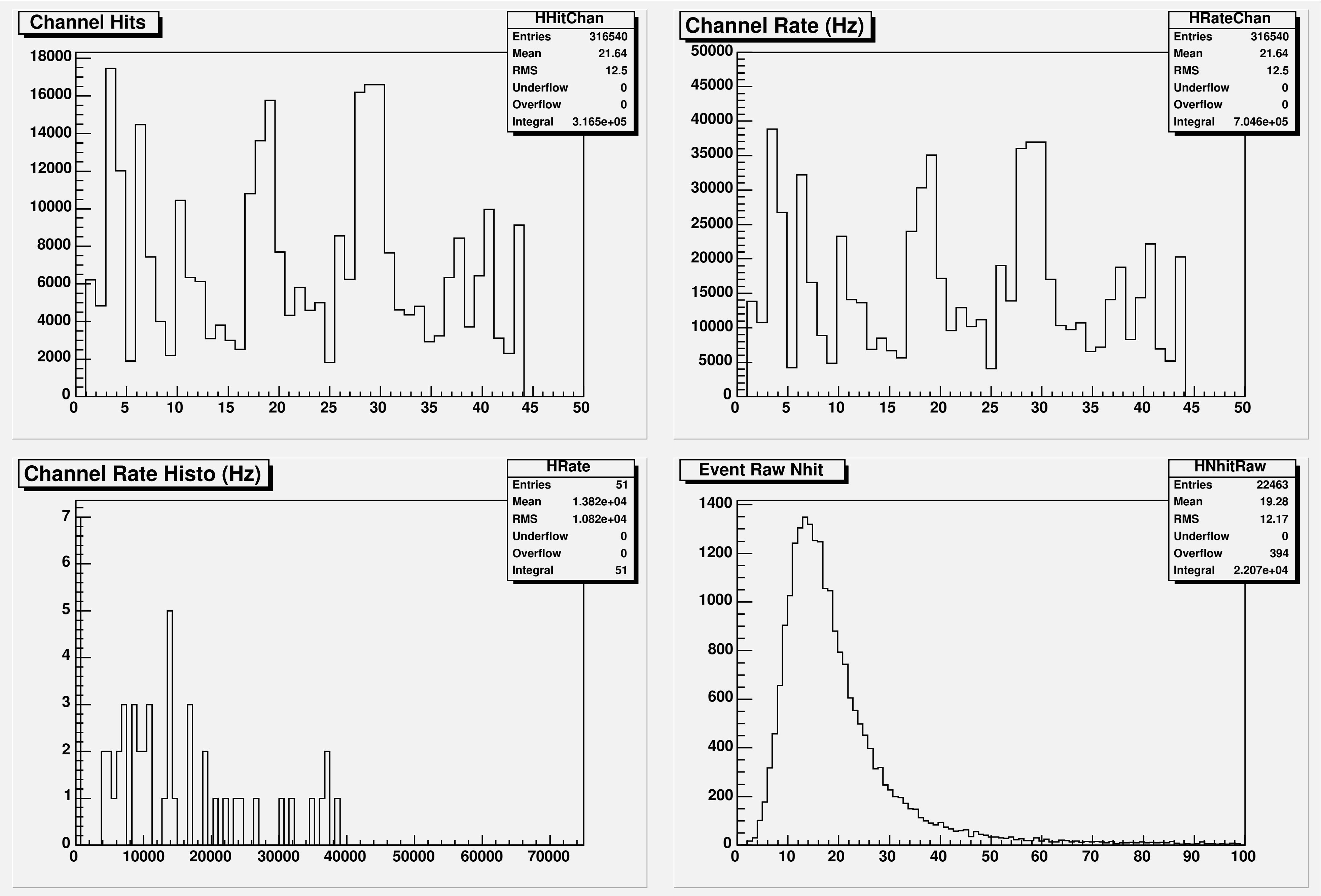
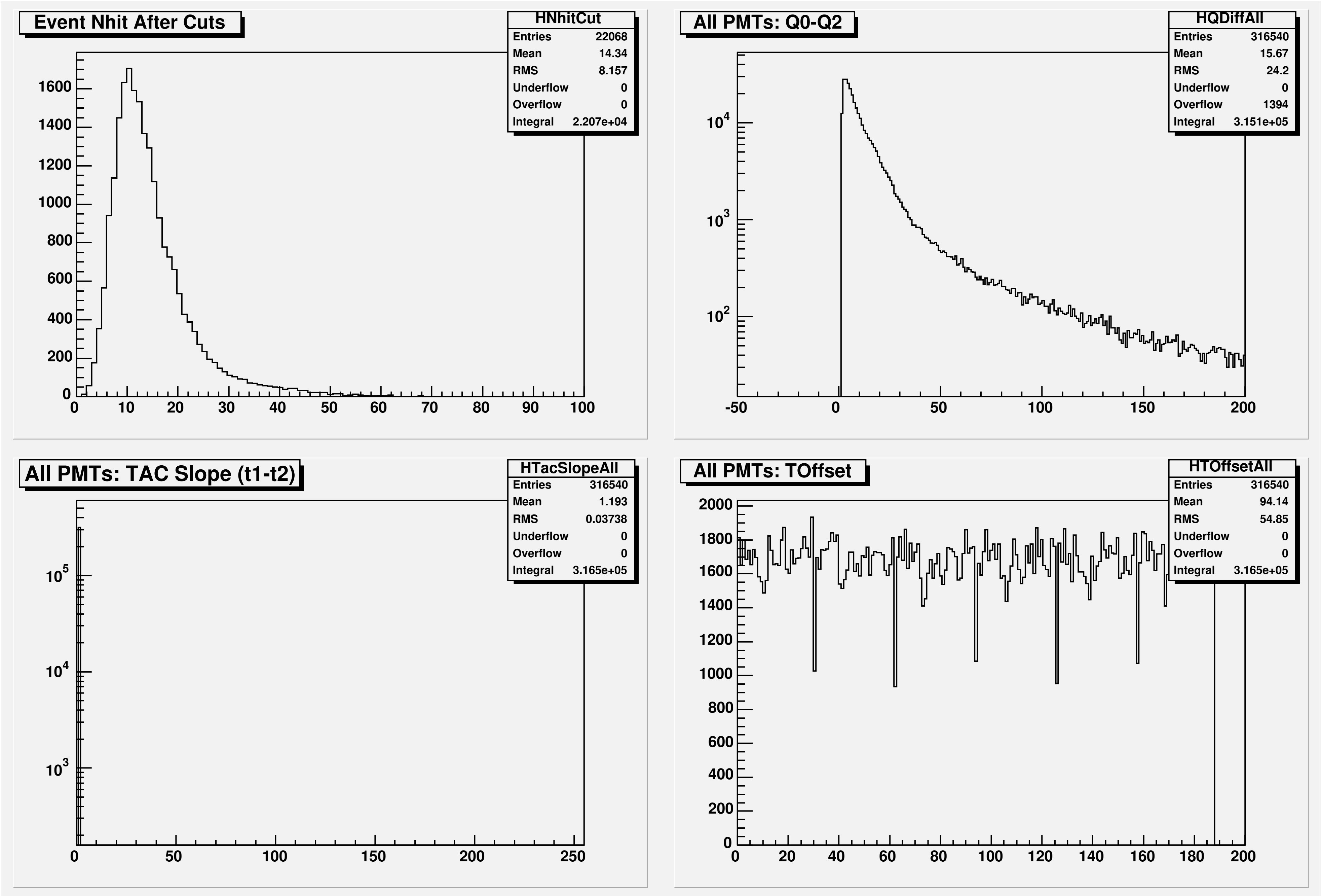
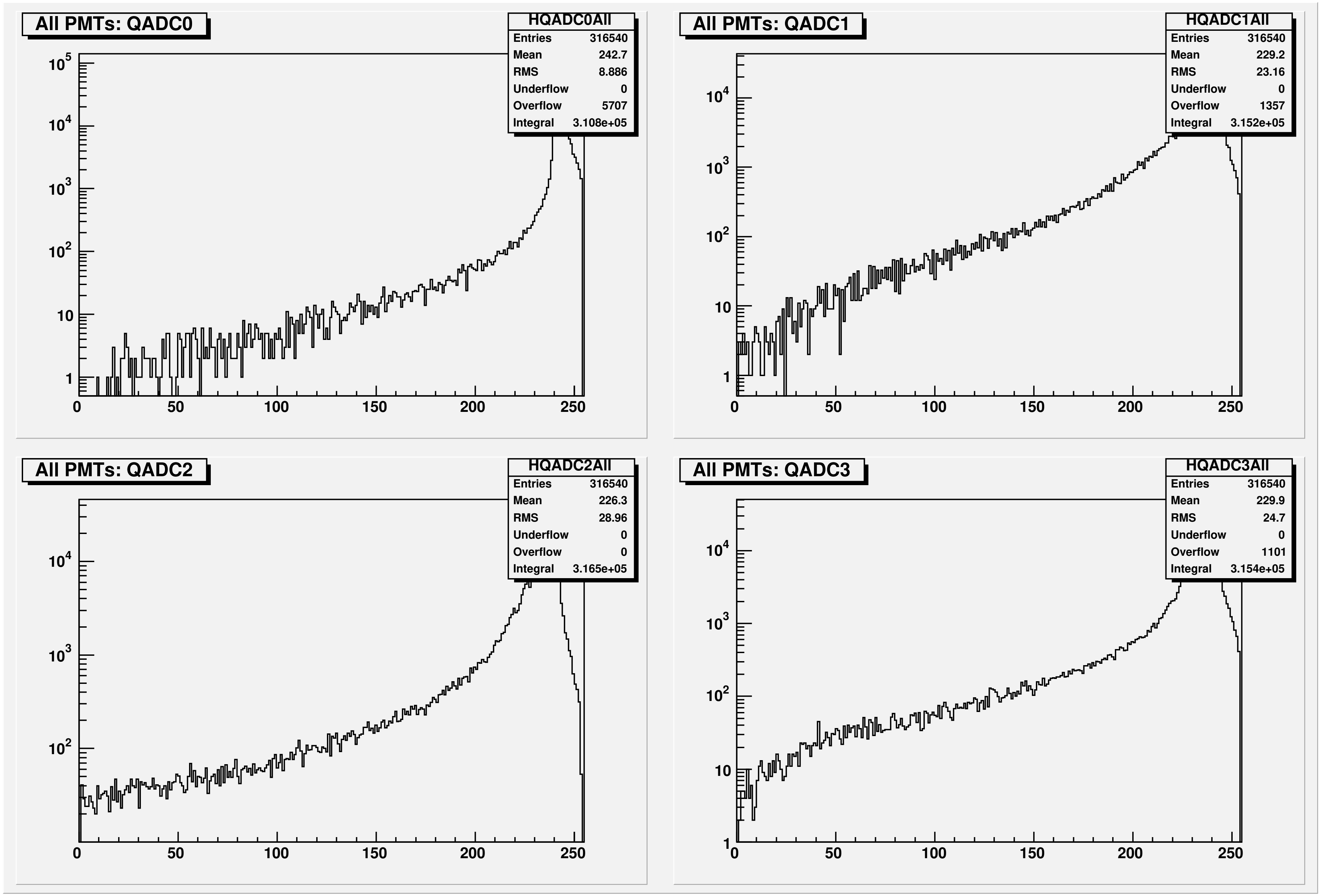
RUN: VlandCF252 Run11561 CF252

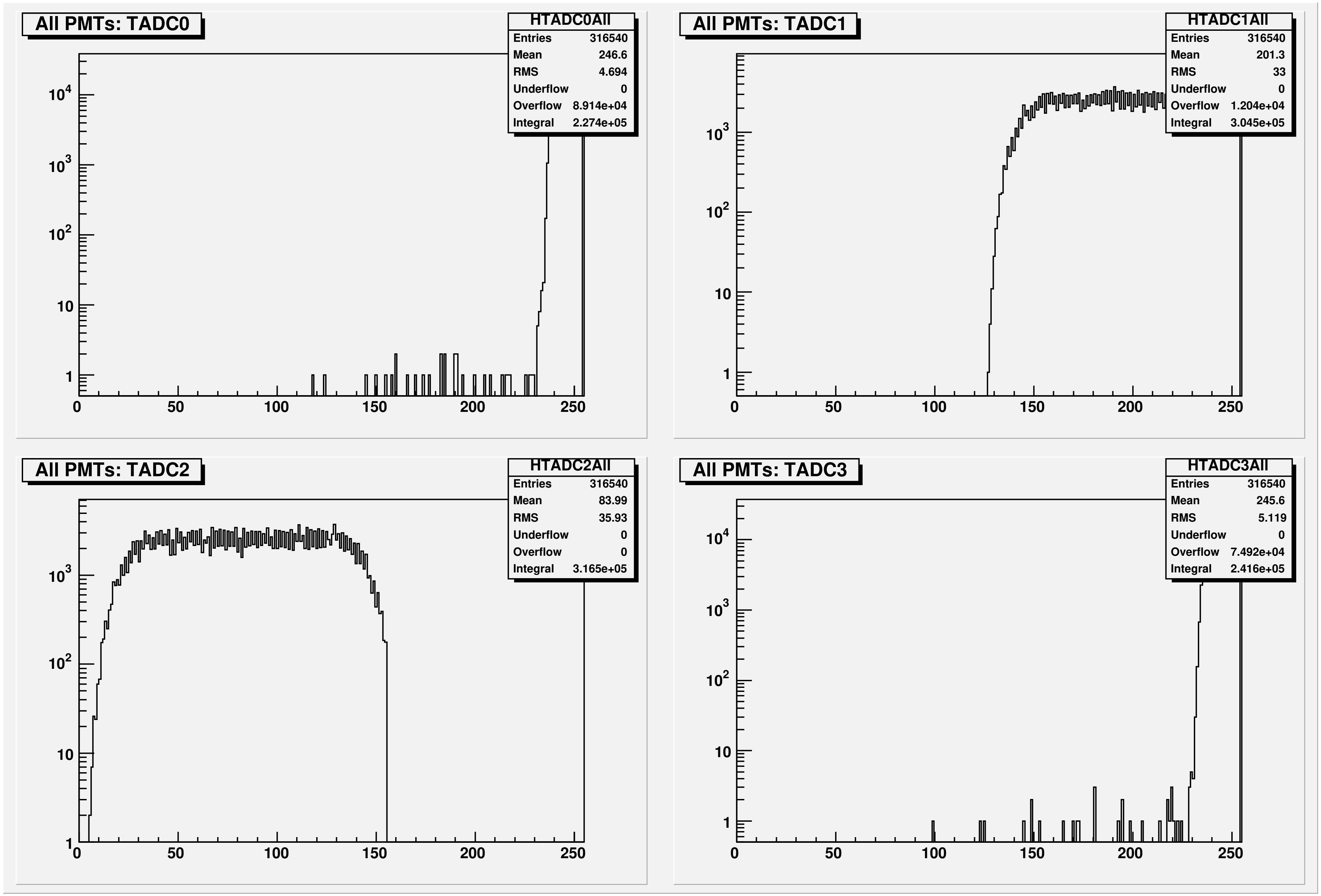


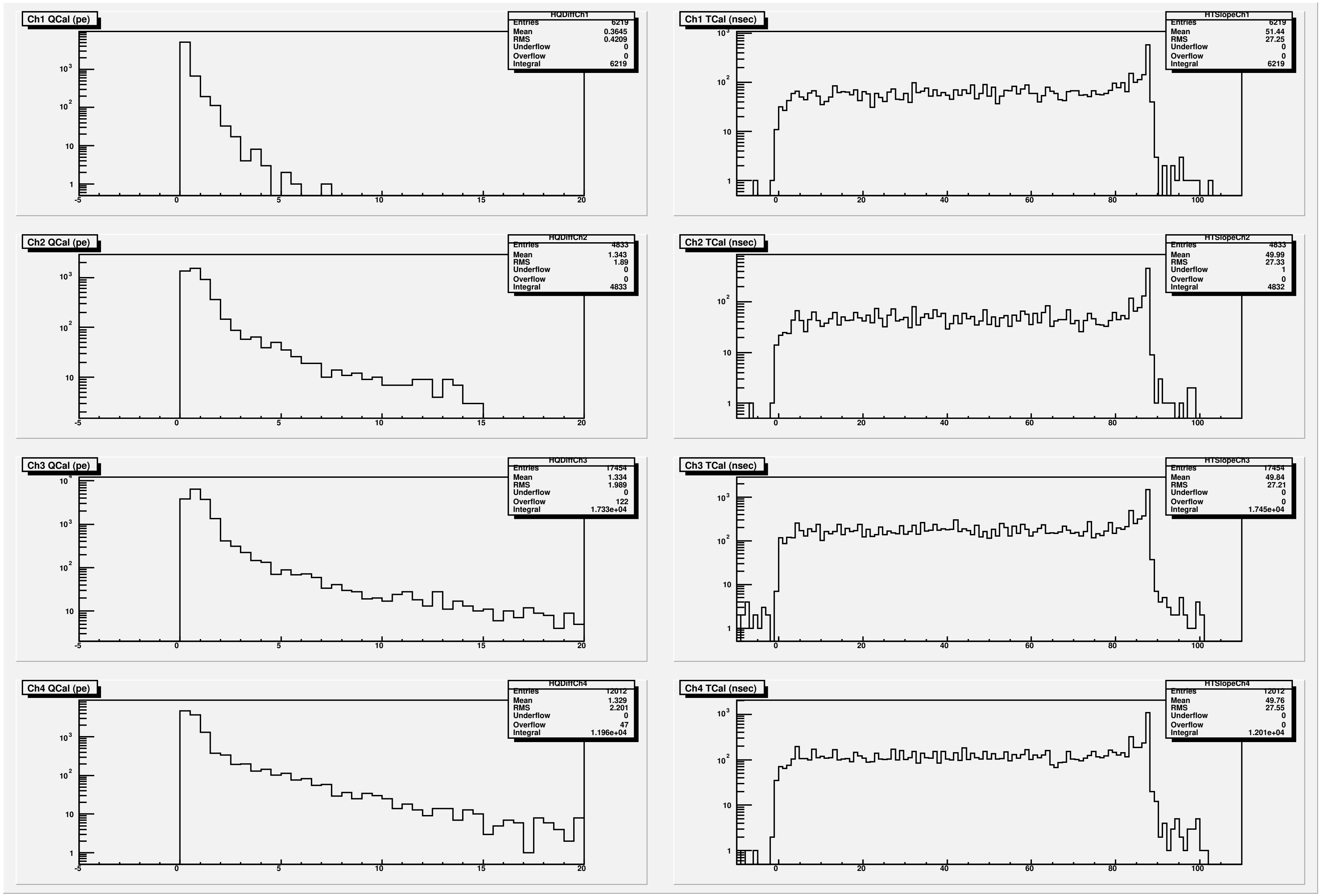
Channel Hits
HHitChan
Entries 316540
Mean 21.64
RMS 12.5
Underflow 0
Overflow 0
Integral 3.165e+05
0 2000 4000 6000 8000 10000 12000 14000 16000 18000
0 5 10 15 20 25 30 35 40 45 50
Channel Rate (Hz)
HRateChan
Entries 316540
Mean 21.64
RMS 12.5
Underflow 0
Overflow 0
Integral 7.046e+05
0 5000 10000 15000 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 1.382e+04
RMS 1.082e+04
Underflow 0
Overflow 0
Integral 51
0 1 2 3 4 5 6 7
0 10000 20000 30000 40000 50000 60000 70000
Event Raw Nhit
HNhitRaw
Entries 22463
Mean 19.28
RMS 12.17
Underflow 0
Overflow 394
Integral 2.207e+04
0 200 400 600 800 1000 1200 1400
0 10 20 30 40 50 60 70 80 90 100


Event Nhit After Cuts
HNhitCut
Entries 22068
Mean 14.34
RMS 8.157
Underflow 0
Overflow 0
Integral 2.207e+04
All PMTs: Q0-Q2
HQDiffAll
Entries 316540
Mean 15.67
RMS 24.2
Underflow 0
Overflow 1394
Integral 3.151e+05
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 316540
Mean 1.193
RMS 0.03738
Underflow 0
Overflow 0
Integral 3.165e+05
All PMTs: TOffset
HTOffsetAll
Entries 316540
Mean 94.14
RMS 54.85
Underflow 0
Overflow 0
Integral 3.165e+05

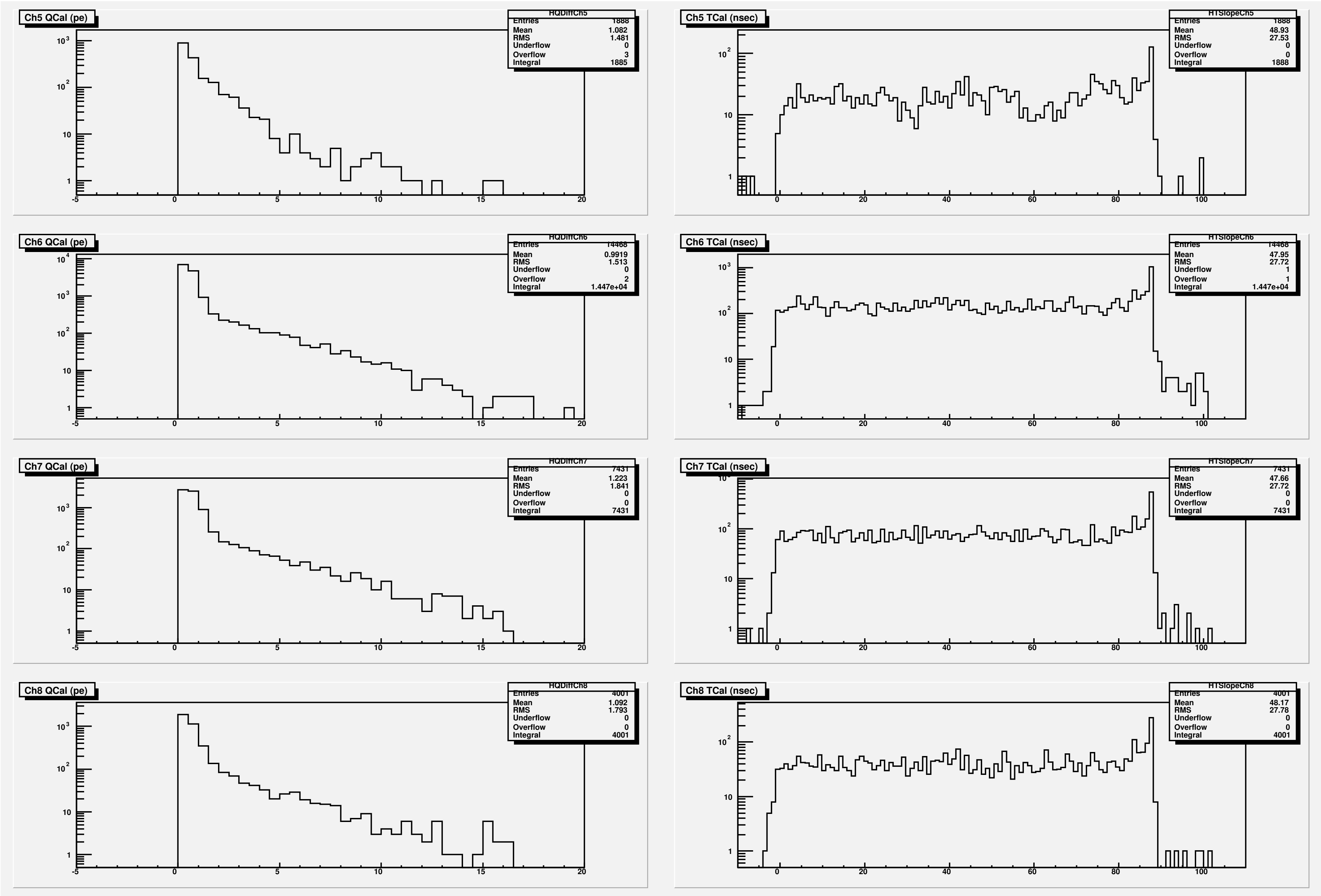


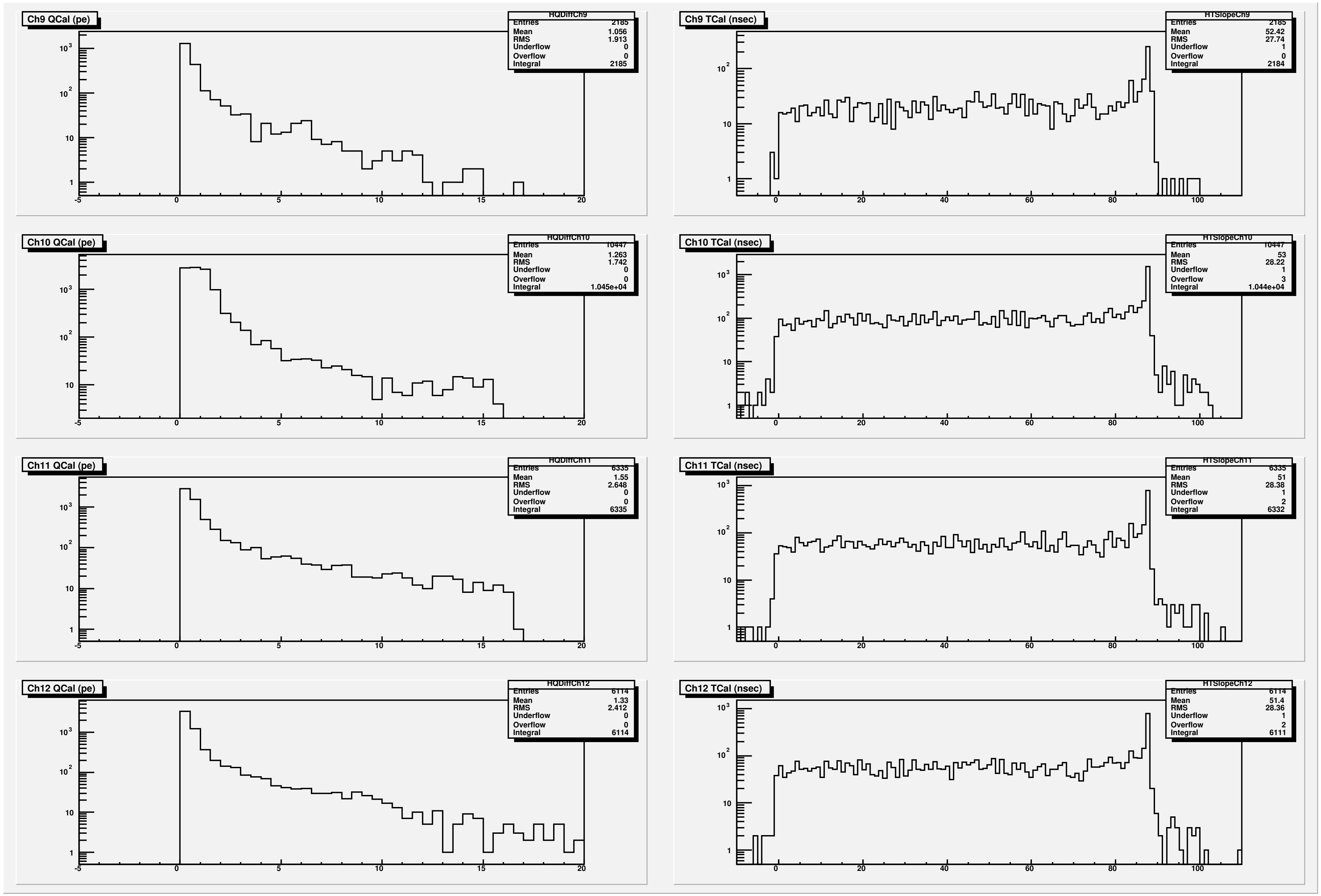
All PMTs: QADC0
HQADC0All
Entries 316540
Mean 242.7
RMS 8.886
Underflow 0
Overflow 5707
Integral 3.108e+05
All PMTs: QADC1
HQADC1All
Entries 316540
Mean 229.2
RMS 23.16
Underflow 0
Overflow 1357
Integral 3.152e+05
All PMTs: QADC2
HQADC2All
Entries 316540
Mean 226.3
RMS 28.96
Underflow 0
Overflow 0
Integral 3.165e+05
All PMTs: QADC3
HQADC3All
Entries 316540
Mean 229.9
RMS 24.7
Underflow 0
Overflow 1101
Integral 3.154e+05
0 50 100 150 200 250


All PMTs: TADC0
HTADC0All
Entries 316540
Mean 246.6
RMS 4.694
Underflow 0
Overflow 8.914e+04
Integral 2.274e+05
All PMTs: TADC1
HTADC1All
Entries 316540
Mean 201.3
RMS 33
Underflow 0
Overflow 1.204e+04
Integral 3.045e+05
All PMTs: TADC2
HTADC2All
Entries 316540
Mean 83.99
RMS 35.93
Underflow 0
Overflow 0
Integral 3.165e+05
All PMTs: TADC3
HTADC3All
Entries 316540
Mean 245.6
RMS 5.119
Underflow 0
Overflow 7.492e+04
Integral 2.416e+05
0
50
100
150
200
250

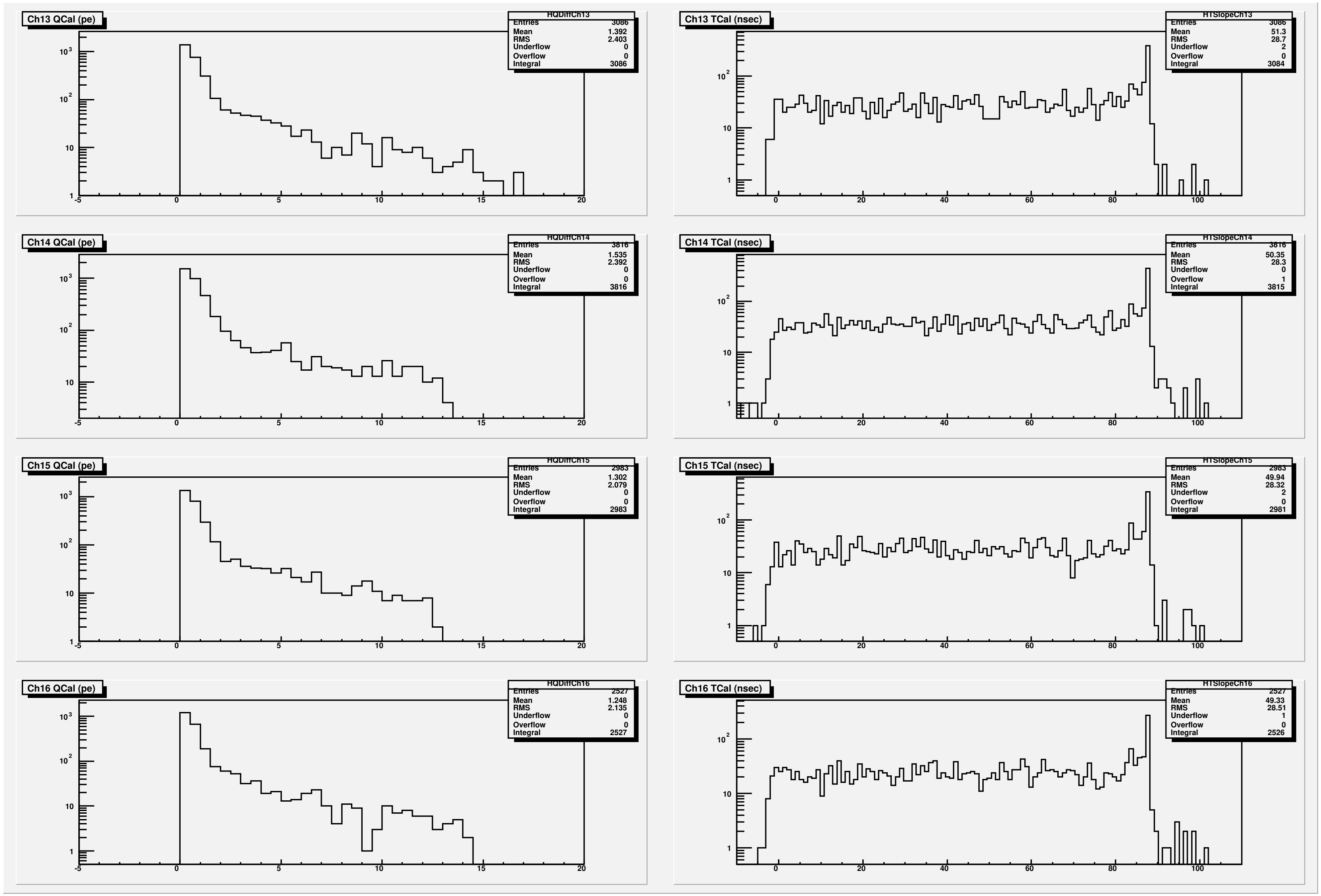


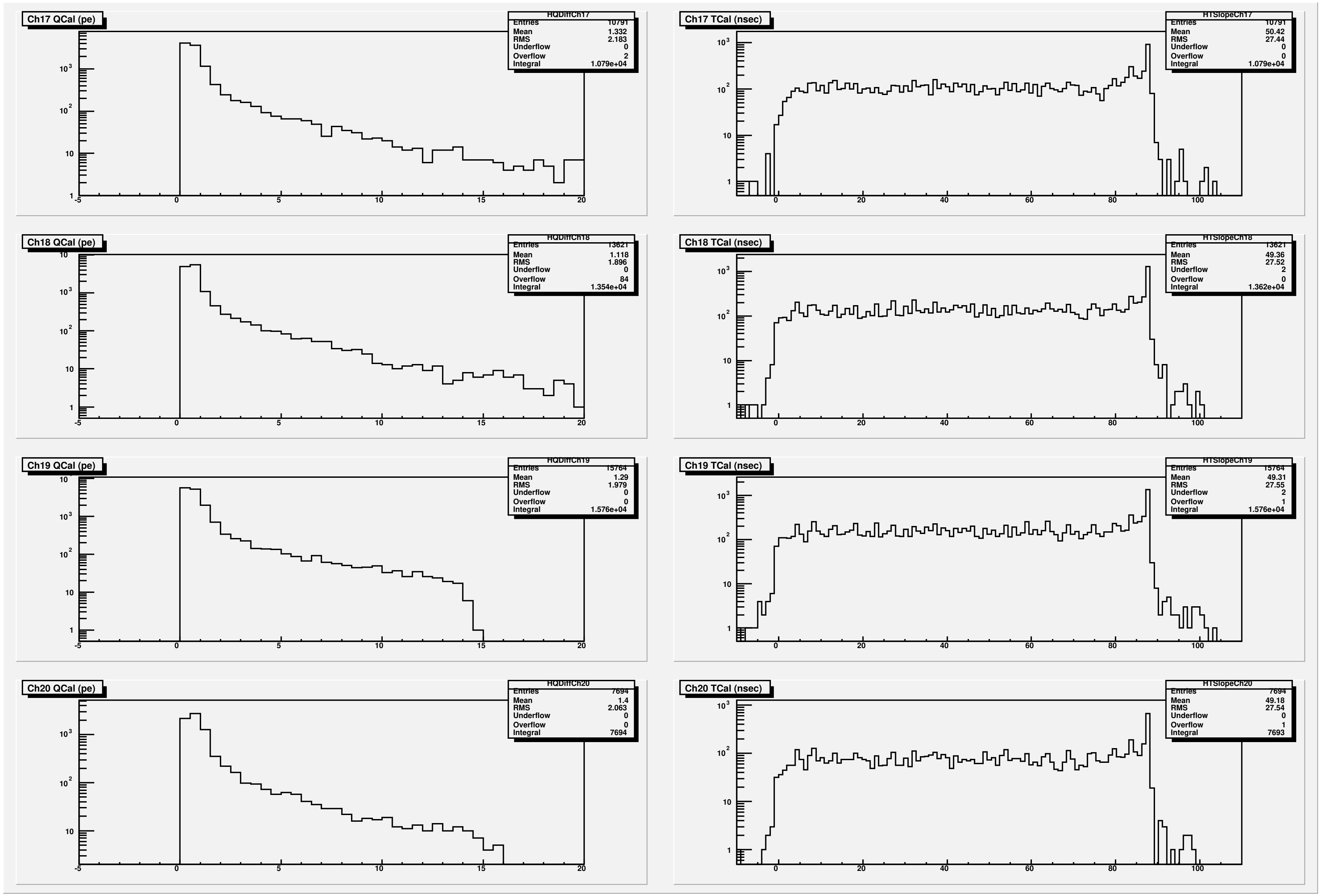
Ch1 QCal (pe)
HQDiffCh1
Entries 6219
Mean 0.3645
RMS 0.4209
Underflow 0
Overflow 0
Integral 6219
Ch1 TCal (nsec)
HTSlopeCh1
Entries 6219
Mean 51.44
RMS 27.25
Underflow 0
Overflow 0
Integral 6219
Ch2 QCal (pe)
HQDiffCh2
Entries 4833
Mean 1.343
RMS 1.89
Underflow 0
Overflow 0
Integral 4833
Ch2 TCal (nsec)
HTSlopeCh2
Entries 4833
Mean 49.99
RMS 27.33
Underflow 1
Overflow 0
Integral 4832
Ch3 QCal (pe)
HQDiffCh3
Entries 17454
Mean 1.334
RMS 1.989
Underflow 0
Overflow 122
Integral 1.733e+04
Ch3 TCal (nsec)
HTSlopeCh3
Entries 17454
Mean 49.84
RMS 27.21
Underflow 0
Overflow 0
Integral 1.745e+04
Ch4 QCal (pe)
HQDiffCh4
Entries 12012
Mean 1.329
RMS 2.201
Underflow 0
Overflow 47
Integral 1.196e+04
Ch4 TCal (nsec)
HTSlopeCh4
Entries 12012
Mean 49.76
RMS 27.55
Underflow 0
Overflow 0
Integral 1.201e+04

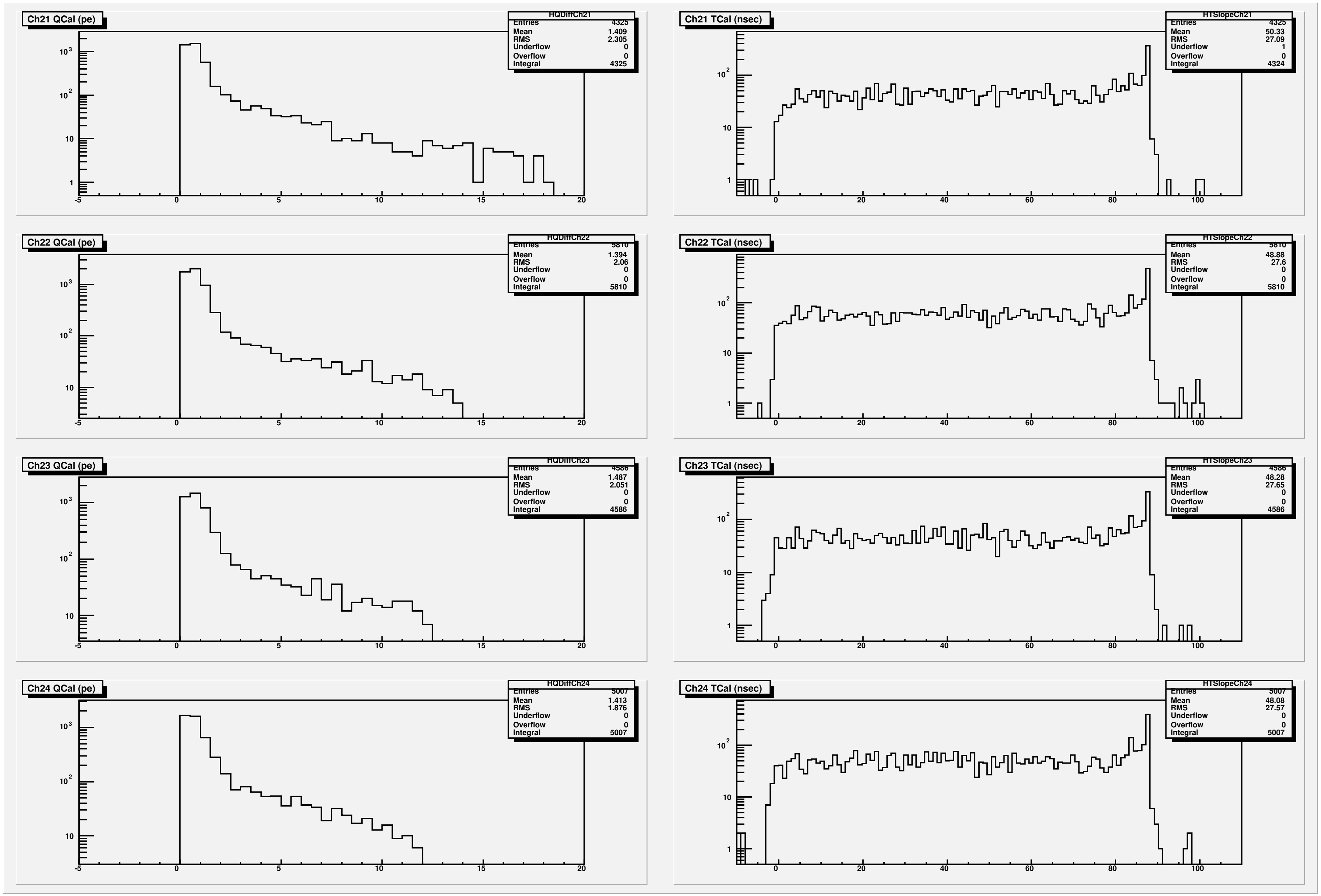

Ch5 QCal (pe)
HQDiffCh5
Entries 1888
Mean 1.082
RMS 1.481
Underflow 0
Overflow 3
Integral 1885
Ch5 TCal (nsec)
HTSlopeCh5
Entries 1888
Mean 48.93
RMS 27.53
Underflow 0
Overflow 0
Integral 1888
Ch6 QCal (pe)
HQDiffCh6
Entries 14468
Mean 0.9919
RMS 1.513
Underflow 0
Overflow 2
Integral 1.447e+04
Ch6 TCal (nsec)
HTSlopeCh6
Entries 14468
Mean 47.95
RMS 27.72
Underflow 1
Overflow 1
Integral 1.447e+04
Ch7 QCal (pe)
HQDiffCh7
Entries 7431
Mean 1.223
RMS 1.841
Underflow 0
Overflow 0
Integral 7431
Ch7 TCal (nsec)
HTSlopeCh7
Entries 7431
Mean 47.66
RMS 27.72
Underflow 0
Overflow 0
Integral 7431
Ch8 QCal (pe)
HQDiffCh8
Entries 4001
Mean 1.092
RMS 1.793
Underflow 0
Overflow 0
Integral 4001
Ch8 TCal (nsec)
HTSlopeCh8
Entries 4001
Mean 48.17
RMS 27.78
Underflow 0
Overflow 0
Integral 4001

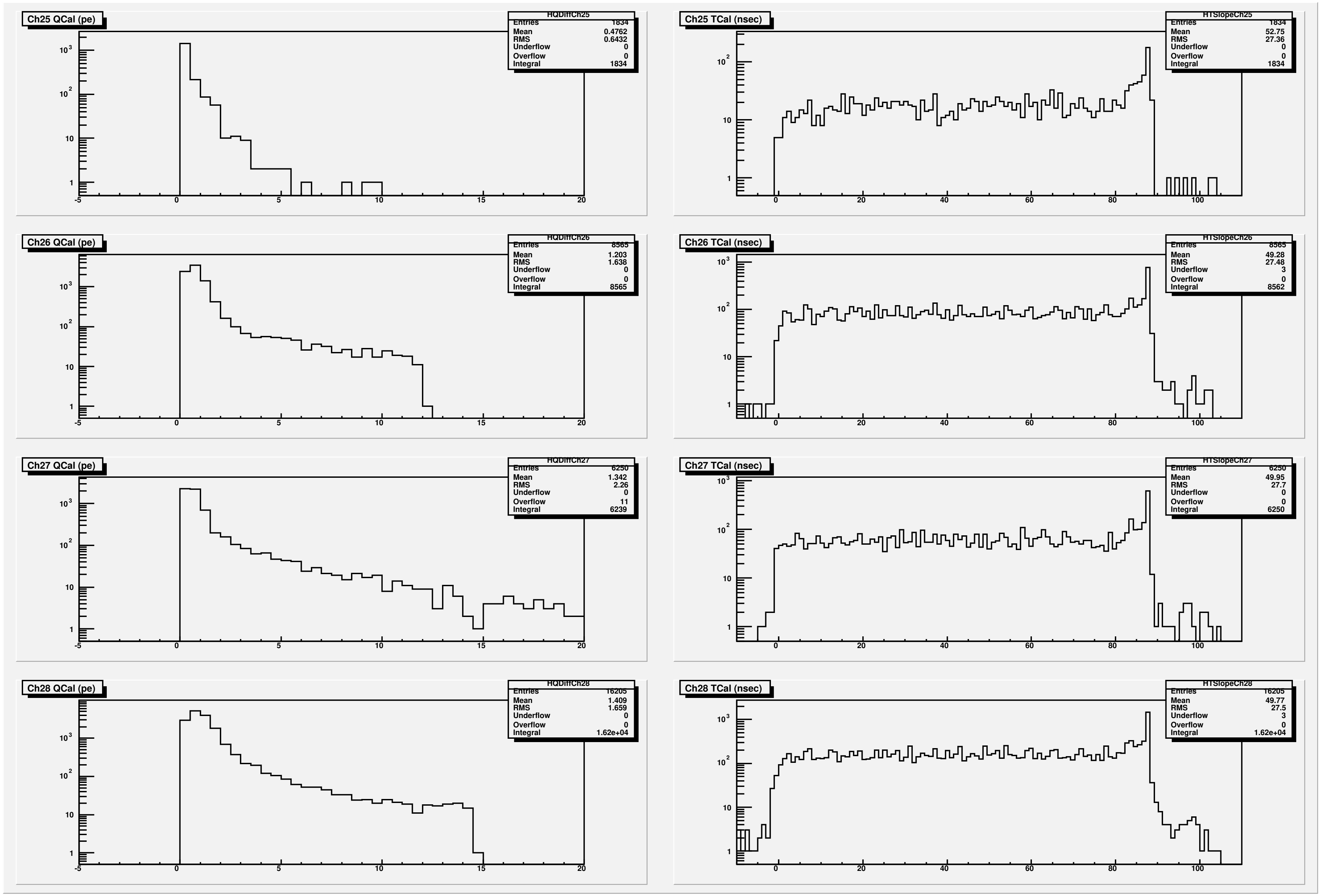


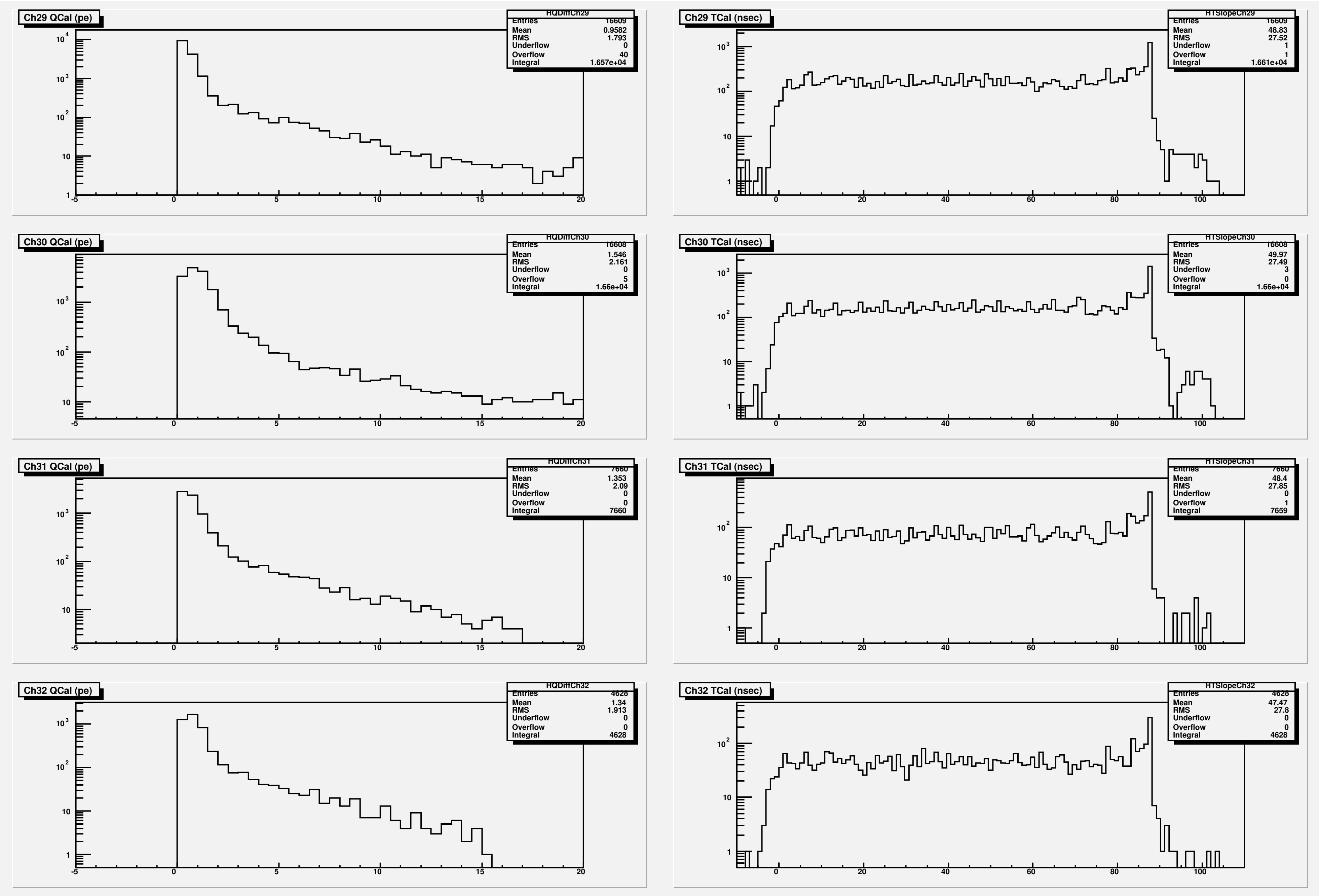
Ch9 QCal (pe)
HQDiffCh9
Entries 2185
Mean 1.056
RMS 1.913
Underflow 0
Overflow 0
Integral 2185
Ch9 TCal (nsec)
HTSlopeCh9
Entries 2185
Mean 52.42
RMS 27.74
Underflow 1
Overflow 0
Integral 2184
Ch10 QCal (pe)
HQDiffCh10
Entries 10447
Mean 1.263
RMS 1.742
Underflow 0
Overflow 0
Integral 1.045e+04
Ch10 TCal (nsec)
HTSlopeCh10
Entries 10447
Mean 53
RMS 28.22
Underflow 1
Overflow 3
Integral 1.044e+04
Ch11 QCal (pe)
HQDiffCh11
Entries 6335
Mean 1.55
RMS 2.648
Underflow 0
Overflow 0
Integral 6335
Ch11 TCal (nsec)
HTSlopeCh11
Entries 6335
Mean 51
RMS 28.38
Underflow 1
Overflow 2
Integral 6332
Ch12 QCal (pe)
HQDiffCh12
Entries 6114
Mean 1.33
RMS 2.412
Underflow 0
Overflow 0
Integral 6114
Ch12 TCal (nsec)
HTSlopeCh12
Entries 6114
Mean 51.4
RMS 28.36
Underflow 1
Overflow 2
Integral 6111

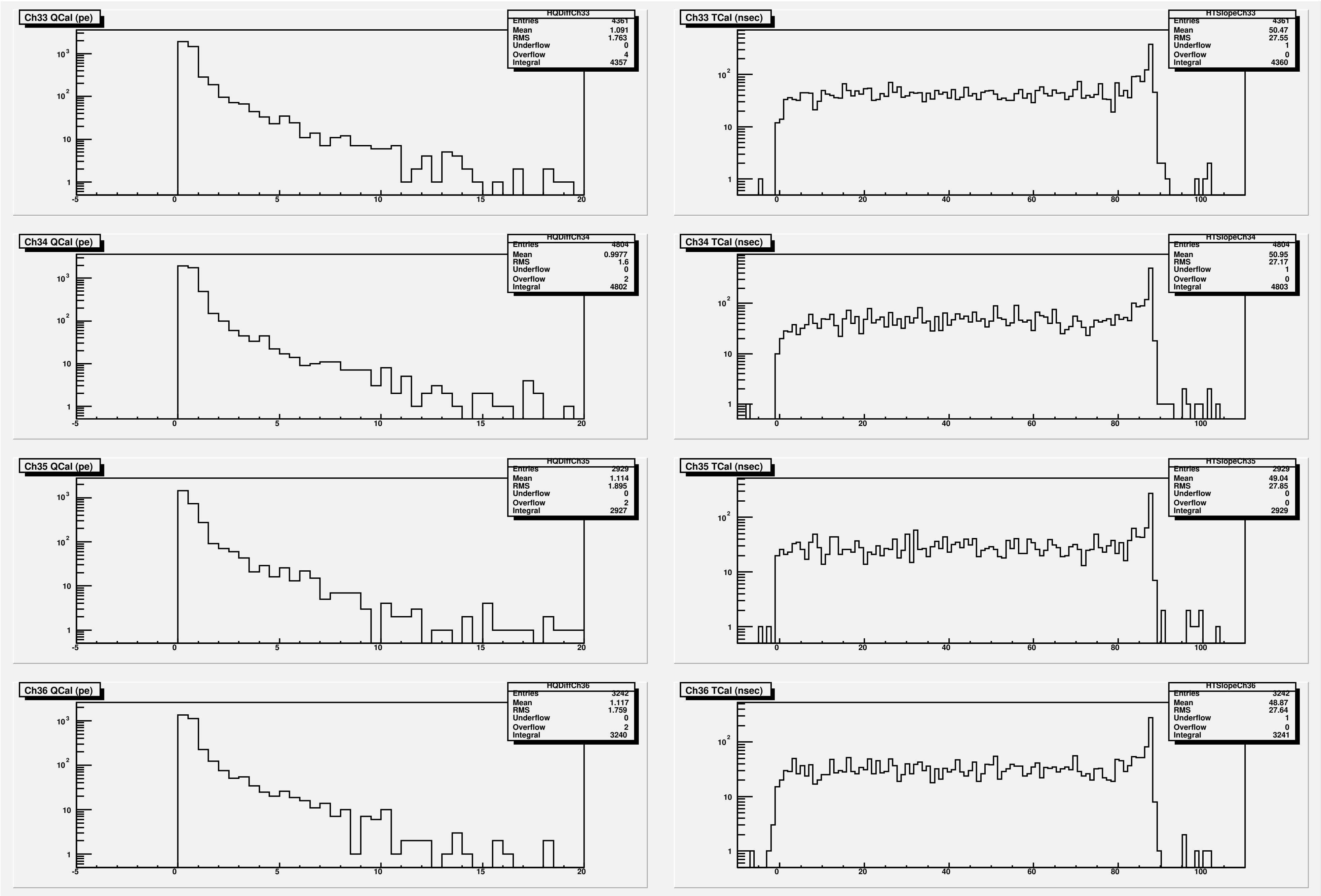

Ch13 QCal (pe)
HQDiffCh13
Entries 3086
Mean 1.392
RMS 2.403
Underflow 0
Overflow 0
Integral 3086
Ch13 TCal (nsec)
HTSlopeCh13
Entries 3086
Mean 51.3
RMS 28.7
Underflow 2
Overflow 0
Integral 3084
Ch14 QCal (pe)
HQDiffCh14
Entries 3816
Mean 1.535
RMS 2.392
Underflow 0
Overflow 0
Integral 3816
Ch14 TCal (nsec)
HTSlopeCh14
Entries 3816
Mean 50.35
RMS 28.3
Underflow 0
Overflow 1
Integral 3815
Ch15 QCal (pe)
HQDiffCh15
Entries 2983
Mean 1.302
RMS 2.079
Underflow 0
Overflow 0
Integral 2983
Ch15 TCal (nsec)
HTSlopeCh15
Entries 2983
Mean 49.94
RMS 28.32
Underflow 2
Overflow 0
Integral 2981
Ch16 QCal (pe)
HQDiffCh16
Entries 2527
Mean 1.248
RMS 2.135
Underflow 0
Overflow 0
Integral 2527
Ch16 TCal (nsec)
HTSlopeCh16
Entries 2527
Mean 49.33
RMS 28.51
Underflow 1
Overflow 0
Integral 2526


Ch17 QCal (pe)
HQDiffCh17
Entries 10791
Mean 1.332
RMS 2.183
Underflow 0
Overflow 2
Integral 1.079e+04
Ch17 TCal (nsec)
HTSlopeCh17
Entries 10791
Mean 50.42
RMS 27.44
Underflow 0
Overflow 0
Integral 1.079e+04
Ch18 QCal (pe)
HQDiffCh18
Entries 13621
Mean 1.118
RMS 1.896
Underflow 0
Overflow 84
Integral 1.354e+04
Ch18 TCal (nsec)
HTSlopeCh18
Entries 13621
Mean 49.36
RMS 27.52
Underflow 2
Overflow 0
Integral 1.362e+04
Ch19 QCal (pe)
HQDiffCh19
Entries 15764
Mean 1.29
RMS 1.979
Underflow 0
Overflow 0
Integral 1.576e+04
Ch19 TCal (nsec)
HTSlopeCh19
Entries 15764
Mean 49.31
RMS 27.55
Underflow 2
Overflow 1
Integral 1.576e+04
Ch20 QCal (pe)
HQDiffCh20
Entries 7694
Mean 1.4
RMS 2.063
Underflow 0
Overflow 0
Integral 7694
Ch20 TCal (nsec)
HTSlopeCh20
Entries 7694
Mean 49.18
RMS 27.54
Underflow 0
Overflow 1
Integral 7693

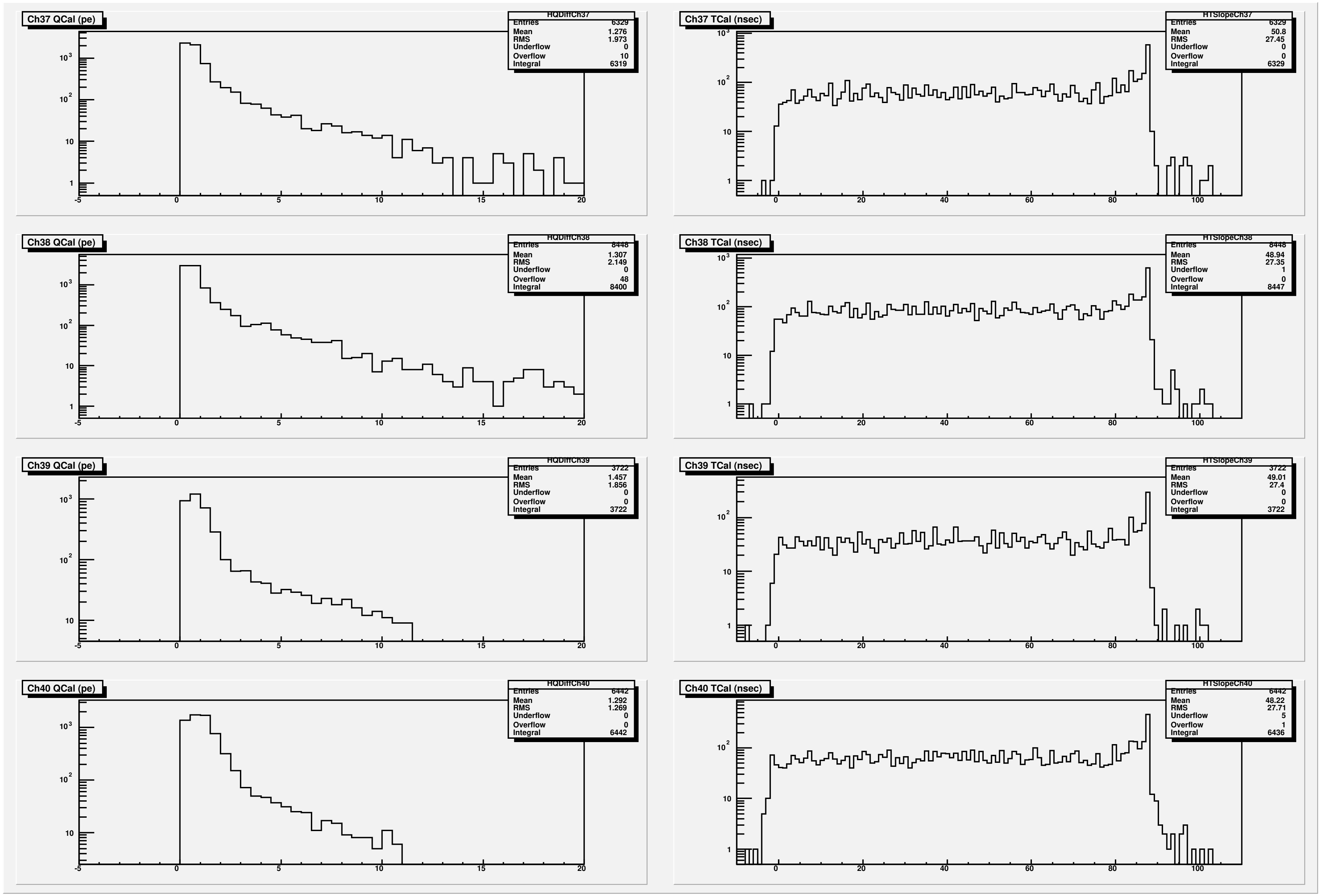

Ch21 QCal (pe)
HQDiffCh21
Entries 4325
Mean 1.409
RMS 2.305
Underflow 0
Overflow 0
Integral 4325
Ch21 TCal (nsec)
HTSlopeCh21
Entries 4325
Mean 50.33
RMS 27.09
Underflow 1
Overflow 0
Integral 4324
Ch22 QCal (pe)
HQDiffCh22
Entries 5810
Mean 1.394
RMS 2.06
Underflow 0
Overflow 0
Integral 5810
Ch22 TCal (nsec)
HTSlopeCh22
Entries 5810
Mean 48.88
RMS 27.6
Underflow 0
Overflow 0
Integral 5810
Ch23 QCal (pe)
HQDiffCh23
Entries 4586
Mean 1.487
RMS 2.051
Underflow 0
Overflow 0
Integral 4586
Ch23 TCal (nsec)
HTSlopeCh23
Entries 4586
Mean 48.28
RMS 27.65
Underflow 0
Overflow 0
Integral 4586
Ch24 QCal (pe)
HQDiffCh24
Entries 5007
Mean 1.413
RMS 1.876
Underflow 0
Overflow 0
Integral 5007
Ch24 TCal (nsec)
HTSlopeCh24
Entries 5007
Mean 48.08
RMS 27.57
Underflow 0
Overflow 0
Integral 5007

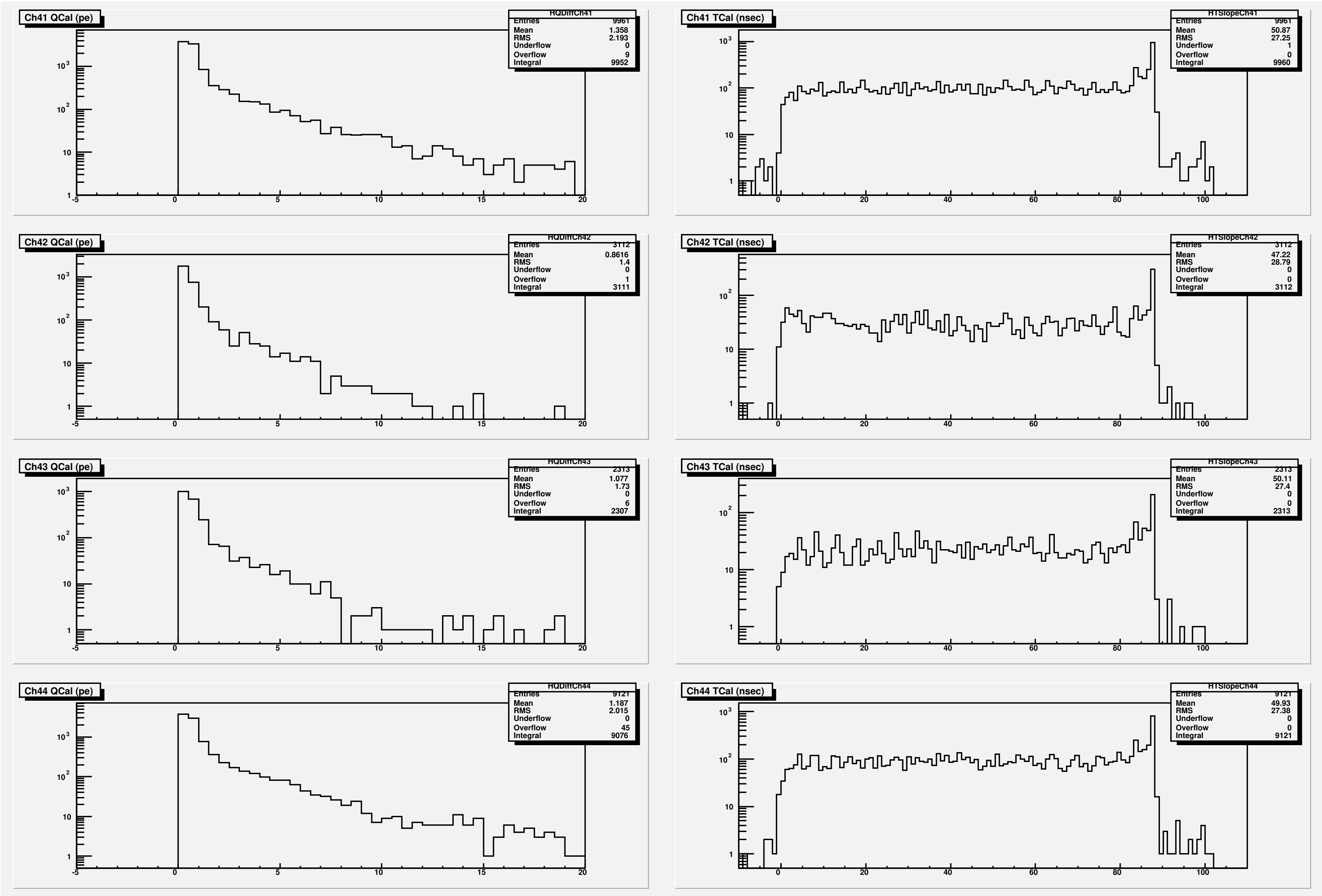

Ch25 QCal (pe)
HQDiffCh25
Entries 1834
Mean 0.4762
RMS 0.6432
Underflow 0
Overflow 0
Integral 1834
Ch25 TCal (nsec)
HTSlopeCh25
Entries 1834
Mean 52.75
RMS 27.36
Underflow 0
Overflow 0
Integral 1834
Ch26 QCal (pe)
HQDiffCh26
Entries 8565
Mean 1.203
RMS 1.638
Underflow 0
Overflow 0
Integral 8565
Ch26 TCal (nsec)
HTSlopeCh26
Entries 8565
Mean 49.28
RMS 27.48
Underflow 3
Overflow 0
Integral 8562
Ch27 QCal (pe)
HQDiffCh27
Entries 6250
Mean 1.342
RMS 2.26
Underflow 0
Overflow 11
Integral 6239
Ch27 TCal (nsec)
HTSlopeCh27
Entries 6250
Mean 49.95
RMS 27.7
Underflow 0
Overflow 0
Integral 6250
Ch28 QCal (pe)
HQDiffCh28
Entries 16205
Mean 1.409
RMS 1.659
Underflow 0
Overflow 0
Integral 1.62e+04
Ch28 TCal (nsec)
HTSlopeCh28
Entries 16205
Mean 49.77
RMS 27.5
Underflow 3
Overflow 0
Integral 1.62e+04


Ch29 QCal (pe)
HQDiffCh29
Entries 16609
Mean 0.9582
RMS 1.793
Underflow 0
Overflow 40
Integral 1.657e+04
Ch29 TCal (nsec)
HTSlopeCh29
Entries 16609
Mean 48.83
RMS 27.52
Underflow 1
Overflow 1
Integral 1.661e+04
Ch30 QCal (pe)
HQDiffCh30
Entries 16608
Mean 1.546
RMS 2.161
Underflow 0
Overflow 5
Integral 1.66e+04
Ch30 TCal (nsec)
HTSlopeCh30
Entries 16608
Mean 49.97
RMS 27.49
Underflow 3
Overflow 0
Integral 1.66e+04
Ch31 QCal (pe)
HQDiffCh31
Entries 7660
Mean 1.353
RMS 2.09
Underflow 0
Overflow 0
Integral 7660
Ch31 TCal (nsec)
HTSlopeCh31
Entries 7660
Mean 48.4
RMS 27.85
Underflow 0
Overflow 1
Integral 7659
Ch32 QCal (pe)
HQDiffCh32
Entries 4628
Mean 1.34
RMS 1.913
Underflow 0
Overflow 0
Integral 4628
Ch32 TCal (nsec)
HTSlopeCh32
Entries 4628
Mean 47.47
RMS 27.8
Underflow 0
Overflow 0
Integral 4628

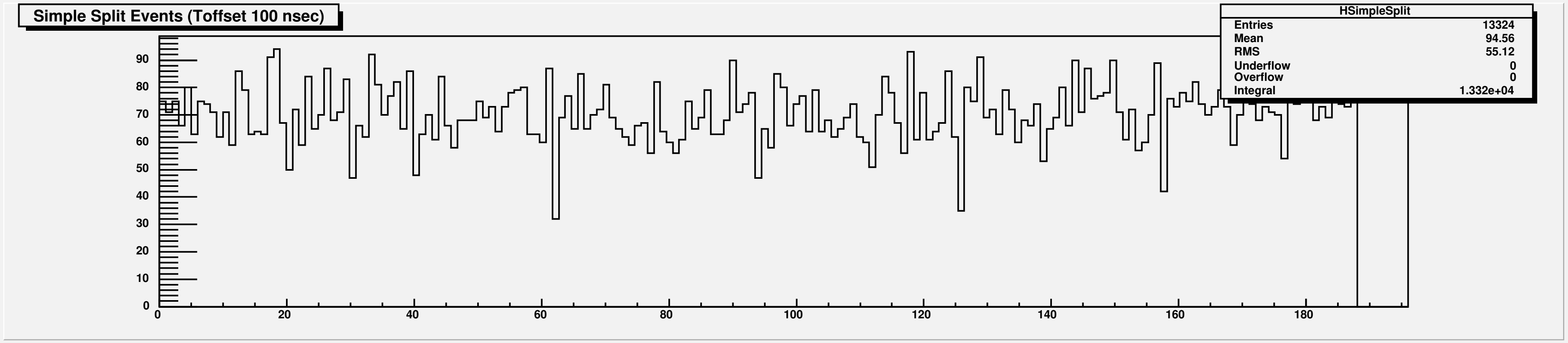


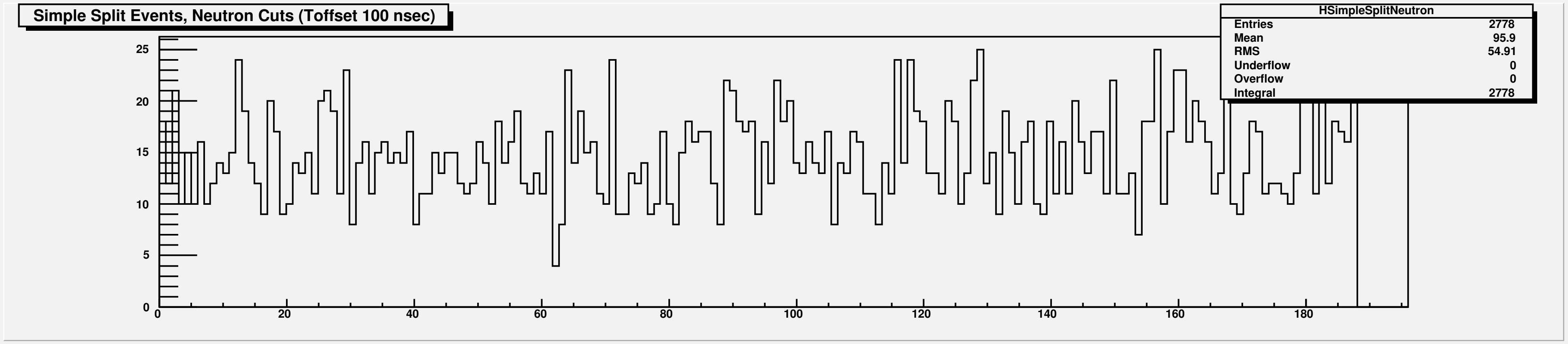
Ch33 QCal (pe)
HQDiffCh33
Entries 4361
Mean 1.091
RMS 1.763
Underflow 0
Overflow 4
Integral 4357
Ch33 TCal (nsec)
HTSlopeCh33
Entries 4361
Mean 50.47
RMS 27.55
Underflow 1
Overflow 0
Integral 4360
Ch34 QCal (pe)
HQDiffCh34
Entries 4804
Mean 0.9977
RMS 1.6
Underflow 0
Overflow 2
Integral 4802
Ch34 TCal (nsec)
HTSlopeCh34
Entries 4804
Mean 50.95
RMS 27.17
Underflow 1
Overflow 0
Integral 4803
Ch35 QCal (pe)
HQDiffCh35
Entries 2929
Mean 1.114
RMS 1.895
Underflow 0
Overflow 2
Integral 2927
Ch35 TCal (nsec)
HTSlopeCh35
Entries 2929
Mean 49.04
RMS 27.85
Underflow 0
Overflow 0
Integral 2929
Ch36 QCal (pe)
HQDiffCh36
Entries 3242
Mean 1.117
RMS 1.759
Underflow 0
Overflow 2
Integral 3240
Ch36 TCal (nsec)
HTSlopeCh36
Entries 3242
Mean 48.87
RMS 27.64
Underflow 1
Overflow 0
Integral 3241

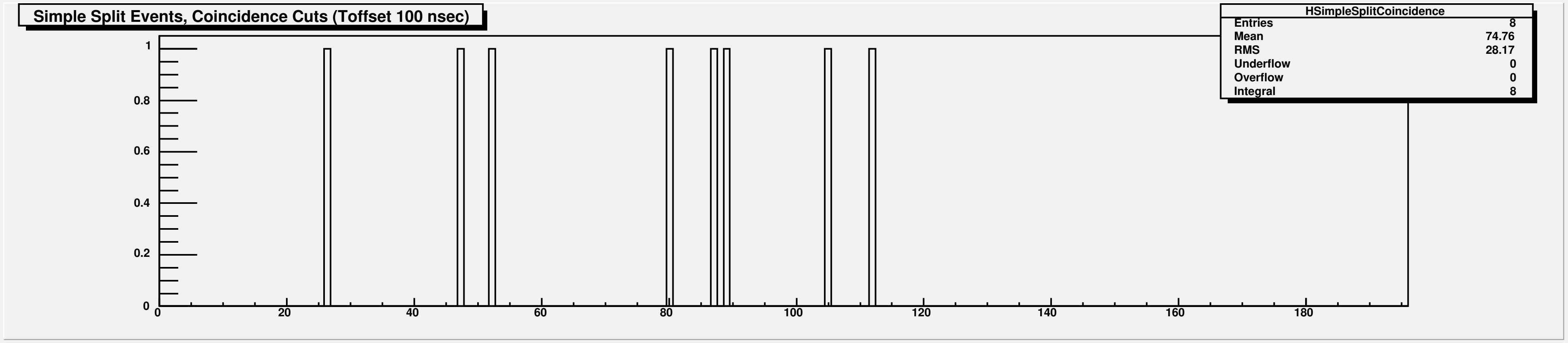

Ch37 QCal (pe)
HQDiffCh37
Entries 6329
Mean 1.276
RMS 1.973
Underflow 0
Overflow 10
Integral 6319
Ch37 TCal (nsec)
HTSlopeCh37
Entries 6329
Mean 50.8
RMS 27.45
Underflow 0
Overflow 0
Integral 6329
Ch38 QCal (pe)
HQDiffCh38
Entries 8448
Mean 1.307
RMS 2.149
Underflow 0
Overflow 48
Integral 8400
Ch38 TCal (nsec)
HTSlopeCh38
Entries 8448
Mean 48.94
RMS 27.35
Underflow 1
Overflow 0
Integral 8447
Ch39 QCal (pe)
HQDiffCh39
Entries 3722
Mean 1.457
RMS 1.856
Underflow 0
Overflow 0
Integral 3722
Ch39 TCal (nsec)
HTSlopeCh39
Entries 3722
Mean 49.01
RMS 27.4
Underflow 0
Overflow 0
Integral 3722
Ch40 QCal (pe)
HQDiffCh40
Entries 6442
Mean 1.292
RMS 1.269
Underflow 0
Overflow 0
Integral 6442
Ch40 TCal (nsec)
HTSlopeCh40
Entries 6442
Mean 48.22
RMS 27.71
Underflow 5
Overflow 1
Integral 6436

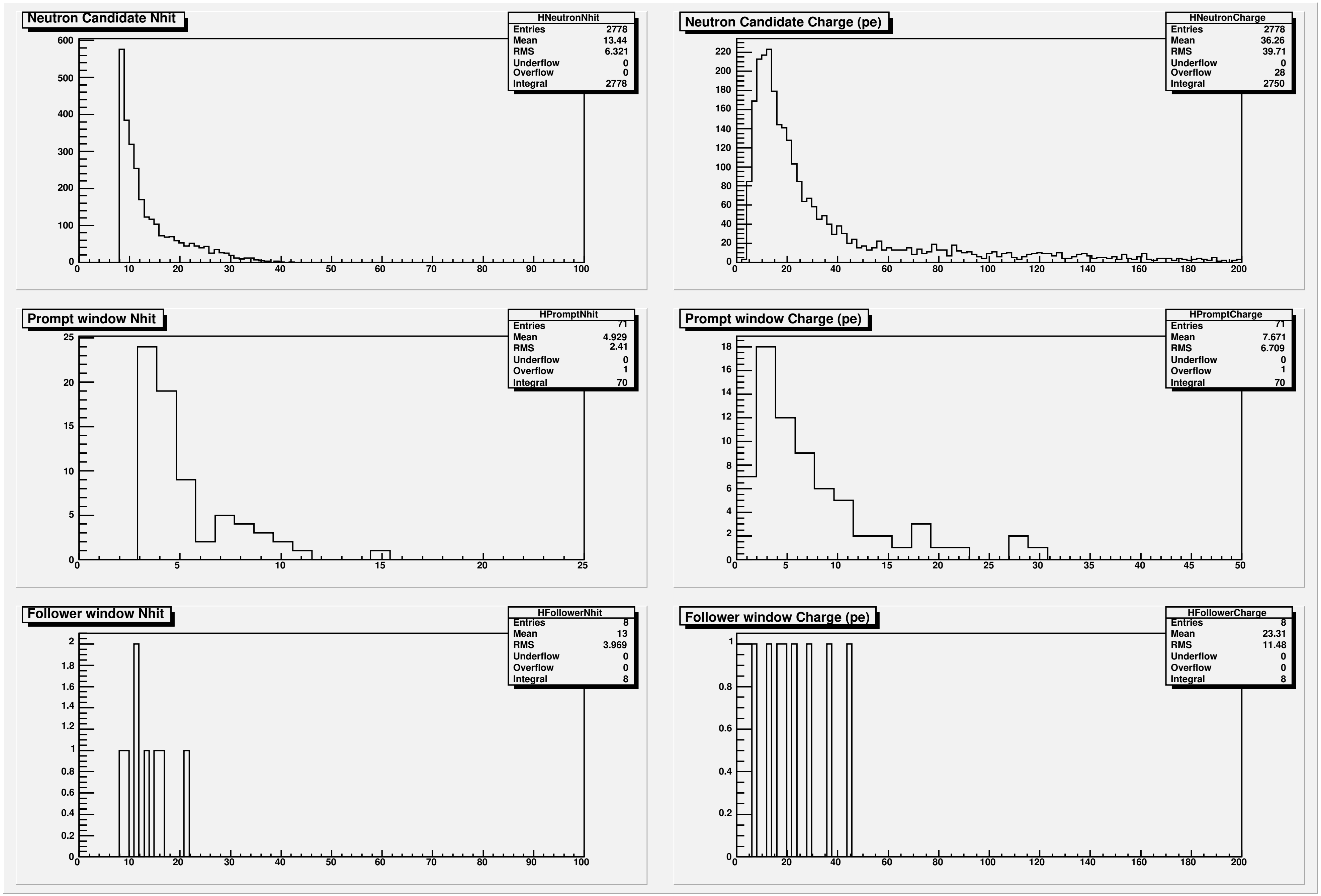


Ch41 QCal (pe)
HQDiffCh41
Entries 9961
Mean 1.358
RMS 2.193
Underflow 0
Overflow 9
Integral 9952
Ch41 TCal (nsec)
HTSlopeCh41
Entries 9961
Mean 50.87
RMS 27.25
Underflow 1
Overflow 0
Integral 9960
Ch42 QCal (pe)
HQDiffCh42
Entries 3112
Mean 0.8616
RMS 1.4
Underflow 0
Overflow 1
Integral 3111
Ch42 TCal (nsec)
HTSlopeCh42
Entries 3112
Mean 47.22
RMS 28.79
Underflow 0
Overflow 0
Integral 3112
Ch43 QCal (pe)
HQDiffCh43
Entries 2313
Mean 1.077
RMS 1.73
Underflow 0
Overflow 6
Integral 2307
Ch43 TCal (nsec)
HTSlopeCh43
Entries 2313
Mean 50.11
RMS 27.4
Underflow 0
Overflow 0
Integral 2313
Ch44 QCal (pe)
HQDiffCh44
Entries 9121
Mean 1.187
RMS 2.015
Underflow 0
Overflow 45
Integral 9076
Ch44 TCal (nsec)
HTSlopeCh44
Entries 9121
Mean 49.93
RMS 27.38
Underflow 0
Overflow 0
Integral 9121


Simple Split Events (Toffset 100 nsec)
HSimpleSplit
Entries 13324
Mean 94.56
RMS 55.12
Underflow 0
Overflow 0
Integral 1.332e+04


Simple Split Events, Neutron Cuts (Toffset 100 nsec)
HSimpleSplitNeutron
Entries 2778
Mean 95.9
RMS 54.91
Underflow 0
Overflow 0
Integral 2778


Simple Split Events, Coincidence Cuts (Toffset 100 nsec)
HSimpleSplitCoincidence
Entries 8
Mean 74.76
RMS 28.17
Underflow 0
Overflow 0
Integral 8


Neutron Candidate Nhit
HNeutronNhit
Entries 2778
Mean 13.44
RMS 6.321
Underflow 0
Overflow 0
Integral 2778
Neutron Candidate Charge (pe)
HNeutronCharge
Entries 2778
Mean 36.26
RMS 39.71
Underflow 0
Overflow 28
Integral 2750
Prompt window Nhit
HPromptNhit
Entries 71
Mean 4.929
RMS 2.41
Underflow 0
Overflow 1
Integral 70
Prompt window Charge (pe)
HPromptCharge
Entries 71
Mean 7.671
RMS 6.709
Underflow 0
Overflow 1
Integral 70
Follower window Nhit
HFollowerNhit
Entries 8
Mean 13
RMS 3.969
Underflow 0
Overflow 0
Integral 8
Follower window Charge (pe)
HFollowerCharge
Entries 8
Mean 23.31
RMS 11.48
Underflow 0
Overflow 0
Integral 8