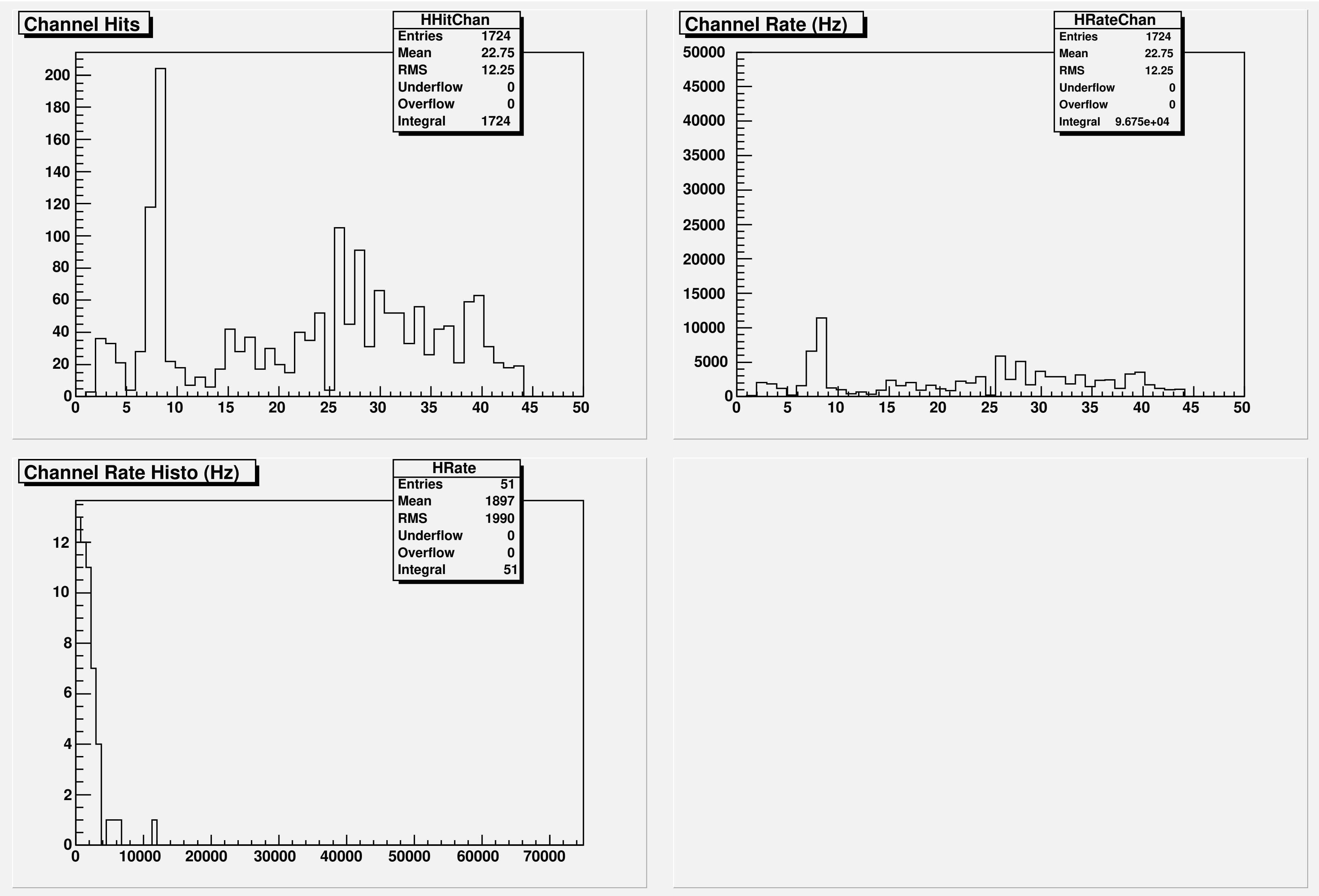
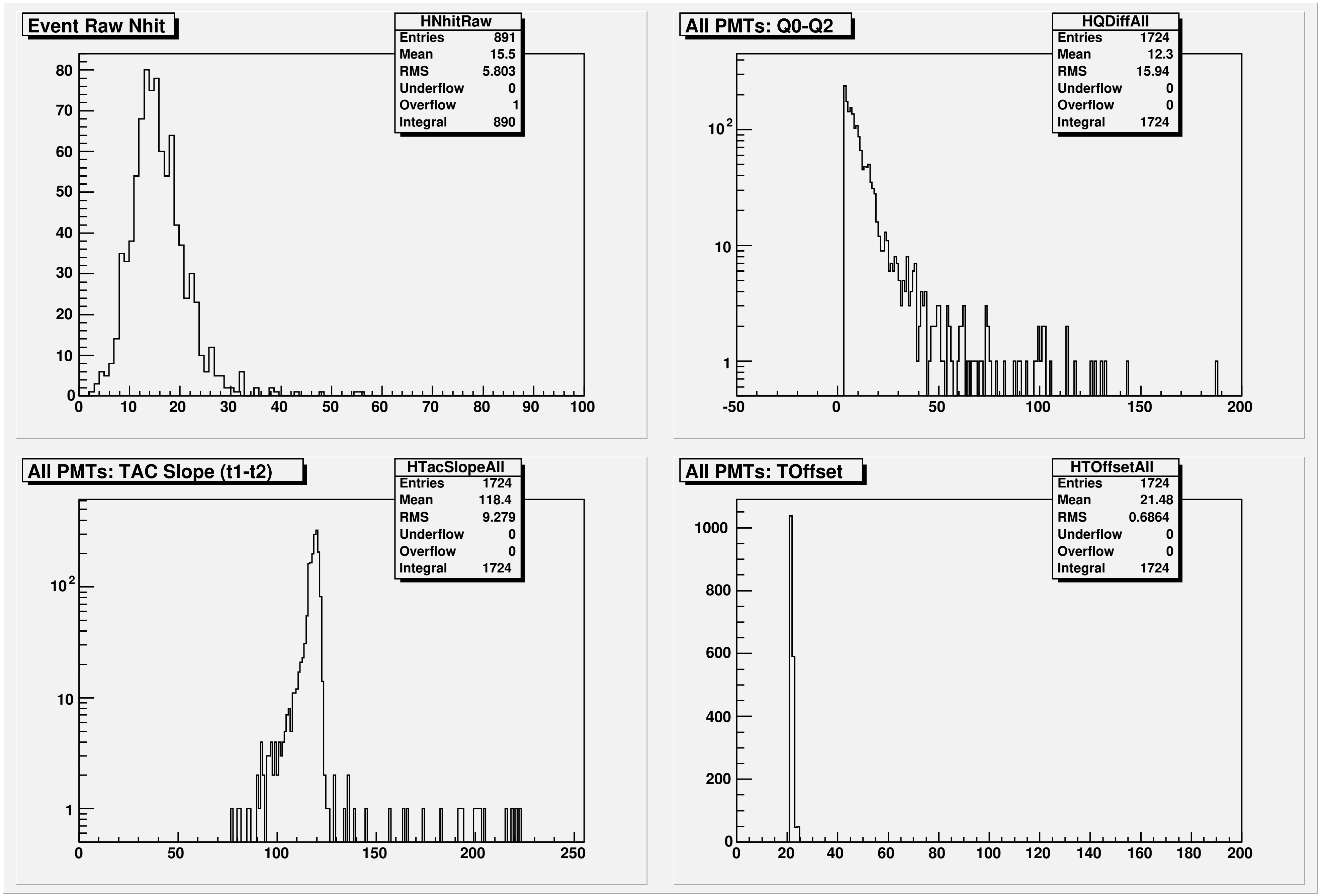
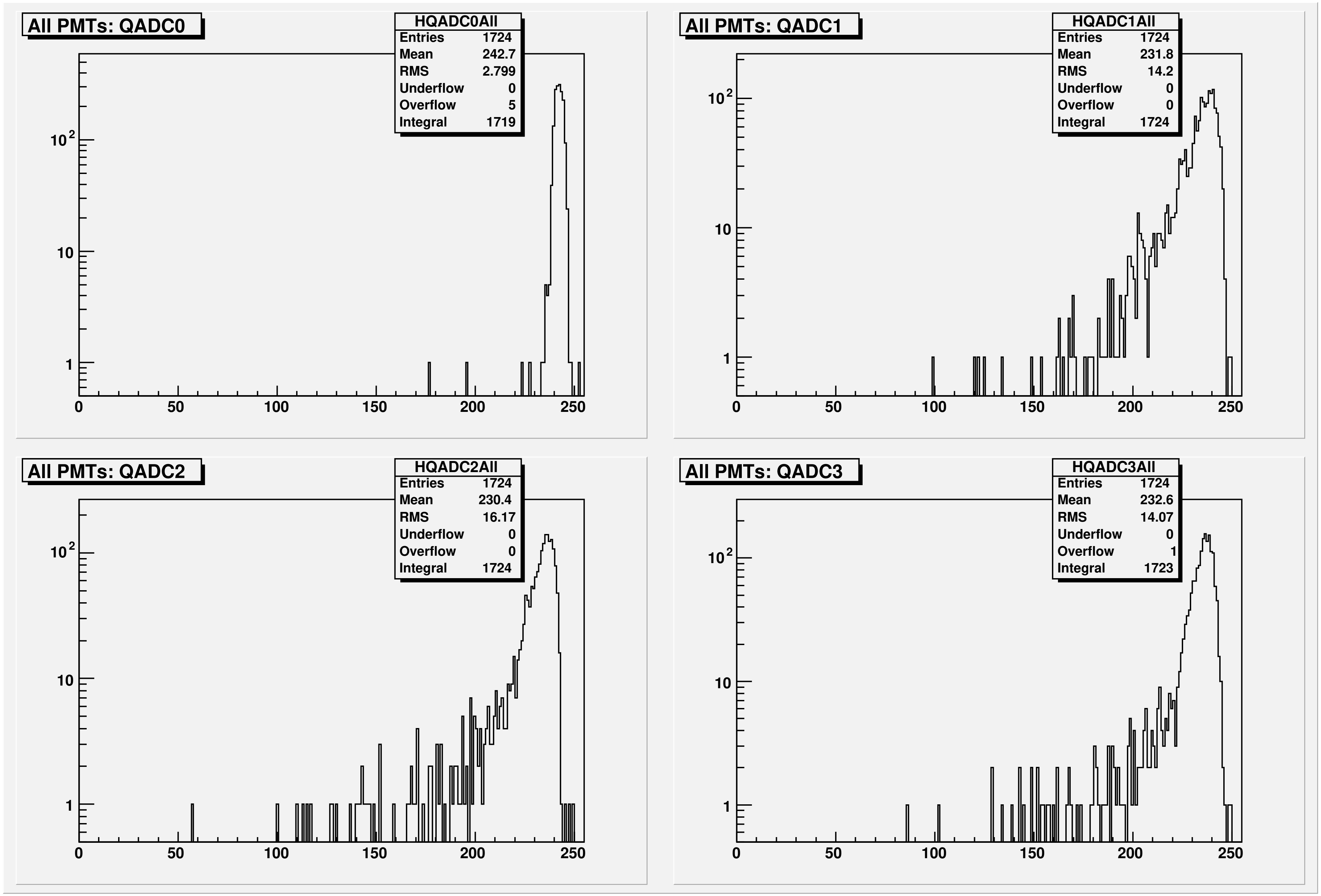
RUN: VlandUnCal Run11490 LEDTCut-QCut

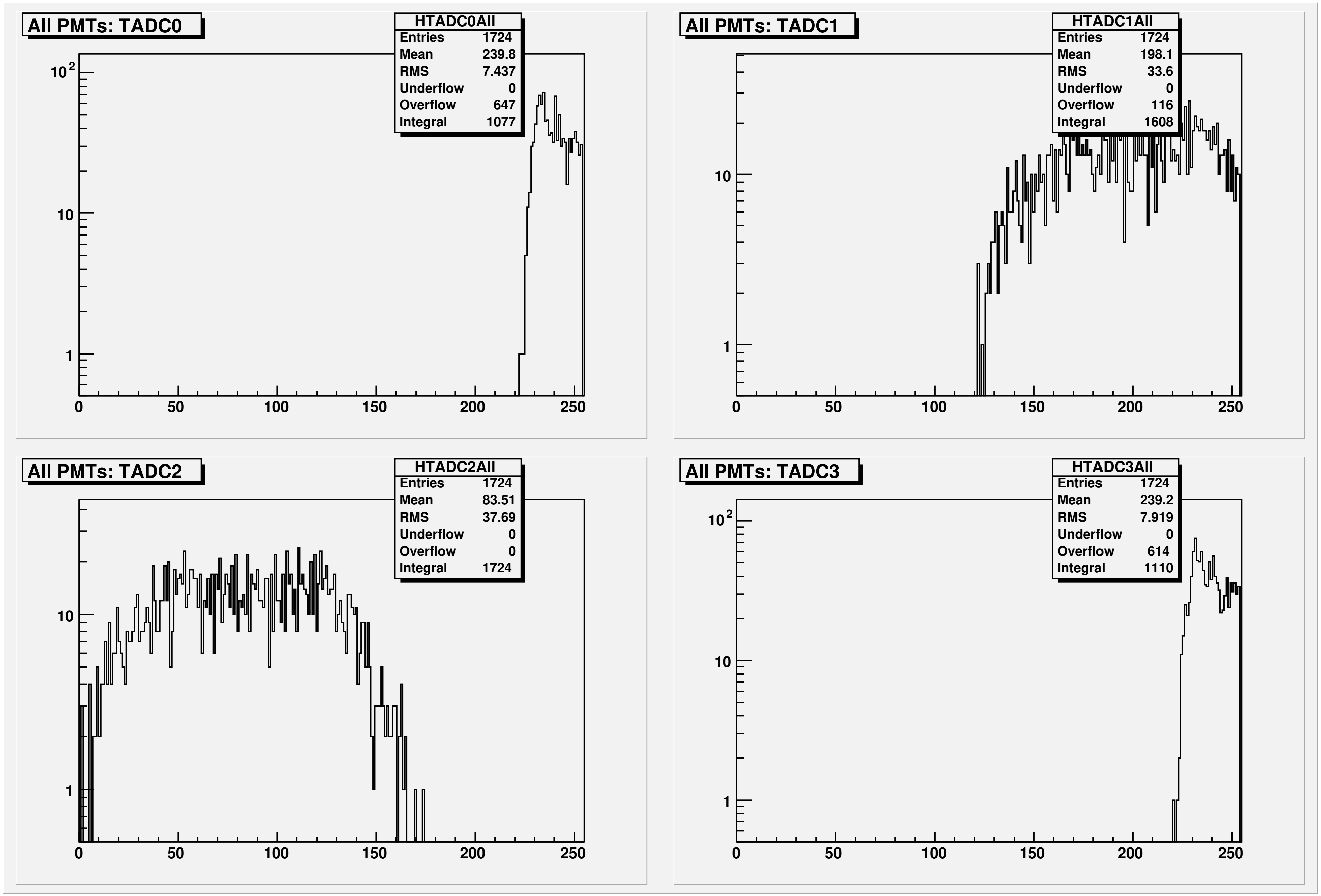

Channel Hits
HHitChan
Entries 1724
Mean 22.75
RMS 12.25
Underflow 0
Overflow 0
Integral 1724
Channel Rate (Hz)
HRateChan
Entries 1724
Mean 22.75
RMS 12.25
Underflow 0
Overflow 0
Integral 9.675e+04
Channel Rate Histo (Hz)
HRate
Entries 51
Mean 1897
RMS 1990
Underflow 0
Overflow 0
Integral 51



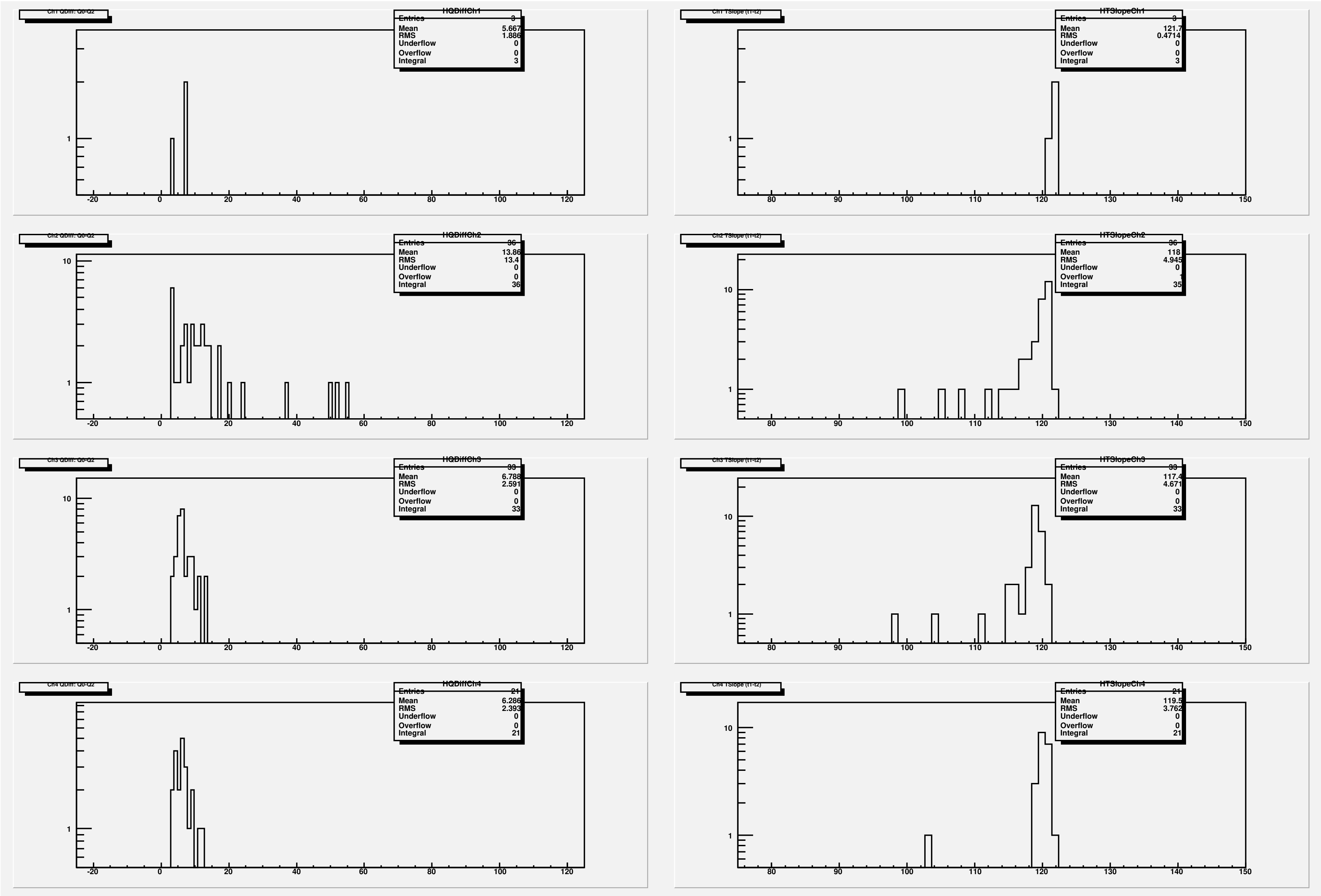
Event Raw Nhit
HNhitRaw
Entries 891
Mean 15.5
RMS 5.803
Underflow 0
Overflow 1
Integral 890
All PMTs: Q0-Q2
HQDiffAll
Entries 1724
Mean 12.3
RMS 15.94
Underflow 0
Overflow 0
Integral 1724
All PMTs: TAC Slope (t1-t2)
HTacSlopeAll
Entries 1724
Mean 118.4
RMS 9.279
Underflow 0
Overflow 0
Integral 1724
All PMTs: TOffset
HTOffsetAll
Entries 1724
Mean 21.48
RMS 0.6864
Underflow 0
Overflow 0
Integral 1724



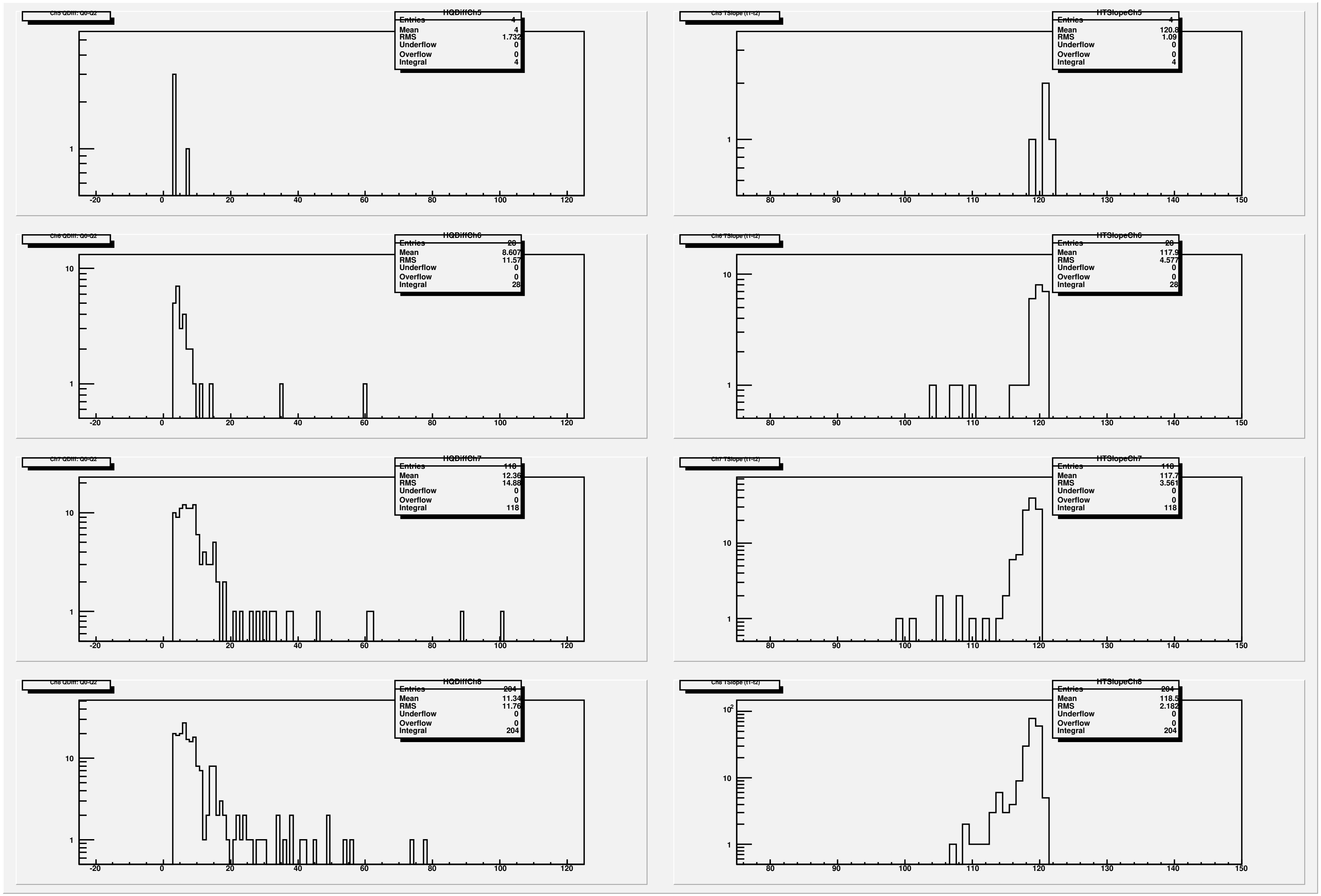
All PMTs: QADC0
HQADC0All
Entries 1724
Mean 242.7
RMS 2.799
Underflow 0
Overflow 5
Integral 1719
All PMTs: QADC1
HQADC1All
Entries 1724
Mean 231.8
RMS 14.2
Underflow 0
Overflow 0
Integral 1724
All PMTs: QADC2
HQADC2All
Entries 1724
Mean 230.4
RMS 16.17
Underflow 0
Overflow 0
Integral 1724
All PMTs: QADC3
HQADC3All
Entries 1724
Mean 232.6
RMS 14.07
Underflow 0
Overflow 1
Integral 1723
10^2
10
1
0
50
100
150
200
250



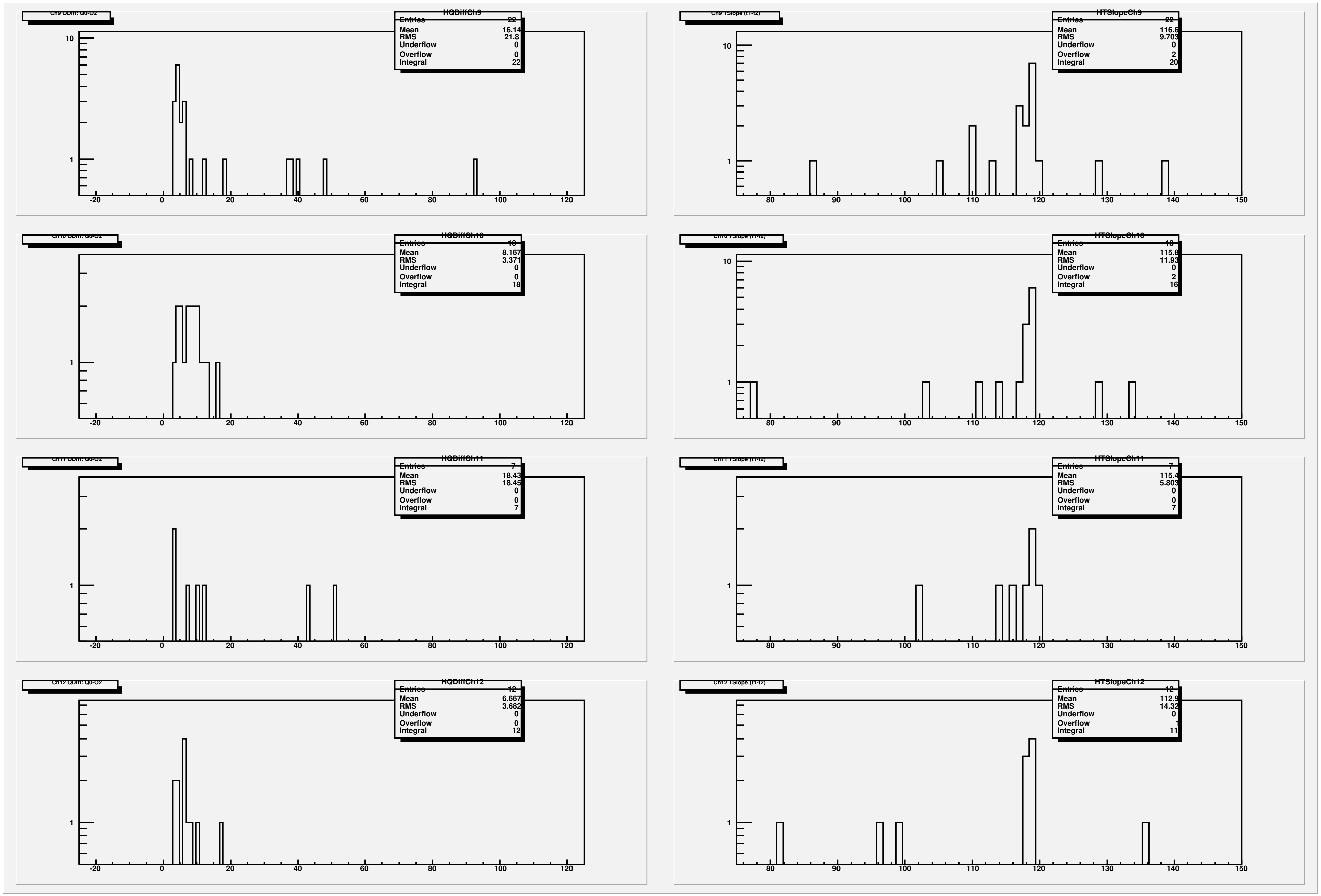
All PMTs: TADC0
HTADC0All
Entries 1724
Mean 239.8
RMS 7.437
Underflow 0
Overflow 647
Integral 1077
All PMTs: TADC1
HTADC1All
Entries 1724
Mean 198.1
RMS 33.6
Underflow 0
Overflow 116
Integral 1608
All PMTs: TADC2
HTADC2All
Entries 1724
Mean 83.51
RMS 37.69
Underflow 0
Overflow 0
Integral 1724
All PMTs: TADC3
HTADC3All
Entries 1724
Mean 239.2
RMS 7.919
Underflow 0
Overflow 614
Integral 1110

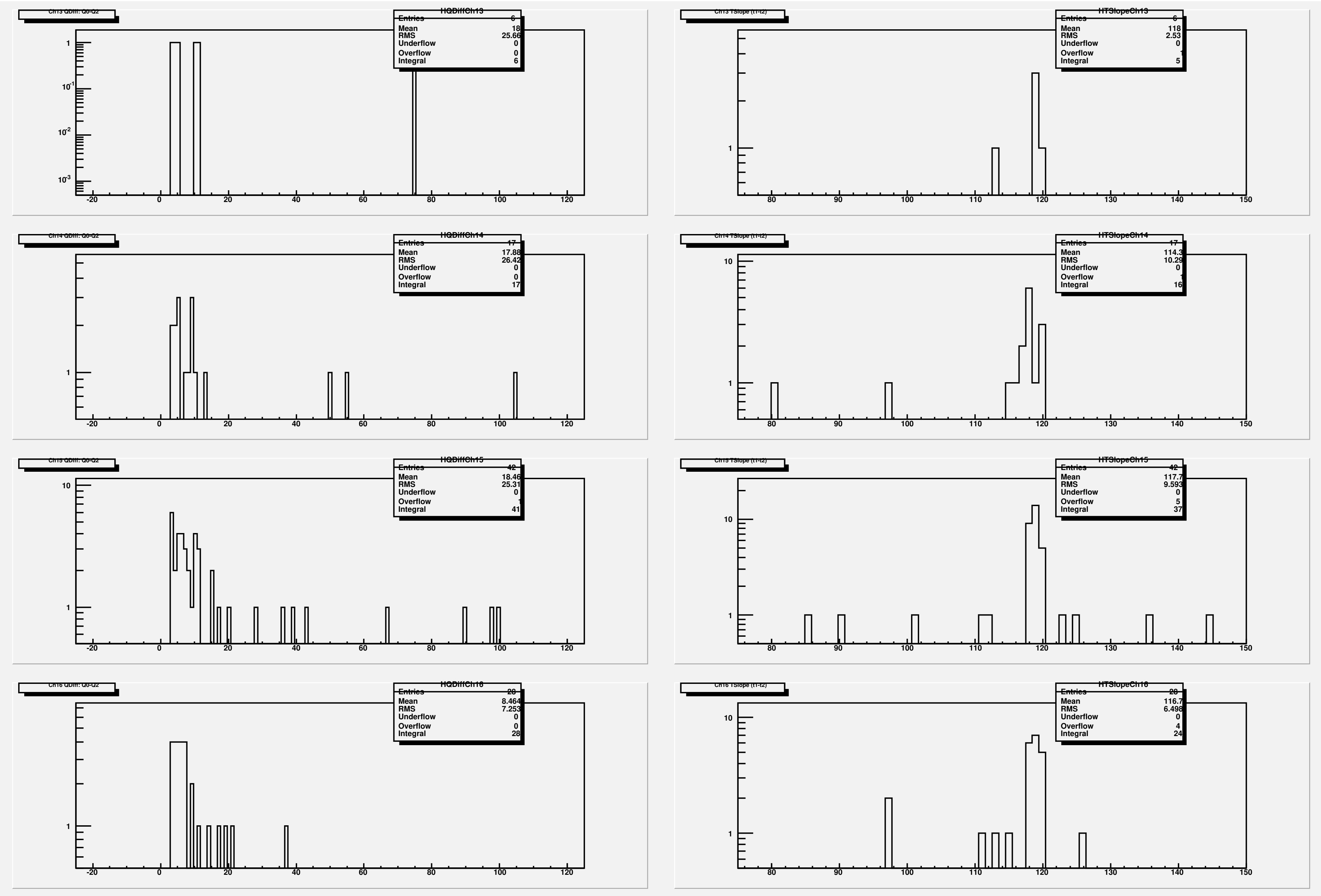


Ch1 QDiff: Q0-Q2
HQDiffCh1
Entries 3
Mean 5.667
RMS 1.886
Underflow 0
Overflow 0
Integral 3
Ch1 TSlope (t1-t2)
HTSlopeCh1
Entries 3
Mean 121.7
RMS 0.4714
Underflow 0
Overflow 0
Integral 3
Ch2 QDiff: Q0-Q2
HQDiffCh2
Entries 36
Mean 13.86
RMS 13.4
Underflow 0
Overflow 0
Integral 36
Ch2 TSlope (t1-t2)
HTSlopeCh2
Entries 36
Mean 118
RMS 4.945
Underflow 0
Overflow 1
Integral 35
Ch3 QDiff: Q0-Q2
HQDiffCh3
Entries 33
Mean 6.788
RMS 2.591
Underflow 0
Overflow 0
Integral 33
Ch3 TSlope (t1-t2)
HTSlopeCh3
Entries 33
Mean 117.4
RMS 4.671
Underflow 0
Overflow 0
Integral 33
Ch4 QDiff: Q0-Q2
HQDiffCh4
Entries 21
Mean 6.286
RMS 2.393
Underflow 0
Overflow 0
Integral 21
Ch4 TSlope (t1-t2)
HTSlopeCh4
Entries 21
Mean 119.5
RMS 3.762
Underflow 0
Overflow 0
Integral 21

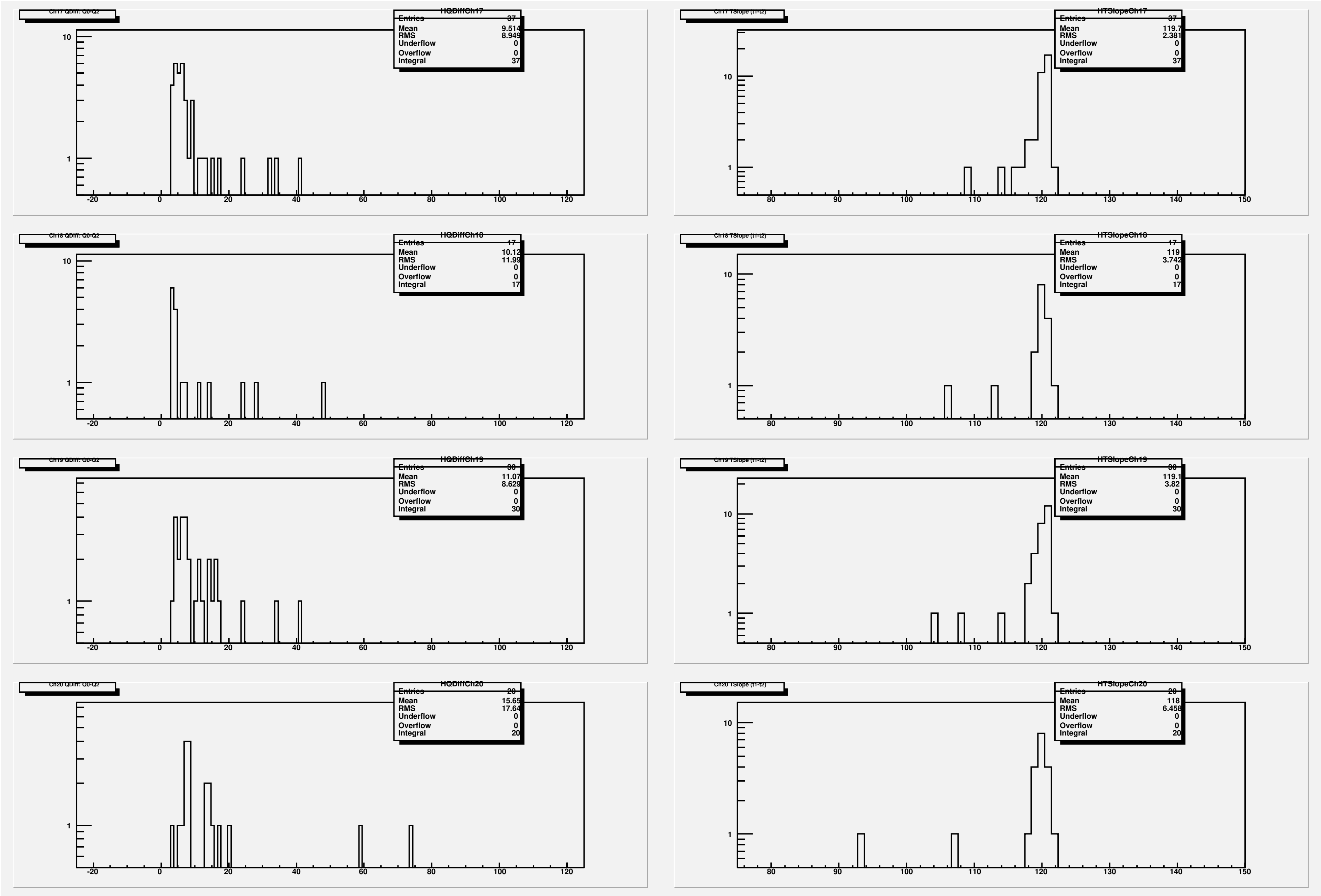


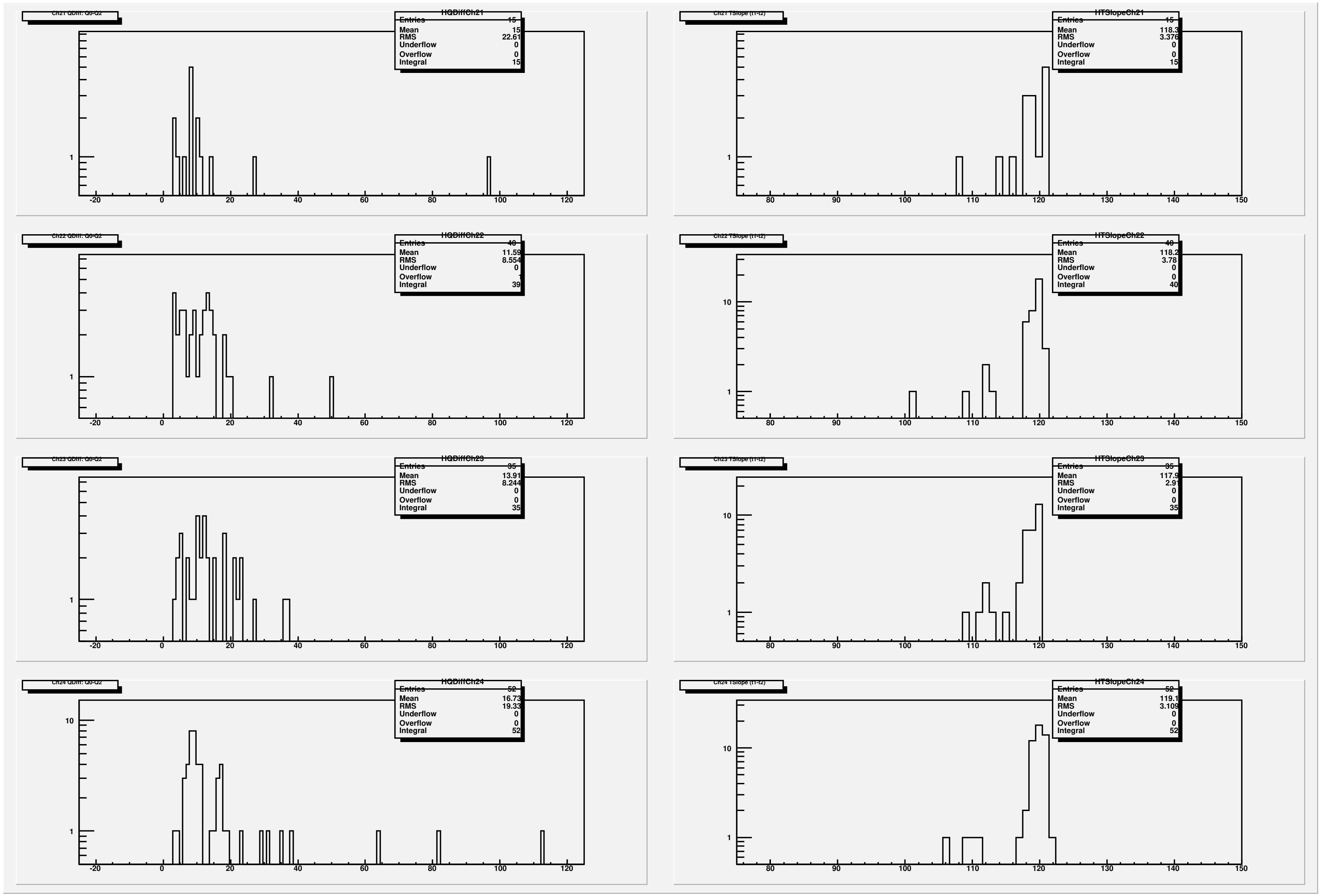
Ch5 QDiff: Q0-Q2
HQDiffCh5
Entries 4
Mean 4
RMS 1.732
Underflow 0
Overflow 0
Integral 4
Ch5 TSlope (t1-t2)
HTSlopeCh5
Entries 4
Mean 120.8
RMS 1.09
Underflow 0
Overflow 0
Integral 4
Ch6 QDiff: Q0-Q2
HQDiffCh6
Entries 28
Mean 8.607
RMS 11.57
Underflow 0
Overflow 0
Integral 28
Ch6 TSlope (t1-t2)
HTSlopeCh6
Entries 28
Mean 117.9
RMS 4.577
Underflow 0
Overflow 0
Integral 28
Ch7 QDiff: Q0-Q2
HQDiffCh7
Entries 118
Mean 12.36
RMS 14.88
Underflow 0
Overflow 0
Integral 118
Ch7 TSlope (t1-t2)
HTSlopeCh7
Entries 118
Mean 117.7
RMS 3.561
Underflow 0
Overflow 0
Integral 118
Ch8 QDiff: Q0-Q2
HQDiffCh8
Entries 204
Mean 11.34
RMS 11.76
Underflow 0
Overflow 0
Integral 204
Ch8 TSlope (t1-t2)
HTSlopeCh8
Entries 204
Mean 118.5
RMS 2.182
Underflow 0
Overflow 0
Integral 204


HQDiffCh9
Entries 22
Mean 16.14
RMS 21.8
Underflow 0
Overflow 0
Integral 22
HTSlopeCh9
Entries 22
Mean 116.6
RMS 9.703
Underflow 0
Overflow 2
Integral 20
HQDiffCh10
Entries 18
Mean 8.167
RMS 3.371
Underflow 0
Overflow 0
Integral 18
HTSlopeCh10
Entries 18
Mean 115.8
RMS 11.93
Underflow 0
Overflow 2
Integral 16
HQDiffCh11
Entries 7
Mean 18.43
RMS 18.45
Underflow 0
Overflow 0
Integral 7
HTSlopeCh11
Entries 7
Mean 115.4
RMS 5.803
Underflow 0
Overflow 0
Integral 7
HQDiffCh12
Entries 12
Mean 6.667
RMS 3.682
Underflow 0
Overflow 0
Integral 12
HTSlopeCh12
Entries 12
Mean 112.9
RMS 14.32
Underflow 0
Overflow 1
Integral 11

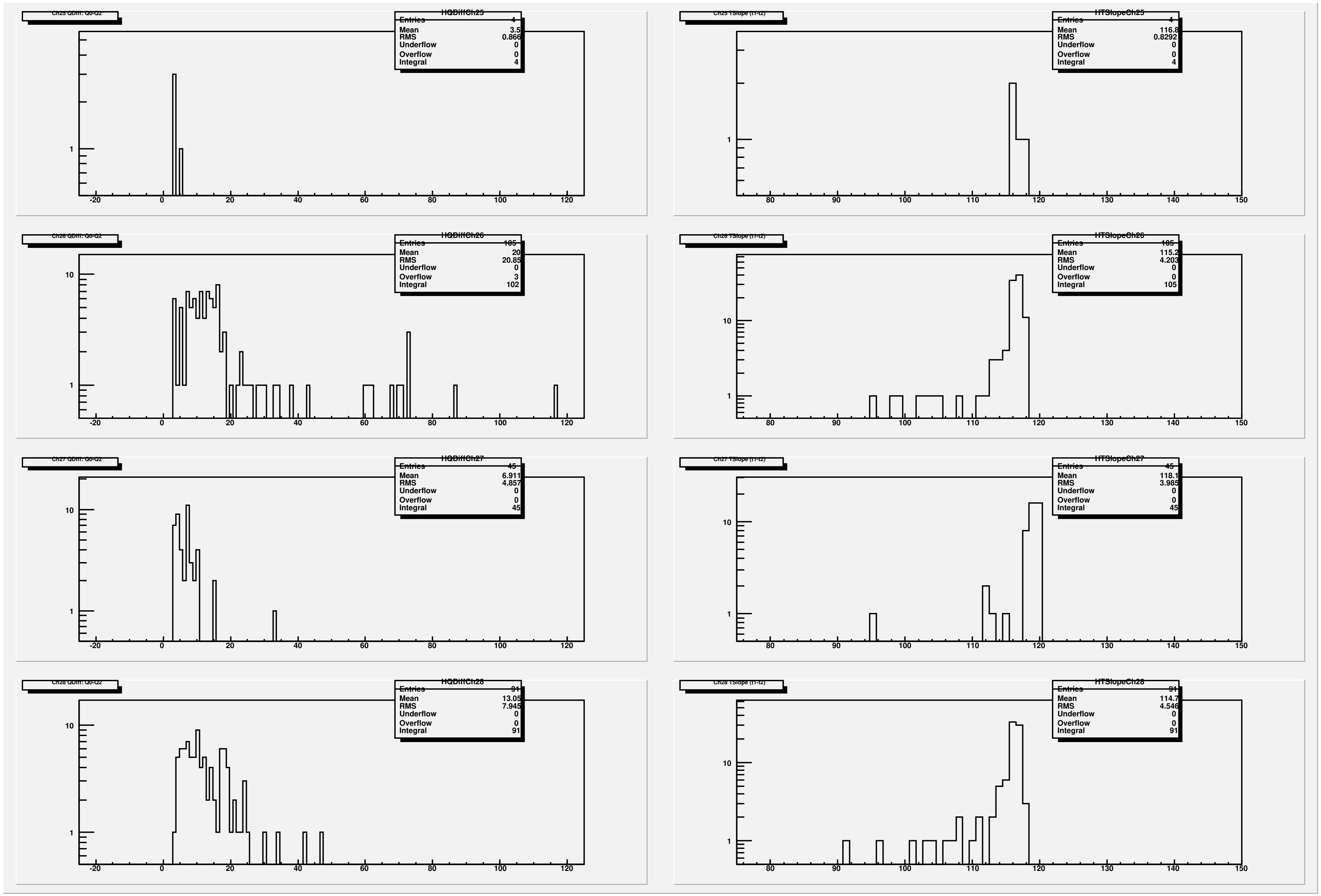


Ch13 QDiff: Q0-Q2
HQDiffCh13
Entries 6
Mean 18
RMS 25.66
Underflow 0
Overflow 0
Integral 6
Ch13 TSlope (t1-t2)
HTSlopeCh13
Entries 6
Mean 118
RMS 2.53
Underflow 0
Overflow 1
Integral 5
Ch14 QDiff: Q0-Q2
HQDiffCh14
Entries 17
Mean 17.88
RMS 26.42
Underflow 0
Overflow 0
Integral 17
Ch14 TSlope (t1-t2)
HTSlopeCh14
Entries 17
Mean 114.3
RMS 10.29
Underflow 0
Overflow 1
Integral 16
Ch15 QDiff: Q0-Q2
HQDiffCh15
Entries 42
Mean 18.46
RMS 25.31
Underflow 0
Overflow 1
Integral 41
Ch15 TSlope (t1-t2)
HTSlopeCh15
Entries 42
Mean 117.7
RMS 9.593
Underflow 0
Overflow 5
Integral 37
Ch16 QDiff: Q0-Q2
HQDiffCh16
Entries 28
Mean 8.464
RMS 7.253
Underflow 0
Overflow 0
Integral 28
Ch16 TSlope (t1-t2)
HTSlopeCh16
Entries 28
Mean 116.7
RMS 6.498
Underflow 0
Overflow 4
Integral 24

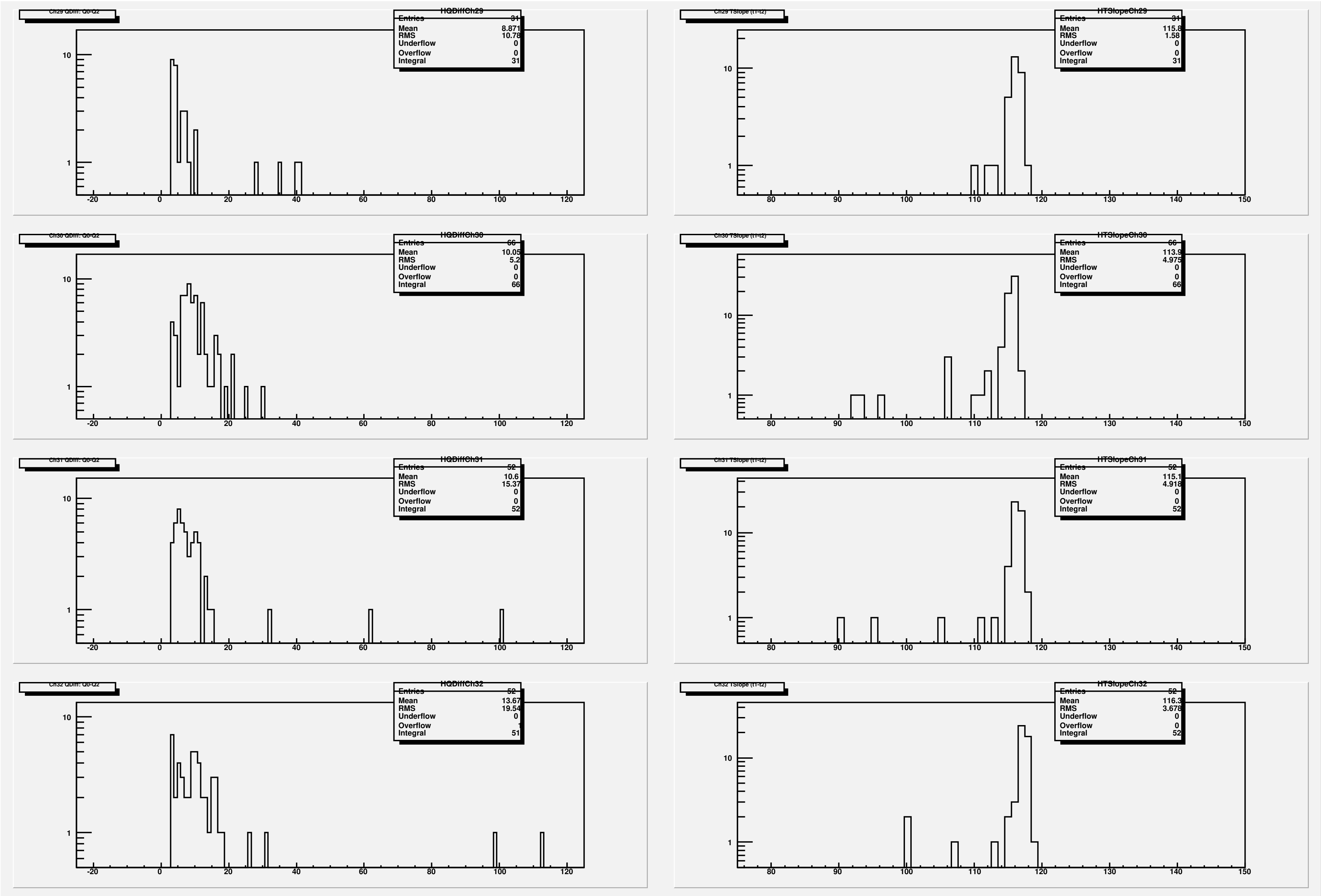

Ch17 QDiff: Q0-Q2
HQDiffCh17
Entries 37
Mean 9.514
RMS 8.949
Underflow 0
Overflow 0
Integral 37
10
1
-20 0 20 40 60 80 100 120
Ch17 TSlope (t1-t2)
HTSlopeCh17
Entries 37
Mean 119.7
RMS 2.381
Underflow 0
Overflow 0
Integral 37
10
1
80 90 100 110 120 130 140 150
Ch18 QDiff: Q0-Q2
HQDiffCh18
Entries 17
Mean 10.12
RMS 11.99
Underflow 0
Overflow 0
Integral 17
10
1
-20 0 20 40 60 80 100 120
Ch18 TSlope (t1-t2)
HTSlopeCh18
Entries 17
Mean 119
RMS 3.742
Underflow 0
Overflow 0
Integral 17
10
1
80 90 100 110 120 130 140 150
Ch19 QDiff: Q0-Q2
HQDiffCh19
Entries 30
Mean 11.07
RMS 8.629
Underflow 0
Overflow 0
Integral 30
1
-20 0 20 40 60 80 100 120
Ch19 TSlope (t1-t2)
HTSlopeCh19
Entries 30
Mean 119.1
RMS 3.82
Underflow 0
Overflow 0
Integral 30
10
1
80 90 100 110 120 130 140 150
Ch20 QDiff: Q0-Q2
HQDiffCh20
Entries 20
Mean 15.65
RMS 17.64
Underflow 0
Overflow 0
Integral 20
1
-20 0 20 40 60 80 100 120
Ch20 TSlope (t1-t2)
HTSlopeCh20
Entries 20
Mean 118
RMS 6.458
Underflow 0
Overflow 0
Integral 20
10
1
80 90 100 110 120 130 140 150



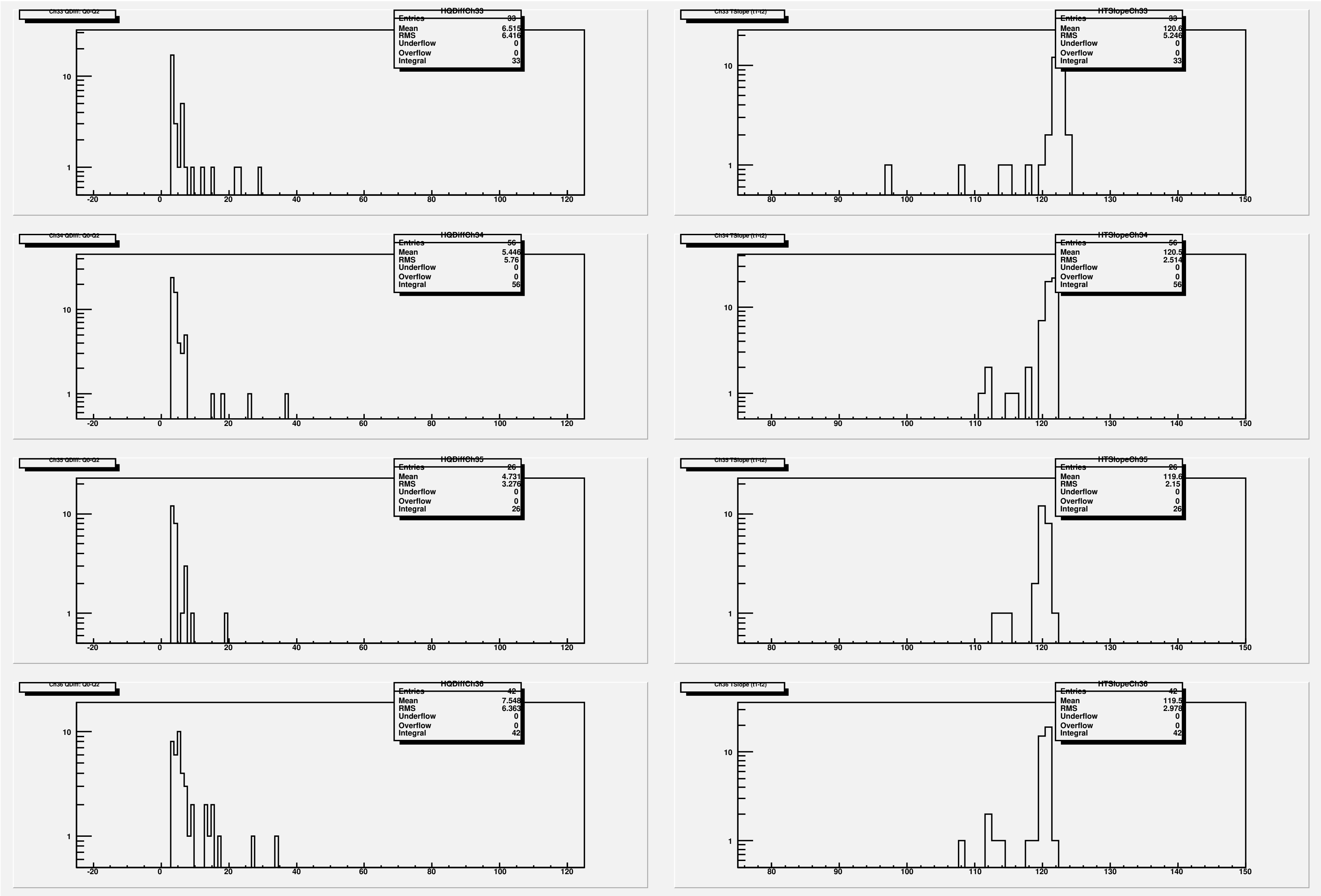
Ch21 QDiff: Q0-Q2
HQDiffCh21
Entries 15
Mean 15
RMS 22.61
Underflow 0
Overflow 0
Integral 15
Ch21 TSlope (t1-t2)
HTSlopeCh21
Entries 15
Mean 118.3
RMS 3.376
Underflow 0
Overflow 0
Integral 15
Ch22 QDiff: Q0-Q2
HQDiffCh22
Entries 40
Mean 11.59
RMS 8.554
Underflow 0
Overflow 1
Integral 39
Ch22 TSlope (t1-t2)
HTSlopeCh22
Entries 40
Mean 118.2
RMS 3.78
Underflow 0
Overflow 0
Integral 40
Ch23 QDiff: Q0-Q2
HQDiffCh23
Entries 35
Mean 13.91
RMS 8.244
Underflow 0
Overflow 0
Integral 35
Ch23 TSlope (t1-t2)
HTSlopeCh23
Entries 35
Mean 117.9
RMS 2.91
Underflow 0
Overflow 0
Integral 35
Ch24 QDiff: Q0-Q2
HQDiffCh24
Entries 52
Mean 16.73
RMS 19.33
Underflow 0
Overflow 0
Integral 52
Ch24 TSlope (t1-t2)
HTSlopeCh24
Entries 52
Mean 119.1
RMS 3.109
Underflow 0
Overflow 0
Integral 52

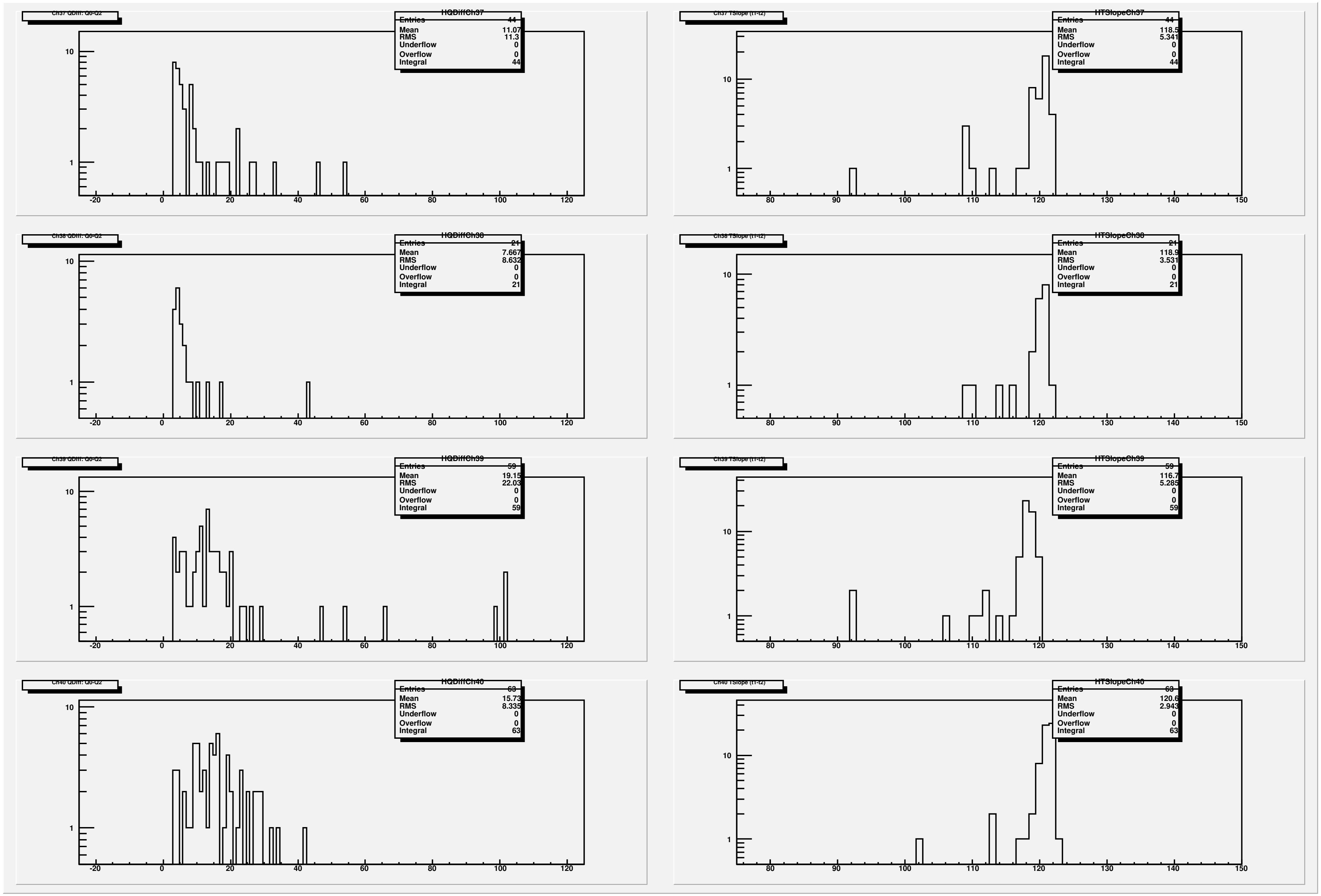


Ch25 QDiff: Q0-Q2
HQDiffCh25
Entries 4
Mean 3.5
RMS 0.866
Underflow 0
Overflow 0
Integral 4
Ch25 TSlope (t1-t2)
HTSlopeCh25
Entries 4
Mean 116.8
RMS 0.8292
Underflow 0
Overflow 0
Integral 4
Ch26 QDiff: Q0-Q2
HQDiffCh26
Entries 105
Mean 20
RMS 20.85
Underflow 0
Overflow 3
Integral 102
Ch26 TSlope (t1-t2)
HTSlopeCh26
Entries 105
Mean 115.2
RMS 4.203
Underflow 0
Overflow 0
Integral 105
Ch27 QDiff: Q0-Q2
HQDiffCh27
Entries 45
Mean 6.911
RMS 4.857
Underflow 0
Overflow 0
Integral 45
Ch27 TSlope (t1-t2)
HTSlopeCh27
Entries 45
Mean 118.1
RMS 3.985
Underflow 0
Overflow 0
Integral 45
Ch28 QDiff: Q0-Q2
HQDiffCh28
Entries 91
Mean 13.05
RMS 7.945
Underflow 0
Overflow 0
Integral 91
Ch28 TSlope (t1-t2)
HTSlopeCh28
Entries 91
Mean 114.7
RMS 4.546
Underflow 0
Overflow 0
Integral 91



Ch29 QDiff: Q0-Q2
HQDiffCh29
Entries 31
Mean 8.871
RMS 10.78
Underflow 0
Overflow 0
Integral 31
Ch29 TSlope (t1-t2)
HTSlopeCh29
Entries 31
Mean 115.8
RMS 1.58
Underflow 0
Overflow 0
Integral 31
Ch30 QDiff: Q0-Q2
HQDiffCh30
Entries 66
Mean 10.05
RMS 5.2
Underflow 0
Overflow 0
Integral 66
Ch30 TSlope (t1-t2)
HTSlopeCh30
Entries 66
Mean 113.9
RMS 4.975
Underflow 0
Overflow 0
Integral 66
Ch31 QDiff: Q0-Q2
HQDiffCh31
Entries 52
Mean 10.6
RMS 15.37
Underflow 0
Overflow 0
Integral 52
Ch31 TSlope (t1-t2)
HTSlopeCh31
Entries 52
Mean 115.1
RMS 4.918
Underflow 0
Overflow 0
Integral 52
Ch32 QDiff: Q0-Q2
HQDiffCh32
Entries 52
Mean 13.67
RMS 19.54
Underflow 0
Overflow 1
Integral 51
Ch32 TSlope (t1-t2)
HTSlopeCh32
Entries 52
Mean 116.3
RMS 3.678
Underflow 0
Overflow 0
Integral 52


Ch33 QDiff: Q0-Q2
HQDiffCh33
Entries 33
Mean 6.515
RMS 6.416
Underflow 0
Overflow 0
Integral 33
Ch33 TSlope (t1-t2)
HTSlopeCh33
Entries 33
Mean 120.6
RMS 5.246
Underflow 0
Overflow 0
Integral 33
Ch34 QDiff: Q0-Q2
HQDiffCh34
Entries 56
Mean 5.446
RMS 5.76
Underflow 0
Overflow 0
Integral 56
Ch34 TSlope (t1-t2)
HTSlopeCh34
Entries 56
Mean 120.5
RMS 2.514
Underflow 0
Overflow 0
Integral 56
Ch35 QDiff: Q0-Q2
HQDiffCh35
Entries 26
Mean 4.731
RMS 3.276
Underflow 0
Overflow 0
Integral 26
Ch35 TSlope (t1-t2)
HTSlopeCh35
Entries 26
Mean 119.6
RMS 2.15
Underflow 0
Overflow 0
Integral 26
Ch36 QDiff: Q0-Q2
HQDiffCh36
Entries 42
Mean 7.548
RMS 6.363
Underflow 0
Overflow 0
Integral 42
Ch36 TSlope (t1-t2)
HTSlopeCh36
Entries 42
Mean 119.5
RMS 2.978
Underflow 0
Overflow 0
Integral 42



Ch37 QDiff: Q0-Q2
HQDiffCh37
Entries 44
Mean 11.07
RMS 11.3
Underflow 0
Overflow 0
Integral 44
Ch37 TSlope (t1-t2)
HTSlopeCh37
Entries 44
Mean 118.5
RMS 5.341
Underflow 0
Overflow 0
Integral 44
Ch38 QDiff: Q0-Q2
HQDiffCh38
Entries 21
Mean 7.667
RMS 8.632
Underflow 0
Overflow 0
Integral 21
Ch38 TSlope (t1-t2)
HTSlopeCh38
Entries 21
Mean 118.9
RMS 3.531
Underflow 0
Overflow 0
Integral 21
Ch39 QDiff: Q0-Q2
HQDiffCh39
Entries 59
Mean 19.15
RMS 22.03
Underflow 0
Overflow 0
Integral 59
Ch39 TSlope (t1-t2)
HTSlopeCh39
Entries 59
Mean 116.7
RMS 5.285
Underflow 0
Overflow 0
Integral 59
Ch40 QDiff: Q0-Q2
HQDiffCh40
Entries 63
Mean 15.73
RMS 8.335
Underflow 0
Overflow 0
Integral 63
Ch40 TSlope (t1-t2)
HTSlopeCh40
Entries 63
Mean 120.6
RMS 2.943
Underflow 0
Overflow 0
Integral 63