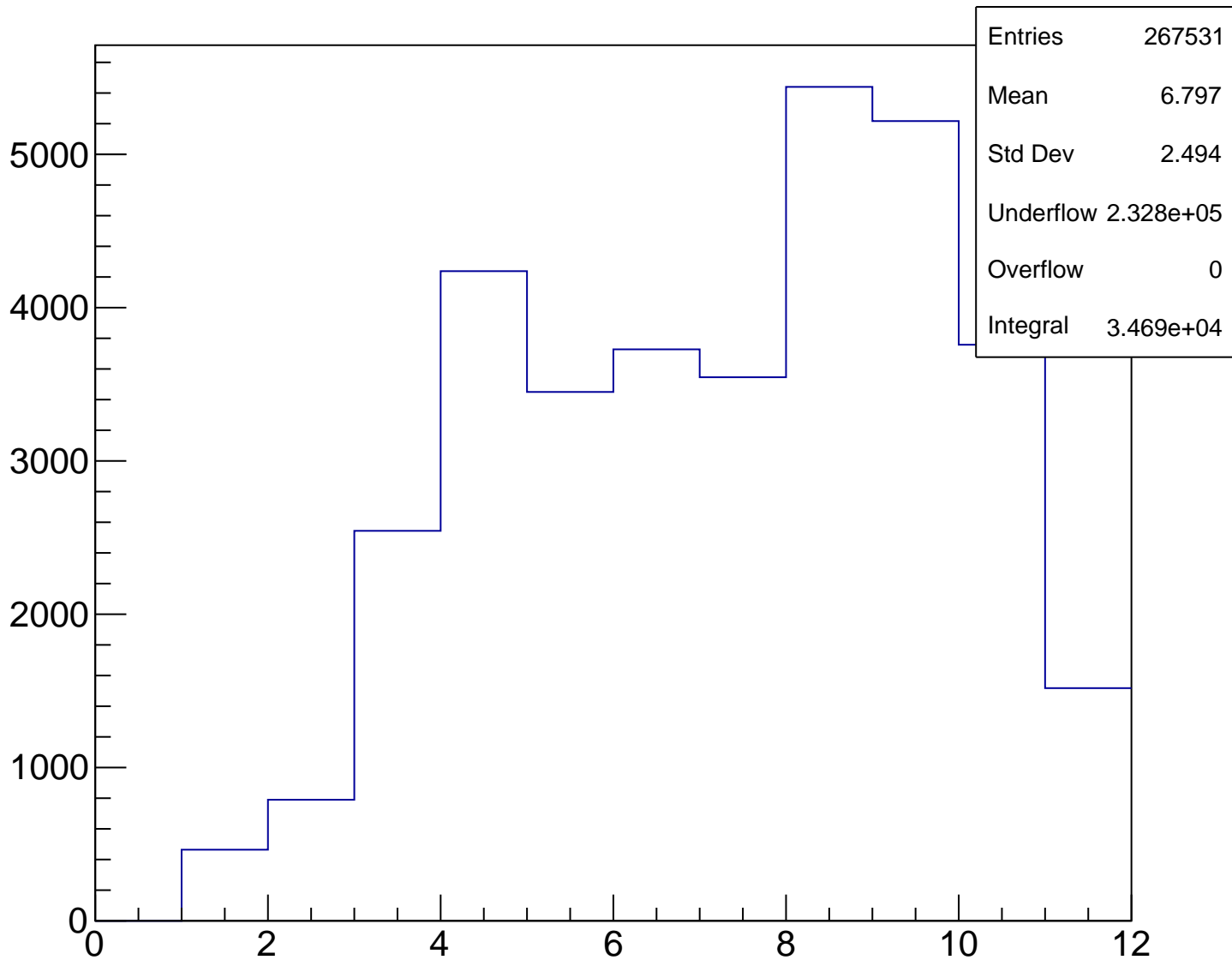
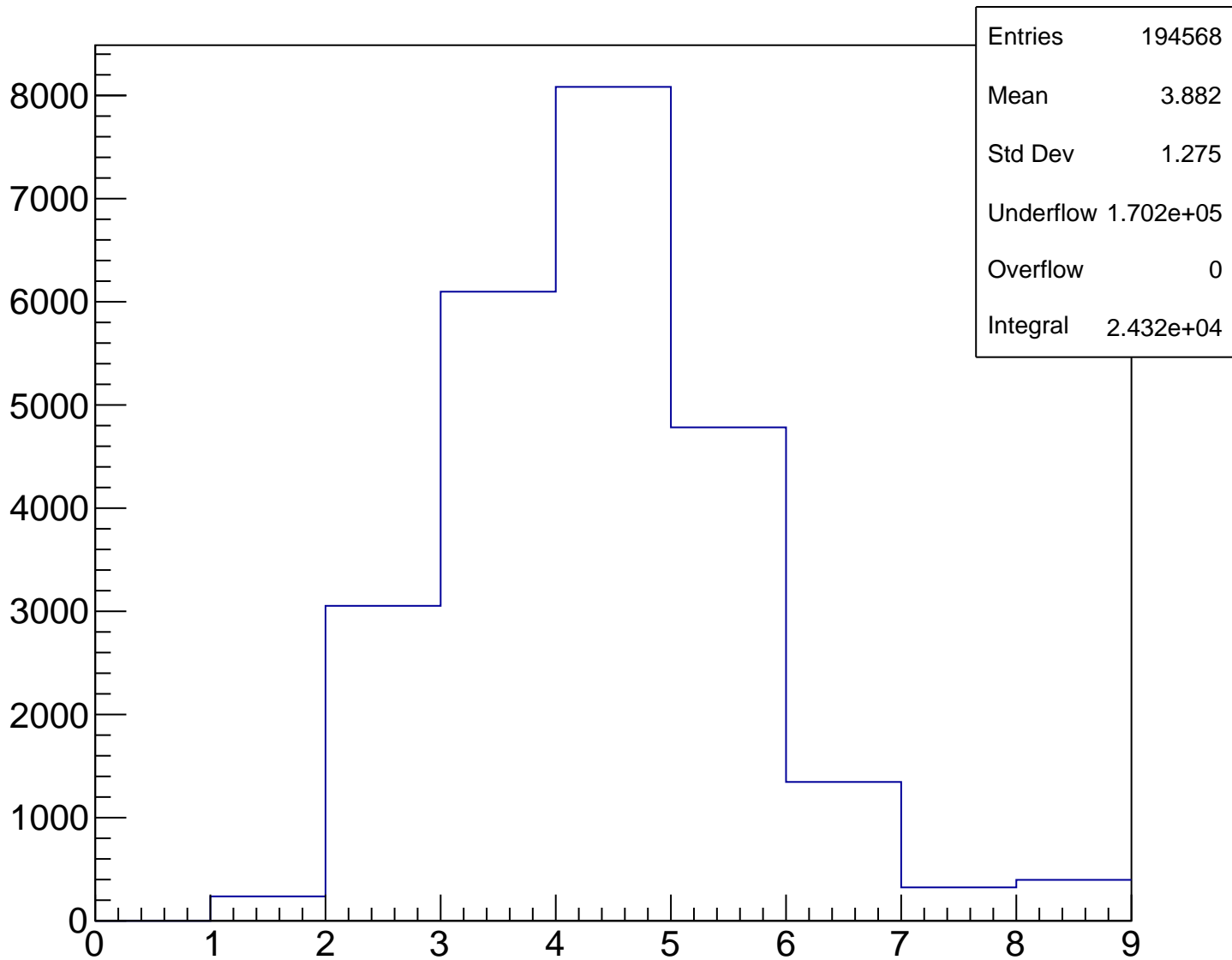


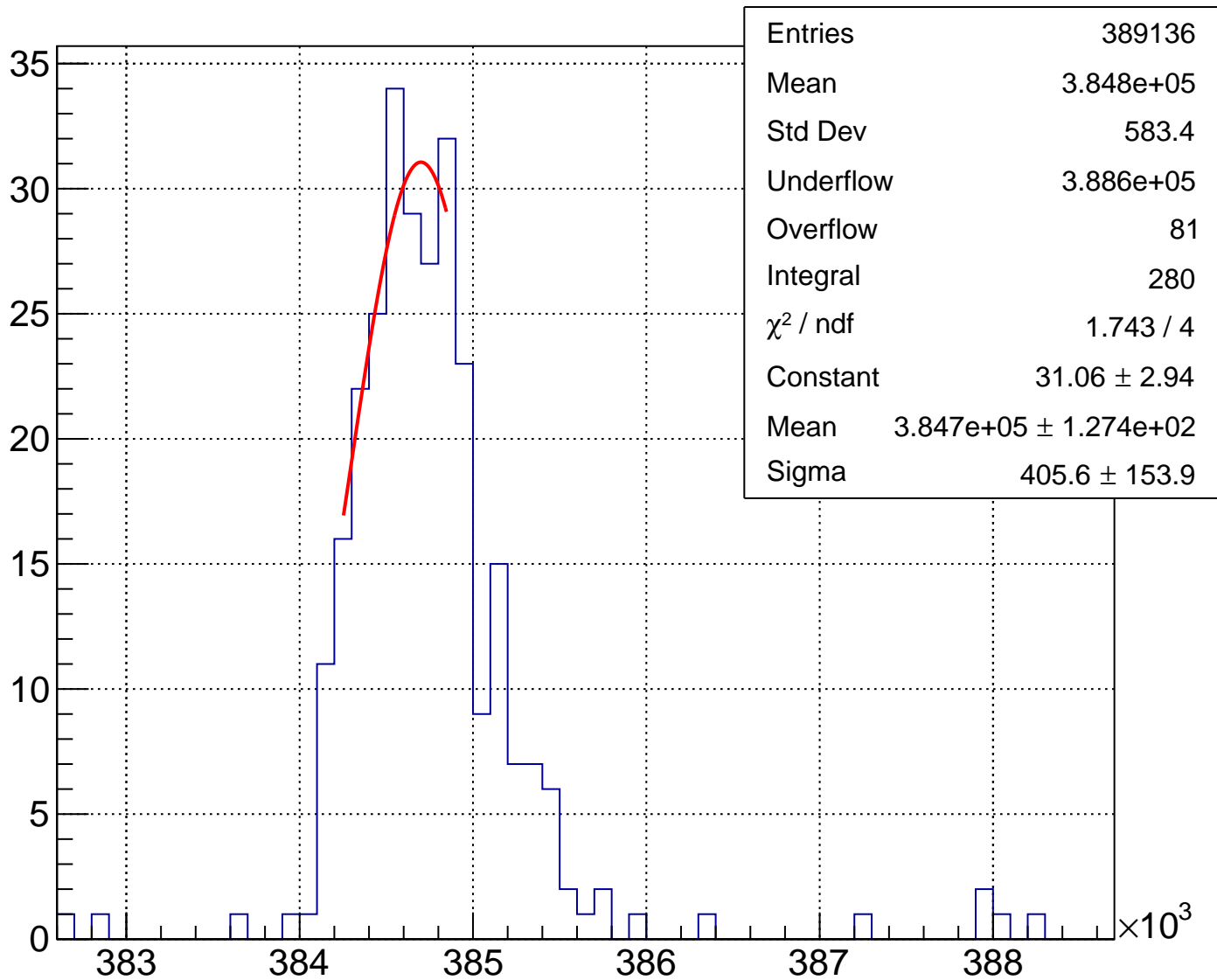
BH1HitPat



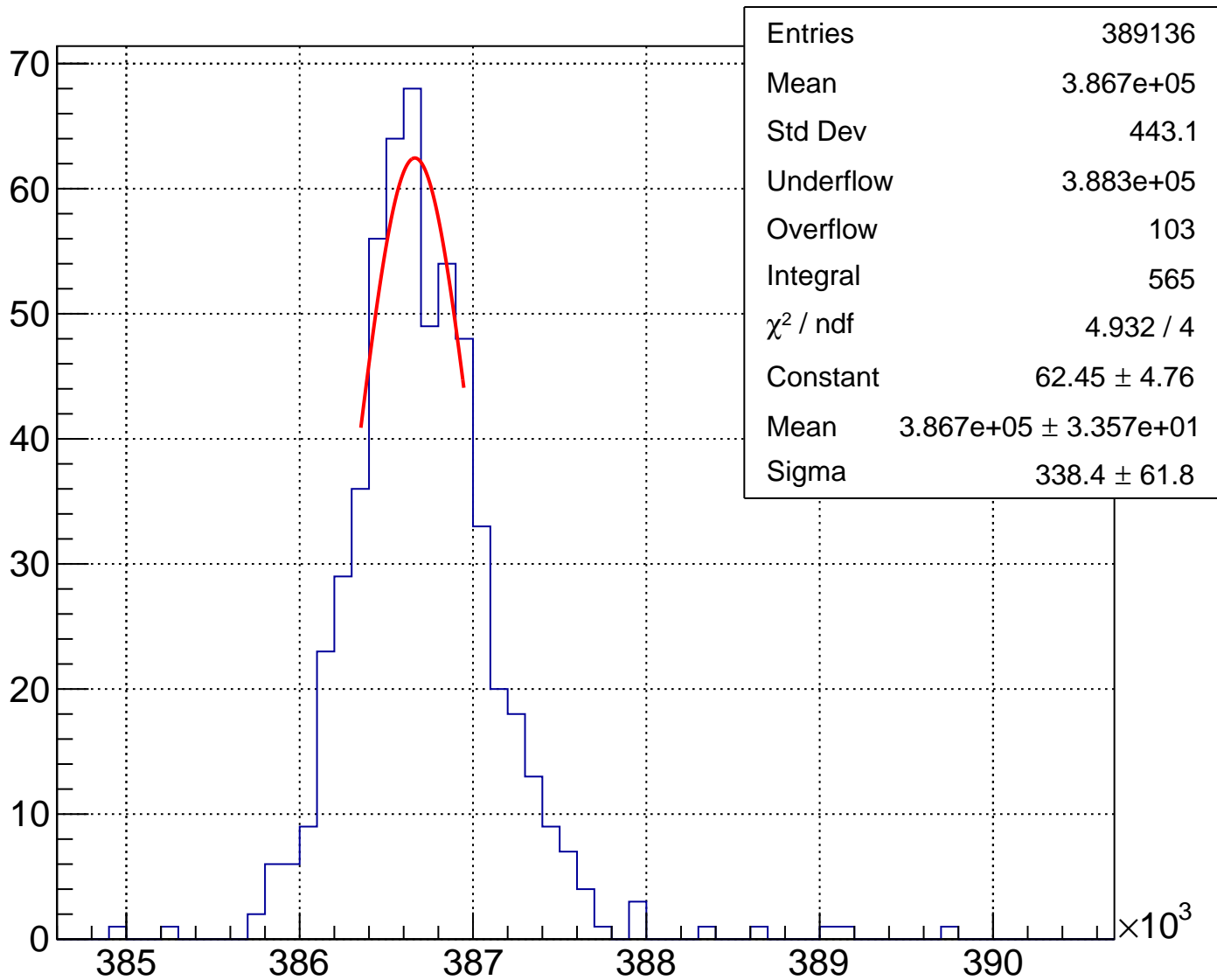
BH2HitPat



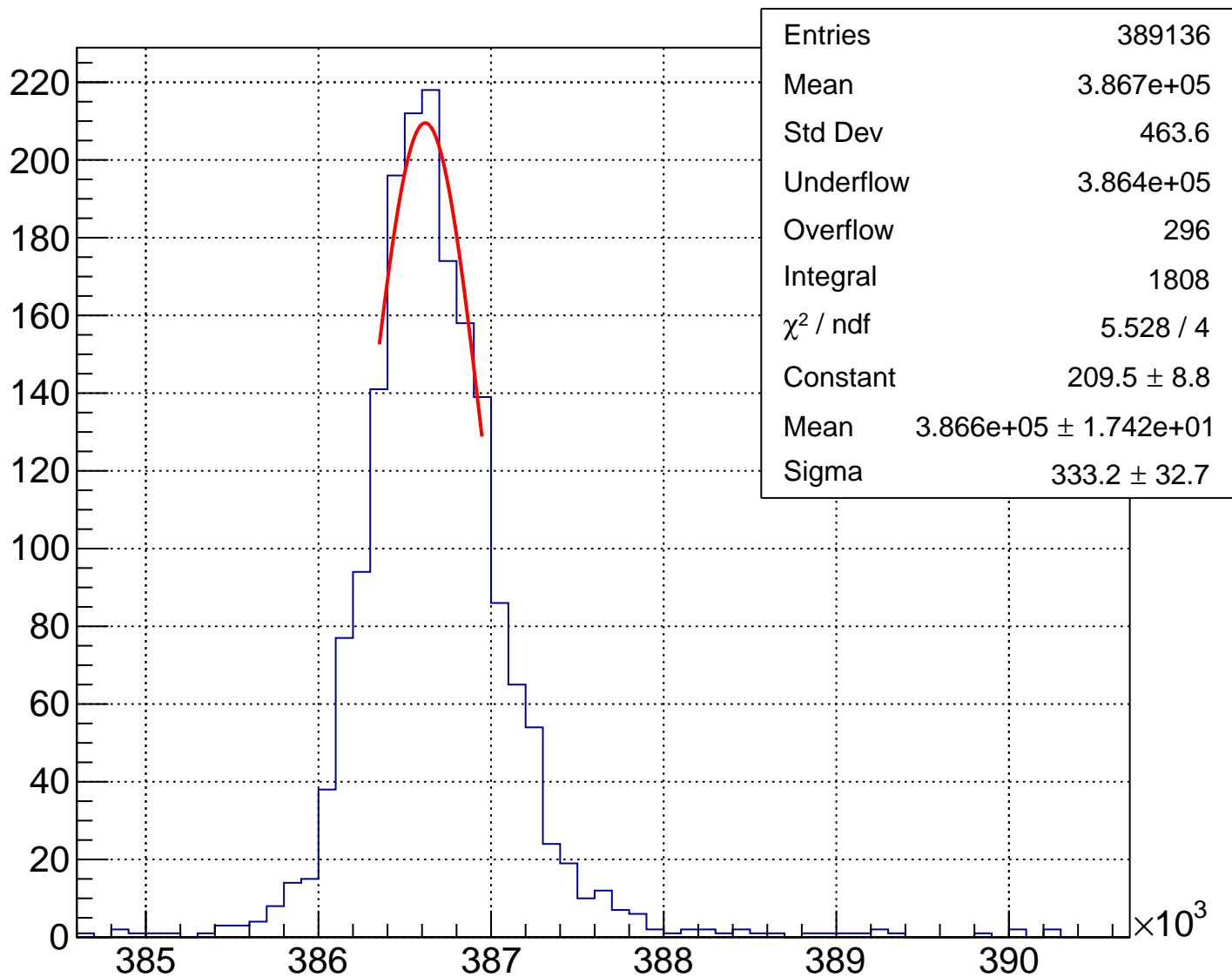
BH1_1UT



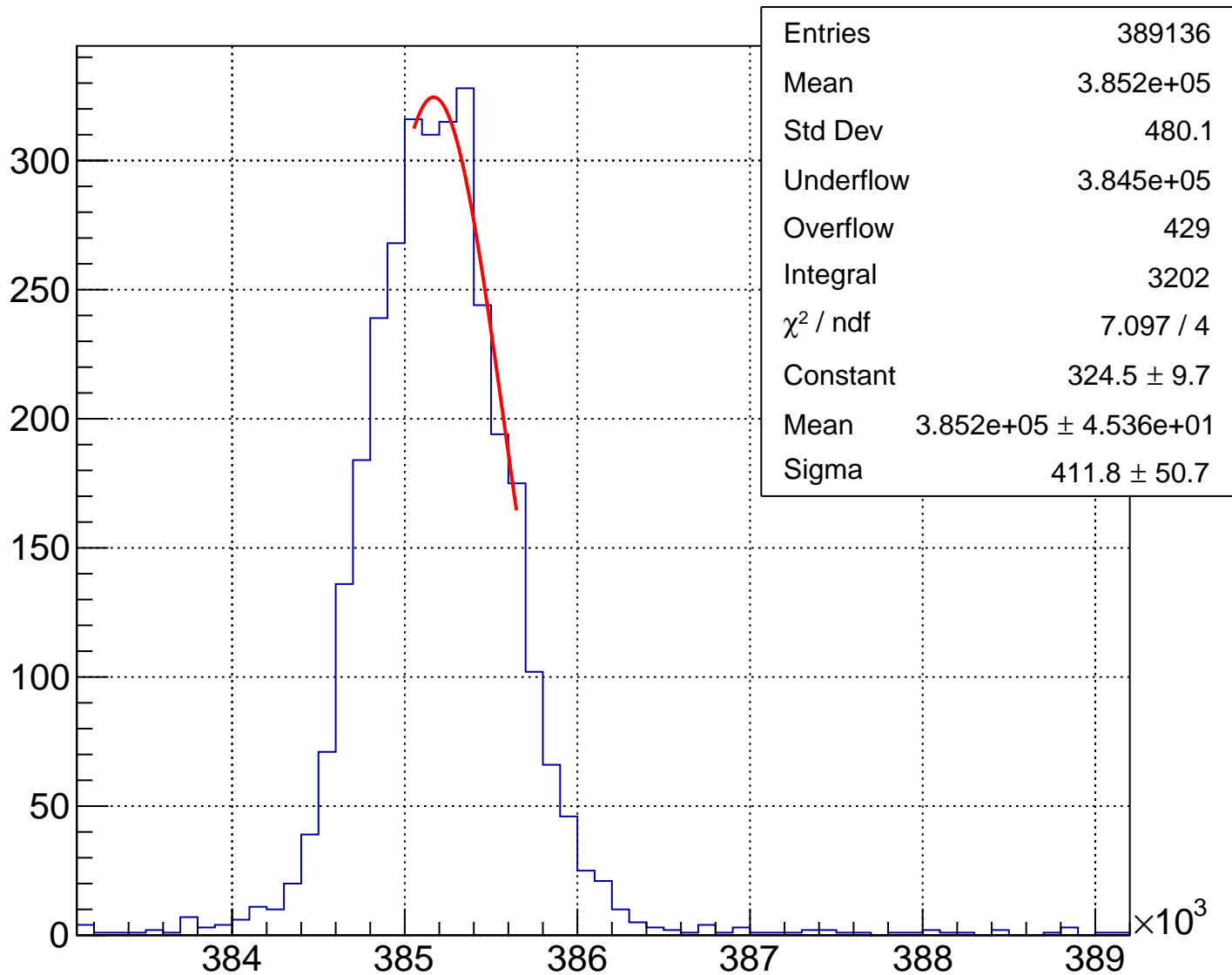
BH1_2UT



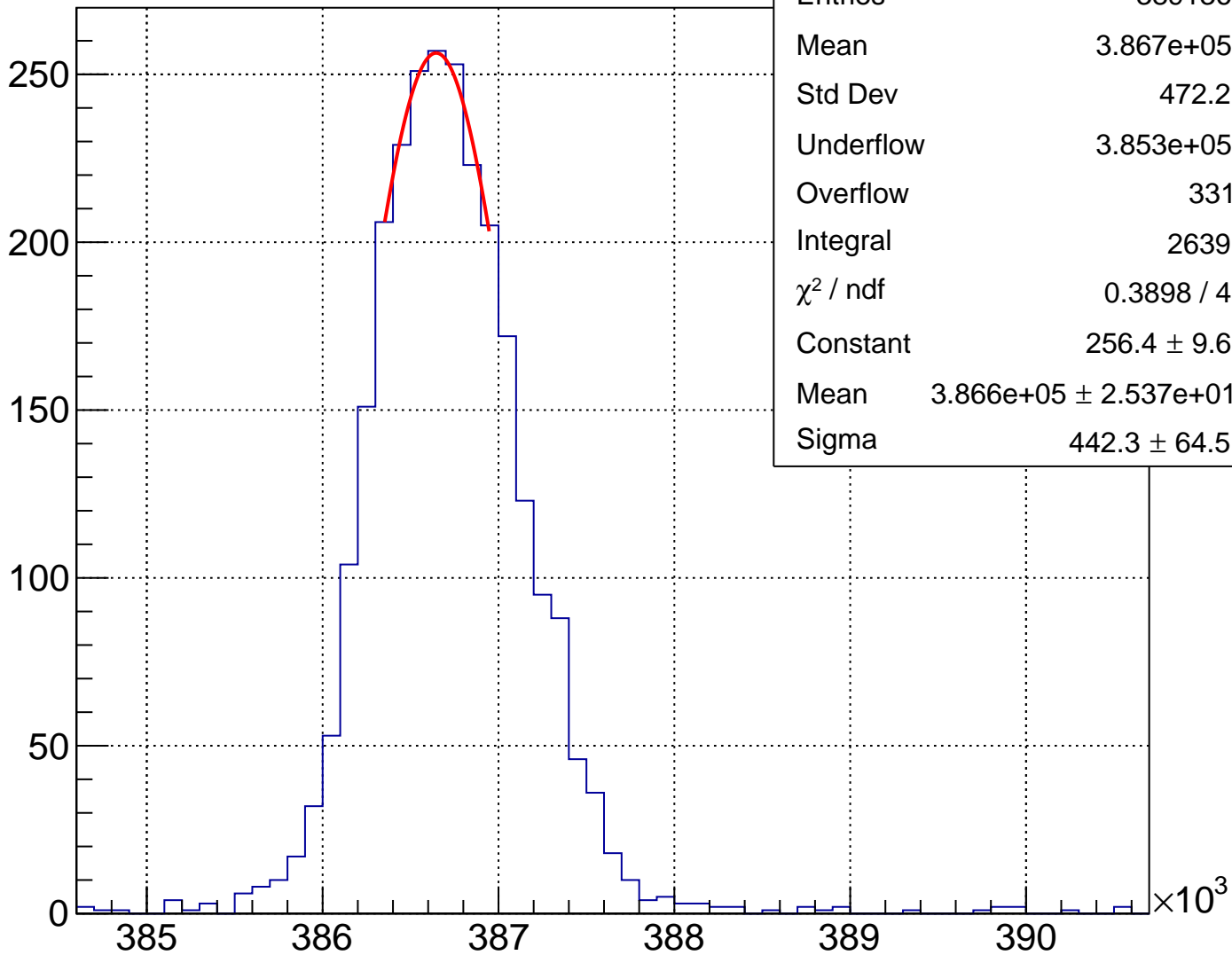
BH1_3UT



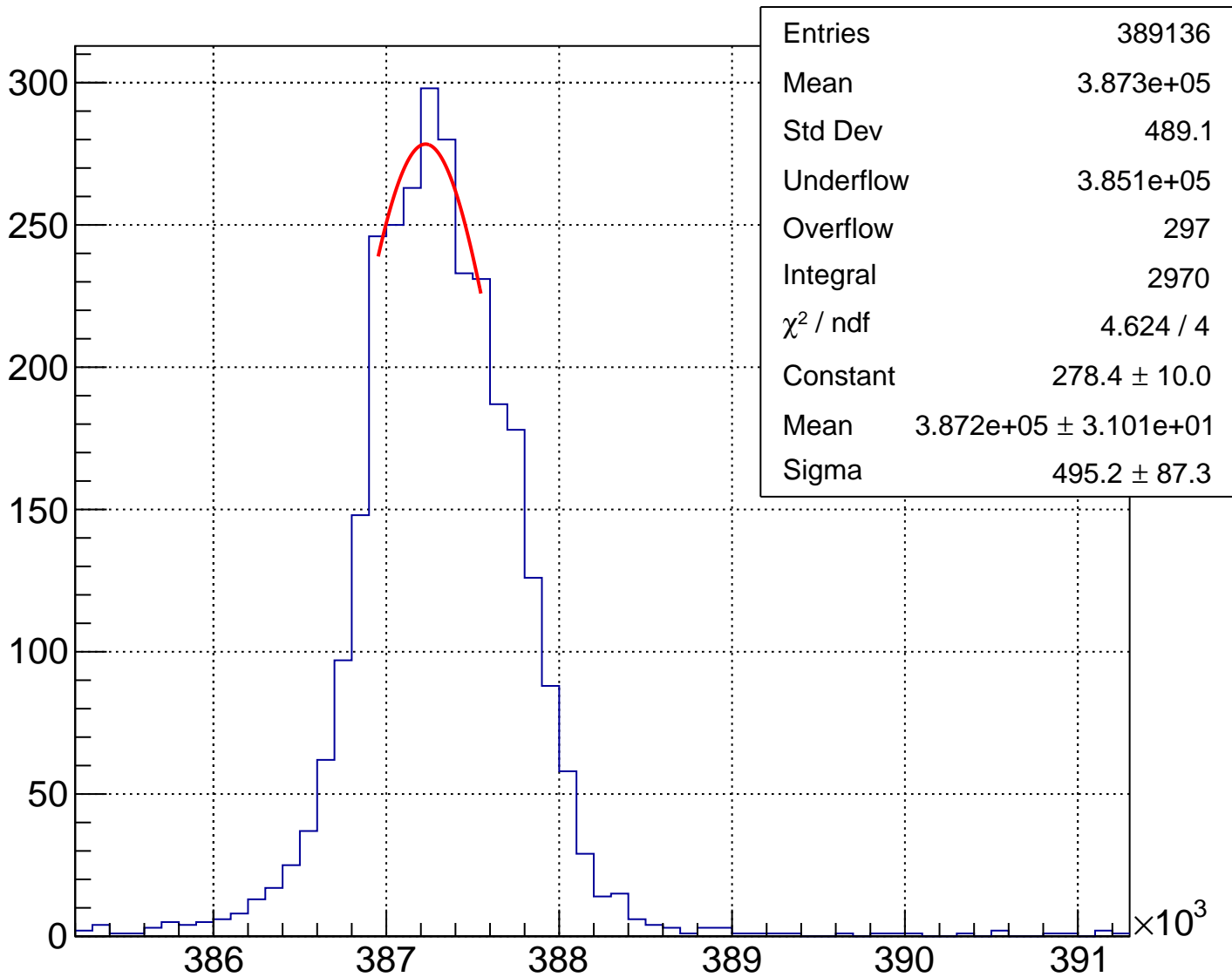
BH1_4UT



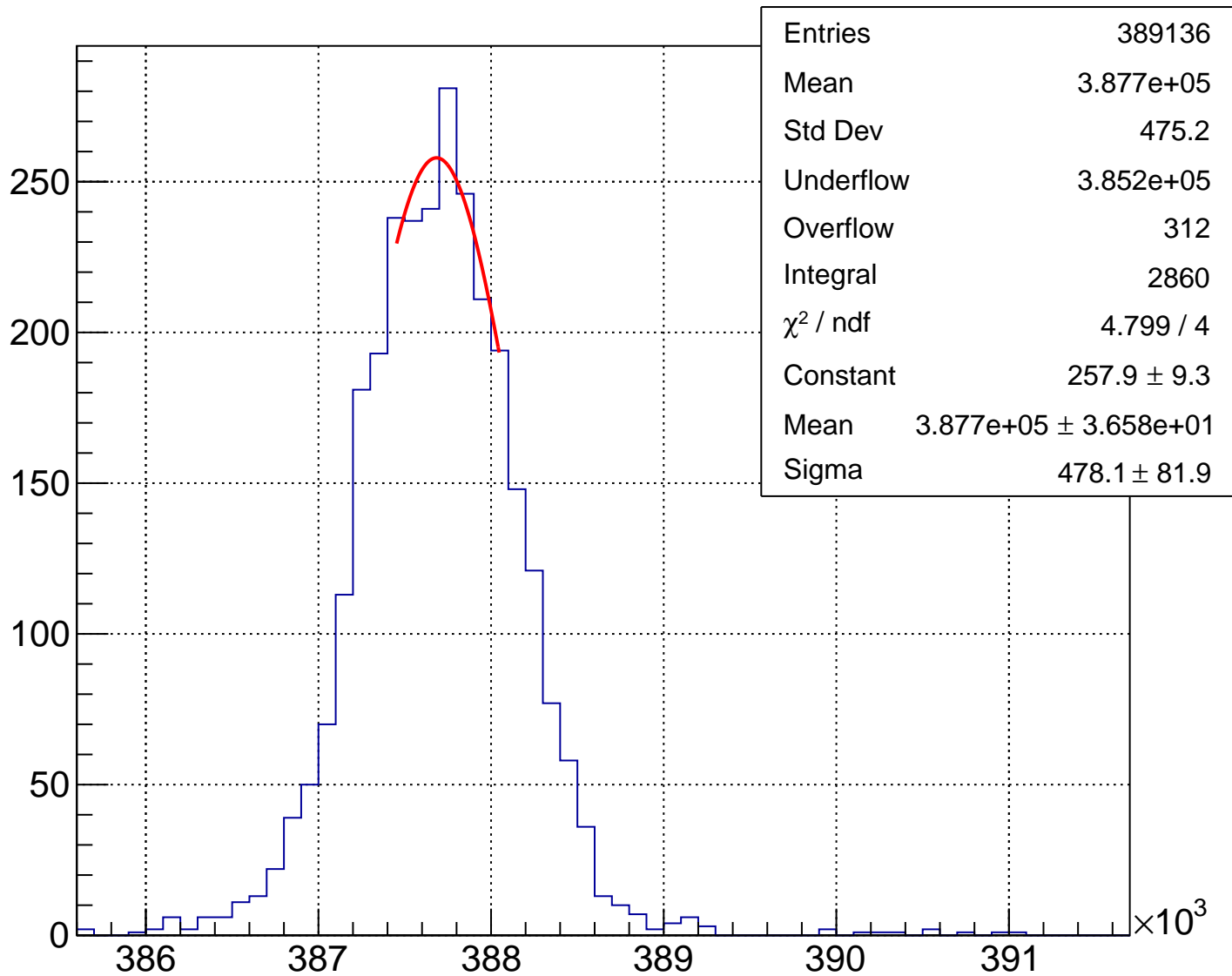
BH1_5UT



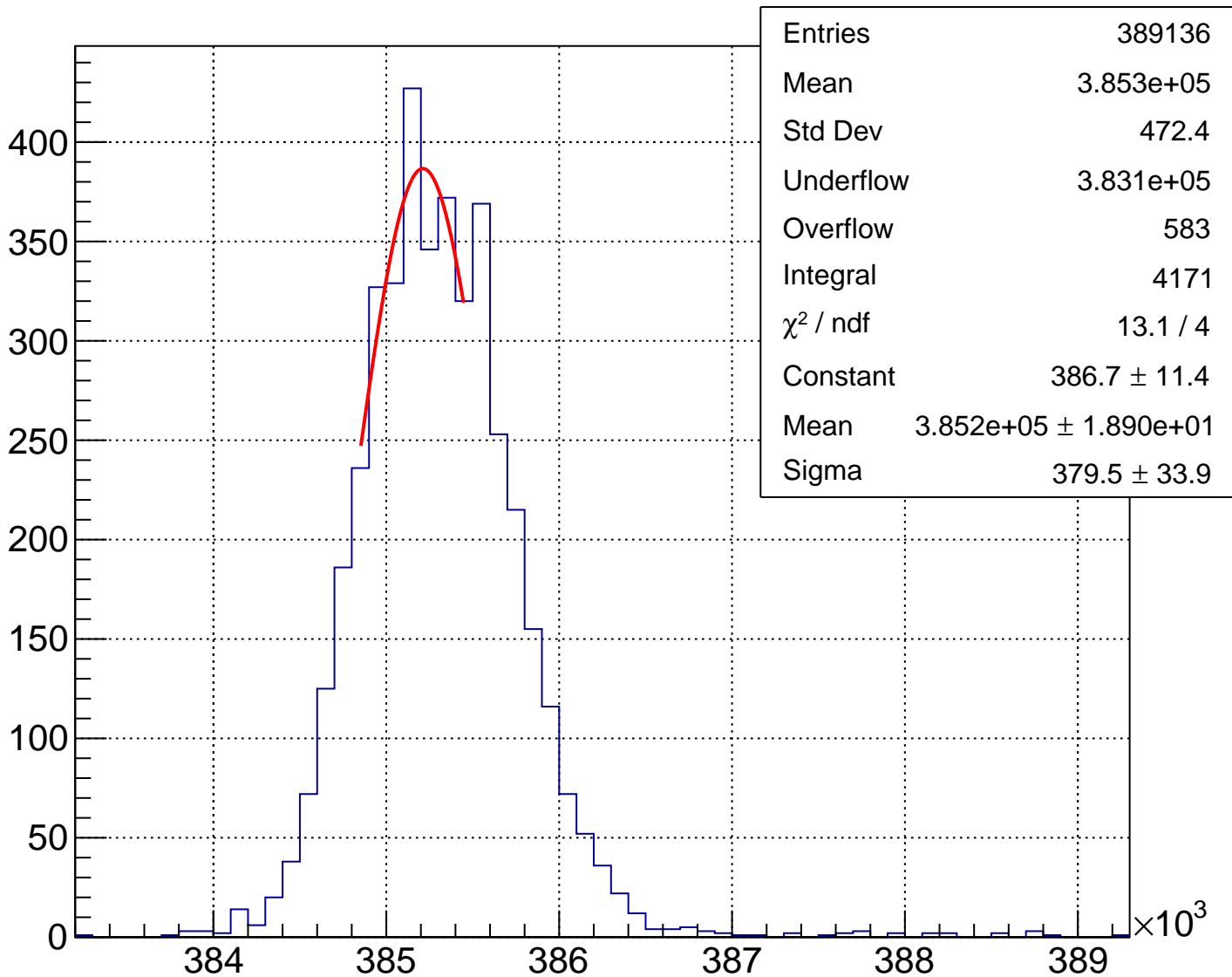
BH1_6UT



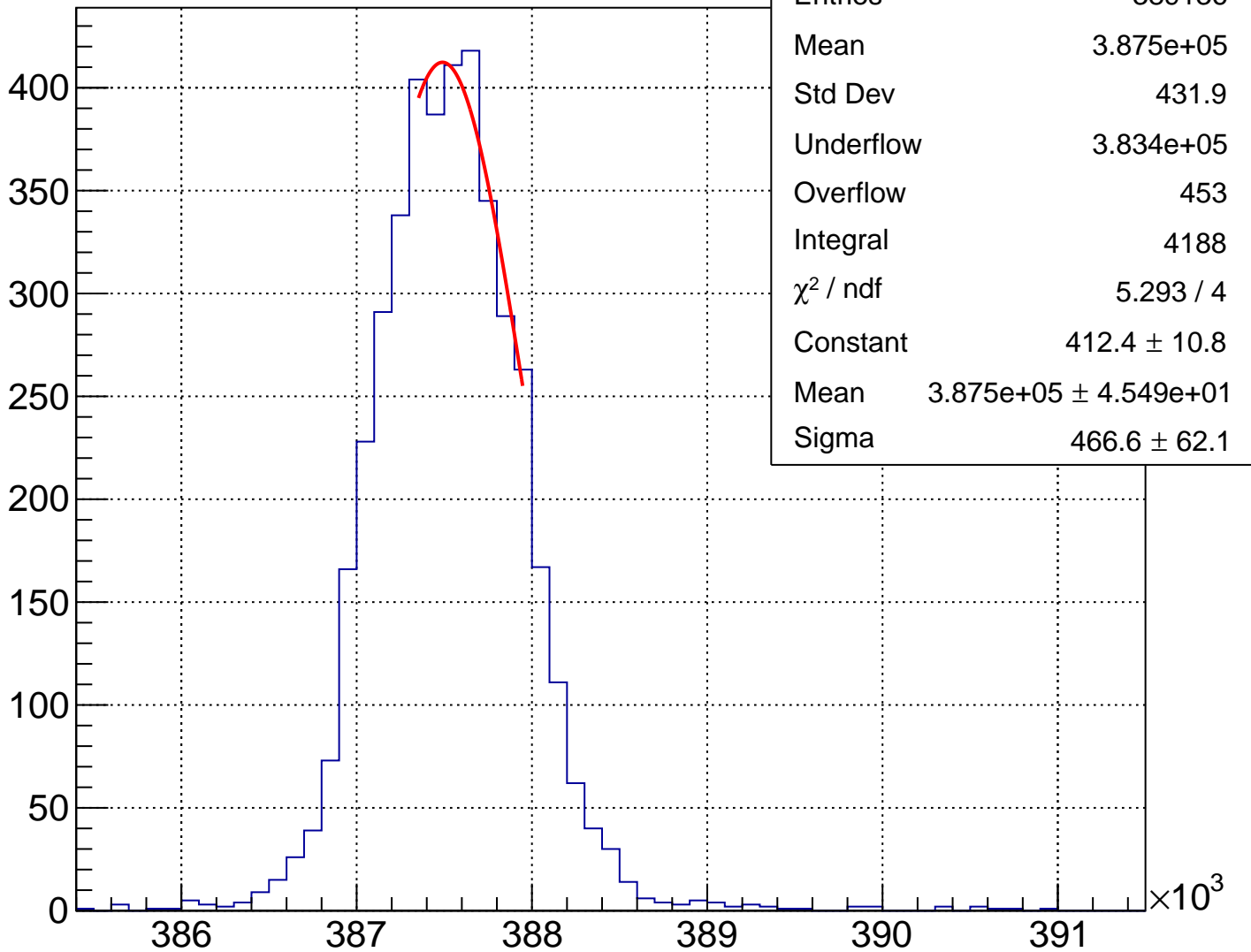
BH1_7UT



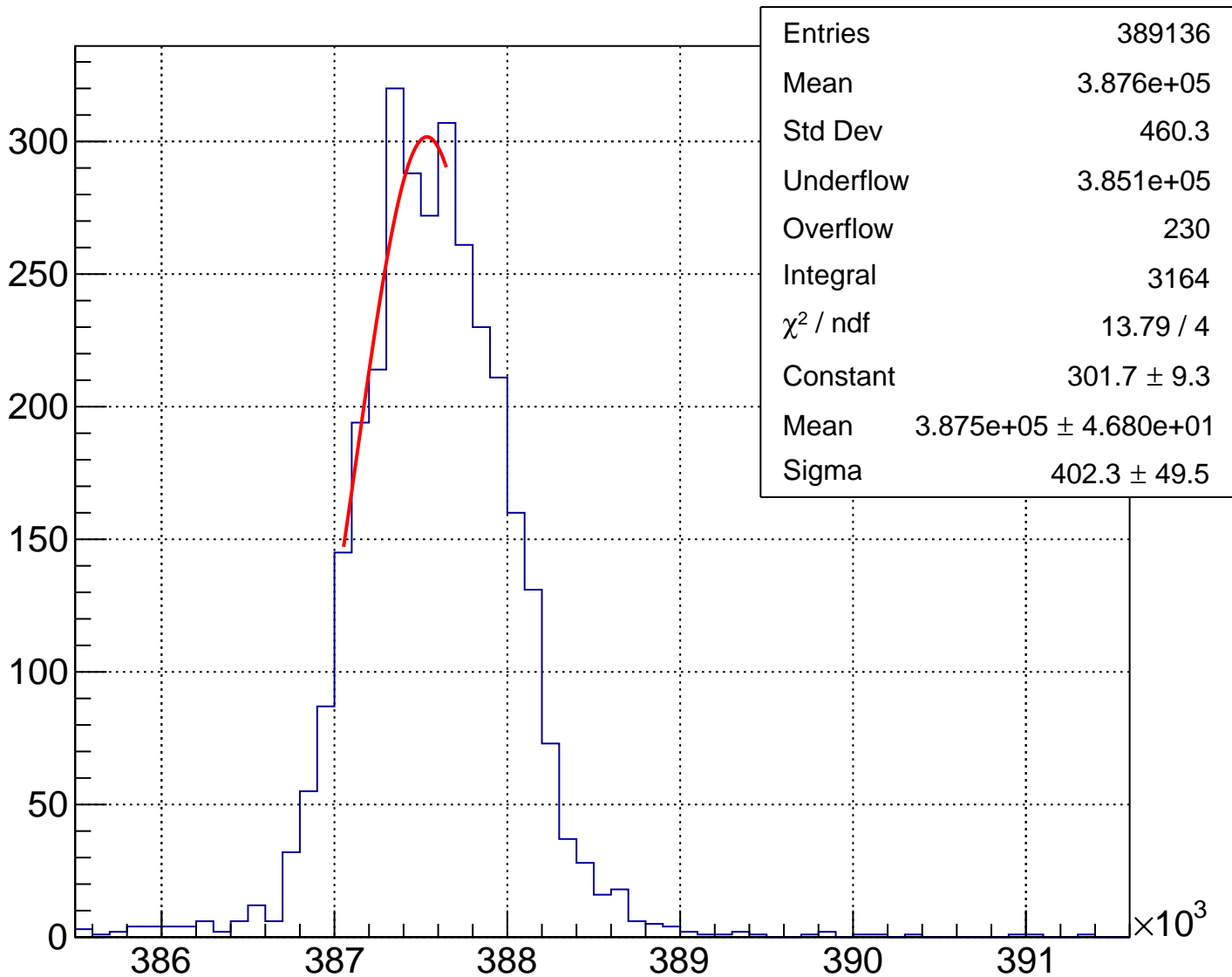
BH1_8UT



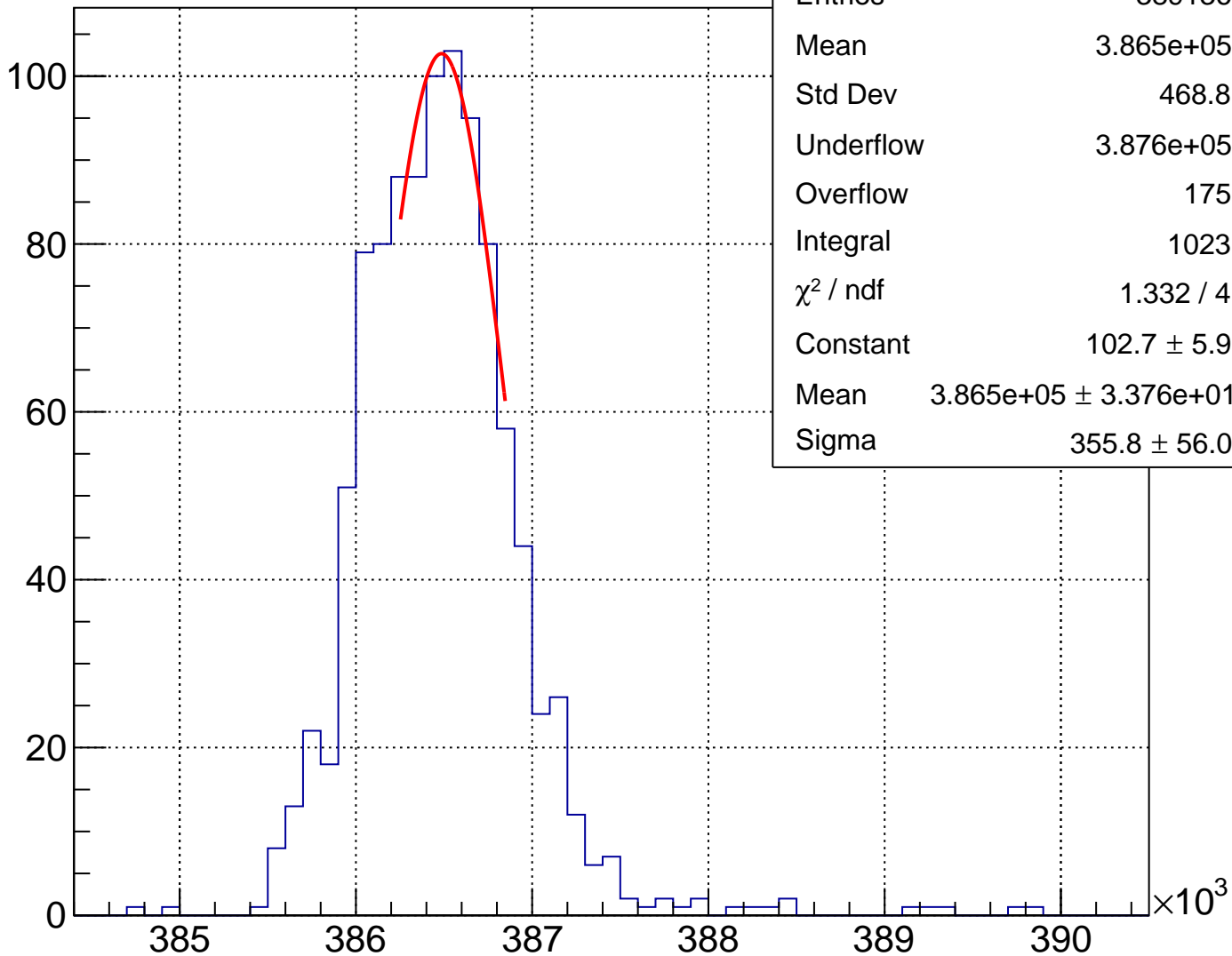
BH1_9UT



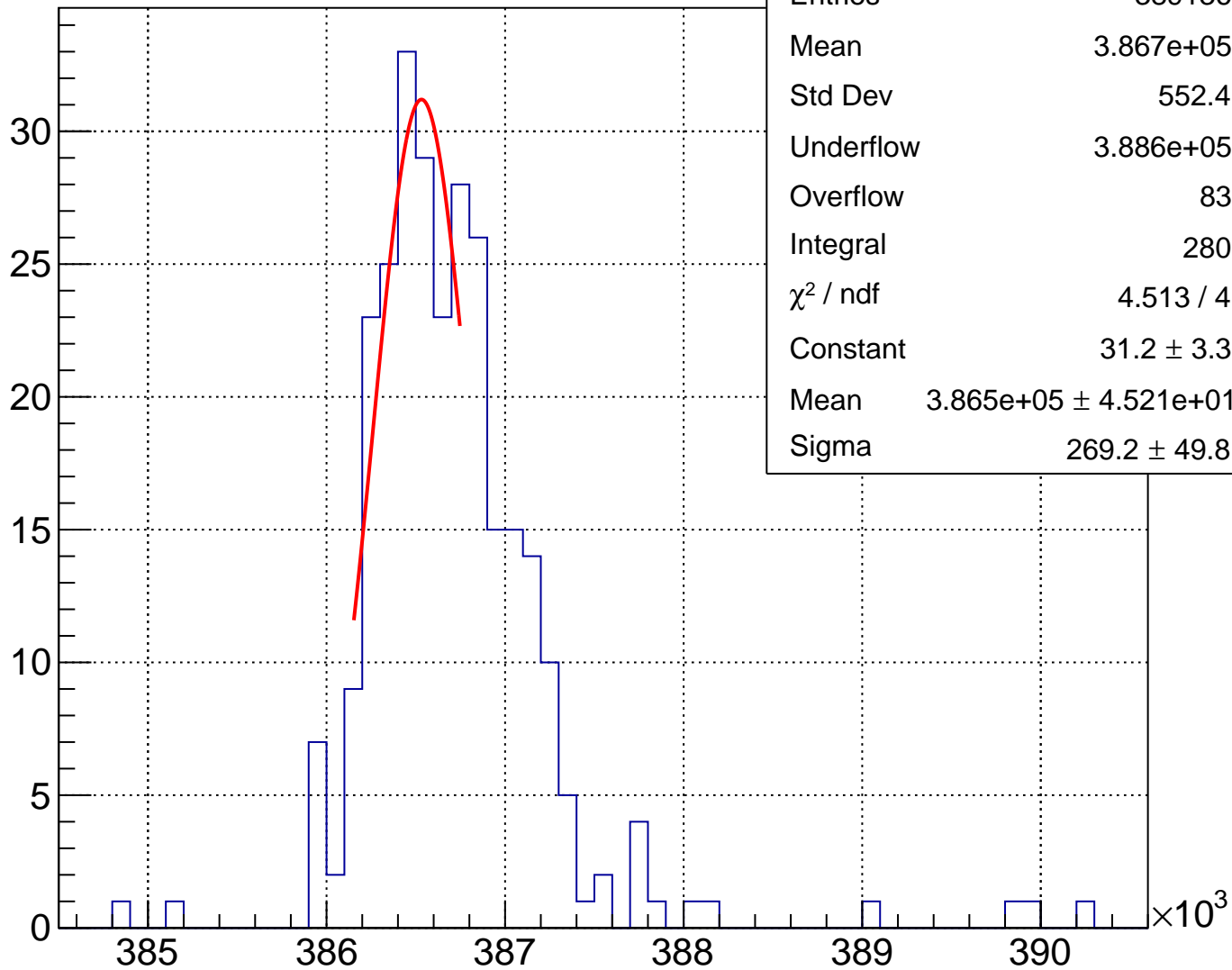
BH1_10UT



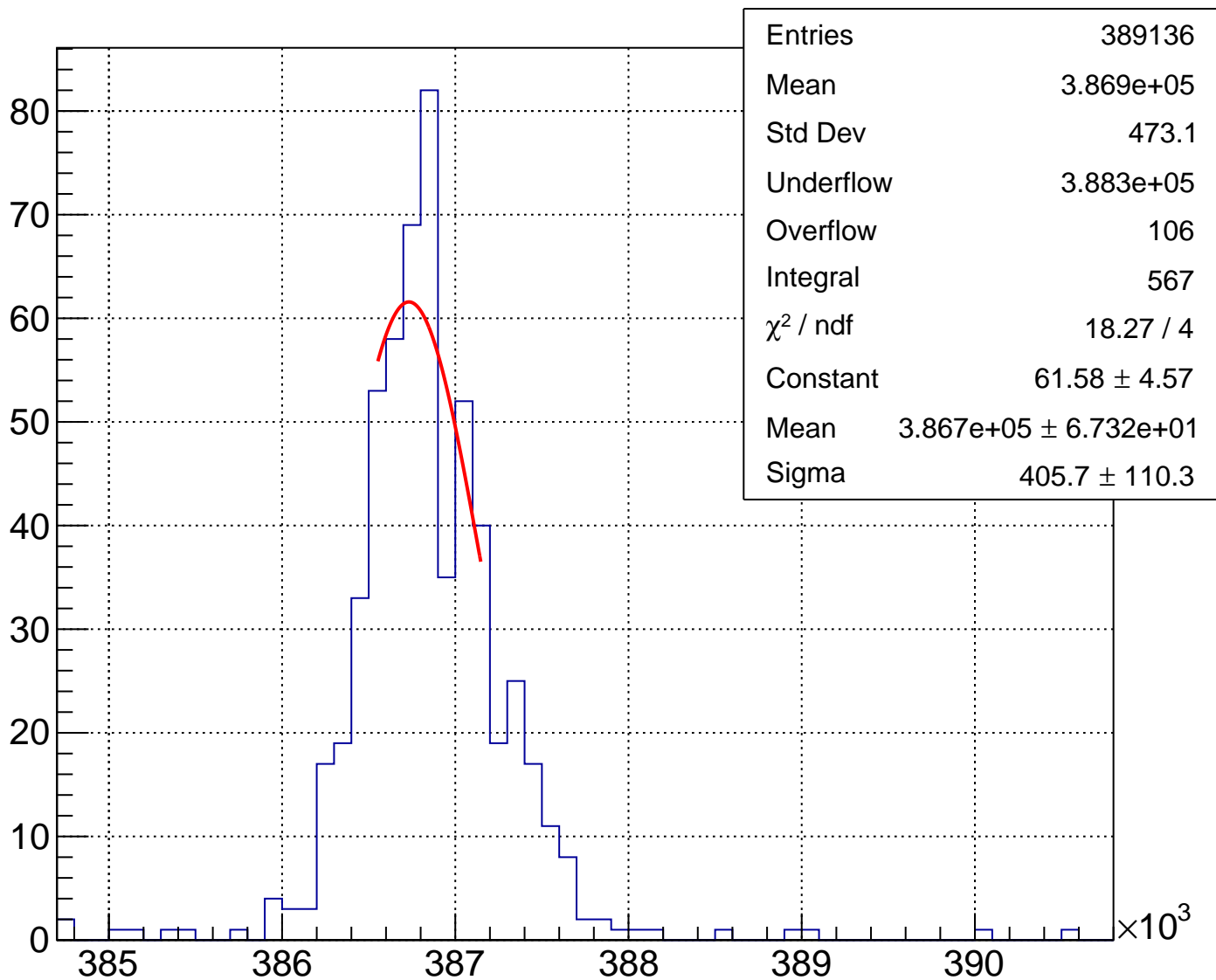
BH1_11UT



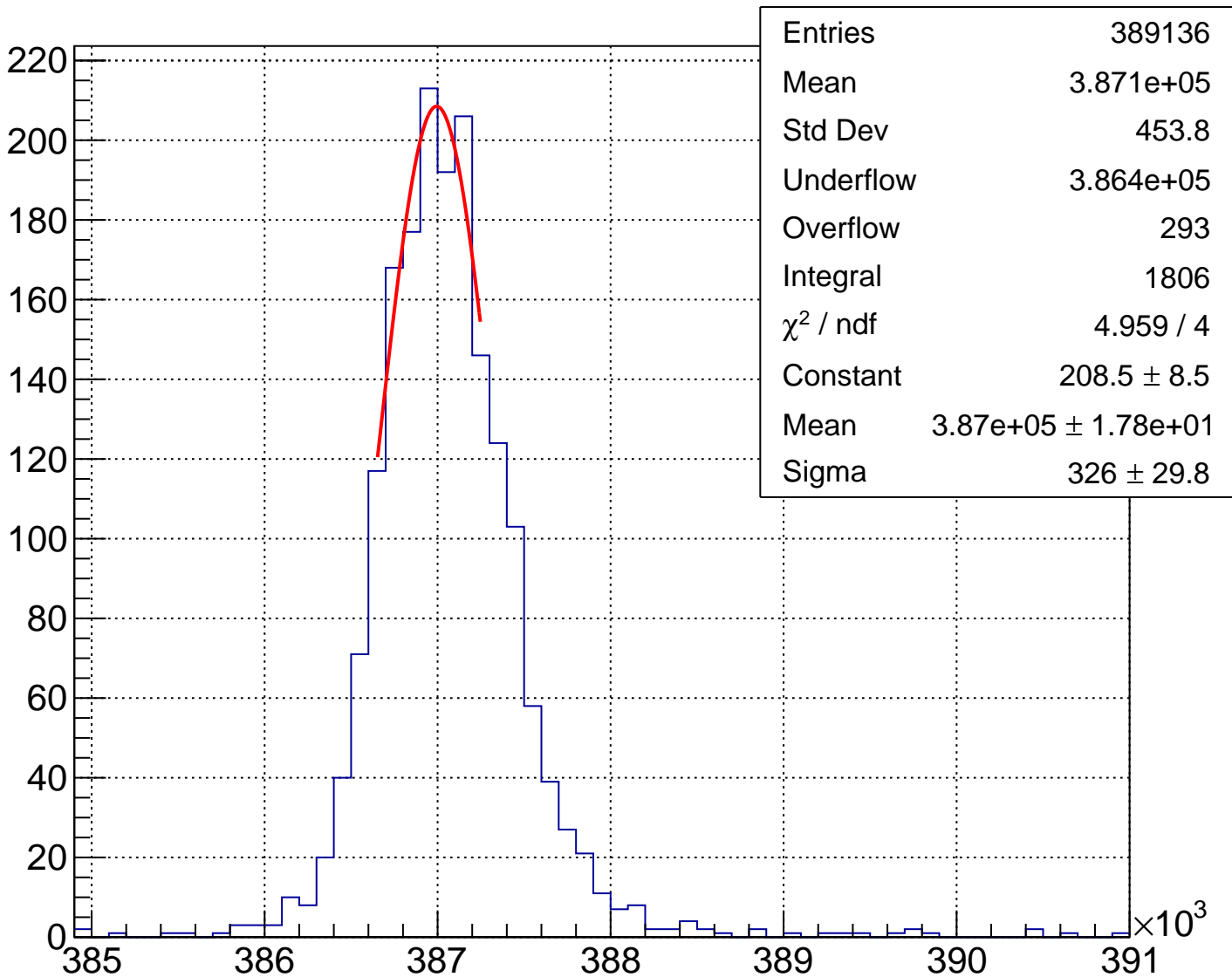
BH1_1DT



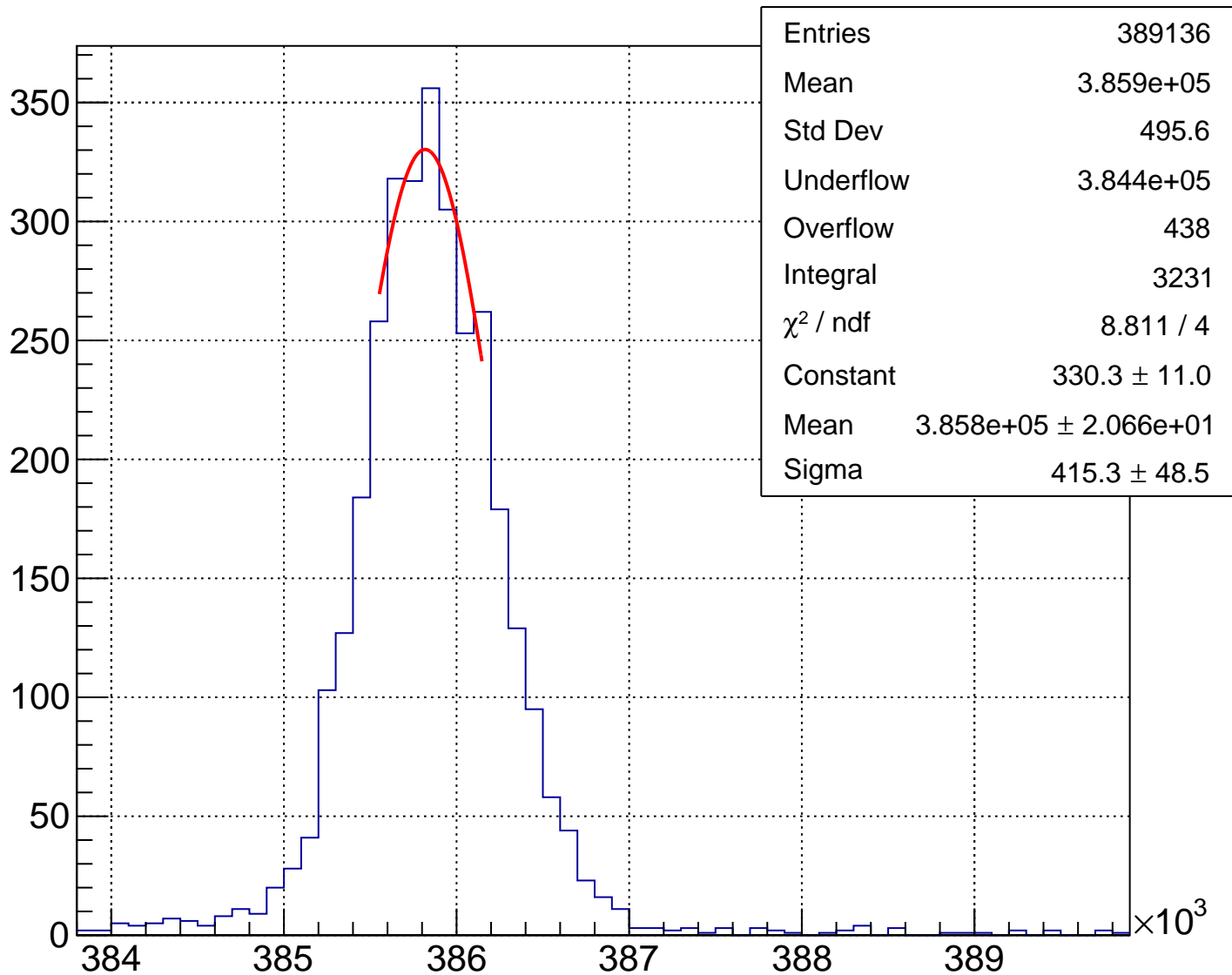
BH1_2DT



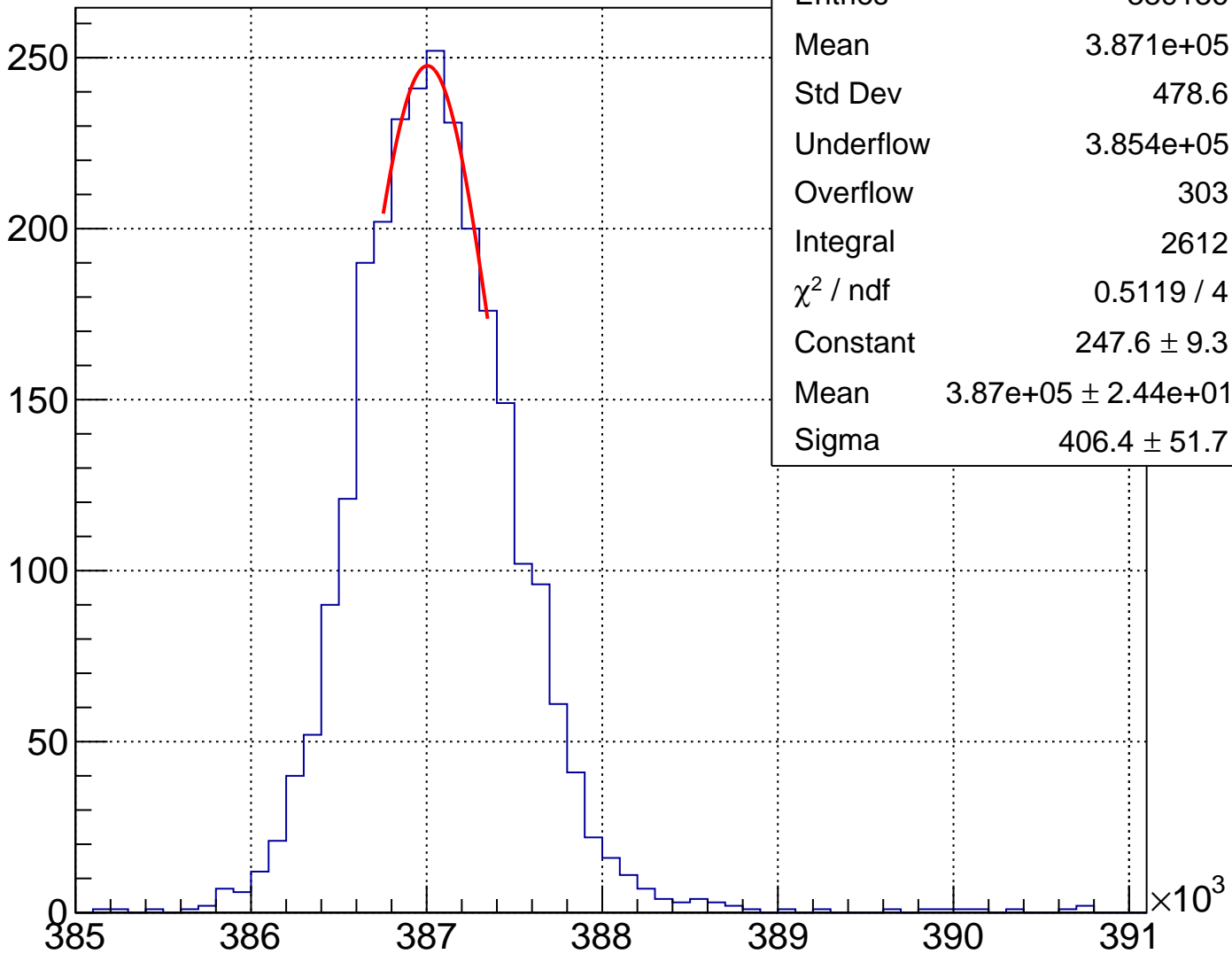
BH1_3DT



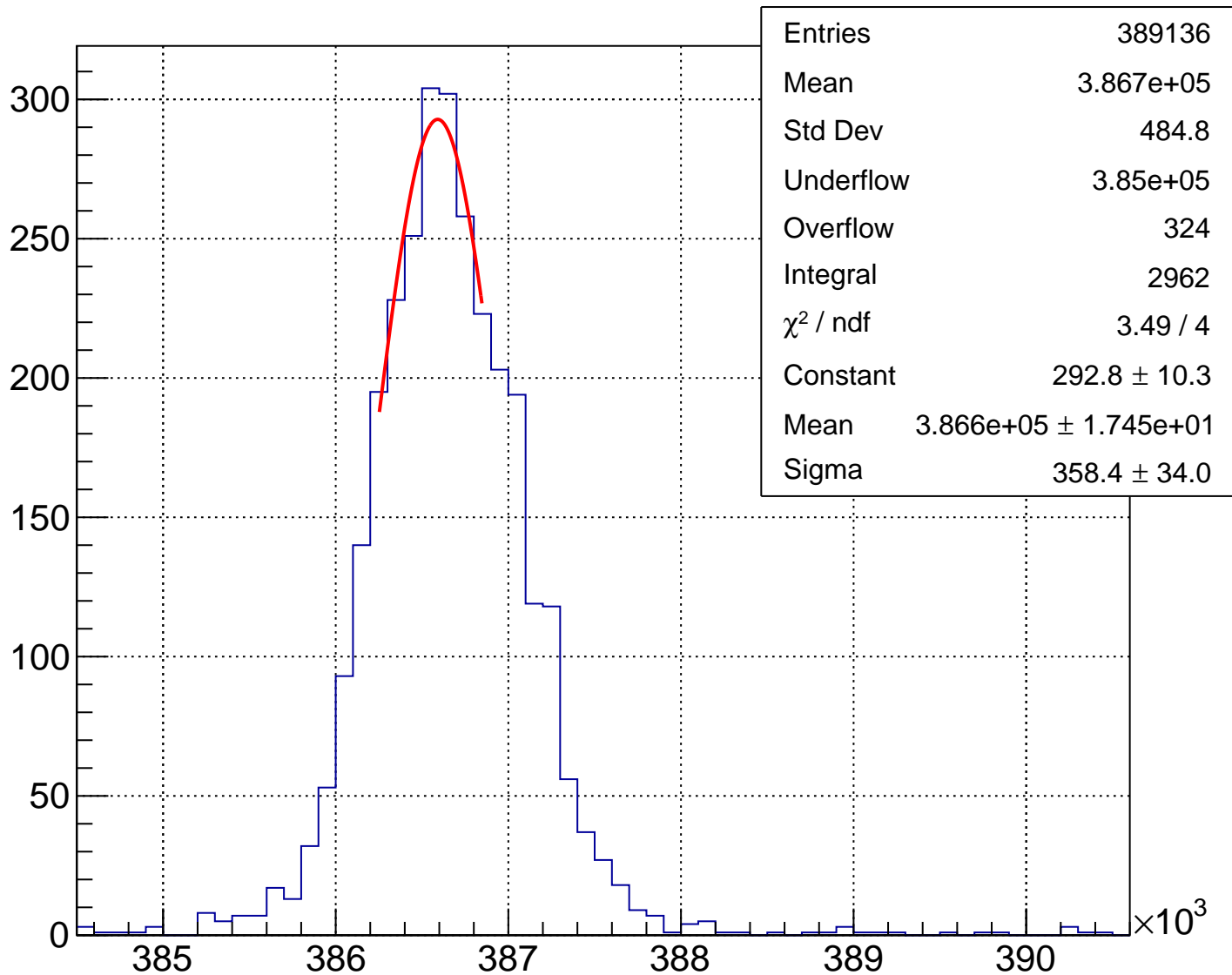
BH1_4DT



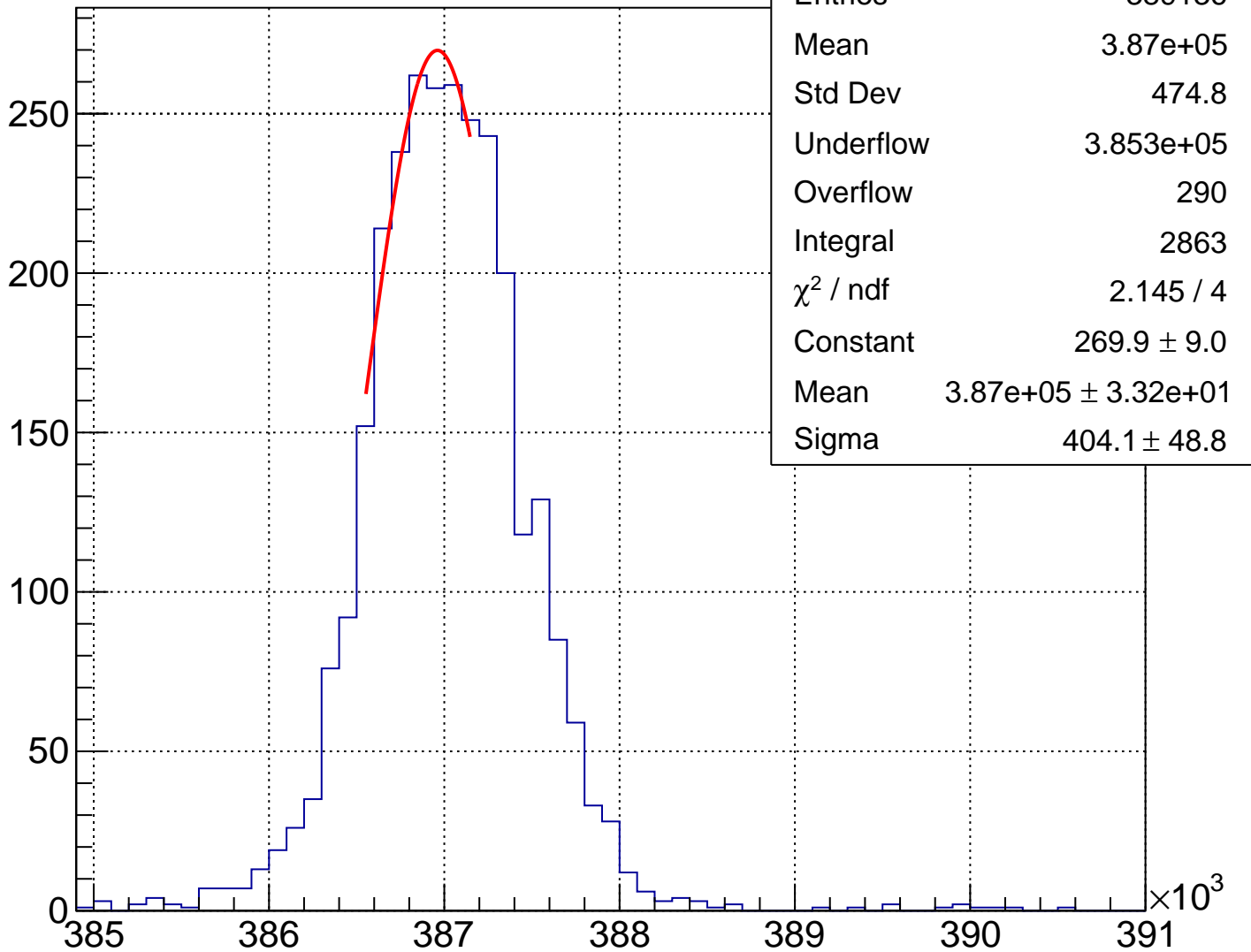
BH1_5DT



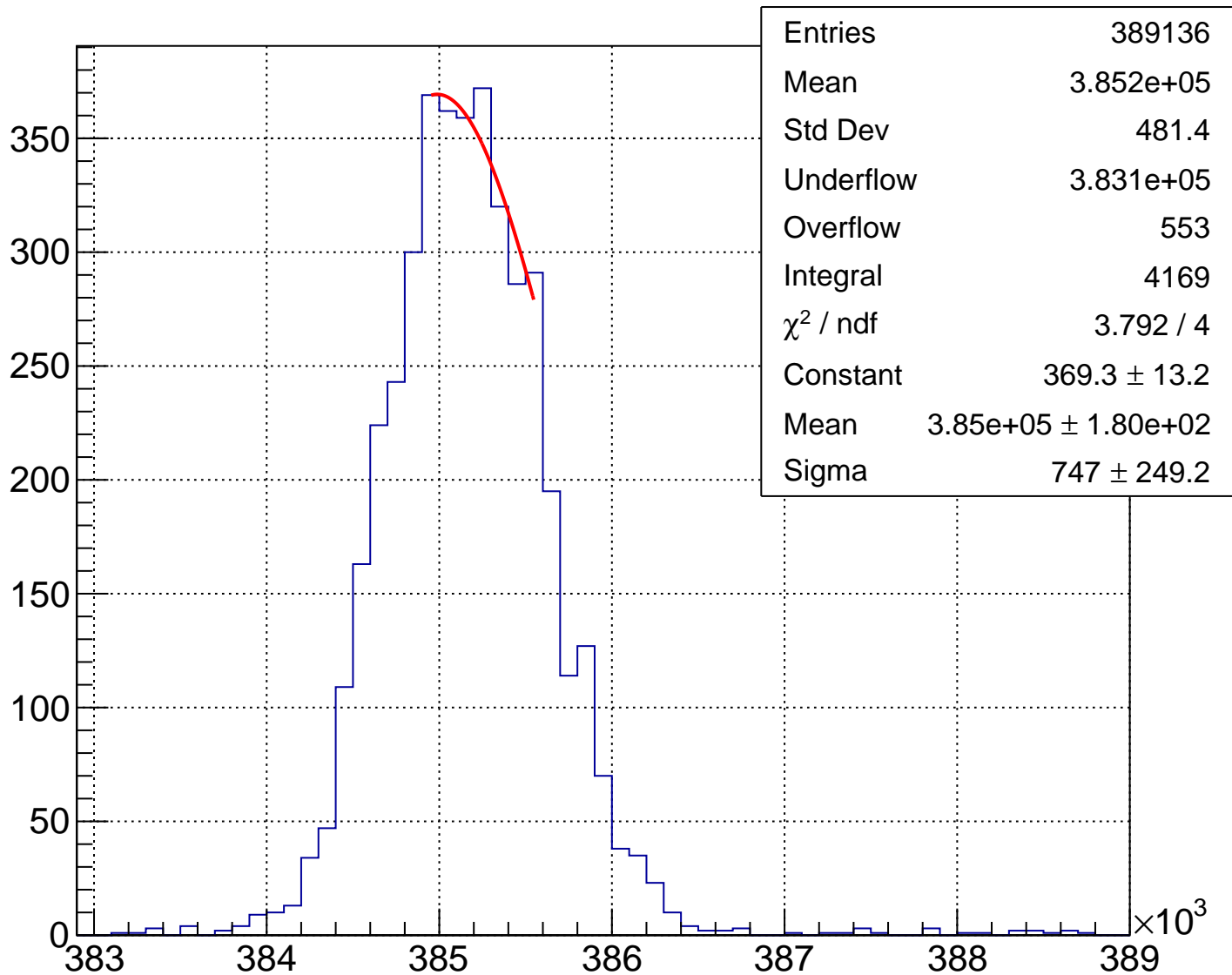
BH1_6DT



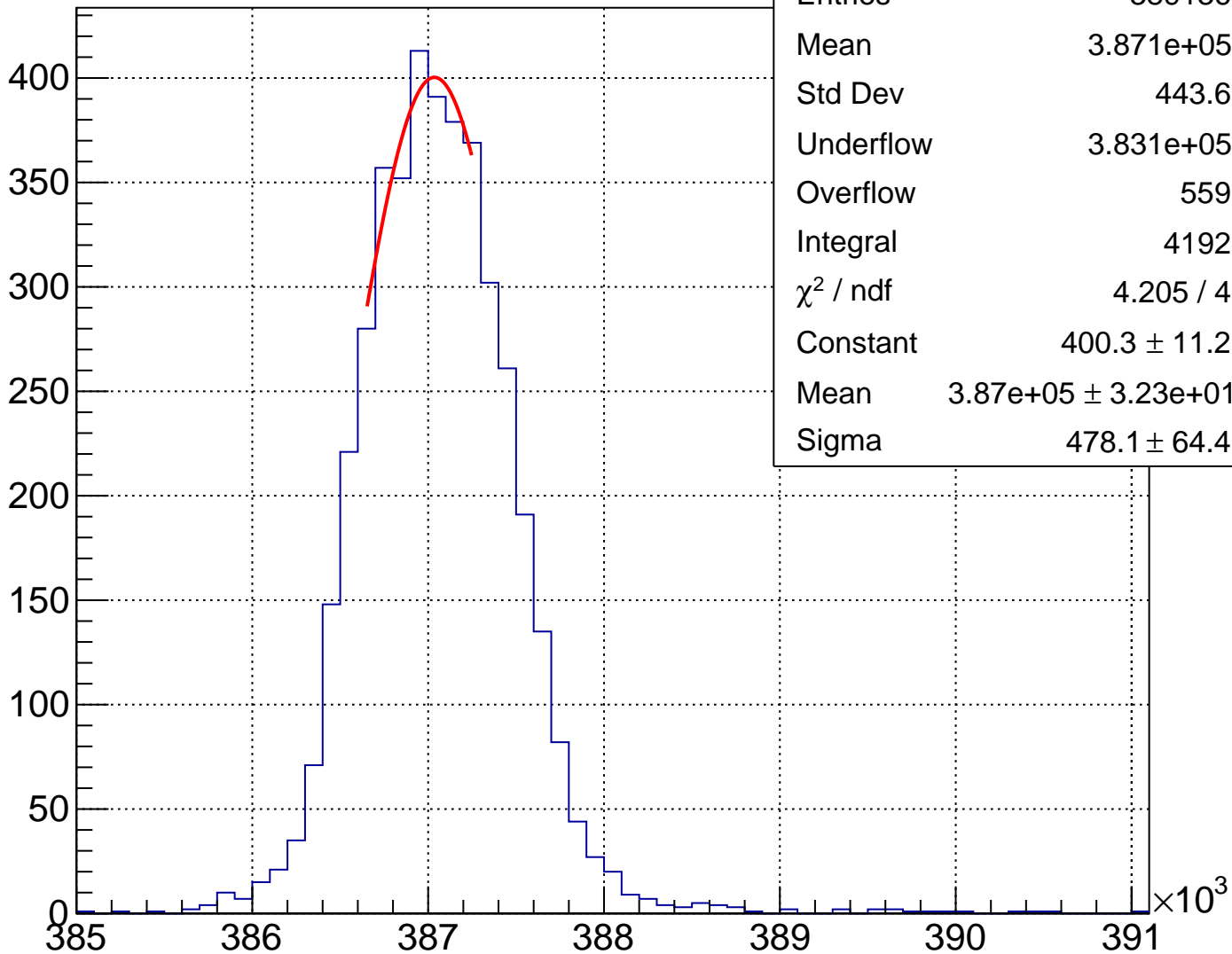
BH1_7DT



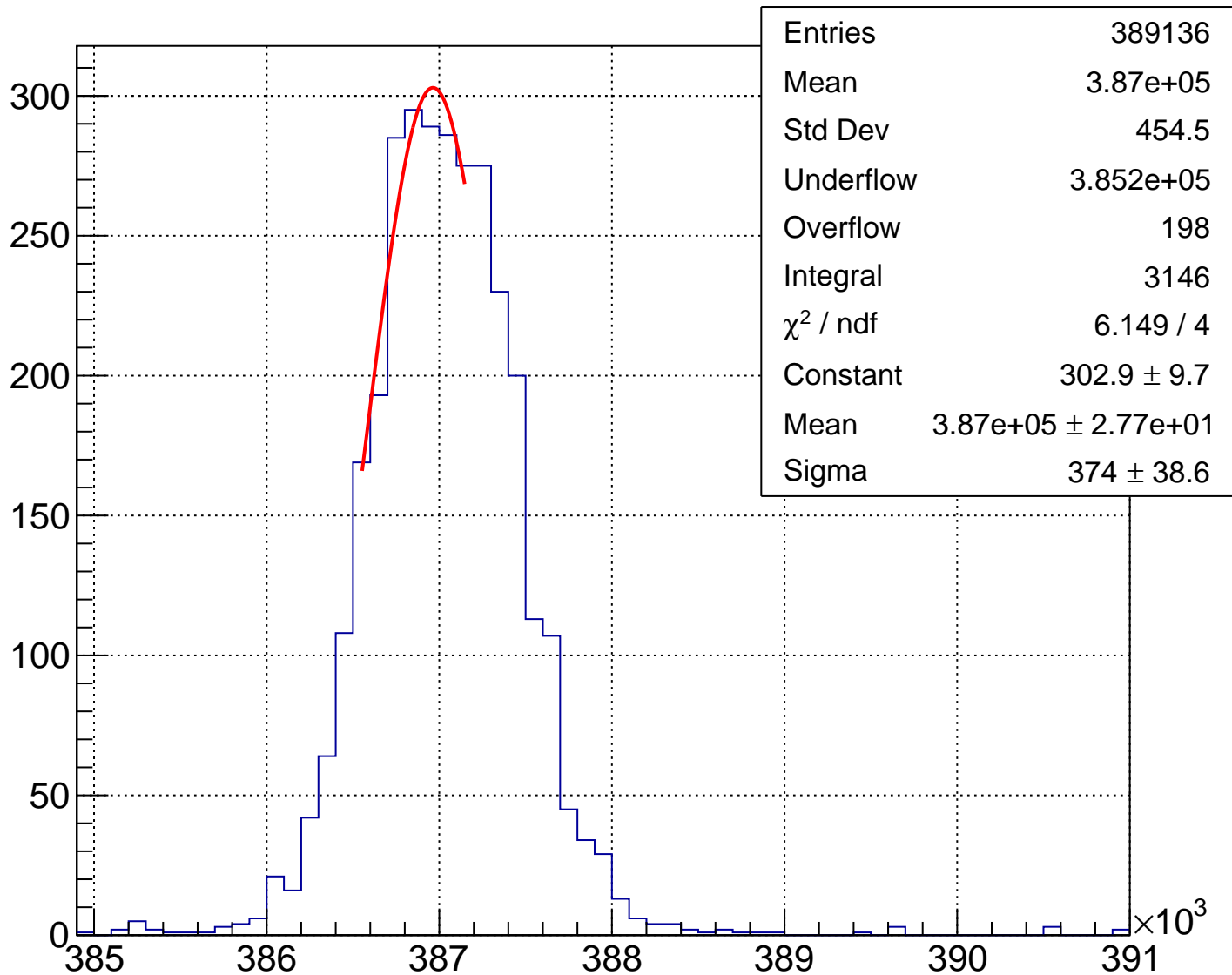
BH1_8DT



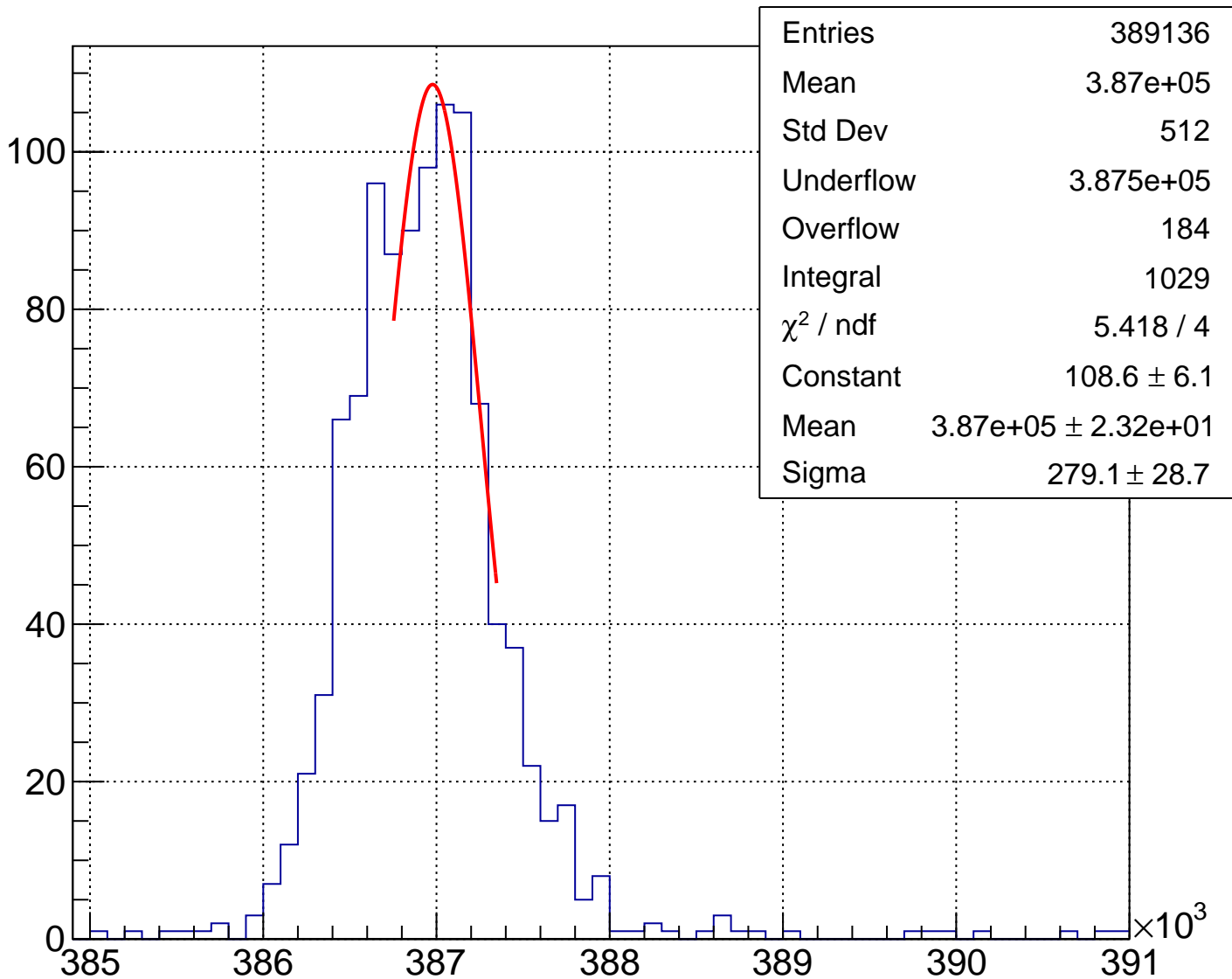
BH1_9DT



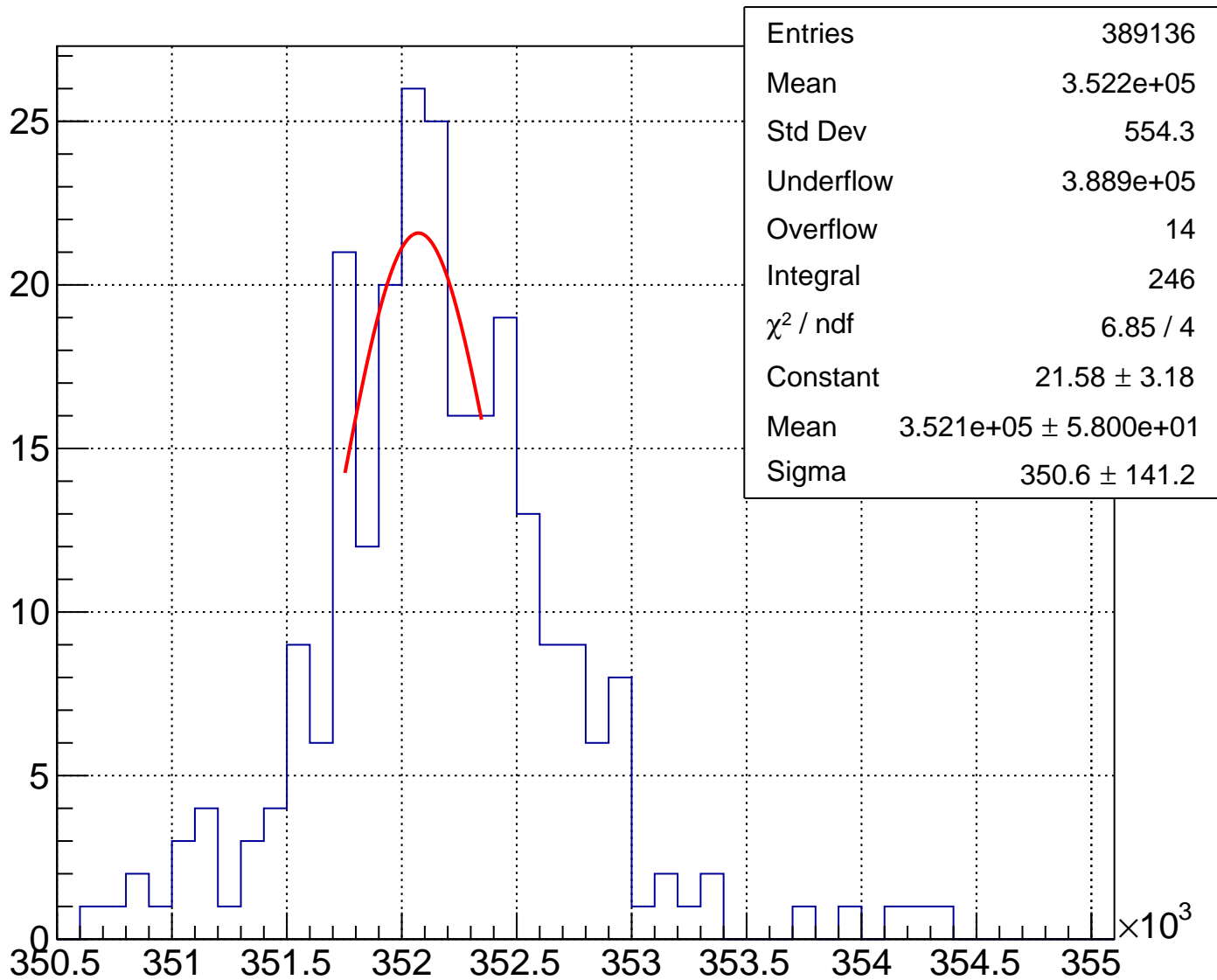
BH1_10DT



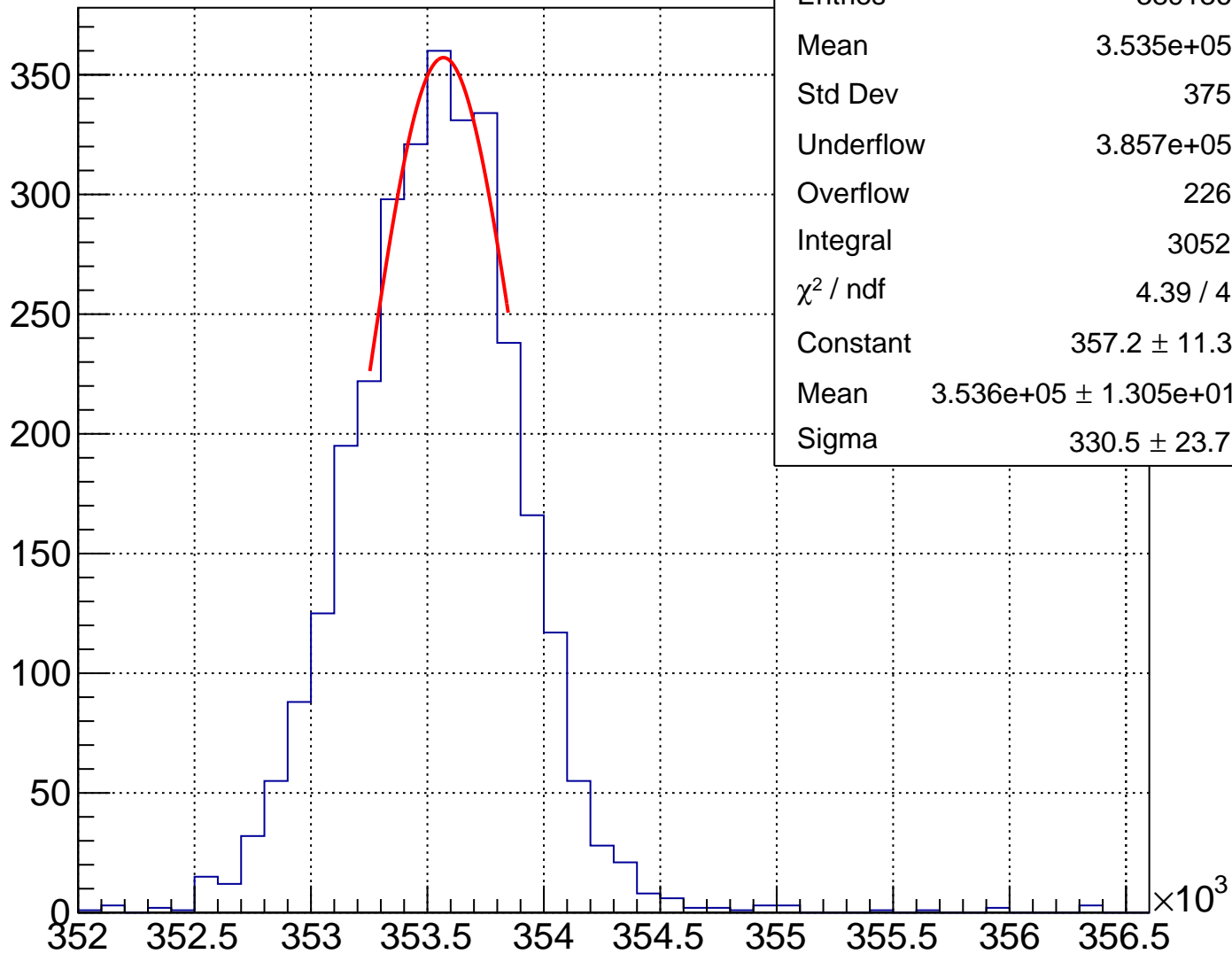
BH1_11DT



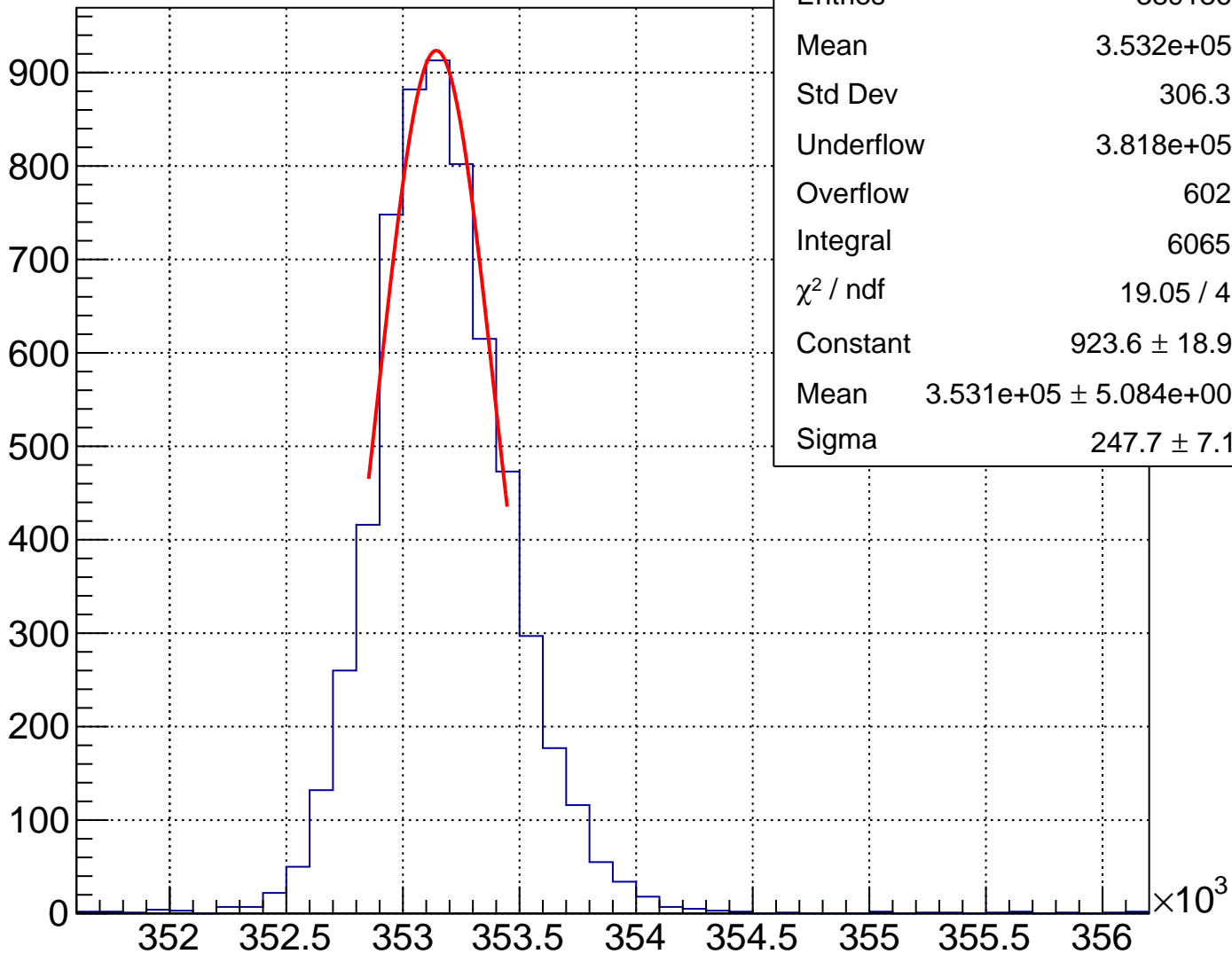
BH2_1UT



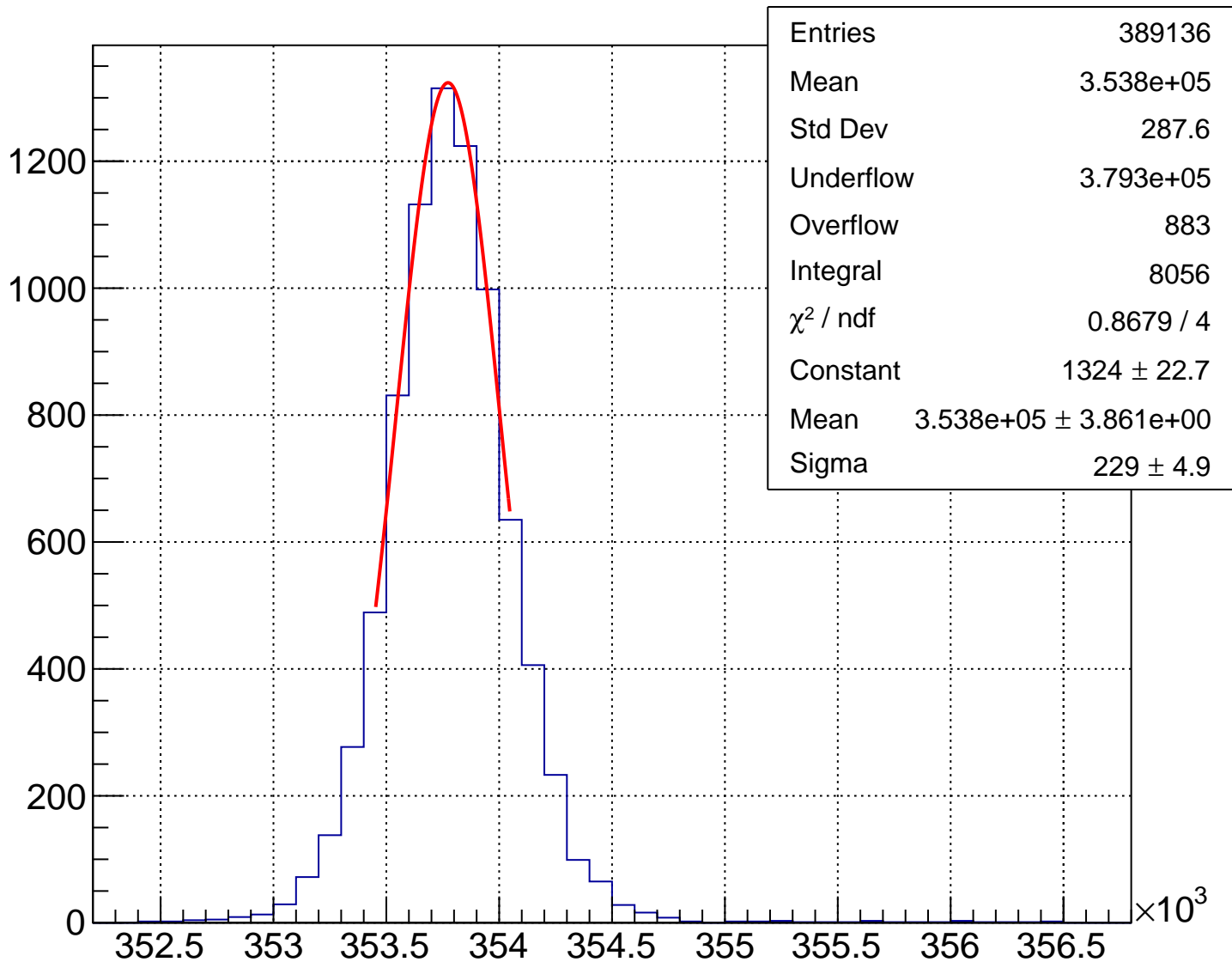
BH2_2UT



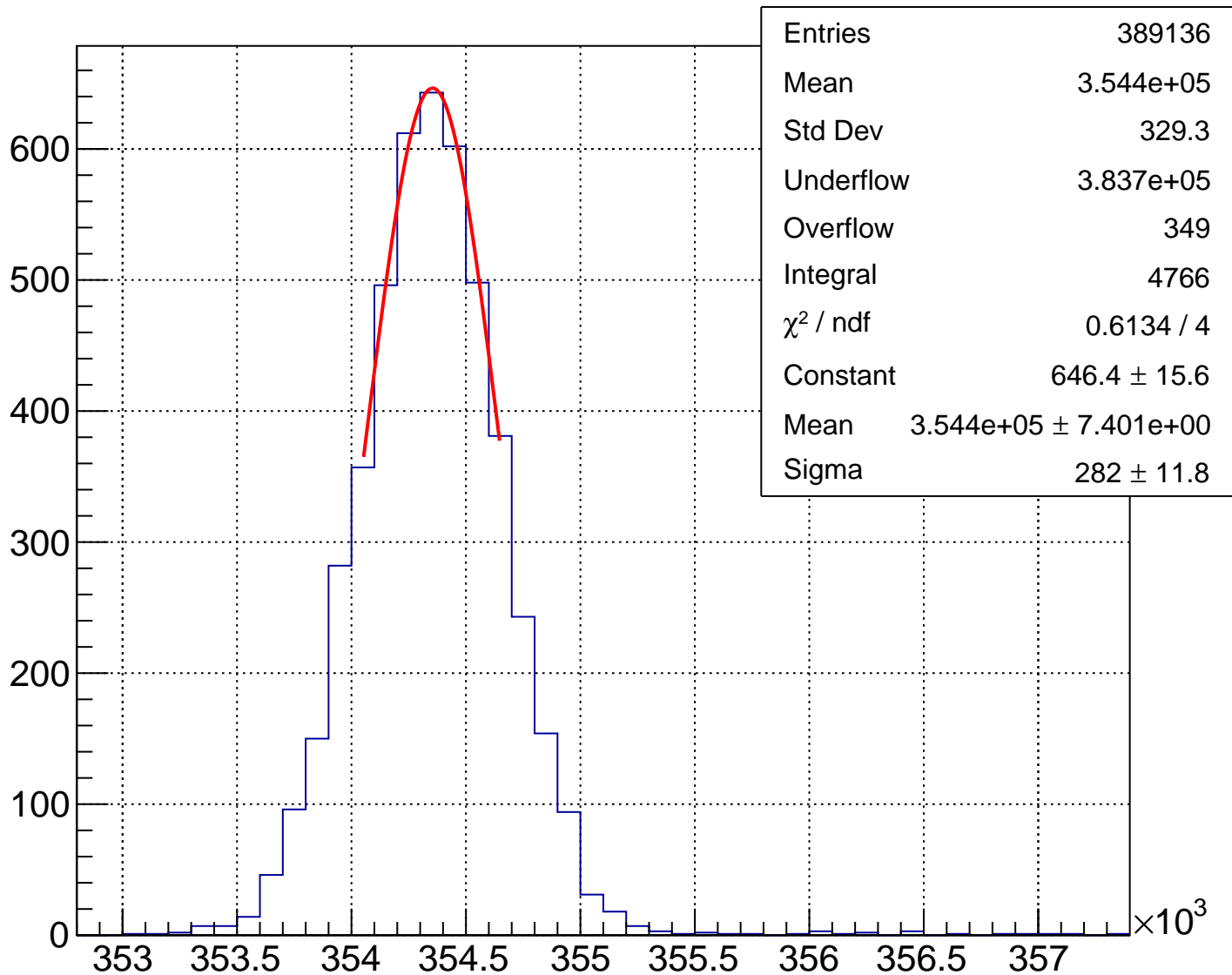
BH2_3UT



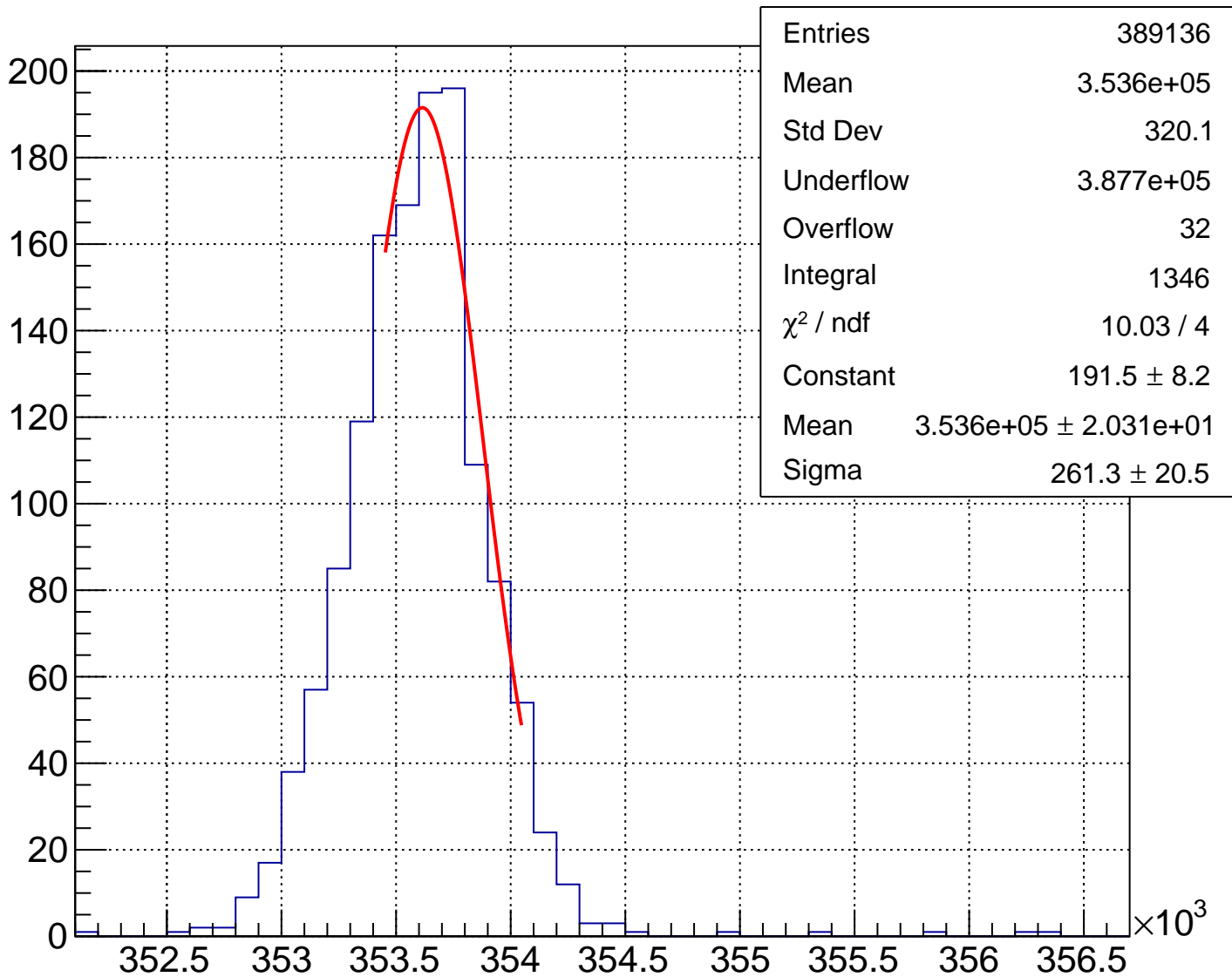
BH2_4UT



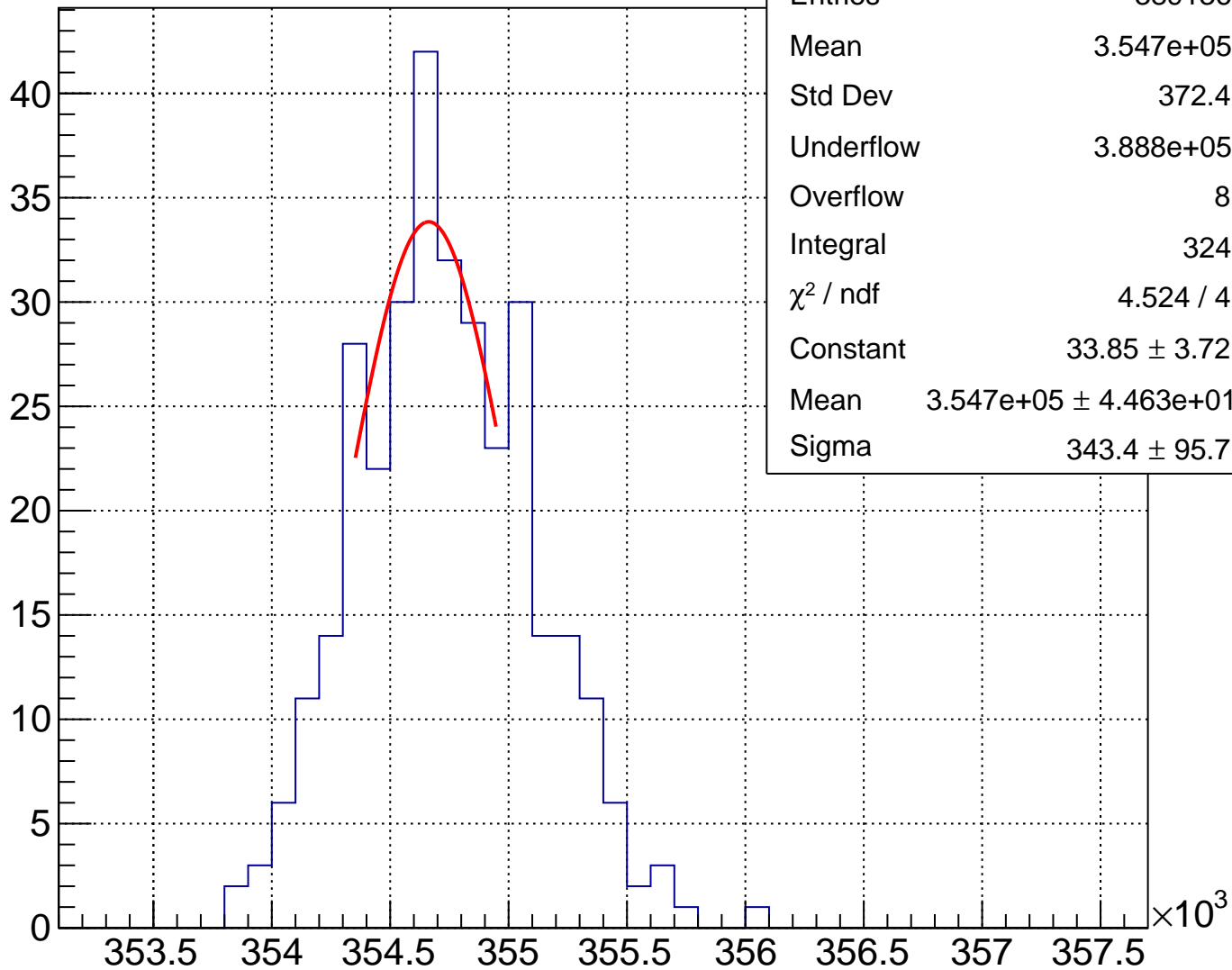
BH2_5UT



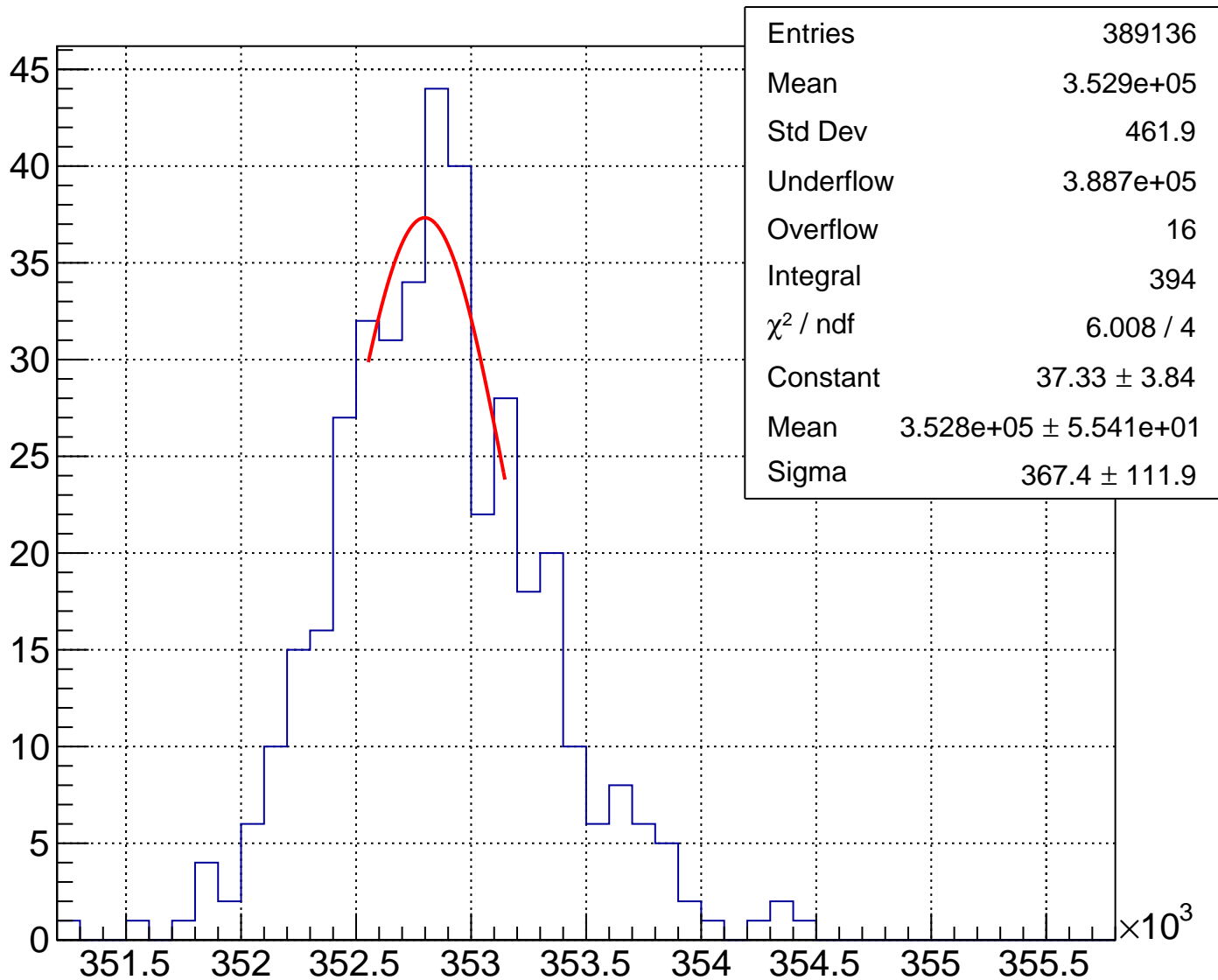
BH2_6UT



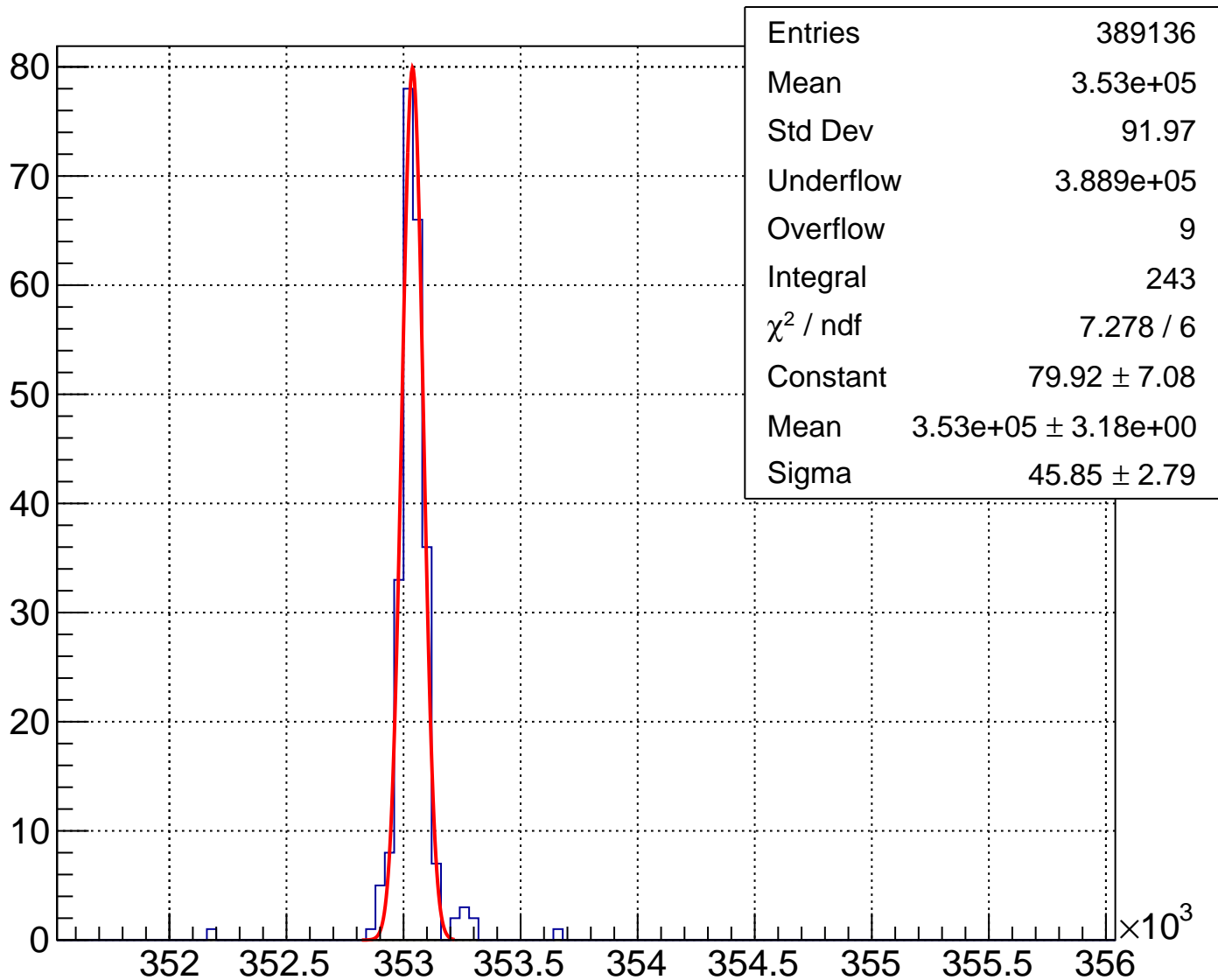
BH2_7UT



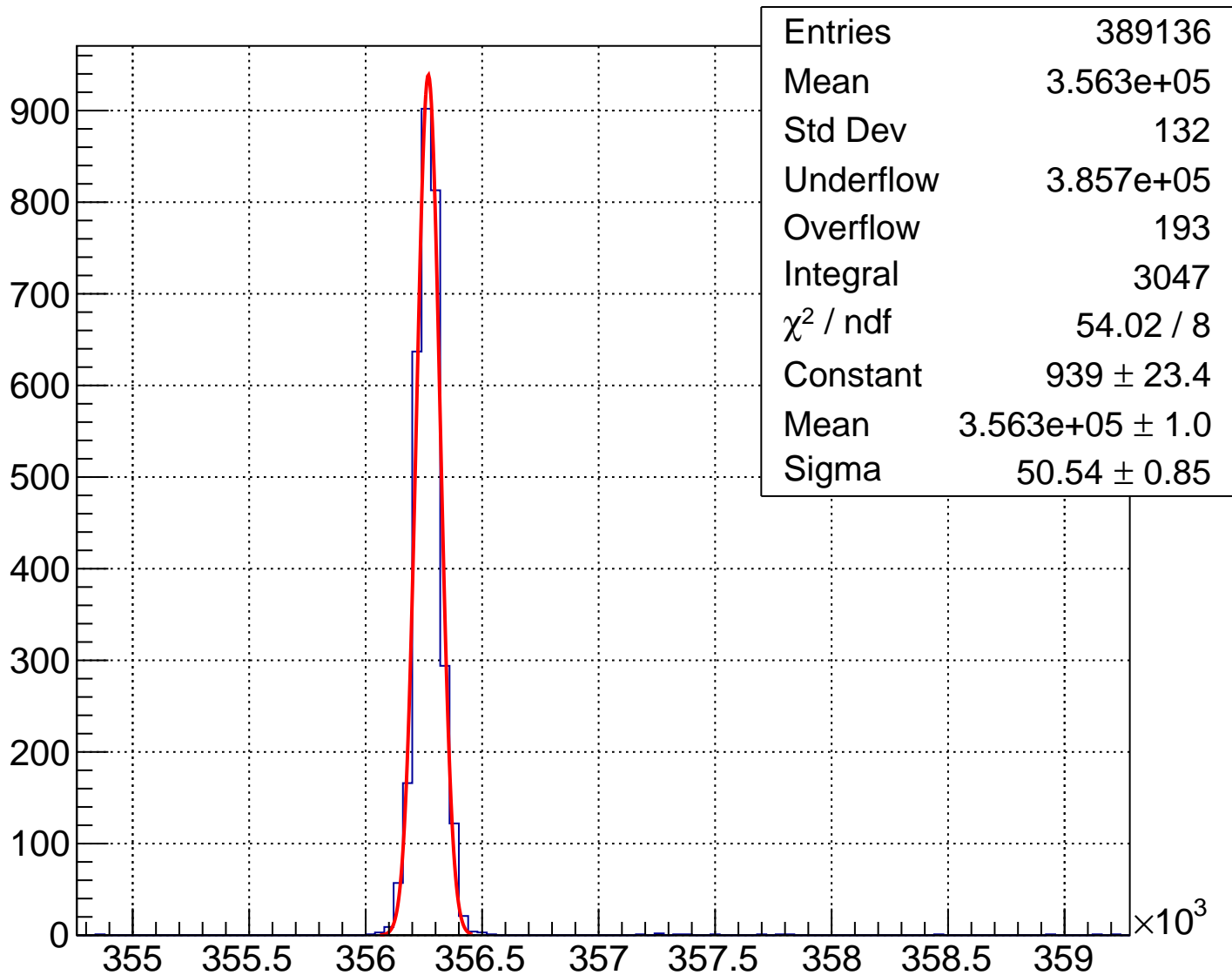
BH2_8UT



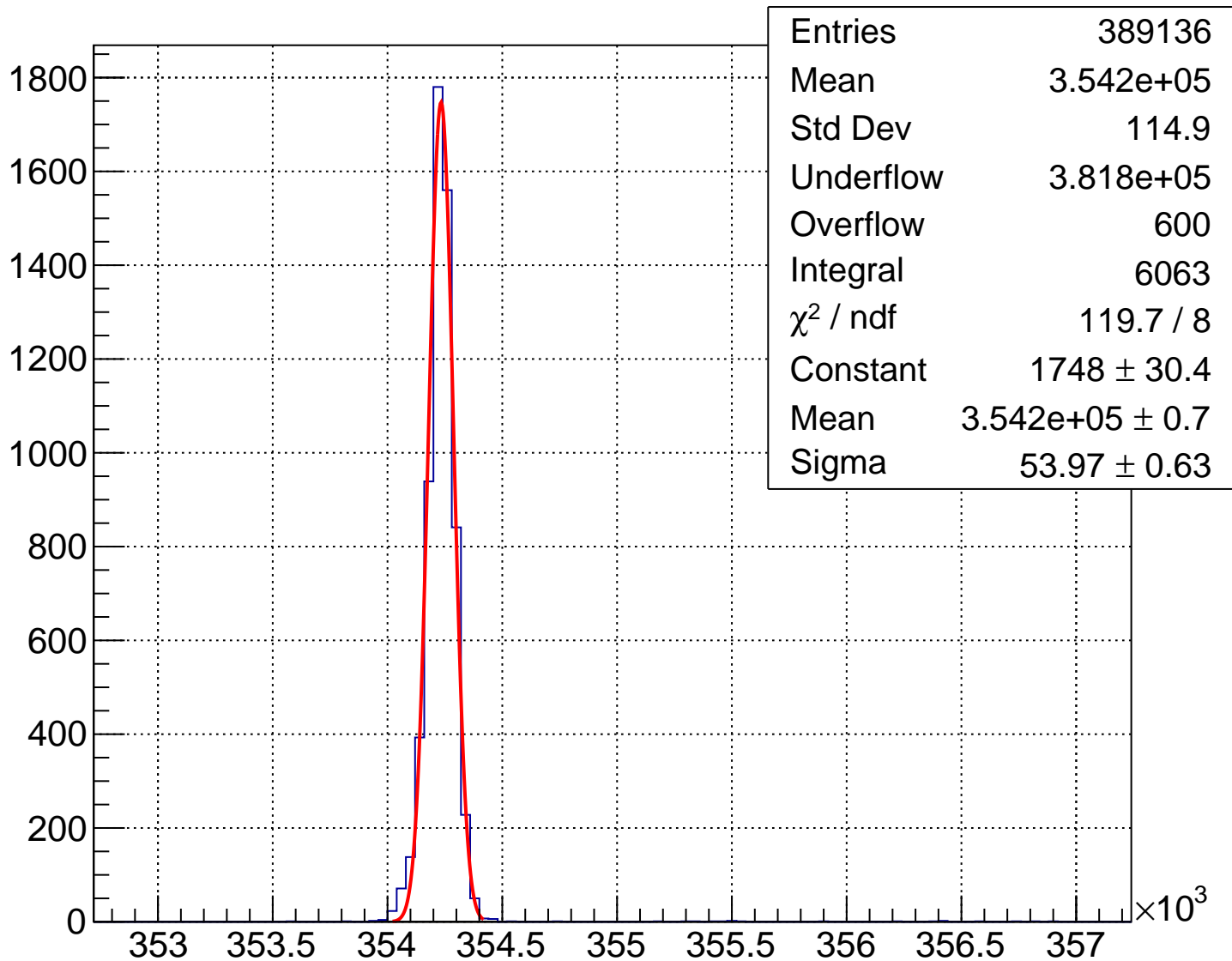
BH2_1DT



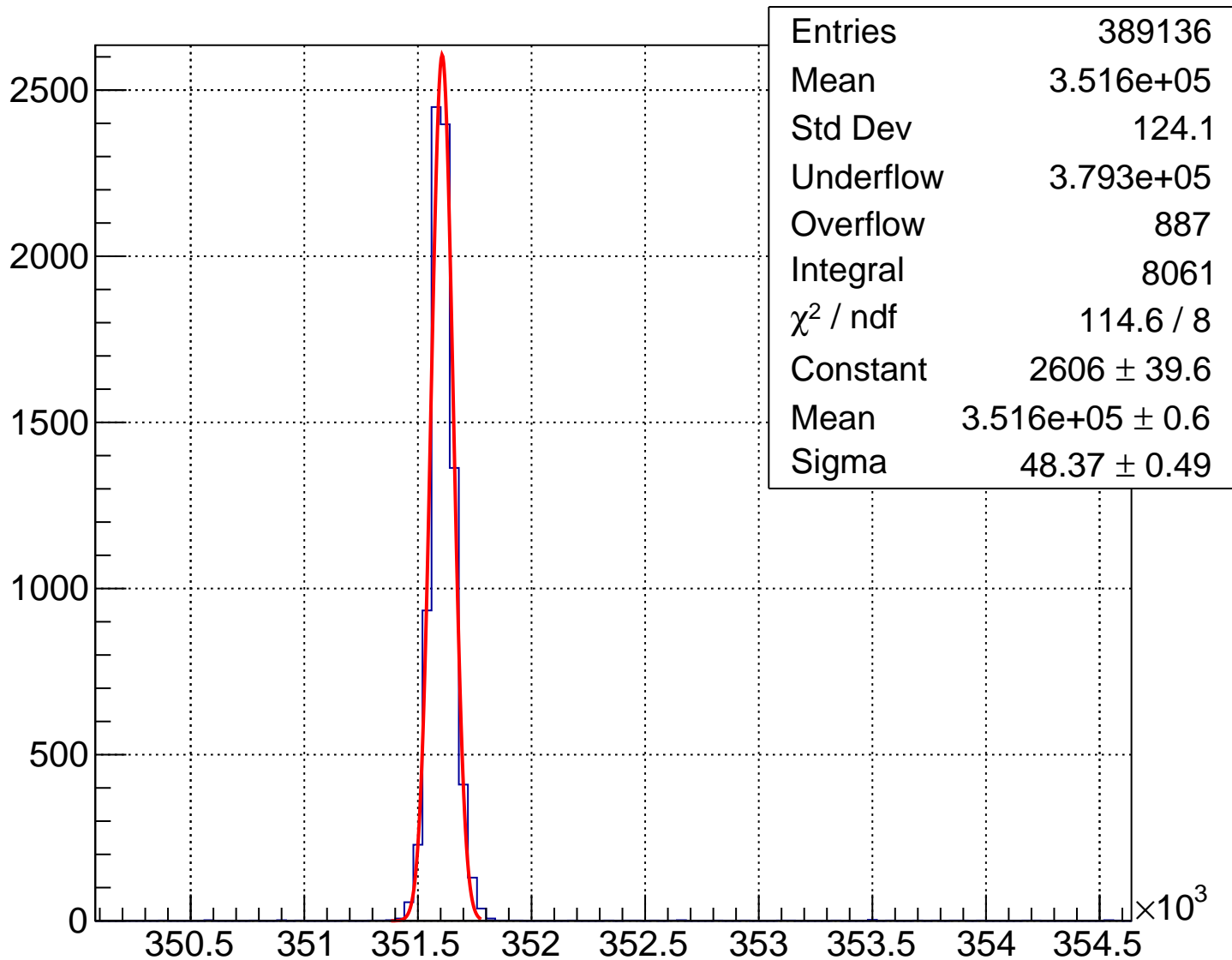
BH2_2DT



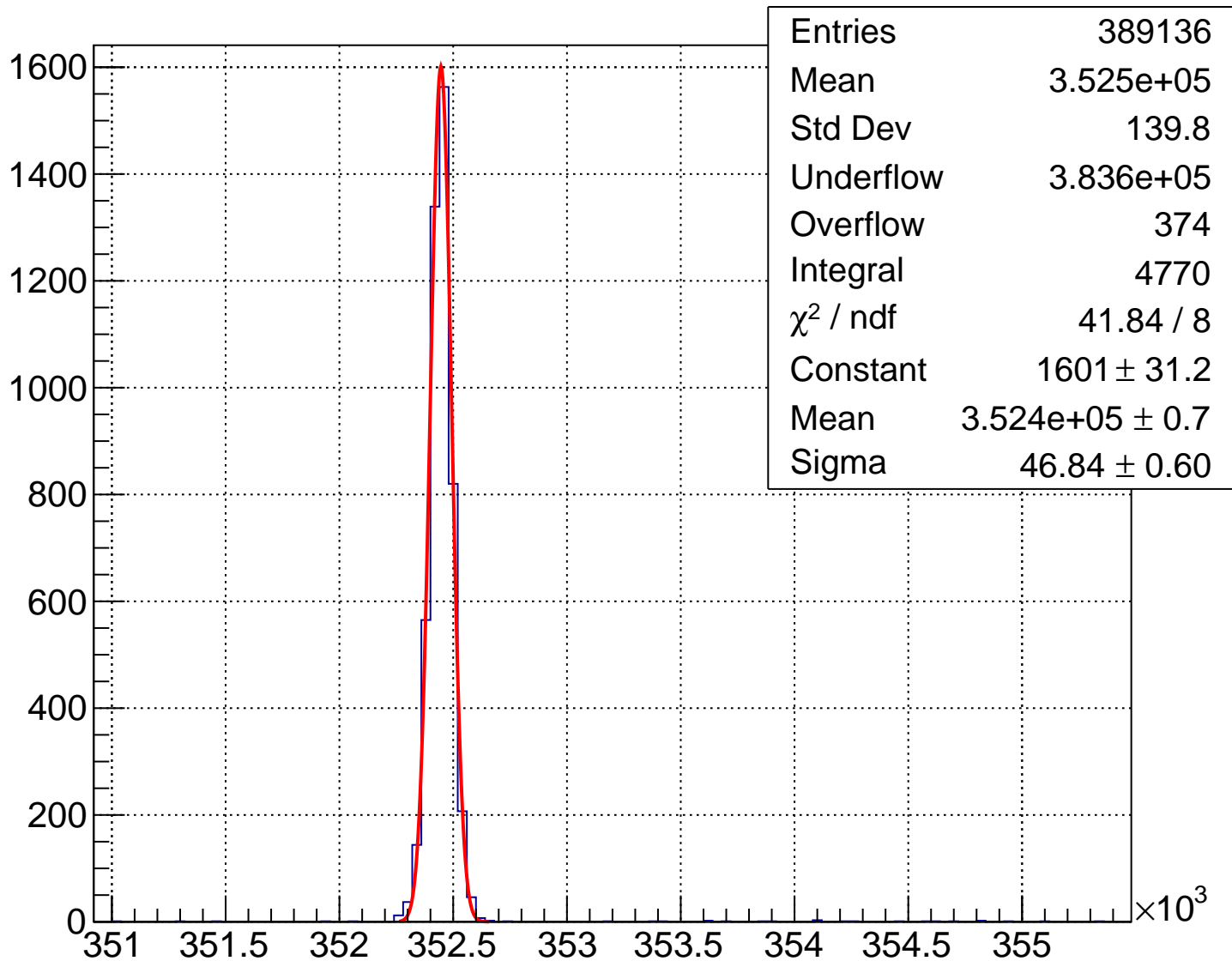
BH2_3DT



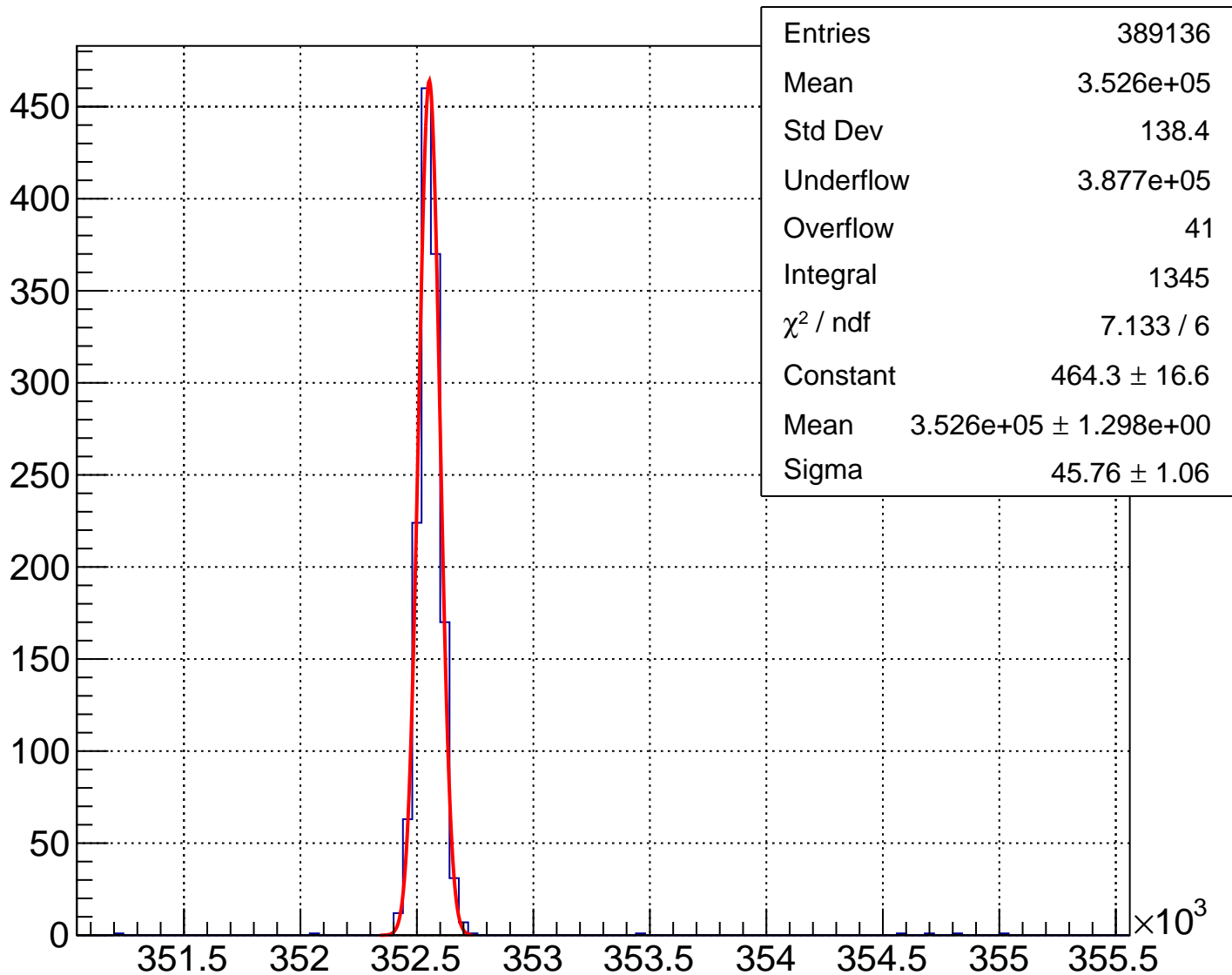
BH2_4DT



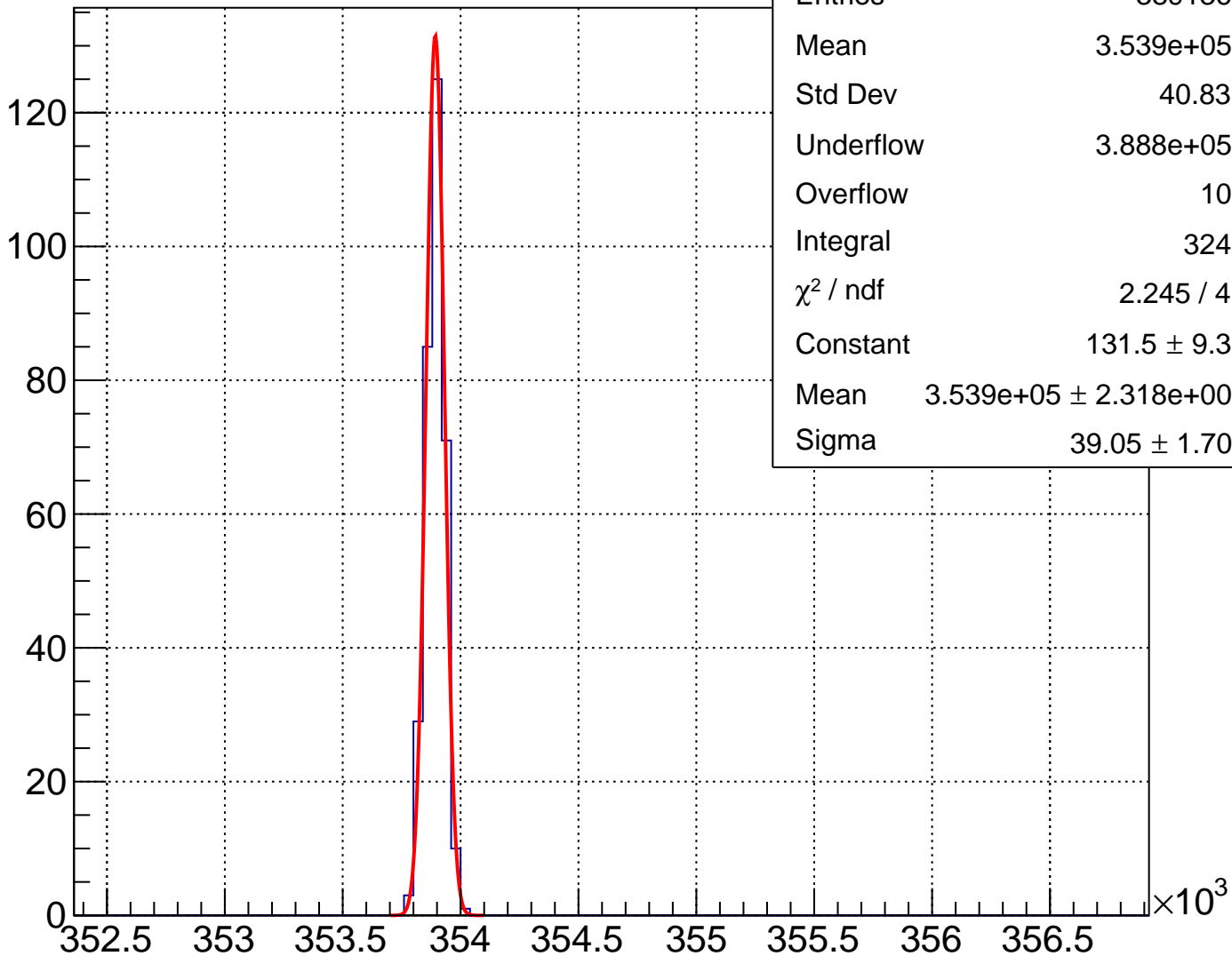
BH2_5DT



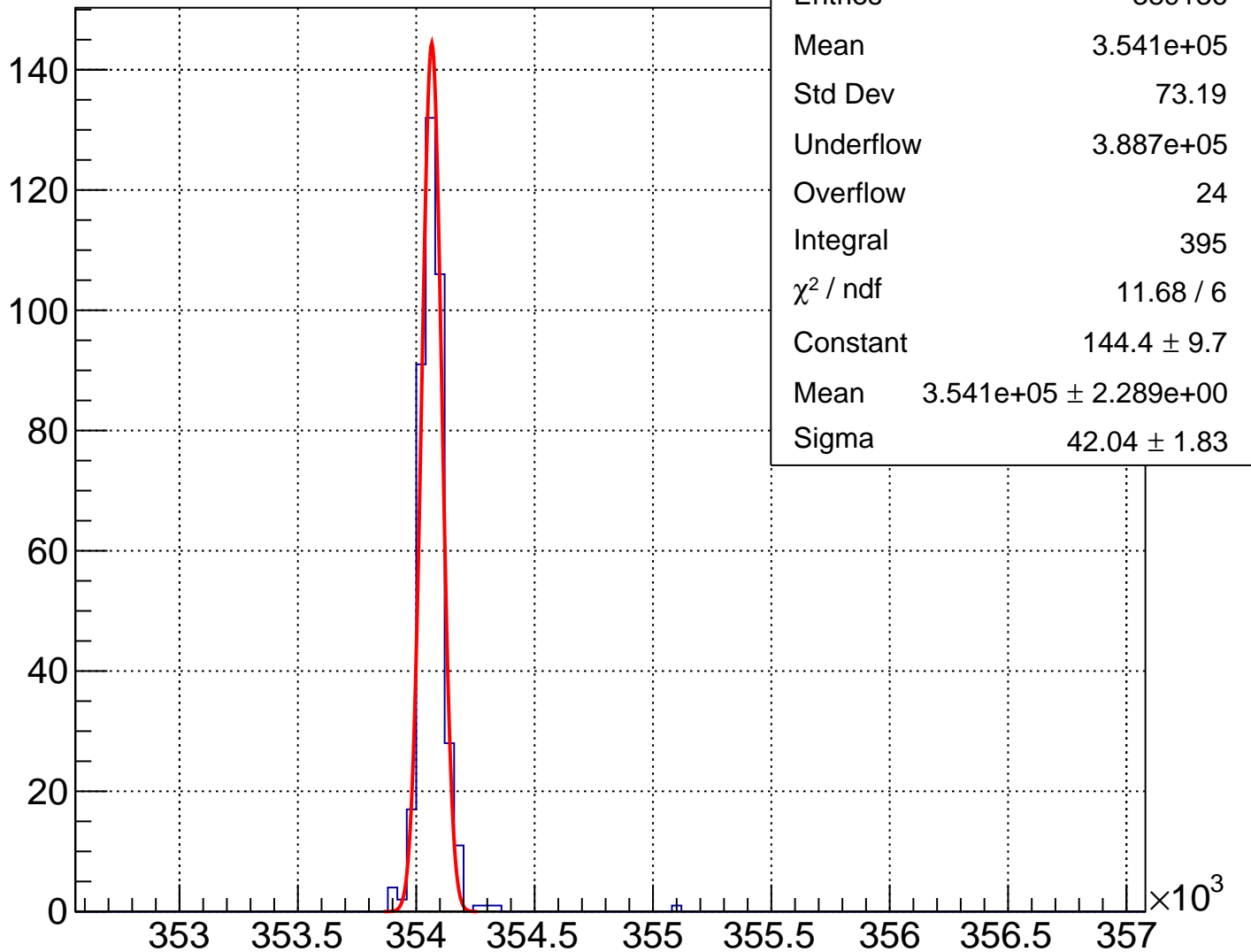
BH2_6DT



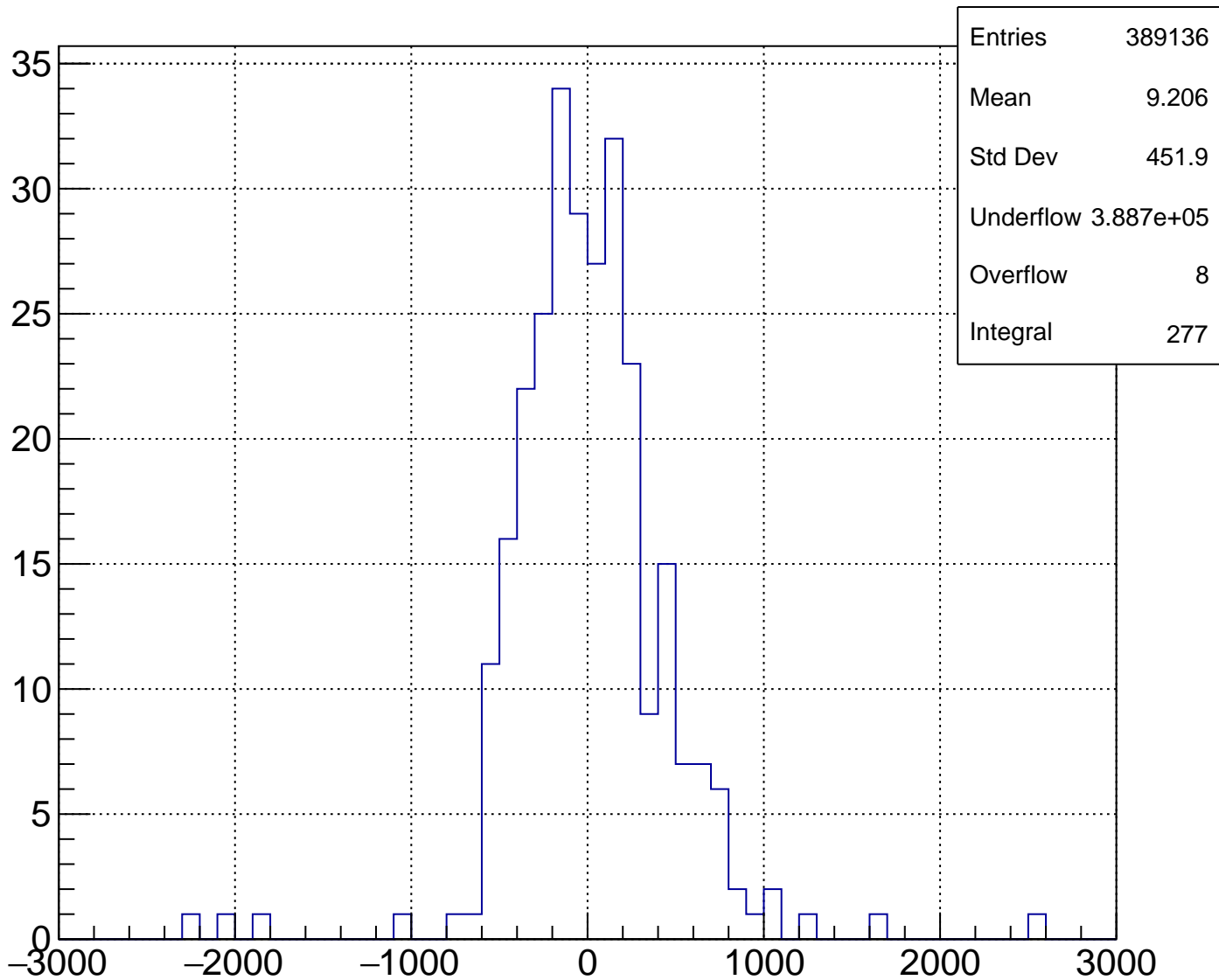
BH2_7DT



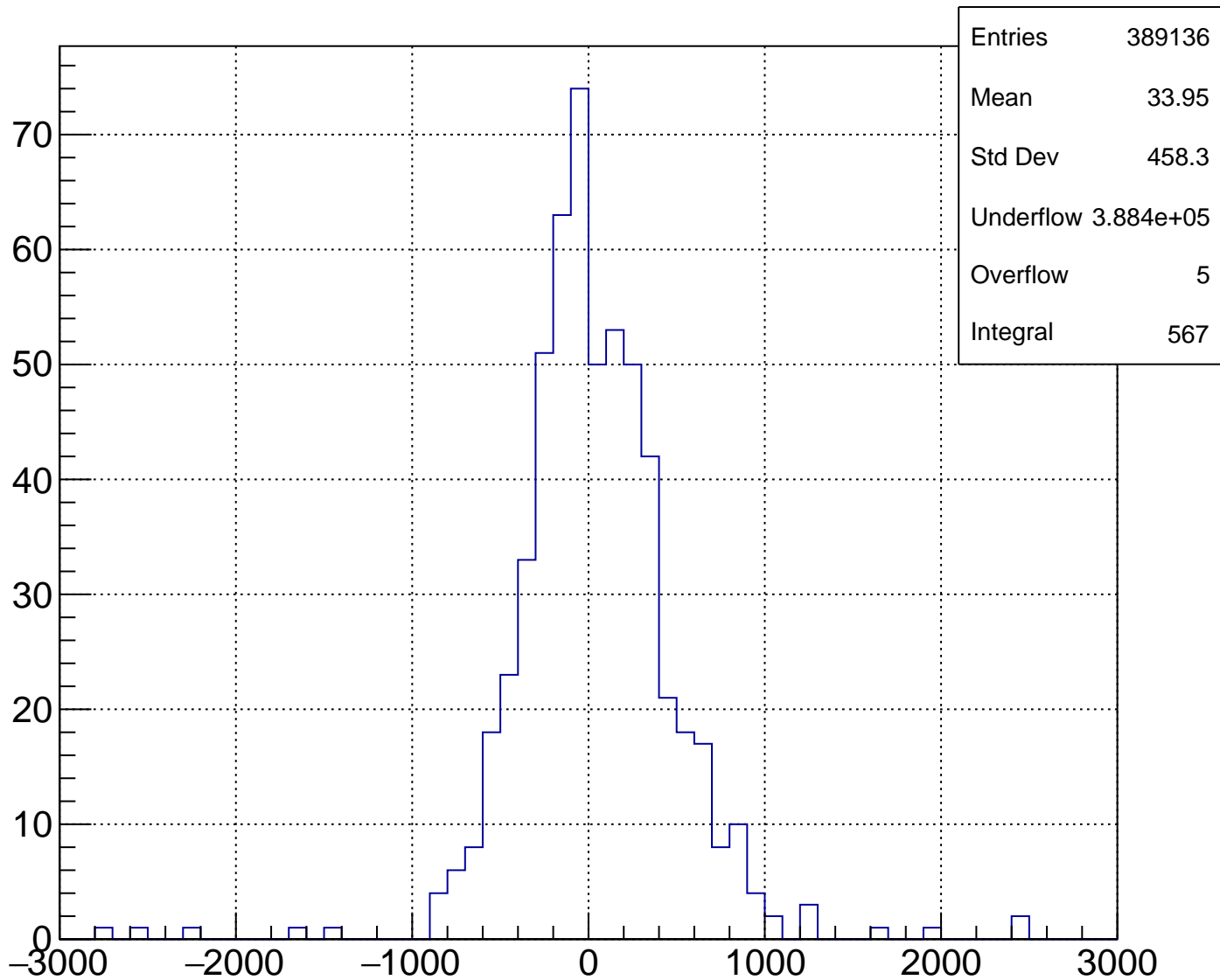
BH2_8DT



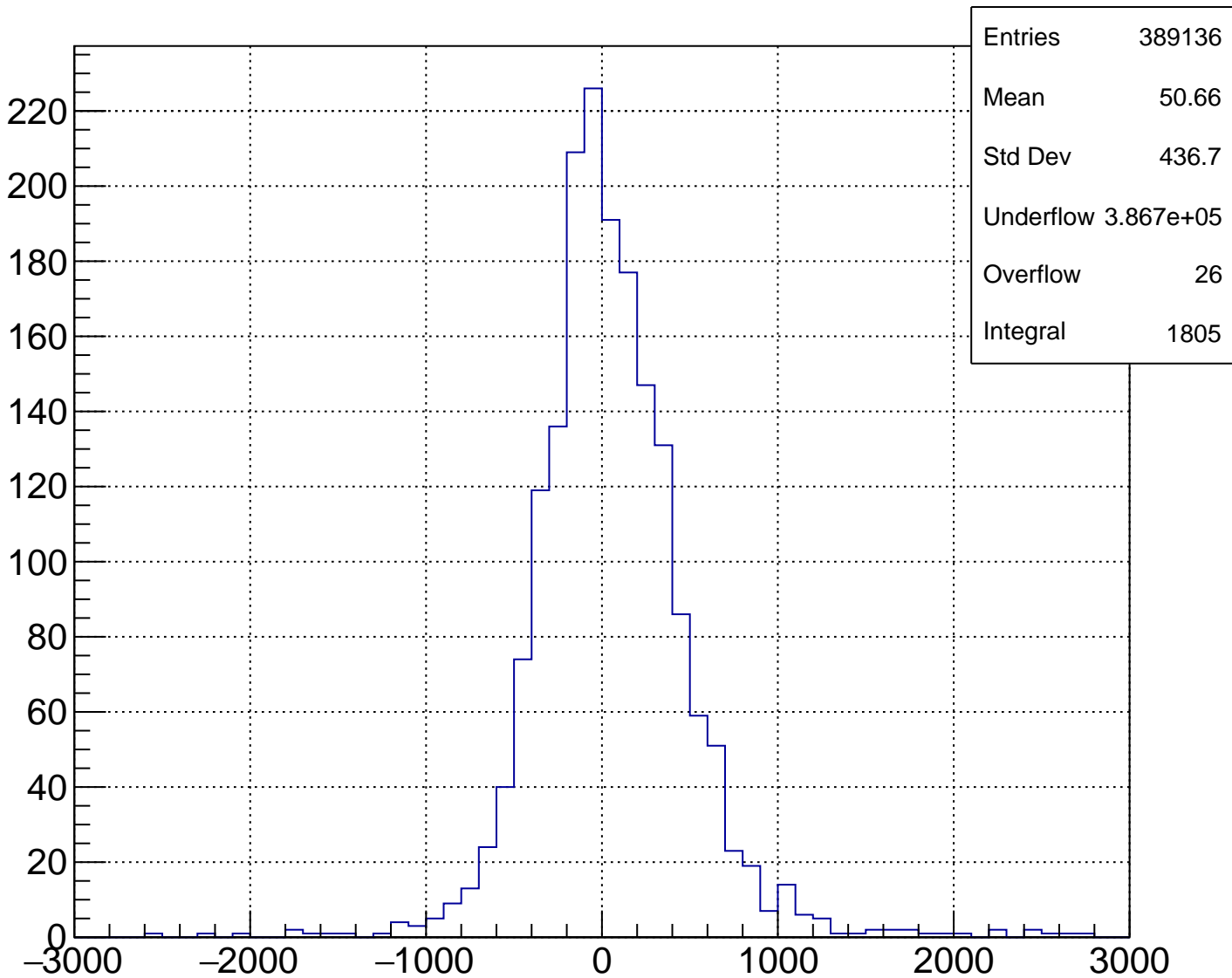
BH1_1UT0



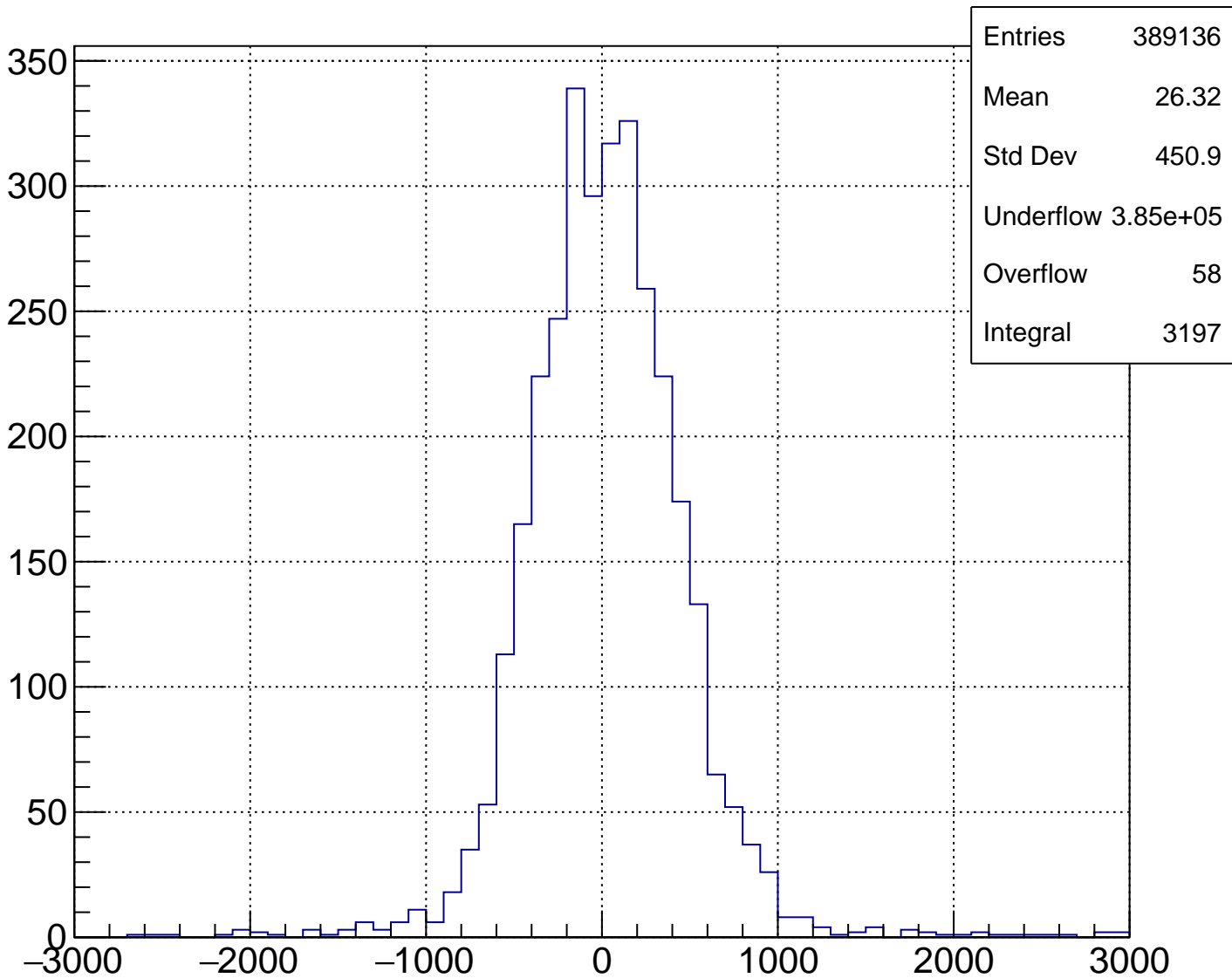
BH1_2UT0



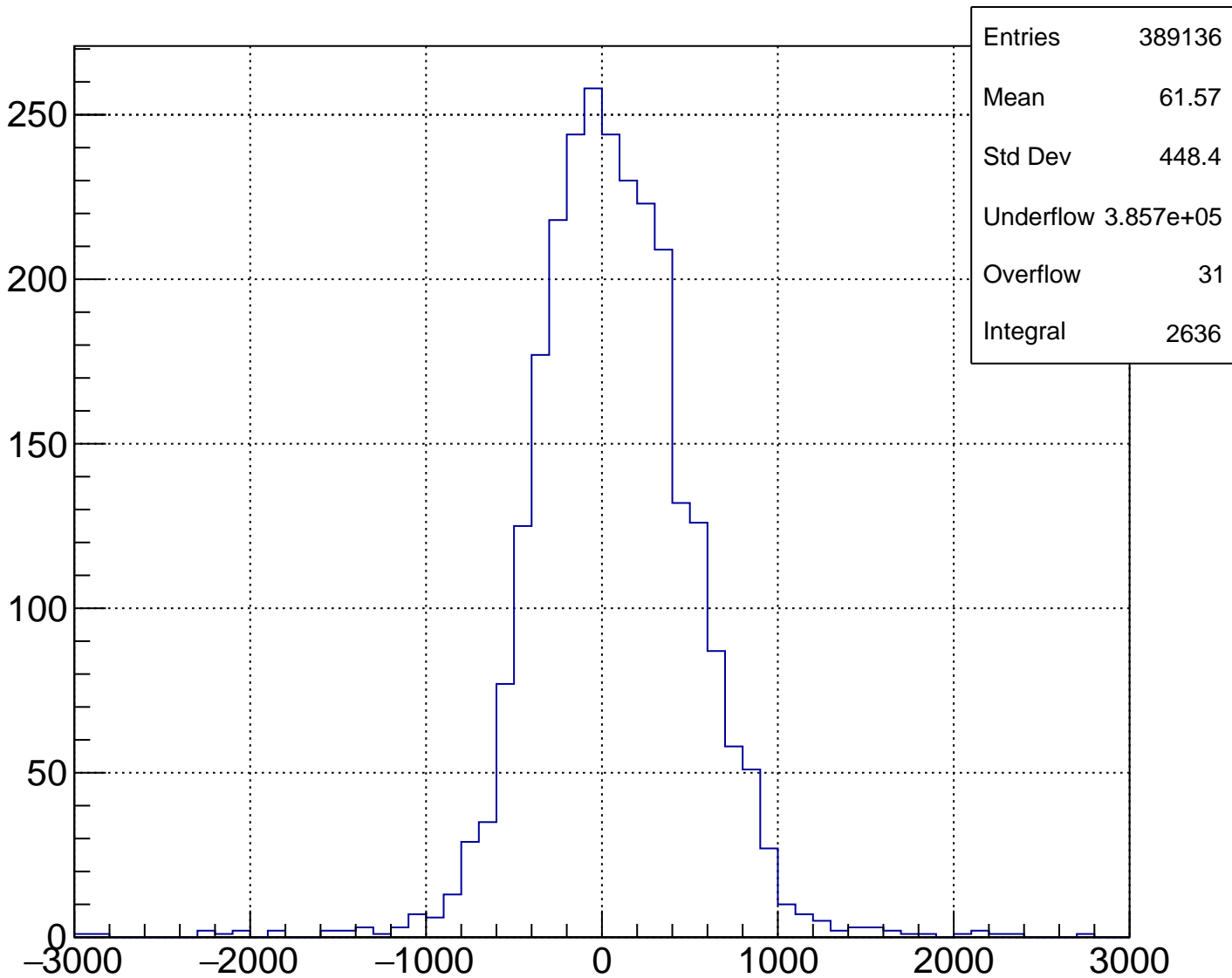
BH1_3UT0



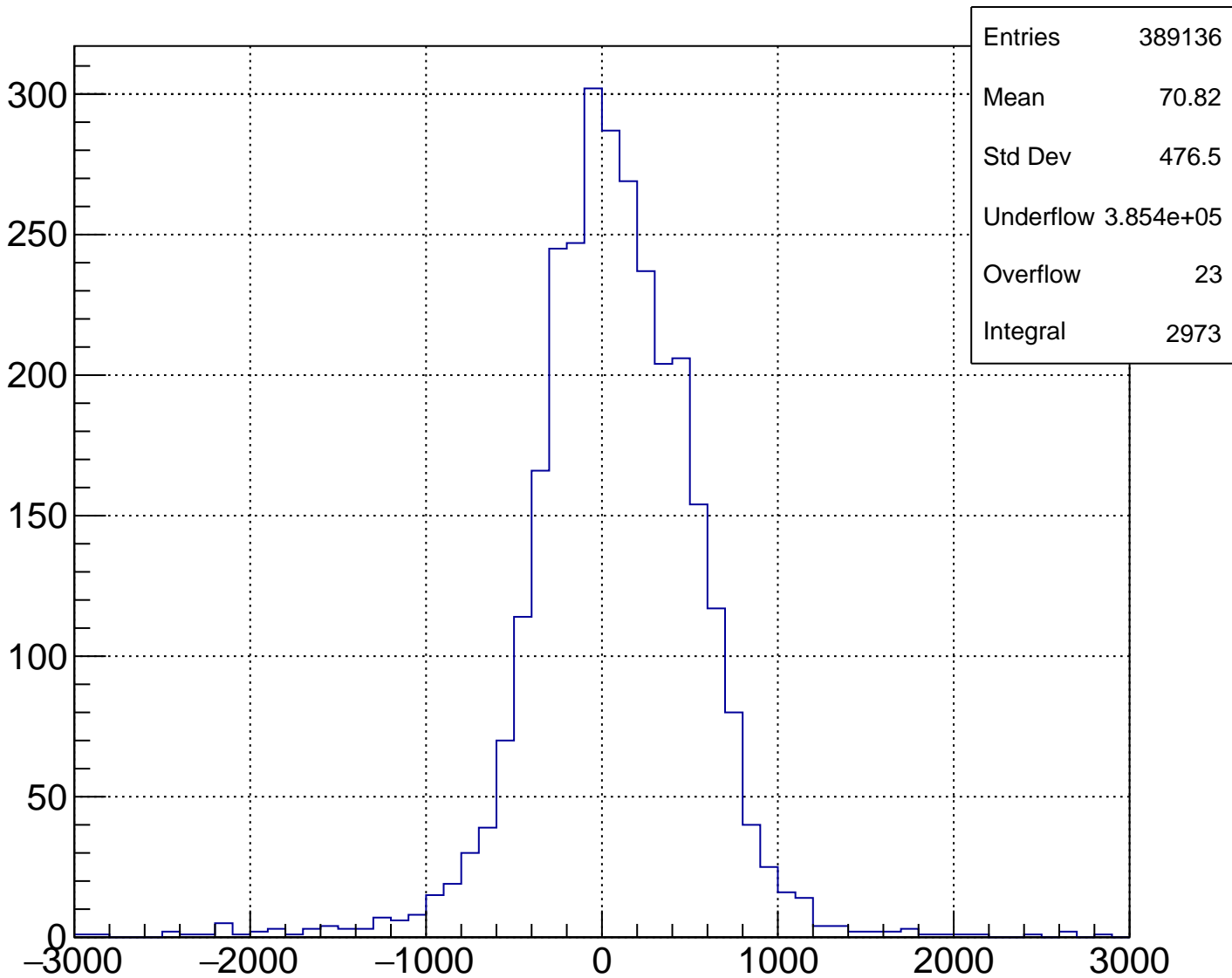
BH1_4UT0



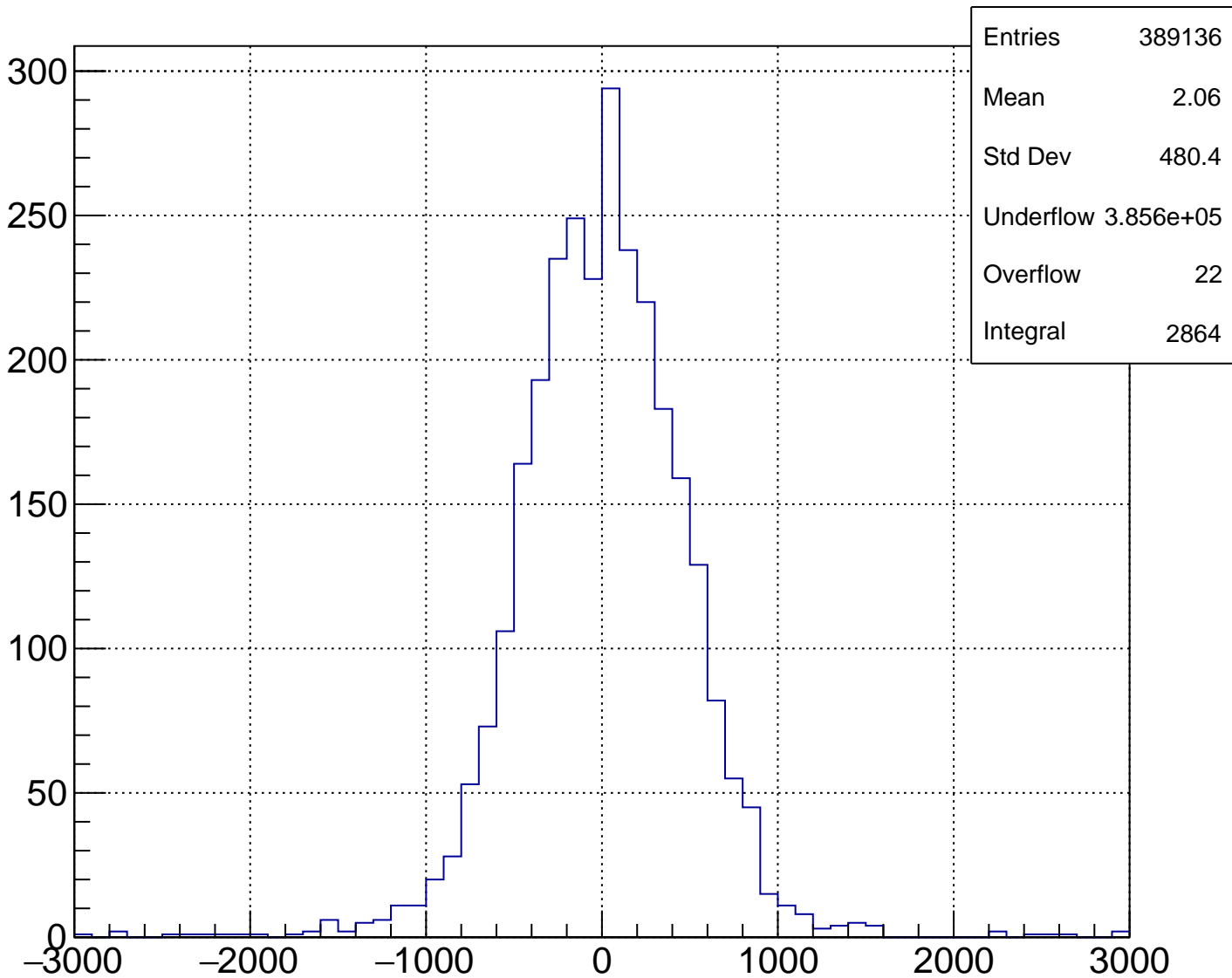
BH1_5UT0



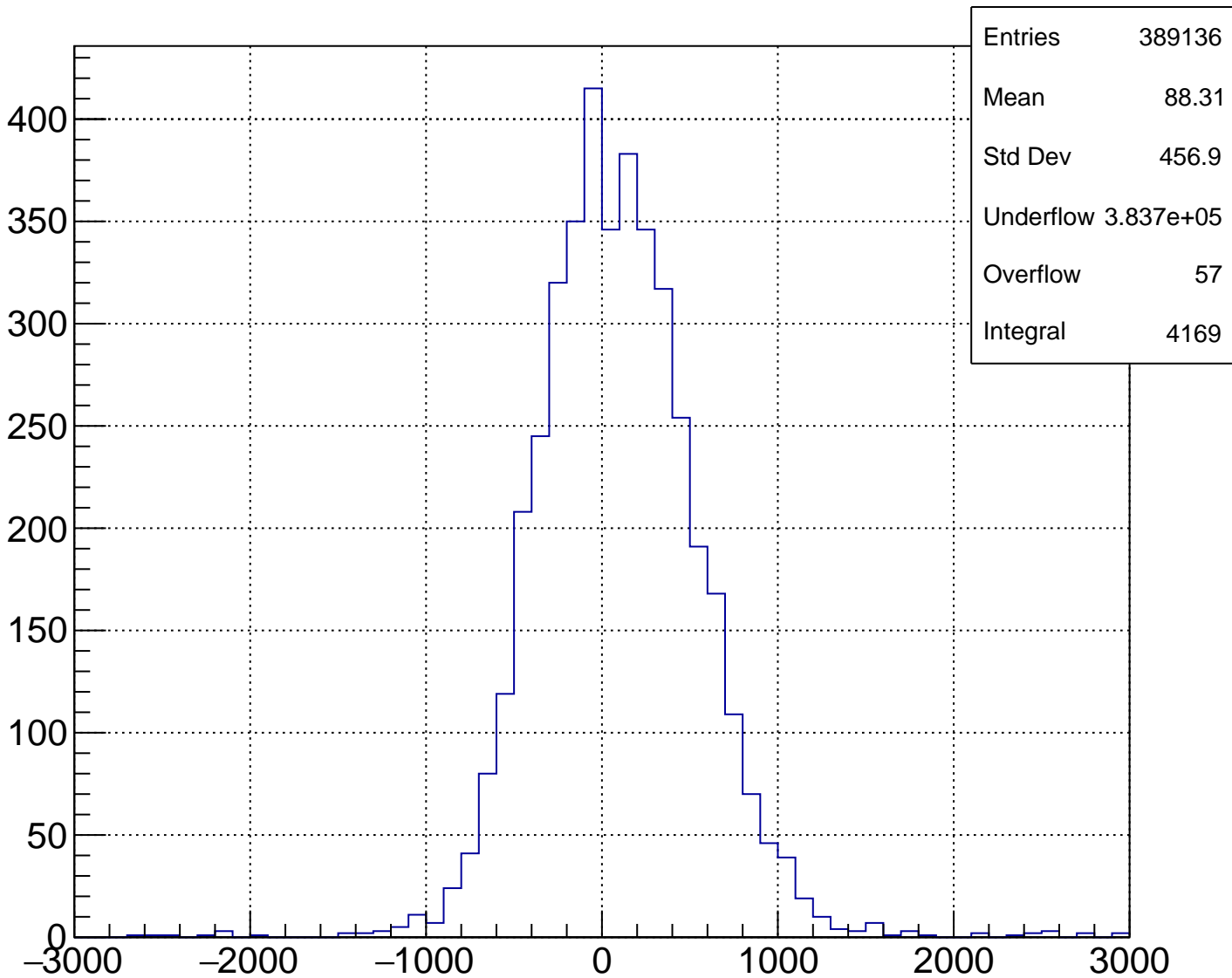
BH1_6UT0



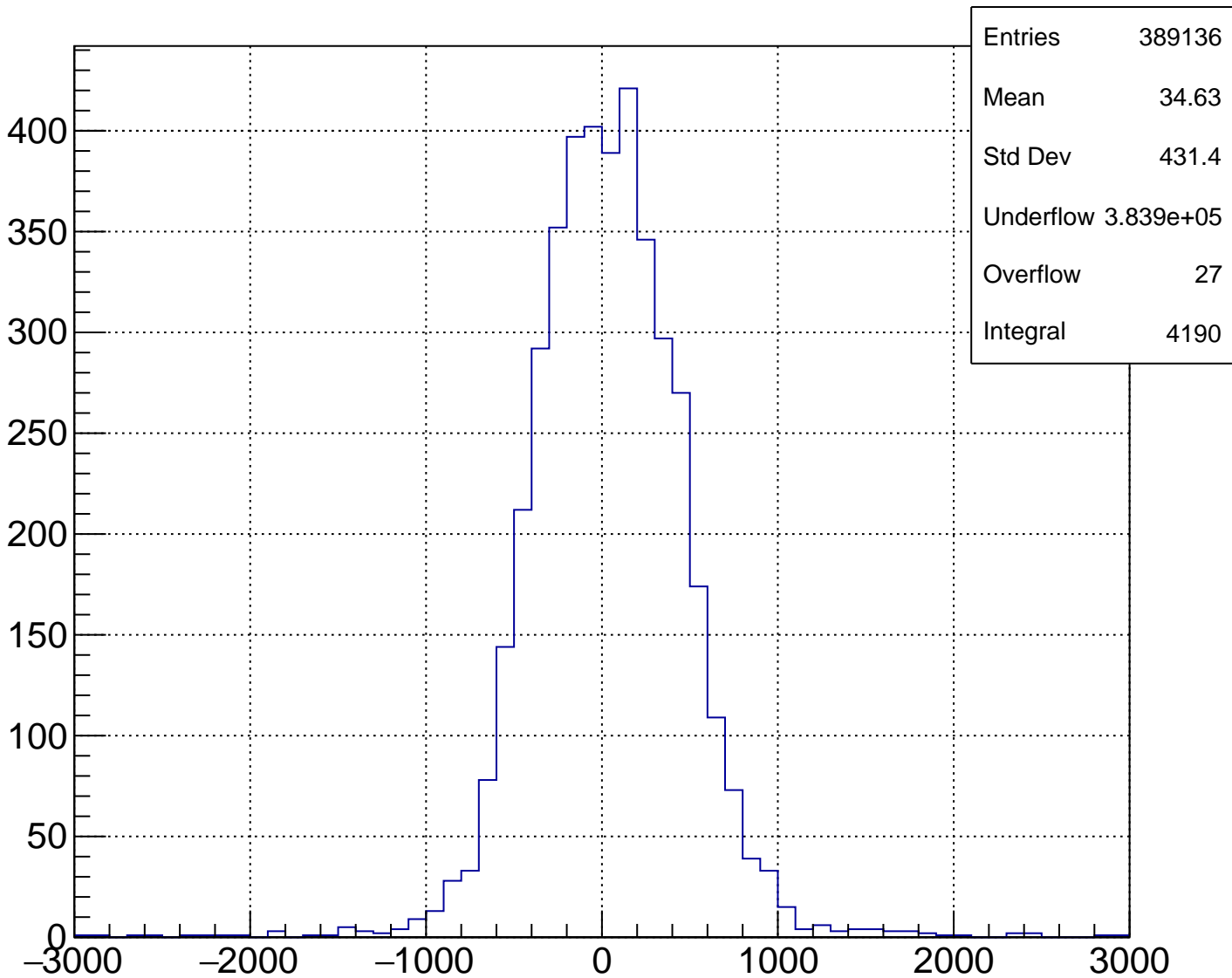
BH1_7UT0



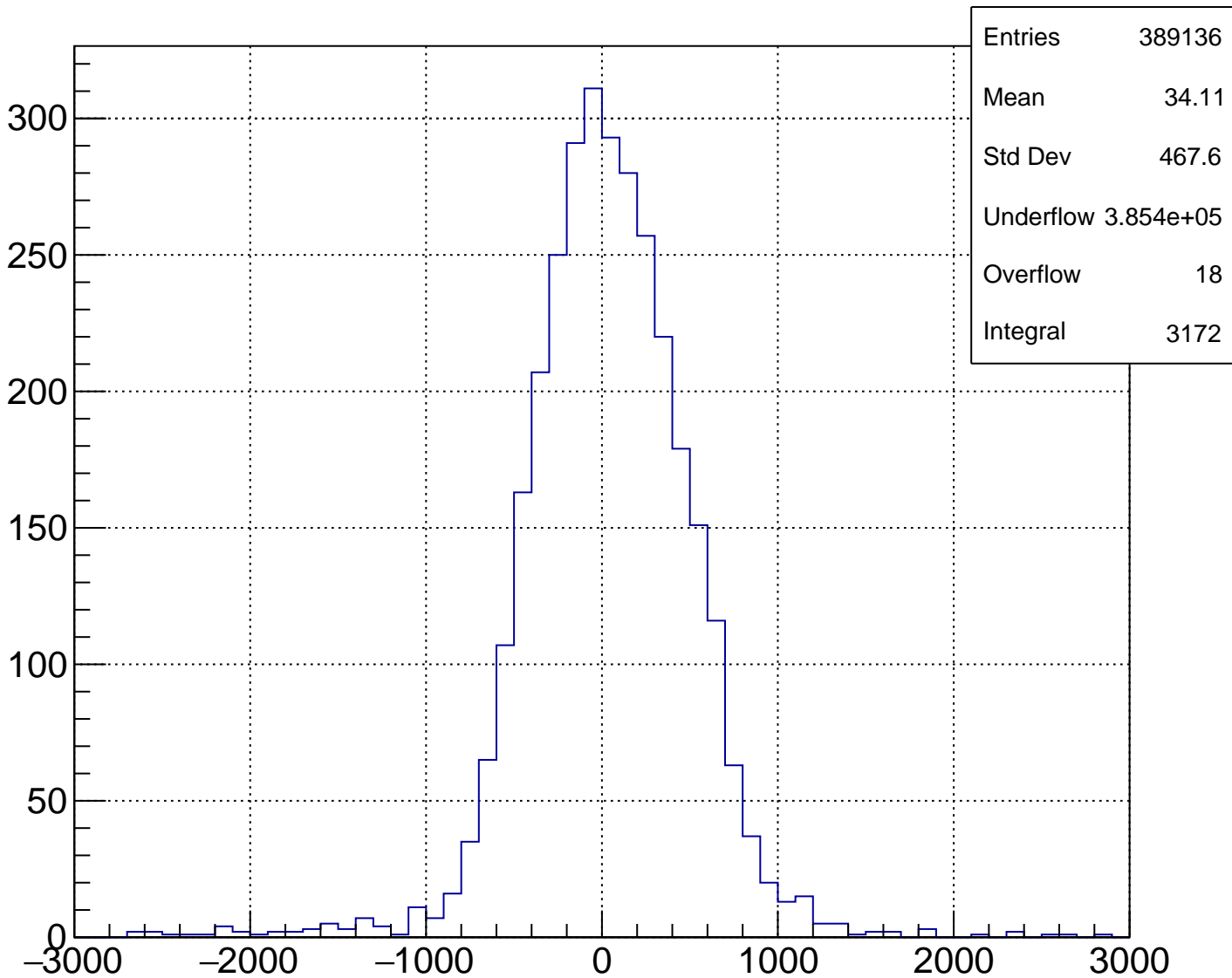
BH1_8UT0



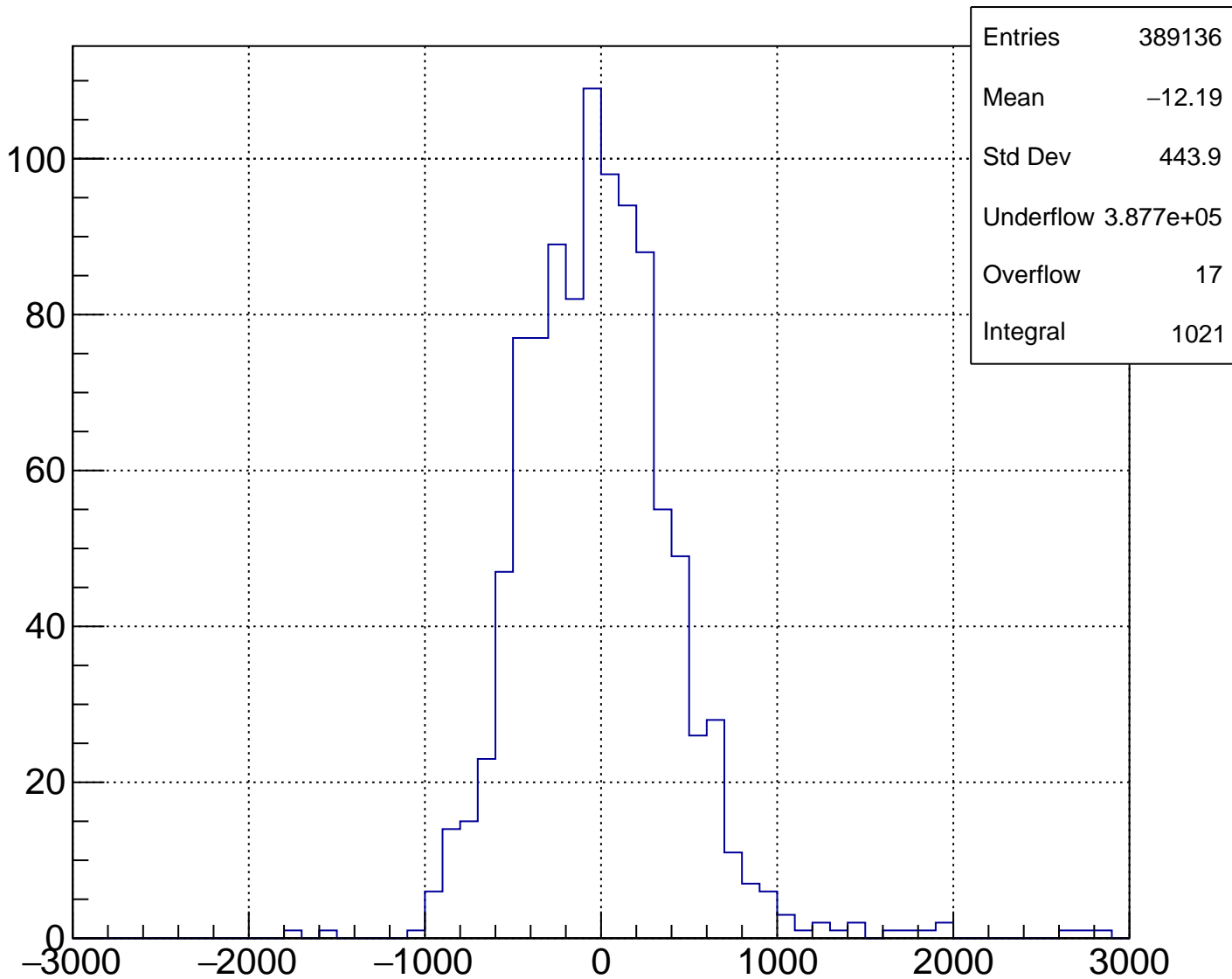
BH1_9UT0



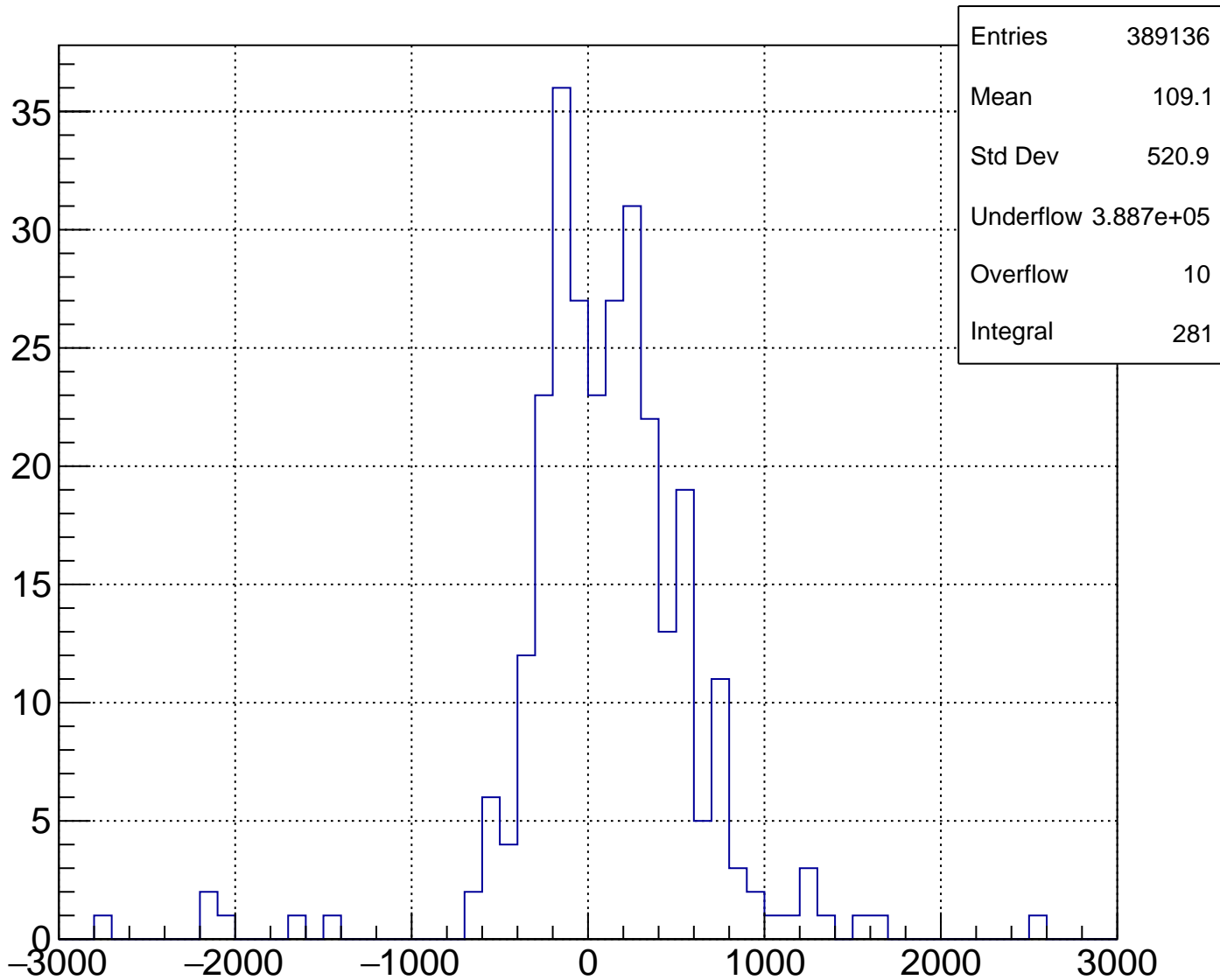
BH1_10UT0



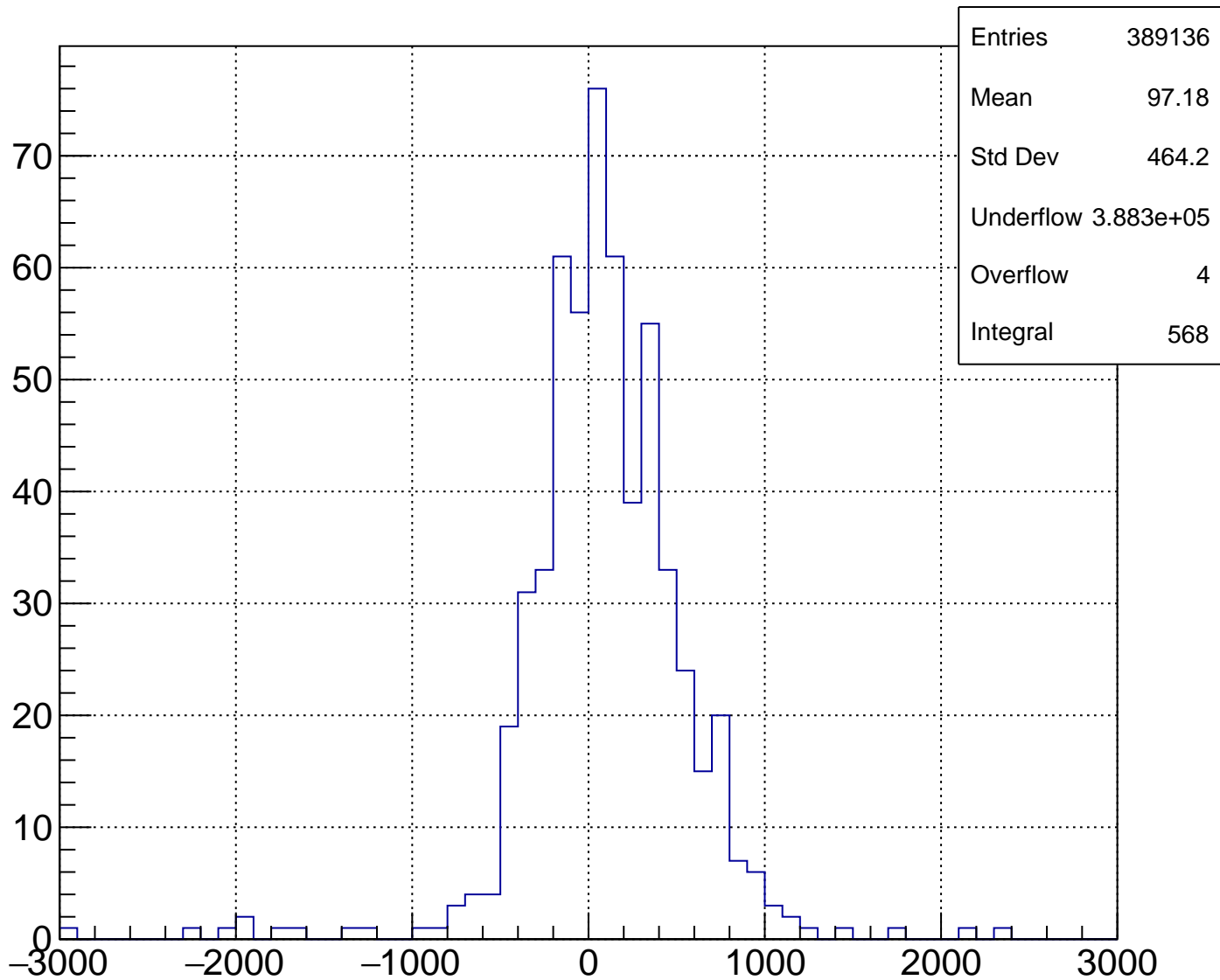
BH1_11UT0



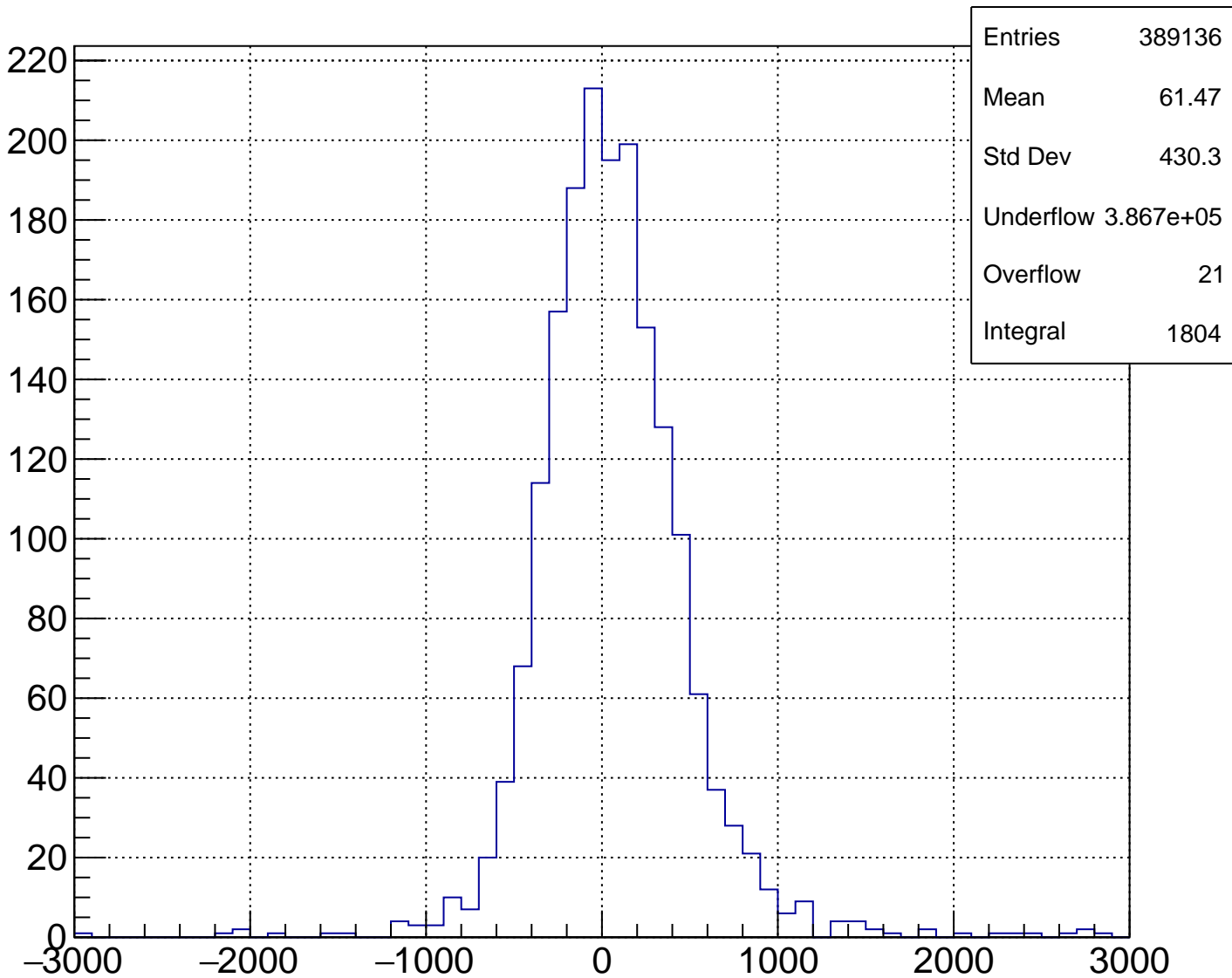
BH1_1DT0



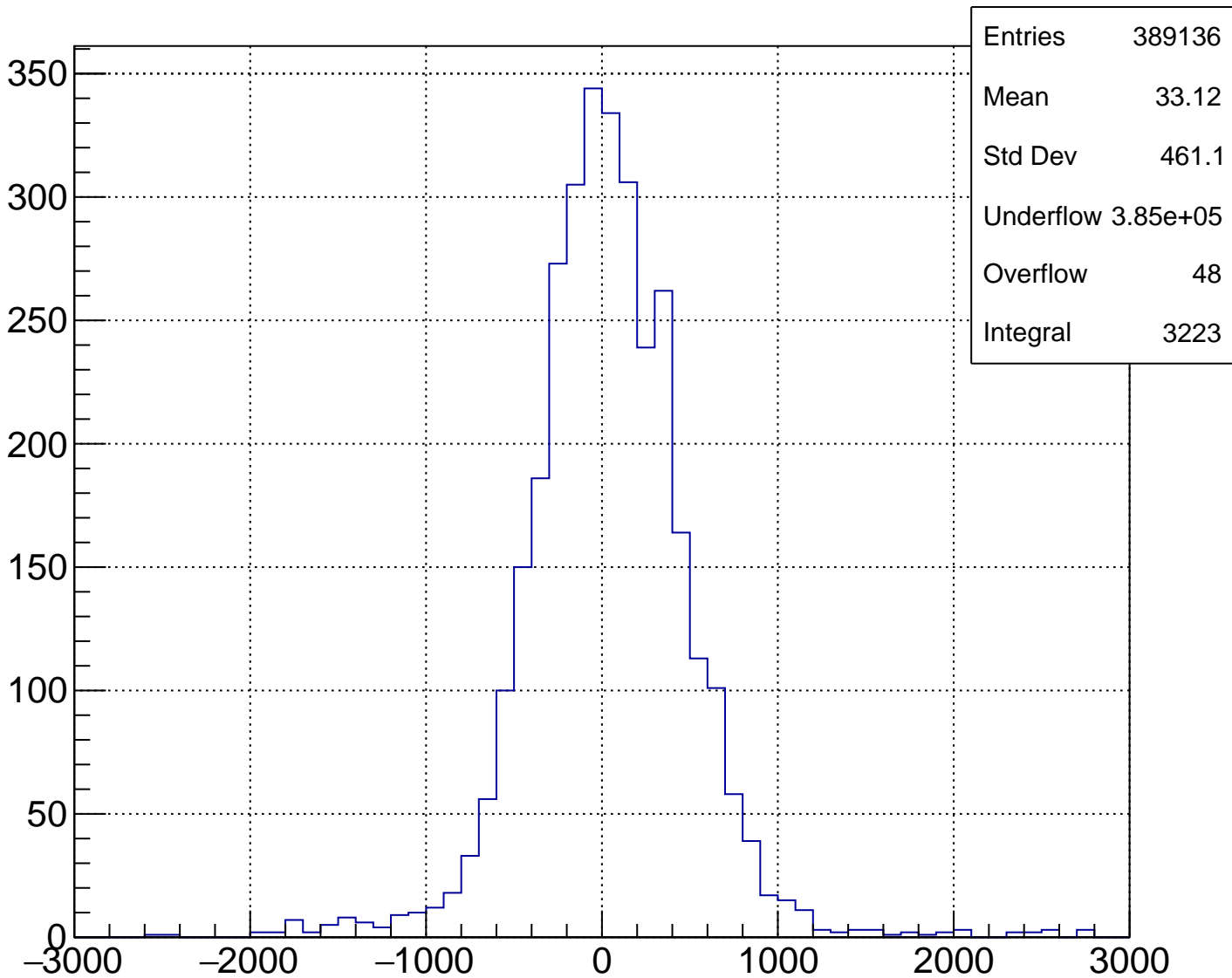
BH1_2DT0



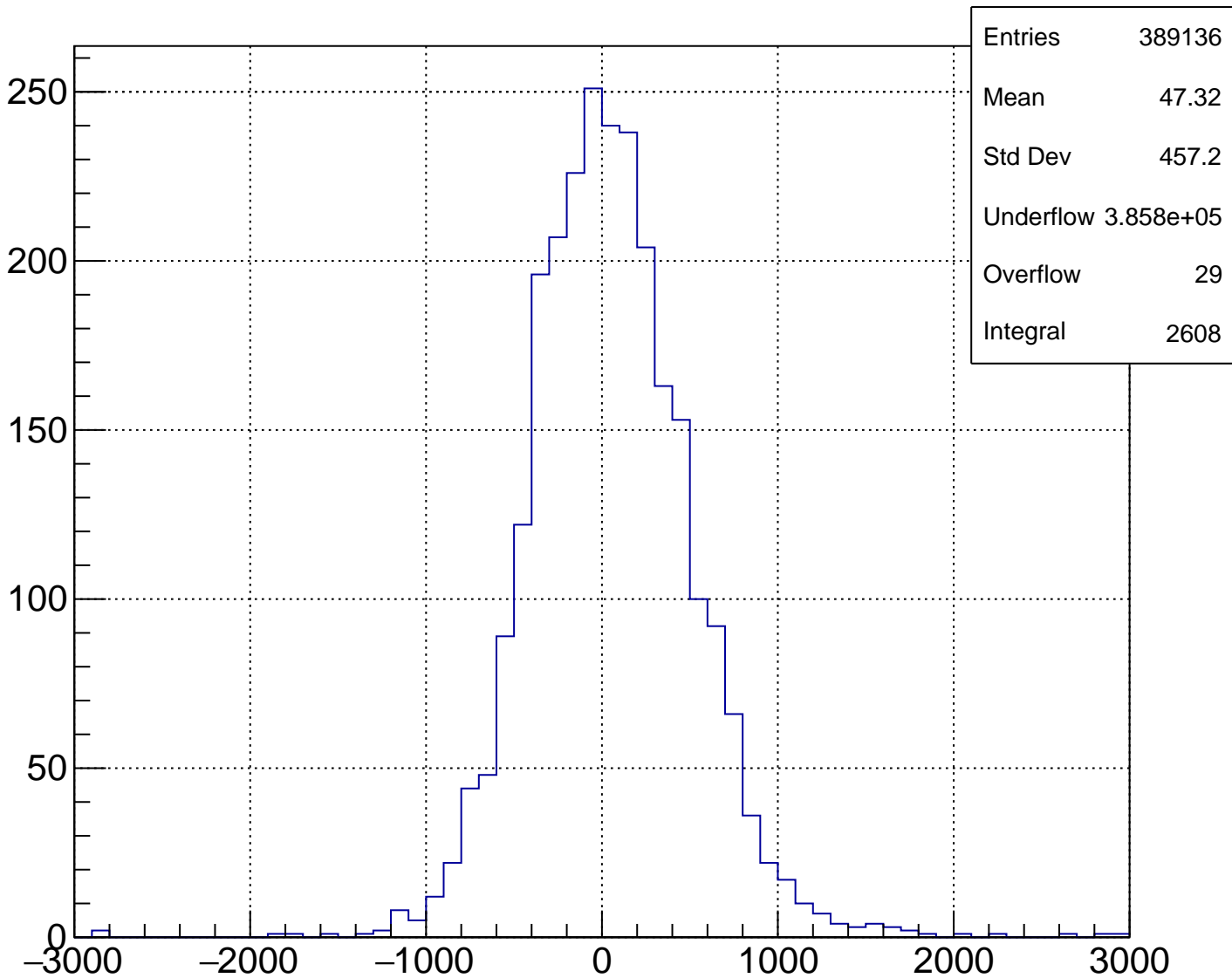
BH1_3DT0



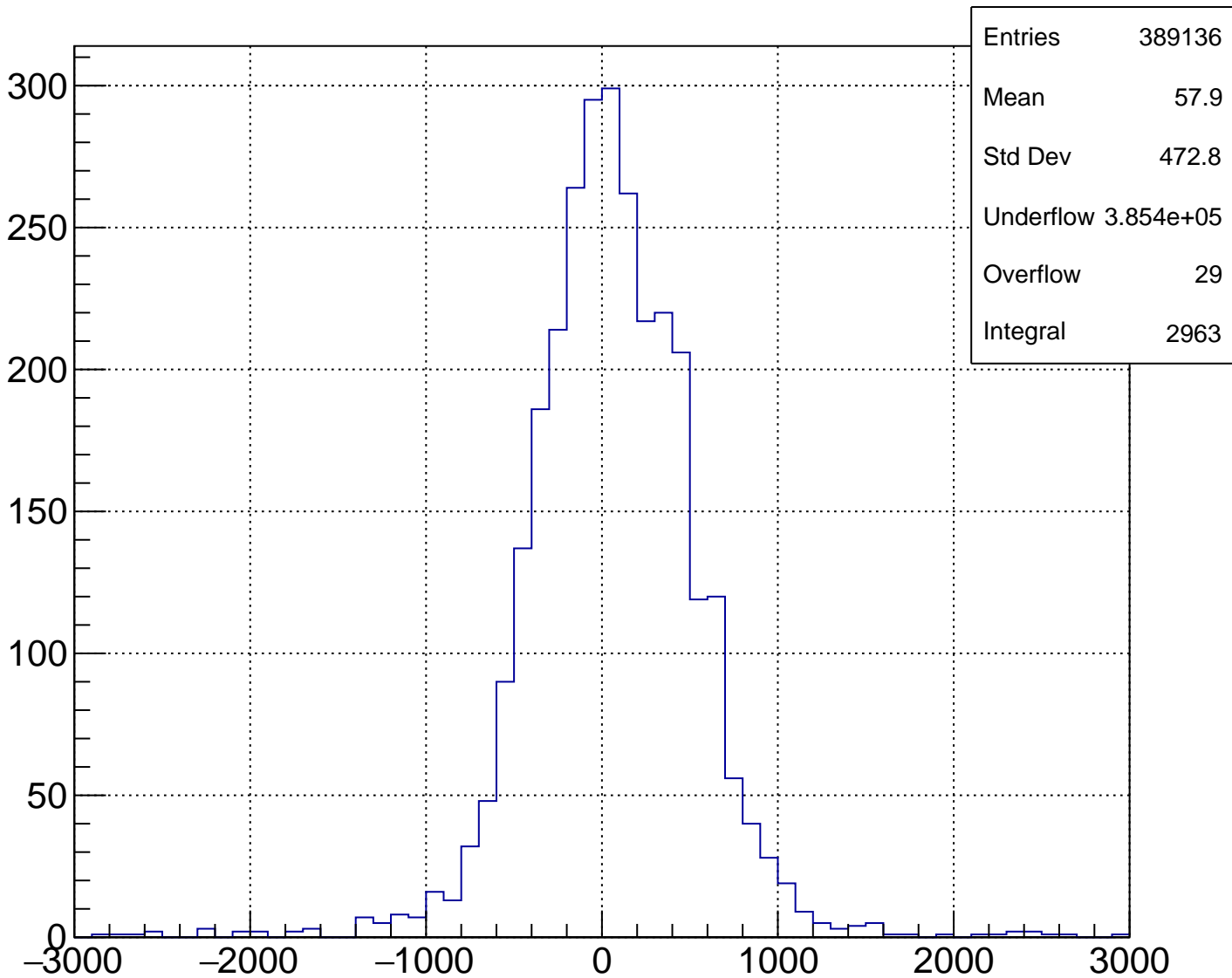
BH1_4DT0



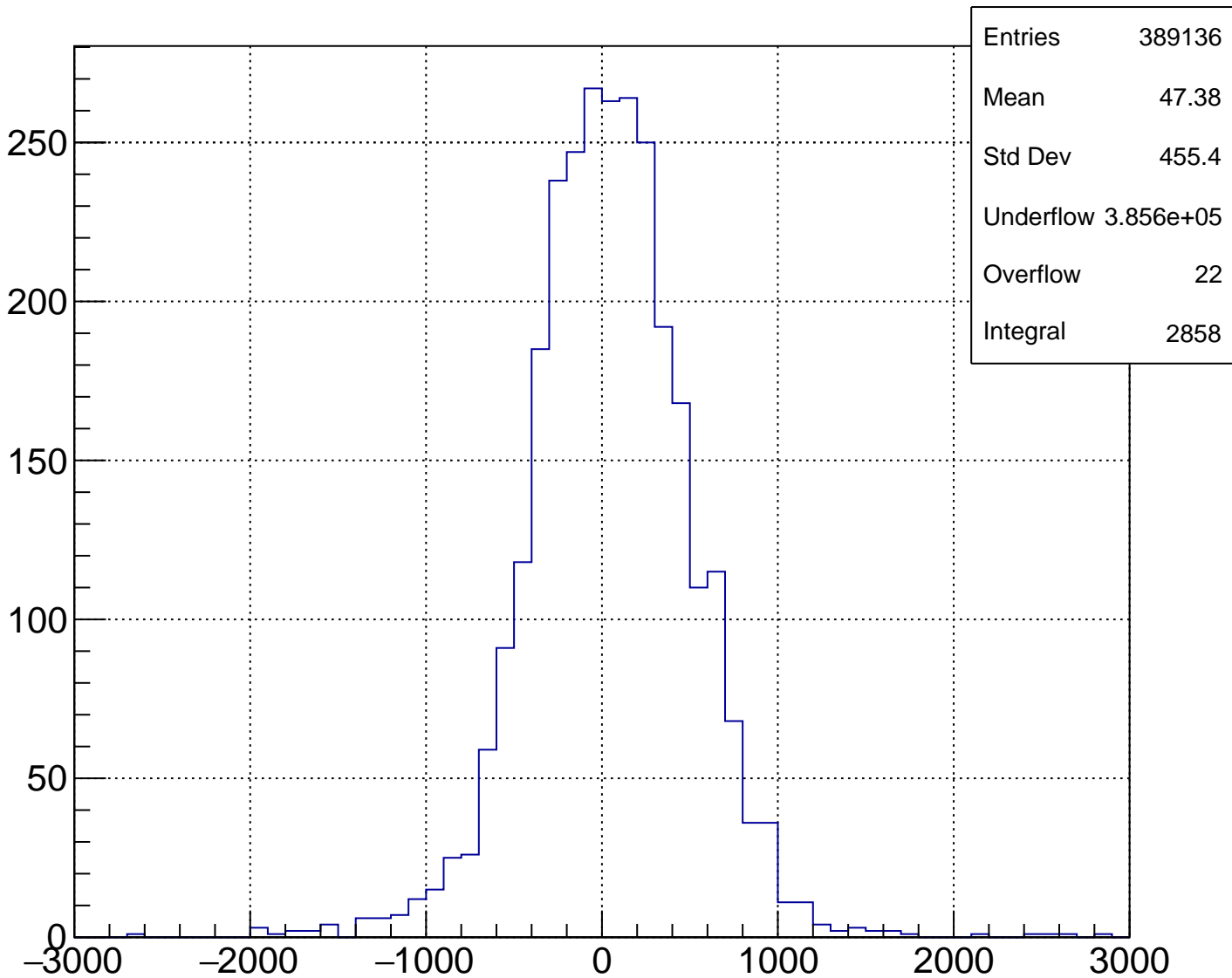
BH1_5DT0



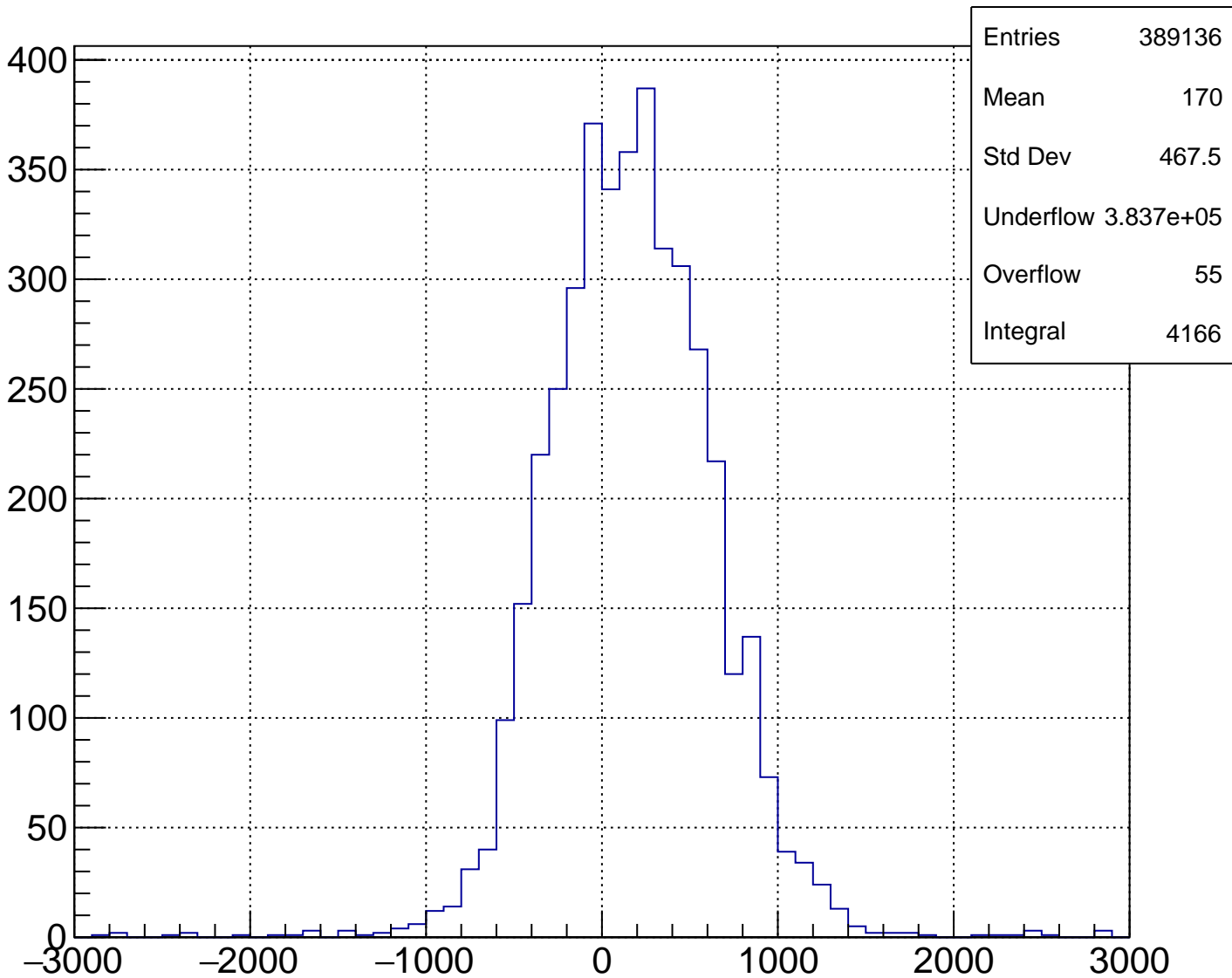
BH1_6DT0



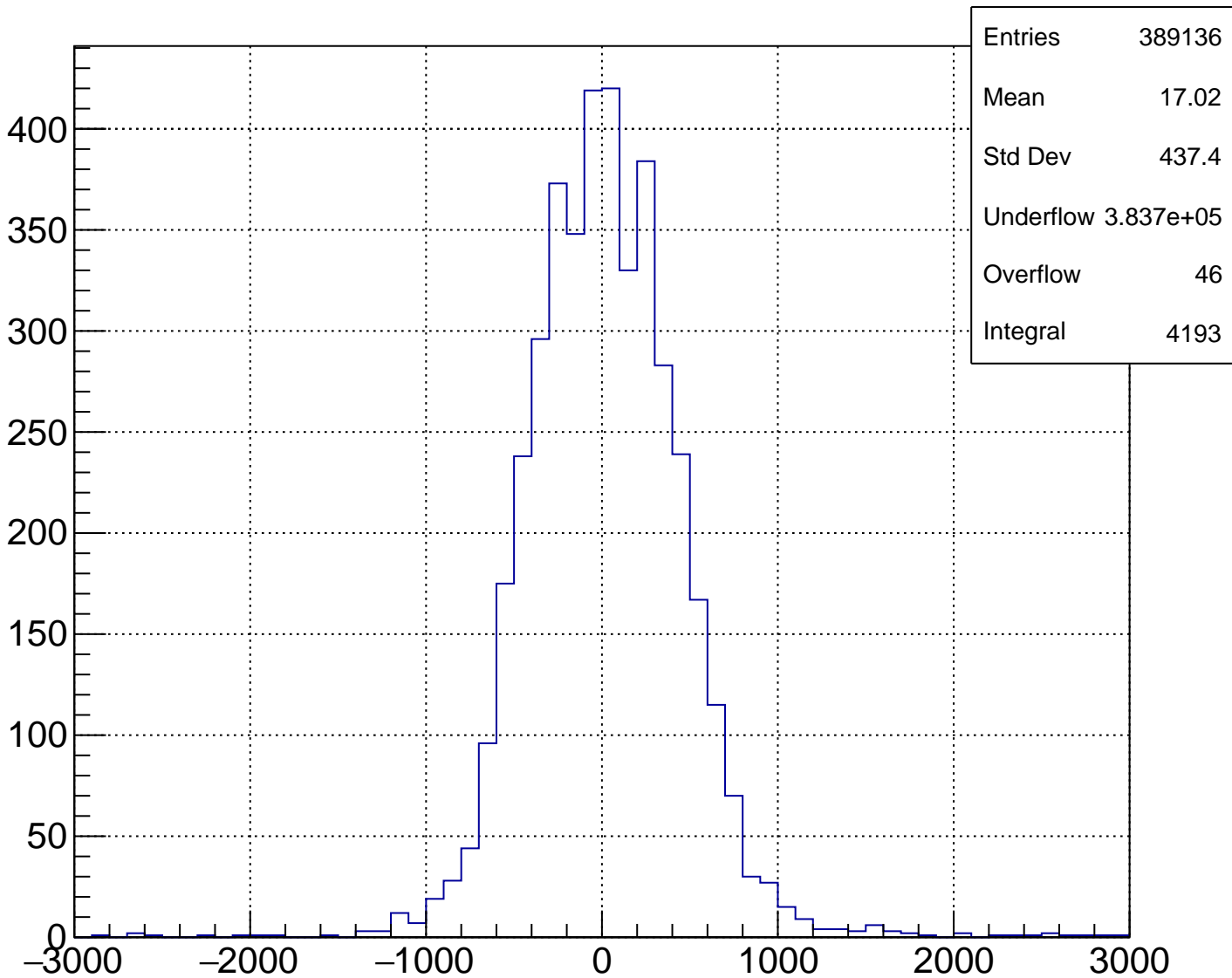
BH1_7DT0



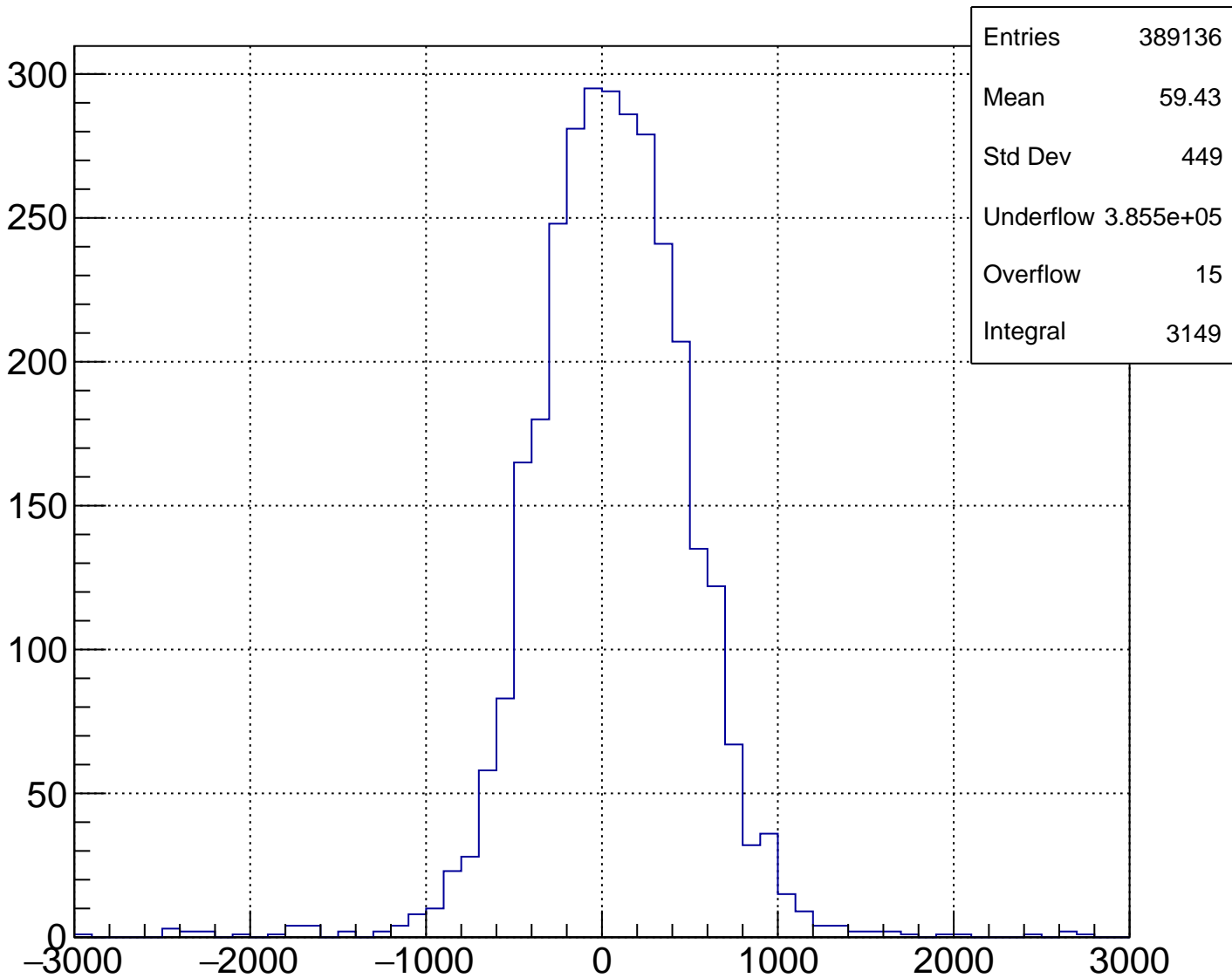
BH1_8DT0



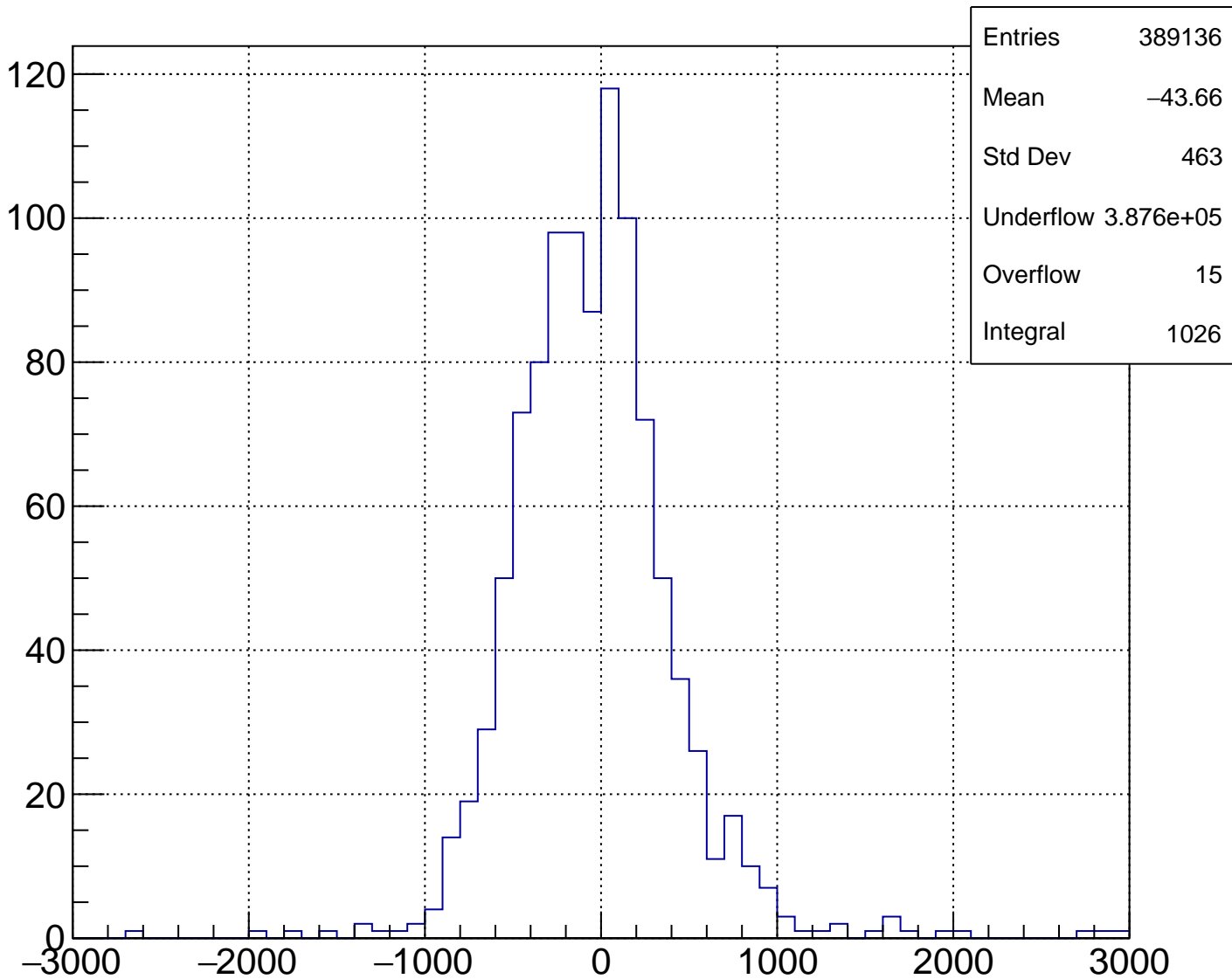
BH1_9DT0



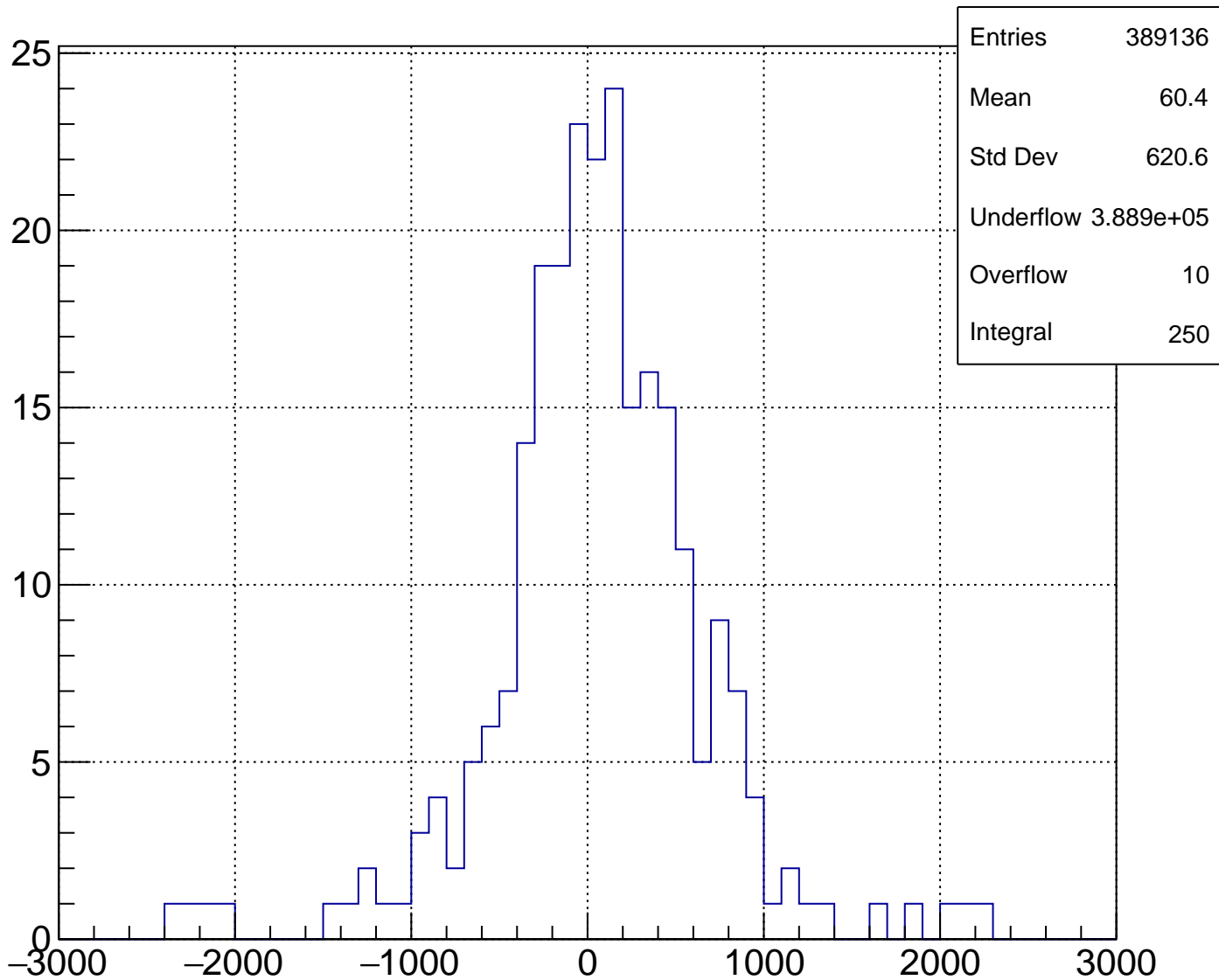
BH1_10DT0



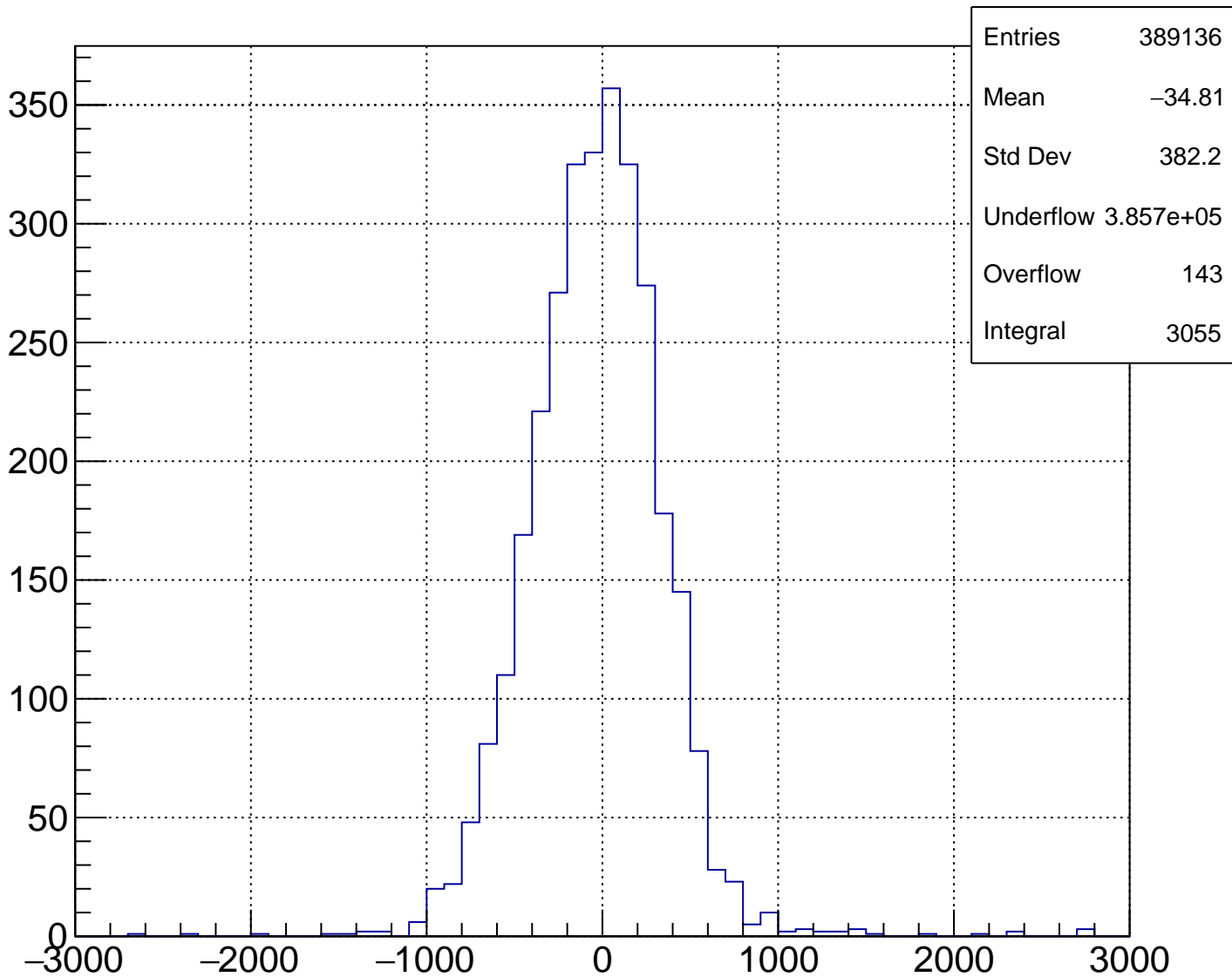
BH1_11DT0



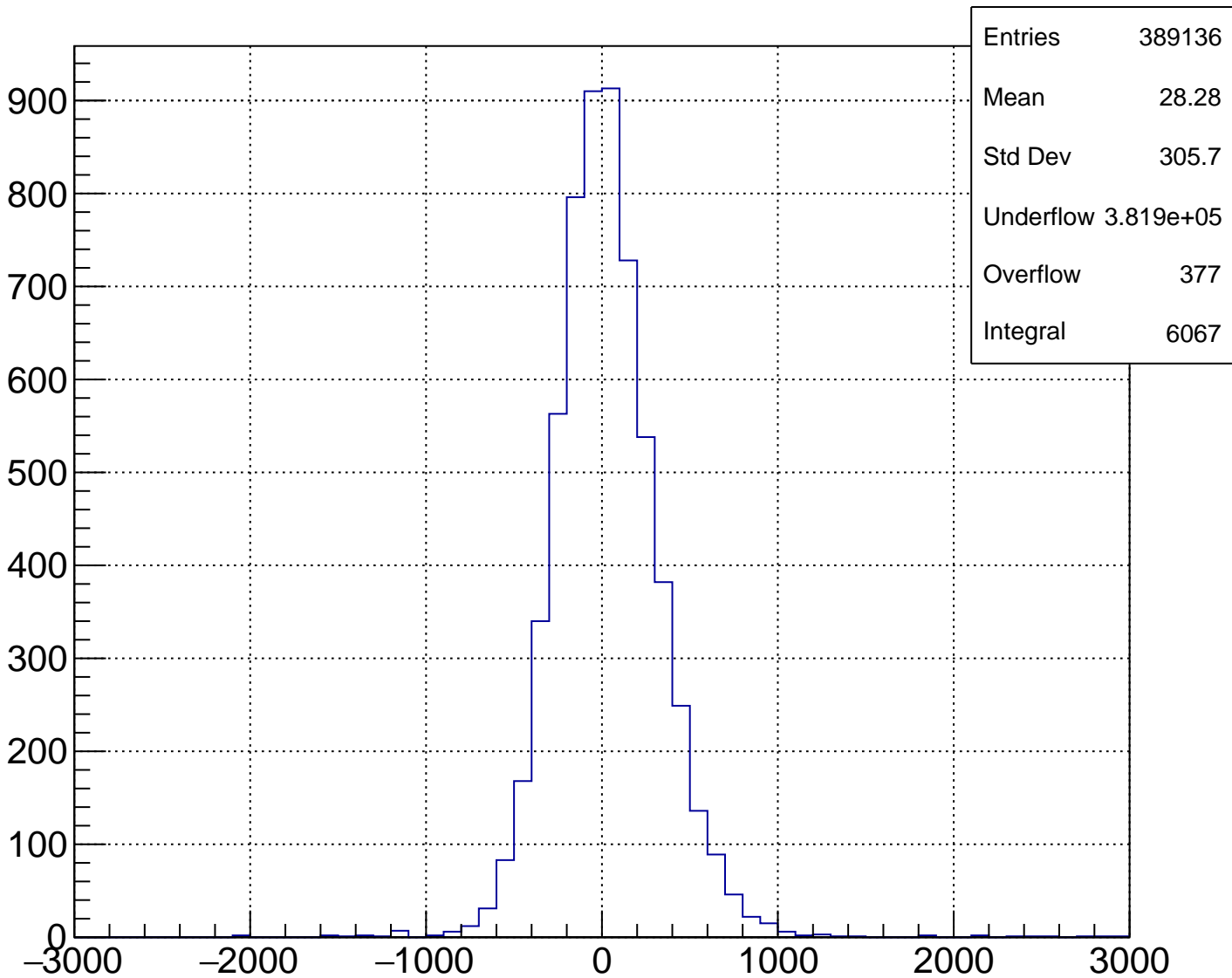
BH2_1UT0



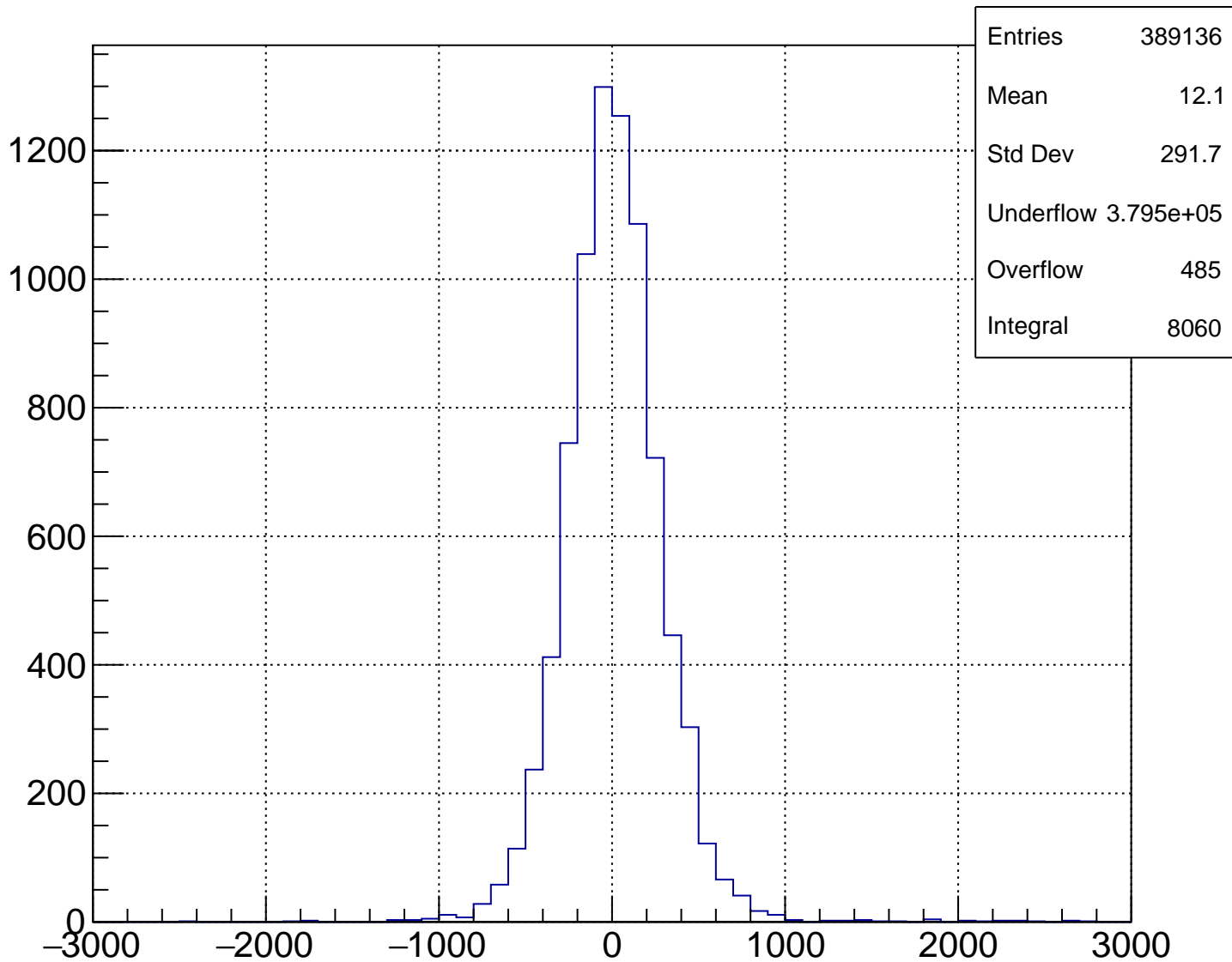
BH2_2UT0



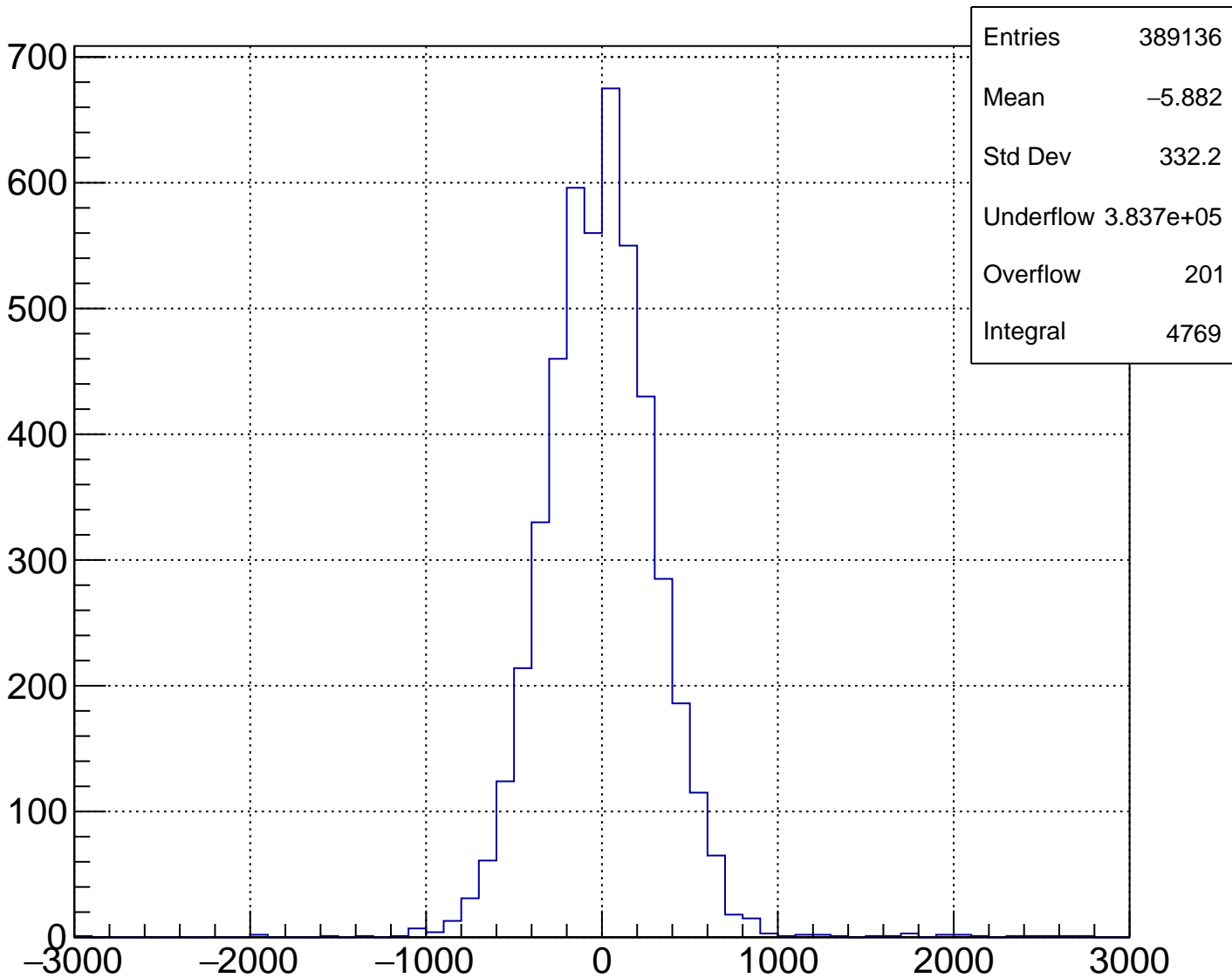
BH2_3UT0



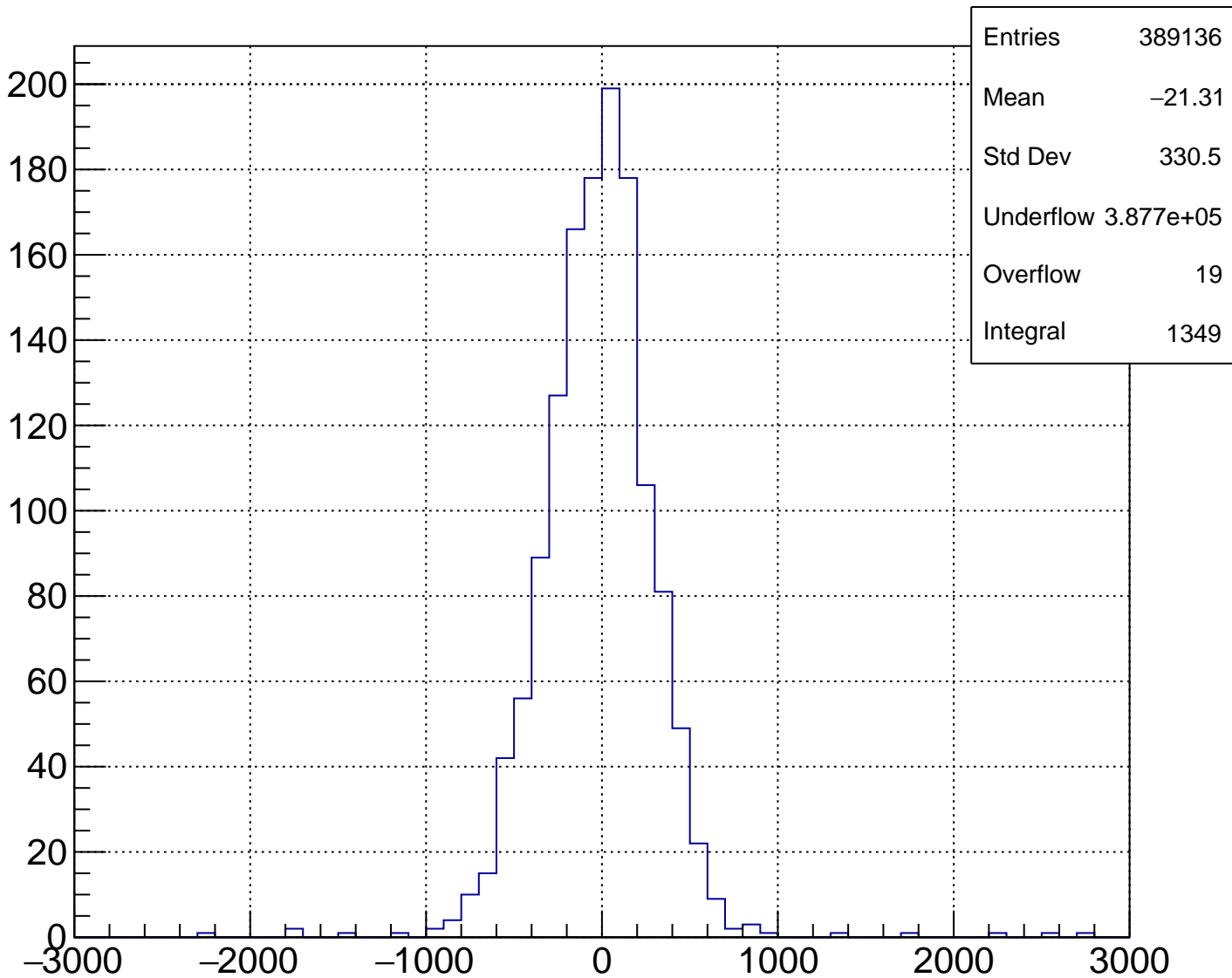
BH2_4UT0



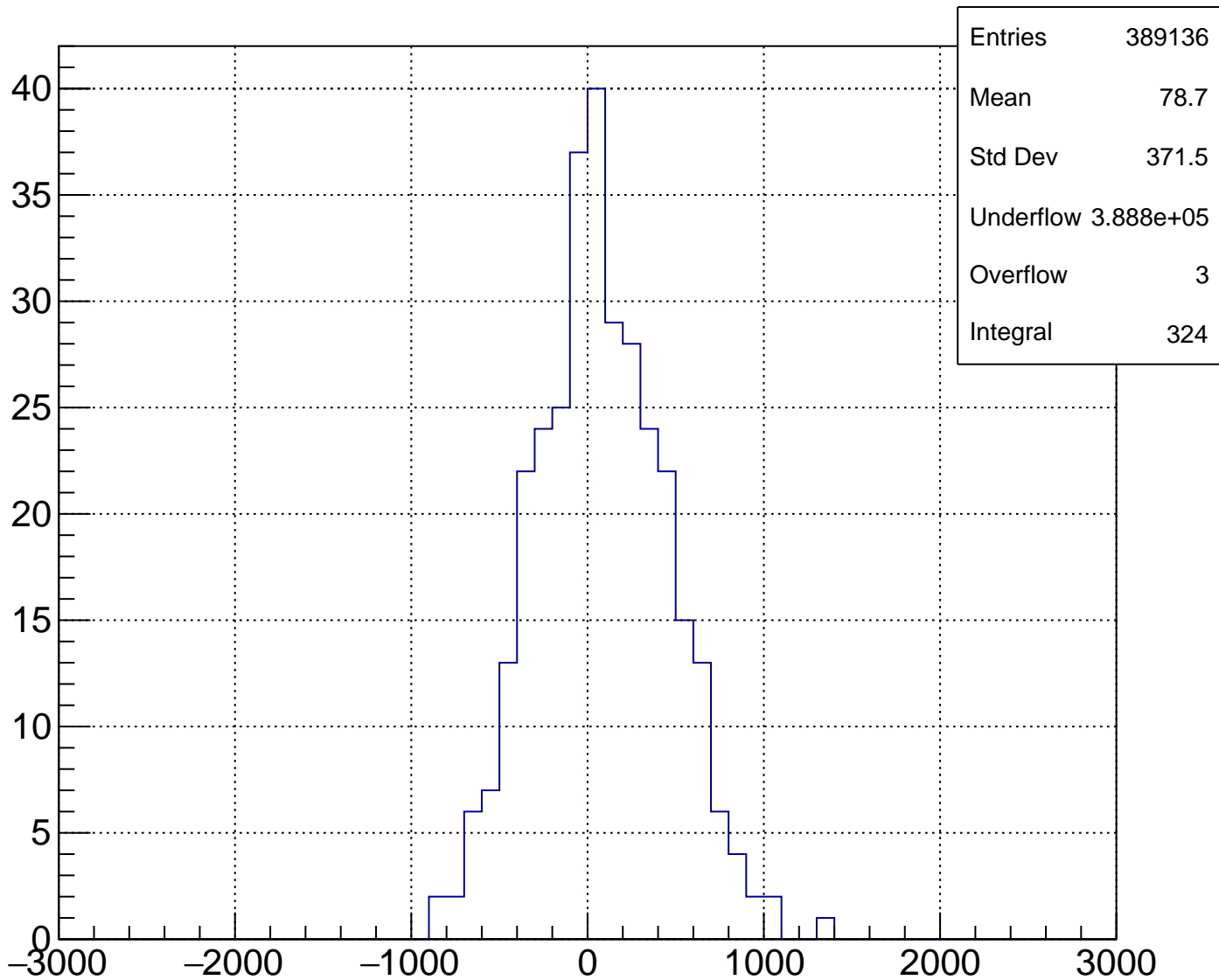
BH2_5UT0



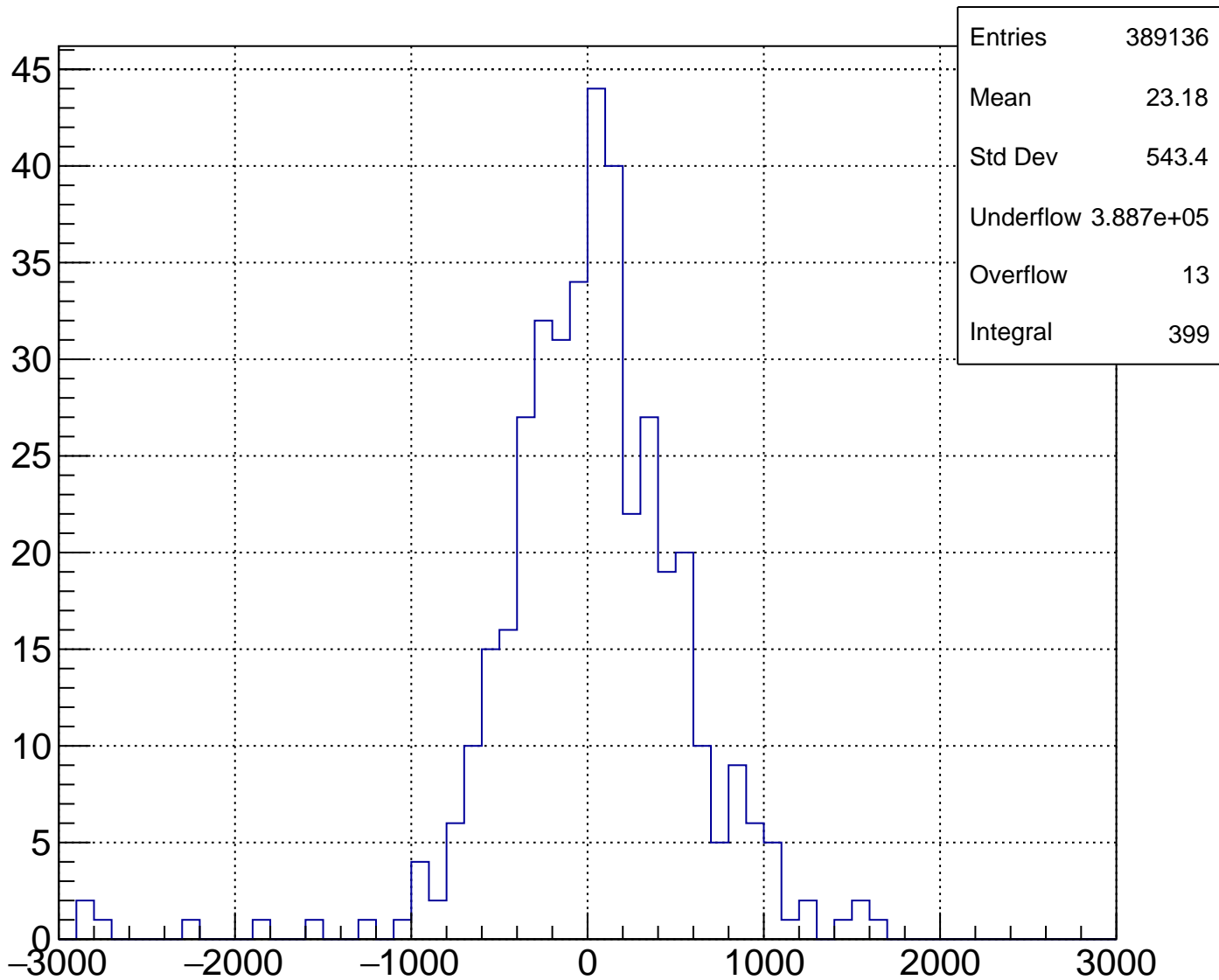
BH2_6UT0



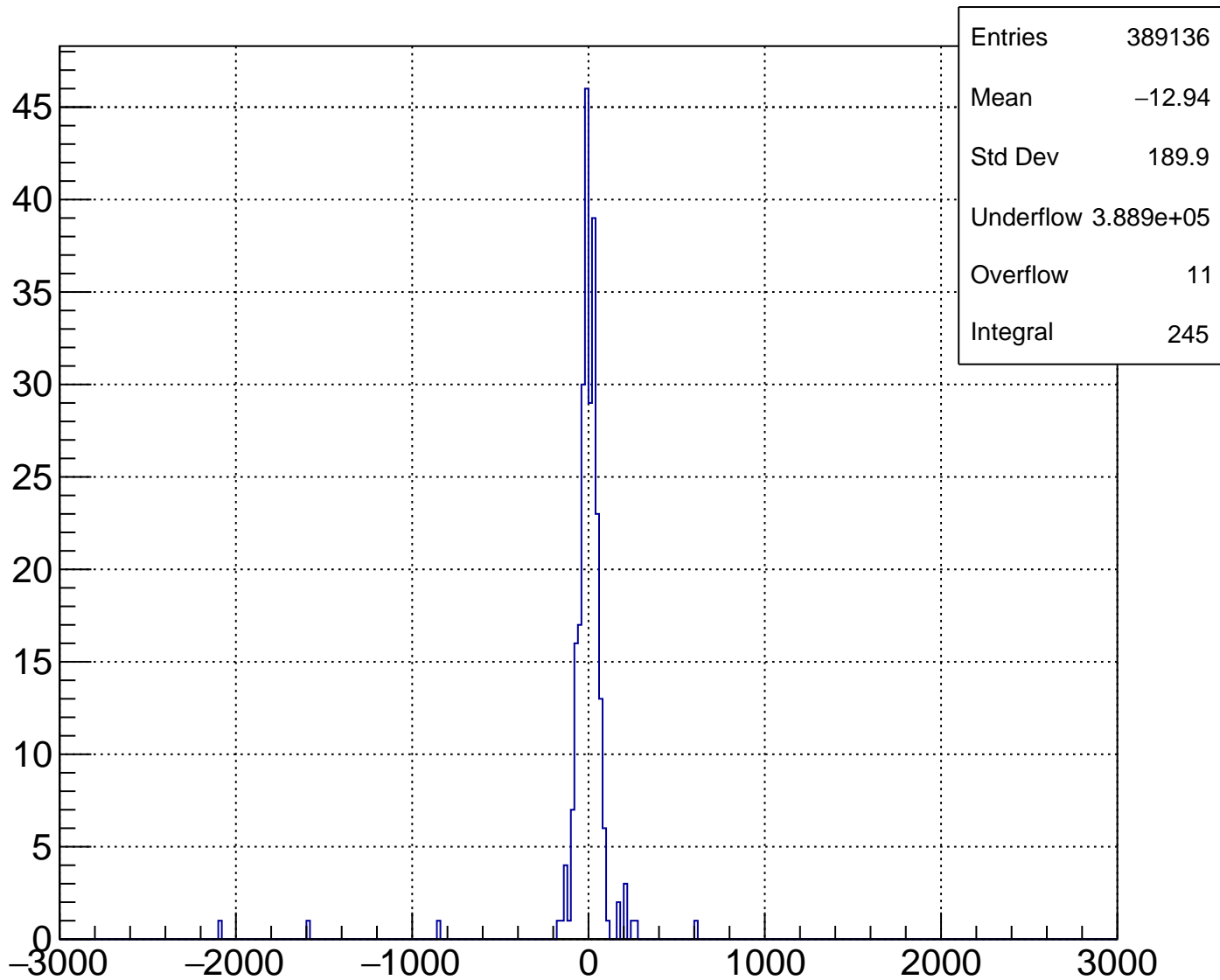
BH2_7UT0



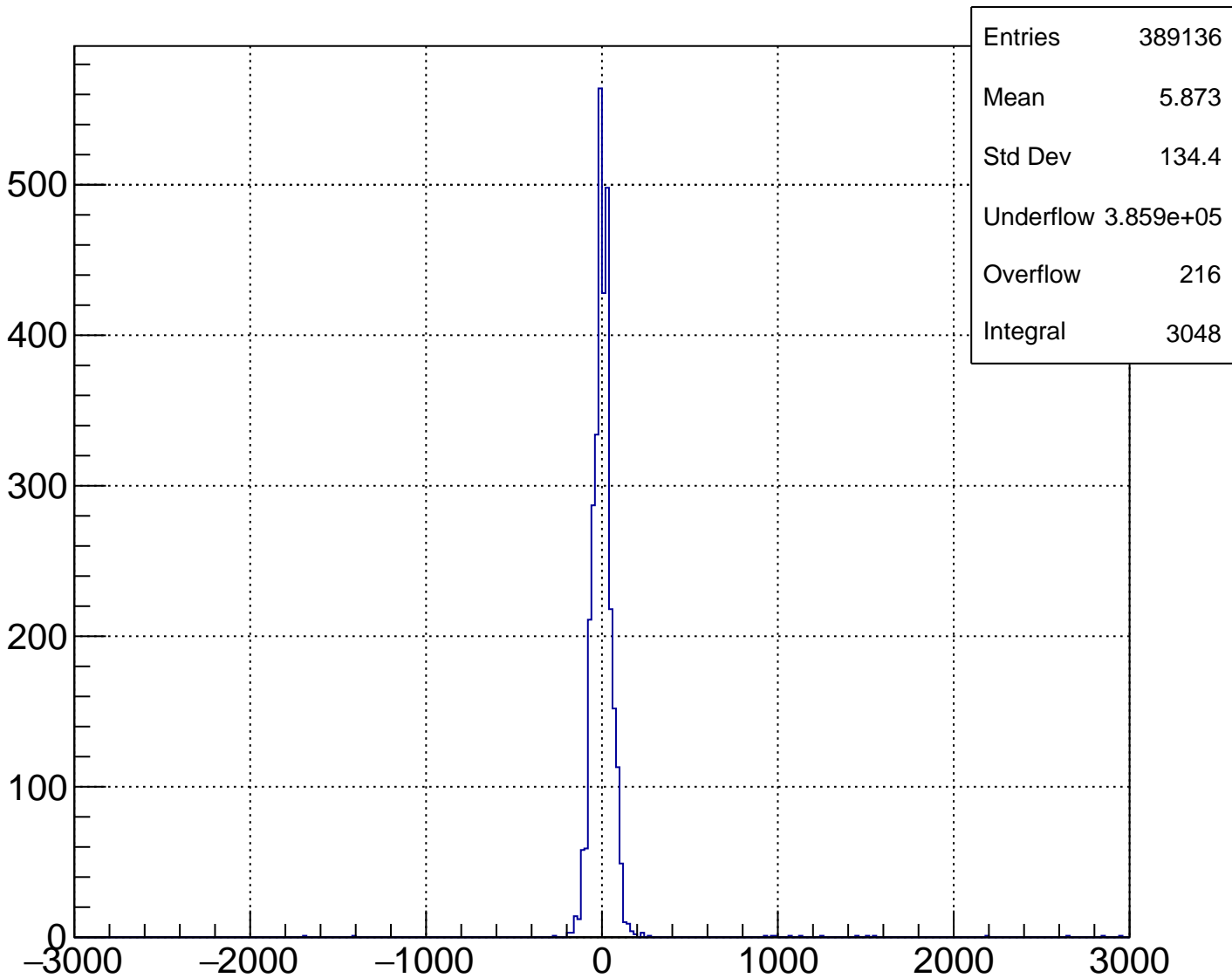
BH2_8UT0



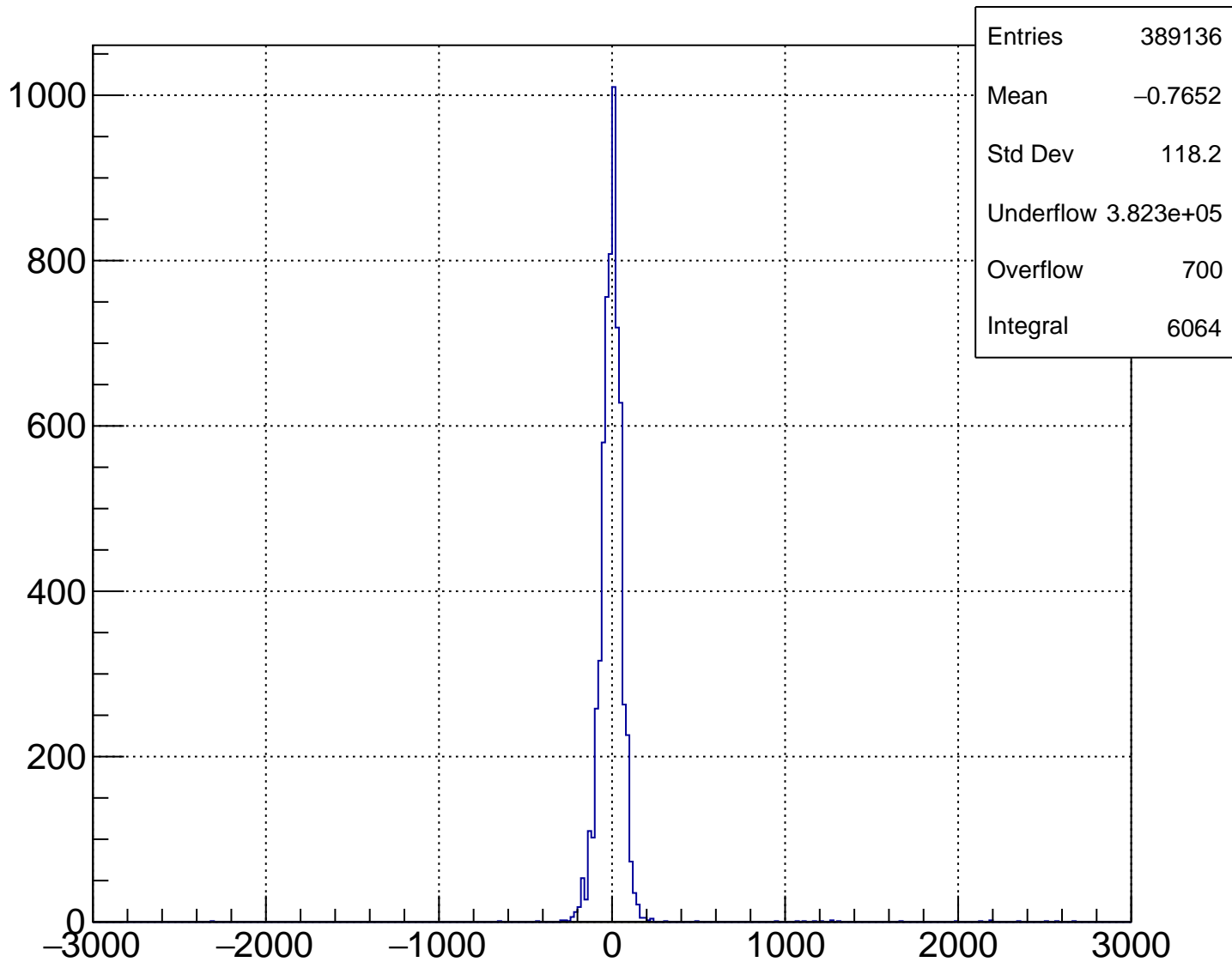
BH2_1DT0



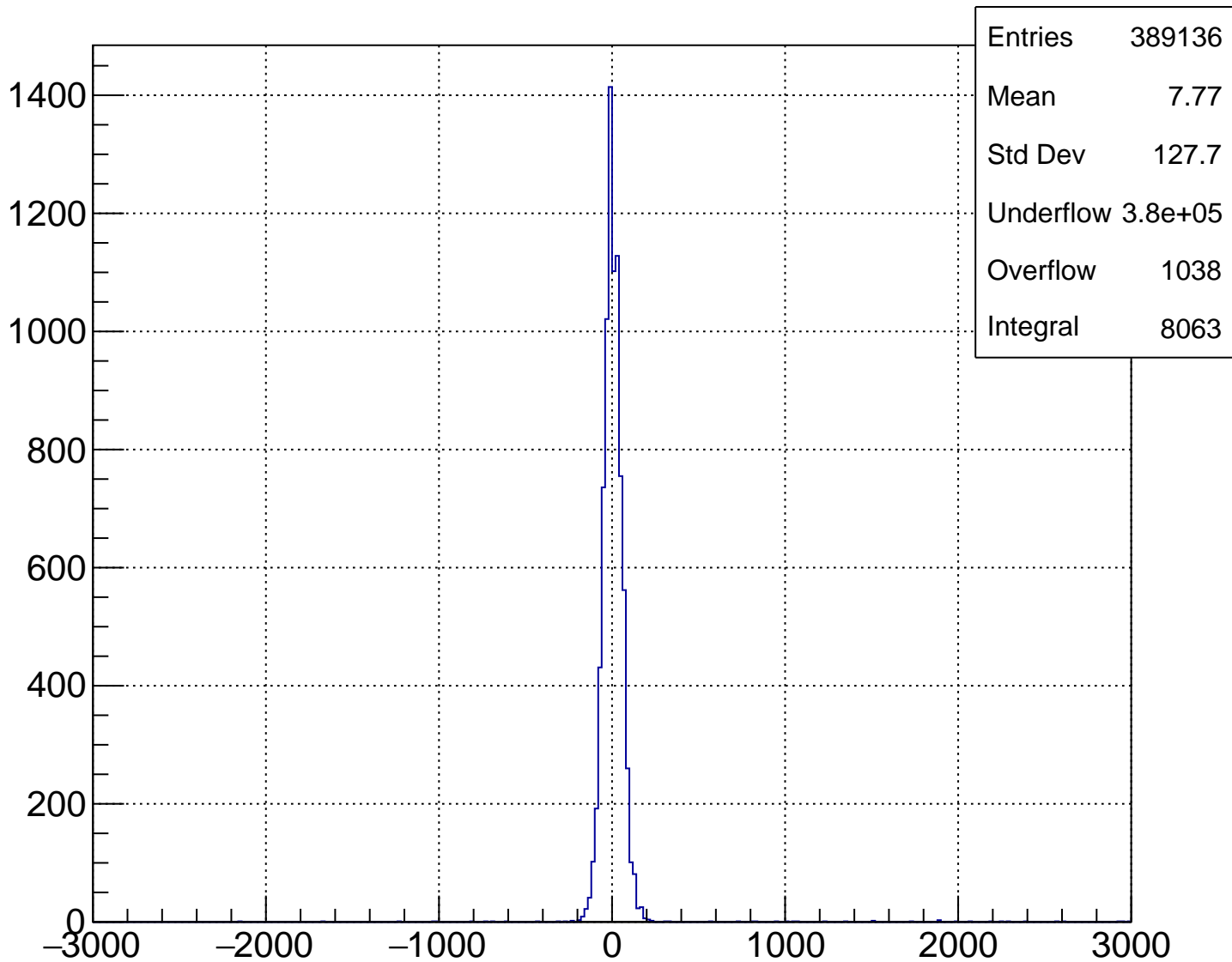
BH2_2DT0



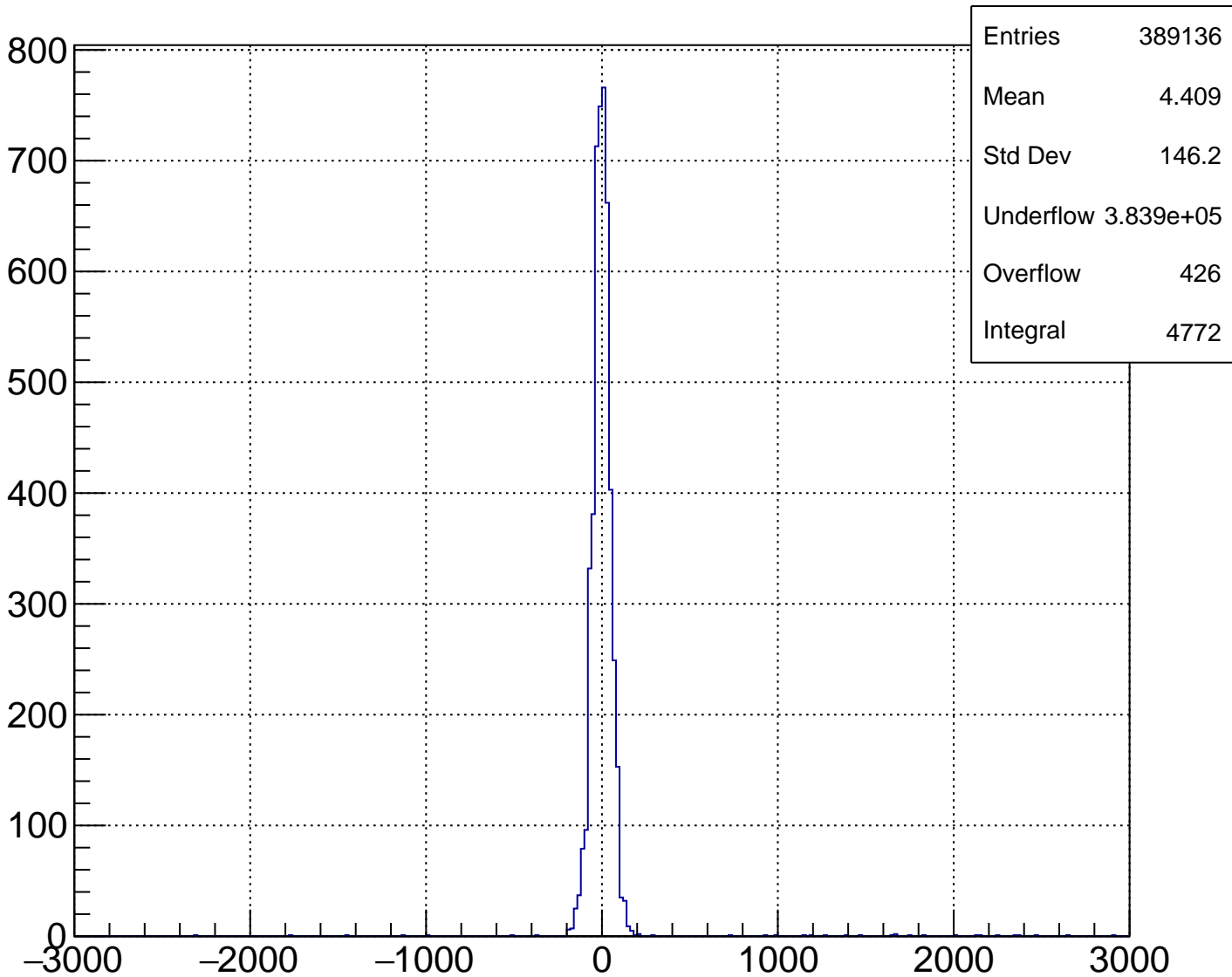
BH2_3DT0



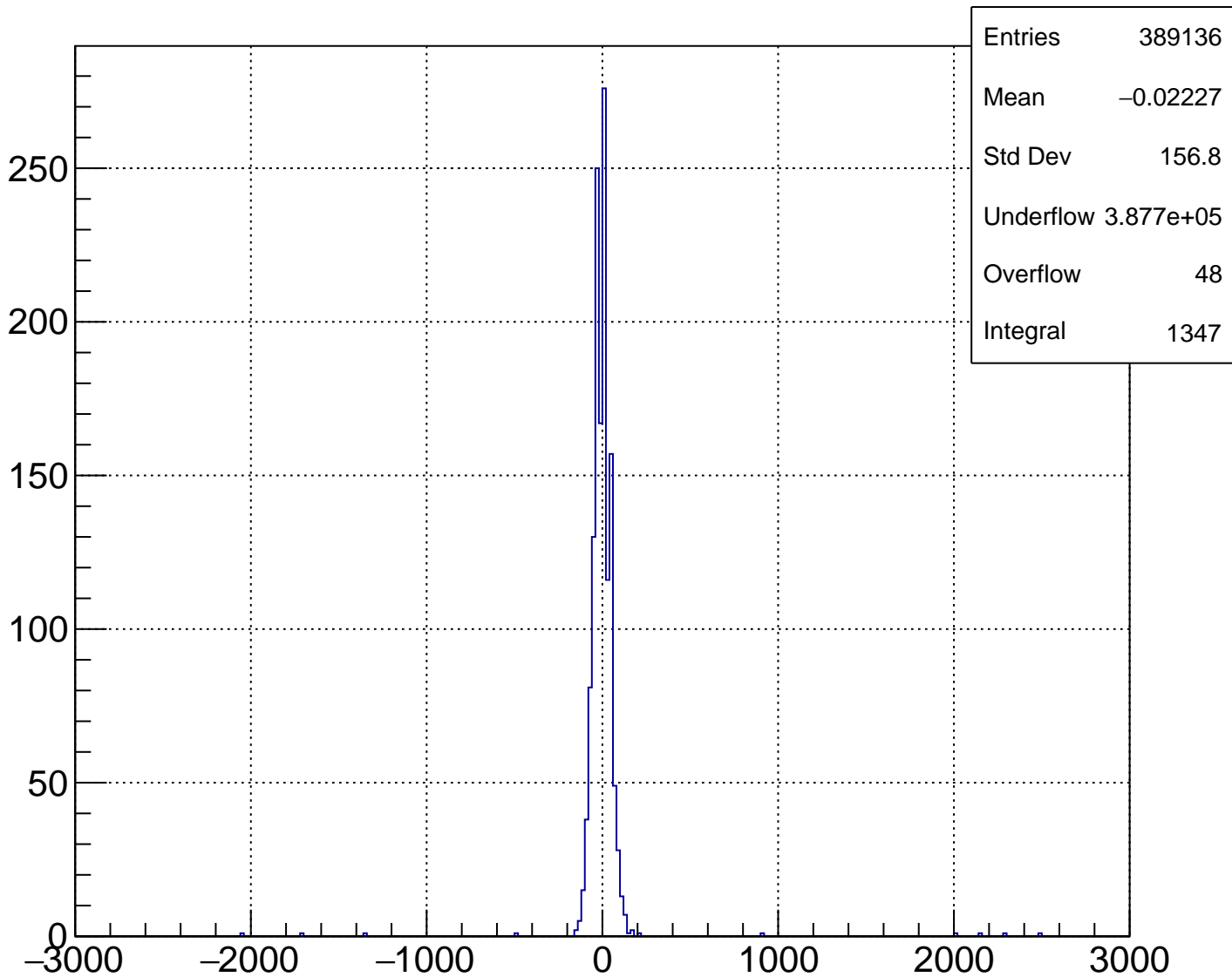
BH2_4DT0



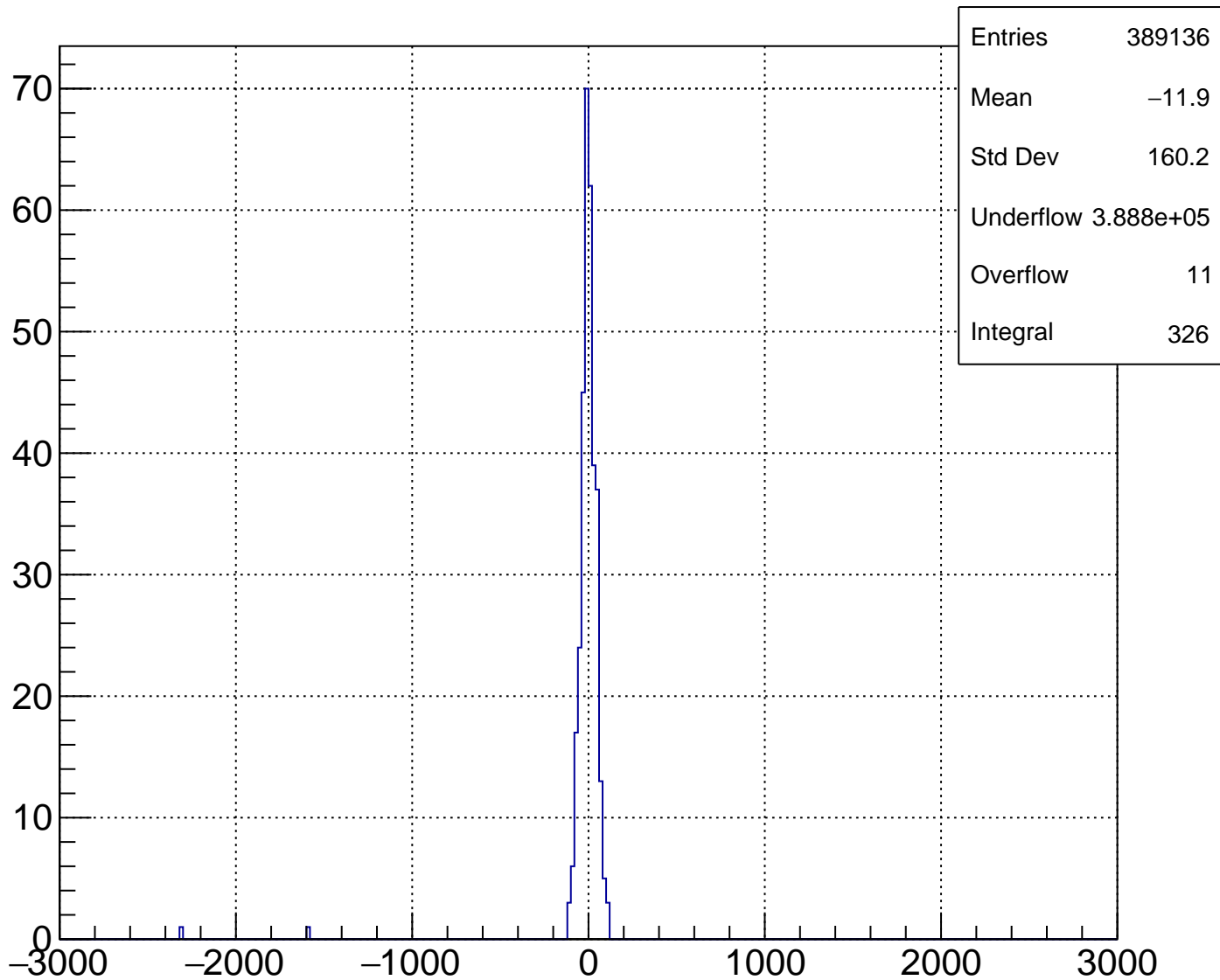
BH2_5DT0



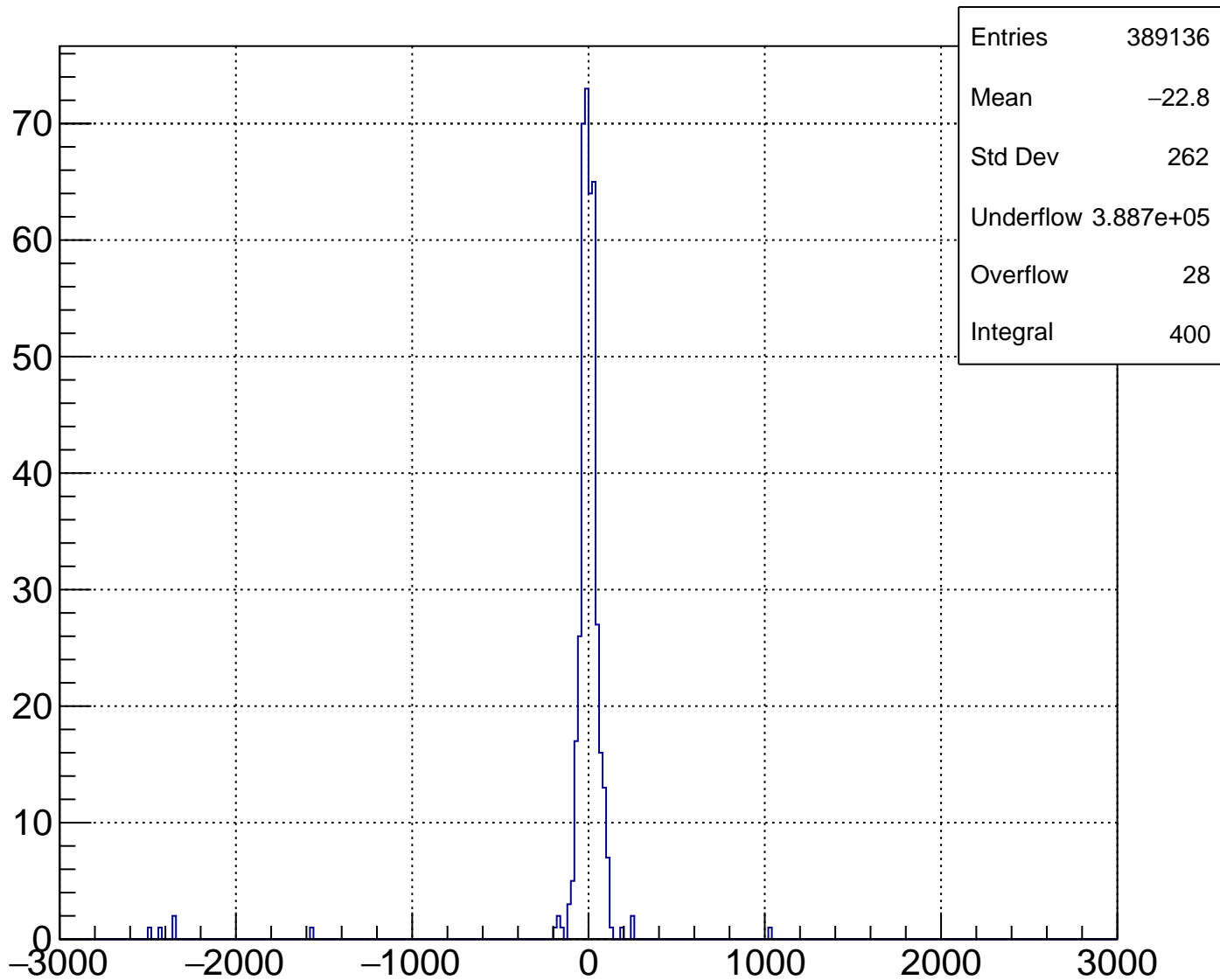
BH2_6DT0



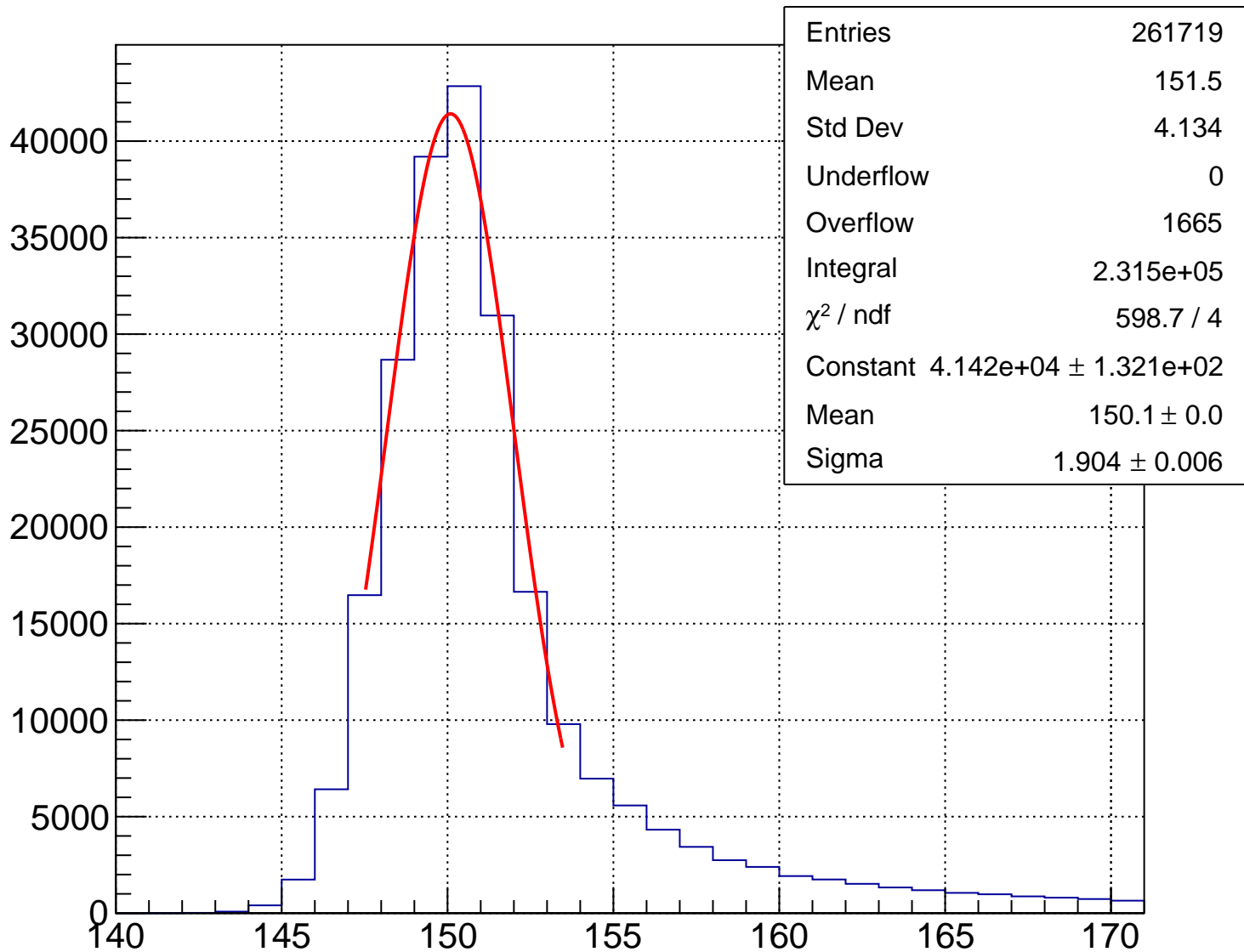
BH2_7DT0



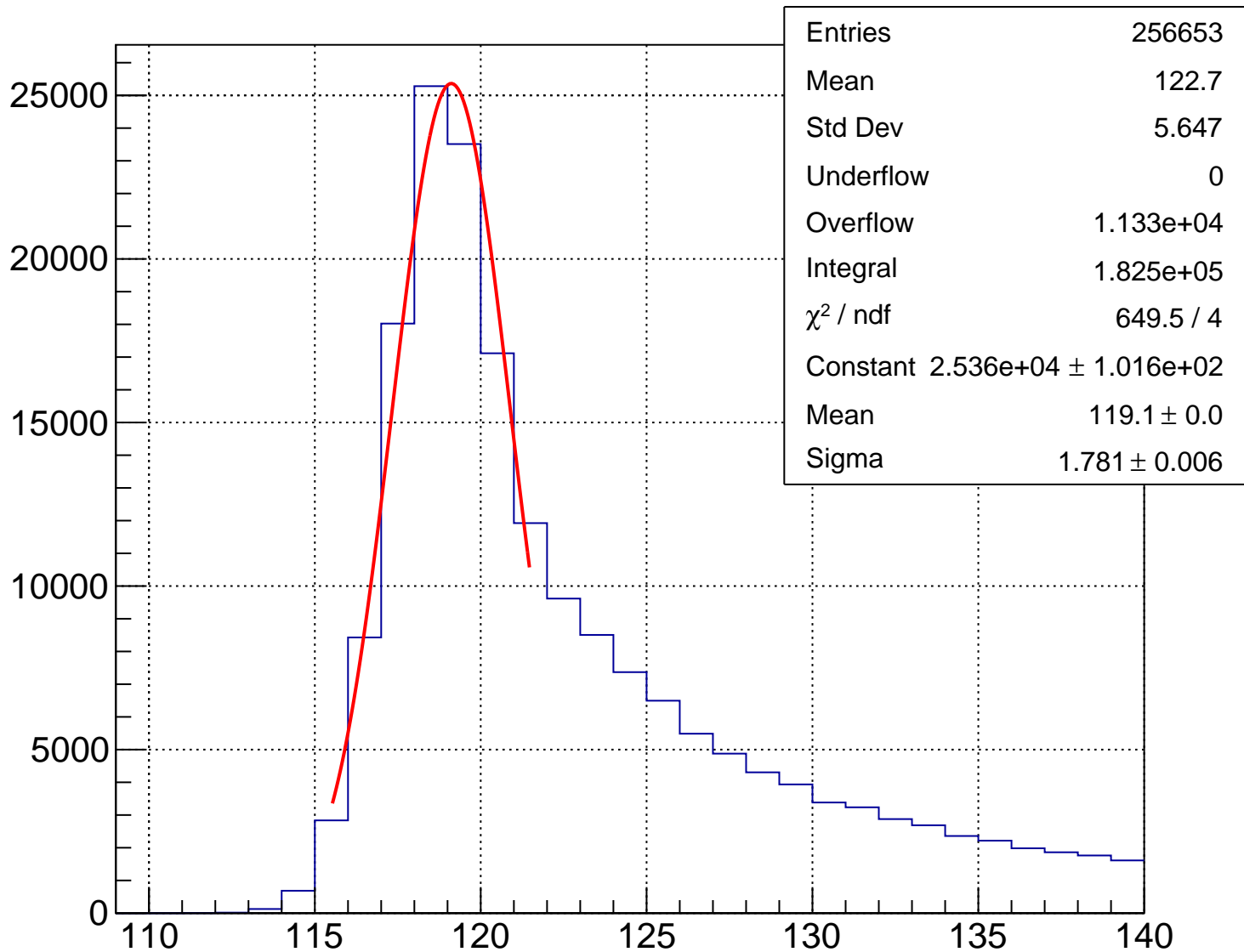
BH2_8DT0



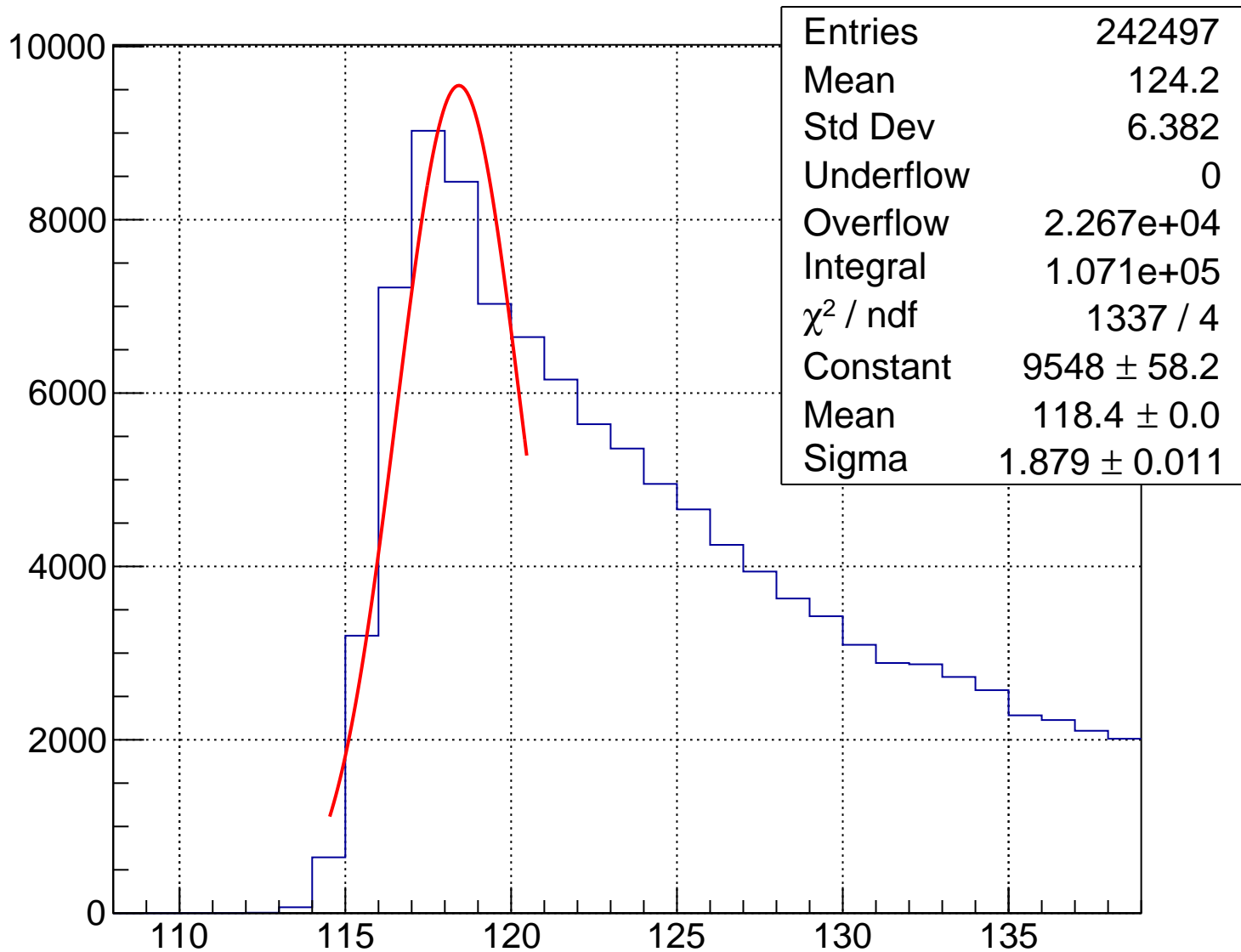
BH1UBG1



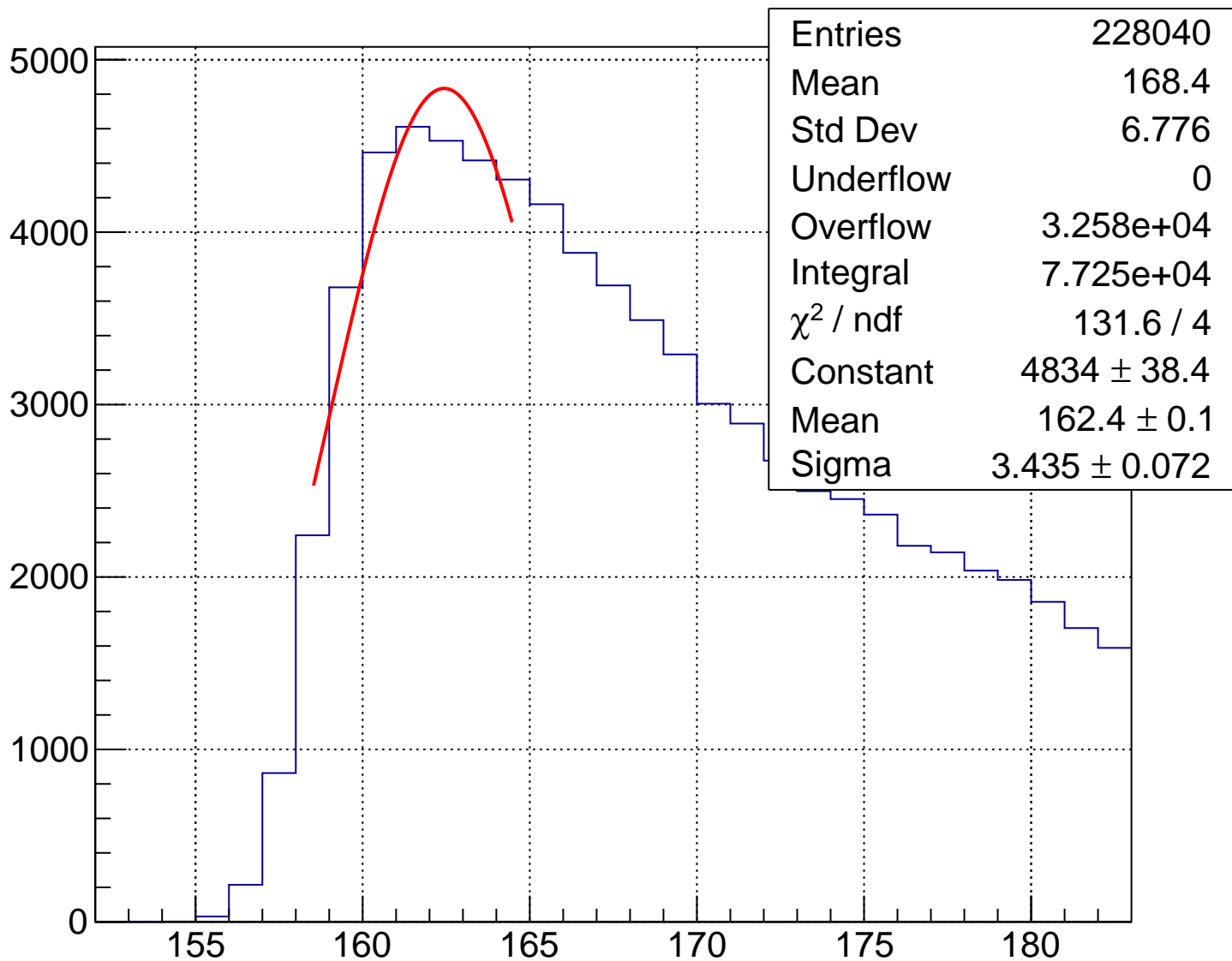
BH1UBG2



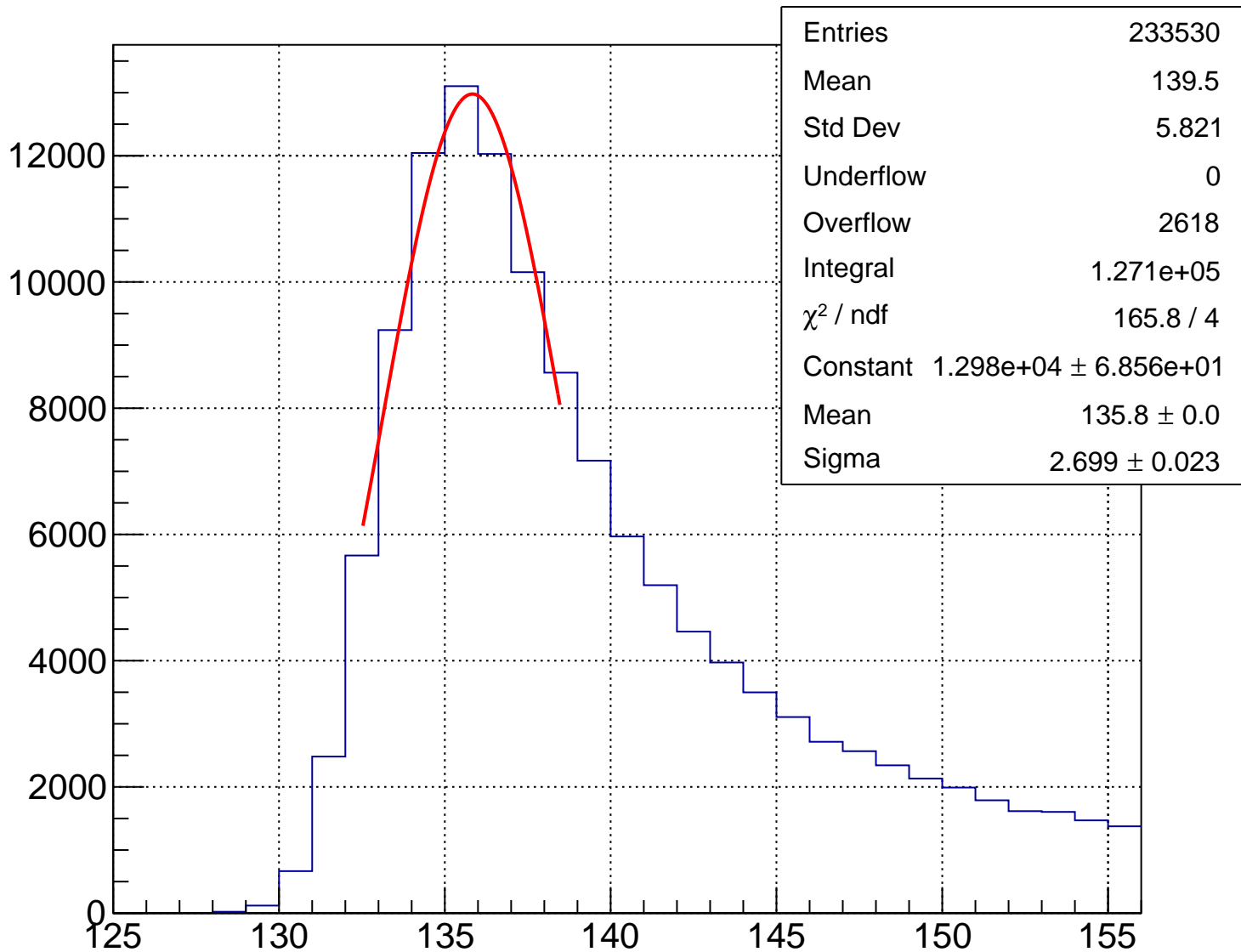
BH1UBG3



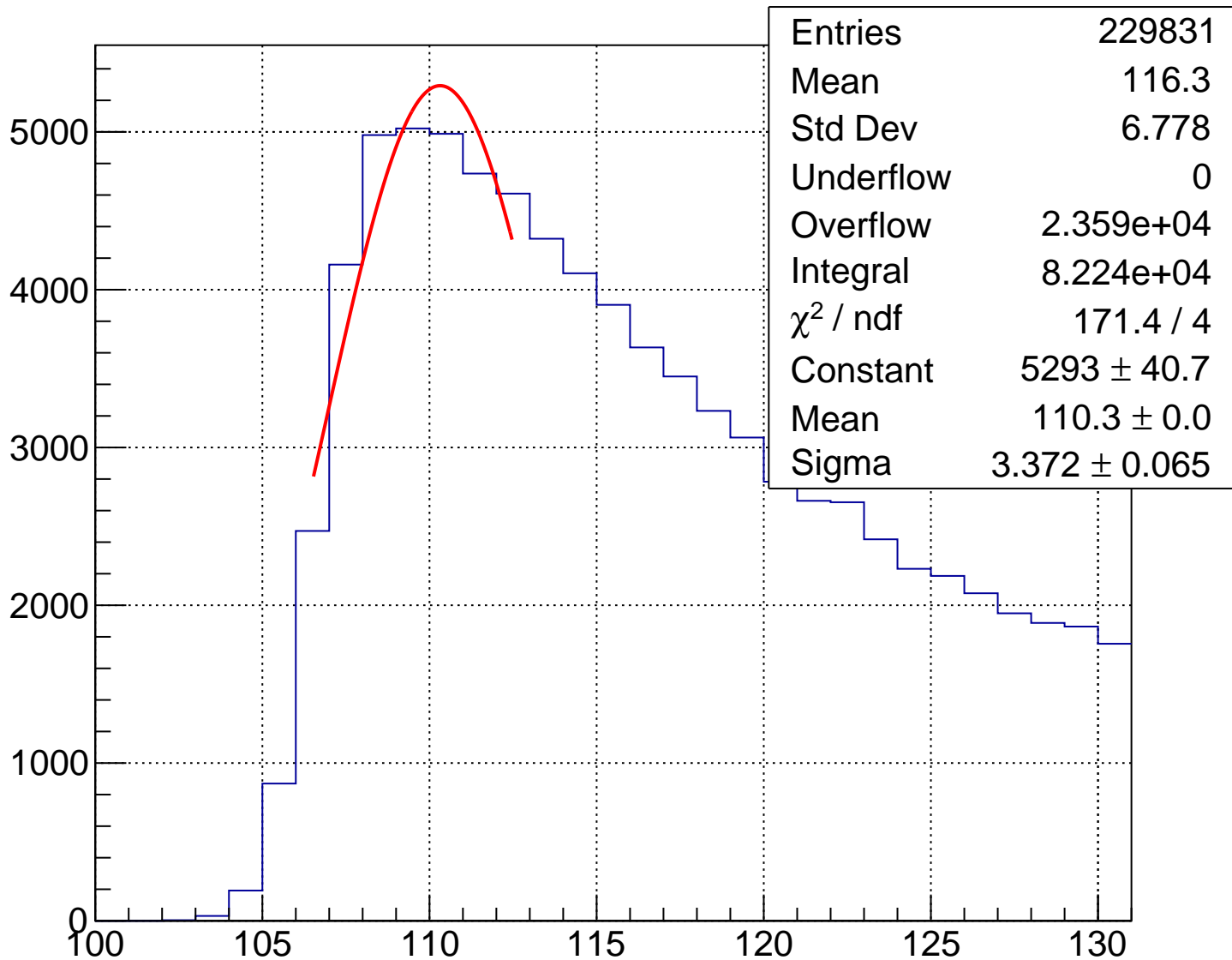
BH1UBG4



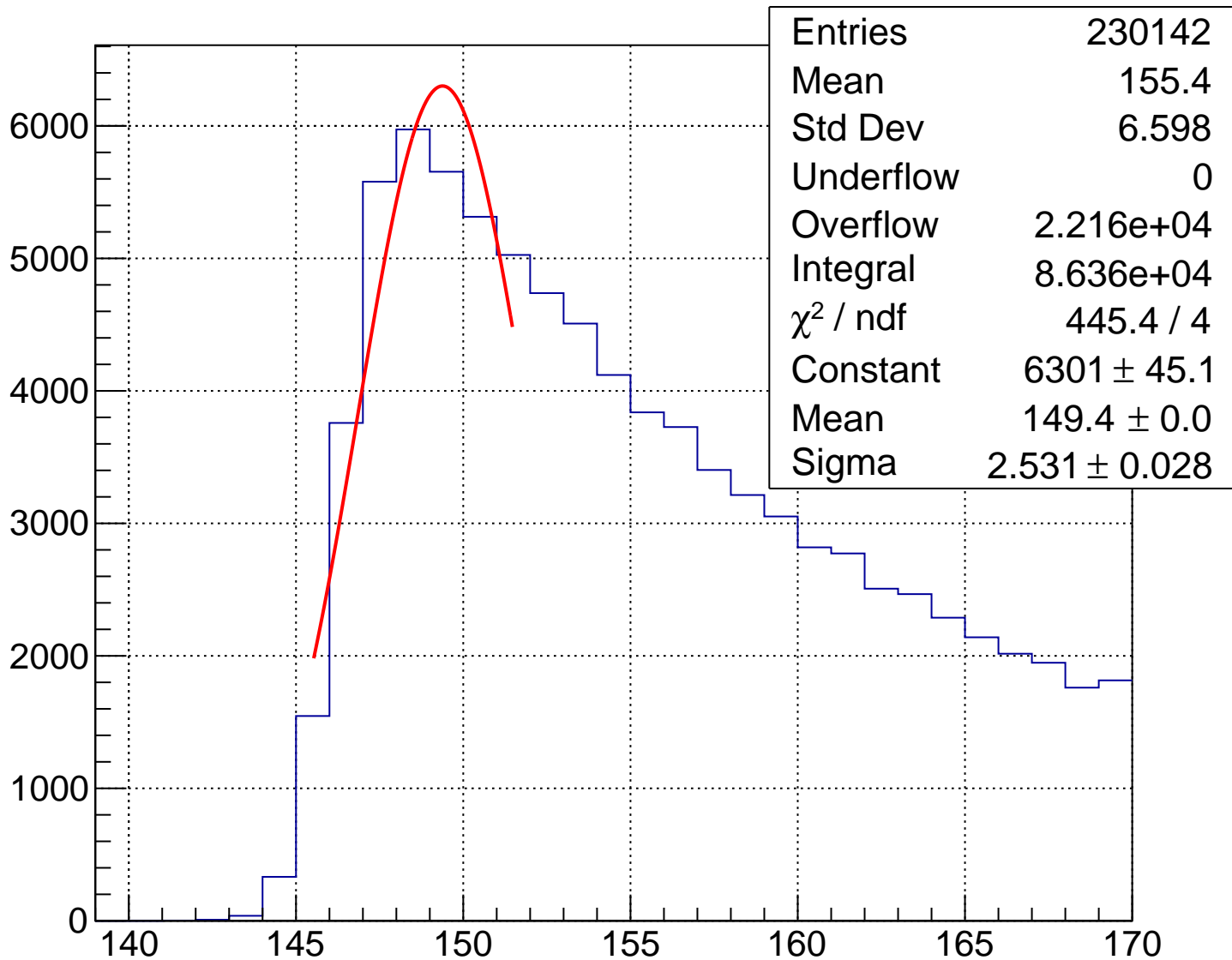
BH1UBG5



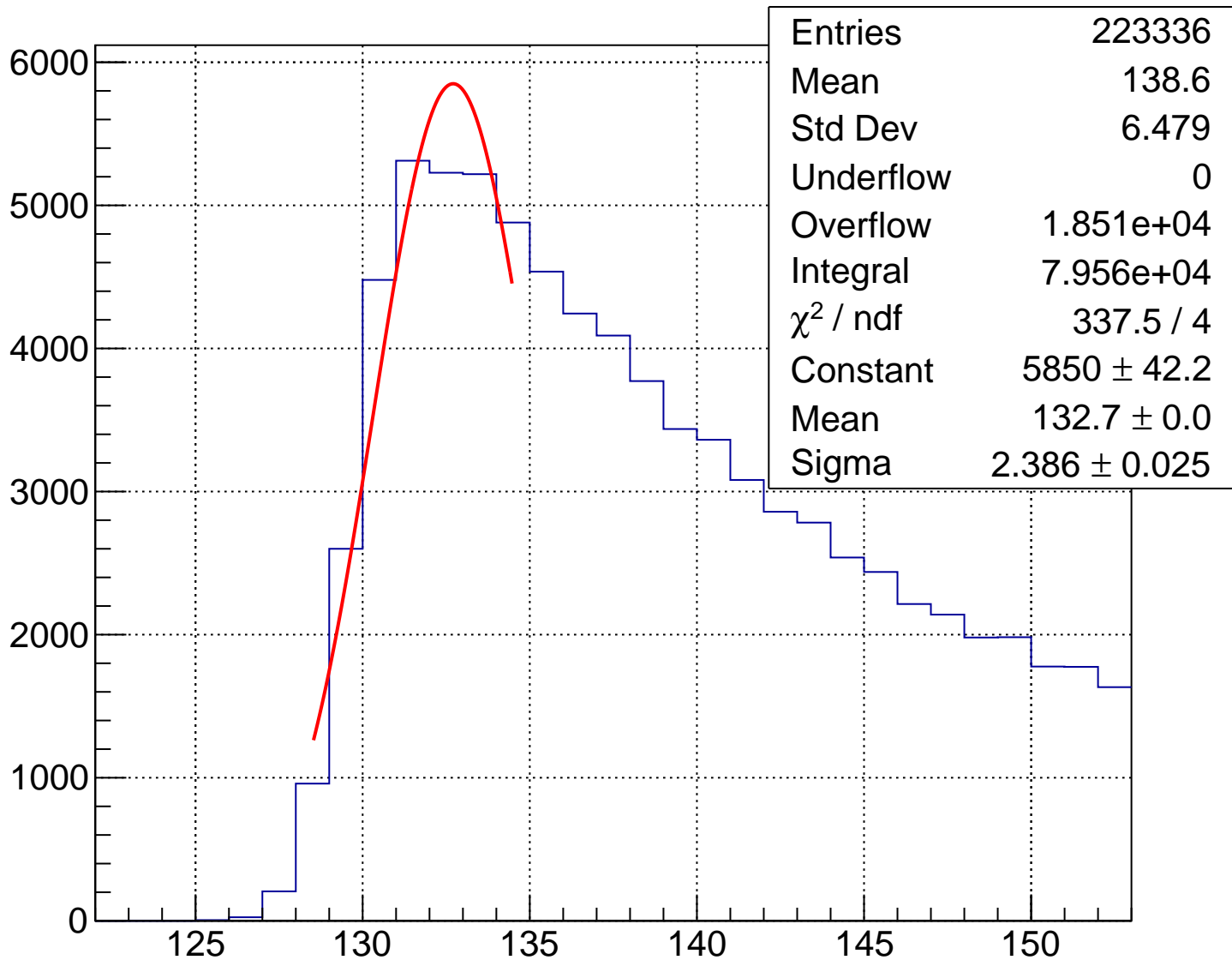
BH1UBG6



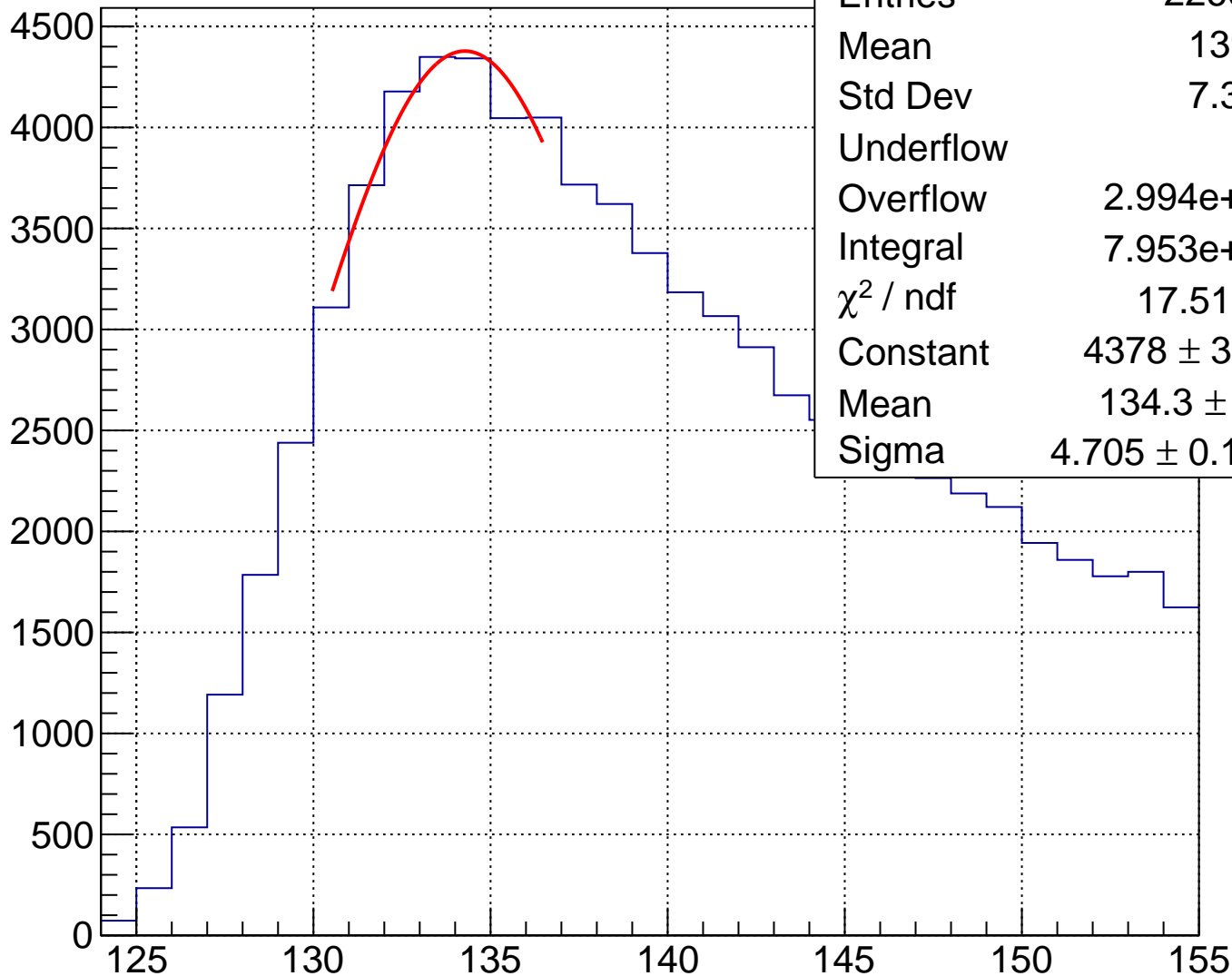
BH1UBG7



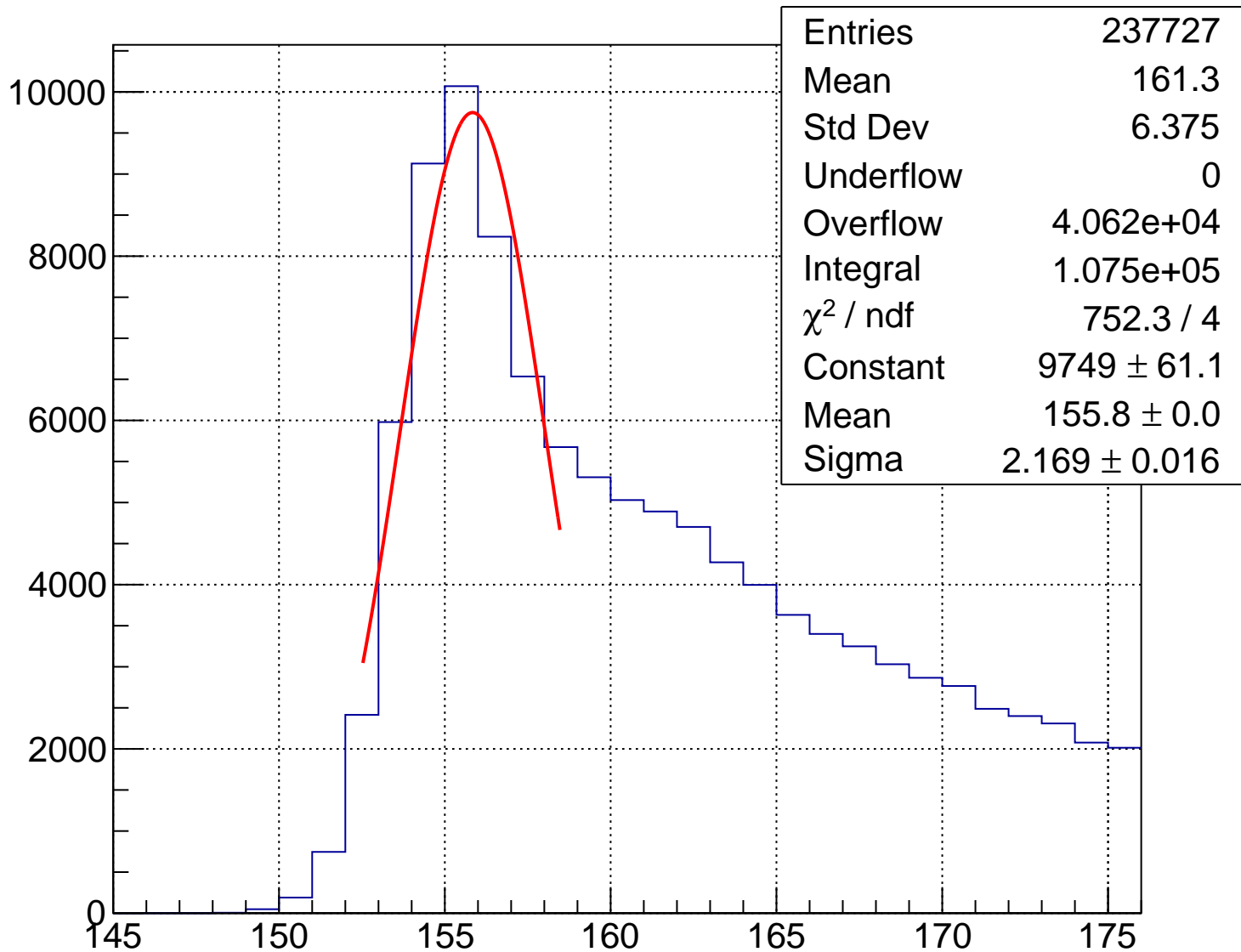
BH1UBG8



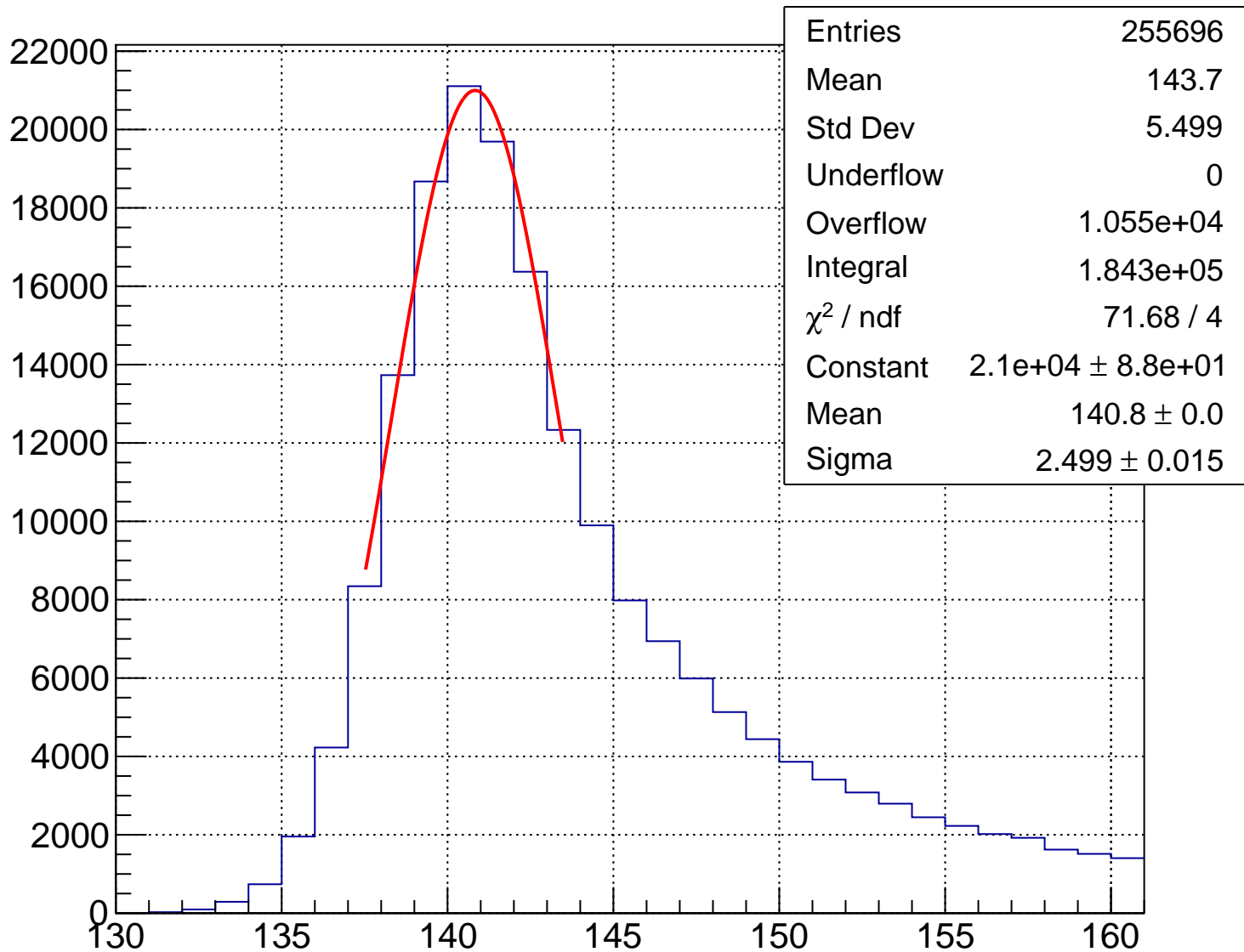
BH1UBG9



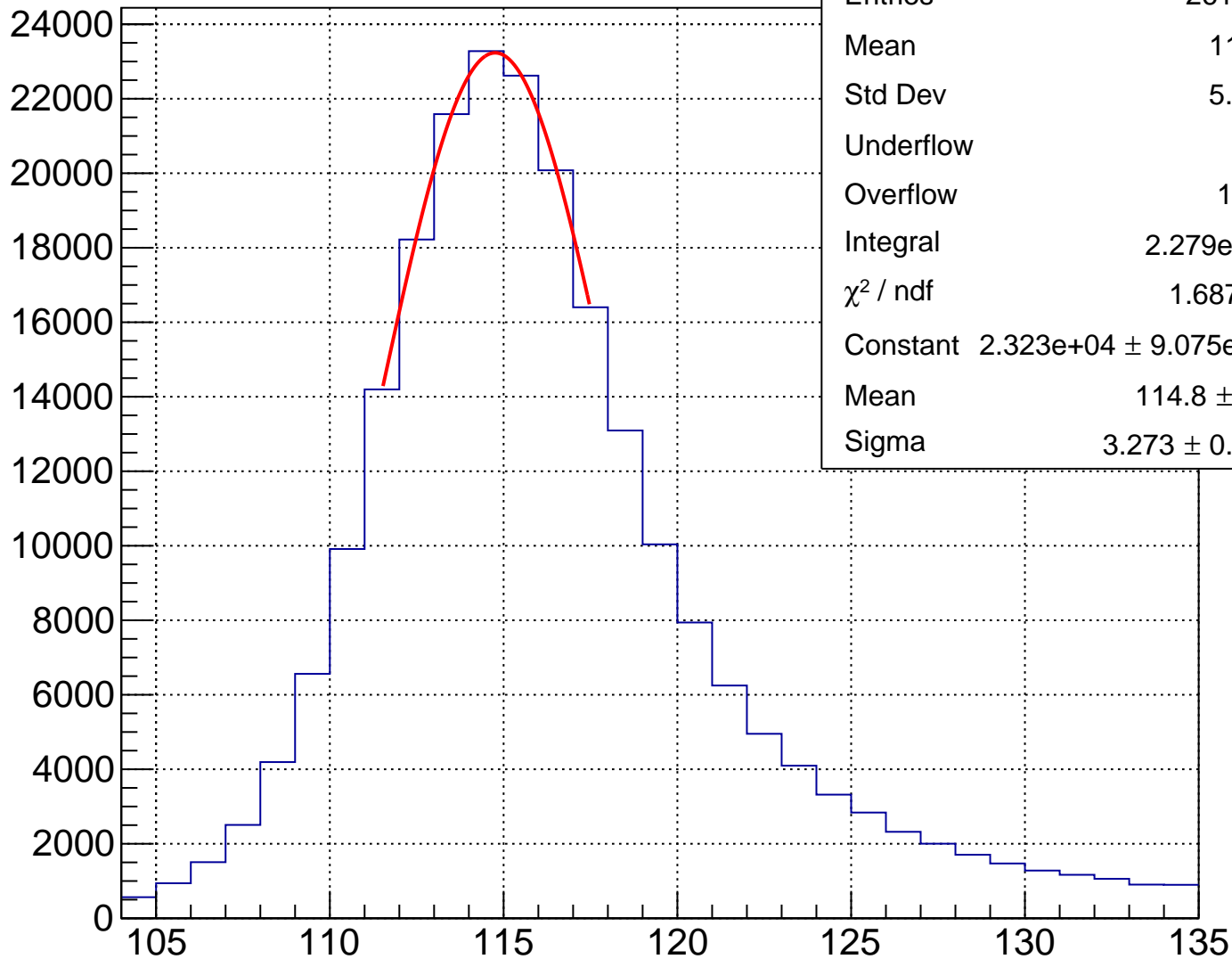
BH1UBG10



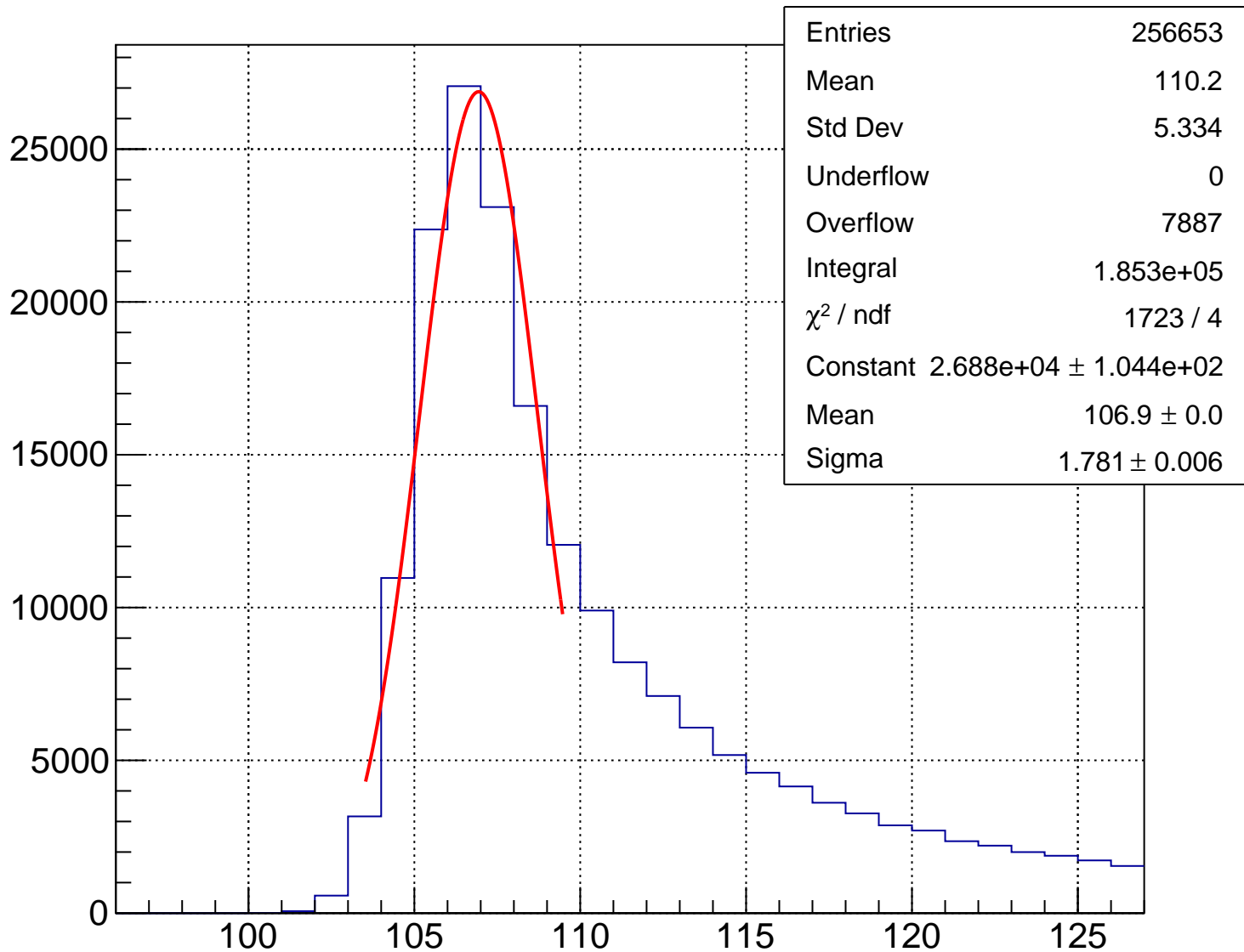
BH1UBG11



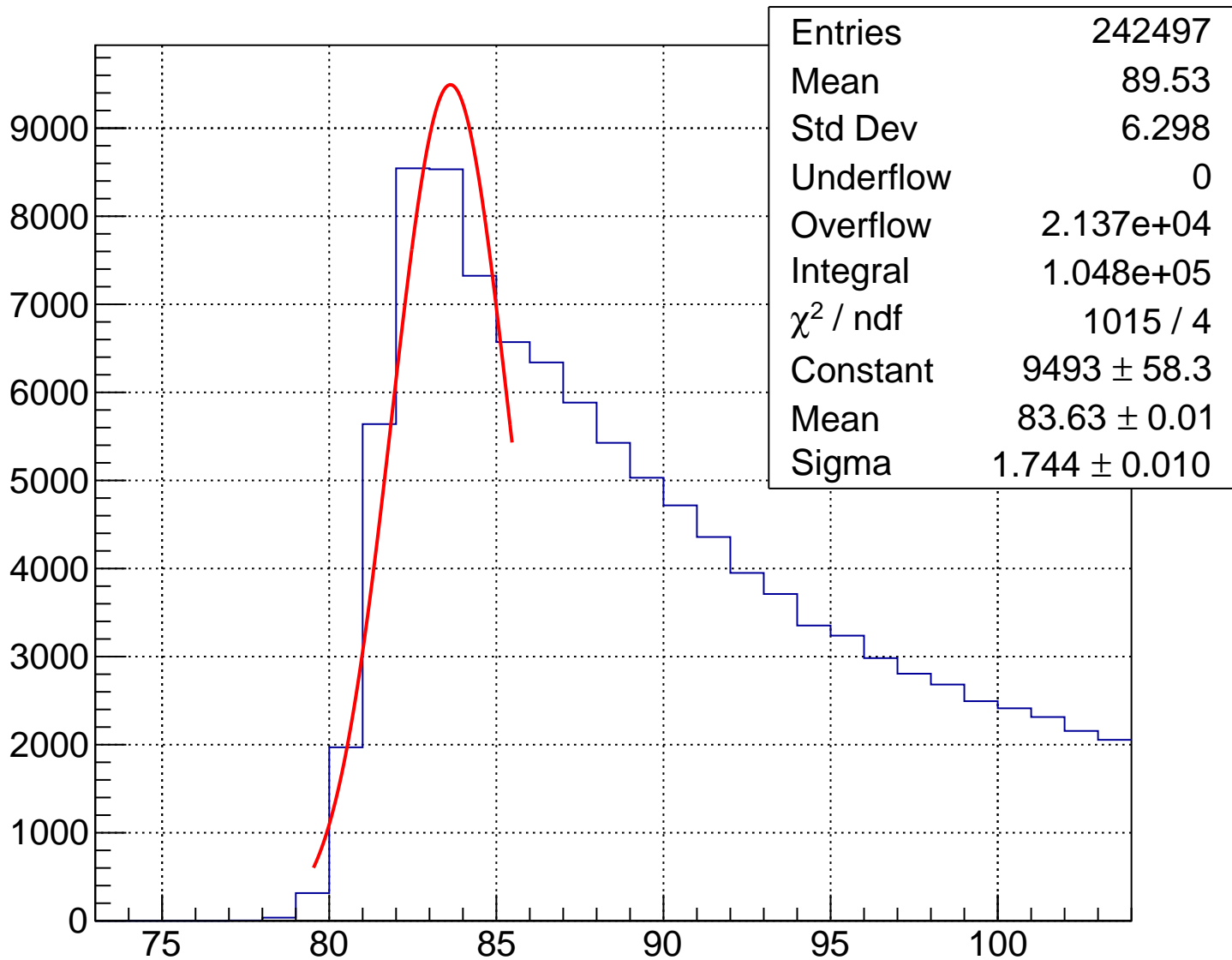
BH1DBG1



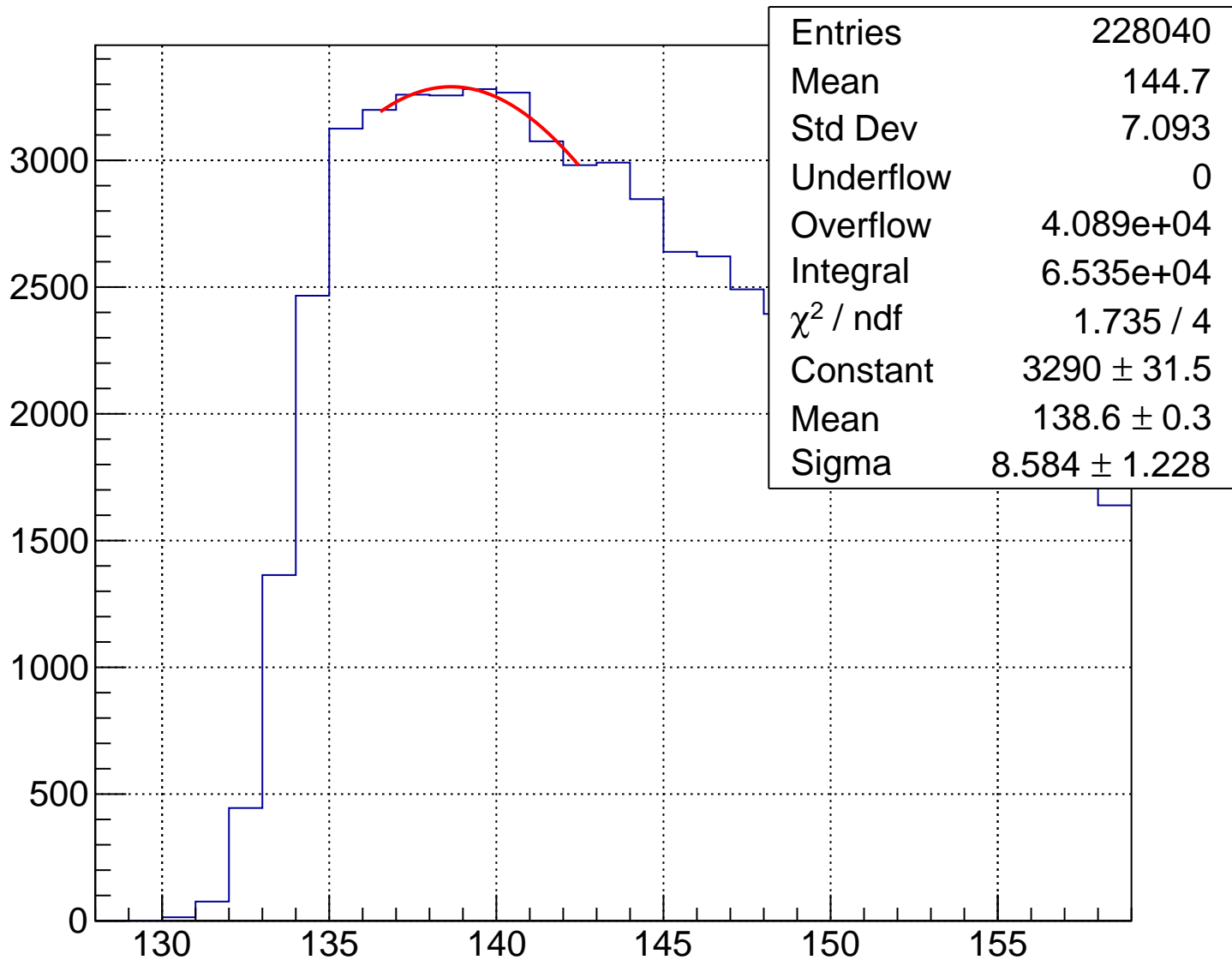
BH1DBG2



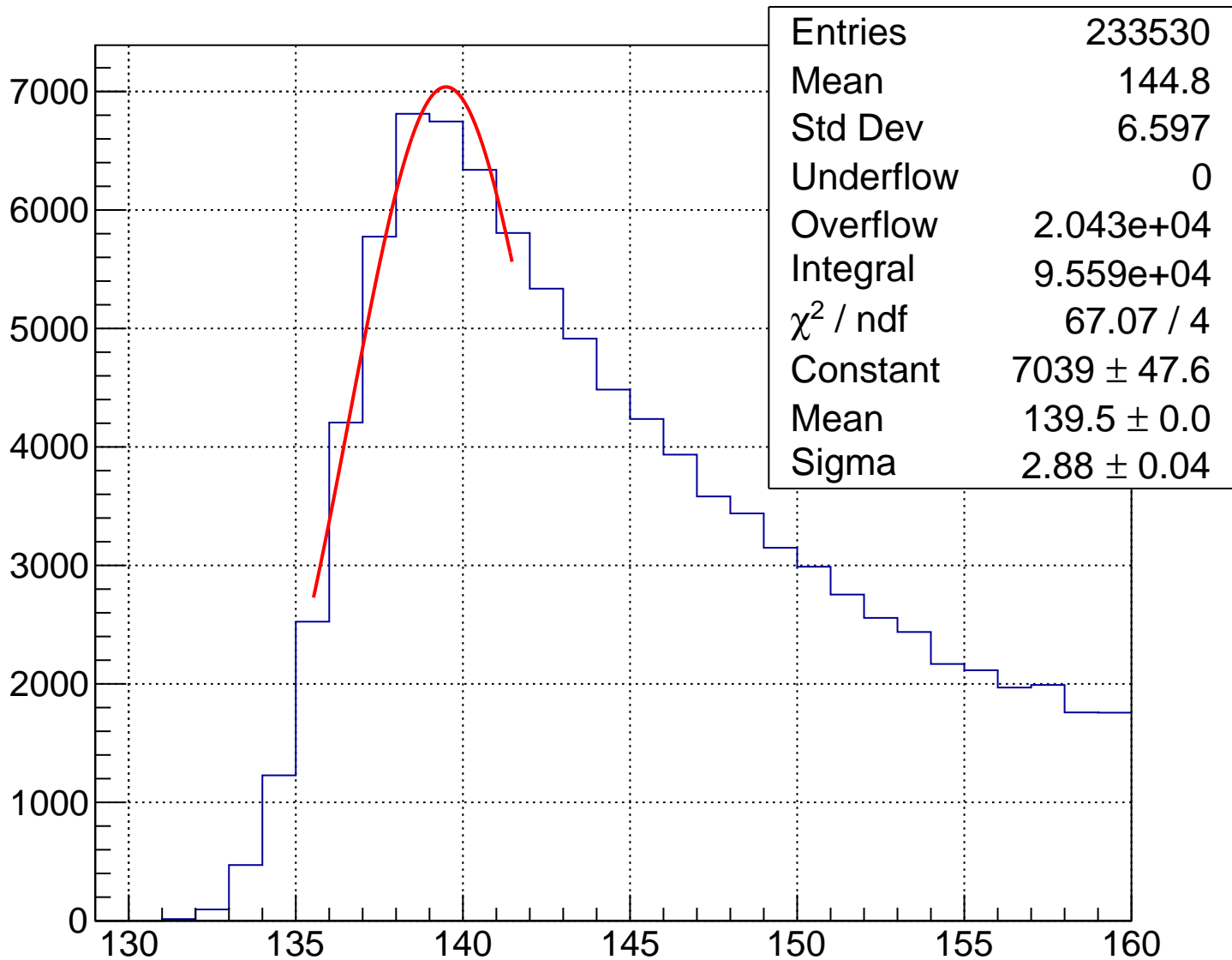
BH1DBG3



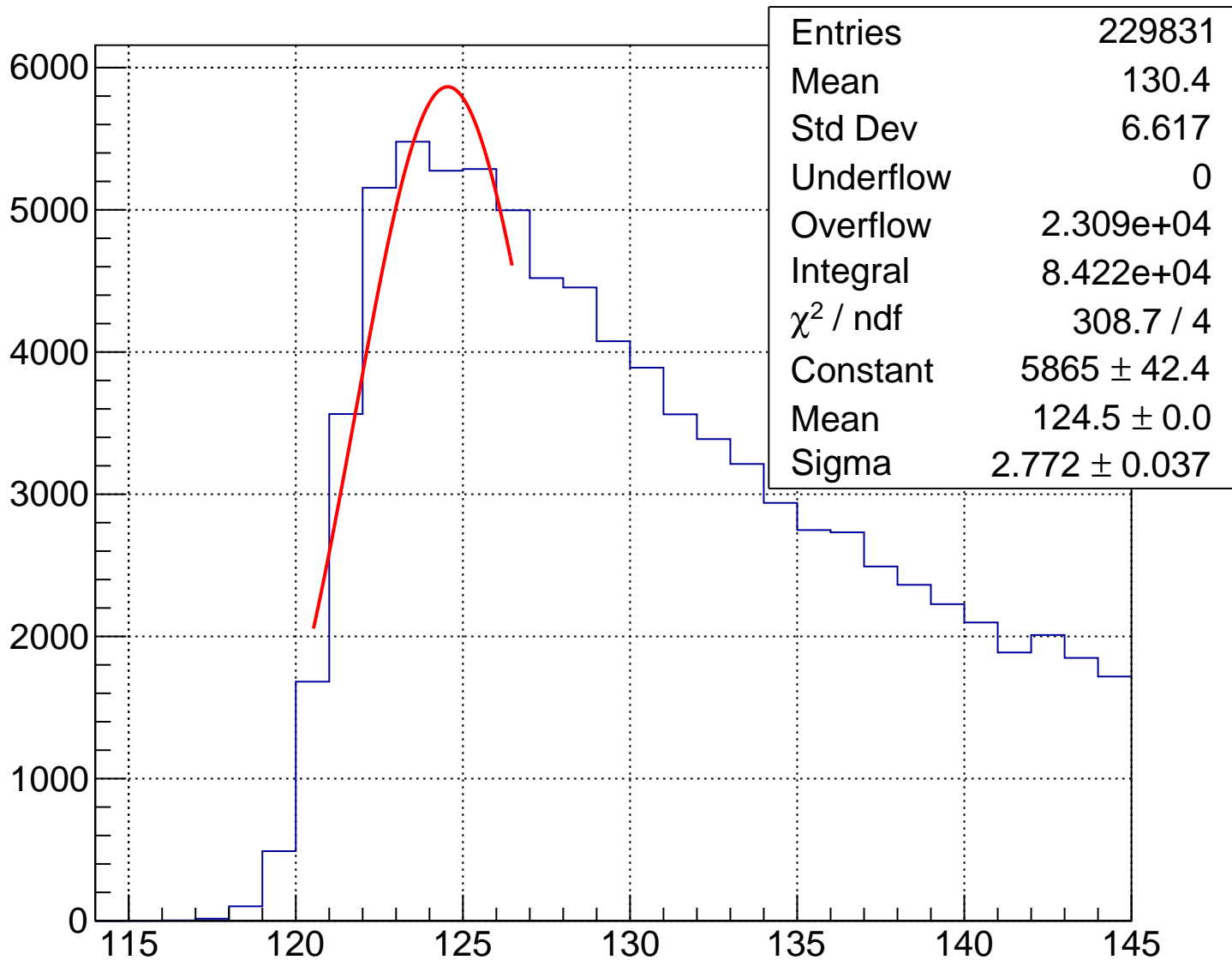
BH1DBG4



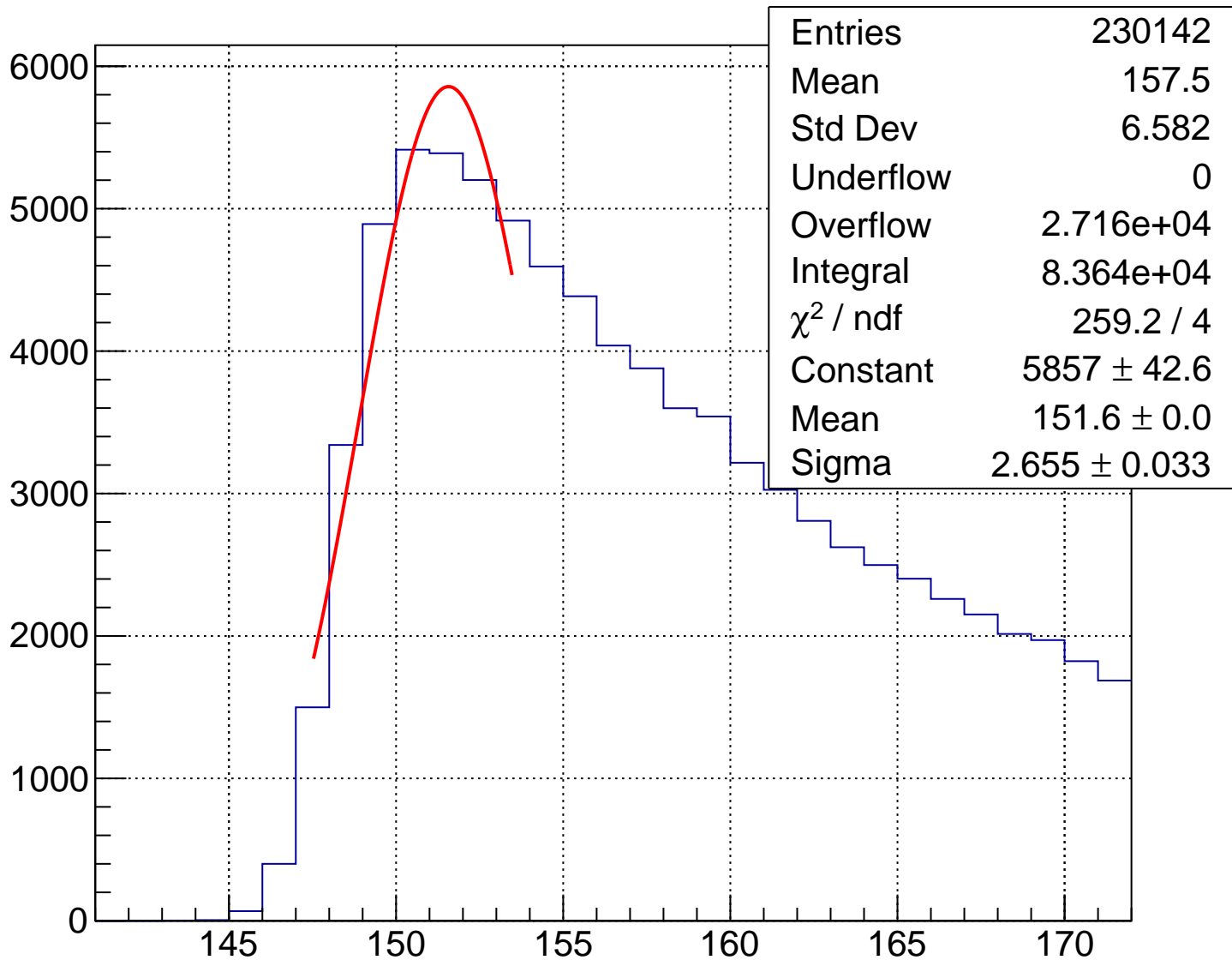
BH1DBG5



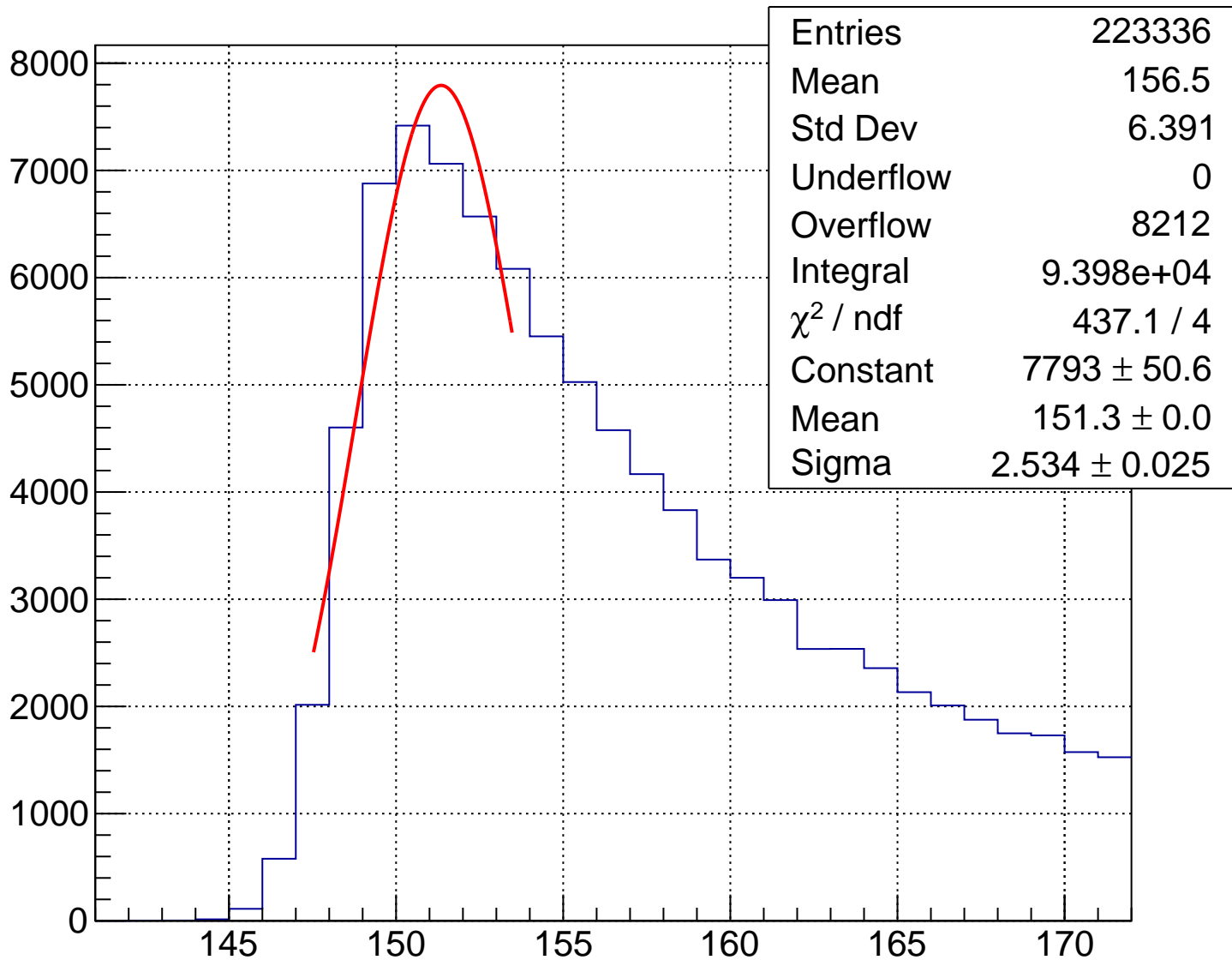
BH1DBG6



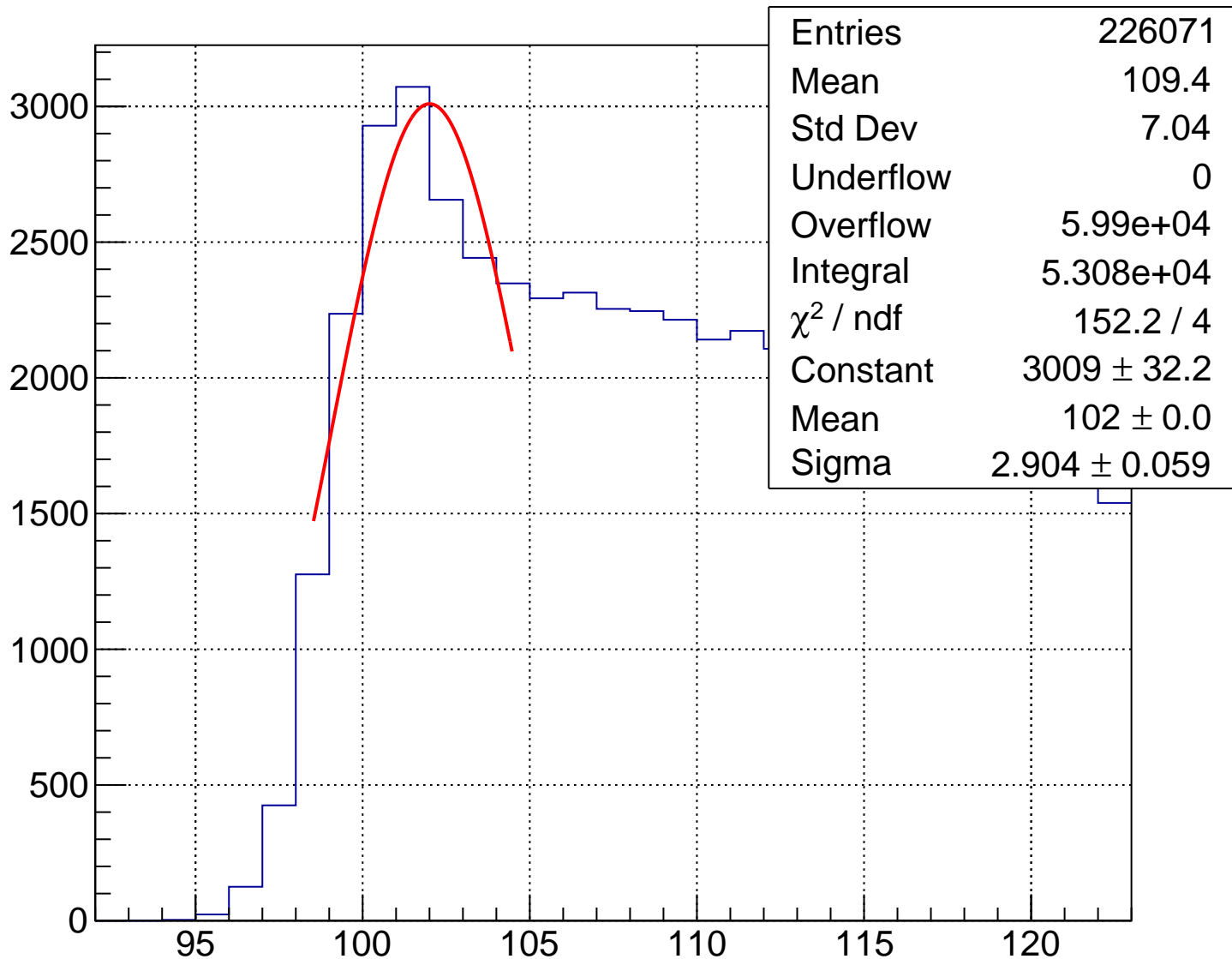
BH1DBG7



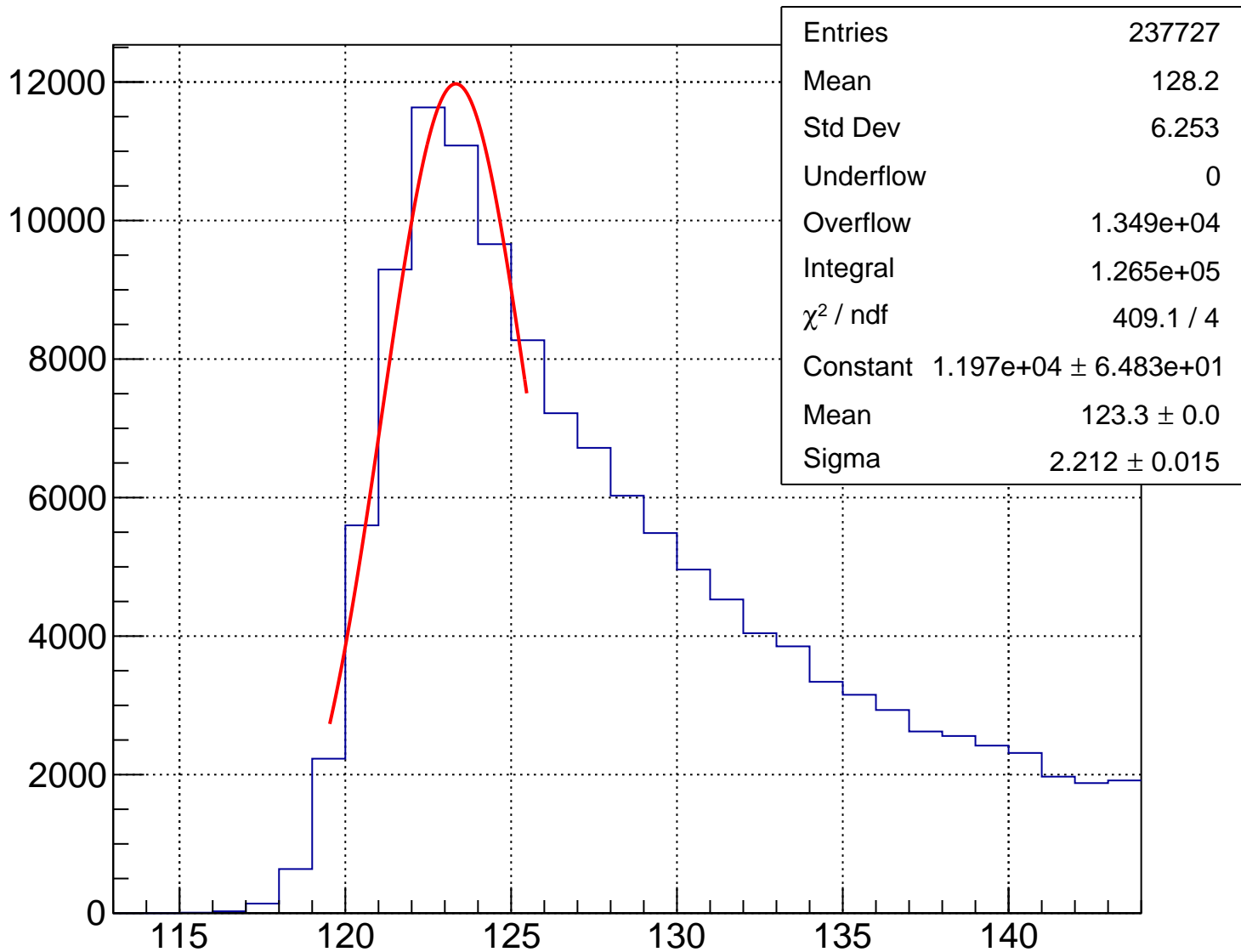
BH1DBG8



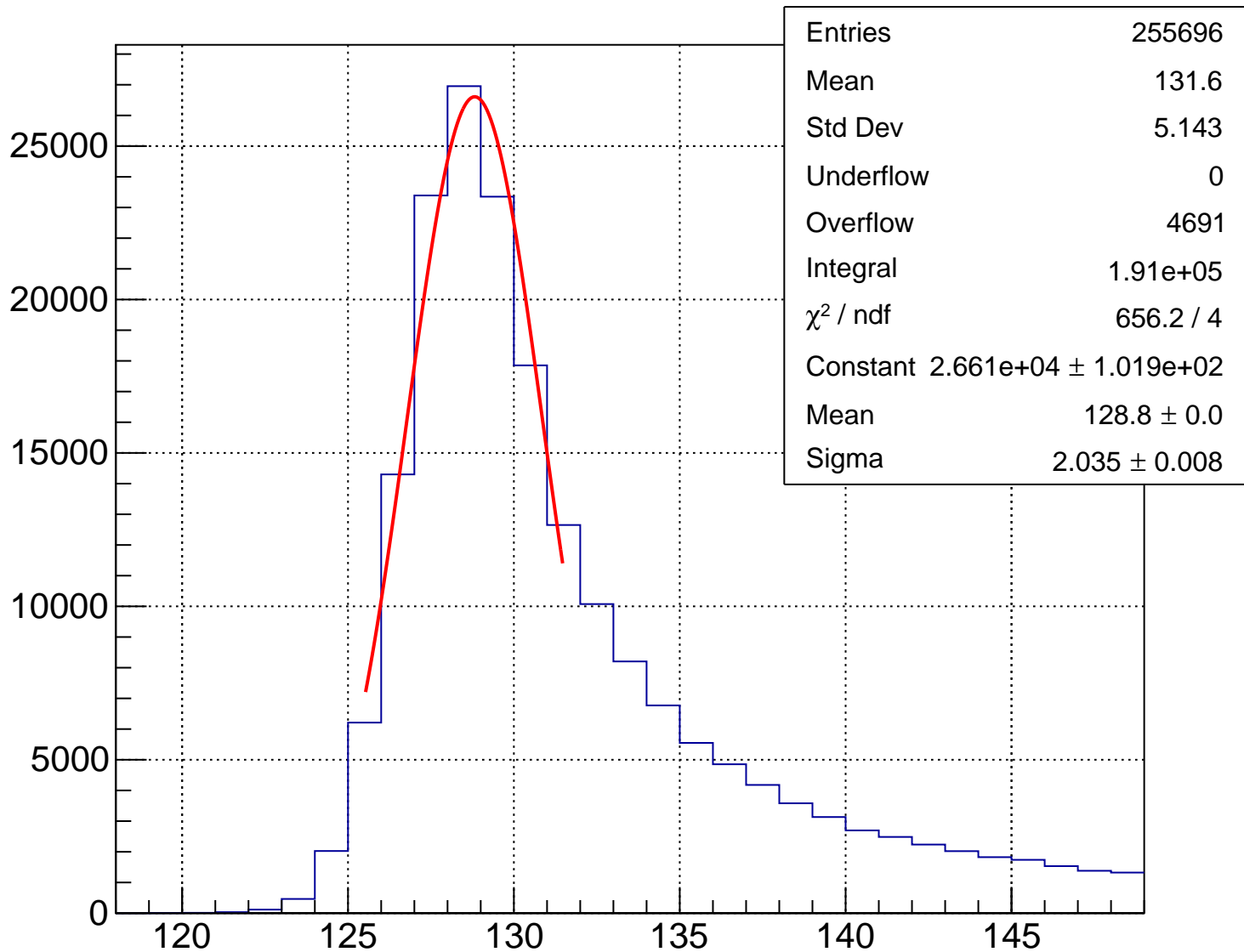
BH1DBG9



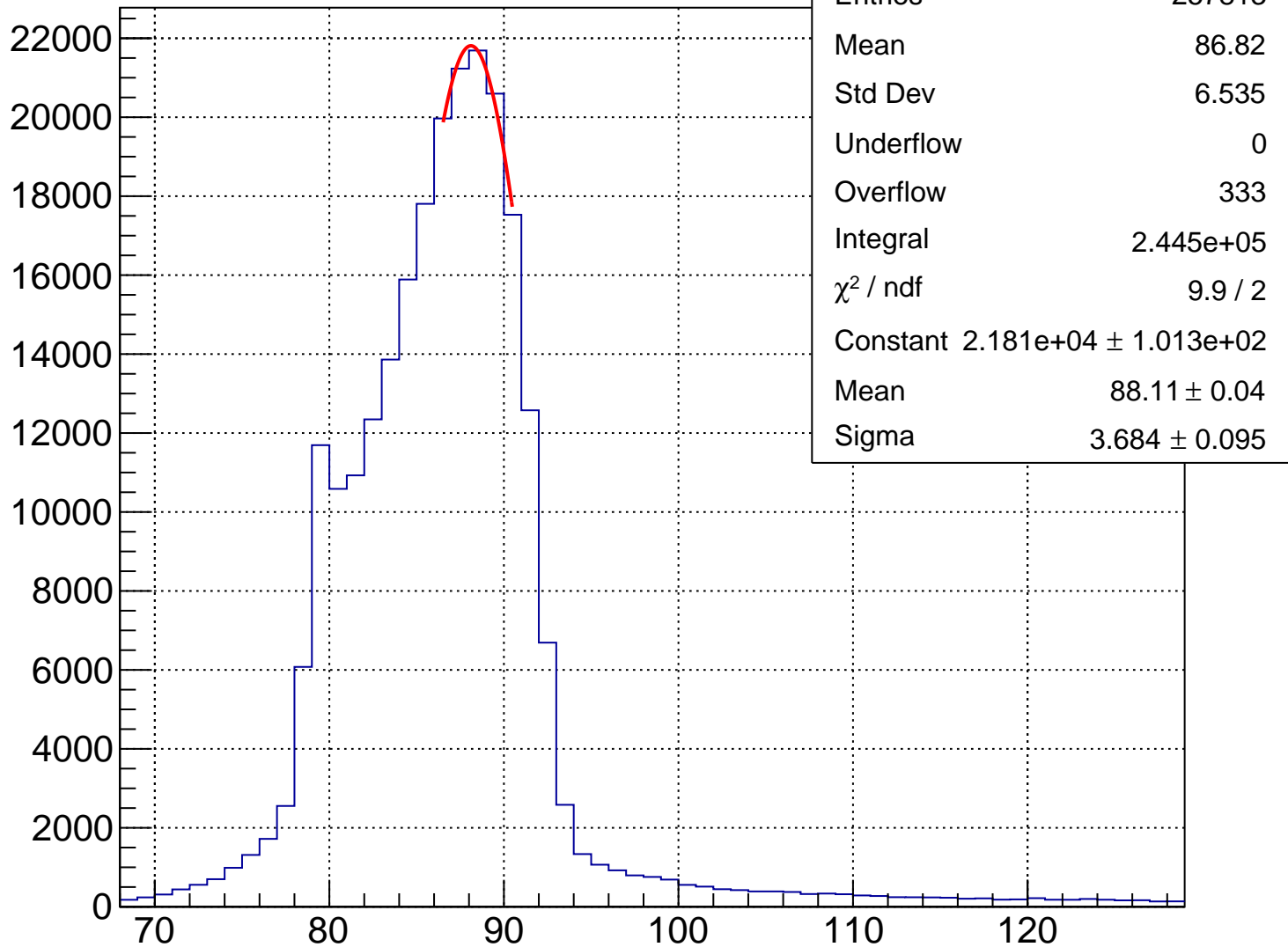
BH1DBG10



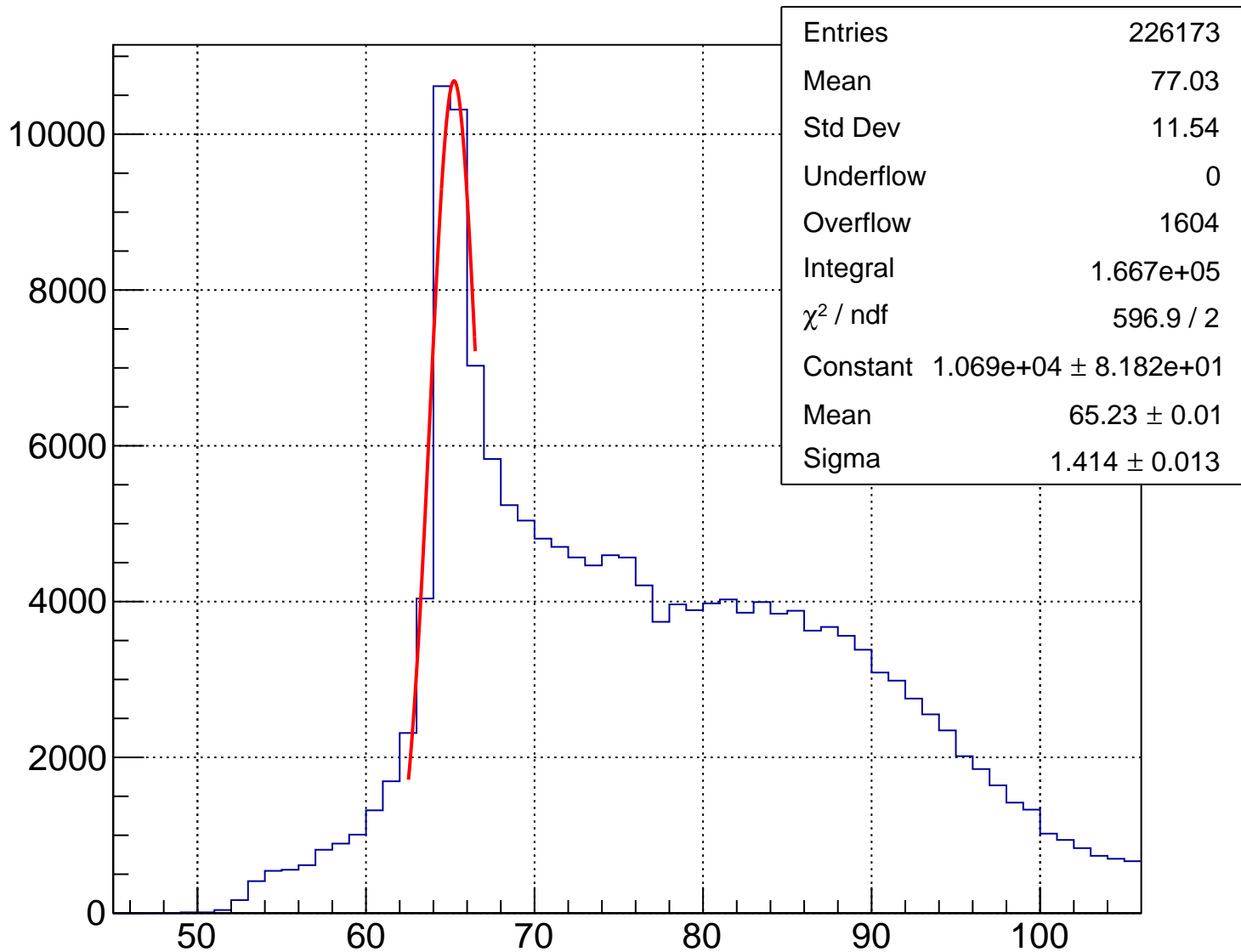
BH1DBG11



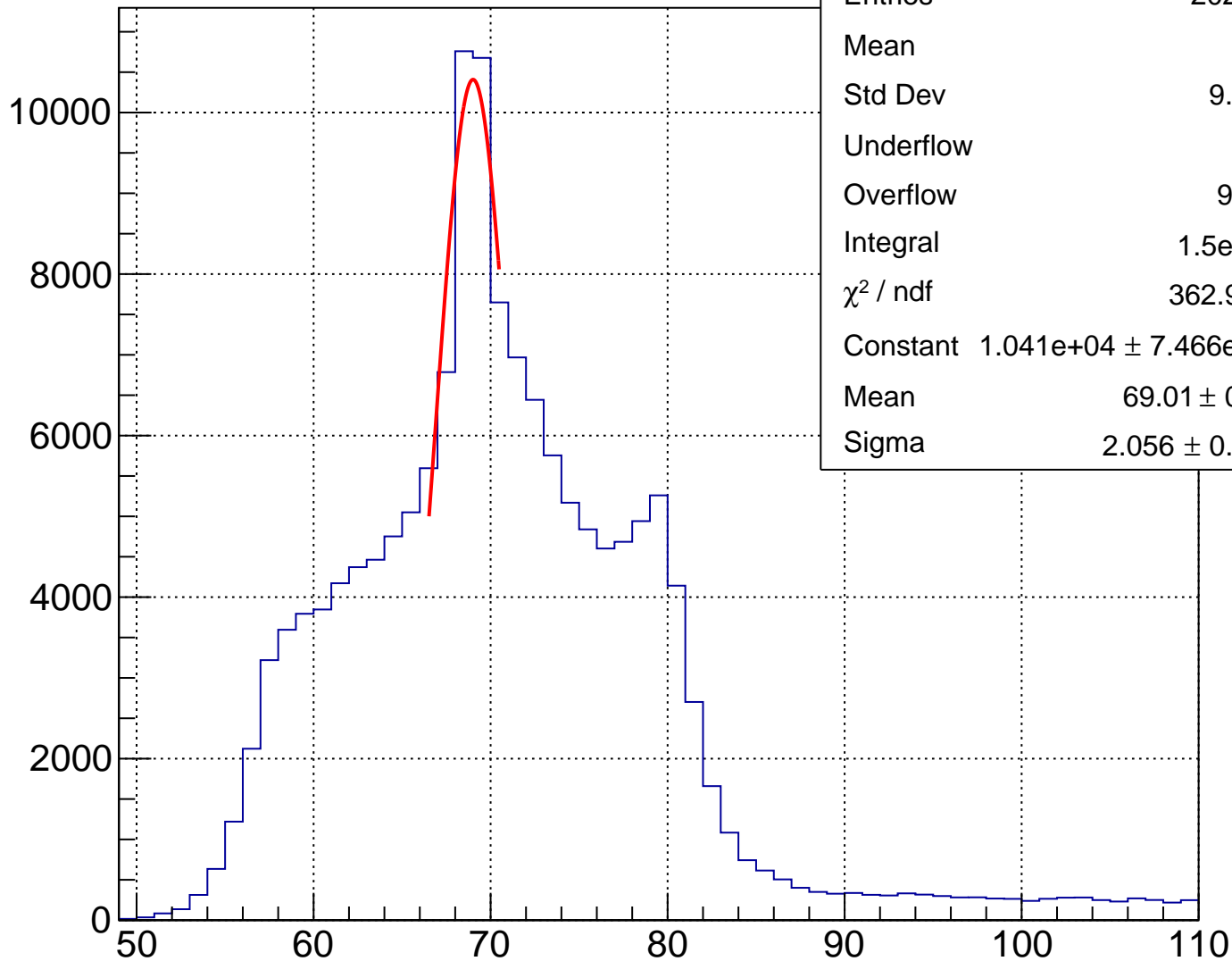
BH2UBG1



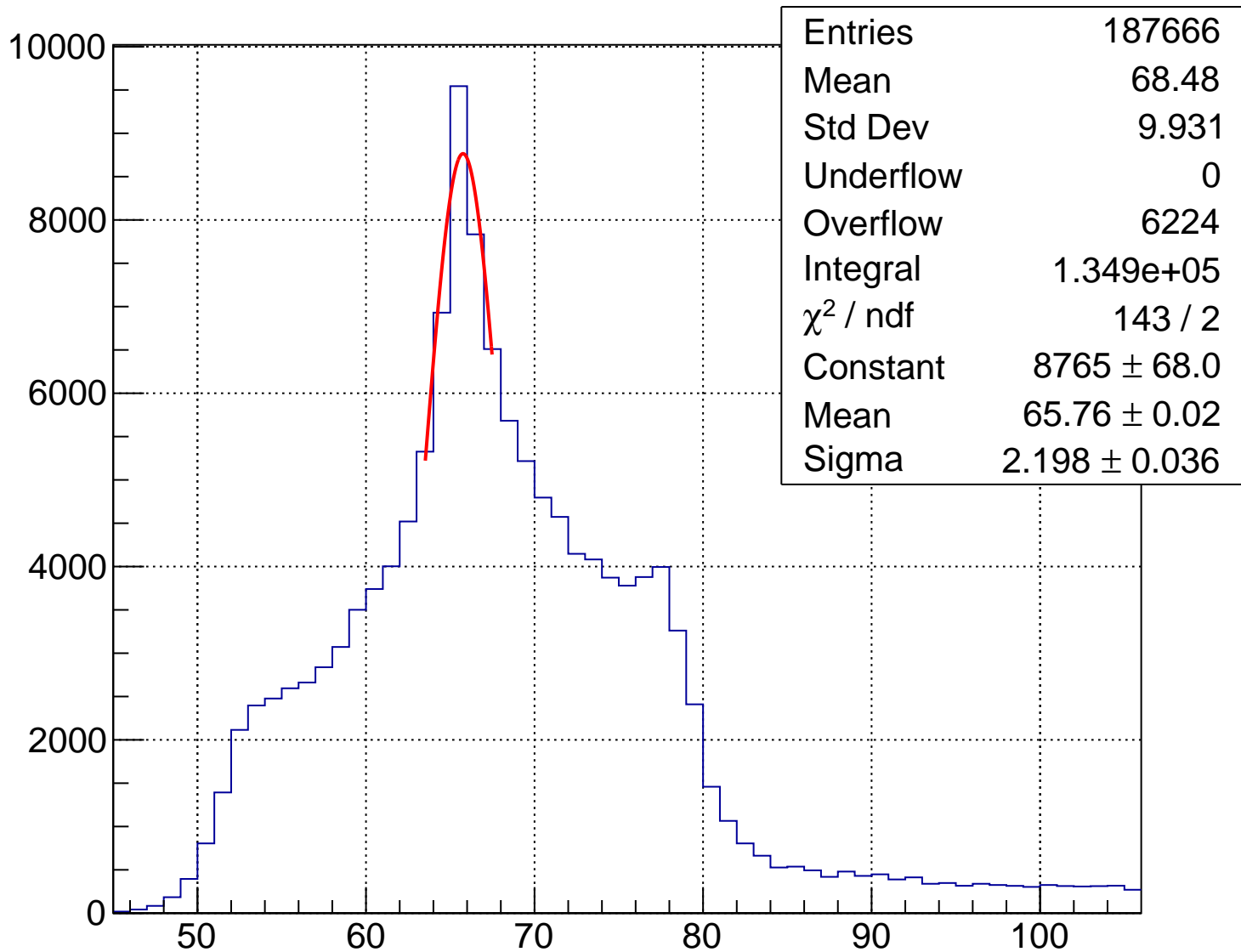
BH2UBG2



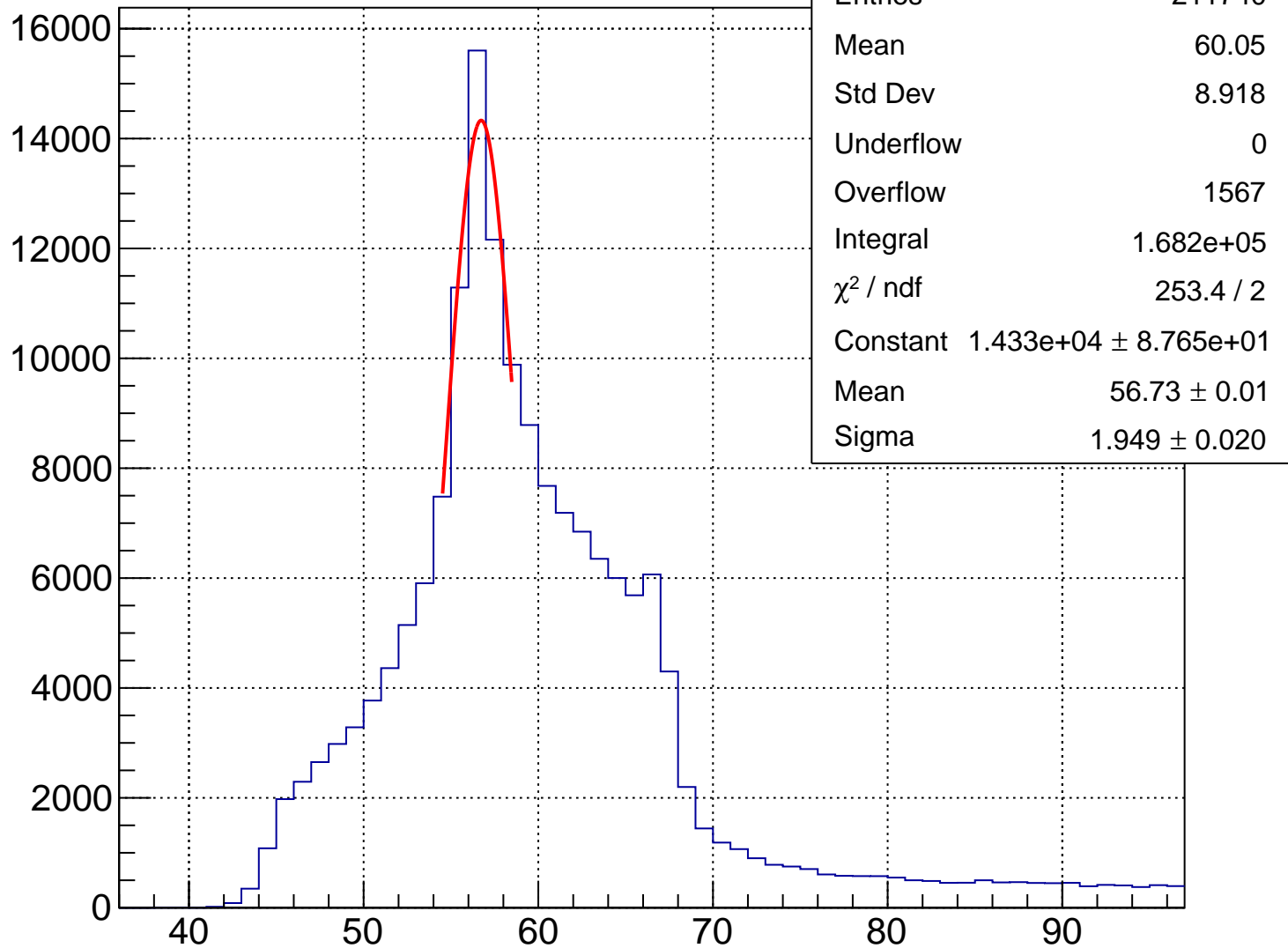
BH2UBG3



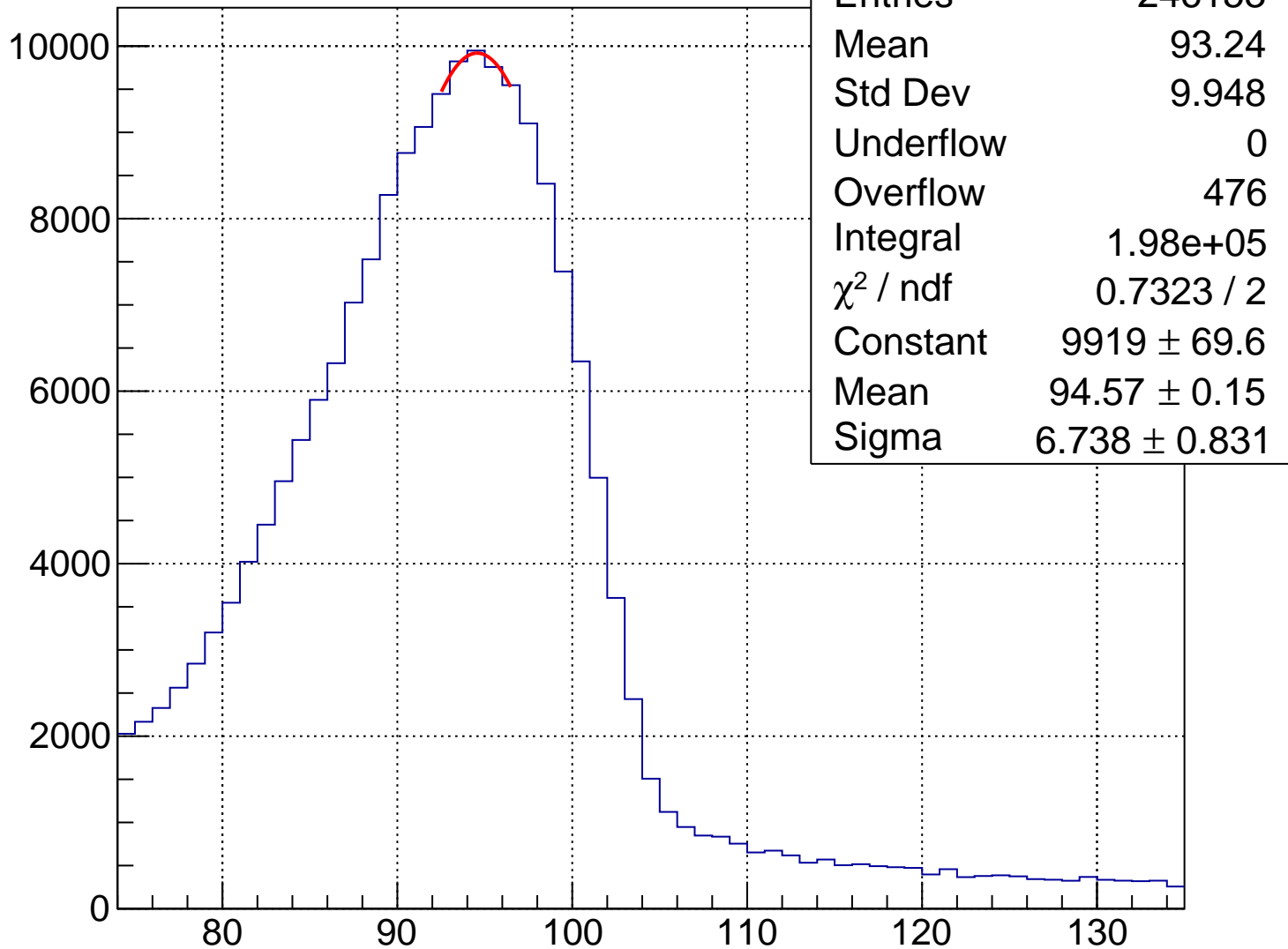
BH2UBG4



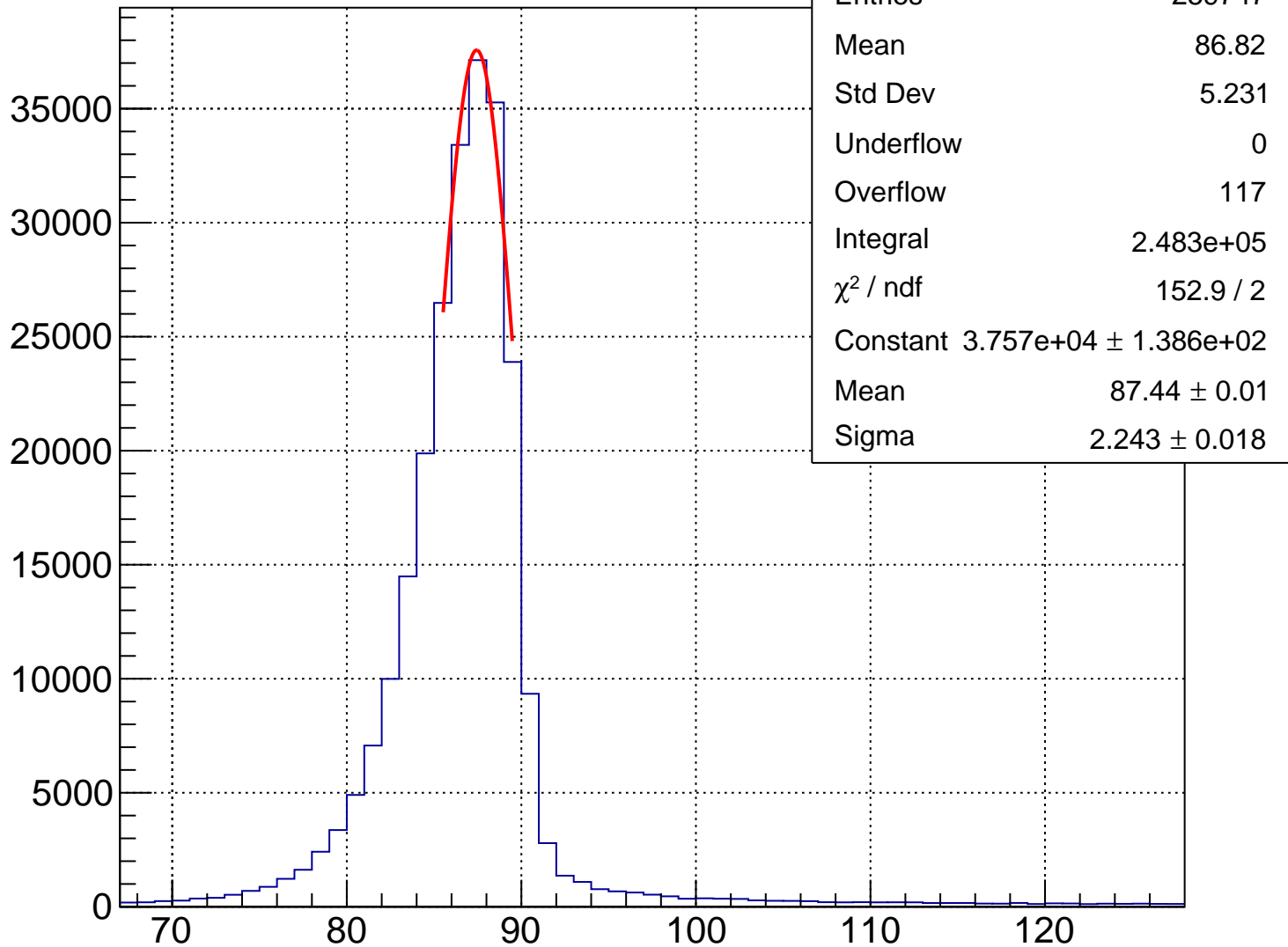
BH2UBG5



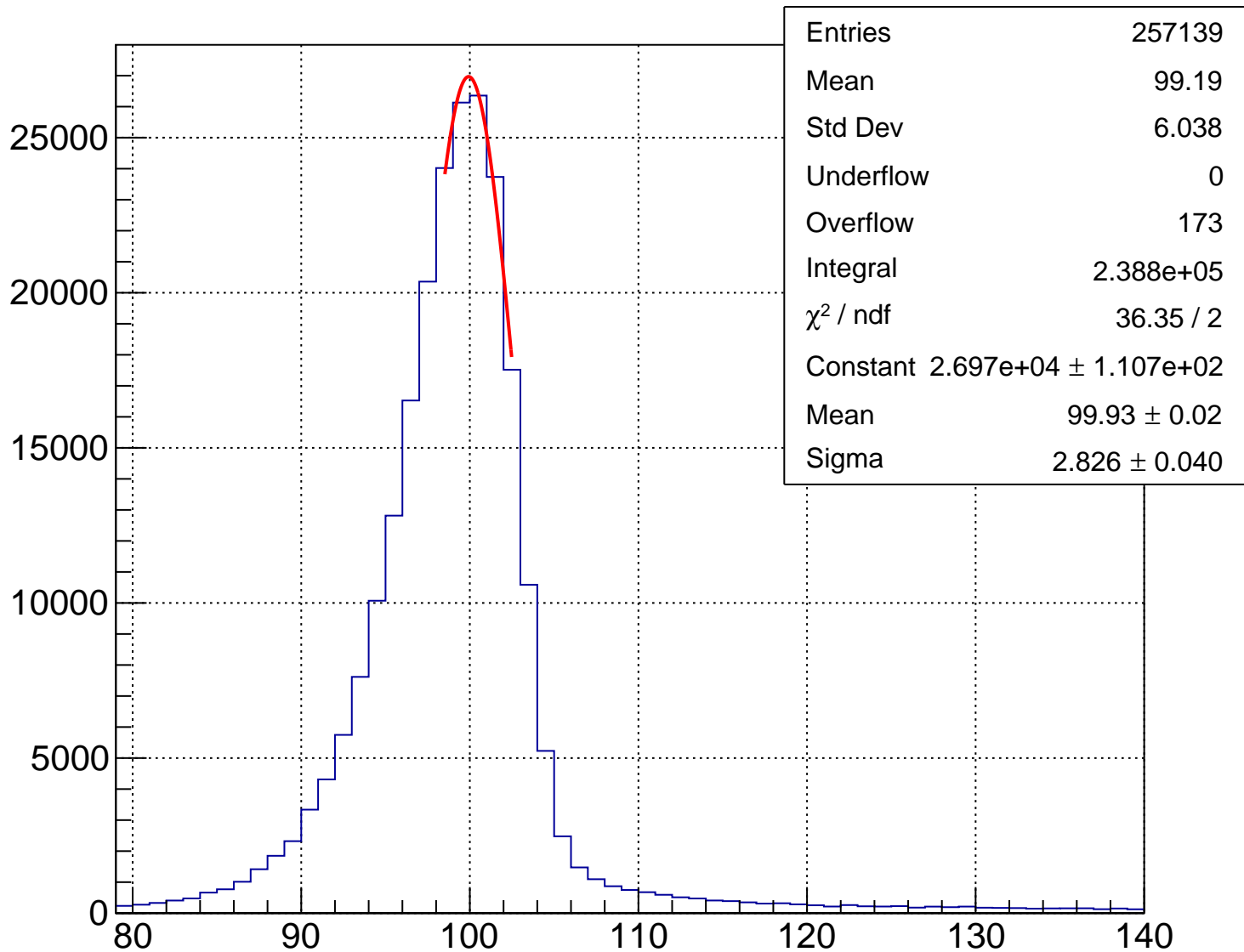
BH2UBG6



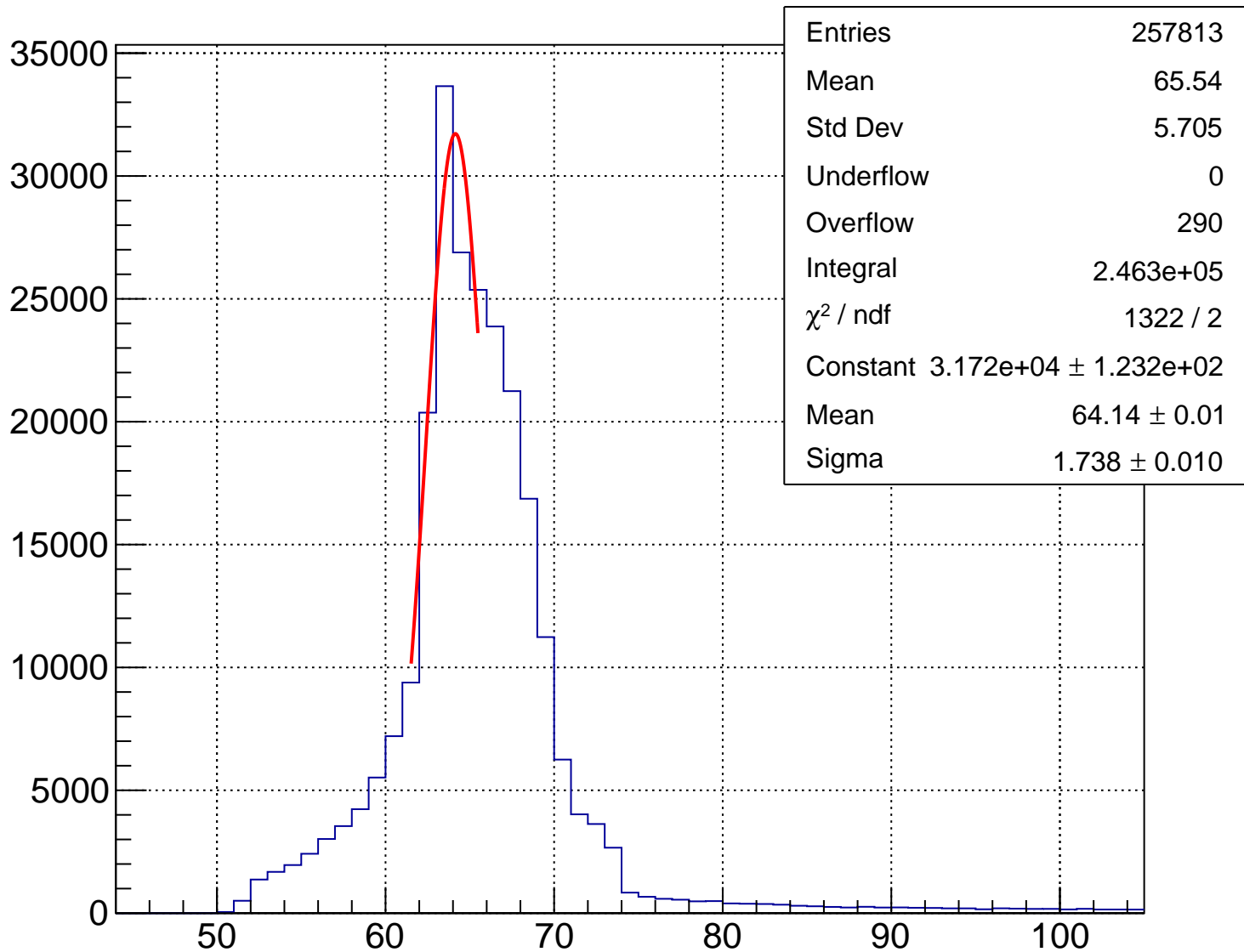
BH2UBG7



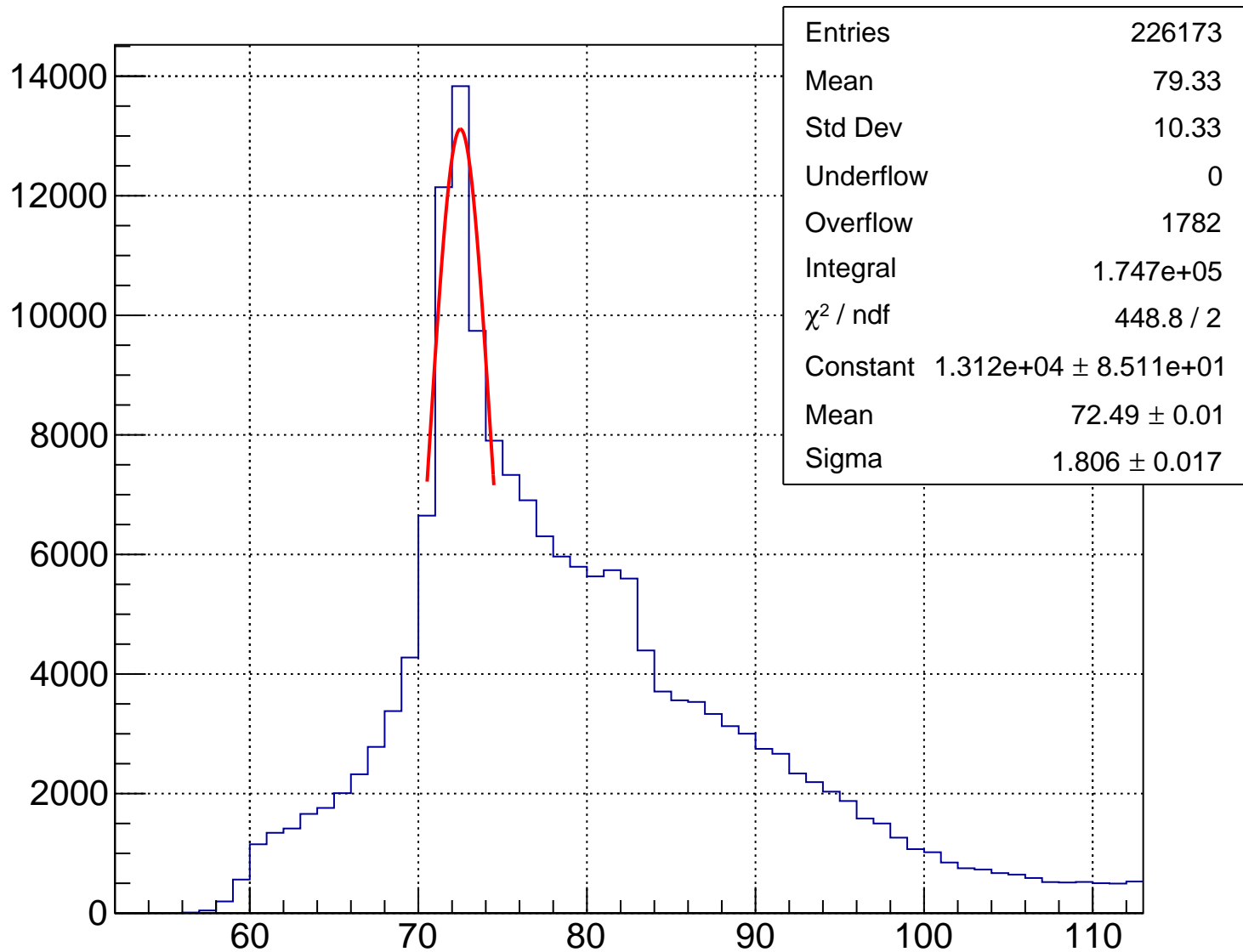
BH2UBG8



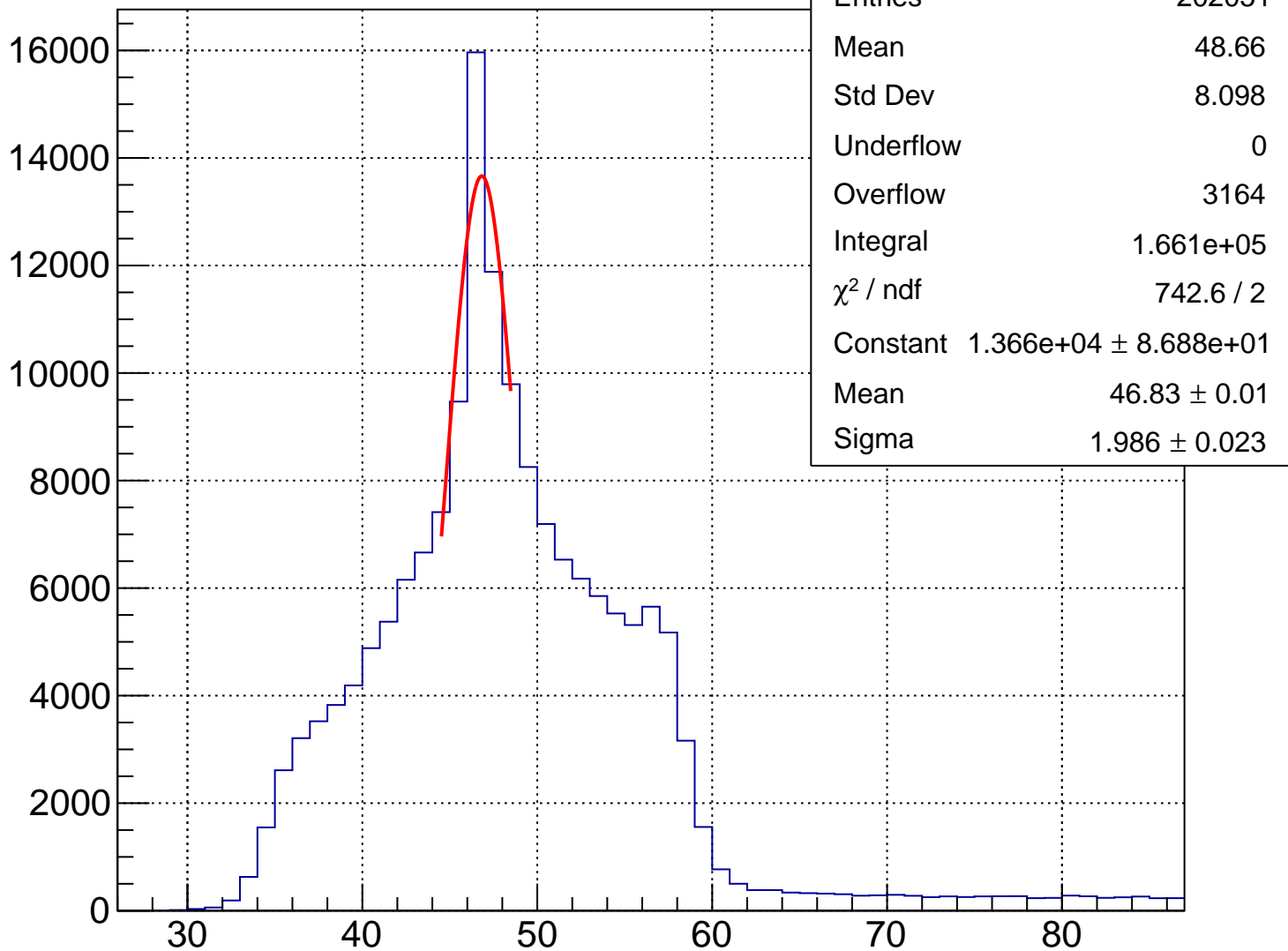
BH2DBG1



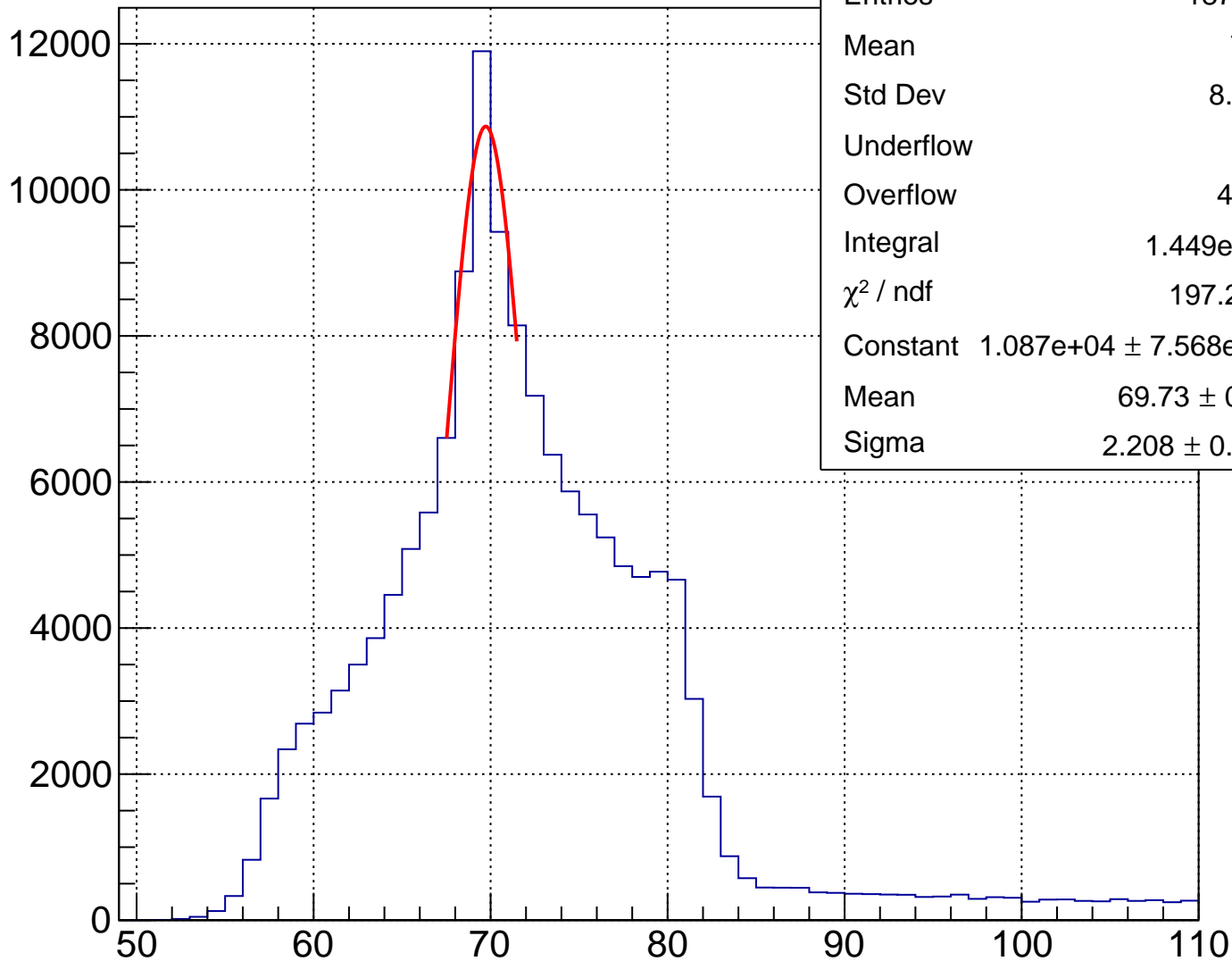
BH2DBG2



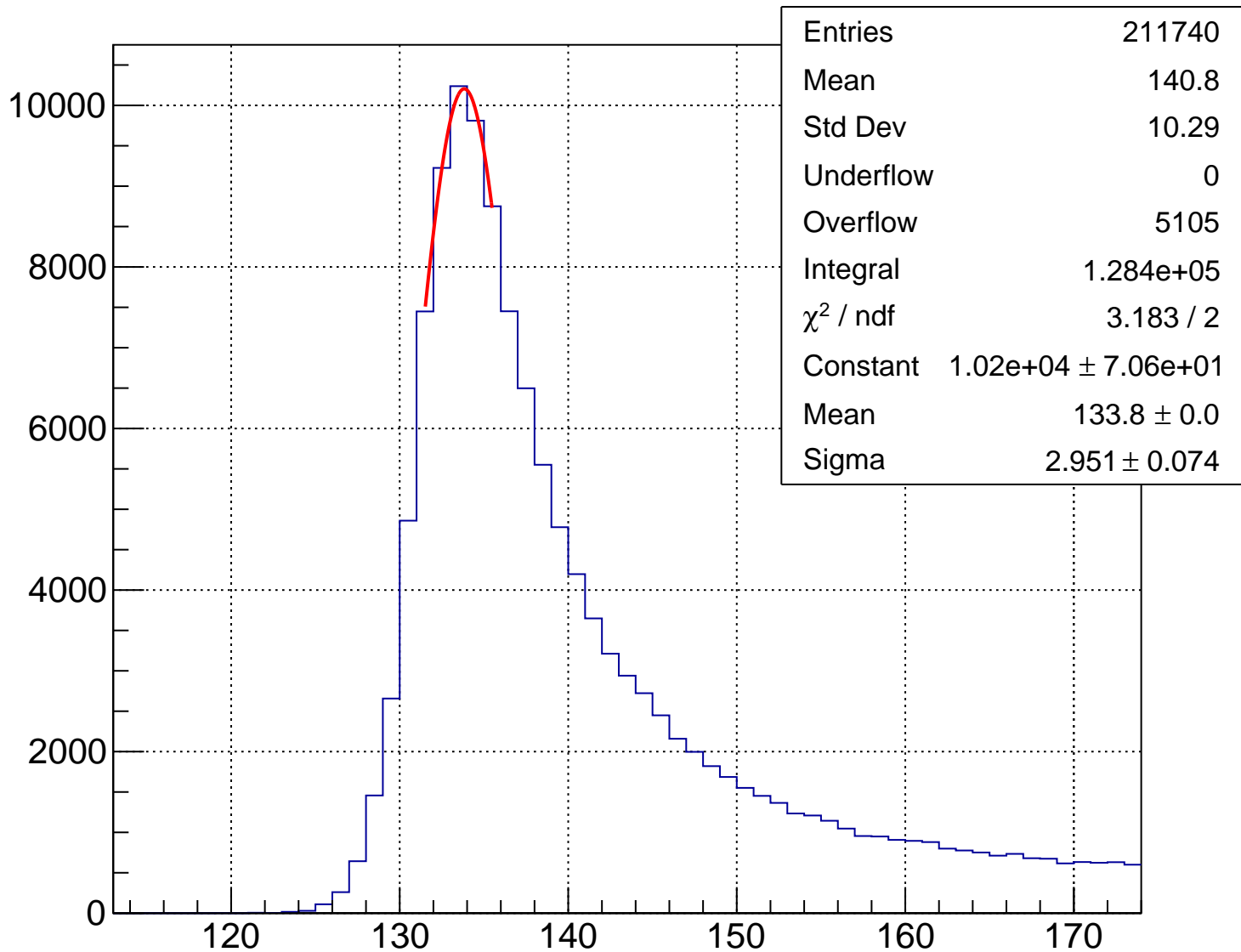
BH2DBG3



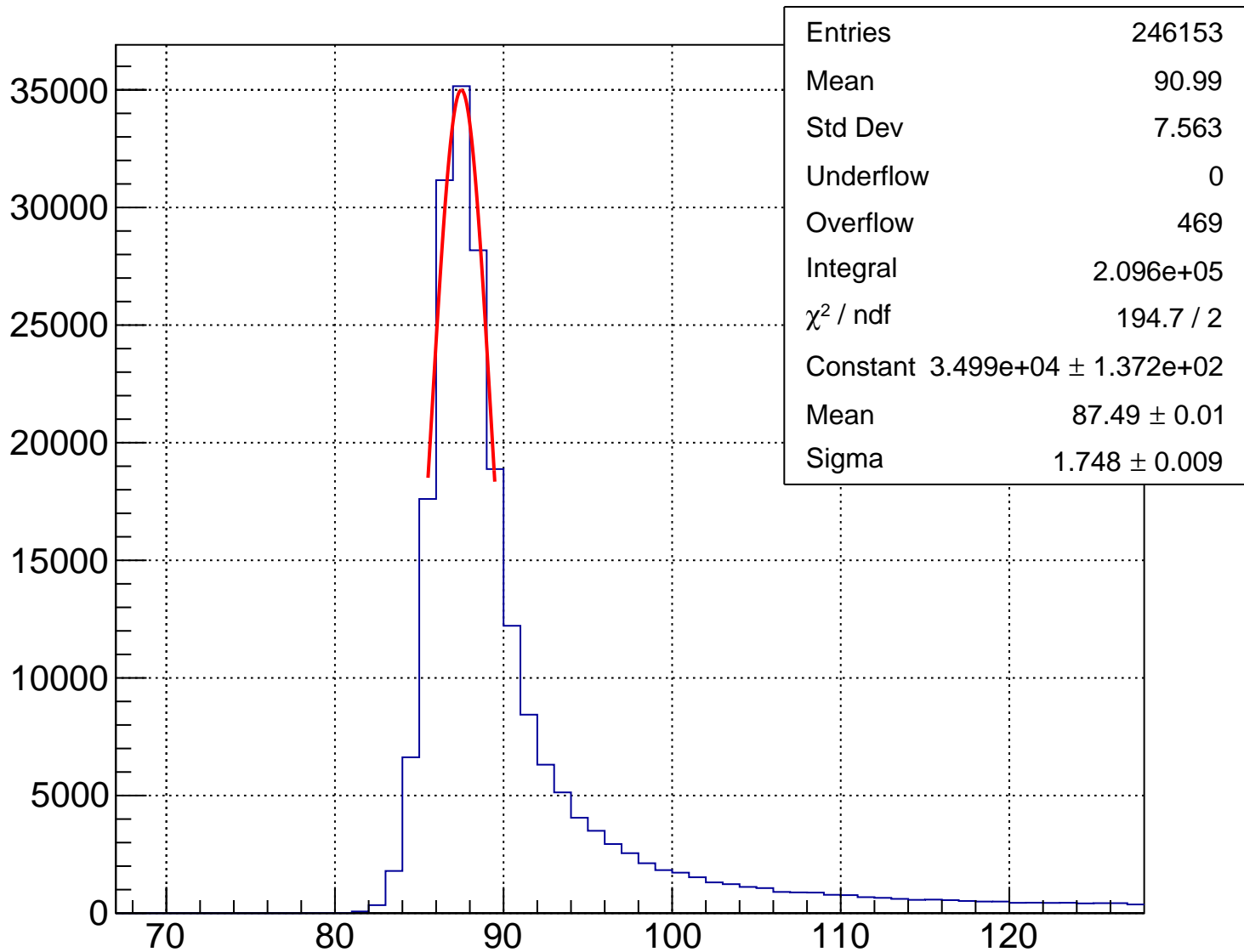
BH2DBG4



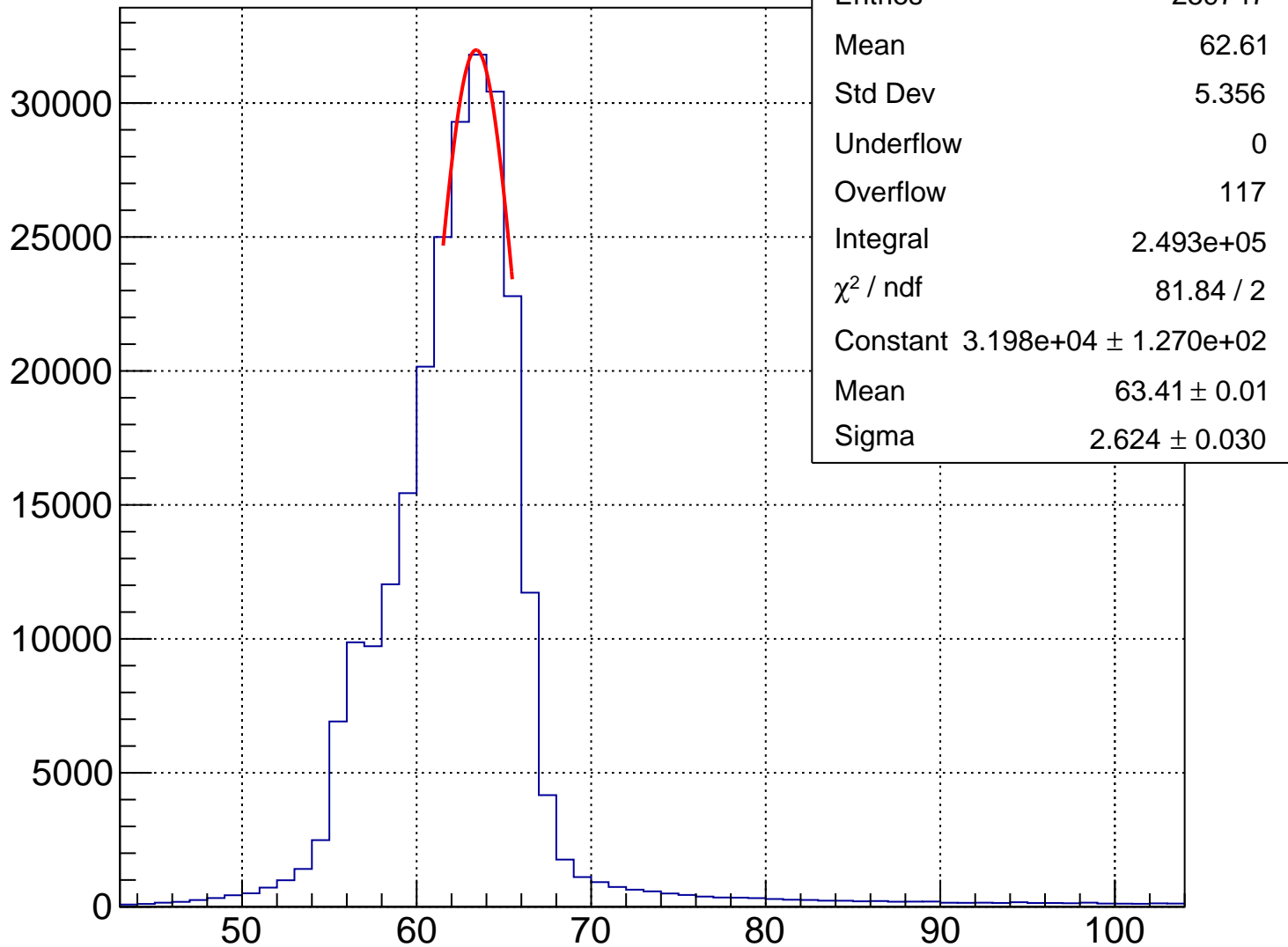
BH2DBG5



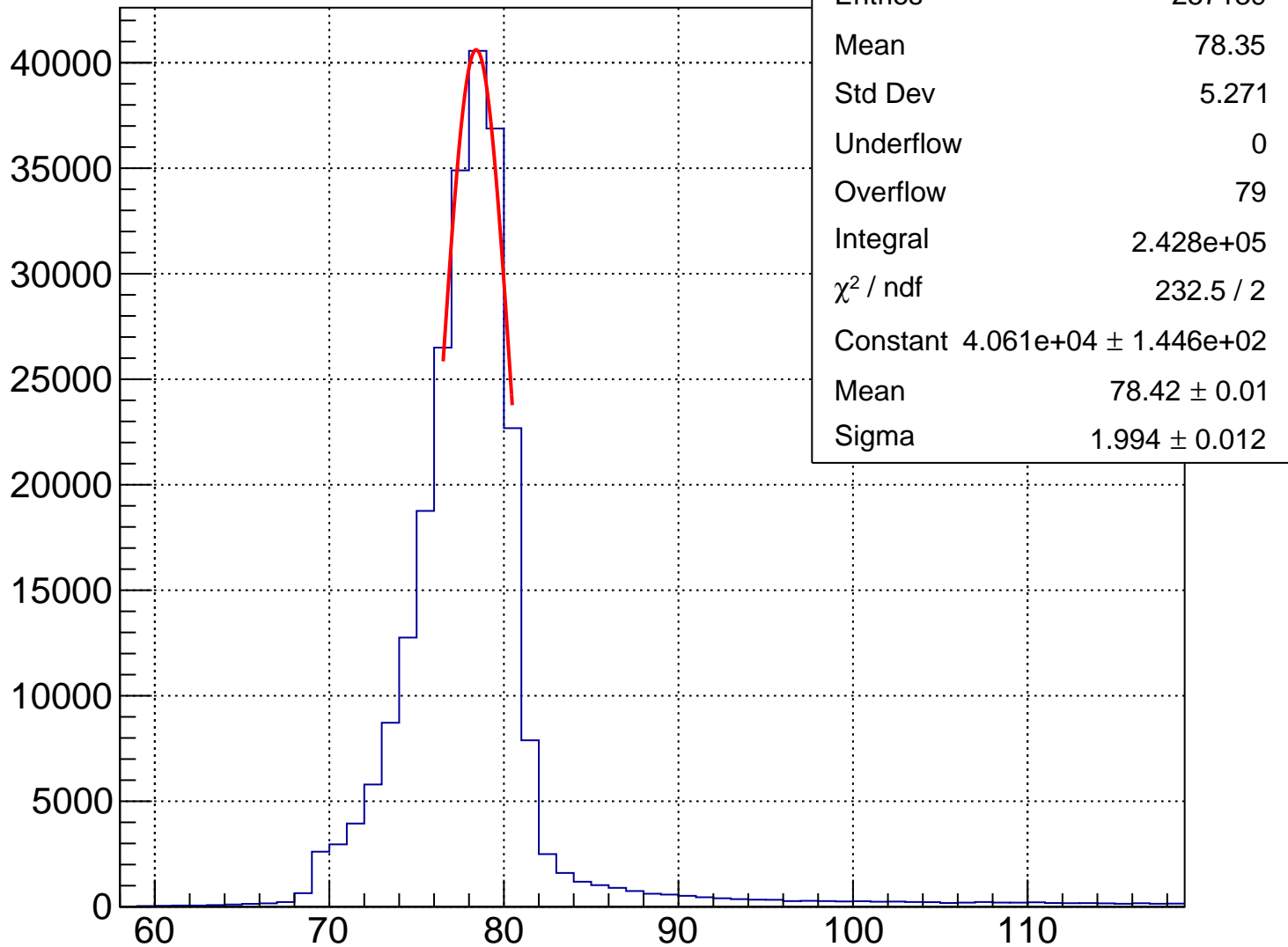
BH2DBG6



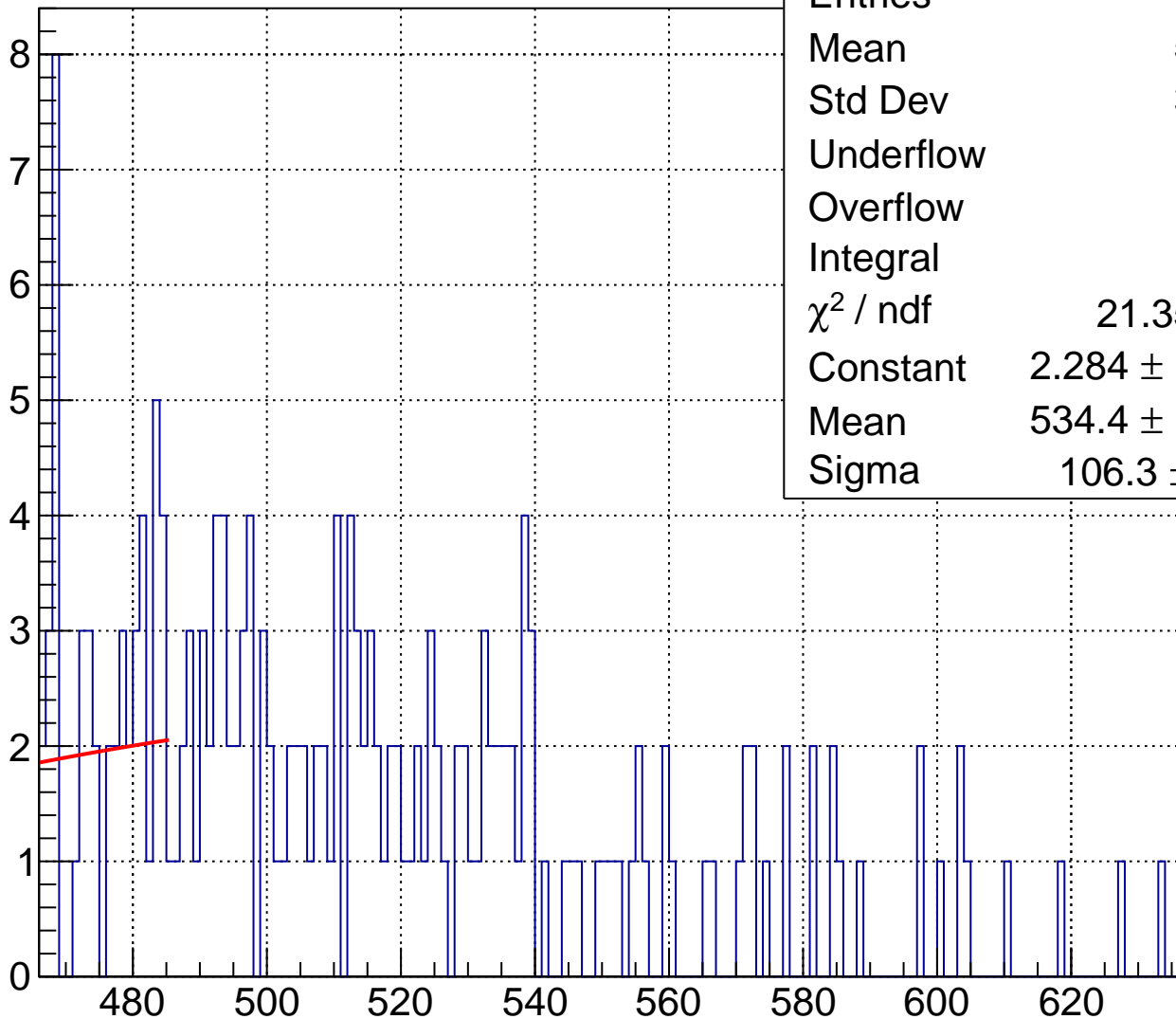
BH2DBG7



BH2DBG8

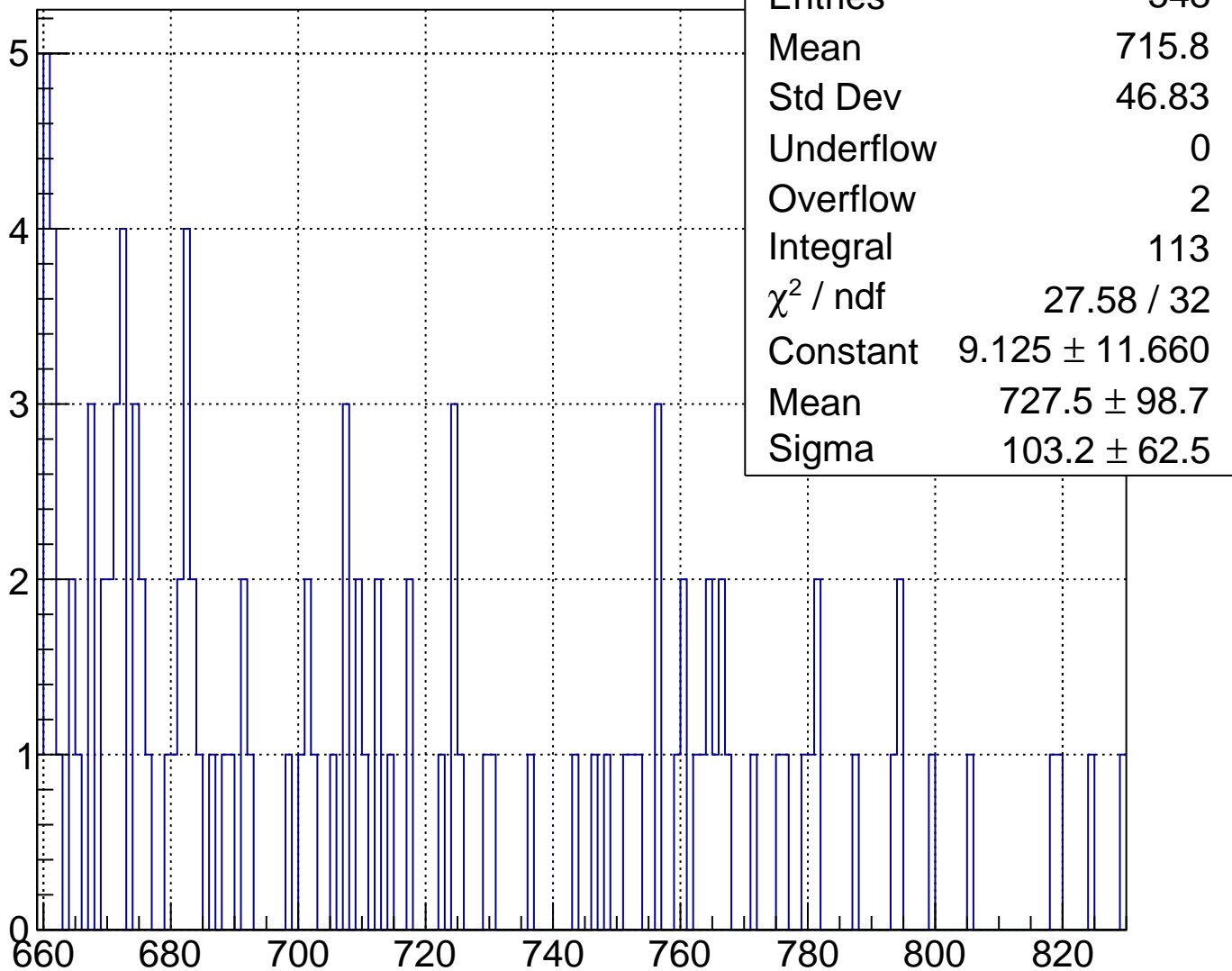


BH1UMIP1

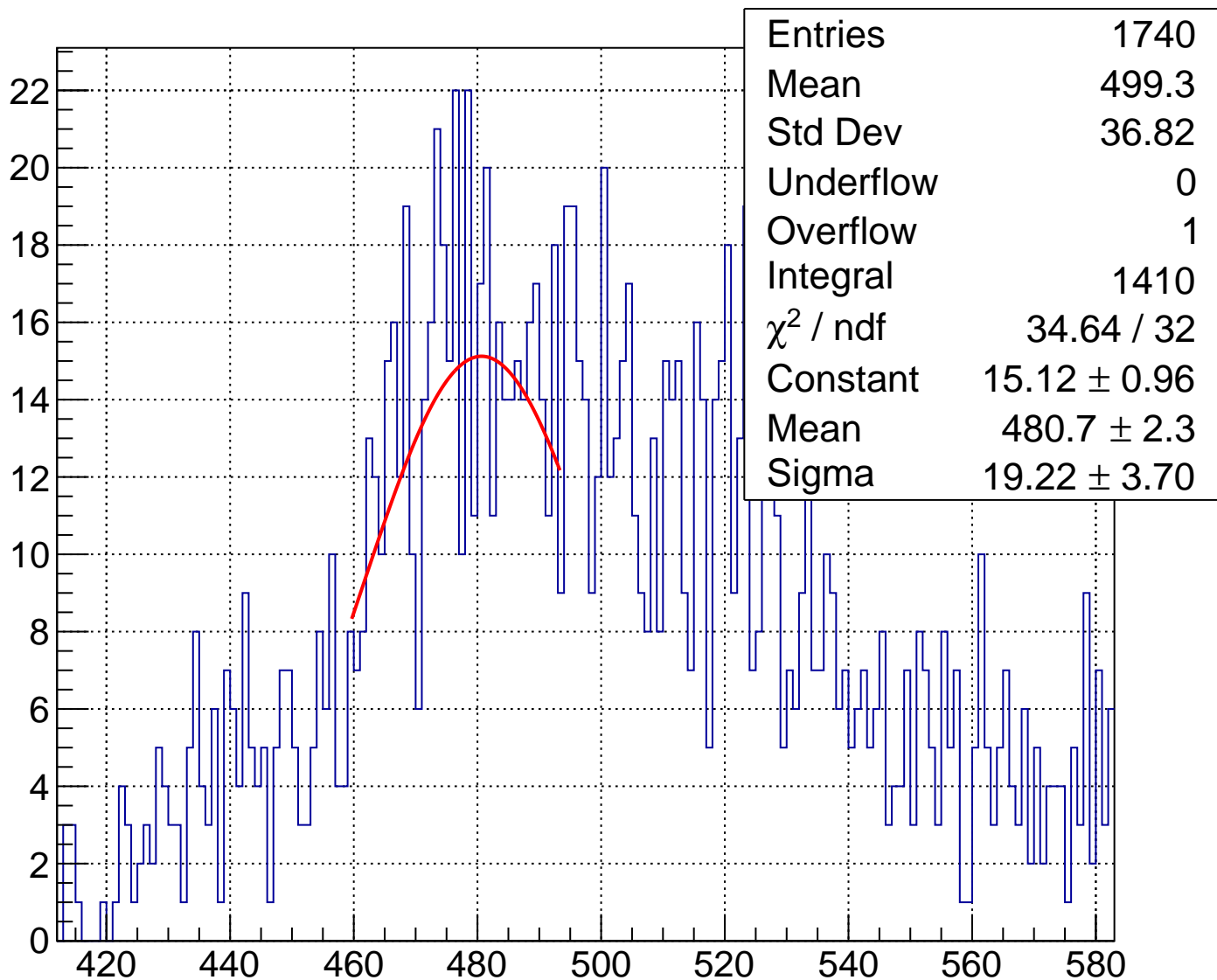


Entries	263
Mean	516.4
Std Dev	37.39
Underflow	0
Overflow	0
Integral	199
χ^2 / ndf	21.35 / 26
Constant	2.284 ± 1.978
Mean	534.4 ± 154.4
Sigma	106.3 ± 54.1

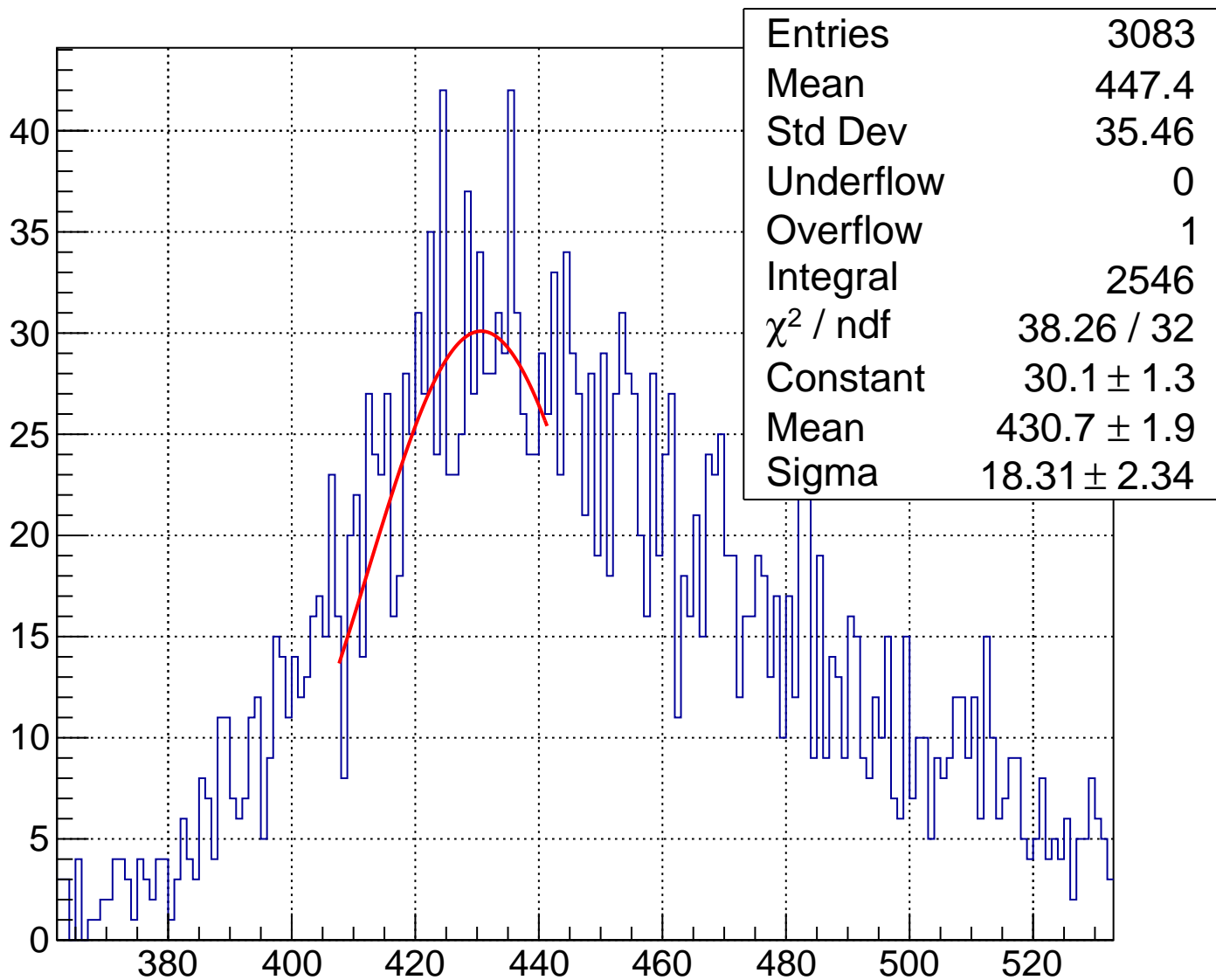
BH1UMIP2



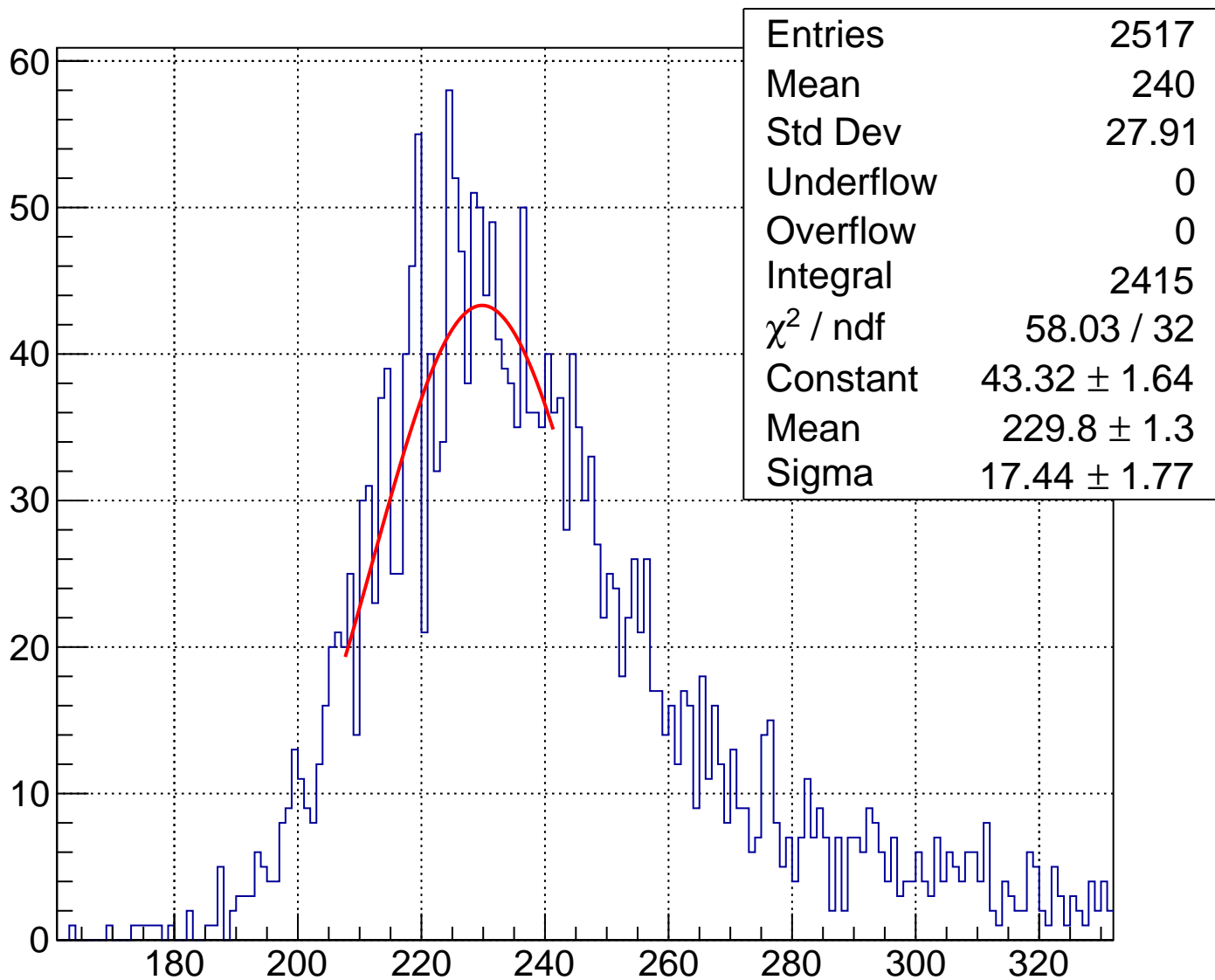
BH1UMIP3



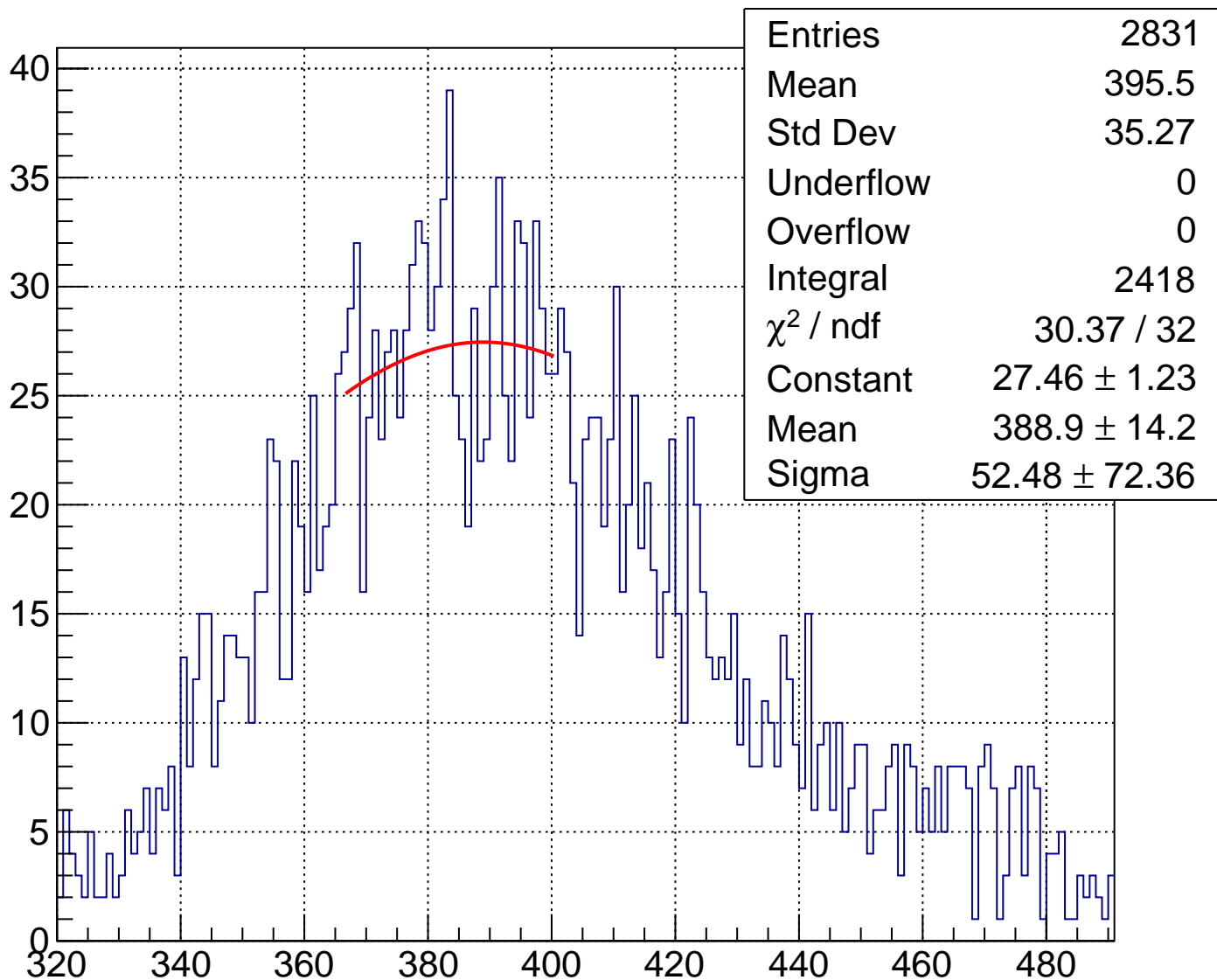
BH1UMIP4



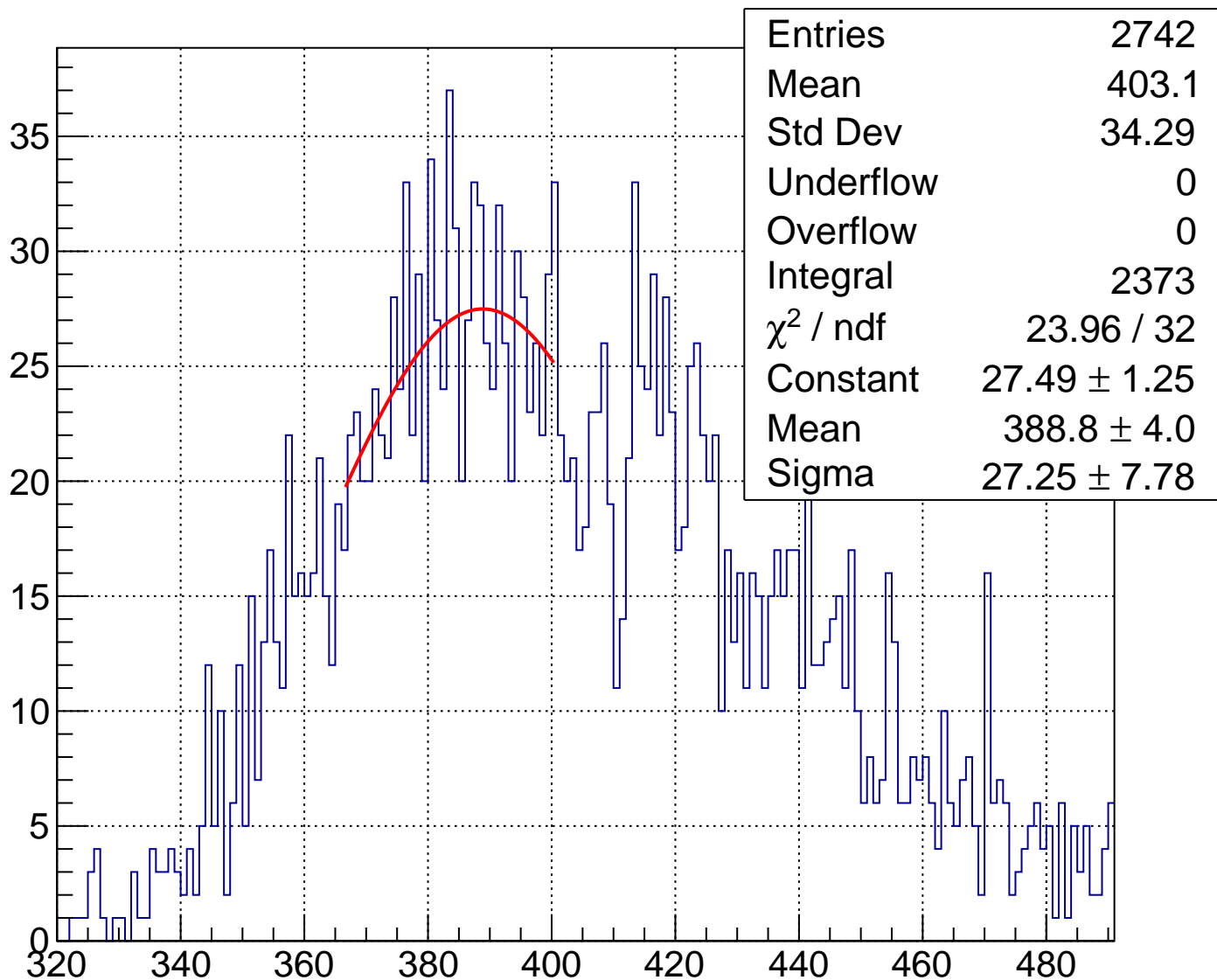
BH1UMIP5



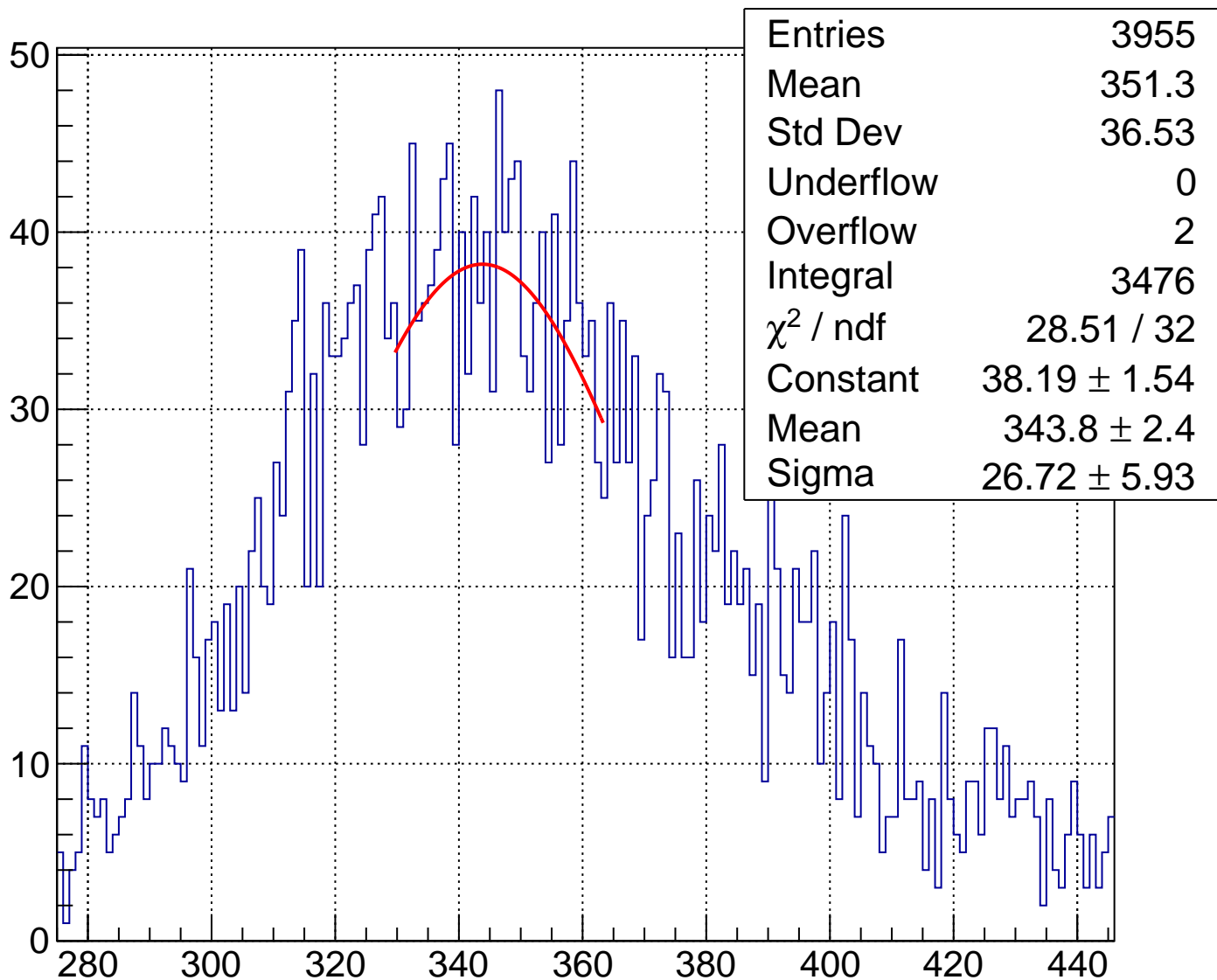
BH1UMIP6



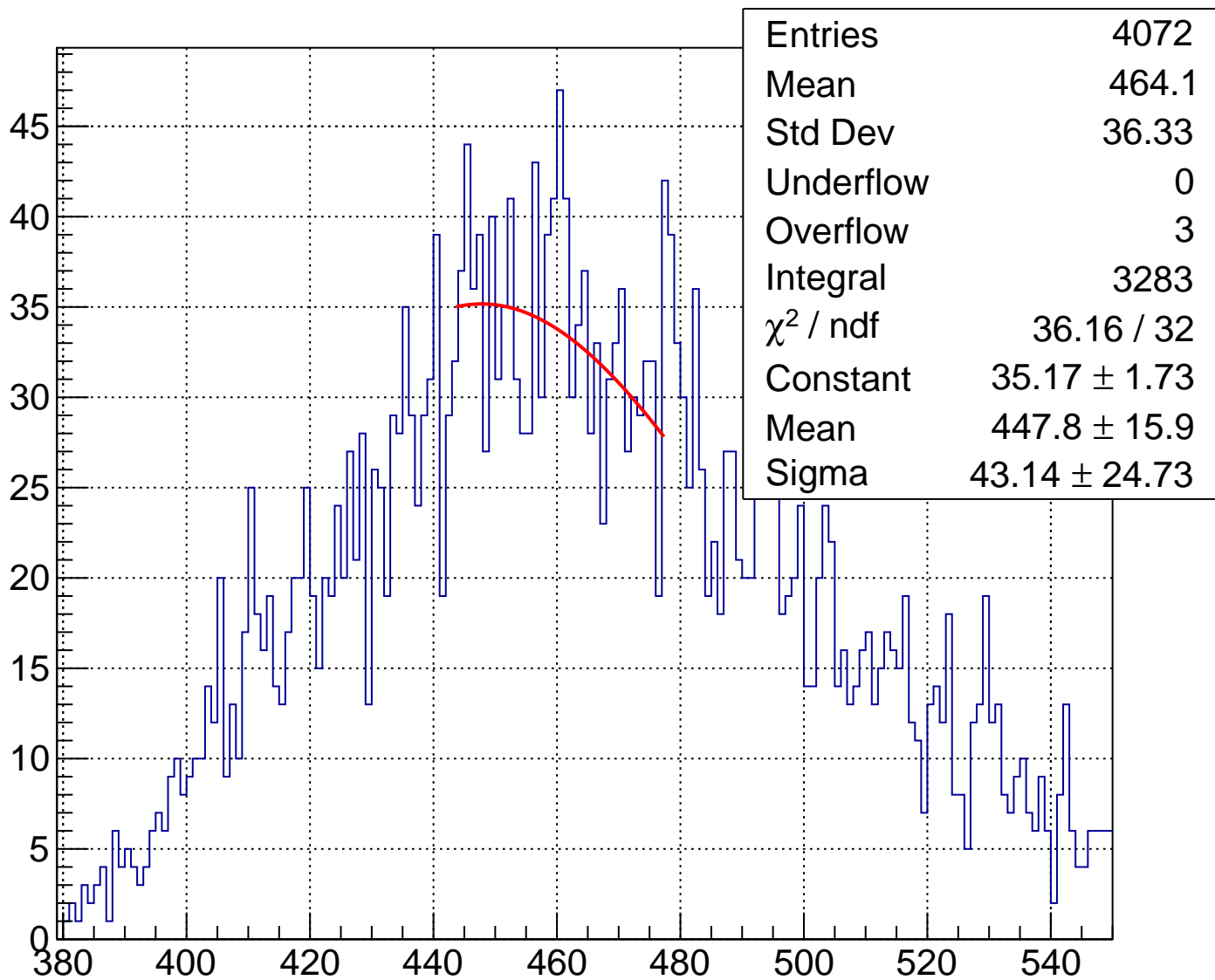
BH1UMIP7



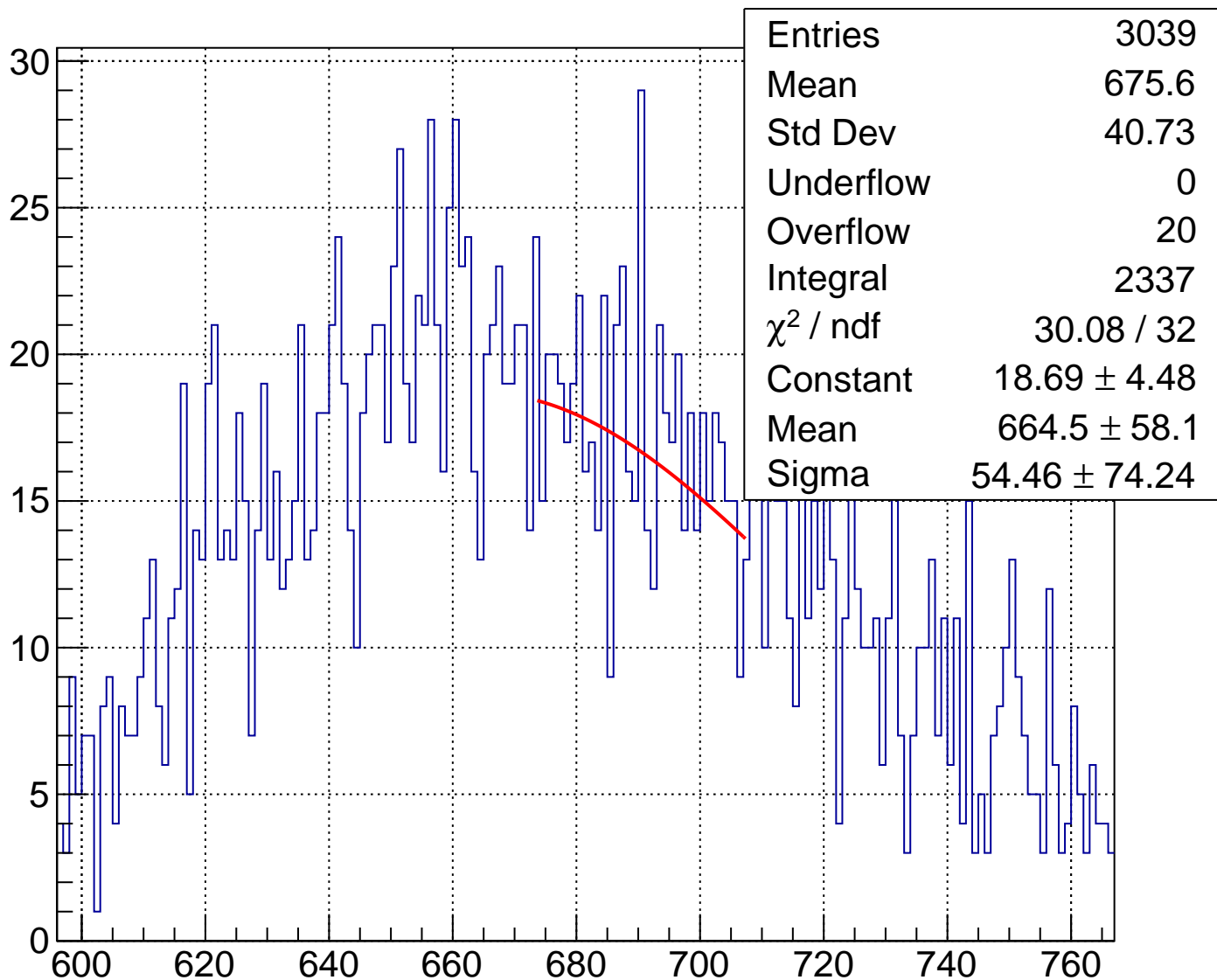
BH1UMIP8



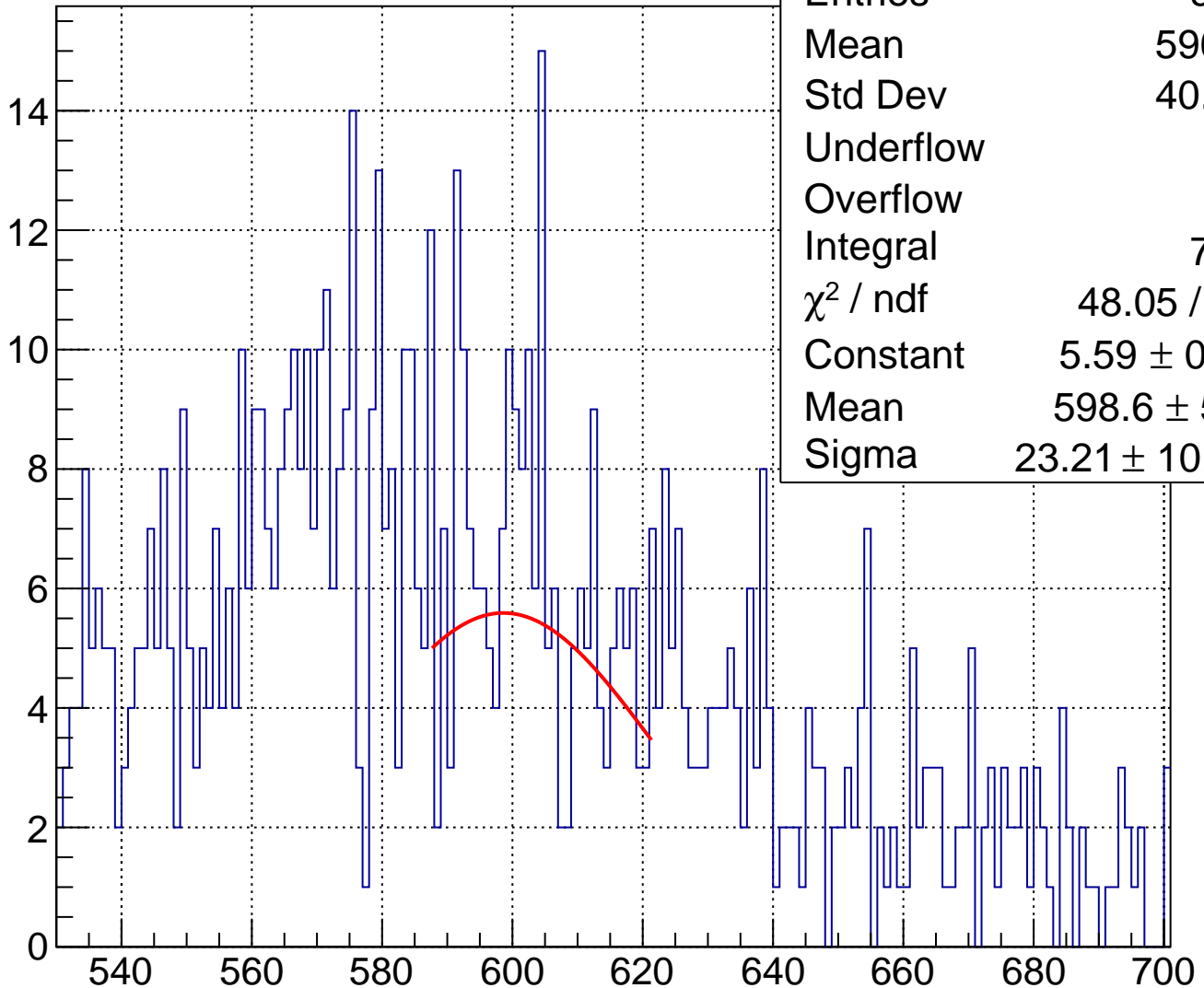
BH1UMIP9



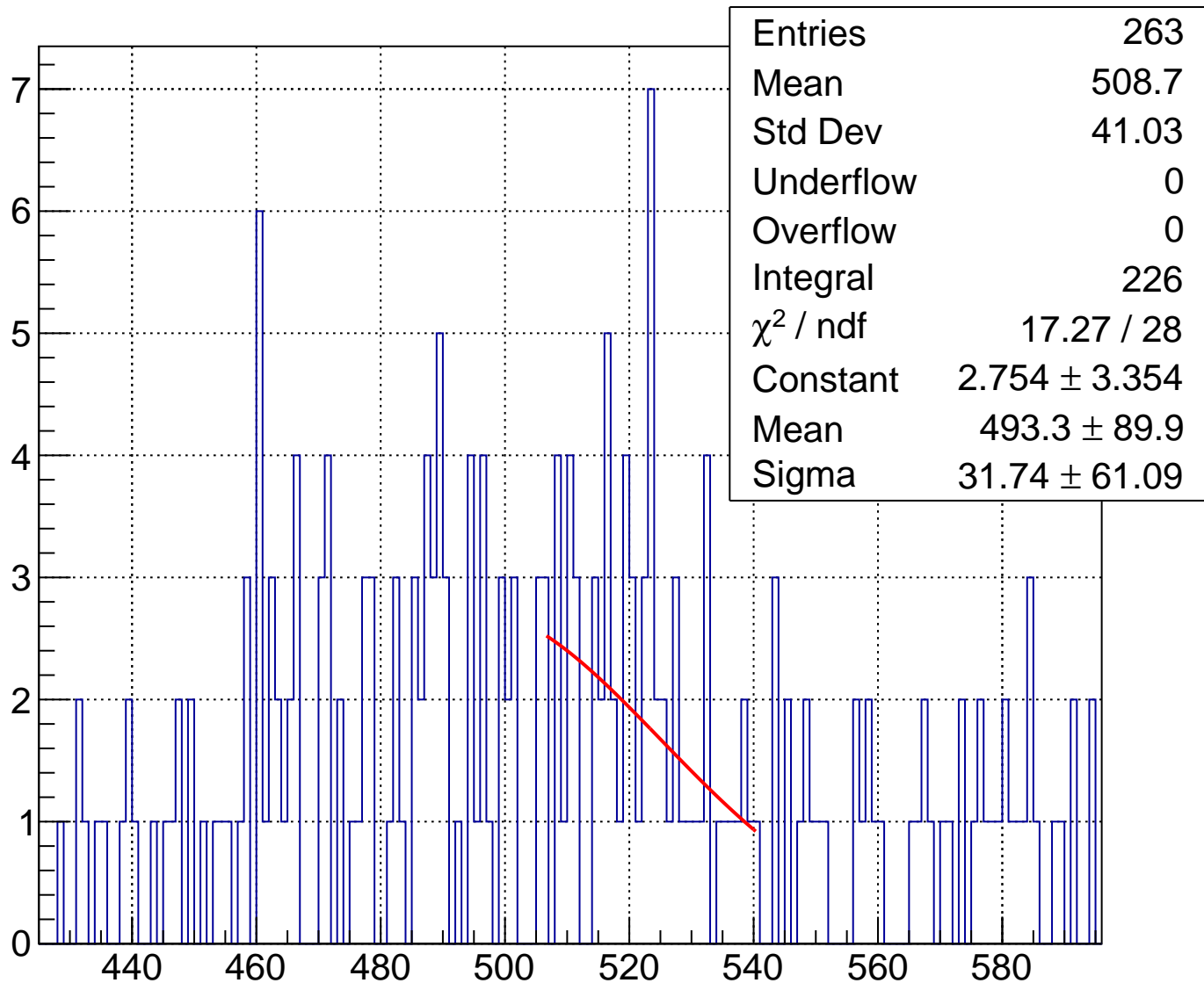
BH1UMIP10



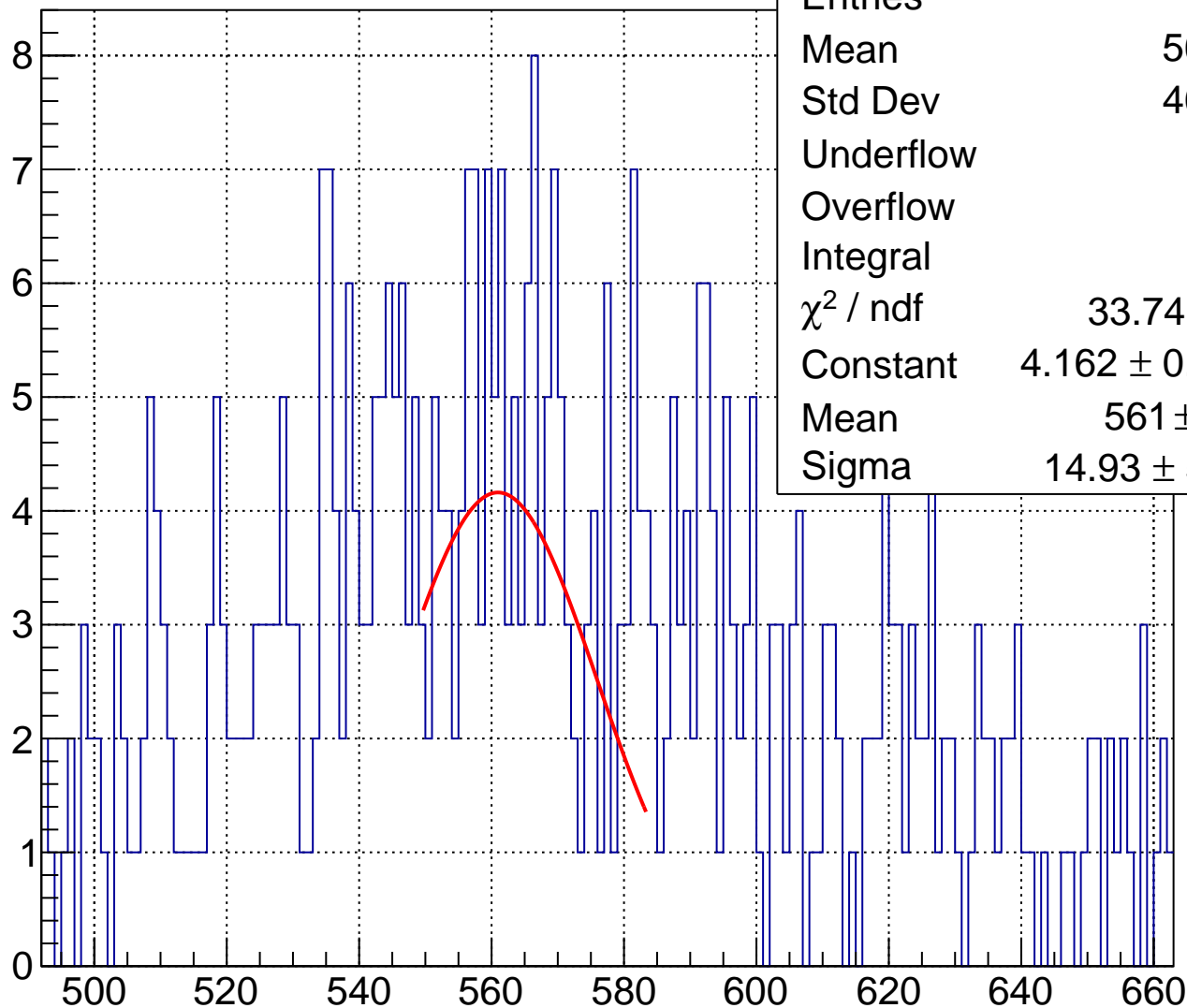
BH1UMIP11



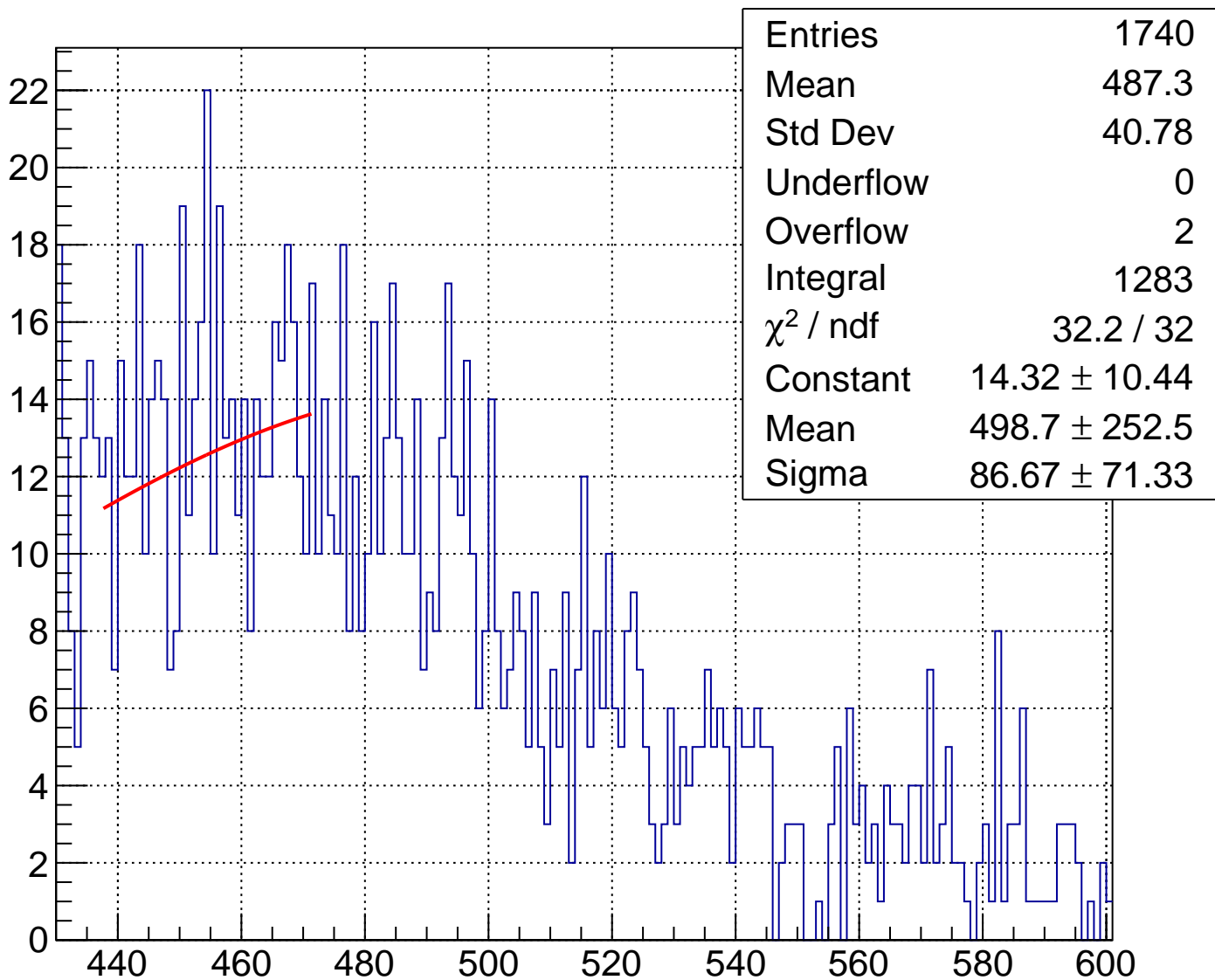
BH1DMIP1



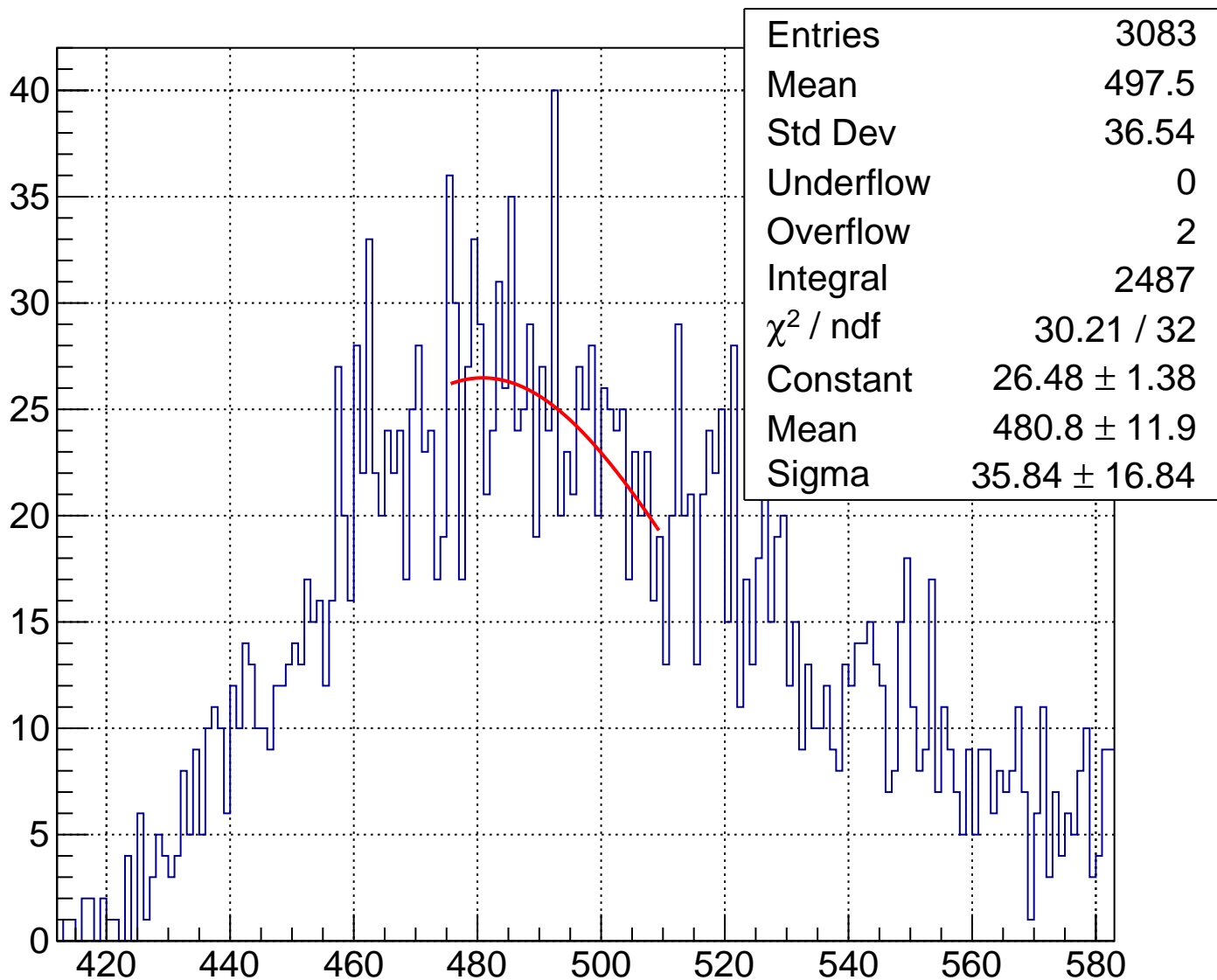
BH1DMIP2



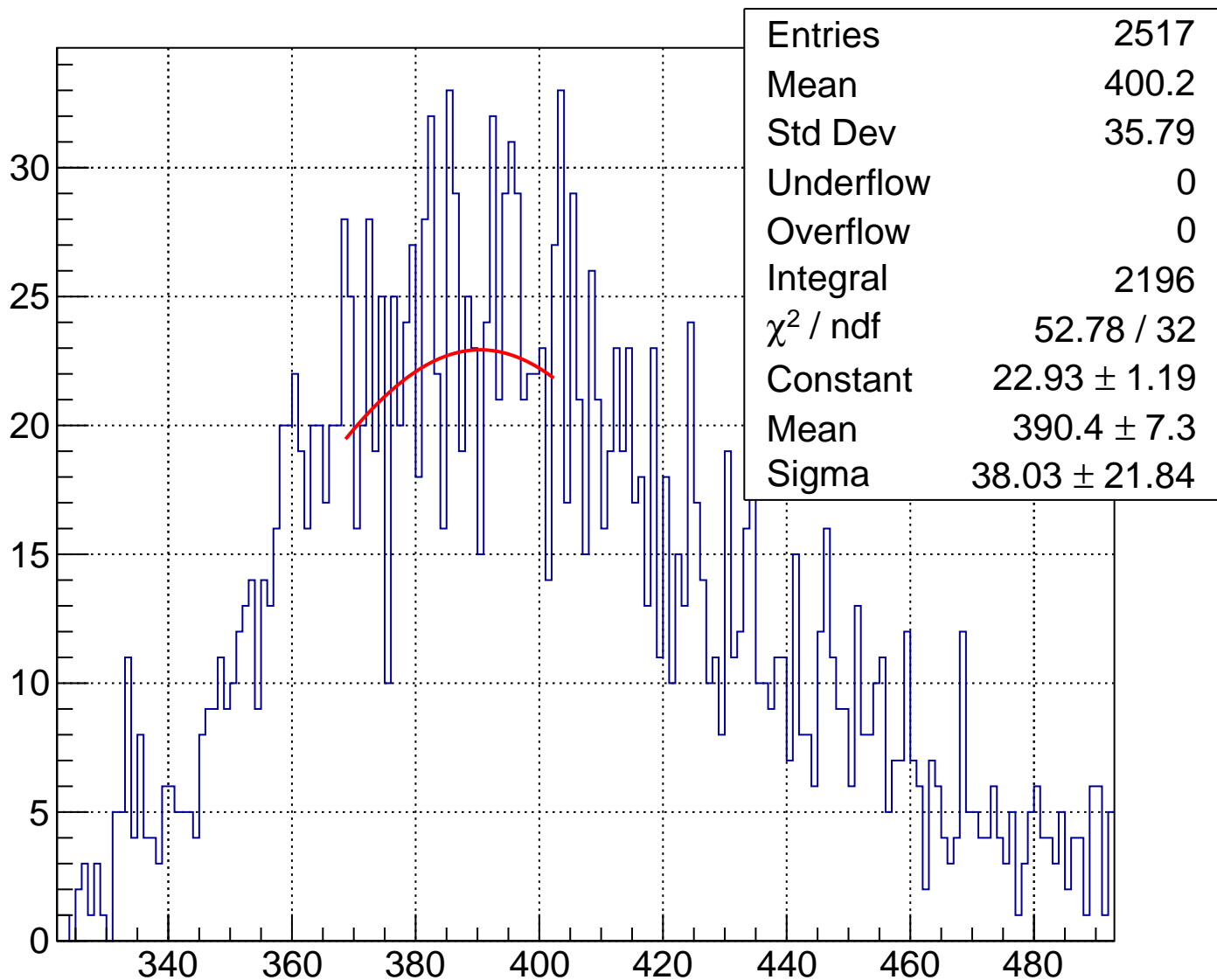
BH1DMIP3



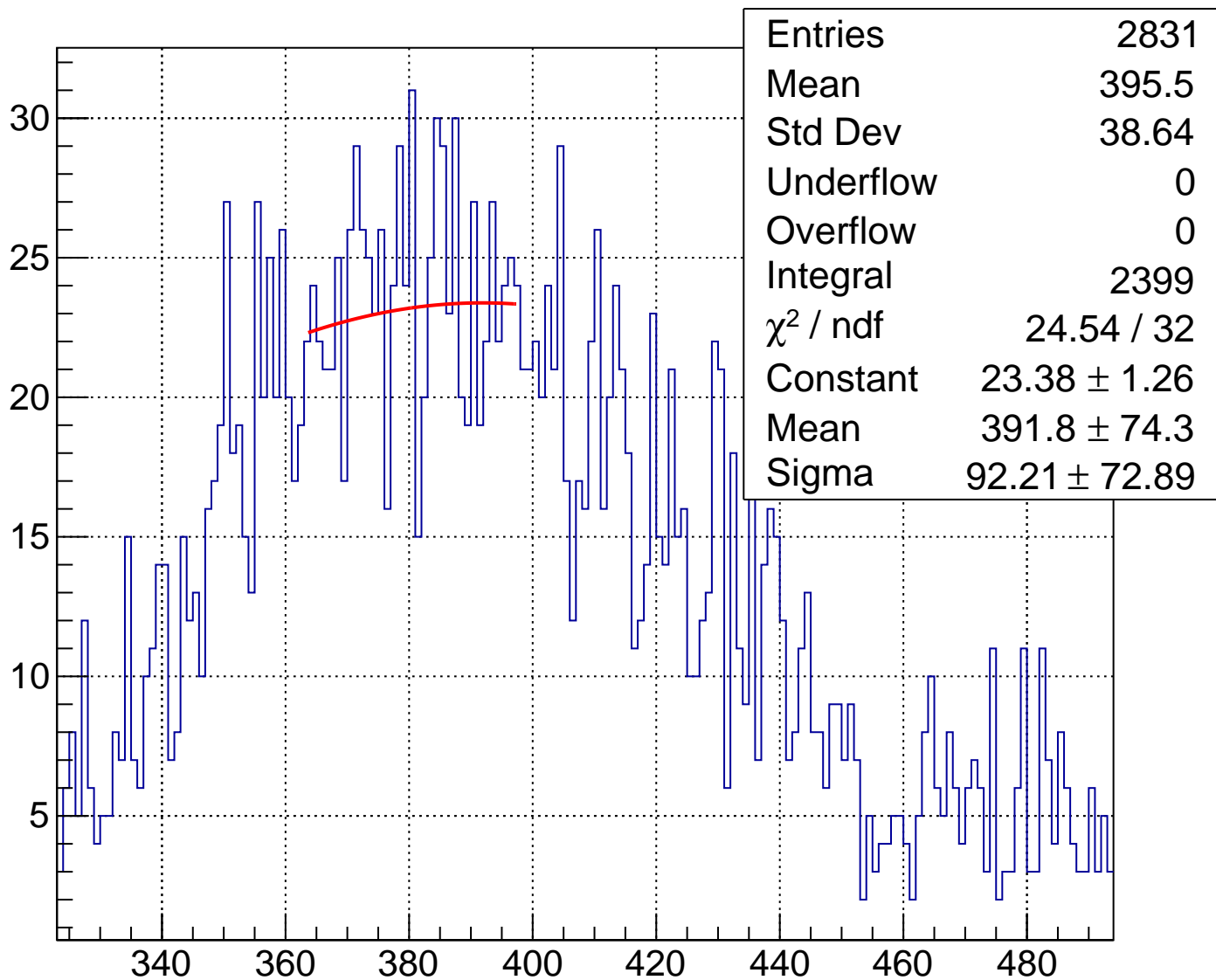
BH1DMIP4



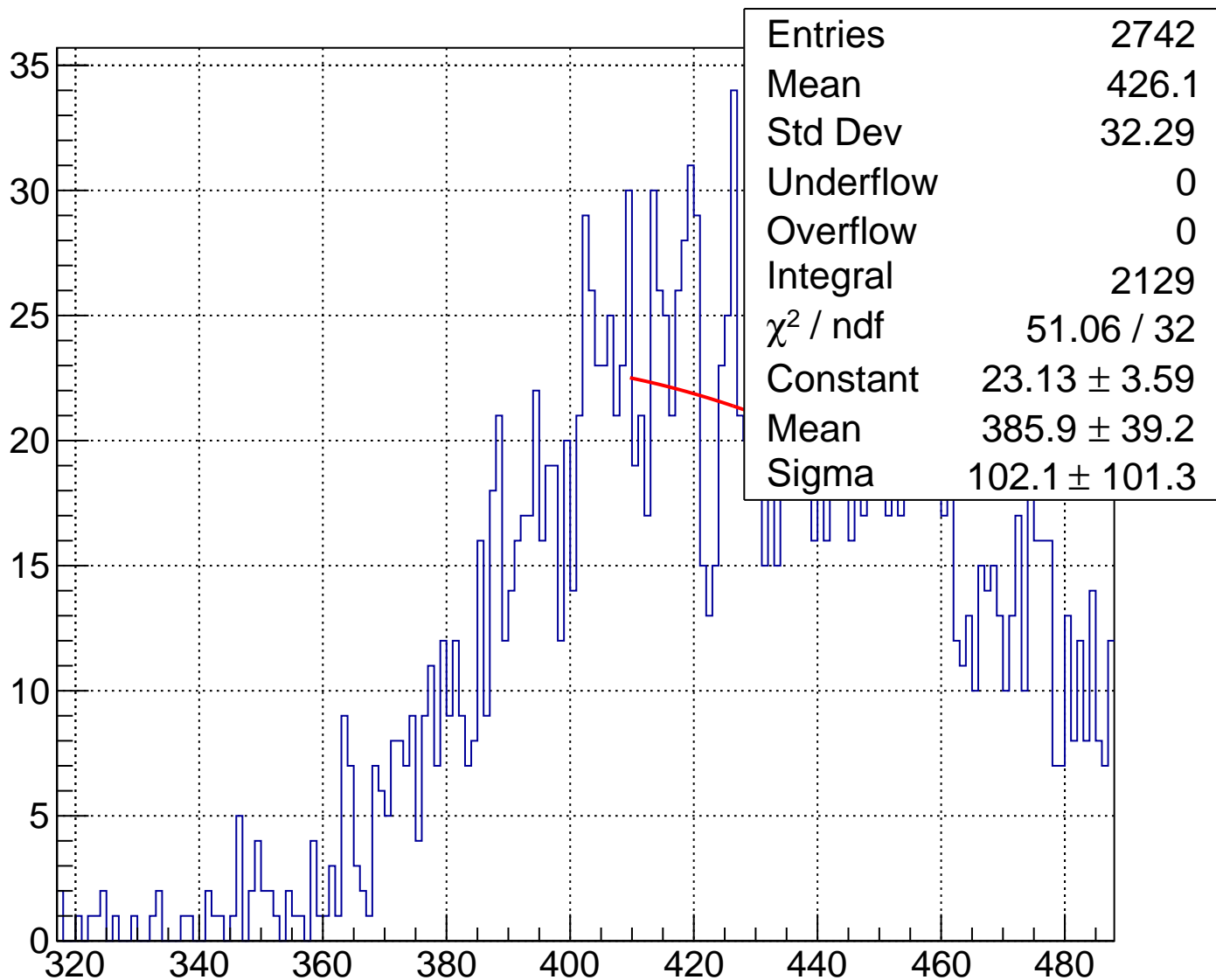
BH1DMIP5



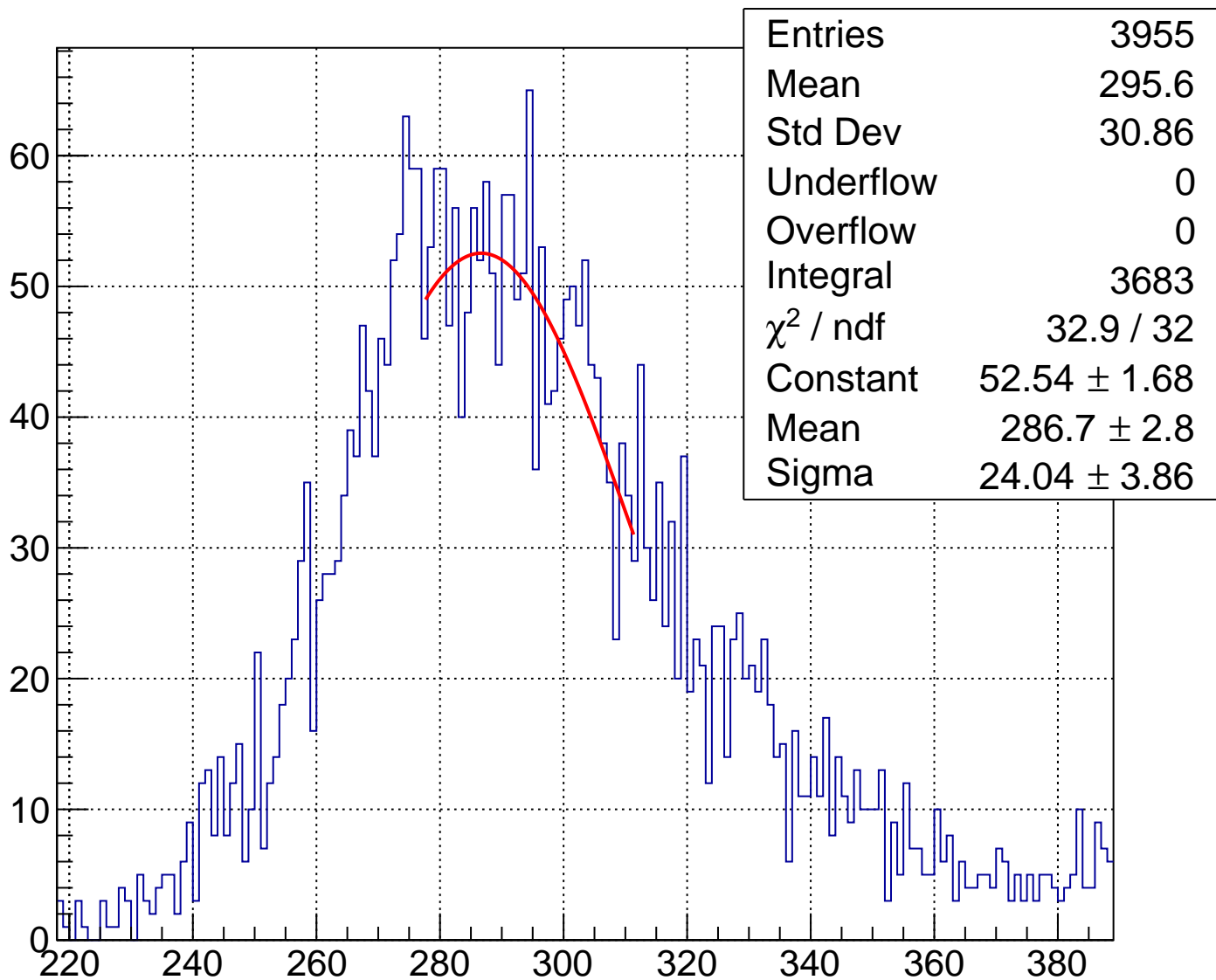
BH1DMIP6



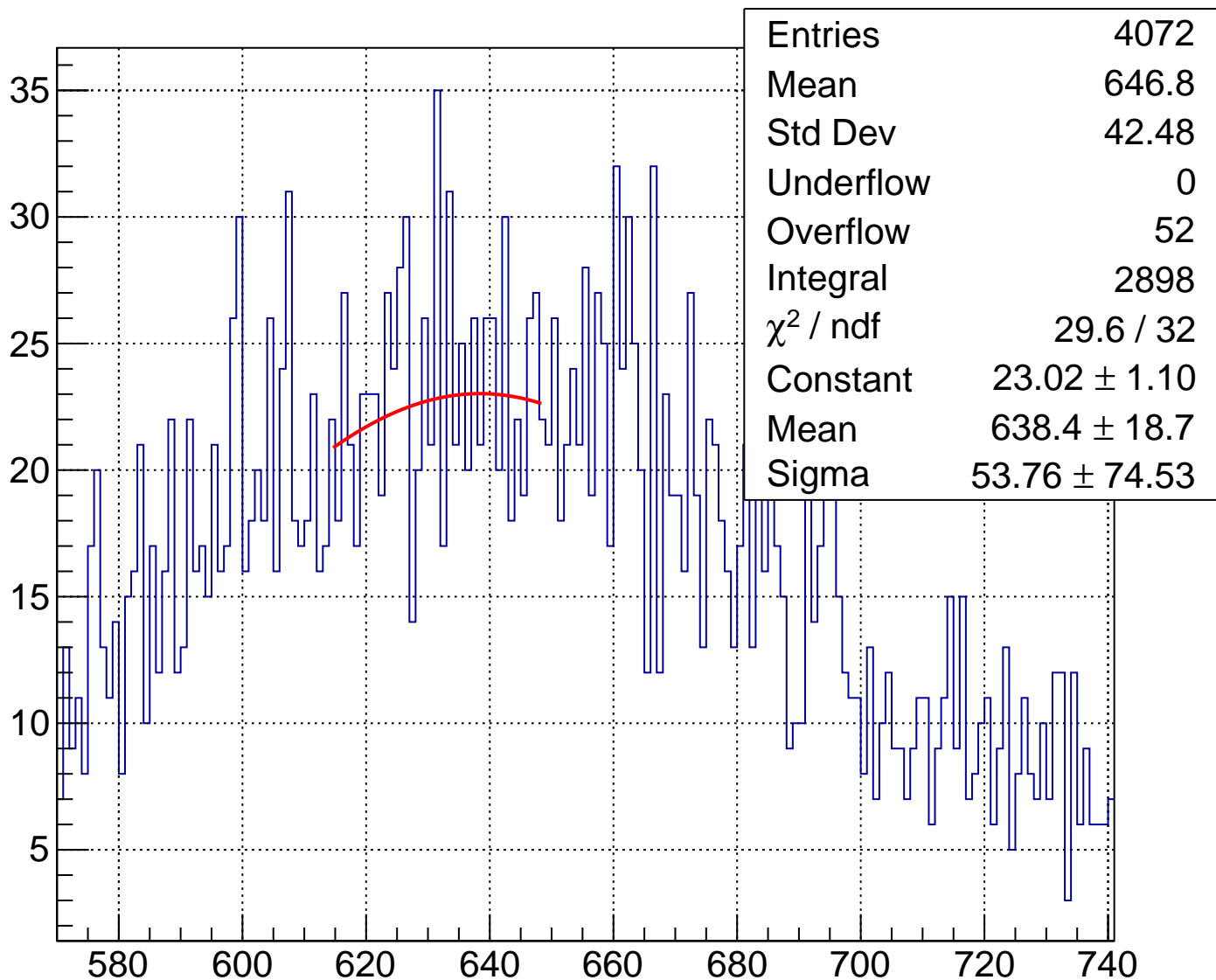
BH1DMIP7



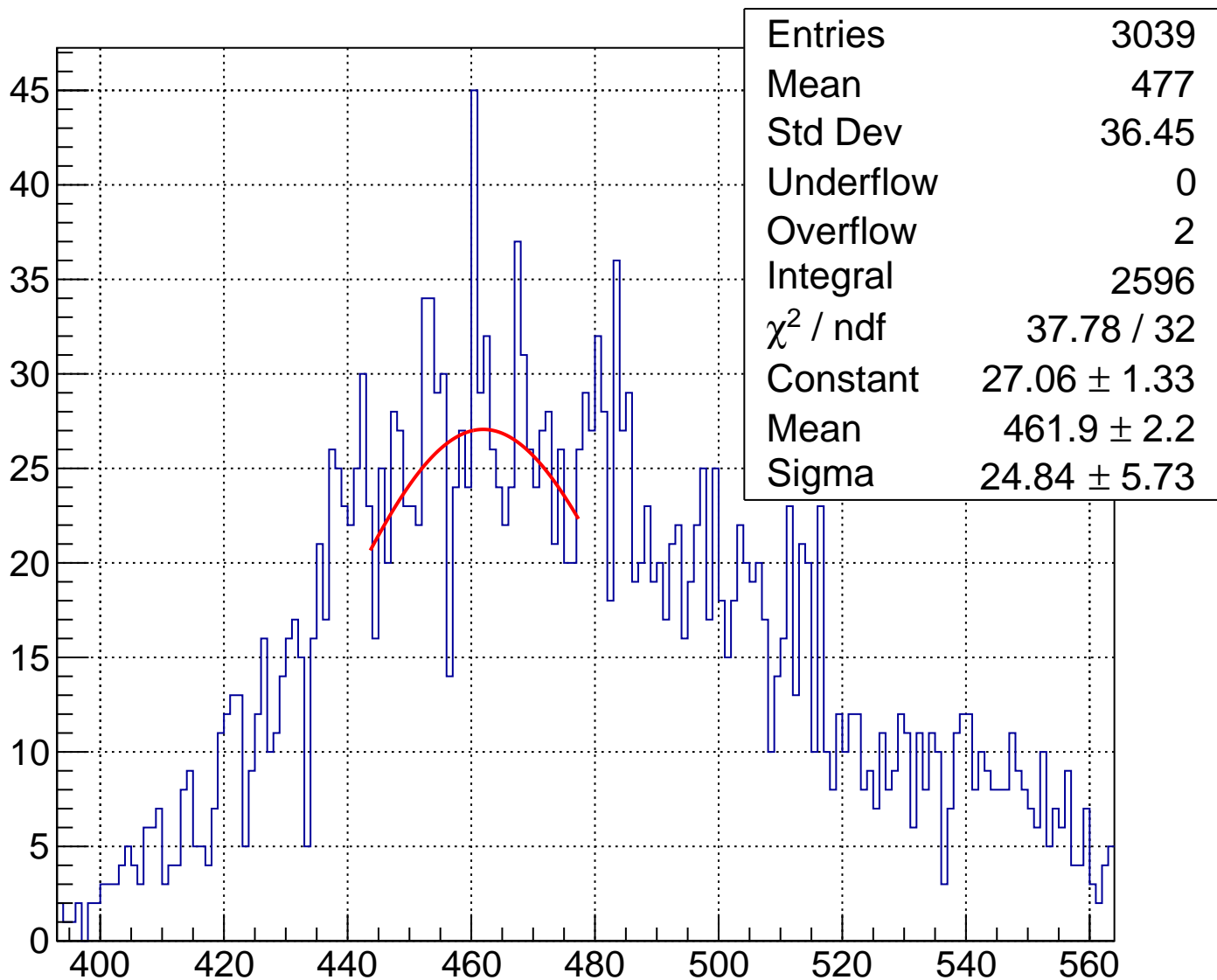
BH1DMIP8



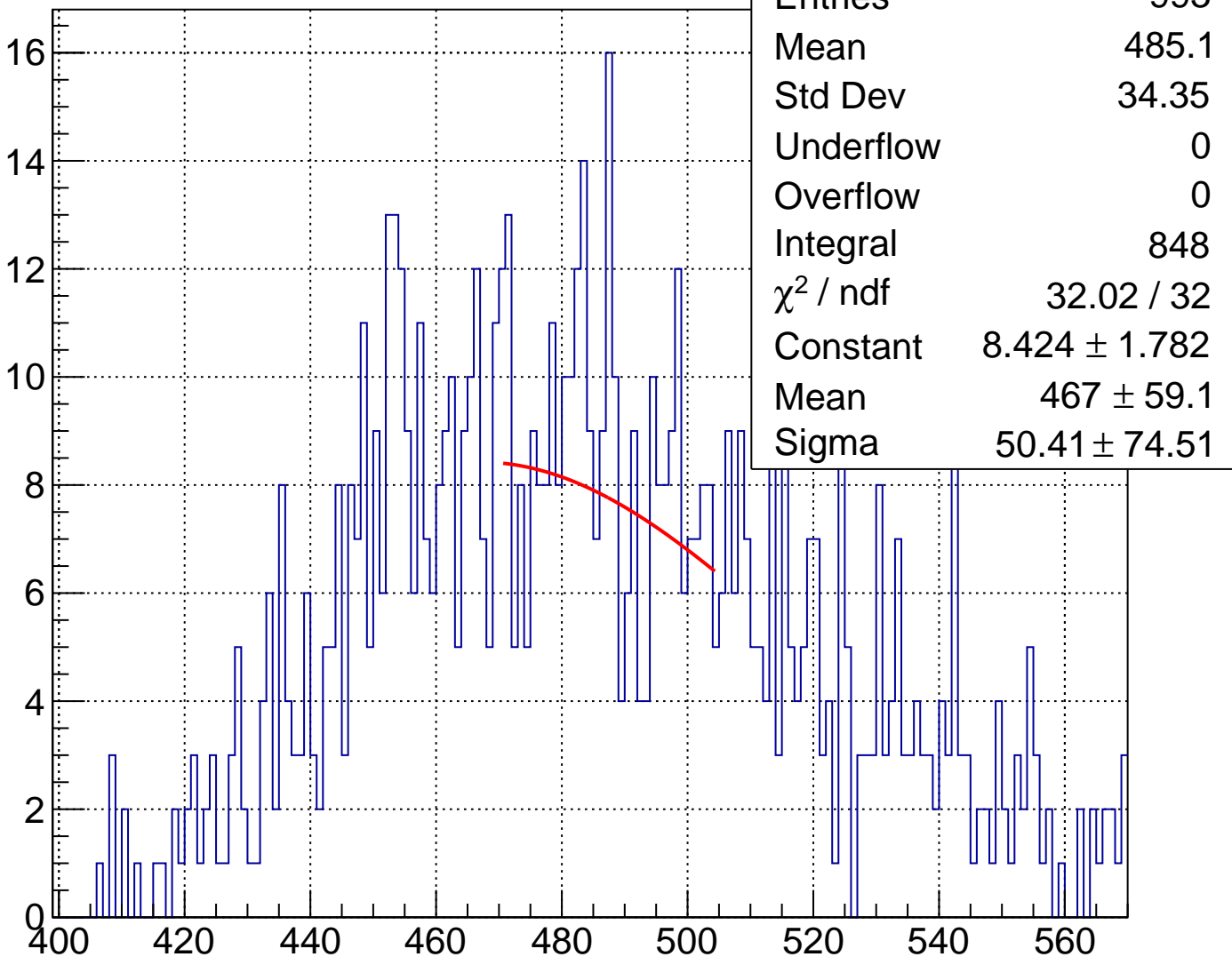
BH1DMIP9



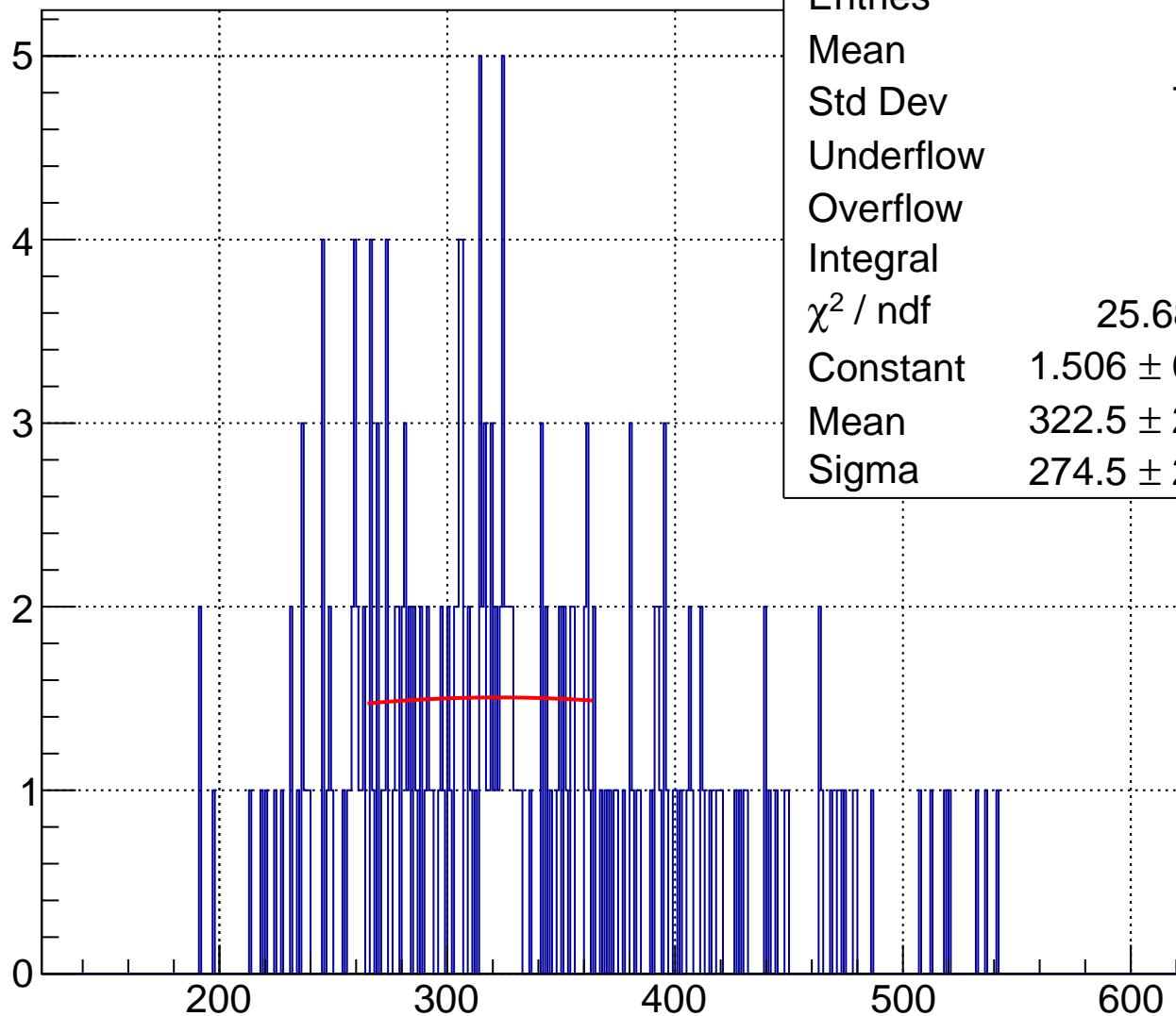
BH1DMIP10



BH1DMIP11

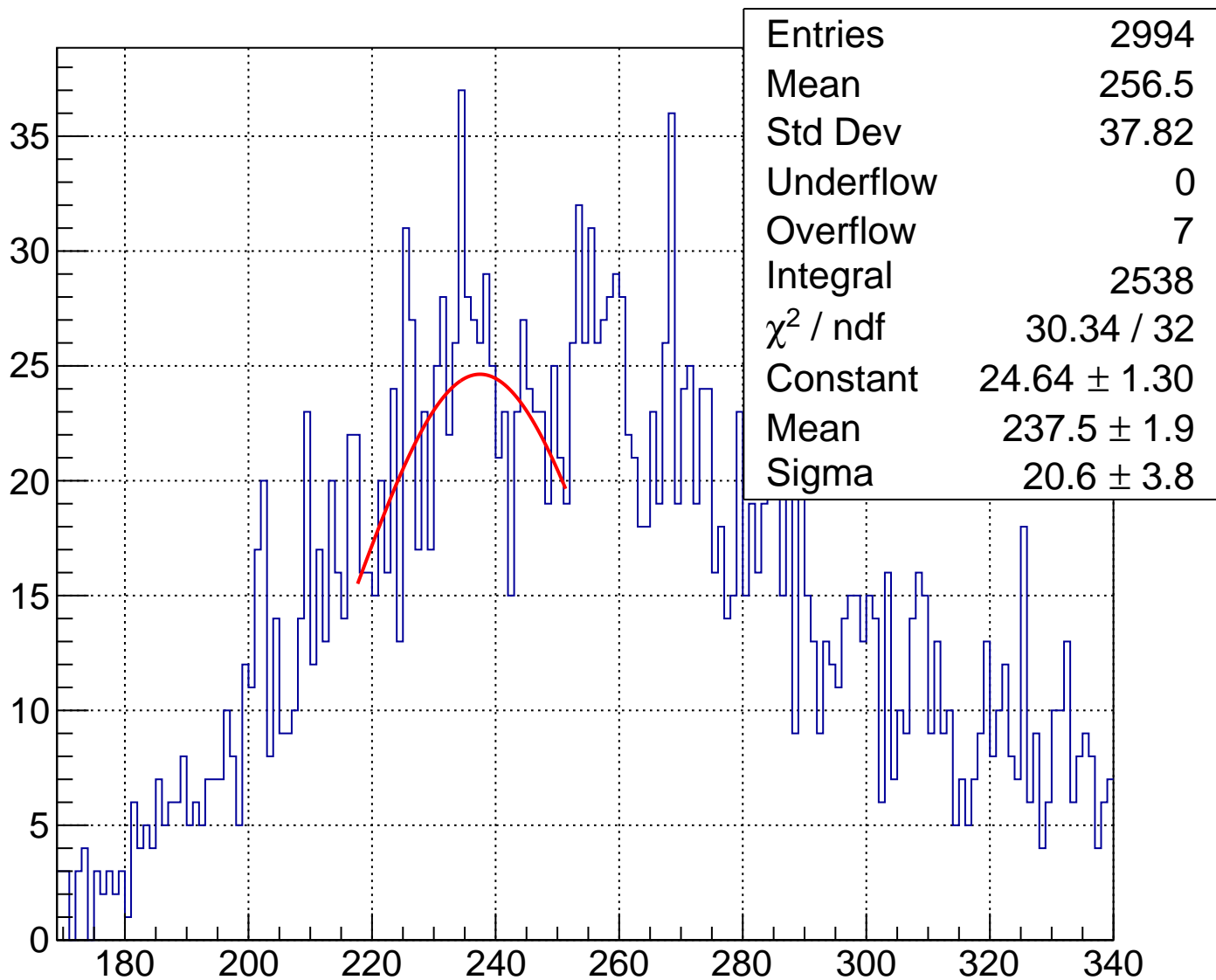


BH2UMIP1

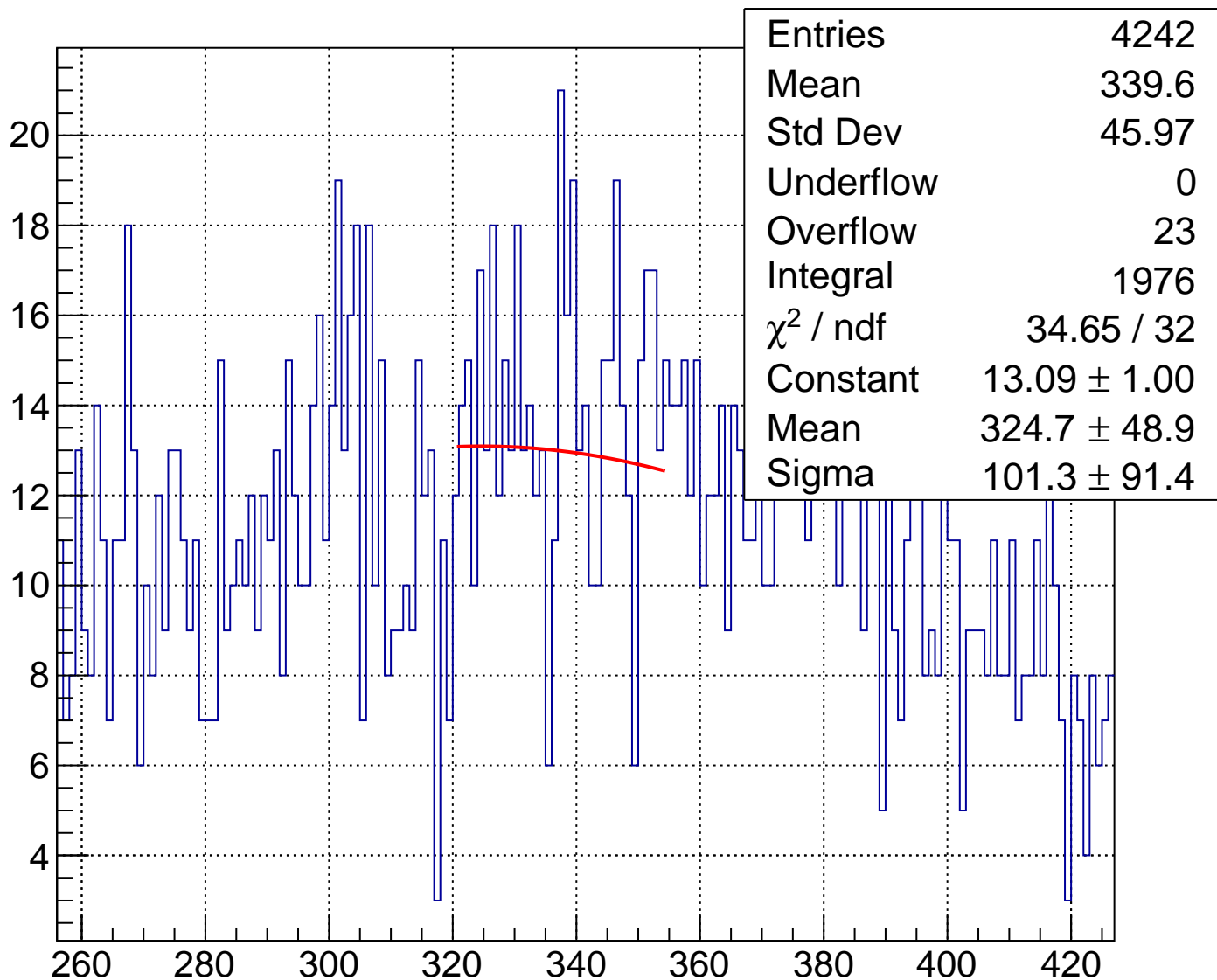


Entries	228
Mean	332
Std Dev	72.84
Underflow	0
Overflow	0
Integral	226
χ^2 / ndf	25.68 / 62
Constant	1.506 ± 0.163
Mean	322.5 ± 289.5
Sigma	274.5 ± 240.6

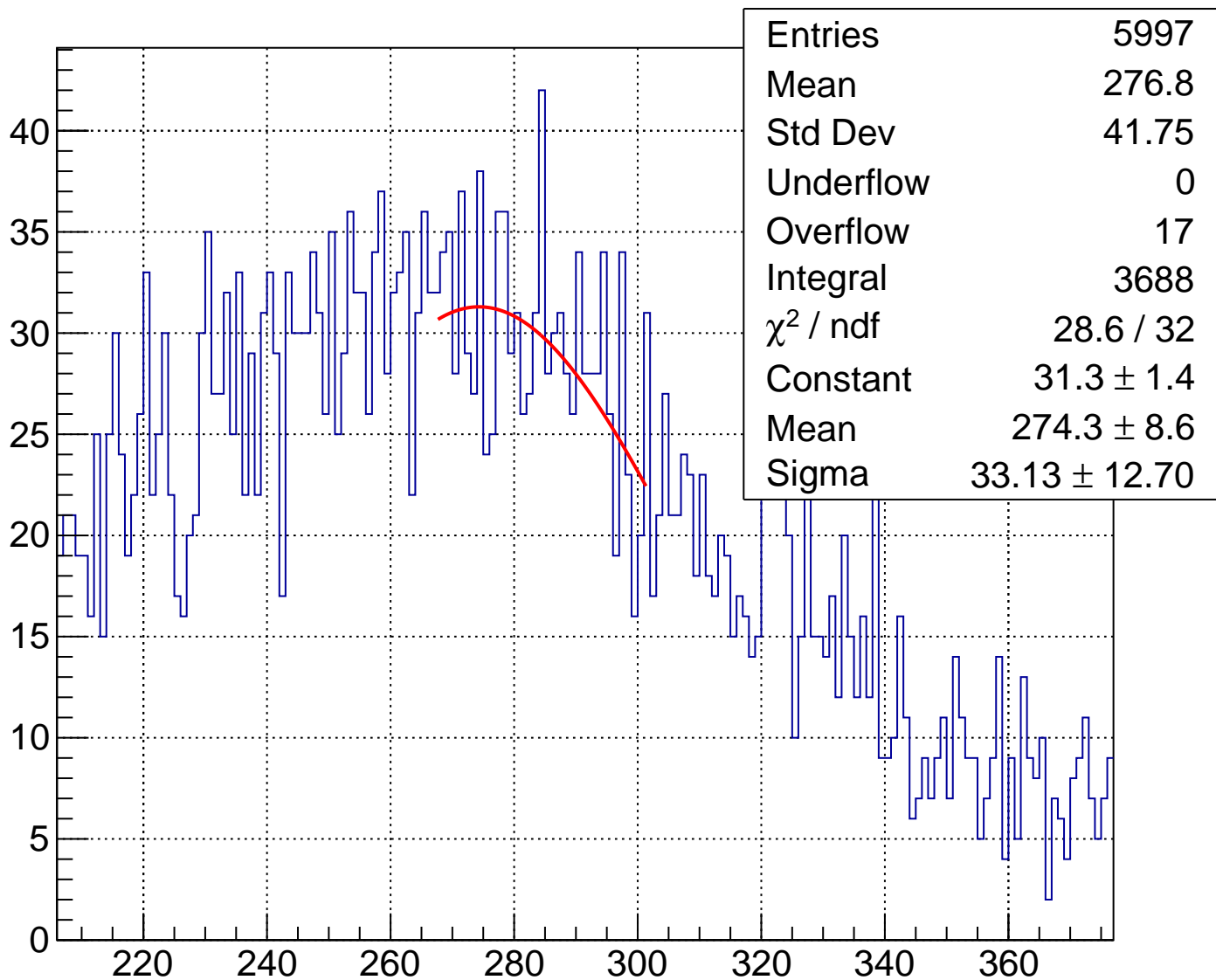
BH2UMIP2



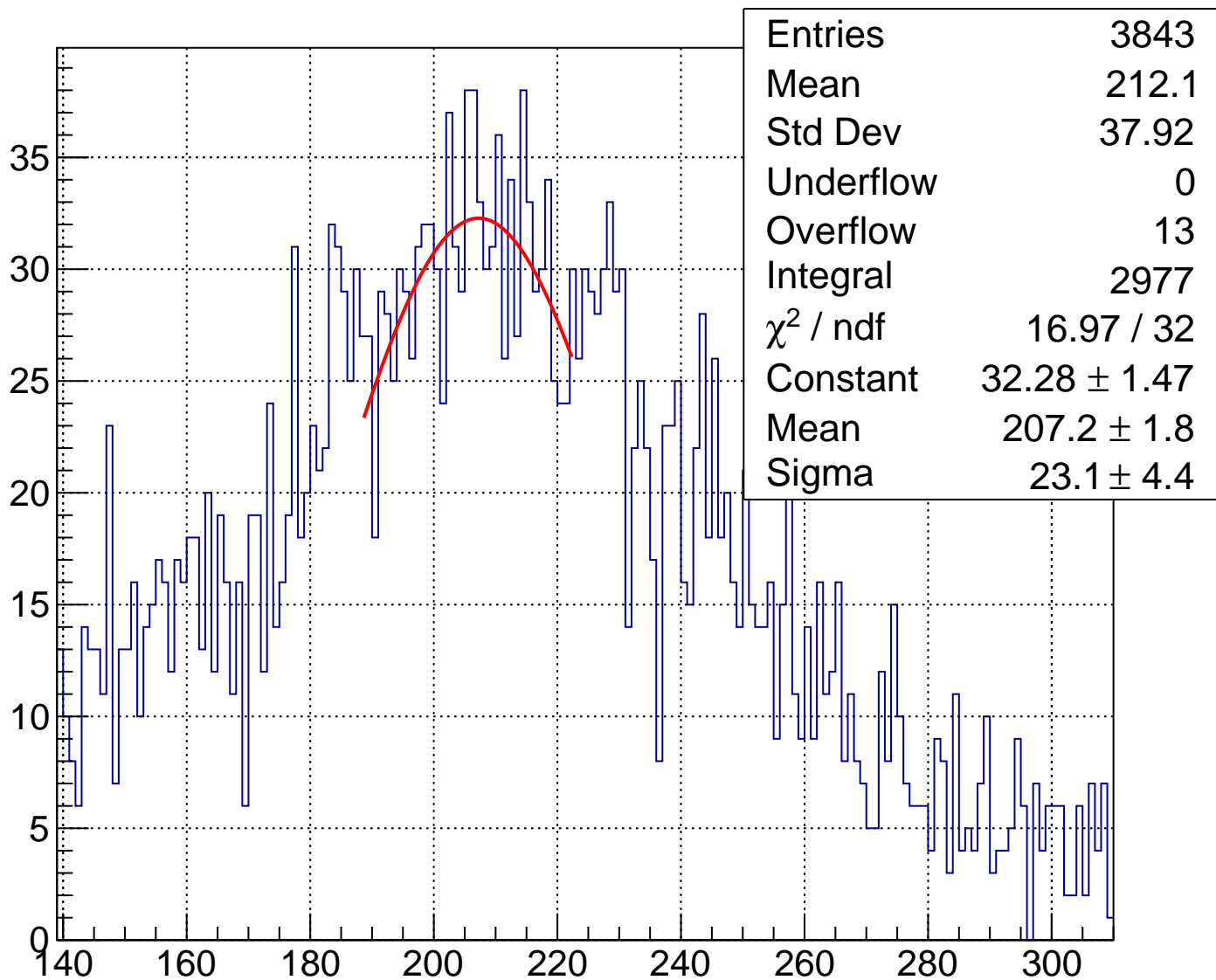
BH2UMIP3



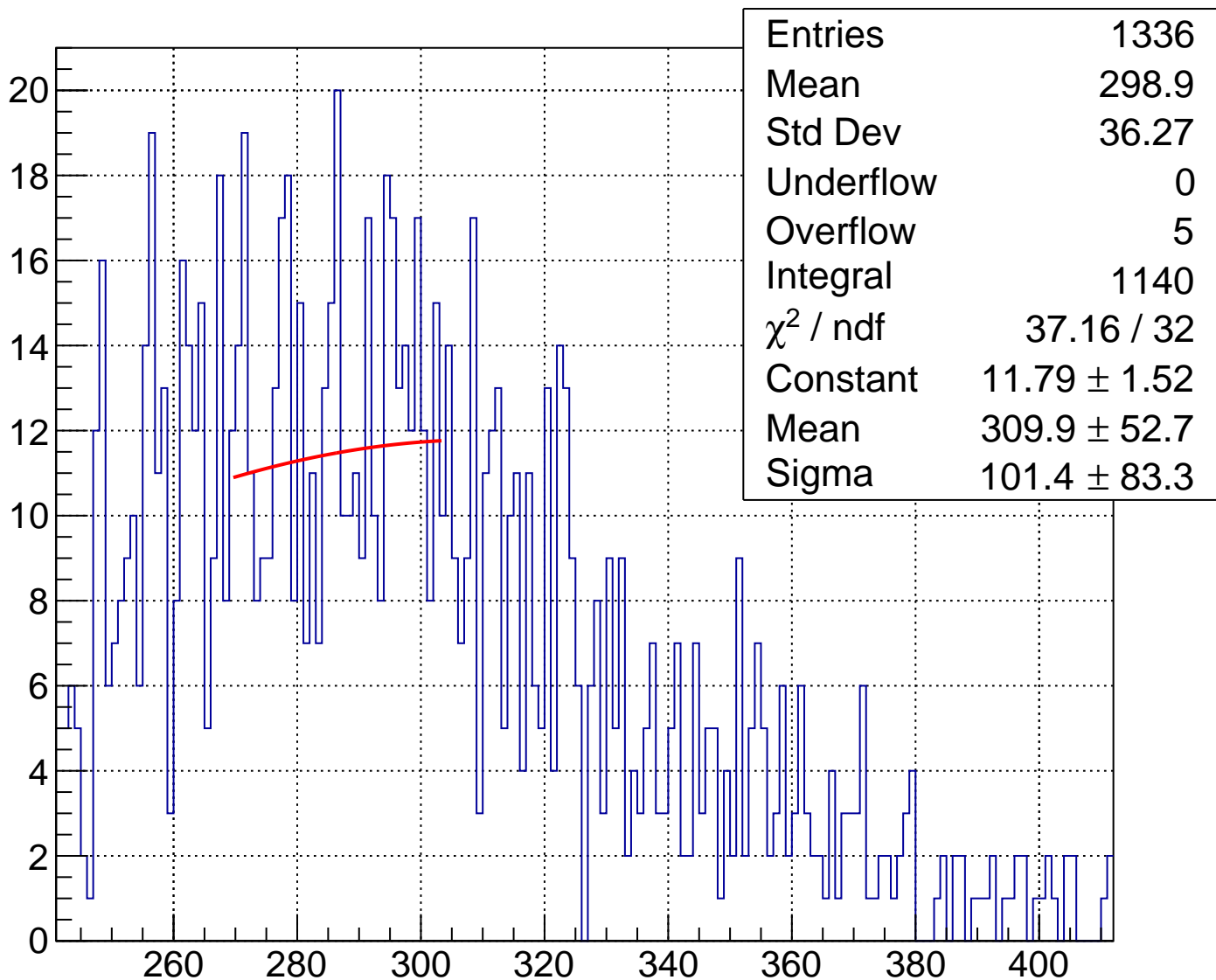
BH2UMIP4



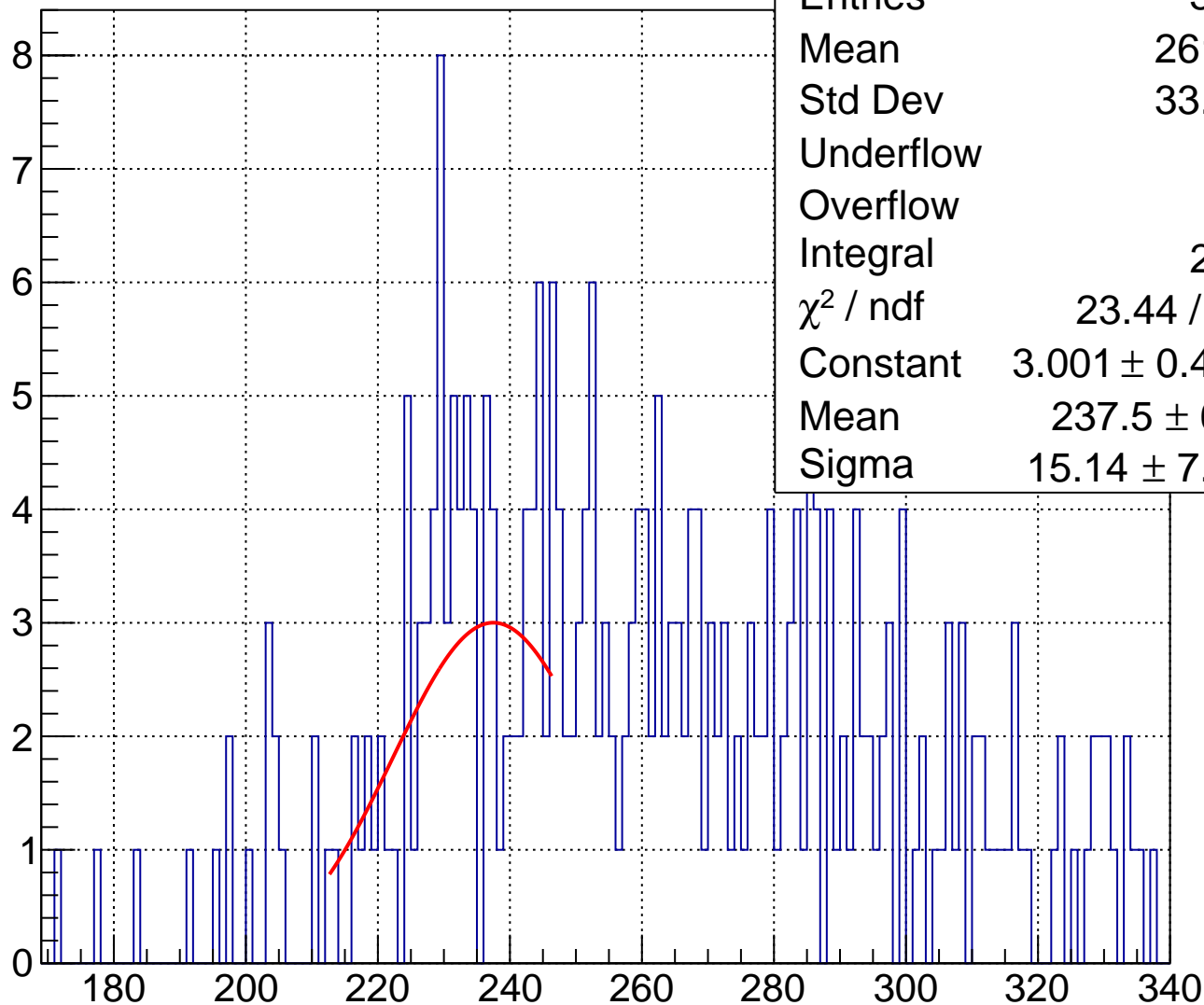
BH2UMIP5



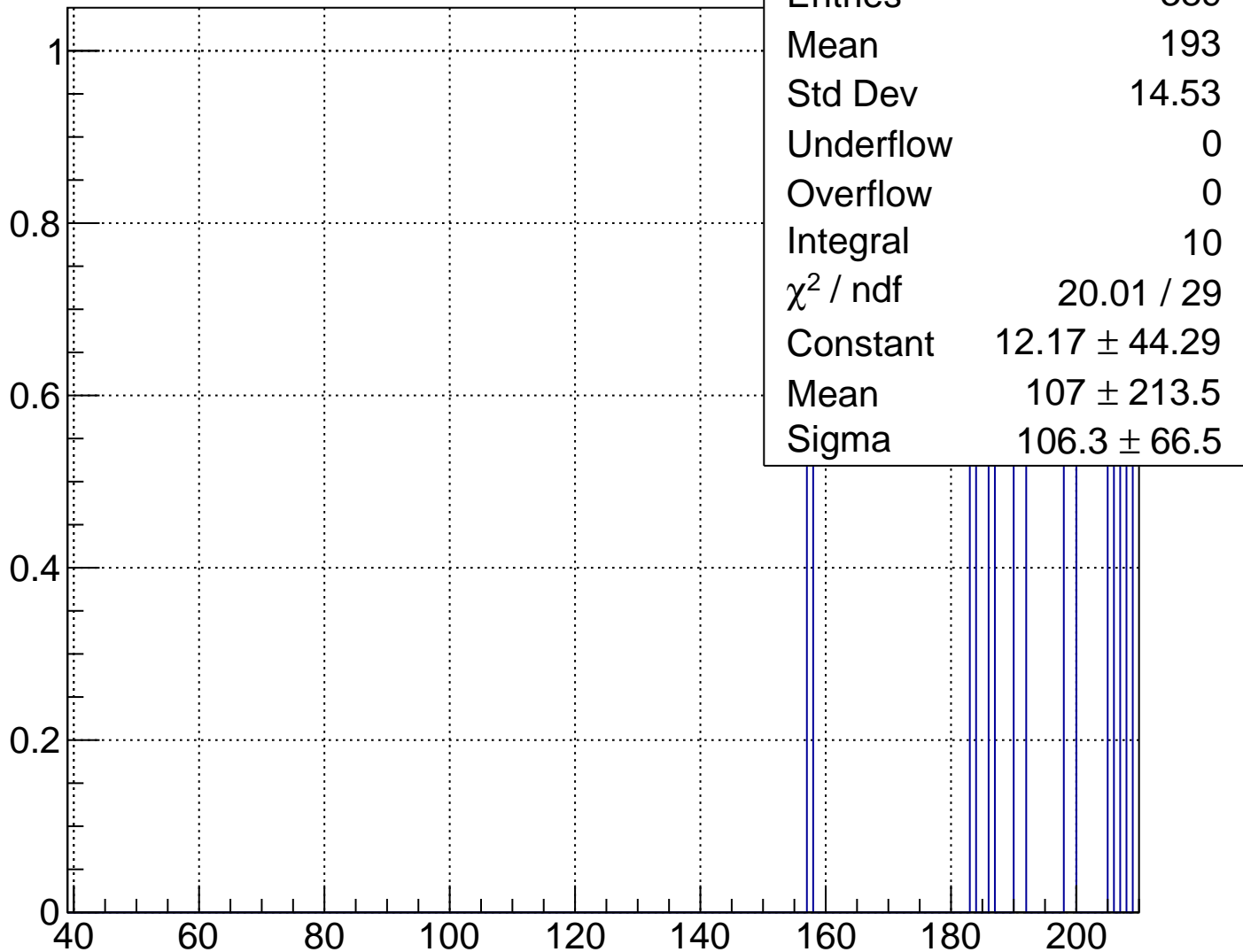
BH2UMIP6



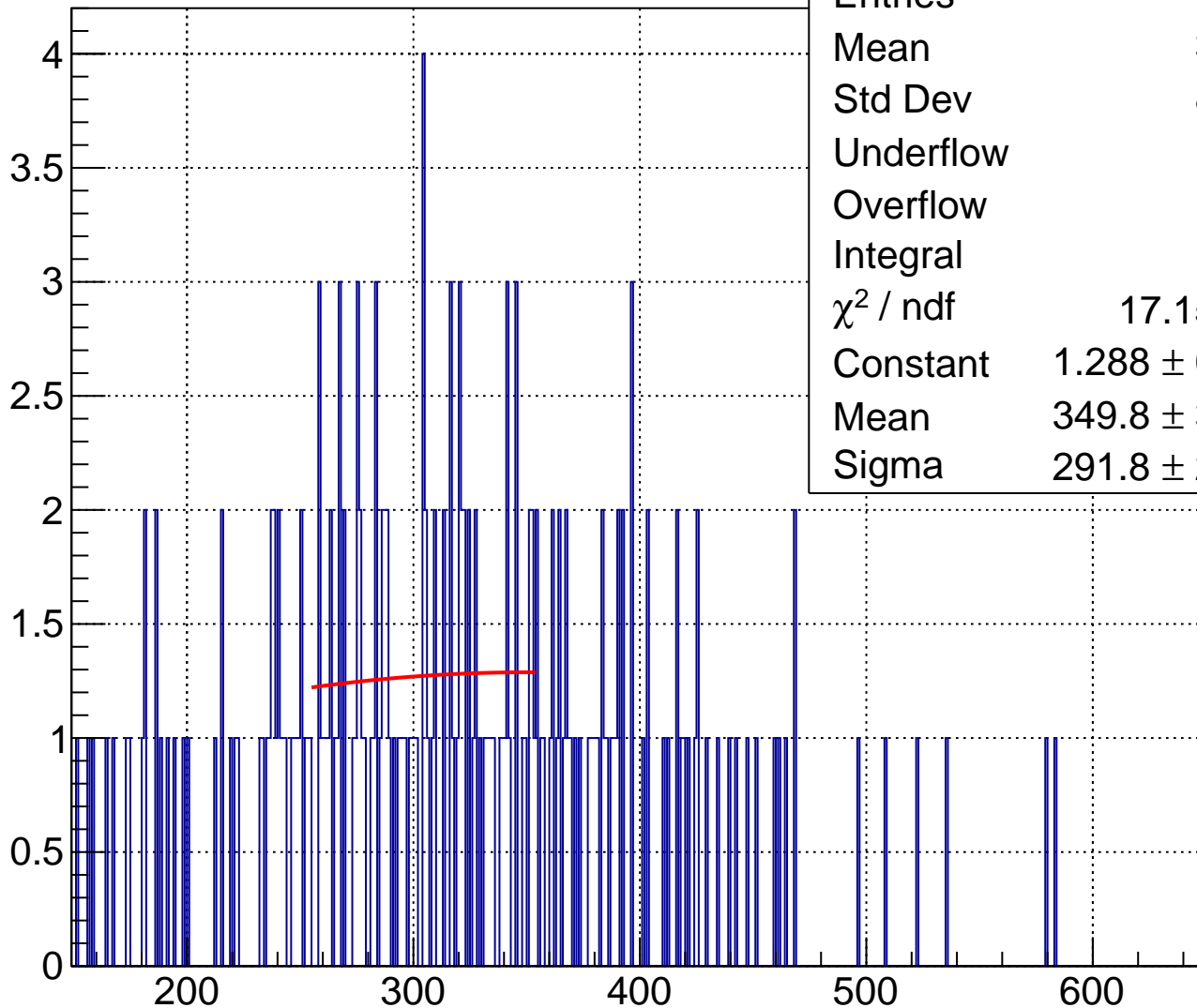
BH2UMIP7



BH2UMIP8

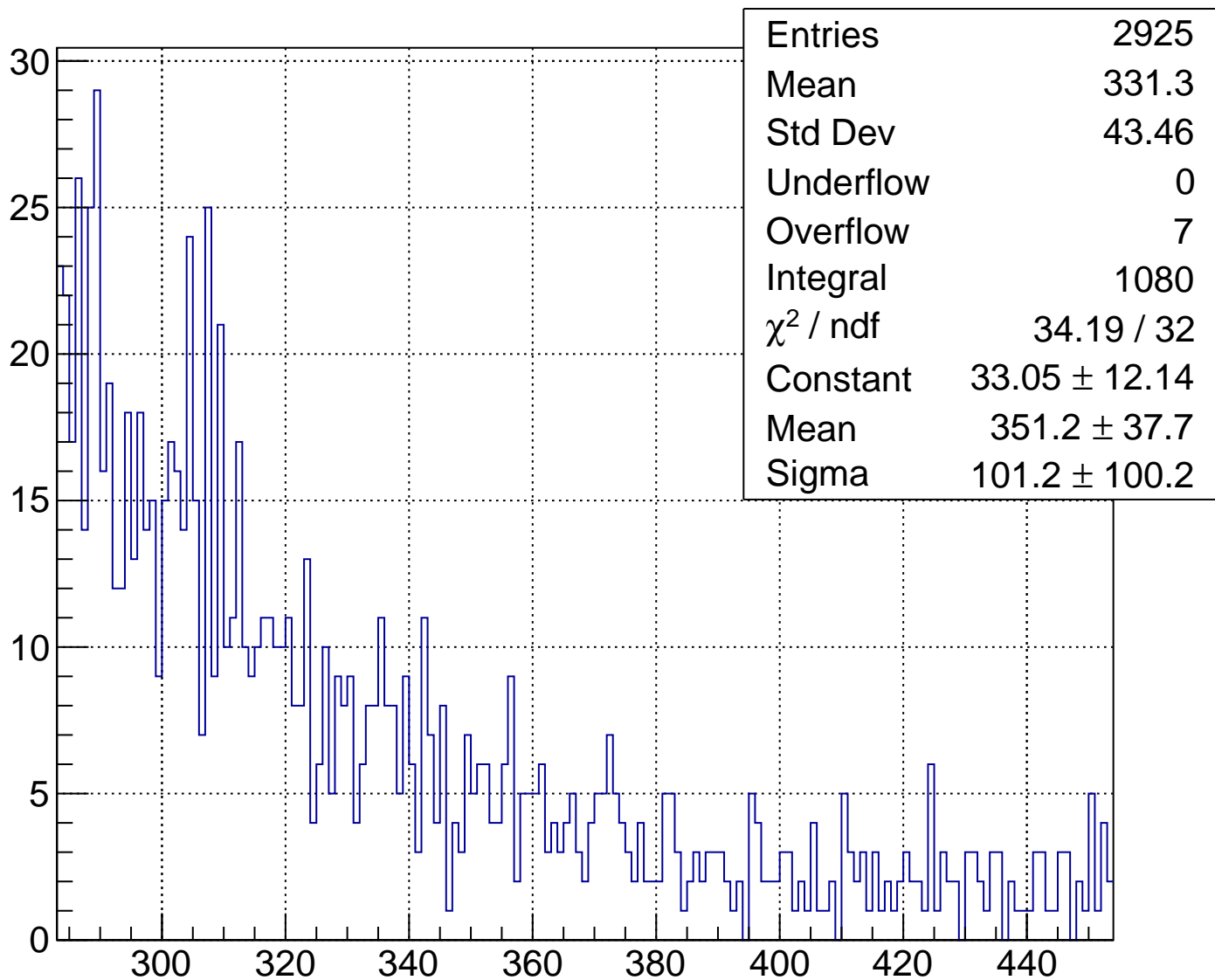


BH2DMIP1

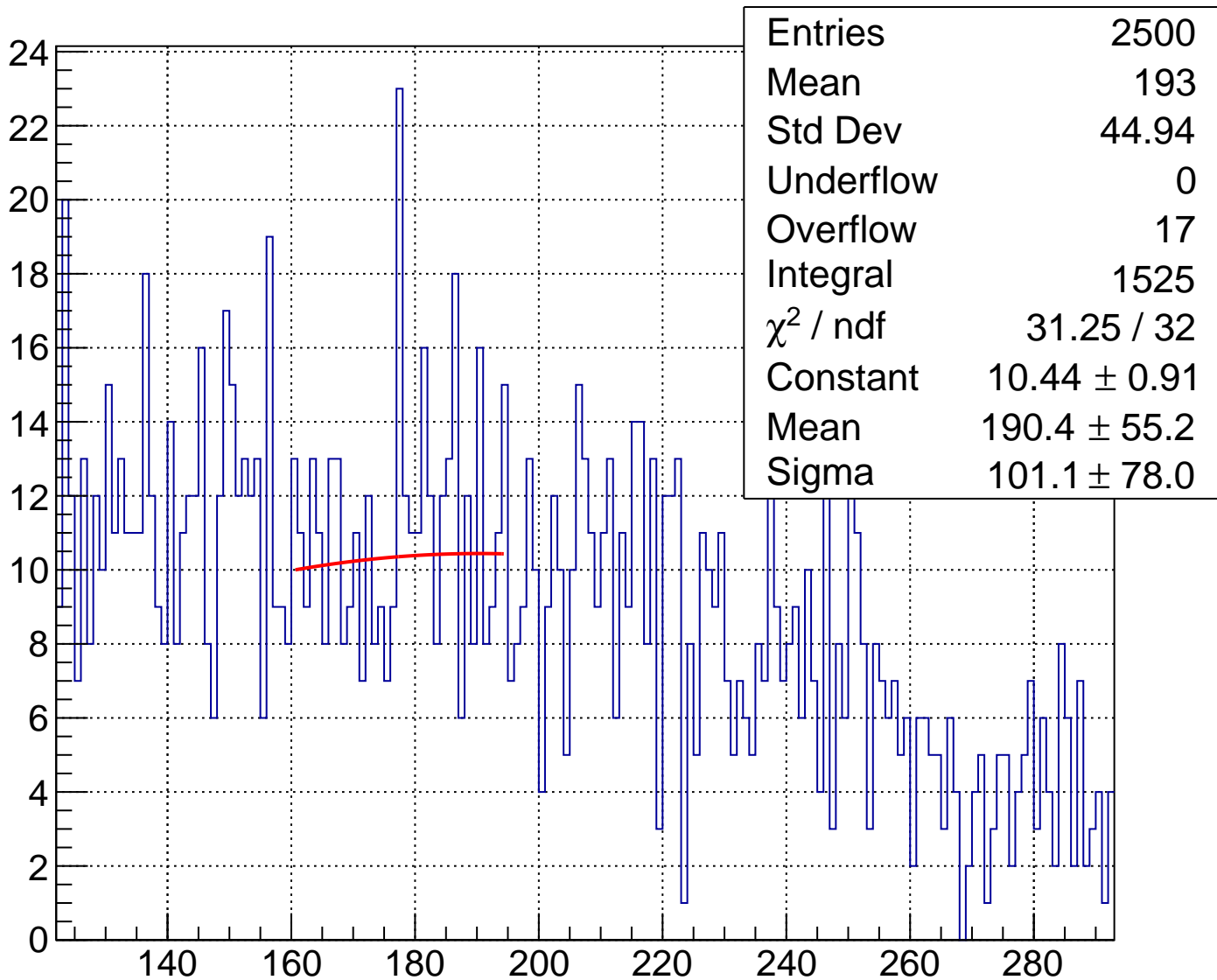


Entries	221
Mean	318.4
Std Dev	80.52
Underflow	0
Overflow	0
Integral	211
χ^2 / ndf	17.15 / 64
Constant	1.288 ± 0.260
Mean	349.8 ± 323.4
Sigma	291.8 ± 285.2

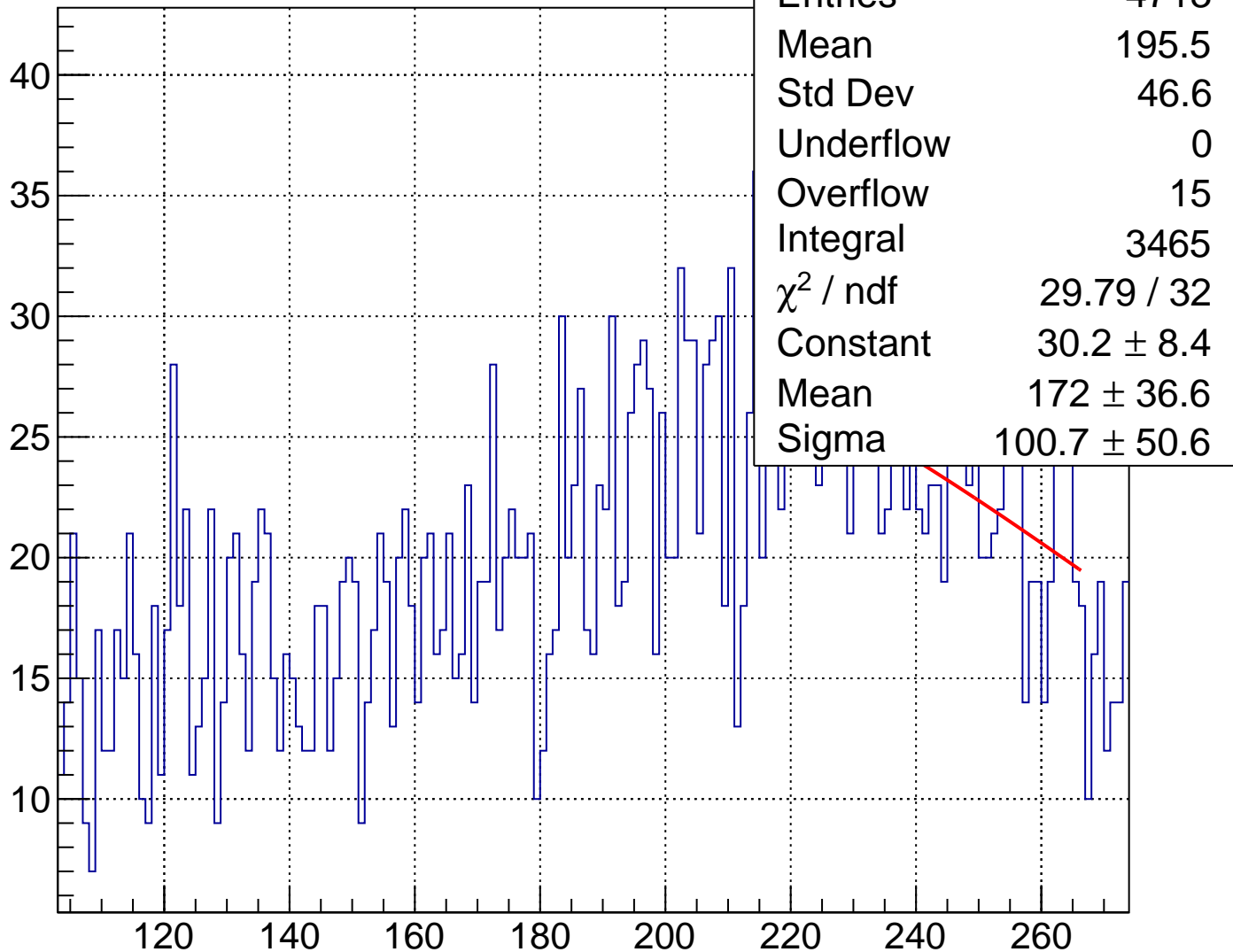
BH2DMIP2



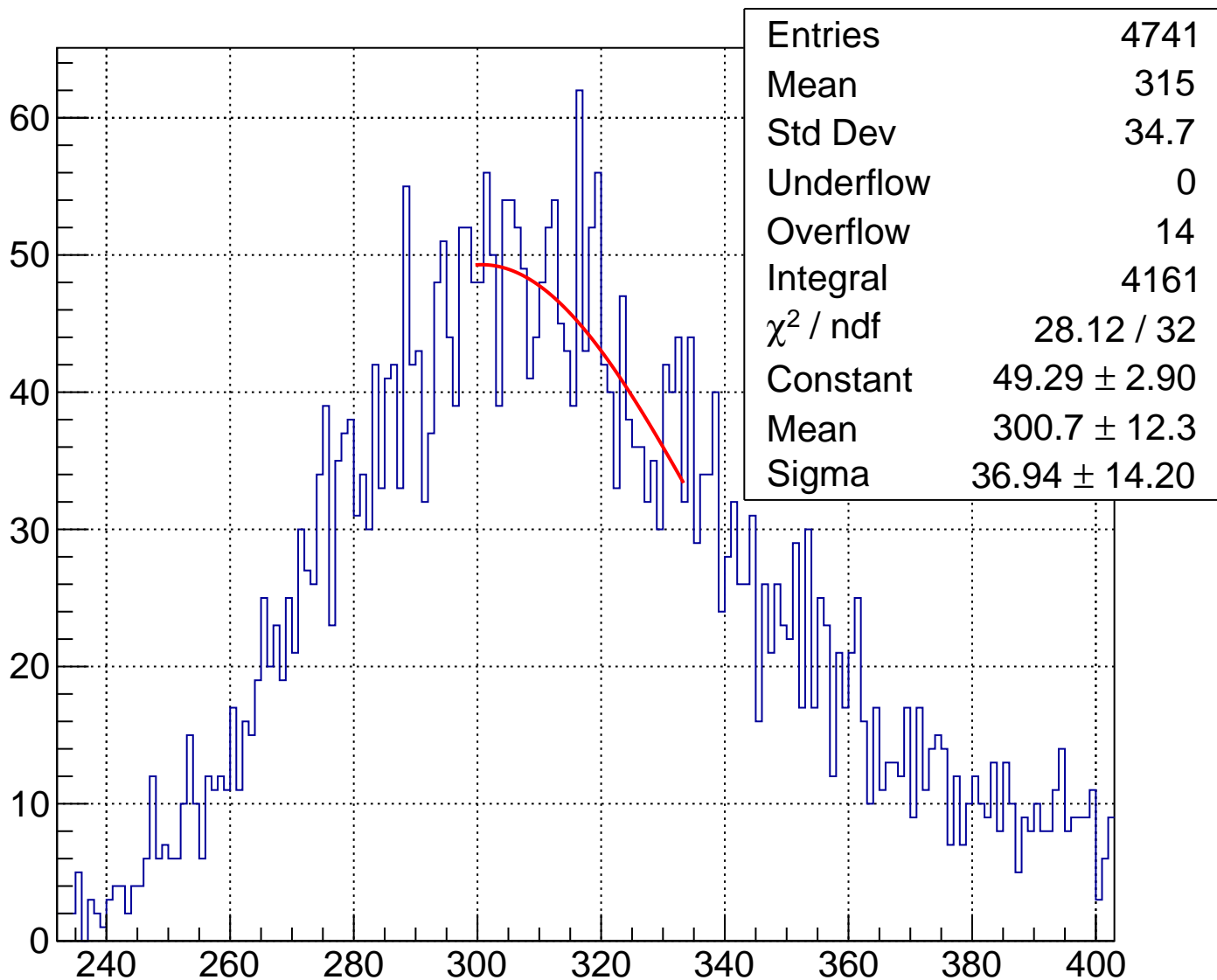
BH2DMIP3



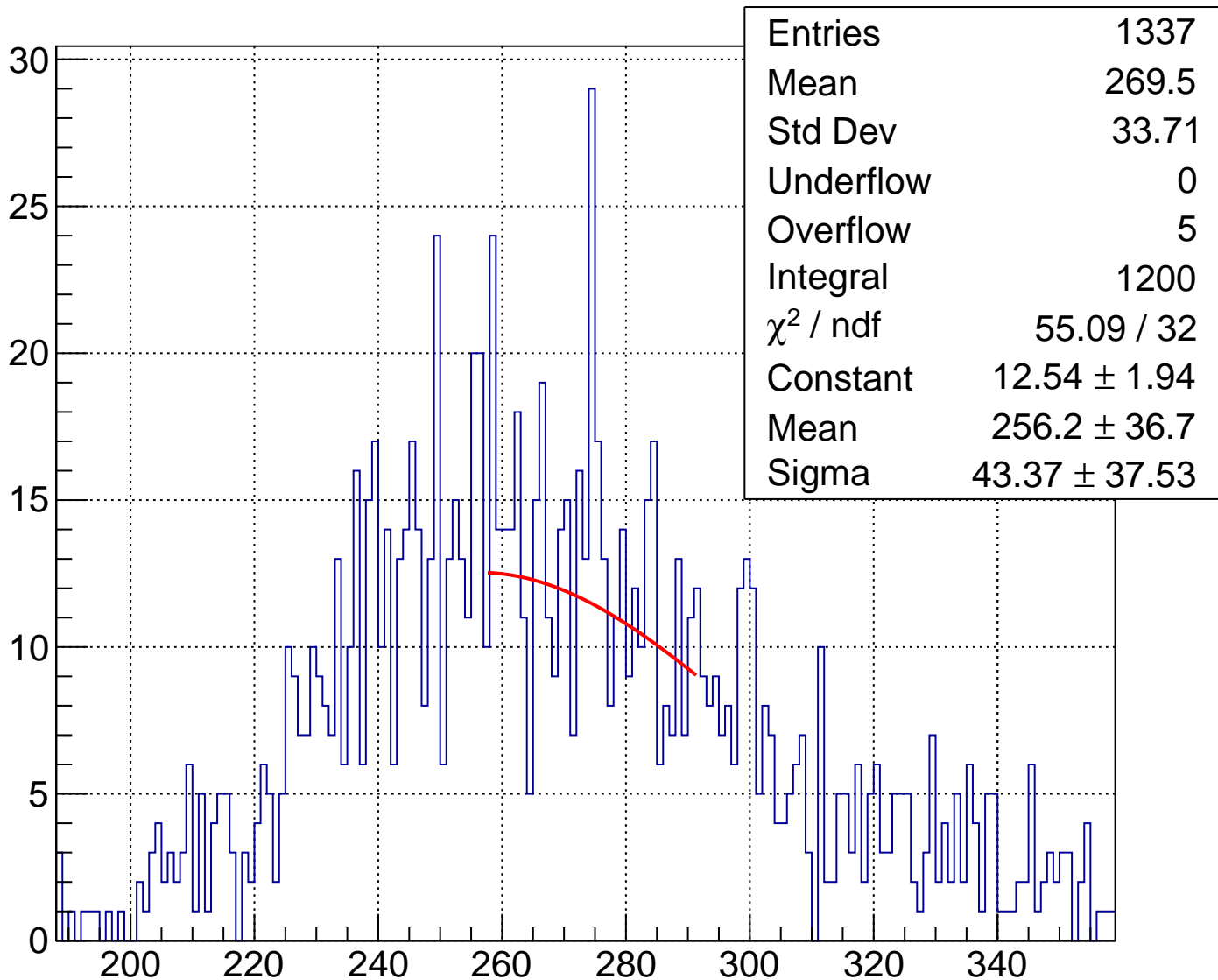
BH2DMIP4



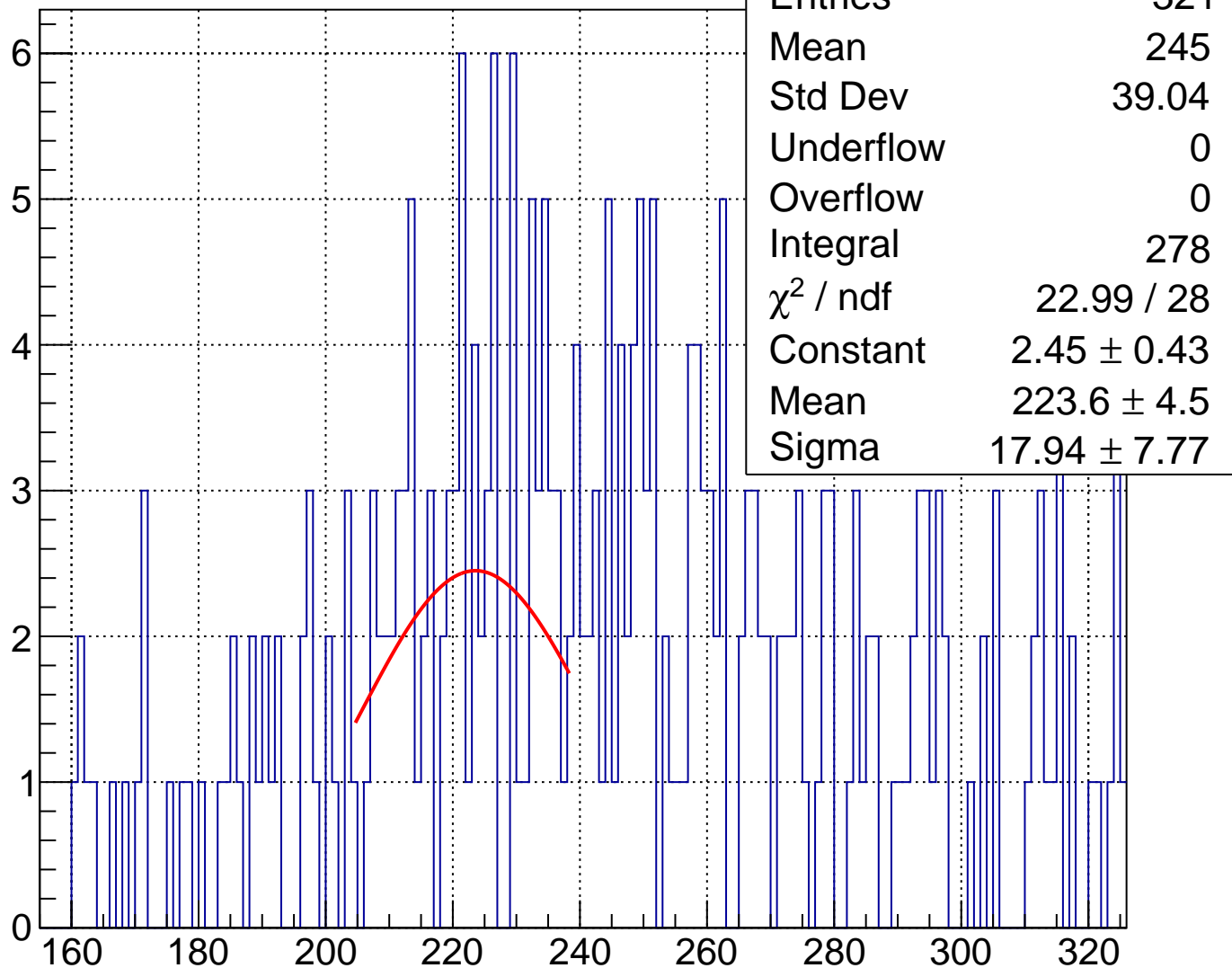
BH2DMIP5



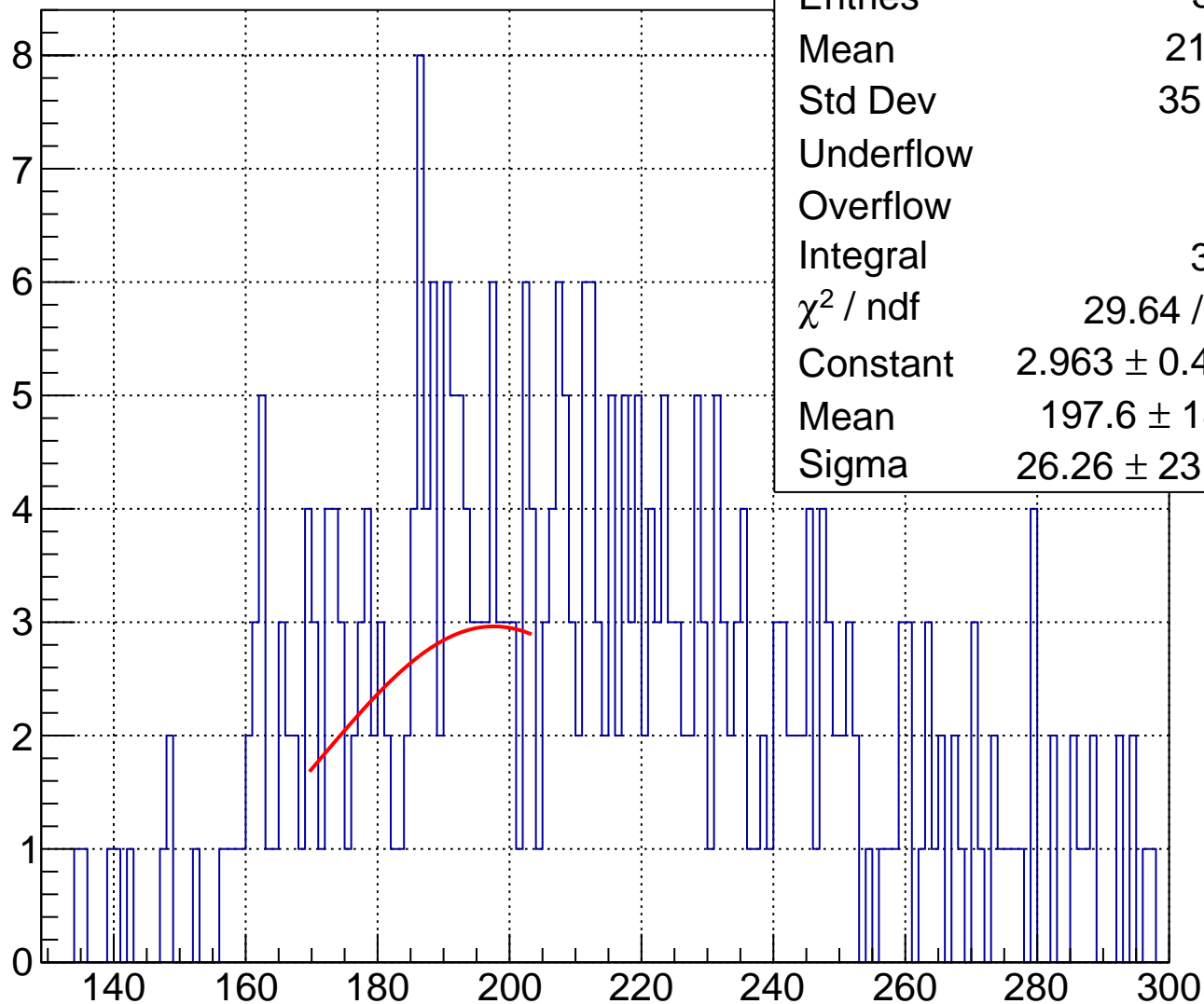
BH2DMIP6



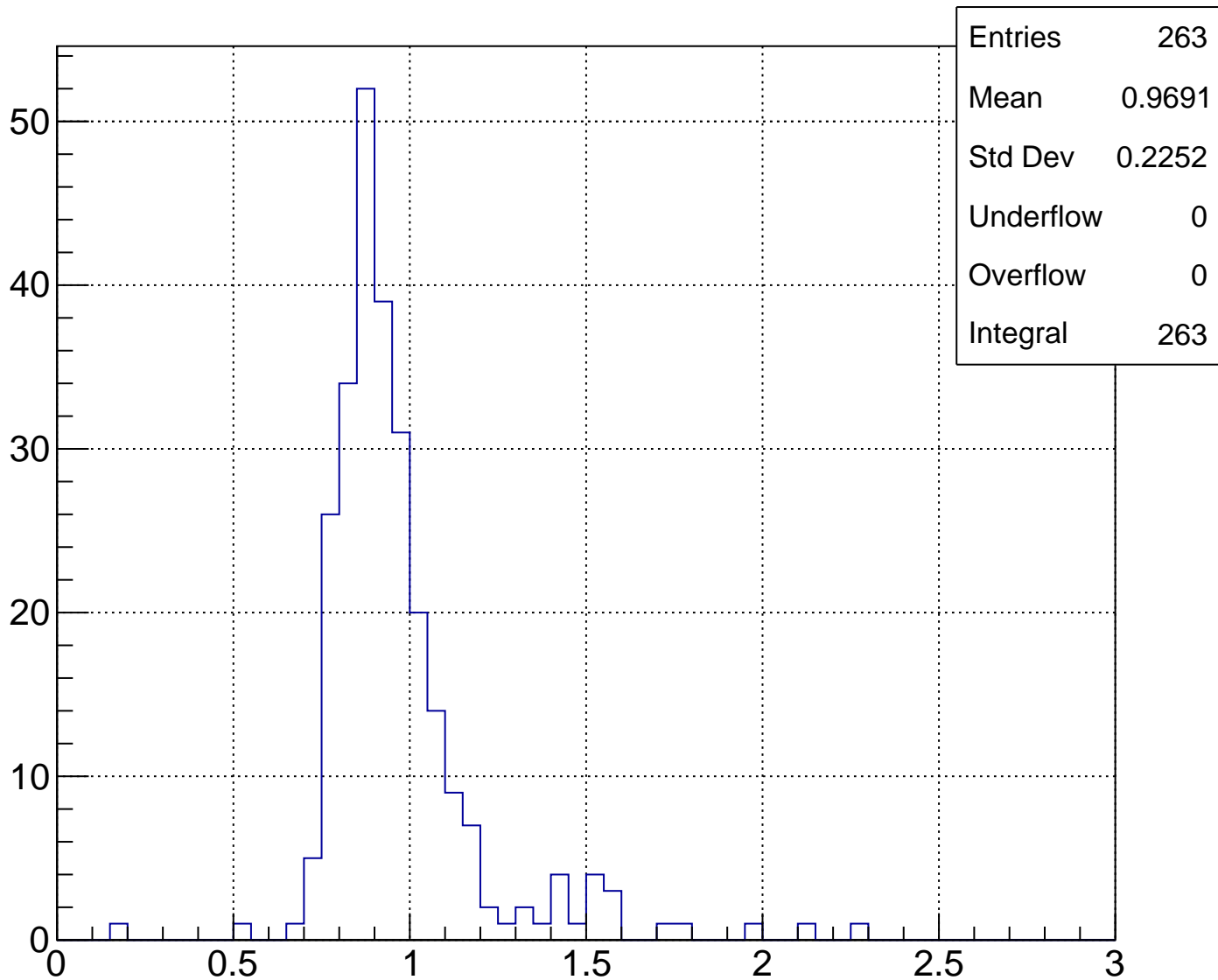
BH2DMIP7



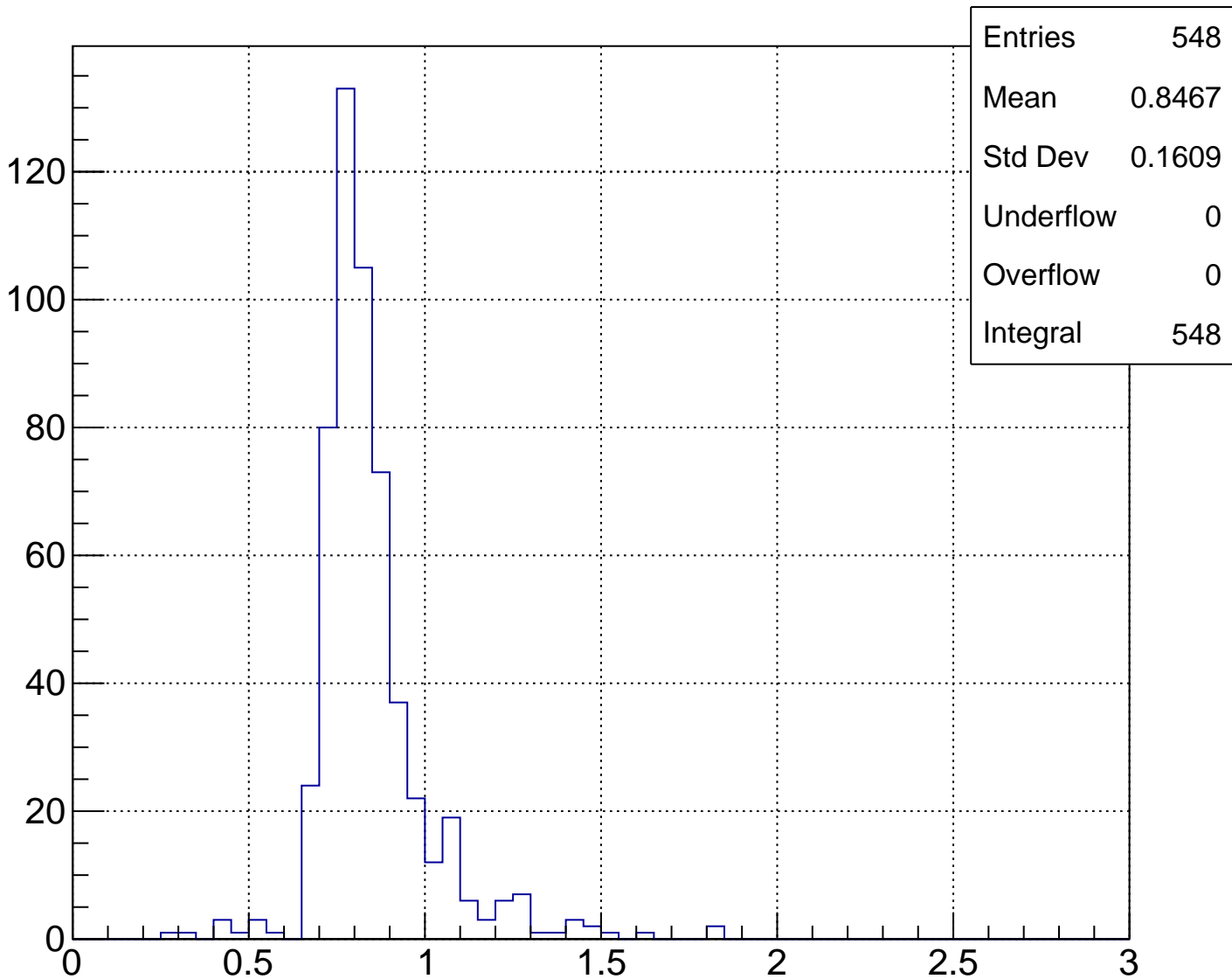
BH2DMIP8



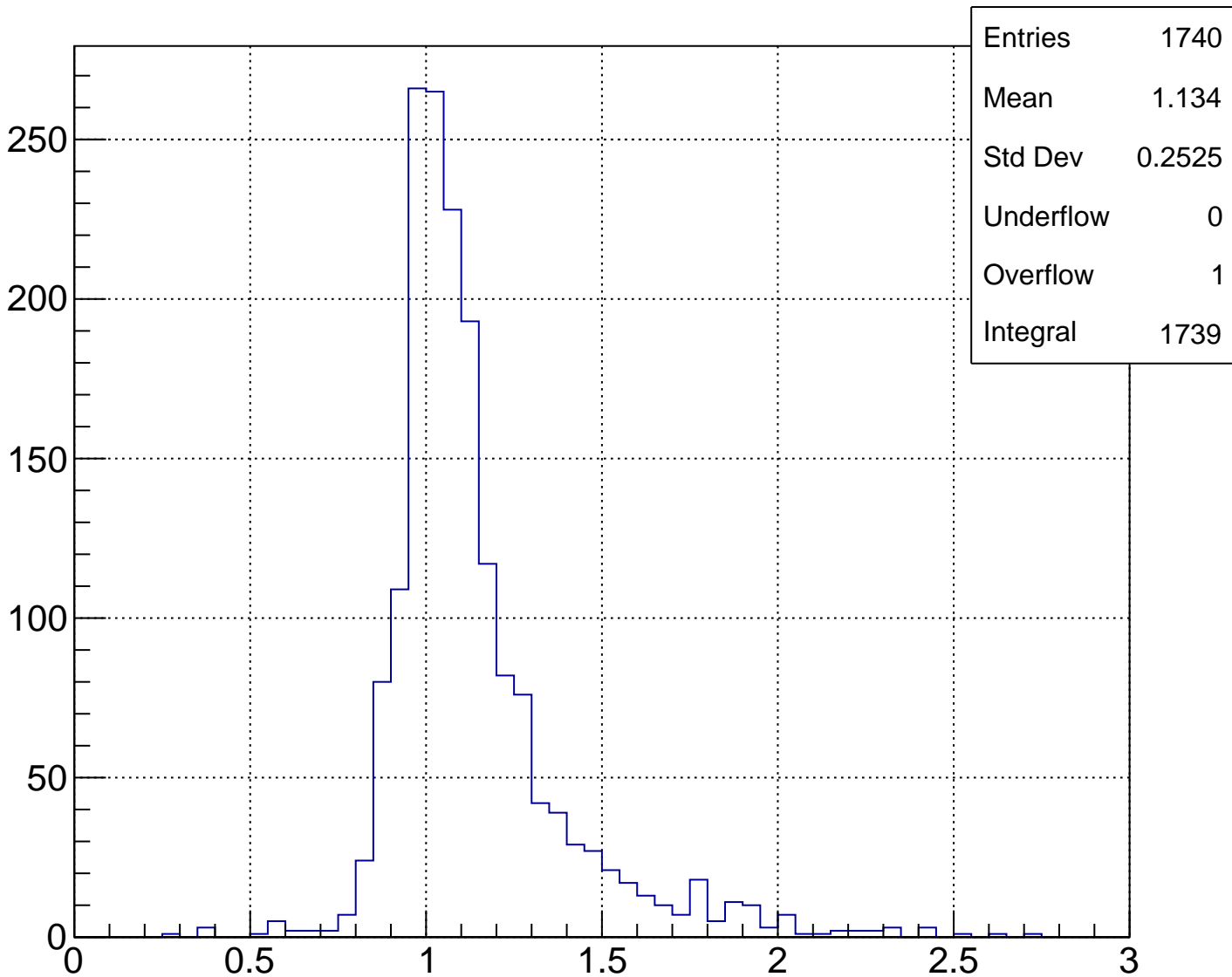
BH1UdE1



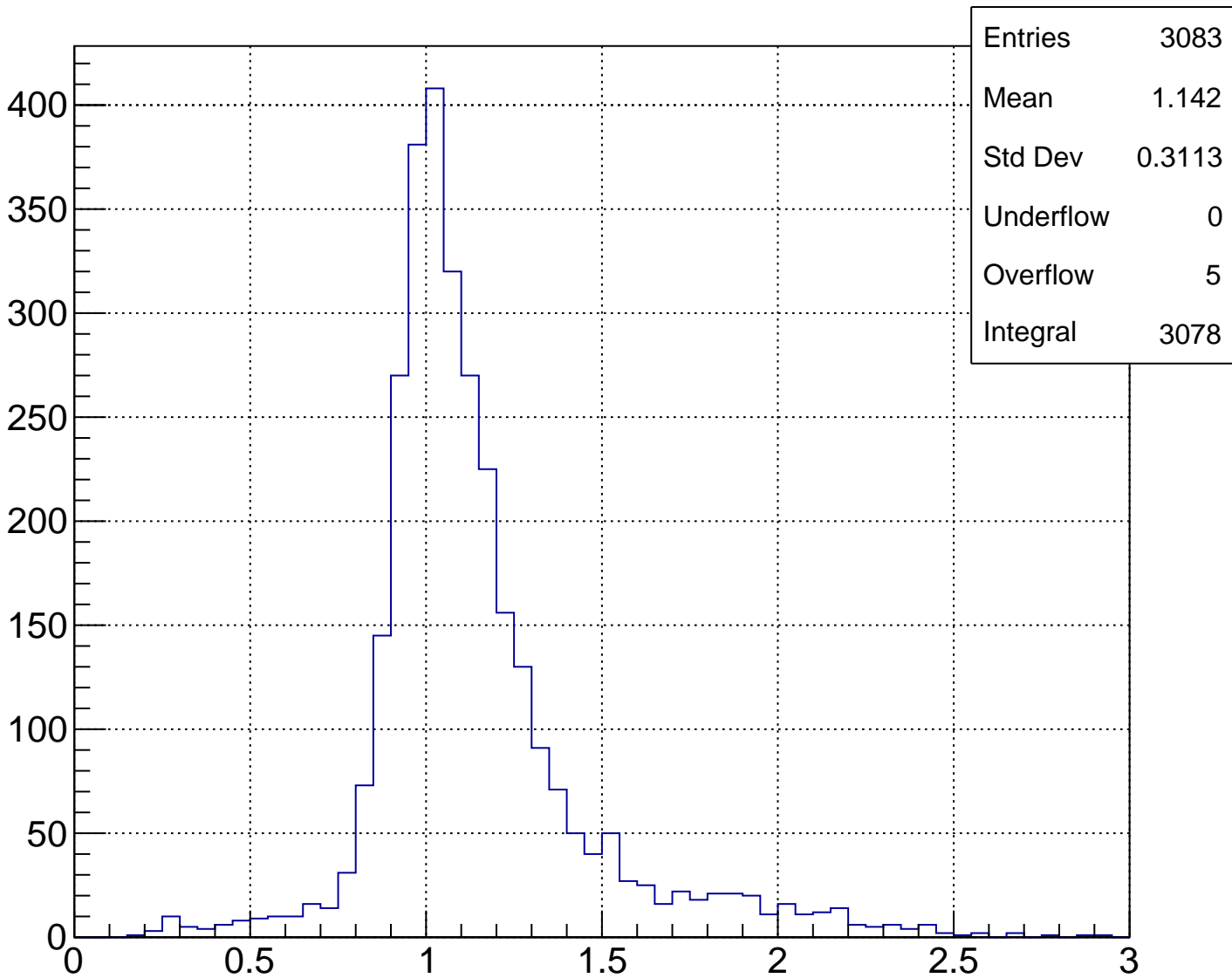
BH1UdE2



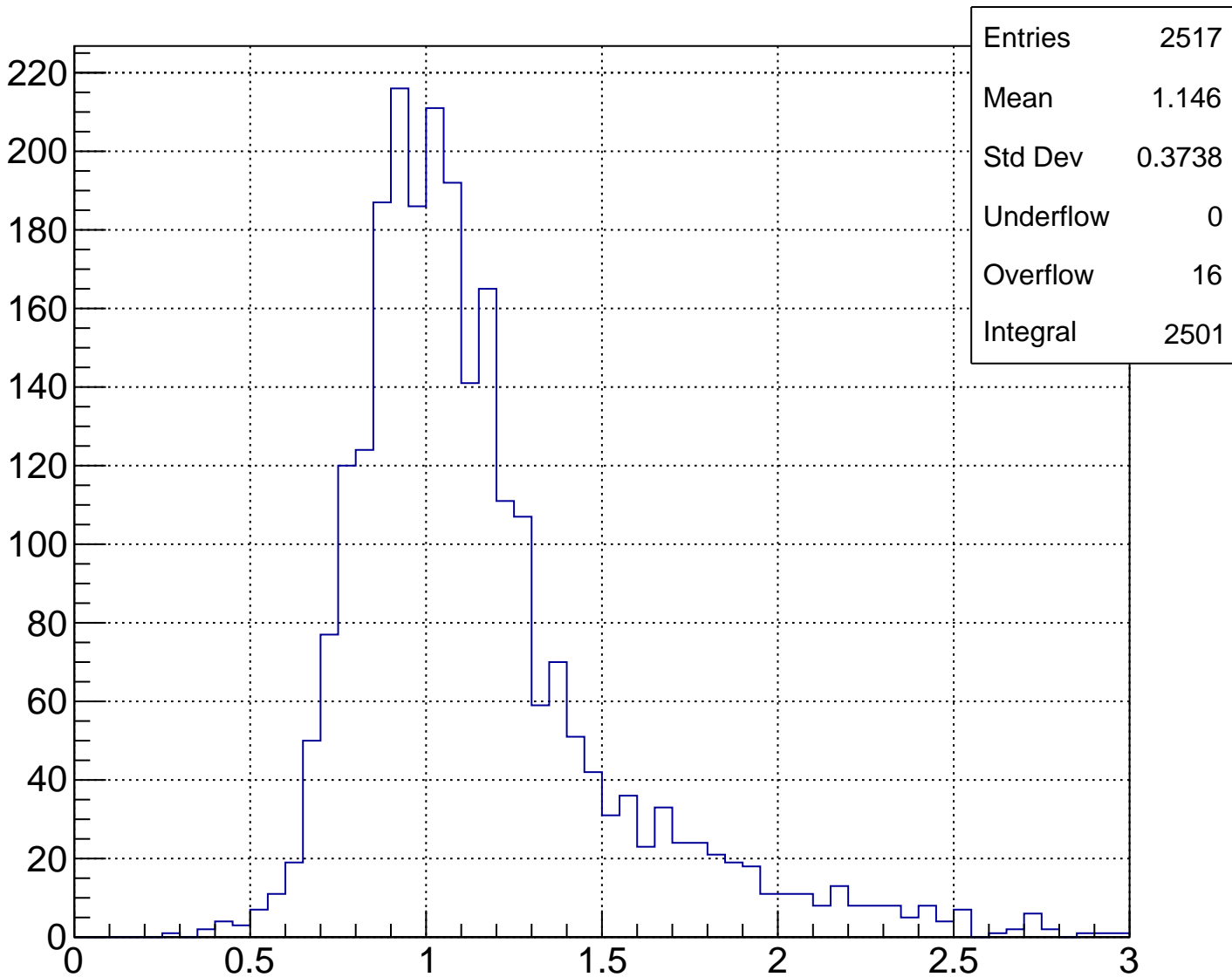
BH1UdE3



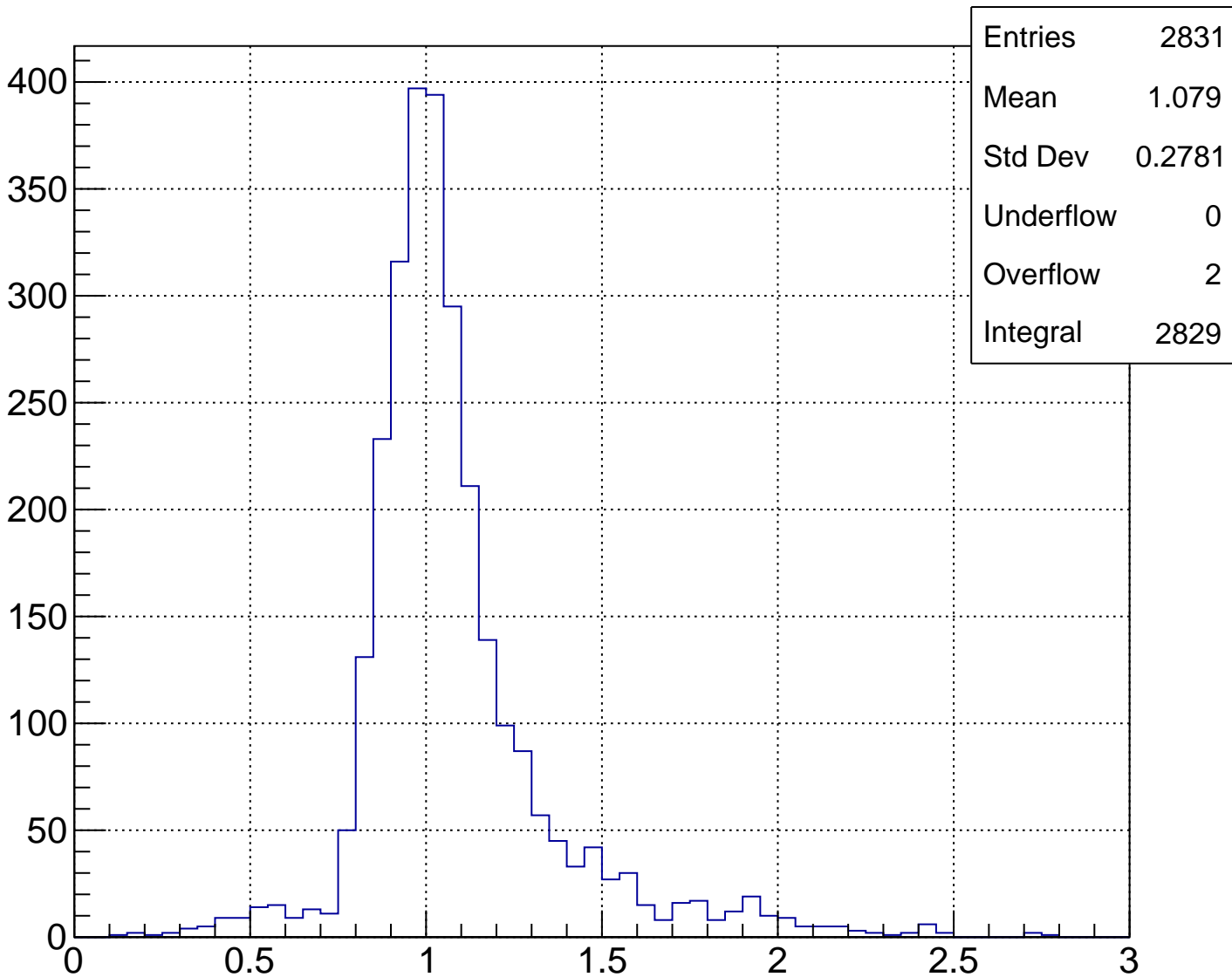
BH1UdE4



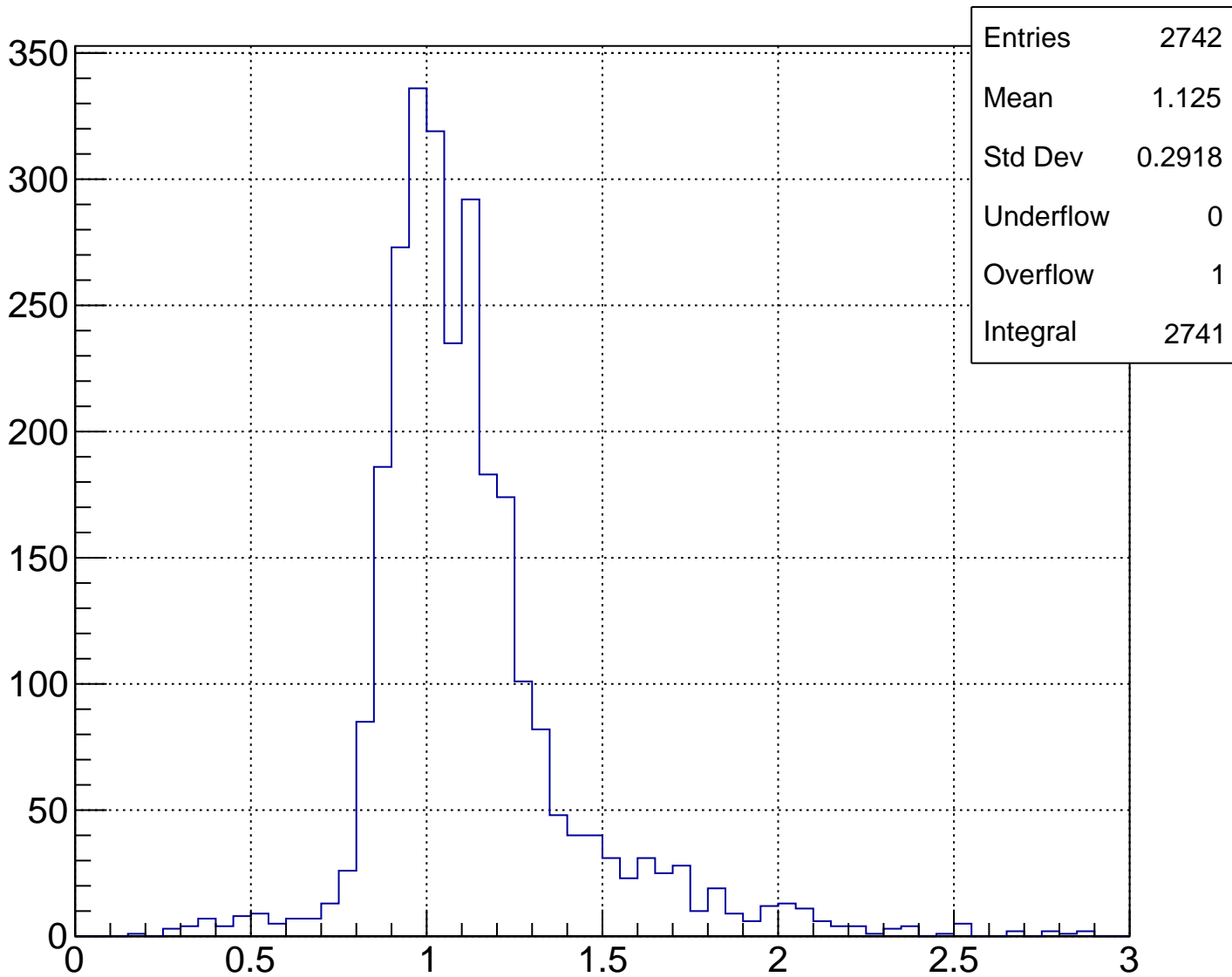
BH1UdE5



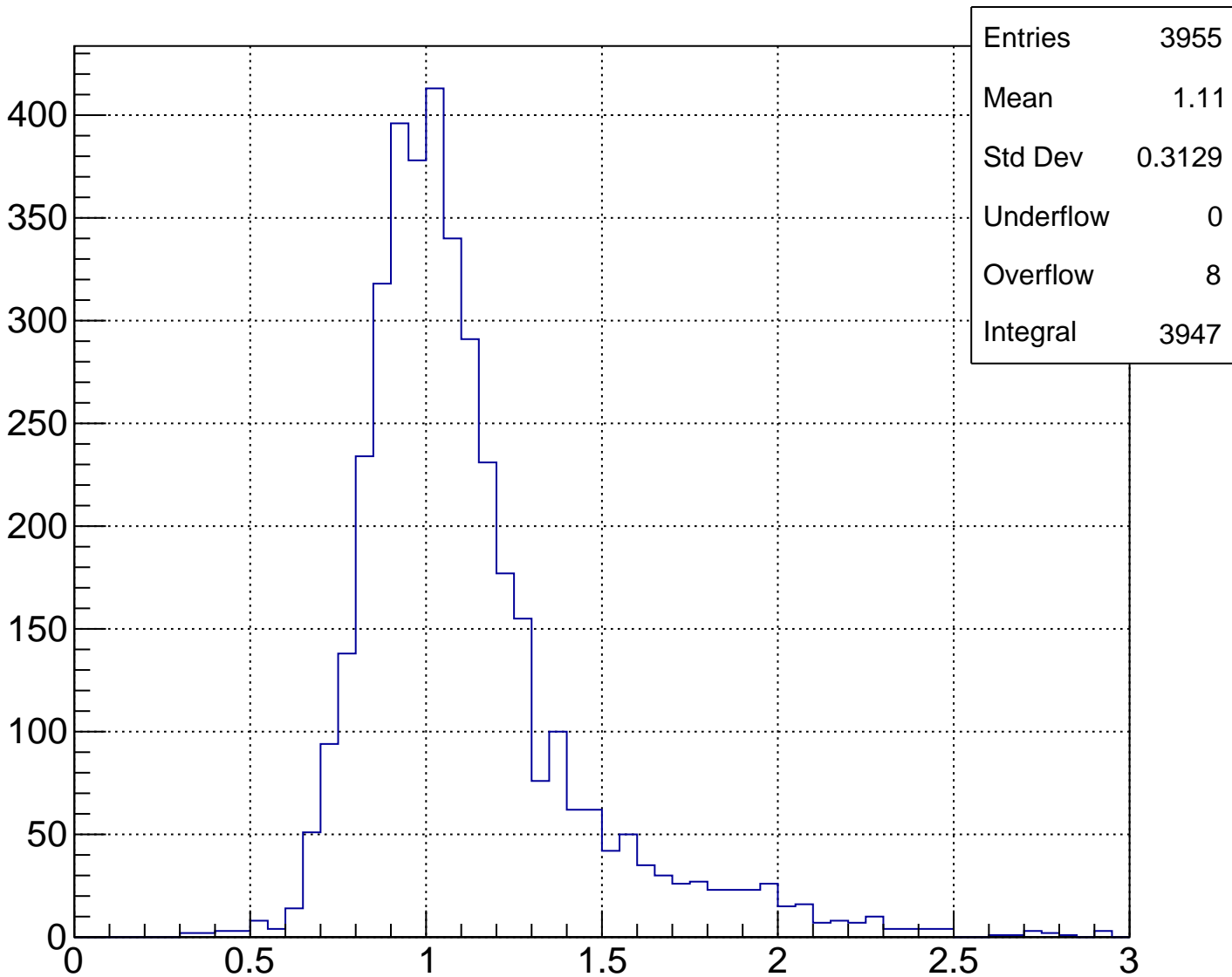
BH1UdE6



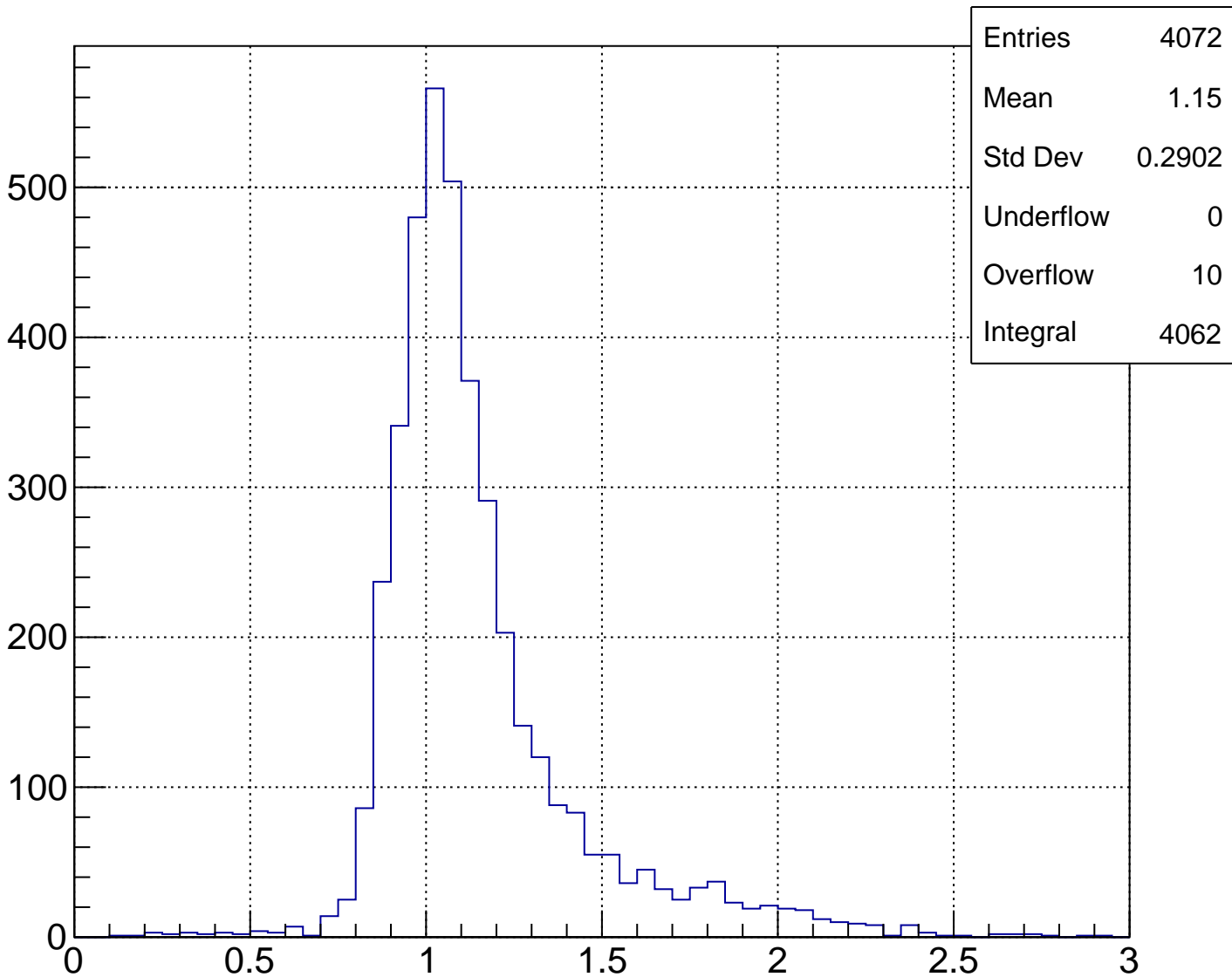
BH1UdE7



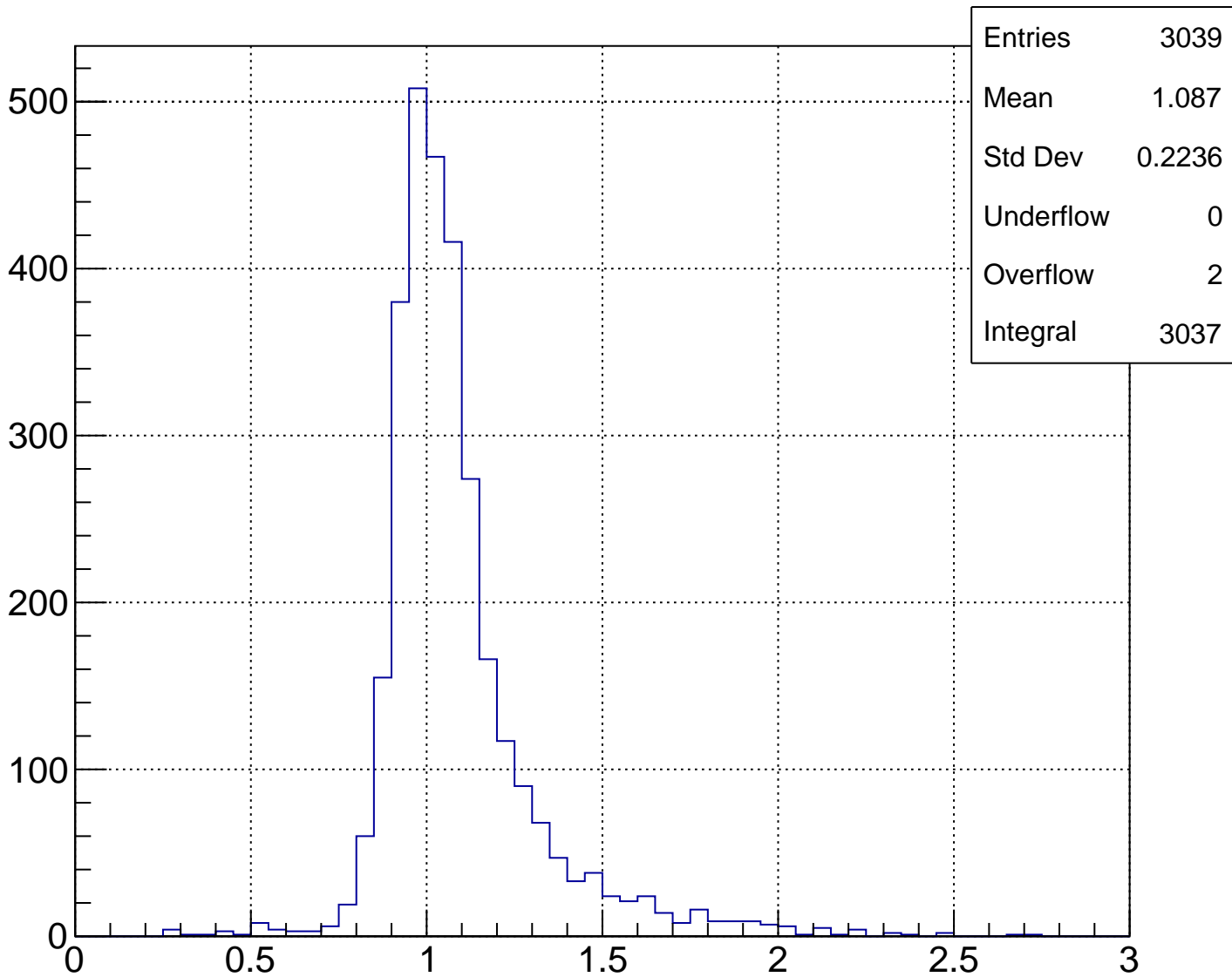
BH1UdE8



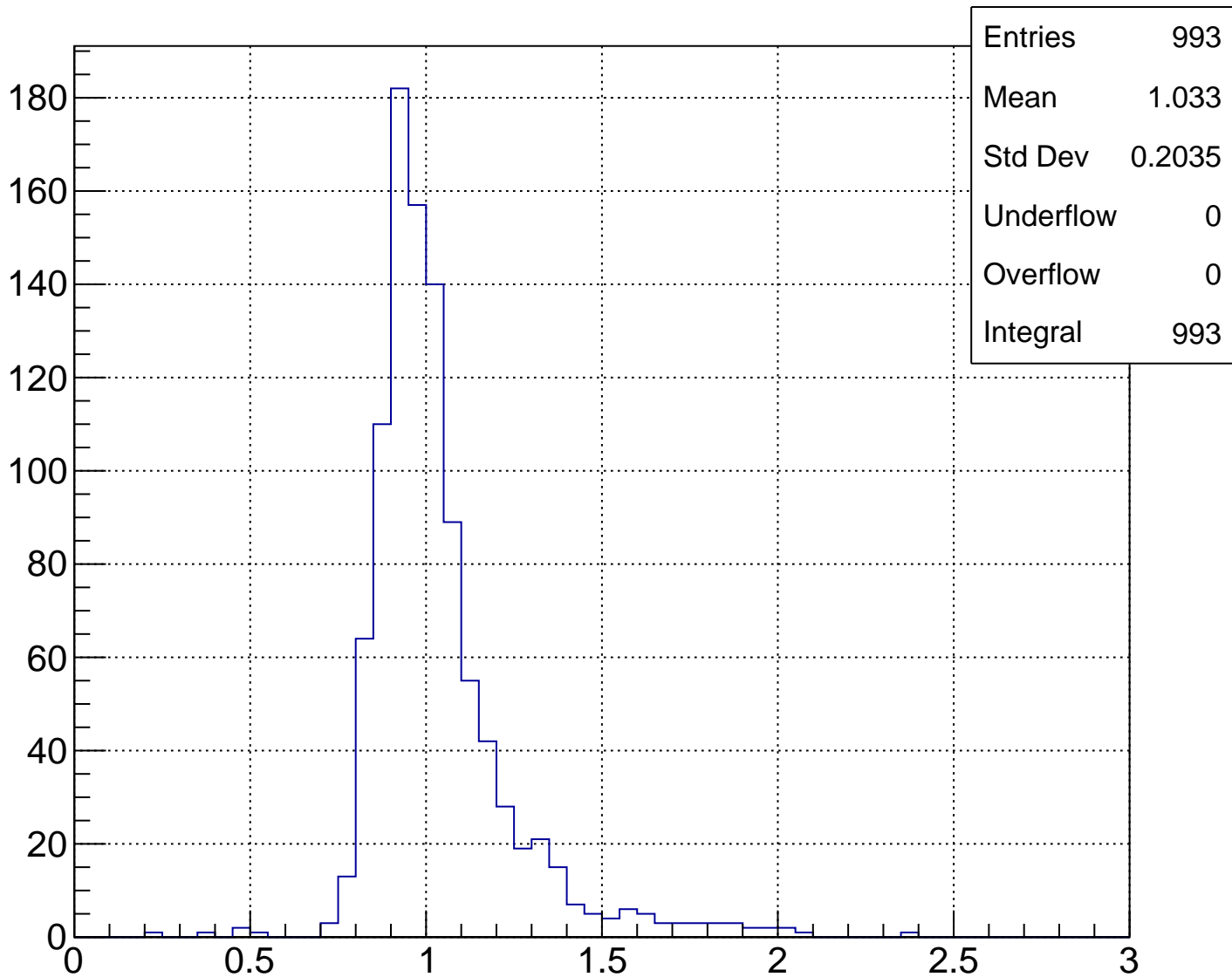
BH1UdE9



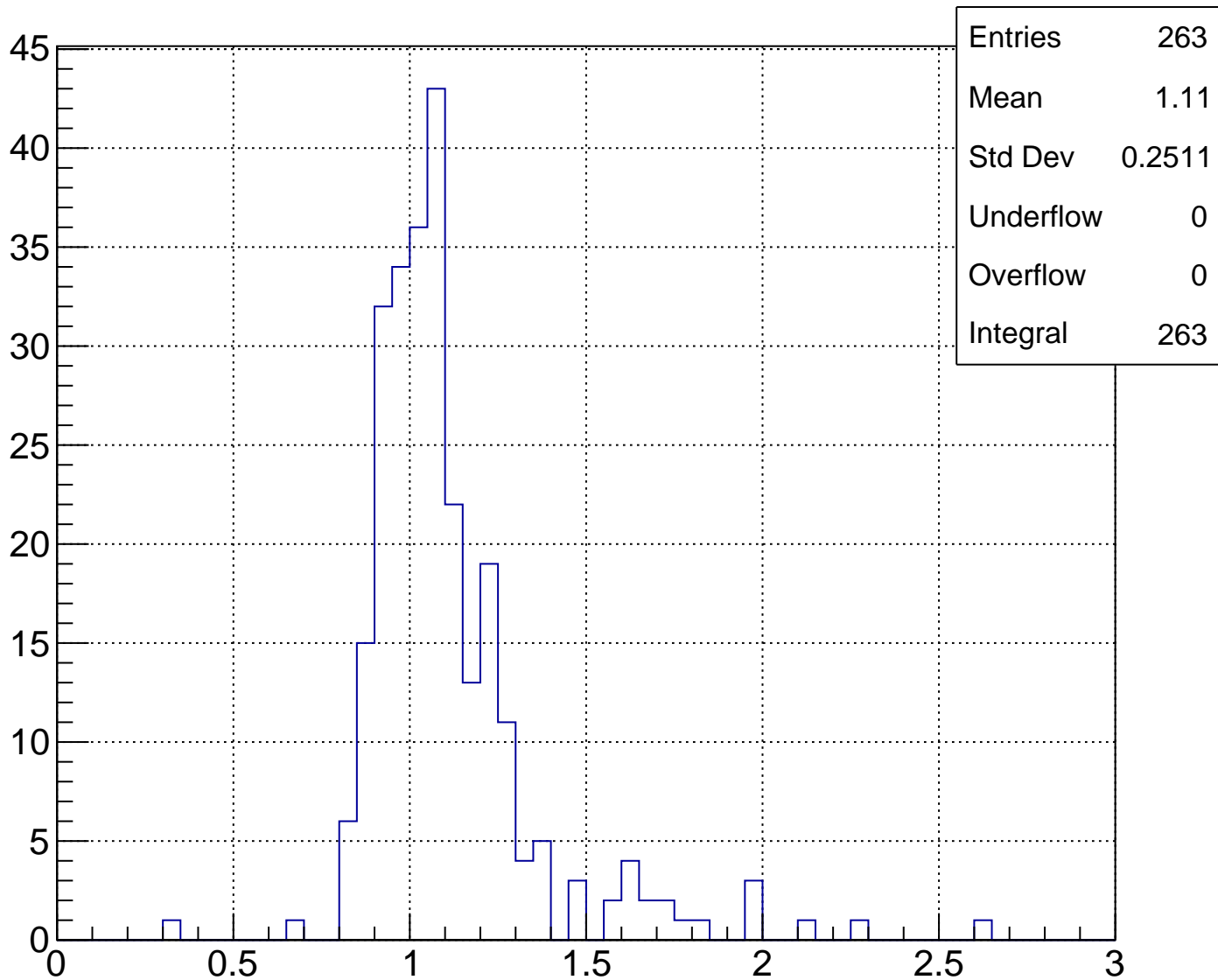
BH1UdE10



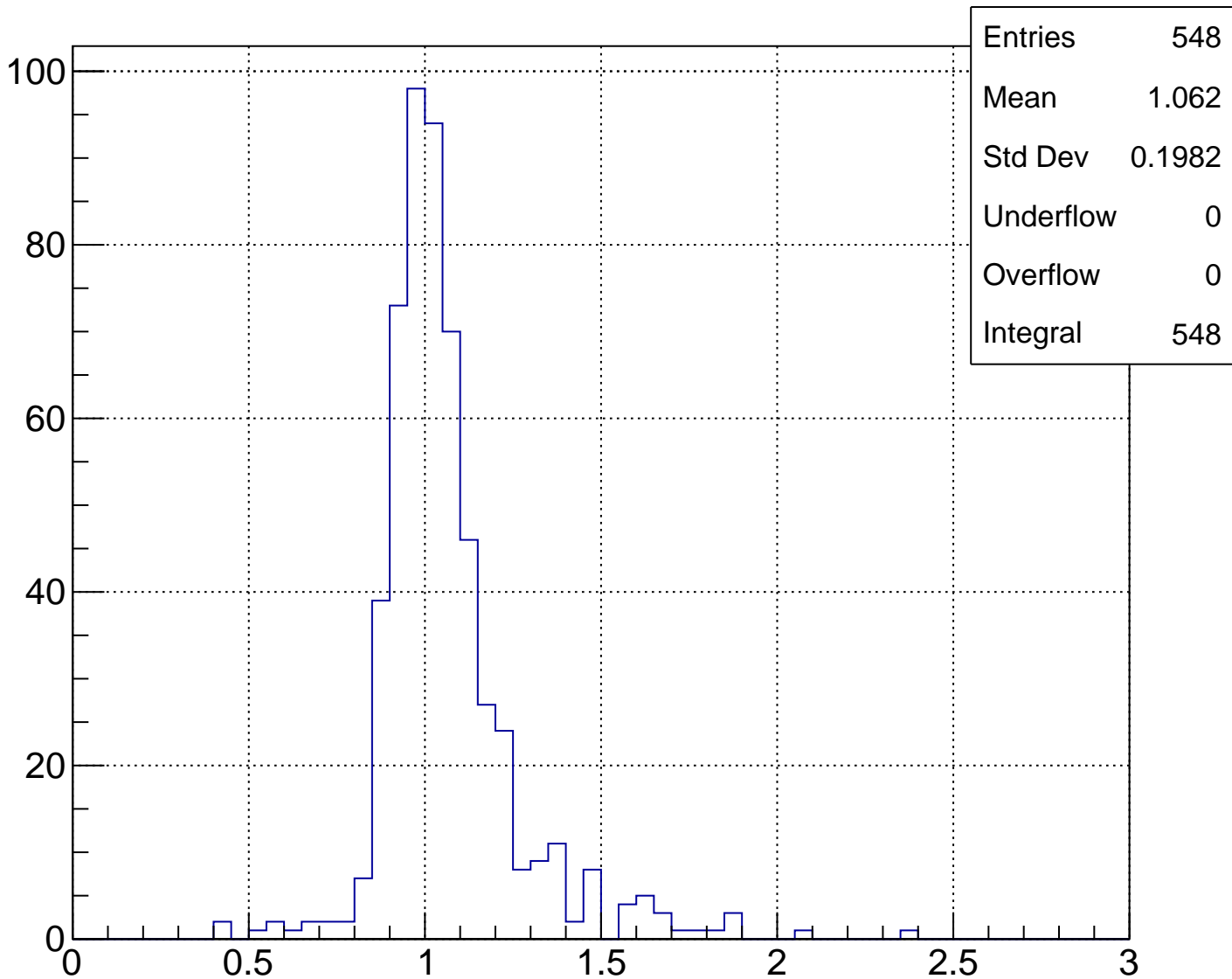
BH1UdE11



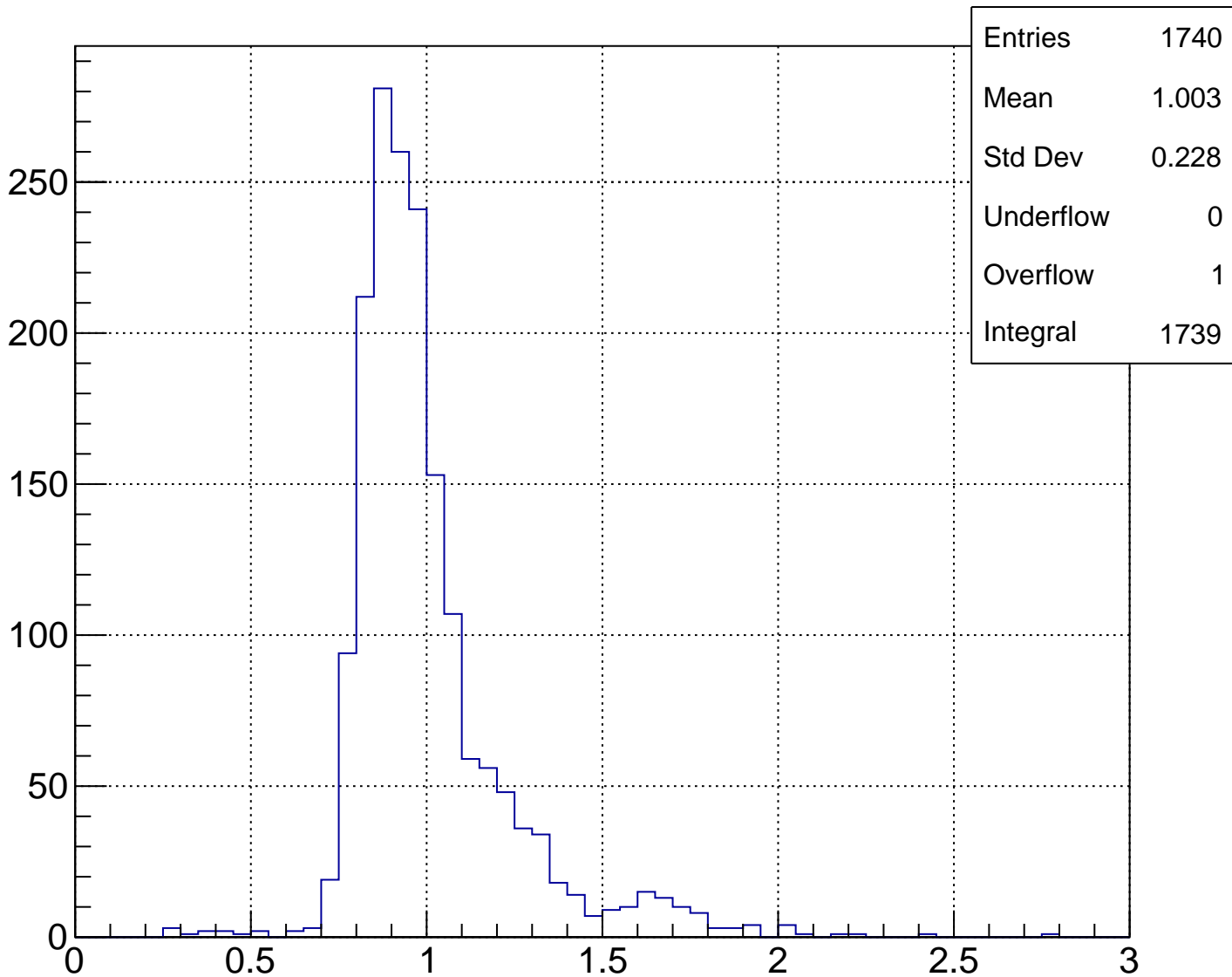
BH1DdE1



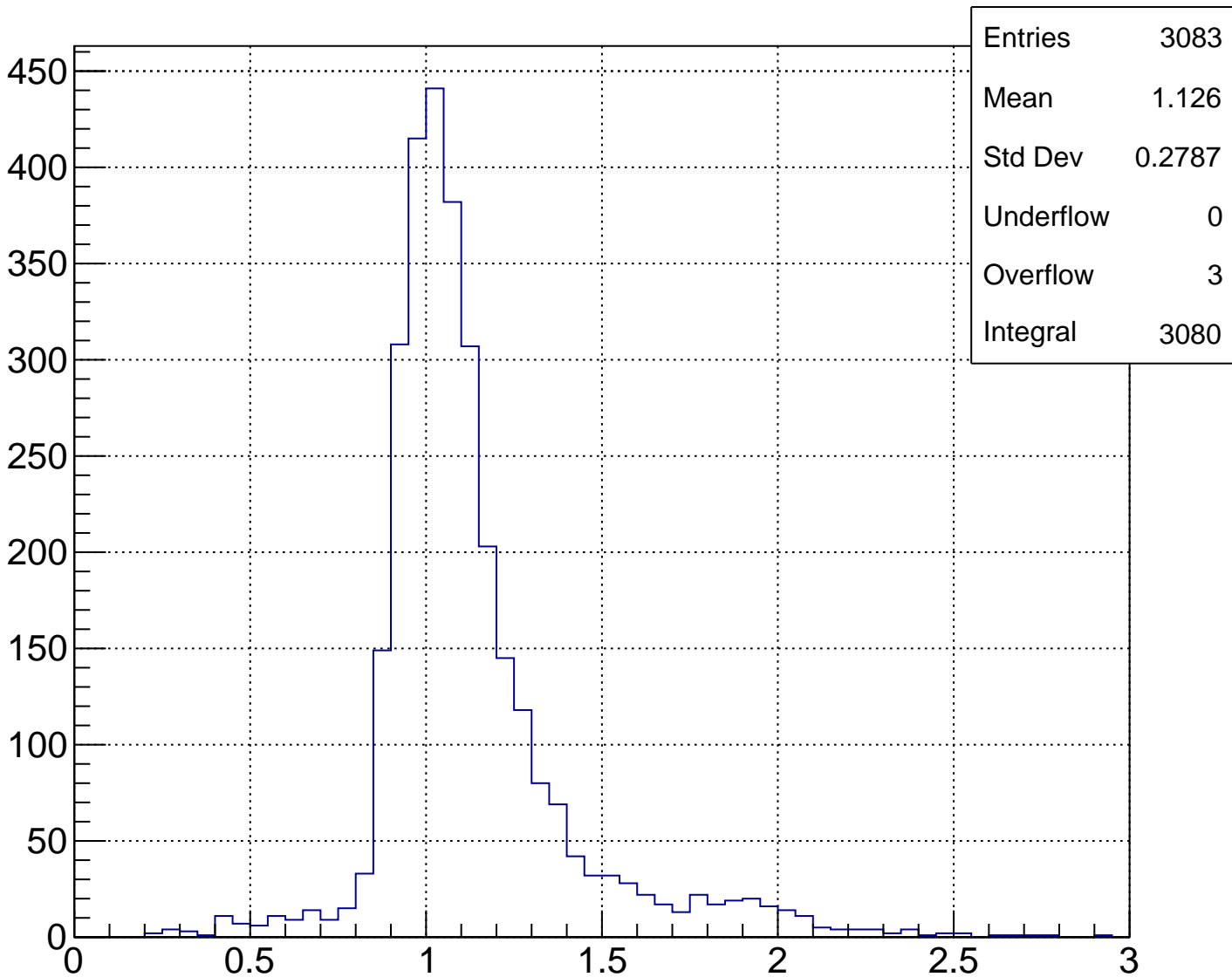
BH1DdE2



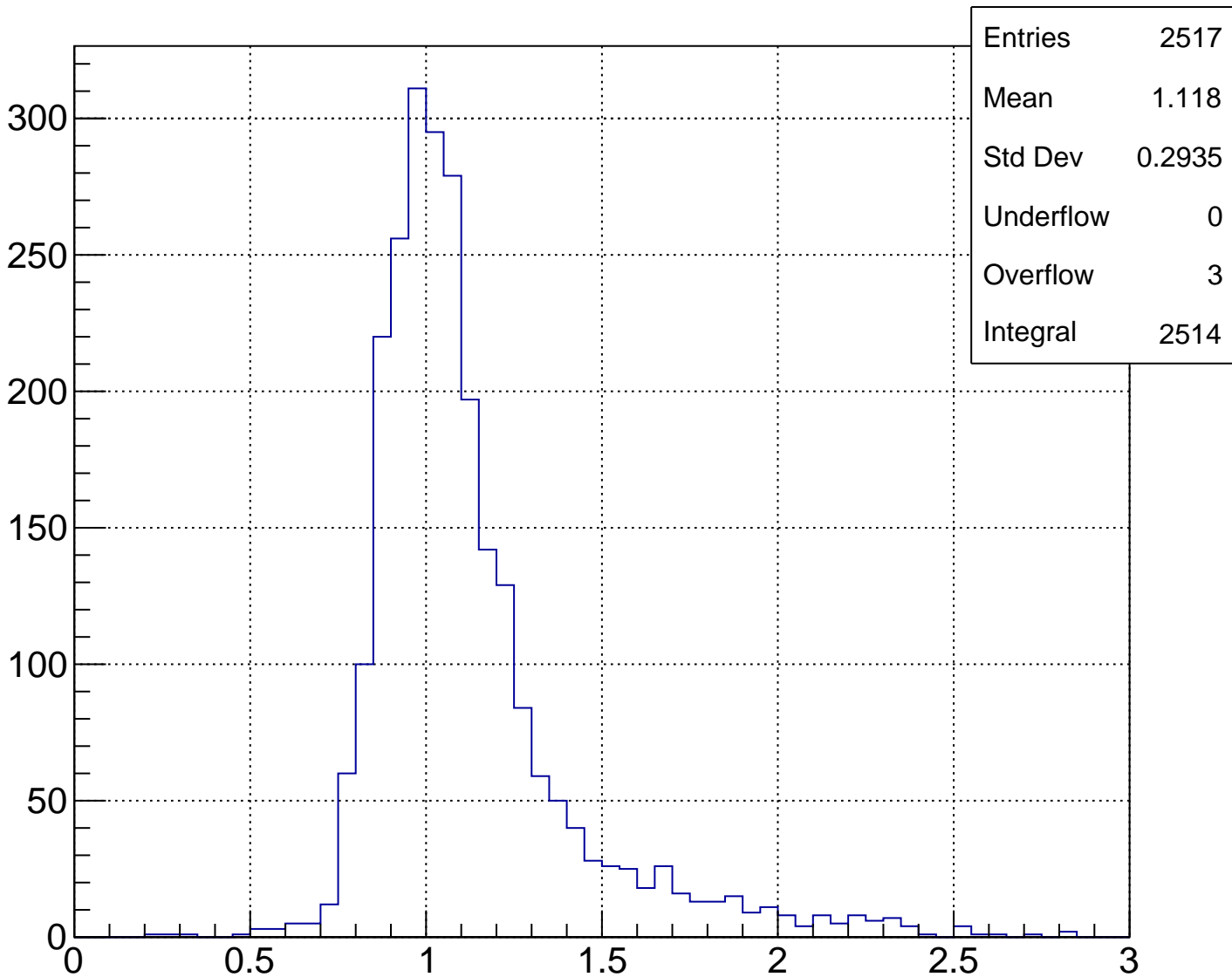
BH1DdE3



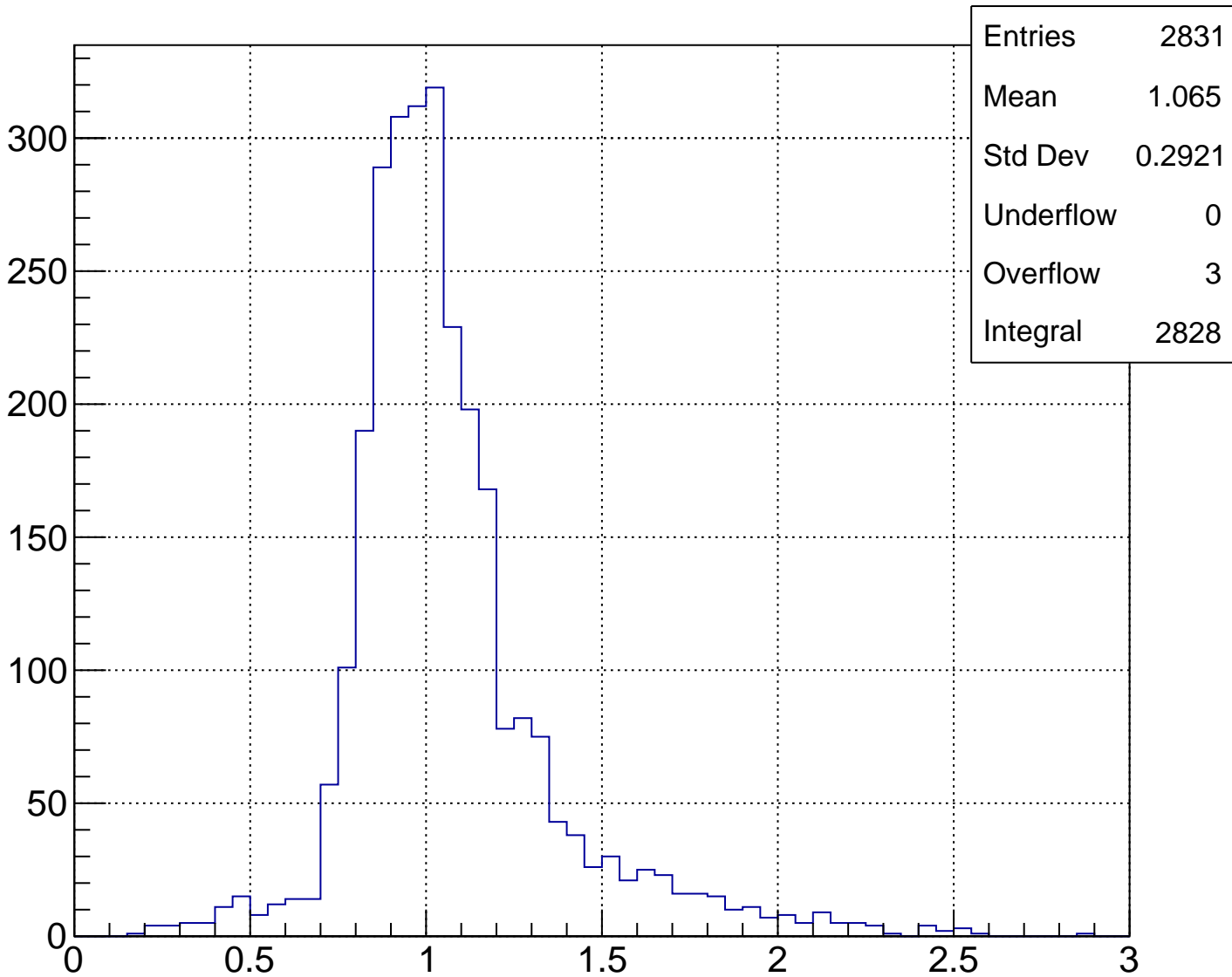
BH1DdE4



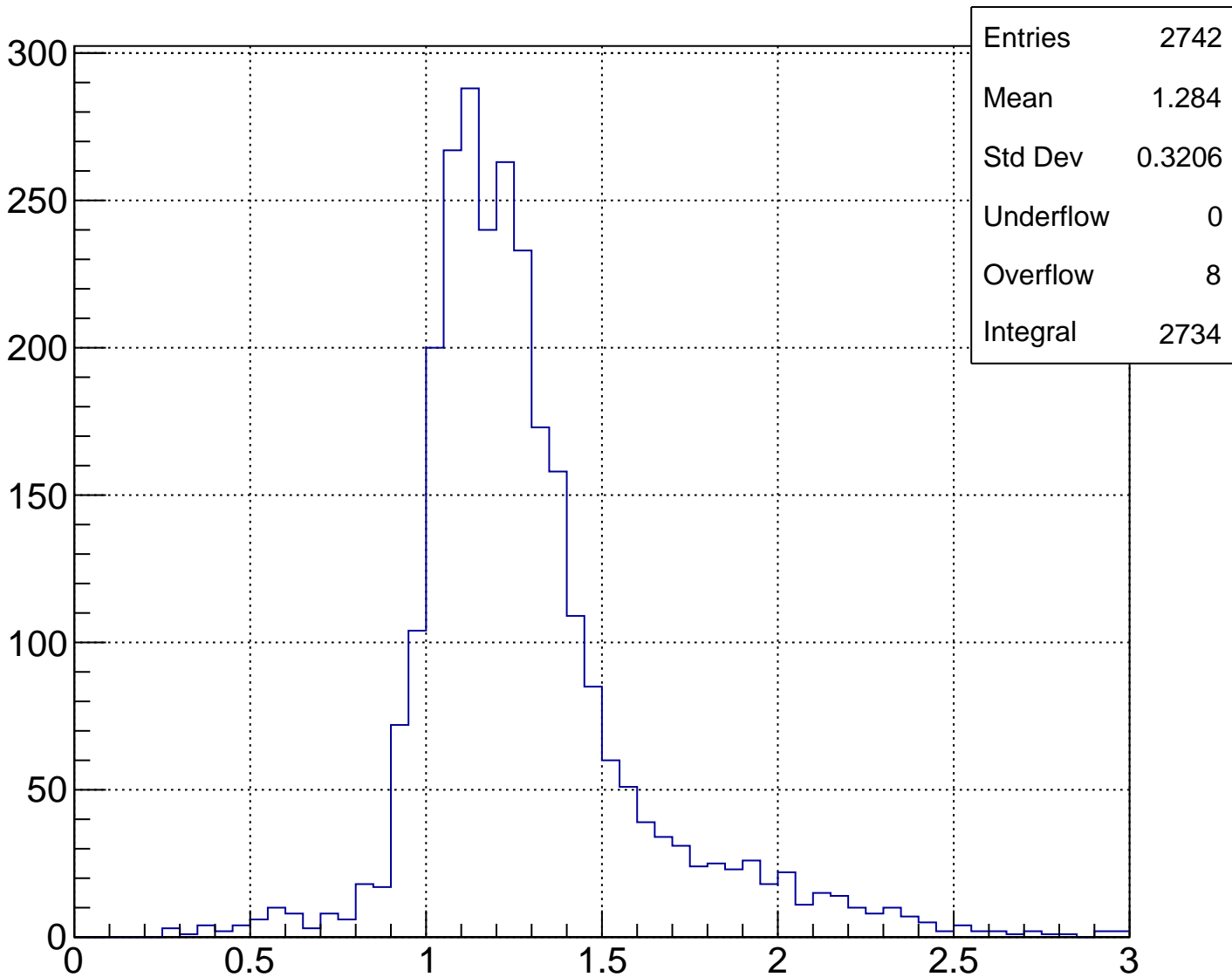
BH1DdE5



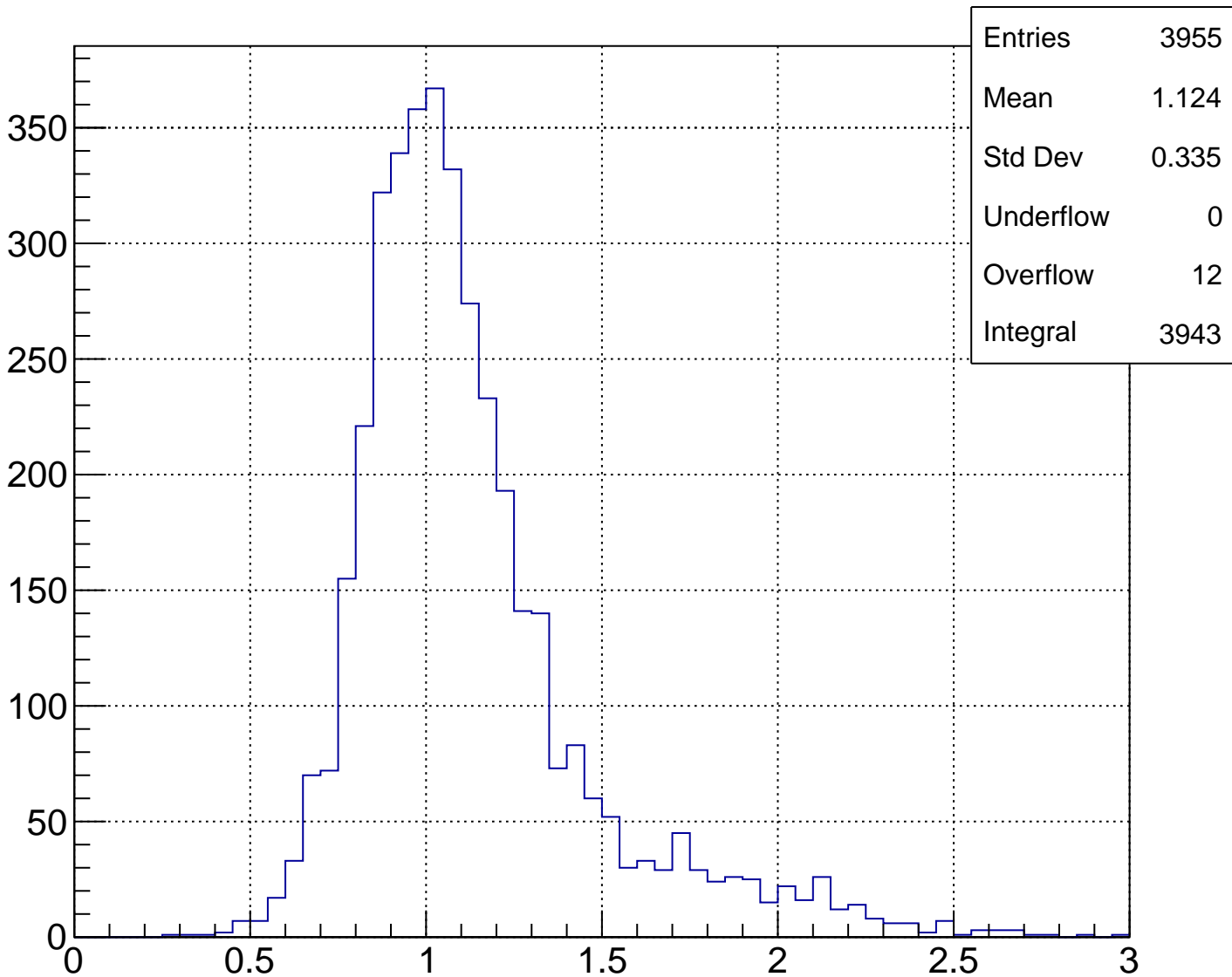
BH1DdE6



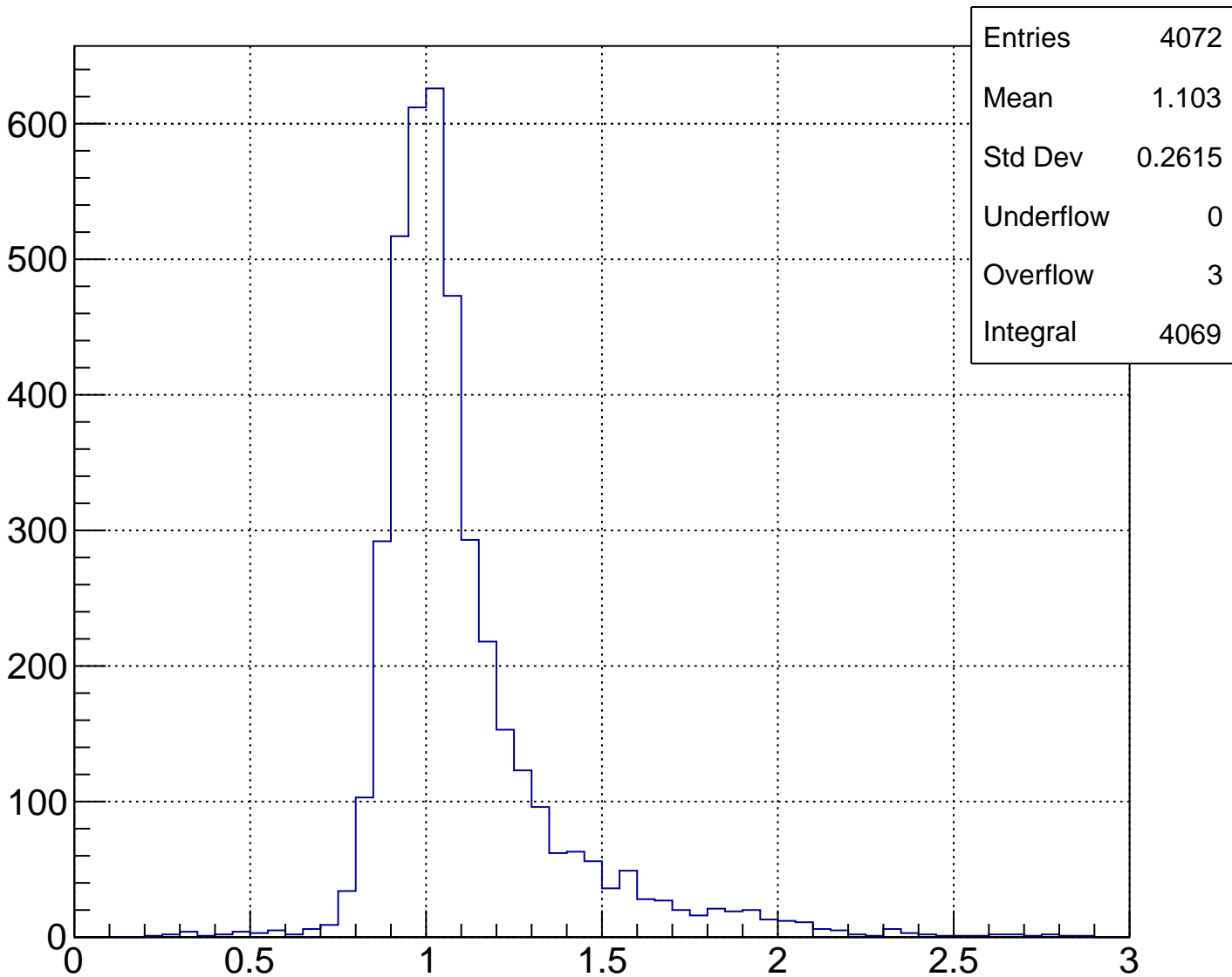
BH1DdE7



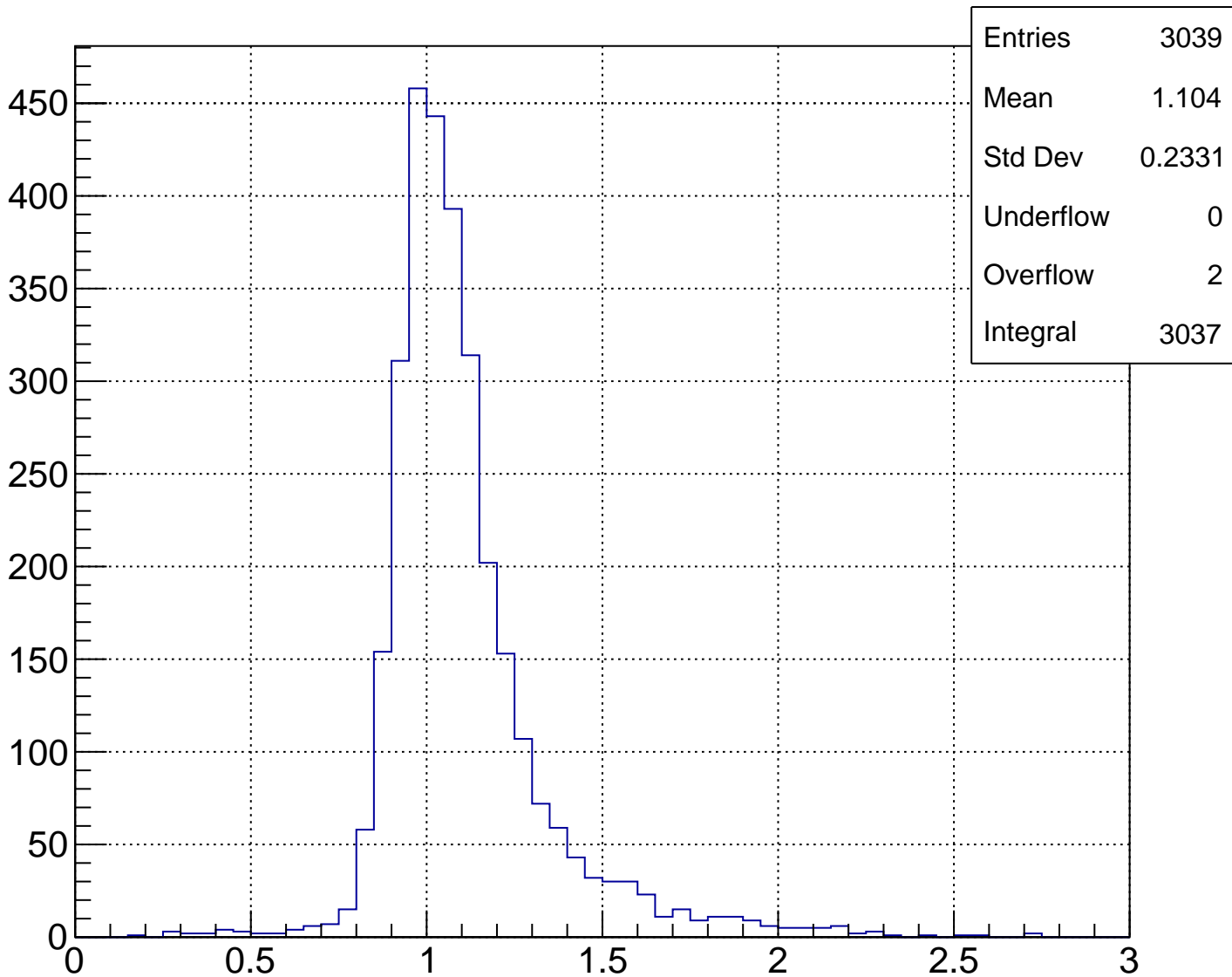
BH1DdE8



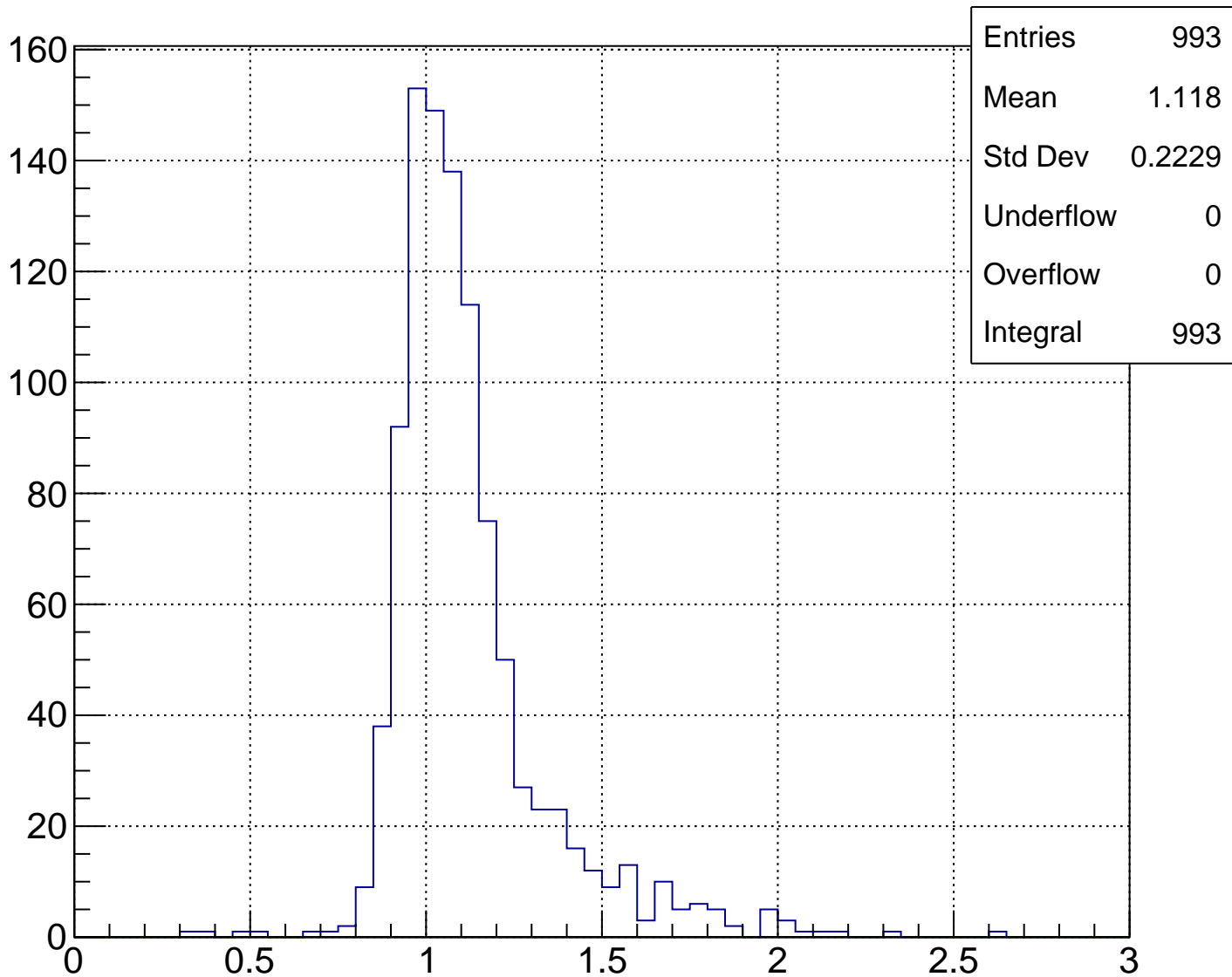
BH1DdE9



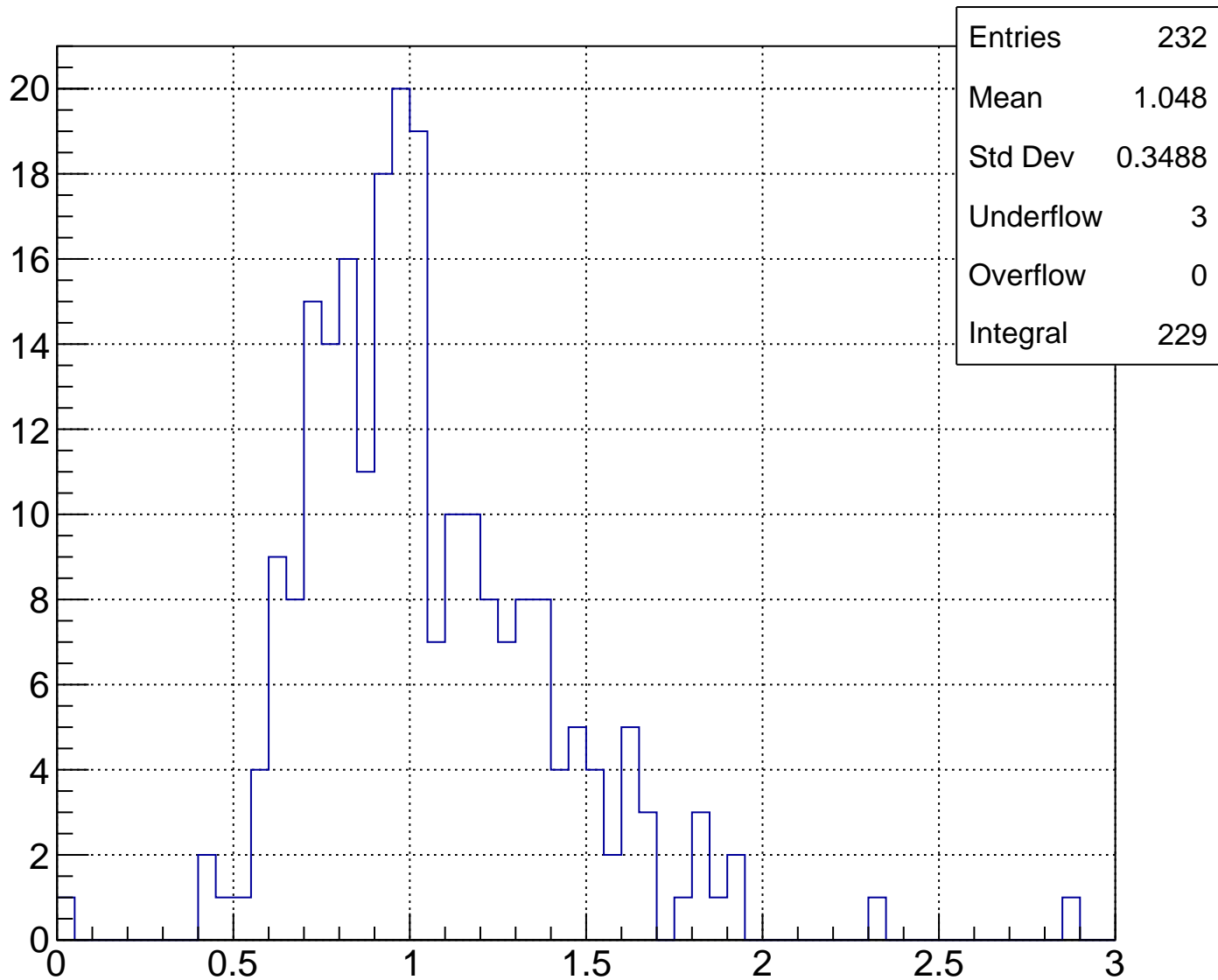
BH1DdE10



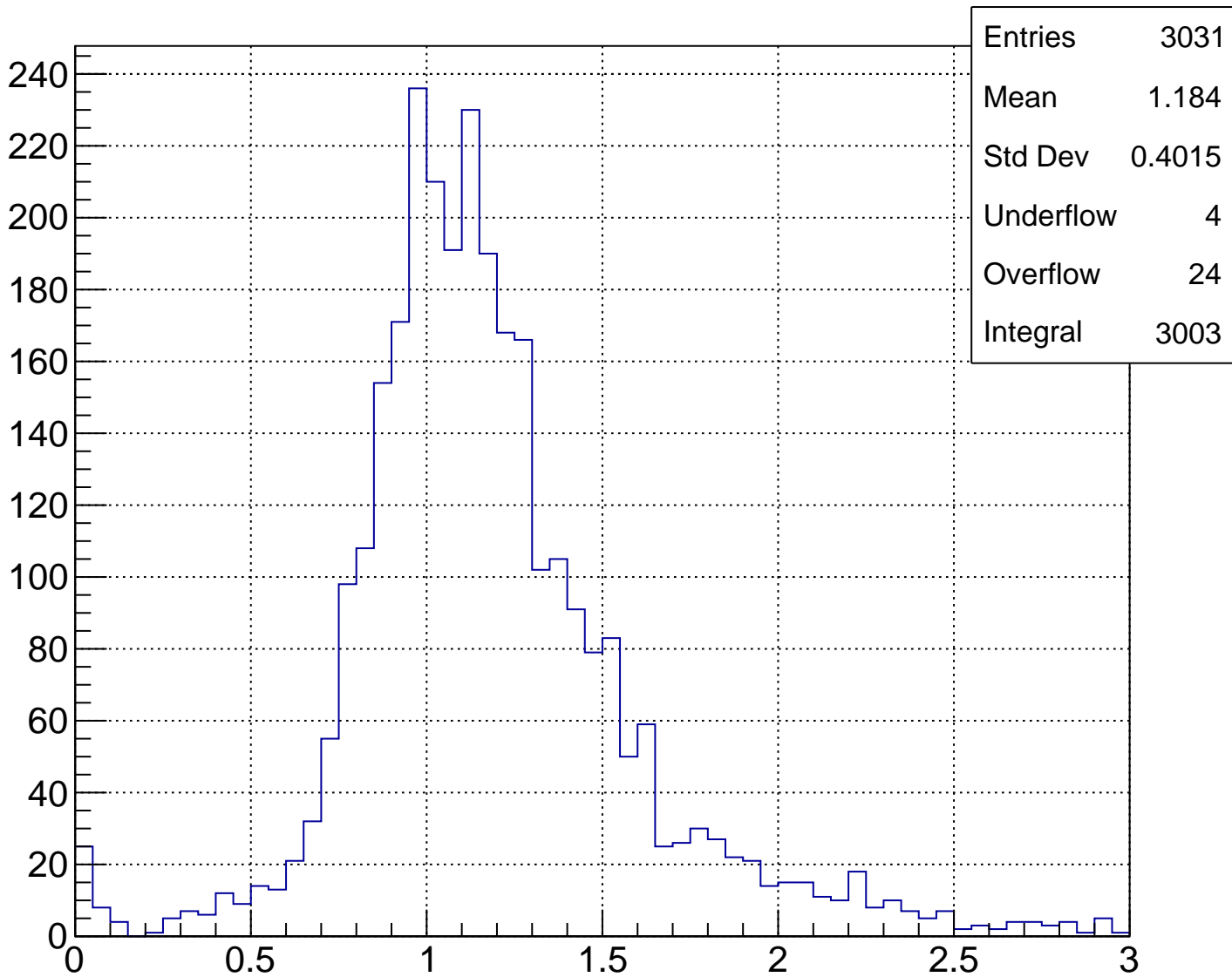
BH1DdE11



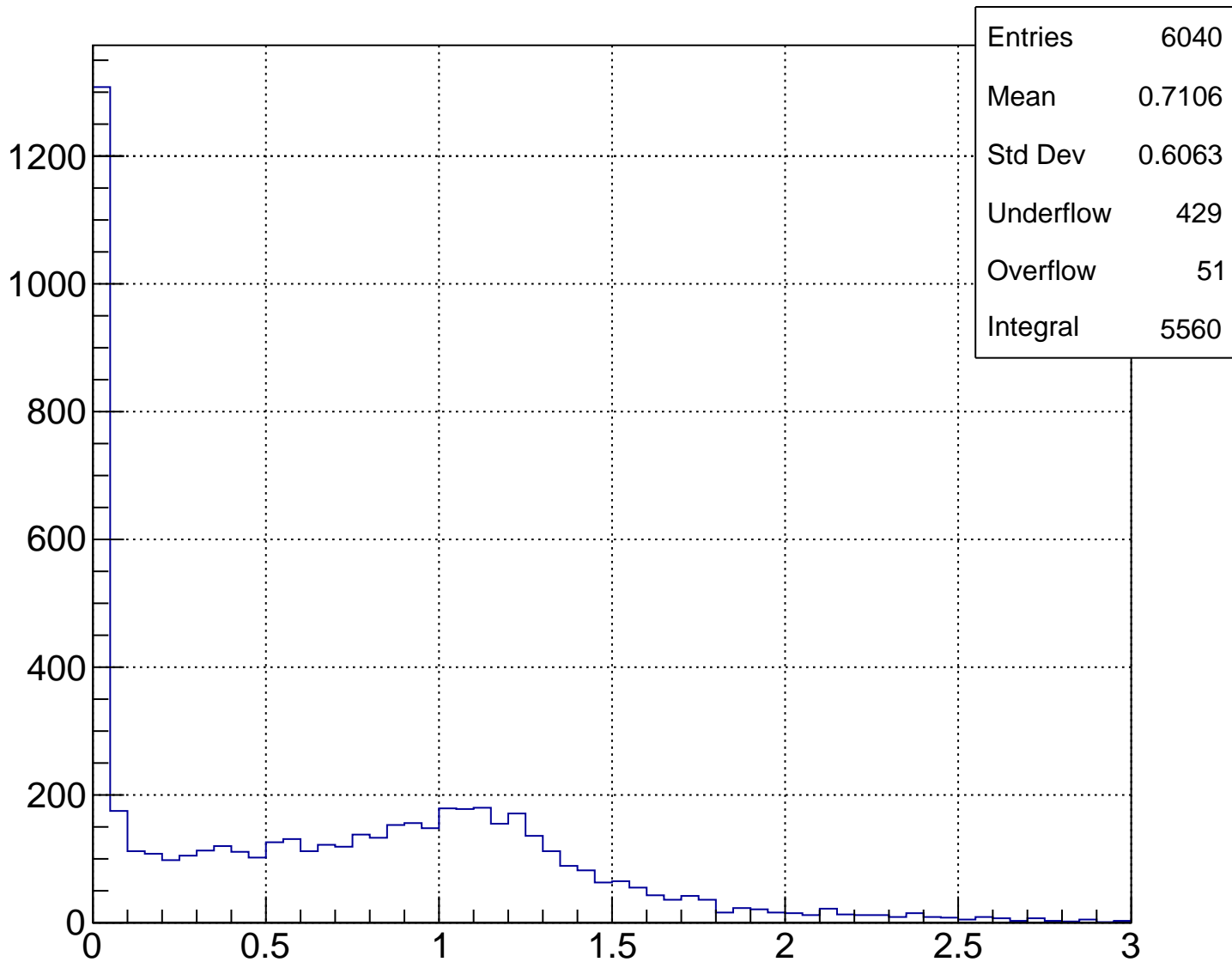
BH2UdE1



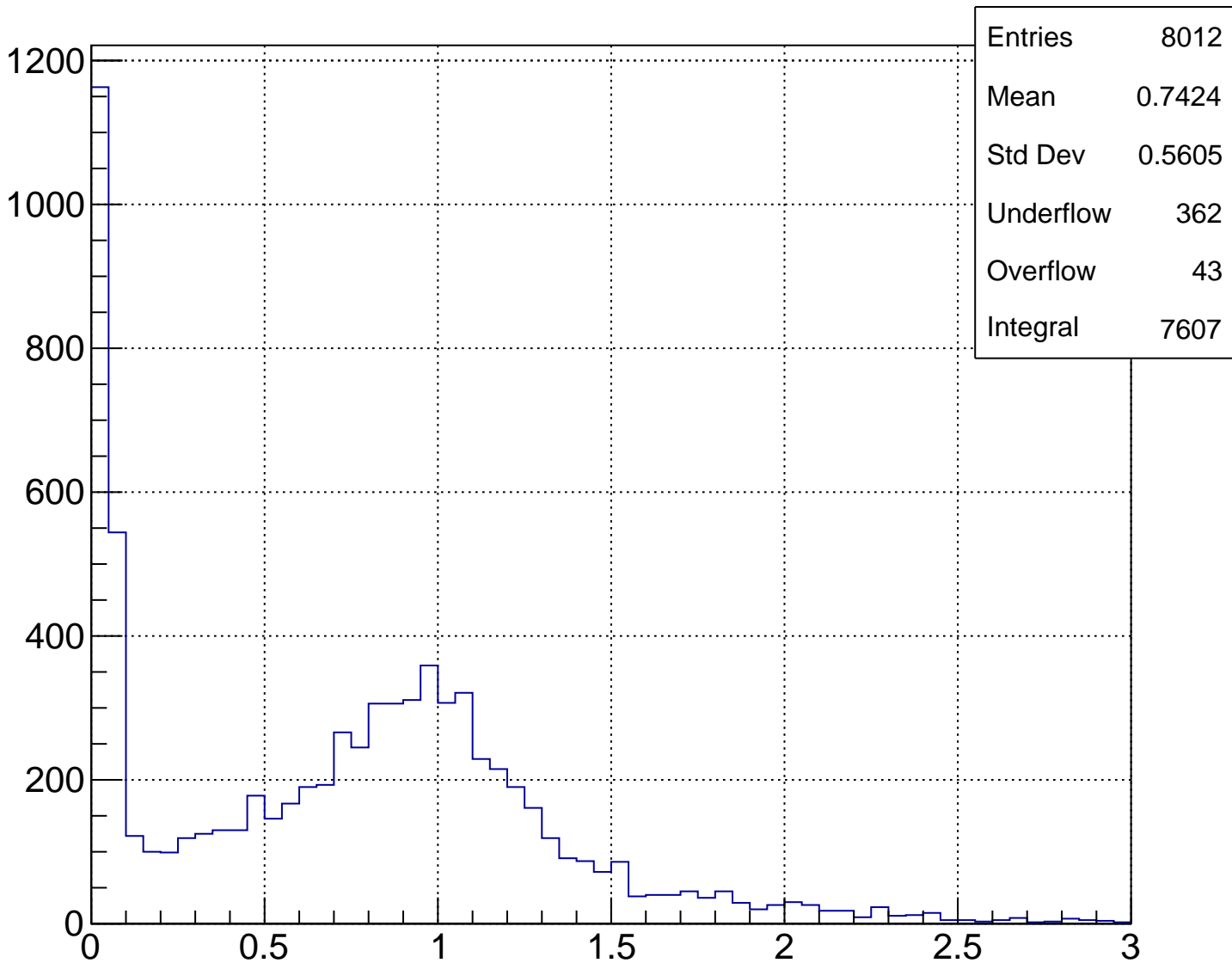
BH2UdE2



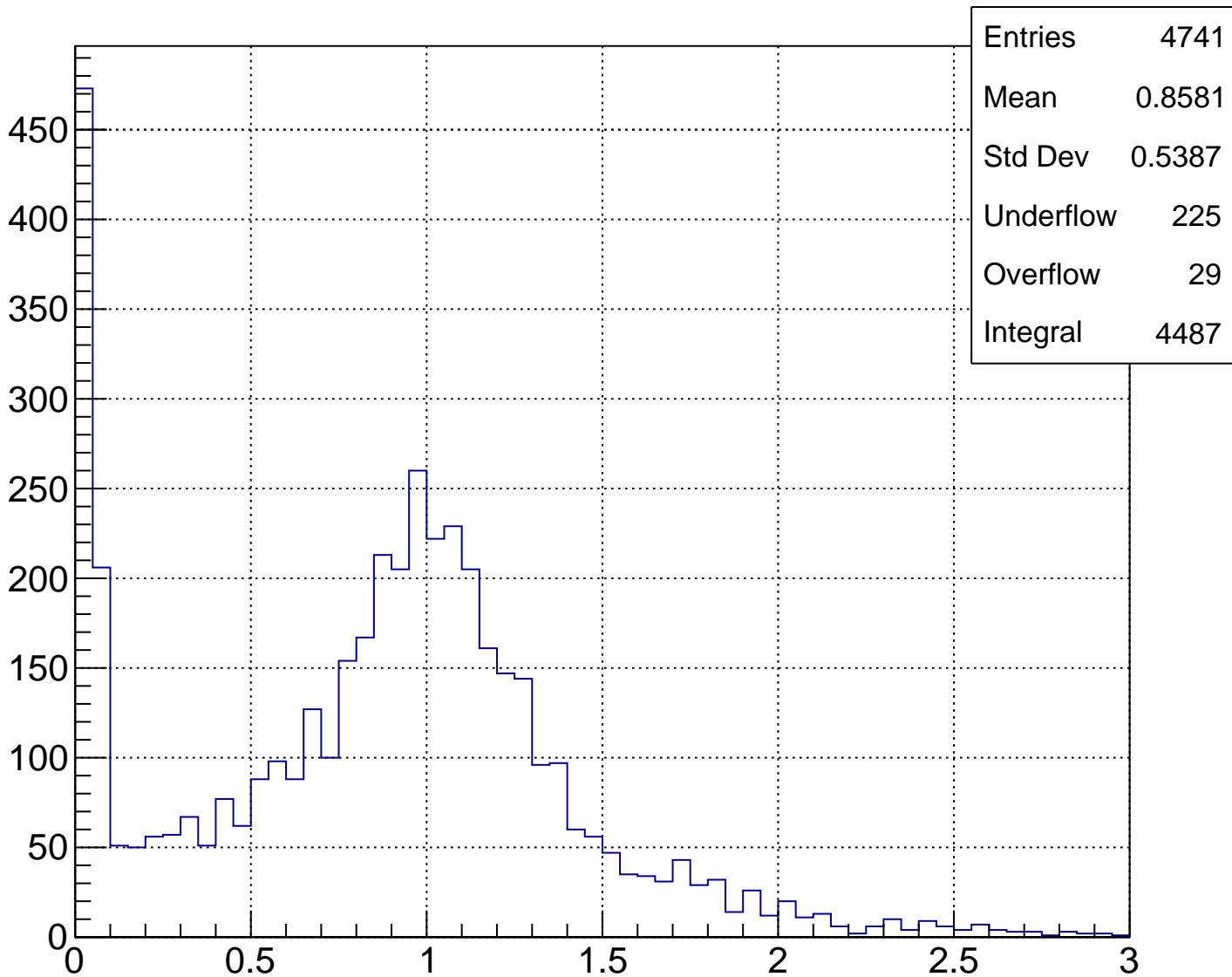
BH2UdE3



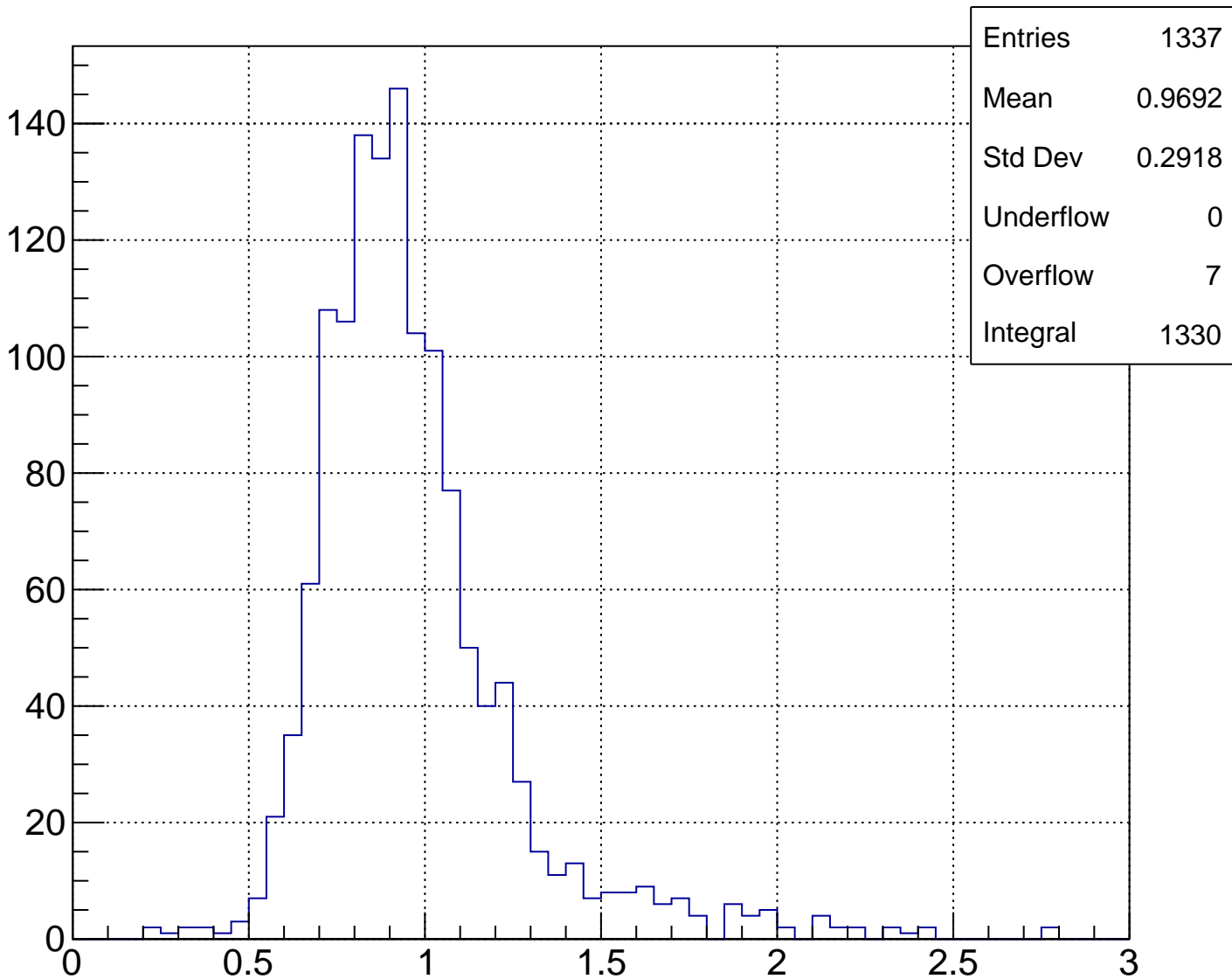
BH2UdE4



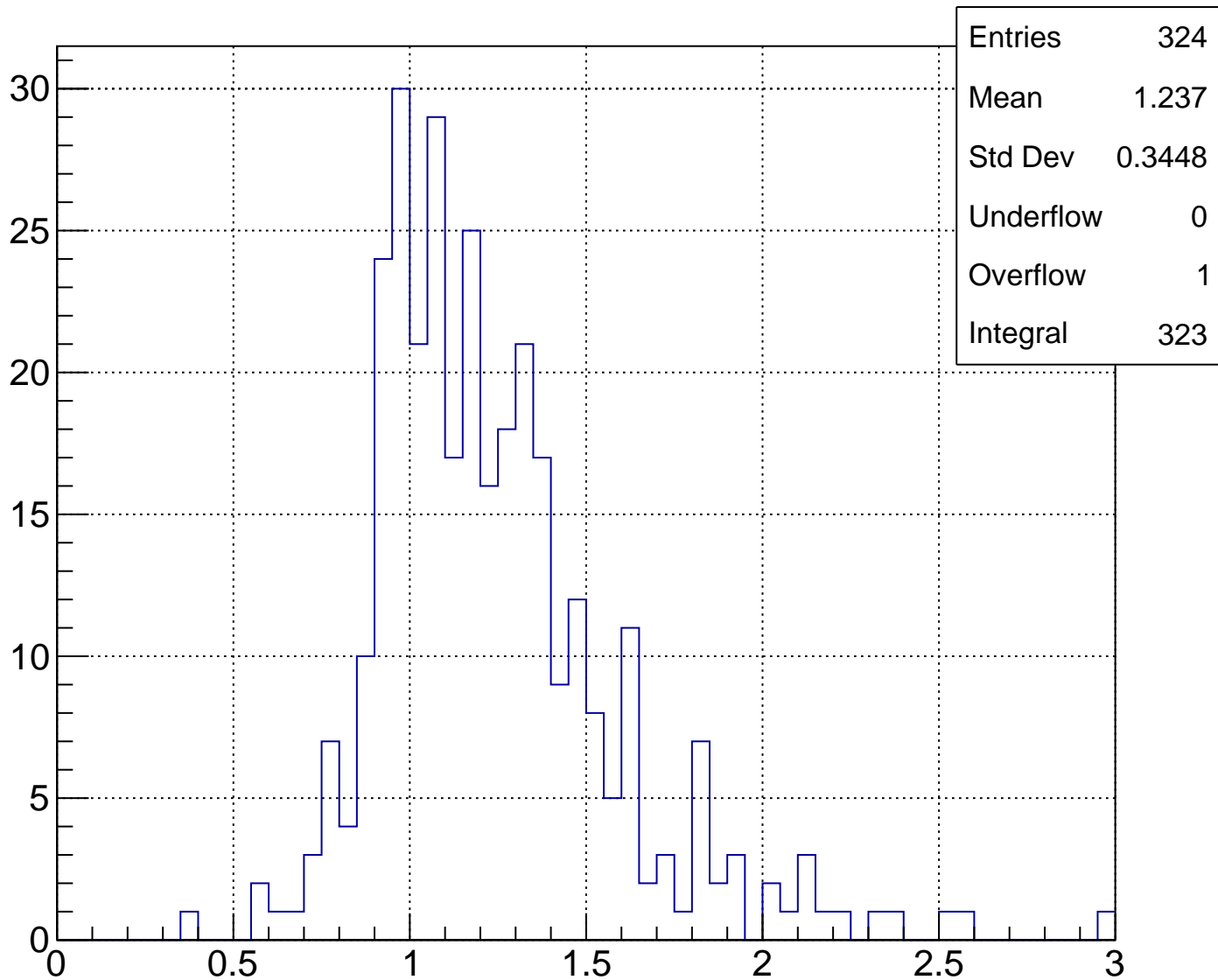
BH2UdE5



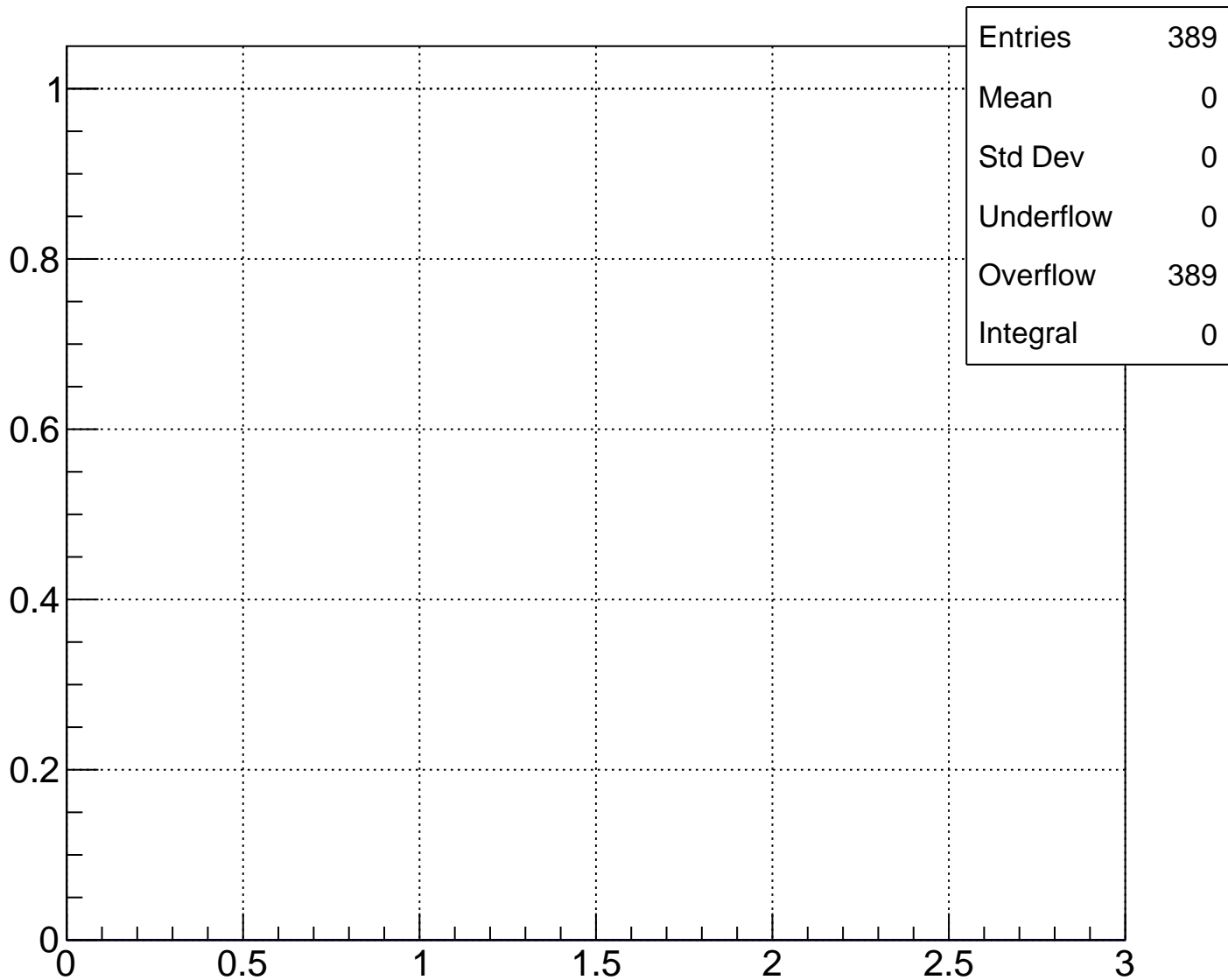
BH2UdE6



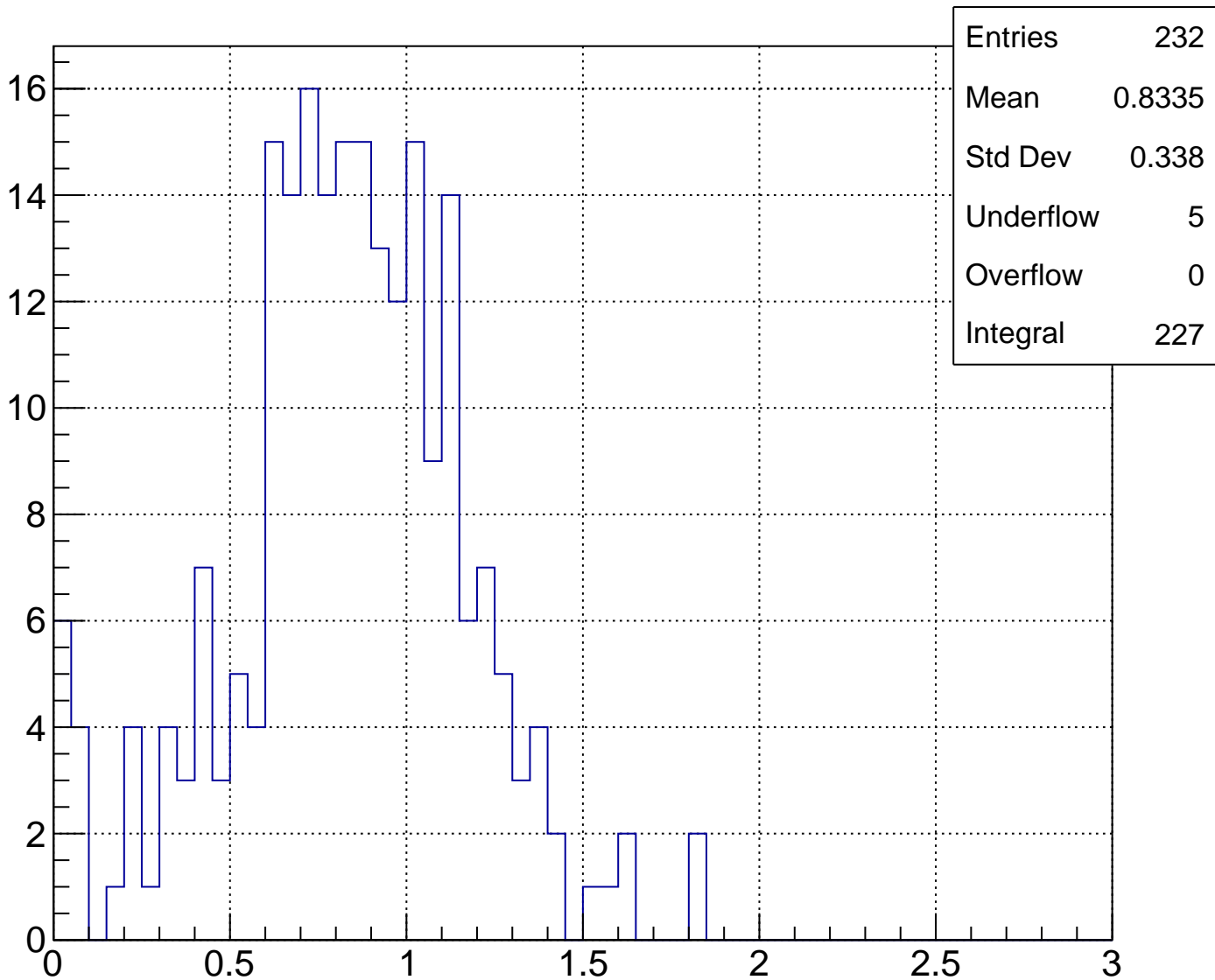
BH2UdE7



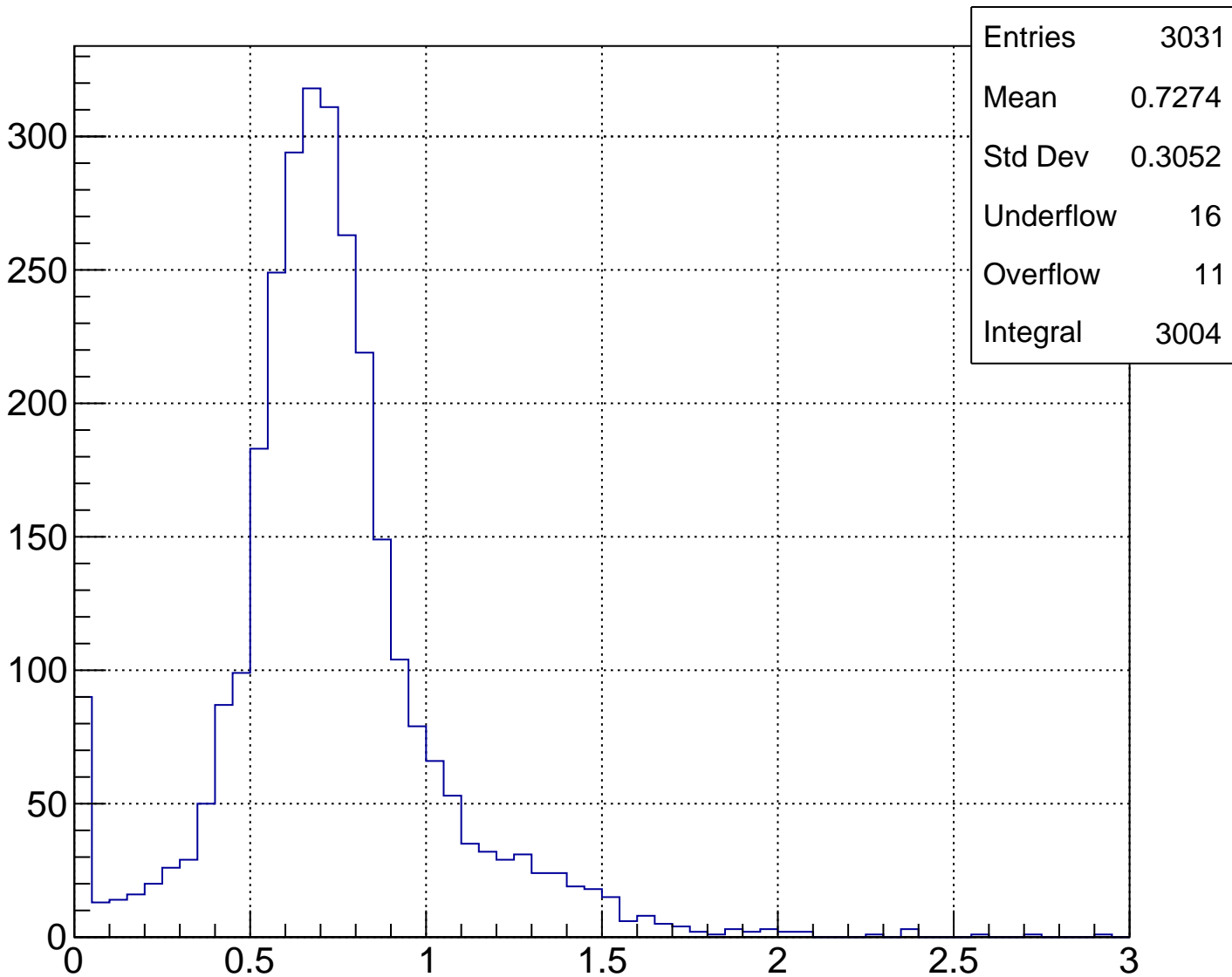
BH2UdE8



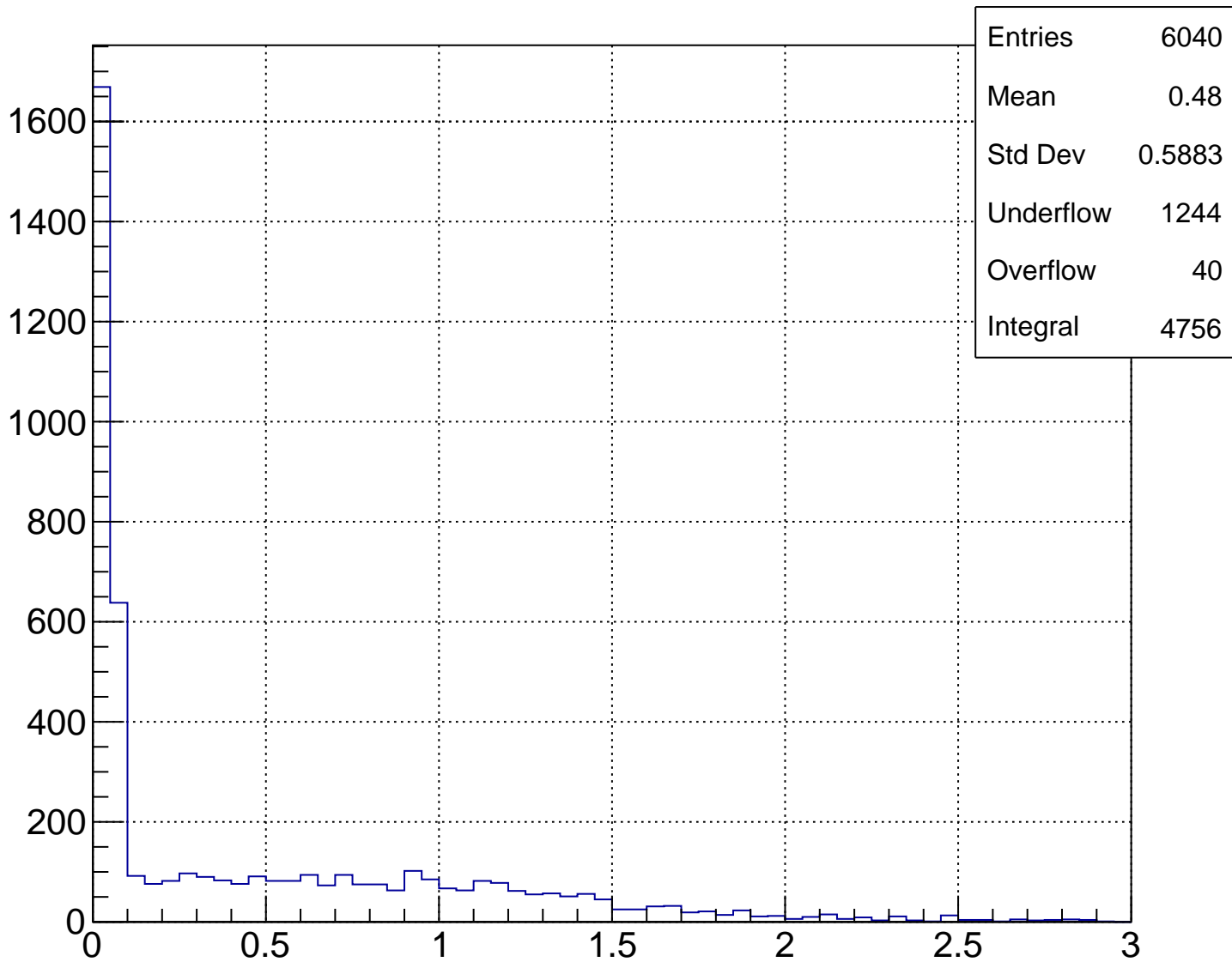
BH2DdE1



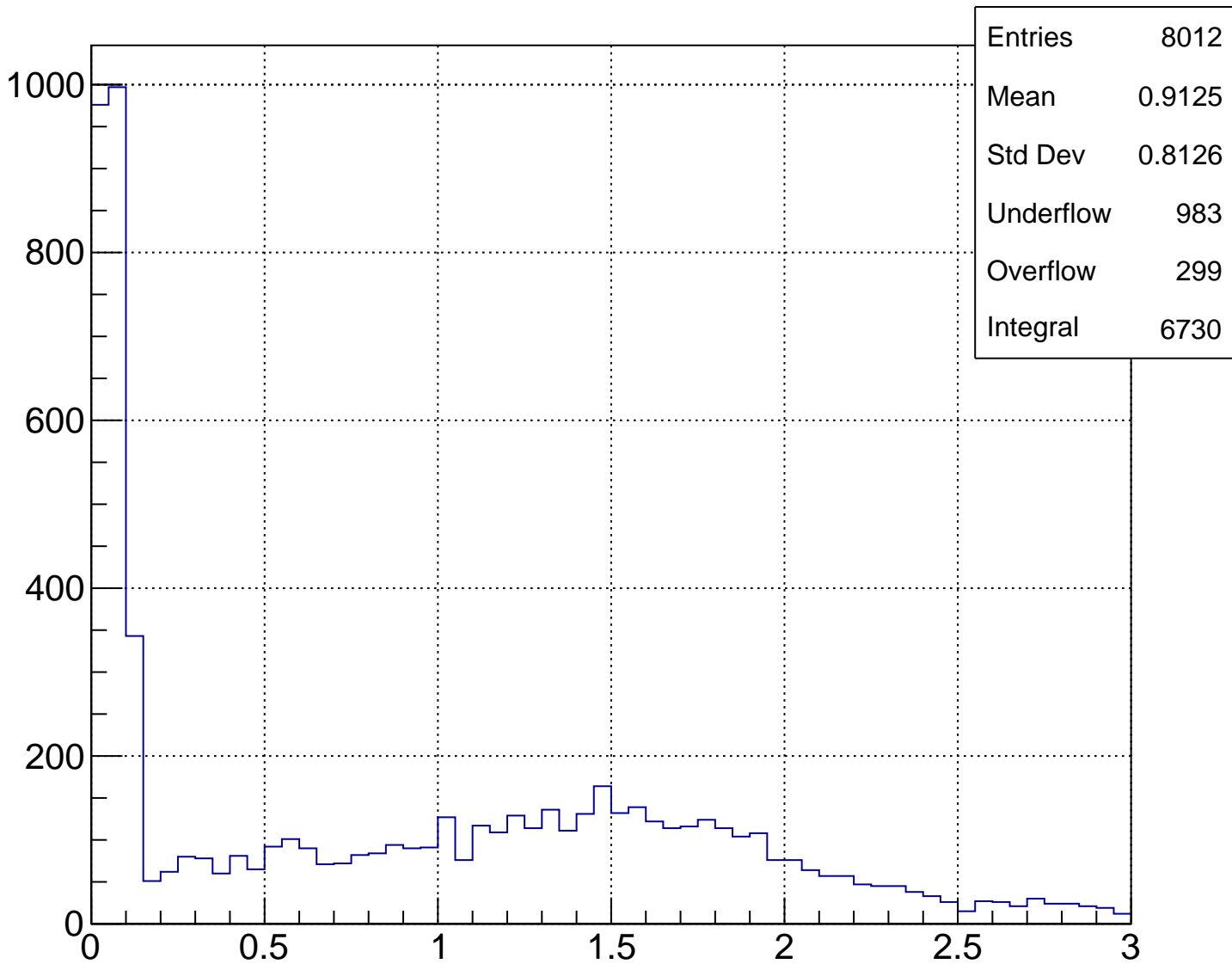
BH2DdE2



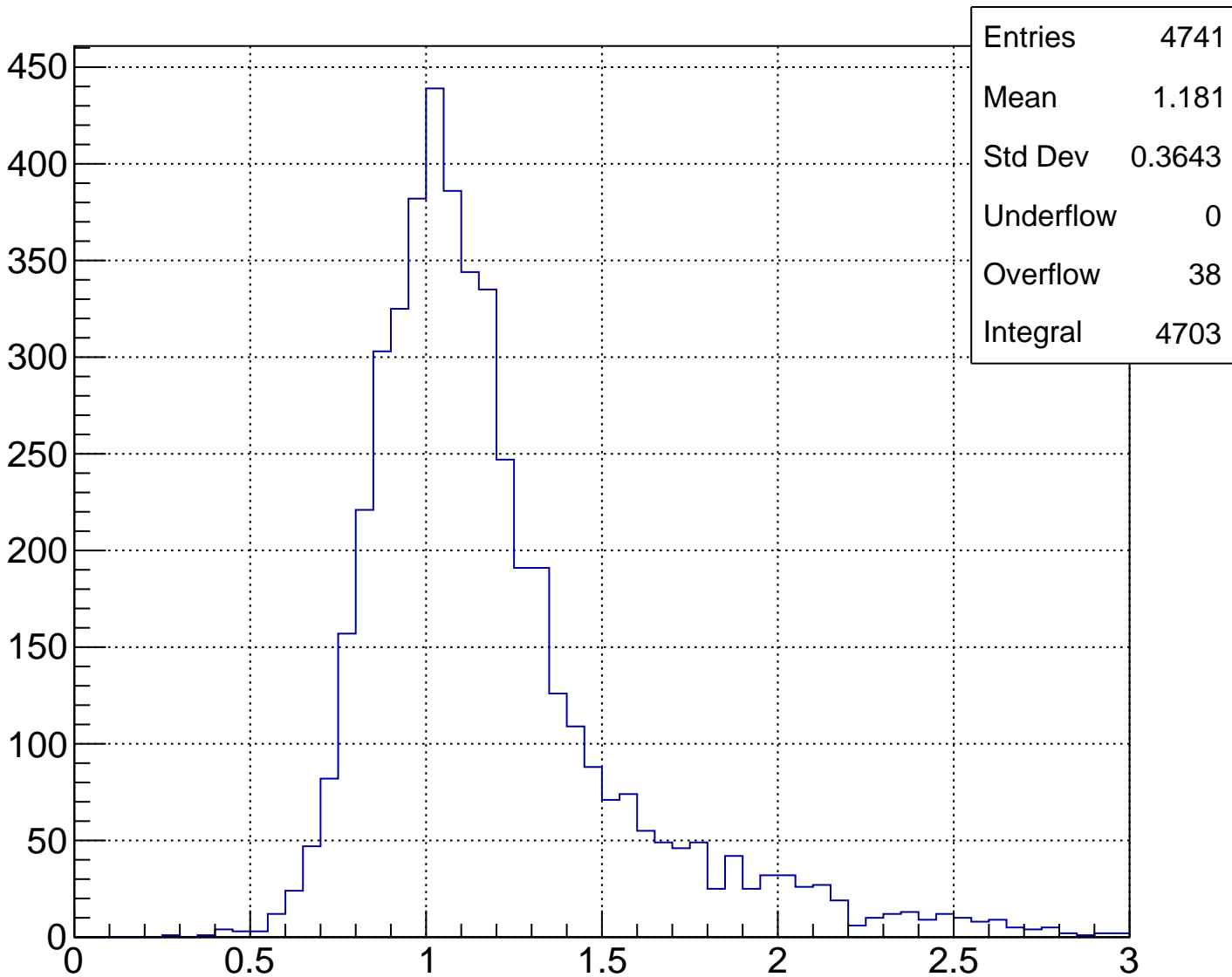
BH2DdE3



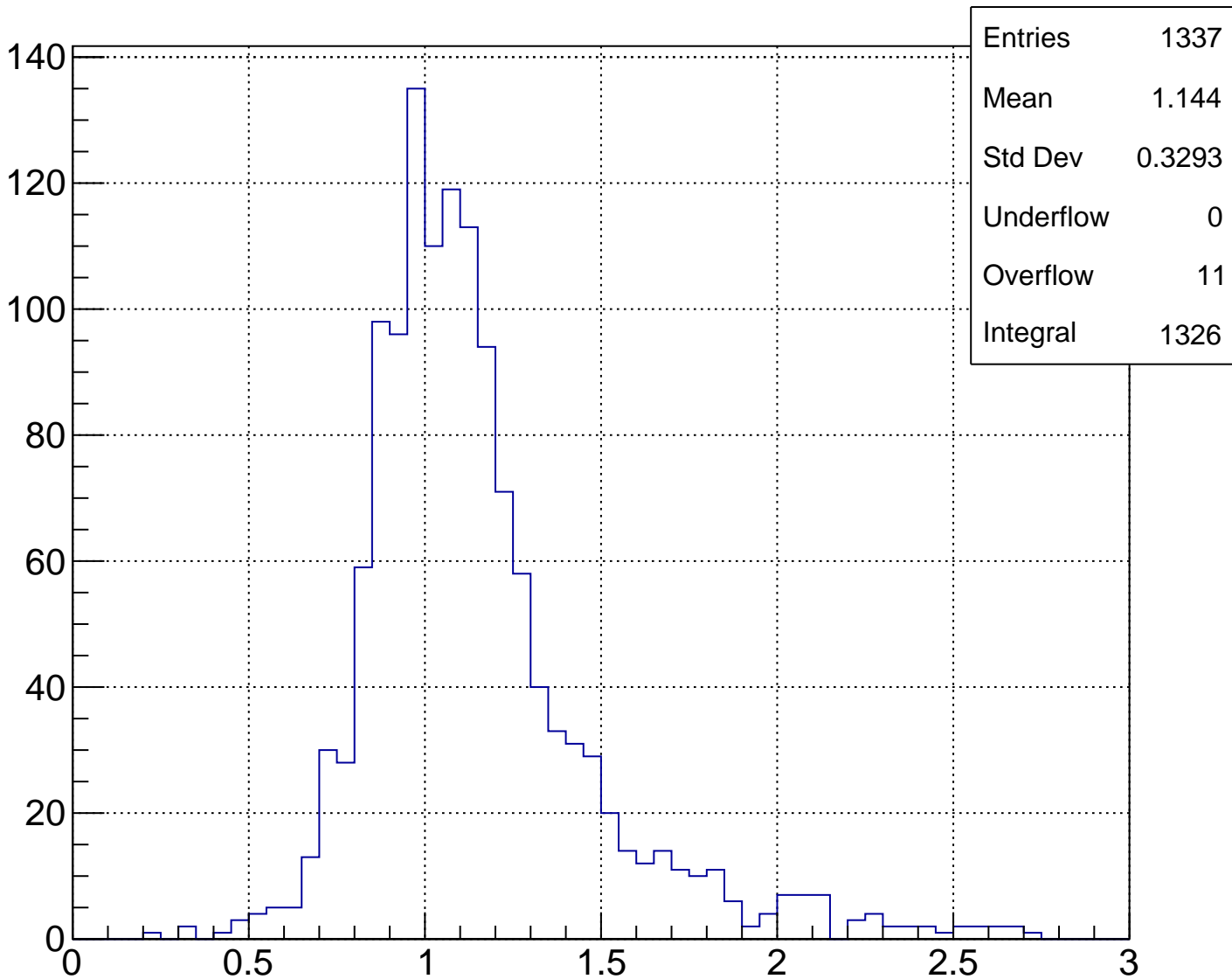
BH2DdE4



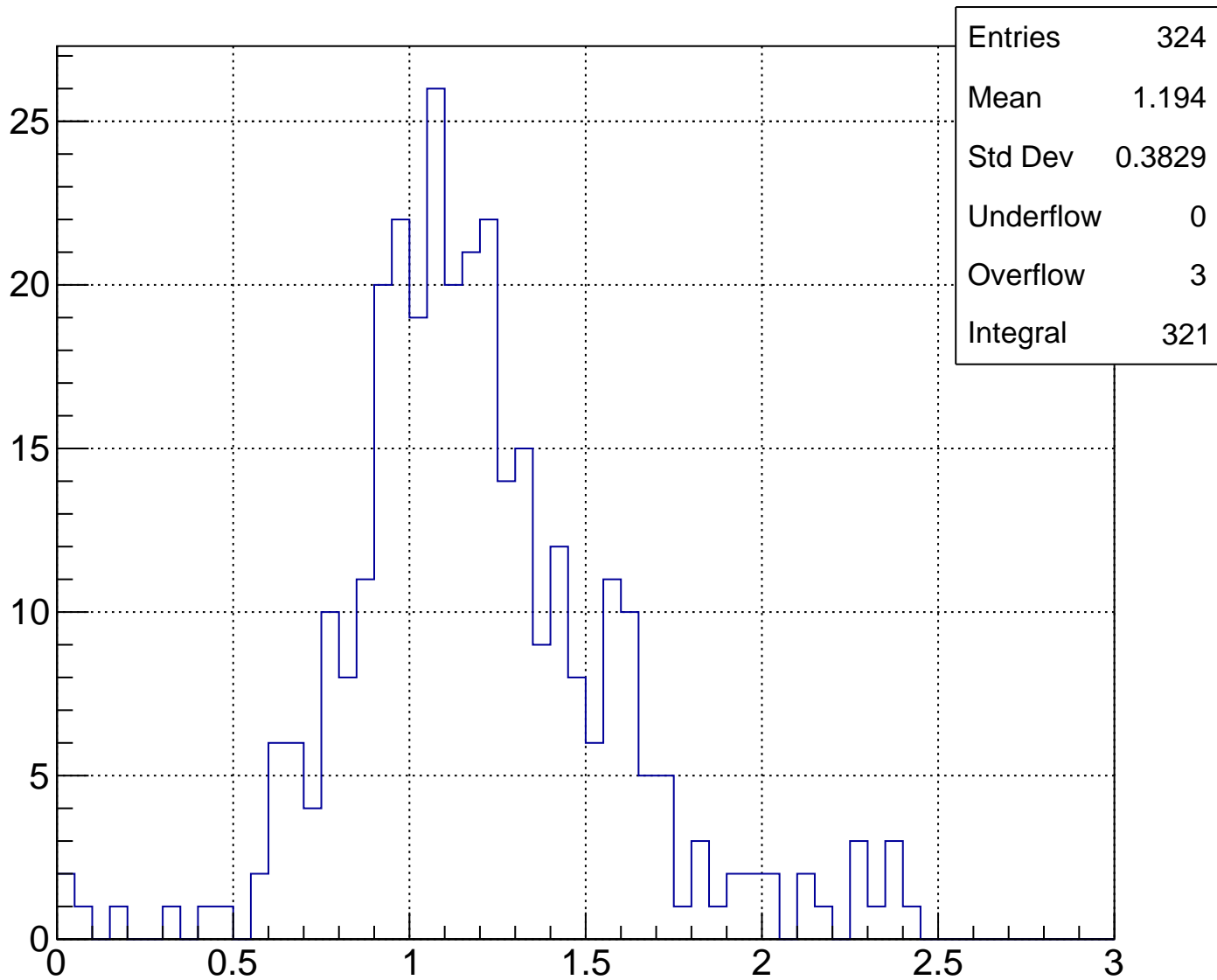
BH2DdE5



BH2DdE6



BH2DdE7



BH2DdE8

