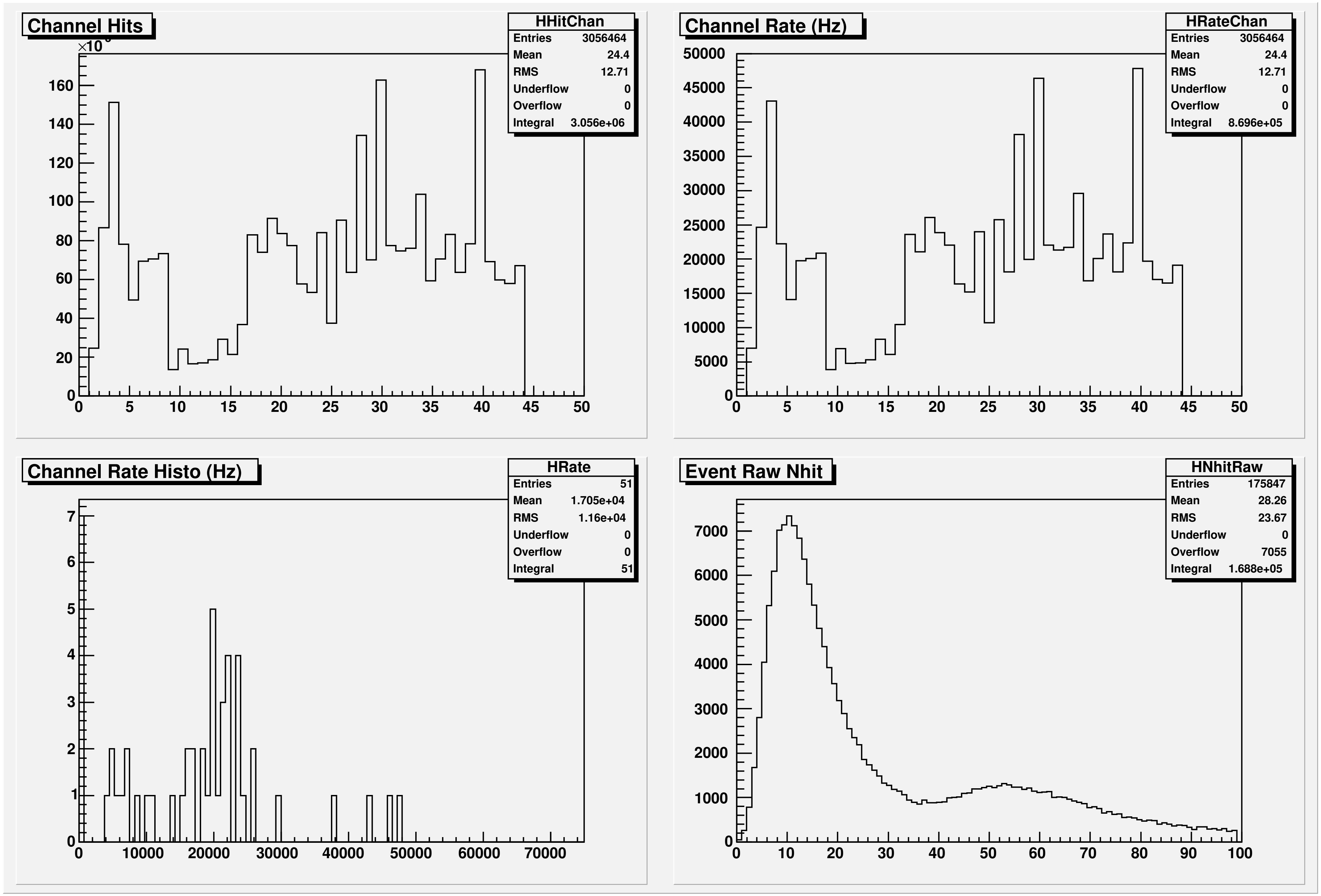
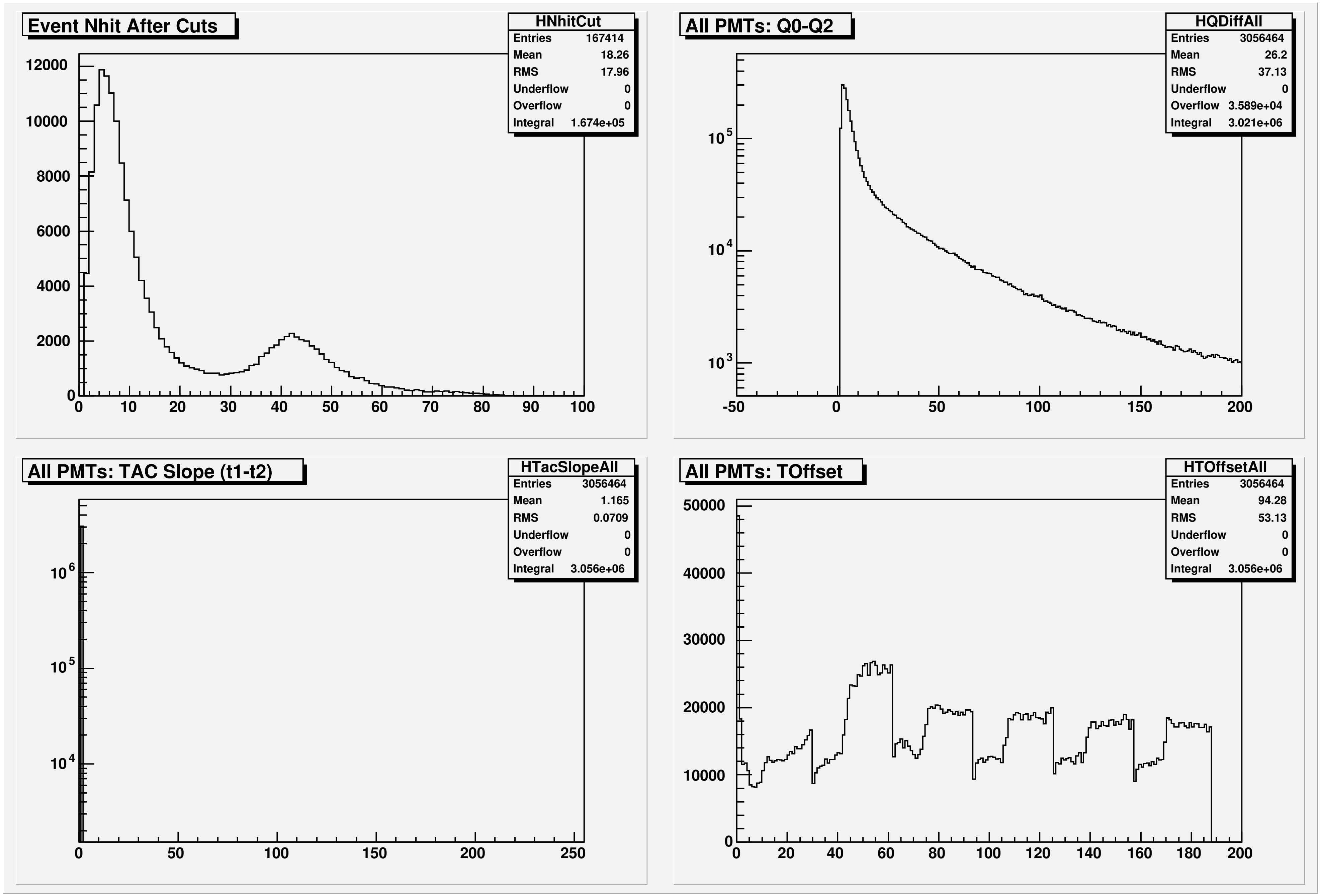
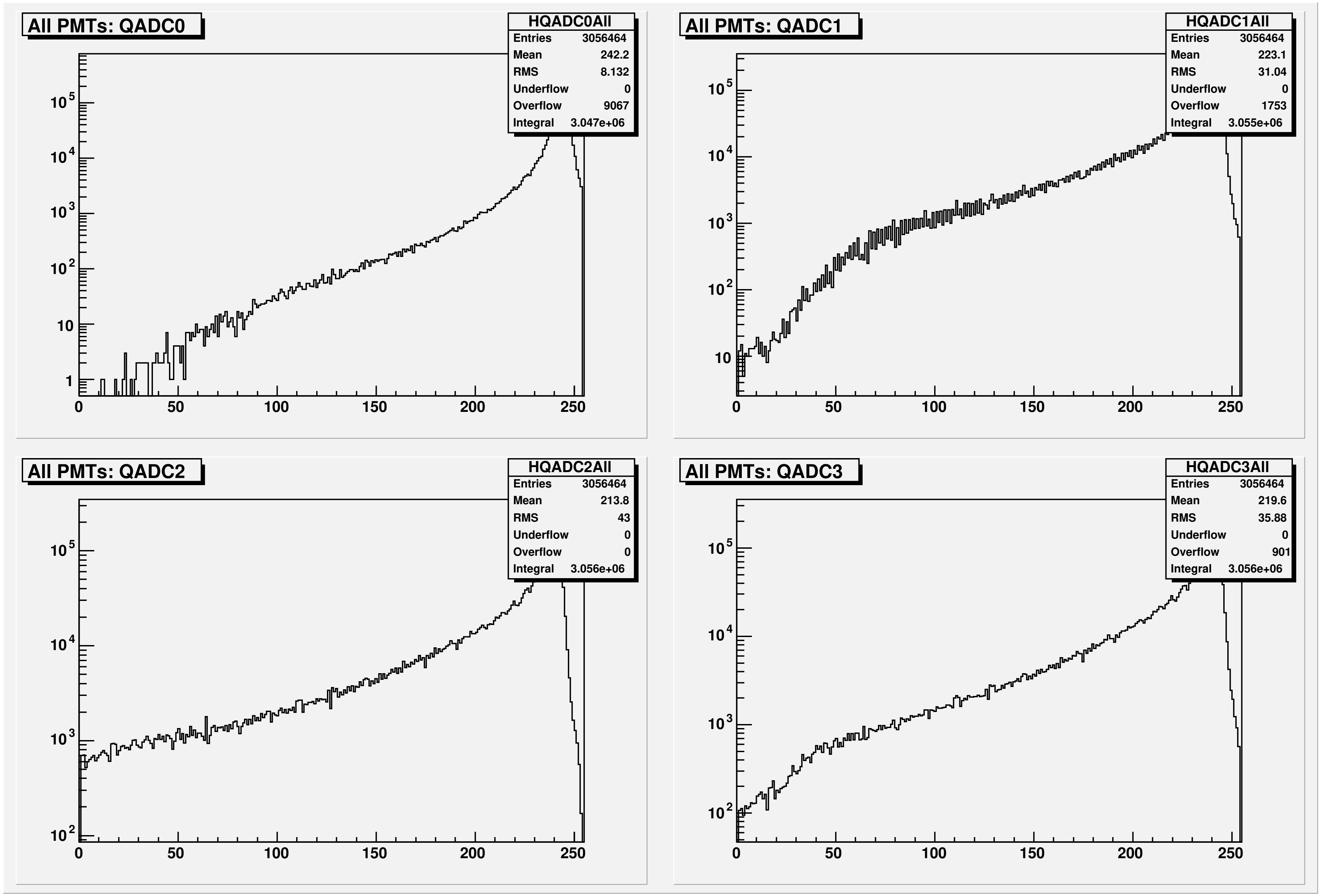
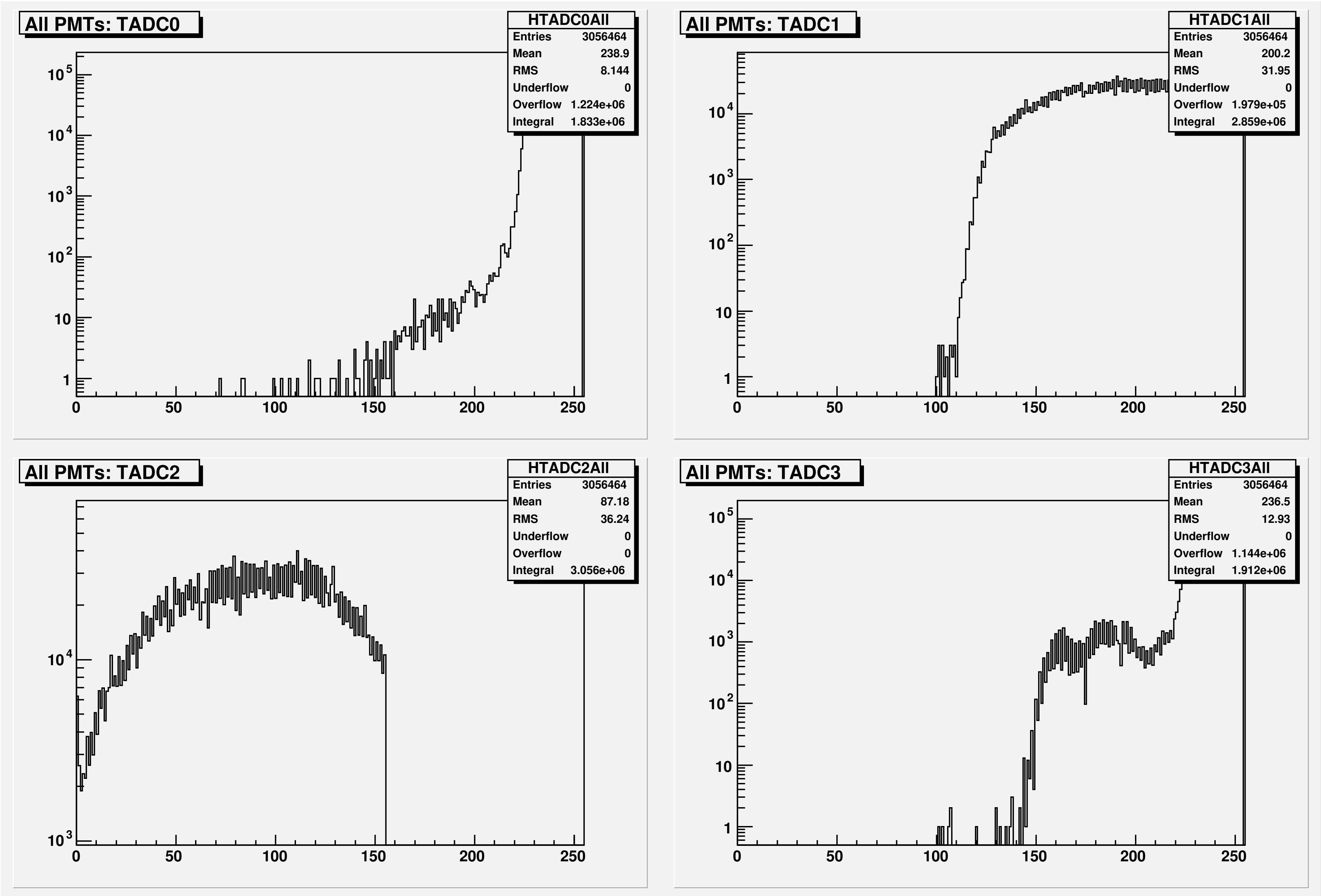
RUN: VlandCF252 Run11624 CF252

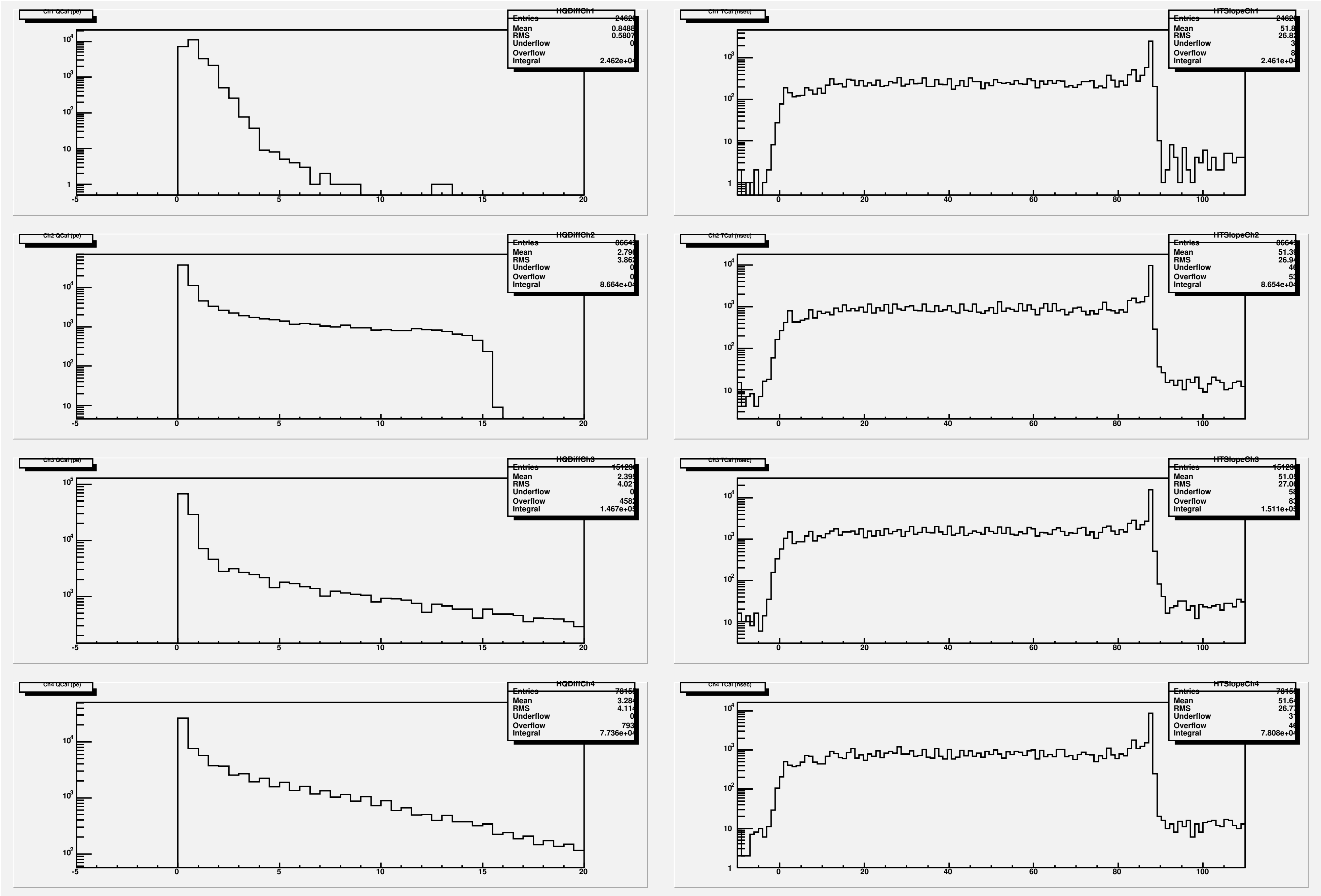

Channel Hits
HHitChan
Entries 3056464
Mean 24.4
RMS 12.71
Underflow 0
Overflow 0
Integral 3.056e+06
Channel Rate (Hz)
HRateChan
Entries 3056464
Mean 24.4
RMS 12.71
Underflow 0
Overflow 0
Integral 8.696e+05
Channel Rate Histo (Hz)
HRate
Entries 51
Mean 1.705e+04
RMS 1.16e+04
Underflow 0
Overflow 0
Integral 51
Event Raw Nhit
HNhitRaw
Entries 175847
Mean 28.26
RMS 23.67
Underflow 0
Overflow 7055
Integral 1.688e+05


Event Nhit After Cuts
HNhitCut
Entries 167414
Mean 18.26
RMS 17.96
Underflow 0
Overflow 0
Integral 1.674e+05
All PMTs: Q0-Q2
HQDiffAll
Entries 3056464
Mean 26.2
RMS 37.13
Underflow 0
Overflow 3.589e+04
Integral 3.021e+06
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 3056464
Mean 1.165
RMS 0.0709
Underflow 0
Overflow 0
Integral 3.056e+06
All PMTs: TOffset
HTOffsetAll
Entries 3056464
Mean 94.28
RMS 53.13
Underflow 0
Overflow 0
Integral 3.056e+06

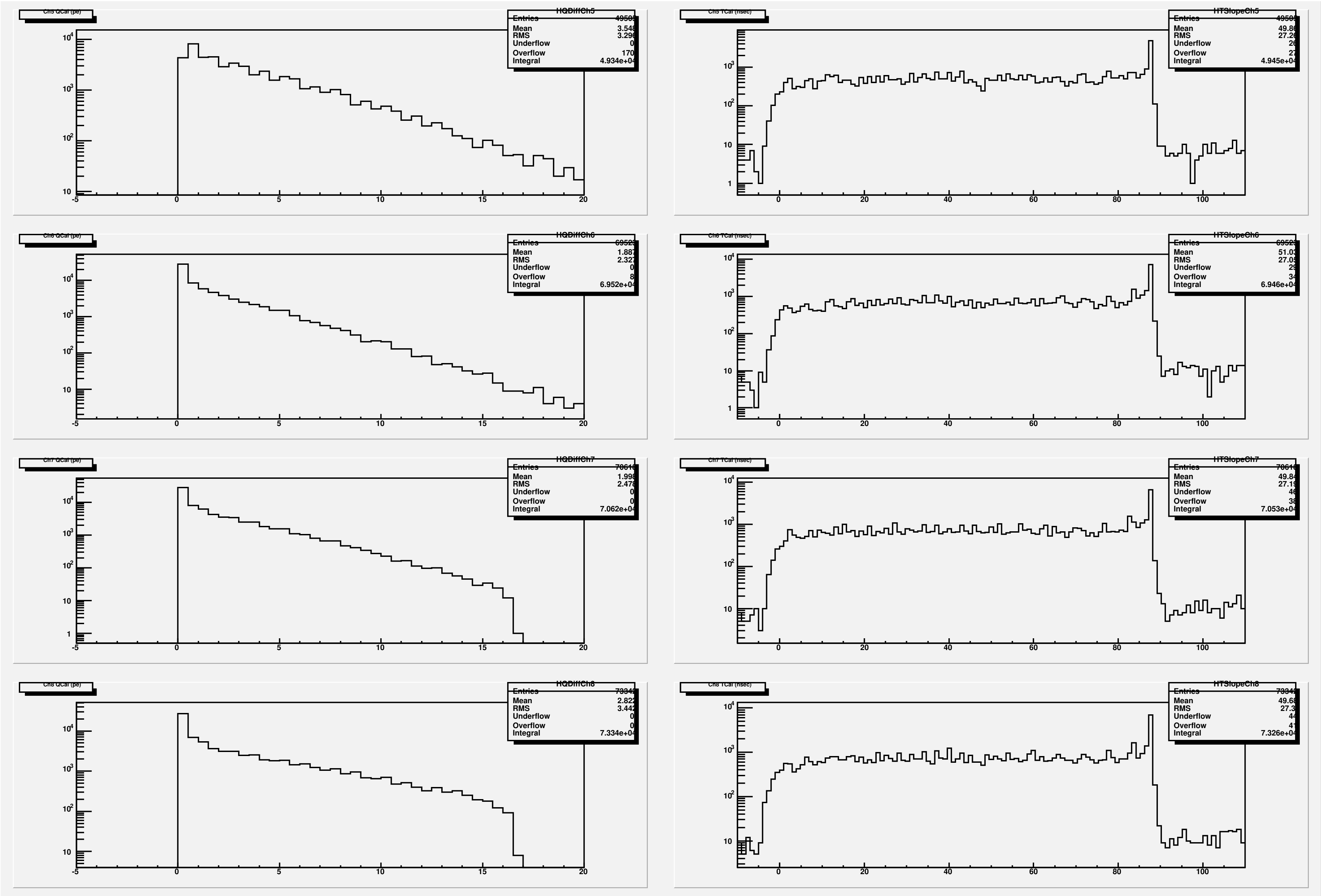


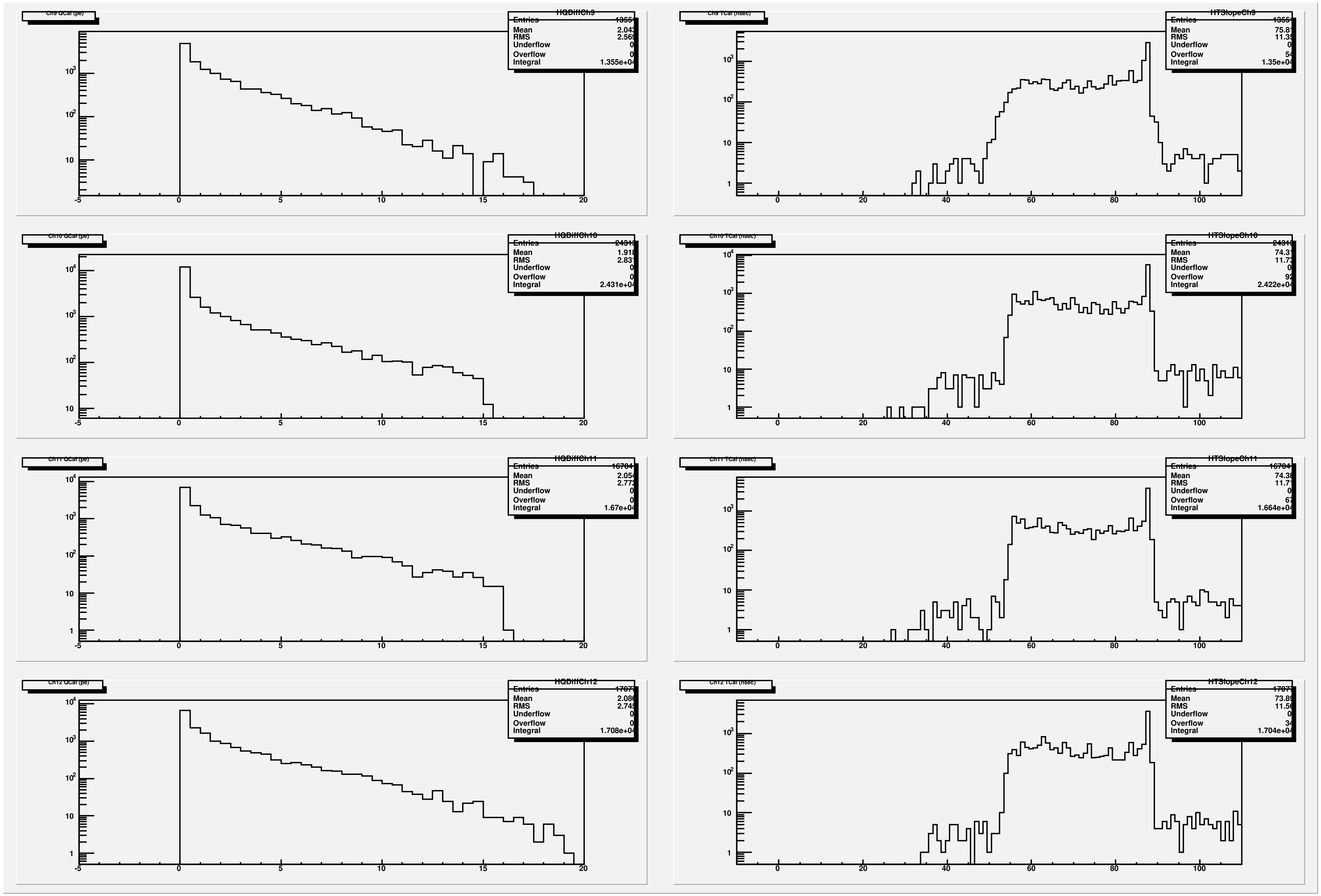
All PMTs: QADC0
HQADC0All
Entries 3056464
Mean 242.2
RMS 8.132
Underflow 0
Overflow 9067
Integral 3.047e+06
All PMTs: QADC1
HQADC1All
Entries 3056464
Mean 223.1
RMS 31.04
Underflow 0
Overflow 1753
Integral 3.055e+06
All PMTs: QADC2
HQADC2All
Entries 3056464
Mean 213.8
RMS 43
Underflow 0
Overflow 0
Integral 3.056e+06
All PMTs: QADC3
HQADC3All
Entries 3056464
Mean 219.6
RMS 35.88
Underflow 0
Overflow 901
Integral 3.056e+06


All PMTs: TADC0
HTADC0All
Entries 3056464
Mean 238.9
RMS 8.144
Underflow 0
Overflow 1.224e+06
Integral 1.833e+06
All PMTs: TADC1
HTADC1All
Entries 3056464
Mean 200.2
RMS 31.95
Underflow 0
Overflow 1.979e+05
Integral 2.859e+06
All PMTs: TADC2
HTADC2All
Entries 3056464
Mean 87.18
RMS 36.24
Underflow 0
Overflow 0
Integral 3.056e+06
All PMTs: TADC3
HTADC3All
Entries 3056464
Mean 236.5
RMS 12.93
Underflow 0
Overflow 1.144e+06
Integral 1.912e+06

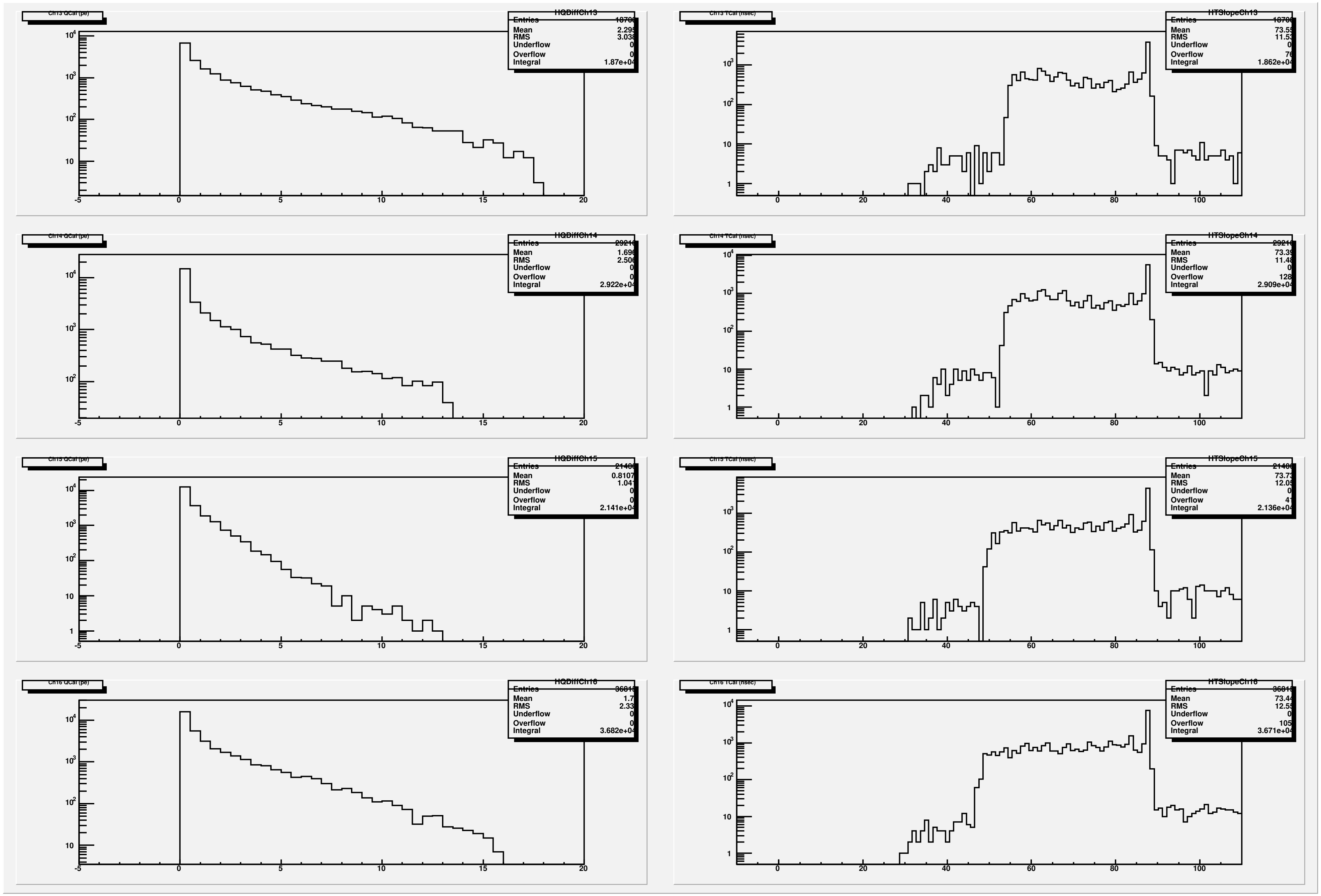


Ch1 QCal (pe)
HQDiffCh1
Entries 2462
Mean 0.8488
RMS 0.5807
Underflow 0
Overflow 0
Integral 2.462e+04
Ch1 TCal (nsec)
HTSlopeCh1
Entries 2462
Mean 51.8
RMS 26.82
Underflow 3
Overflow 8
Integral 2.461e+04
Ch2 QCal (pe)
HQDiffCh2
Entries 8664
Mean 2.796
RMS 3.862
Underflow 0
Overflow 0
Integral 8.664e+04
Ch2 TCal (nsec)
HTSlopeCh2
Entries 8664
Mean 51.39
RMS 26.94
Underflow 46
Overflow 53
Integral 8.654e+04
Ch3 QCal (pe)
HQDiffCh3
Entries 15123
Mean 2.395
RMS 4.021
Underflow 0
Overflow 4582
Integral 1.467e+05
Ch3 TCal (nsec)
HTSlopeCh3
Entries 15123
Mean 51.05
RMS 27.06
Underflow 58
Overflow 83
Integral 1.511e+05
Ch4 QCal (pe)
HQDiffCh4
Entries 7815
Mean 3.284
RMS 4.114
Underflow 0
Overflow 793
Integral 7.736e+04
Ch4 TCal (nsec)
HTSlopeCh4
Entries 7815
Mean 51.64
RMS 26.77
Underflow 37
Overflow 46
Integral 7.808e+04

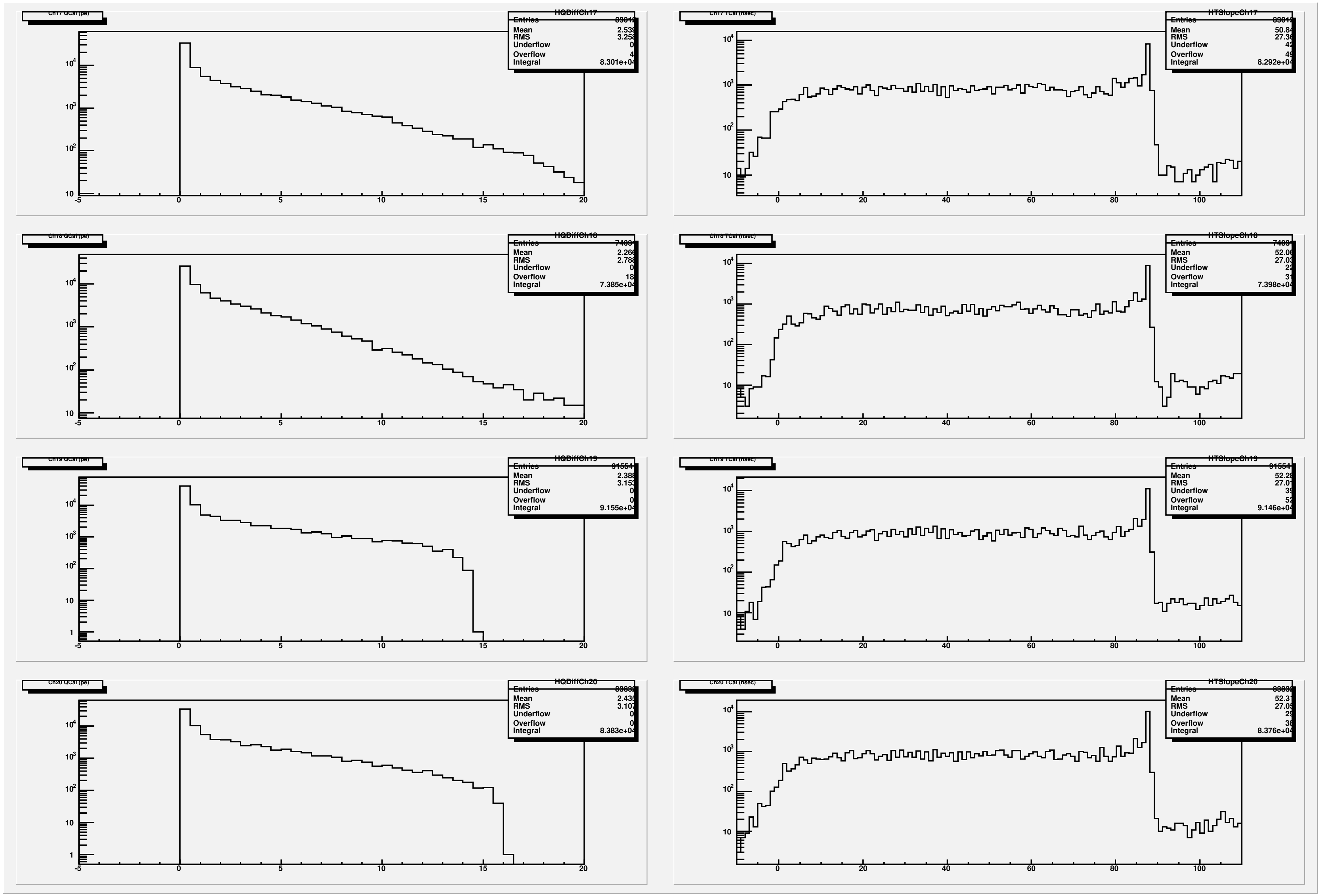

Ch5 QCal (pe)
HQDiffCh5
Entries 4950
Mean 3.548
RMS 3.296
Underflow 0
Overflow 170
Integral 4.934e+04
Ch5 TCal (nsec)
HTSlopeCh5
Entries 4950
Mean 49.86
RMS 27.26
Underflow 26
Overflow 27
Integral 4.945e+04
Ch6 QCal (pe)
HQDiffCh6
Entries 6952
Mean 1.887
RMS 2.327
Underflow 0
Overflow 8
Integral 6.952e+04
Ch6 TCal (nsec)
HTSlopeCh6
Entries 6952
Mean 51.03
RMS 27.05
Underflow 29
Overflow 34
Integral 6.946e+04
Ch7 QCal (pe)
HQDiffCh7
Entries 7061
Mean 1.998
RMS 2.478
Underflow 0
Overflow 0
Integral 7.062e+04
Ch7 TCal (nsec)
HTSlopeCh7
Entries 7061
Mean 49.84
RMS 27.19
Underflow 46
Overflow 38
Integral 7.053e+04
Ch8 QCal (pe)
HQDiffCh8
Entries 7334
Mean 2.822
RMS 3.442
Underflow 0
Overflow 0
Integral 7.334e+04
Ch8 TCal (nsec)
HTSlopeCh8
Entries 7334
Mean 49.68
RMS 27.3
Underflow 44
Overflow 41
Integral 7.326e+04



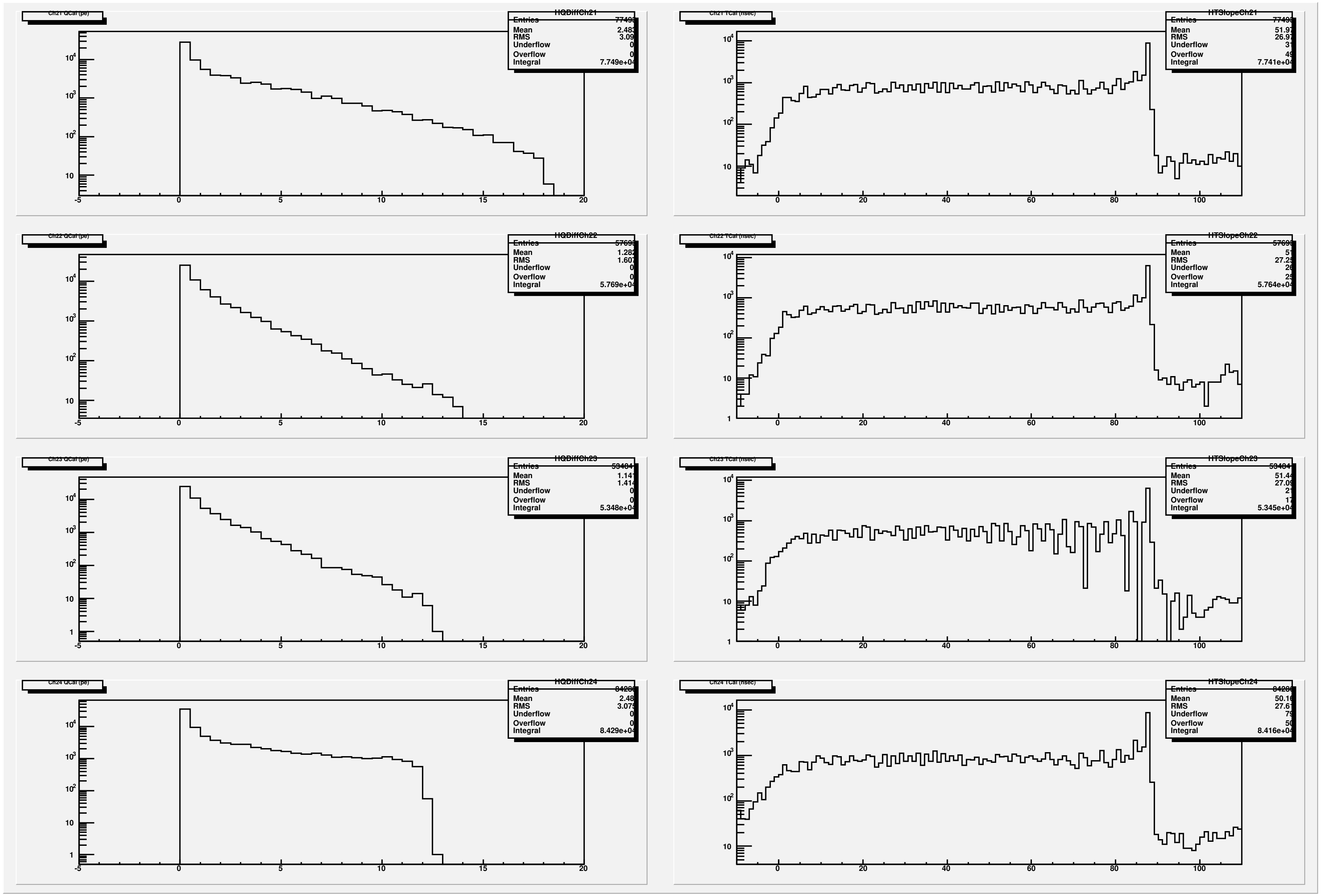
Ch9 QCal (pe)
HQDiffCh9
Entries 1355
Mean 2.043
RMS 2.569
Underflow 0
Overflow 0
Integral 1.355e+04
Ch9 TCal (nsec)
HTSlopeCh9
Entries 1355
Mean 75.81
RMS 11.35
Underflow 0
Overflow 54
Integral 1.35e+04
Ch10 QCal (pe)
HQDiffCh10
Entries 2431
Mean 1.918
RMS 2.831
Underflow 0
Overflow 0
Integral 2.431e+04
Ch10 TCal (nsec)
HTSlopeCh10
Entries 2431
Mean 74.37
RMS 11.73
Underflow 0
Overflow 92
Integral 2.422e+04
Ch11 QCal (pe)
HQDiffCh11
Entries 16704
Mean 2.054
RMS 2.772
Underflow 0
Overflow 0
Integral 1.67e+04
Ch11 TCal (nsec)
HTSlopeCh11
Entries 16704
Mean 74.38
RMS 11.71
Underflow 0
Overflow 67
Integral 1.664e+04
Ch12 QCal (pe)
HQDiffCh12
Entries 1707
Mean 2.086
RMS 2.745
Underflow 0
Overflow 0
Integral 1.708e+04
Ch12 TCal (nsec)
HTSlopeCh12
Entries 1707
Mean 73.89
RMS 11.56
Underflow 0
Overflow 34
Integral 1.704e+04



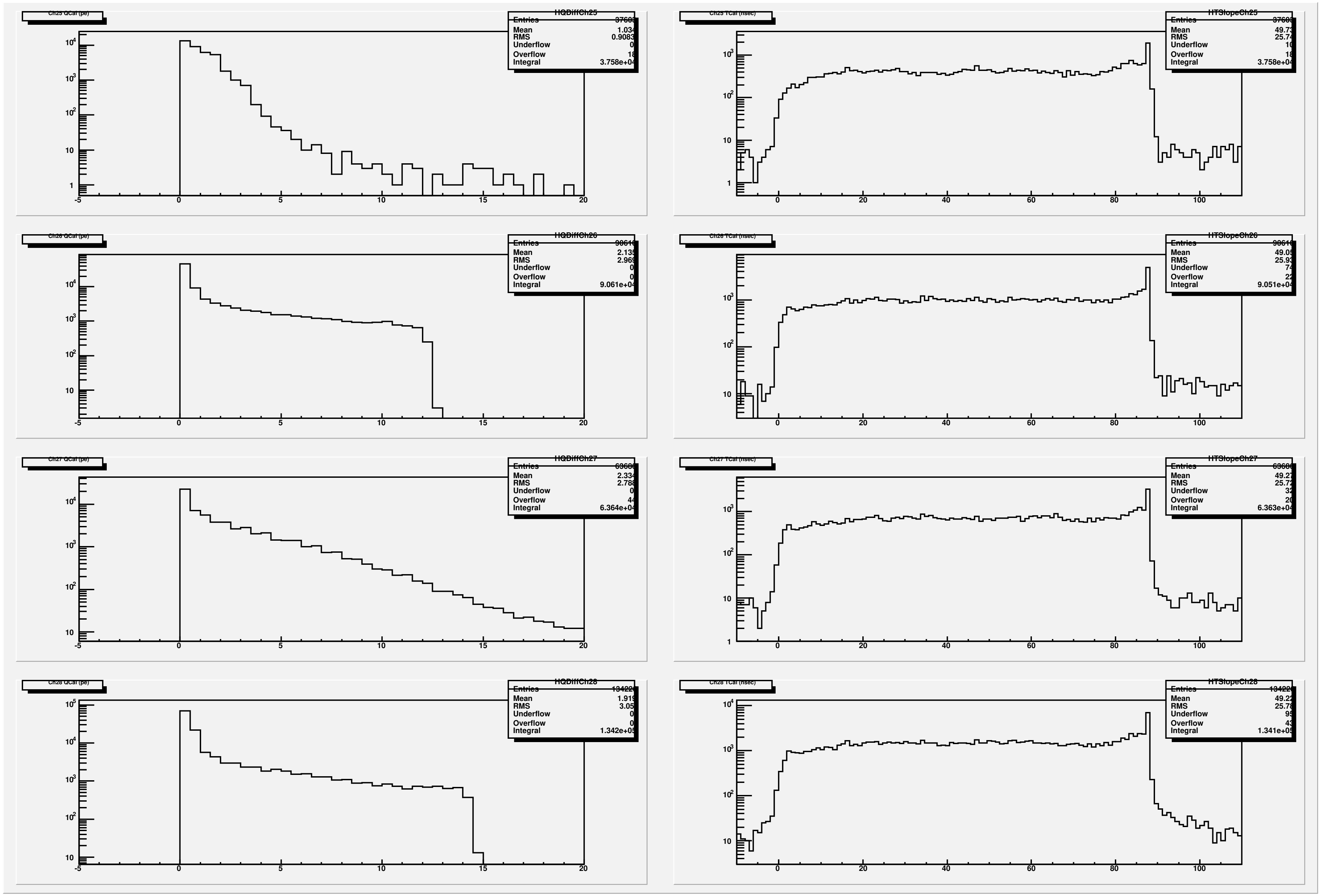
HQDiffCh13
Entries 18700
Mean 2.295
RMS 3.038
Underflow 0
Overflow 0
Integral 1.87e+04
HTSlopeCh13
Entries 18700
Mean 73.55
RMS 11.53
Underflow 0
Overflow 76
Integral 1.862e+04
HQDiffCh14
Entries 29218
Mean 1.696
RMS 2.506
Underflow 0
Overflow 0
Integral 2.922e+04
HTSlopeCh14
Entries 29218
Mean 73.39
RMS 11.45
Underflow 0
Overflow 128
Integral 2.909e+04
HQDiffCh15
Entries 21406
Mean 0.8107
RMS 1.041
Underflow 0
Overflow 0
Integral 2.141e+04
HTSlopeCh15
Entries 21406
Mean 73.73
RMS 12.05
Underflow 0
Overflow 41
Integral 2.136e+04
HQDiffCh16
Entries 36818
Mean 1.7
RMS 2.33
Underflow 0
Overflow 0
Integral 3.682e+04
HTSlopeCh16
Entries 36818
Mean 73.44
RMS 12.55
Underflow 0
Overflow 105
Integral 3.671e+04



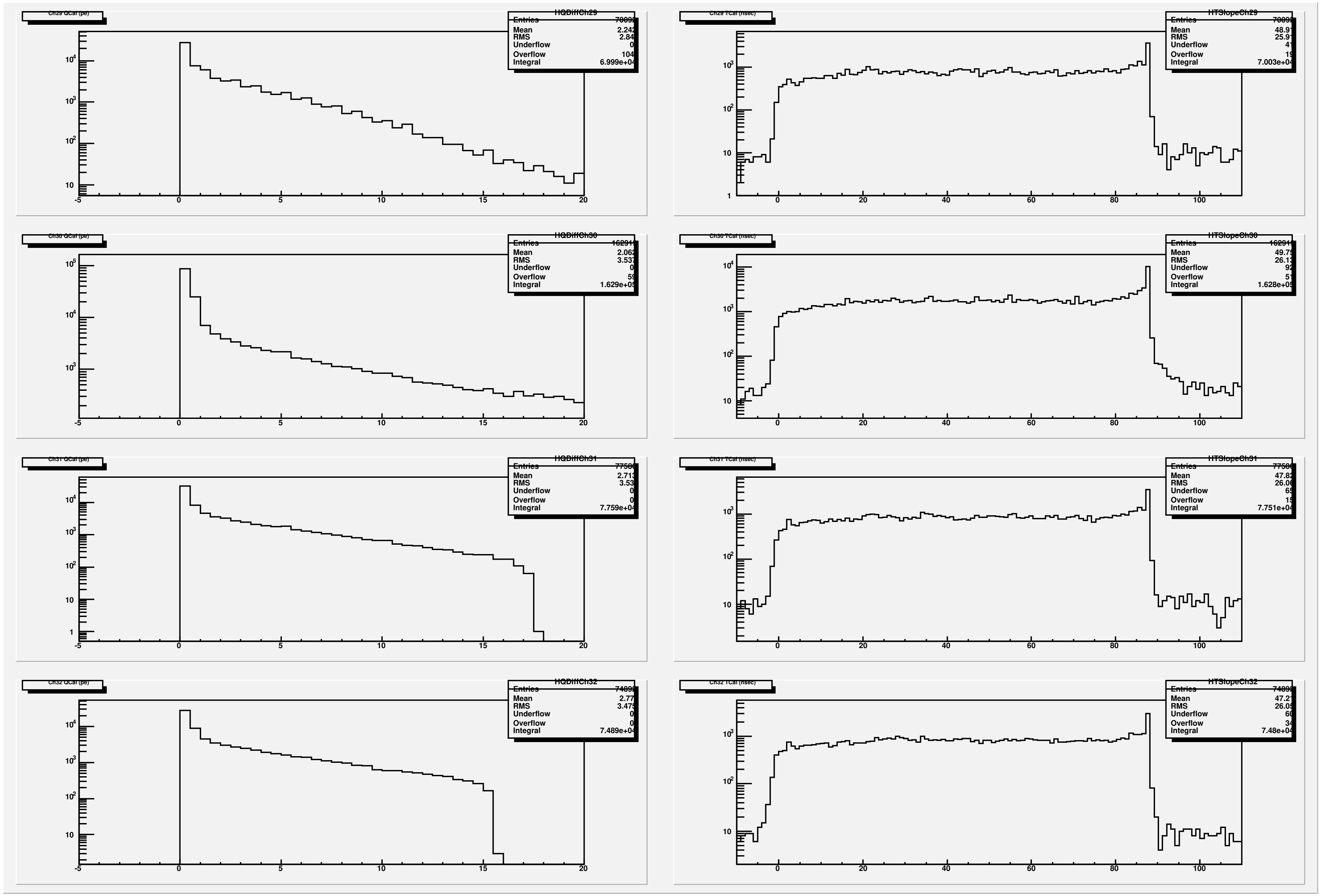
Ch17 QCal (pe)
HQDiffCh17
Entries
Mean 2.539
RMS 3.258
Underflow 0
Overflow 4
Integral 8.301e+04
Ch17 TCal (nsec)
HTSlopeCh17
Entries
Mean 50.84
RMS 27.36
Underflow 42
Overflow 49
Integral 8.292e+04
Ch18 QCal (pe)
HQDiffCh18
Entries 7403
Mean 2.266
RMS 2.788
Underflow 0
Overflow 18
Integral 7.385e+04
Ch18 TCal (nsec)
HTSlopeCh18
Entries 7403
Mean 52.06
RMS 27.03
Underflow 22
Overflow 37
Integral 7.398e+04
Ch19 QCal (pe)
HQDiffCh19
Entries 91554
Mean 2.388
RMS 3.153
Underflow 0
Overflow 0
Integral 9.155e+04
Ch19 TCal (nsec)
HTSlopeCh19
Entries 91554
Mean 52.28
RMS 27.01
Underflow 39
Overflow 52
Integral 9.146e+04
Ch20 QCal (pe)
HQDiffCh20
Entries
Mean 2.435
RMS 3.107
Underflow 0
Overflow 0
Integral 8.383e+04
Ch20 TCal (nsec)
HTSlopeCh20
Entries
Mean 52.31
RMS 27.05
Underflow 29
Overflow 38
Integral 8.376e+04



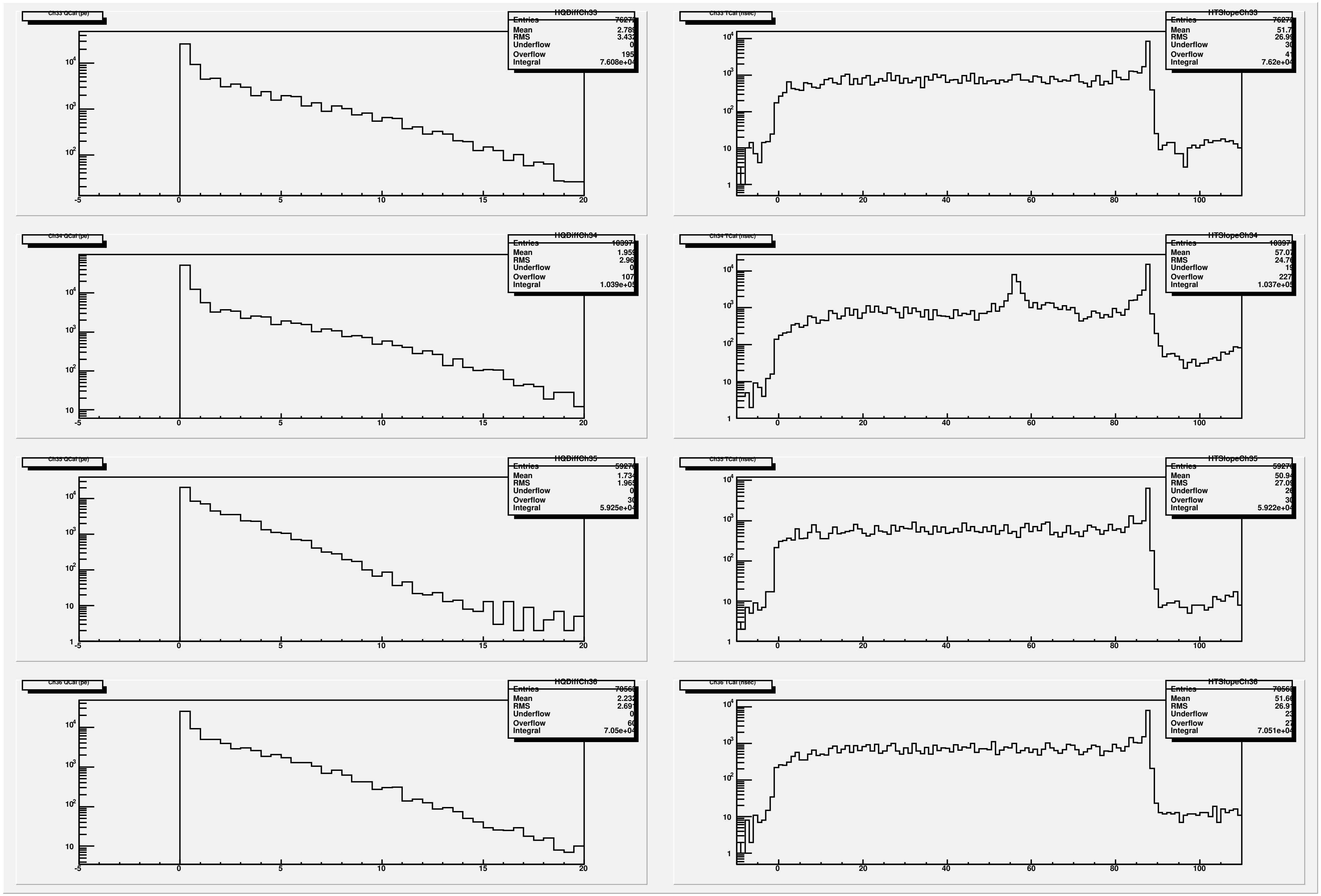
HQDiffCh21
HTSlopeCh21
HQDiffCh22
HTSlopeCh22
HQDiffCh23
HTSlopeCh23
HQDiffCh24
HTSlopeCh24

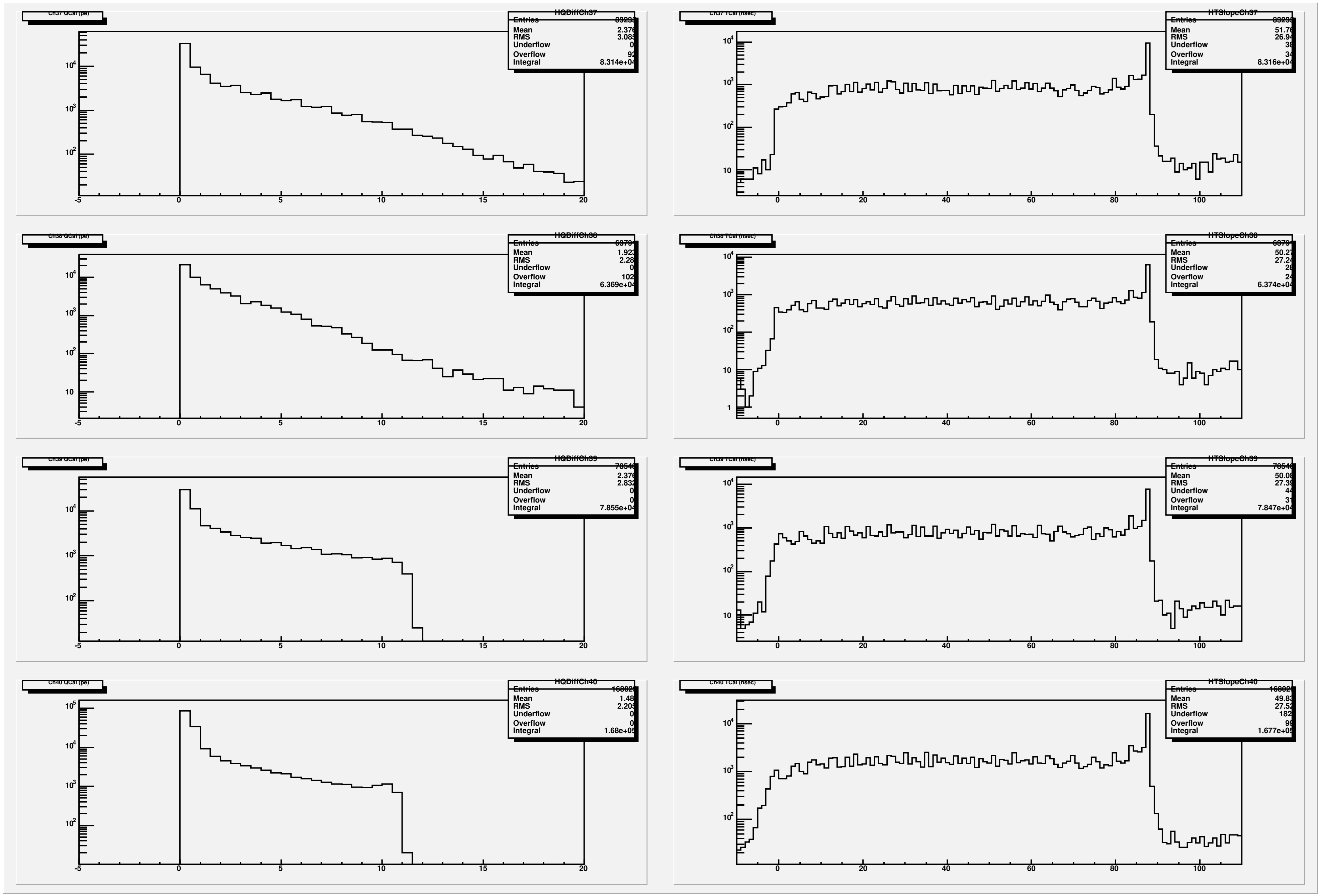


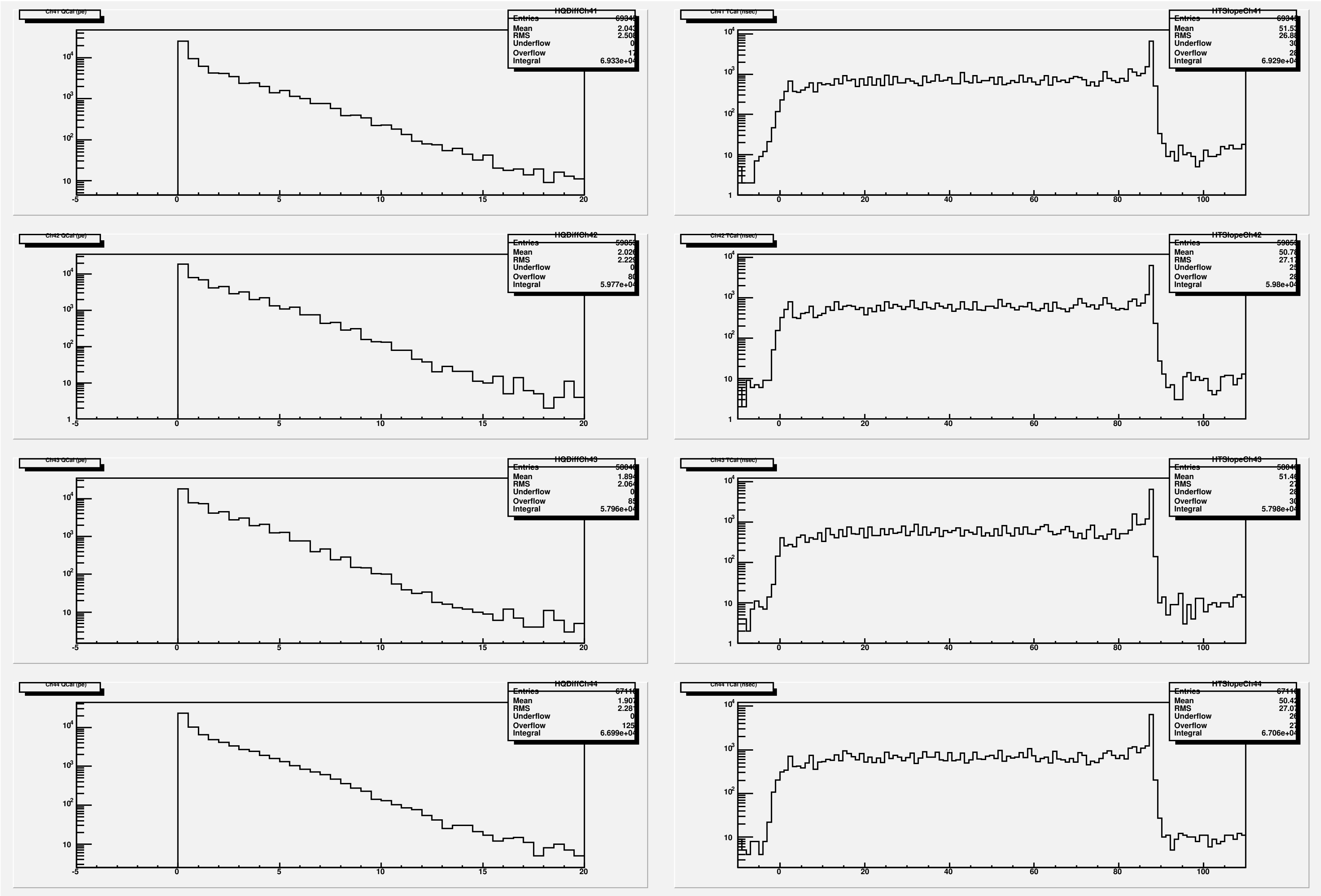
Ch25 QCal (pe)
HQDiffCh25
Entries 37603
Mean 1.034
RMS 0.9083
Underflow 0
Overflow 18
Integral 3.758e+04
Ch25 TCal (nsec)
HTSlopeCh25
Entries 37603
Mean 49.73
RMS 25.74
Underflow 10
Overflow 18
Integral 3.758e+04
Ch26 QCal (pe)
HQDiffCh26
Mean 2.135
RMS 2.969
Underflow 0
Overflow 0
Integral 9.061e+04
Ch26 TCal (nsec)
HTSlopeCh26
Mean 49.05
RMS 25.93
Underflow 74
Overflow 22
Integral 9.051e+04
Ch27 QCal (pe)
HQDiffCh27
Mean 2.334
RMS 2.788
Underflow 0
Overflow 44
Integral 6.364e+04
Ch27 TCal (nsec)
HTSlopeCh27
Mean 49.27
RMS 25.72
Underflow 32
Overflow 20
Integral 6.363e+04
Ch28 QCal (pe)
HQDiffCh28
Mean 1.919
RMS 3.05
Underflow 0
Overflow 0
Integral 1.342e+05
Ch28 TCal (nsec)
HTSlopeCh28
Mean 49.22
RMS 25.78
Underflow 95
Overflow 45
Integral 1.341e+05



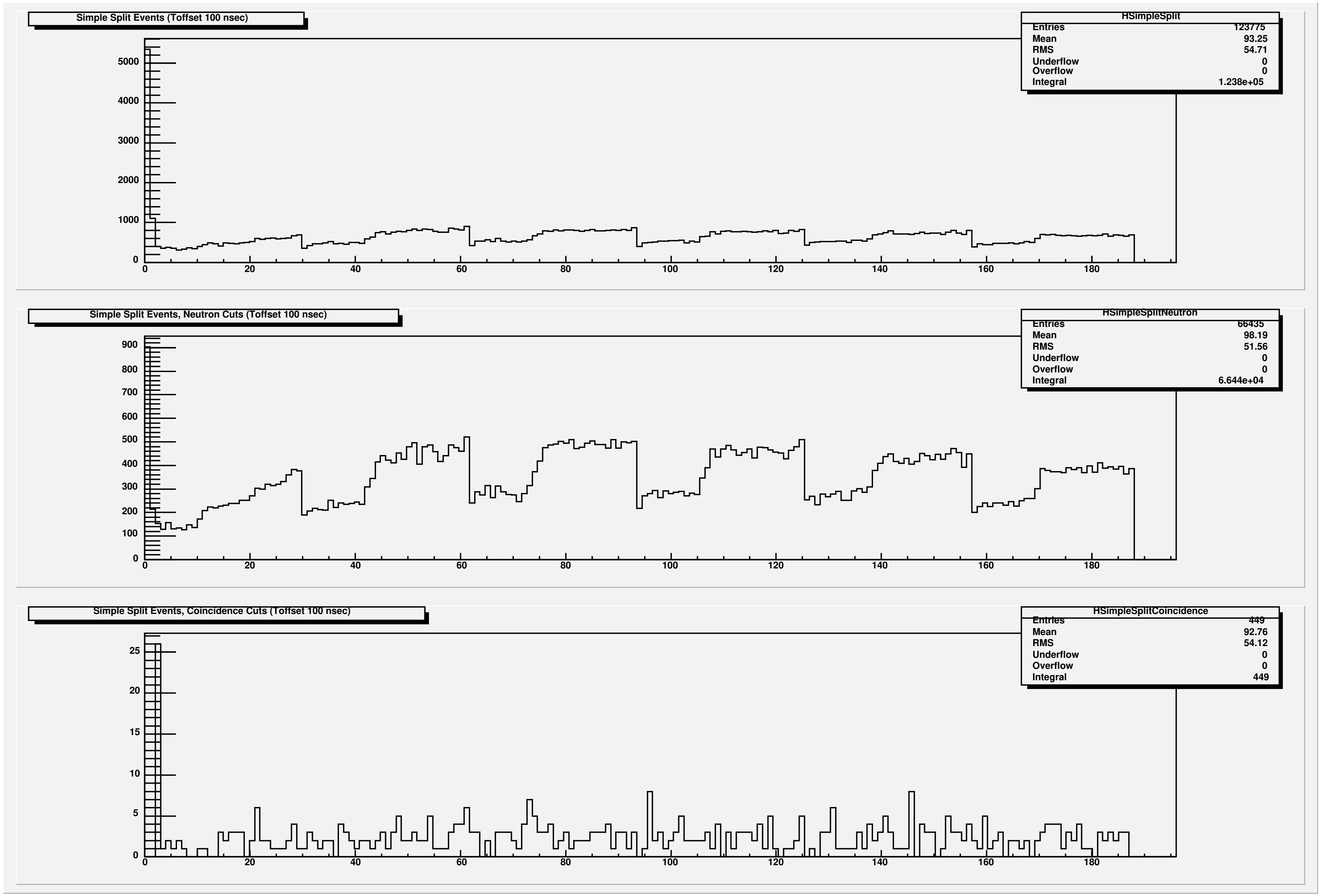
HQDiffCh29
Entries 70092
Mean 2.242
RMS 2.84
Underflow 0
Overflow 104
Integral 6.999e+04
HTSlopeCh29
Entries 70092
Mean 48.91
RMS 25.91
Underflow 47
Overflow 19
Integral 7.003e+04
HQDiffCh30
Entries 162919
Mean 2.062
RMS 3.537
Underflow 0
Overflow 59
Integral 1.629e+05
HTSlopeCh30
Entries 162919
Mean 49.75
RMS 26.13
Underflow 92
Overflow 57
Integral 1.628e+05
HQDiffCh31
Entries 77500
Mean 2.713
RMS 3.53
Underflow 0
Overflow 0
Integral 7.759e+04
HTSlopeCh31
Entries 77500
Mean 47.82
RMS 26.06
Underflow 65
Overflow 15
Integral 7.751e+04
HQDiffCh32
Entries 74892
Mean 2.77
RMS 3.475
Underflow 0
Overflow 0
Integral 7.489e+04
HTSlopeCh32
Entries 74892
Mean 47.21
RMS 26.05
Underflow 60
Overflow 34
Integral 7.48e+04


Ch33 QCal (pe)
HQDiffCh33
Entries 76272
Mean 2.789
RMS 3.432
Underflow 0
Overflow 195
Integral 7.608e+04
Ch33 TCal (nsec)
HTSlopeCh33
Entries 76272
Mean 51.7
RMS 26.99
Underflow 30
Overflow 41
Integral 7.62e+04
Ch34 QCal (pe)
HQDiffCh34
Entries 10397
Mean 1.959
RMS 2.96
Underflow 0
Overflow 107
Integral 1.039e+05
Ch34 TCal (nsec)
HTSlopeCh34
Entries 10397
Mean 57.07
RMS 24.76
Underflow 19
Overflow 227
Integral 1.037e+05
Ch35 QCal (pe)
HQDiffCh35
Entries 5927
Mean 1.734
RMS 1.965
Underflow 0
Overflow 30
Integral 5.925e+04
Ch35 TCal (nsec)
HTSlopeCh35
Entries 5927
Mean 50.94
RMS 27.09
Underflow 25
Overflow 30
Integral 5.922e+04
Ch36 QCal (pe)
HQDiffCh36
Entries 7056
Mean 2.232
RMS 2.691
Underflow 0
Overflow 60
Integral 7.05e+04
Ch36 TCal (nsec)
HTSlopeCh36
Entries 7056
Mean 51.66
RMS 26.91
Underflow 23
Overflow 27
Integral 7.051e+04

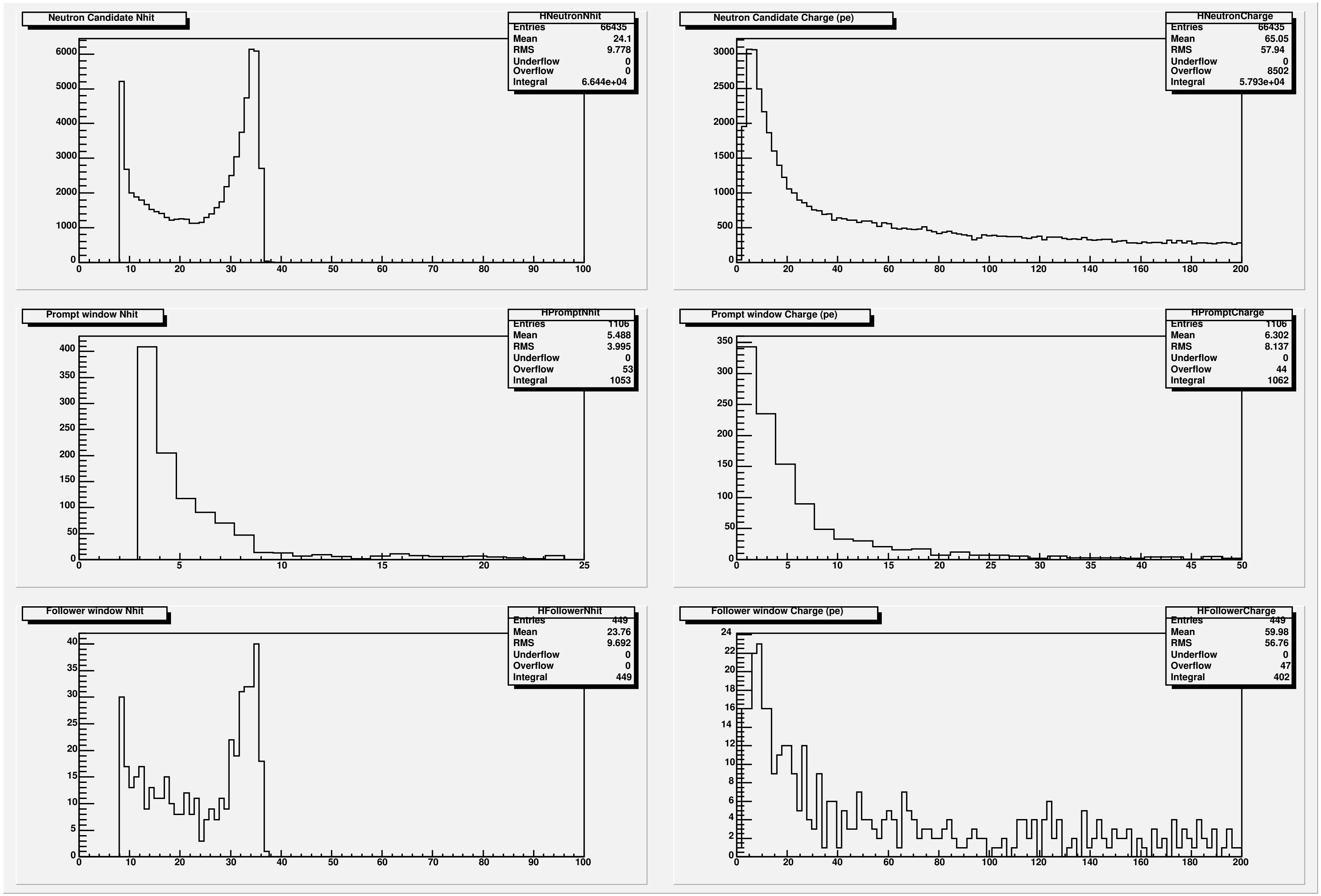

HQDiffCh37
Entries
Mean 2.376
RMS 3.085
Underflow 0
Overflow 92
Integral 8.314e+04
HTSlopeCh37
Entries
Mean 51.76
RMS 26.94
Underflow 38
Overflow 34
Integral 8.316e+04
HQDiffCh38
Entries
Mean 1.923
RMS 2.28
Underflow 0
Overflow 102
Integral 6.369e+04
HTSlopeCh38
Entries
Mean 50.27
RMS 27.24
Underflow 28
Overflow 24
Integral 6.374e+04
HQDiffCh39
Entries
Mean 2.376
RMS 2.832
Underflow 0
Overflow 0
Integral 7.855e+04
HTSlopeCh39
Entries
Mean 50.08
RMS 27.39
Underflow 44
Overflow 37
Integral 7.847e+04
HQDiffCh40
Entries
Mean 1.48
RMS 2.205
Underflow 0
Overflow 0
Integral 1.68e+05
HTSlopeCh40
Entries
Mean 49.83
RMS 27.52
Underflow 182
Overflow 99
Integral 1.677e+05



HQDiffCh41
Entries
Mean 2.043
RMS 2.508
Underflow 0
Overflow 17
Integral 6.933e+04
HTSlopeCh41
Entries
Mean 51.53
RMS 26.88
Underflow 30
Overflow 28
Integral 6.929e+04
HQDiffCh42
Entries
Mean 2.026
RMS 2.225
Underflow 0
Overflow 80
Integral 5.977e+04
HTSlopeCh42
Entries
Mean 50.78
RMS 27.17
Underflow 25
Overflow 28
Integral 5.98e+04
HQDiffCh43
Entries
Mean 1.894
RMS 2.064
Underflow 0
Overflow 85
Integral 5.796e+04
HTSlopeCh43
Entries
Mean 51.46
RMS 27
Underflow 28
Overflow 30
Integral 5.798e+04
HQDiffCh44
Entries
Mean 1.907
RMS 2.281
Underflow 0
Overflow 125
Integral 6.699e+04
HTSlopeCh44
Entries
Mean 50.42
RMS 27.07
Underflow 26
Overflow 27
Integral 6.706e+04



Simple Split Events (Toffset 100 nsec)
HSimpleSplit
Entries 123775
Mean 93.25
RMS 54.71
Underflow 0
Overflow 0
Integral 1.238e+05
0
1000
2000
3000
4000
5000
0
20
40
60
80
100
120
140
160
180
Simple Split Events, Neutron Cuts (Toffset 100 nsec)
HSimpleSplitNeutron
Entries 66435
Mean 98.19
RMS 51.56
Underflow 0
Overflow 0
Integral 6.644e+04
0
100
200
300
400
500
600
700
800
900
Simple Split Events, Coincidence Cuts (Toffset 100 nsec)
HSimpleSplitCoincidence
Entries 449
Mean 92.76
RMS 54.12
Underflow 0
Overflow 0
Integral 449
0
5
10
15
20
25


Neutron Candidate Nhit
HNeutronNhit
Entries 66435
Mean 24.1
RMS 9.778
Underflow 0
Overflow 0
Integral 6.644e+04
Neutron Candidate Charge (pe)
HNeutronCharge
Entries 66435
Mean 65.05
RMS 57.94
Underflow 0
Overflow 8502
Integral 5.793e+04
Prompt window Nhit
HPromptNhit
Entries 1106
Mean 5.488
RMS 3.995
Underflow 0
Overflow 53
Integral 1053
Prompt window Charge (pe)
HPromptCharge
Entries 1106
Mean 6.302
RMS 8.137
Underflow 0
Overflow 44
Integral 1062
Follower window Nhit
HFollowerNhit
Entries 449
Mean 23.76
RMS 9.692
Underflow 0
Overflow 0
Integral 449
Follower window Charge (pe)
HFollowerCharge
Entries 449
Mean 59.98
RMS 56.76
Underflow 0
Overflow 47
Integral 402