 6
Integral 443
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 3539
Mean 8.073
RMS 13.56
Underflow 80
Overflow 135
Integral 3324
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 3539
Mean 110.9
RMS 5.66
Underflow 64
Overflow 62
Integral 3413
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 2228
Mean 4.418
RMS 13.06
Underflow 29
Overflow 46
Integral 2153
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 2228
Mean 111.4
RMS 5.02
Underflow 81
Overflow 38
Integral 2109
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 89894
Mean 0.03113
RMS 3.42
Underflow 170
Overflow 102
Integral 8.962e+04
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 89894
Mean 104.3
RMS 5.965
Underflow 378
Overflow 152
Integral 8.936e+04

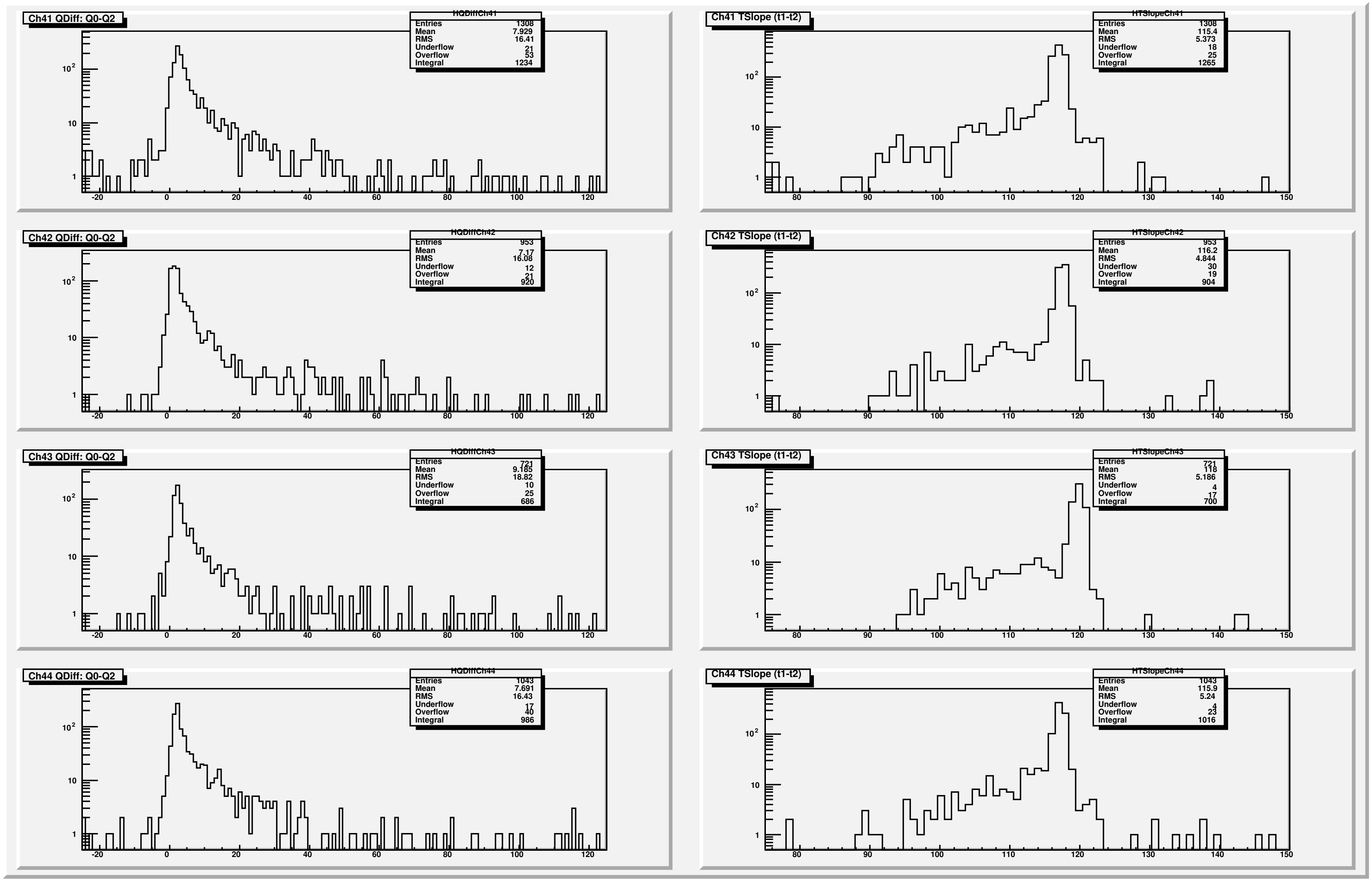

Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 1582
Mean 6.368
RMS 14.83
Underflow 23
Overflow 60
Integral 1499
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 1582
Mean 111.3
RMS 5.455
Underflow 29
Overflow 23
Integral 1530
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 3041
Mean 6.908
RMS 14.83
Underflow 87
Overflow 98
Integral 2856
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 3041
Mean 112
RMS 5.415
Underflow 40
Overflow 55
Integral 2946
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 1655
Mean 8.627
RMS 16.62
Underflow 53
Overflow 88
Integral 1514
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 1655
Mean 110.3
RMS 5.129
Underflow 37
Overflow 20
Integral 1598
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 1597
Mean 10.84
RMS 18.78
Underflow 46
Overflow 91
Integral 1460
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 1597
Mean 110.6
RMS 5.181
Underflow 49
Overflow 27
Integral 1521



Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 1127
Mean 8.322
RMS 17.03
Underflow 13
Overflow 36
Integral 1078
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 1127
Mean 120.7
RMS 5.856
Underflow 17
Overflow 22
Integral 1088
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 13592
Mean 0.5229
RMS 5.601
Underflow 12
Overflow 29
Integral 1.355e+04
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 13592
Mean 119.6
RMS 5.549
Underflow 448
Overflow 203
Integral 1.294e+04
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 758
Mean 9.524
RMS 18.21
Underflow 9
Overflow 22
Integral 727
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 758
Mean 119.7
RMS 5.465
Underflow 5
Overflow 17
Integral 736
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 1050
Mean 9.303
RMS 18.71
Underflow 14
Overflow 39
Integral 997
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 1050
Mean 119.8
RMS 5.444
Underflow 10
Overflow 24
Integral 1016



Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 2253
Mean 5.291
RMS 13.78
Underflow 28
Overflow 67
Integral 2158
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 2253
Mean 120.6
RMS 5.768
Underflow 42
Overflow 46
Integral 2165
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 963
Mean 7.748
RMS 16.75
Underflow 15
Overflow 38
Integral 910
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 963
Mean 120.2
RMS 4.596
Underflow 14
Overflow 21
Integral 928
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 2682
Mean 7.459
RMS 16.28
Underflow 72
Overflow 116
Integral 2494
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 2682
Mean 118.6
RMS 4.44
Underflow 65
Overflow 63
Integral 2554
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 3048
Mean 9.932
RMS 17.9
Underflow 136
Overflow 122
Integral 2790
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 3048
Mean 120.7
RMS 4.997
Underflow 33
Overflow 54
Integral 2961


Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 1308
Mean 7.929
RMS 16.41
Underflow 21
Overflow 53
Integral 1234
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 1308
Mean 115.4
RMS 5.373
Underflow 18
Overflow 25
Integral 1265
Ch42 QDiff: Q0-Q2
HQDiffCh42
Entries 953
Mean 7.17
RMS 16.08
Underflow 12
Overflow 21
Integral 920
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 953
Mean 116.2
RMS 4.844
Underflow 30
Overflow 19
Integral 904
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 721
Mean 9.185
RMS 18.82
Underflow 10
Overflow 25
Integral 686
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 721
Mean 118
RMS 5.186
Underflow 4
Overflow 17
Integral 700
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 1043
Mean 7.691
RMS 16.43
Underflow 17
Overflow 40
Integral 986
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 1043
Mean 115.9
RMS 5.24
Underflow 4
Overflow 23
Integral 1016