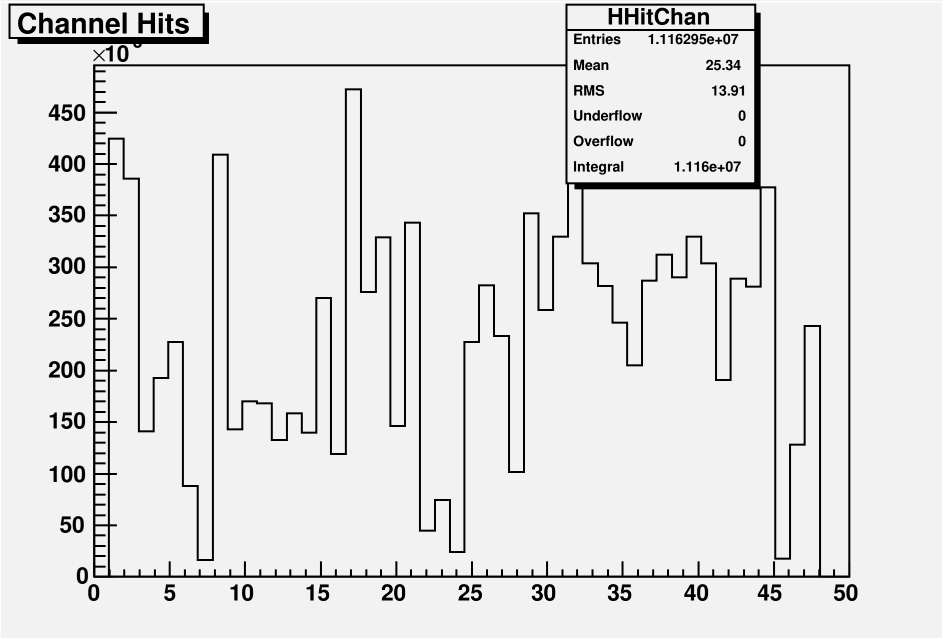
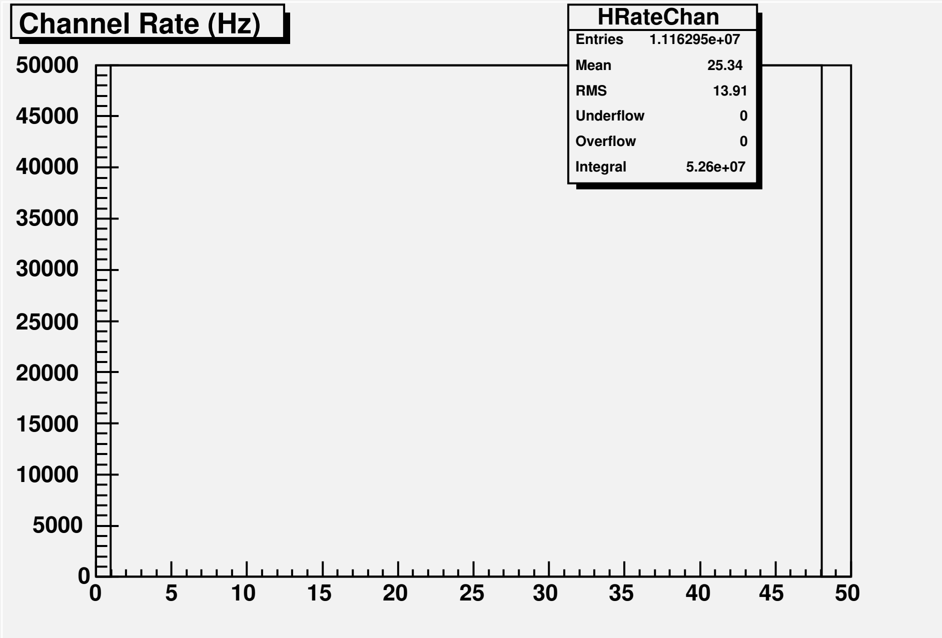
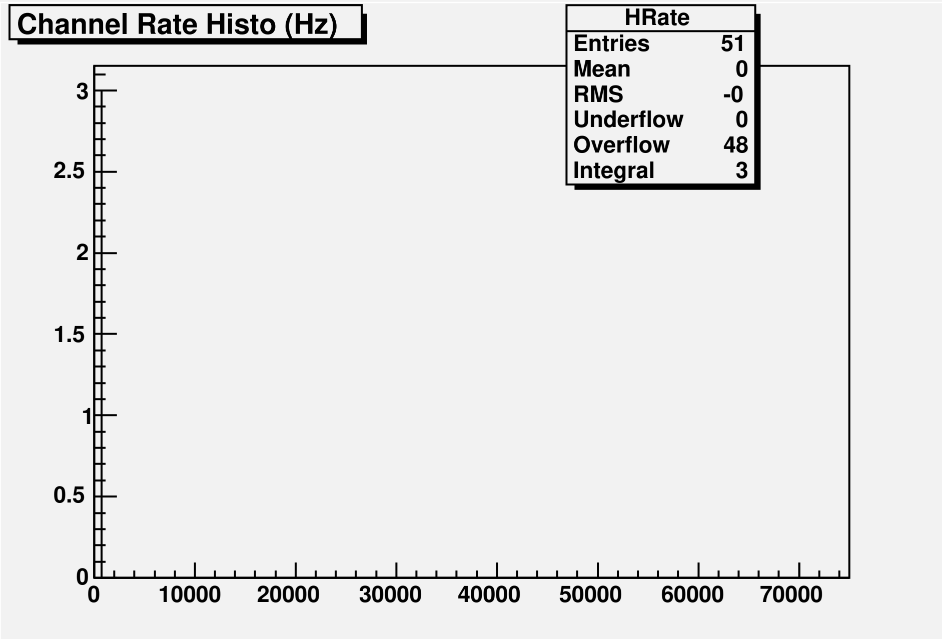
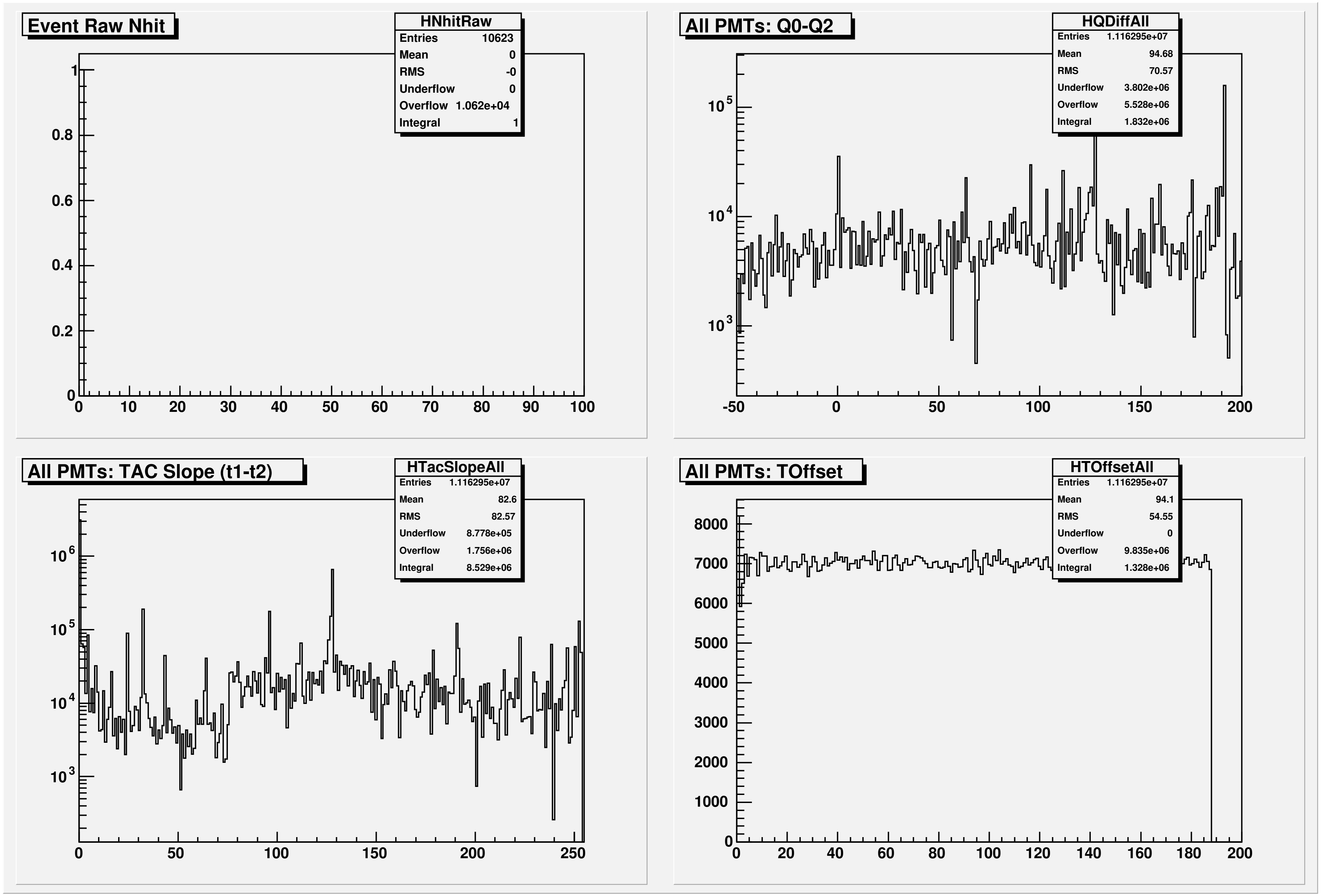
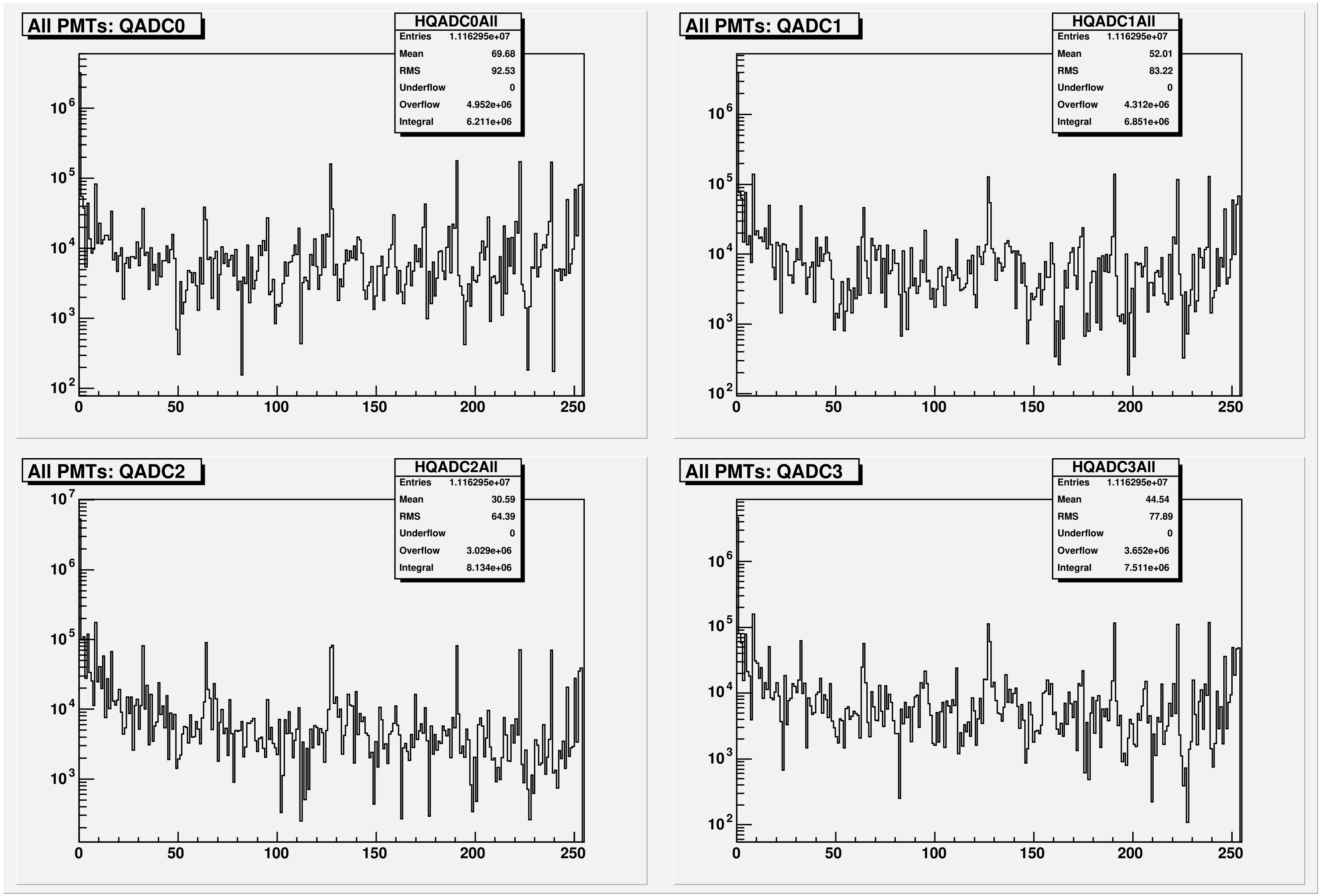
RUN: VlandCF252 Run11630

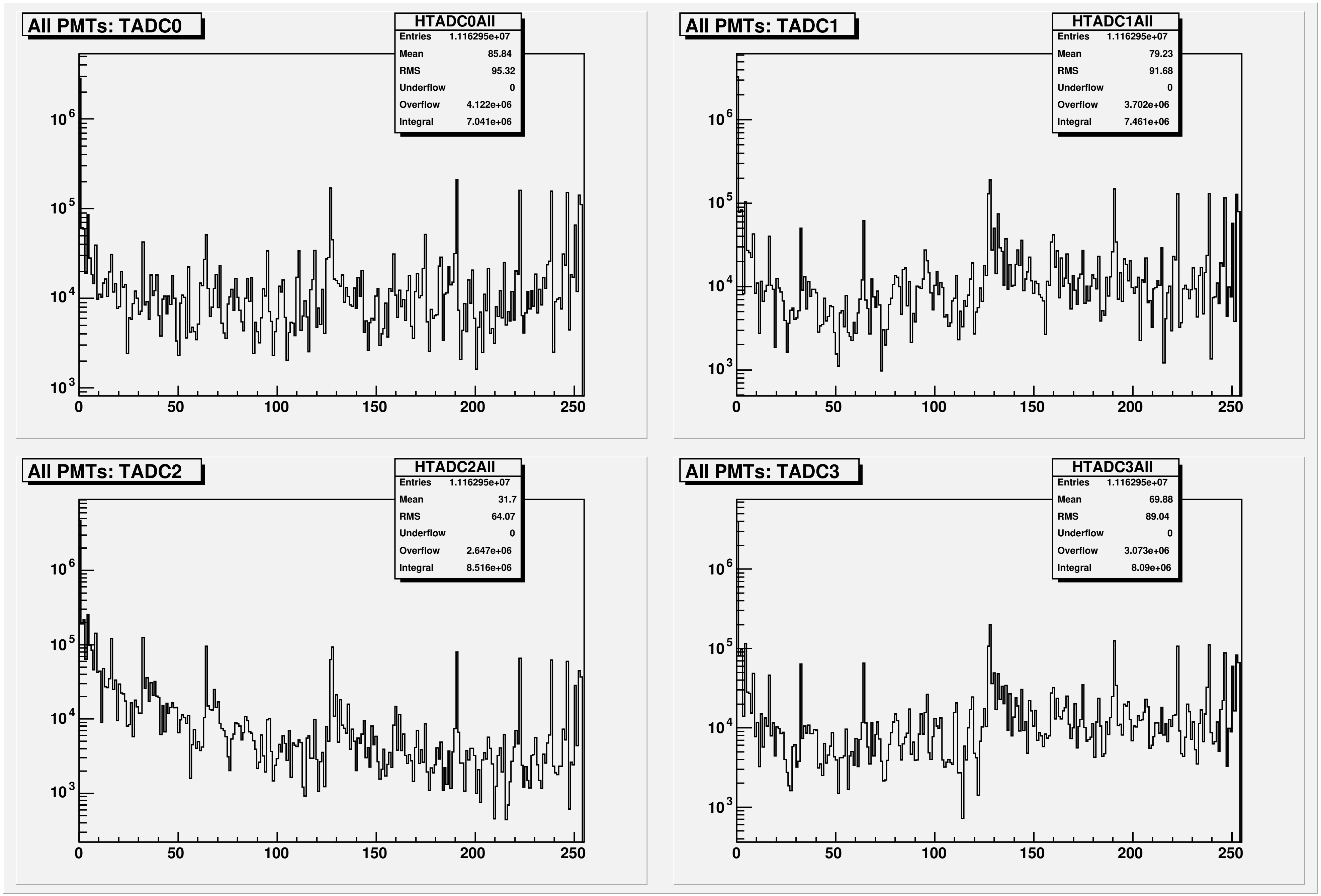

Channel Hits
HHitChan
Entries 1.116295e+07
Mean 25.34
RMS 13.91
Underflow 0
Overflow 0
Integral 1.116e+07
×10³
0 50 100 150 200 250 300 350 400 450
0 5 10 15 20 25 30 35 40 45 50

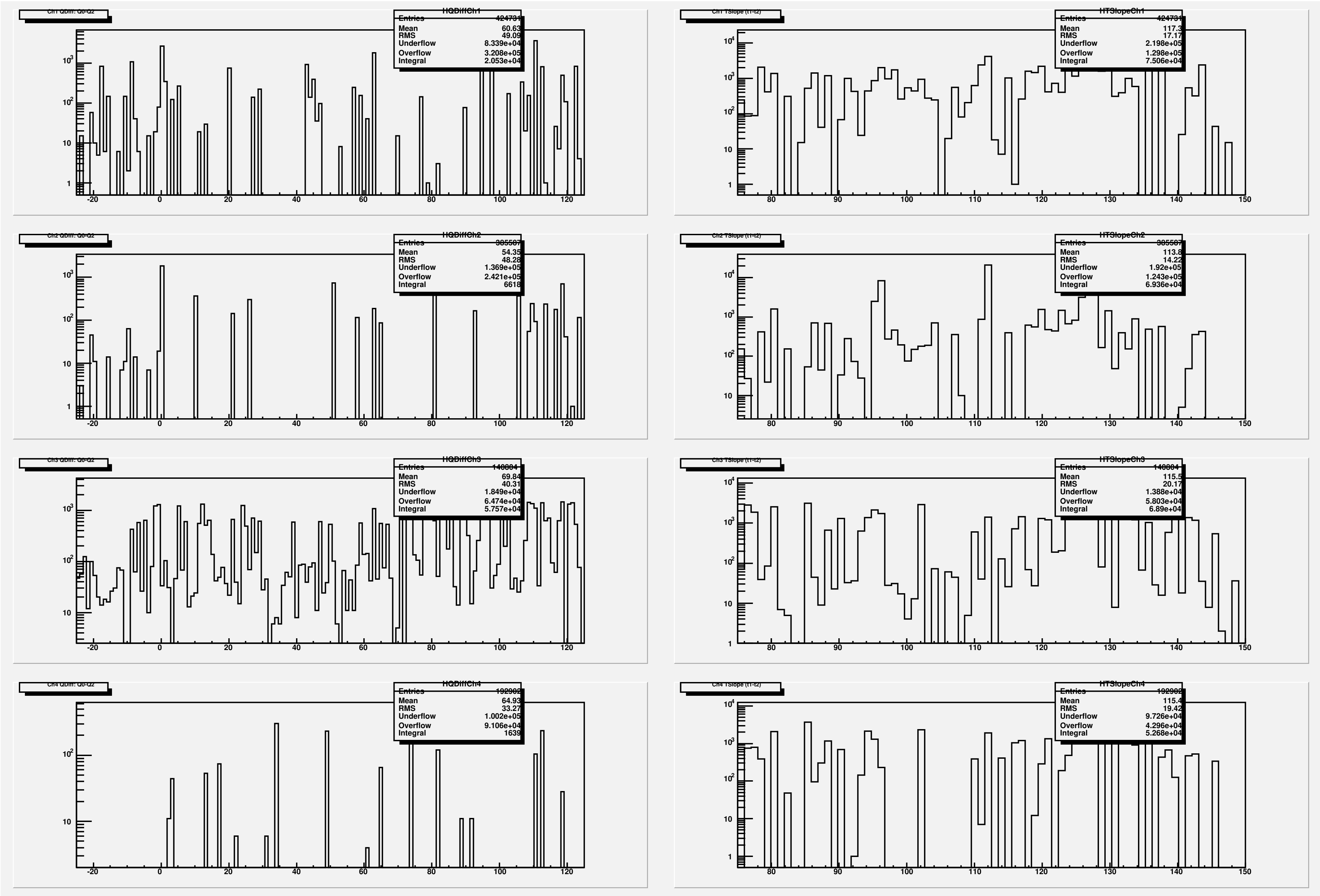

Channel Rate (Hz)
HRateChan
Entries 1.116295e+07
Mean 25.34
RMS 13.91
Underflow 0
Overflow 0
Integral 5.26e+07
0 5000 10000 15000 20000 25000 30000 35000 40000 45000 50000
0 5 10 15 20 25 30 35 40 45 50

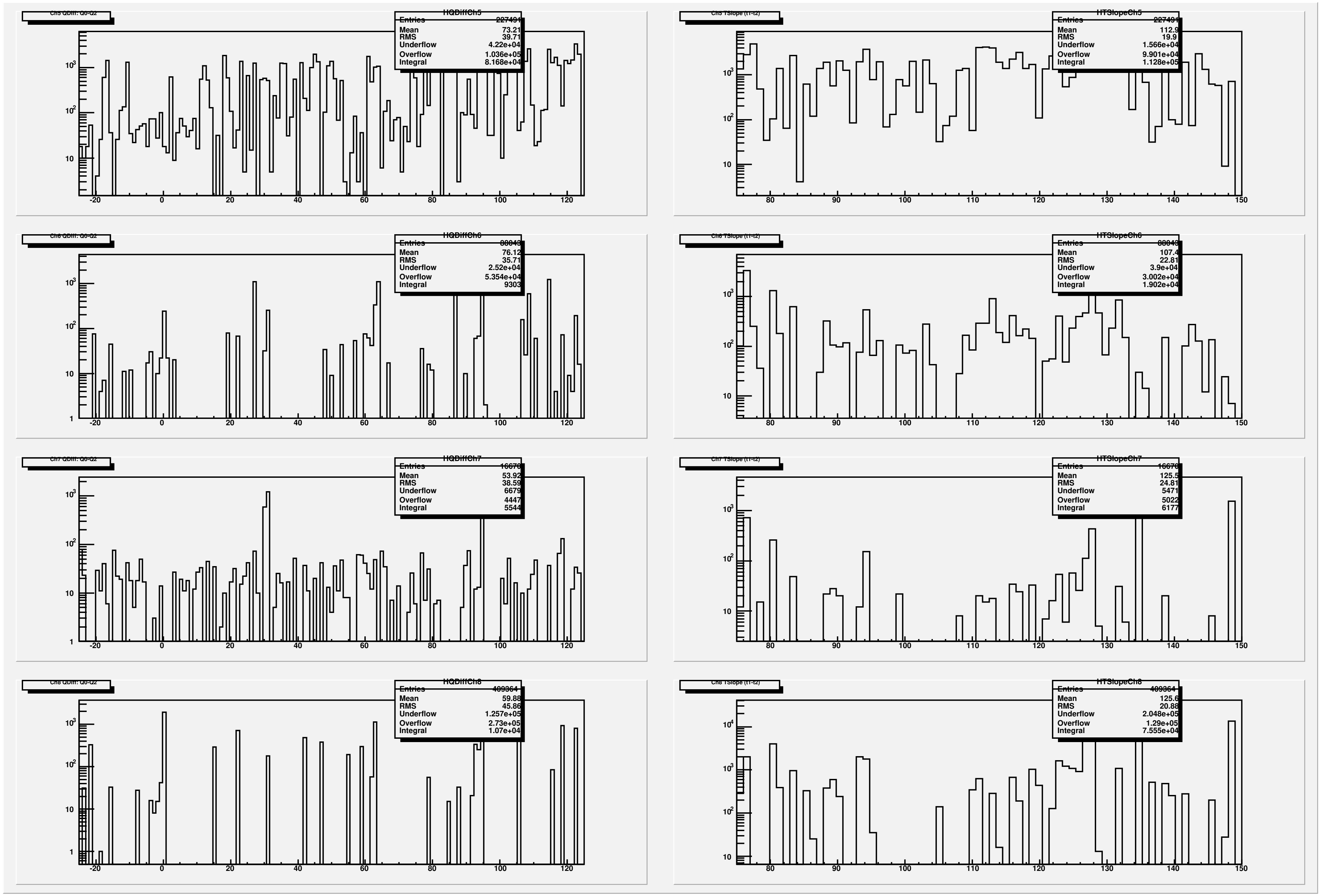

Channel Rate Histo (Hz)
HRate
Entries 51
Mean 0
RMS -0
Underflow 0
Overflow 48
Integral 3
0 0.5 1 1.5 2 2.5 3
0 10000 20000 30000 40000 50000 60000 70000

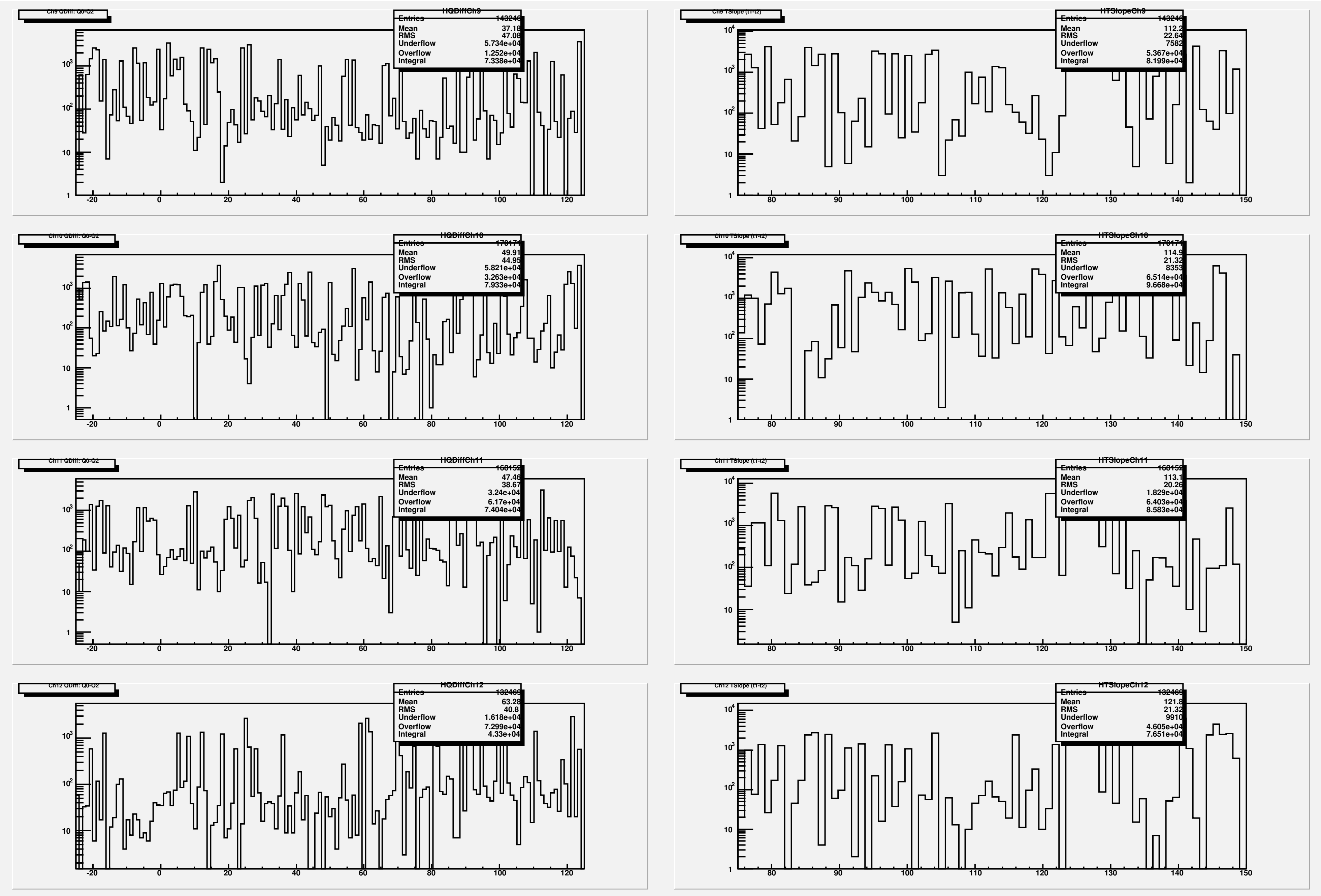

Event Raw Nhit
HNhitRaw
Entries 10623
Mean 0
RMS -0
Underflow 0
Overflow 1.062e+04
Integral 1
All PMTs: Q0-Q2
HQDiffAll
Entries 1.116295e+07
Mean 94.68
RMS 70.57
Underflow 3.802e+06
Overflow 5.528e+06
Integral 1.832e+06
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 1.116295e+07
Mean 82.6
RMS 82.57
Underflow 8.778e+05
Overflow 1.756e+06
Integral 8.529e+06
All PMTs: TOffset
HTOffsetAll
Entries 1.116295e+07
Mean 94.1
RMS 54.55
Underflow 0
Overflow 9.835e+06
Integral 1.328e+06


All PMTs: QADC0
HQADC0All
Entries 1.116295e+07
Mean 69.68
RMS 92.53
Underflow 0
Overflow 4.952e+06
Integral 6.211e+06
All PMTs: QADC1
HQADC1All
Entries 1.116295e+07
Mean 52.01
RMS 83.22
Underflow 0
Overflow 4.312e+06
Integral 6.851e+06
All PMTs: QADC2
HQADC2All
Entries 1.116295e+07
Mean 30.59
RMS 64.39
Underflow 0
Overflow 3.029e+06
Integral 8.134e+06
All PMTs: QADC3
HQADC3All
Entries 1.116295e+07
Mean 44.54
RMS 77.89
Underflow 0
Overflow 3.652e+06
Integral 7.511e+06

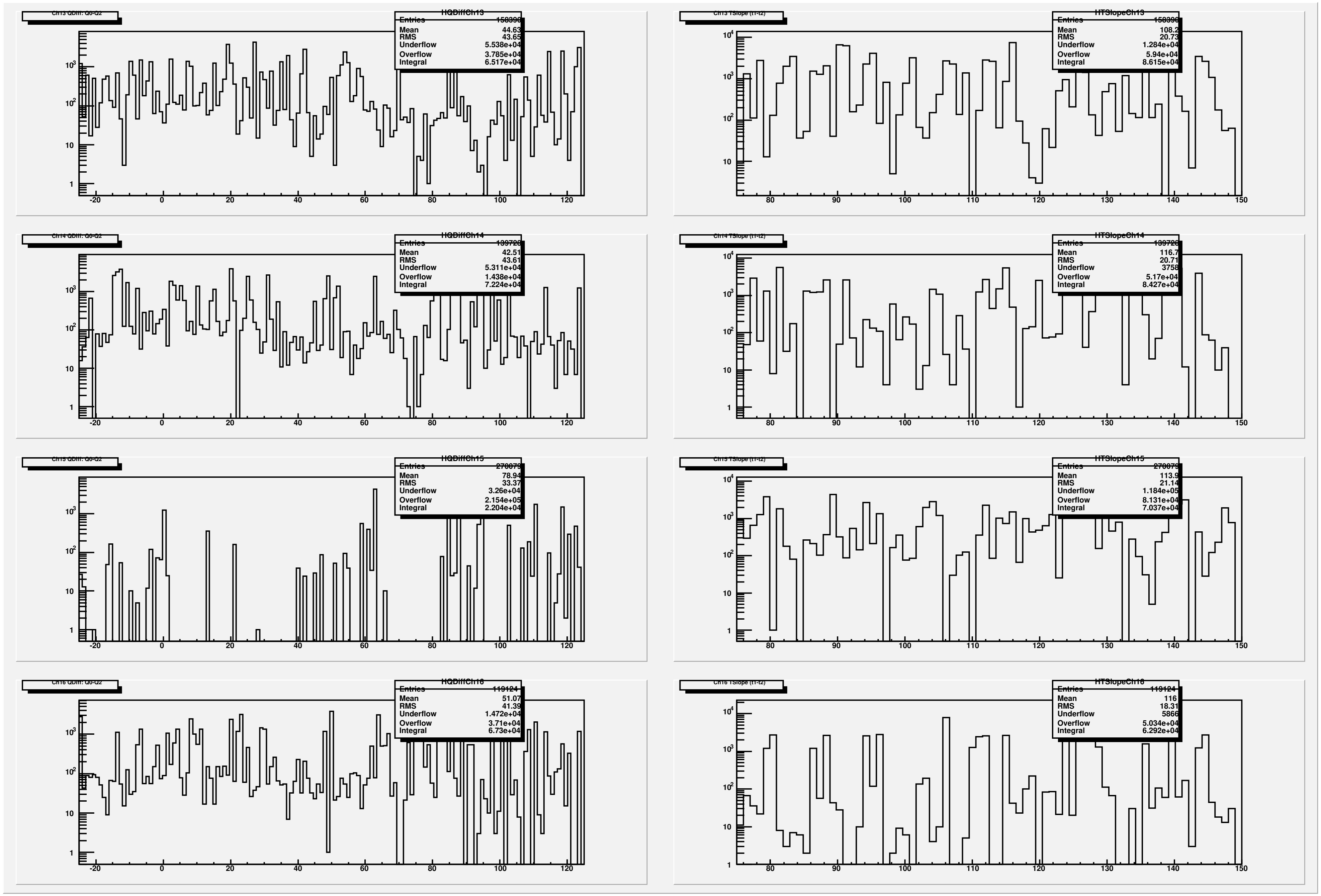

All PMTs: TADC0
HTADC0All
Entries 1.116295e+07
Mean 85.84
RMS 95.32
Underflow 0
Overflow 4.122e+06
Integral 7.041e+06
All PMTs: TADC1
HTADC1All
Entries 1.116295e+07
Mean 79.23
RMS 91.68
Underflow 0
Overflow 3.702e+06
Integral 7.461e+06
All PMTs: TADC2
HTADC2All
Entries 1.116295e+07
Mean 31.7
RMS 64.07
Underflow 0
Overflow 2.647e+06
Integral 8.516e+06
All PMTs: TADC3
HTADC3All
Entries 1.116295e+07
Mean 69.88
RMS 89.04
Underflow 0
Overflow 3.073e+06
Integral 8.09e+06
10^3
10^4
10^5
10^6
0
50
100
150
200
250

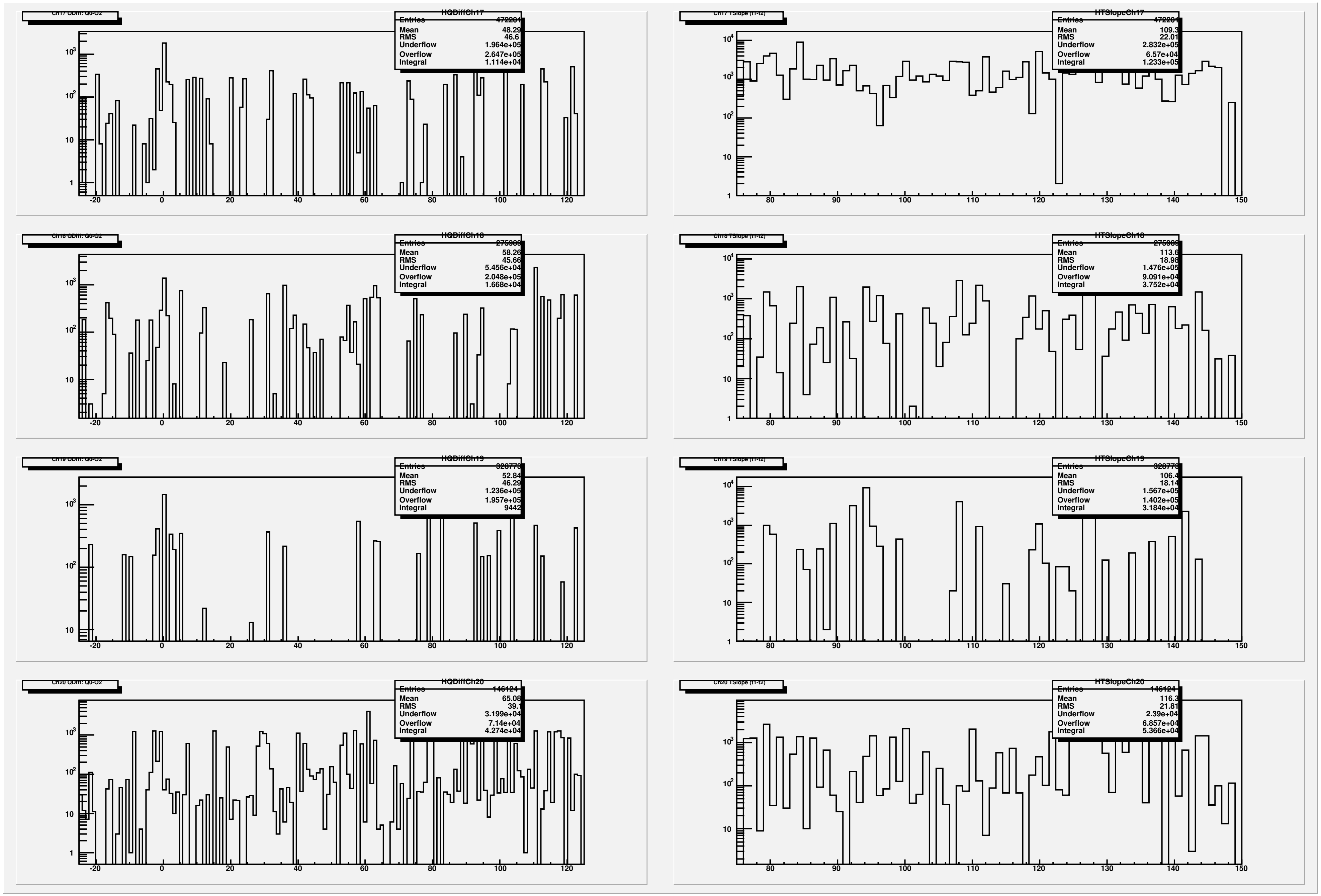

Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 424731
Mean 60.63
RMS 49.09
Underflow 8.339e+04
Overflow 3.208e+05
Integral 2.053e+04
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 424731
Mean 117.3
RMS 17.17
Underflow 2.198e+05
Overflow 1.298e+05
Integral 7.506e+04
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 385587
Mean 54.35
RMS 48.28
Underflow 1.369e+05
Overflow 2.421e+05
Integral 6618
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 385587
Mean 113.8
RMS 14.22
Underflow 1.92e+05
Overflow 1.243e+05
Integral 6.936e+04
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 140004
Mean 69.84
RMS 40.31
Underflow 1.849e+04
Overflow 6.474e+04
Integral 5.757e+04
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 140004
Mean 115.5
RMS 20.17
Underflow 1.388e+04
Overflow 5.803e+04
Integral 6.89e+04
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 192902
Mean 64.93
RMS 33.27
Underflow 1.002e+05
Overflow 9.106e+04
Integral 1639
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 192902
Mean 115.4
RMS 19.42
Underflow 9.726e+04
Overflow 4.296e+04
Integral 5.268e+04


Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 227491
Mean 73.21
RMS 39.71
Underflow 4.22e+04
Overflow 1.036e+05
Integral 8.168e+04
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 227491
Mean 112.9
RMS 19.9
Underflow 1.566e+04
Overflow 9.901e+04
Integral 1.128e+05
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 88043
Mean 76.12
RMS 35.71
Underflow 2.52e+04
Overflow 5.354e+04
Integral 9303
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 88043
Mean 107.4
RMS 22.81
Underflow 3.9e+04
Overflow 3.002e+04
Integral 1.902e+04
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 16676
Mean 53.92
RMS 38.59
Underflow 6679
Overflow 4447
Integral 5544
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 16676
Mean 125.5
RMS 24.81
Underflow 5471
Overflow 5022
Integral 6177
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 409364
Mean 59.88
RMS 45.86
Underflow 1.257e+05
Overflow 2.73e+05
Integral 1.07e+04
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 409364
Mean 125.6
RMS 20.88
Underflow 2.048e+05
Overflow 1.29e+05
Integral 7.555e+04

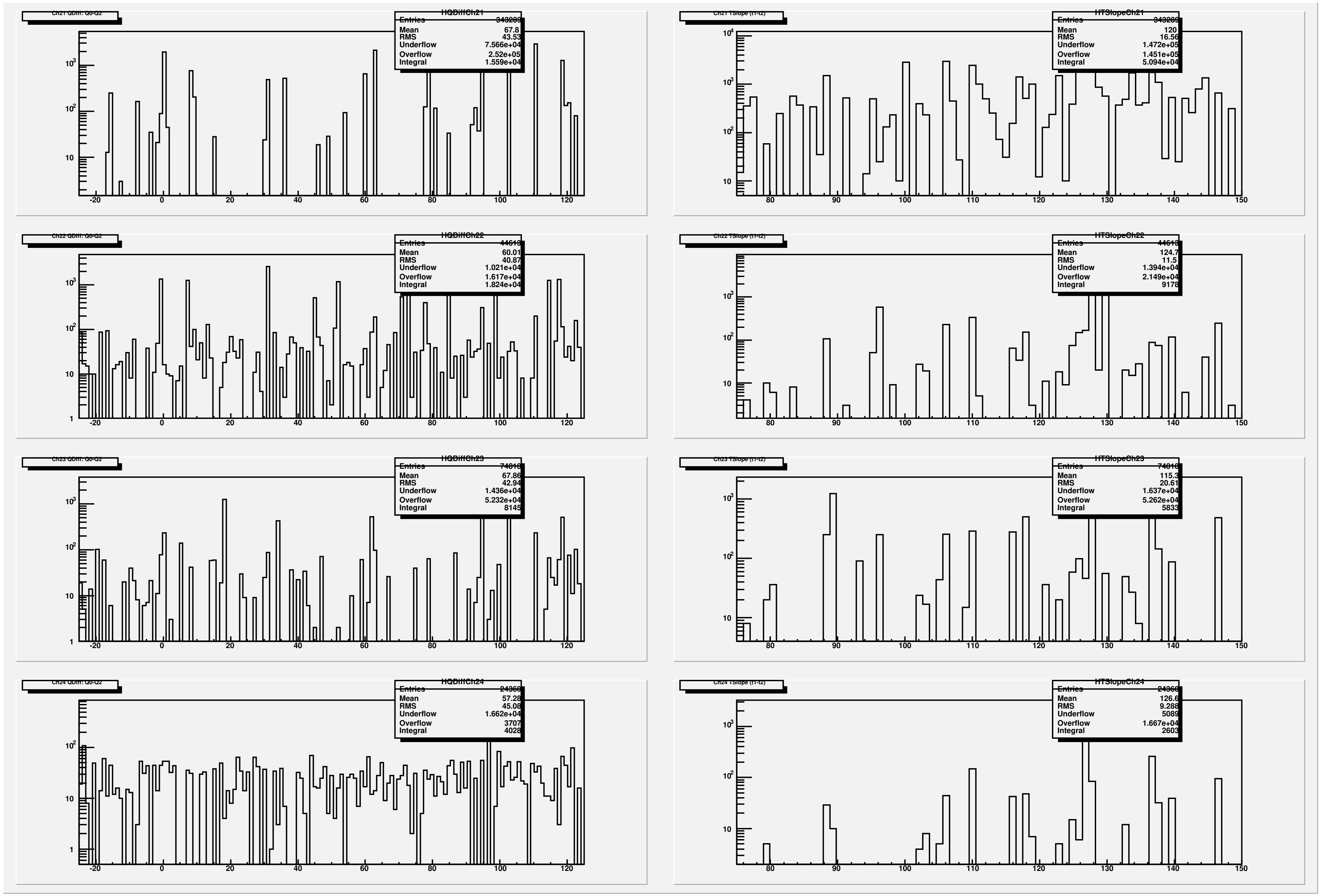


HQDiffCh9
Entries 143246
Mean 37.18
RMS 47.08
Underflow 5.734e+04
Overflow 1.252e+04
Integral 7.338e+04
HTSlopeCh9
Entries 143246
Mean 112.2
RMS 22.64
Underflow 7582
Overflow 5.367e+04
Integral 8.199e+04
HQDiffCh10
Entries 170171
Mean 49.91
RMS 44.95
Underflow 5.821e+04
Overflow 3.263e+04
Integral 7.933e+04
HTSlopeCh10
Entries 170171
Mean 114.9
RMS 21.32
Underflow 8353
Overflow 6.514e+04
Integral 9.668e+04
HQDiffCh11
Entries 160152
Mean 47.46
RMS 38.67
Underflow 3.24e+04
Overflow 6.17e+04
Integral 7.404e+04
HTSlopeCh11
Entries 160152
Mean 113.1
RMS 20.26
Underflow 1.829e+04
Overflow 6.403e+04
Integral 8.583e+04
HQDiffCh12
Entries 132469
Mean 63.28
RMS 40.8
Underflow 1.618e+04
Overflow 7.299e+04
Integral 4.33e+04
HTSlopeCh12
Entries 132469
Mean 121.8
RMS 21.32
Underflow 9910
Overflow 4.605e+04
Integral 7.651e+04

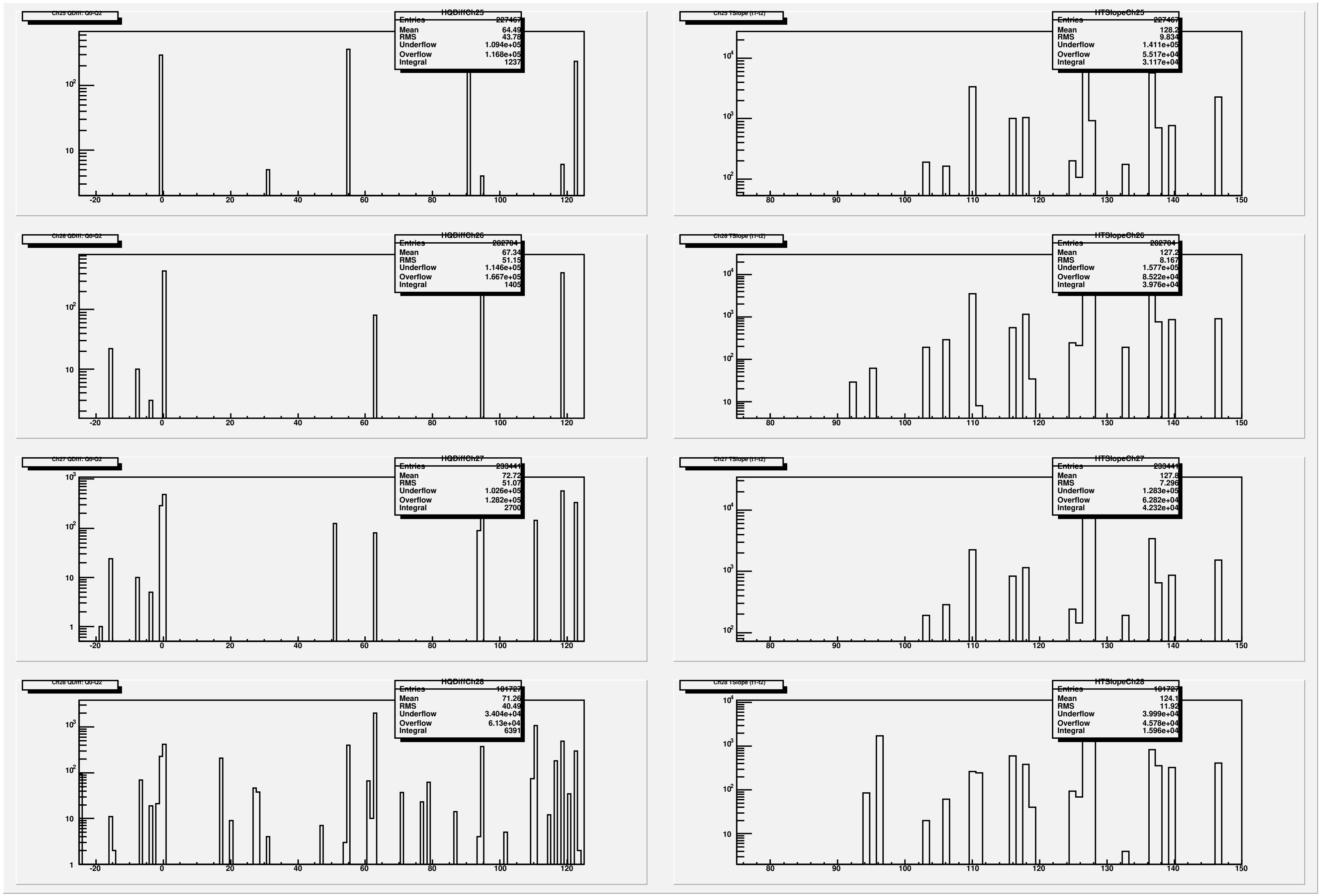

HQDiffCh13
Entries 158396
Mean 44.63
RMS 43.65
Underflow 5.538e+04
Overflow 3.785e+04
Integral 6.517e+04
HTSlopeCh13
Entries 158396
Mean 108.2
RMS 20.73
Underflow 1.284e+04
Overflow 5.94e+04
Integral 8.615e+04
HQDiffCh14
Entries 139728
Mean 42.51
RMS 43.61
Underflow 5.311e+04
Overflow 1.438e+04
Integral 7.224e+04
HTSlopeCh14
Entries 139728
Mean 116.7
RMS 20.71
Underflow 3758
Overflow 5.17e+04
Integral 8.427e+04
HQDiffCh15
Entries 270079
Mean 78.94
RMS 33.37
Underflow 3.26e+04
Overflow 2.154e+05
Integral 2.204e+04
HTSlopeCh15
Entries 270079
Mean 113.9
RMS 21.14
Underflow 1.184e+05
Overflow 8.131e+04
Integral 7.037e+04
HQDiffCh16
Entries 119124
Mean 51.07
RMS 41.39
Underflow 1.472e+04
Overflow 3.71e+04
Integral 6.73e+04
HTSlopeCh16
Entries 119124
Mean 116
RMS 18.31
Underflow 5866
Overflow 5.034e+04
Integral 6.292e+04



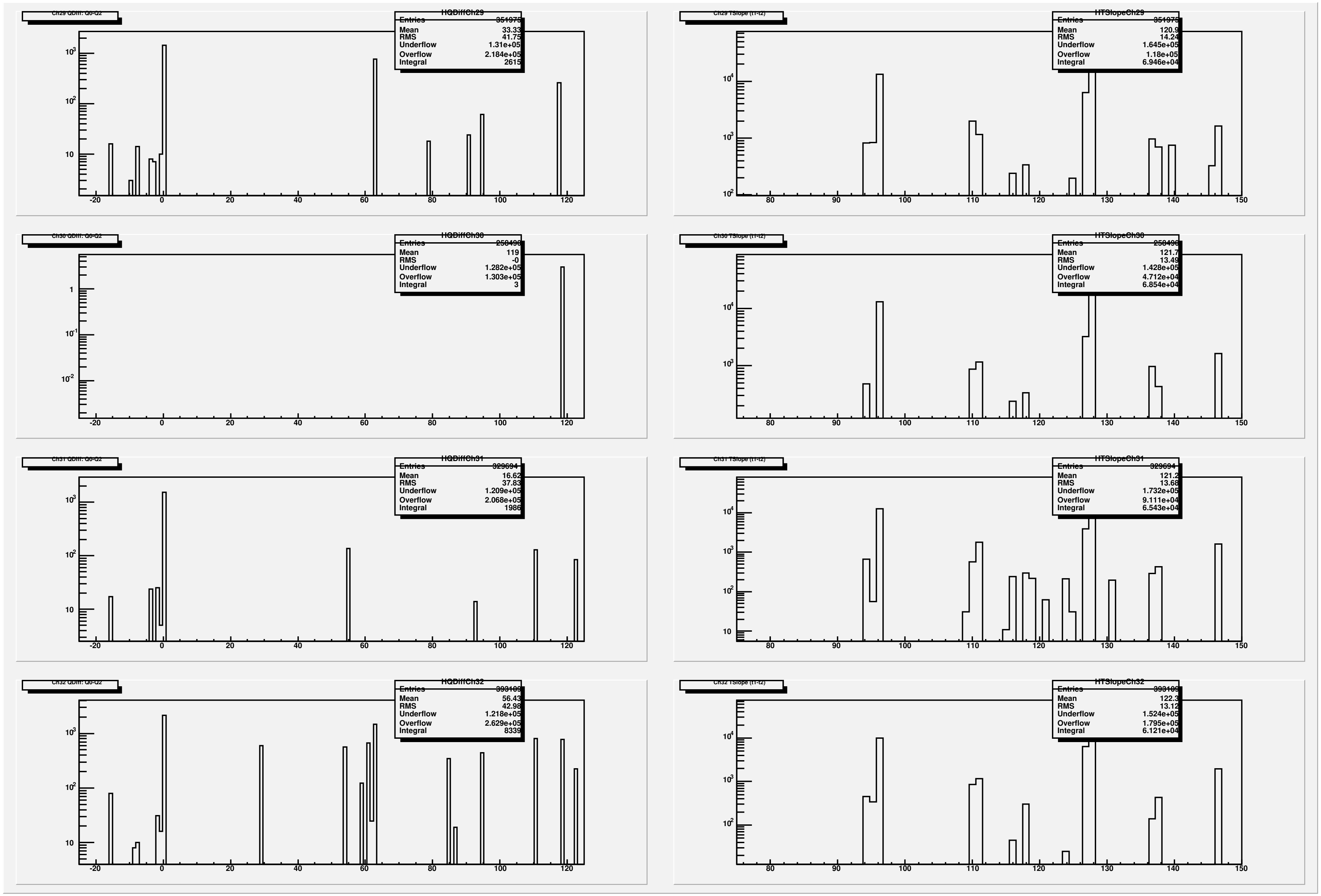
HQDiffCh17
Entries 472201
Mean 48.29
RMS 46.6
Underflow 1.964e+05
Overflow 2.647e+05
Integral 1.114e+04
HTSlopeCh17
Entries 472201
Mean 109.3
RMS 22.01
Underflow 2.832e+05
Overflow 6.57e+04
Integral 1.233e+05
HQDiffCh18
Entries 275989
Mean 58.26
RMS 45.66
Underflow 5.456e+04
Overflow 2.048e+05
Integral 1.668e+04
HTSlopeCh18
Entries 275989
Mean 113.6
RMS 18.98
Underflow 1.476e+05
Overflow 9.091e+04
Integral 3.752e+04
HQDiffCh19
Entries 328773
Mean 52.84
RMS 46.29
Underflow 1.236e+05
Overflow 1.957e+05
Integral 9442
HTSlopeCh19
Entries 328773
Mean 106.4
RMS 18.14
Underflow 1.567e+05
Overflow 1.402e+05
Integral 3.184e+04
HQDiffCh20
Entries 146124
Mean 65.08
RMS 39.1
Underflow 3.199e+04
Overflow 7.14e+04
Integral 4.274e+04
HTSlopeCh20
Entries 146124
Mean 116.3
RMS 21.81
Underflow 2.39e+04
Overflow 6.857e+04
Integral 5.366e+04

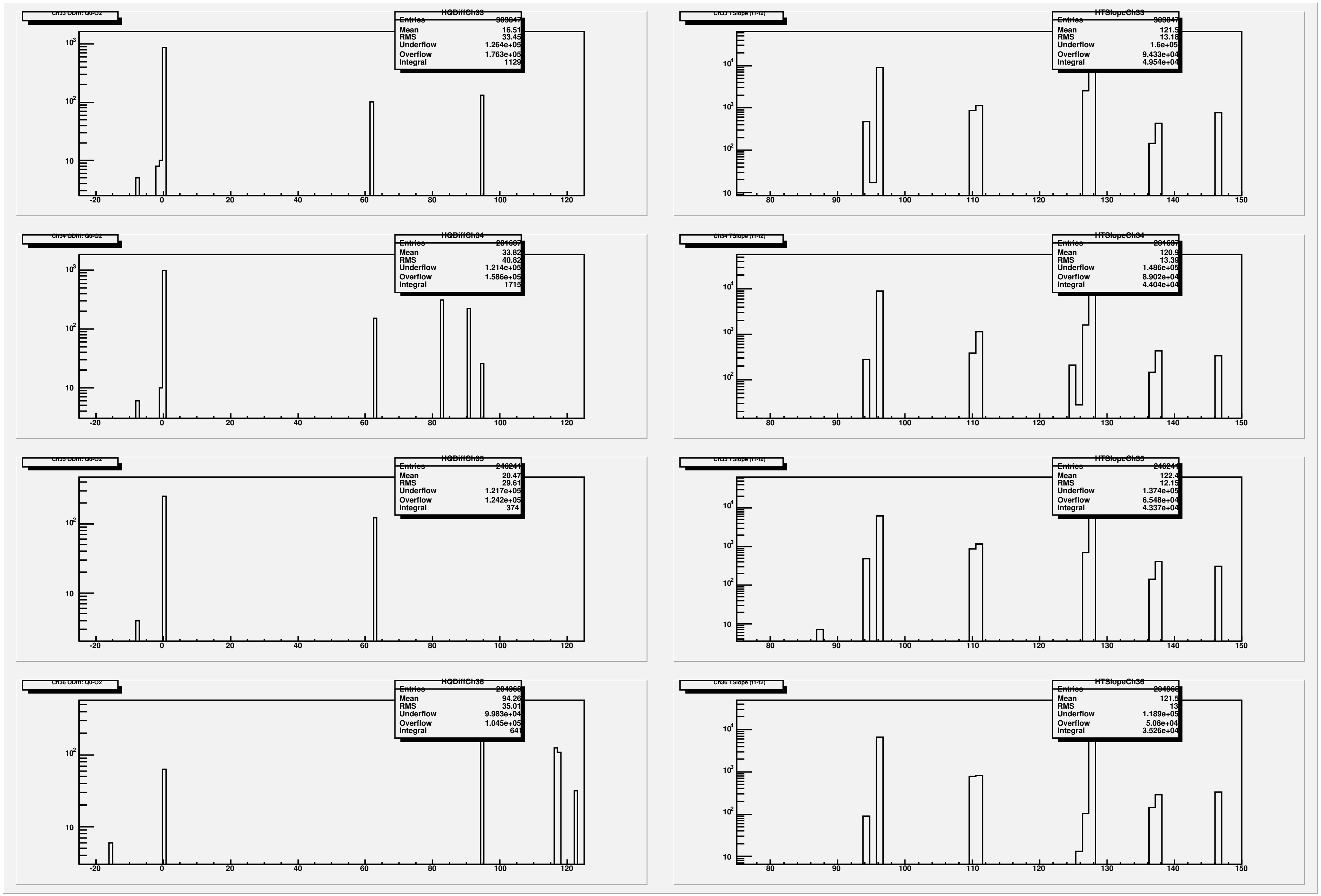


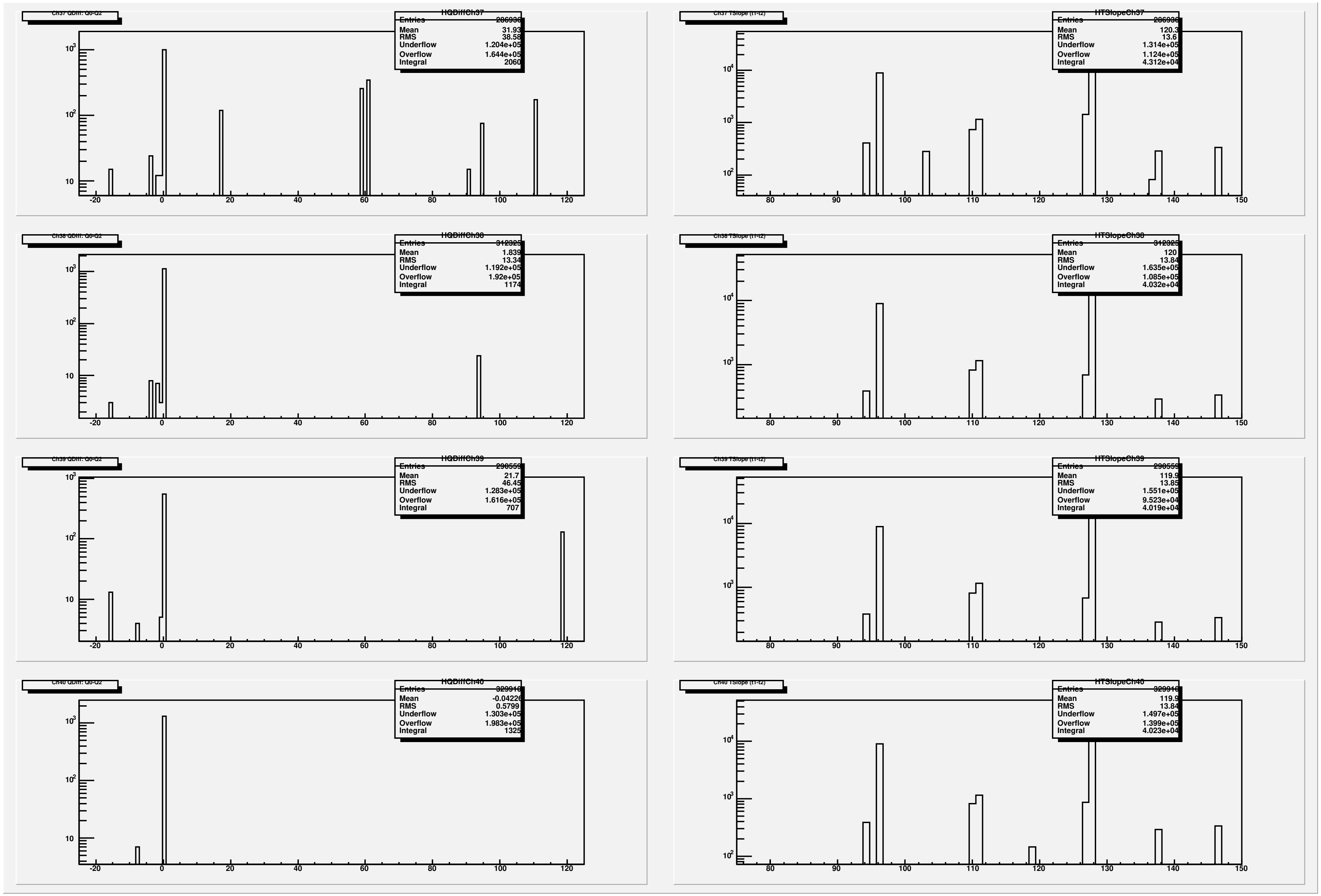
Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 343289
Mean 67.8
RMS 43.53
Underflow 7.566e+04
Overflow 2.52e+05
Integral 1.559e+04
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 343289
Mean 120
RMS 16.56
Underflow 1.472e+05
Overflow 1.451e+05
Integral 5.094e+04
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 44613
Mean 60.01
RMS 40.87
Underflow 1.021e+04
Overflow 1.617e+04
Integral 1.824e+04
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 44613
Mean 124.7
RMS 11.5
Underflow 1.394e+04
Overflow 2.149e+04
Integral 9178
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 74818
Mean 67.86
RMS 42.94
Underflow 1.436e+04
Overflow 5.232e+04
Integral 8145
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 74818
Mean 115.3
RMS 20.61
Underflow 1.637e+04
Overflow 5.262e+04
Integral 5833
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 24360
Mean 57.28
RMS 45.08
Underflow 1.662e+04
Overflow 3707
Integral 4028
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 24360
Mean 126.6
RMS 9.288
Underflow 5089
Overflow 1.667e+04
Integral 2603

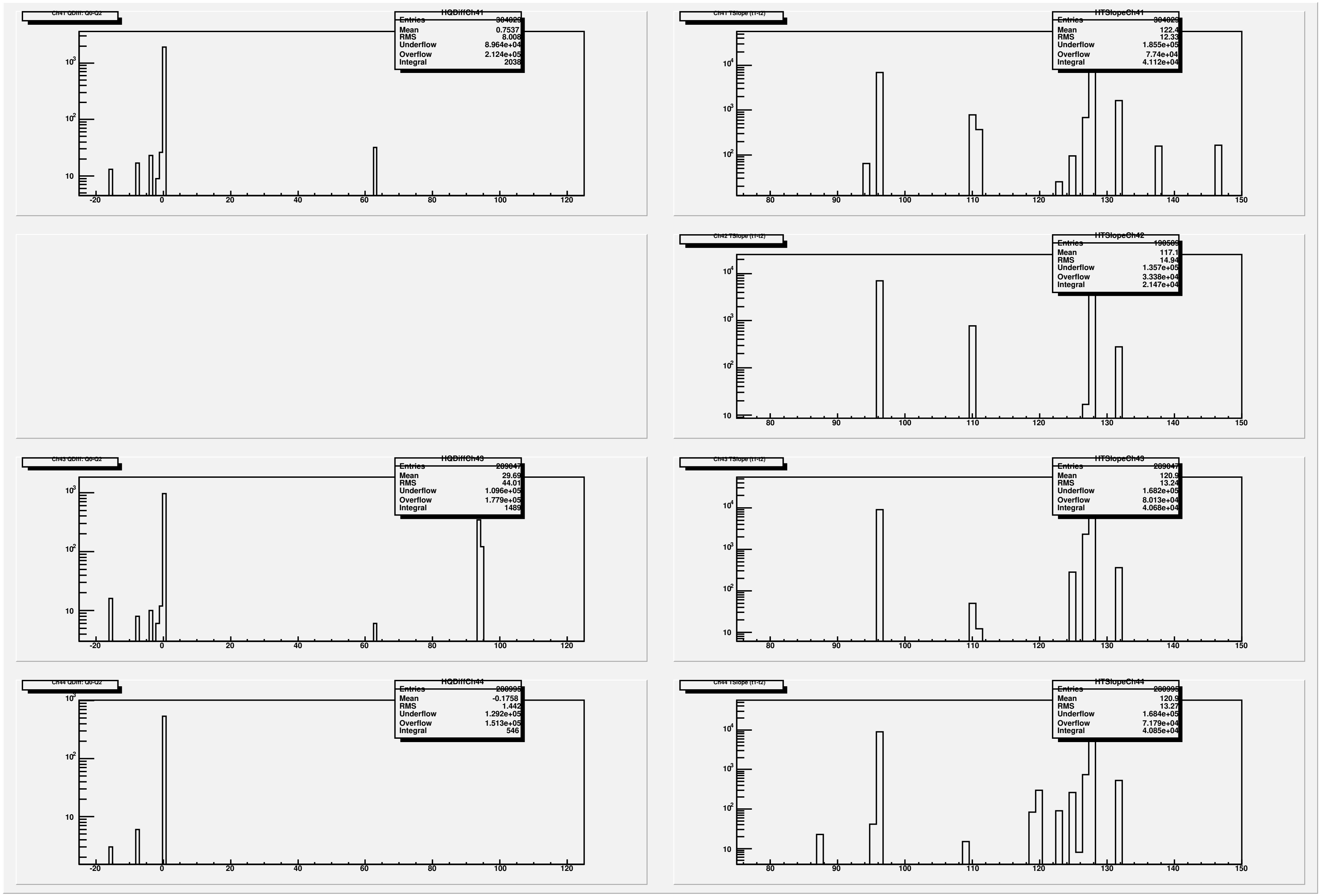


Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 227467
Mean 64.49
RMS 43.78
Underflow 1.094e+05
Overflow 1.168e+05
Integral 1237
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 227467
Mean 128.2
RMS 9.834
Underflow 1.411e+05
Overflow 5.517e+04
Integral 3.117e+04
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 282704
Mean 67.34
RMS 51.15
Underflow 1.146e+05
Overflow 1.667e+05
Integral 1405
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 282704
Mean 127.2
RMS 8.167
Underflow 1.577e+05
Overflow 8.522e+04
Integral 3.976e+04
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 233441
Mean 72.72
RMS 51.07
Underflow 1.026e+05
Overflow 1.282e+05
Integral 2700
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 233441
Mean 127.8
RMS 7.296
Underflow 1.283e+05
Overflow 6.282e+04
Integral 4.232e+04
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 101727
Mean 71.26
RMS 40.49
Underflow 3.404e+04
Overflow 6.13e+04
Integral 6391
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 101727
Mean 124.1
RMS 11.92
Underflow 3.999e+04
Overflow 4.578e+04
Integral 1.596e+04


HQDiffCh29
Entries 351975
Mean 33.33
RMS 41.75
Underflow 1.31e+05
Overflow 2.184e+05
Integral 2615
HTSlopeCh29
Entries 351975
Mean 120.9
RMS 14.24
Underflow 1.645e+05
Overflow 1.18e+05
Integral 6.946e+04
HQDiffCh30
Entries 258496
Mean 119
RMS -0
Underflow 1.282e+05
Overflow 1.303e+05
Integral 3
HTSlopeCh30
Entries 258496
Mean 121.7
RMS 13.49
Underflow 1.428e+05
Overflow 4.712e+04
Integral 6.854e+04
HQDiffCh31
Entries 329694
Mean 16.62
RMS 37.83
Underflow 1.209e+05
Overflow 2.068e+05
Integral 1986
HTSlopeCh31
Entries 329694
Mean 121.2
RMS 13.68
Underflow 1.732e+05
Overflow 9.111e+04
Integral 6.543e+04
HQDiffCh32
Entries 393109
Mean 56.43
RMS 42.98
Underflow 1.218e+05
Overflow 2.629e+05
Integral 8339
HTSlopeCh32
Entries 393109
Mean 122.3
RMS 13.12
Underflow 1.524e+05
Overflow 1.795e+05
Integral 6.121e+04


Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 303847
Mean 16.51
RMS 33.45
Underflow 1.264e+05
Overflow 1.763e+05
Integral 1129
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 303847
Mean 121.5
RMS 13.18
Underflow 1.6e+05
Overflow 9.433e+04
Integral 4.954e+04
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 281637
Mean 33.82
RMS 40.82
Underflow 1.214e+05
Overflow 1.586e+05
Integral 1715
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 281637
Mean 120.9
RMS 13.39
Underflow 1.486e+05
Overflow 8.902e+04
Integral 4.404e+04
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 246241
Mean 20.47
RMS 29.61
Underflow 1.217e+05
Overflow 1.242e+05
Integral 374
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 246241
Mean 122.4
RMS 12.15
Underflow 1.374e+05
Overflow 6.548e+04
Integral 4.337e+04
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 284968
Mean 94.26
RMS 35.01
Underflow 9.983e+04
Overflow 1.045e+05
Integral 641
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 284968
Mean 121.5
RMS 13
Underflow 1.189e+05
Overflow 5.08e+04
Integral 3.526e+04


Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 286936
Mean 31.93
RMS 38.58
Underflow 1.204e+05
Overflow 1.644e+05
Integral 2060
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 286936
Mean 120.3
RMS 13.6
Underflow 1.314e+05
Overflow 1.124e+05
Integral 4.312e+04
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 312325
Mean 1.839
RMS 13.34
Underflow 1.192e+05
Overflow 1.92e+05
Integral 1174
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 312325
Mean 120
RMS 13.84
Underflow 1.635e+05
Overflow 1.085e+05
Integral 4.032e+04
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 290559
Mean 21.7
RMS 46.45
Underflow 1.283e+05
Overflow 1.616e+05
Integral 707
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 290559
Mean 119.9
RMS 13.85
Underflow 1.551e+05
Overflow 9.523e+04
Integral 4.019e+04
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 329916
Mean -0.04226
RMS 0.5799
Underflow 1.303e+05
Overflow 1.983e+05
Integral 1325
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 329916
Mean 119.9
RMS 13.84
Underflow 1.497e+05
Overflow 1.399e+05
Integral 4.023e+04


Ch41 QDiff: Q0-Q2
HQDiffCh41
Entries 304029
Mean 0.7537
RMS 8.008
Underflow 8.964e+04
Overflow 2.124e+05
Integral 2038
Ch41 TSlope (t1-t2)
HTSlopeCh41
Entries 304029
Mean 122.4
RMS 12.33
Underflow 1.855e+05
Overflow 7.74e+04
Integral 4.112e+04
Ch42 TSlope (t1-t2)
HTSlopeCh42
Entries 190589
Mean 117.1
RMS 14.94
Underflow 1.357e+05
Overflow 3.338e+04
Integral 2.147e+04
Ch43 QDiff: Q0-Q2
HQDiffCh43
Entries 289047
Mean 29.69
RMS 44.01
Underflow 1.096e+05
Overflow 1.779e+05
Integral 1489
Ch43 TSlope (t1-t2)
HTSlopeCh43
Entries 289047
Mean 120.9
RMS 13.24
Underflow 1.682e+05
Overflow 8.013e+04
Integral 4.068e+04
Ch44 QDiff: Q0-Q2
HQDiffCh44
Entries 280995
Mean -0.1758
RMS 1.442
Underflow 1.292e+05
Overflow 1.513e+05
Integral 546
Ch44 TSlope (t1-t2)
HTSlopeCh44
Entries 280995
Mean 120.9
RMS 13.27
Underflow 1.684e+05
Overflow 7.179e+04
Integral 4.085e+04