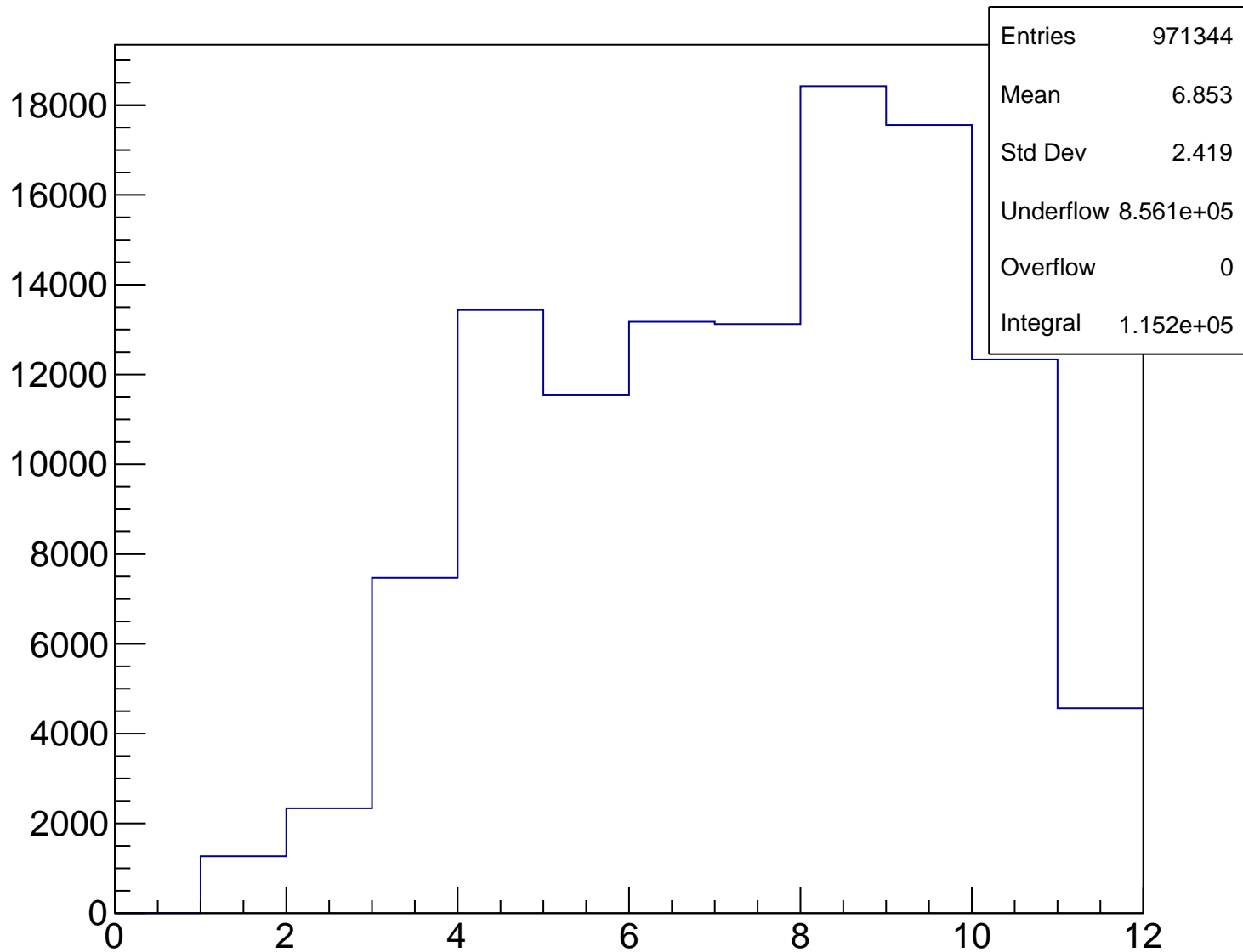
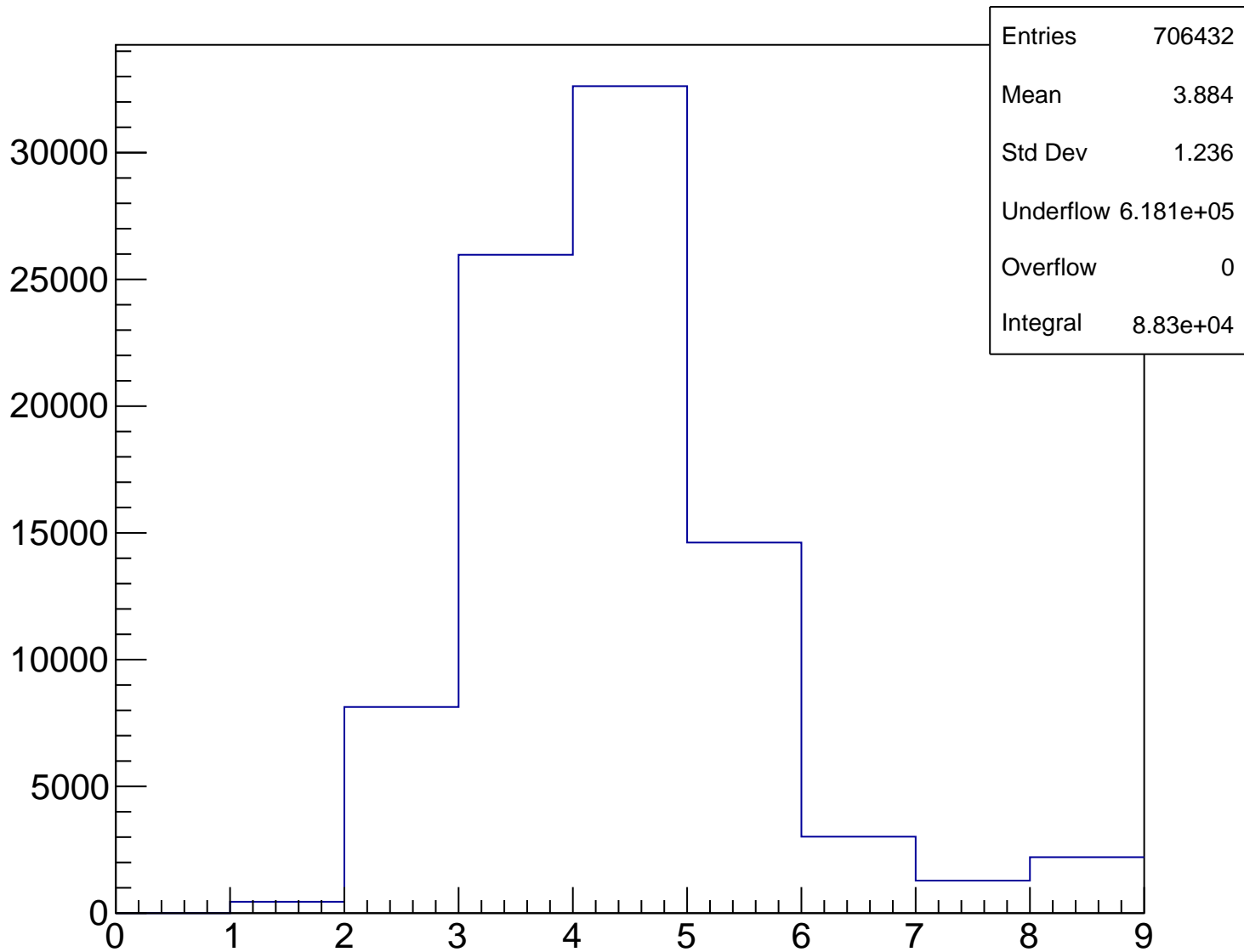


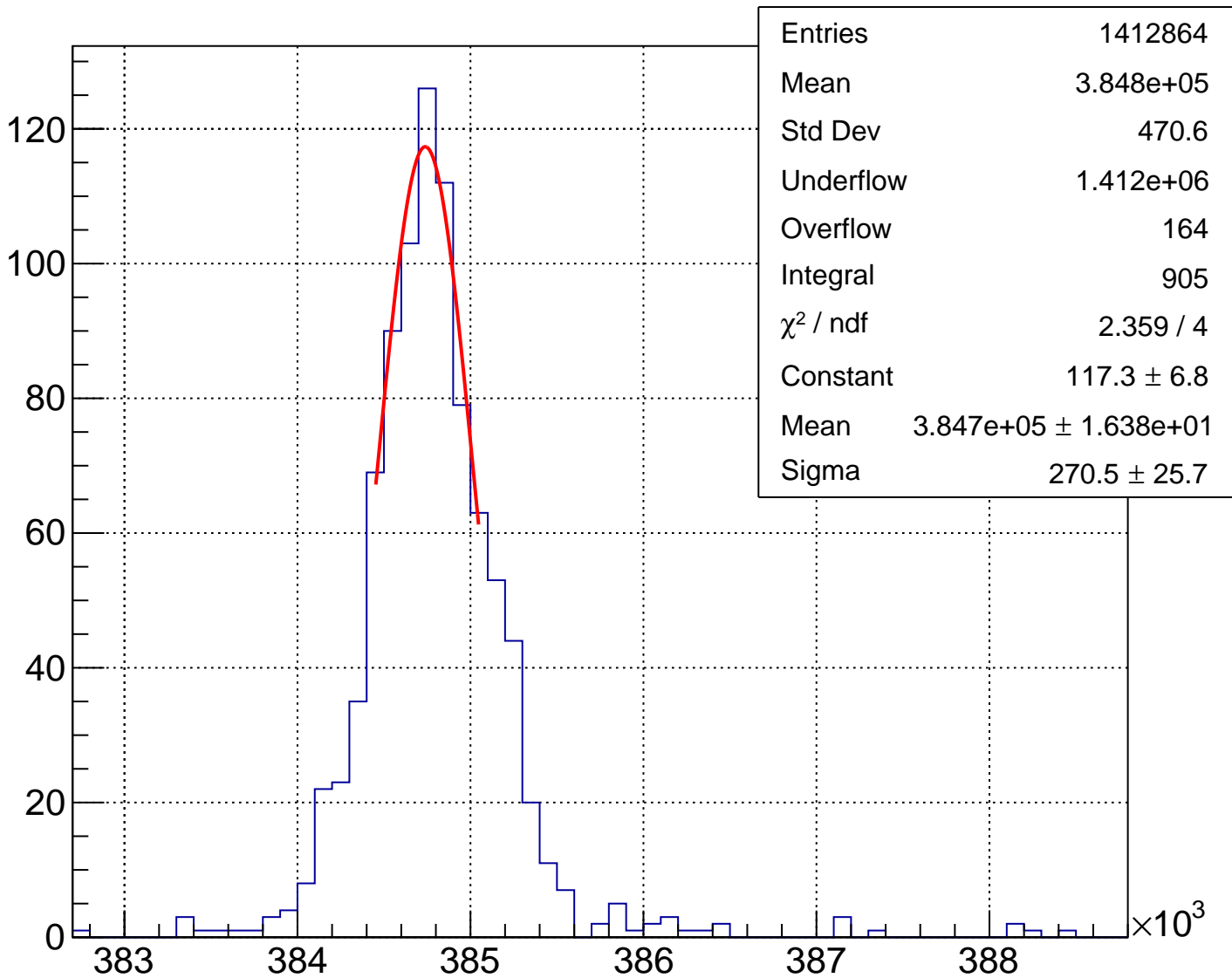
# BH1HitPat



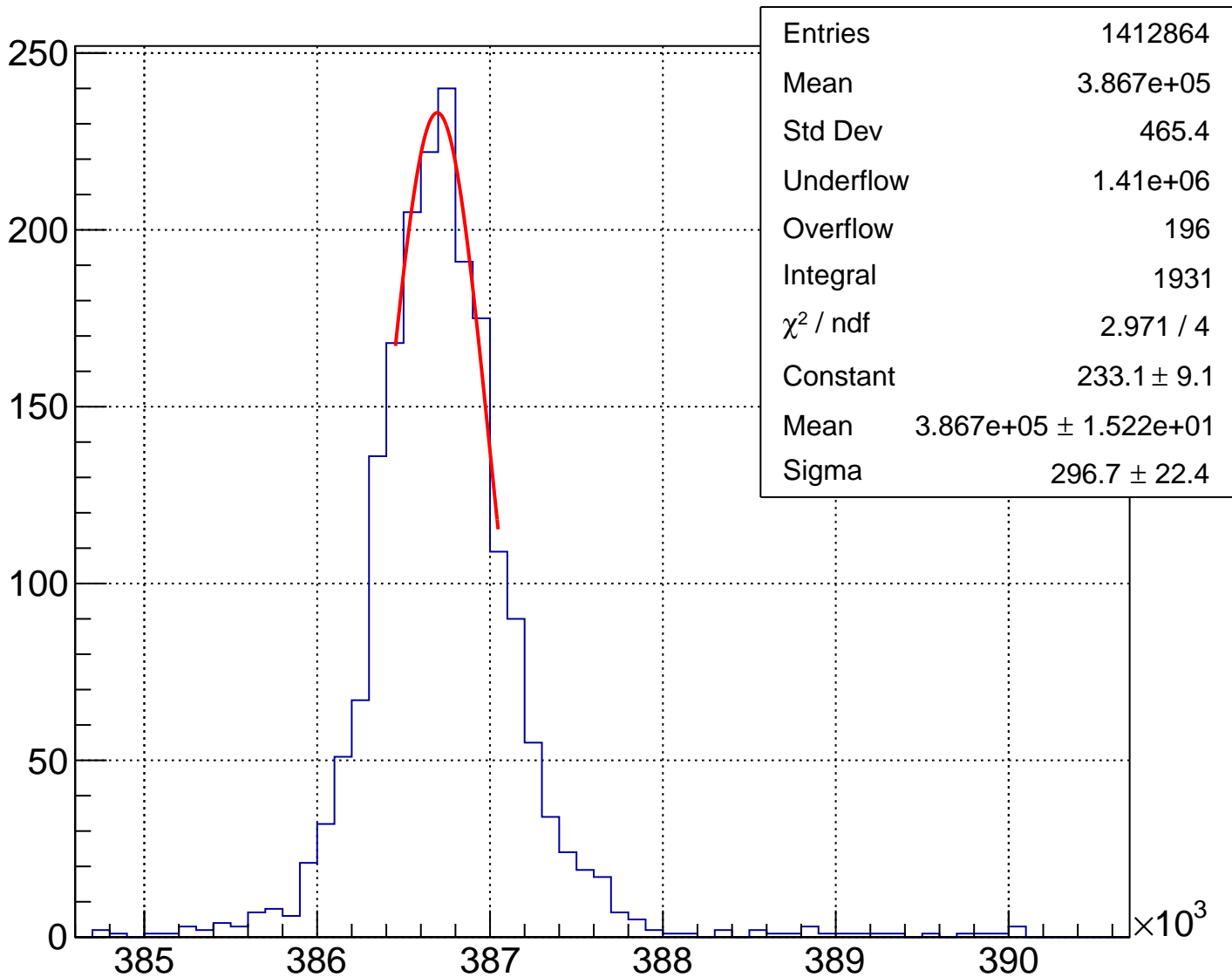
# BH2HitPat



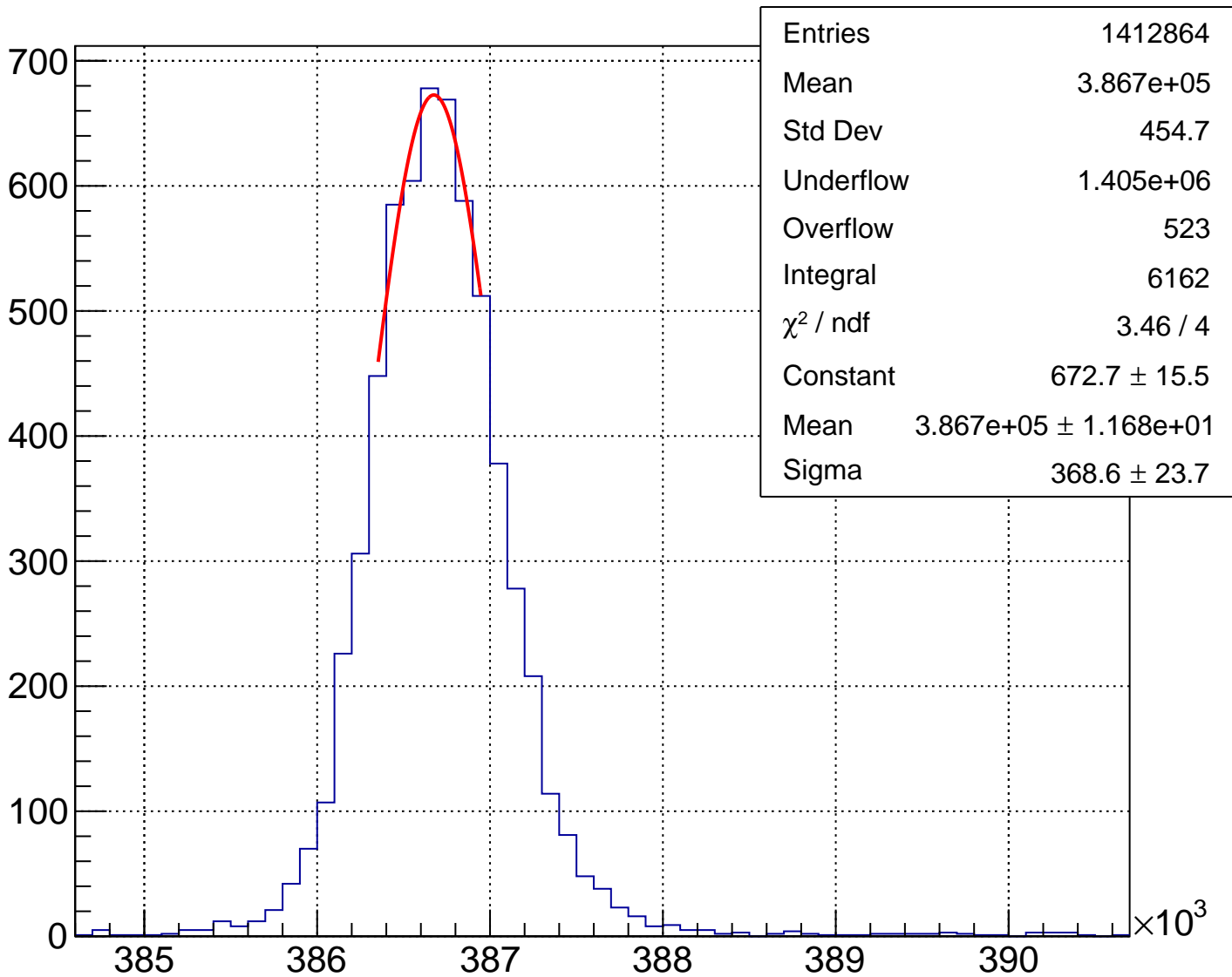
# BH1\_1UT



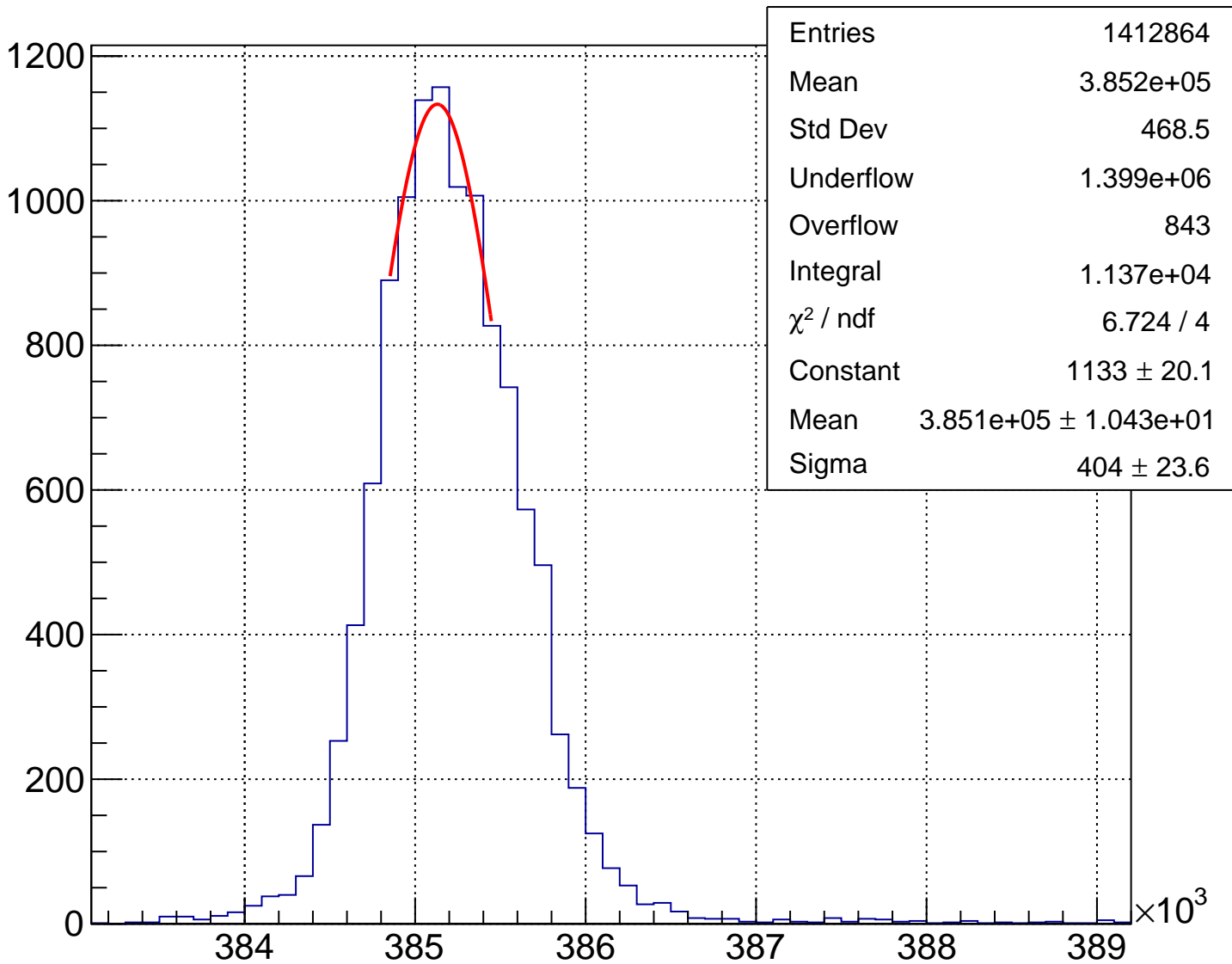
# BH1\_2UT



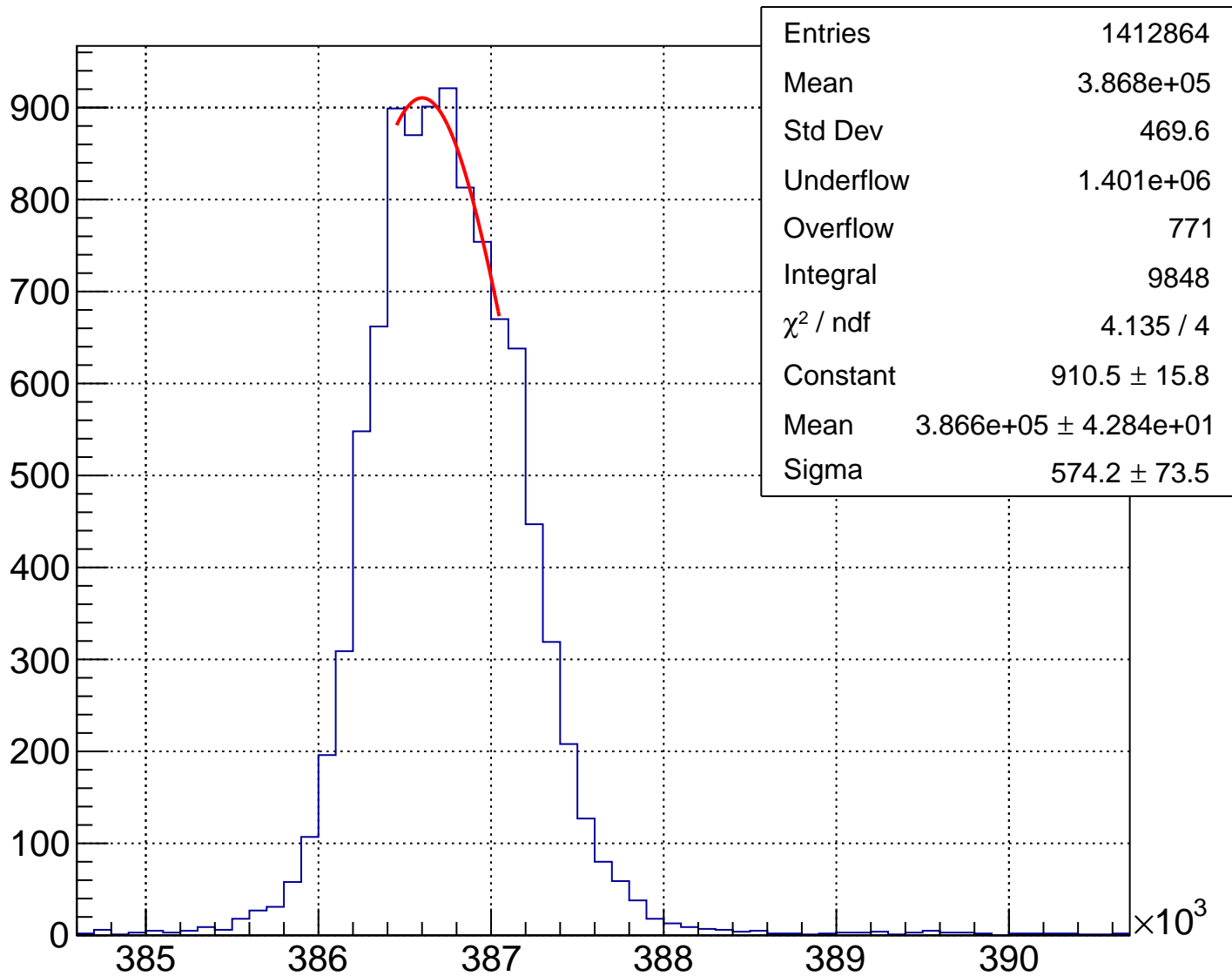
# BH1\_3UT



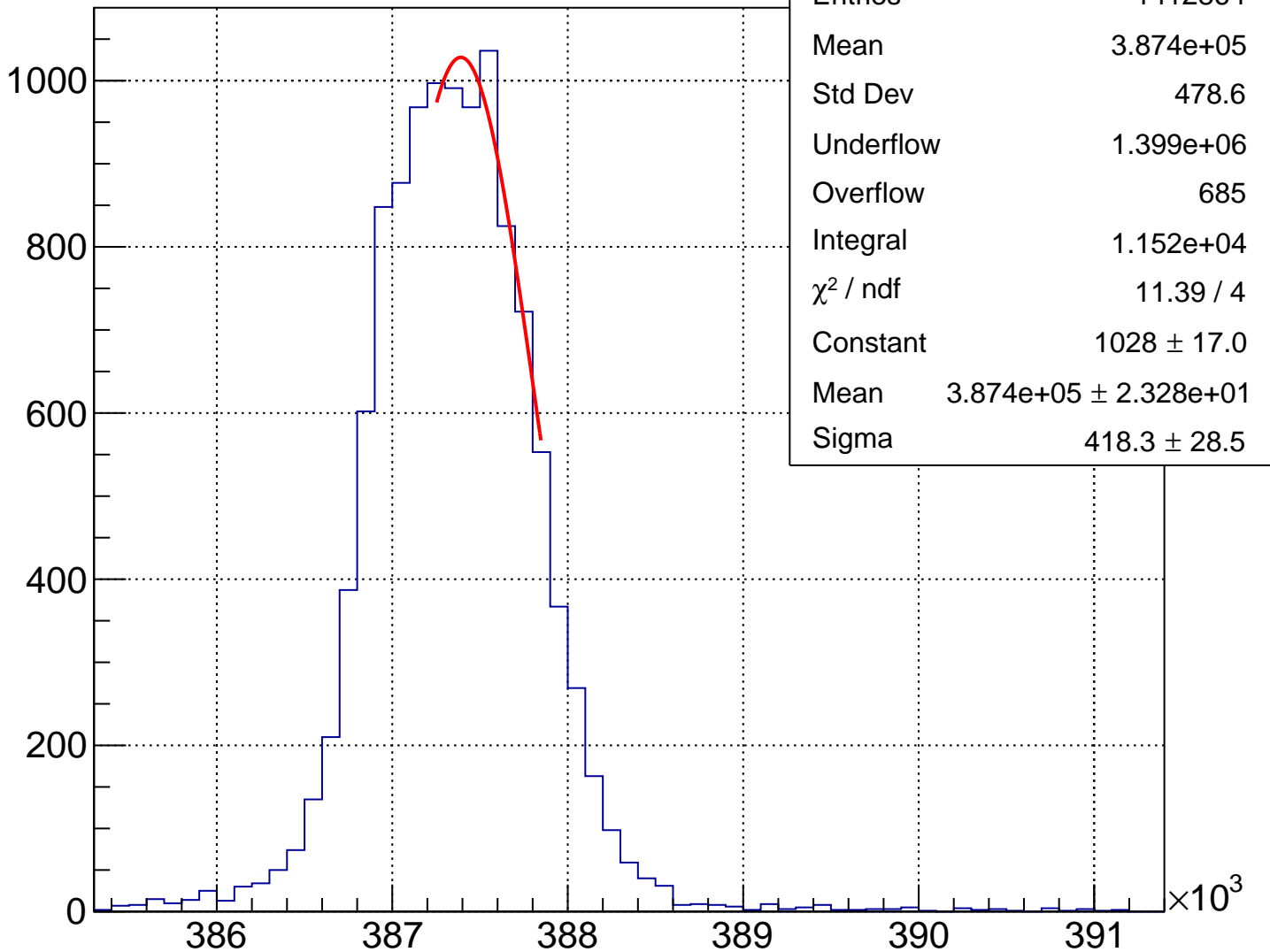
# BH1\_4UT



# BH1\_5UT

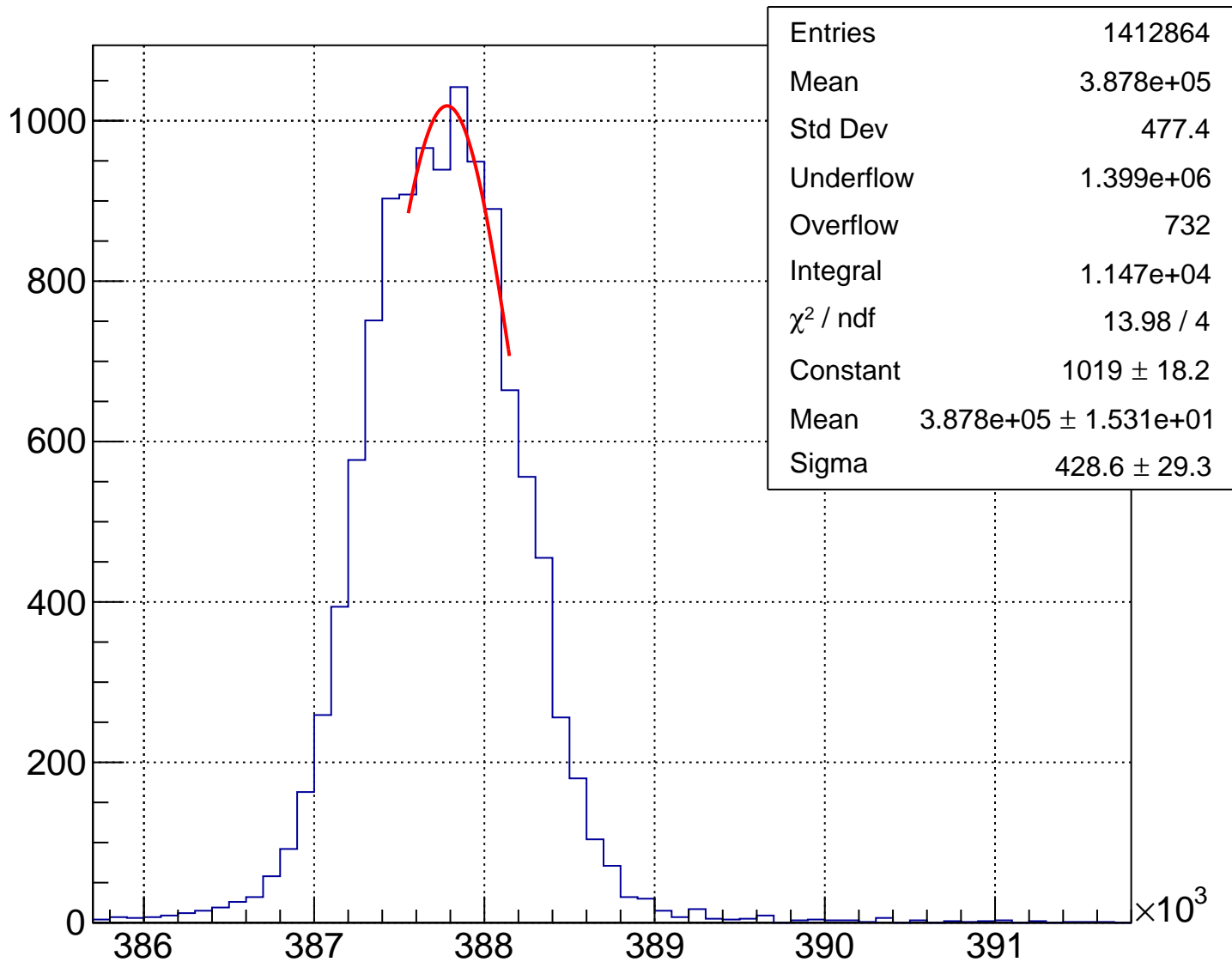


# BH1\_6UT

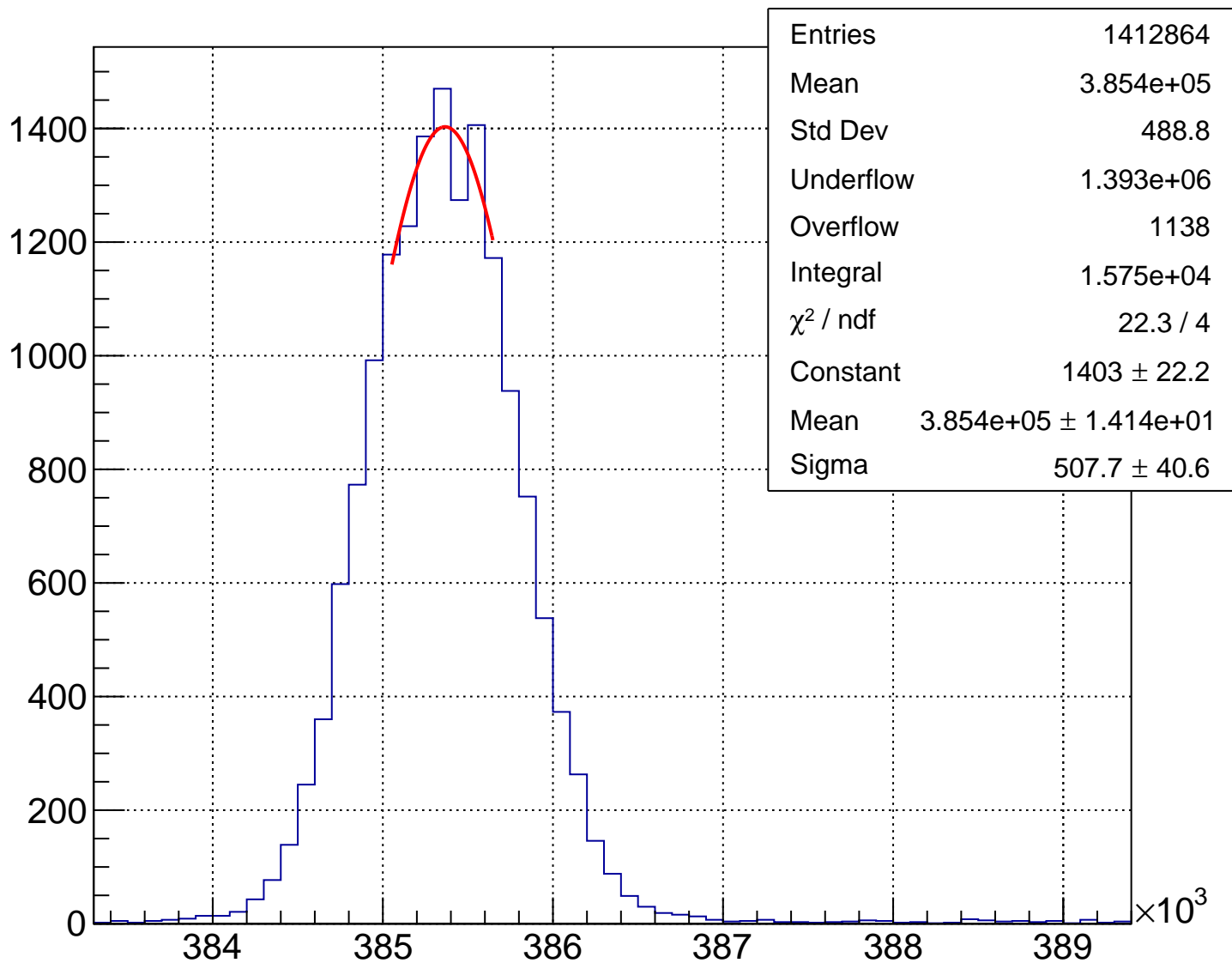




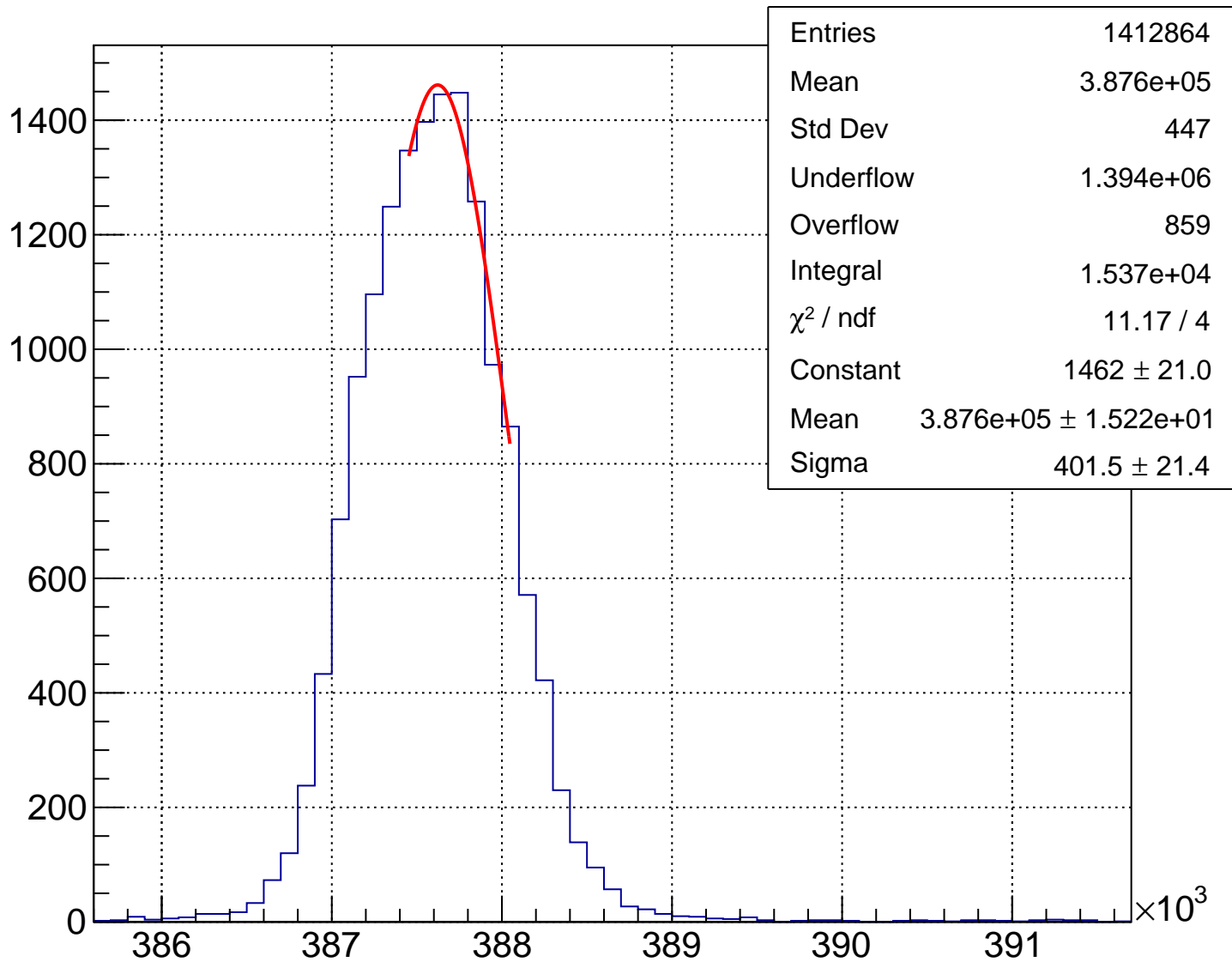
# BH1\_7UT



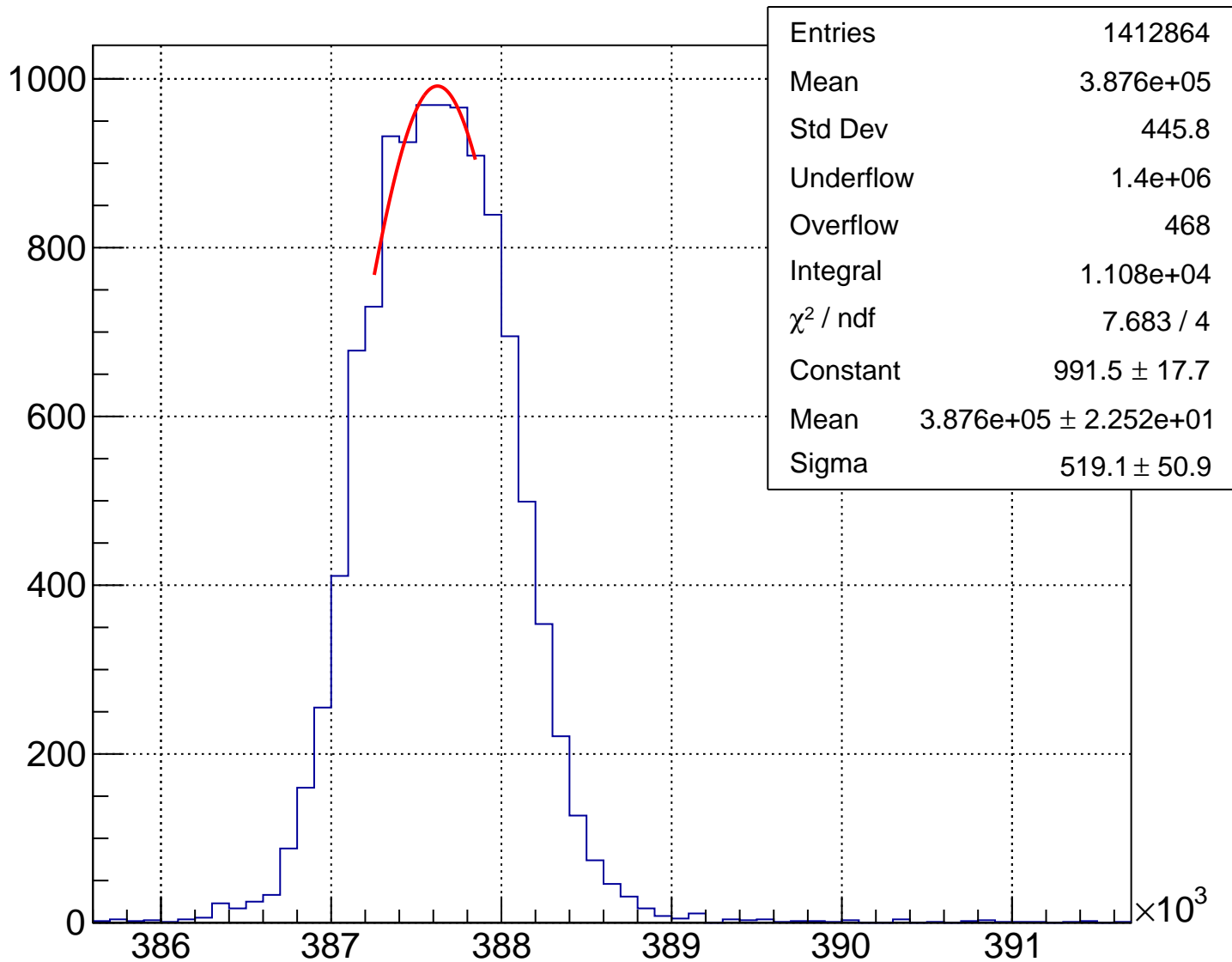
# BH1\_8UT



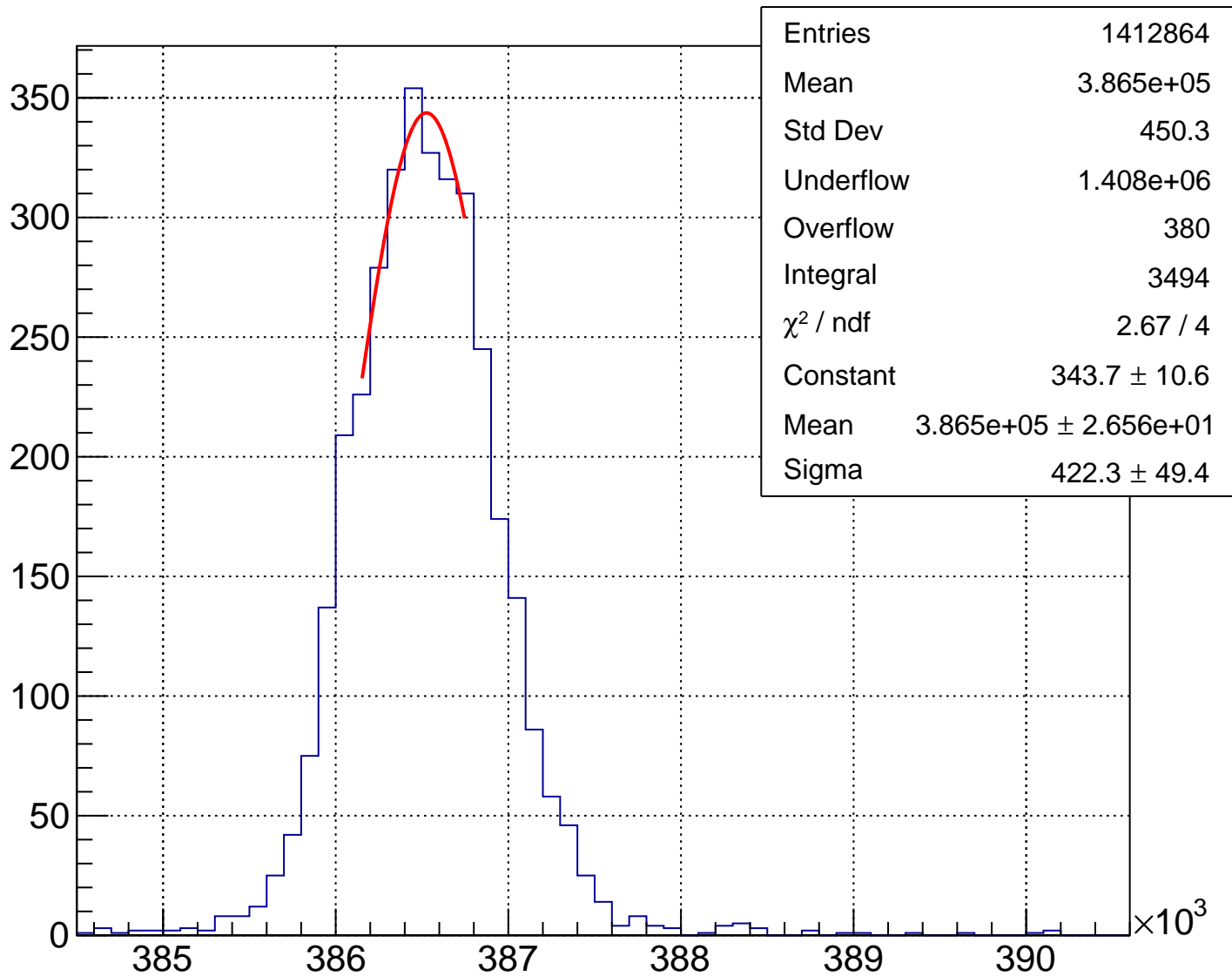
# BH1\_9UT



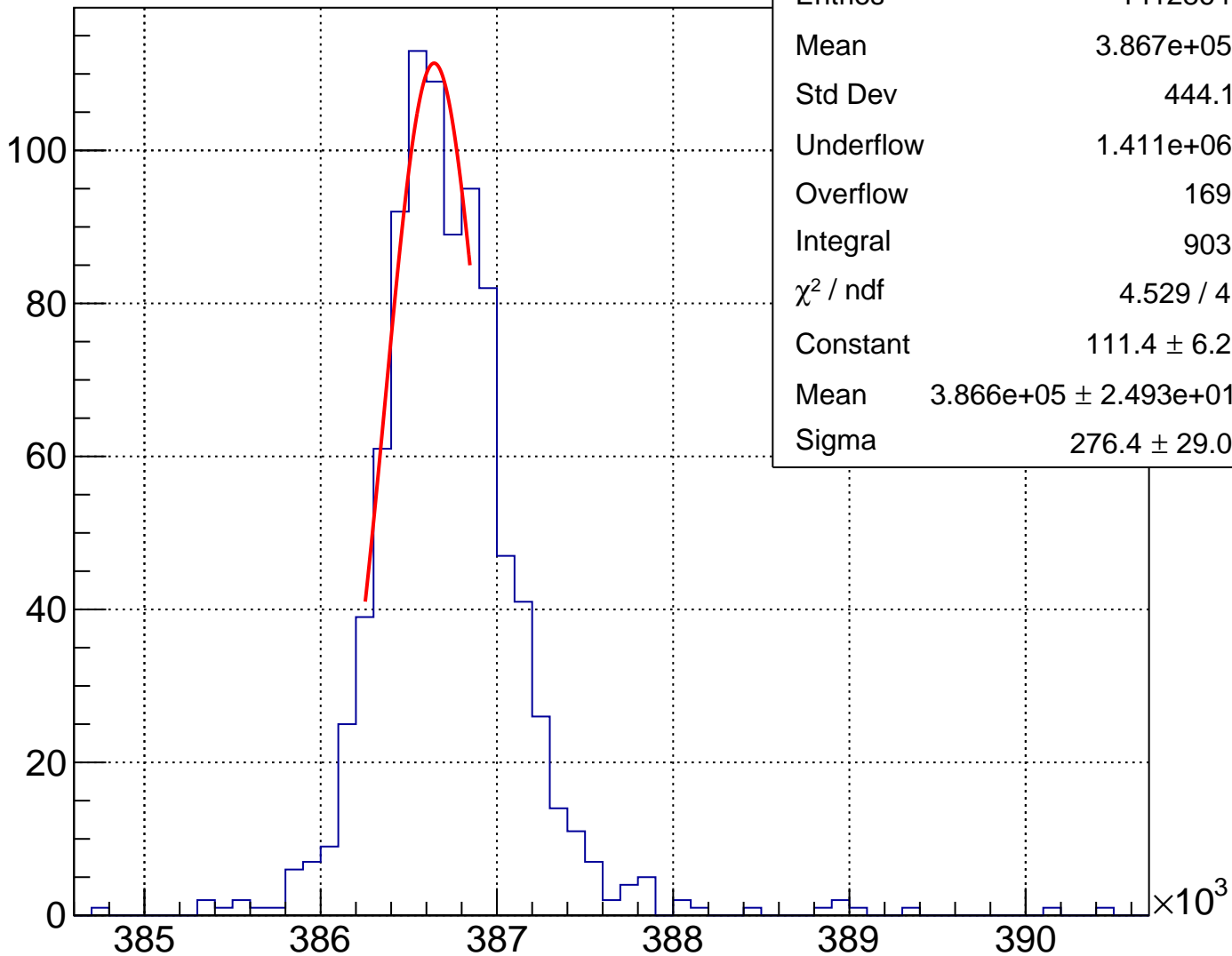
# BH1\_10UT



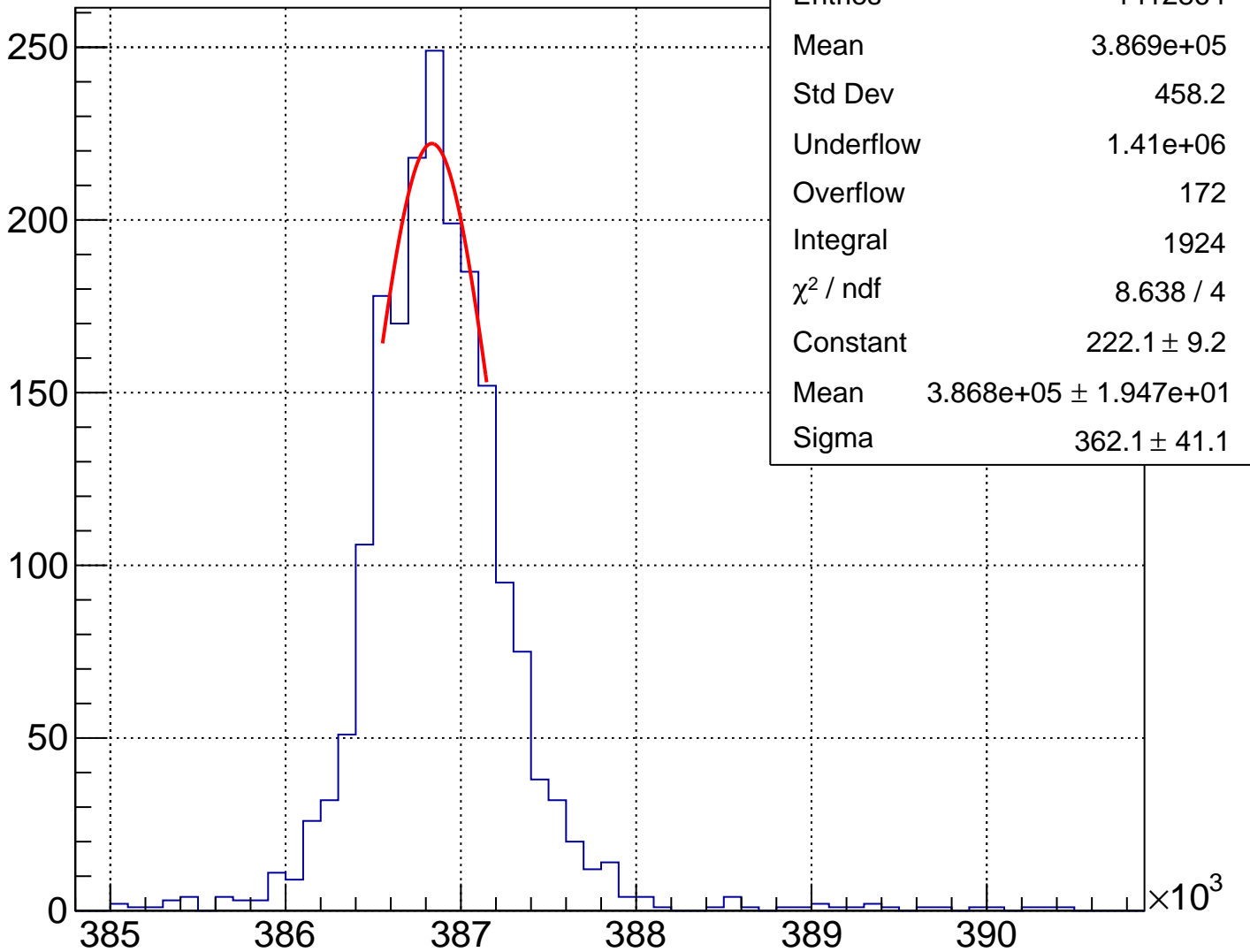
# BH1\_11UT



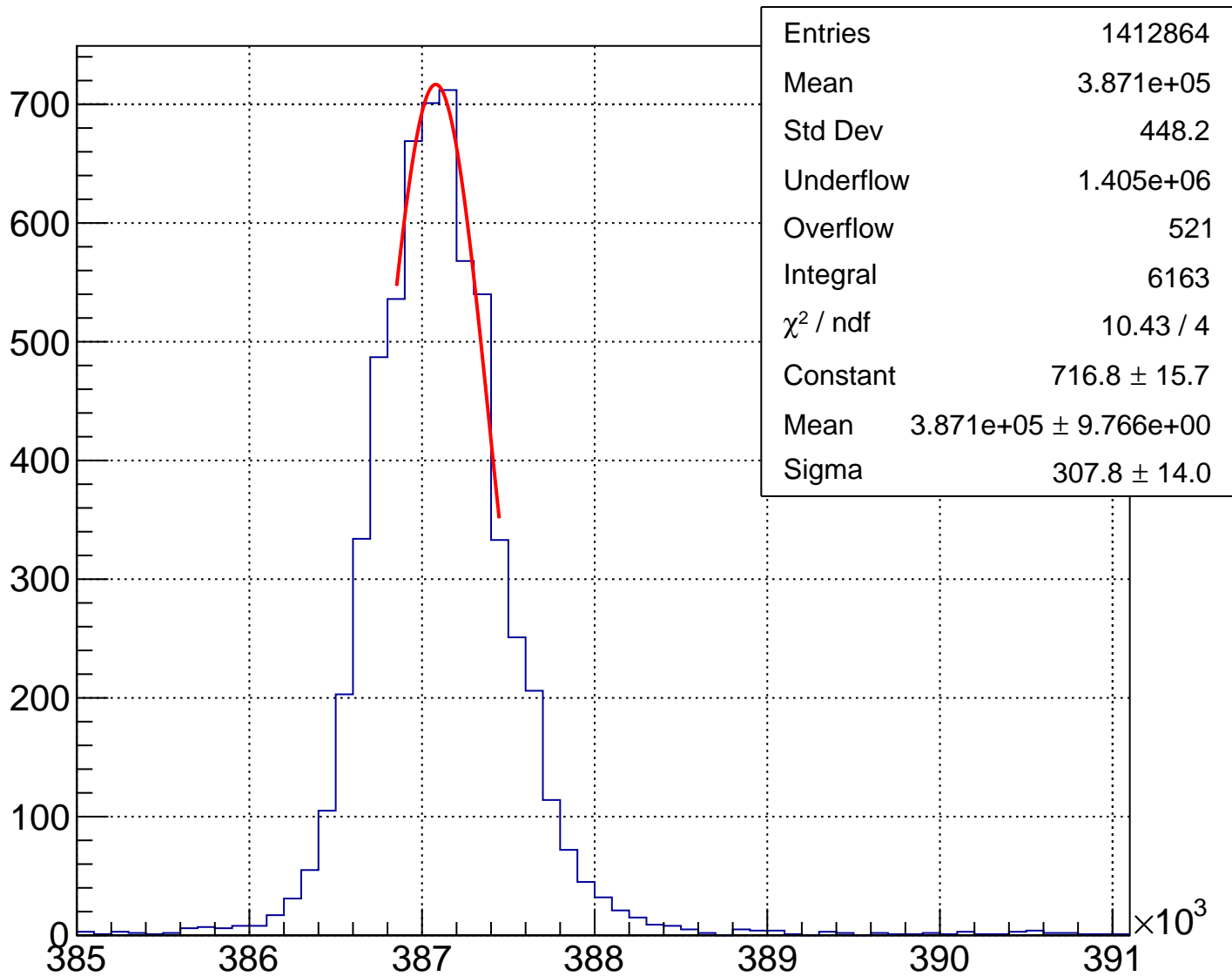
# BH1\_1DT



# BH1\_2DT

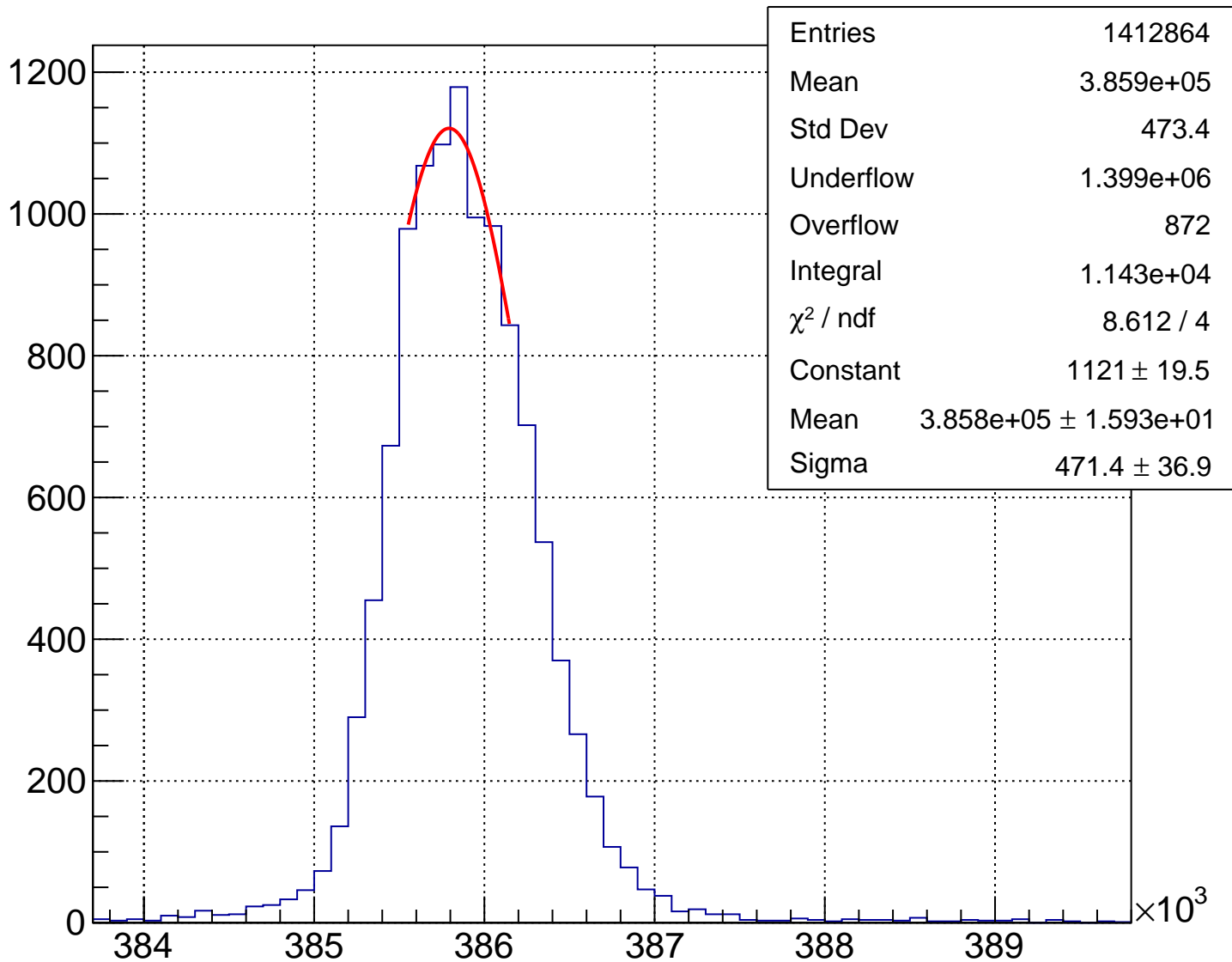


# BH1\_3DT

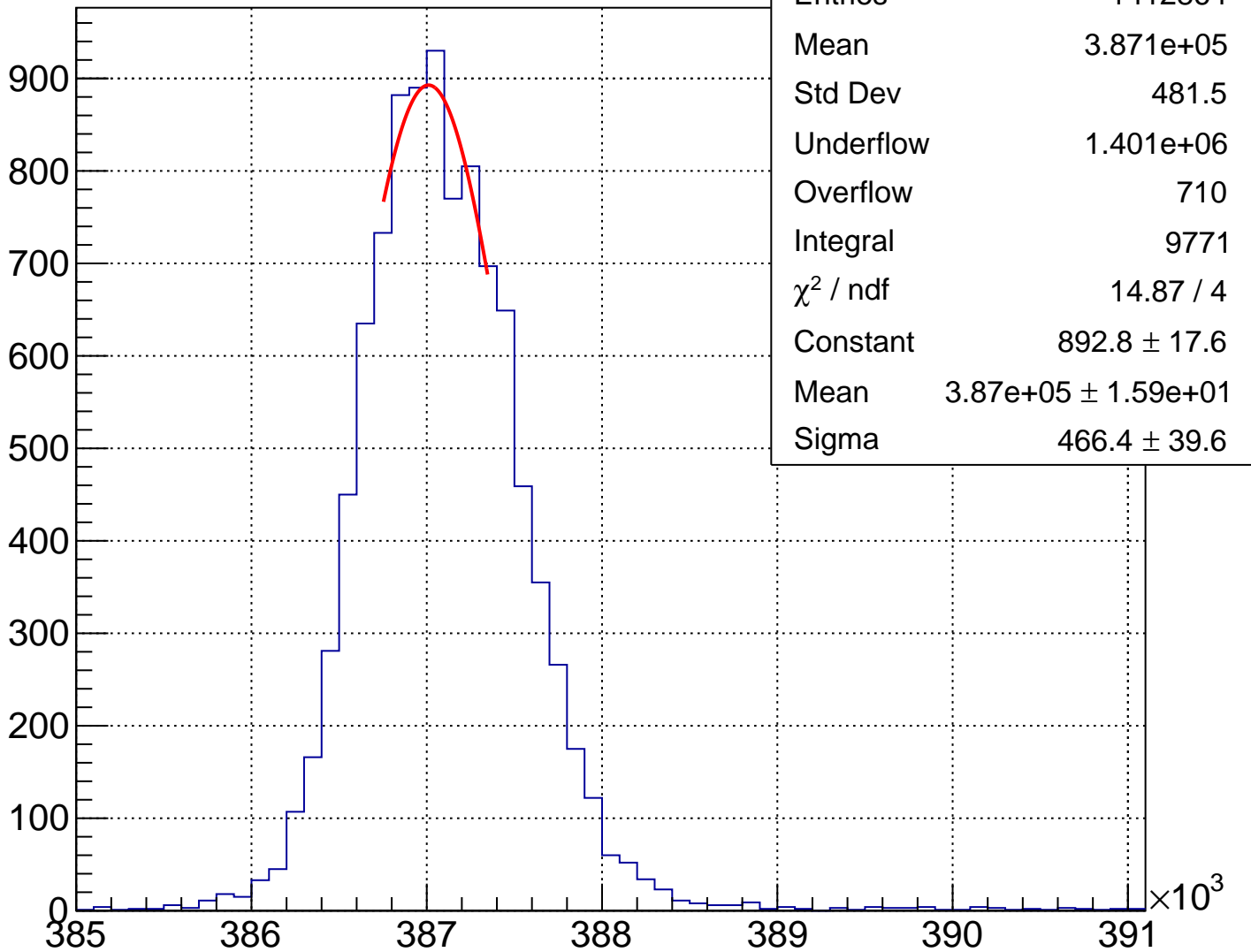




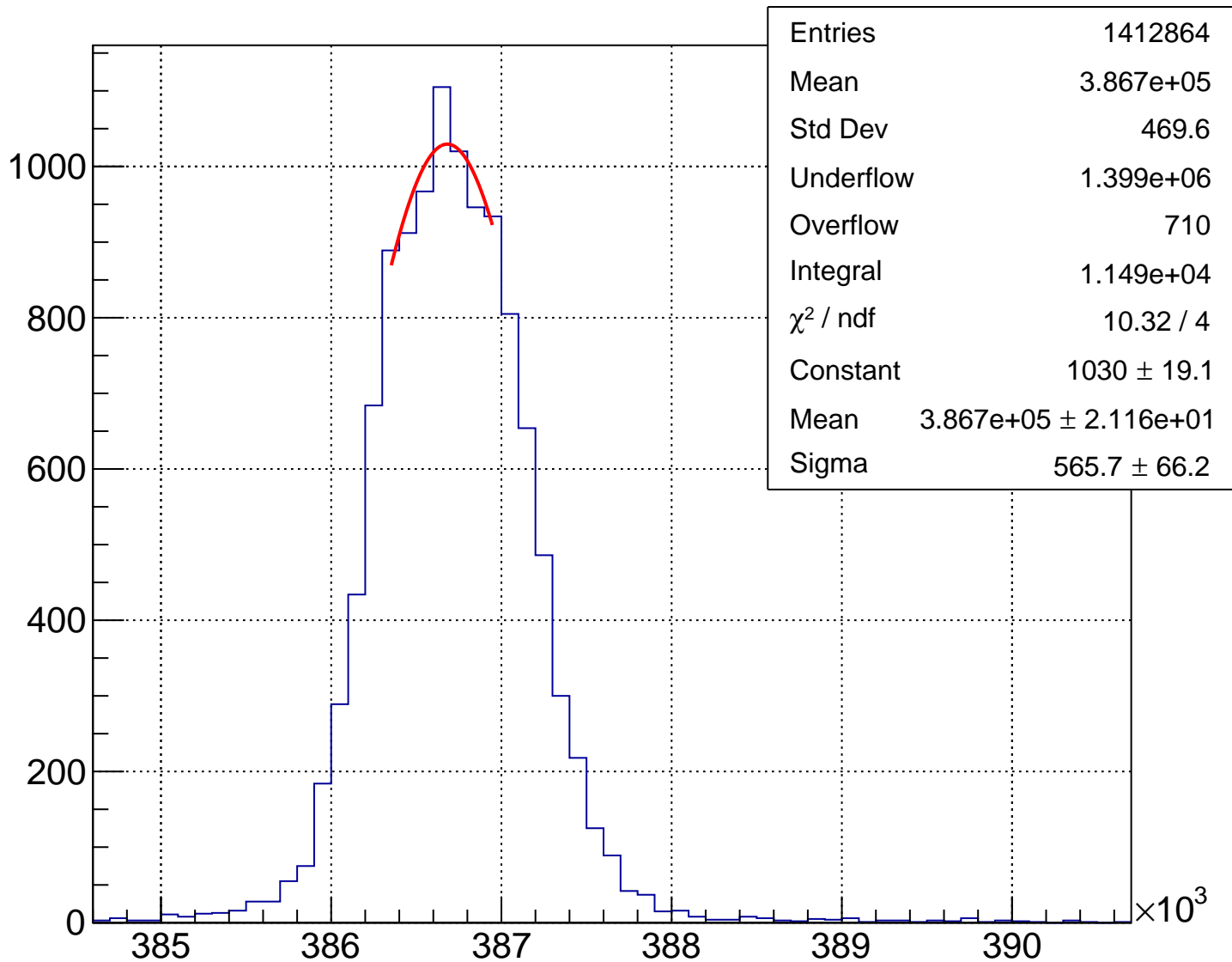
# BH1\_4DT



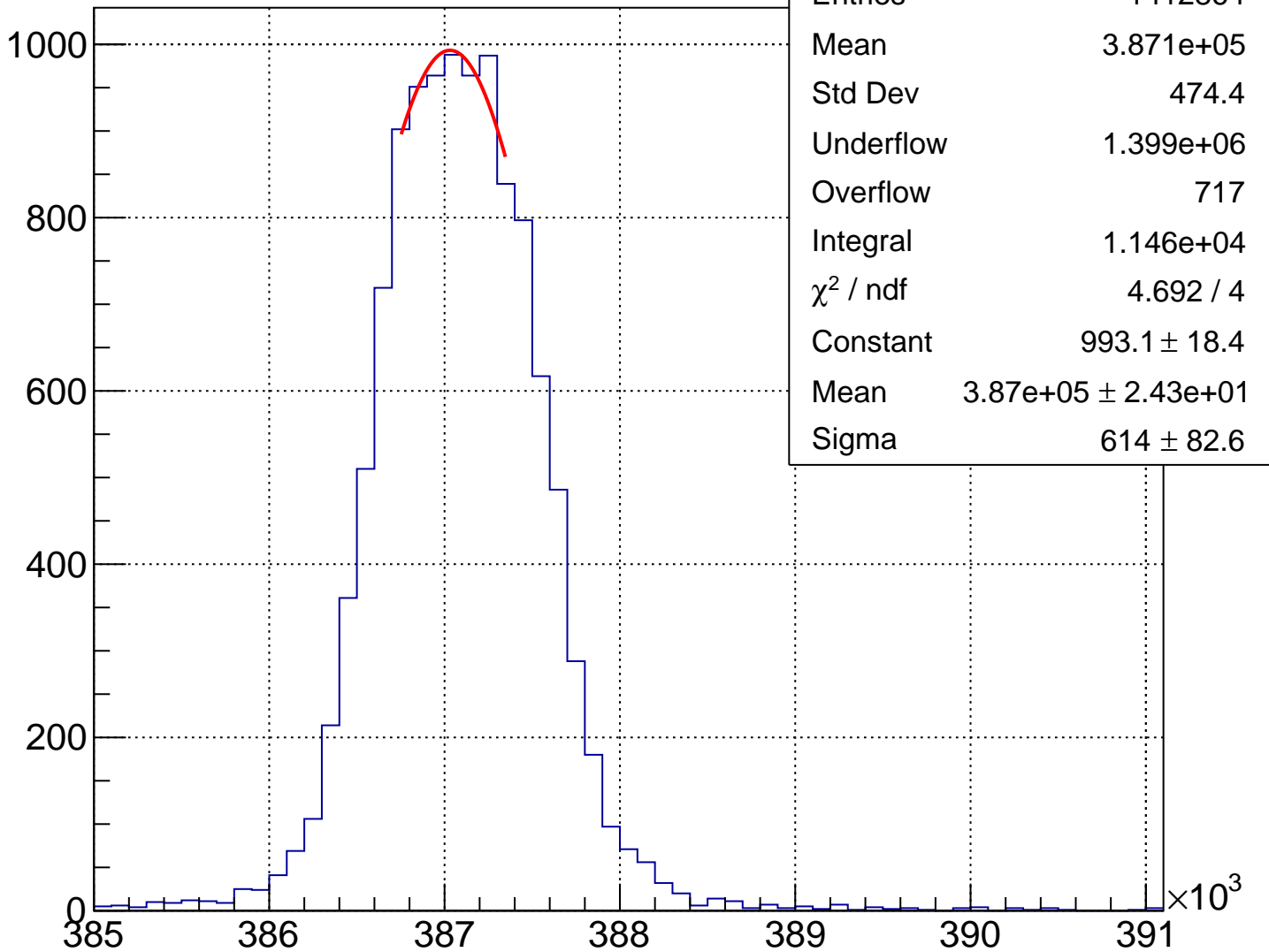
# BH1\_5DT



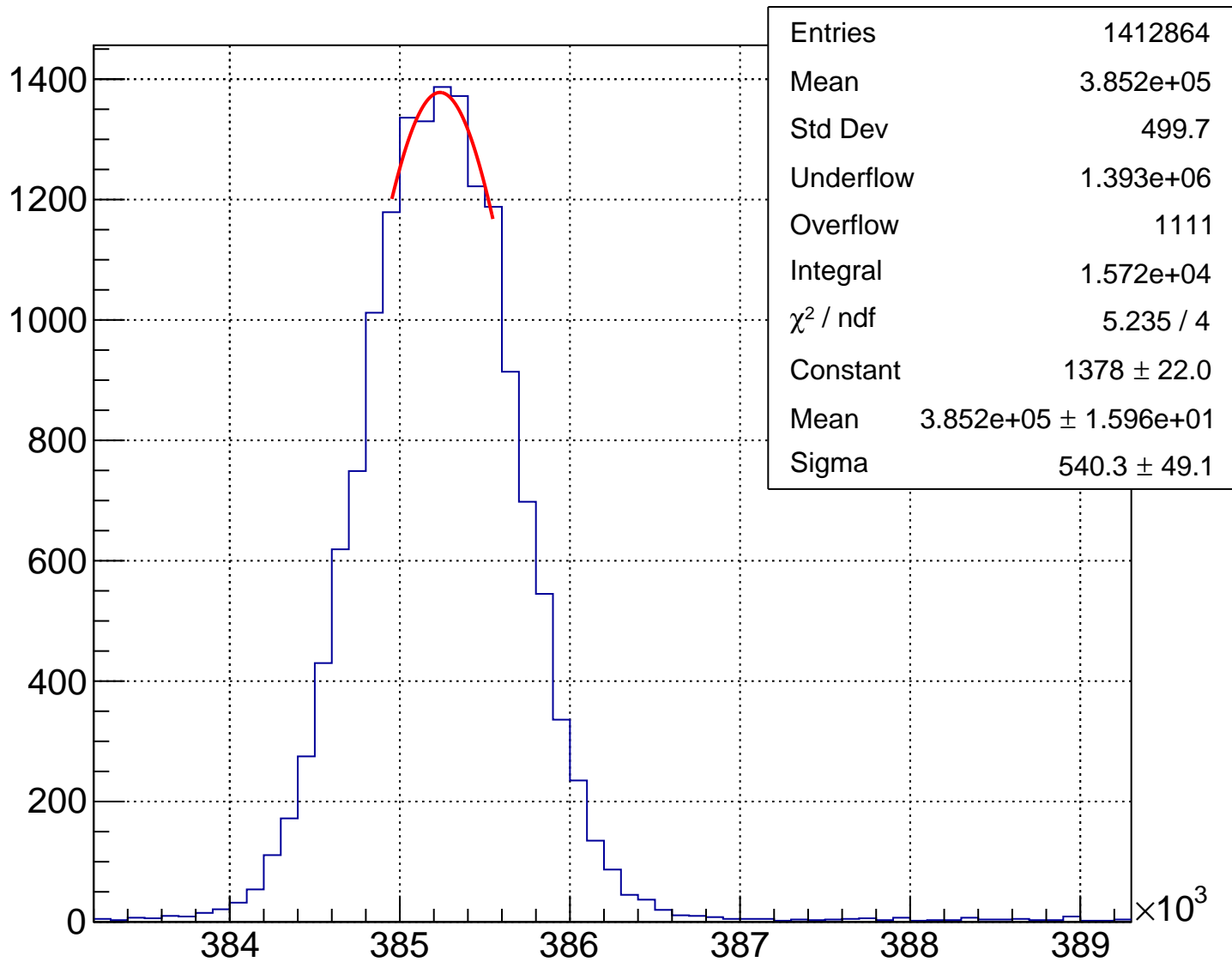
# BH1\_6DT



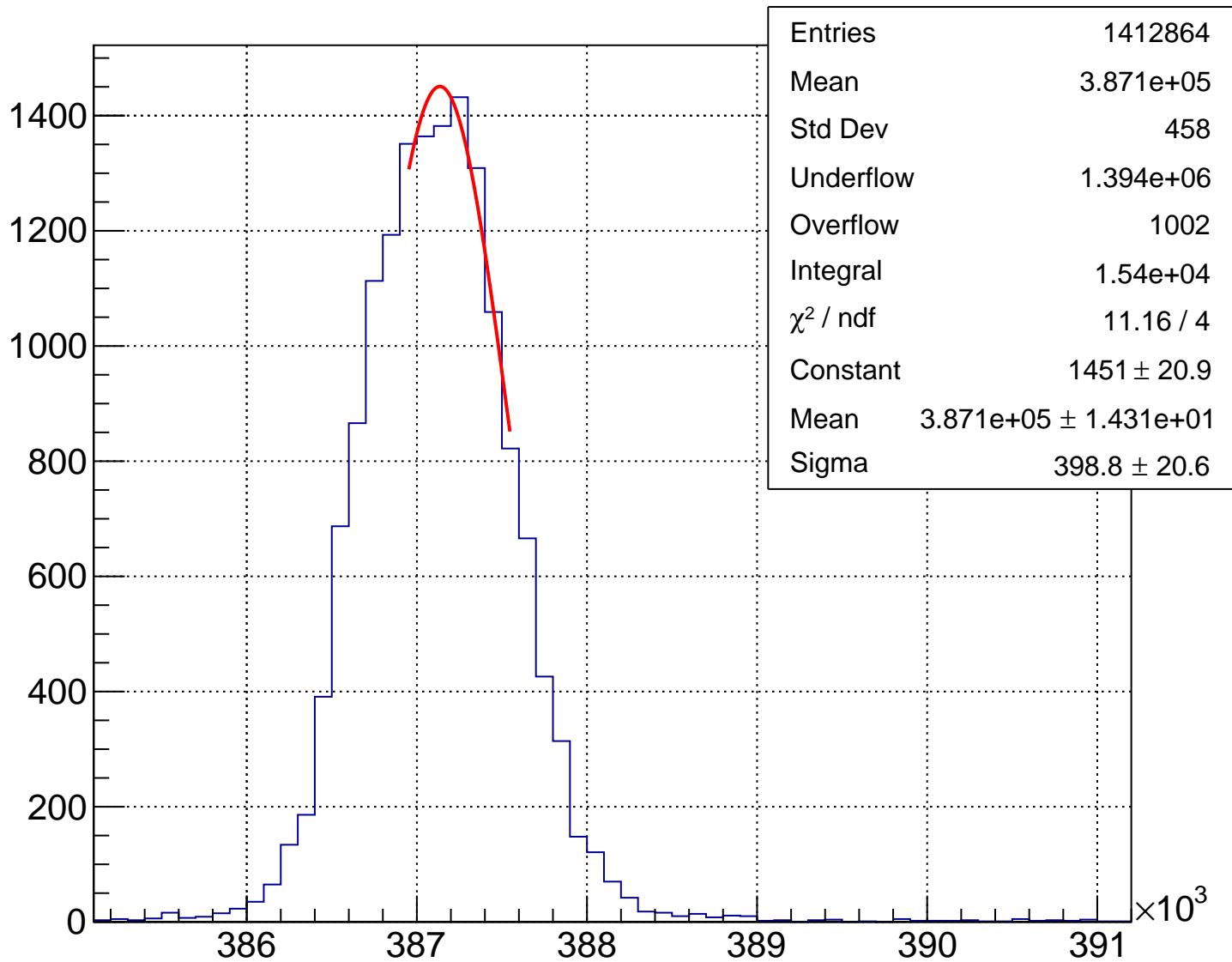
# BH1\_7DT



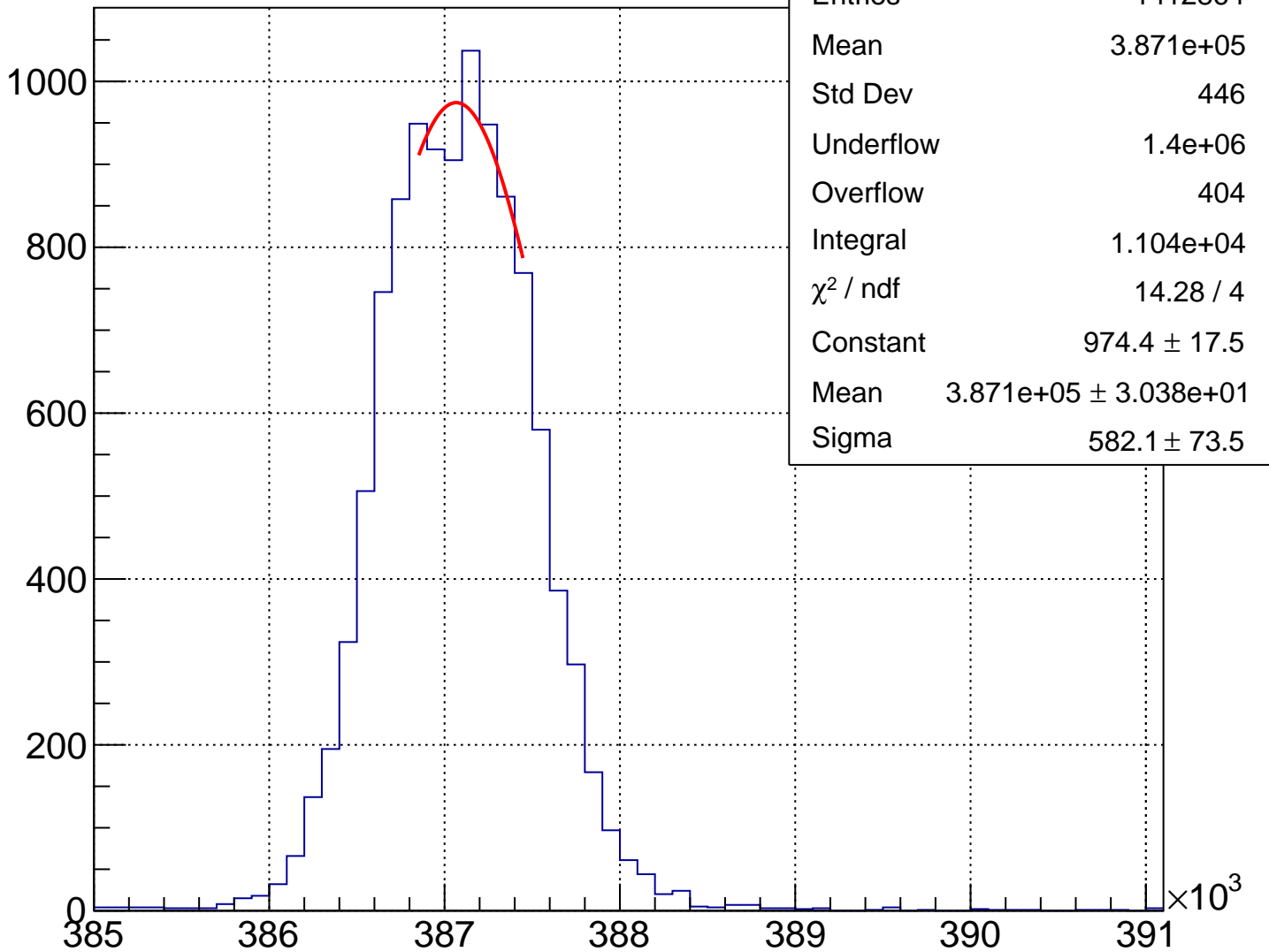
# BH1\_8DT



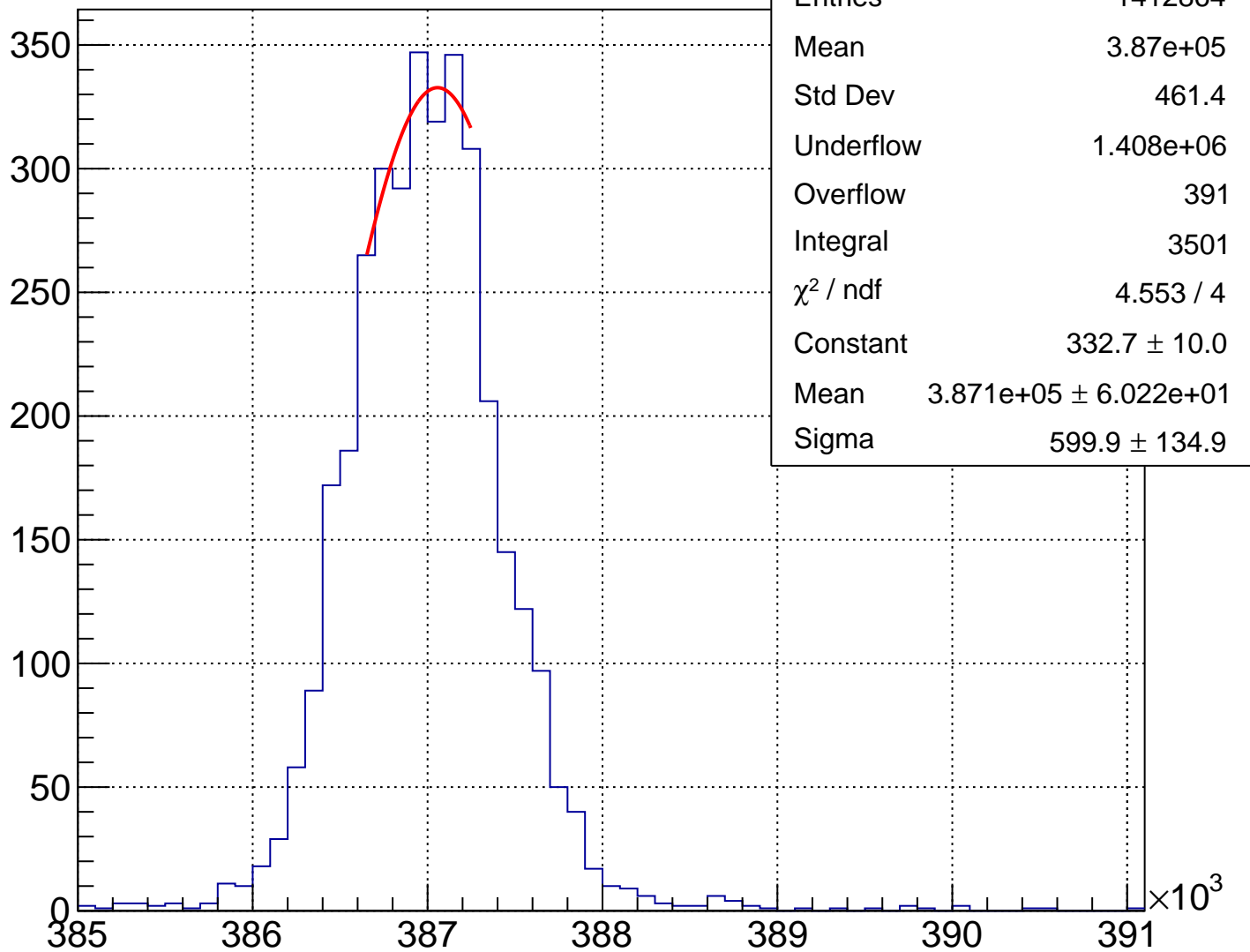
# BH1\_9DT



# BH1\_10DT

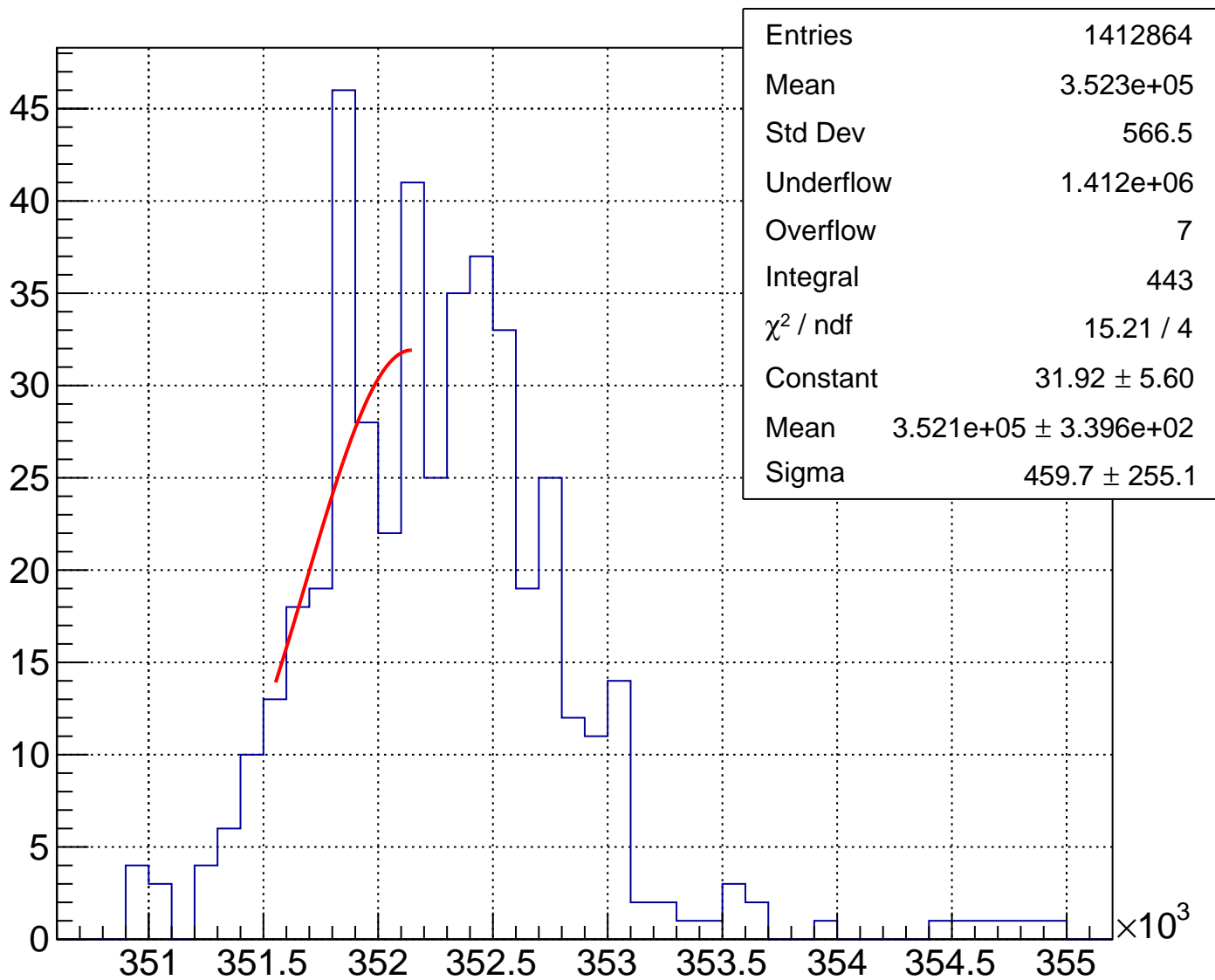


# BH1\_11DT

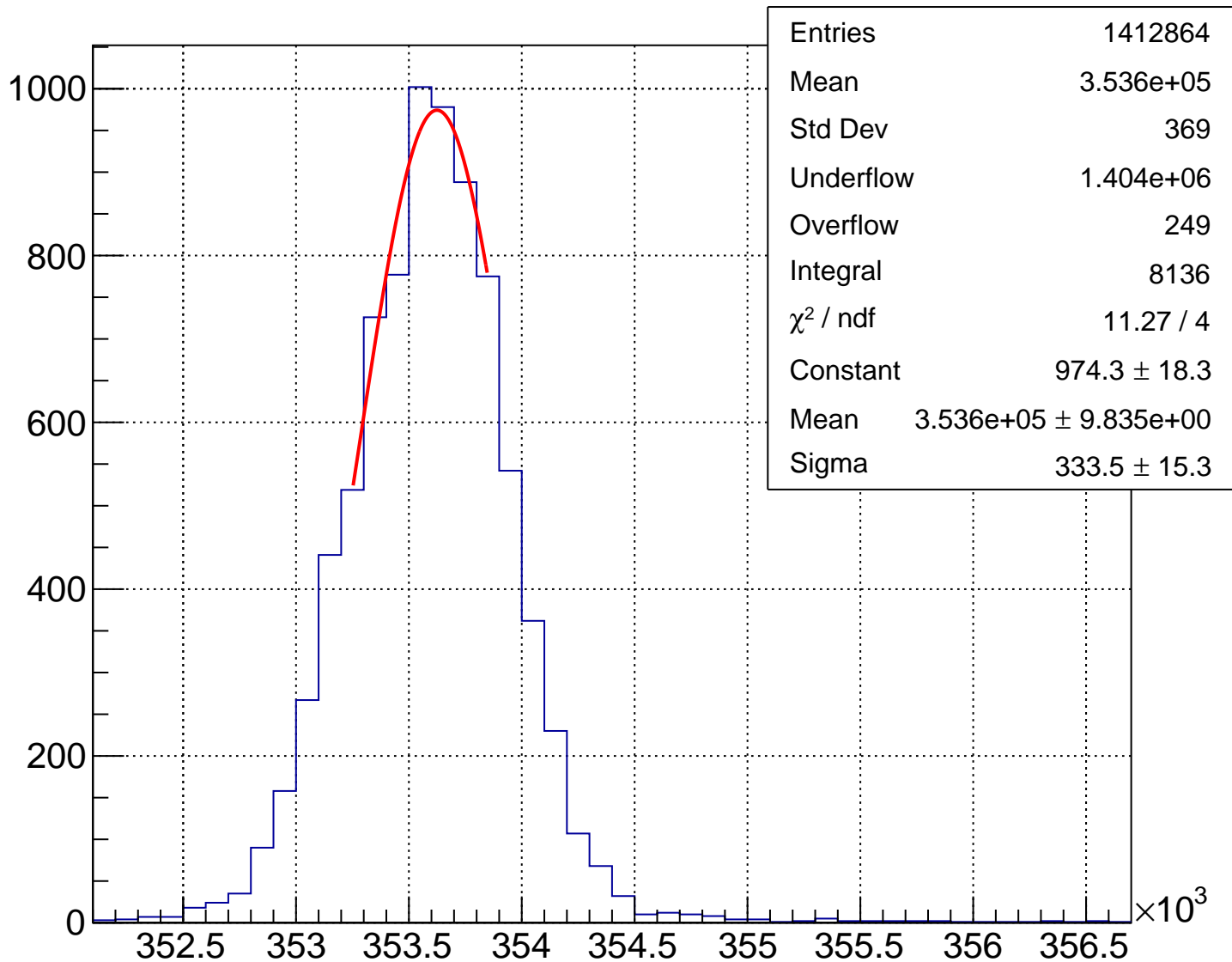




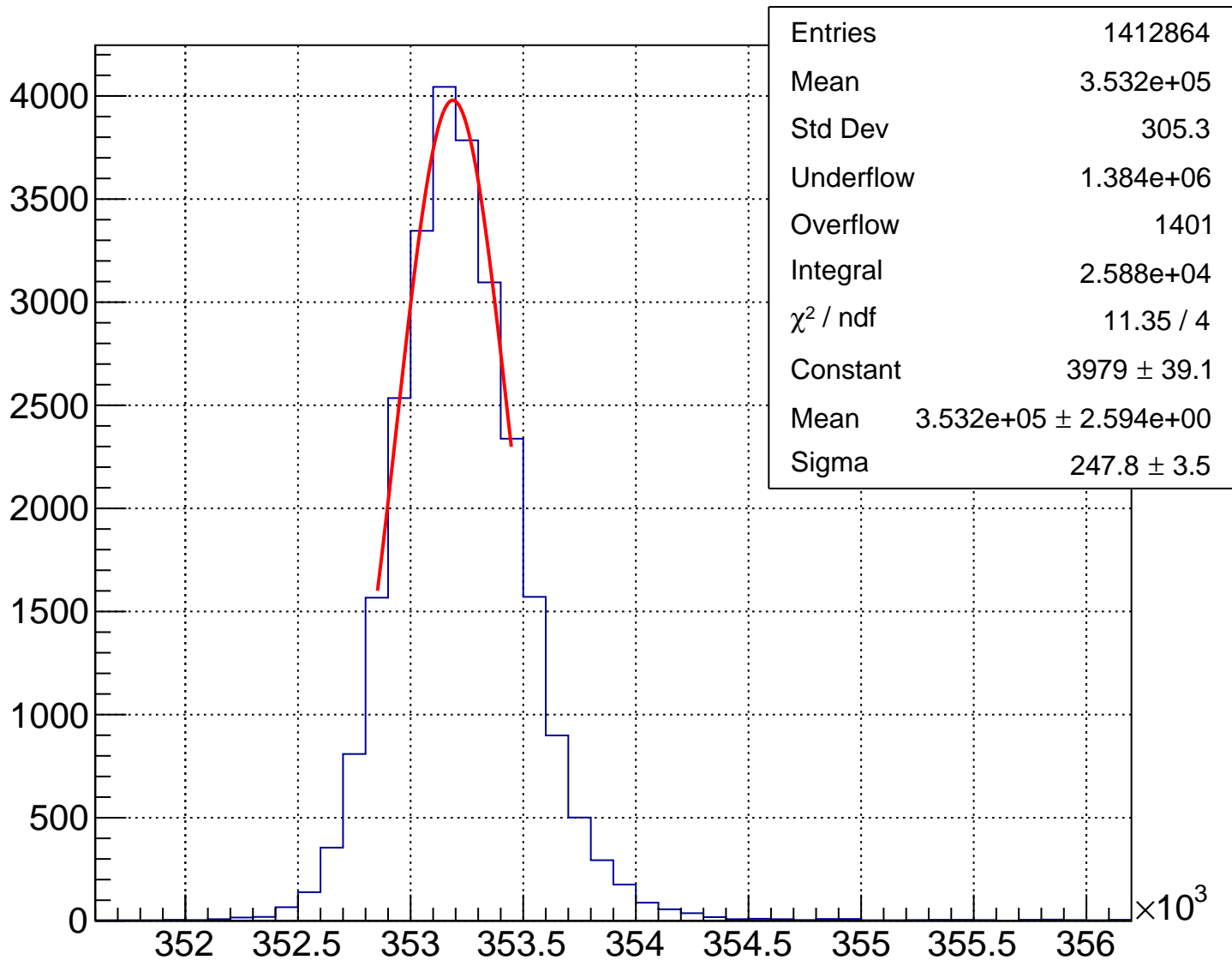
# BH2\_1UT



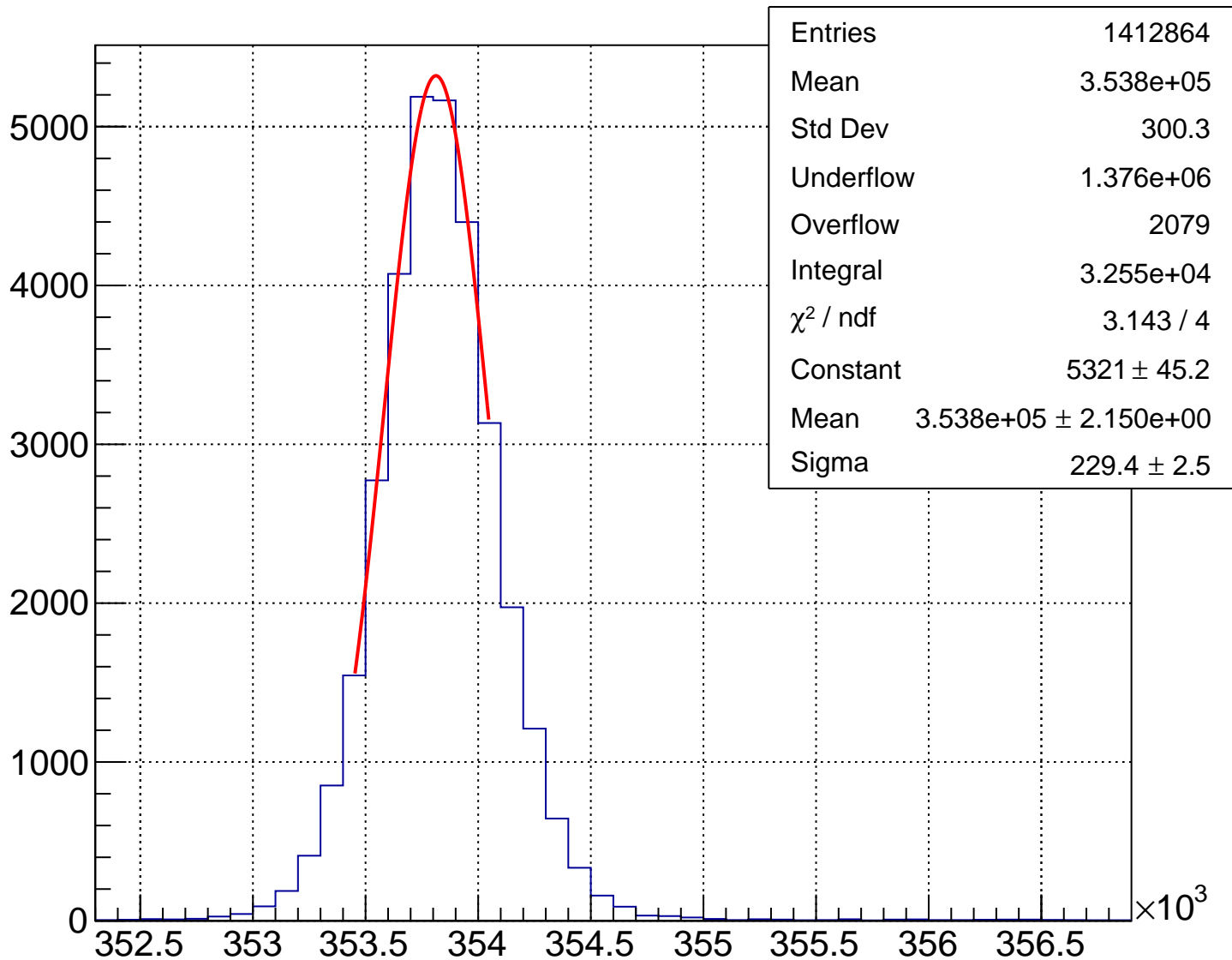
# BH2\_2UT



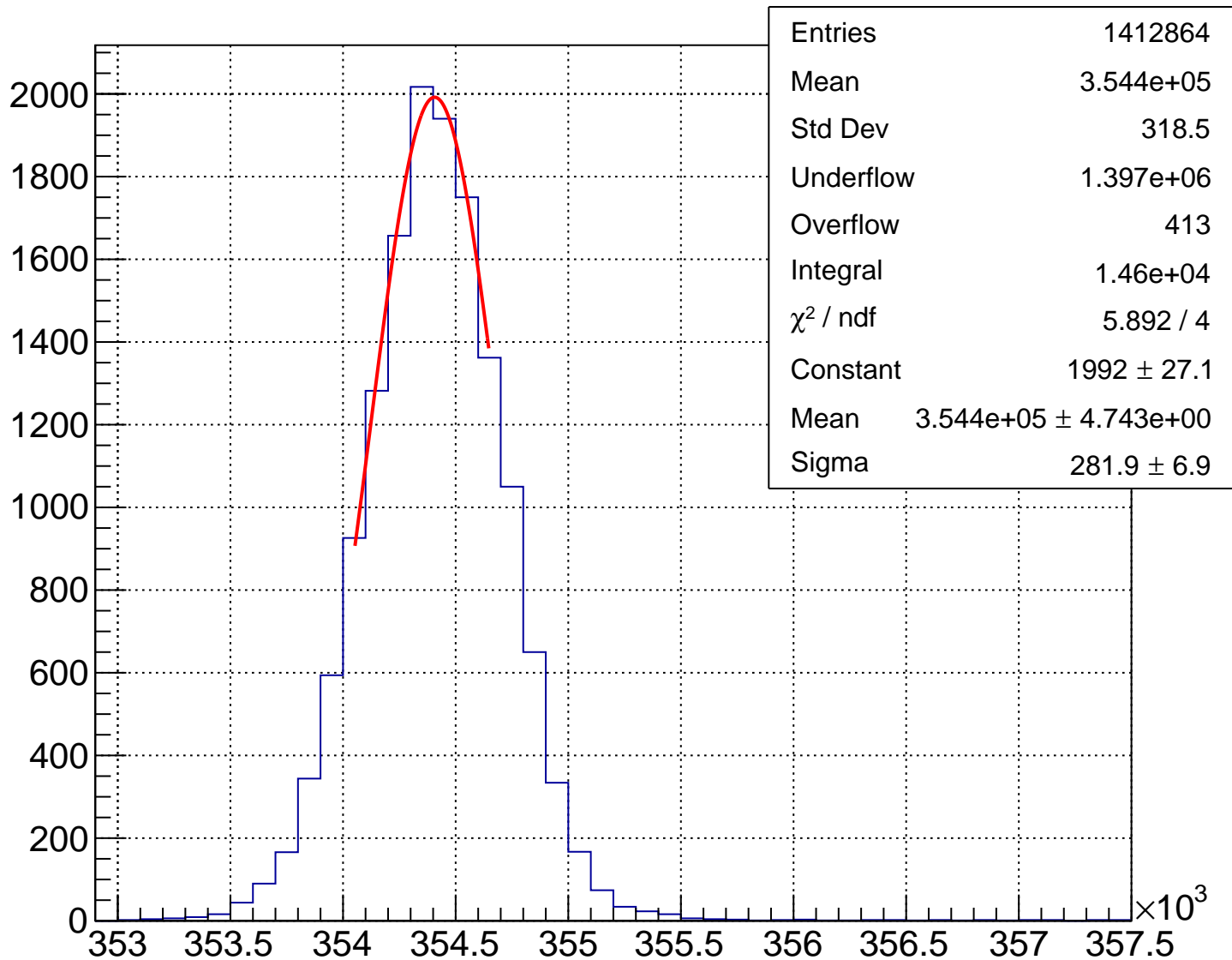
# BH2\_3UT



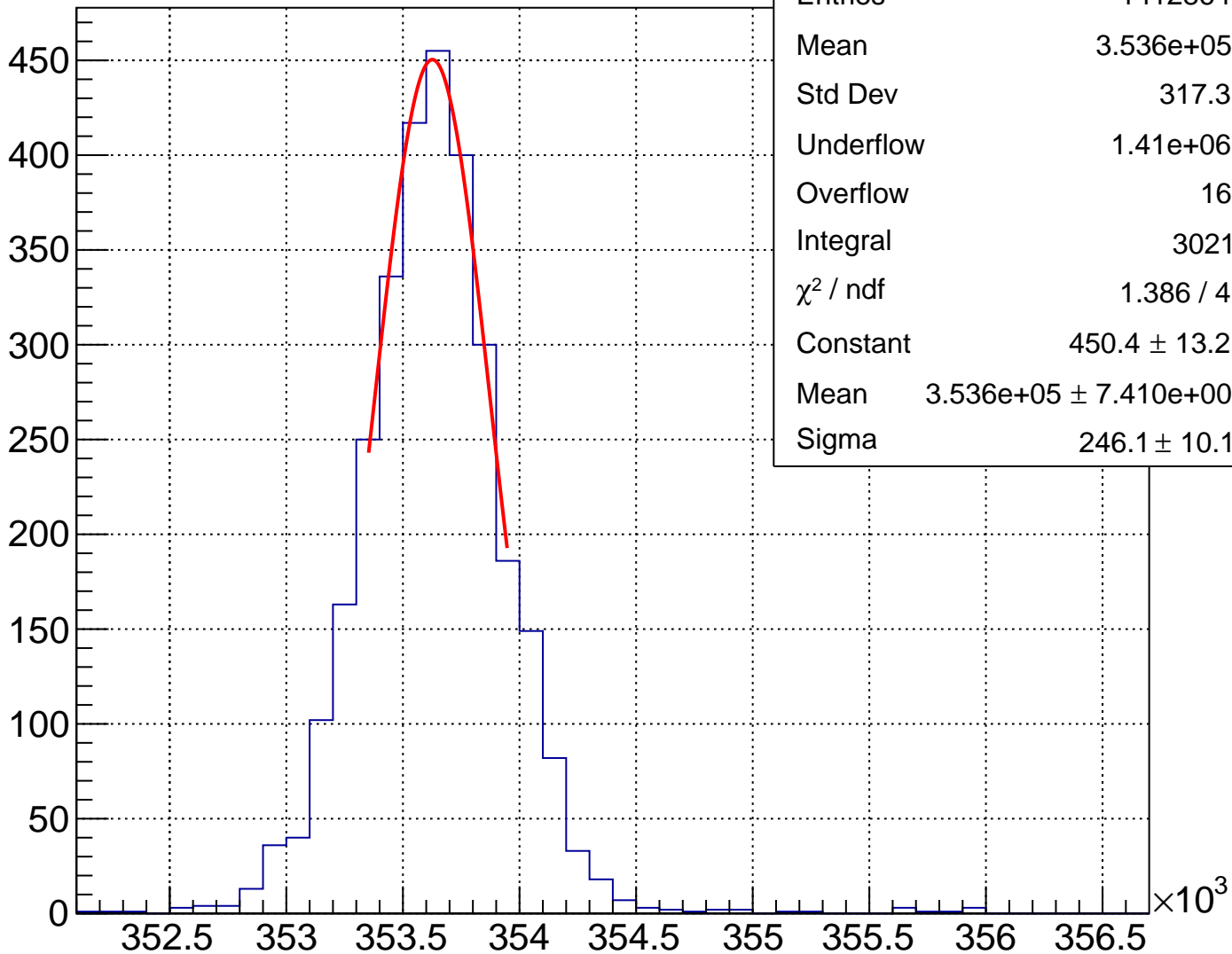
# BH2\_4UT



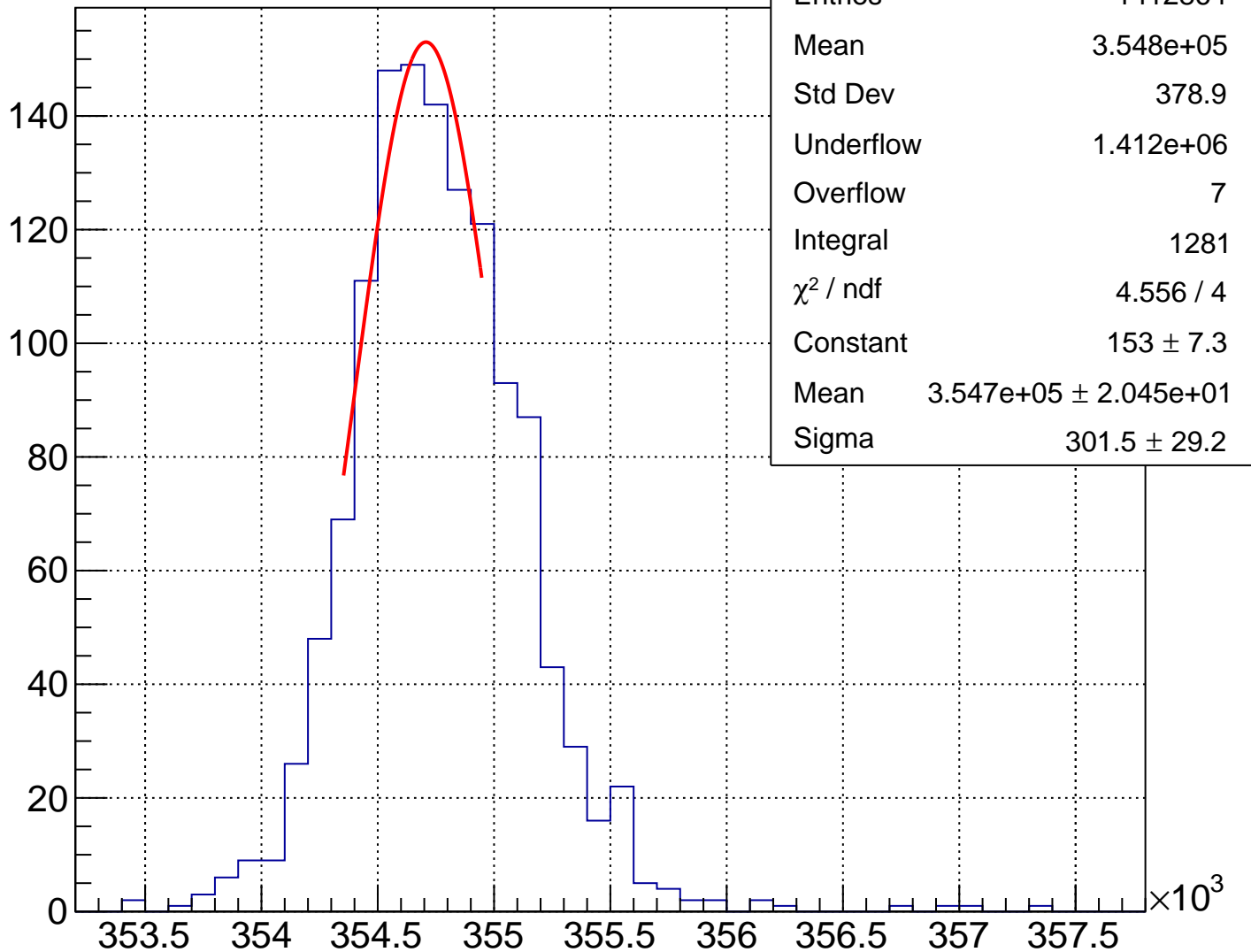
# BH2\_5UT



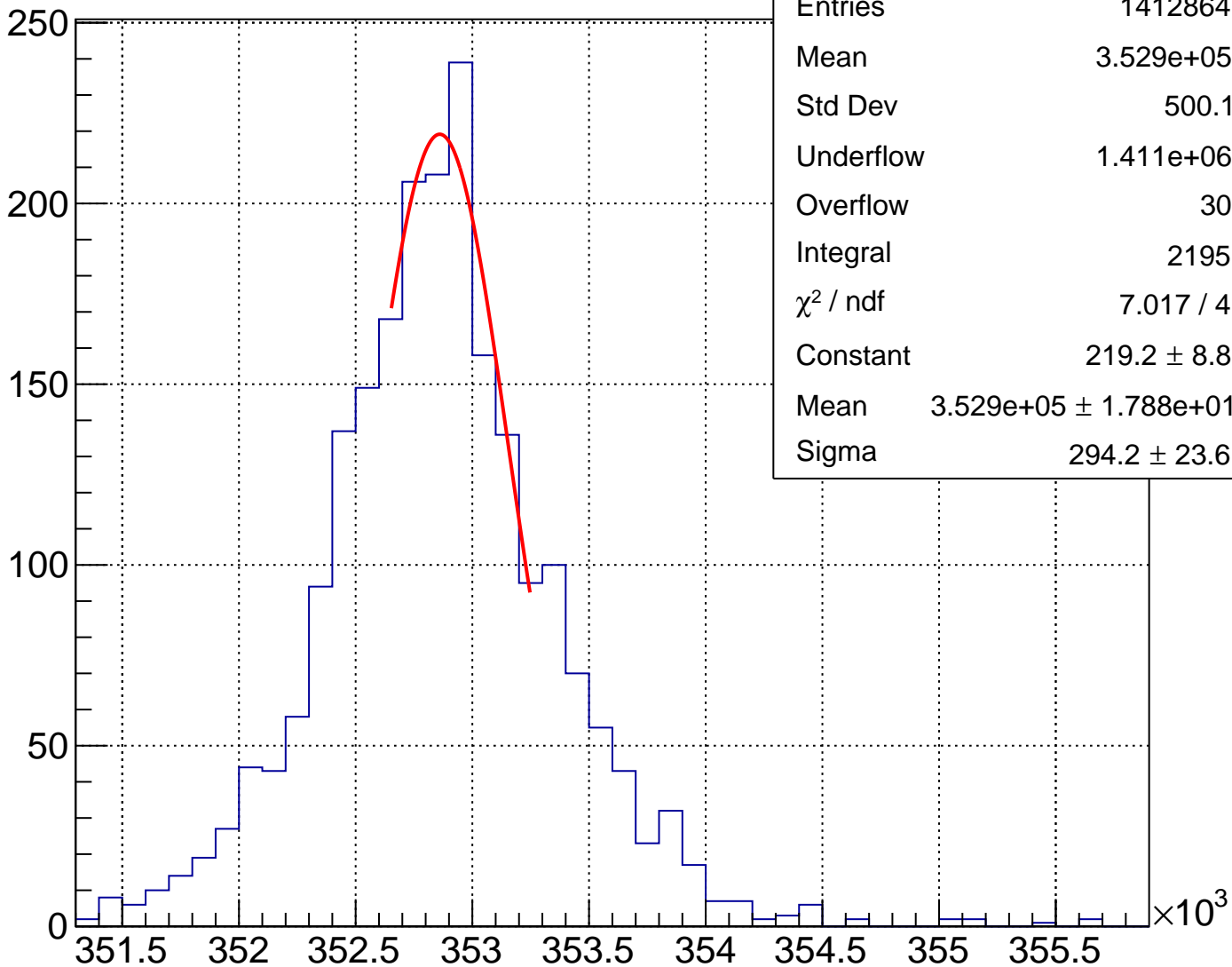
# BH2\_6UT



# BH2\_7UT

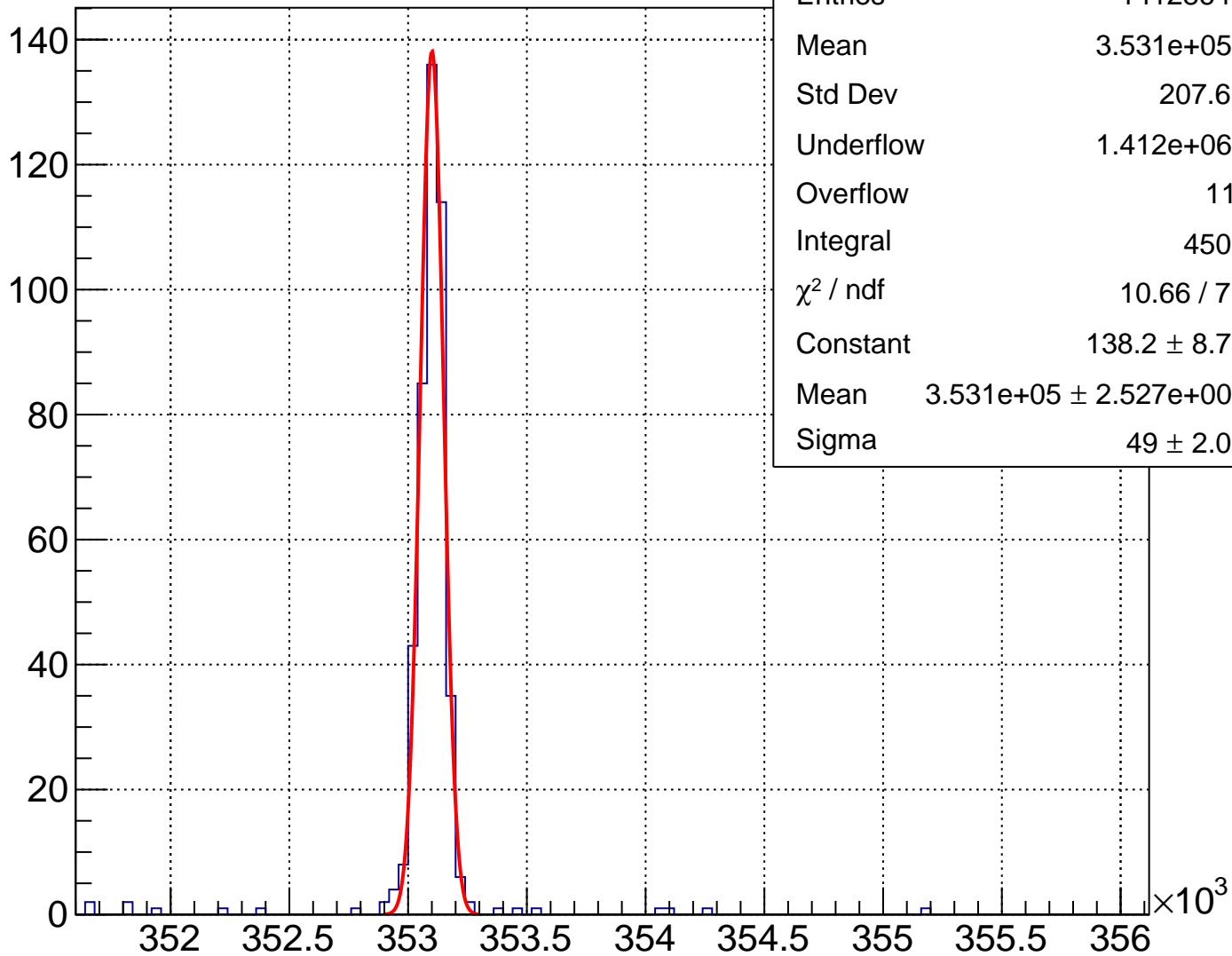


# BH2\_8UT

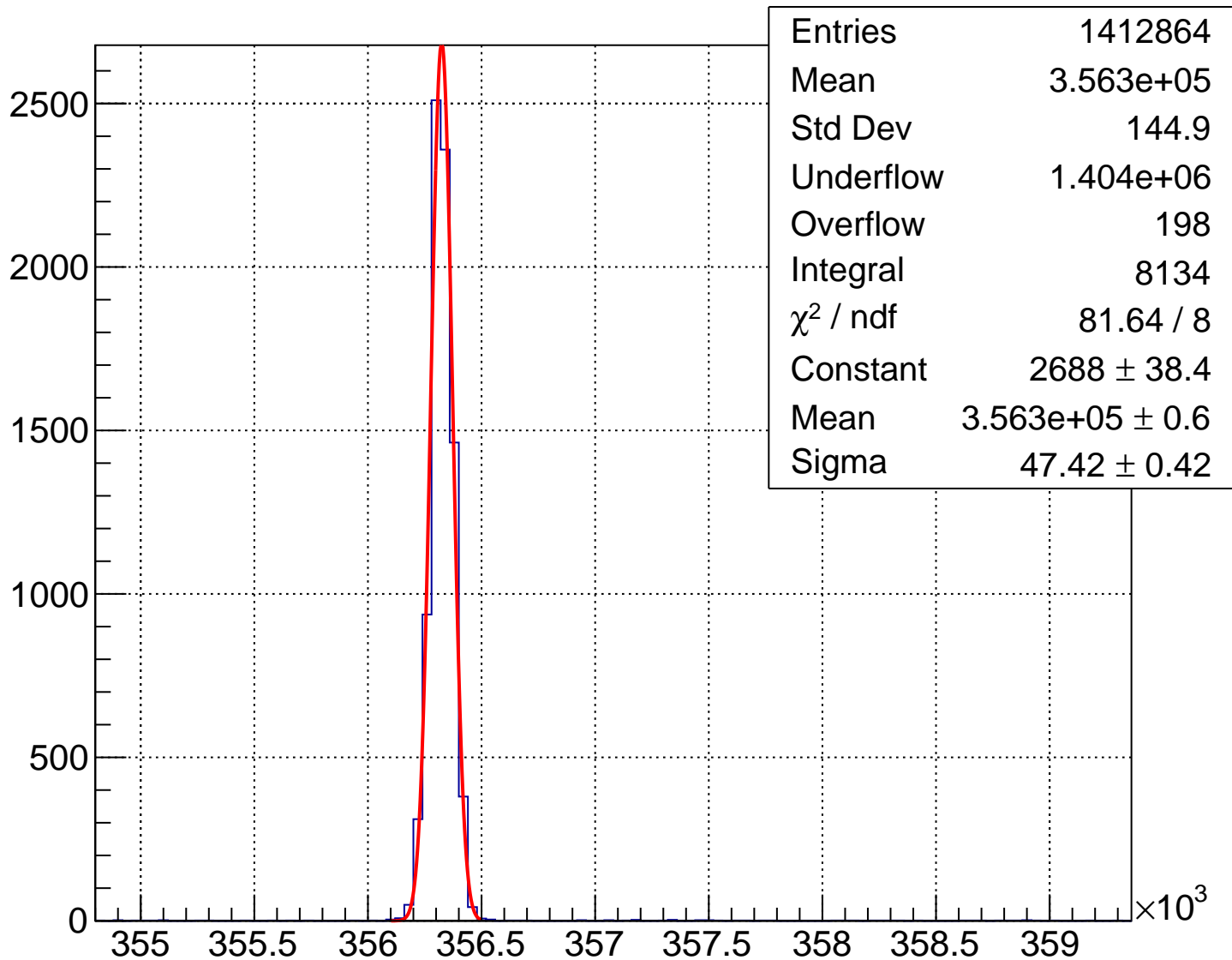




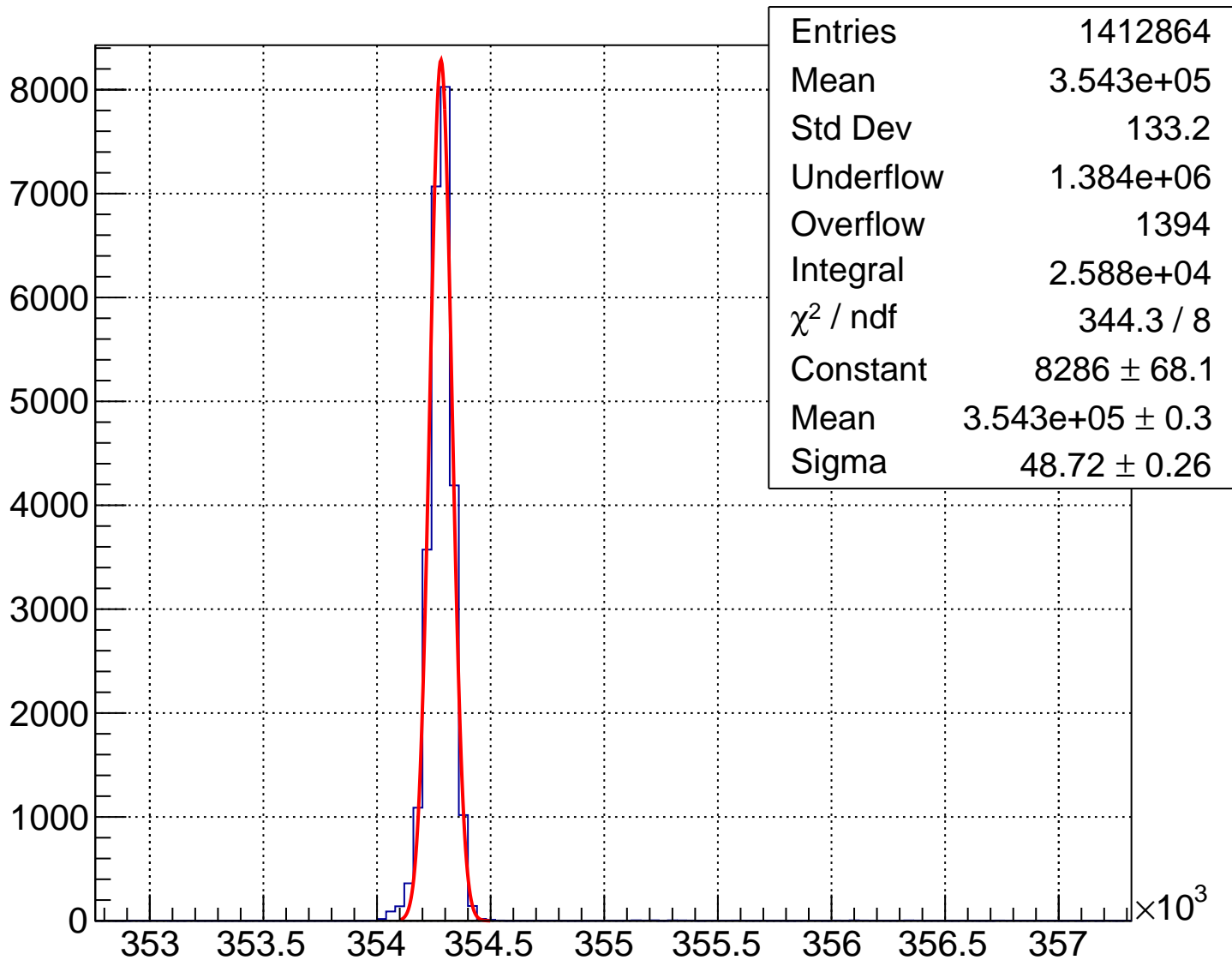
# BH2\_1DT



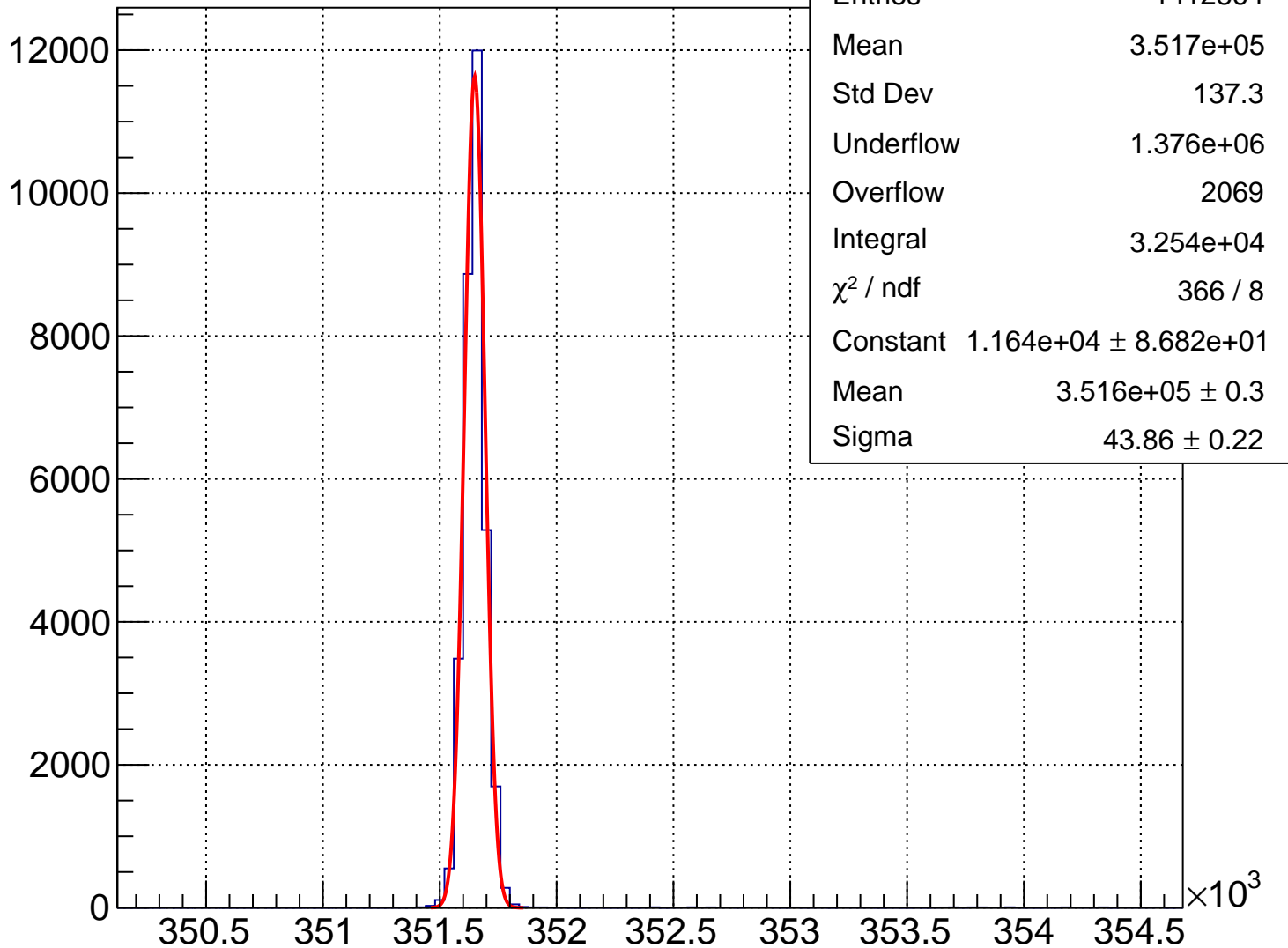
# BH2\_2DT



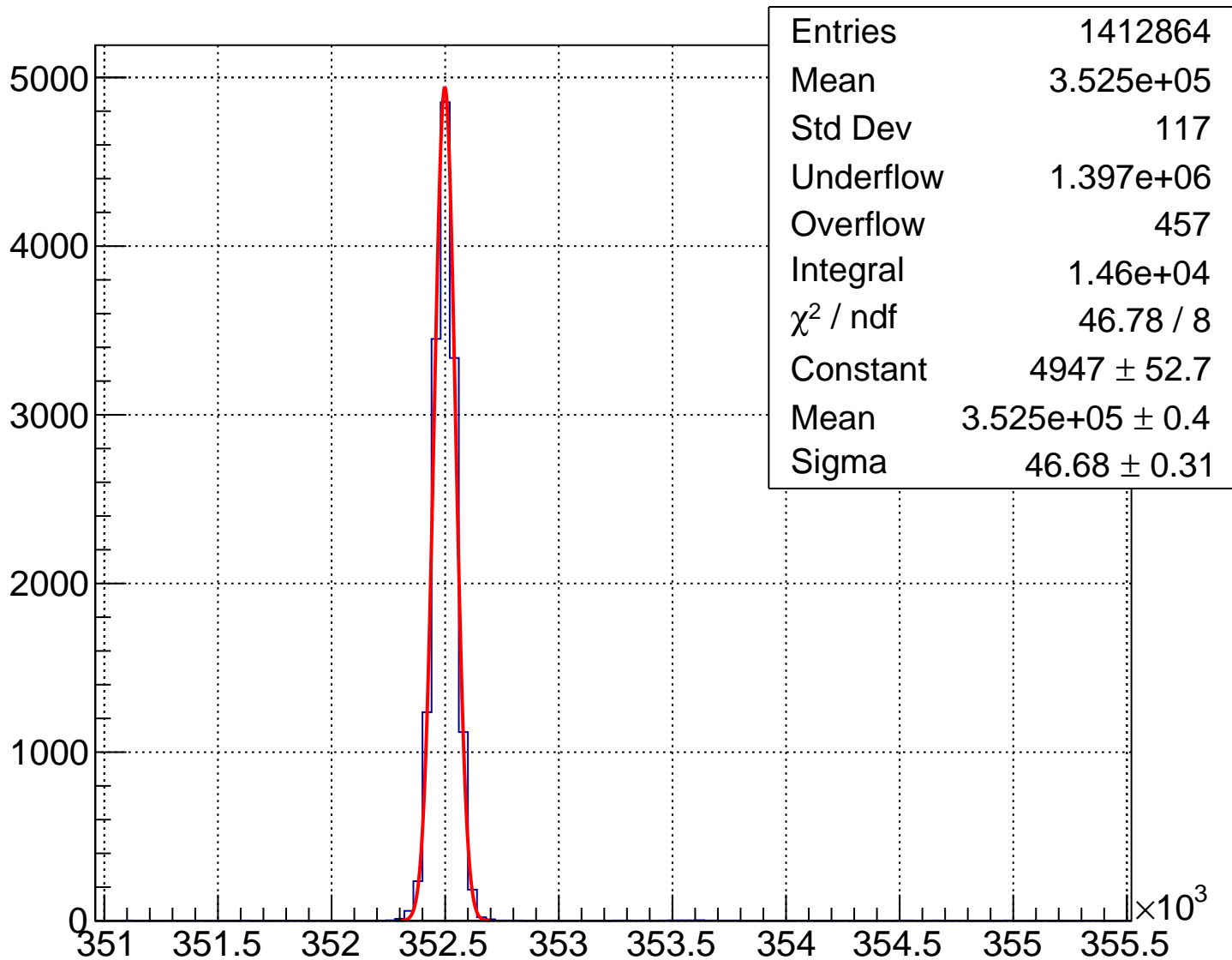
# BH2\_3DT



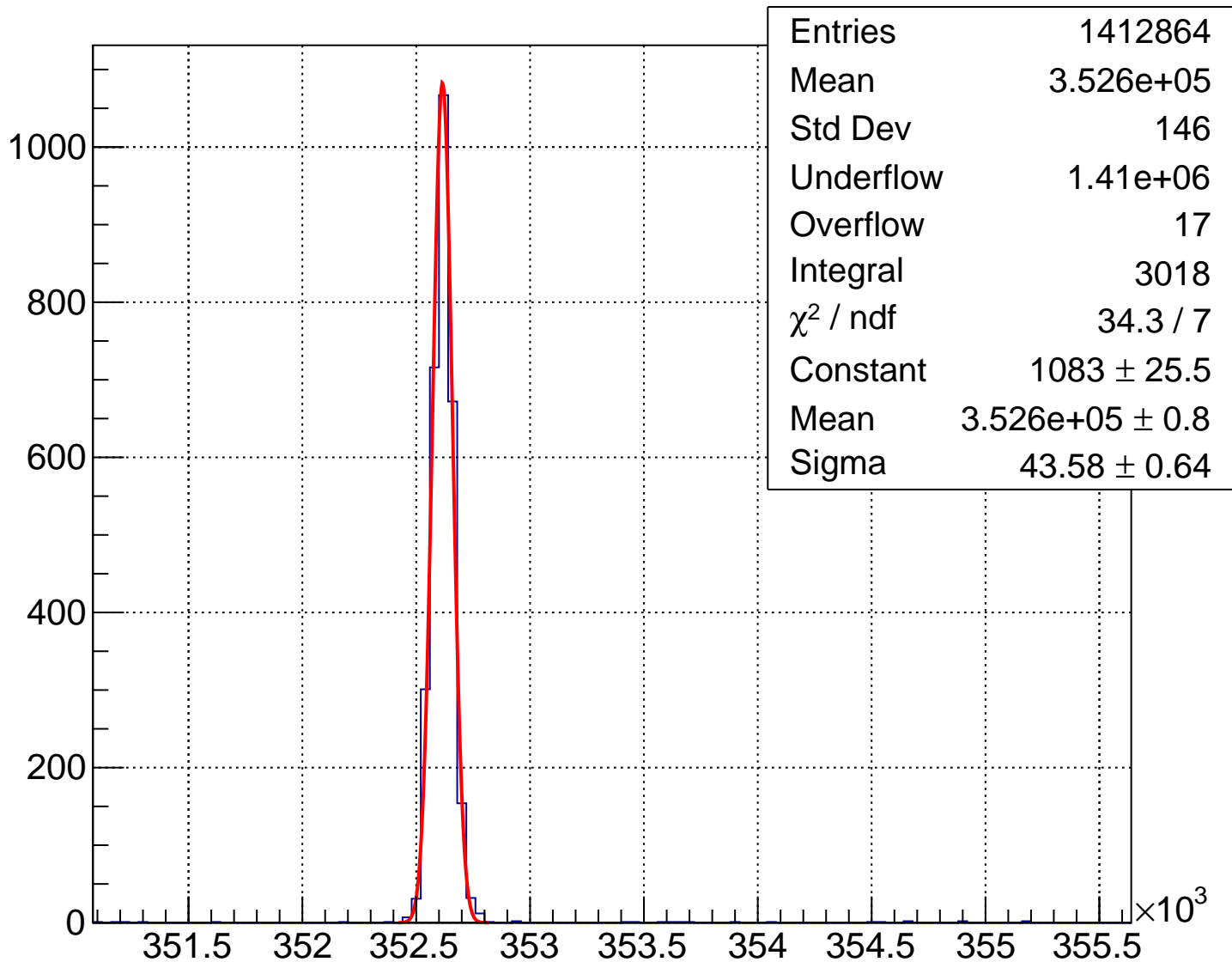
# BH2\_4DT



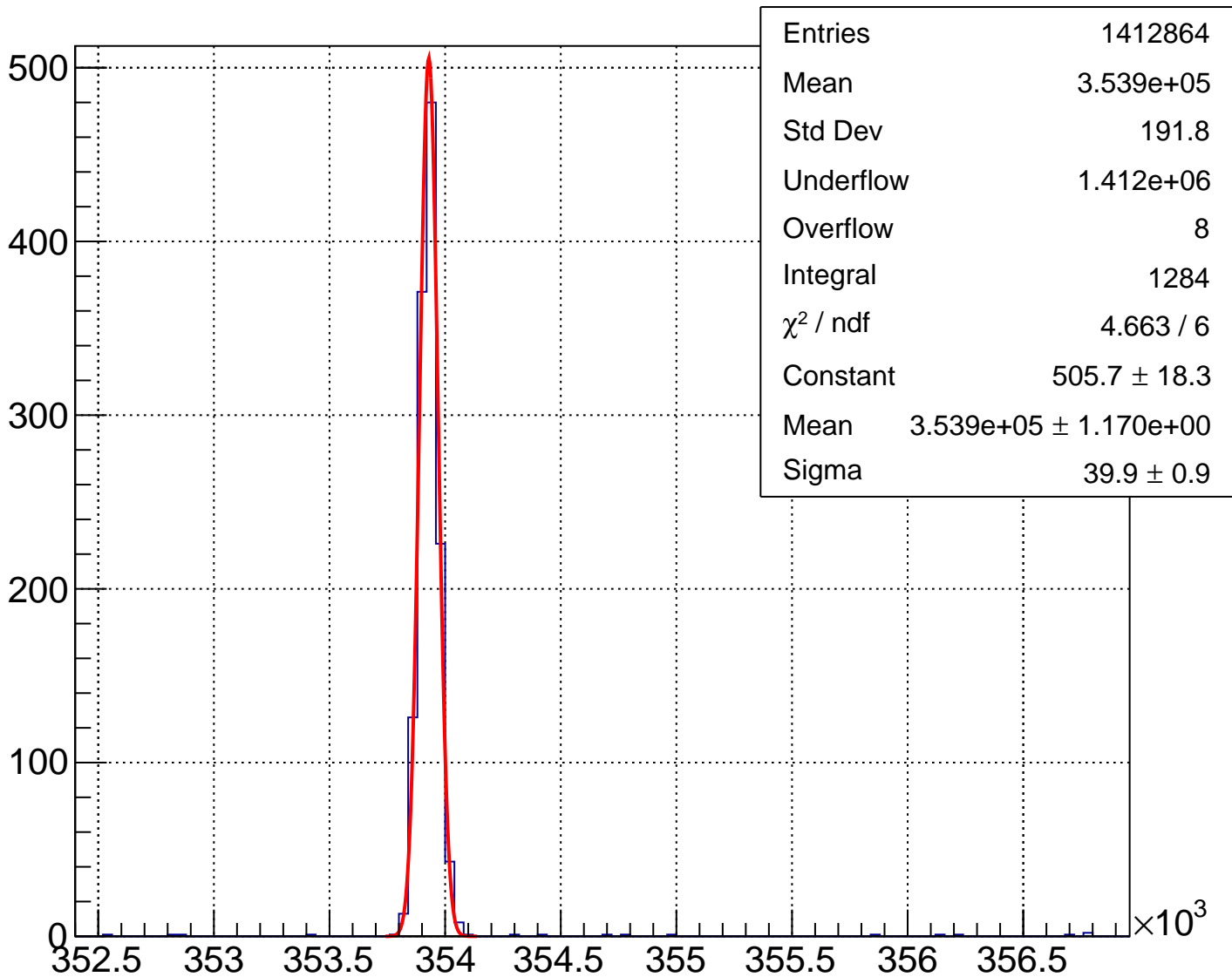
# BH2\_5DT



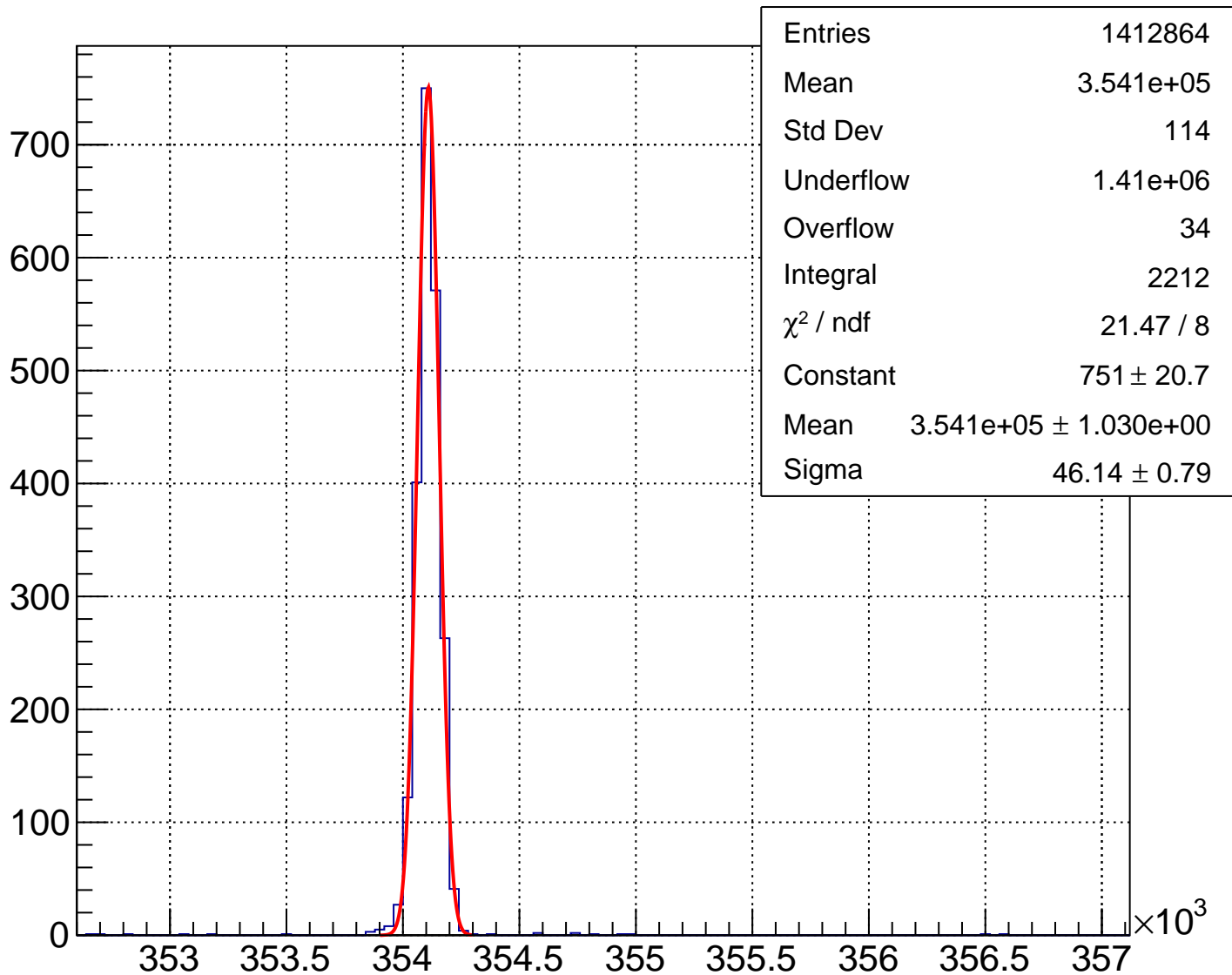
## BH2\_6DT



# BH2\_7DT

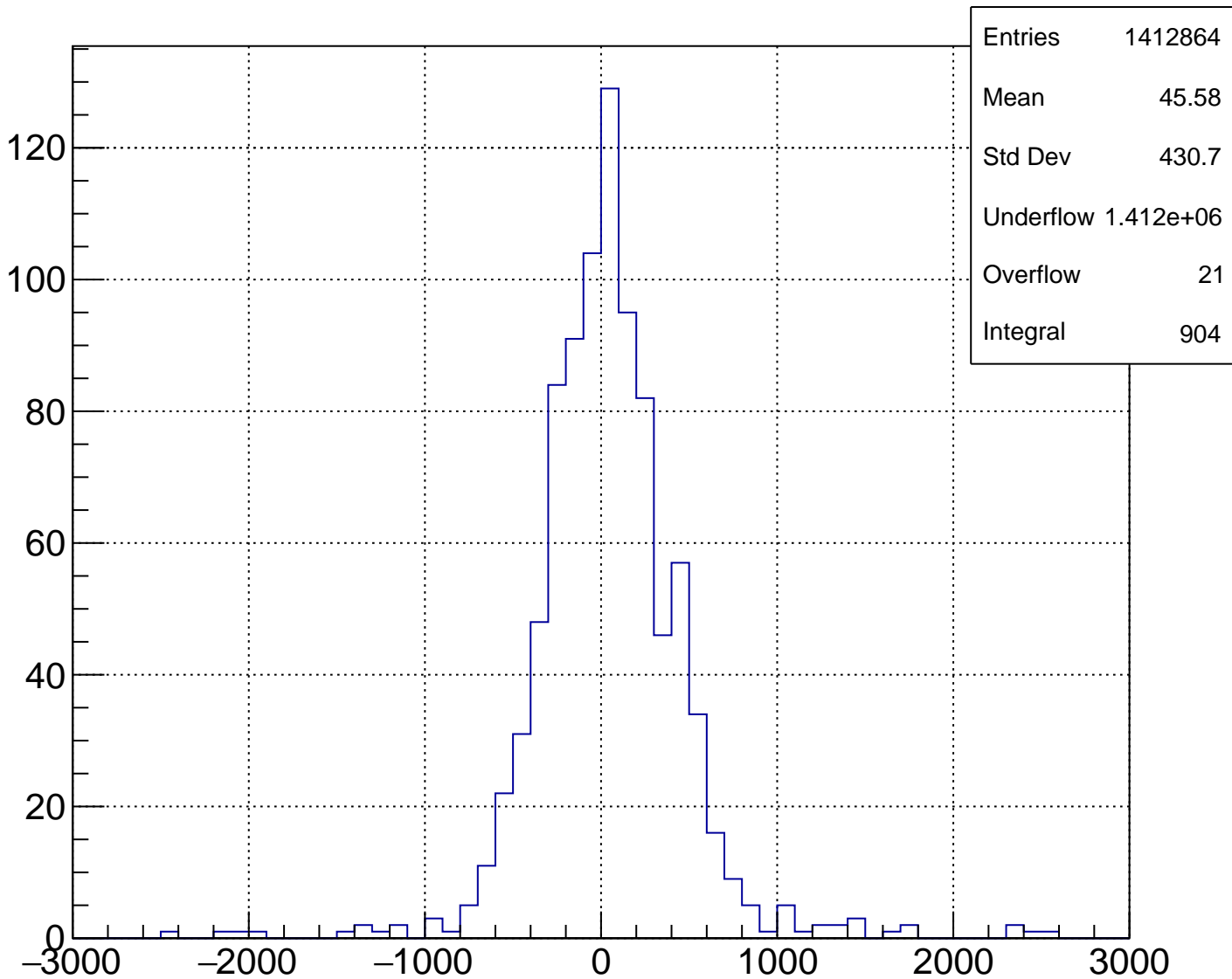


# BH2\_8DT

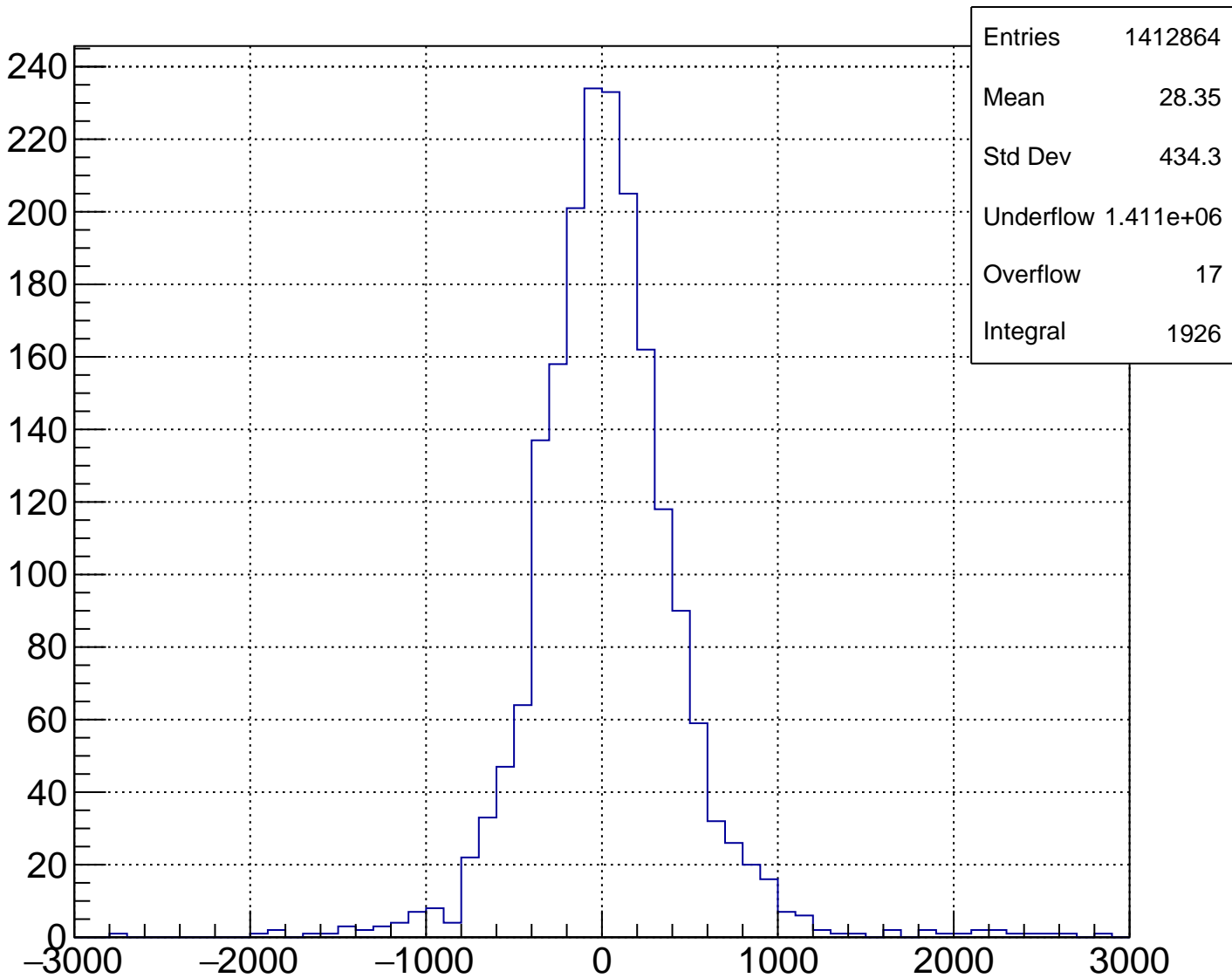




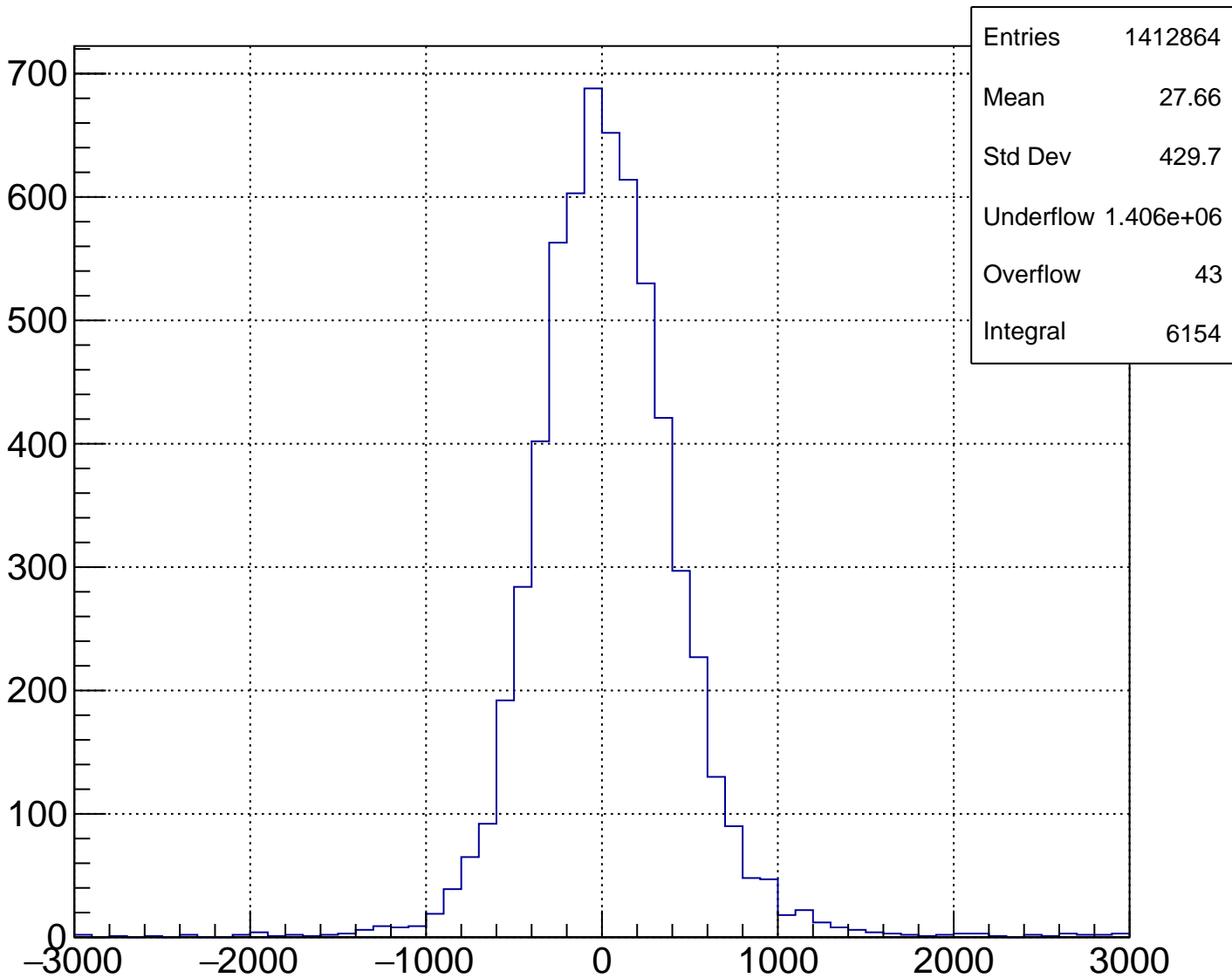
# BH1\_1UT0



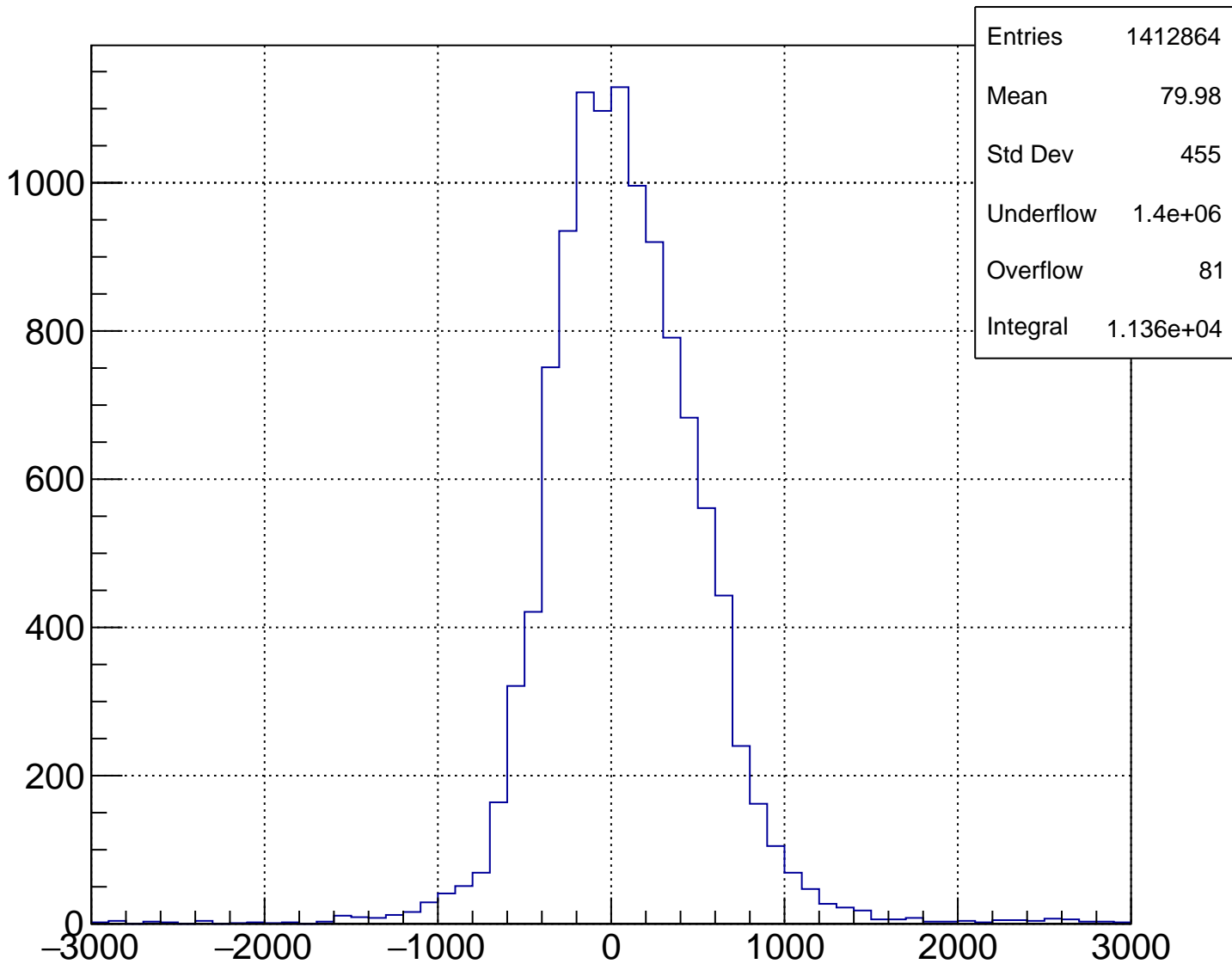
# BH1\_2UT0



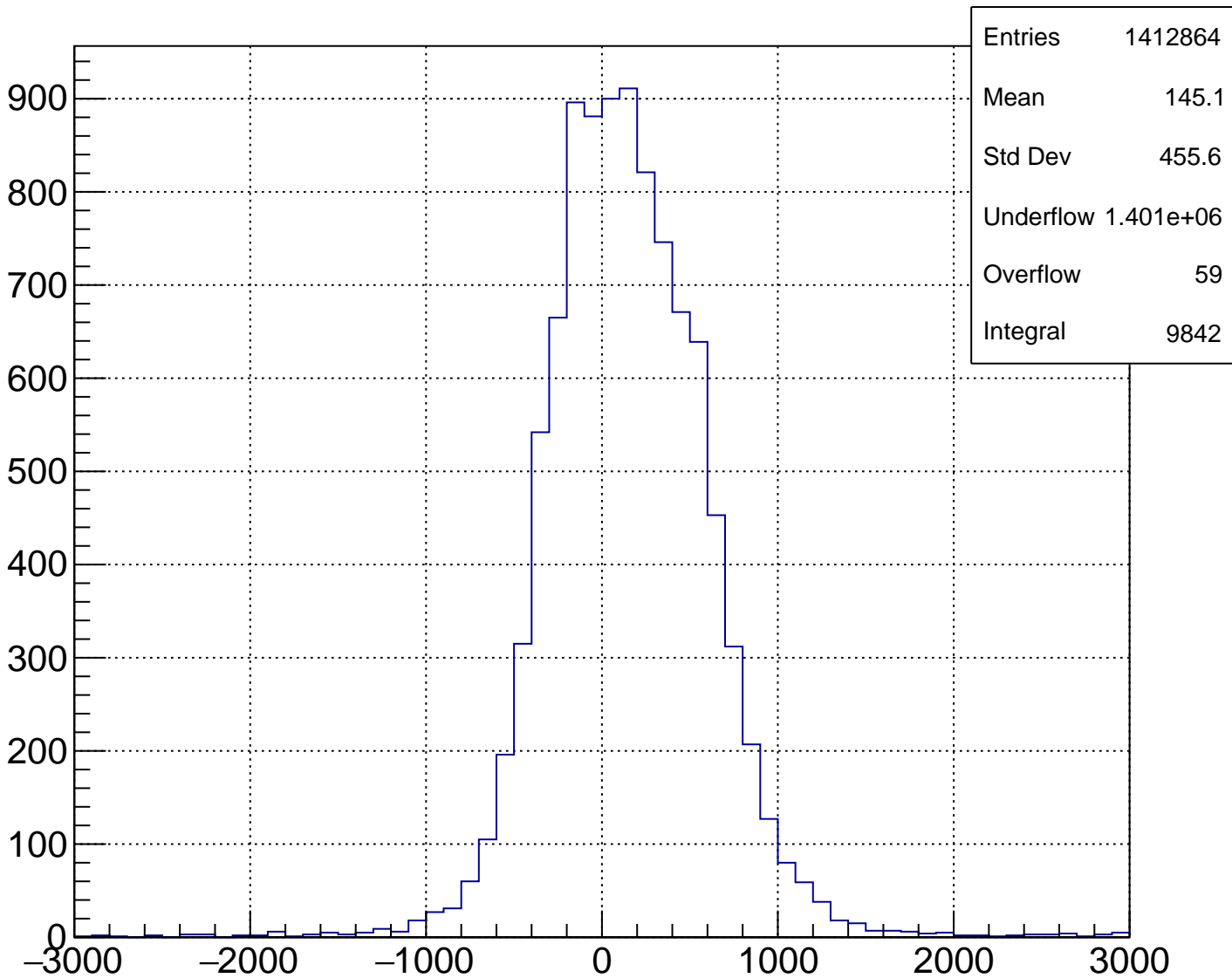
# BH1\_3UT0



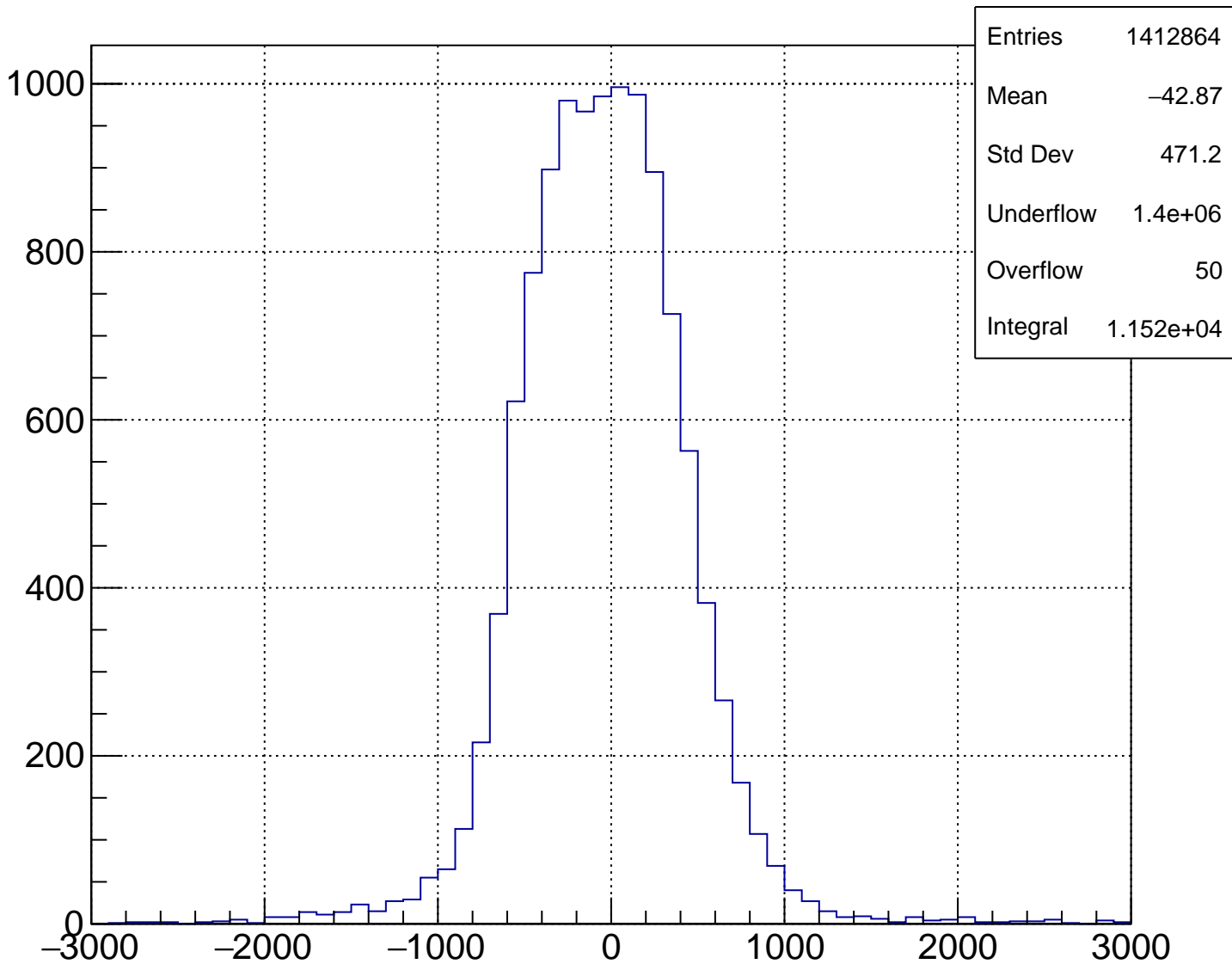
# BH1\_4UT0



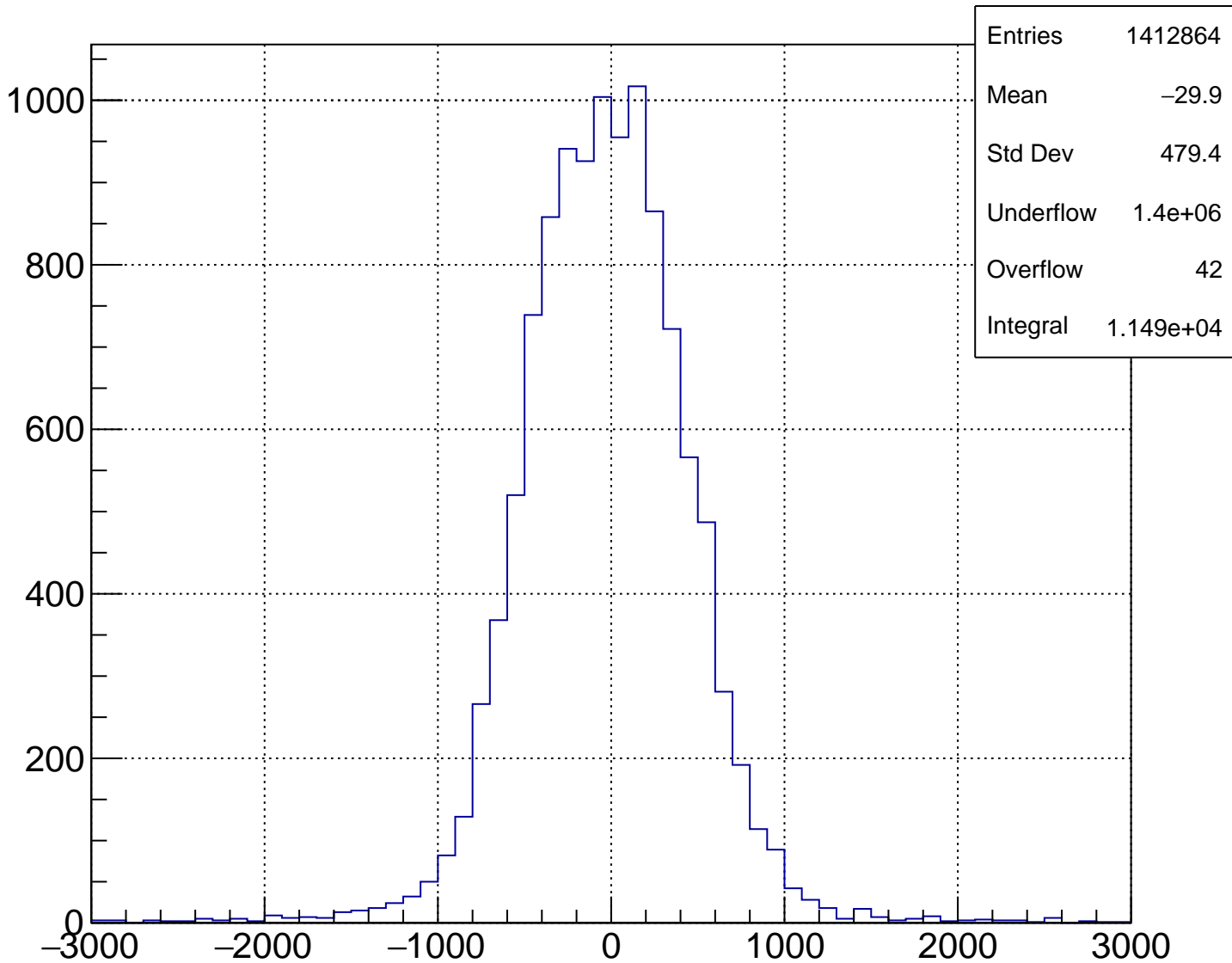
# BH1\_5UT0



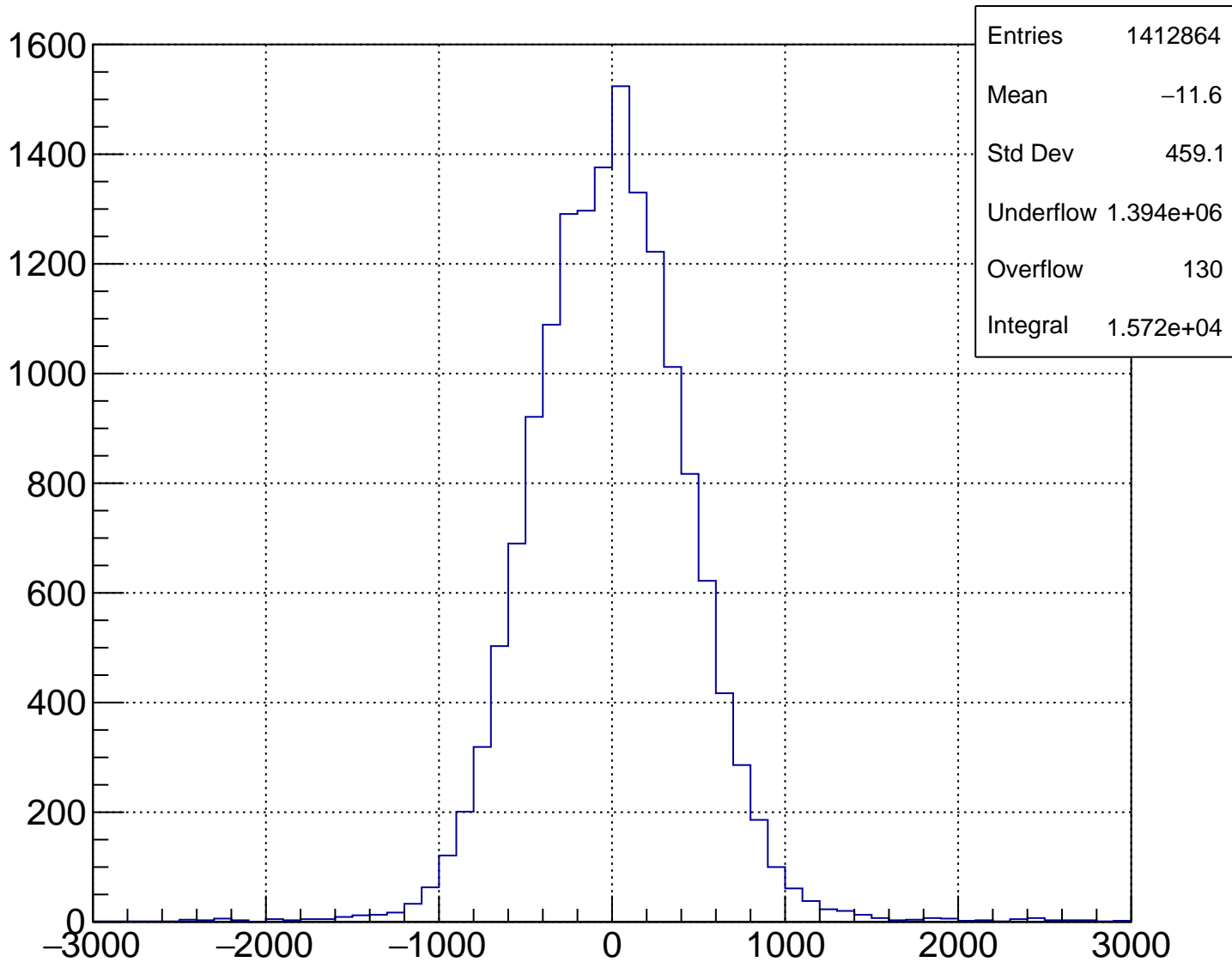
# BH1\_6UT0



# BH1\_7UT0

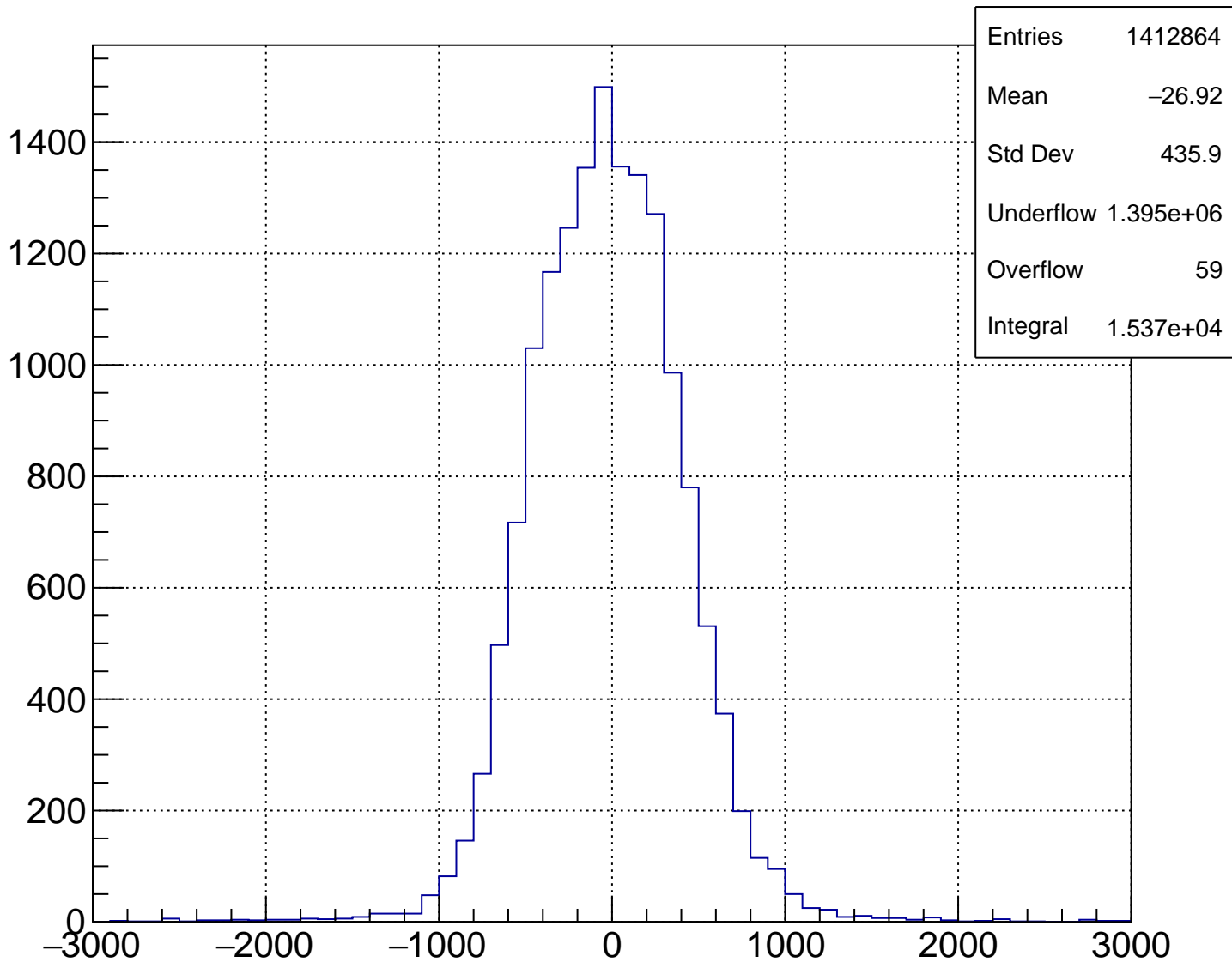


# BH1\_8UT0

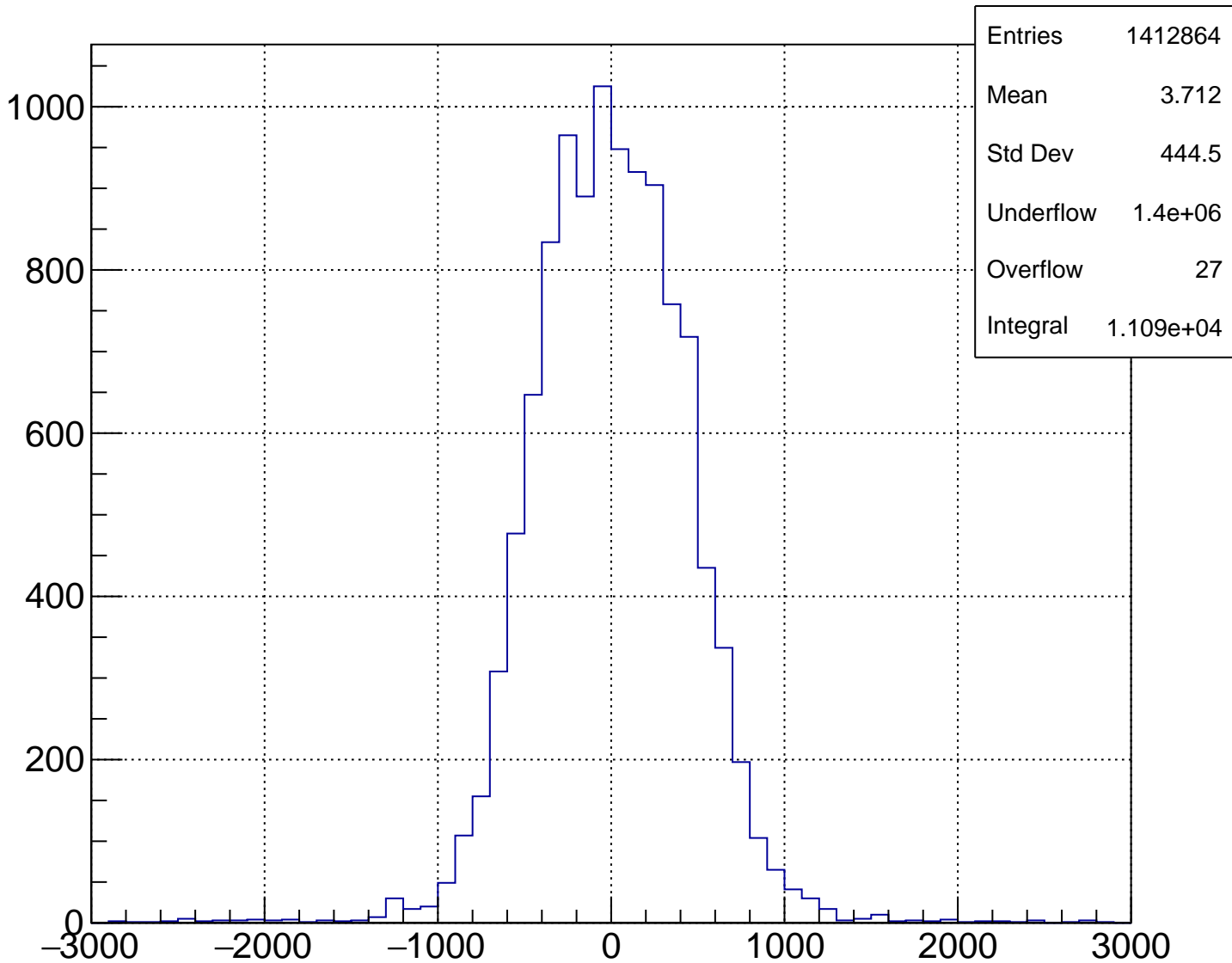




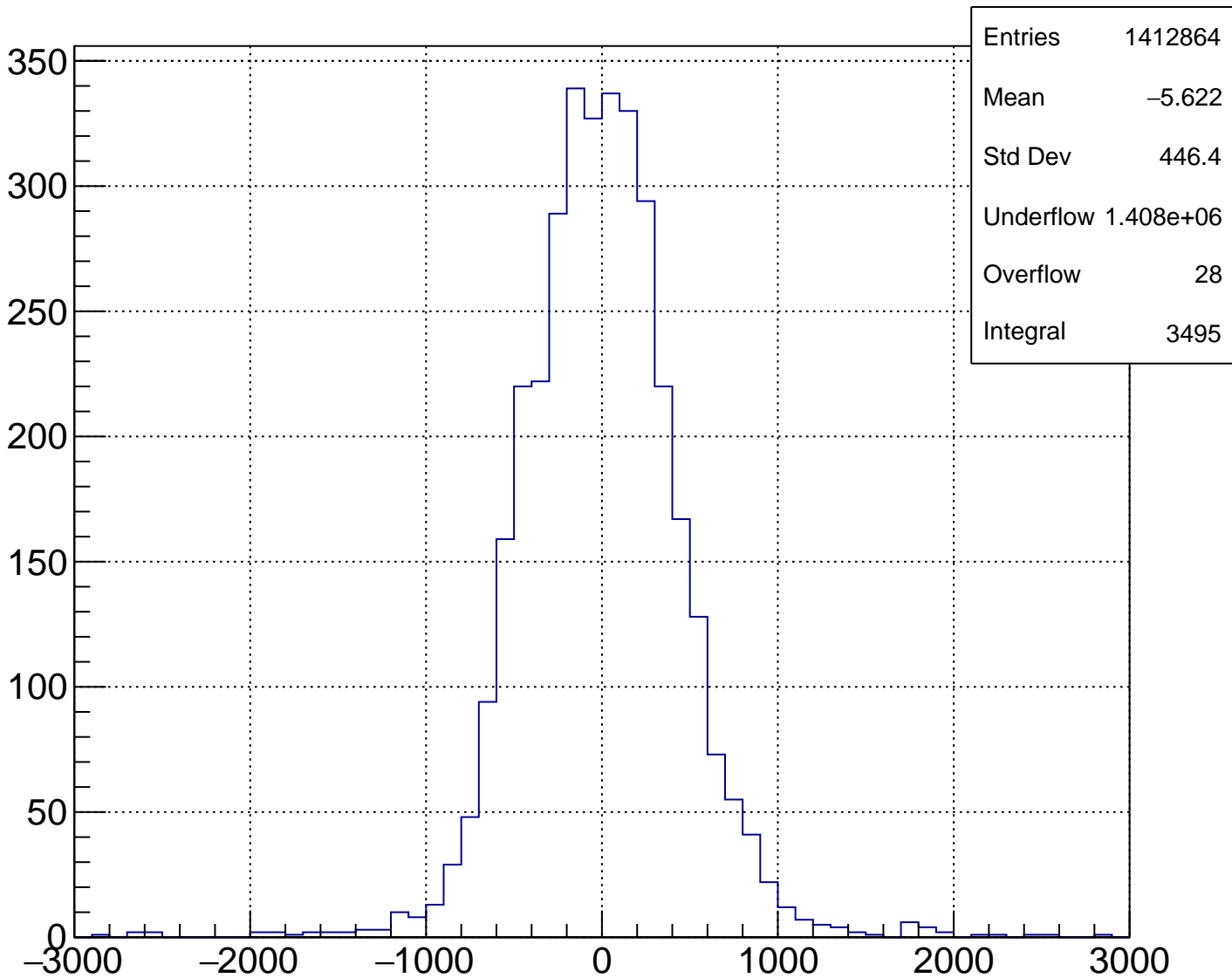
# BH1\_9UT0



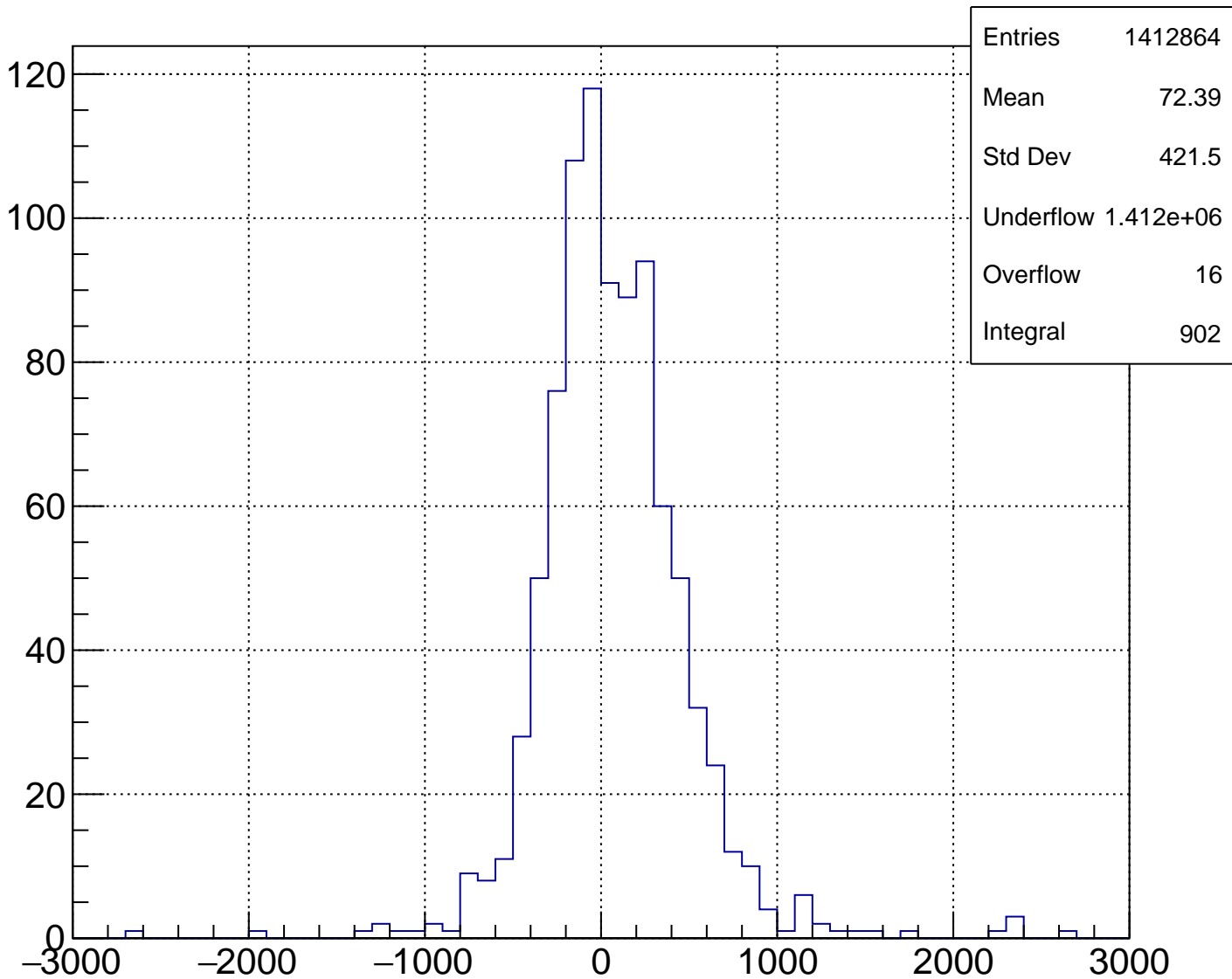
# BH1\_10UT0



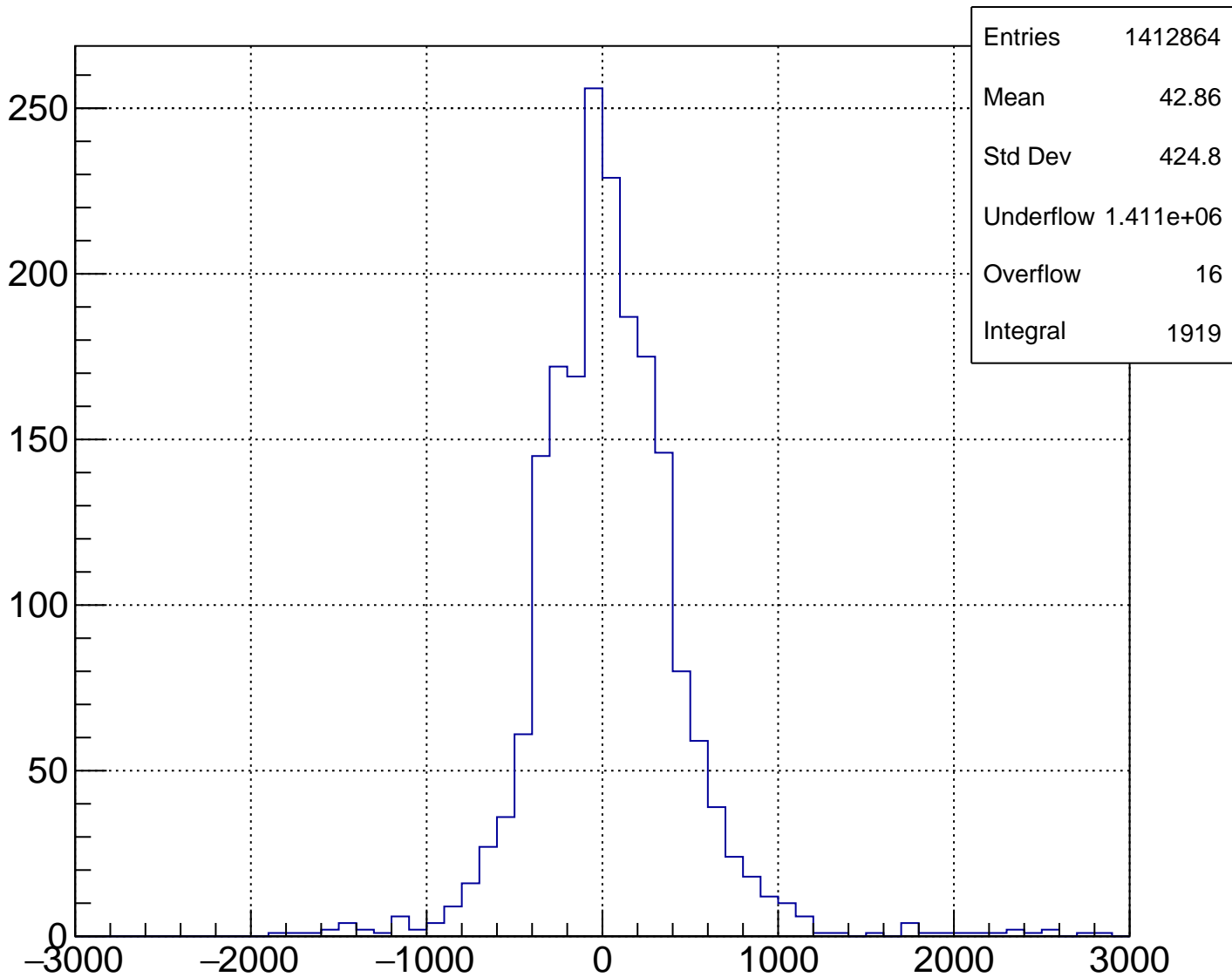
# BH1\_11UT0



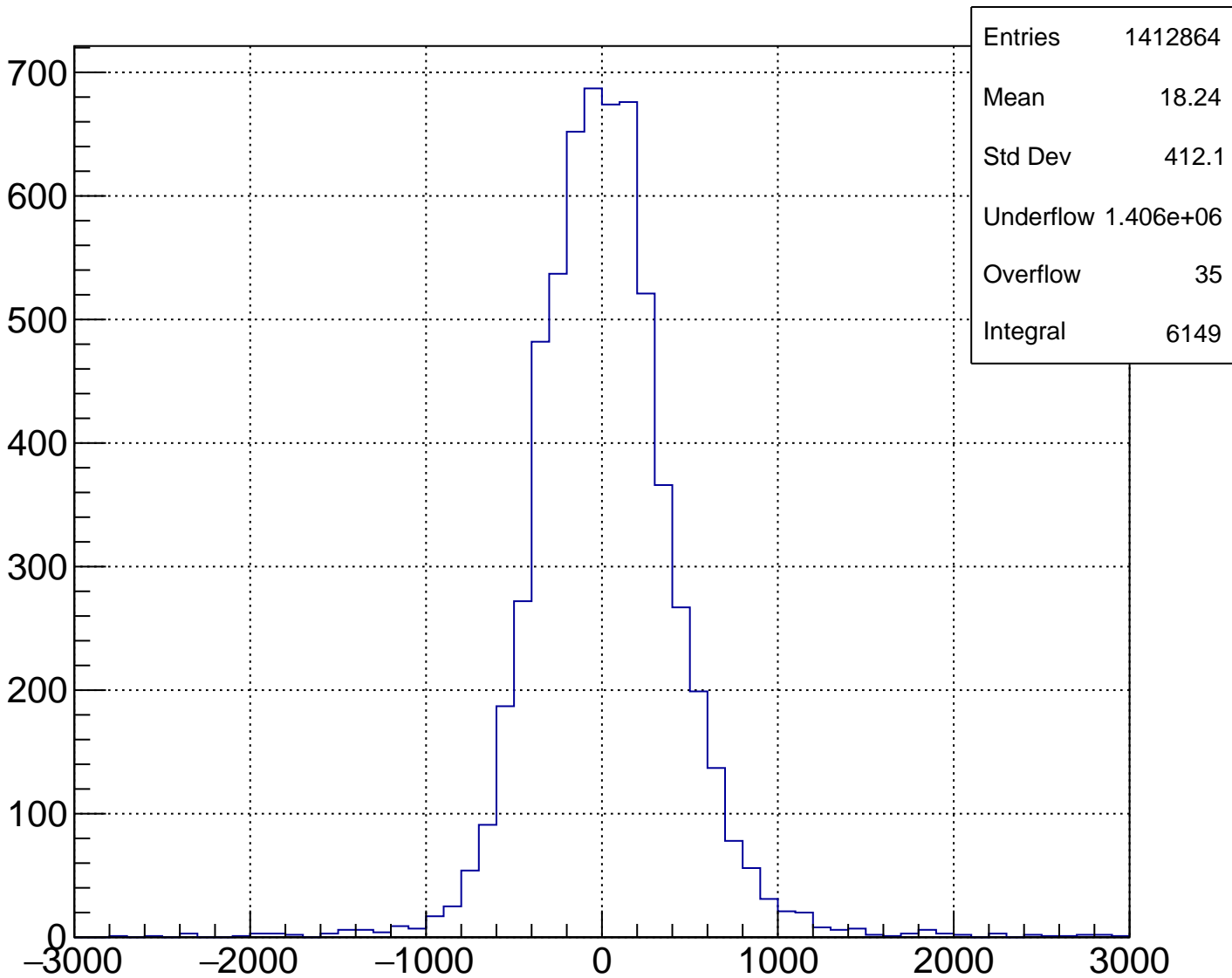
# BH1\_1DT0



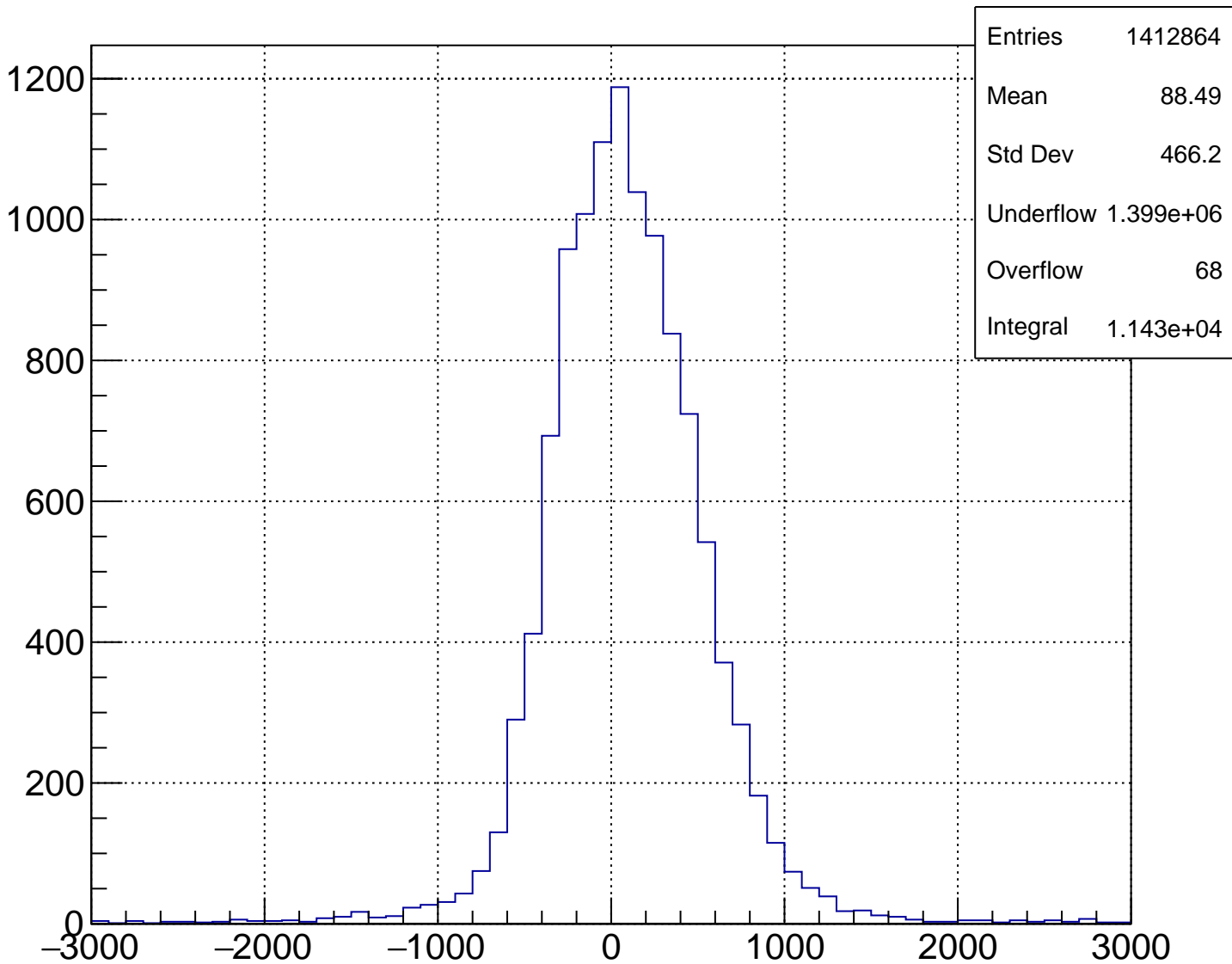
# BH1\_2DT0



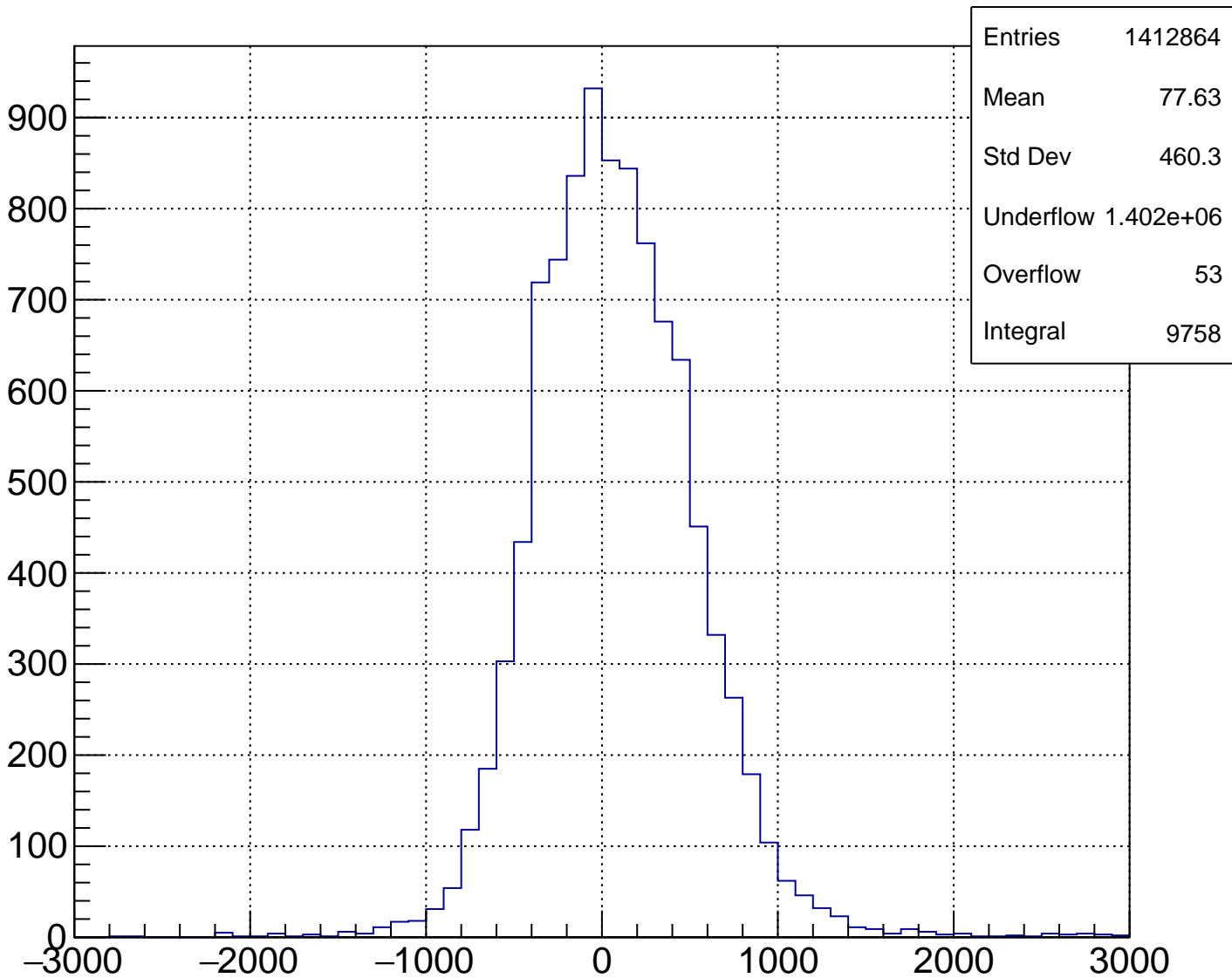
# BH1\_3DT0



# BH1\_4DT0

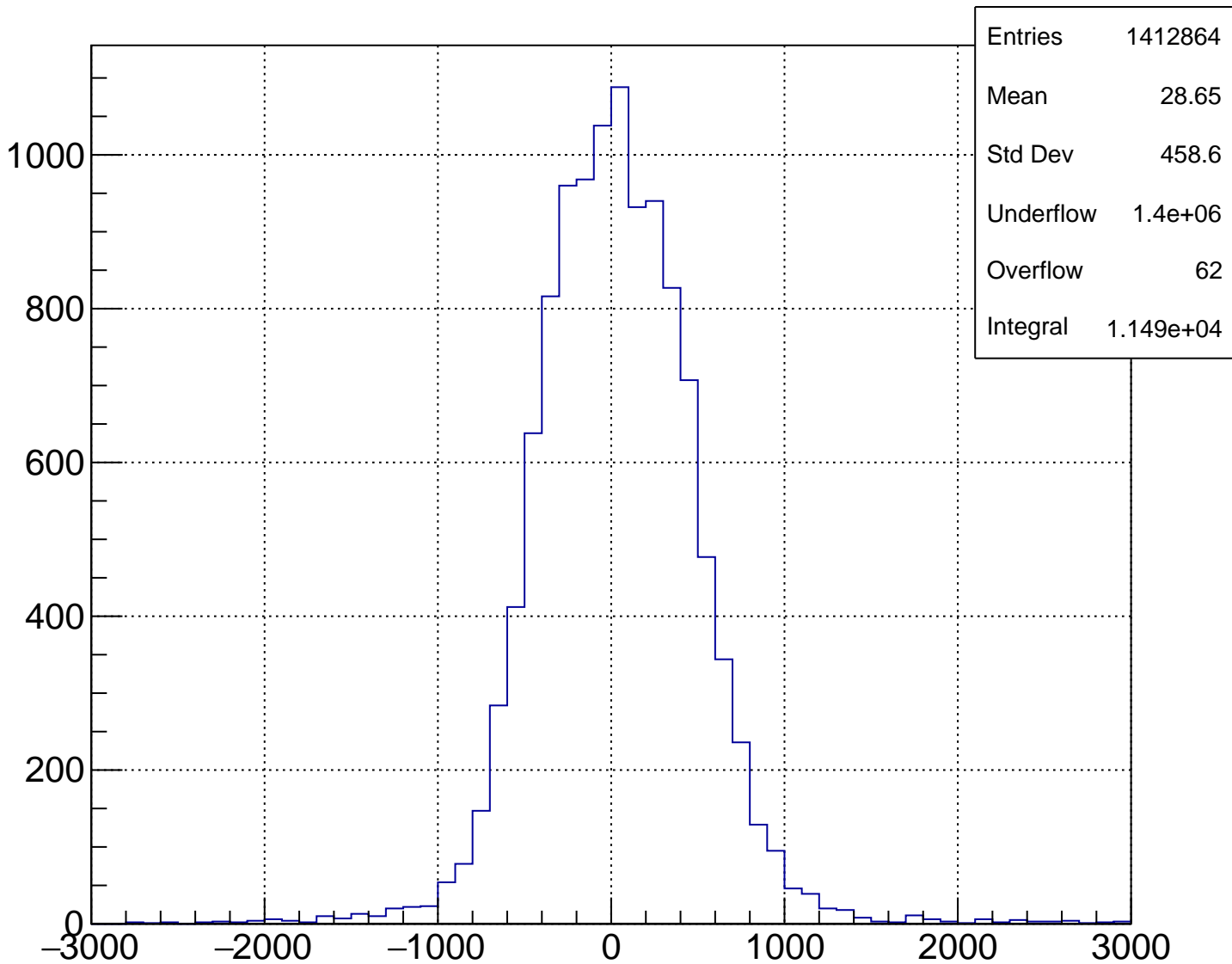


# BH1\_5DT0

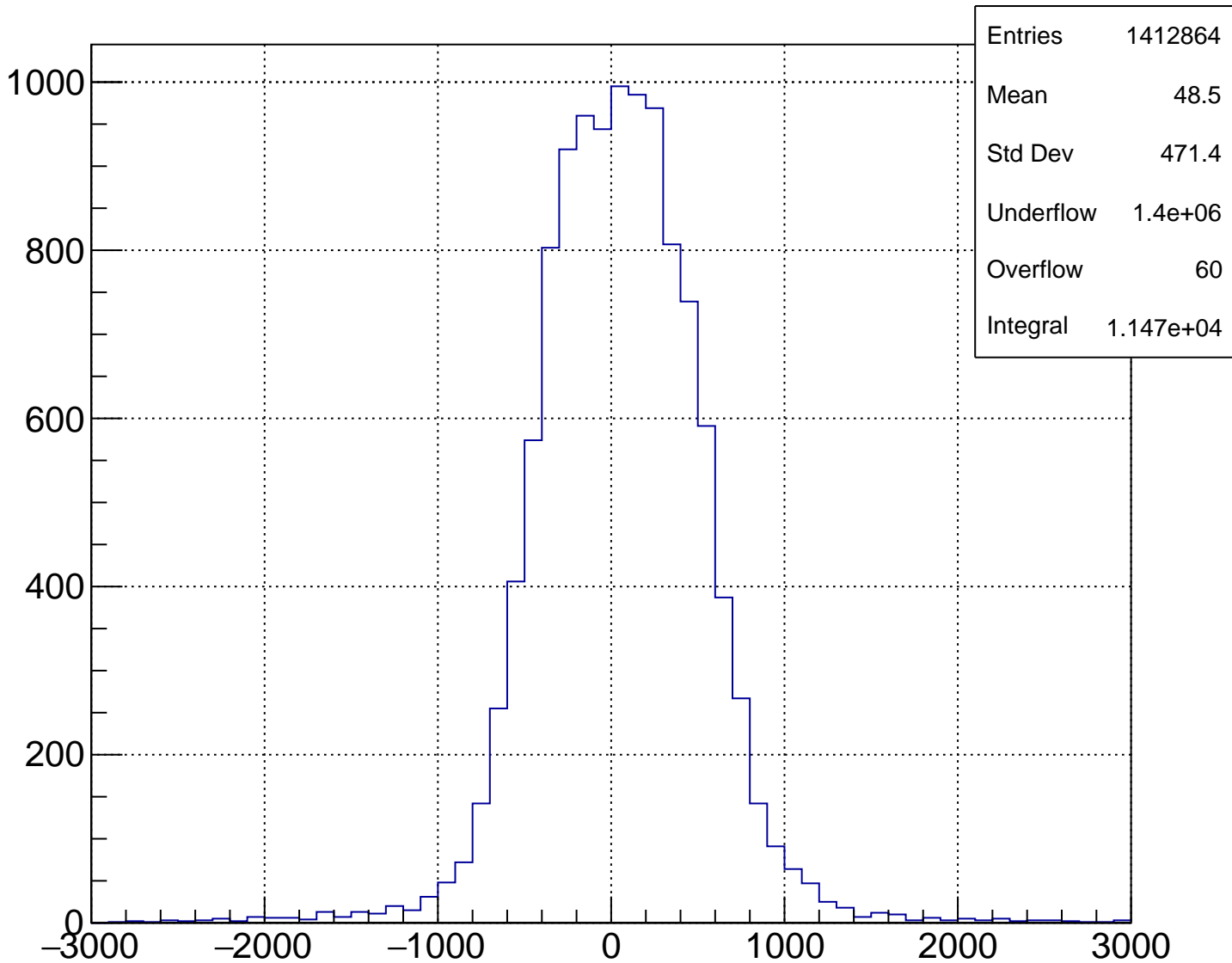




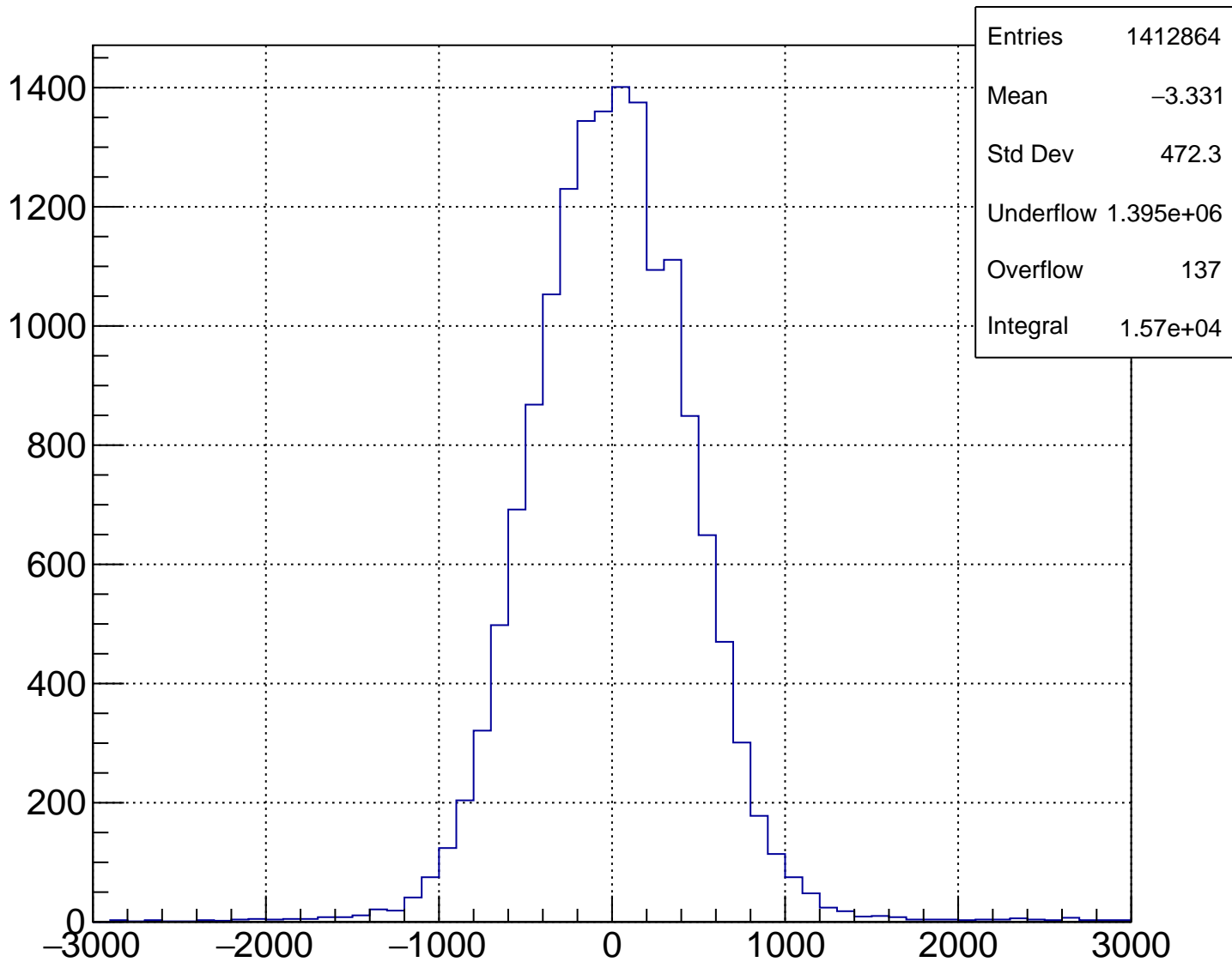
# BH1\_6DT0



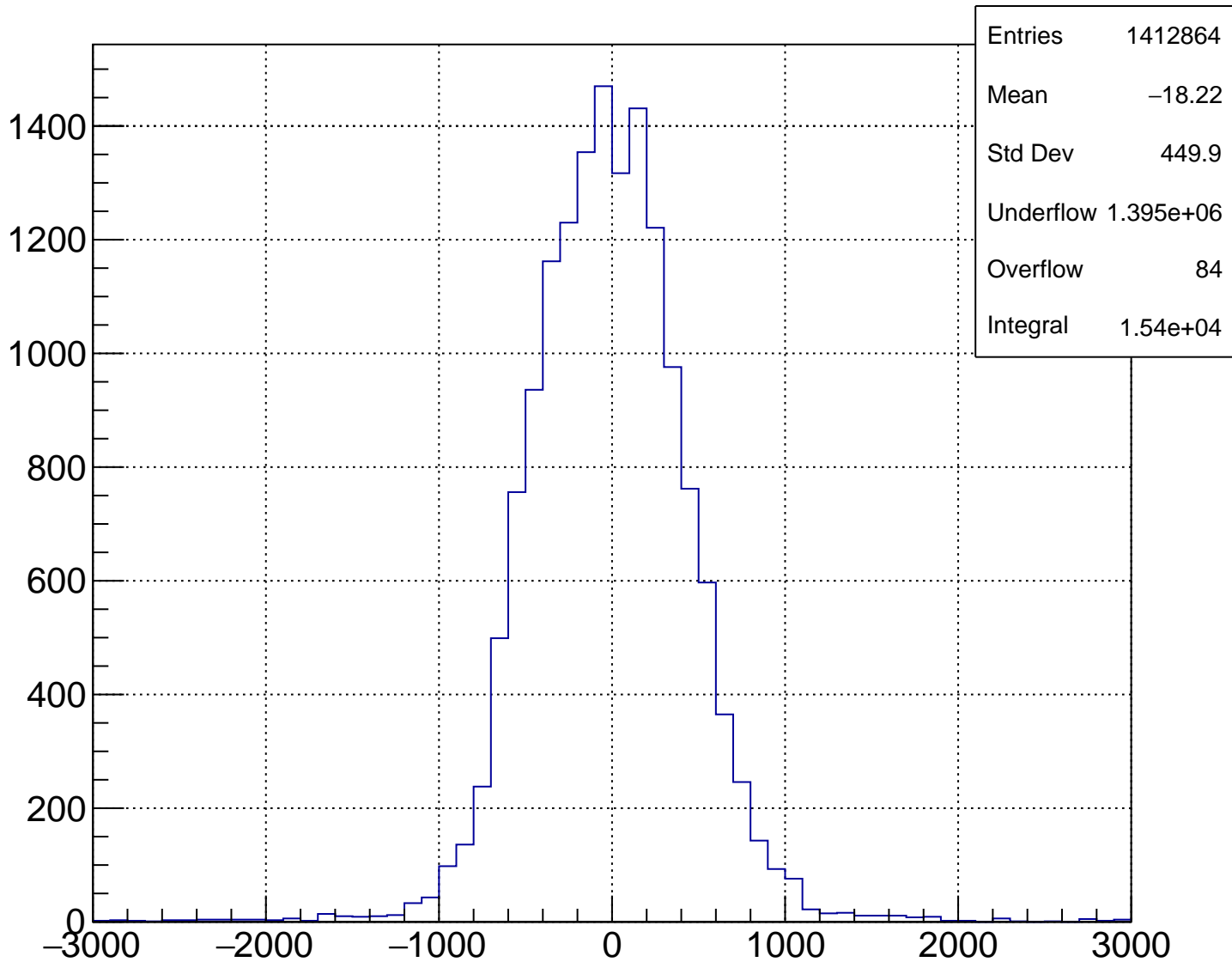
# BH1\_7DT0



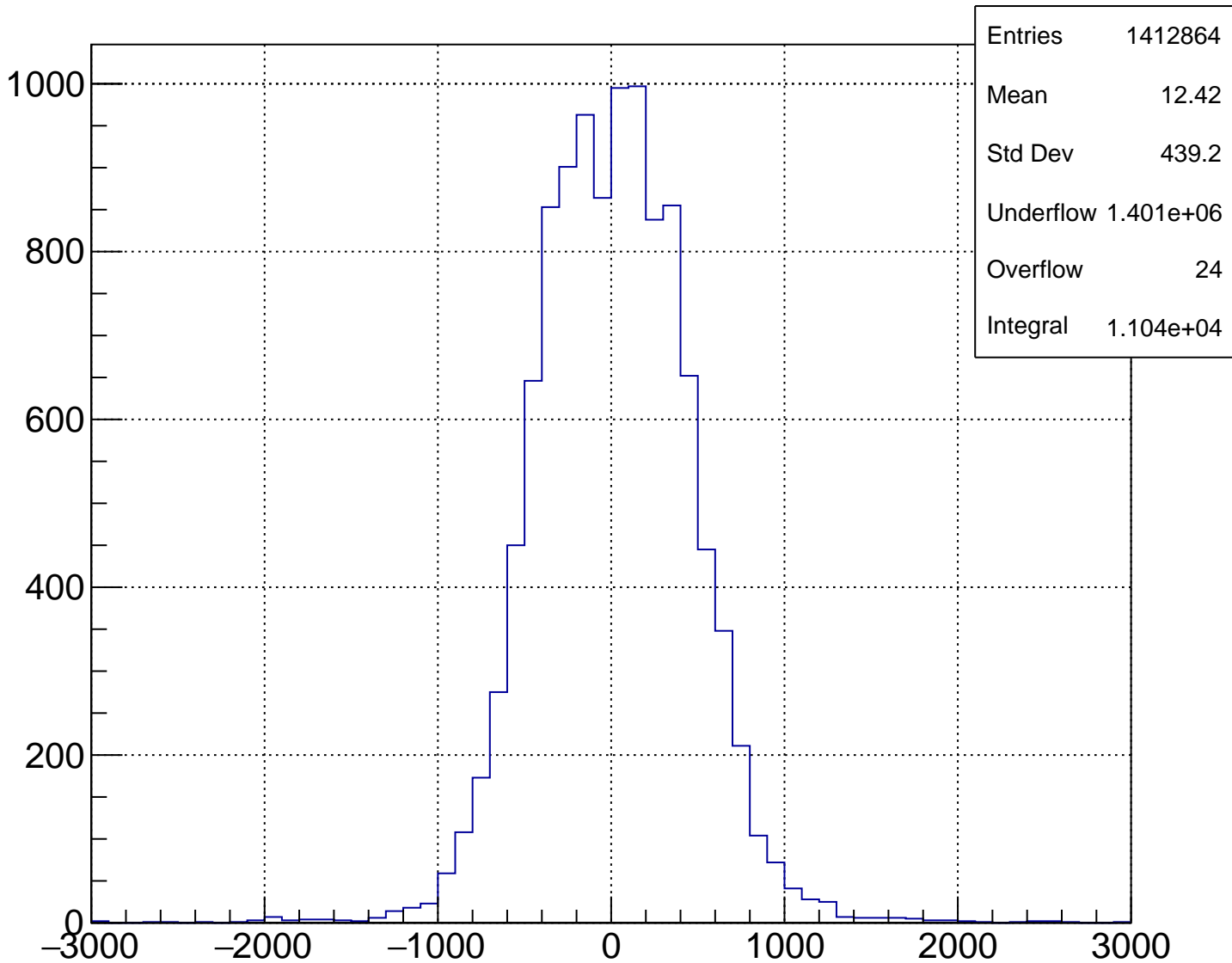
# BH1\_8DT0



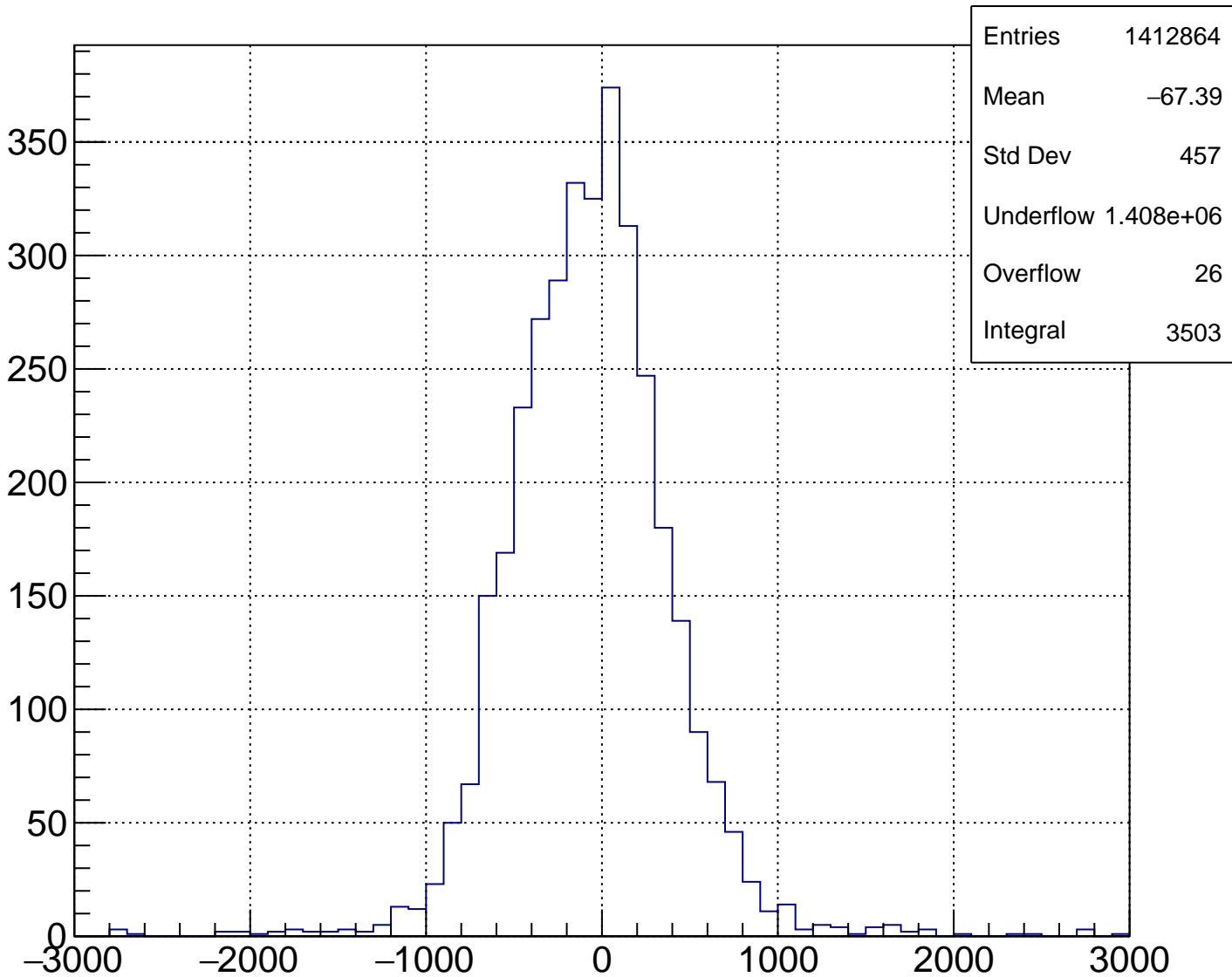
# BH1\_9DT0



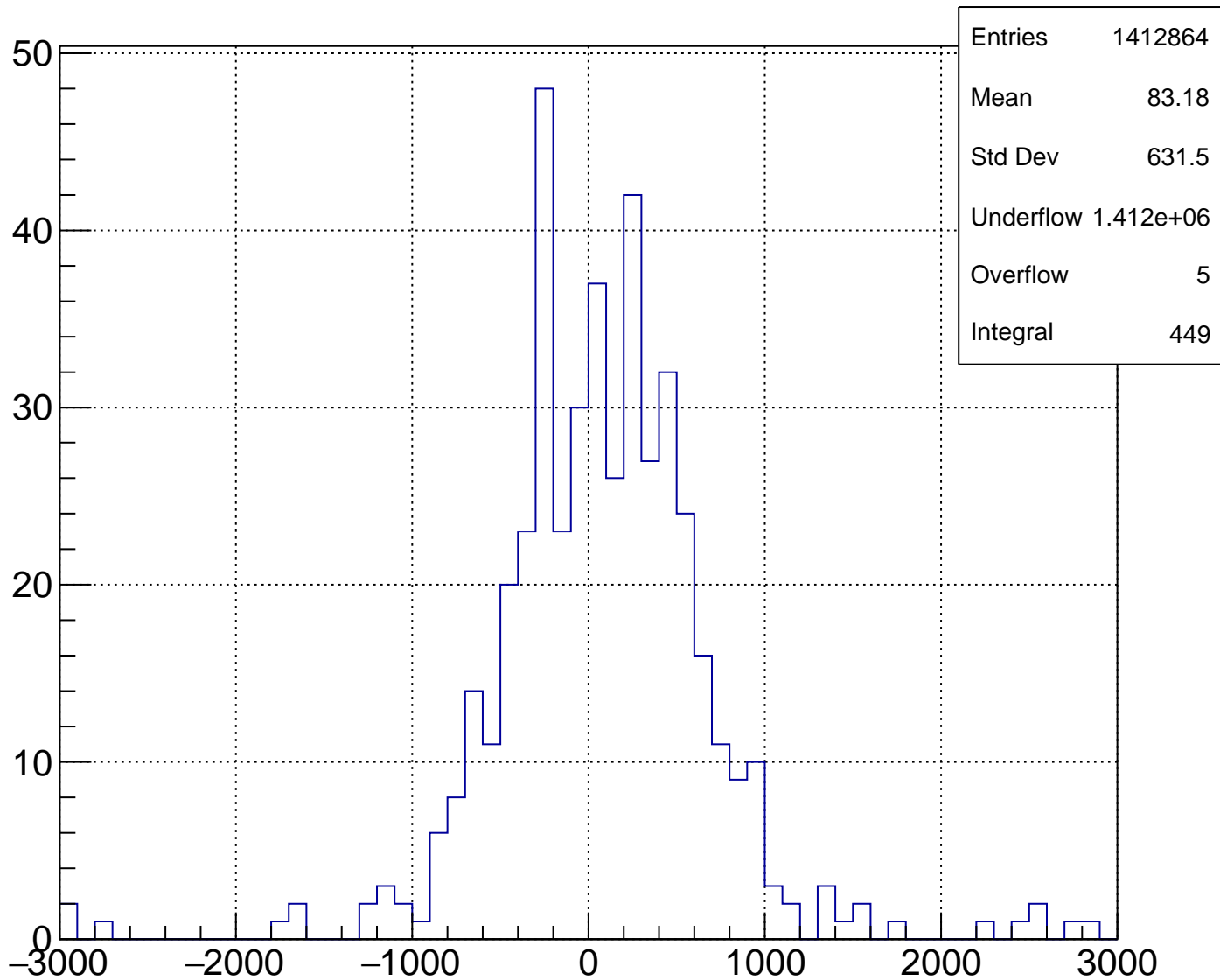
# BH1\_10DT0



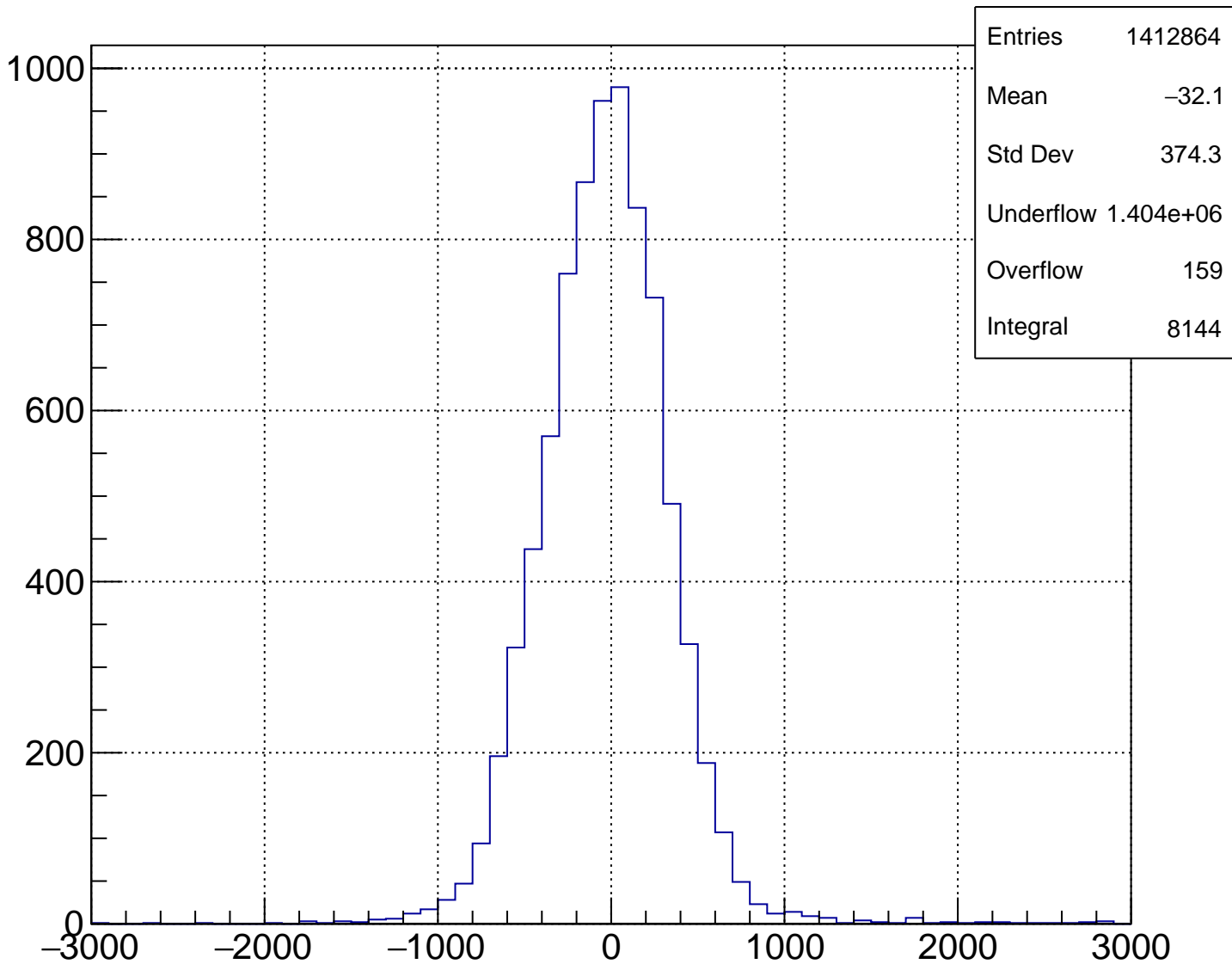
# BH1\_11DT0



# BH2\_1UT0

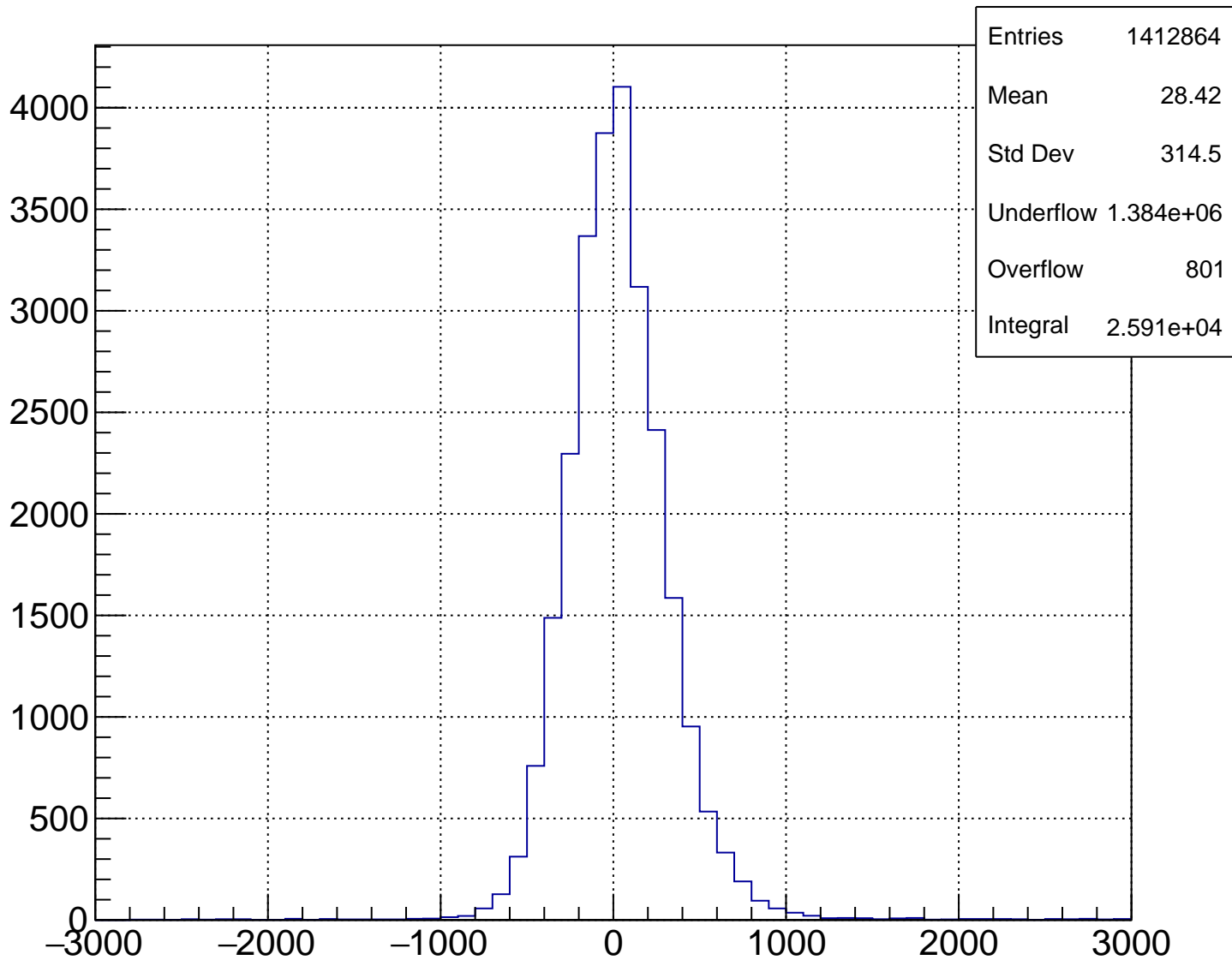


# BH2\_2UT0

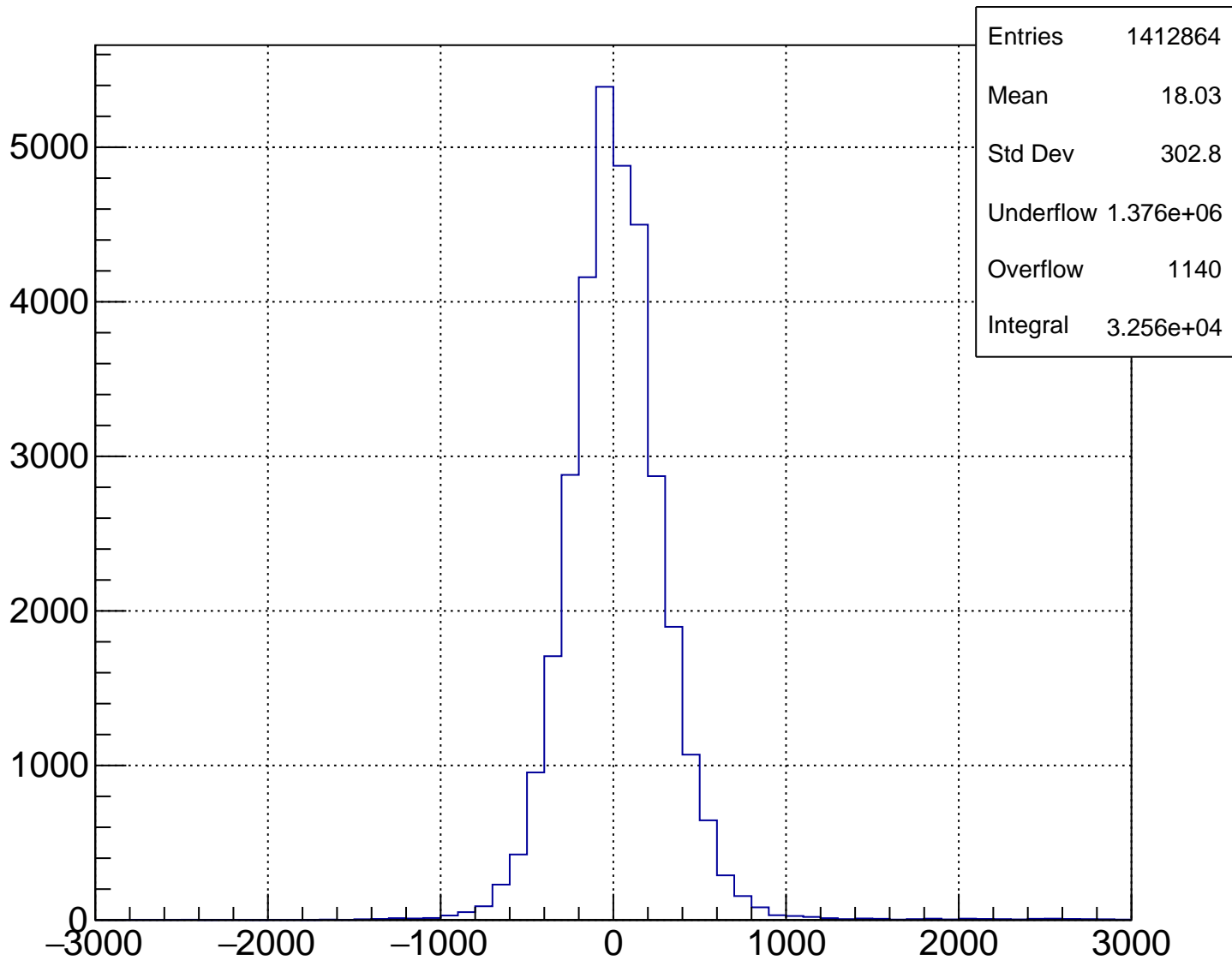




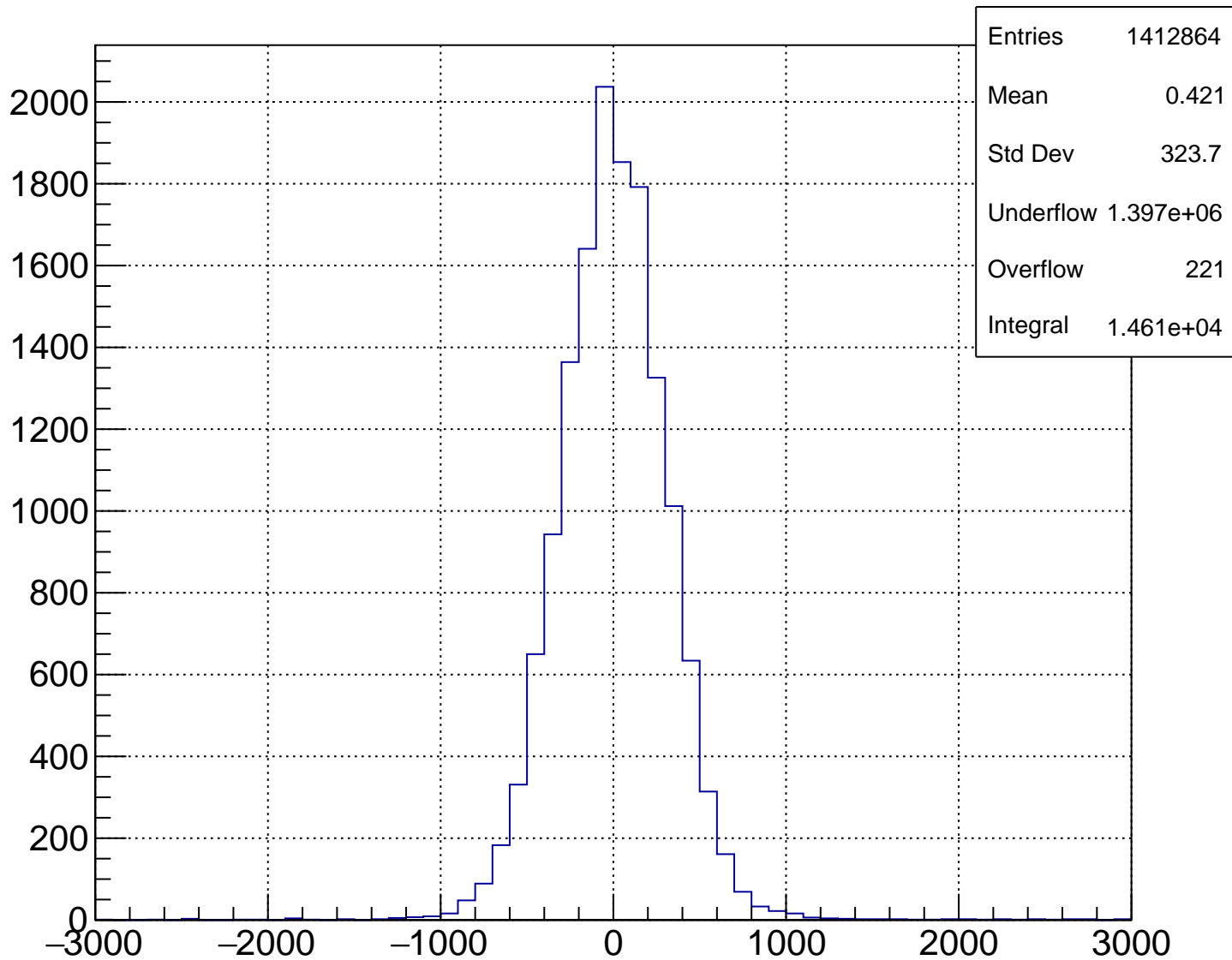
# BH2\_3UT0



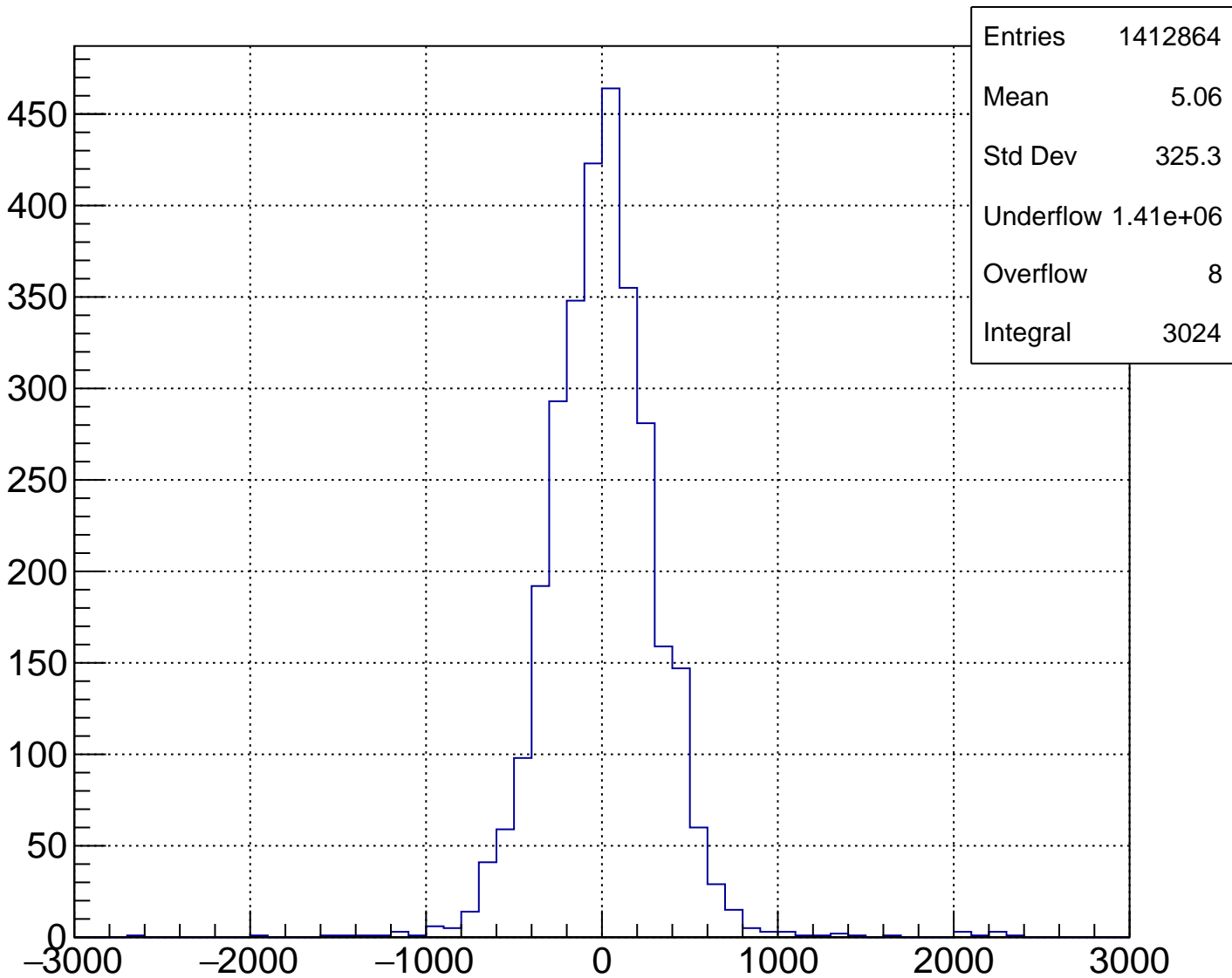
# BH2\_4UT0



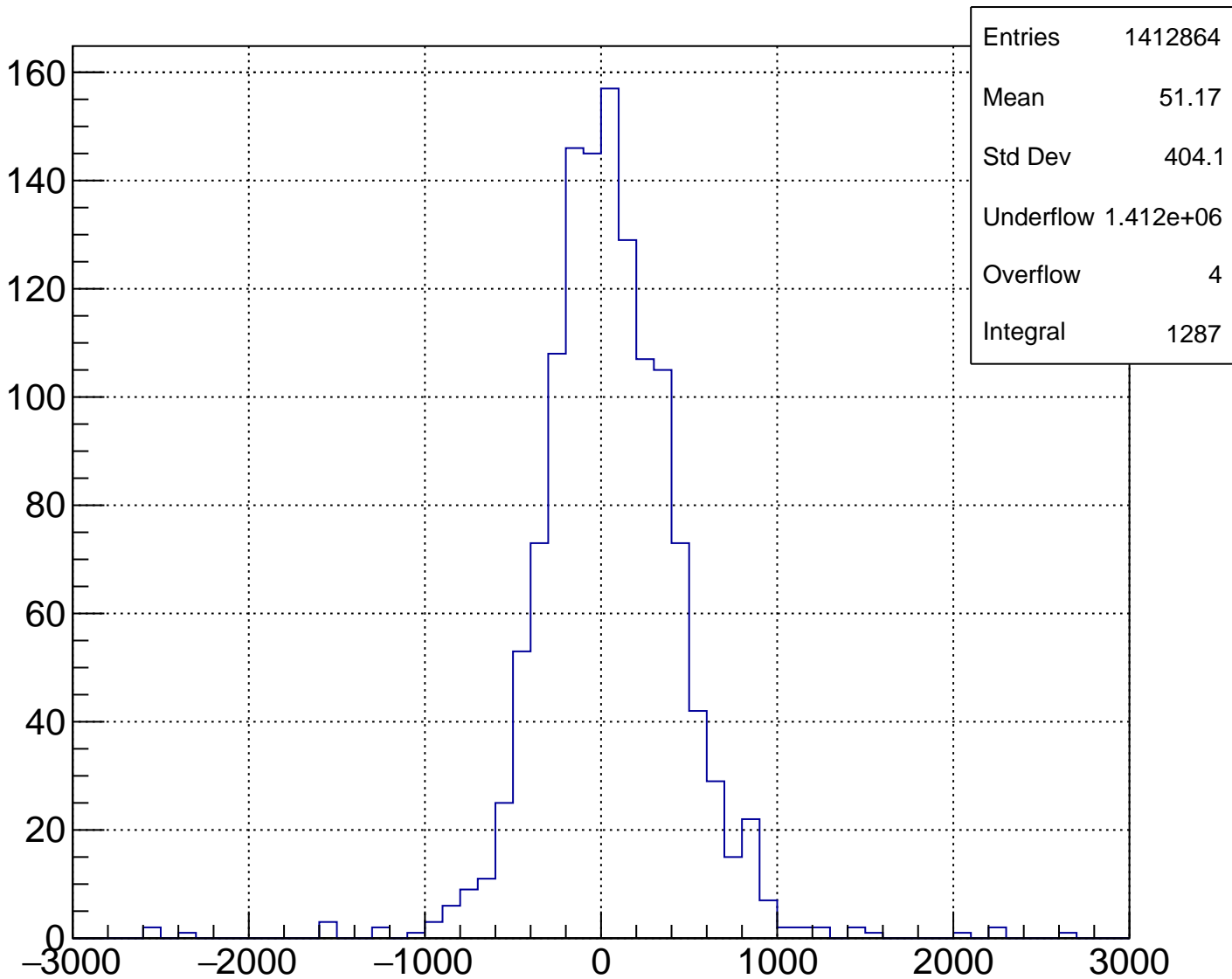
# BH2\_5UT0



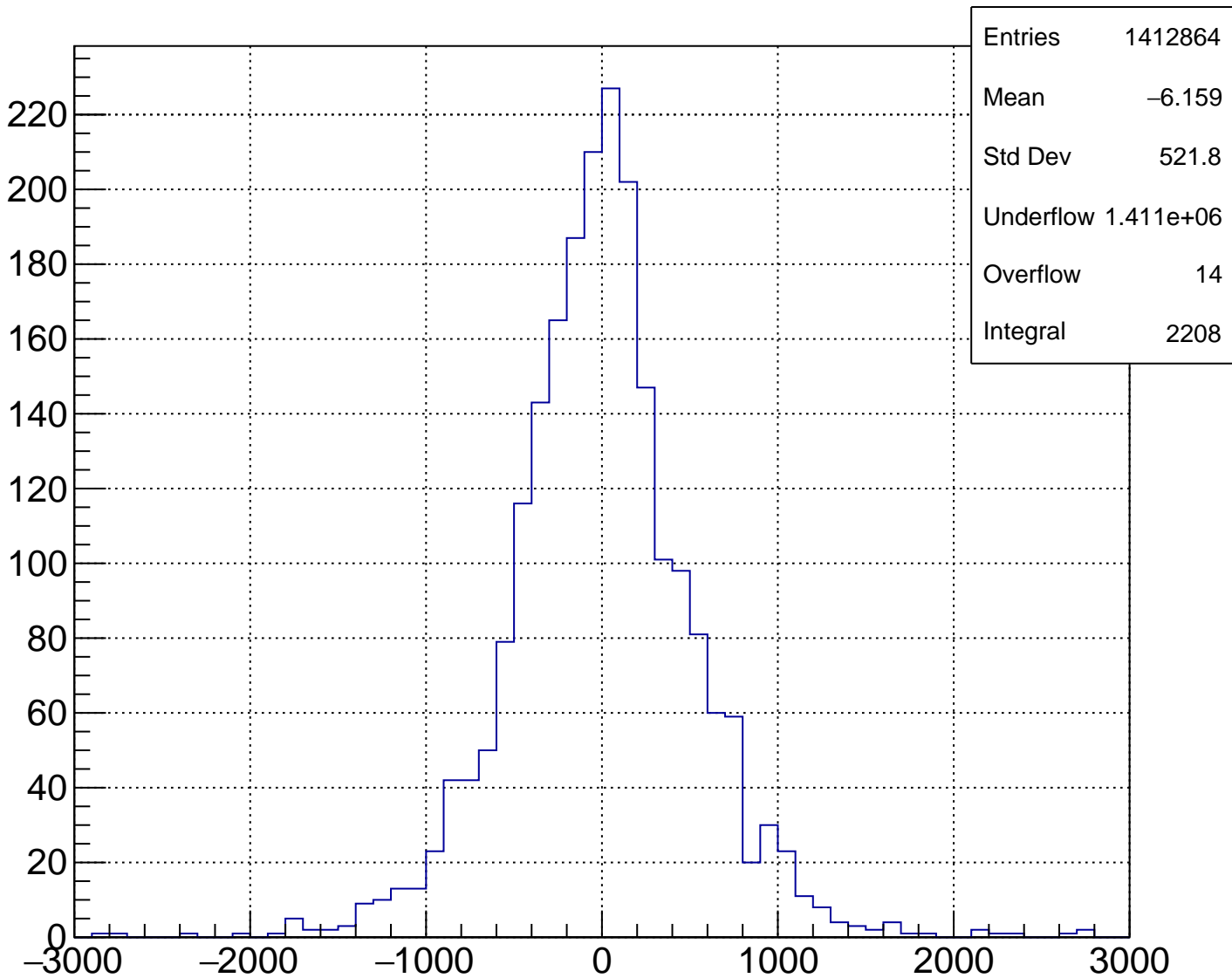
# BH2\_6UT0



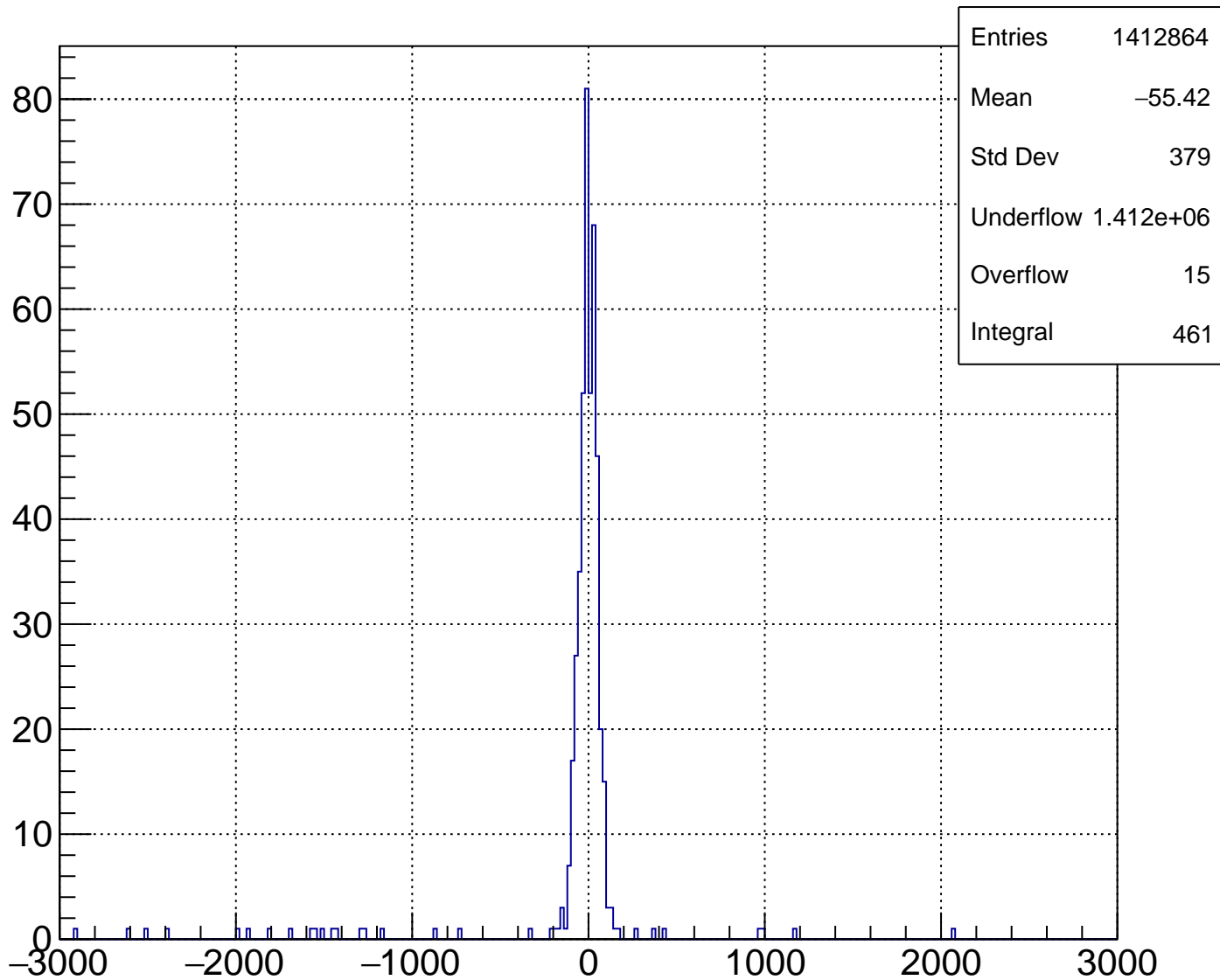
# BH2\_7UT0



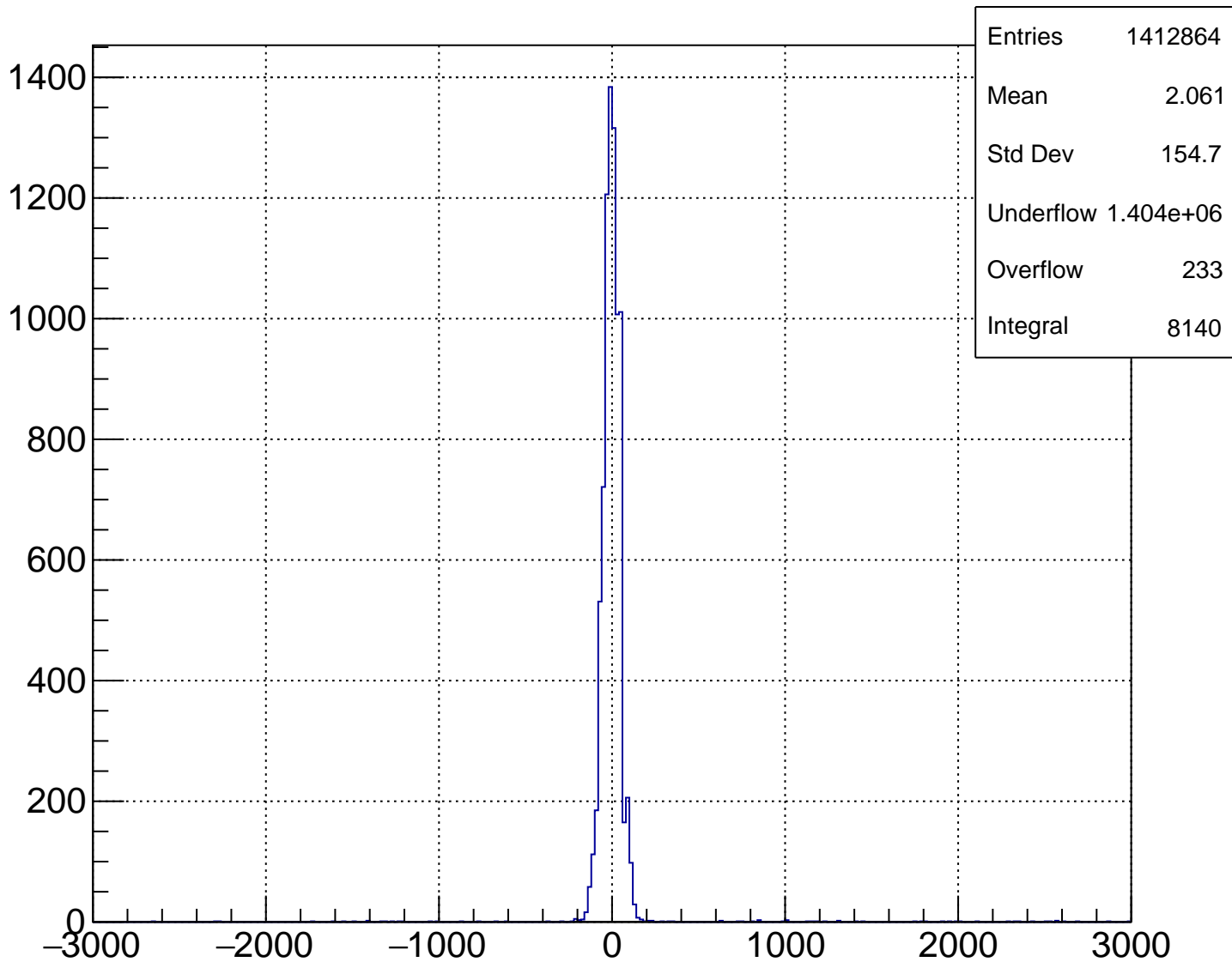
# BH2\_8UT0



# BH2\_1DT0

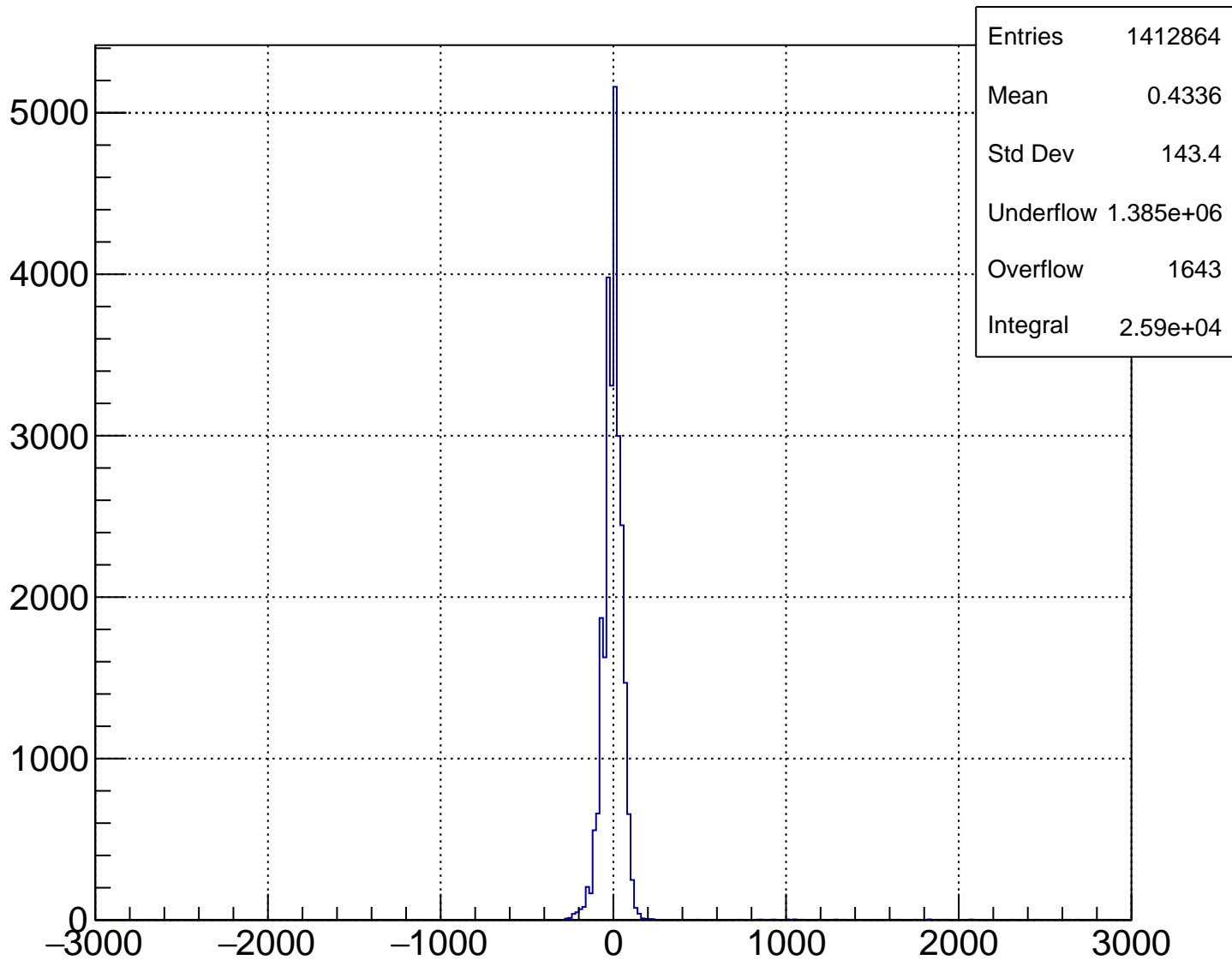


# BH2\_2DT0

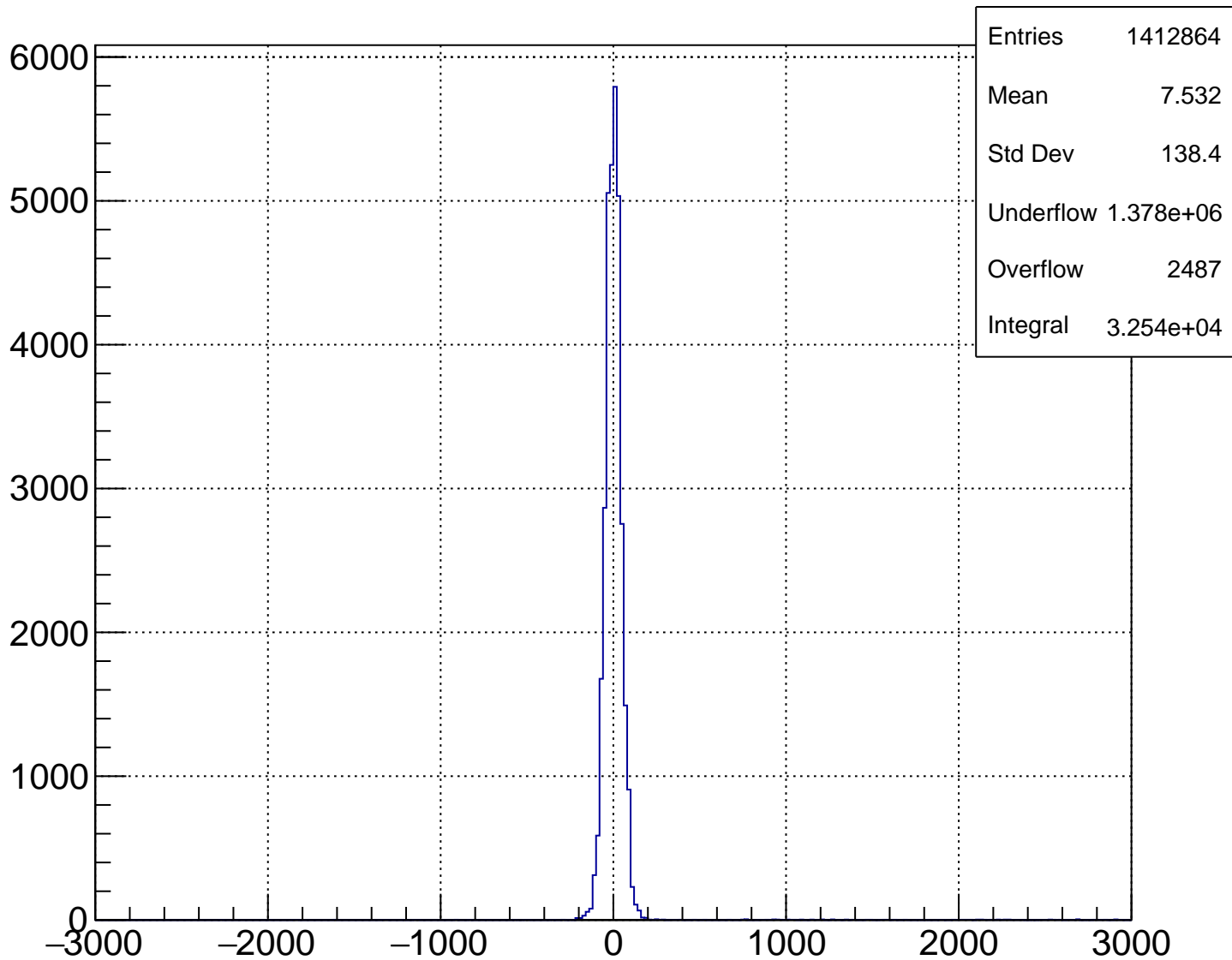




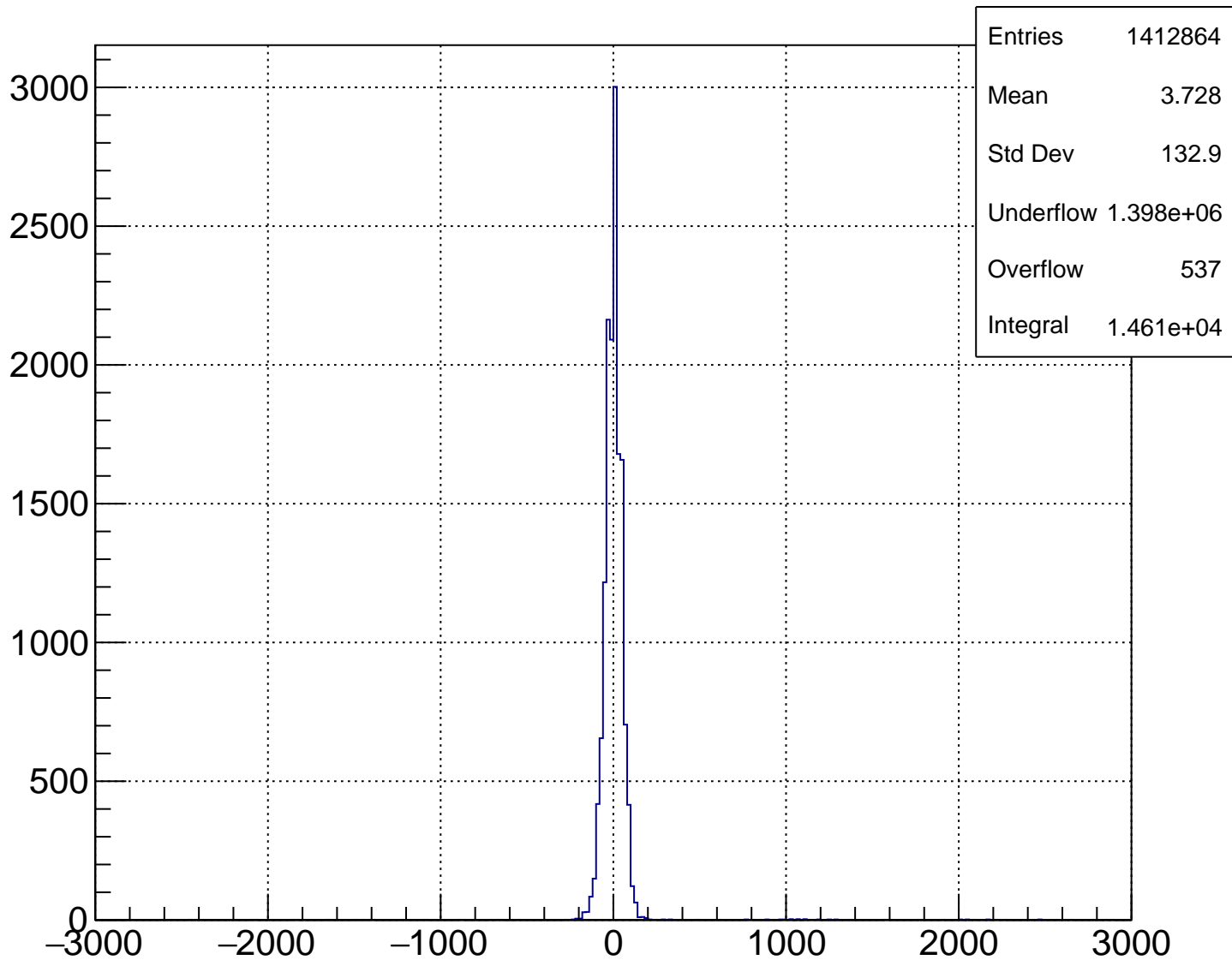
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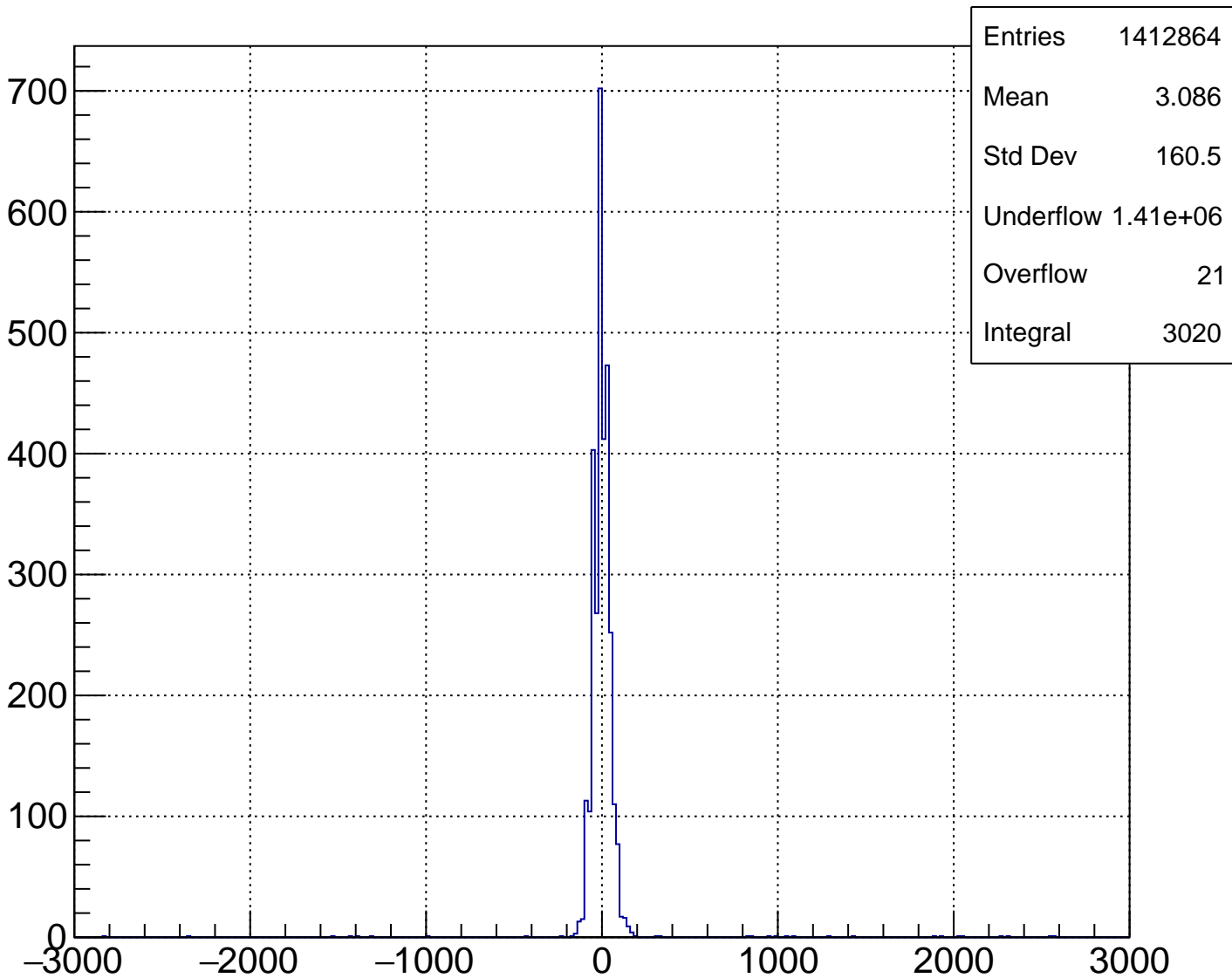
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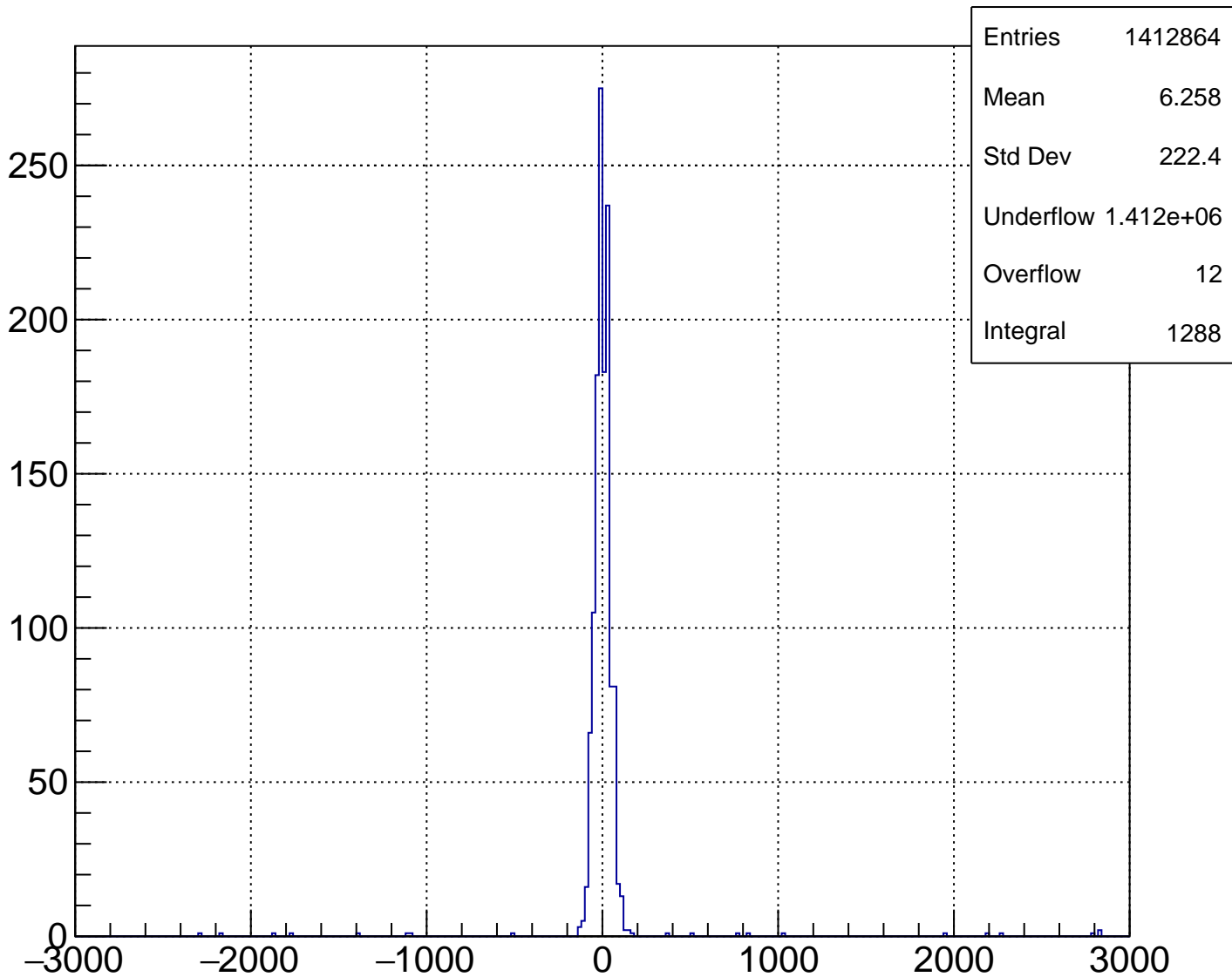
# BH2\_5DT0



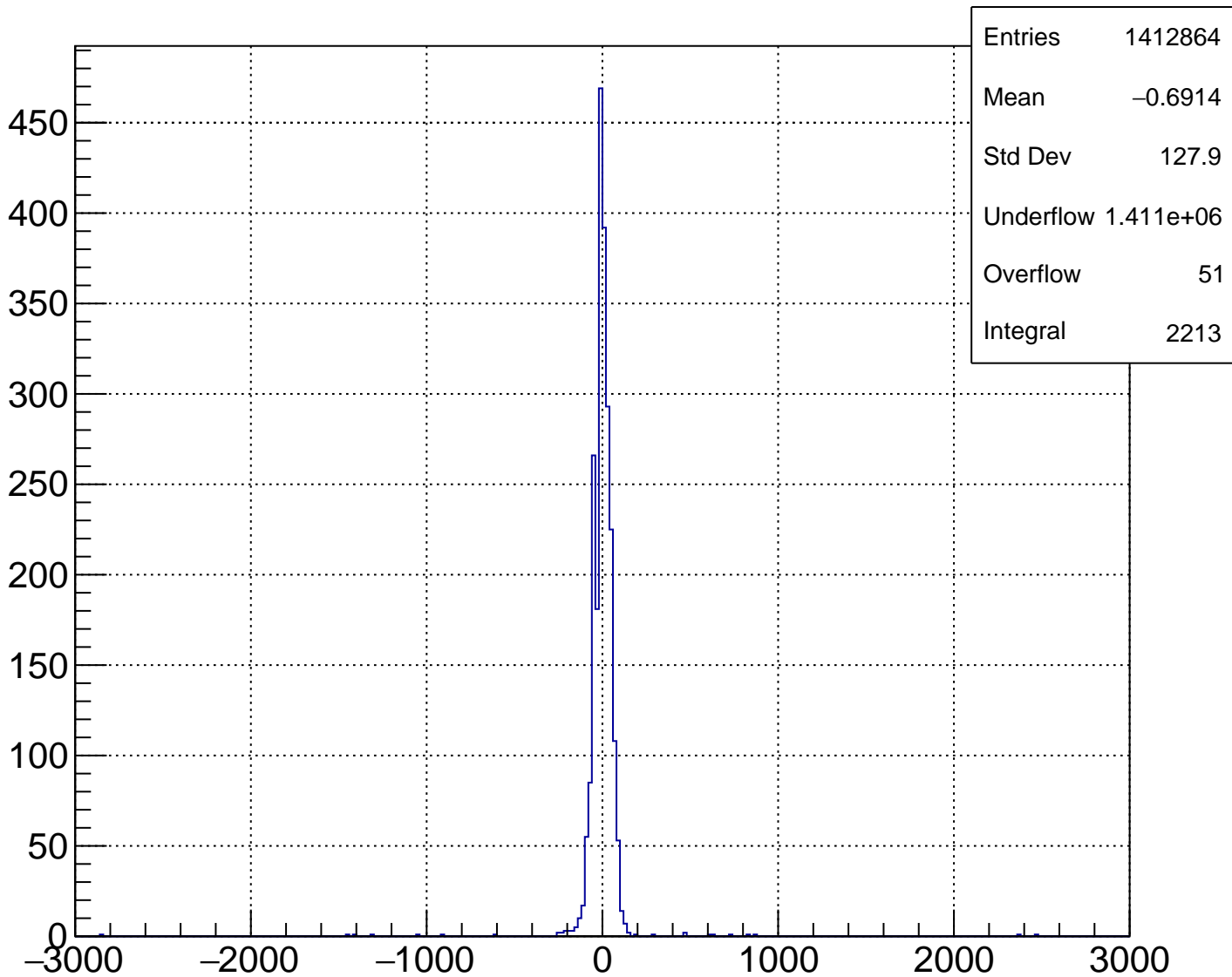
# BH2\_6DT0



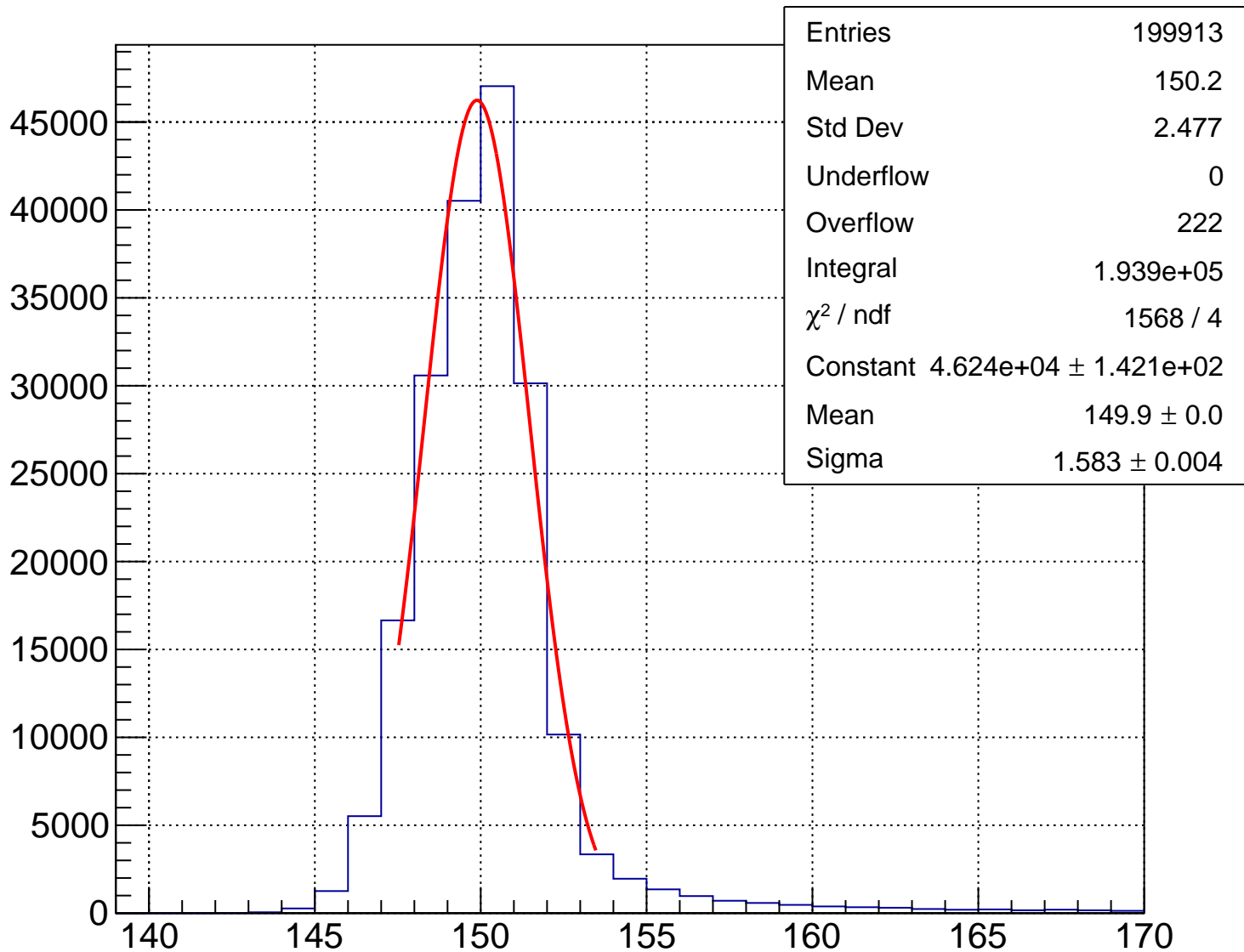
# BH2\_7DT0



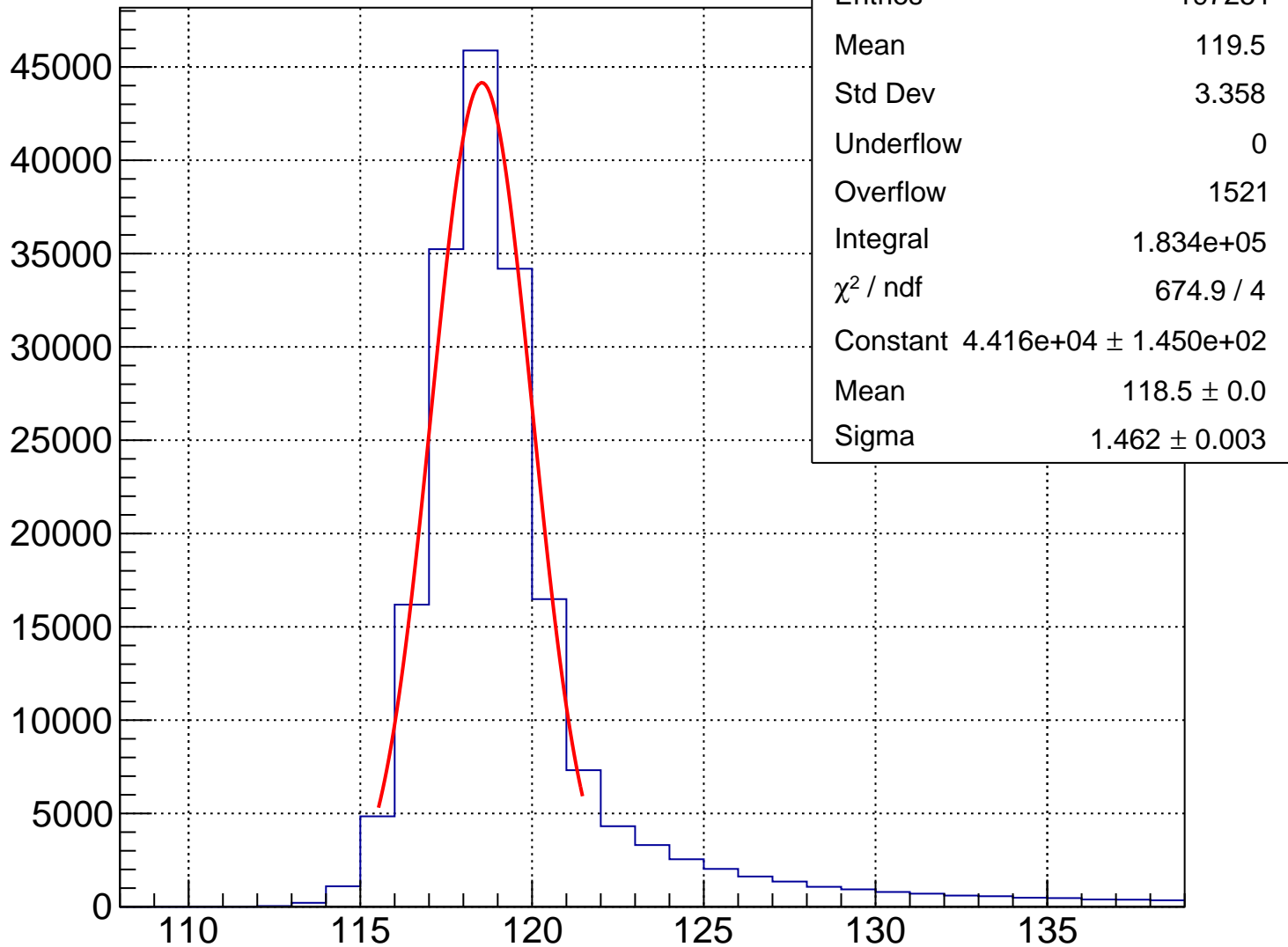
# BH2\_8DT0



# BH1UBG1

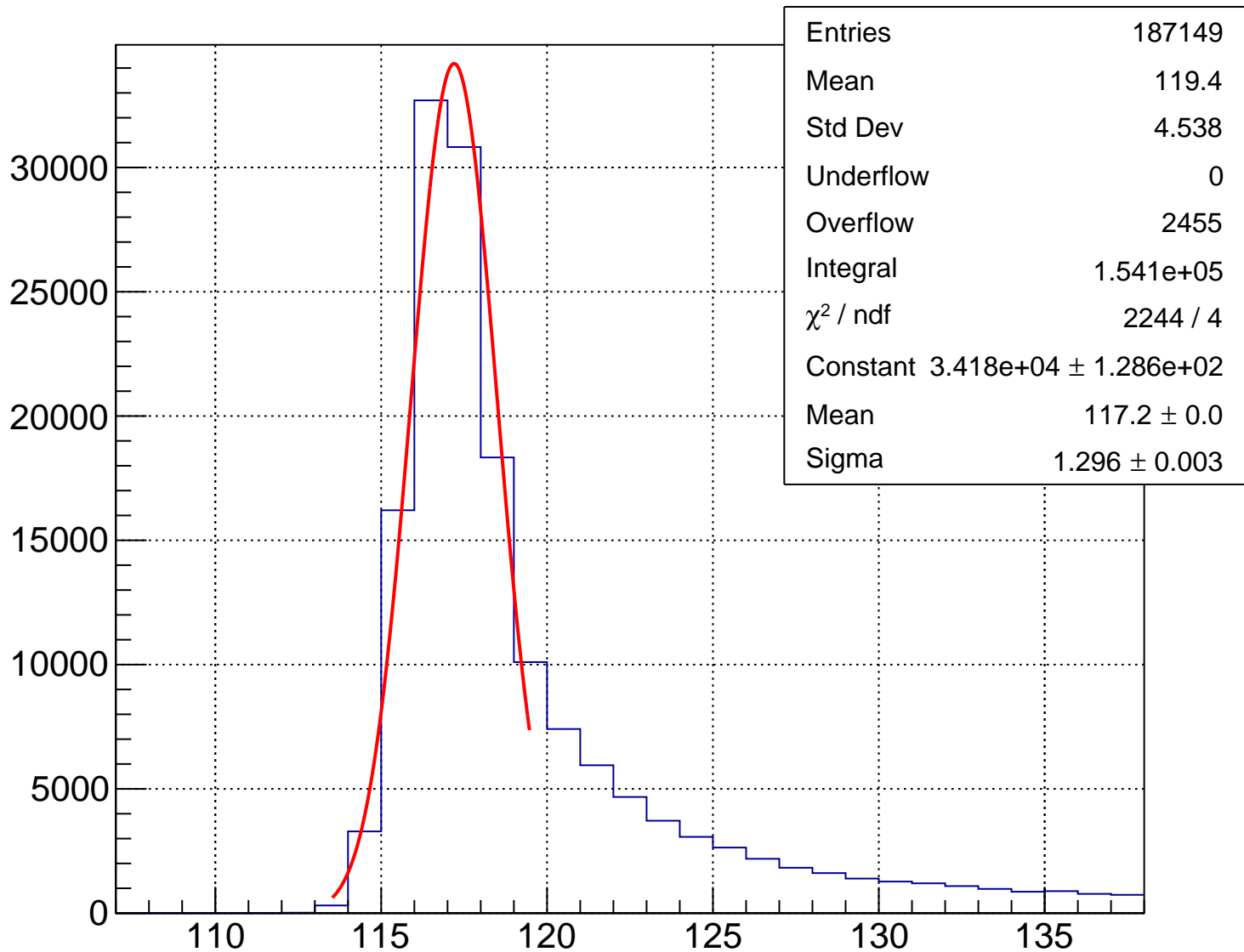


# BH1UBG2

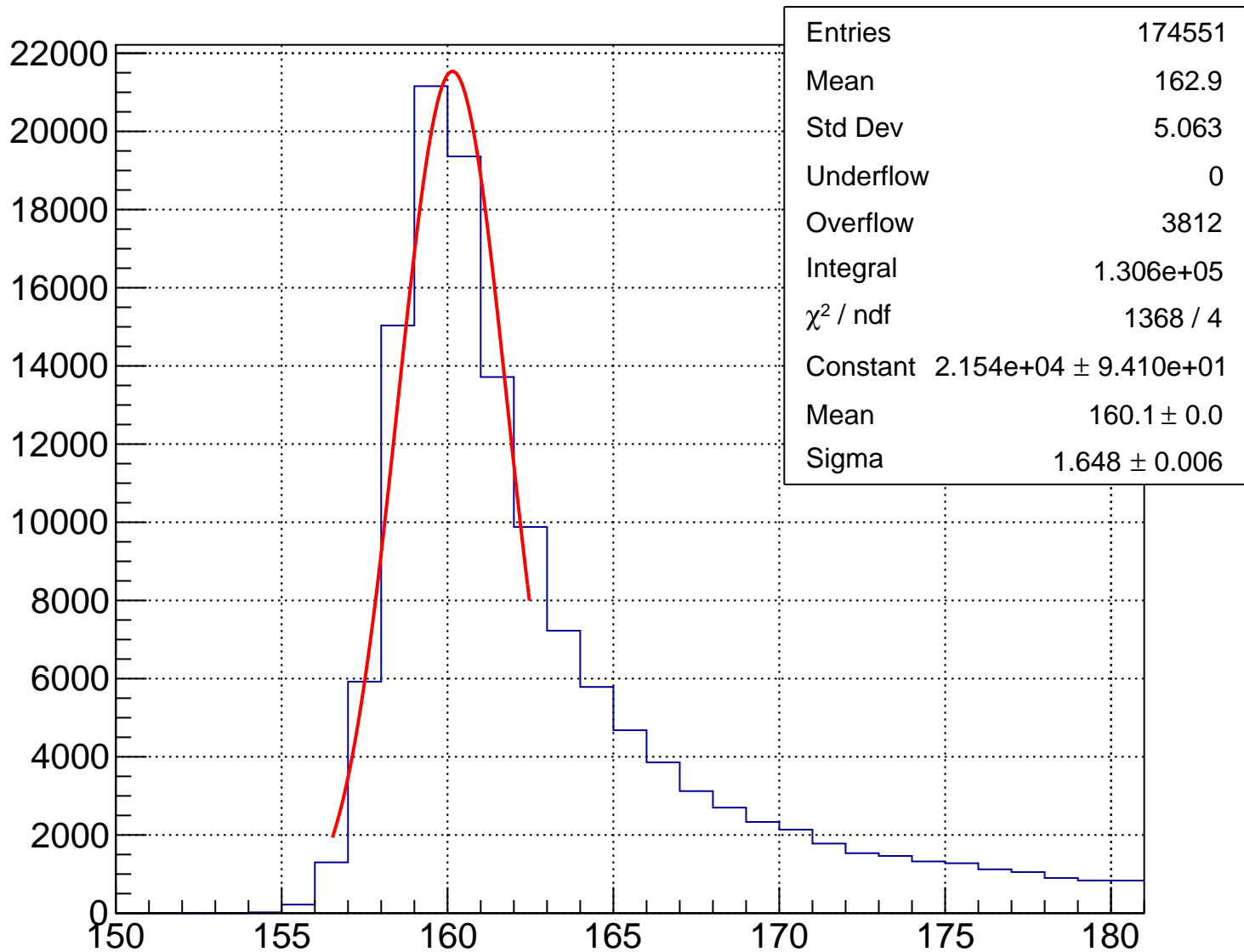




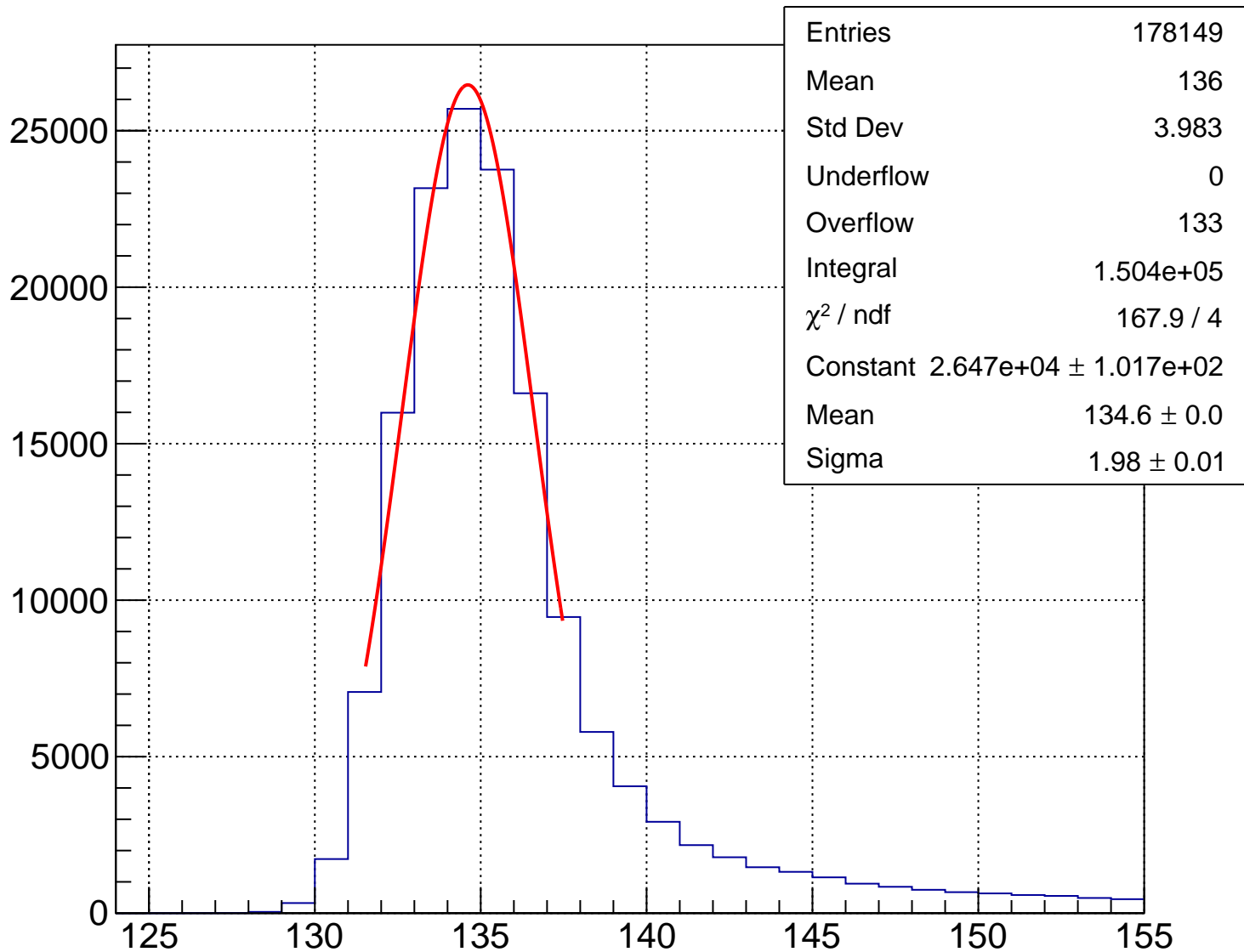
# BH1UBG3



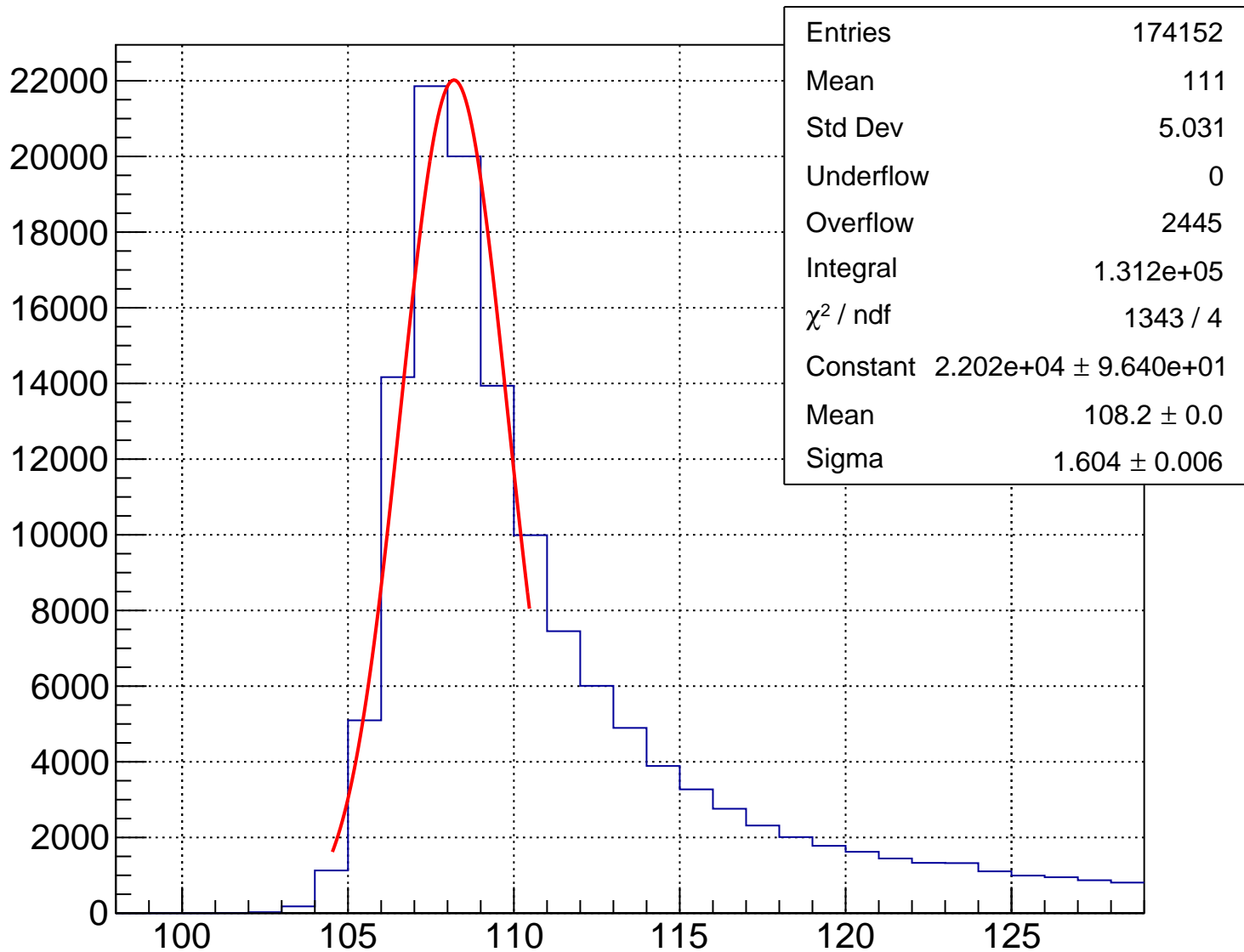
# BH1UBG4



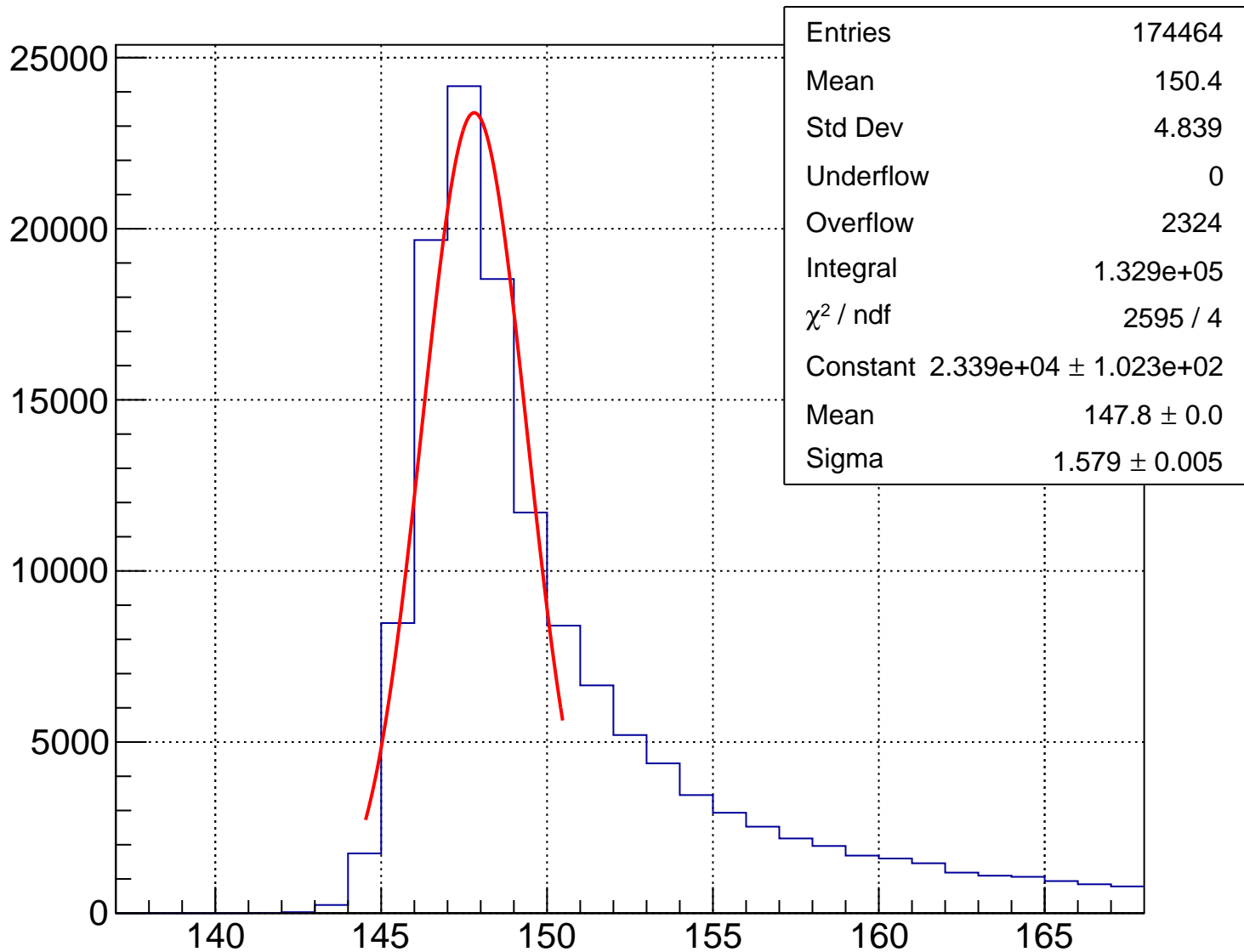
# BH1UBG5



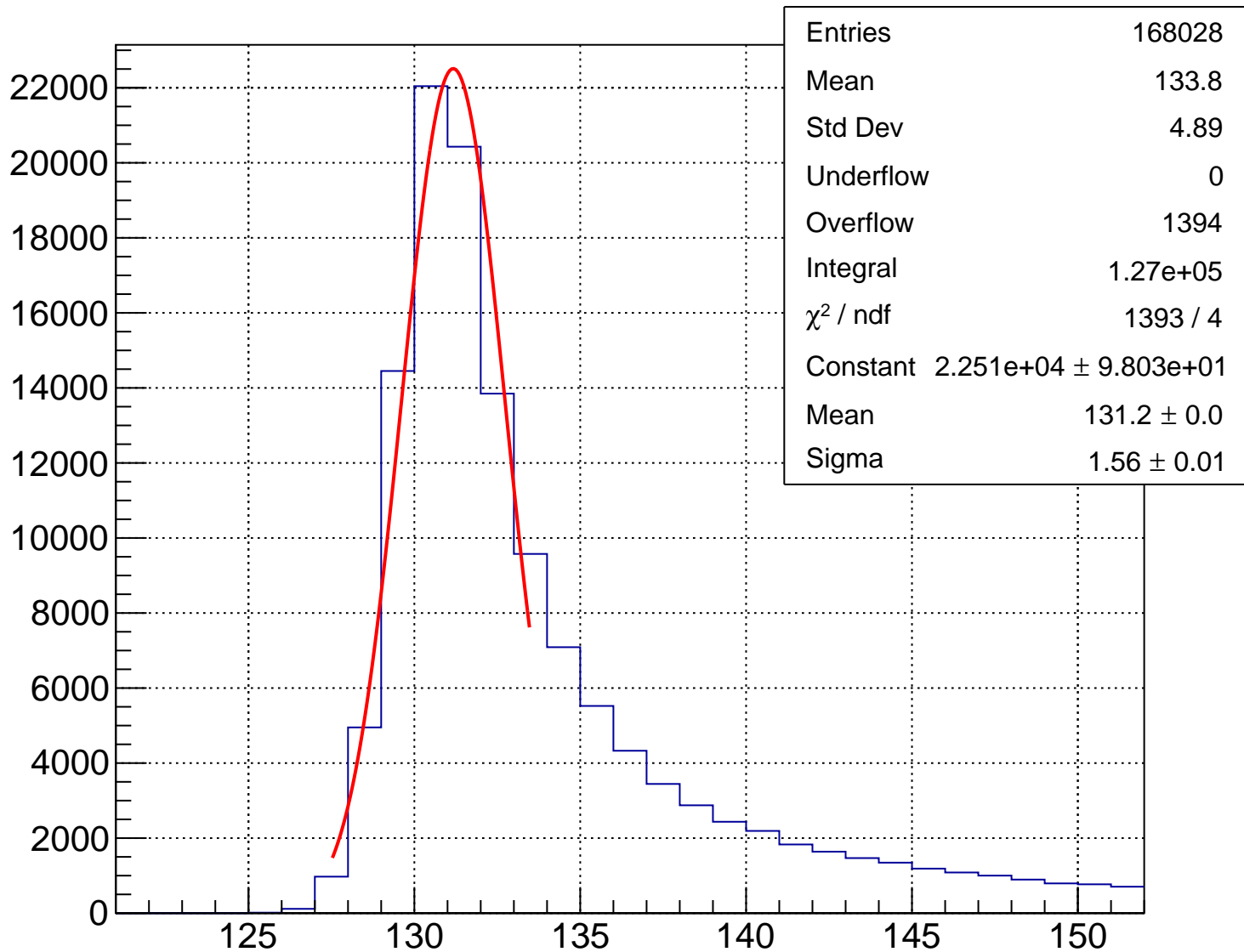
# BH1UBG6



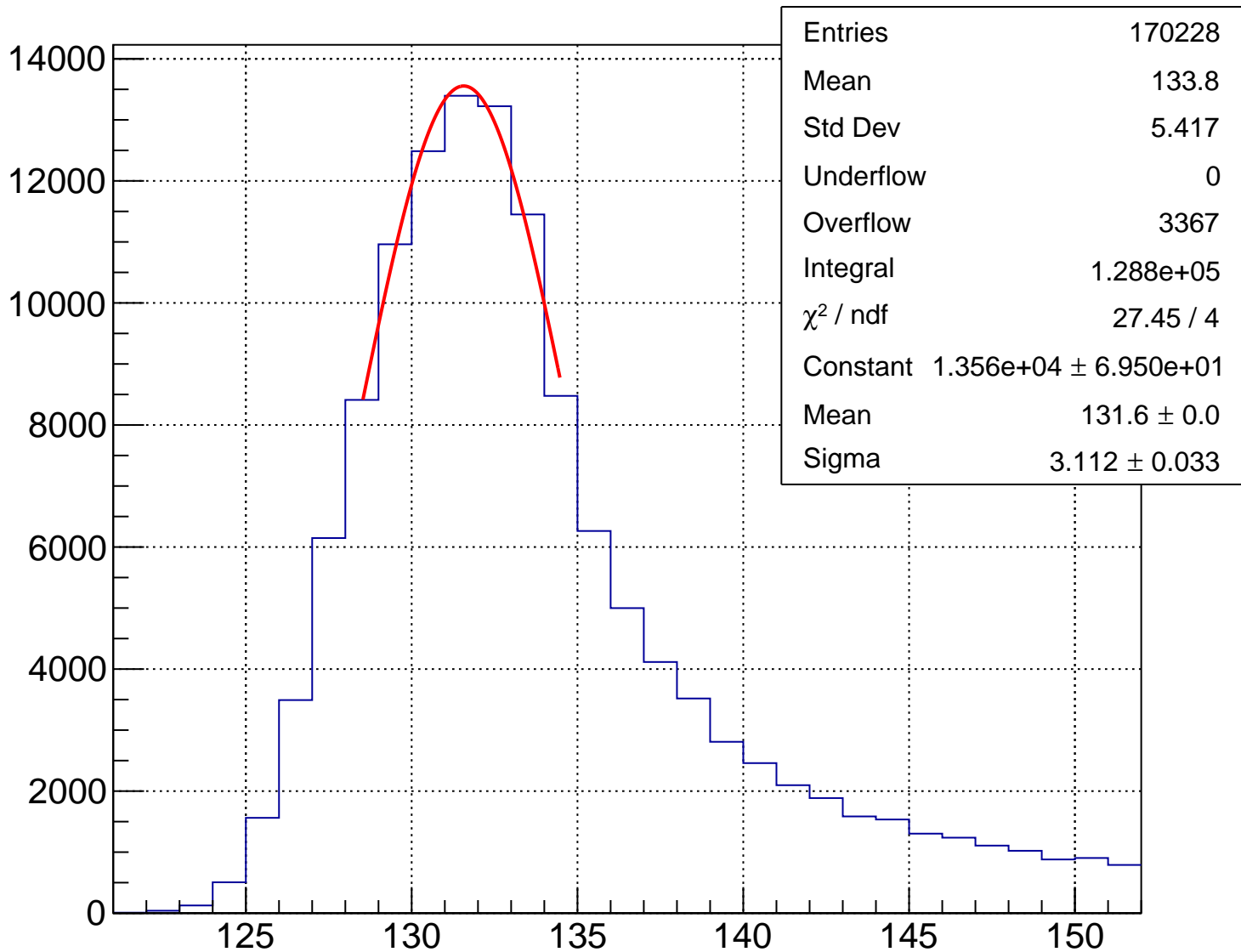
# BH1UBG7



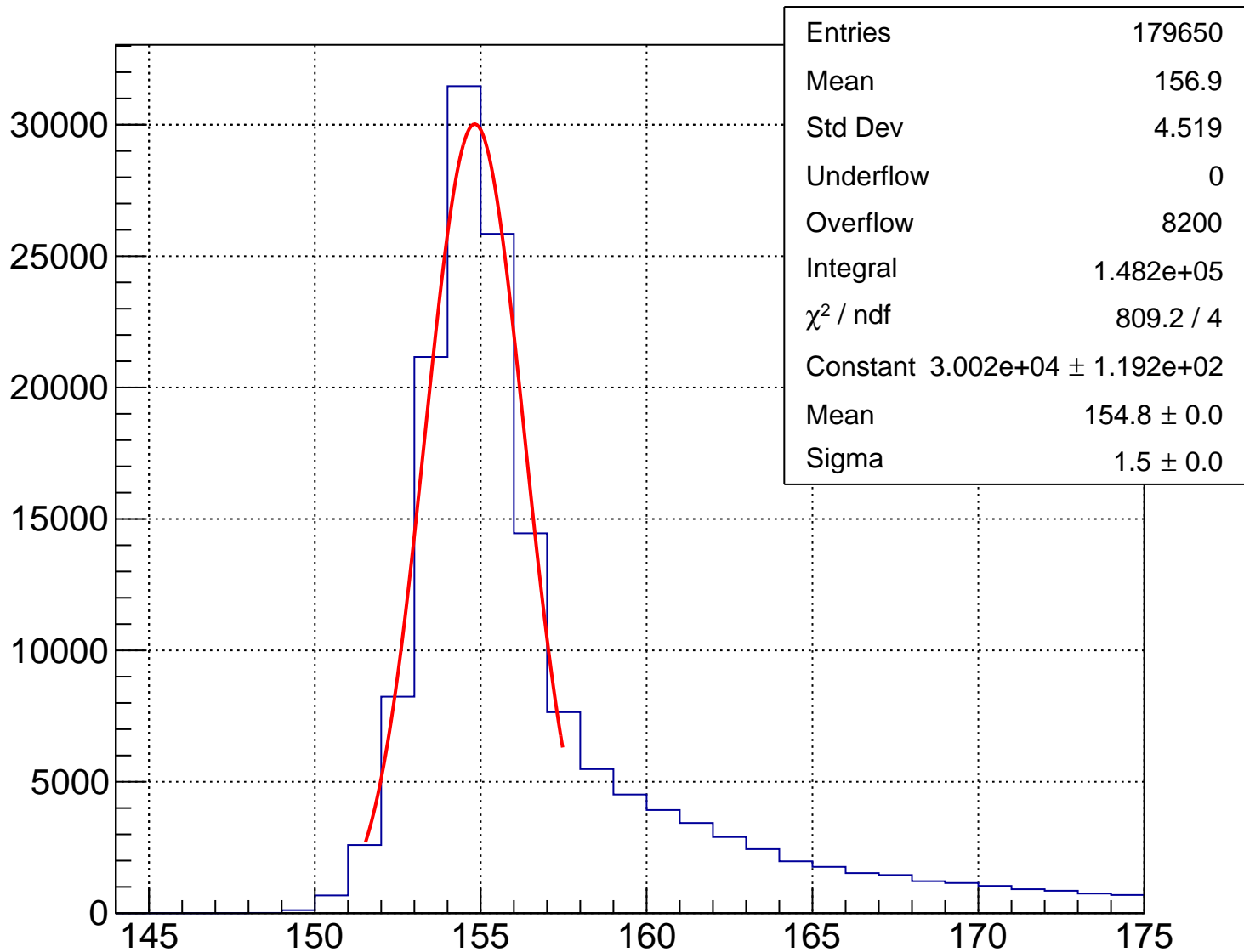
# BH1UBG8



# BH1UBG9

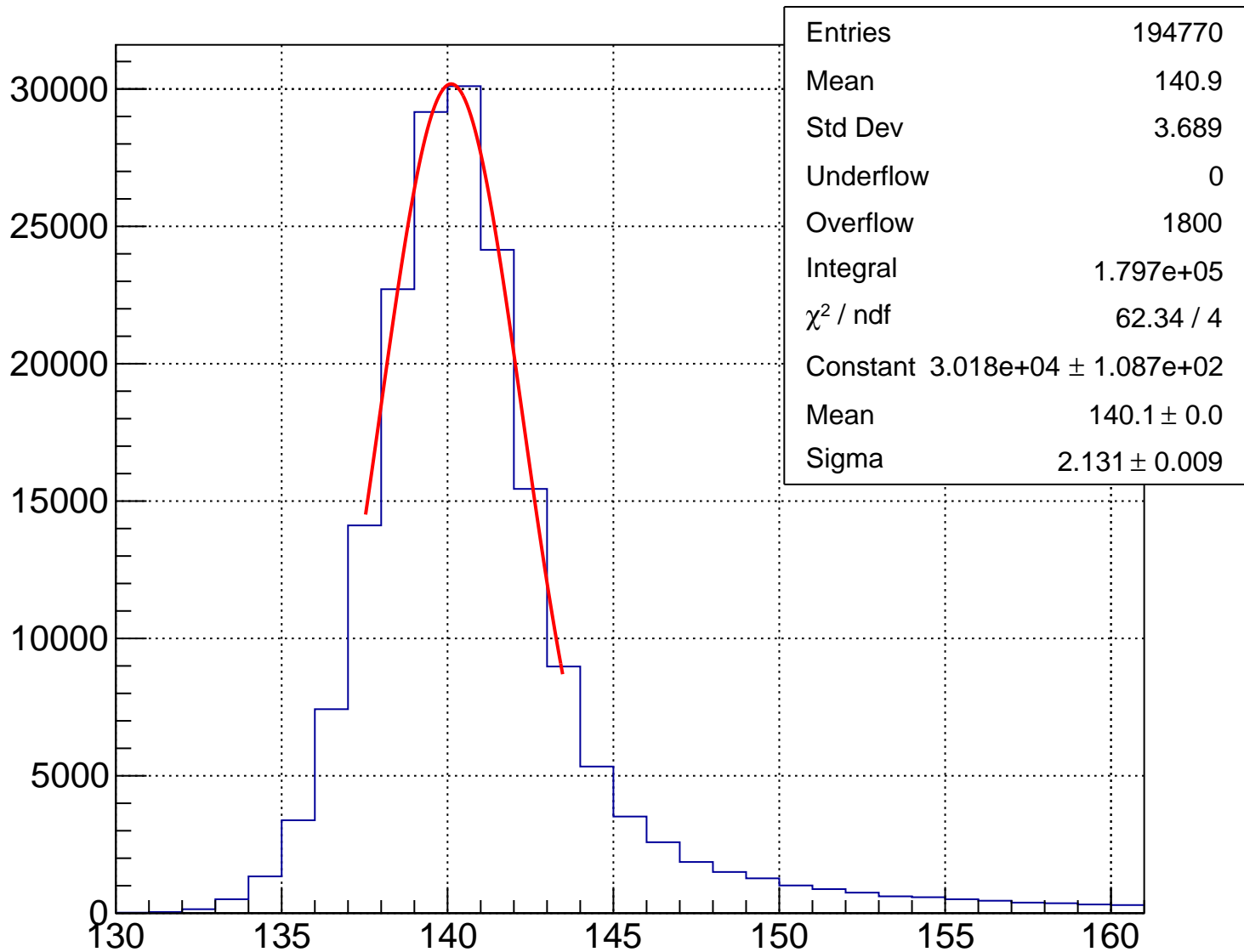


# BH1UBG10

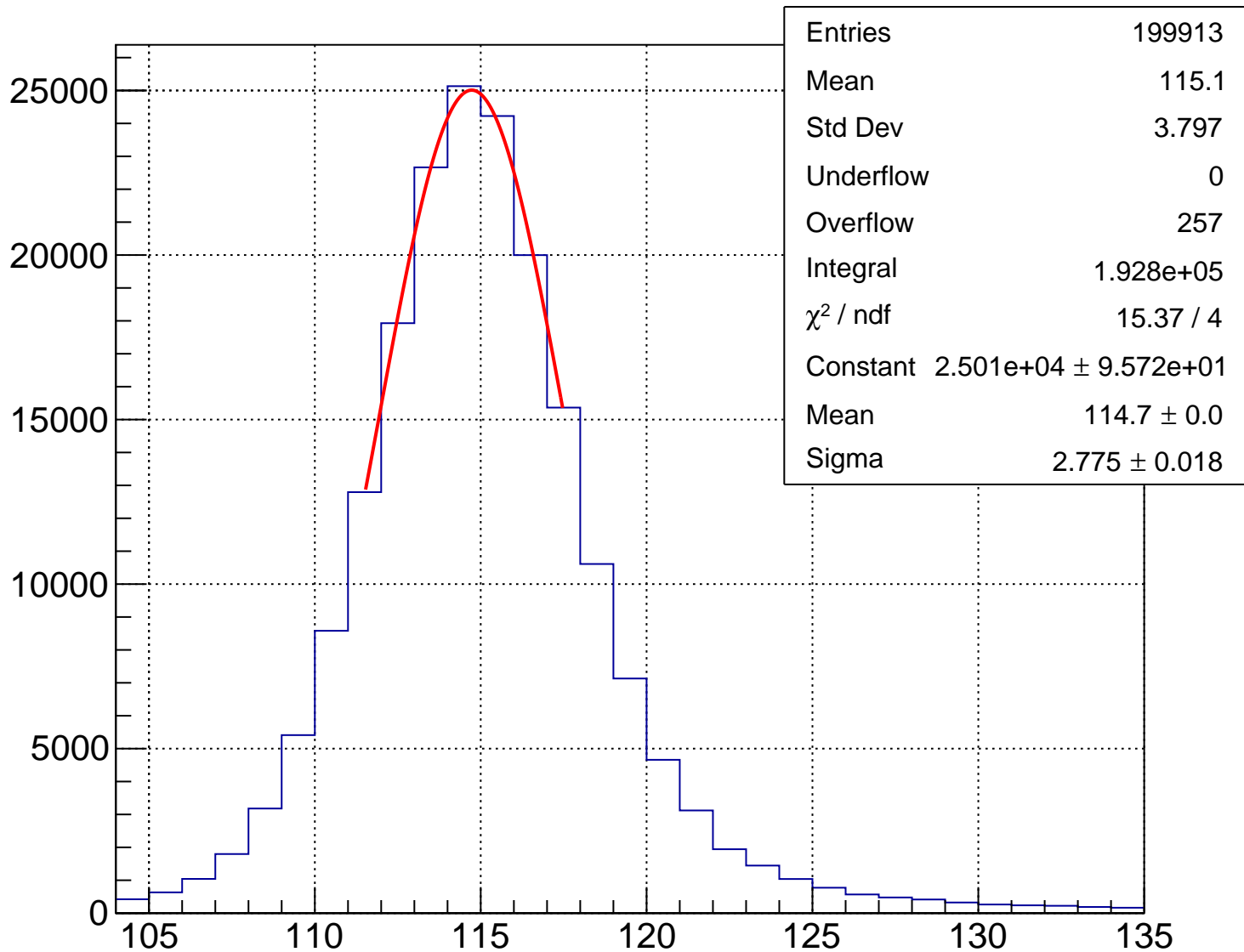




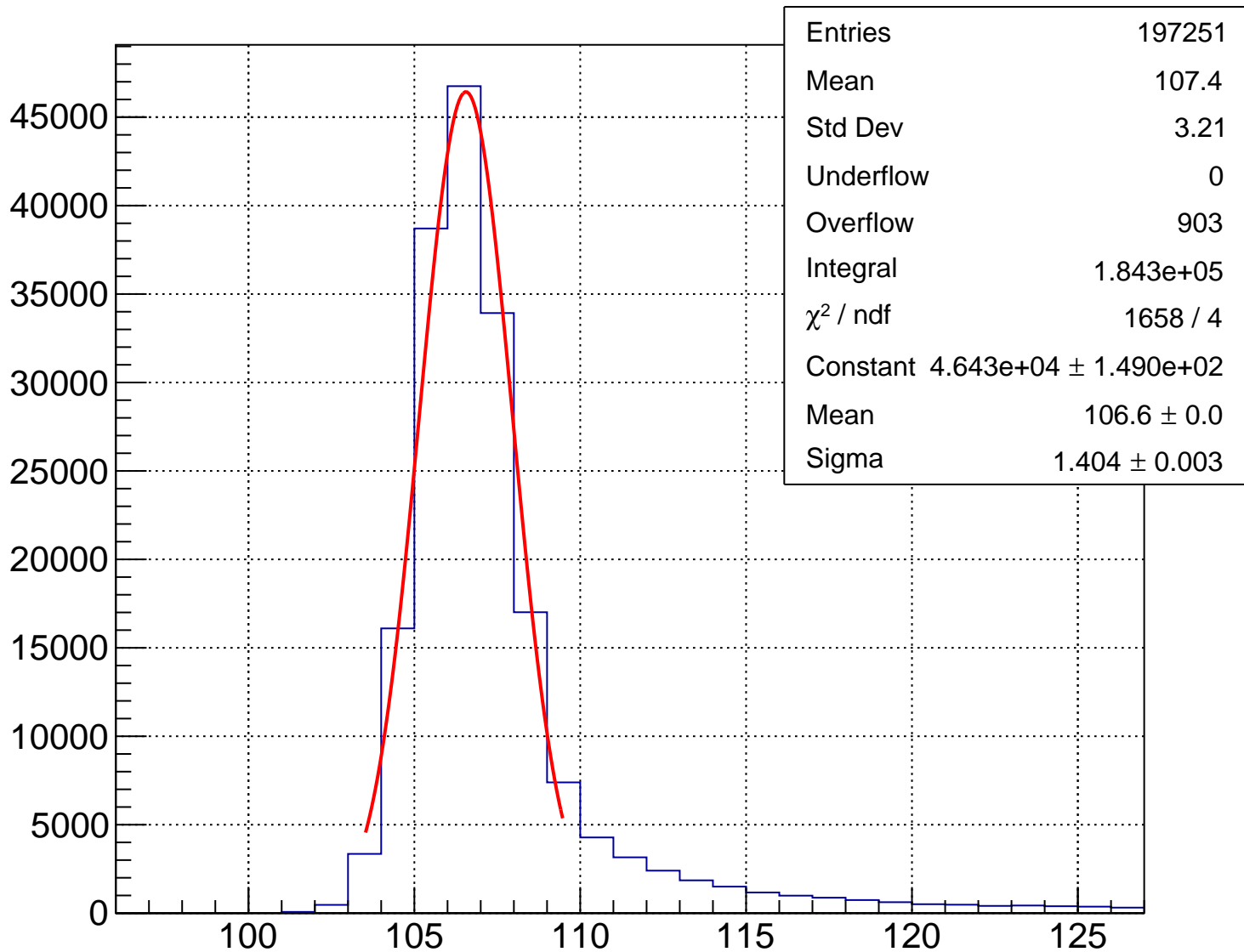
# BH1UBG11



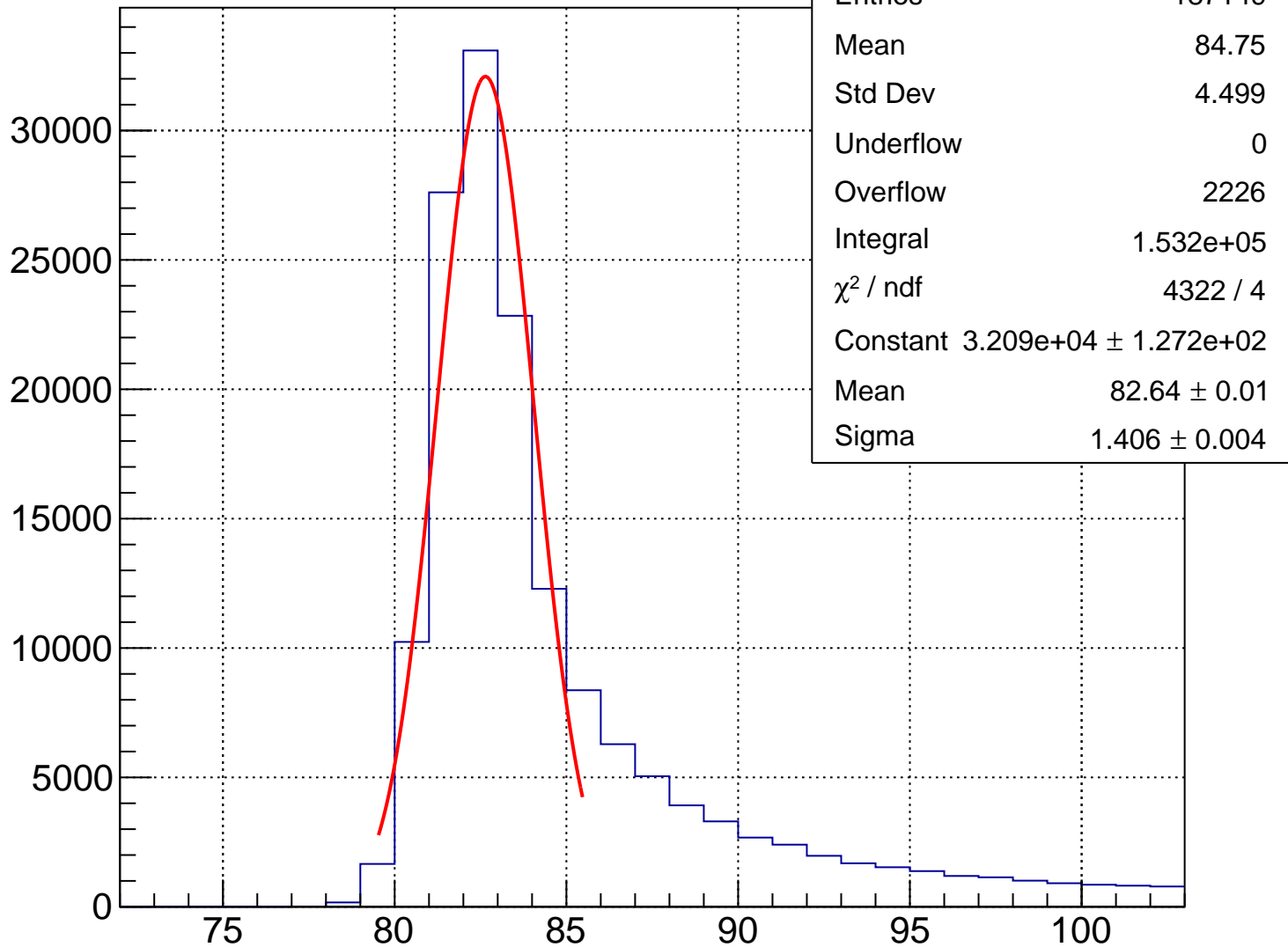
# BH1DBG1



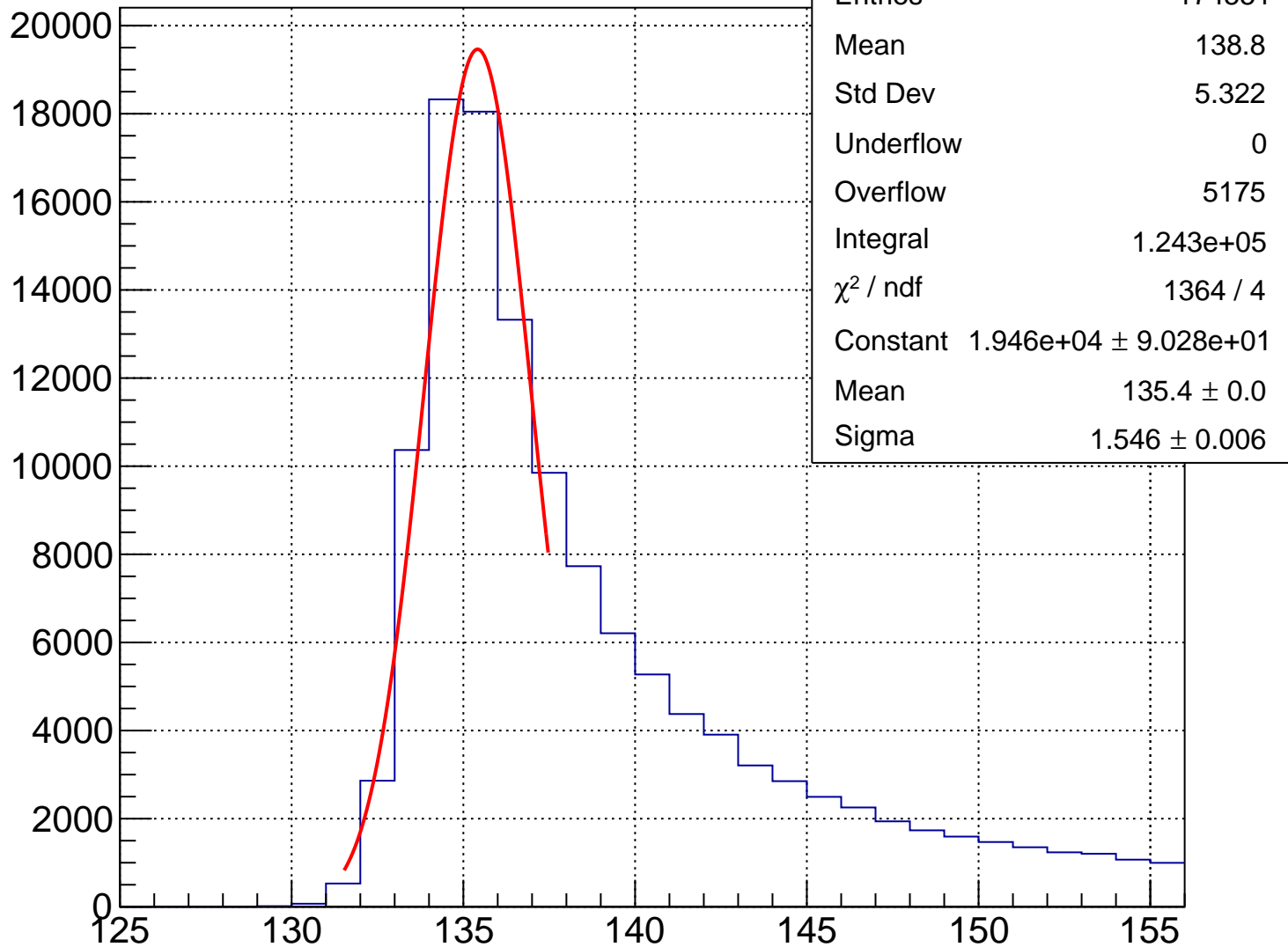
# BH1DBG2



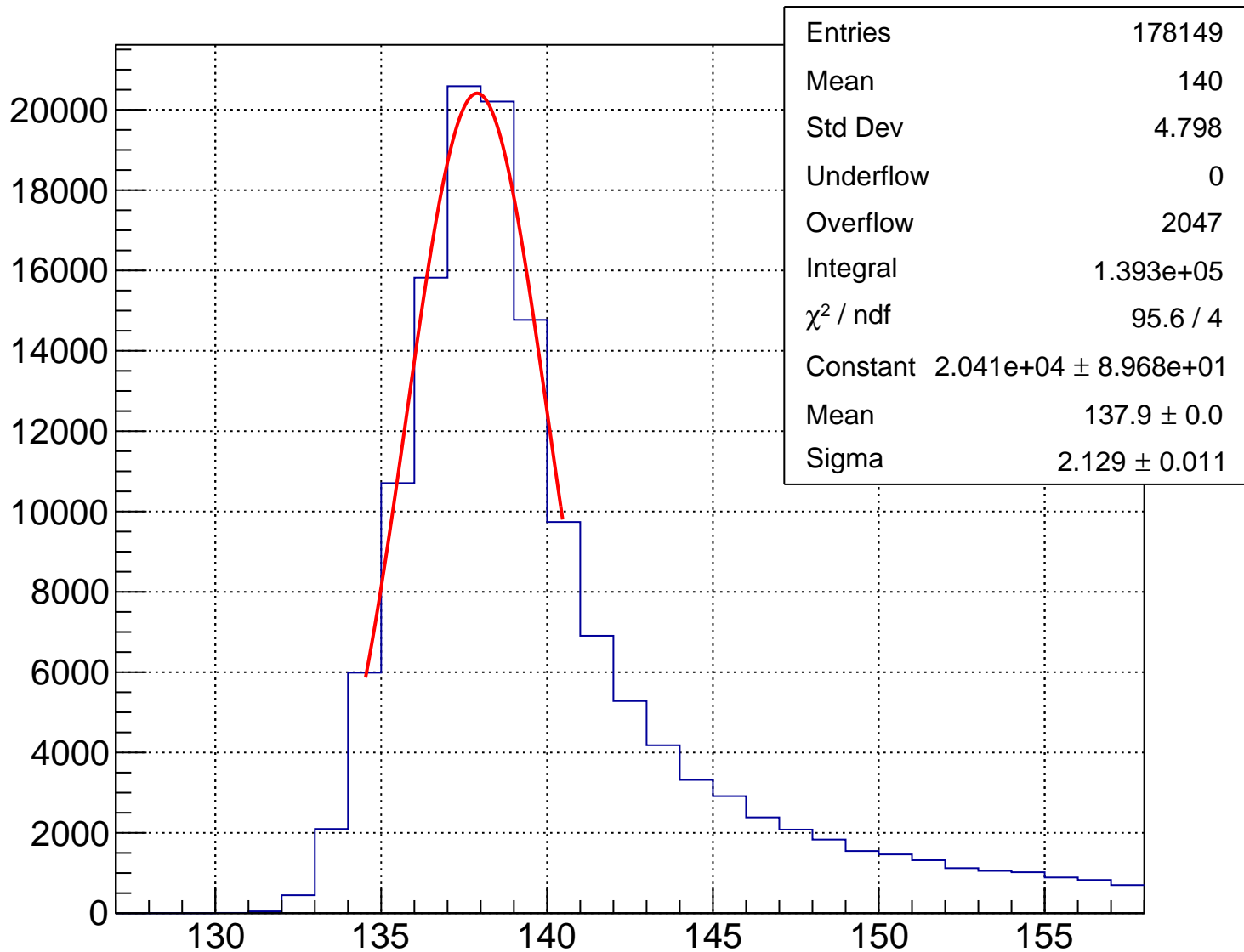
# BH1DBG3



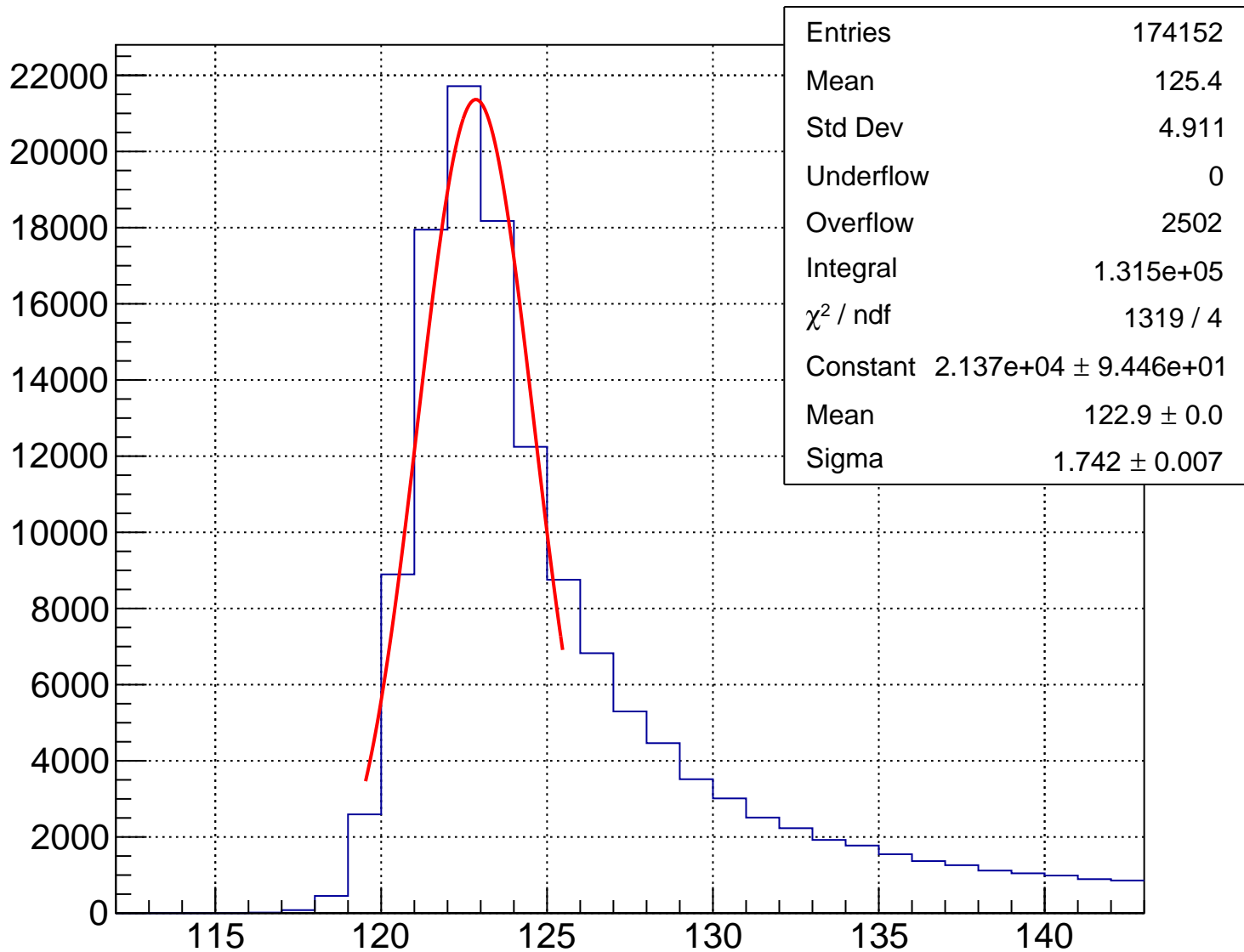
# BH1DBG4



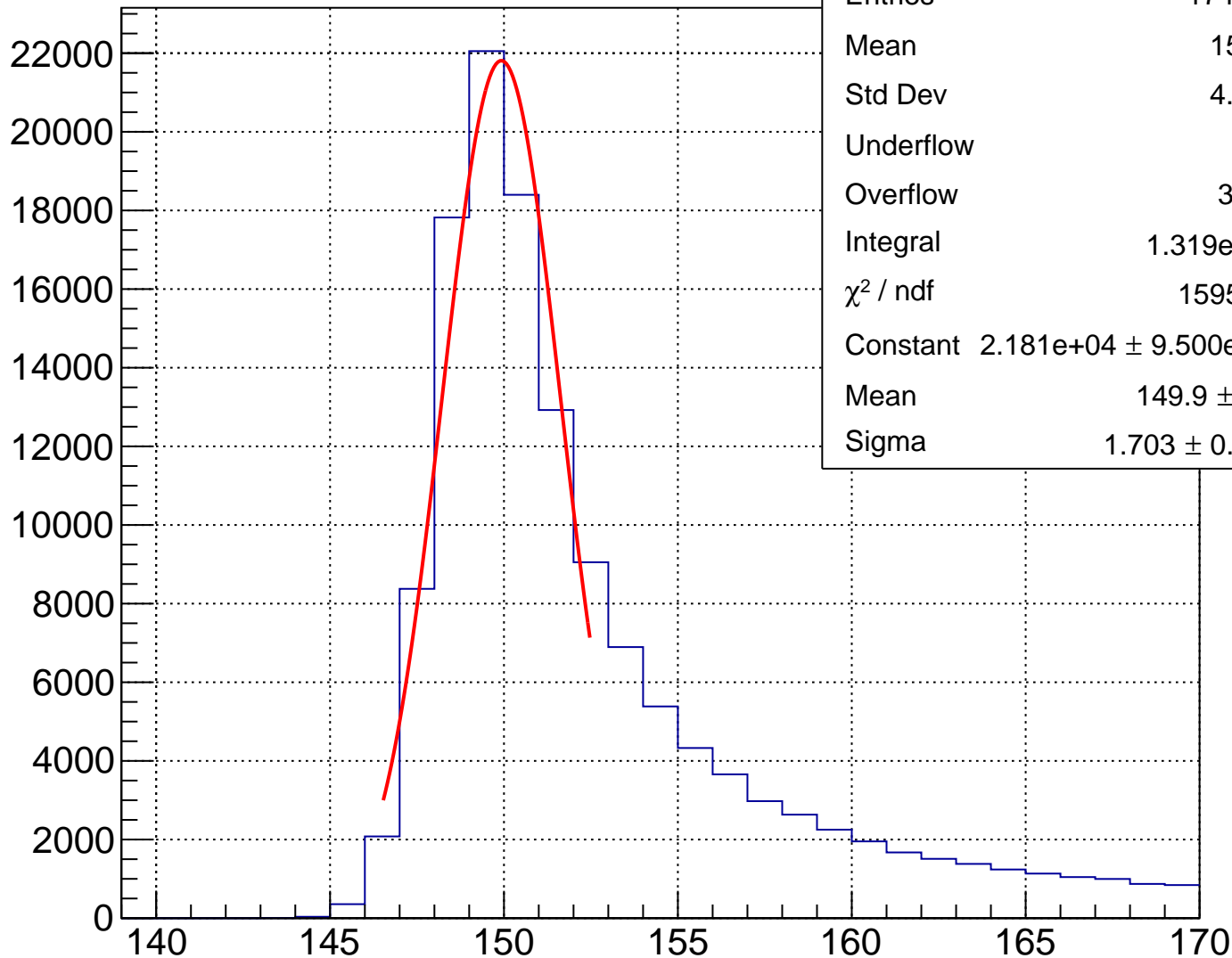
# BH1DBG5



# BH1DBG6

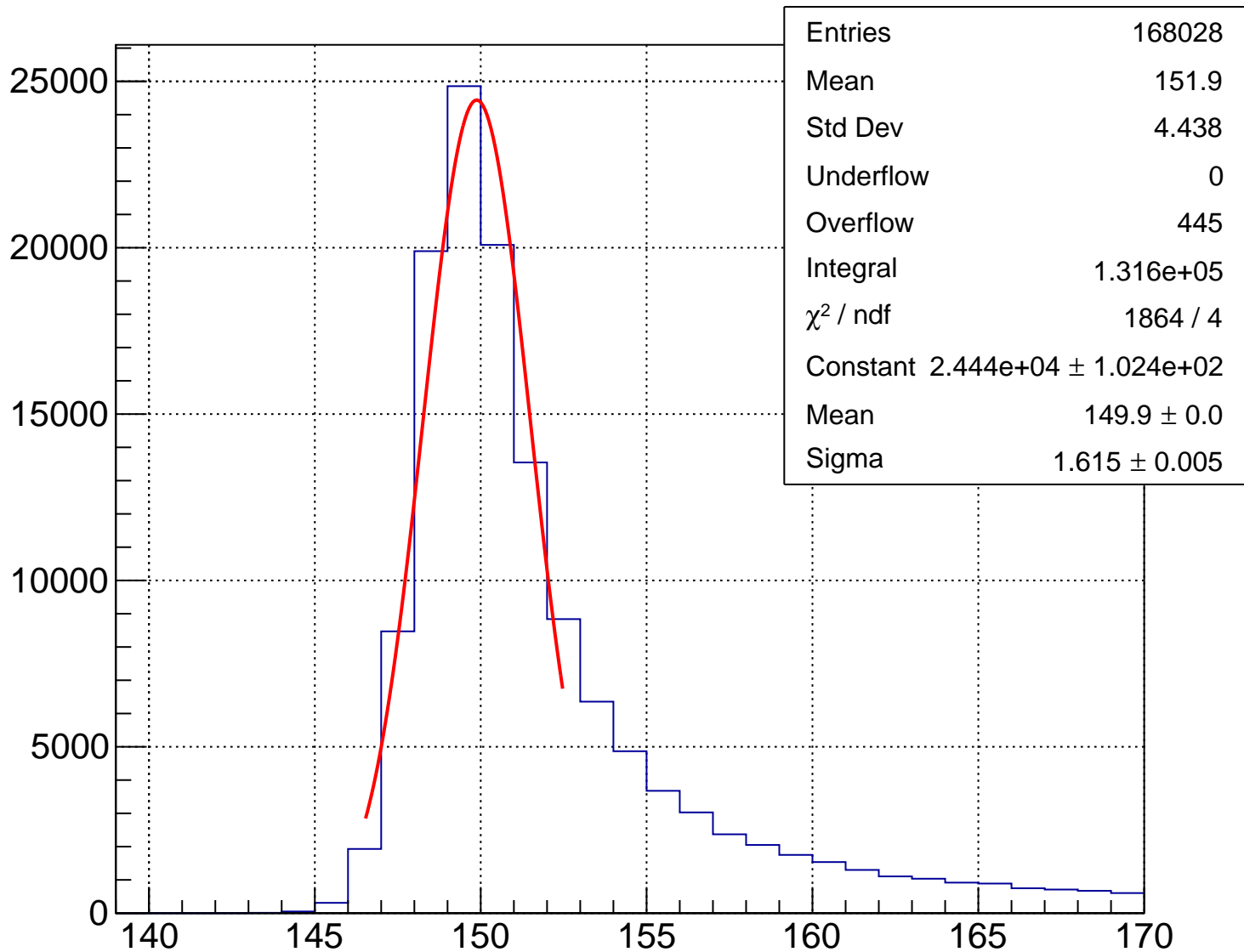


# BH1DBG7

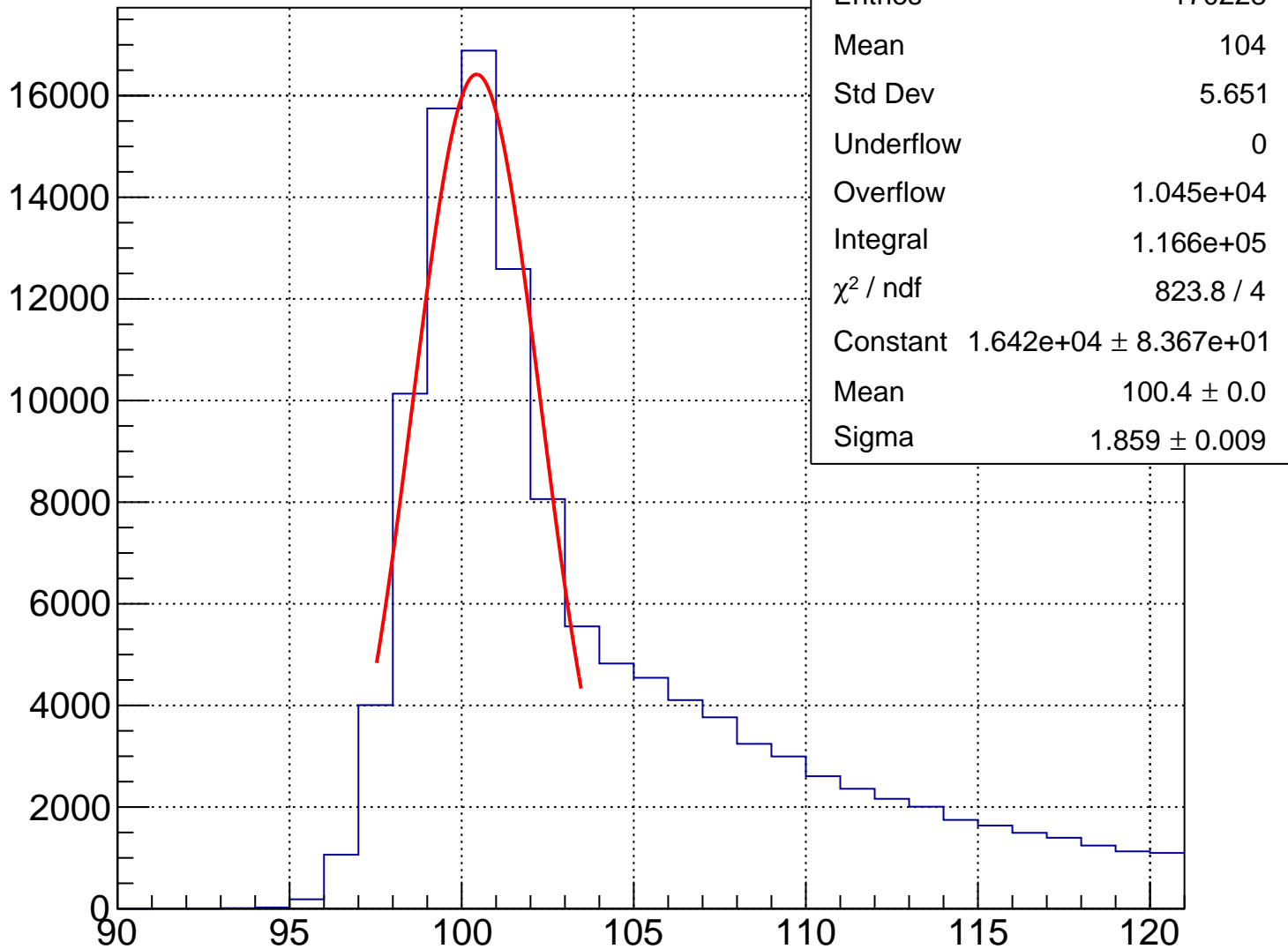




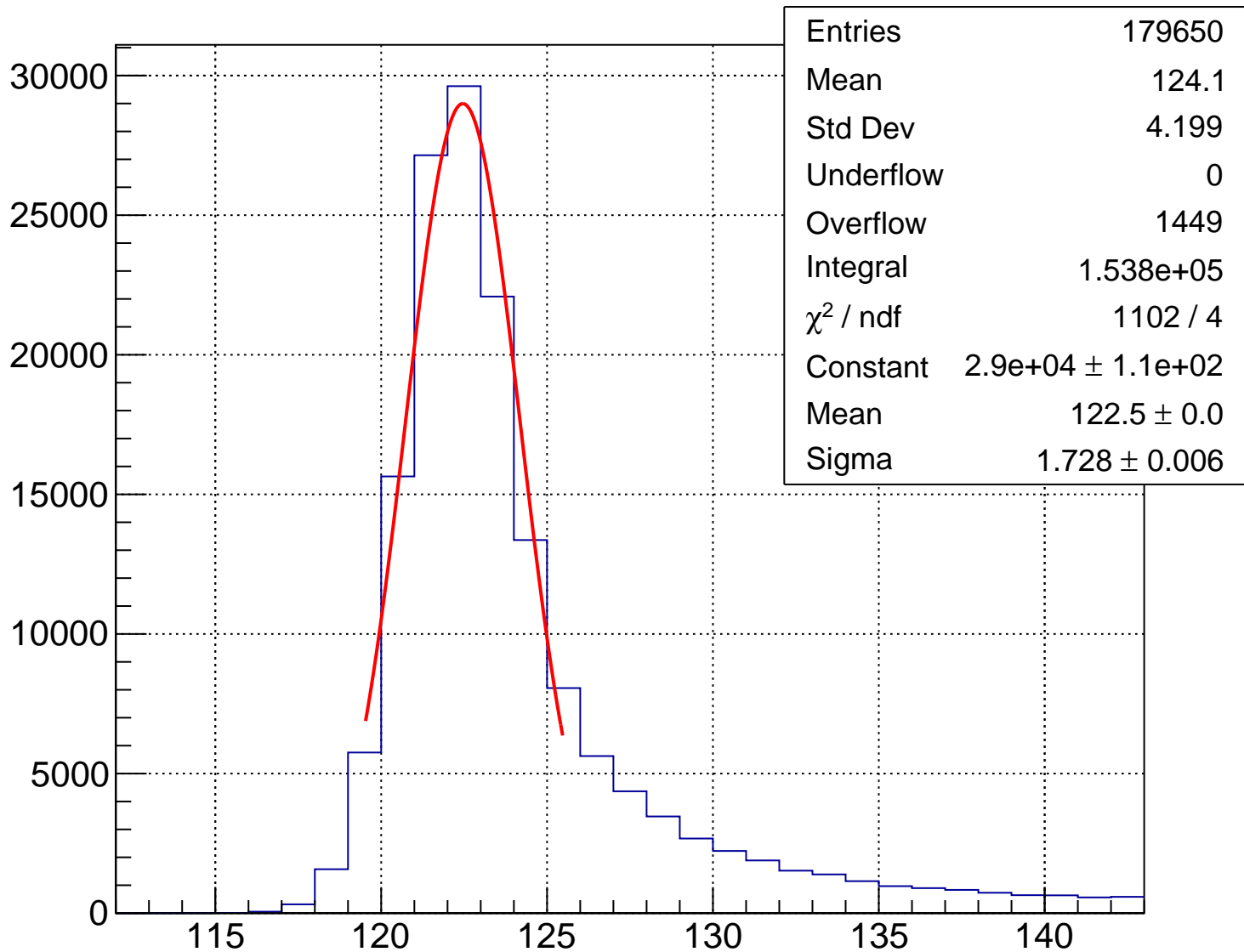
# BH1DBG8



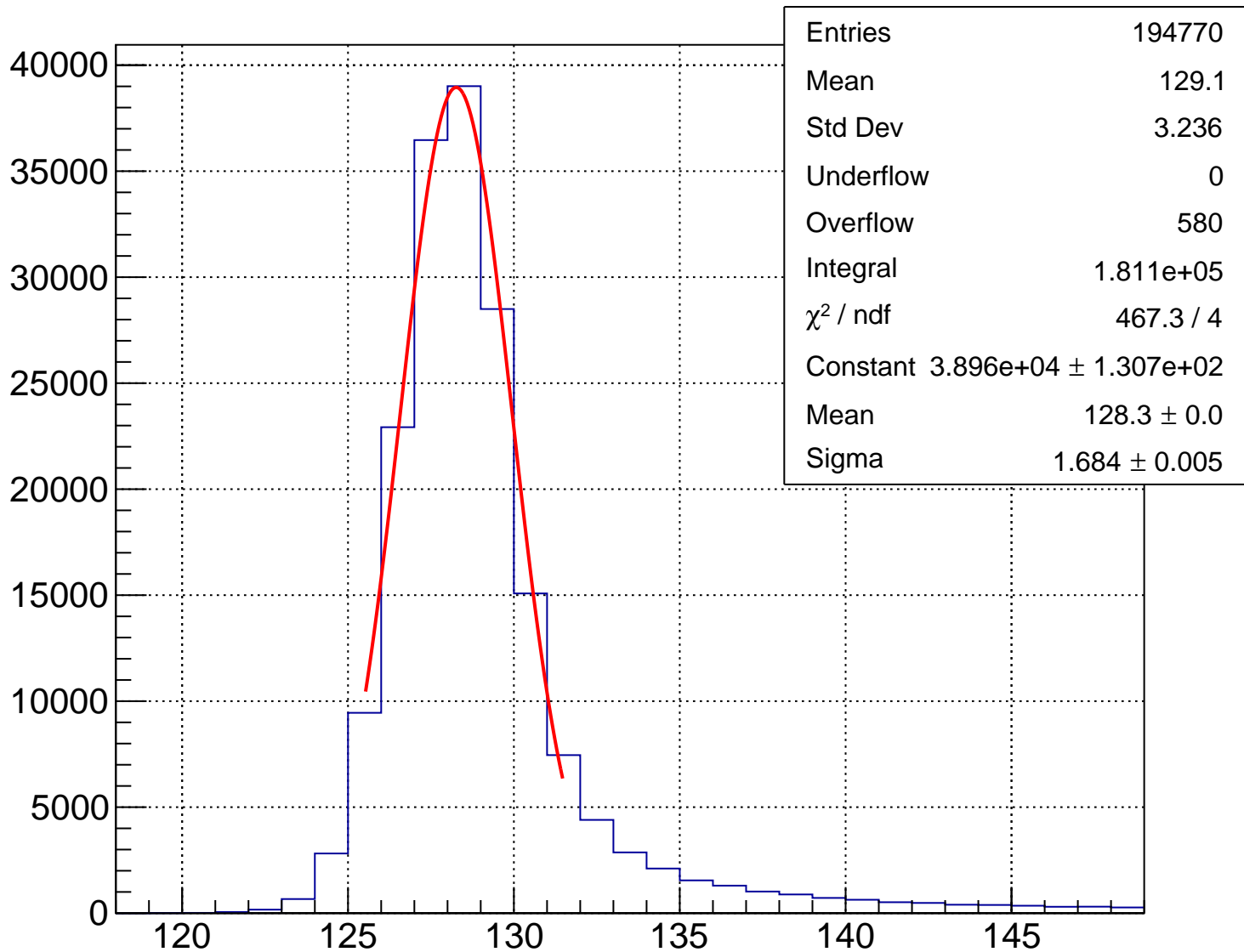
# BH1DBG9



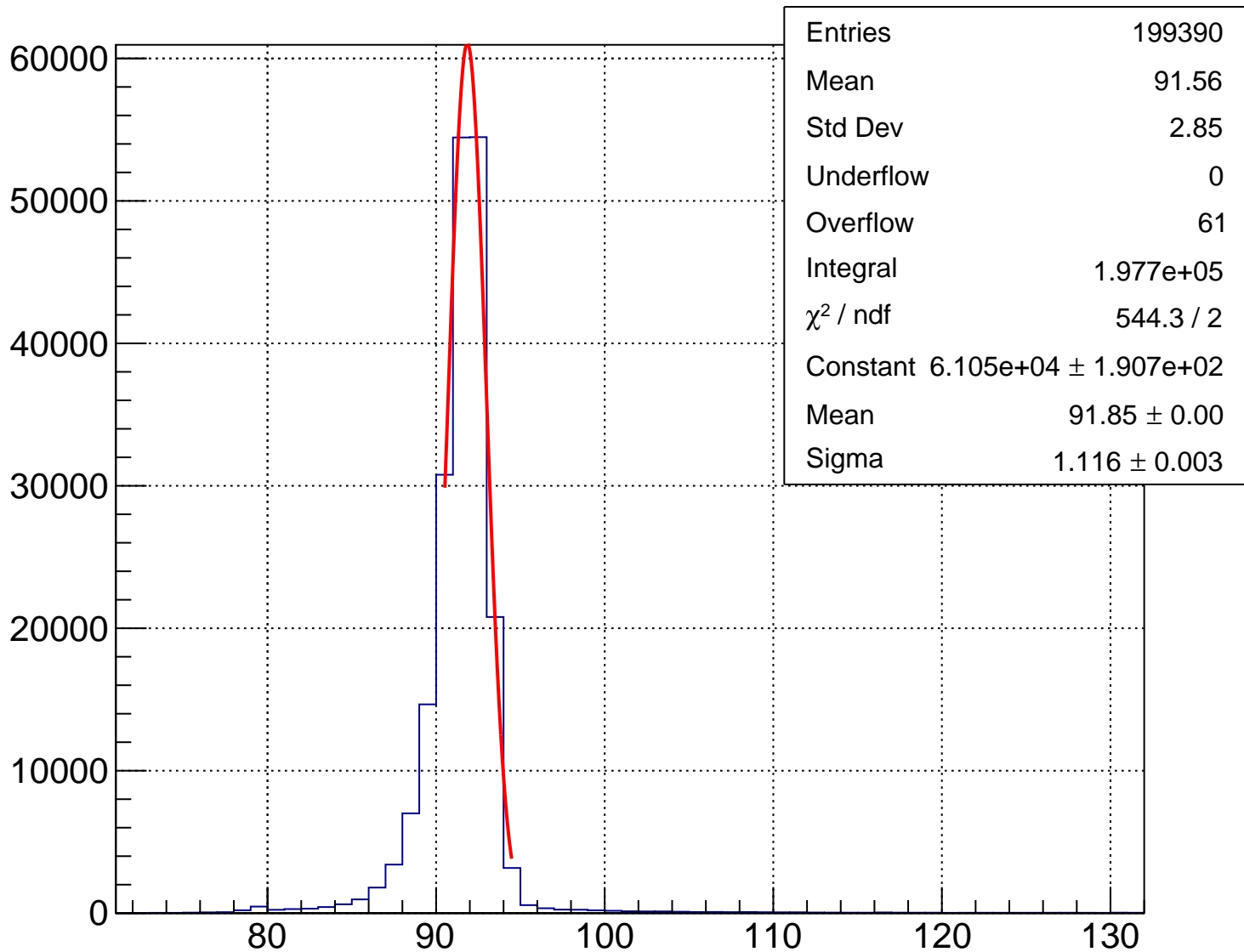
# BH1DBG10



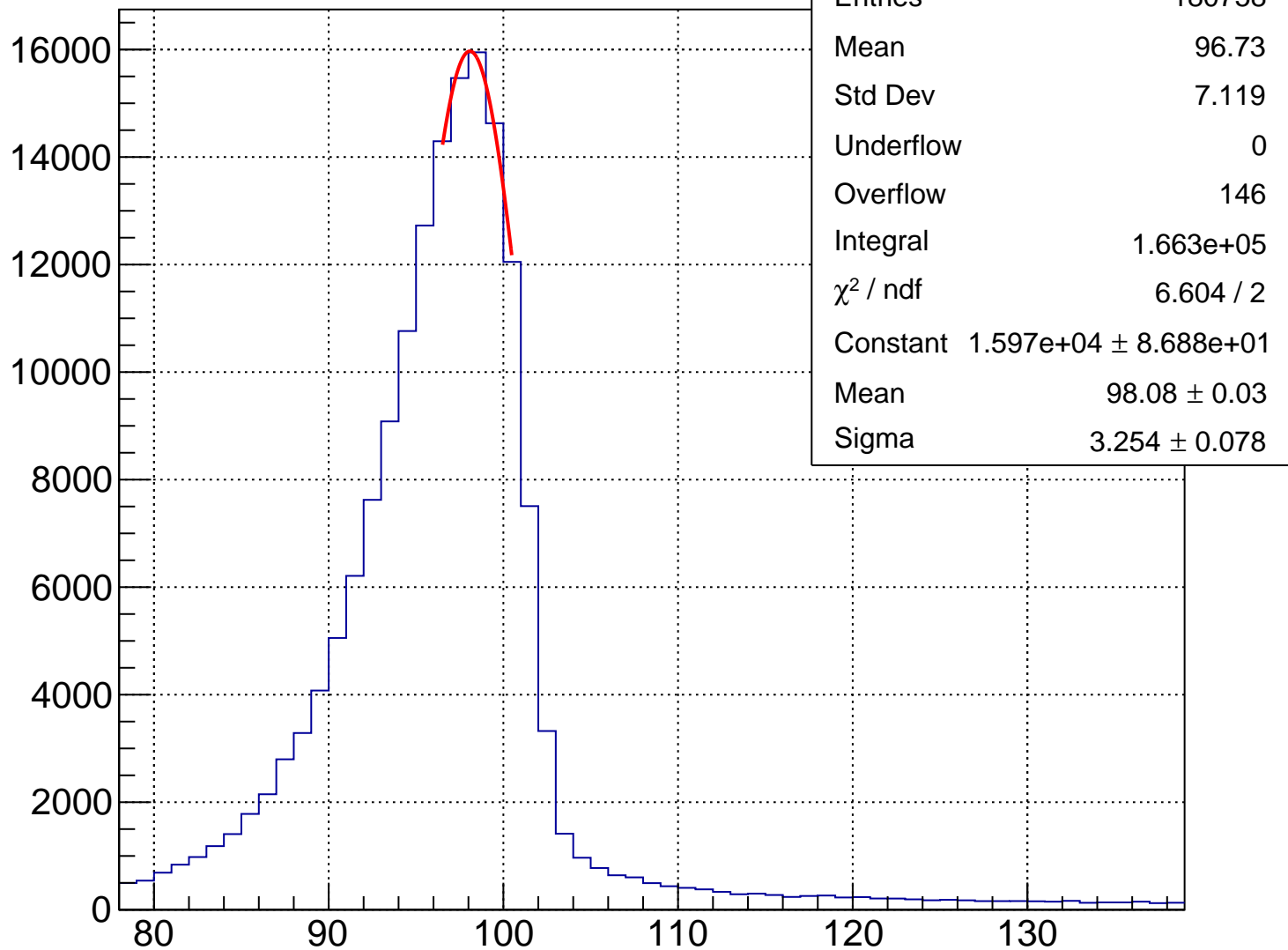
# BH1DBG11



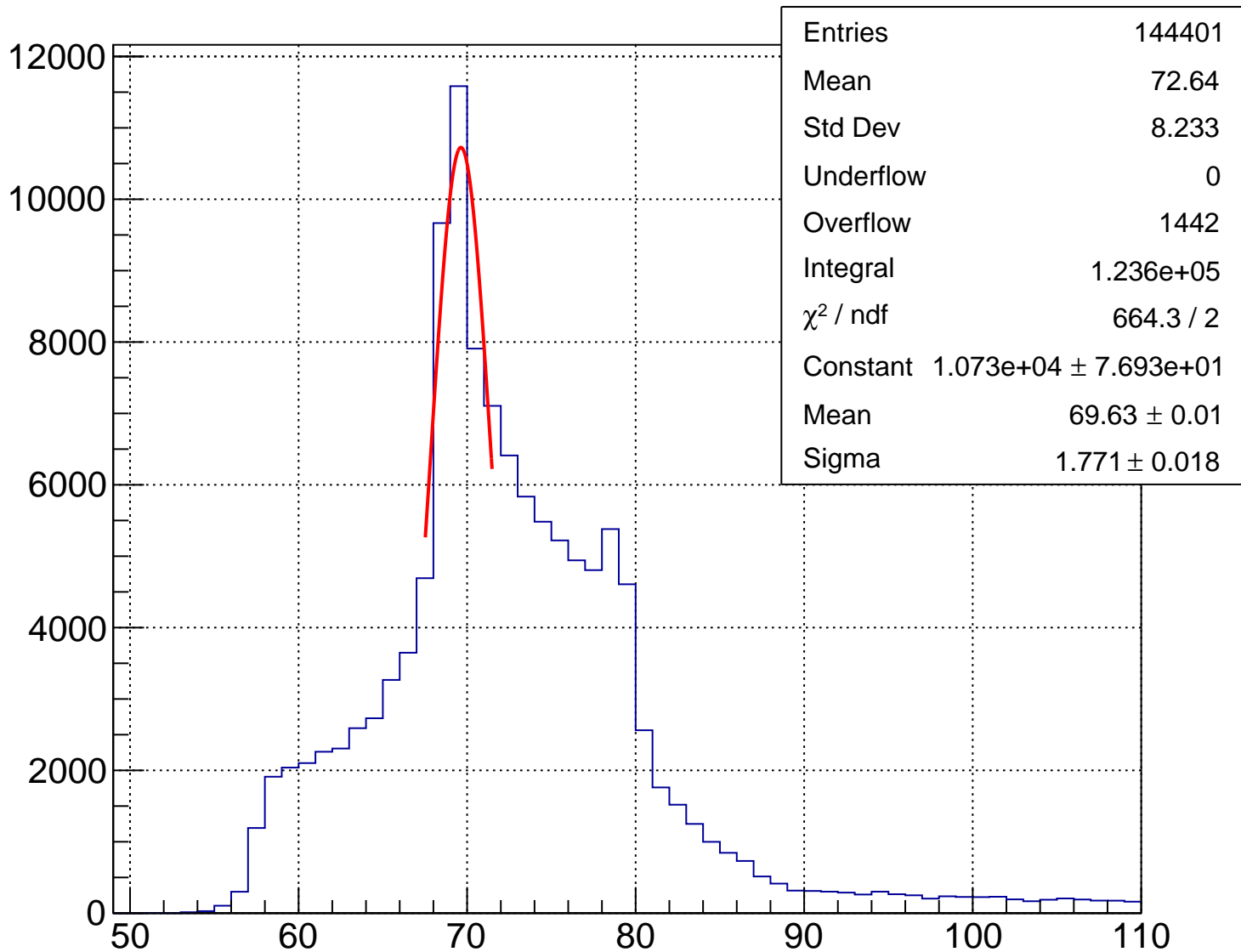
# BH2UBG1



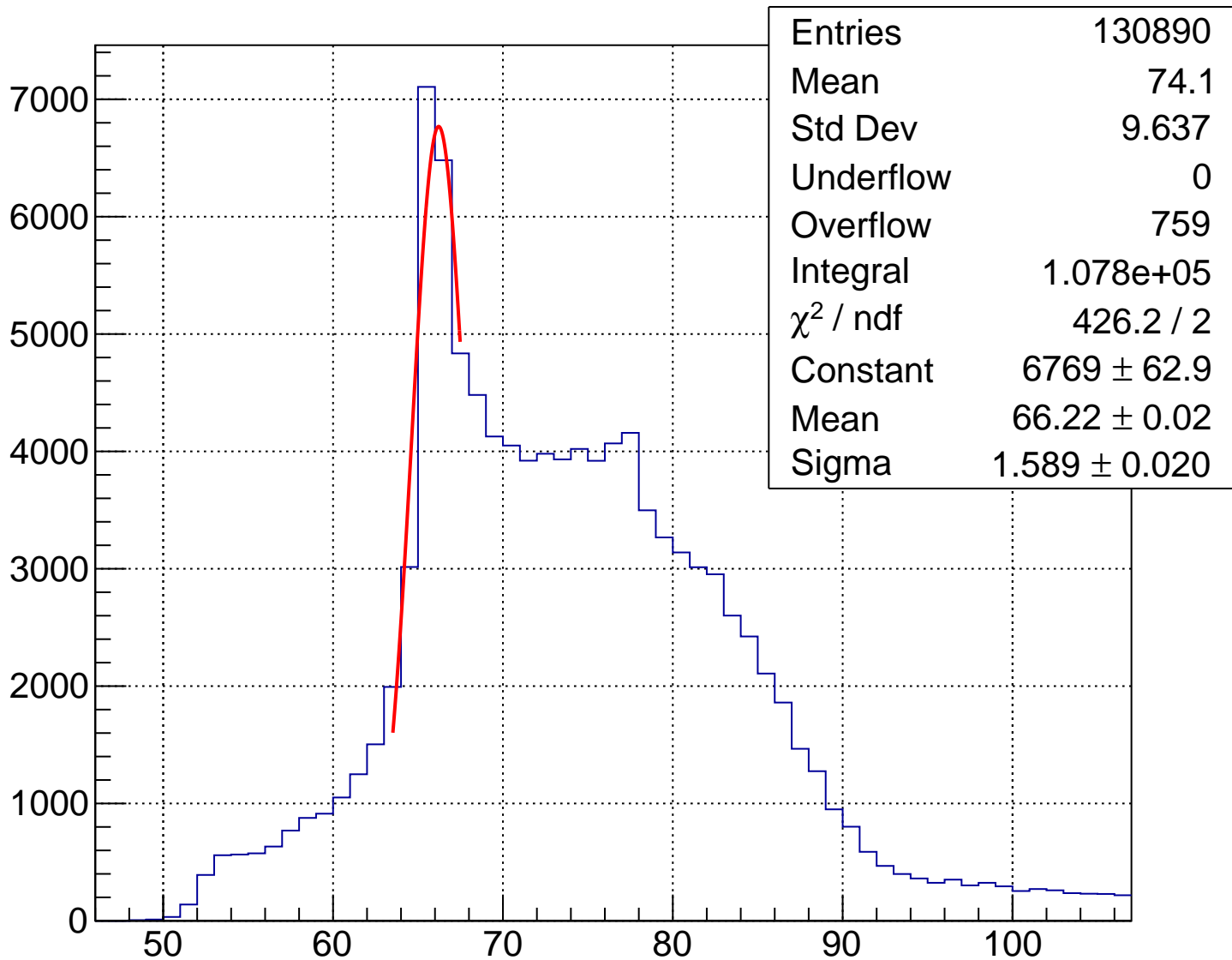
# BH2UBG2



# BH2UBG3

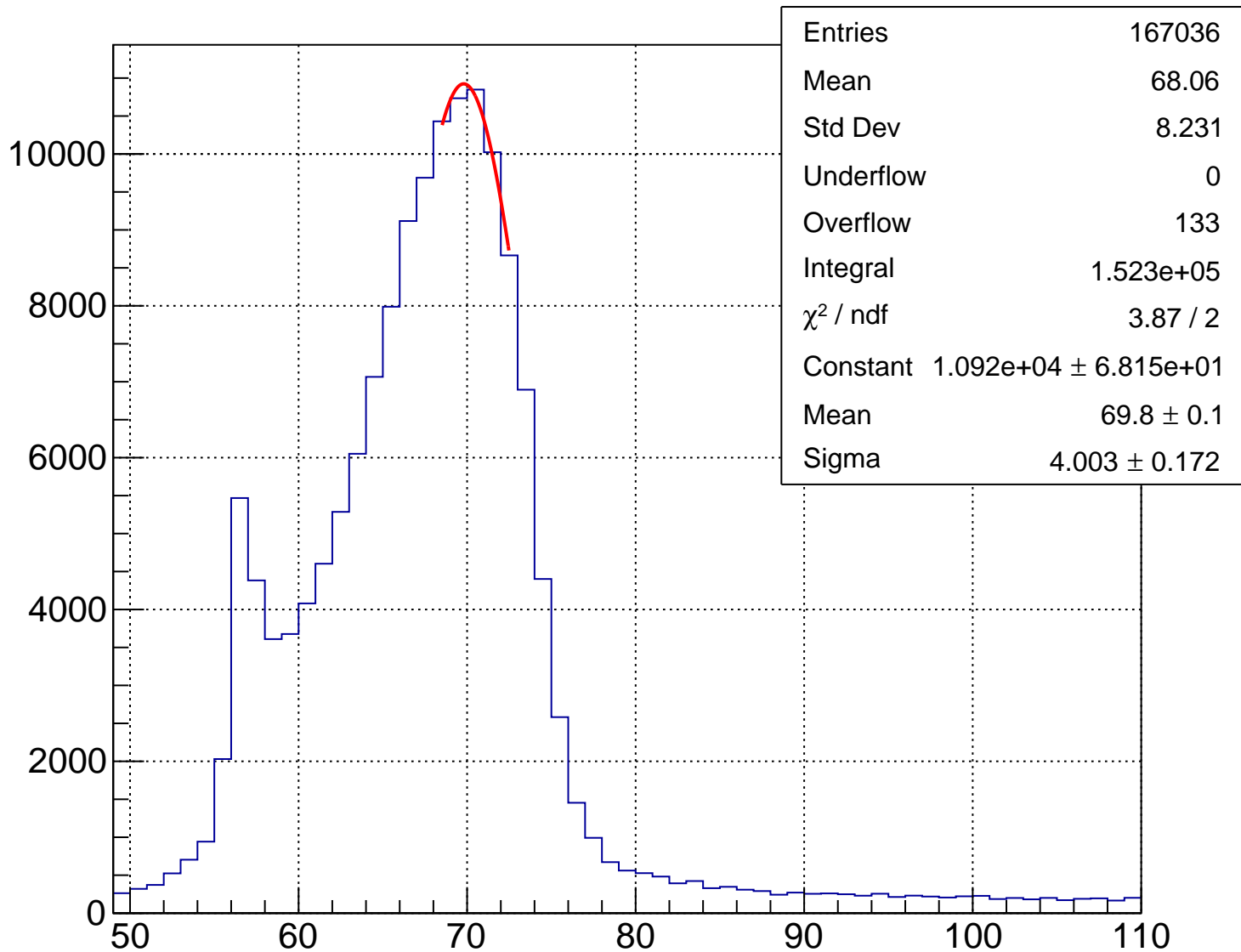


# BH2UBG4

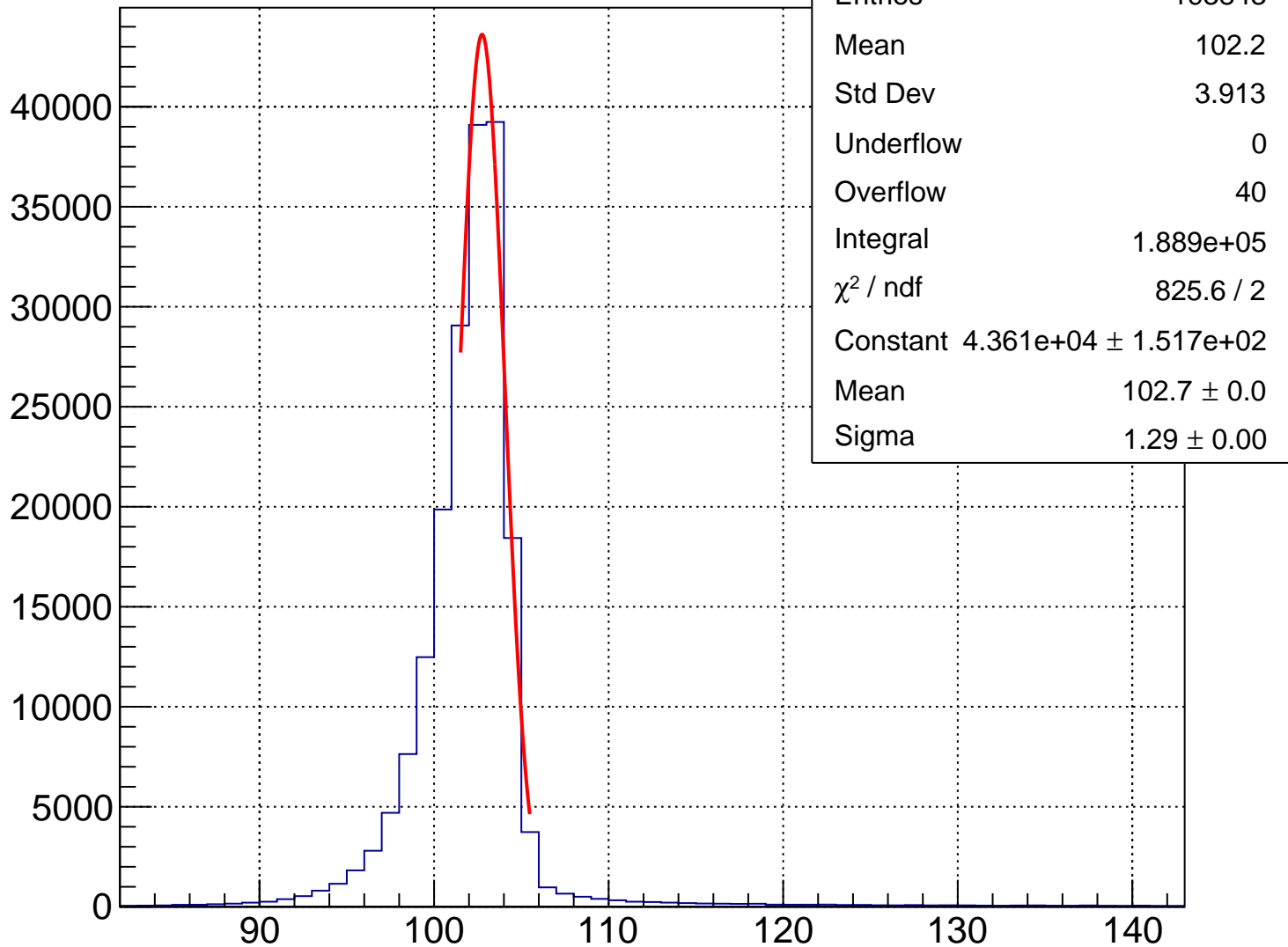




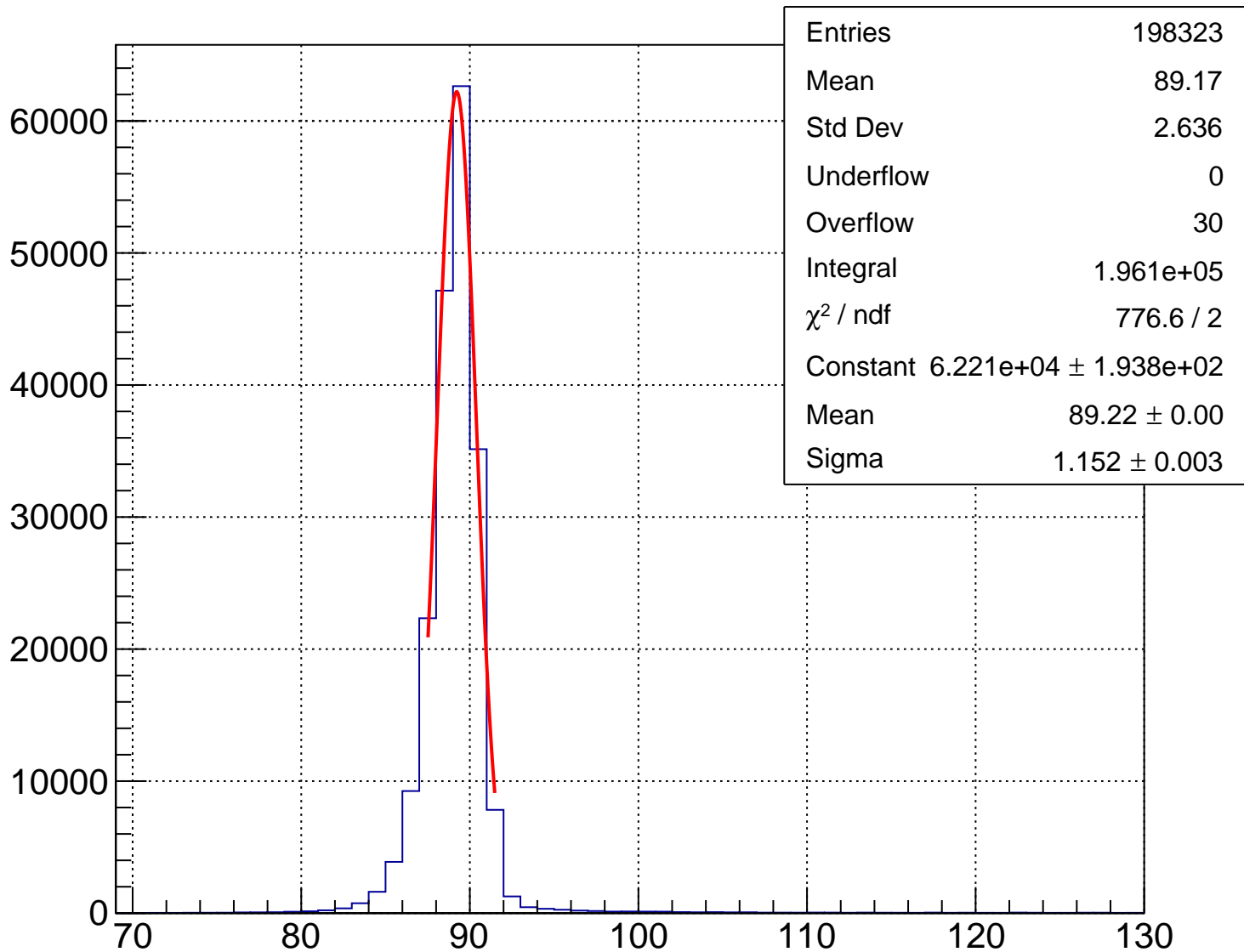
# BH2UBG5



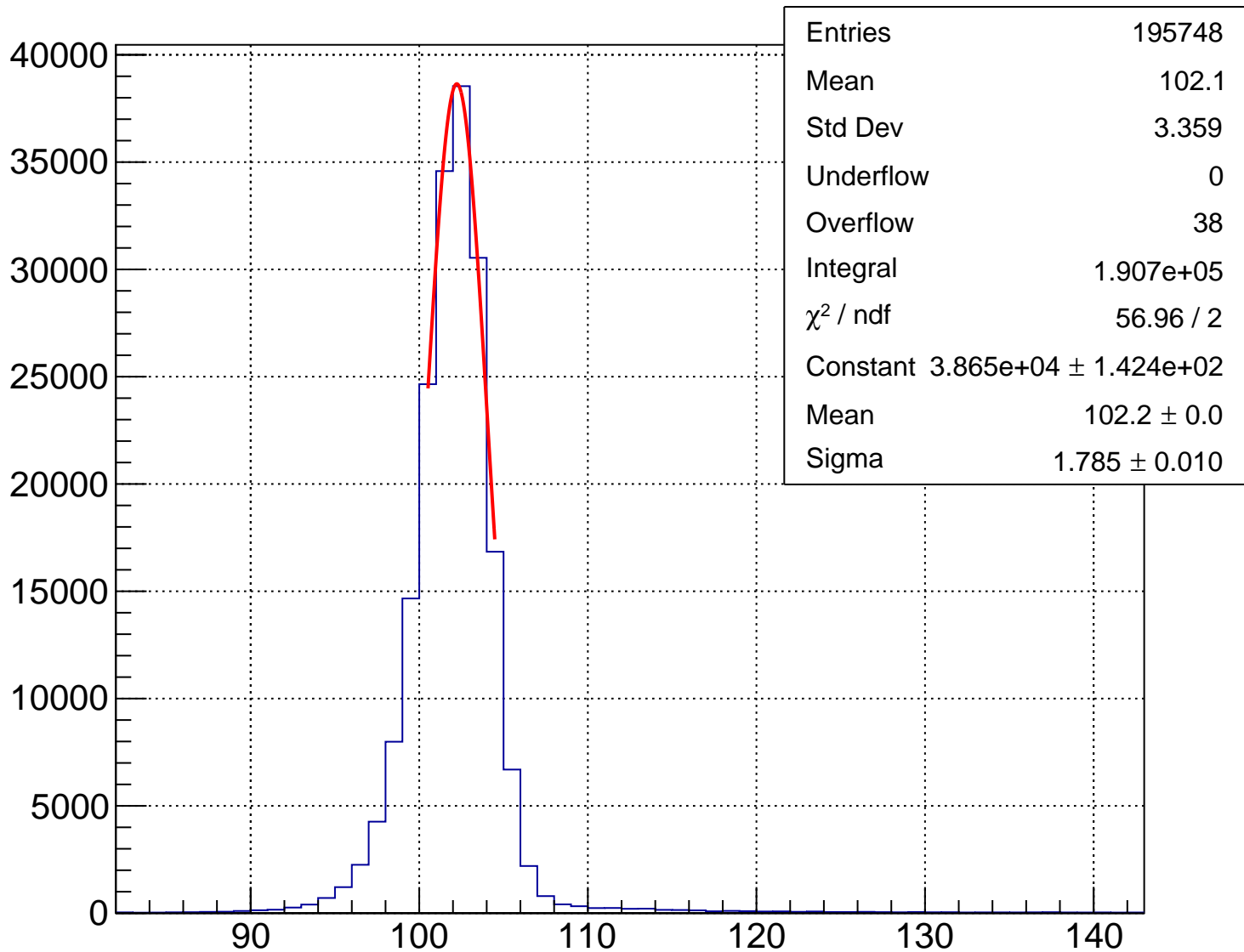
# BH2UBG6



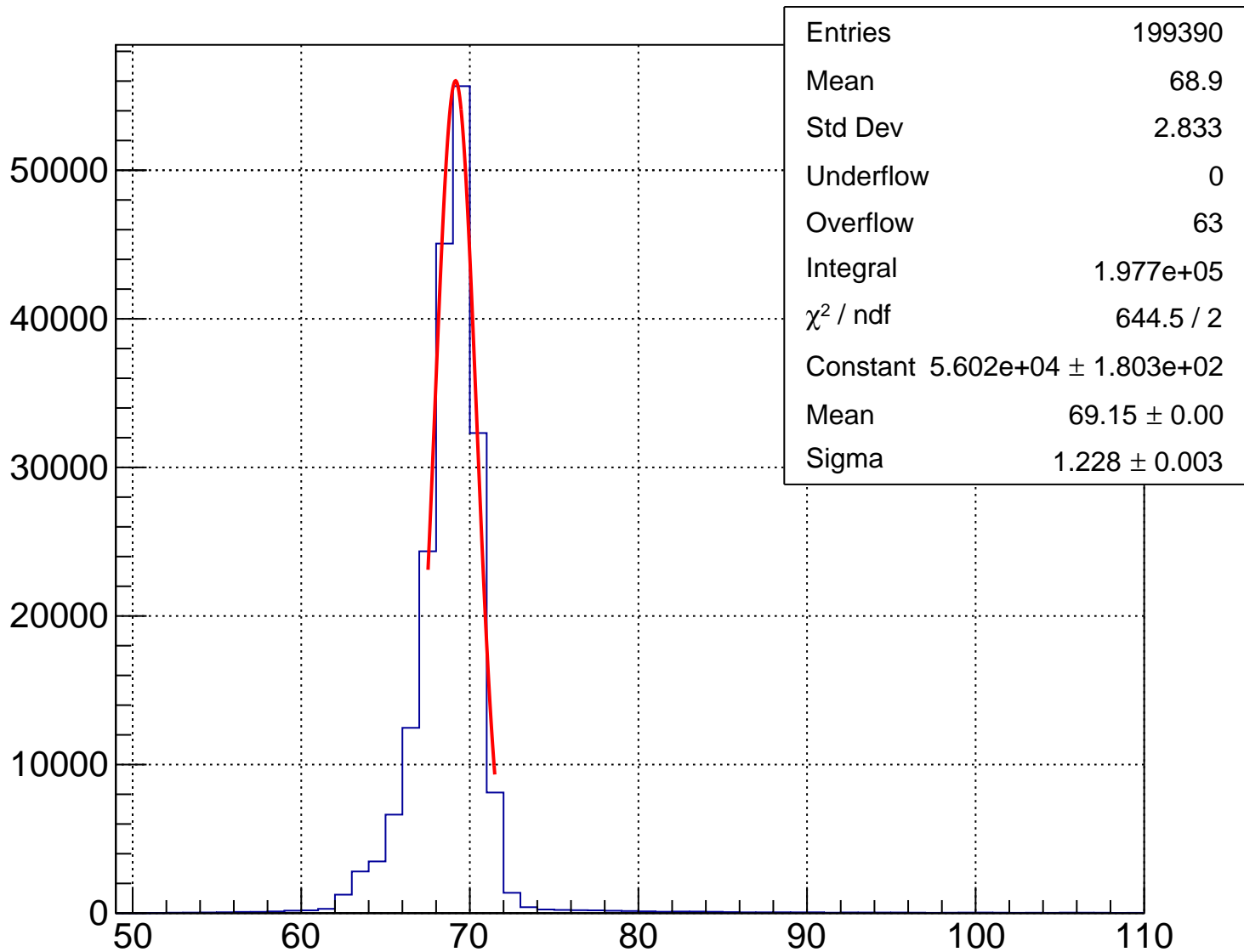
# BH2UBG7



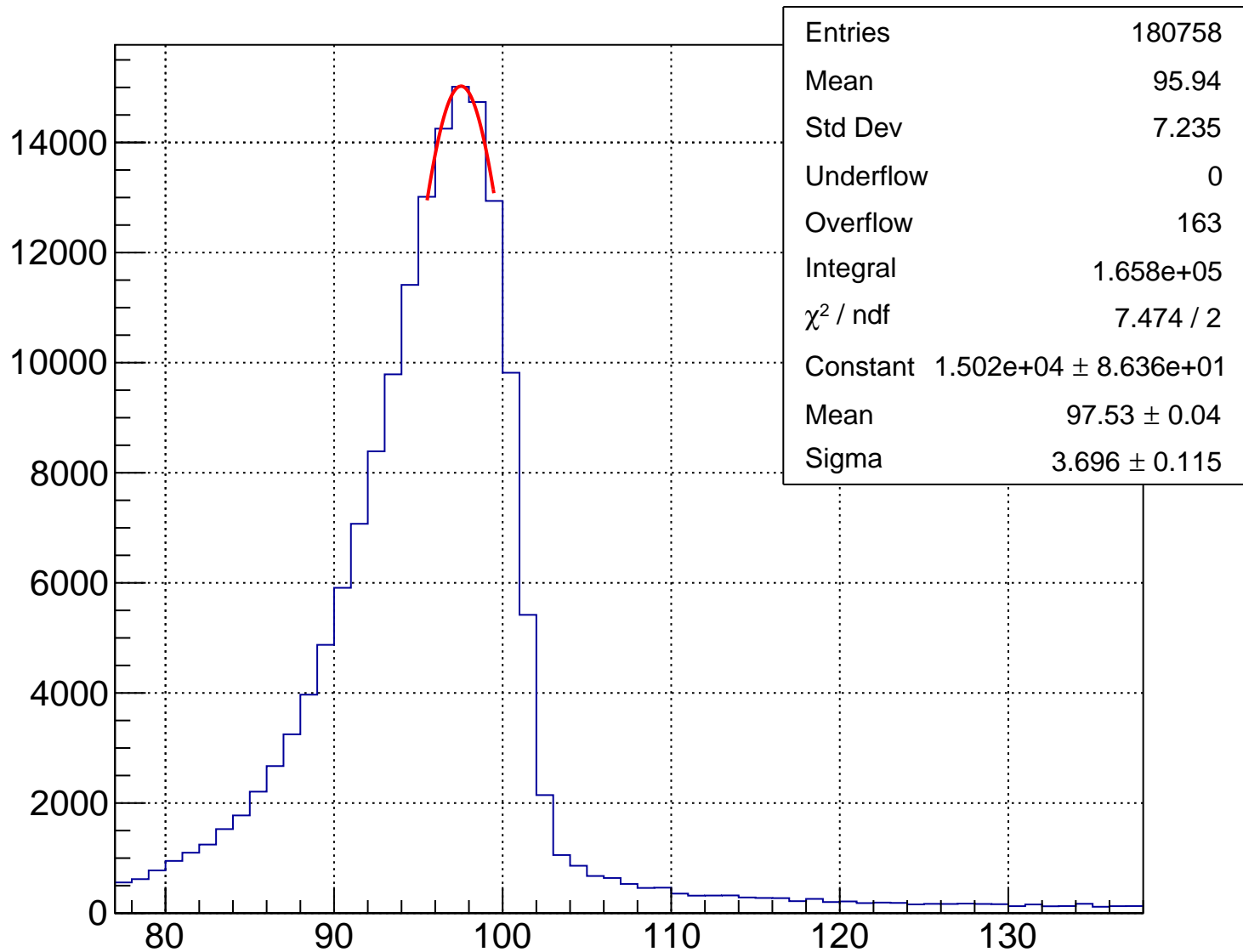
# BH2UBG8



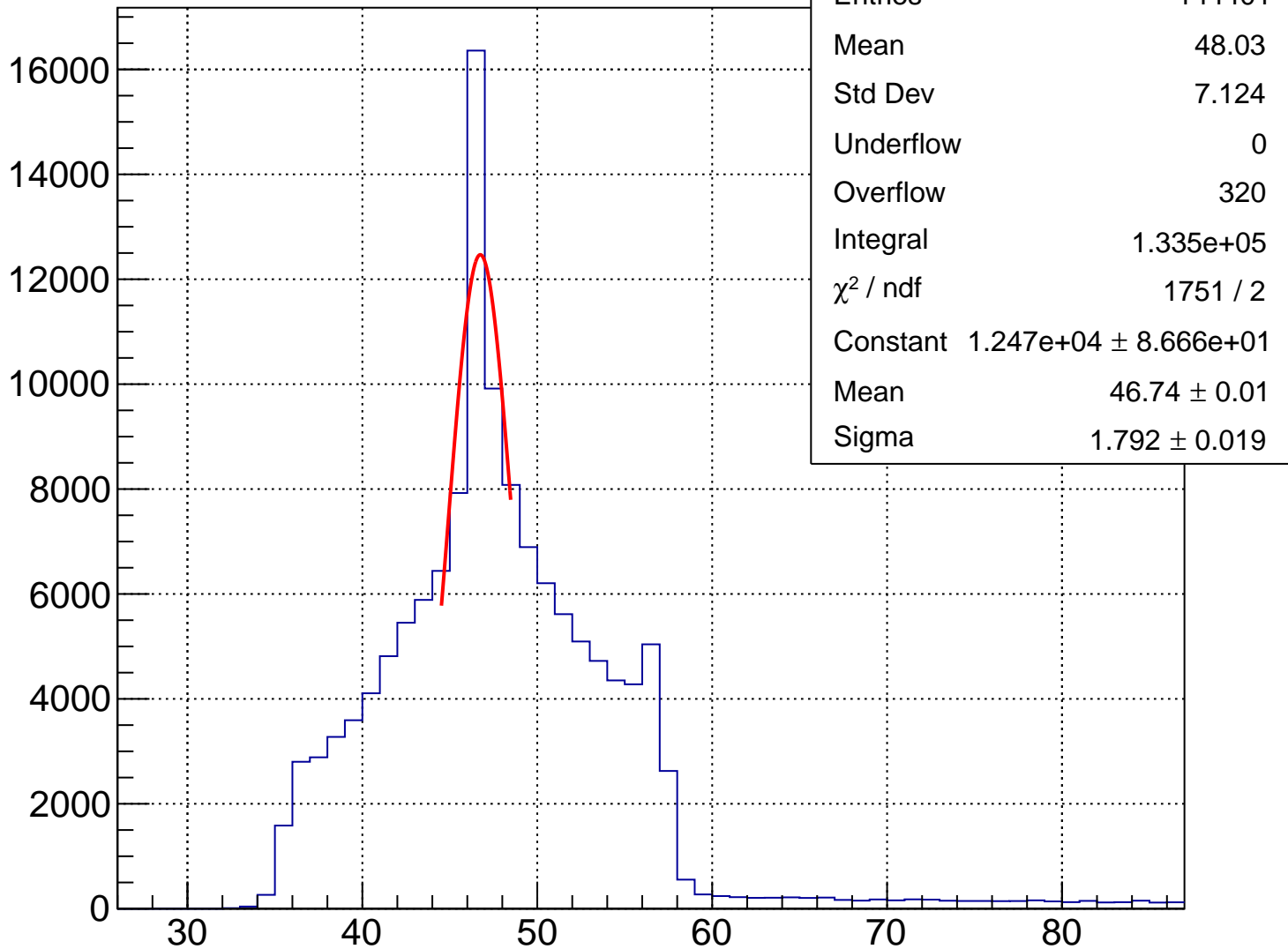
# BH2DBG1



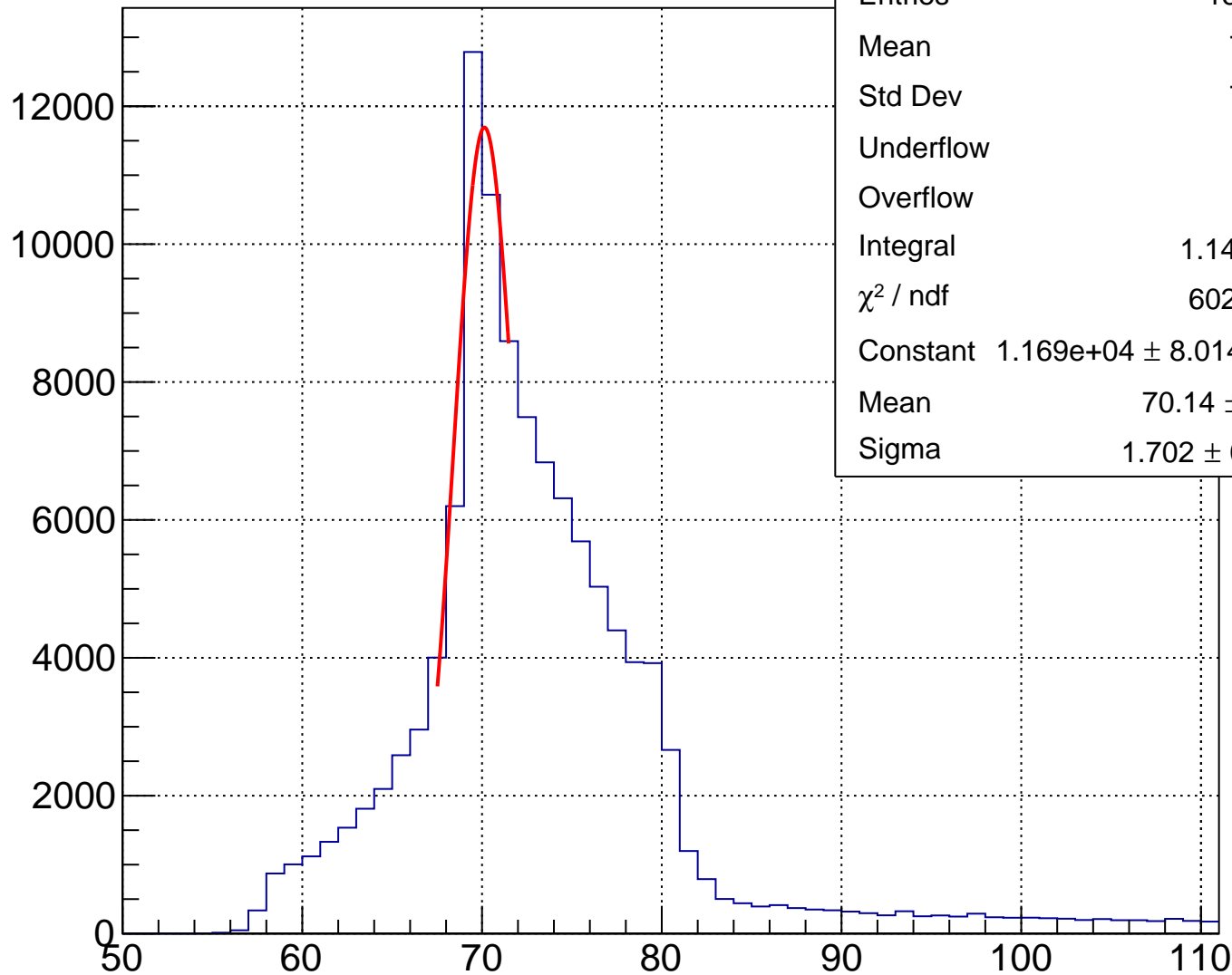
# BH2DBG2



# BH2DBG3

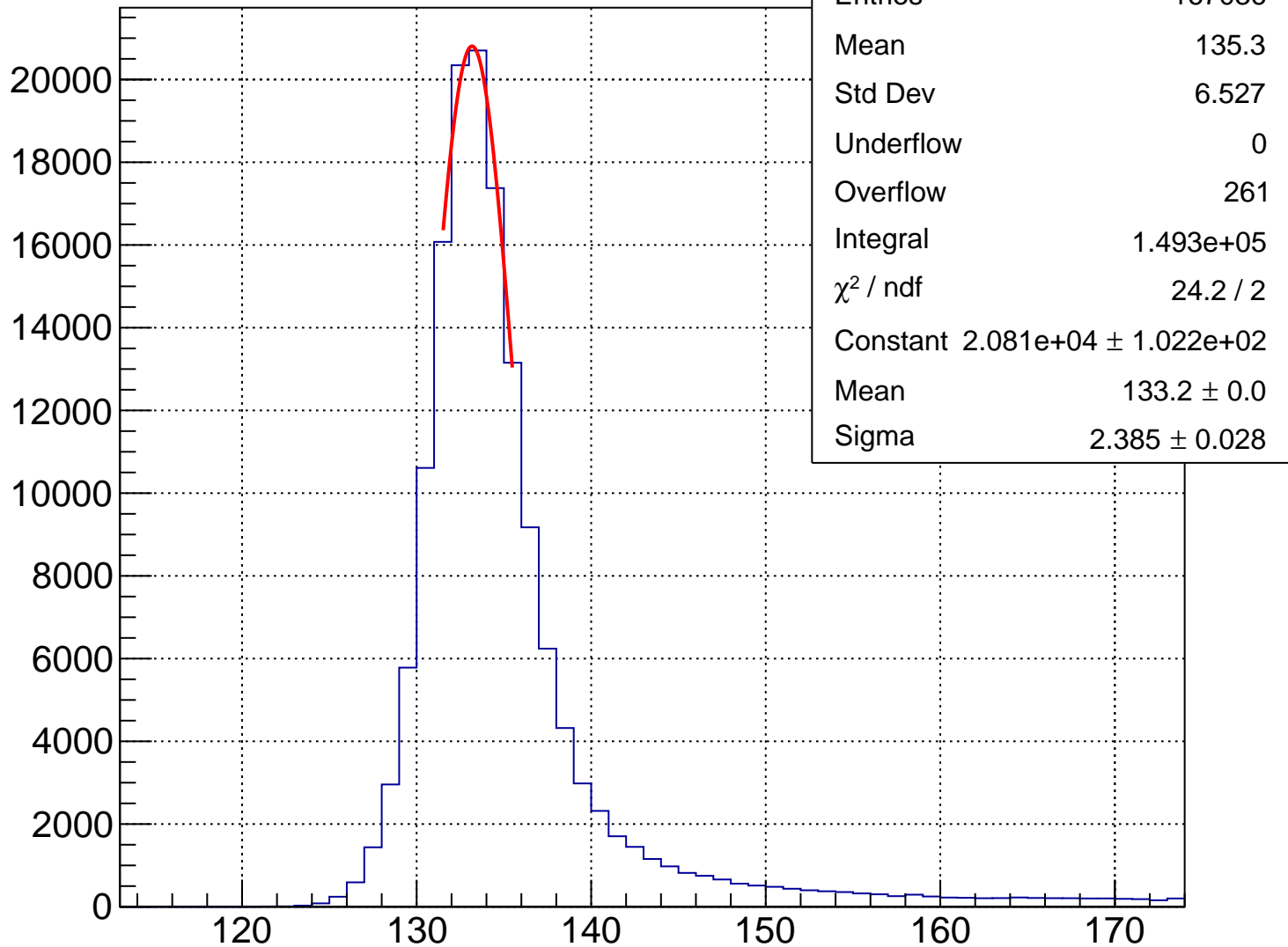


# BH2DBG4

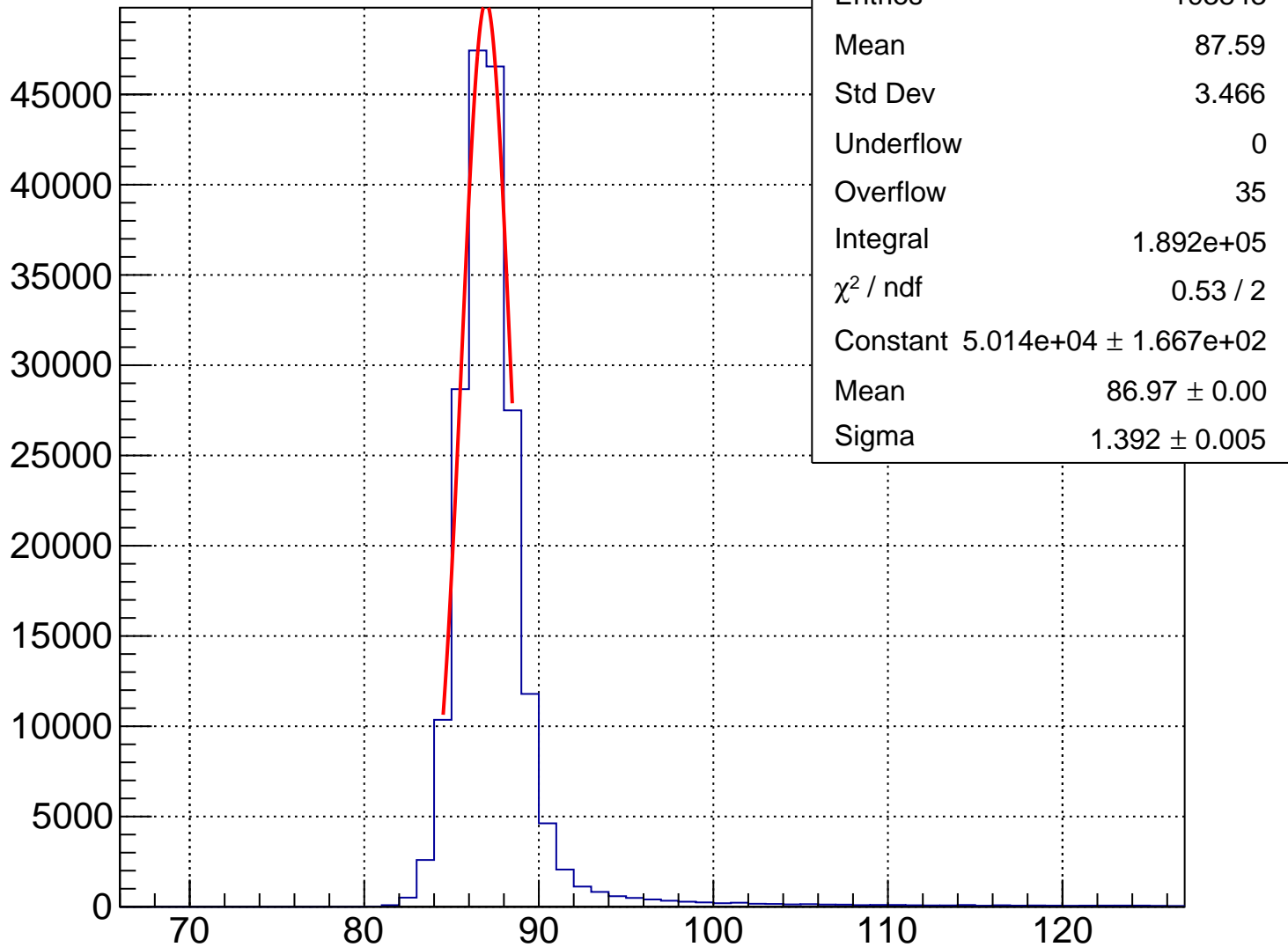




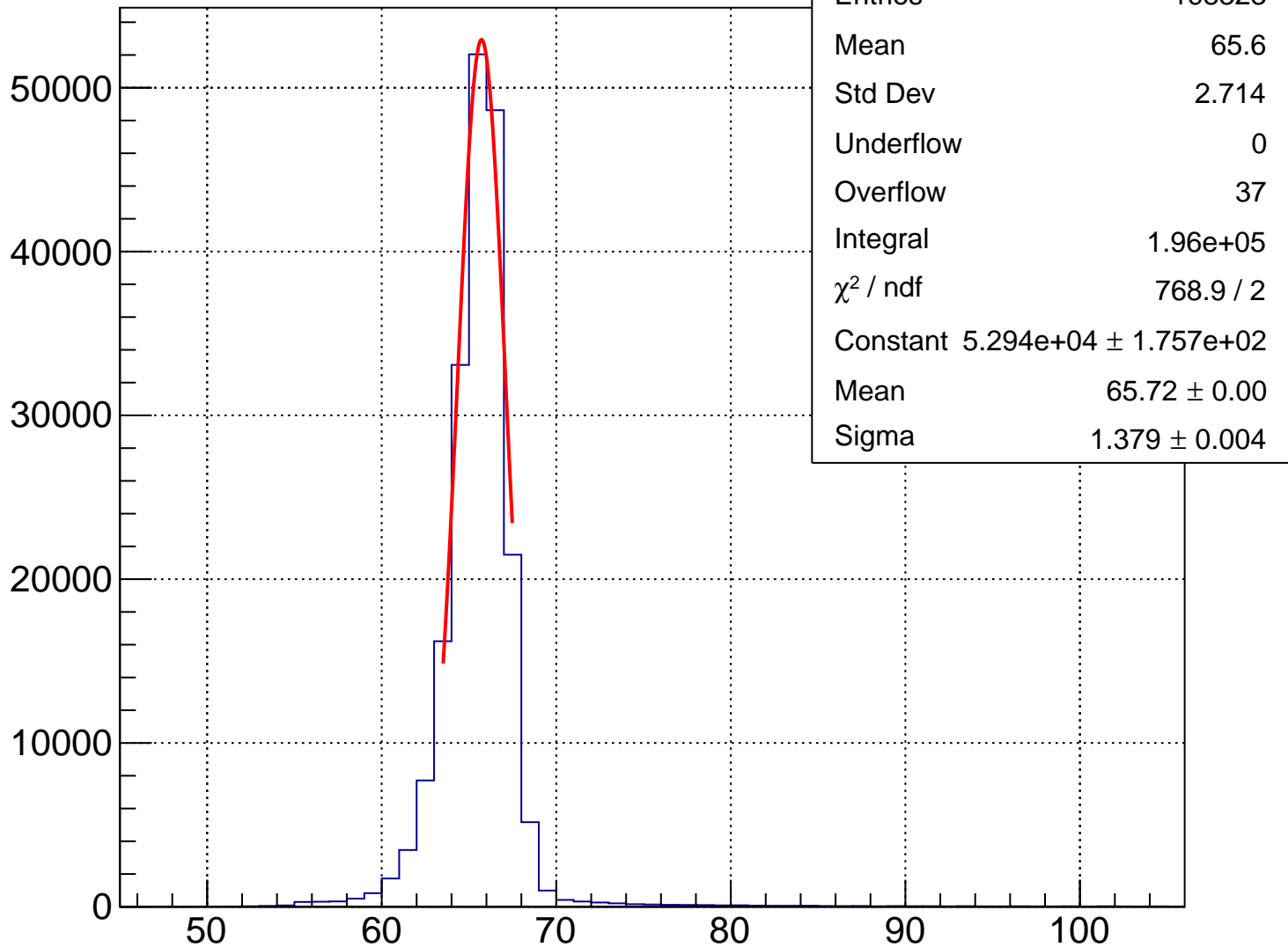
# BH2DBG5



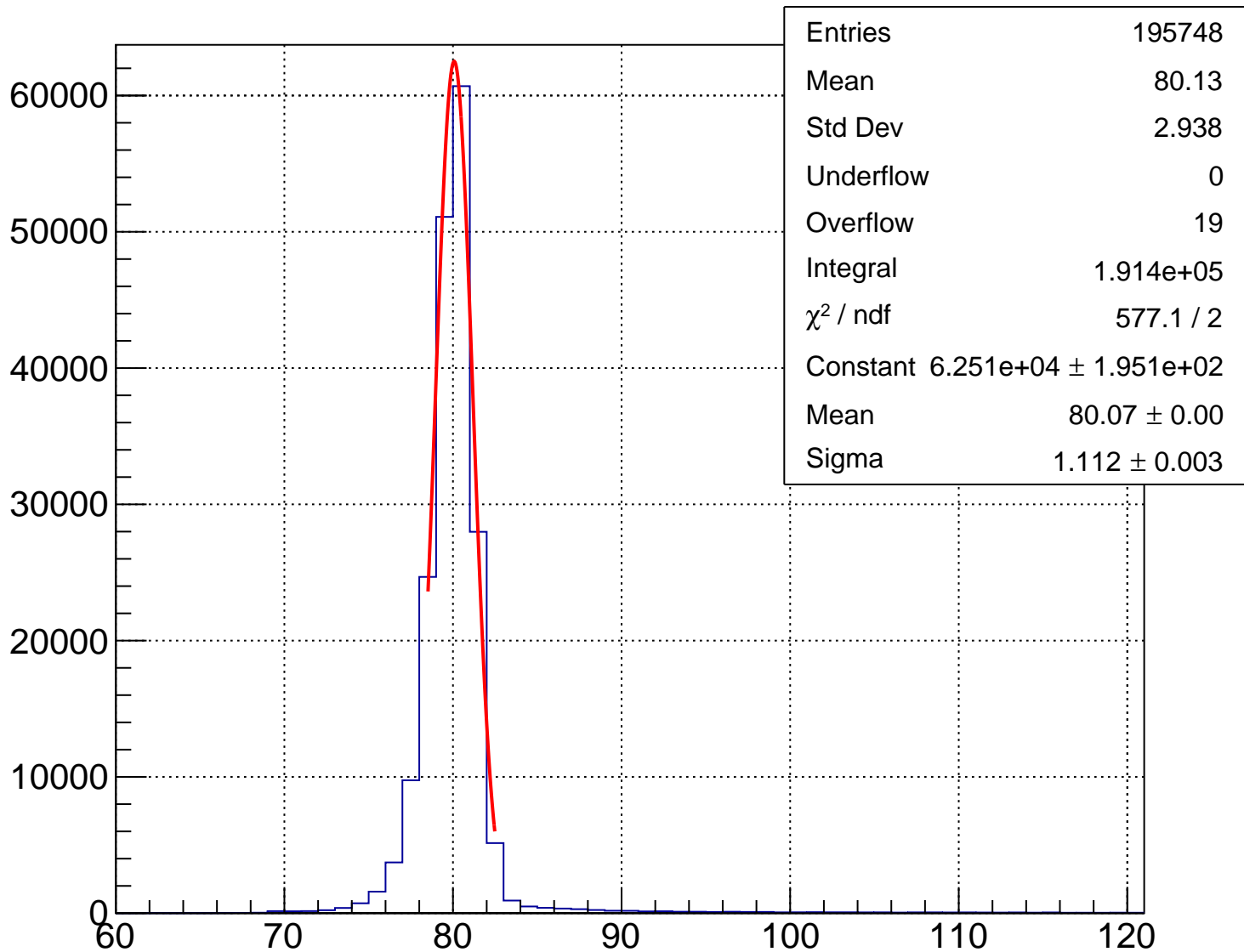
# BH2DBG6



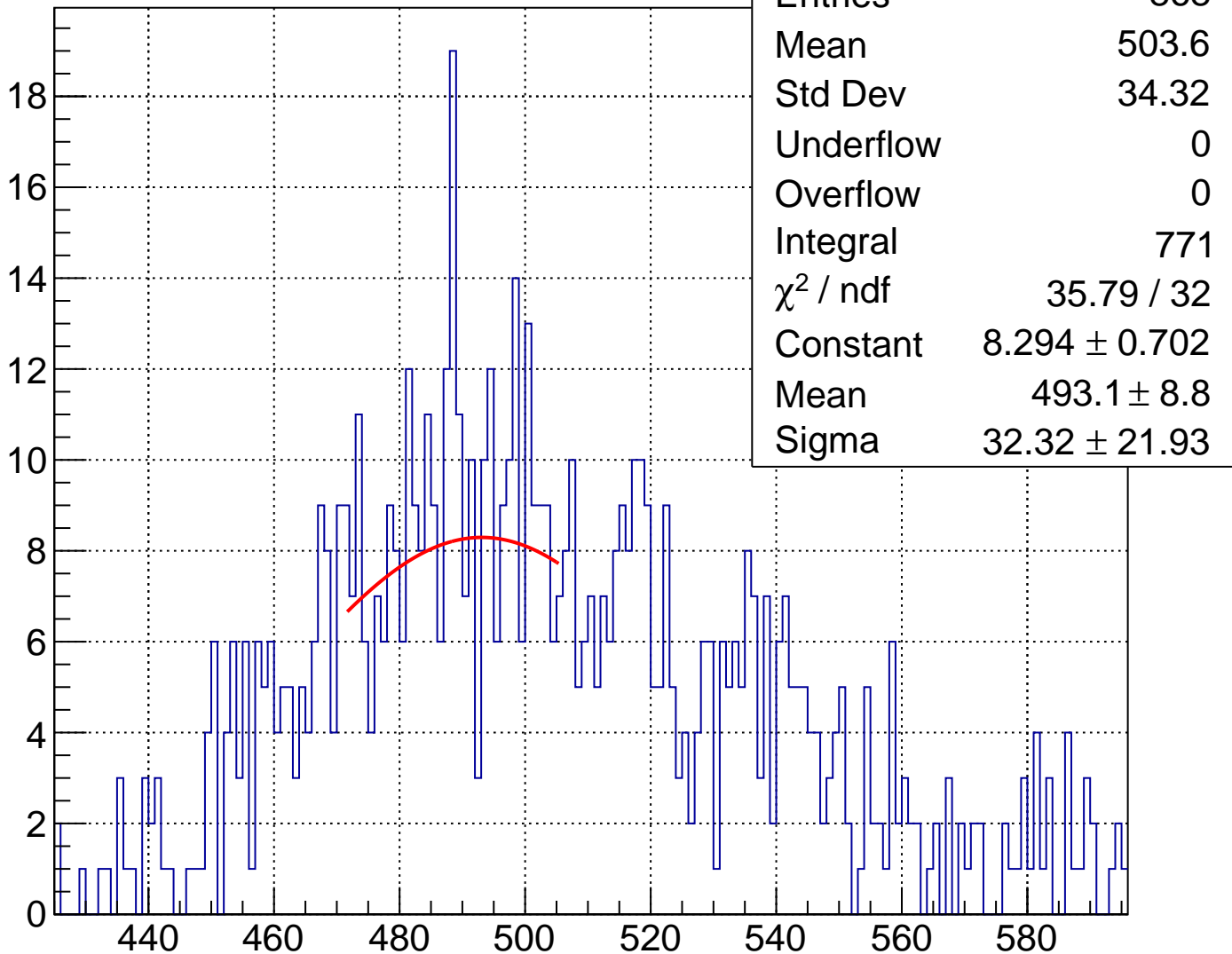
# BH2DBG7



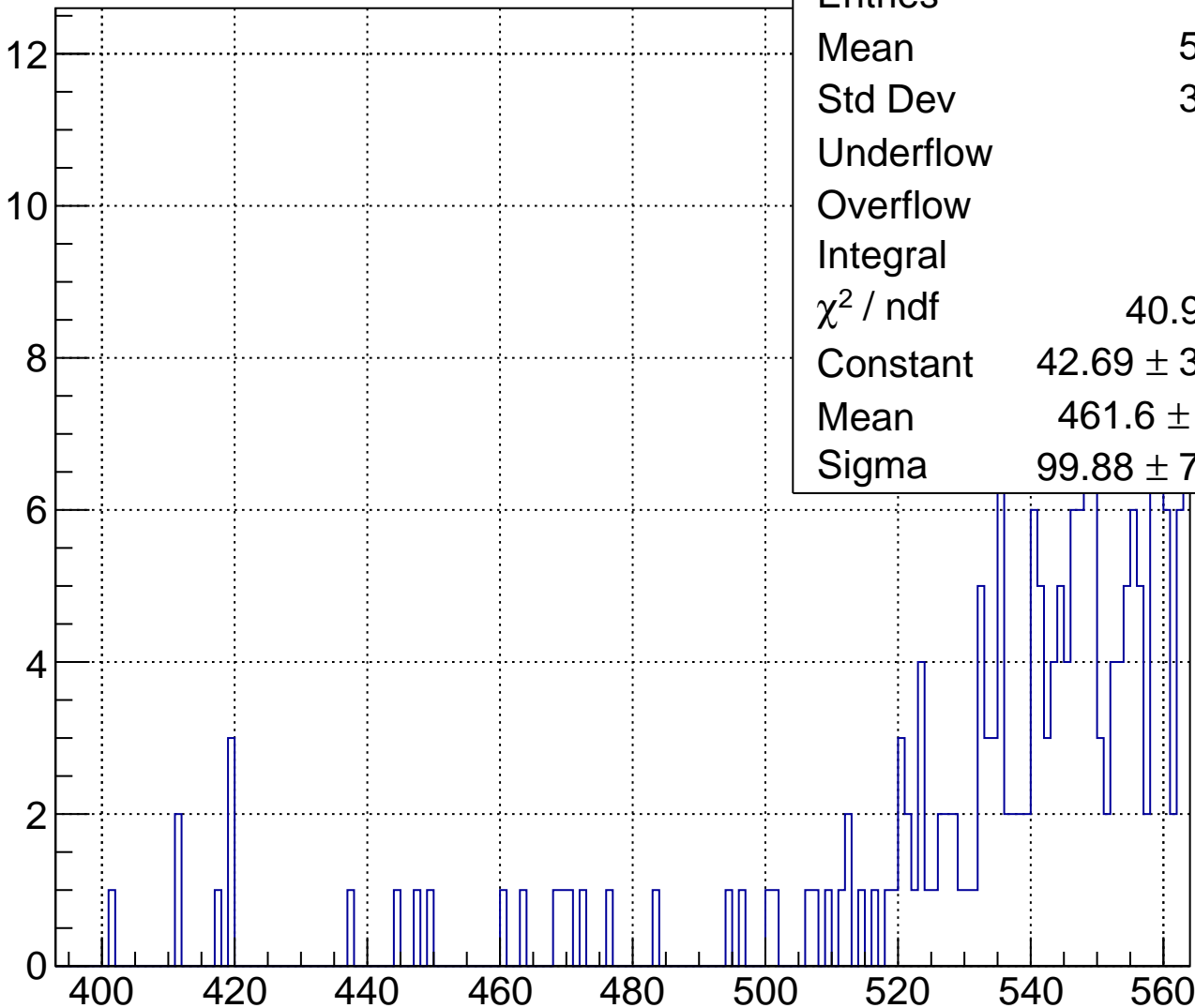
# BH2DBG8



# BH1UMIP1

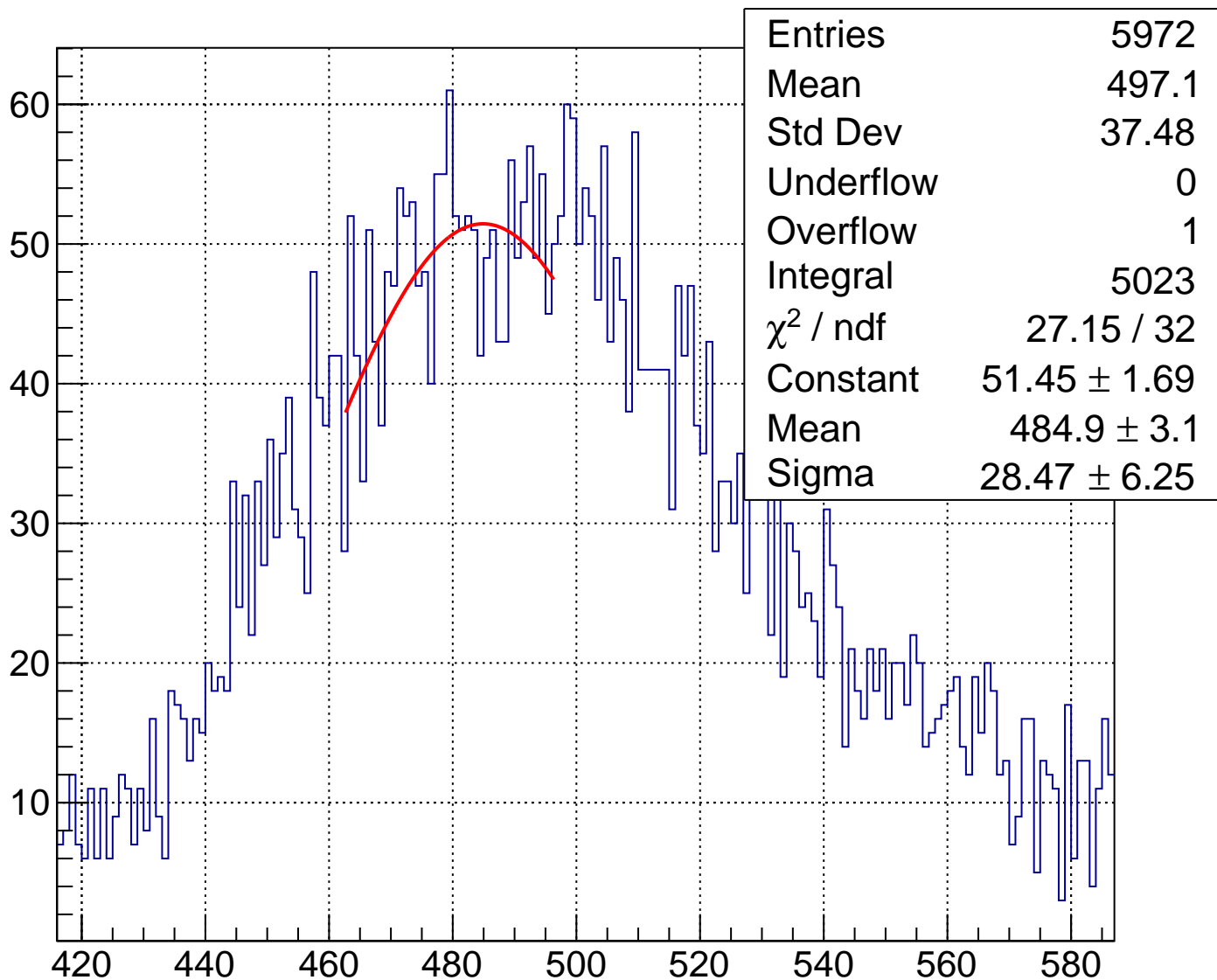


# BH1UMIP2

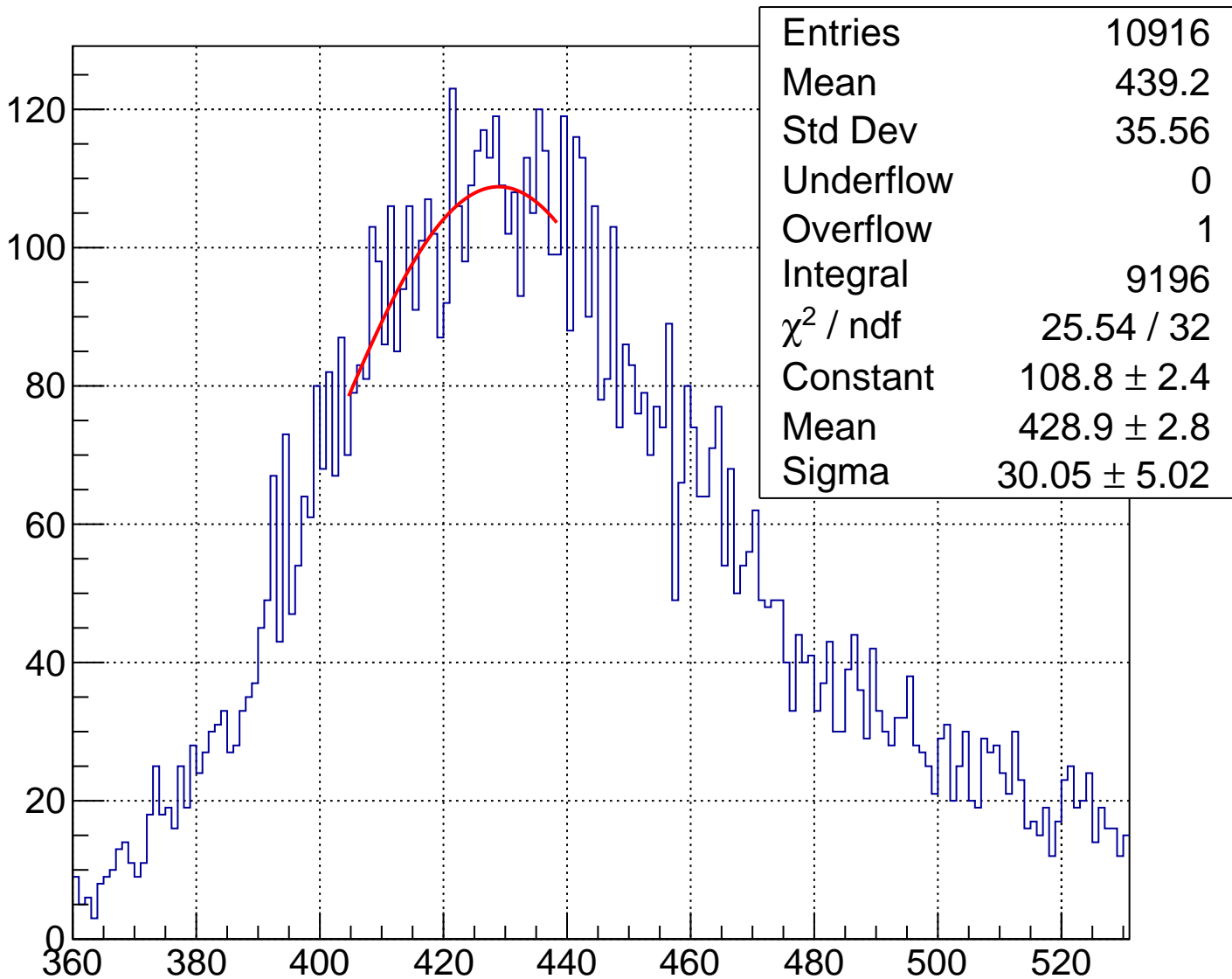


Entries	1846
Mean	534.8
Std Dev	33.15
Underflow	0
Overflow	6
Integral	207
$\chi^2$ / ndf	40.9 / 32
Constant	$42.69 \pm 36.15$
Mean	$461.6 \pm 53.7$
Sigma	$99.88 \pm 77.58$

# BH1UMIP3

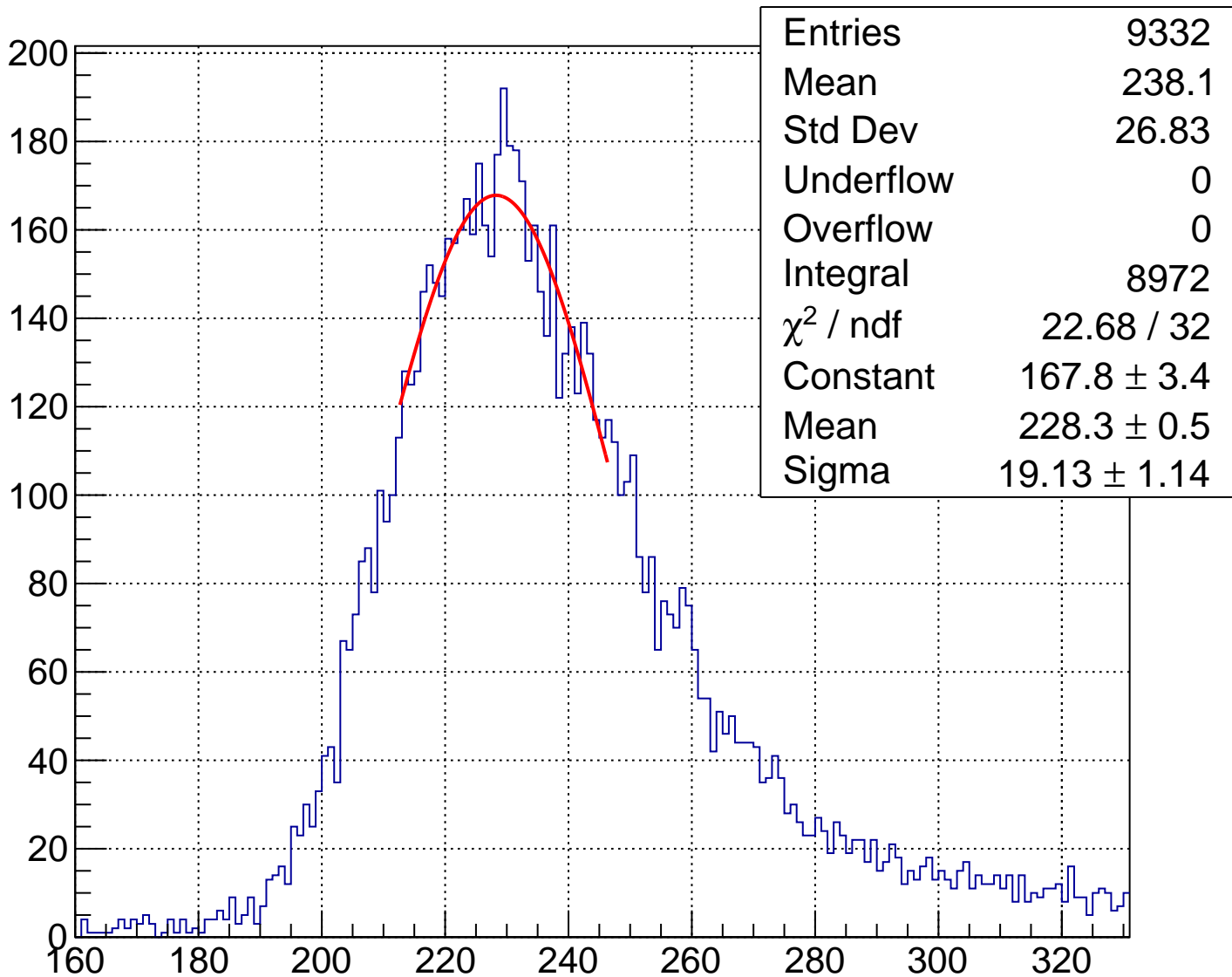


# BH1UMIP4

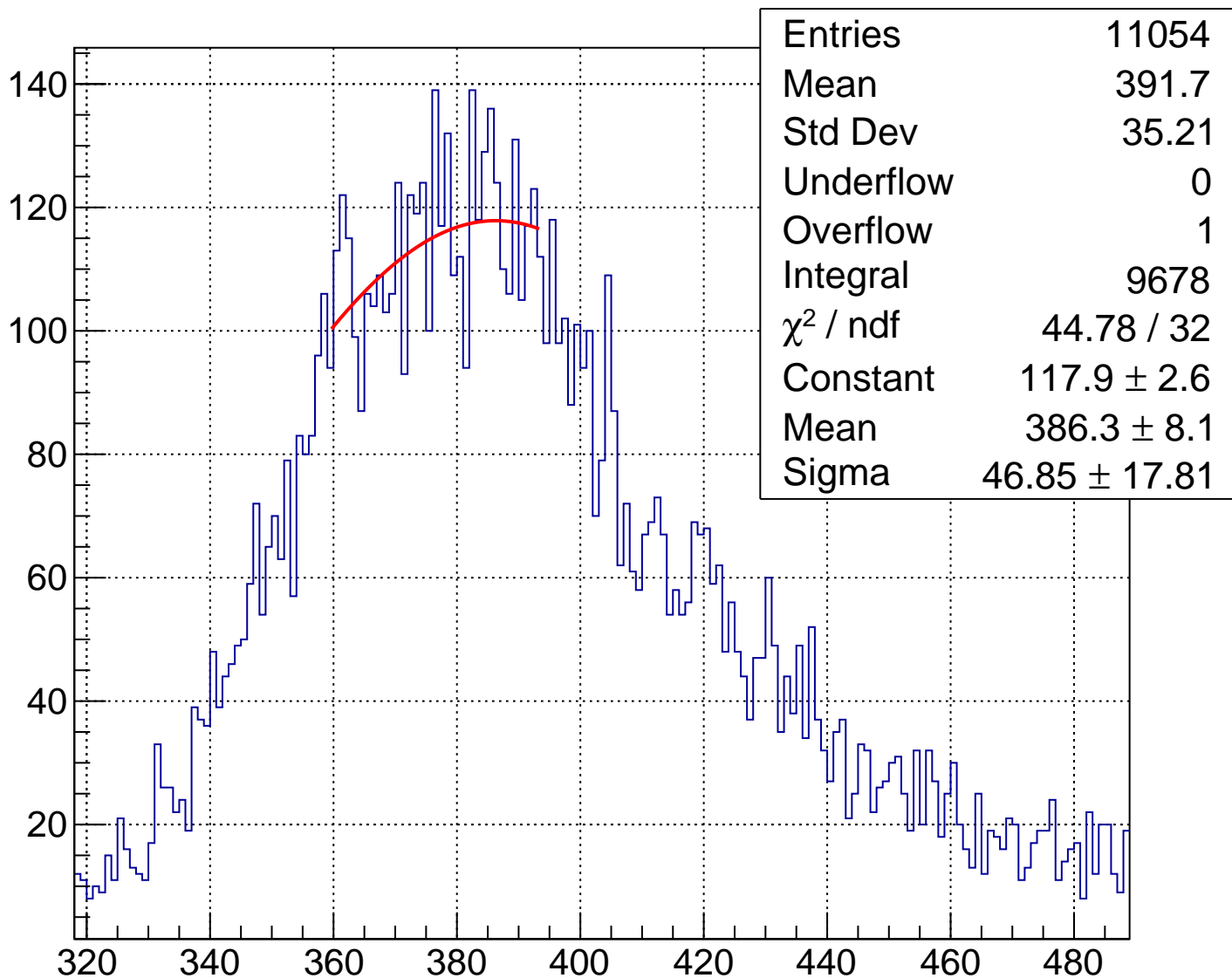




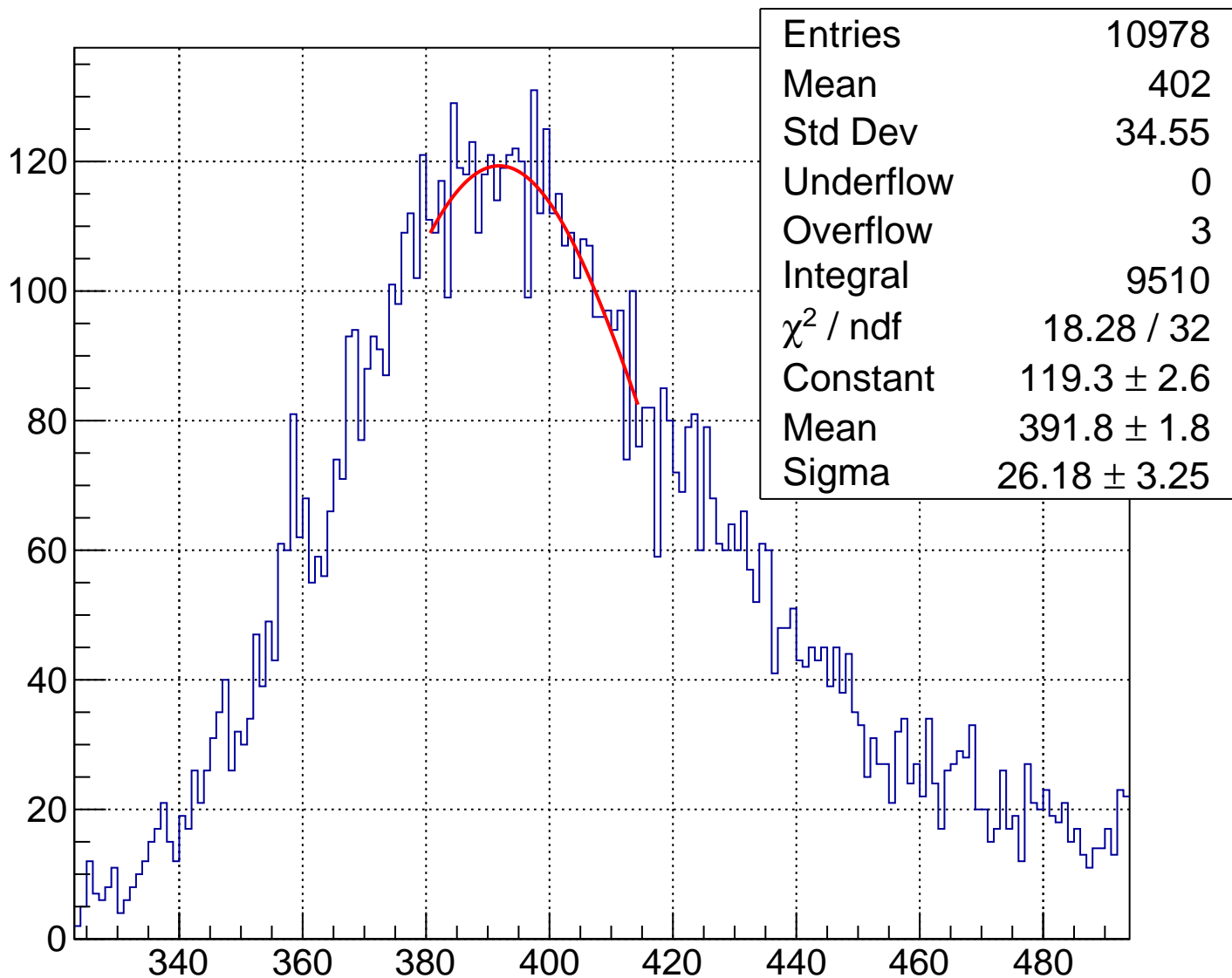
# BH1UMIP5



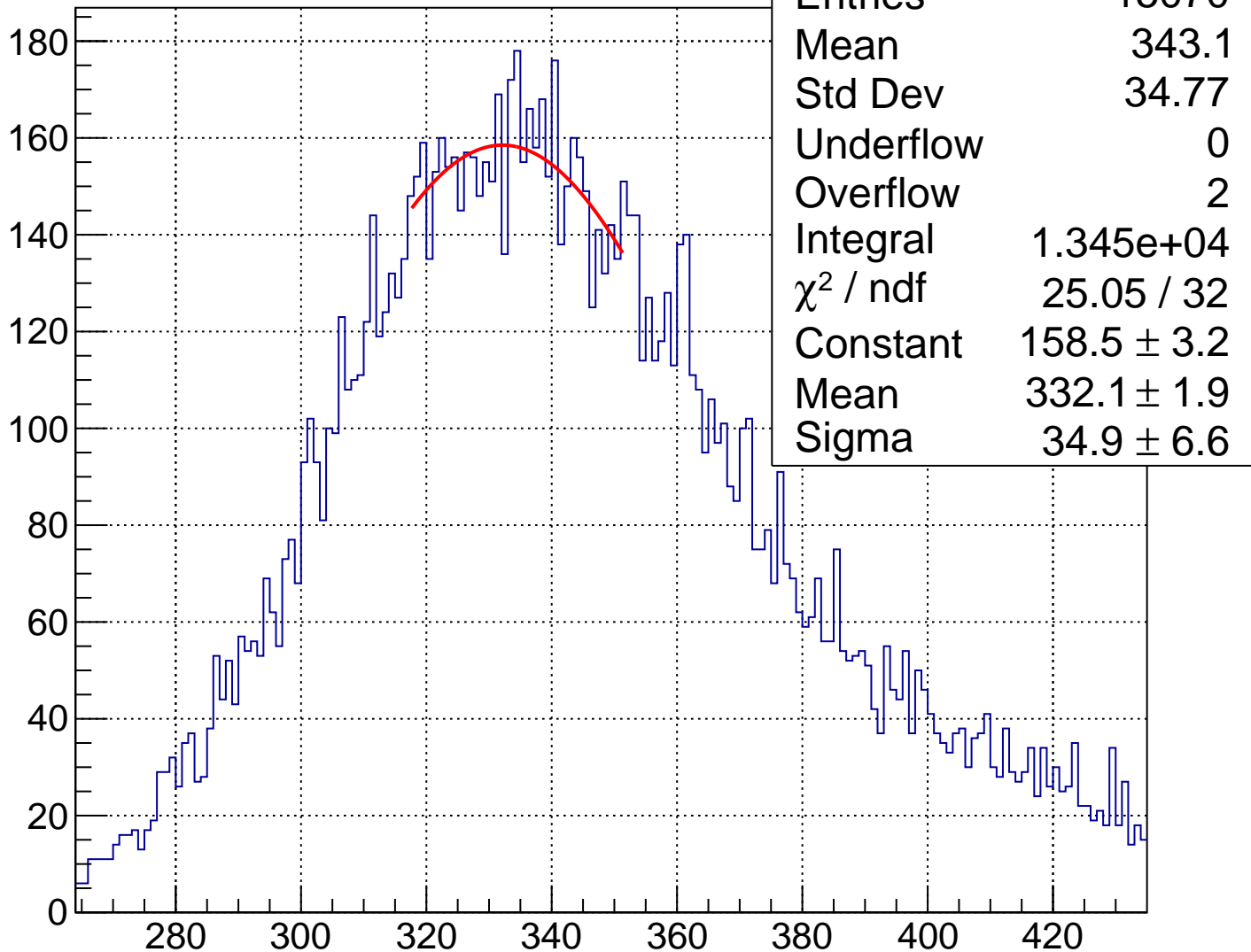
# BH1UMIP6



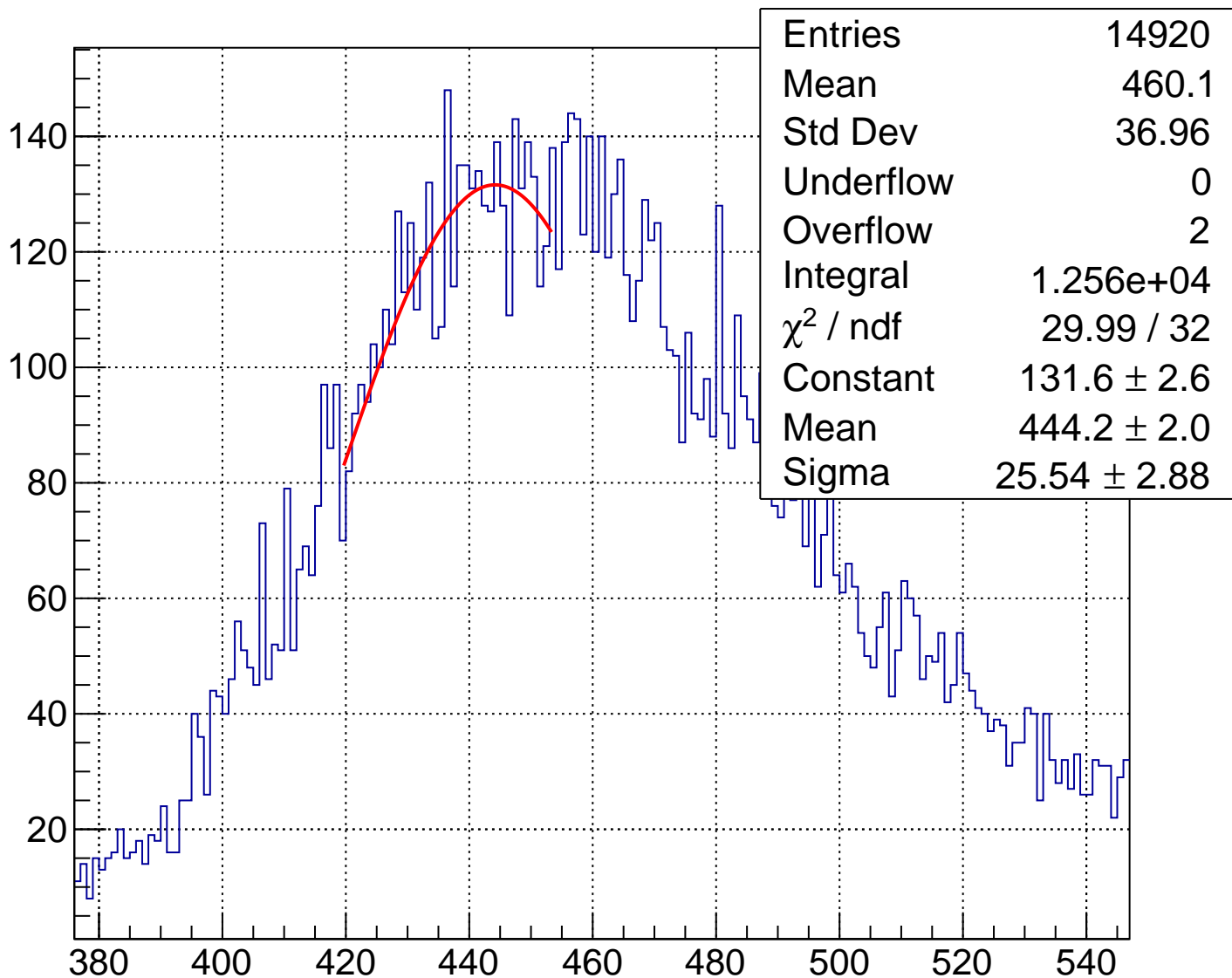
# BH1UMIP7



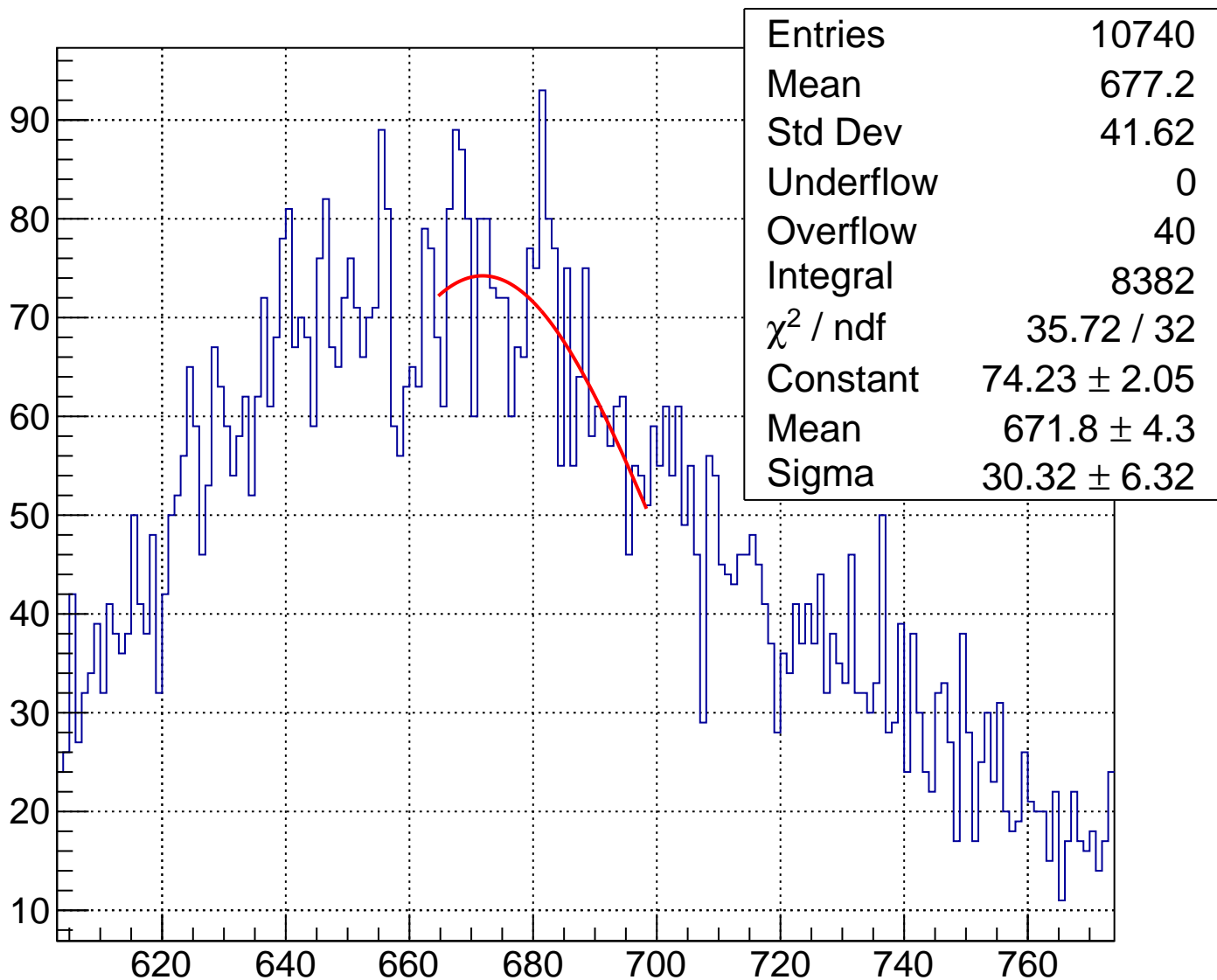
# BH1UMIP8



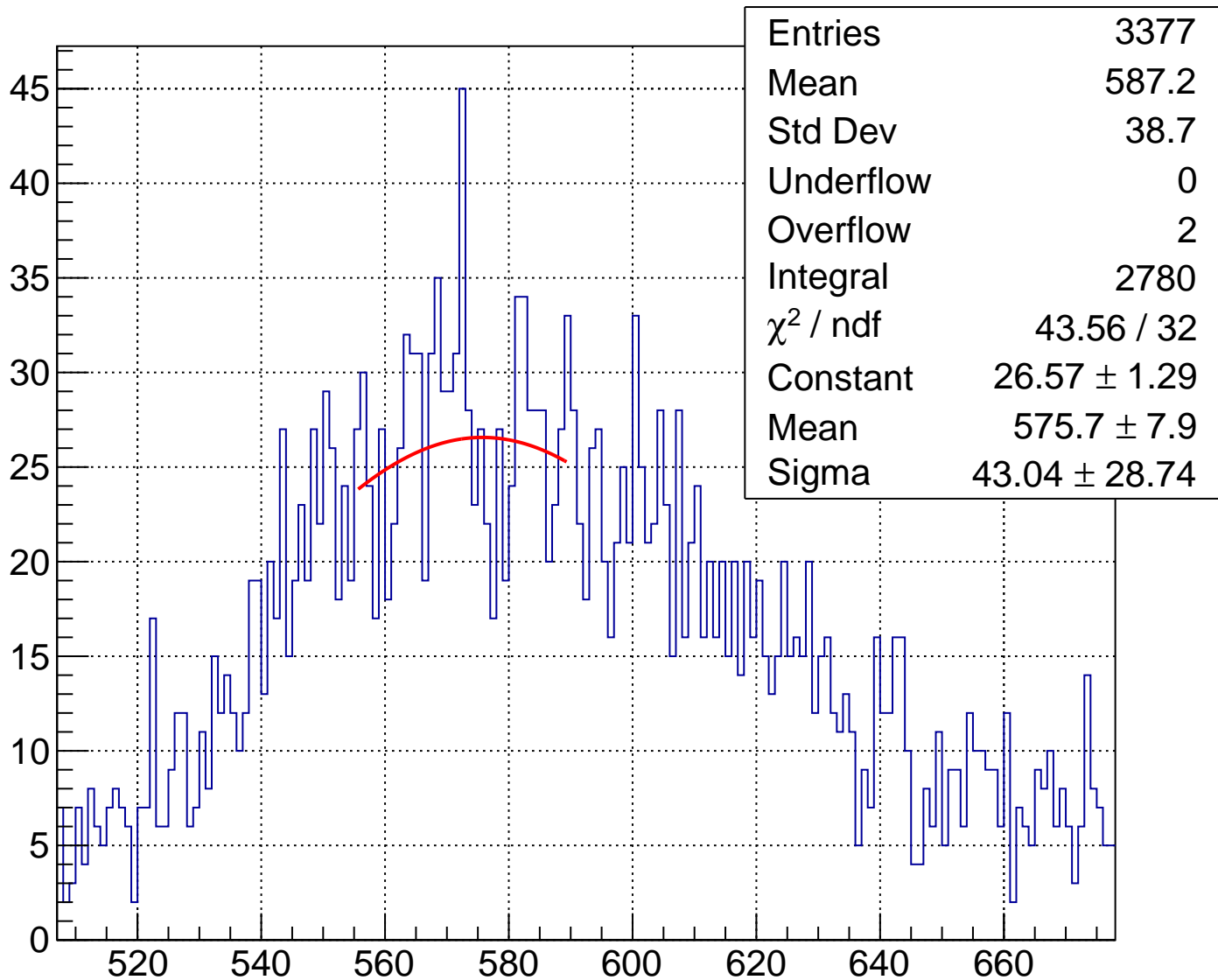
# BH1UMIP9



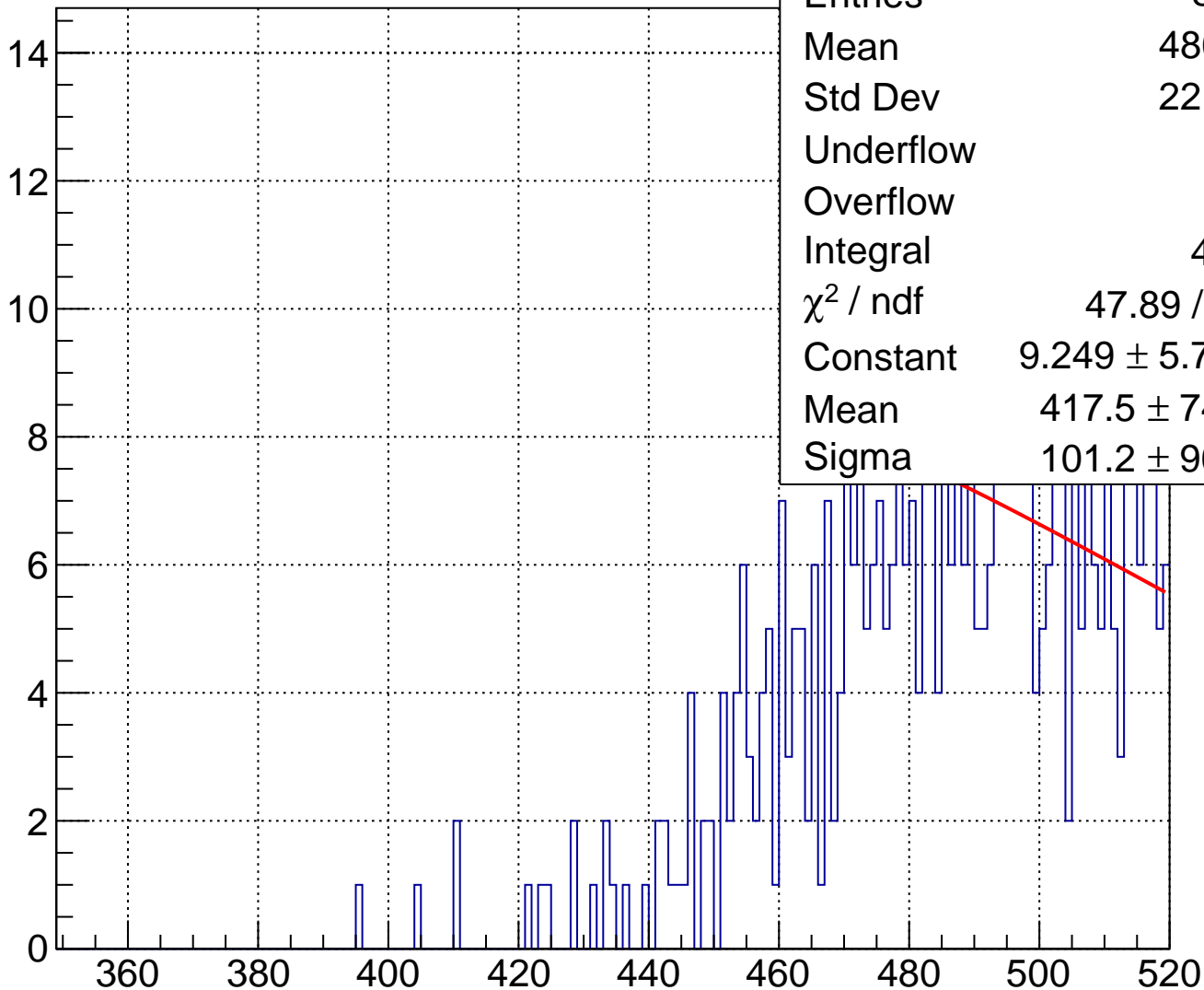
# BH1UMIP10



# BH1UMIP11



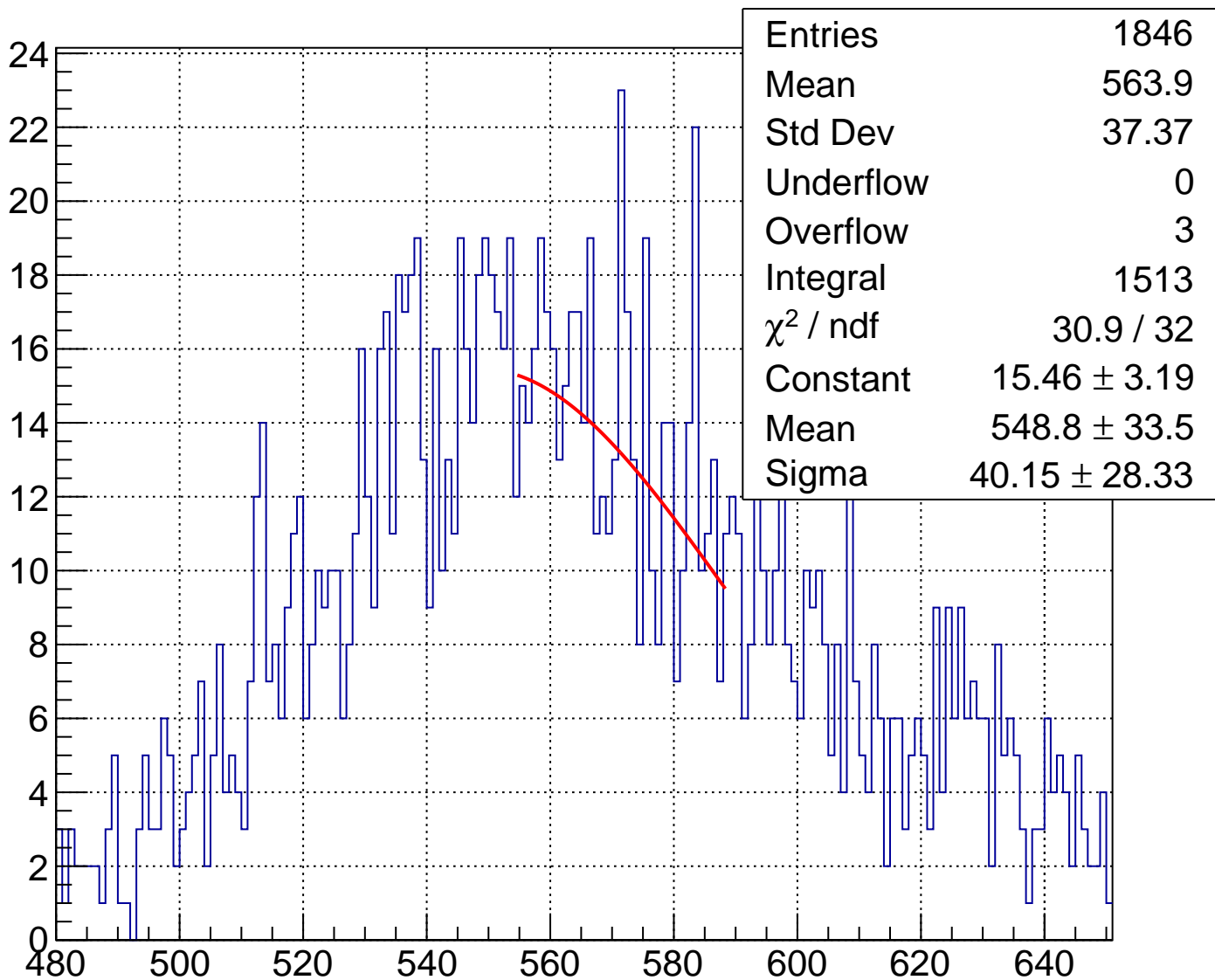
# BH1DMIP1



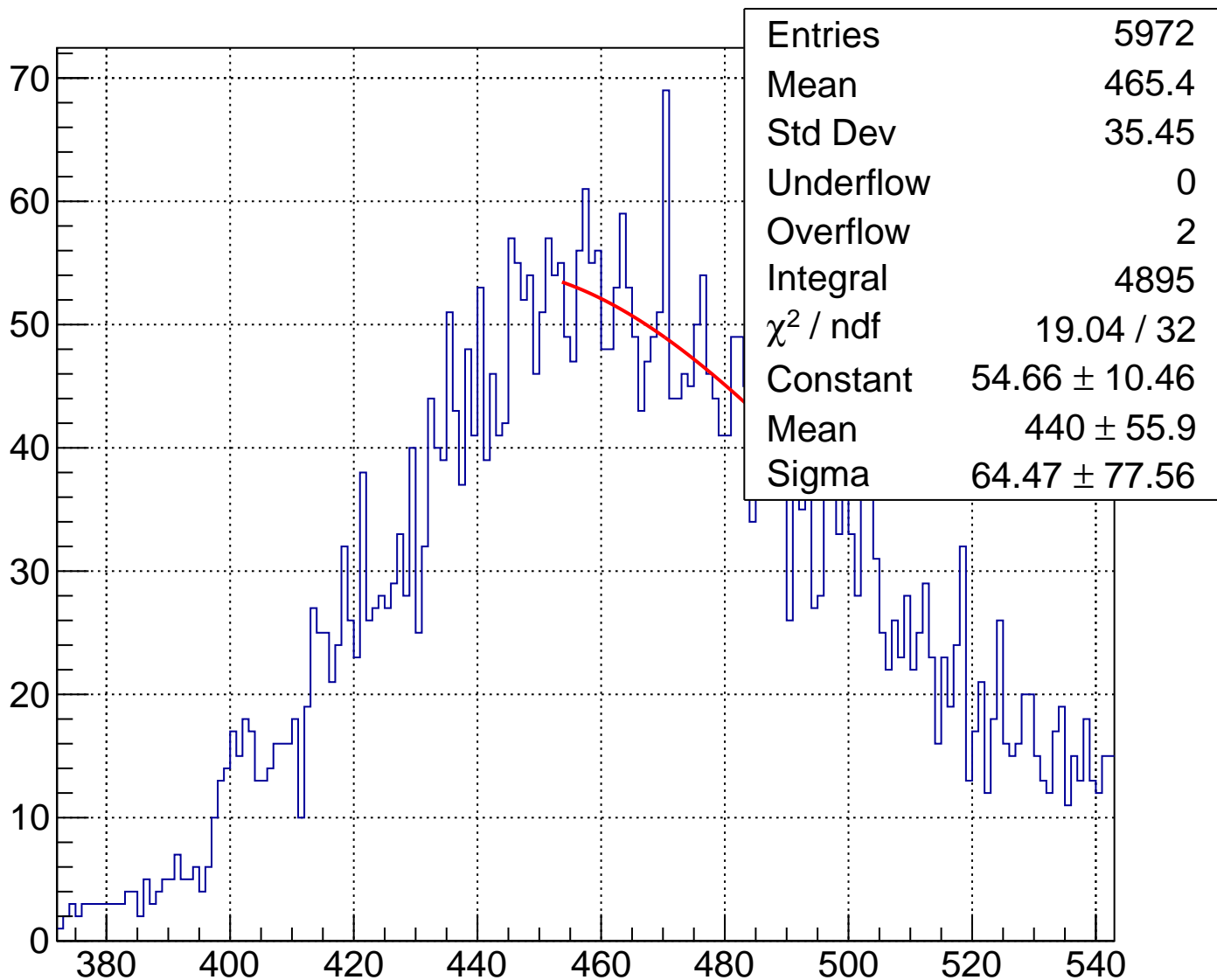
Entries	868
Mean	486.2
Std Dev	22.48
Underflow	0
Overflow	0
Integral	480
$\chi^2$ / ndf	47.89 / 32
Constant	$9.249 \pm 5.715$
Mean	$417.5 \pm 74.7$
Sigma	$101.2 \pm 96.7$



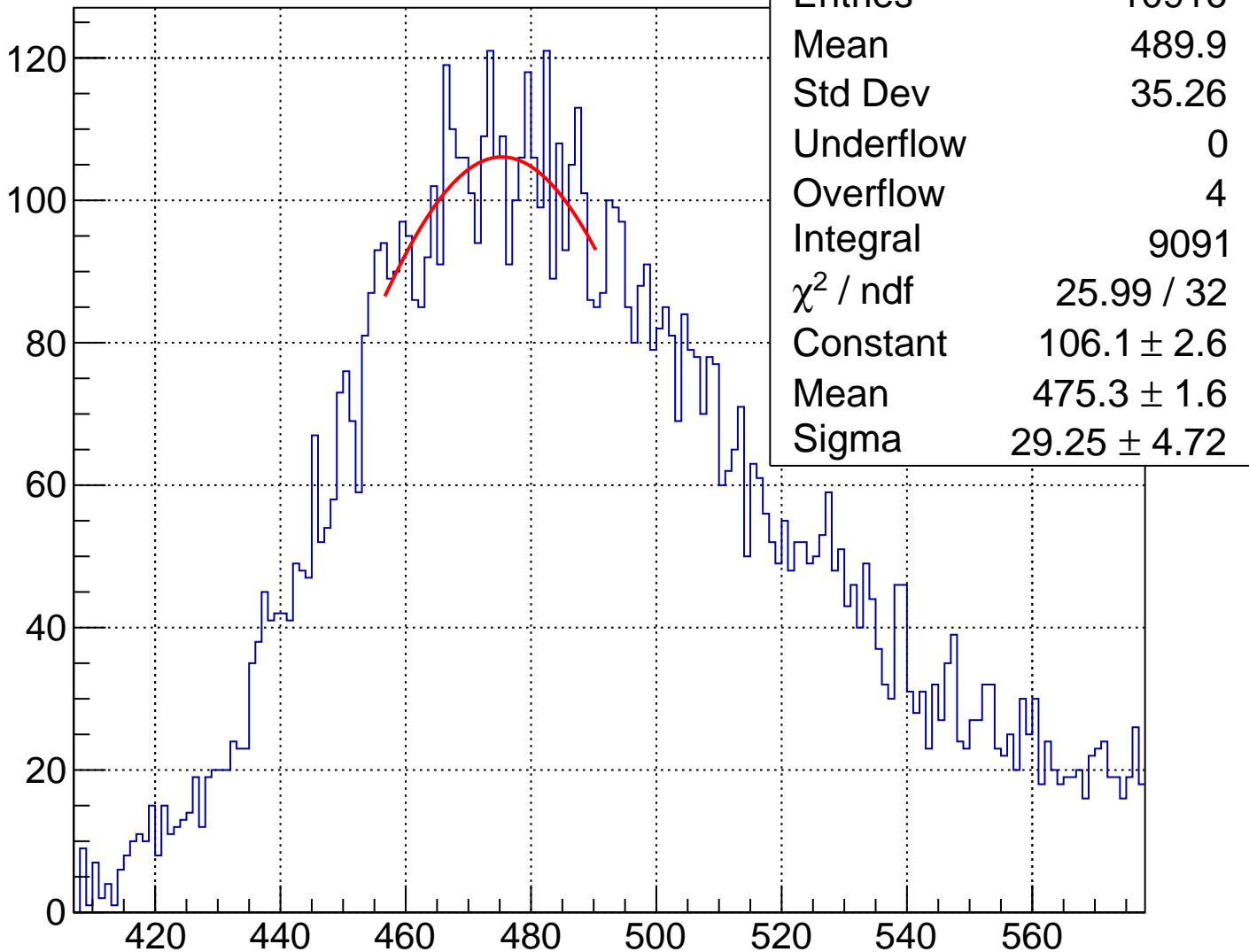
# BH1DMIP2



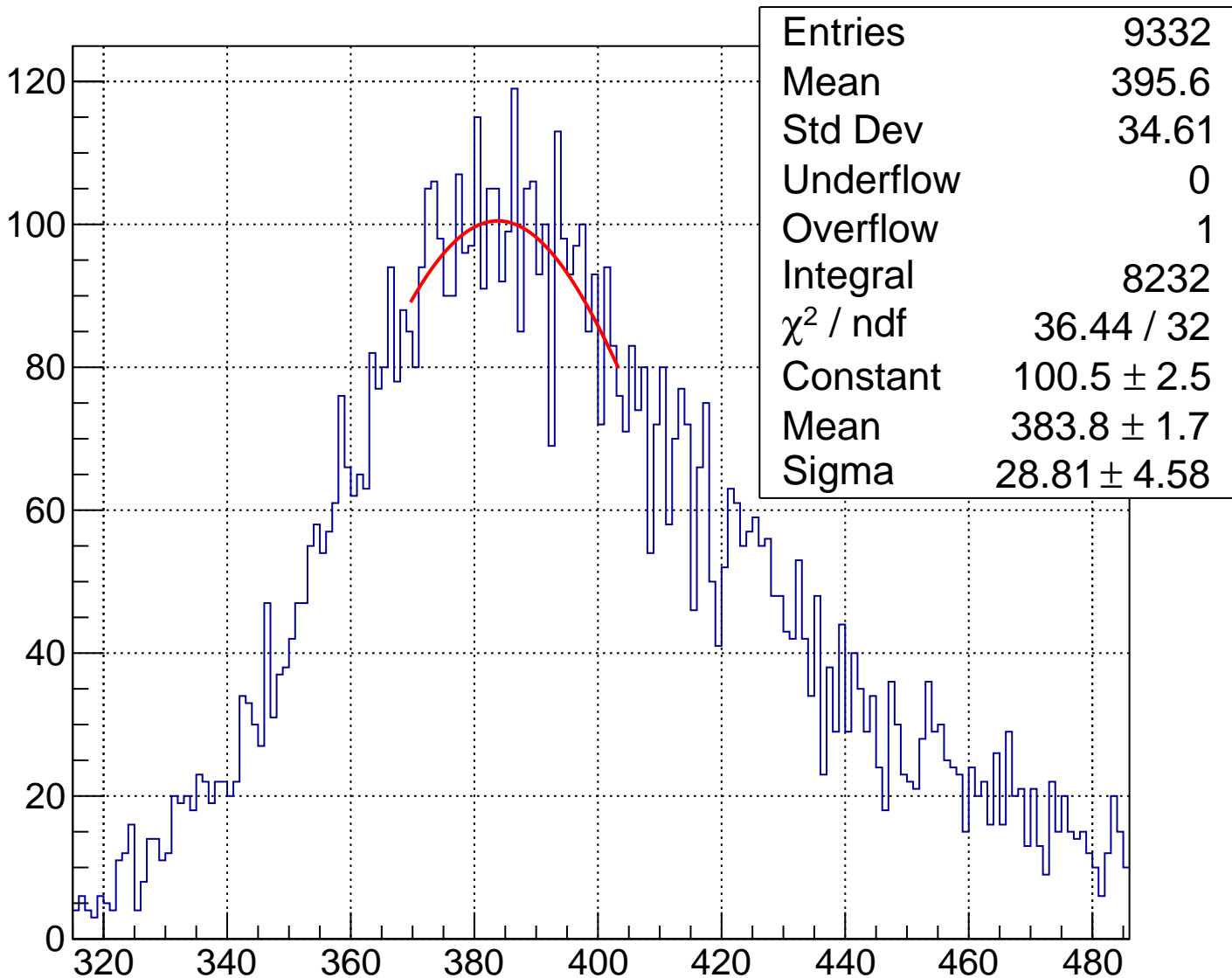
# BH1DMIP3



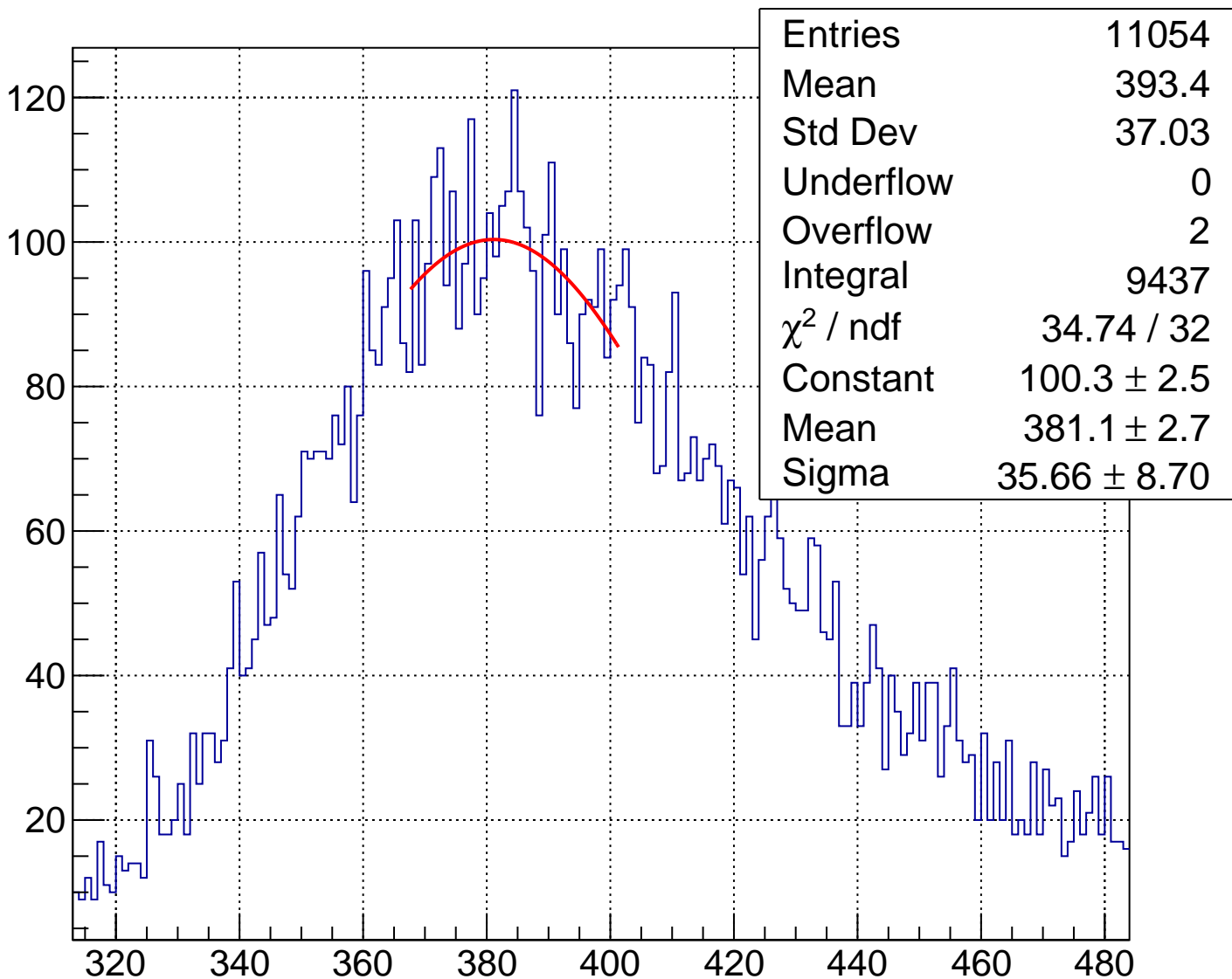
# BH1DMIP4



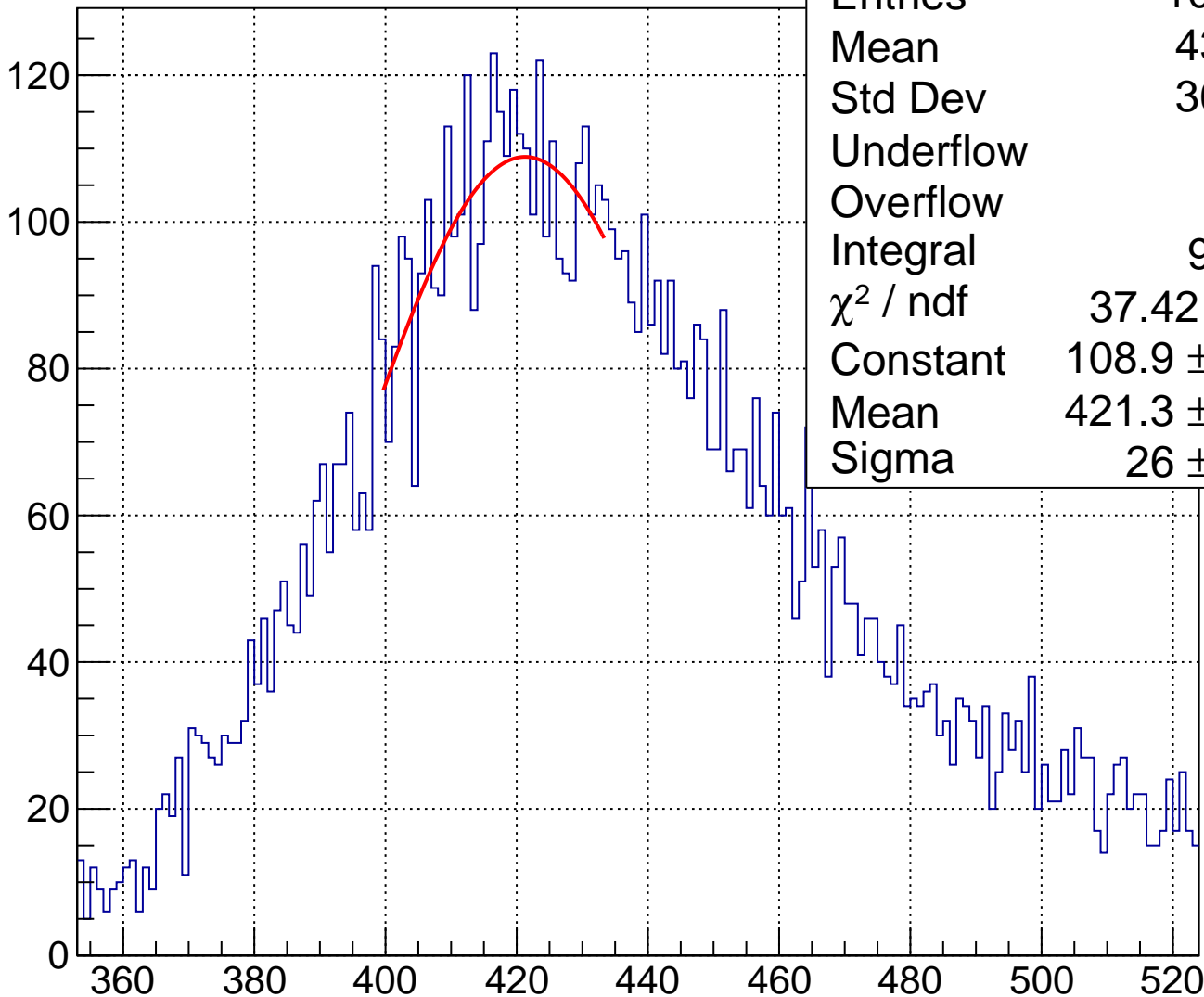
# BH1DMIP5



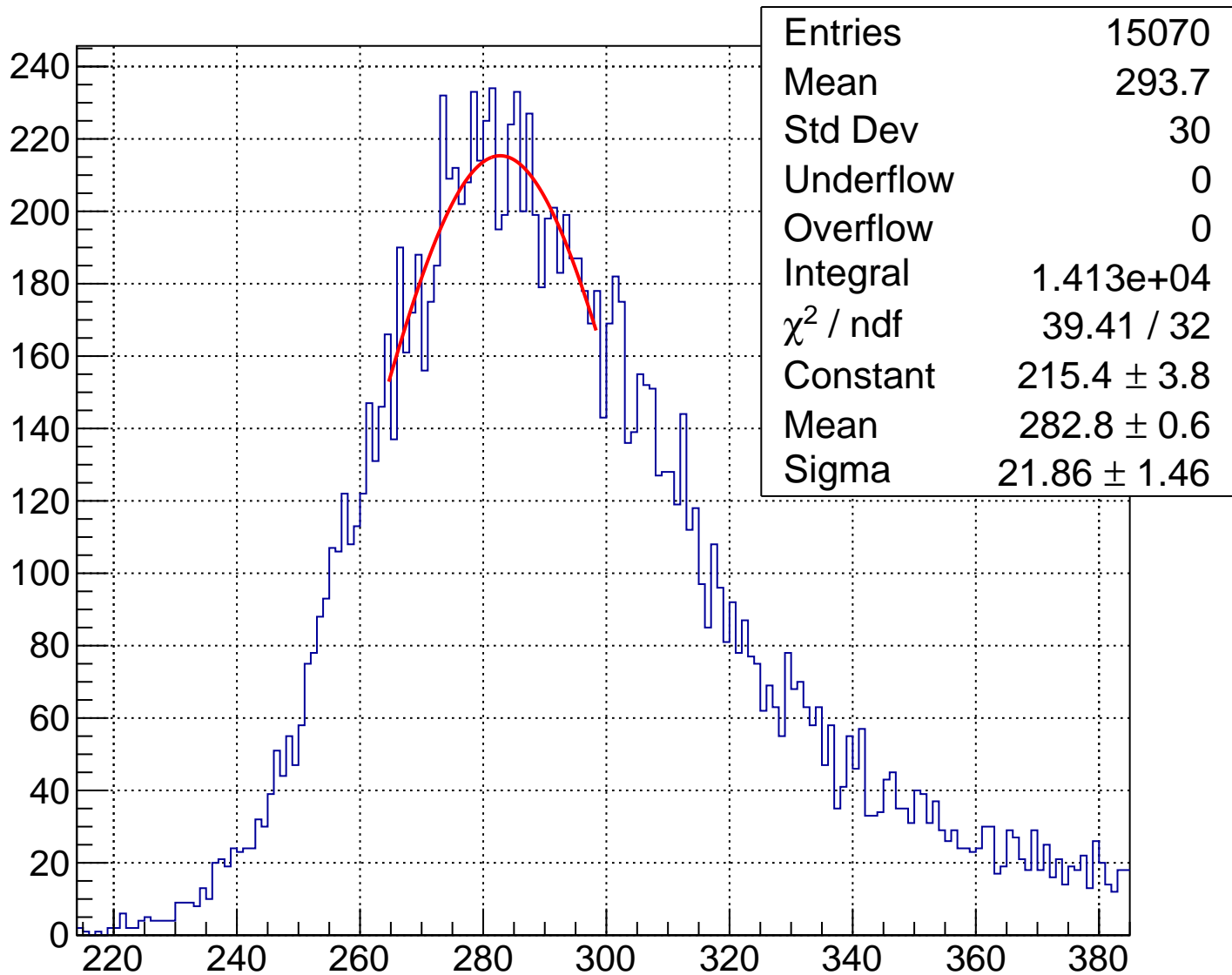
# BH1DMIP6



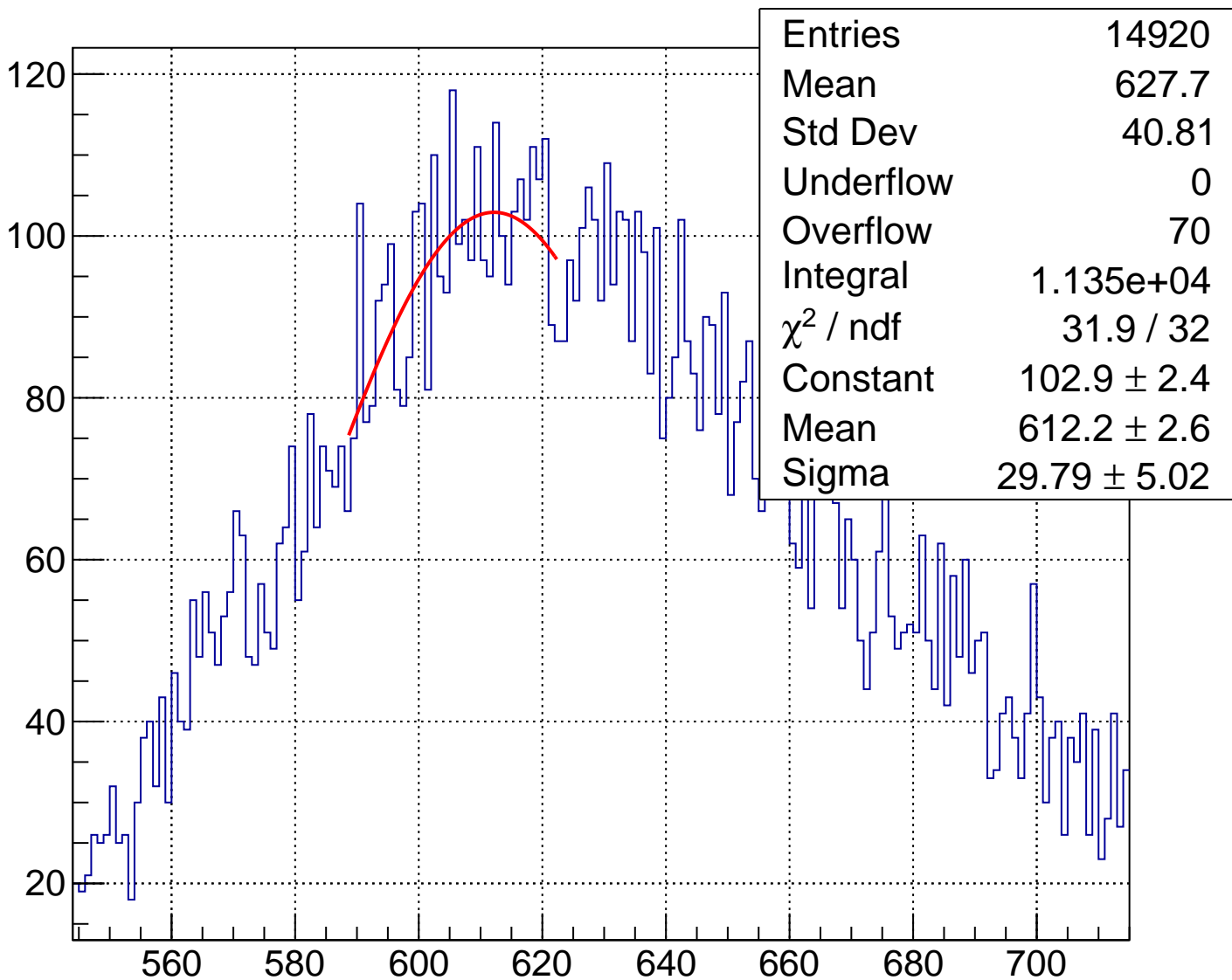
# BH1DMIP7



# BH1DMIP8

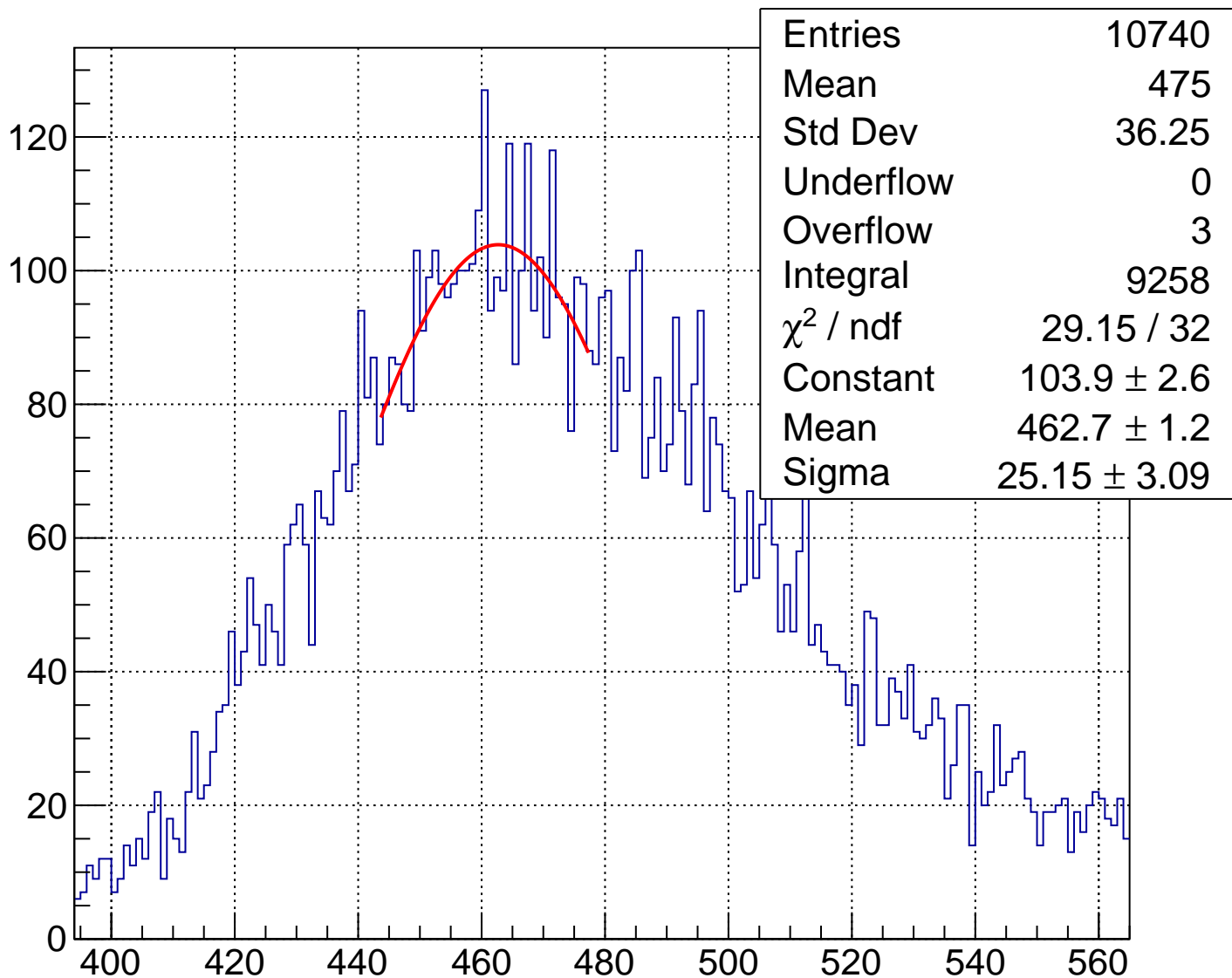


# BH1DMIP9

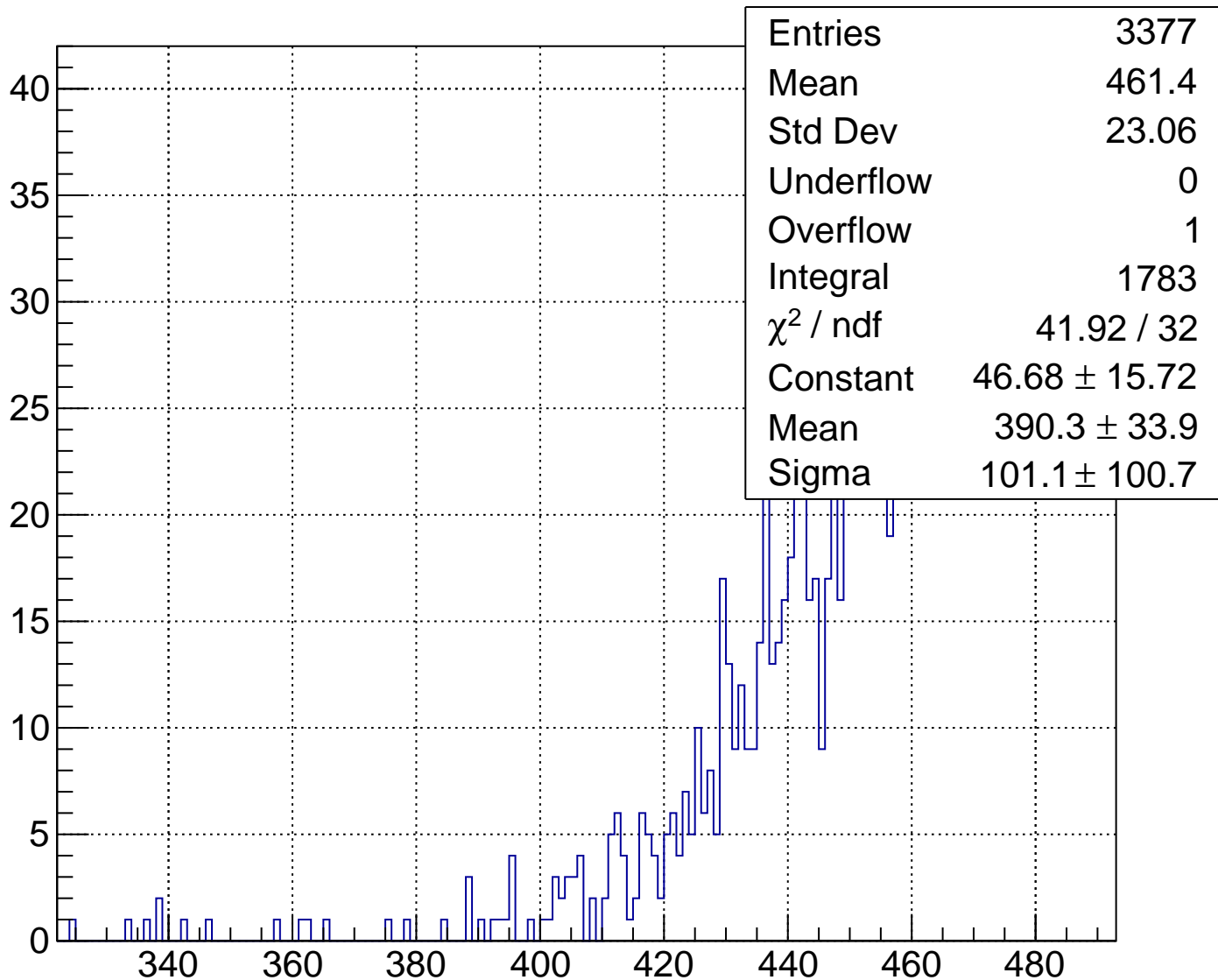




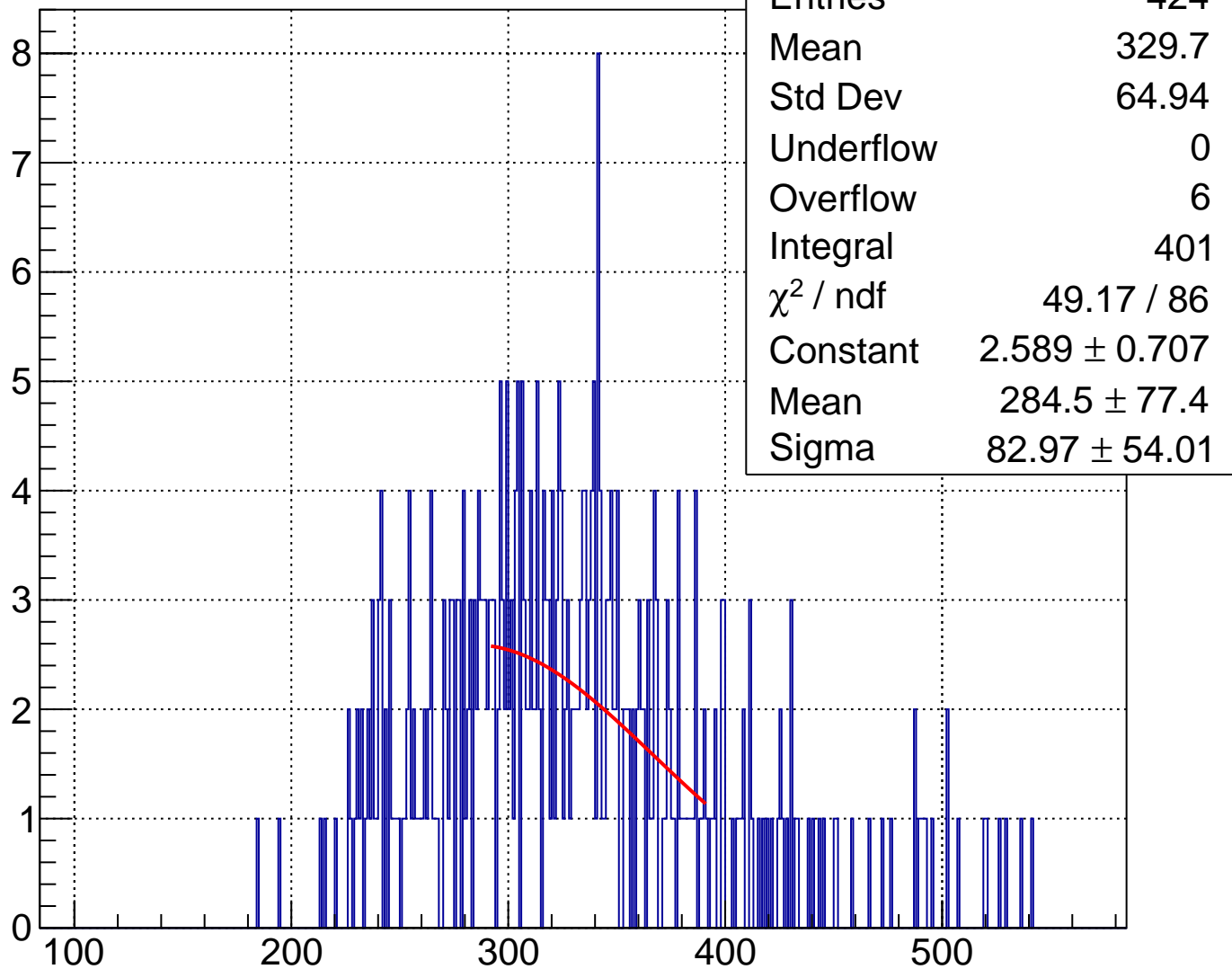
# BH1DMIP10



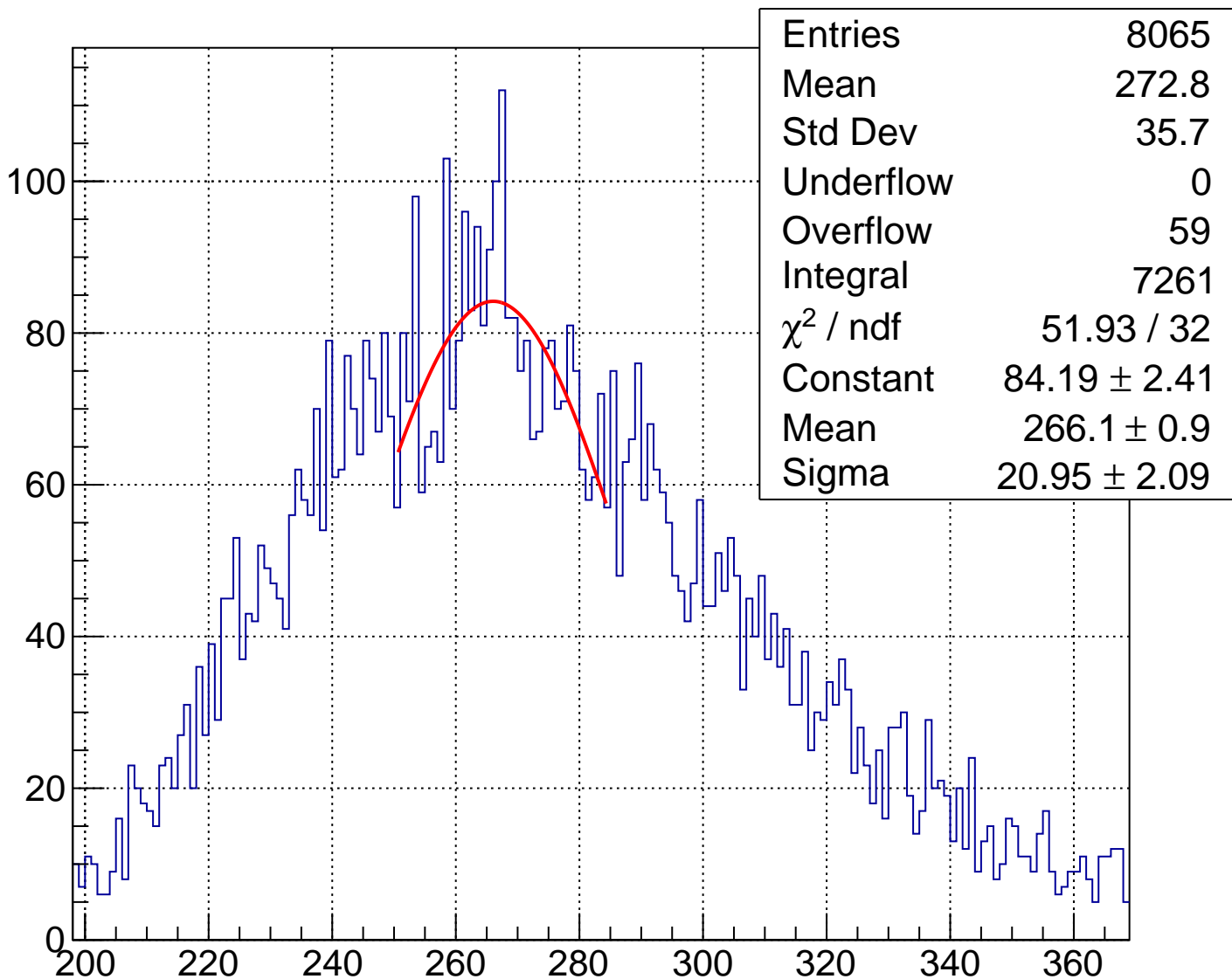
# BH1DMIP11



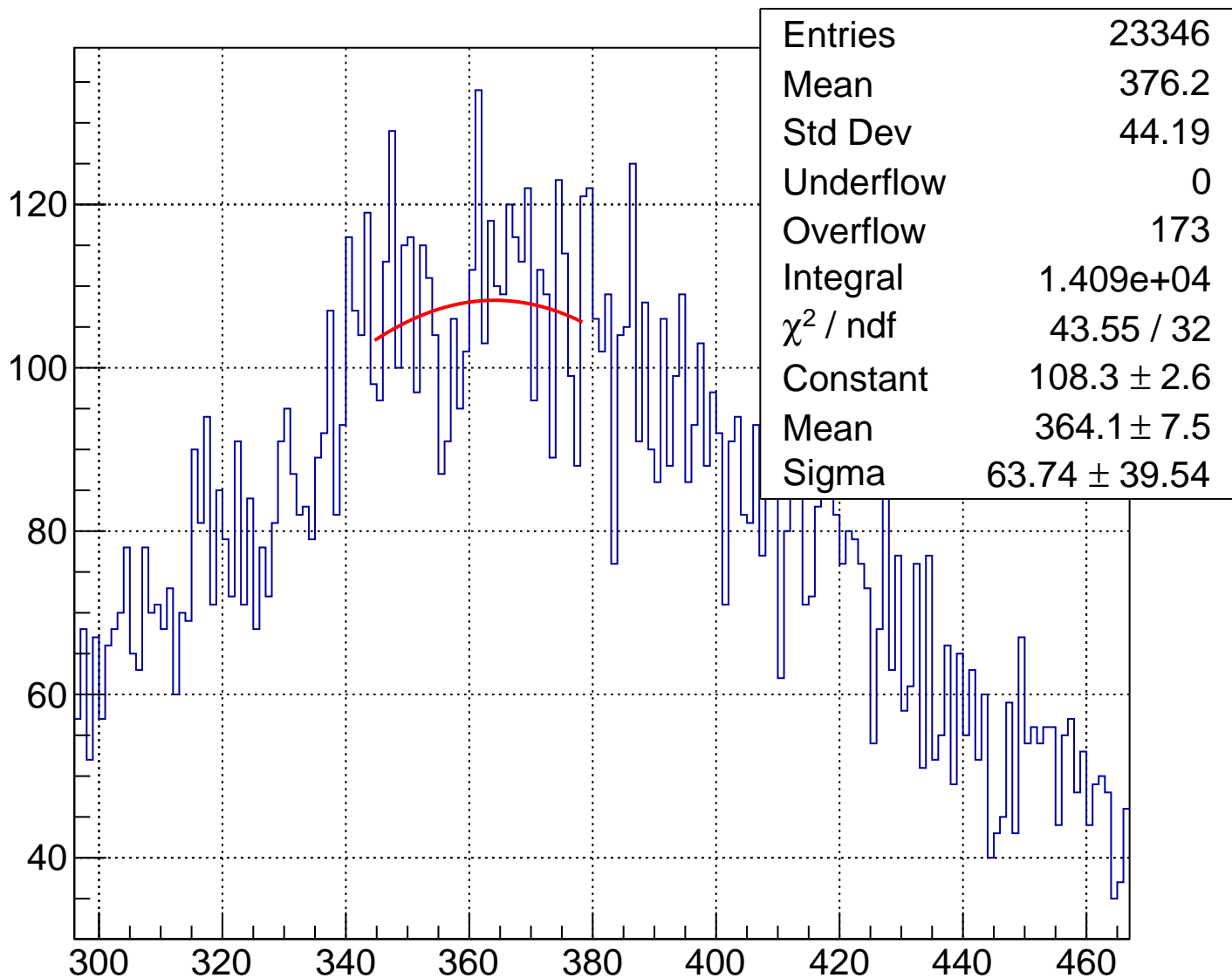
# BH2UMIP1



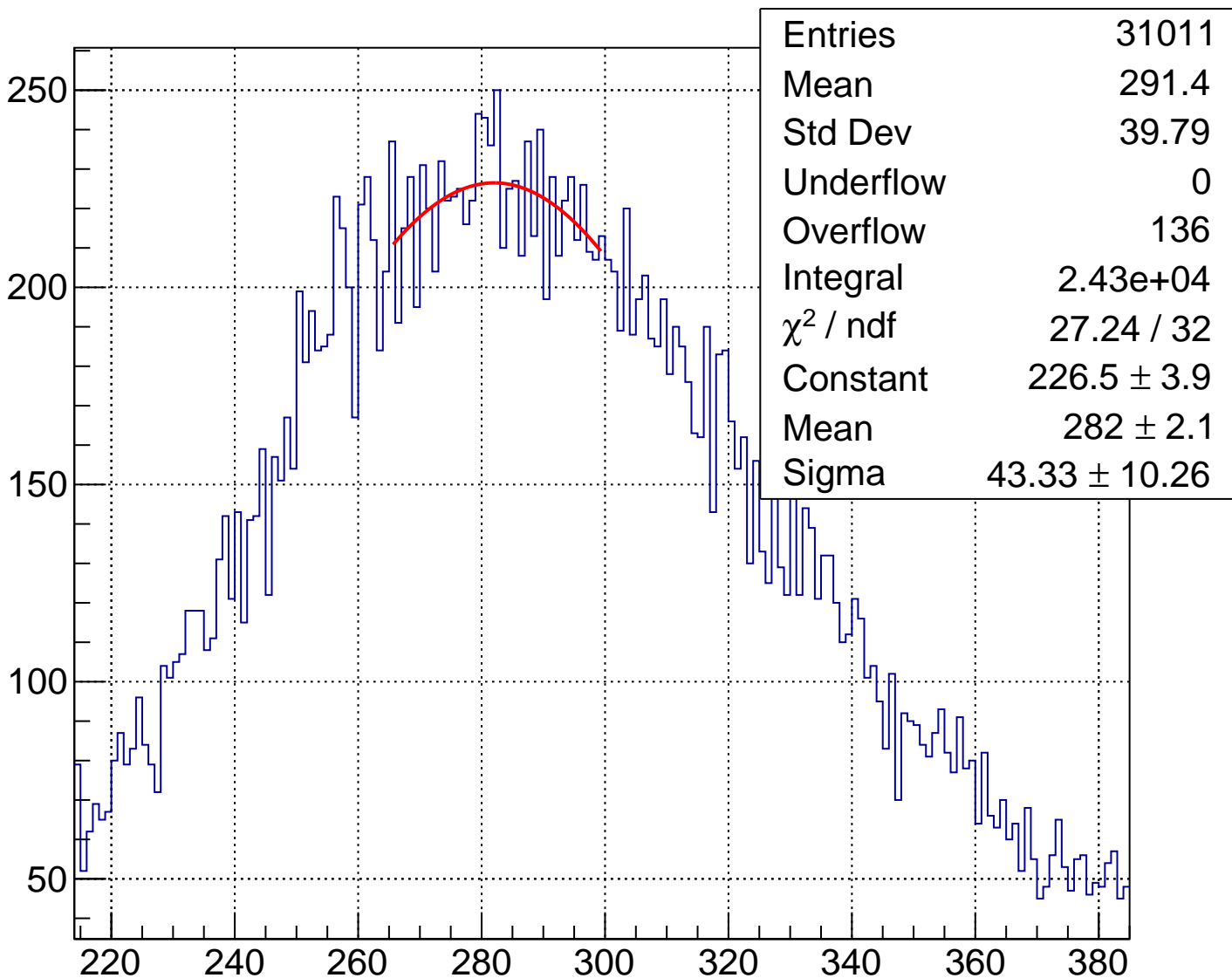
# BH2UMIP2



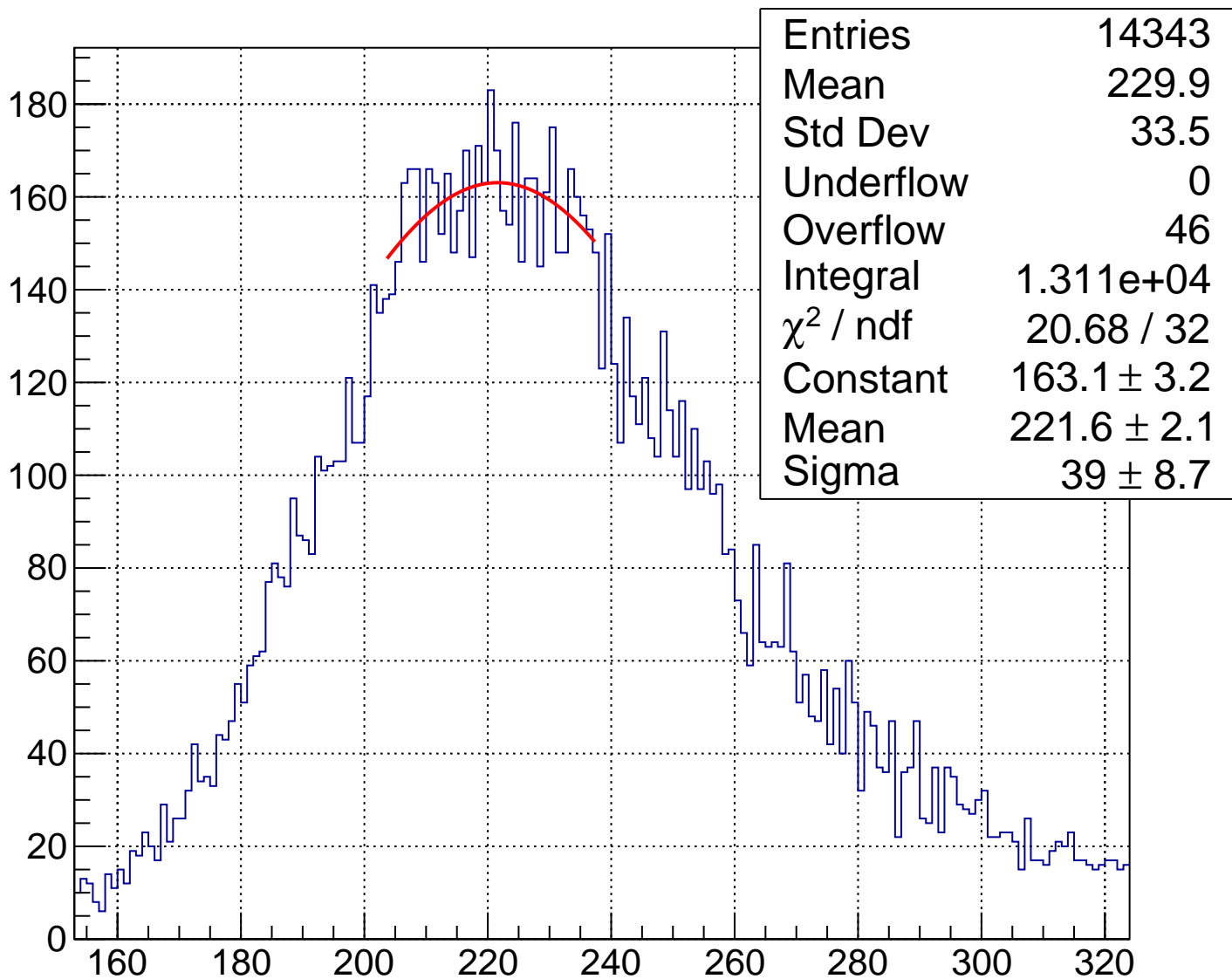
# BH2UMIP3



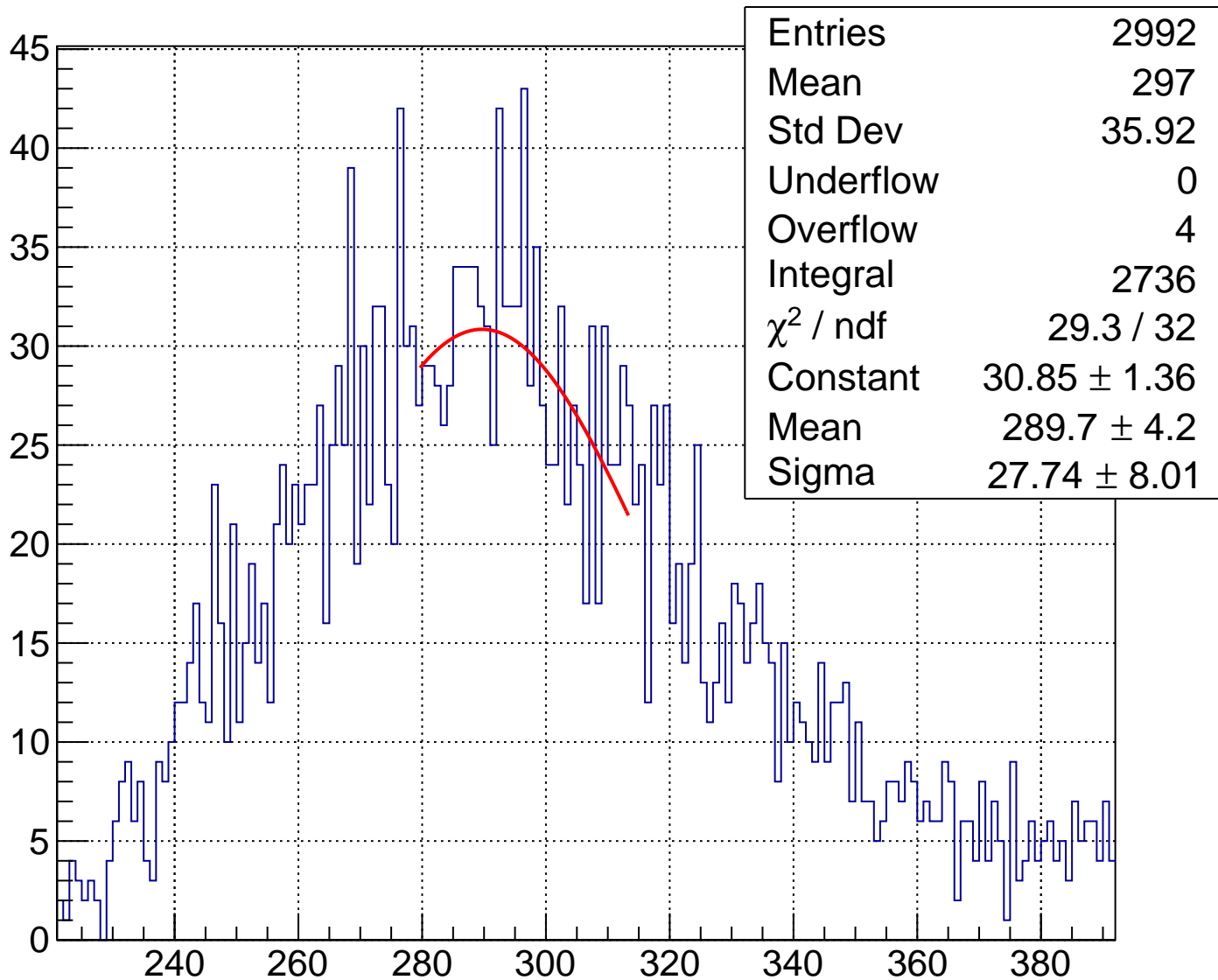
# BH2UMIP4



# BH2UMIP5

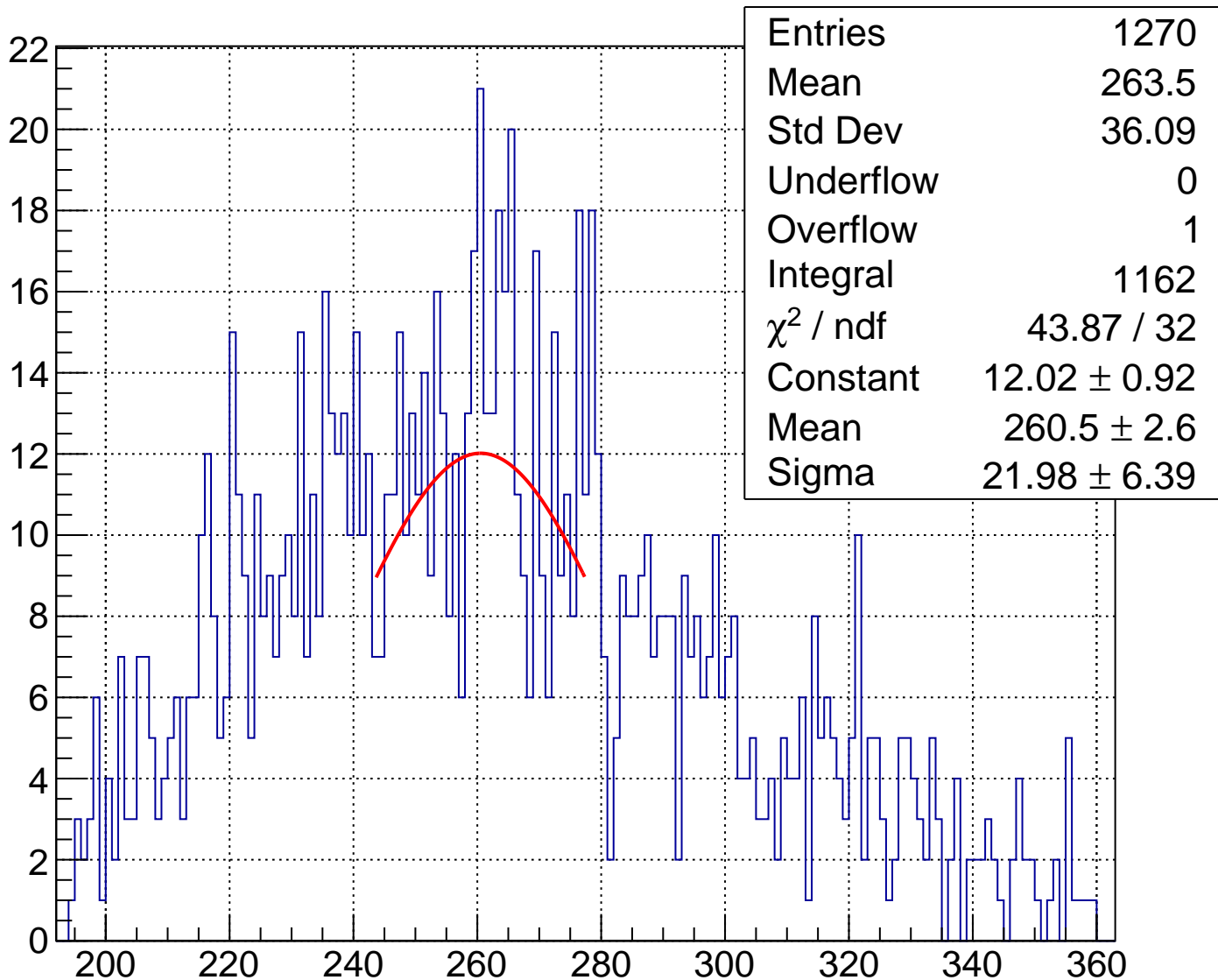


# BH2UMIP6

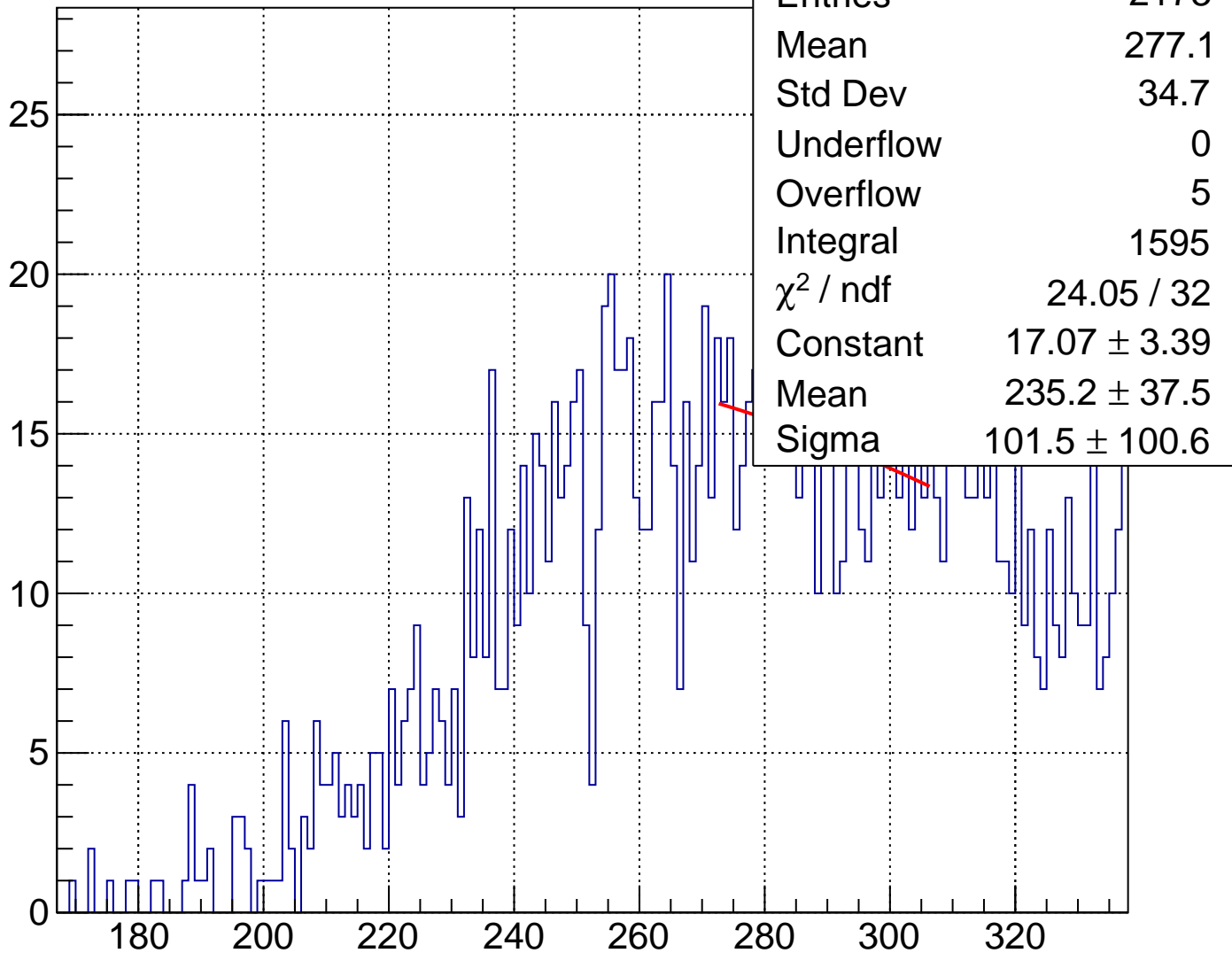




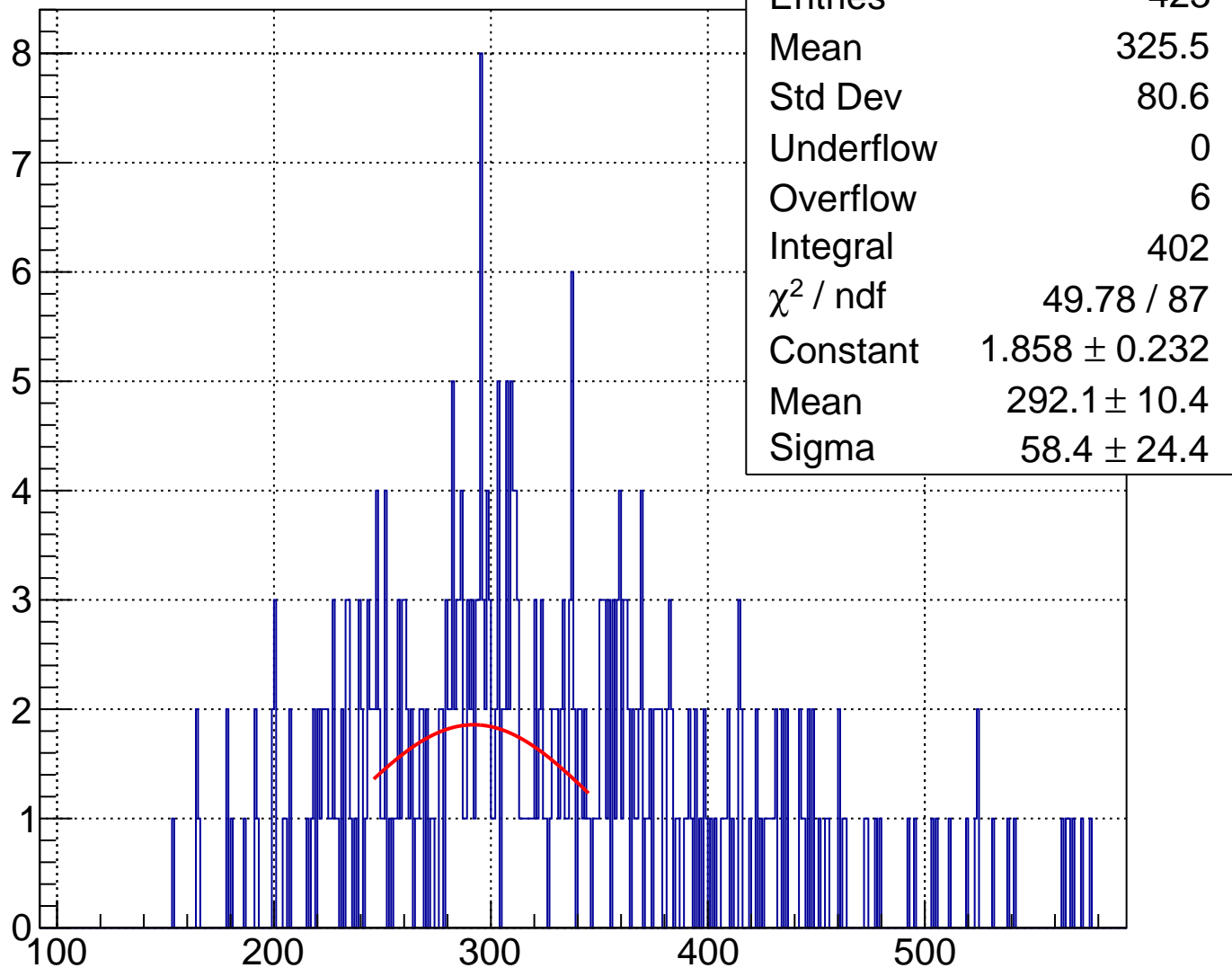
# BH2UMIP7



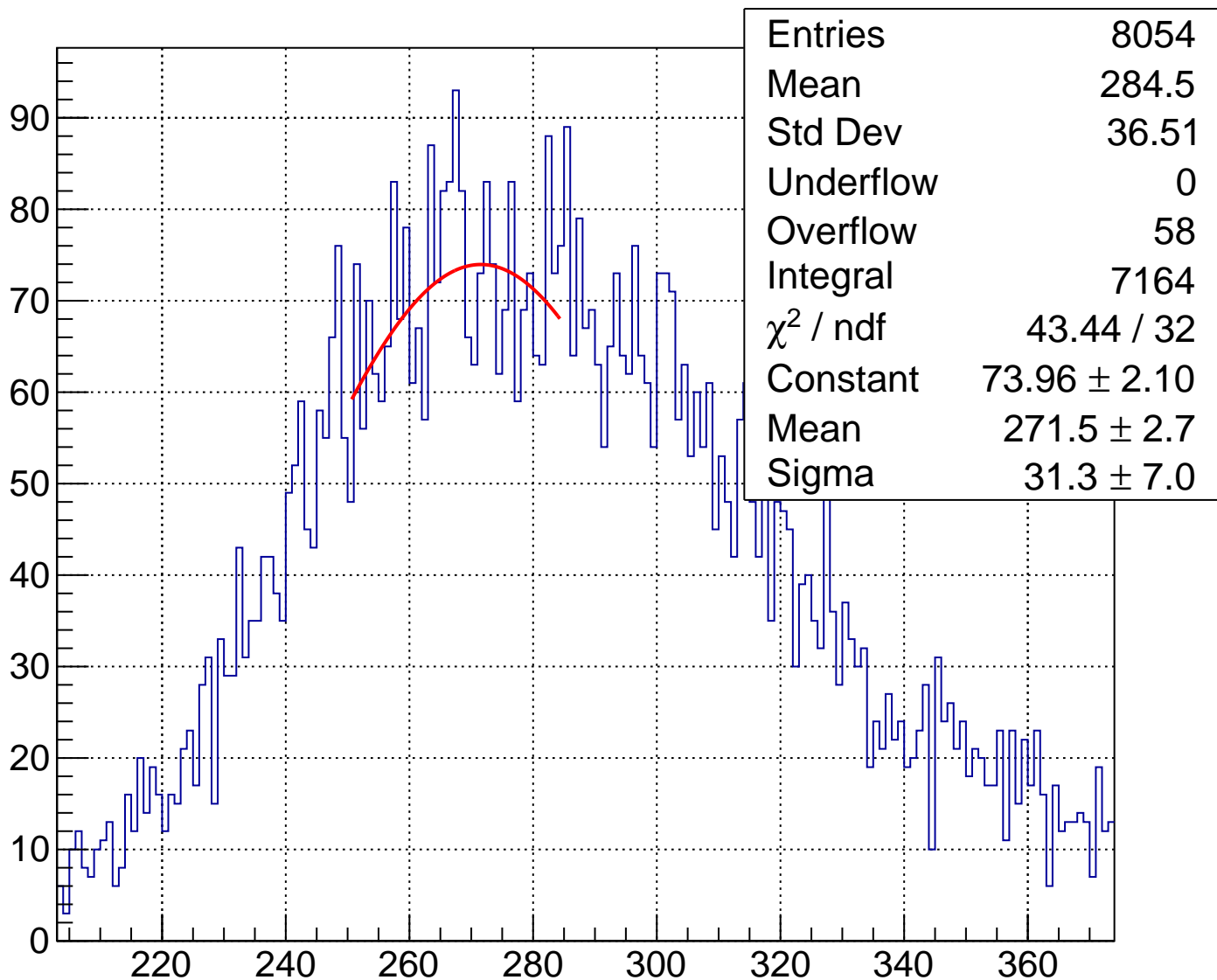
# BH2UMIP8



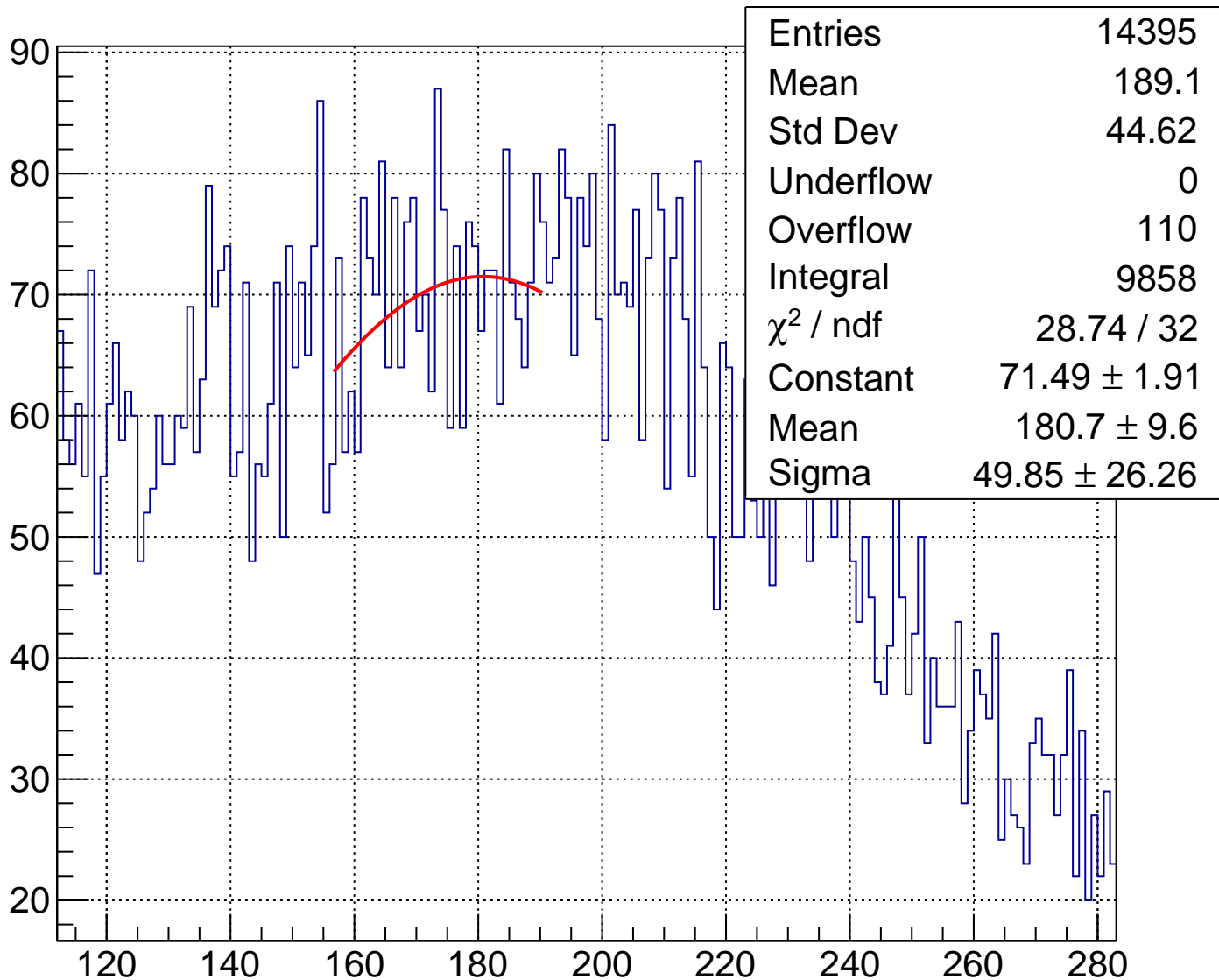
# BH2DMIP1



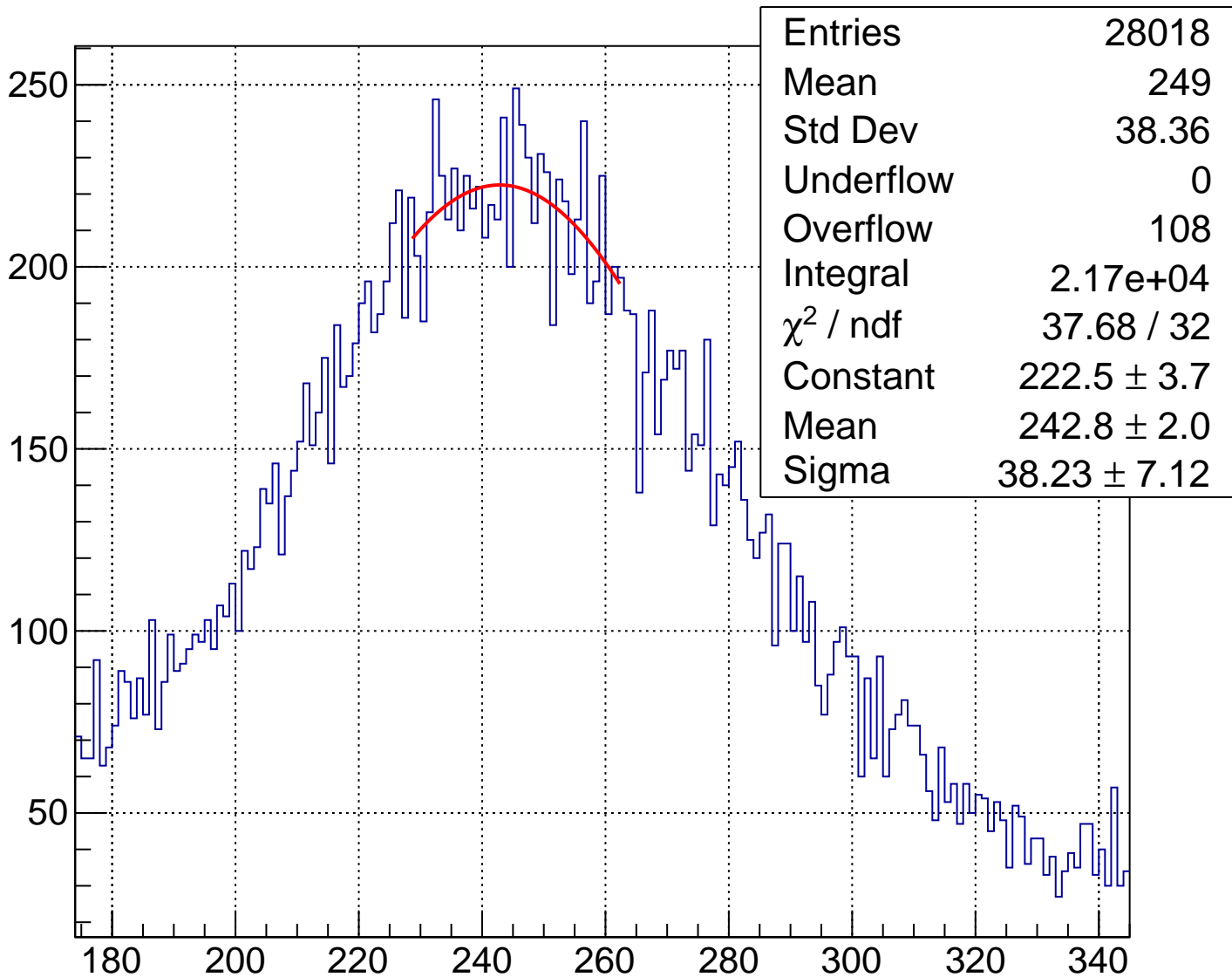
# BH2DMIP2



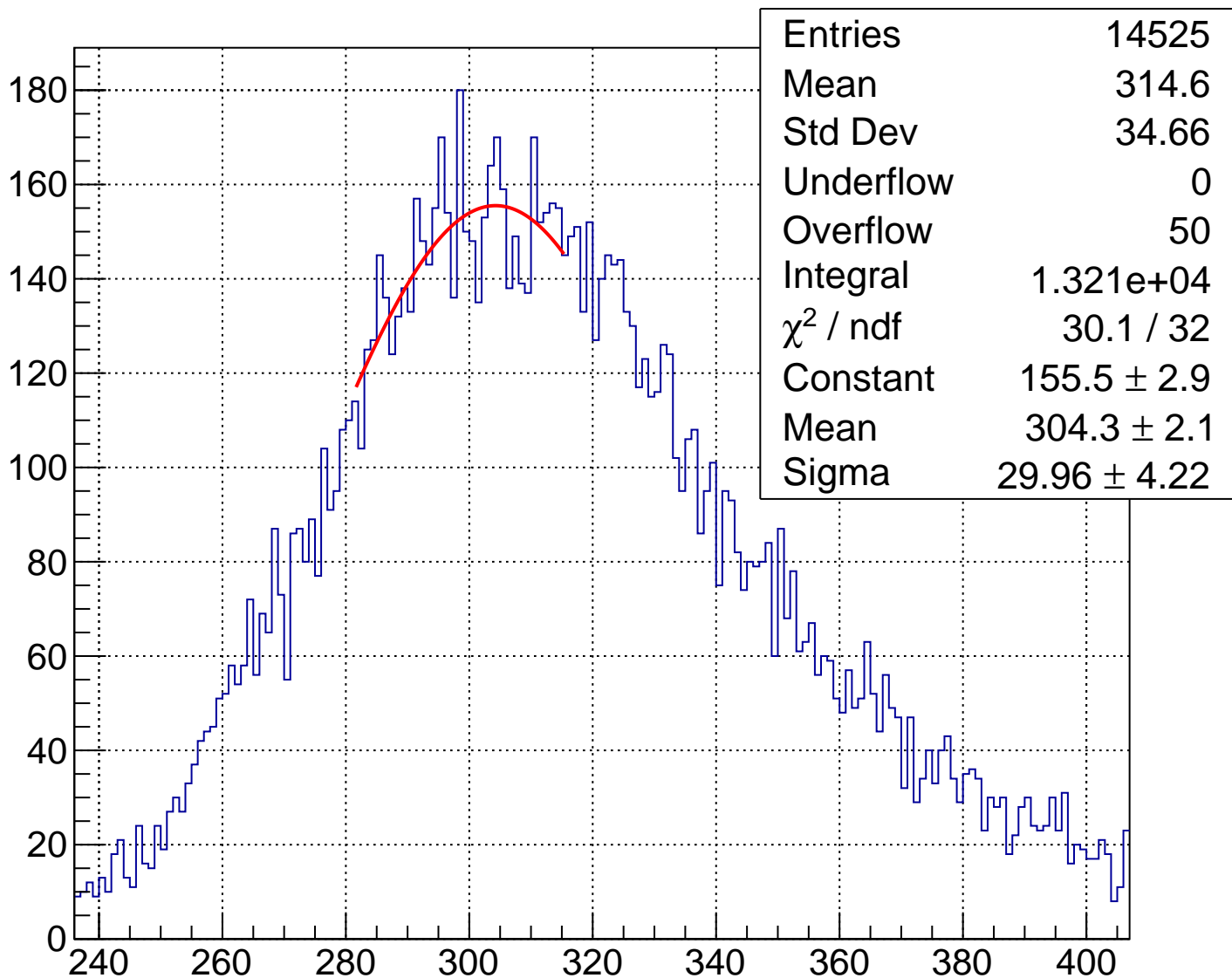
# BH2DMIP3



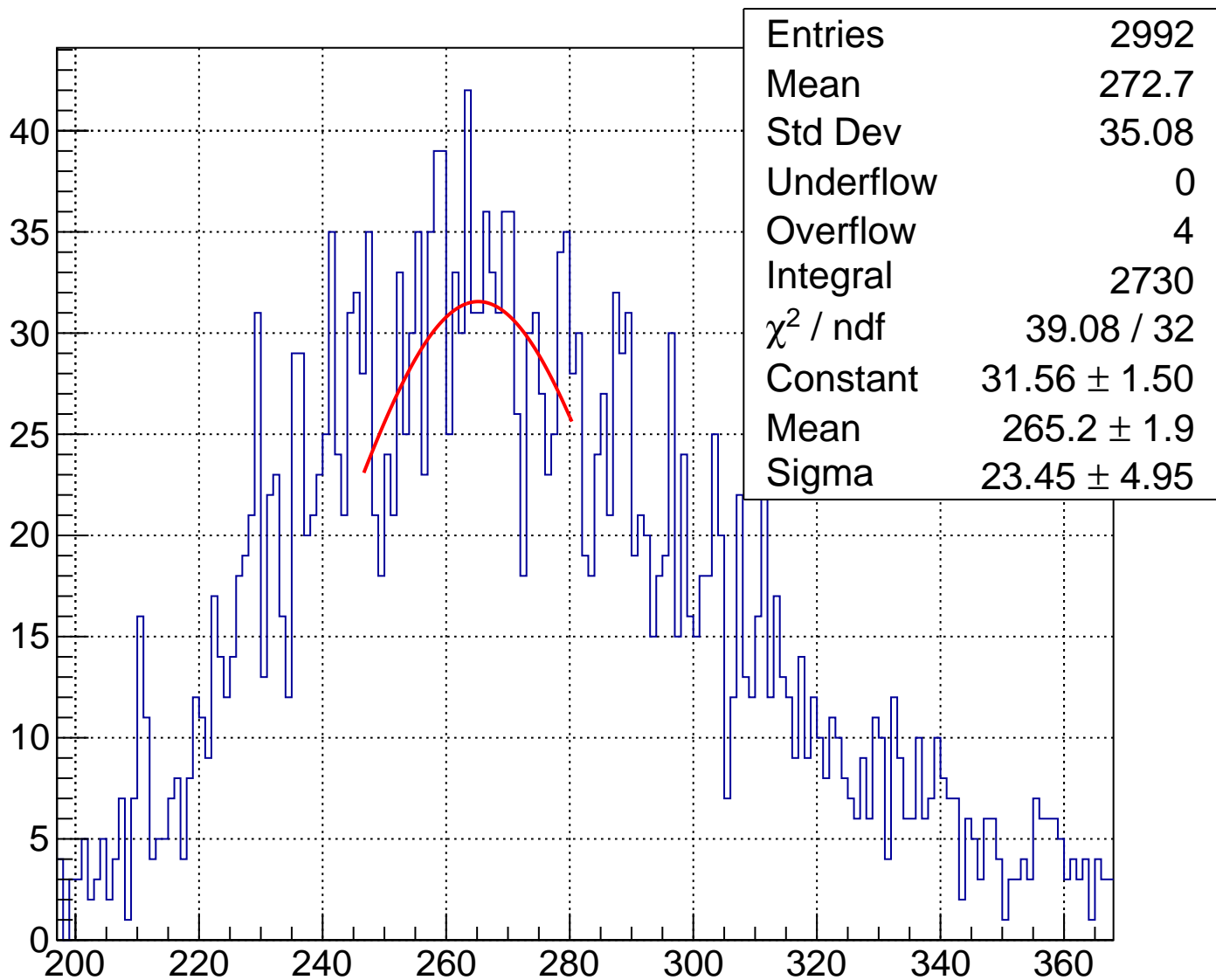
# BH2DMIP4



# BH2DMIP5

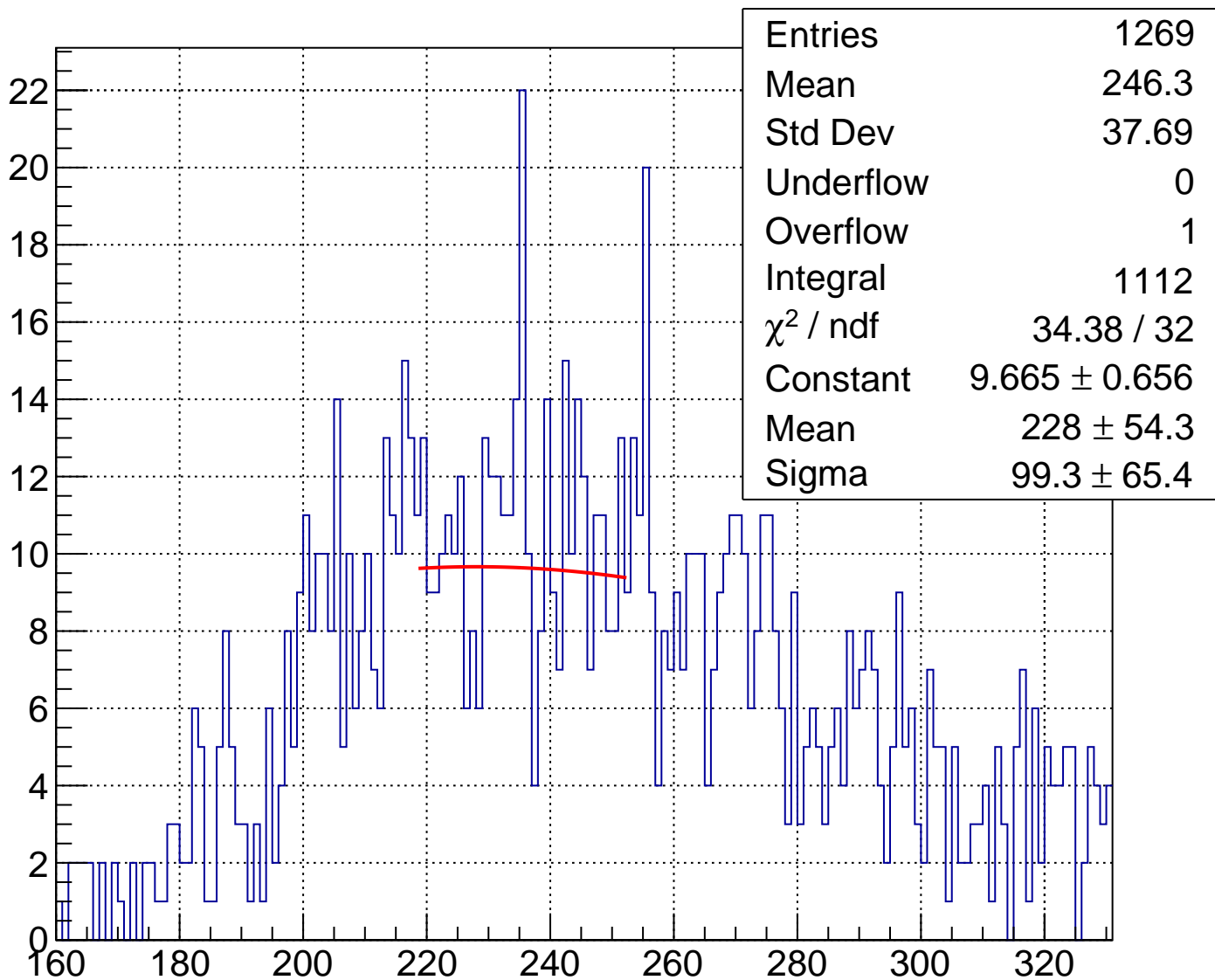


# BH2DMIP6

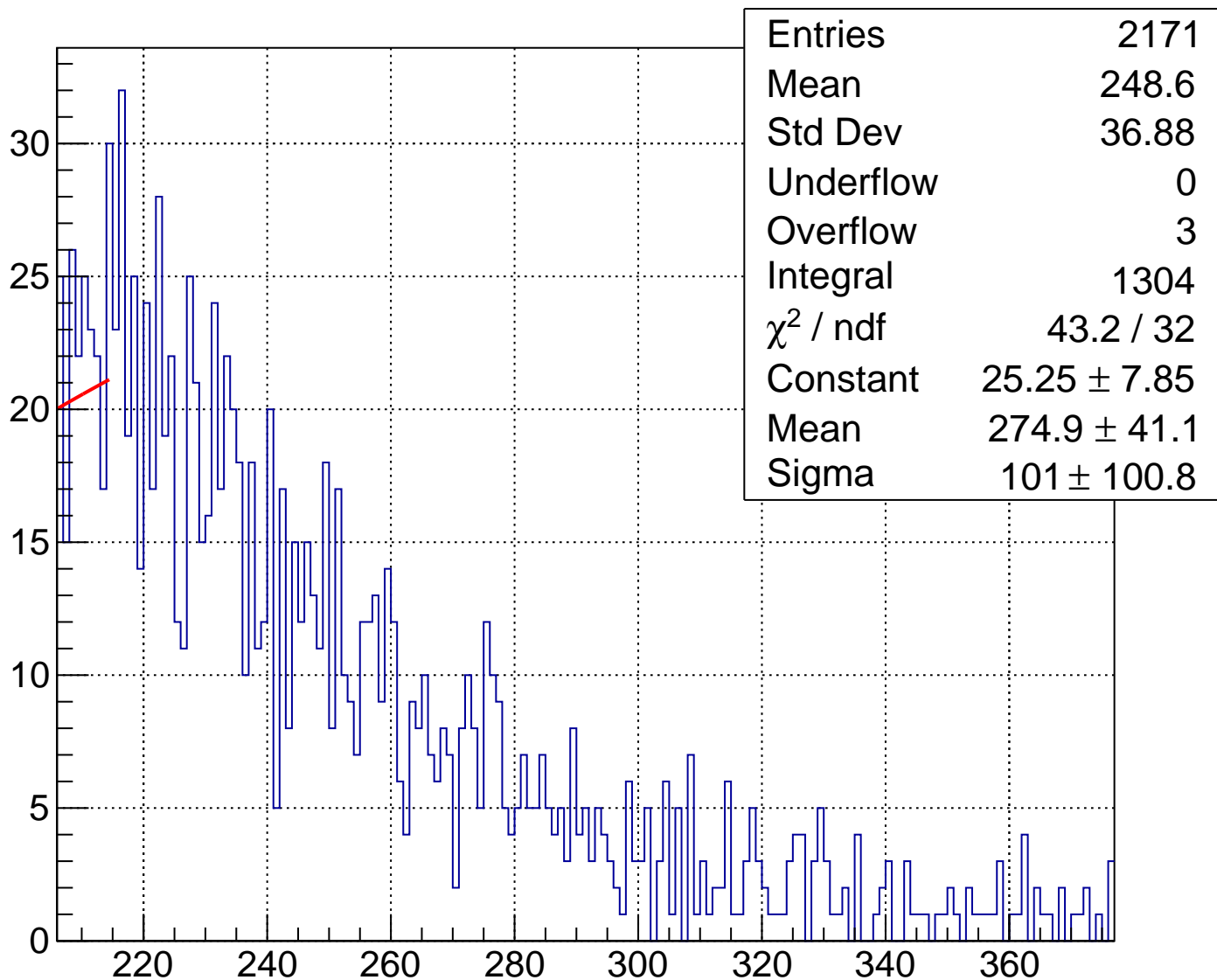




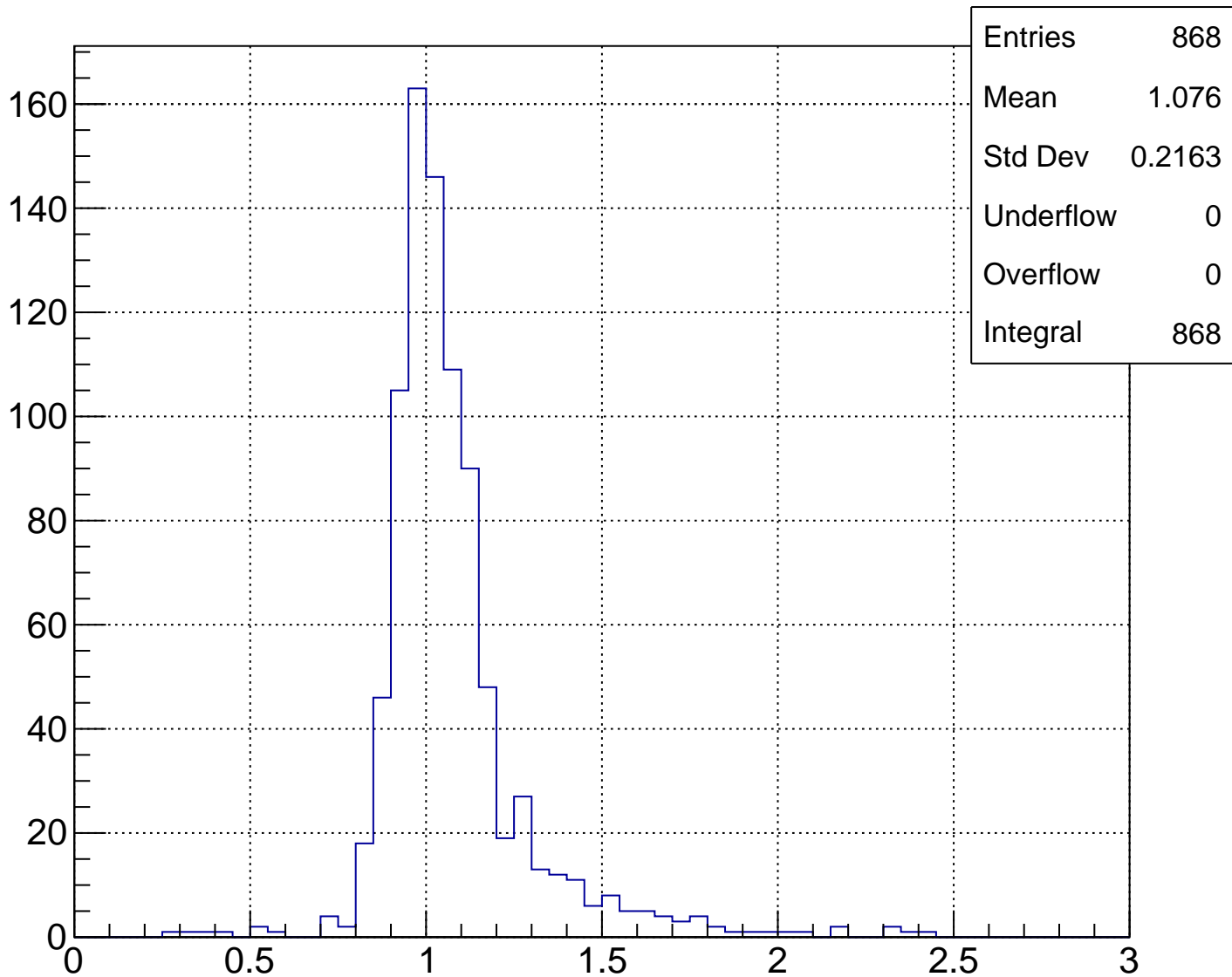
# BH2DMIP7



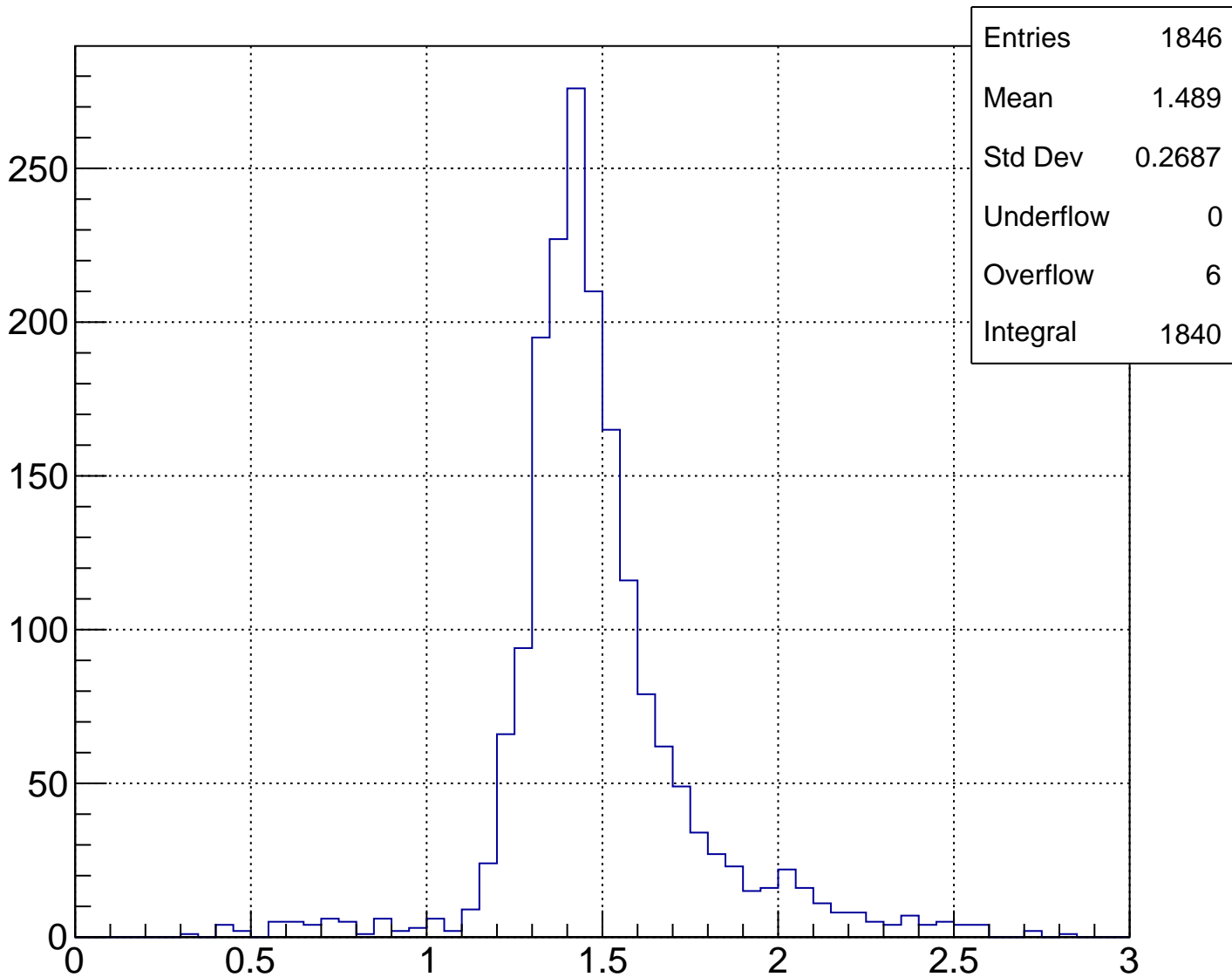
# BH2DMIP8



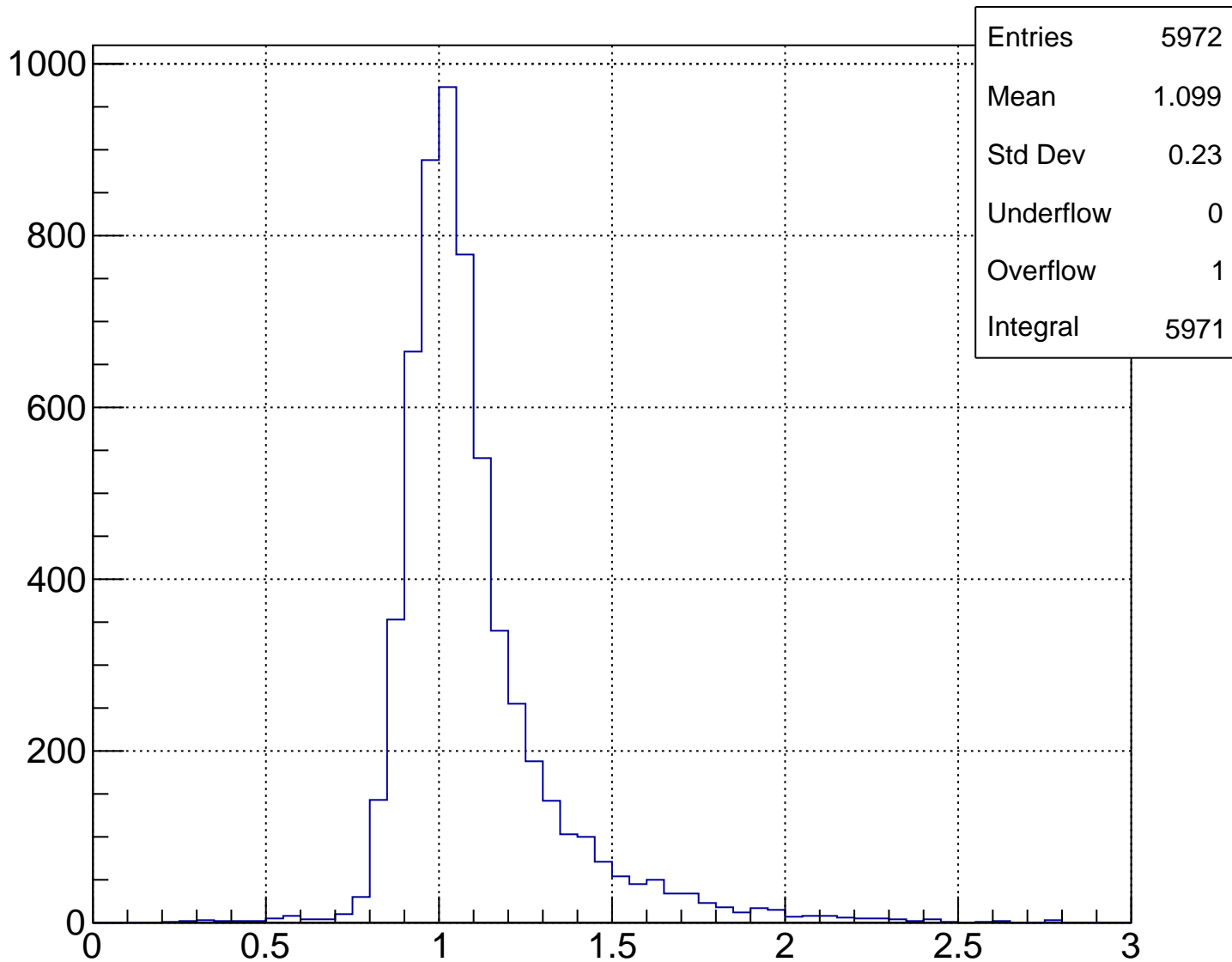
# BH1UdE1



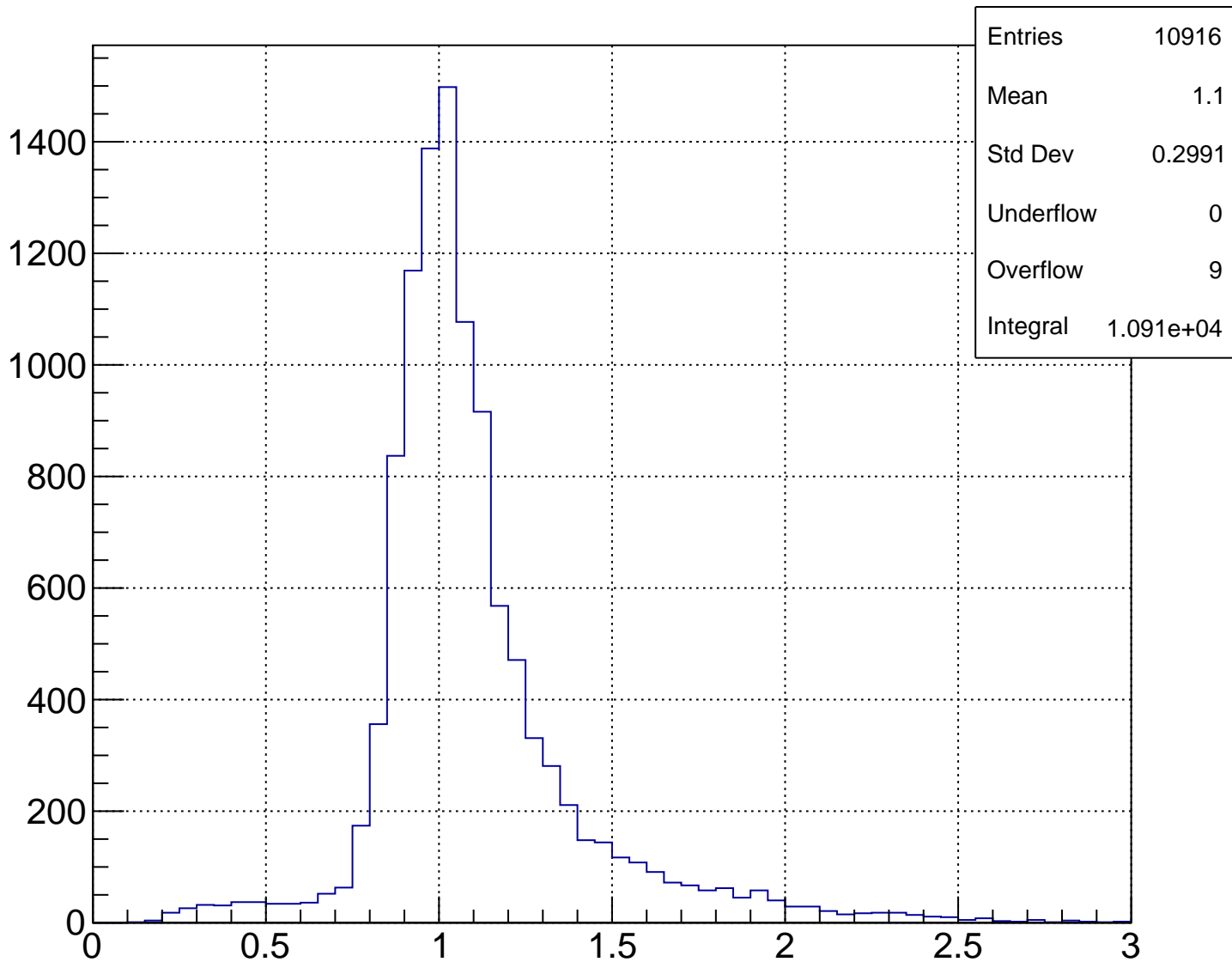
# BH1UdE2



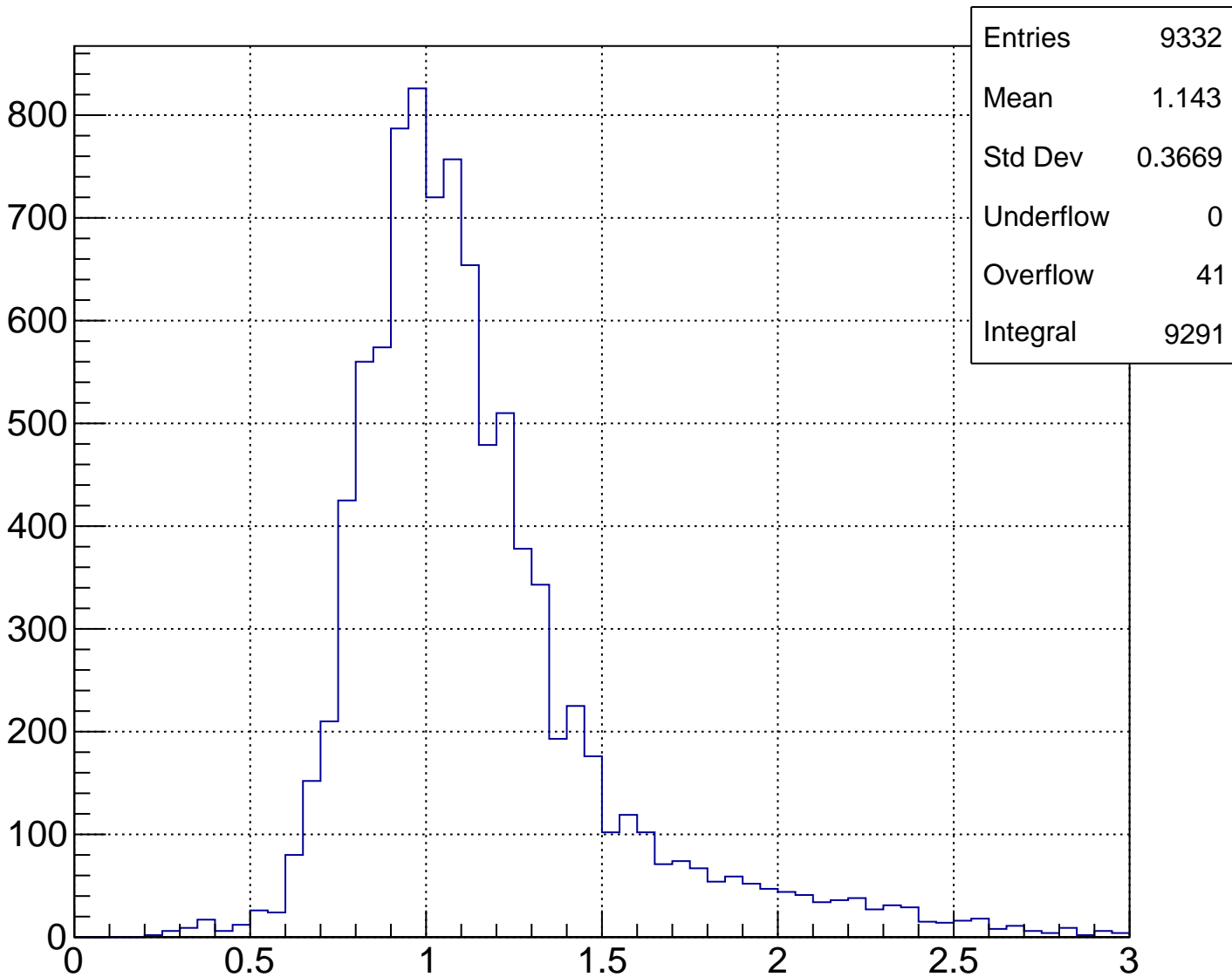
# BH1UdE3



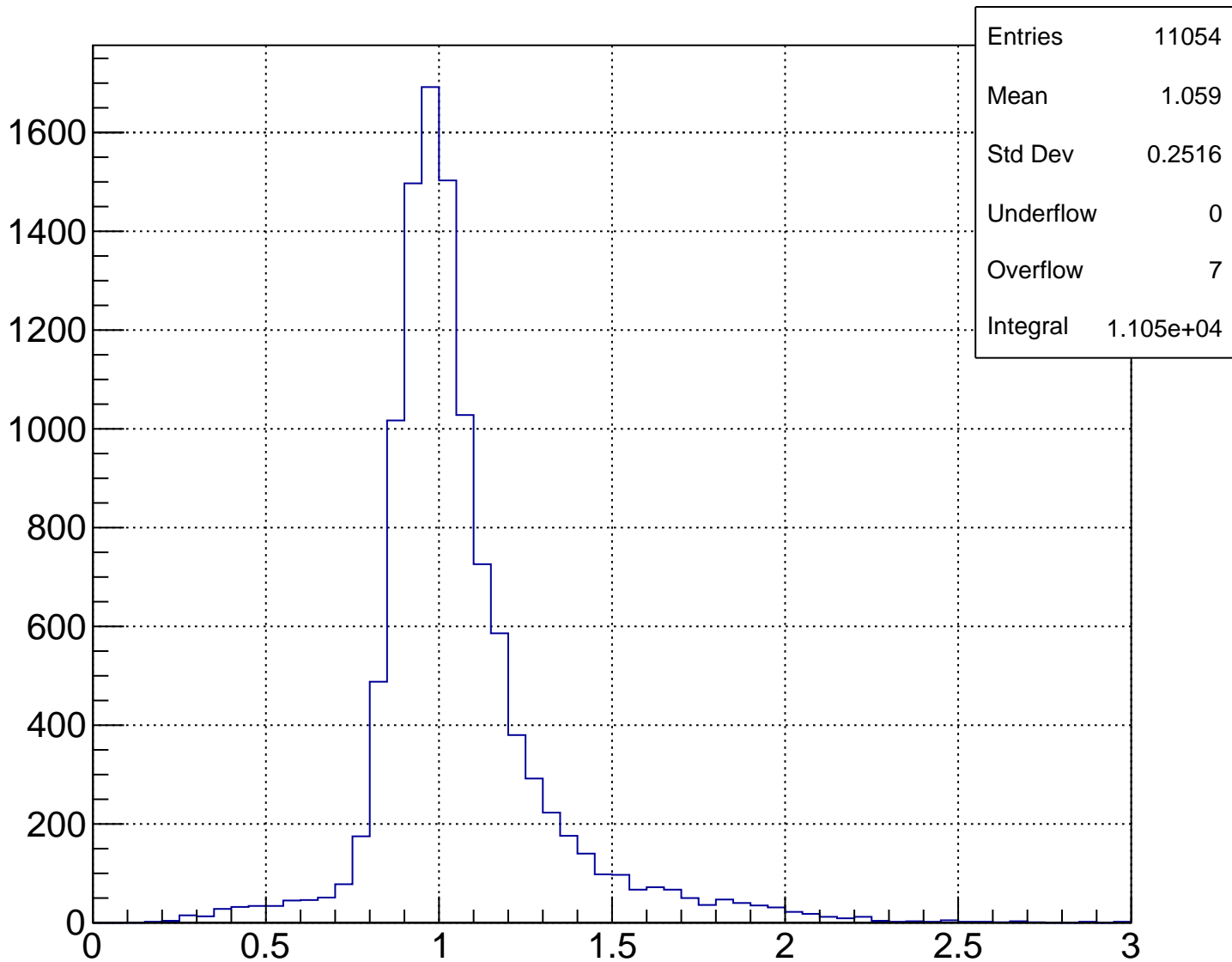
# BH1UdE4



# BH1UdE5

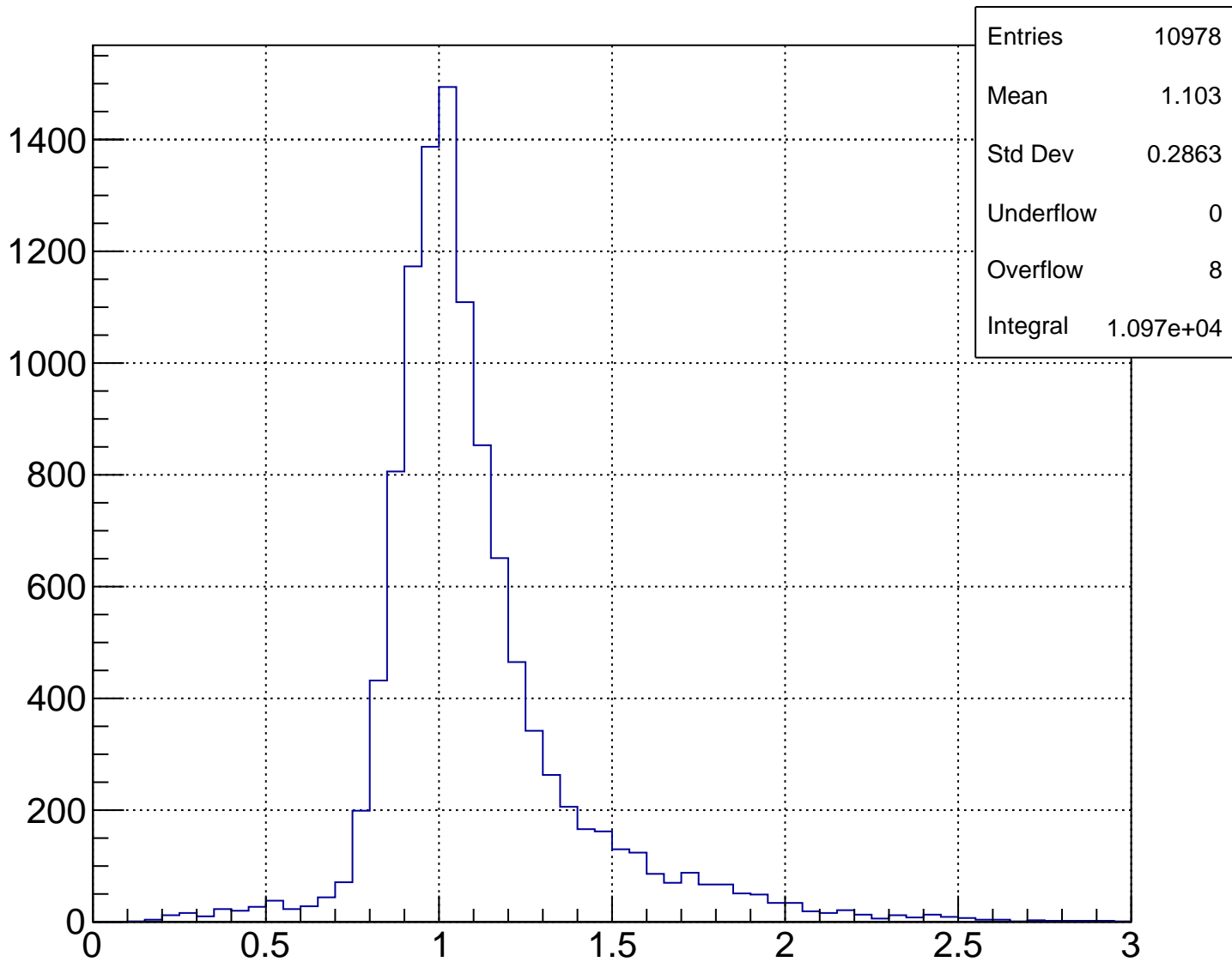


# BH1UdE6

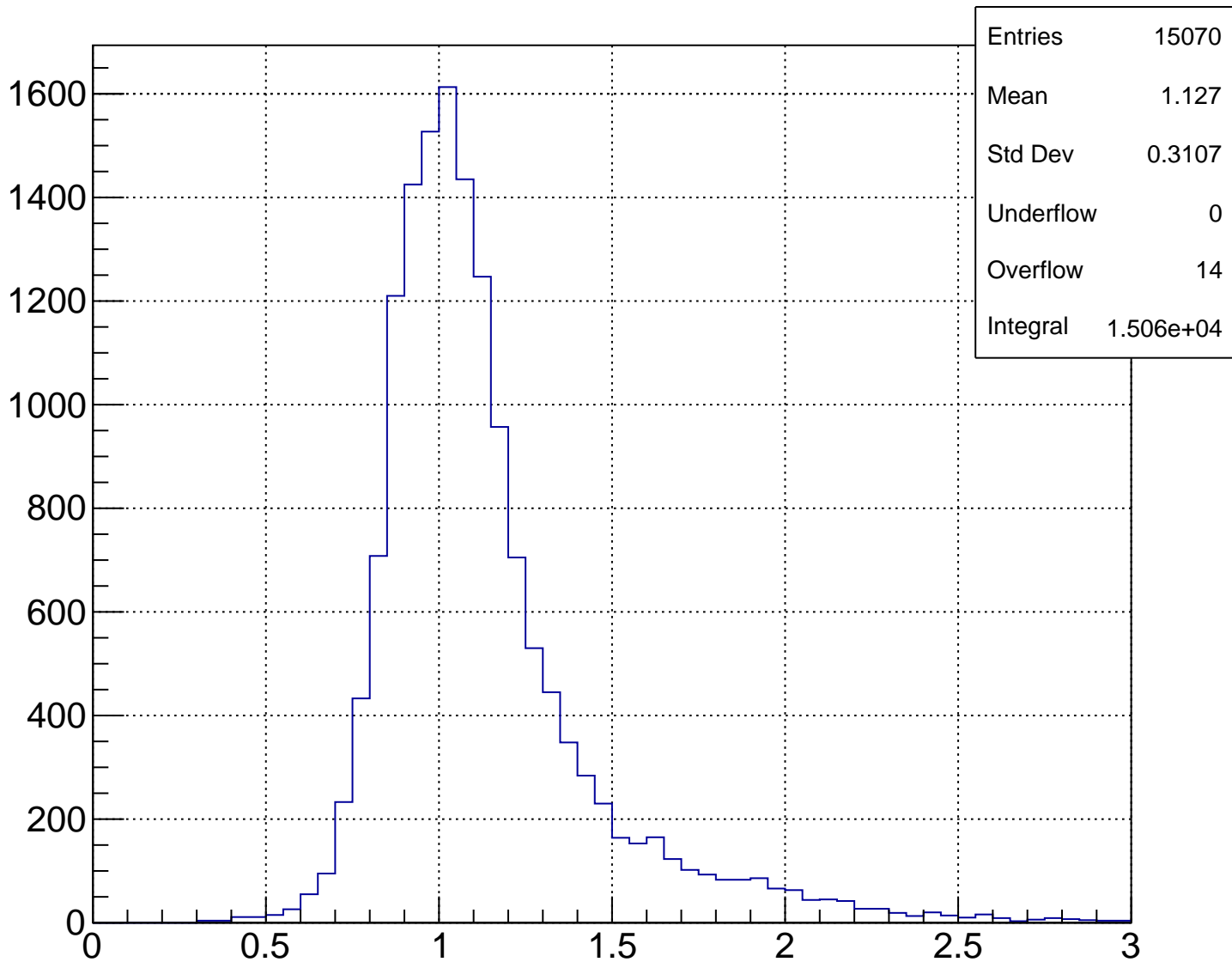




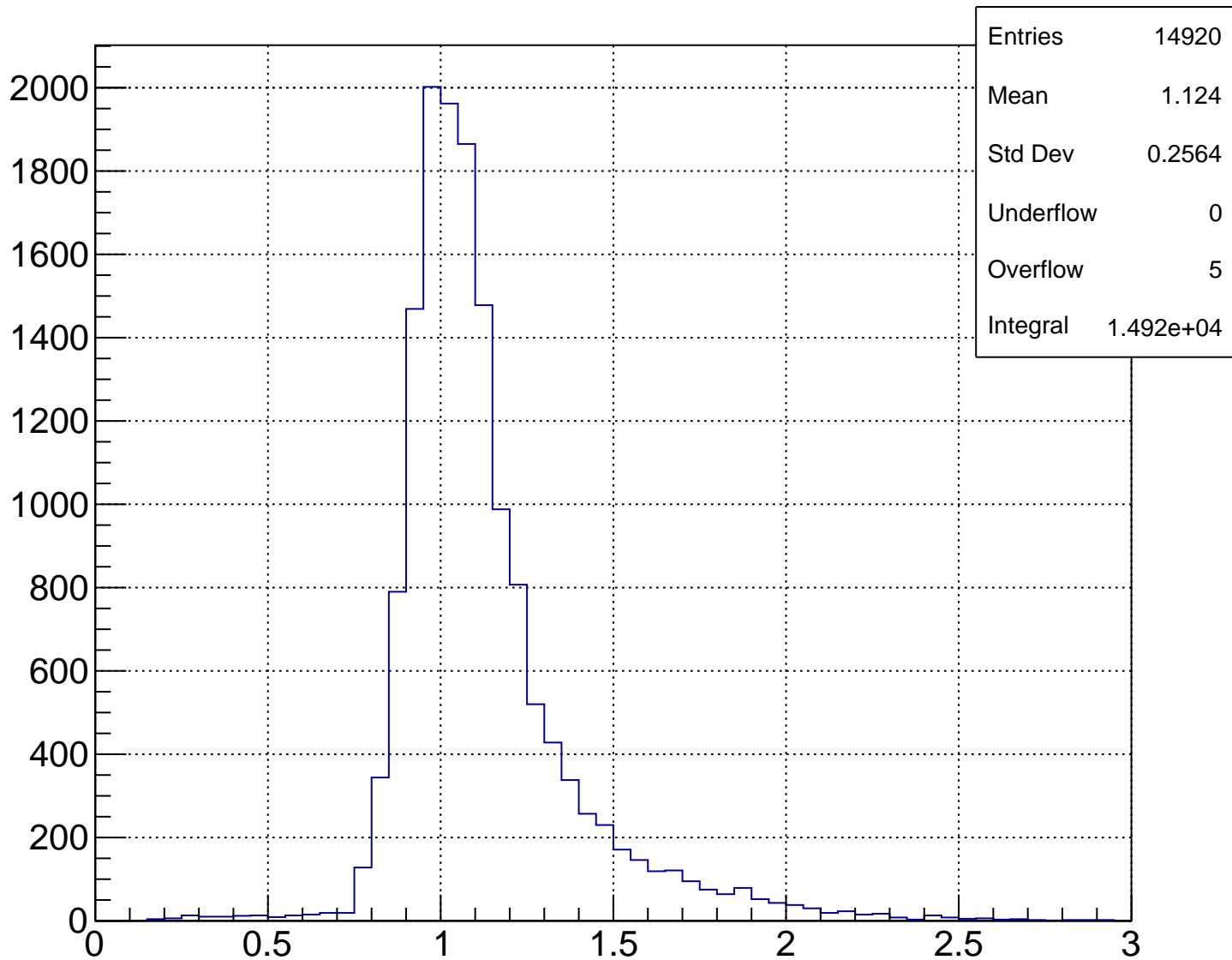
# BH1UdE7



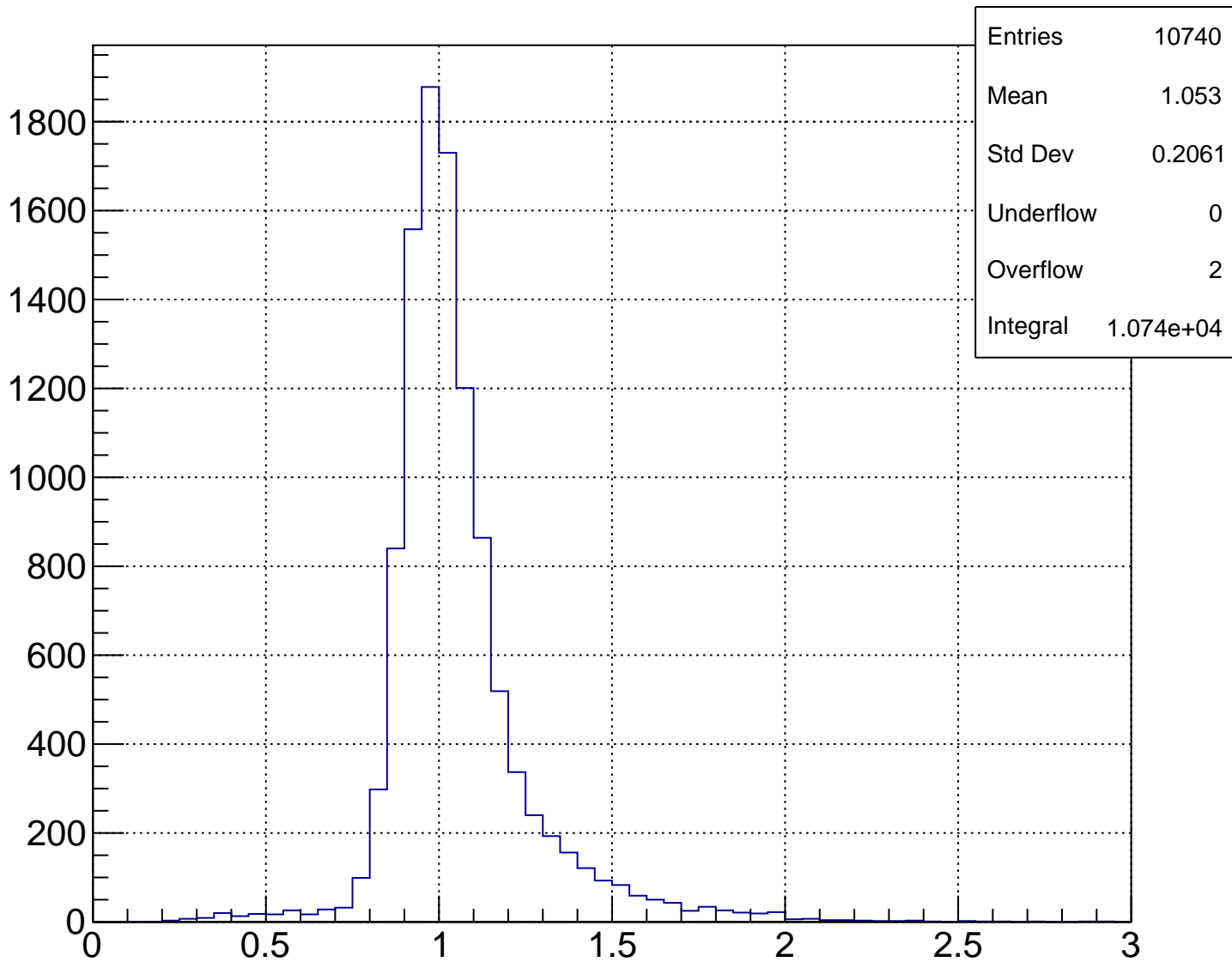
# BH1UdE8



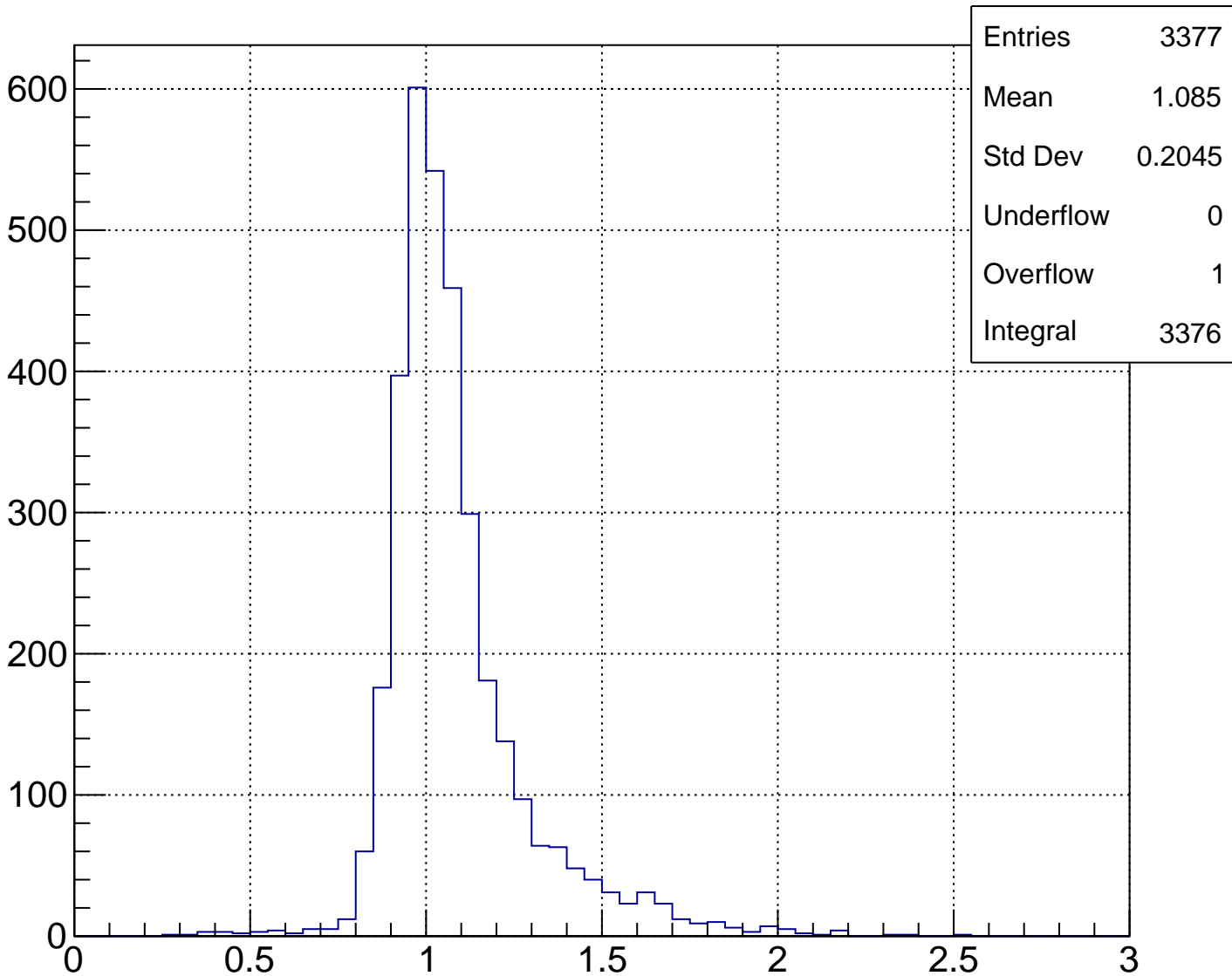
# BH1UdE9



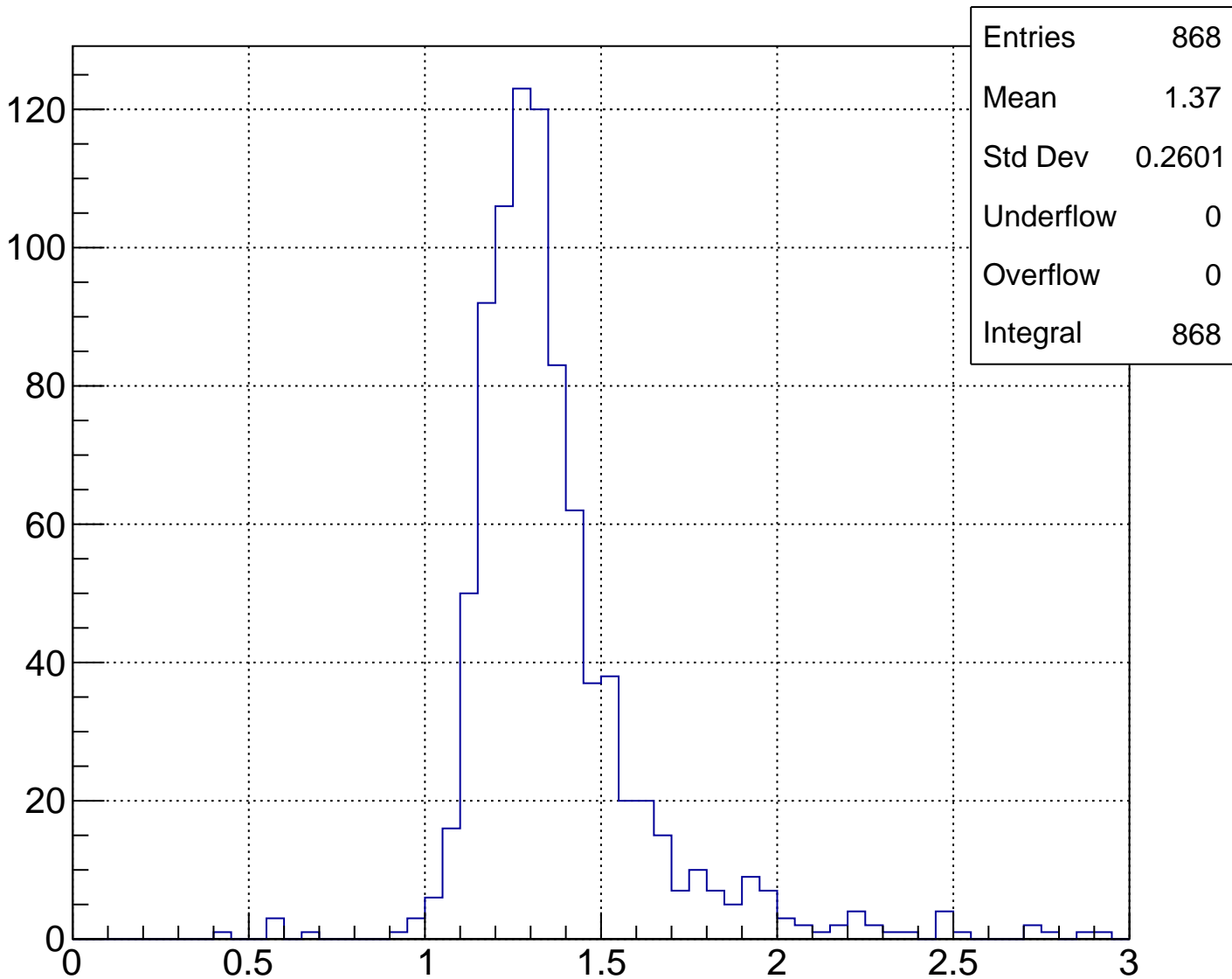
# BH1UdE10



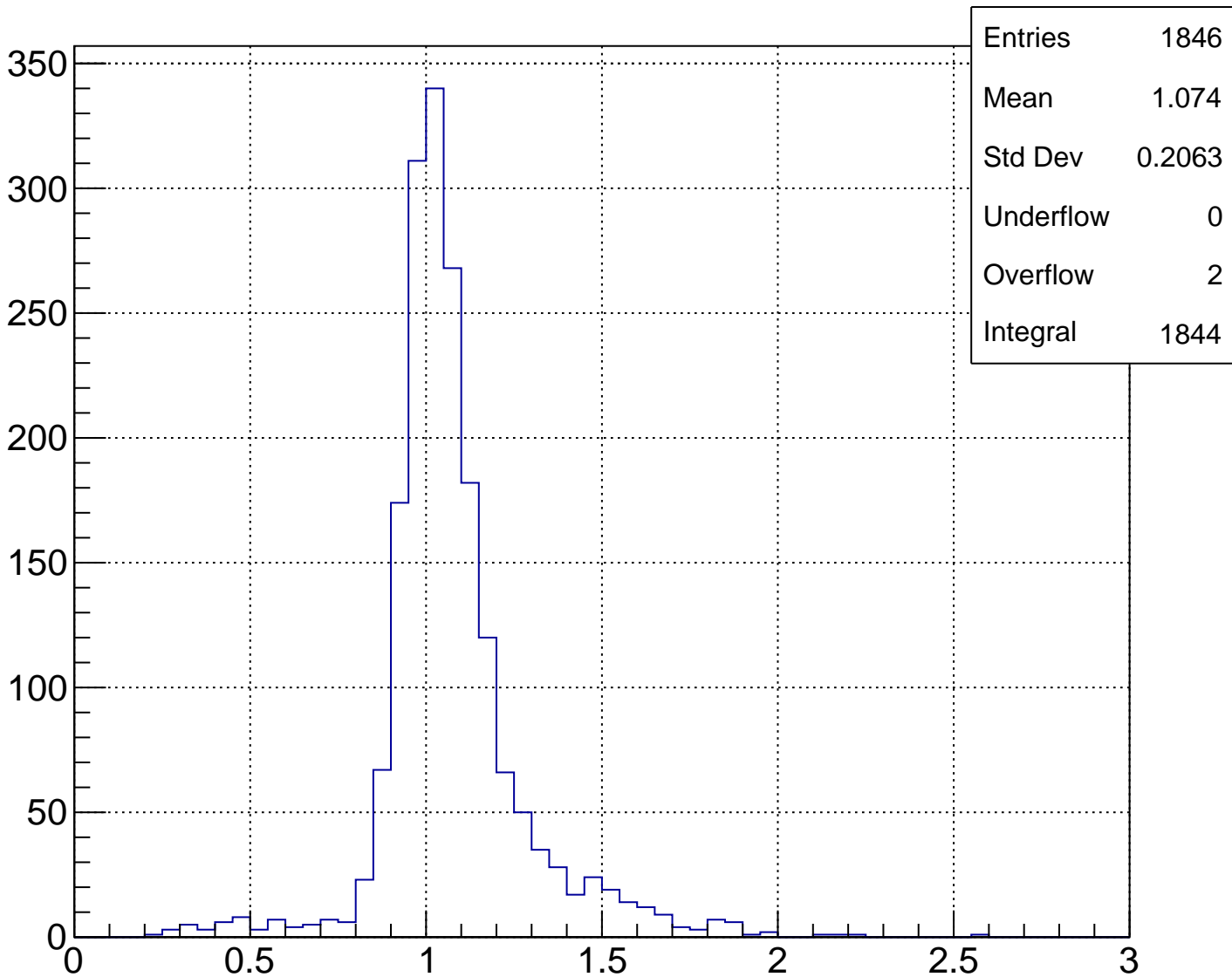
# BH1UdE11



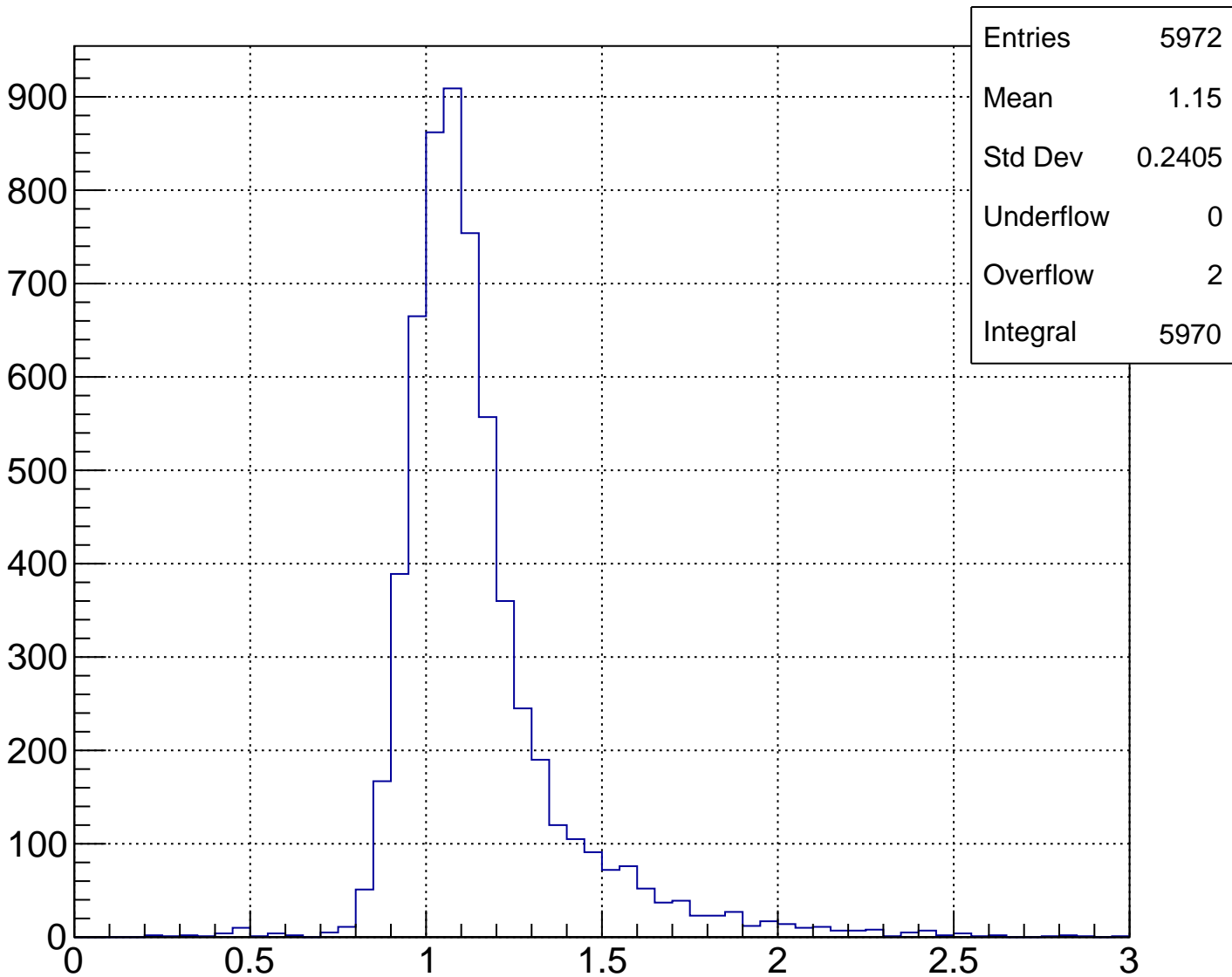
# BH1DdE1



# BH1DdE2

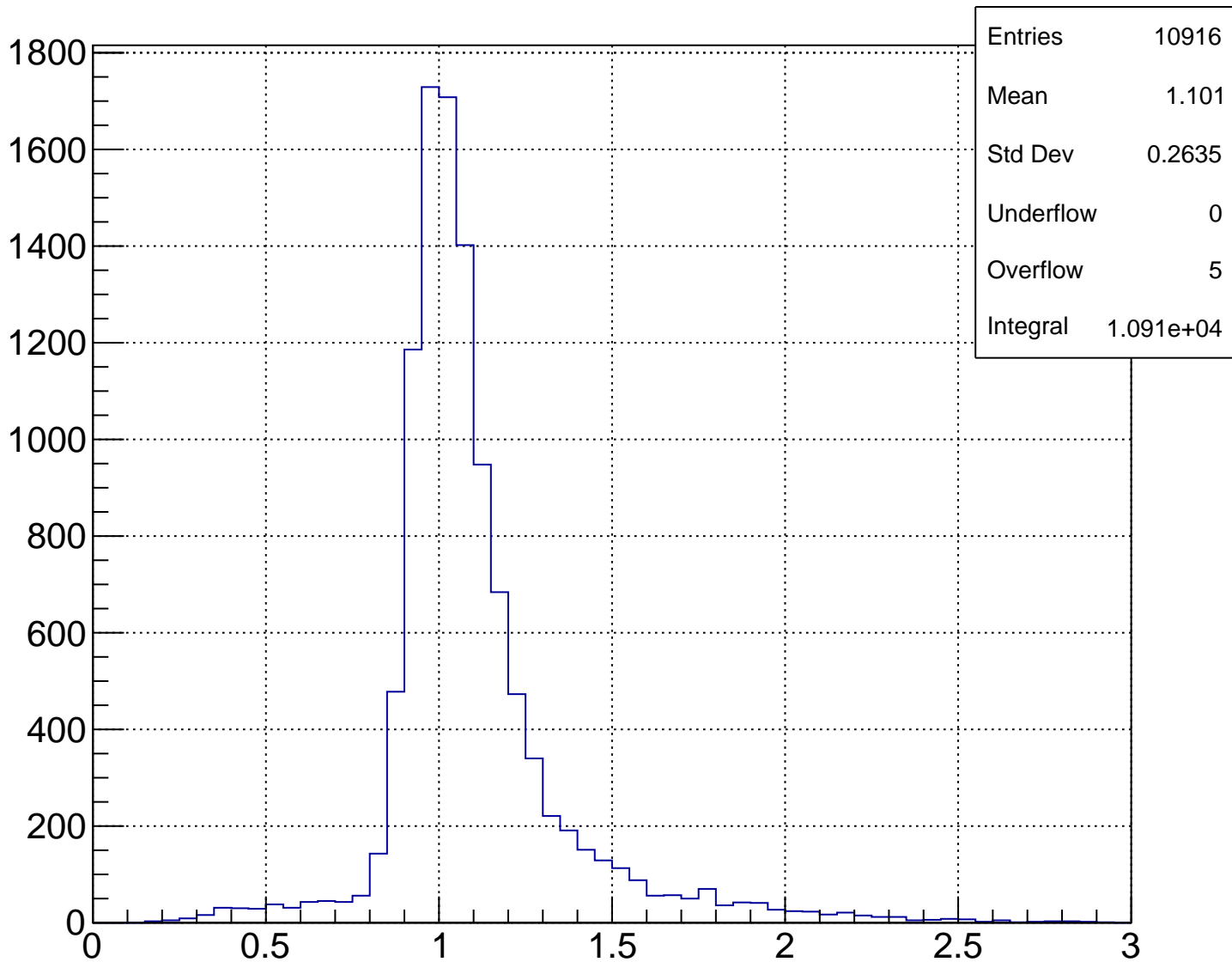


# BH1DdE3

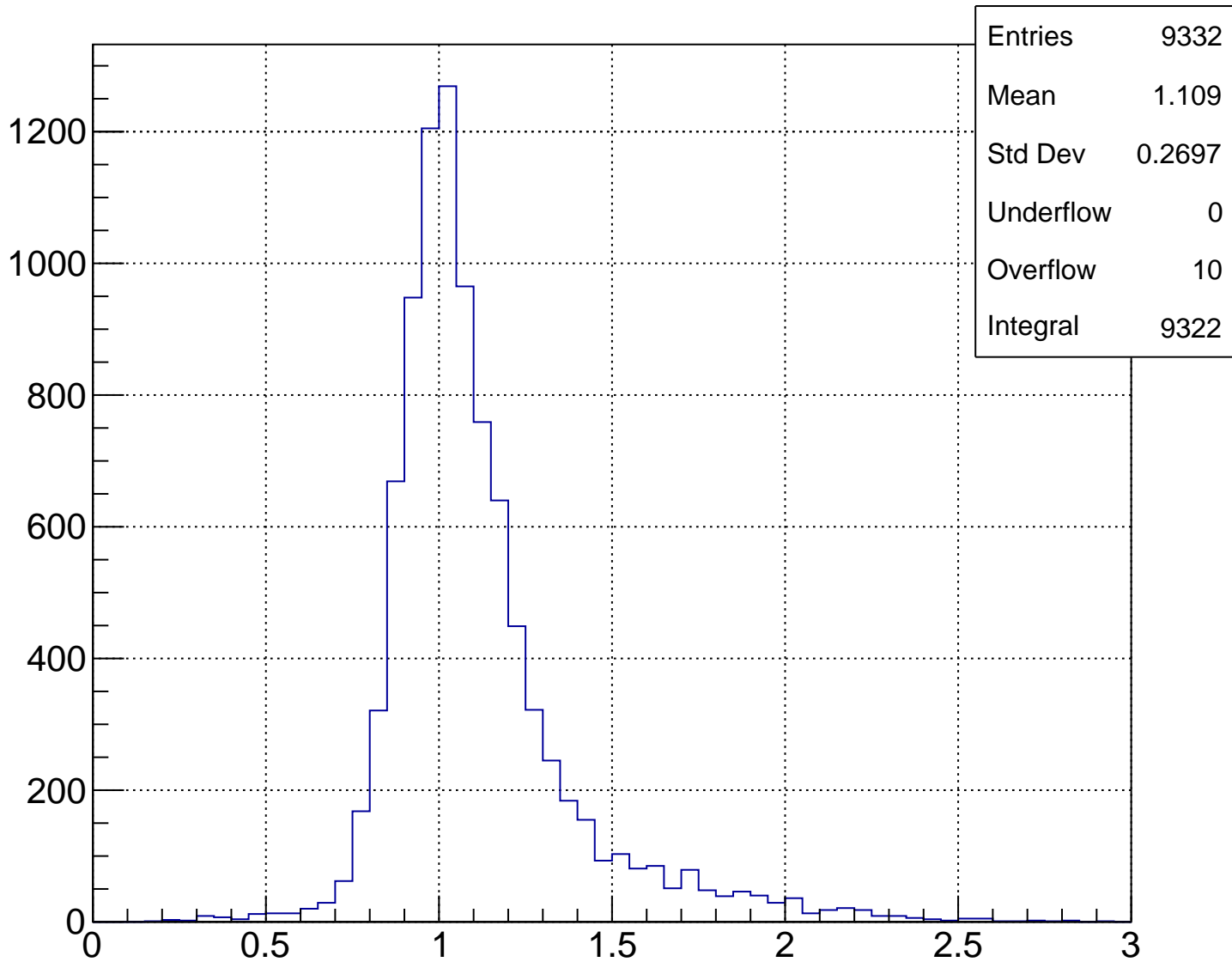




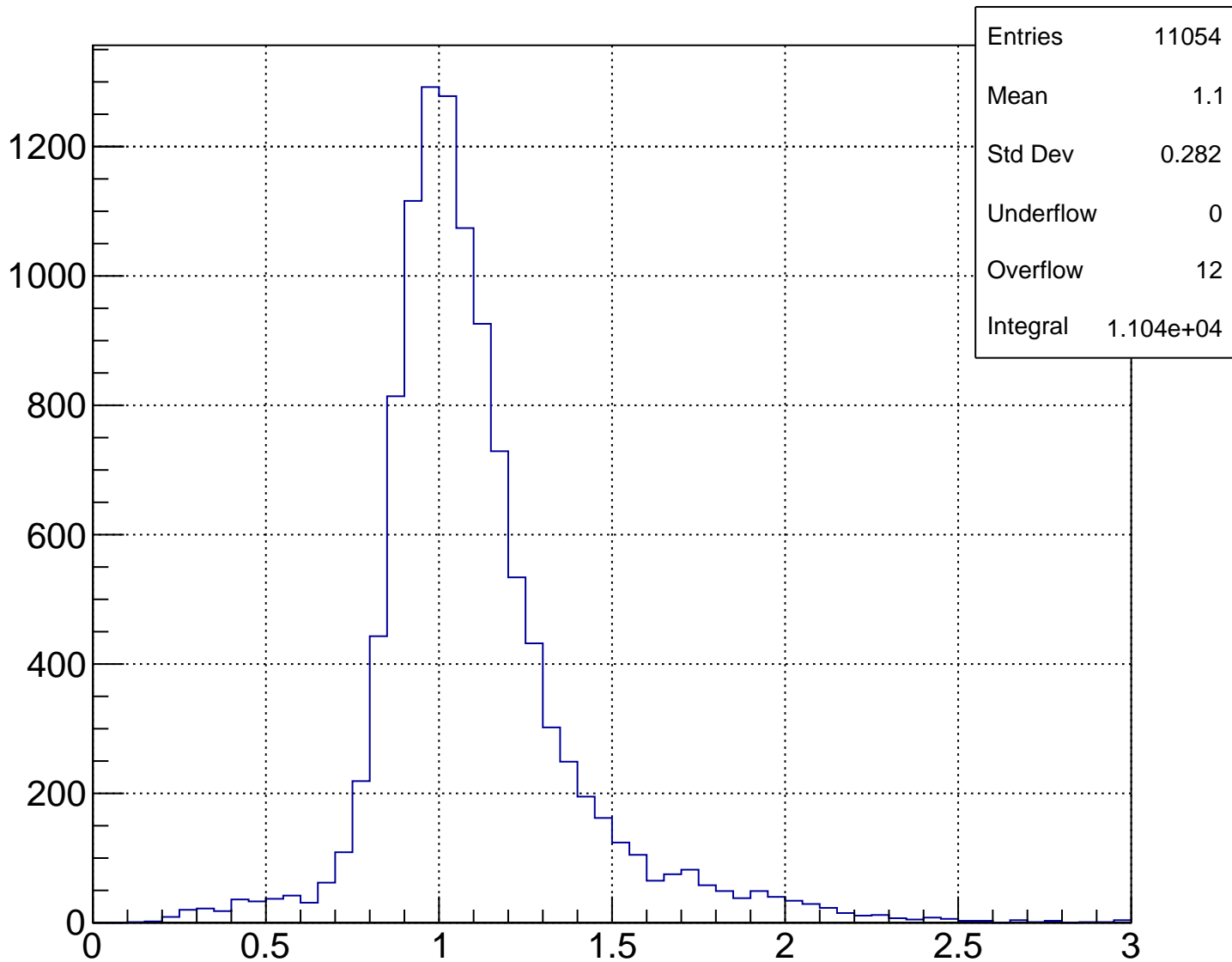
# BH1DdE4



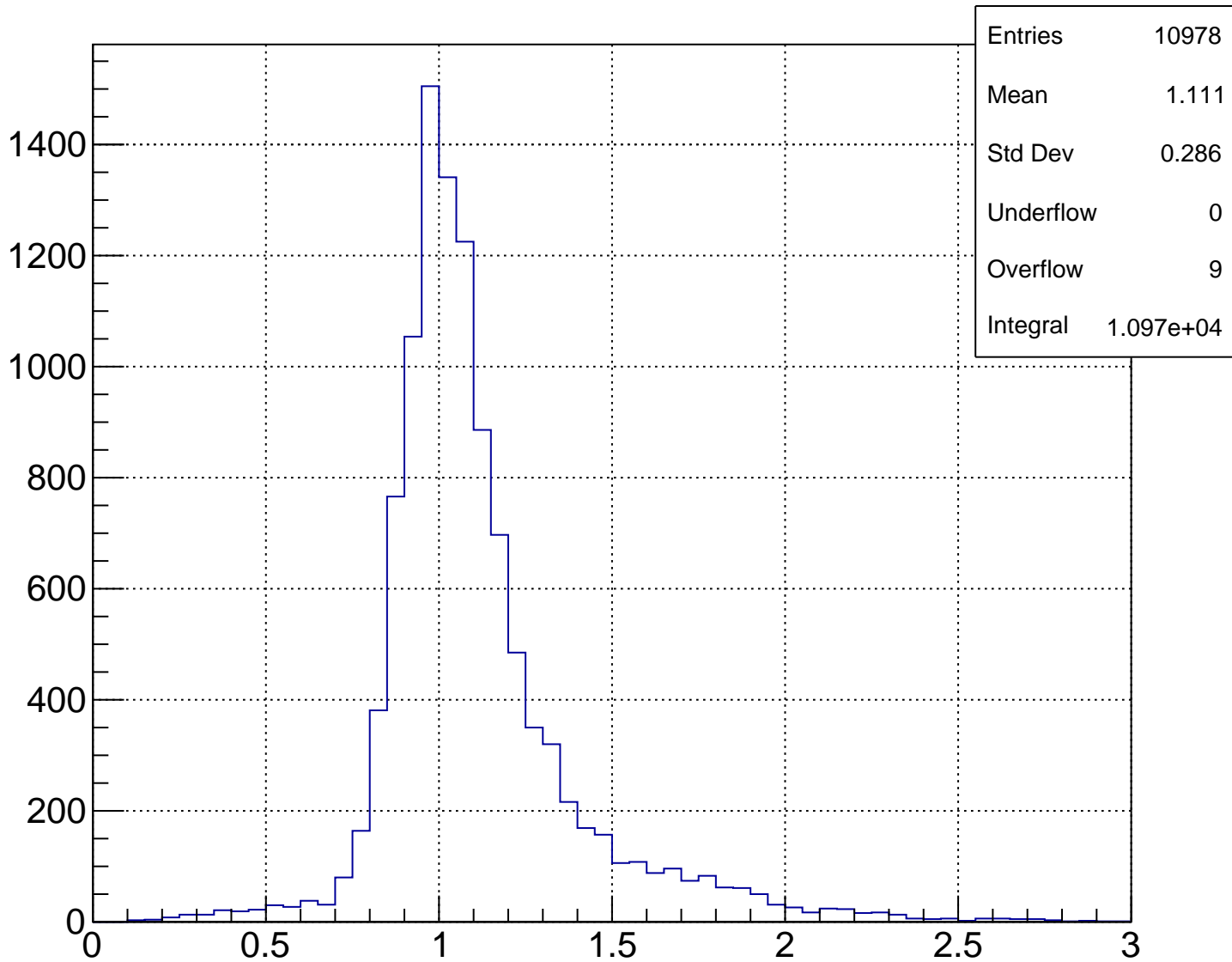
# BH1DdE5



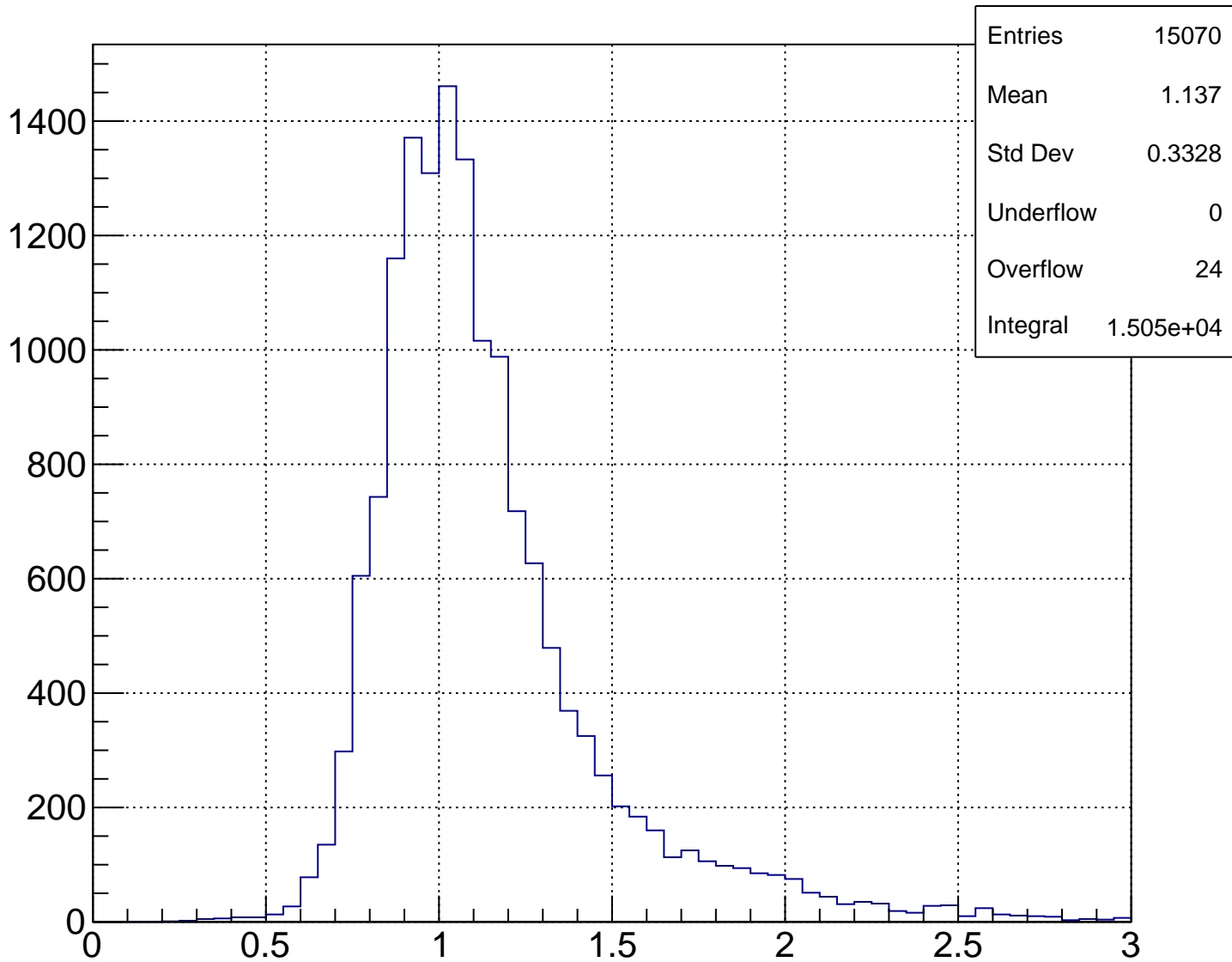
# BH1DdE6



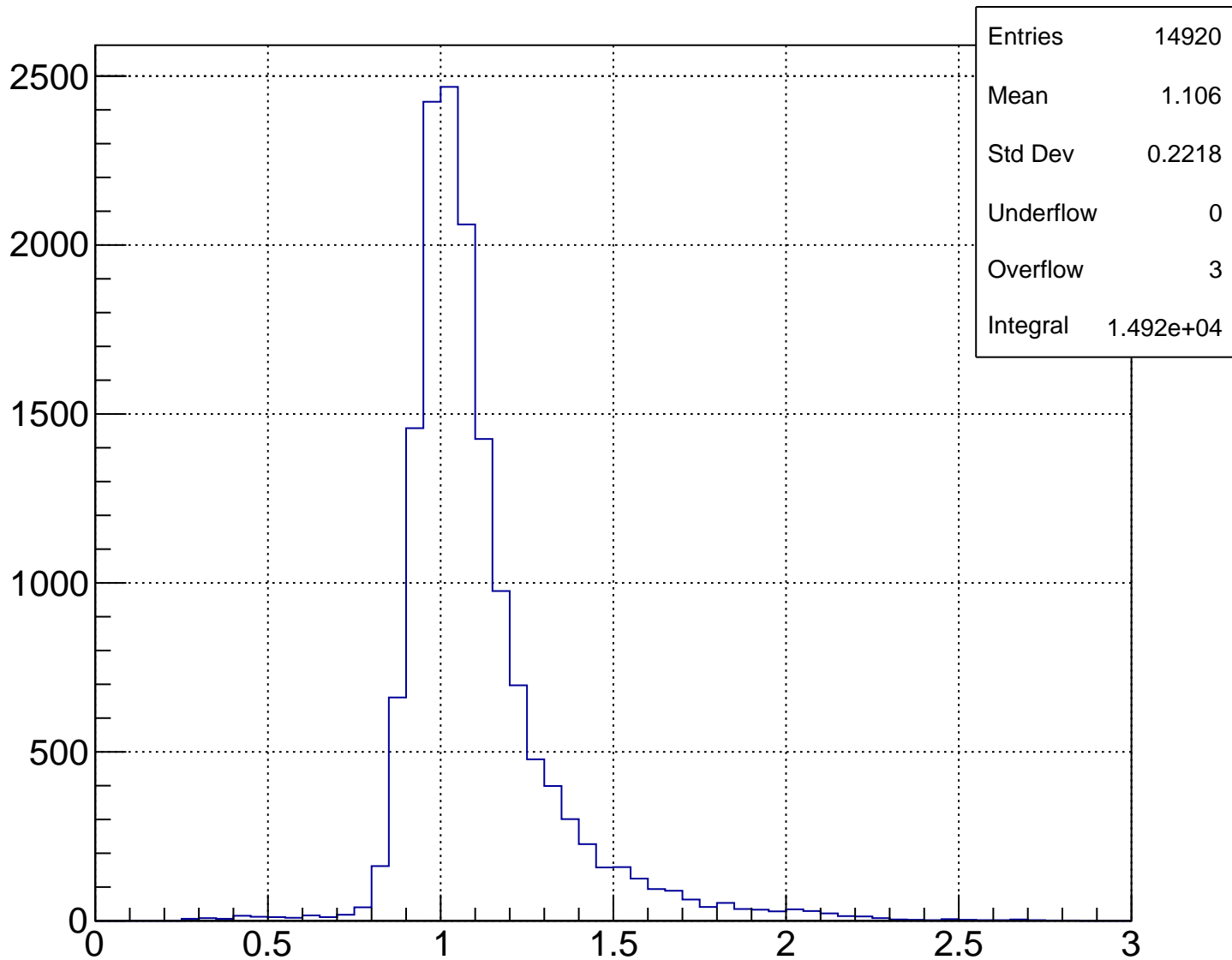
# BH1DdE7



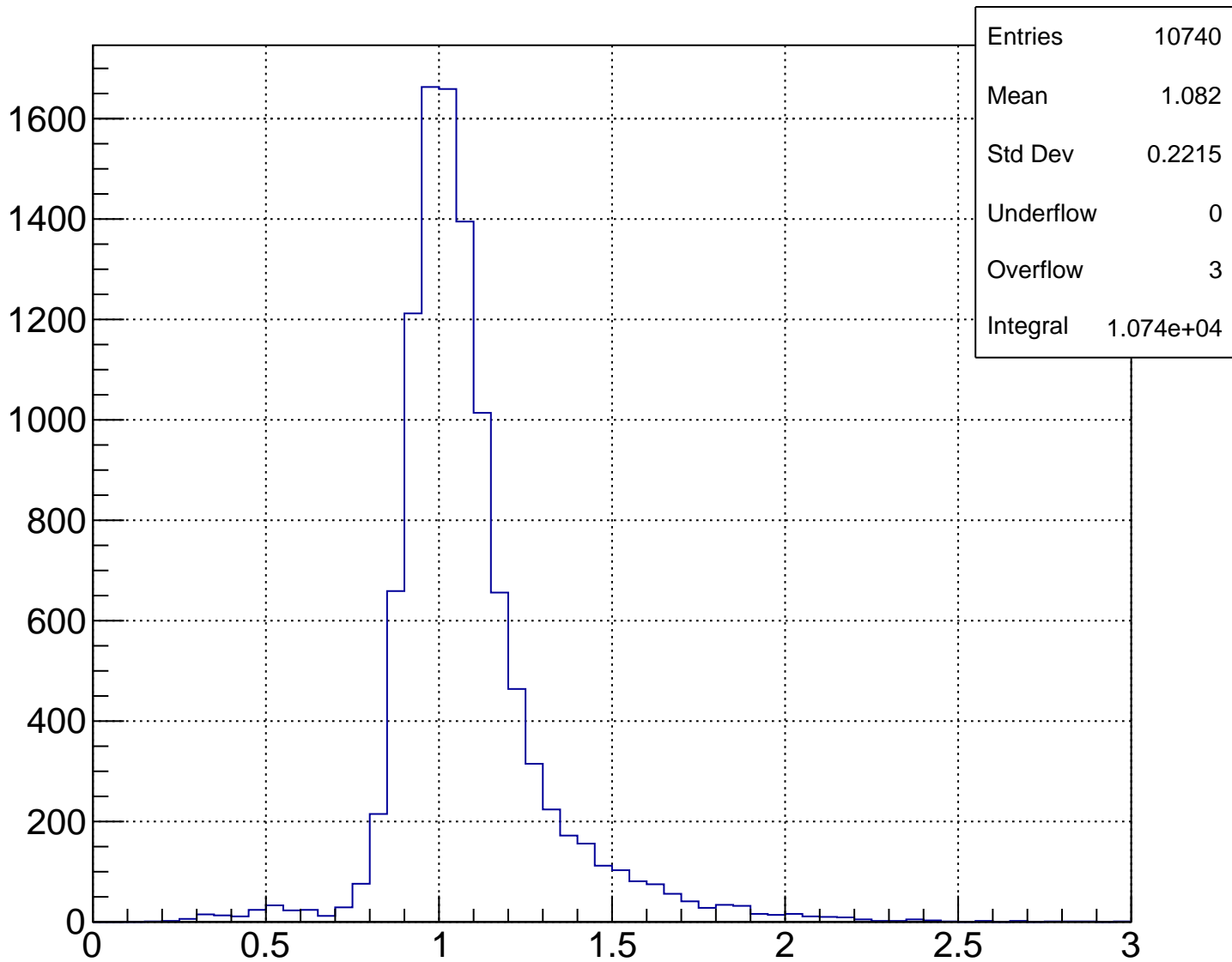
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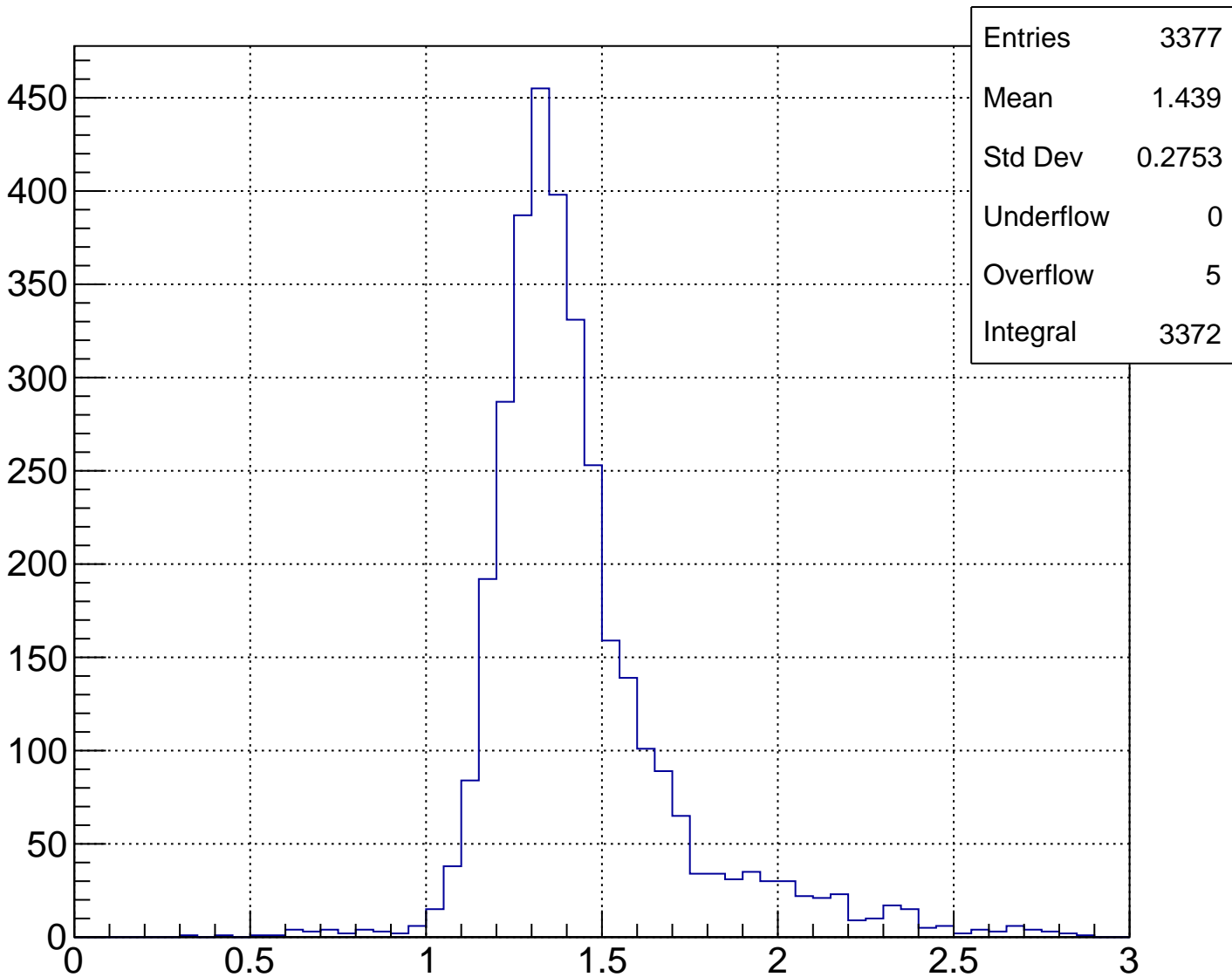
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# BH1DdE10

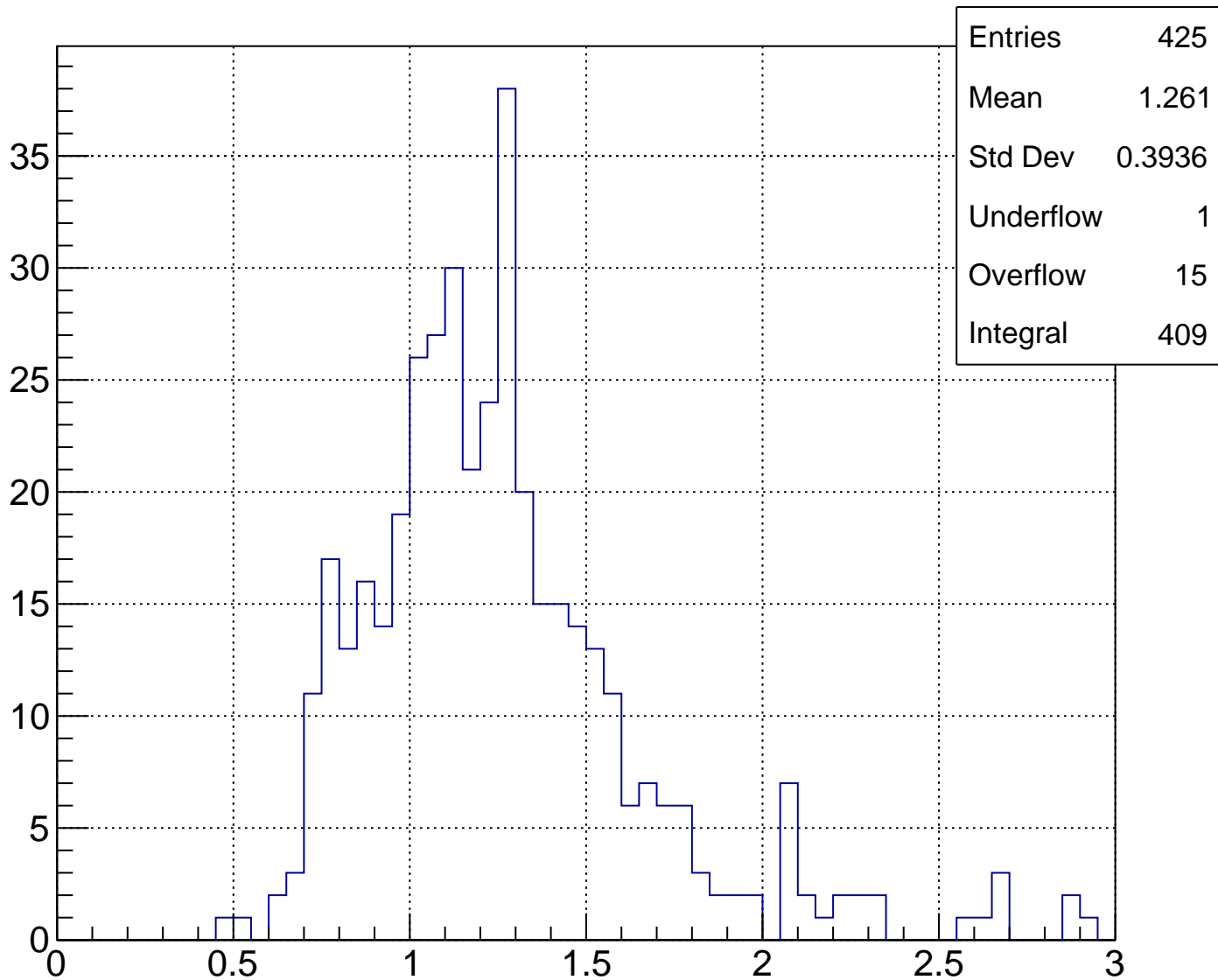


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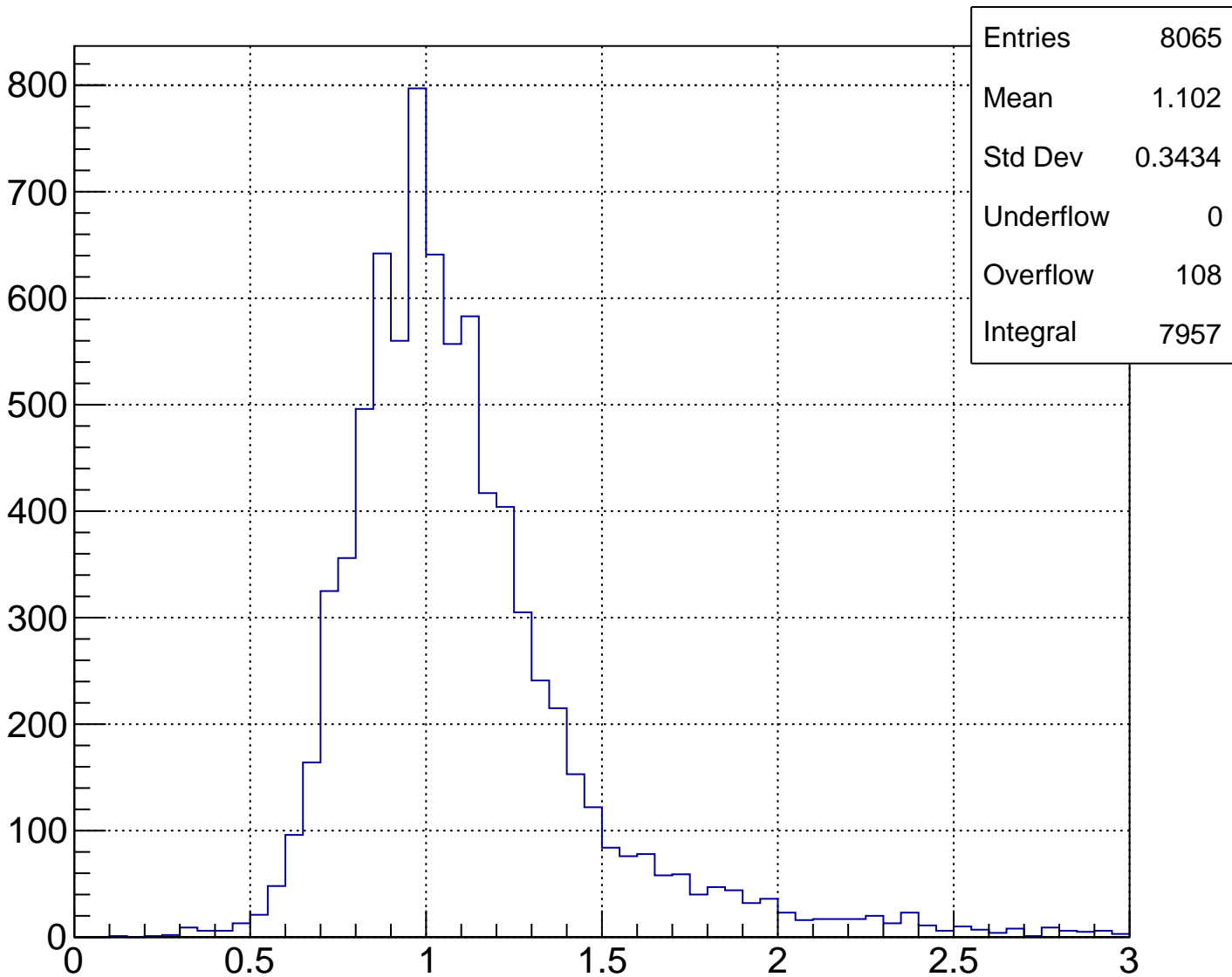




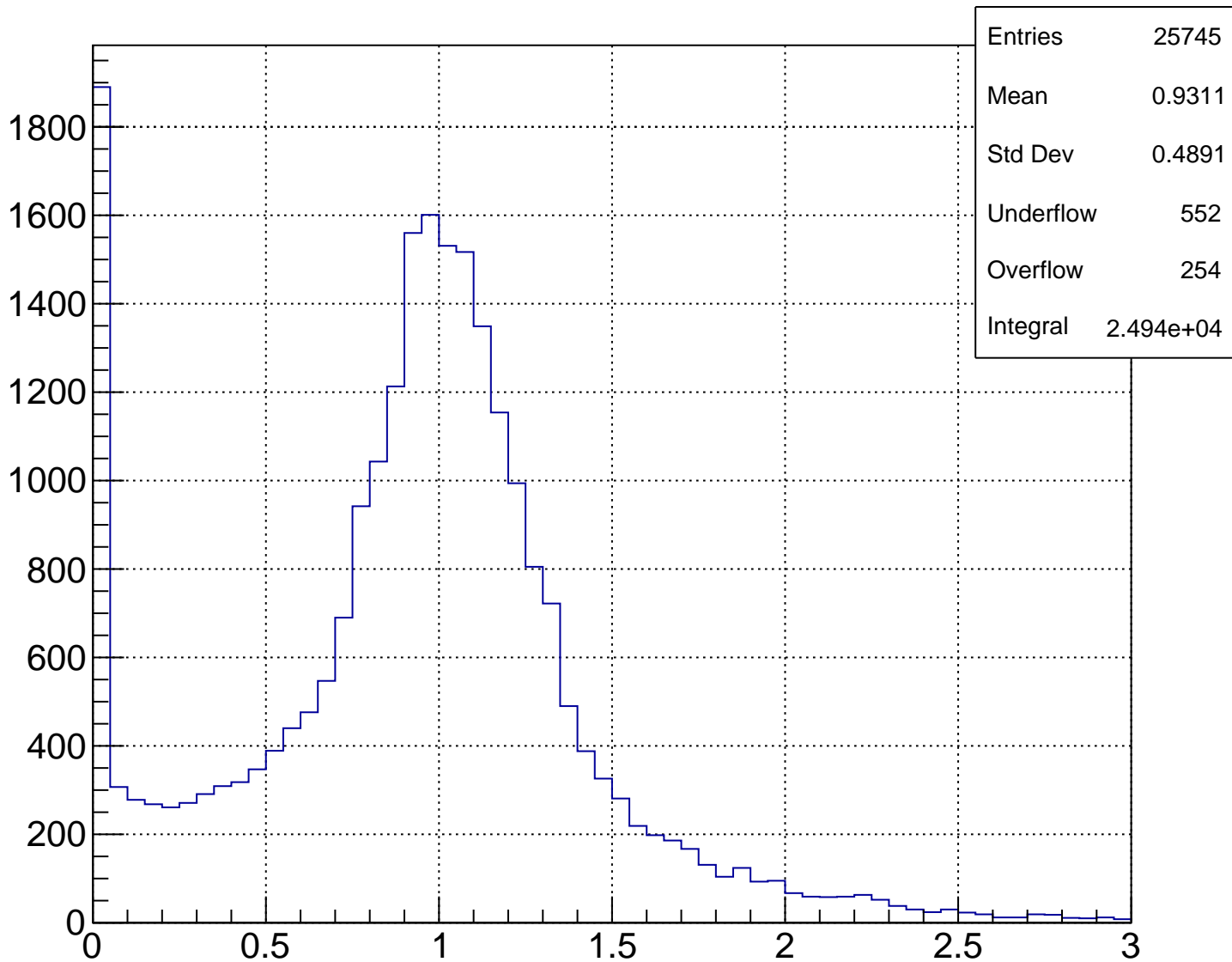
# BH2UdE1



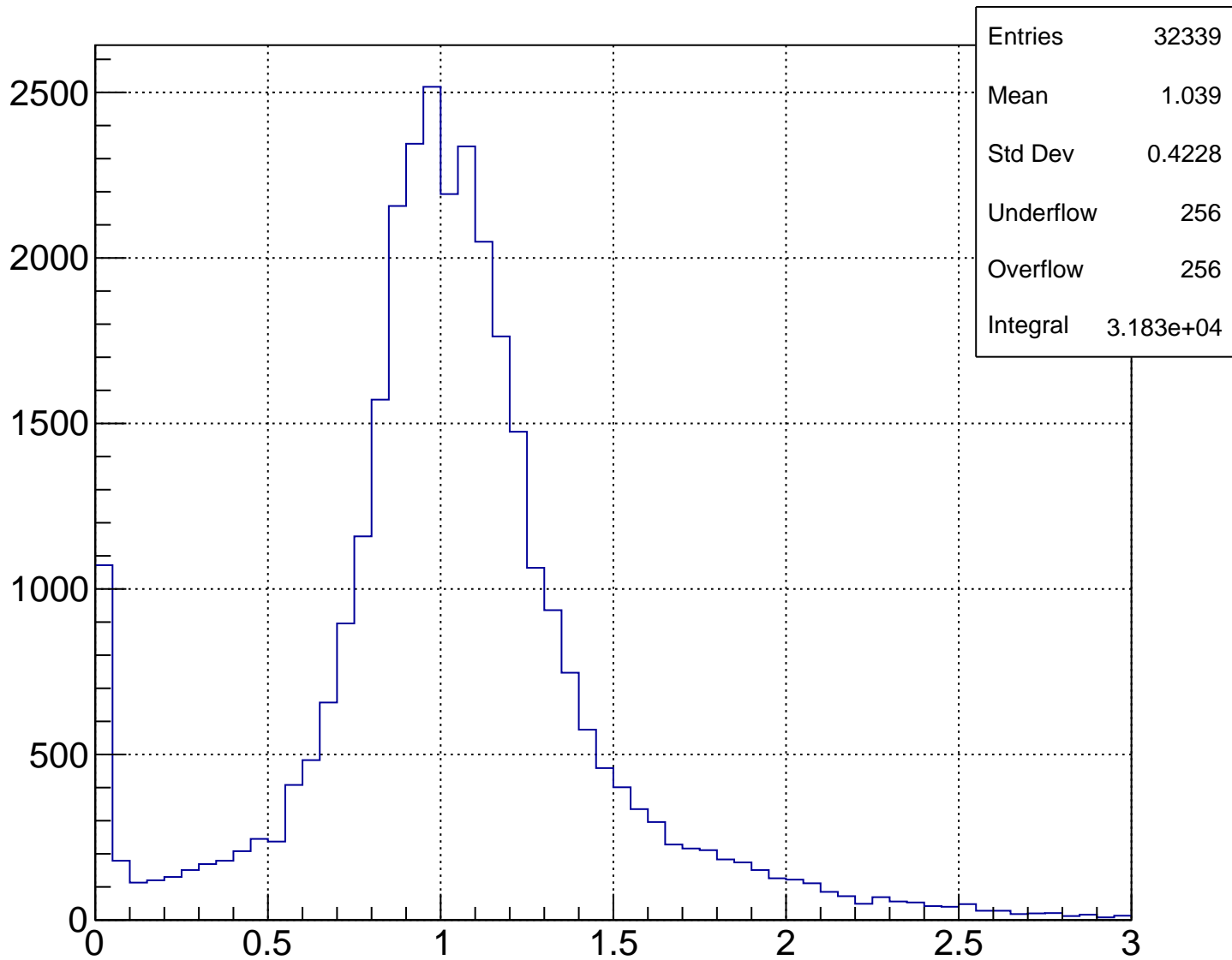
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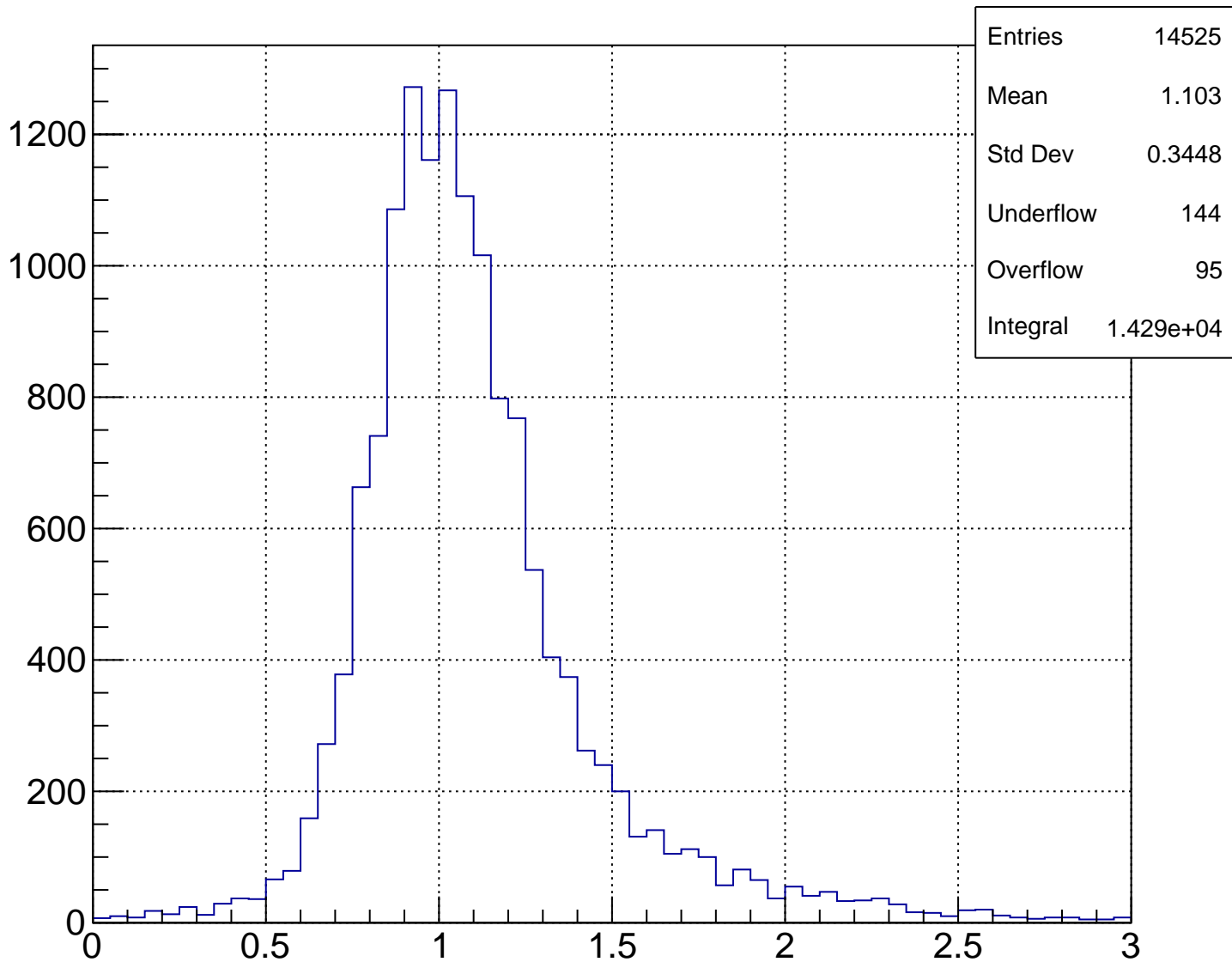
# BH2UdE3



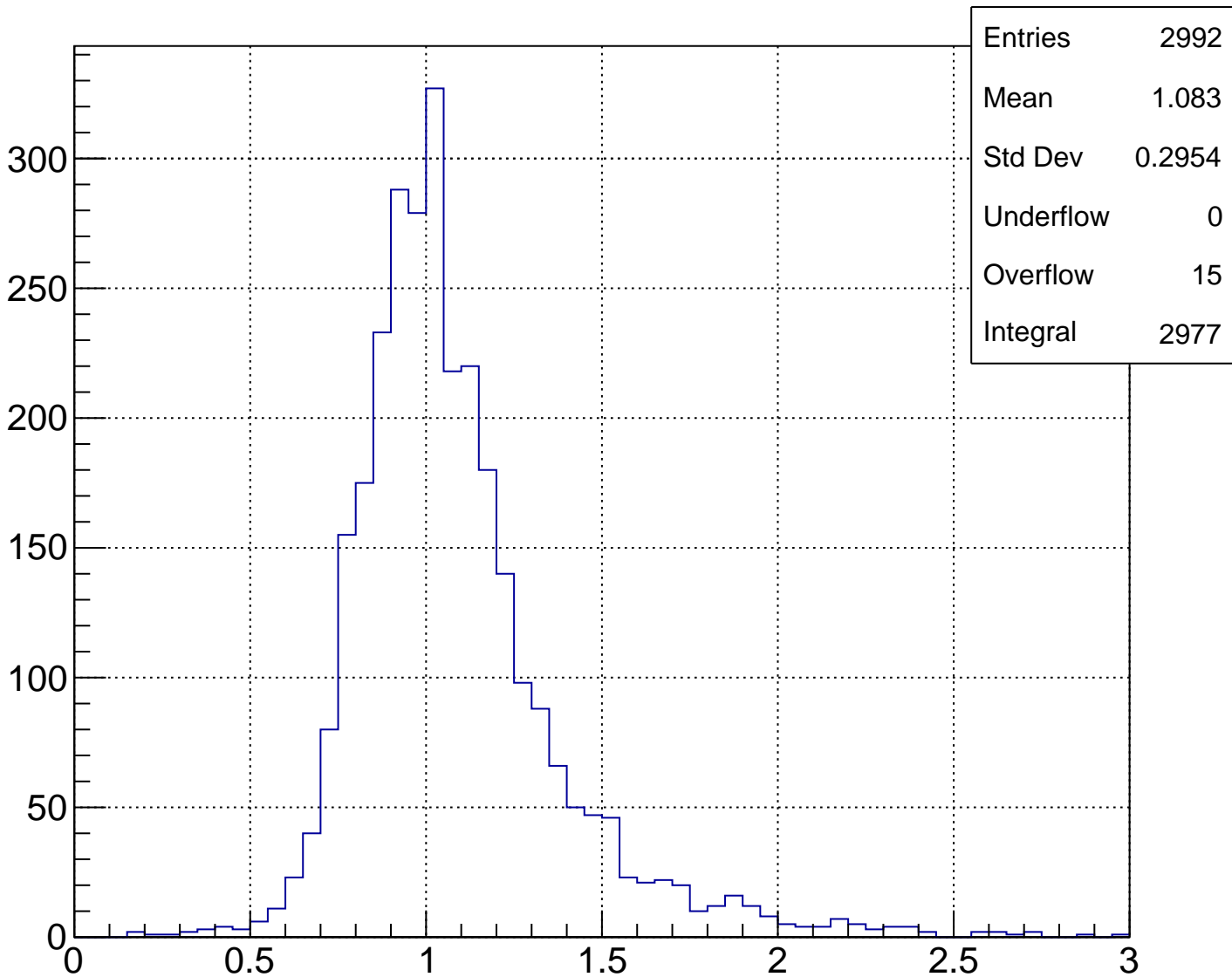
# BH2UdE4



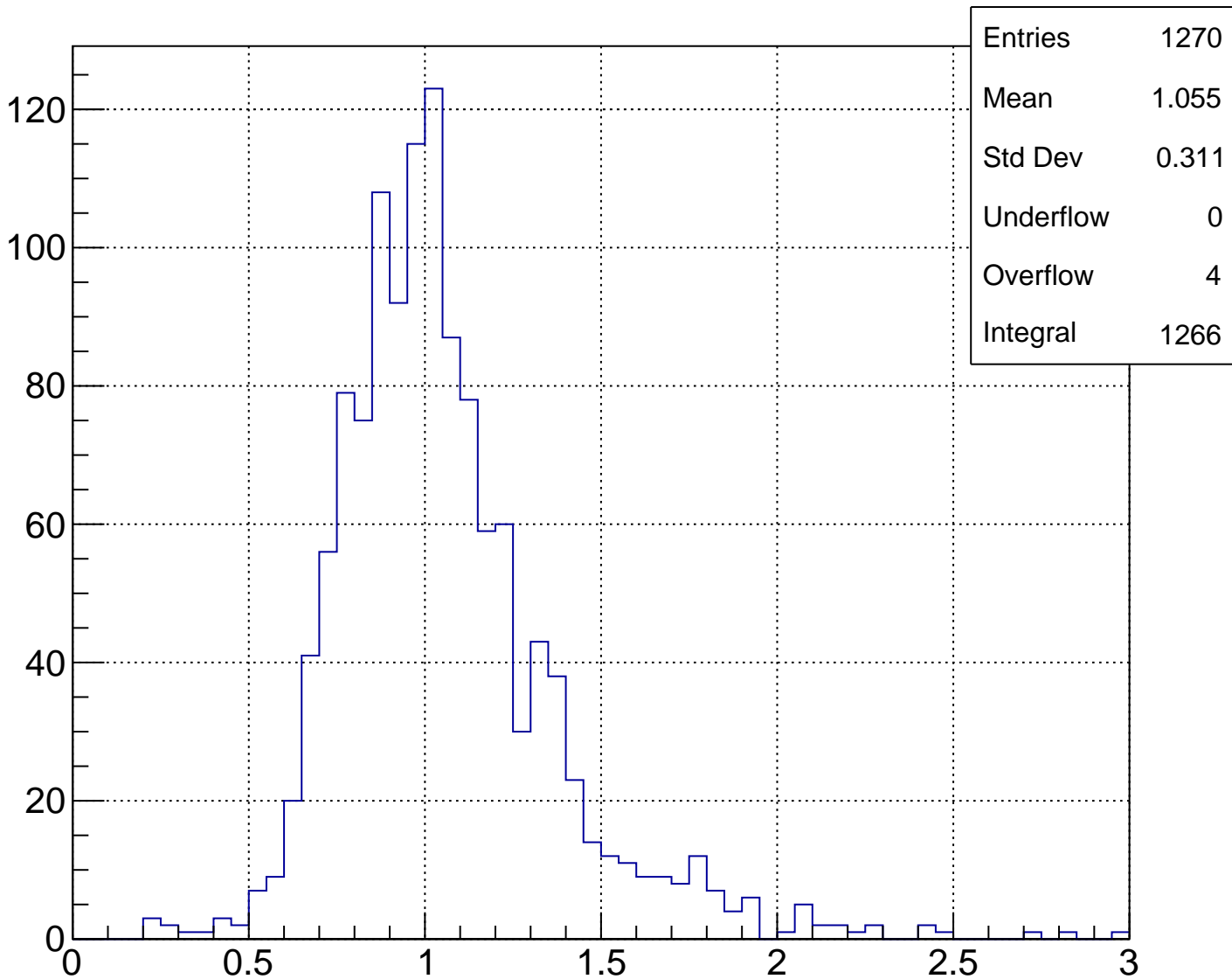
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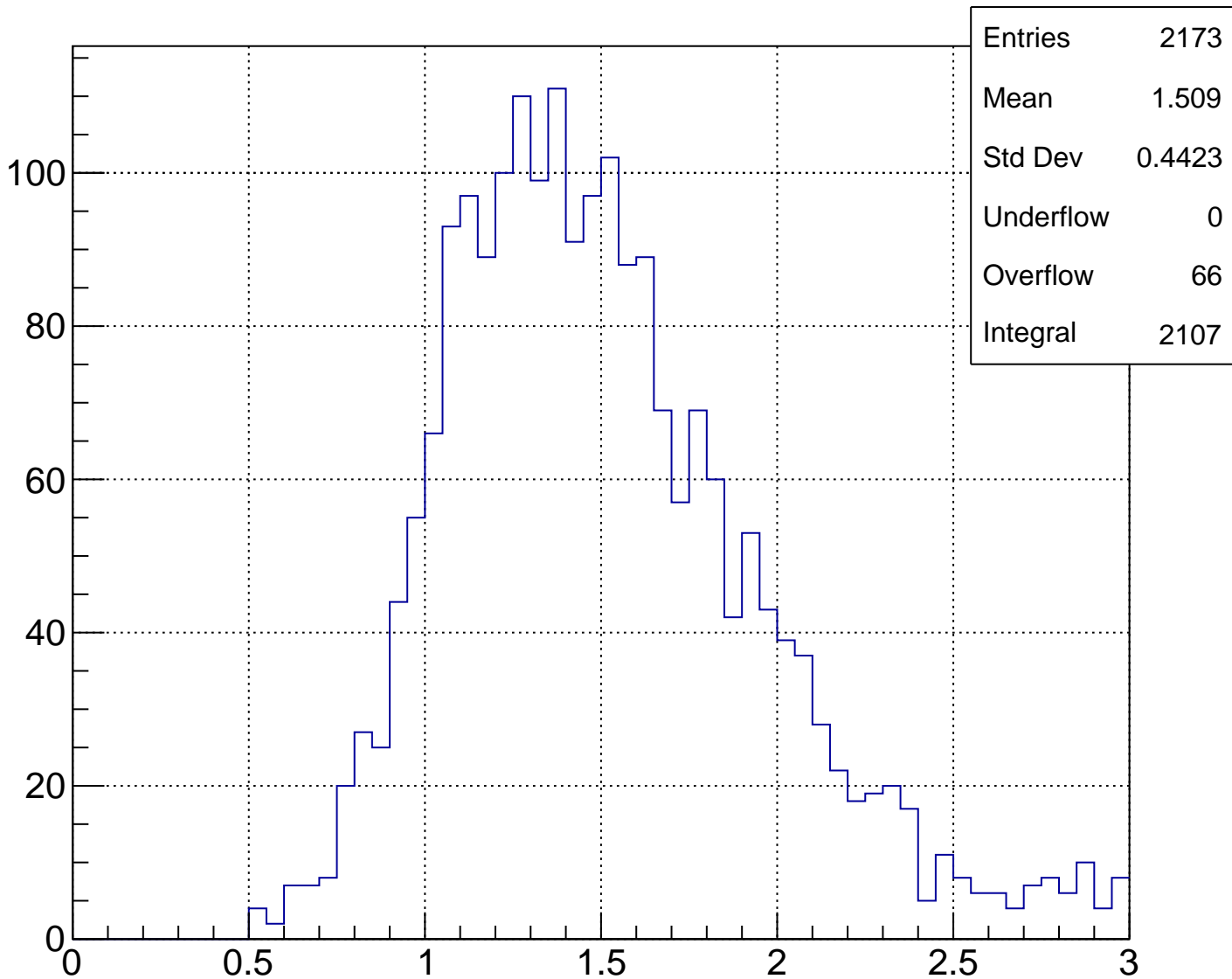
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# BH2UdE7

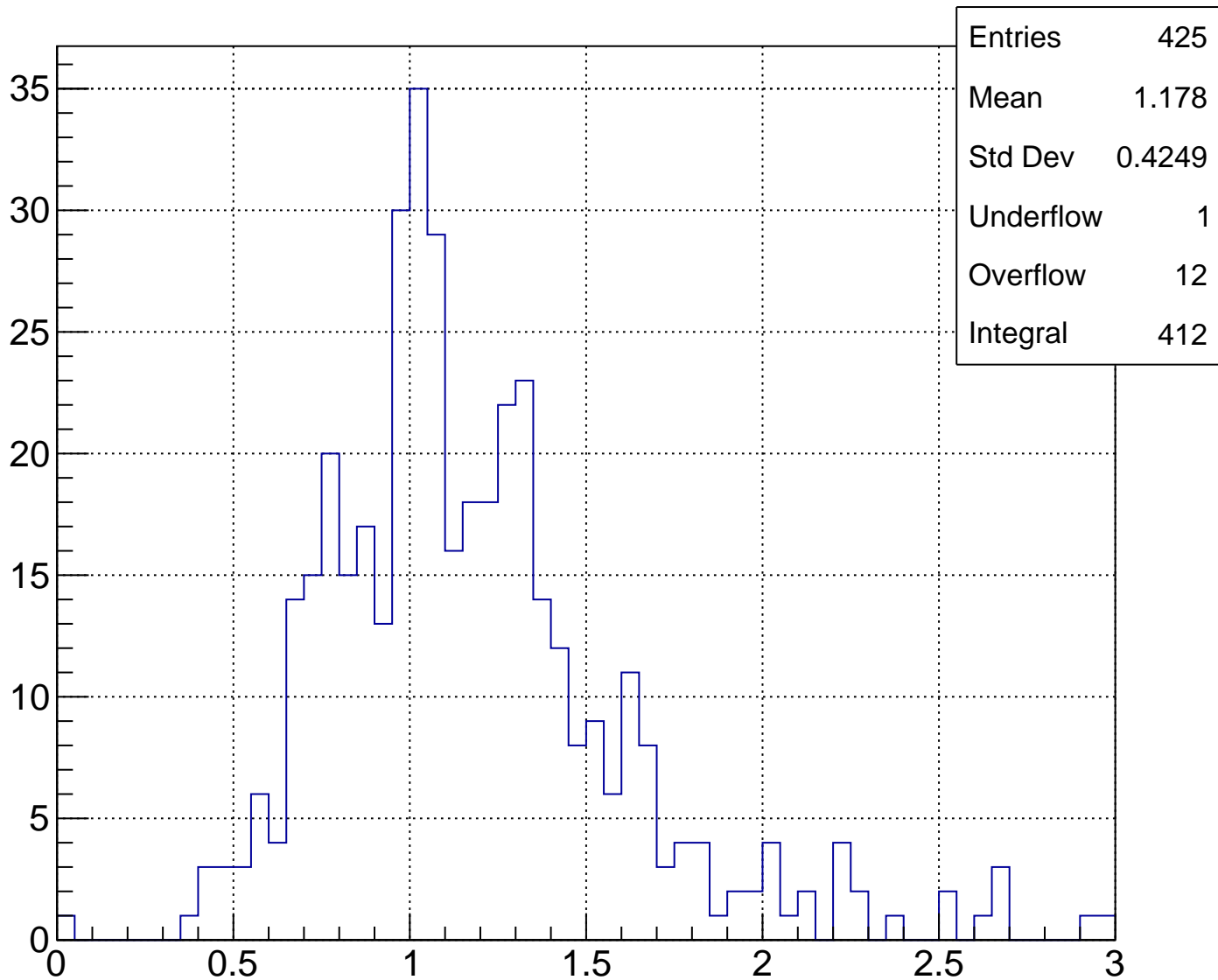


# BH2UdE8

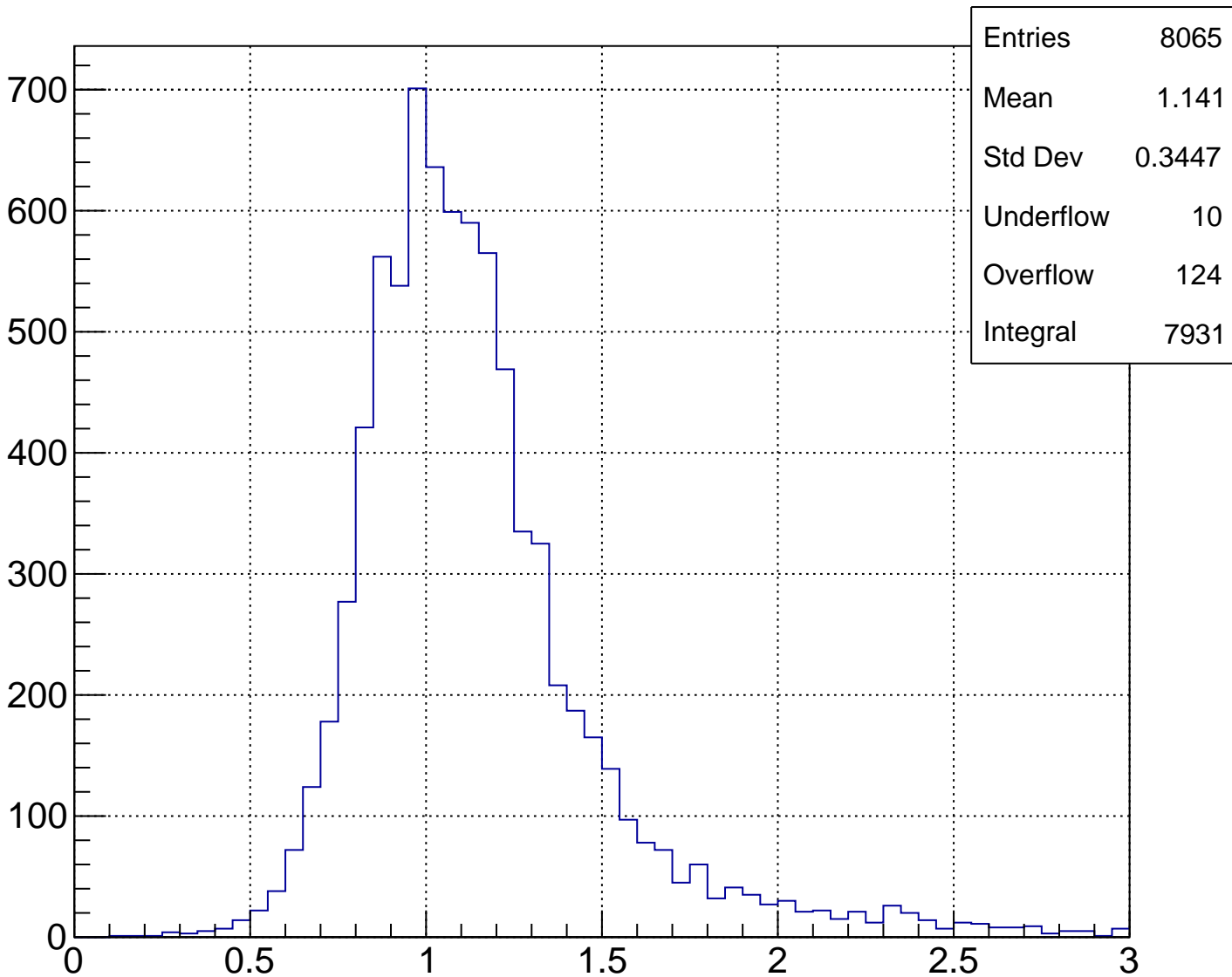




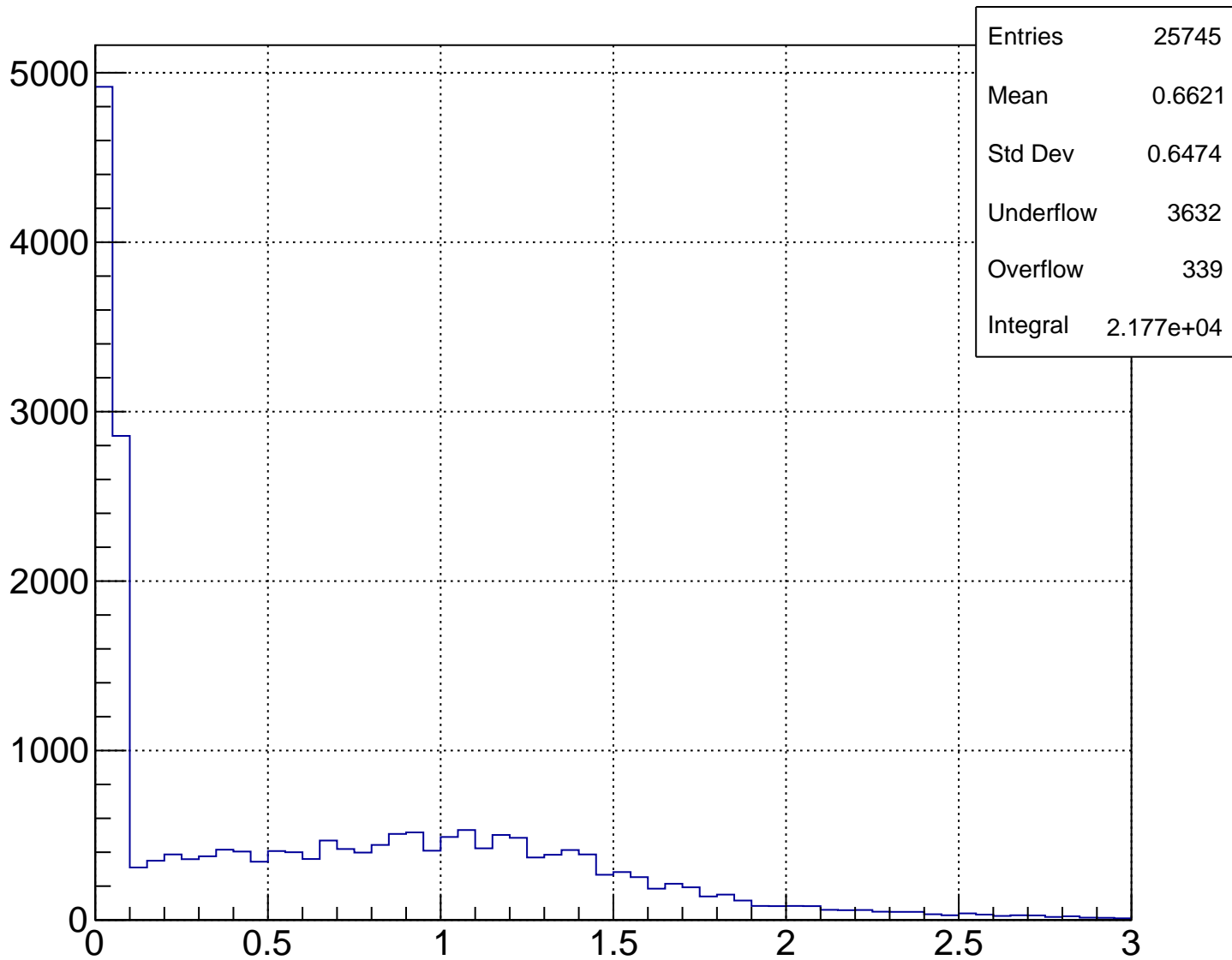
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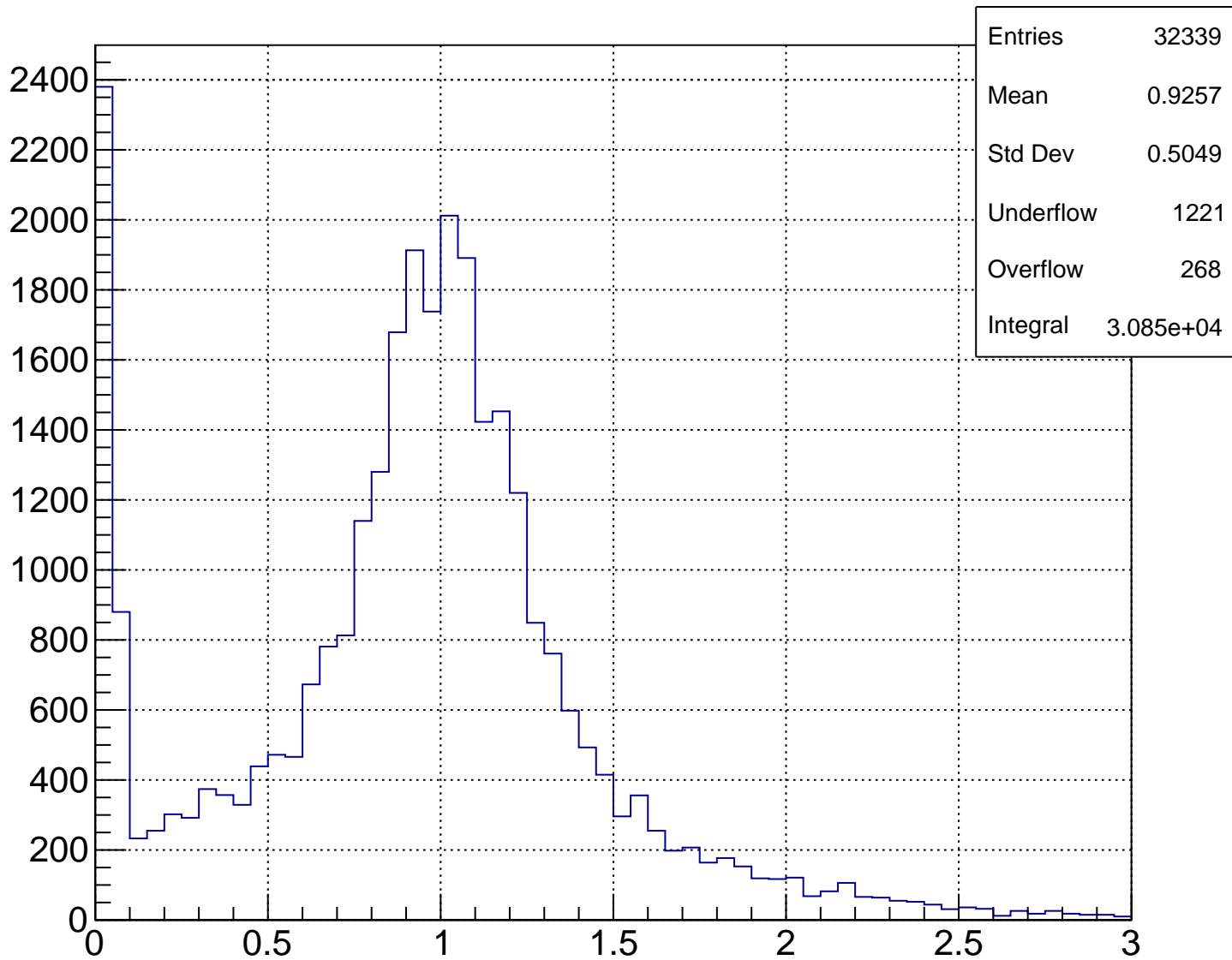
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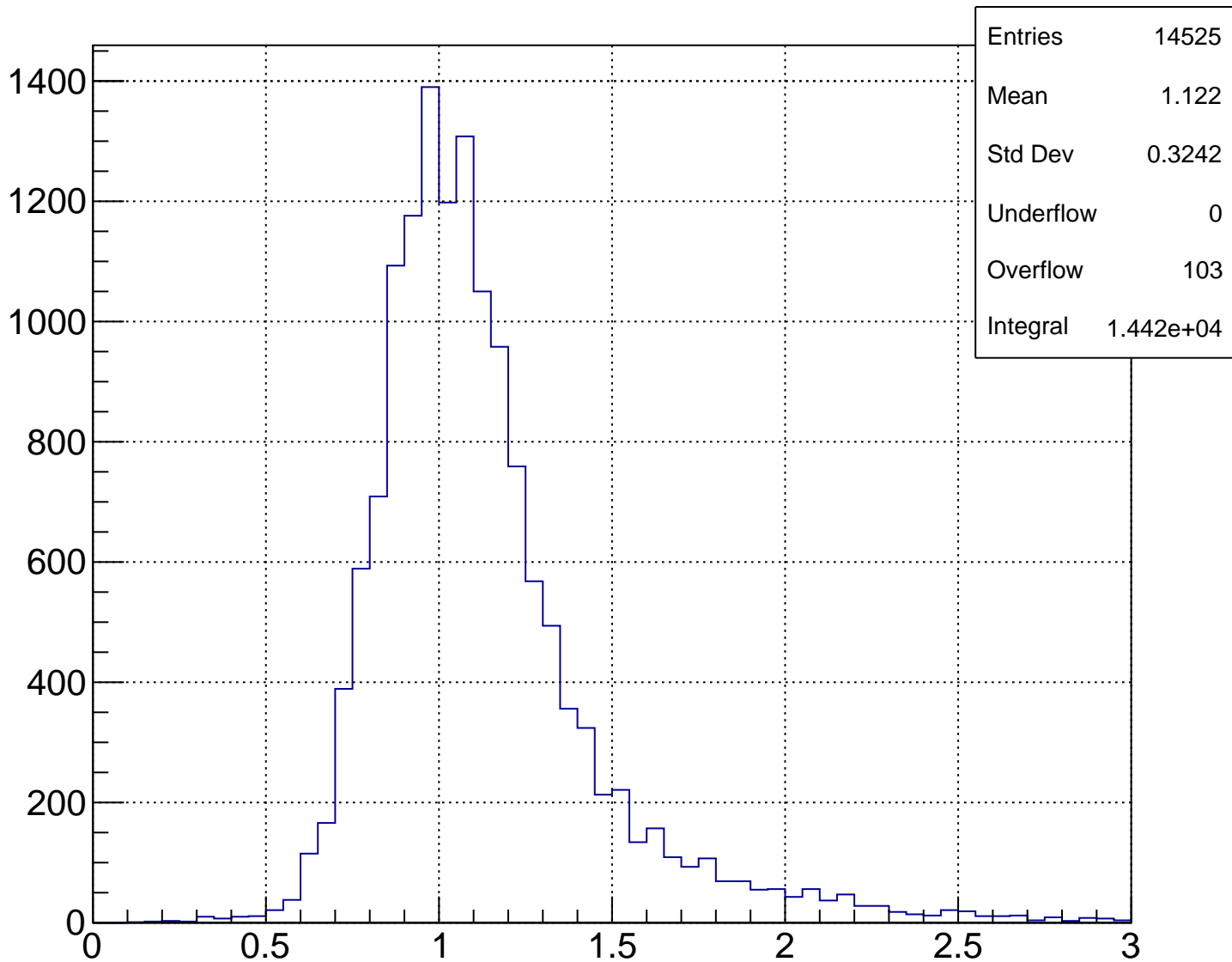
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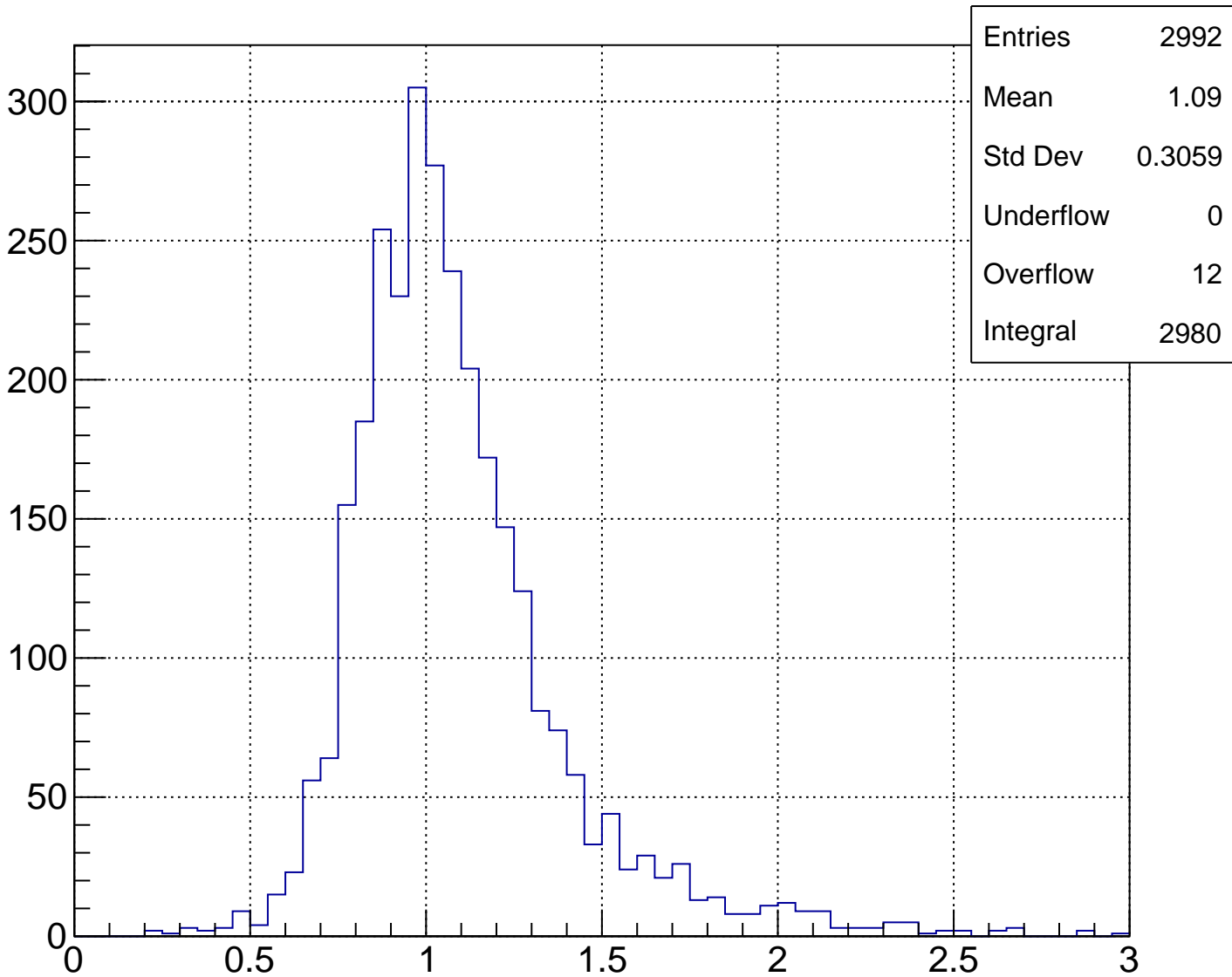
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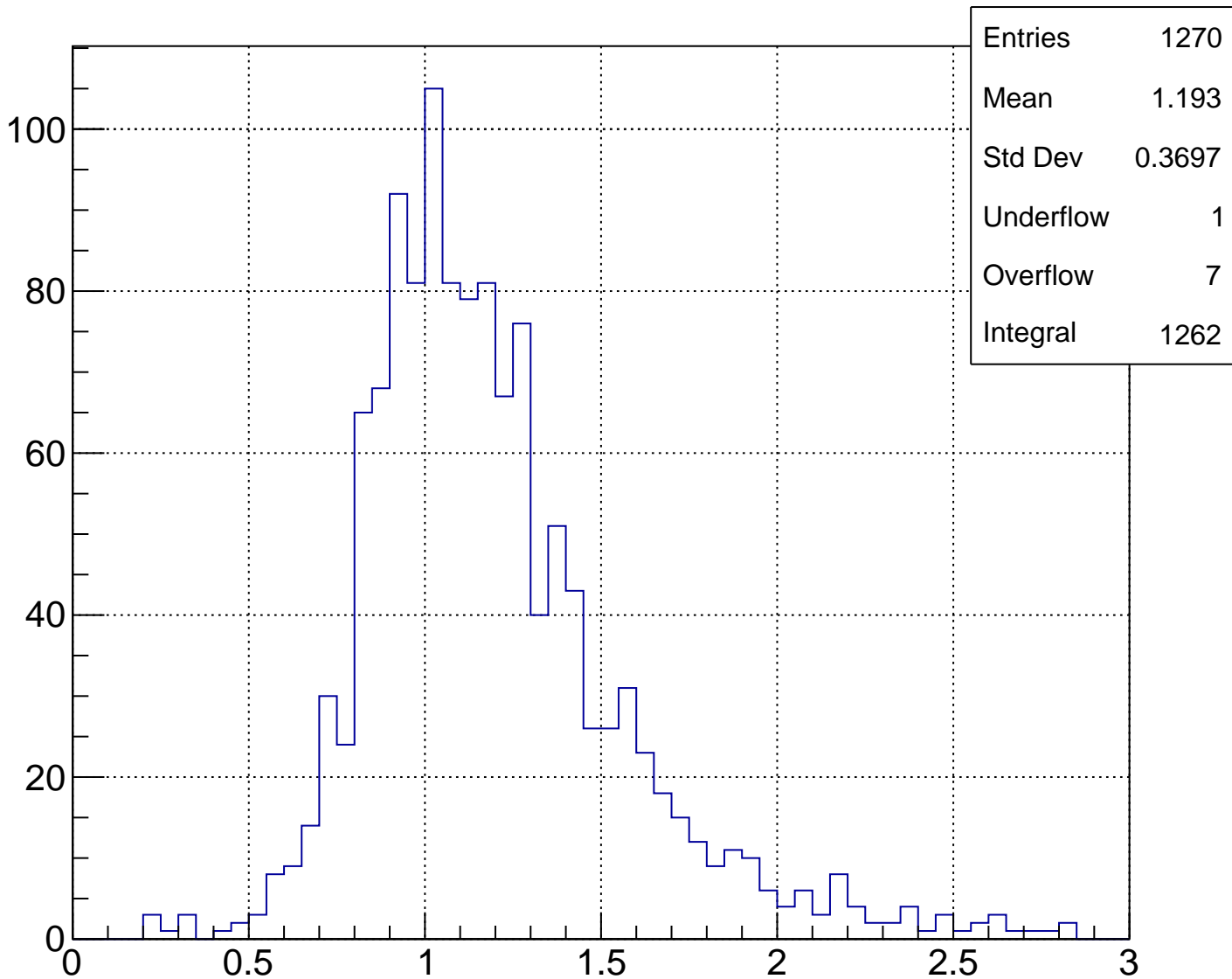
# BH2DdE5



# BH2DdE6



# BH2DdE7



# BH2DdE8

