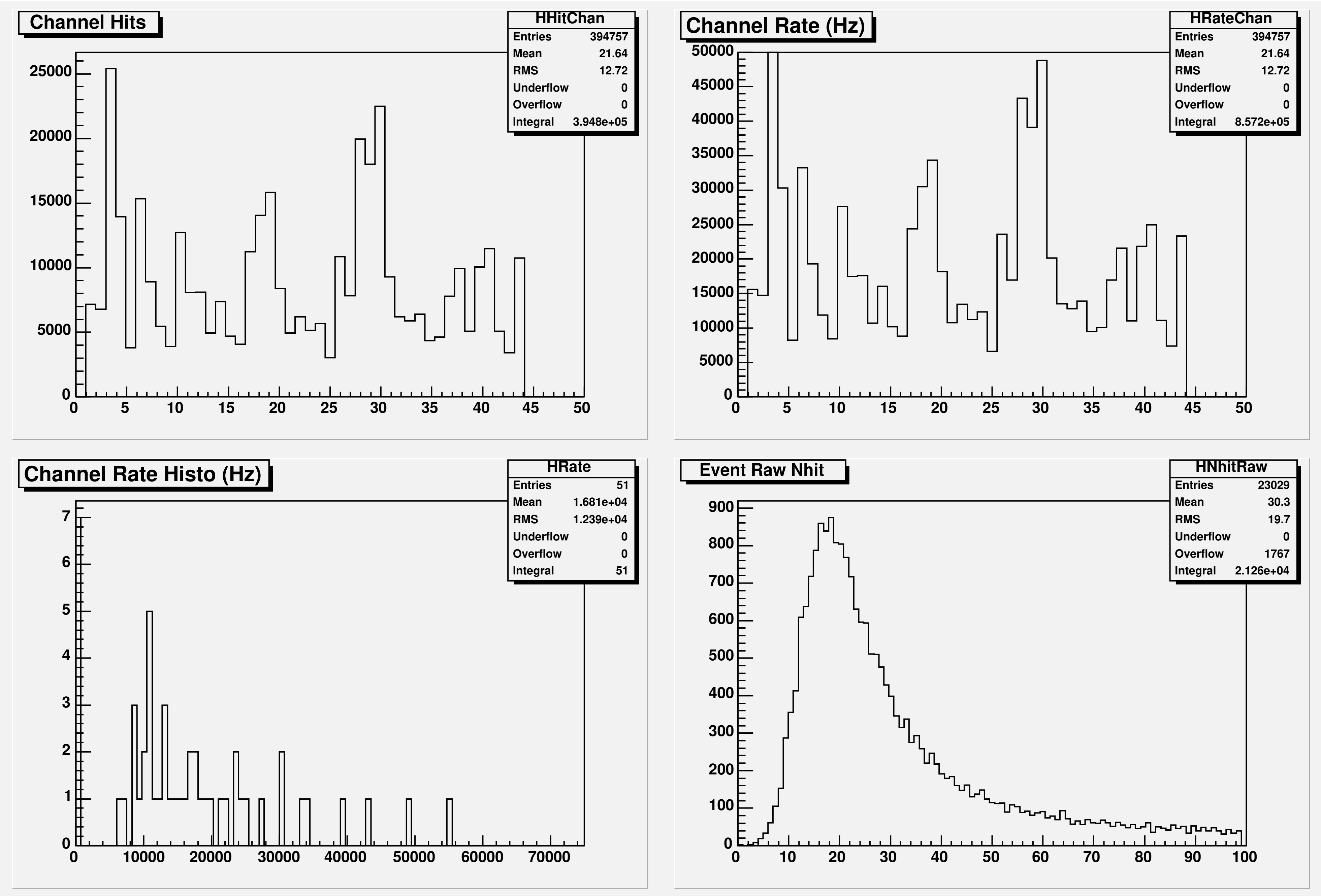
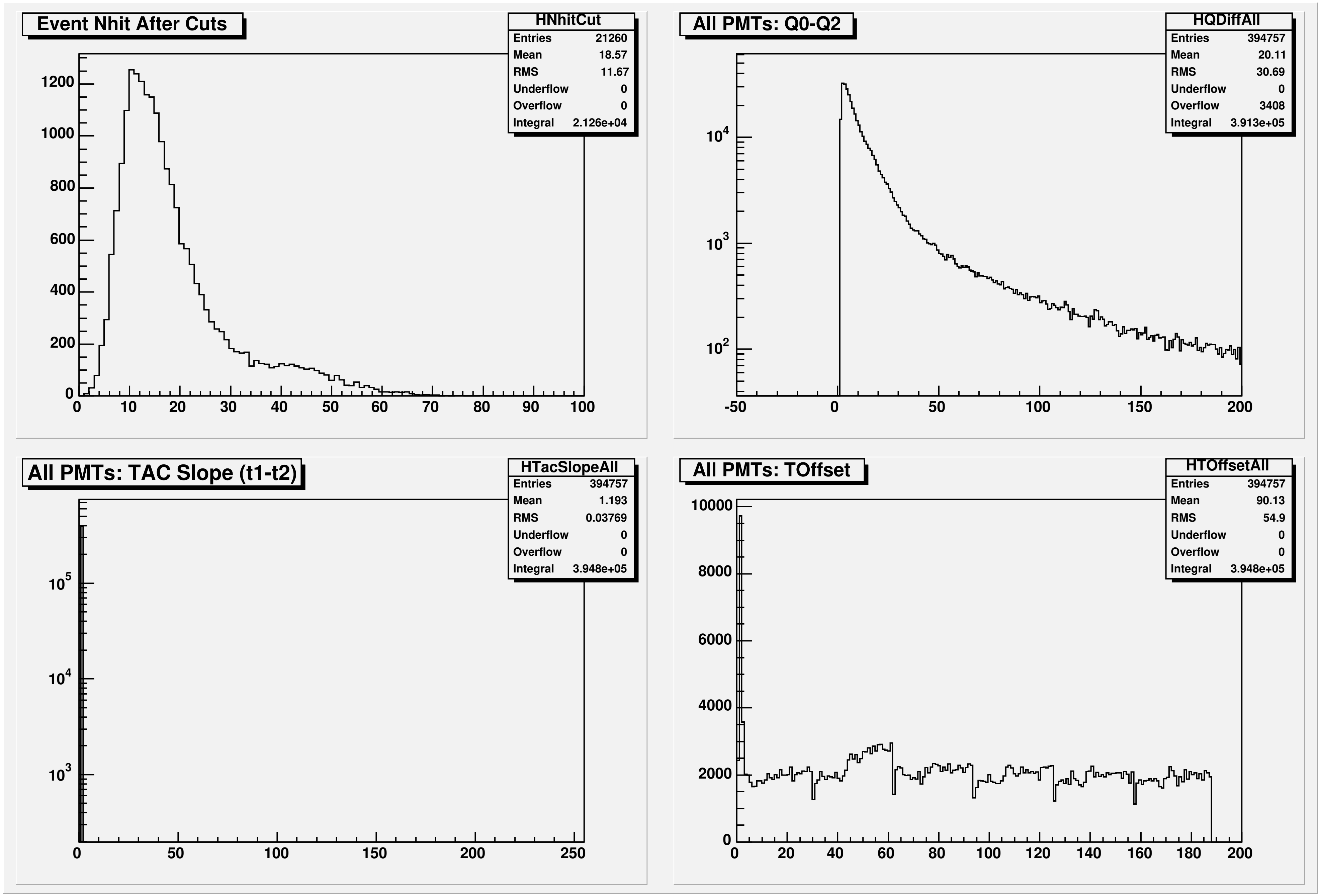
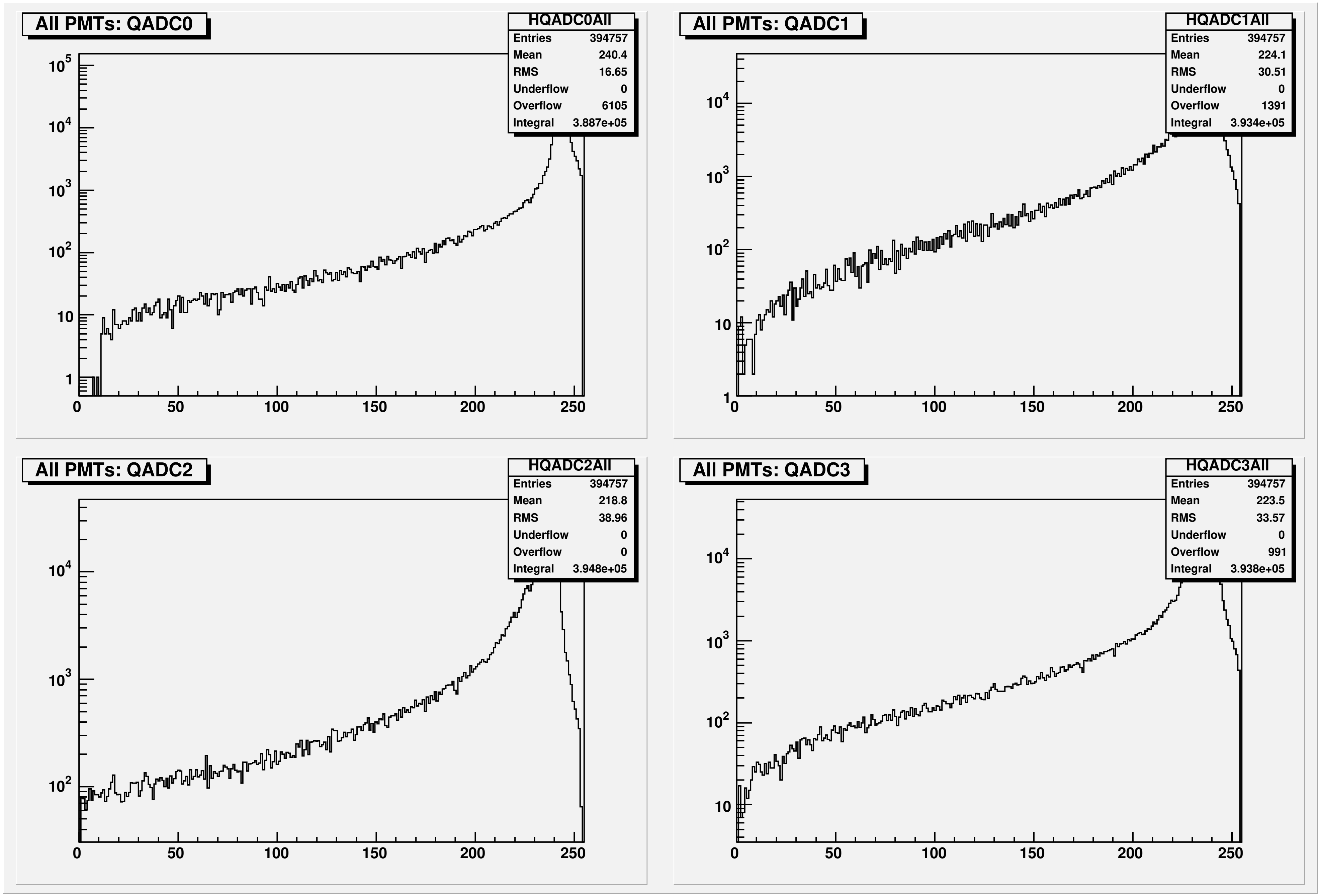
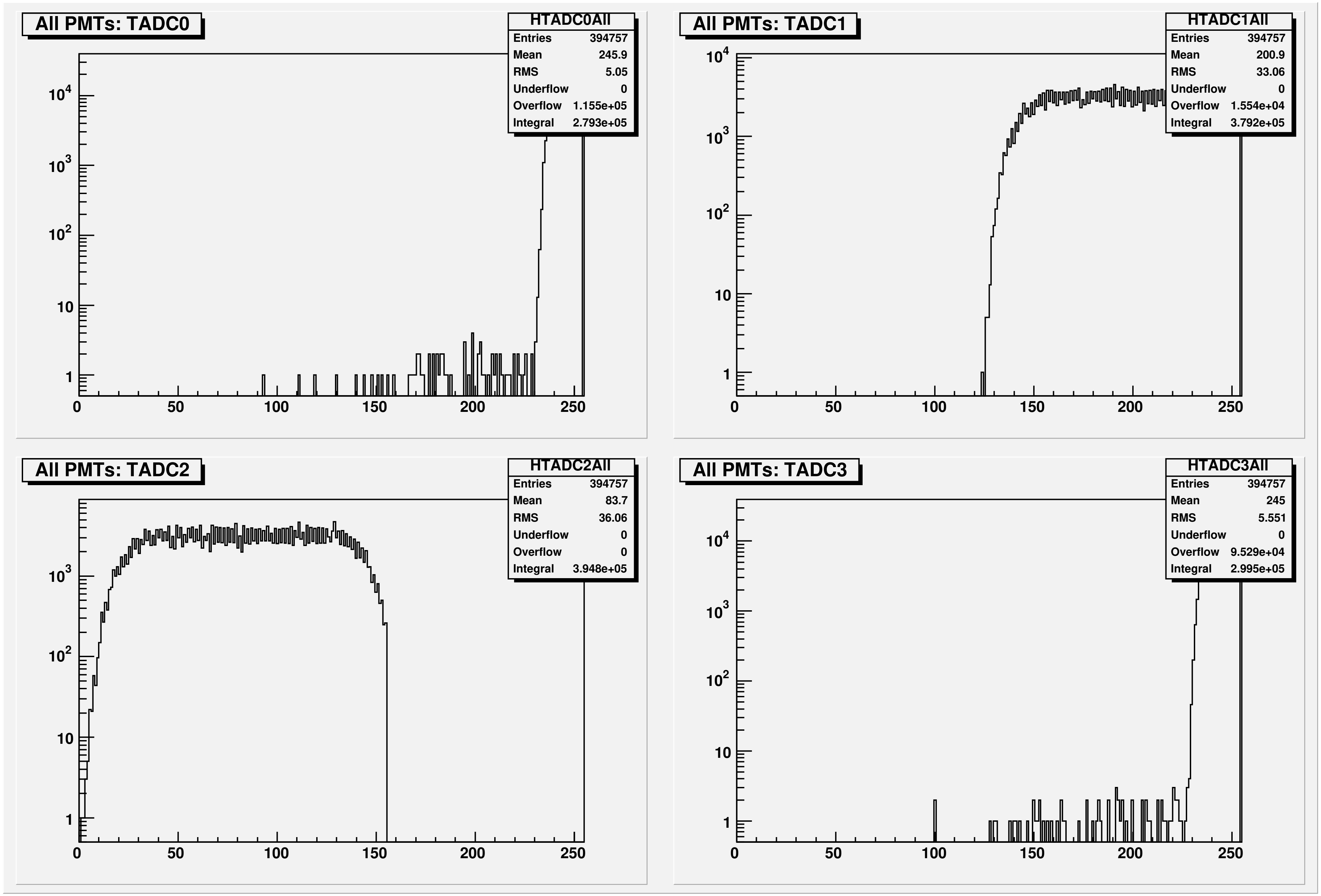
RUN: VlandCF252 Run11558 CF252

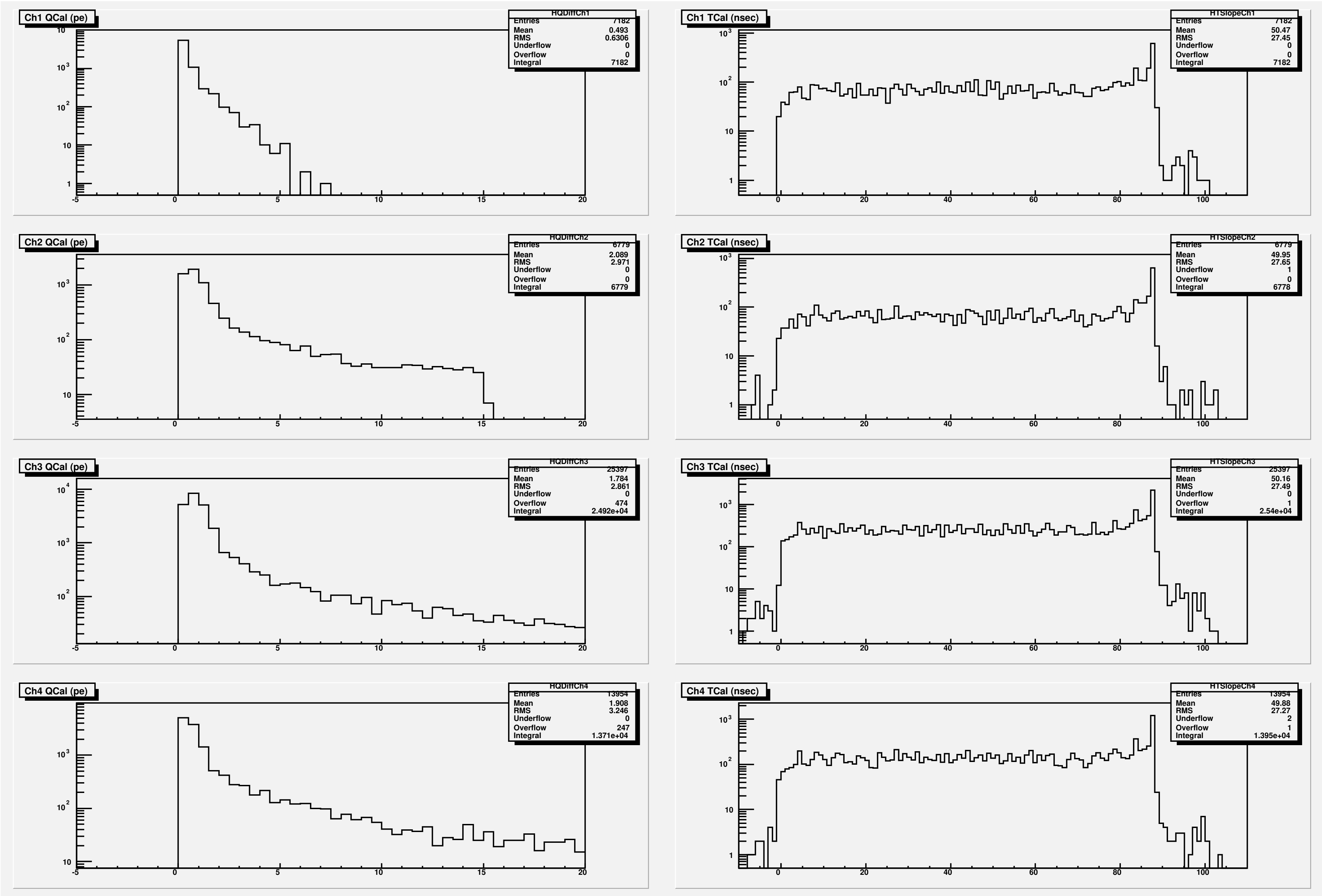

Channel Hits
HHitChan
Entries 394757
Mean 21.64
RMS 12.72
Underflow 0
Overflow 0
Integral 3.948e+05
Channel Rate (Hz)
HRateChan
Entries 394757
Mean 21.64
RMS 12.72
Underflow 0
Overflow 0
Integral 8.572e+05
Channel Rate Histo (Hz)
HRate
Entries 51
Mean 1.681e+04
RMS 1.239e+04
Underflow 0
Overflow 0
Integral 51
Event Raw Nhit
HNhitRaw
Entries 23029
Mean 30.3
RMS 19.7
Underflow 0
Overflow 1767
Integral 2.126e+04

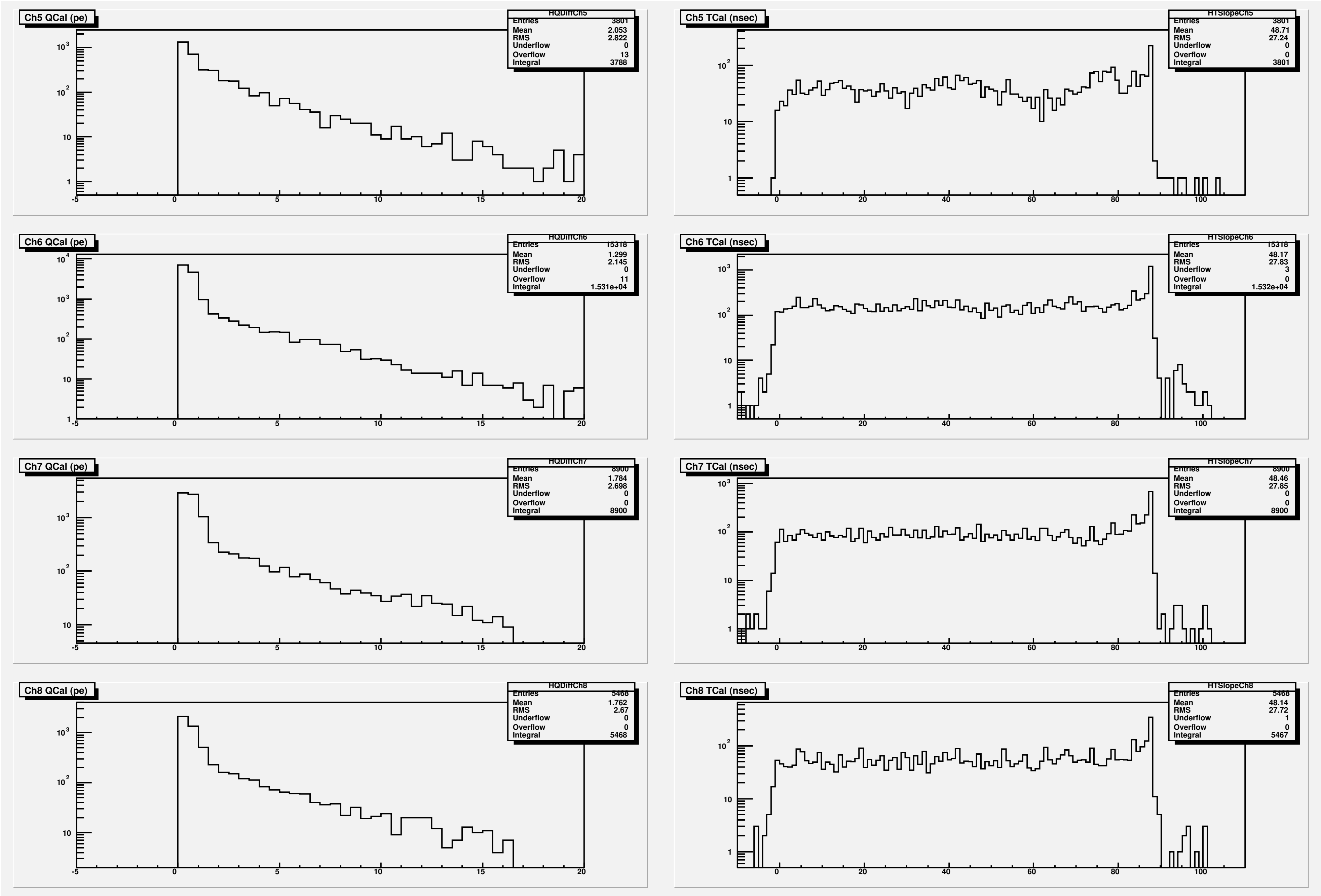


Event Nhit After Cuts
HNhitCut
Entries 21260
Mean 18.57
RMS 11.67
Underflow 0
Overflow 0
Integral 2.126e+04
All PMTs: Q0-Q2
HQDiffAll
Entries 394757
Mean 20.11
RMS 30.69
Underflow 0
Overflow 3408
Integral 3.913e+05
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 394757
Mean 1.193
RMS 0.03769
Underflow 0
Overflow 0
Integral 3.948e+05
All PMTs: TOffset
HTOffsetAll
Entries 394757
Mean 90.13
RMS 54.9
Underflow 0
Overflow 0
Integral 3.948e+05

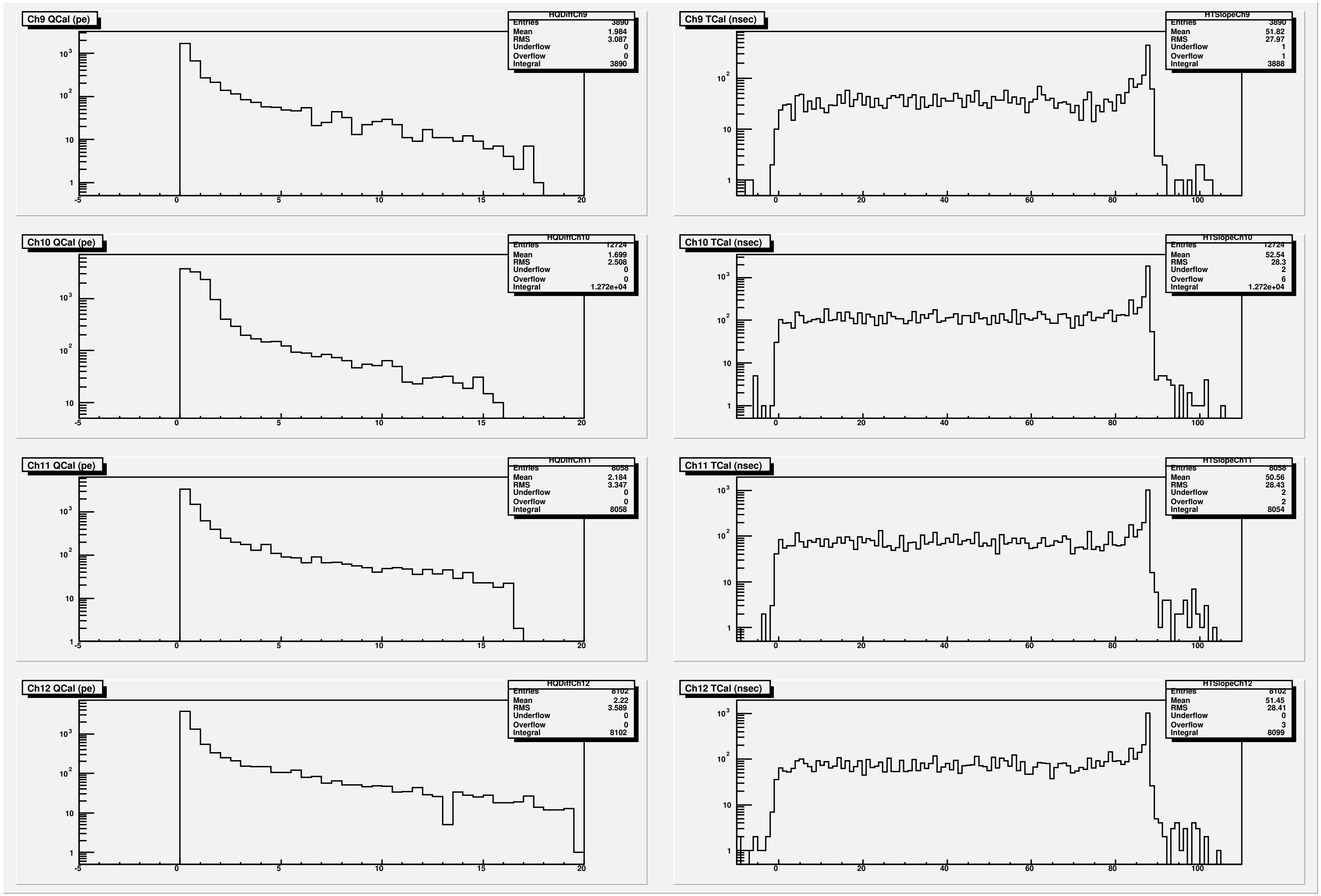

All PMTs: QADC0
HQADC0All
Entries 394757
Mean 240.4
RMS 16.65
Underflow 0
Overflow 6105
Integral 3.887e+05
All PMTs: QADC1
HQADC1All
Entries 394757
Mean 224.1
RMS 30.51
Underflow 0
Overflow 1391
Integral 3.934e+05
All PMTs: QADC2
HQADC2All
Entries 394757
Mean 218.8
RMS 38.96
Underflow 0
Overflow 0
Integral 3.948e+05
All PMTs: QADC3
HQADC3All
Entries 394757
Mean 223.5
RMS 33.57
Underflow 0
Overflow 991
Integral 3.938e+05
0
50
100
150
200
250

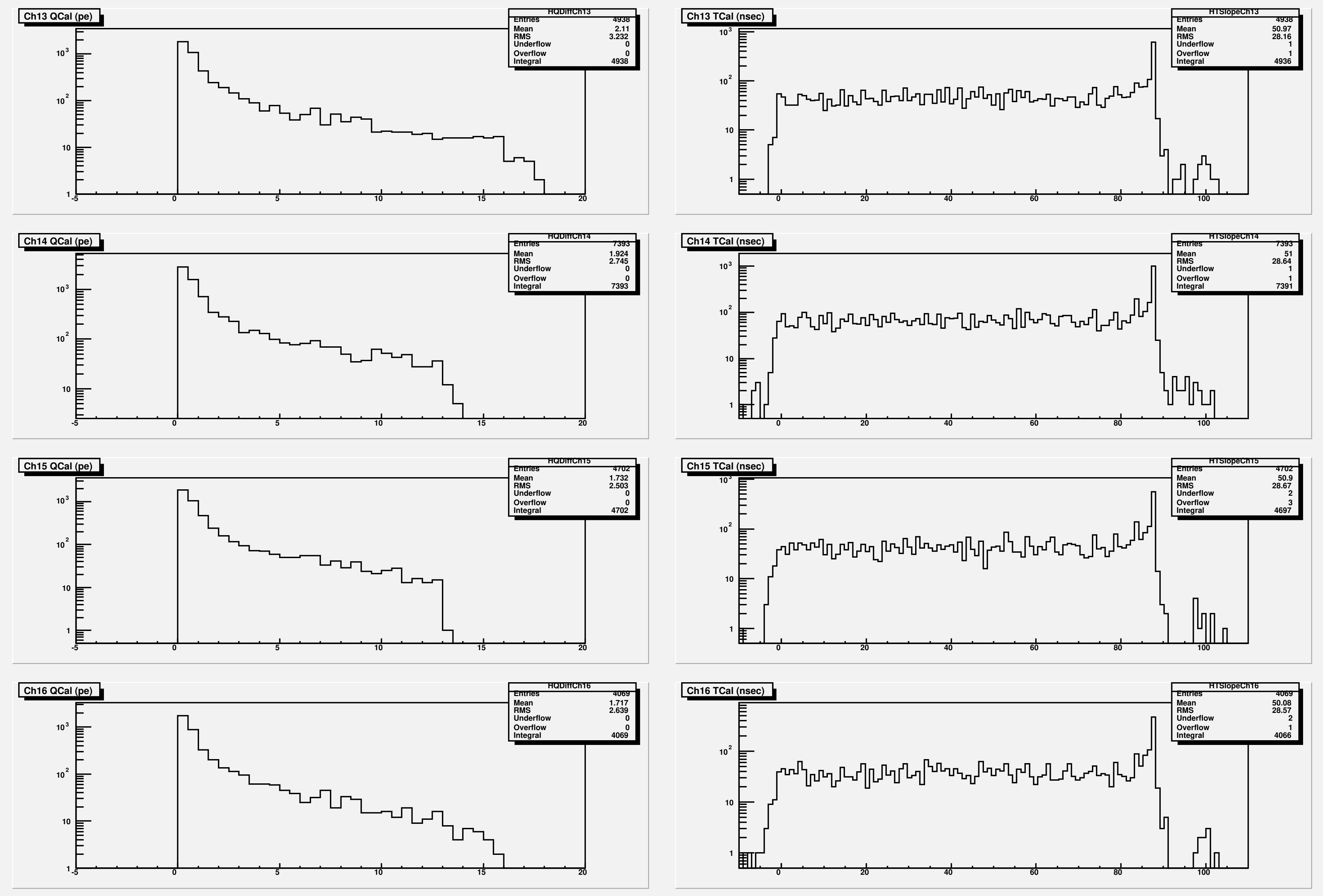

All PMTs: TADC0
HTADC0All
Entries 394757
Mean 245.9
RMS 5.05
Underflow 0
Overflow 1.155e+05
Integral 2.793e+05
All PMTs: TADC1
HTADC1All
Entries 394757
Mean 200.9
RMS 33.06
Underflow 0
Overflow 1.554e+04
Integral 3.792e+05
All PMTs: TADC2
HTADC2All
Entries 394757
Mean 83.7
RMS 36.06
Underflow 0
Overflow 0
Integral 3.948e+05
All PMTs: TADC3
HTADC3All
Entries 394757
Mean 245
RMS 5.551
Underflow 0
Overflow 9.529e+04
Integral 2.995e+05


Ch1 QCal (pe)
HQDiffCh1
Entries 7182
Mean 0.493
RMS 0.6306
Underflow 0
Overflow 0
Integral 7182
Ch1 TCal (nsec)
HTSlopeCh1
Entries 7182
Mean 50.47
RMS 27.45
Underflow 0
Overflow 0
Integral 7182
Ch2 QCal (pe)
HQDiffCh2
Entries 6779
Mean 2.089
RMS 2.971
Underflow 0
Overflow 0
Integral 6779
Ch2 TCal (nsec)
HTSlopeCh2
Entries 6779
Mean 49.95
RMS 27.65
Underflow 1
Overflow 0
Integral 6778
Ch3 QCal (pe)
HQDiffCh3
Entries 25397
Mean 1.784
RMS 2.861
Underflow 0
Overflow 474
Integral 2.492e+04
Ch3 TCal (nsec)
HTSlopeCh3
Entries 25397
Mean 50.16
RMS 27.49
Underflow 0
Overflow 1
Integral 2.54e+04
Ch4 QCal (pe)
HQDiffCh4
Entries 13954
Mean 1.908
RMS 3.246
Underflow 0
Overflow 247
Integral 1.371e+04
Ch4 TCal (nsec)
HTSlopeCh4
Entries 13954
Mean 49.88
RMS 27.27
Underflow 2
Overflow 1
Integral 1.395e+04

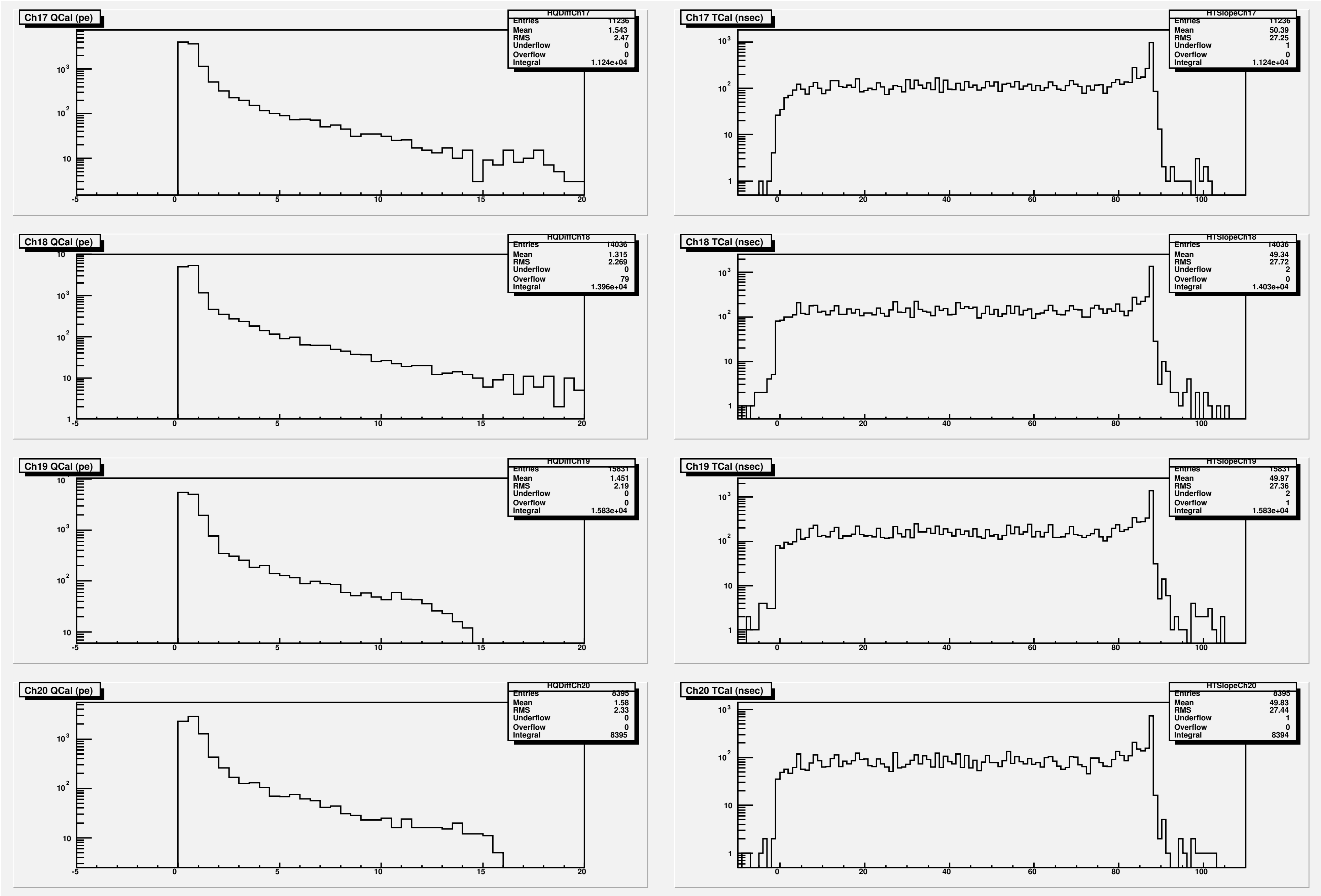


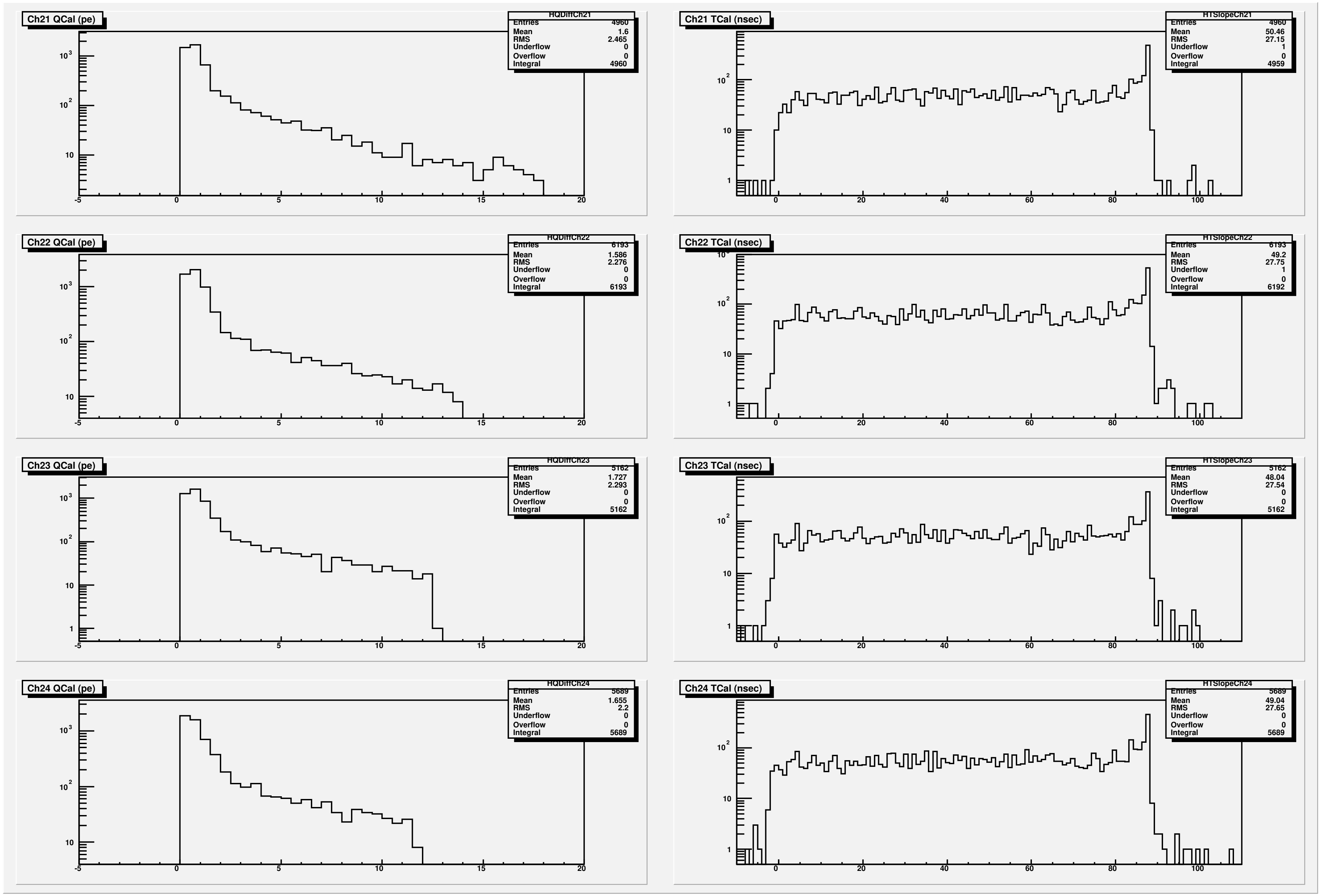
Ch5 QCal (pe)
HQDiffCh5
Entries 3801
Mean 2.053
RMS 2.822
Underflow 0
Overflow 13
Integral 3788
Ch5 TCal (nsec)
HTSlopeCh5
Entries 3801
Mean 48.71
RMS 27.24
Underflow 0
Overflow 0
Integral 3801
Ch6 QCal (pe)
HQDiffCh6
Entries 15318
Mean 1.299
RMS 2.145
Underflow 0
Overflow 11
Integral 1.531e+04
Ch6 TCal (nsec)
HTSlopeCh6
Entries 15318
Mean 48.17
RMS 27.83
Underflow 3
Overflow 0
Integral 1.532e+04
Ch7 QCal (pe)
HQDiffCh7
Entries 8900
Mean 1.784
RMS 2.698
Underflow 0
Overflow 0
Integral 8900
Ch7 TCal (nsec)
HTSlopeCh7
Entries 8900
Mean 48.46
RMS 27.85
Underflow 0
Overflow 0
Integral 8900
Ch8 QCal (pe)
HQDiffCh8
Entries 5468
Mean 1.762
RMS 2.67
Underflow 0
Overflow 0
Integral 5468
Ch8 TCal (nsec)
HTSlopeCh8
Entries 5468
Mean 48.14
RMS 27.72
Underflow 1
Overflow 0
Integral 5467

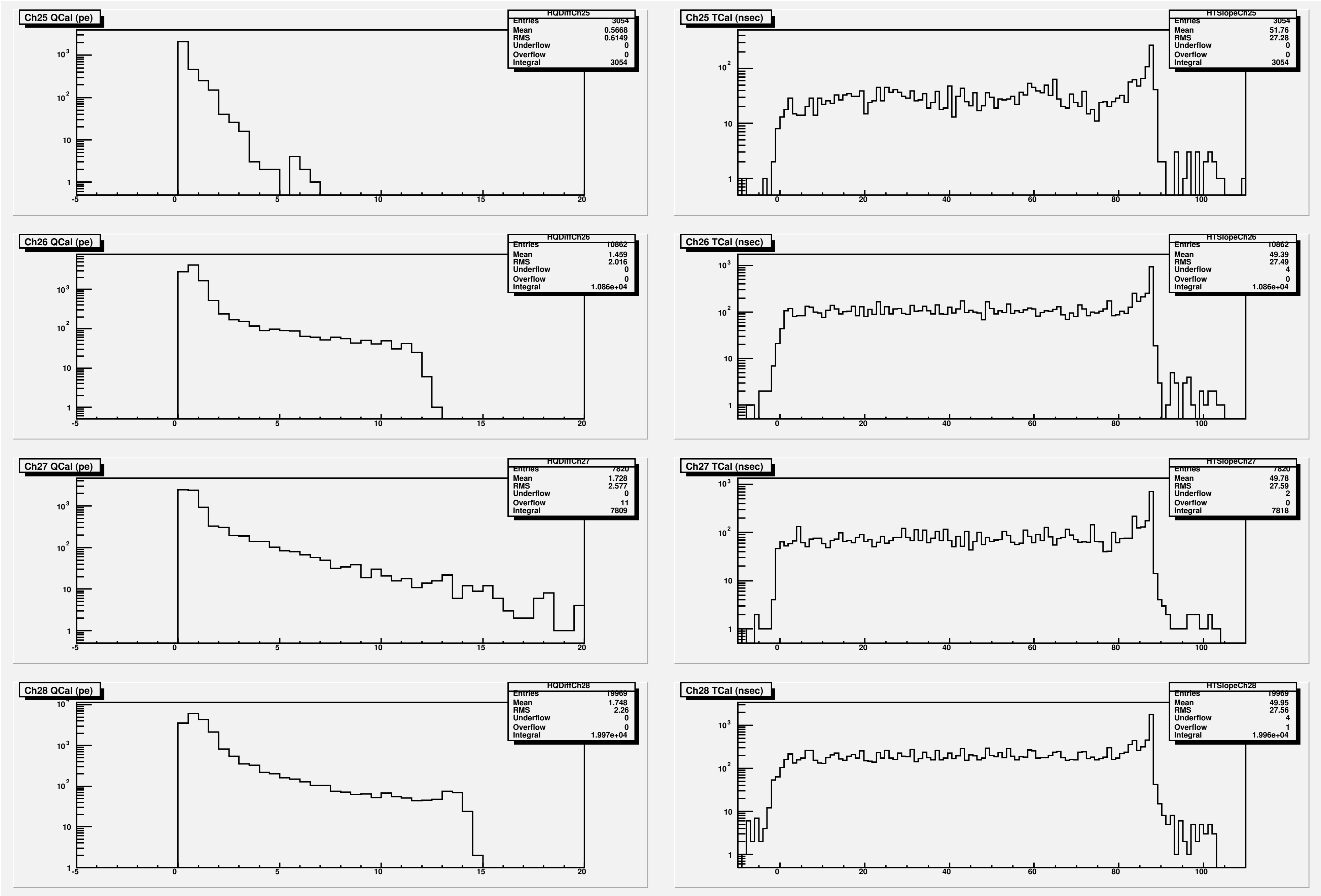

Ch9 QCal (pe)
HQDiffCh9
Entries 3890
Mean 1.984
RMS 3.087
Underflow 0
Overflow 0
Integral 3890
Ch9 TCal (nsec)
HTSlopeCh9
Entries 3890
Mean 51.82
RMS 27.97
Underflow 1
Overflow 1
Integral 3888
Ch10 QCal (pe)
HQDiffCh10
Entries 12724
Mean 1.699
RMS 2.508
Underflow 0
Overflow 0
Integral 1.272e+04
Ch10 TCal (nsec)
HTSlopeCh10
Entries 12724
Mean 52.54
RMS 28.3
Underflow 2
Overflow 6
Integral 1.272e+04
Ch11 QCal (pe)
HQDiffCh11
Entries 8058
Mean 2.184
RMS 3.347
Underflow 0
Overflow 0
Integral 8058
Ch11 TCal (nsec)
HTSlopeCh11
Entries 8058
Mean 50.56
RMS 28.43
Underflow 2
Overflow 2
Integral 8054
Ch12 QCal (pe)
HQDiffCh12
Entries 8102
Mean 2.22
RMS 3.589
Underflow 0
Overflow 0
Integral 8102
Ch12 TCal (nsec)
HTSlopeCh12
Entries 8102
Mean 51.45
RMS 28.41
Underflow 0
Overflow 3
Integral 8099



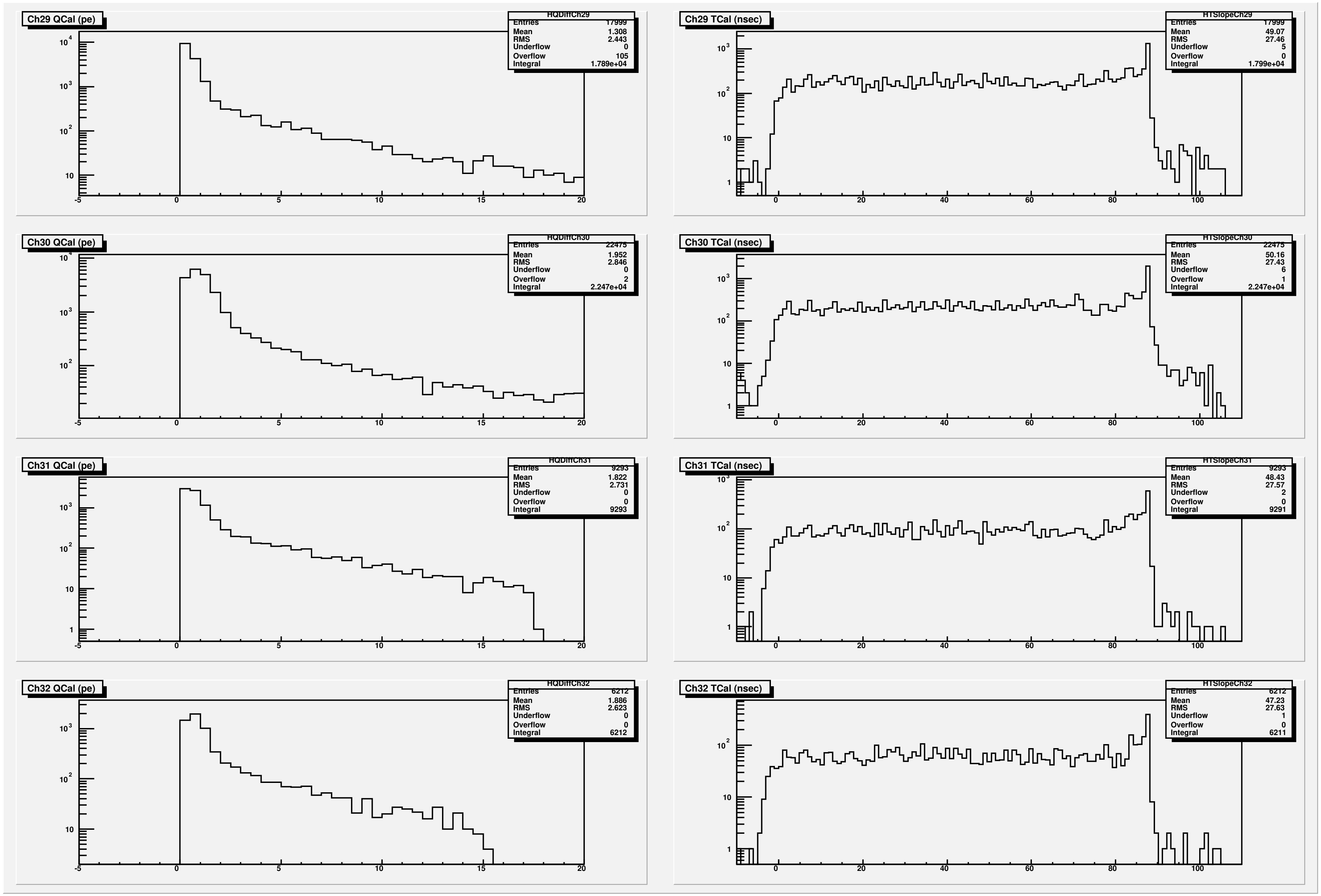
Ch13 QCal (pe)
HQDiffCh13
Entries 4938
Mean 2.11
RMS 3.232
Underflow 0
Overflow 0
Integral 4938
Ch13 TCal (nsec)
HTSlopeCh13
Entries 4938
Mean 50.97
RMS 28.16
Underflow 1
Overflow 1
Integral 4936
Ch14 QCal (pe)
HQDiffCh14
Entries 7393
Mean 1.924
RMS 2.745
Underflow 0
Overflow 0
Integral 7393
Ch14 TCal (nsec)
HTSlopeCh14
Entries 7393
Mean 51
RMS 28.64
Underflow 1
Overflow 1
Integral 7391
Ch15 QCal (pe)
HQDiffCh15
Entries 4702
Mean 1.732
RMS 2.503
Underflow 0
Overflow 0
Integral 4702
Ch15 TCal (nsec)
HTSlopeCh15
Entries 4702
Mean 50.9
RMS 28.67
Underflow 2
Overflow 3
Integral 4697
Ch16 QCal (pe)
HQDiffCh16
Entries 4069
Mean 1.717
RMS 2.639
Underflow 0
Overflow 0
Integral 4069
Ch16 TCal (nsec)
HTSlopeCh16
Entries 4069
Mean 50.08
RMS 28.57
Underflow 2
Overflow 1
Integral 4066


Ch17 QCal (pe)
HQDiffCh17
Entries 11236
Mean 1.543
RMS 2.47
Underflow 0
Overflow 0
Integral 1.124e+04
Ch17 TCal (nsec)
HTSlopeCh17
Entries 11236
Mean 50.39
RMS 27.25
Underflow 1
Overflow 0
Integral 1.124e+04
Ch18 QCal (pe)
HQDiffCh18
Entries 14036
Mean 1.315
RMS 2.269
Underflow 0
Overflow 79
Integral 1.396e+04
Ch18 TCal (nsec)
HTSlopeCh18
Entries 14036
Mean 49.34
RMS 27.72
Underflow 2
Overflow 0
Integral 1.403e+04
Ch19 QCal (pe)
HQDiffCh19
Entries 15831
Mean 1.451
RMS 2.19
Underflow 0
Overflow 0
Integral 1.583e+04
Ch19 TCal (nsec)
HTSlopeCh19
Entries 15831
Mean 49.97
RMS 27.36
Underflow 2
Overflow 1
Integral 1.583e+04
Ch20 QCal (pe)
HQDiffCh20
Entries 8395
Mean 1.58
RMS 2.33
Underflow 0
Overflow 0
Integral 8395
Ch20 TCal (nsec)
HTSlopeCh20
Entries 8395
Mean 49.83
RMS 27.44
Underflow 1
Overflow 0
Integral 8394

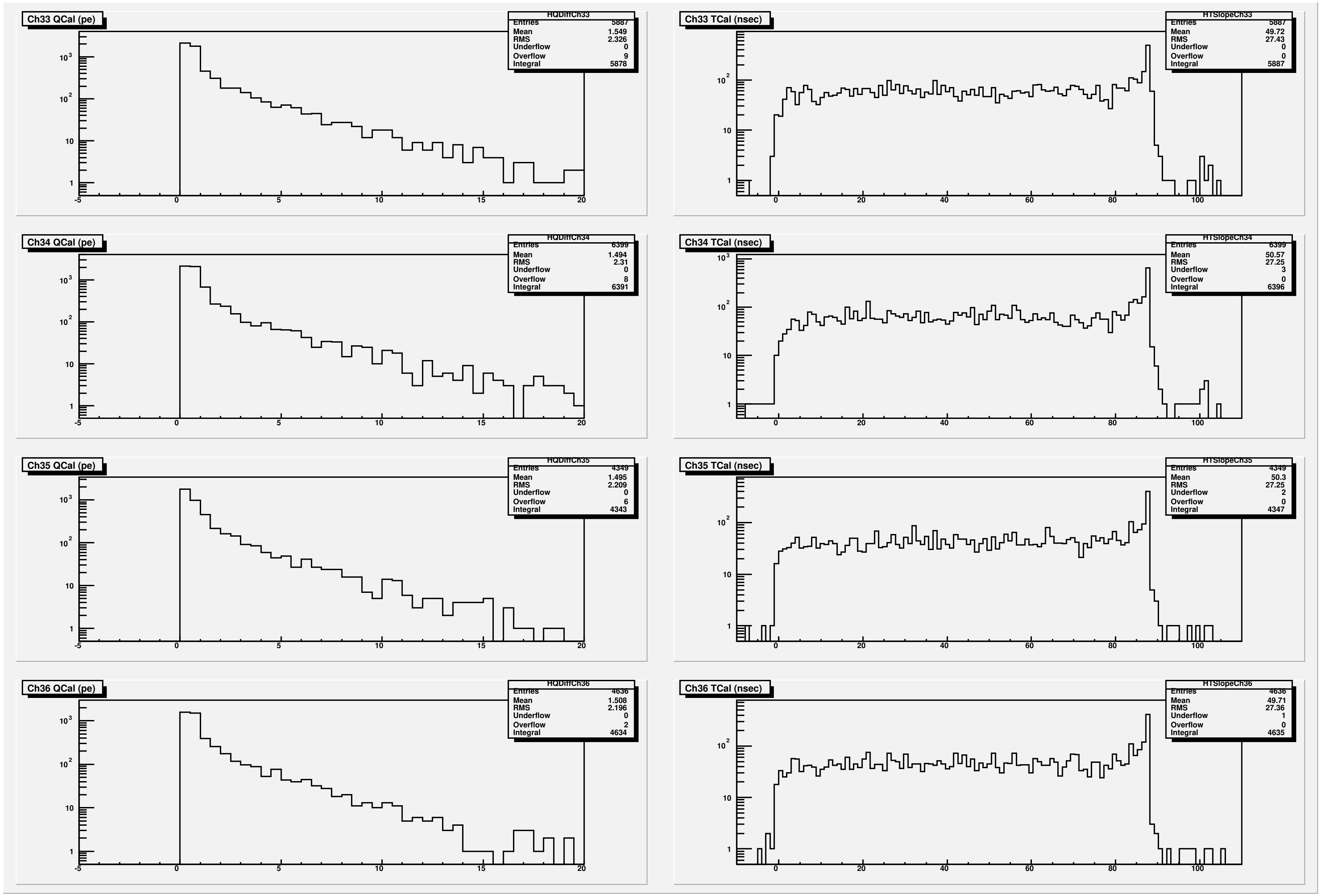

Ch21 QCal (pe)
HQDiffCh21
Entries 4960
Mean 1.6
RMS 2.465
Underflow 0
Overflow 0
Integral 4960
Ch21 TCal (nsec)
HTSlopeCh21
Entries 4960
Mean 50.46
RMS 27.15
Underflow 1
Overflow 0
Integral 4959
Ch22 QCal (pe)
HQDiffCh22
Entries 6193
Mean 1.586
RMS 2.276
Underflow 0
Overflow 0
Integral 6193
Ch22 TCal (nsec)
HTSlopeCh22
Entries 6193
Mean 49.2
RMS 27.75
Underflow 1
Overflow 0
Integral 6192
Ch23 QCal (pe)
HQDiffCh23
Entries 5162
Mean 1.727
RMS 2.293
Underflow 0
Overflow 0
Integral 5162
Ch23 TCal (nsec)
HTSlopeCh23
Entries 5162
Mean 48.04
RMS 27.54
Underflow 0
Overflow 0
Integral 5162
Ch24 QCal (pe)
HQDiffCh24
Entries 5689
Mean 1.655
RMS 2.2
Underflow 0
Overflow 0
Integral 5689
Ch24 TCal (nsec)
HTSlopeCh24
Entries 5689
Mean 49.04
RMS 27.65
Underflow 0
Overflow 0
Integral 5689

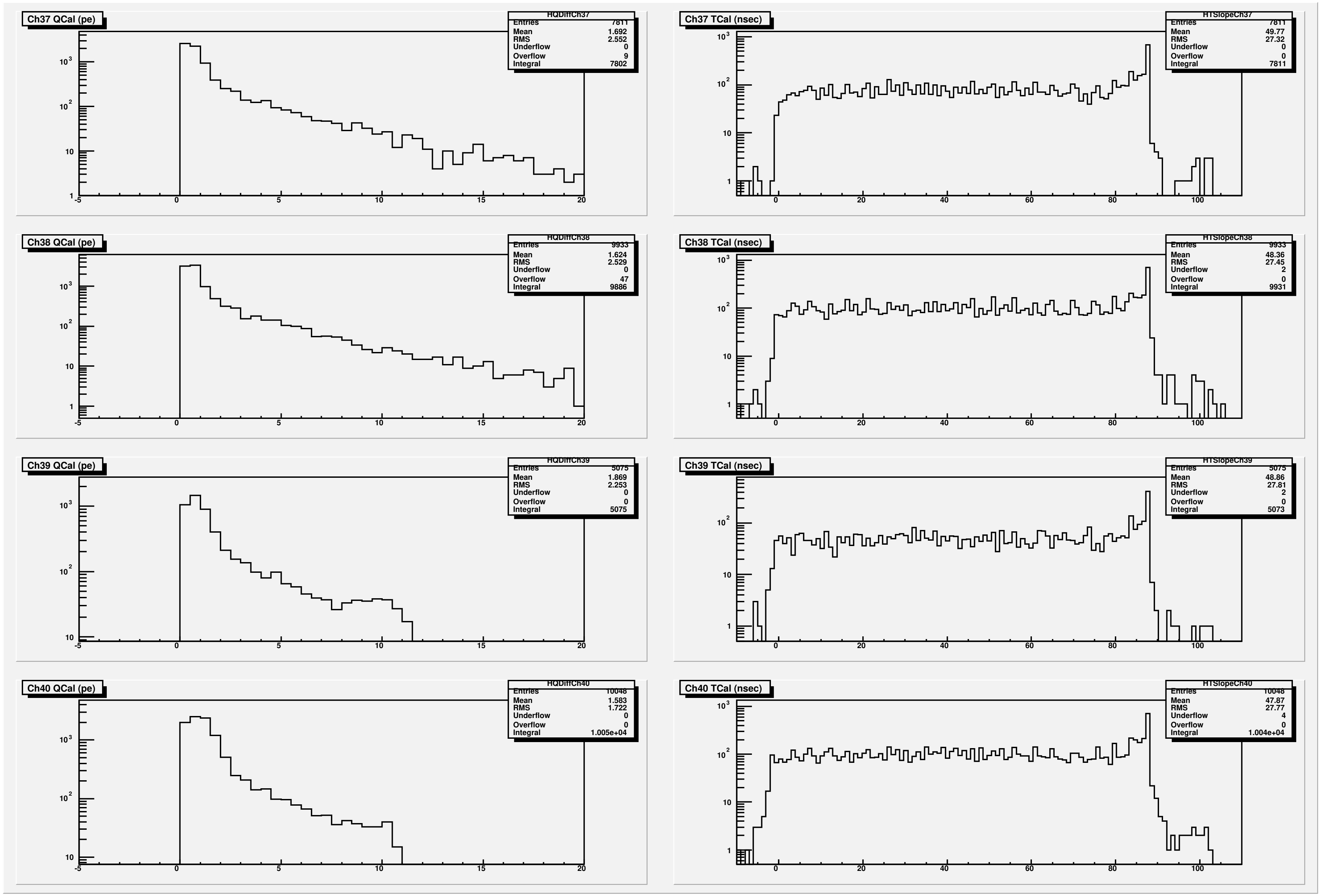


Ch25 QCal (pe)
HQDiffCh25
Entries 3054
Mean 0.5668
RMS 0.6149
Underflow 0
Overflow 0
Integral 3054
Ch25 TCal (nsec)
HTSlopeCh25
Entries 3054
Mean 51.76
RMS 27.28
Underflow 0
Overflow 0
Integral 3054
Ch26 QCal (pe)
HQDiffCh26
Entries 10862
Mean 1.459
RMS 2.016
Underflow 0
Overflow 0
Integral 1.086e+04
Ch26 TCal (nsec)
HTSlopeCh26
Entries 10862
Mean 49.39
RMS 27.49
Underflow 4
Overflow 0
Integral 1.086e+04
Ch27 QCal (pe)
HQDiffCh27
Entries 7820
Mean 1.728
RMS 2.577
Underflow 0
Overflow 11
Integral 7809
Ch27 TCal (nsec)
HTSlopeCh27
Entries 7820
Mean 49.78
RMS 27.59
Underflow 2
Overflow 0
Integral 7818
Ch28 QCal (pe)
HQDiffCh28
Entries 19969
Mean 1.748
RMS 2.26
Underflow 0
Overflow 0
Integral 1.997e+04
Ch28 TCal (nsec)
HTSlopeCh28
Entries 19969
Mean 49.95
RMS 27.56
Underflow 4
Overflow 1
Integral 1.996e+04

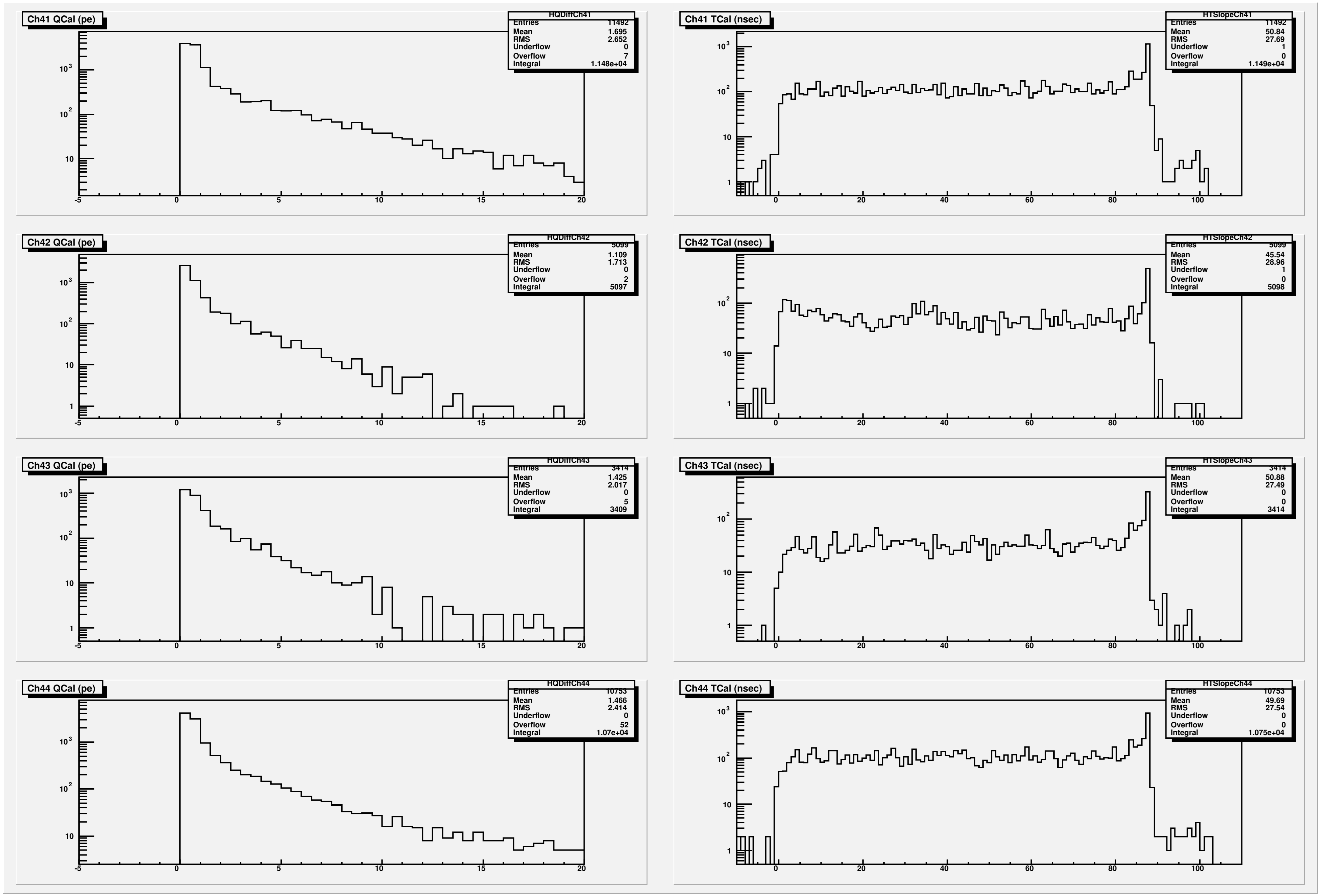


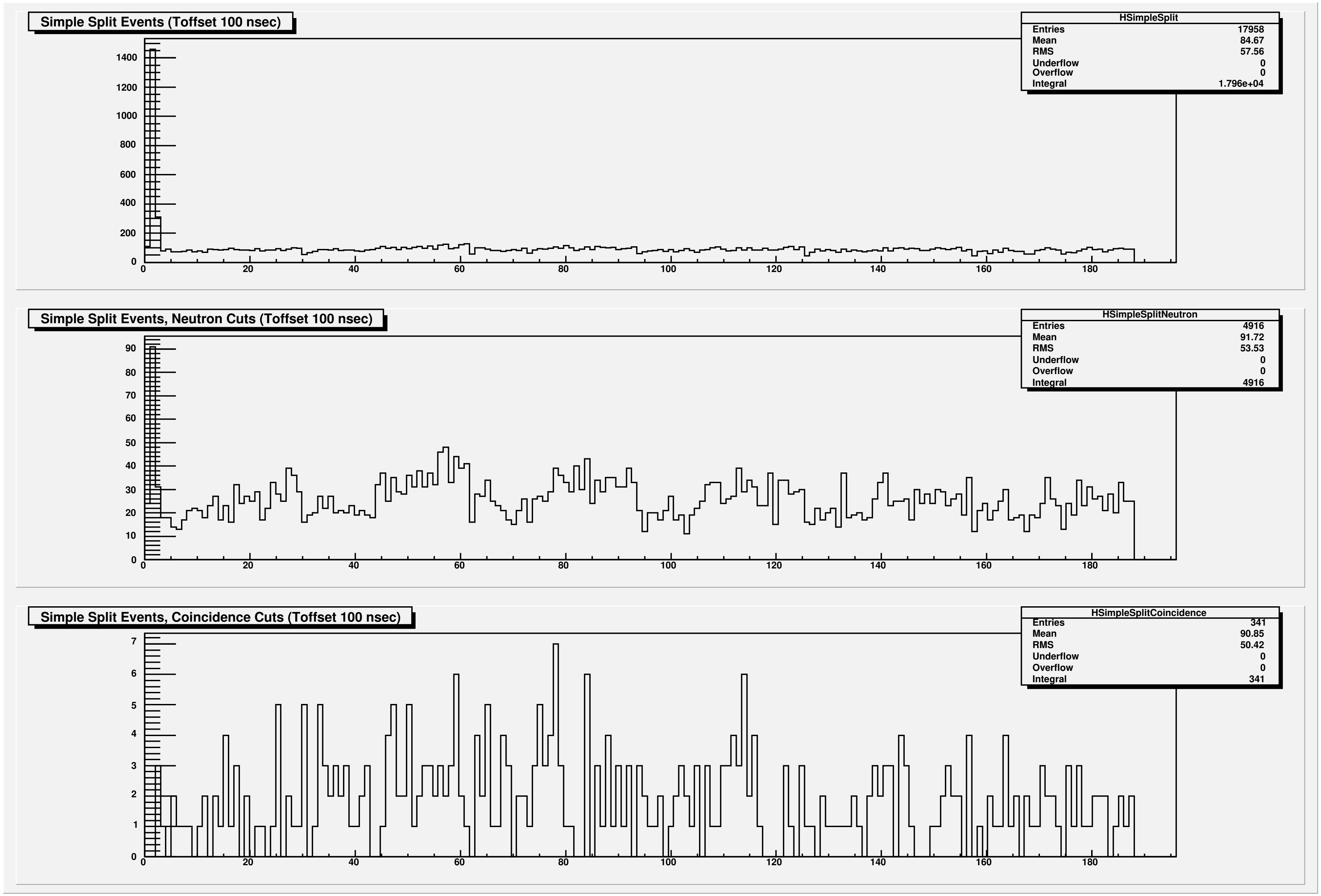
Ch29 QCal (pe)
HQDiffCh29
Entries 17999
Mean 1.308
RMS 2.443
Underflow 0
Overflow 105
Integral 1.789e+04
Ch29 TCal (nsec)
HTSlopeCh29
Entries 17999
Mean 49.07
RMS 27.46
Underflow 5
Overflow 0
Integral 1.799e+04
Ch30 QCal (pe)
HQDiffCh30
Entries 22475
Mean 1.952
RMS 2.846
Underflow 0
Overflow 2
Integral 2.247e+04
Ch30 TCal (nsec)
HTSlopeCh30
Entries 22475
Mean 50.16
RMS 27.43
Underflow 6
Overflow 1
Integral 2.247e+04
Ch31 QCal (pe)
HQDiffCh31
Entries 9293
Mean 1.822
RMS 2.731
Underflow 0
Overflow 0
Integral 9293
Ch31 TCal (nsec)
HTSlopeCh31
Entries 9293
Mean 48.43
RMS 27.57
Underflow 2
Overflow 0
Integral 9291
Ch32 QCal (pe)
HQDiffCh32
Entries 6212
Mean 1.886
RMS 2.623
Underflow 0
Overflow 0
Integral 6212
Ch32 TCal (nsec)
HTSlopeCh32
Entries 6212
Mean 47.23
RMS 27.63
Underflow 1
Overflow 0
Integral 6211

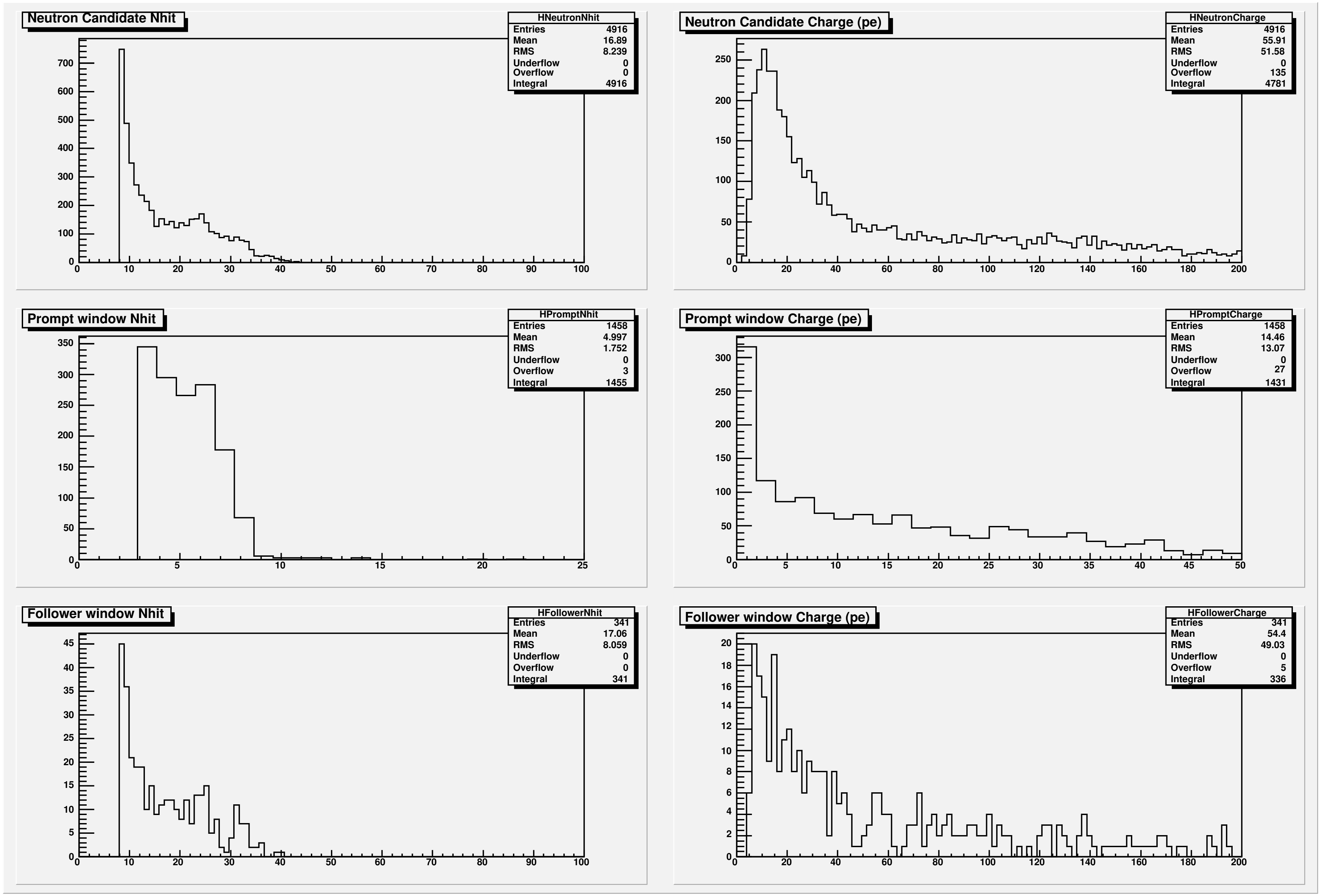

Ch33 QCal (pe)
HQDiffCh33
Entries 5887
Mean 1.549
RMS 2.326
Underflow 0
Overflow 9
Integral 5878
Ch33 TCal (nsec)
HTSlopeCh33
Entries 5887
Mean 49.72
RMS 27.43
Underflow 0
Overflow 0
Integral 5887
Ch34 QCal (pe)
HQDiffCh34
Entries 6399
Mean 1.494
RMS 2.31
Underflow 0
Overflow 8
Integral 6391
Ch34 TCal (nsec)
HTSlopeCh34
Entries 6399
Mean 50.57
RMS 27.25
Underflow 3
Overflow 0
Integral 6396
Ch35 QCal (pe)
HQDiffCh35
Entries 4349
Mean 1.495
RMS 2.209
Underflow 0
Overflow 6
Integral 4343
Ch35 TCal (nsec)
HTSlopeCh35
Entries 4349
Mean 50.3
RMS 27.25
Underflow 2
Overflow 0
Integral 4347
Ch36 QCal (pe)
HQDiffCh36
Entries 4636
Mean 1.508
RMS 2.196
Underflow 0
Overflow 2
Integral 4634
Ch36 TCal (nsec)
HTSlopeCh36
Entries 4636
Mean 49.71
RMS 27.36
Underflow 1
Overflow 0
Integral 4635



Ch37 QCal (pe)
HQDiffCh37
Entries 7811
Mean 1.692
RMS 2.552
Underflow 0
Overflow 9
Integral 7802
Ch37 TCal (nsec)
HTSlopeCh37
Entries 7811
Mean 49.77
RMS 27.32
Underflow 0
Overflow 0
Integral 7811
Ch38 QCal (pe)
HQDiffCh38
Entries 9933
Mean 1.624
RMS 2.529
Underflow 0
Overflow 47
Integral 9886
Ch38 TCal (nsec)
HTSlopeCh38
Entries 9933
Mean 48.36
RMS 27.45
Underflow 2
Overflow 0
Integral 9931
Ch39 QCal (pe)
HQDiffCh39
Entries 5075
Mean 1.869
RMS 2.253
Underflow 0
Overflow 0
Integral 5075
Ch39 TCal (nsec)
HTSlopeCh39
Entries 5075
Mean 48.86
RMS 27.81
Underflow 2
Overflow 0
Integral 5073
Ch40 QCal (pe)
HQDiffCh40
Entries 10048
Mean 1.583
RMS 1.722
Underflow 0
Overflow 0
Integral 1.005e+04
Ch40 TCal (nsec)
HTSlopeCh40
Entries 10048
Mean 47.87
RMS 27.77
Underflow 4
Overflow 0
Integral 1.004e+04


Ch41 QCal (pe)
HQDiffCh41
Entries 11492
Mean 1.695
RMS 2.652
Underflow 0
Overflow 7
Integral 1.148e+04
Ch41 TCal (nsec)
HTSlopeCh41
Entries 11492
Mean 50.84
RMS 27.69
Underflow 1
Overflow 0
Integral 1.149e+04
Ch42 QCal (pe)
HQDiffCh42
Entries 5099
Mean 1.109
RMS 1.713
Underflow 0
Overflow 2
Integral 5097
Ch42 TCal (nsec)
HTSlopeCh42
Entries 5099
Mean 45.54
RMS 28.96
Underflow 1
Overflow 0
Integral 5098
Ch43 QCal (pe)
HQDiffCh43
Entries 3414
Mean 1.425
RMS 2.017
Underflow 0
Overflow 5
Integral 3409
Ch43 TCal (nsec)
HTSlopeCh43
Entries 3414
Mean 50.88
RMS 27.49
Underflow 0
Overflow 0
Integral 3414
Ch44 QCal (pe)
HQDiffCh44
Entries 10753
Mean 1.466
RMS 2.414
Underflow 0
Overflow 52
Integral 1.07e+04
Ch44 TCal (nsec)
HTSlopeCh44
Entries 10753
Mean 49.69
RMS 27.54
Underflow 0
Overflow 0
Integral 1.075e+04


Simple Split Events (Toffset 100 nsec)
HSimpleSplit
Entries 17958
Mean 84.67
RMS 57.56
Underflow 0
Overflow 0
Integral 1.796e+04
Simple Split Events, Neutron Cuts (Toffset 100 nsec)
HSimpleSplitNeutron
Entries 4916
Mean 91.72
RMS 53.53
Underflow 0
Overflow 0
Integral 4916
Simple Split Events, Coincidence Cuts (Toffset 100 nsec)
HSimpleSplitCoincidence
Entries 341
Mean 90.85
RMS 50.42
Underflow 0
Overflow 0
Integral 341



Neutron Candidate Nhit
HNeutronNhit
Entries 4916
Mean 16.89
RMS 8.239
Underflow 0
Overflow 0
Integral 4916
Neutron Candidate Charge (pe)
HNeutronCharge
Entries 4916
Mean 55.91
RMS 51.58
Underflow 0
Overflow 135
Integral 4781
Prompt window Nhit
HPromptNhit
Entries 1458
Mean 4.997
RMS 1.752
Underflow 0
Overflow 3
Integral 1455
Prompt window Charge (pe)
HPromptCharge
Entries 1458
Mean 14.46
RMS 13.07
Underflow 0
Overflow 27
Integral 1431
Follower window Nhit
HFollowerNhit
Entries 341
Mean 17.06
RMS 8.059
Underflow 0
Overflow 0
Integral 341
Follower window Charge (pe)
HFollowerCharge
Entries 341
Mean 54.4
RMS 49.03
Underflow 0
Overflow 5
Integral 336