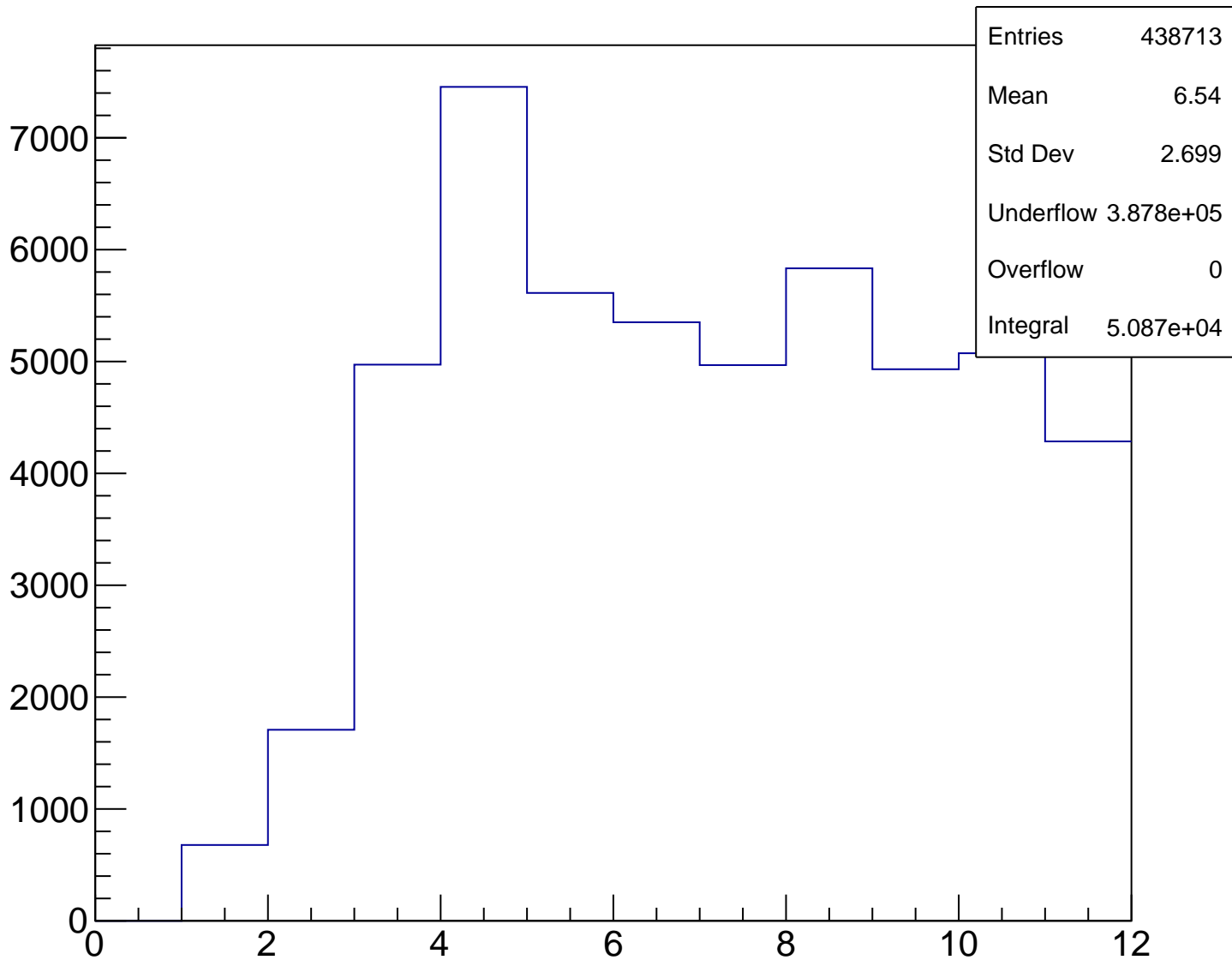
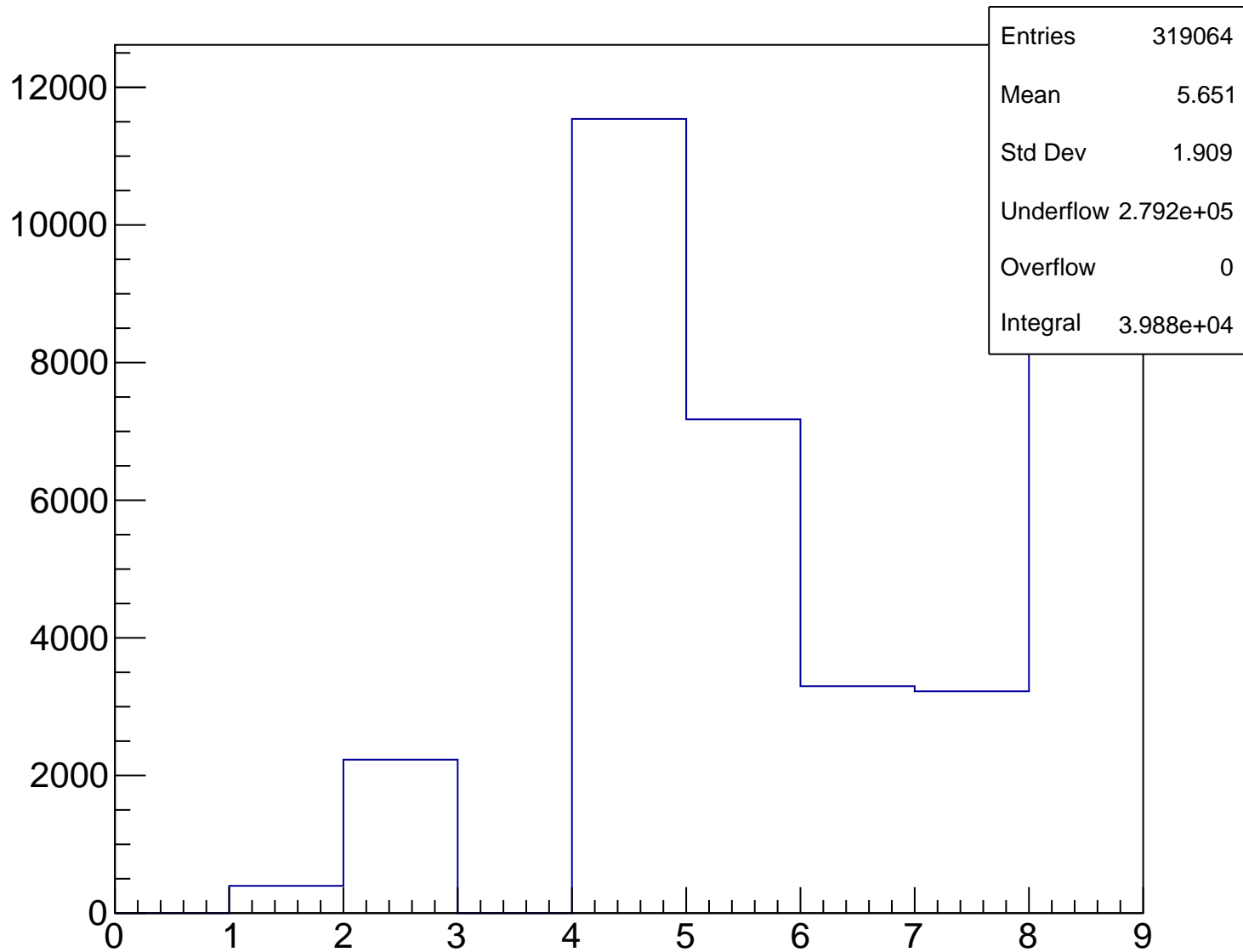


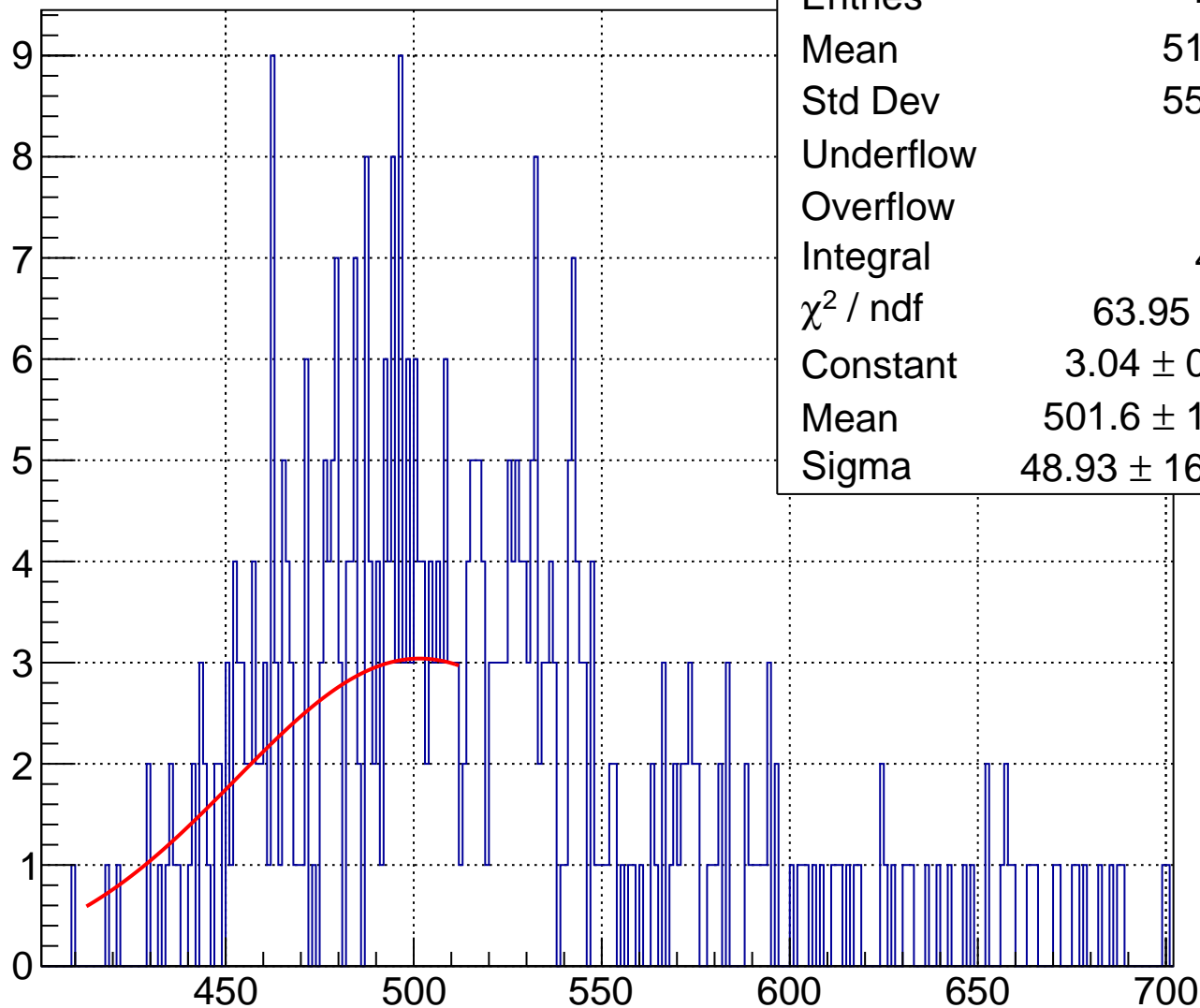
BH1HitPat



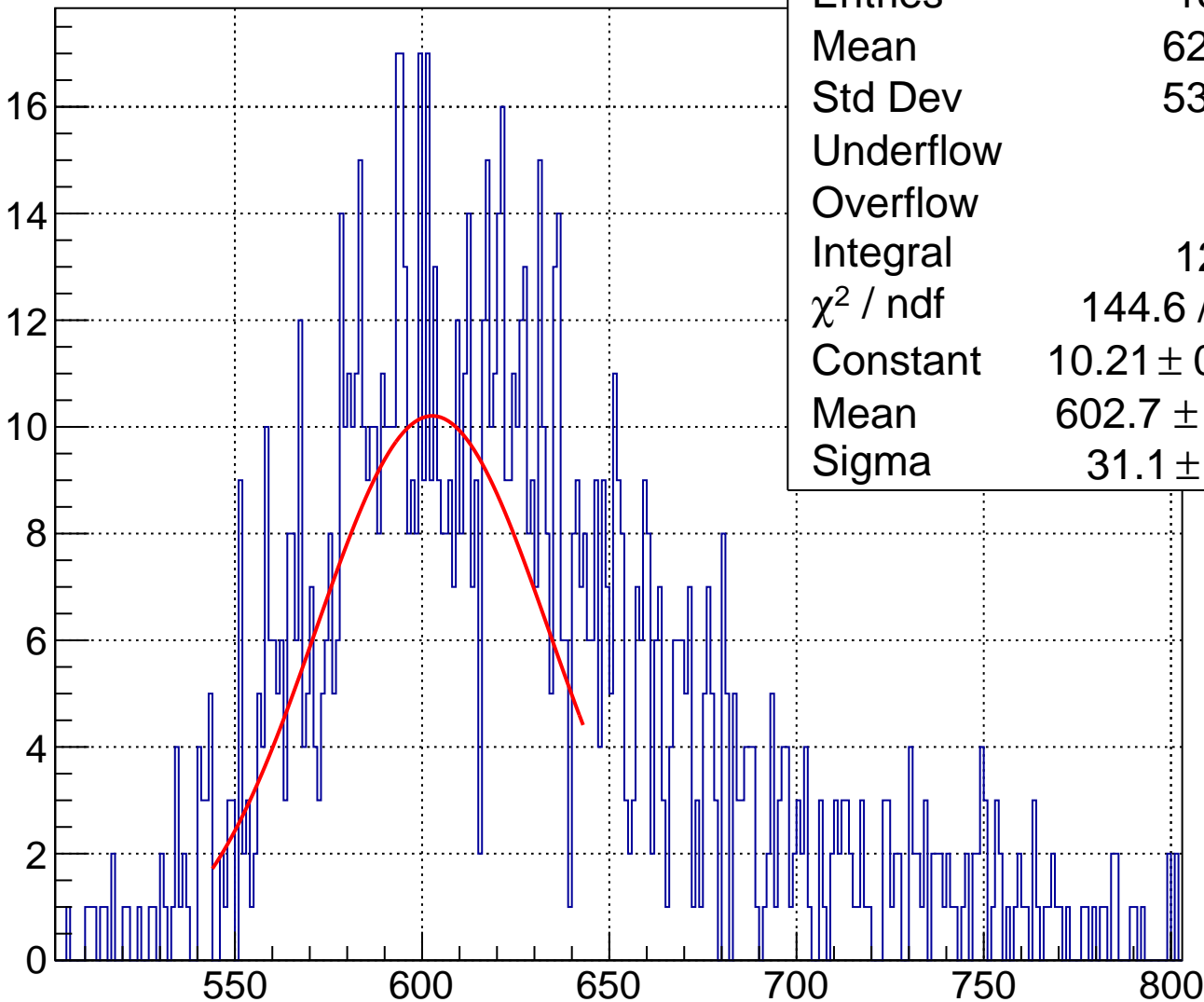
BH2HitPat



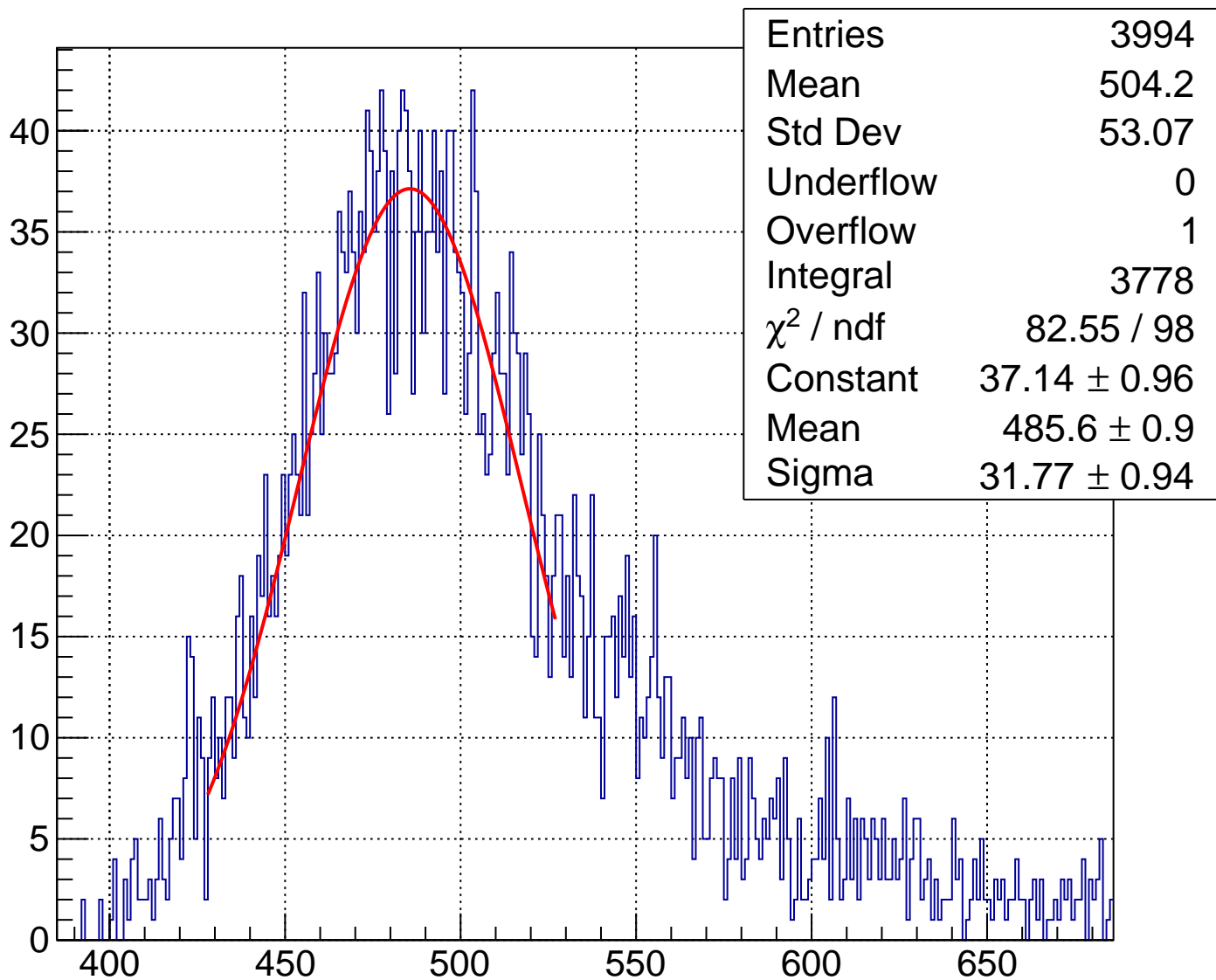
BH1UMIP1



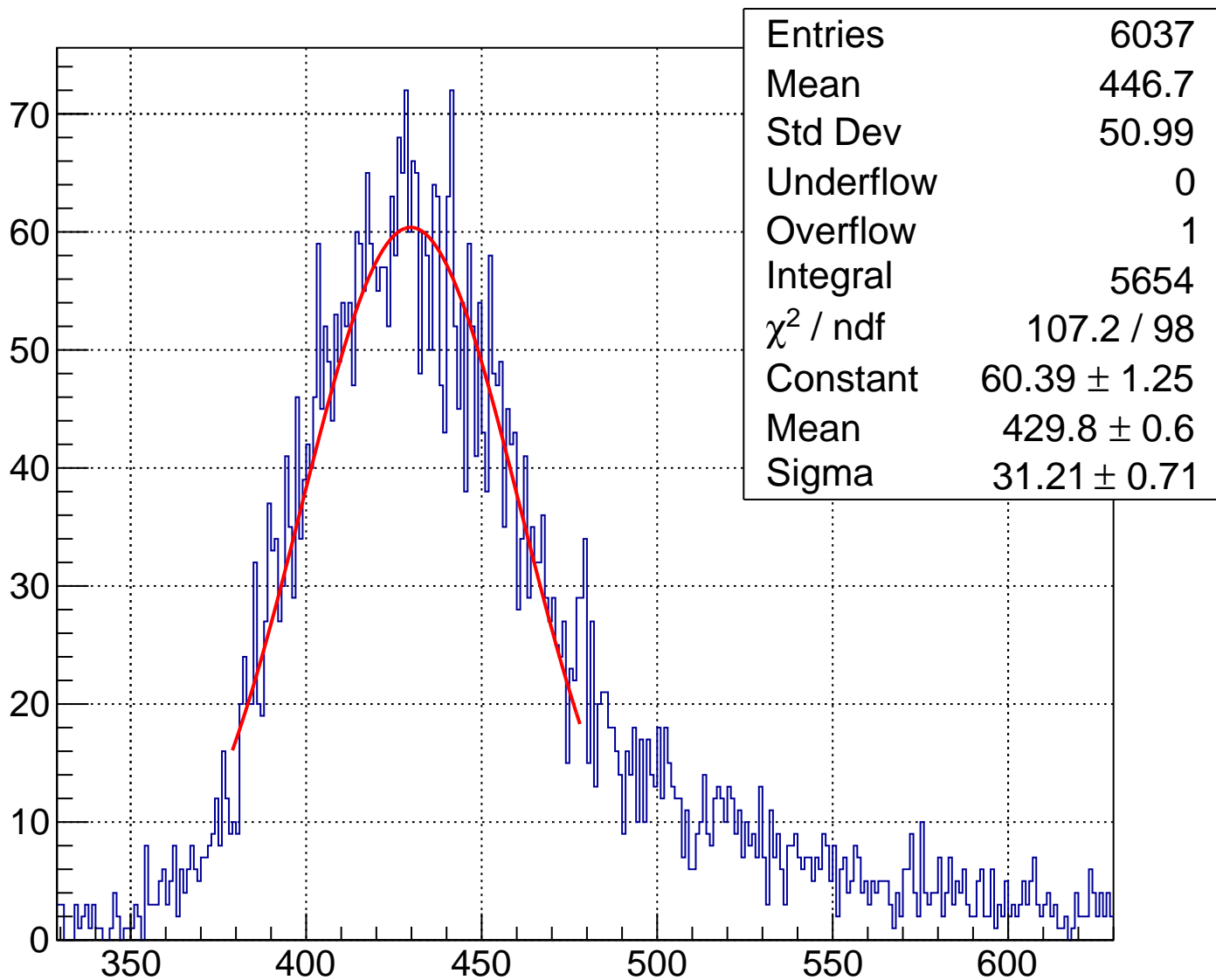
BH1UMIP2



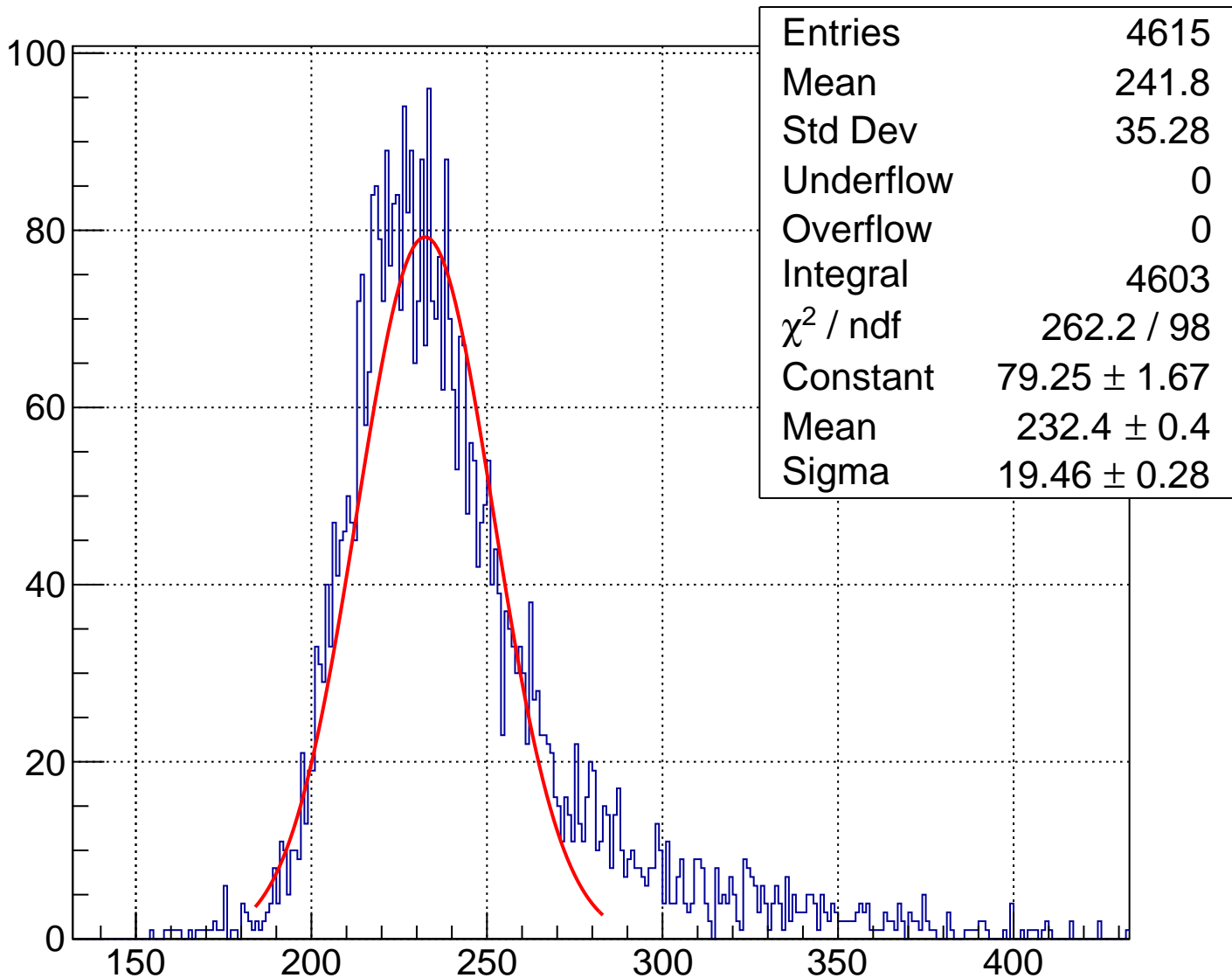
BH1UMIP3



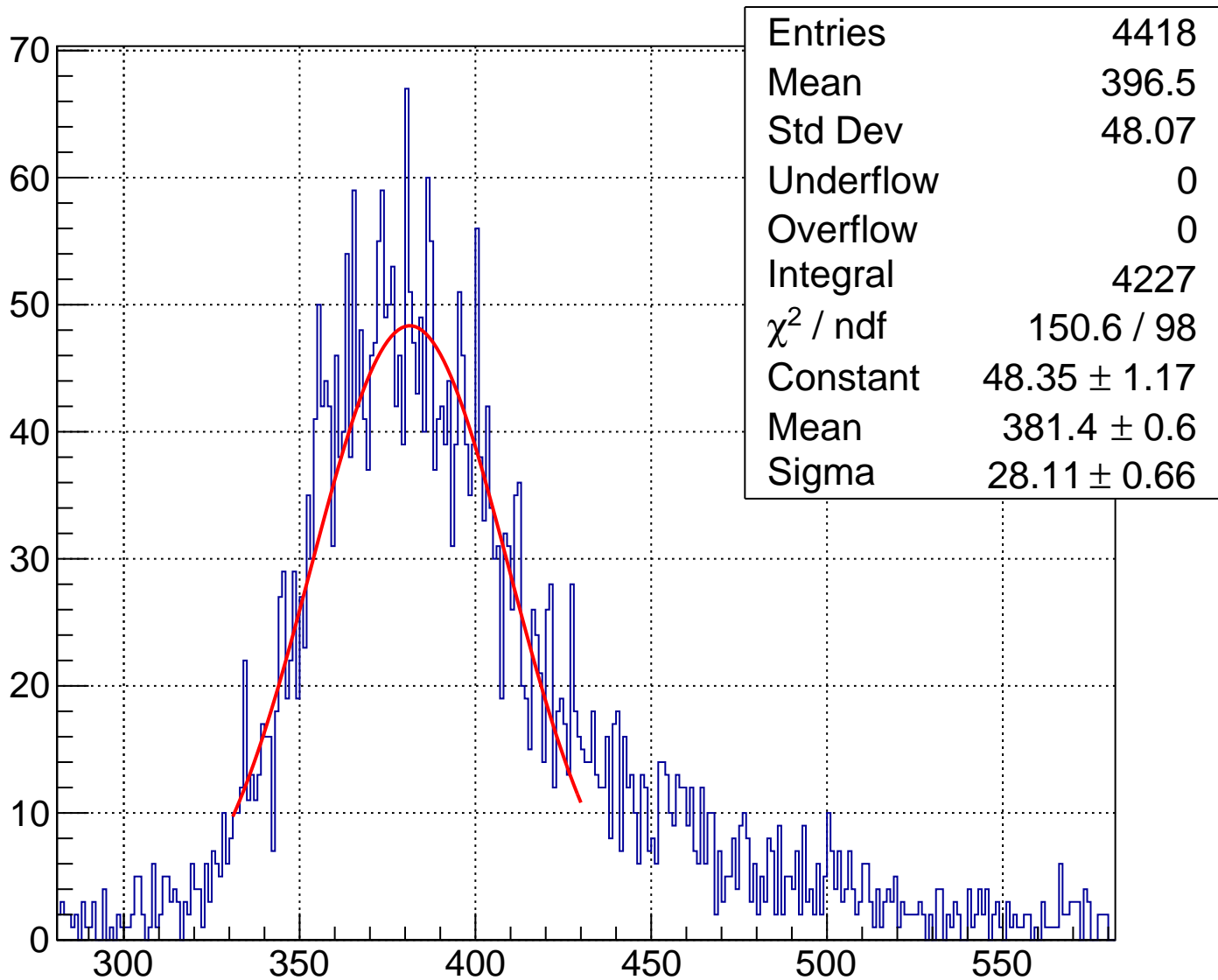
BH1UMIP4



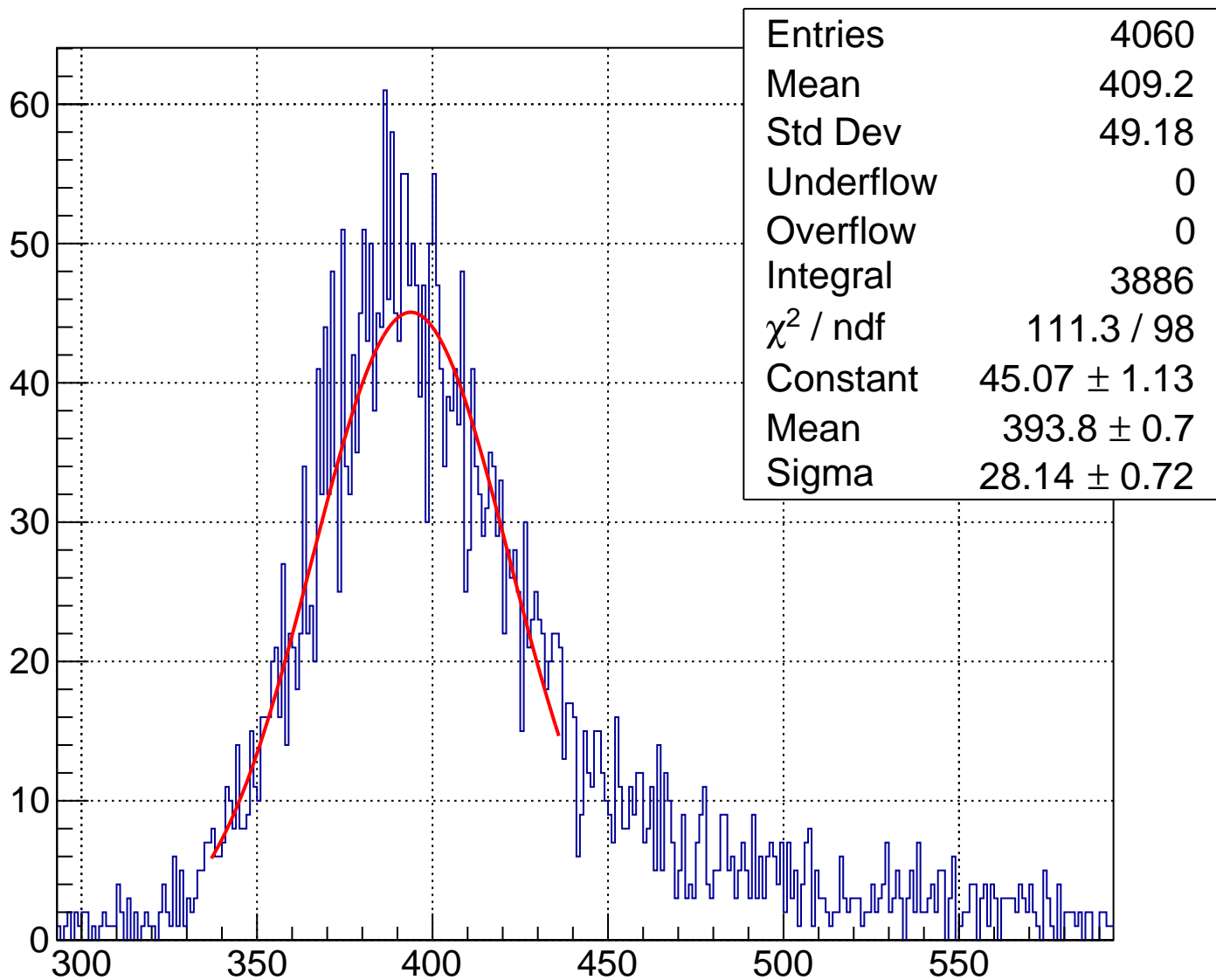
BH1UMIP5



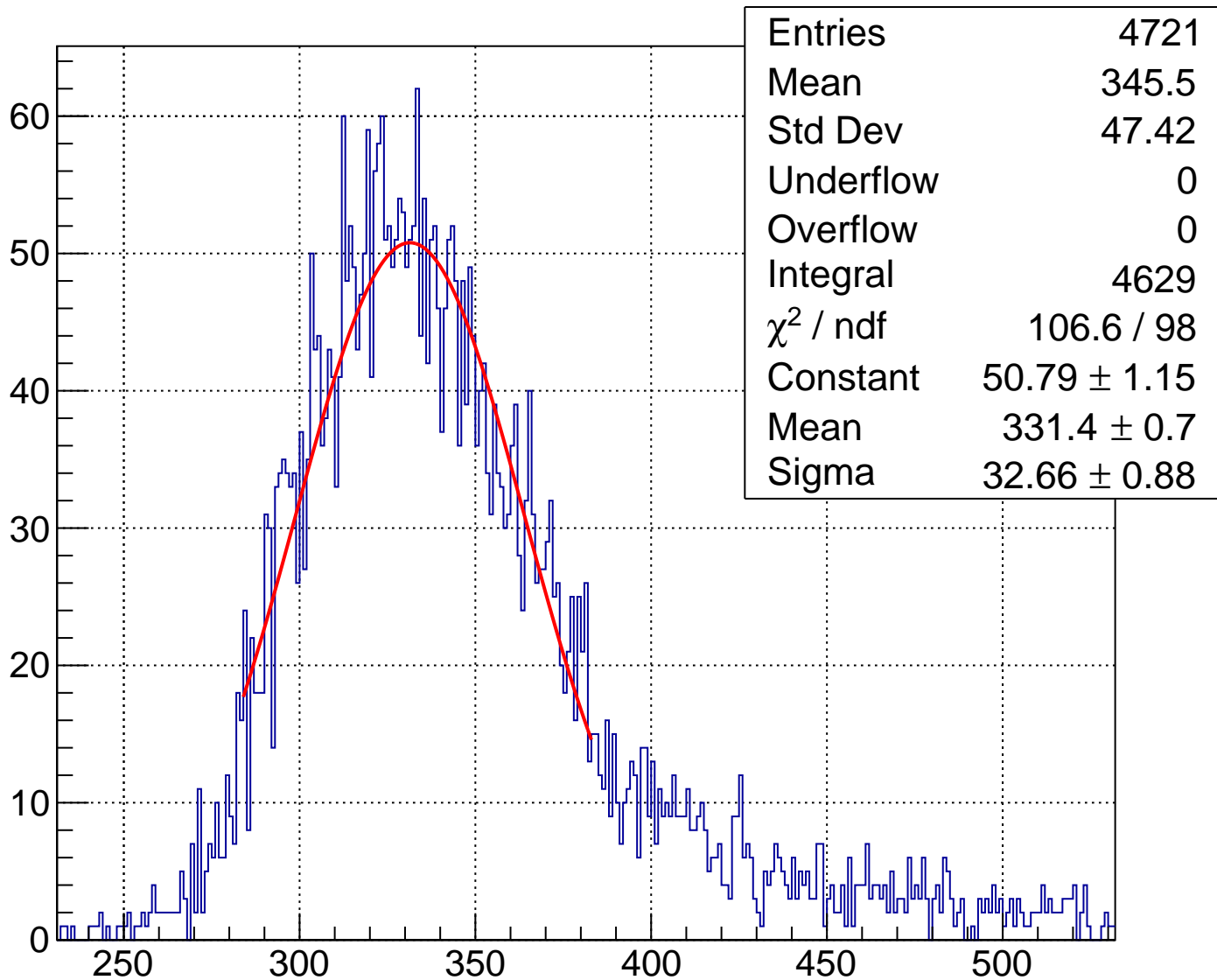
BH1UMIP6



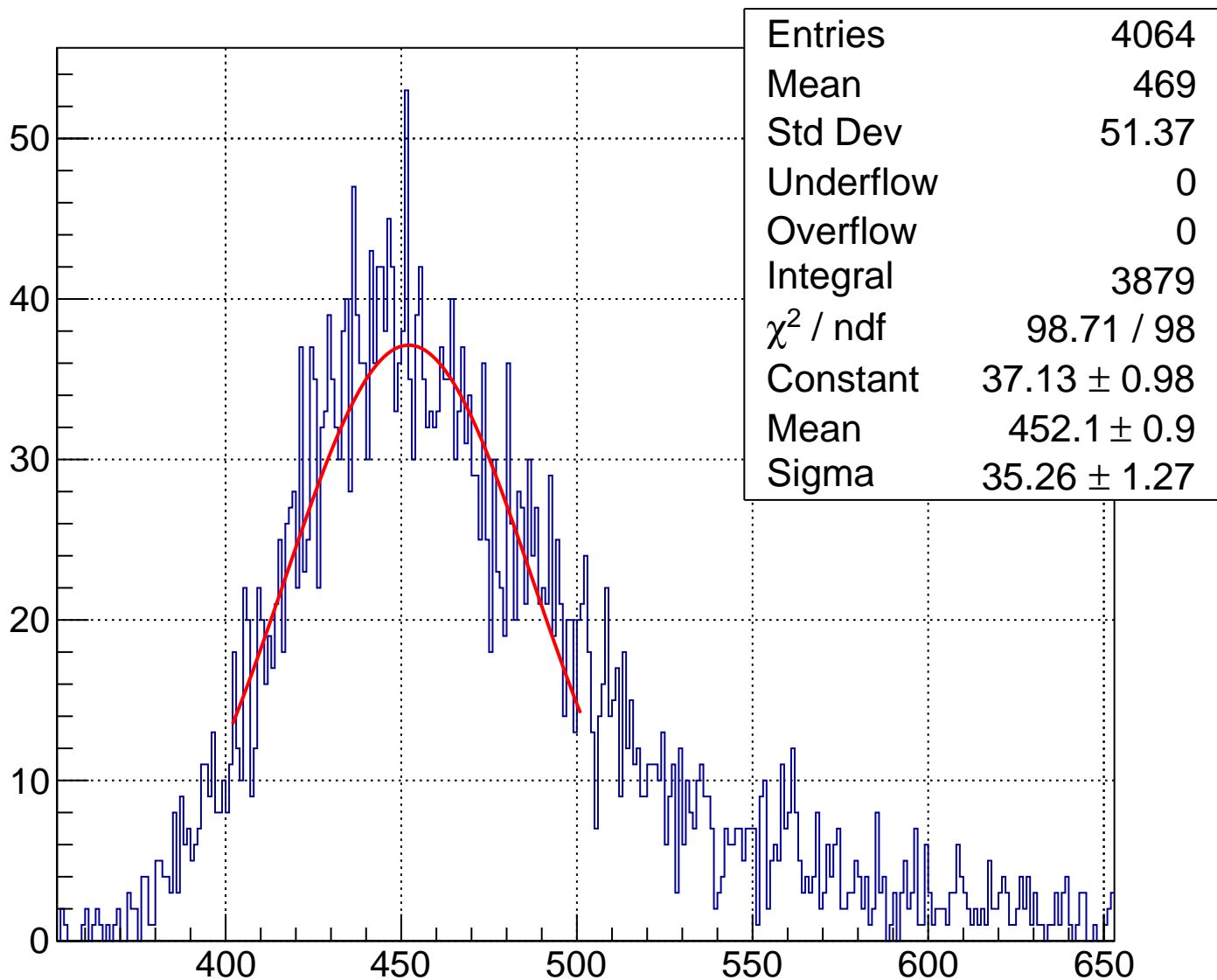
BH1UMIP7



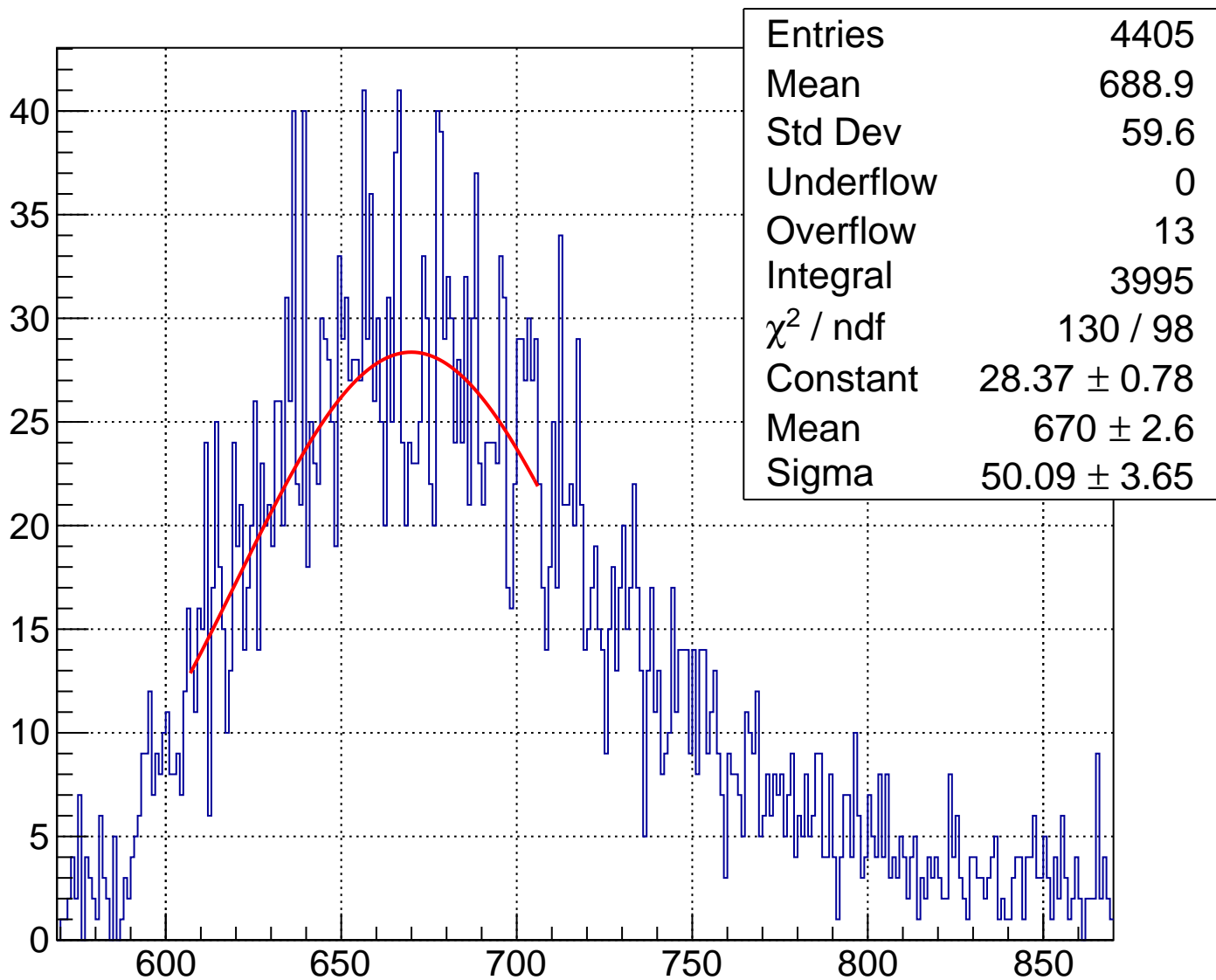
BH1UMIP8



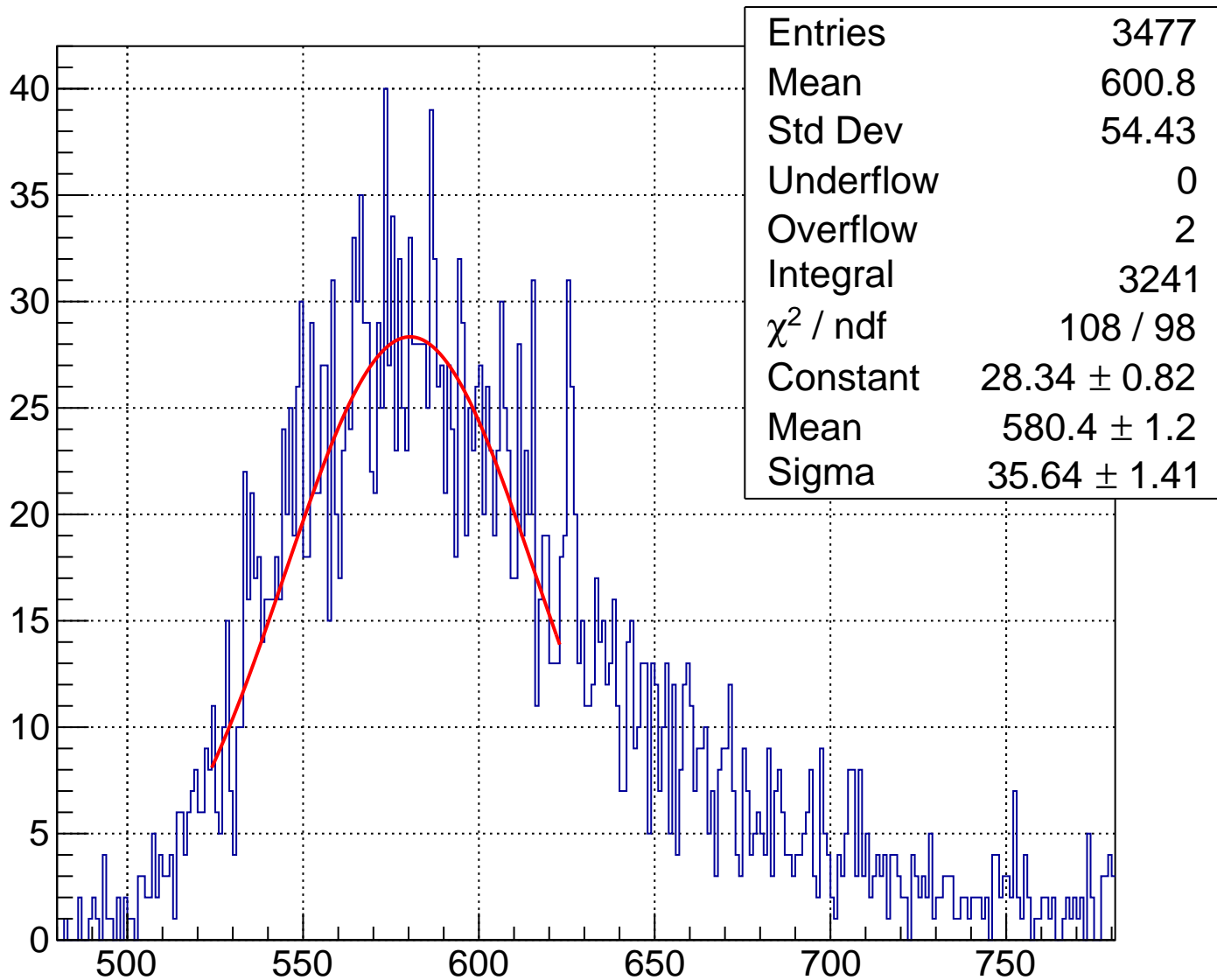
BH1UMIP9



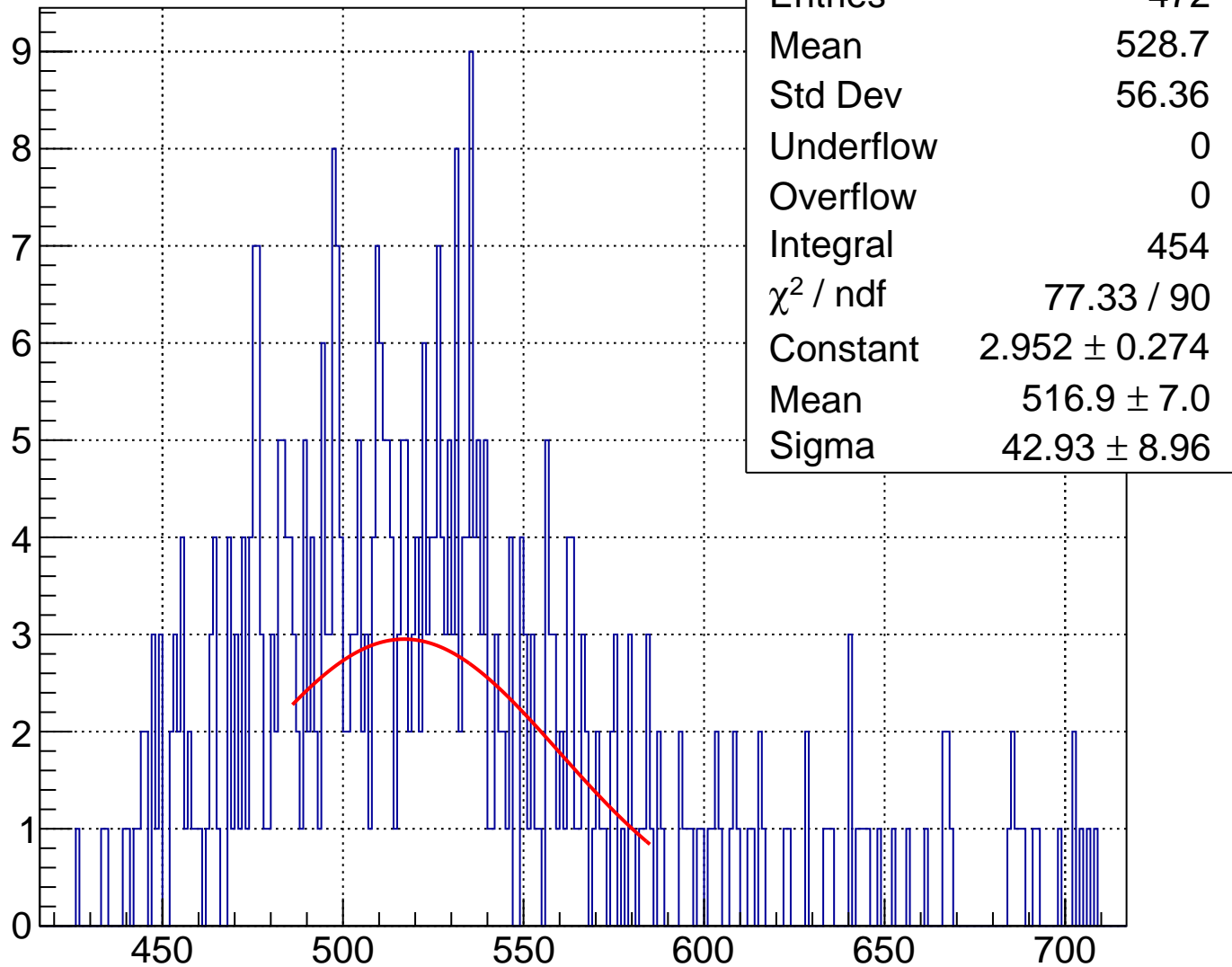
BH1UMIP10



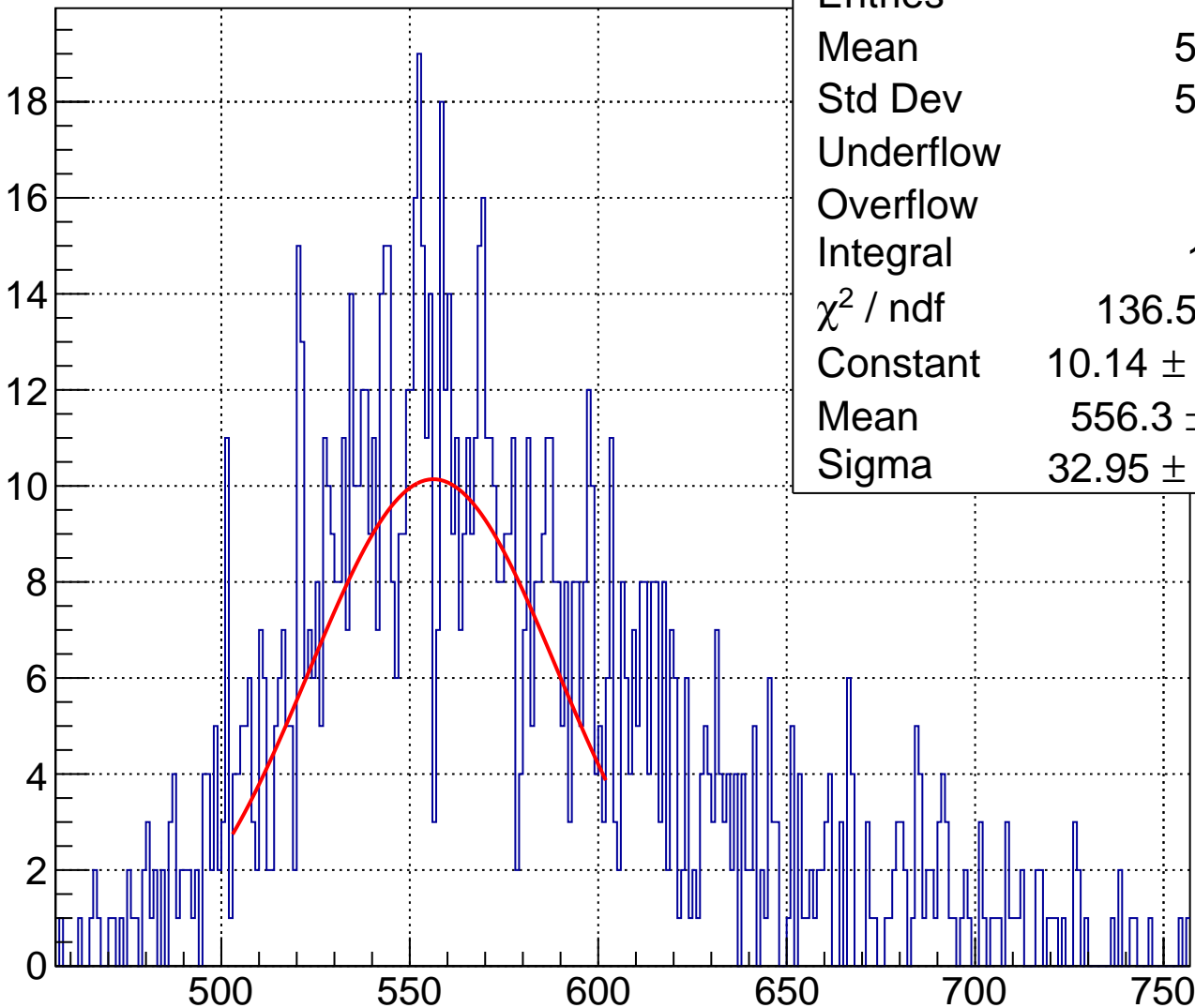
BH1UMIP11



BH1DMIP1

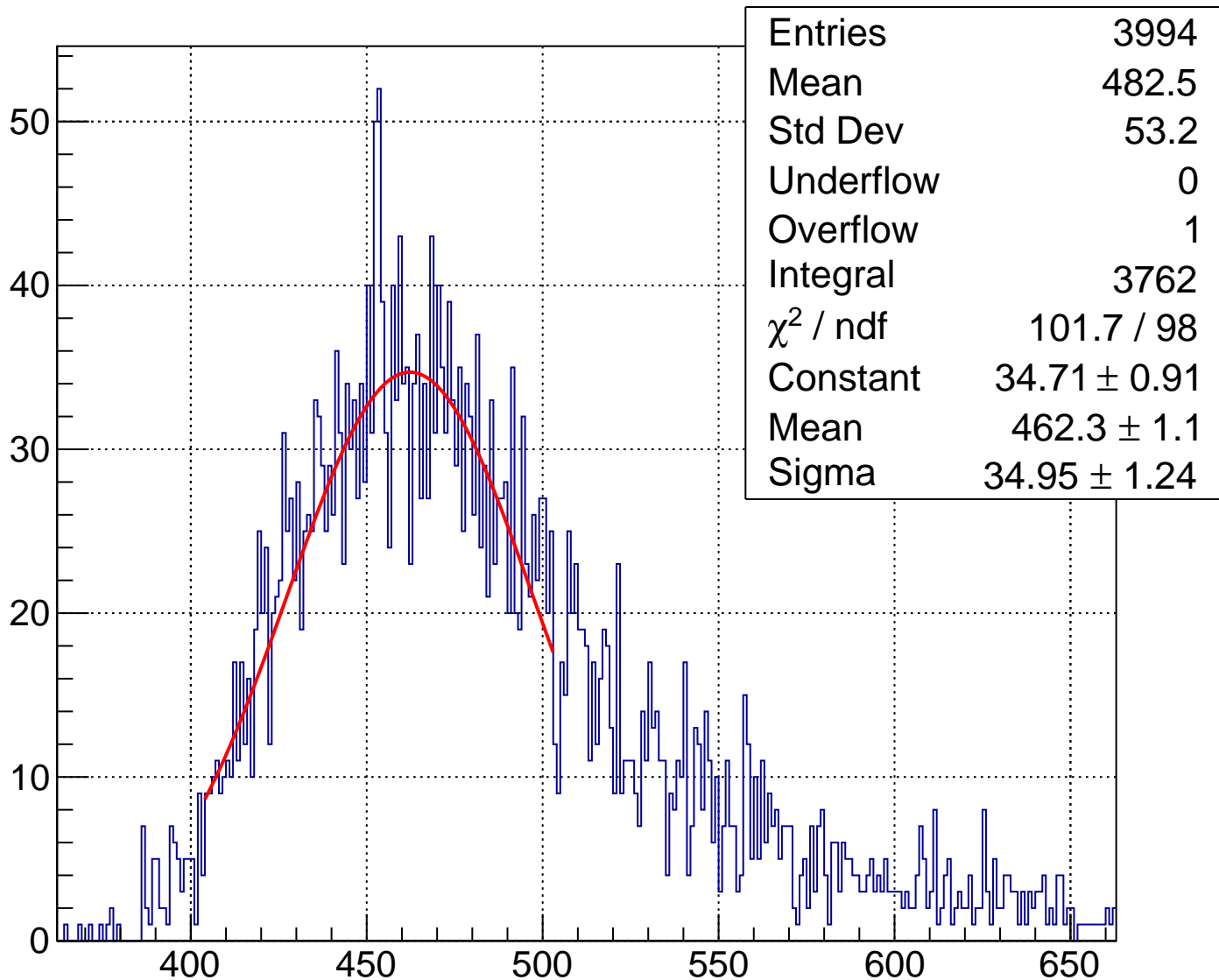


BH1DMIP2

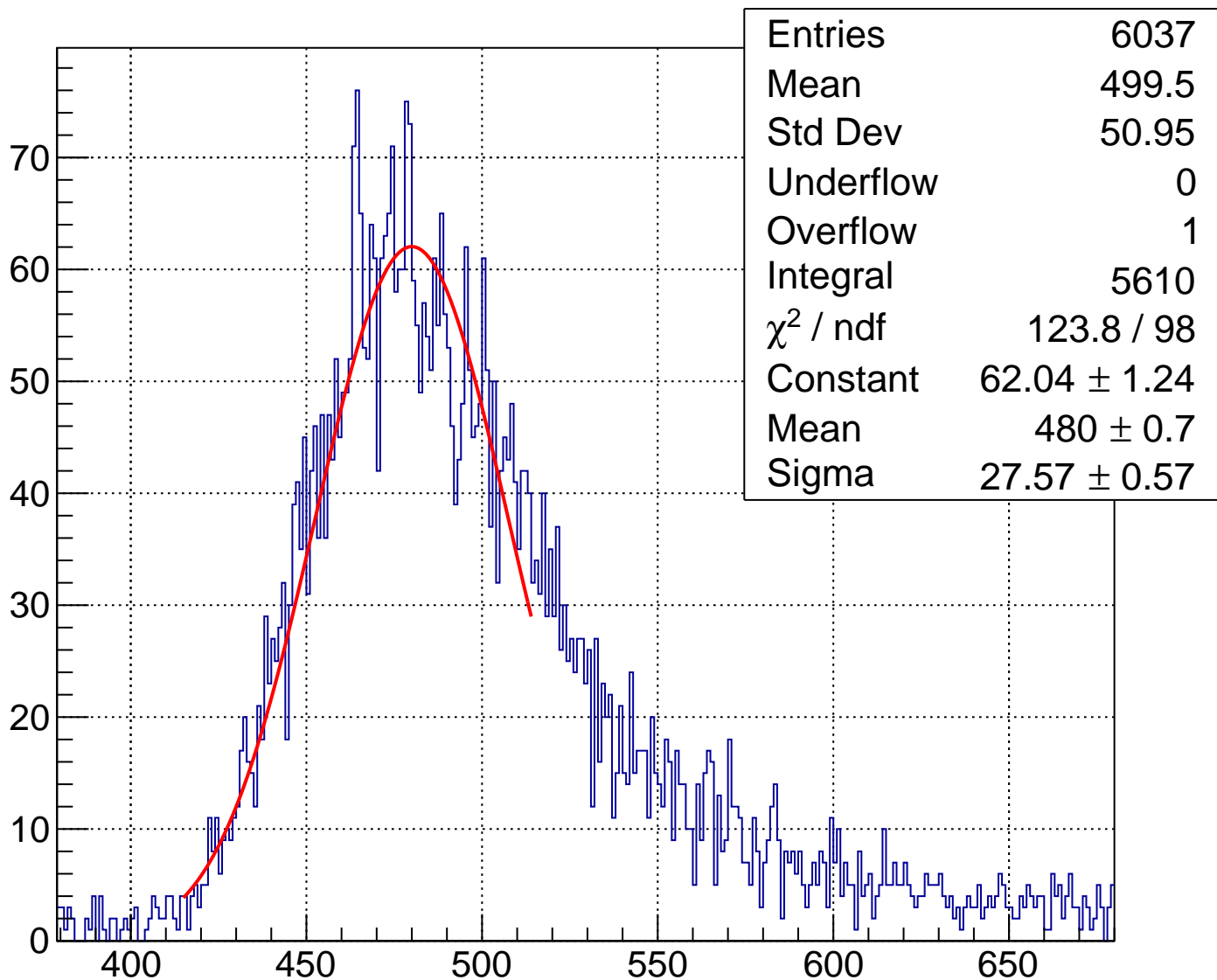


Entries	1357
Mean	574.3
Std Dev	53.38
Underflow	0
Overflow	2
Integral	1252
χ^2 / ndf	136.5 / 98
Constant	10.14 ± 0.52
Mean	556.3 ± 1.7
Sigma	32.95 ± 2.08

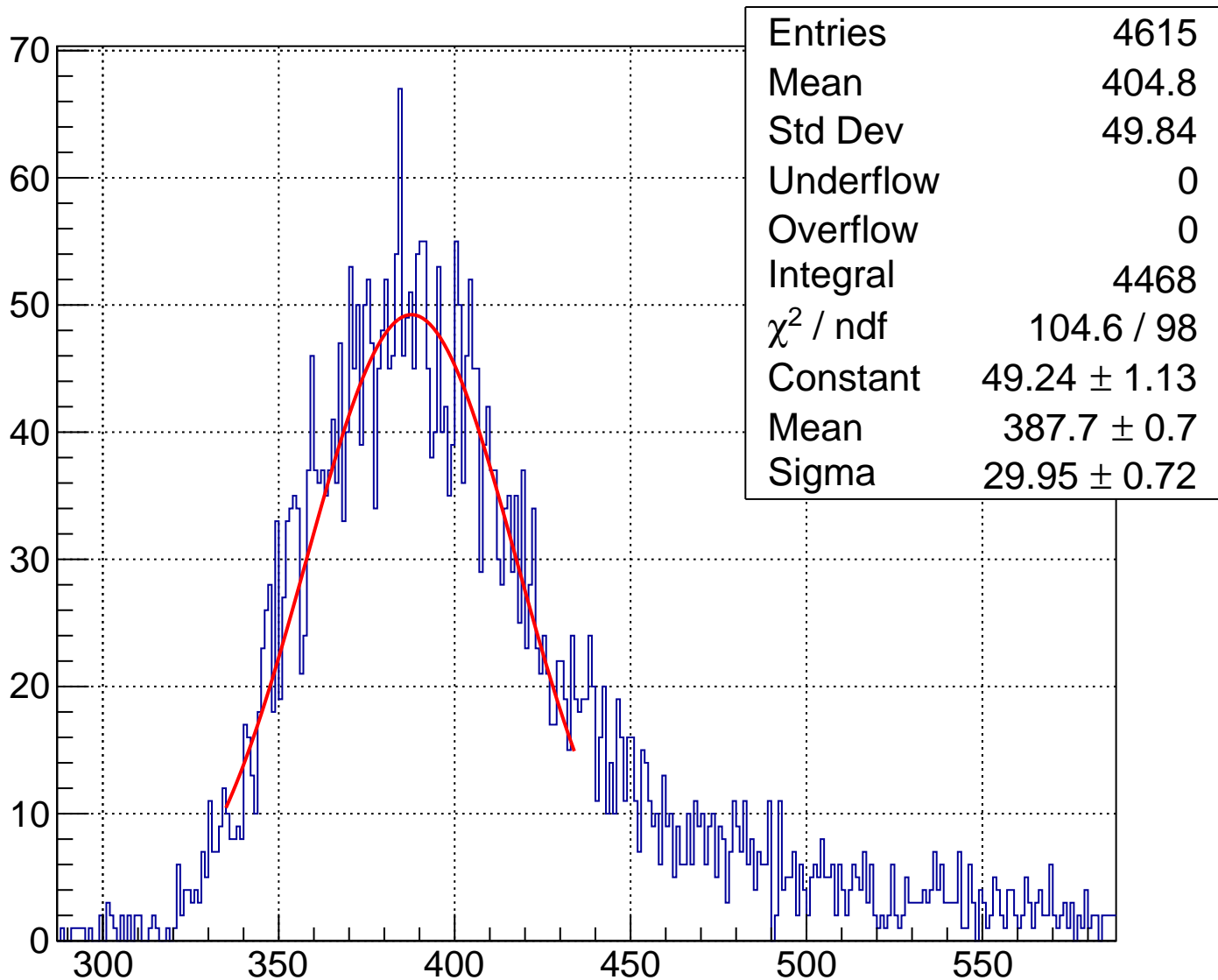
BH1DMIP3



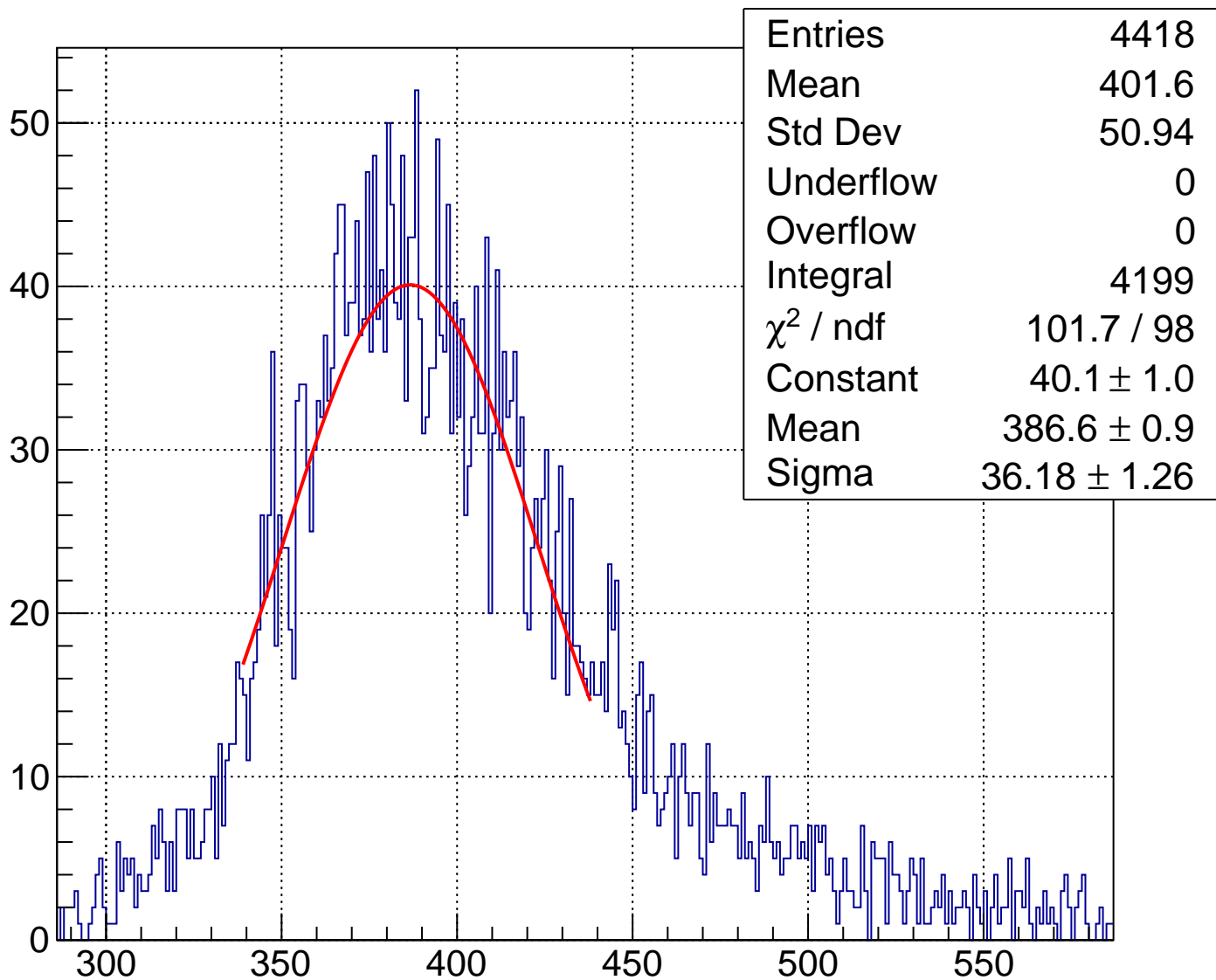
BH1DMIP4



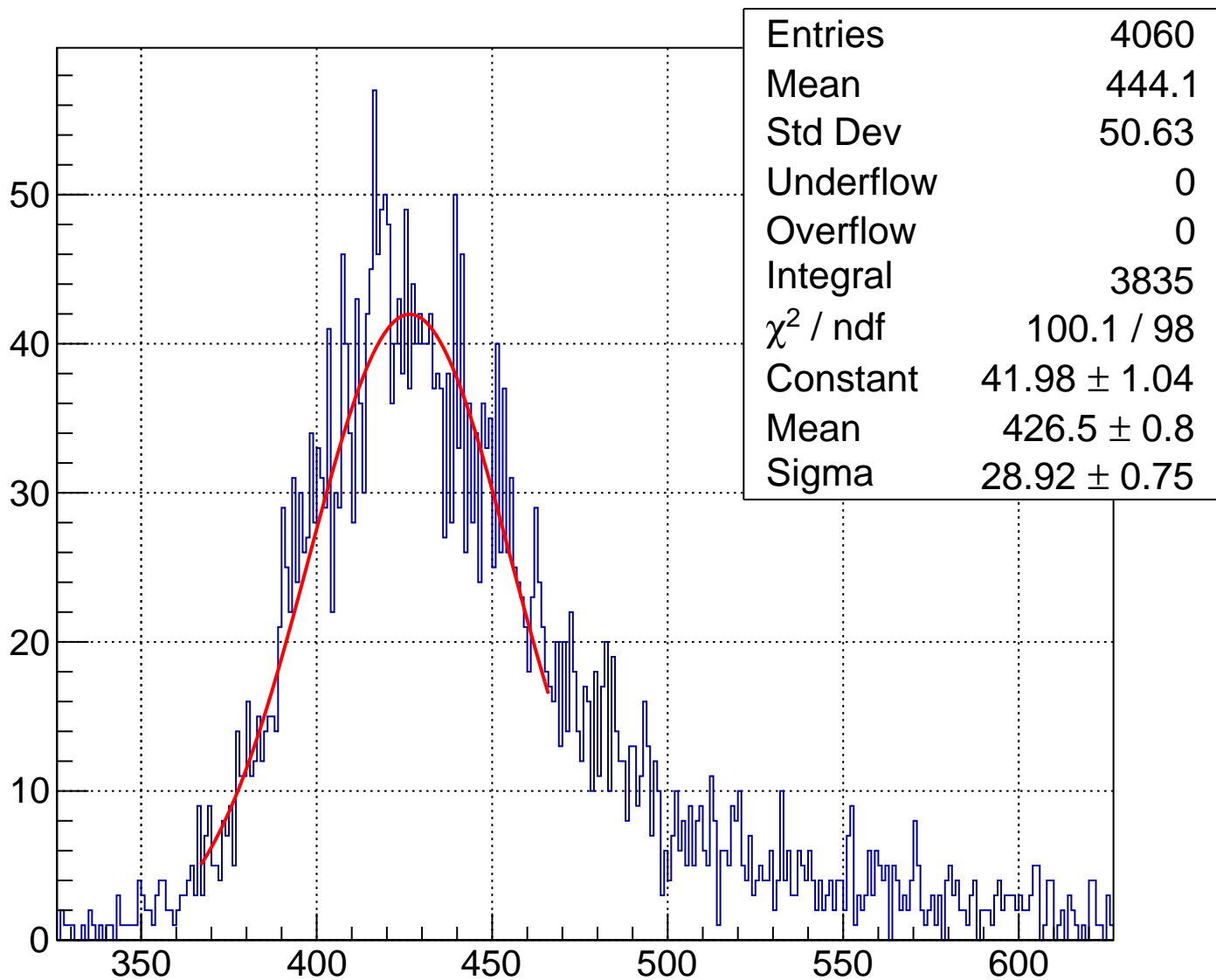
BH1DMIP5



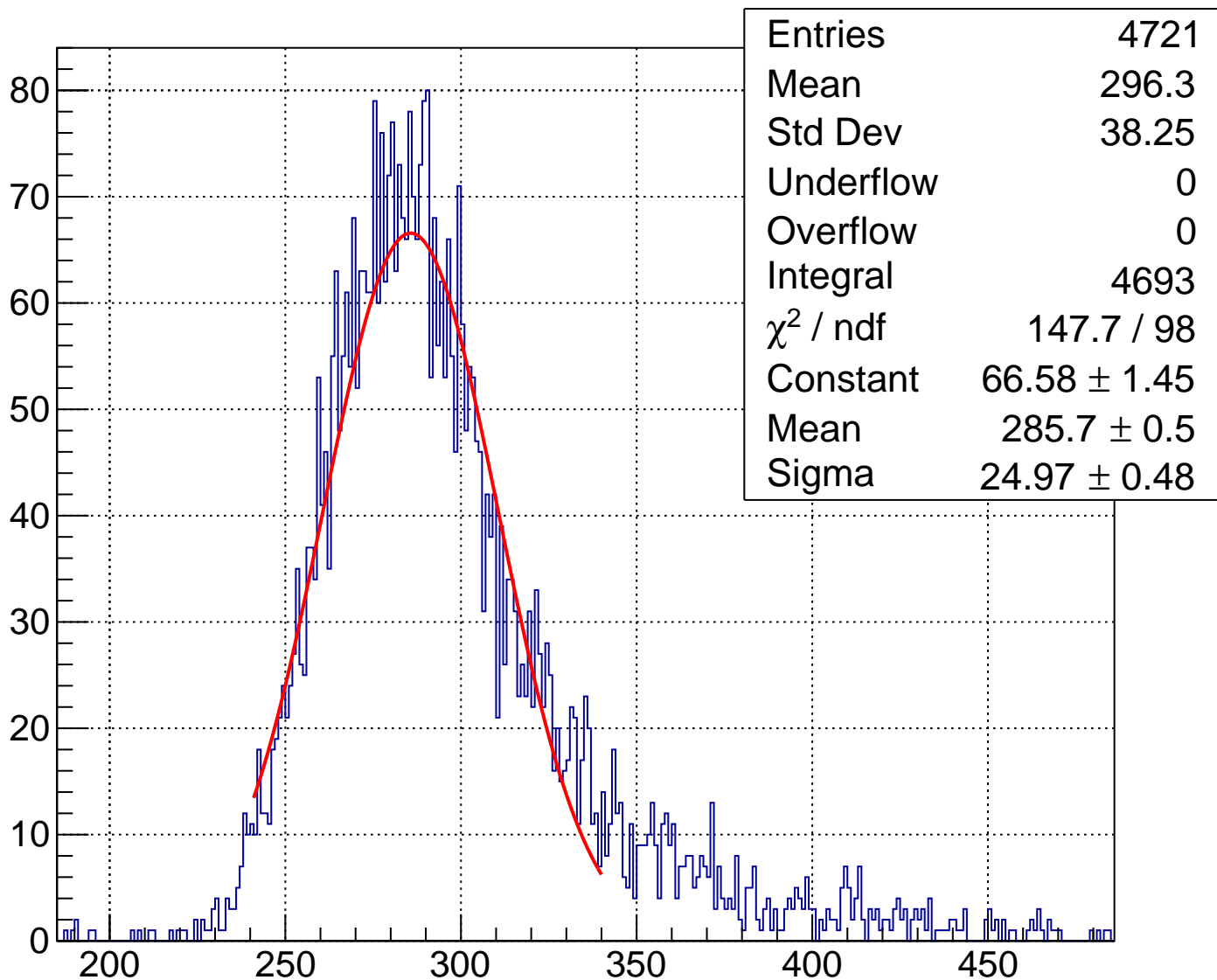
BH1DMIP6



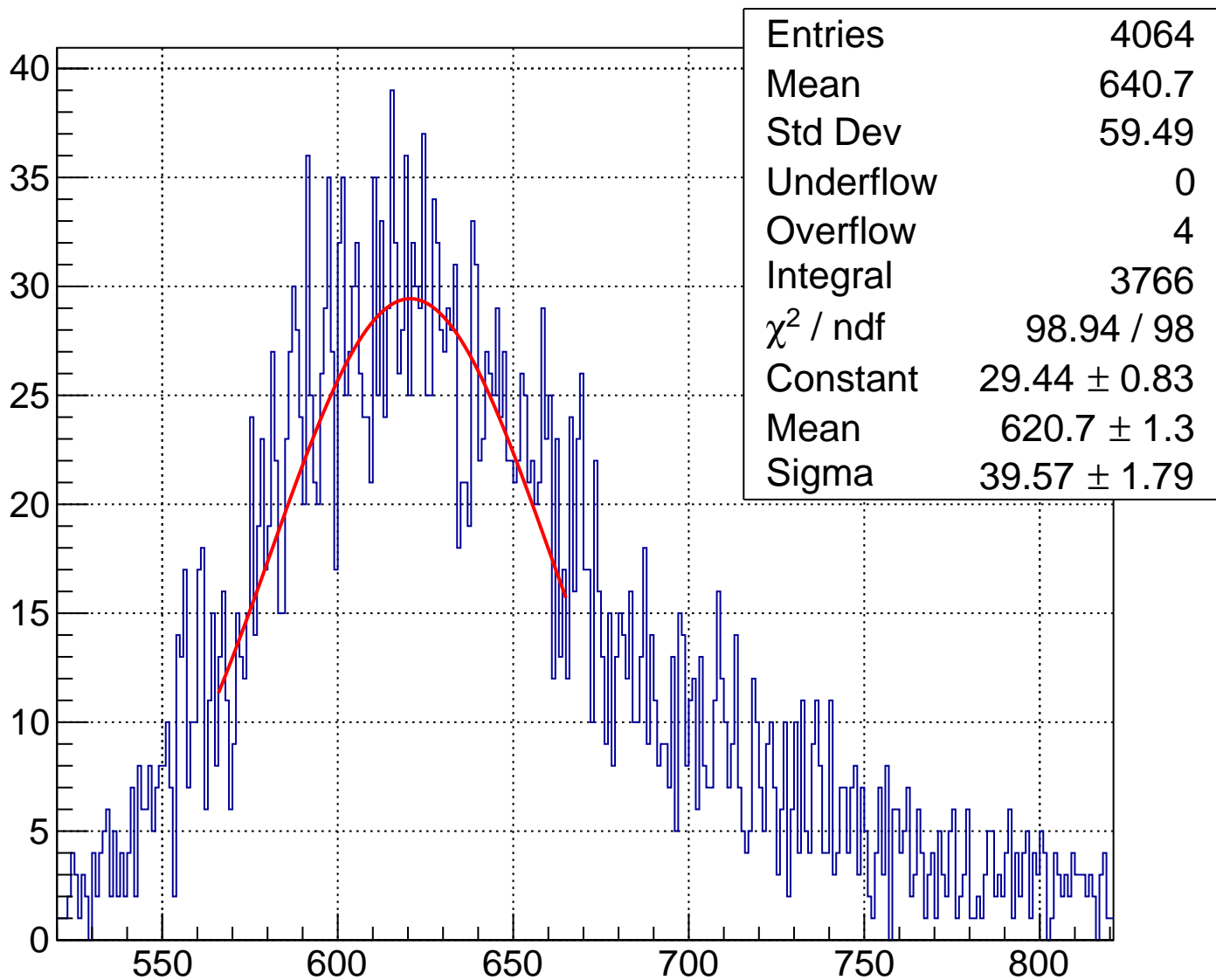
BH1DMIP7



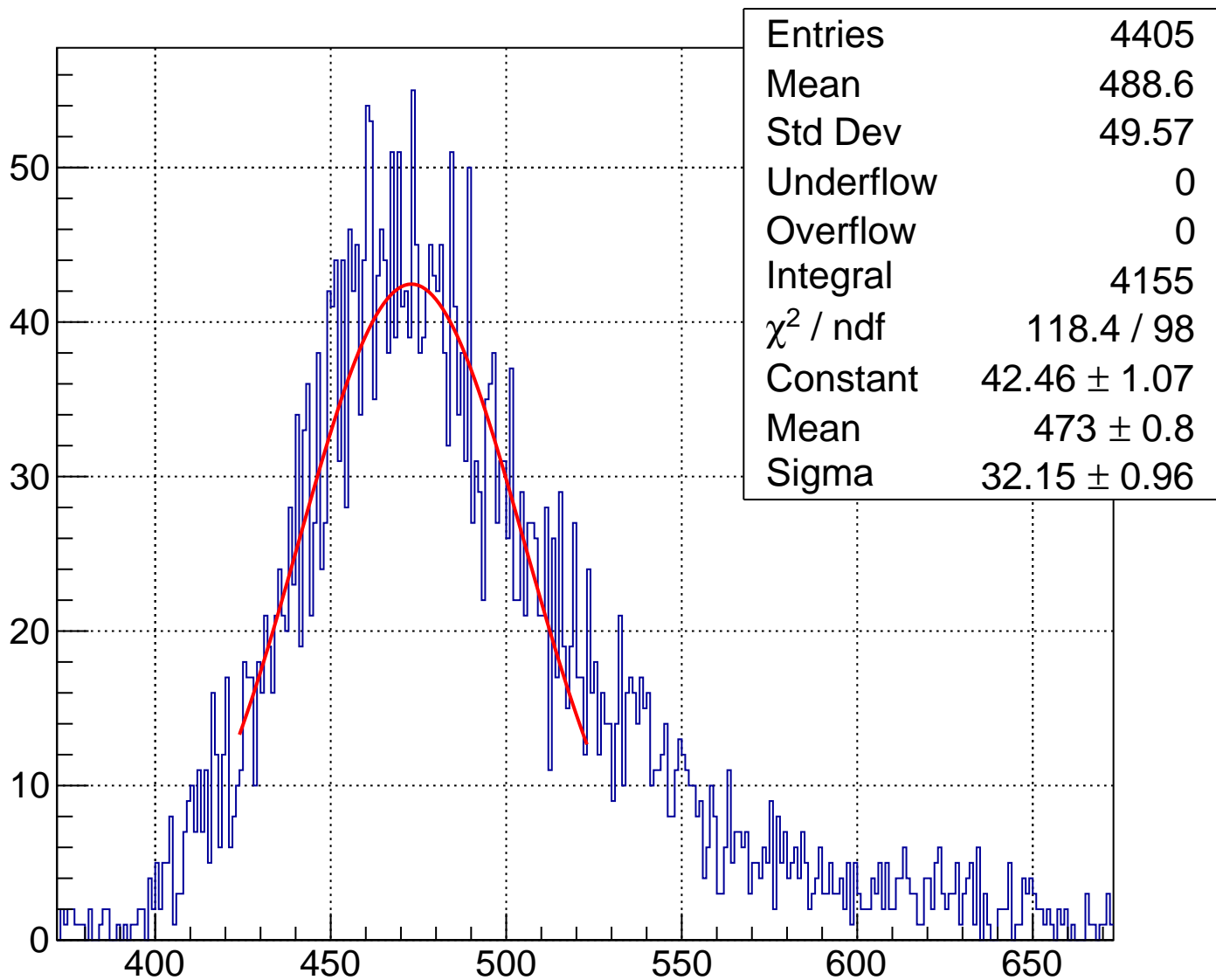
BH1DMIP8



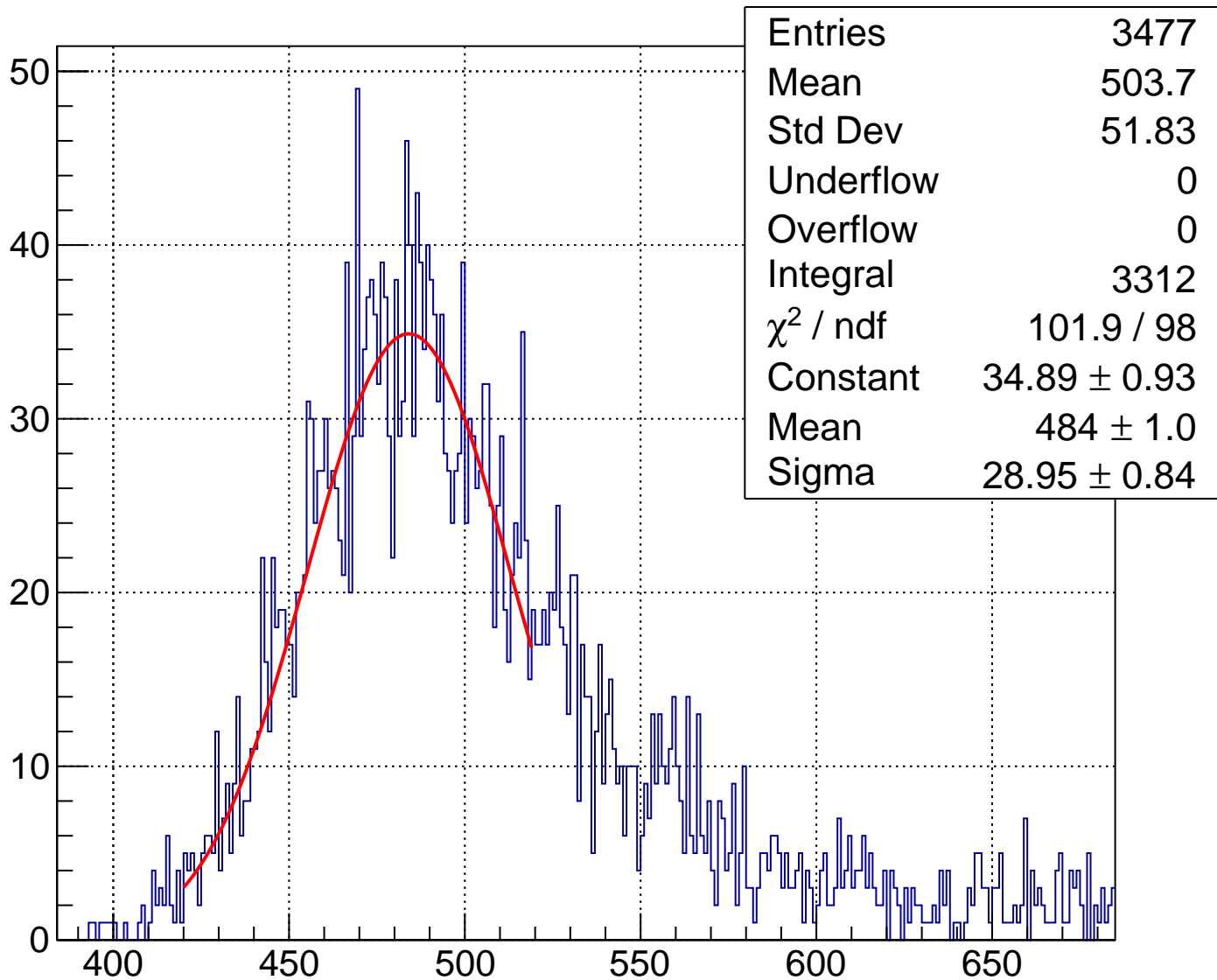
BH1DMIP9



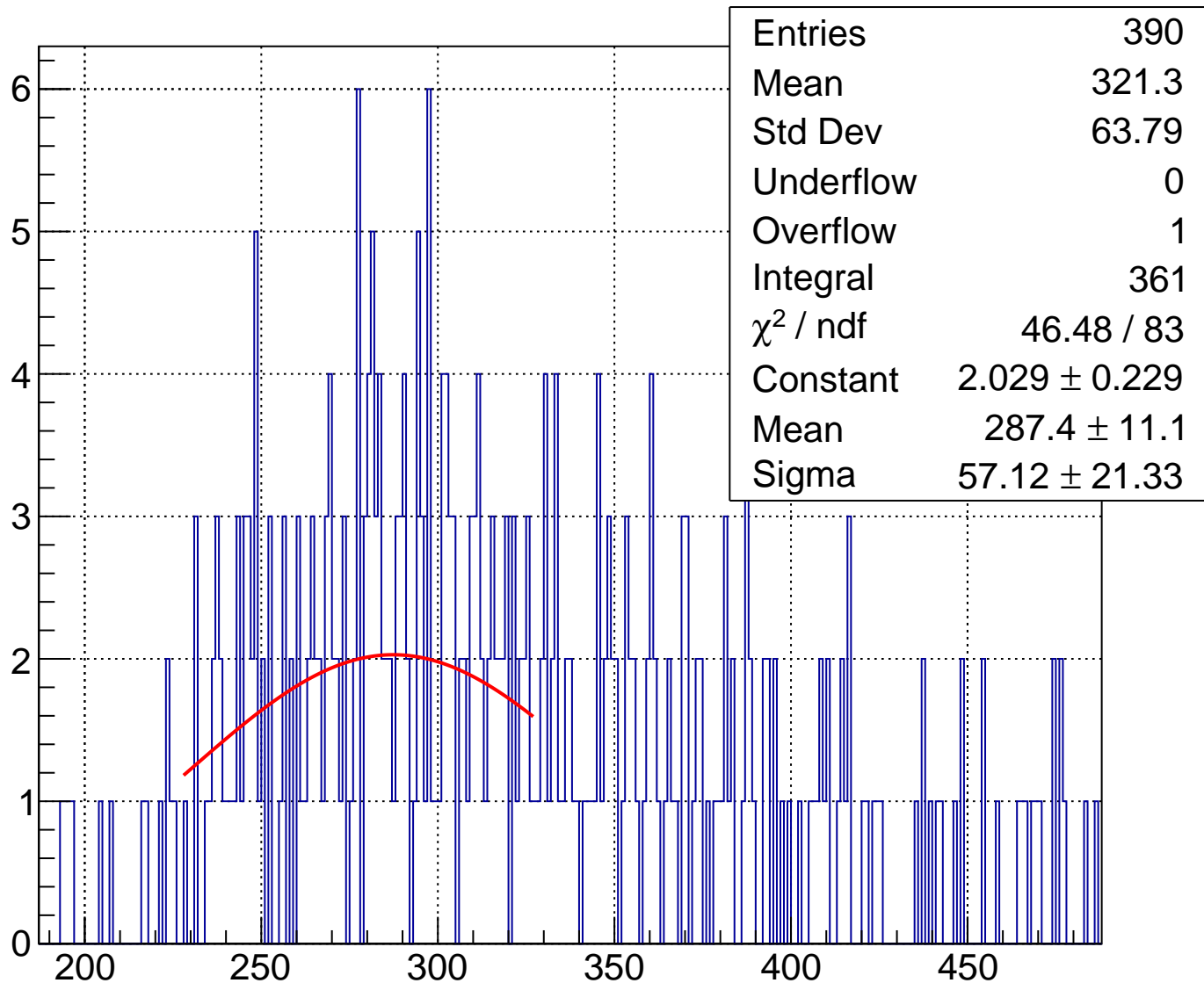
BH1DMIP10



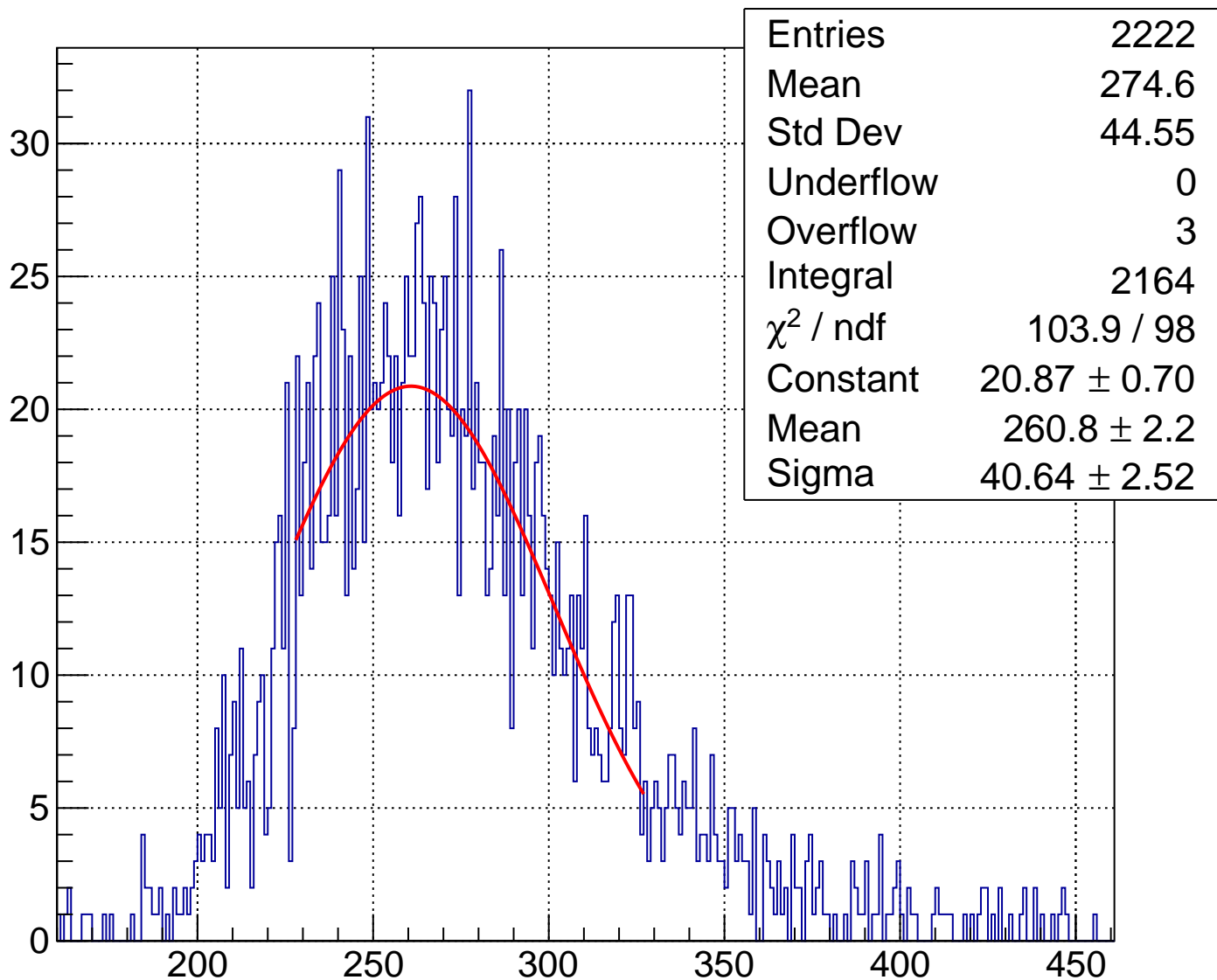
BH1DMIP11



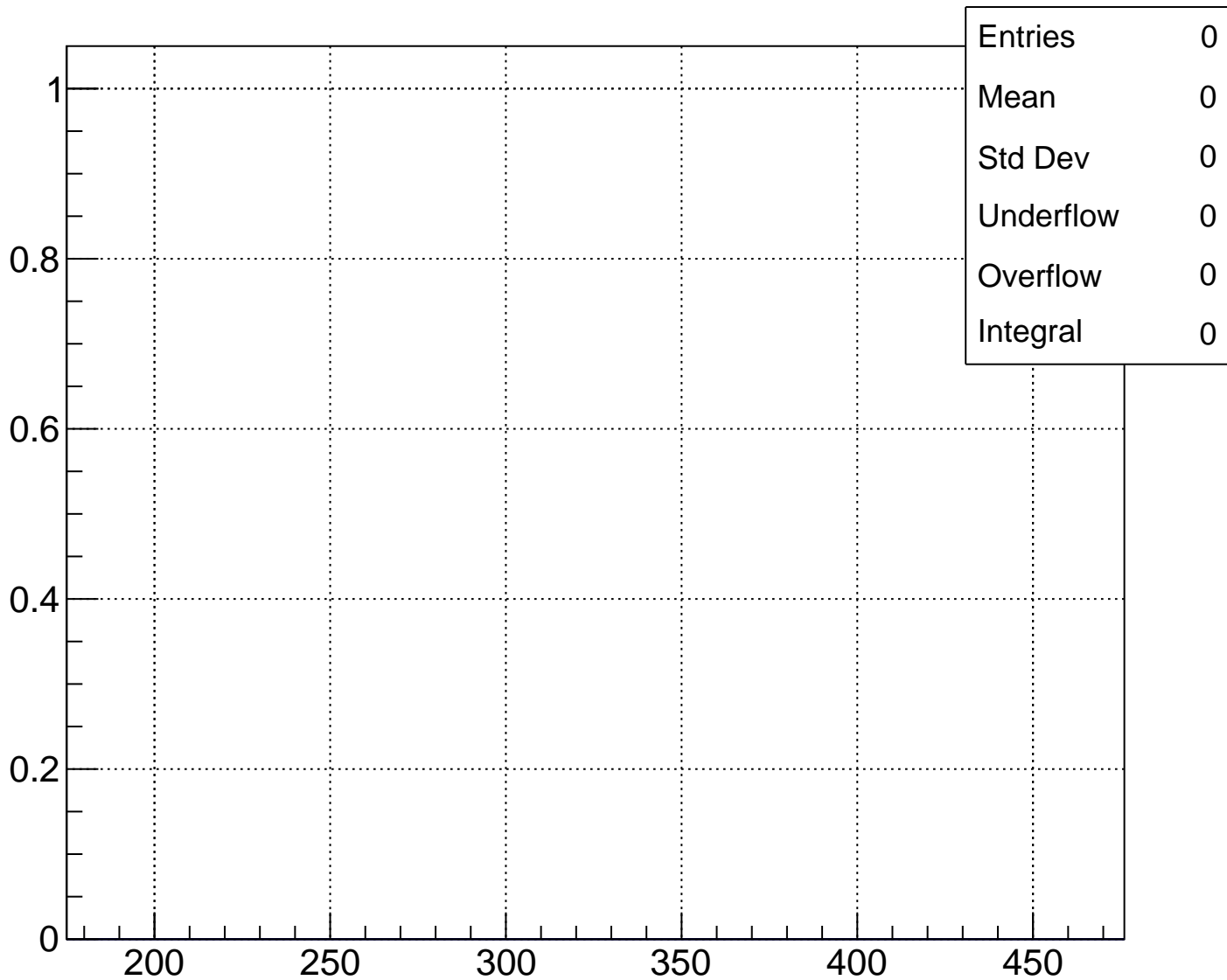
BH2UMIP1



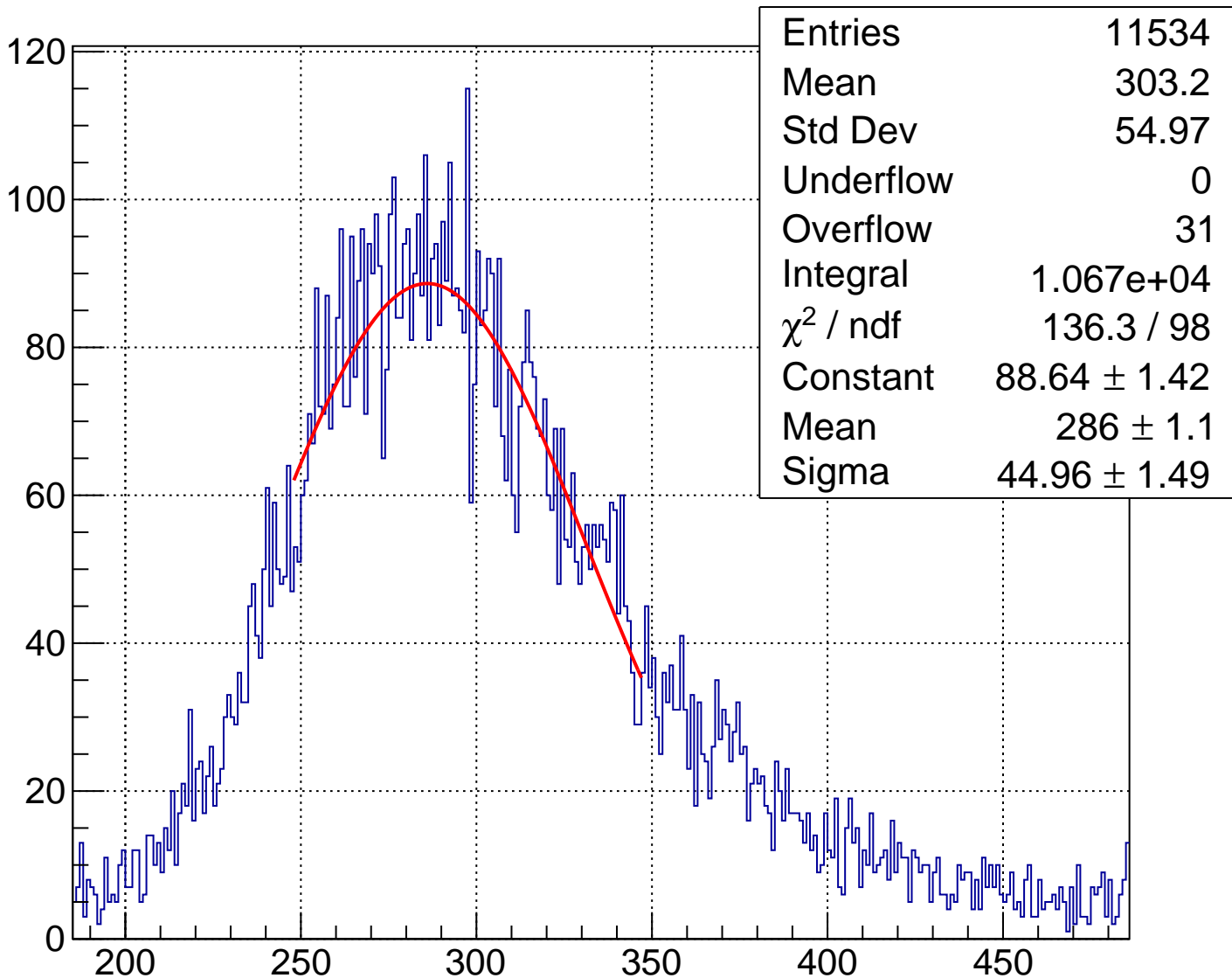
BH2UMIP2



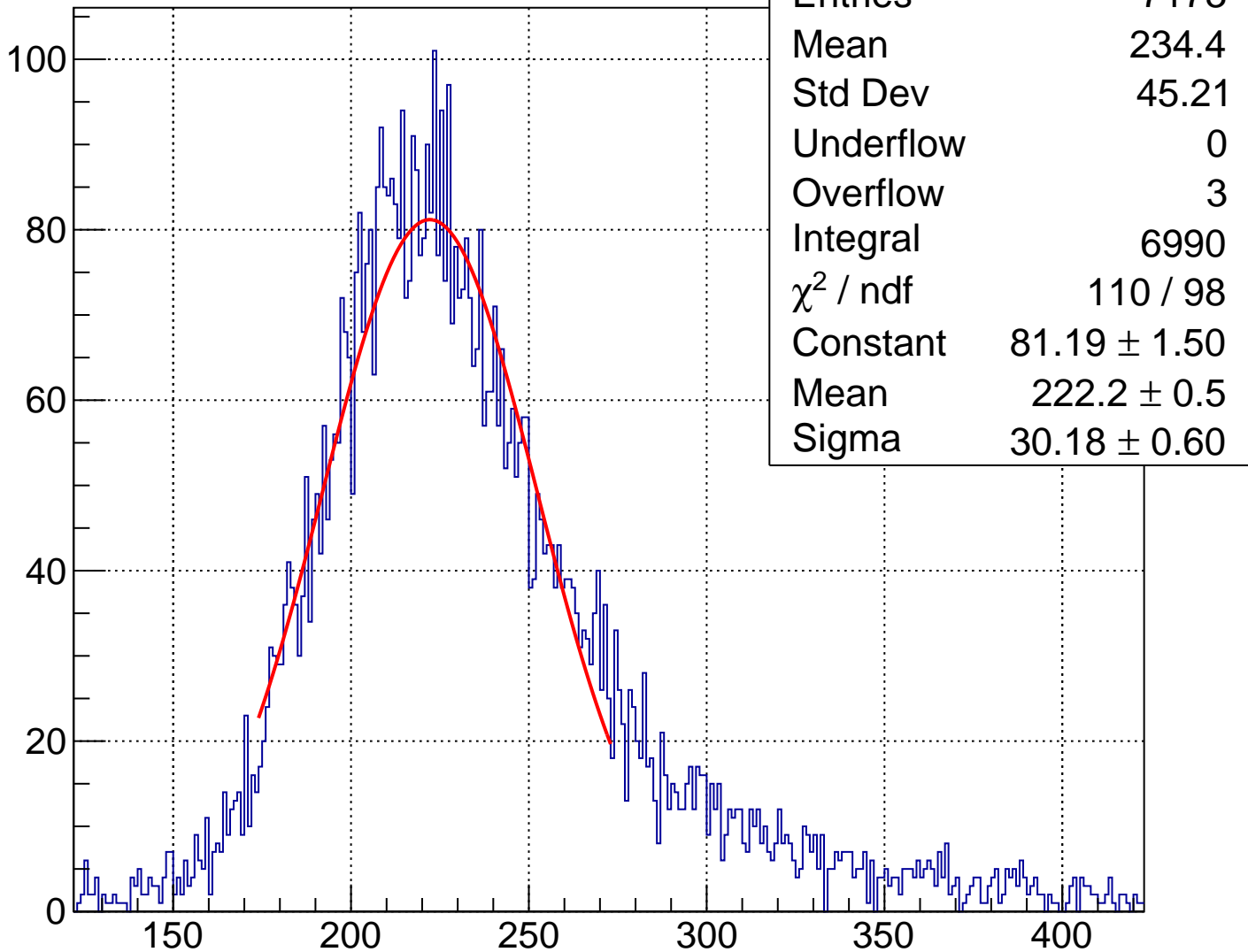
BH2UMIP3



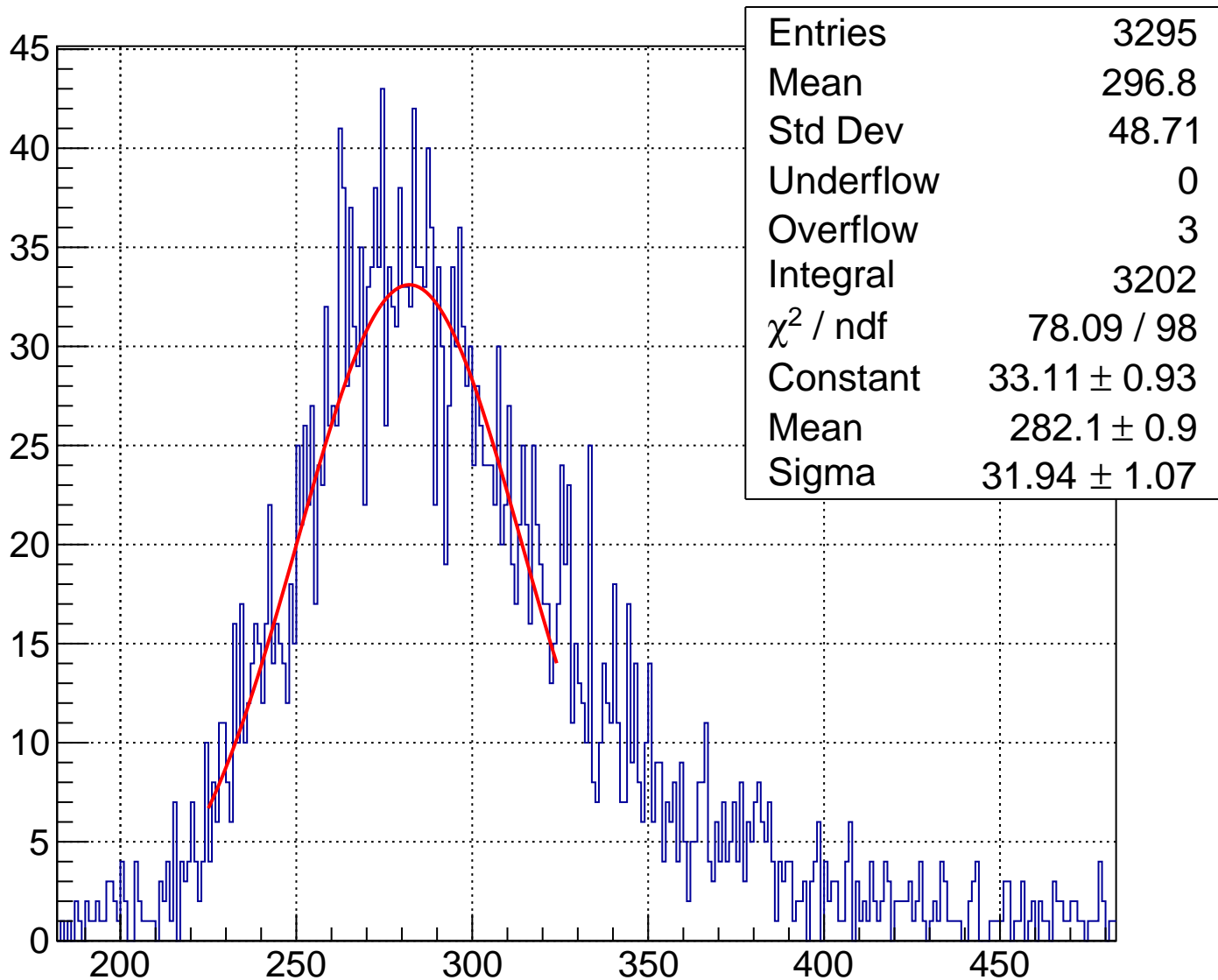
BH2UMIP4



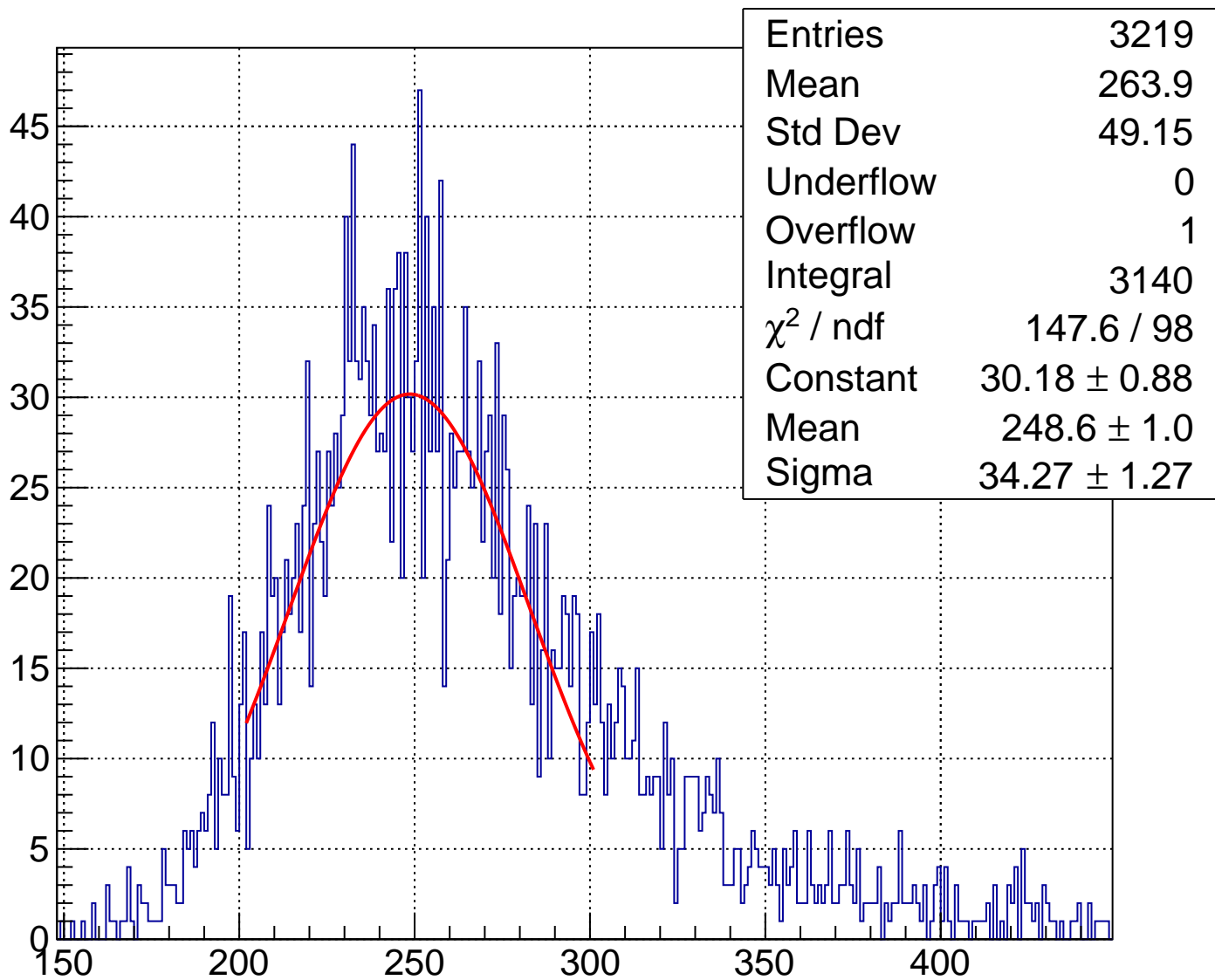
BH2UMIP5



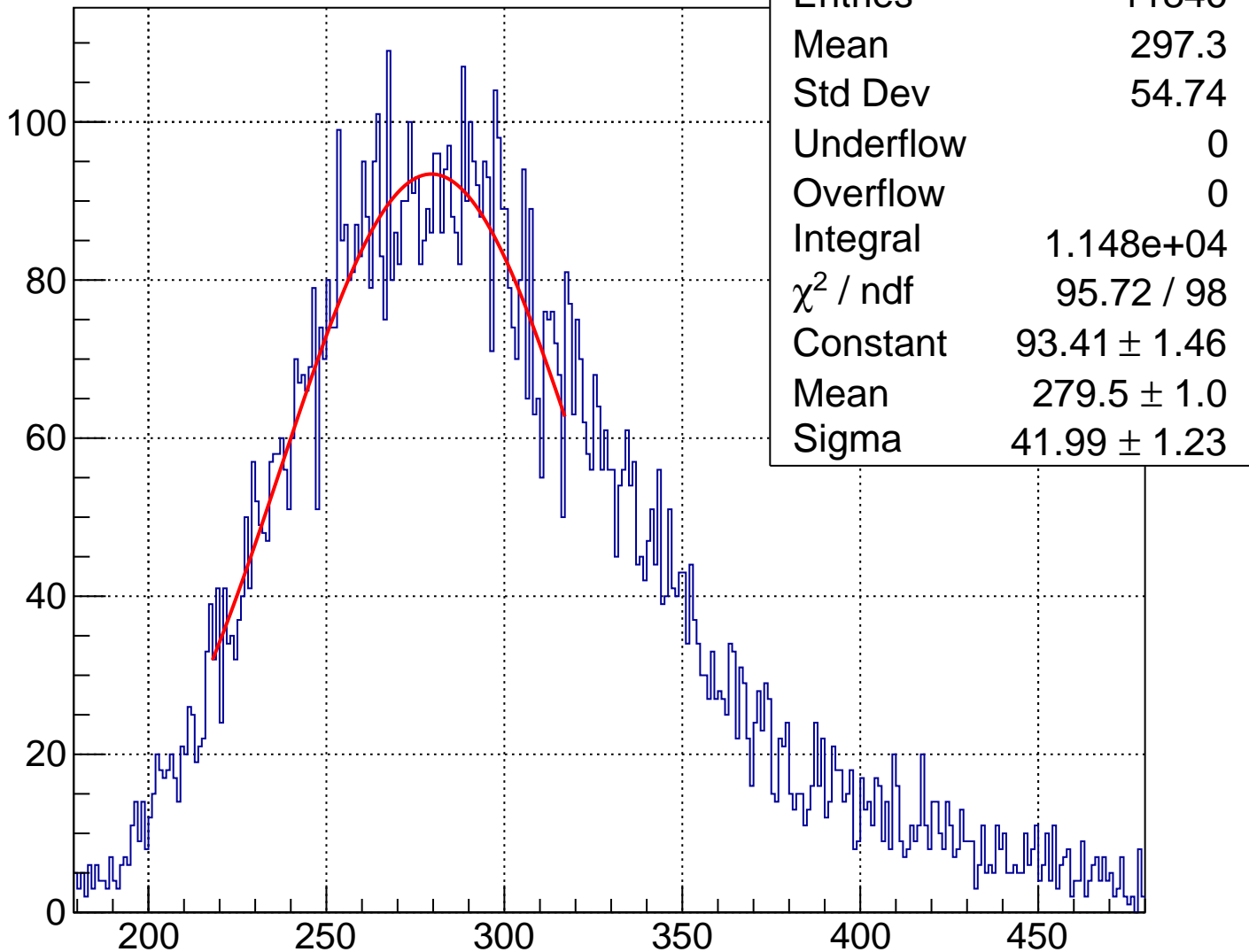
BH2UMIP6



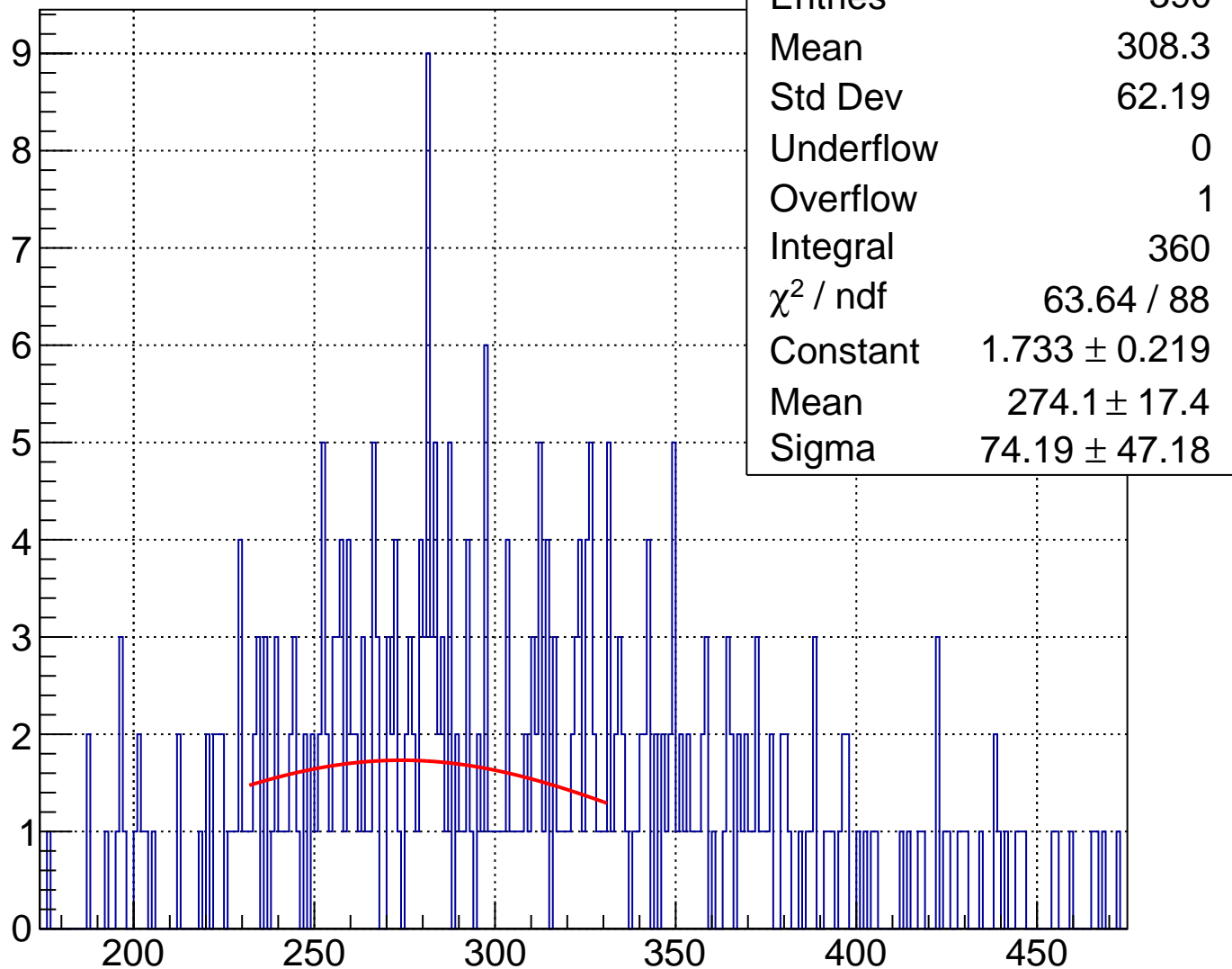
BH2UMIP7



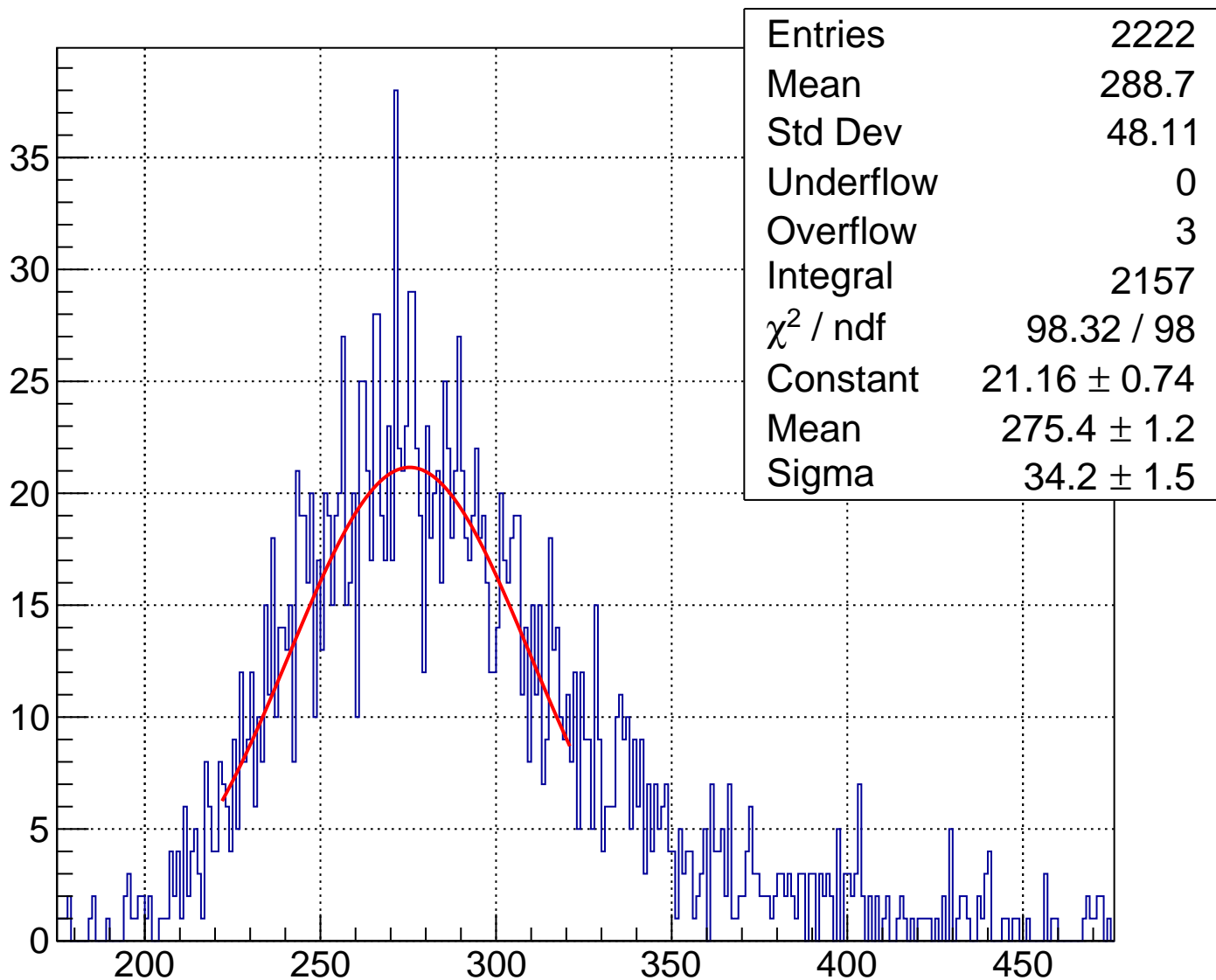
BH2UMIP8



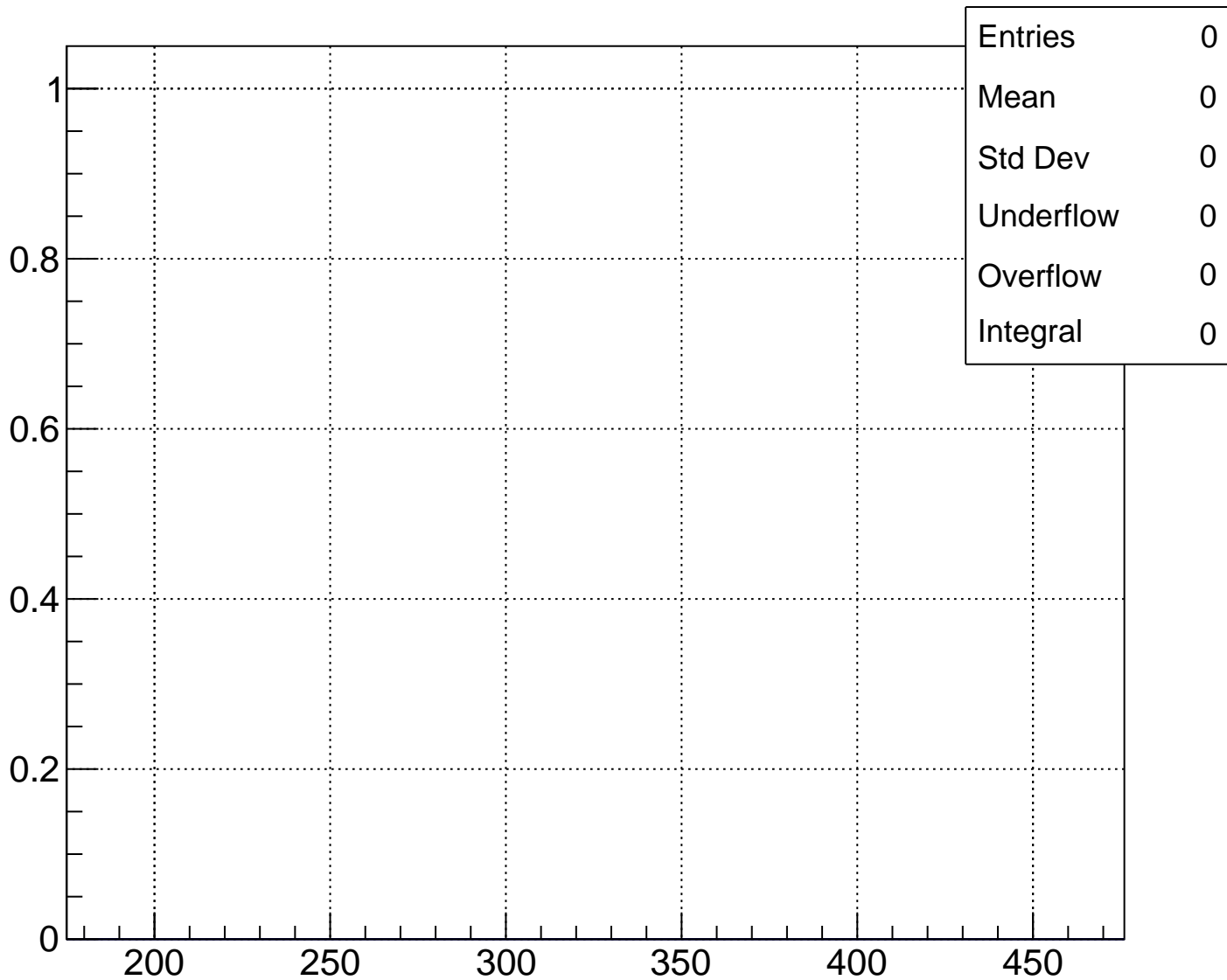
BH2DMIP1



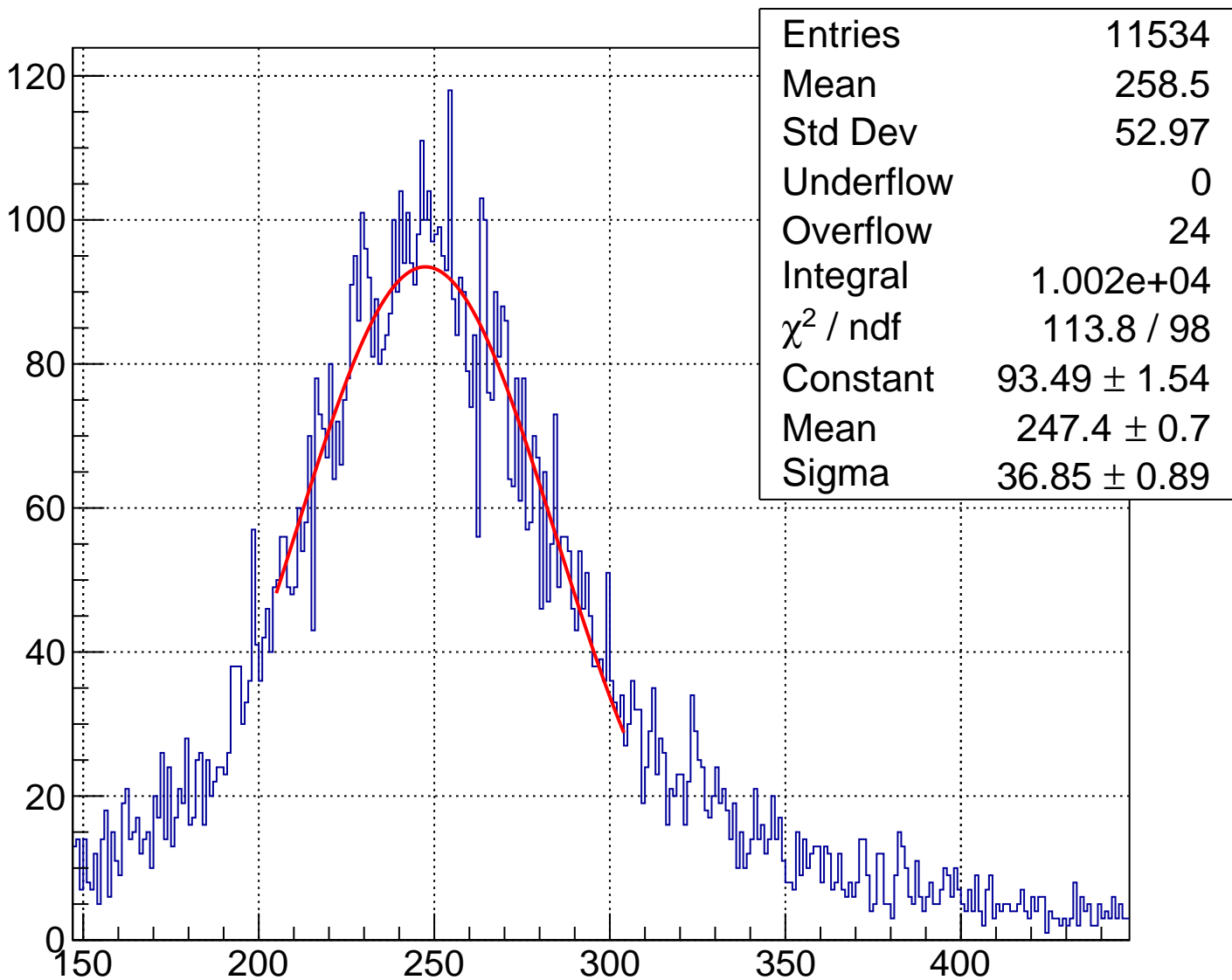
BH2DMIP2



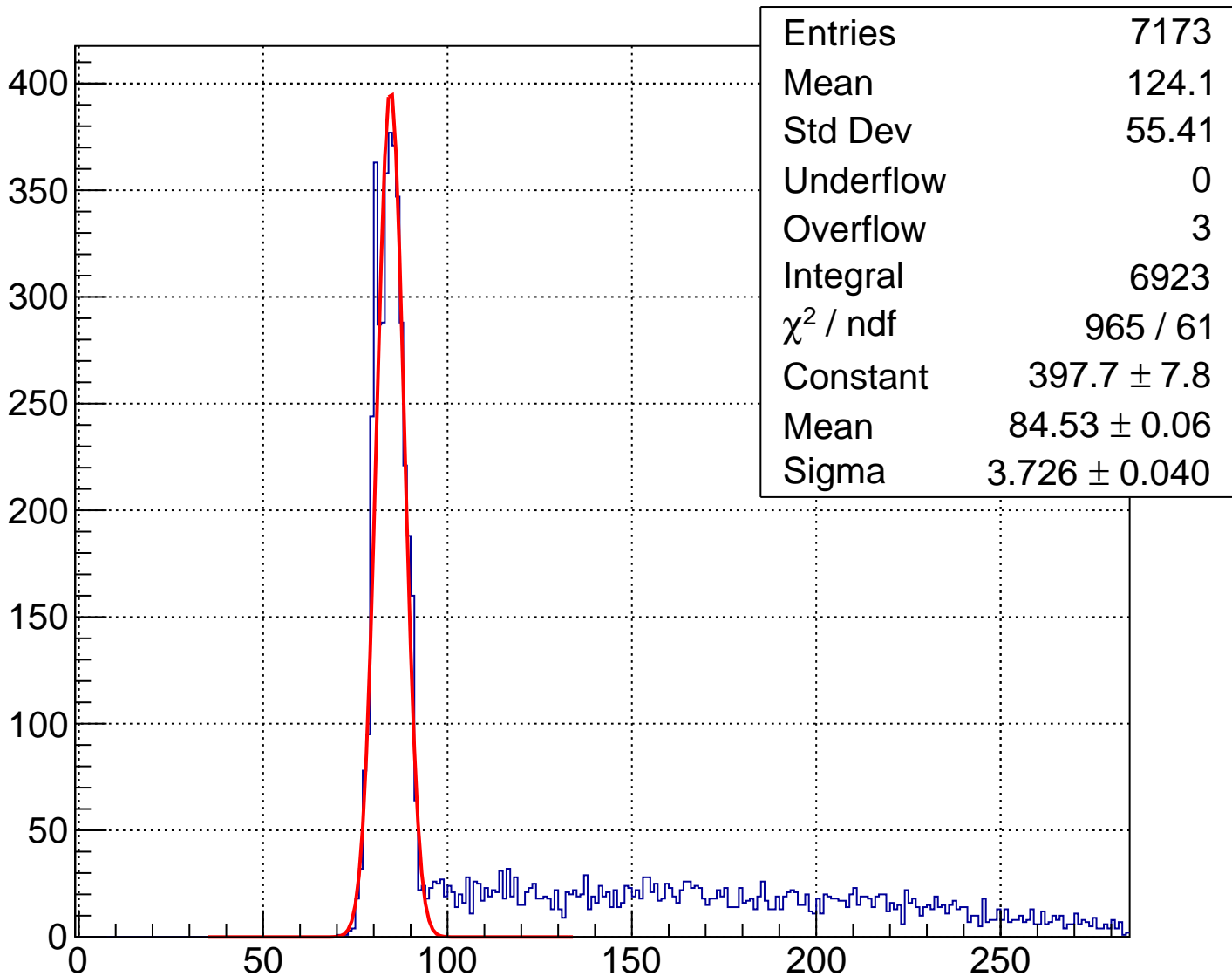
BH2DMIP3



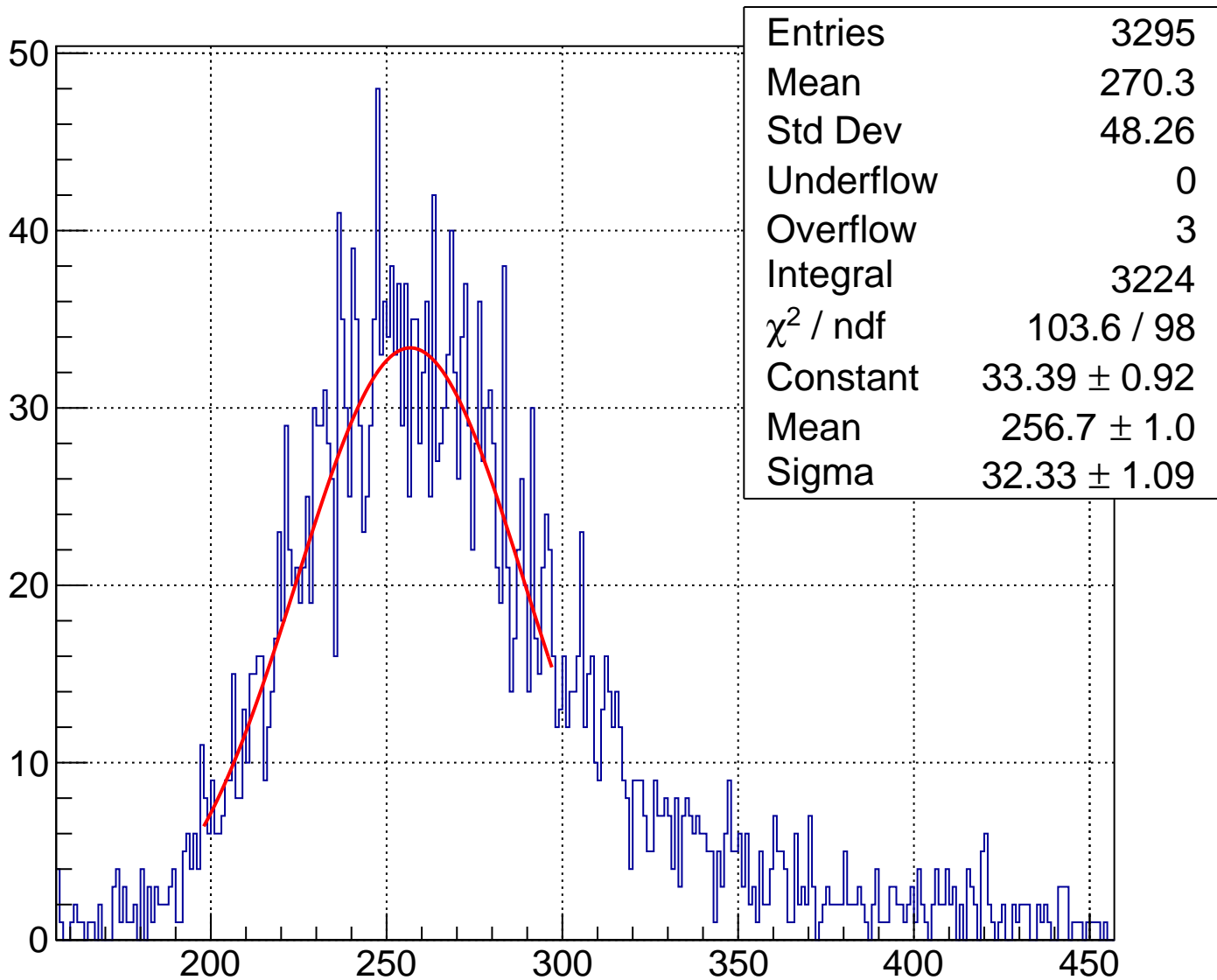
BH2DMIP4



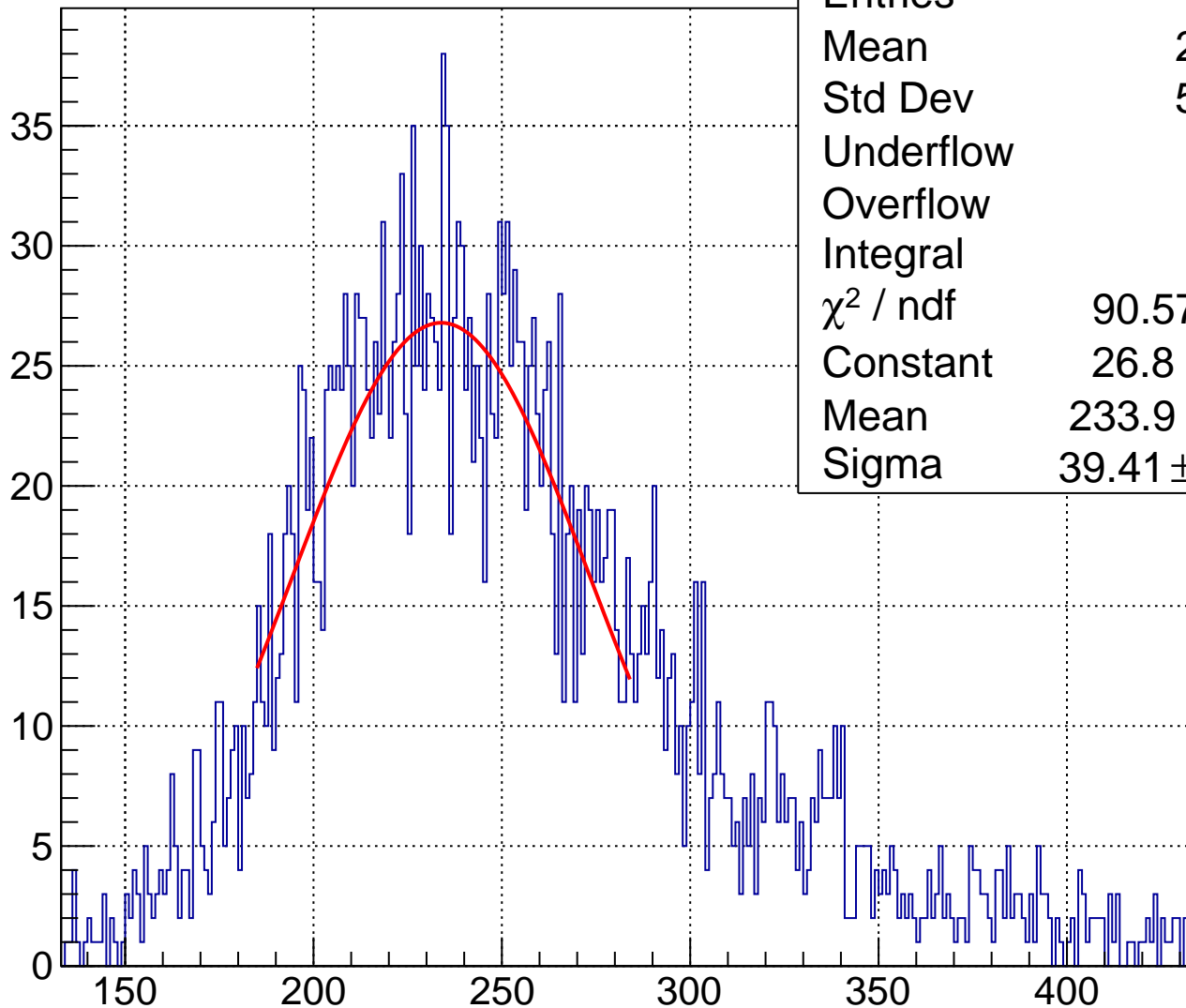
BH2DMIP5



BH2DMIP6

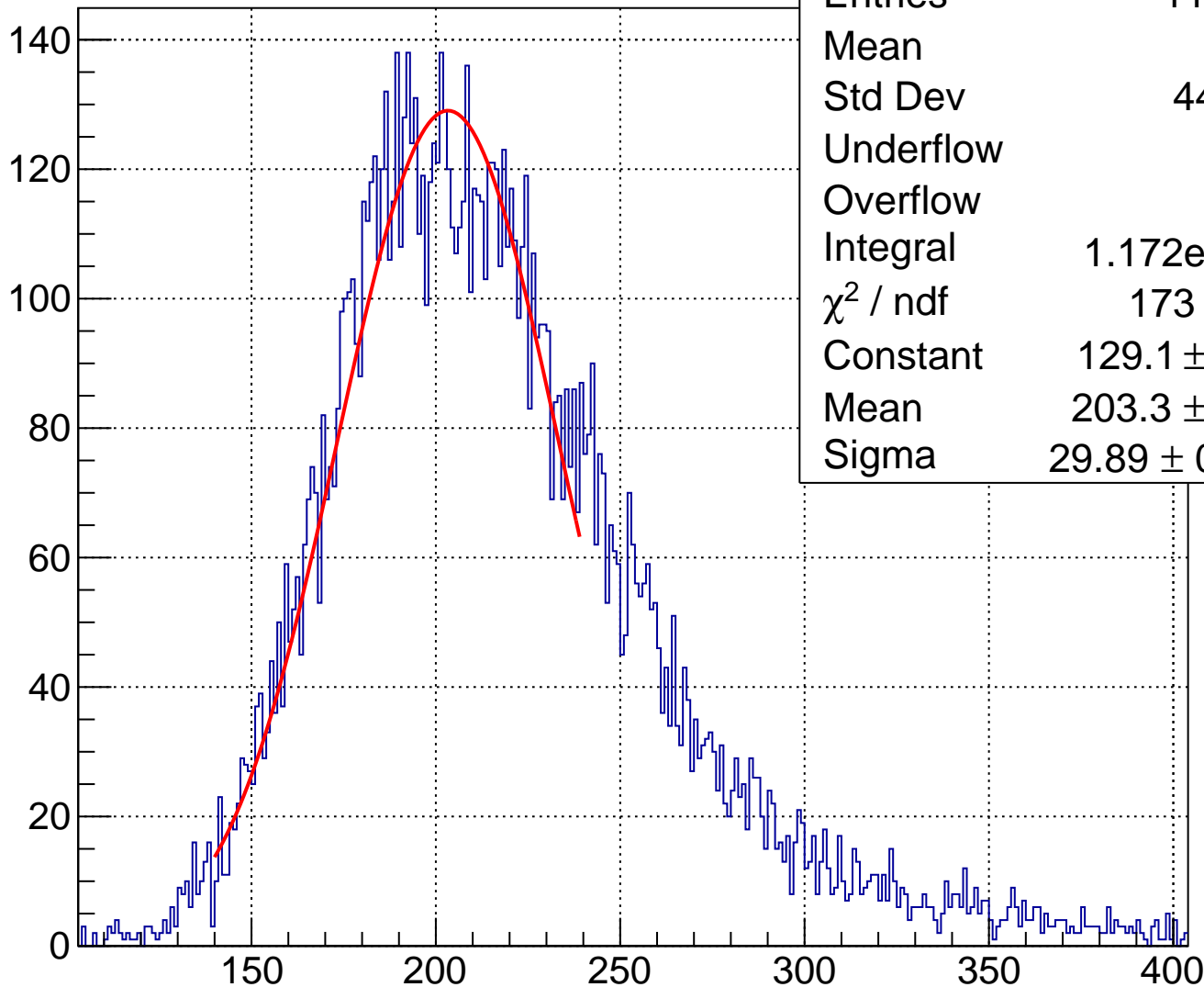


BH2DMIP7

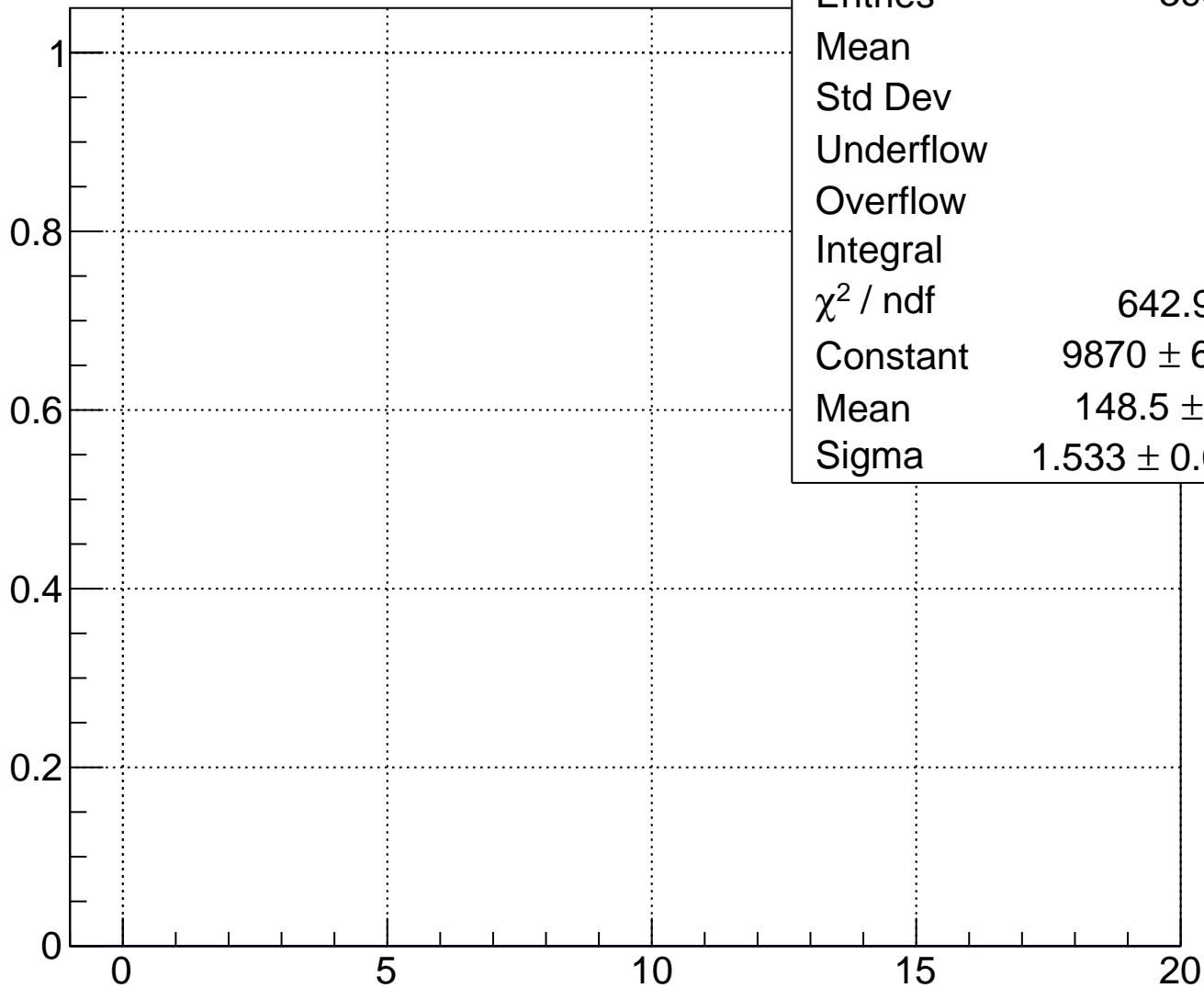


Entries	3219
Mean	251.5
Std Dev	53.56
Underflow	0
Overflow	1
Integral	3106
χ^2 / ndf	90.57 / 98
Constant	26.8 ± 0.8
Mean	233.9 ± 1.3
Sigma	39.41 ± 1.91

BH2DMIP8

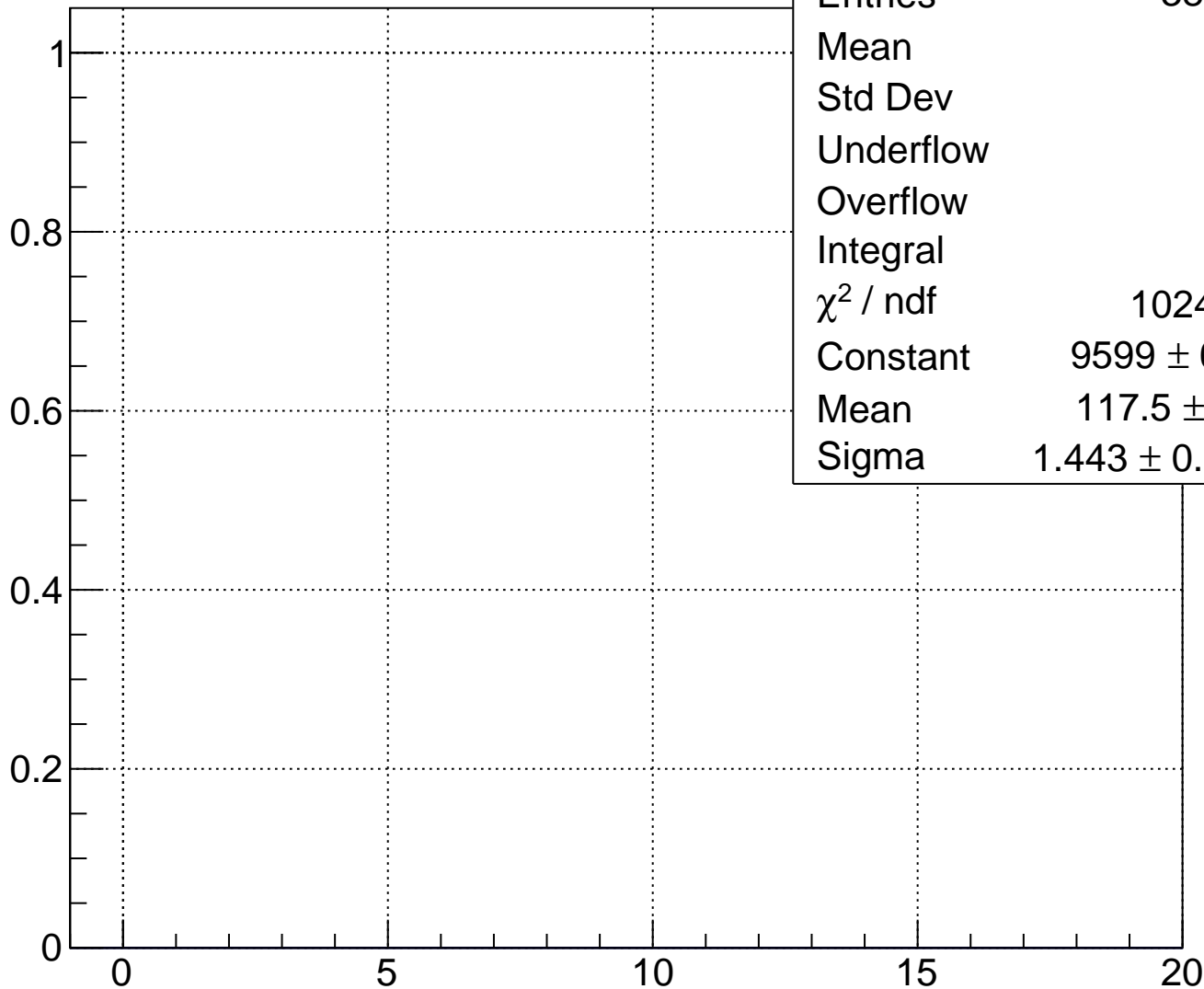


BH1UBG1



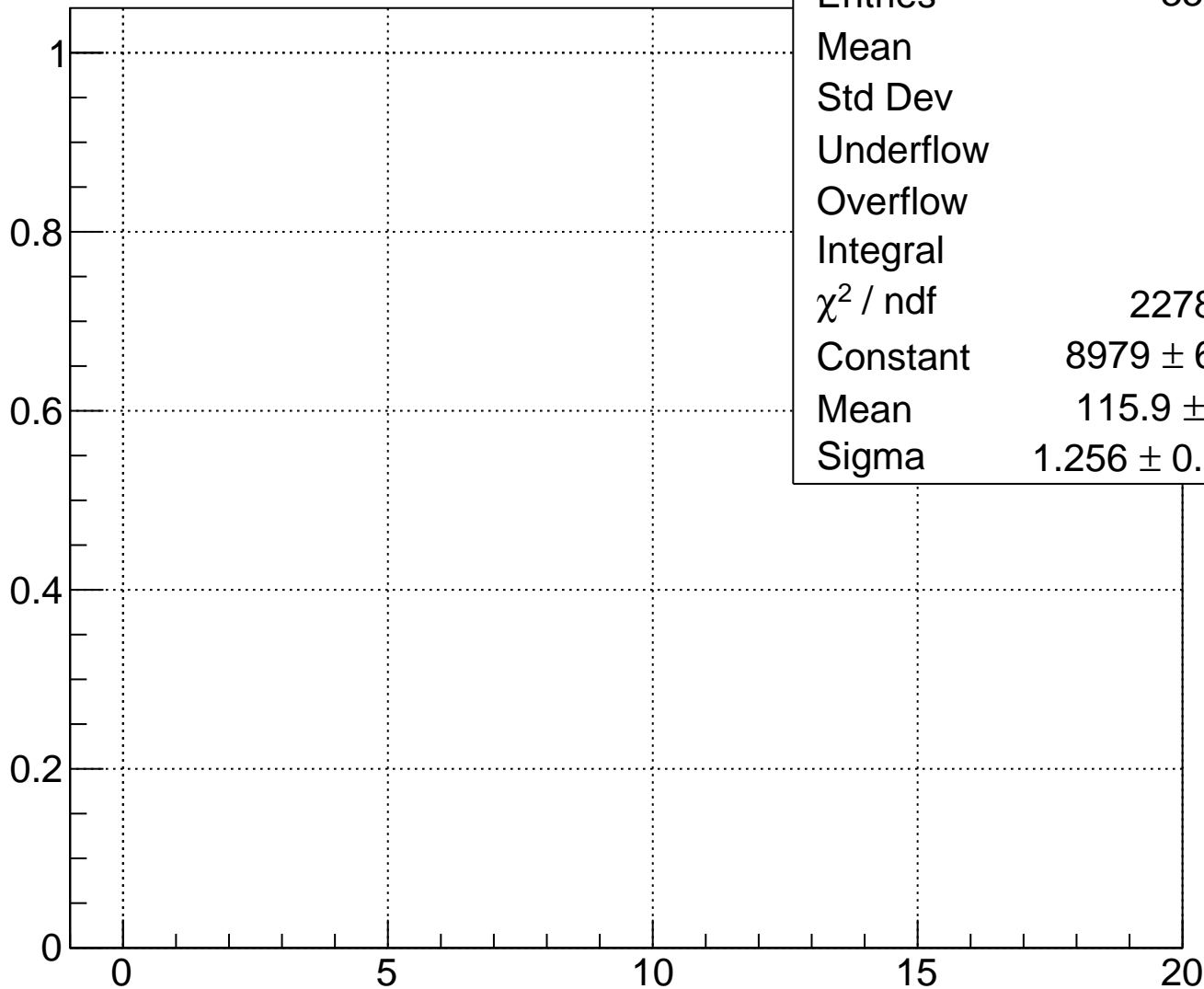
Entries	39395
Mean	0
Std Dev	0
Underflow	0
Overflow	7
Integral	0
χ^2 / ndf	642.9 / 8
Constant	9870 ± 63.4
Mean	148.5 ± 0.0
Sigma	1.533 ± 0.006

BH1UBG2

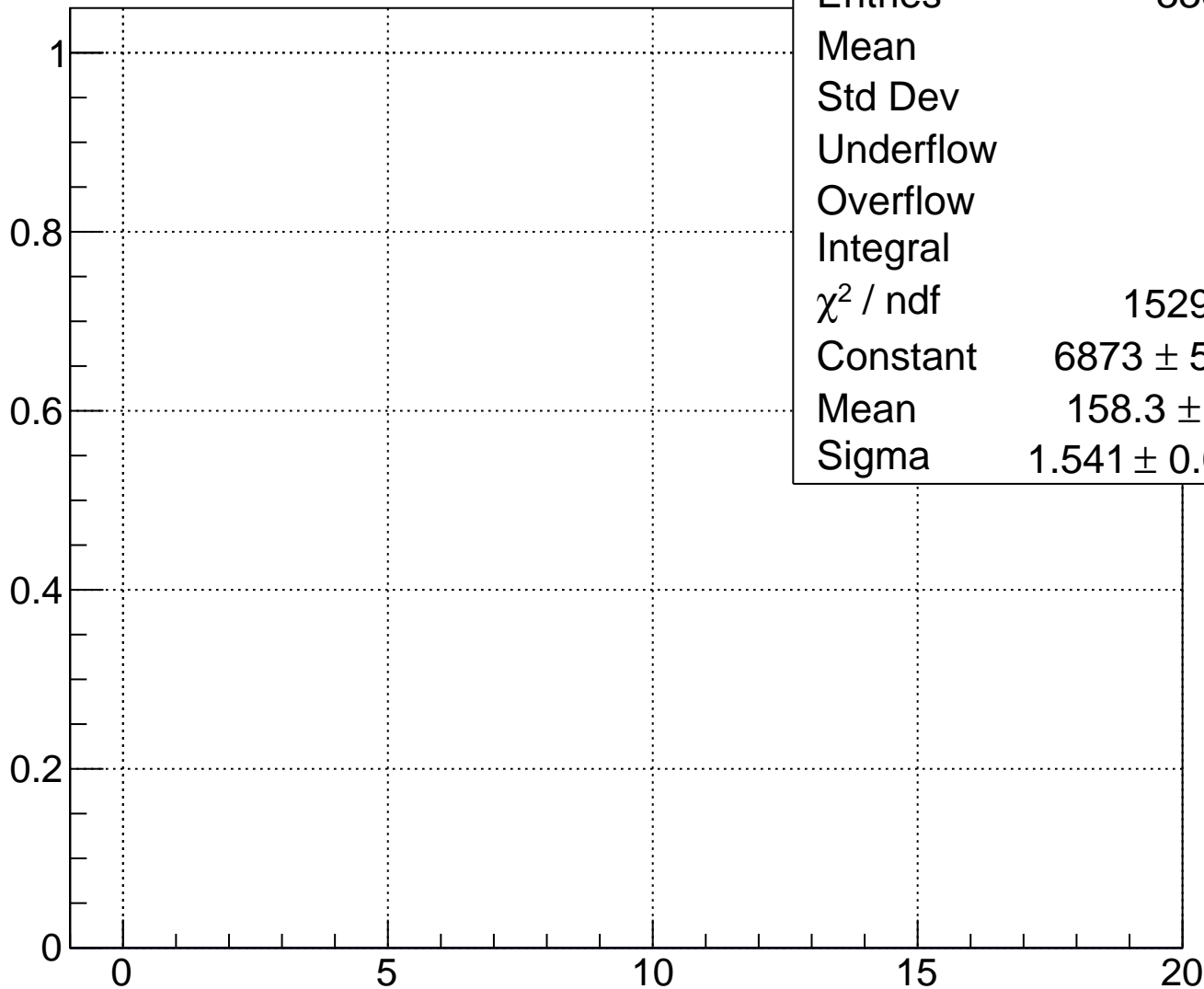


Entries	38482
Mean	0
Std Dev	0
Underflow	0
Overflow	67
Integral	0
χ^2 / ndf	1024 / 8
Constant	9599 ± 69.1
Mean	117.5 ± 0.0
Sigma	1.443 ± 0.007

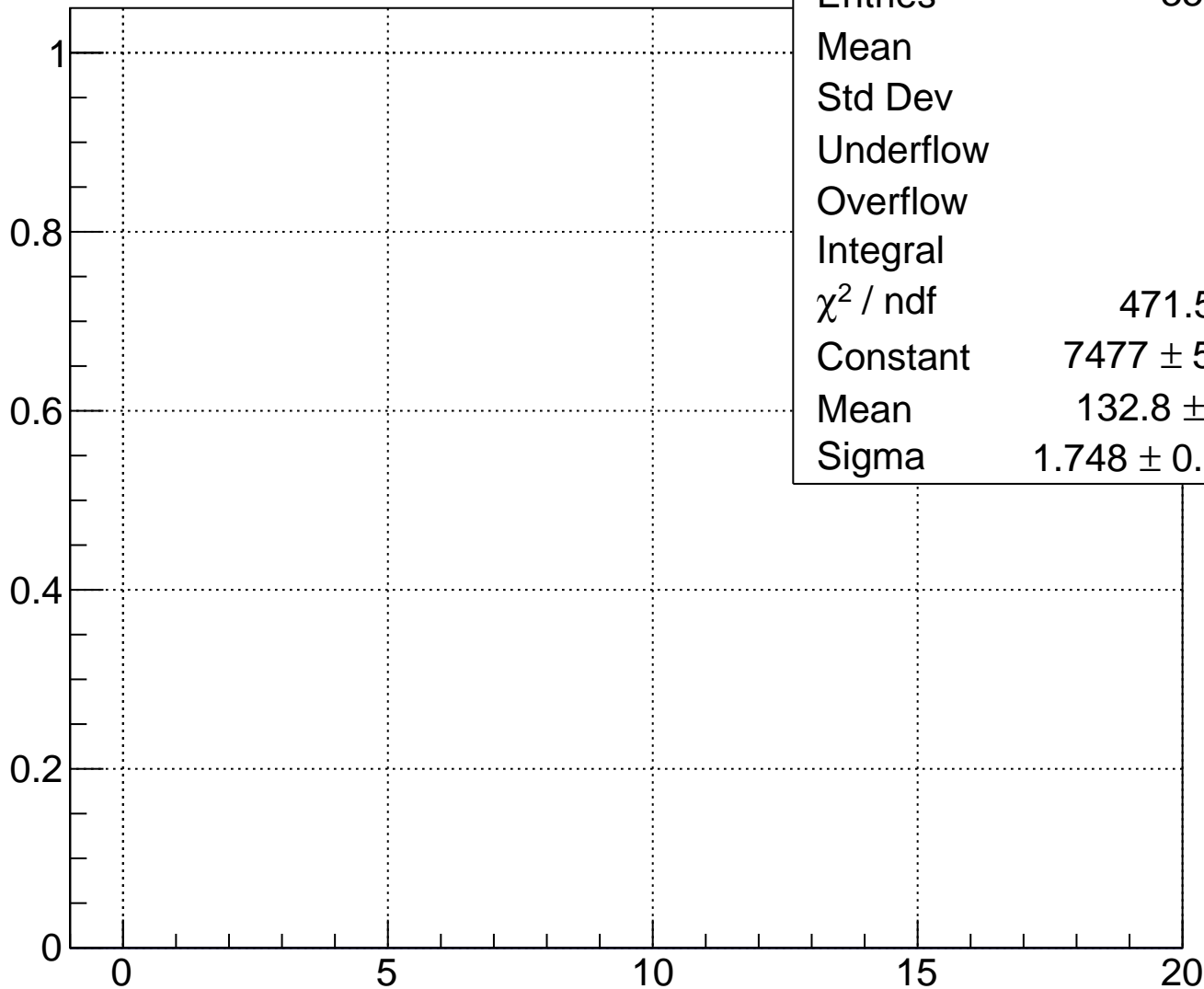
BH1UBG3



BH1UBG4

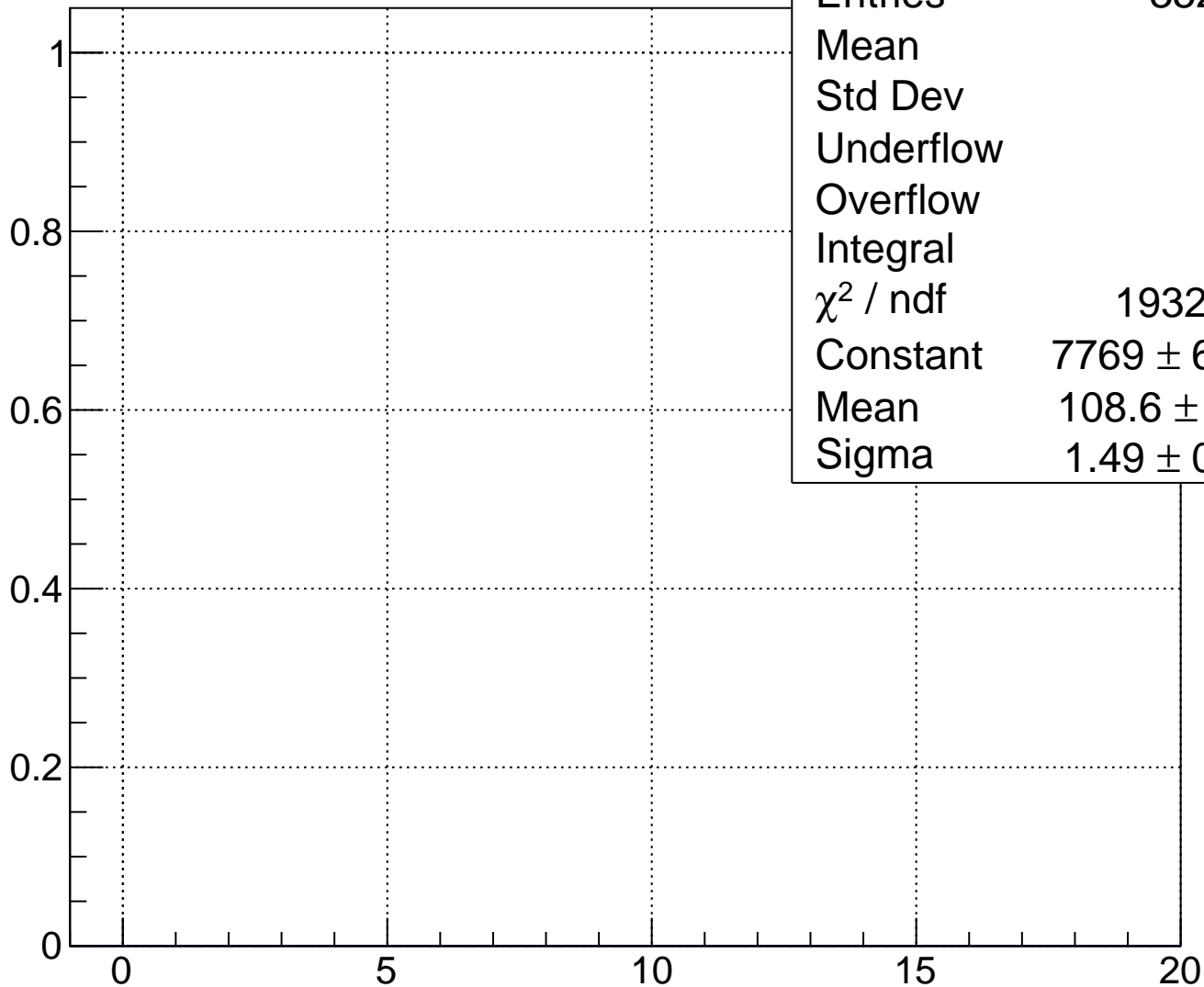


BH1UBG5

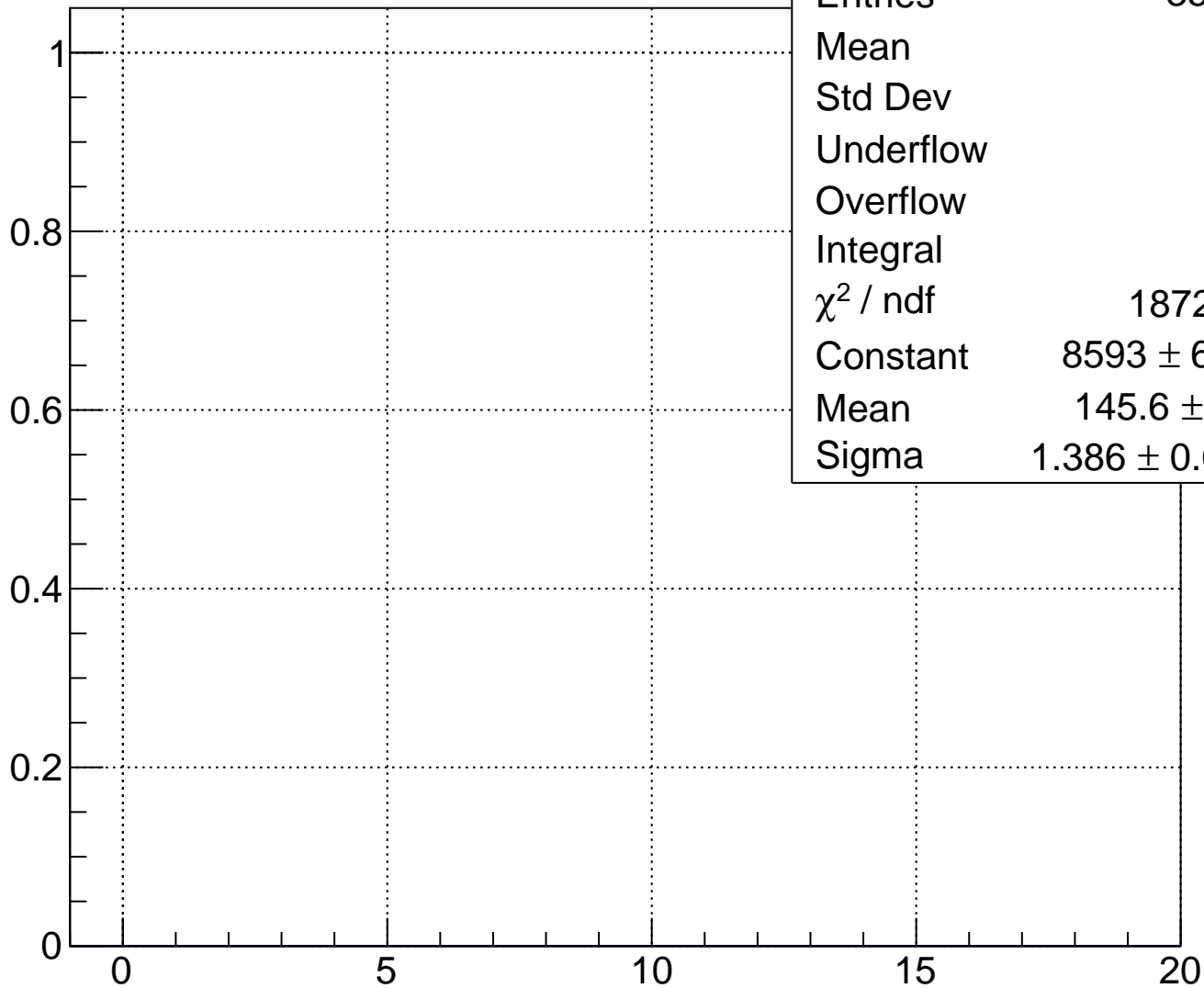


Entries	35067
Mean	0
Std Dev	0
Underflow	0
Overflow	1
Integral	0
χ^2 / ndf	471.5 / 8
Constant	7477 ± 50.7
Mean	132.8 ± 0.0
Sigma	1.748 ± 0.007

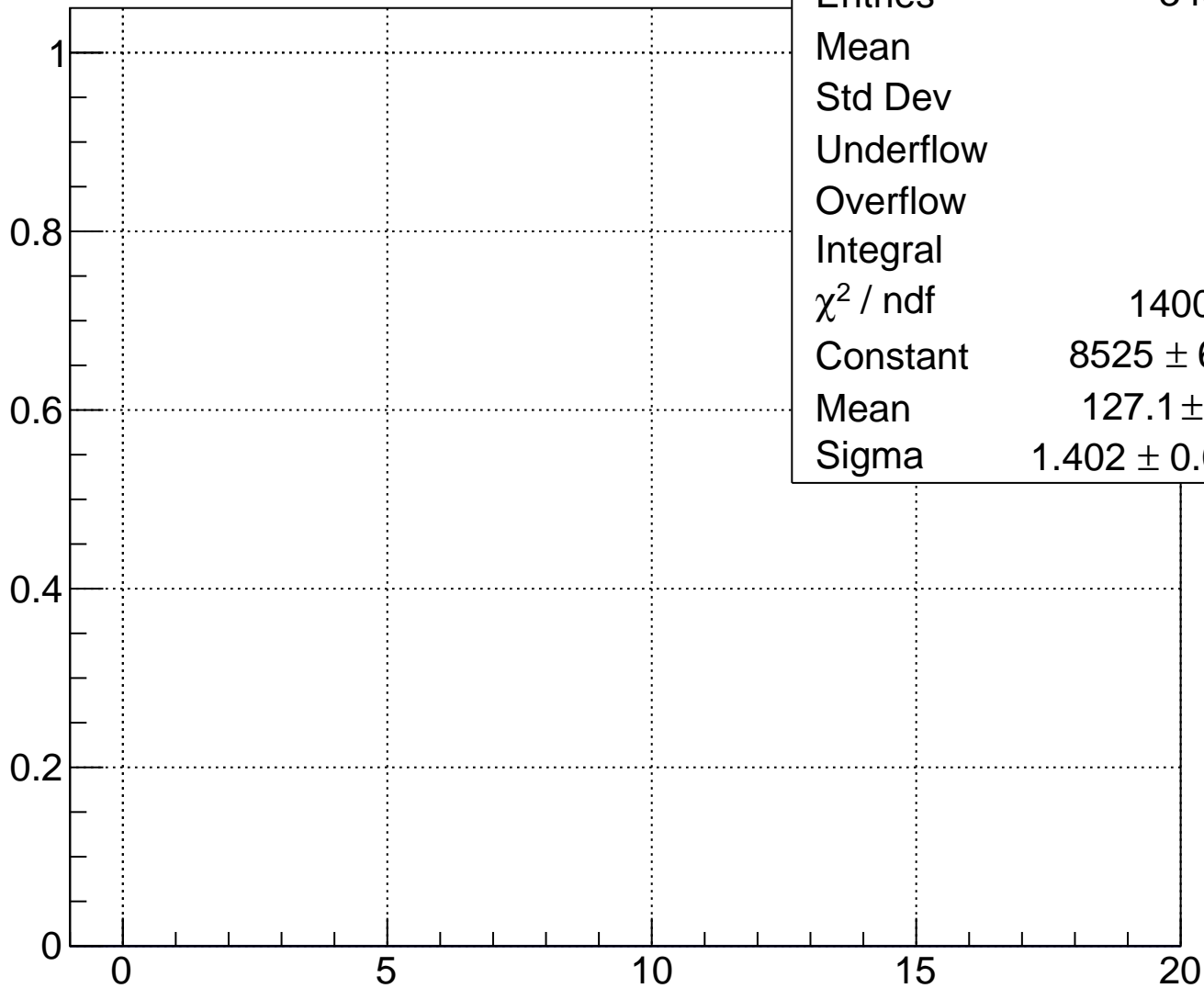
BH1UBG6



BH1UBG7

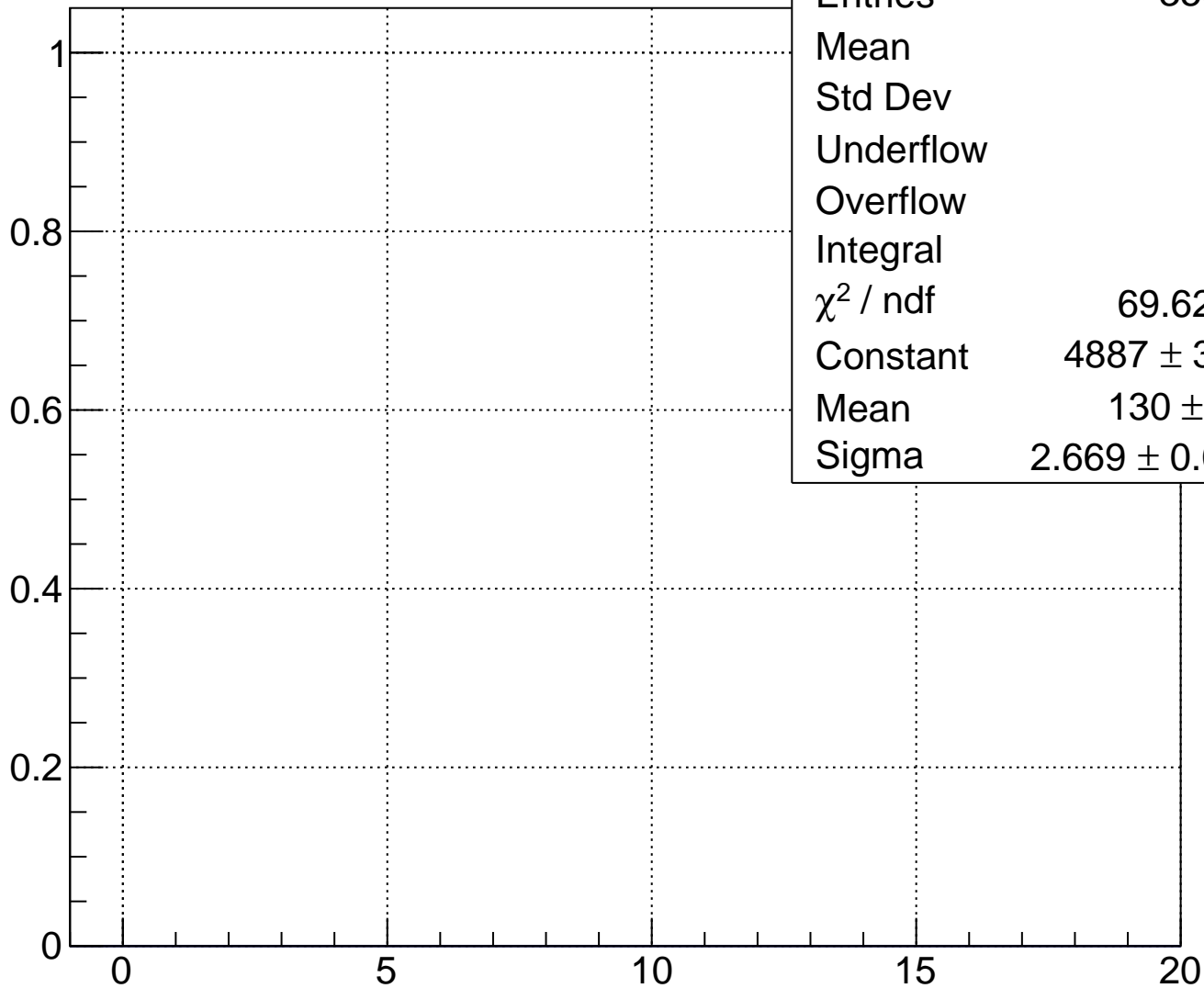


BH1UBG8

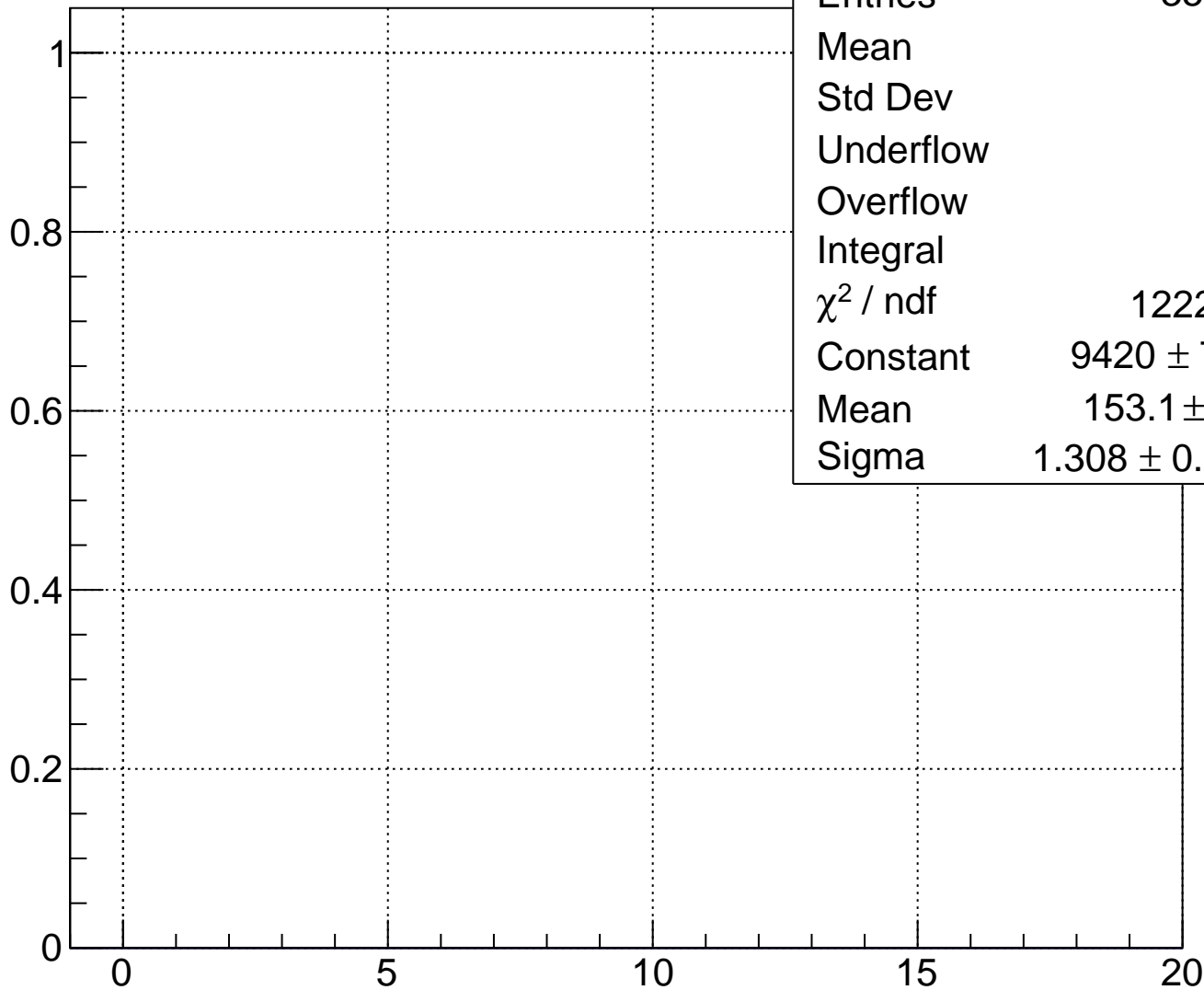


Entries	34949
Mean	0
Std Dev	0
Underflow	0
Overflow	7
Integral	0
χ^2 / ndf	1400 / 8
Constant	8525 ± 65.1
Mean	127.1 ± 0.0
Sigma	1.402 ± 0.007

BH1UBG9

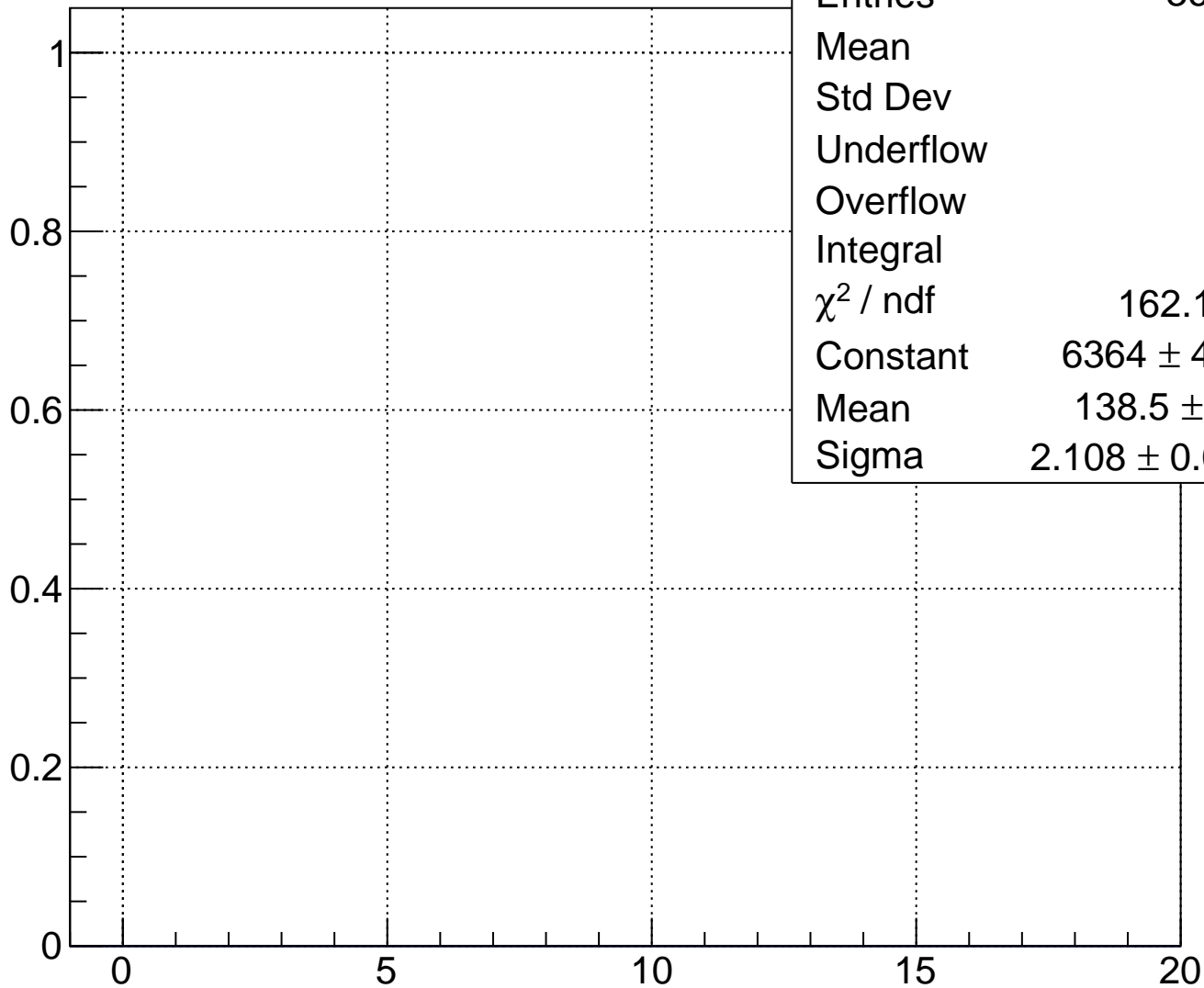


BH1UBG10

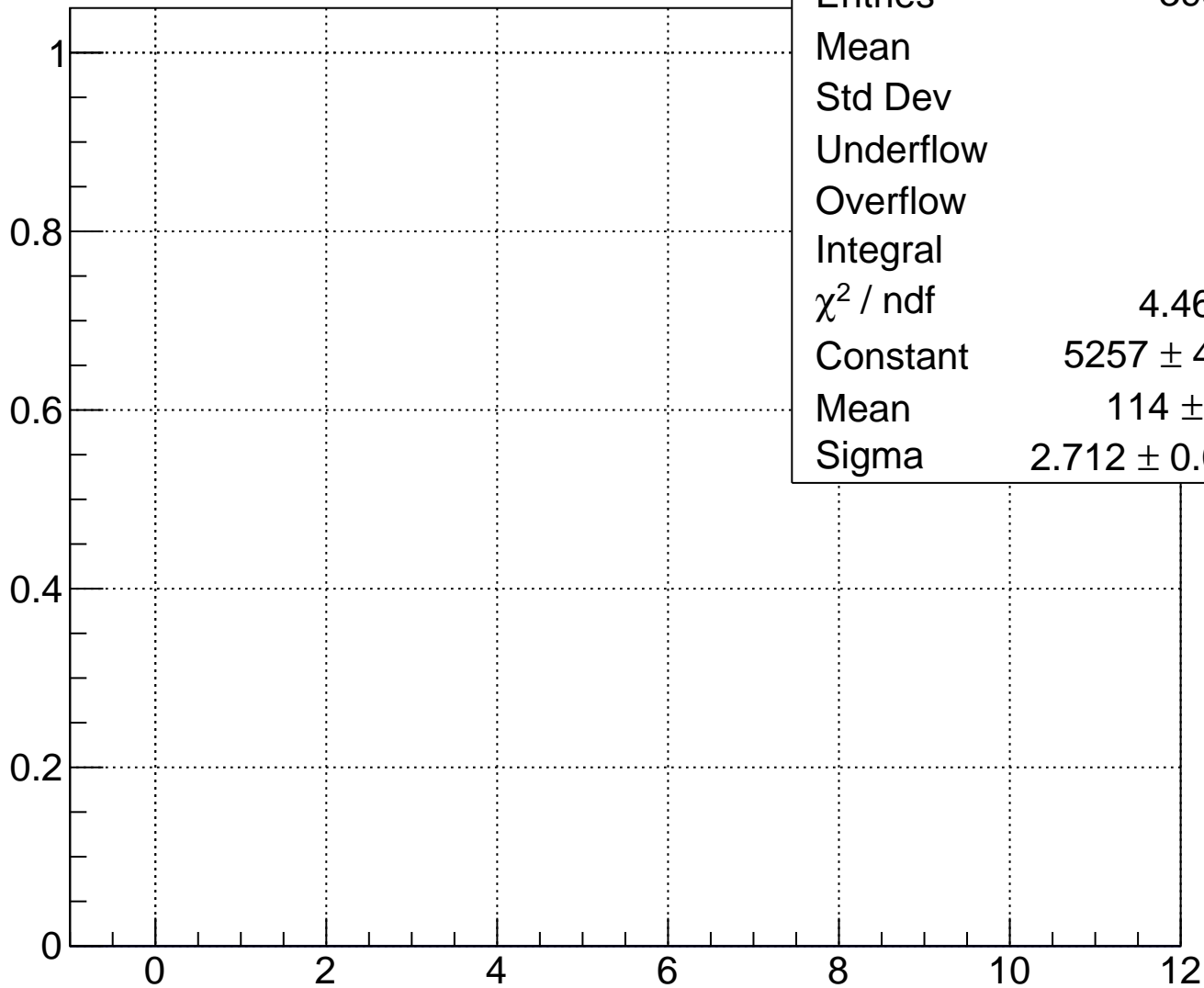


Entries	35335
Mean	0
Std Dev	0
Underflow	0
Overflow	316
Integral	0
χ^2 / ndf	1222 / 8
Constant	9420 ± 71.1
Mean	153.1 ± 0.0
Sigma	1.308 ± 0.006

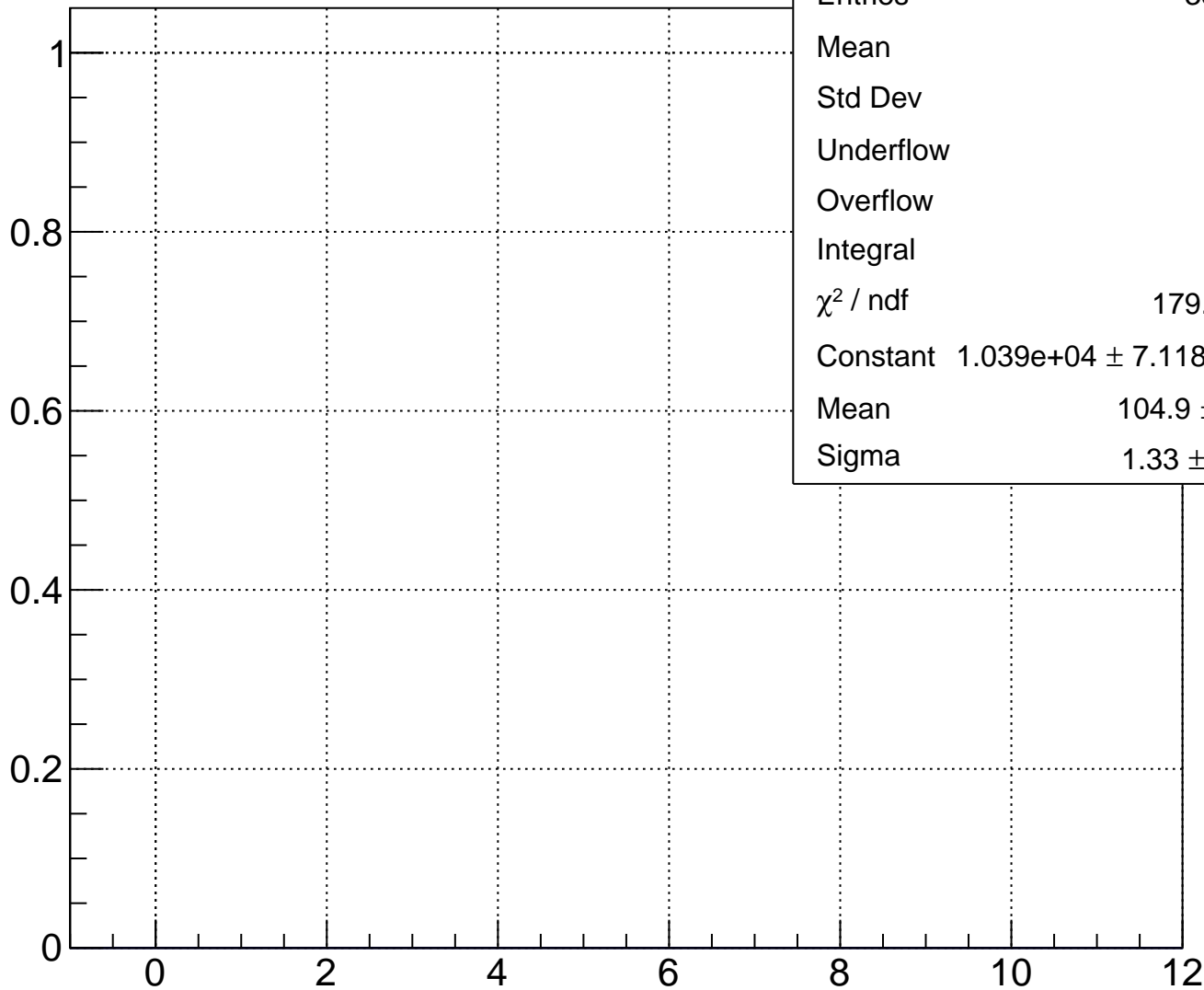
BH1UBG11



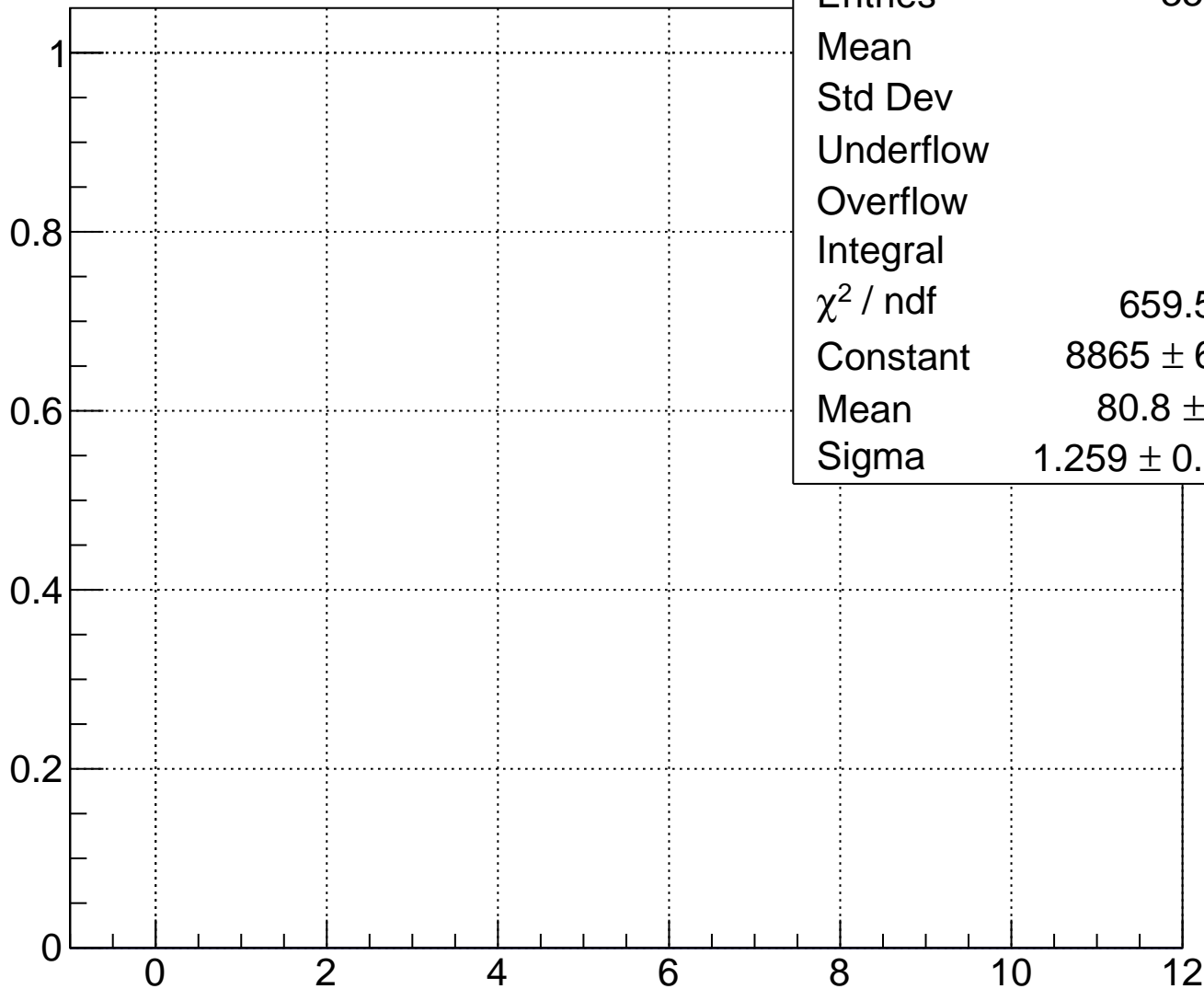
BH1DBG1



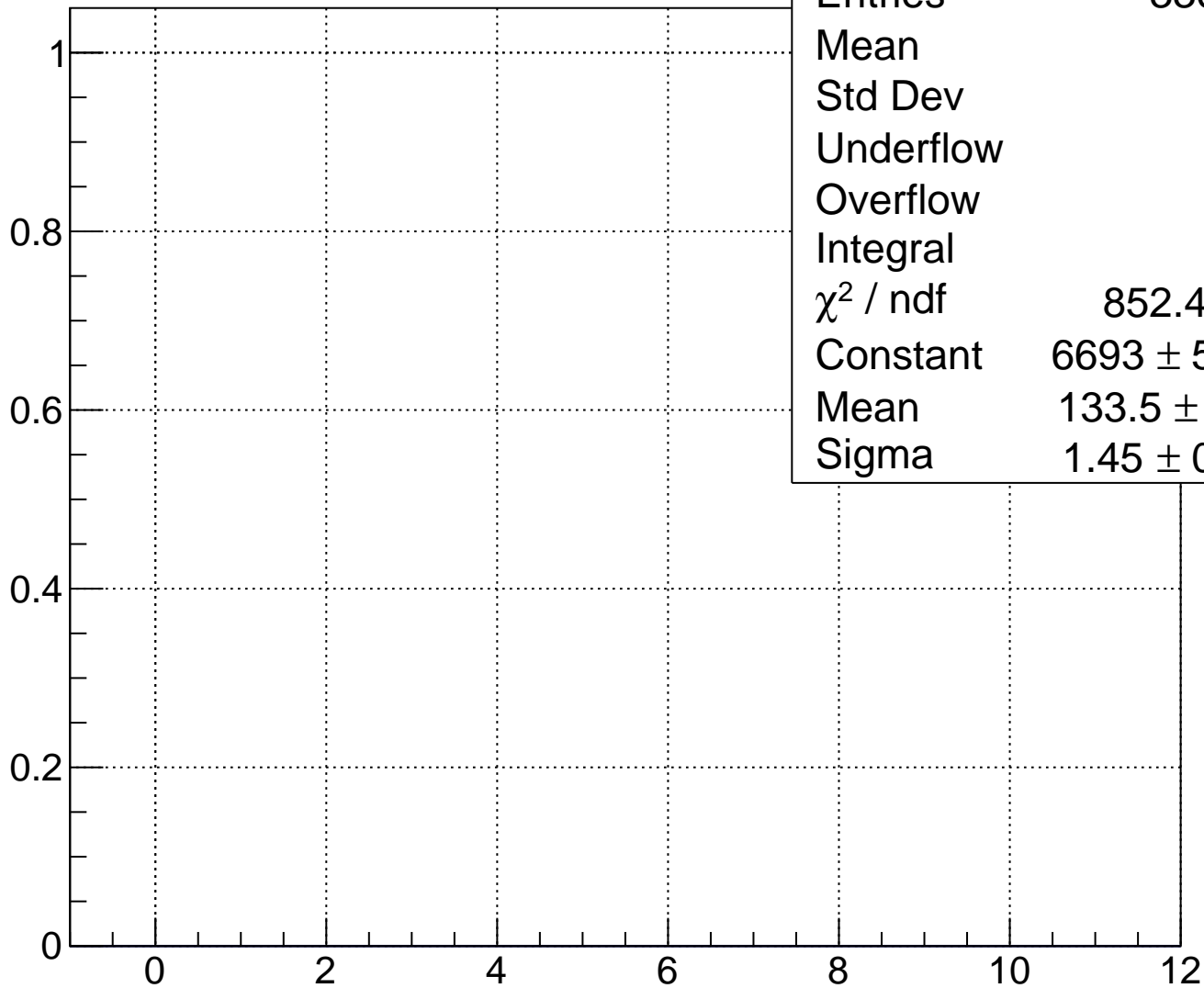
BH1DBG2



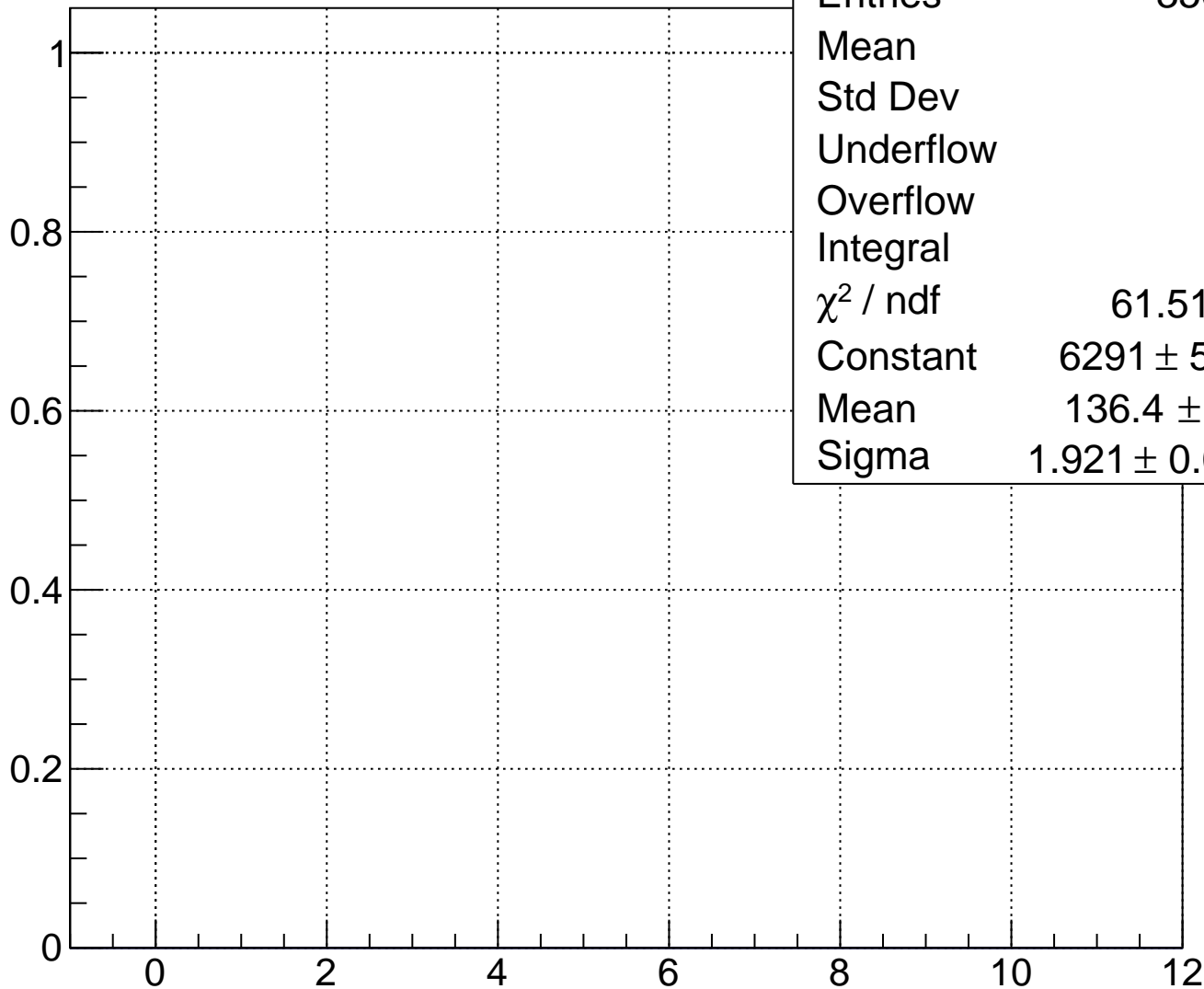
BH1DBG3



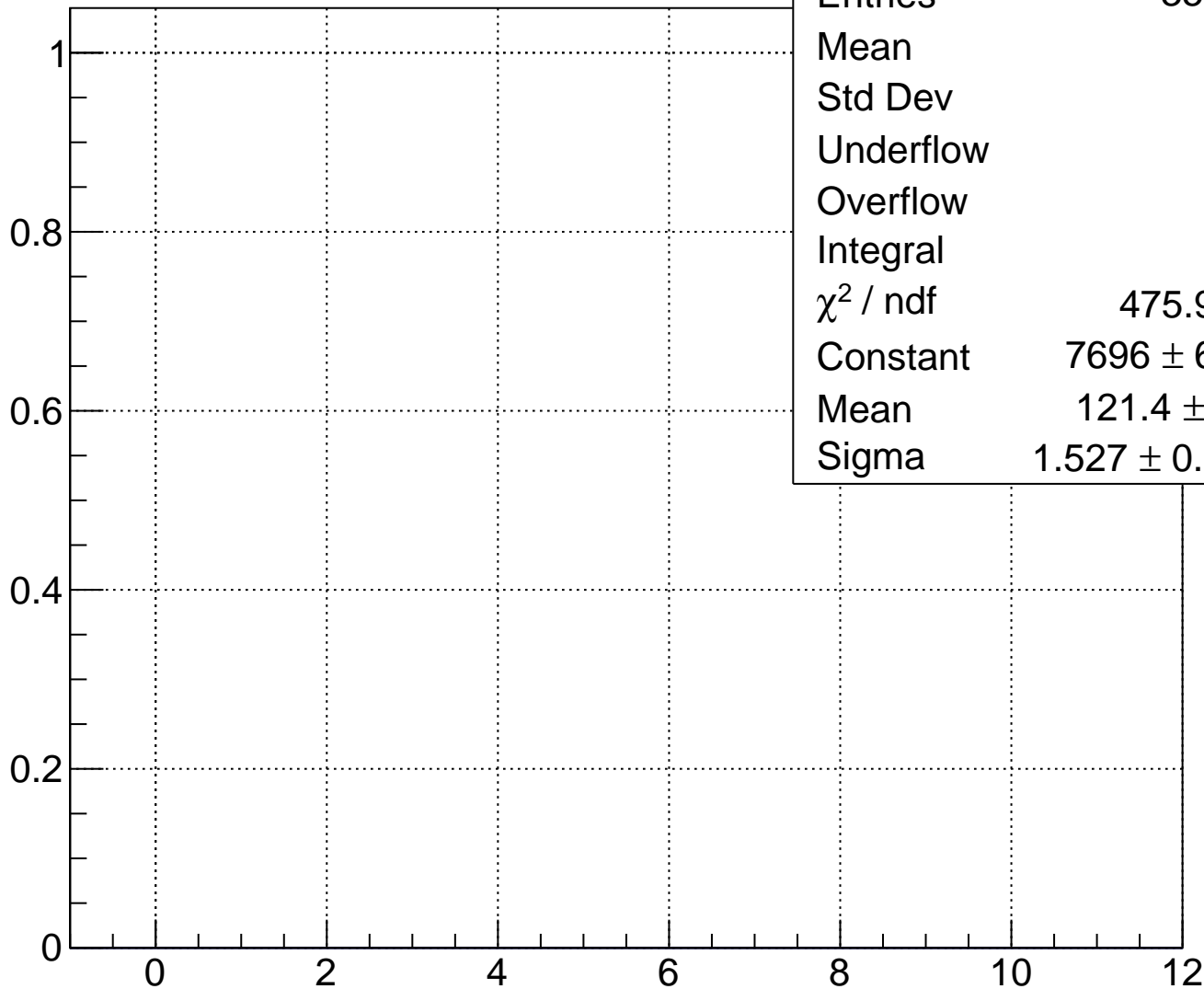
BH1DBG4



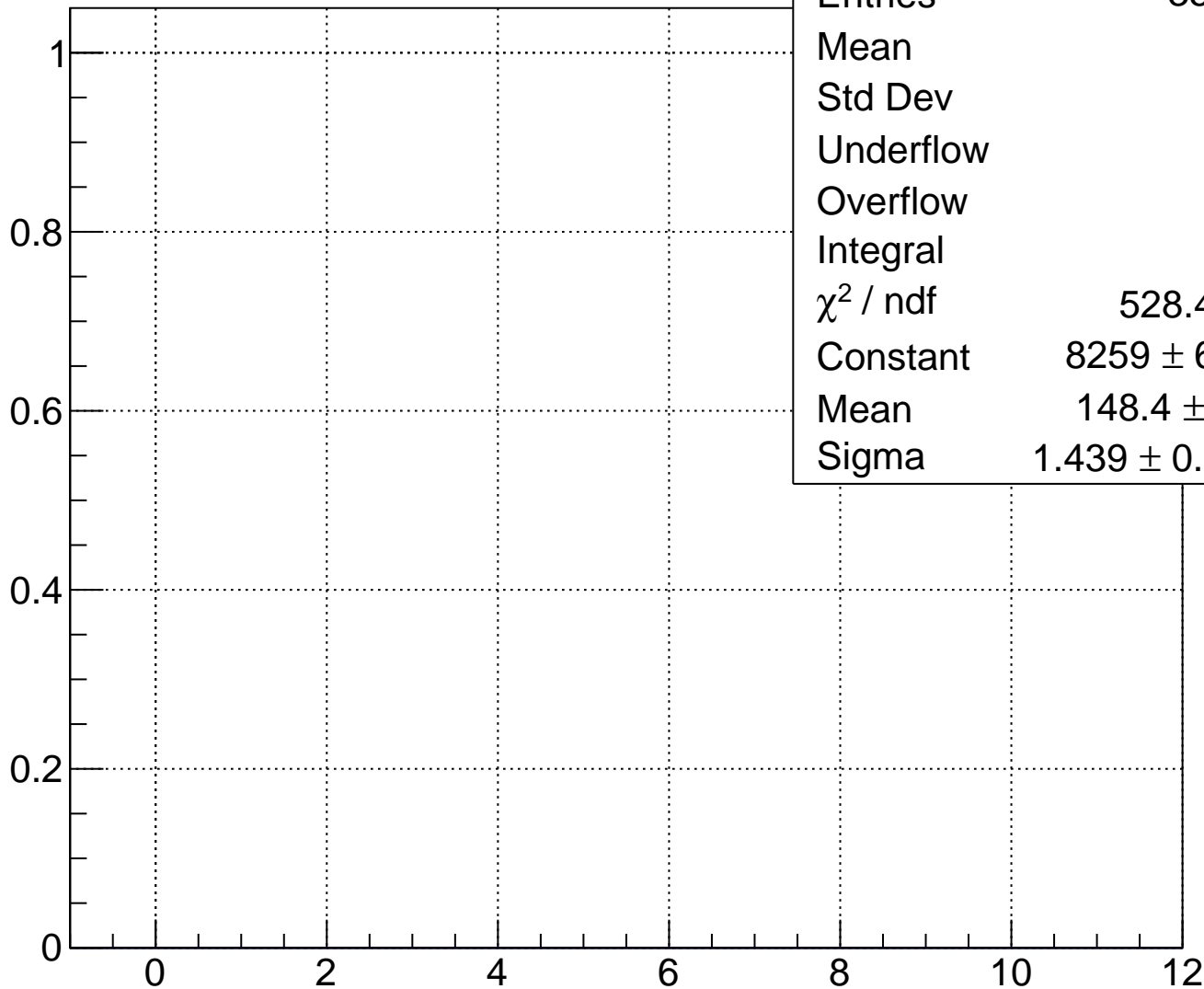
BH1DBG5



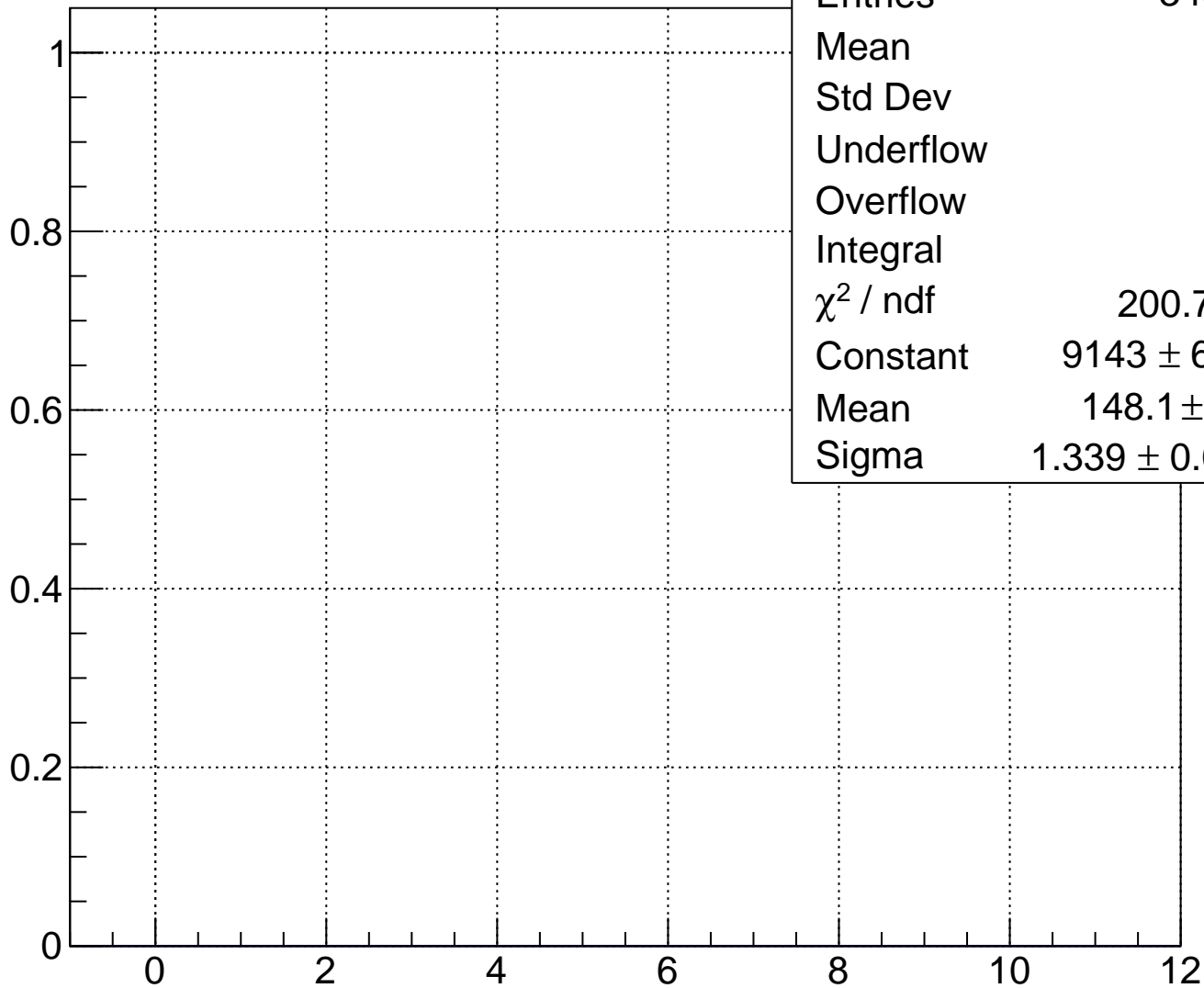
BH1DBG6



BH1DBG7

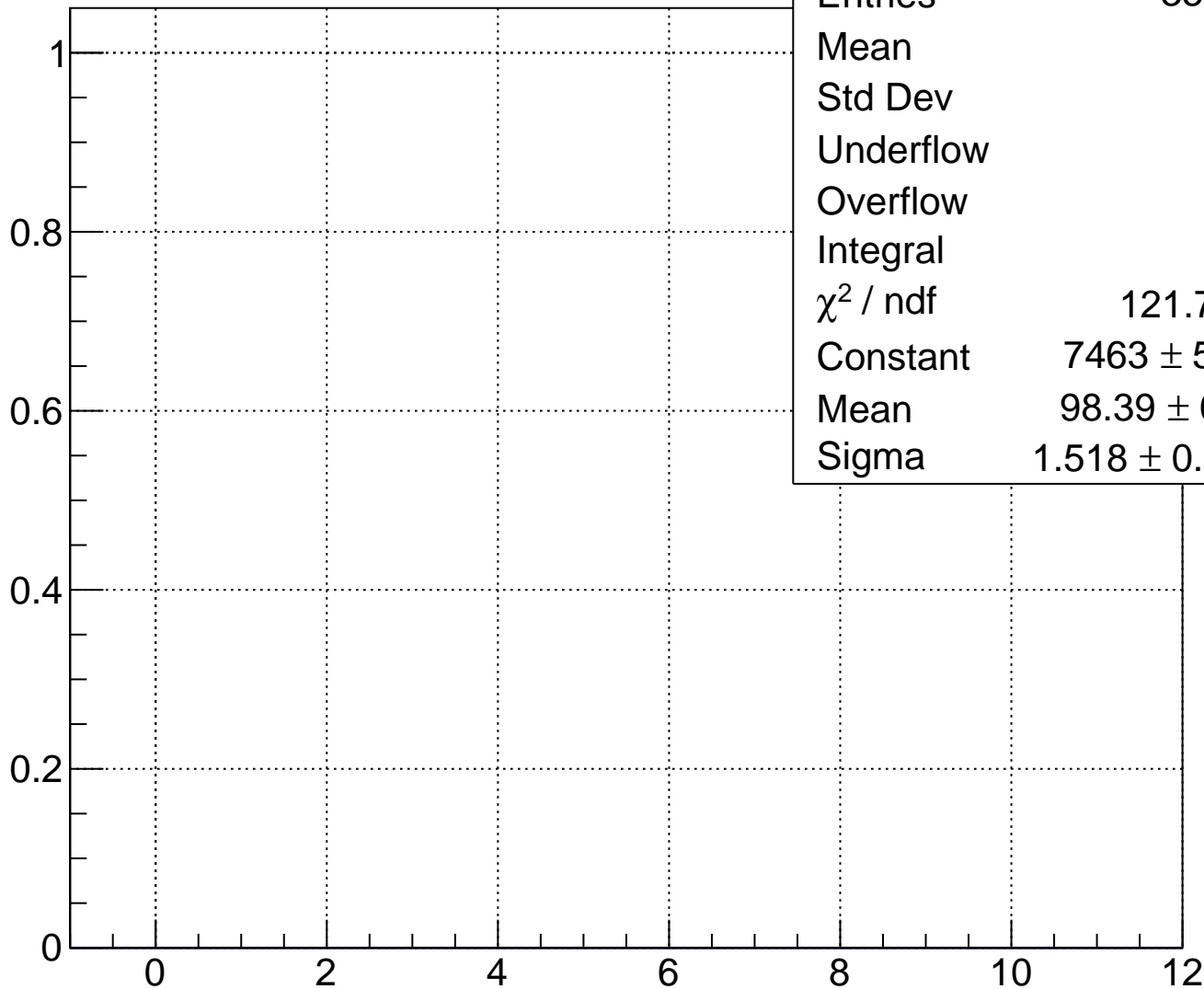


BH1DBG8

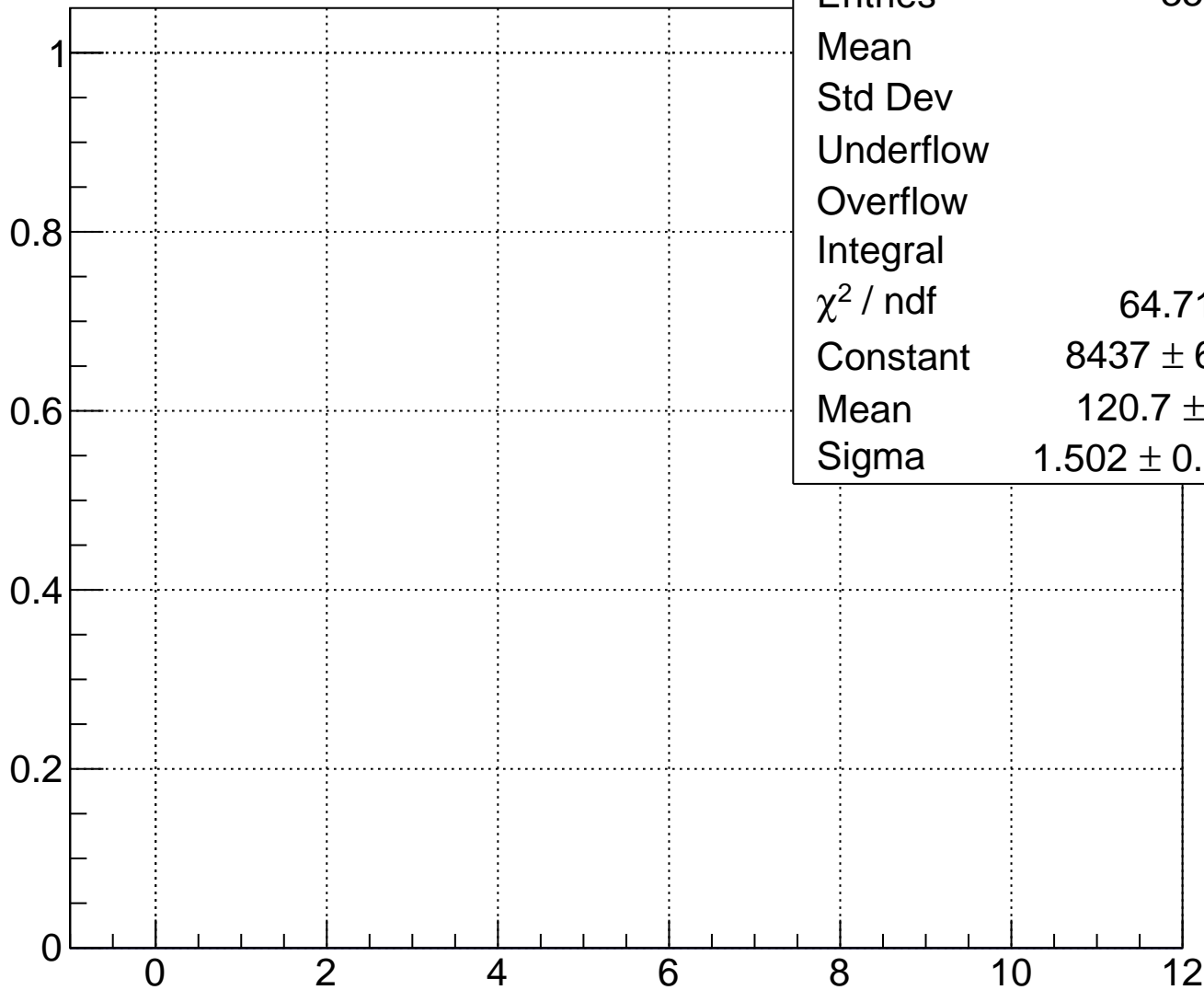


Entries	34949
Mean	0
Std Dev	0
Underflow	0
Overflow	1
Integral	0
χ^2 / ndf	200.7 / 4
Constant	9143 ± 66.7
Mean	148.1 ± 0.0
Sigma	1.339 ± 0.007

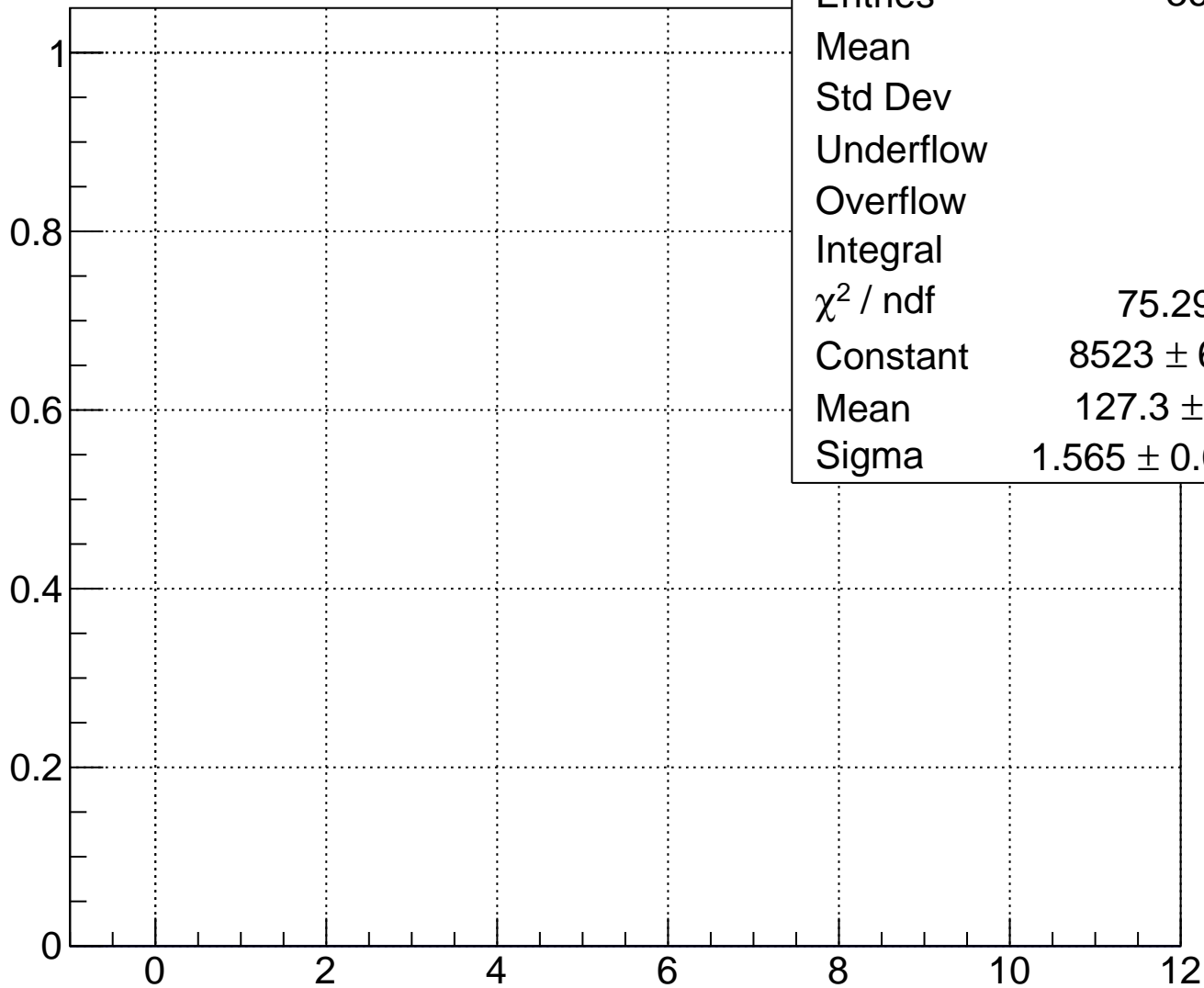
BH1DBG9



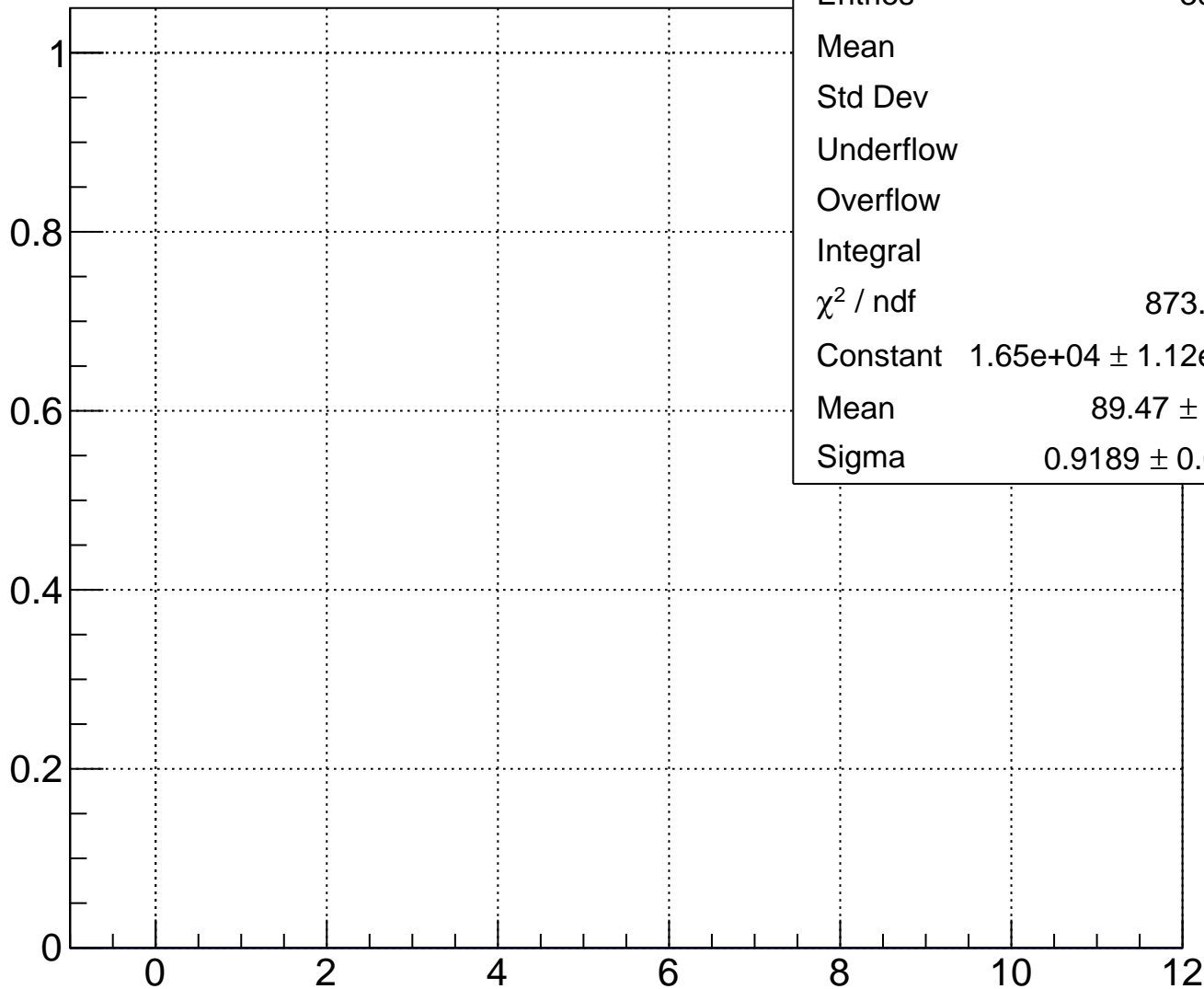
BH1DBG10



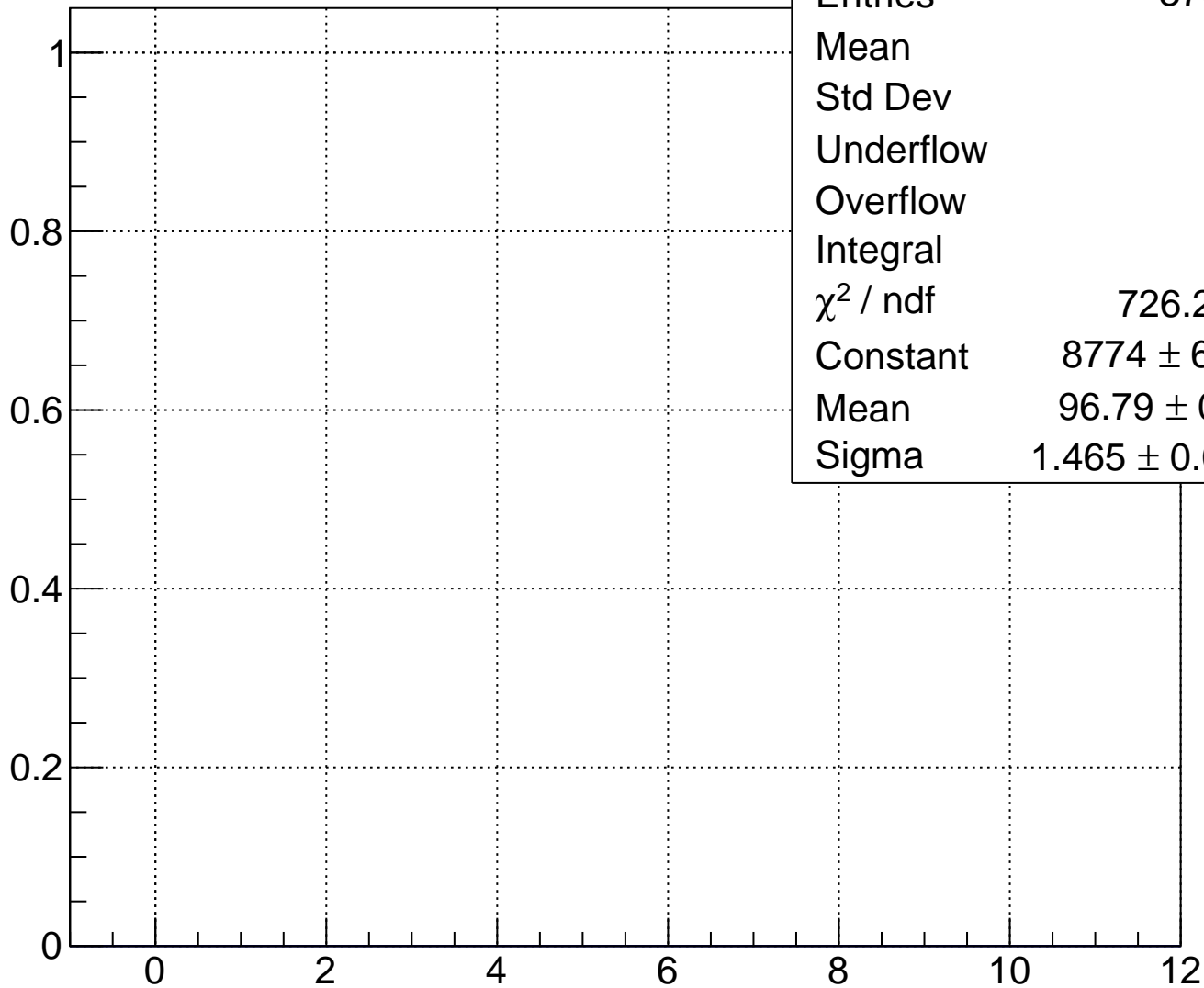
BH1DBG11



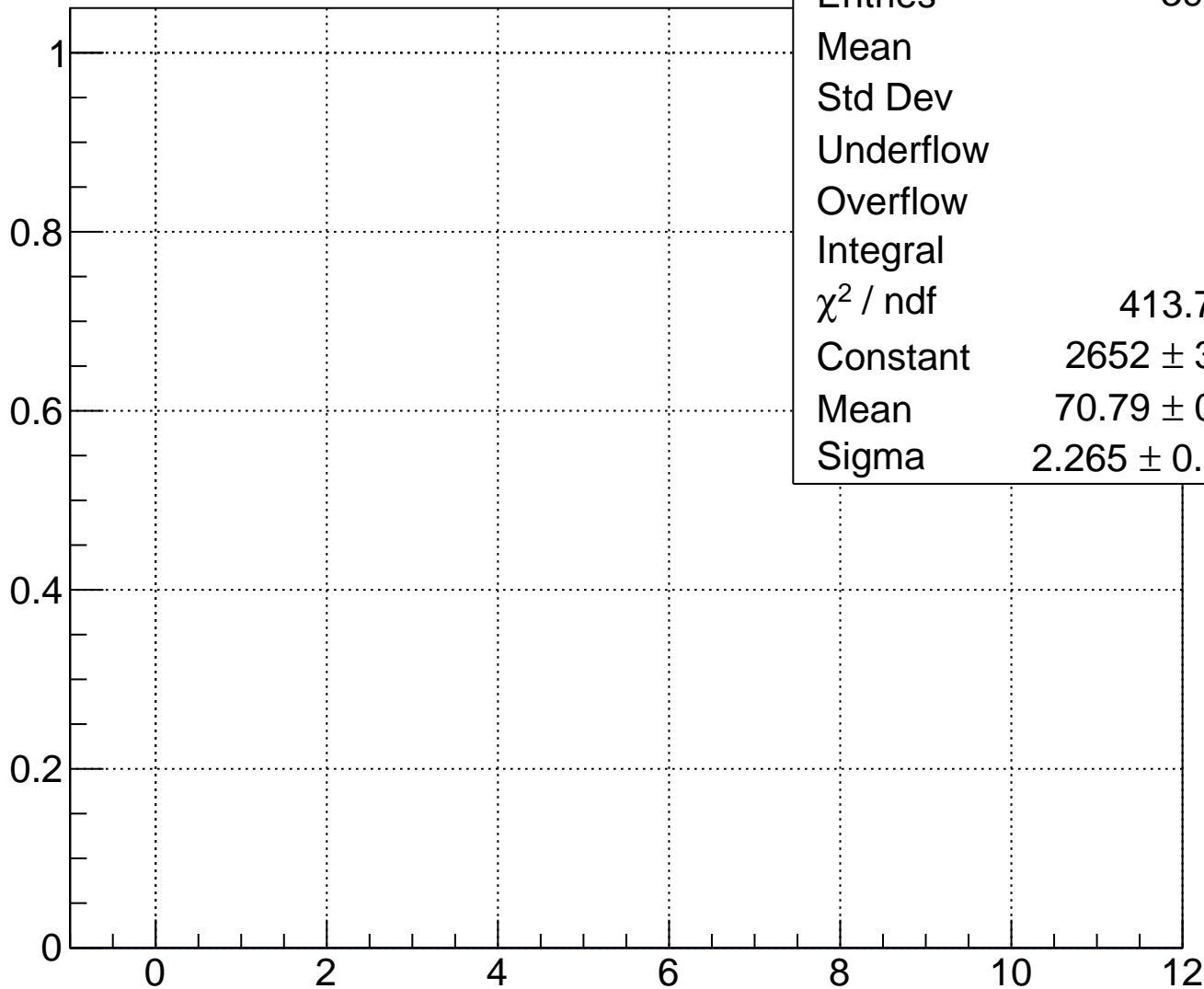
BH2UBG1



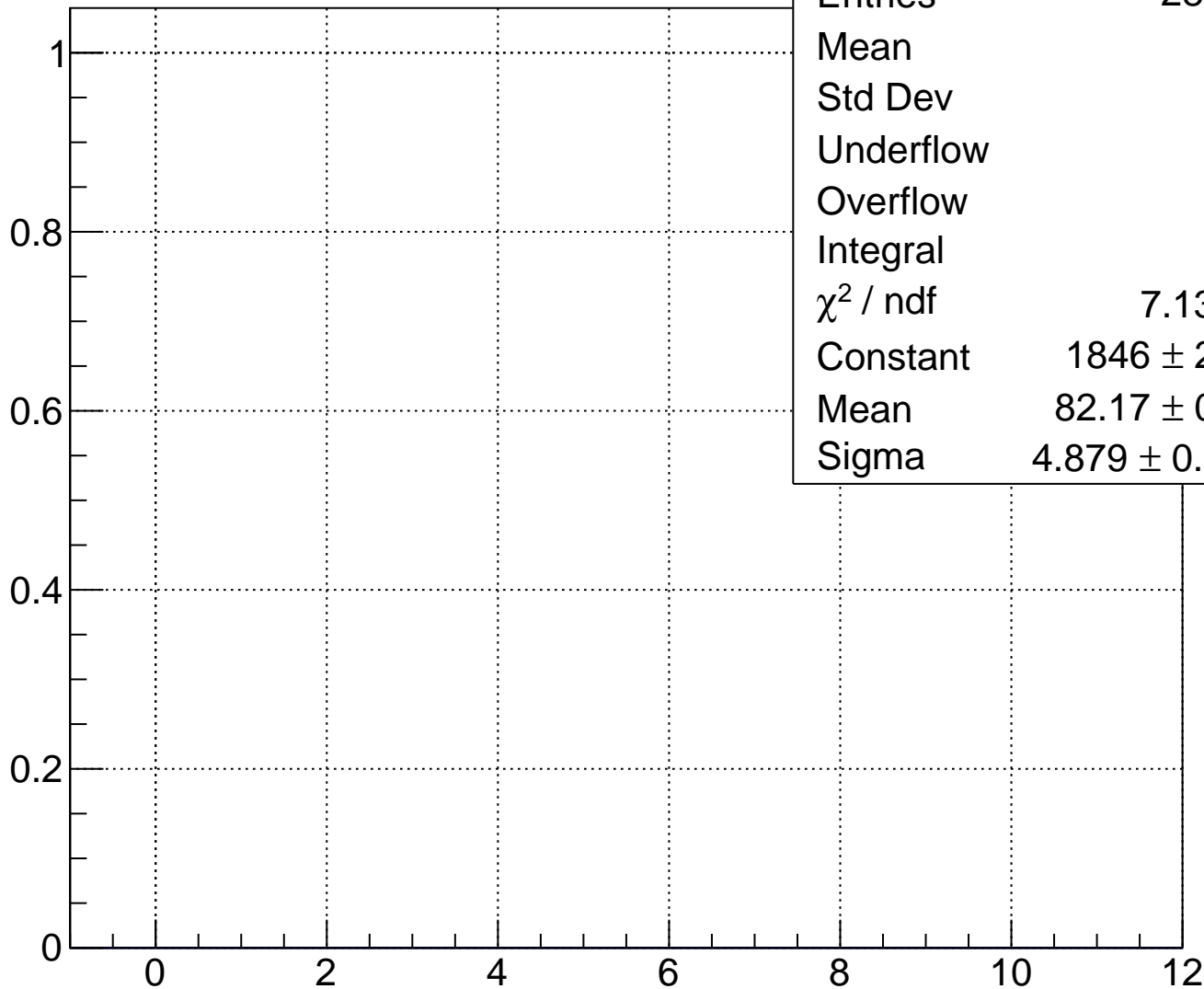
BH2UBG2



BH2UBG3

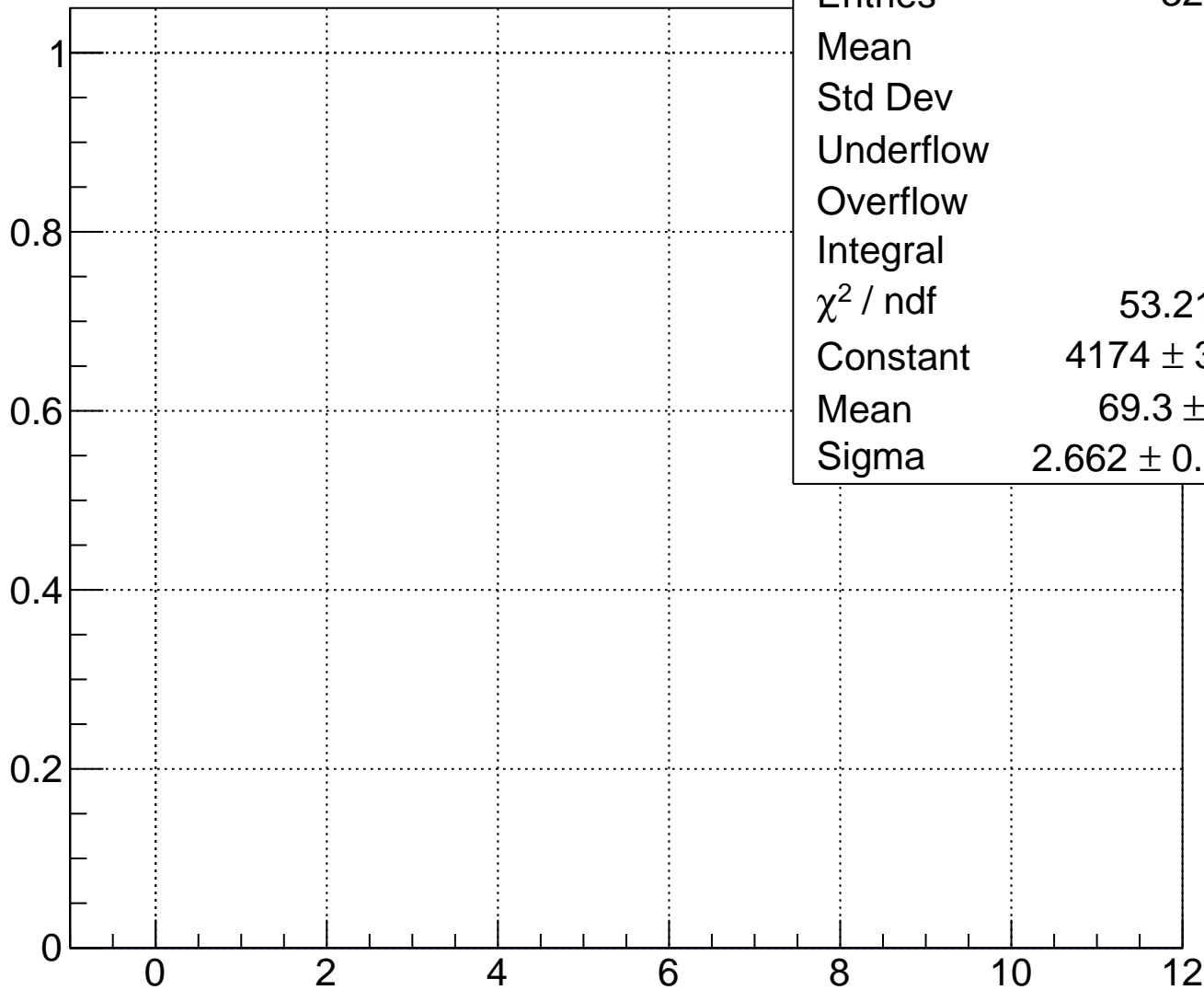


BH2UBG4

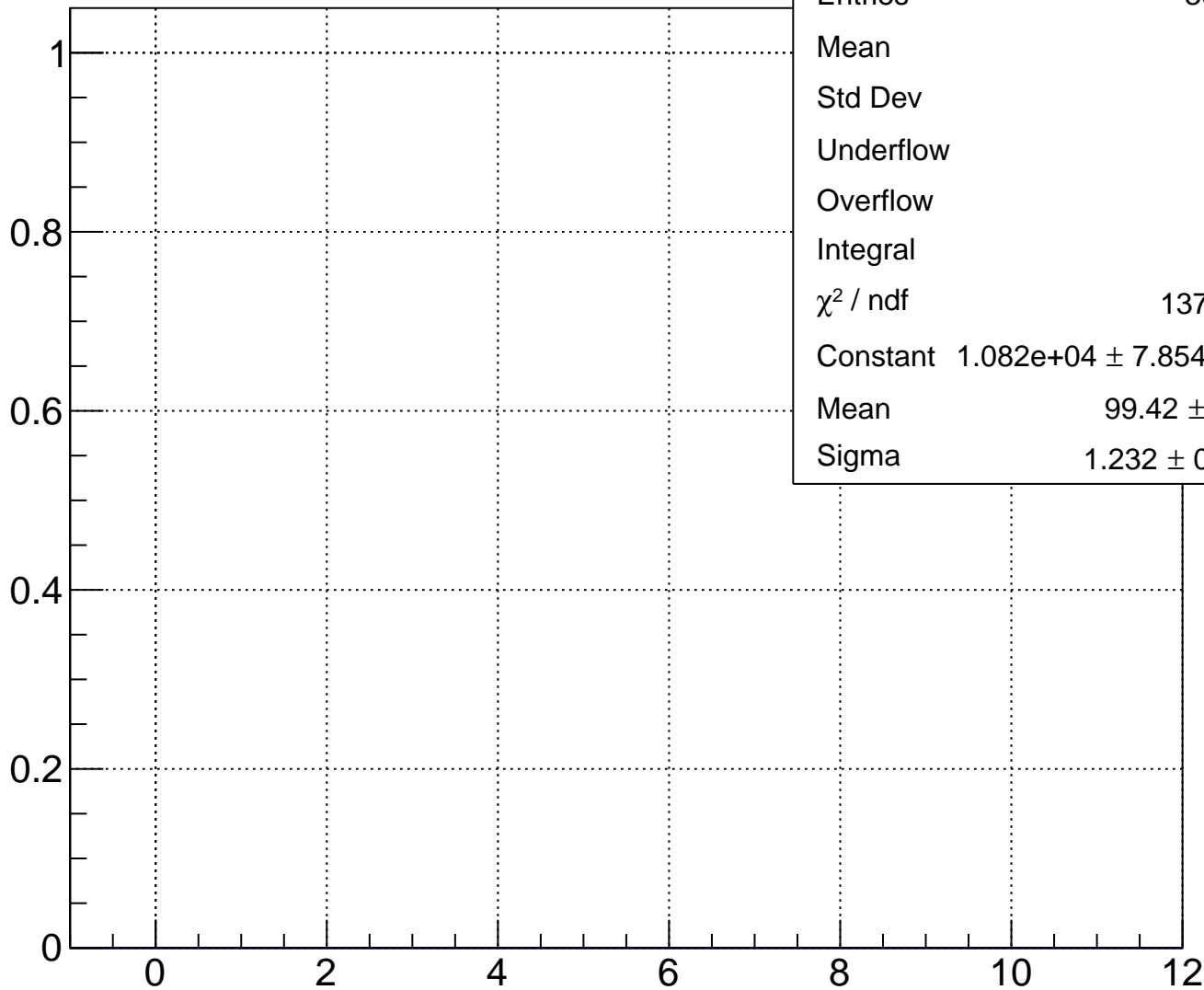


Entries	28340
Mean	0
Std Dev	0
Underflow	0
Overflow	0
Integral	0
χ^2 / ndf	7.13 / 4
Constant	1846 ± 24.9
Mean	82.17 ± 0.12
Sigma	4.879 ± 0.312

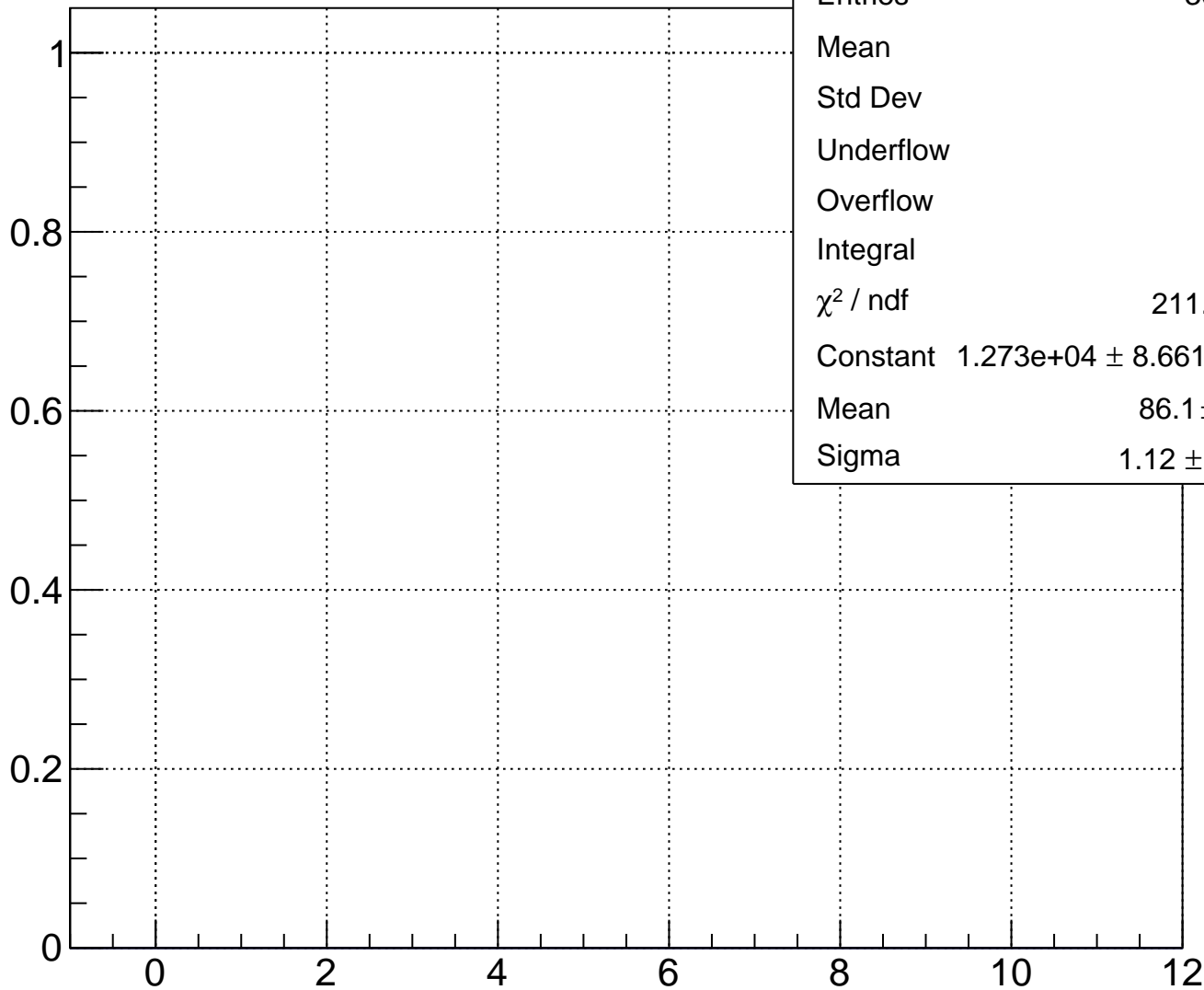
BH2UBG5



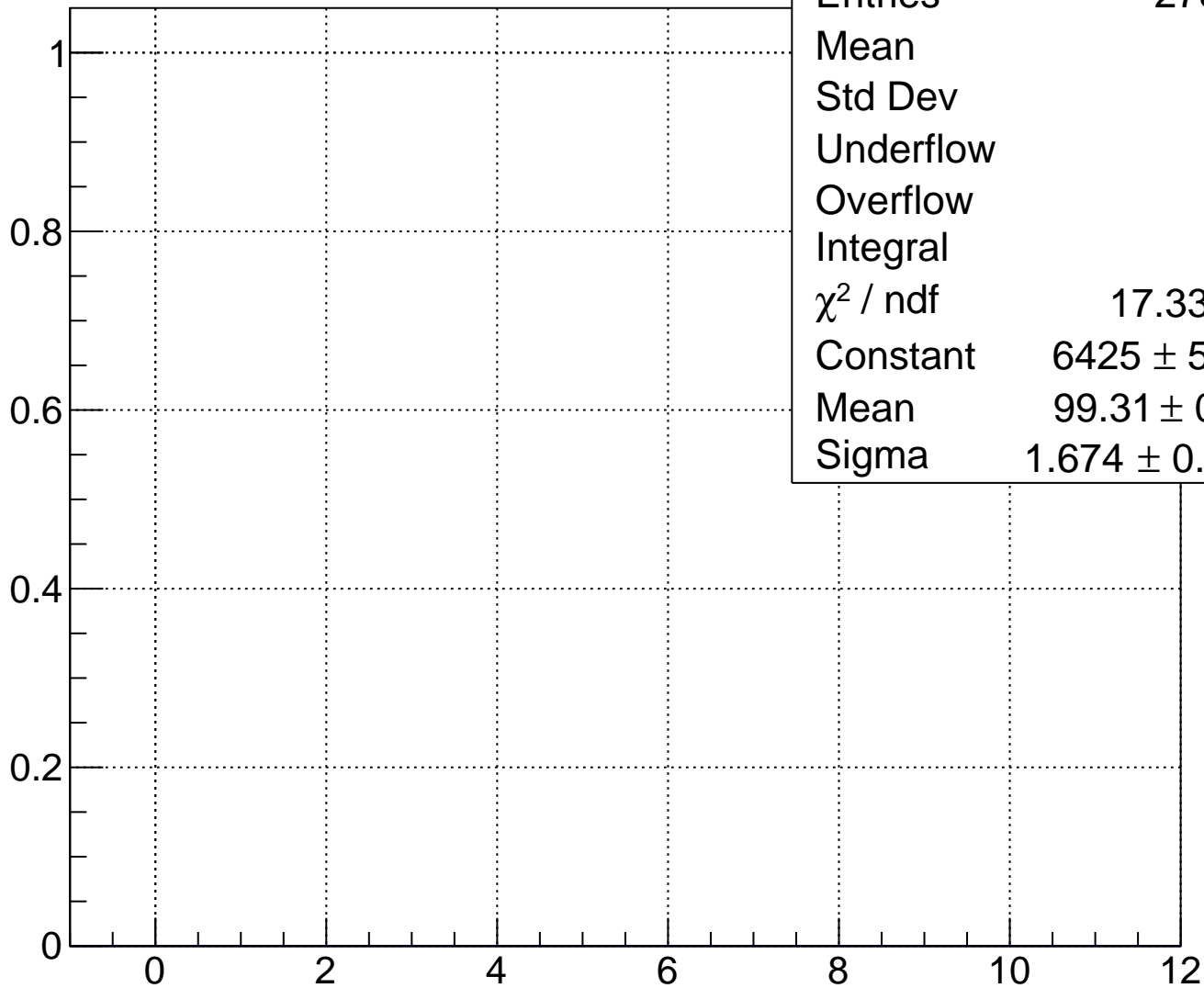
BH2UBG6



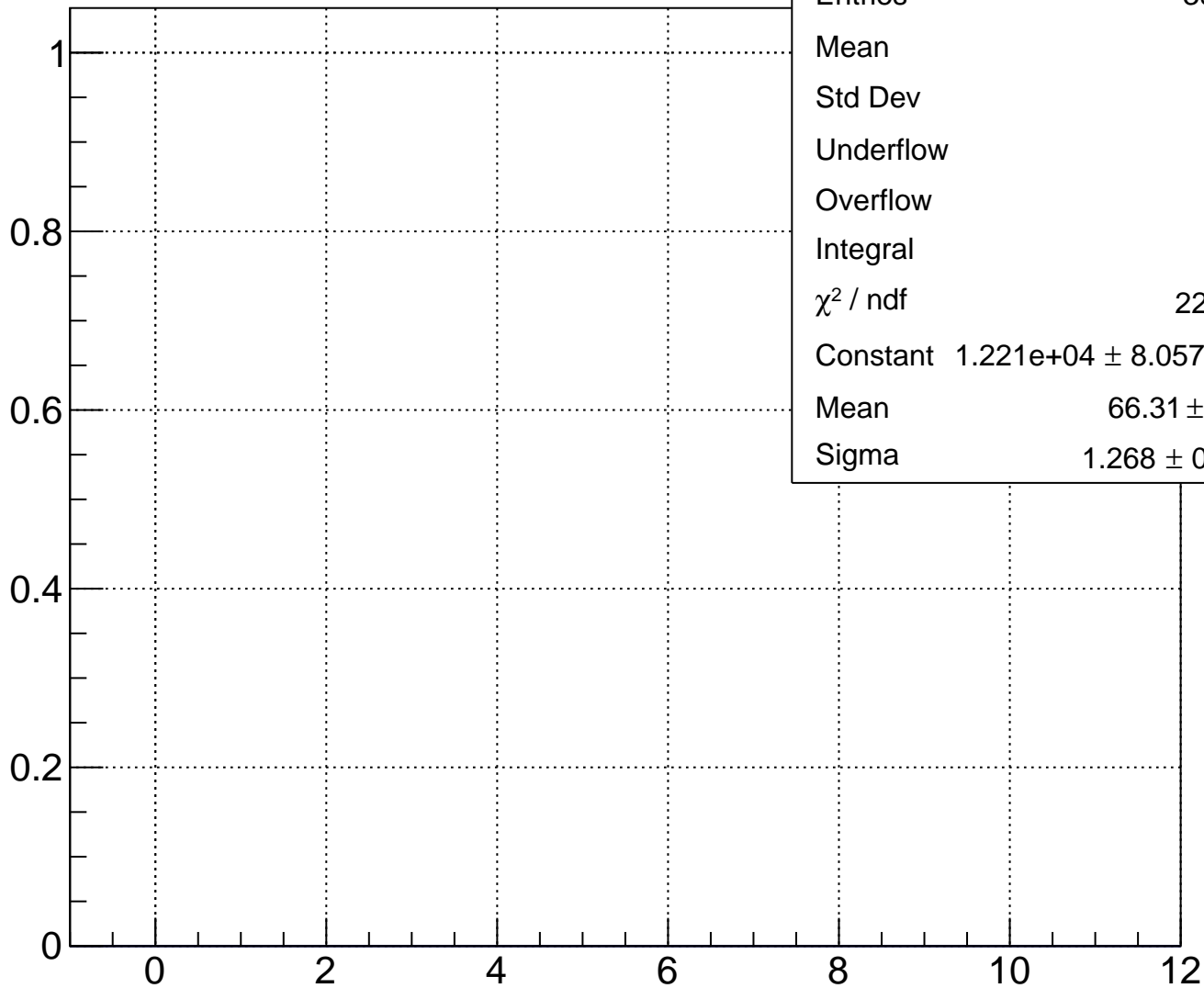
BH2UBG7



BH2UBG8

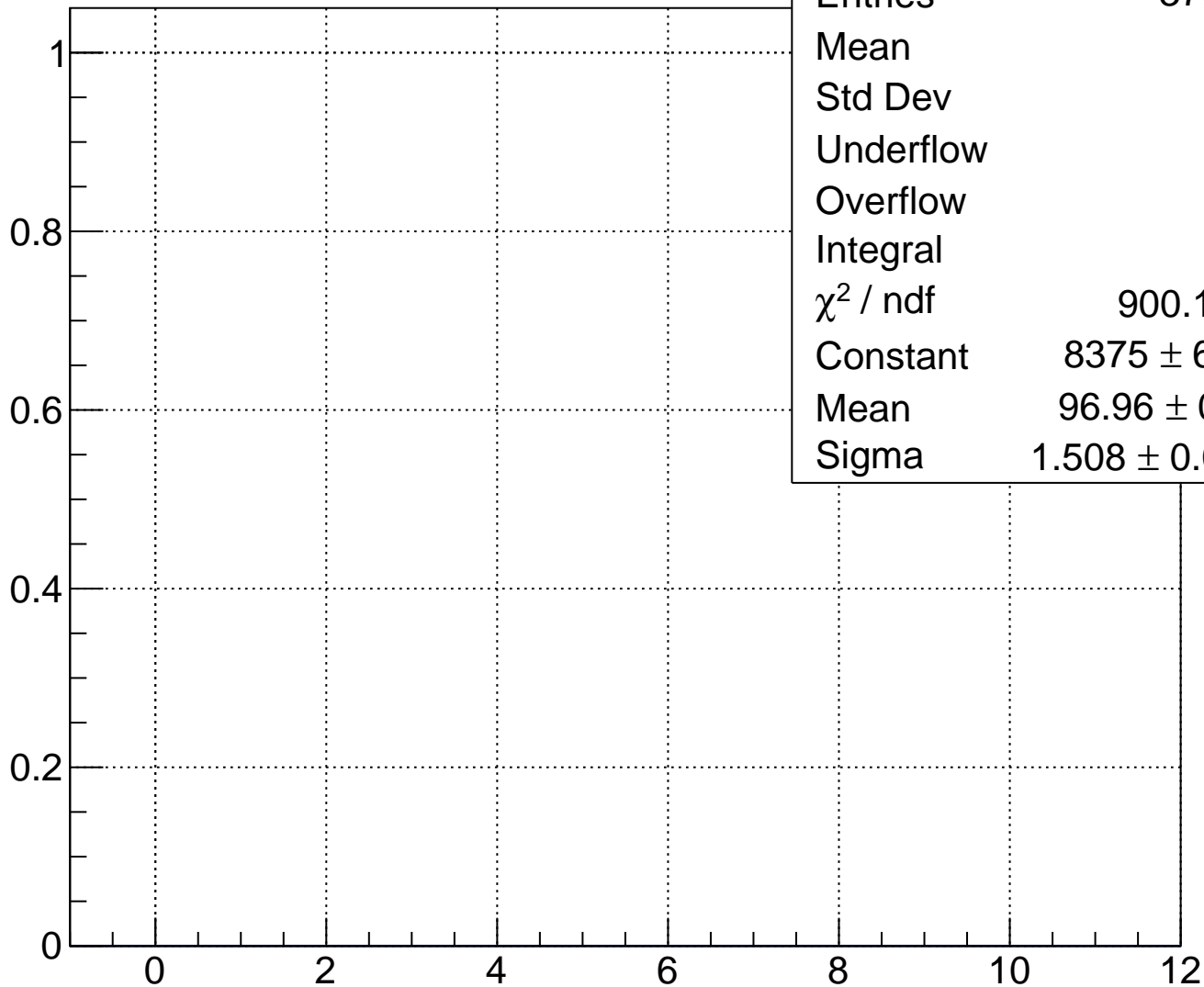


BH2DBG1



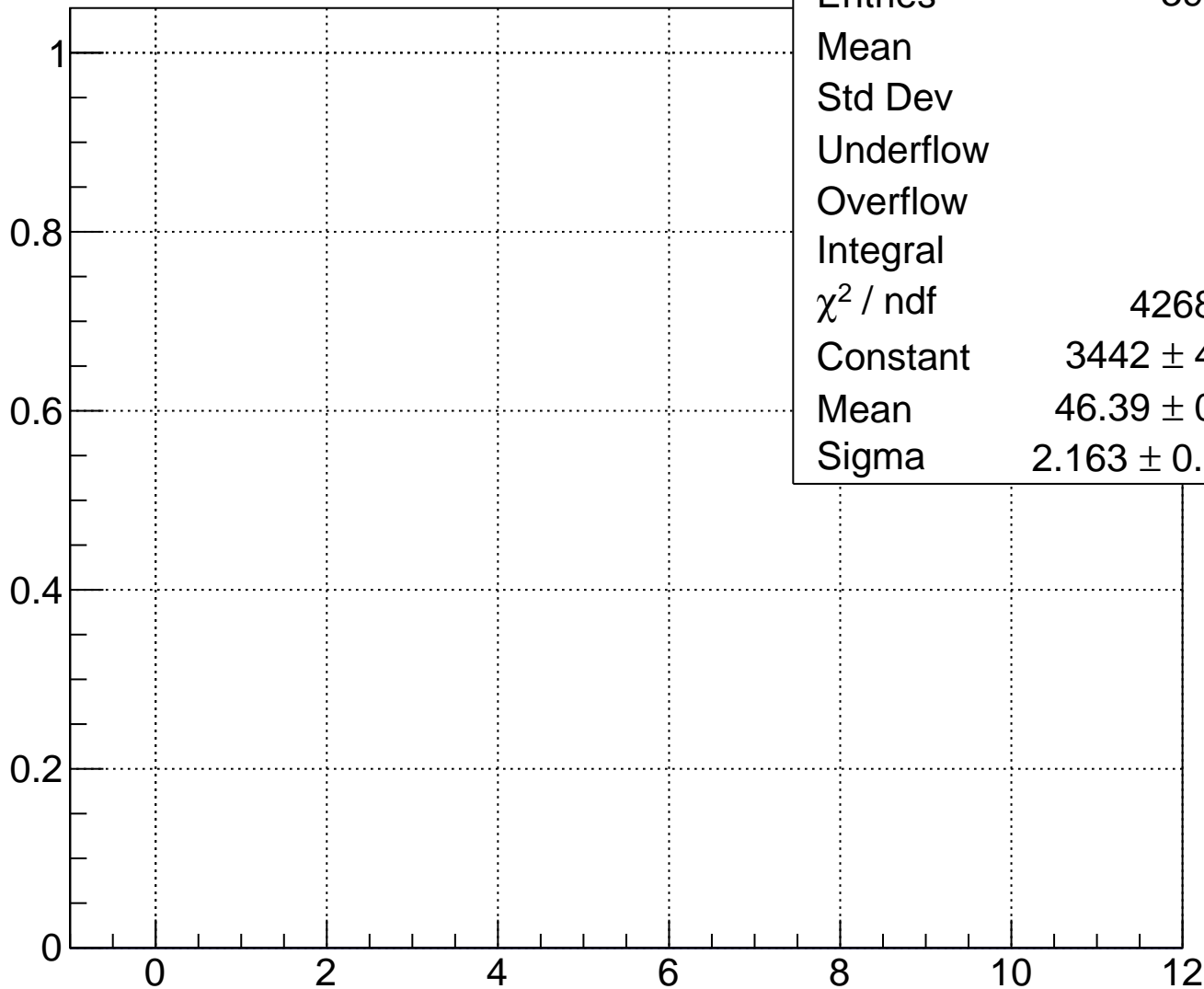
Entries	39483
Mean	0
Std Dev	0
Underflow	0
Overflow	0
Integral	0
χ^2 / ndf	226 / 4
Constant	$1.221\text{e}+04 \pm 8.057\text{e}+01$
Mean	66.31 ± 0.01
Sigma	1.268 ± 0.006

BH2DBG2



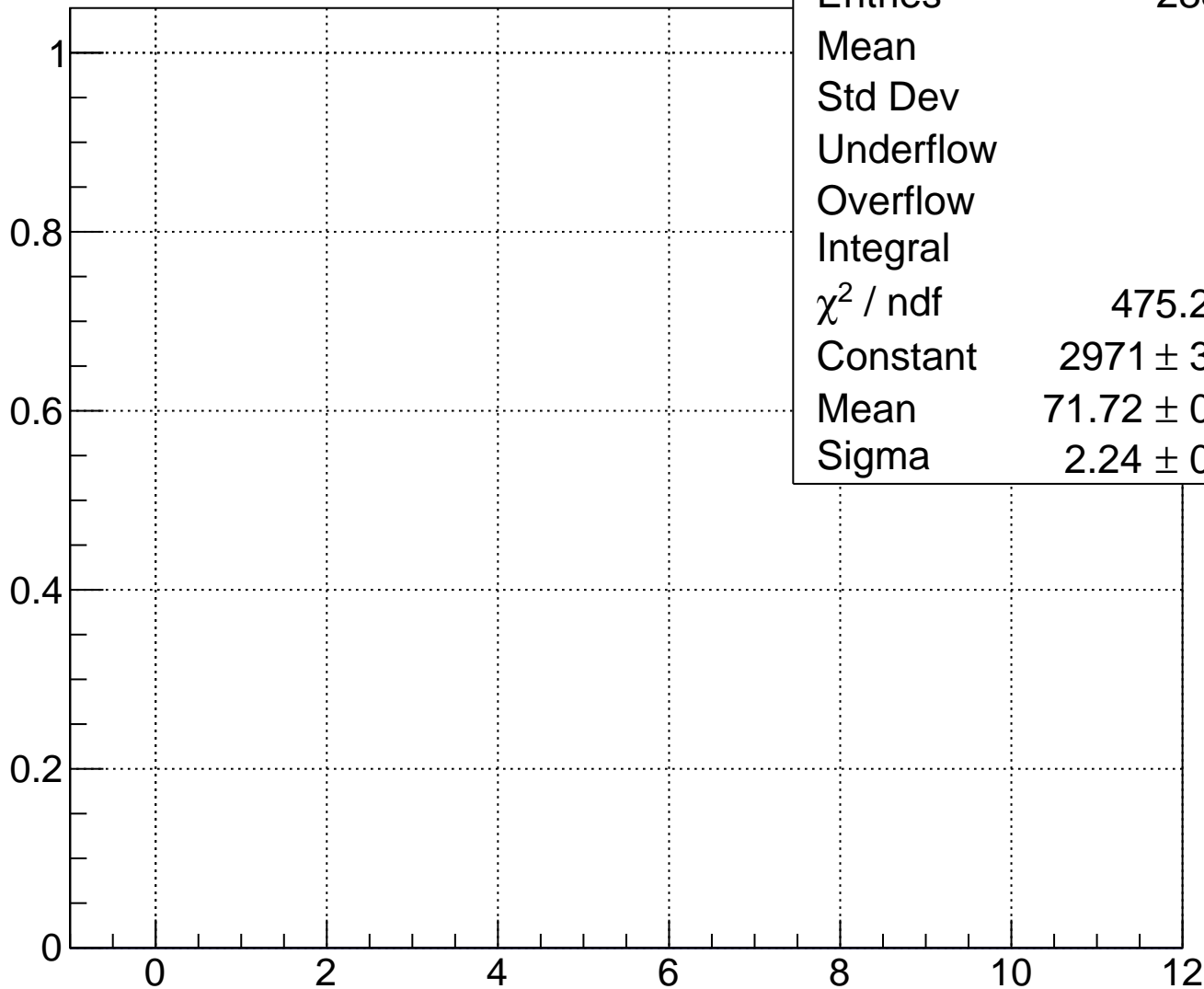
Entries	37652
Mean	0
Std Dev	0
Underflow	0
Overflow	0
Integral	0
χ^2 / ndf	900.1 / 4
Constant	8375 ± 60.3
Mean	96.96 ± 0.01
Sigma	1.508 ± 0.008

BH2DBG3

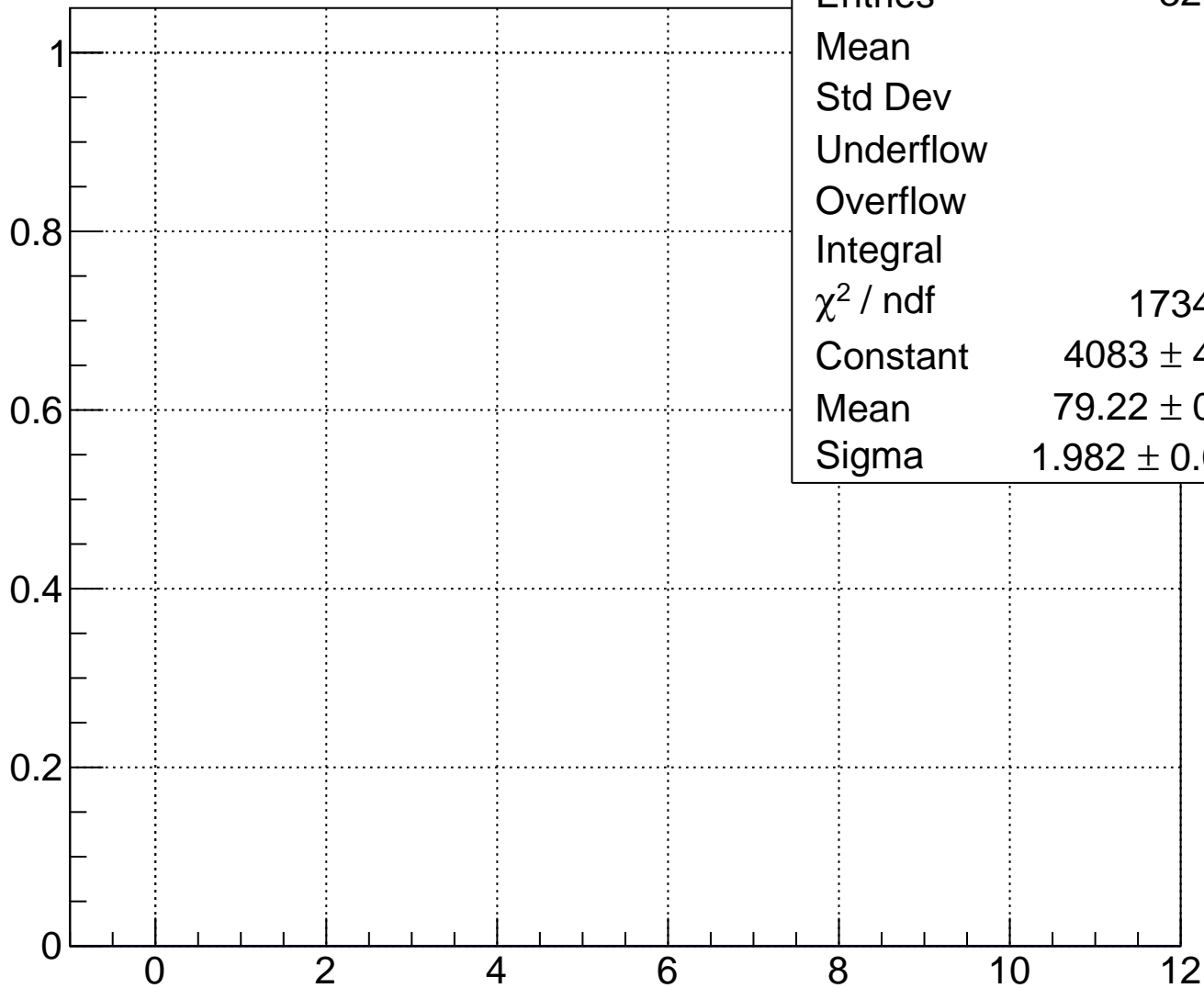


Entries	39876
Mean	0
Std Dev	0
Underflow	0
Overflow	0
Integral	0
χ^2 / ndf	4268 / 4
Constant	3442 ± 42.3
Mean	46.39 ± 0.02
Sigma	2.163 ± 0.034

BH2DBG4

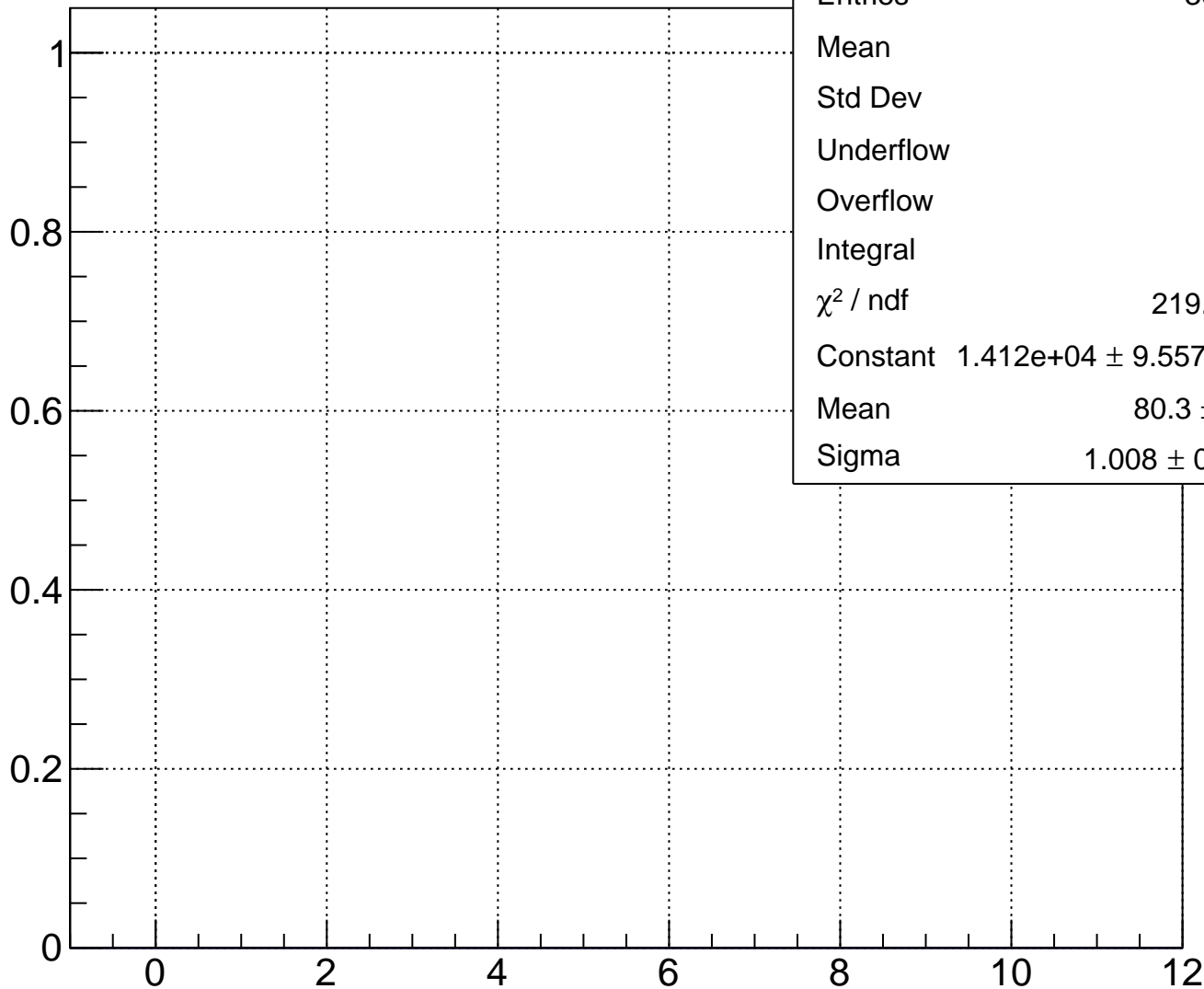


BH2DBG5

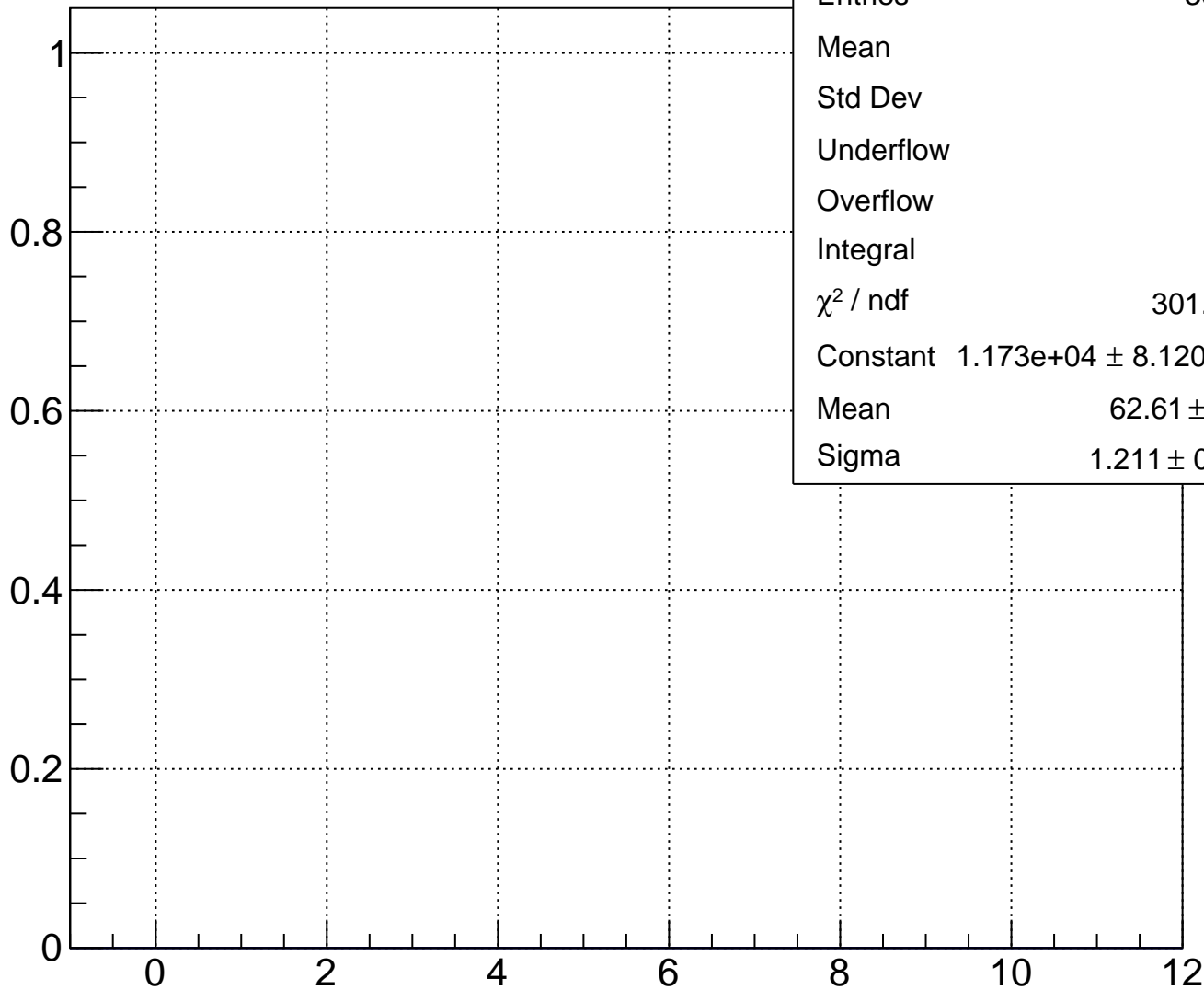


Entries	32697
Mean	0
Std Dev	0
Underflow	0
Overflow	0
Integral	0
χ^2 / ndf	1734 / 4
Constant	4083 ± 44.3
Mean	79.22 ± 0.02
Sigma	1.982 ± 0.024

BH2DBG6



BH2DBG7



BH2DBG8

