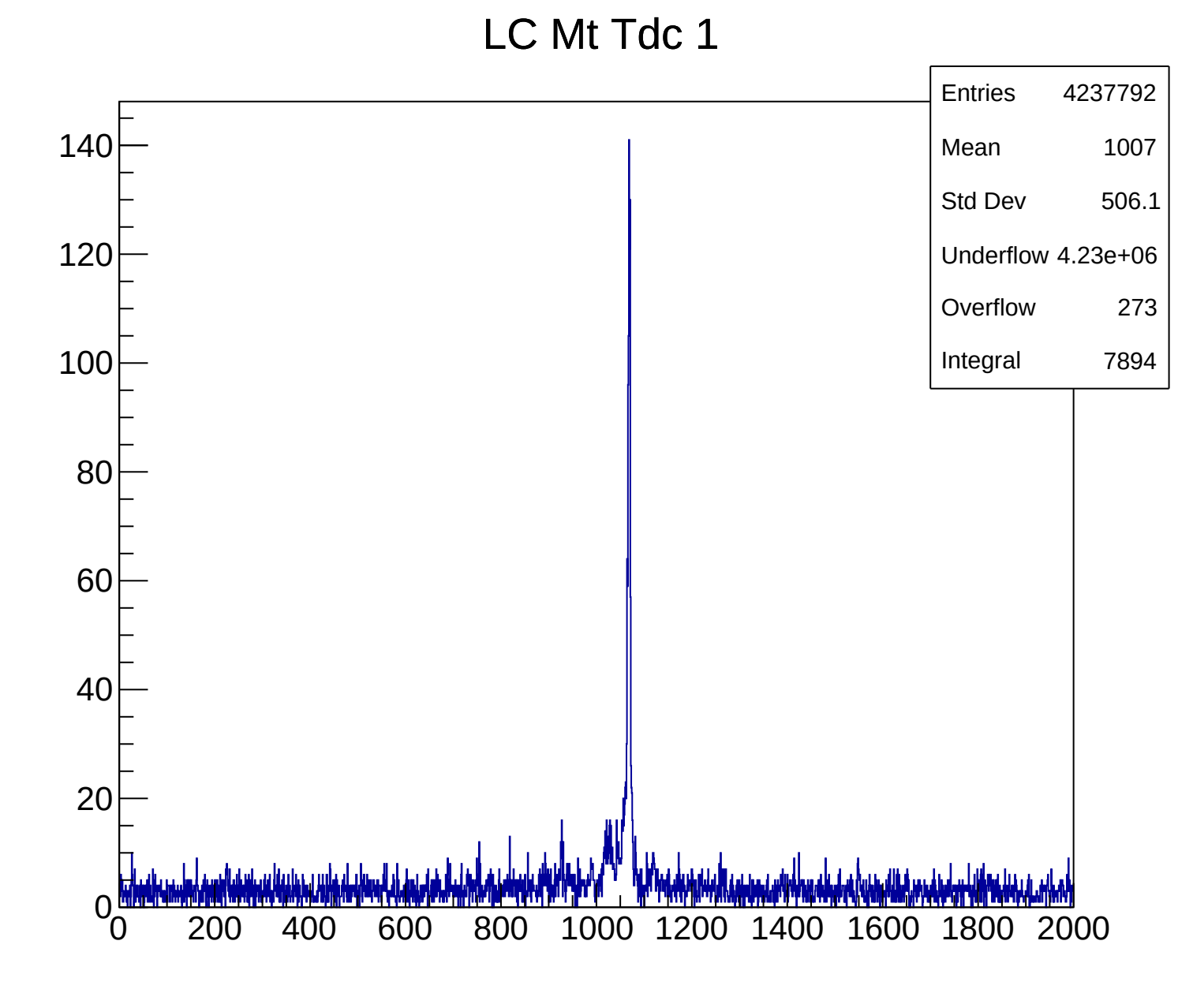
LC Mt Tdc 1
Entries 4237792
Mean 1007
Std Dev 506.1
Underflow 4.23e+06
Overflow 273
Integral 7894
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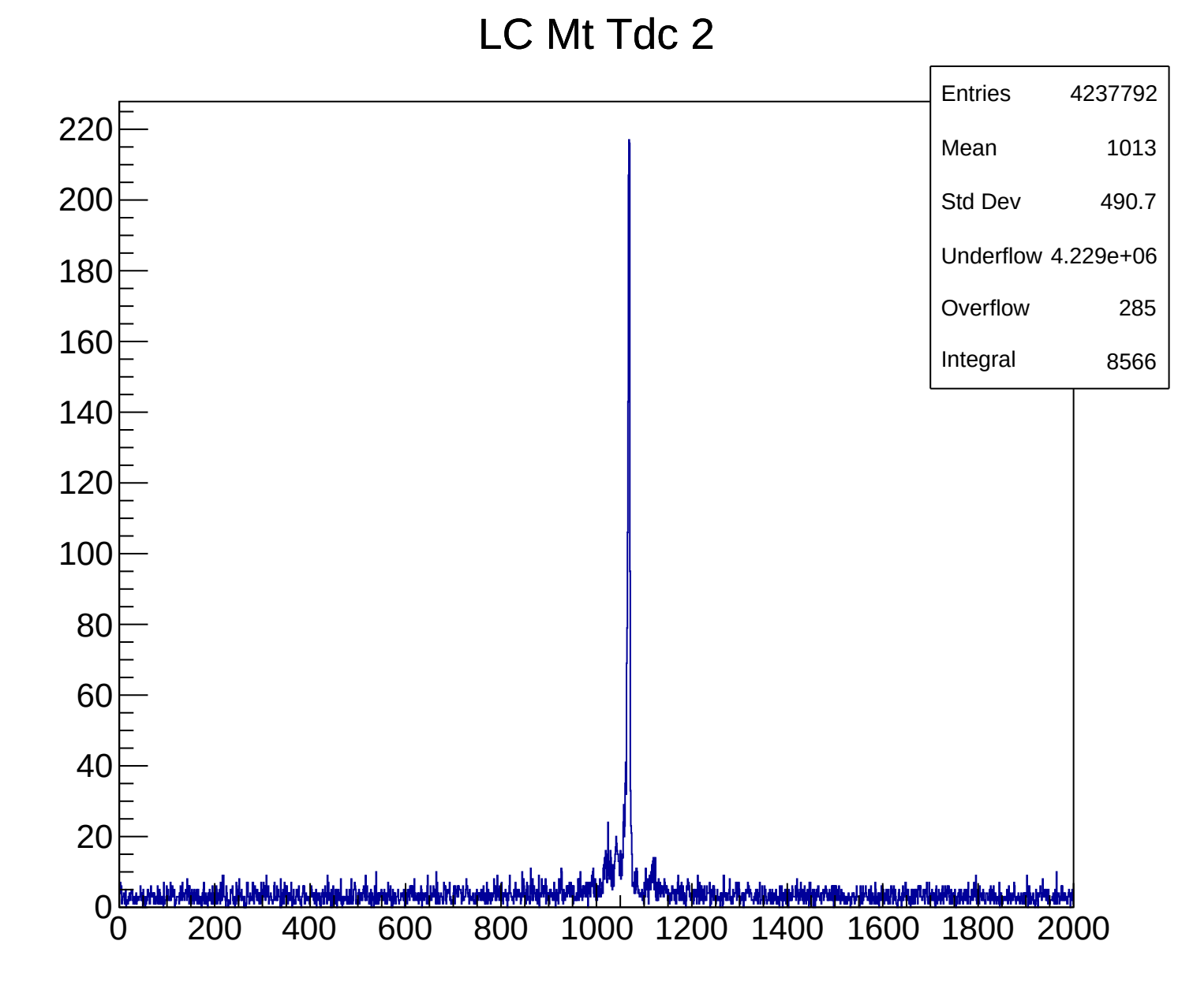
LC Mt Tdc 2
Entries 4237792
Mean 1013
Std Dev 490.7
Underflow 4.229e+06
Overflow 285
Integral 8566
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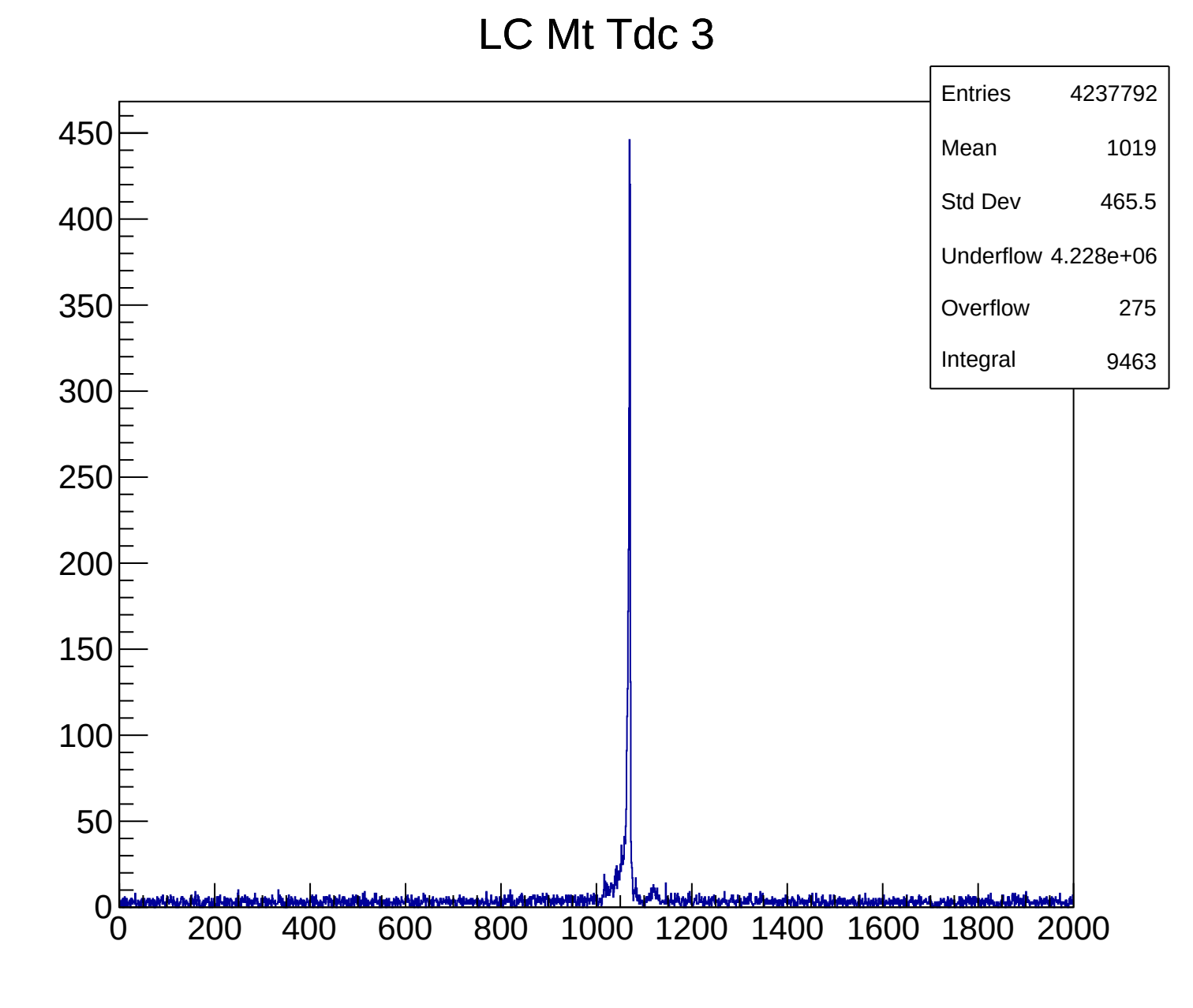
LC Mt Tdc 3
Entries 4237792
Mean 1019
Std Dev 465.5
Underflow 4.228e+06
Overflow 275
Integral 9463
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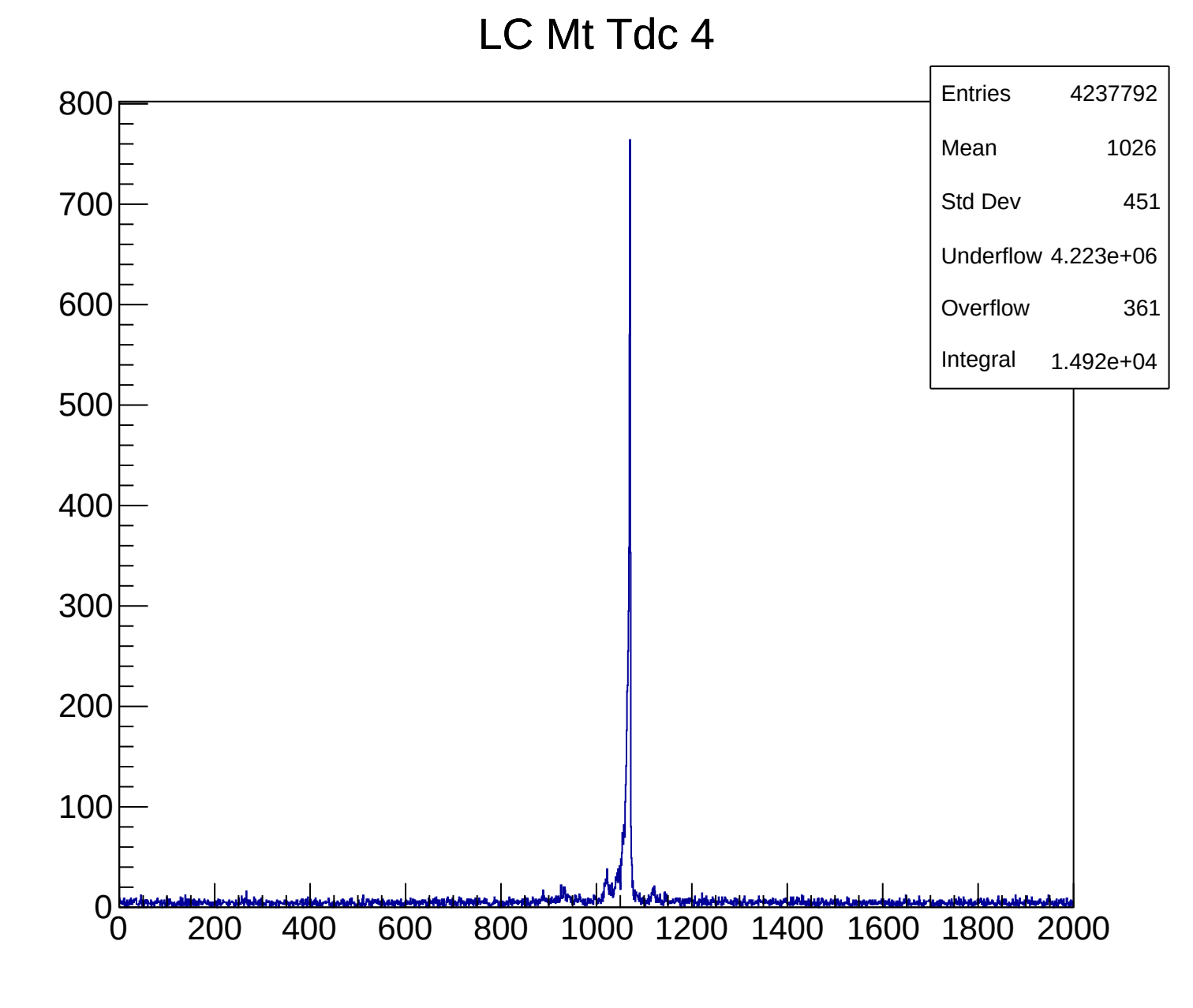
LC Mt Tdc 4
Entries 4237792
Mean 1026
Std Dev 451
Underflow 4.223e+06
Overflow 361
Integral 1.492e+04
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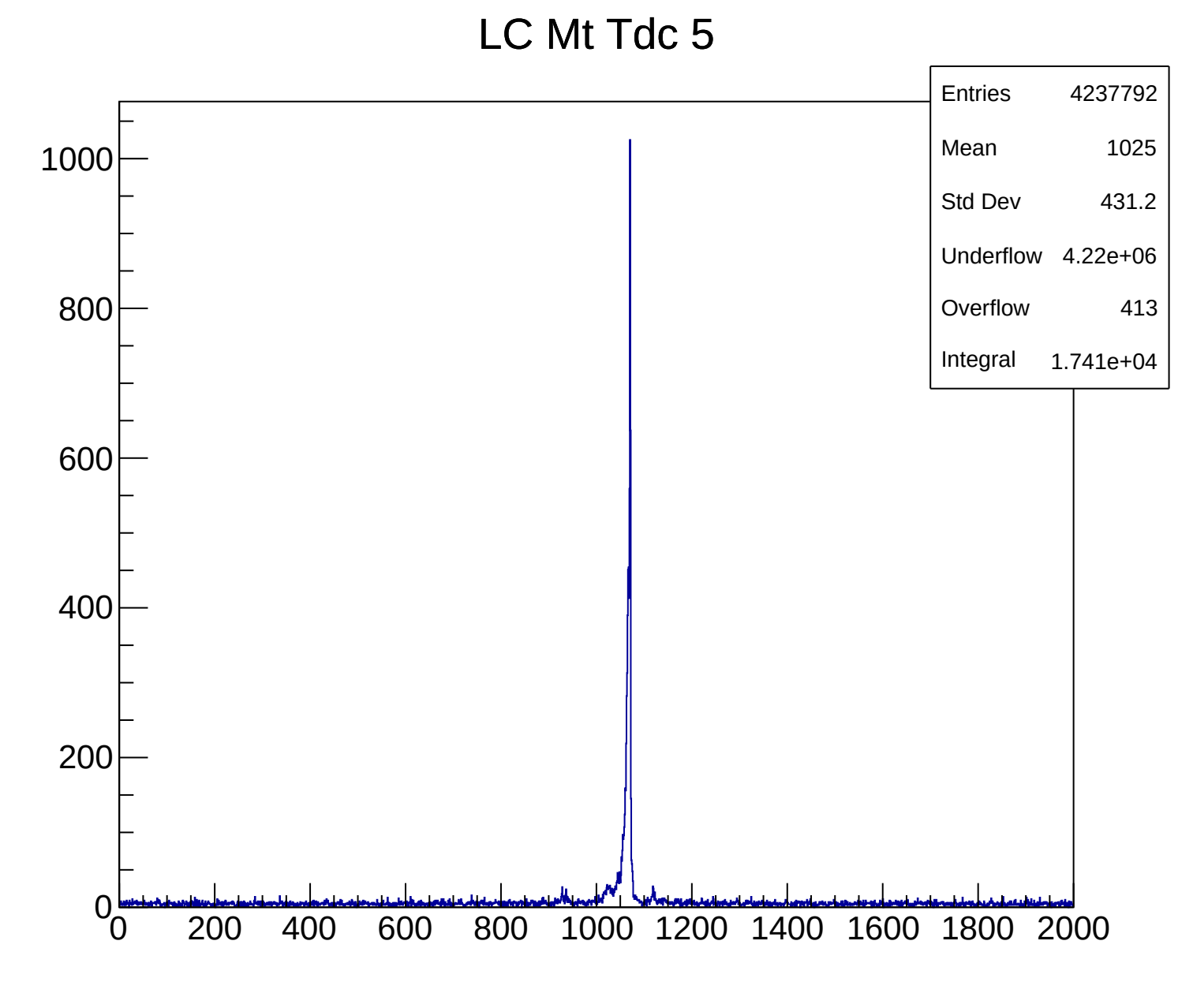
LC Mt Tdc 5
Entries 4237792
Mean 1025
Std Dev 431.2
Underflow 4.22e+06
Overflow 413
Integral 1.741e+04
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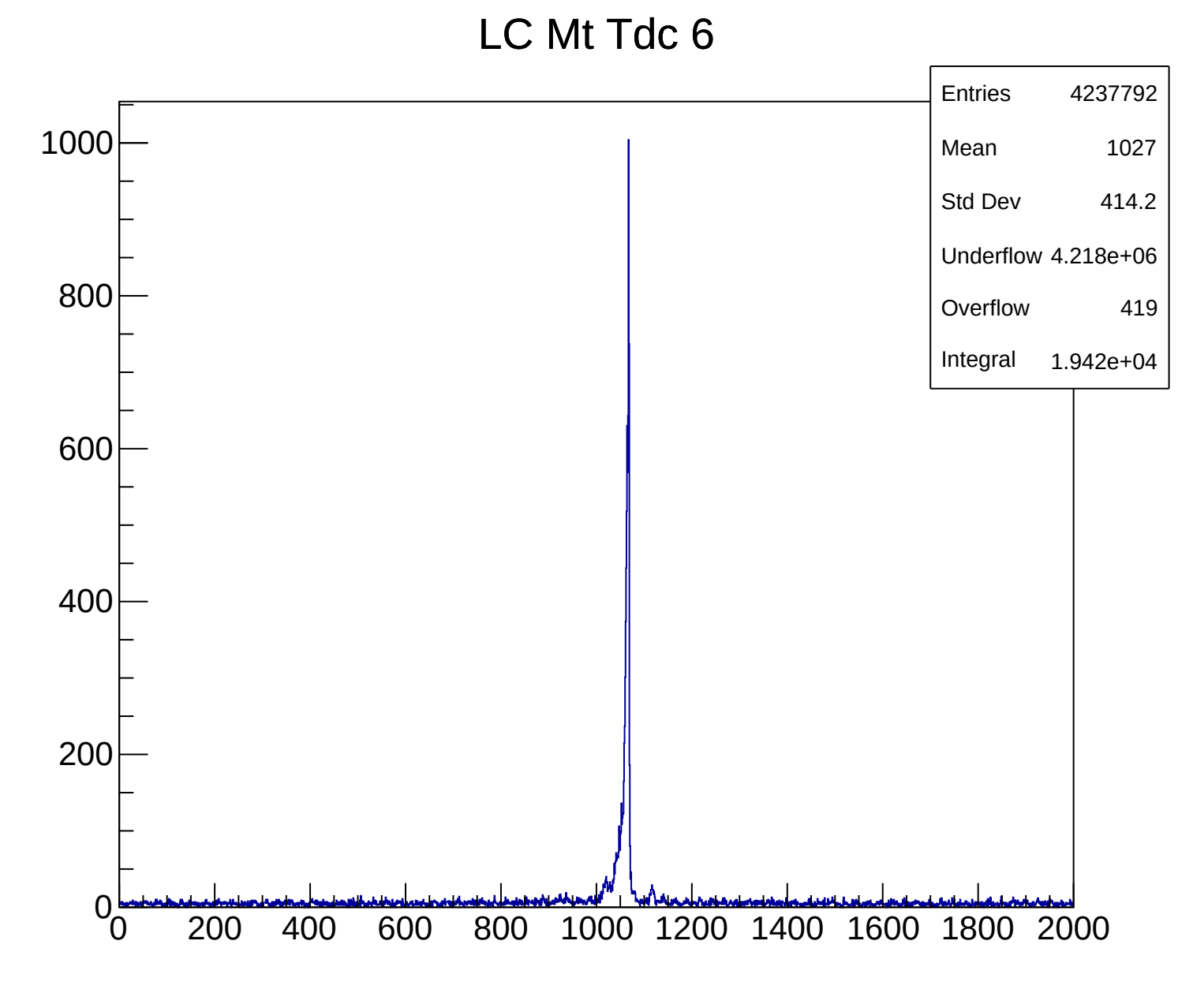
LC Mt Tdc 6
Entries 4237792
Mean 1027
Std Dev 414.2
Underflow 4.218e+06
Overflow 419
Integral 1.942e+04
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400
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0
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600
800
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1800
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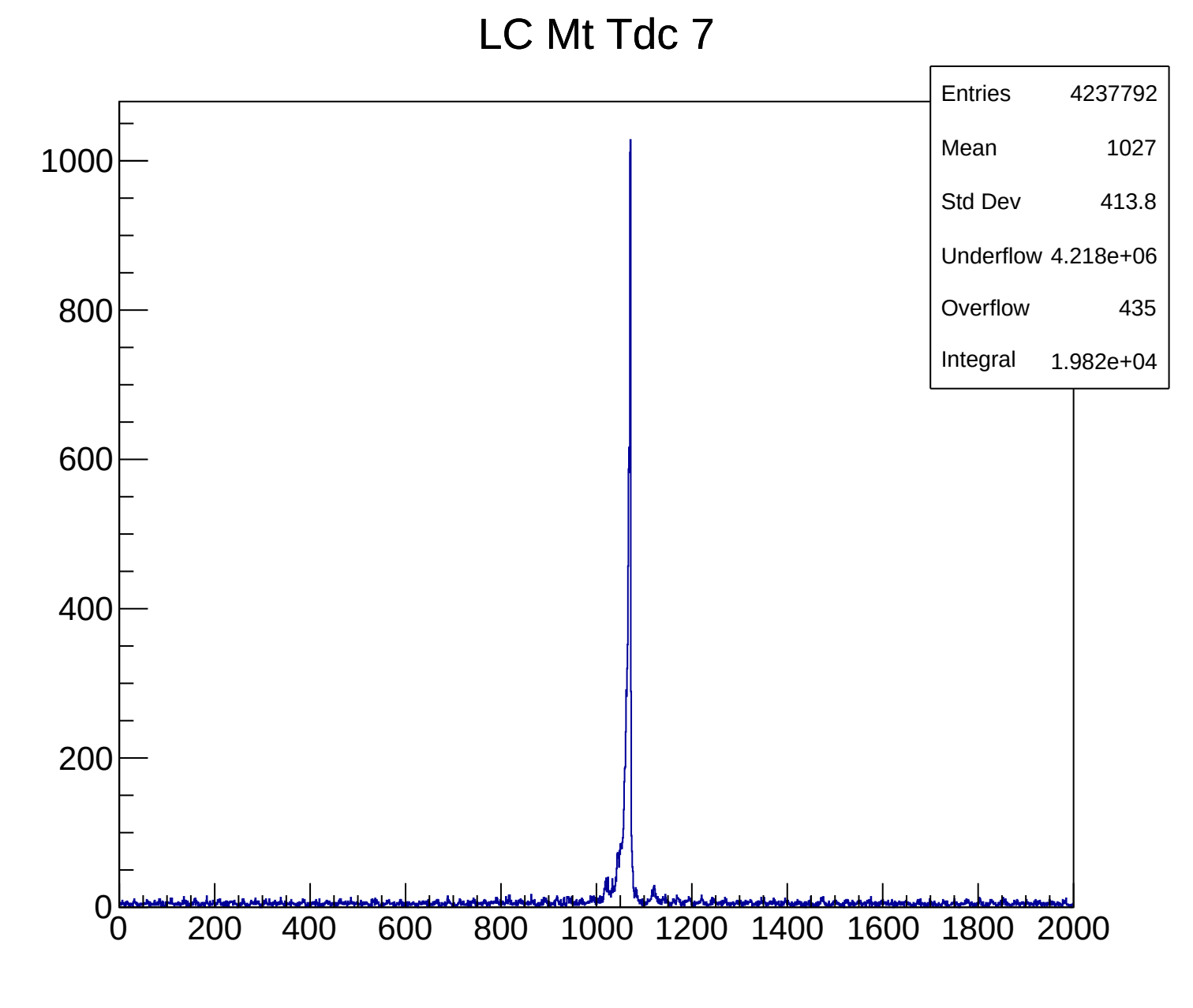
LC Mt Tdc 7
Entries 4237792
Mean 1027
Std Dev 413.8
Underflow 4.218e+06
Overflow 435
Integral 1.982e+04
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600
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1800
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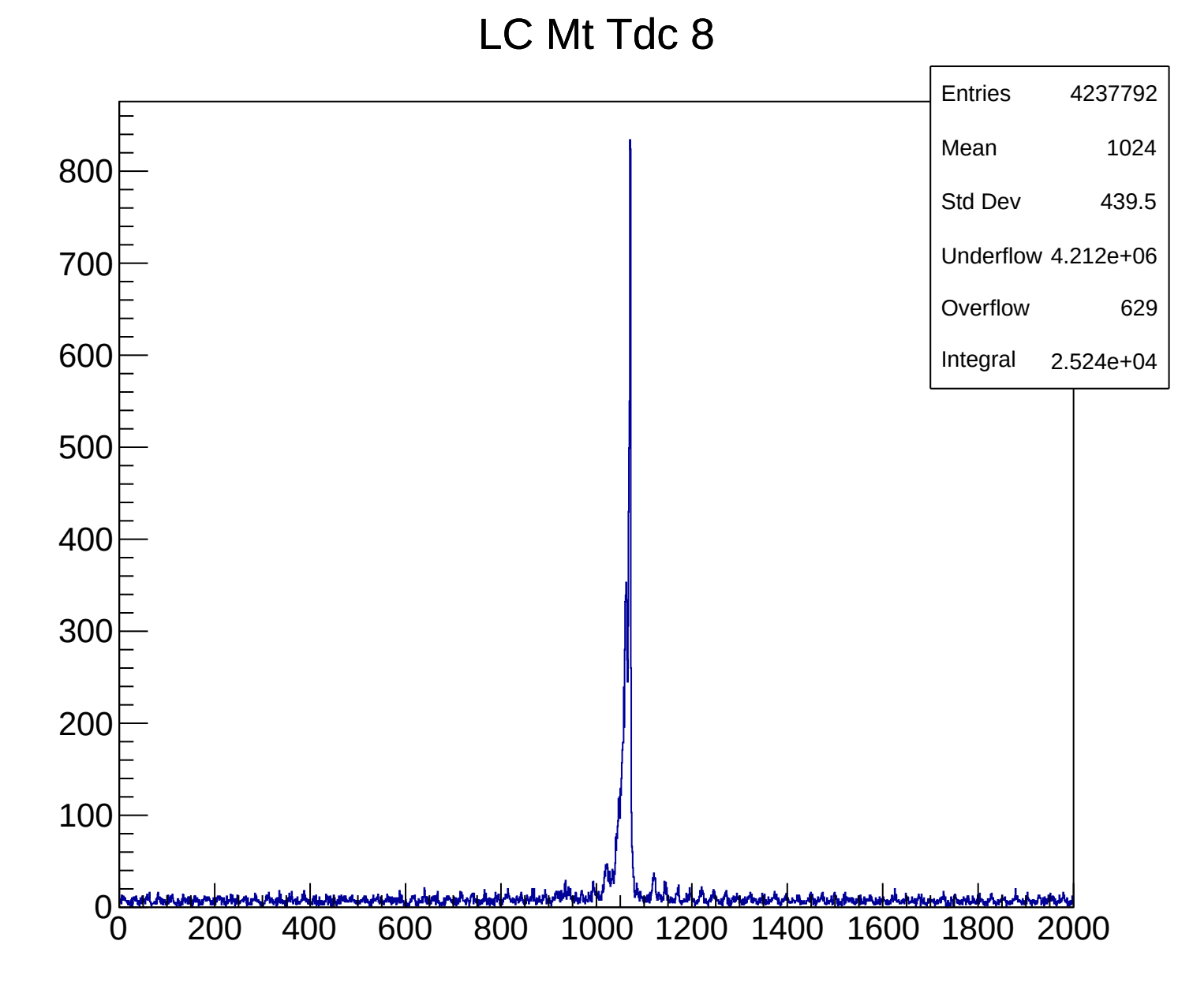
LC Mt Tdc 8
Entries 4237792
Mean 1024
Std Dev 439.5
Underflow 4.212e+06
Overflow 629
Integral 2.524e+04
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1800
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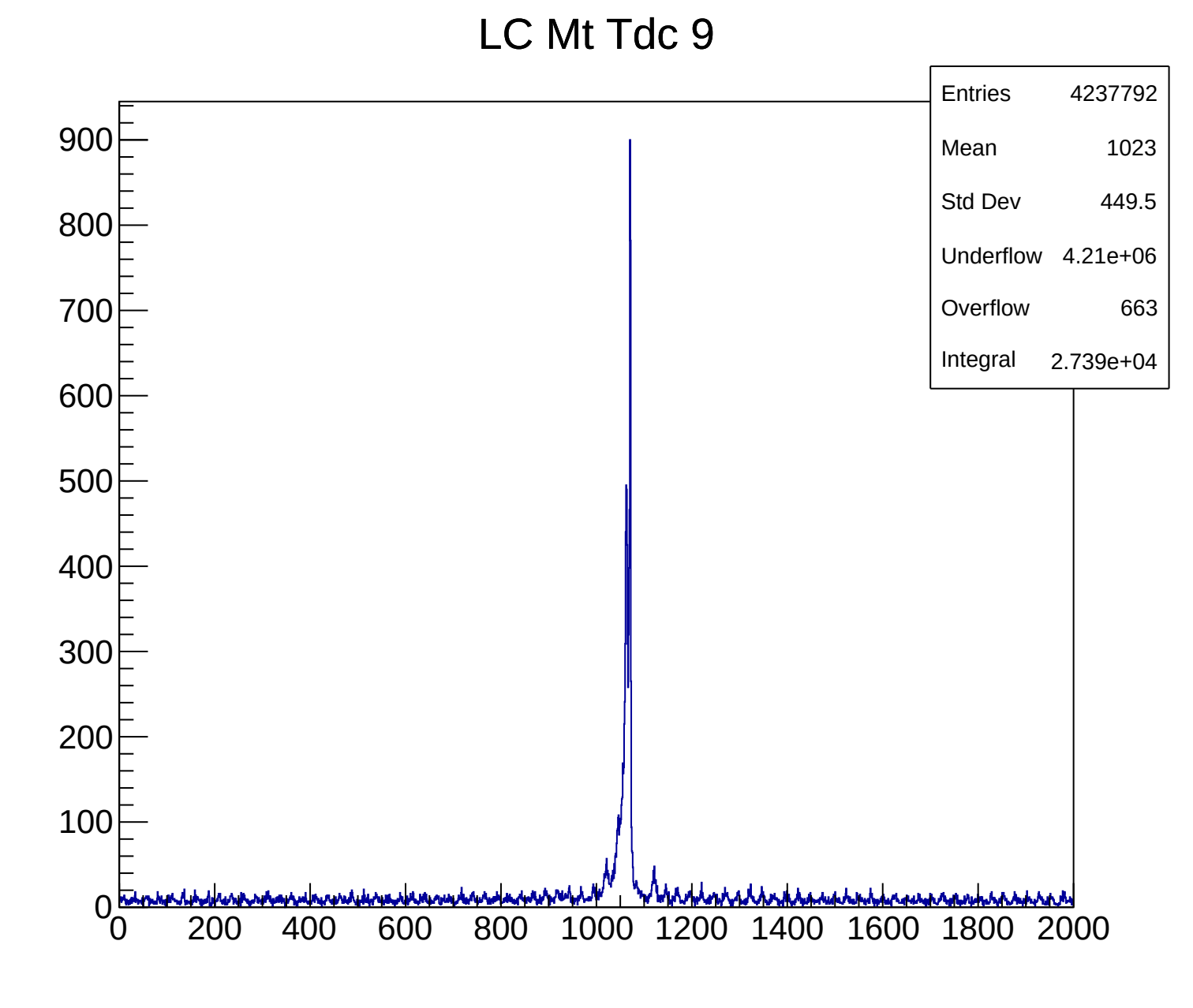
LC Mt Tdc 9
Entries 4237792
Mean 1023
Std Dev 449.5
Underflow 4.21e+06
Overflow 663
Integral 2.739e+04
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0
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600
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1800
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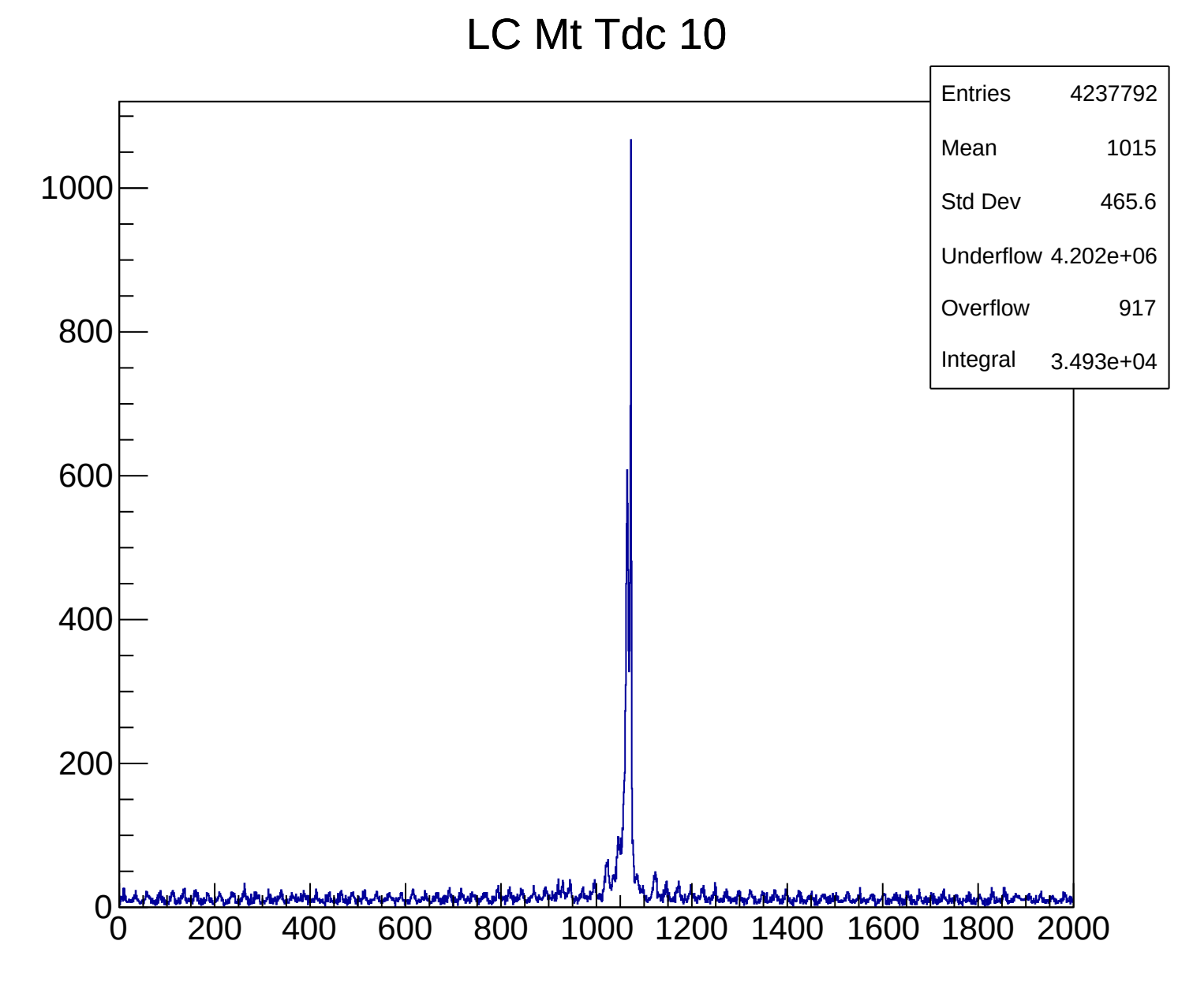
LC Mt Tdc 10
Entries 4237792
Mean 1015
Std Dev 465.6
Underflow 4.202e+06
Overflow 917
Integral 3.493e+04
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1800
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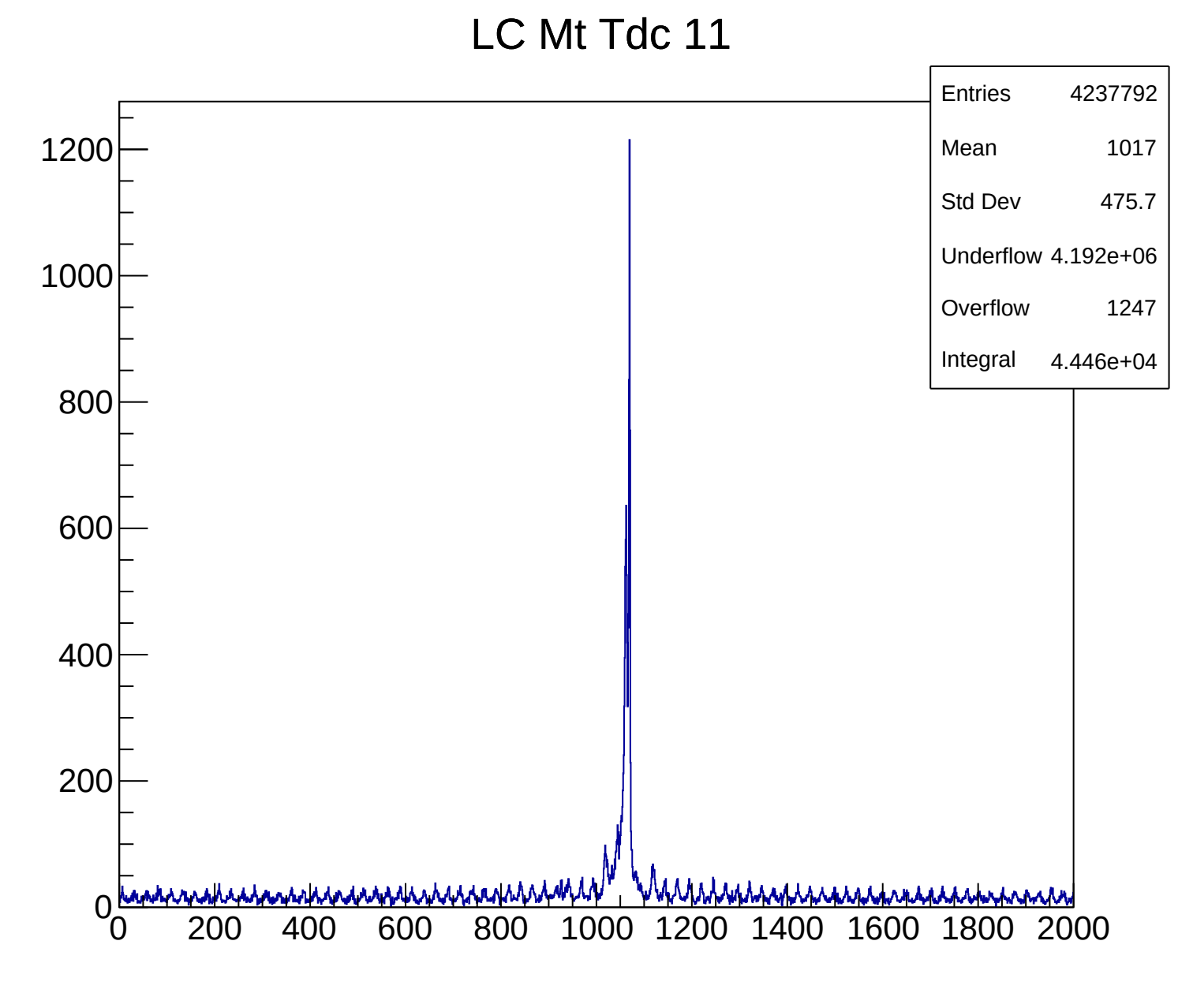
LC Mt Tdc 11
Entries 4237792
Mean 1017
Std Dev 475.7
Underflow 4.192e+06
Overflow 1247
Integral 4.446e+04
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1400
1600
1800
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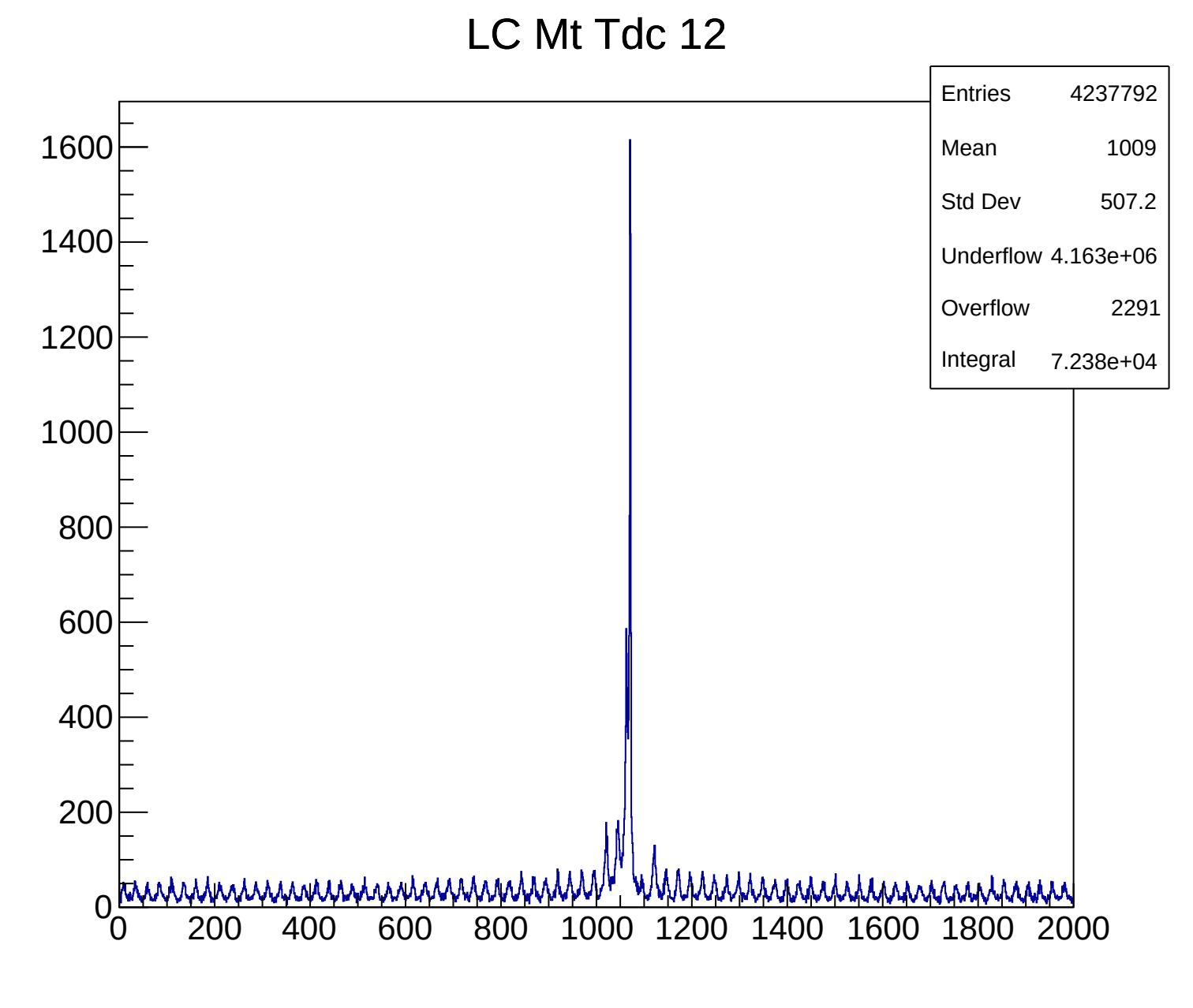
LC Mt Tdc 12
Entries 4237792
Mean 1009
Std Dev 507.2
Underflow 4.163e+06
Overflow 2291
Integral 7.238e+04
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1800
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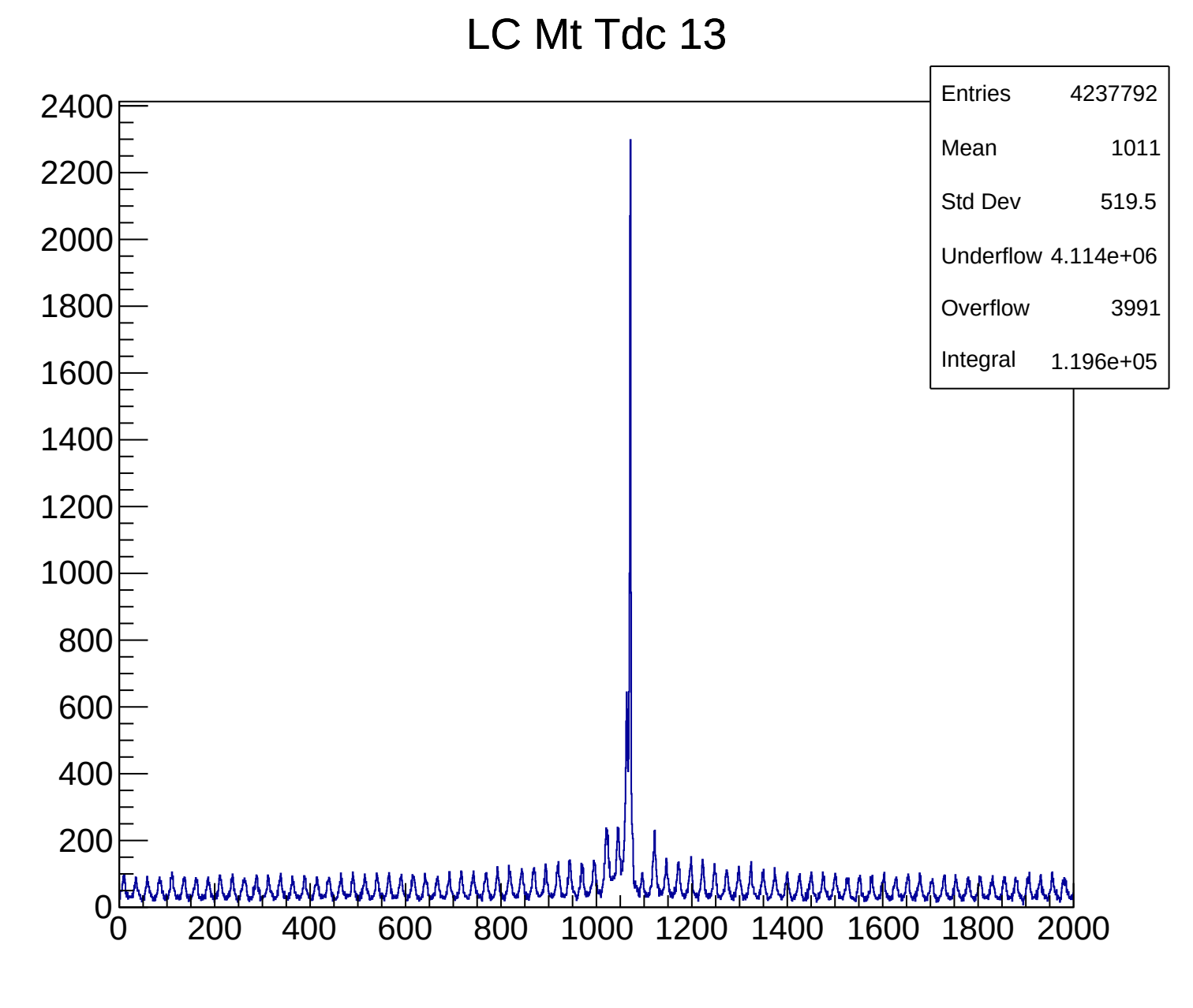
LC Mt Tdc 13
Entries 4237792
Mean 1011
Std Dev 519.5
Underflow 4.114e+06
Overflow 3991
Integral 1.196e+05
2400
2200
2000
1800
1600
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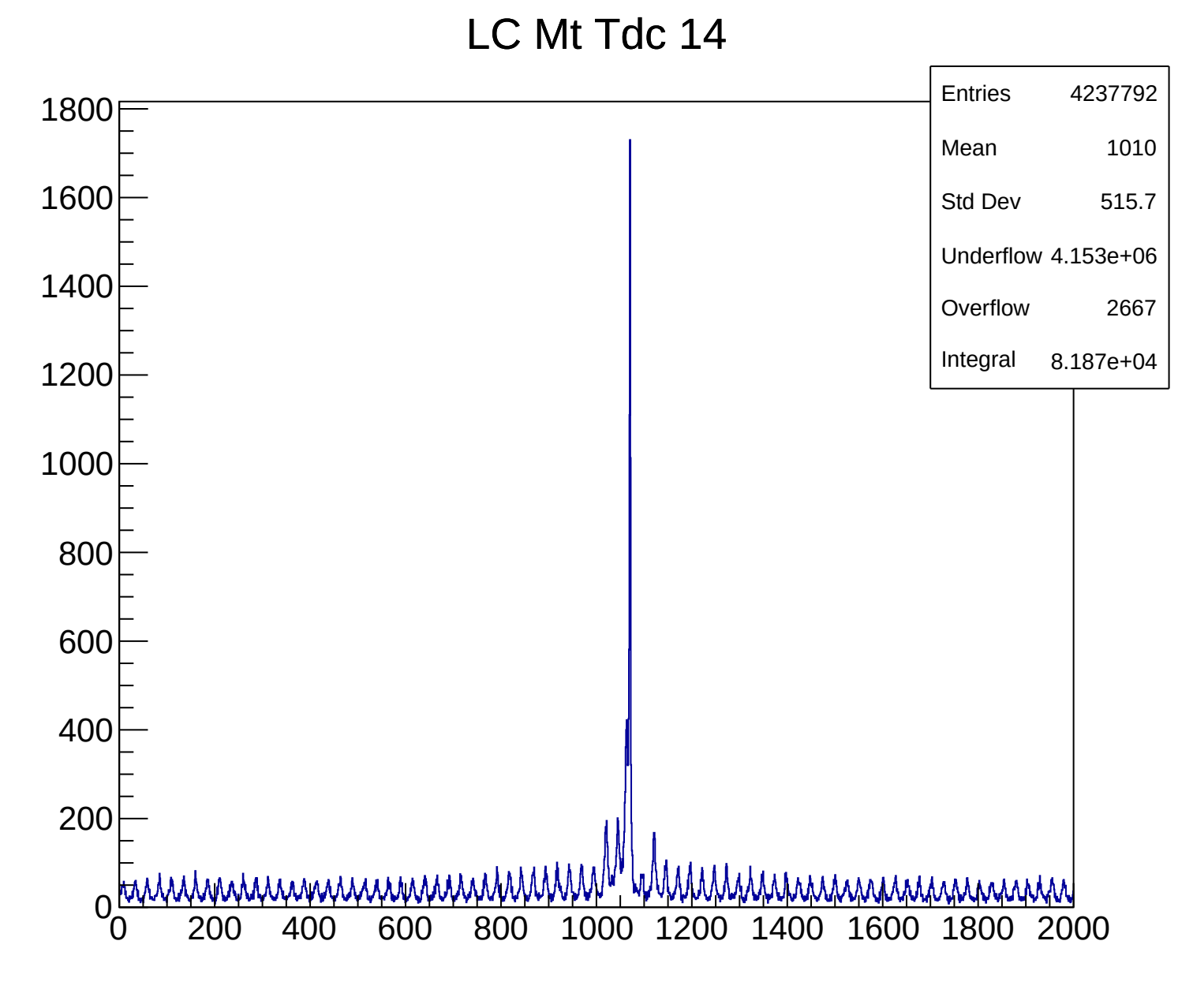
LC Mt Tdc 14
Entries 4237792
Mean 1010
Std Dev 515.7
Underflow 4.153e+06
Overflow 2667
Integral 8.187e+04
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1800
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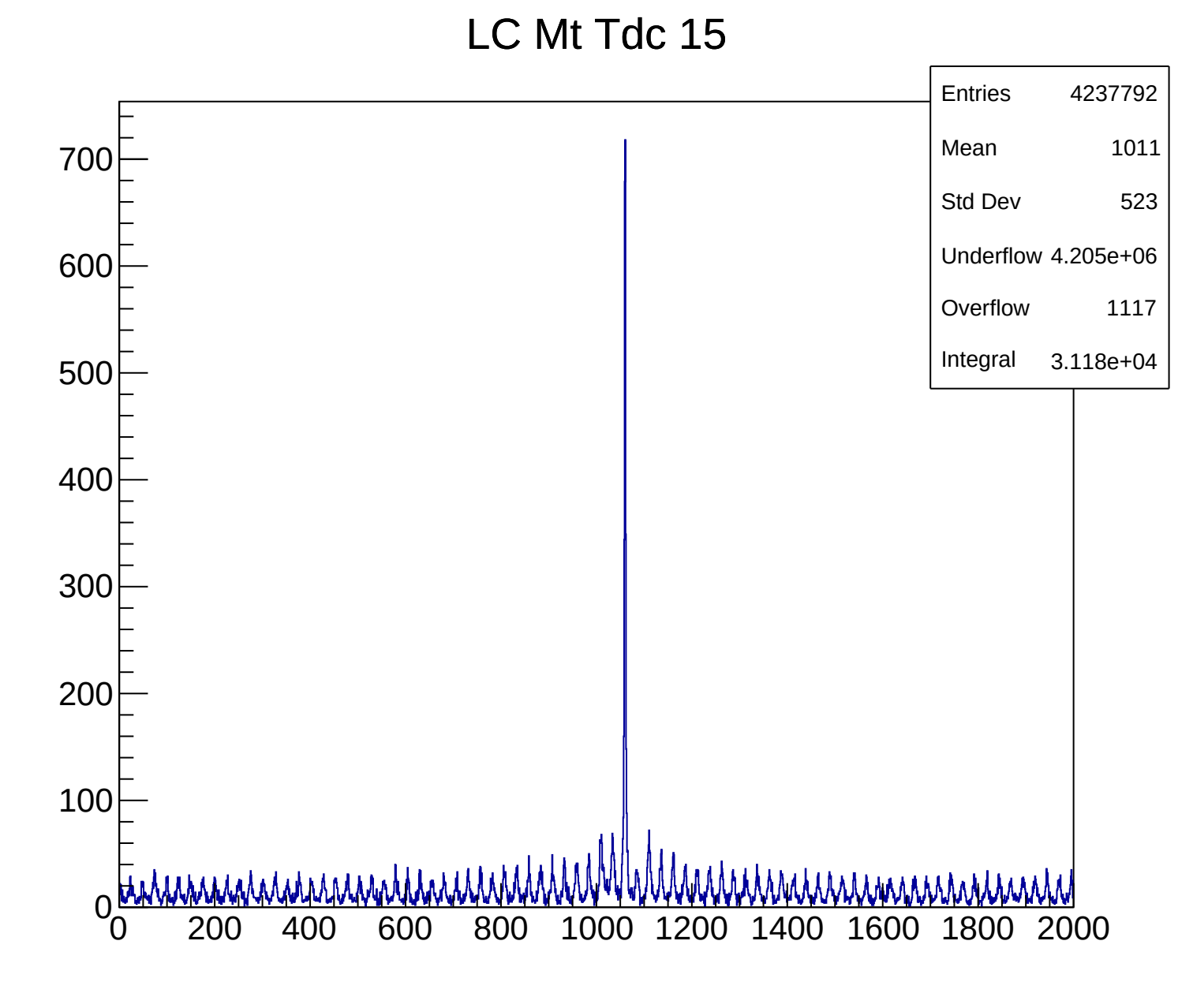
LC Mt Tdc 15
Entries 4237792
Mean 1011
Std Dev 523
Underflow 4.205e+06
Overflow 1117
Integral 3.118e+04
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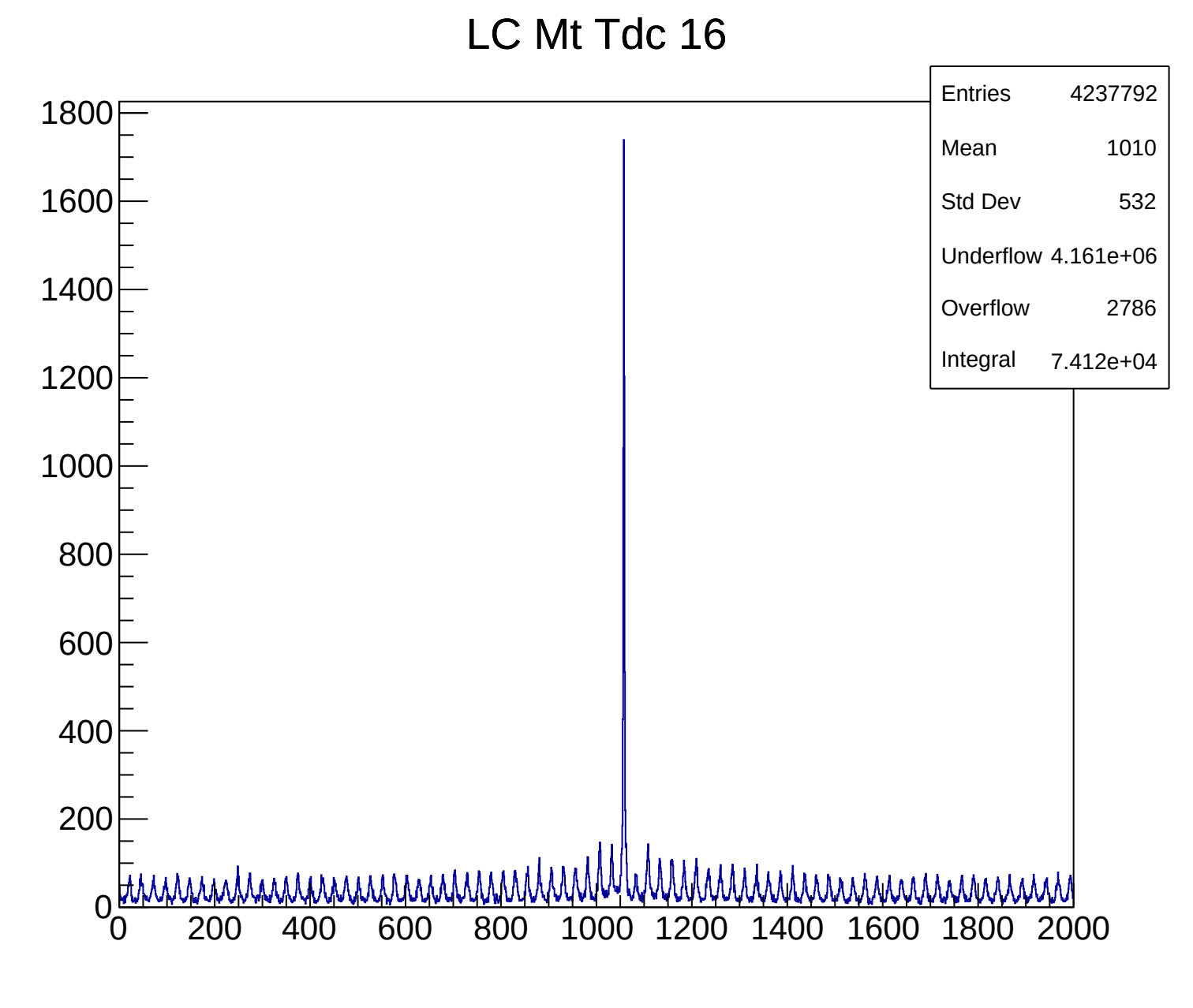
LC Mt Tdc 16
Entries 4237792
Mean 1010
Std Dev 532
Underflow 4.161e+06
Overflow 2786
Integral 7.412e+04
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1800
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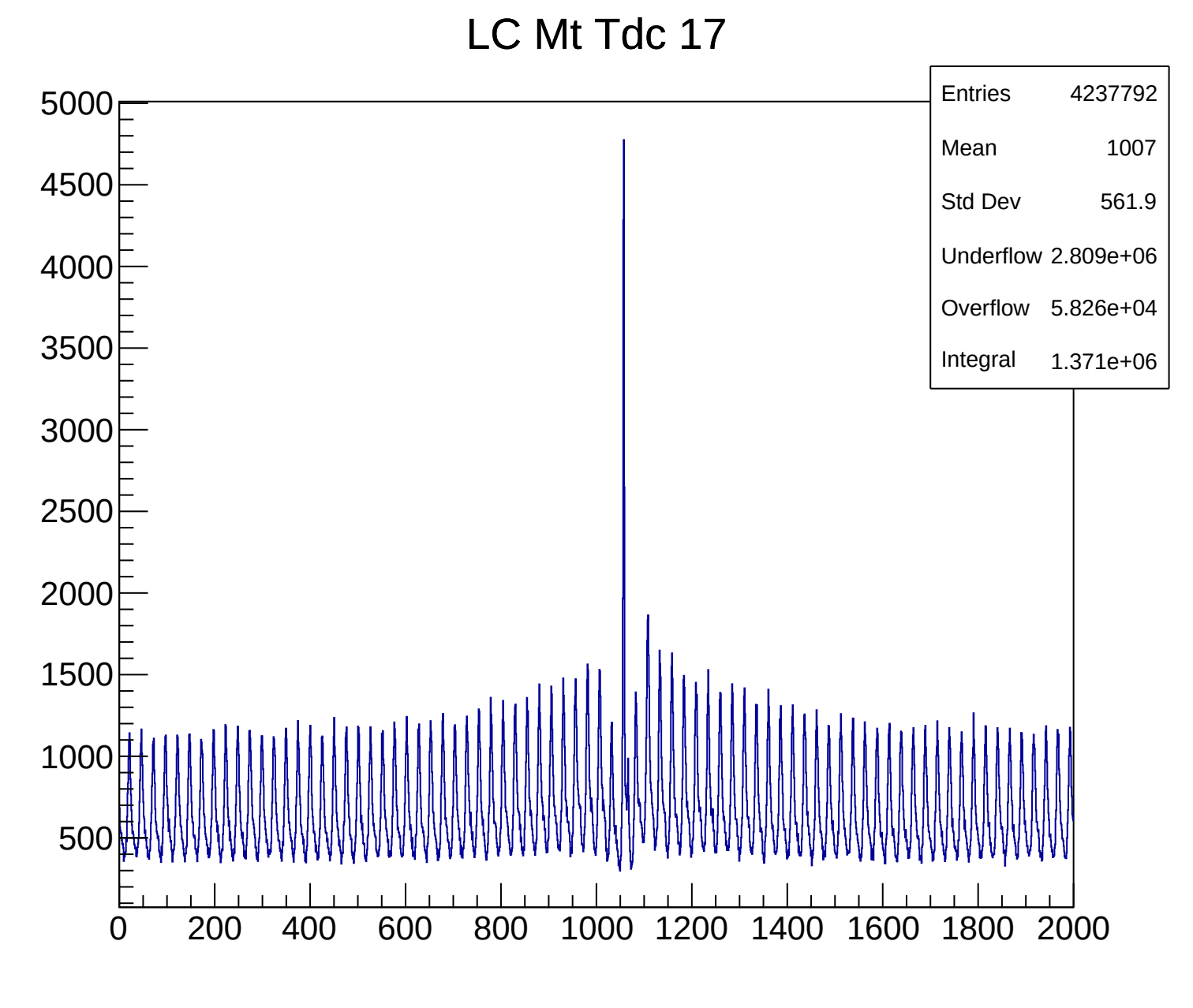
LC Mt Tdc 17
Entries 4237792
Mean 1007
Std Dev 561.9
Underflow 2.809e+06
Overflow 5.826e+04
Integral 1.371e+06
5000
4500
4000
3500
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2500
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200
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600
800
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1800
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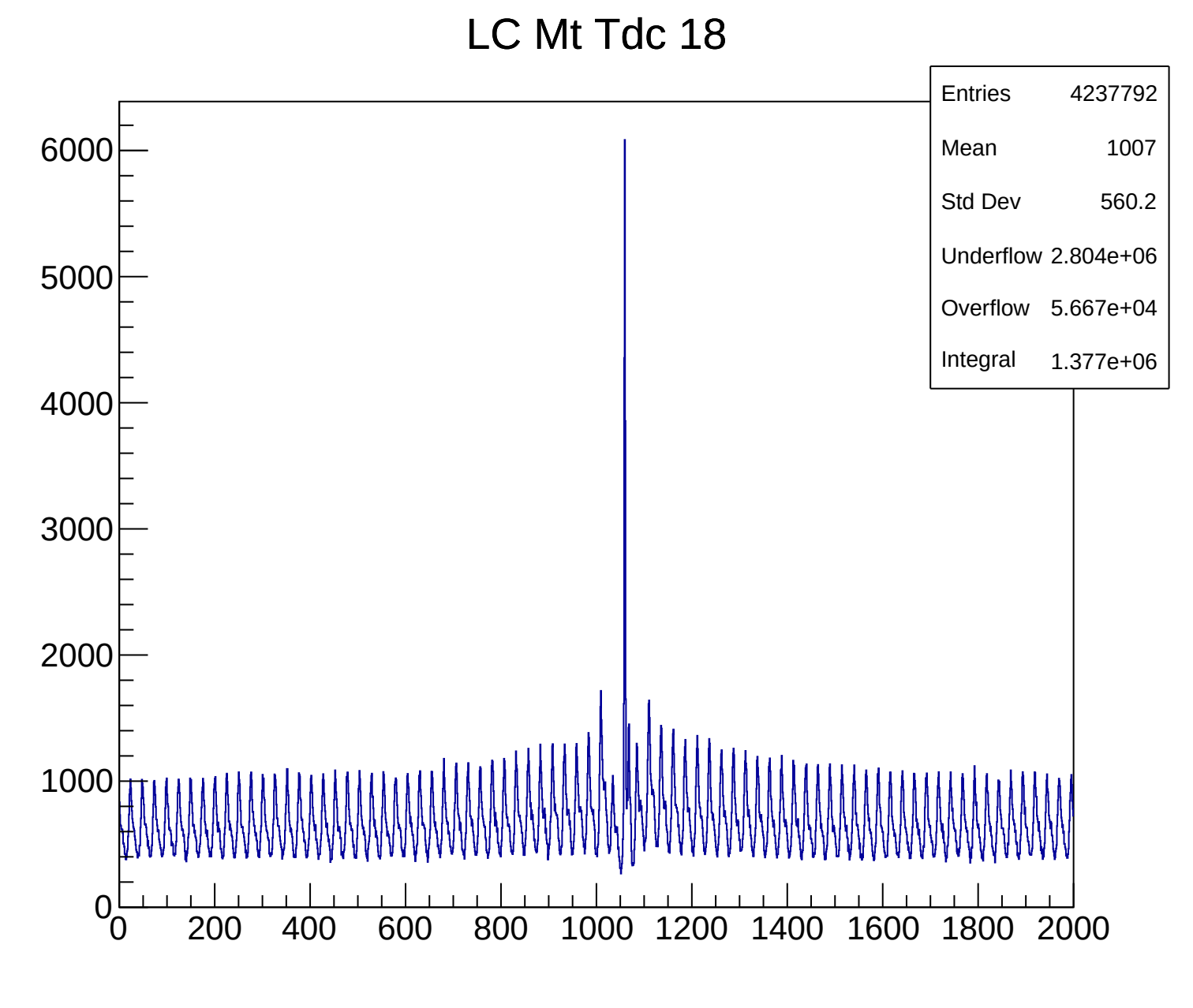
LC Mt Tdc 18
Entries 4237792
Mean 1007
Std Dev 560.2
Underflow 2.804e+06
Overflow 5.667e+04
Integral 1.377e+06
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3000
2000
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600
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1000
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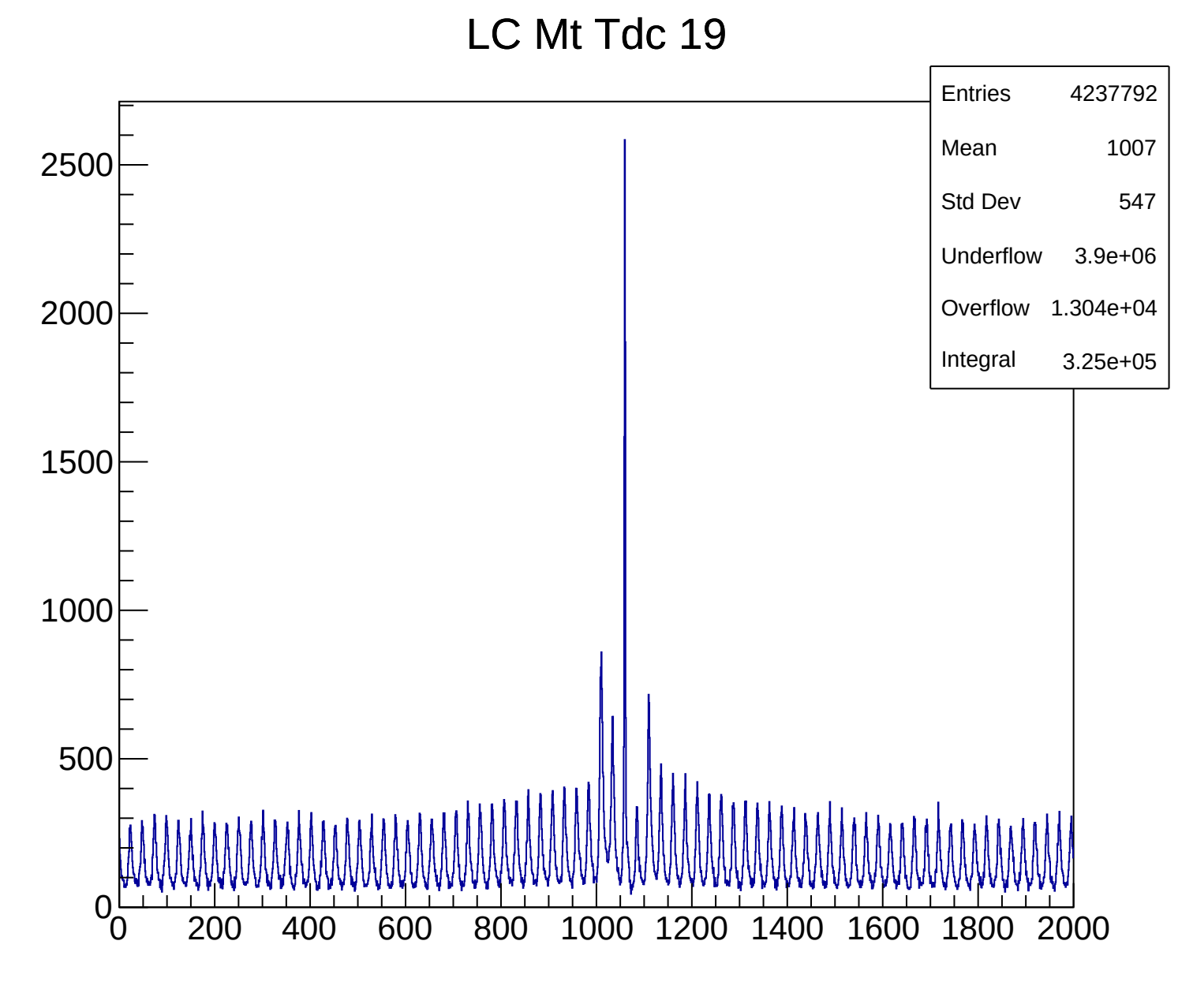
LC Mt Tdc 19
Entries 4237792
Mean 1007
Std Dev 547
Underflow 3.9e+06
Overflow 1.304e+04
Integral 3.25e+05
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2000
1500
1000
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0
0
200
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1600
1800
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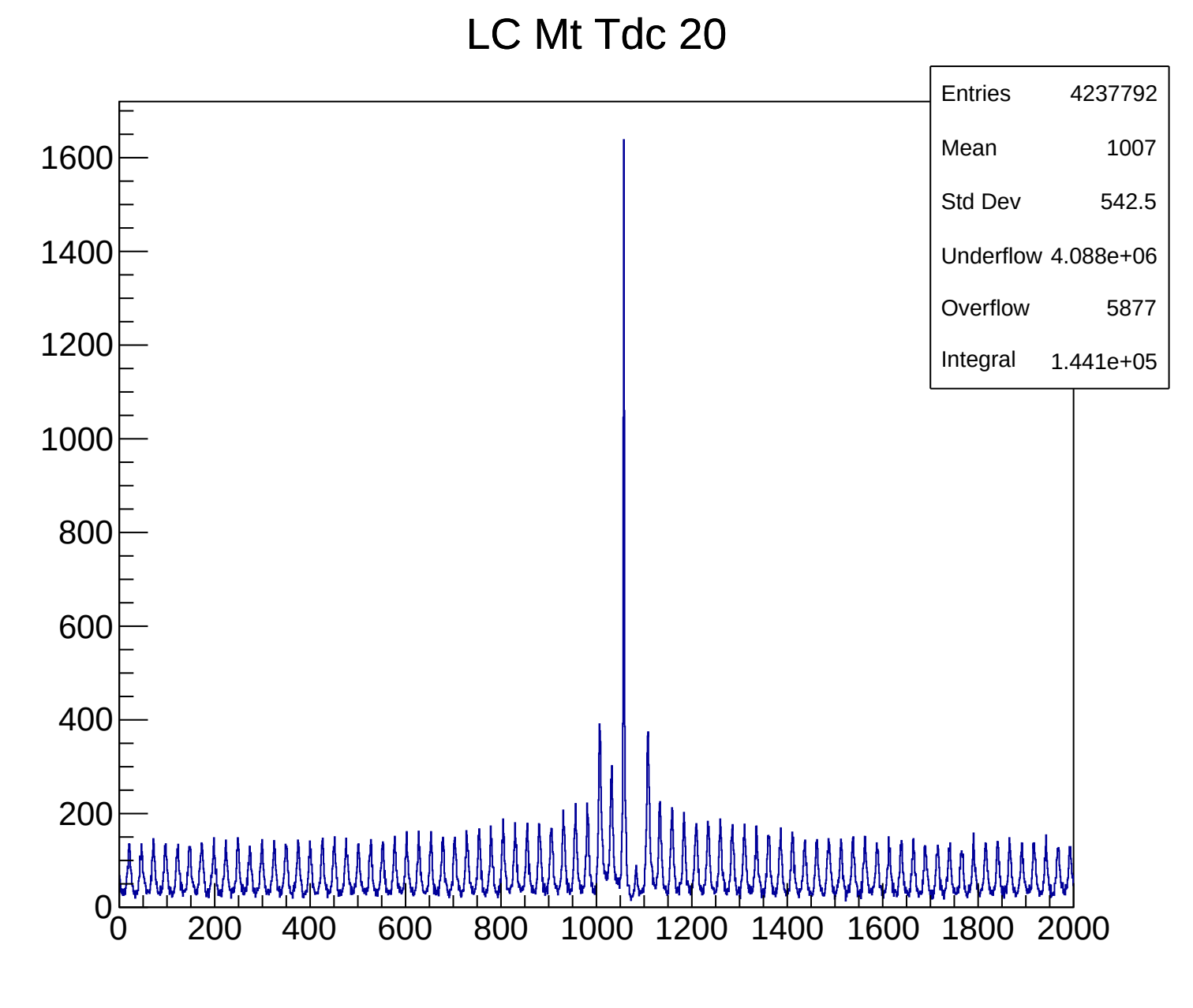
LC Mt Tdc 20
Entries 4237792
Mean 1007
Std Dev 542.5
Underflow 4.088e+06
Overflow 5877
Integral 1.441e+05
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200
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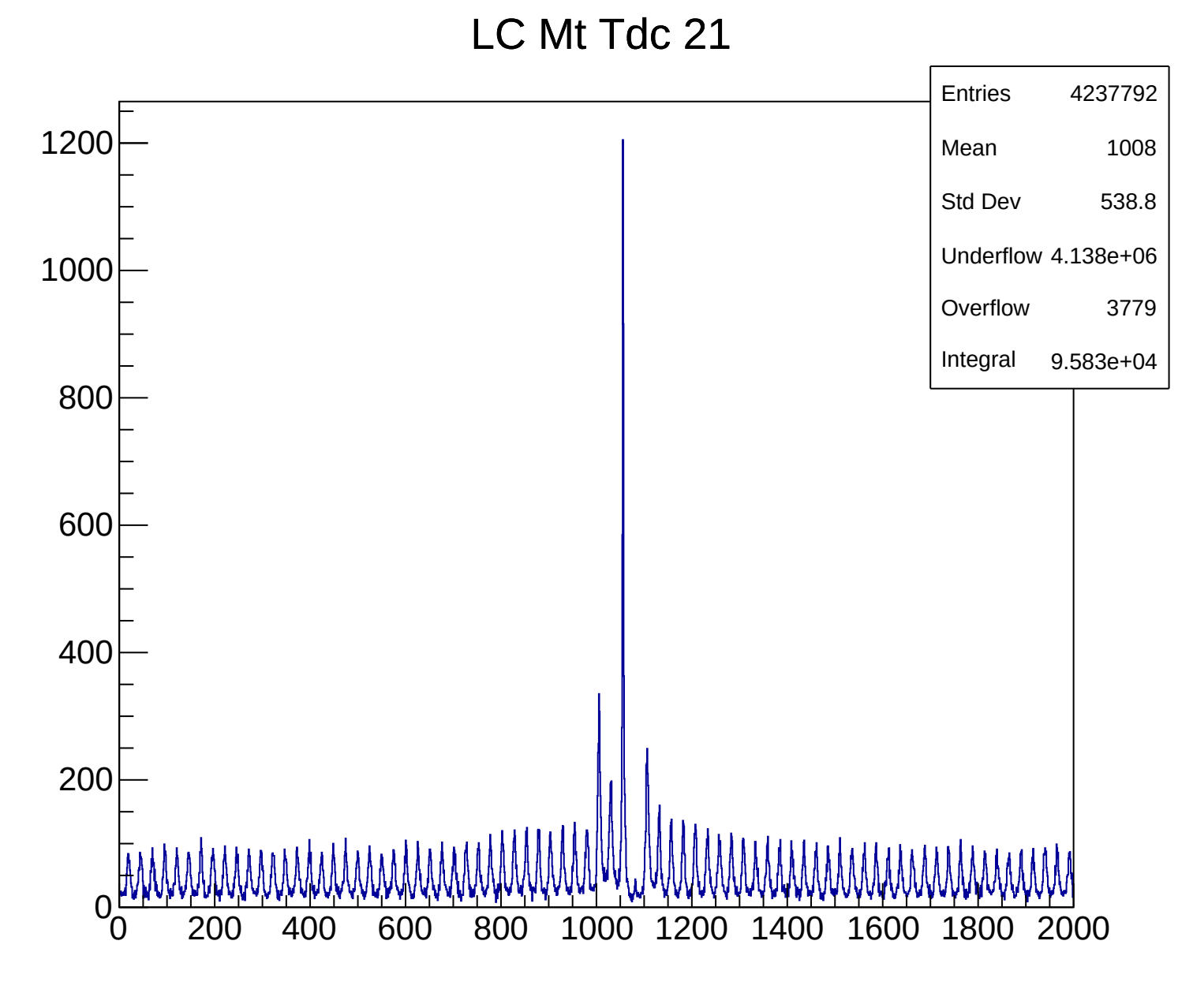
LC Mt Tdc 21
Entries 4237792
Mean 1008
Std Dev 538.8
Underflow 4.138e+06
Overflow 3779
Integral 9.583e+04
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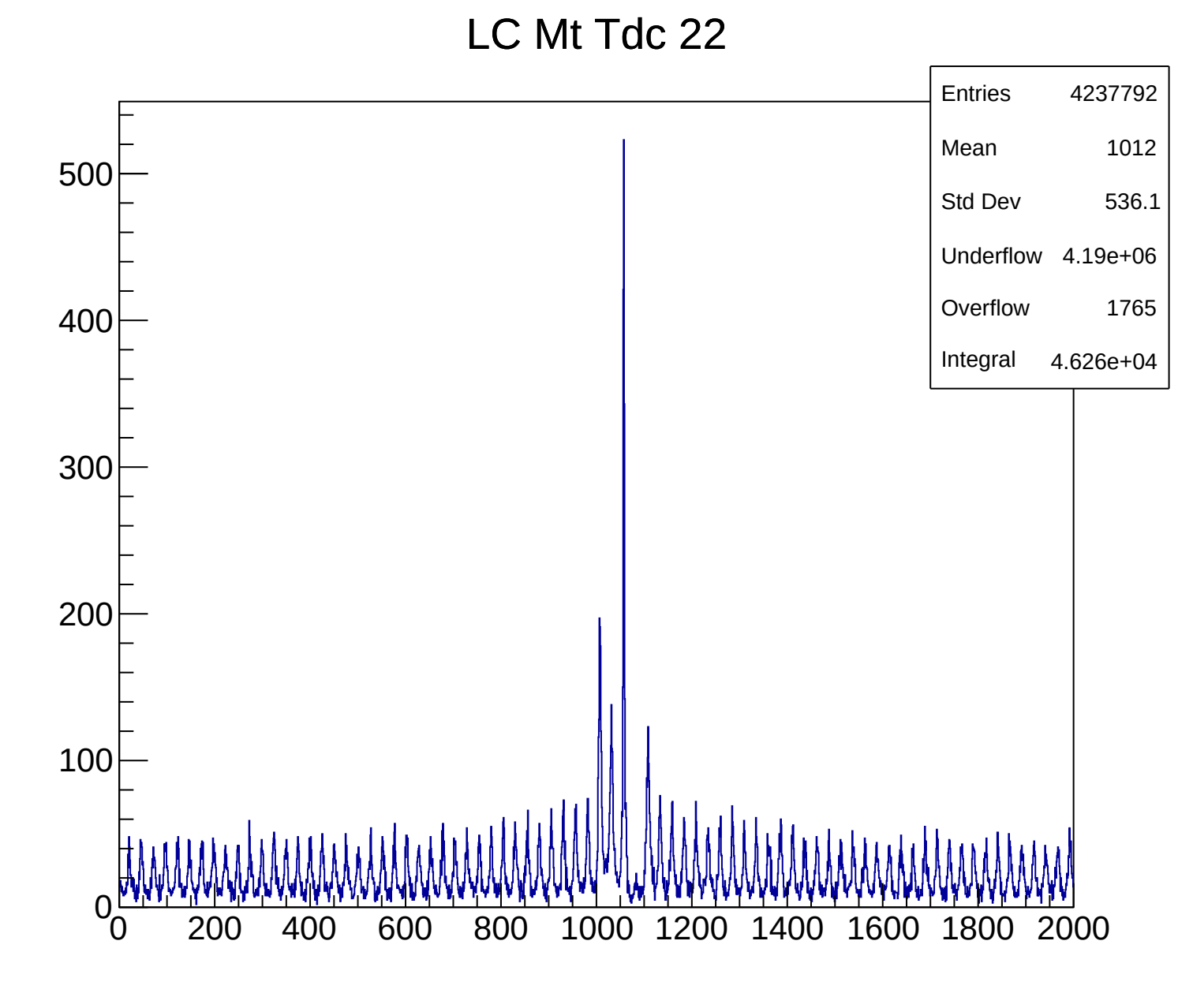
LC Mt Tdc 22
Entries 4237792
Mean 1012
Std Dev 536.1
Underflow 4.19e+06
Overflow 1765
Integral 4.626e+04
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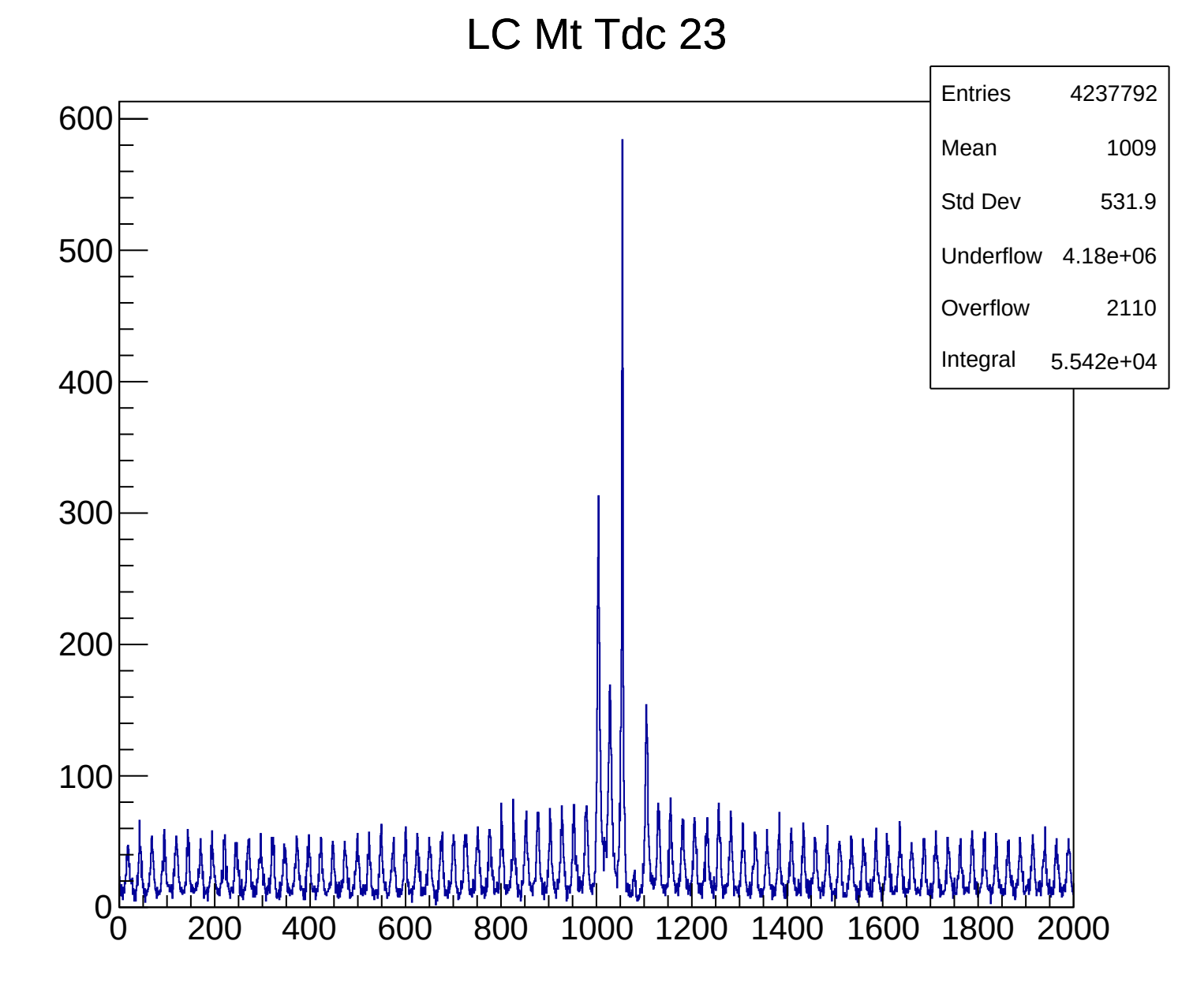
LC Mt Tdc 23
Entries 4237792
Mean 1009
Std Dev 531.9
Underflow 4.18e+06
Overflow 2110
Integral 5.542e+04
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0
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600
800
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1800
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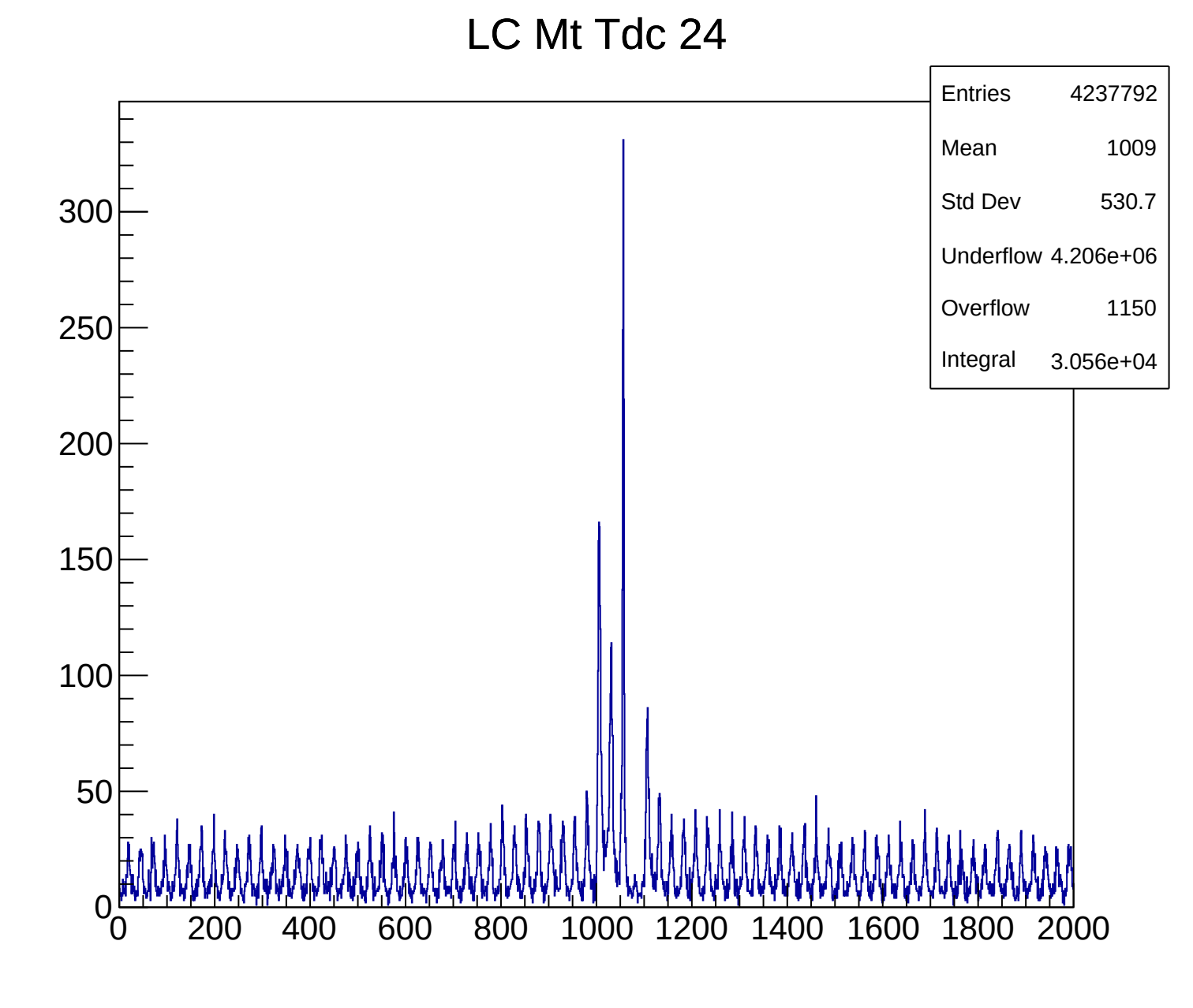
LC Mt Tdc 24
Entries 4237792
Mean 1009
Std Dev 530.7
Underflow 4.206e+06
Overflow 1150
Integral 3.056e+04
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150
100
50
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1800
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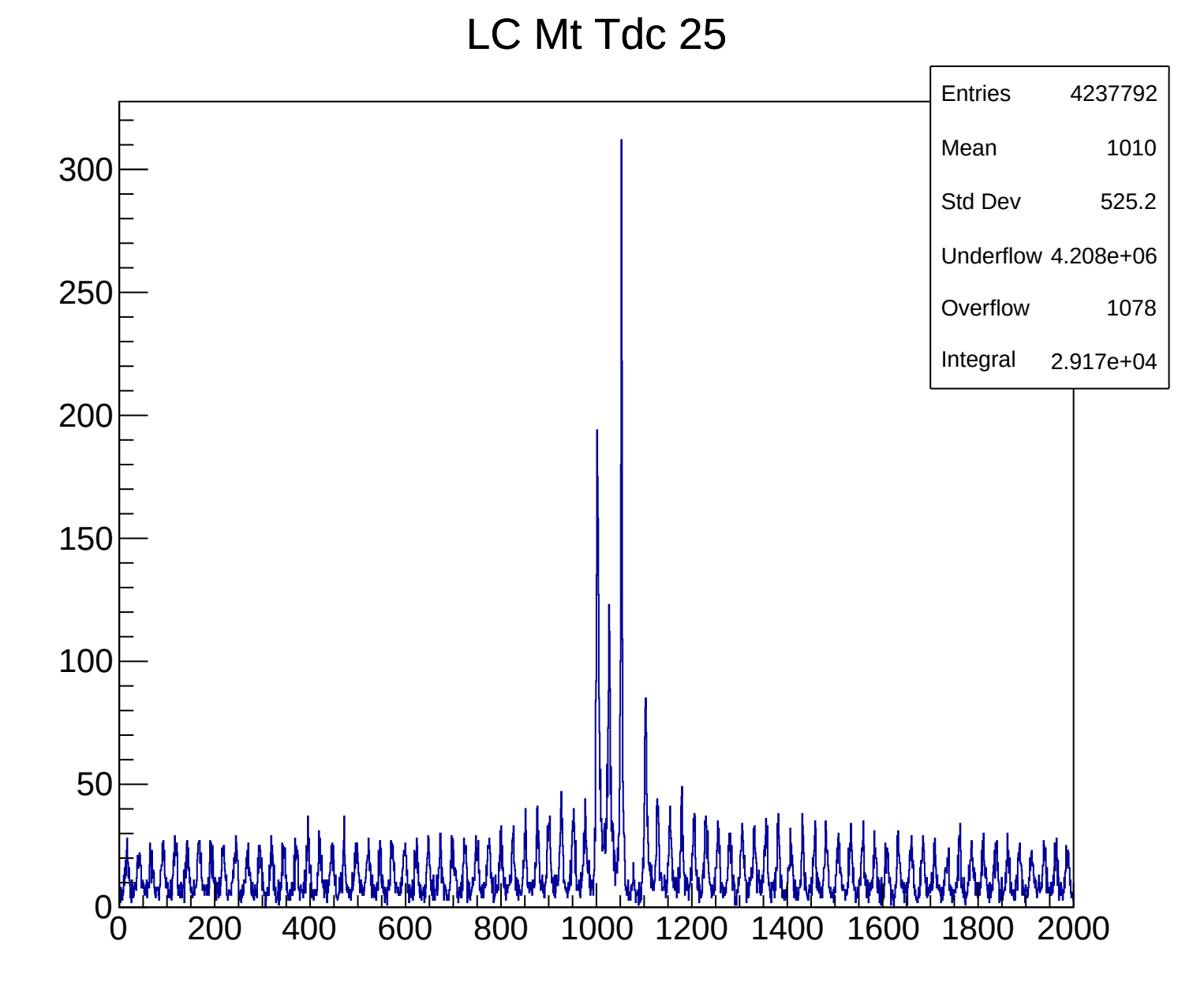
LC Mt Tdc 25
Entries 4237792
Mean 1010
Std Dev 525.2
Underflow 4.208e+06
Overflow 1078
Integral 2.917e+04
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100
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0
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1400
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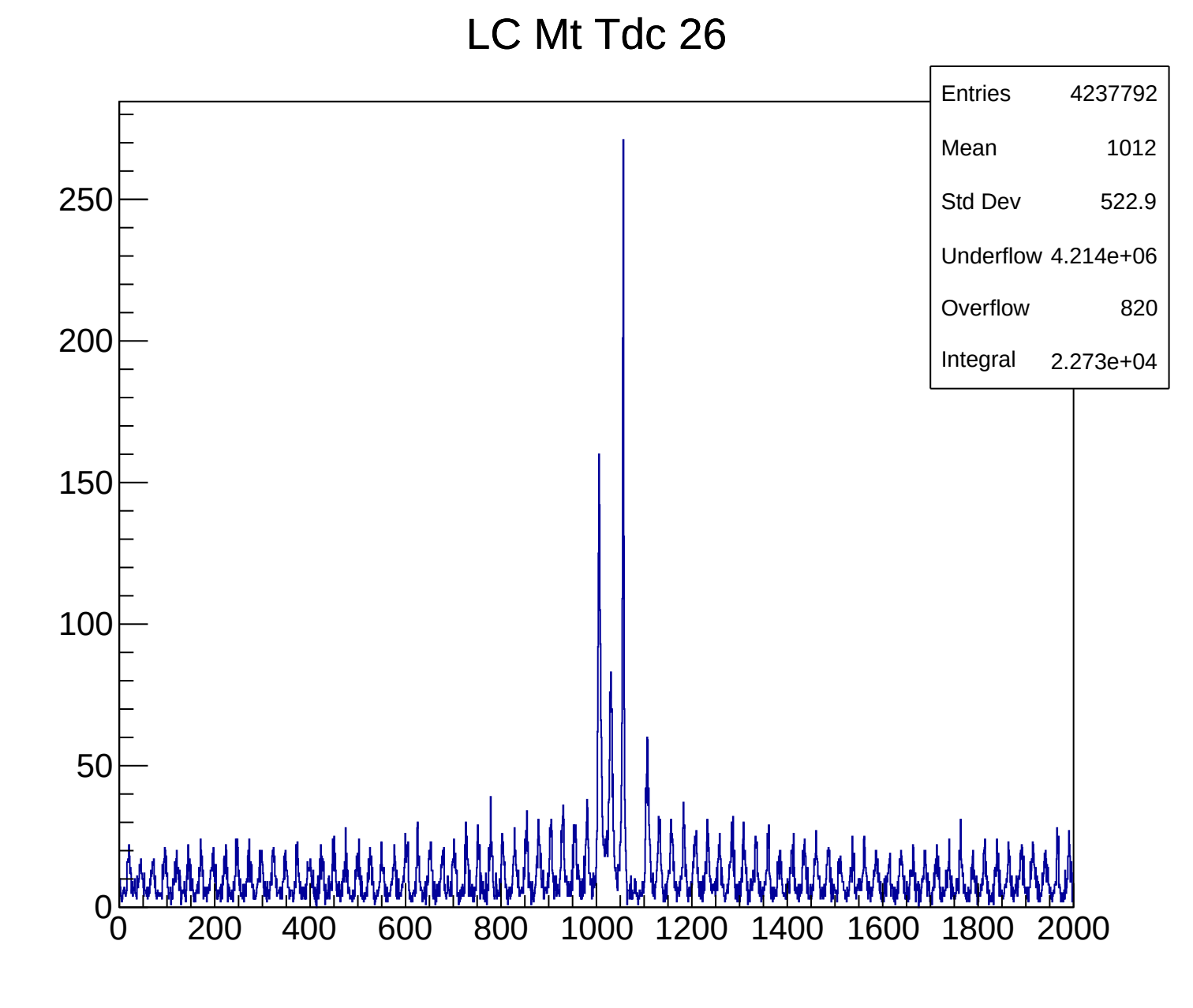
LC Mt Tdc 26
Entries 4237792
Mean 1012
Std Dev 522.9
Underflow 4.214e+06
Overflow 820
Integral 2.273e+04
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150
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600
800
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1800
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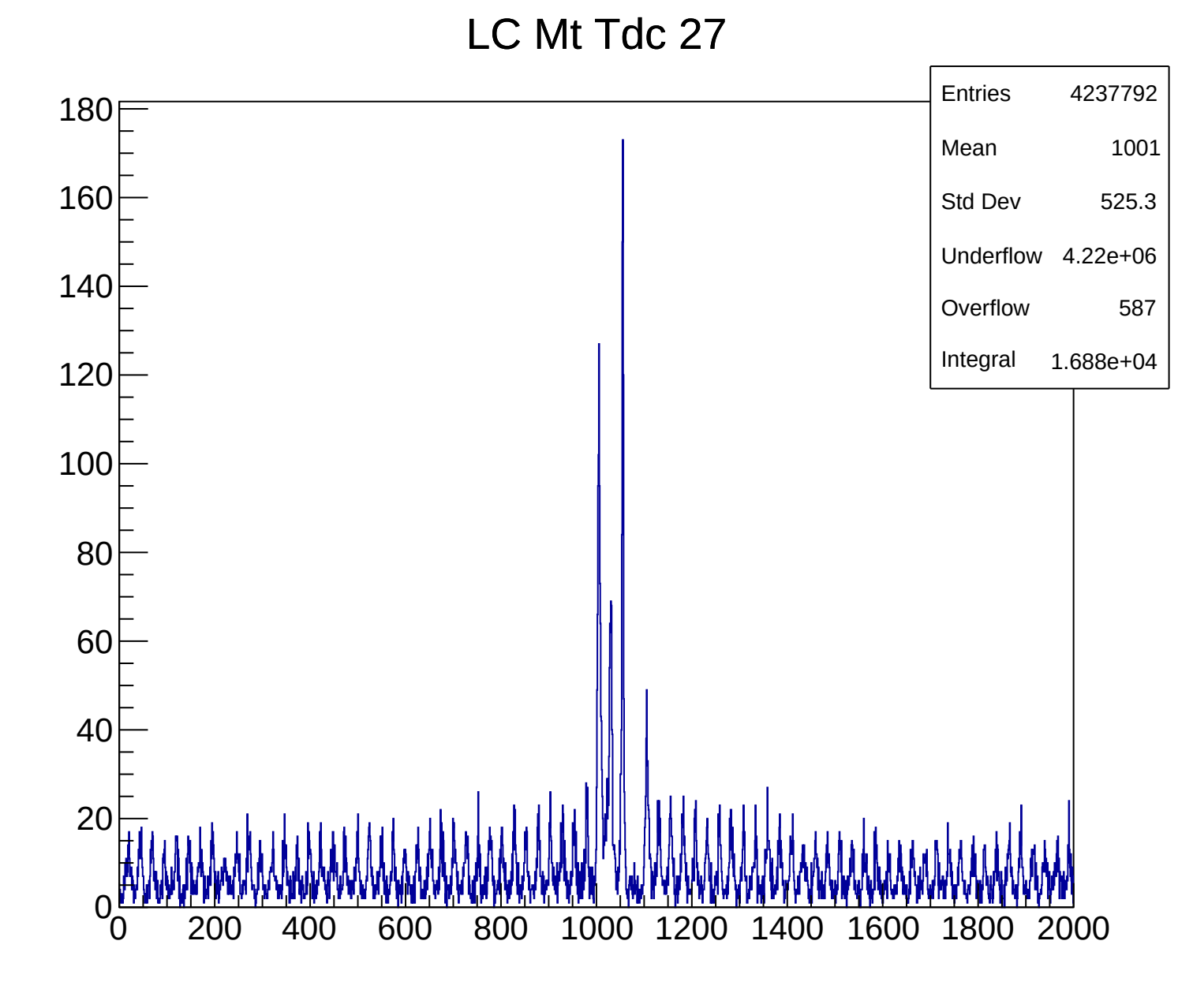
LC Mt Tdc 27
Entries 4237792
Mean 1001
Std Dev 525.3
Underflow 4.22e+06
Overflow 587
Integral 1.688e+04
180
160
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100
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40
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600
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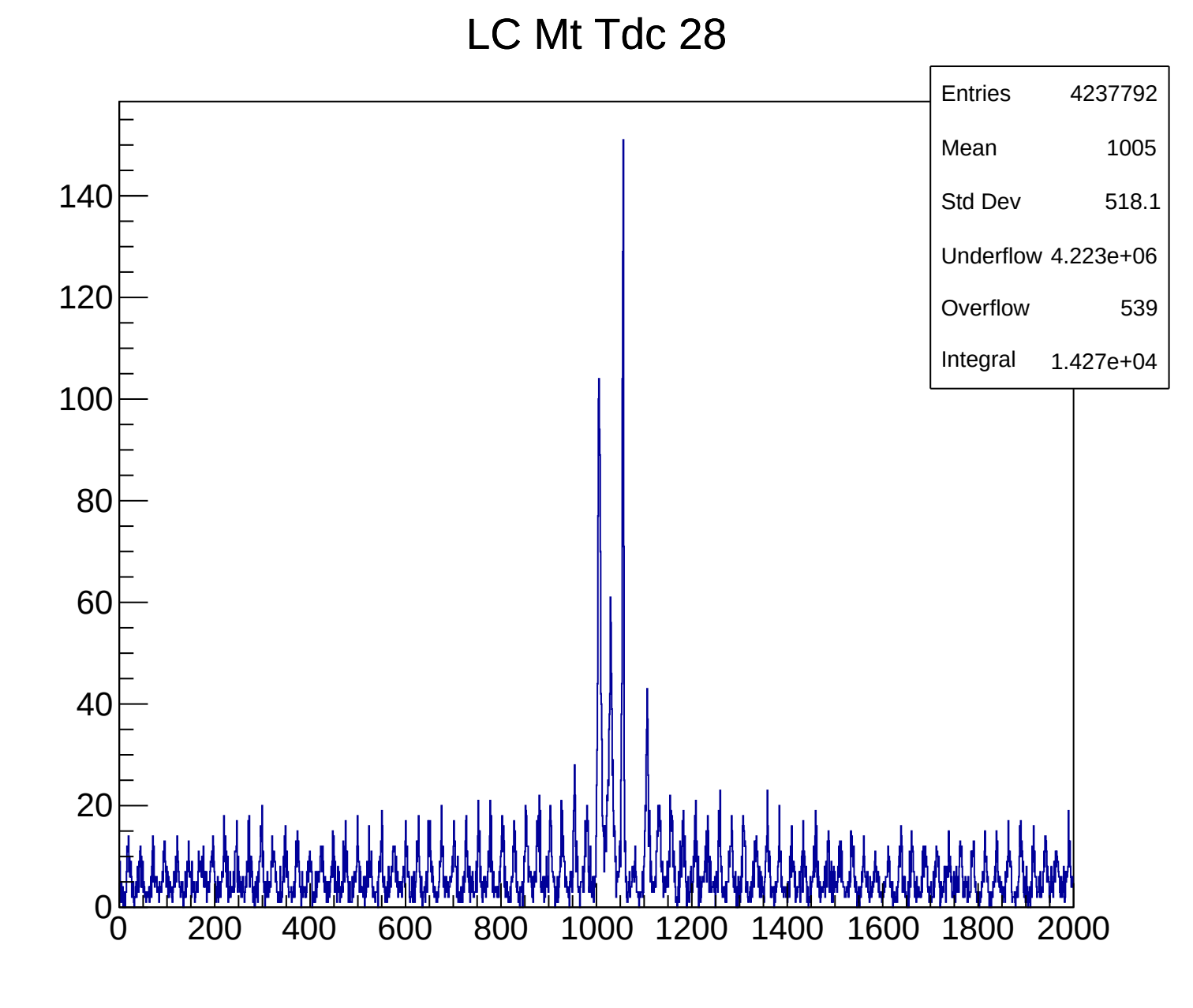
LC Mt Tdc 28
Entries 4237792
Mean 1005
Std Dev 518.1
Underflow 4.223e+06
Overflow 539
Integral 1.427e+04
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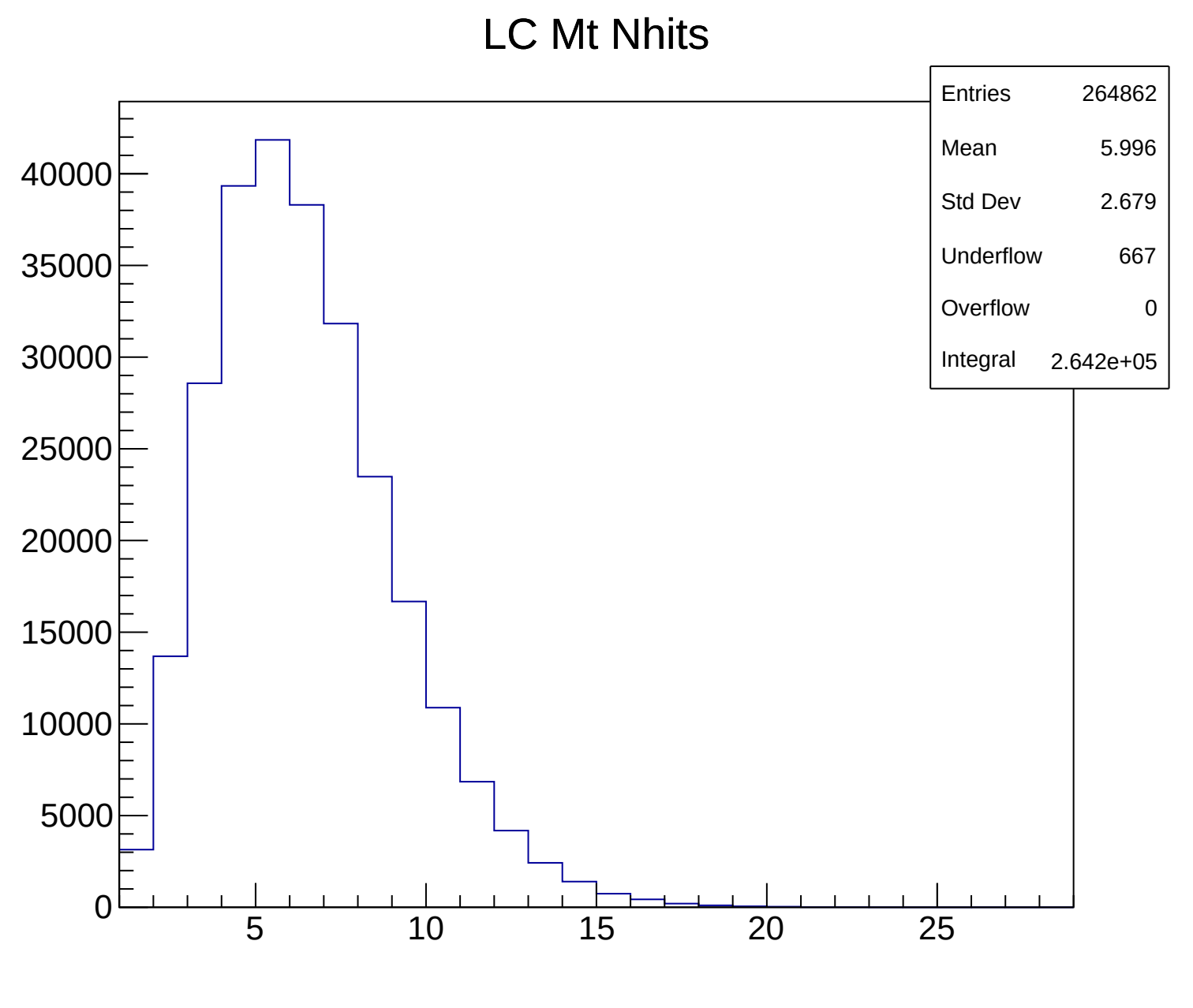
LC Mt Nhits
Entries 264862
Mean 5.996
Std Dev 2.679
Underflow 667
Overflow 0
Integral 2.642e+05
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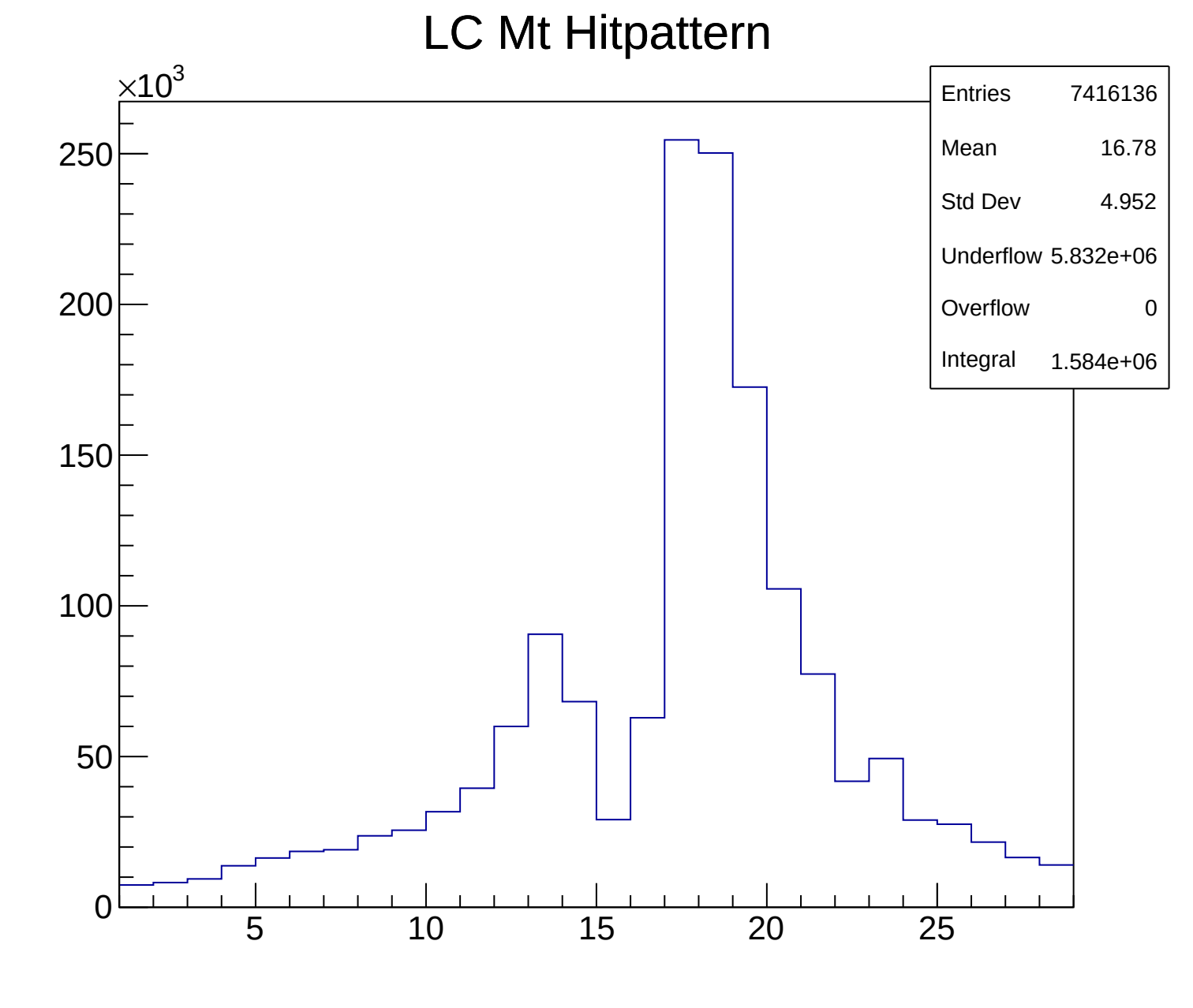
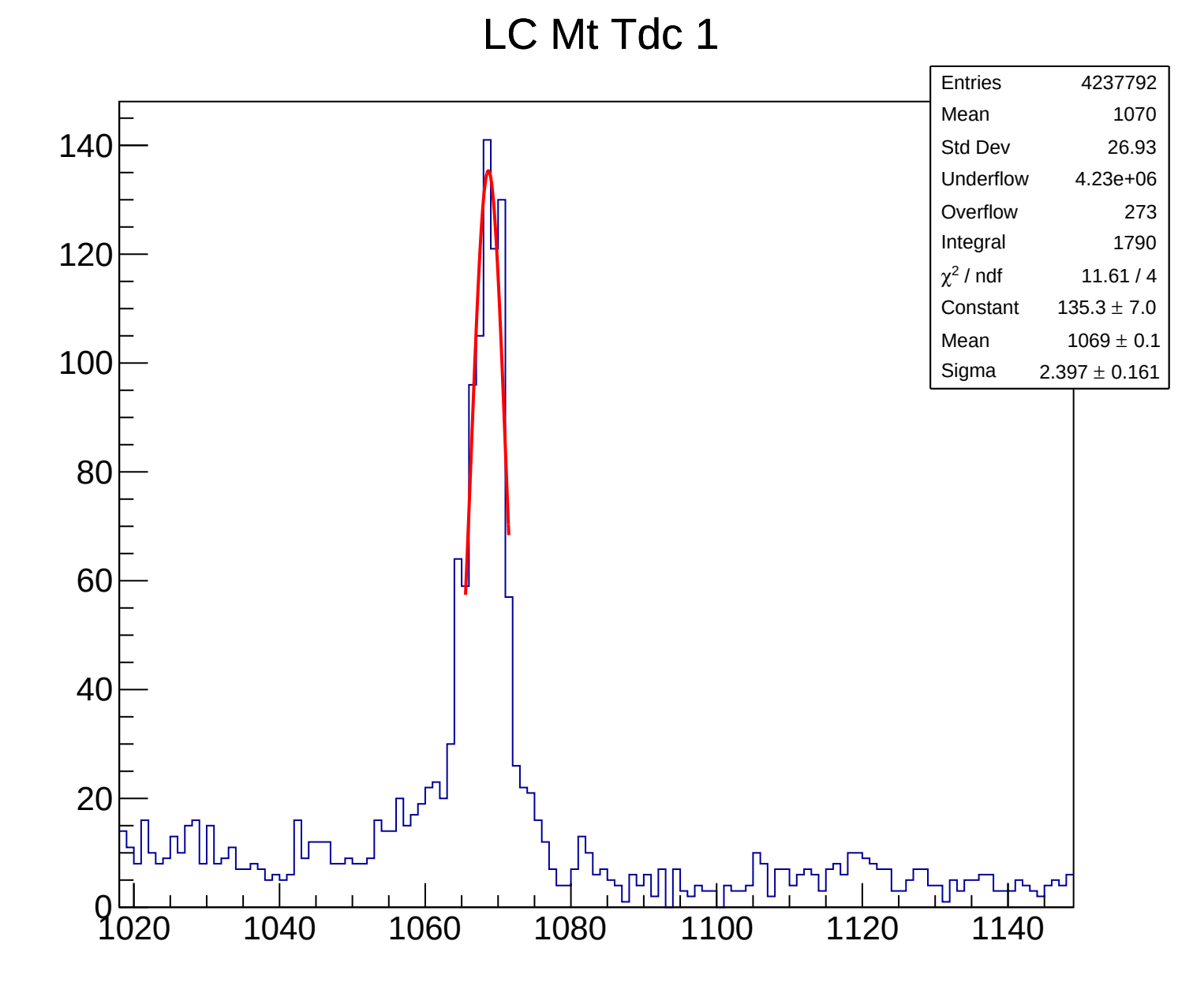
35000
30000
25000
20000
15000
10000
5000
0
5
10
15
20
25


LC Mt Hitpattern
×10^3
250
200
150
100
50
0
5
10
15
20
25
Entries 7416136
Mean 16.78
Std Dev 4.952
Underflow 5.832e+06
Overflow 0
Integral 1.584e+06


LC Mt Tdc 1
Entries 4237792
Mean 1070
Std Dev 26.93
Underflow 4.23e+06
Overflow 273
Integral 1790
χ² / ndf 11.61 / 4
Constant 135.3 ± 7.0
Mean 1069 ± 0.1
Sigma 2.397 ± 0.161
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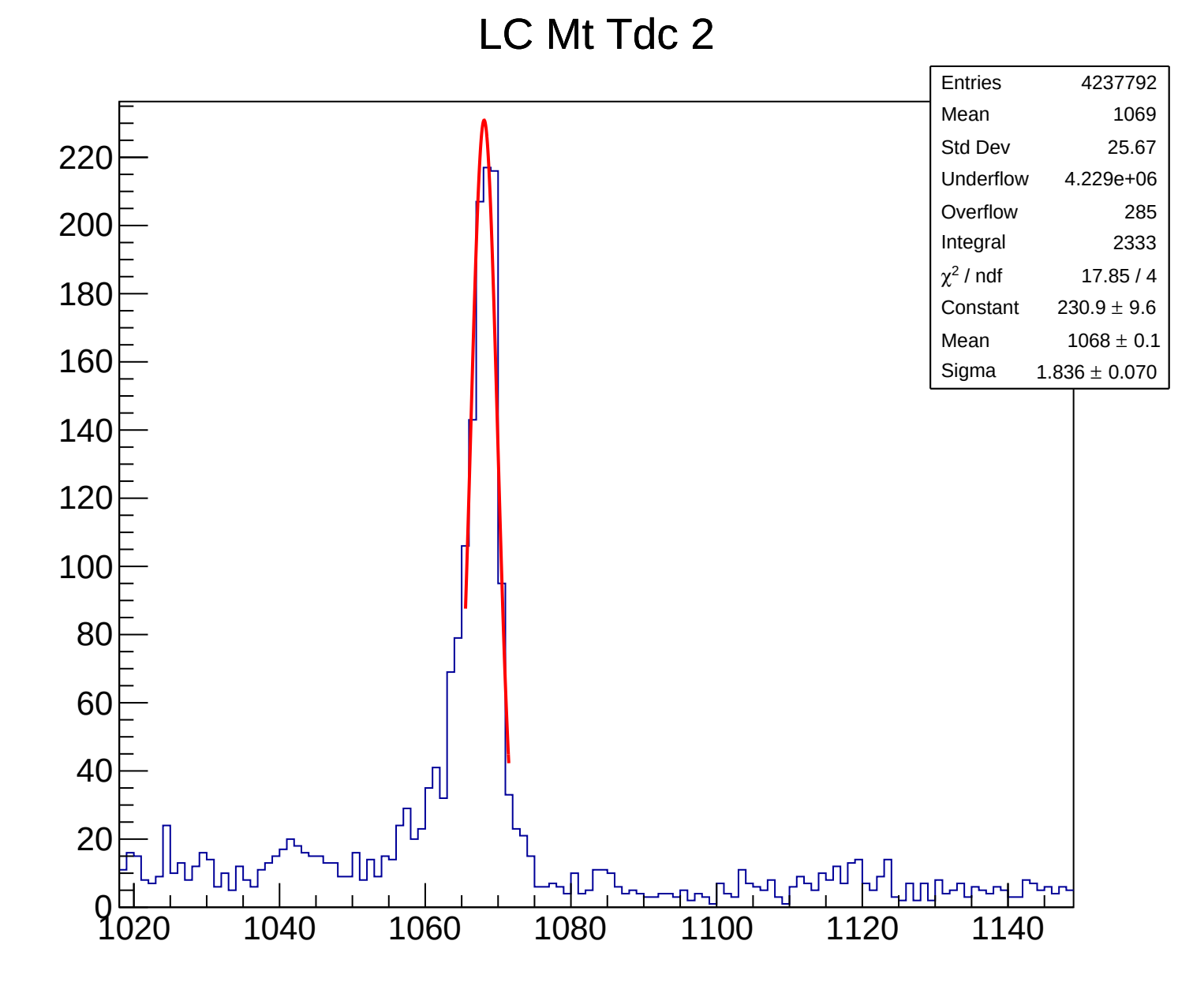
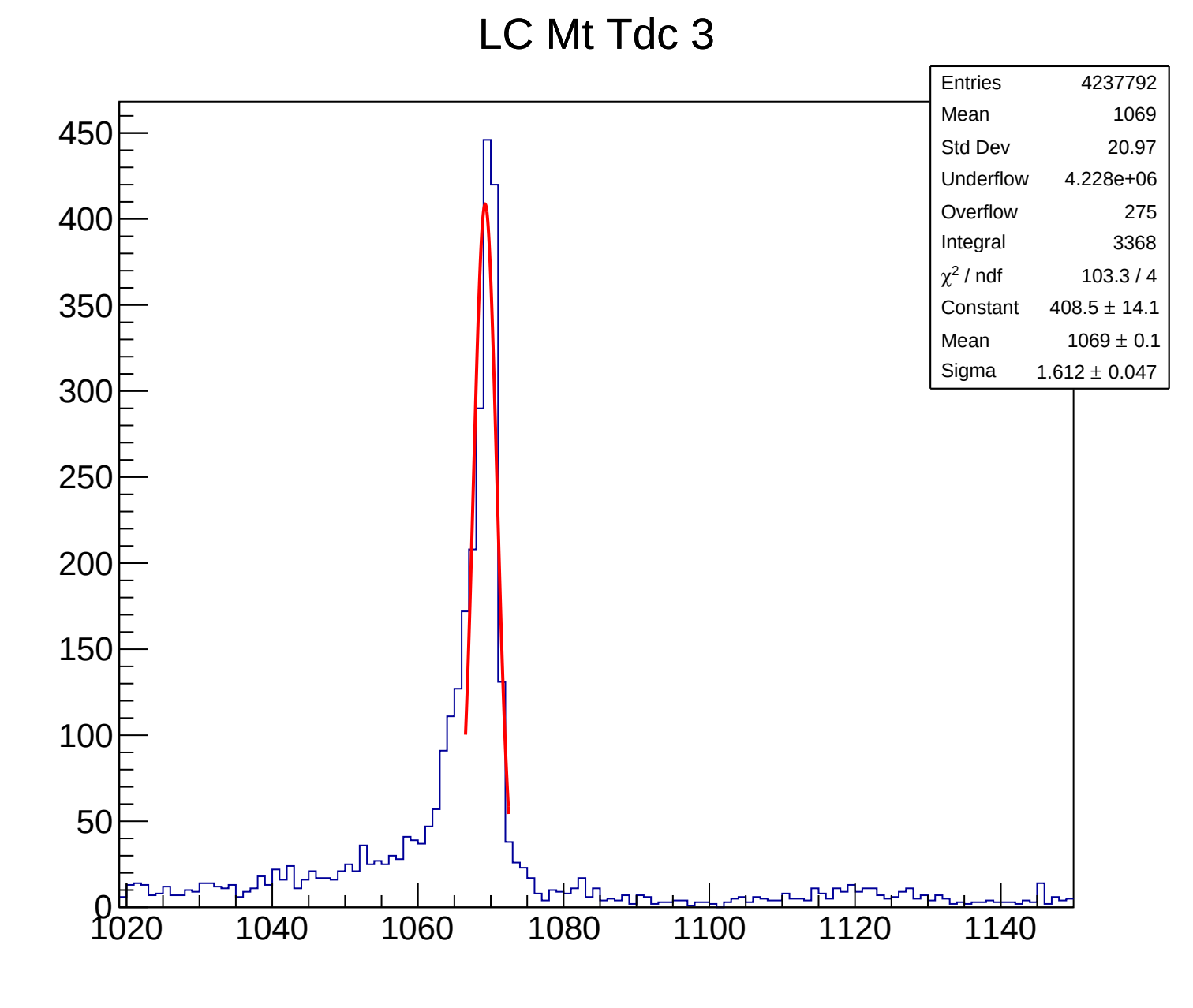
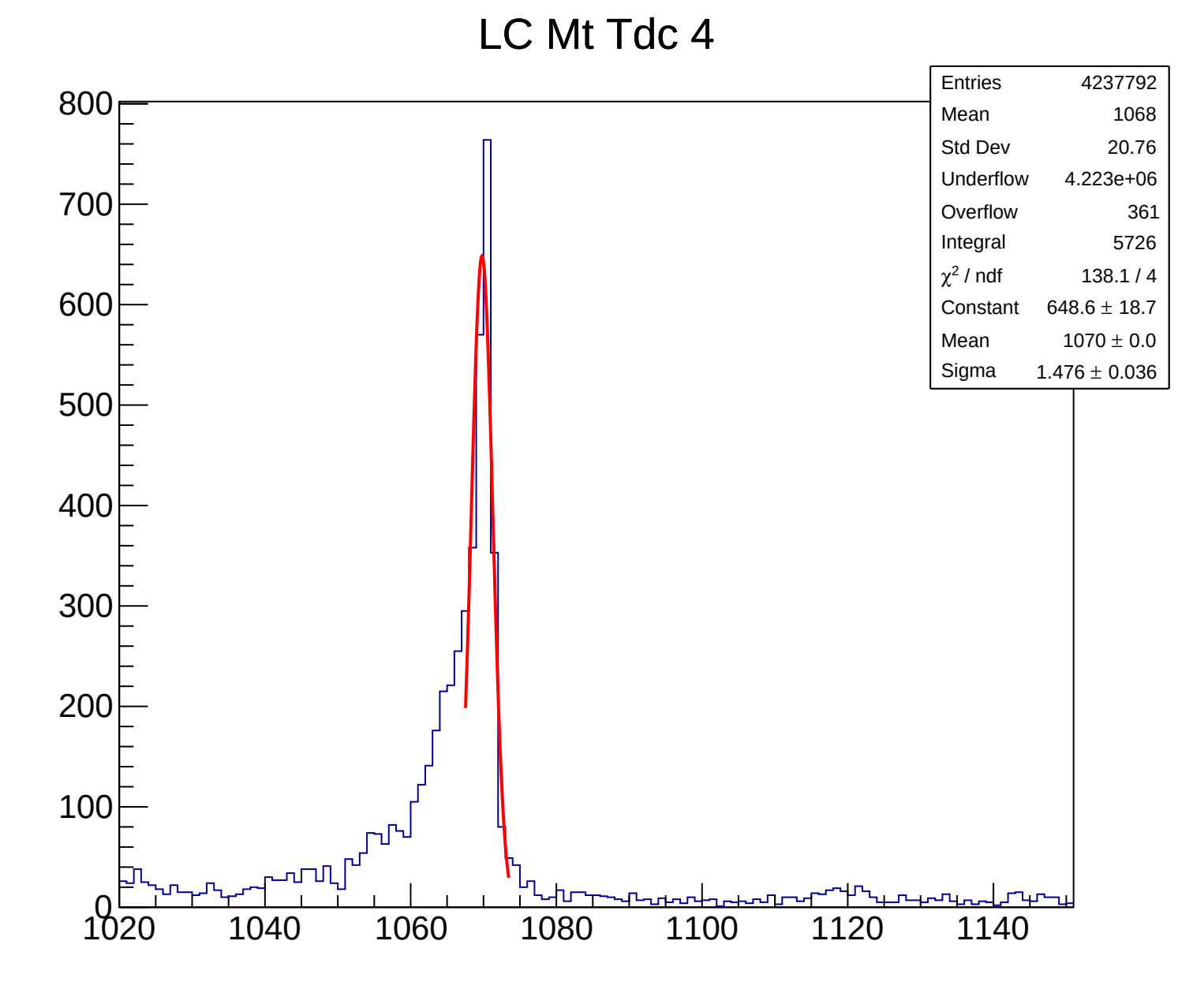
120
100
80
60
40
20
0
1020
1040
1060
1080
1100
1120
1140


LC Mt Tdc 2
Entries 4237792
Mean 1069
Std Dev 25.67
Underflow 4.229e+06
Overflow 285
Integral 2333
χ² / ndf 17.85 / 4
Constant 230.9 ± 9.6
Mean 1068 ± 0.1
Sigma 1.836 ± 0.070
220
200
180
160
140
120
100
80
60
40
20
0
1020
1040
1060
1080
1100
1120
1140


LC Mt Tdc 3
Entries 4237792
Mean 1069
Std Dev 20.97
Underflow 4.228e+06
Overflow 275
Integral 3368
χ² / ndf 103.3 / 4
Constant 408.5 ± 14.1
Mean 1069 ± 0.1
Sigma 1.612 ± 0.047
450
400
350
300
250
200
150
100
50
0
1020
1040
1060
1080
1100
1120
1140


LC Mt Tdc 4
Entries 4237792
Mean 1068
Std Dev 20.76
Underflow 4.223e+06
Overflow 361
Integral 5726
χ² / ndf 138.1 / 4
Constant 648.6 ± 18.7
Mean 1070 ± 0.0
Sigma 1.476 ± 0.036
800
700
600
500
400
300
200
100
0
1020
1040
1060
1080
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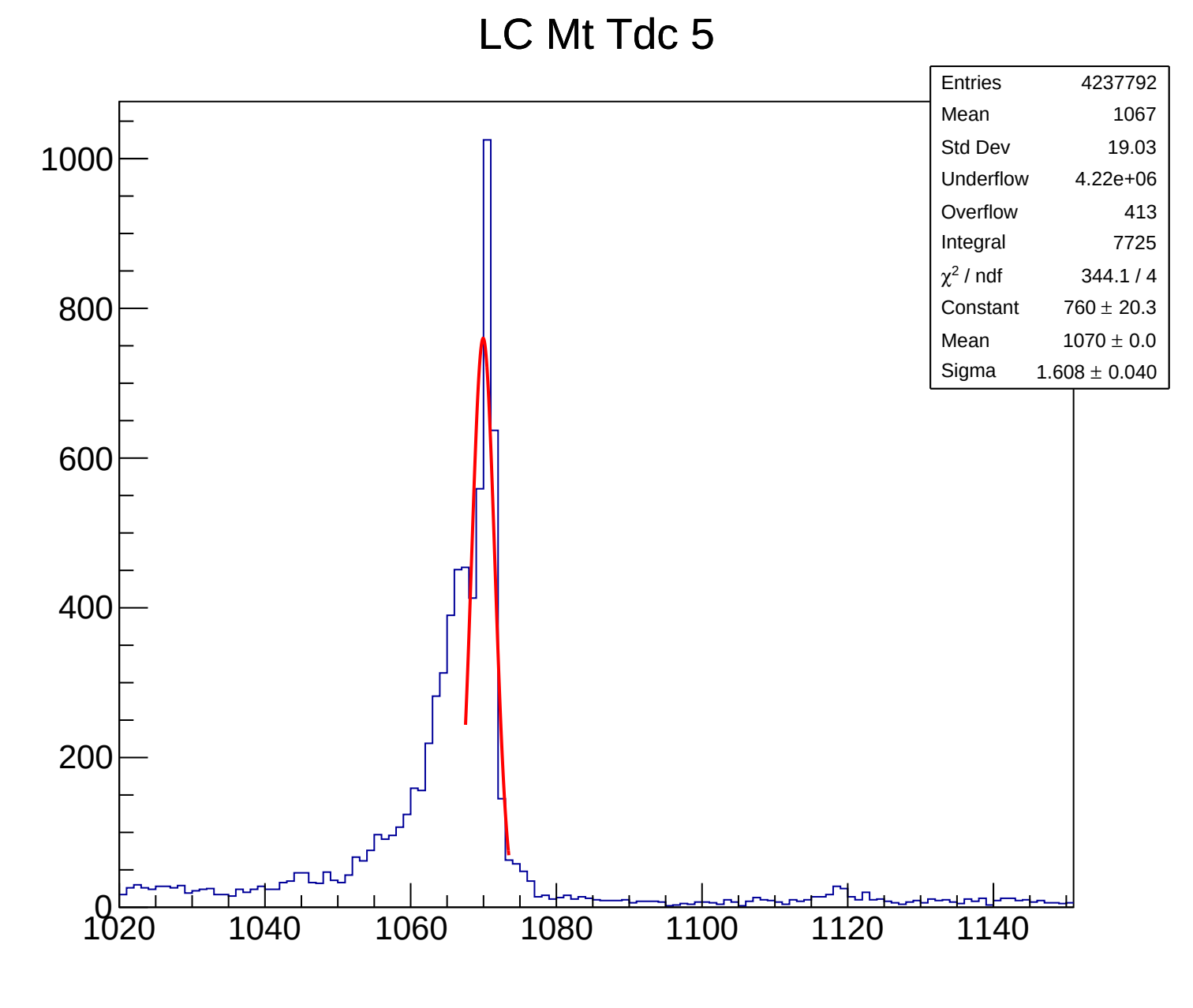
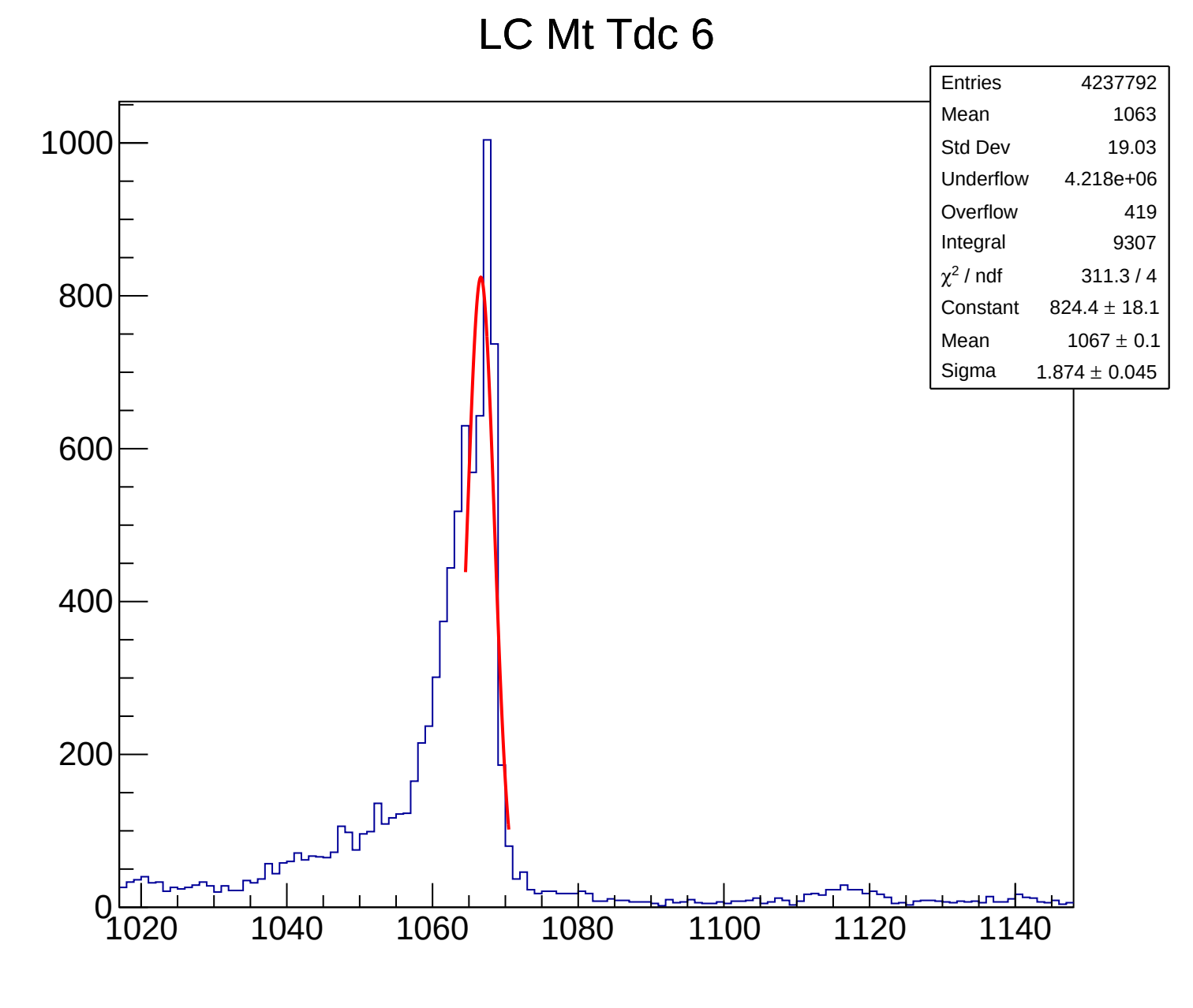
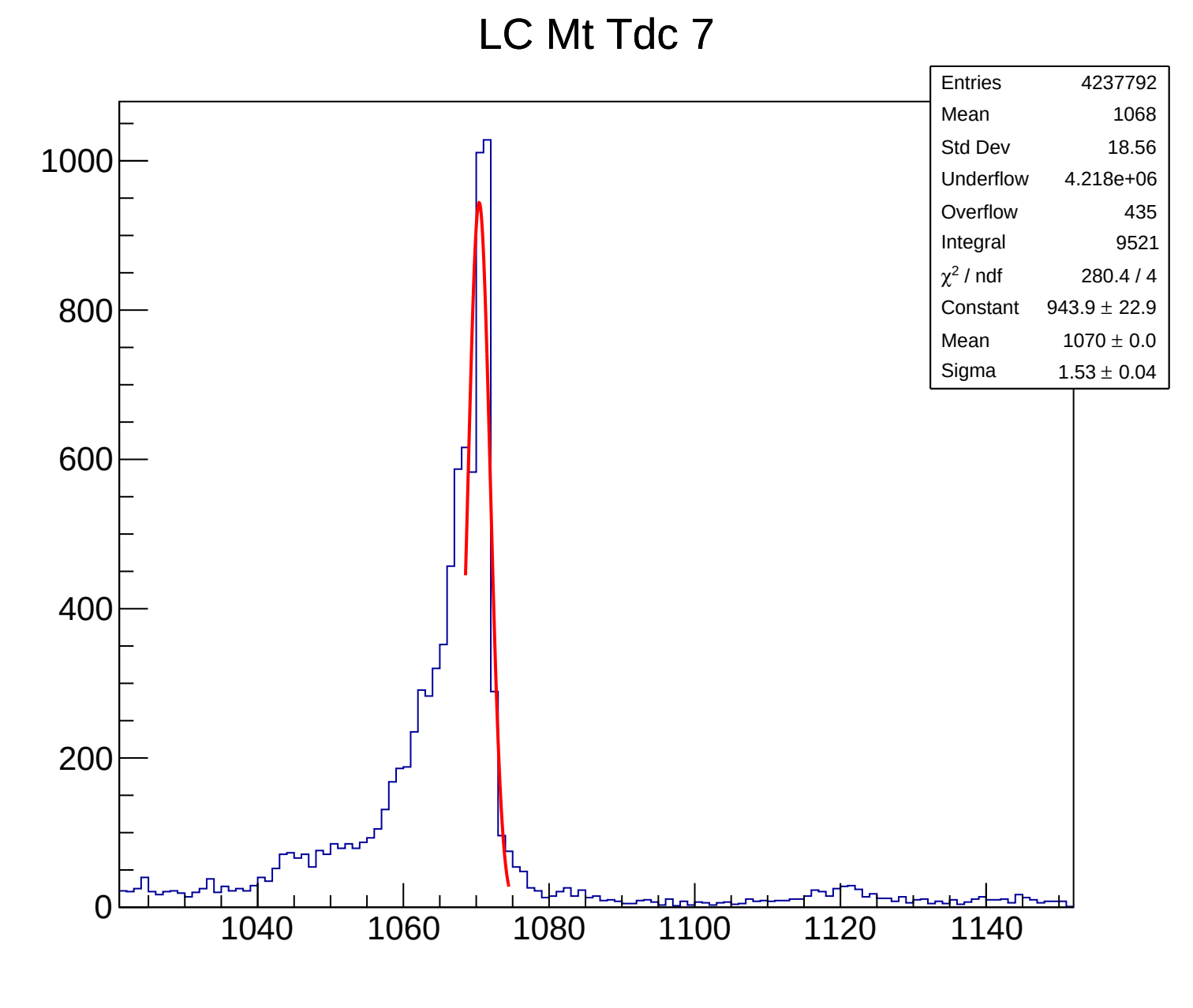
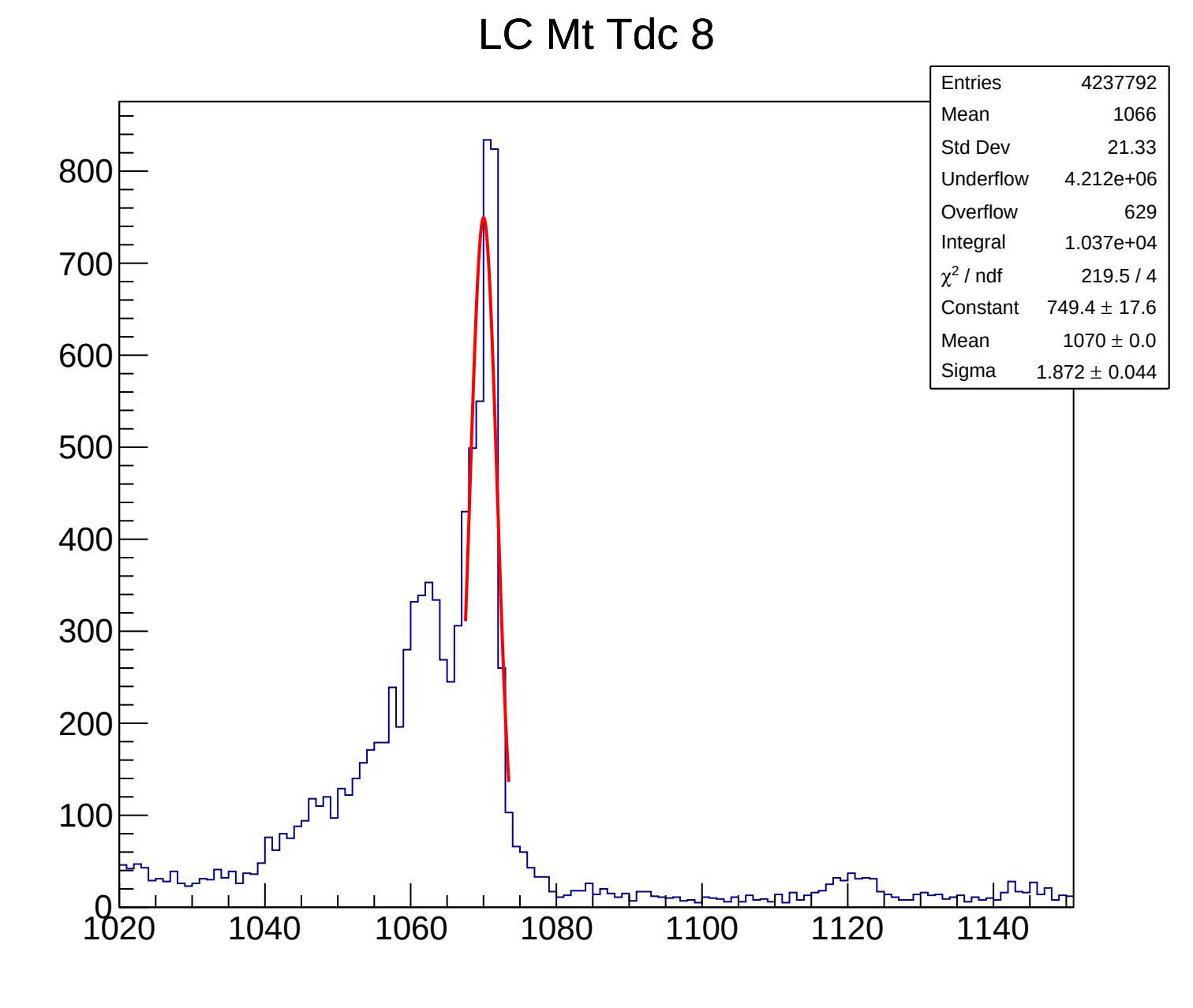
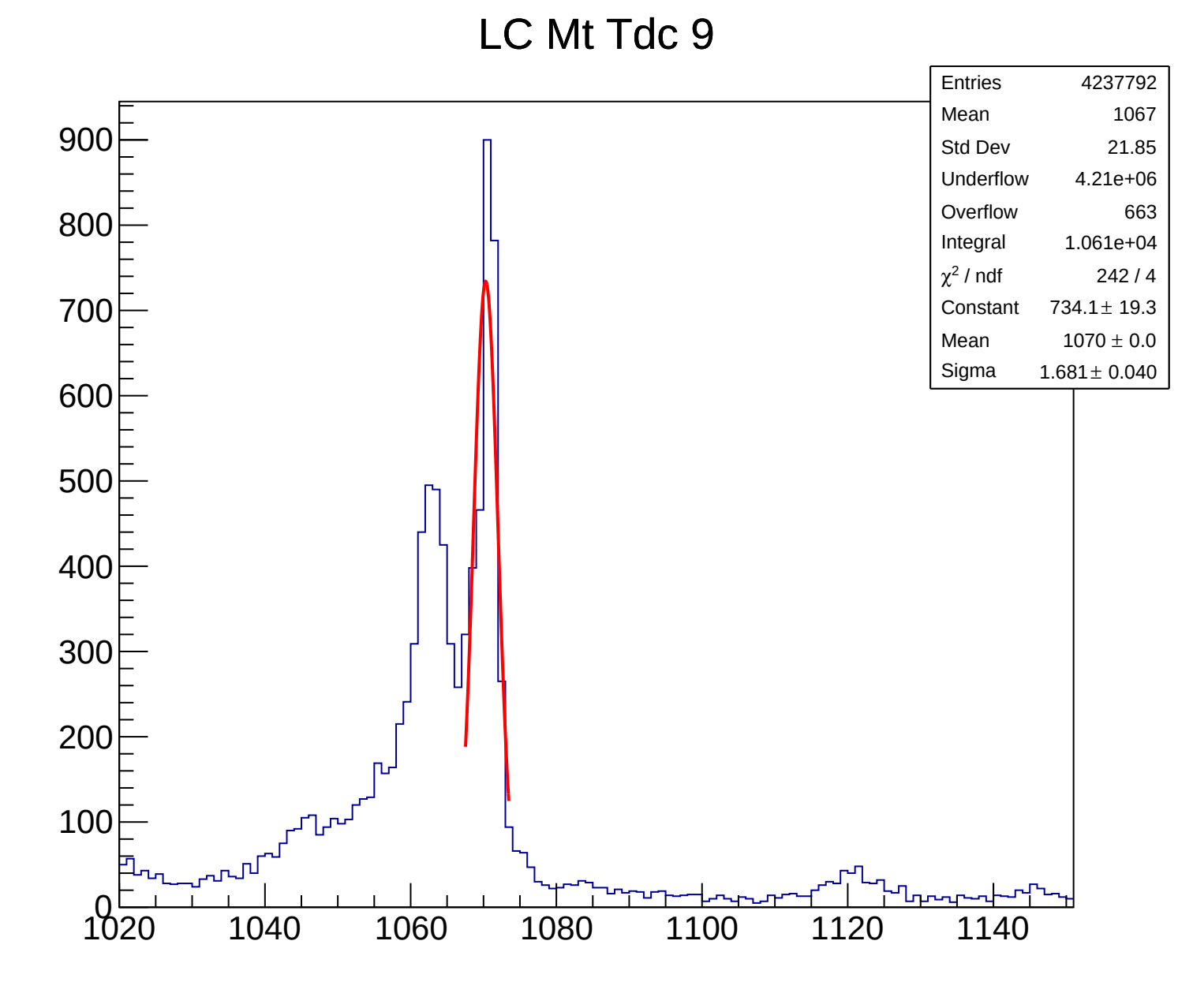
1120
1140

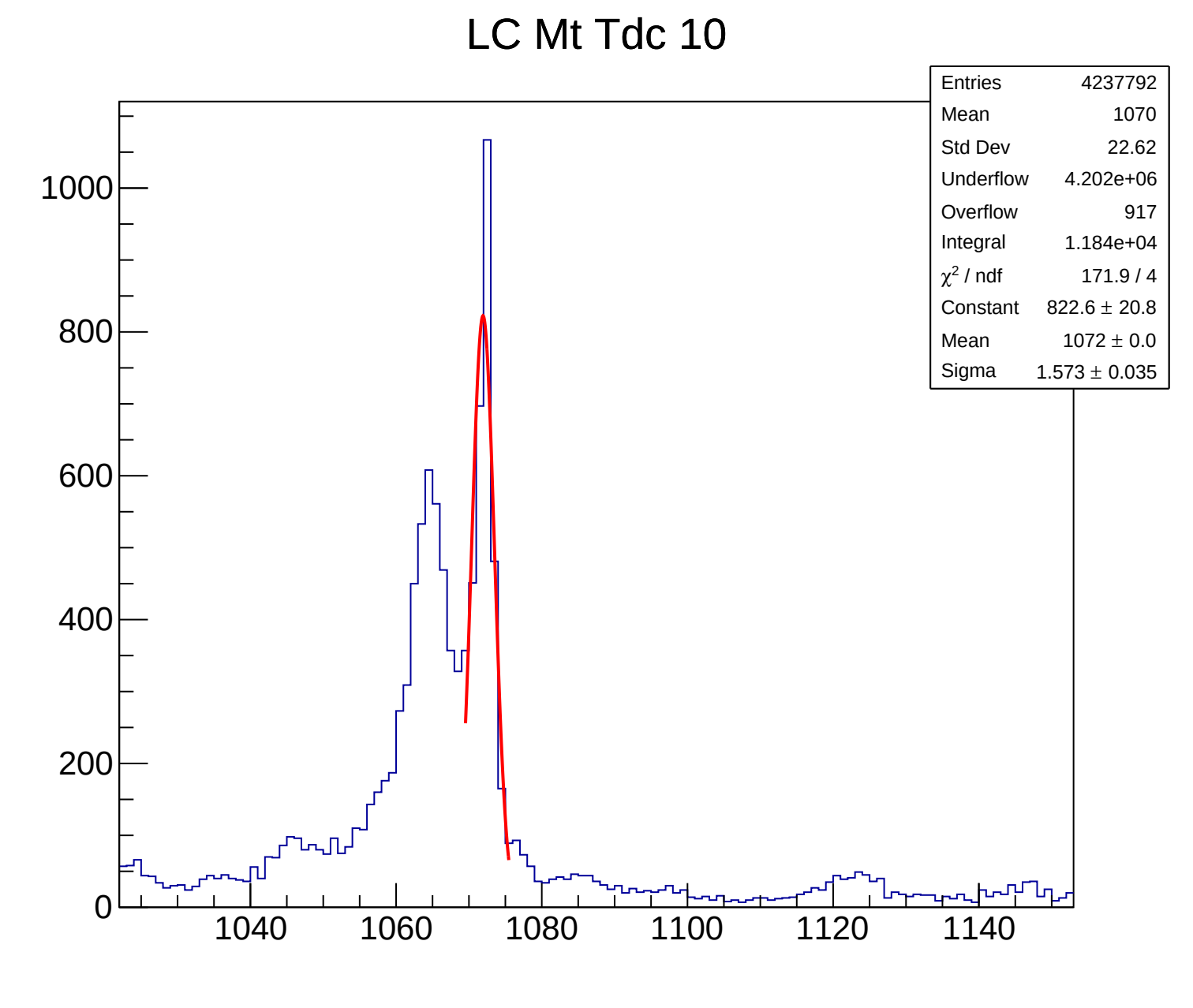

LC Mt Tdc 5
Entries 4237792
Mean 1067
Std Dev 19.03
Underflow 4.22e+06
Overflow 413
Integral 7725
χ² / ndf 344.1 / 4
Constant 760 ± 20.3
Mean 1070 ± 0.0
Sigma 1.608 ± 0.040
1000
800
600
400
200
0
1020
1040
1060
1080
1100
1120
1140

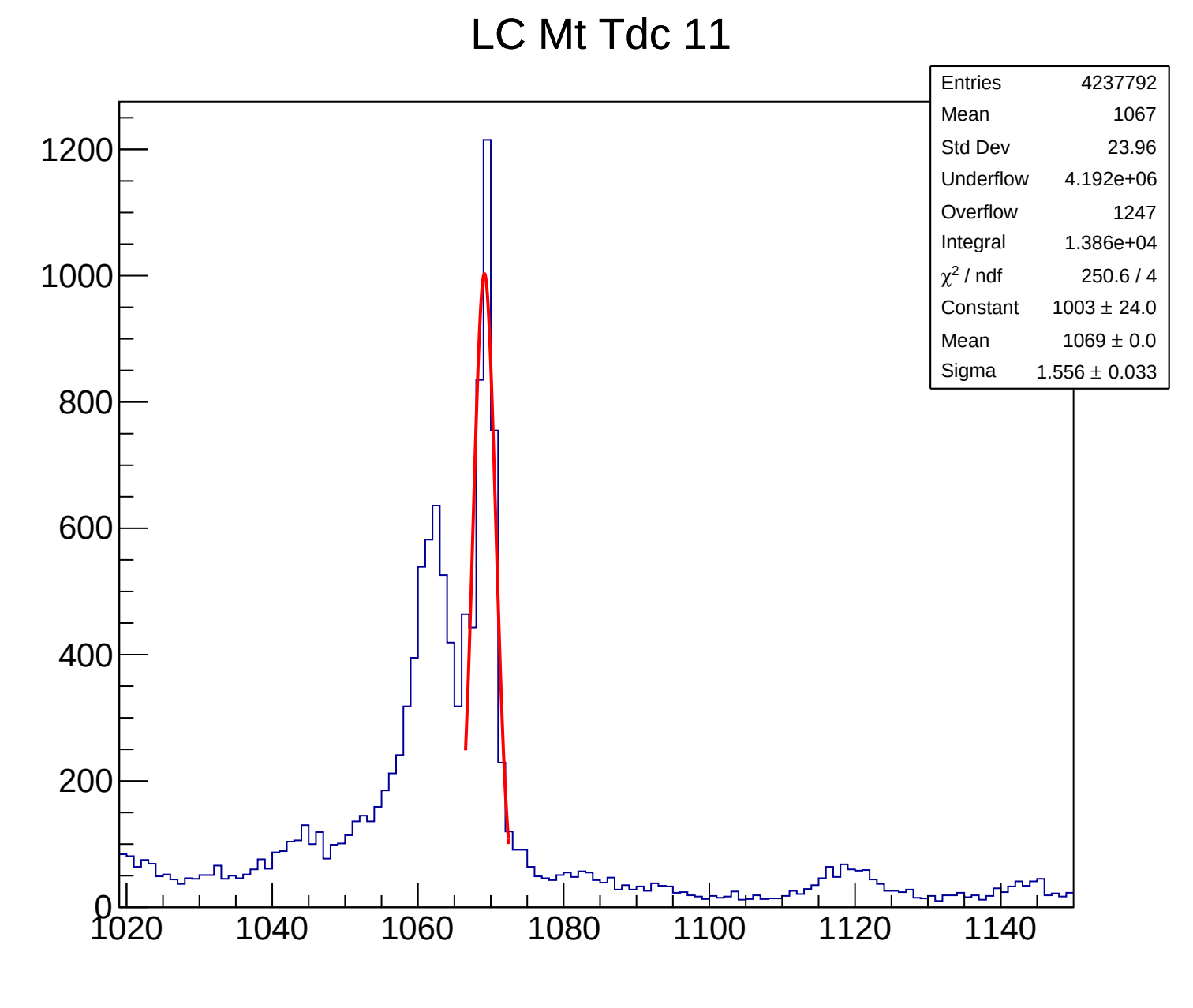

LC Mt Tdc 6
Entries 4237792
Mean 1063
Std Dev 19.03
Underflow 4.218e+06
Overflow 419
Integral 9307
χ² / ndf 311.3 / 4
Constant 824.4 ± 18.1
Mean 1067 ± 0.1
Sigma 1.874 ± 0.045
1000
800
600
400
200
0
1020
1040
1060
1080
1100
1120
1140

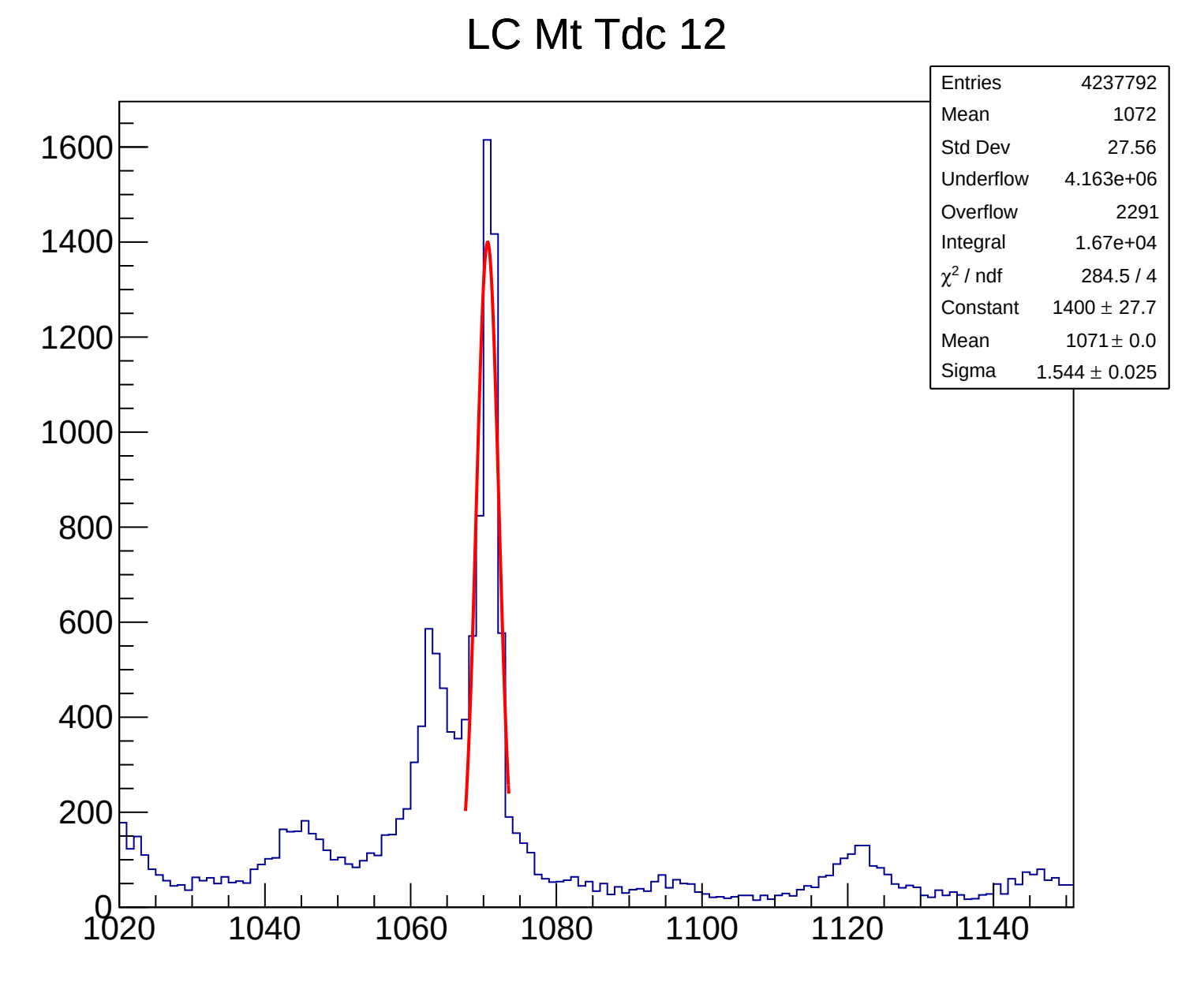

LC Mt Tdc 7
Entries 4237792
Mean 1068
Std Dev 18.56
Underflow 4.218e+06
Overflow 435
Integral 9521
χ² / ndf 280.4 / 4
Constant 943.9 ± 22.9
Mean 1070 ± 0.0
Sigma 1.53 ± 0.04
1000
800
600
400
200
0
1040
1060
1080
1100
1120
1140

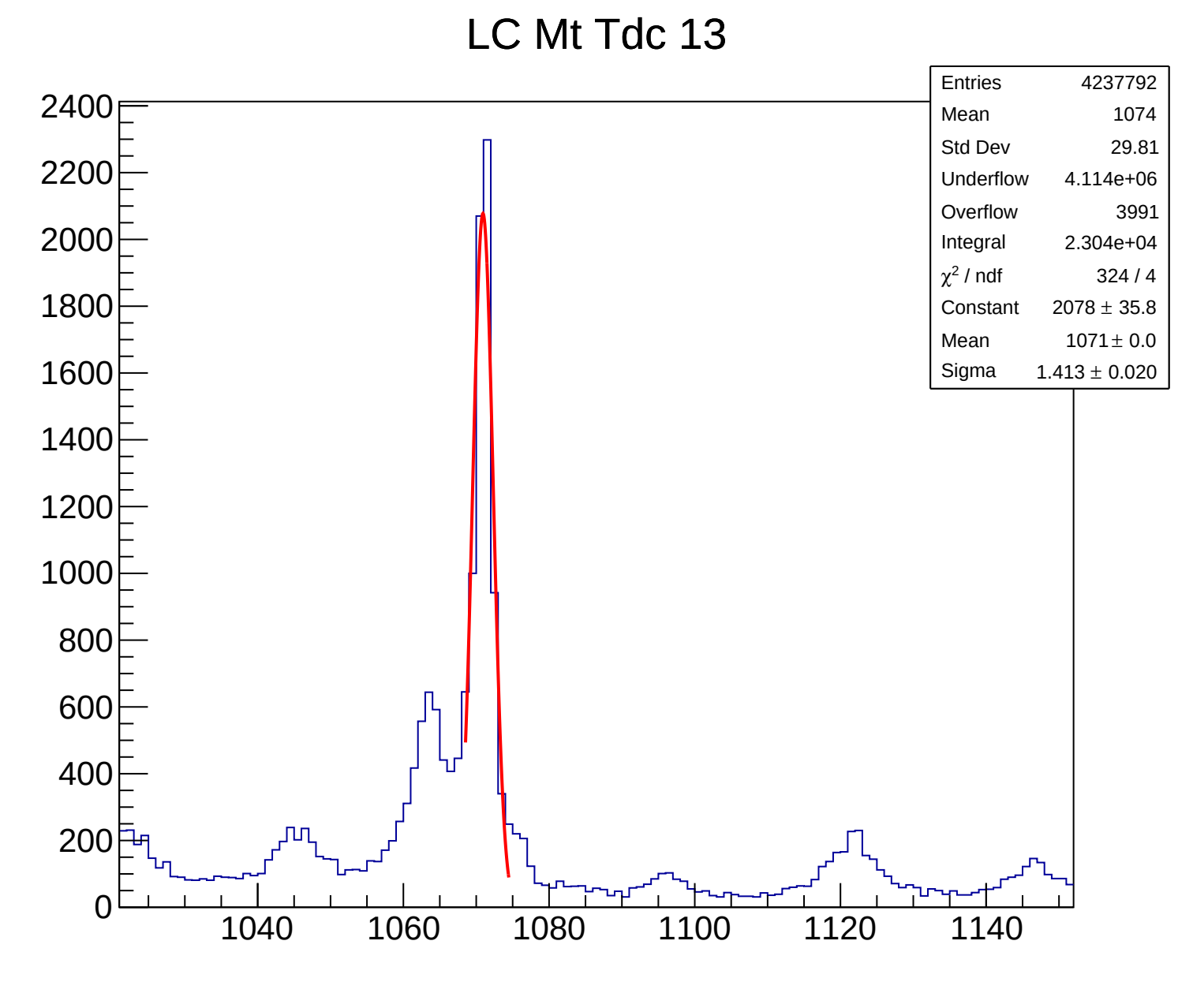

LC Mt Tdc 8
Entries 4237792
Mean 1066
Std Dev 21.33
Underflow 4.212e+06
Overflow 629
Integral 1.037e+04
χ² / ndf 219.5 / 4
Constant 749.4 ± 17.6
Mean 1070 ± 0.0
Sigma 1.872 ± 0.044
800
700
600
500
400
300
200
100
0
1020
1040
1060
1080
1100
1120
1140

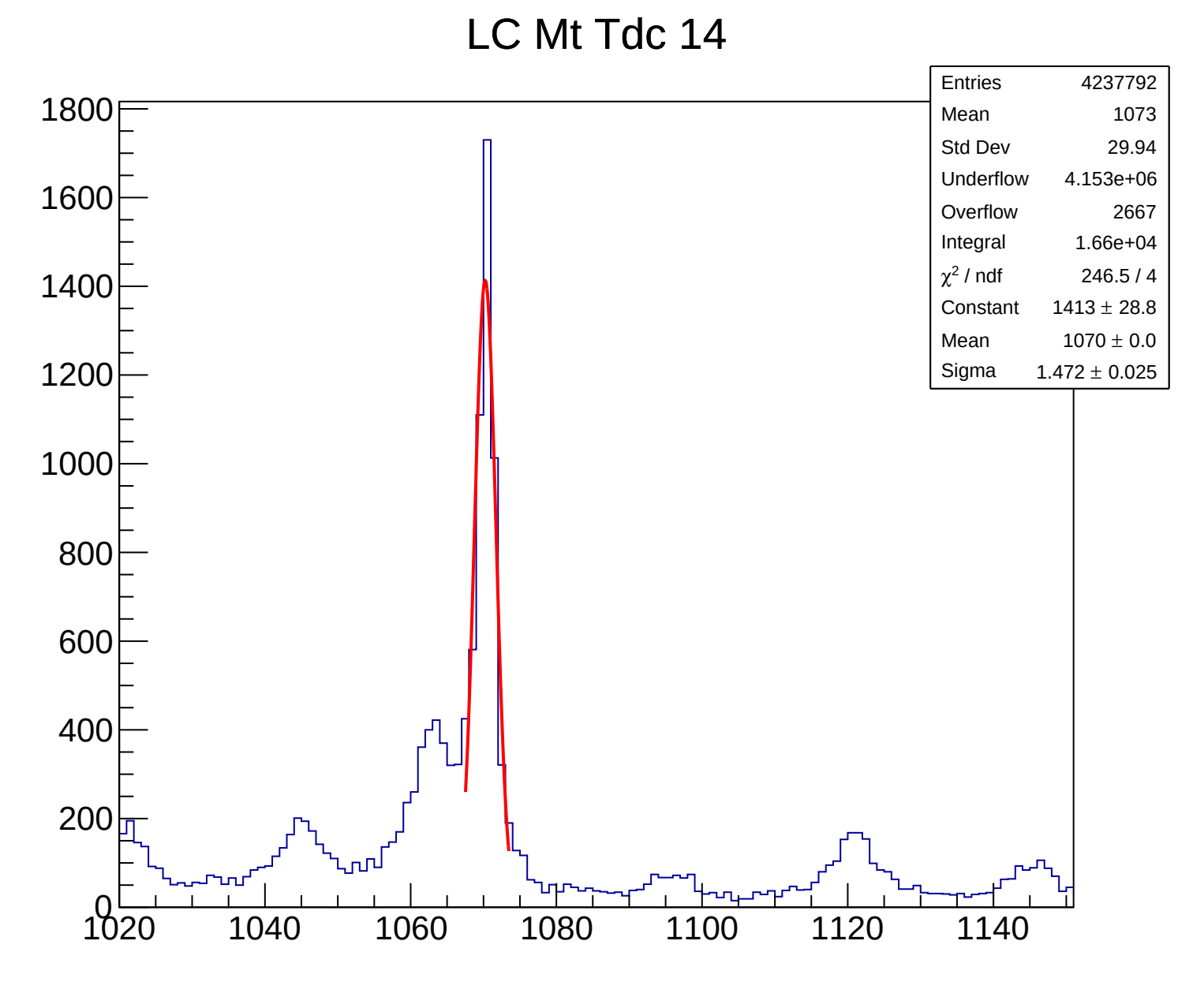

LC Mt Tdc 9
Entries 4237792
Mean 1067
Std Dev 21.85
Underflow 4.21e+06
Overflow 663
Integral 1.061e+04
χ² / ndf 242 / 4
Constant 734.1± 19.3
Mean 1070 ± 0.0
Sigma 1.681± 0.040
900
800
700
600
500
400
300
200
100
0
1020
1040
1060
1080
1100
1120
1140

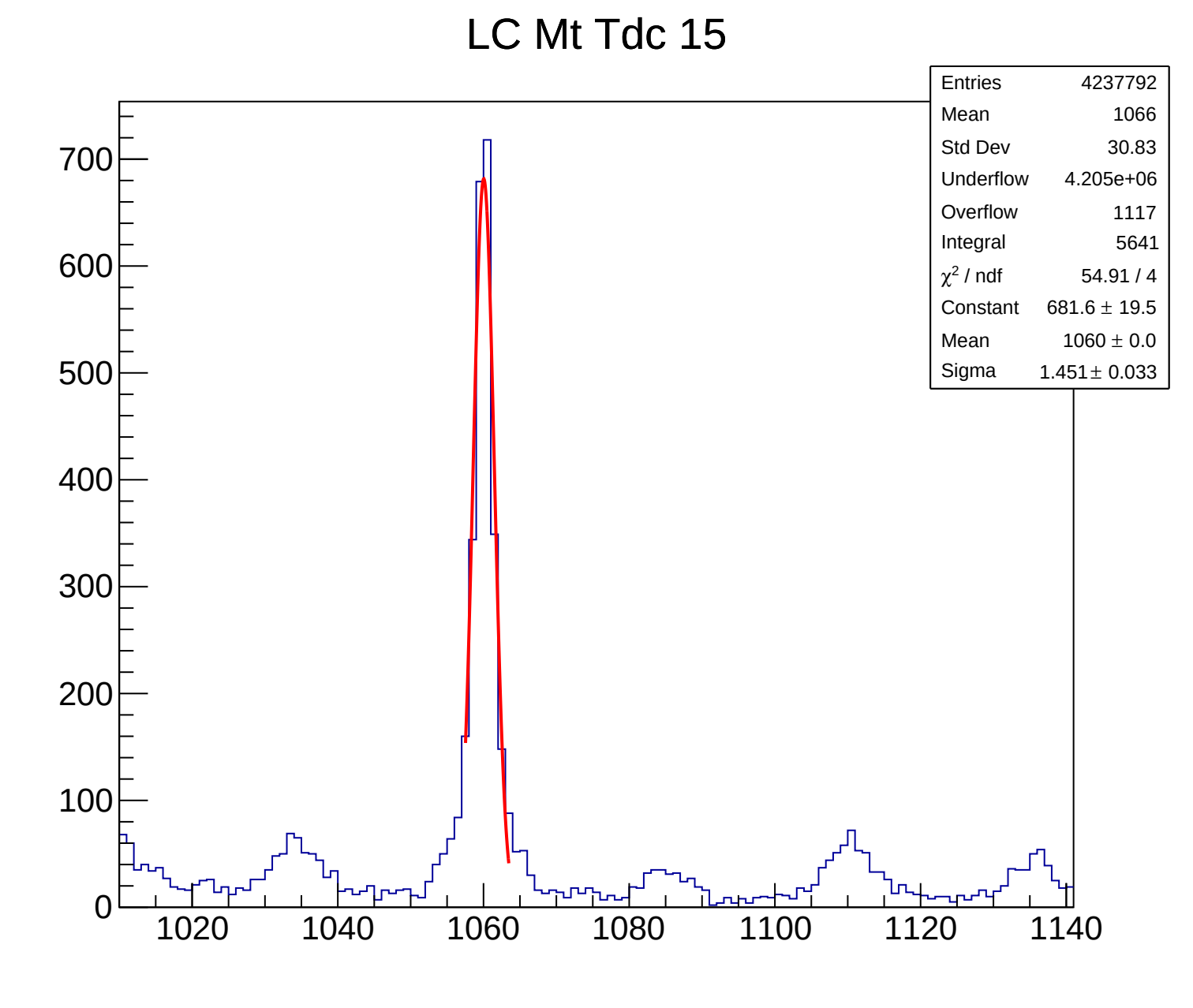

LC Mt Tdc 10
Entries 4237792
Mean 1070
Std Dev 22.62
Underflow 4.202e+06
Overflow 917
Integral 1.184e+04
χ² / ndf 171.9 / 4
Constant 822.6 ± 20.8
Mean 1072 ± 0.0
Sigma 1.573 ± 0.035
1000
800
600
400
200
0
1040
1060
1080
1100
1120
1140

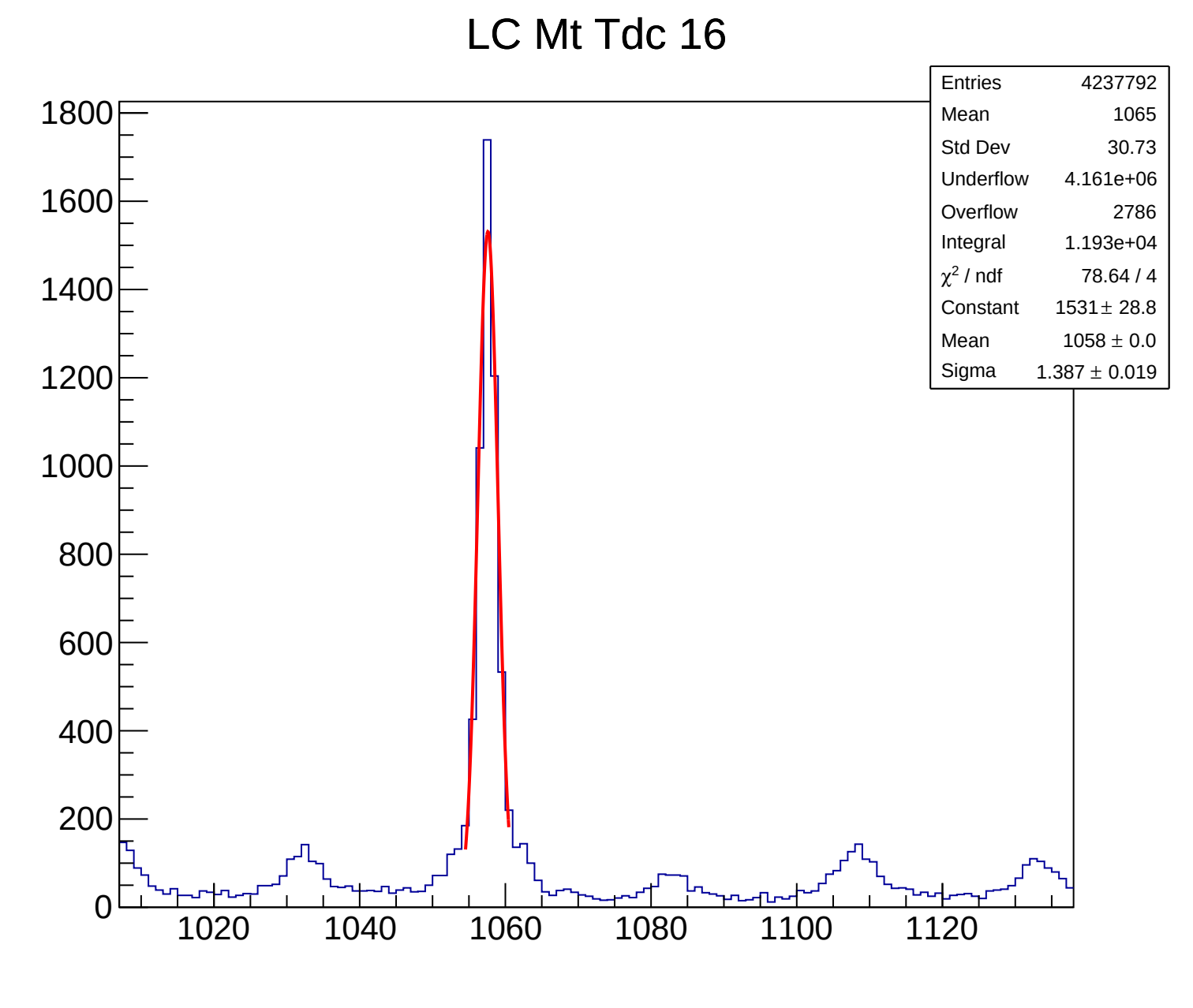

LC Mt Tdc 11
Entries 4237792
Mean 1067
Std Dev 23.96
Underflow 4.192e+06
Overflow 1247
Integral 1.386e+04
χ² / ndf 250.6 / 4
Constant 1003 ± 24.0
Mean 1069 ± 0.0
Sigma 1.556 ± 0.033
1200
1000
800
600
400
200
0
1020
1040
1060
1080
1100
1120
1140

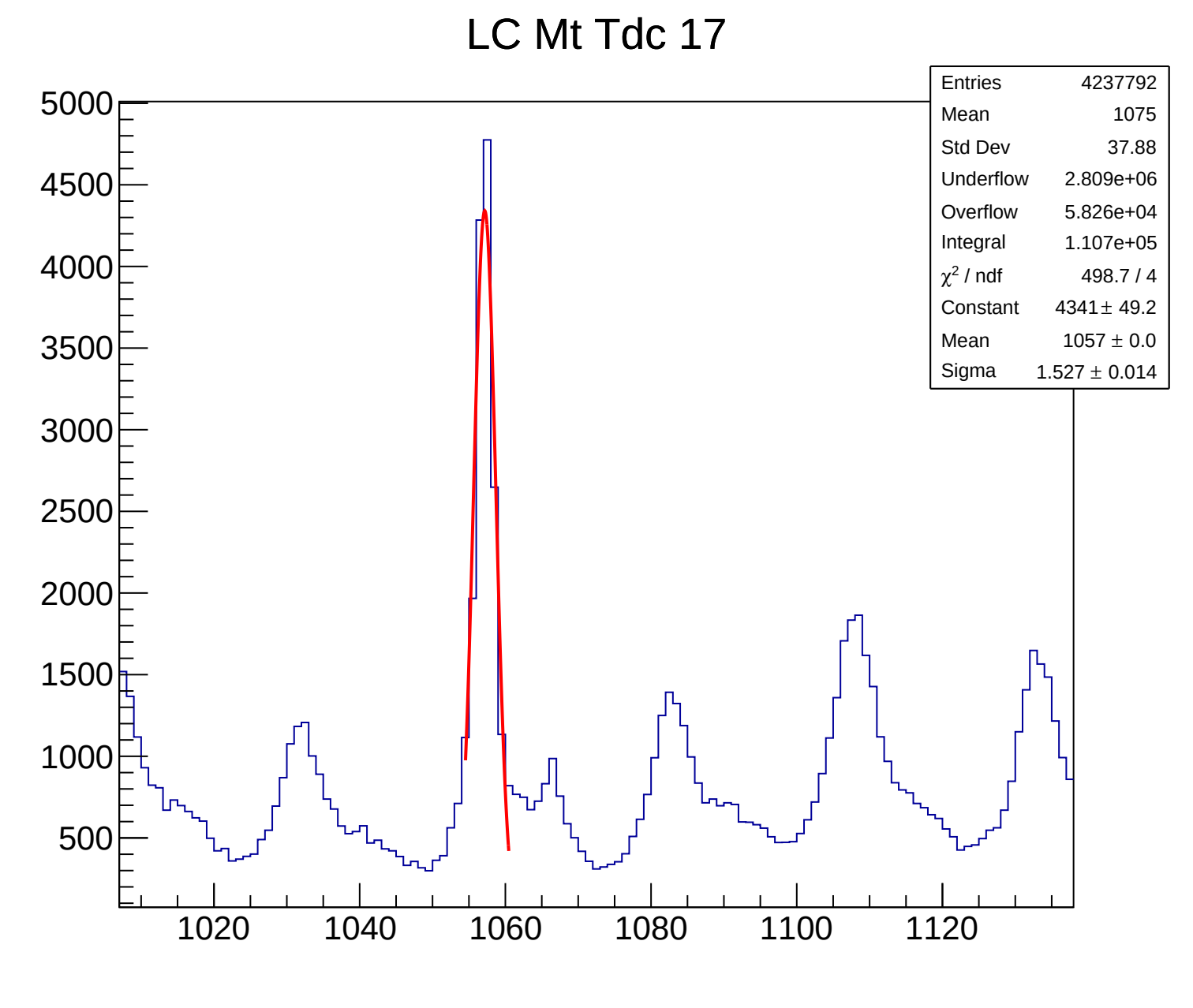

LC Mt Tdc 12
Entries 4237792
Mean 1072
Std Dev 27.56
Underflow 4.163e+06
Overflow 2291
Integral 1.67e+04
χ² / ndf 284.5 / 4
Constant 1400 ± 27.7
Mean 1071 ± 0.0
Sigma 1.544 ± 0.025
1600
1400
1200
1000
800
600
400
200
0
1020
1040
1060
1080
1100
1120
1140

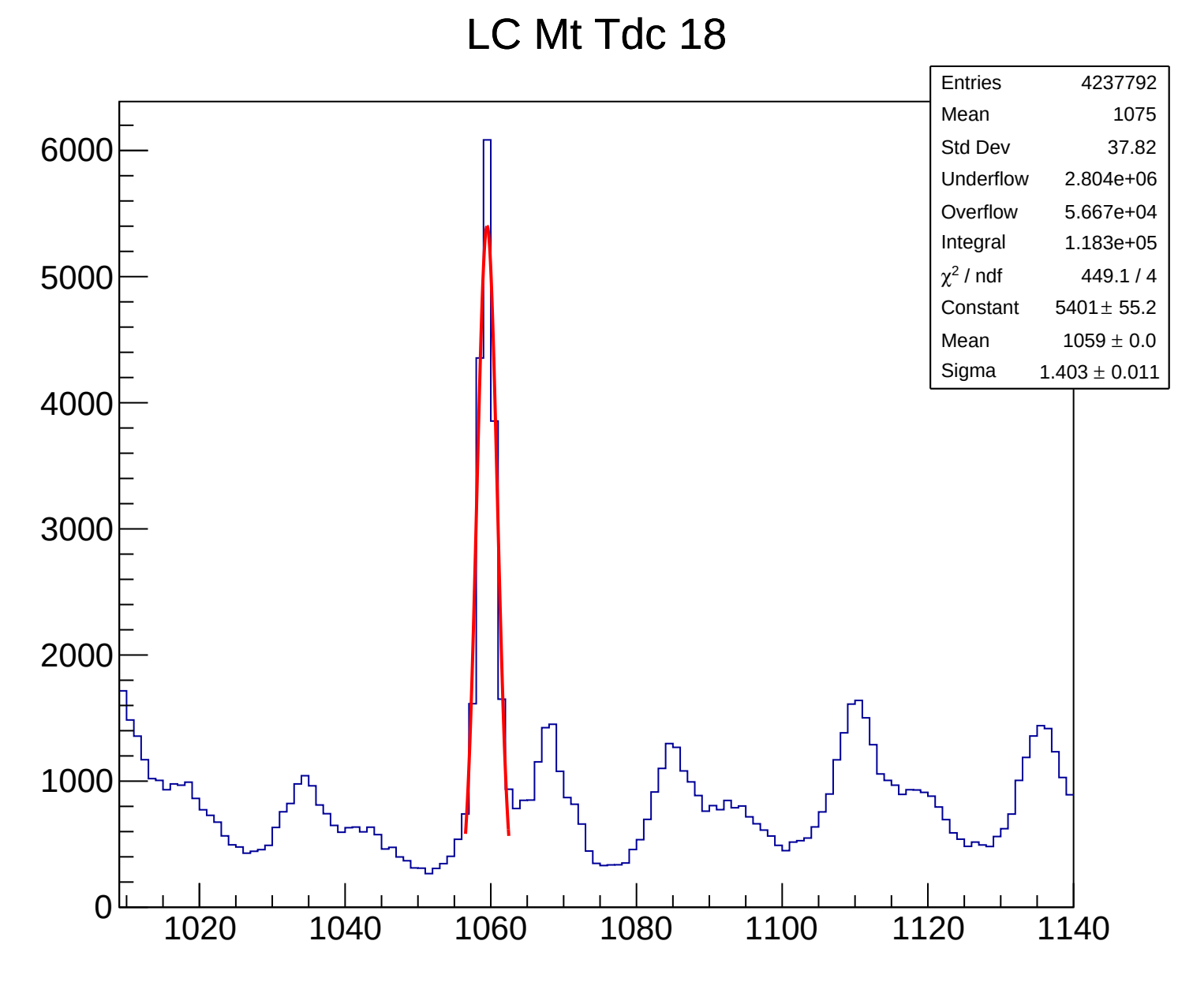

LC Mt Tdc 13
Entries 4237792
Mean 1074
Std Dev 29.81
Underflow 4.114e+06
Overflow 3991
Integral 2.304e+04
χ² / ndf 324 / 4
Constant 2078 ± 35.8
Mean 1071 ± 0.0
Sigma 1.413 ± 0.020
2400
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
1040
1060
1080
1100
1120
1140

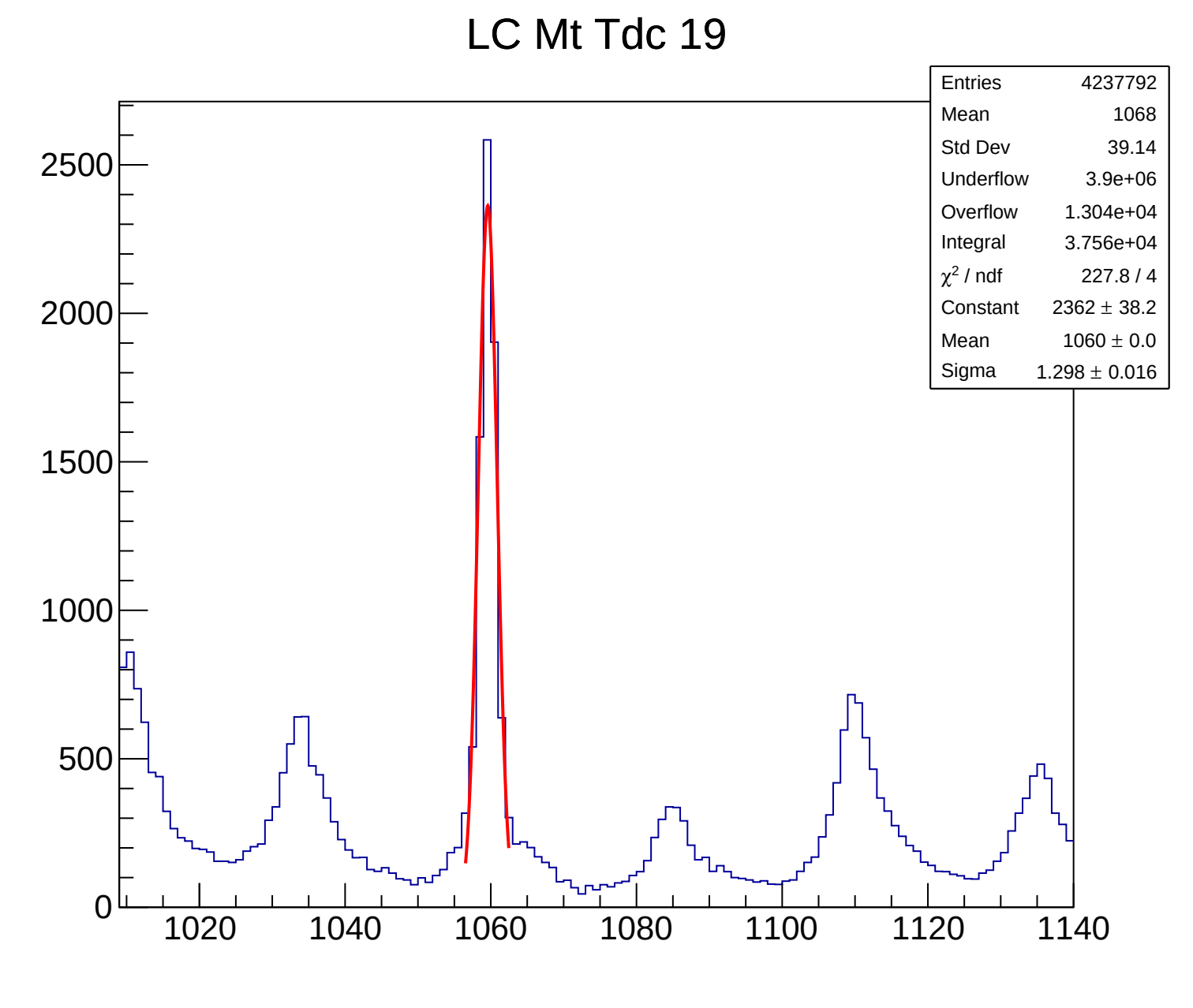

LC Mt Tdc 14
Entries 4237792
Mean 1073
Std Dev 29.94
Underflow 4.153e+06
Overflow 2667
Integral 1.66e+04
χ² / ndf 246.5 / 4
Constant 1413 ± 28.8
Mean 1070 ± 0.0
Sigma 1.472 ± 0.025
1800
1600
1400
1200
1000
800
600
400
200
0
1020
1040
1060
1080
1100
1120
1140

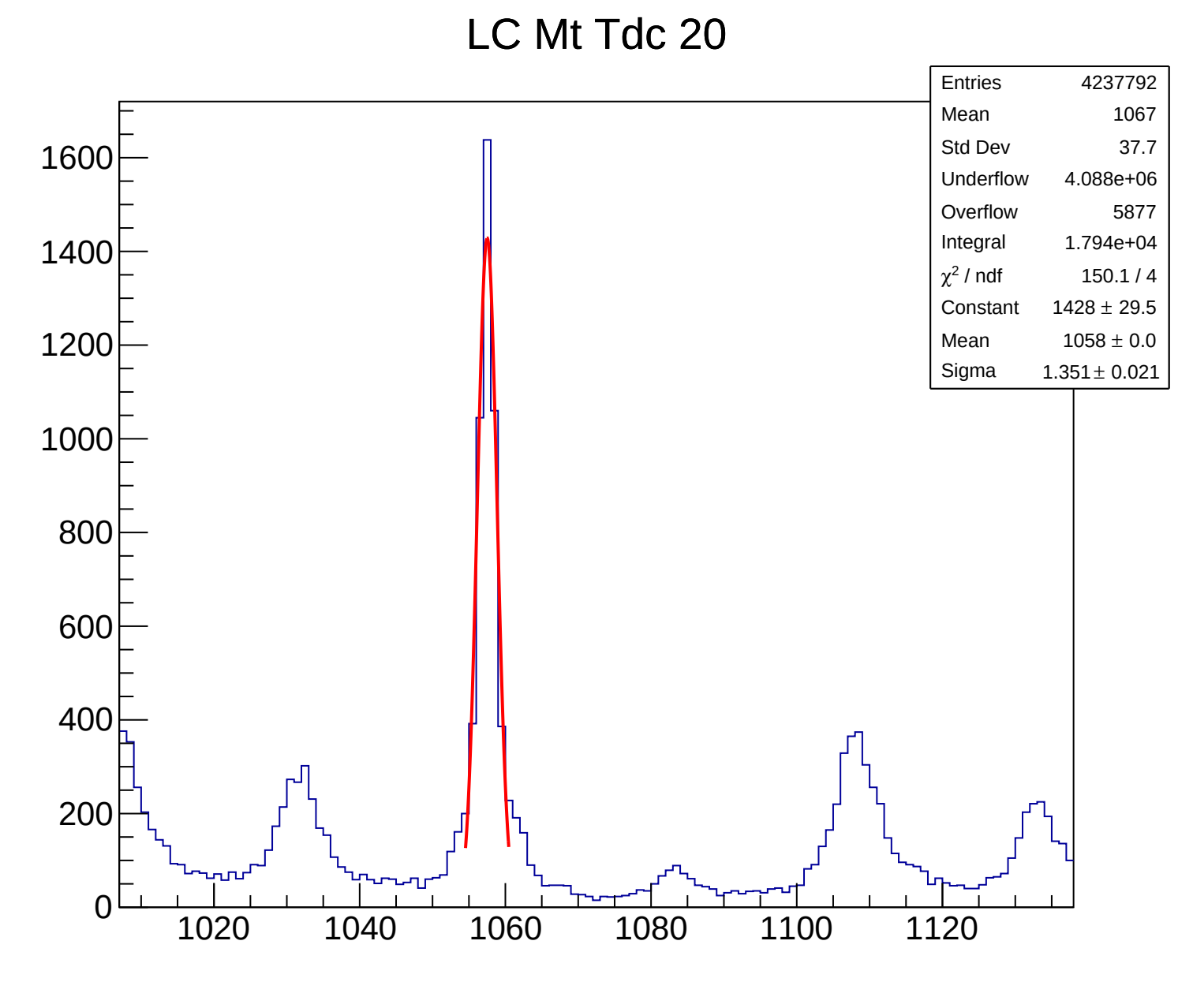

LC Mt Tdc 15
Entries 4237792
Mean 1066
Std Dev 30.83
Underflow 4.205e+06
Overflow 1117
Integral 5641
χ² / ndf 54.91 / 4
Constant 681.6 ± 19.5
Mean 1060 ± 0.0
Sigma 1.451± 0.033
700
600
500
400
300
200
100
0
1020
1040
1060
1080
1100
1120
1140

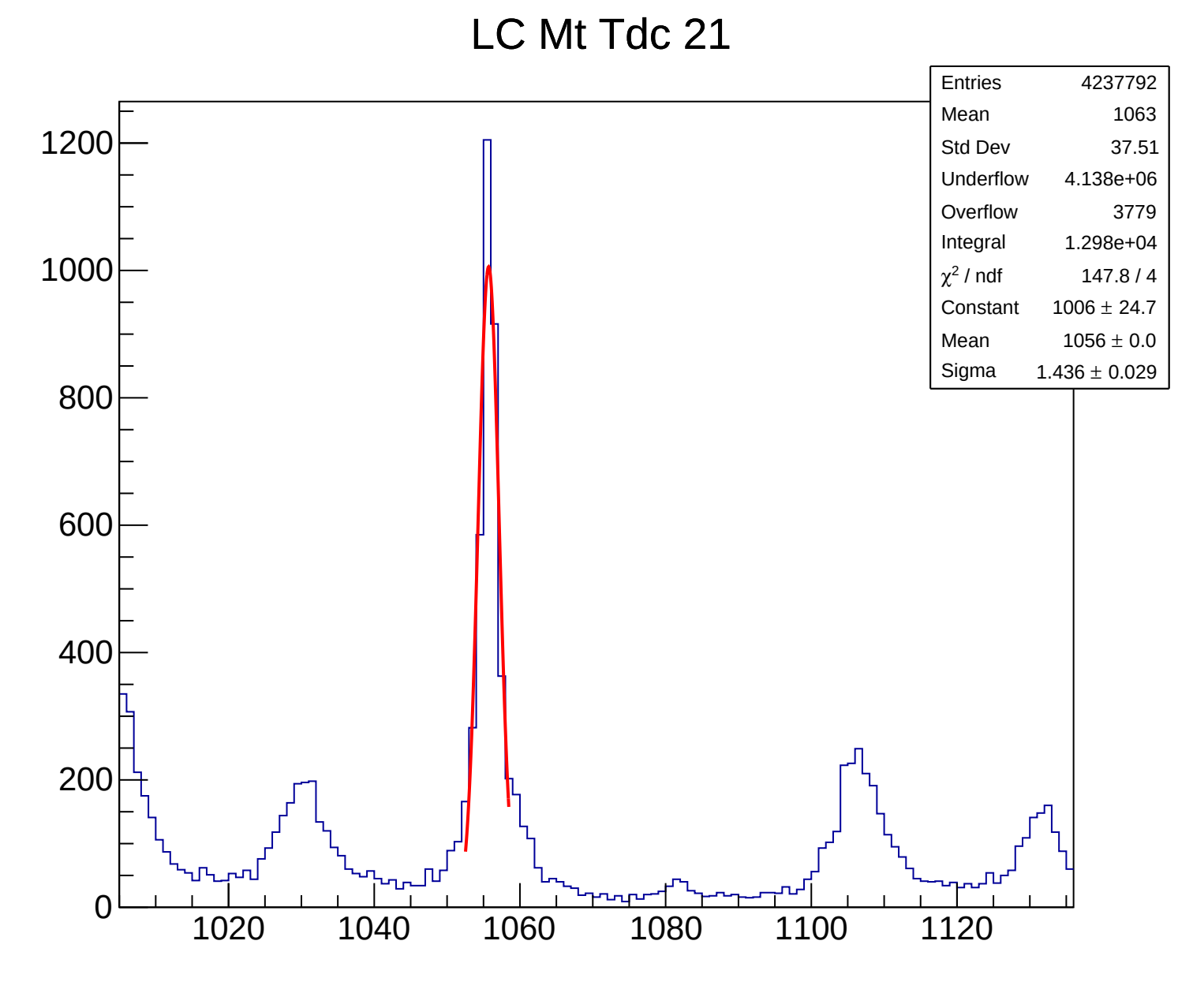

LC Mt Tdc 16
Entries 4237792
Mean 1065
Std Dev 30.73
Underflow 4.161e+06
Overflow 2786
Integral 1.193e+04
χ² / ndf 78.64 / 4
Constant 1531 ± 28.8
Mean 1058 ± 0.0
Sigma 1.387 ± 0.019
1800
1600
1400
1200
1000
800
600
400
200
0
1020
1040
1060
1080
1100
1120

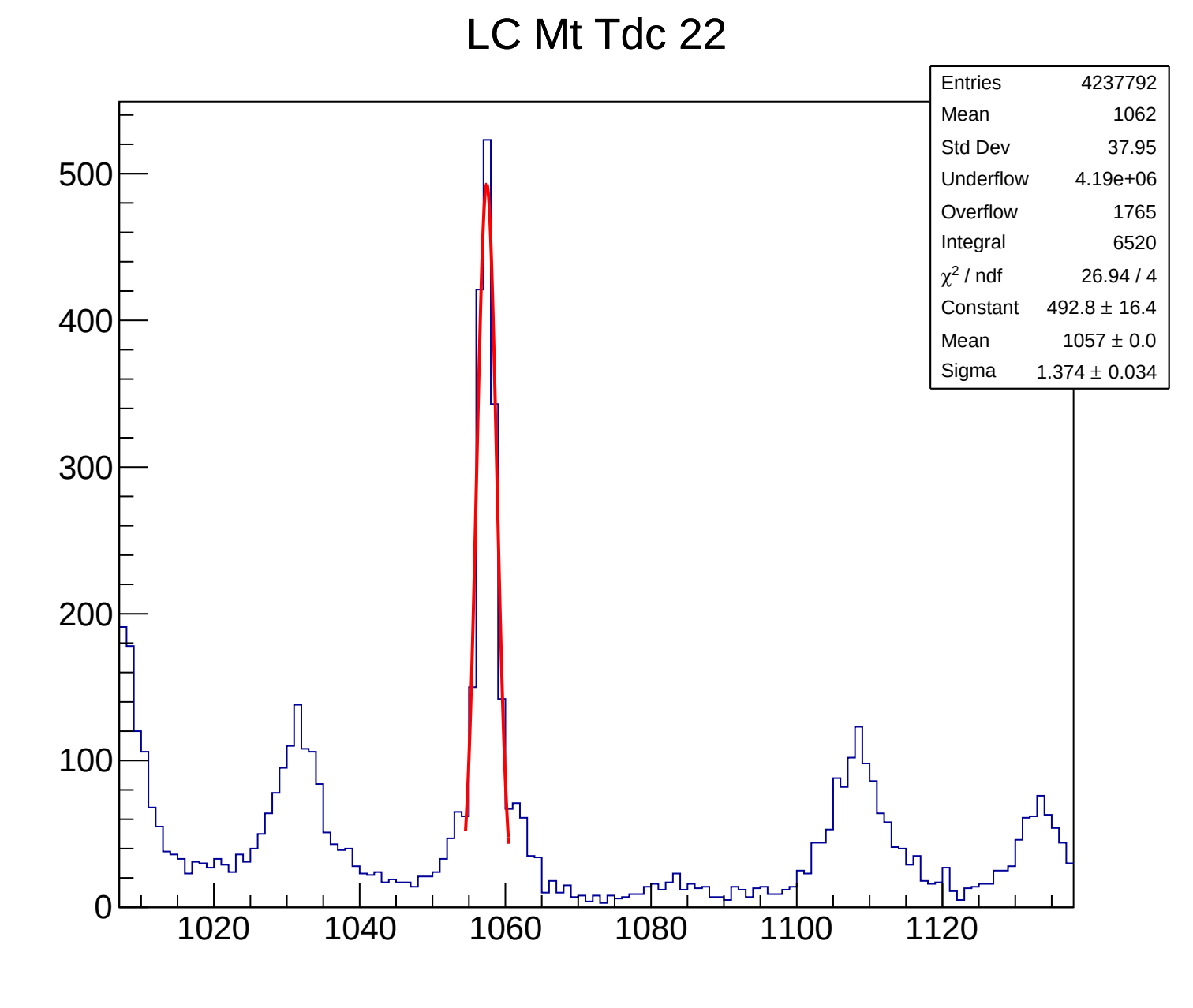

LC Mt Tdc 17
Entries 4237792
Mean 1075
Std Dev 37.88
Underflow 2.809e+06
Overflow 5.826e+04
Integral 1.107e+05
χ² / ndf 498.7 / 4
Constant 4341 ± 49.2
Mean 1057 ± 0.0
Sigma 1.527 ± 0.014
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
1020
1040
1060
1080
1100
1120

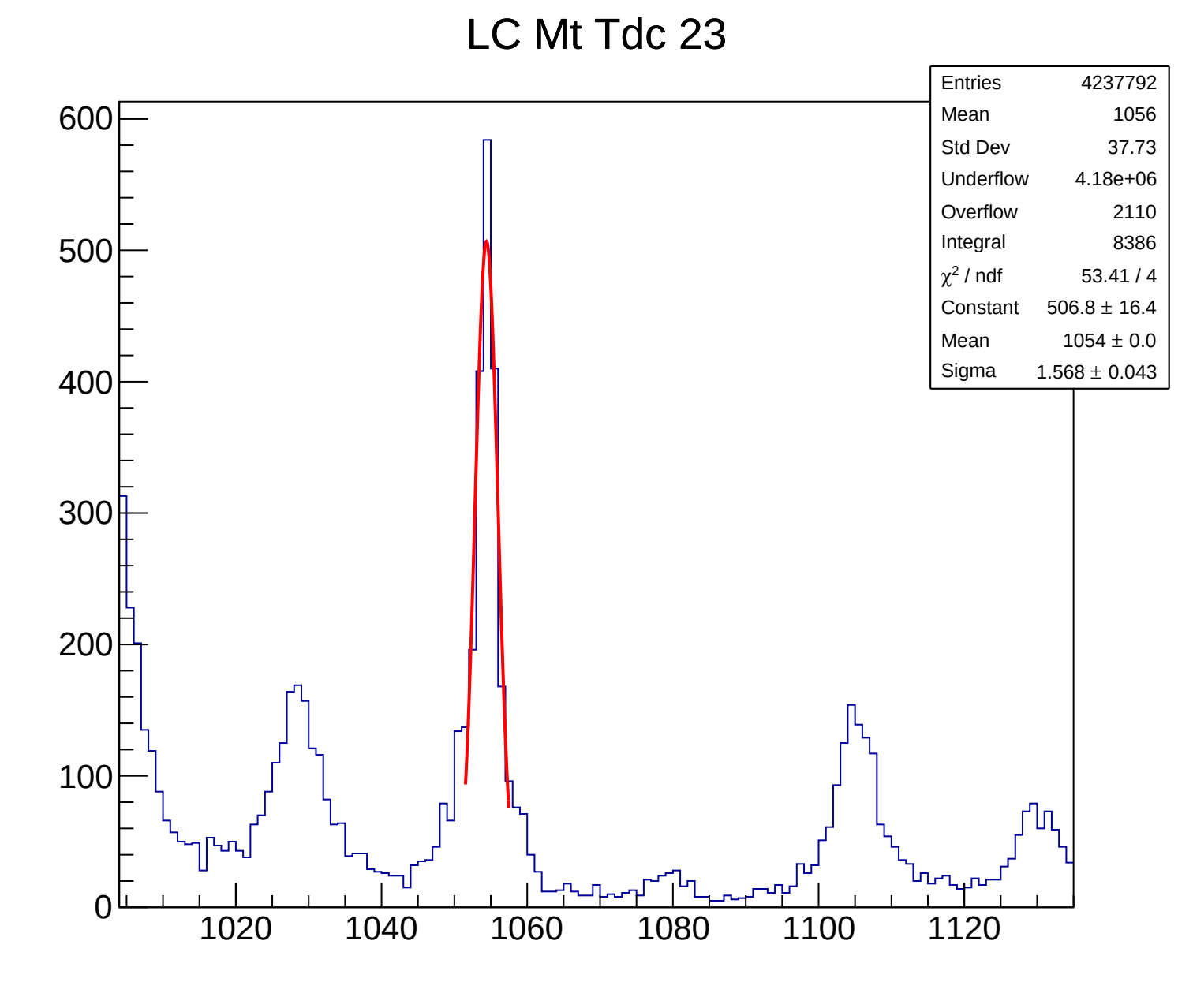

LC Mt Tdc 18
Entries 4237792
Mean 1075
Std Dev 37.82
Underflow 2.804e+06
Overflow 5.667e+04
Integral 1.183e+05
χ² / ndf 449.1 / 4
Constant 5401 ± 55.2
Mean 1059 ± 0.0
Sigma 1.403 ± 0.011
6000
5000
4000
3000
2000
1000
0
1020
1040
1060
1080
1100
1120
1140

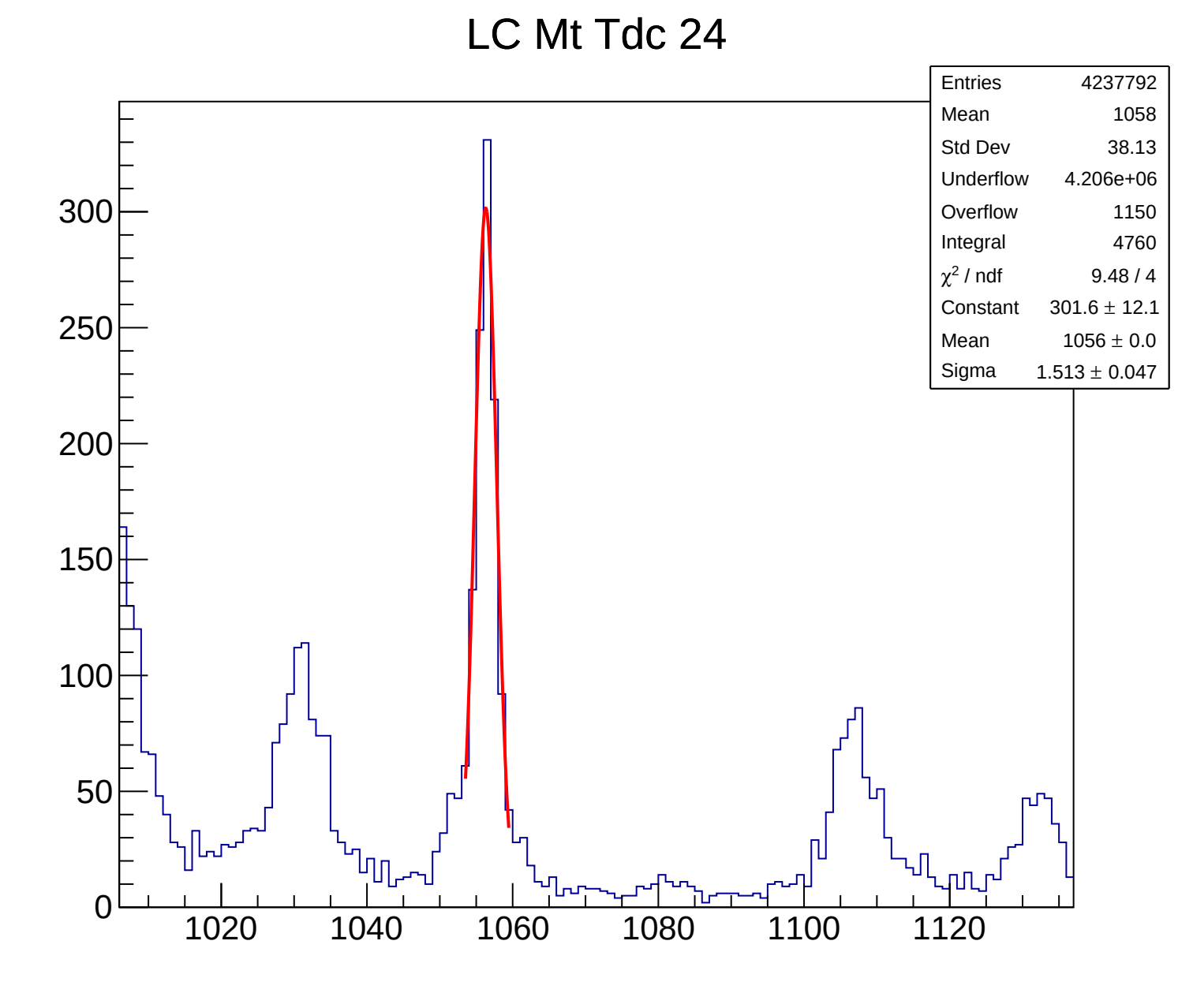

LC Mt Tdc 19
Entries 4237792
Mean 1068
Std Dev 39.14
Underflow 3.9e+06
Overflow 1.304e+04
Integral 3.756e+04
χ² / ndf 227.8 / 4
Constant 2362 ± 38.2
Mean 1060 ± 0.0
Sigma 1.298 ± 0.016
2500
2000
1500
1000
500
0
1020
1040
1060
1080
1100
1120
1140

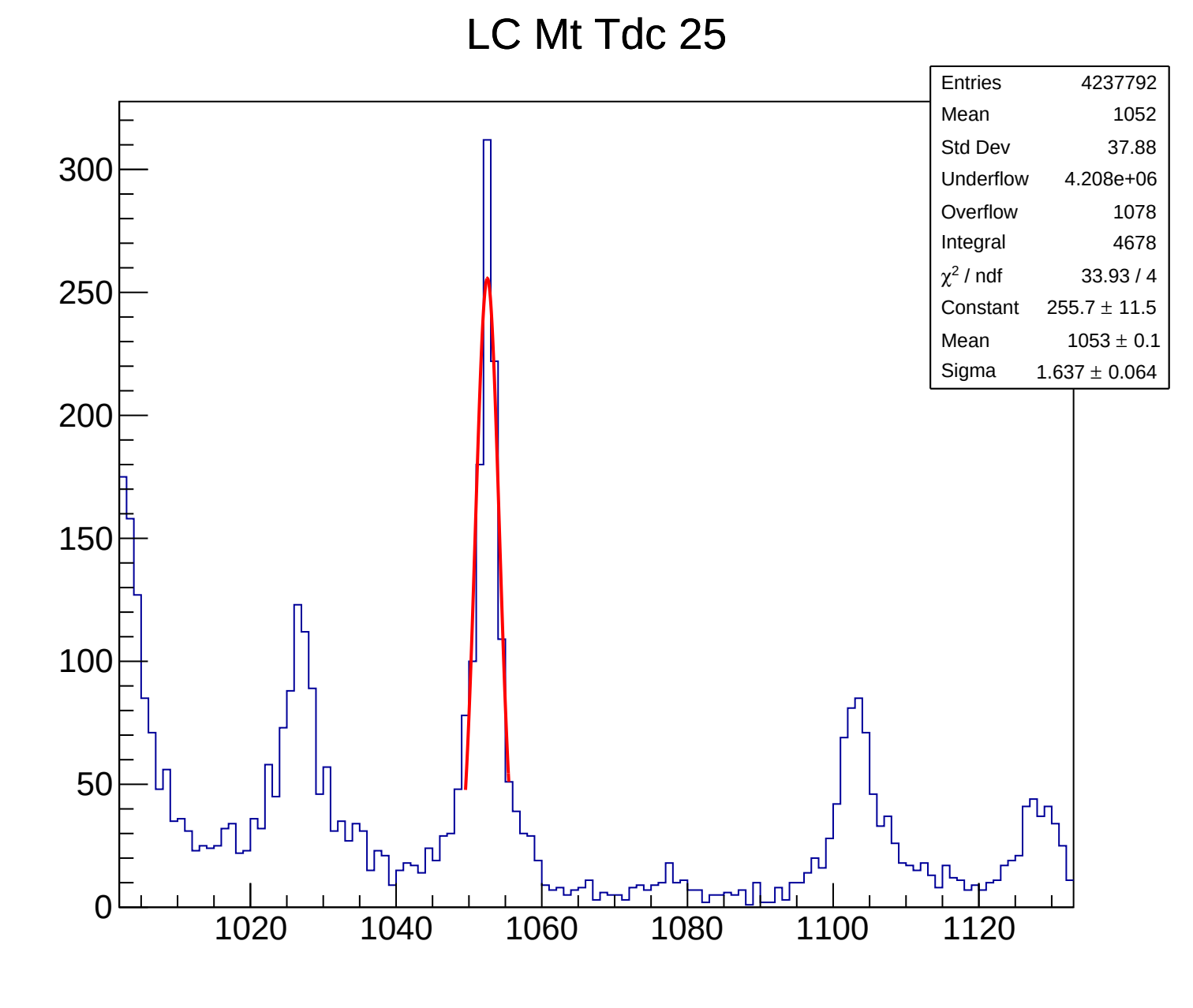

LC Mt Tdc 20
Entries 4237792
Mean 1067
Std Dev 37.7
Underflow 4.088e+06
Overflow 5877
Integral 1.794e+04
χ² / ndf 150.1 / 4
Constant 1428 ± 29.5
Mean 1058 ± 0.0
Sigma 1.351 ± 0.021
1600
1400
1200
1000
800
600
400
200
0
1020
1040
1060
1080
1100
1120

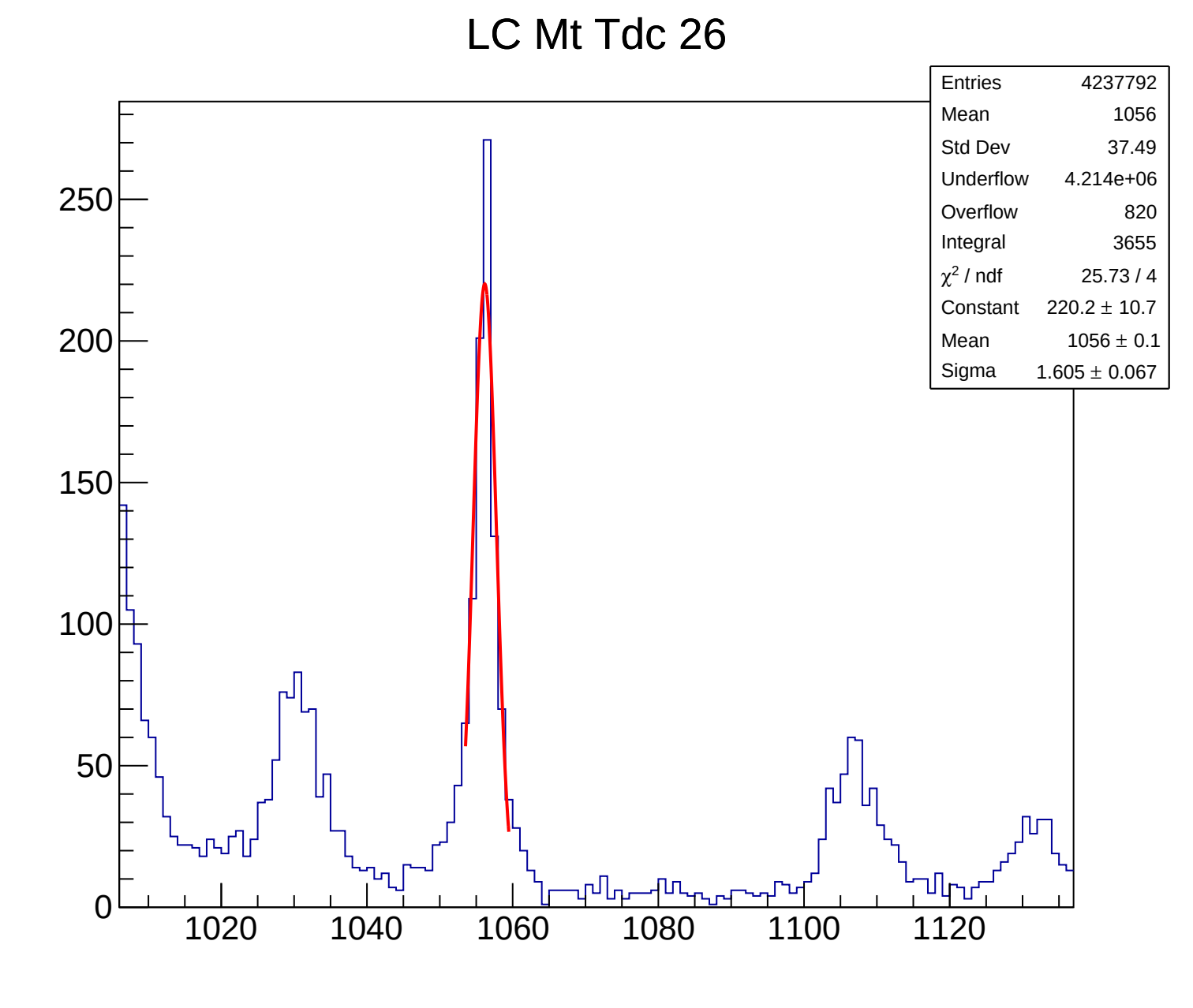

LC Mt Tdc 21
Entries 4237792
Mean 1063
Std Dev 37.51
Underflow 4.138e+06
Overflow 3779
Integral 1.298e+04
χ² / ndf 147.8 / 4
Constant 1006 ± 24.7
Mean 1056 ± 0.0
Sigma 1.436 ± 0.029
1200
1000
800
600
400
200
0
1020
1040
1060
1080
1100
1120

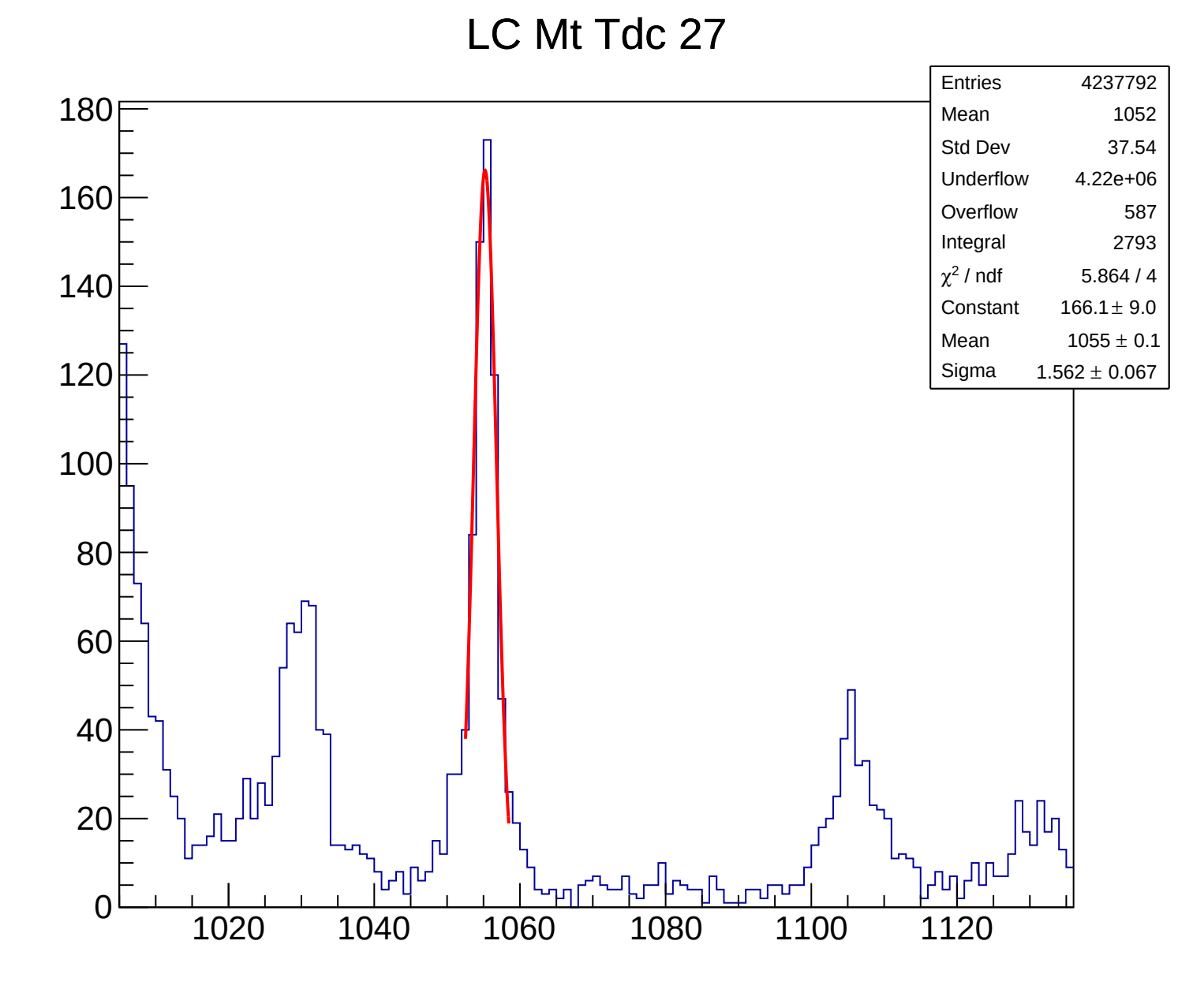

LC Mt Tdc 22
Entries 4237792
Mean 1062
Std Dev 37.95
Underflow 4.19e+06
Overflow 1765
Integral 6520
χ² / ndf 26.94 / 4
Constant 492.8 ± 16.4
Mean 1057 ± 0.0
Sigma 1.374 ± 0.034
500
400
300
200
100
0
1020
1040
1060
1080
1100
1120

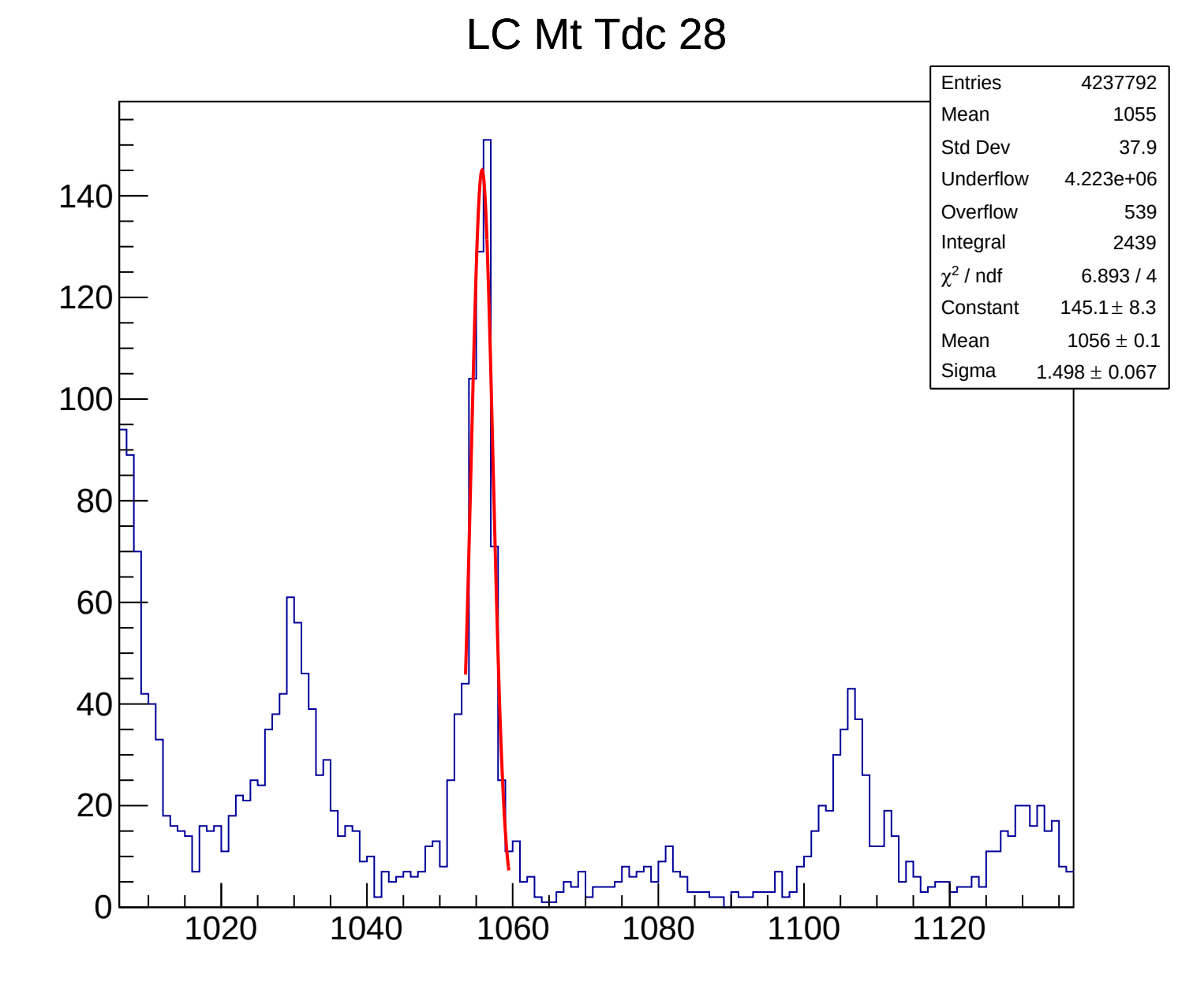

LC Mt Tdc 23
Entries 4237792
Mean 1056
Std Dev 37.73
Underflow 4.18e+06
Overflow 2110
Integral 8386
χ² / ndf 53.41 / 4
Constant 506.8 ± 16.4
Mean 1054 ± 0.0
Sigma 1.568 ± 0.043
600
500
400
300
200
100
0
1020
1040
1060
1080
1100
1120


LC Mt Tdc 24
Entries 4237792
Mean 1058
Std Dev 38.13
Underflow 4.206e+06
Overflow 1150
Integral 4760
χ² / ndf 9.48 / 4
Constant 301.6 ± 12.1
Mean 1056 ± 0.0
Sigma 1.513 ± 0.047
300
250
200
150
100
50
0
1020
1040
1060
1080
1100
1120


LC Mt Tdc 25
Entries 4237792
Mean 1052
Std Dev 37.88
Underflow 4.208e+06
Overflow 1078
Integral 4678
χ² / ndf 33.93 / 4
Constant 255.7 ± 11.5
Mean 1053 ± 0.1
Sigma 1.637 ± 0.064
300
250
200
150
100
50
0
1020
1040
1060
1080
1100
1120


LC Mt Tdc 26
Entries 4237792
Mean 1056
Std Dev 37.49
Underflow 4.214e+06
Overflow 820
Integral 3655
χ² / ndf 25.73 / 4
Constant 220.2 ± 10.7
Mean 1056 ± 0.1
Sigma 1.605 ± 0.067
250
200
150
100
50
0
1020
1040
1060
1080
1100
1120


LC Mt Tdc 27
Entries 4237792
Mean 1052
Std Dev 37.54
Underflow 4.22e+06
Overflow 587
Integral 2793
χ² / ndf 5.864 / 4
Constant 166.1 ± 9.0
Mean 1055 ± 0.1
Sigma 1.562 ± 0.067
180
160
140
120
100
80
60
40
20
0
1020
1040
1060
1080
1100
1120


LC Mt Tdc 28
Entries 4237792
Mean 1055
Std Dev 37.9
Underflow 4.223e+06
Overflow 539
Integral 2439
χ² / ndf 6.893 / 4
Constant 145.1 ± 8.3
Mean 1056 ± 0.1
Sigma 1.498 ± 0.067
140
120
100
80
60
40
20
0
1020
1040
1060
1080
1100
1120