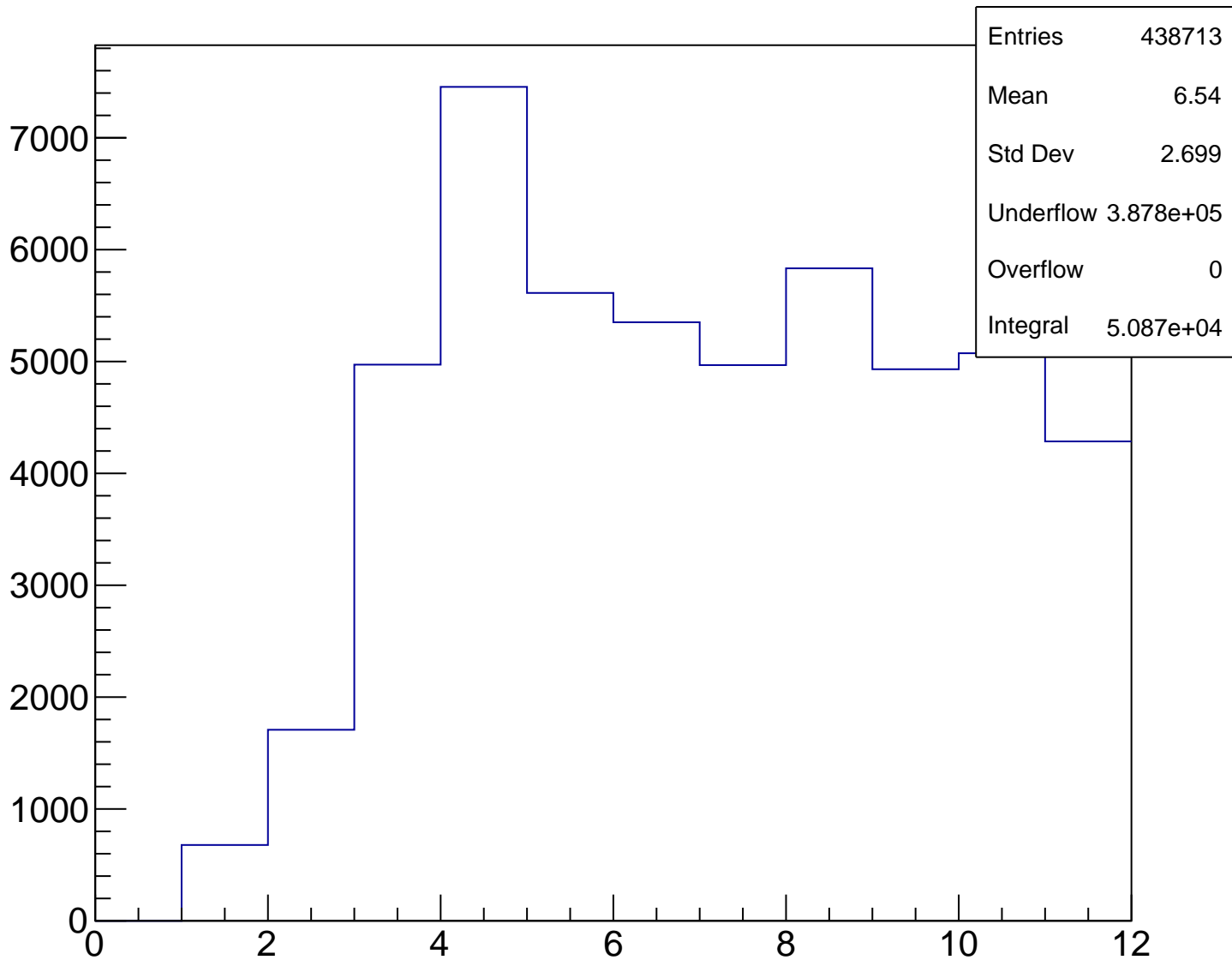
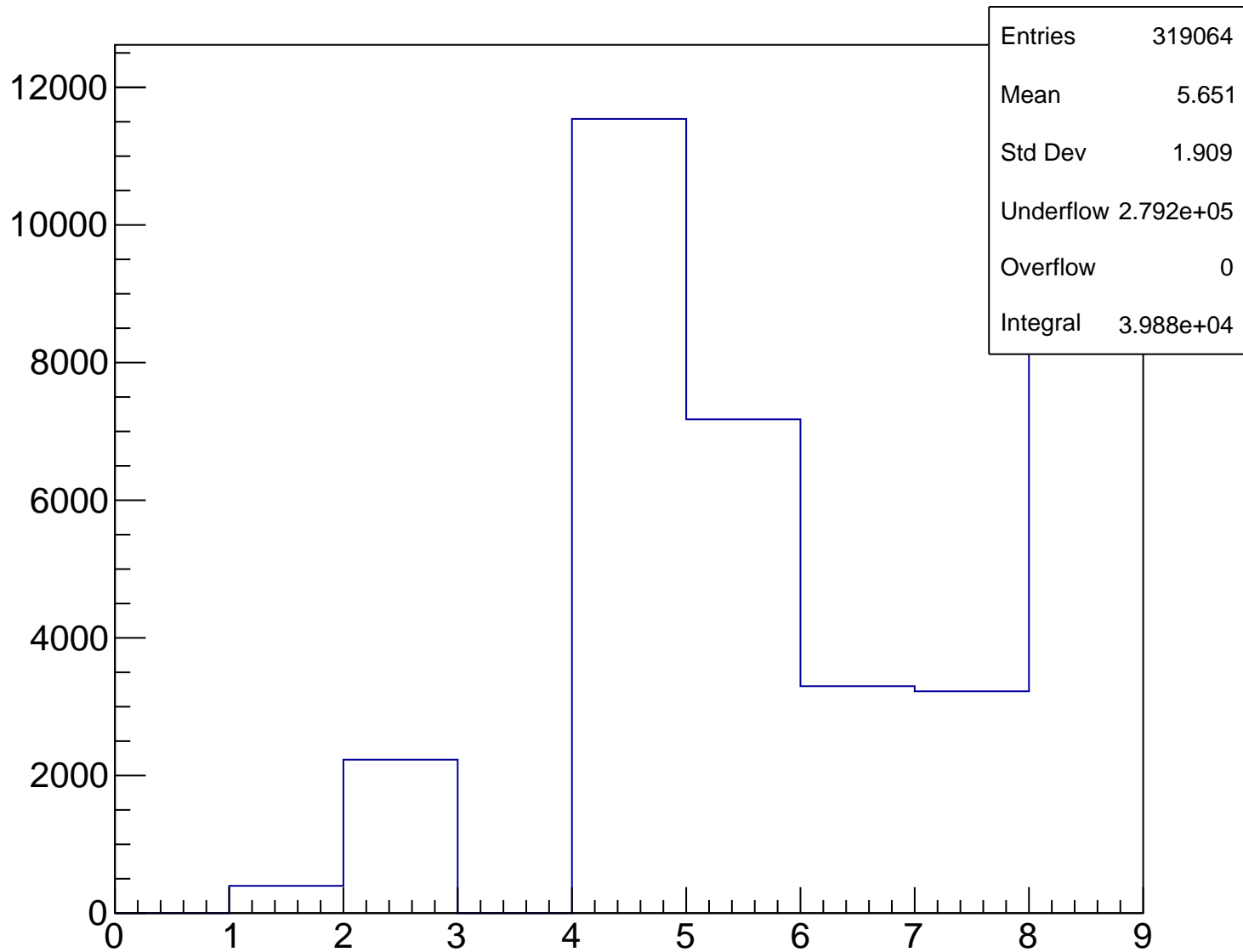


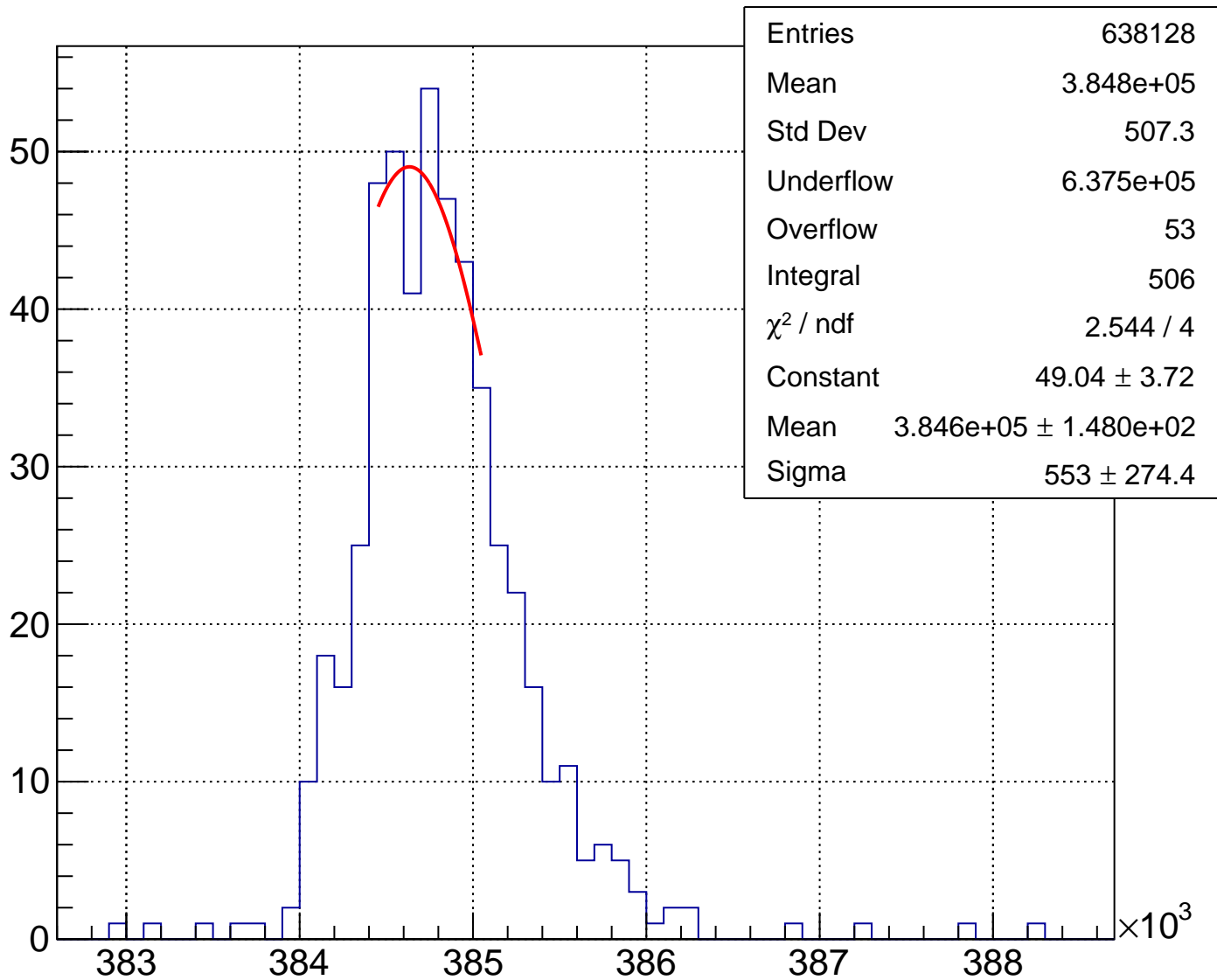
BH1HitPat



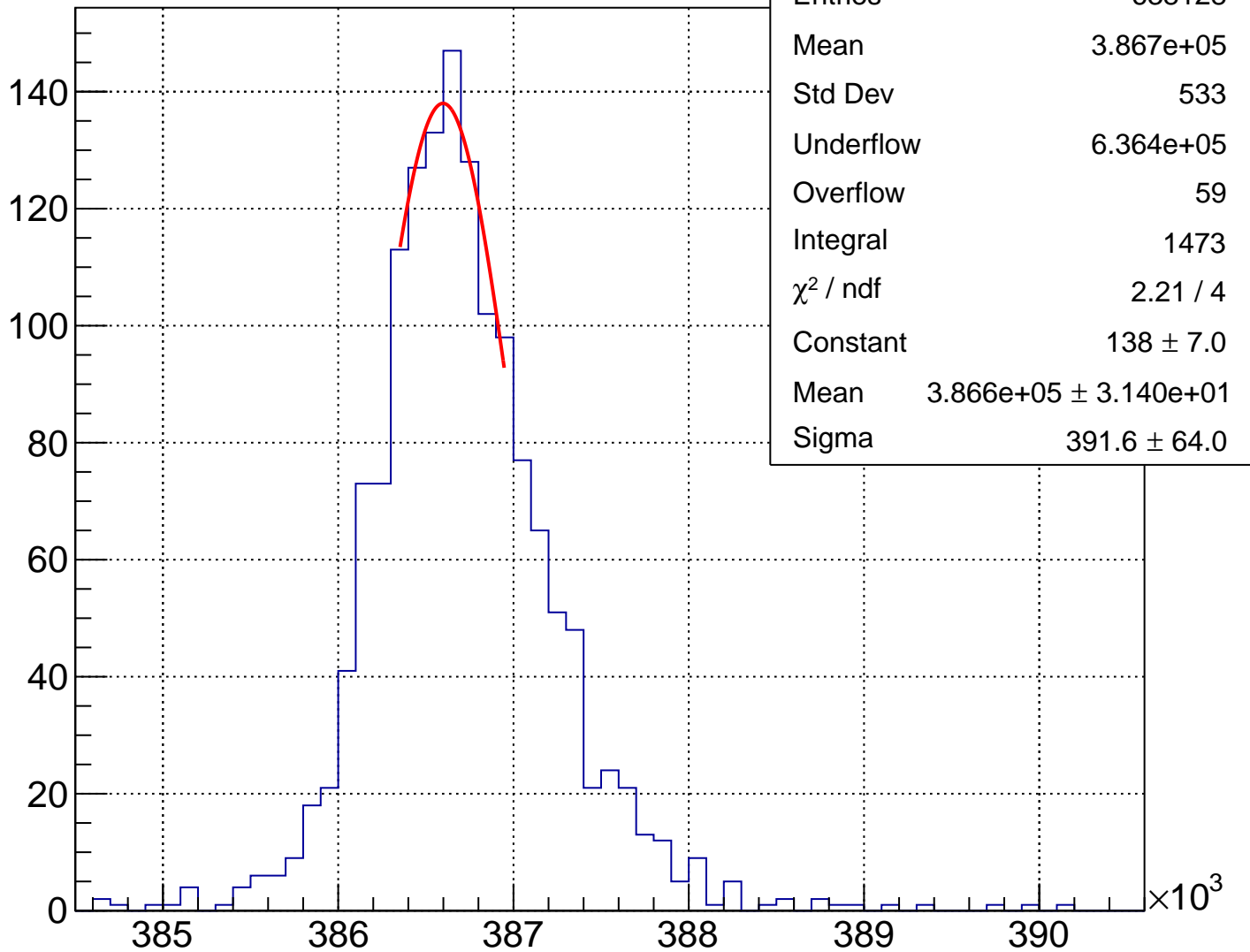
BH2HitPat



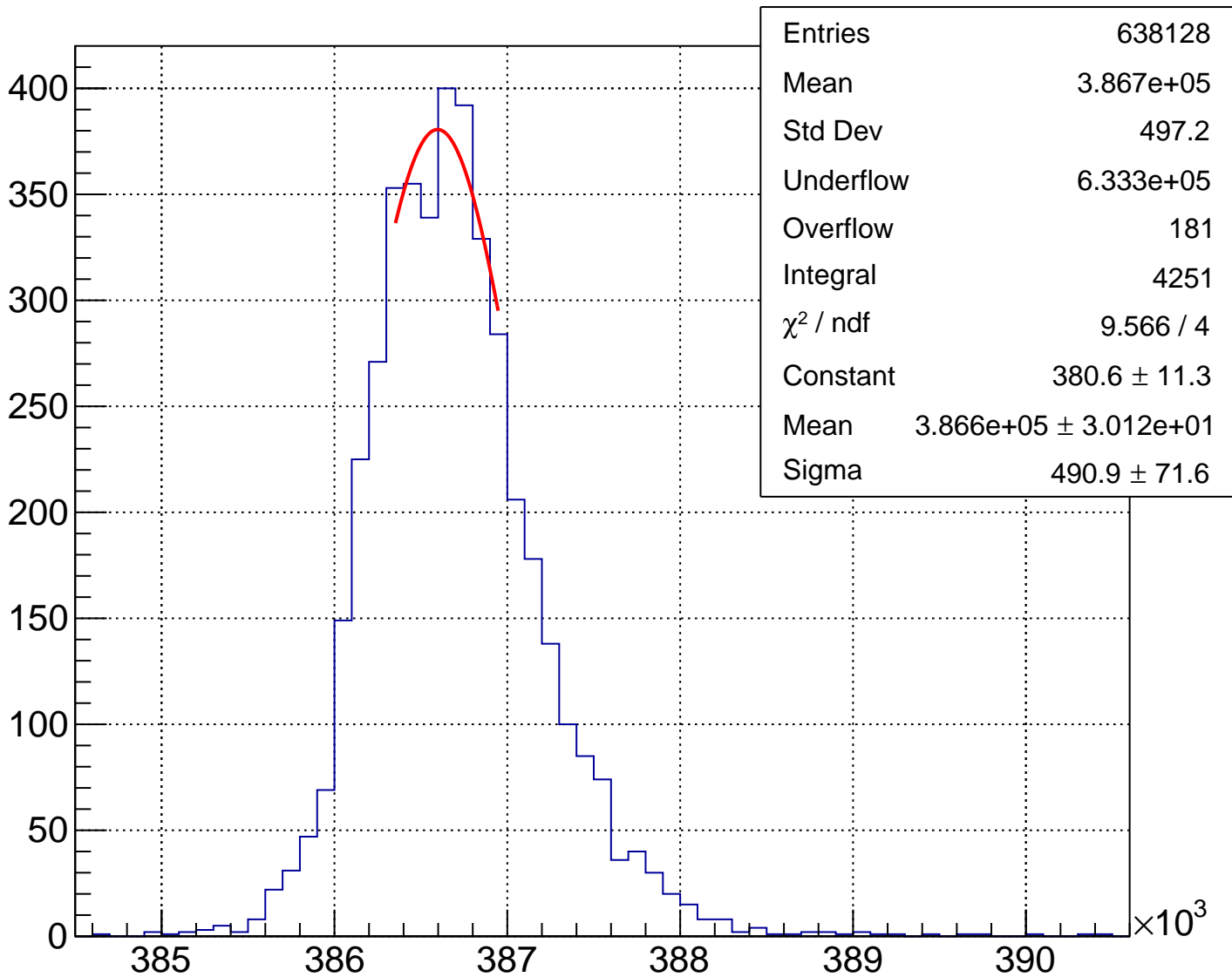
BH1_1UT



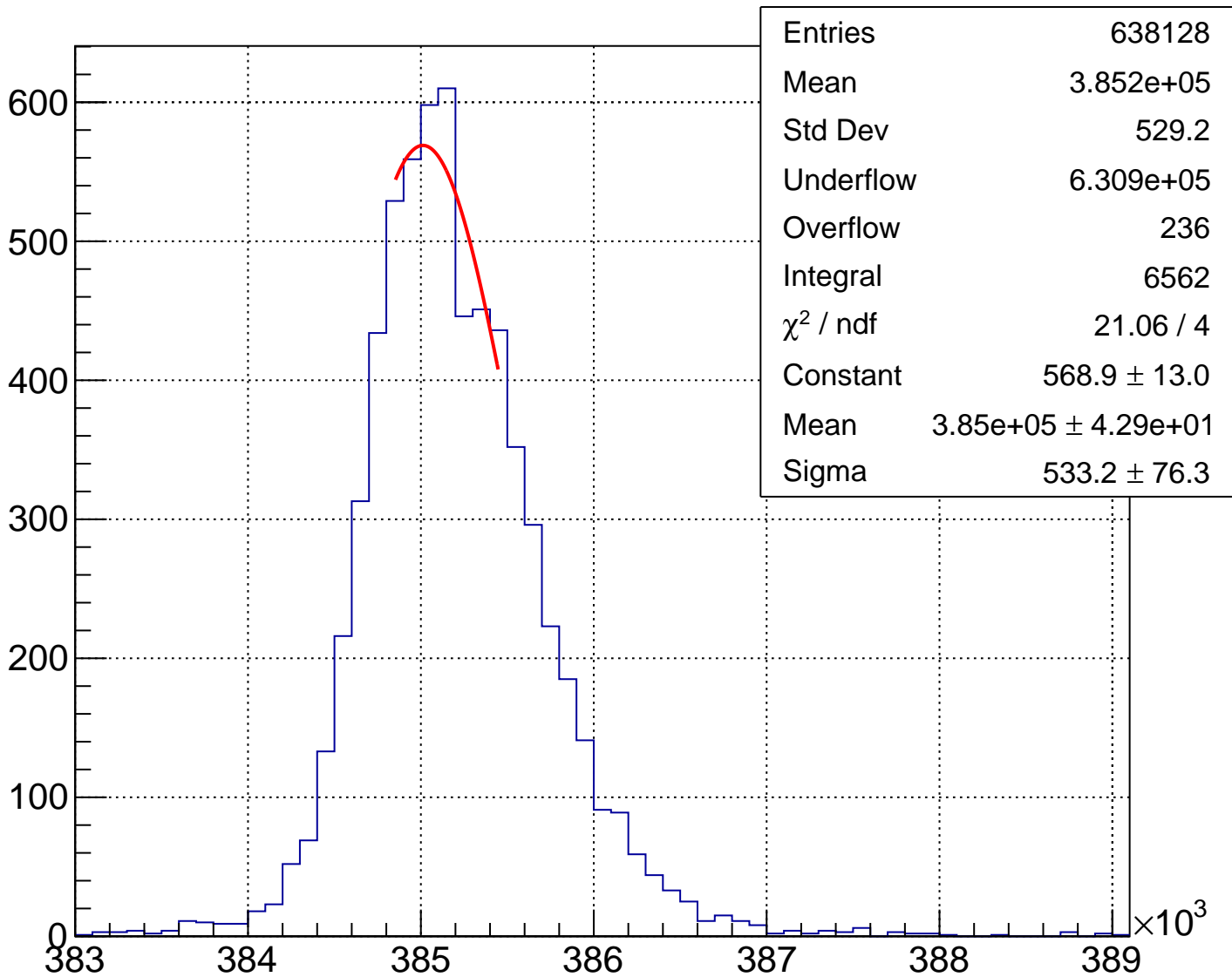
BH1_2UT



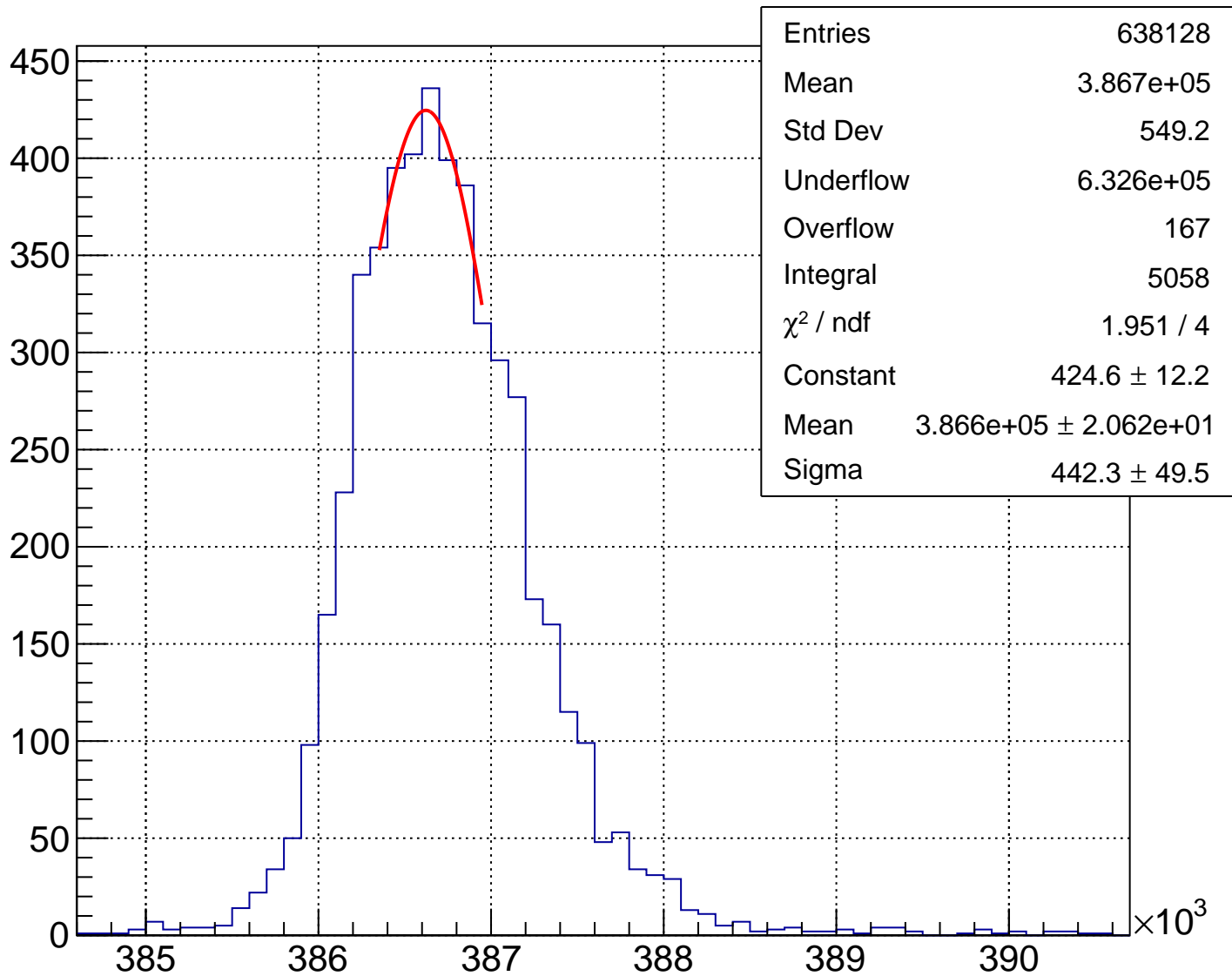
BH1_3UT



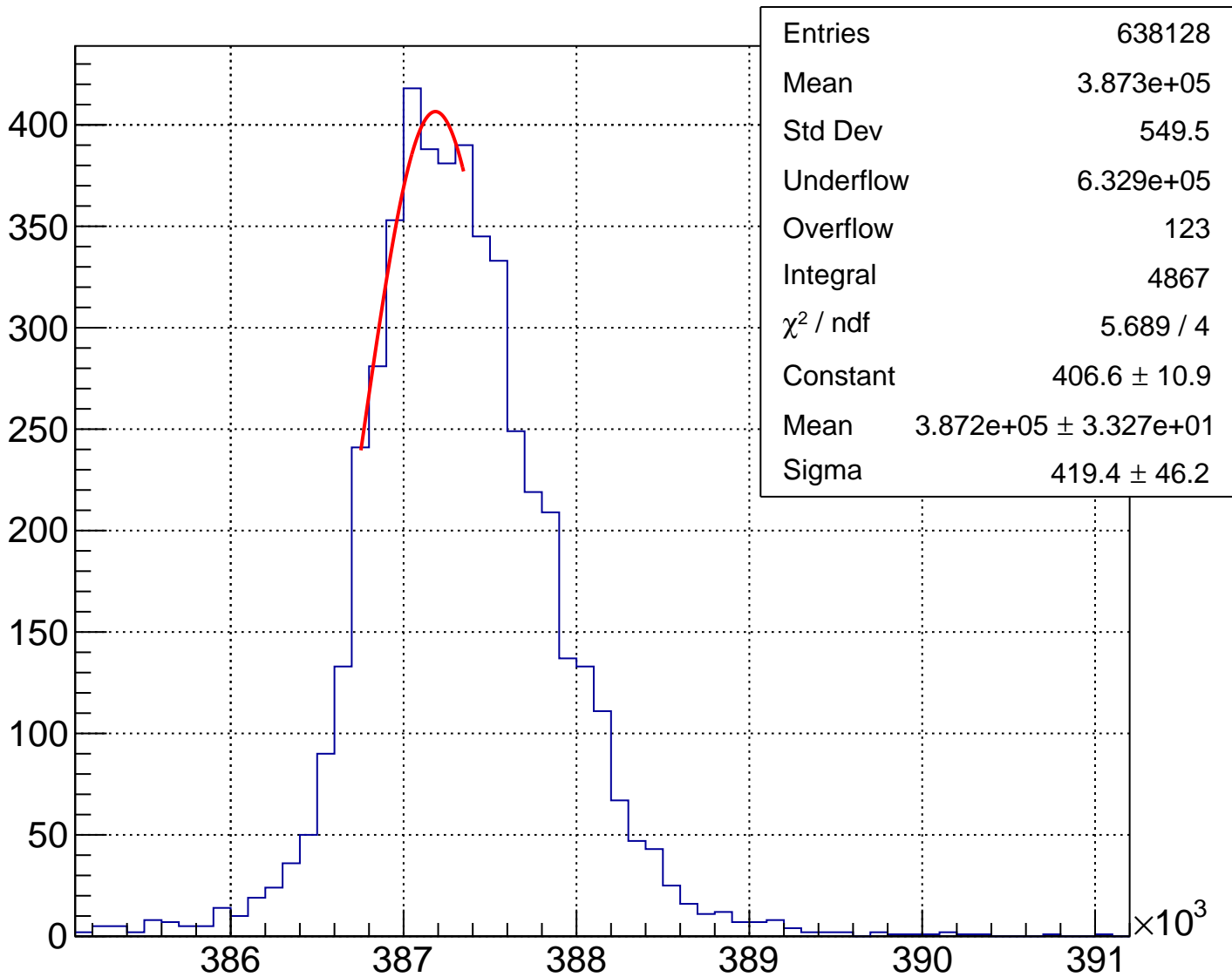
BH1_4UT



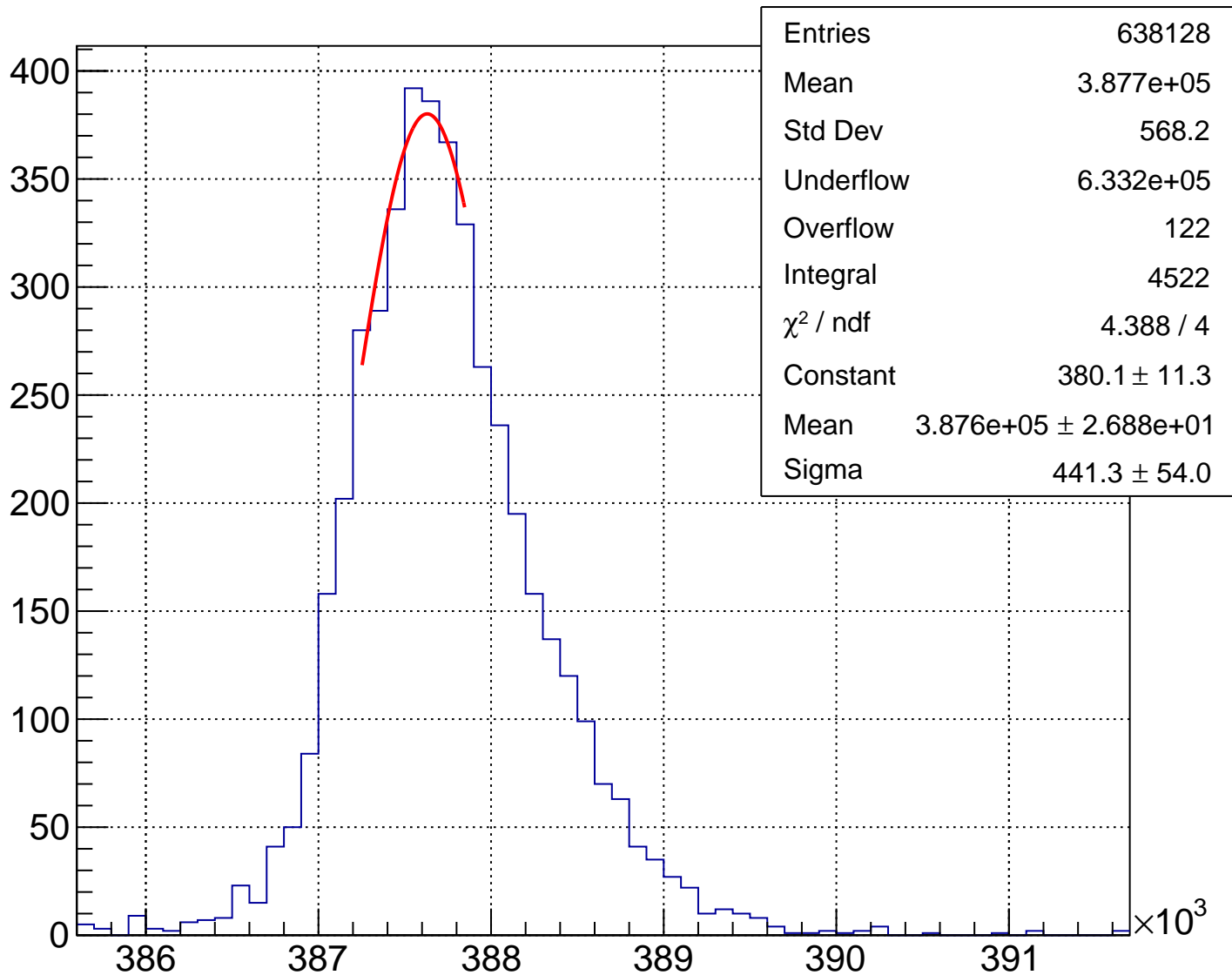
BH1_5UT



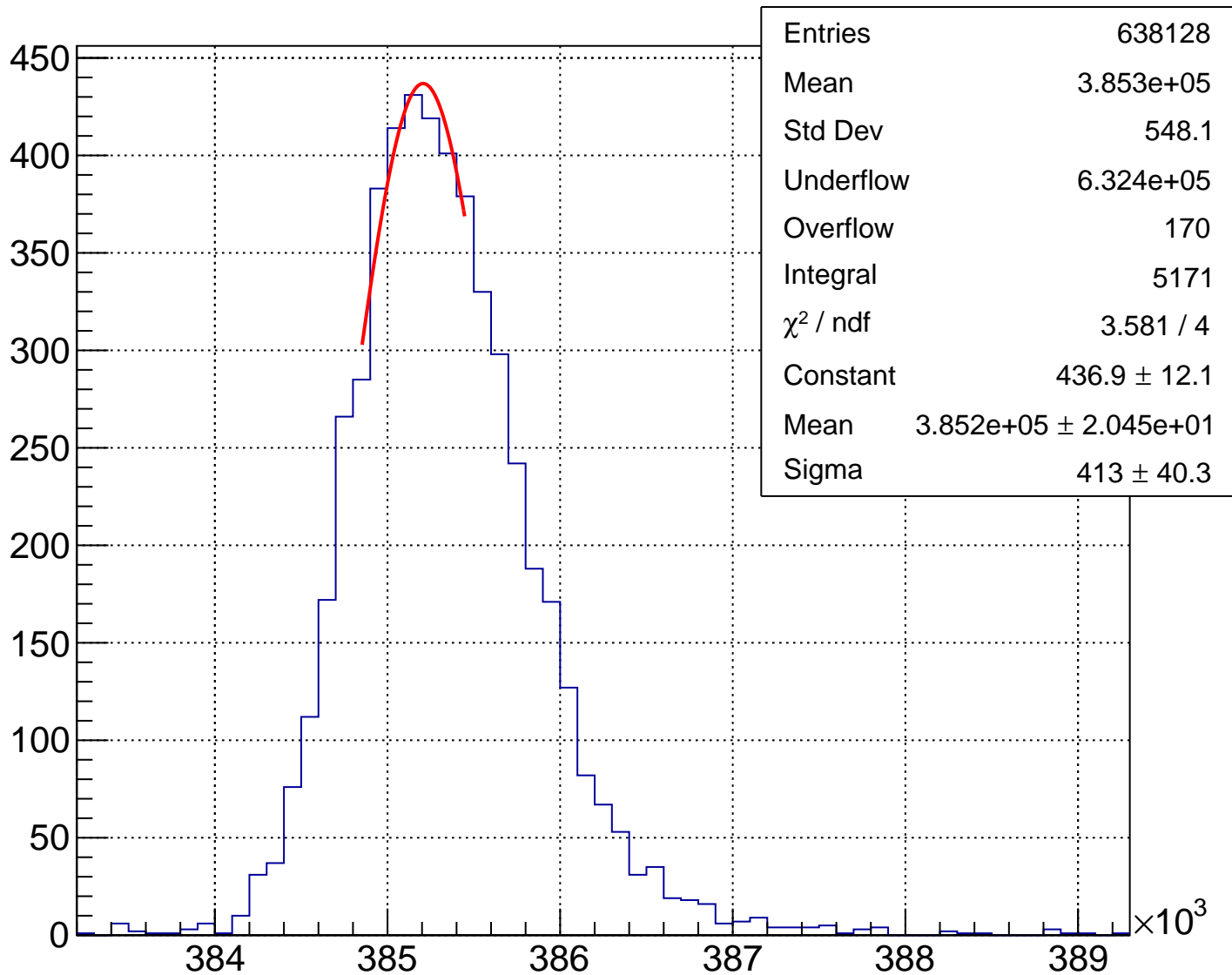
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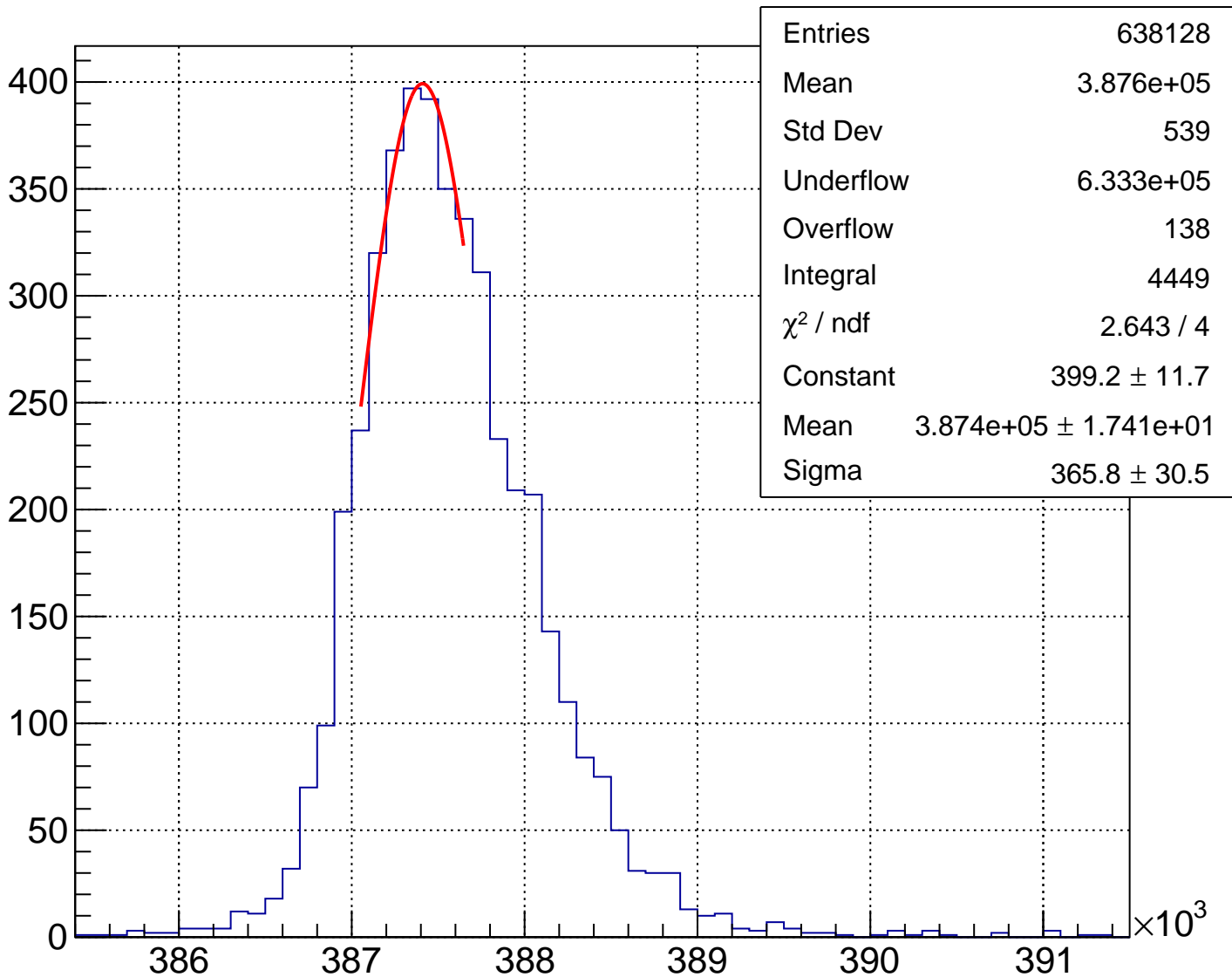
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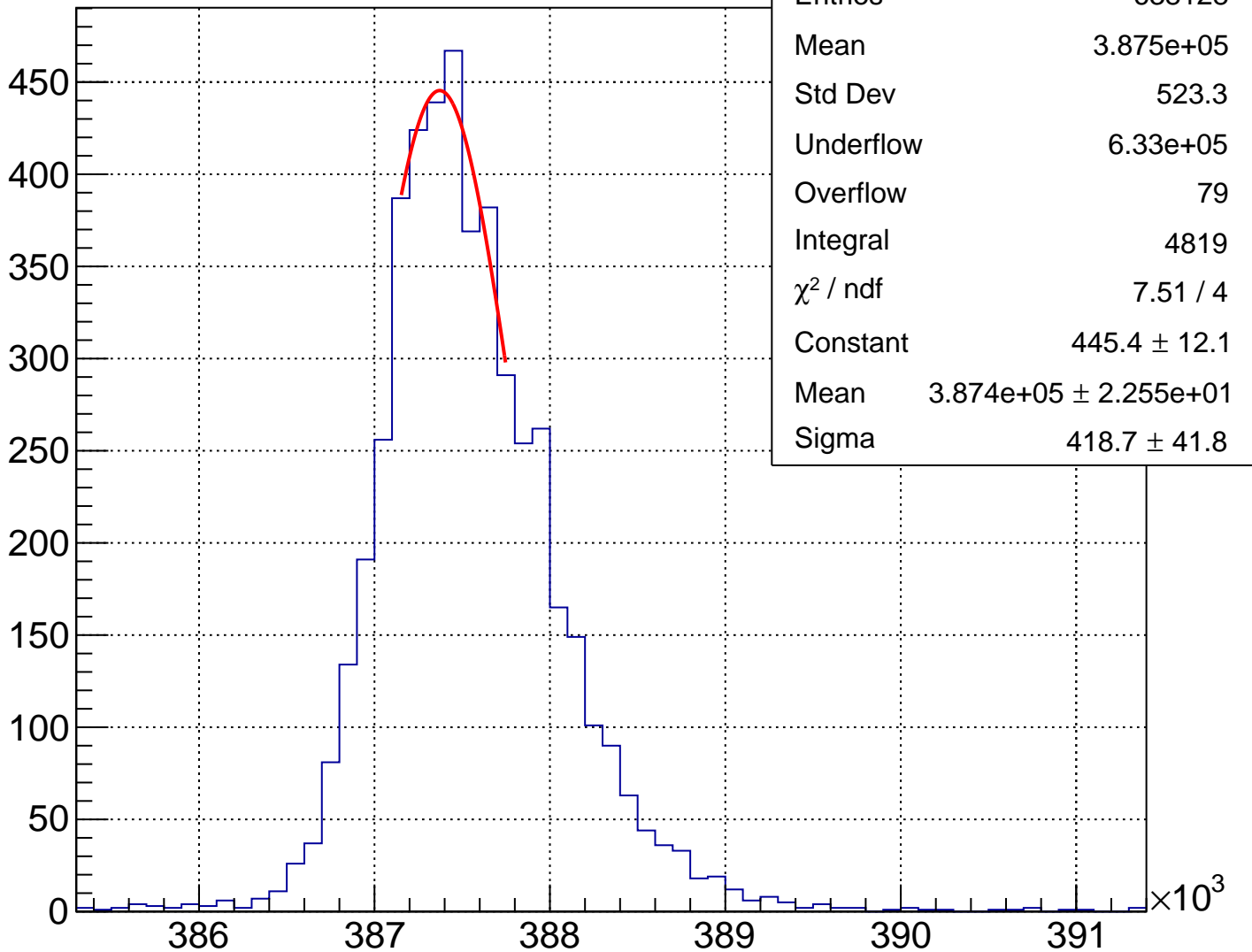
BH1_8UT



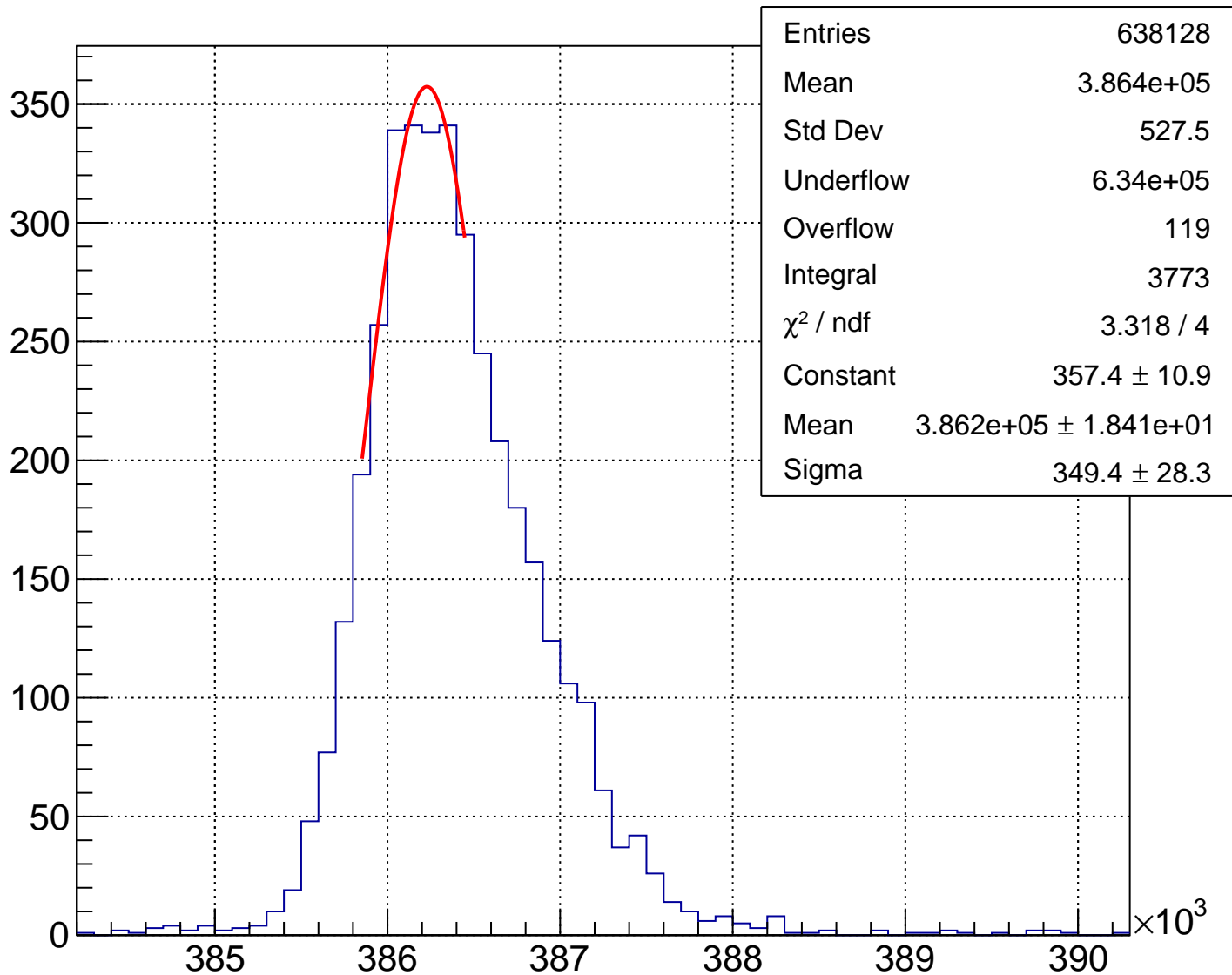
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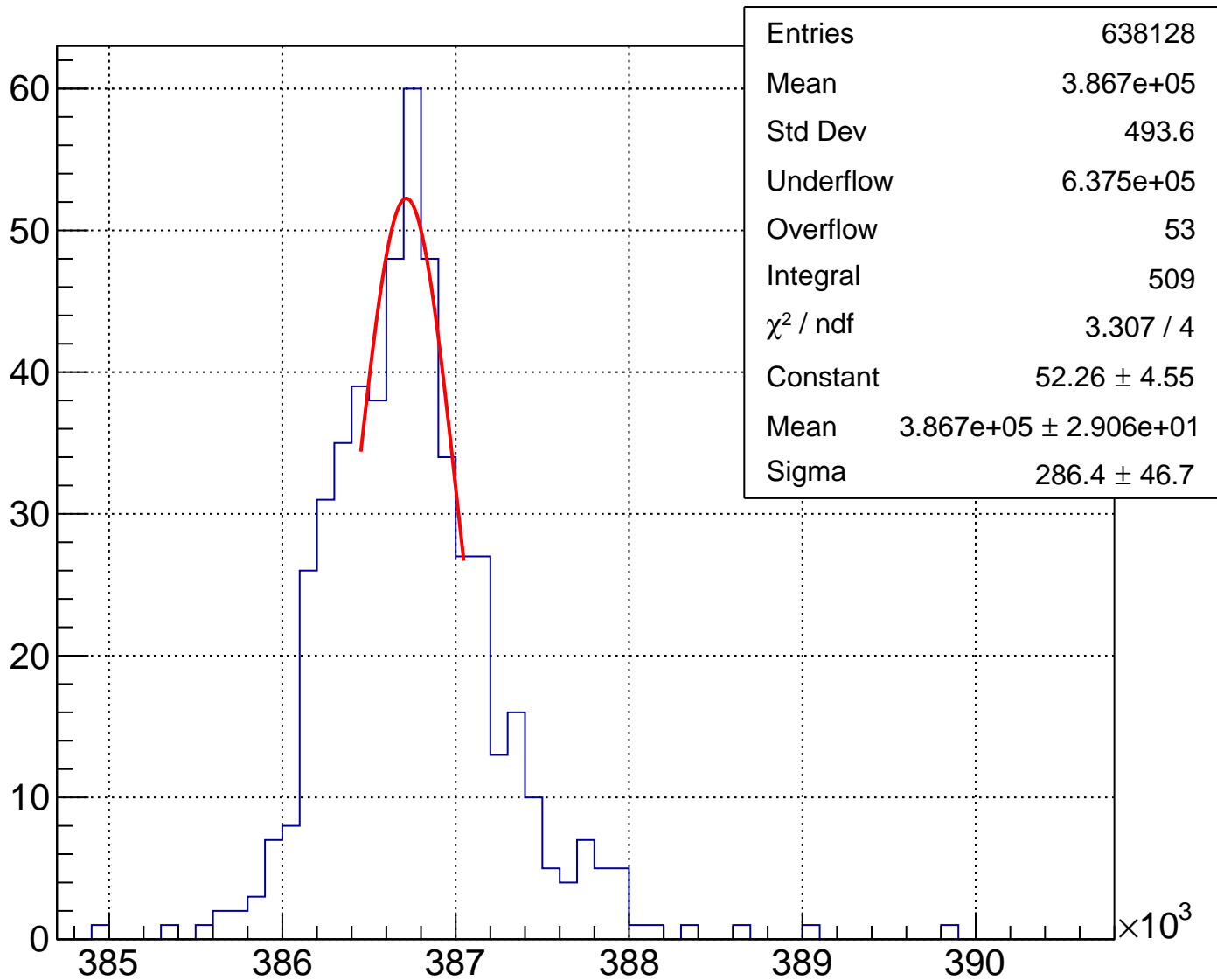
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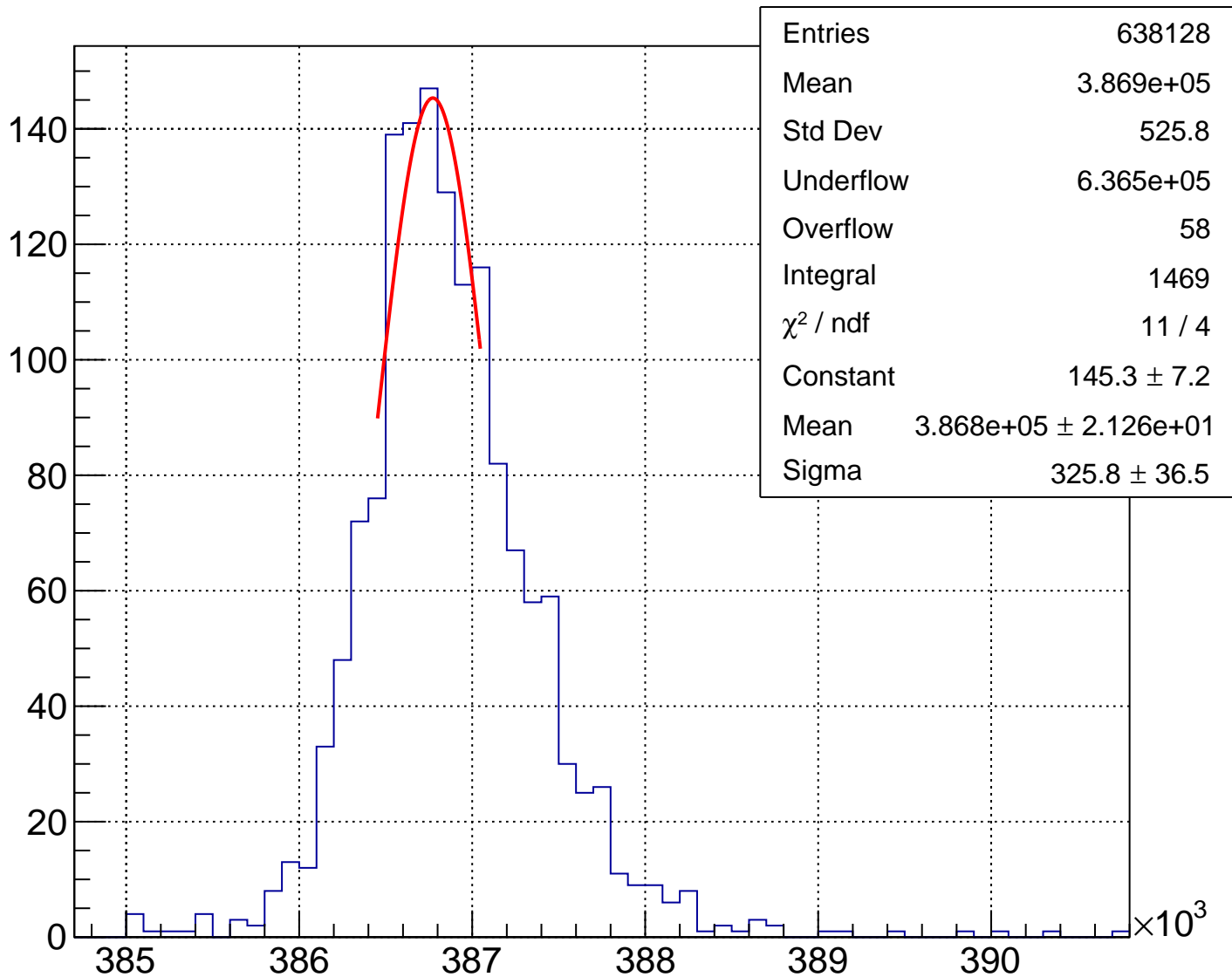
BH1_11UT



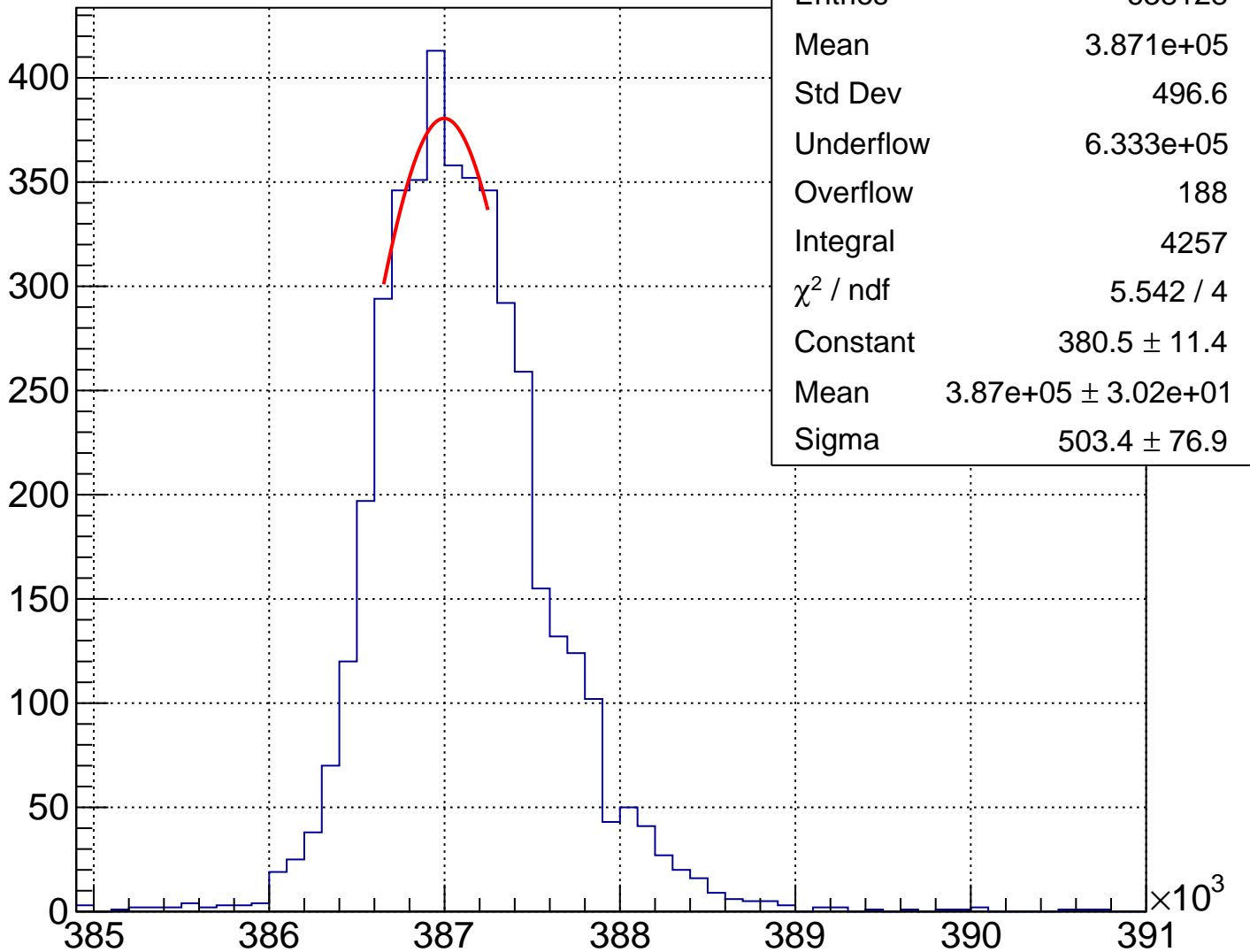
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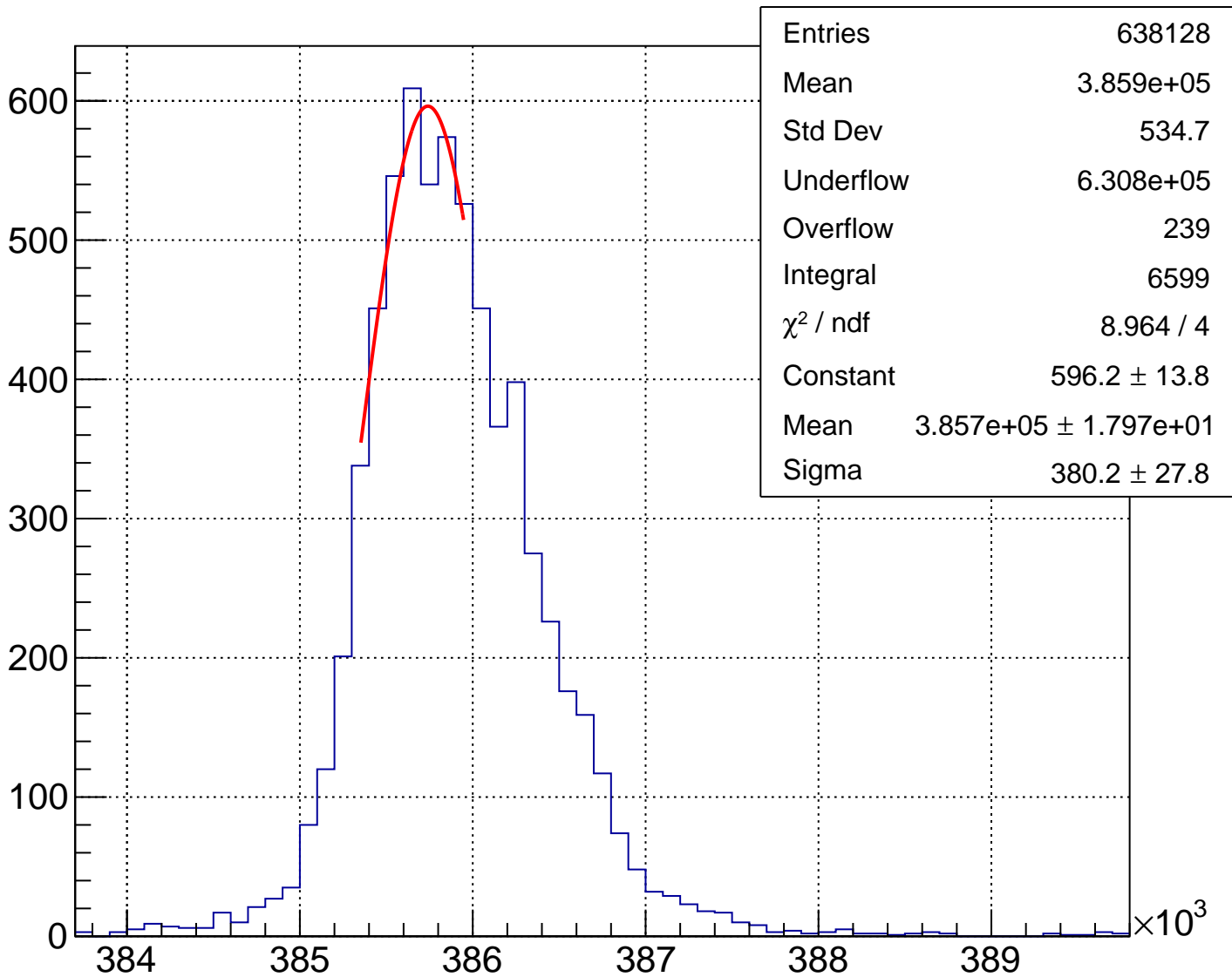
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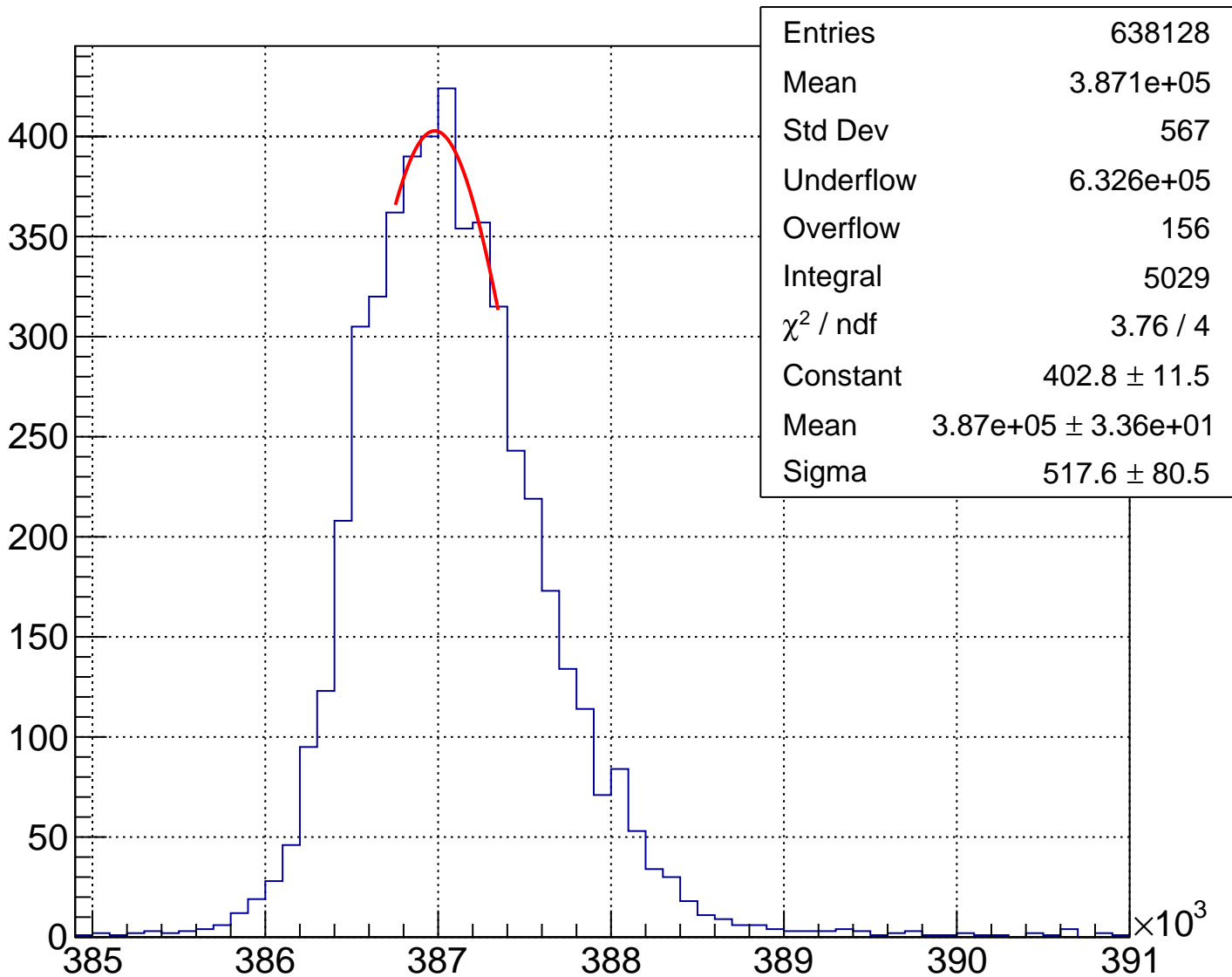
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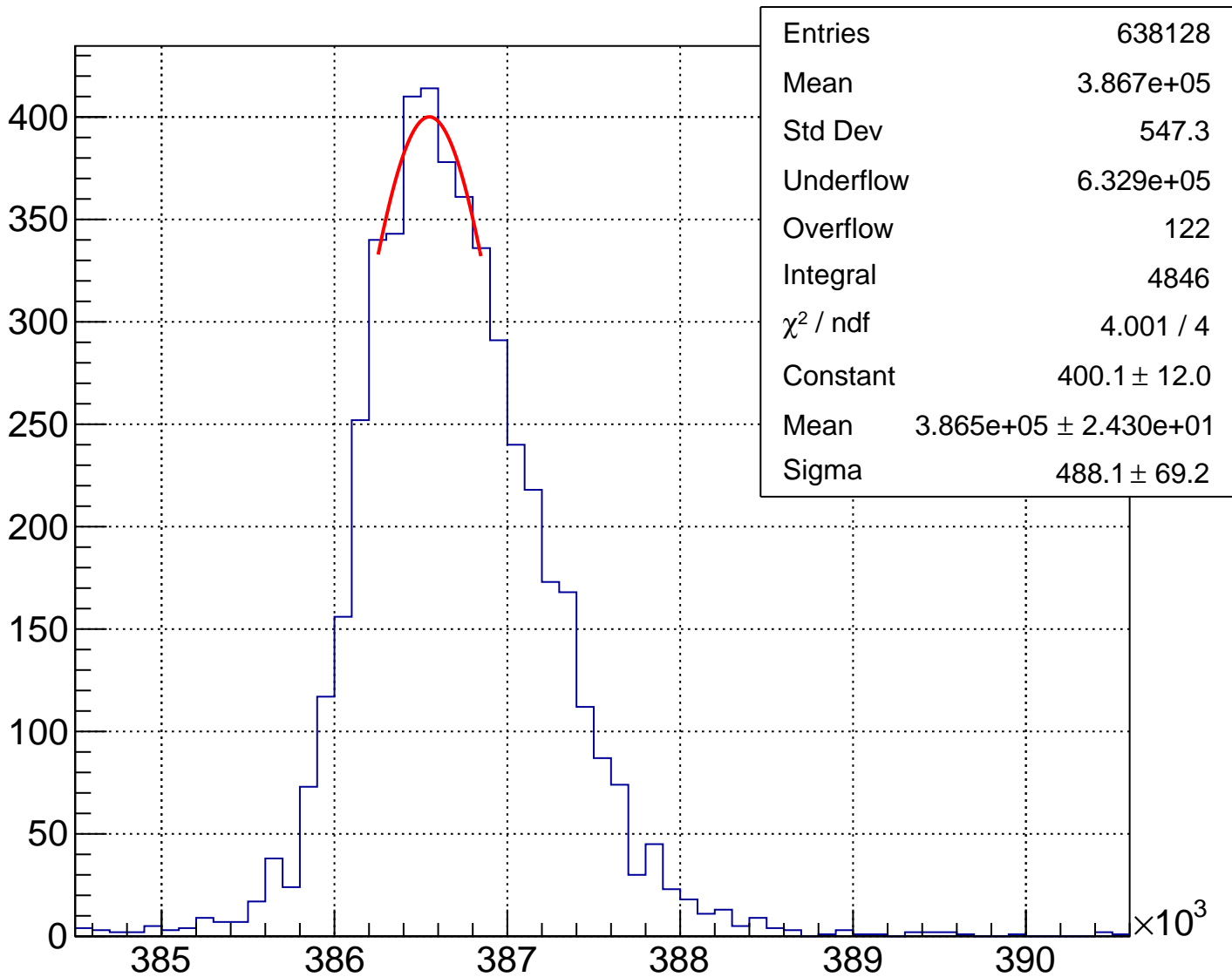
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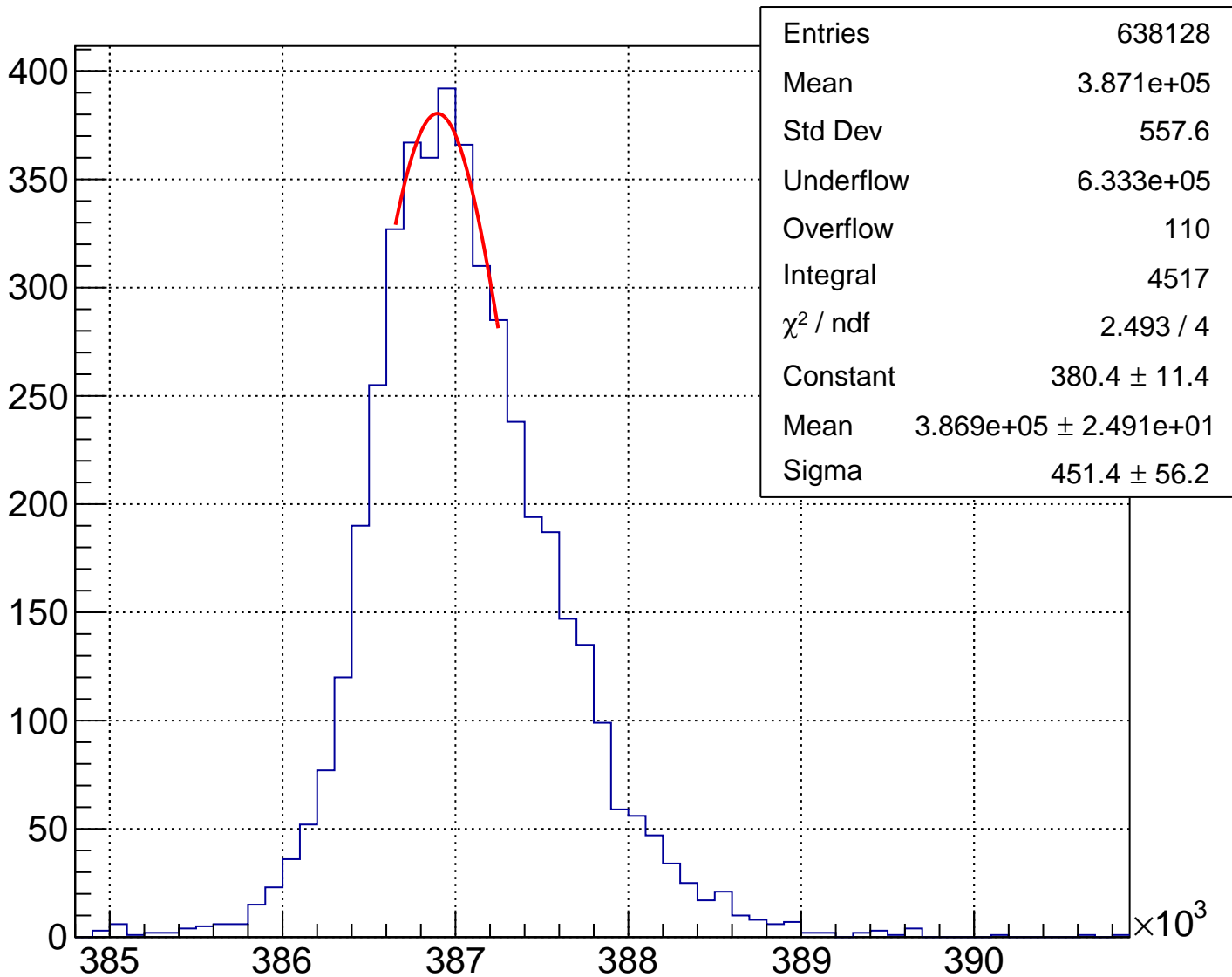
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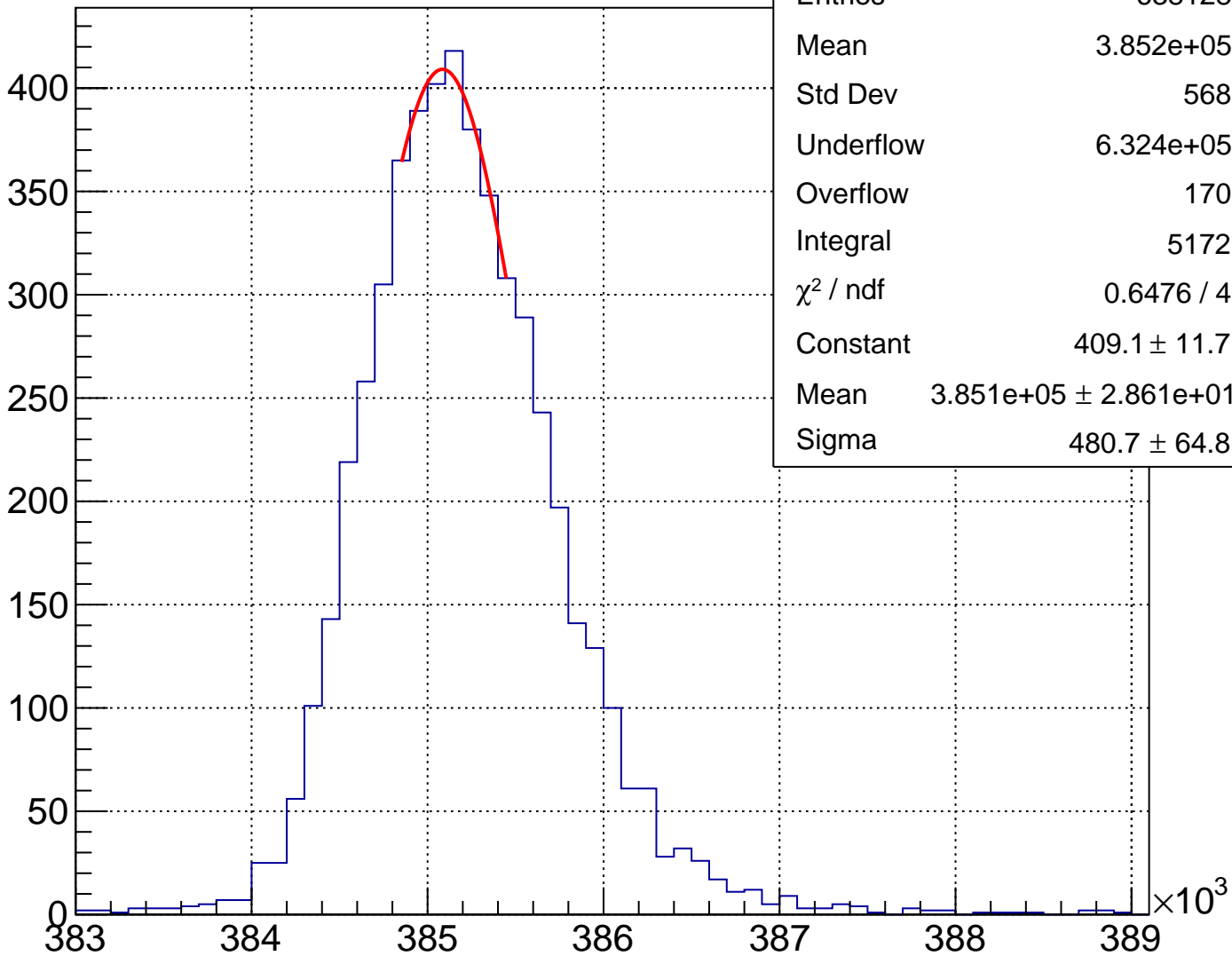
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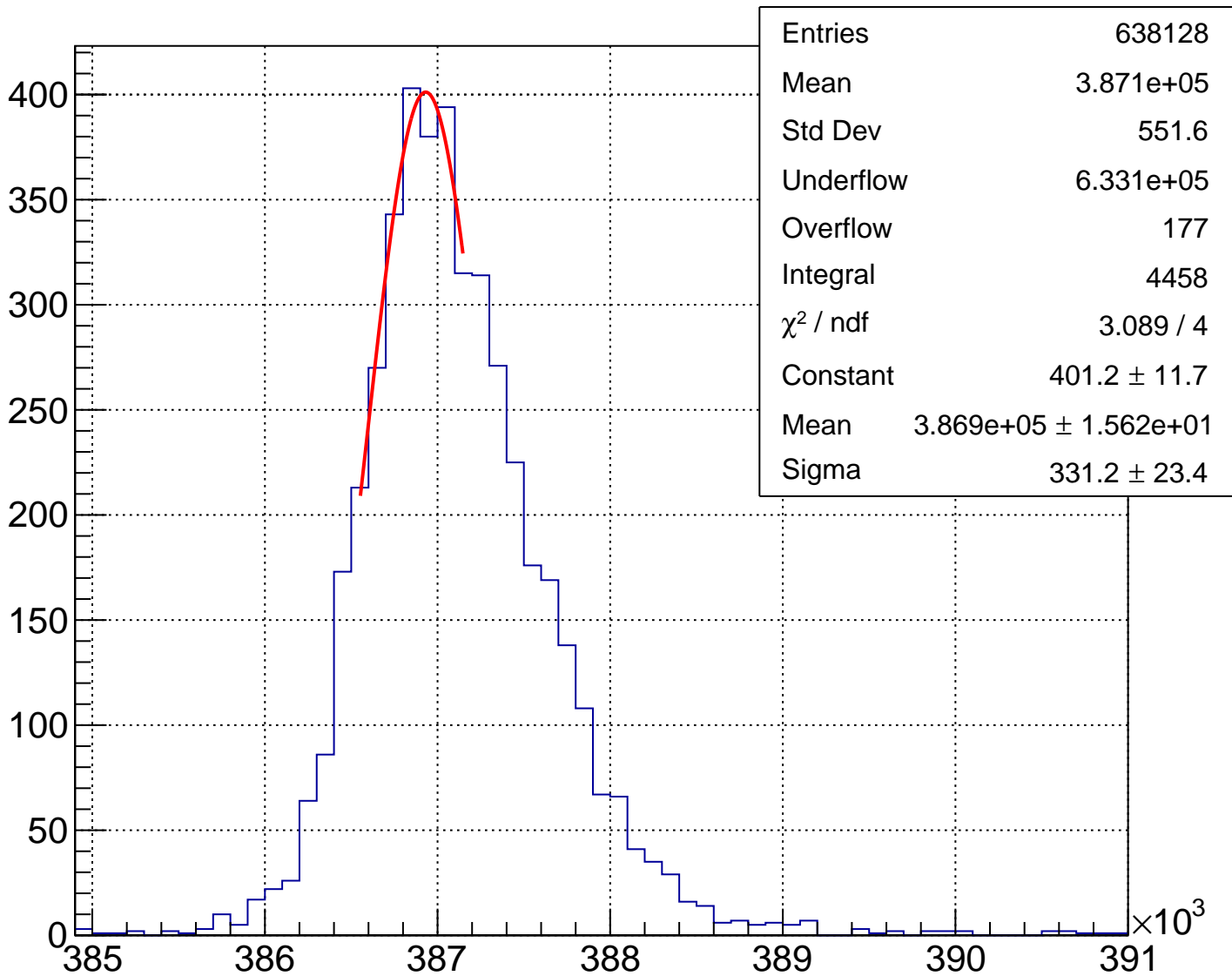
BH1_7DT



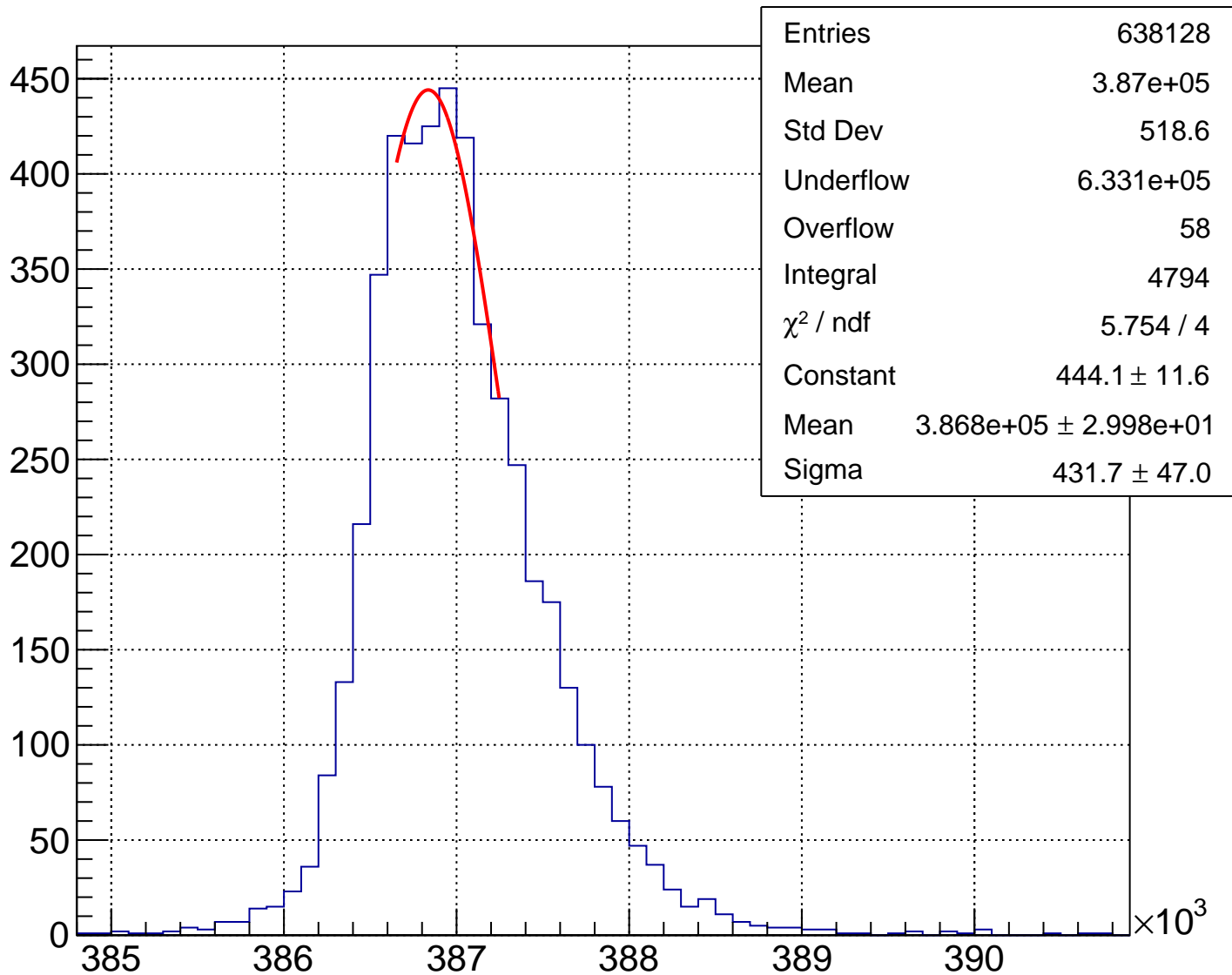
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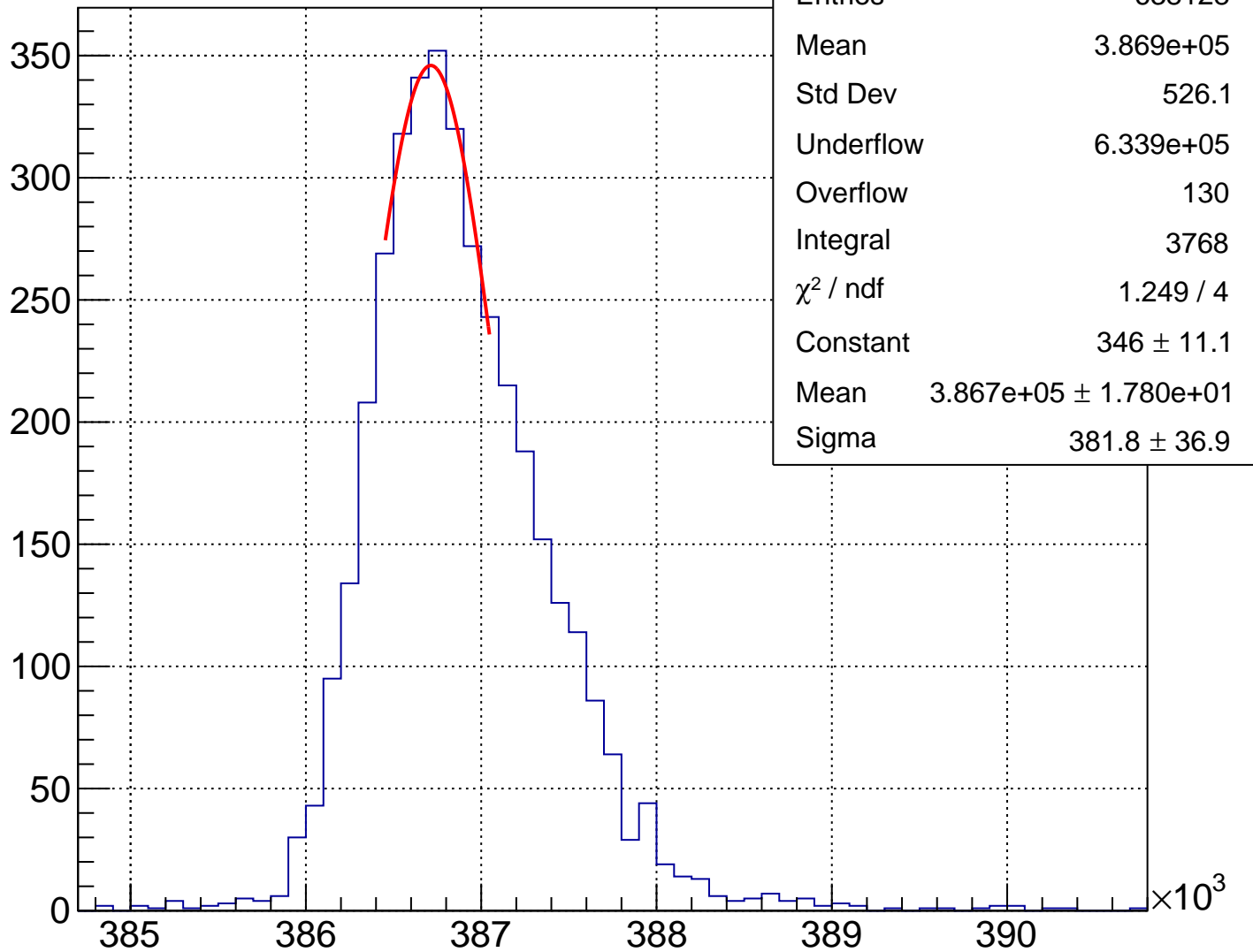
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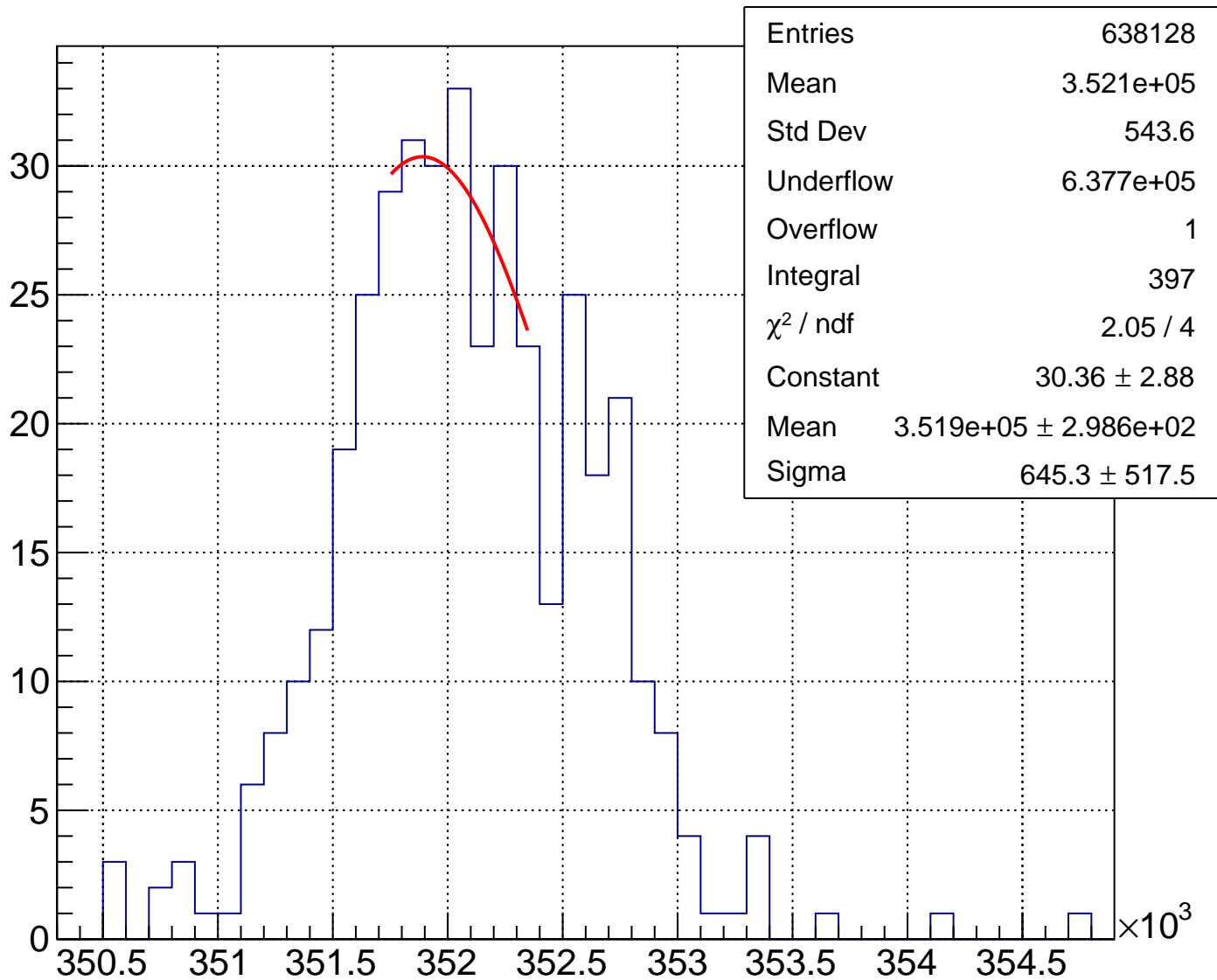
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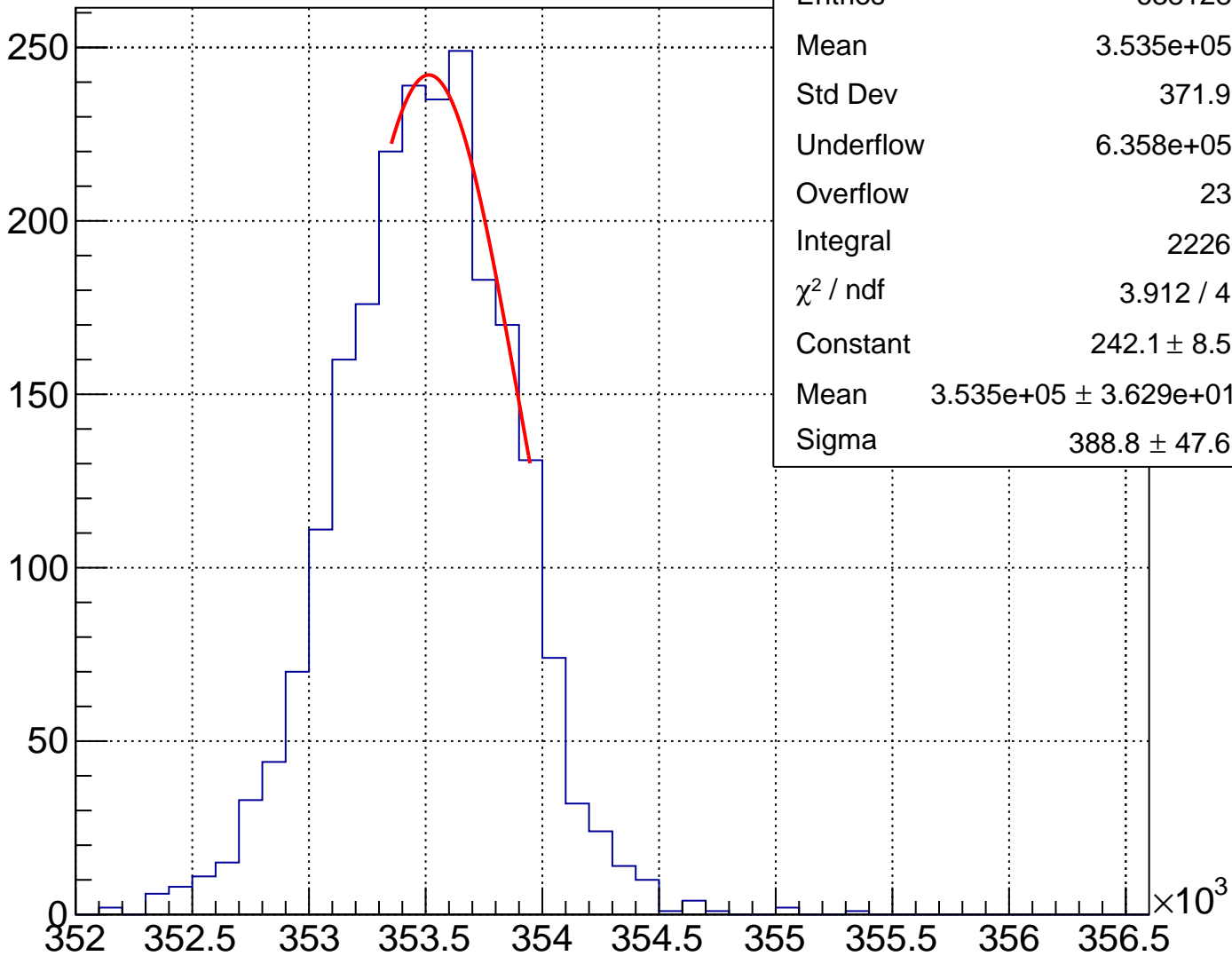
BH1_11DT



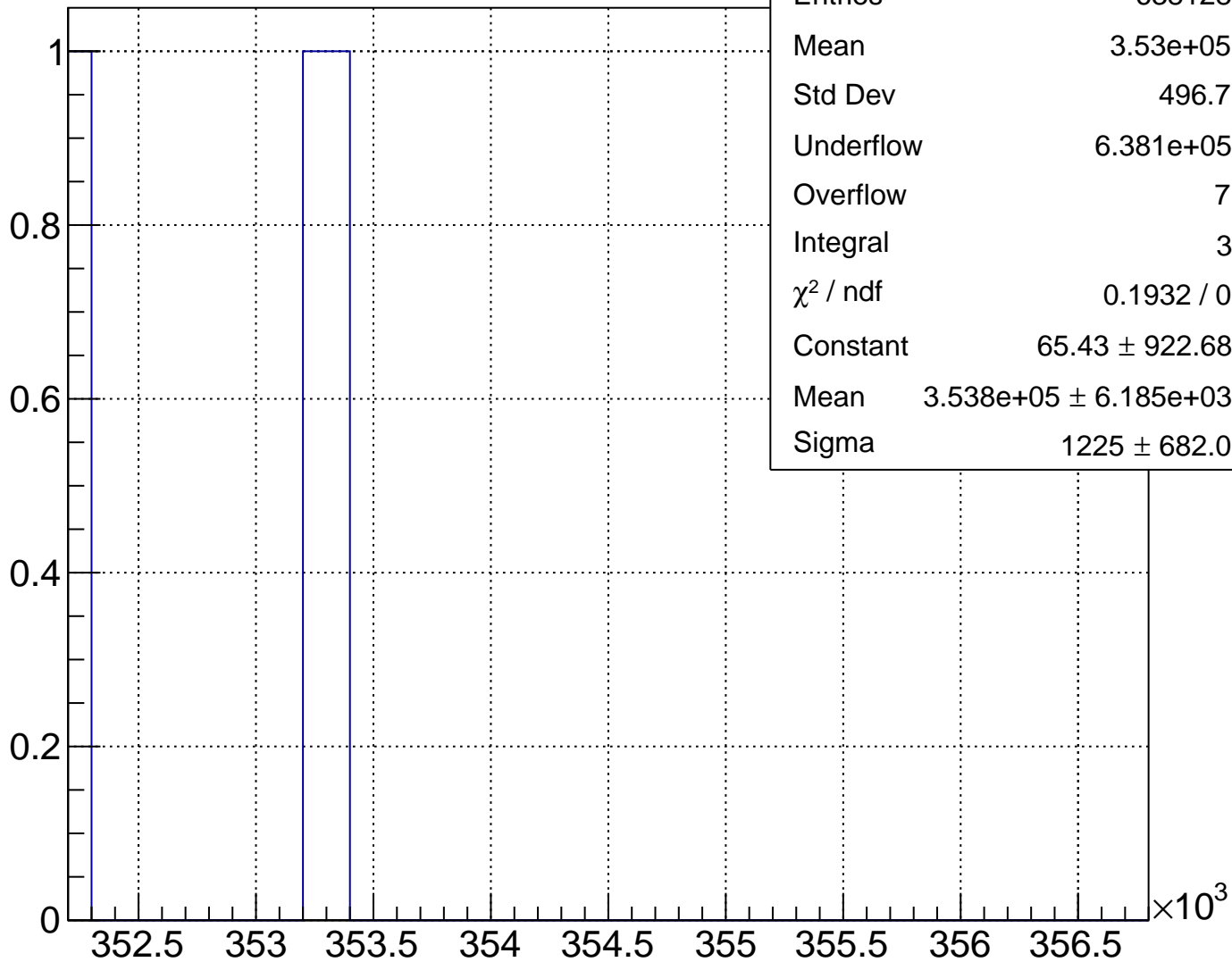
BH2_1UT



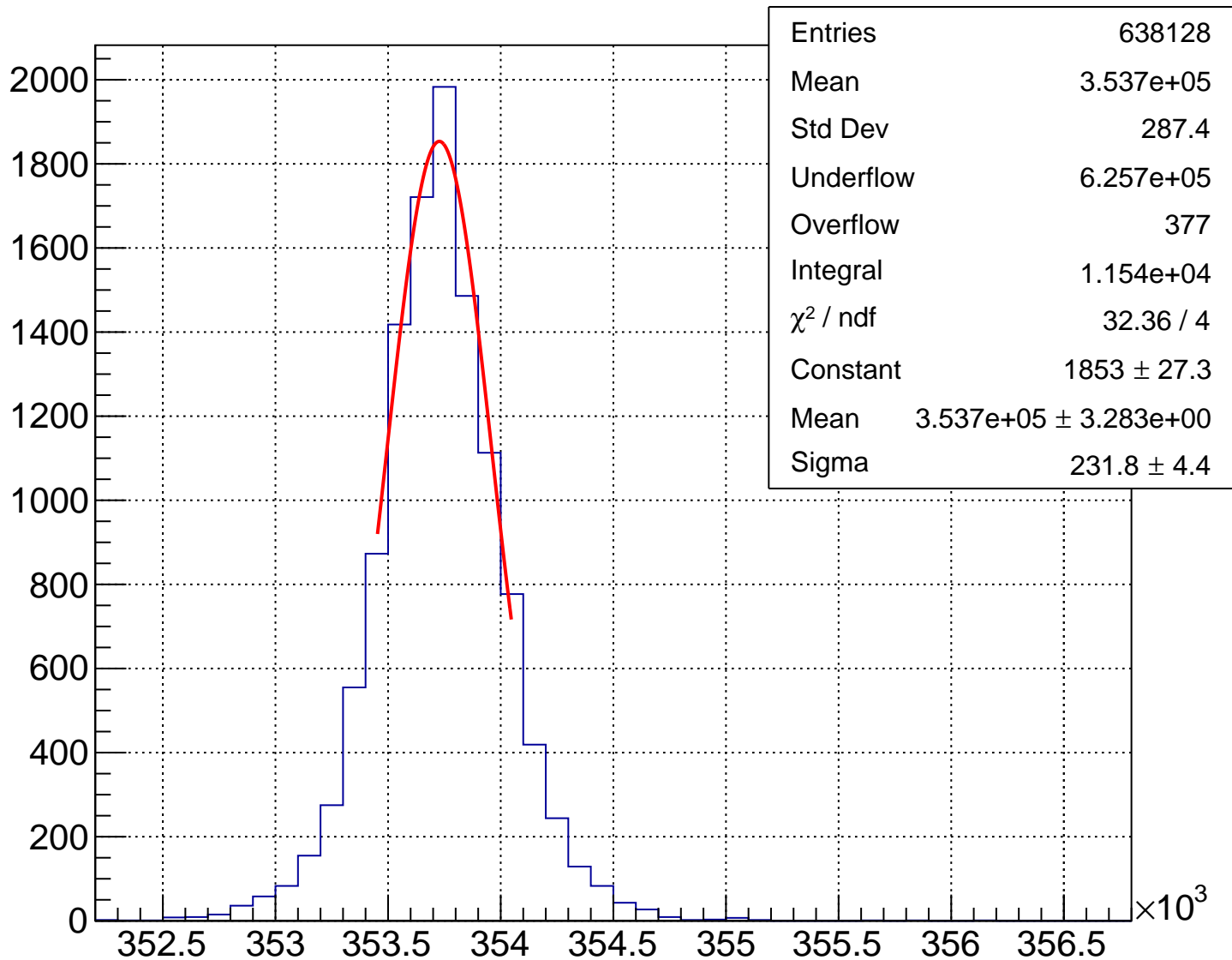
BH2_2UT



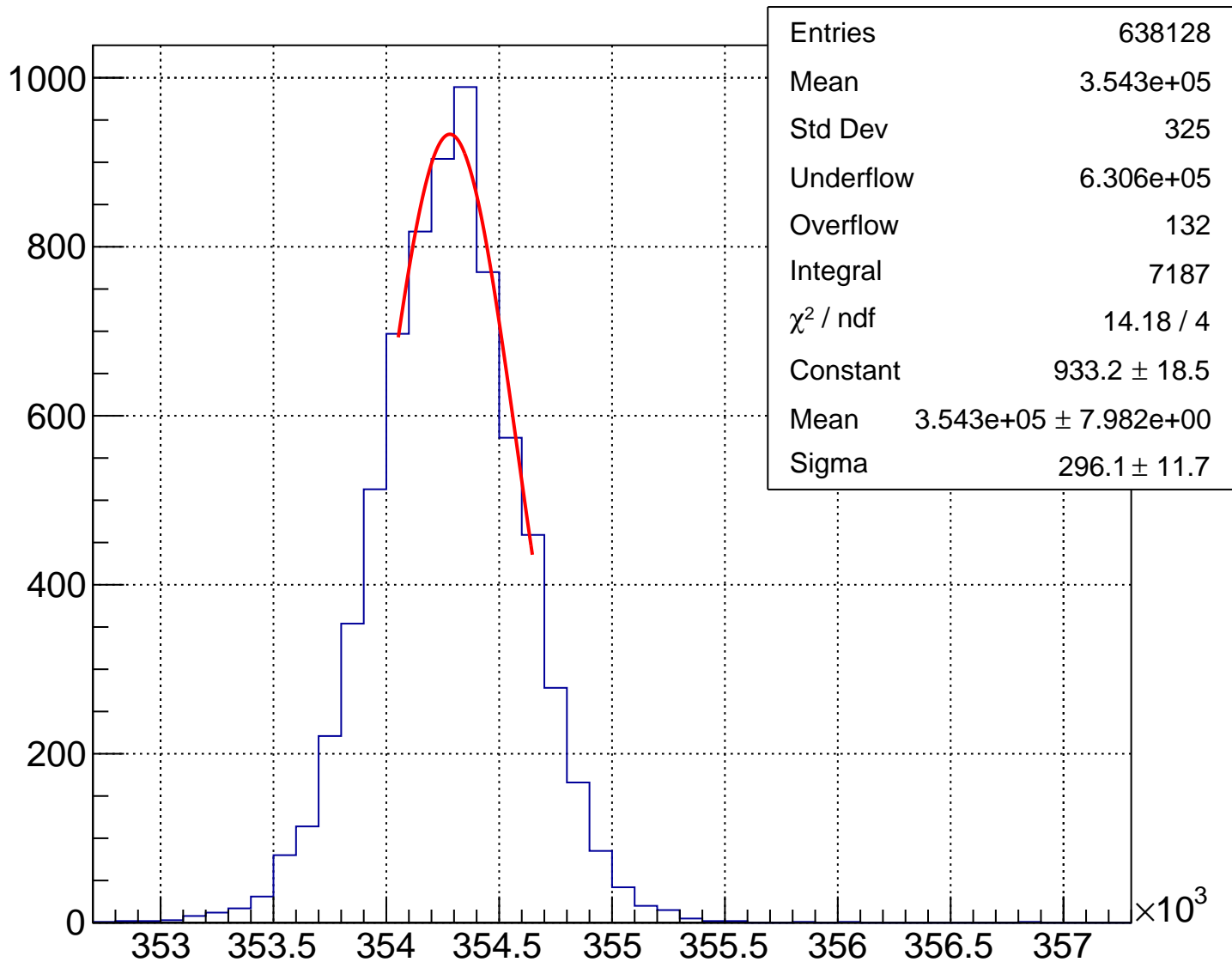
BH2_3UT



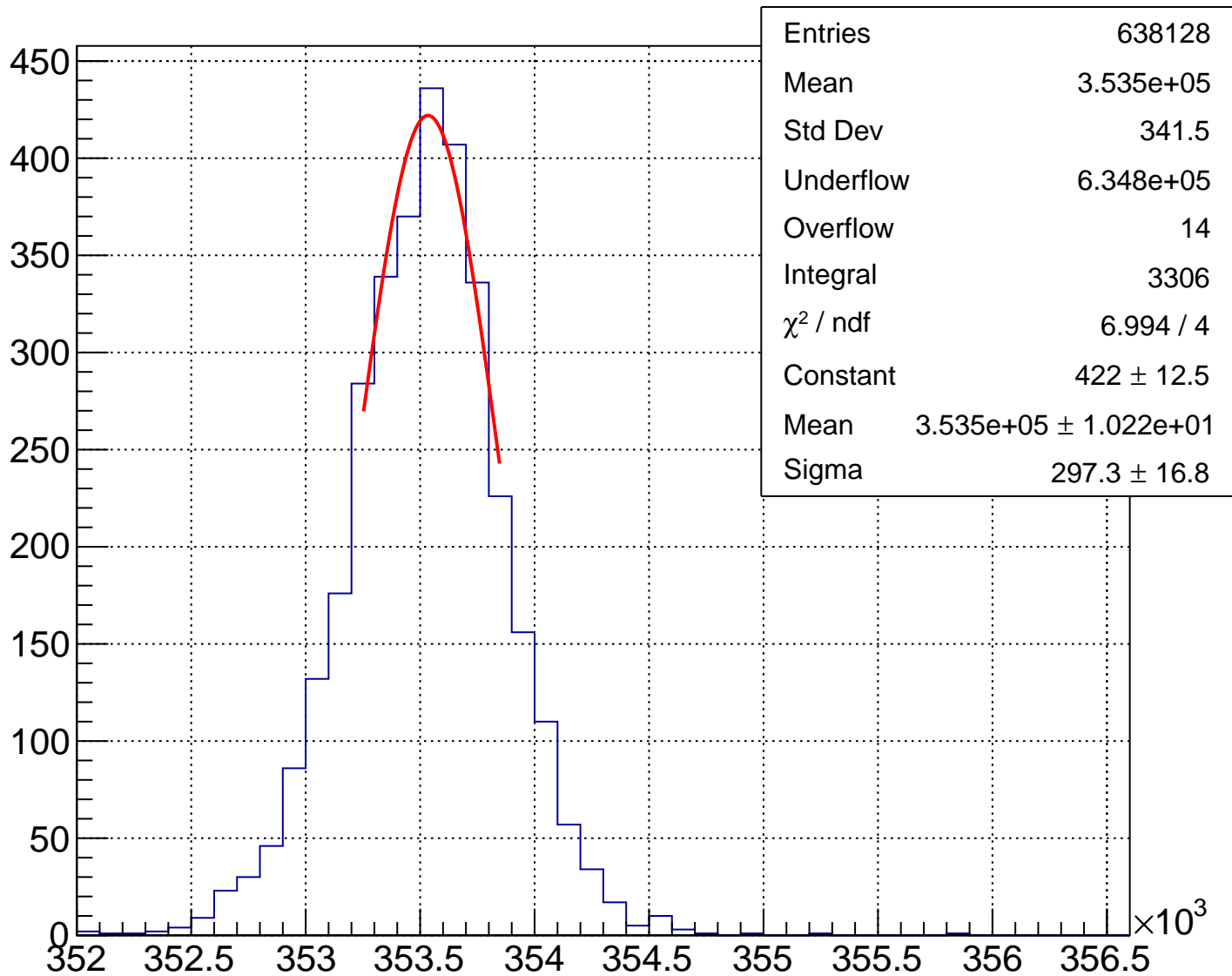
BH2_4UT



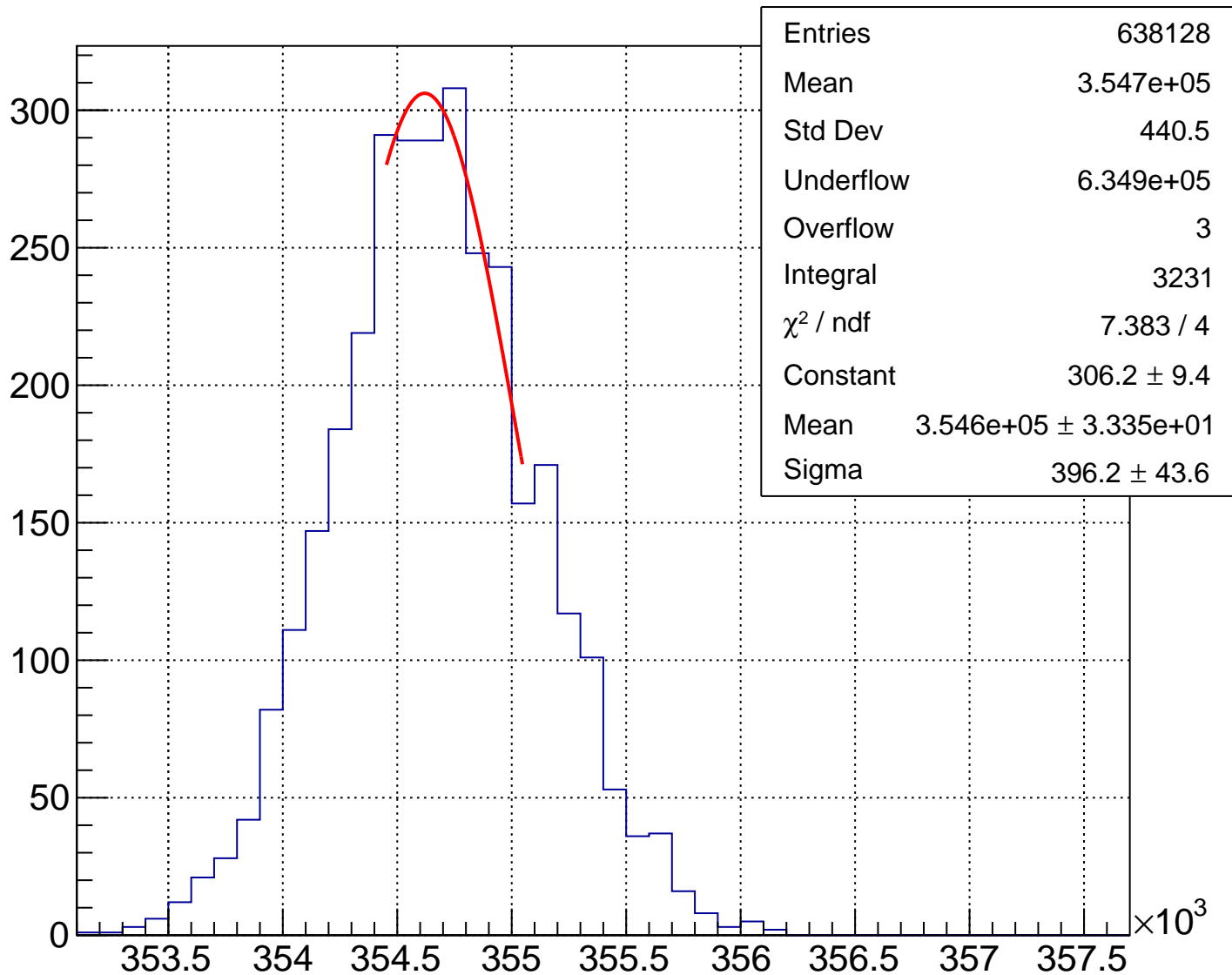
BH2_5UT



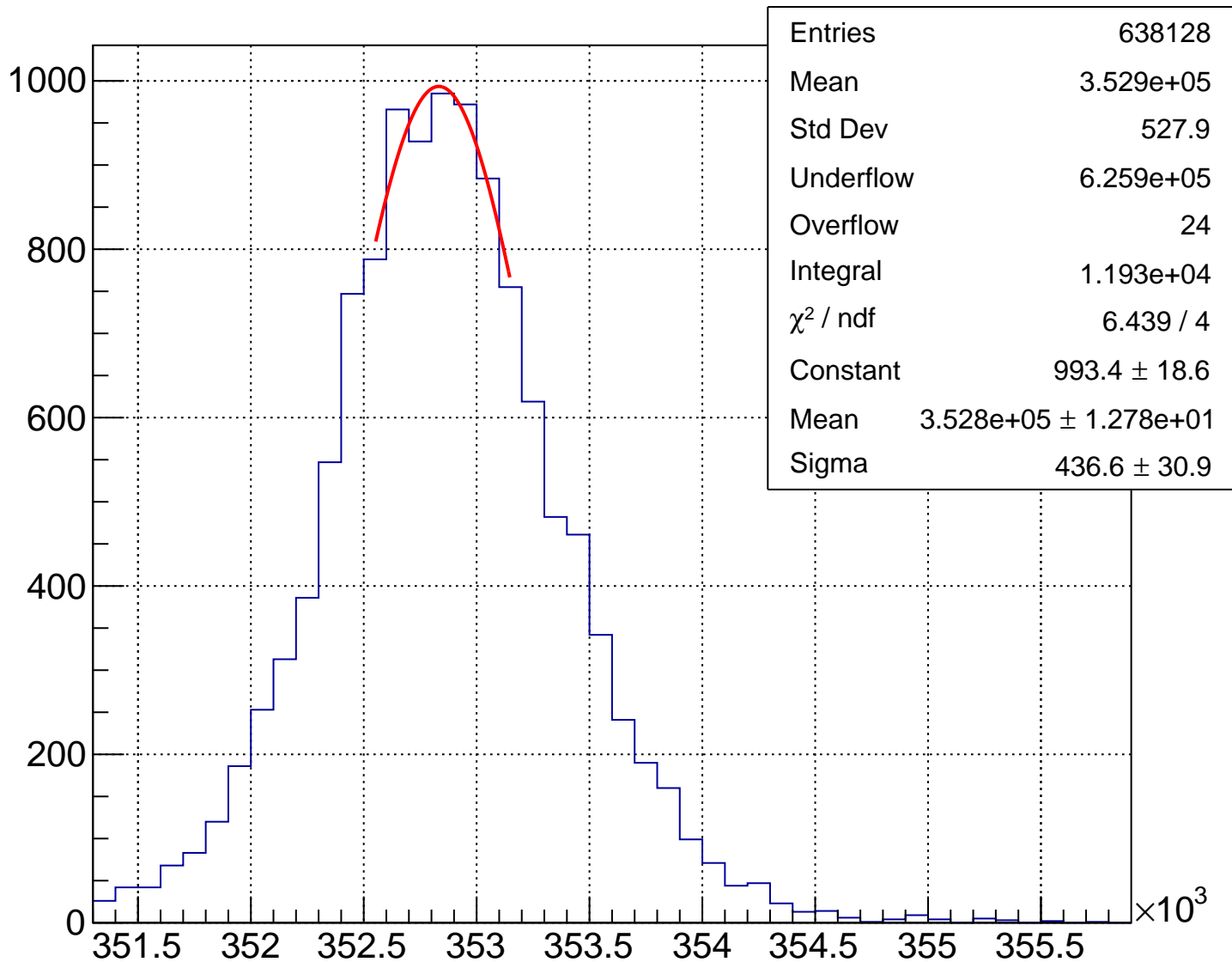
BH2_6UT



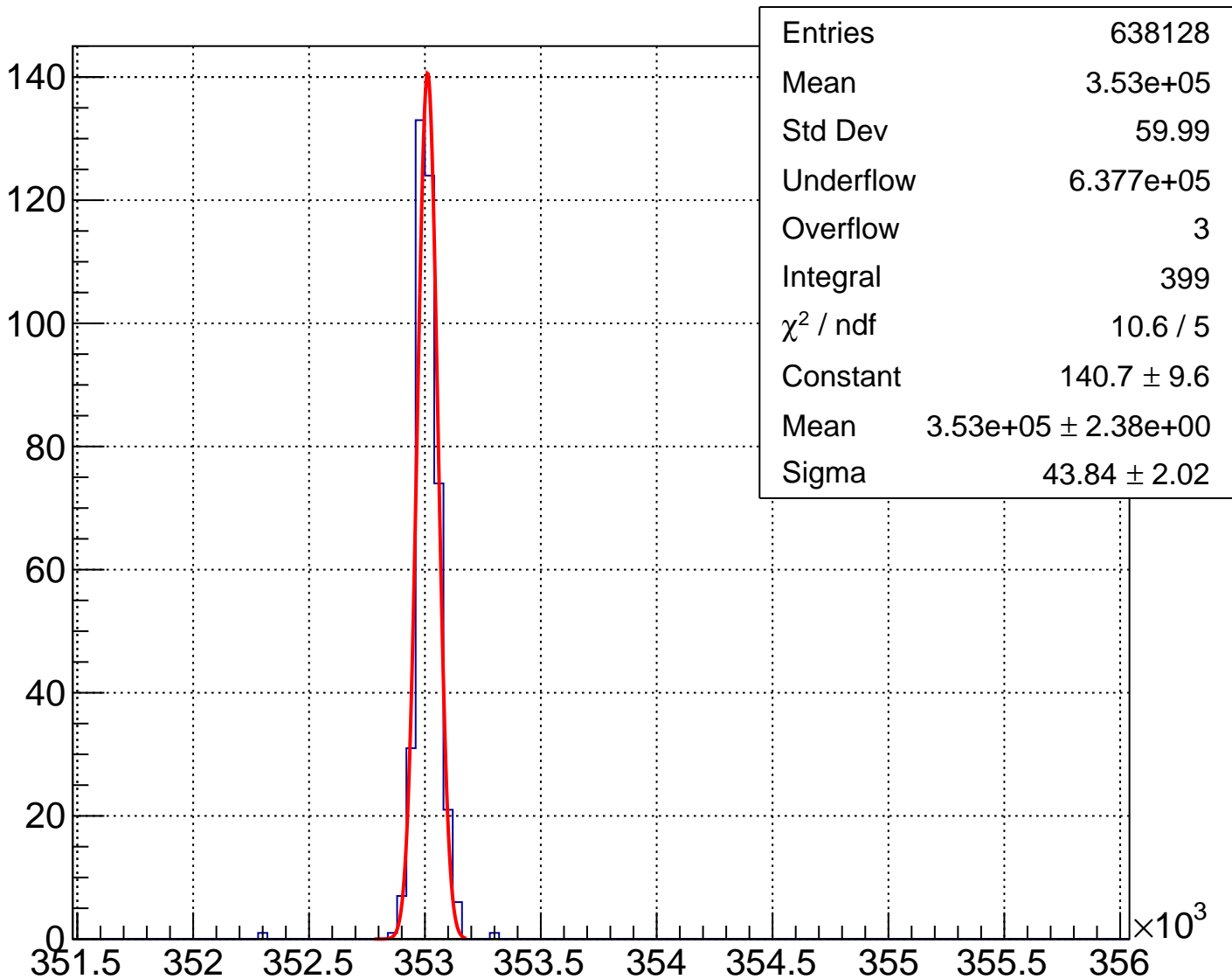
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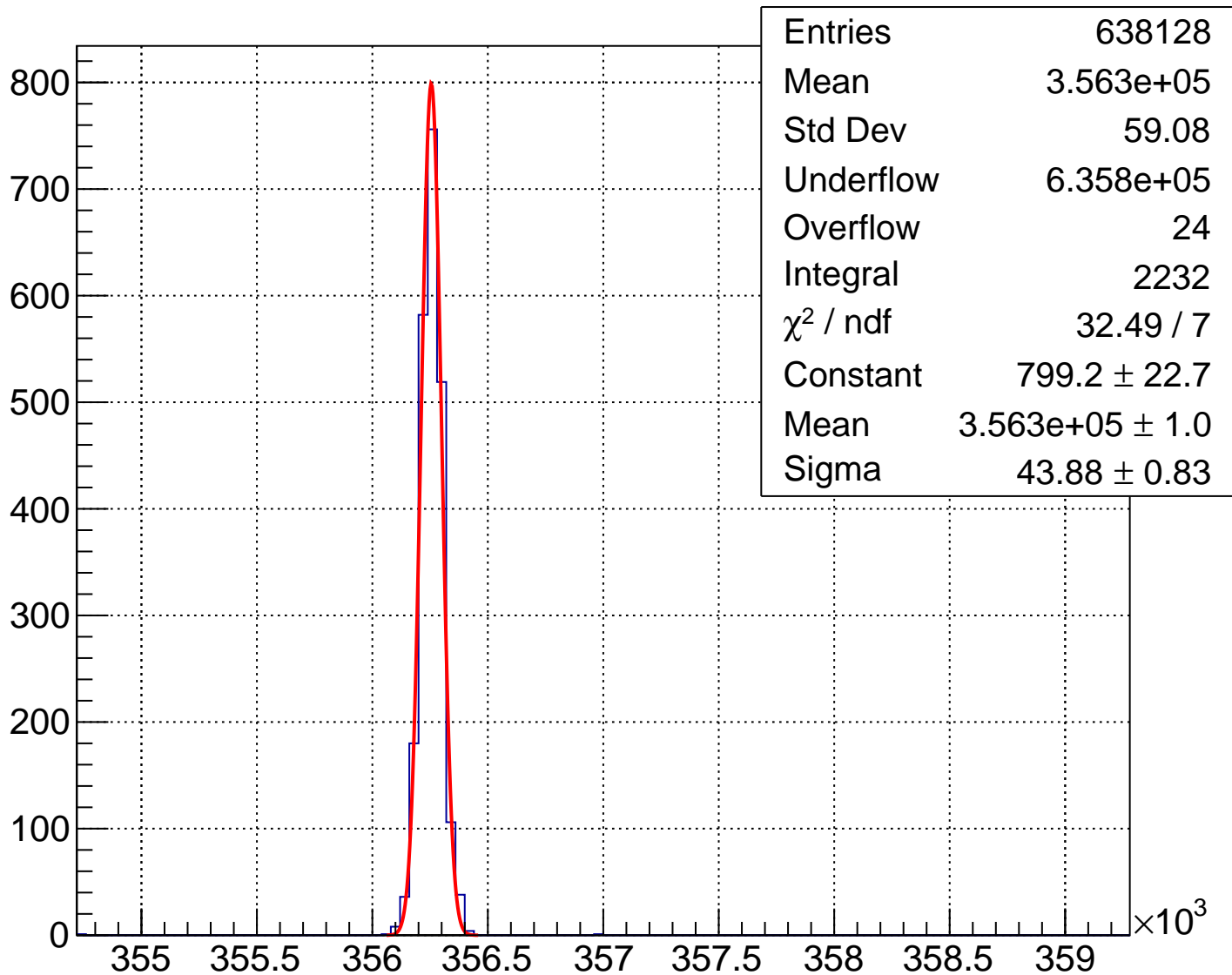
BH2_8UT



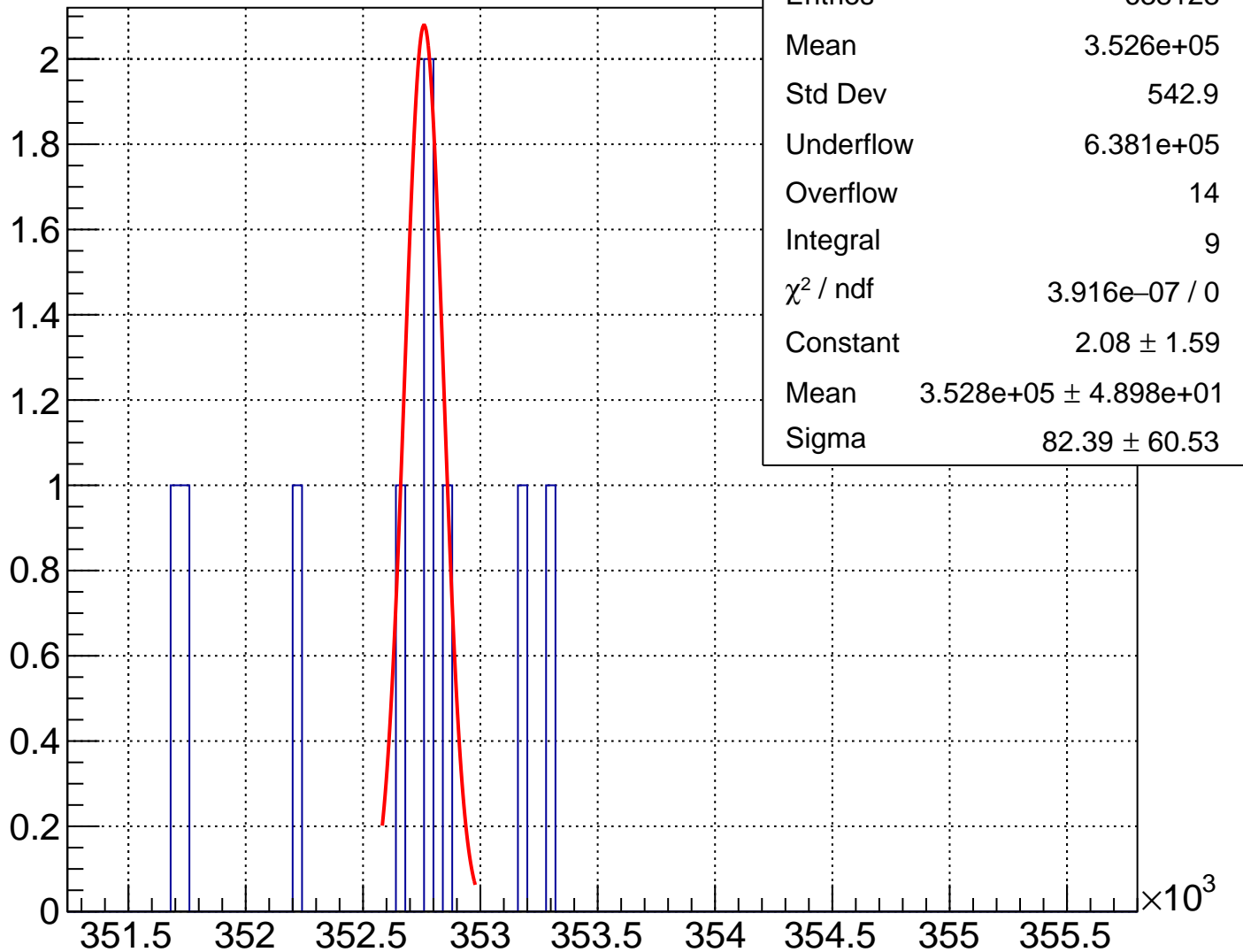
BH2_1DT



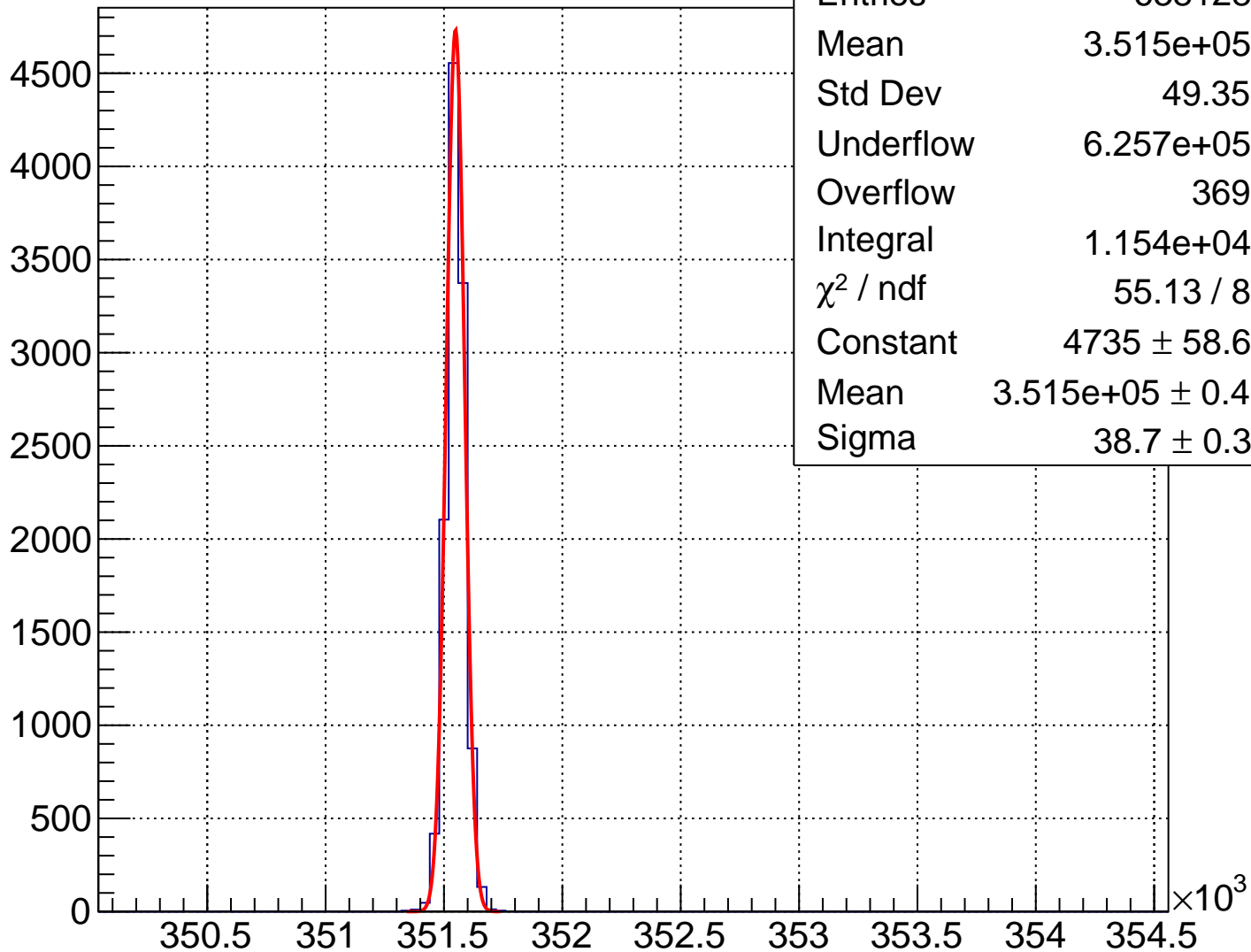
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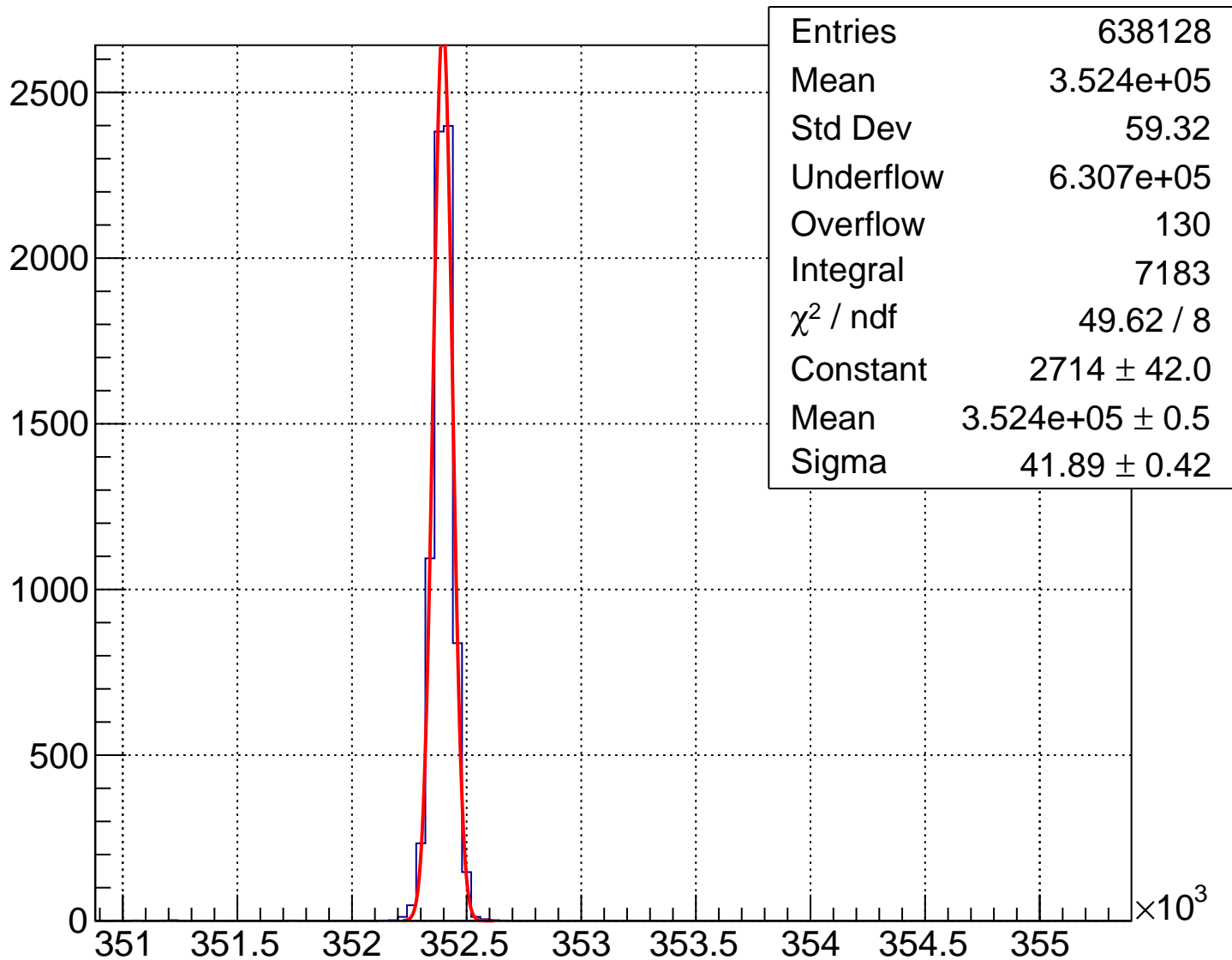
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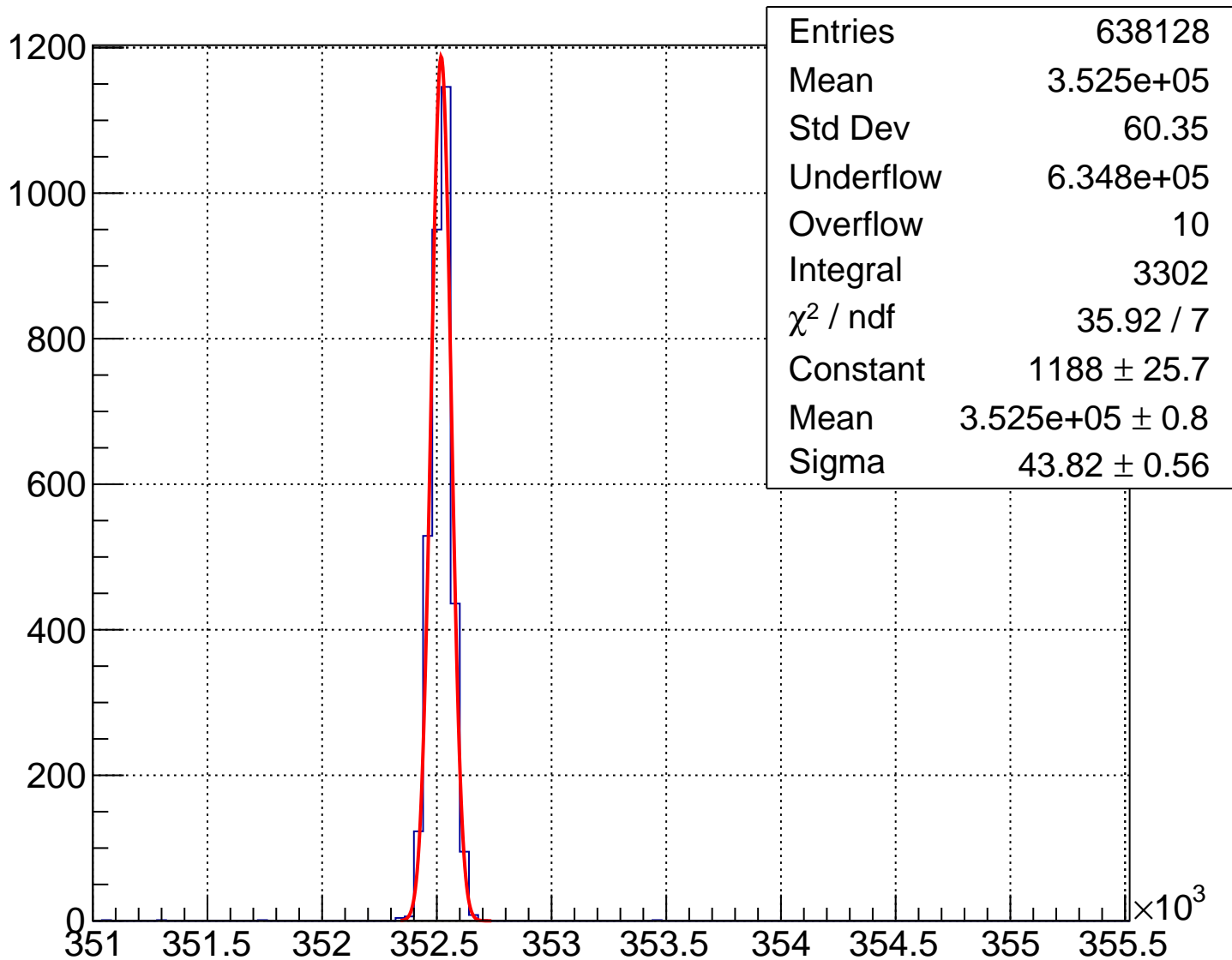
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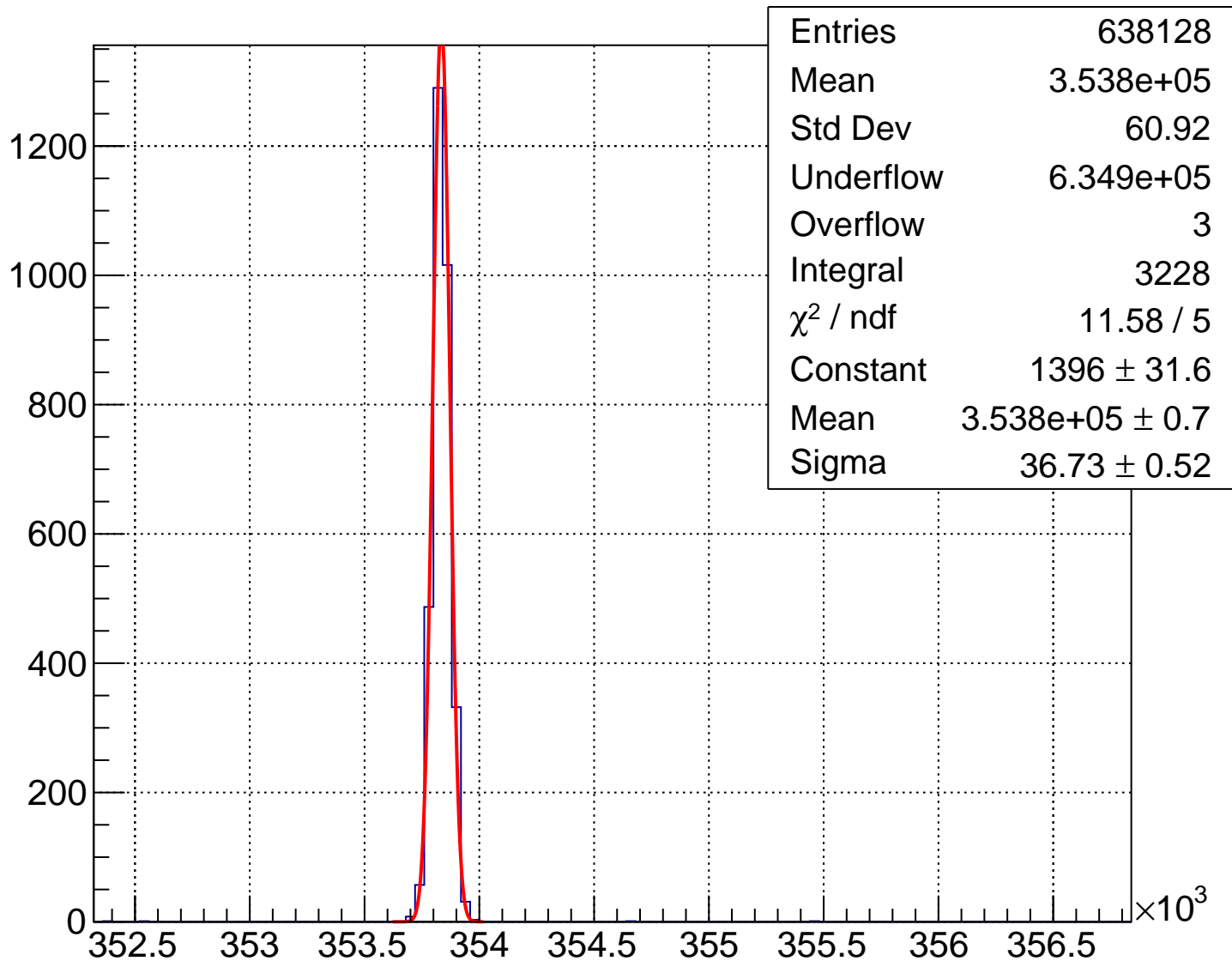
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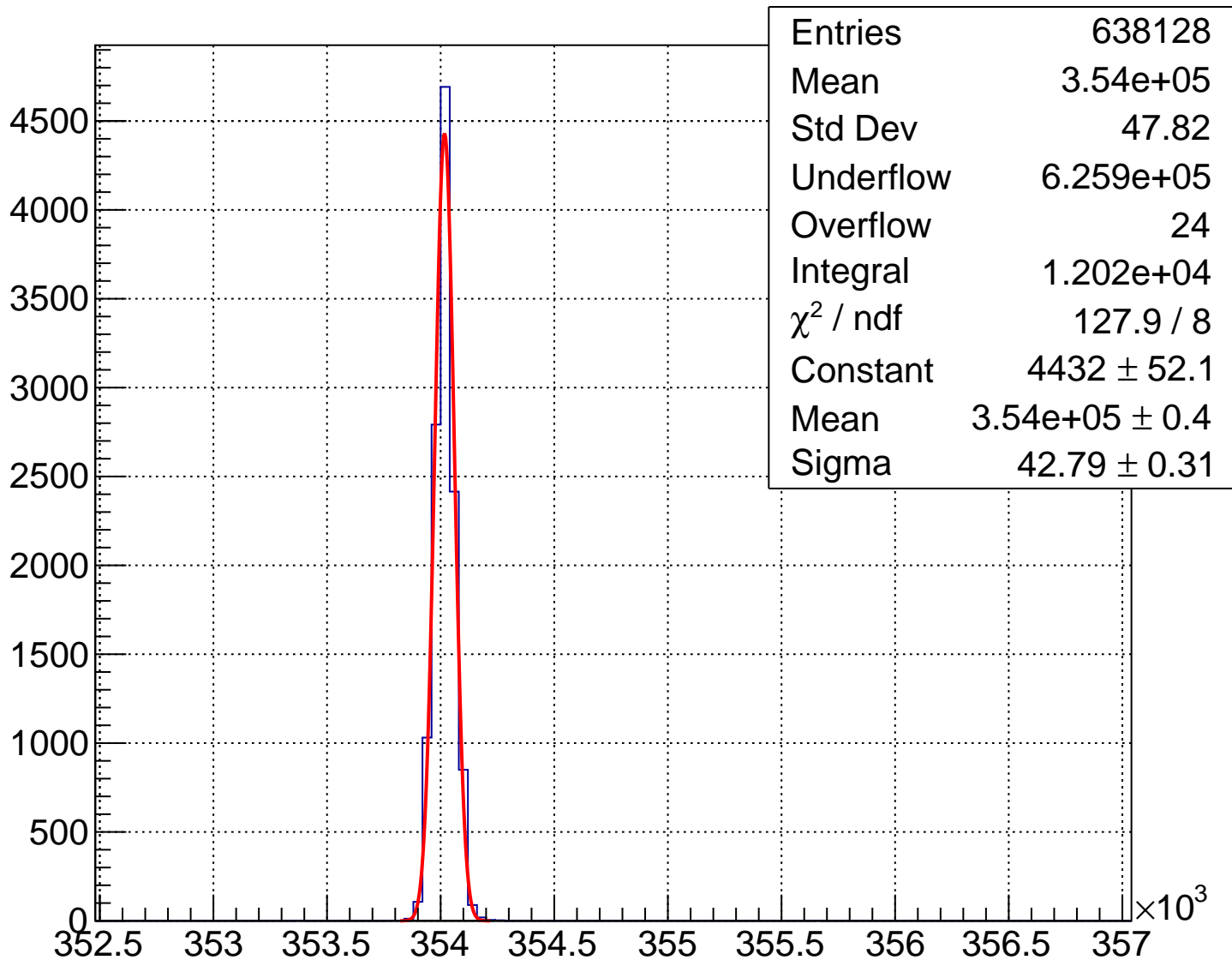
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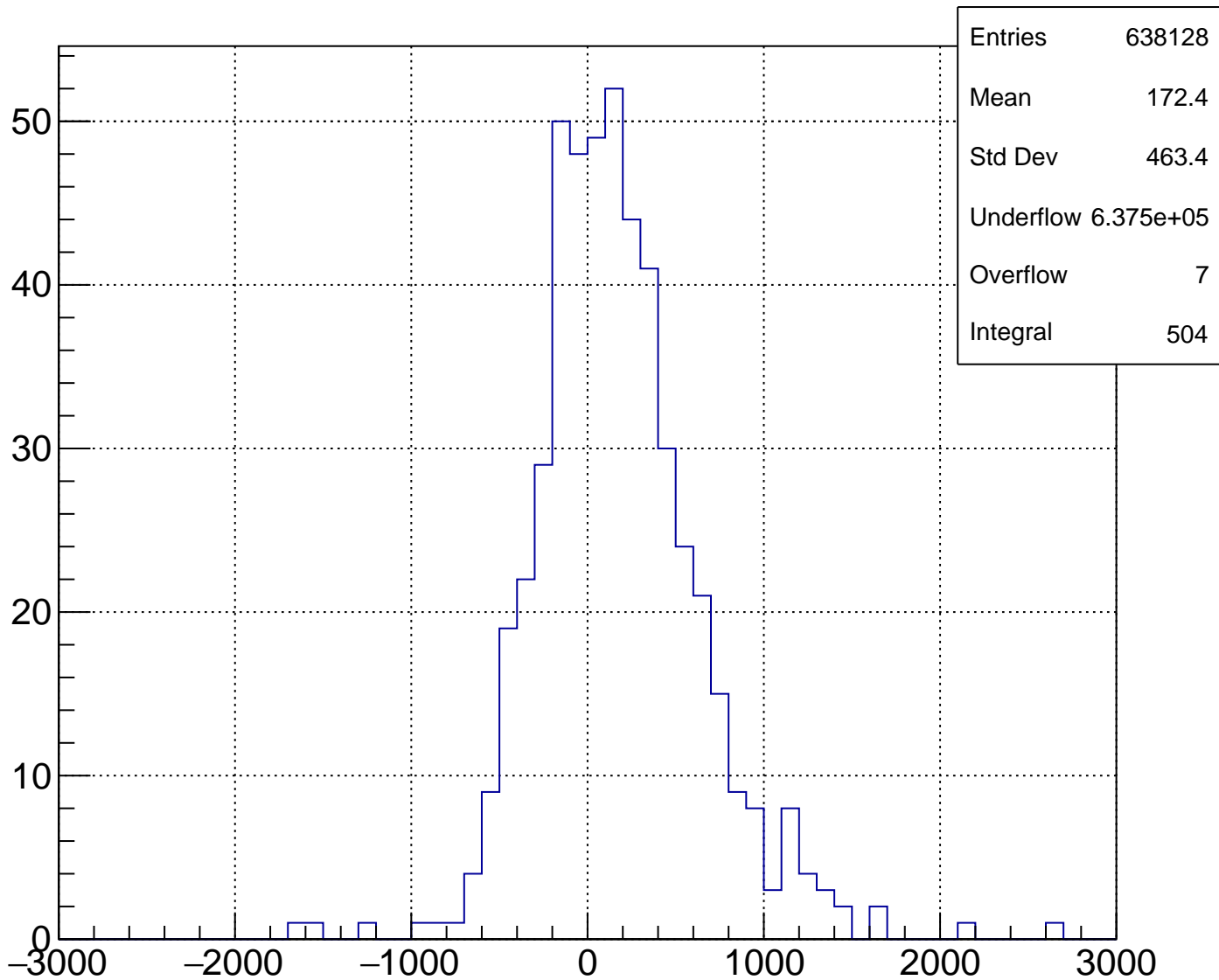
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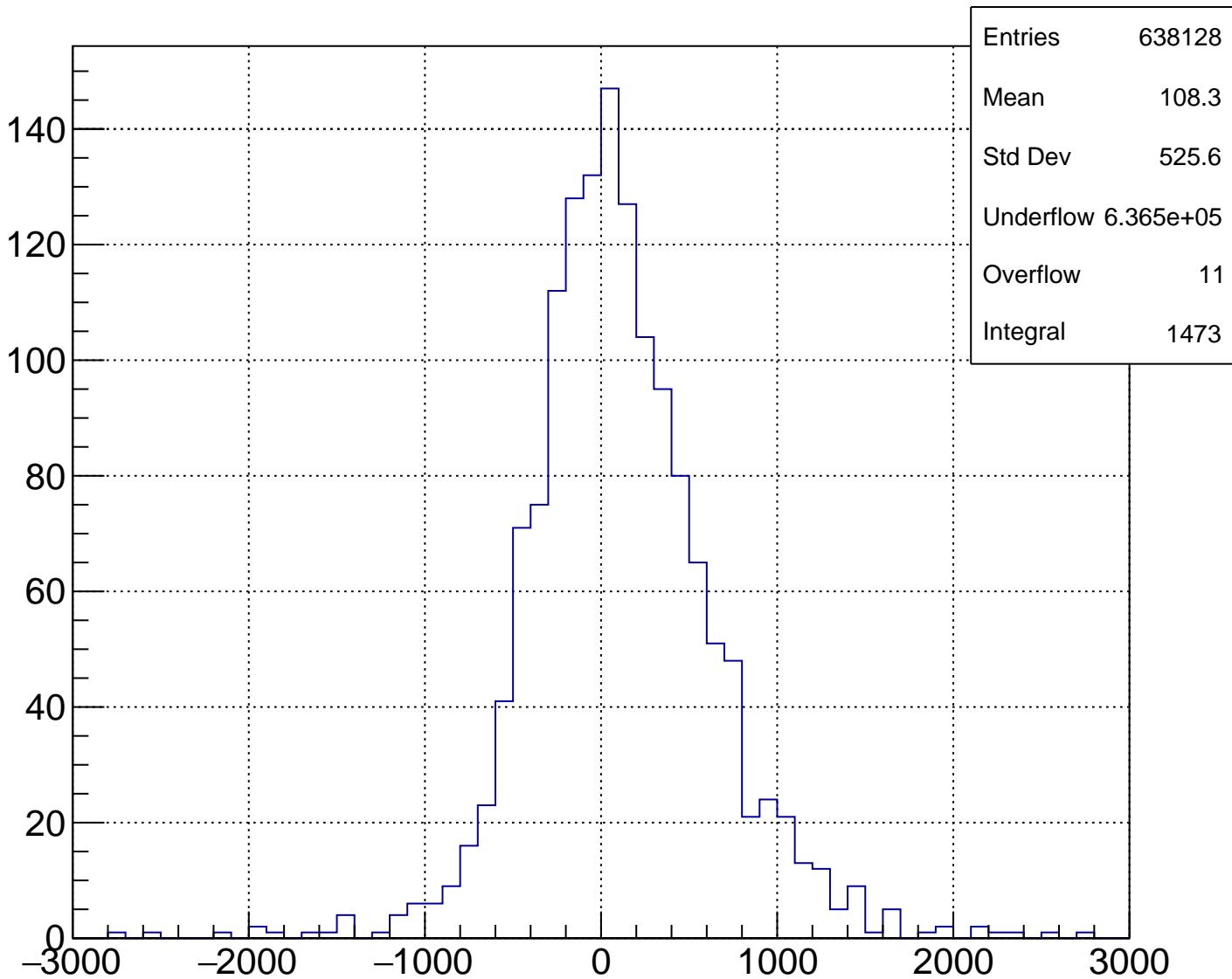
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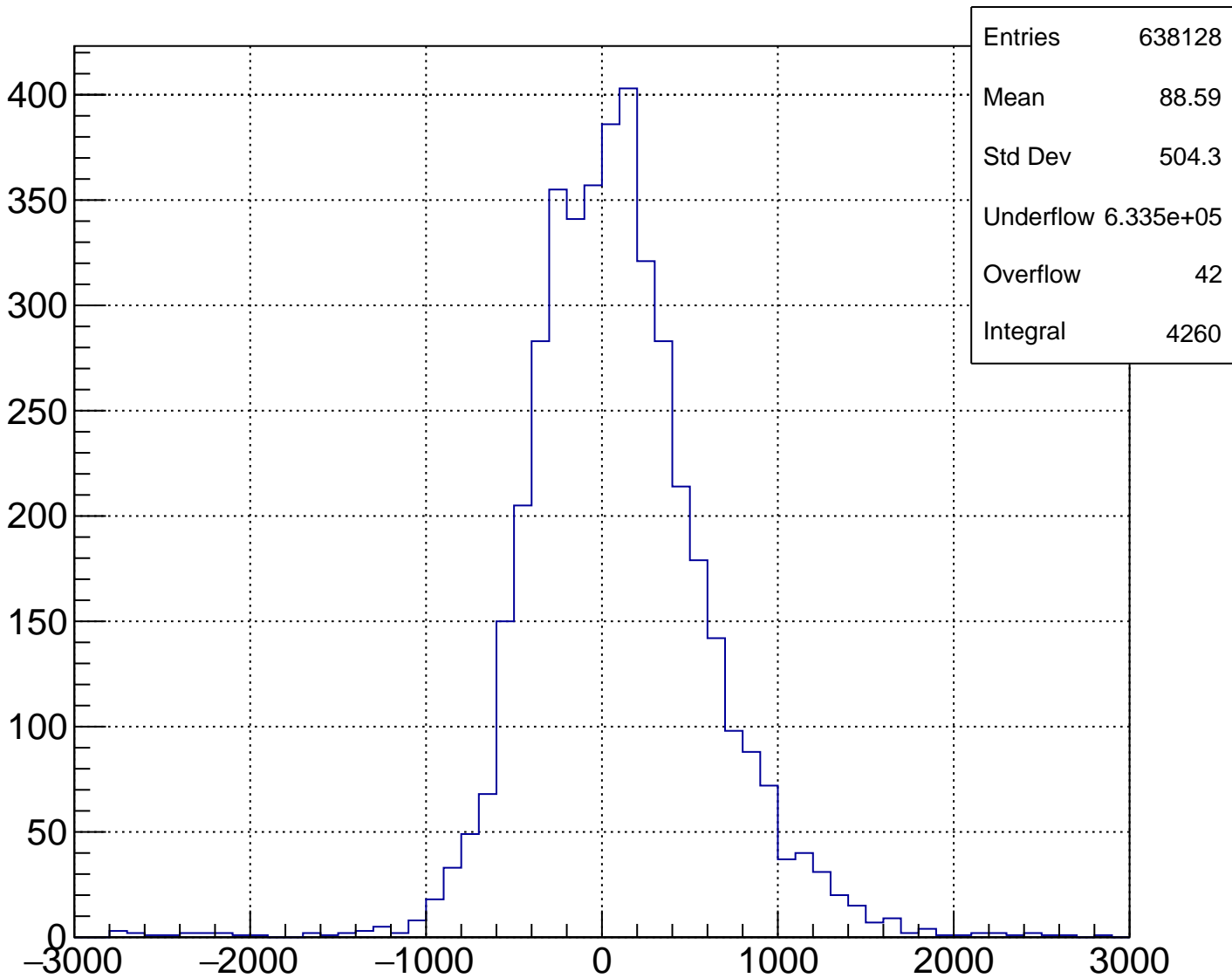
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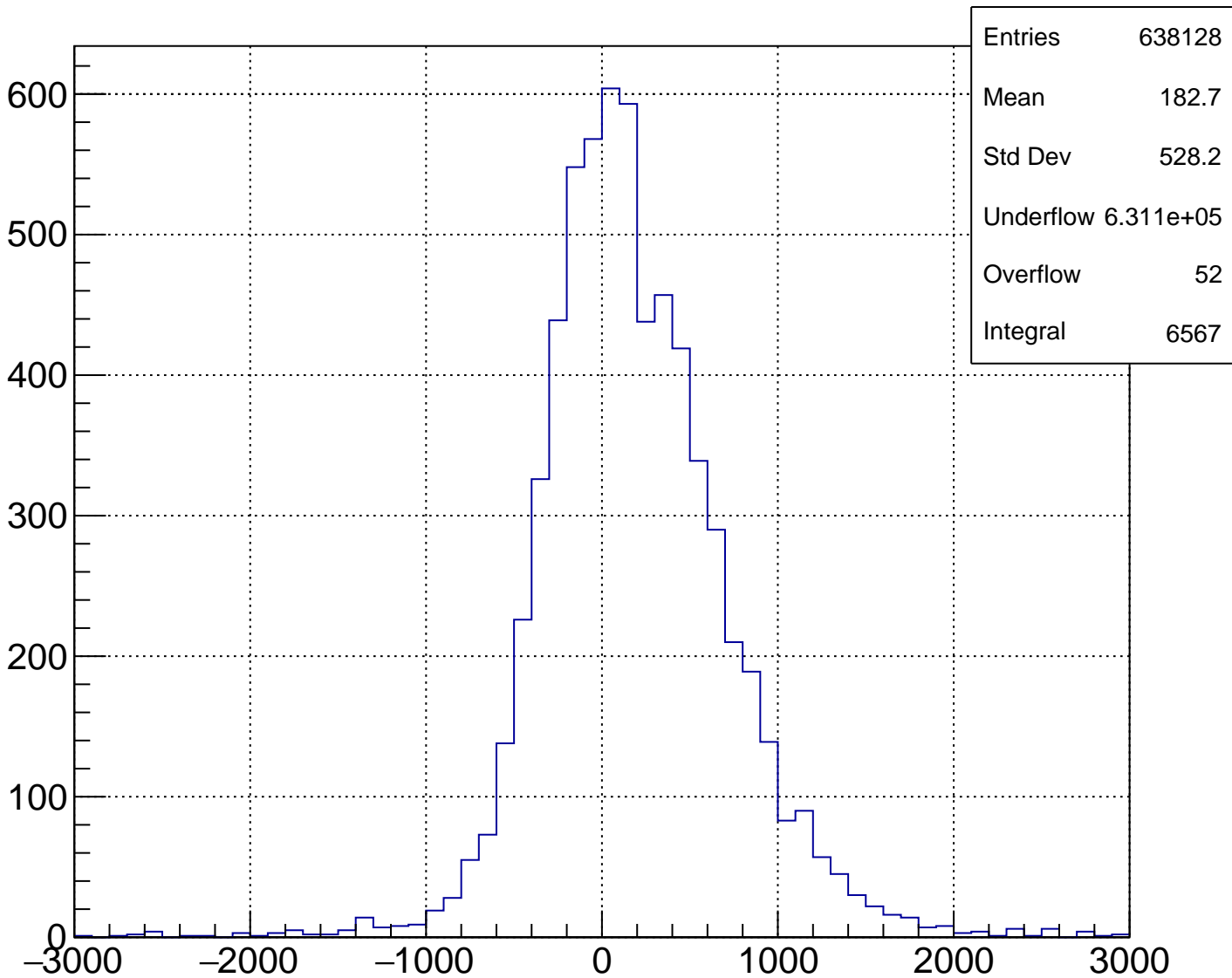
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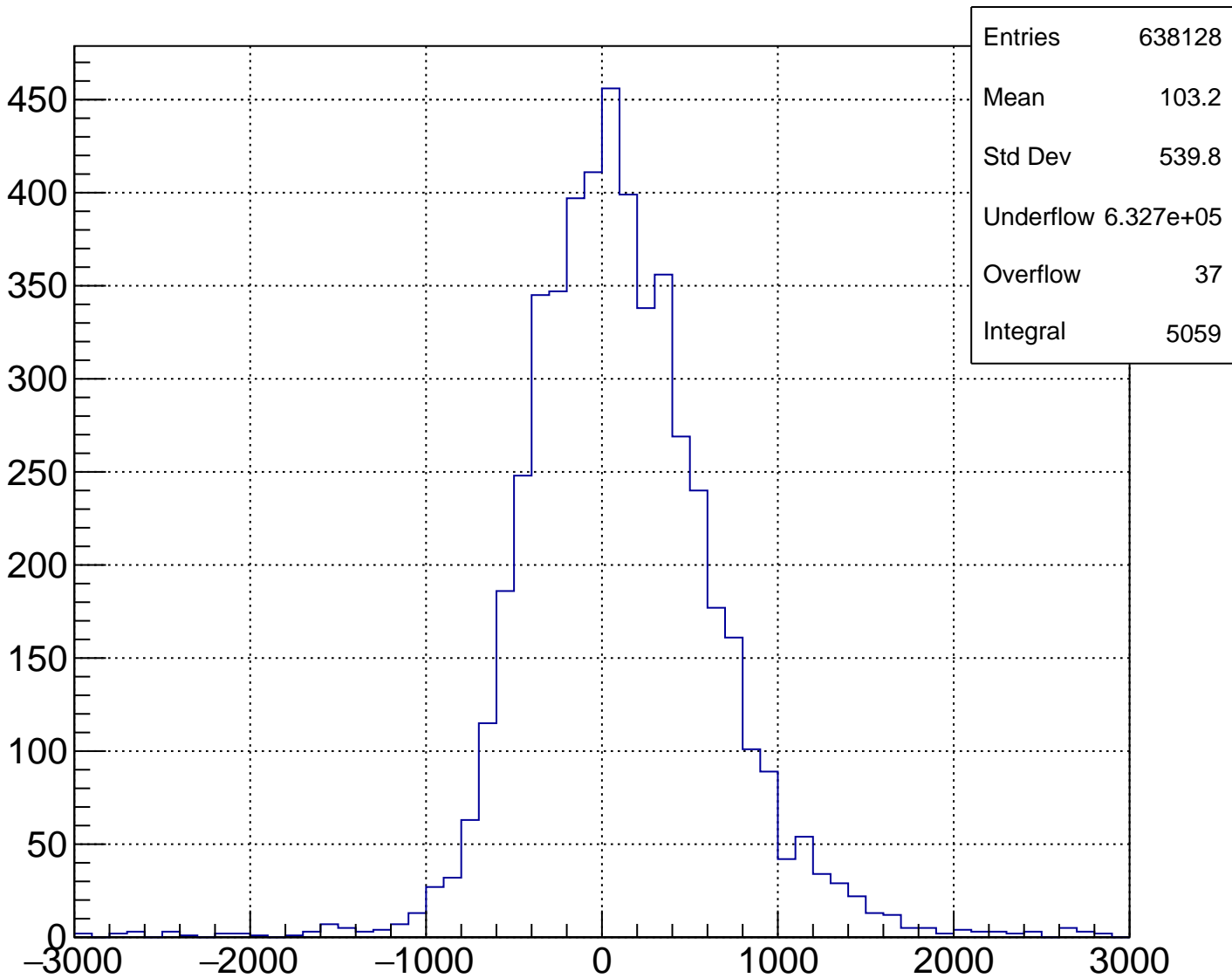
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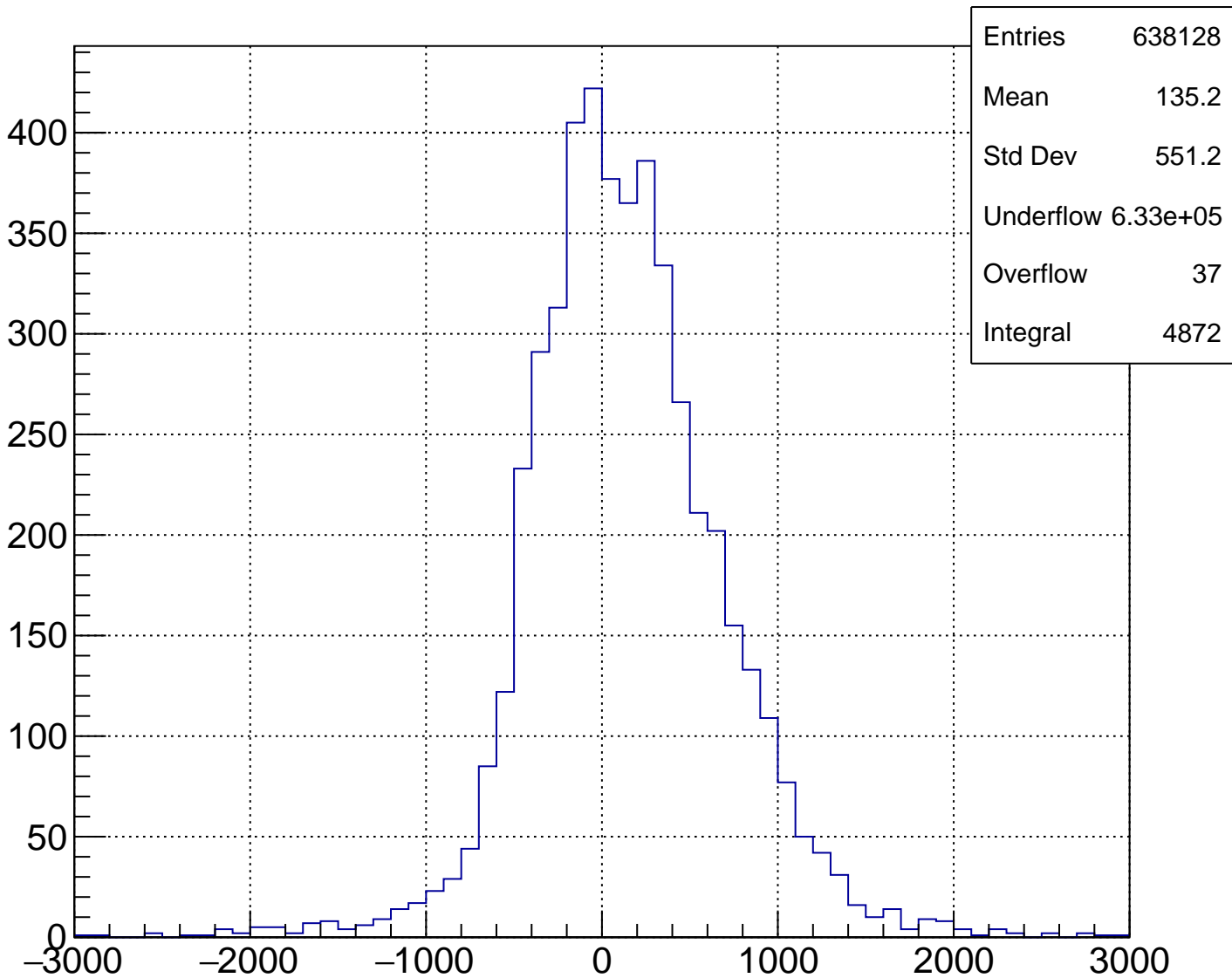
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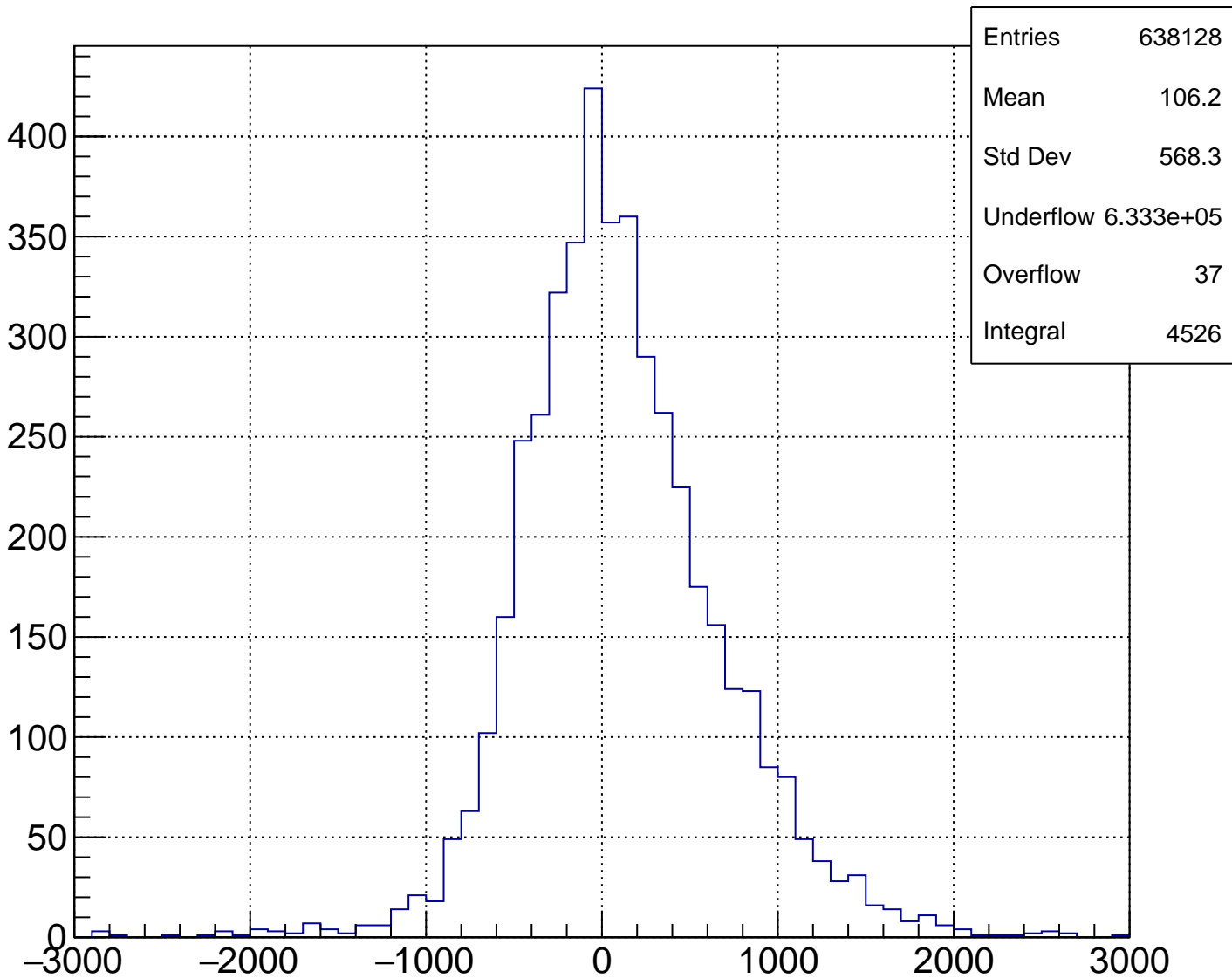
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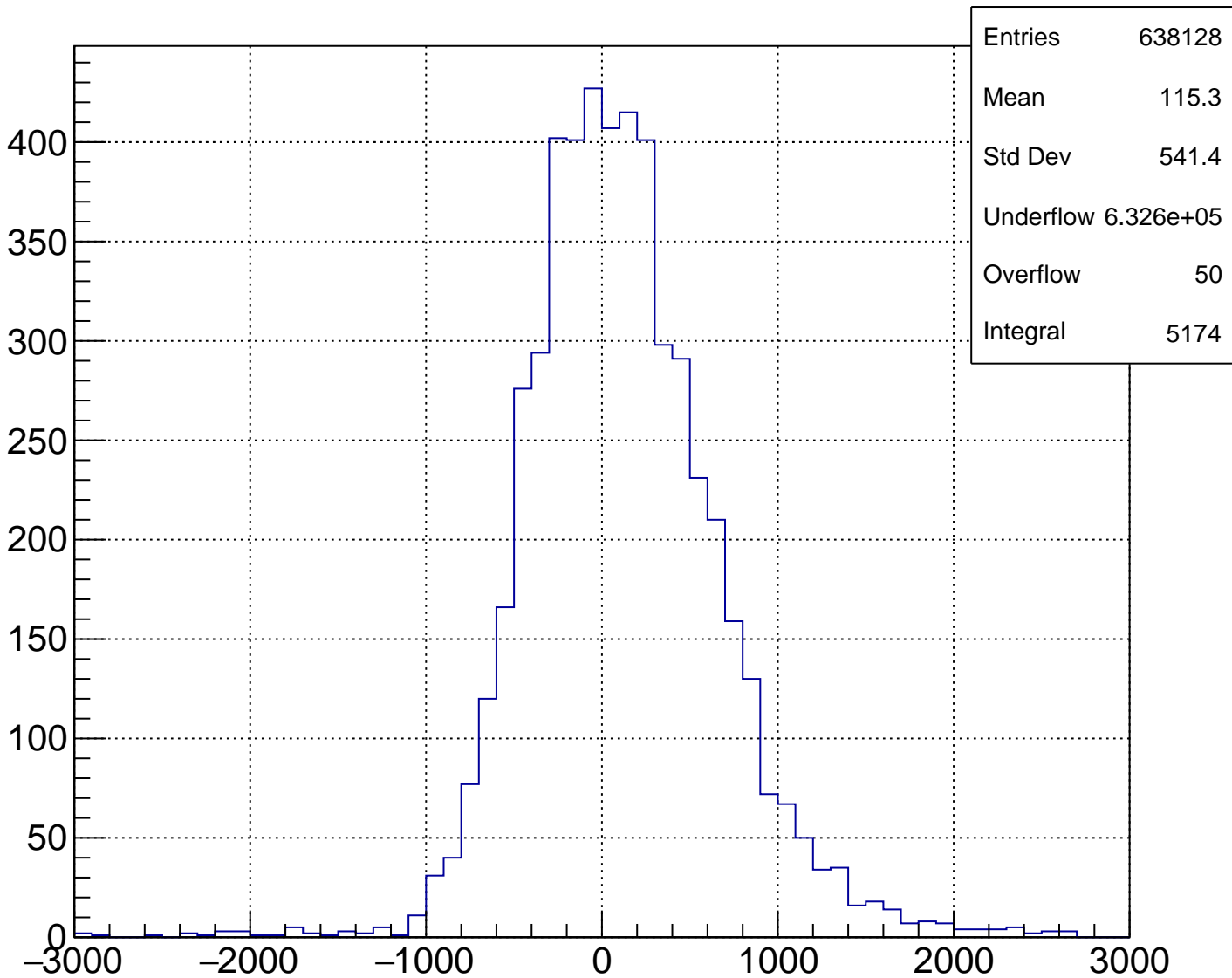
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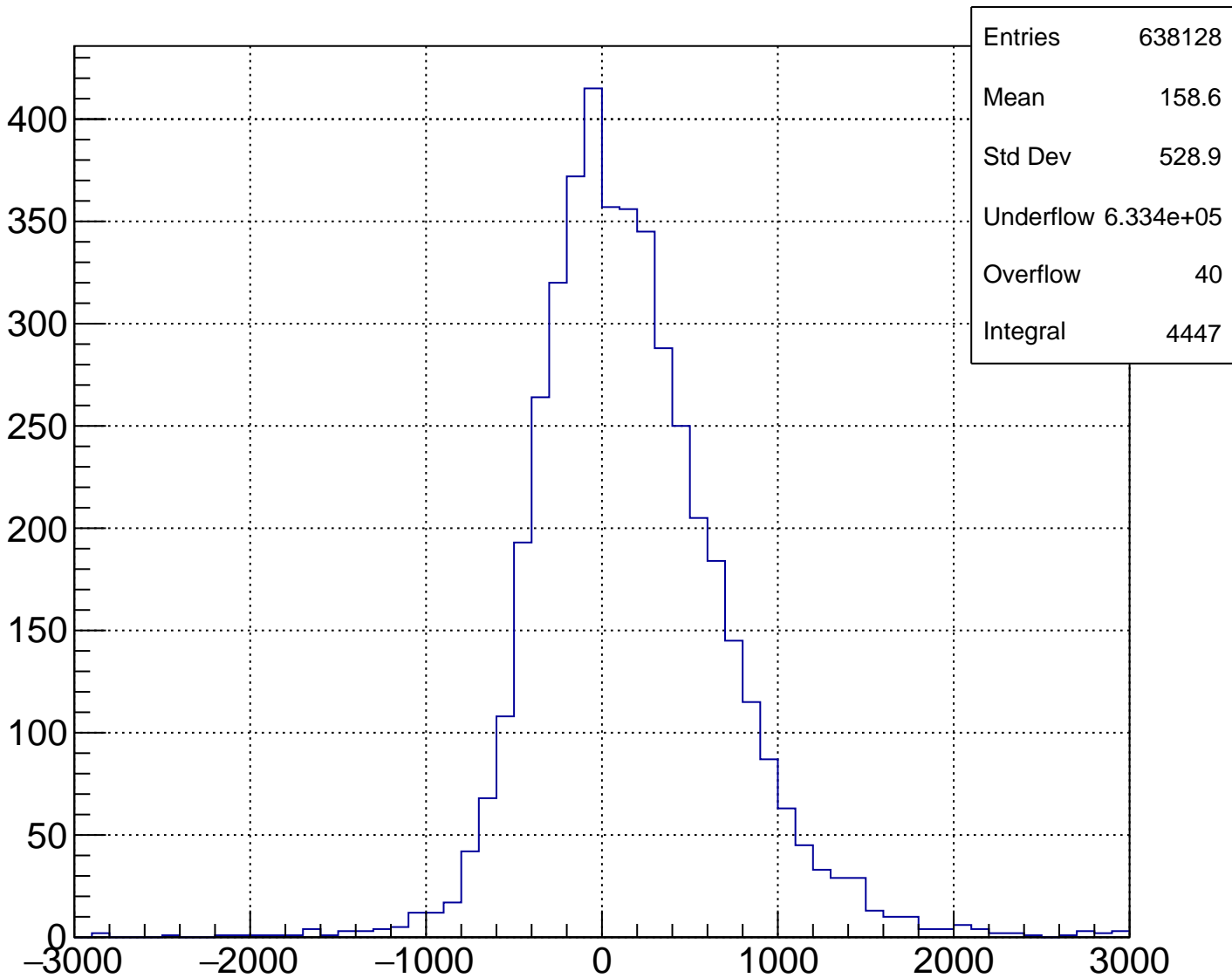
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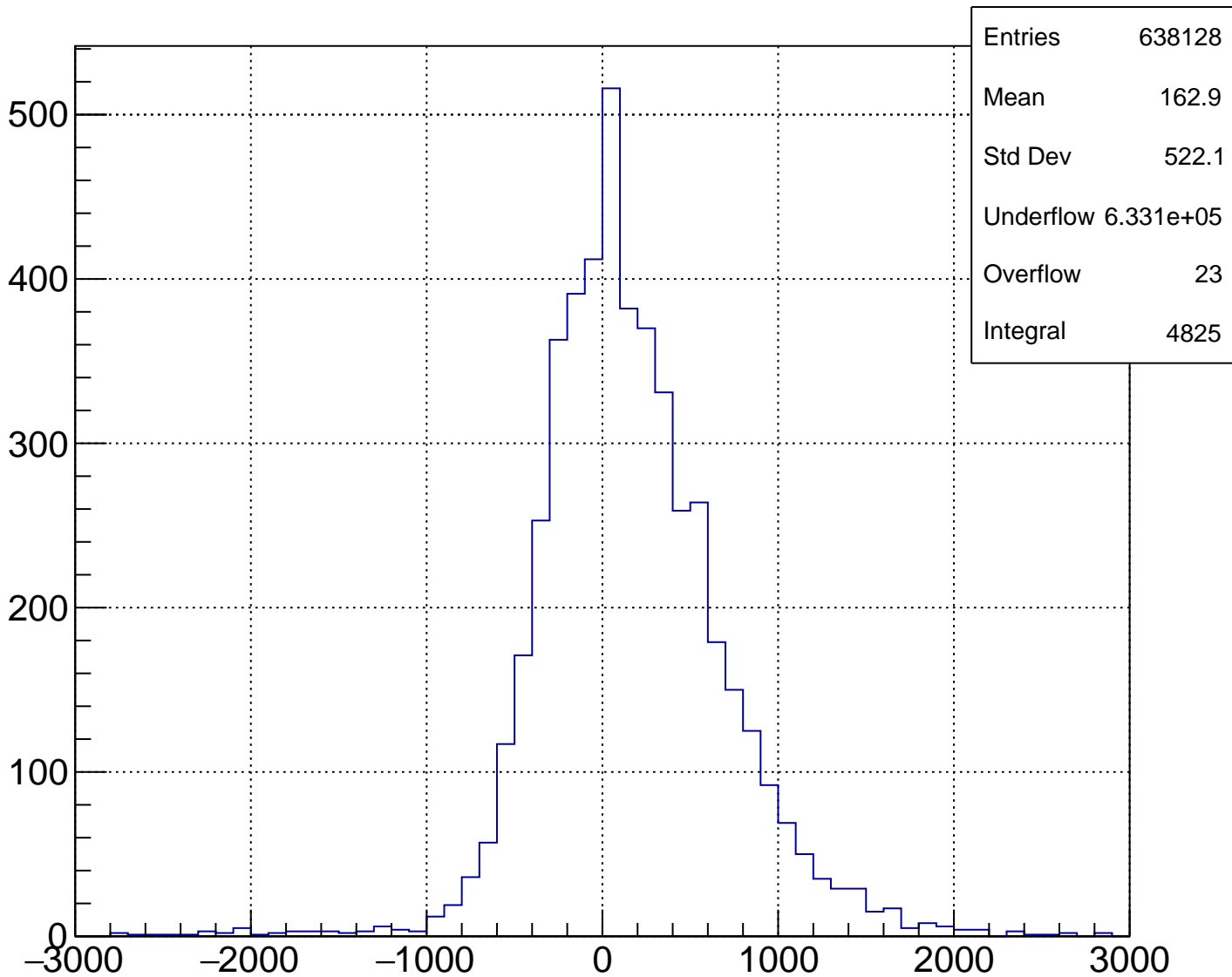
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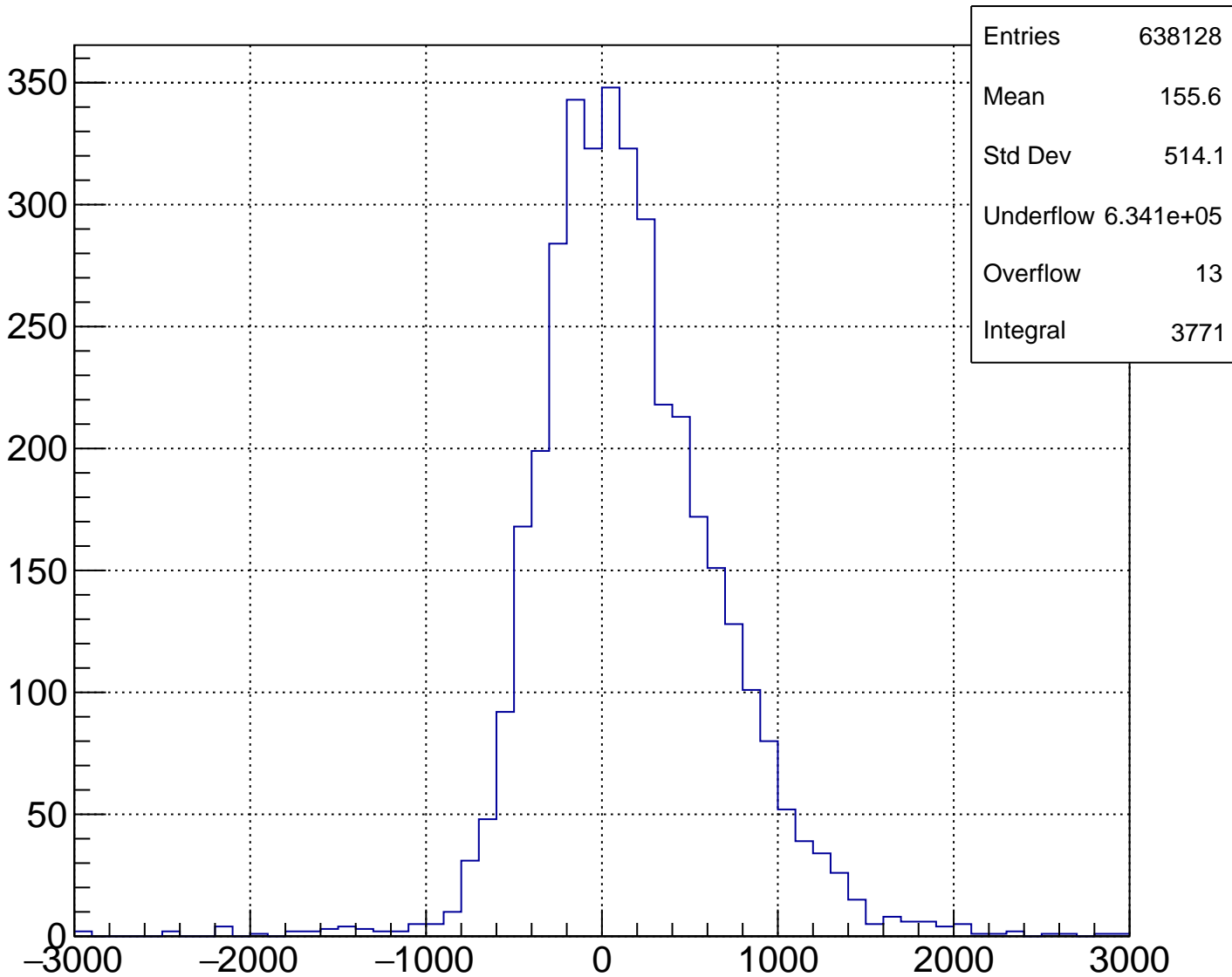
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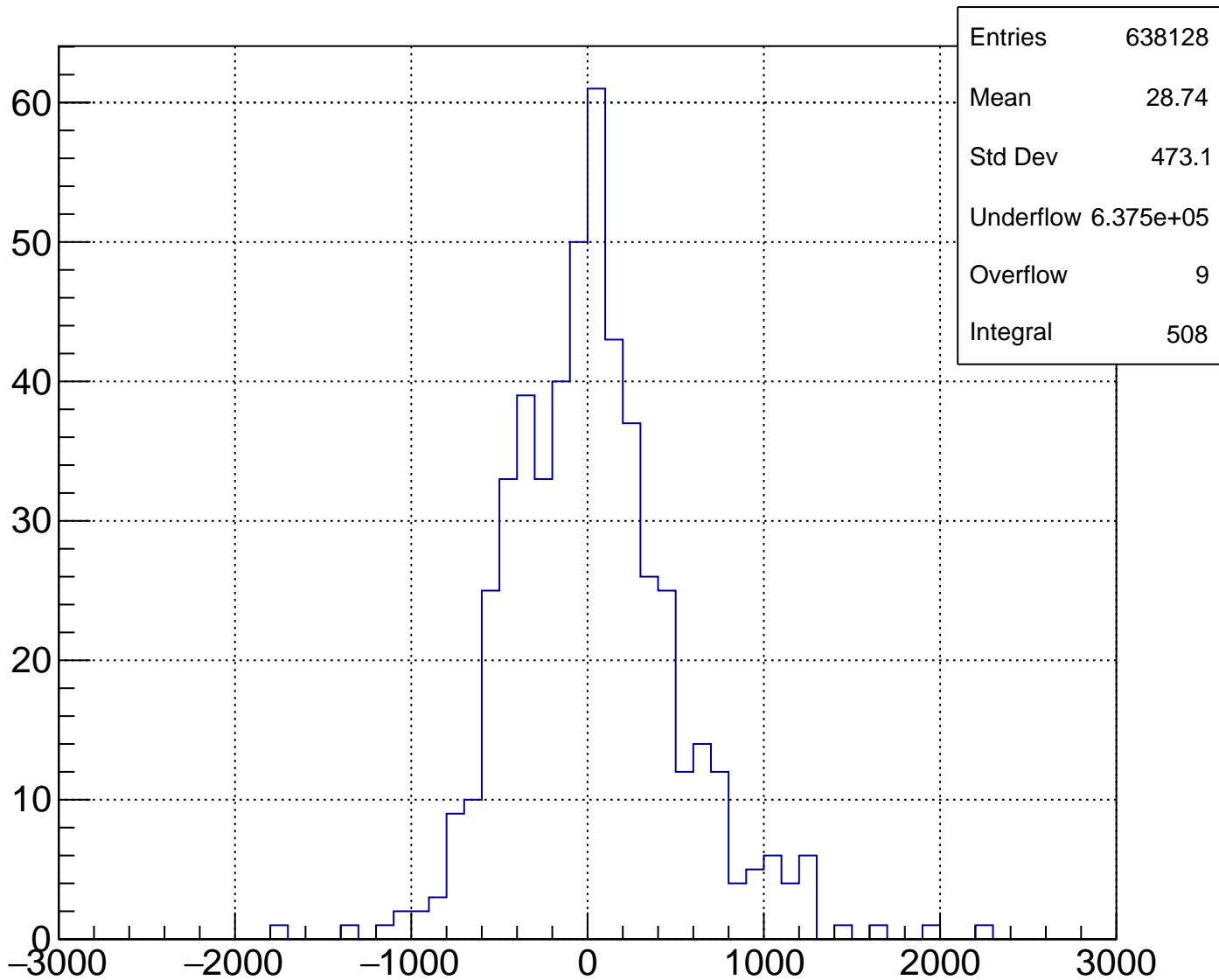
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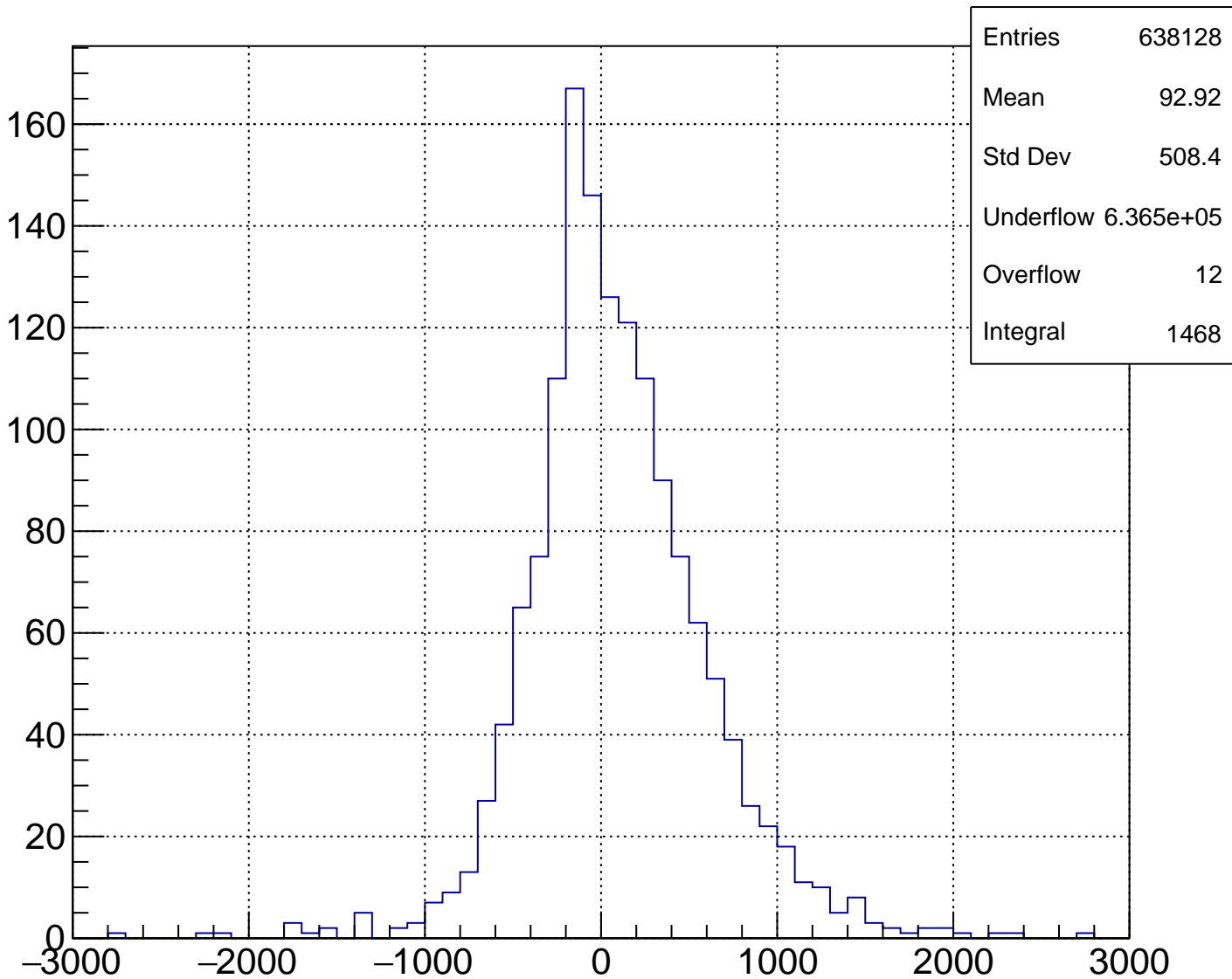
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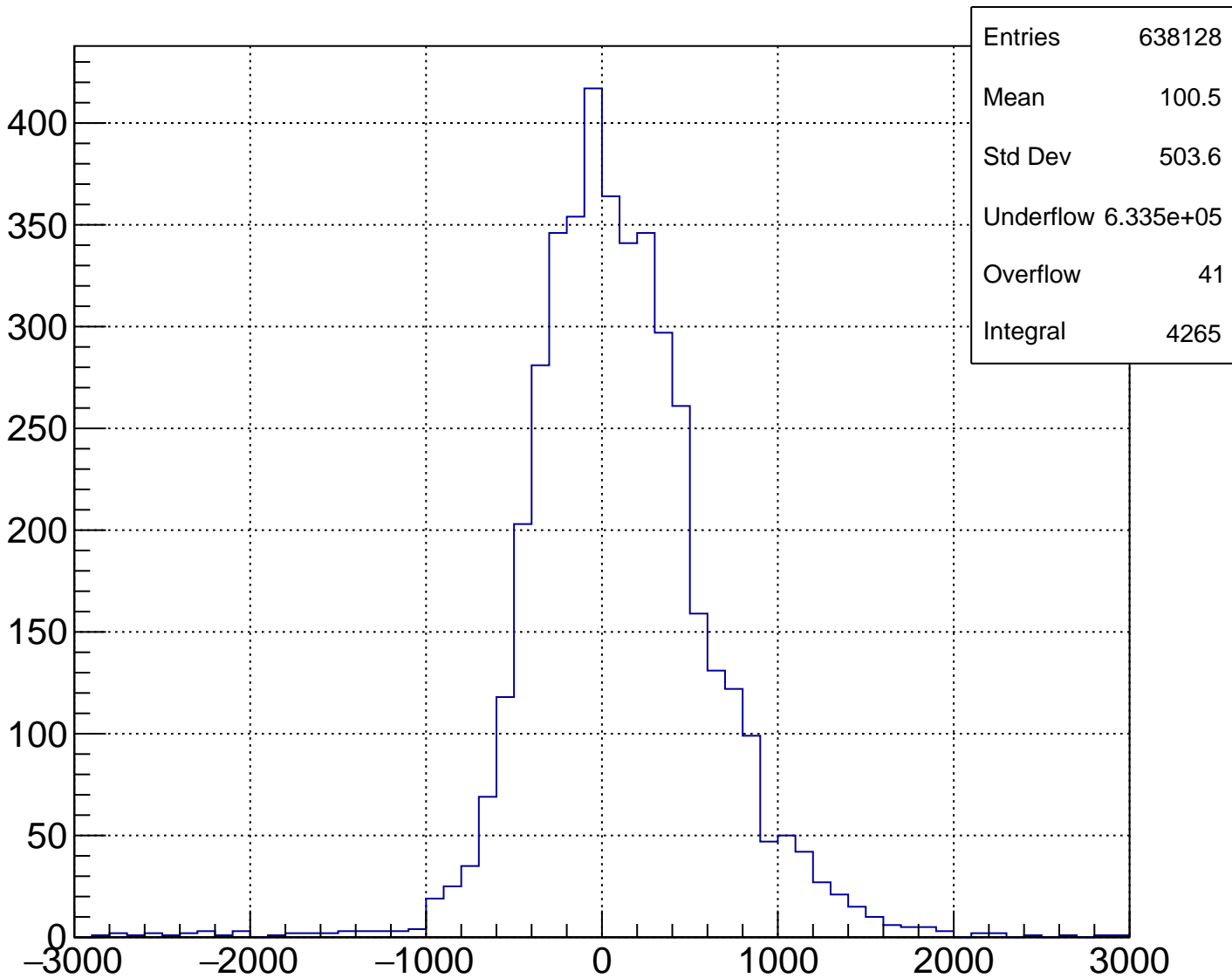
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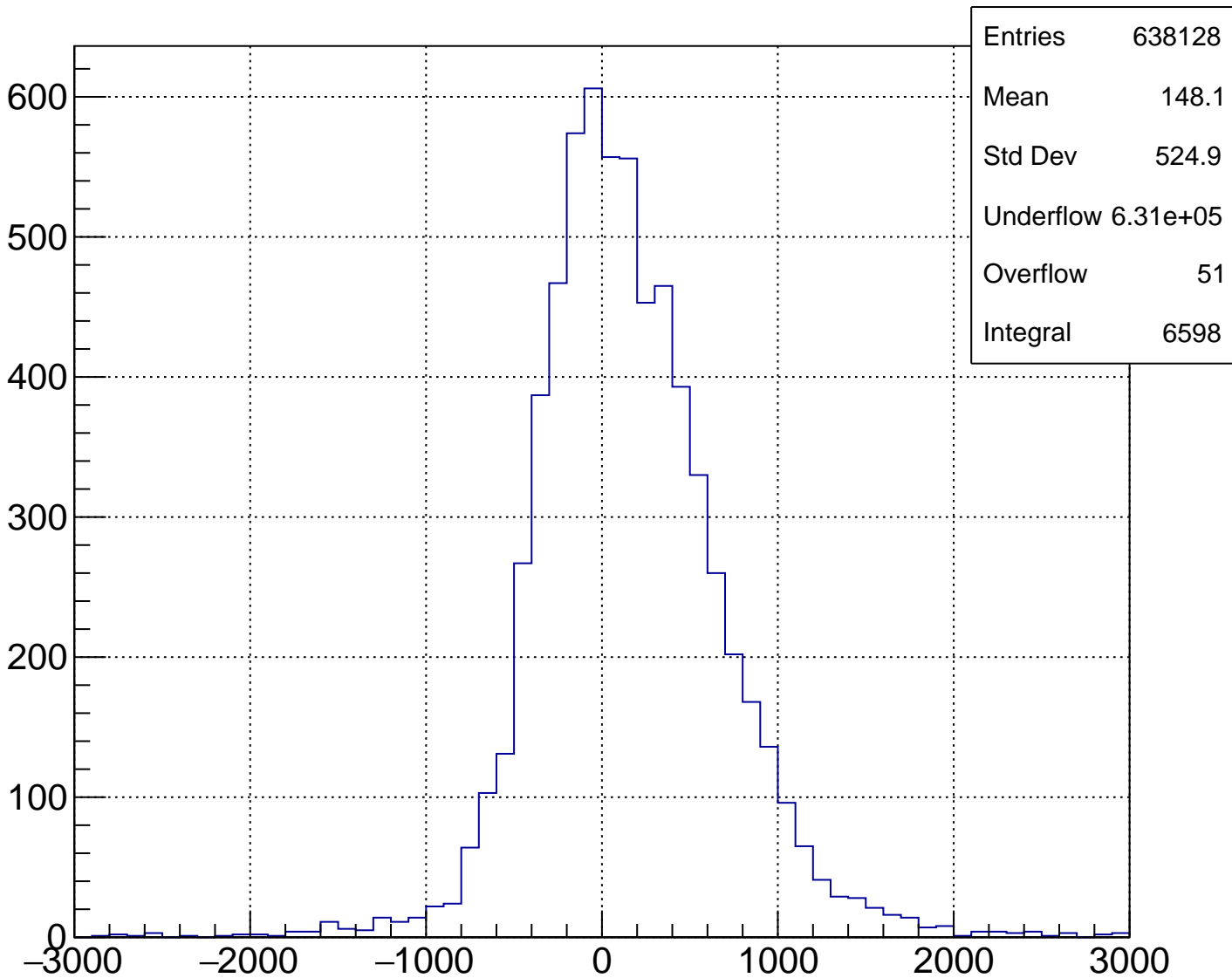
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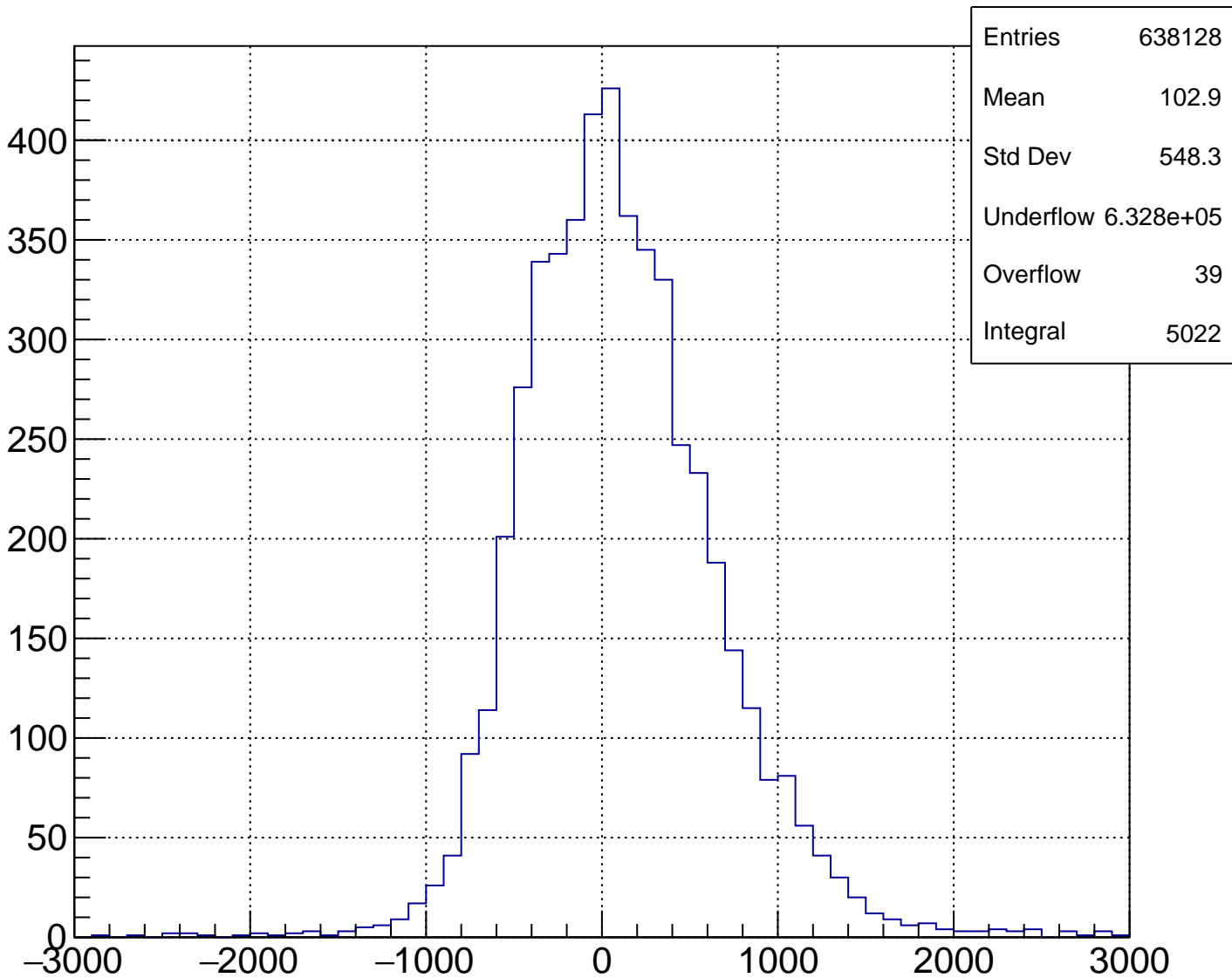
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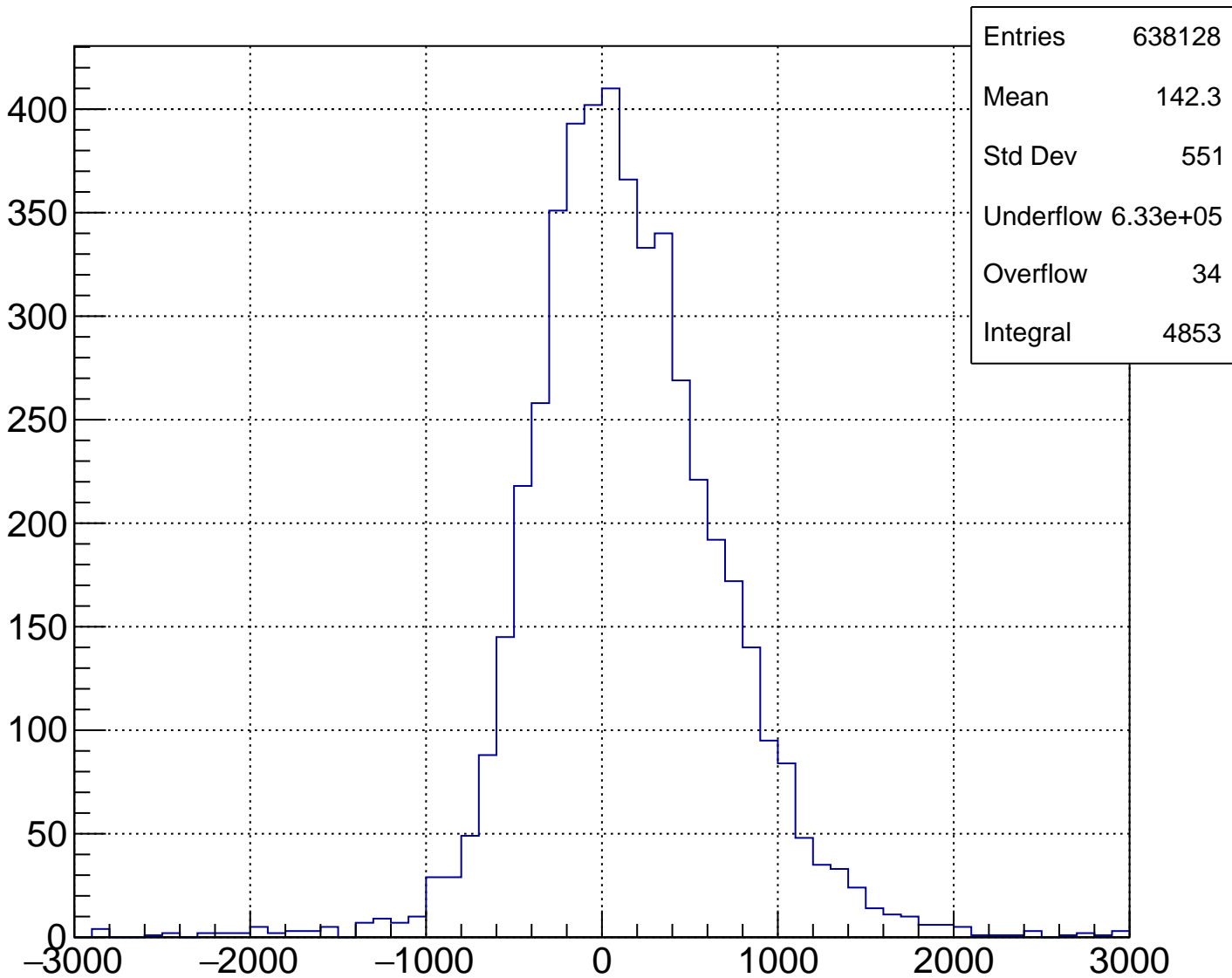
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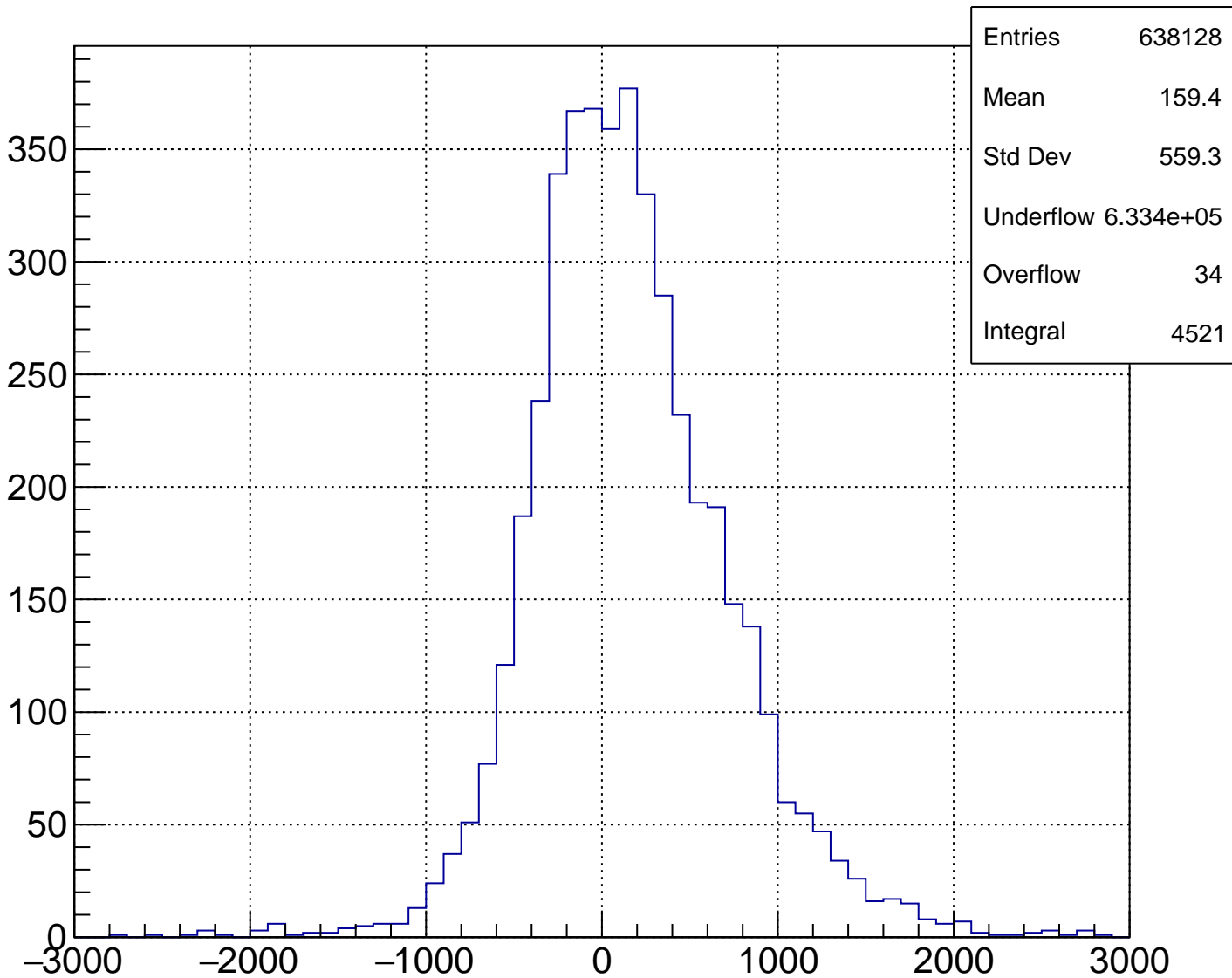
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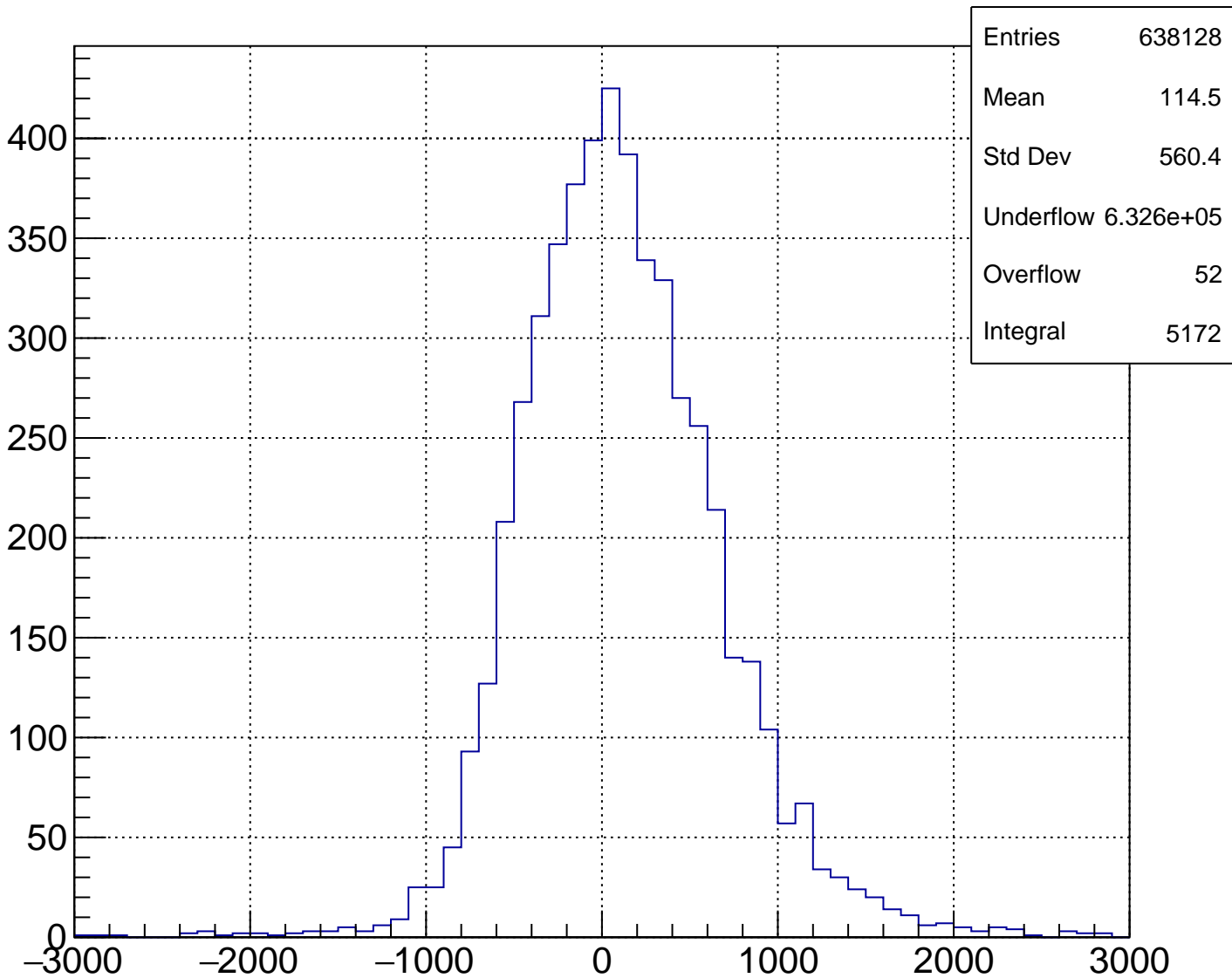
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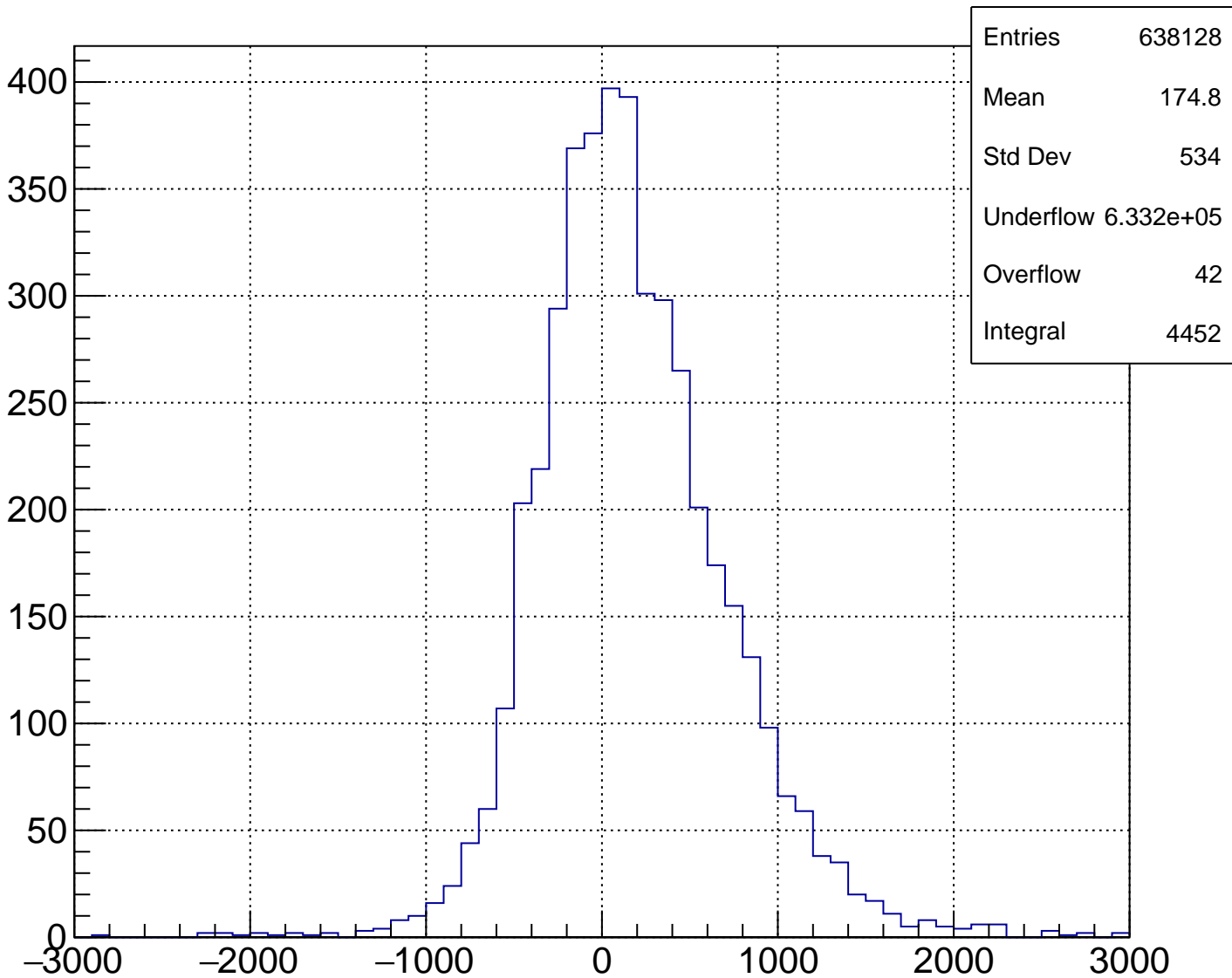
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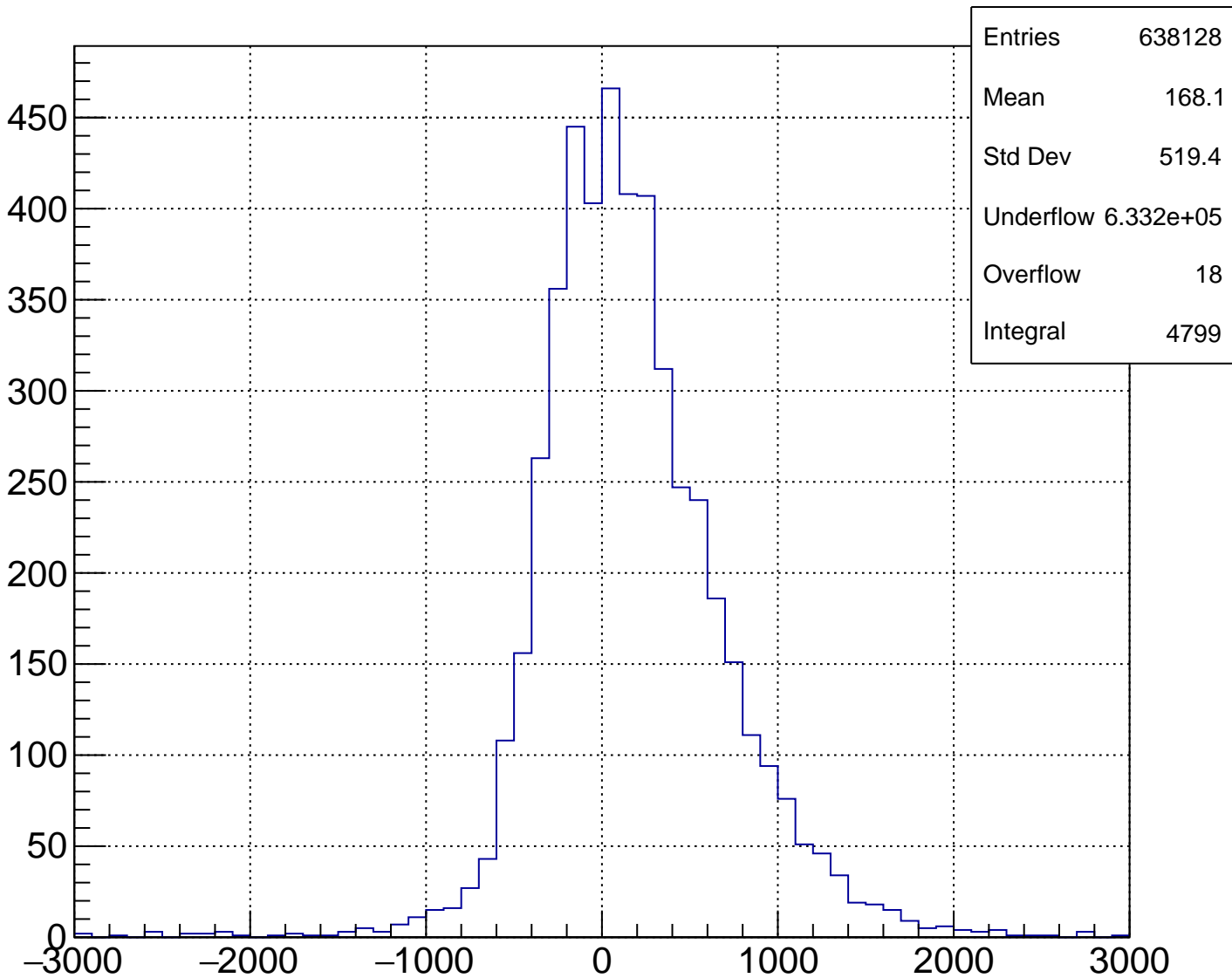
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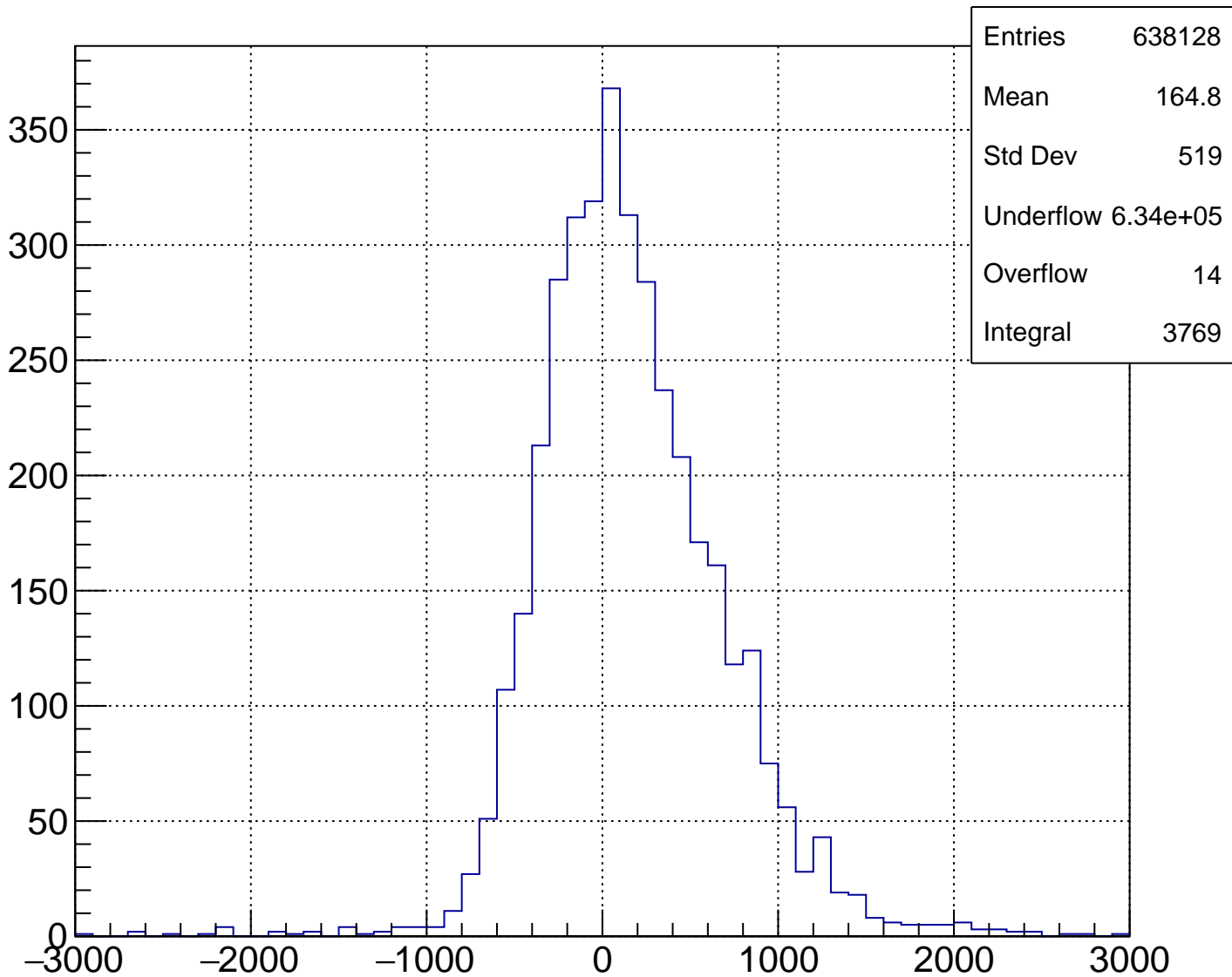
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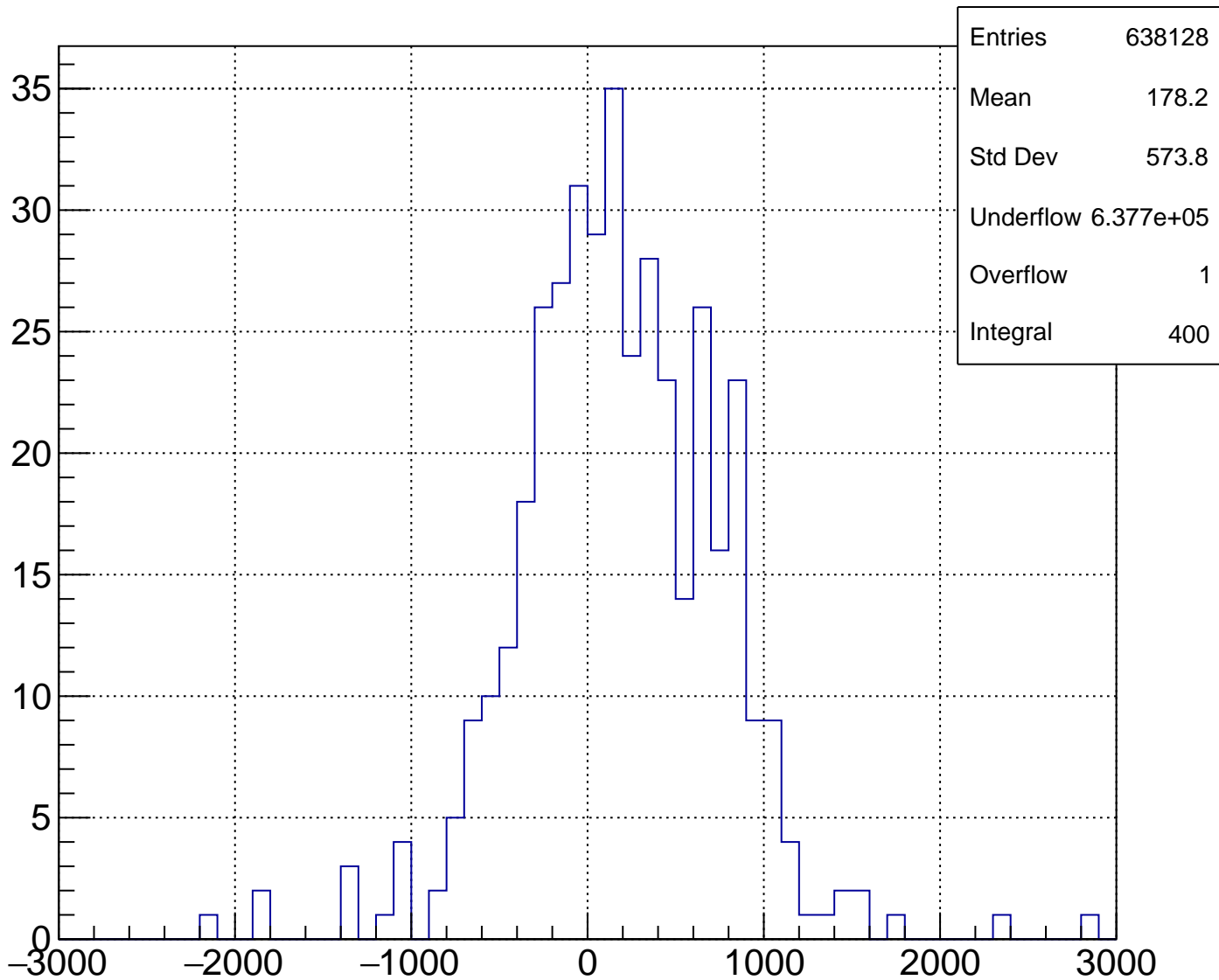
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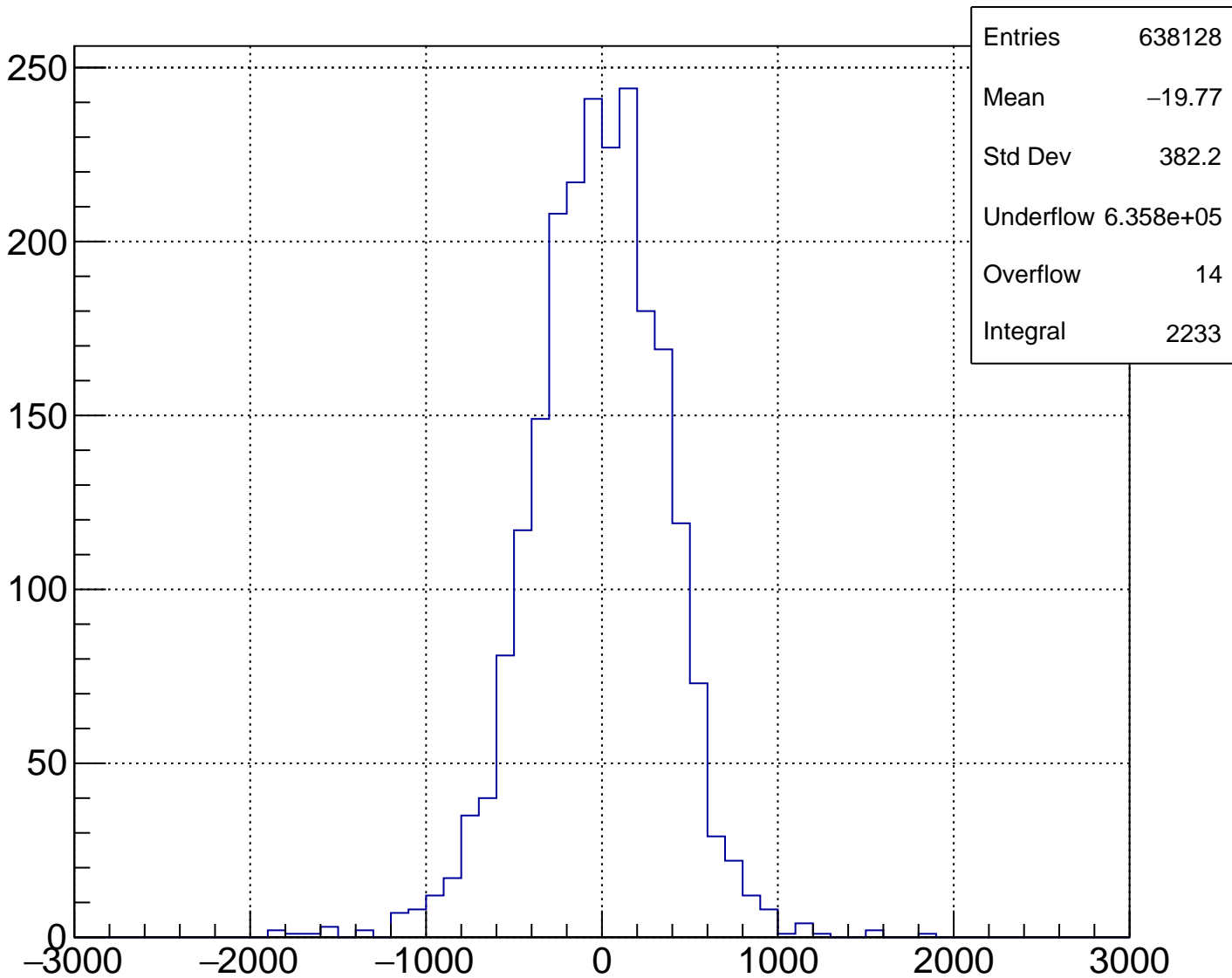
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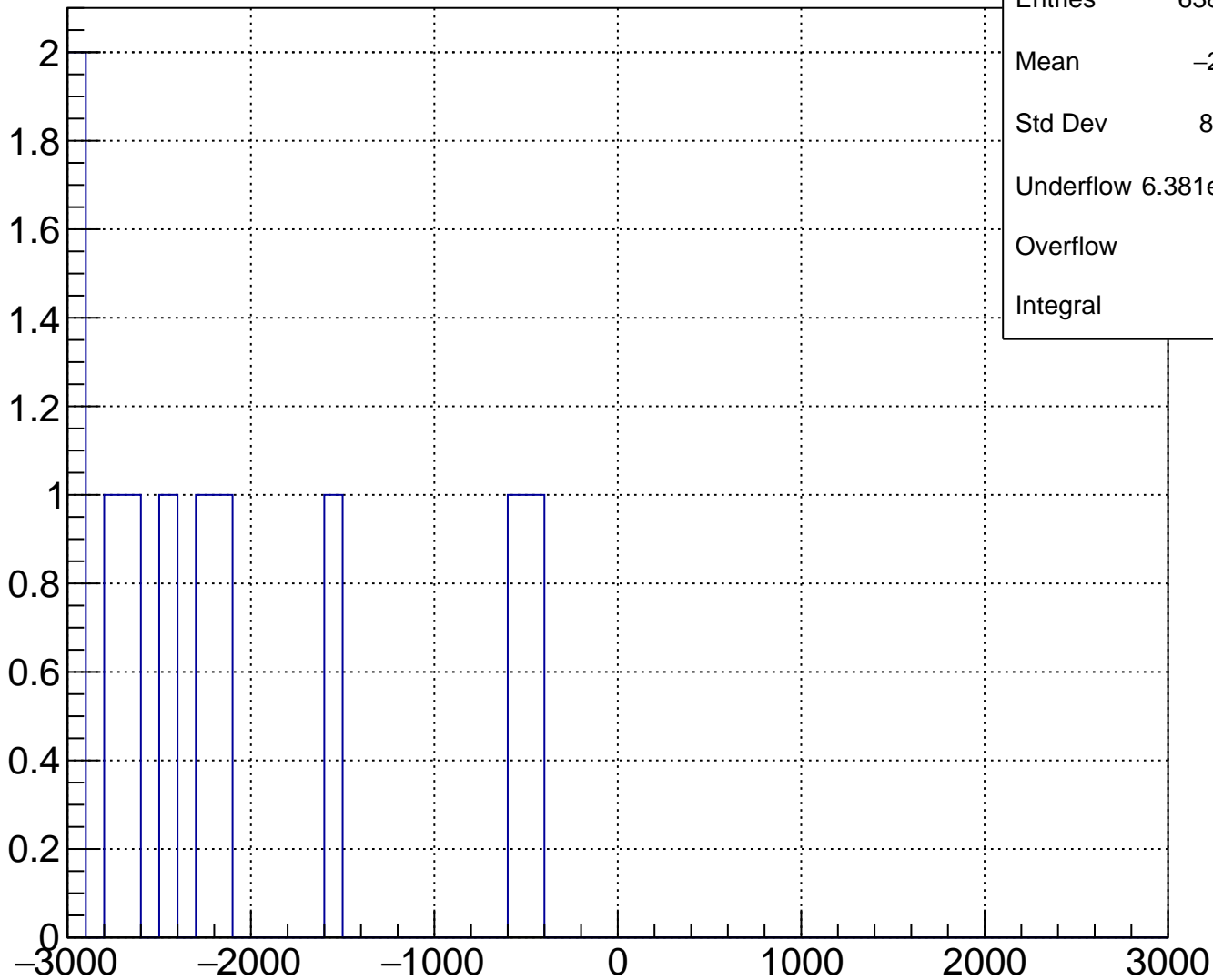
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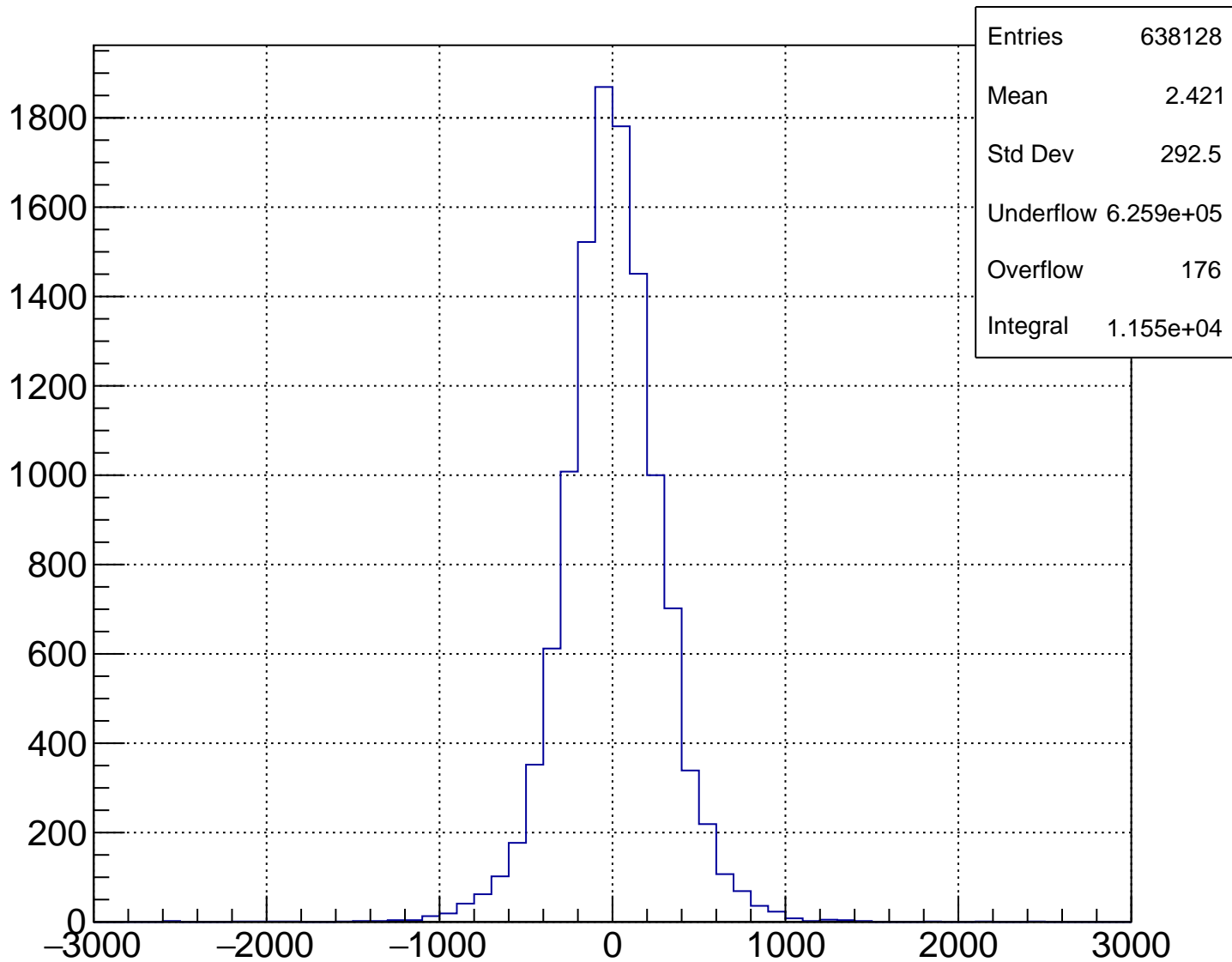


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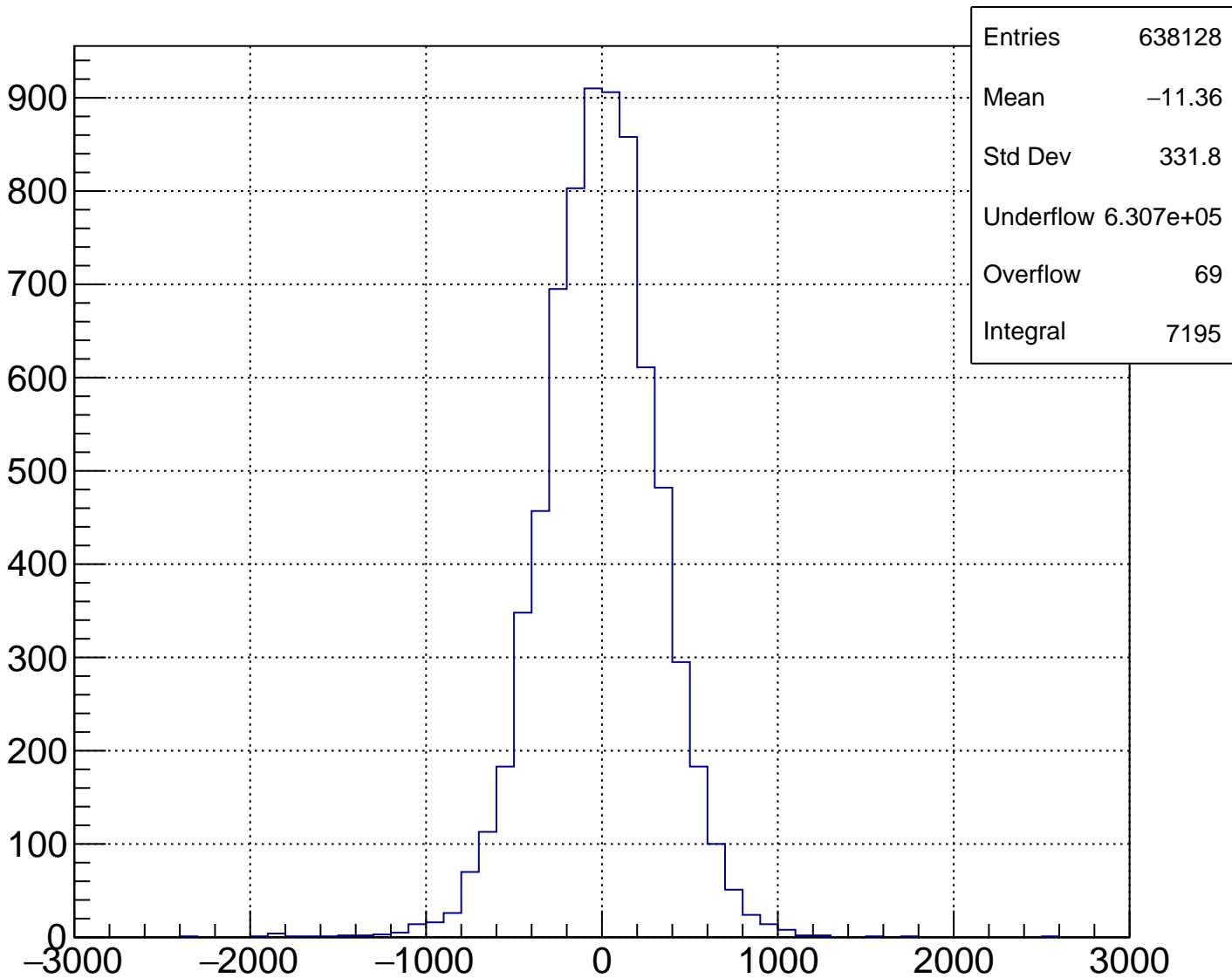


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Mean	-2070
Std Dev	879.5
Underflow	6.381e+05
Overflow	5
Integral	10

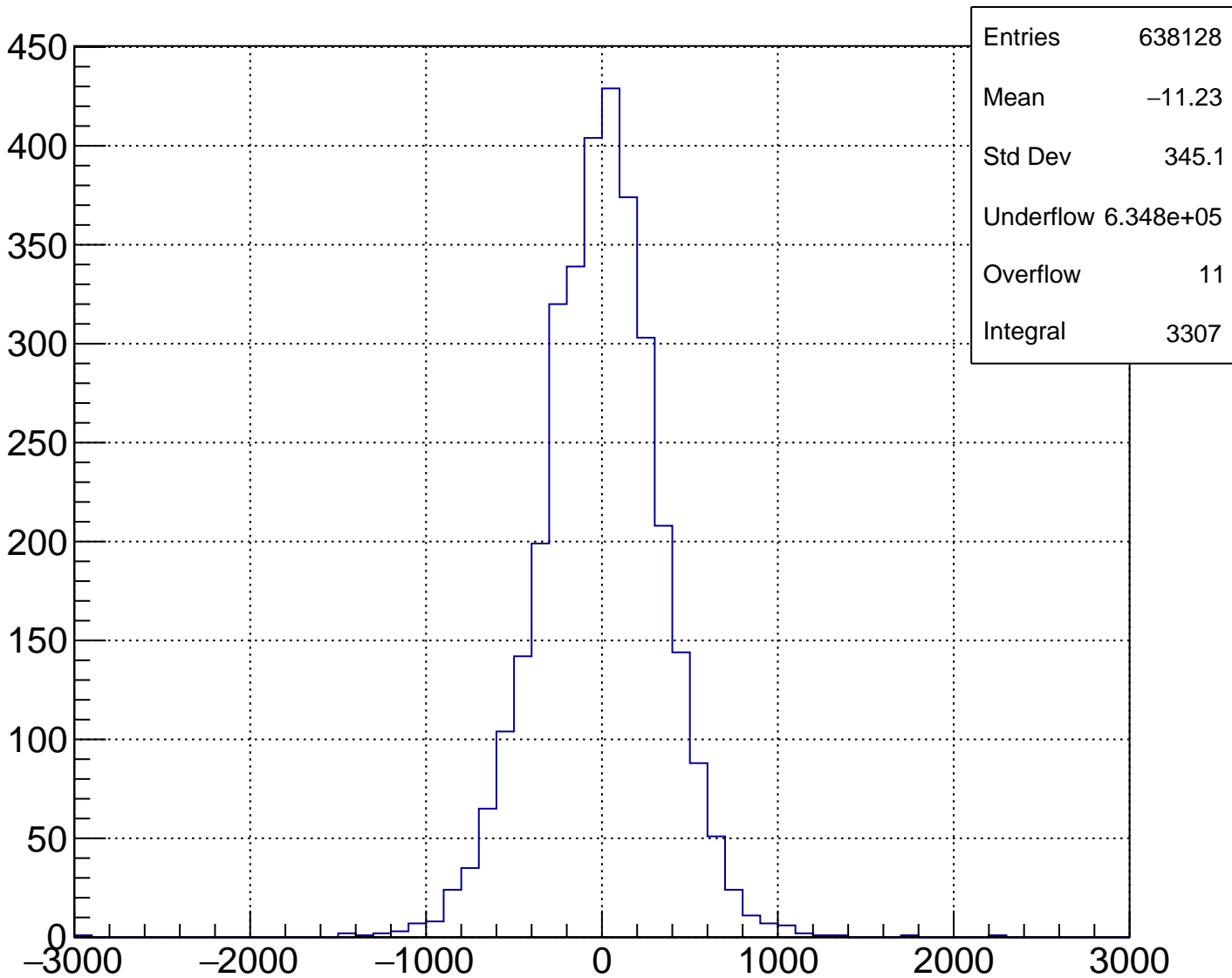
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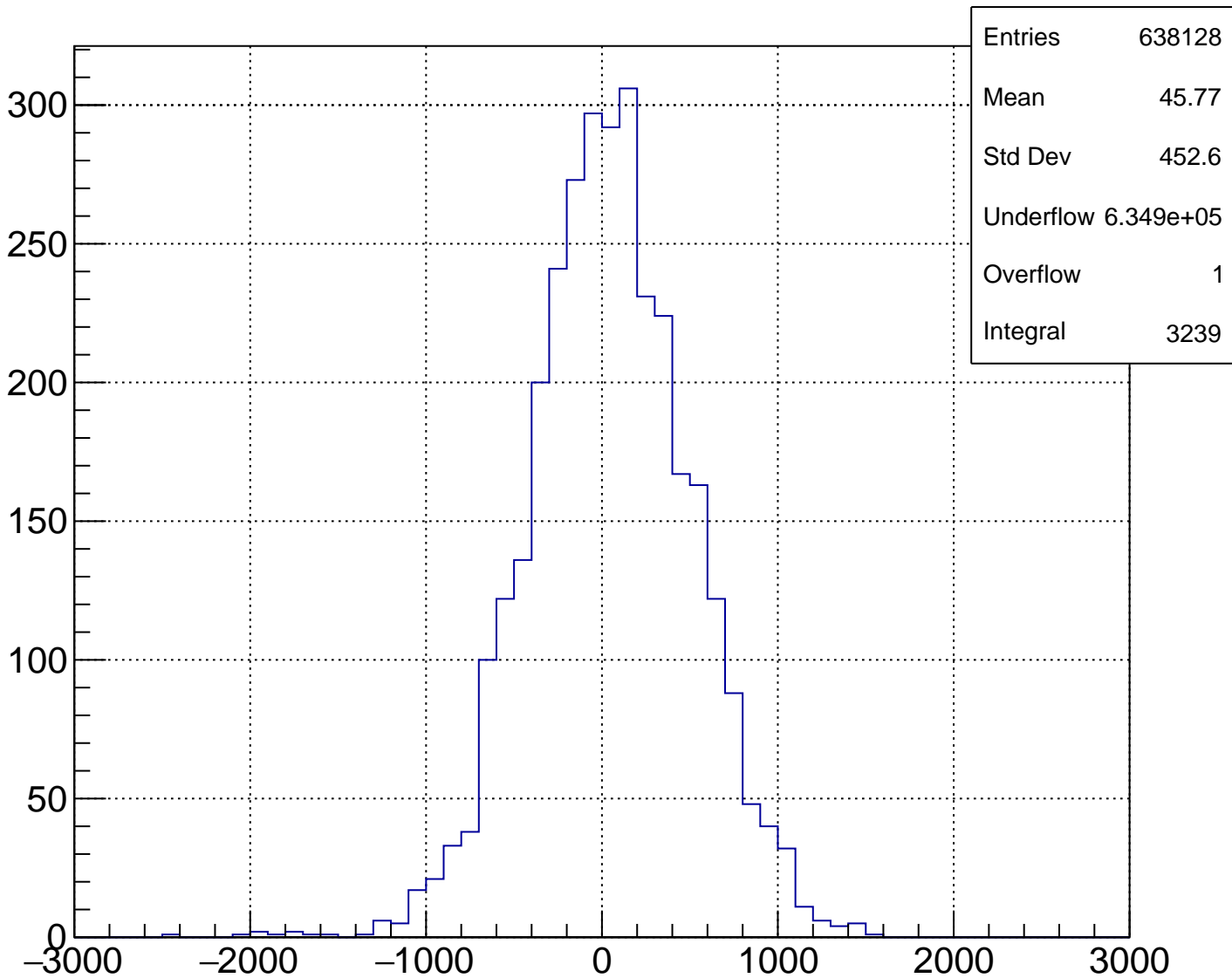
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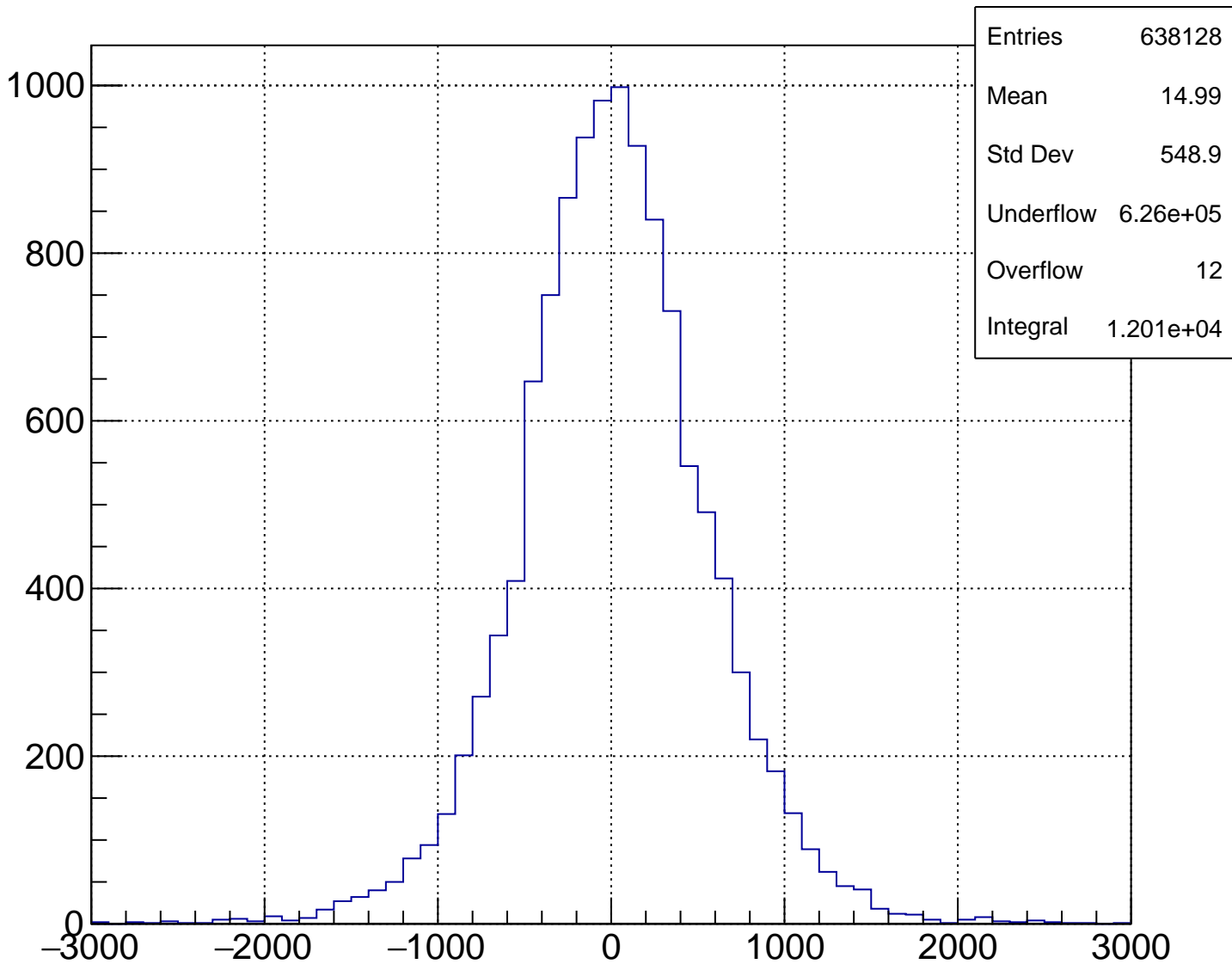
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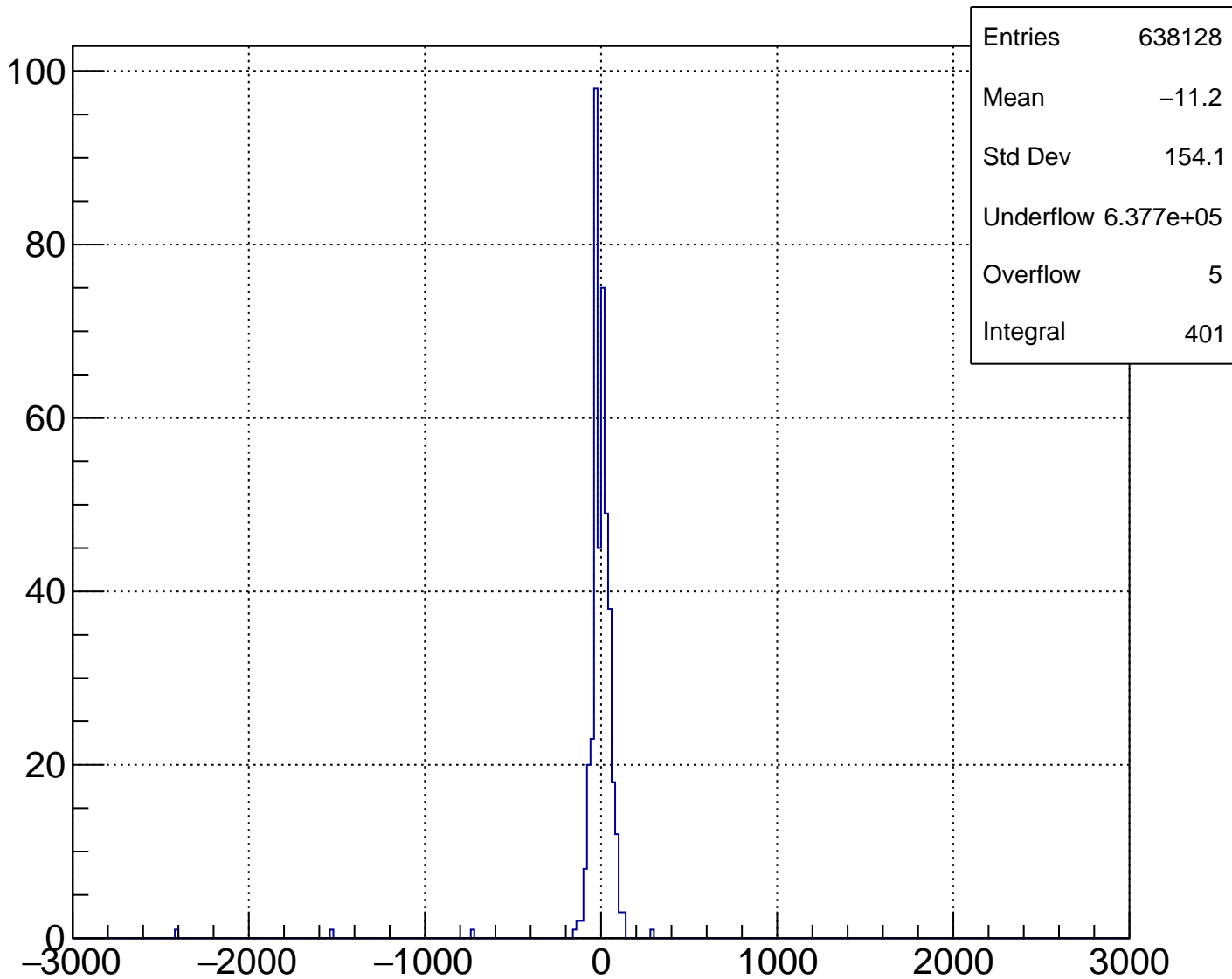
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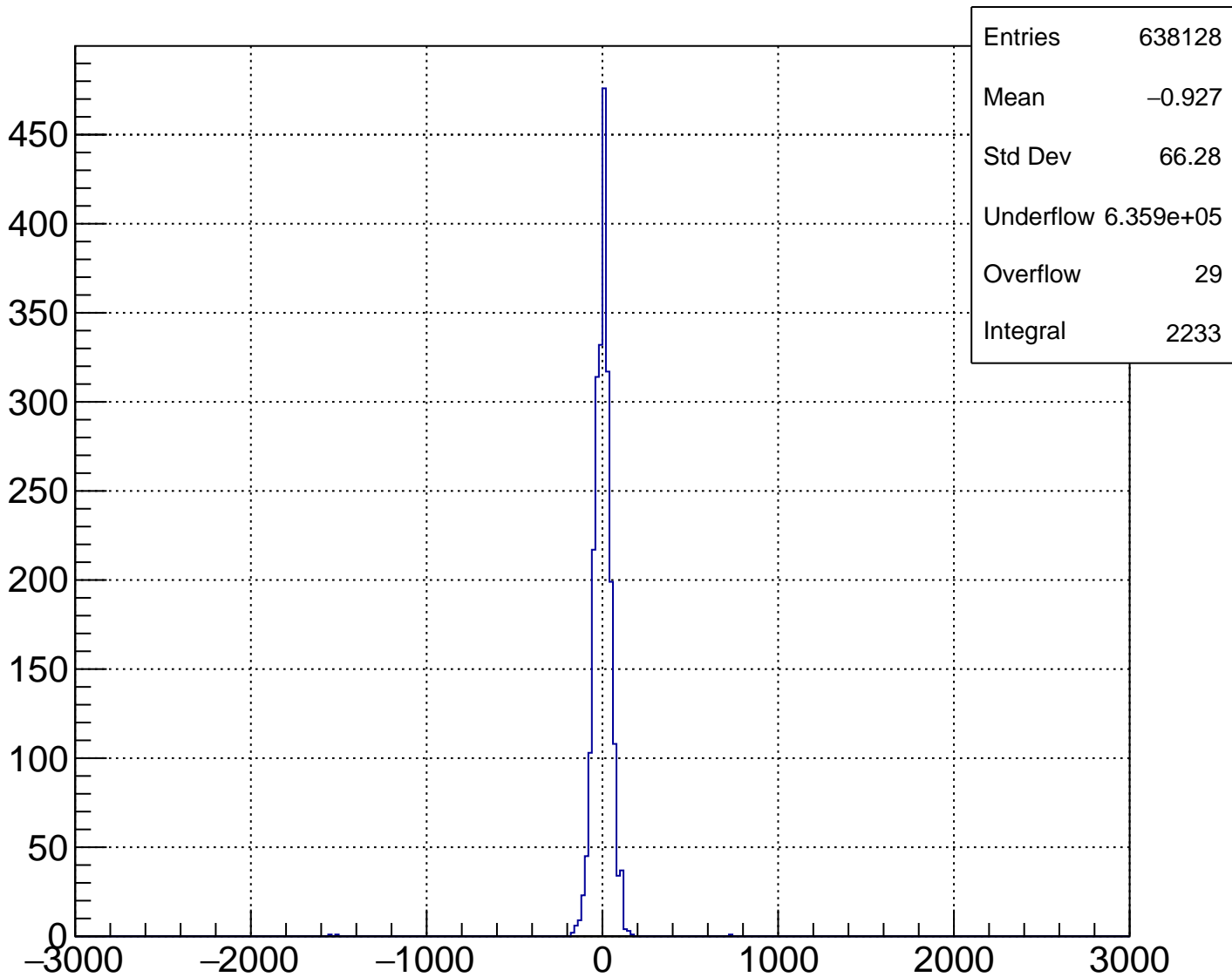
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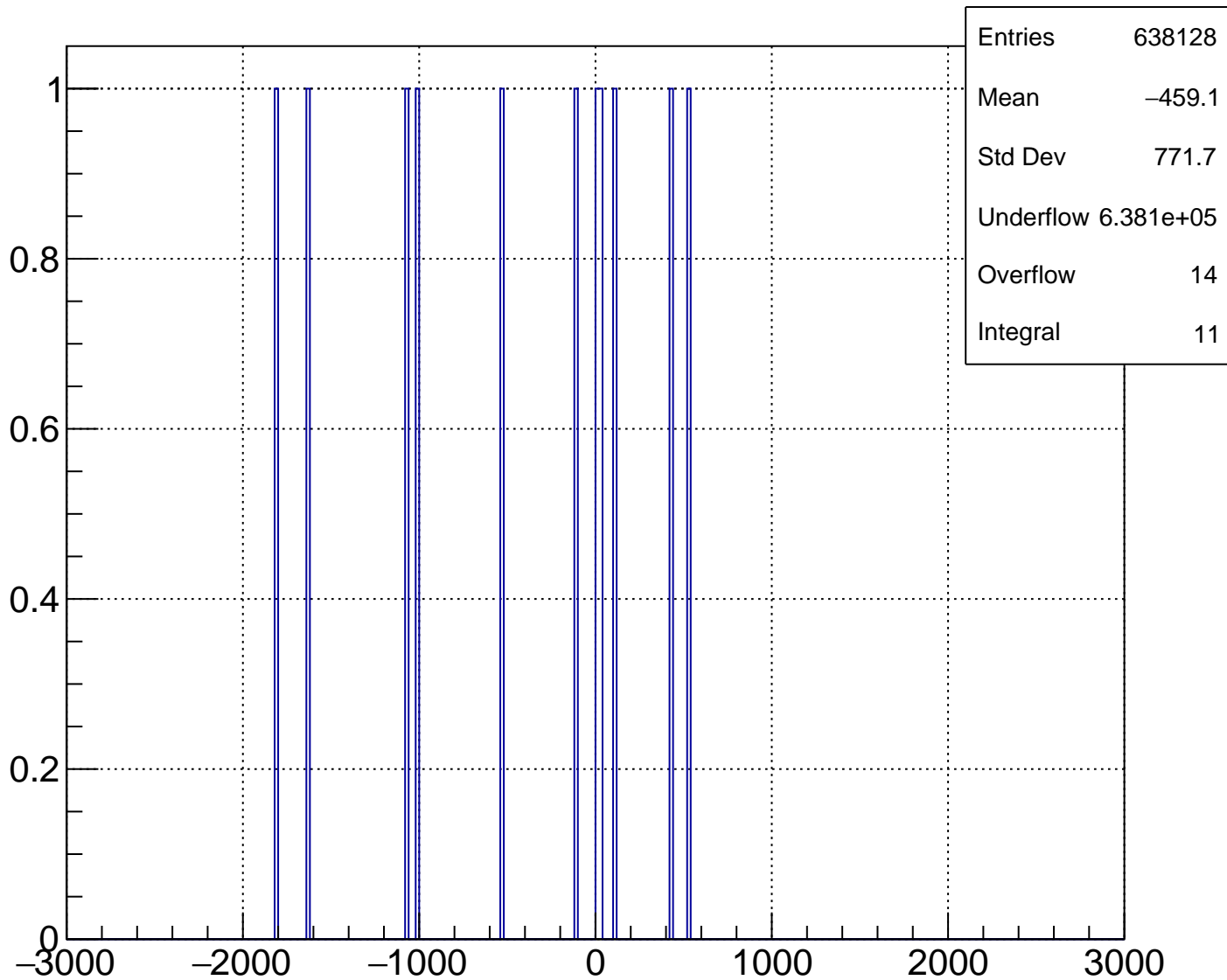
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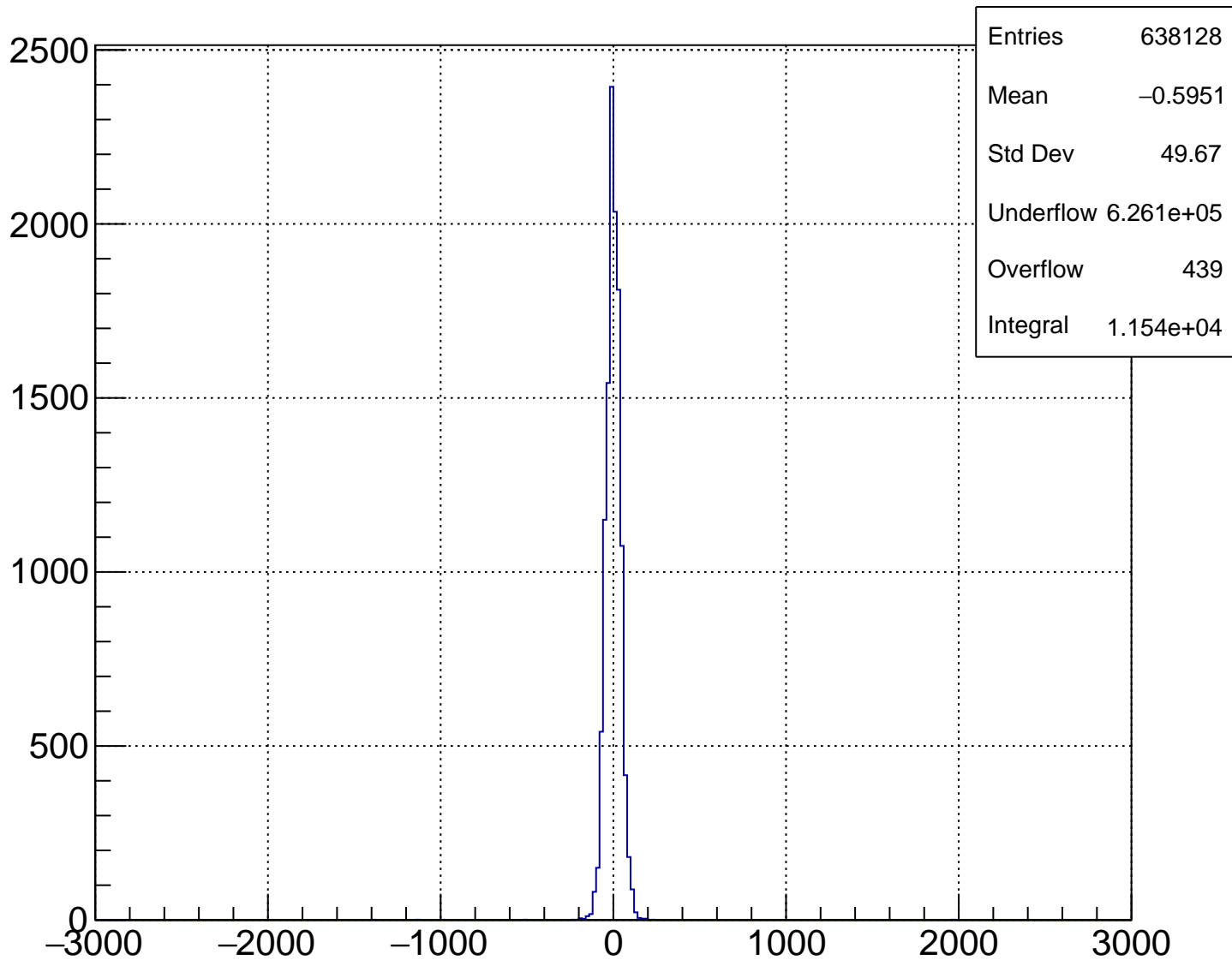
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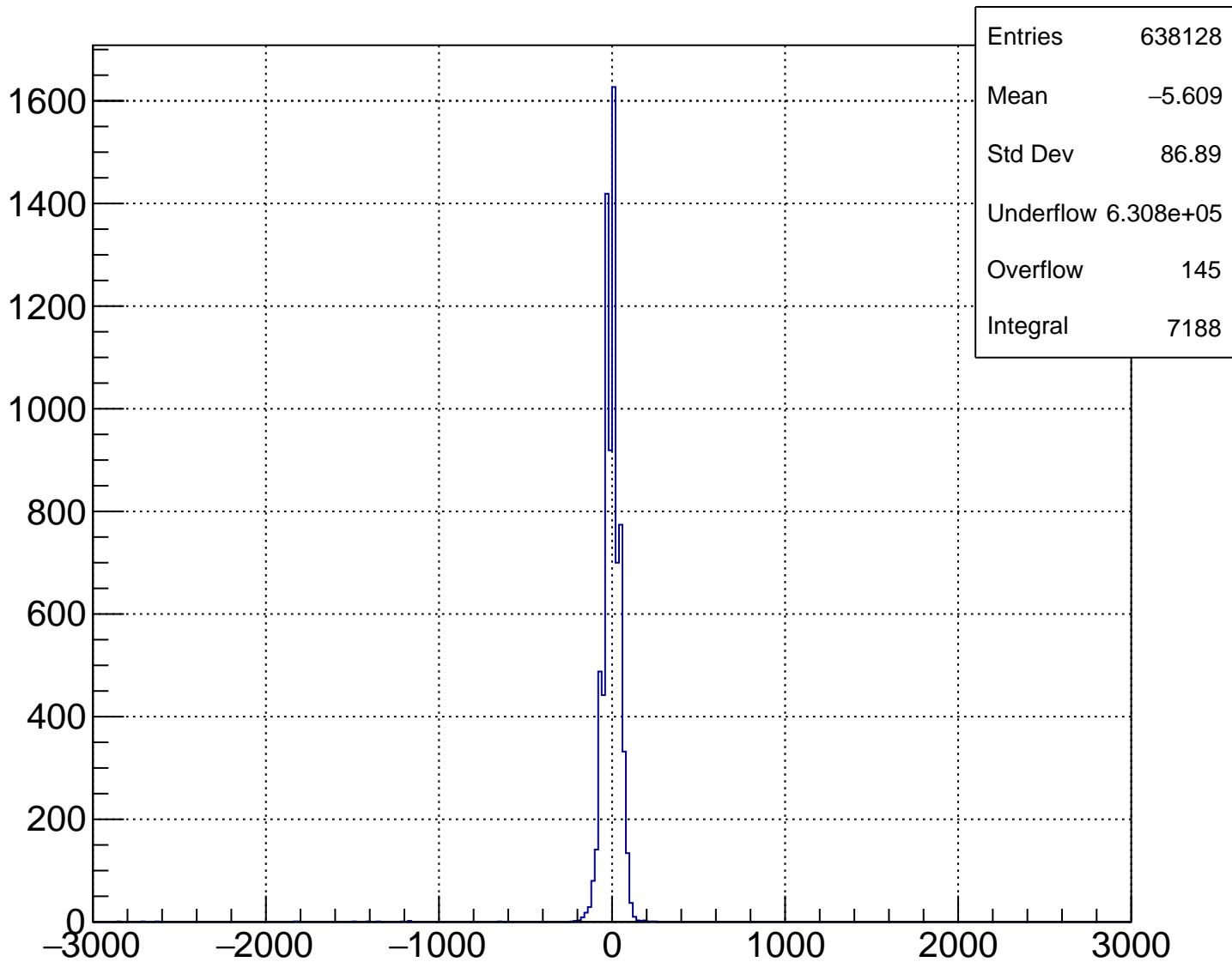
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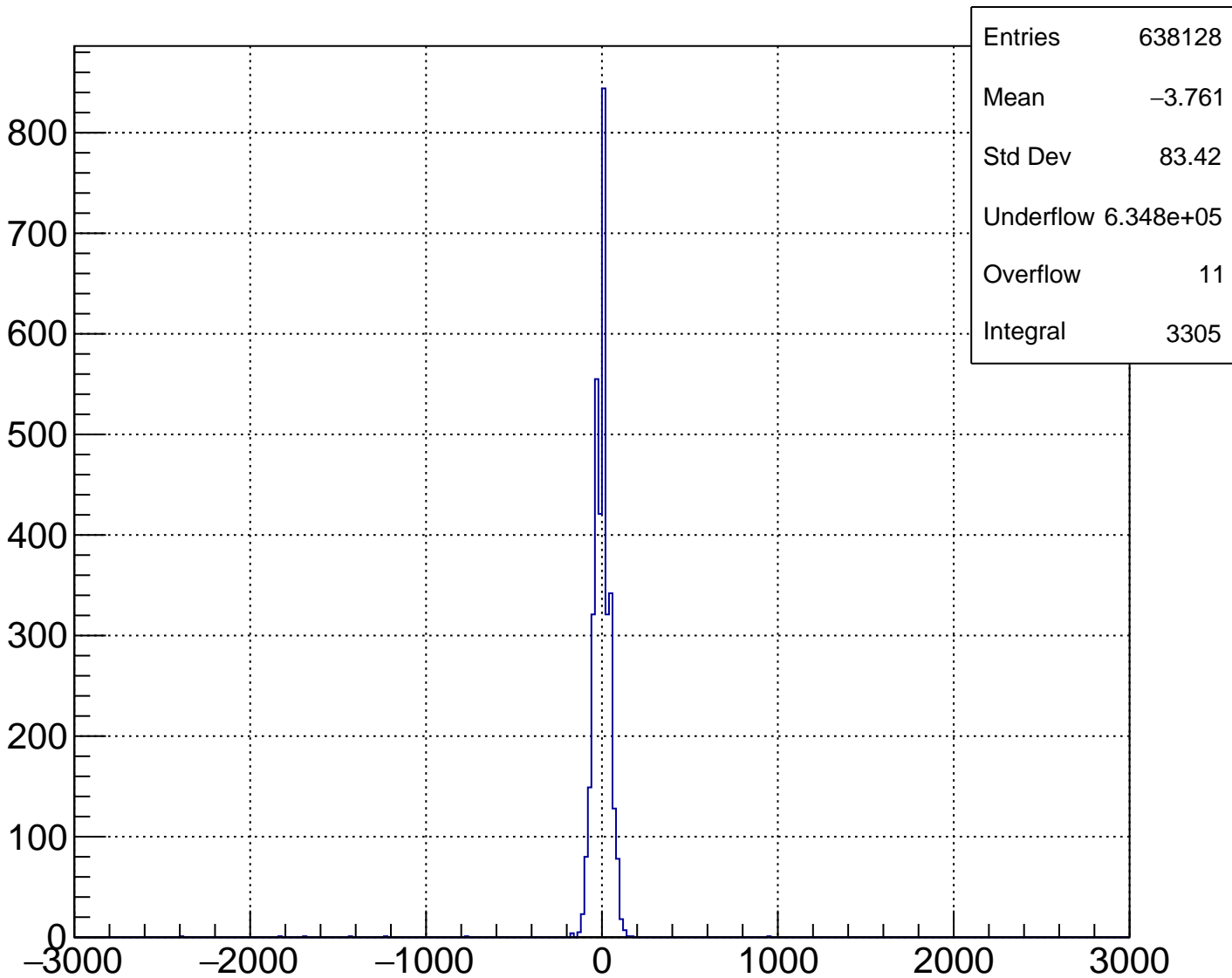
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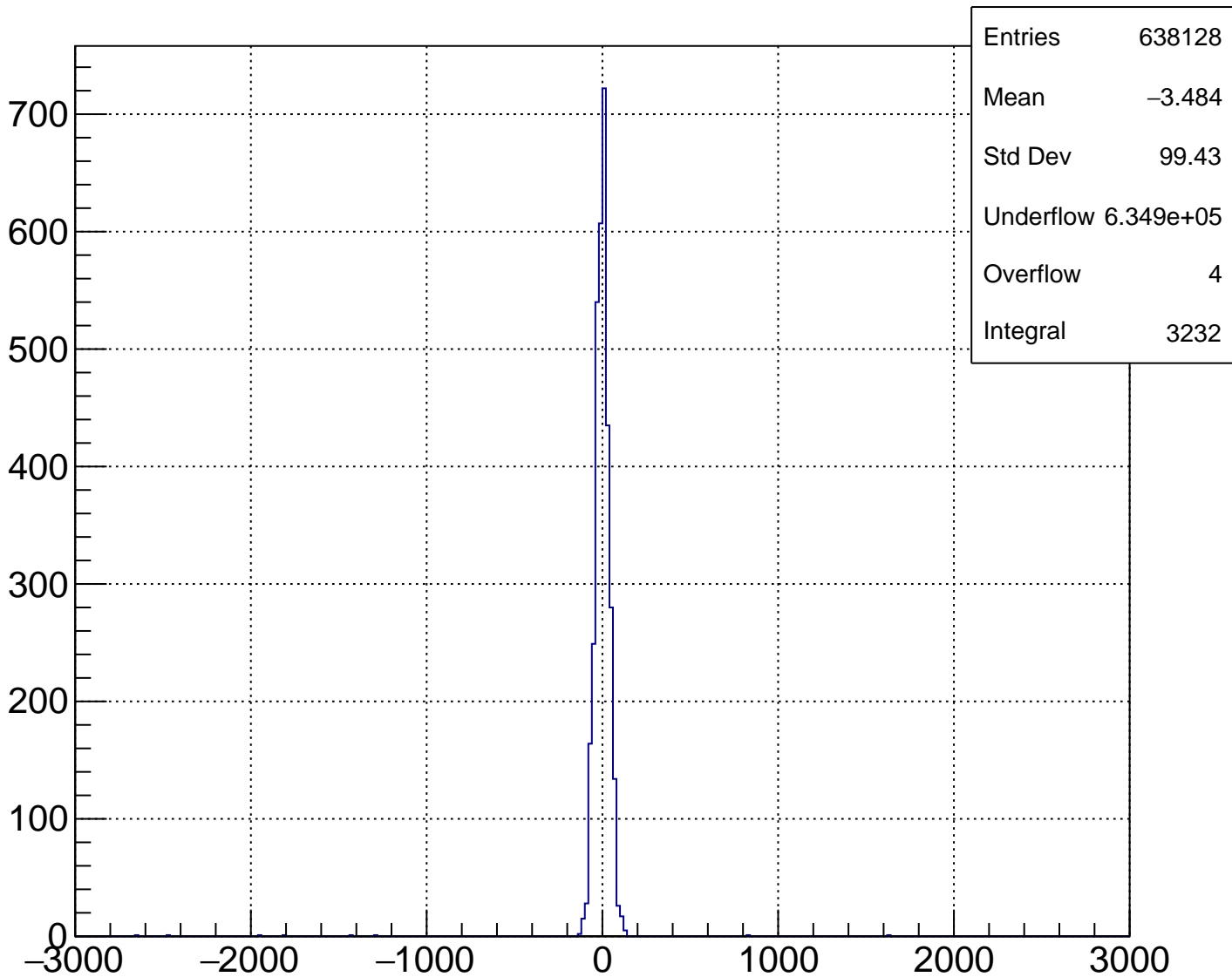
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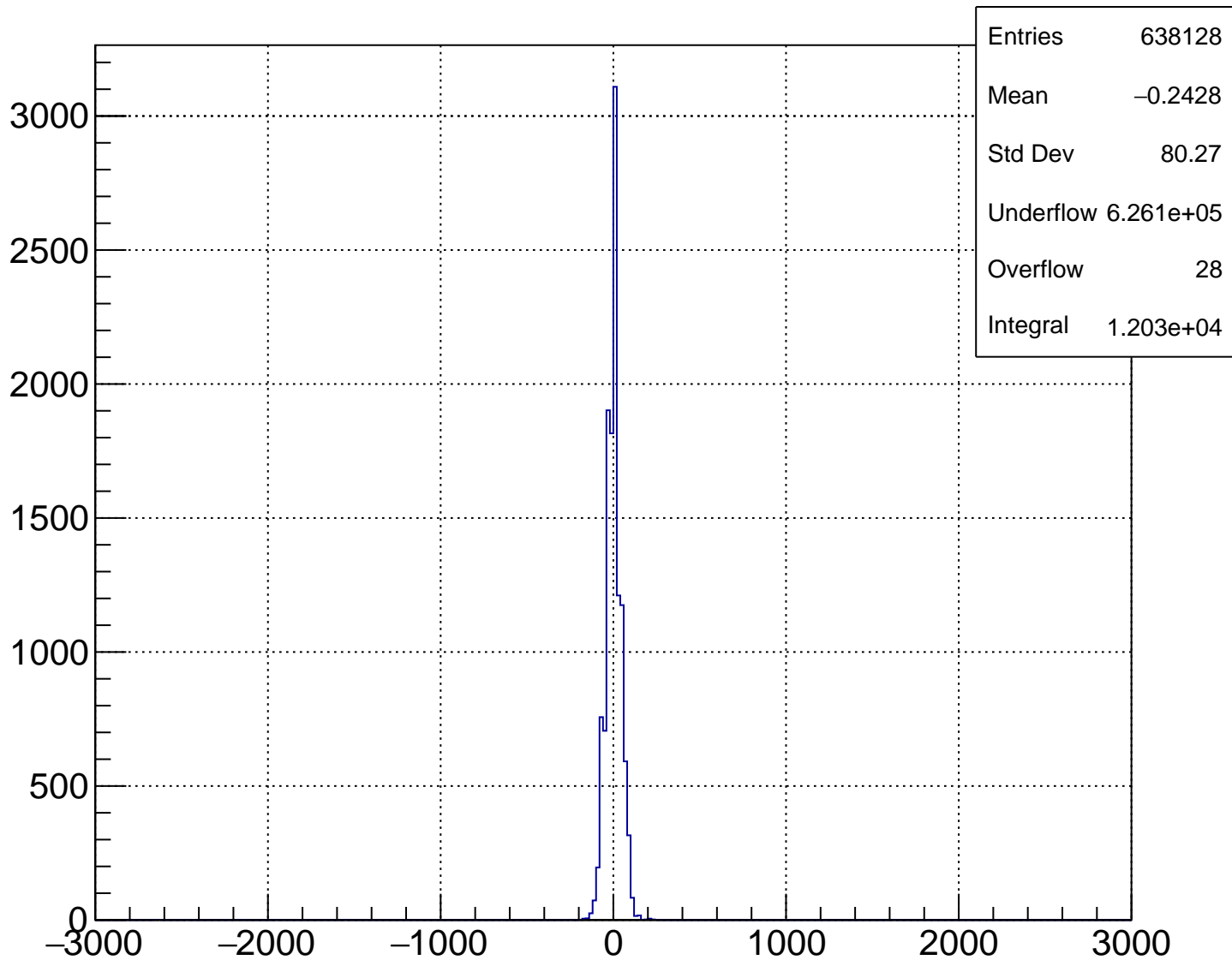
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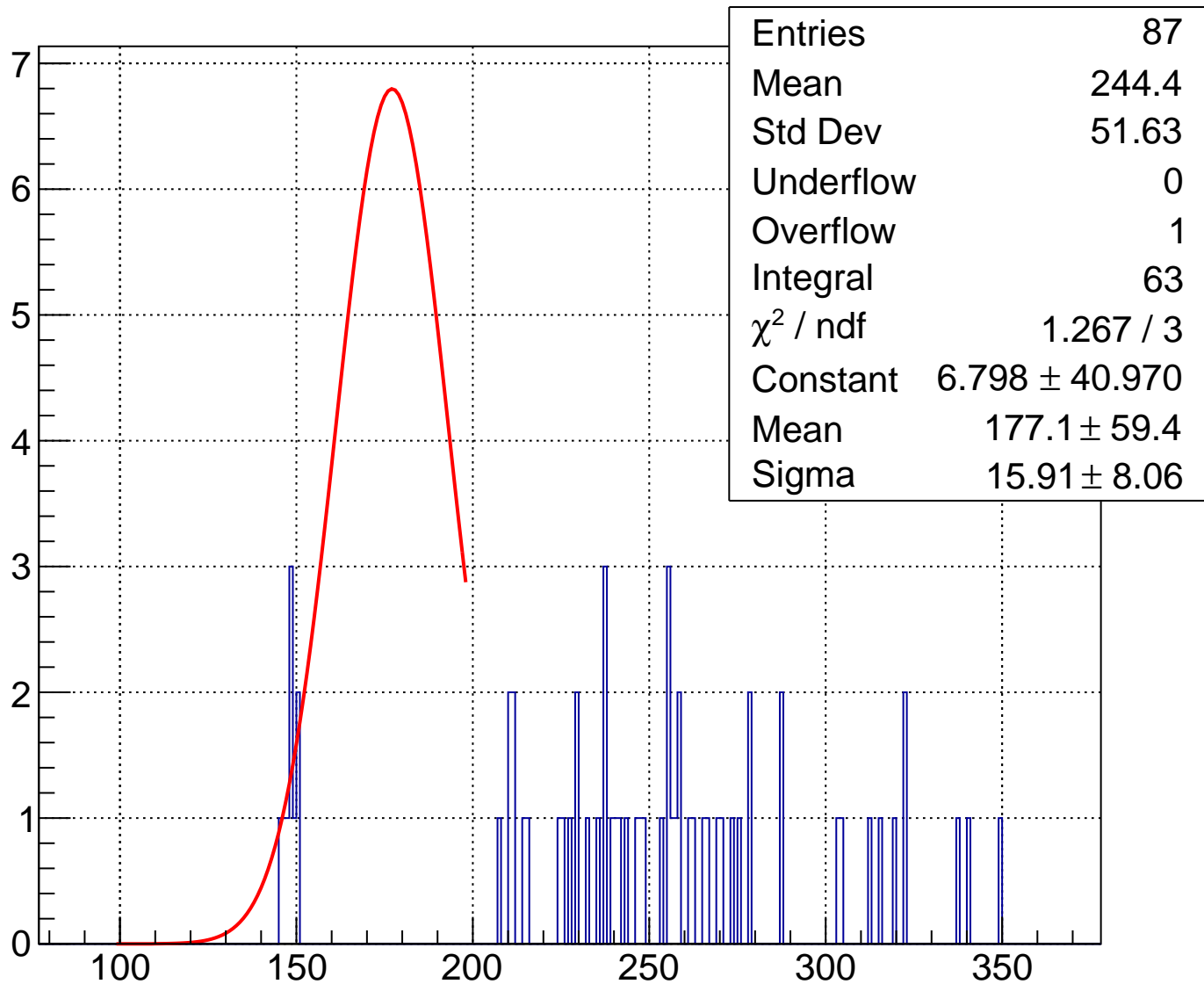
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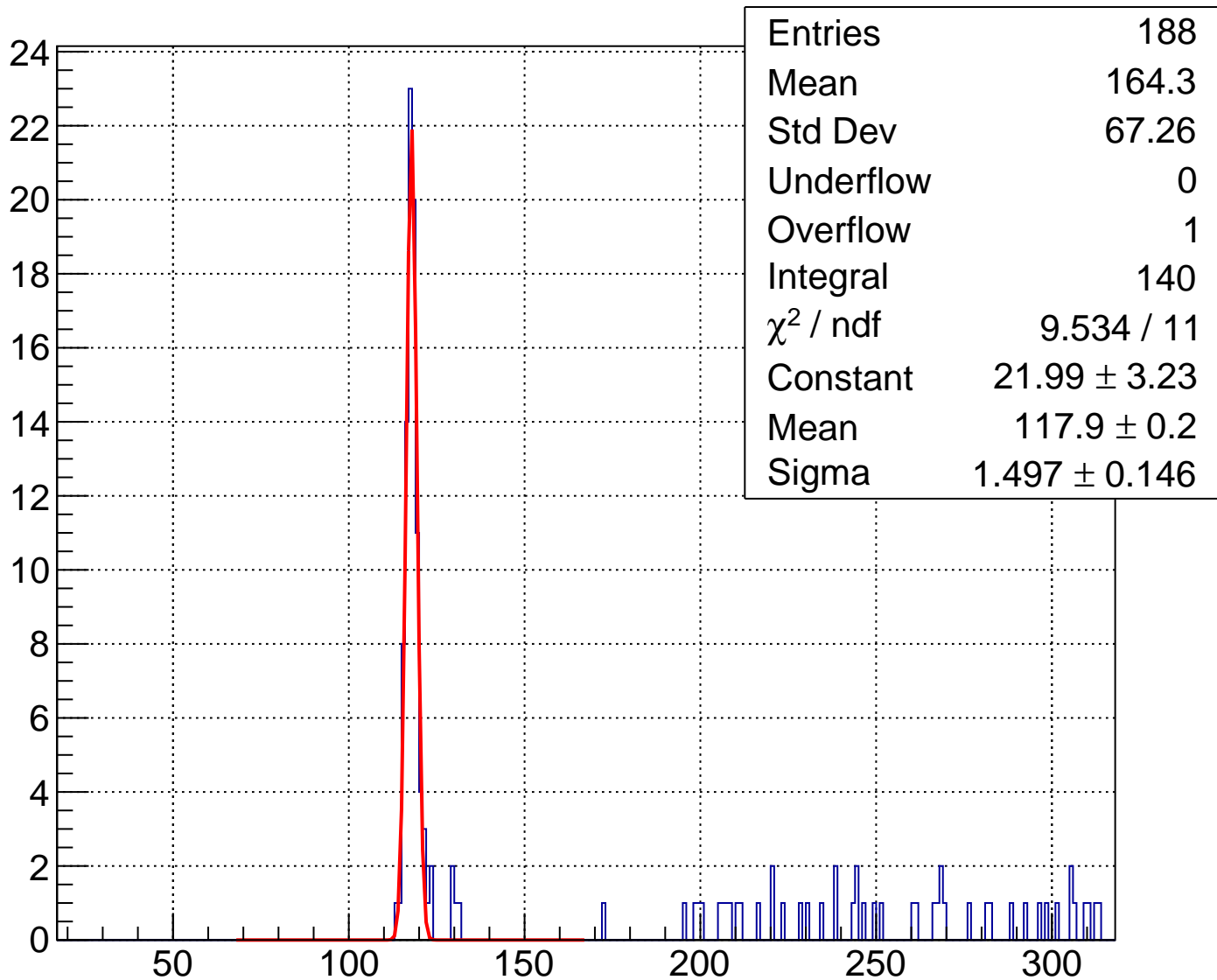
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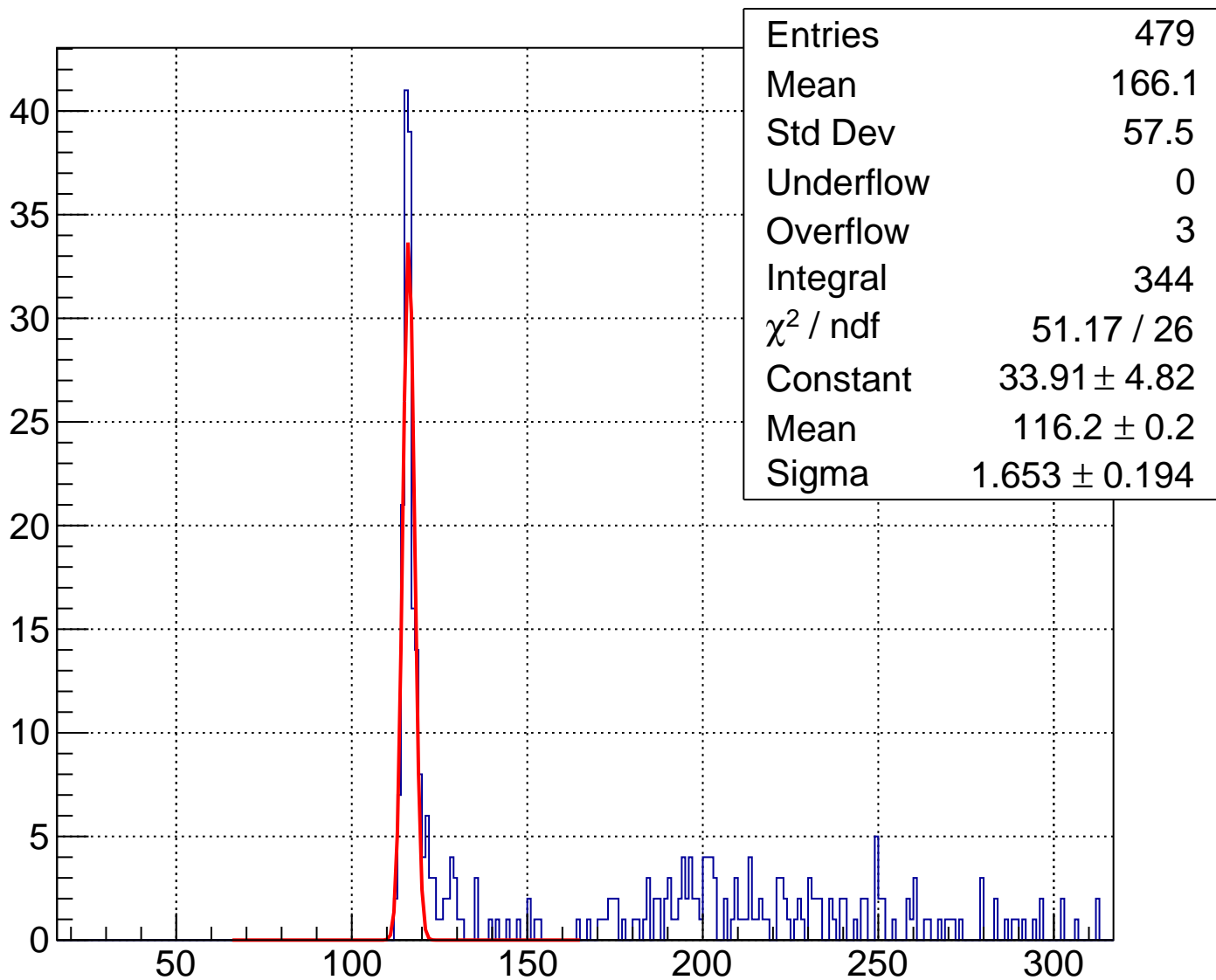
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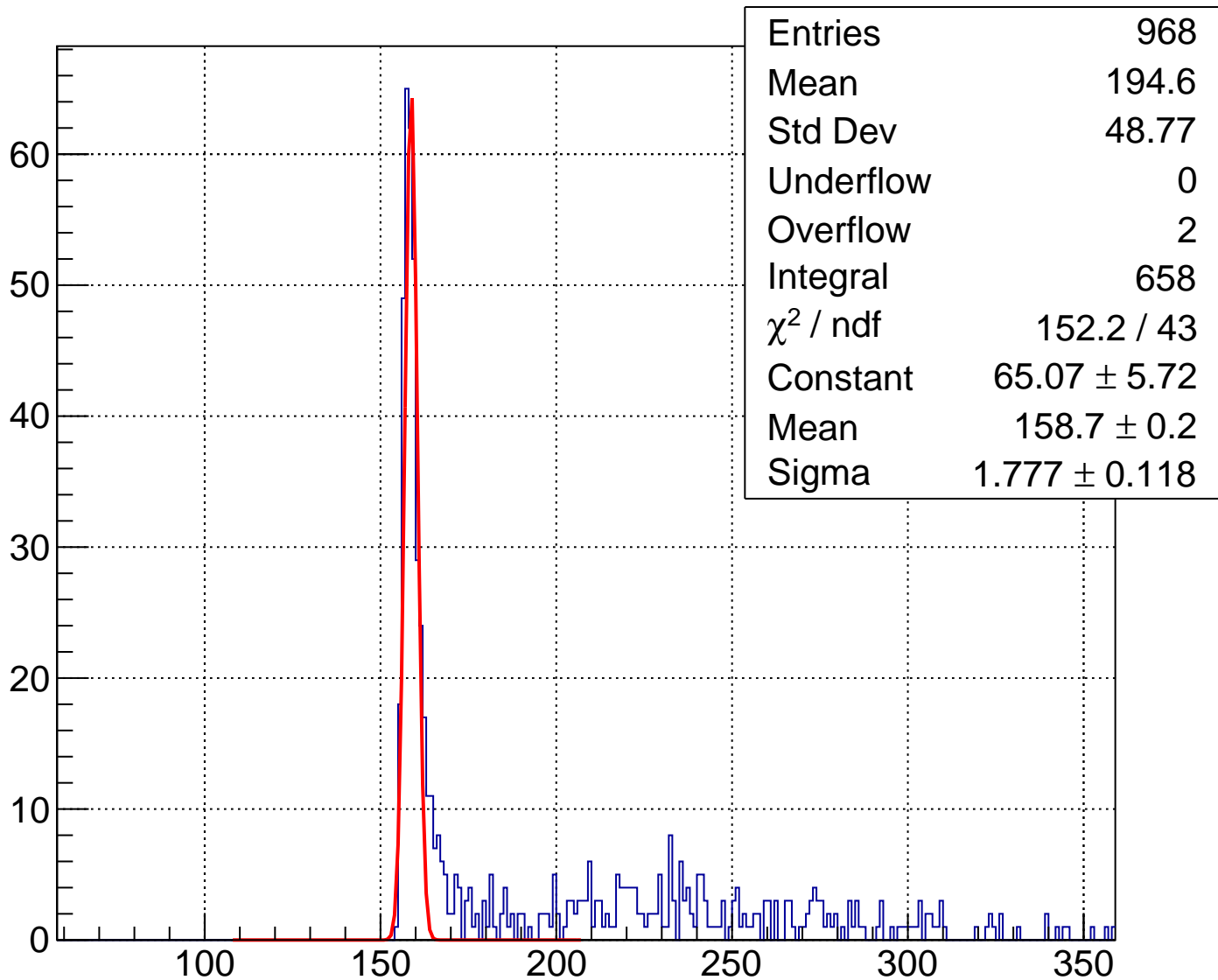
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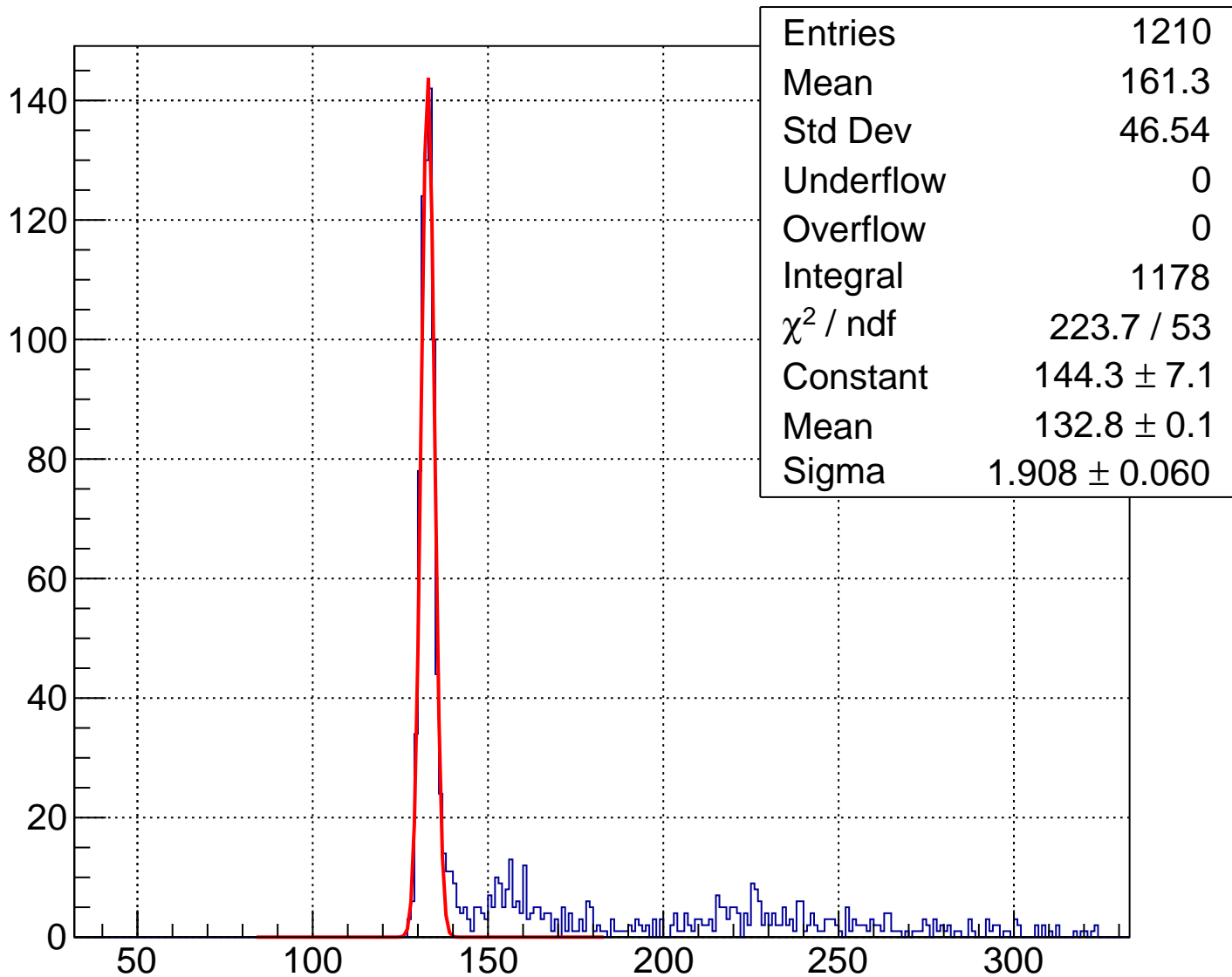
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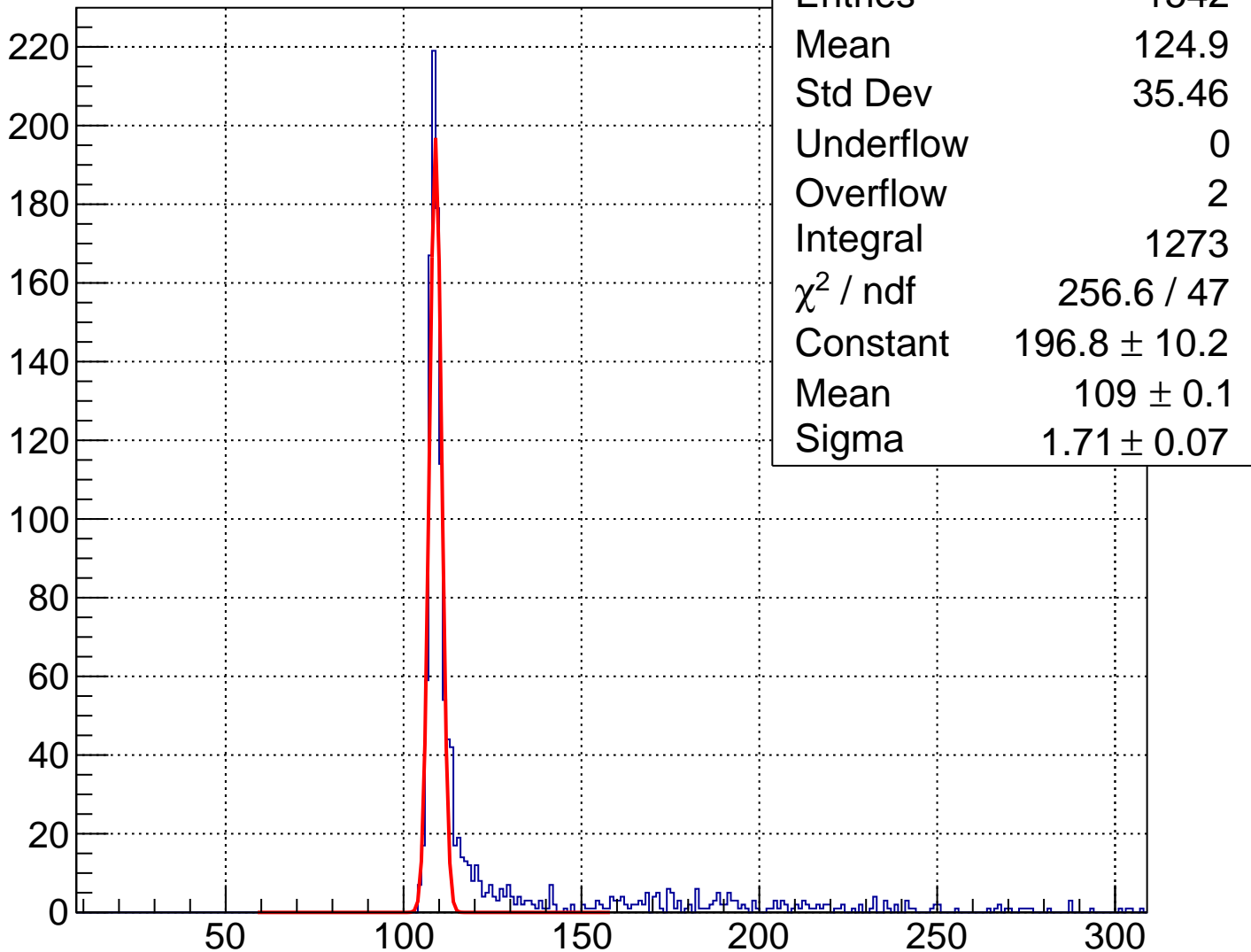
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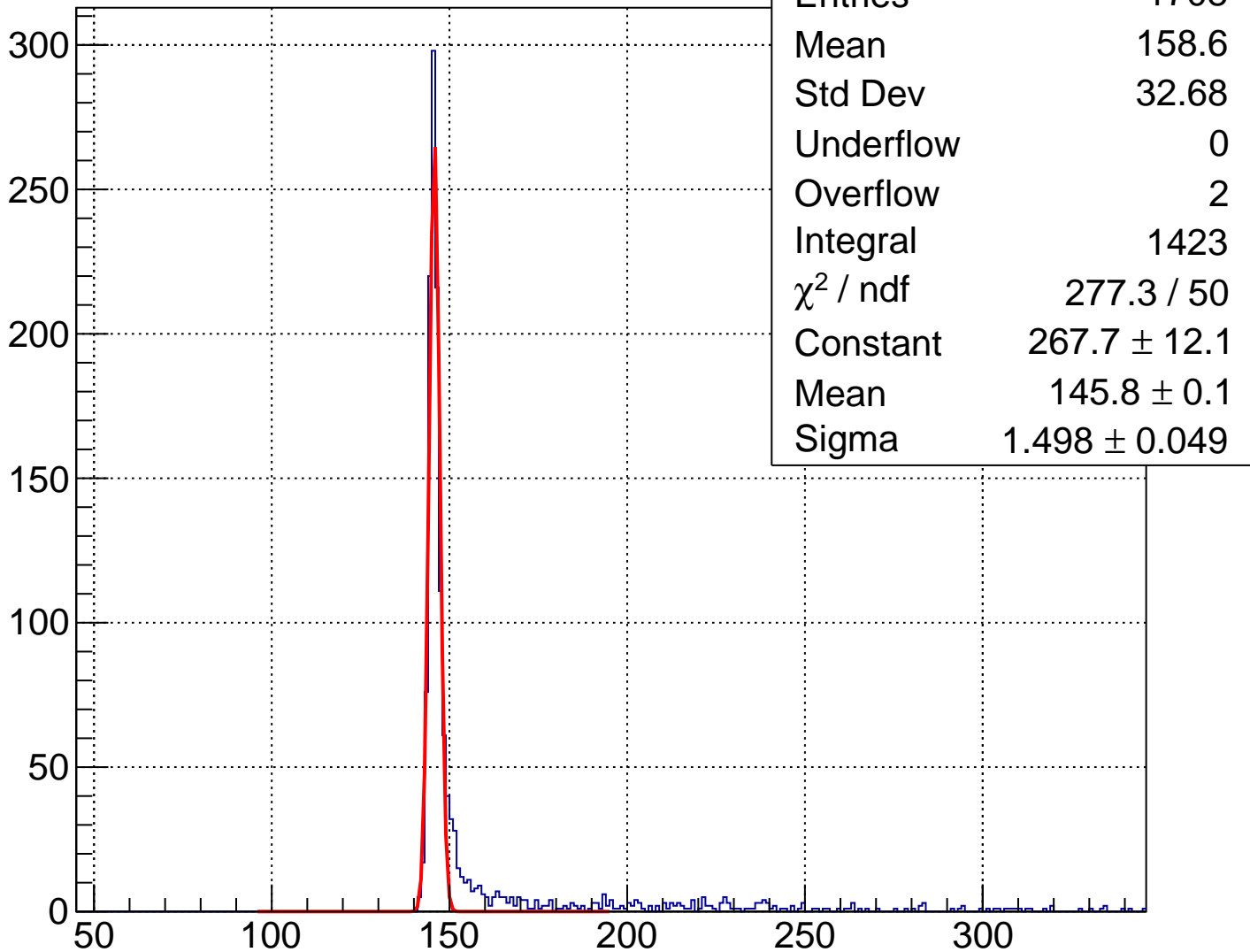
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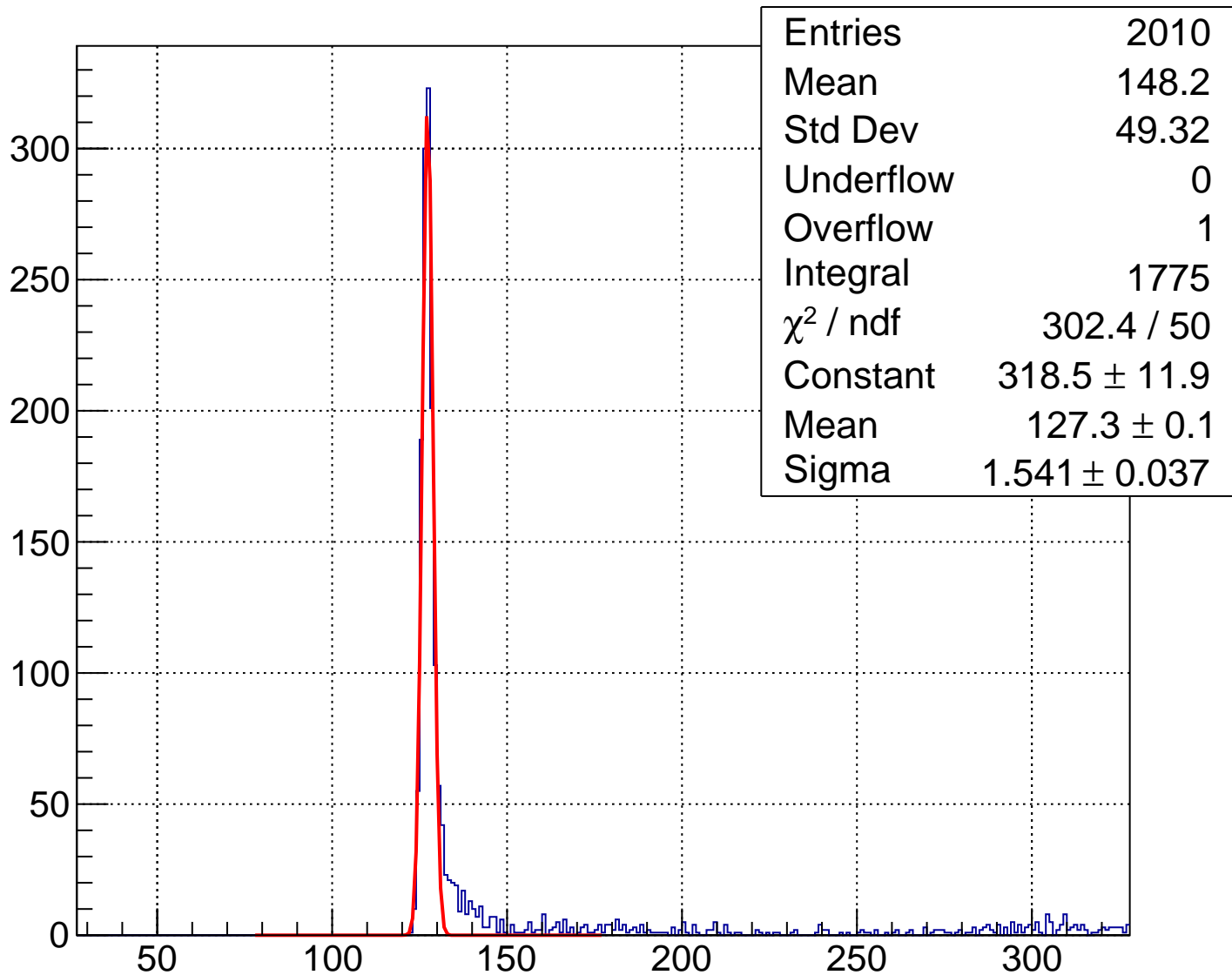
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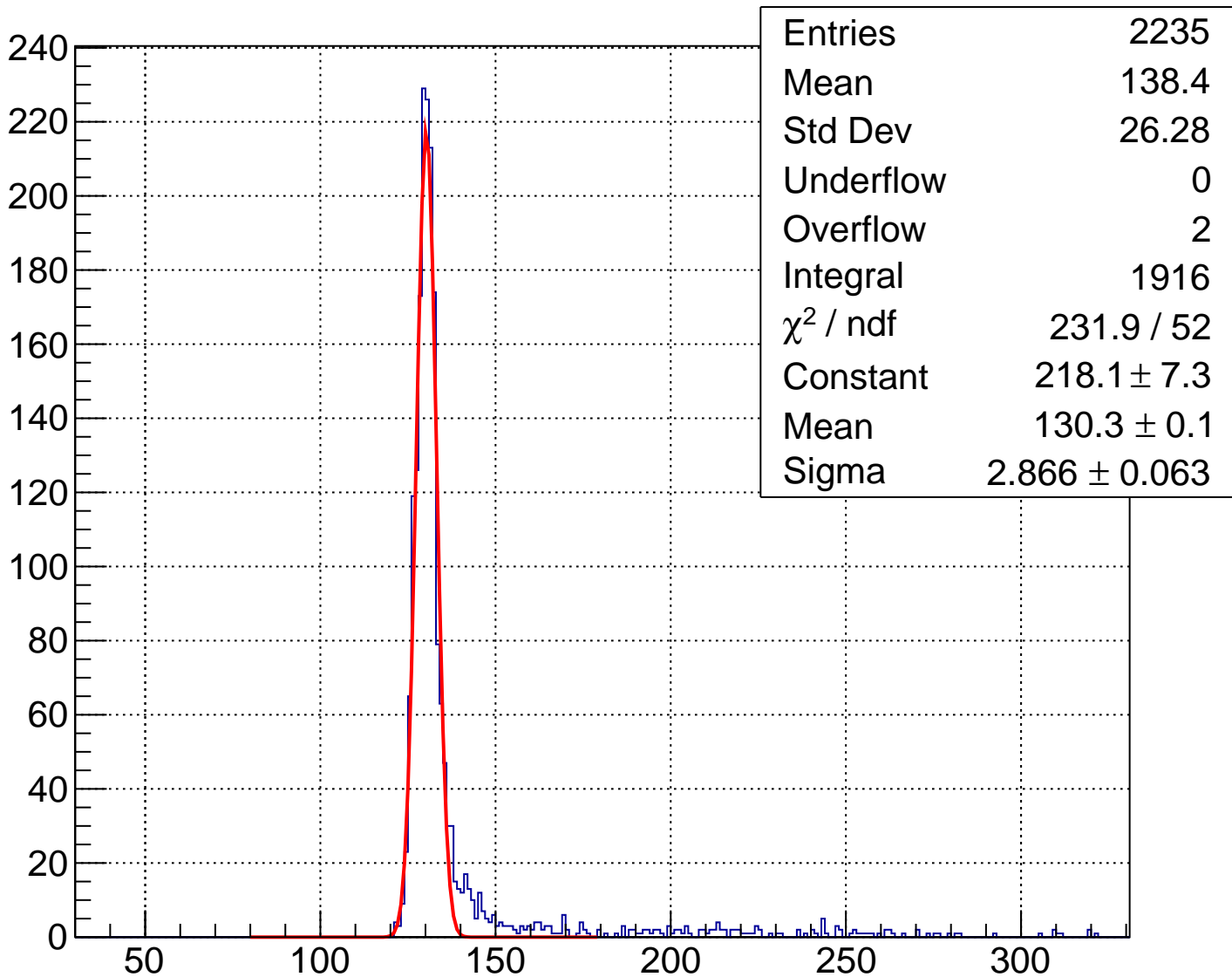
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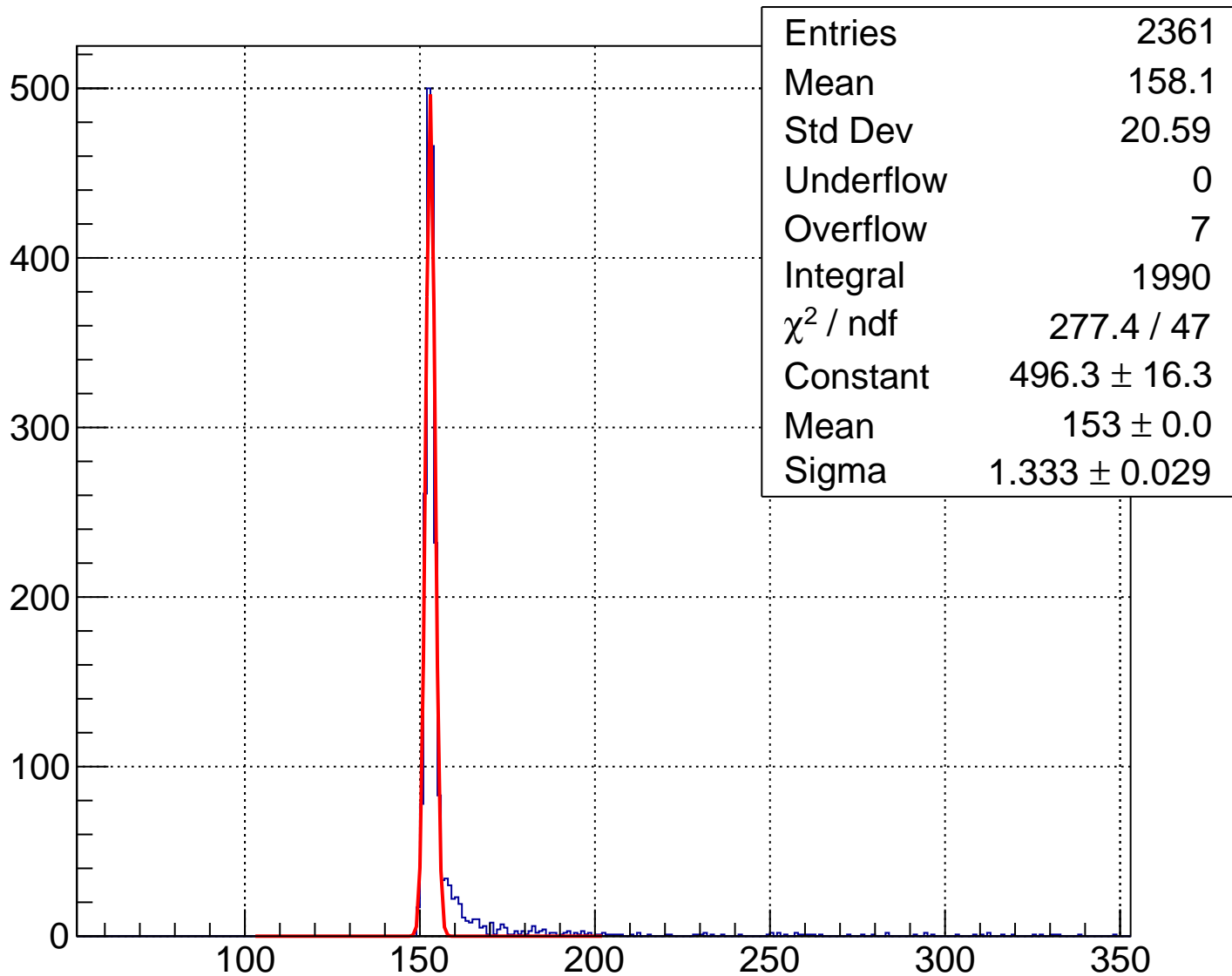
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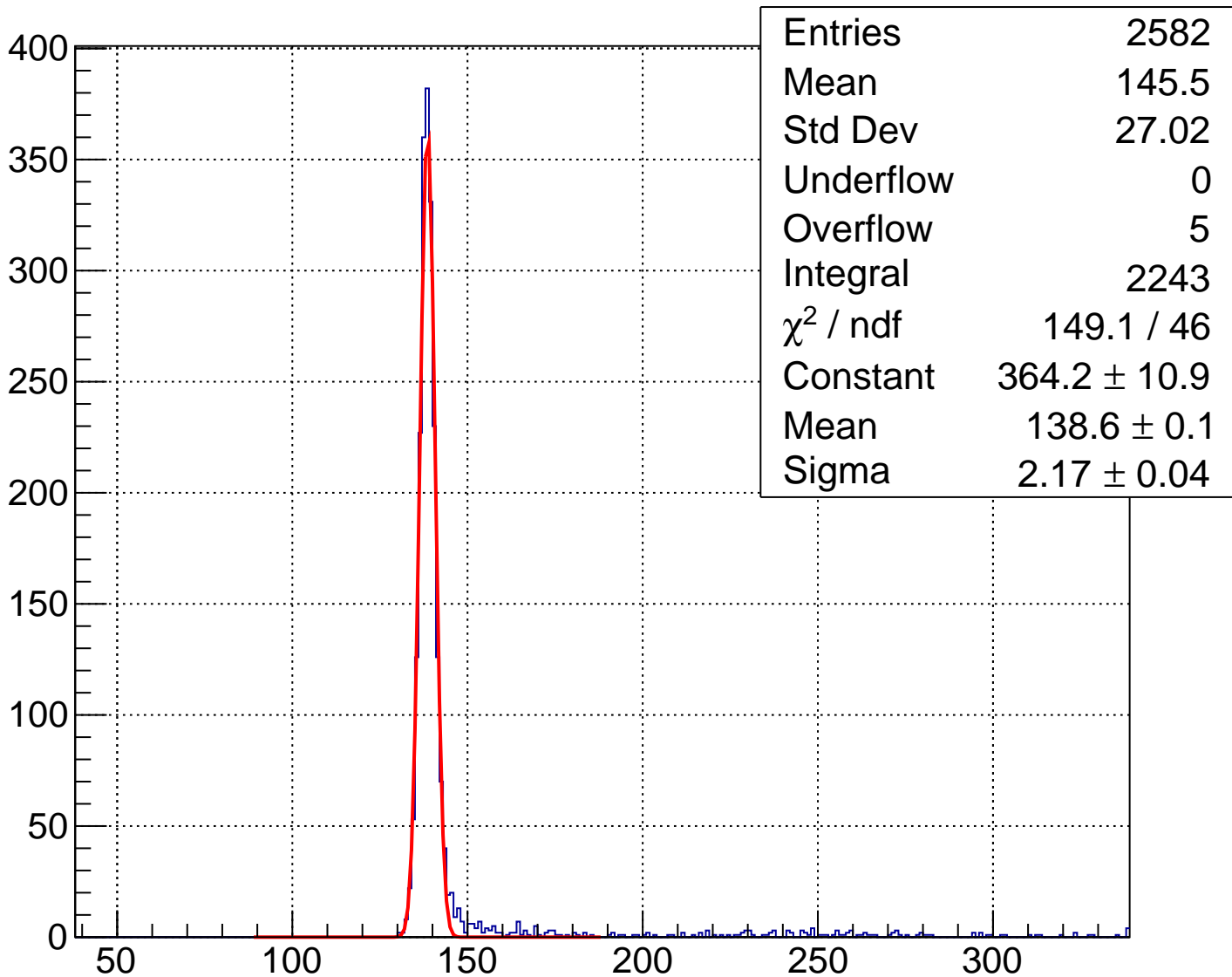
BH1UMIP9



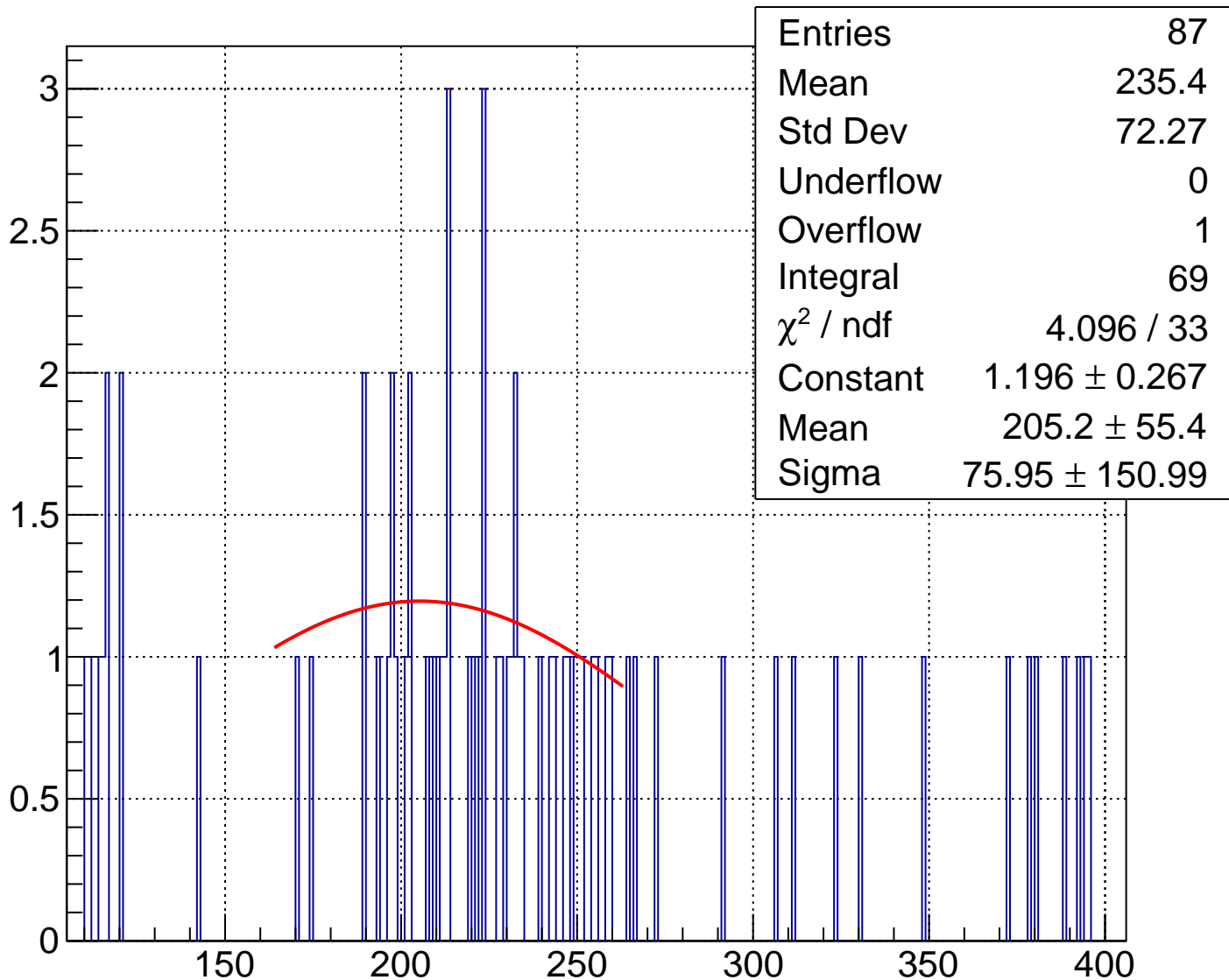
BH1UMIP10



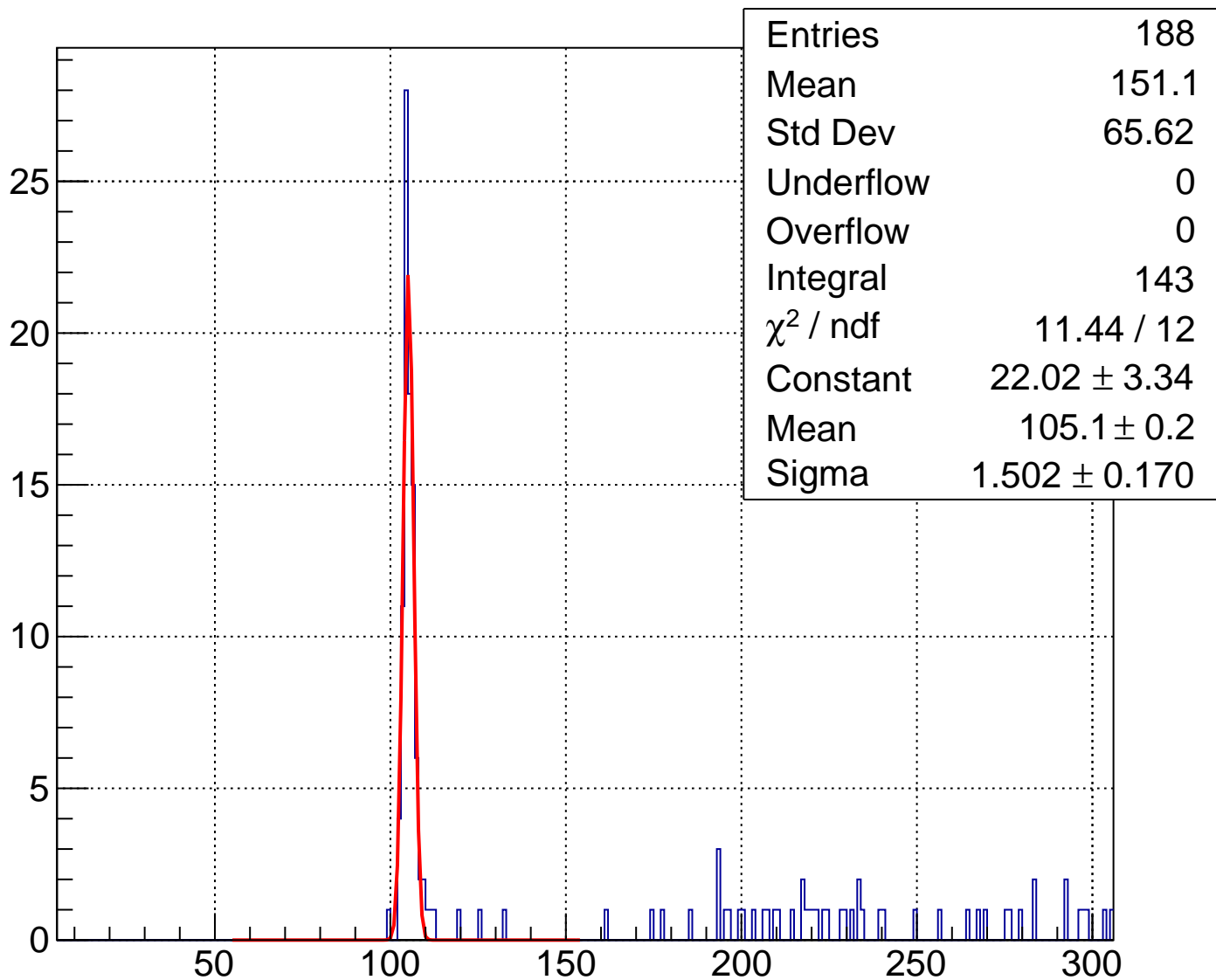
BH1UMIP11



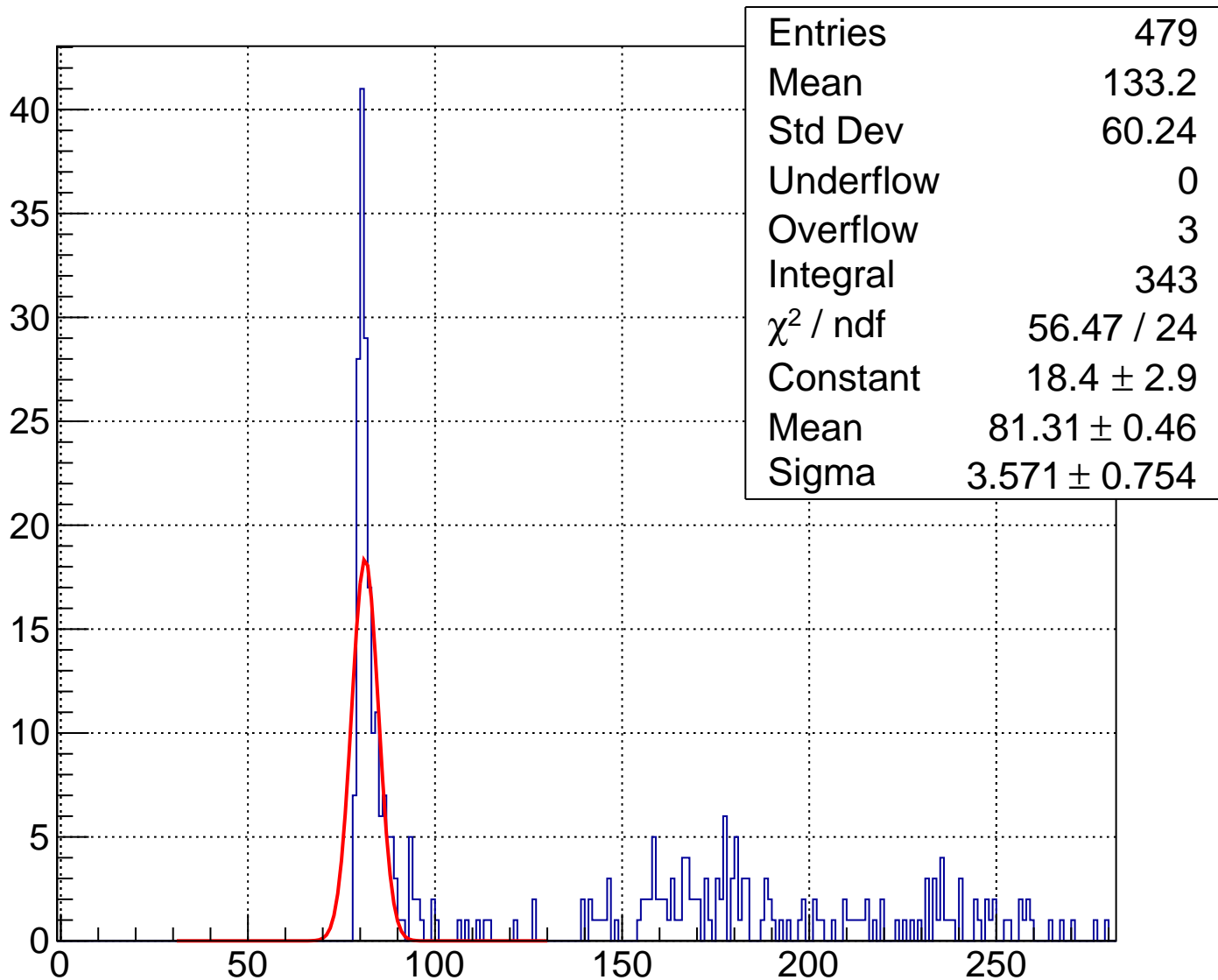
BH1DMIP1



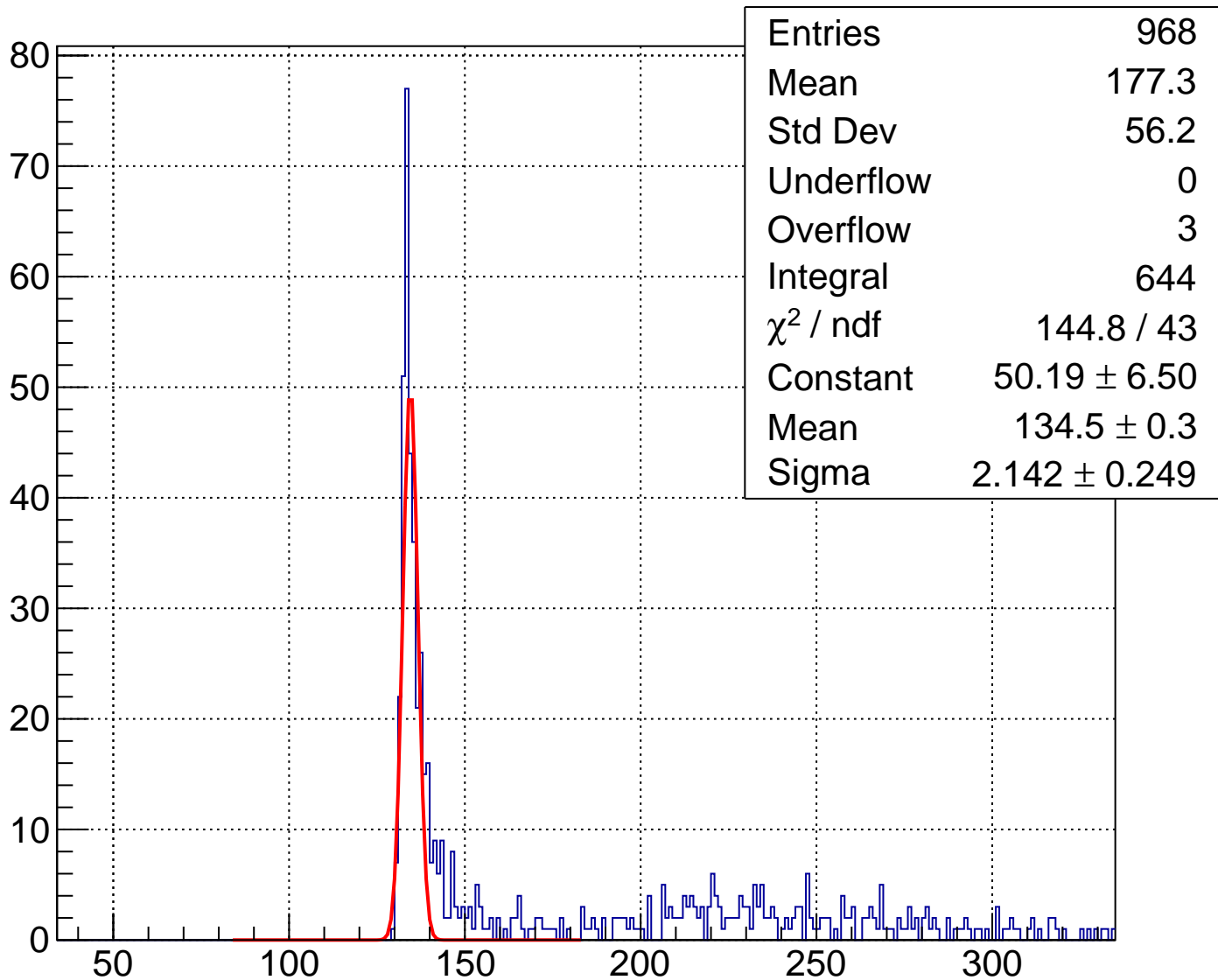
BH1DMIP2



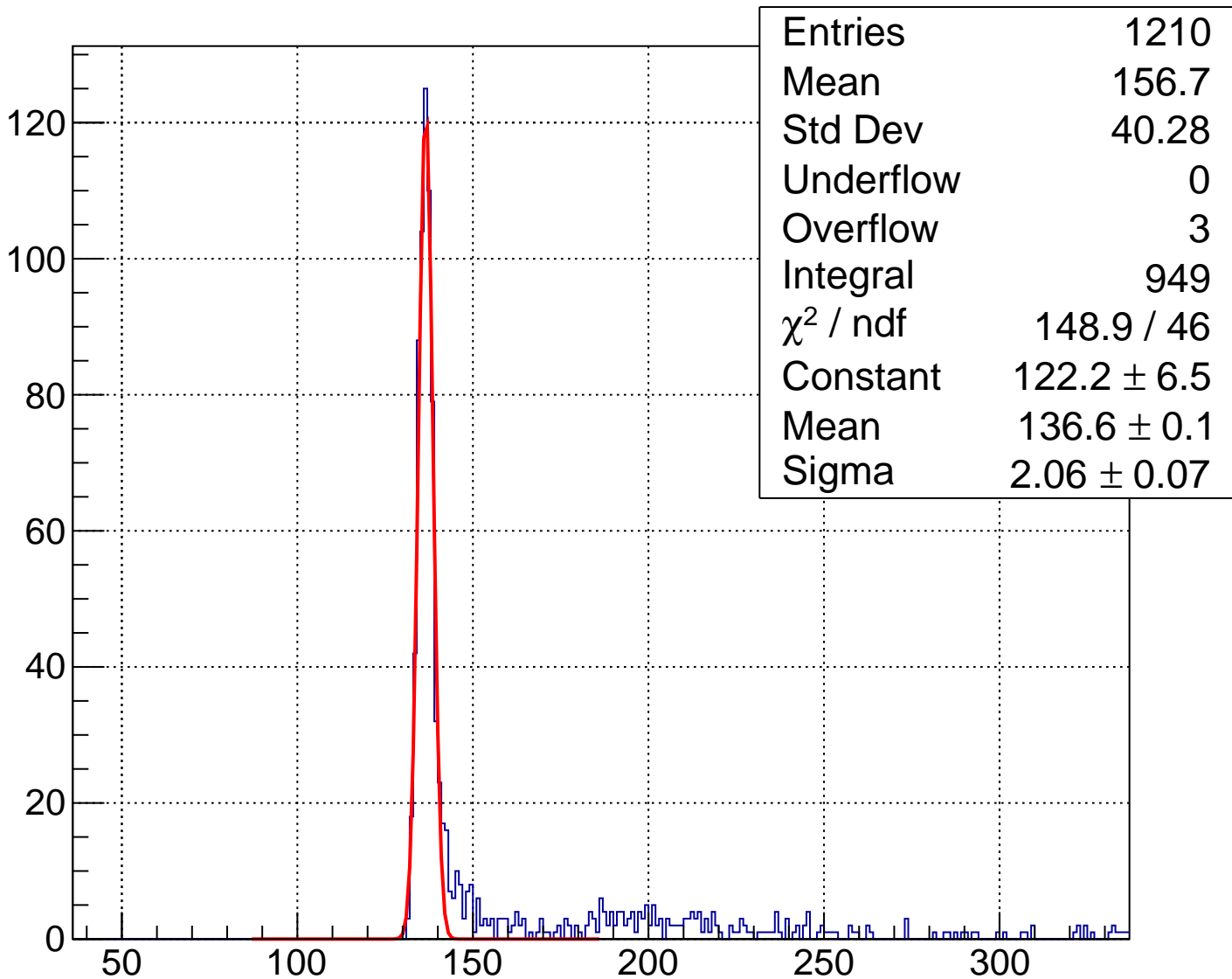
BH1DMIP3



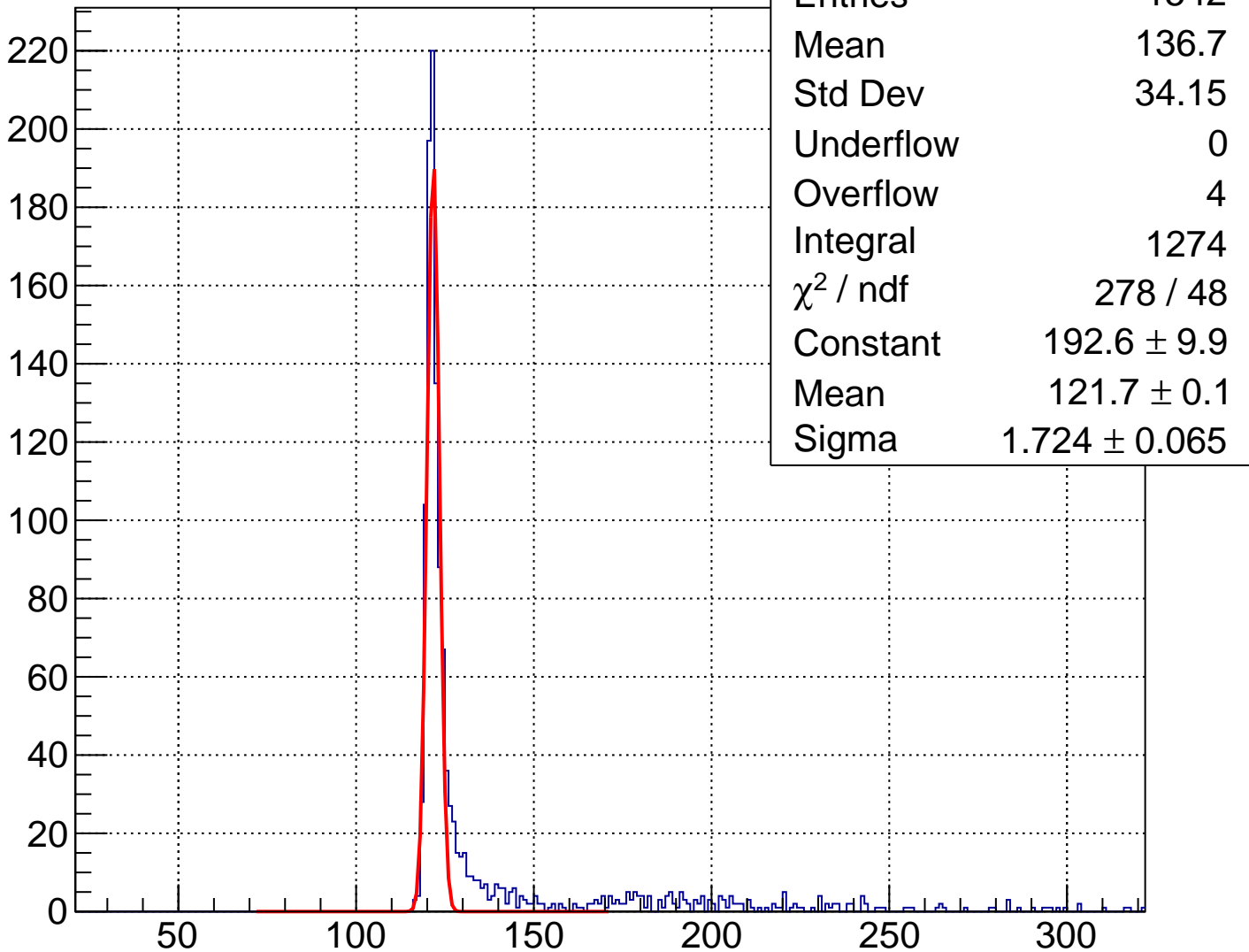
BH1DMIP4



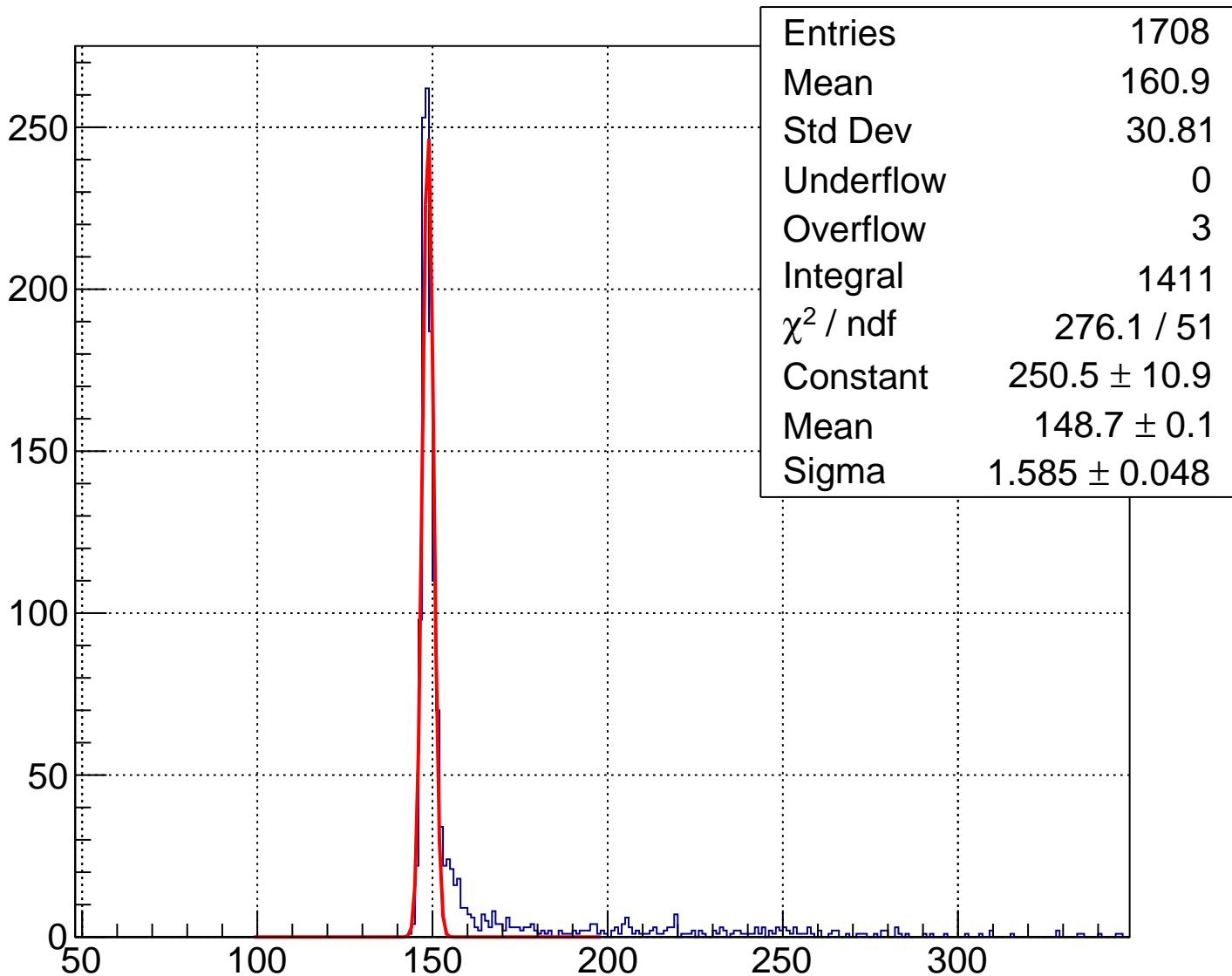
BH1DMIP5



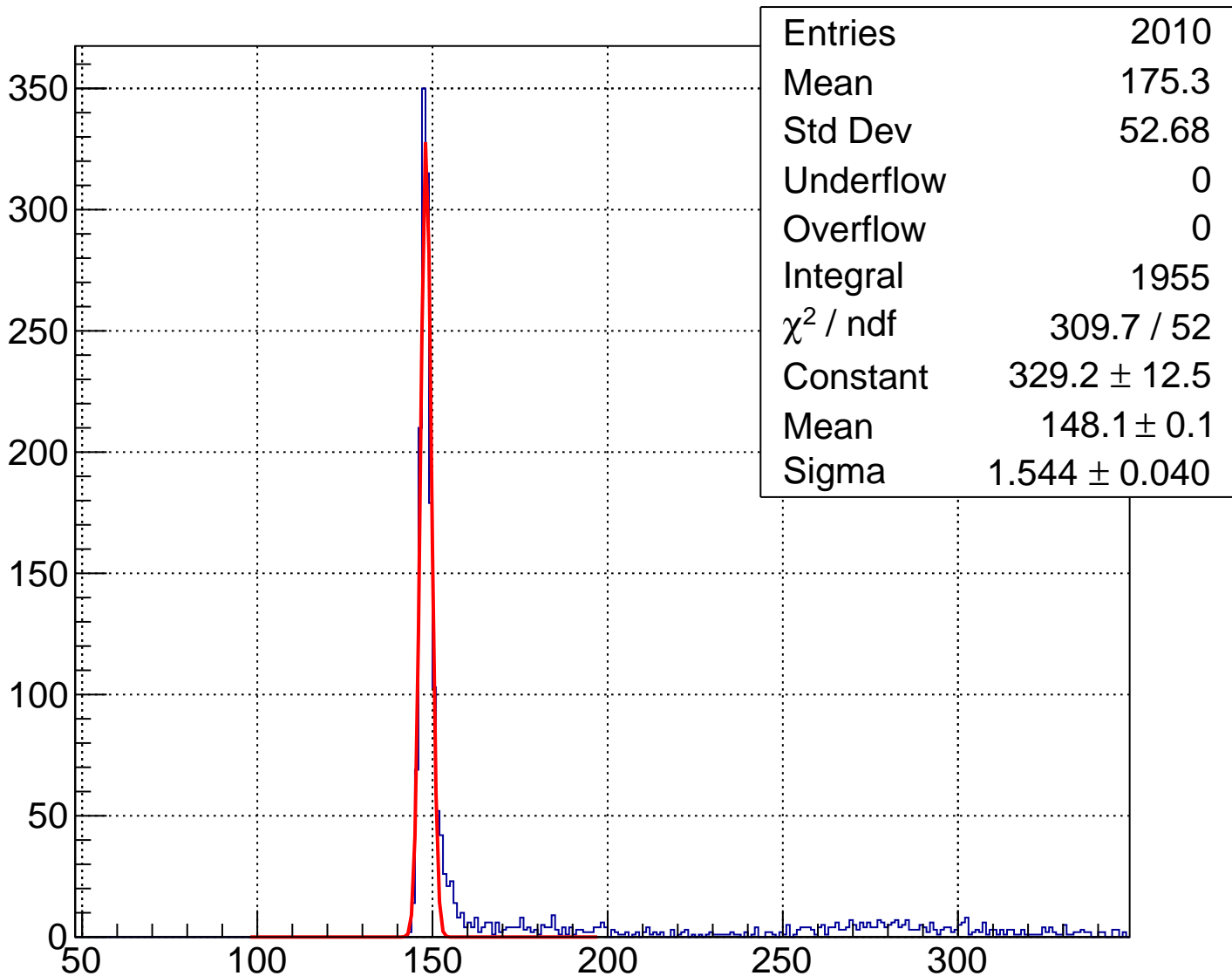
BH1DMIP6



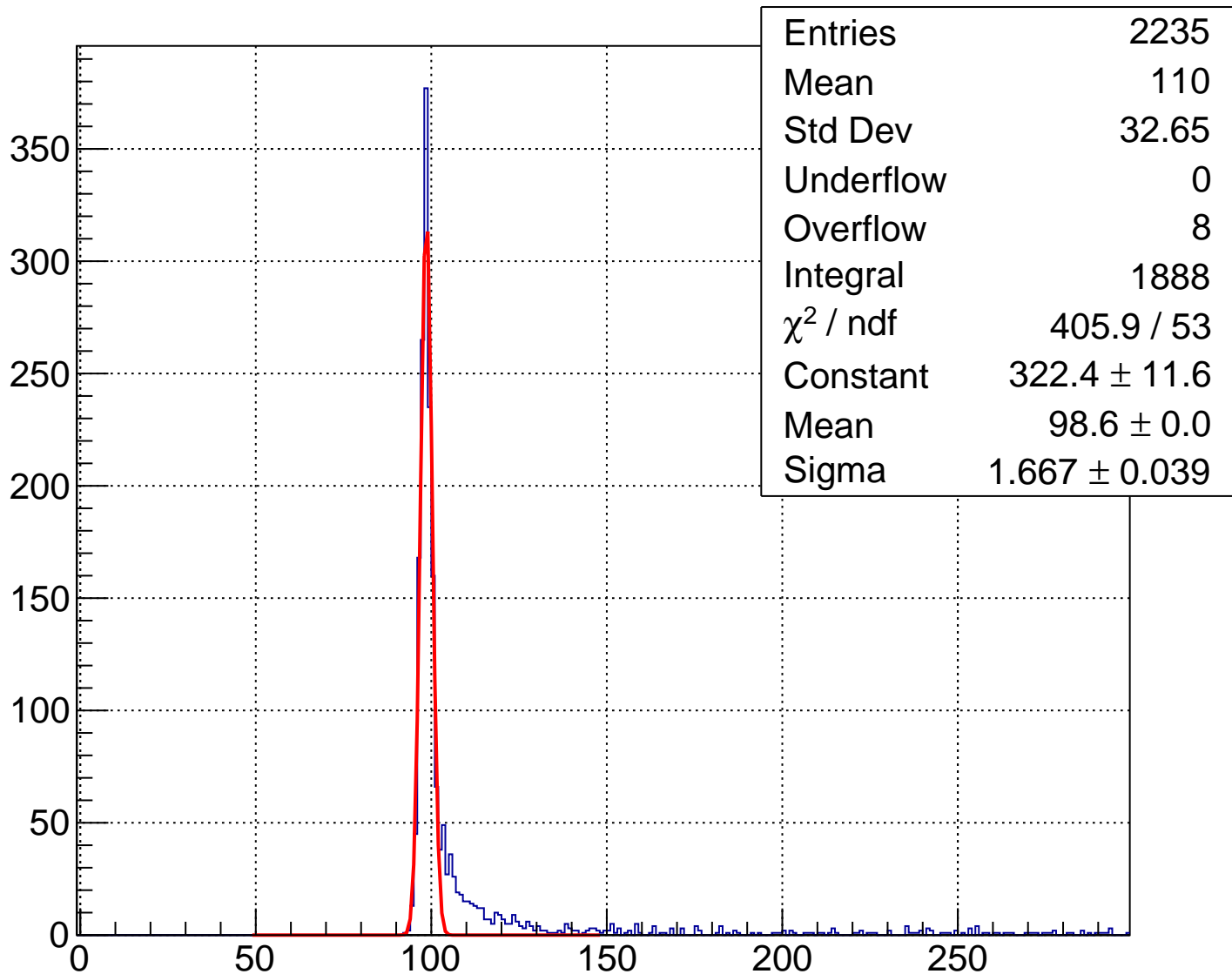
BH1DMIP7



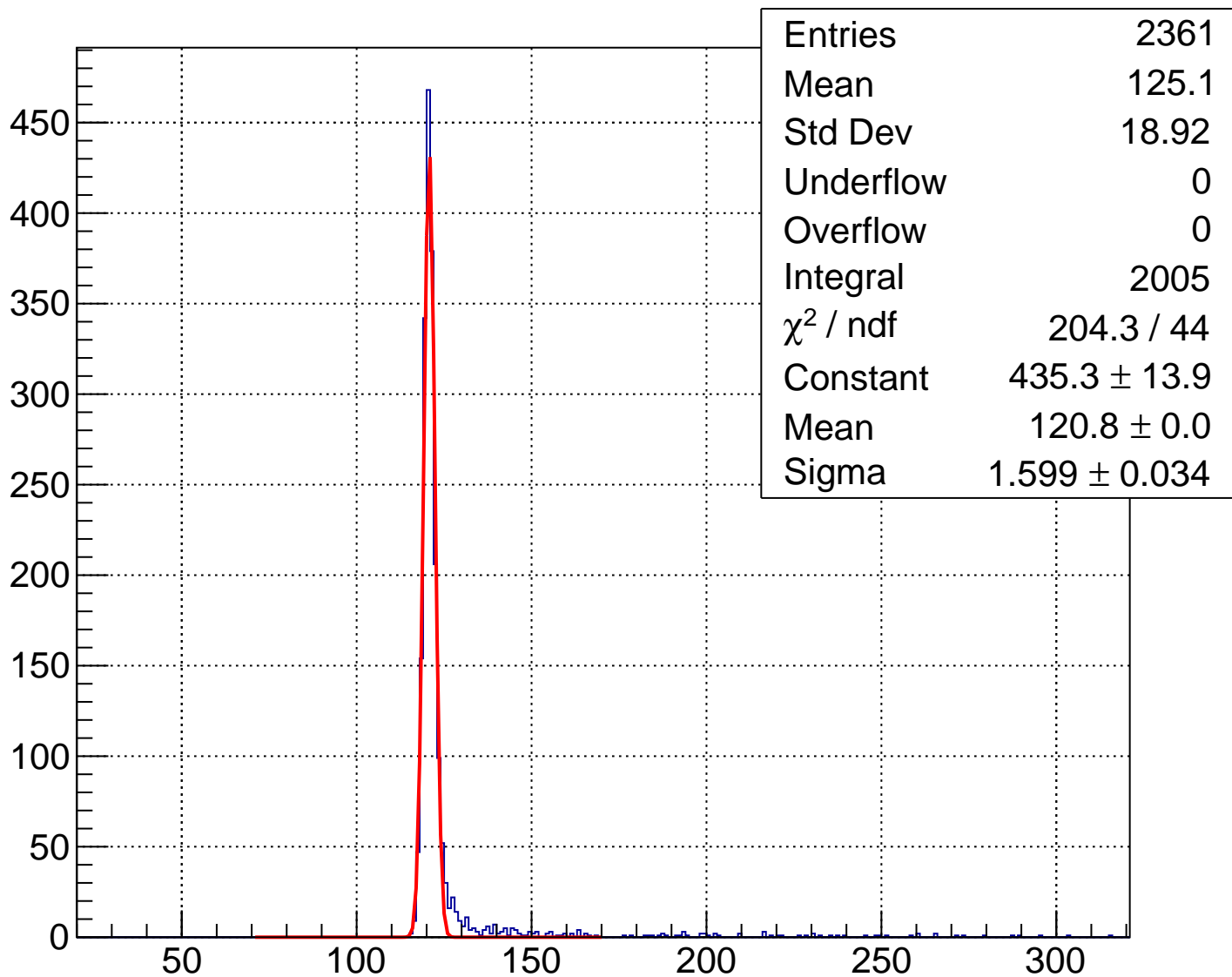
BH1DMIP8



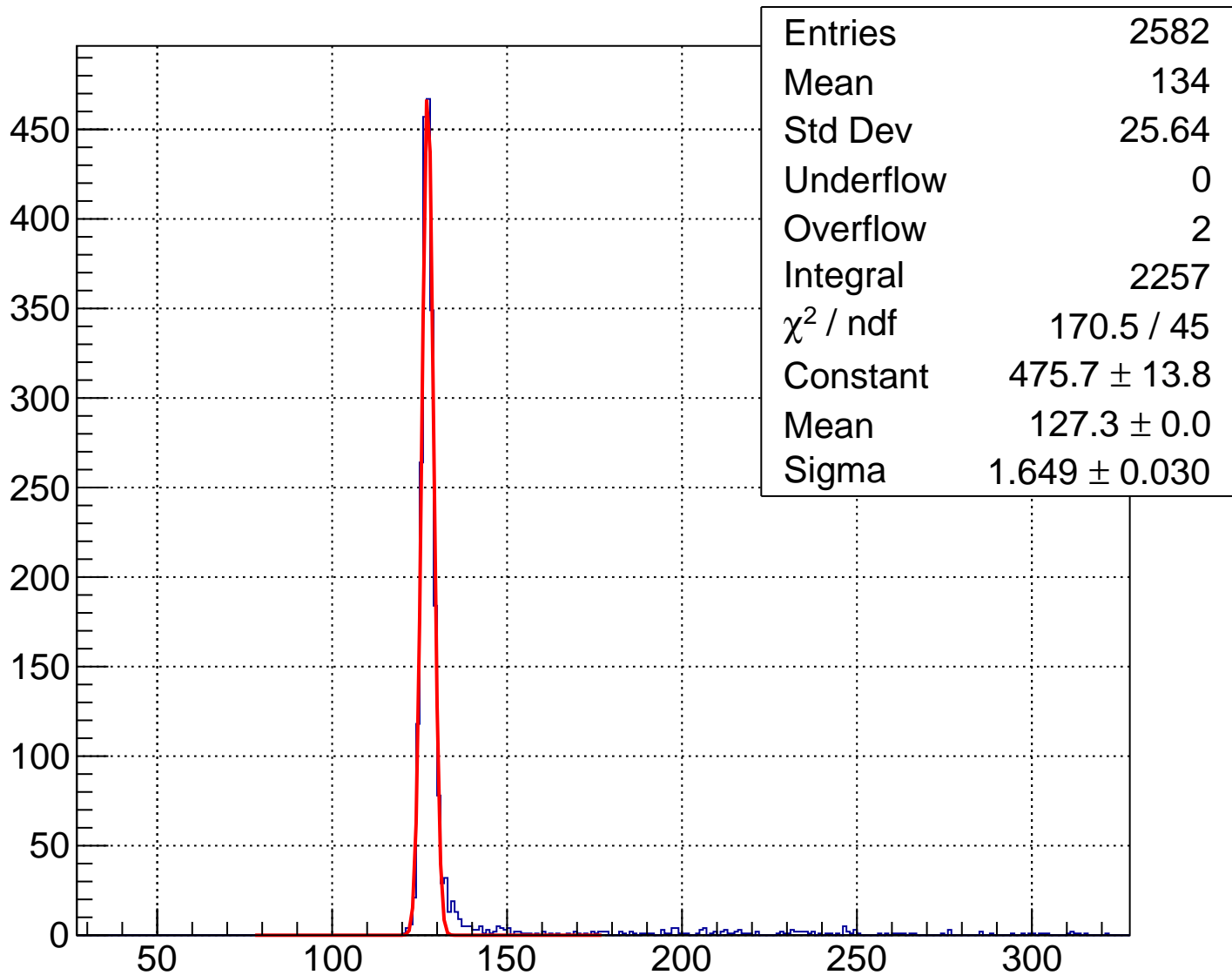
BH1DMIP9



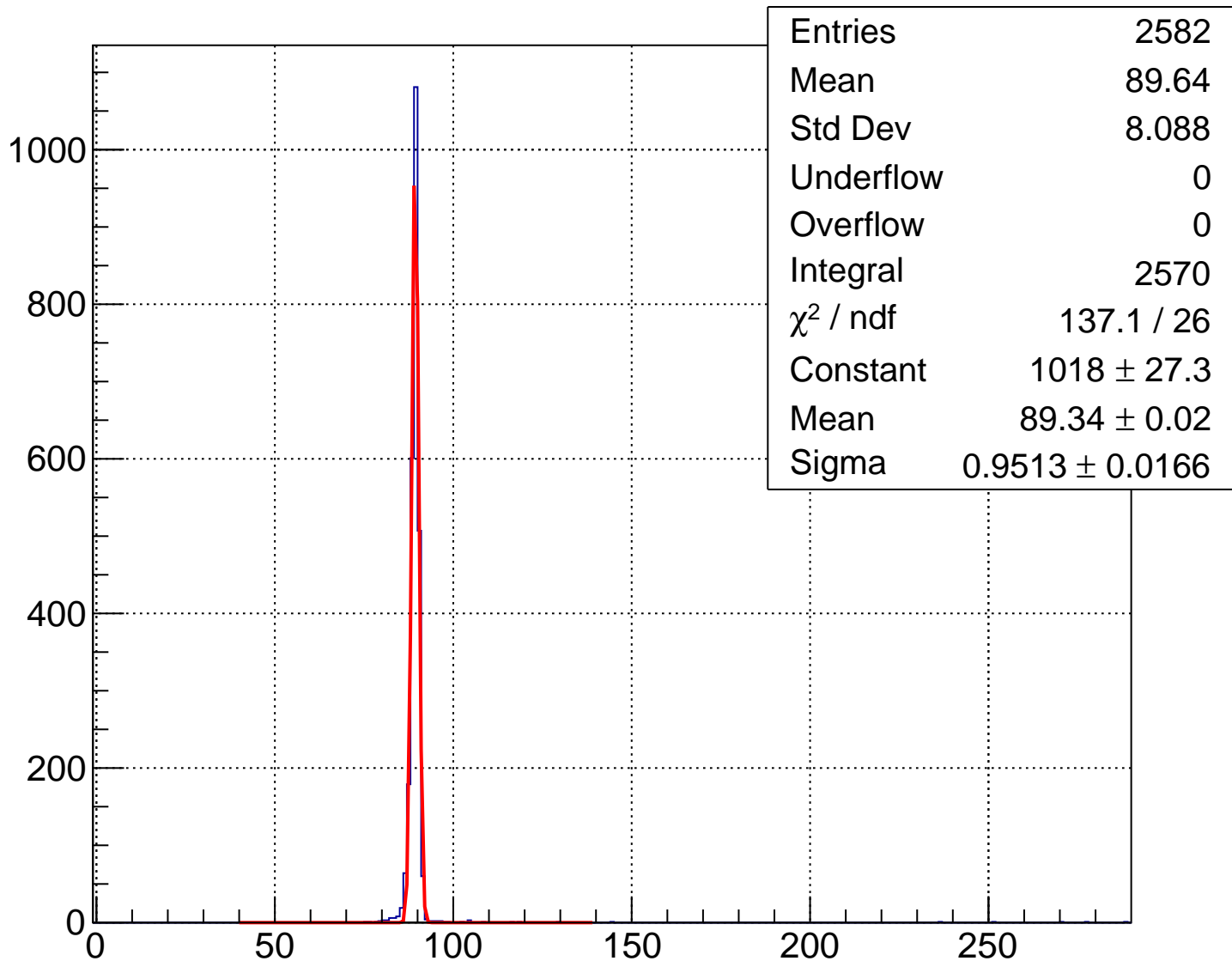
BH1DMIP10



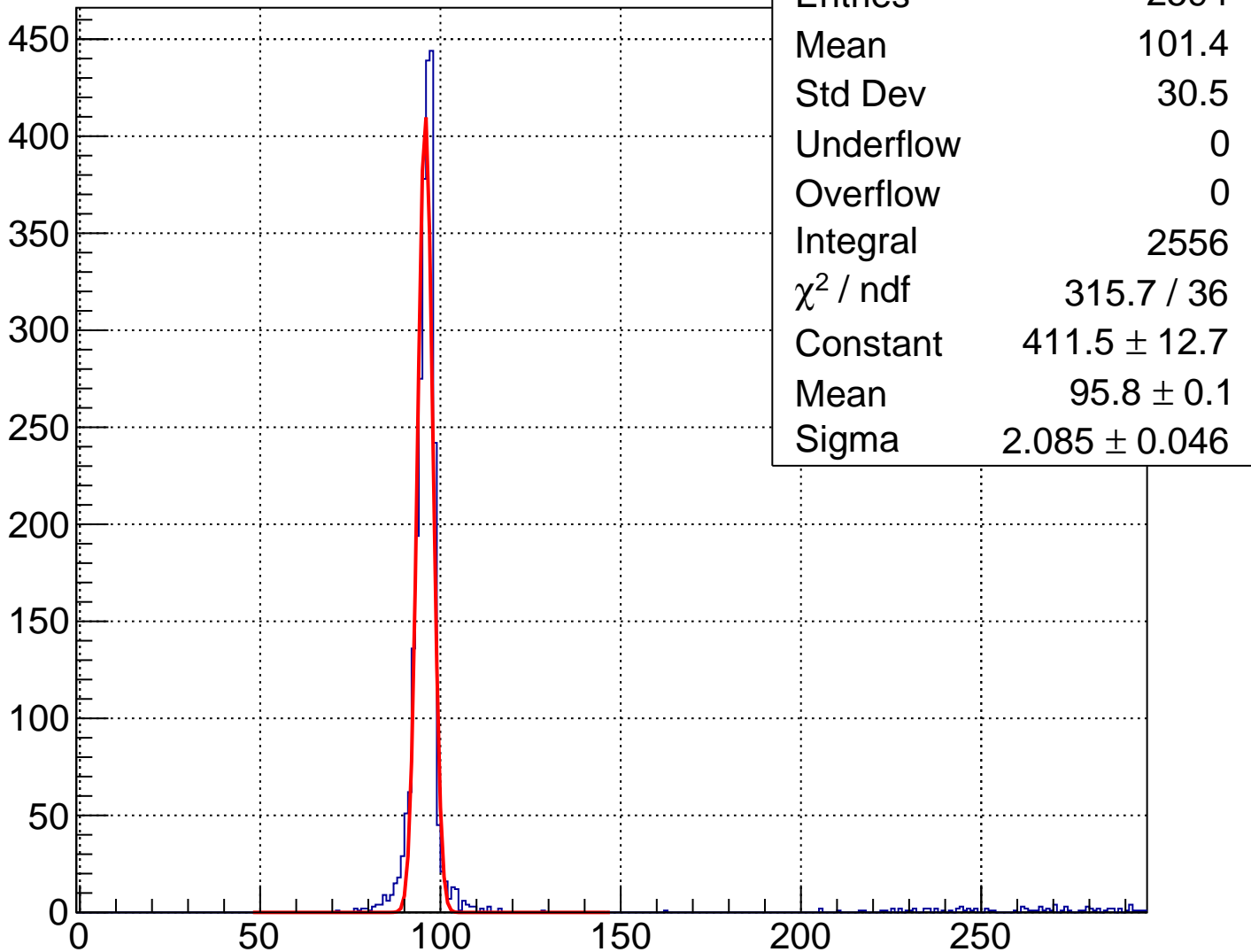
BH1DMIP11



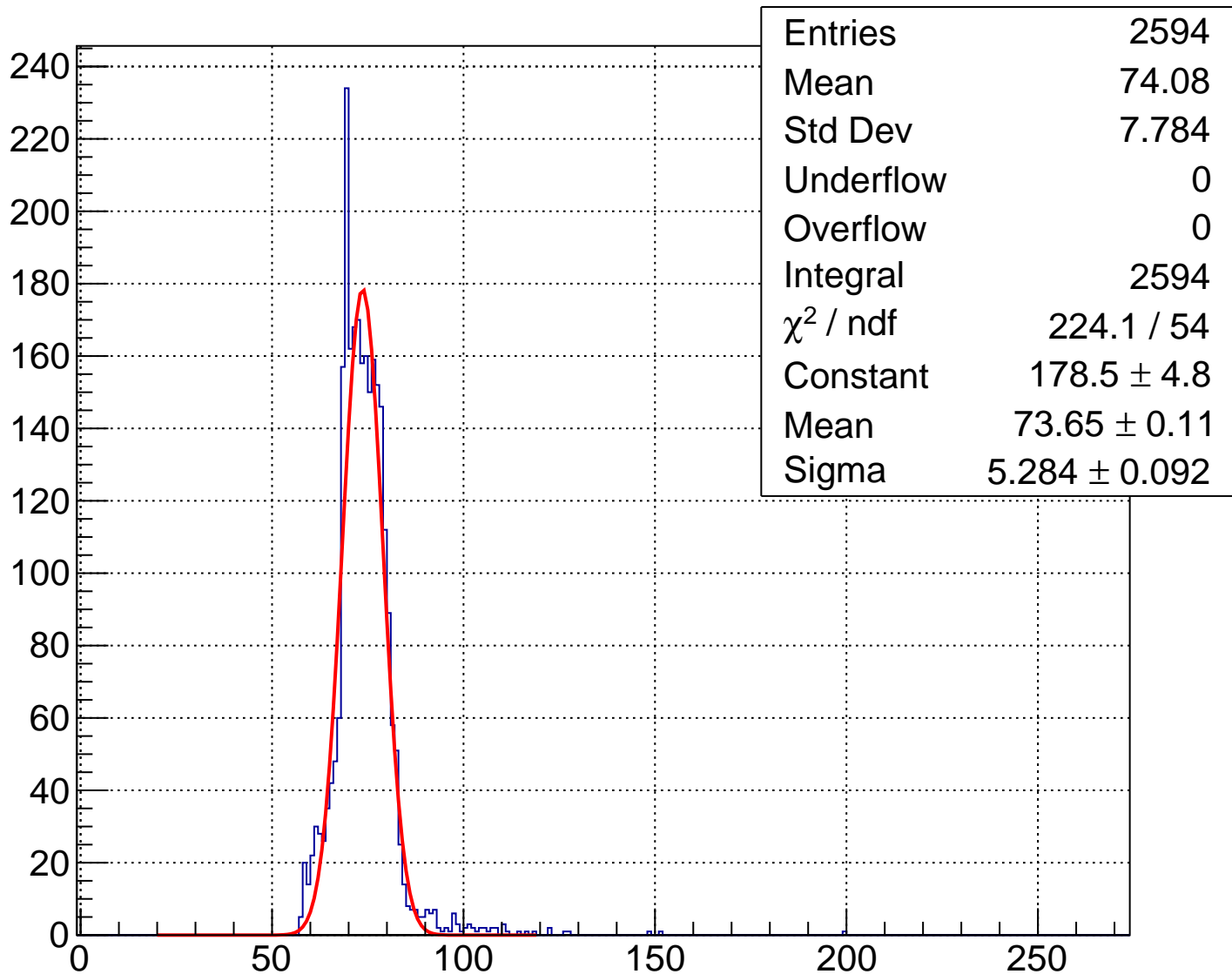
BH2UMIP1



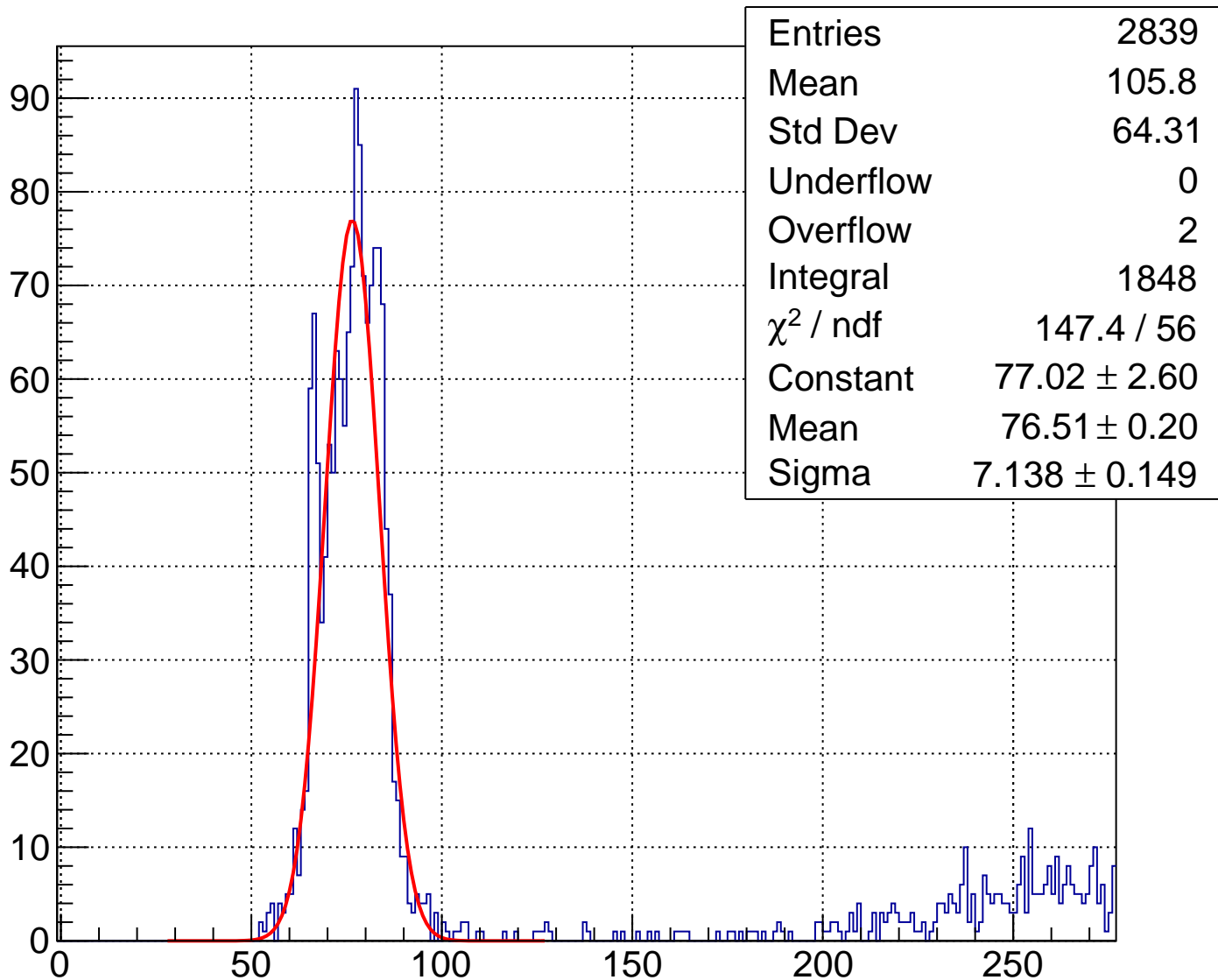
BH2UMIP2



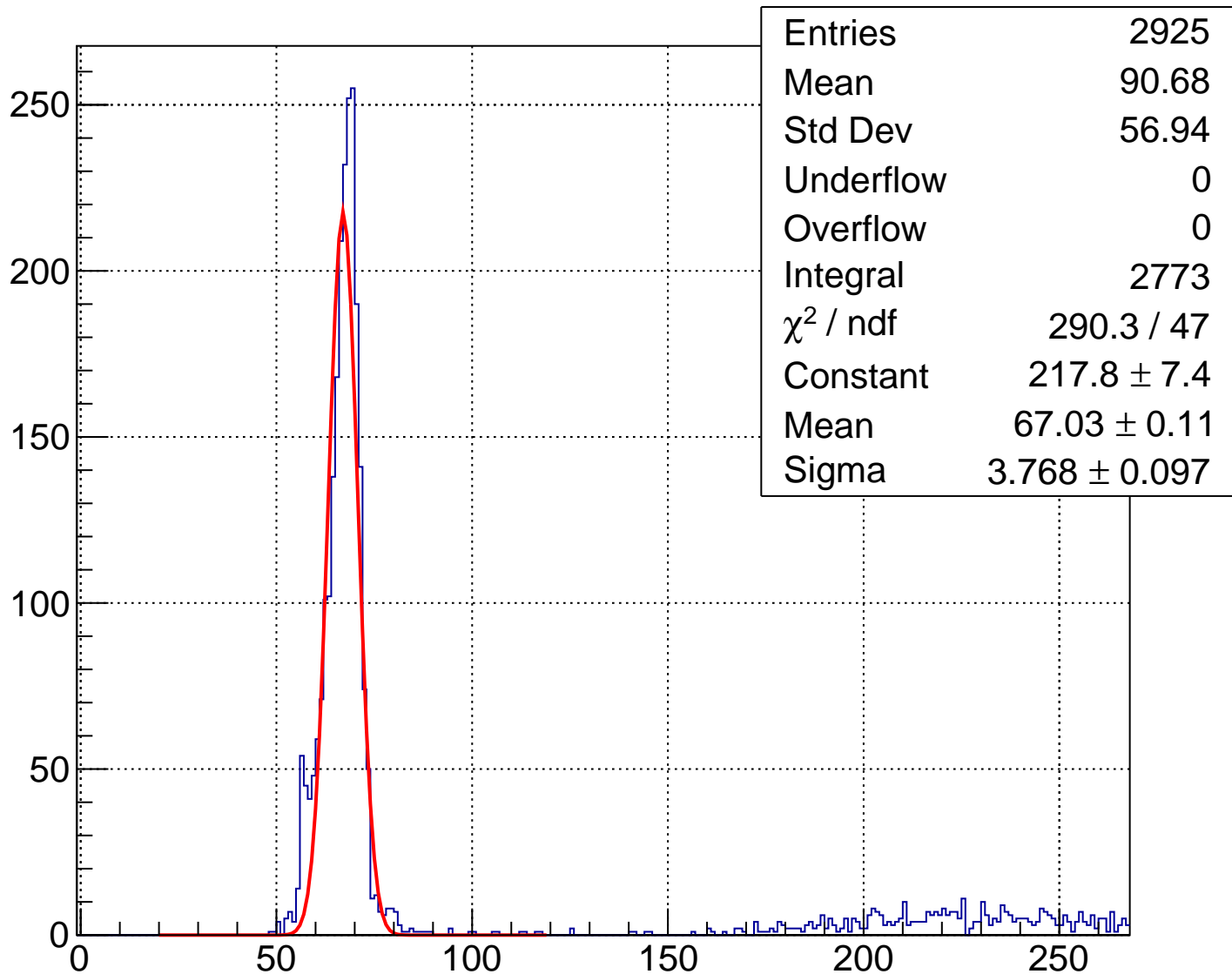
BH2UMIP3



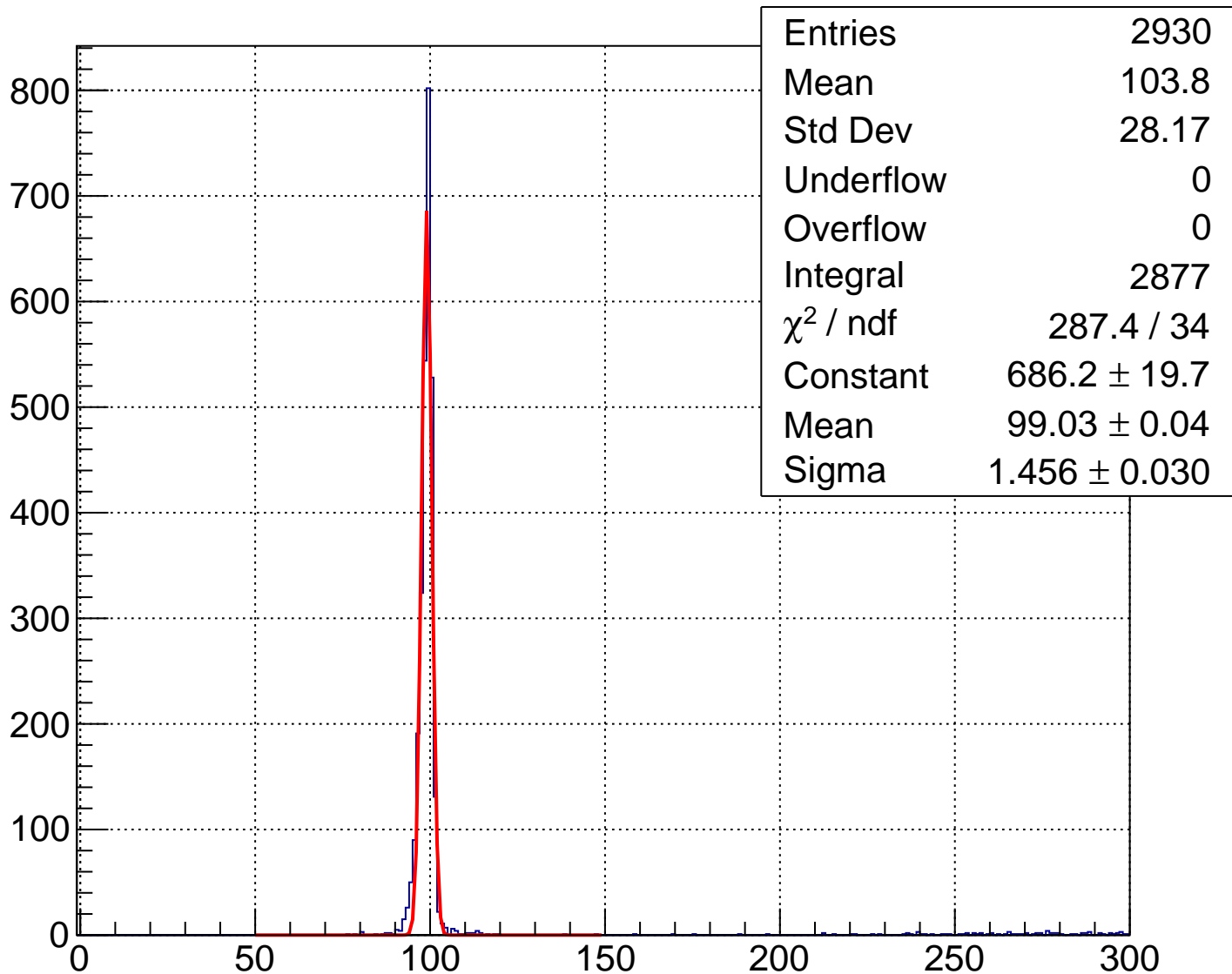
BH2UMIP4



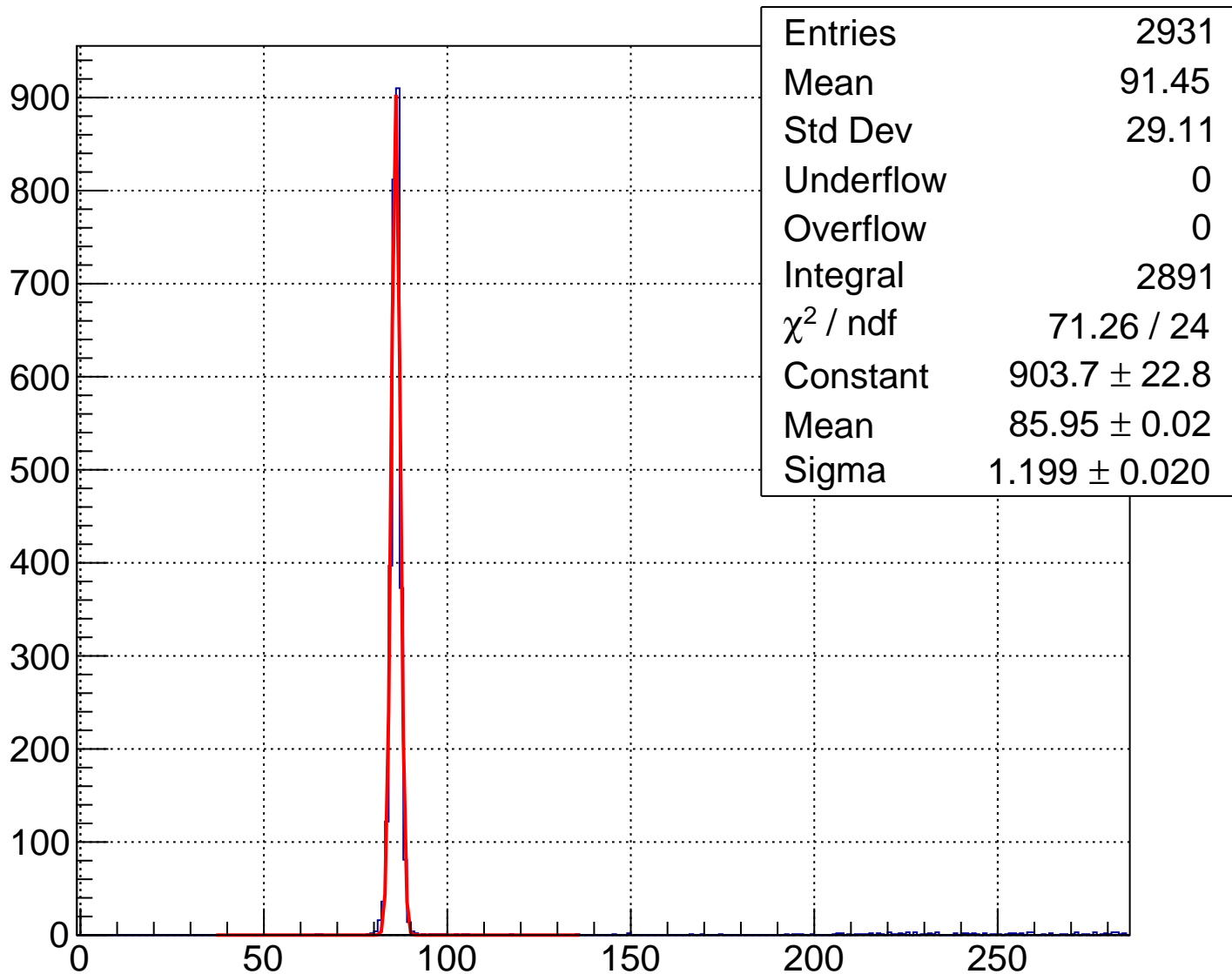
BH2UMIP5



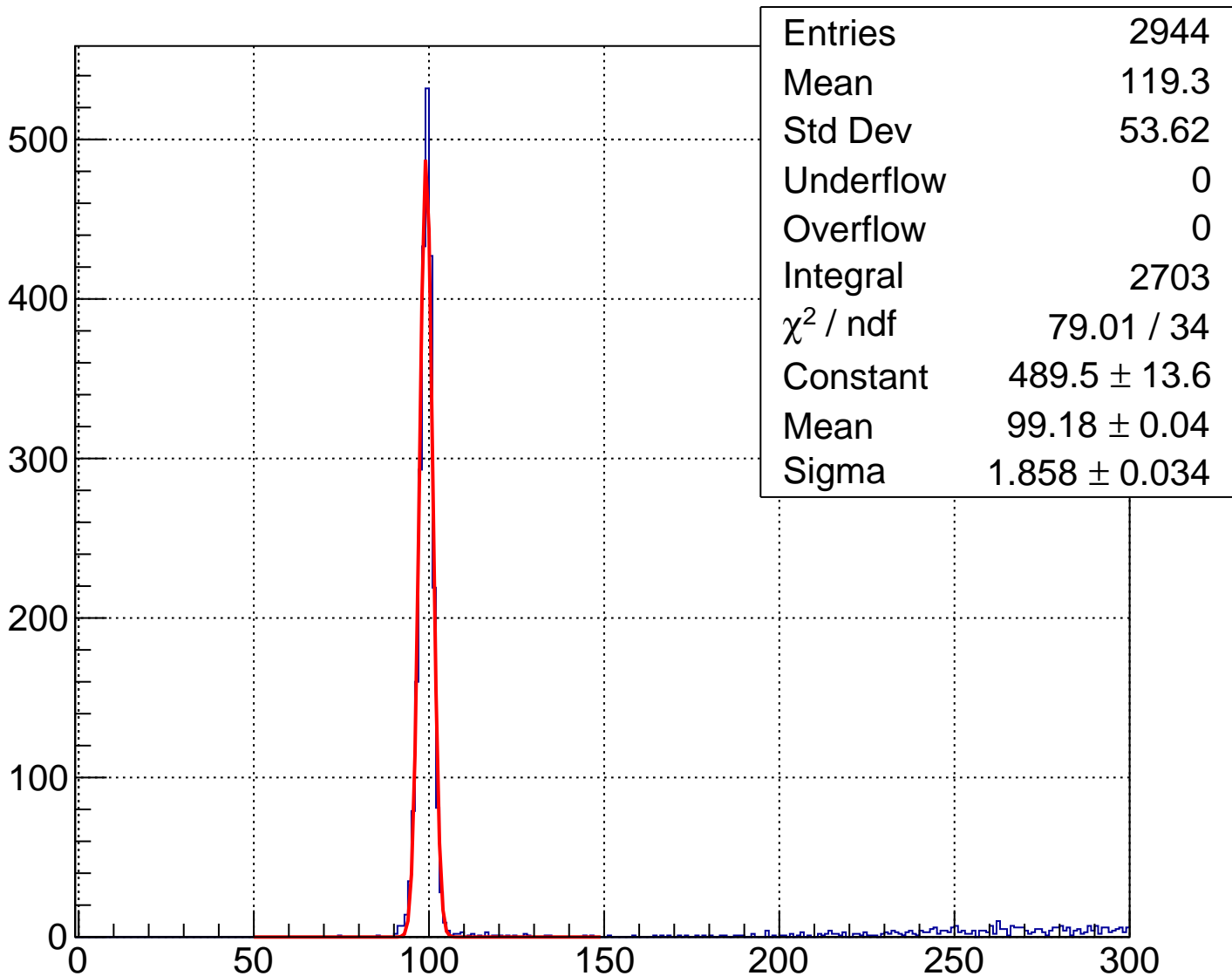
BH2UMIP6



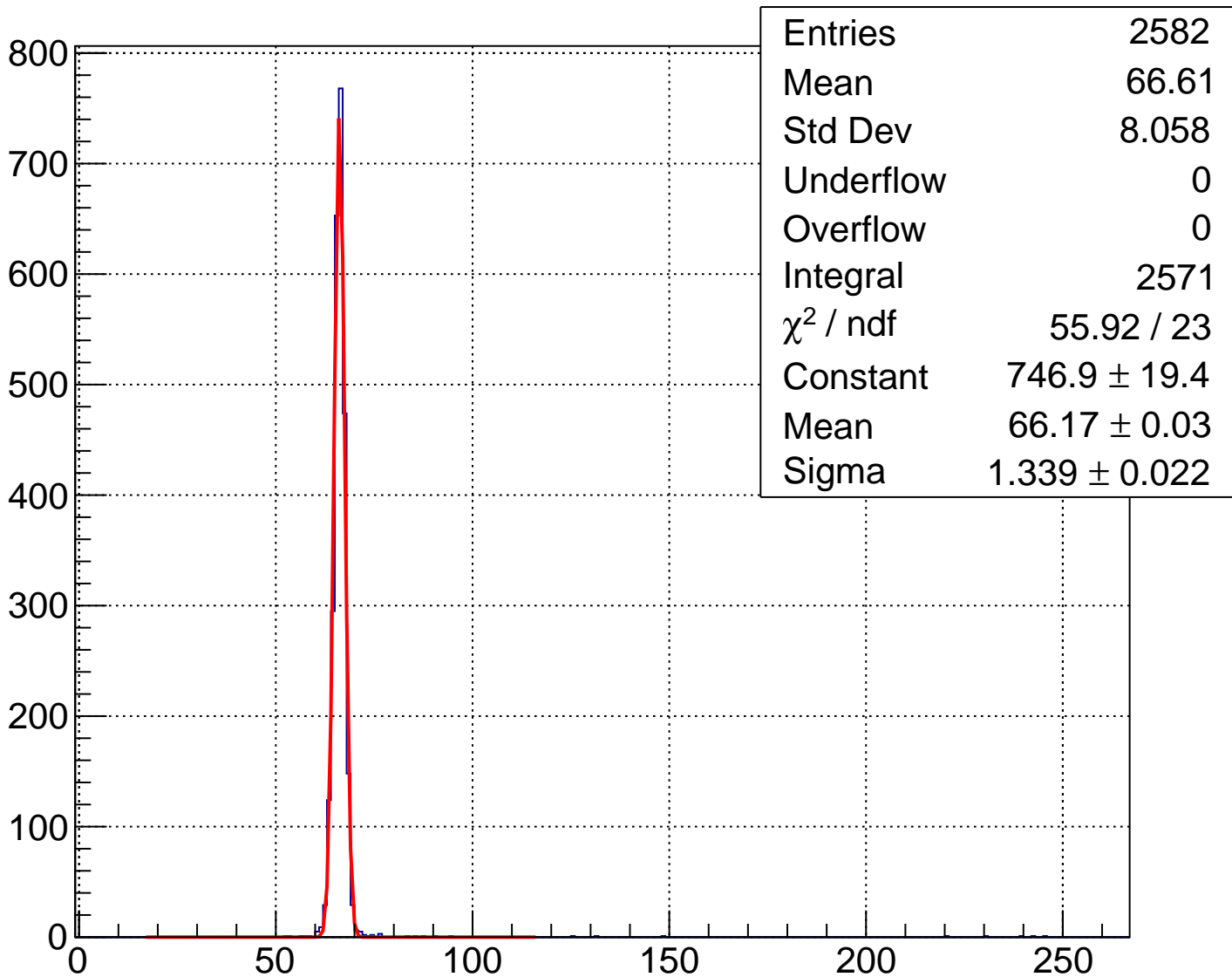
BH2UMIP7



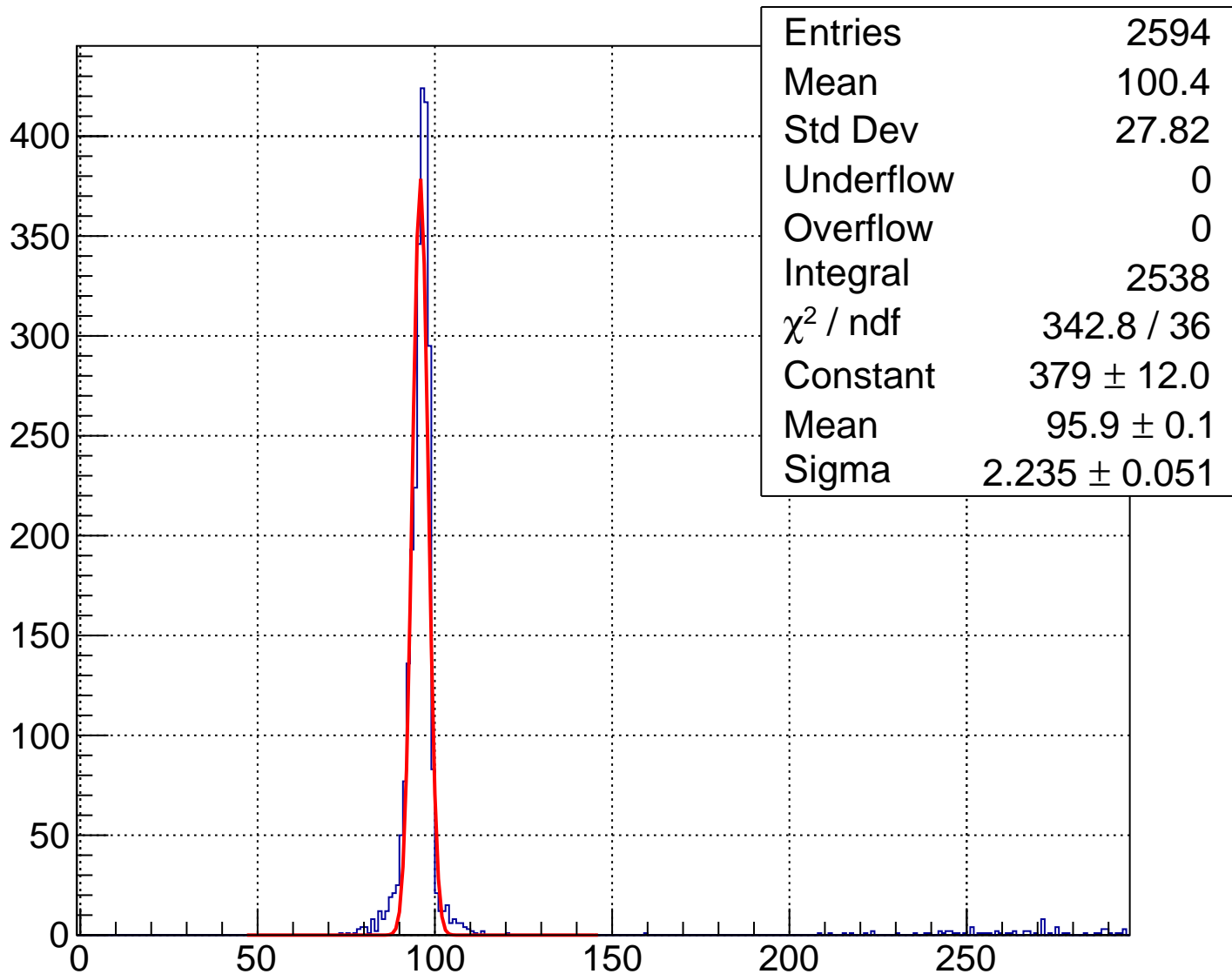
BH2UMIP8



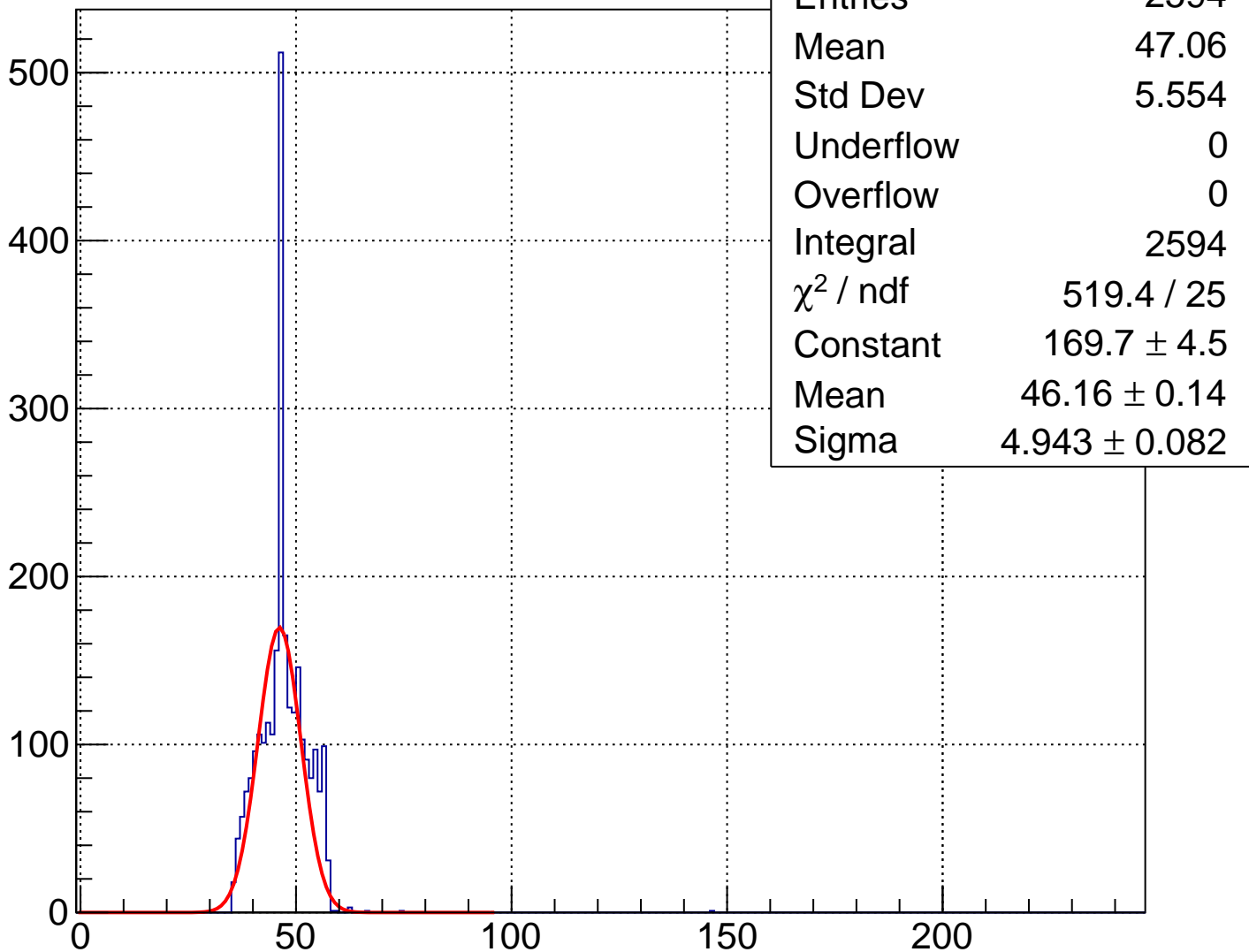
BH2DMIP1



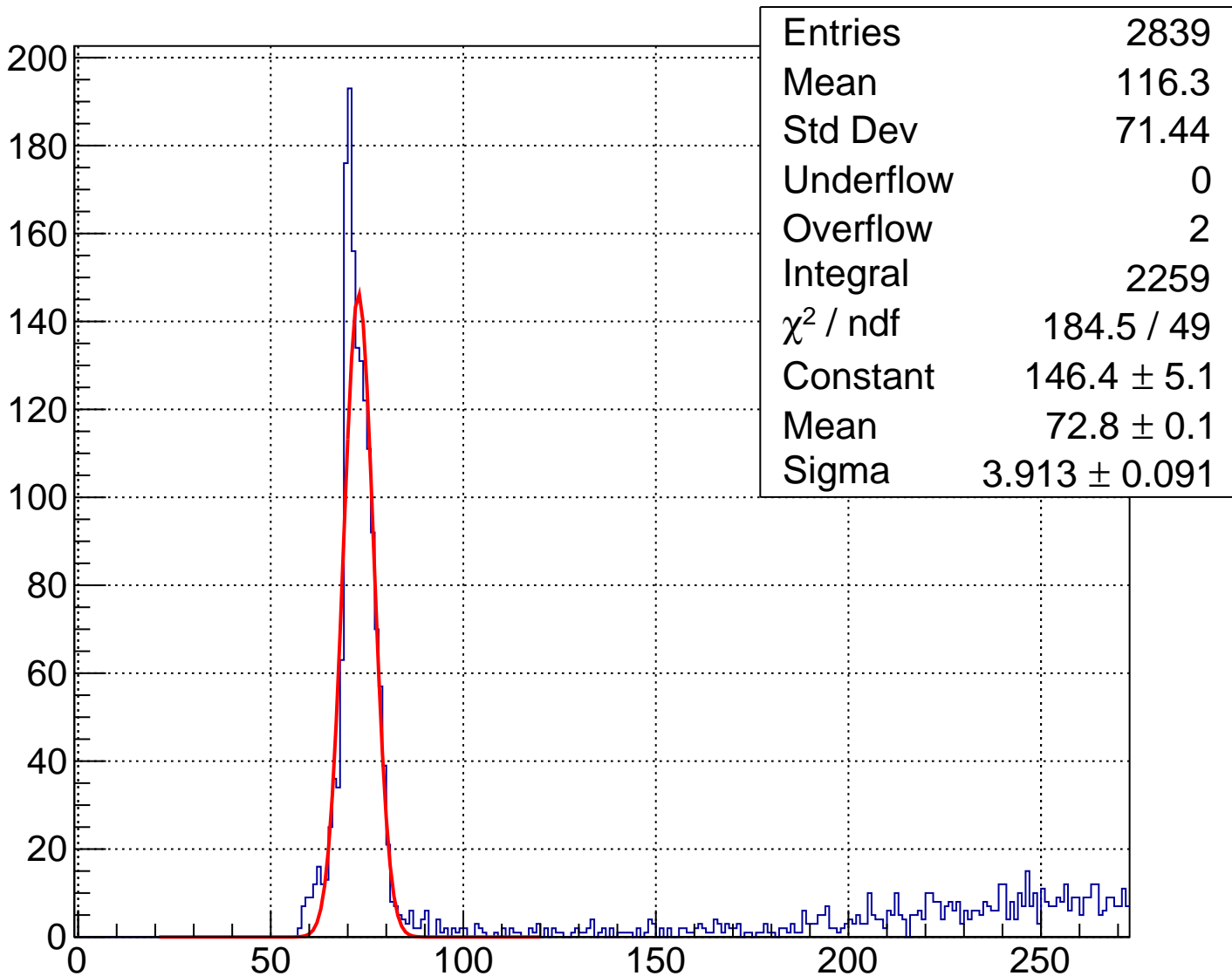
BH2DMIP2



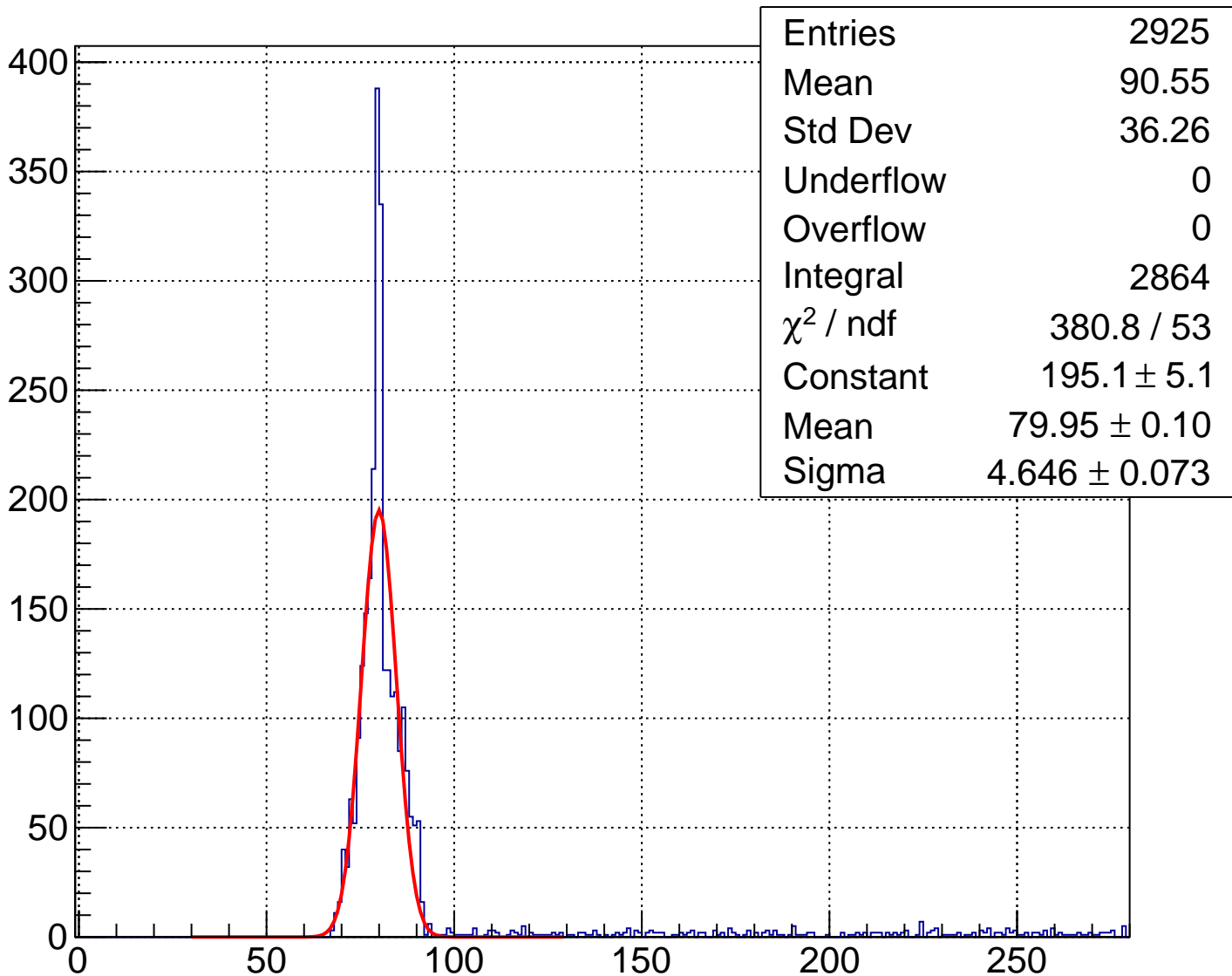
BH2DMIP3



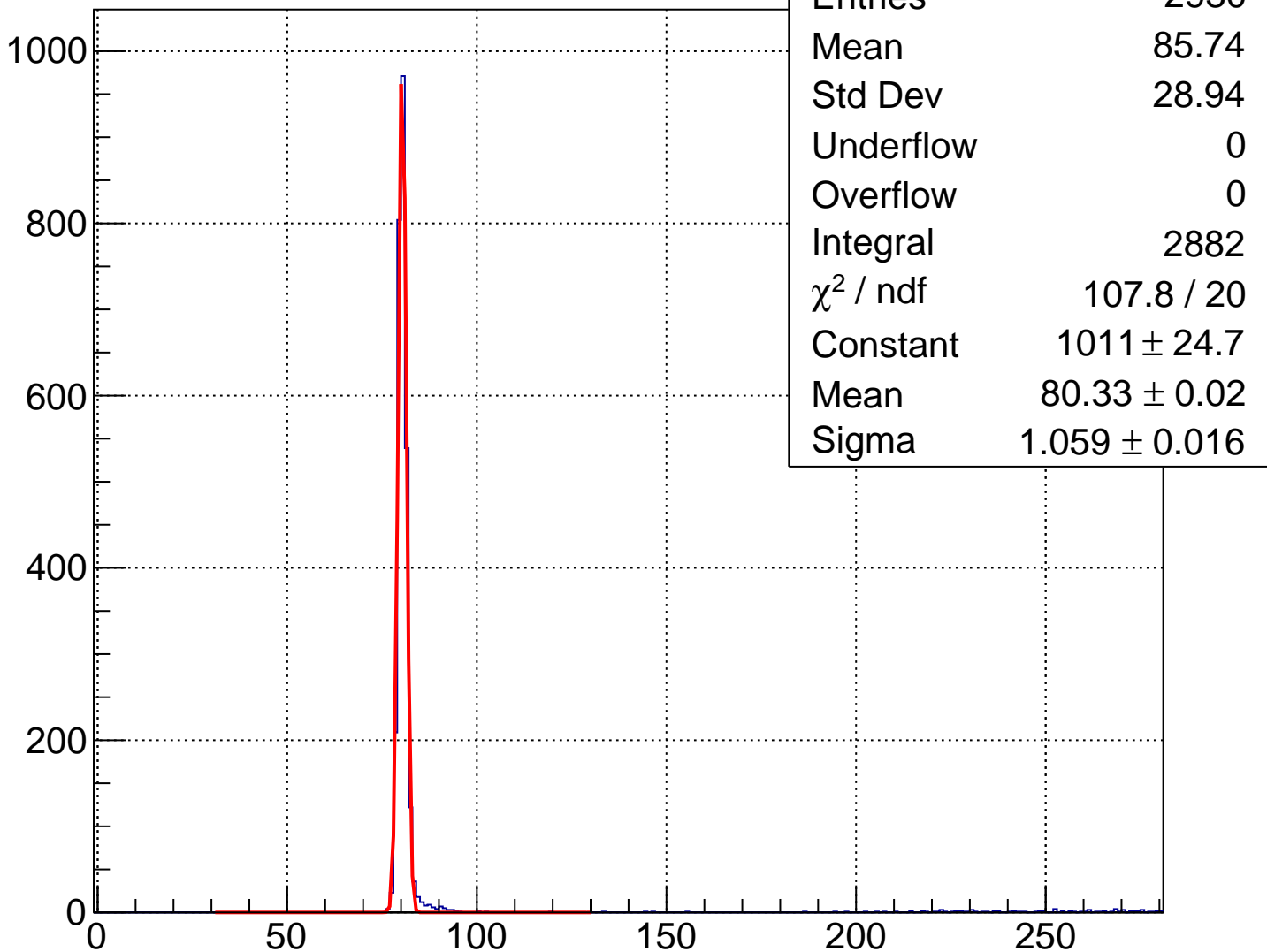
BH2DMIP4



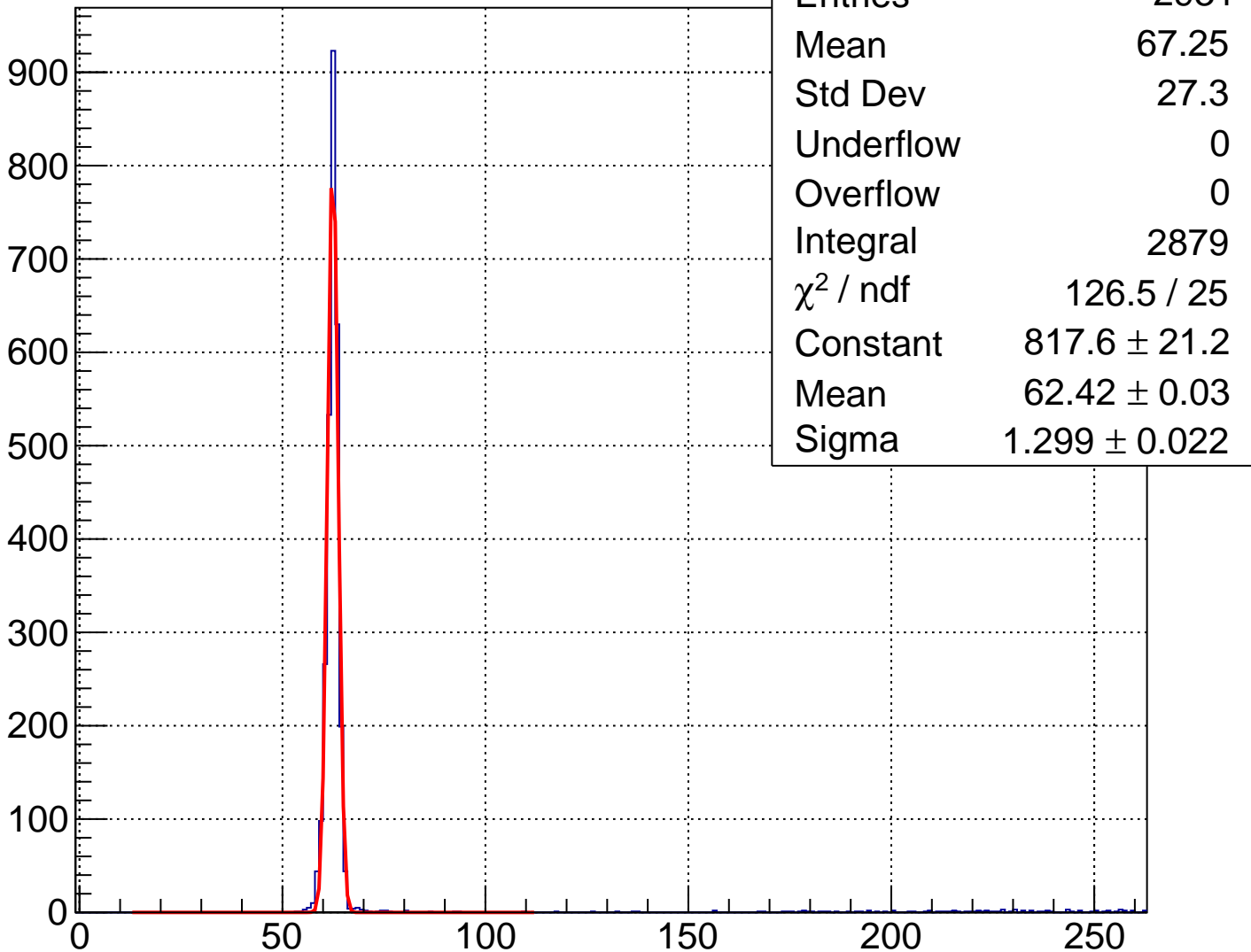
BH2DMIP5



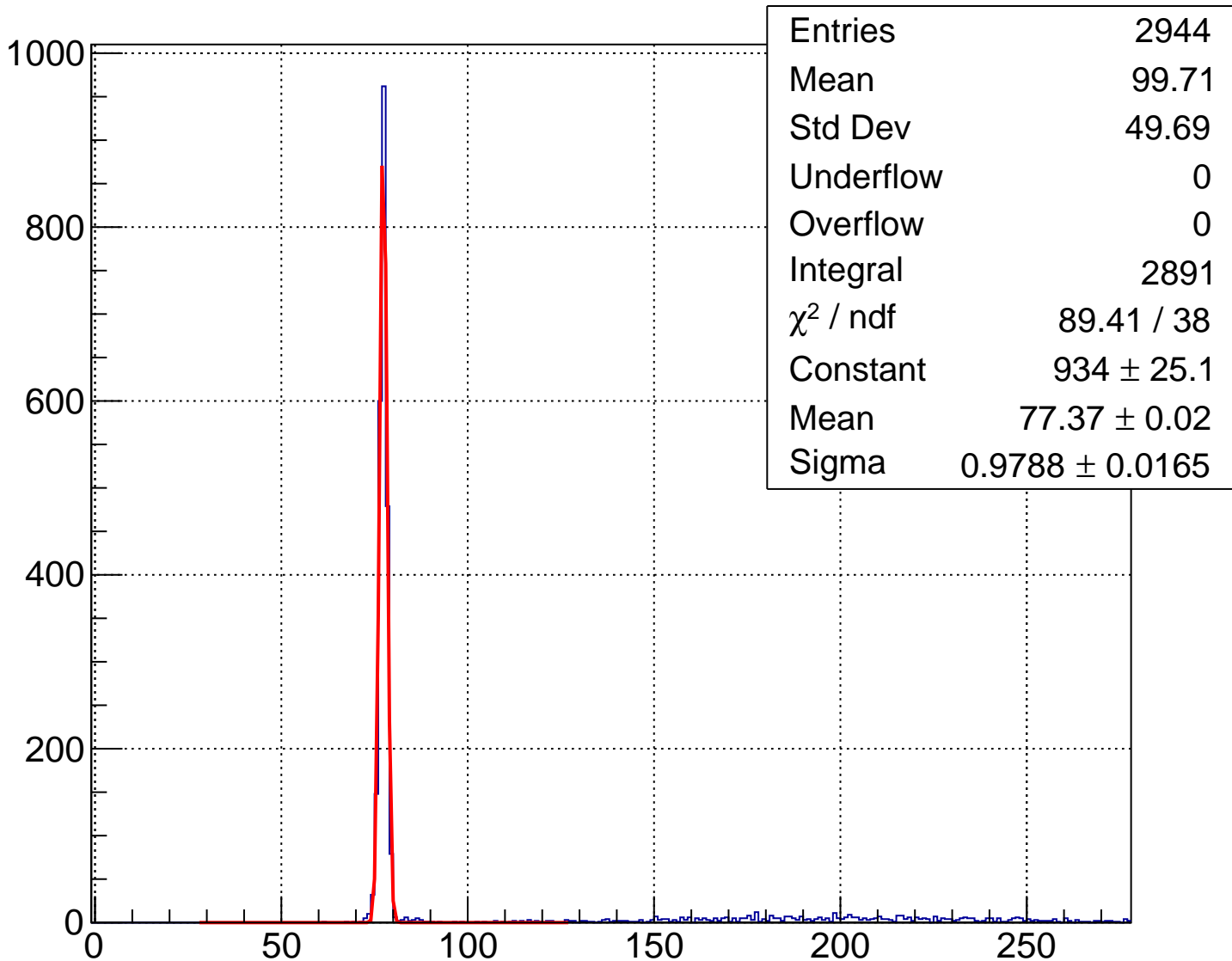
BH2DMIP6



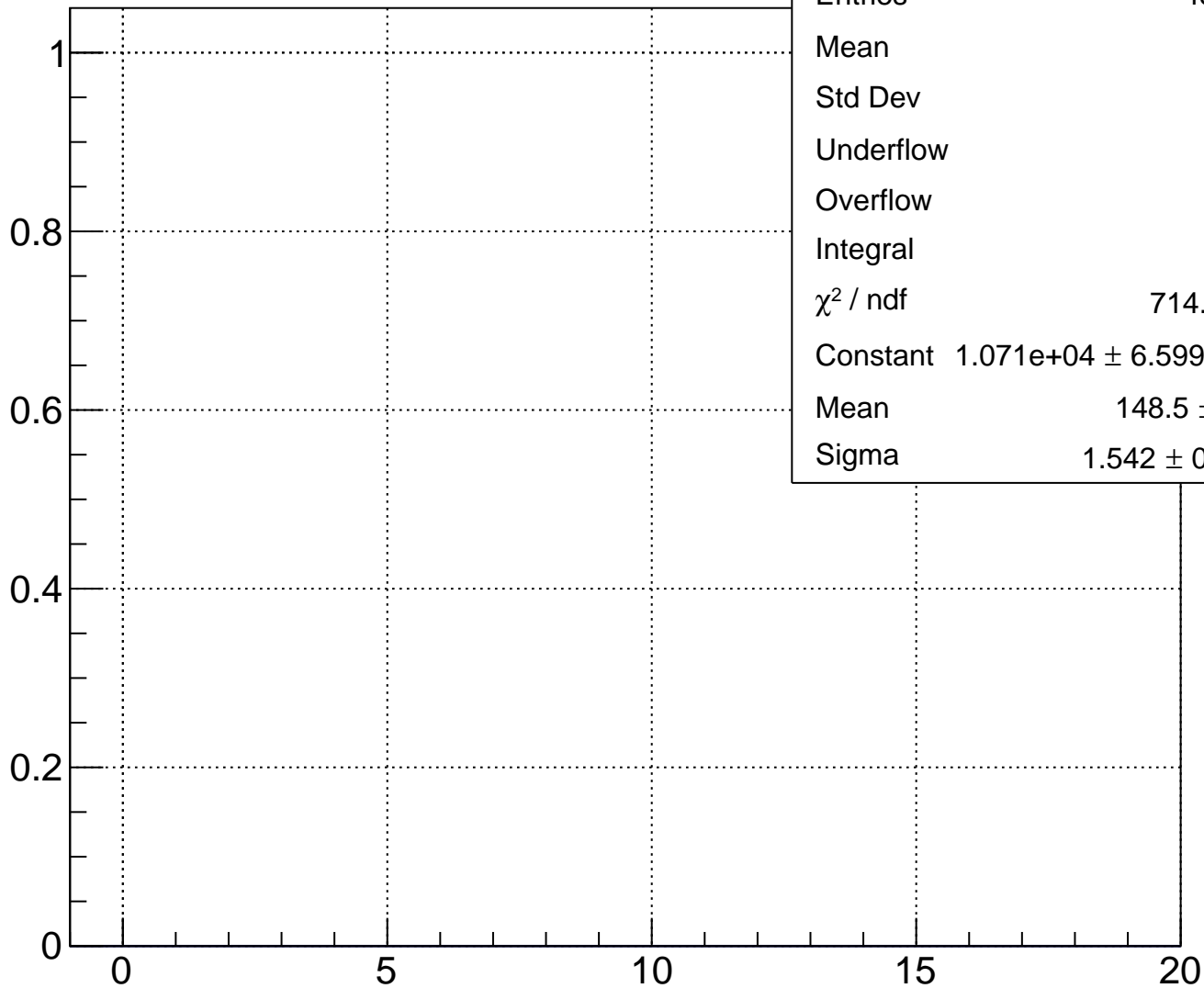
BH2DMIP7



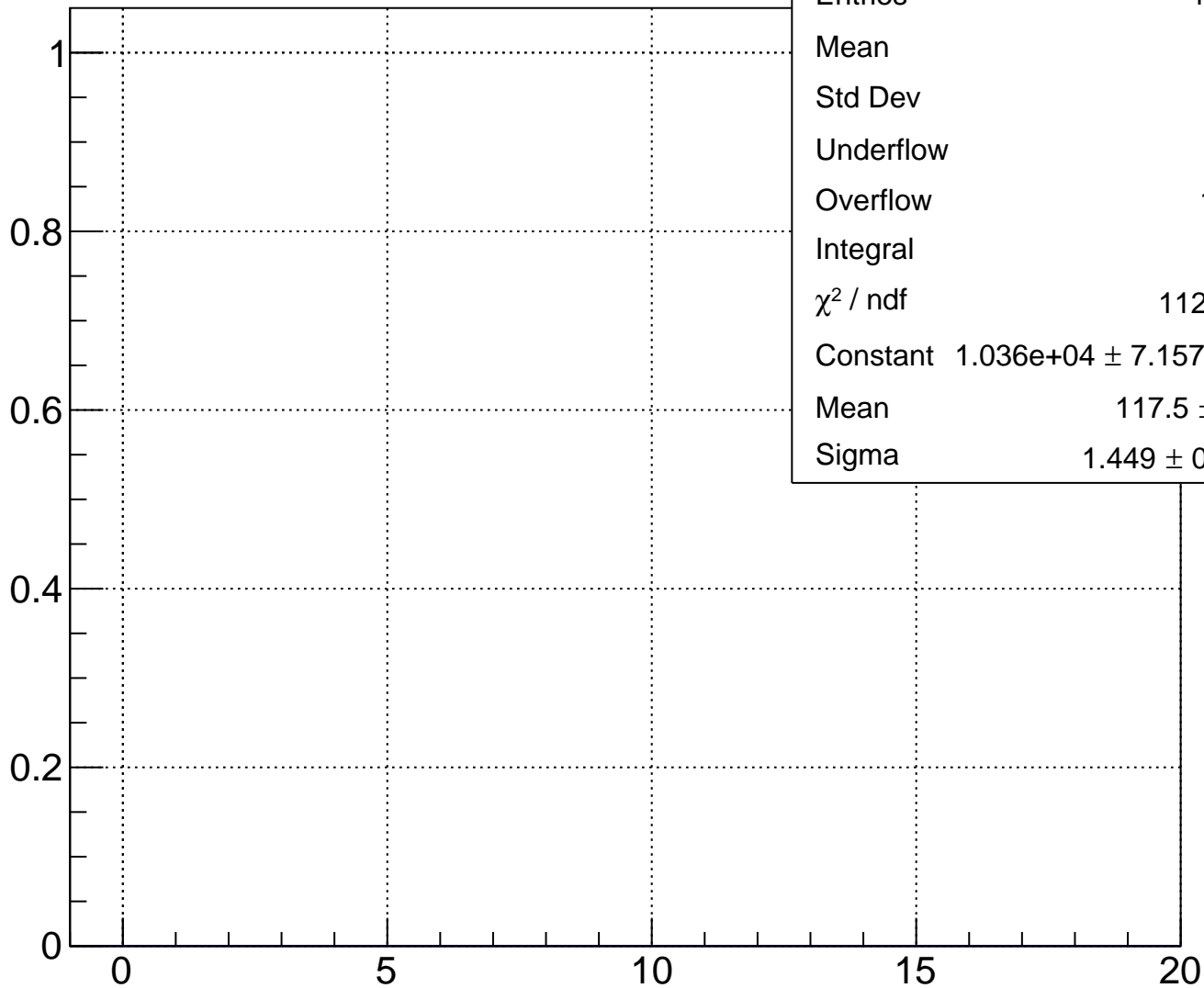
BH2DMIP8



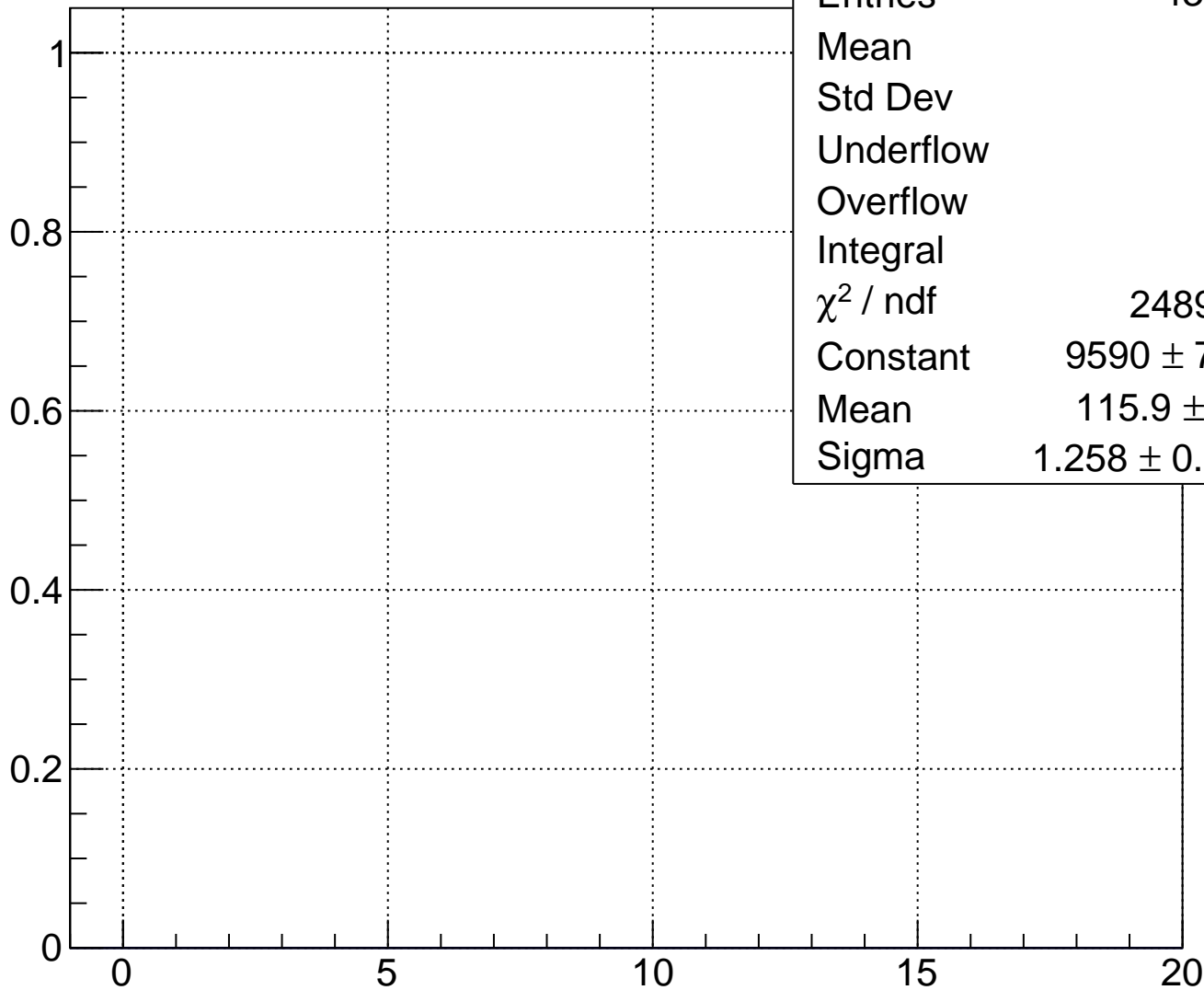
BH1UBG1



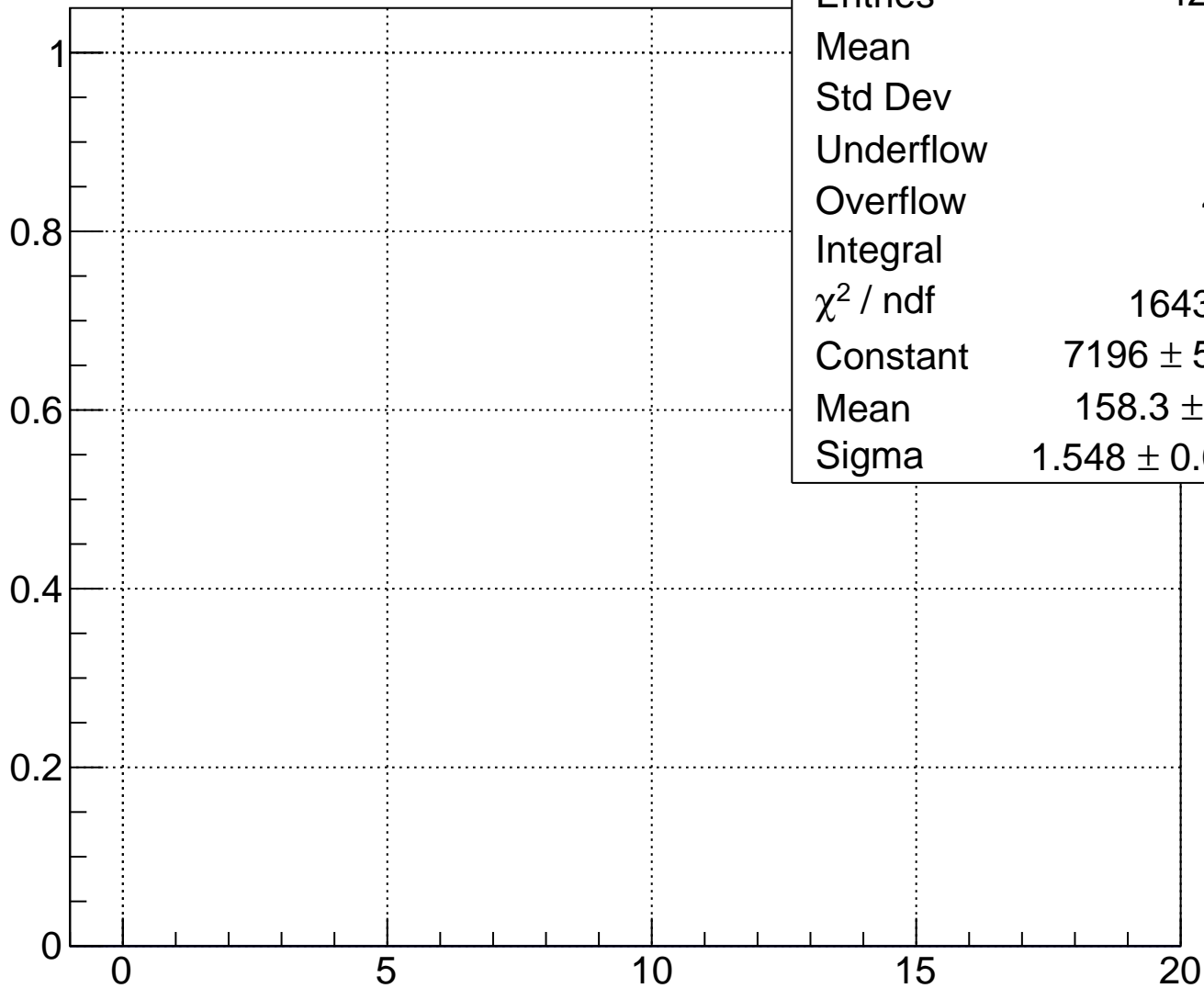
BH1UBG2



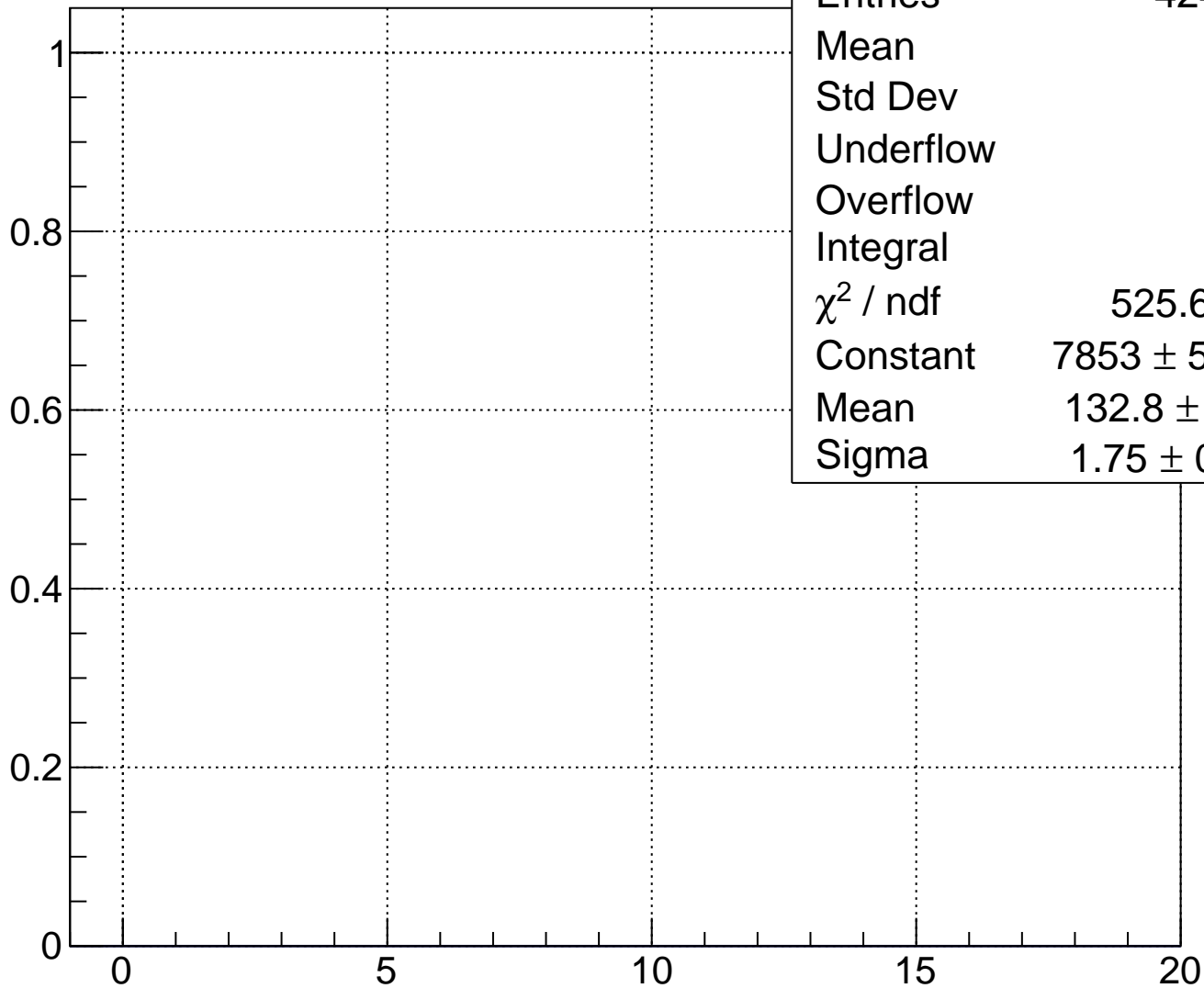
BH1UBG3



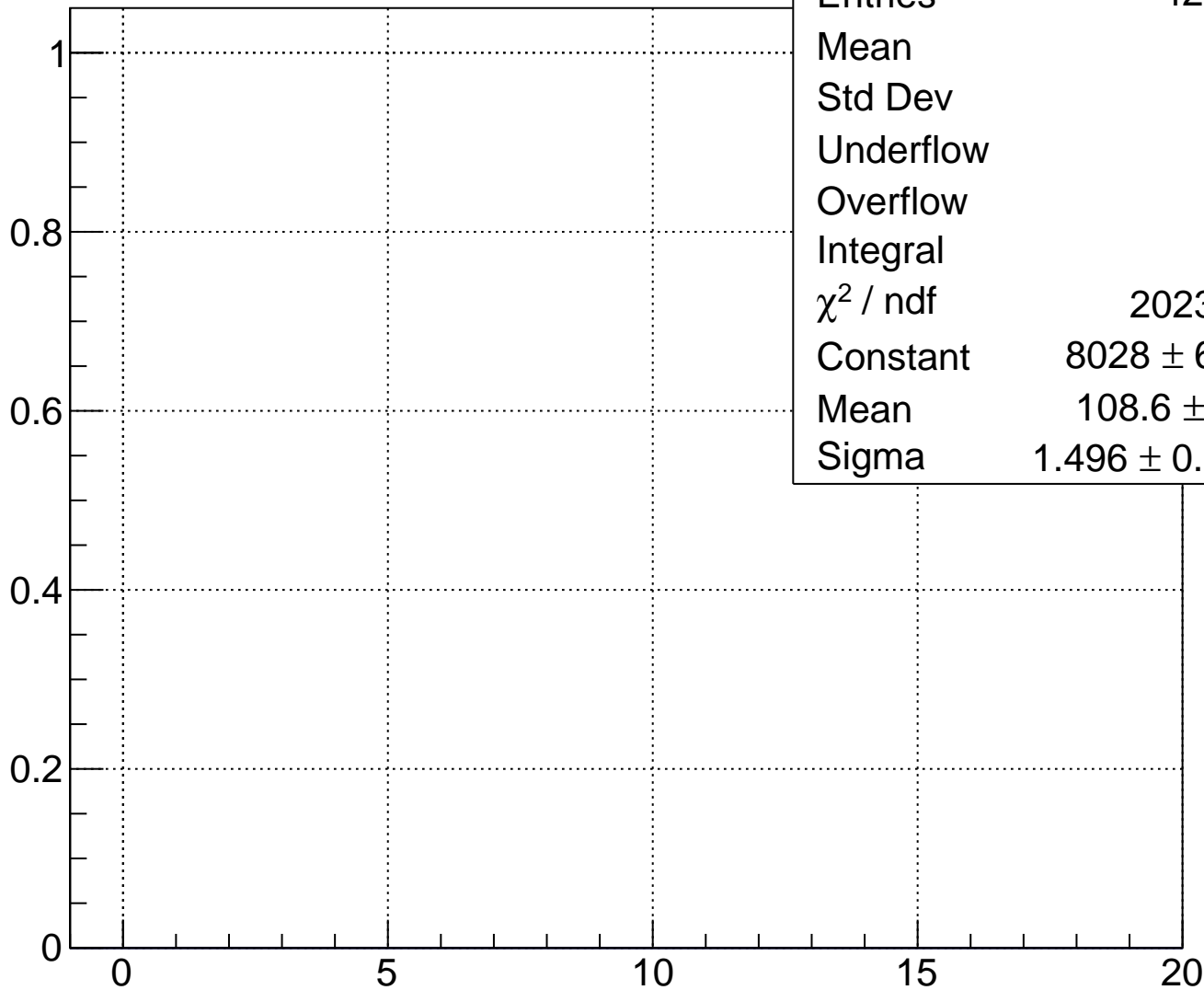
BH1UBG4



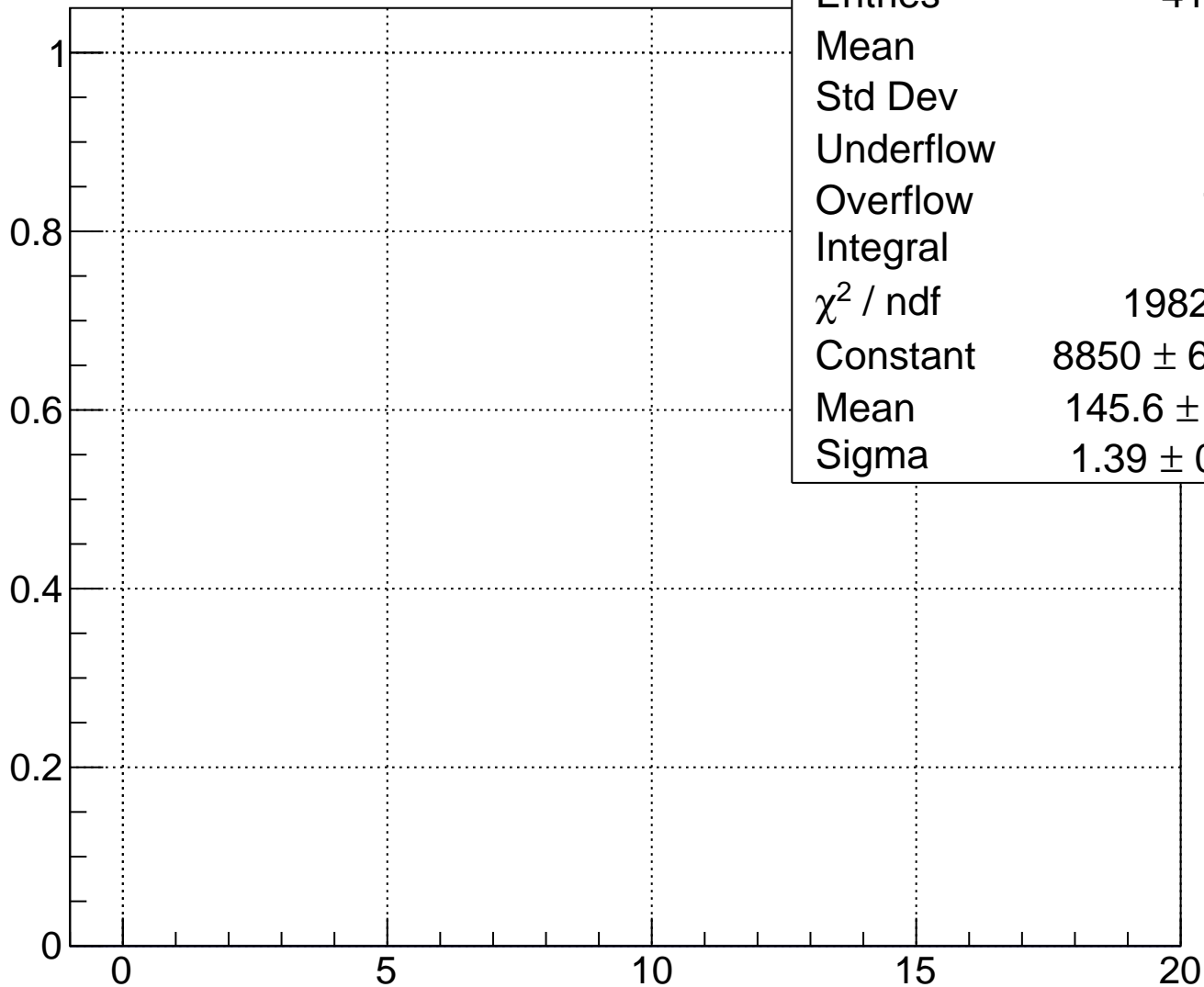
BH1UBG5



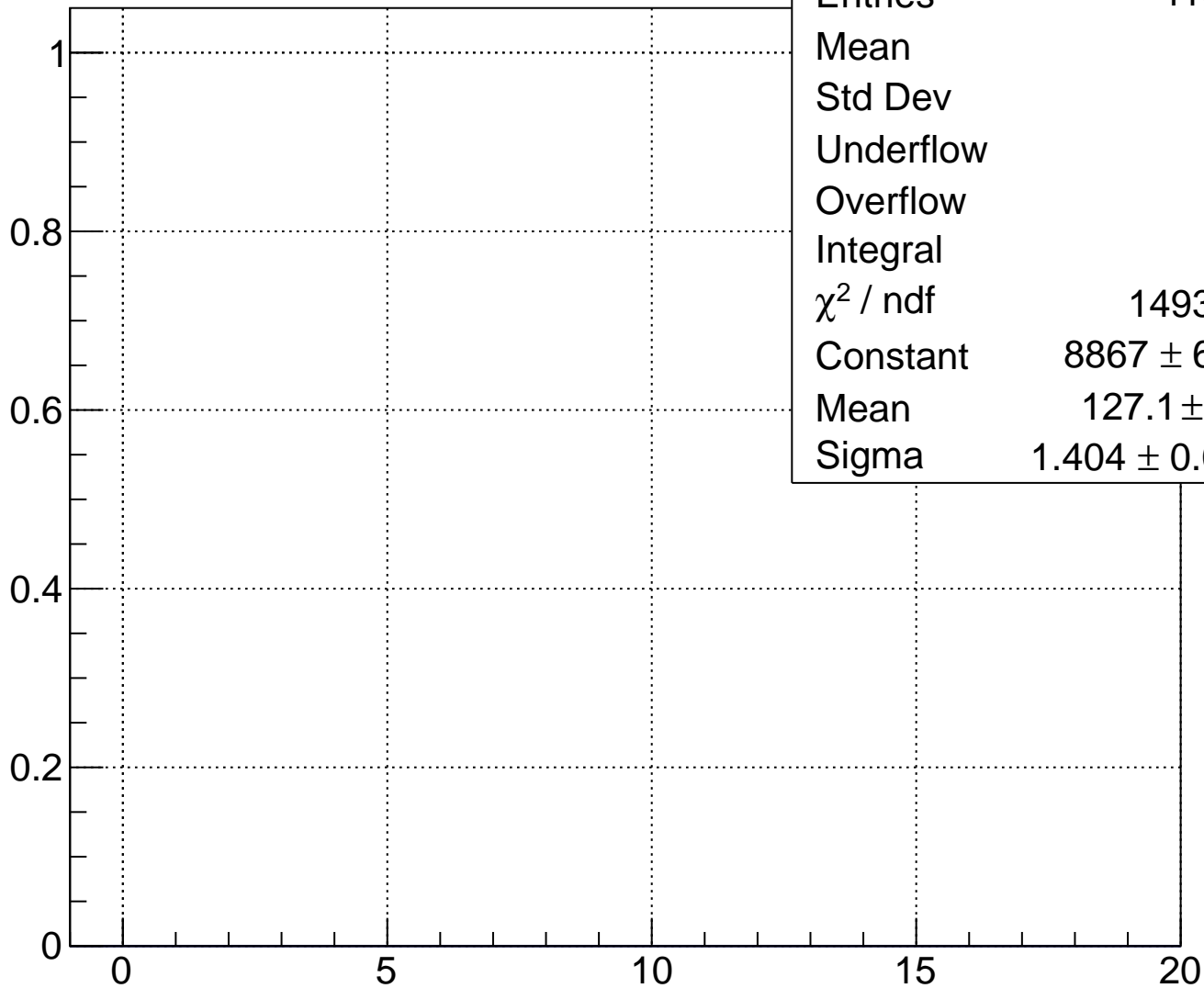
BH1UBG6



BH1UBG7

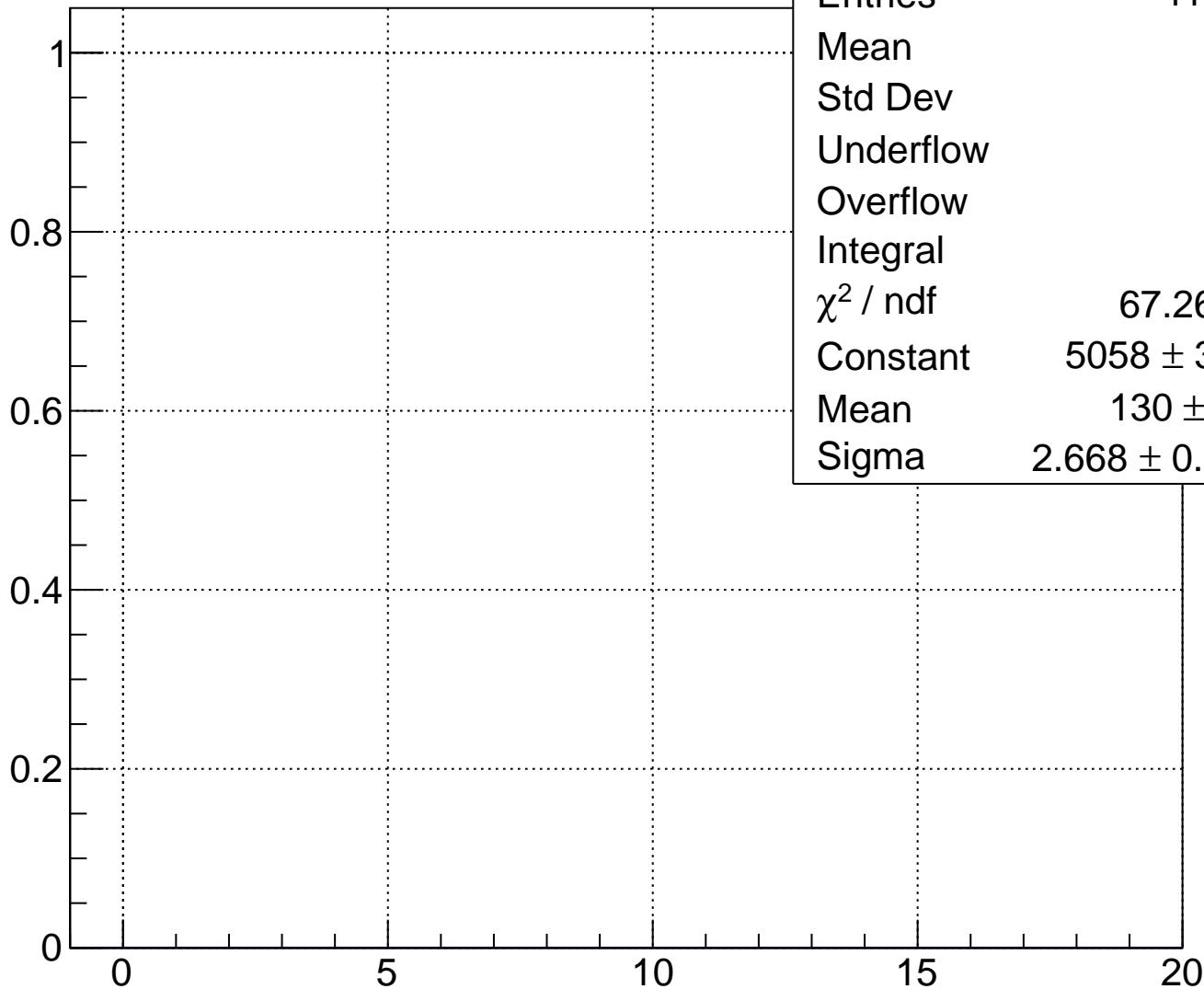


BH1UBG8

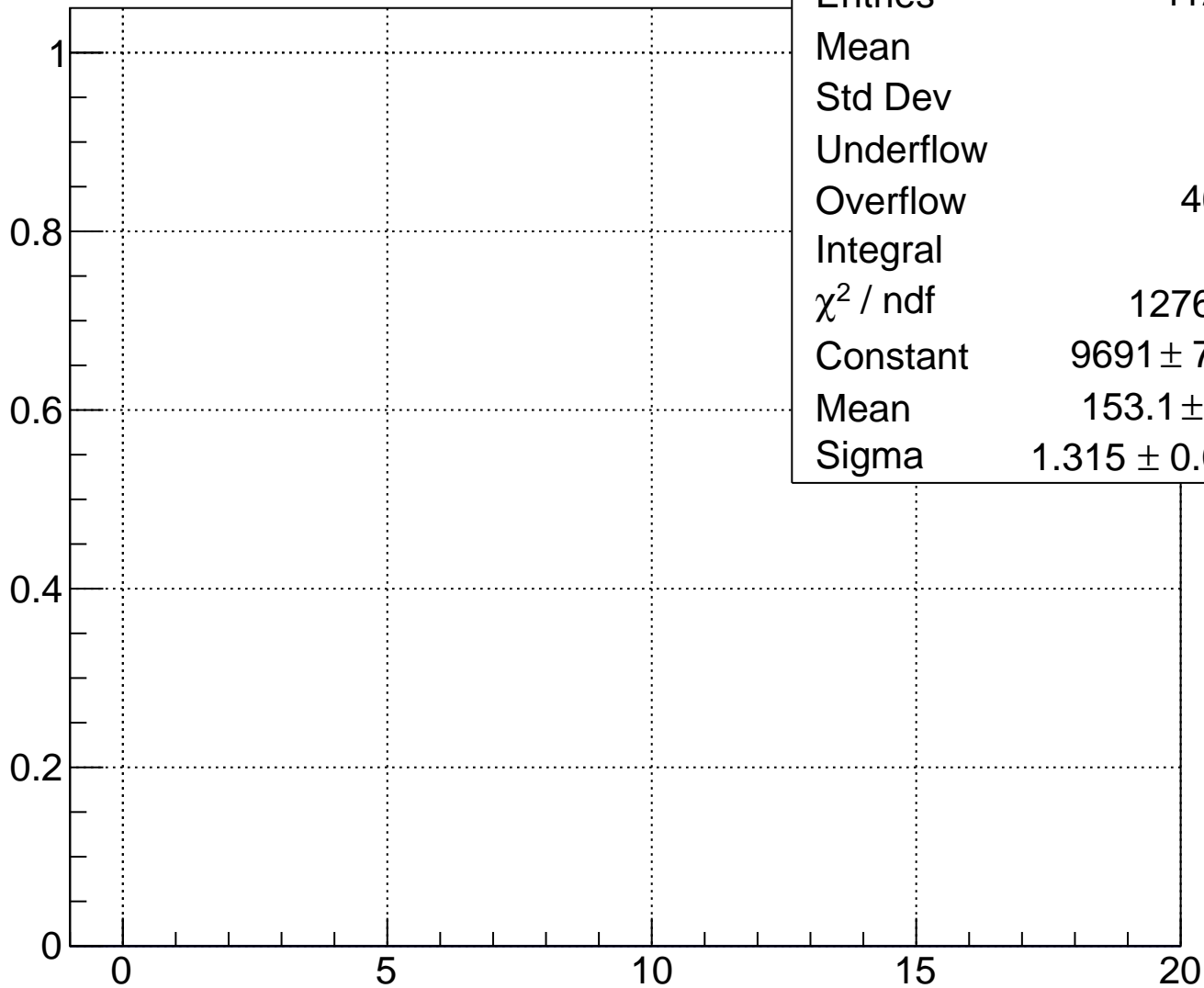


Entries	41629
Mean	0
Std Dev	0
Underflow	0
Overflow	42
Integral	0
χ^2 / ndf	1493 / 8
Constant	8867 ± 66.3
Mean	127.1 ± 0.0
Sigma	1.404 ± 0.007

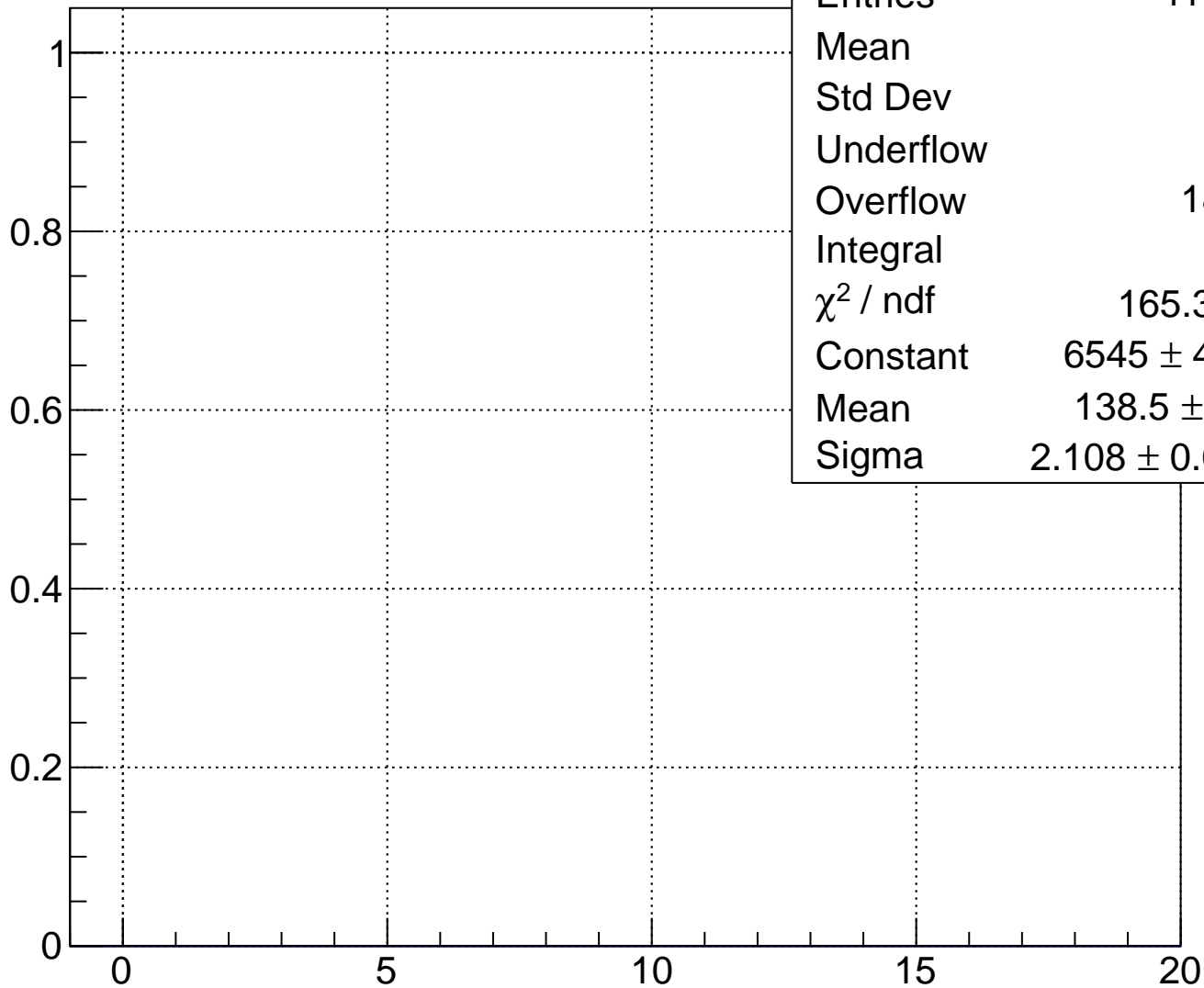
BH1UBG9



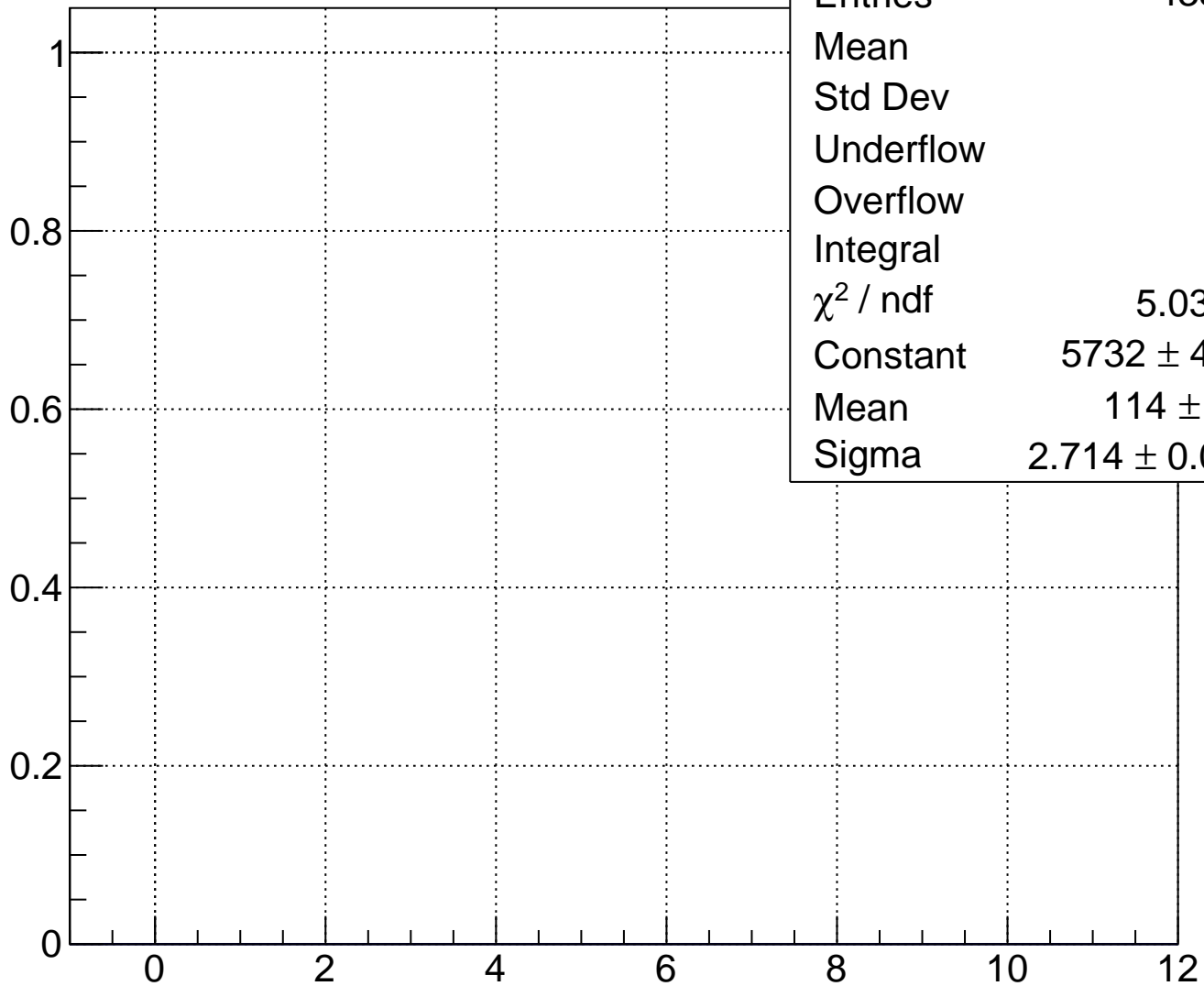
BH1UBG10



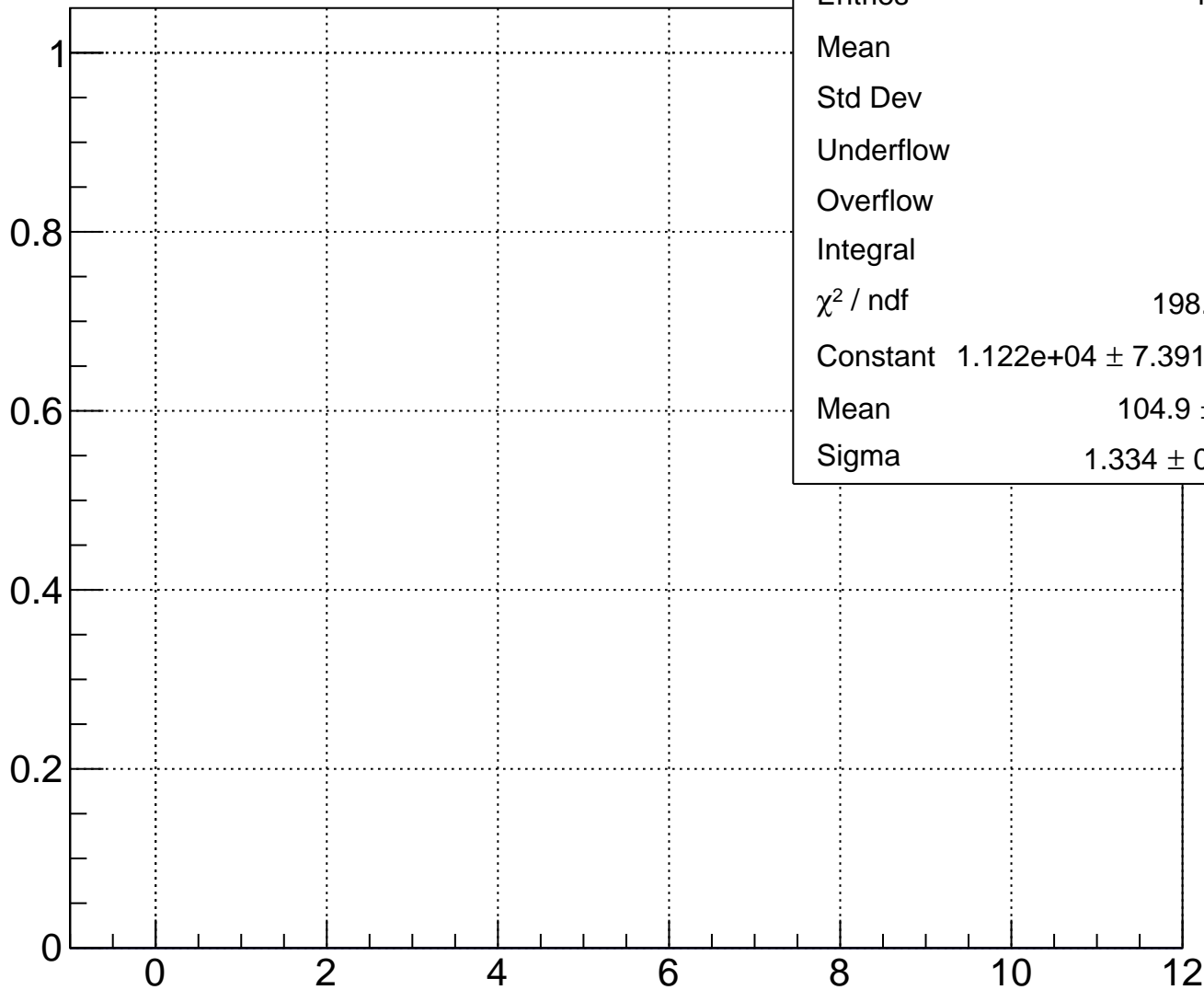
BH1UBG11



BH1DBG1

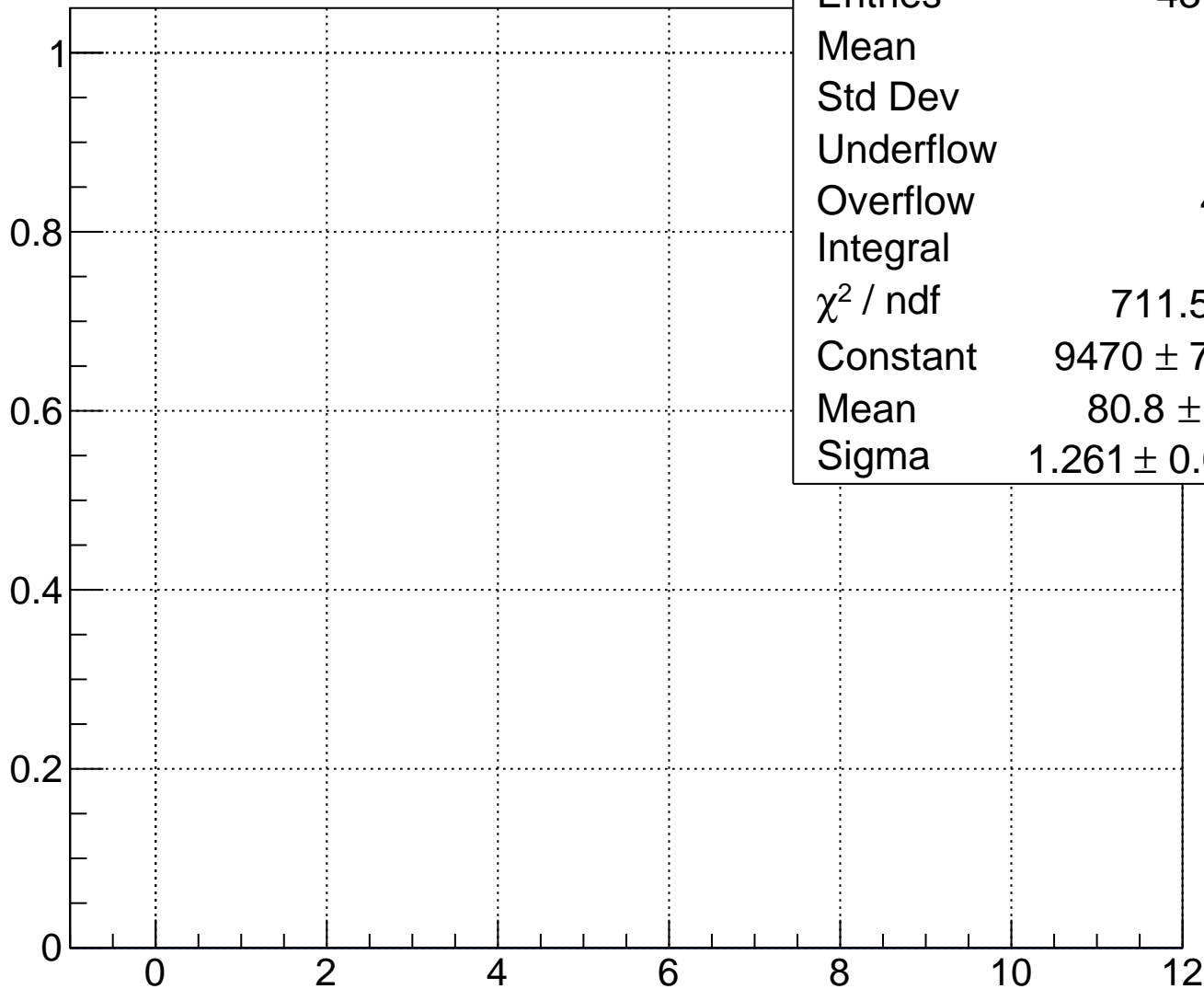


BH1DBG2



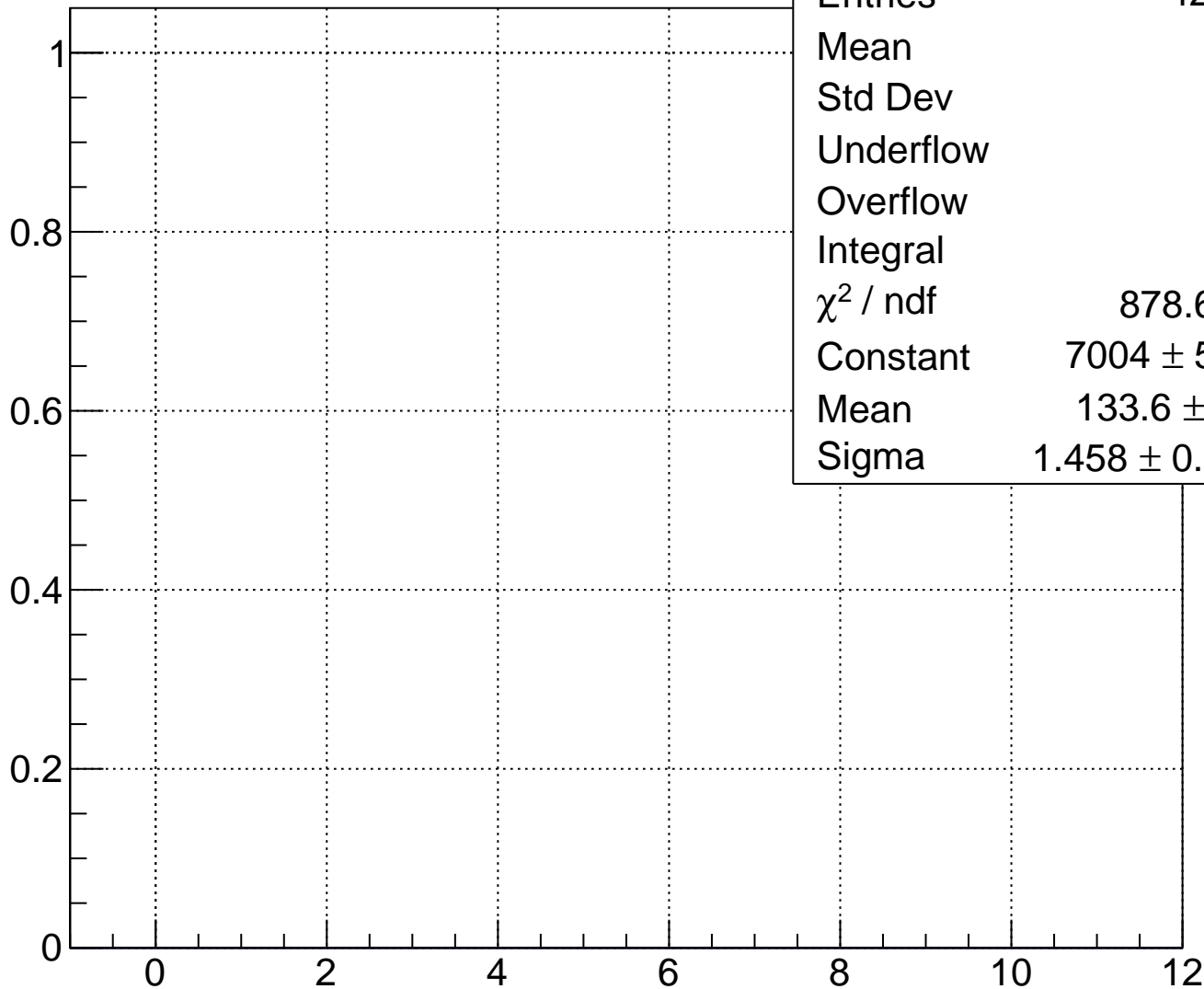
Entries	43451
Mean	0
Std Dev	0
Underflow	0
Overflow	505
Integral	0
χ^2 / ndf	198.2 / 4
Constant	$1.122\text{e}+04 \pm 7.391\text{e}+01$
Mean	104.9 ± 0.0
Sigma	1.334 ± 0.006

BH1DBG3

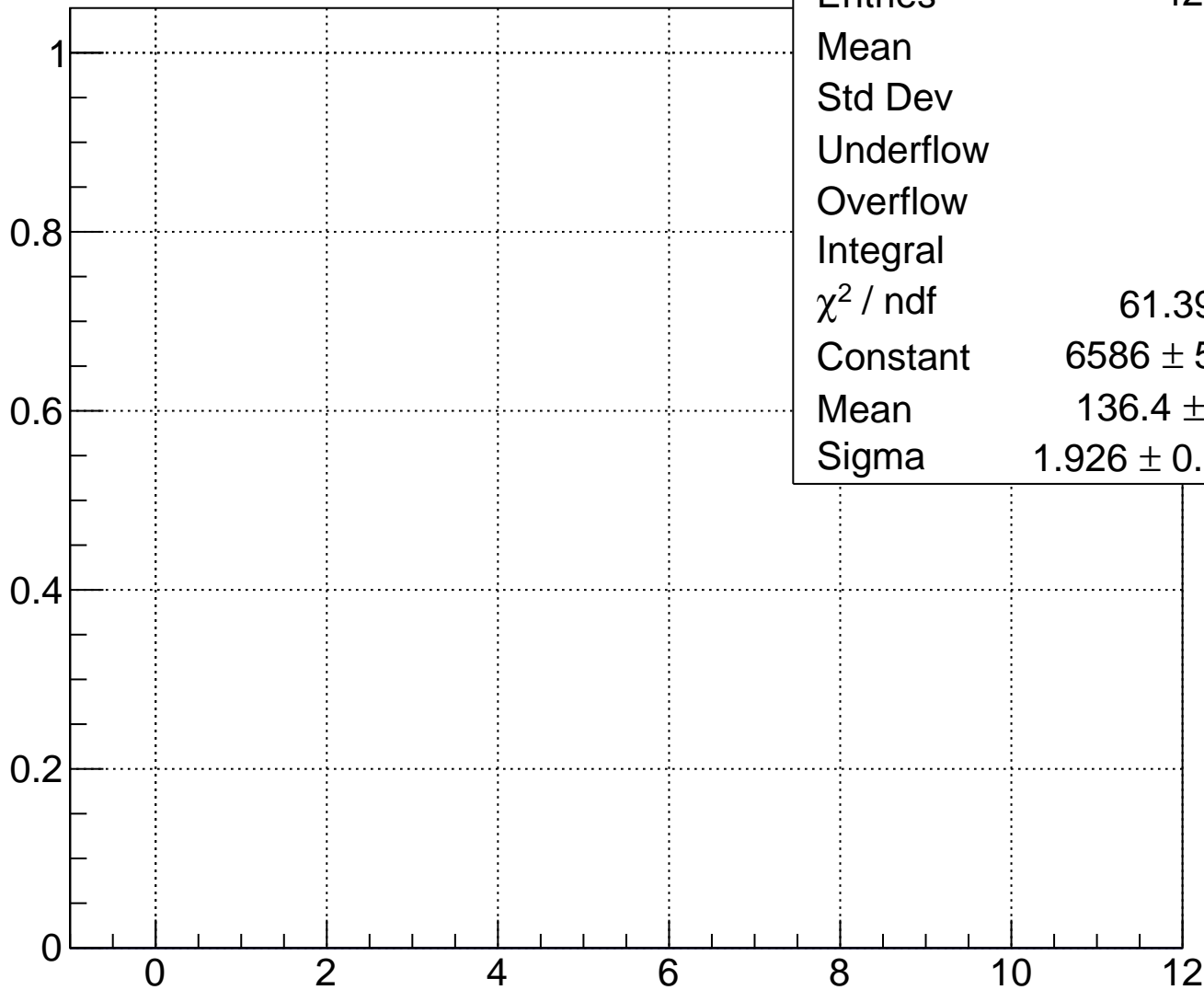


Entries	43160
Mean	0
Std Dev	0
Underflow	0
Overflow	477
Integral	0
χ^2 / ndf	711.5 / 4
Constant	9470 ± 70.6
Mean	80.8 ± 0.0
Sigma	1.261 ± 0.006

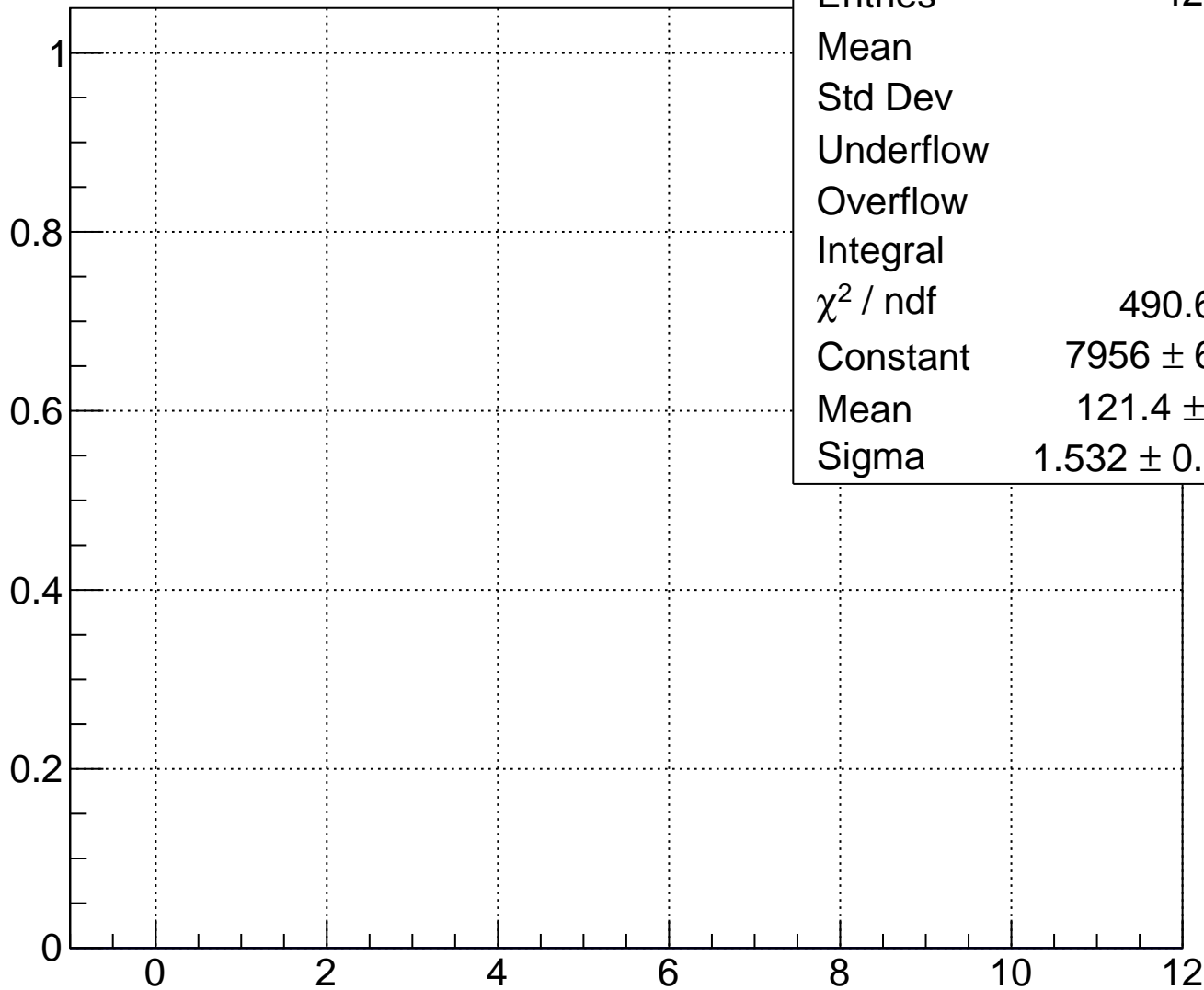
BH1DBG4



BH1DBG5

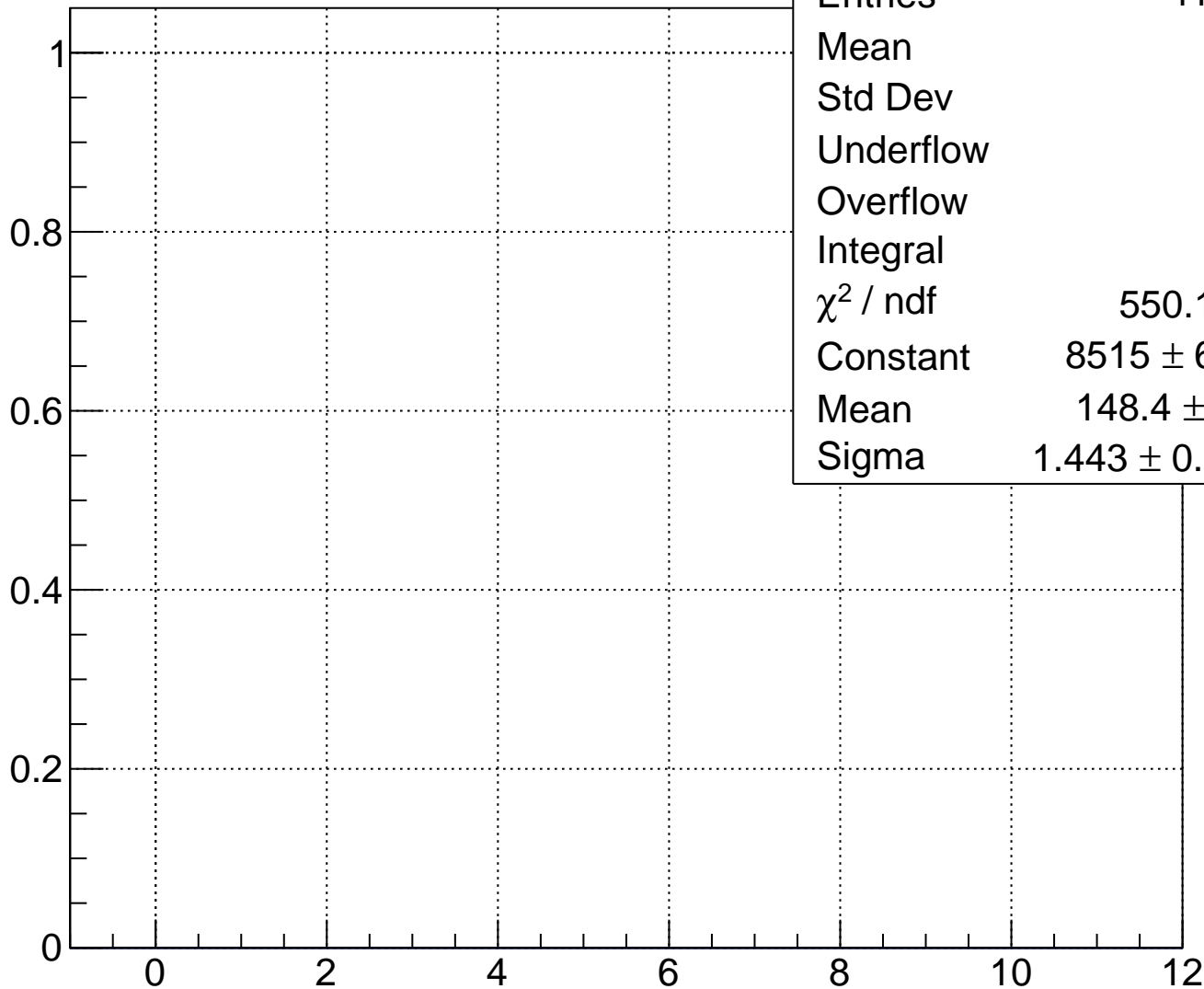


BH1DBG6

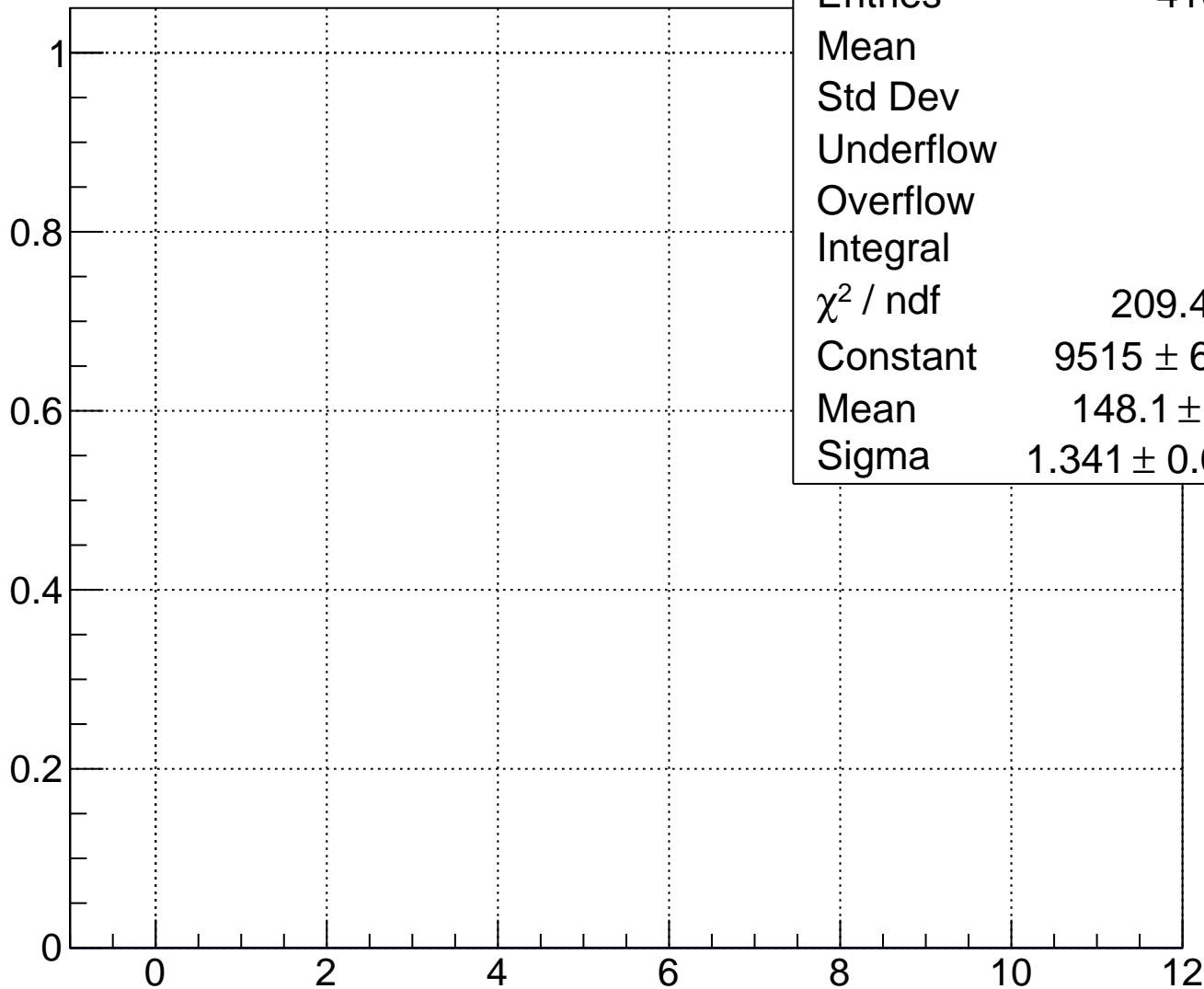


Entries	42097
Mean	0
Std Dev	0
Underflow	0
Overflow	137
Integral	0
χ^2 / ndf	490.6 / 4
Constant	7956 ± 61.9
Mean	121.4 ± 0.0
Sigma	1.532 ± 0.009

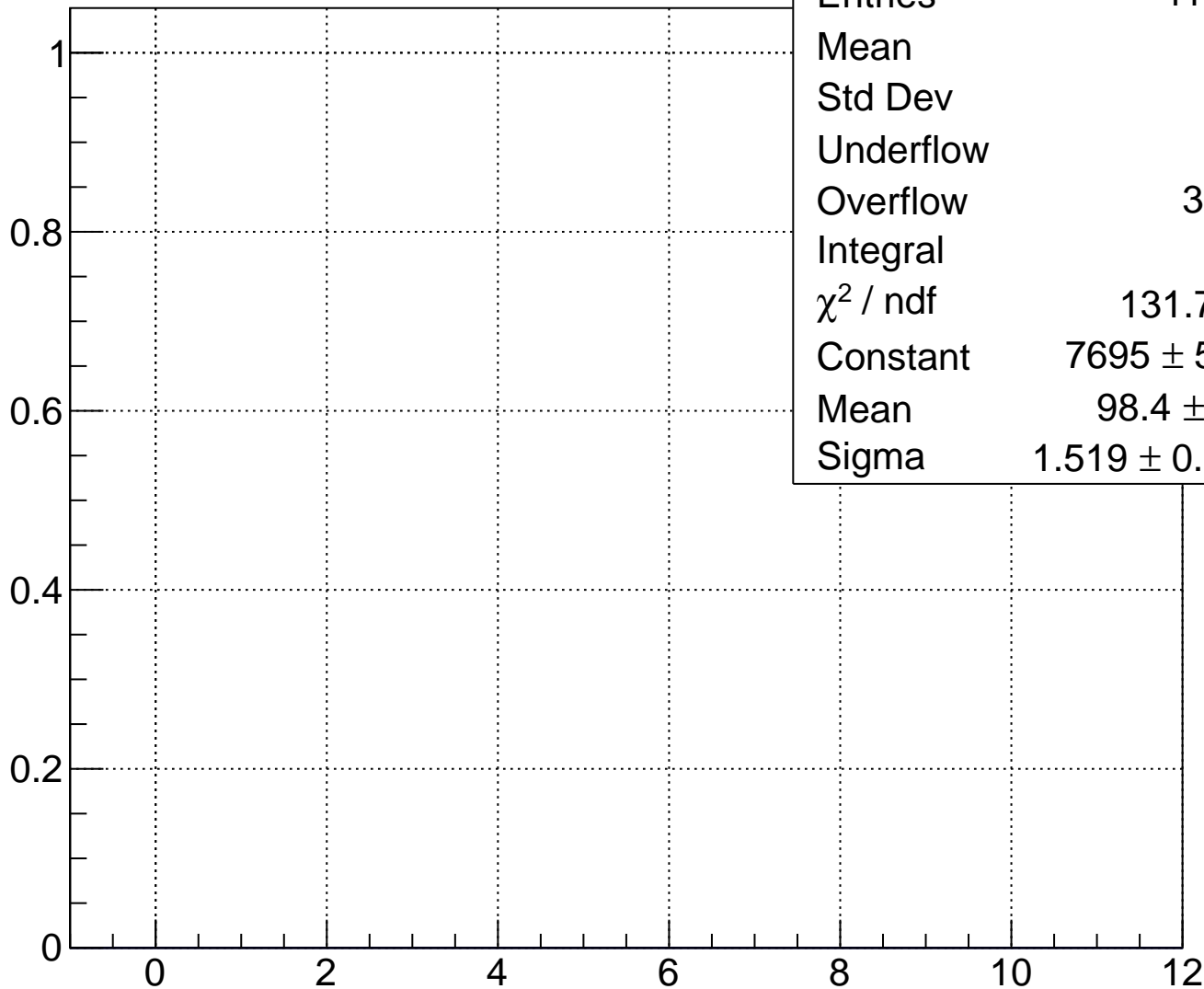
BH1DBG7



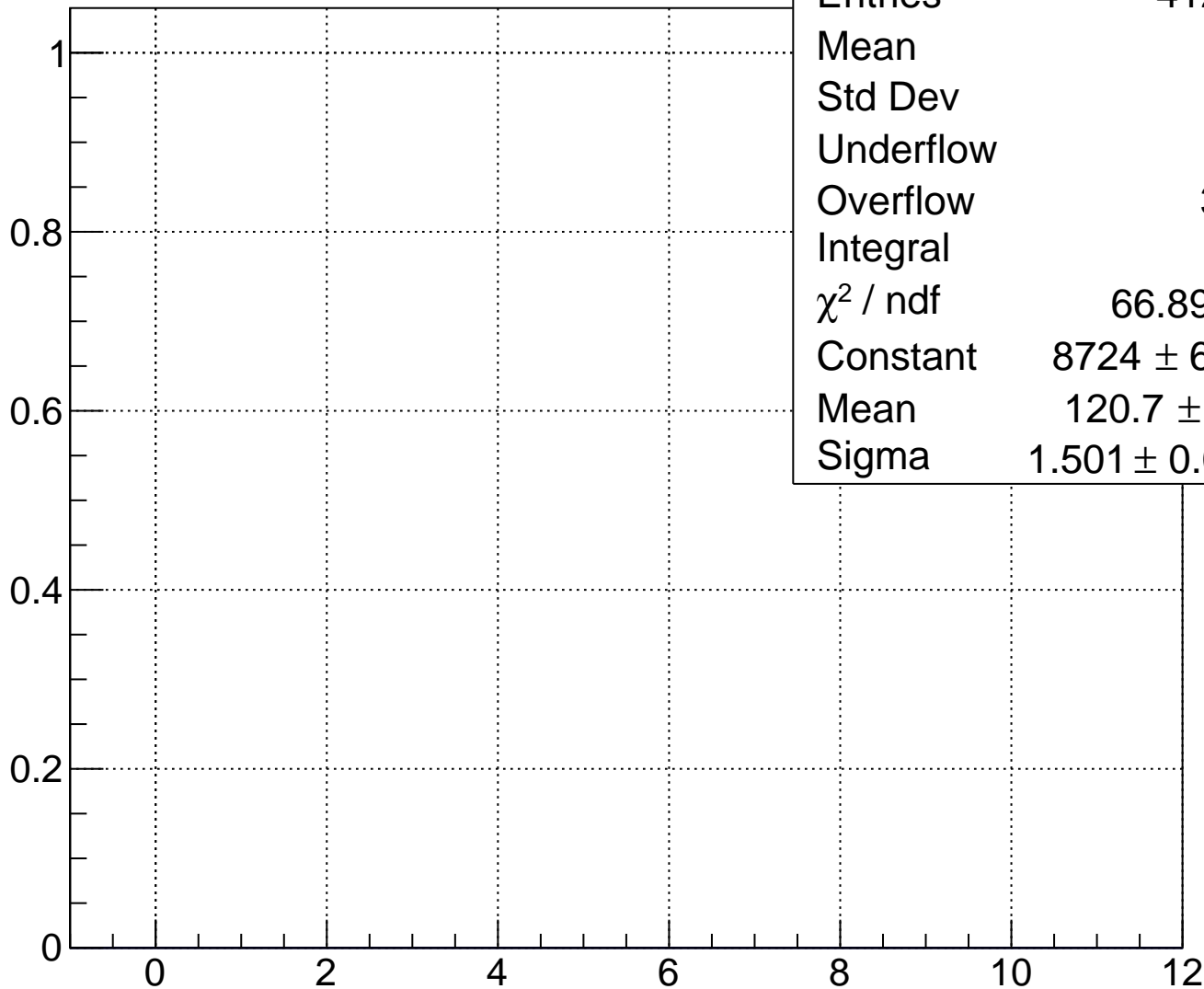
BH1DBG8



BH1DBG9

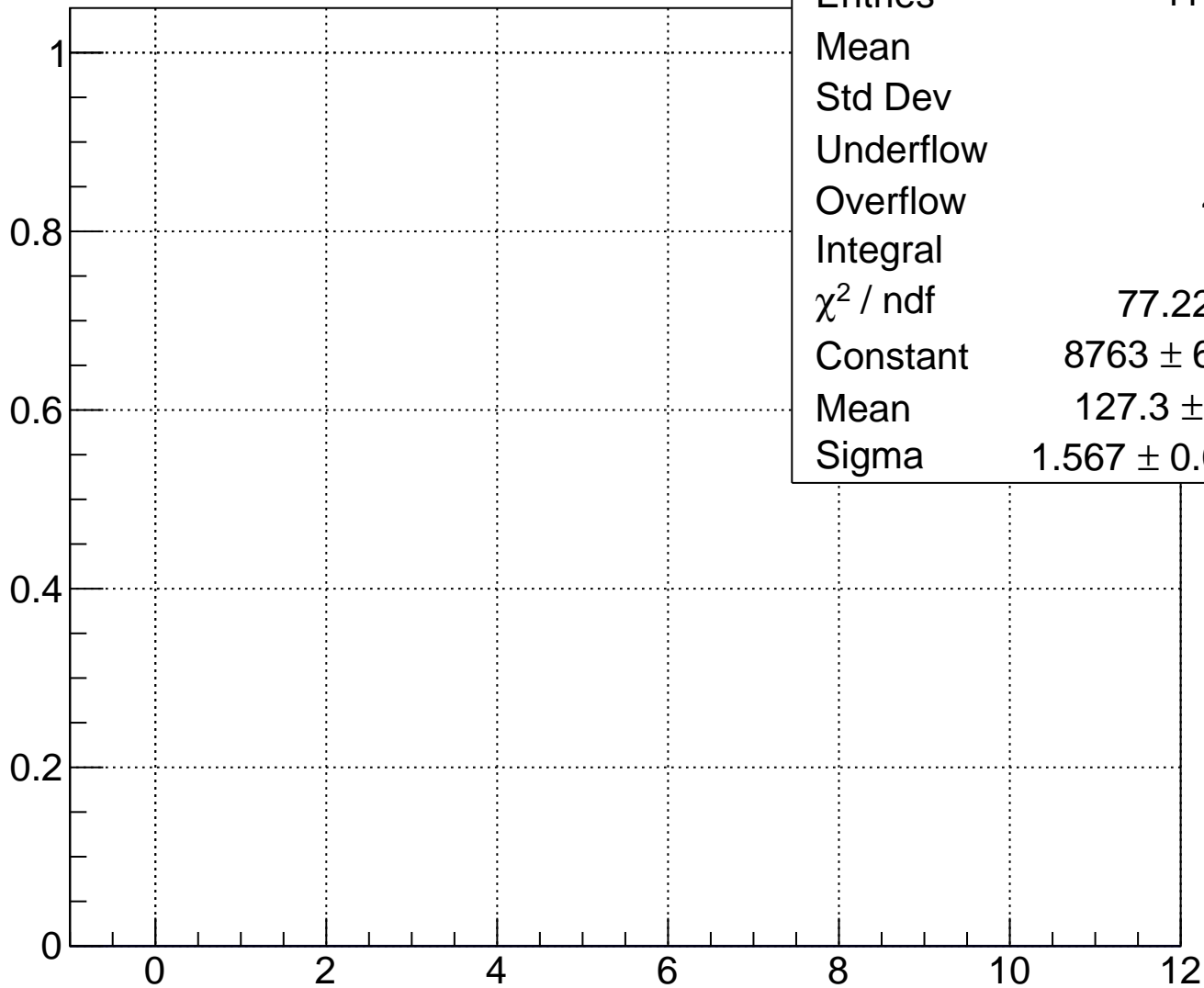


BH1DBG10

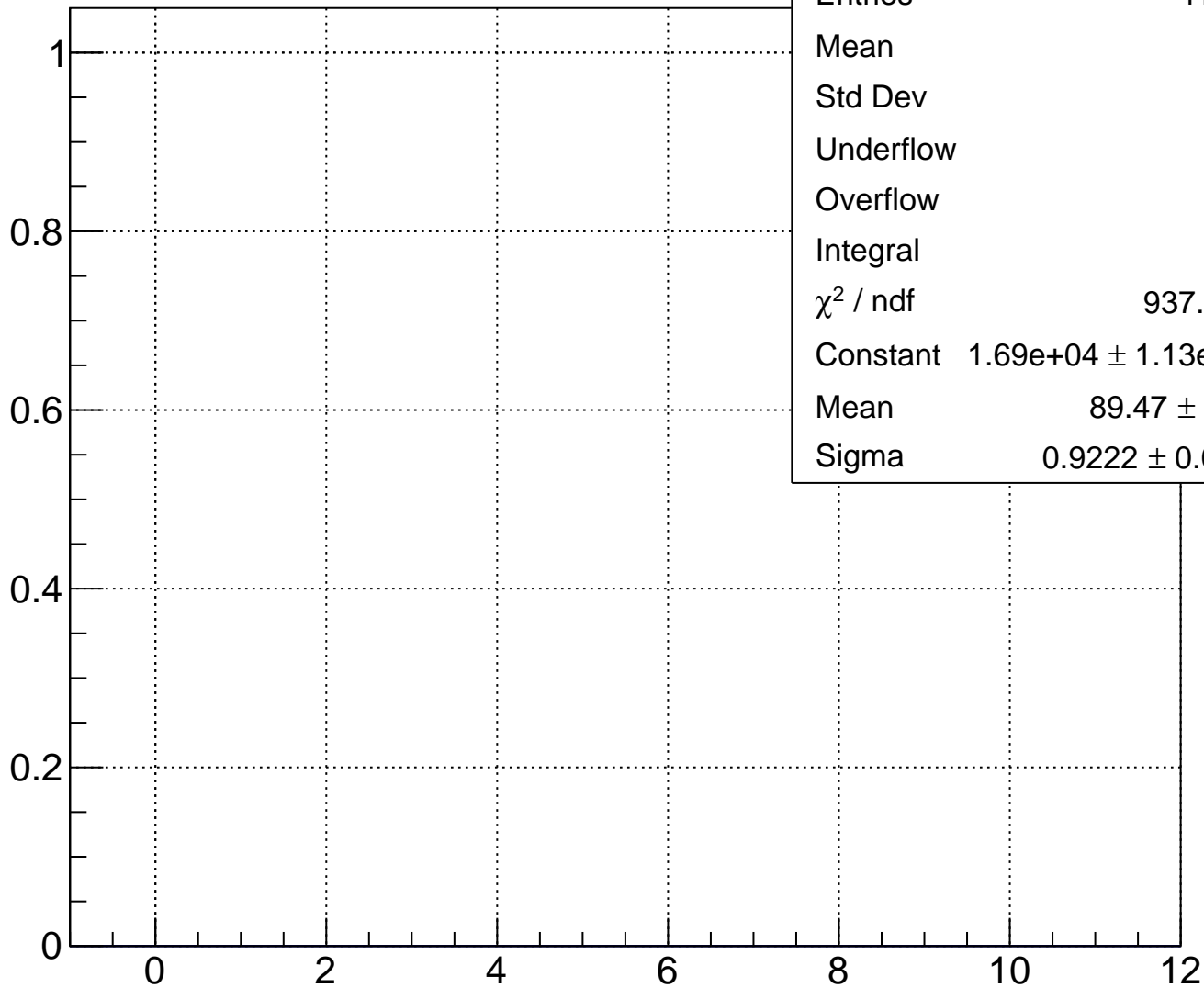


Entries	41278
Mean	0
Std Dev	0
Underflow	0
Overflow	397
Integral	0
χ^2 / ndf	66.89 / 4
Constant	8724 ± 63.2
Mean	120.7 ± 0.0
Sigma	1.501 ± 0.008

BH1DBG11

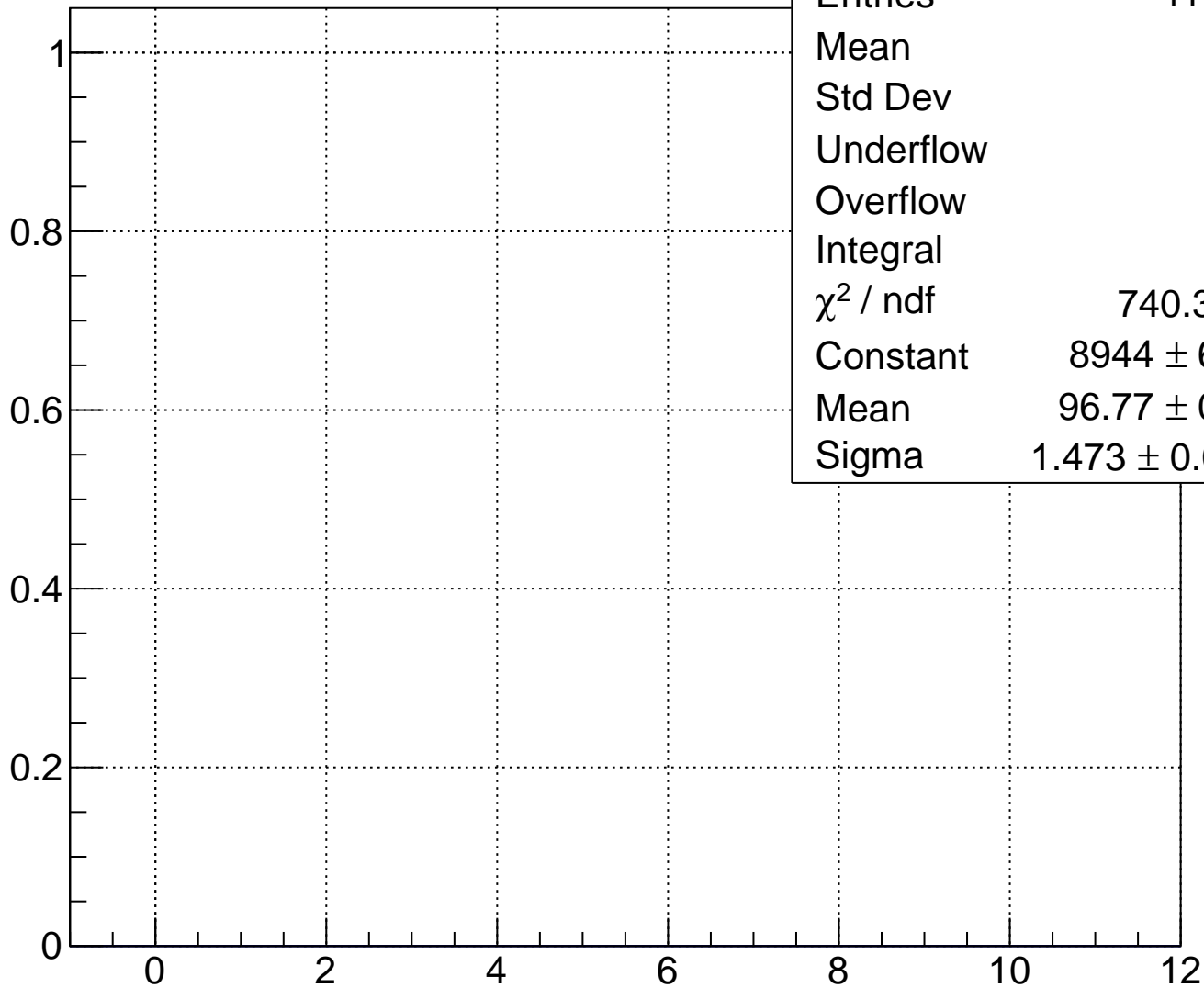


BH2UBG1

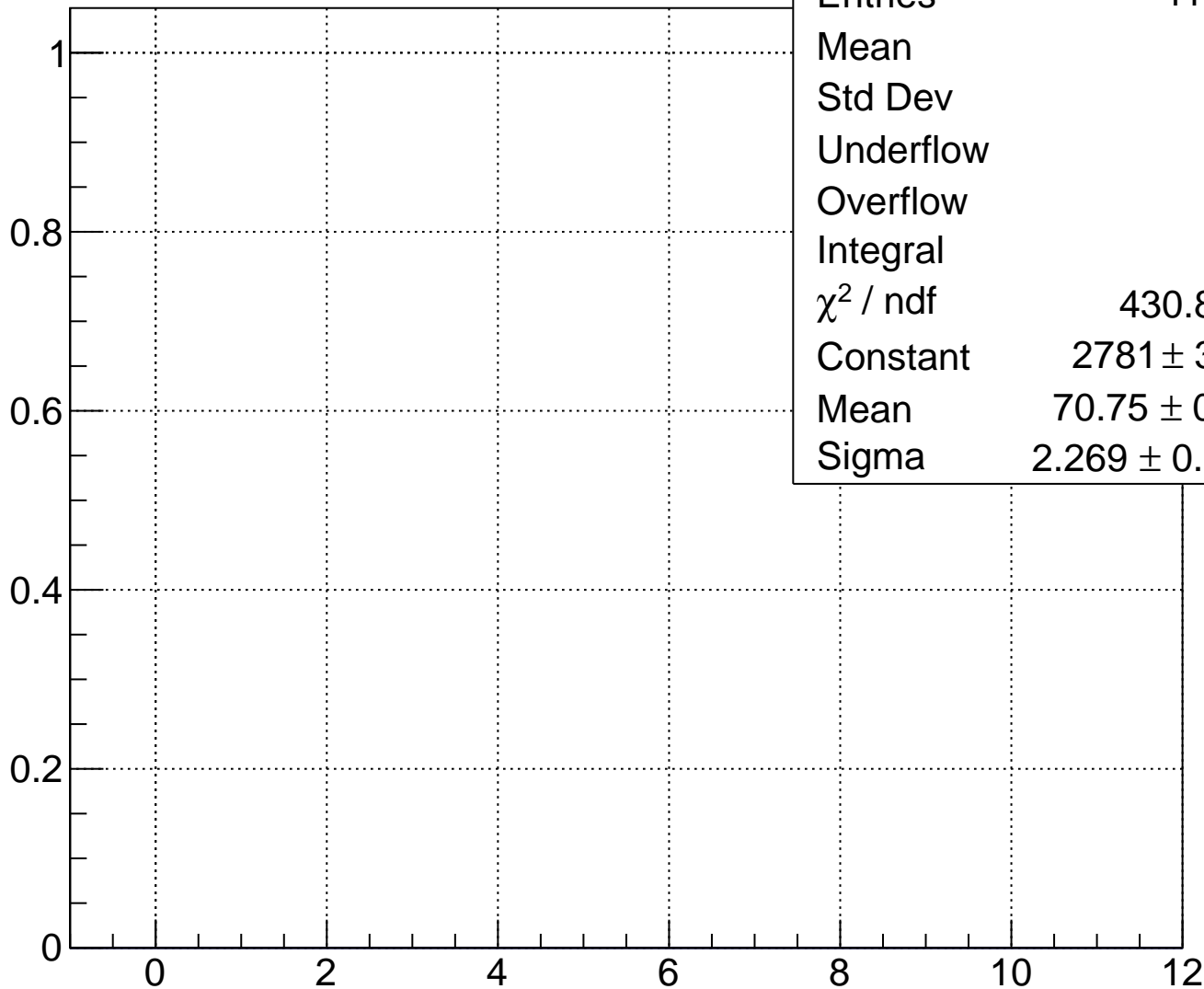


Entries	41057
Mean	0
Std Dev	0
Underflow	0
Overflow	7
Integral	0
χ^2 / ndf	937.8 / 4
Constant	$1.69\text{e}+04 \pm 1.13\text{e}+02$
Mean	89.47 ± 0.00
Sigma	0.9222 ± 0.0041

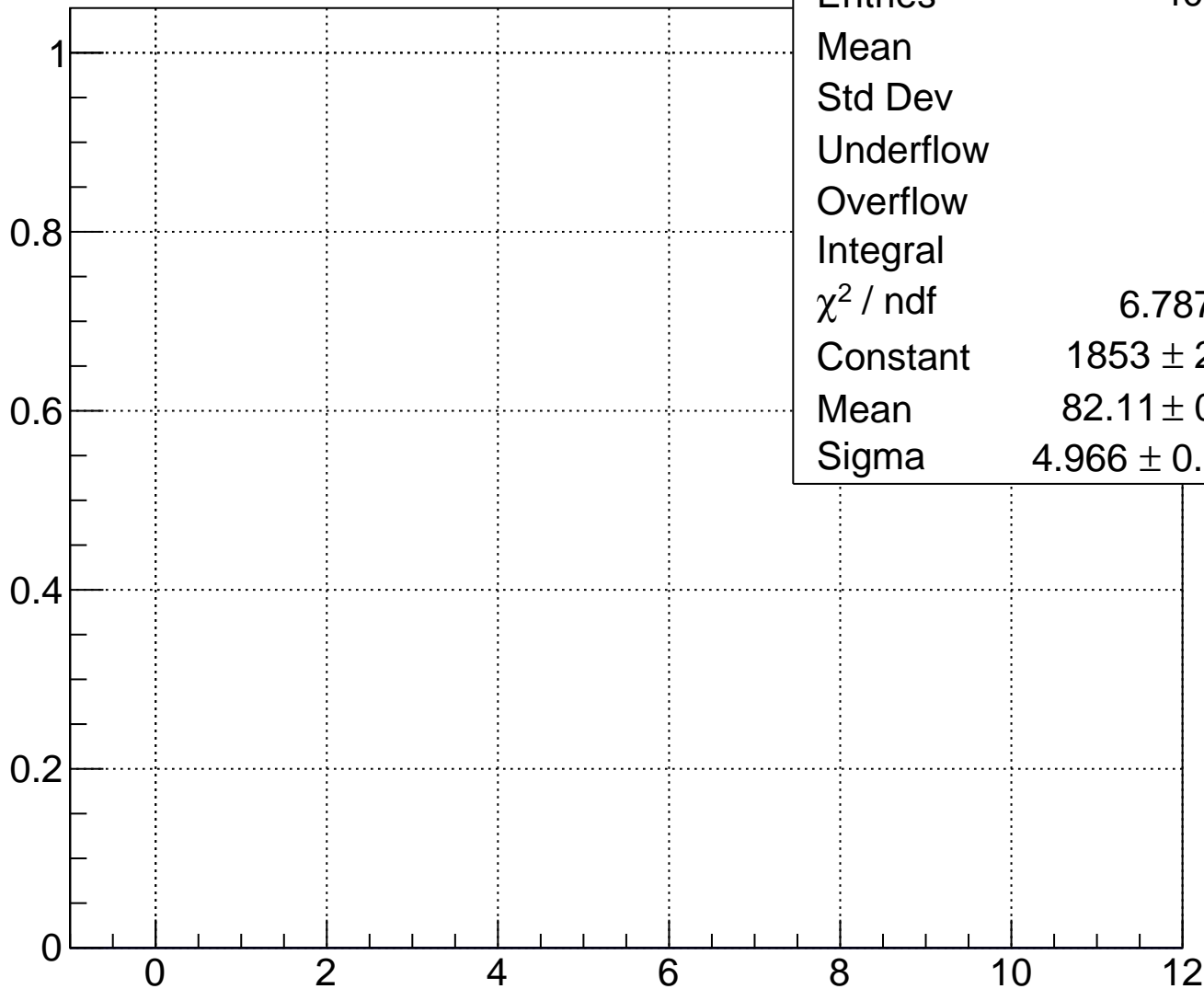
BH2UBG2



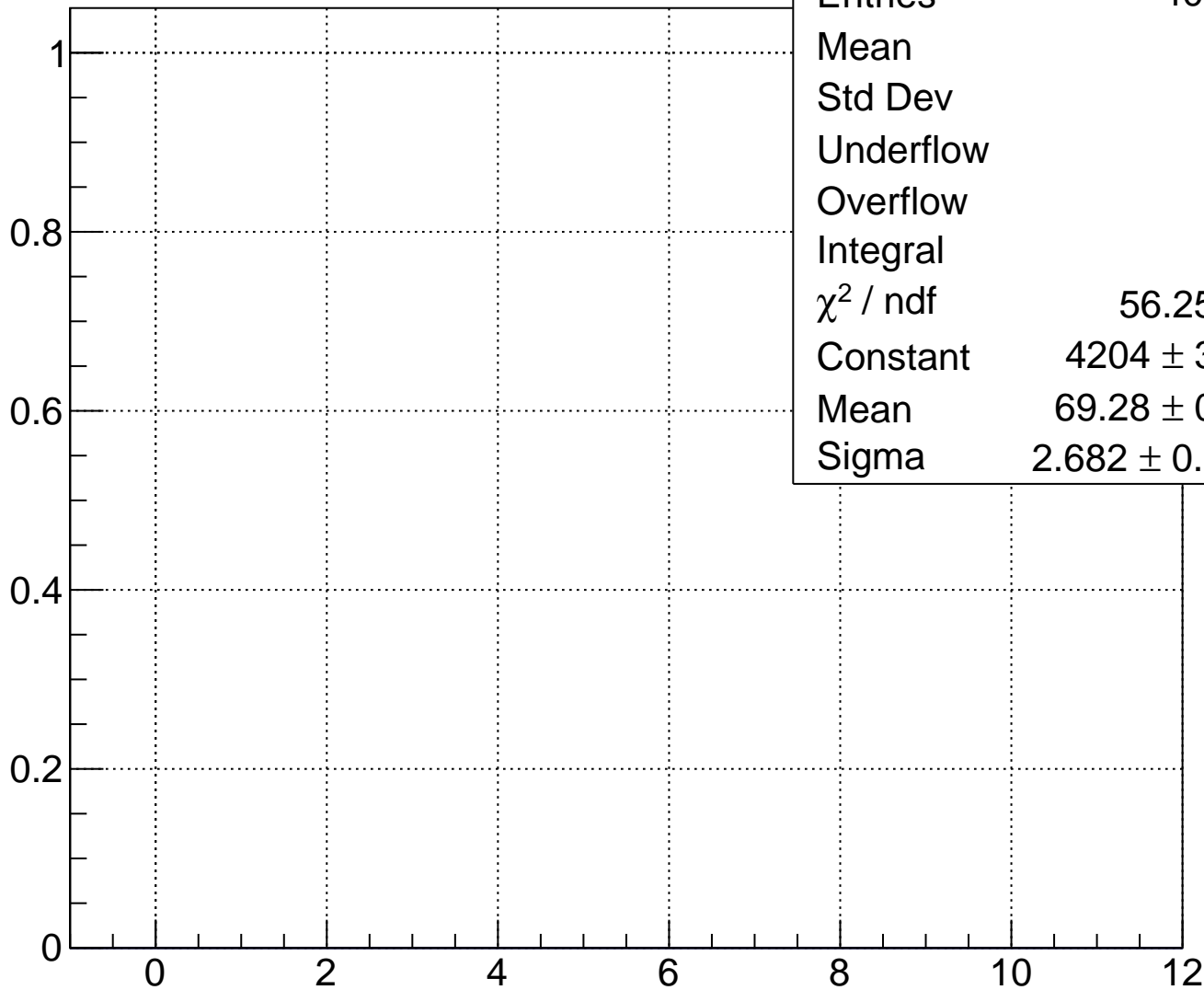
BH2UBG3



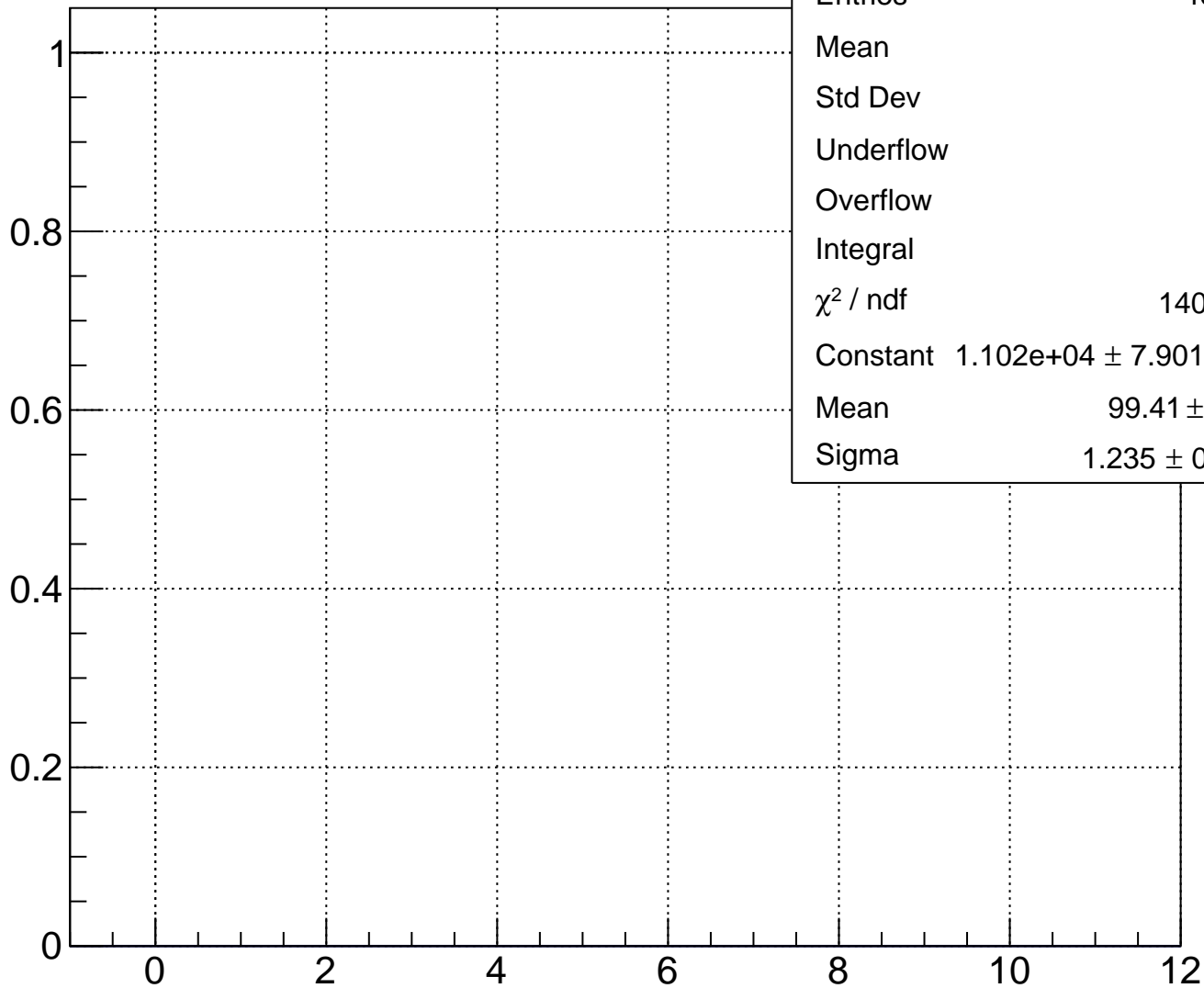
BH2UBG4



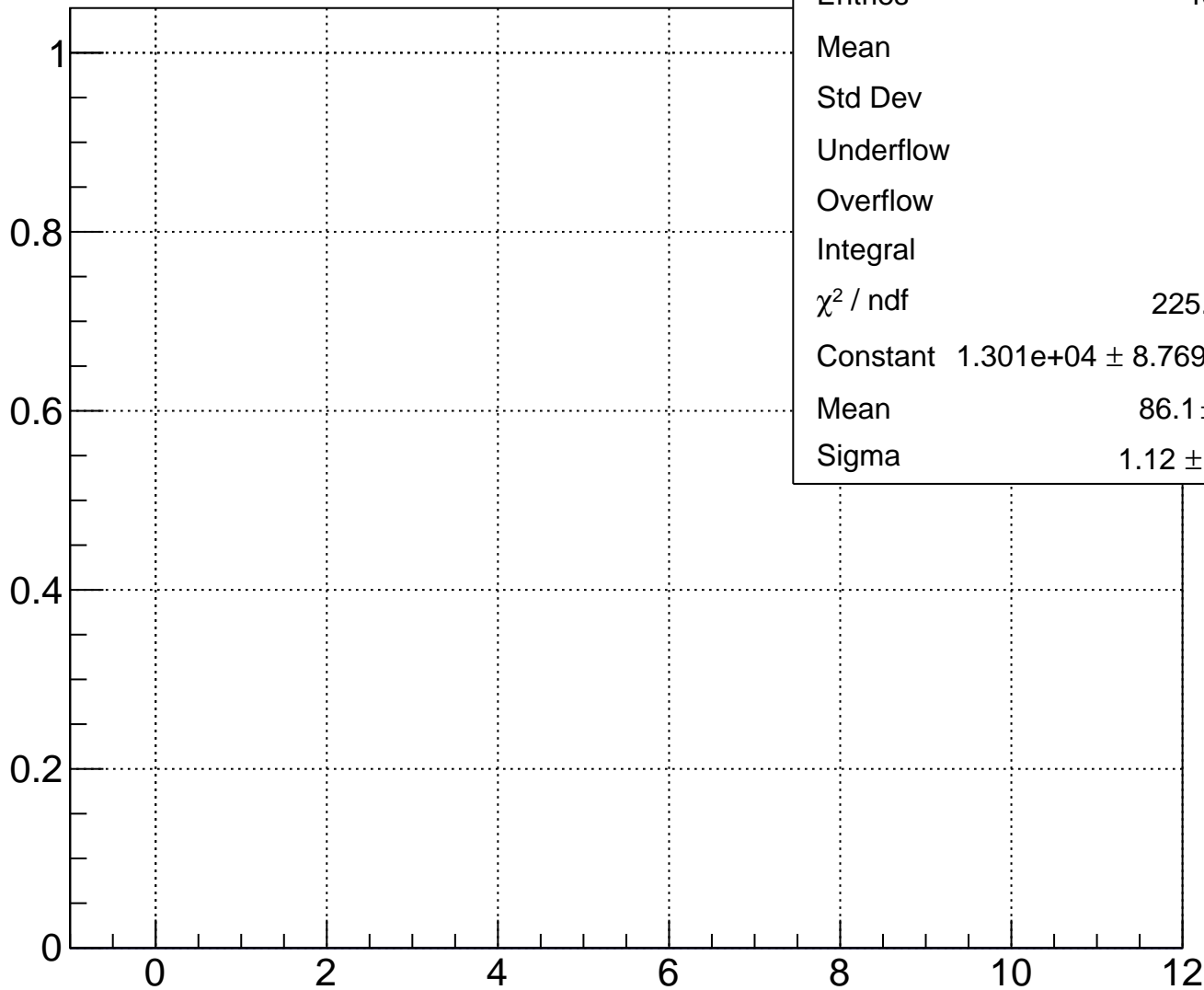
BH2UBG5



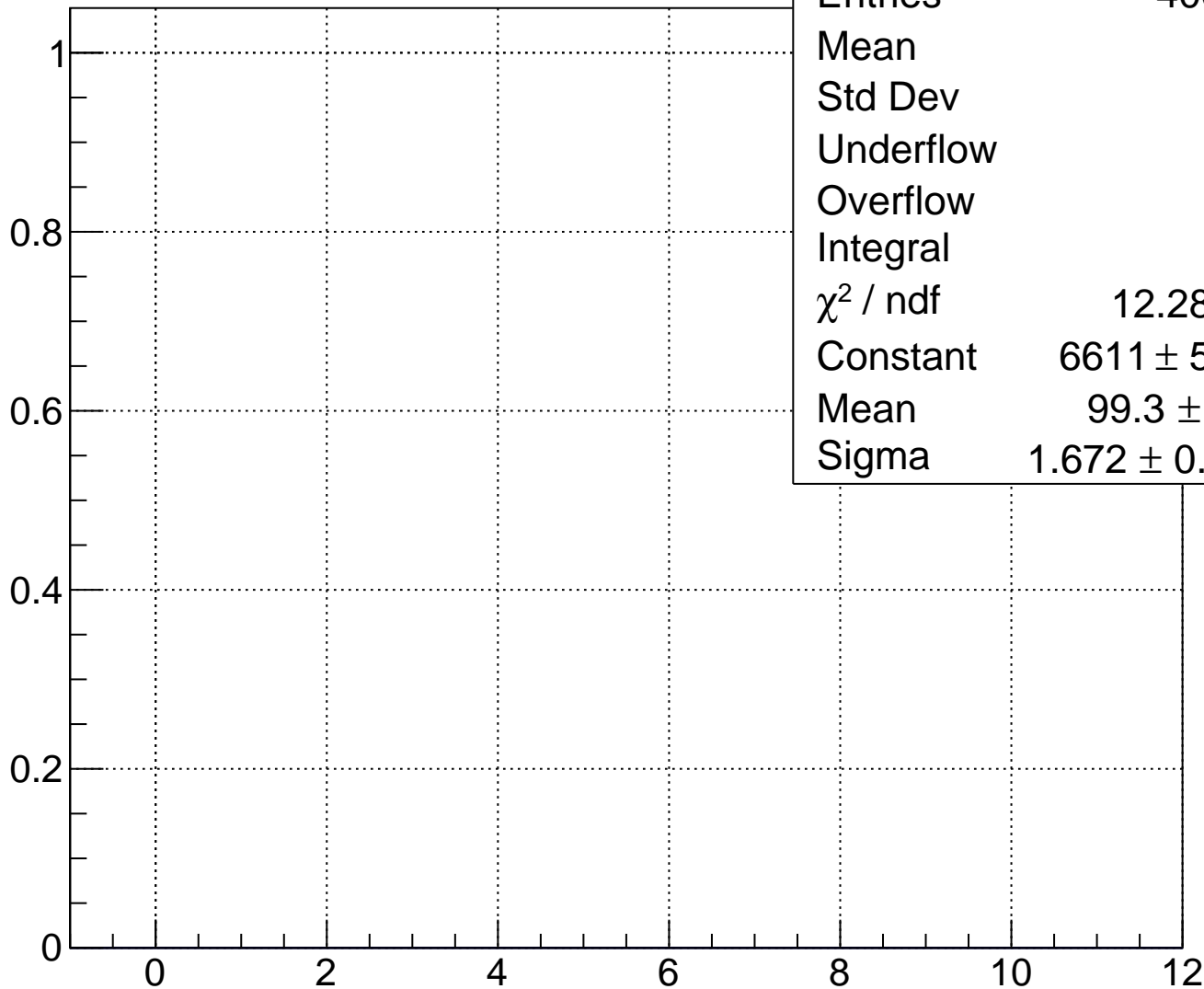
BH2UBG6



BH2UBG7

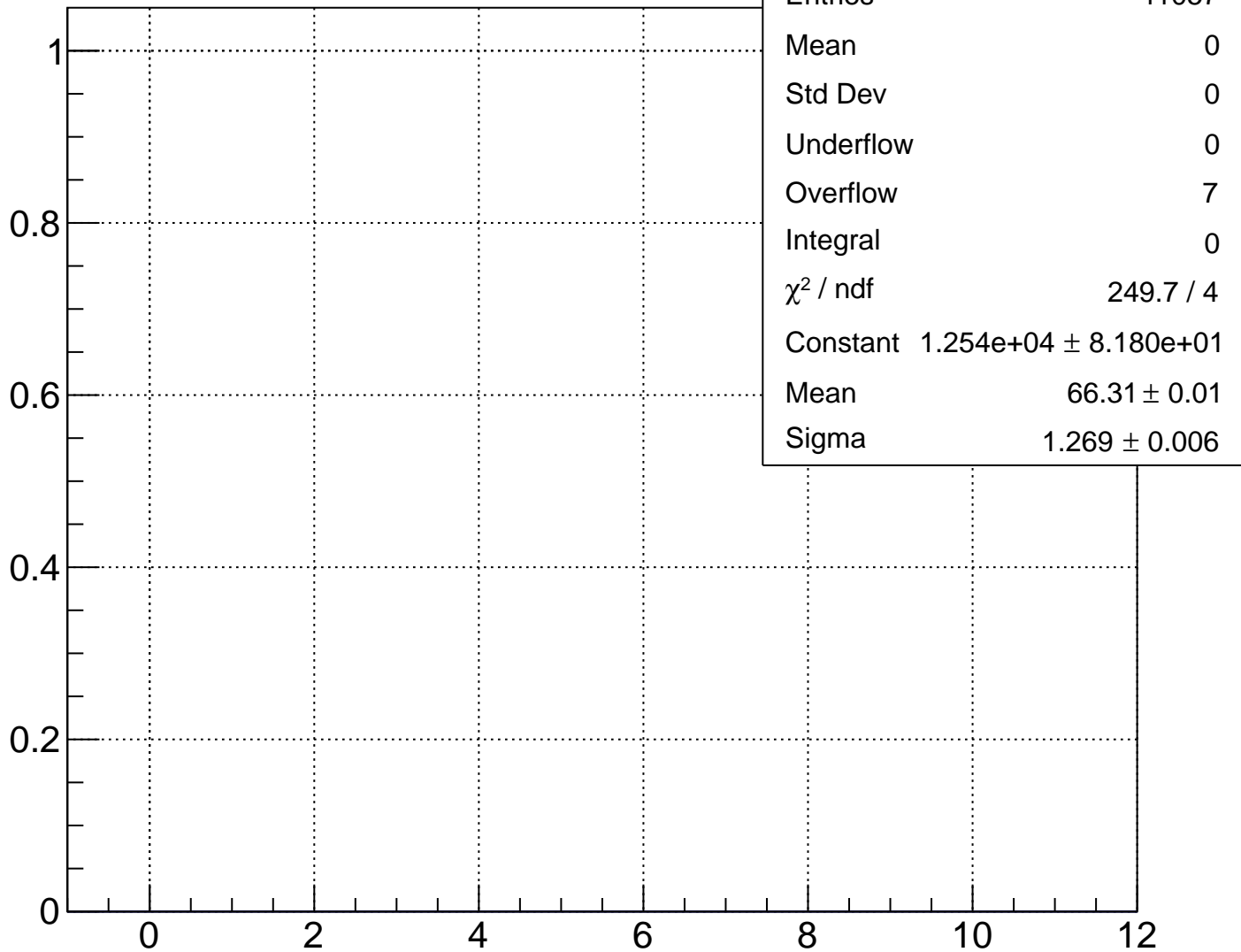


BH2UBG8

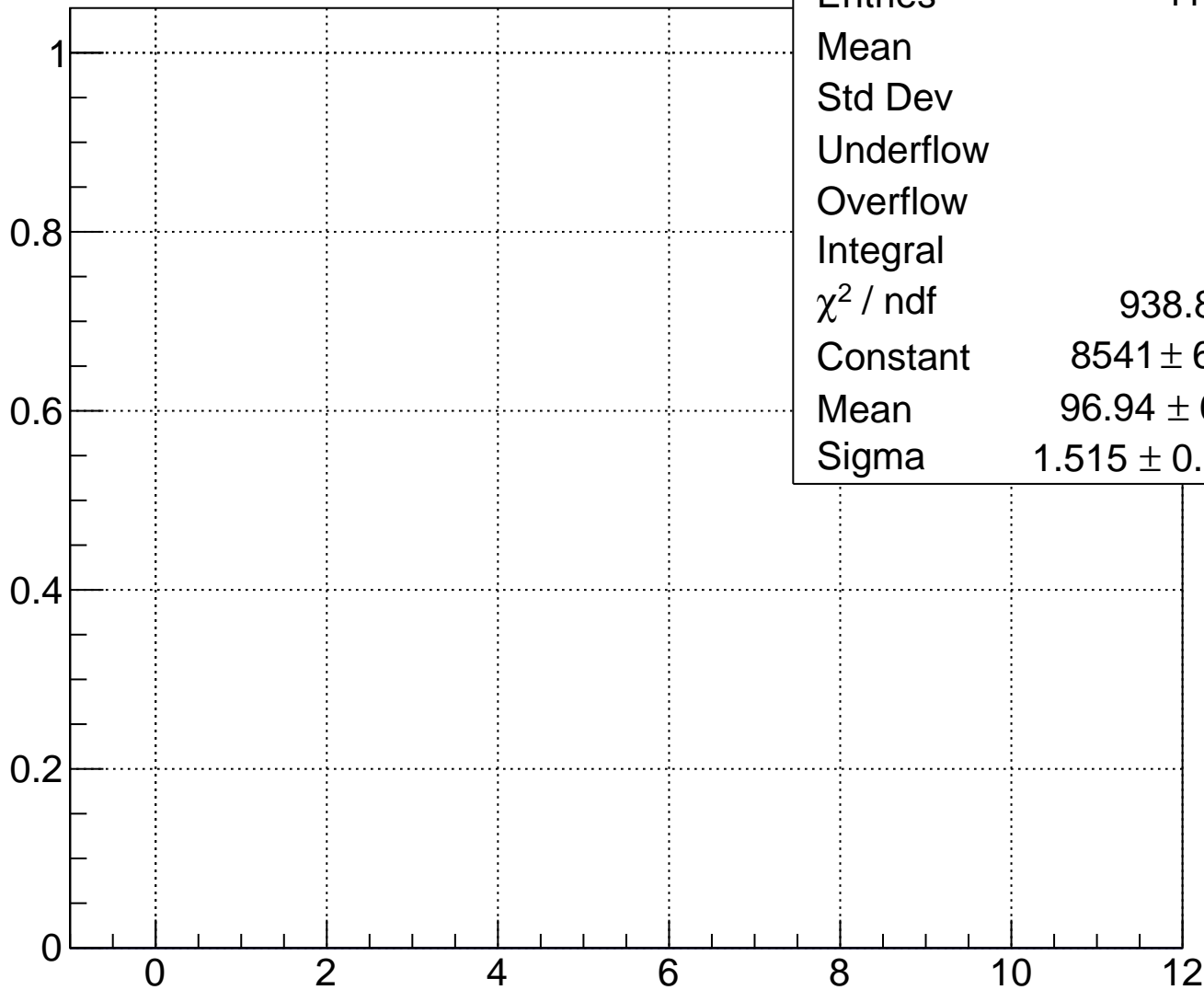


Entries	40695
Mean	0
Std Dev	0
Underflow	0
Overflow	76
Integral	0
χ^2 / ndf	12.28 / 4
Constant	6611 ± 53.3
Mean	99.3 ± 0.0
Sigma	1.672 ± 0.011

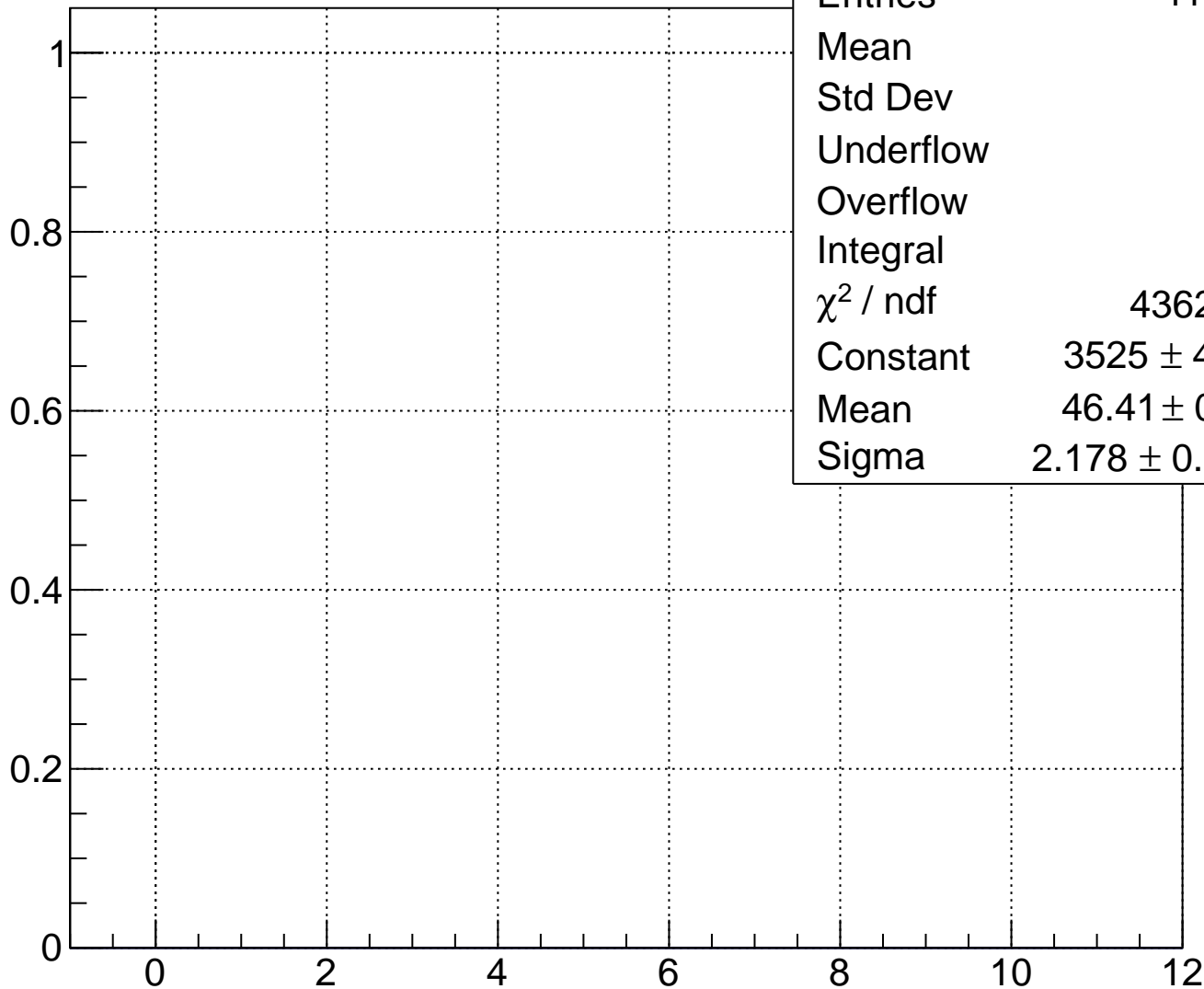
BH2DBG1



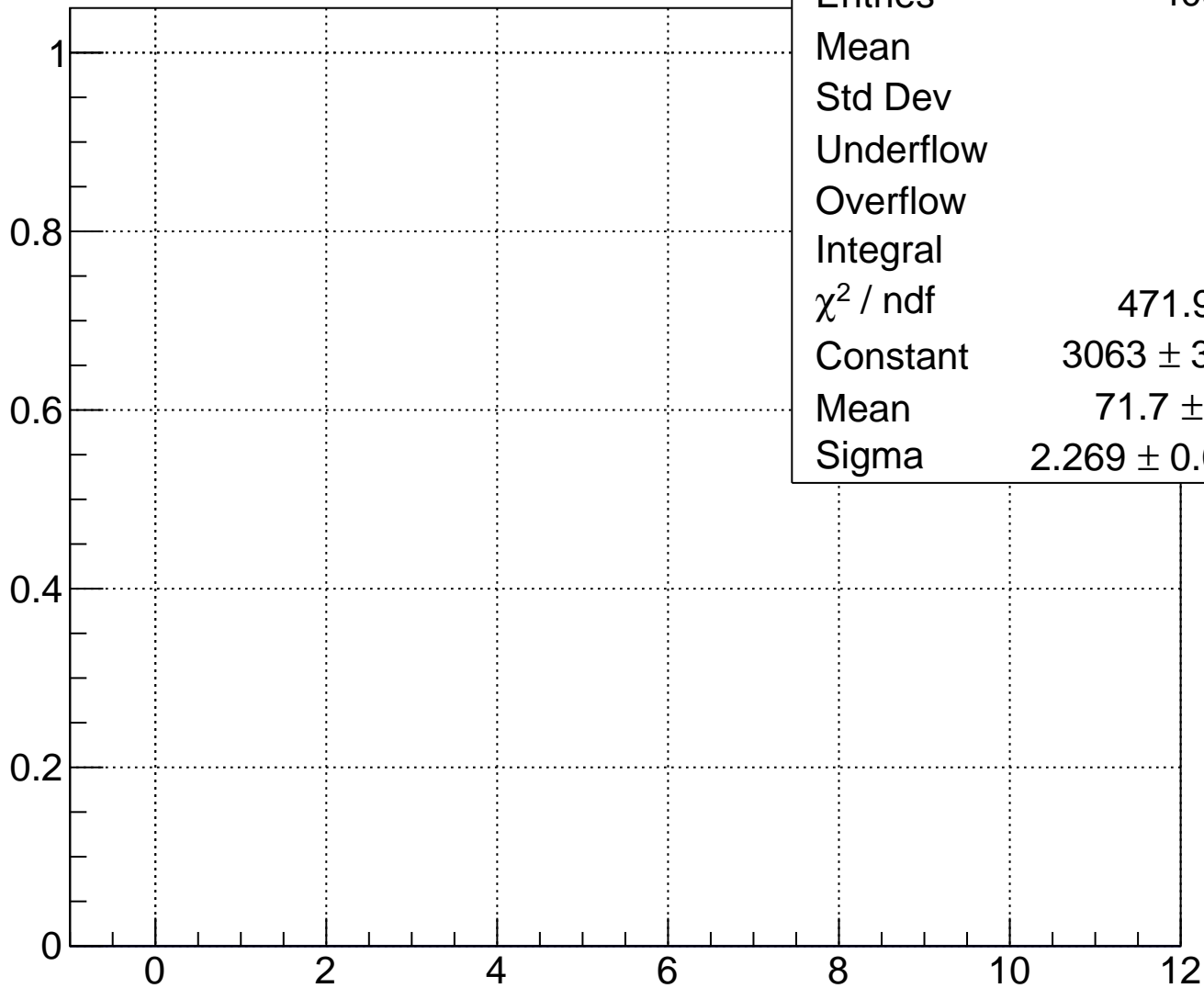
BH2DBG2



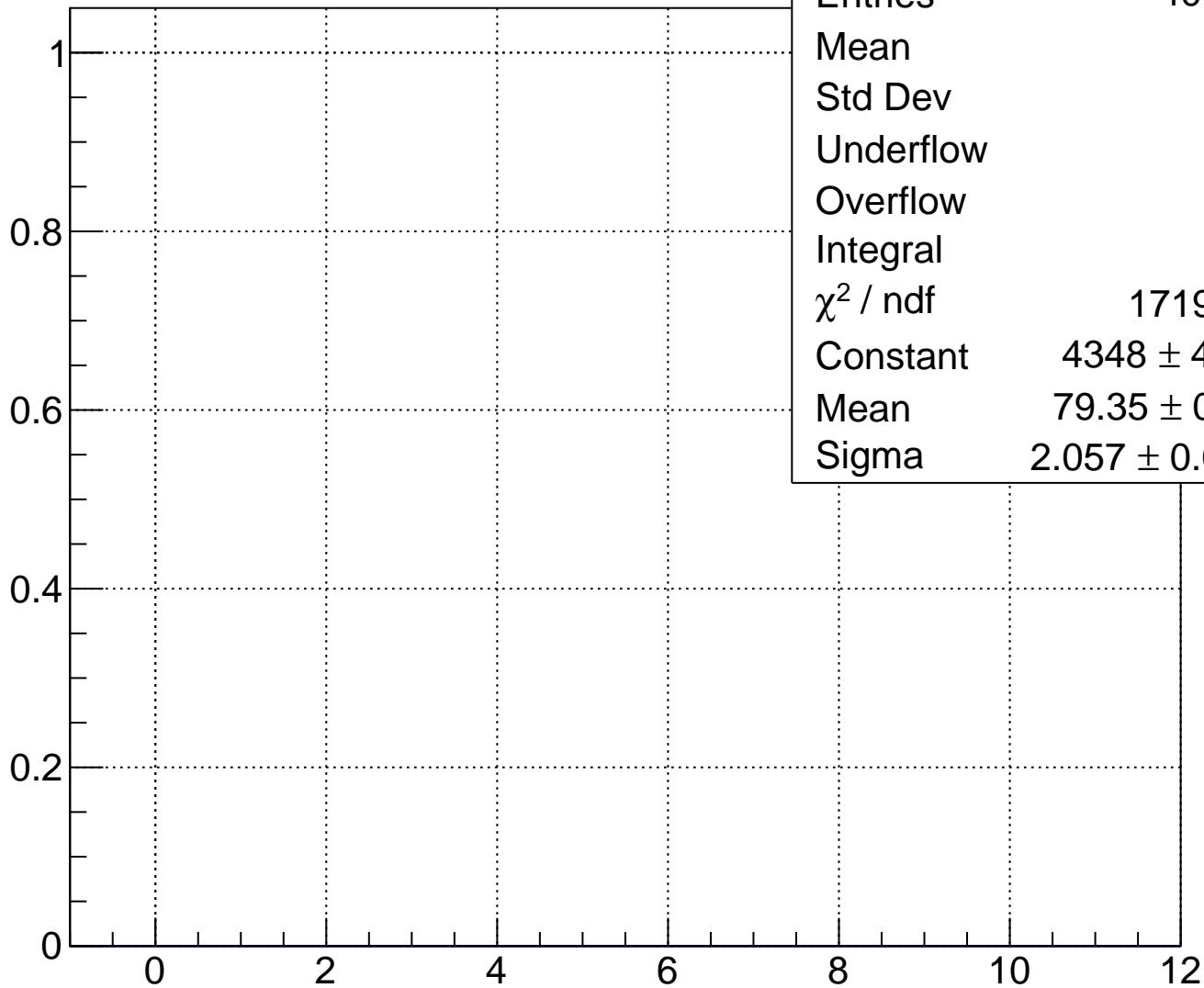
BH2DBG3



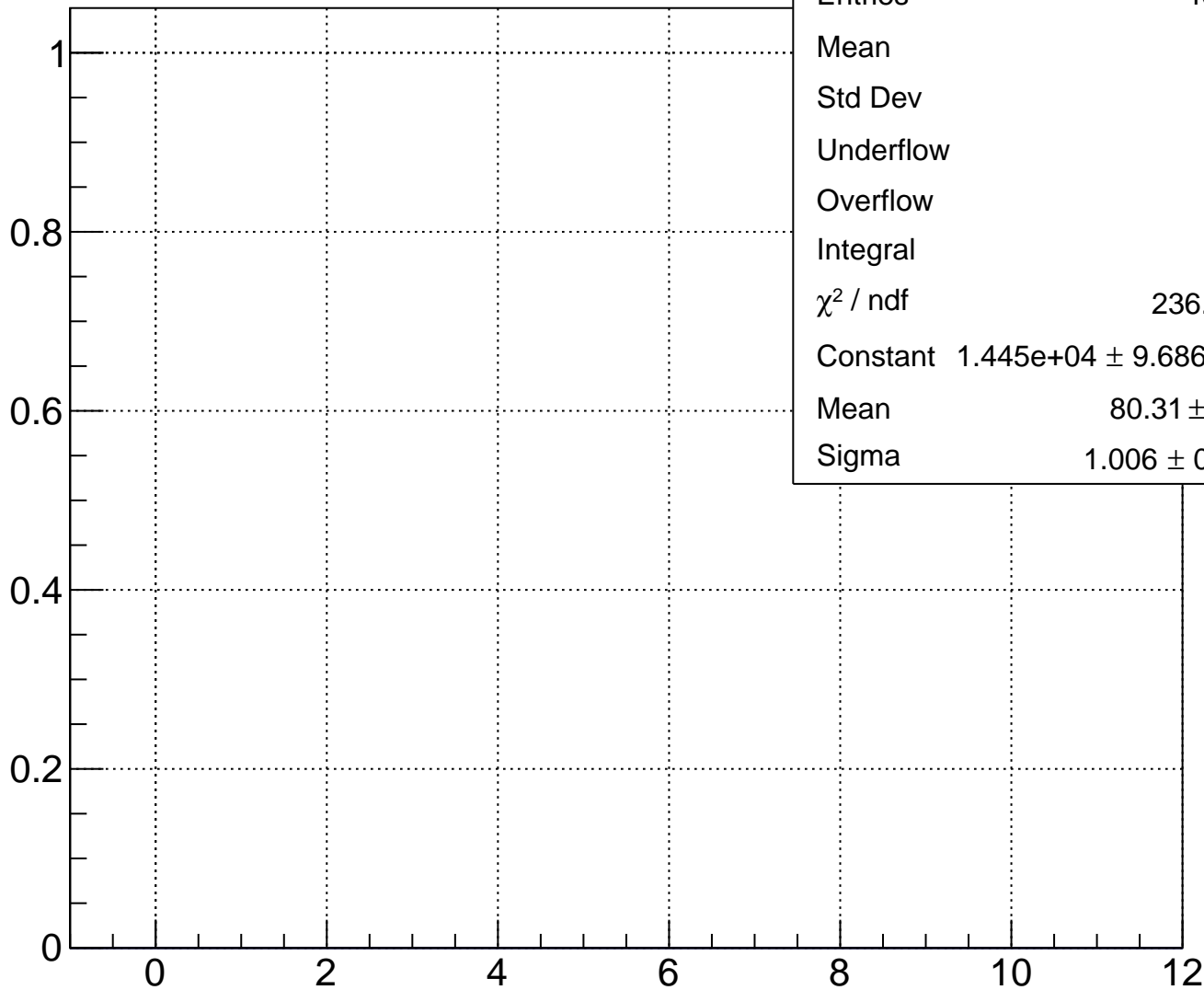
BH2DBG4



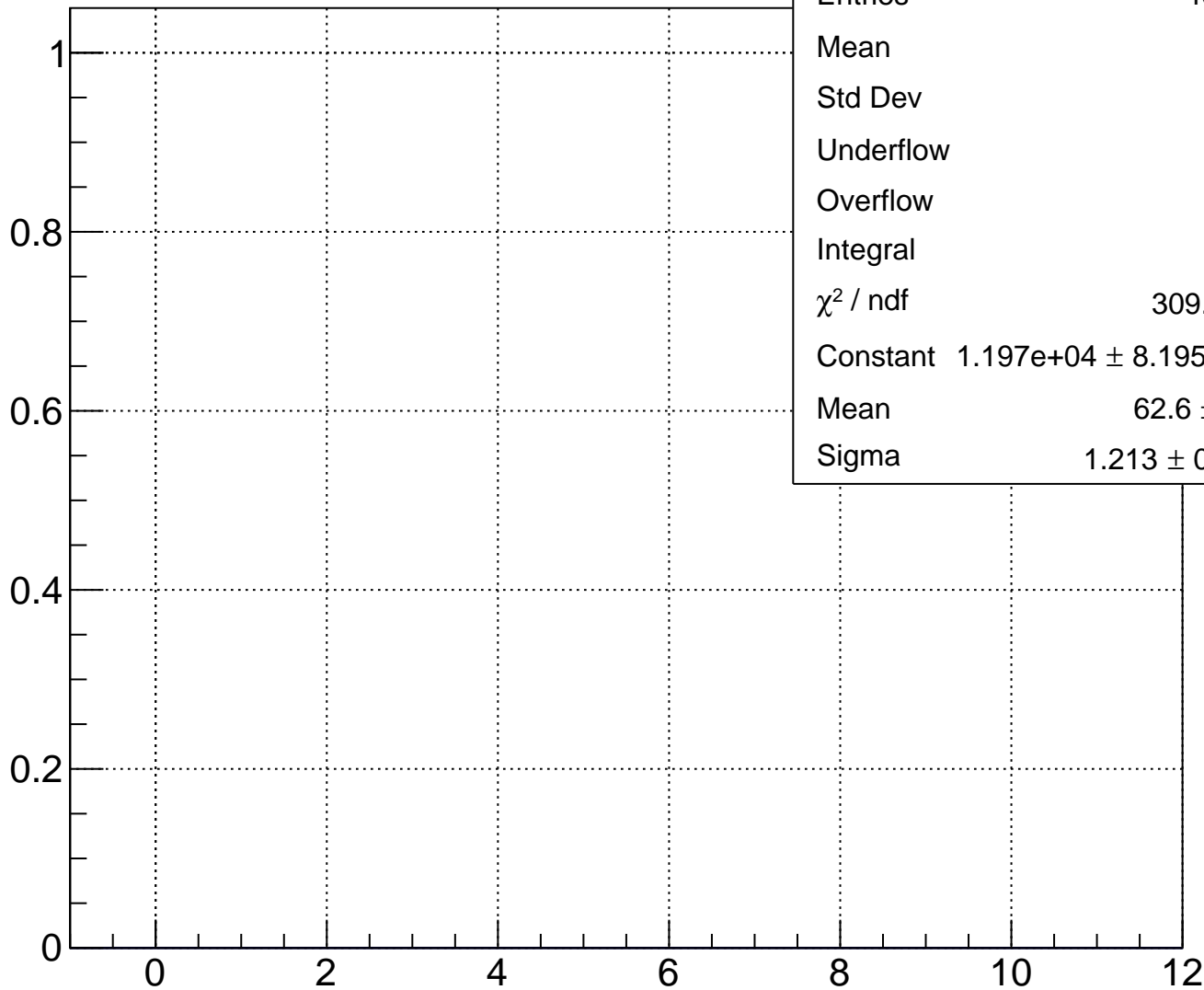
BH2DBG5



BH2DBG6

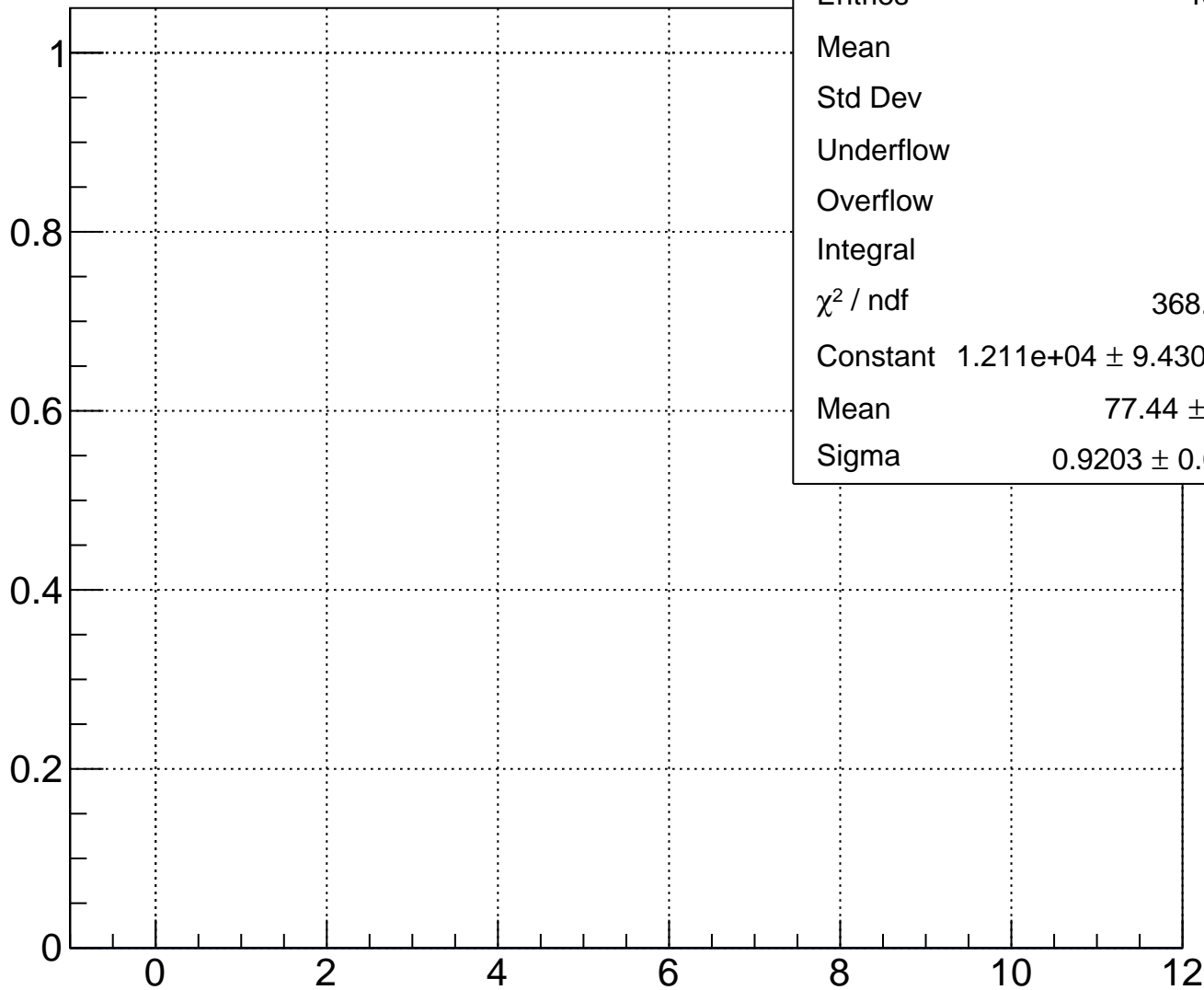


BH2DBG7

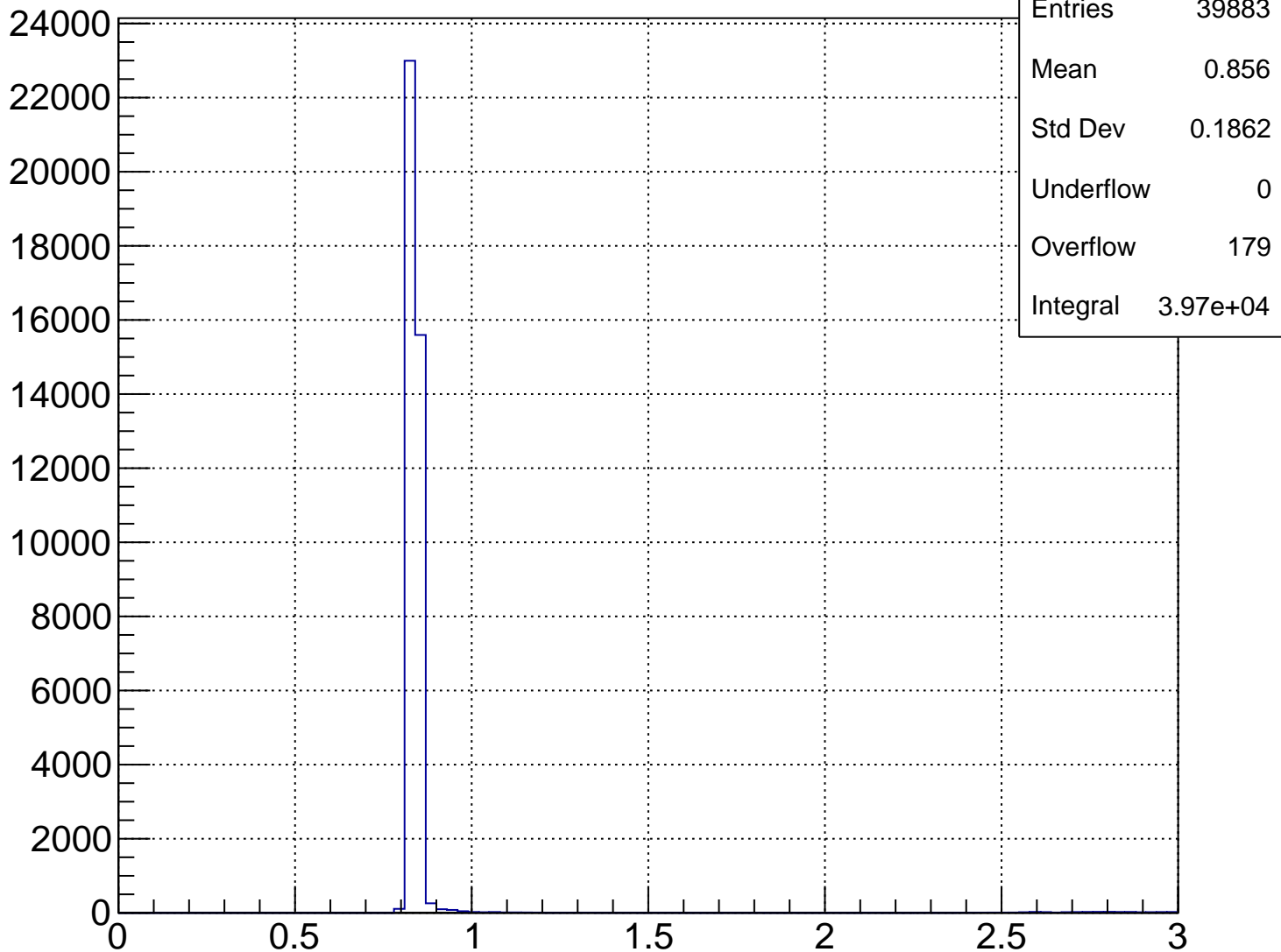


Entries	40708
Mean	0
Std Dev	0
Underflow	0
Overflow	12
Integral	0
χ^2 / ndf	309.5 / 4
Constant	$1.197\text{e}+04 \pm 8.195\text{e}+01$
Mean	62.6 ± 0.0
Sigma	1.213 ± 0.005

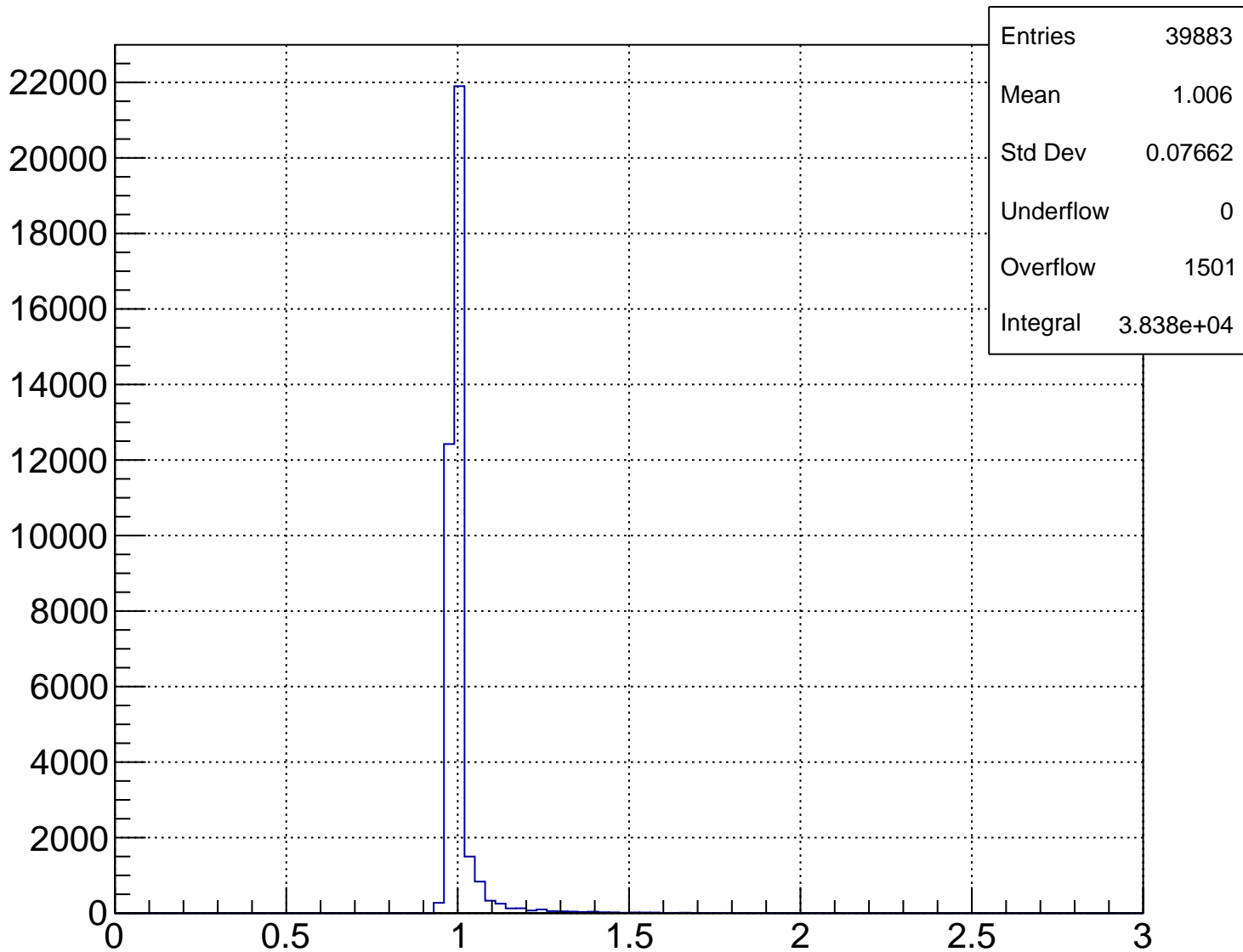
BH2DBG8



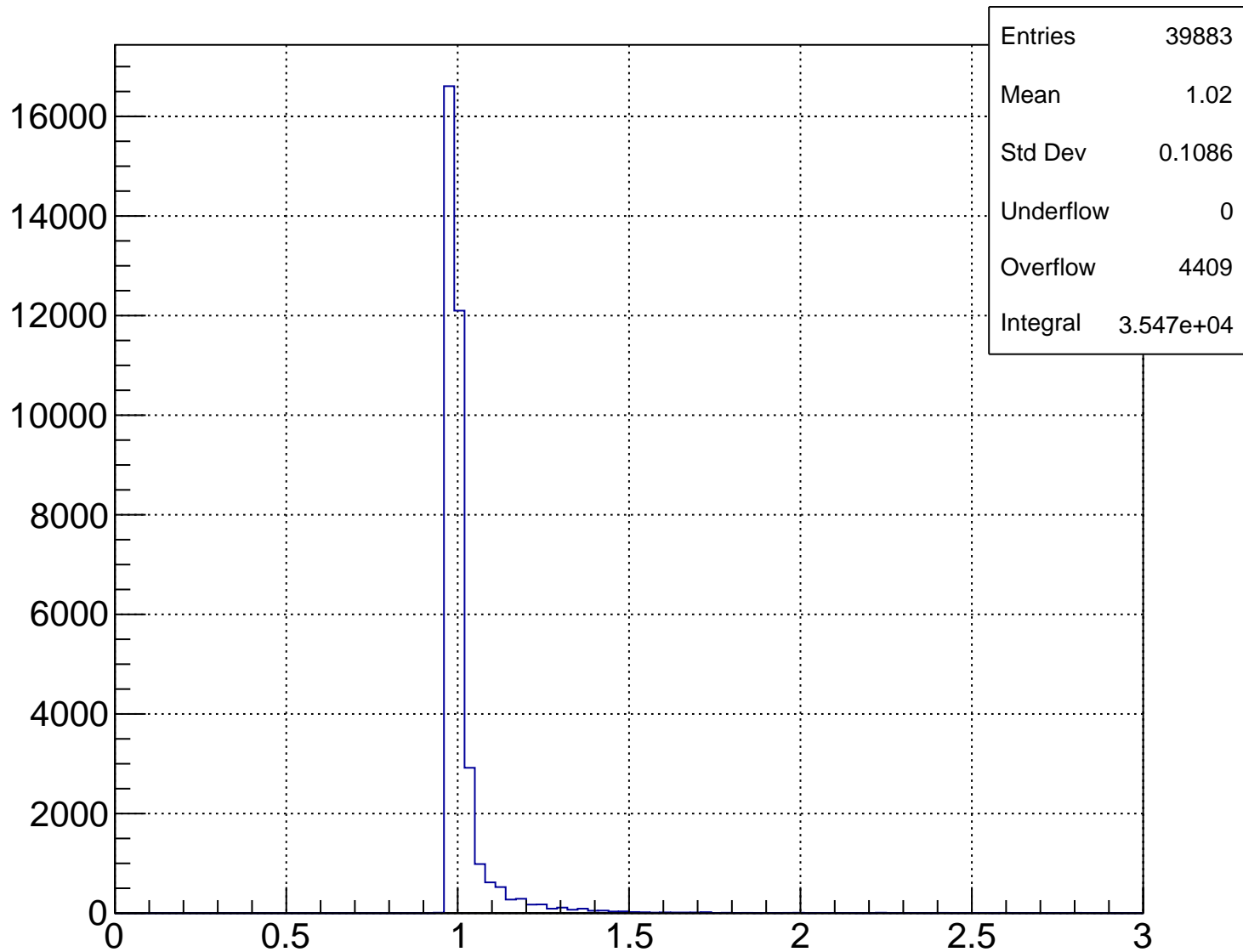
BH1UdE1



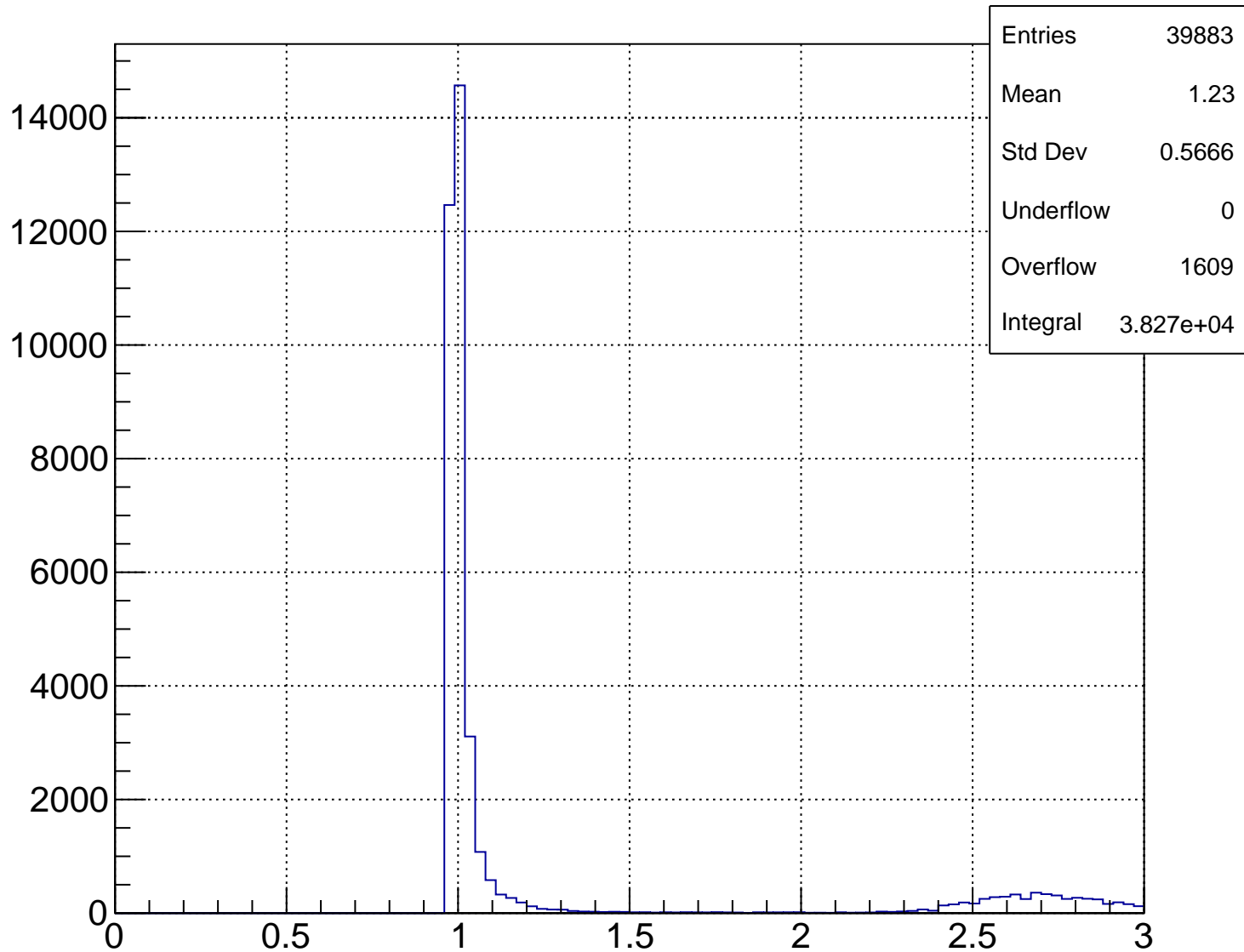
BH1UdE2



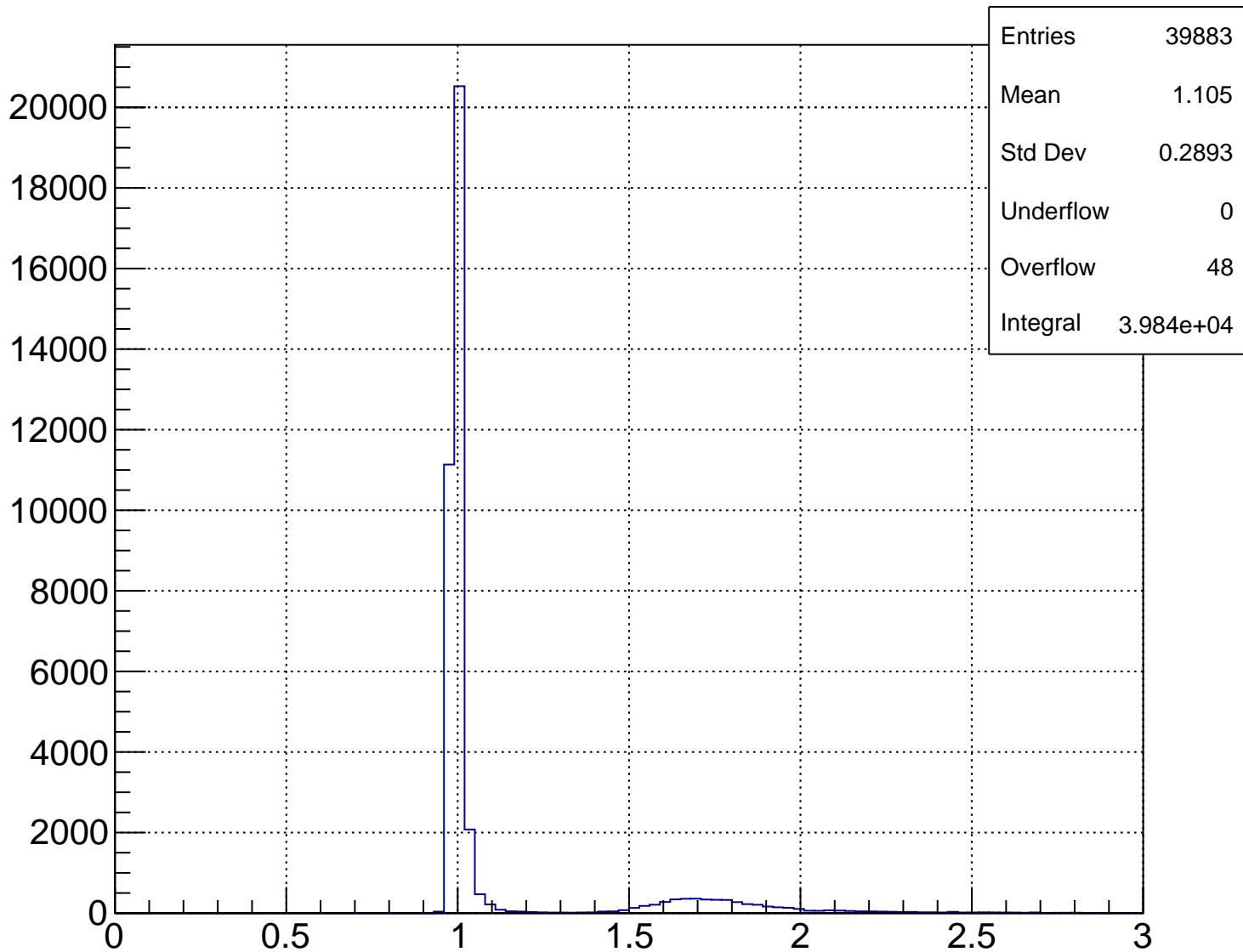
BH1UdE3



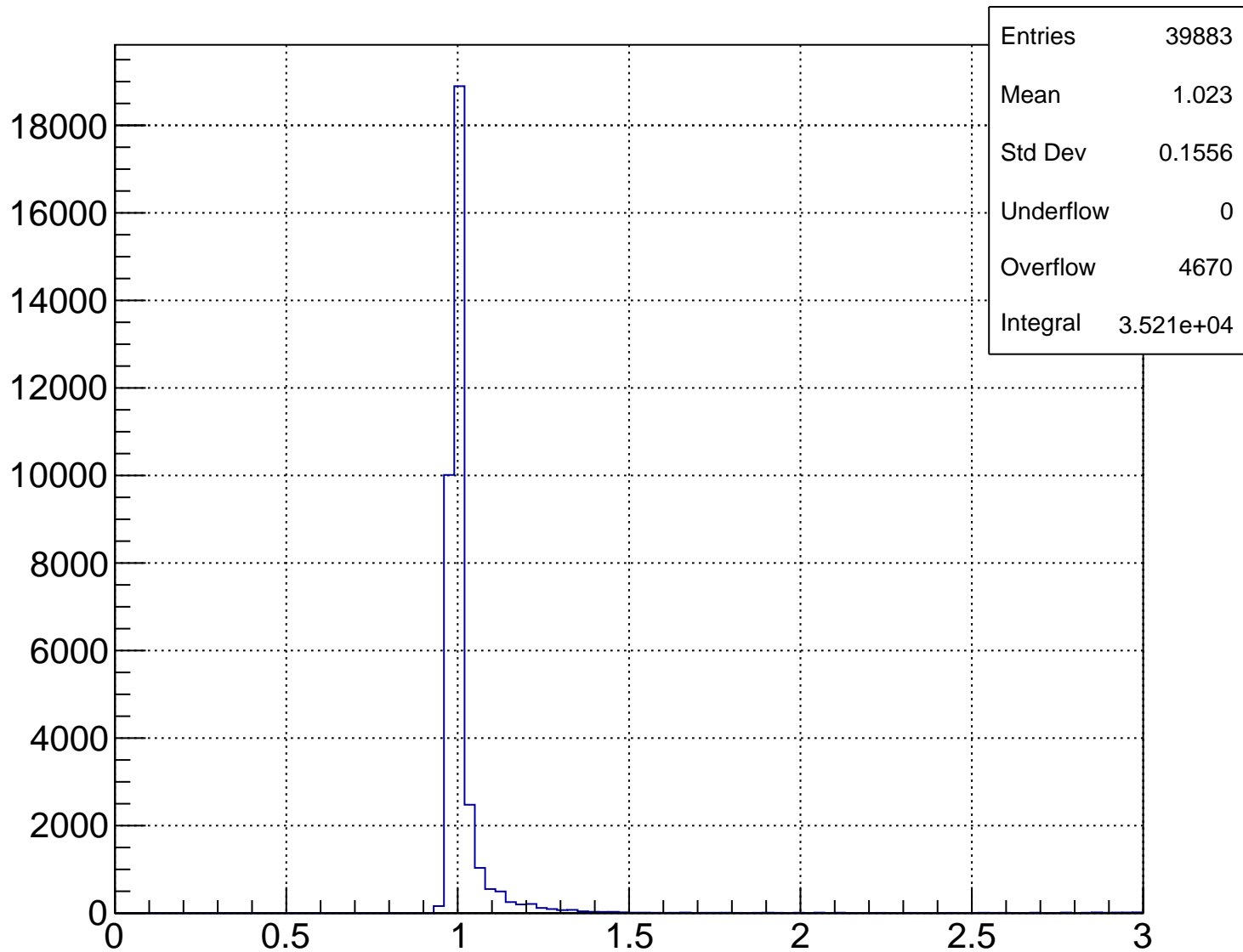
BH1UdE4



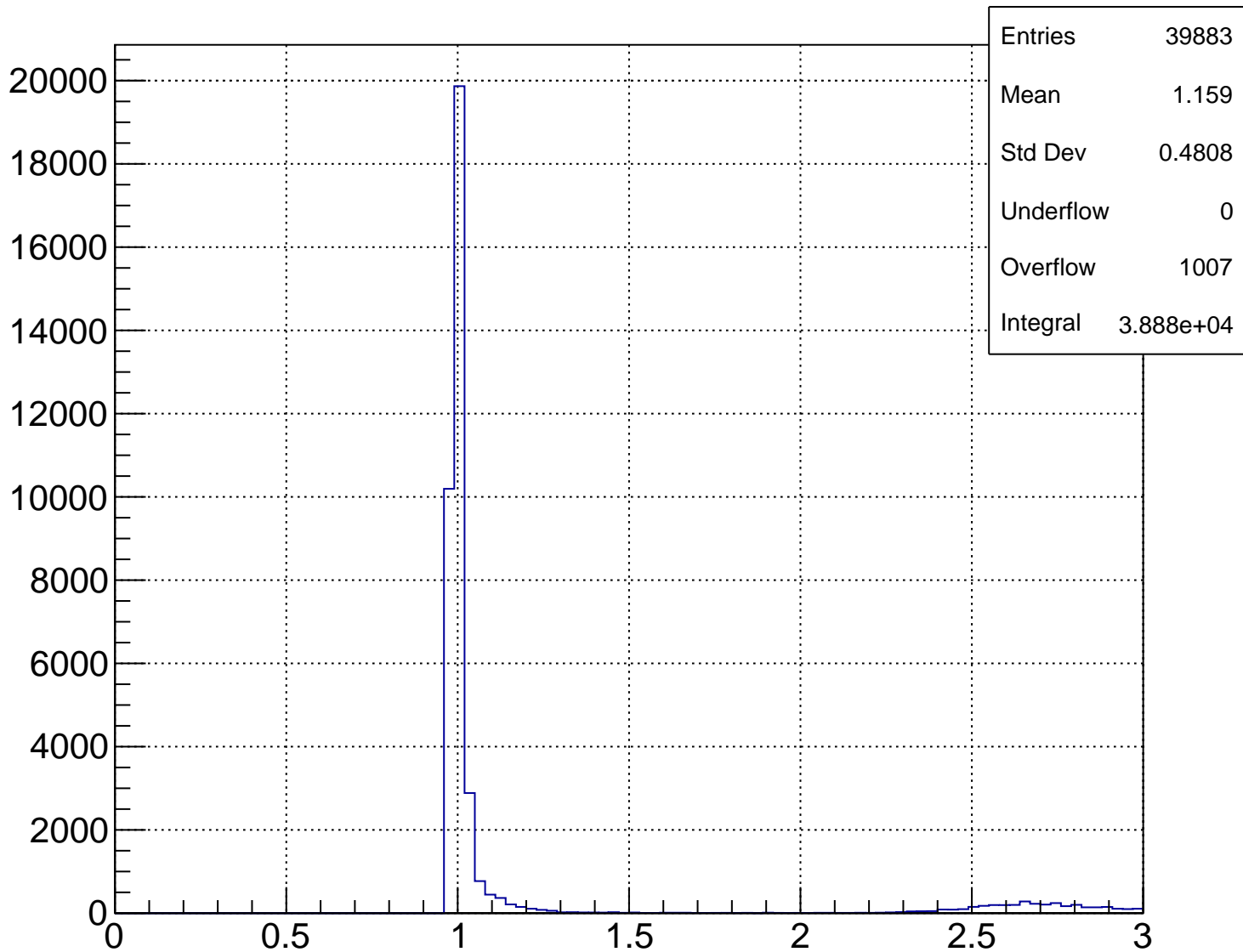
BH1UdE5



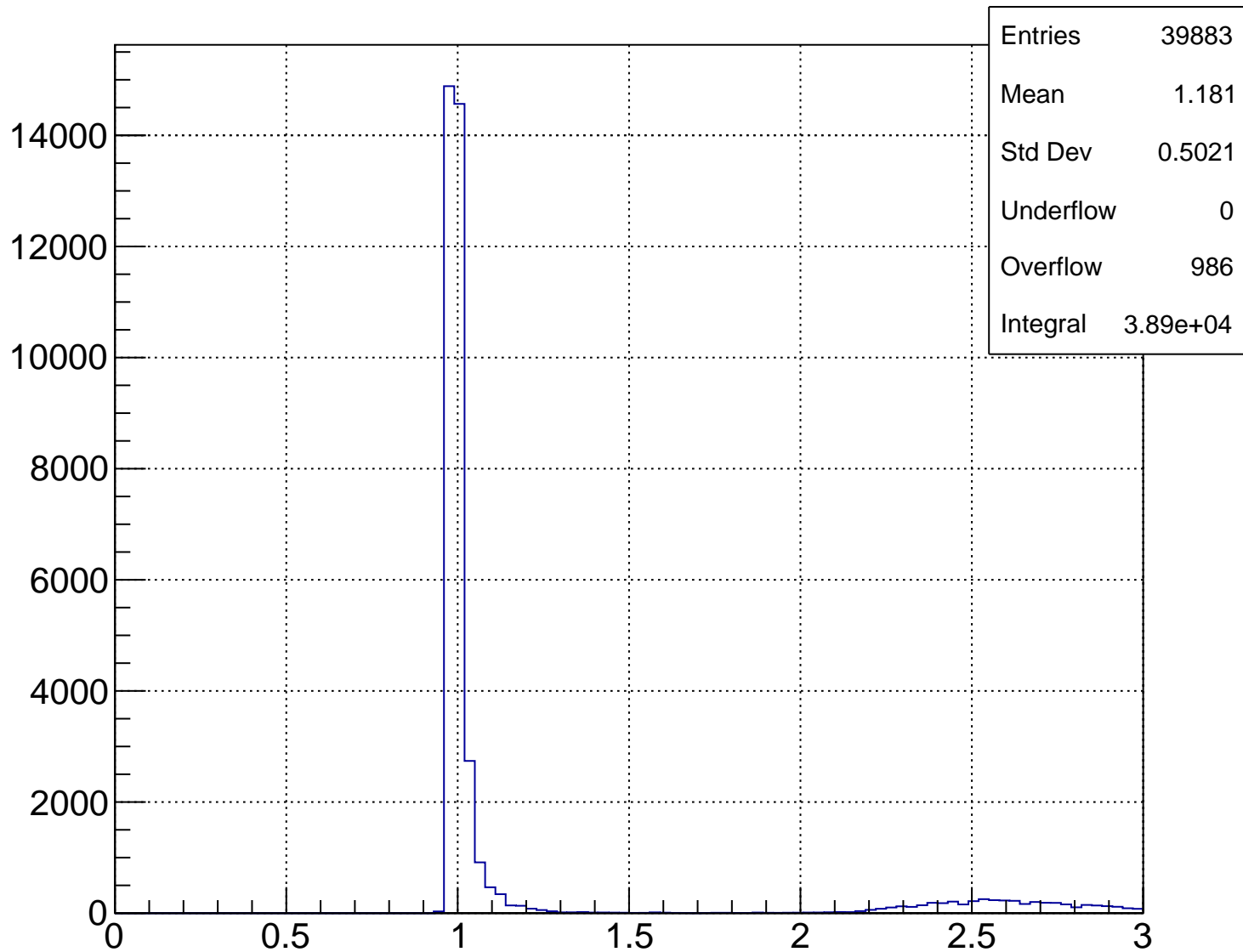
BH1UdE6



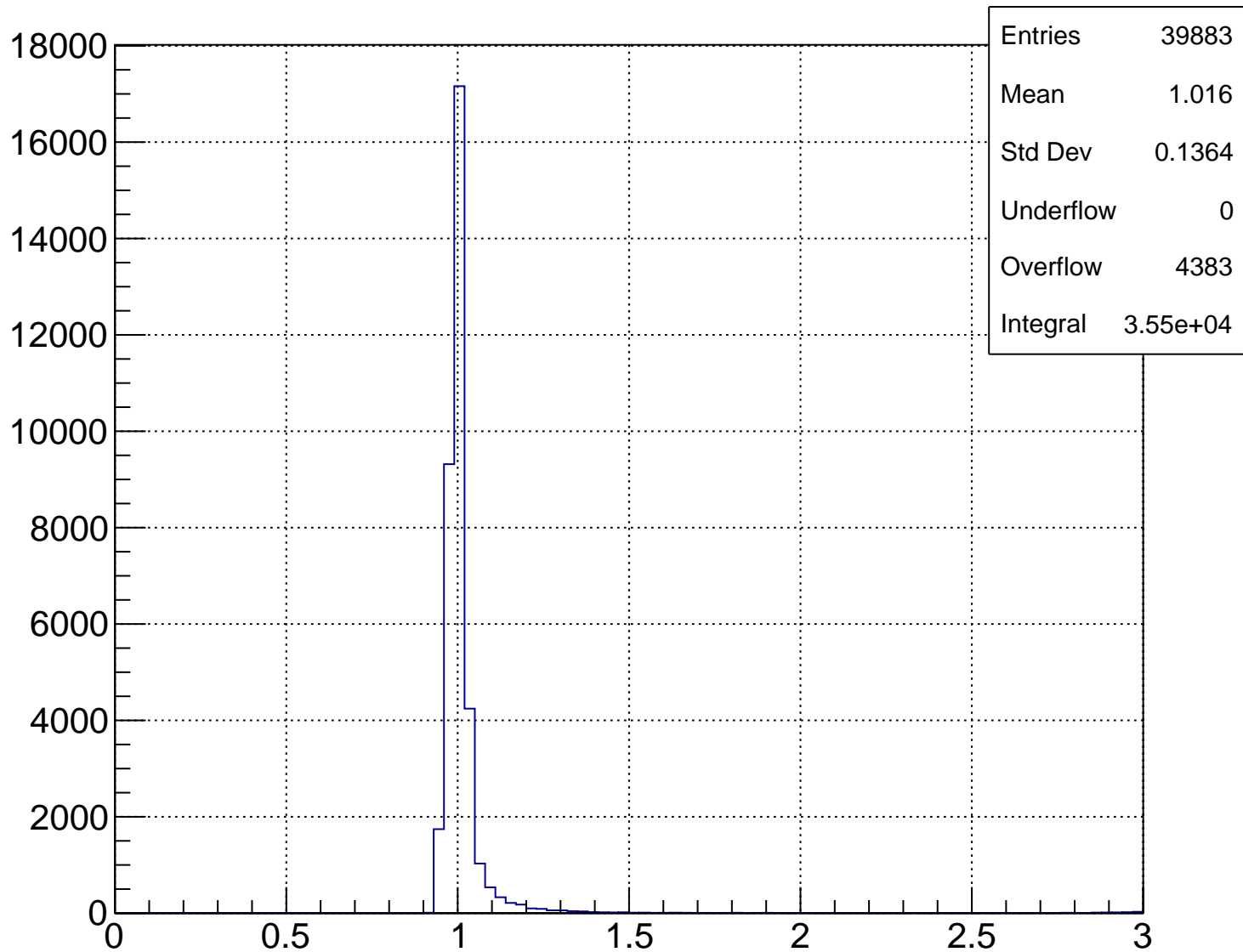
BH1UdE7



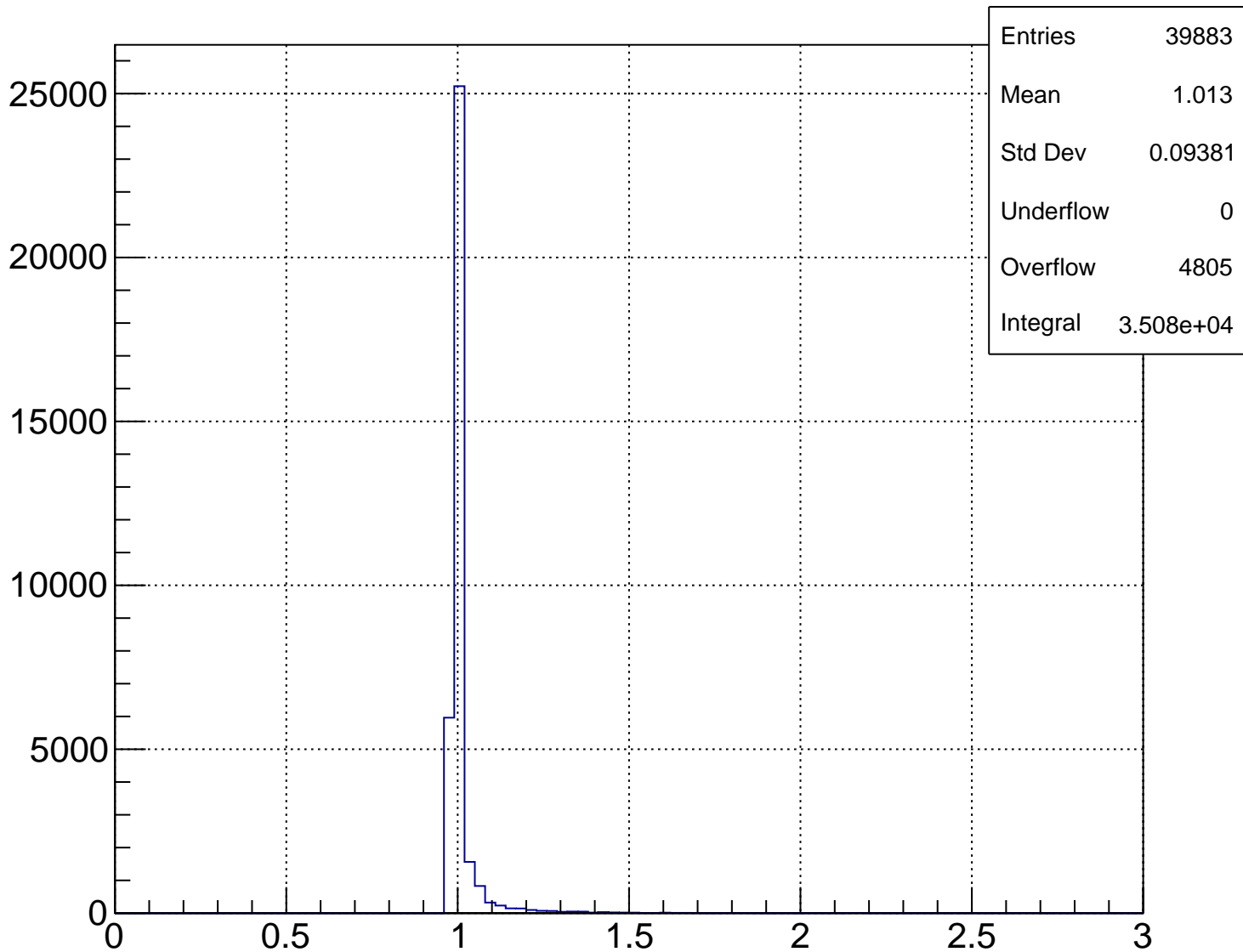
BH1UdE8



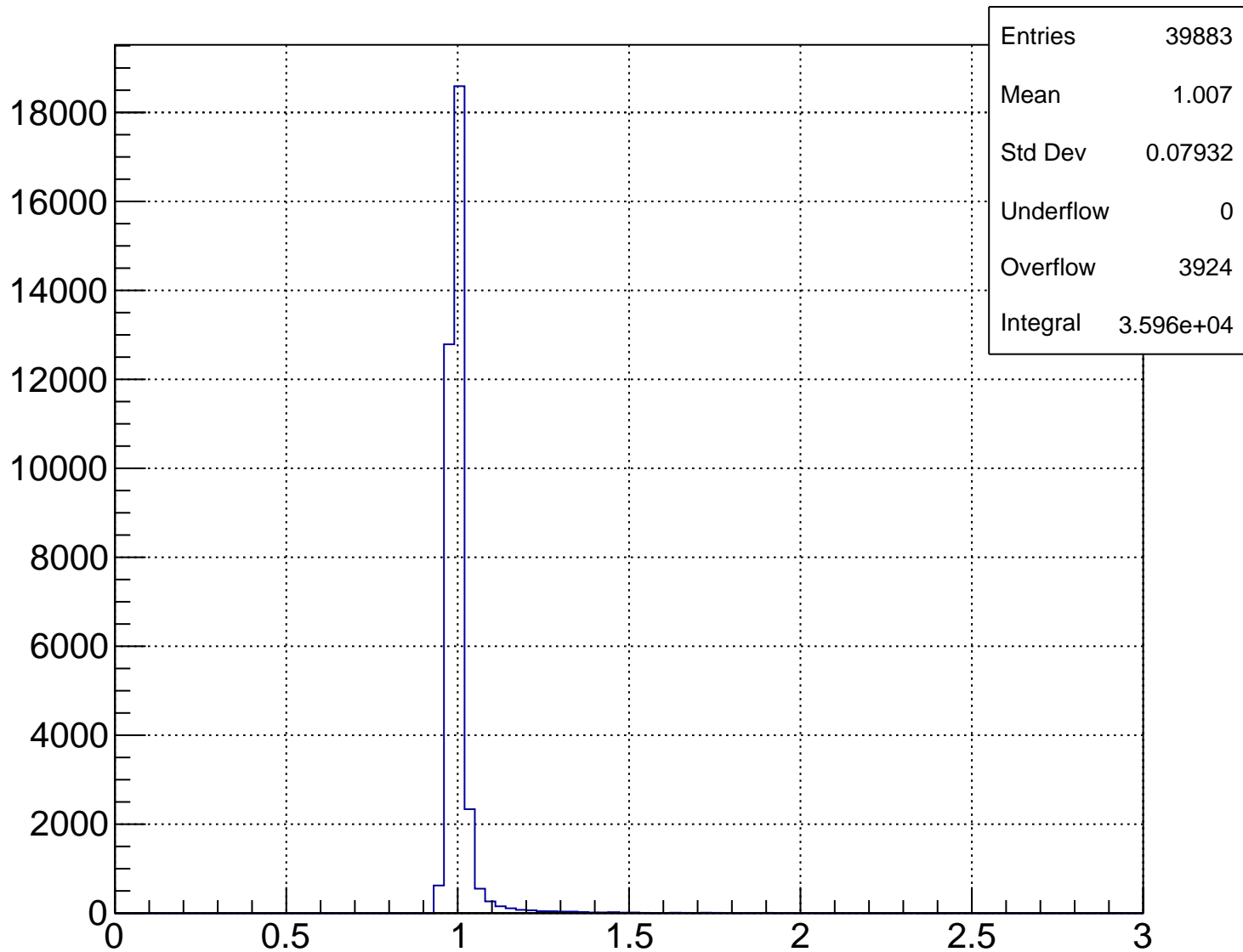
BH1UdE9



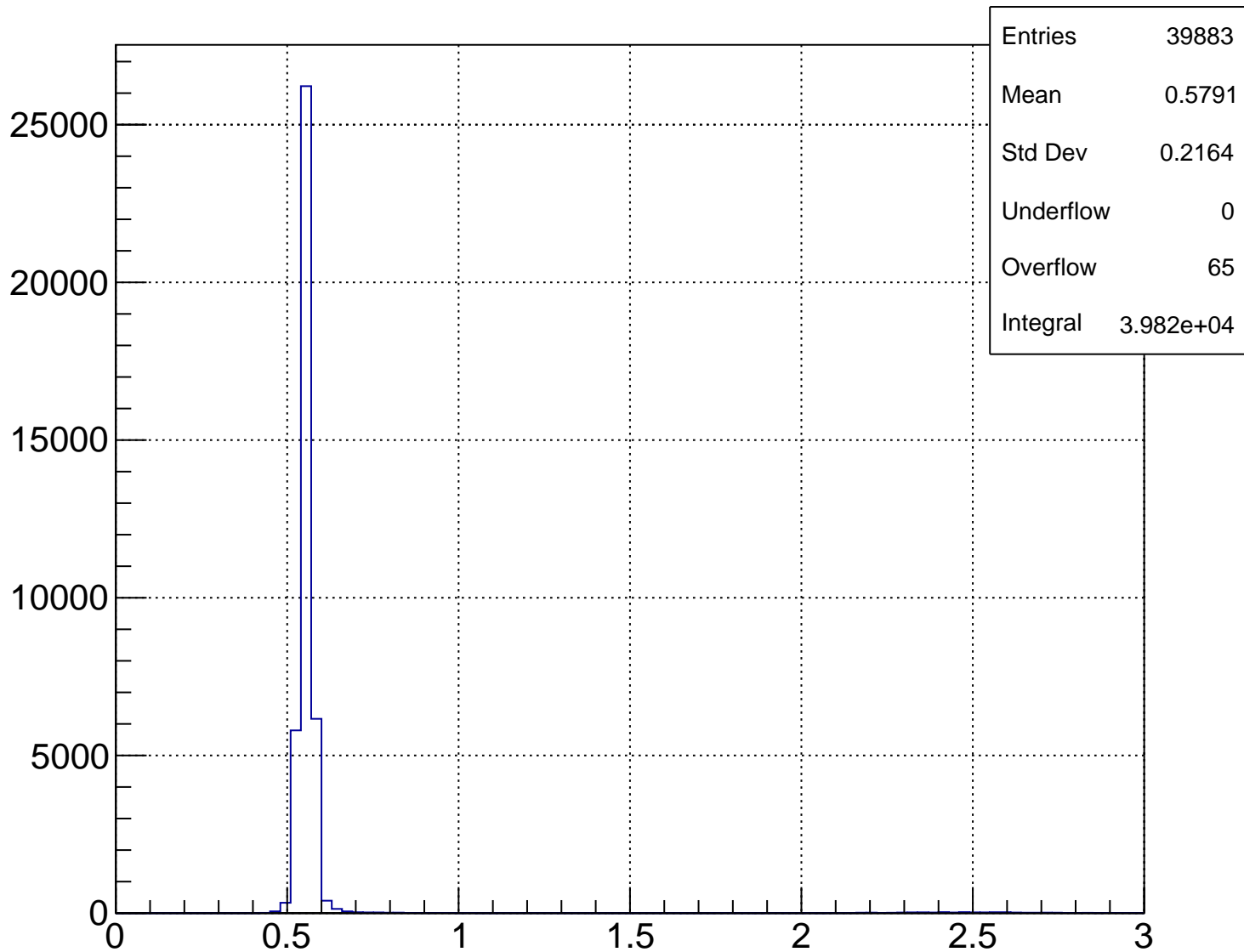
BH1UdE10



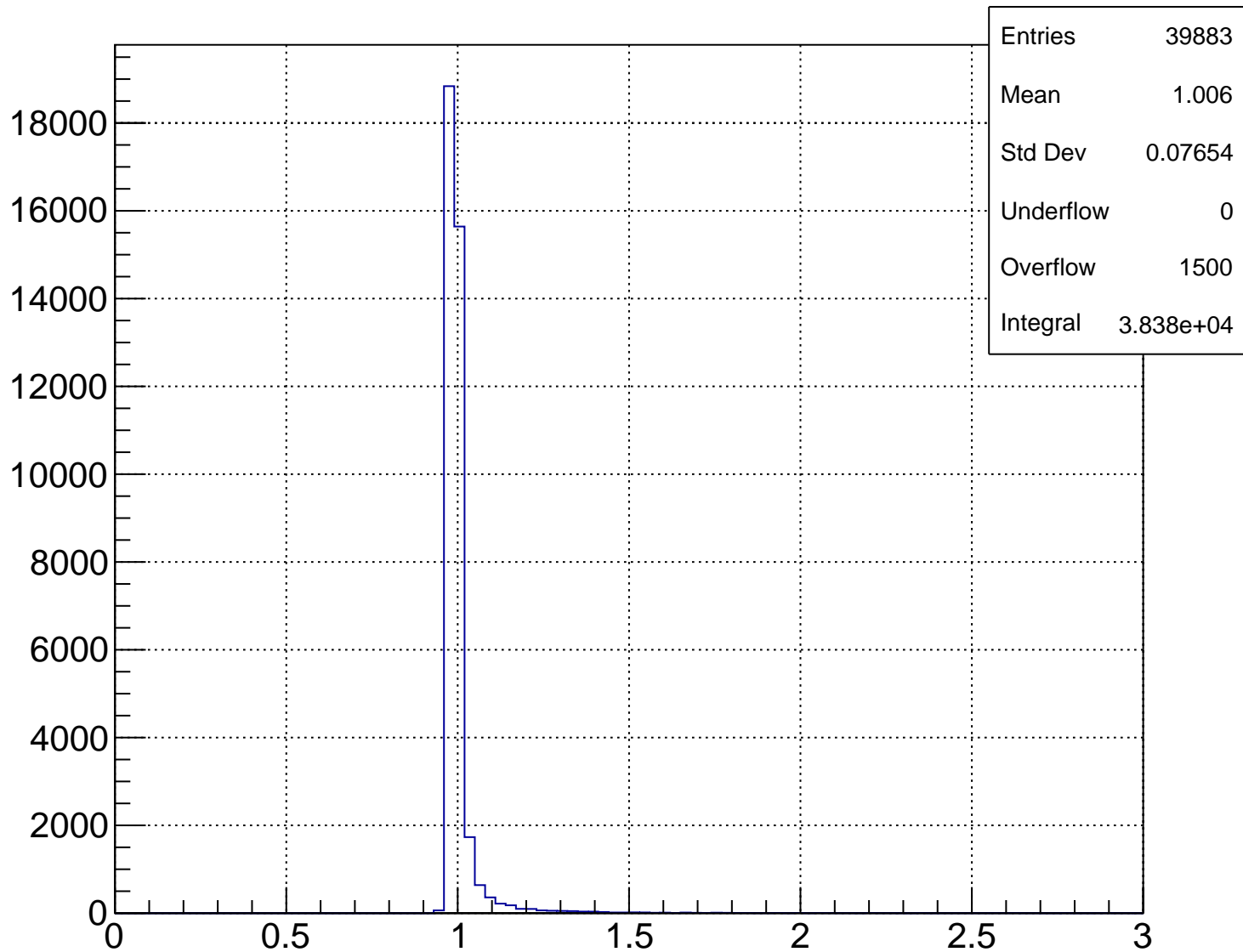
BH1UdE11



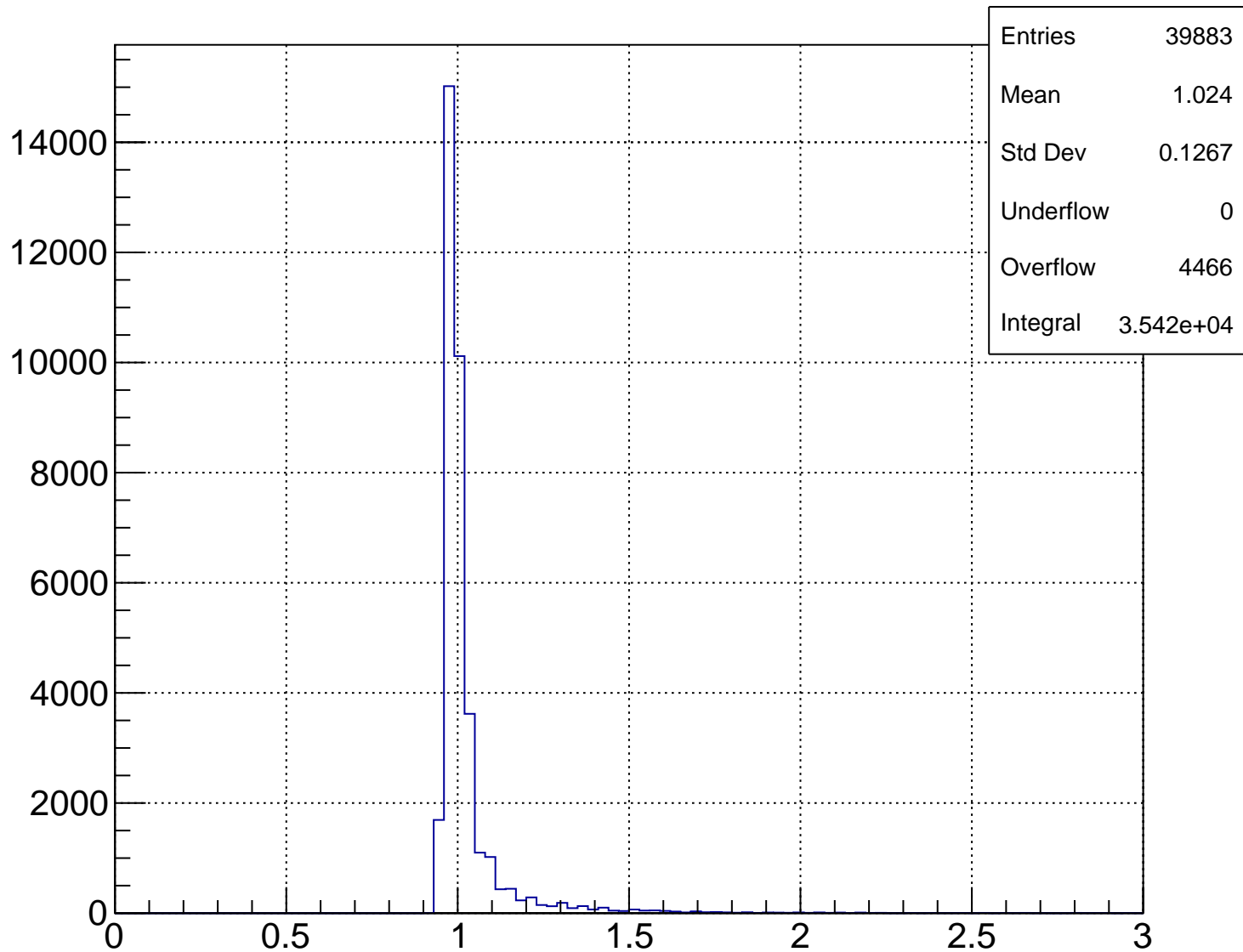
BH1DdE1



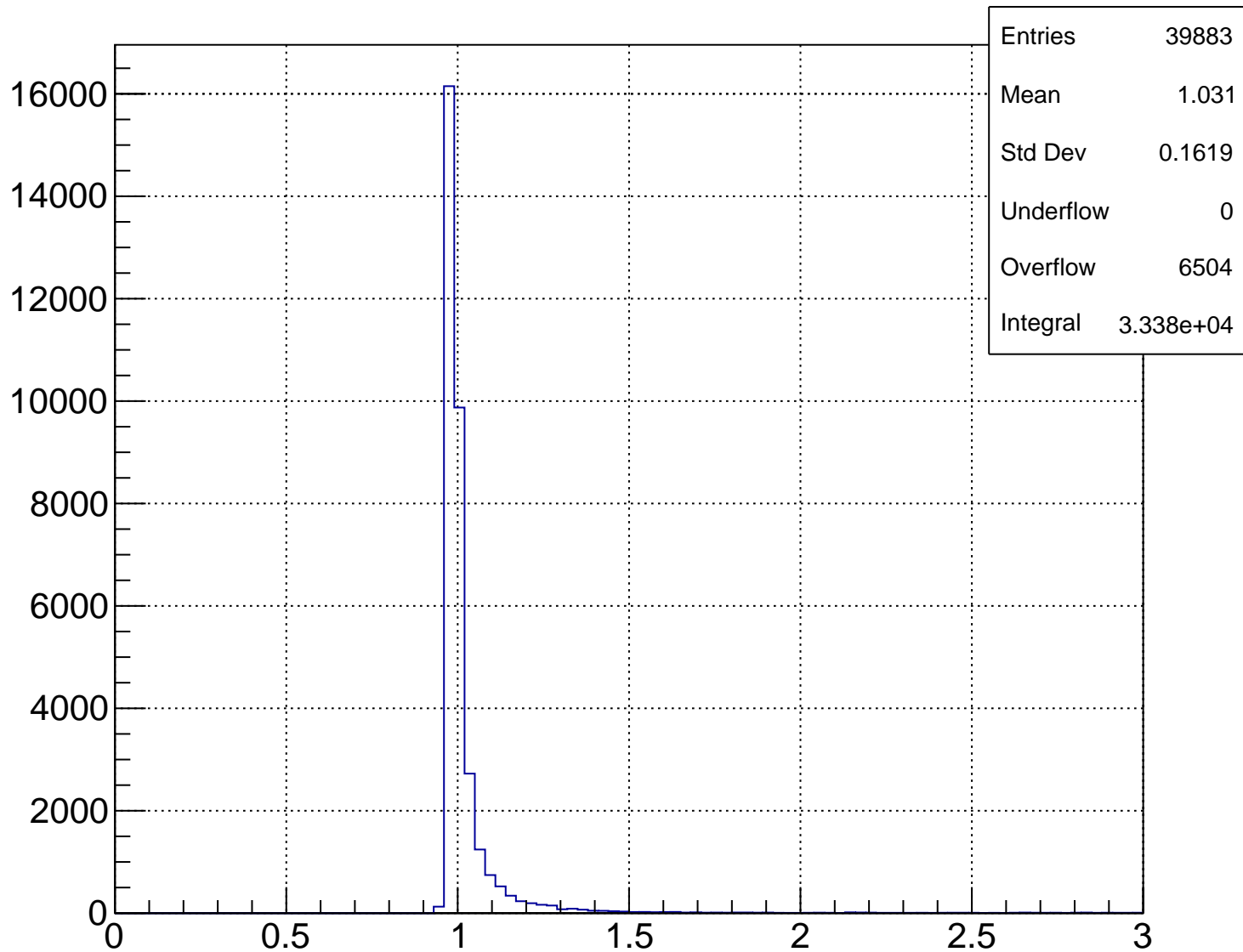
BH1DdE2



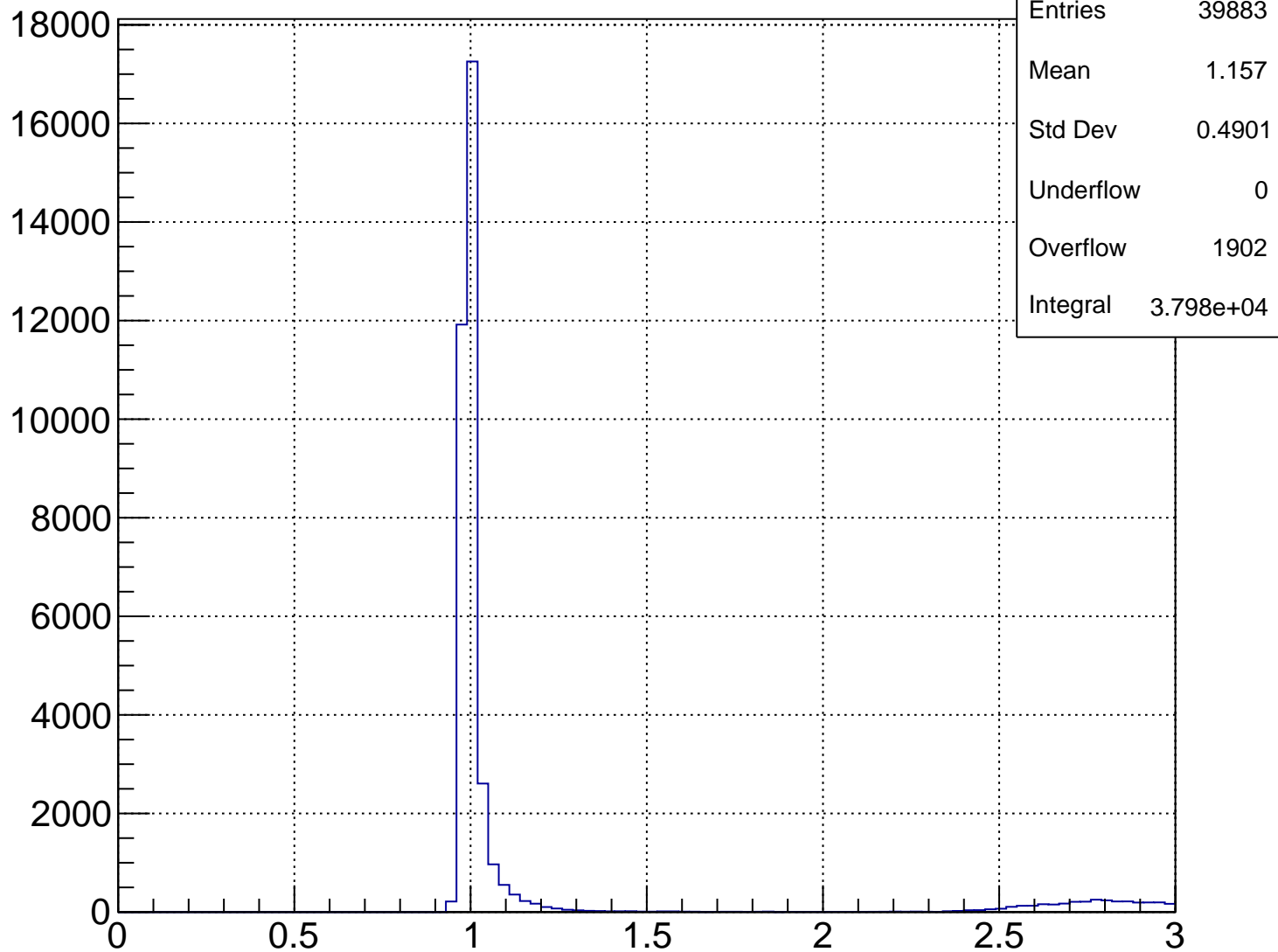
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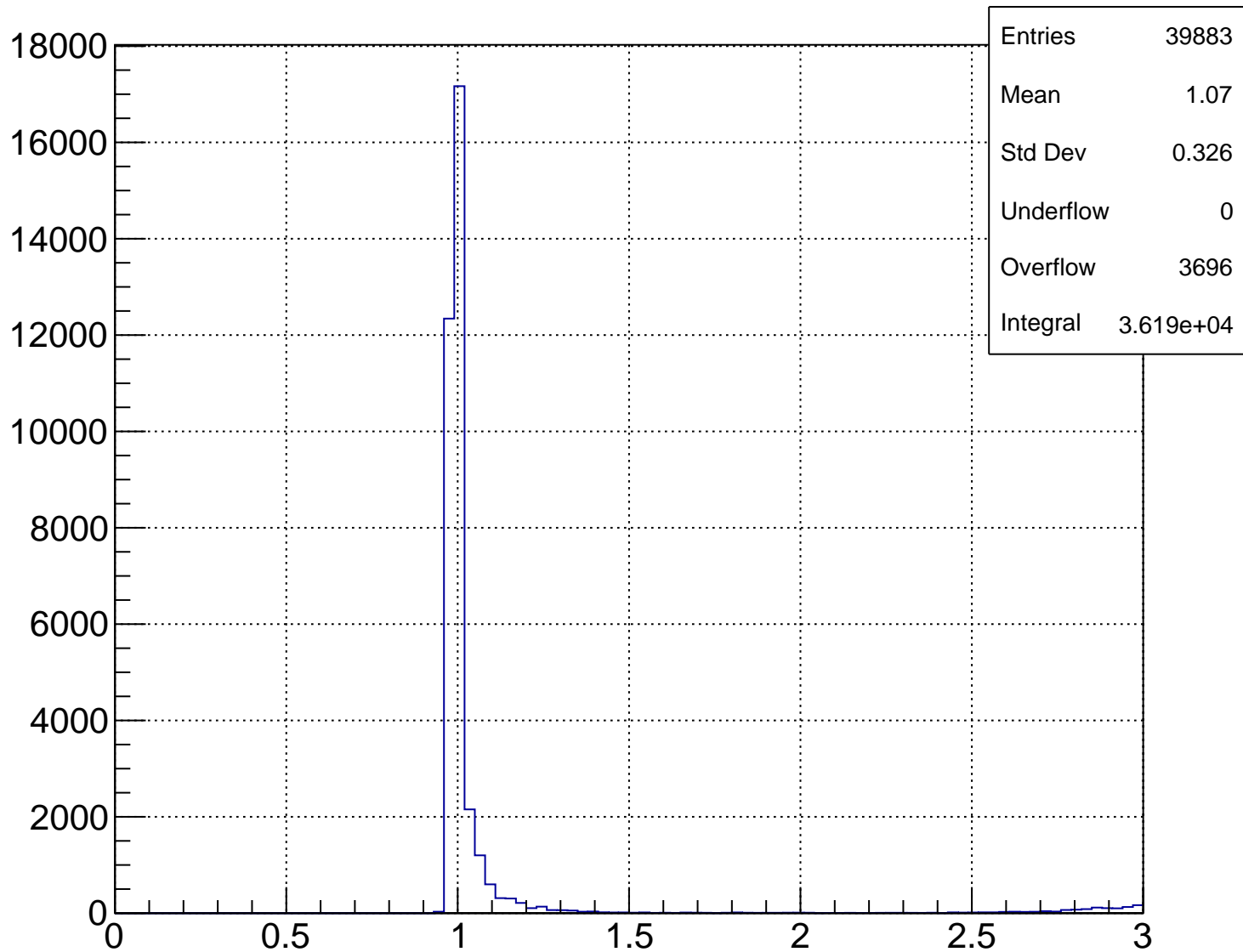
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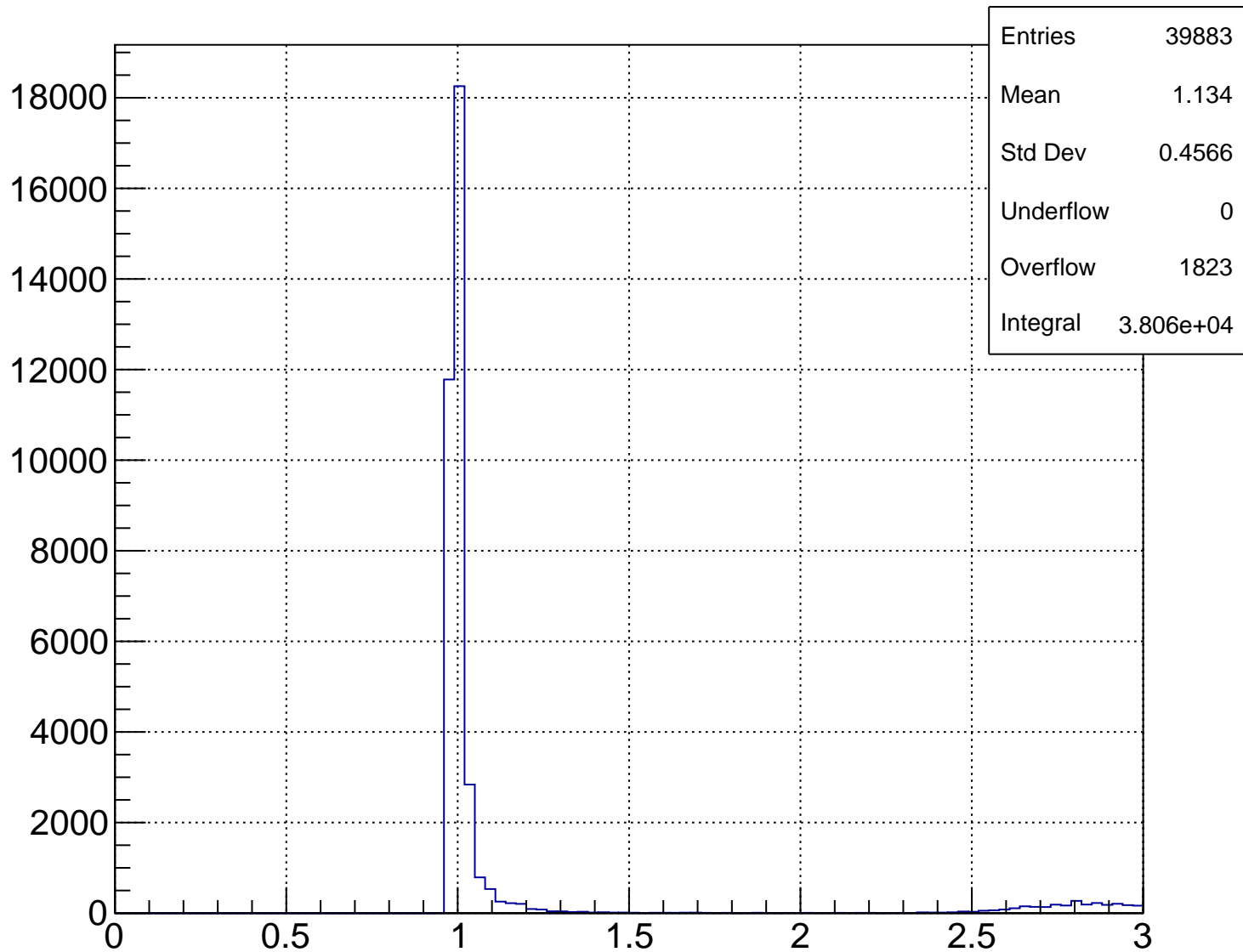
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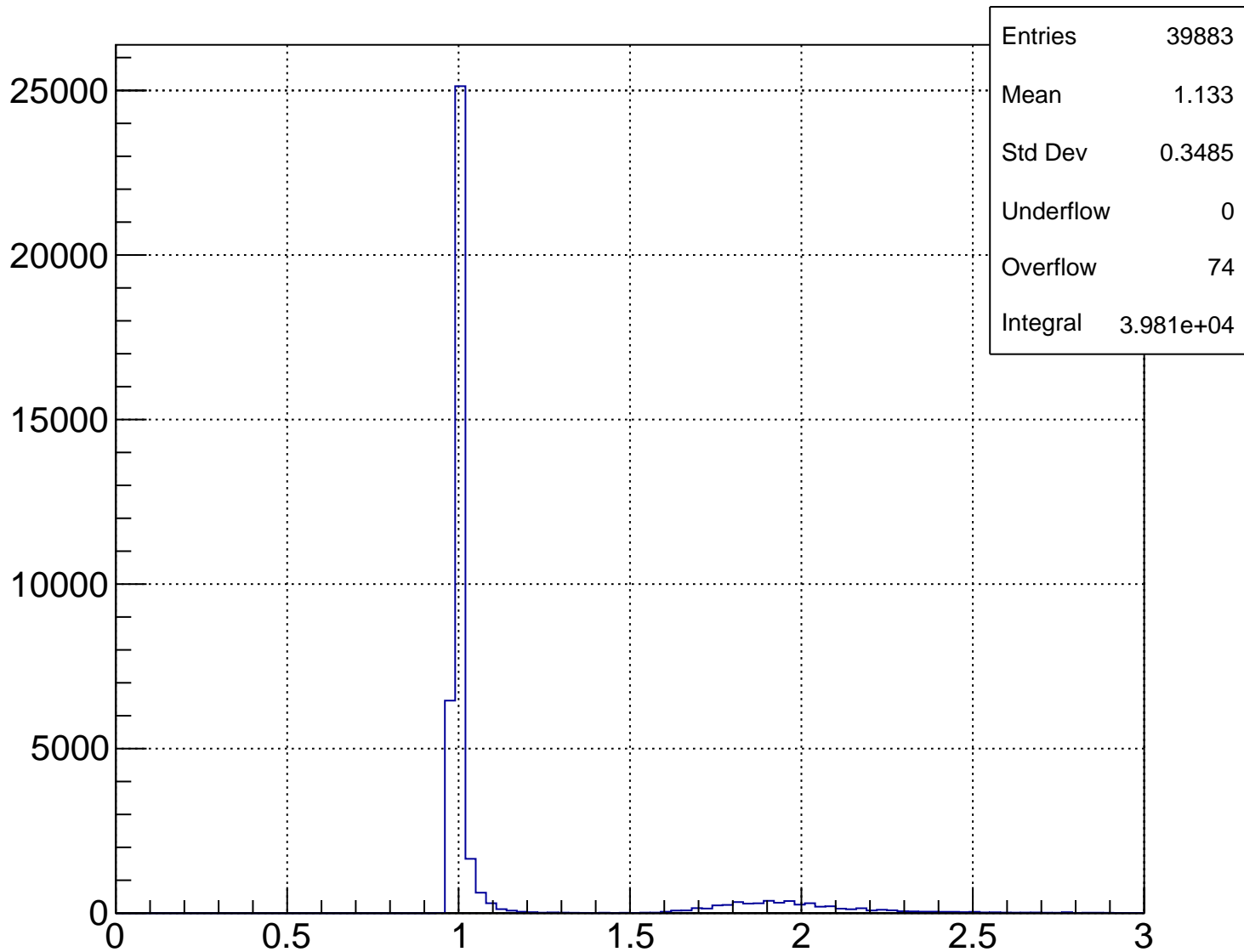
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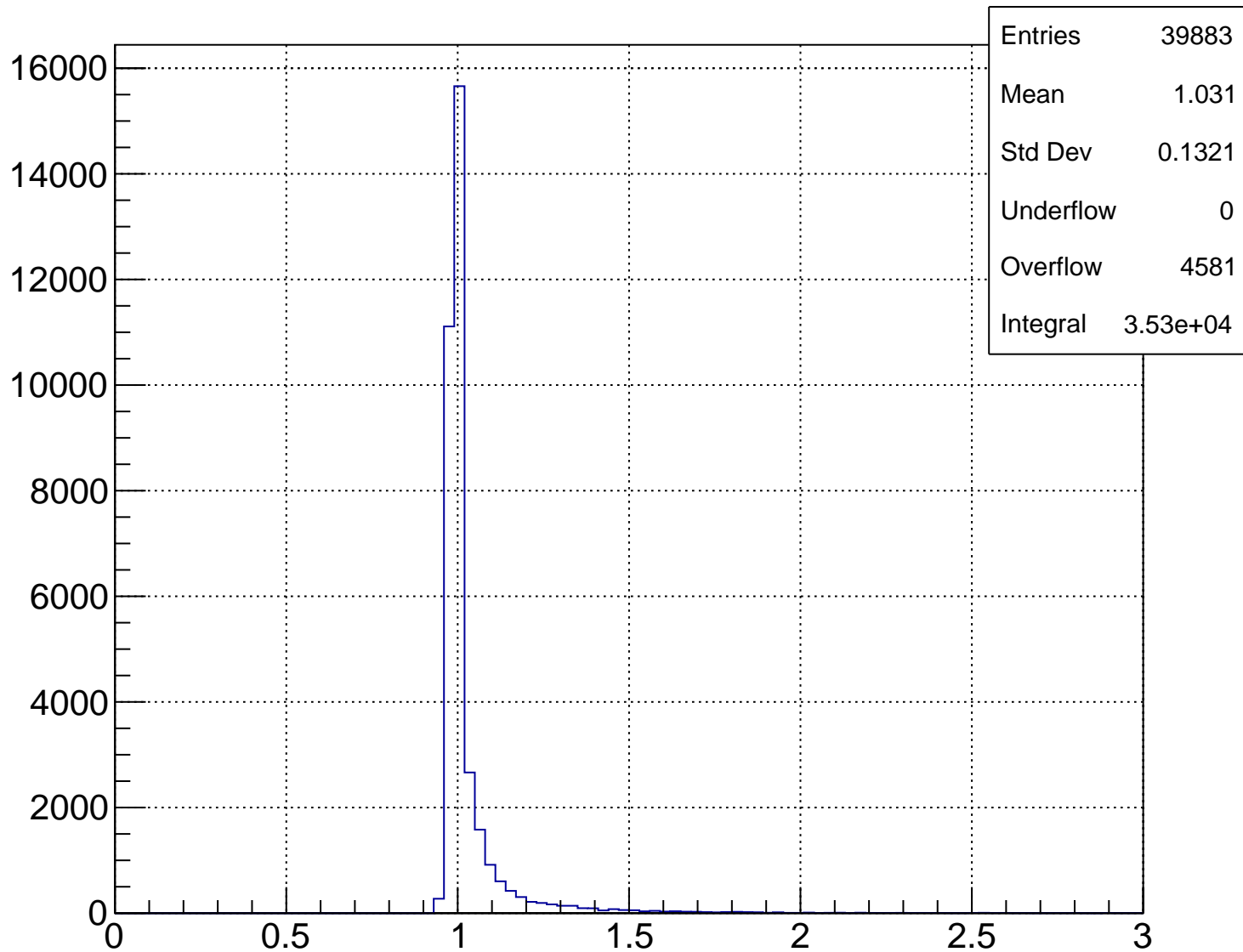
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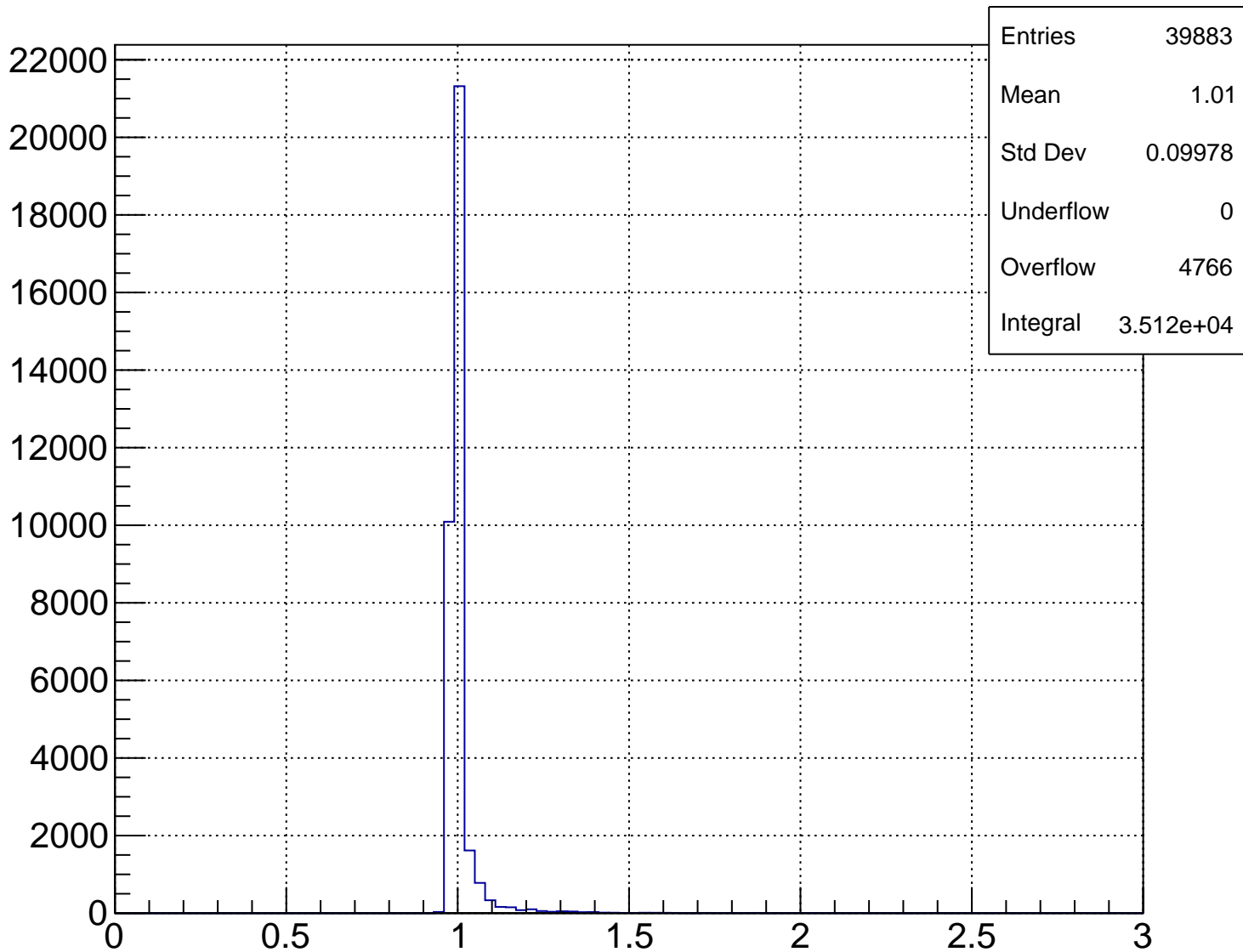
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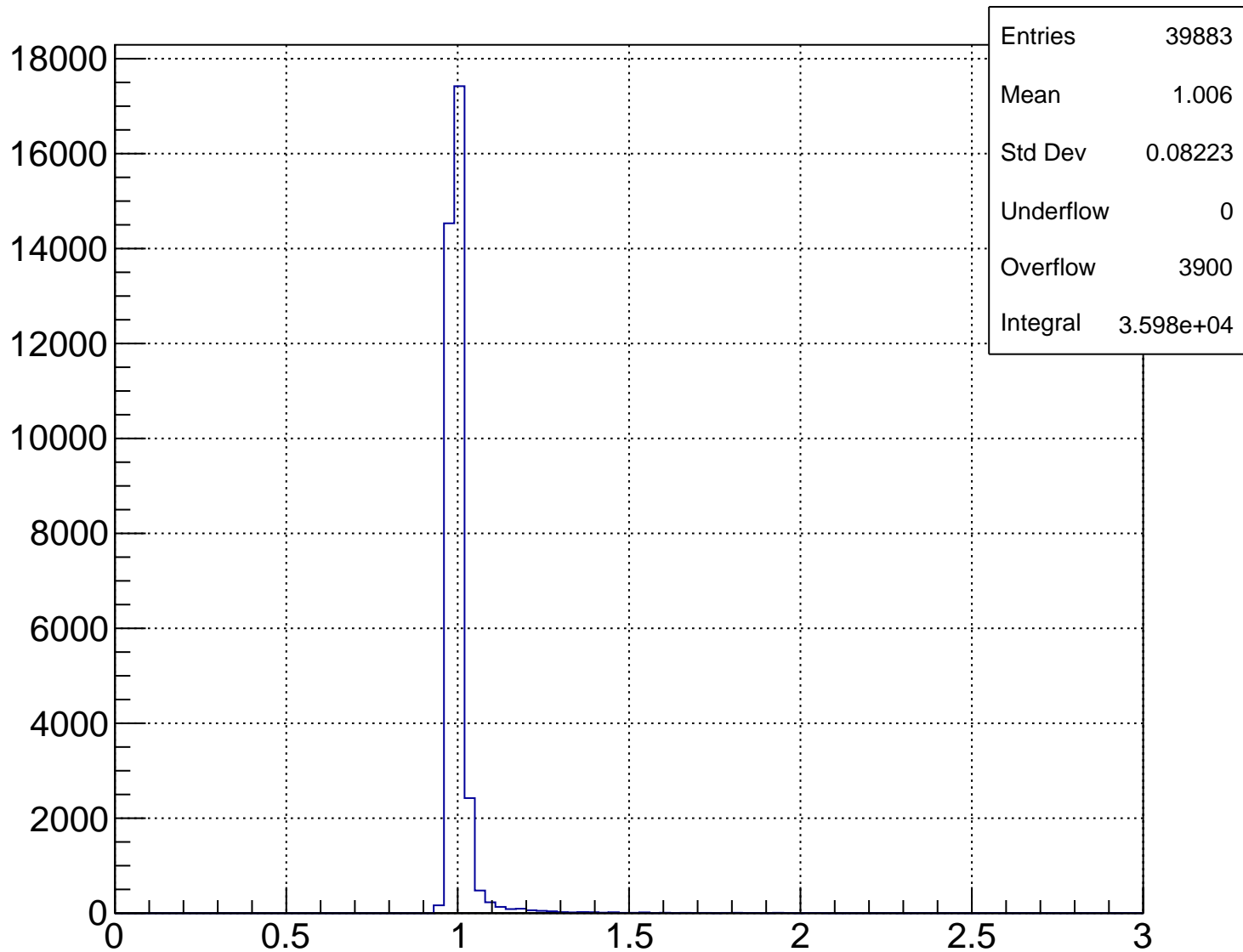
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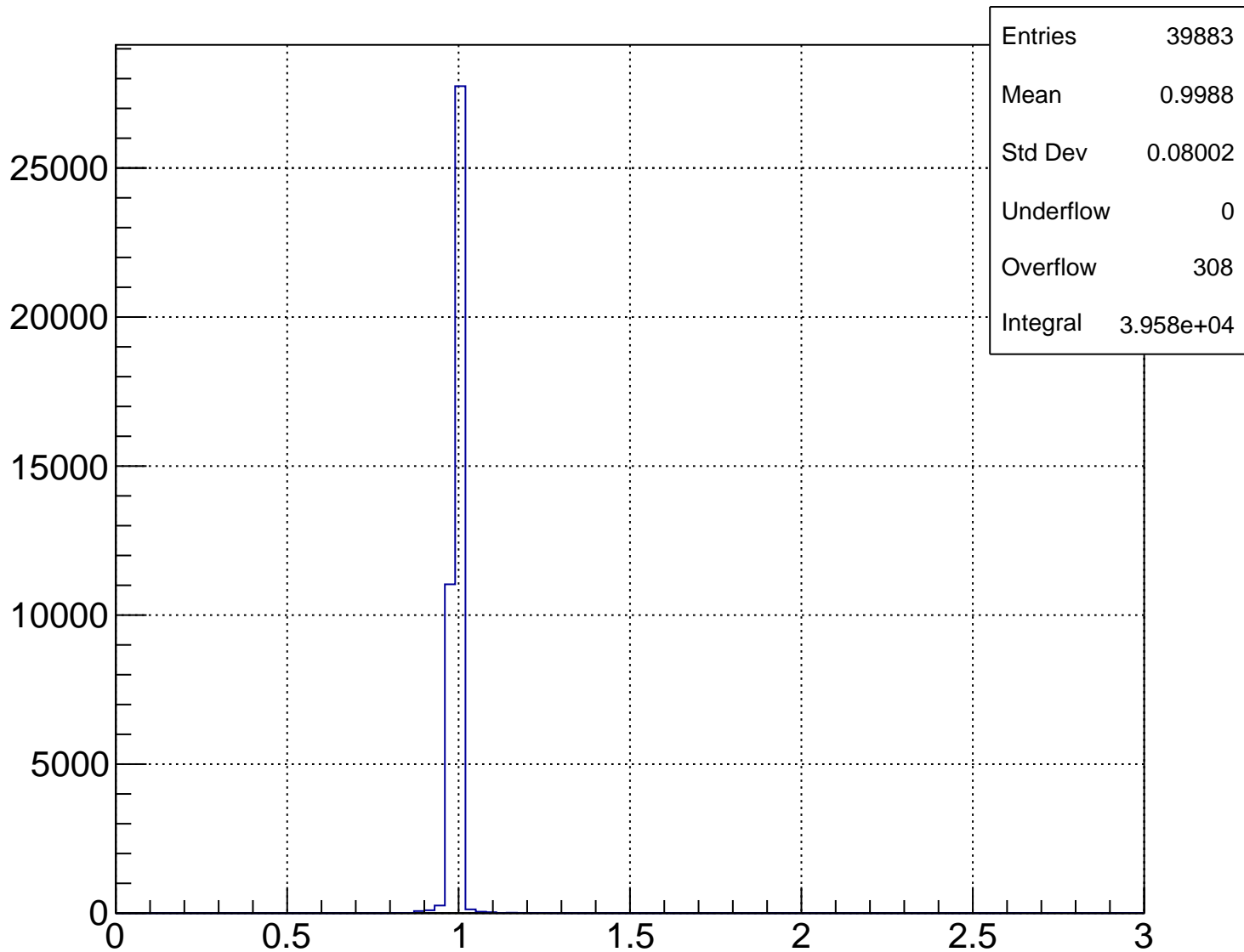
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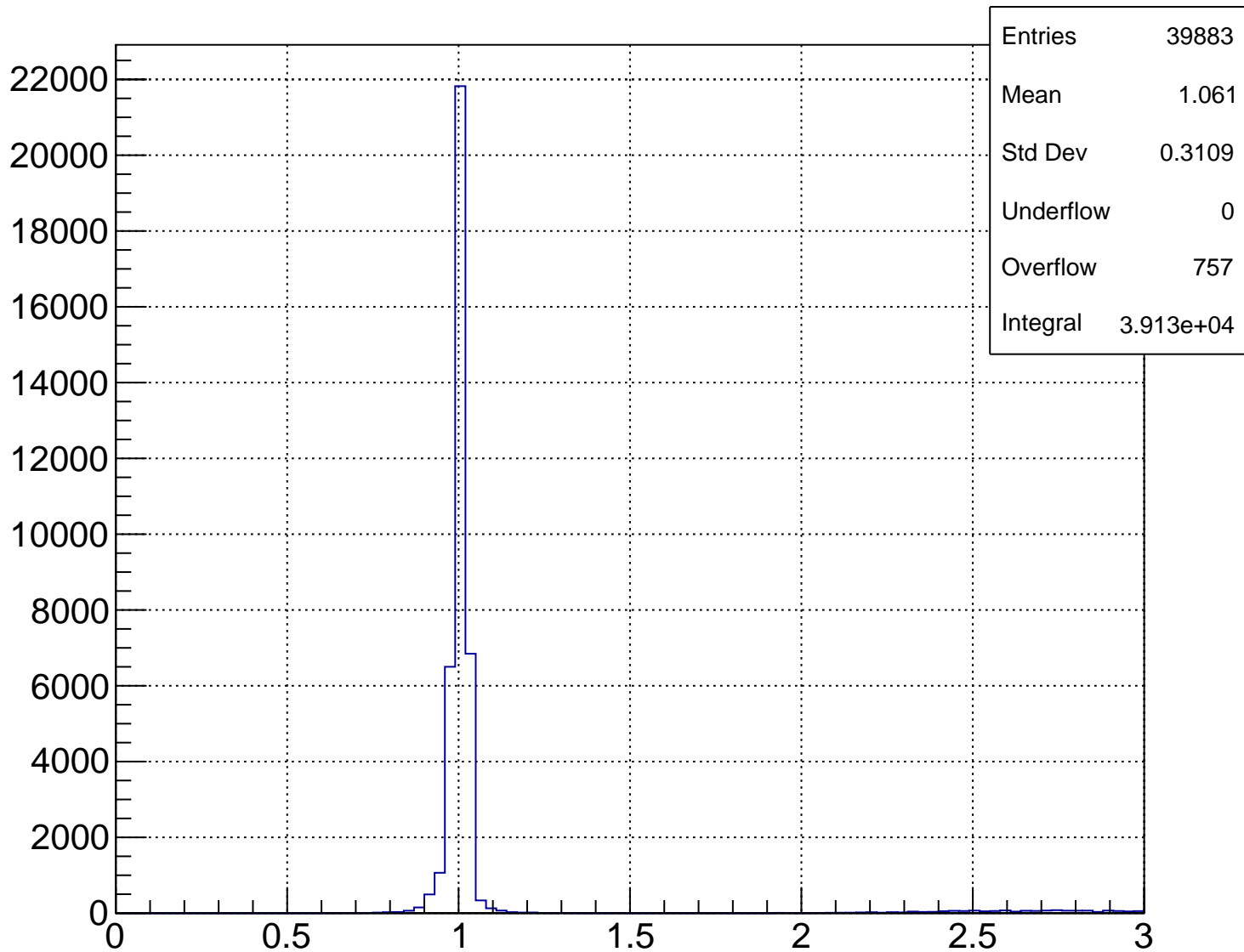
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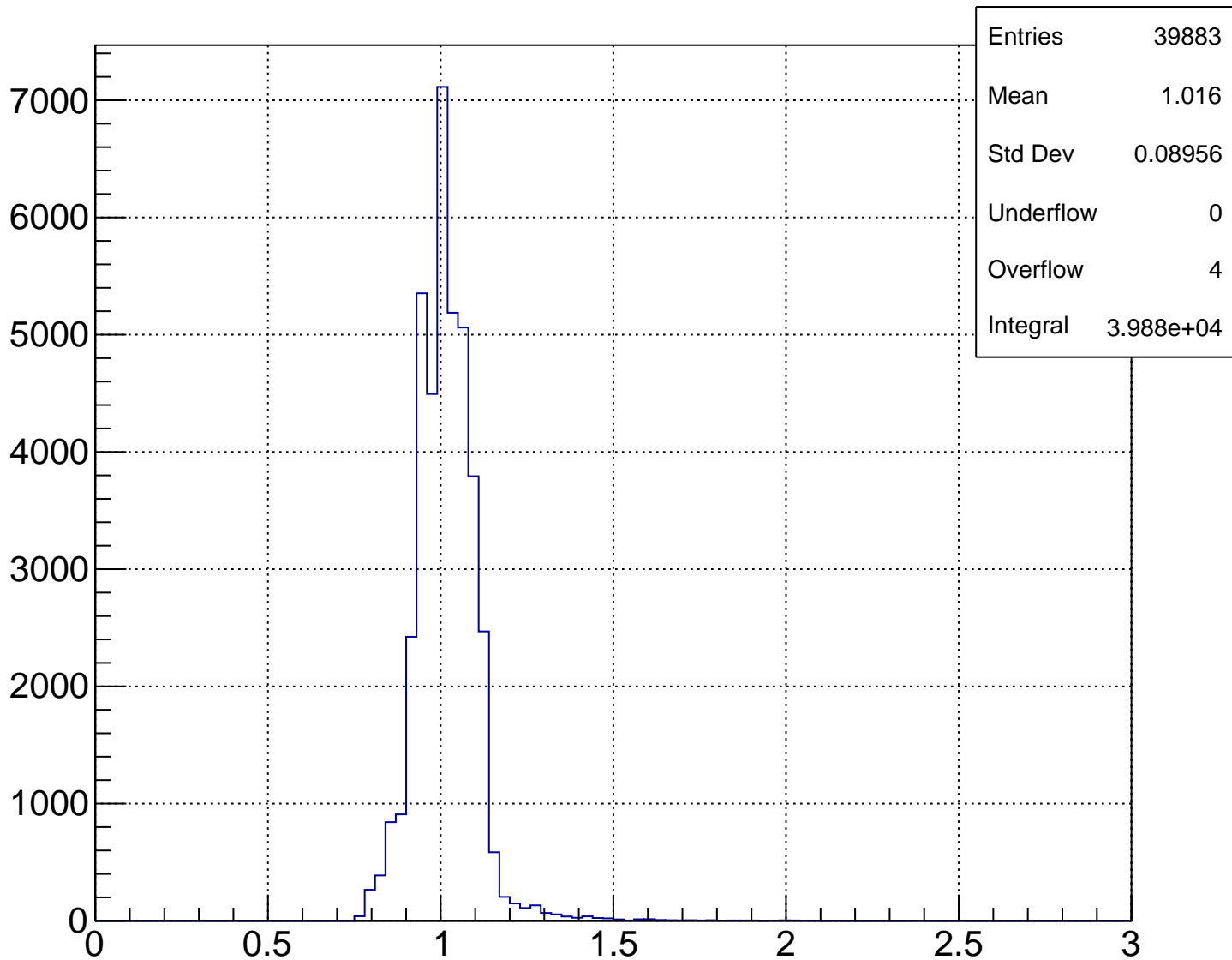
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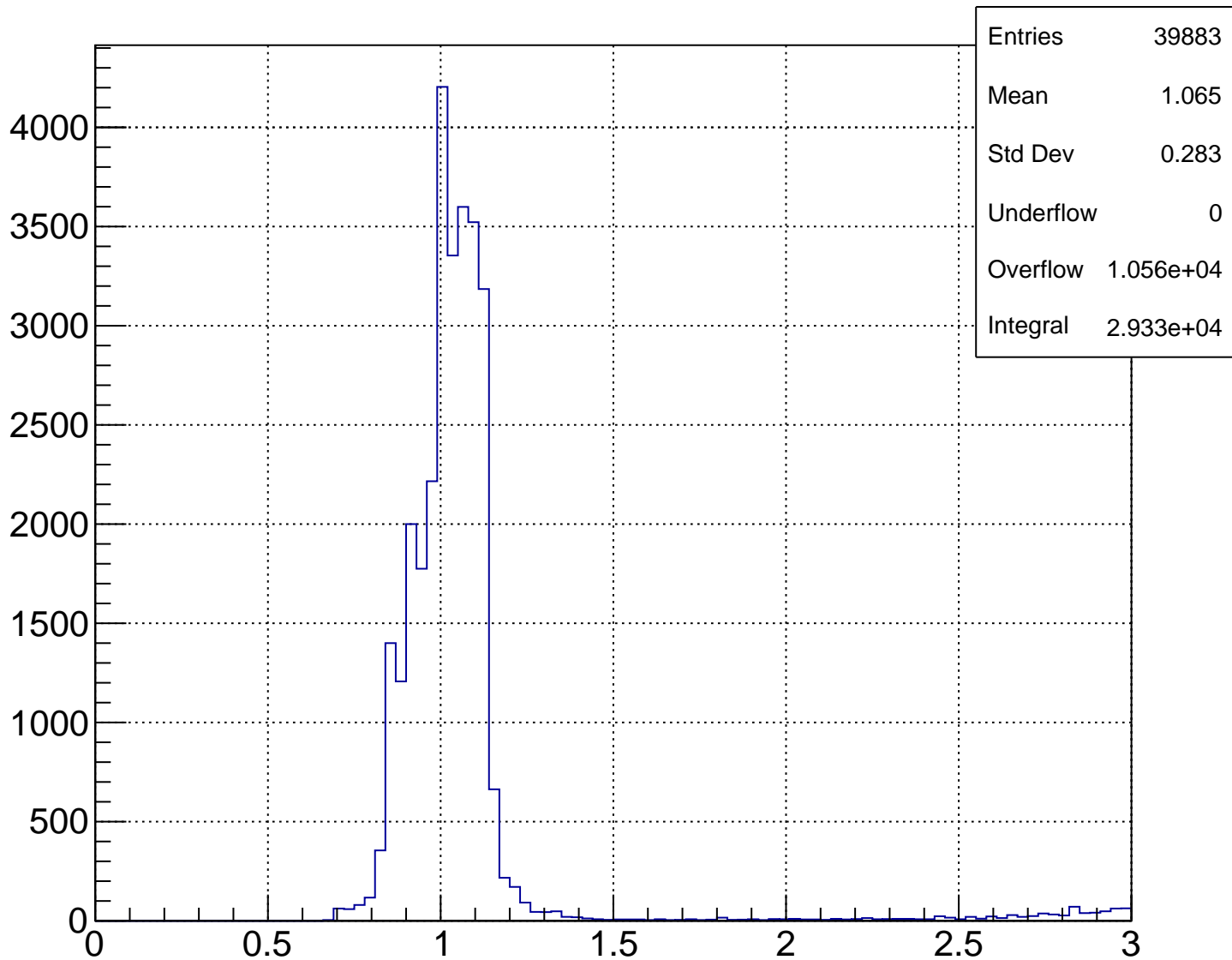
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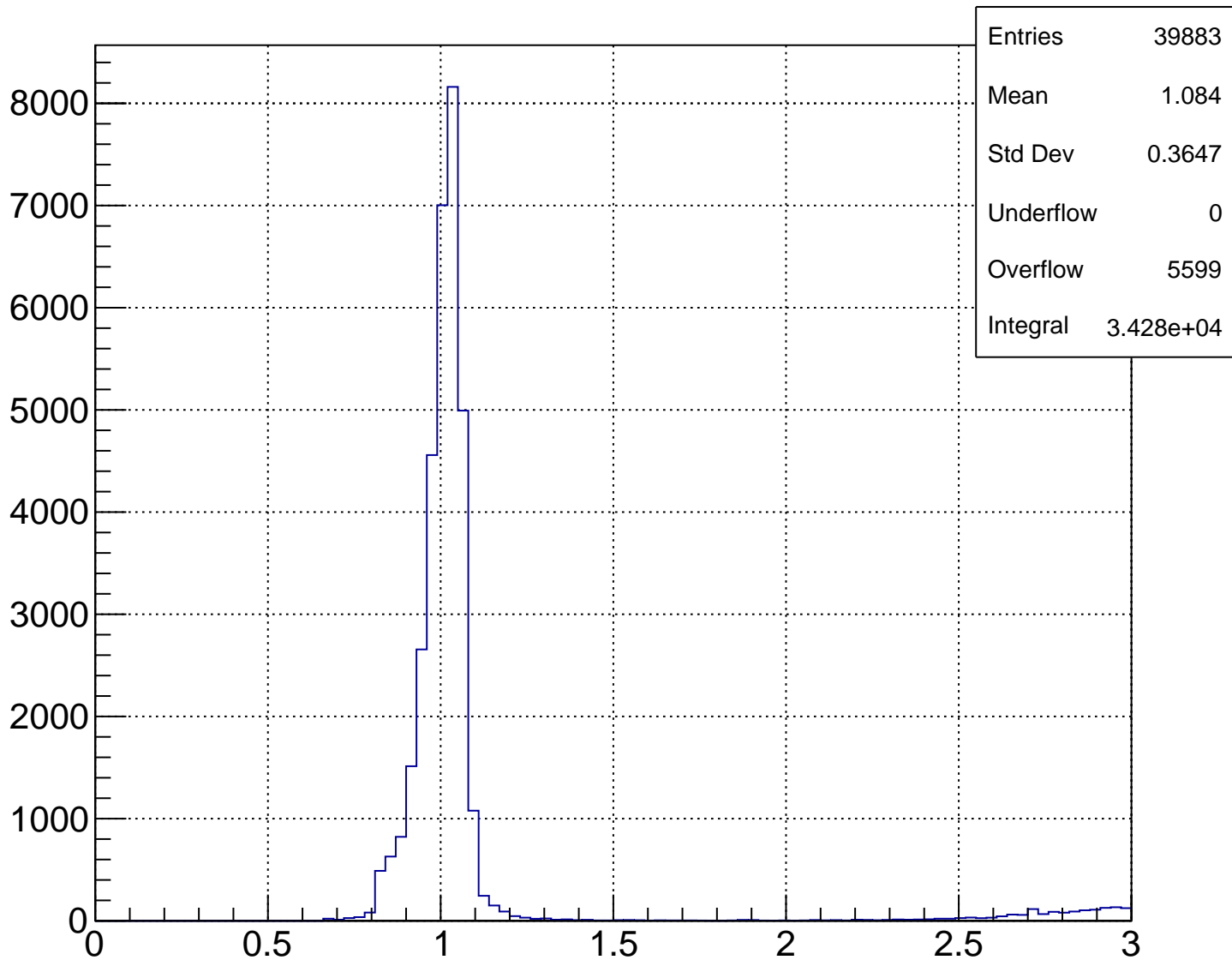
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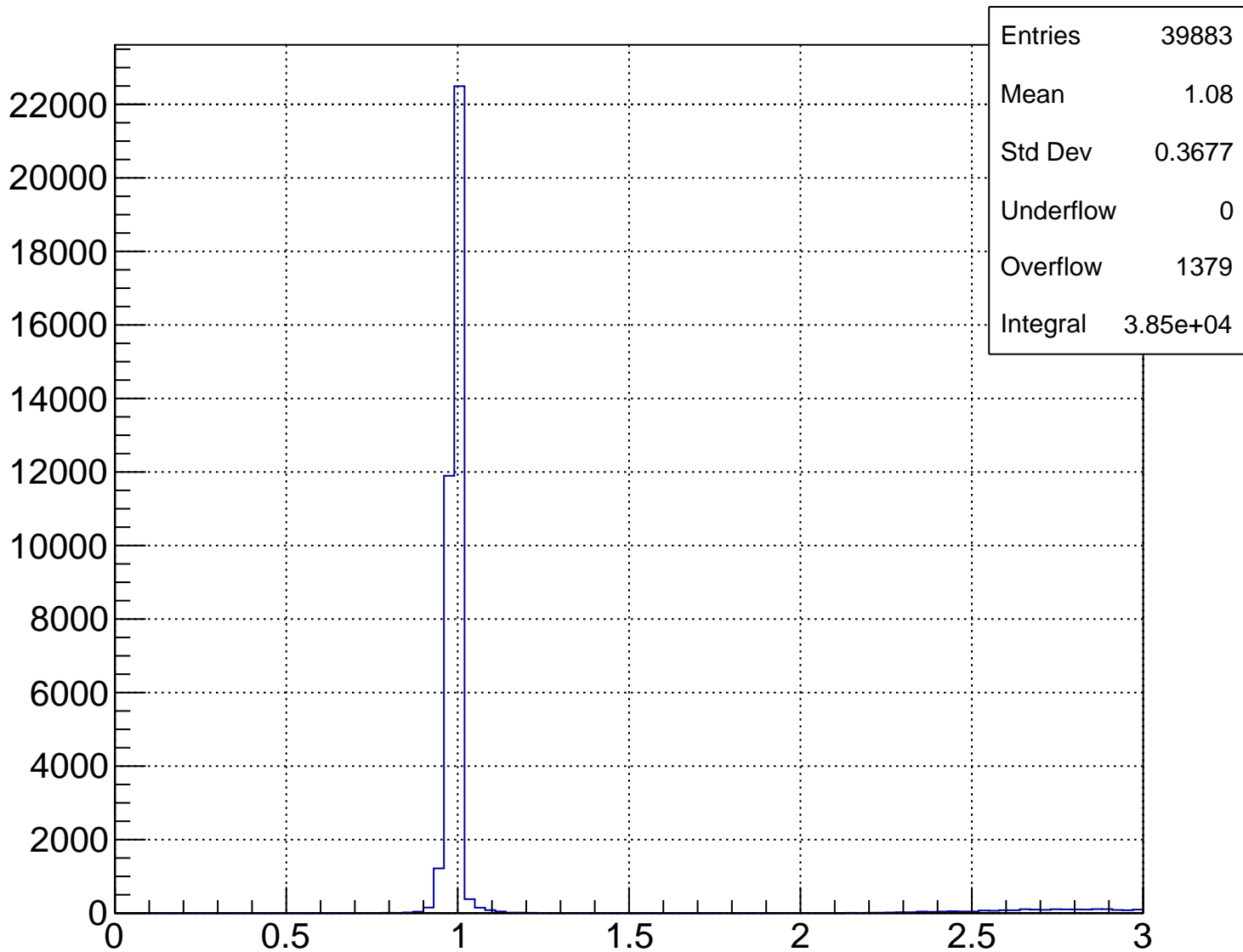
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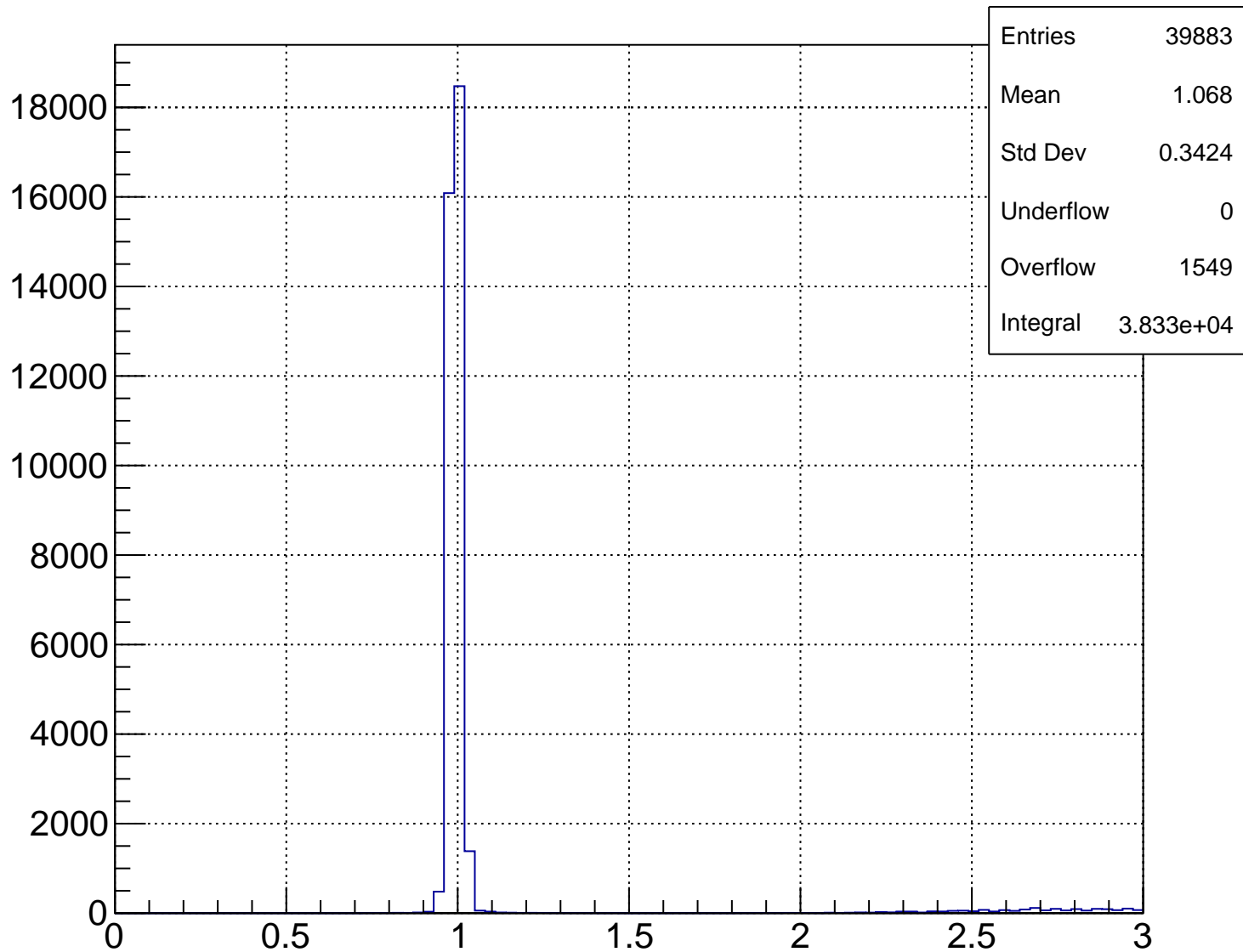
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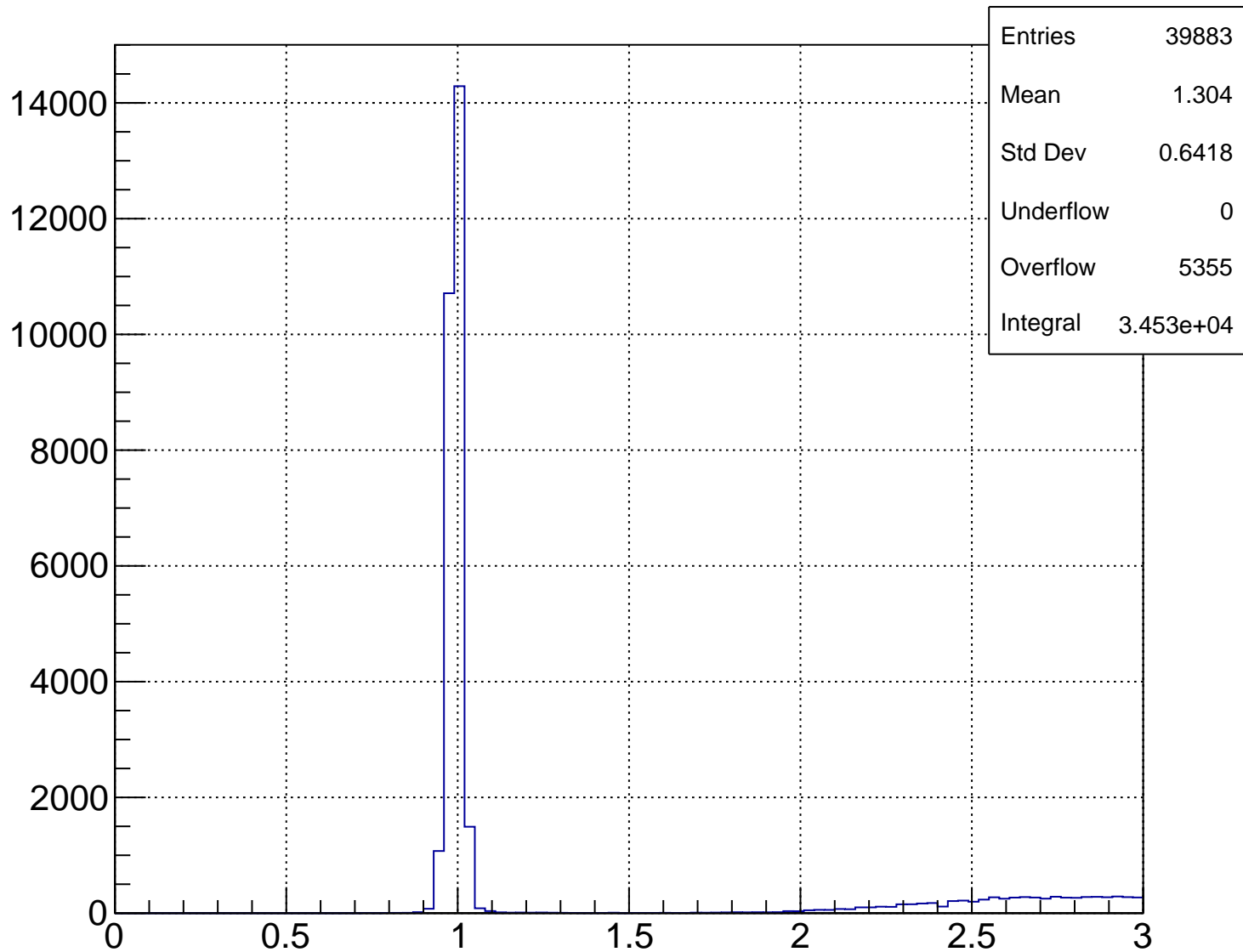
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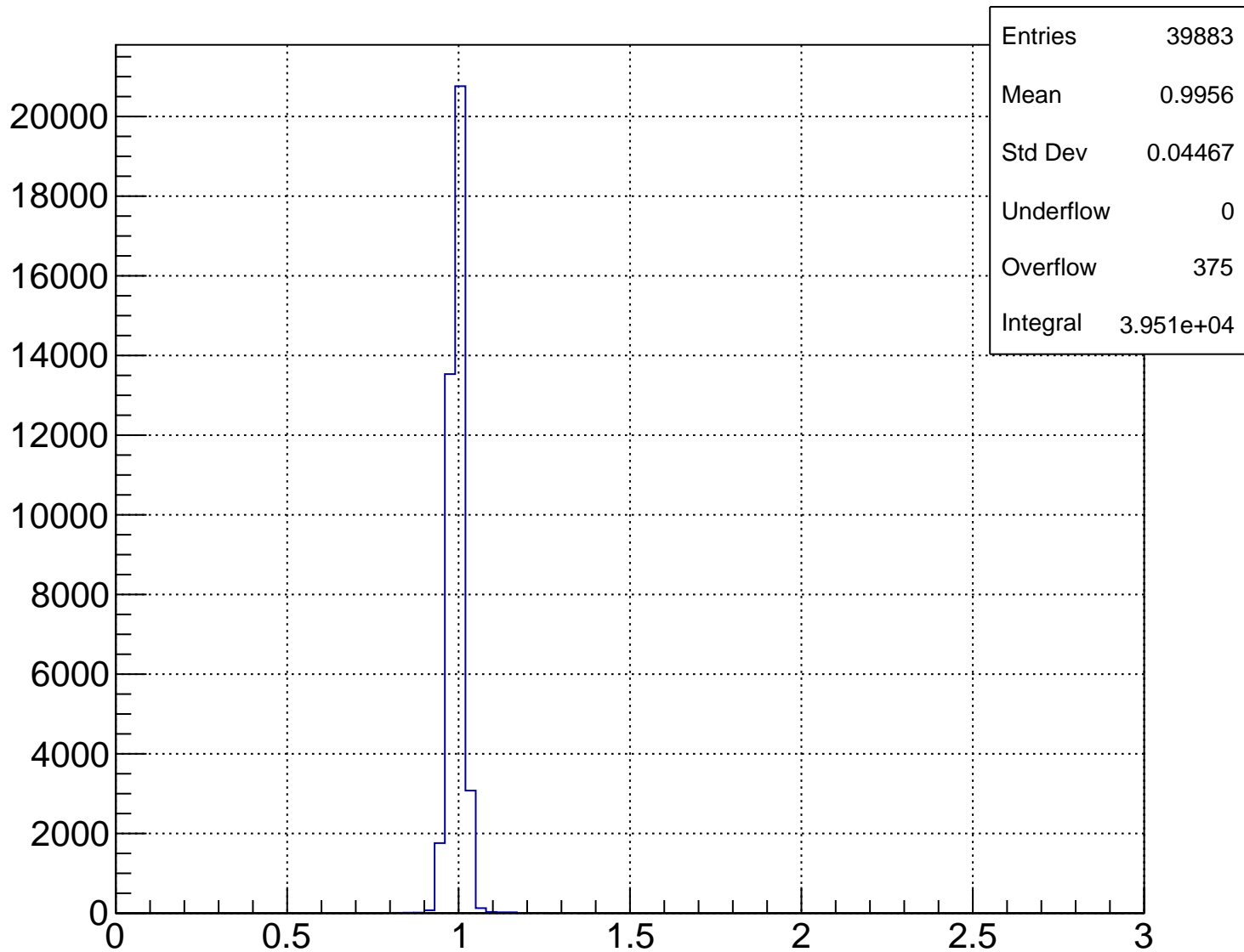
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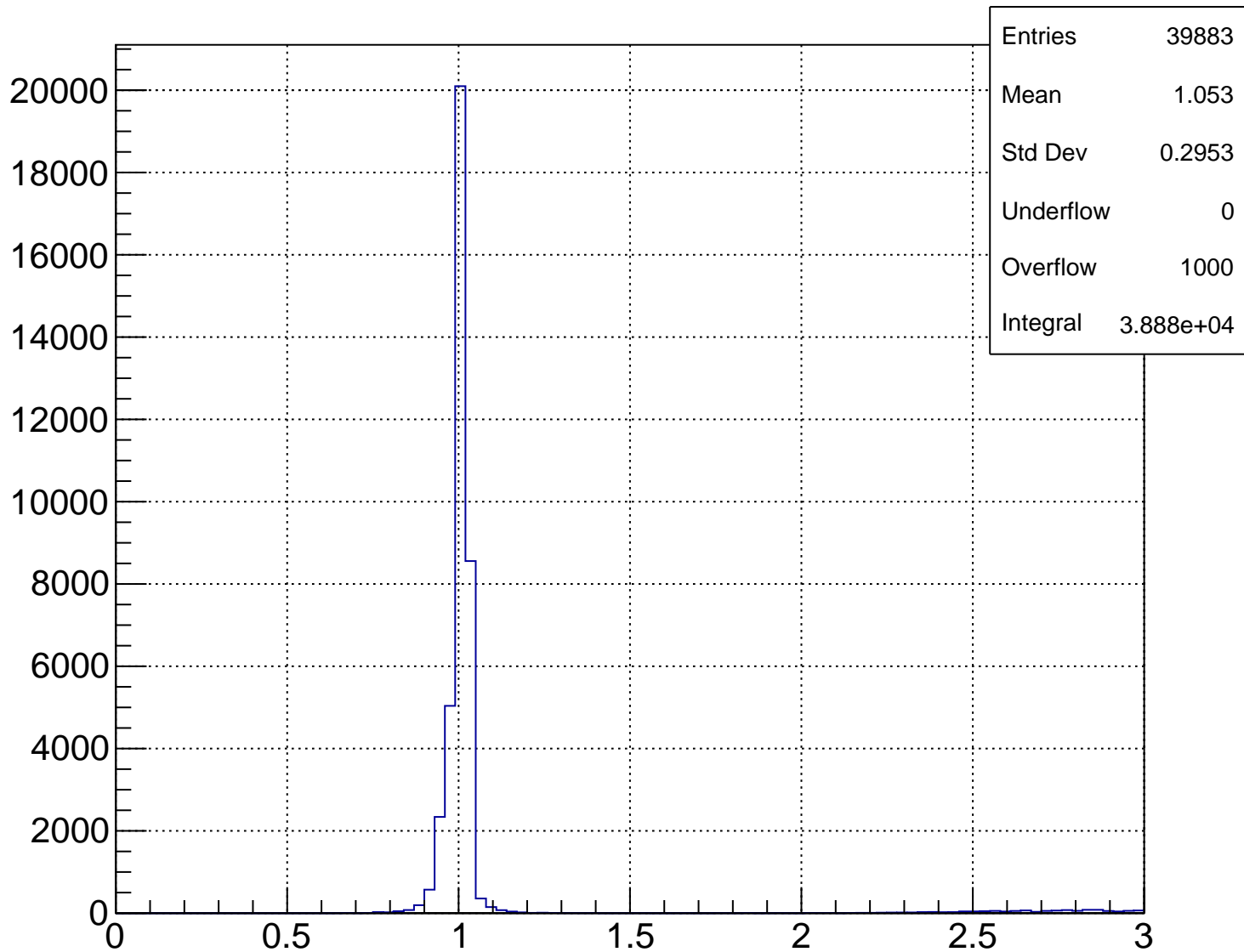
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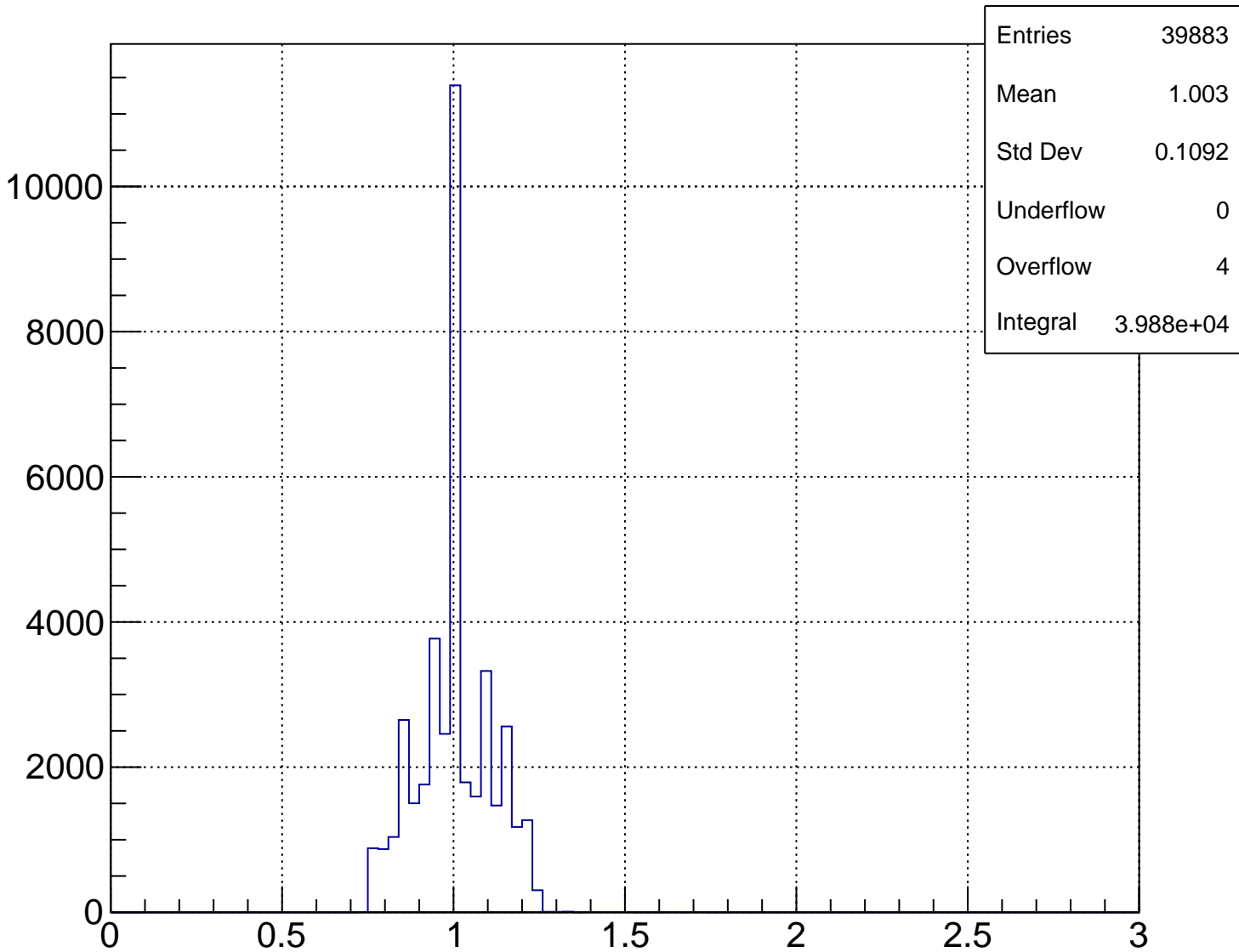
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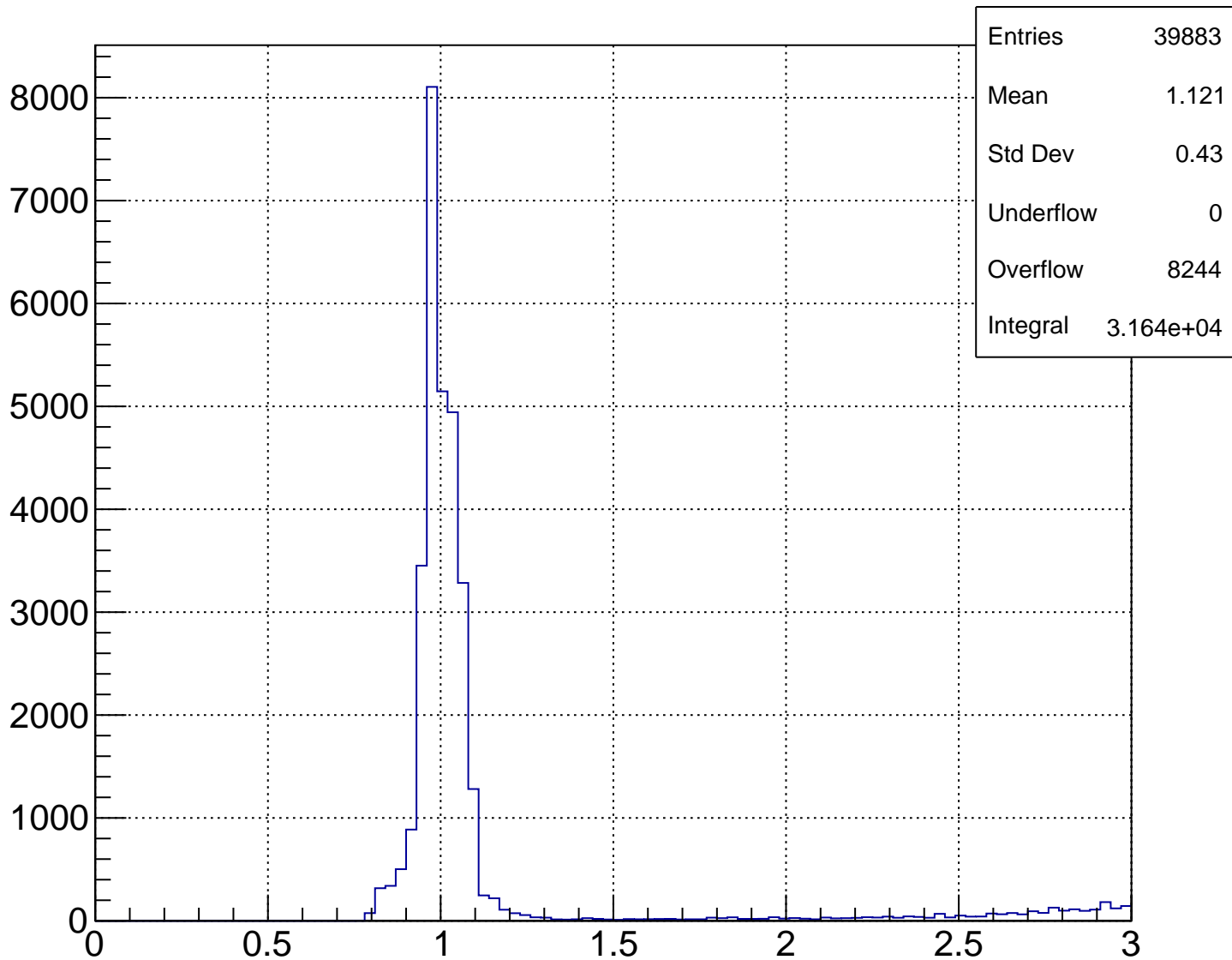
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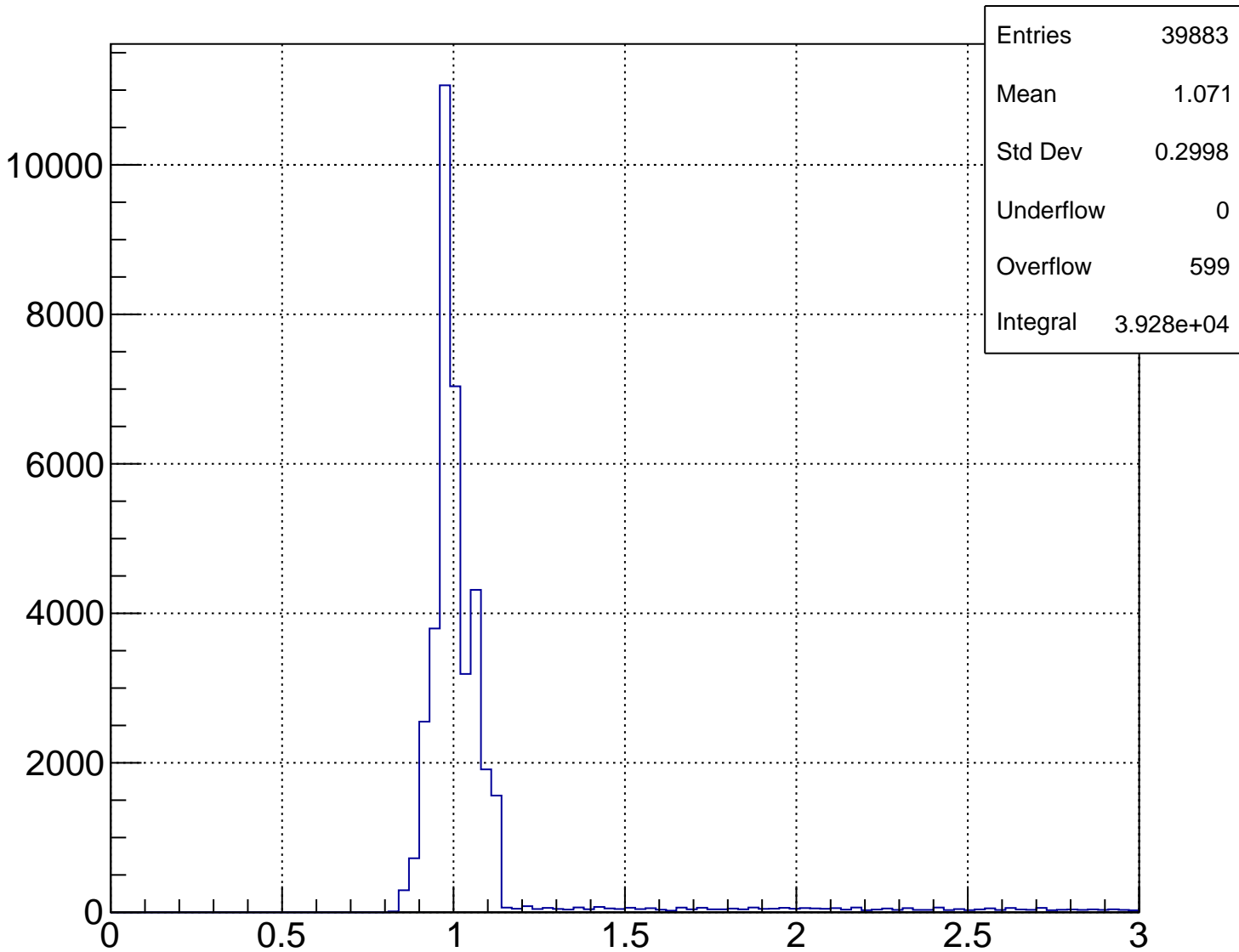
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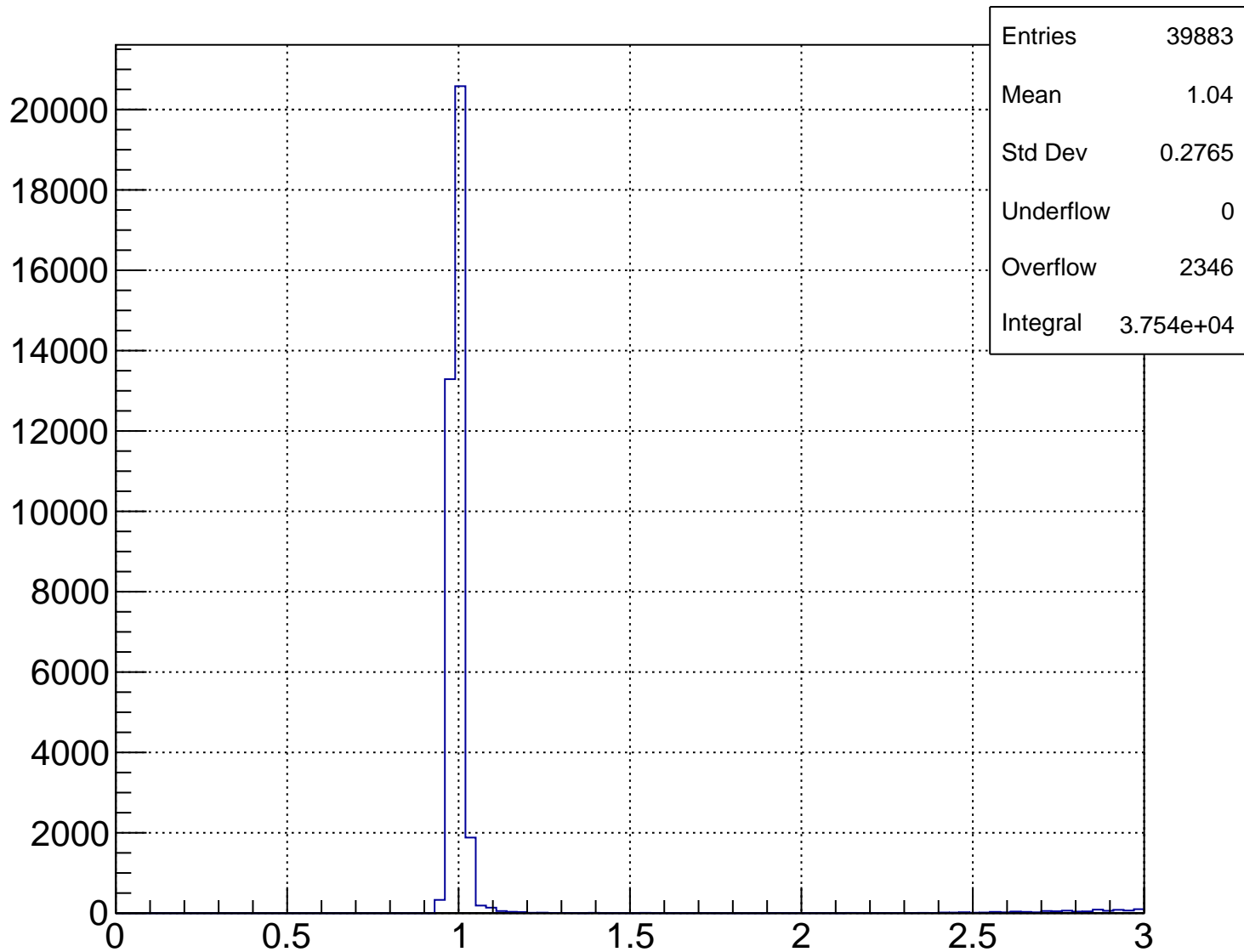
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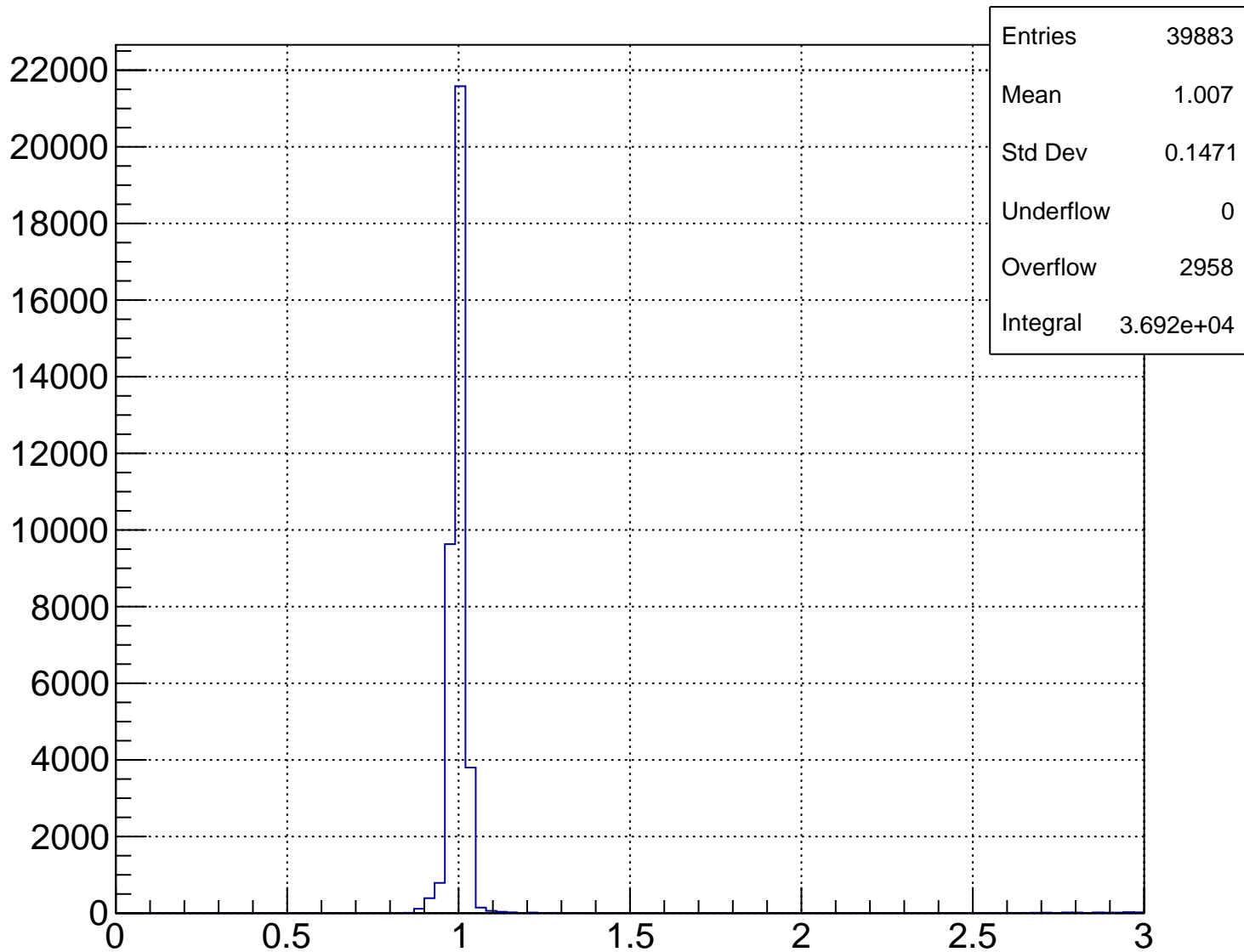
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BH2DdE6



BH2DdE7



BH2DdE8

