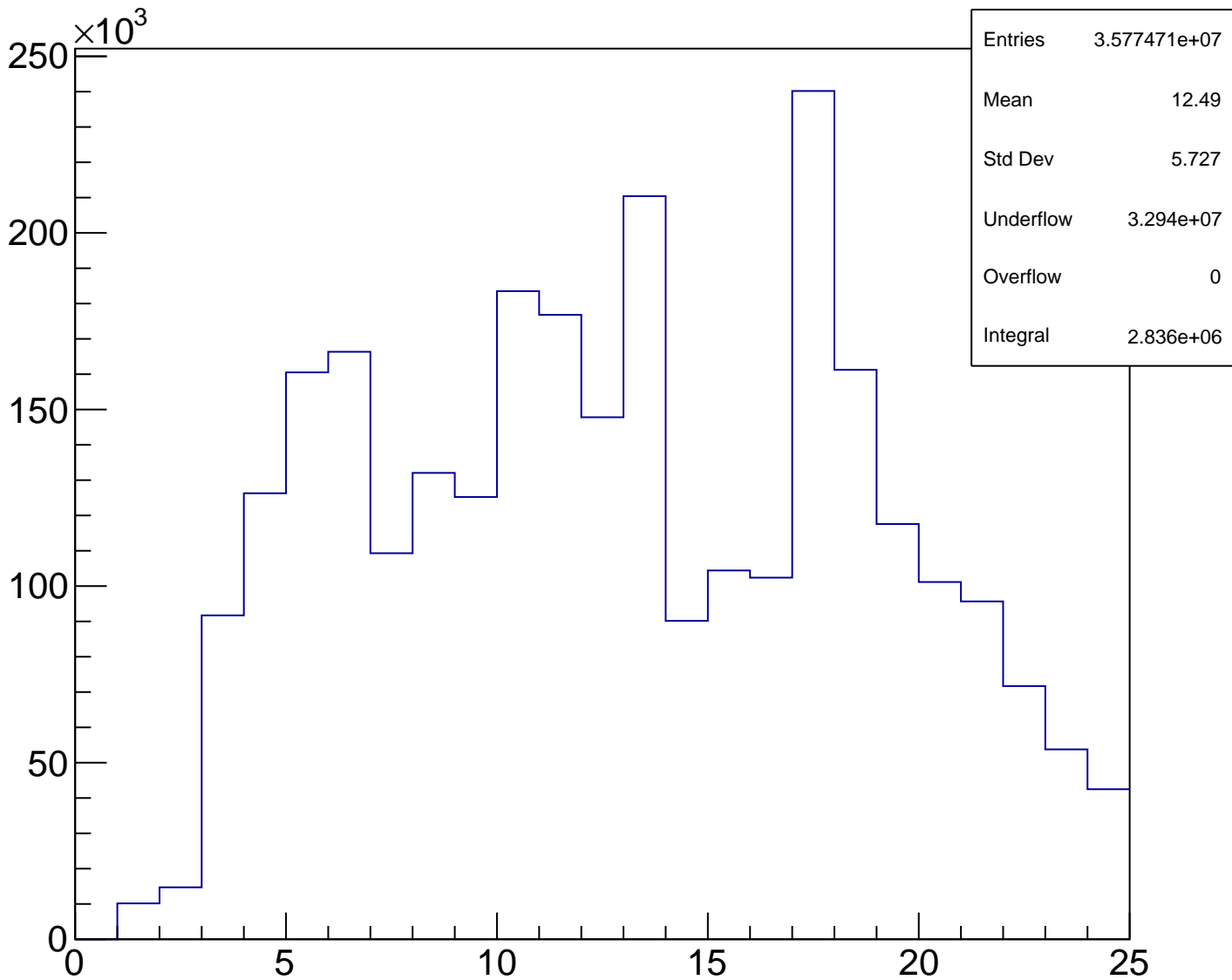
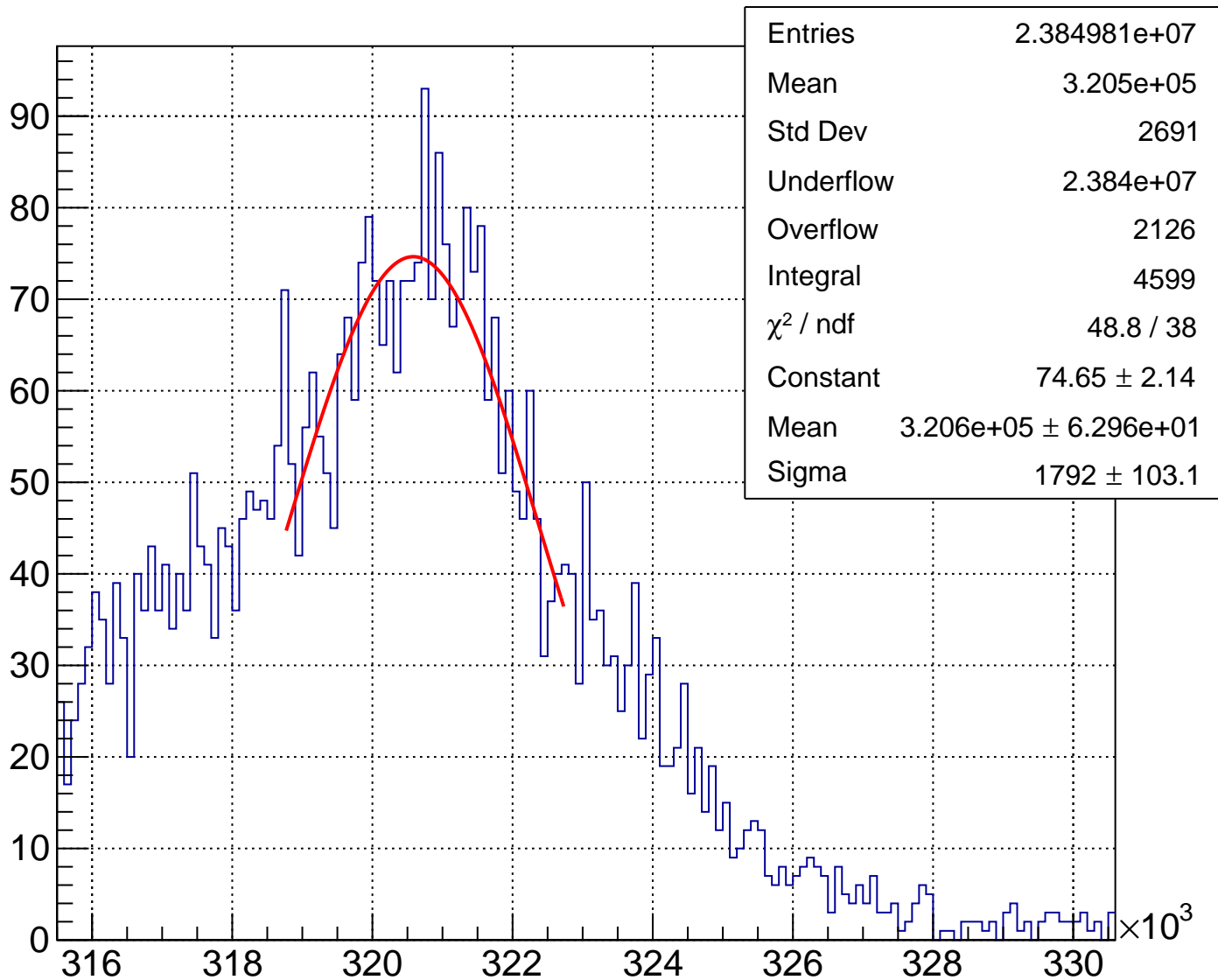


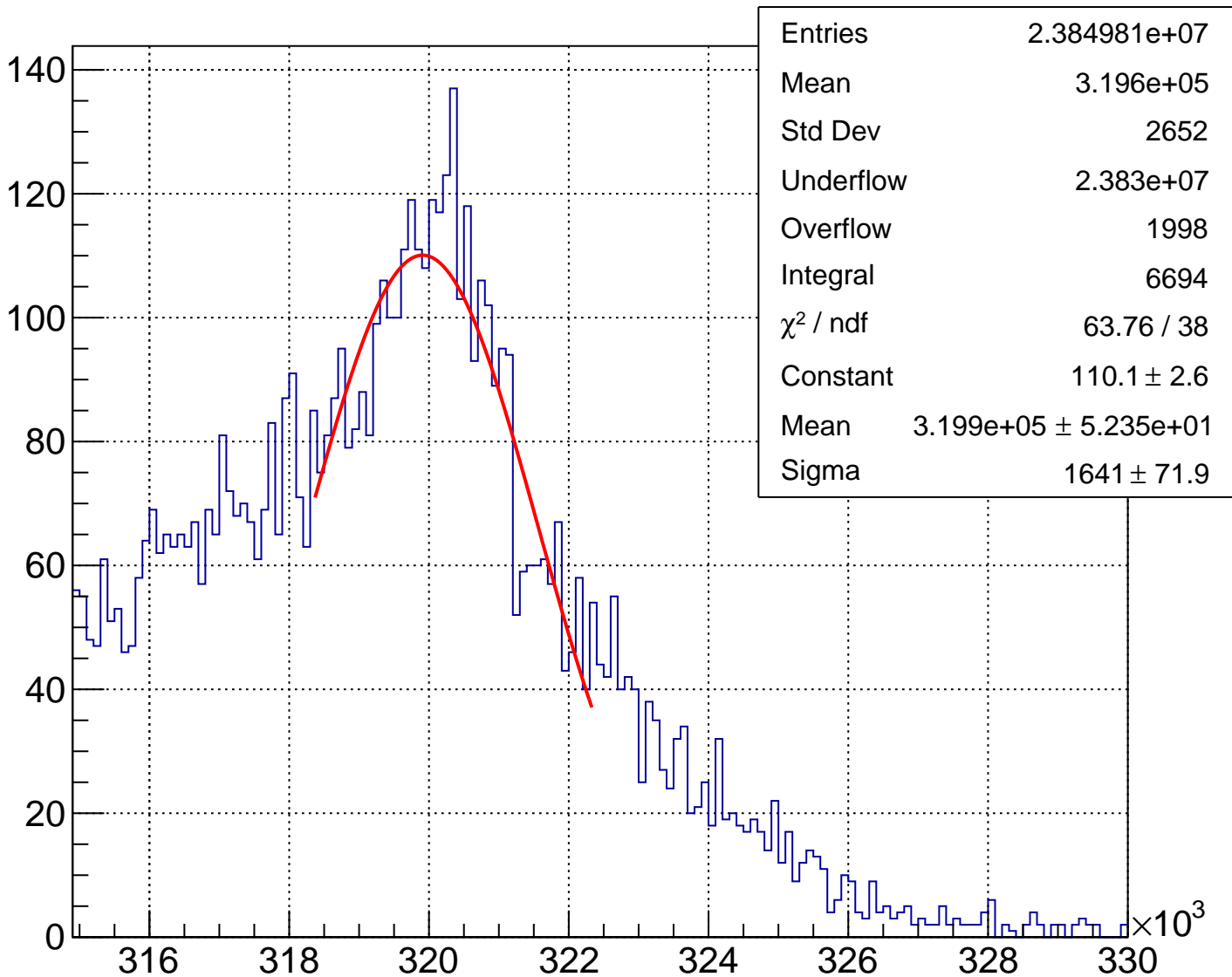
# TOFHitPat



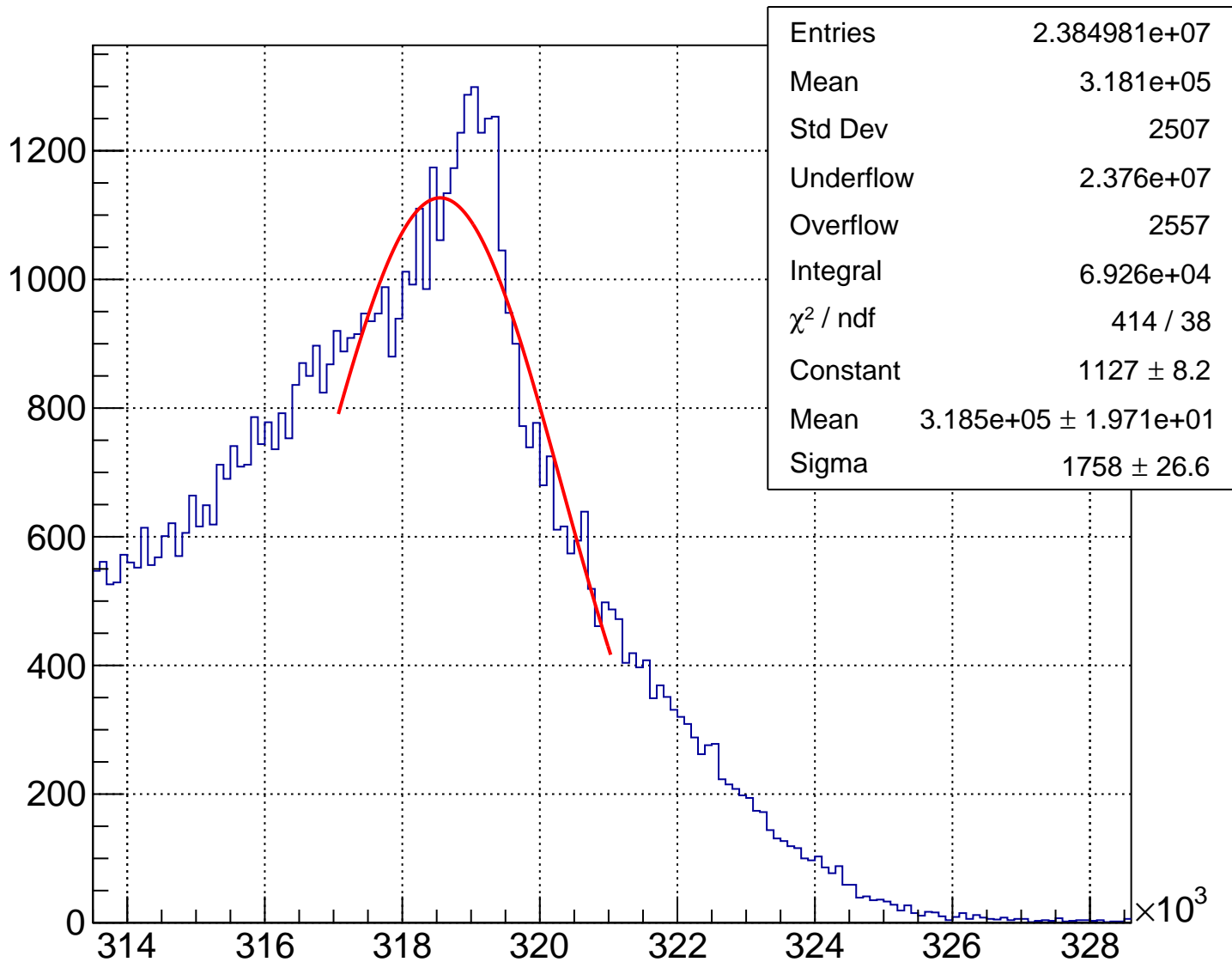
# TOFUT\_1



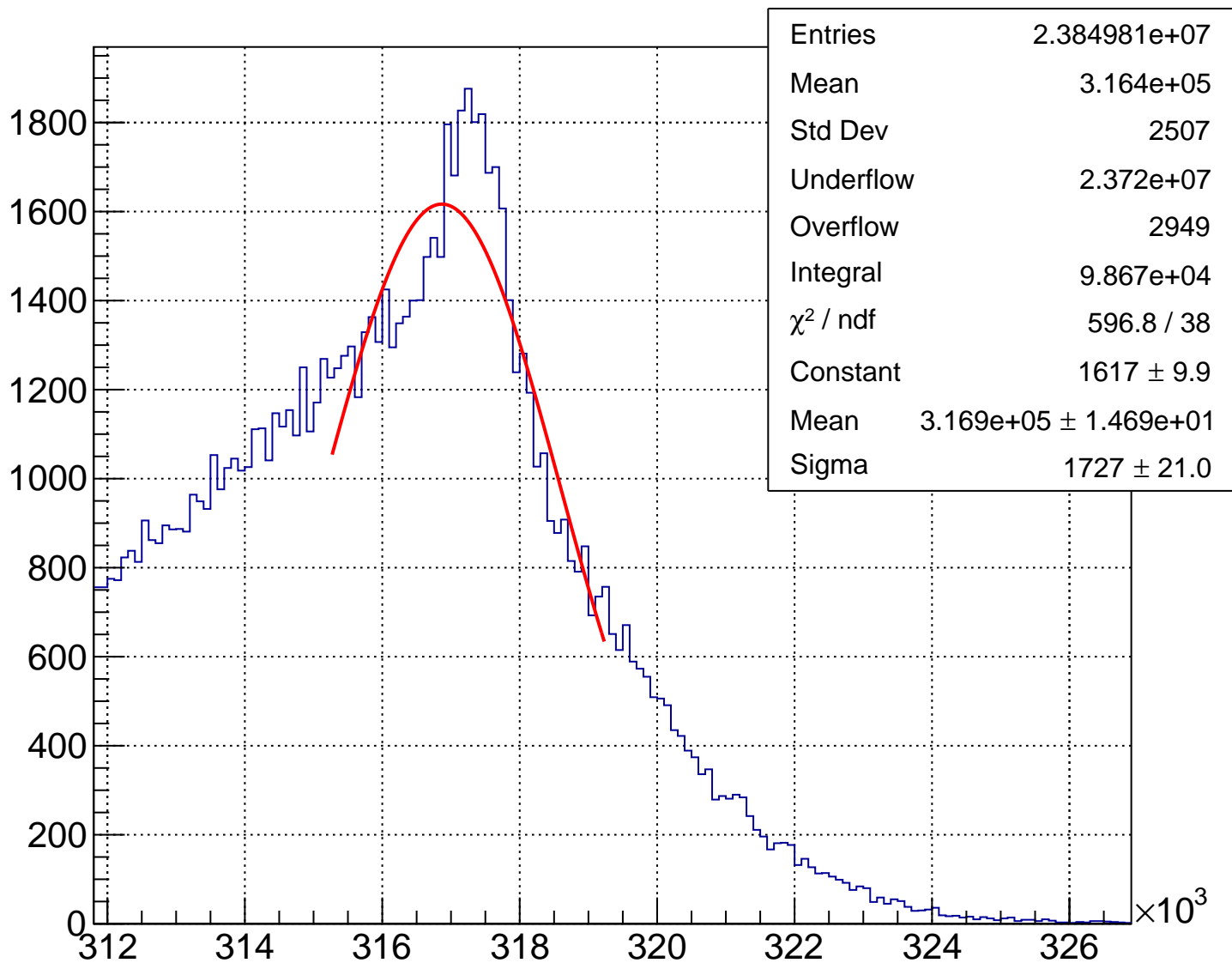
# TOFUT\_2



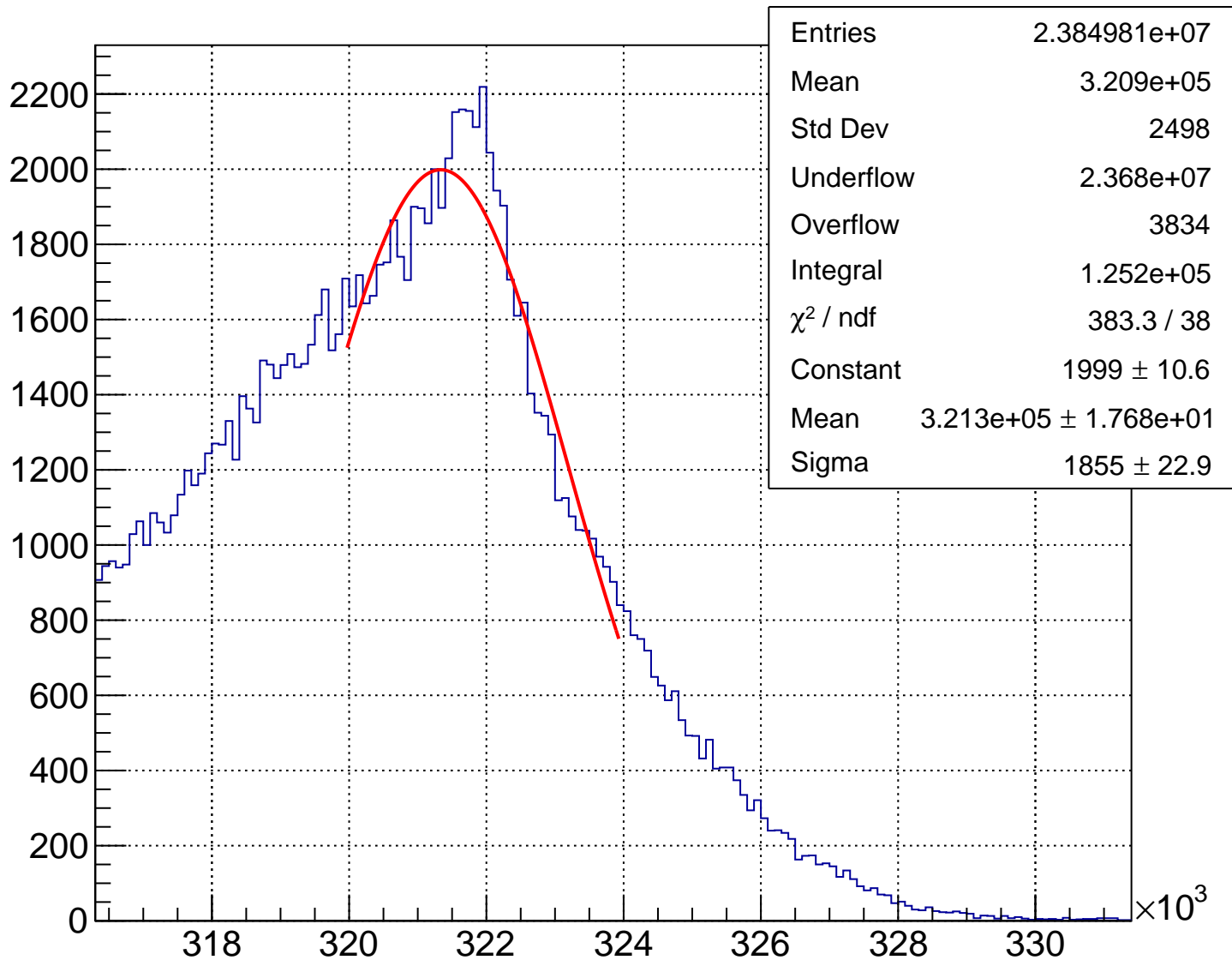
# TOFUT\_3



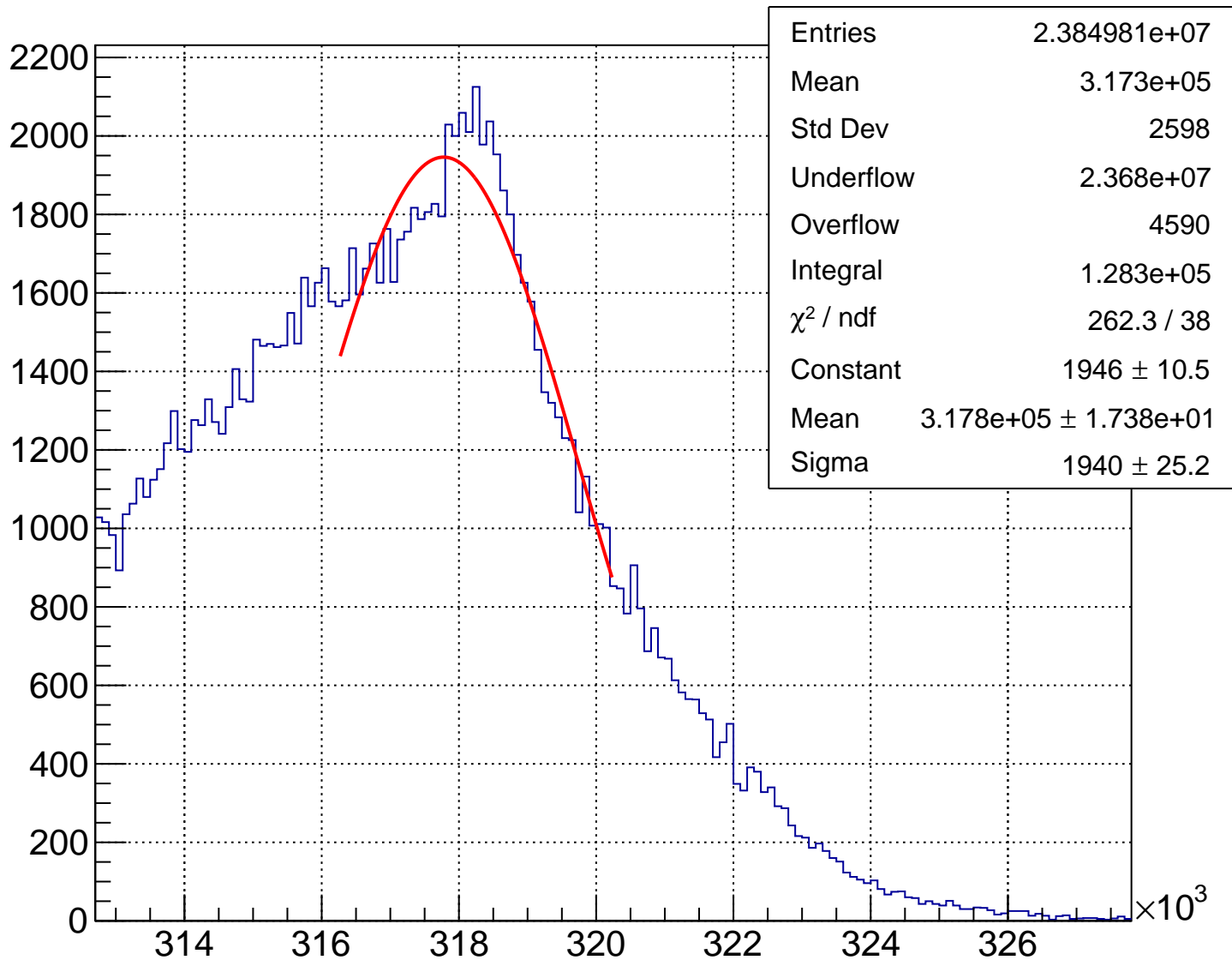
# TOFUT\_4



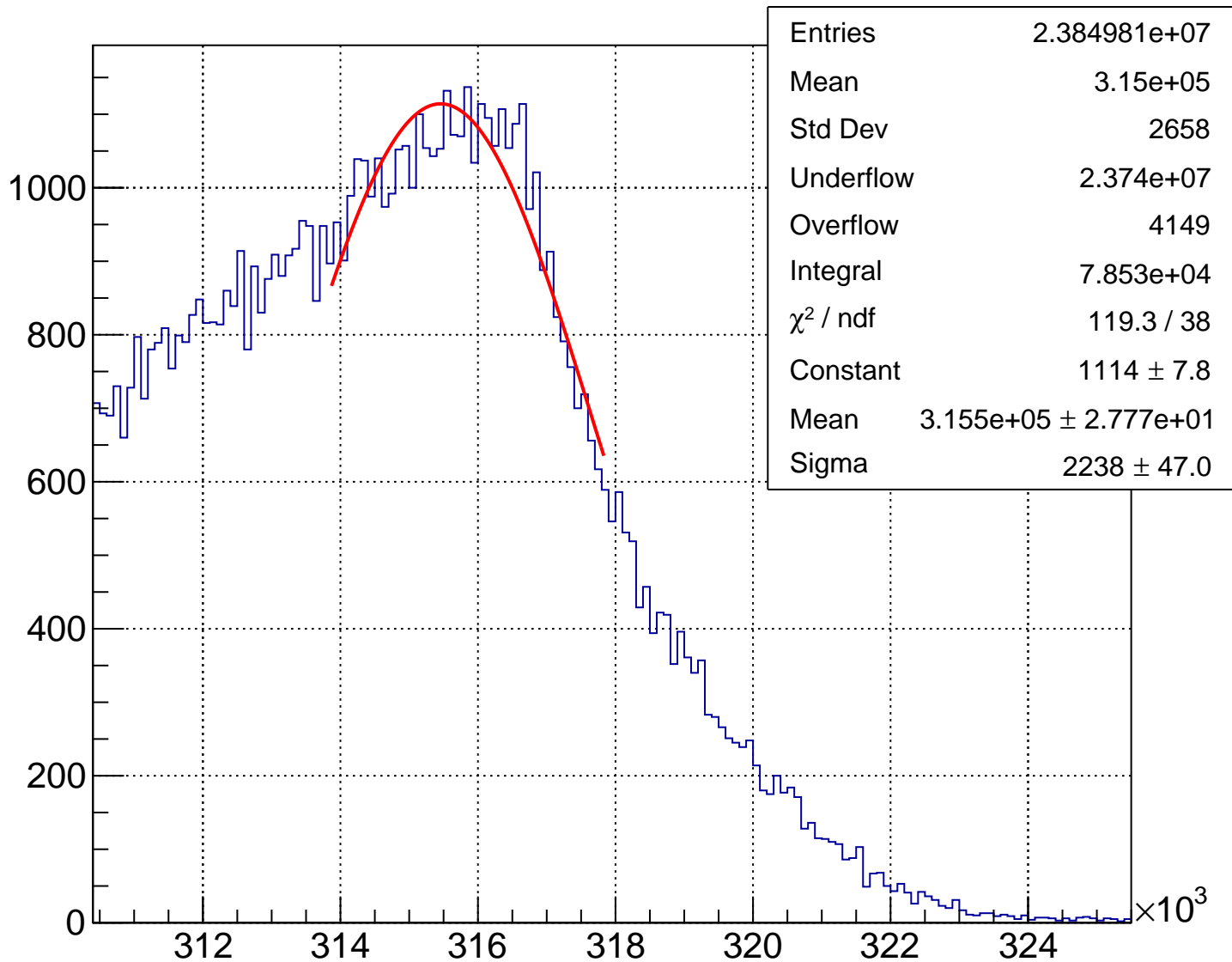
# TOFUT\_5



# TOFUT\_6

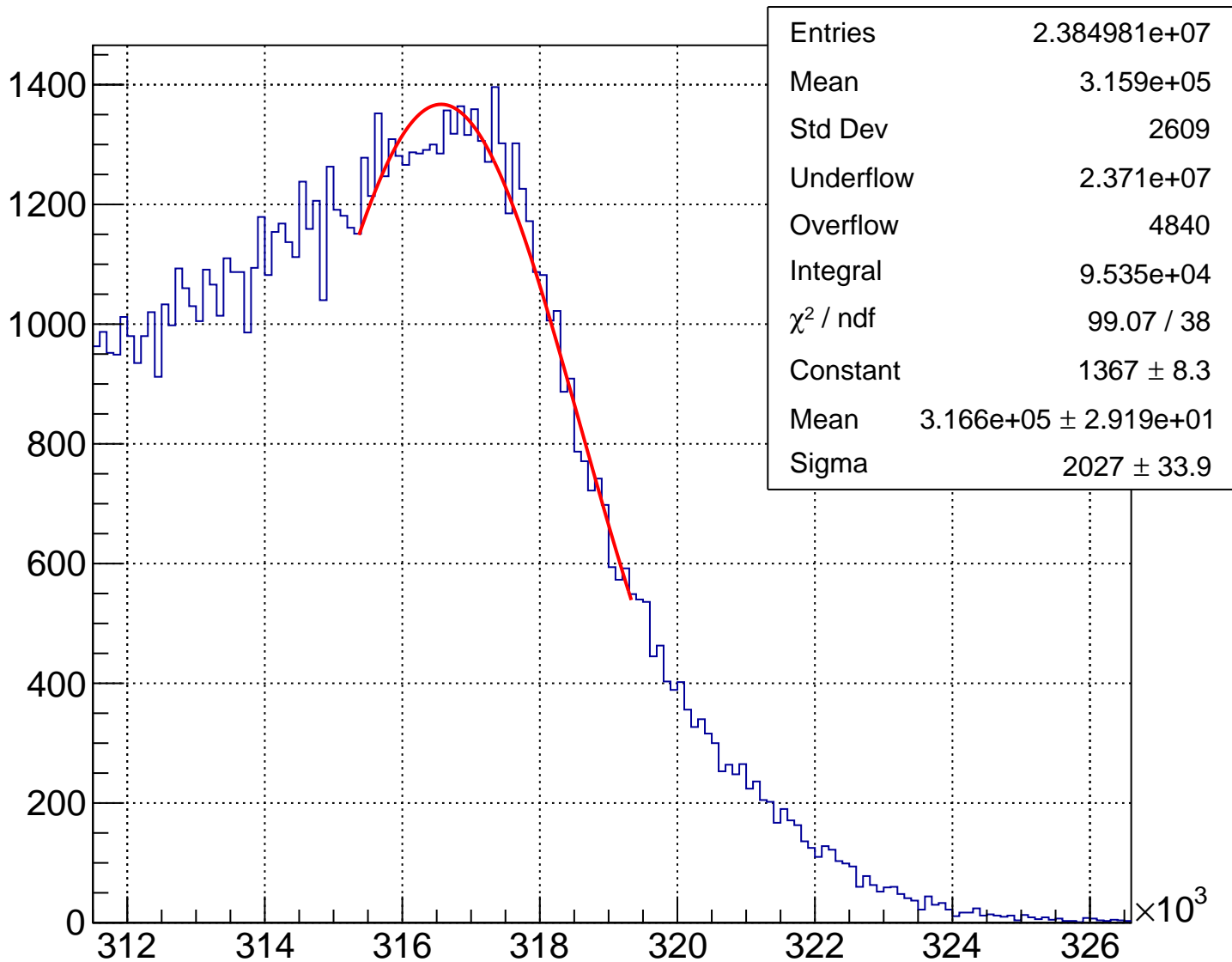


# TOFUT\_7

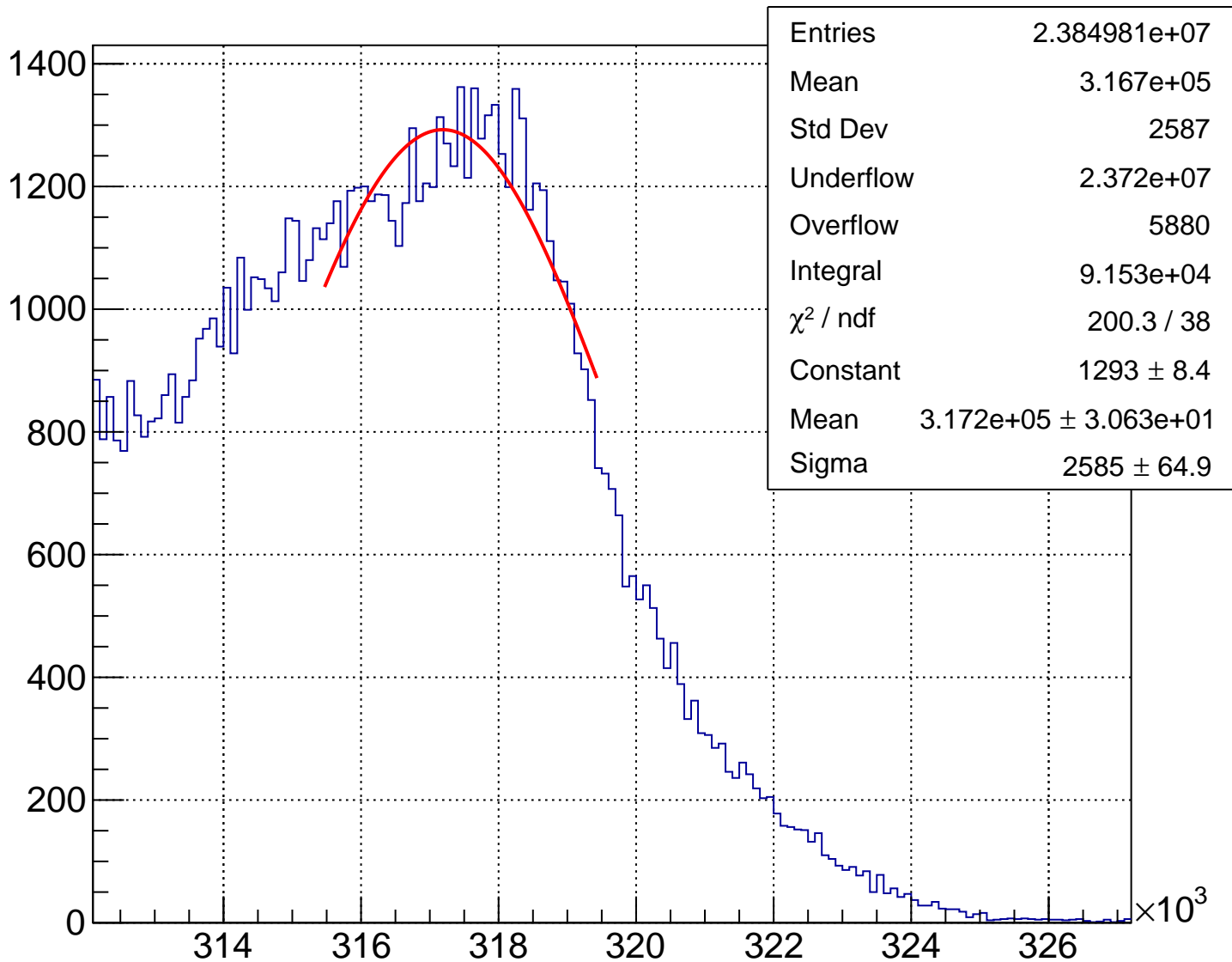




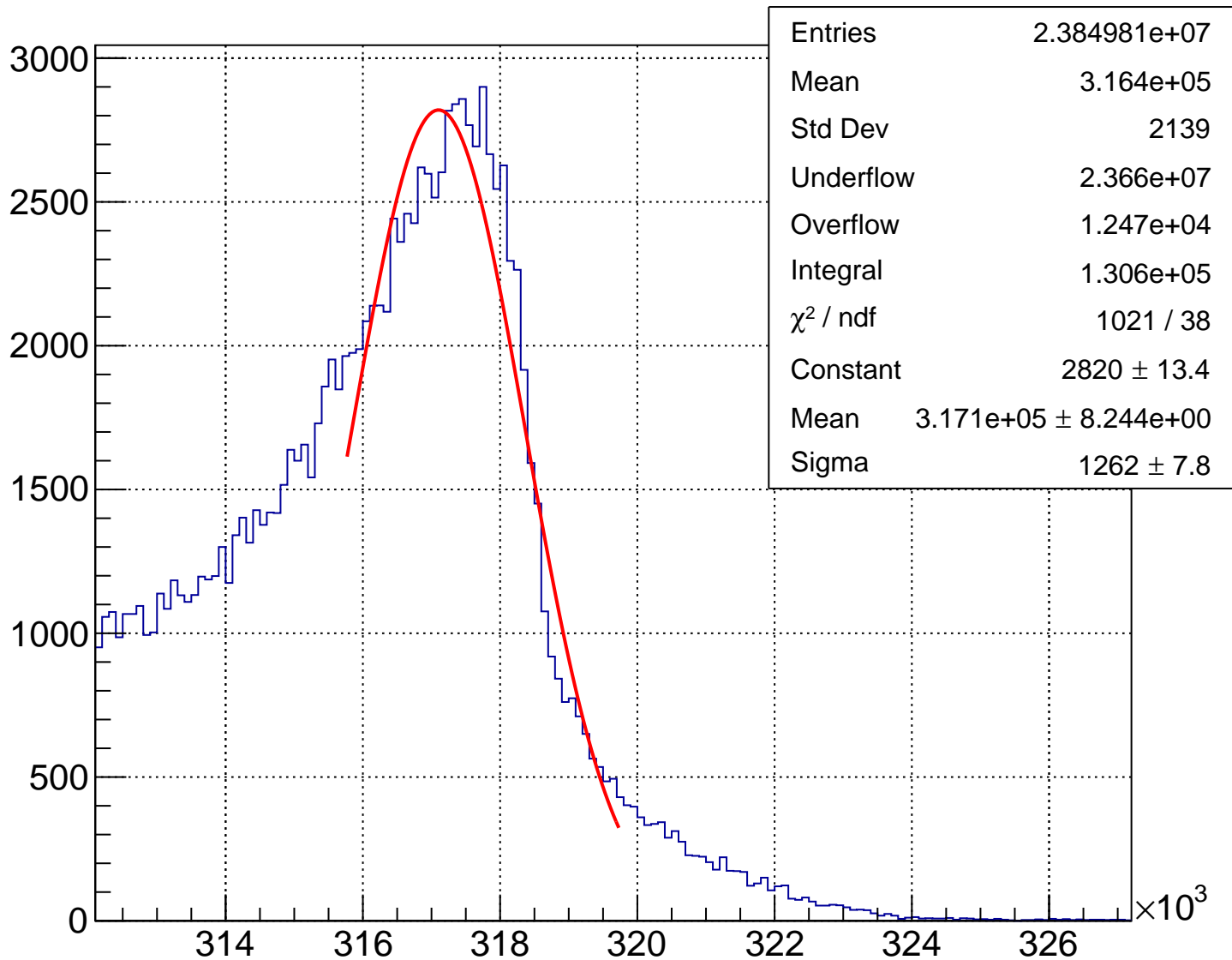
# TOFUT\_8



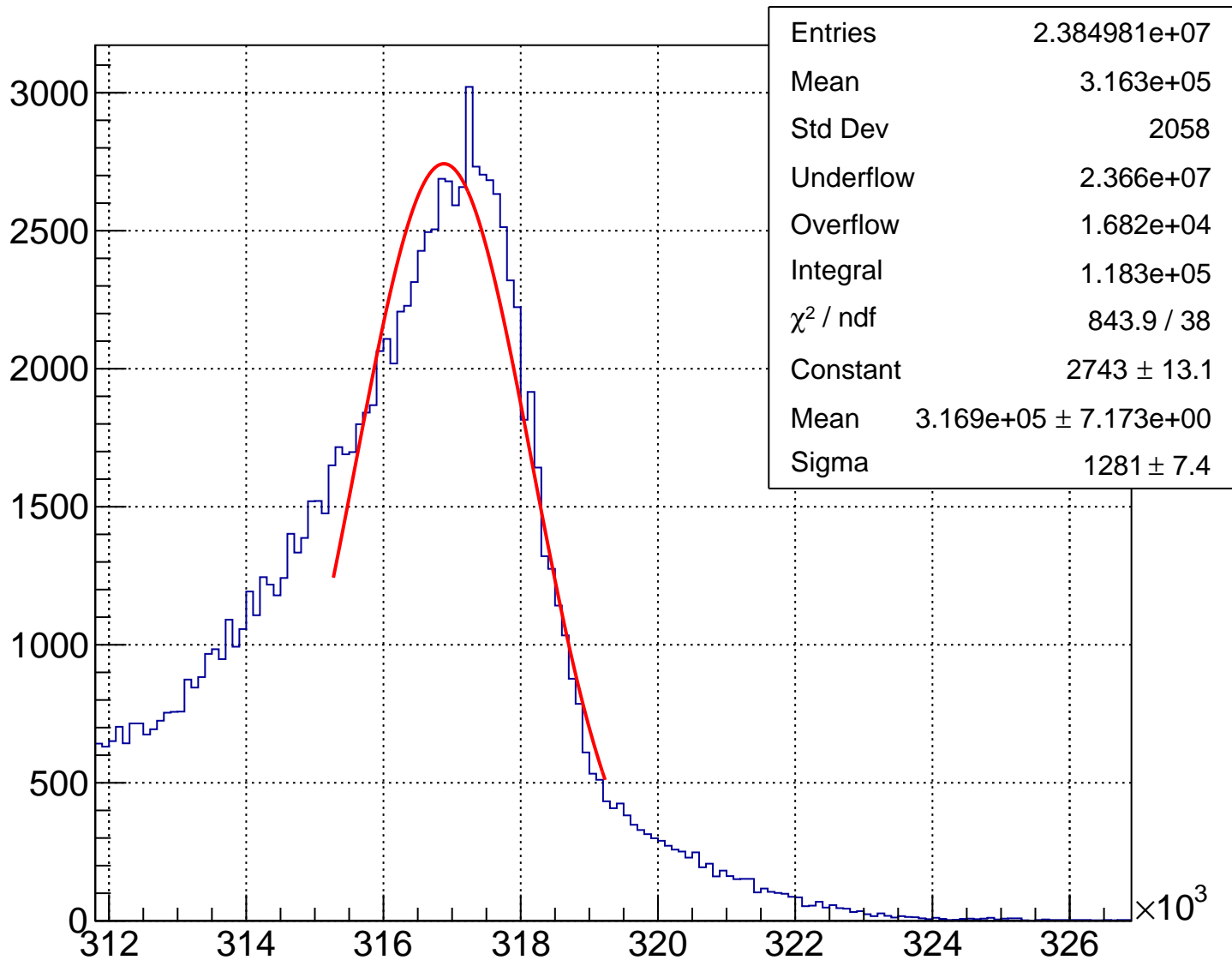
# TOFUT\_9



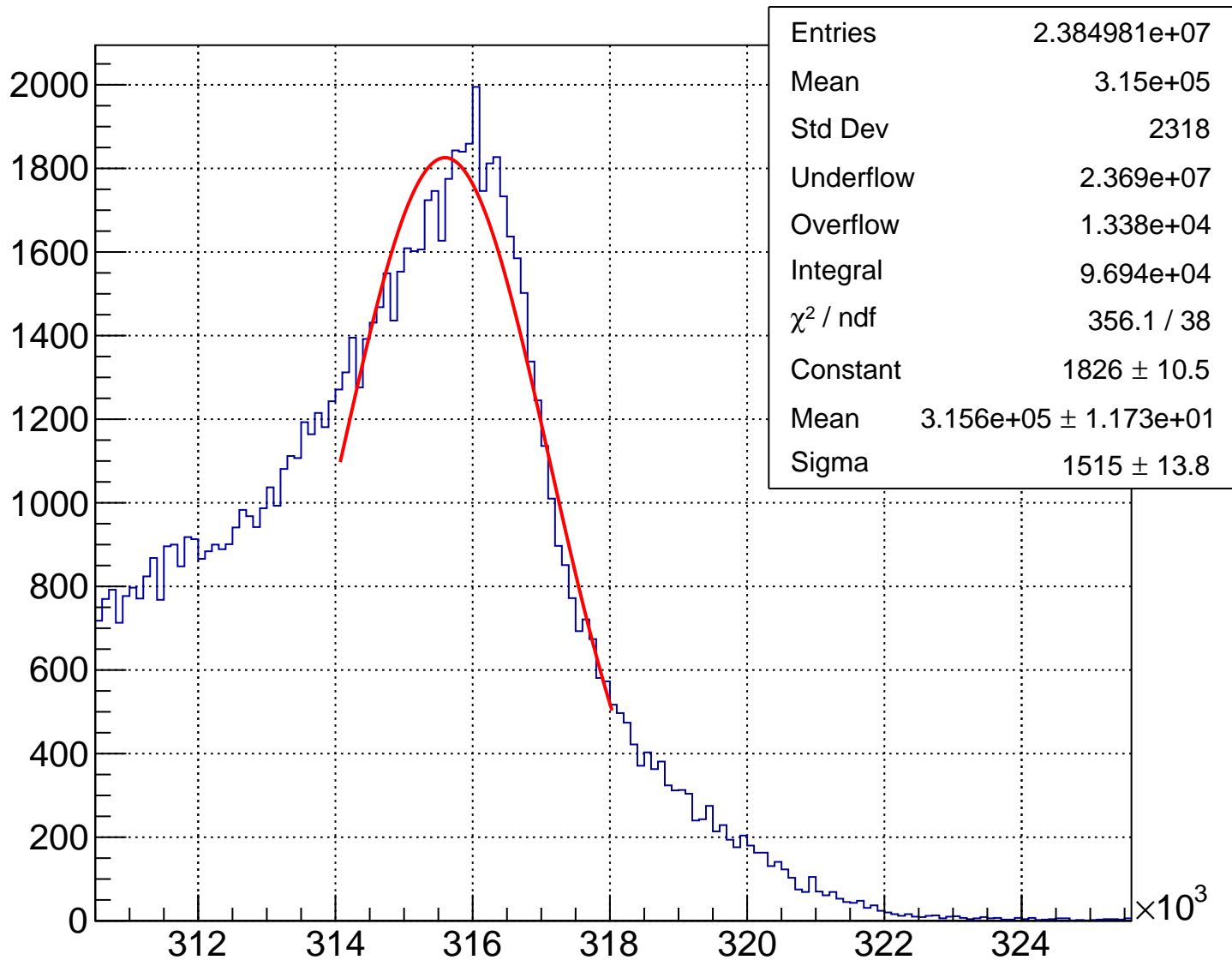
# TOFUT\_10



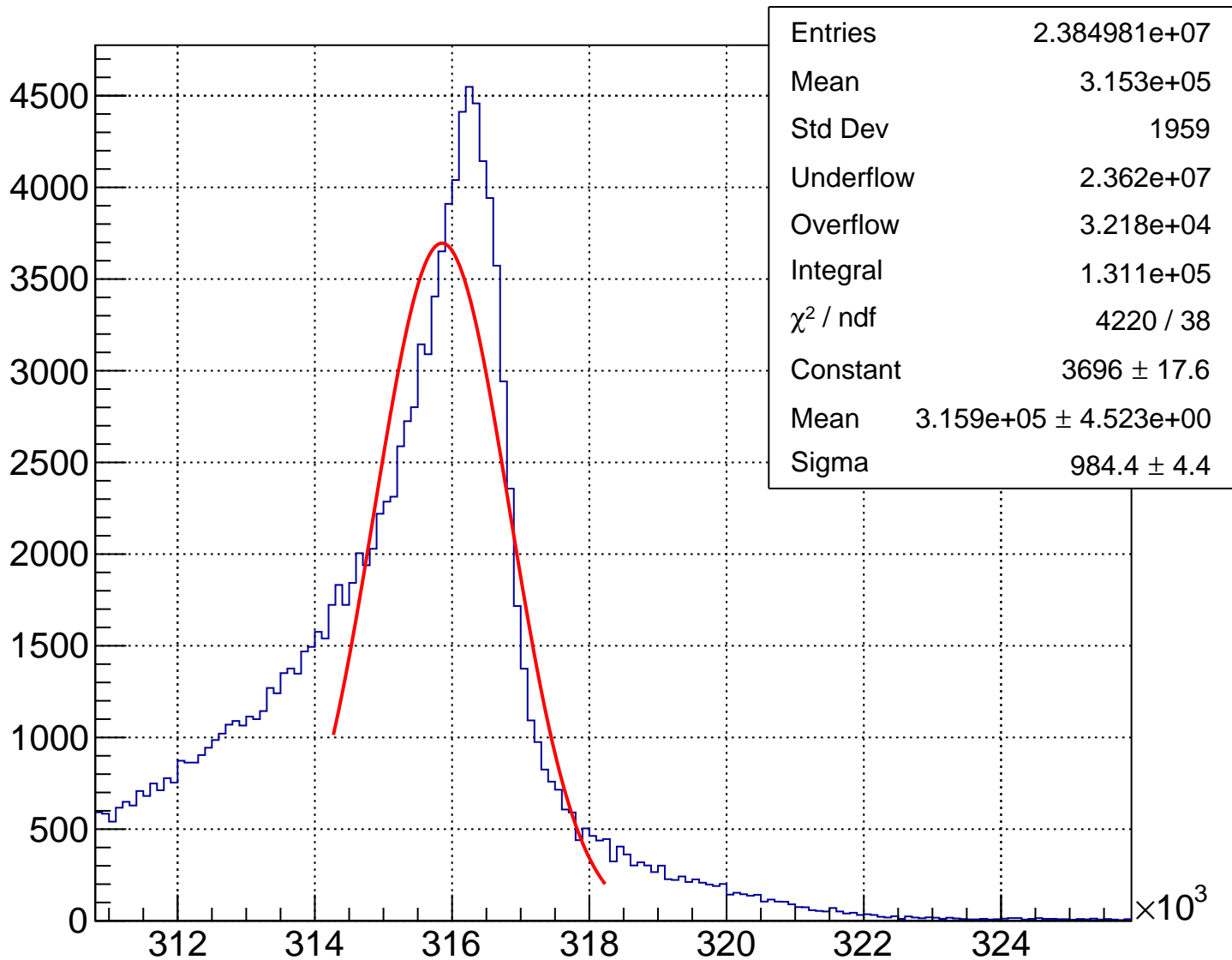
# TOFUT\_11



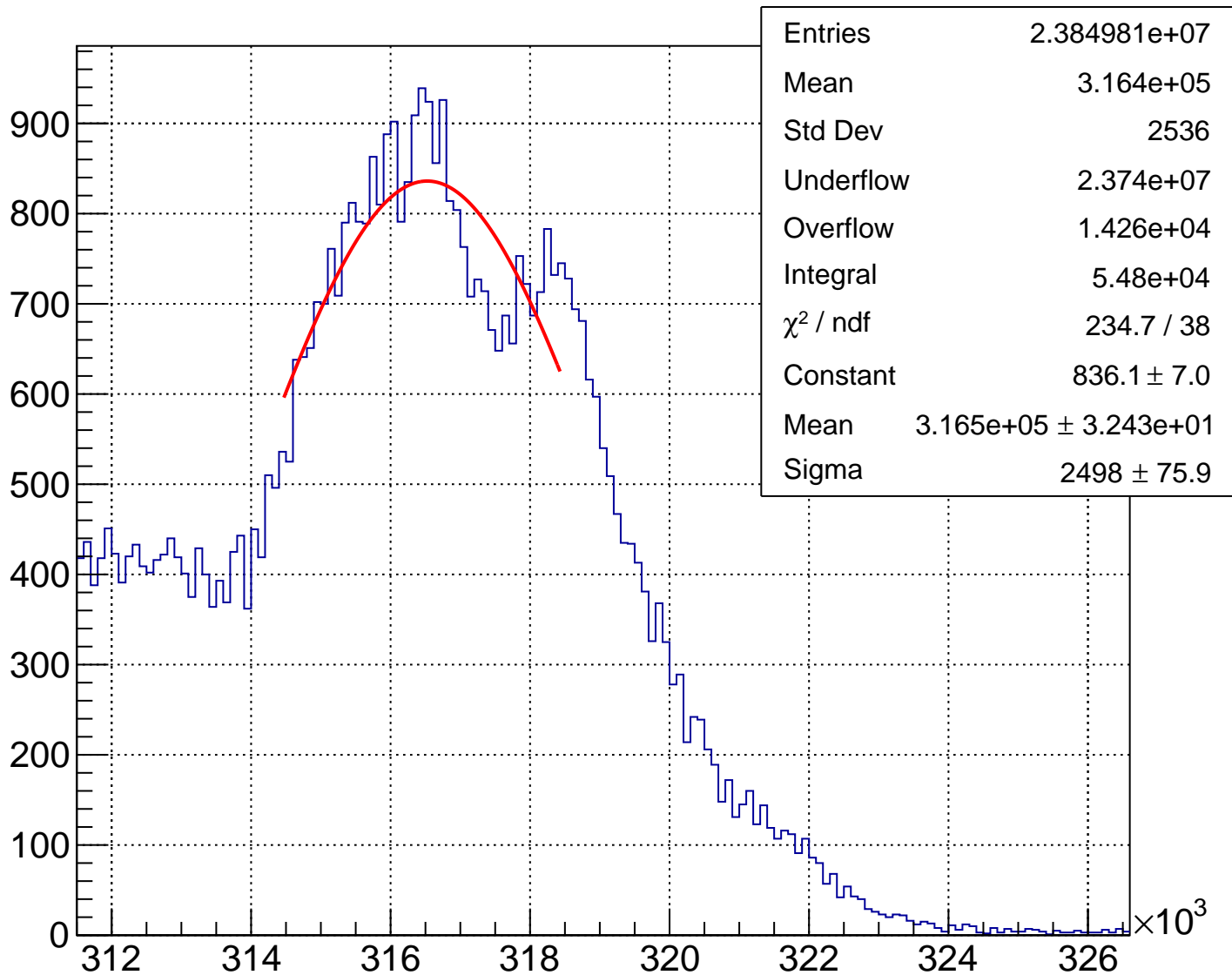
# TOFUT\_12



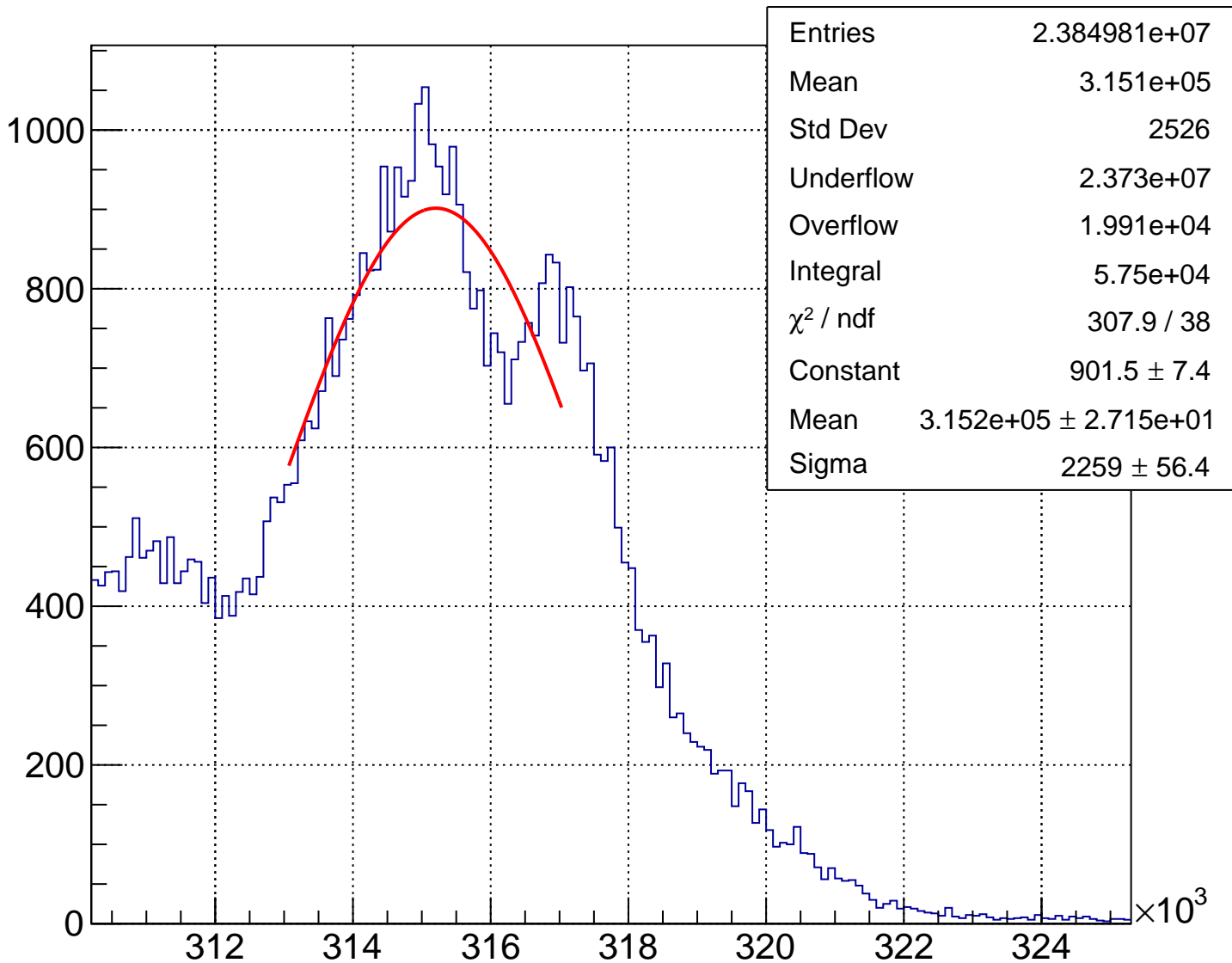
# TOFUT\_13



# TOFUT\_14

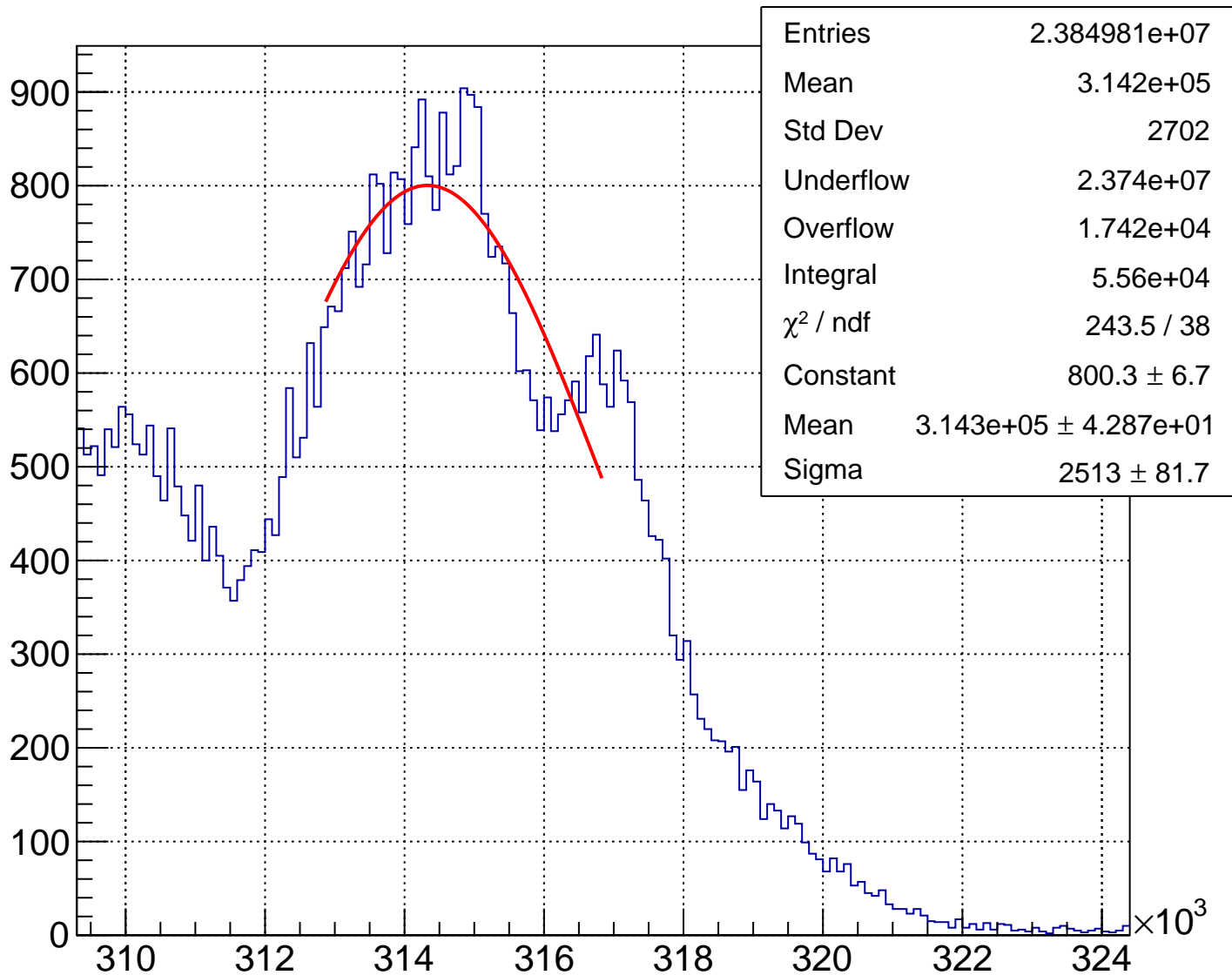


# TOFUT\_15

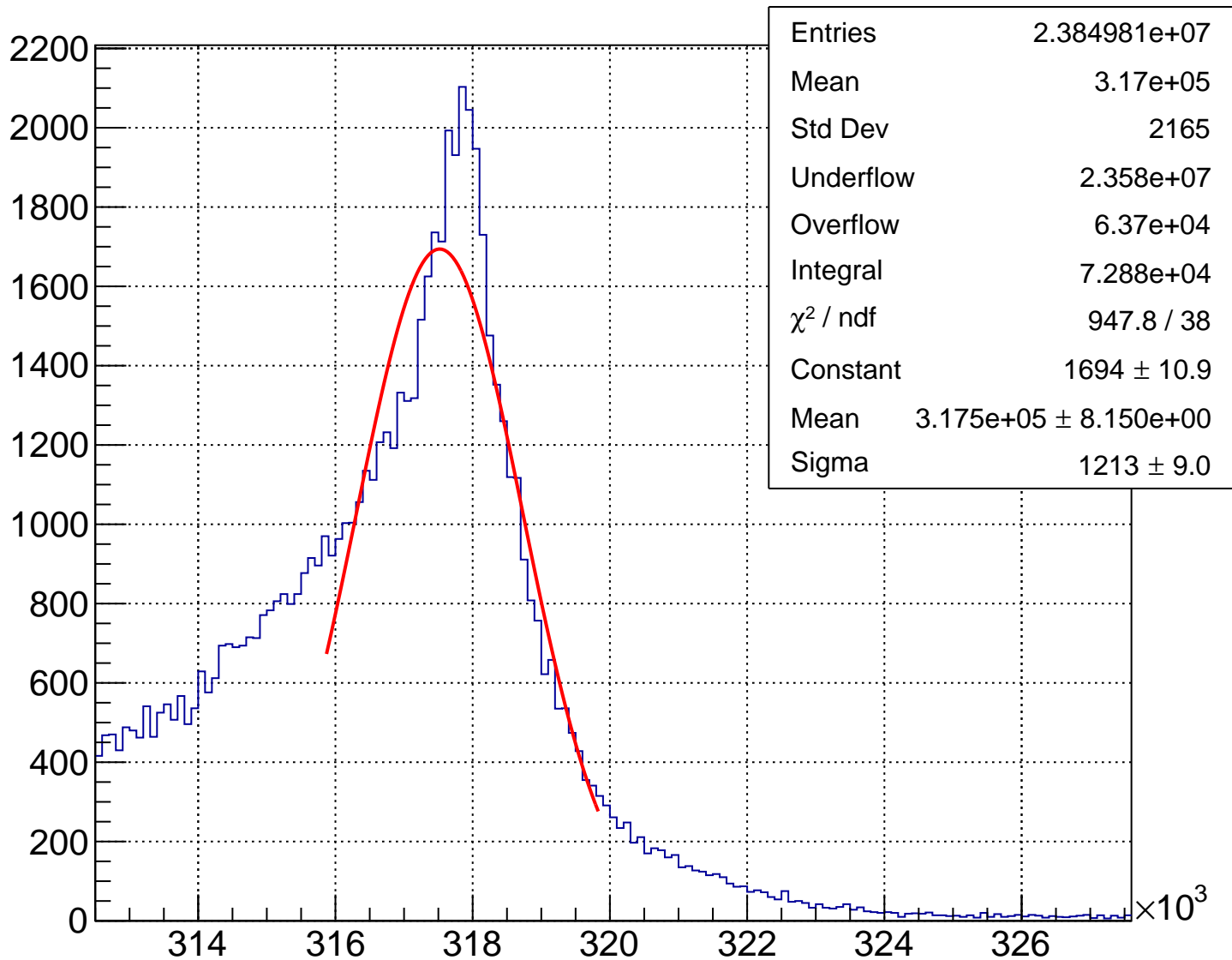




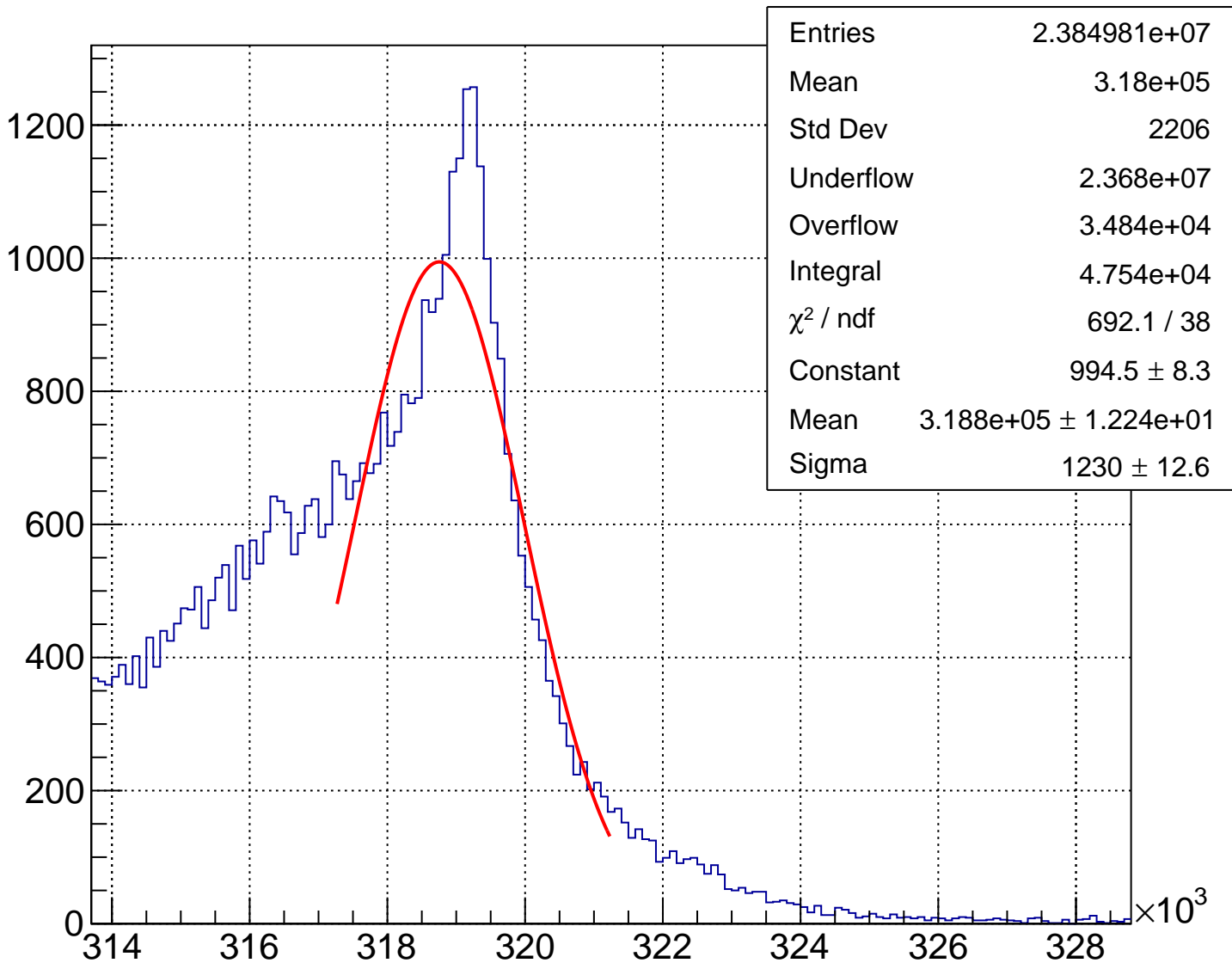
# TOFUT\_16



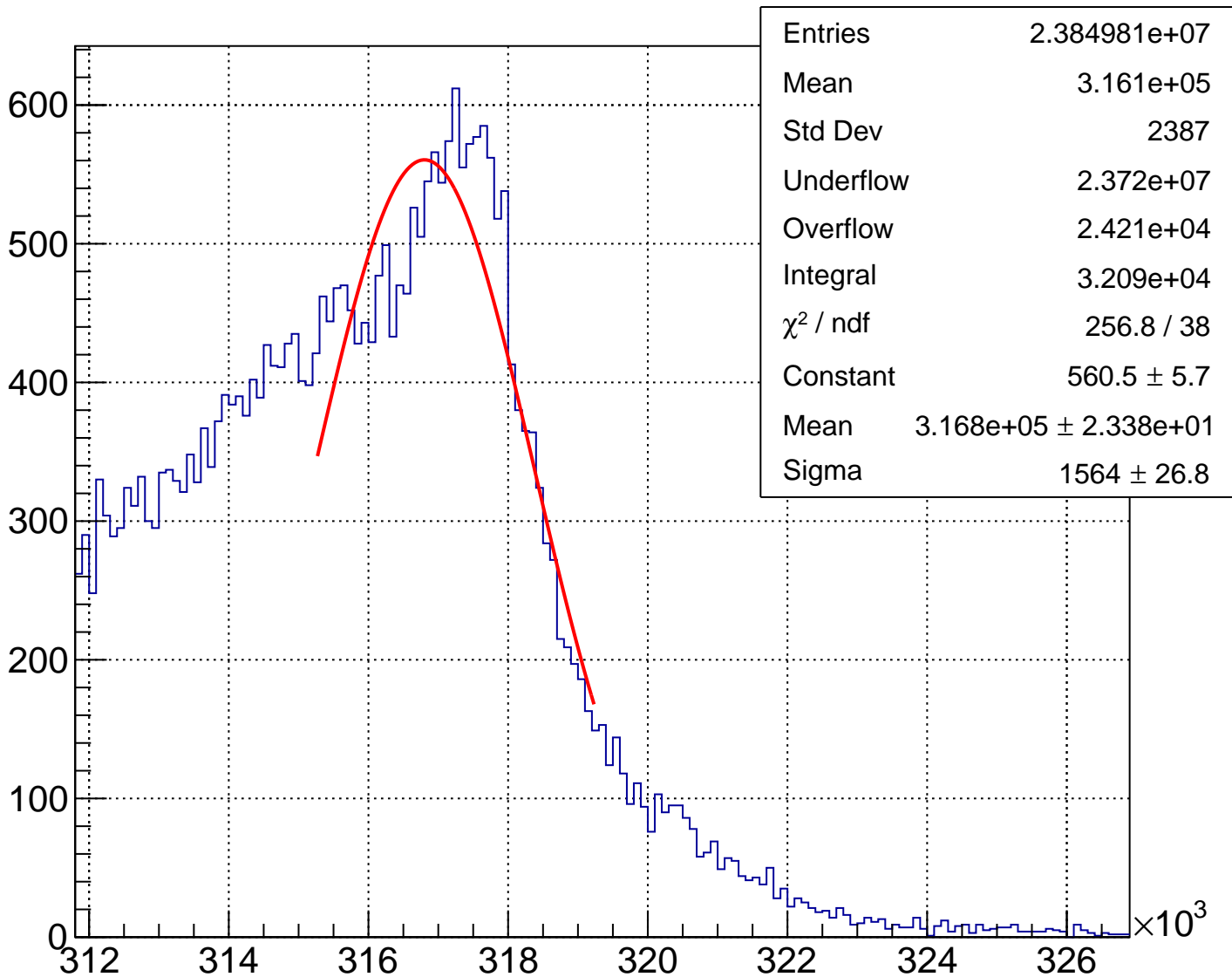
# TOFUT\_17



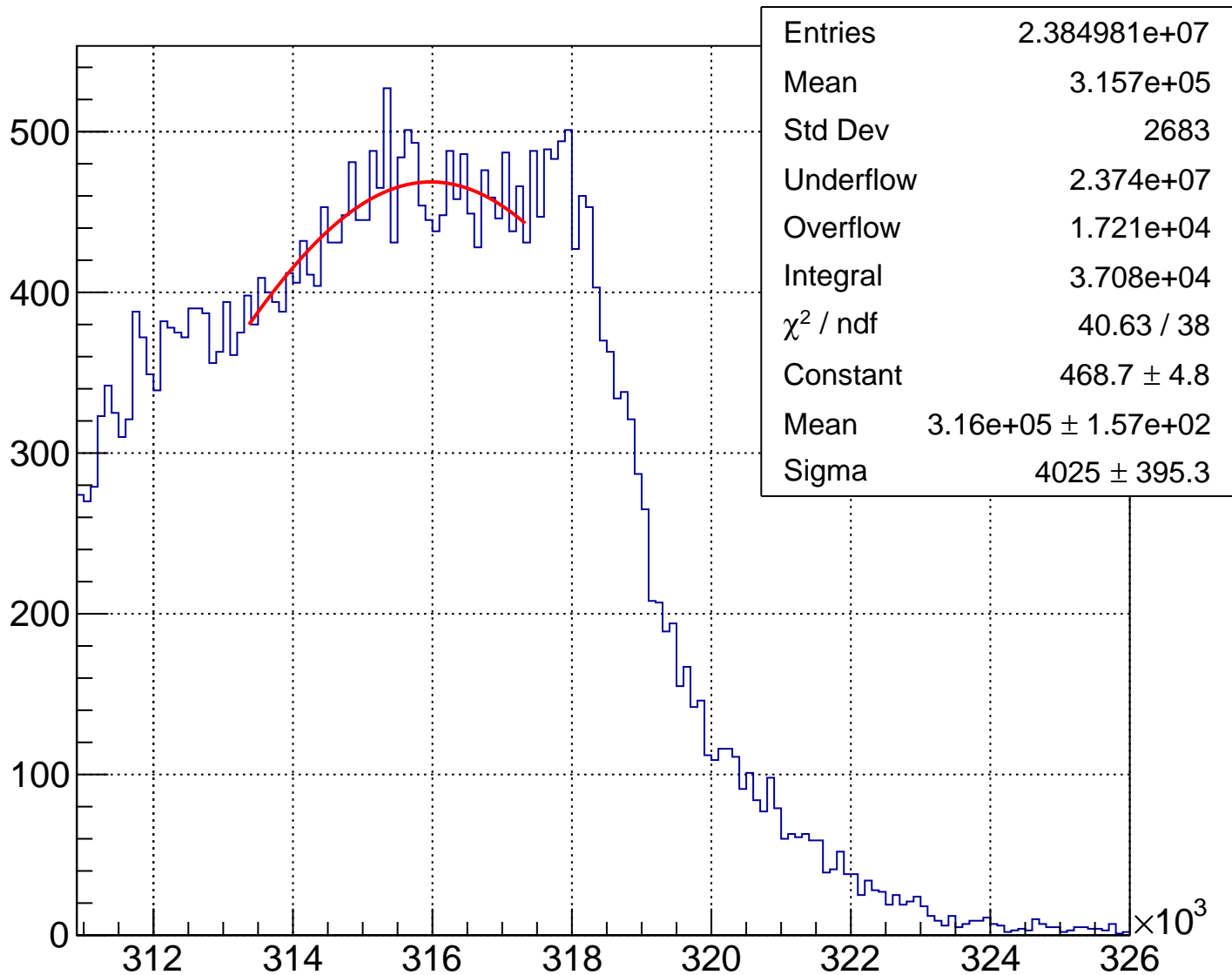
# TOFUT\_18



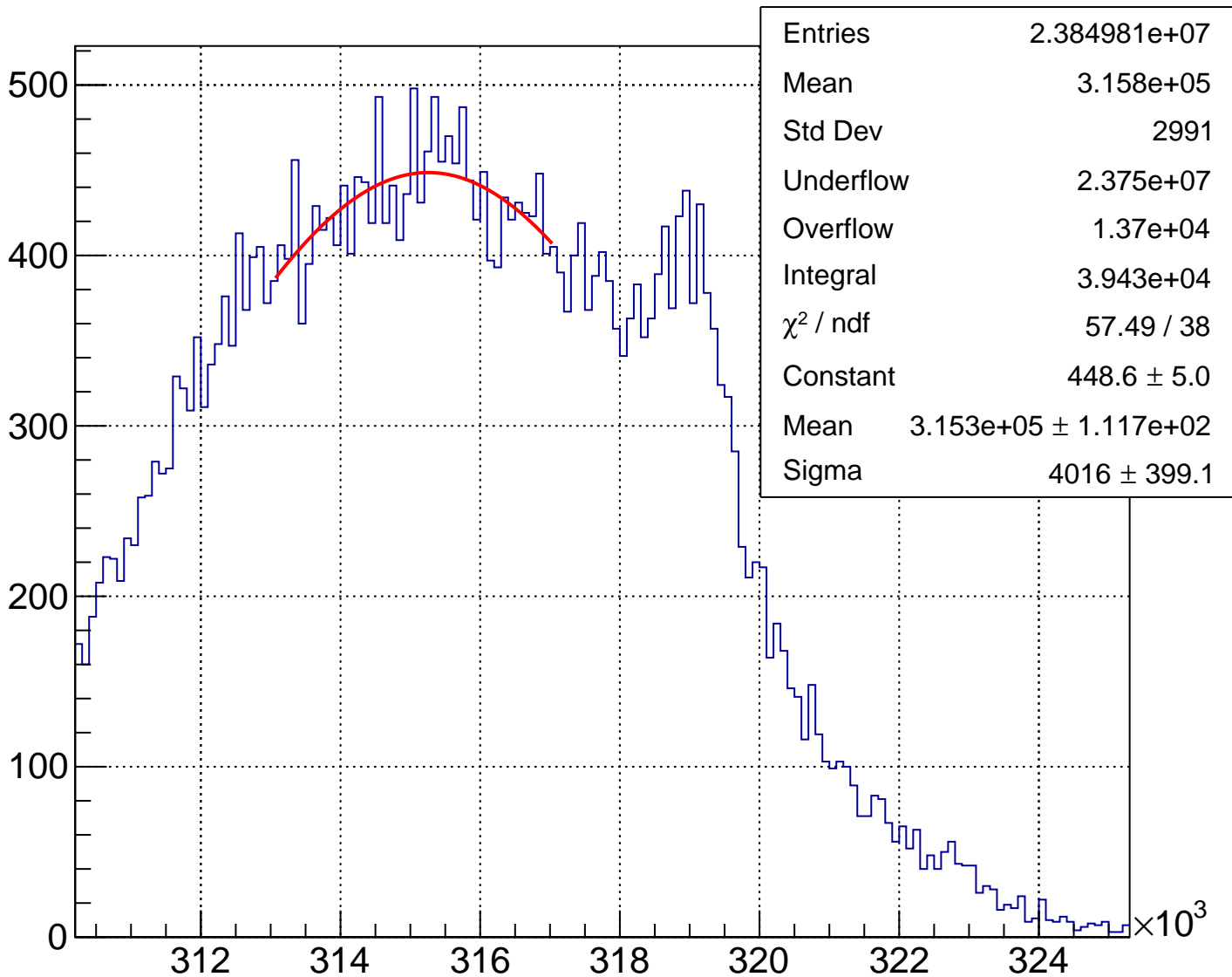
# TOFUT\_19



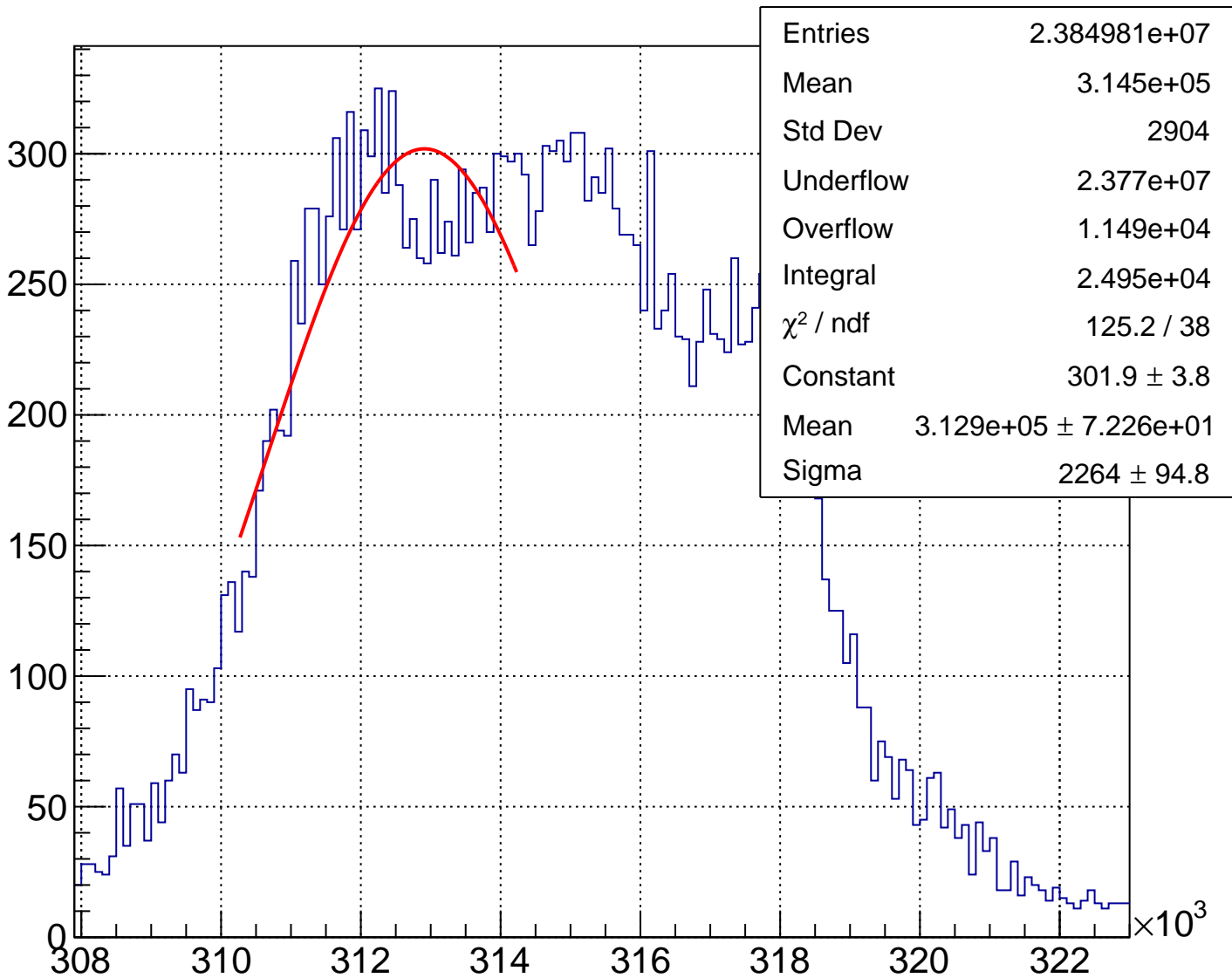
# TOFUT\_20



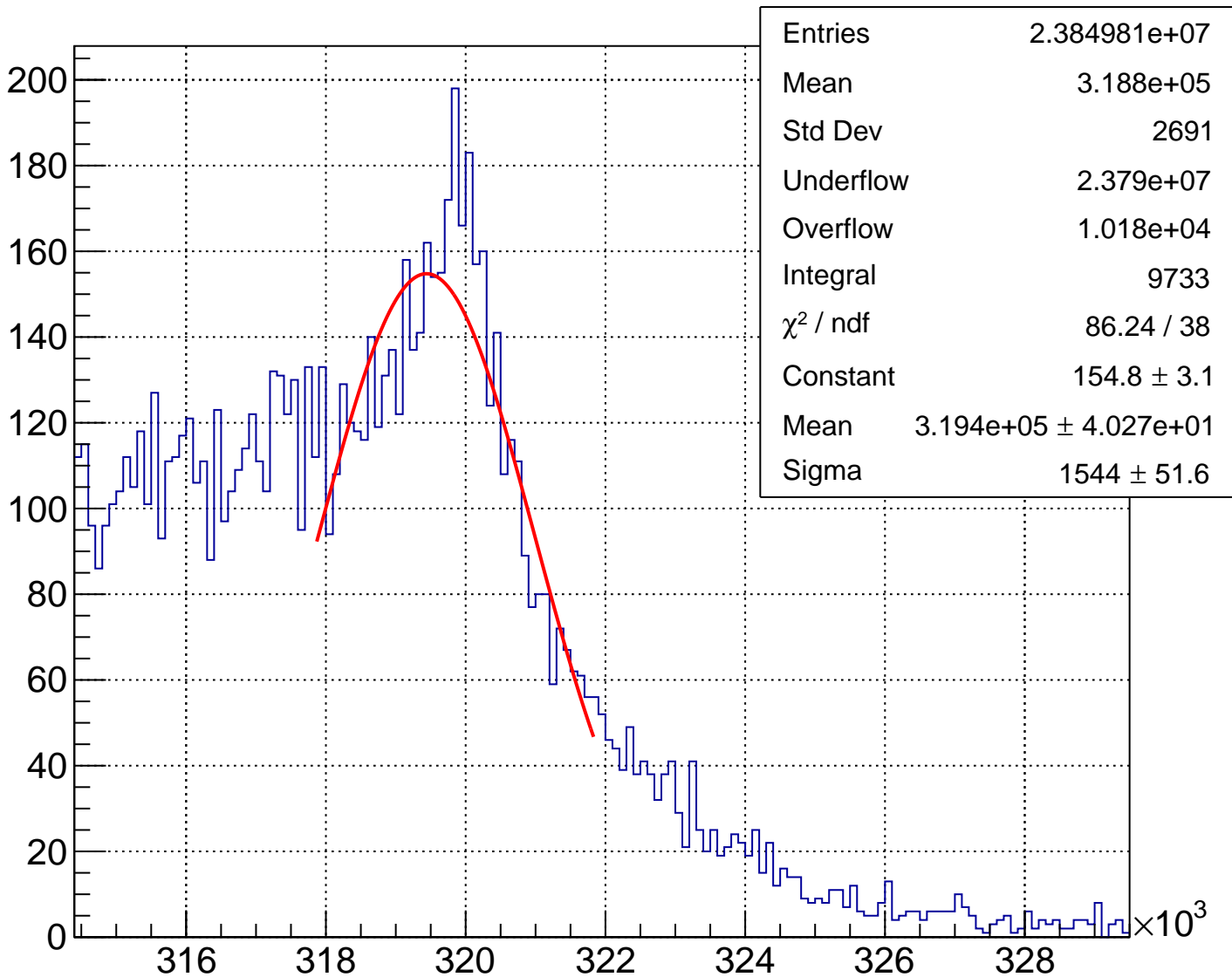
# TOFUT\_21



# TOFUT\_22

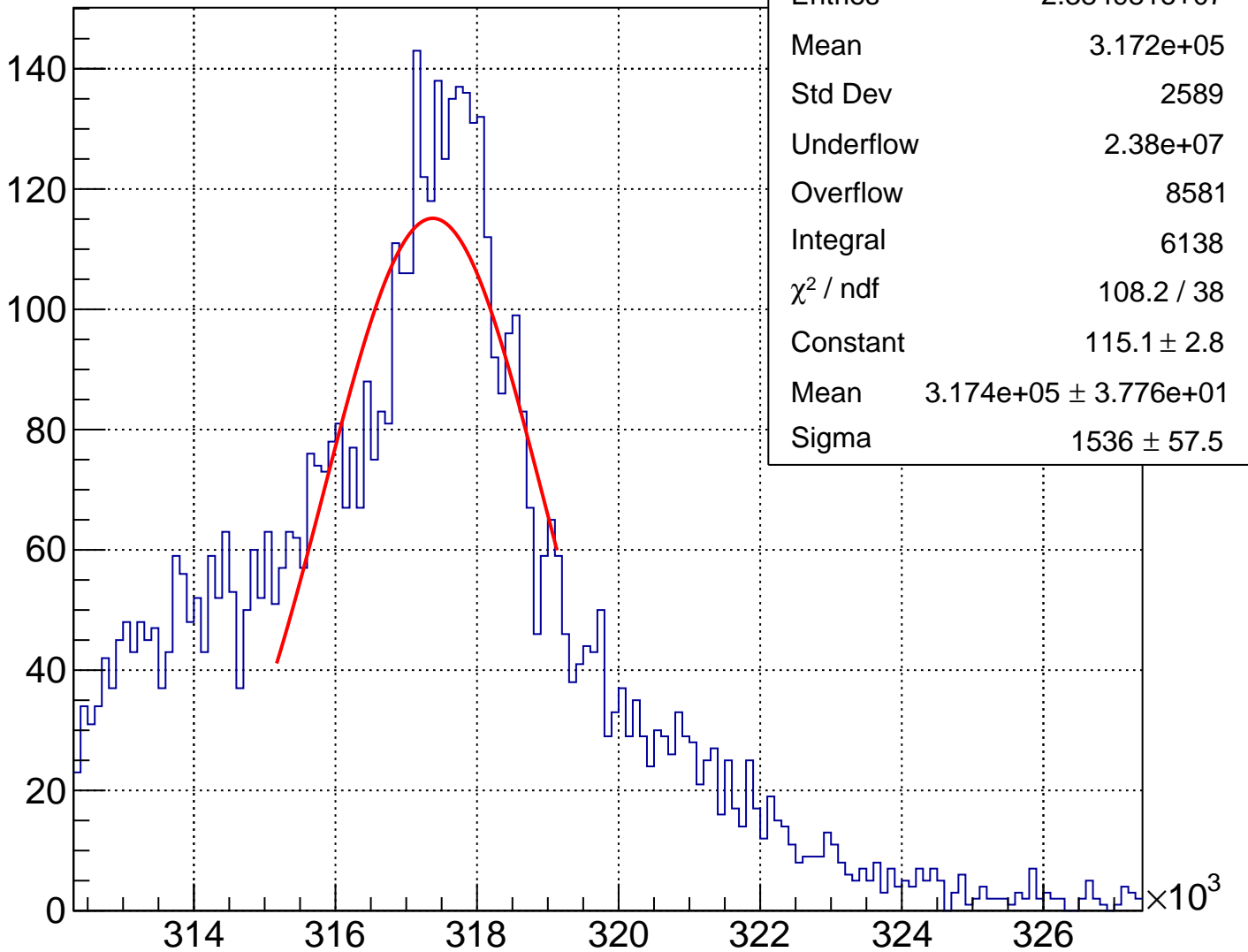


# TOFUT\_23

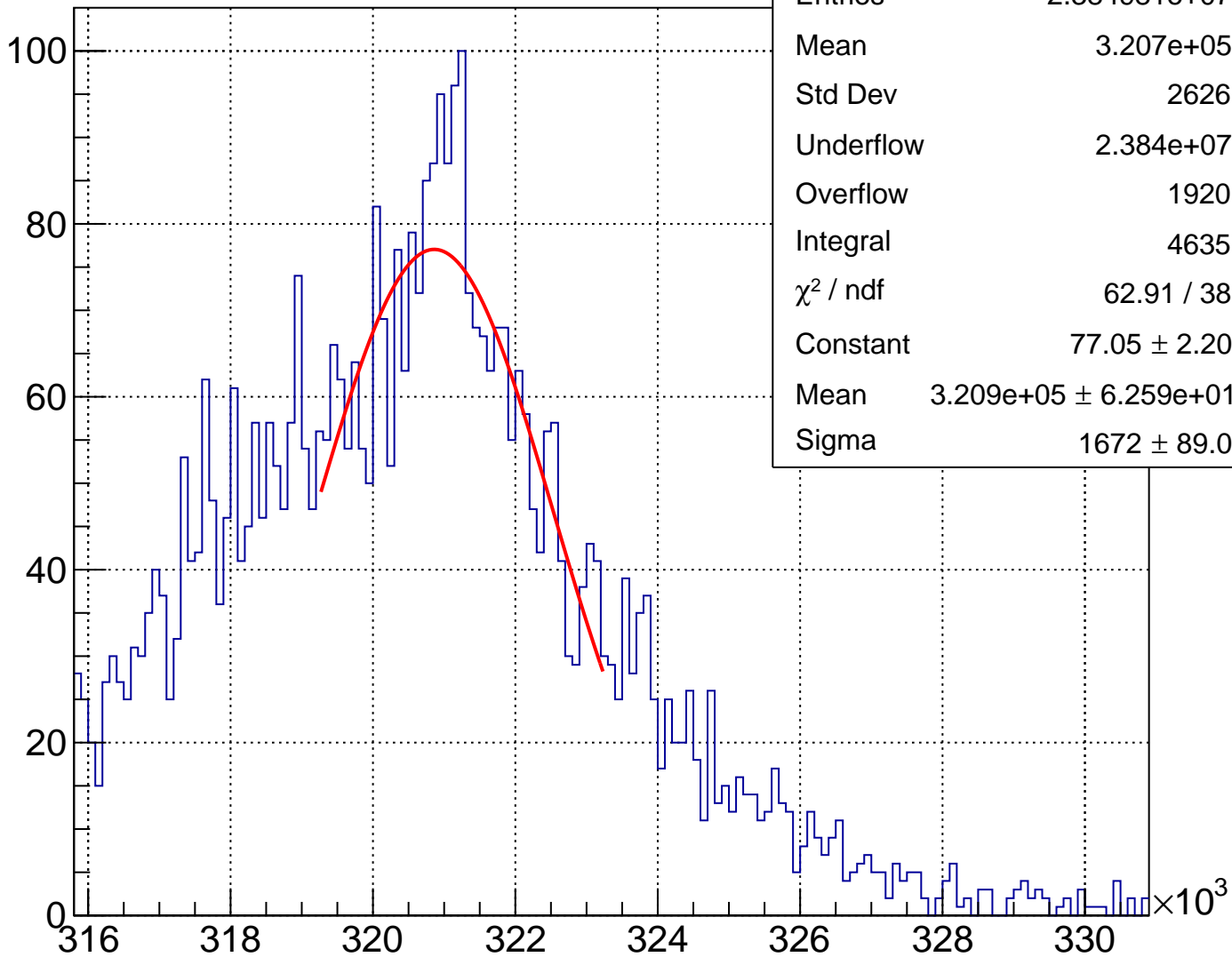




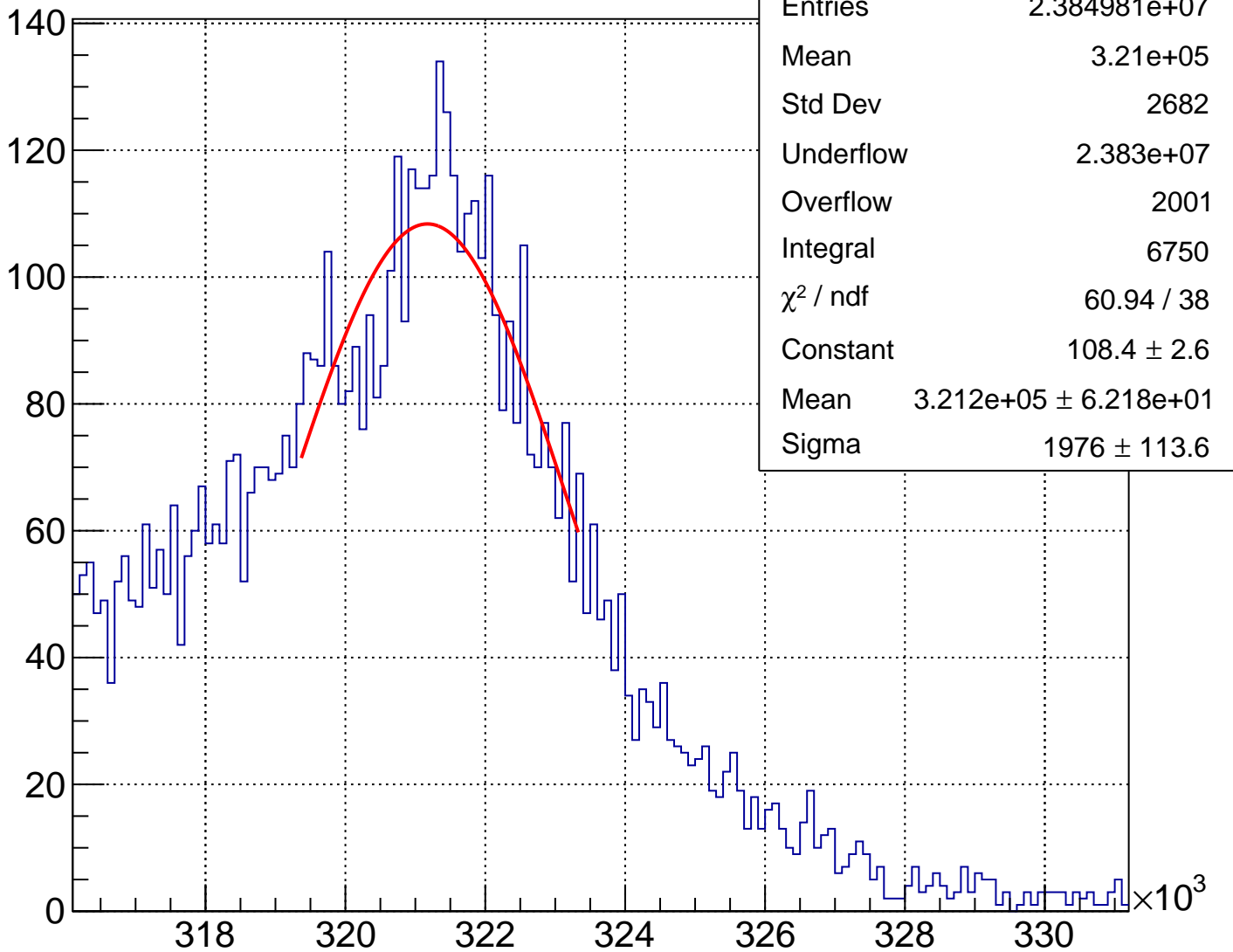
# TOFUT\_24



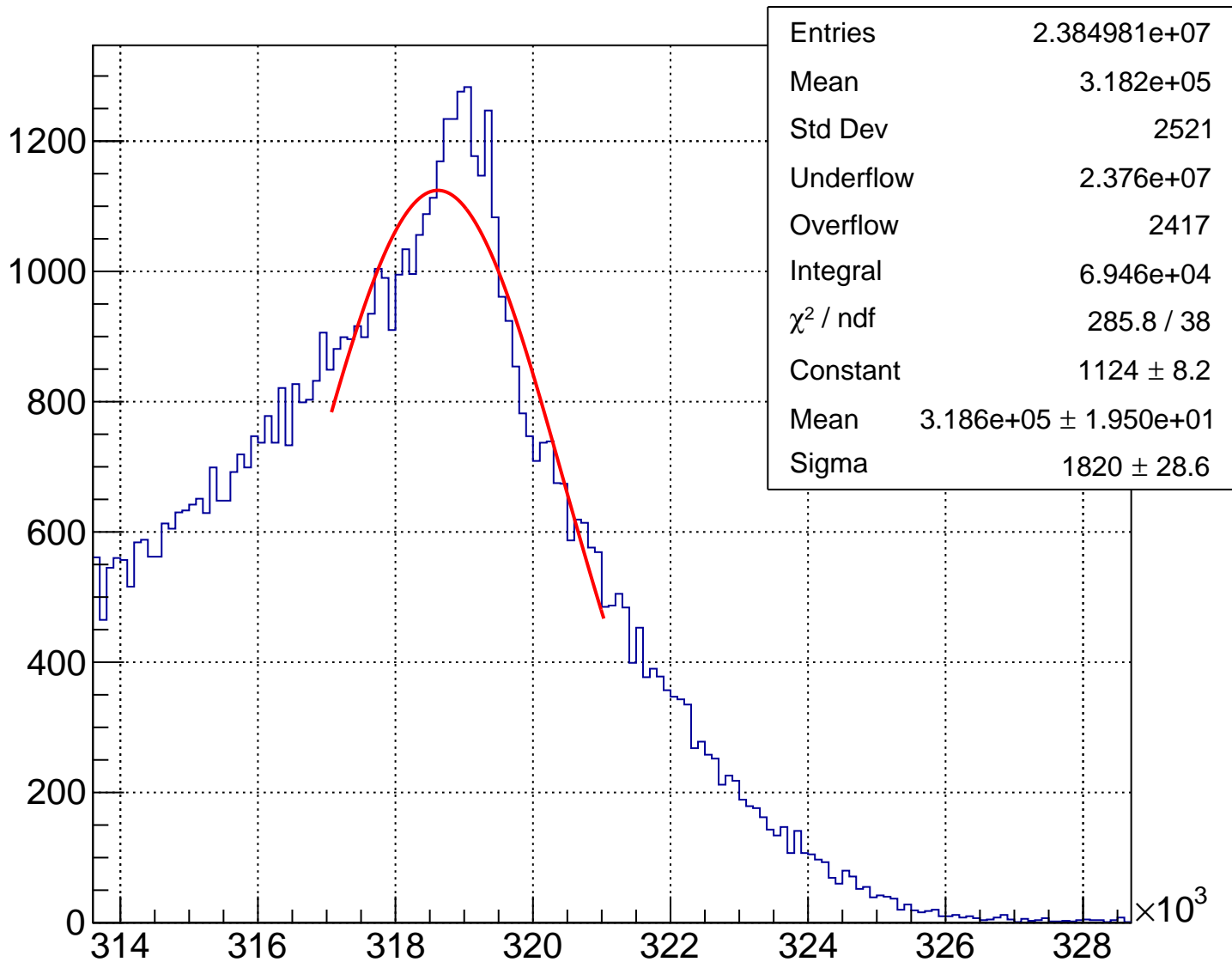
# TOFDT\_1



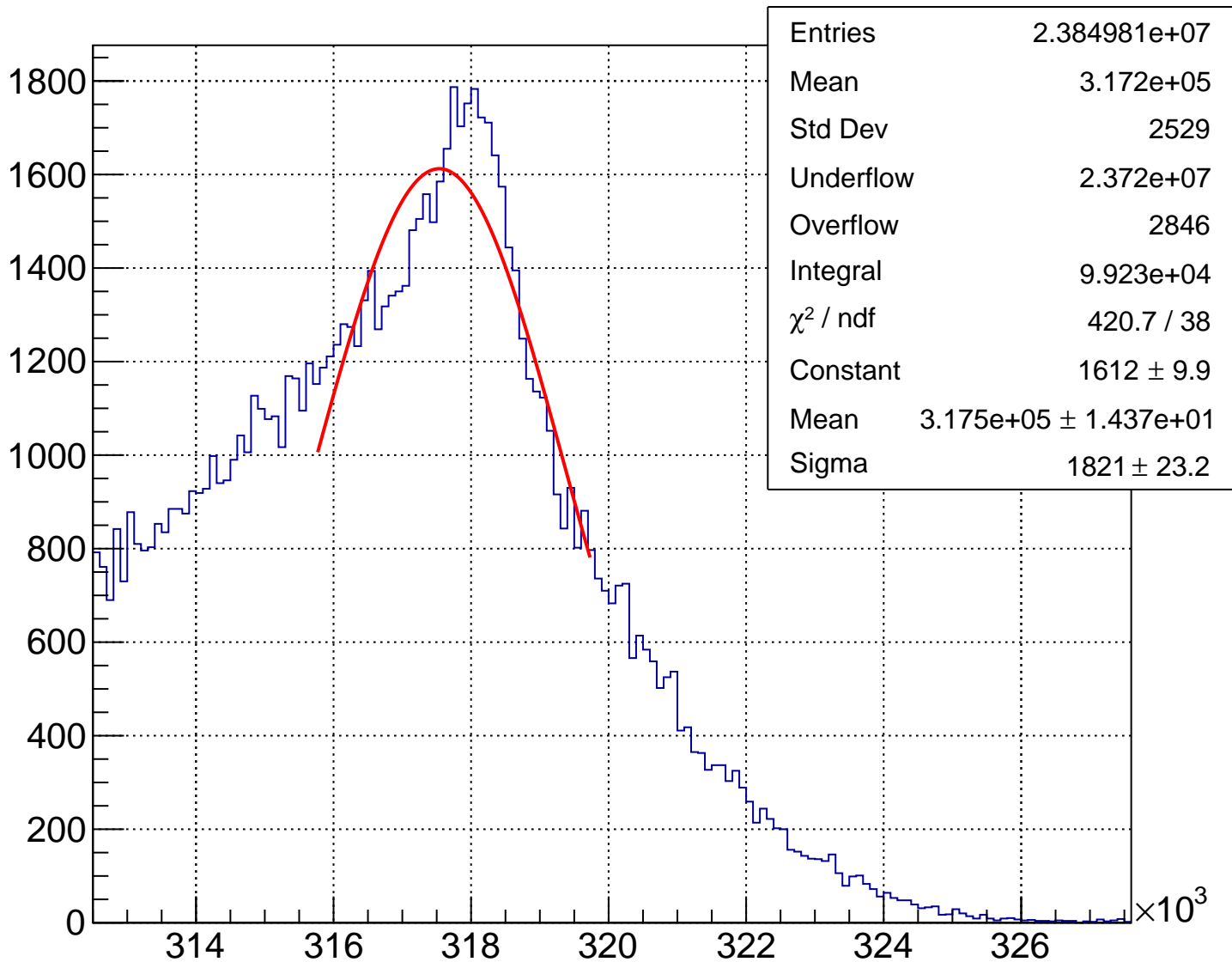
# TOFDT\_2



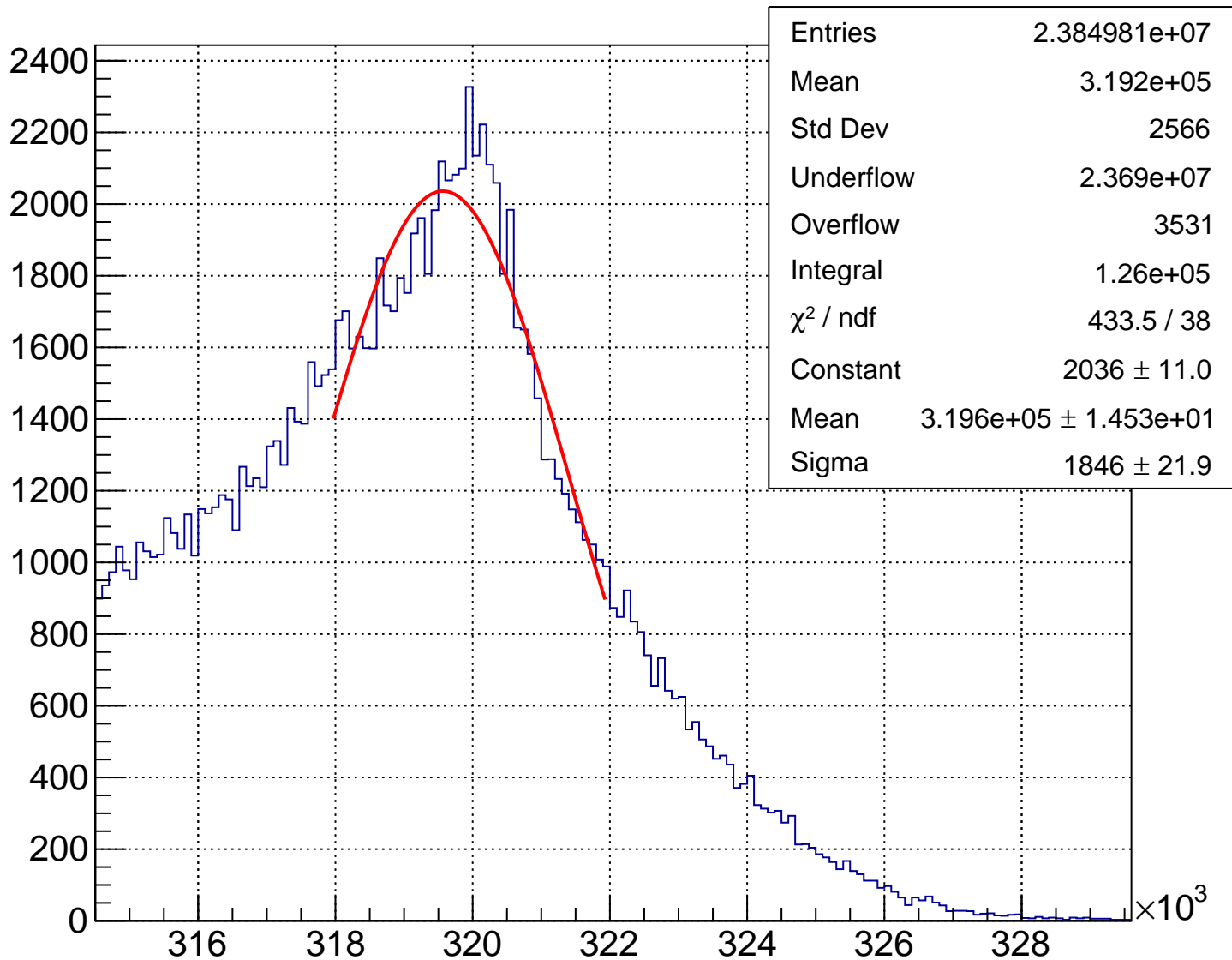
# TOFDT\_3



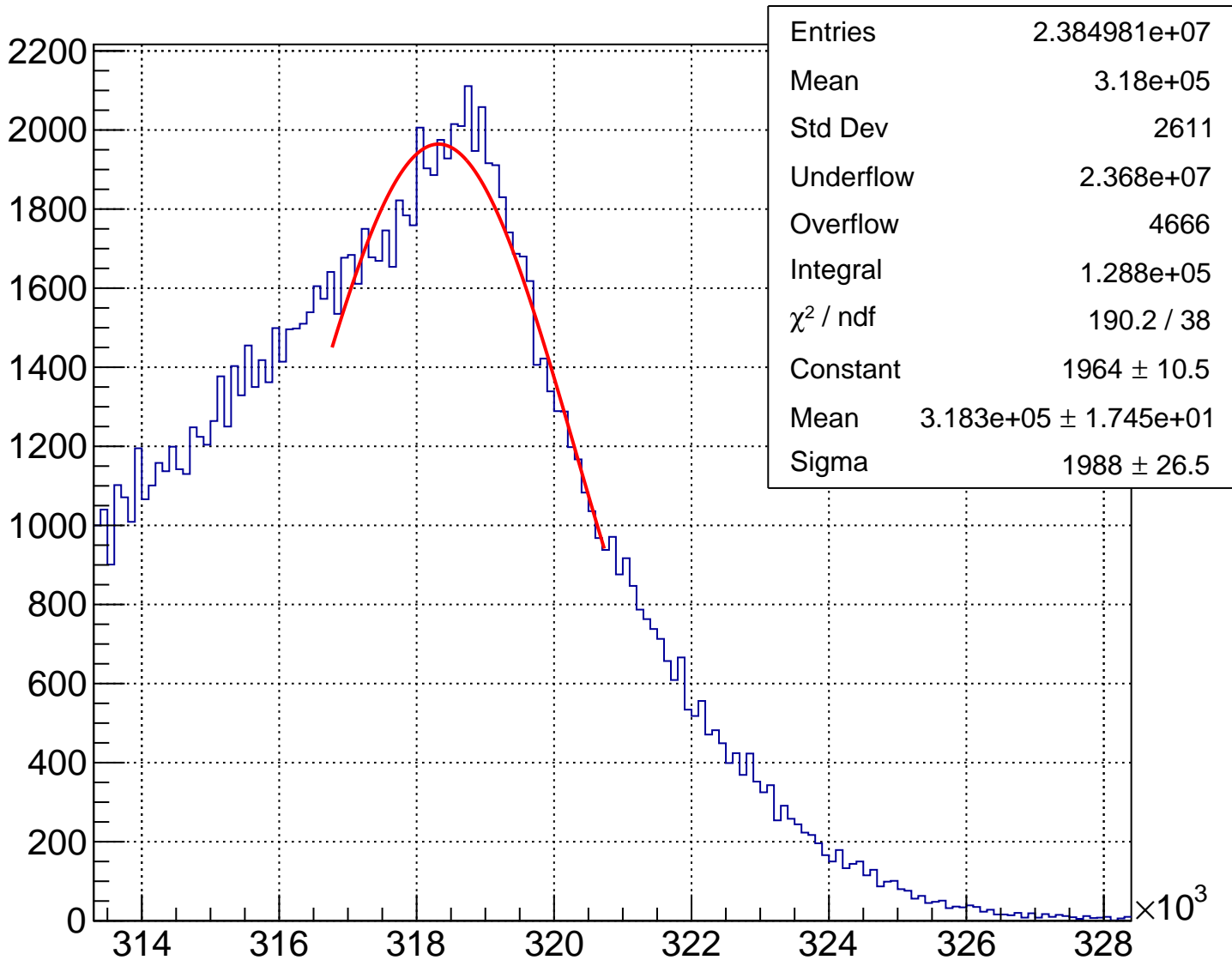
# TOFDT\_4



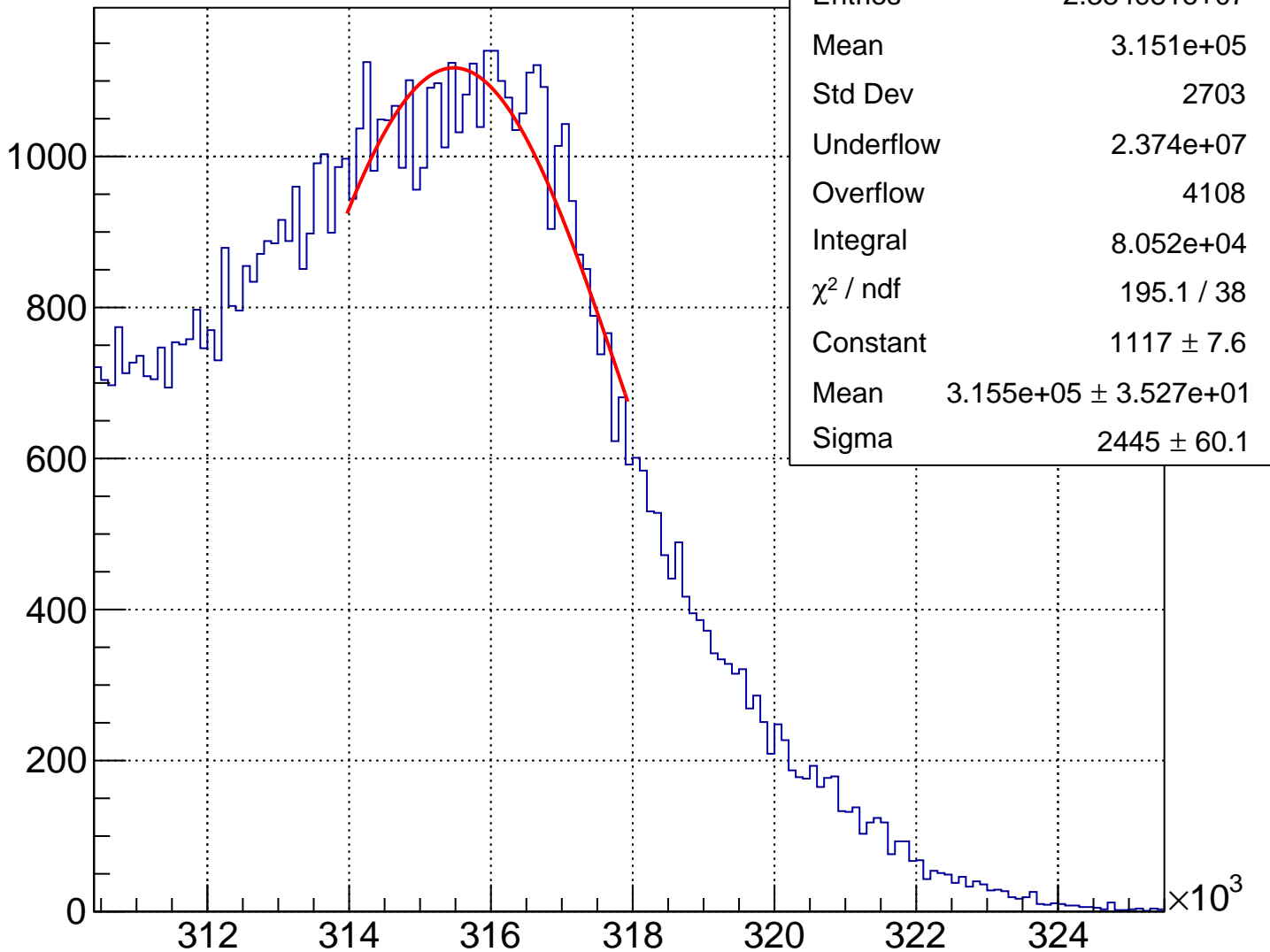
# TOFDT\_5



# TOFDT\_6

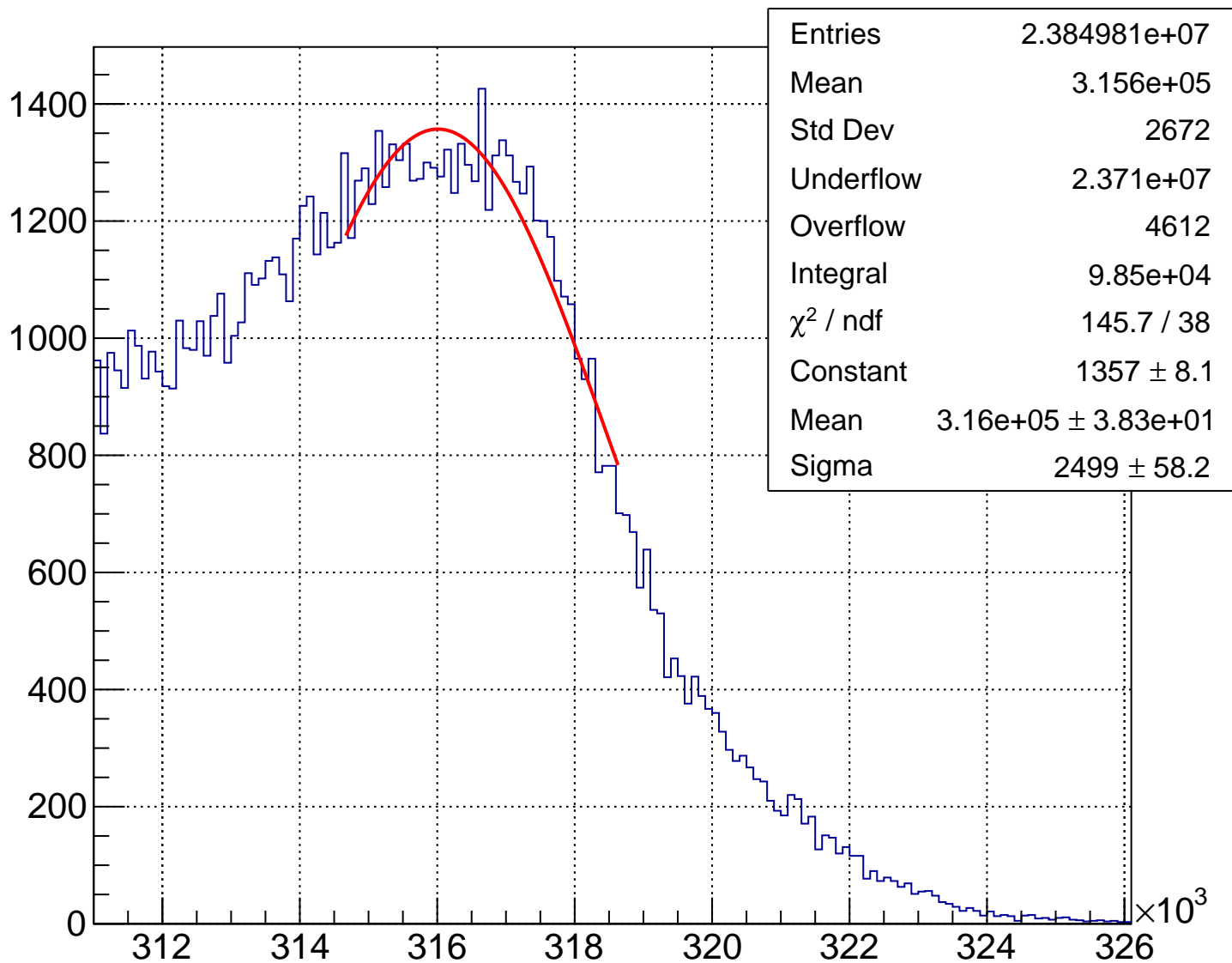


# TOFDT\_7

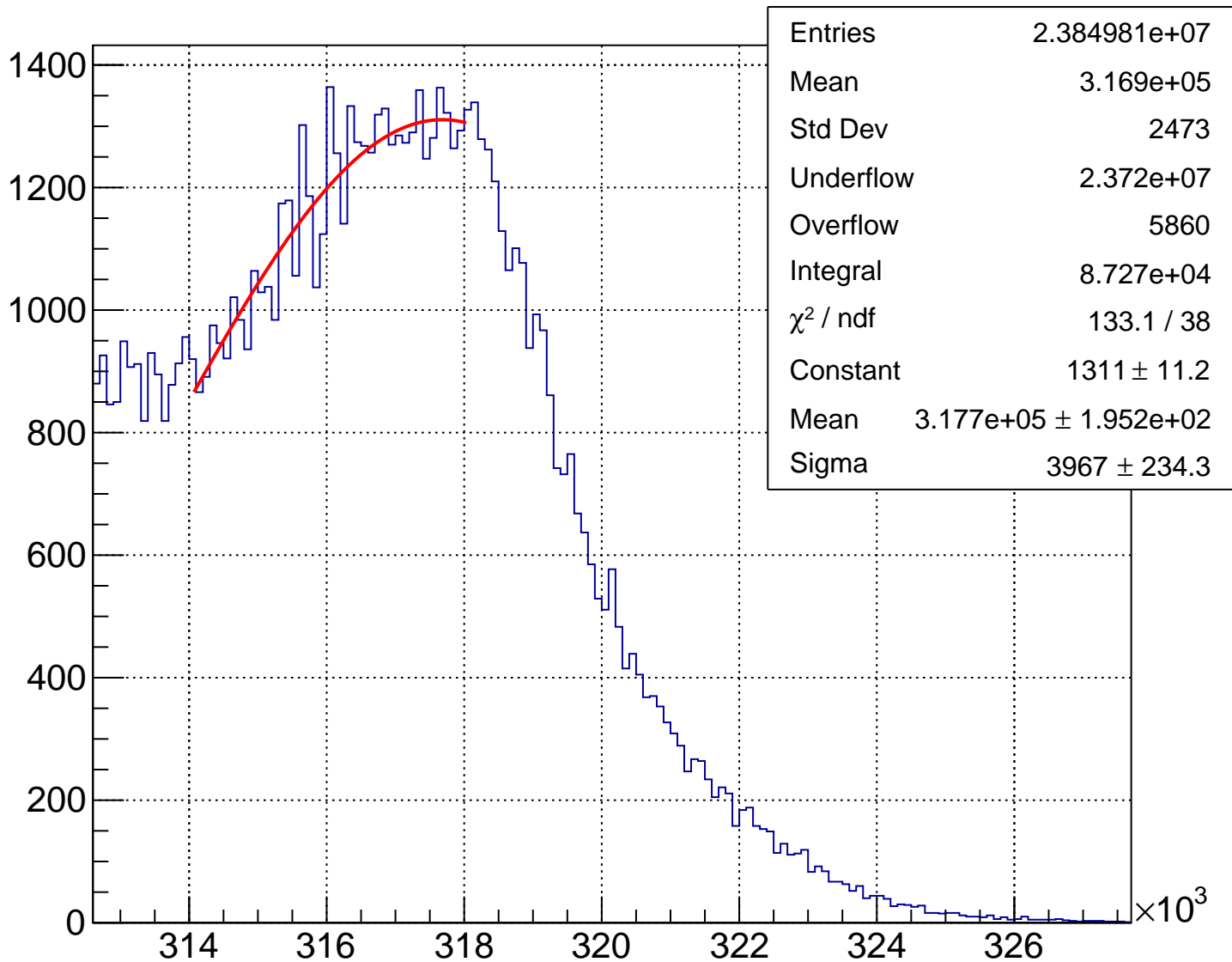




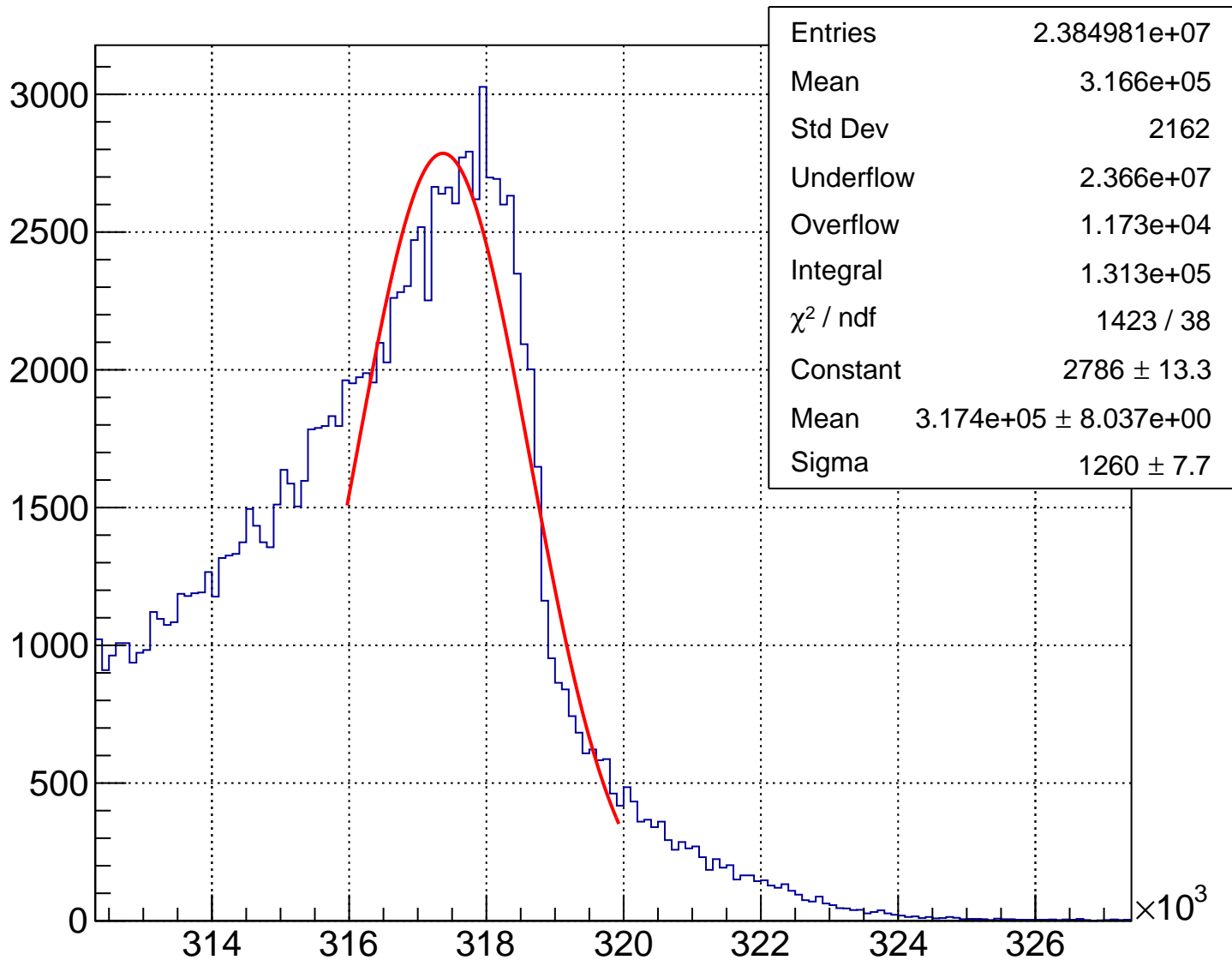
# TOFDT\_8



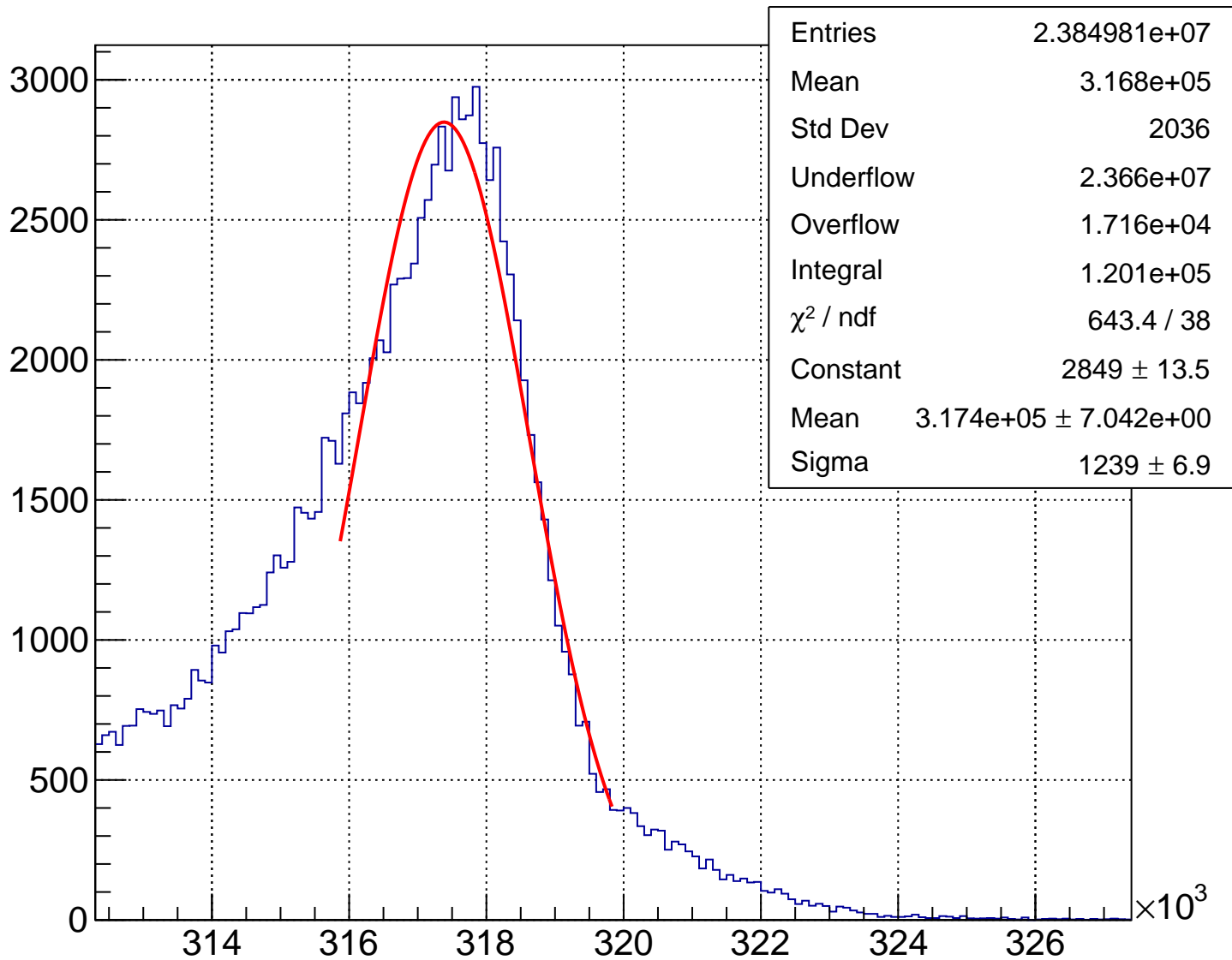
# TOFDT\_9



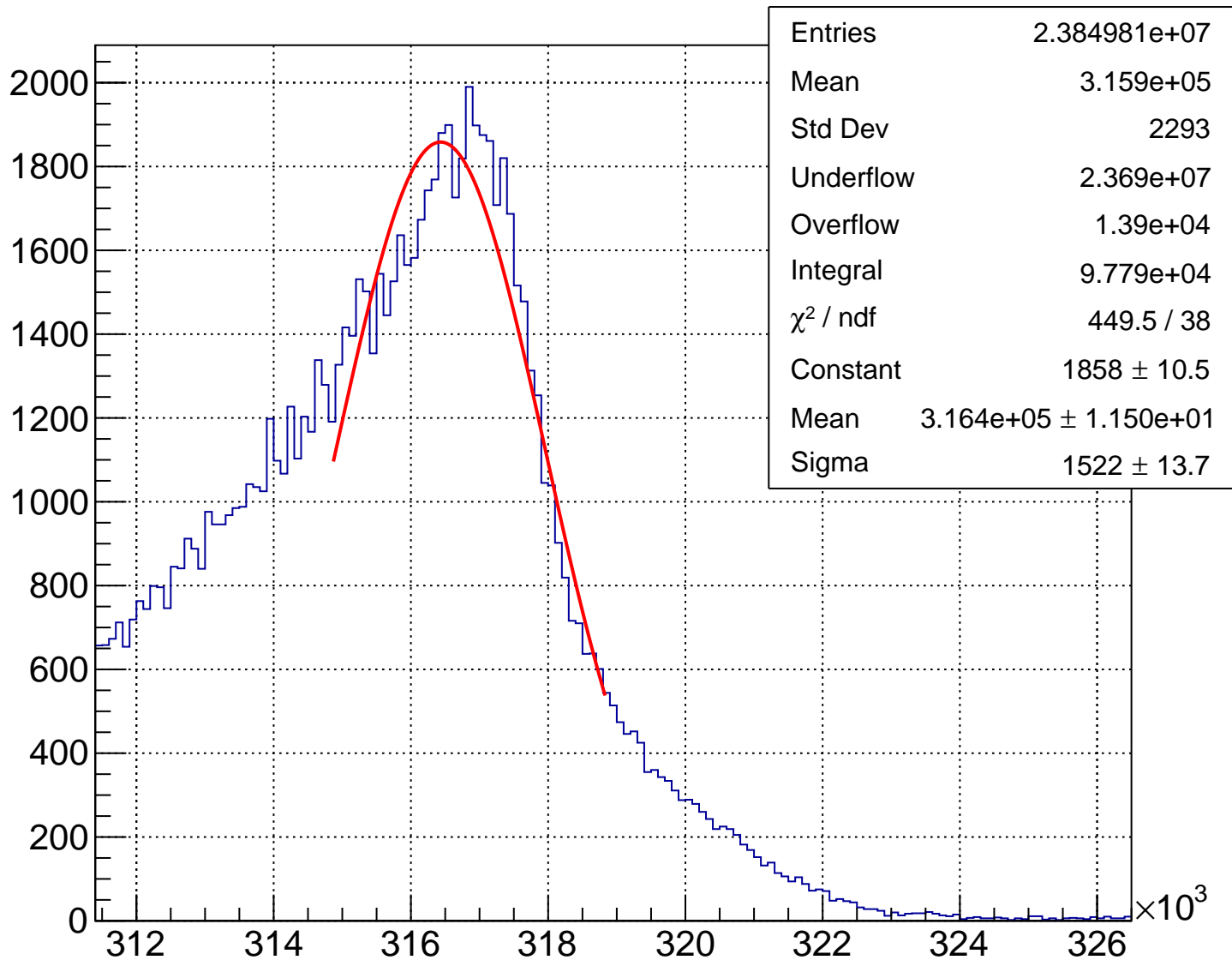
# TOFDT\_10



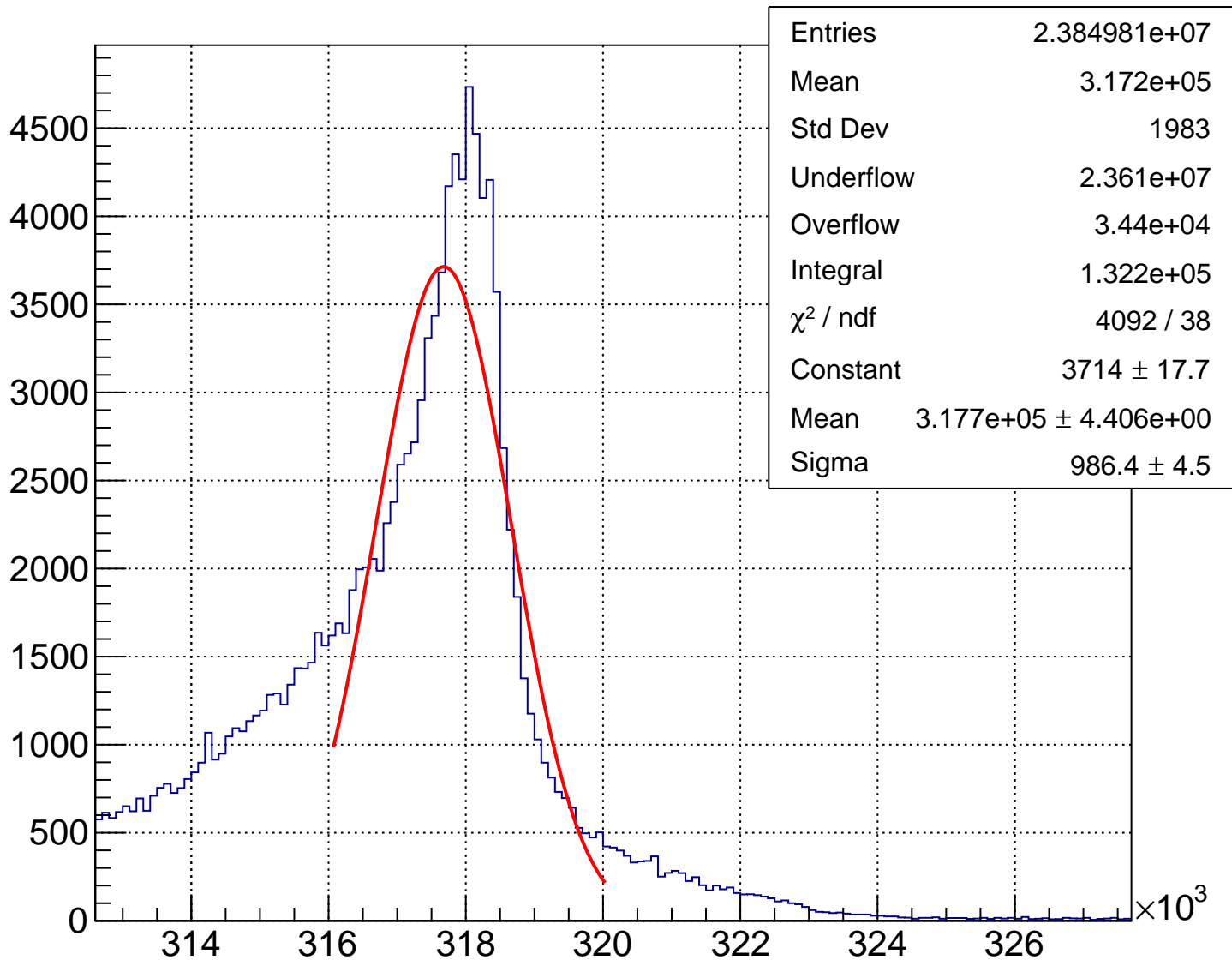
# TOFDT\_11



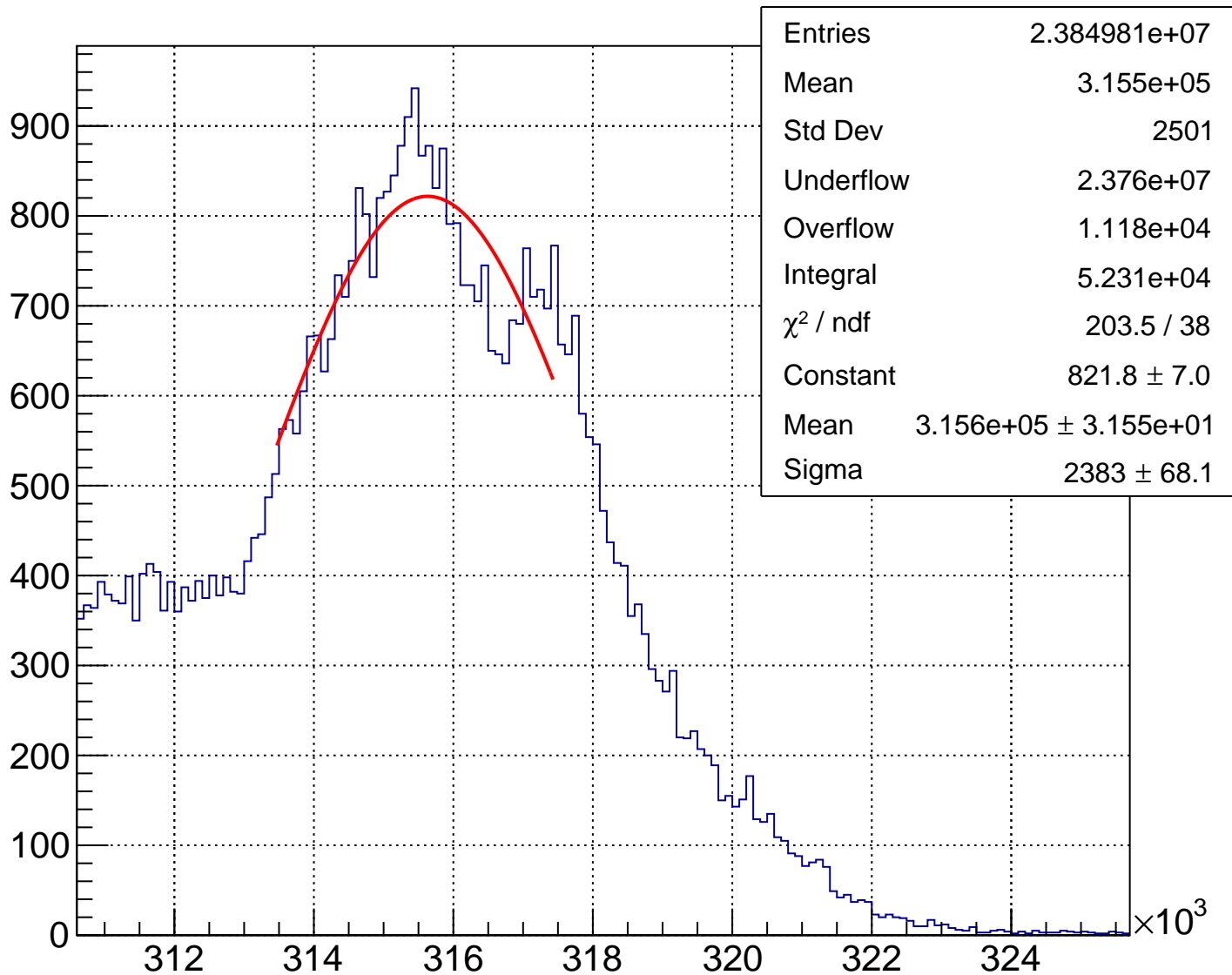
# TOFDT\_12



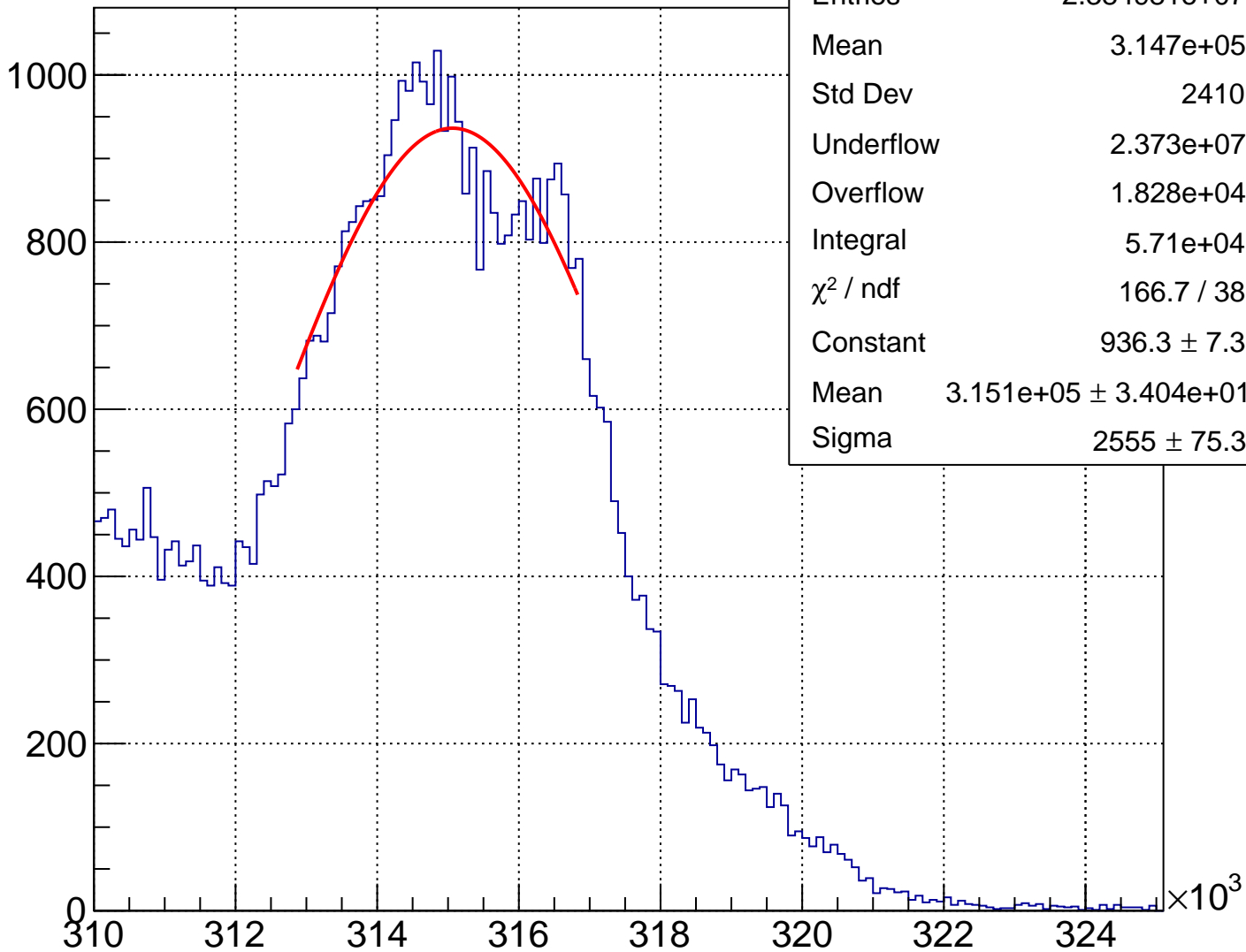
# TOFDT\_13



# TOFDT\_14

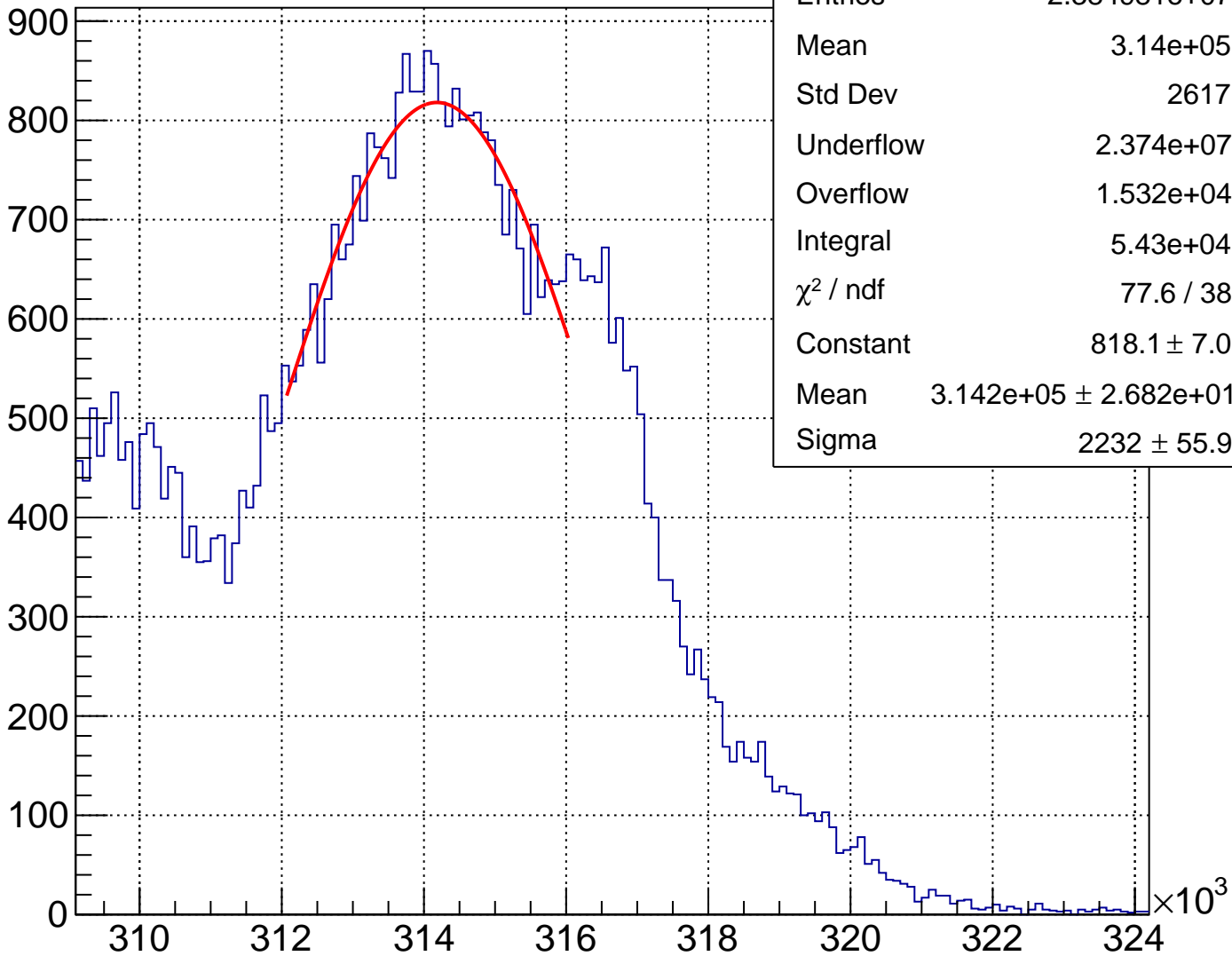


# TOFDT\_15

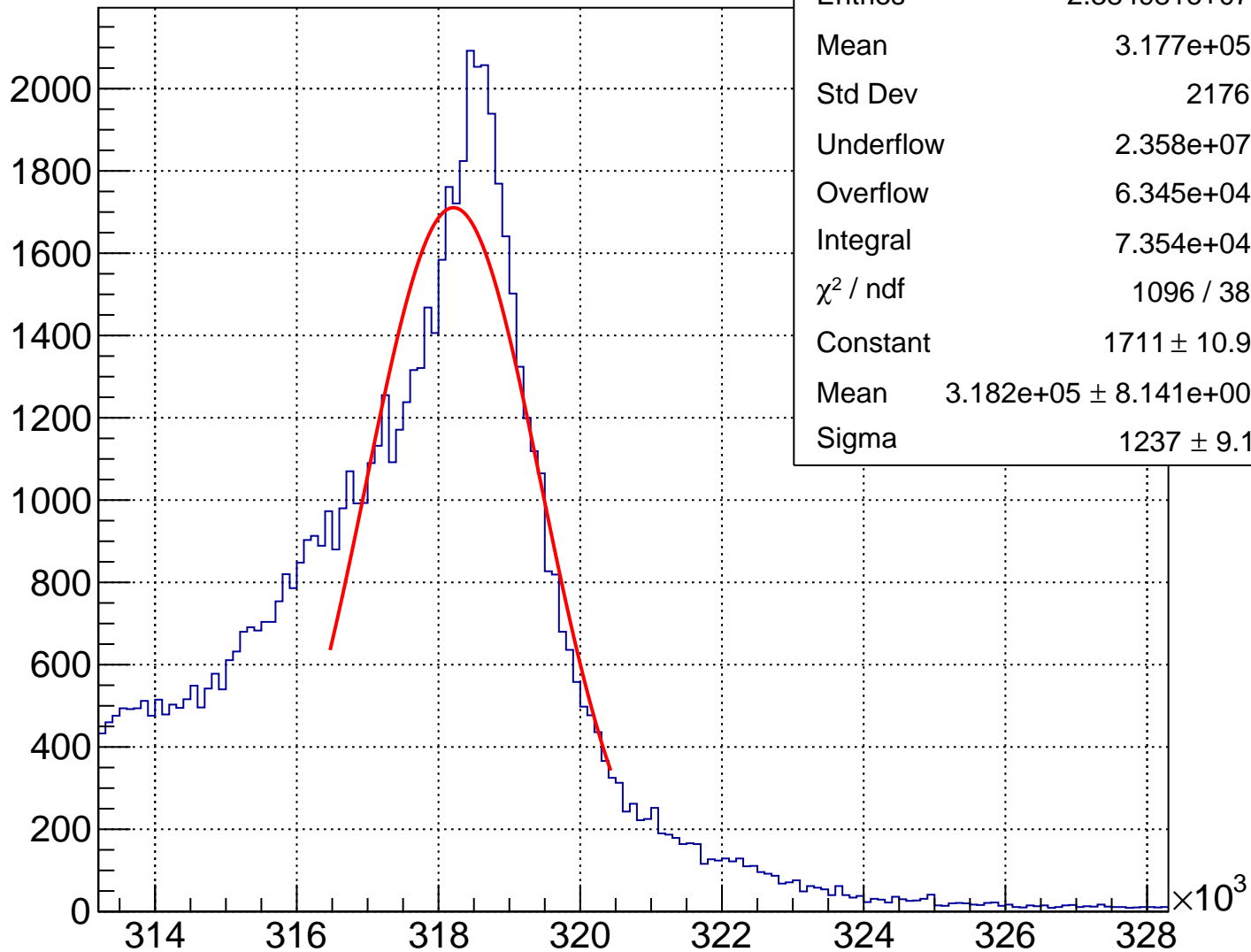




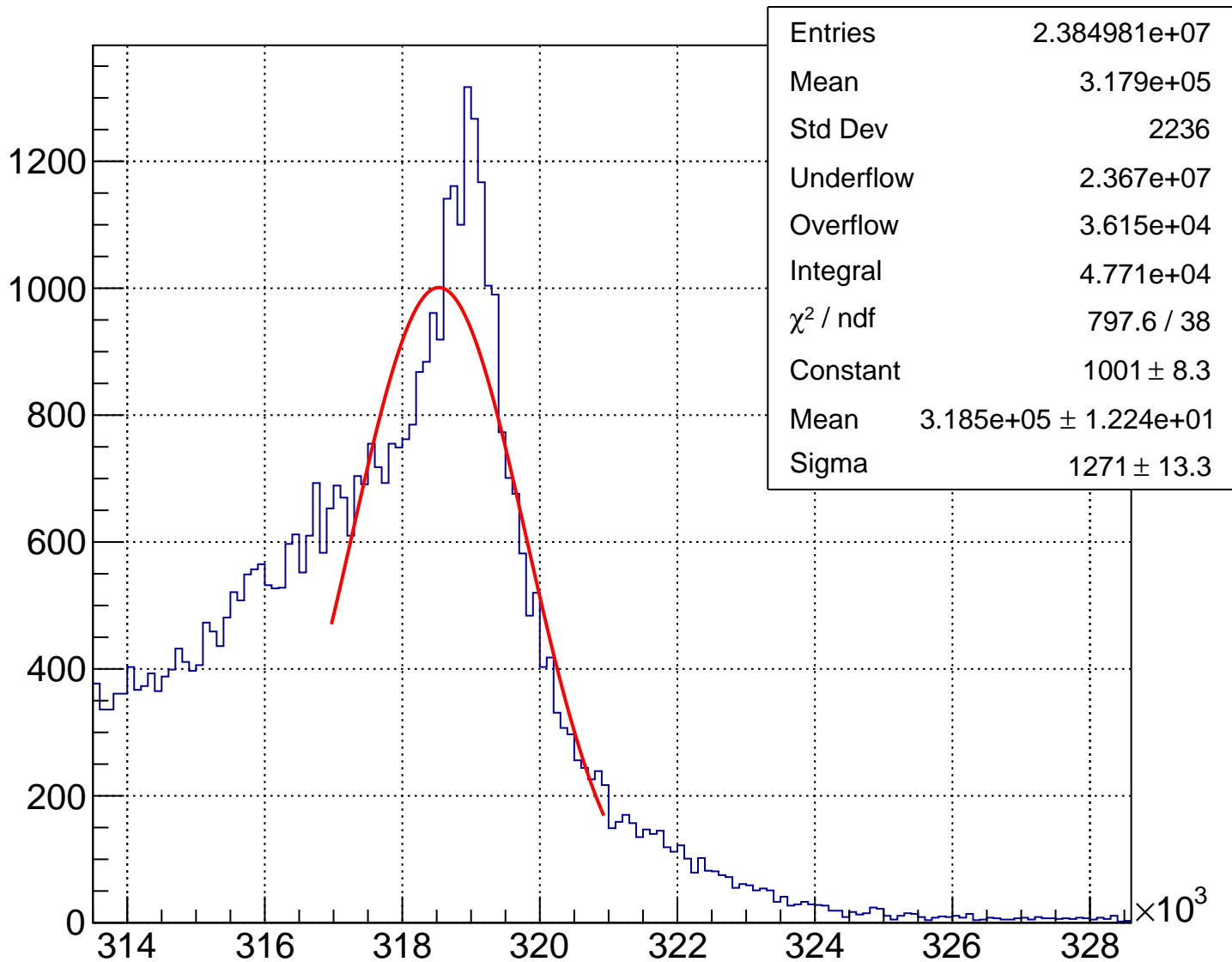
# TOFDT\_16



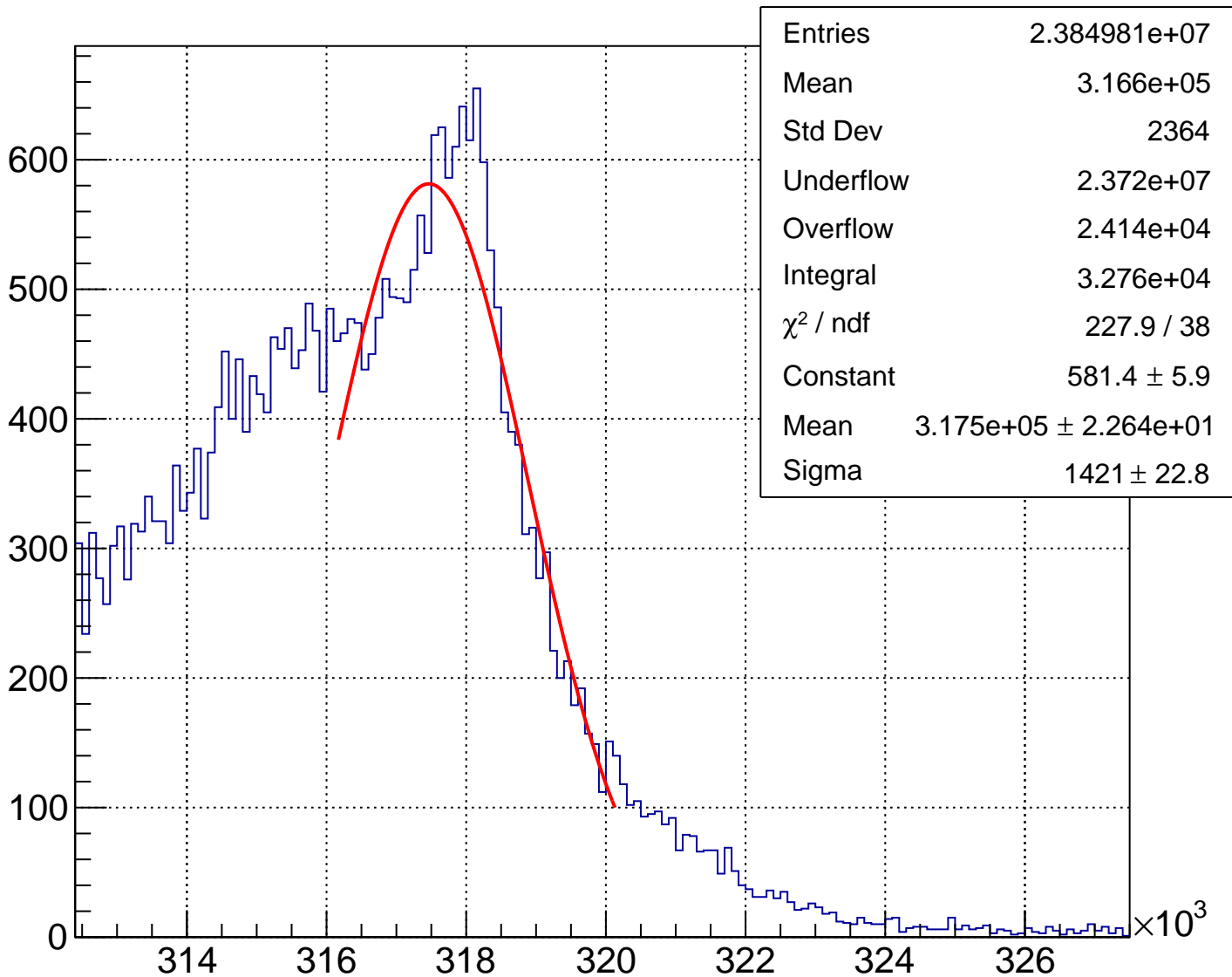
# TOFDT\_17



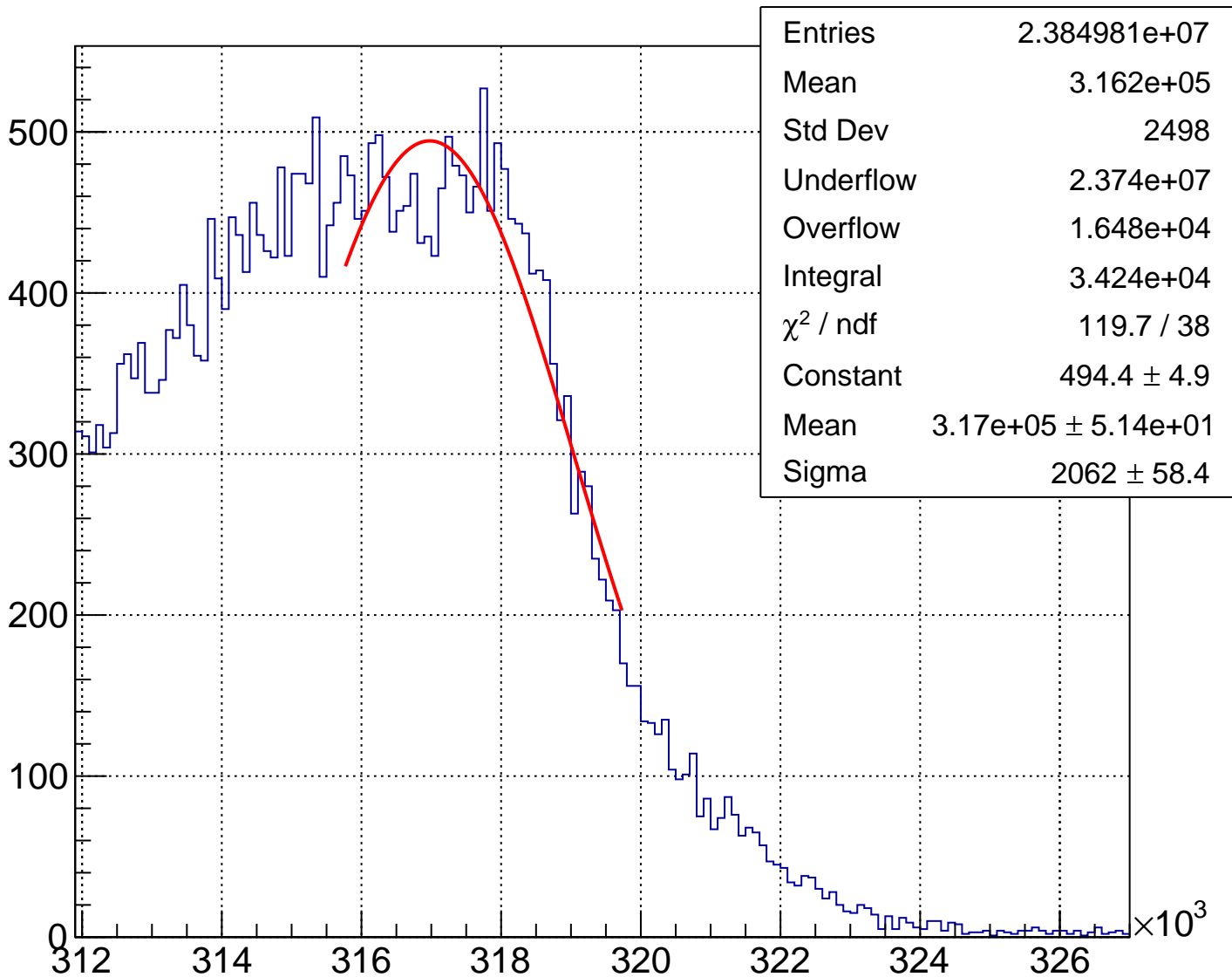
# TOFDT\_18



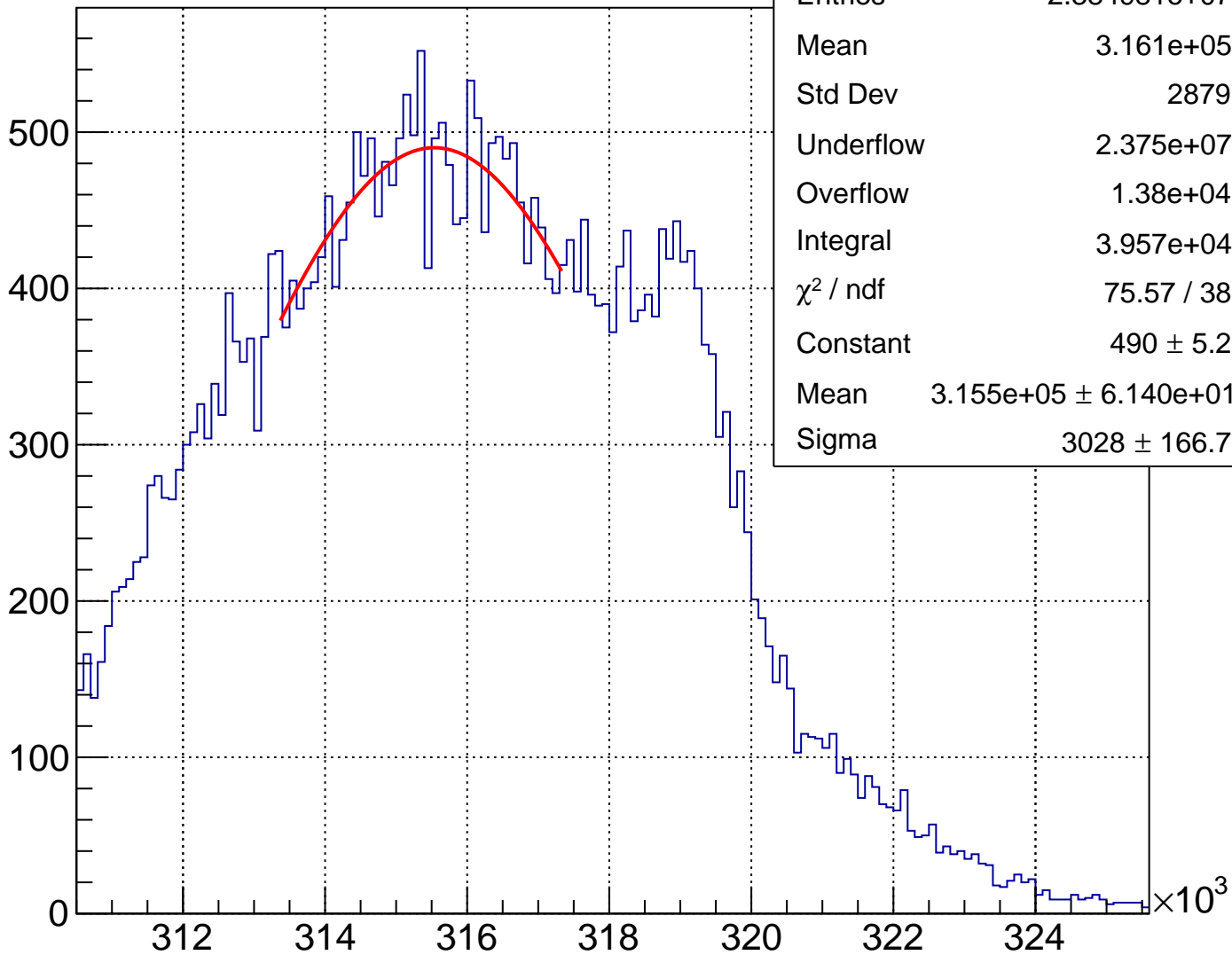
# TOFDT\_19



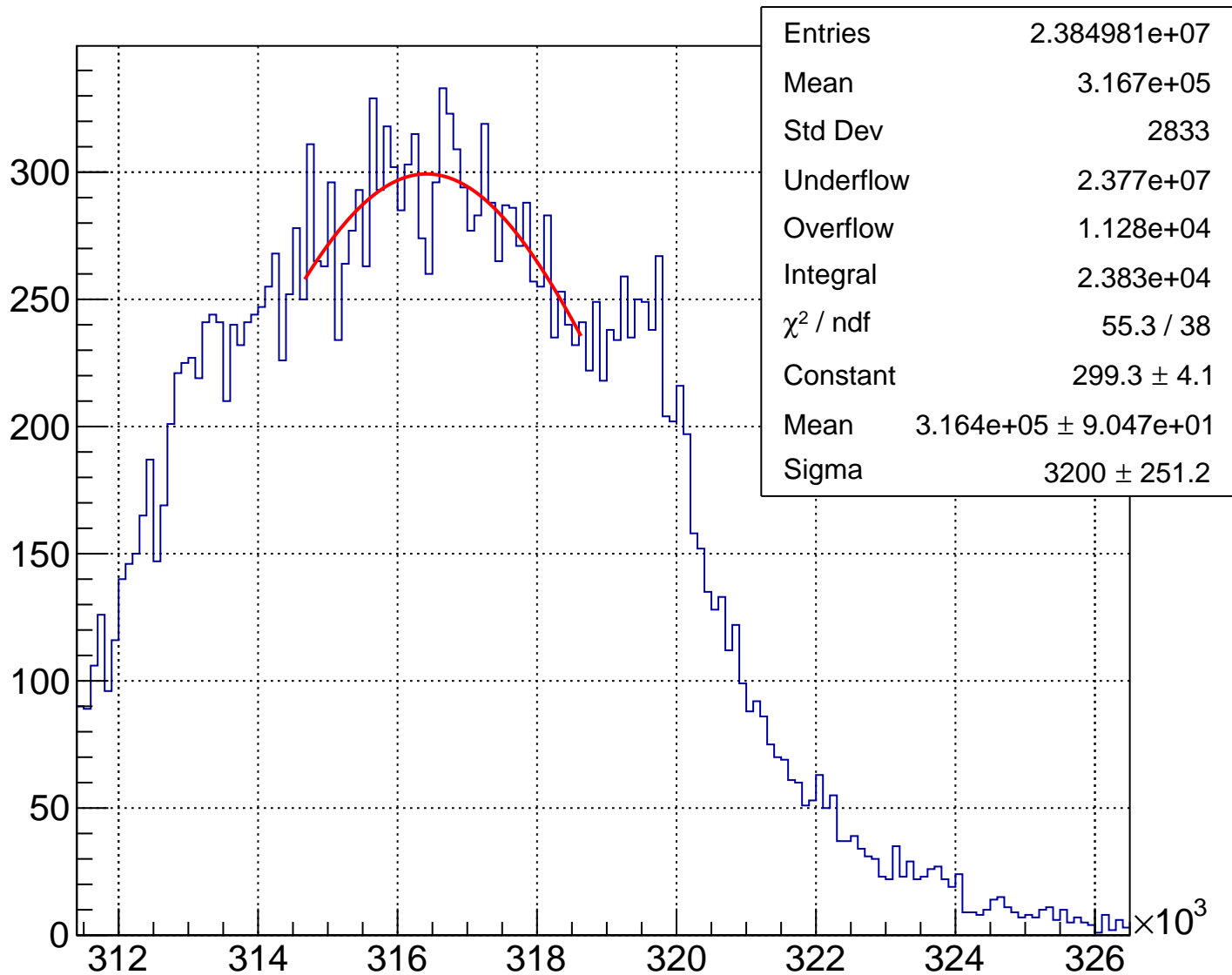
# TOFDT\_20



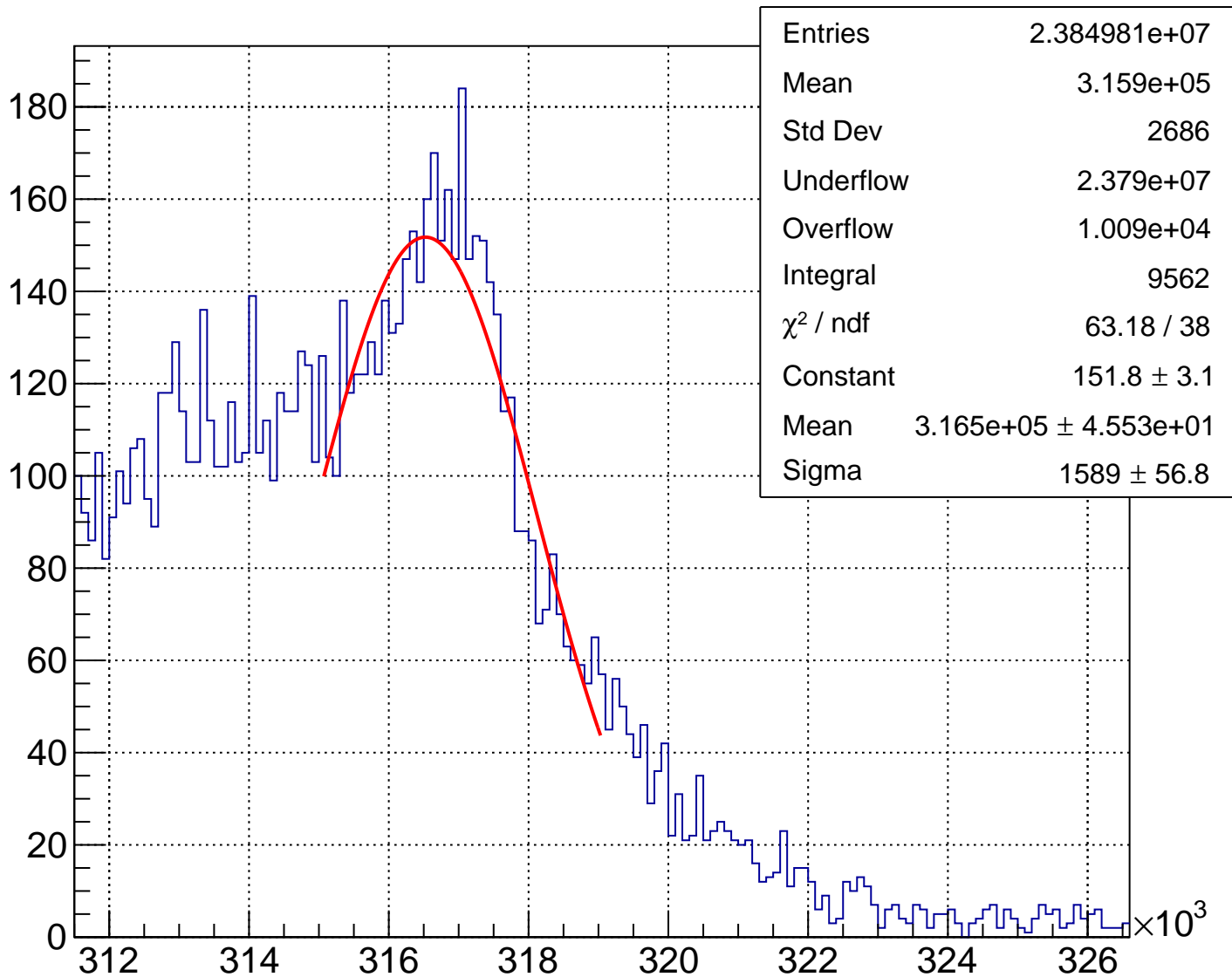
# TOFDT\_21



# TOFDT\_22

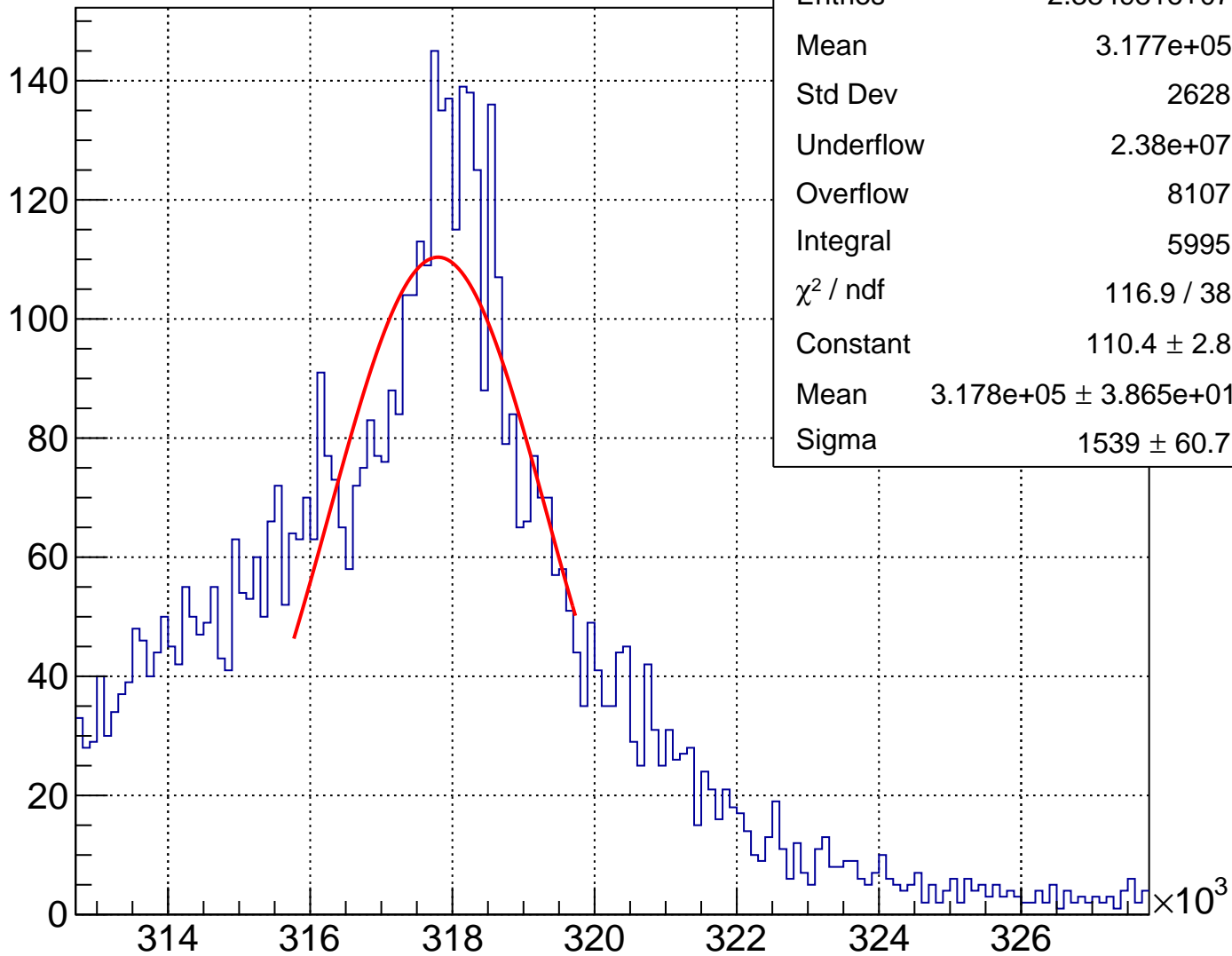


# TOFDT\_23

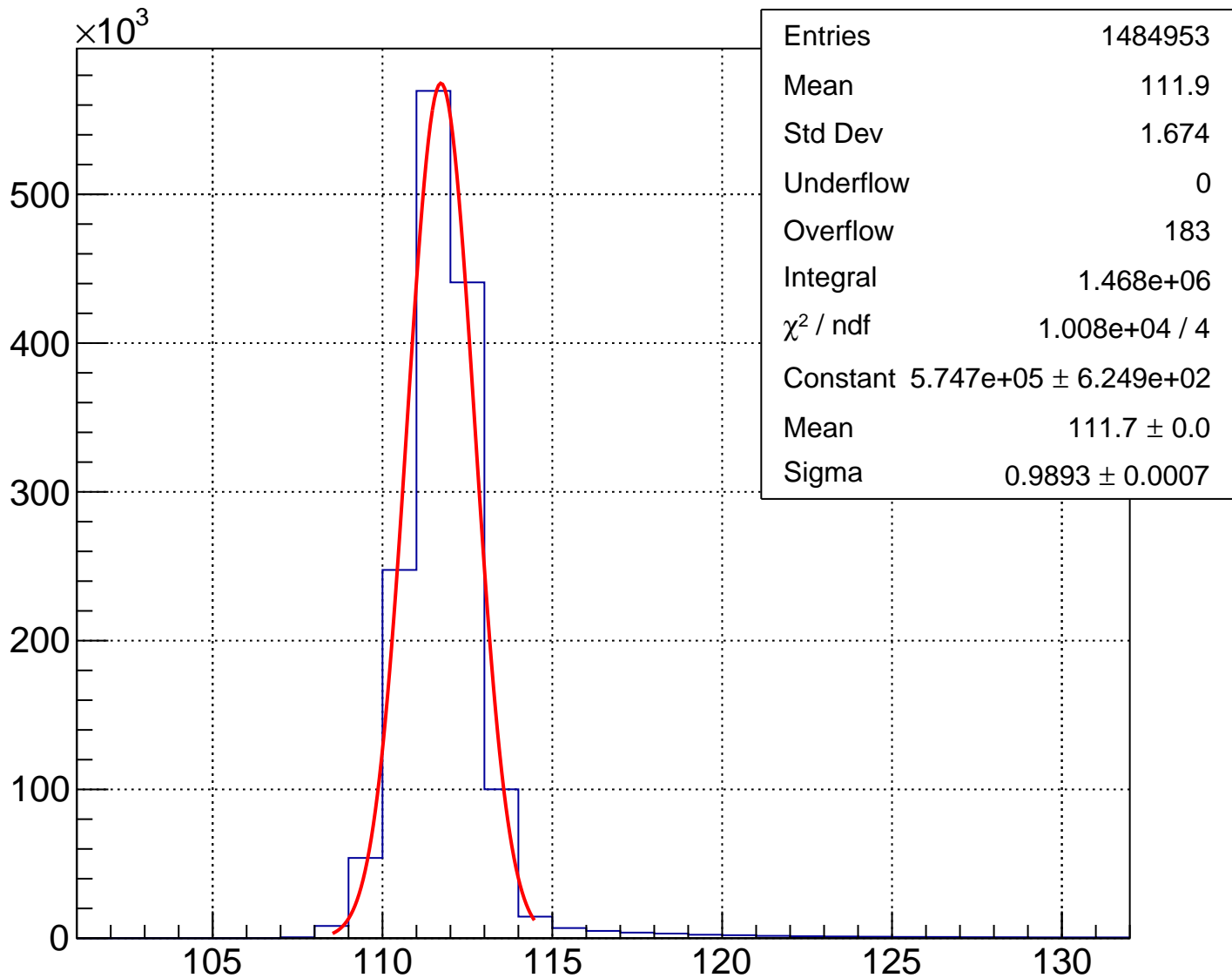




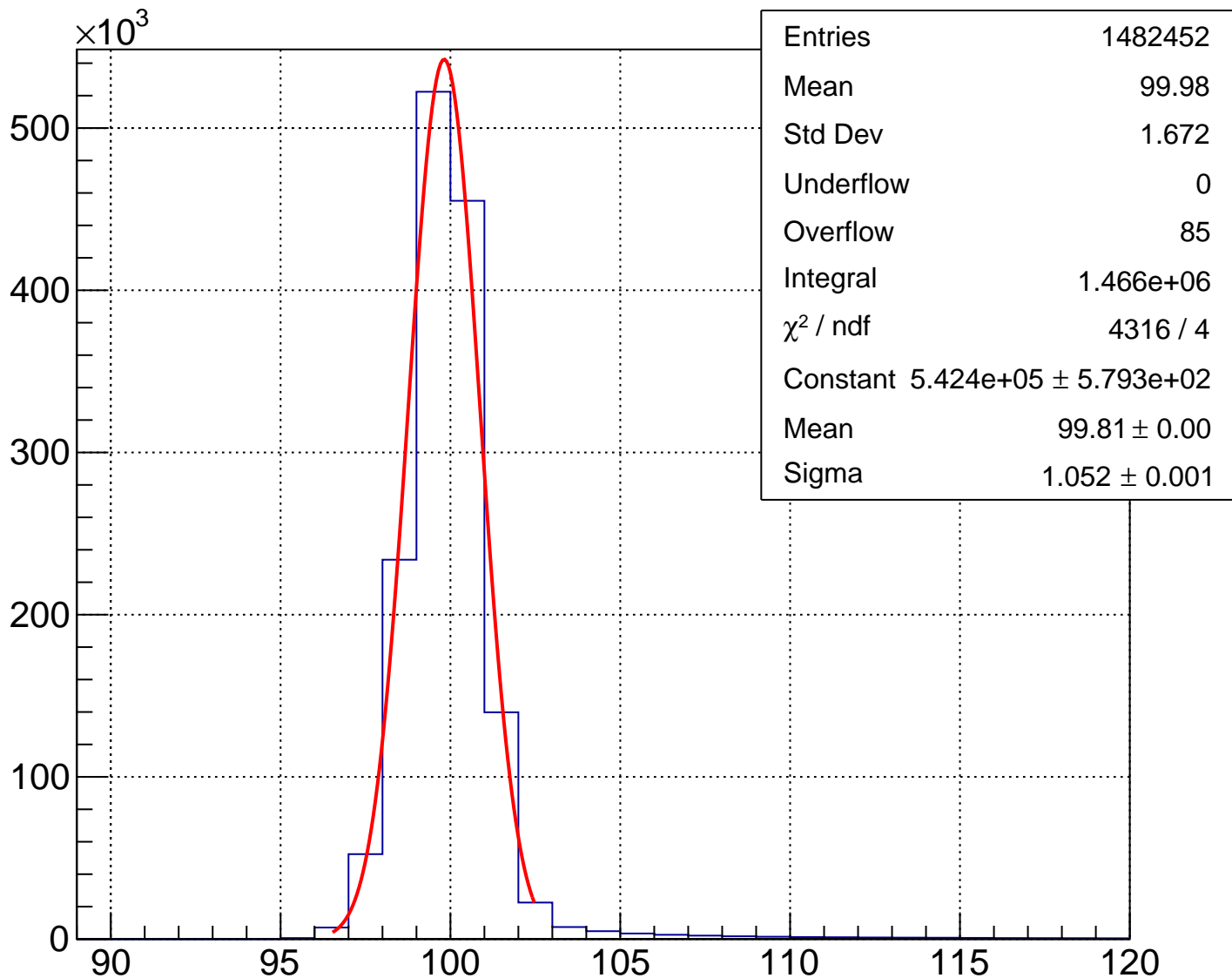
# TOFDT\_24



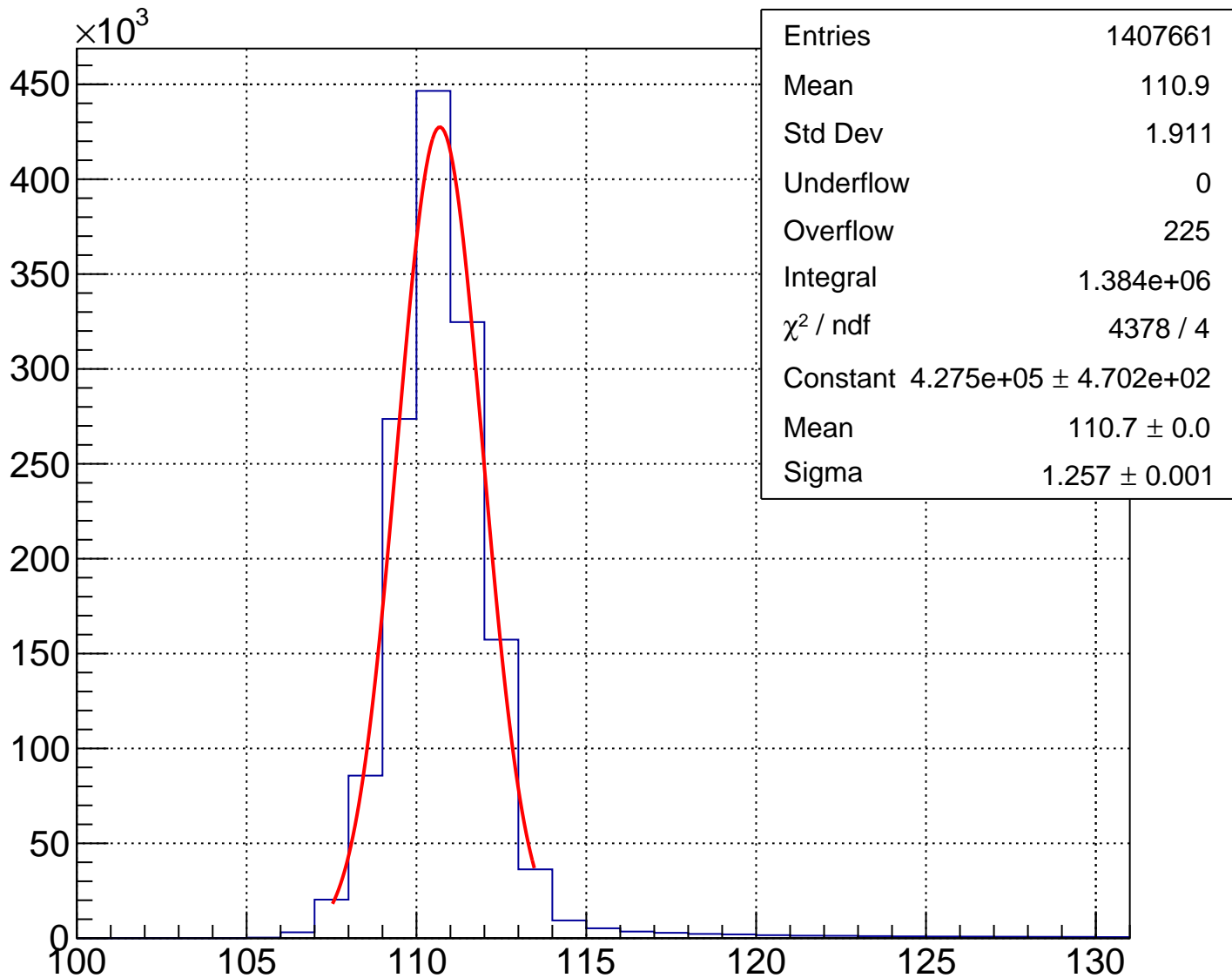
# TOFUPEDE\_1



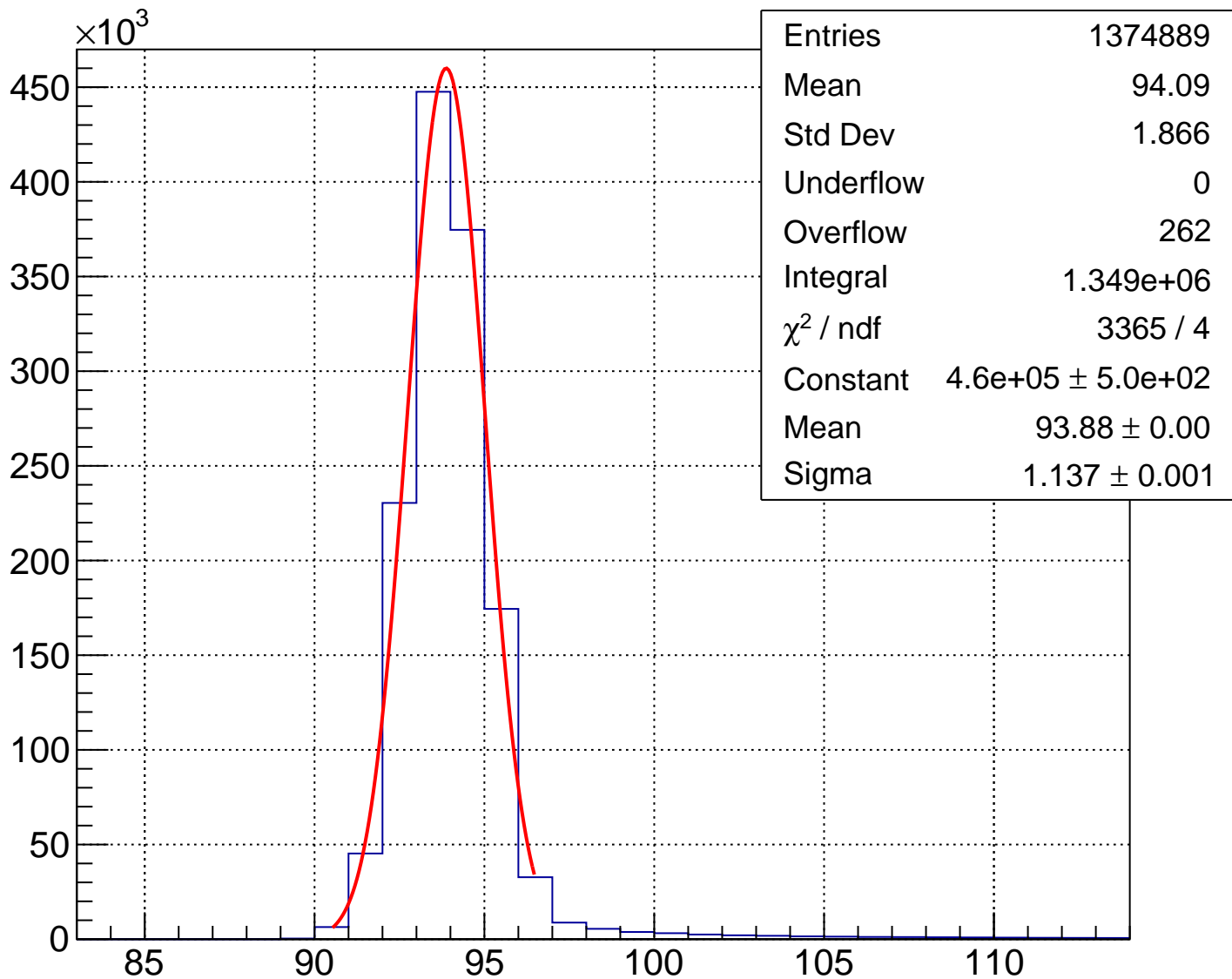
# TOFUPEDE\_2



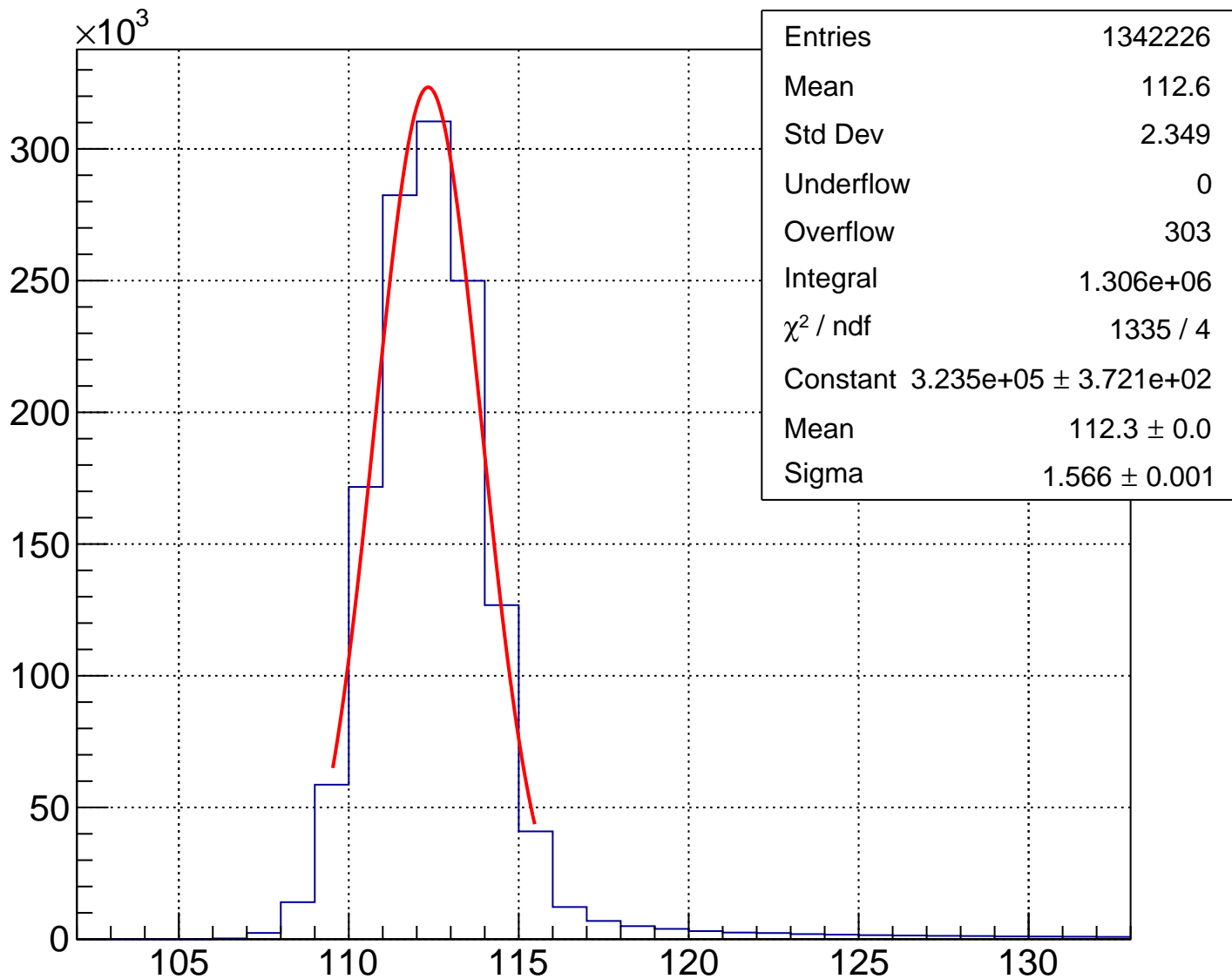
# TOFUPEDE\_3



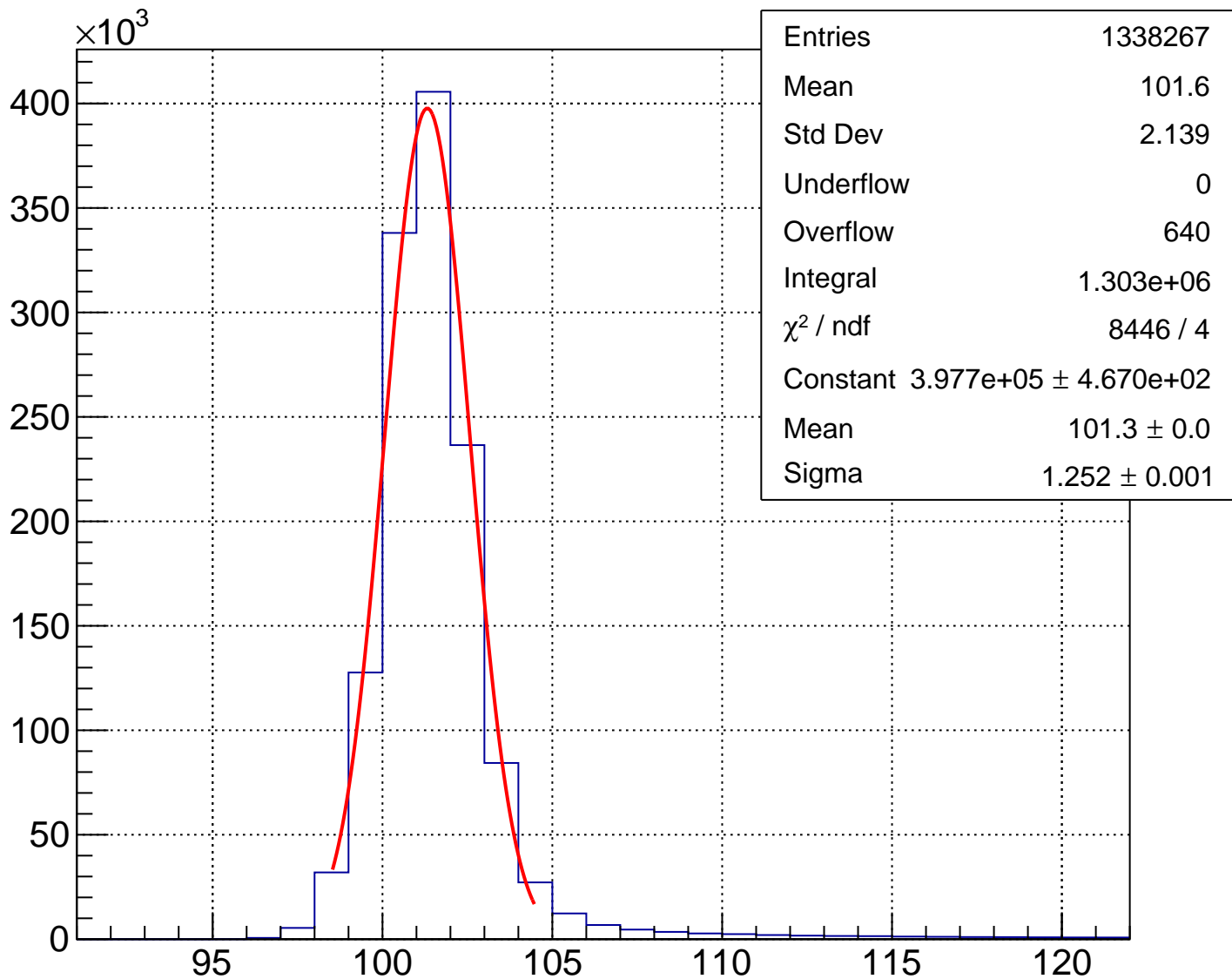
# TOFUPEDE\_4



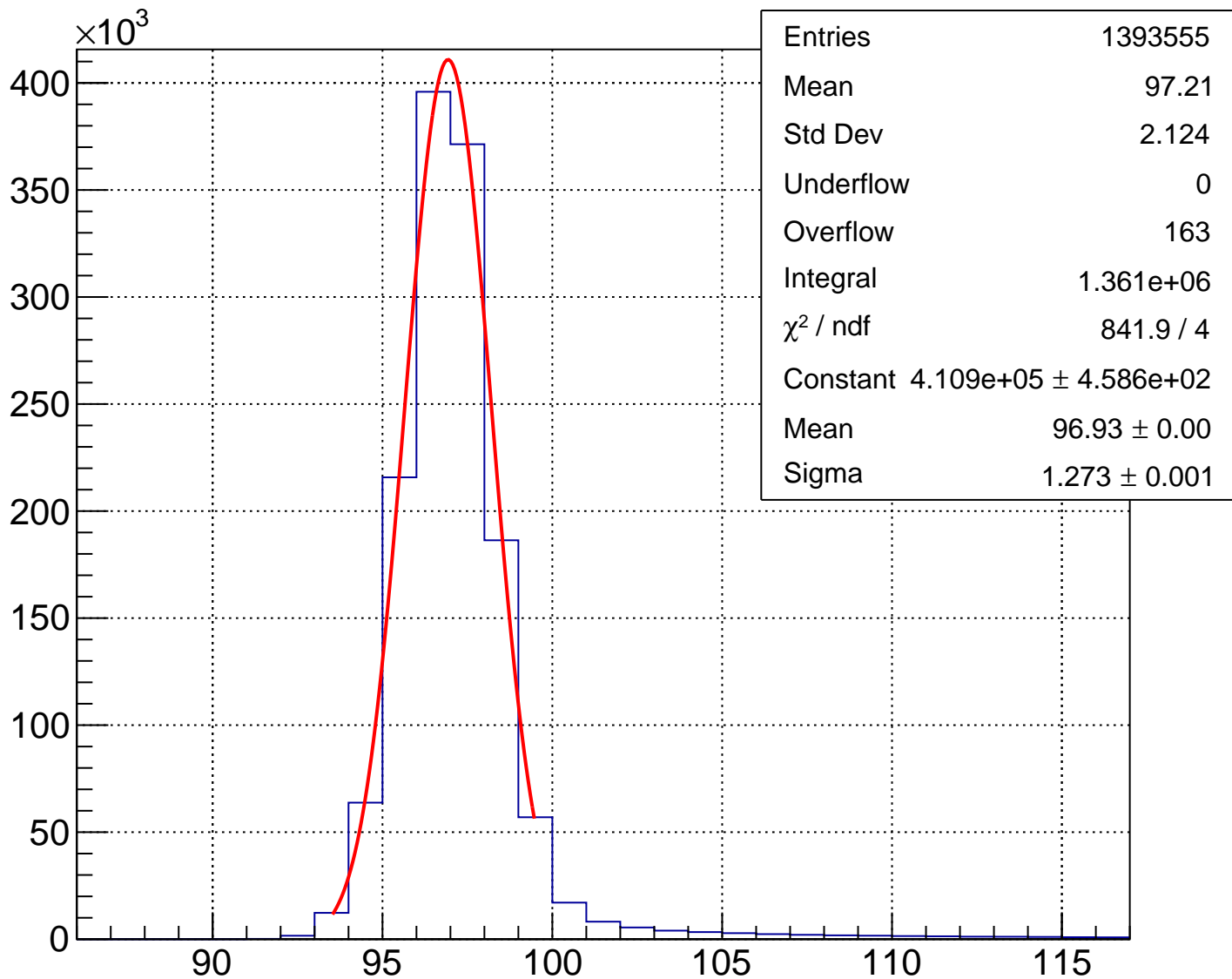
# TOFUPEDE\_5



# TOFUPEDE\_6

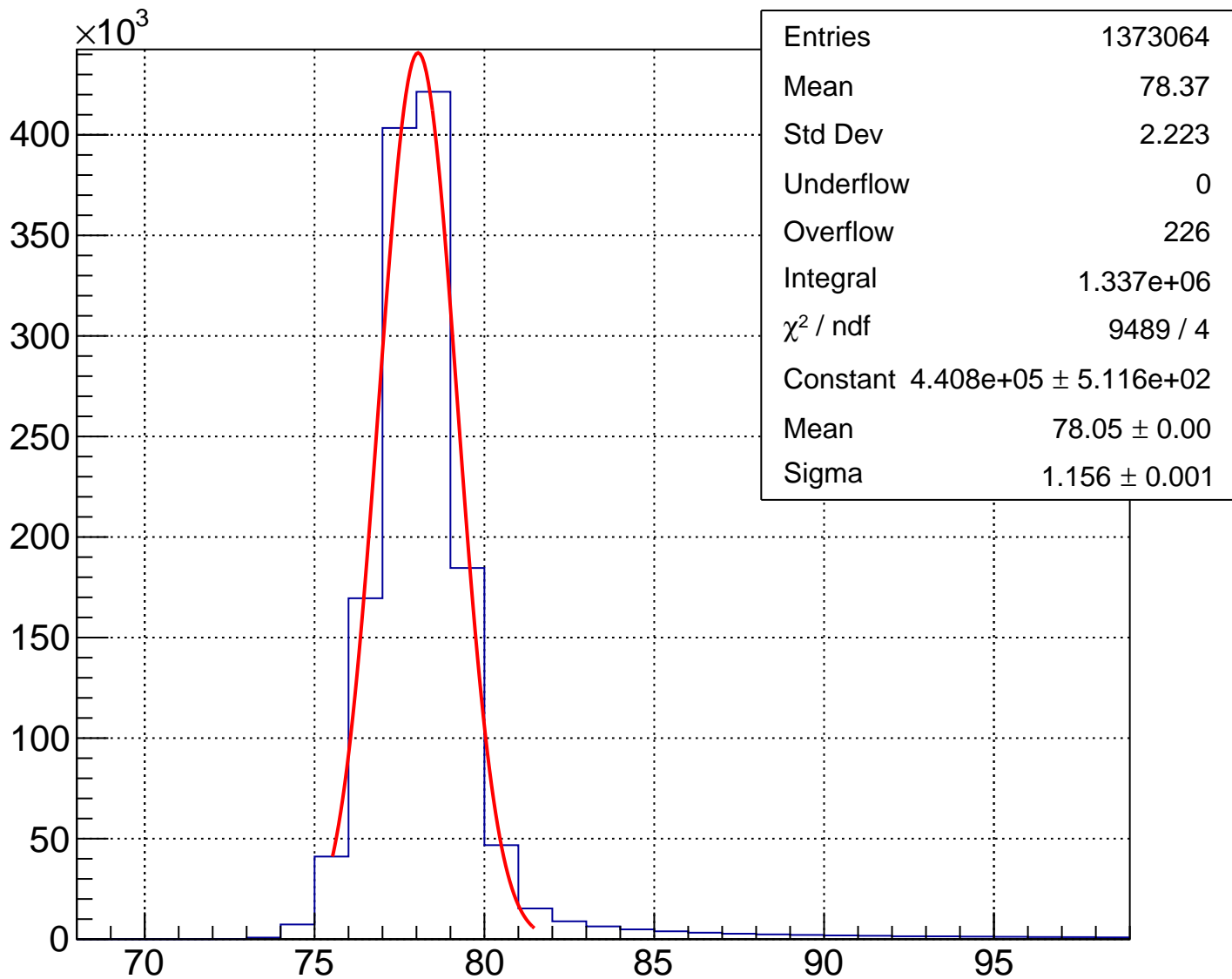


# TOFUPEDE\_7

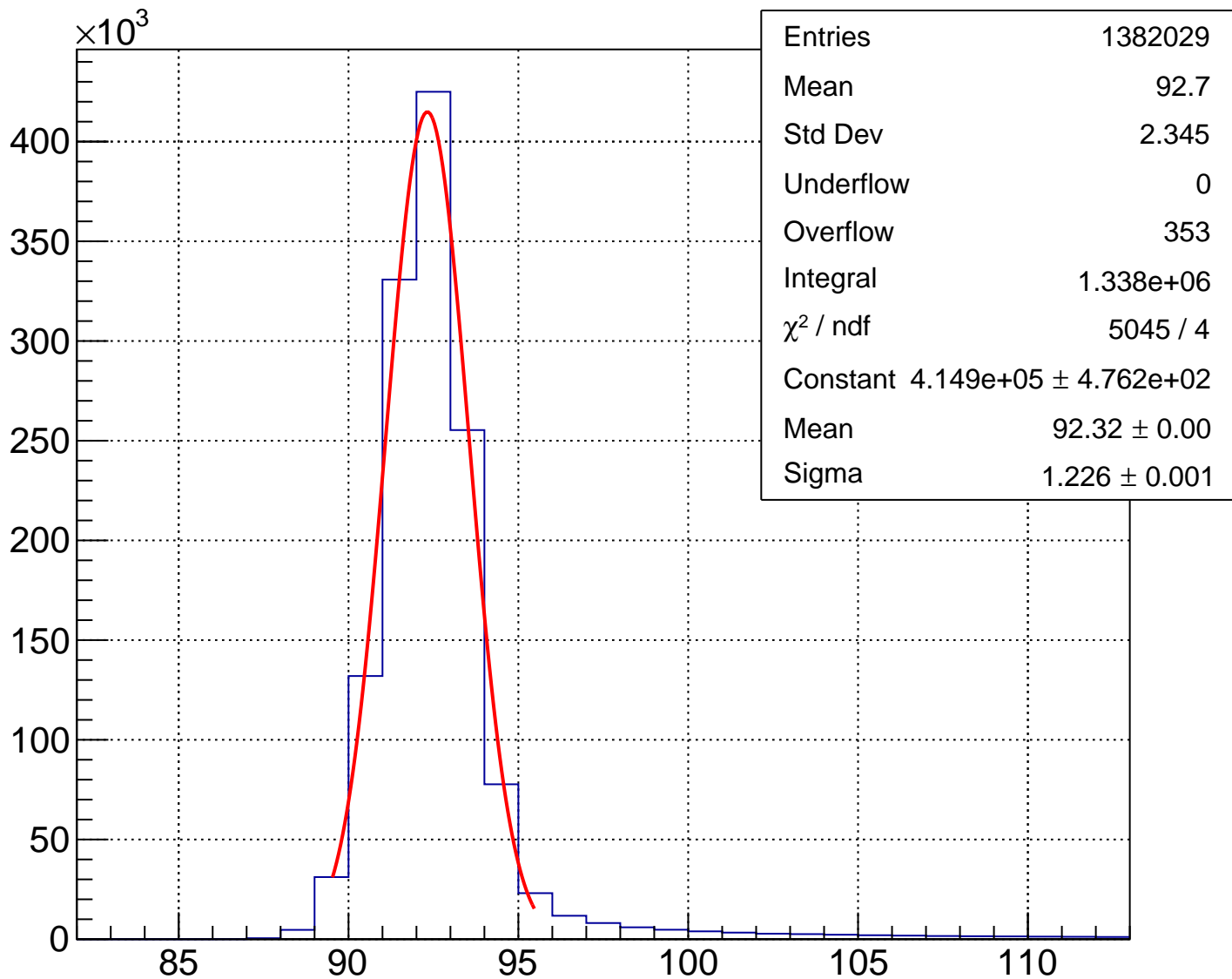




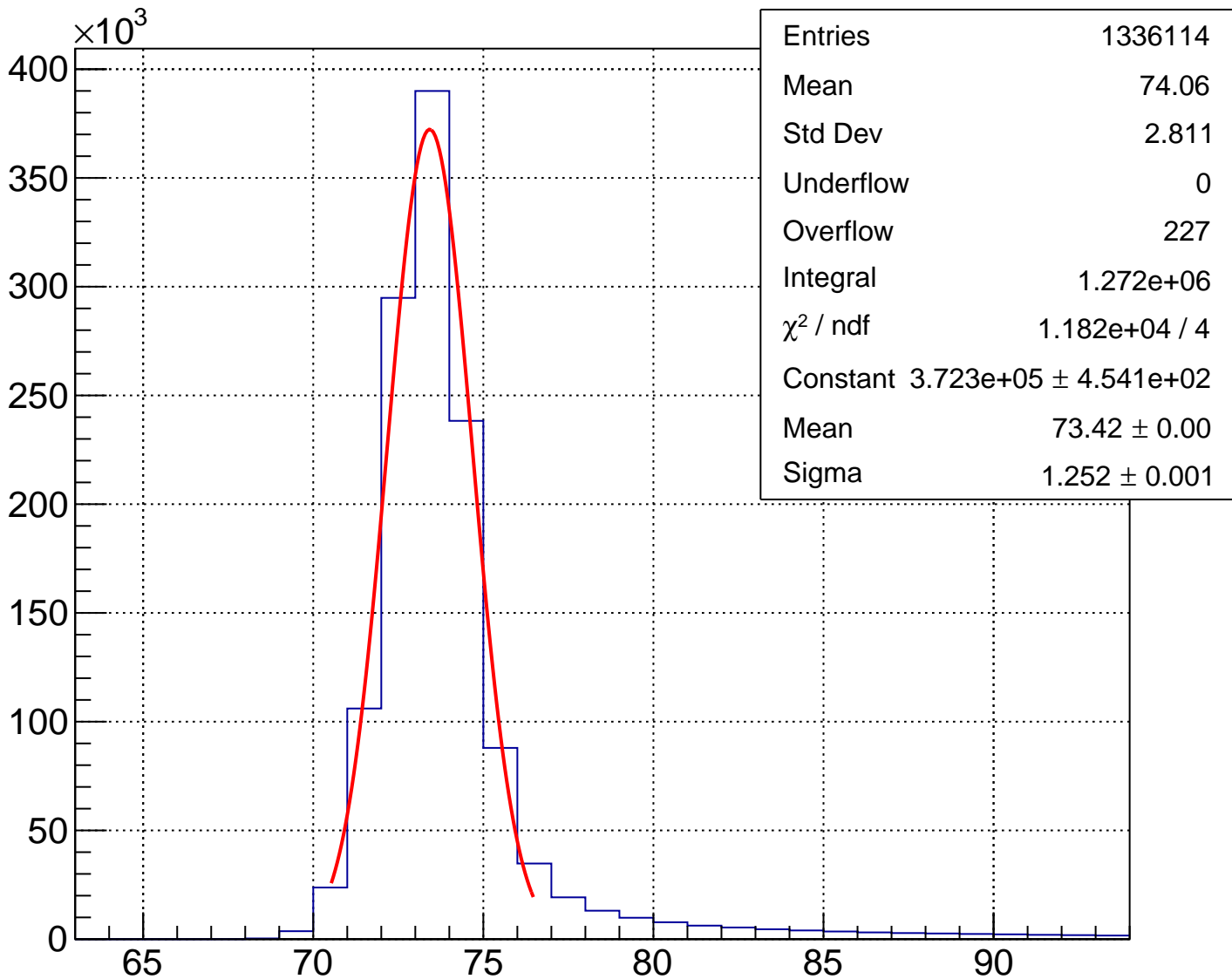
# TOFUPEDE\_8



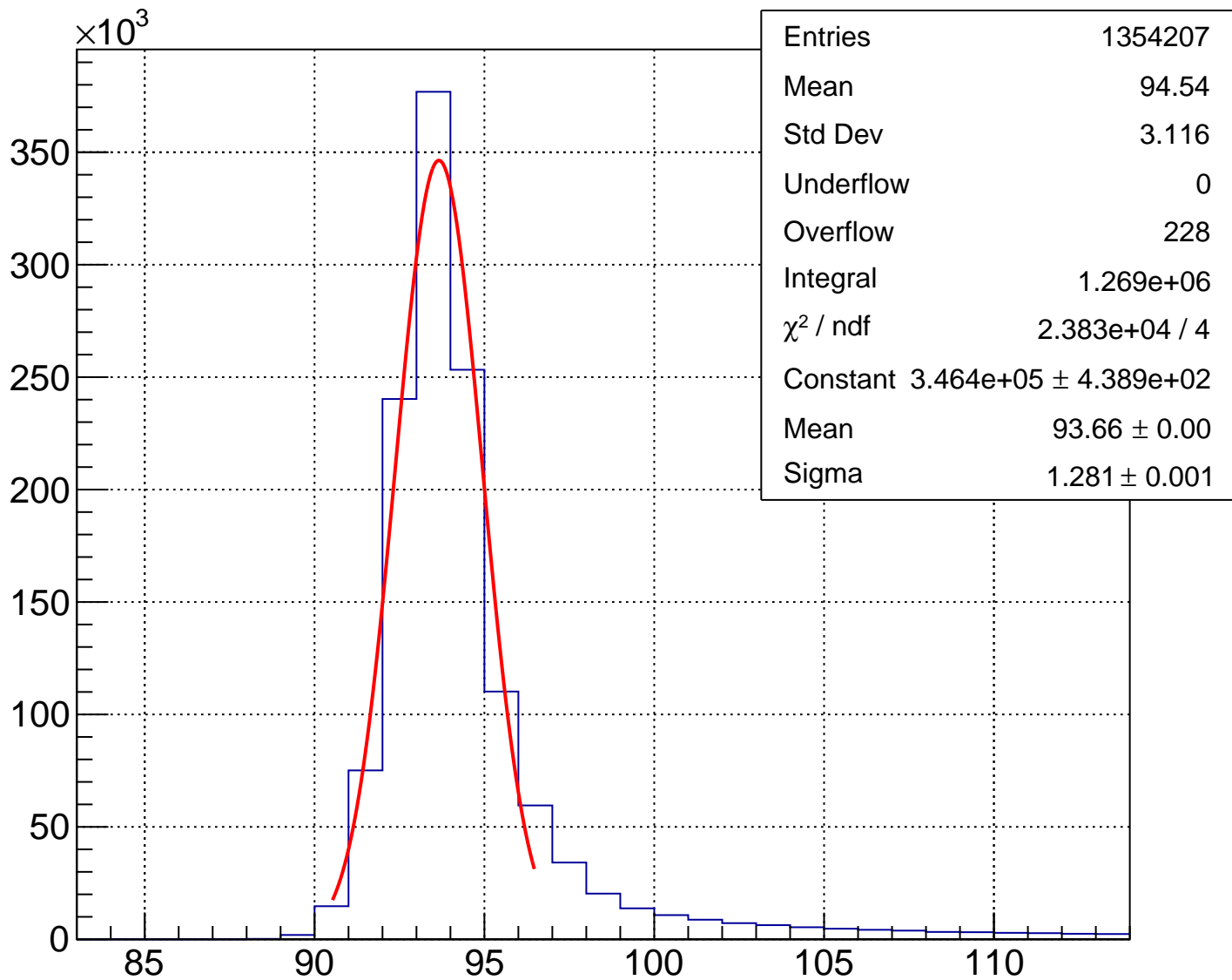
# TOFUPEDE\_9



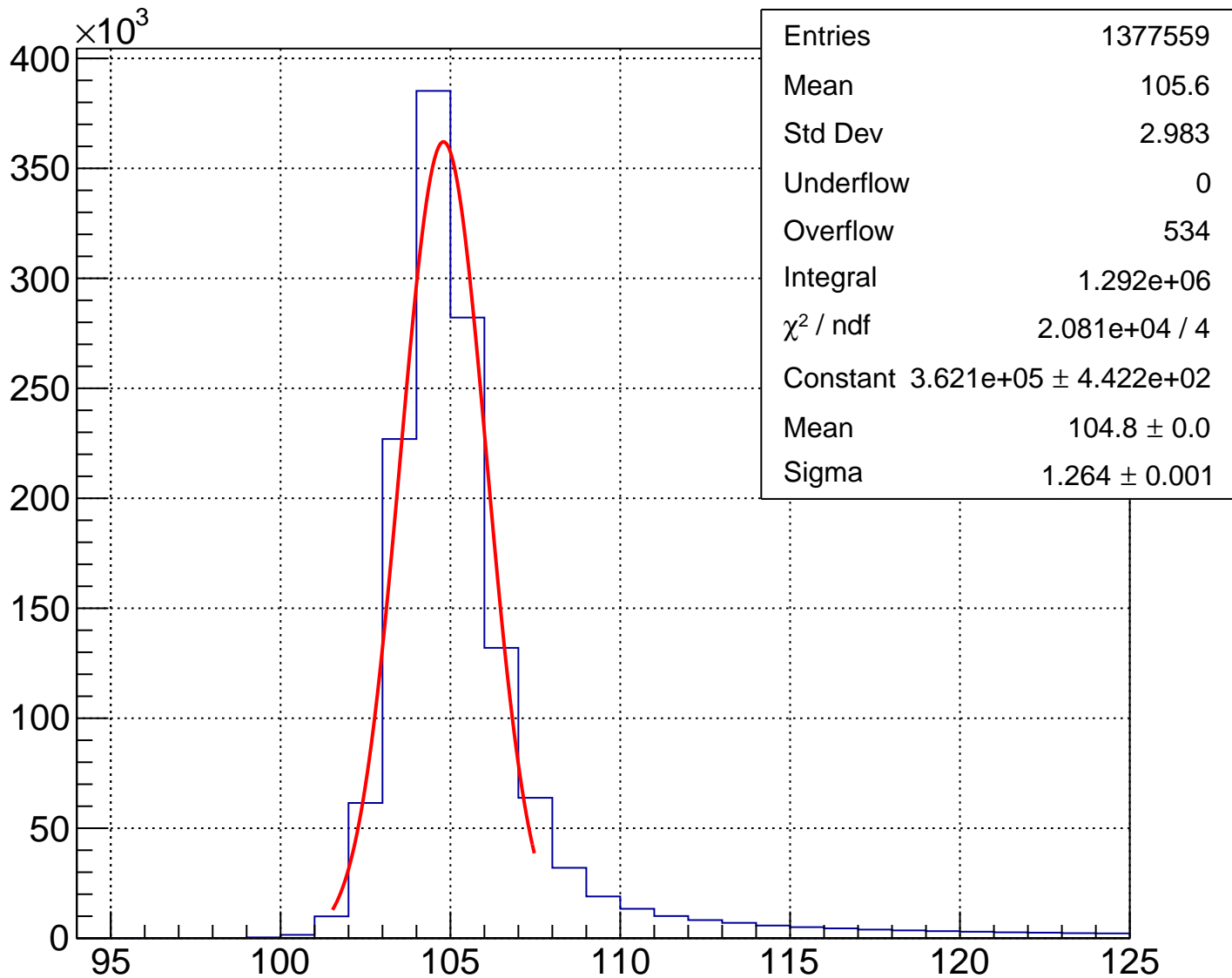
# TOFUPEDE\_10



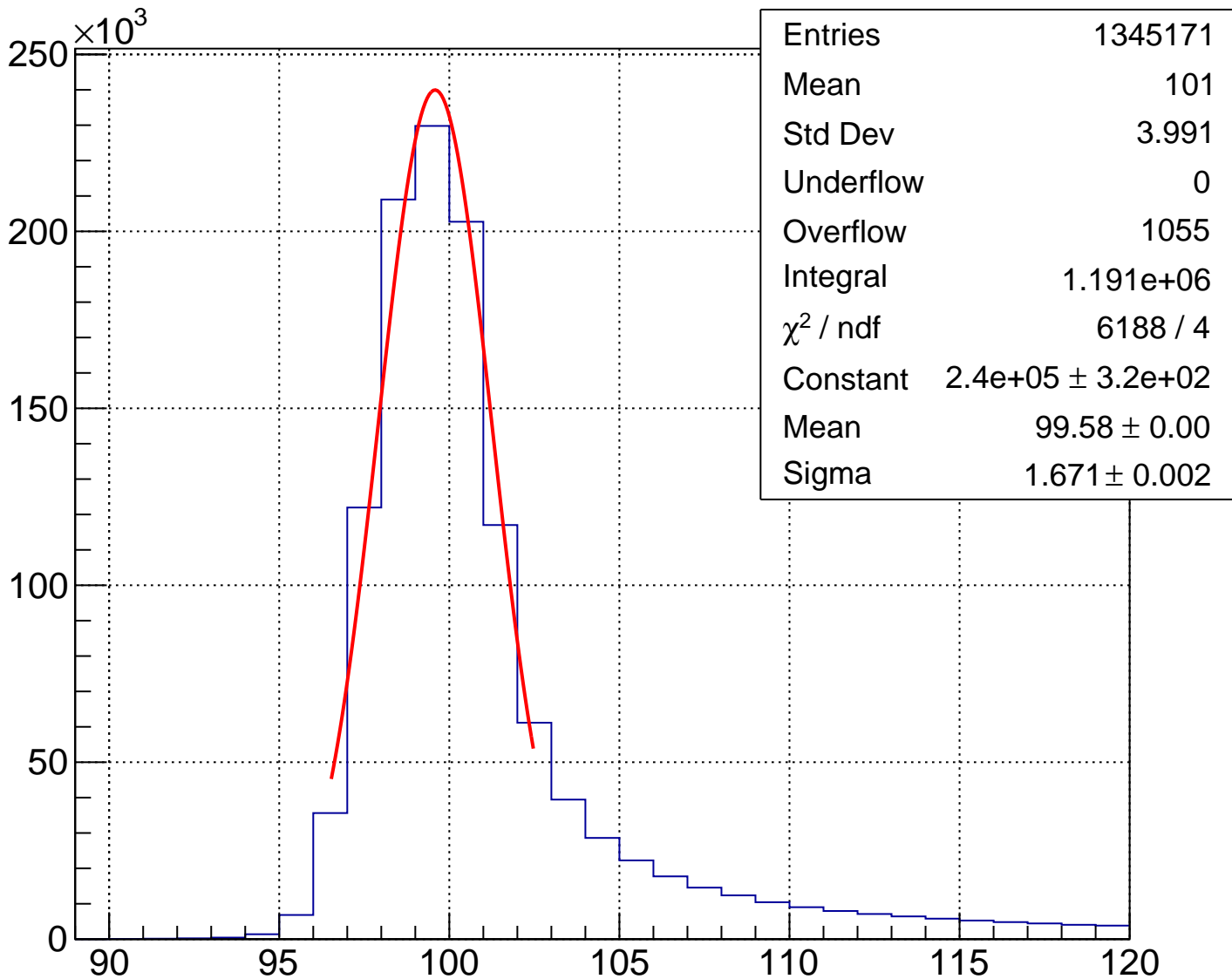
# TOFUPEDE\_11



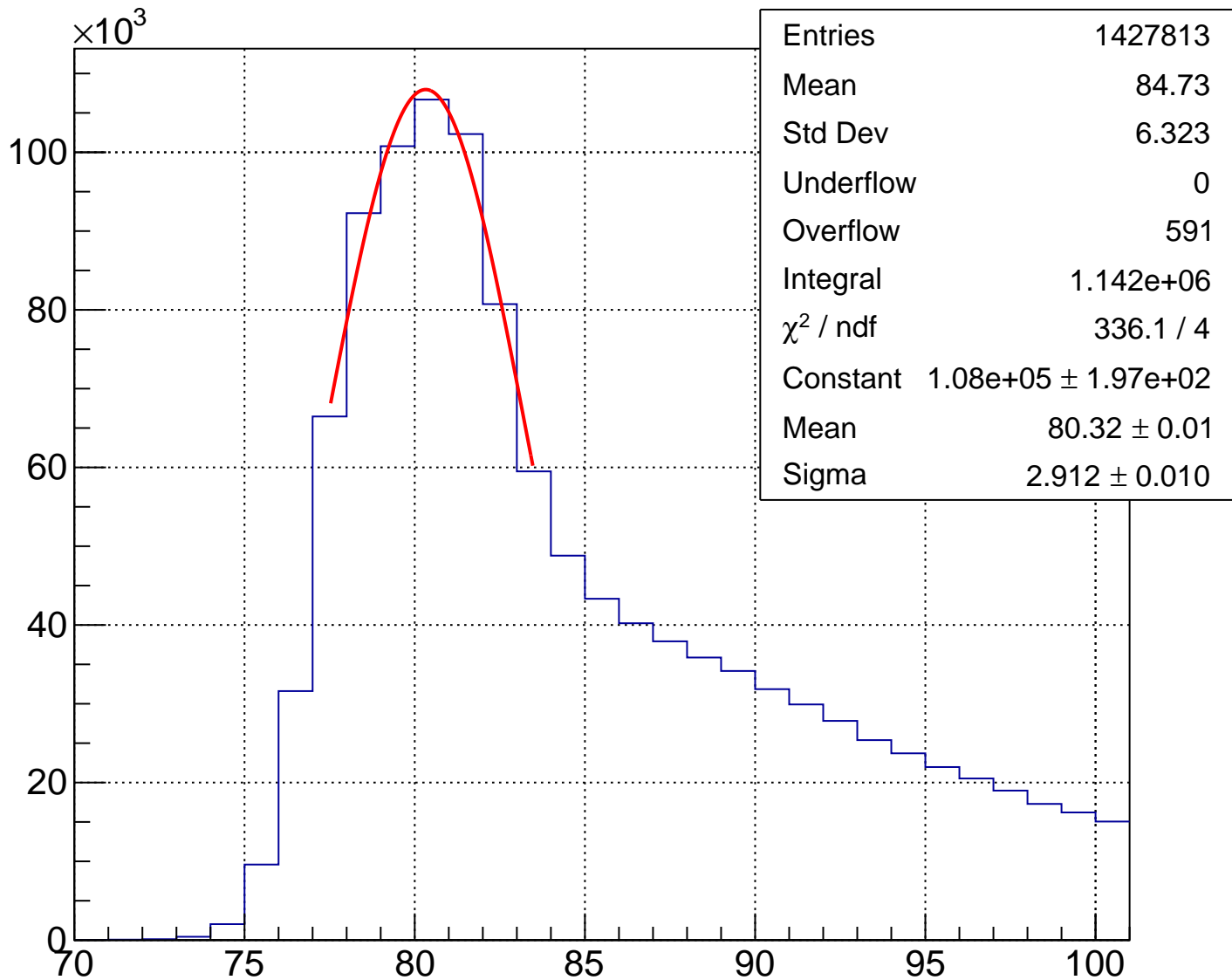
# TOFUPEDE\_12



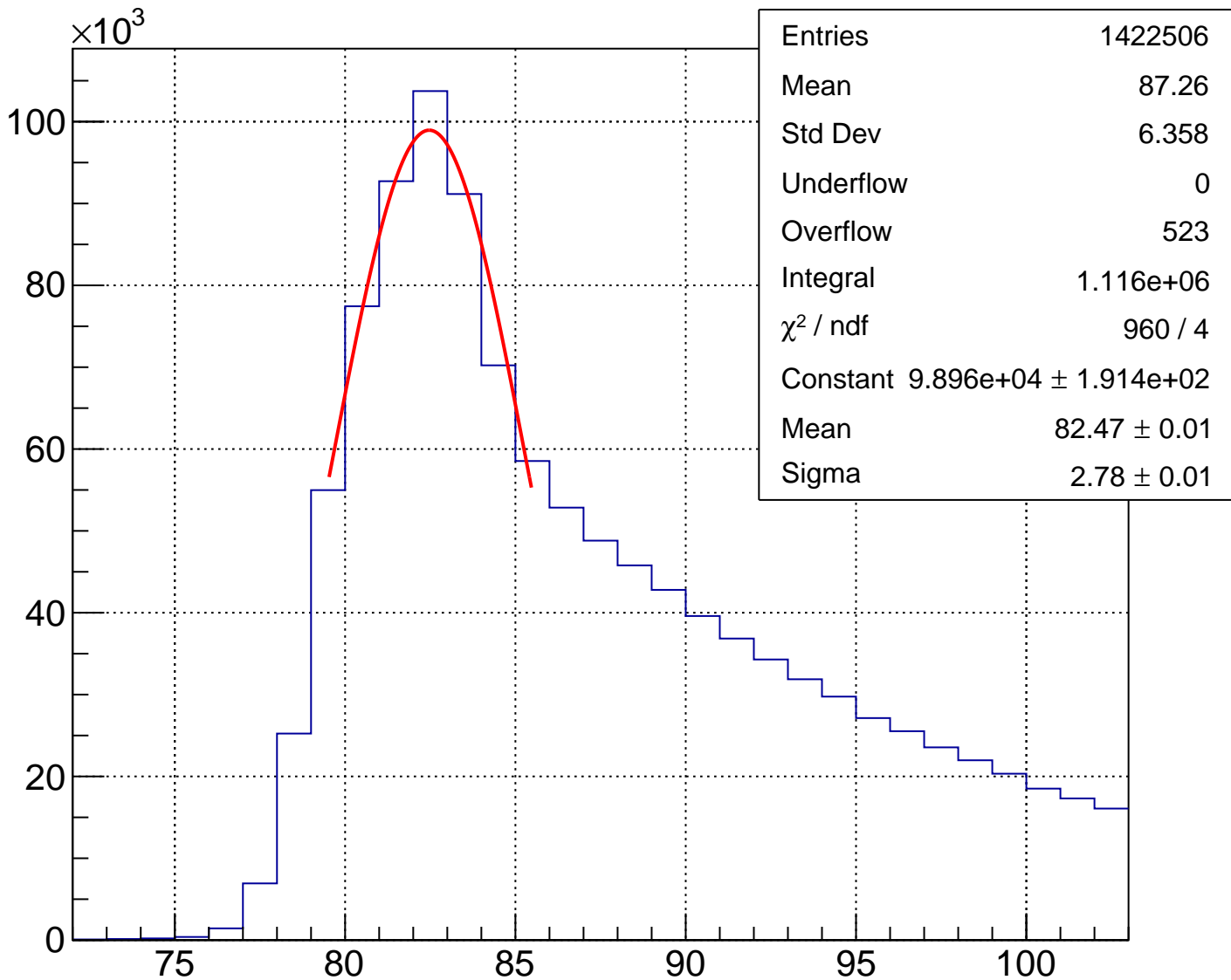
# TOFUPEDE\_13



# TOFUPEDE\_14

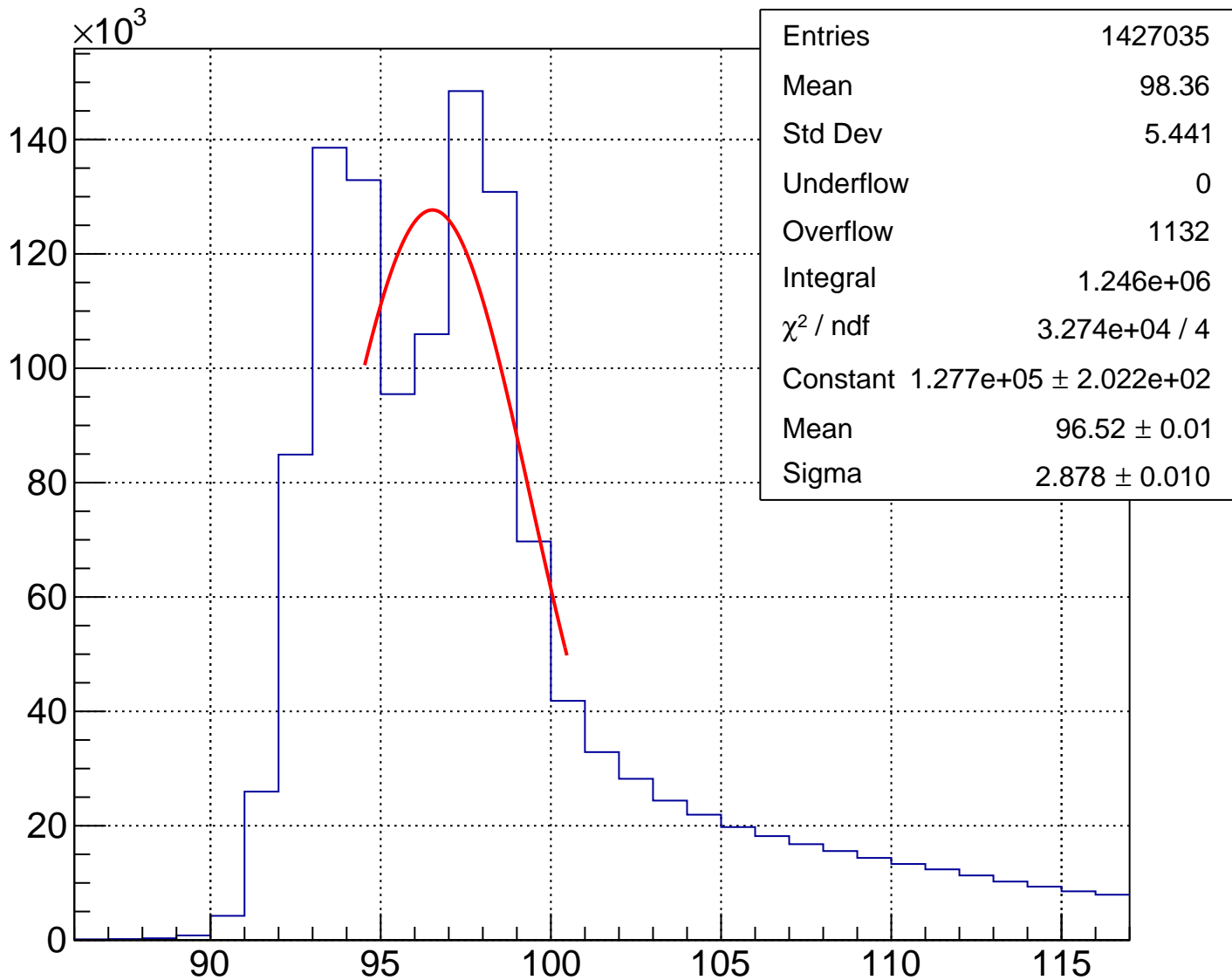


# TOFUPEDE\_15

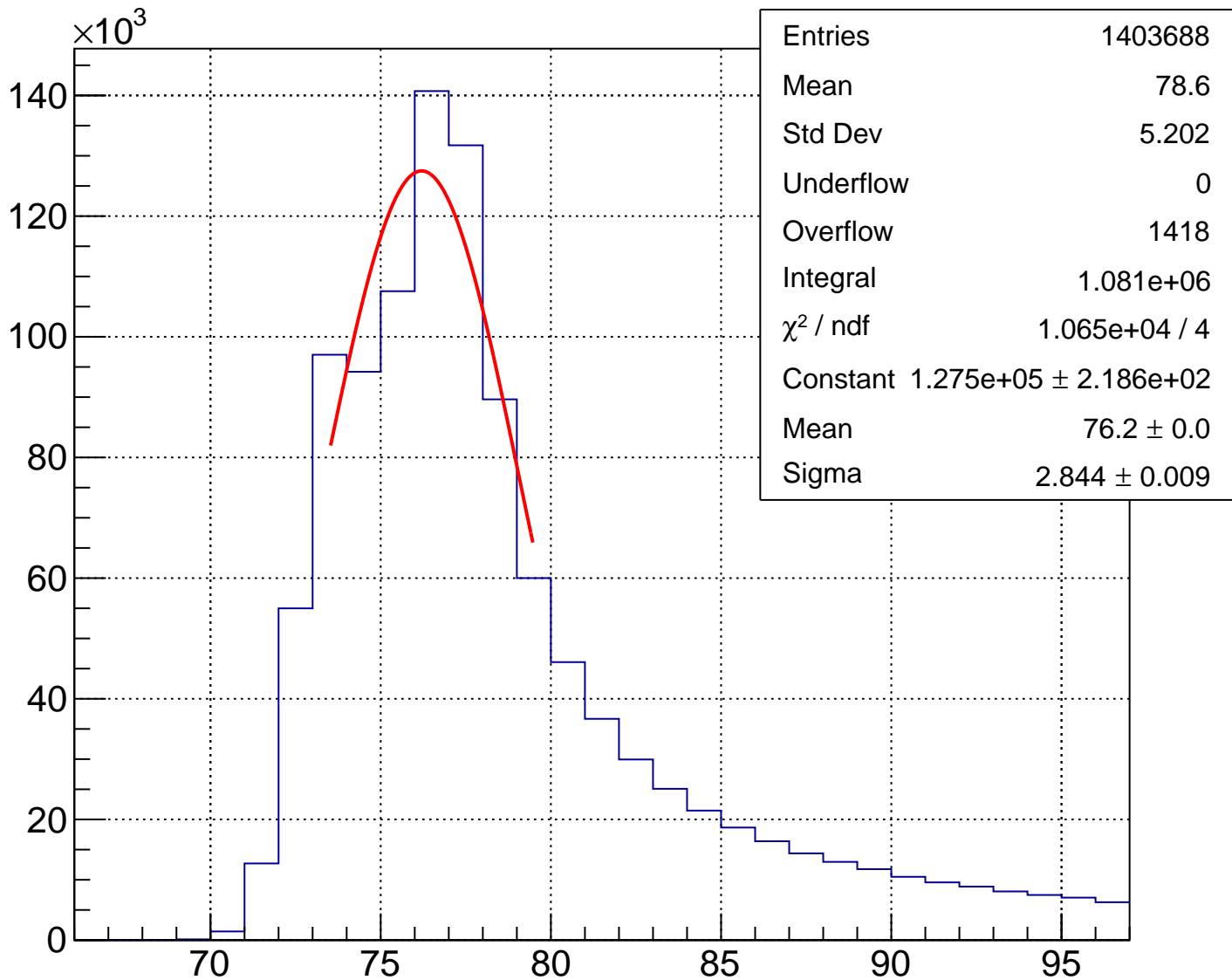




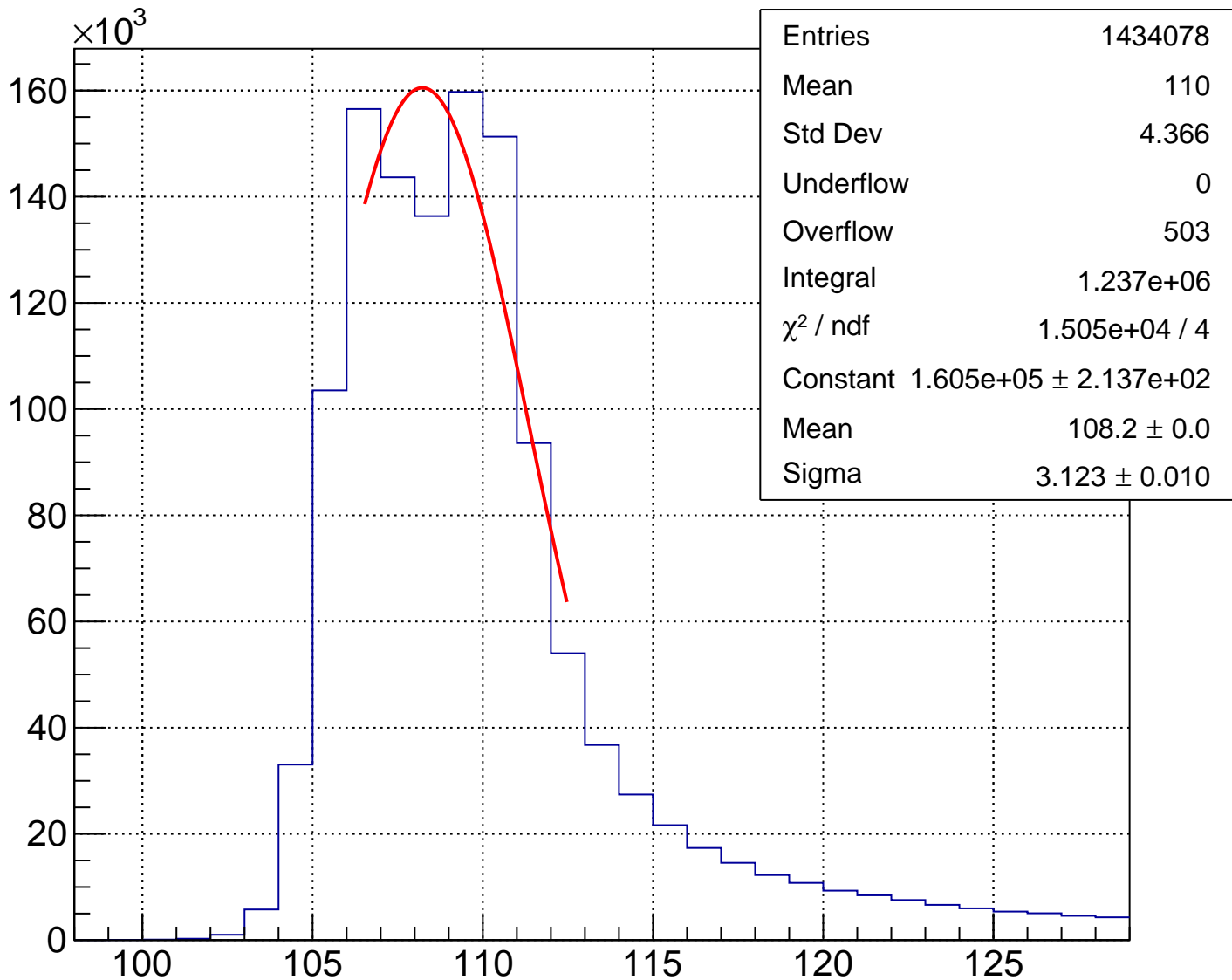
# TOFUPEDE\_16



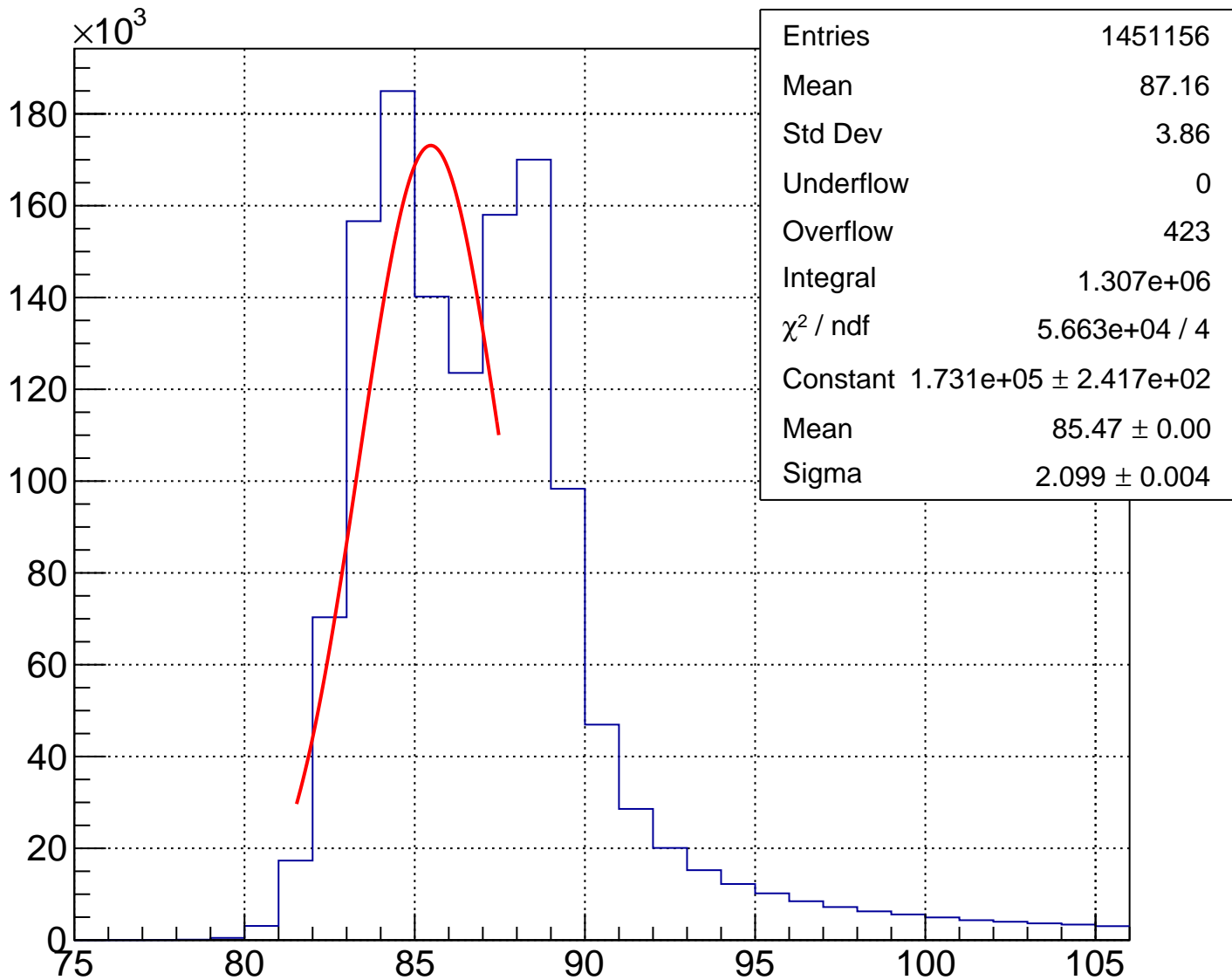
# TOFUPEDE\_17



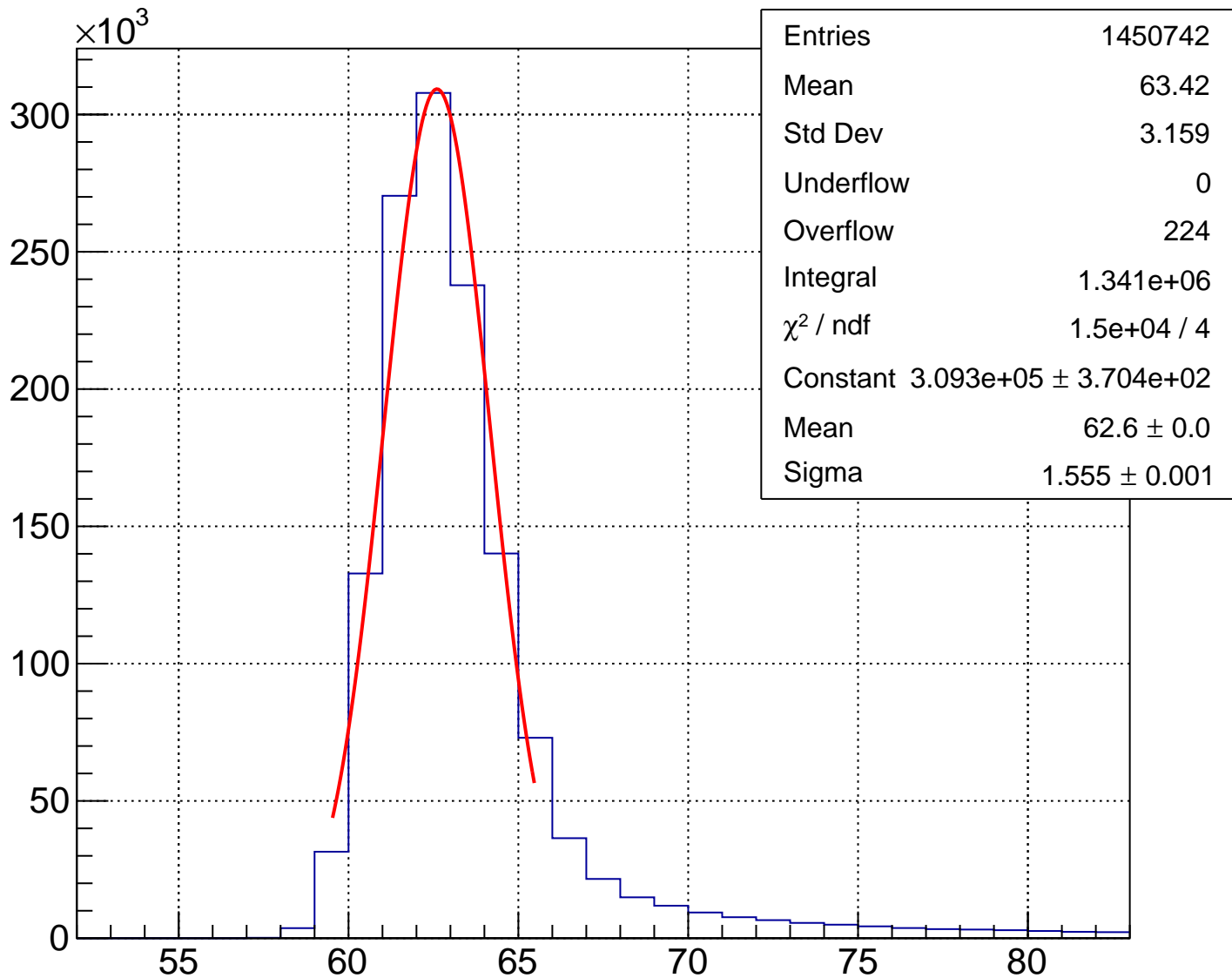
# TOFUPEDE\_18



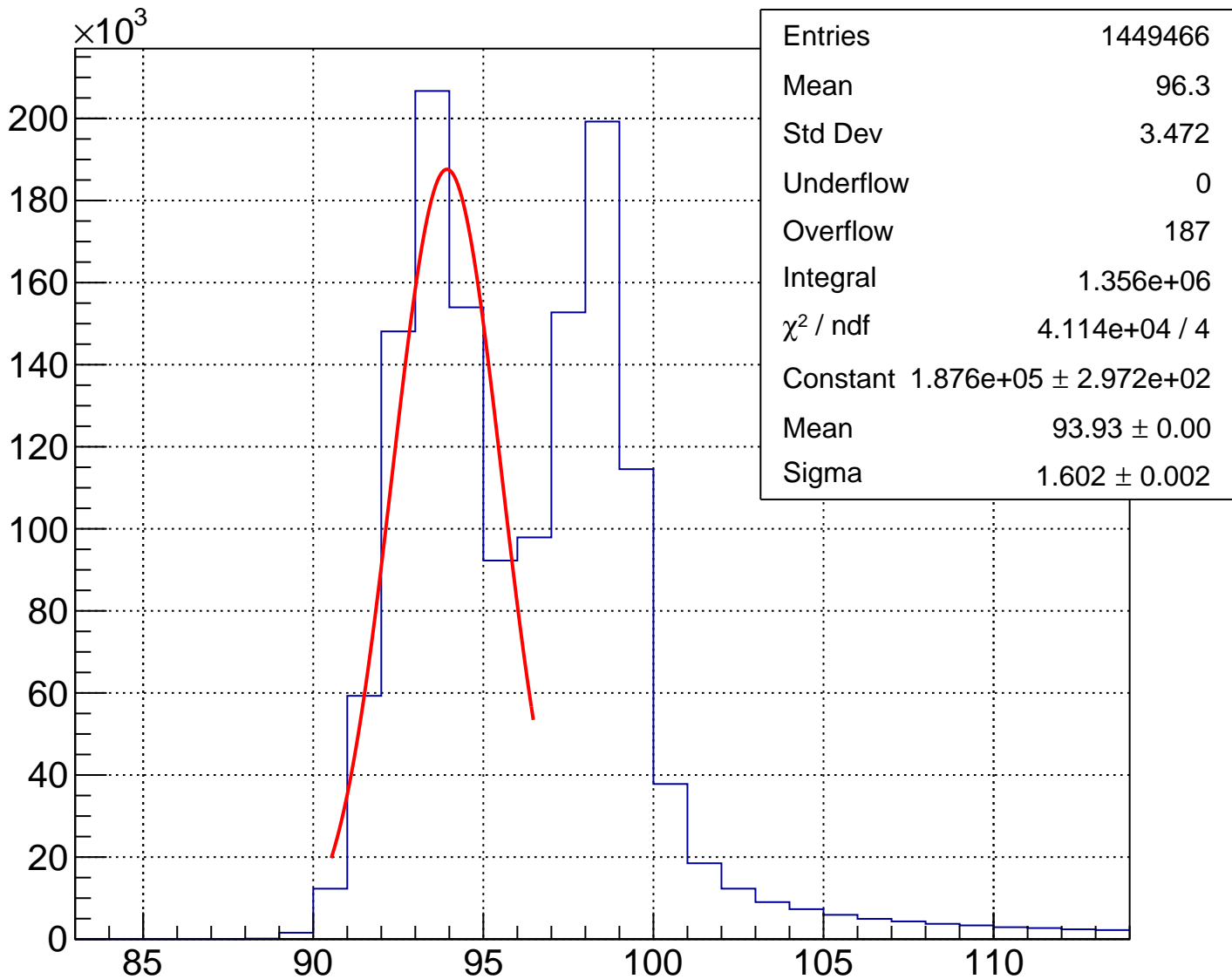
# TOFUPEDE\_19



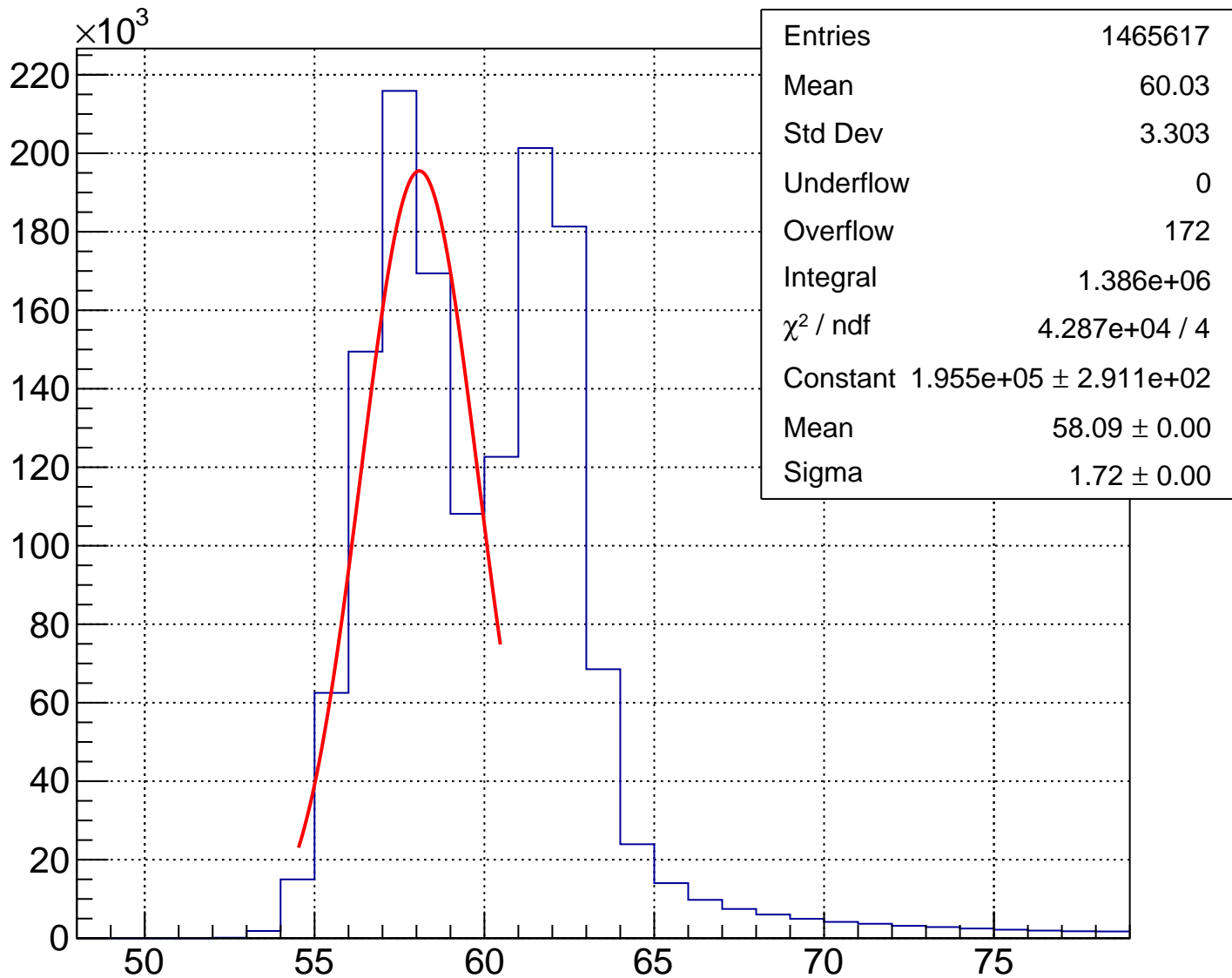
# TOFUPEDE\_20



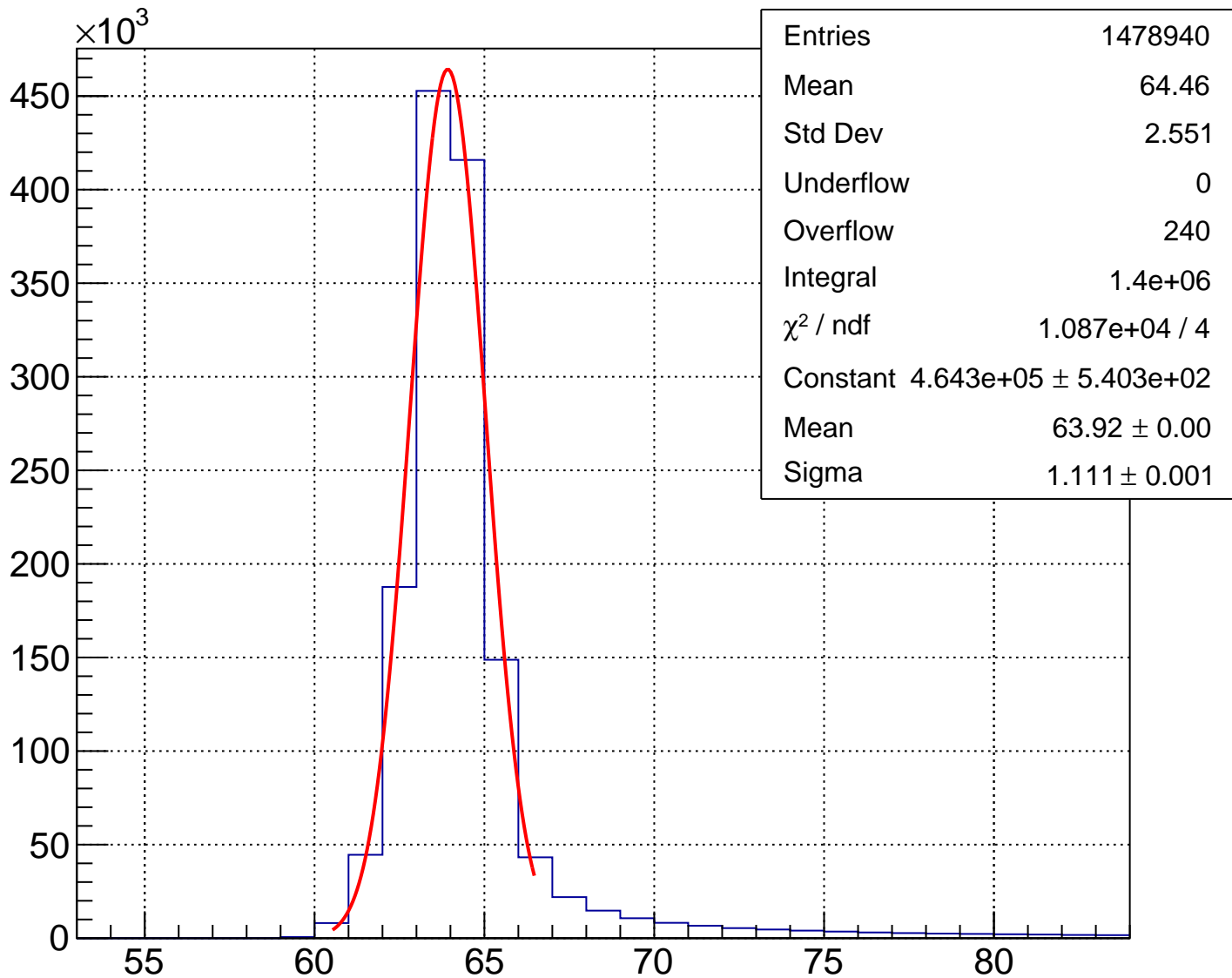
# TOFUPEDE\_21



# TOFUPEDE\_22

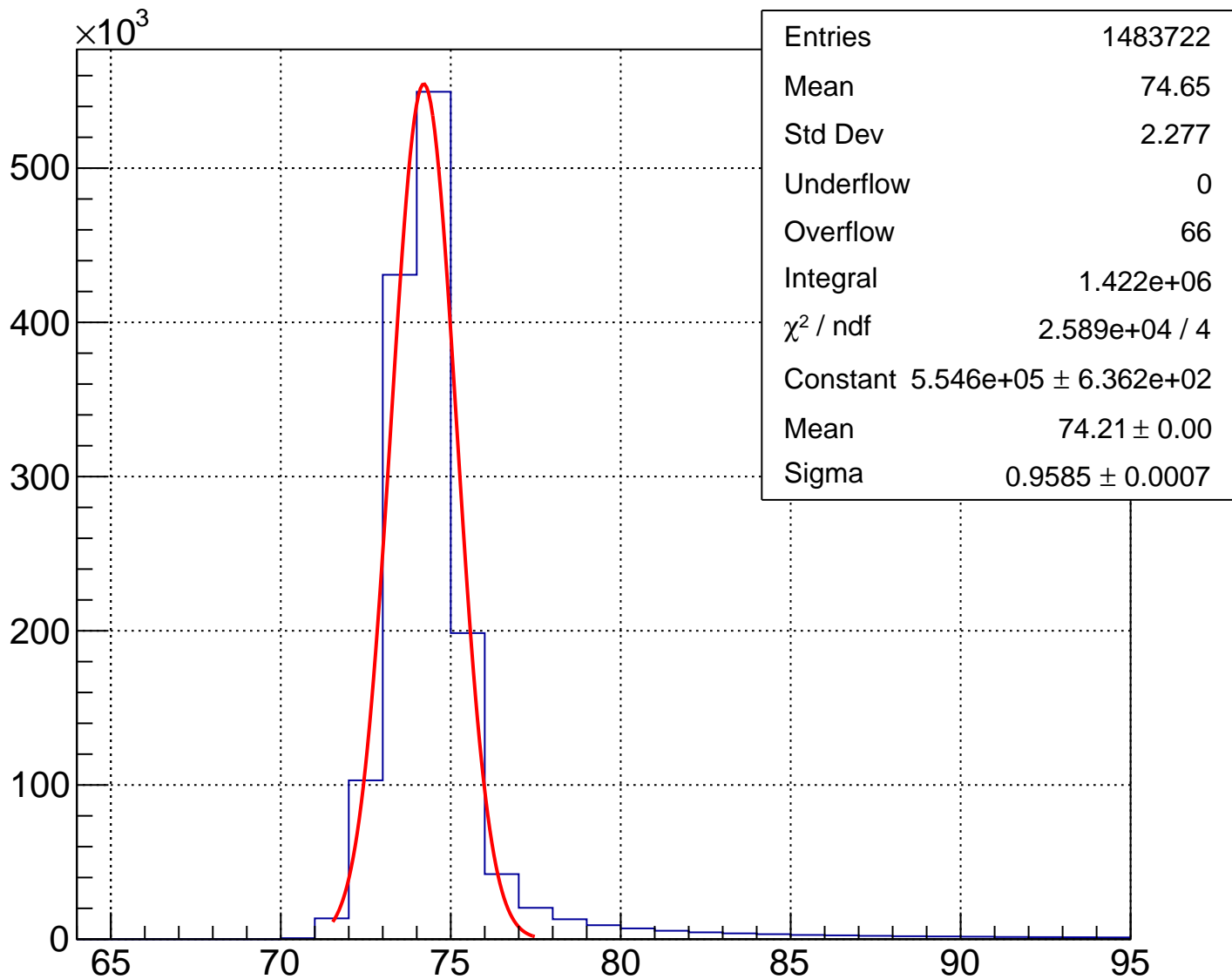


# TOFUPEDE\_23

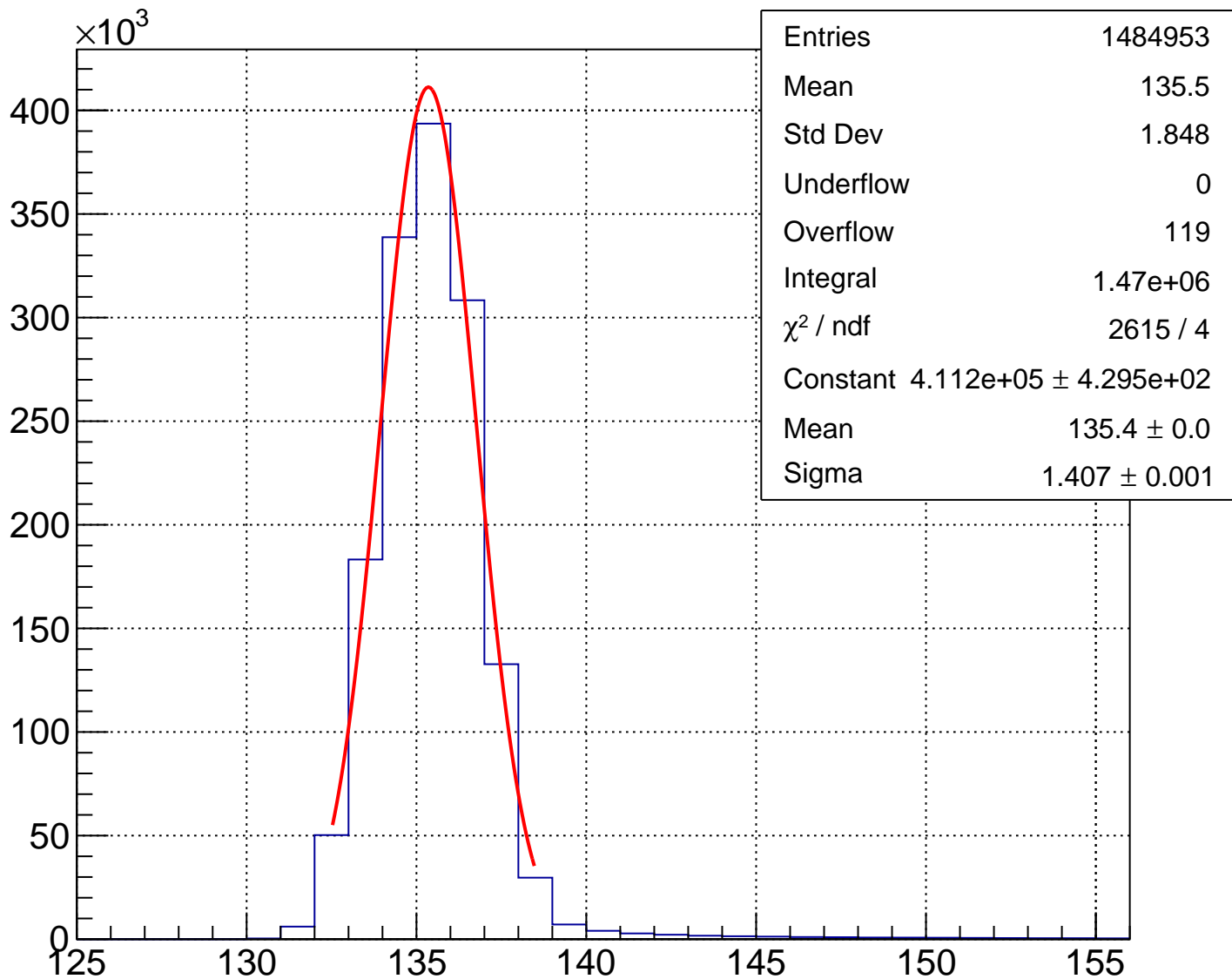




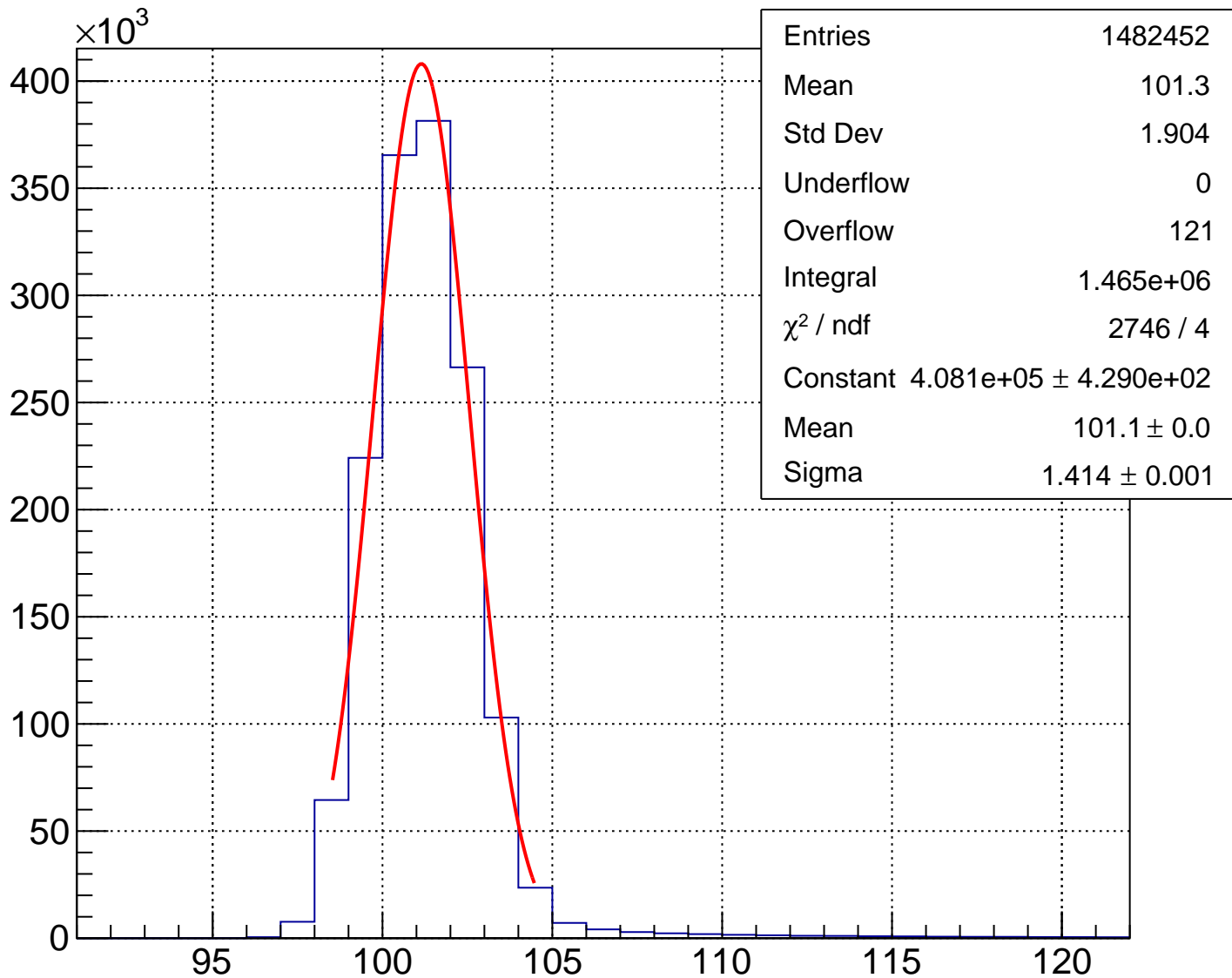
# TOFUPEDE\_24



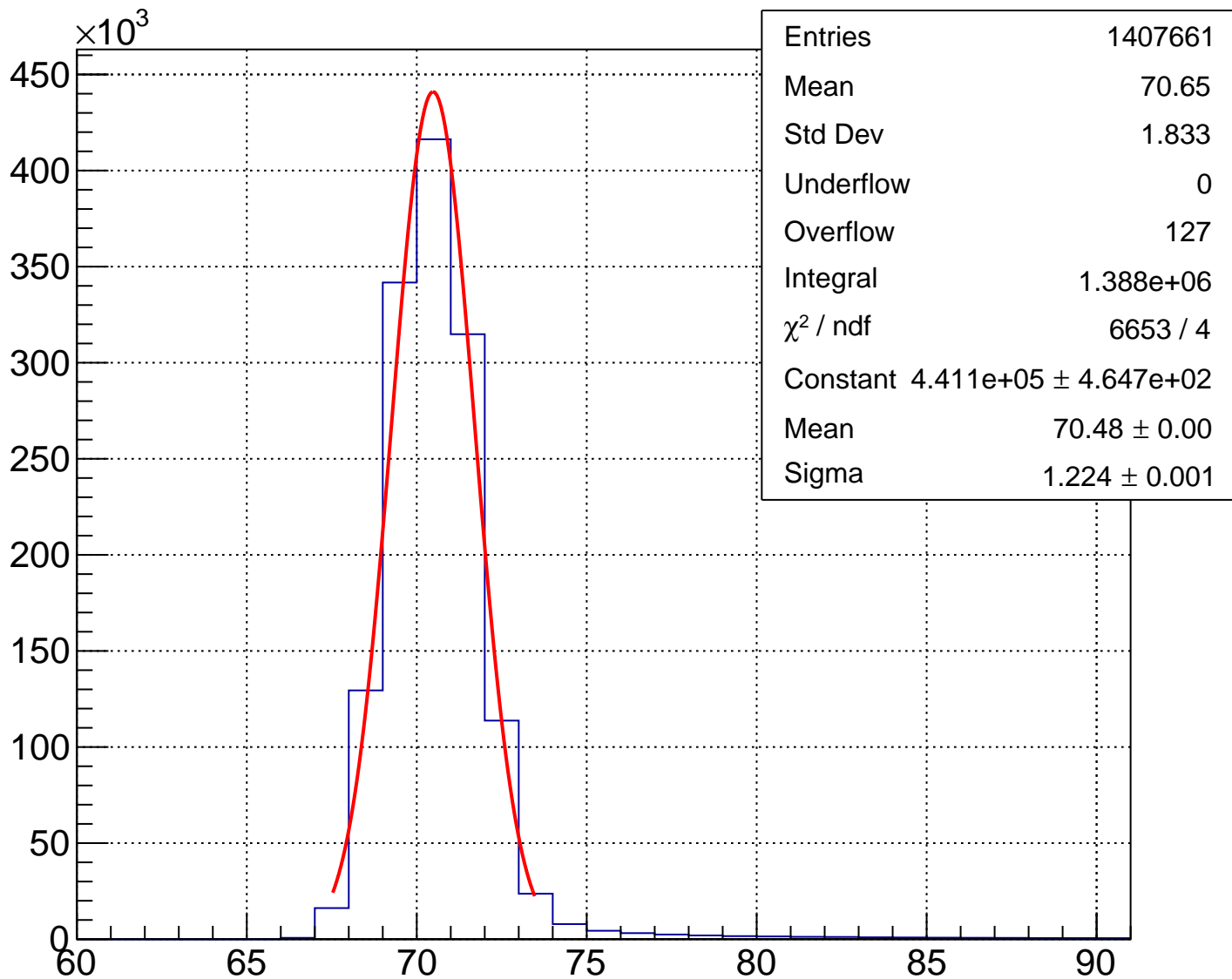
# TOFDPEDE\_1



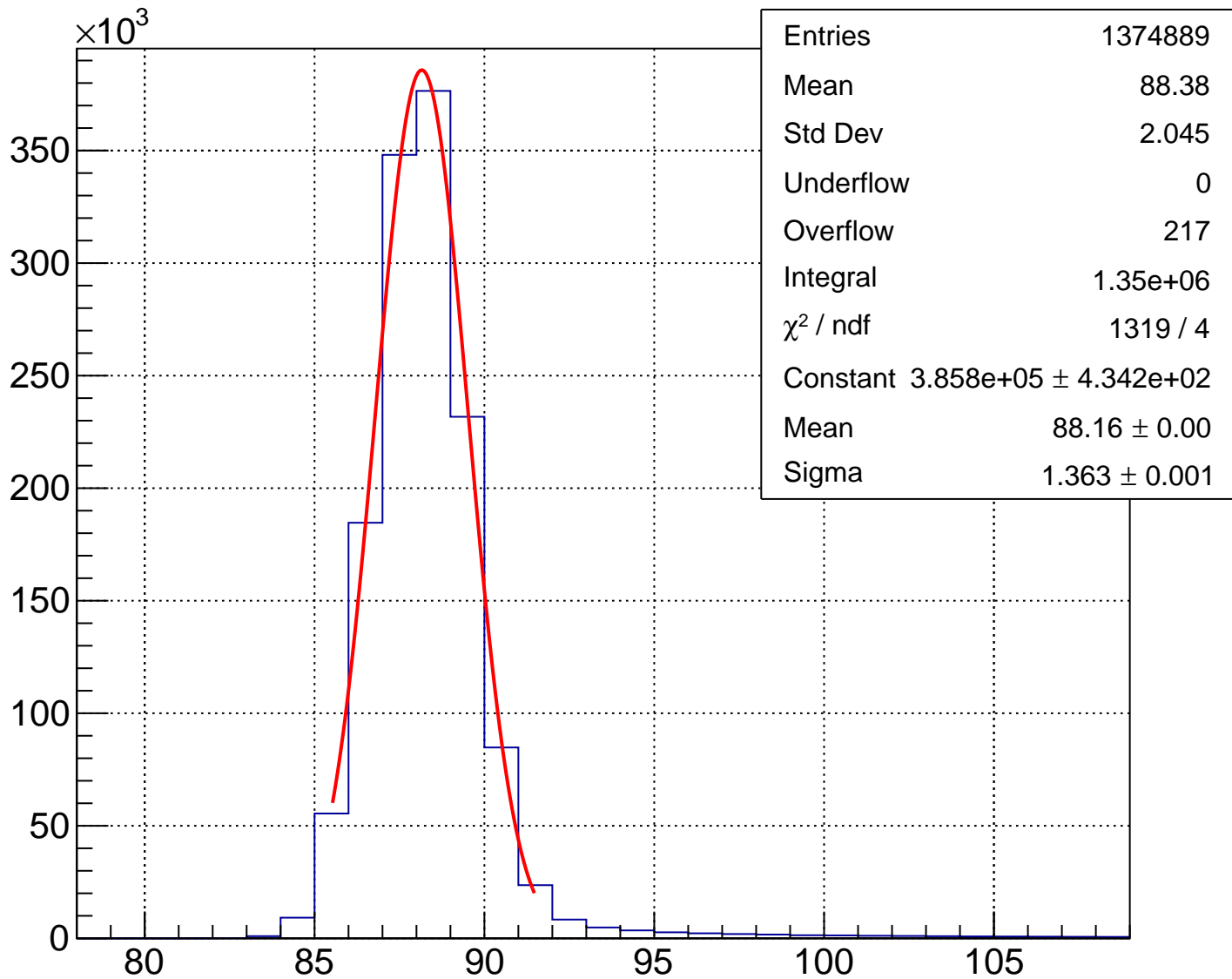
# TOFDPEDE\_2



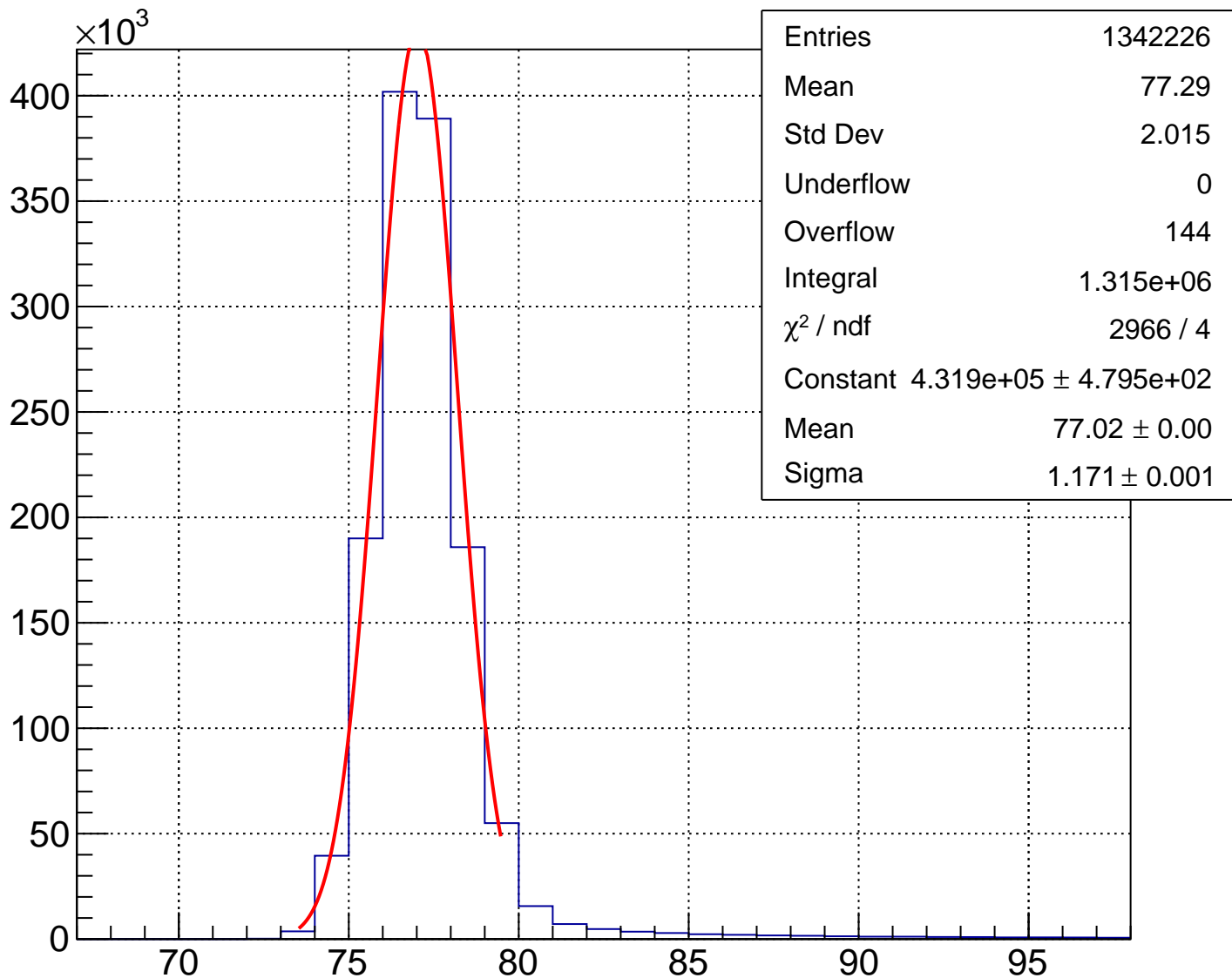
# TOFDPEDE\_3



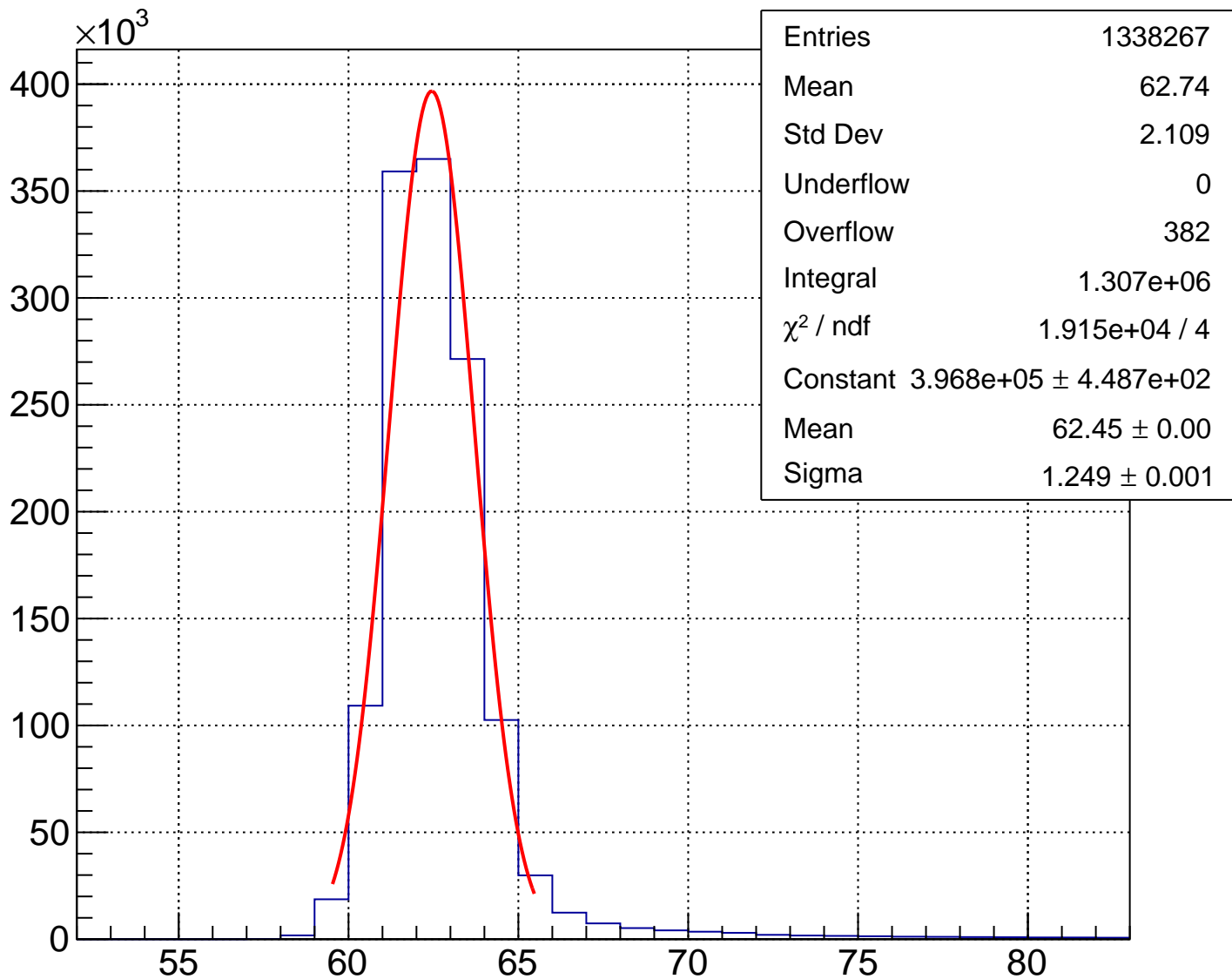
# TOFDPEDE\_4



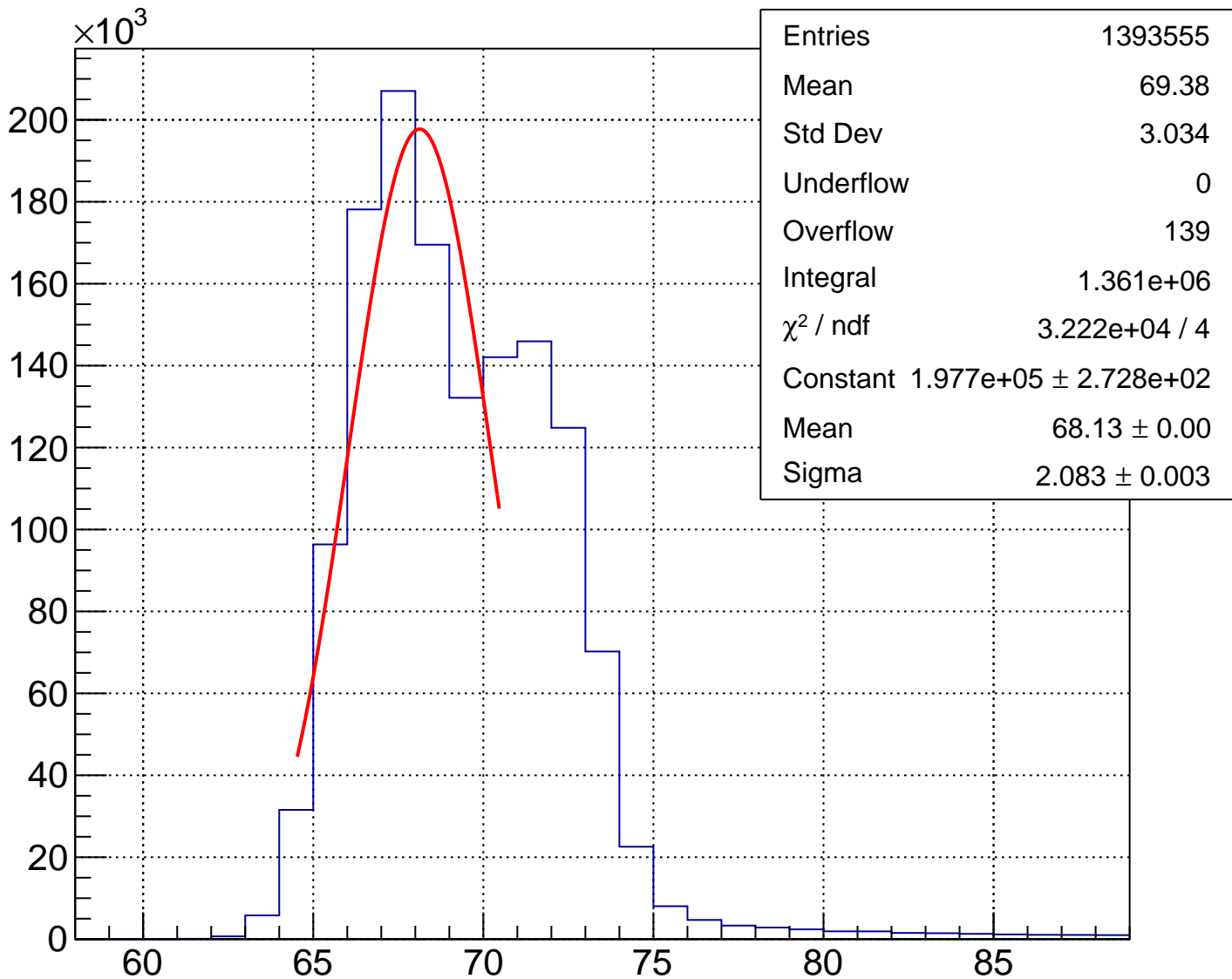
# TOFDPEDE\_5



# TOFDPEDE\_6

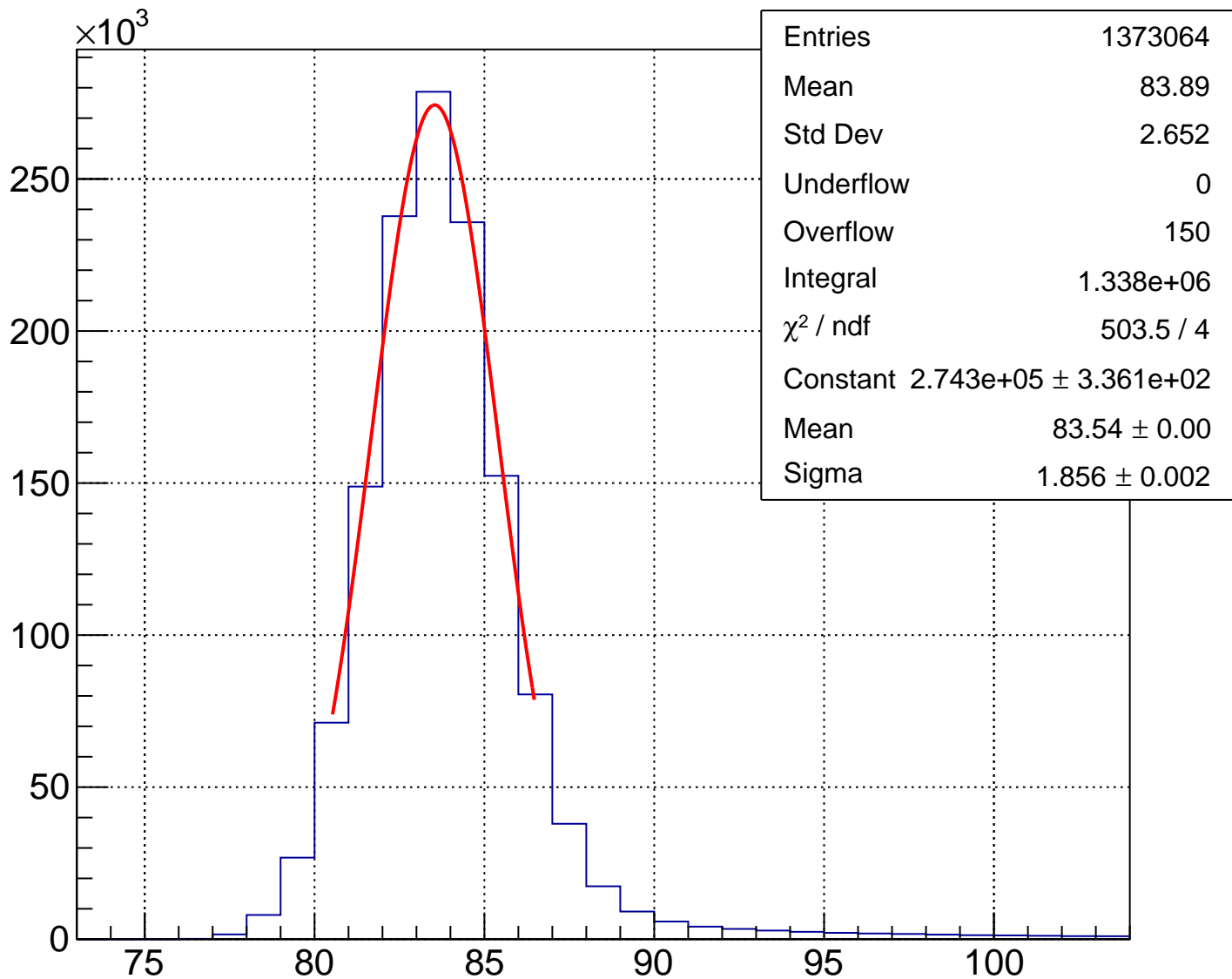


# TOFDPEDE\_7

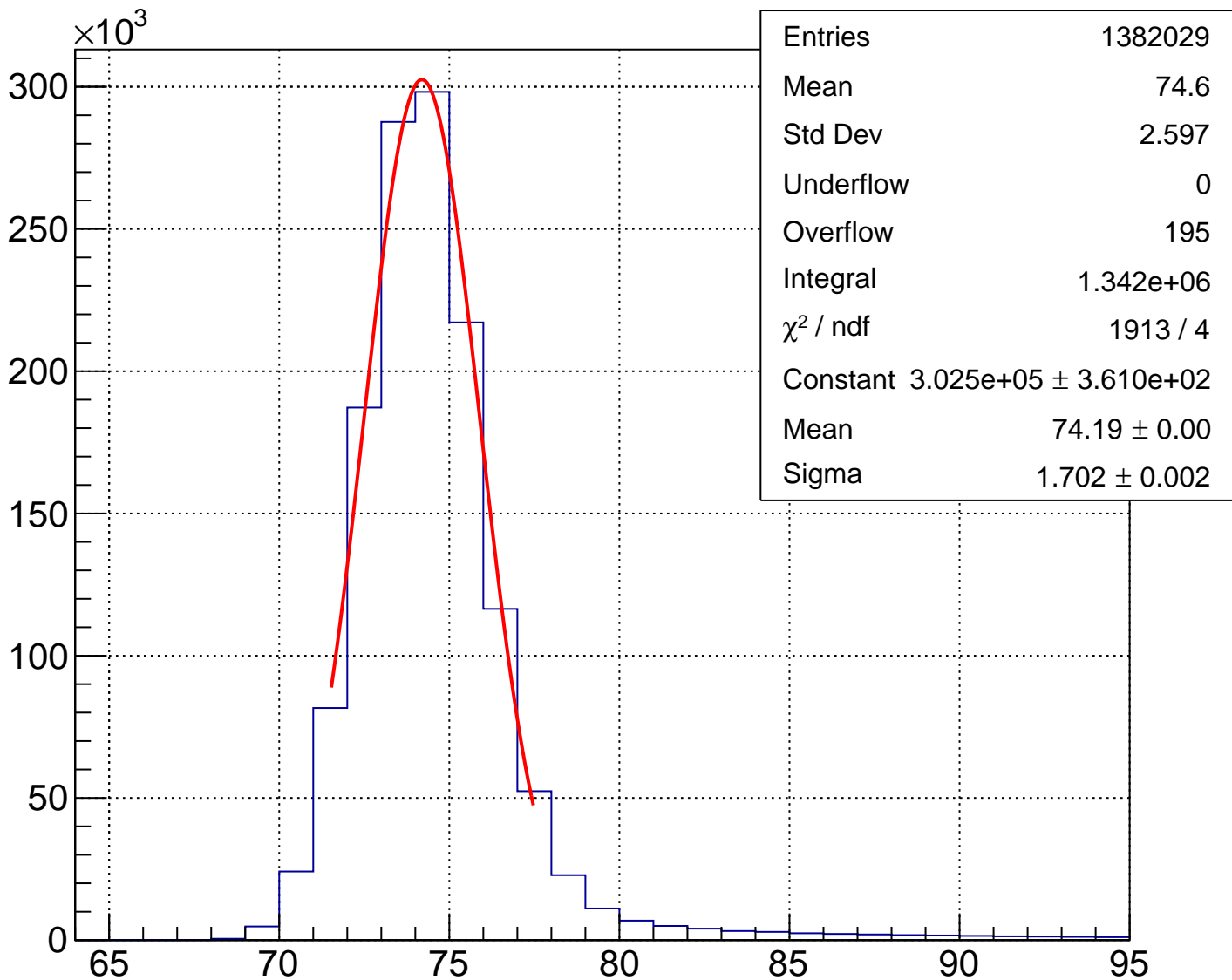




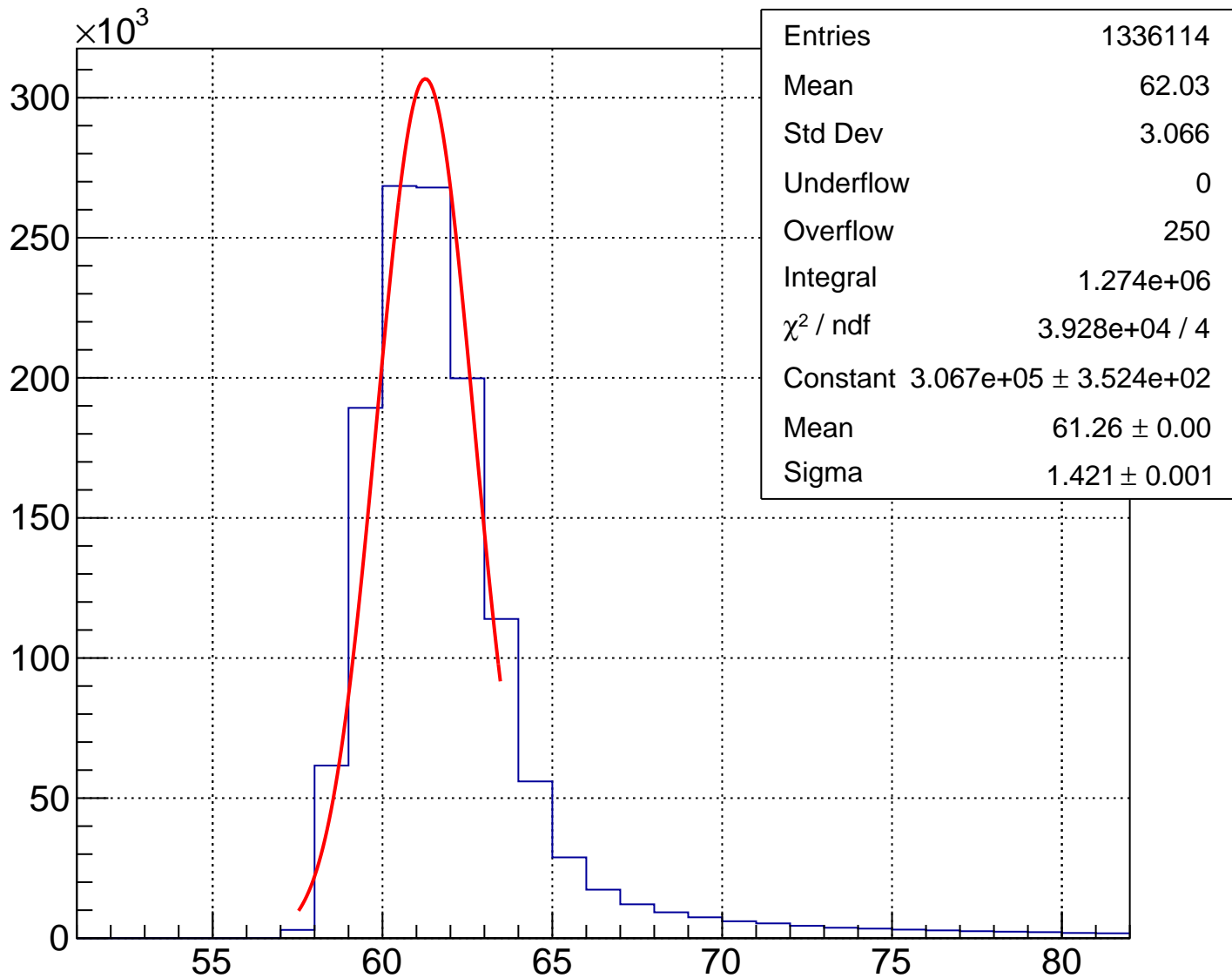
# TOFDPEDE\_8



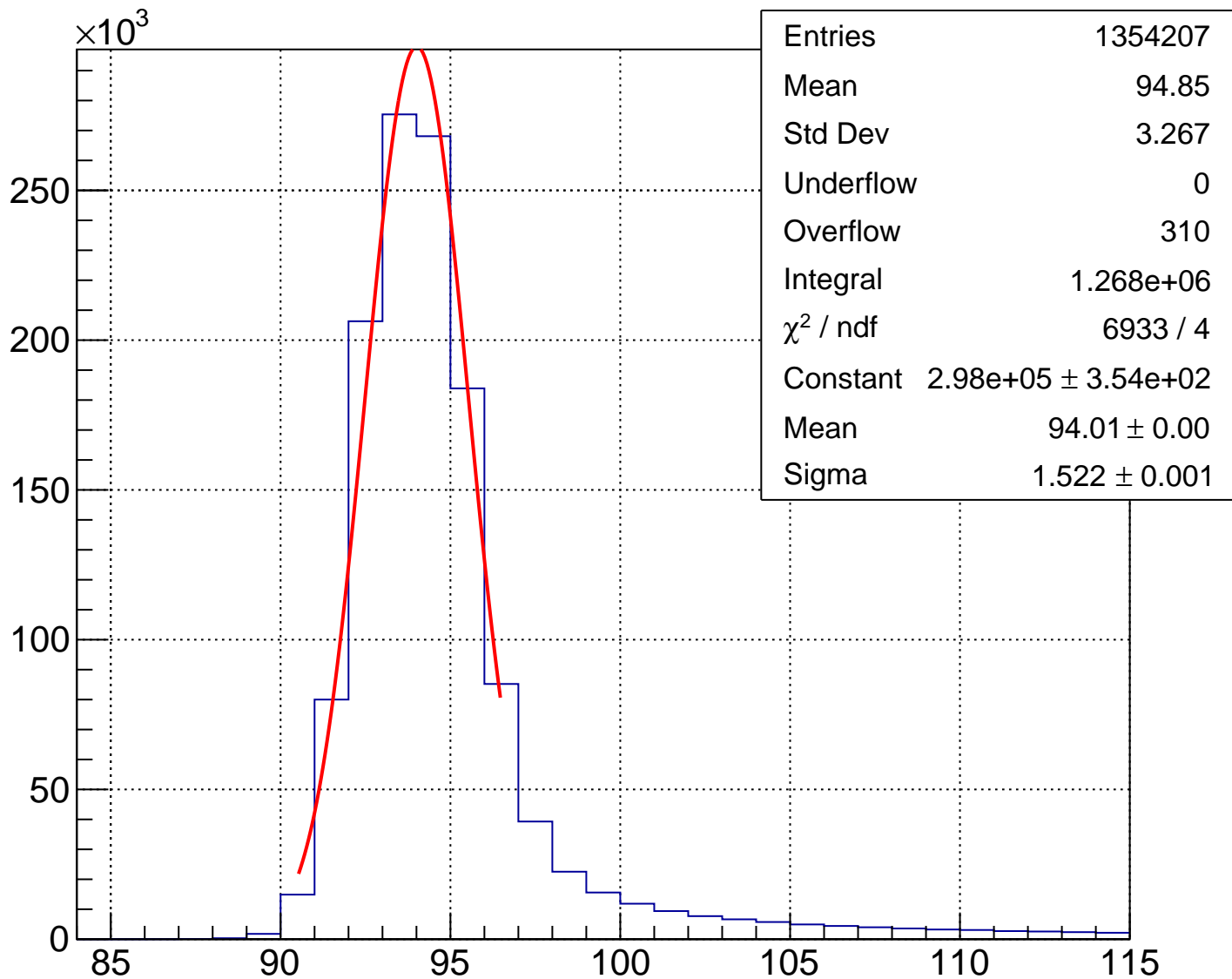
# TOFDPEDE\_9



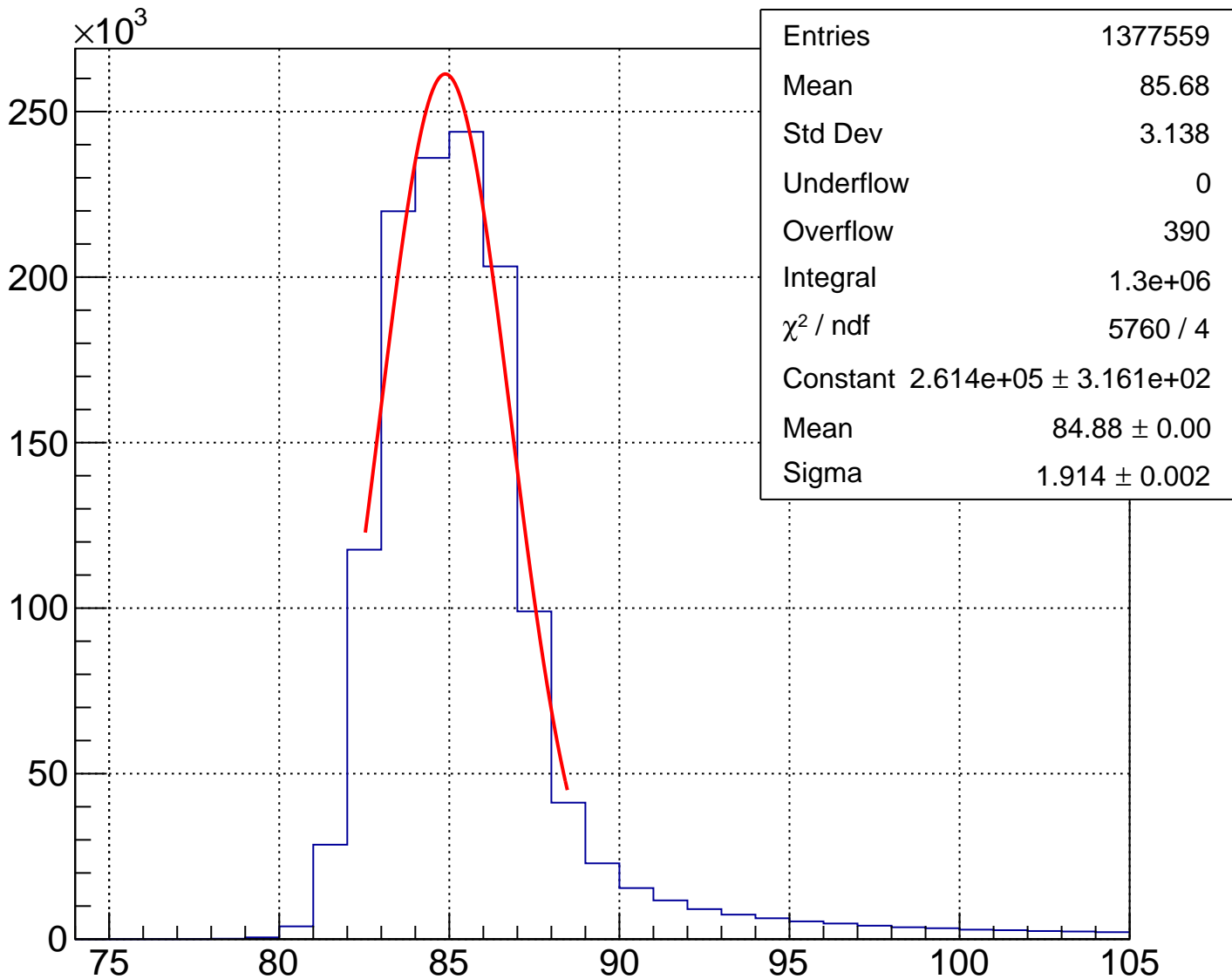
# TOFDPEDE\_10



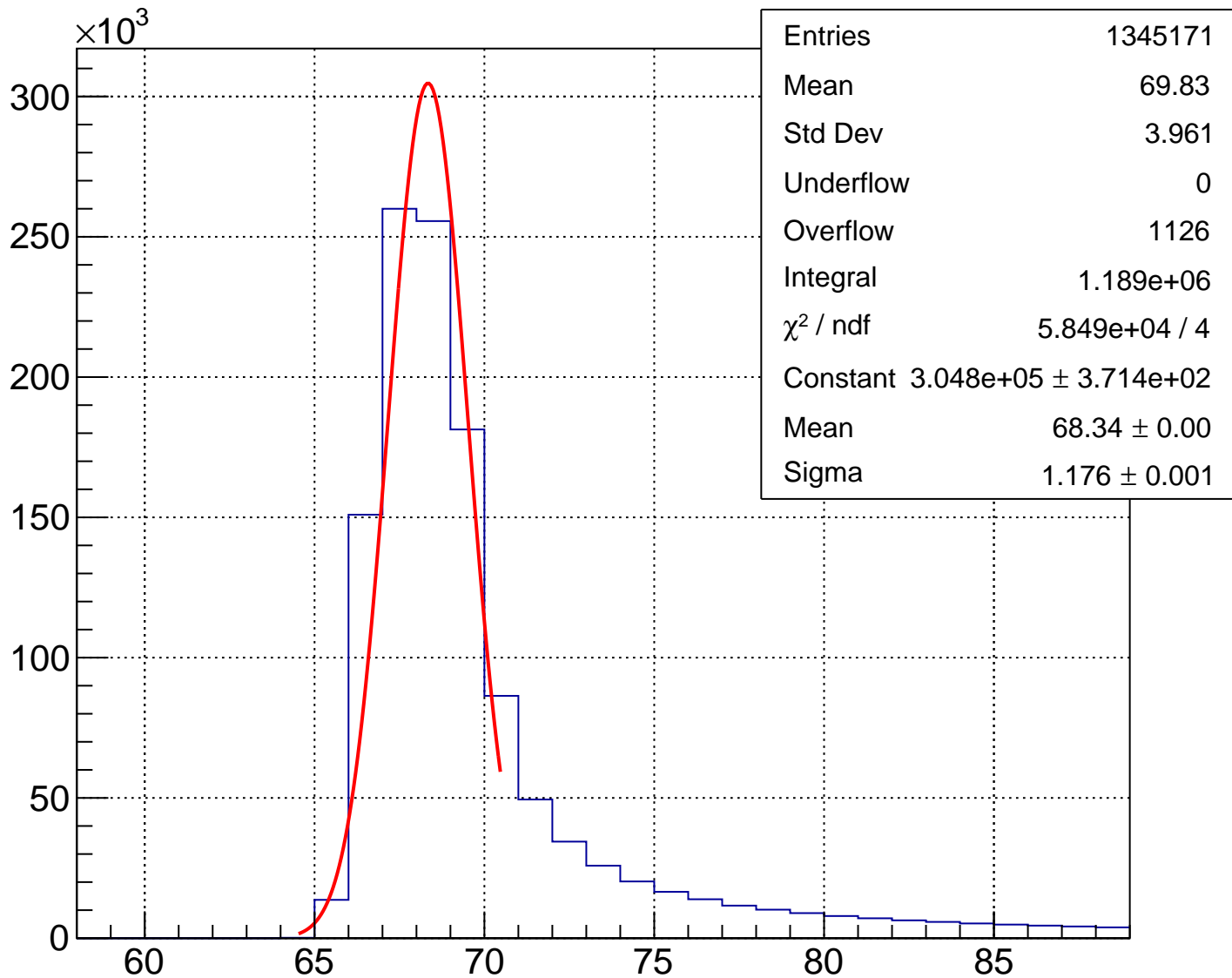
# TOFDPEDE\_11



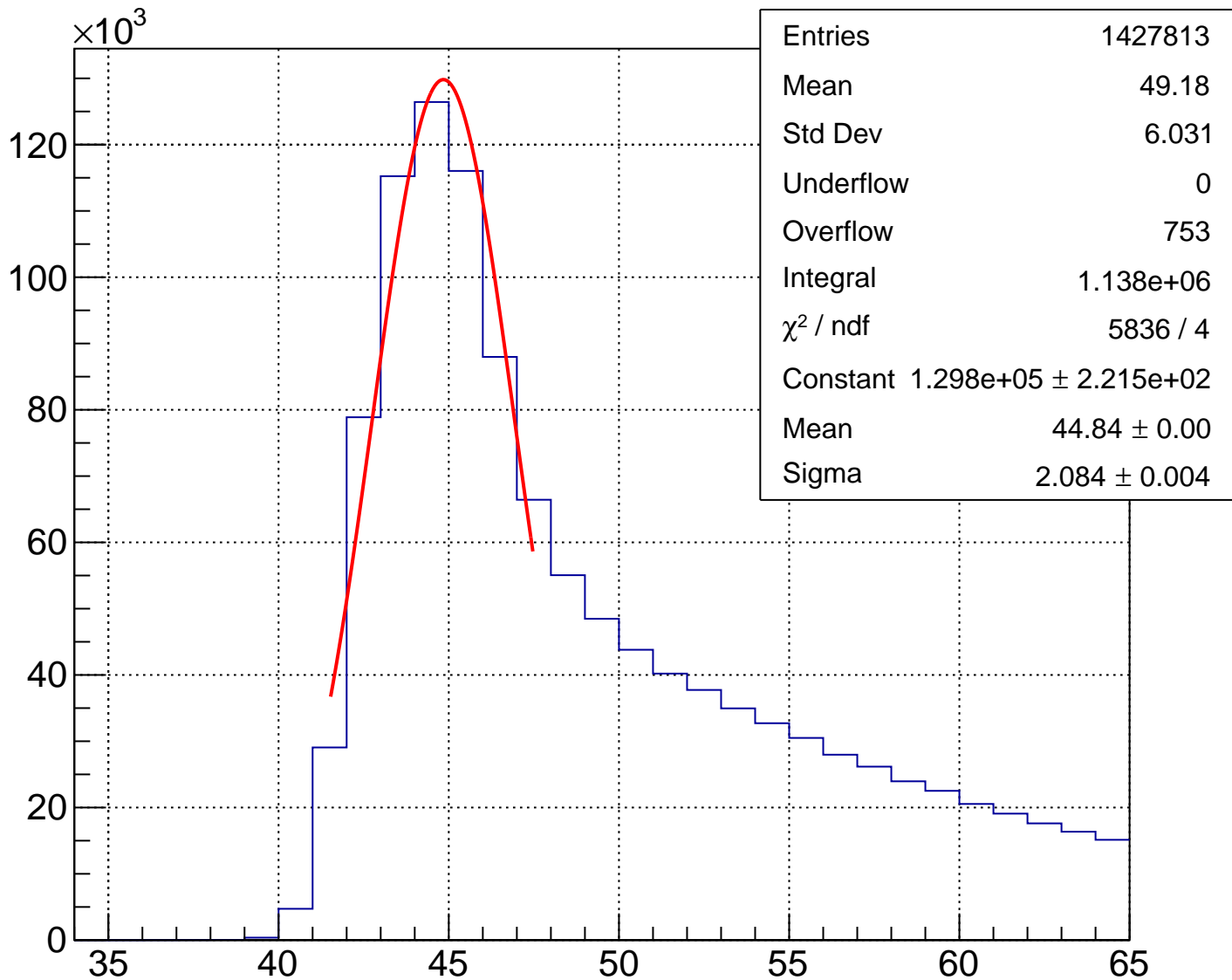
# TOFDPEDE\_12



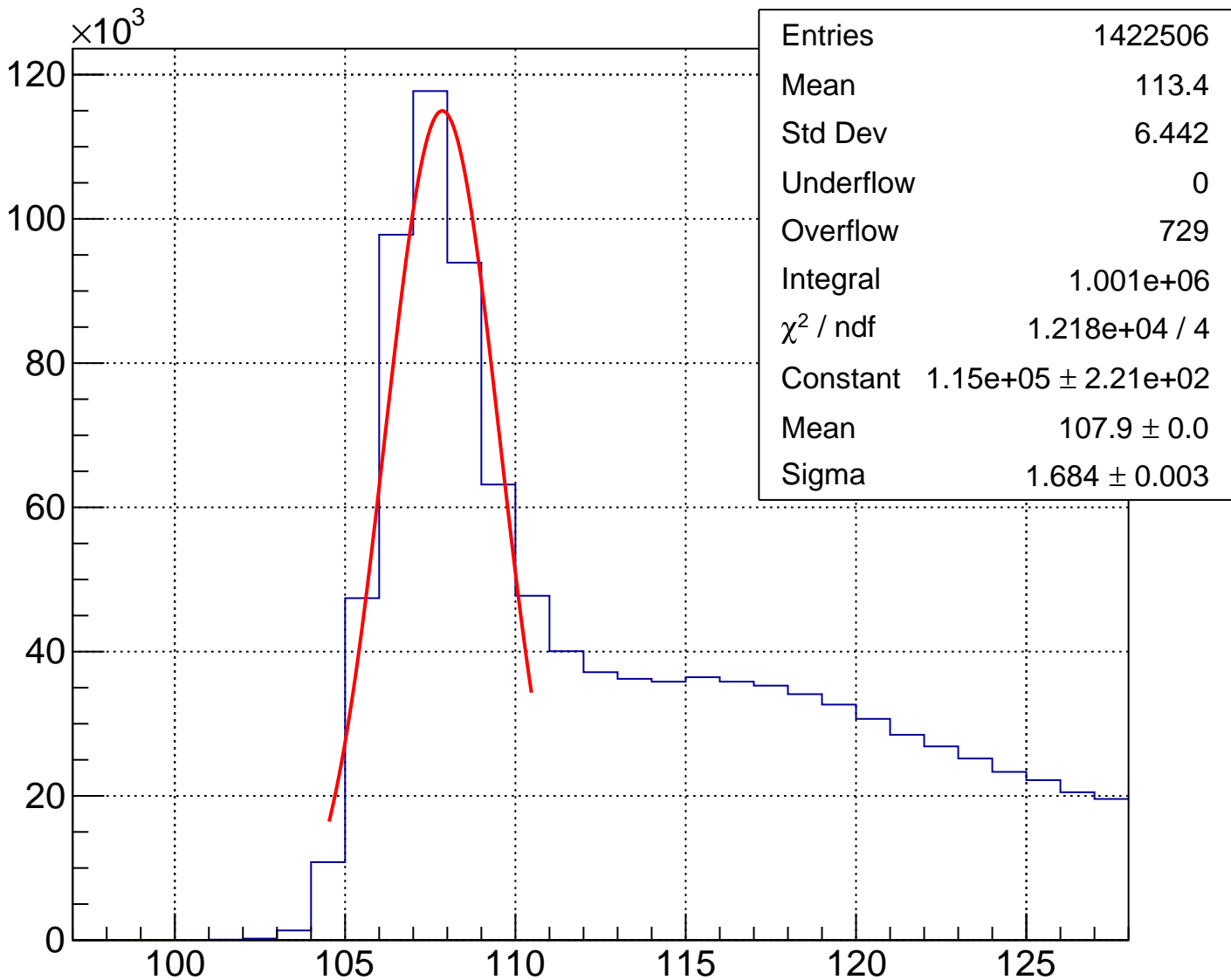
# TOFDPEDE\_13



# TOFDPEDE\_14

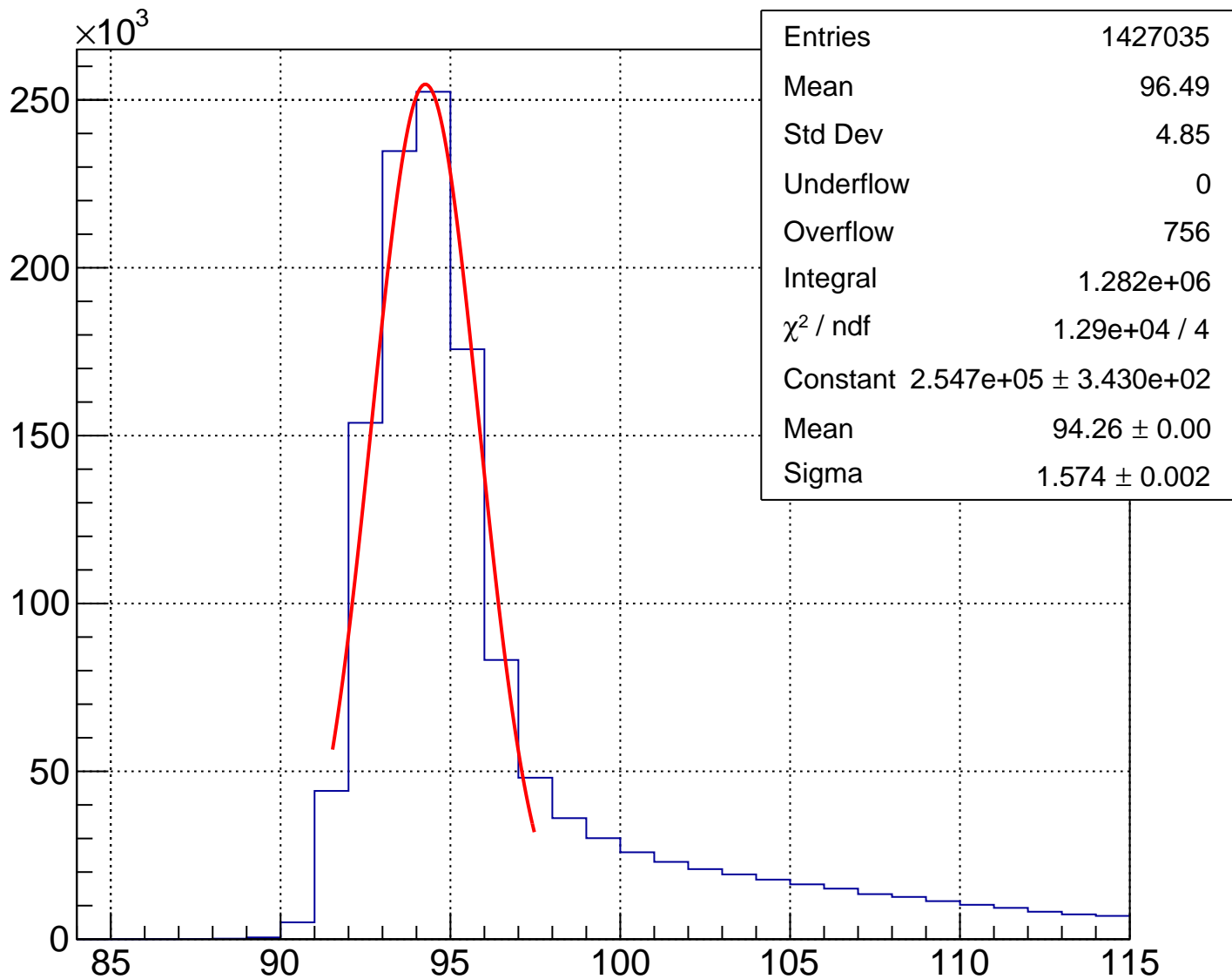


# TOFDPEDE\_15

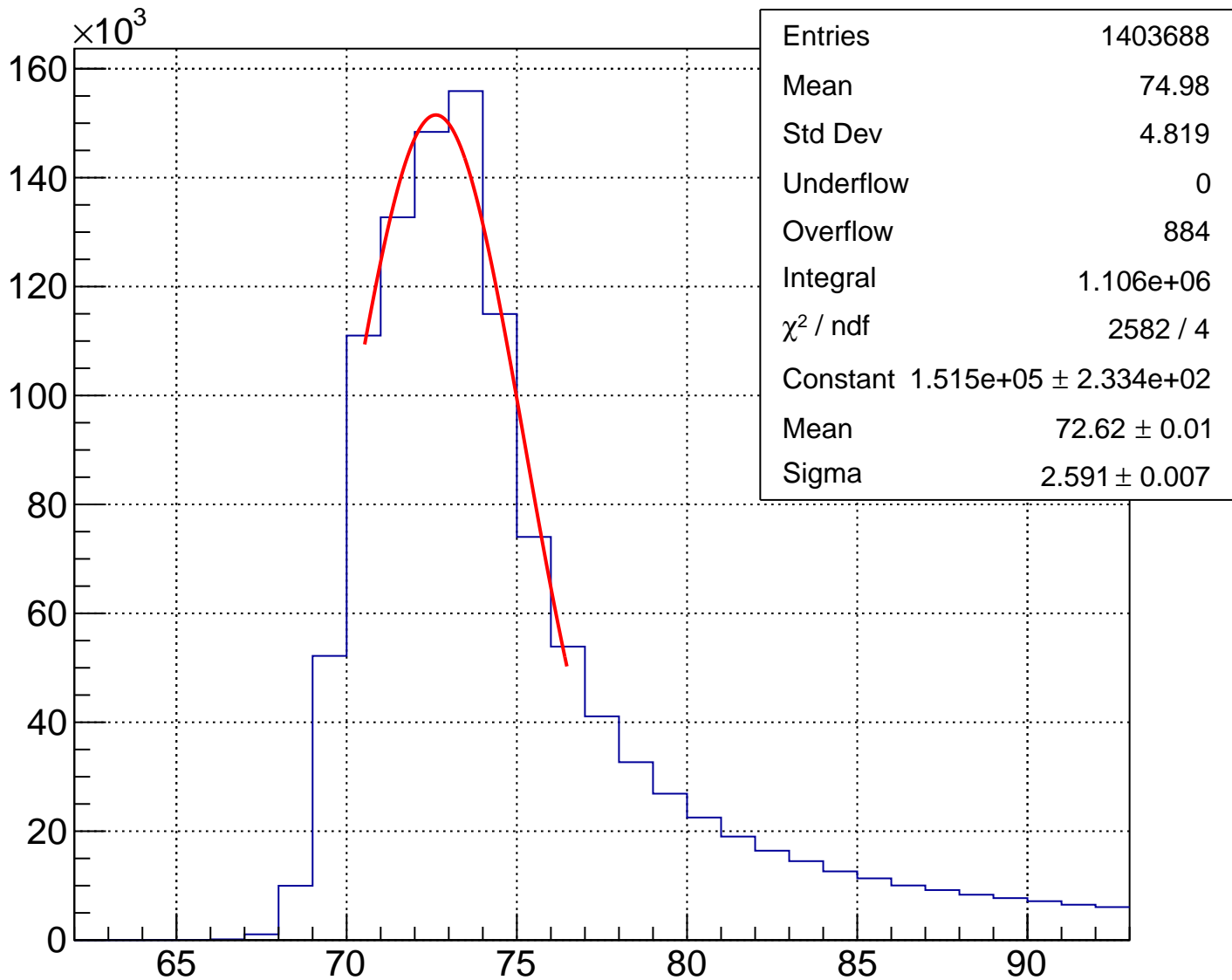




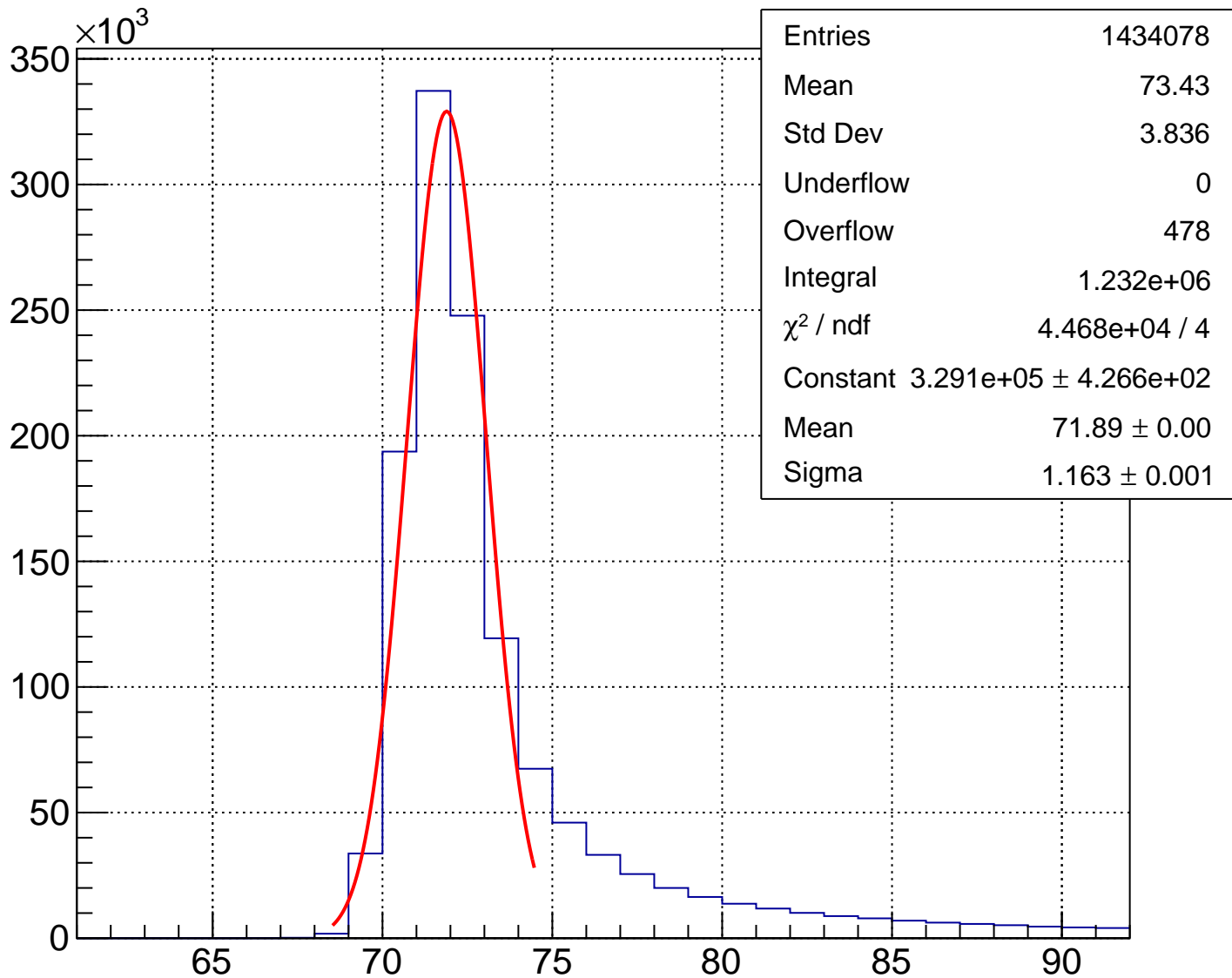
# TOFDPEDE\_16



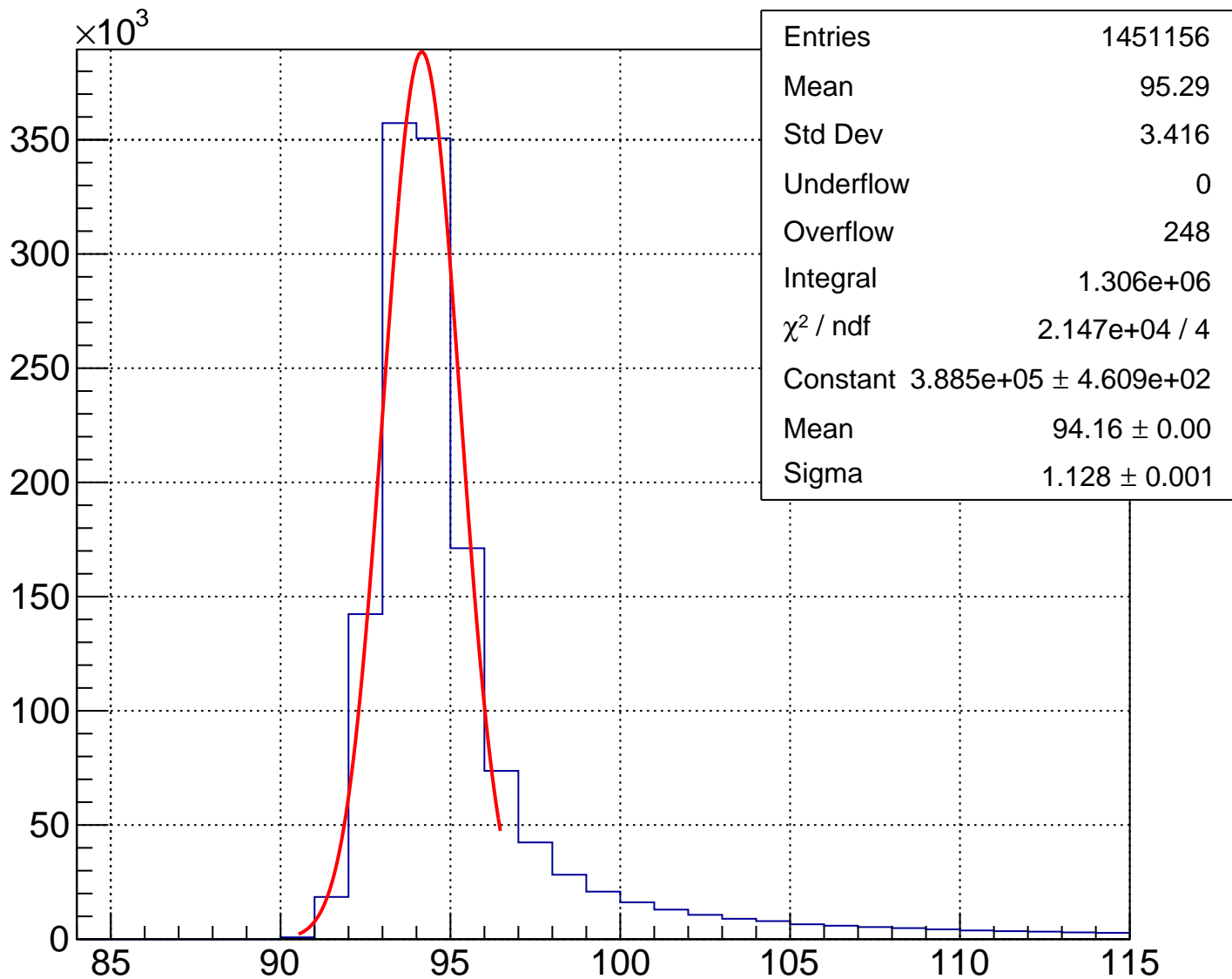
# TOFDPEDE\_17



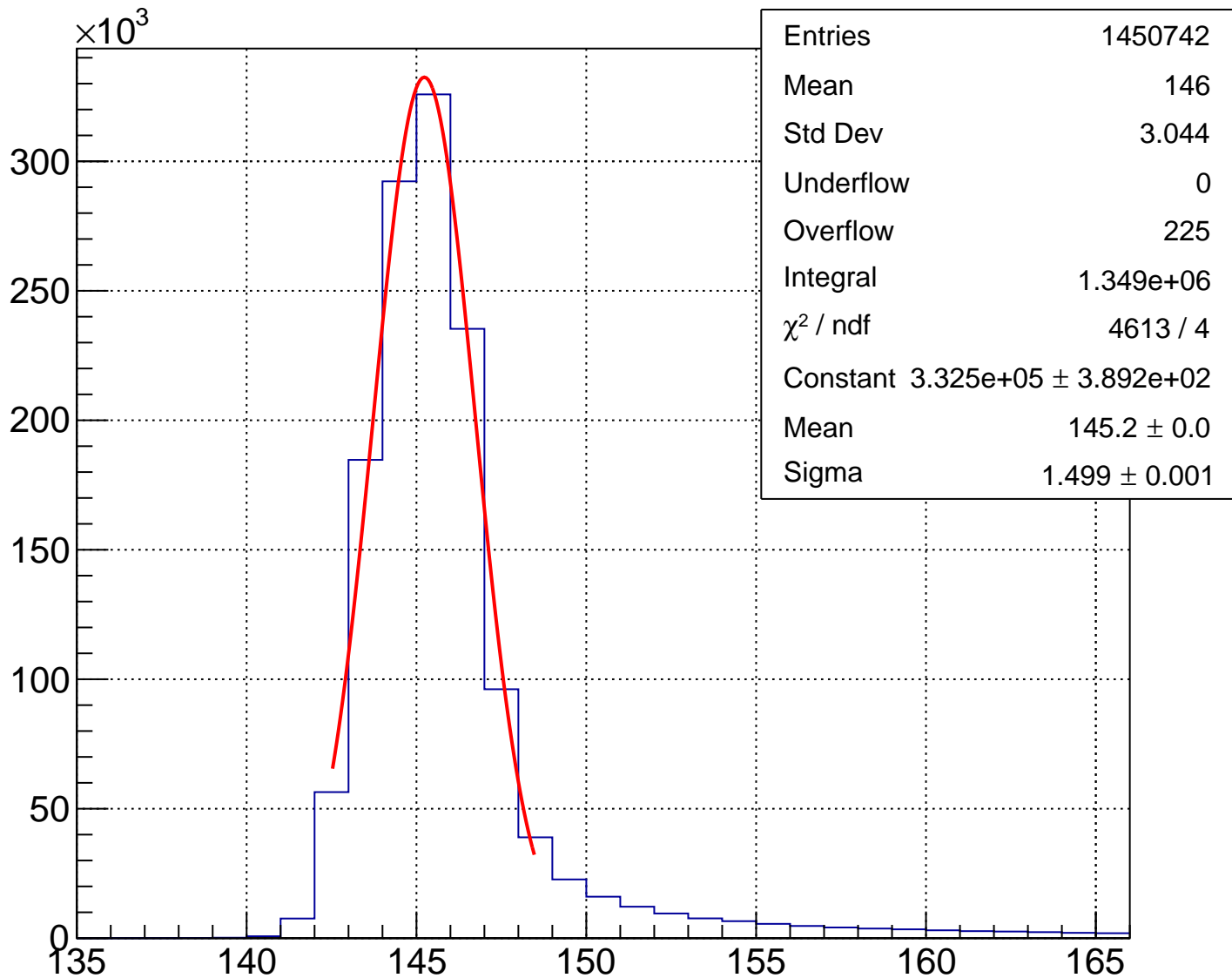
# TOFDPEDE\_18



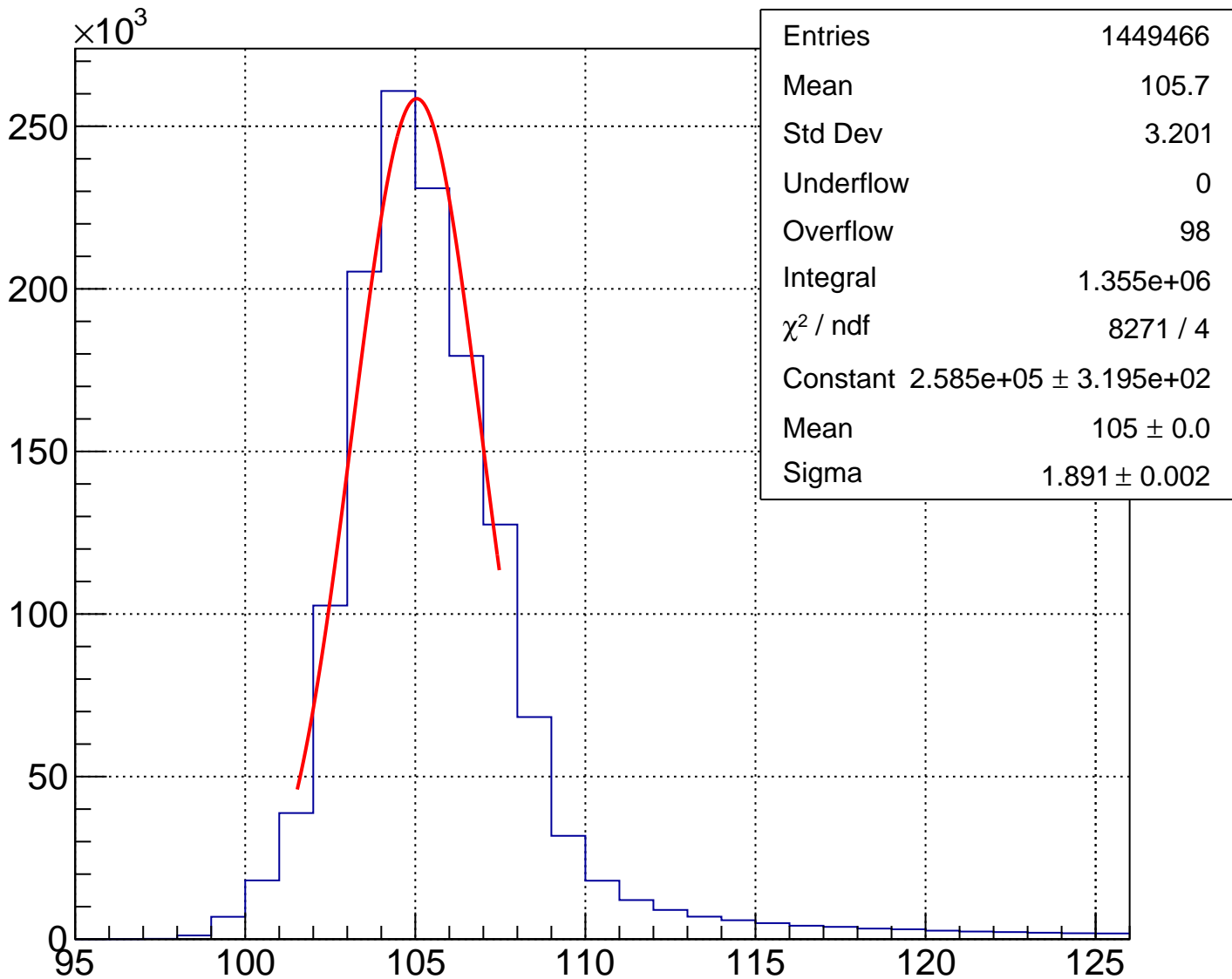
# TOFDPEDE\_19



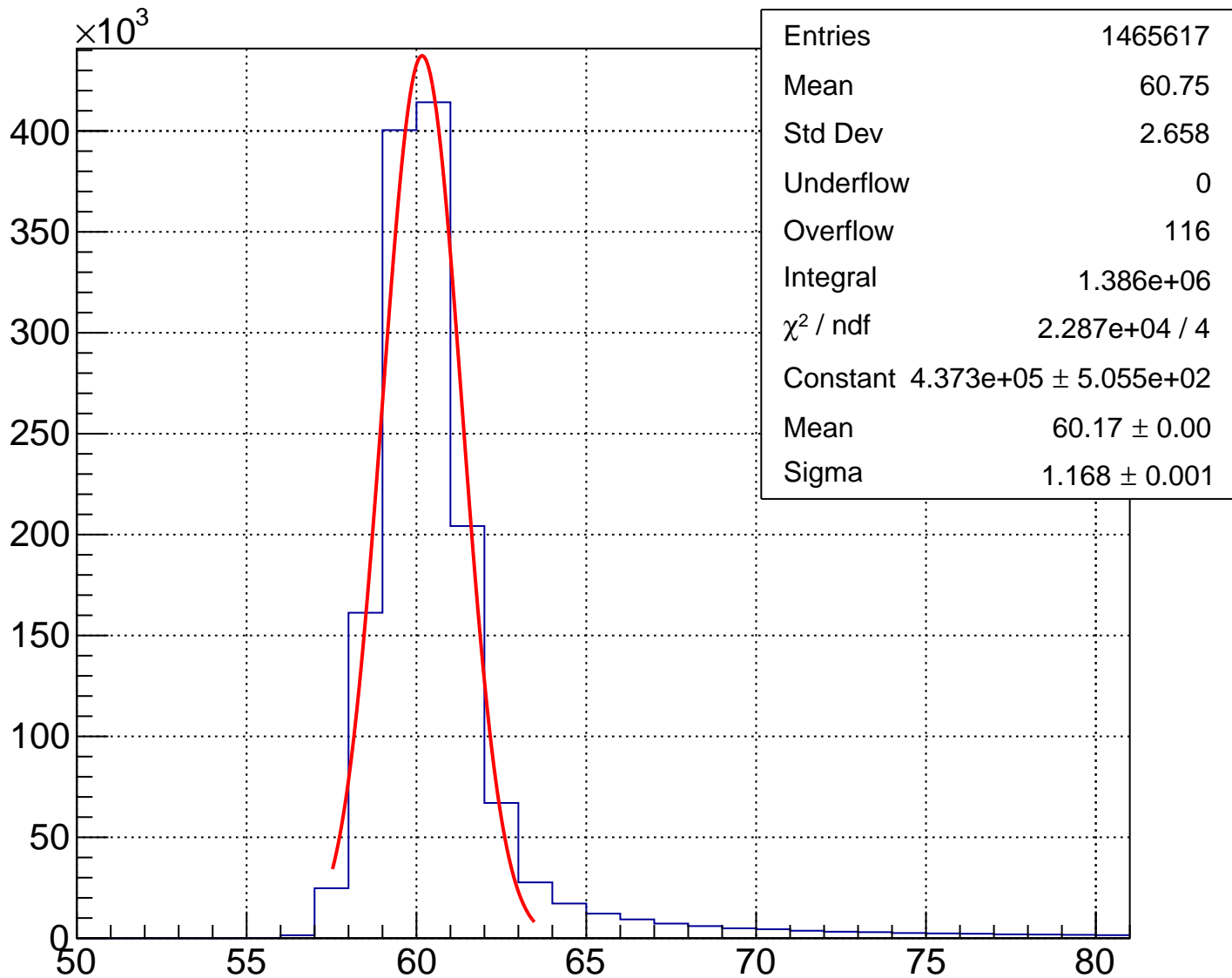
# TOFDPEDE\_20



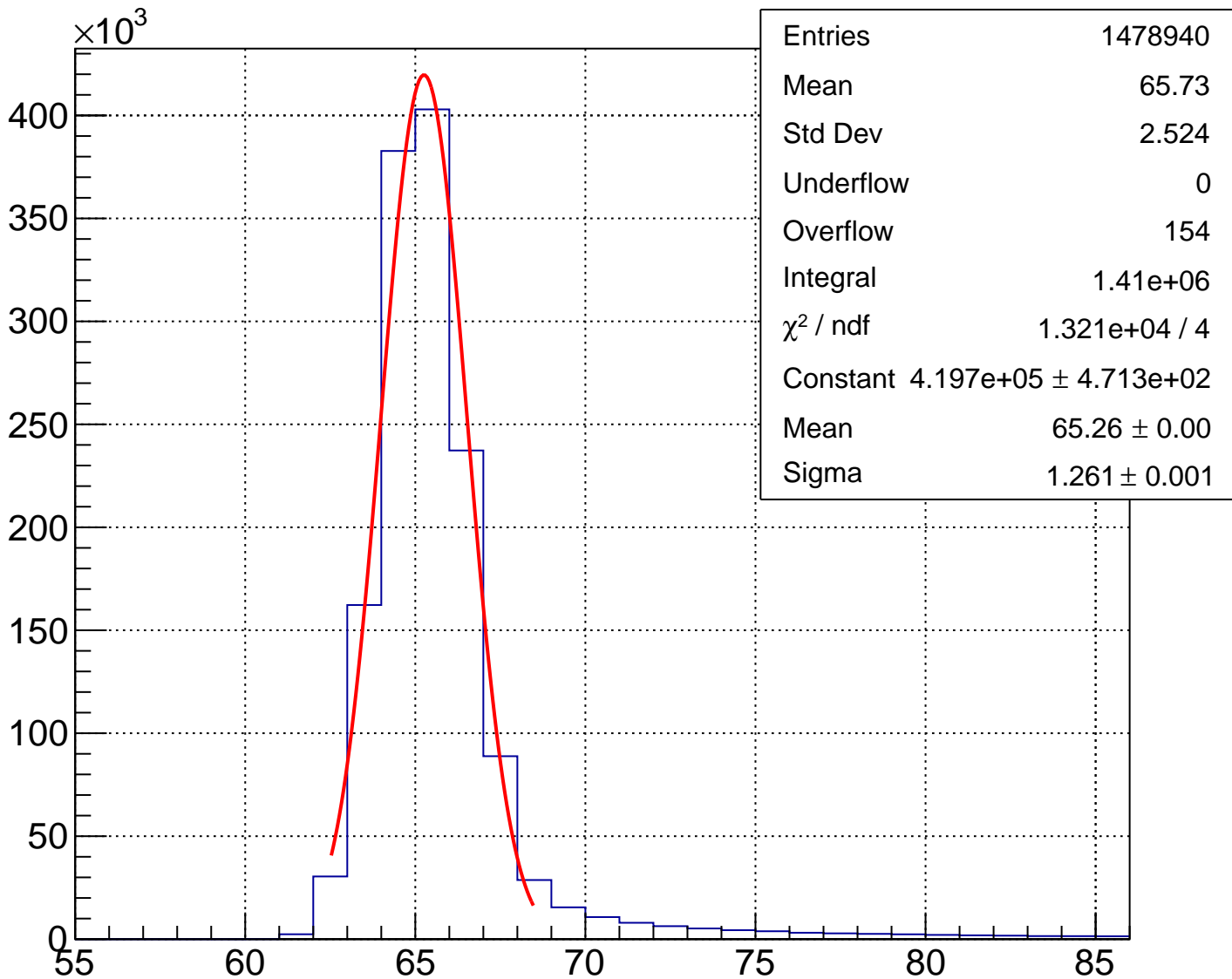
# TOFDPEDE\_21



# TOFDPEDE\_22

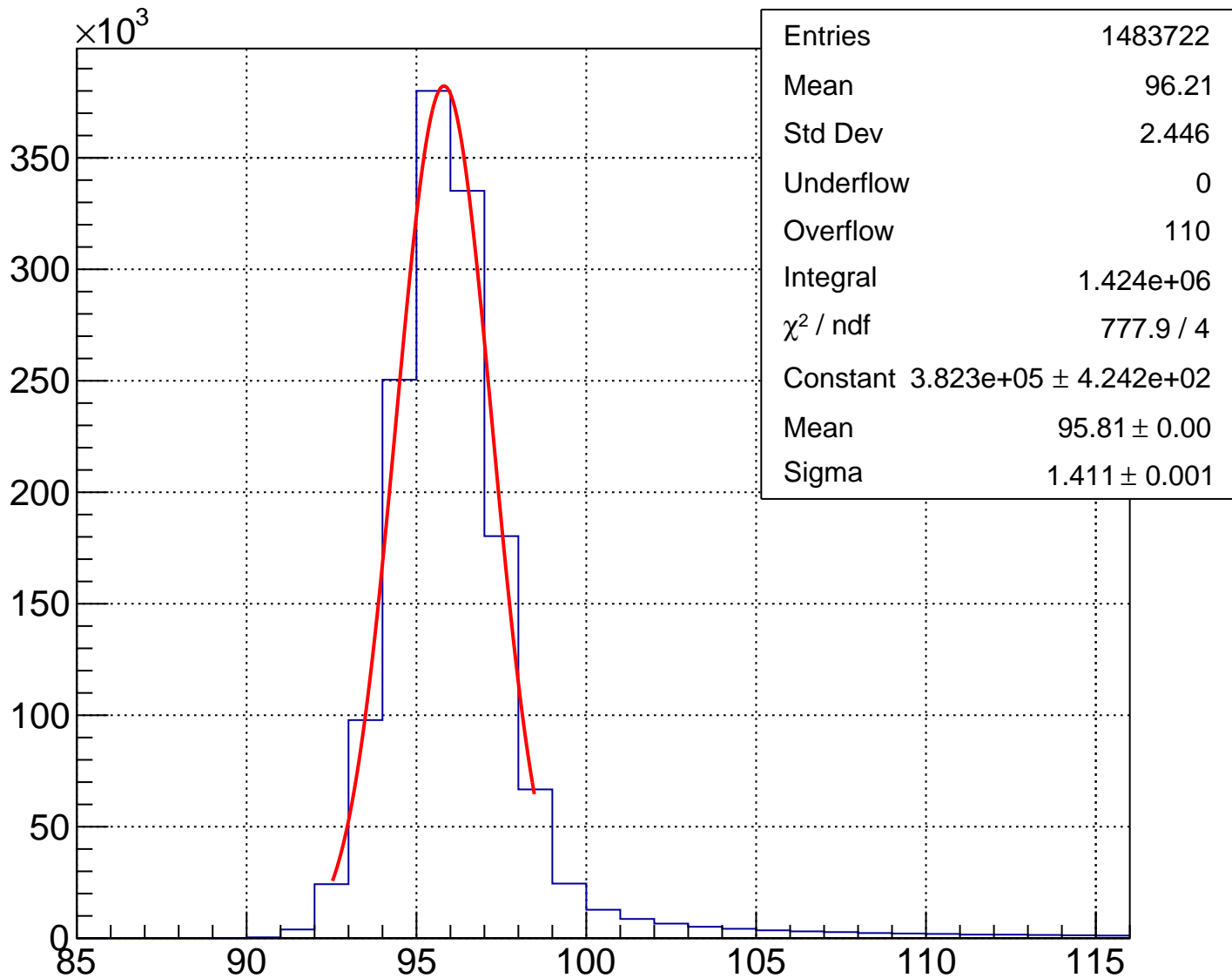


# TOFDPEDE\_23

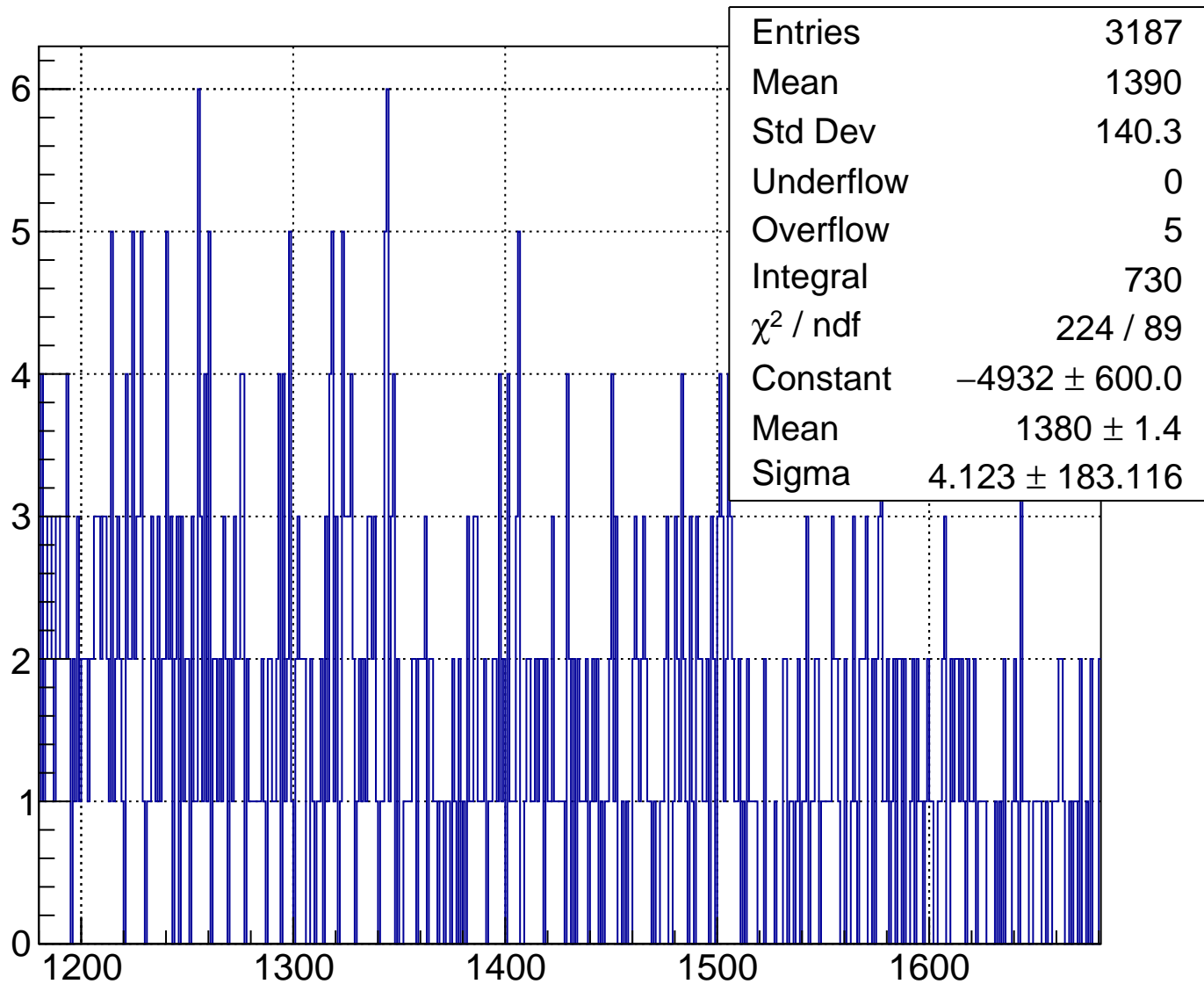




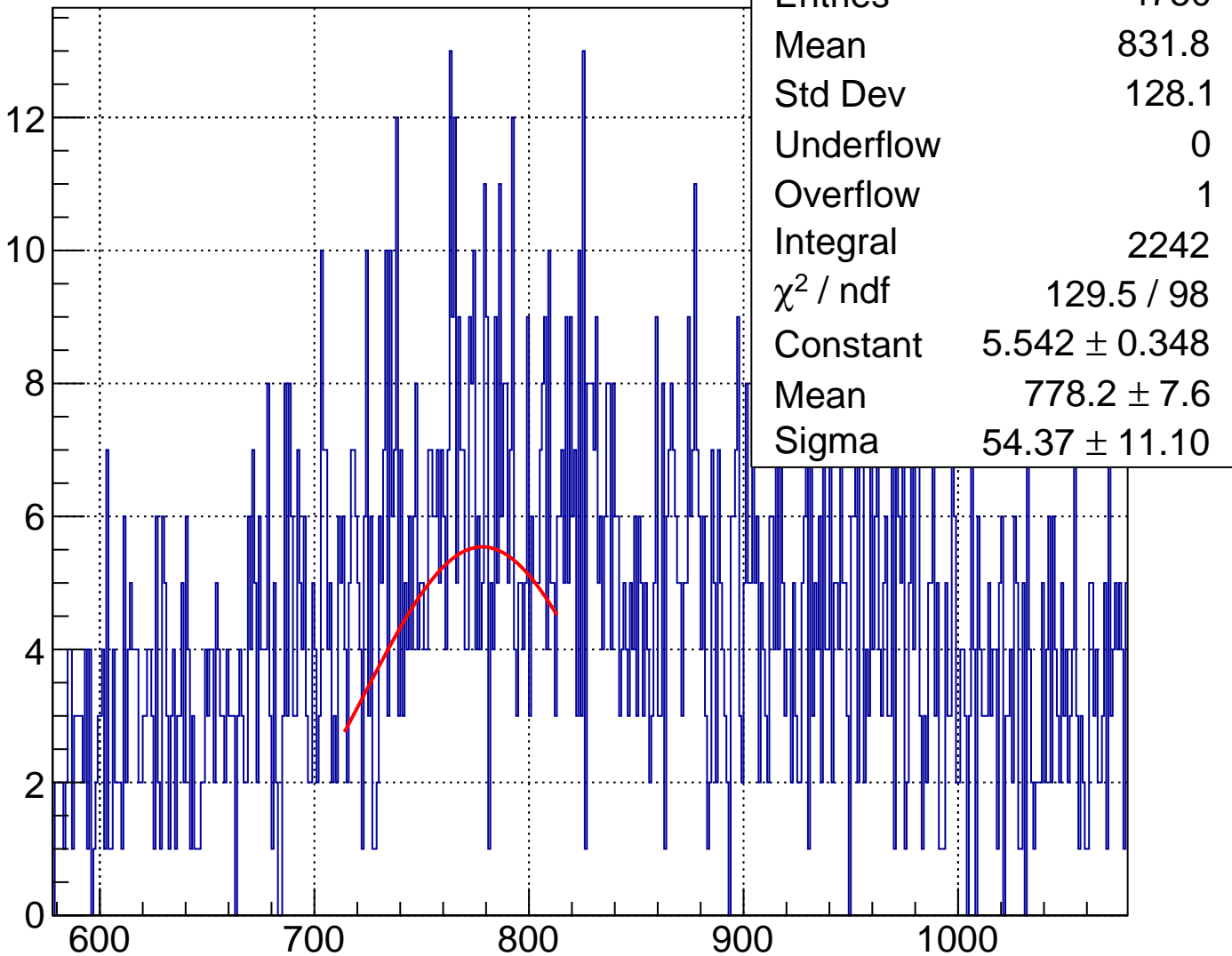
# TOFDPEDE\_24



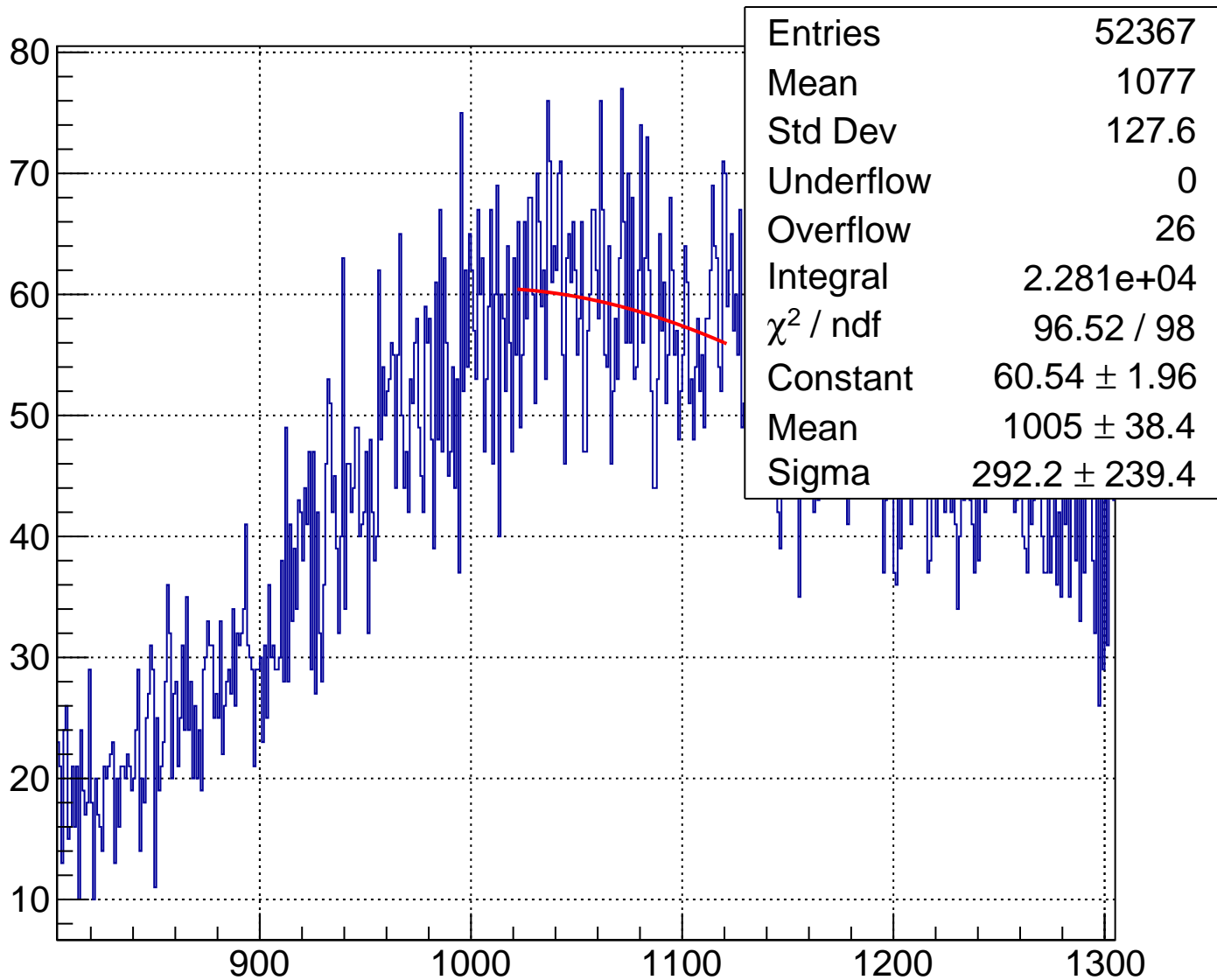
# TOFUMIP\_1



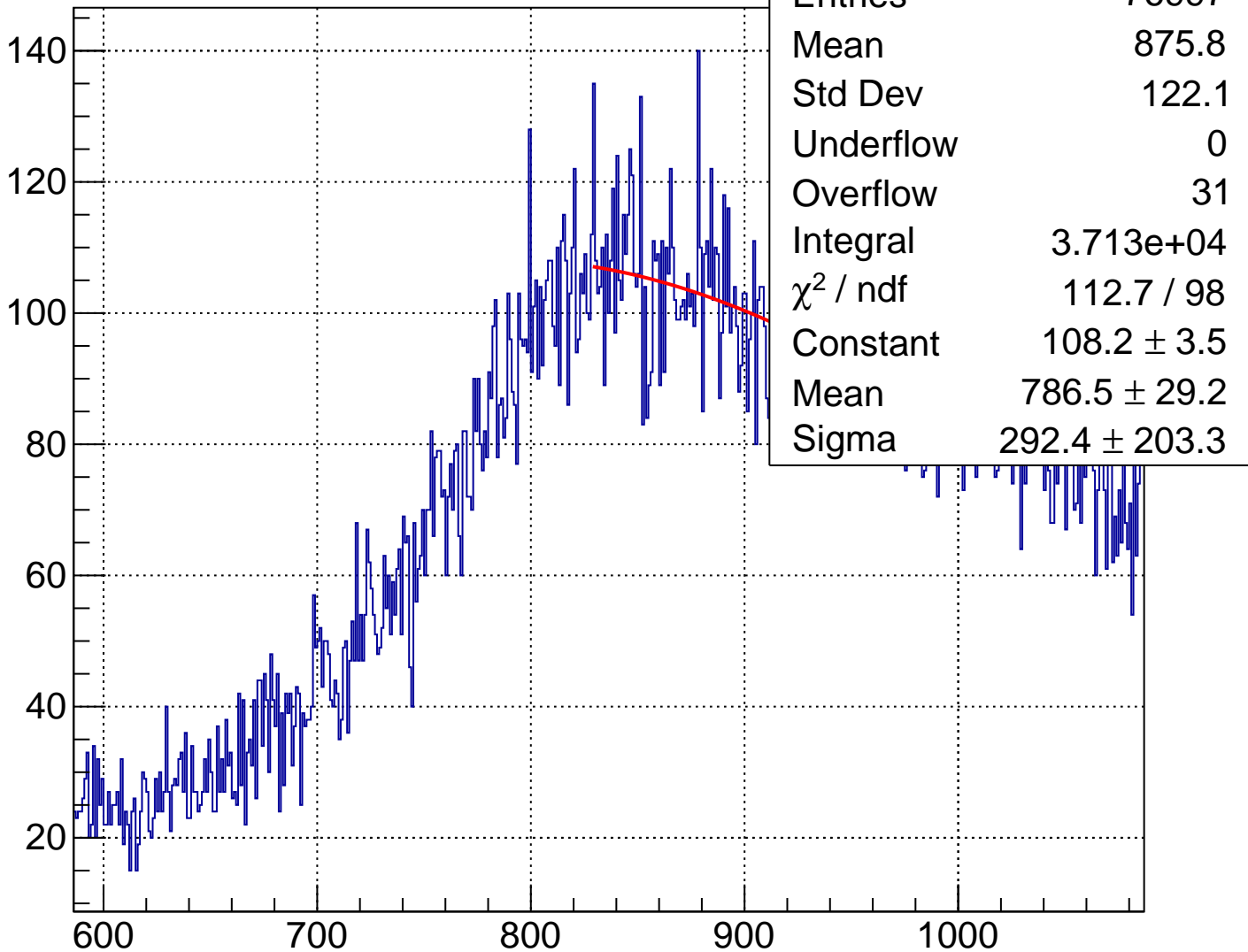
# TOFUMIP\_2



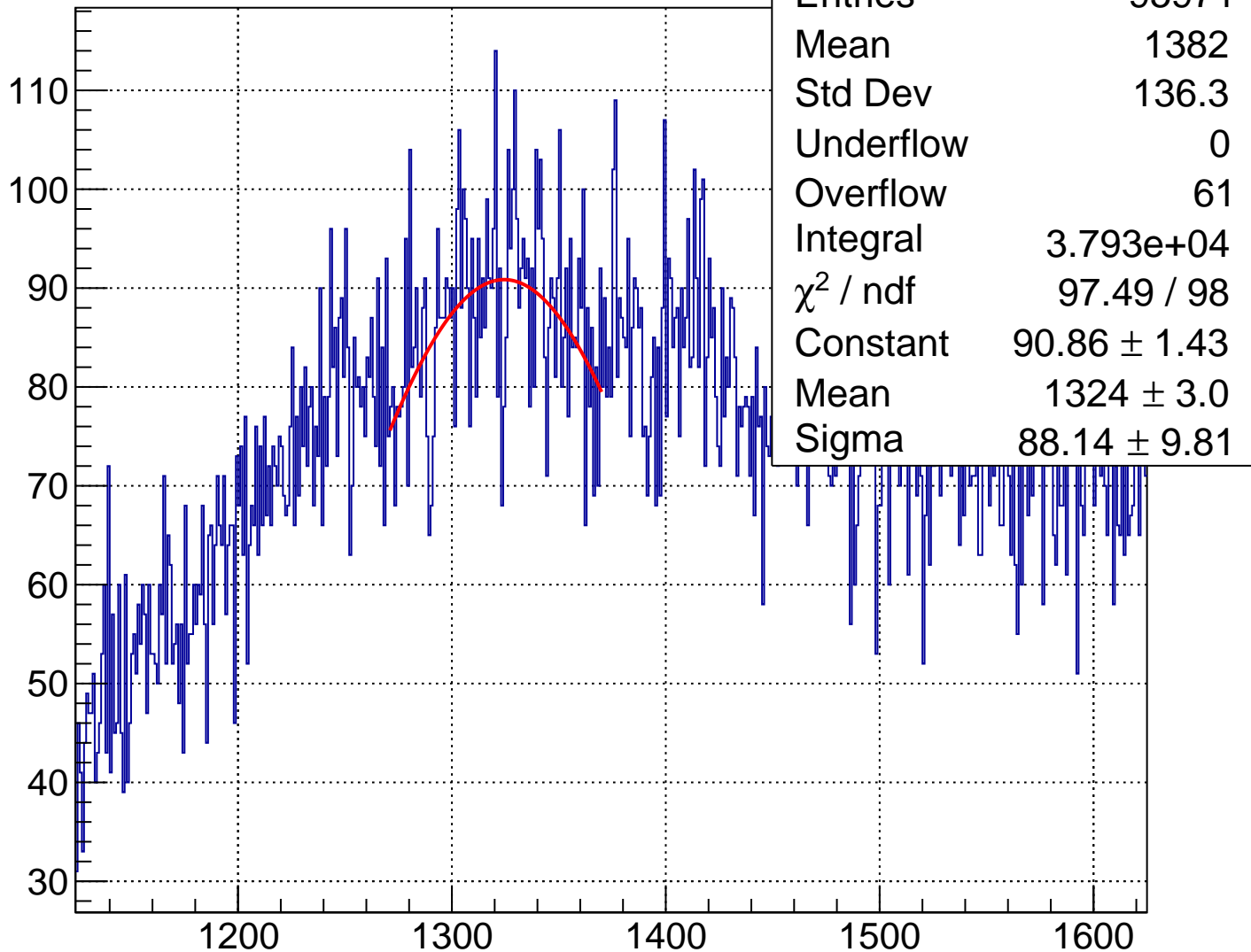
# TOFUMIP\_3



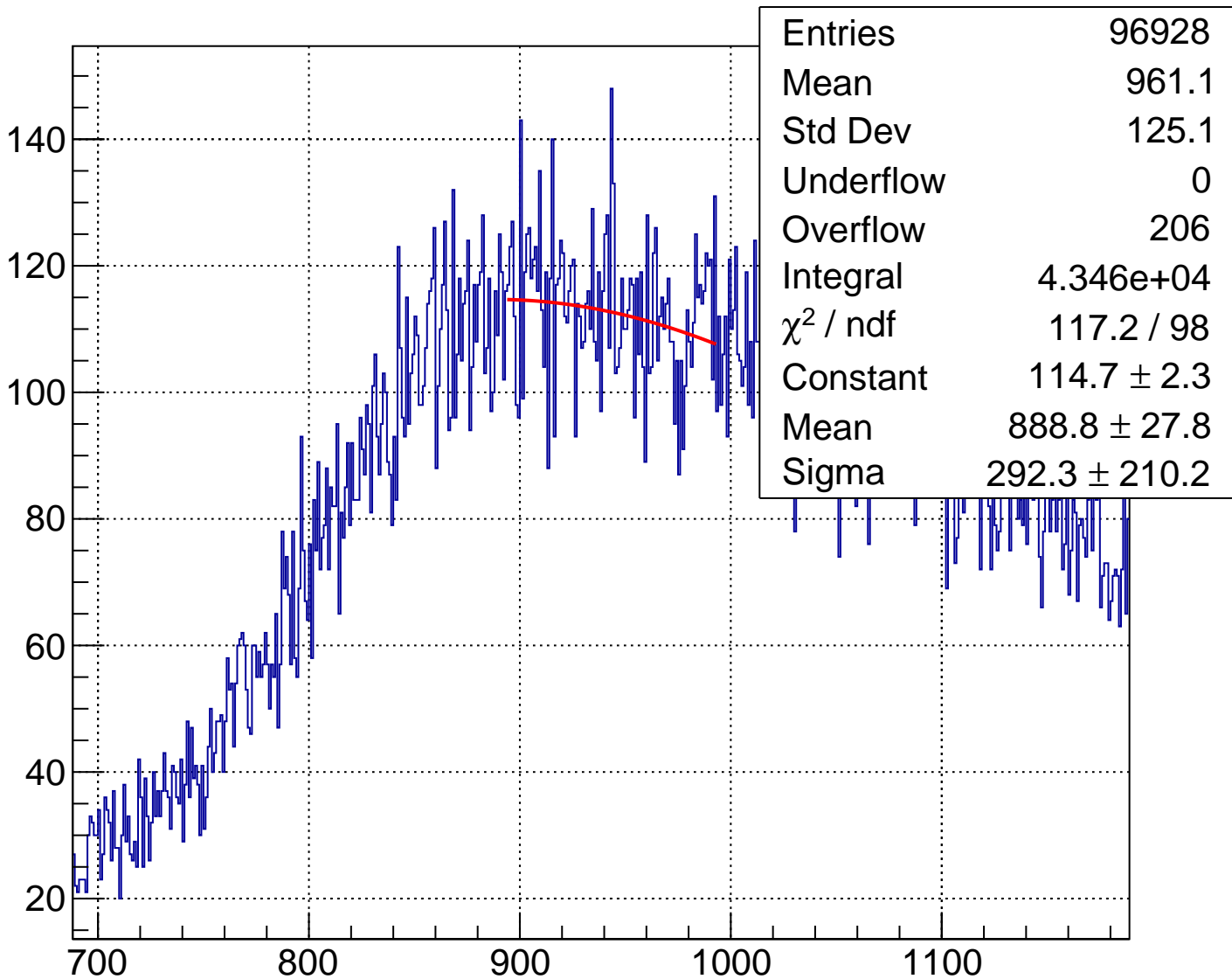
# TOFUMIP\_4



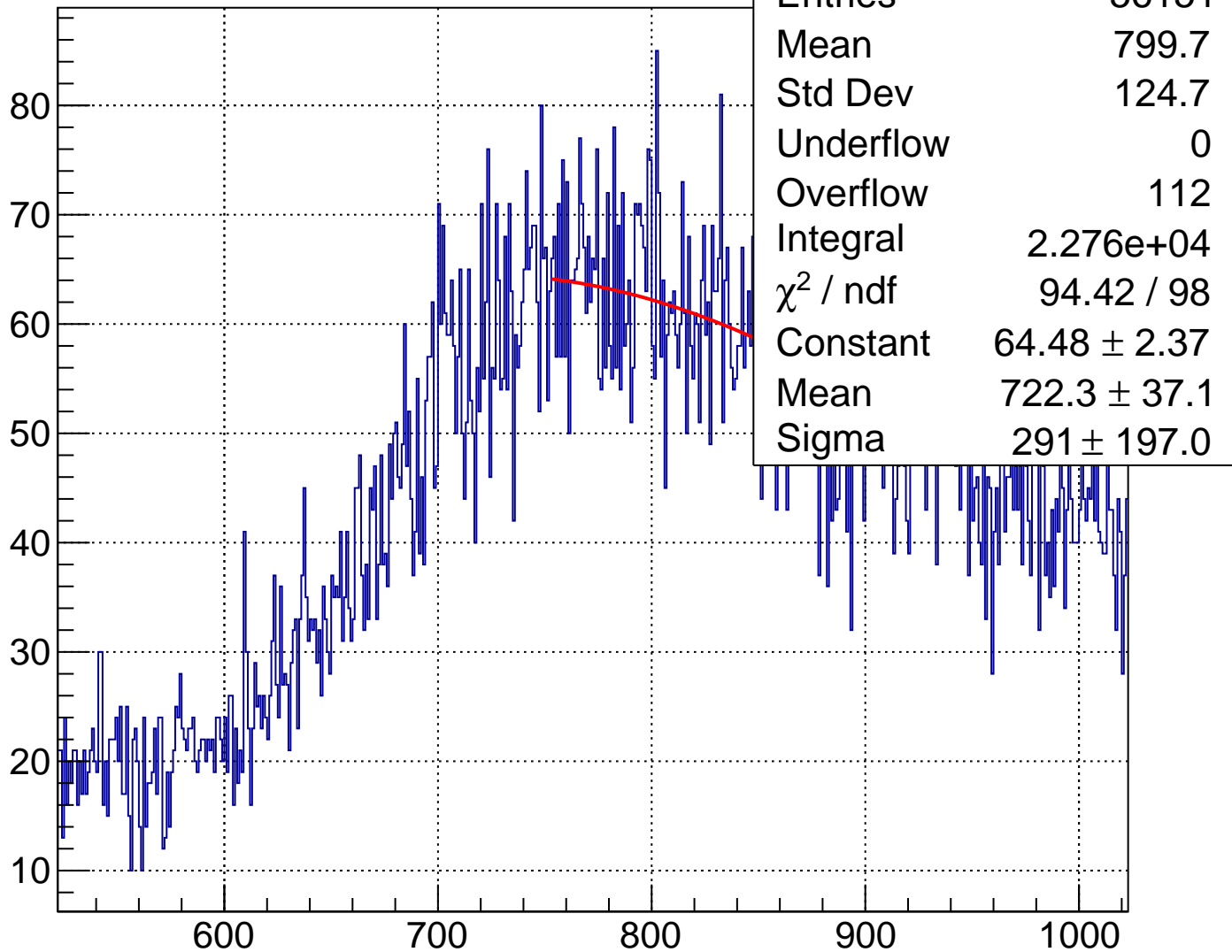
# TOFUMIP\_5



# TOFUMIP\_6

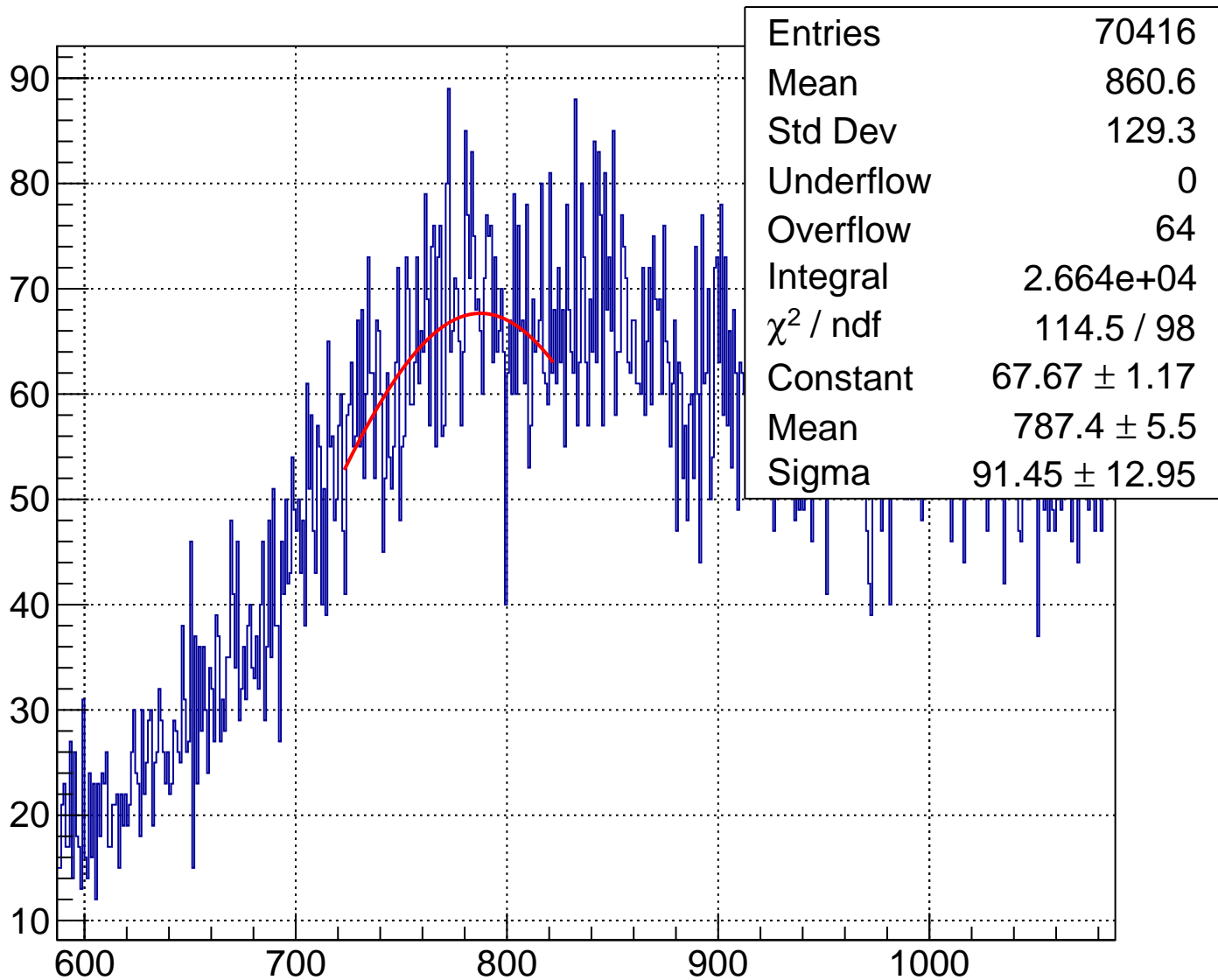


# TOFUMIP\_7

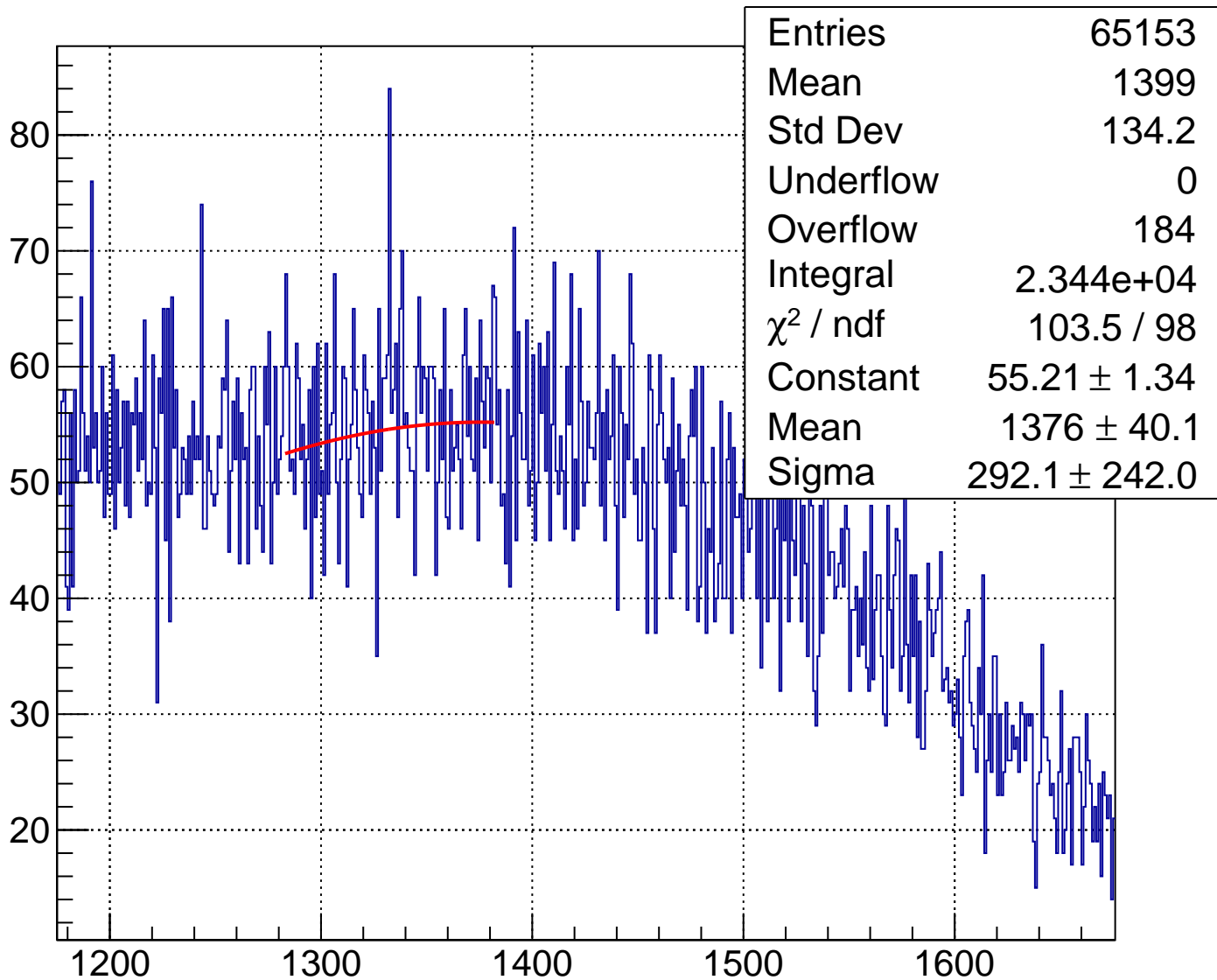




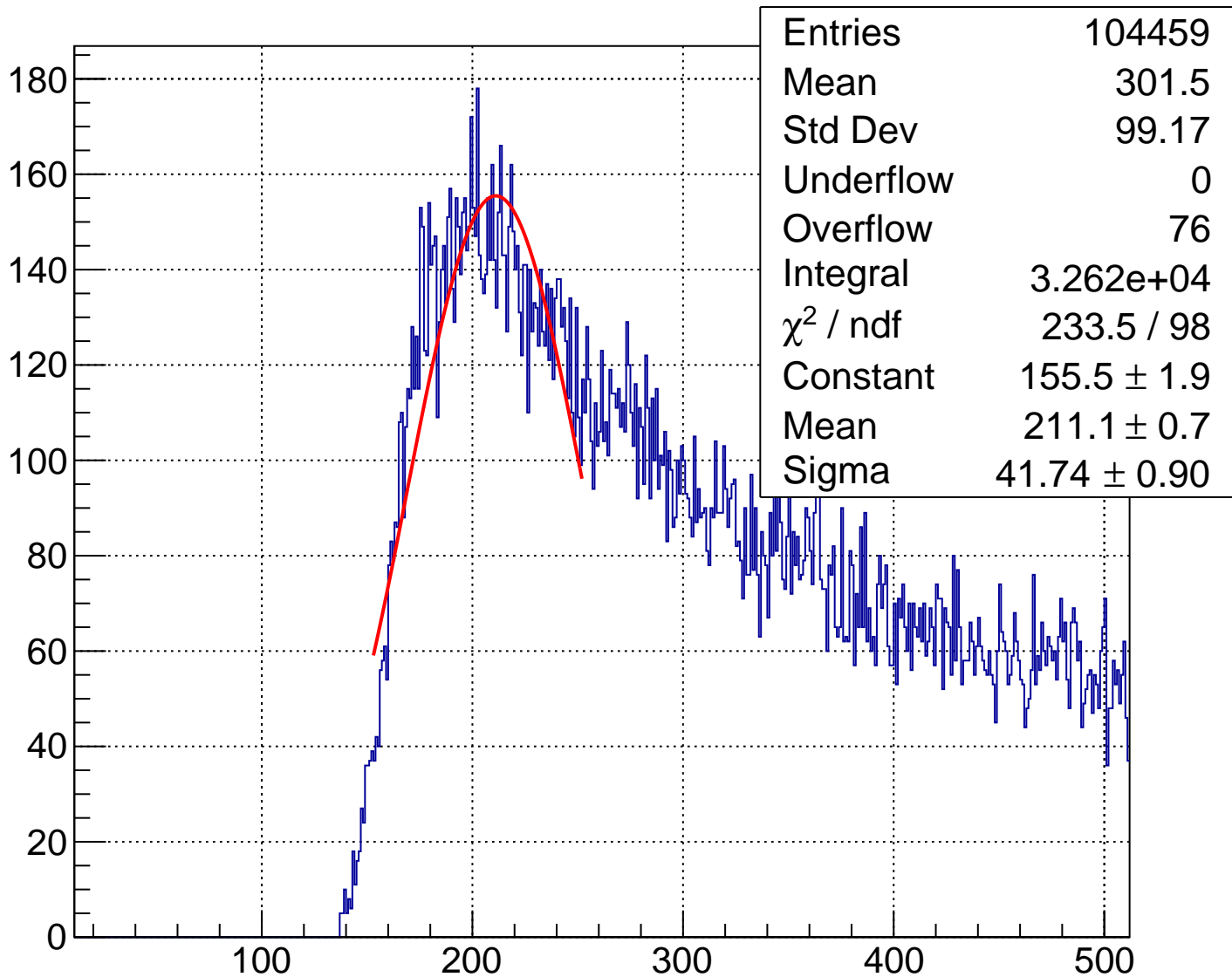
# TOFUMIP\_8



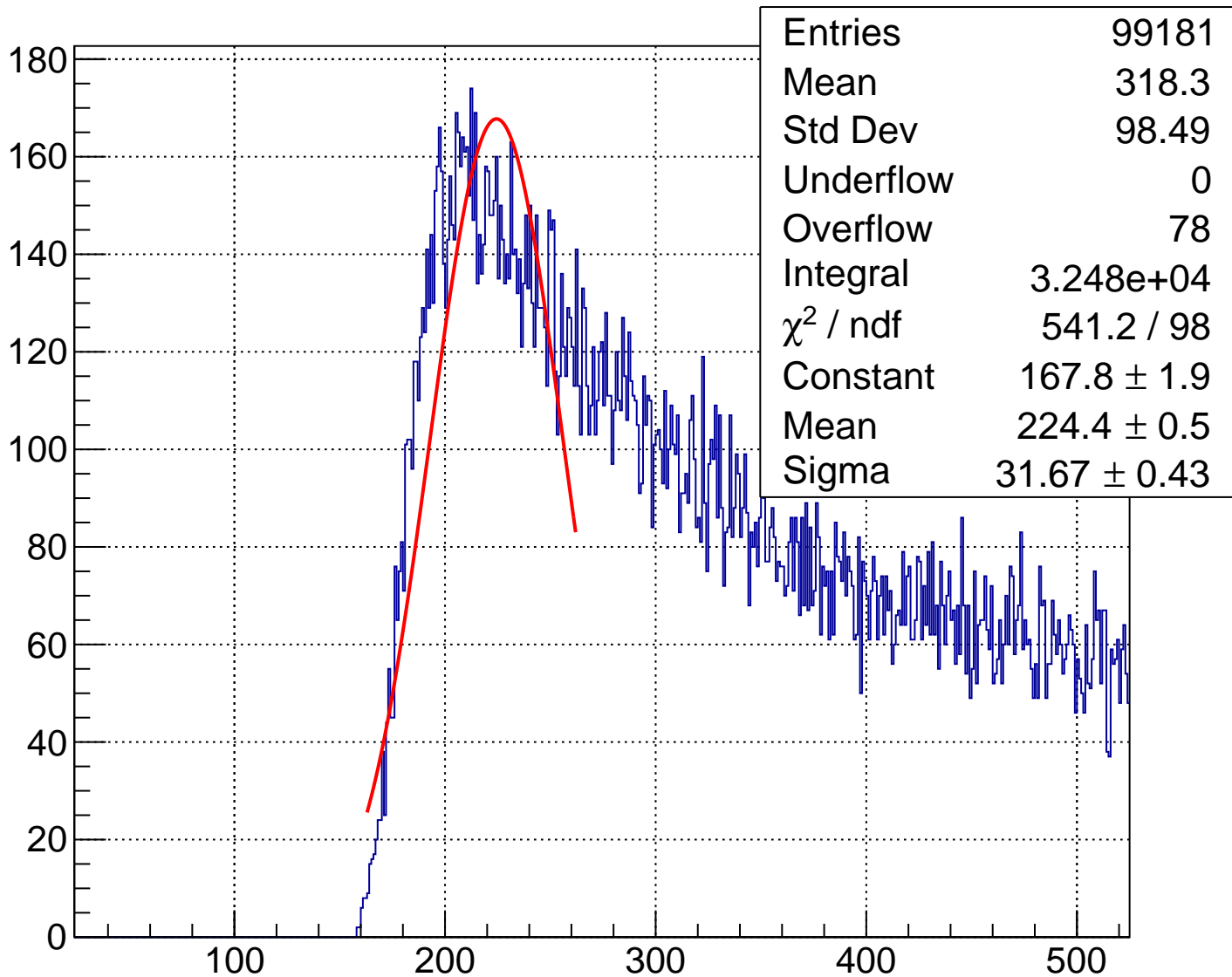
# TOFUMIP\_9



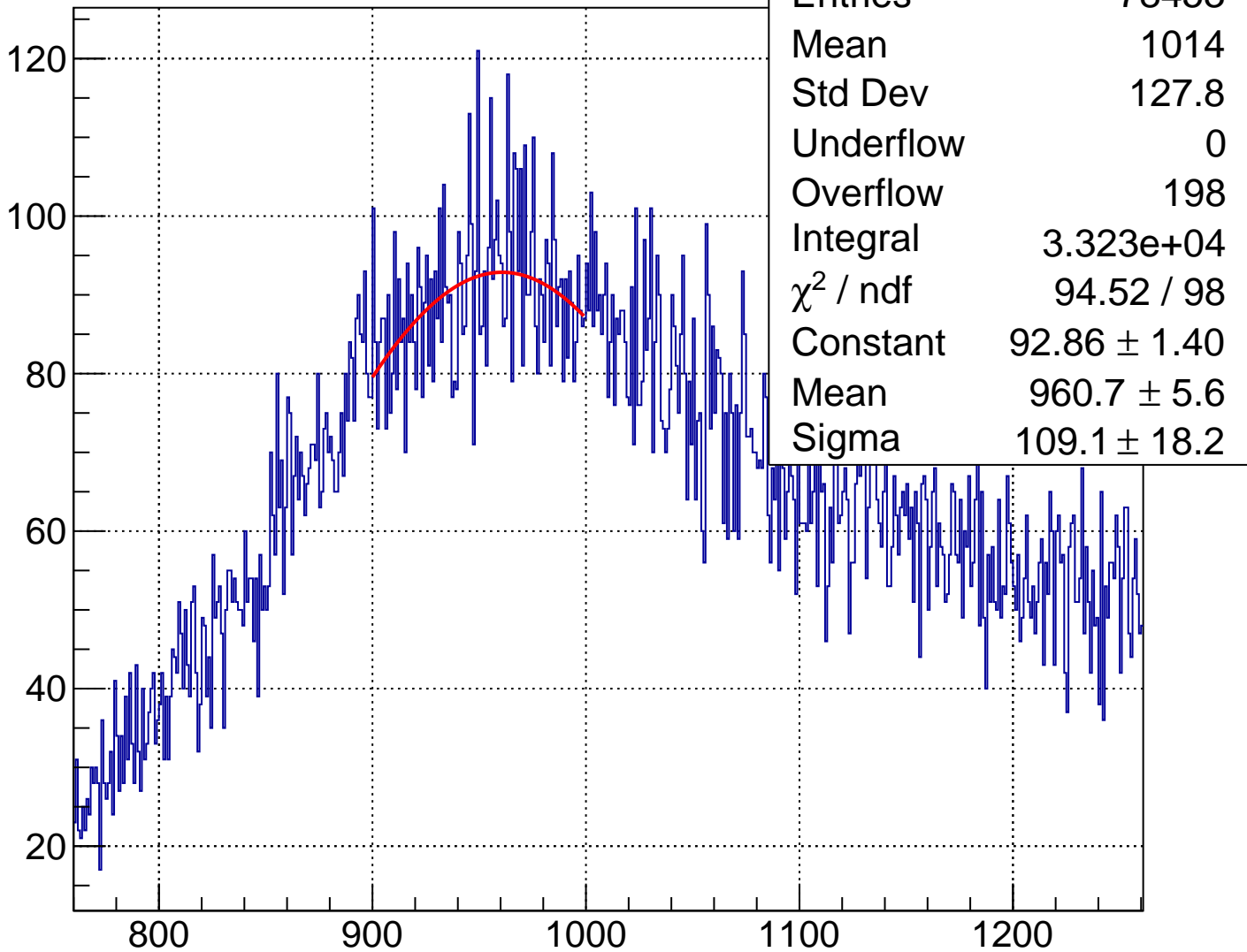
# TOFUMIP\_10



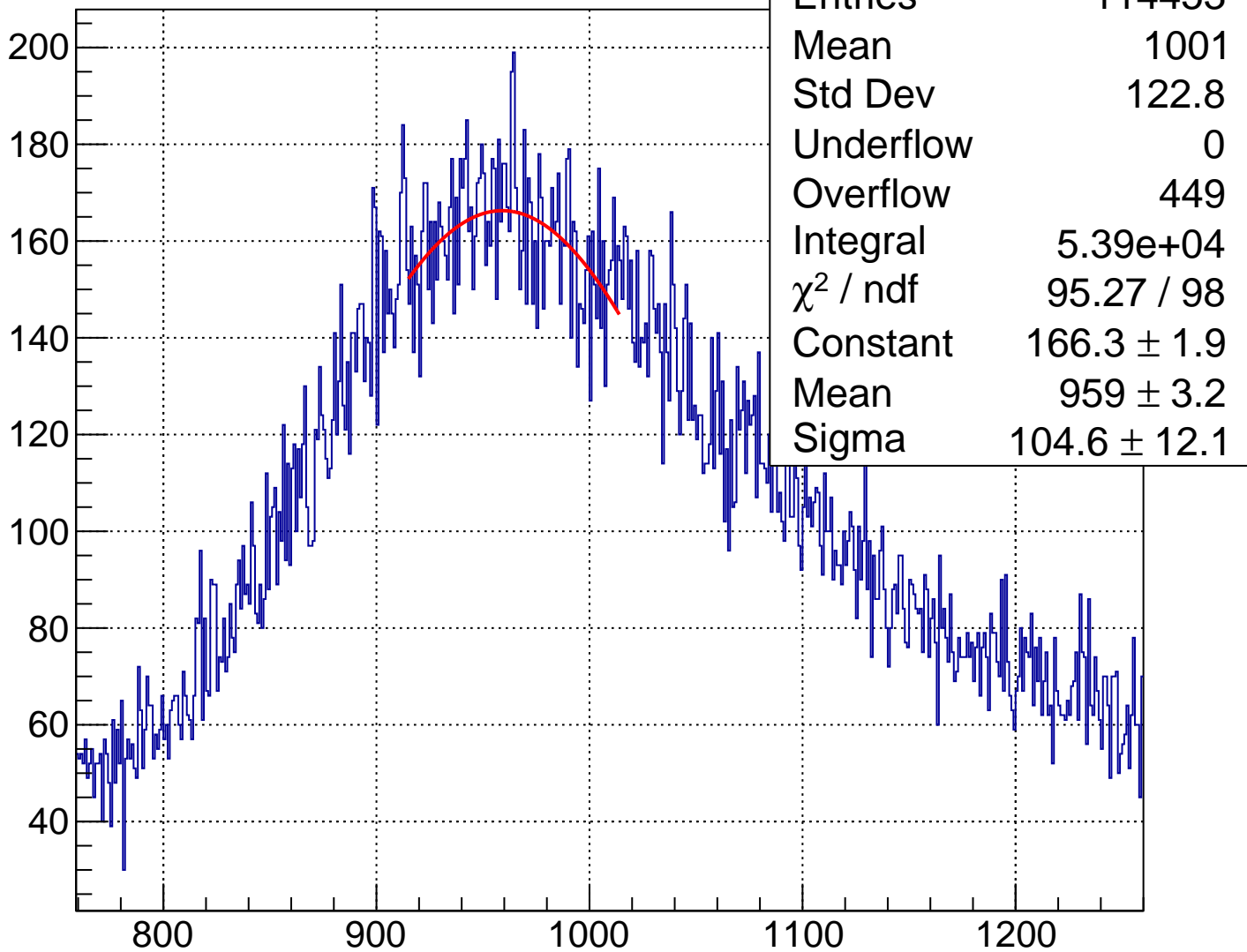
# TOFUMIP\_11



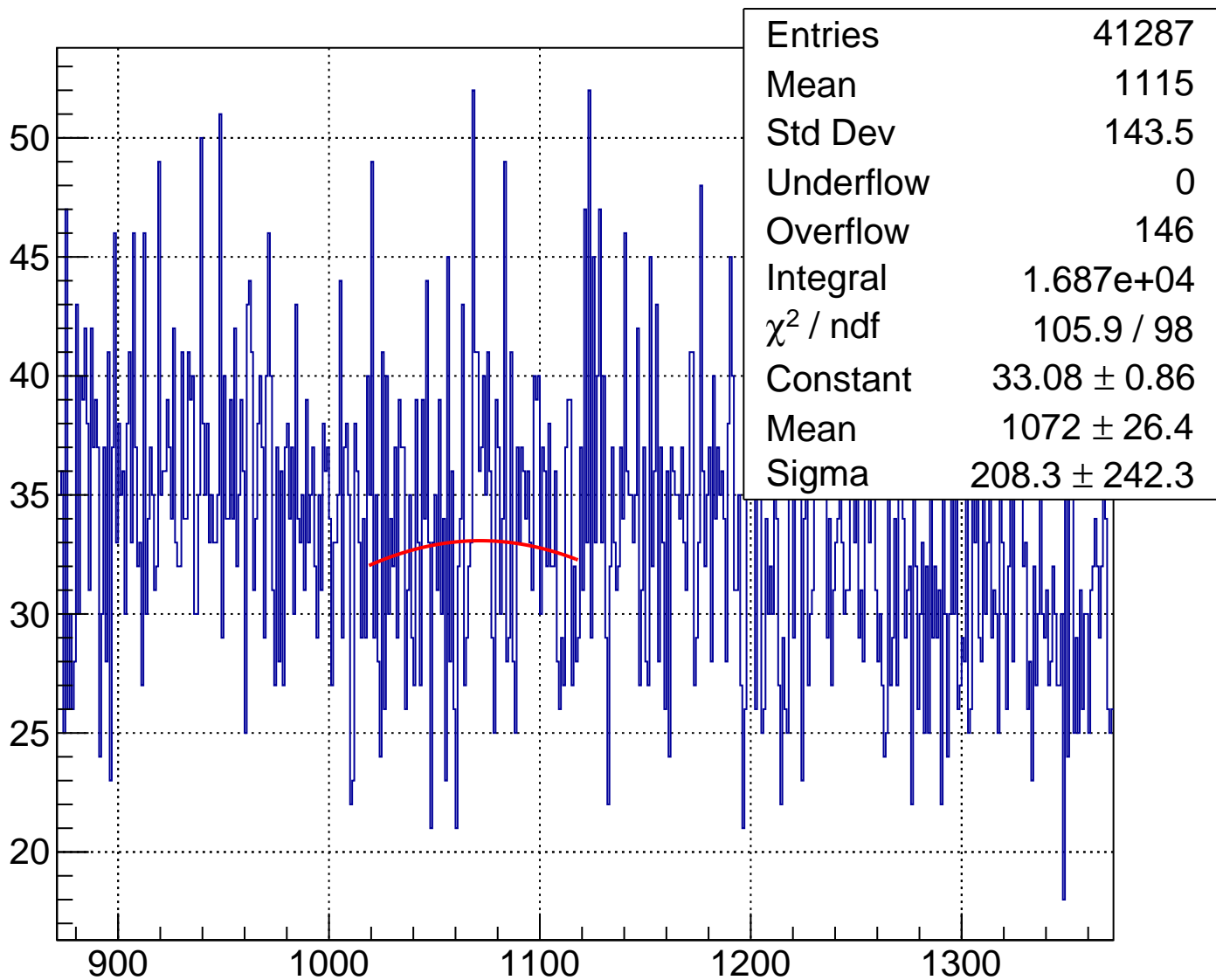
# TOFUMIP\_12



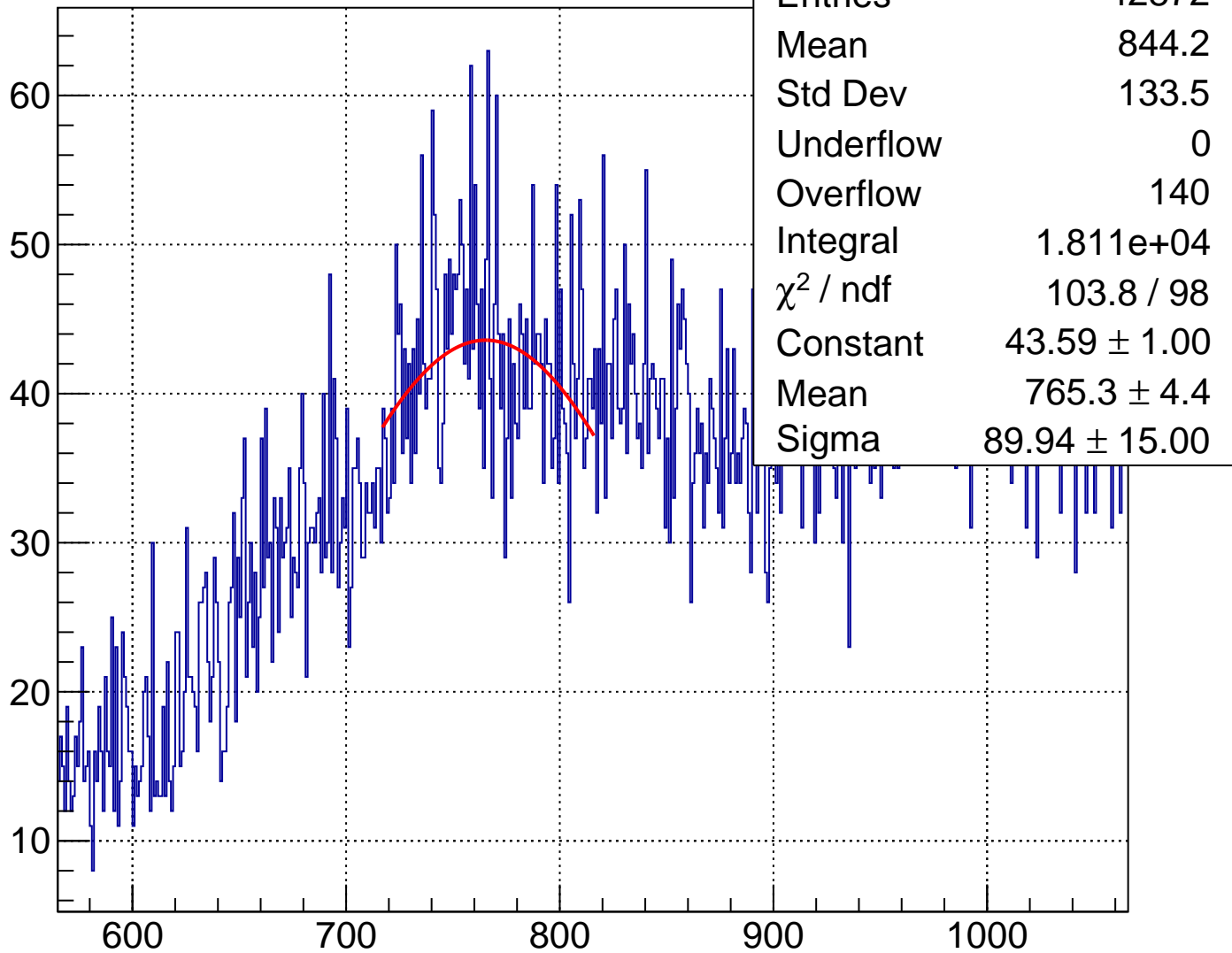
# TOFUMIP\_13



# TOFUMIP\_14

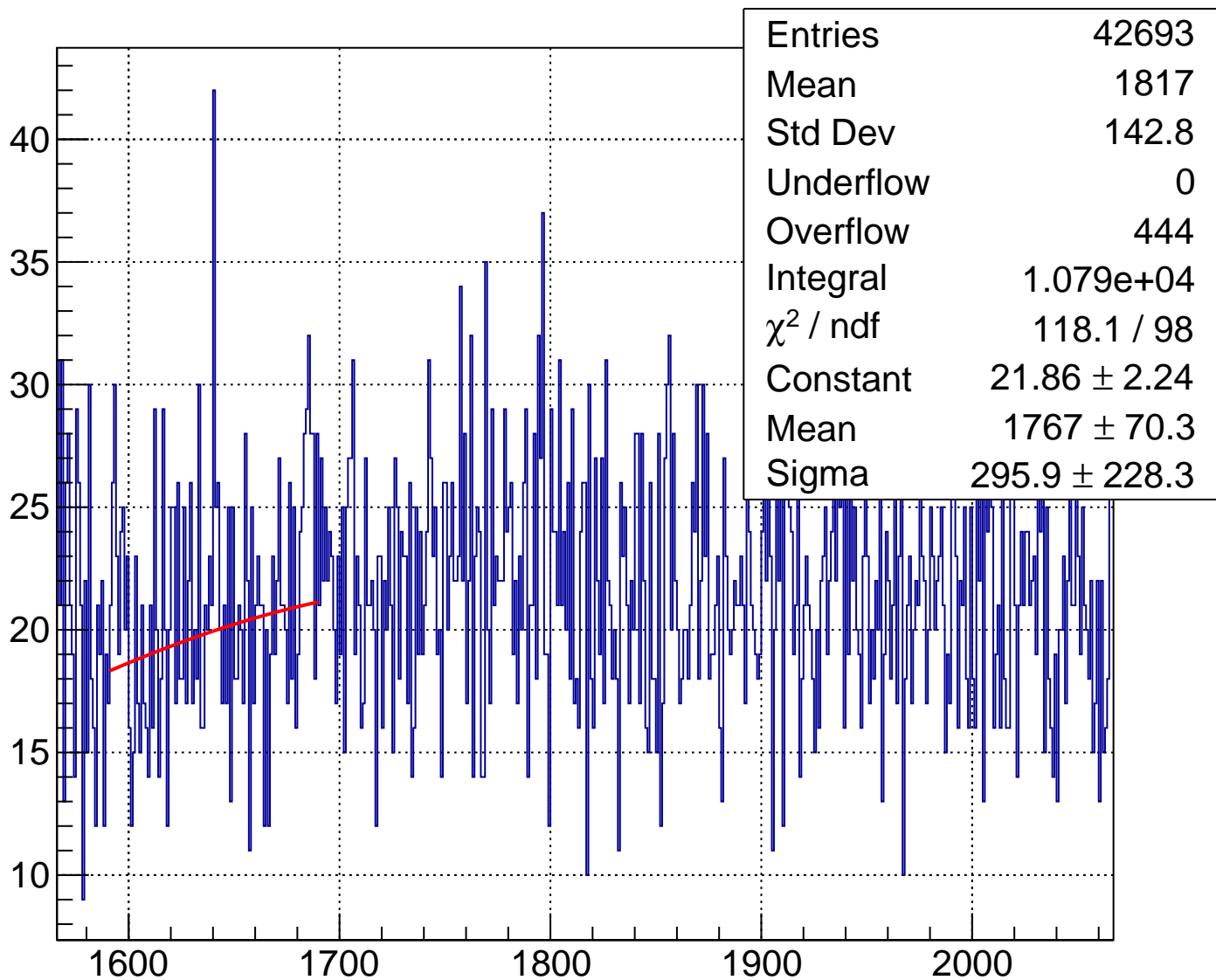


# TOFUMIP\_15

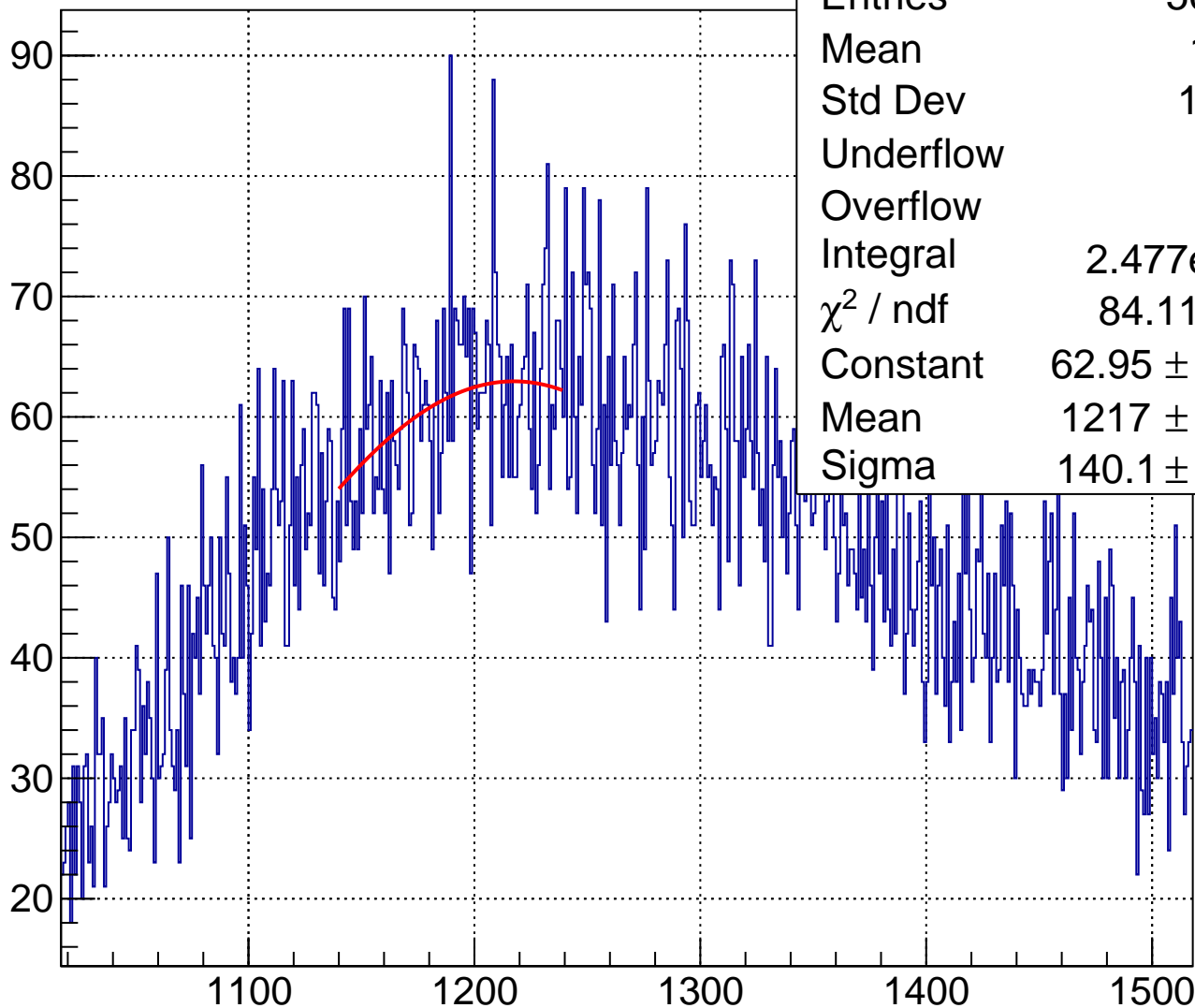




# TOFUMIP\_16

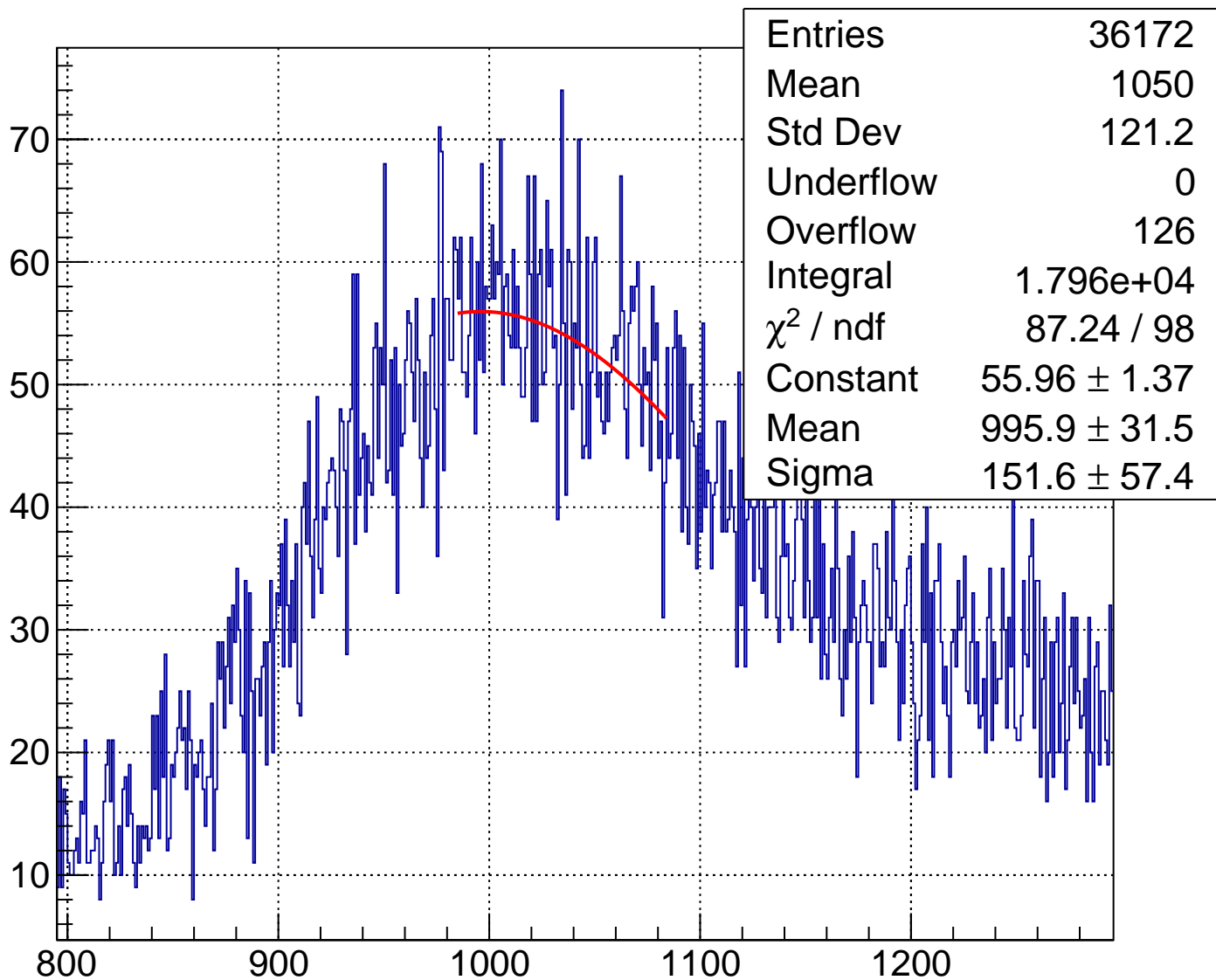


# TOFUMIP\_17

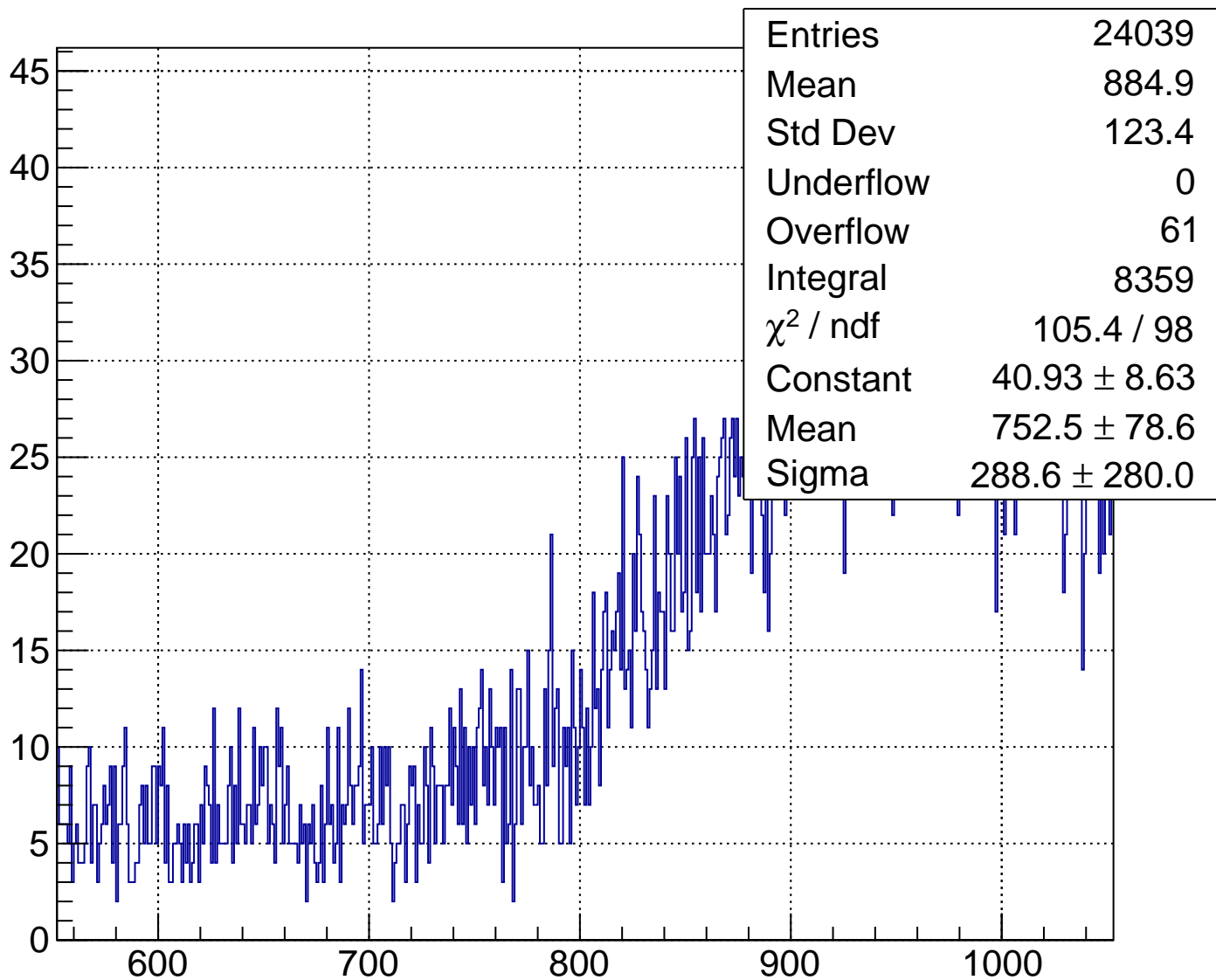


Entries	56540
Mean	1266
Std Dev	130.5
Underflow	0
Overflow	404
Integral	2.477e+04
$\chi^2$ / ndf	84.11 / 98
Constant	62.95 $\pm$ 1.10
Mean	1217 $\pm$ 20.4
Sigma	140.1 $\pm$ 46.2

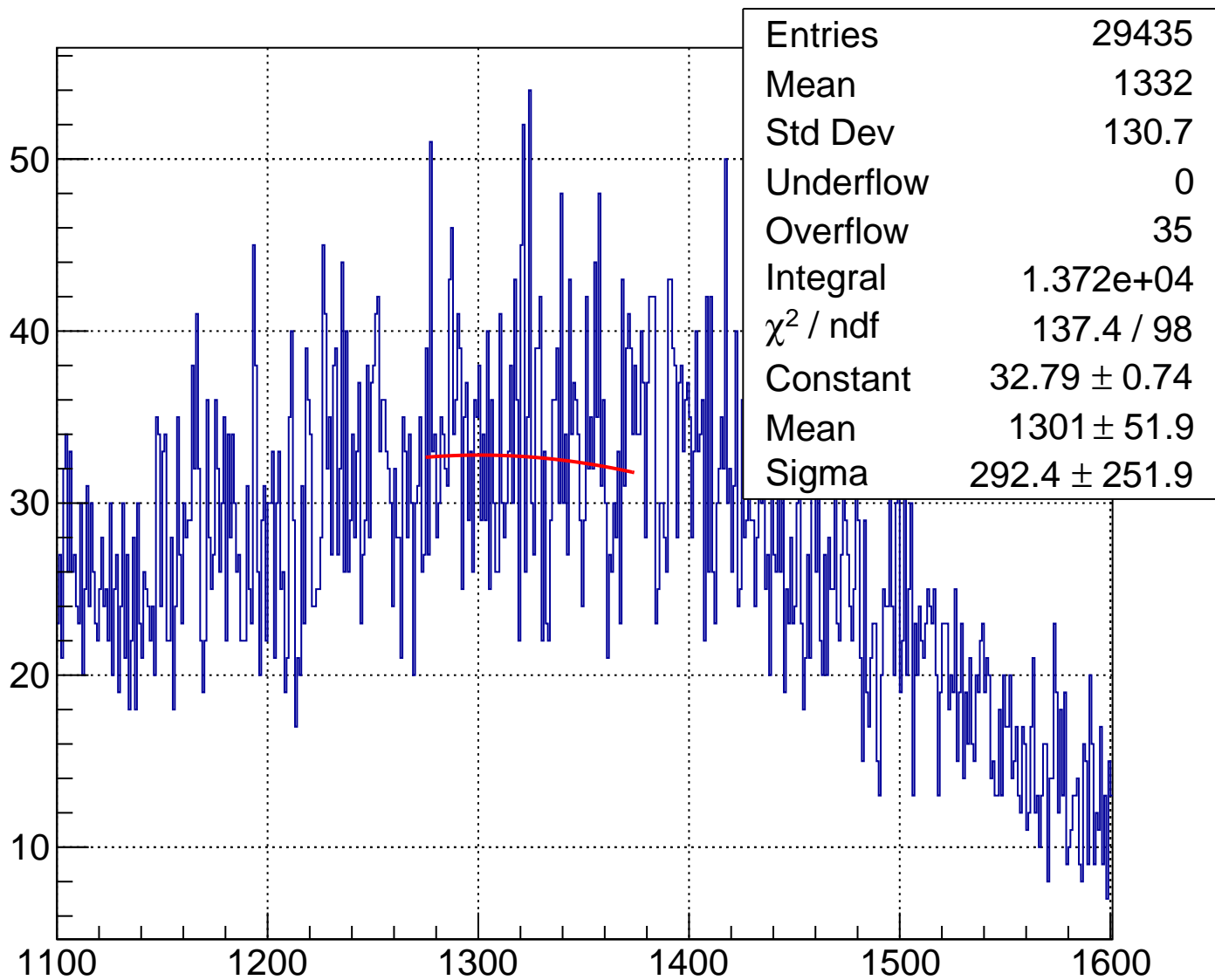
# TOFUMIP\_18



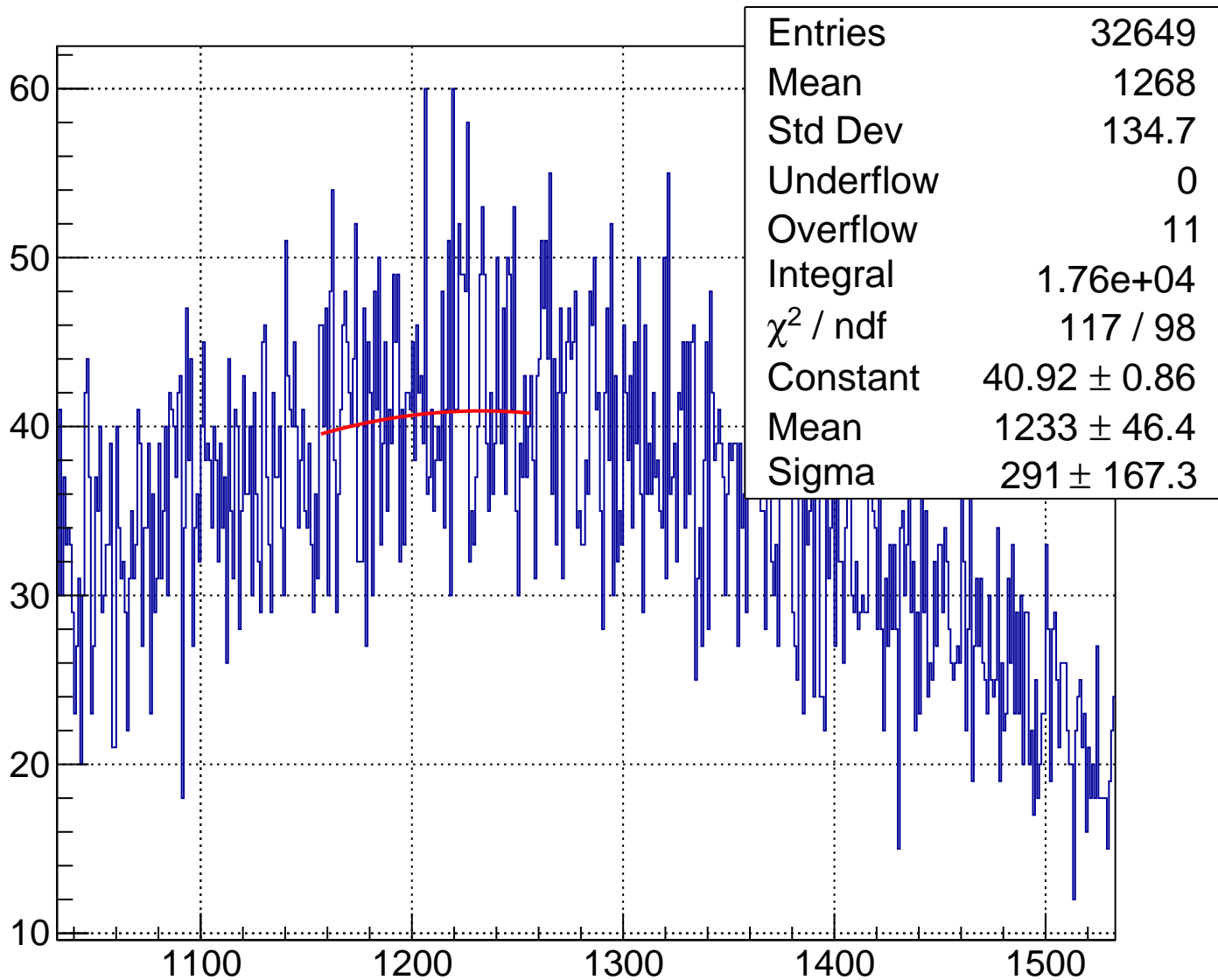
# TOFUMIP\_19



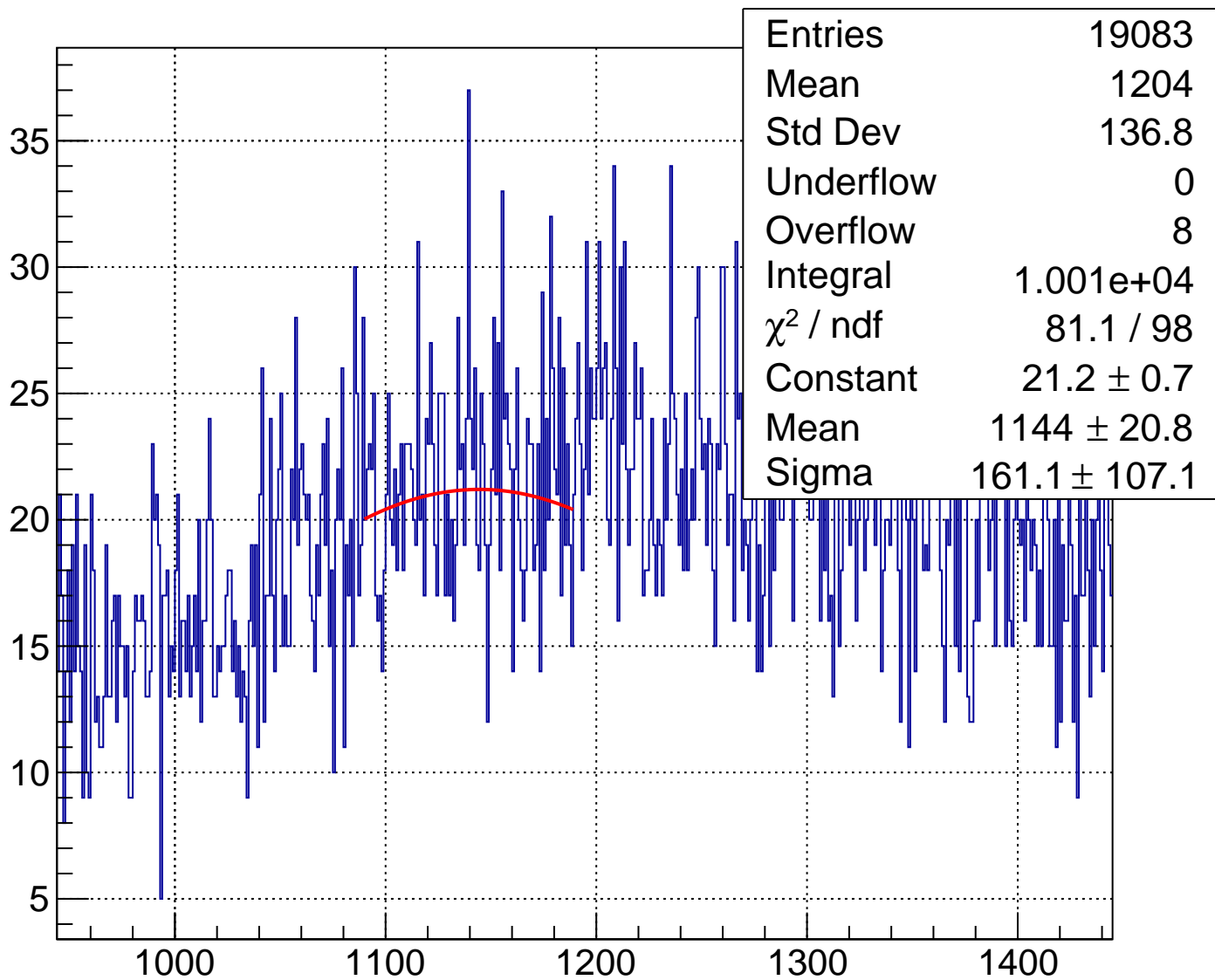
# TOFUMIP\_20



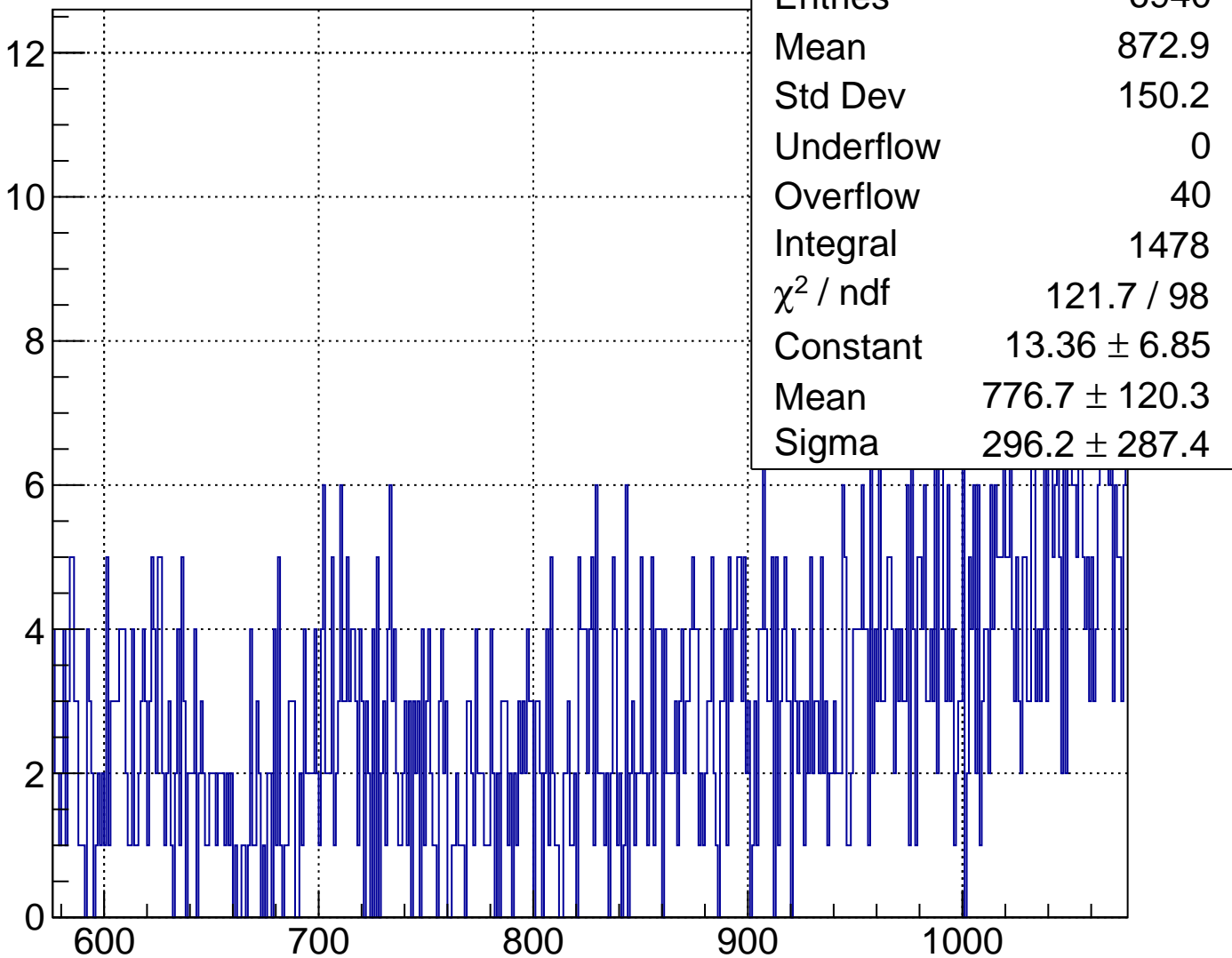
# TOFUMIP\_21



# TOFUMIP\_22

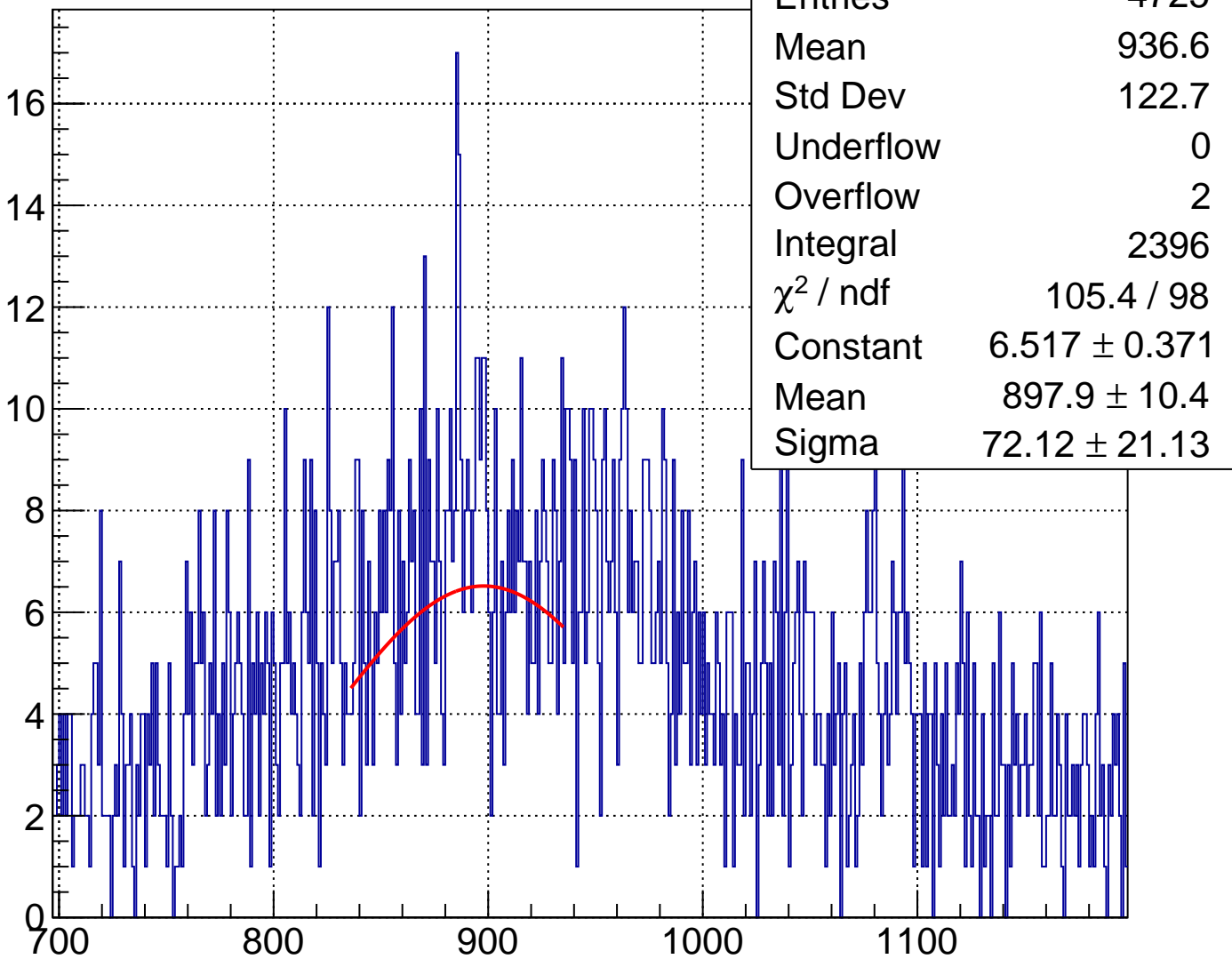


# TOFUMIP\_23

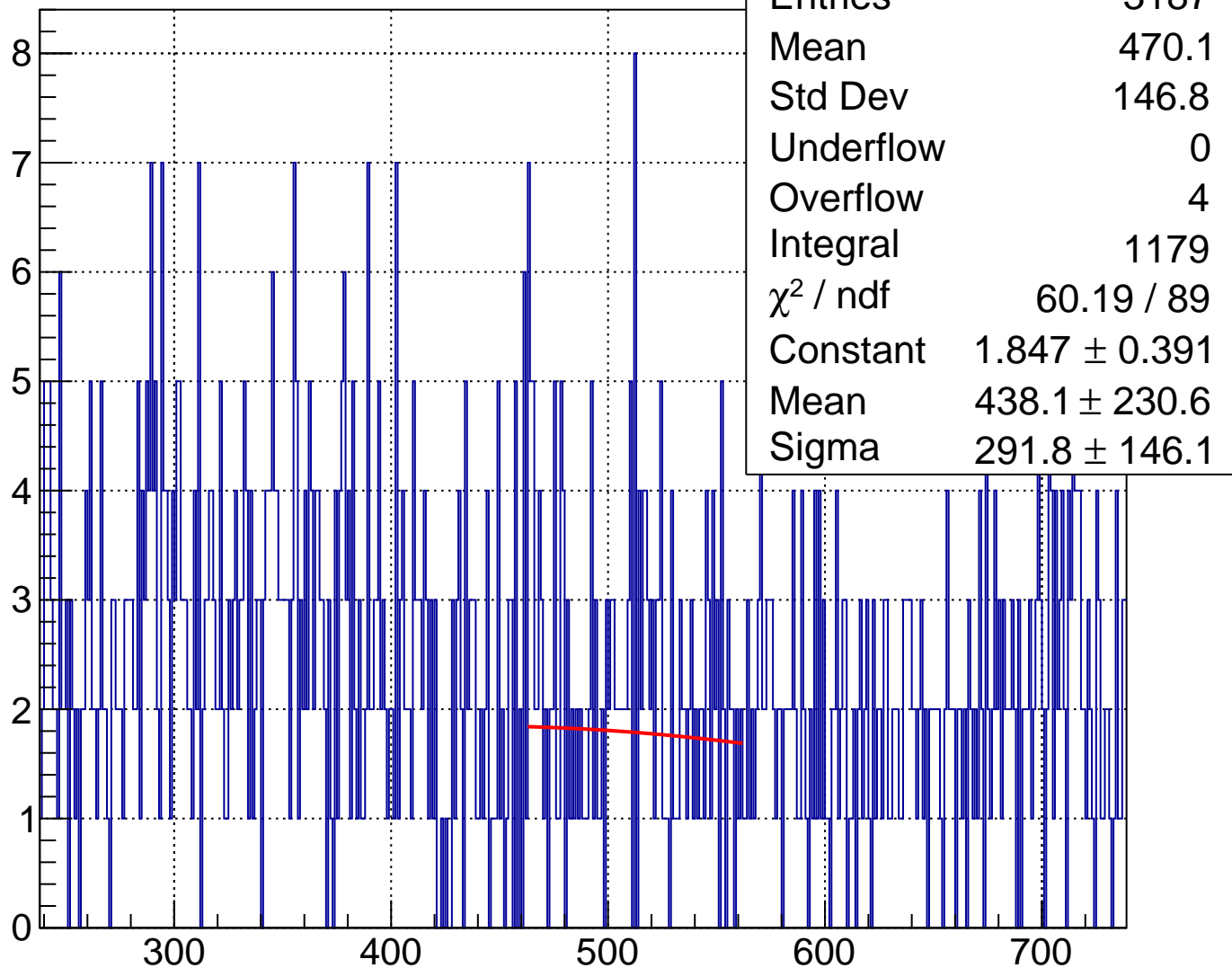




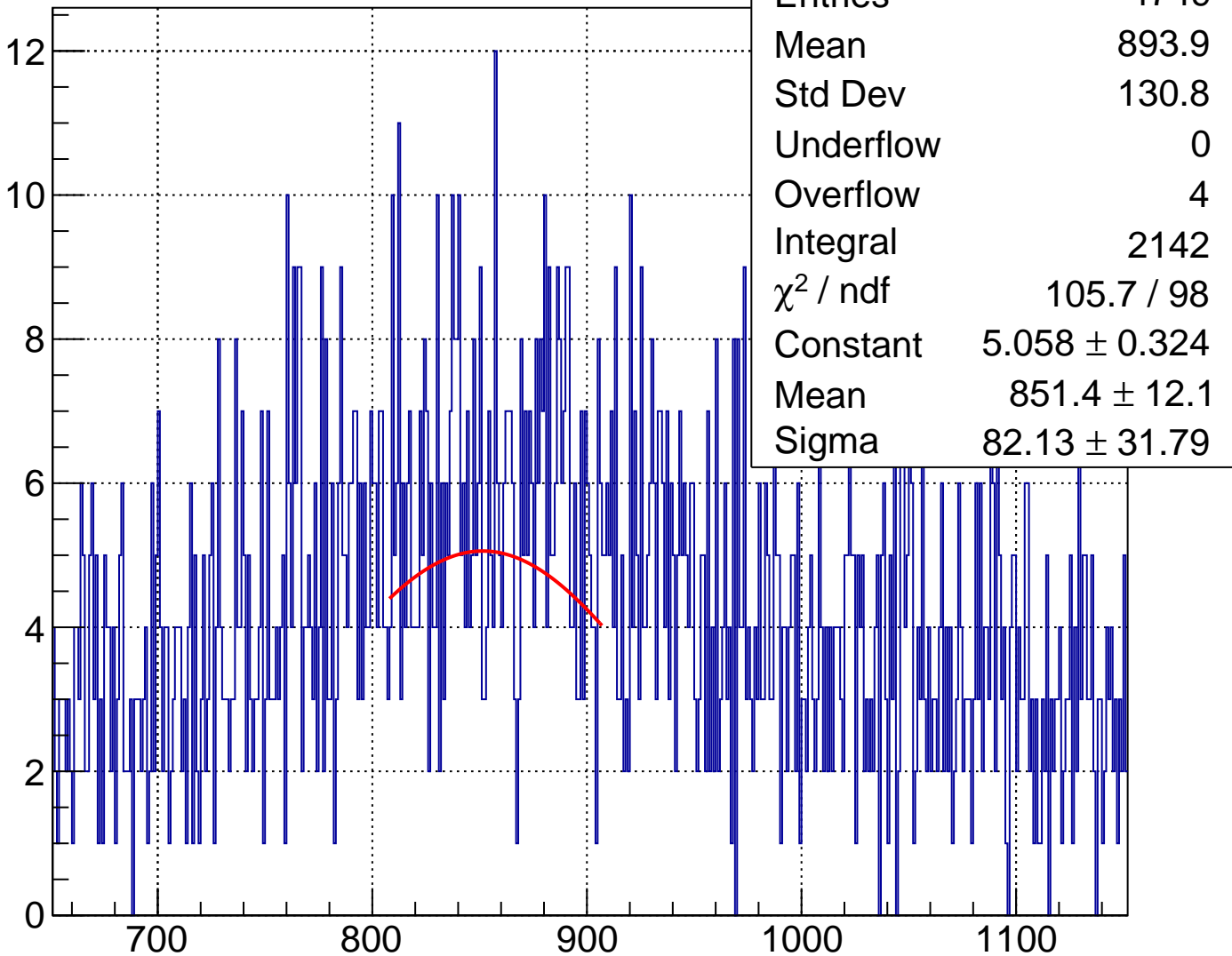
# TOFUMIP\_24



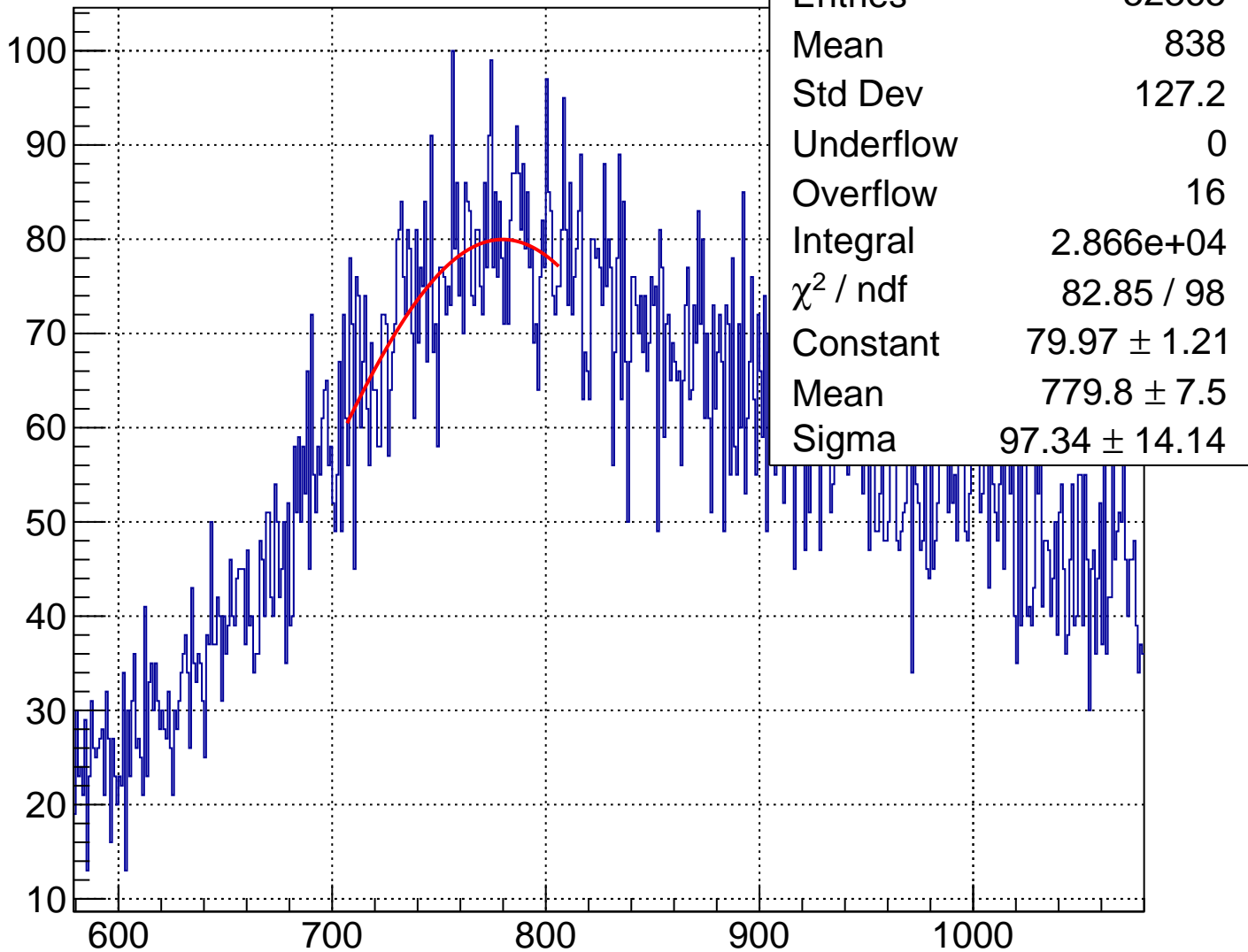
# TOFDMIP\_1



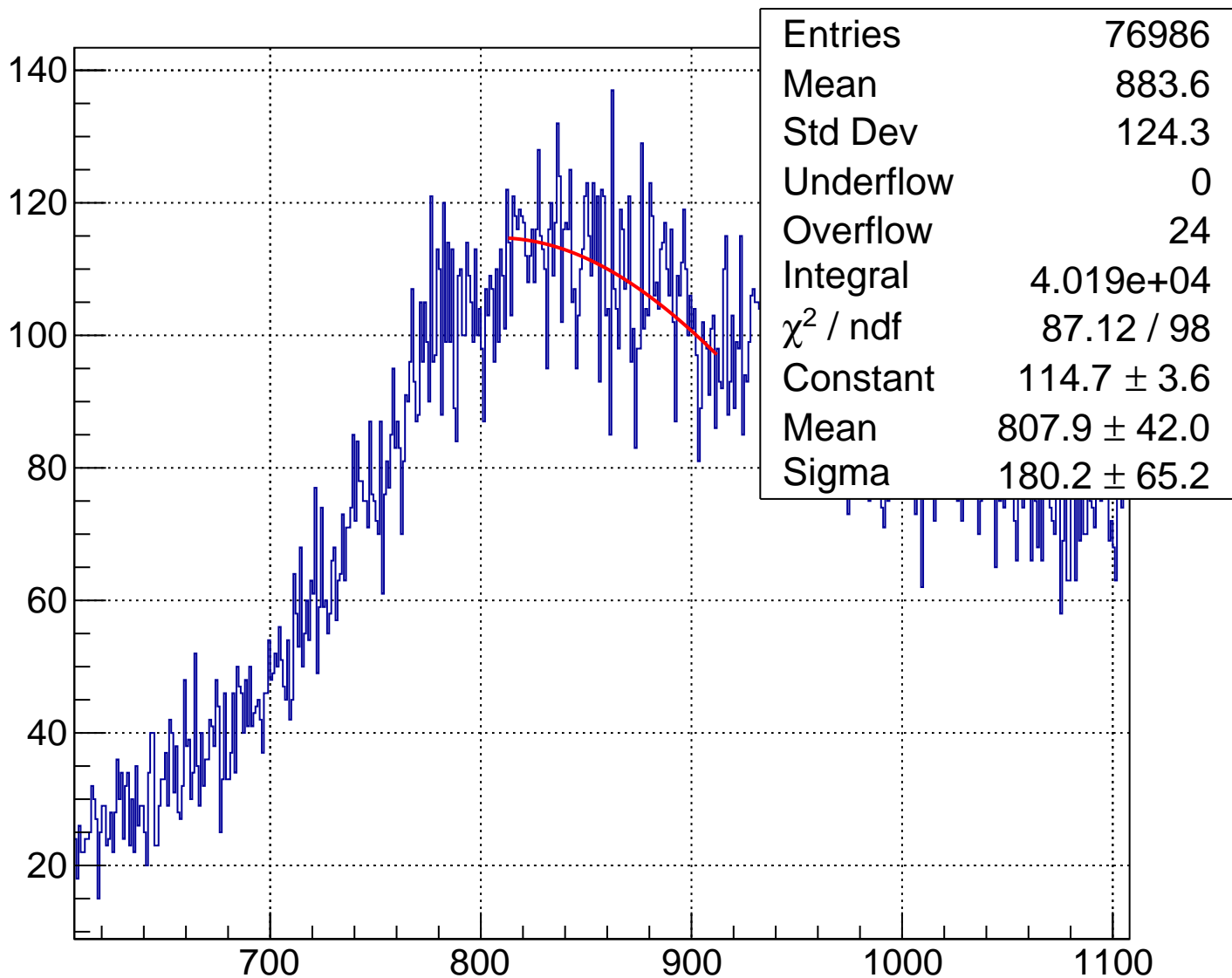
# TOFDMIP\_2



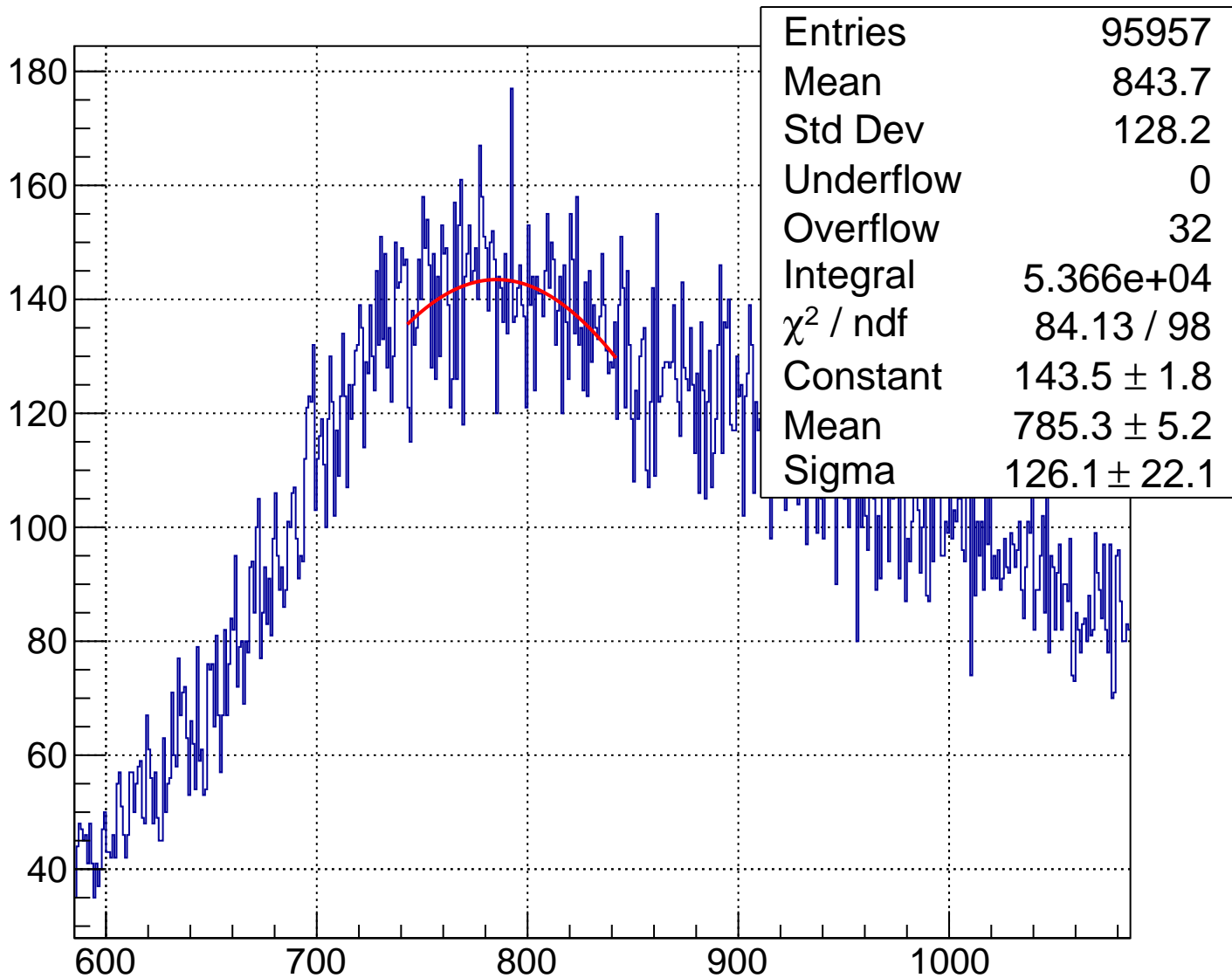
# TOFDMIP\_3



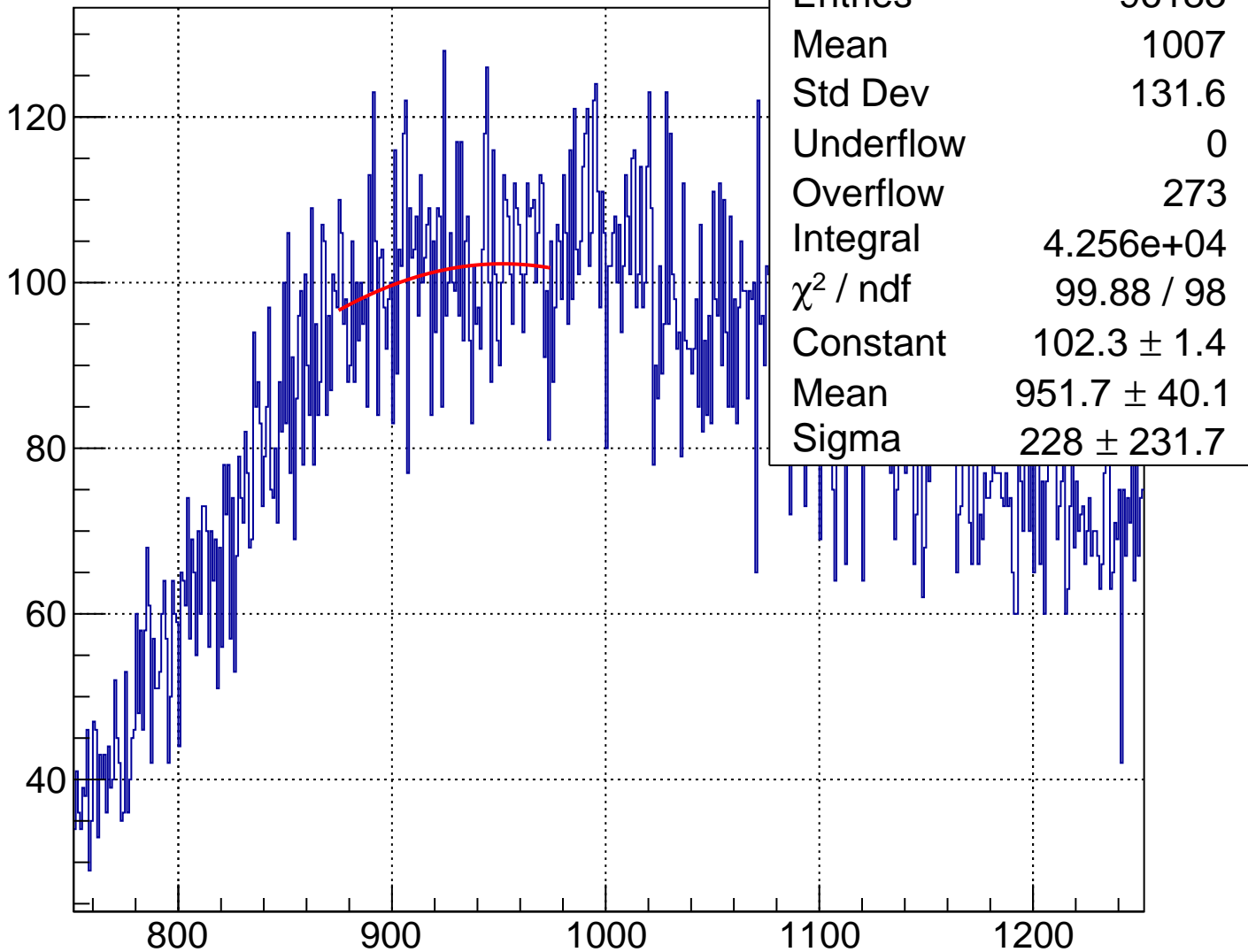
# TOFDMIP\_4



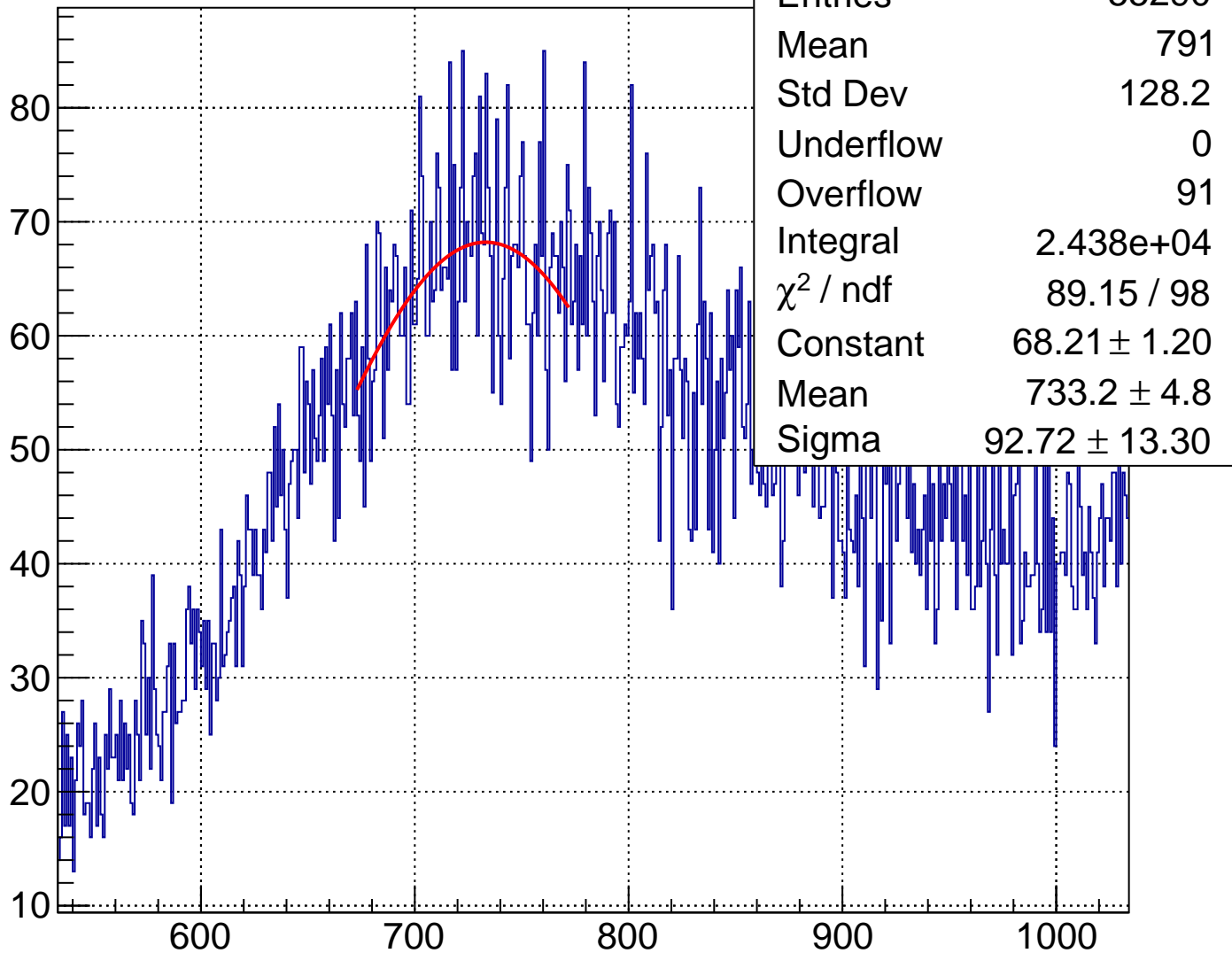
# TOFDMIP\_5



# TOFDMIP\_6

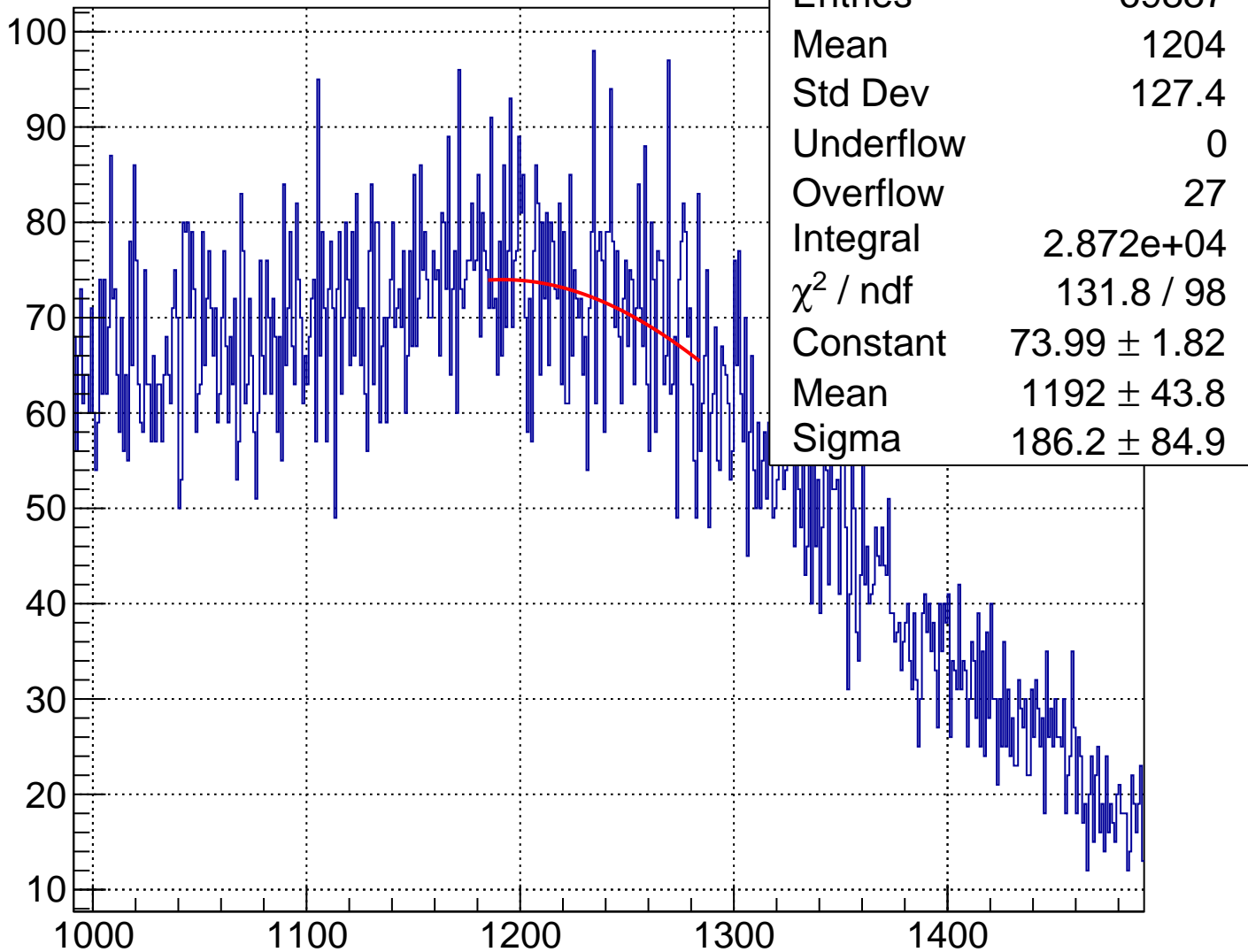


# TOFDMIP\_7

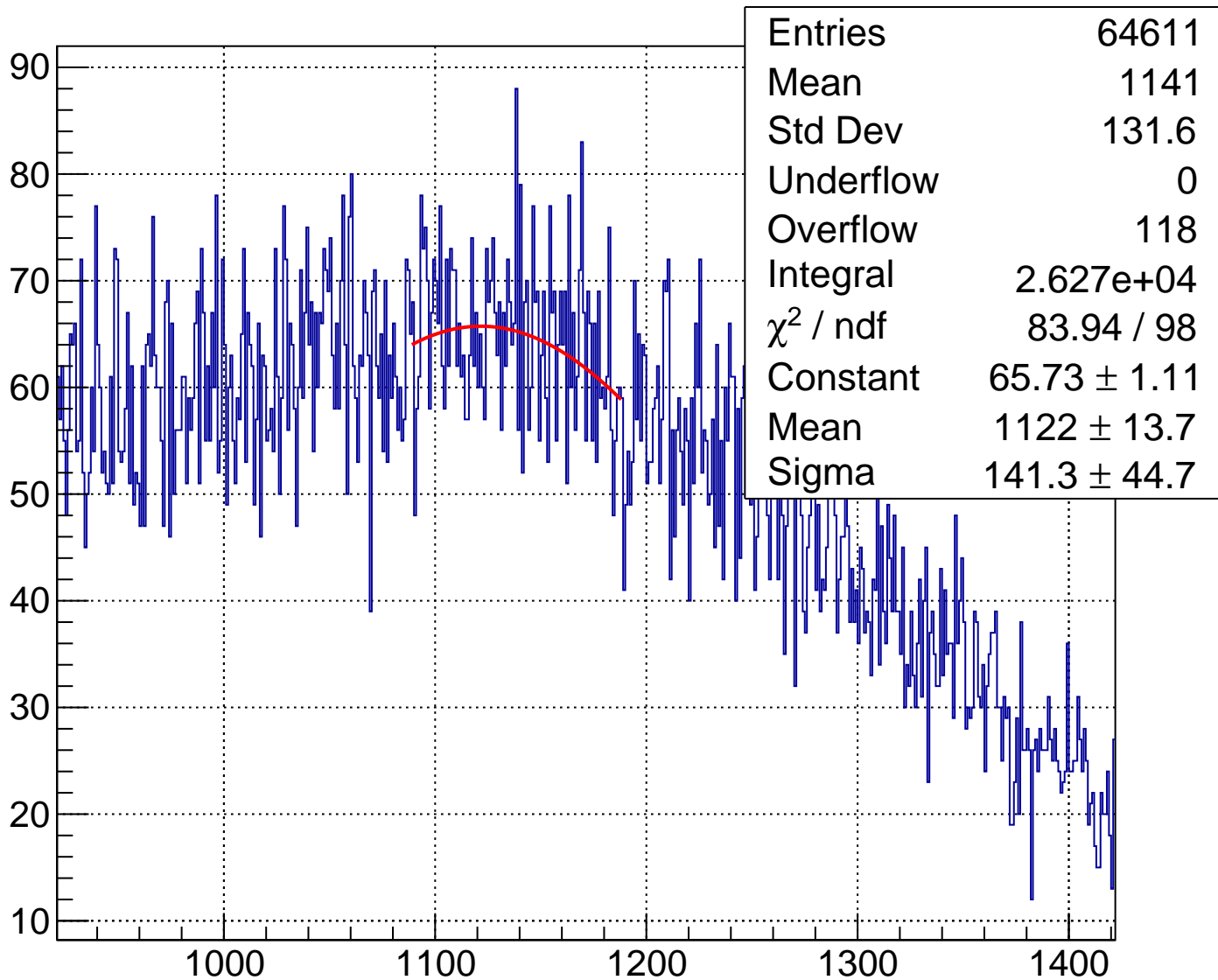




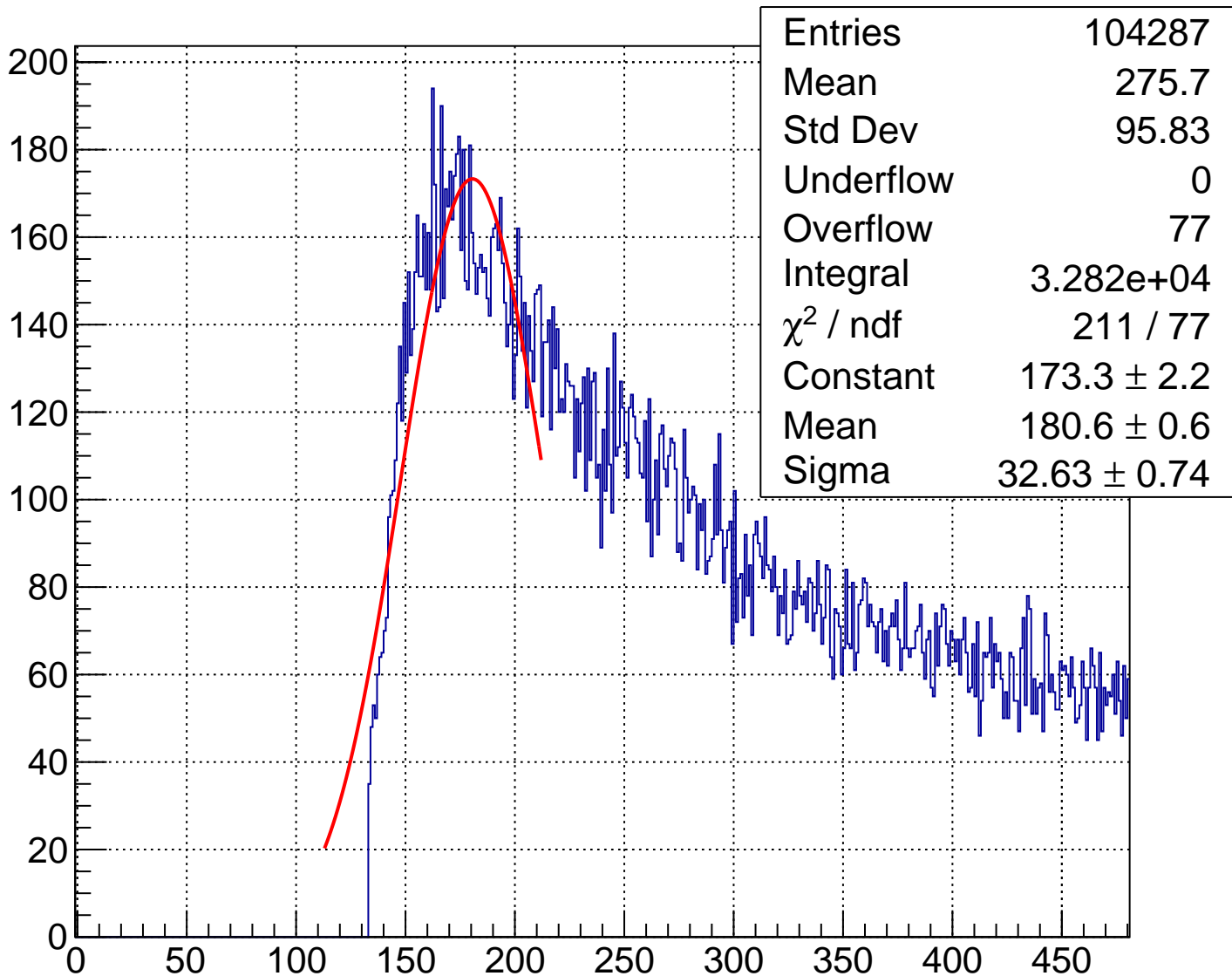
# TOFDMIP\_8



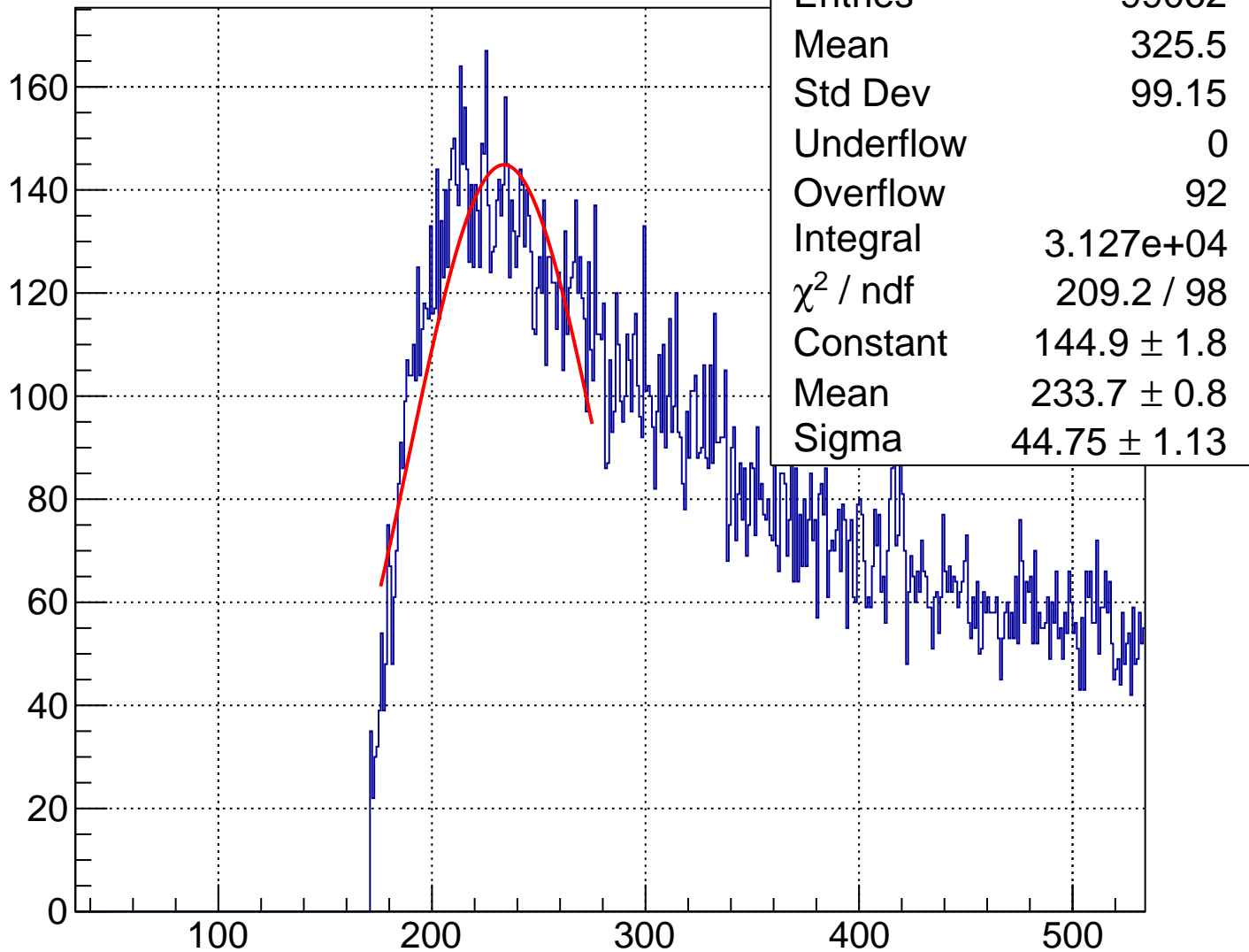
# TOFDMIP\_9



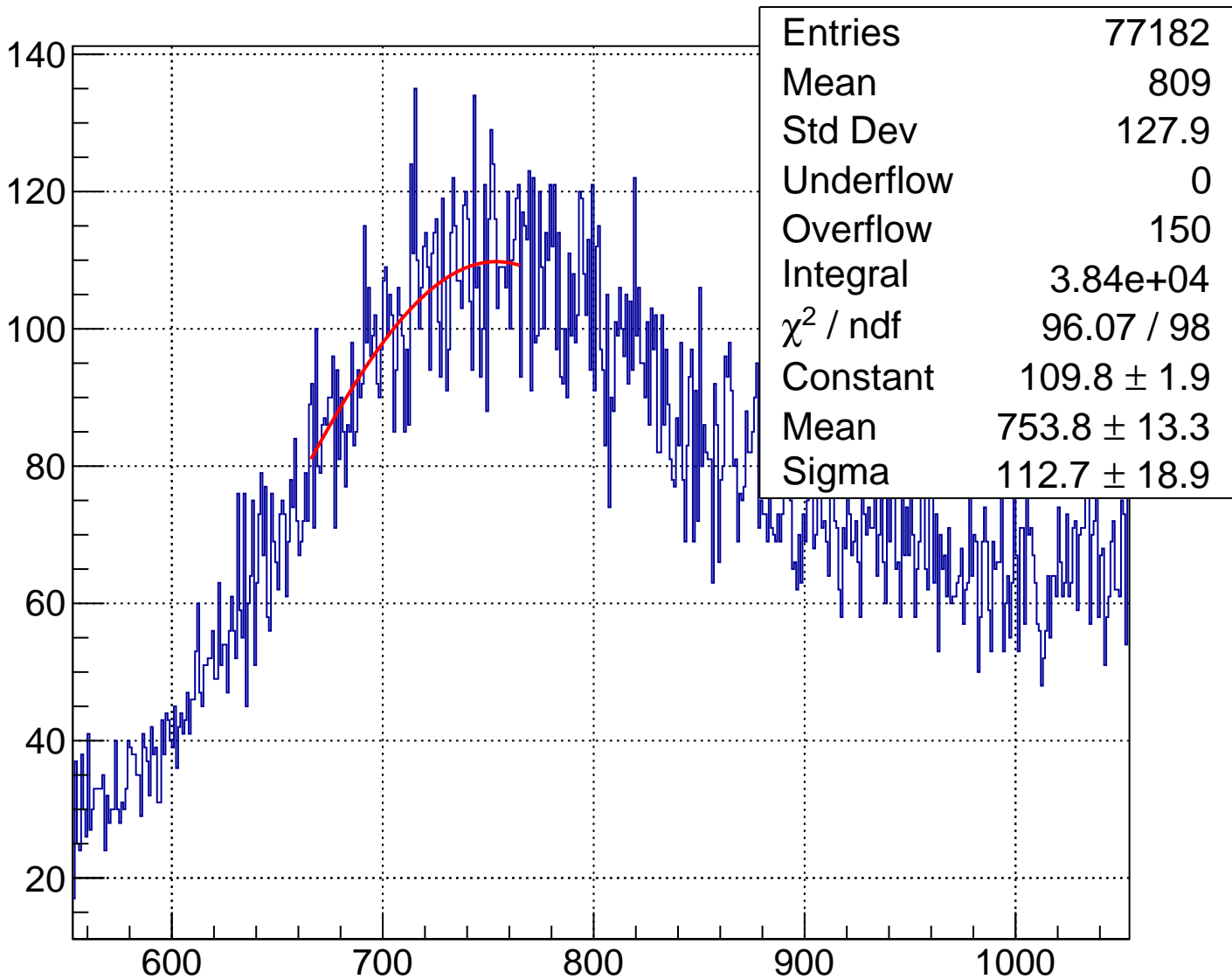
# TOFDMIP\_10



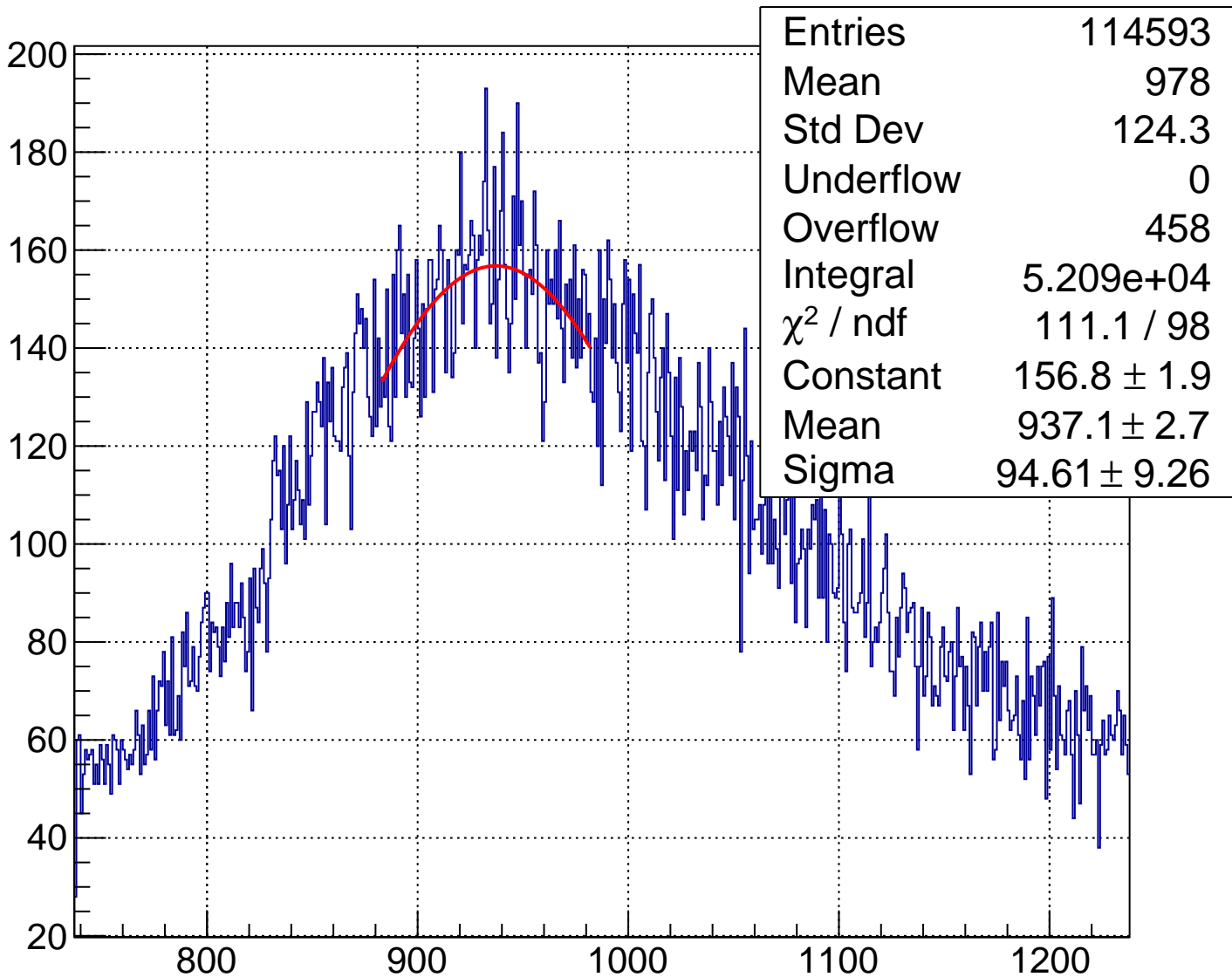
# TOFDMIP\_11



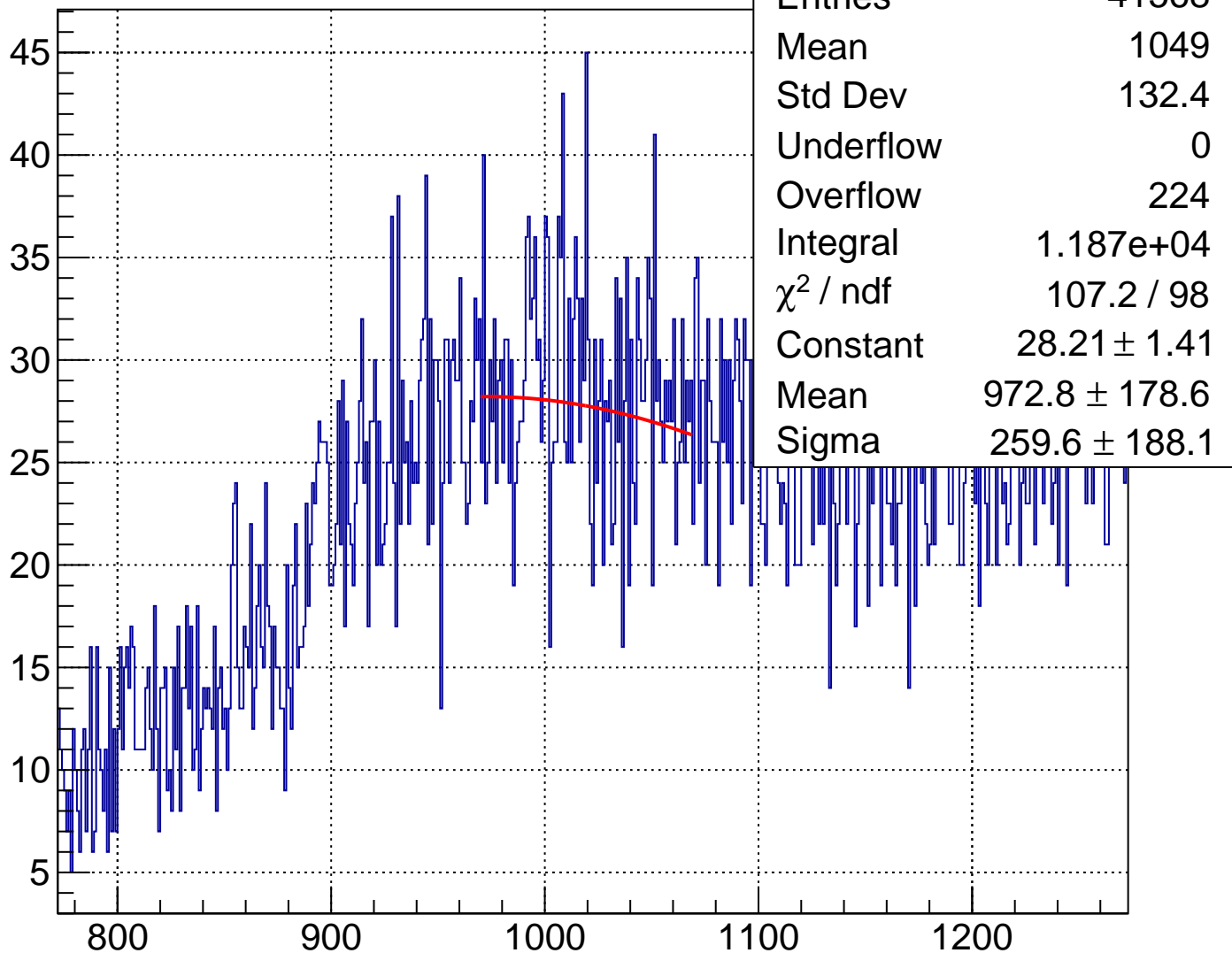
# TOFDMIP\_12



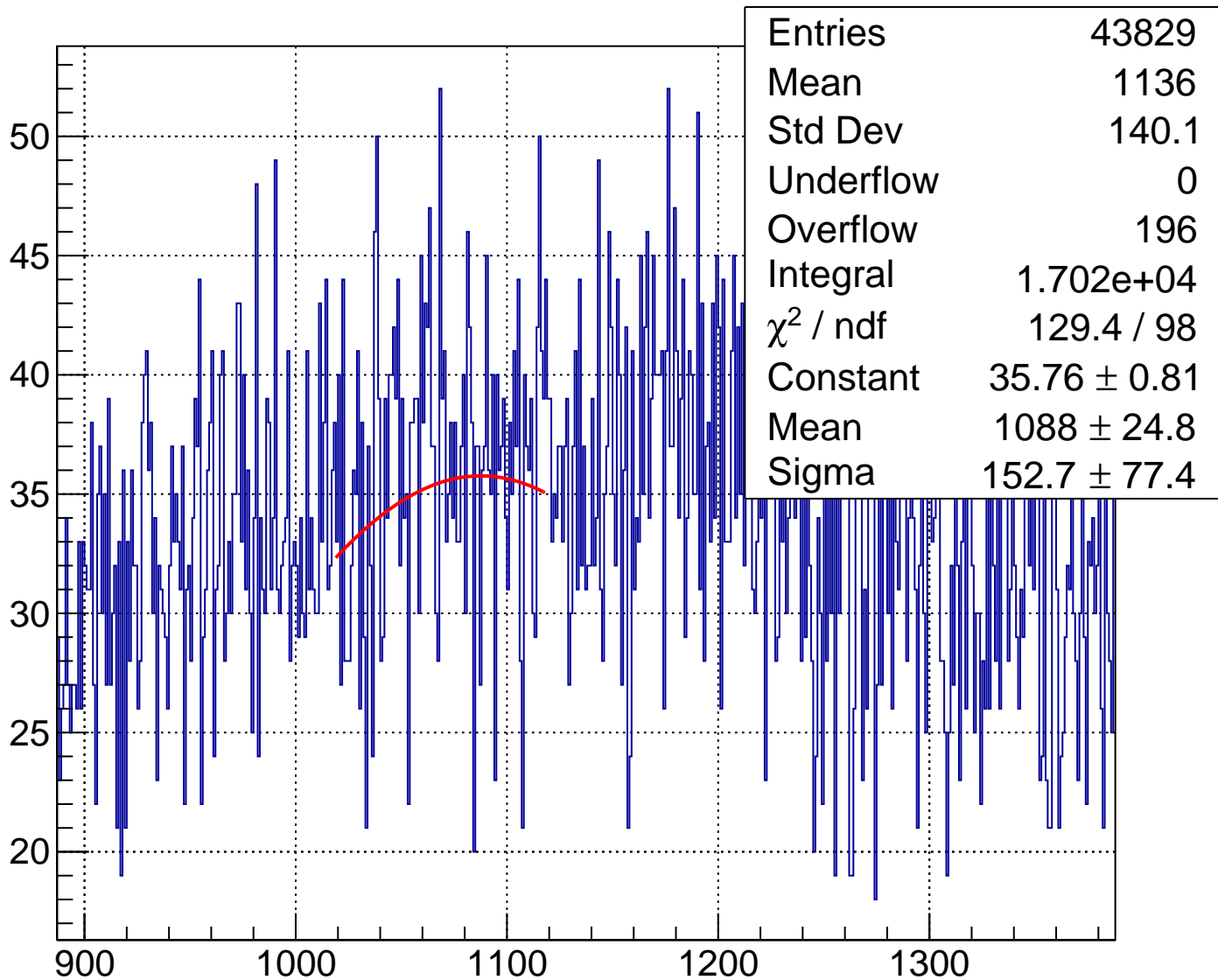
# TOFDMIP\_13



# TOFDMIP\_14

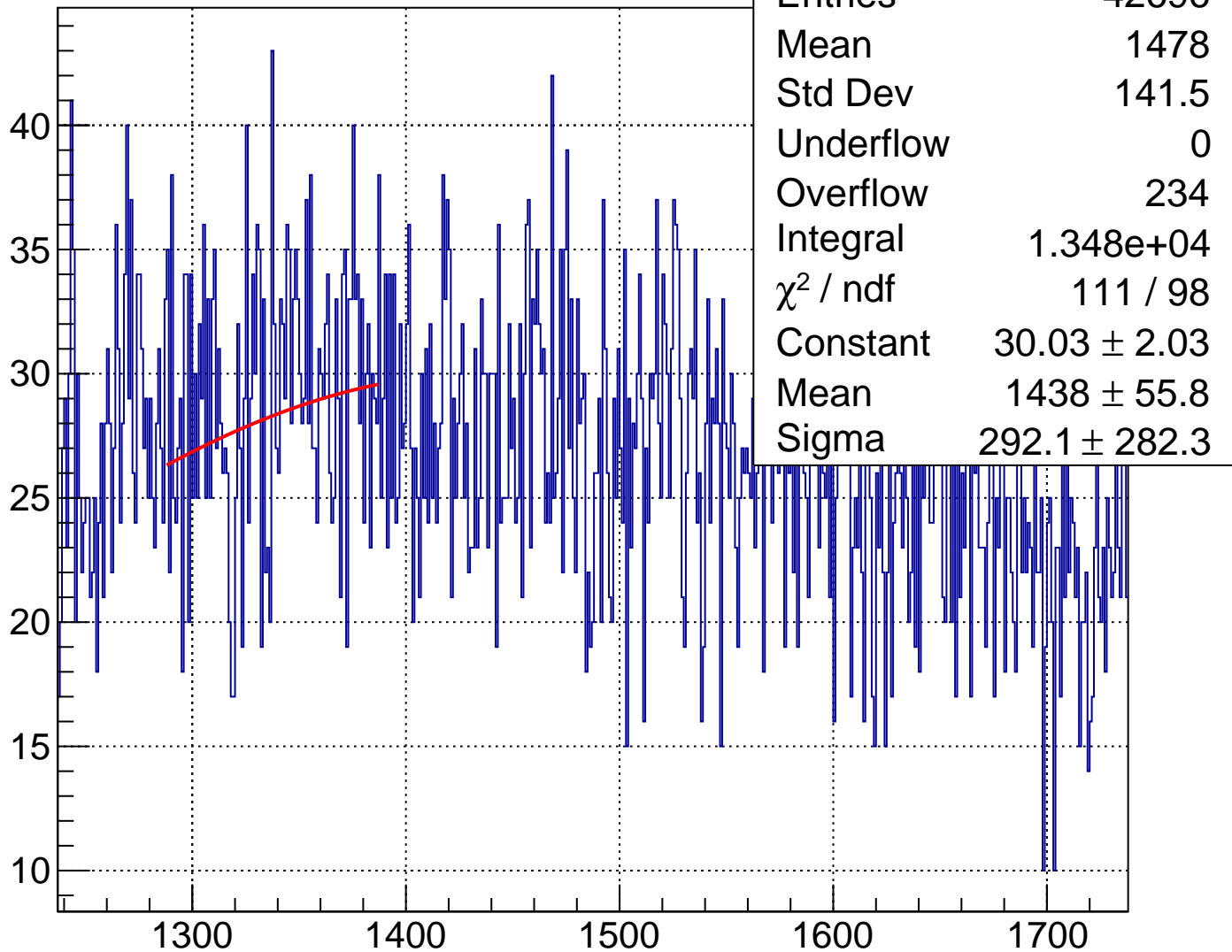


# TOFDMIP\_15

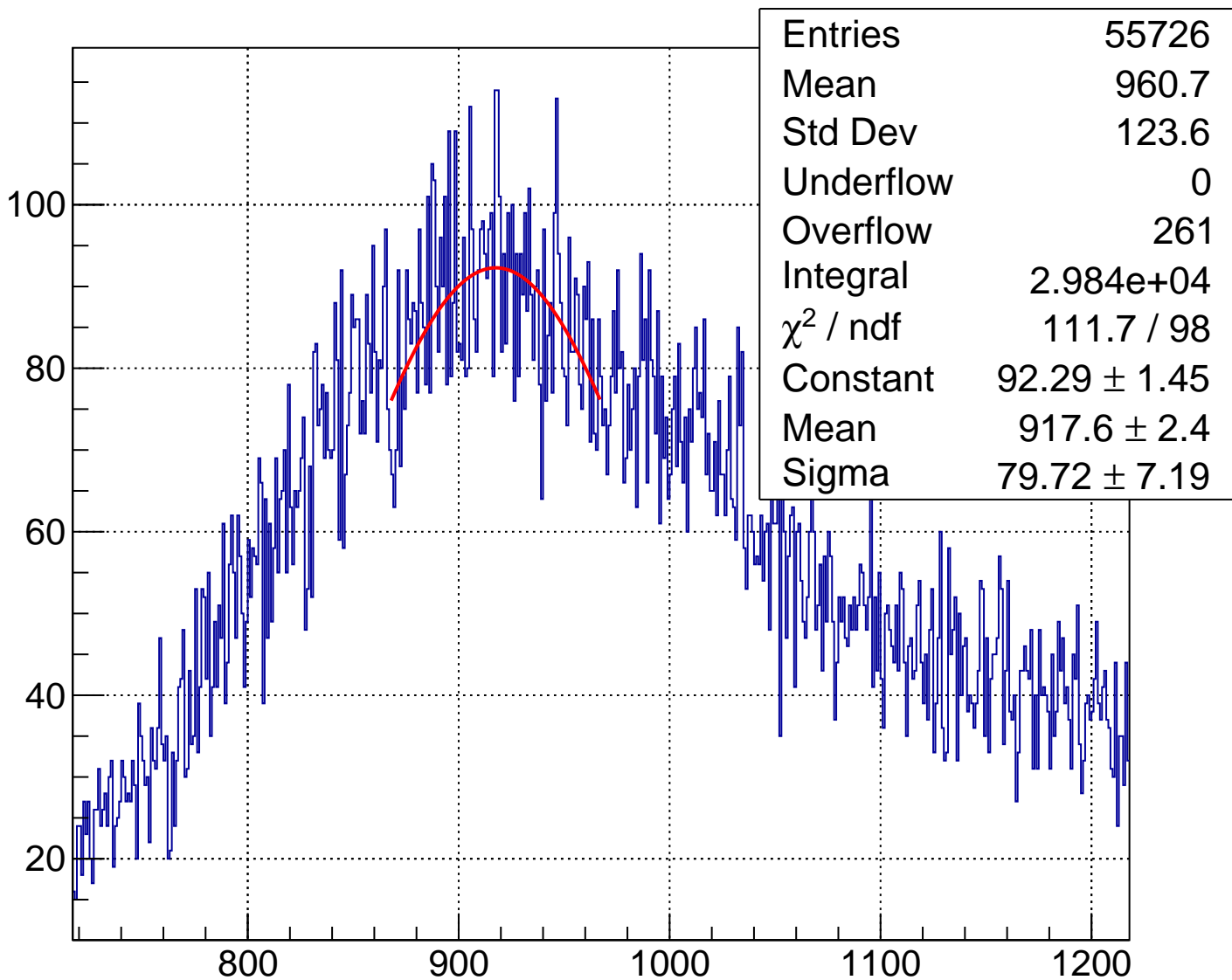




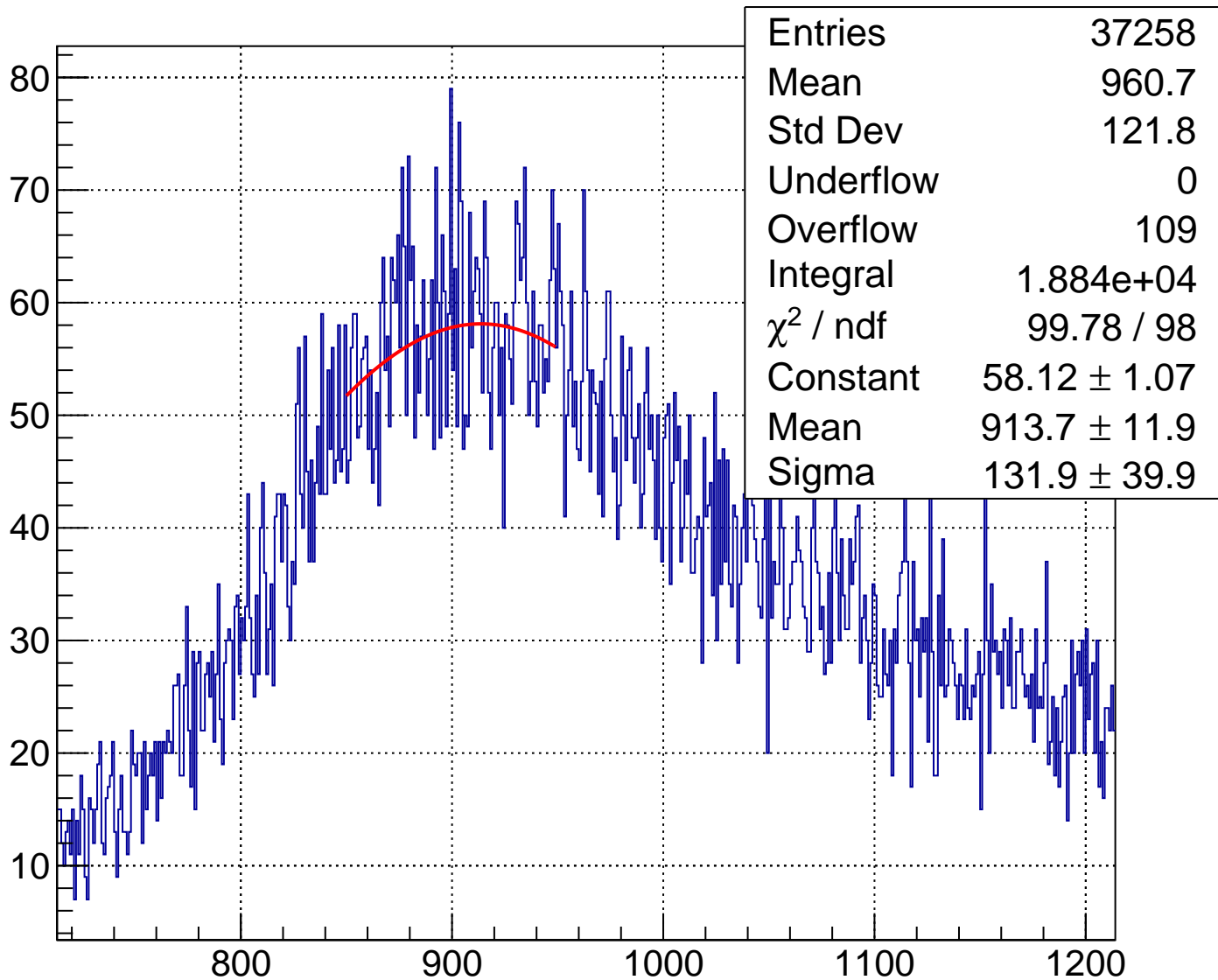
# TOFDMIP\_16



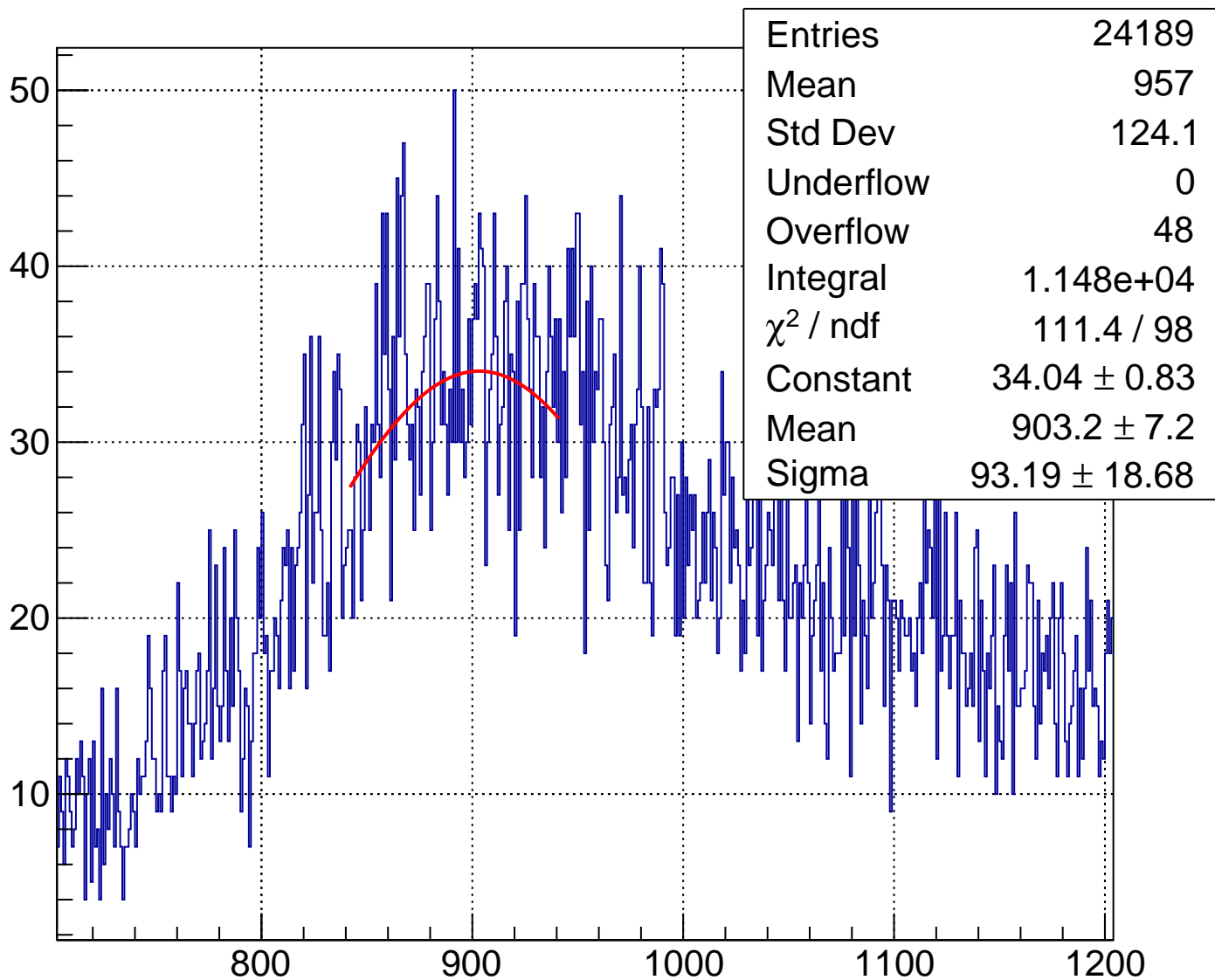
# TOFDMIP\_17



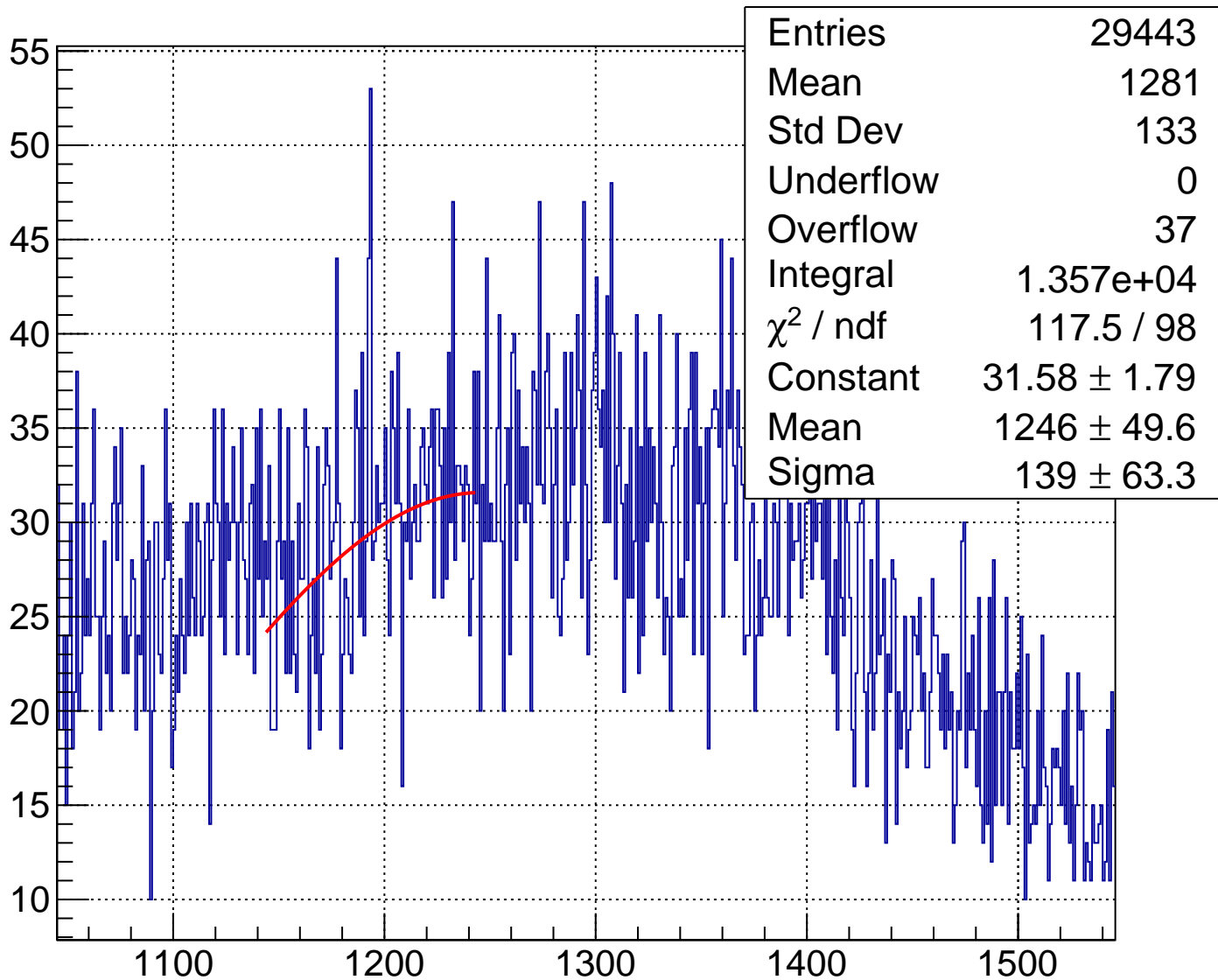
# TOFDMIP\_18



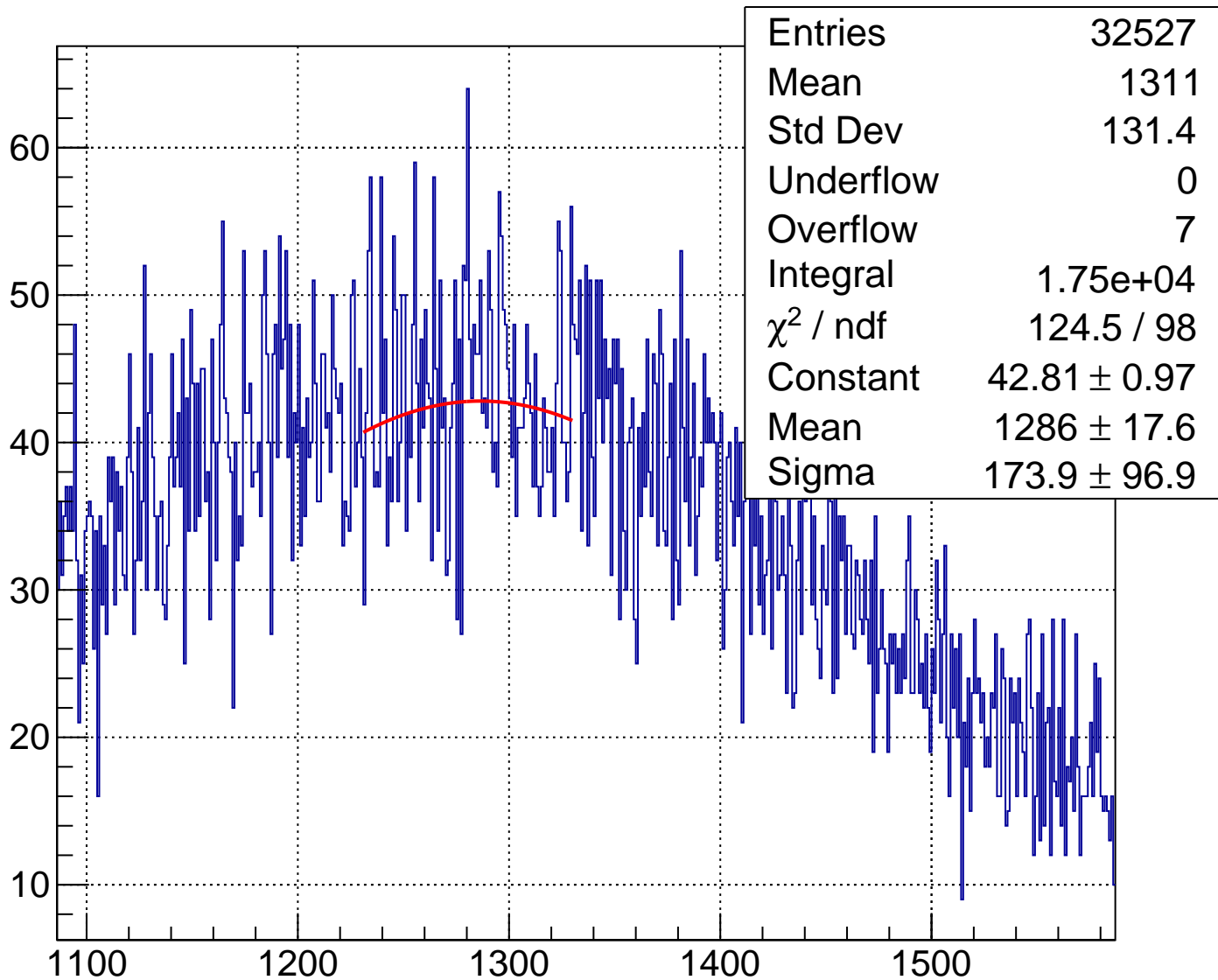
# TOFDMIP\_19



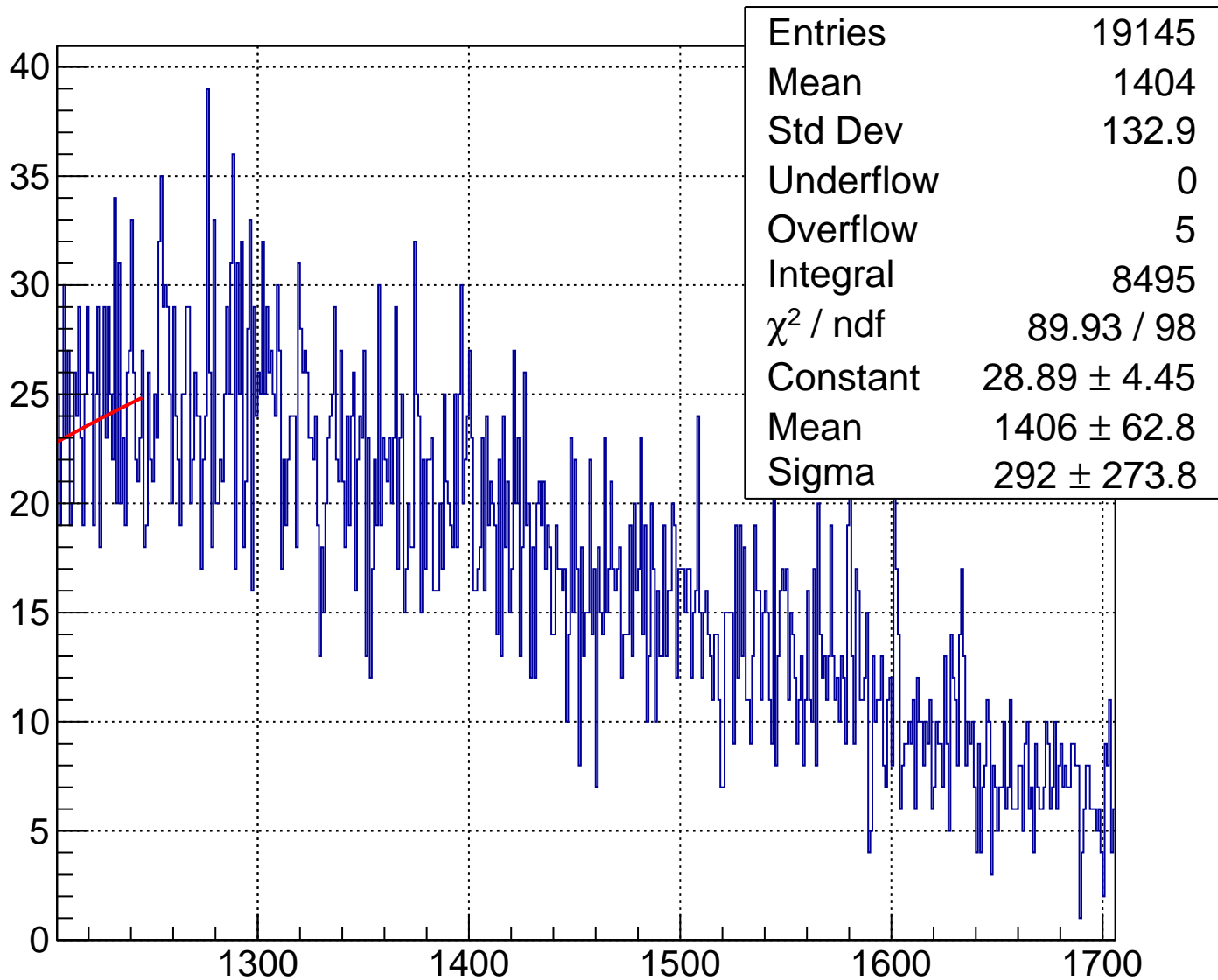
# TOFDMIP\_20



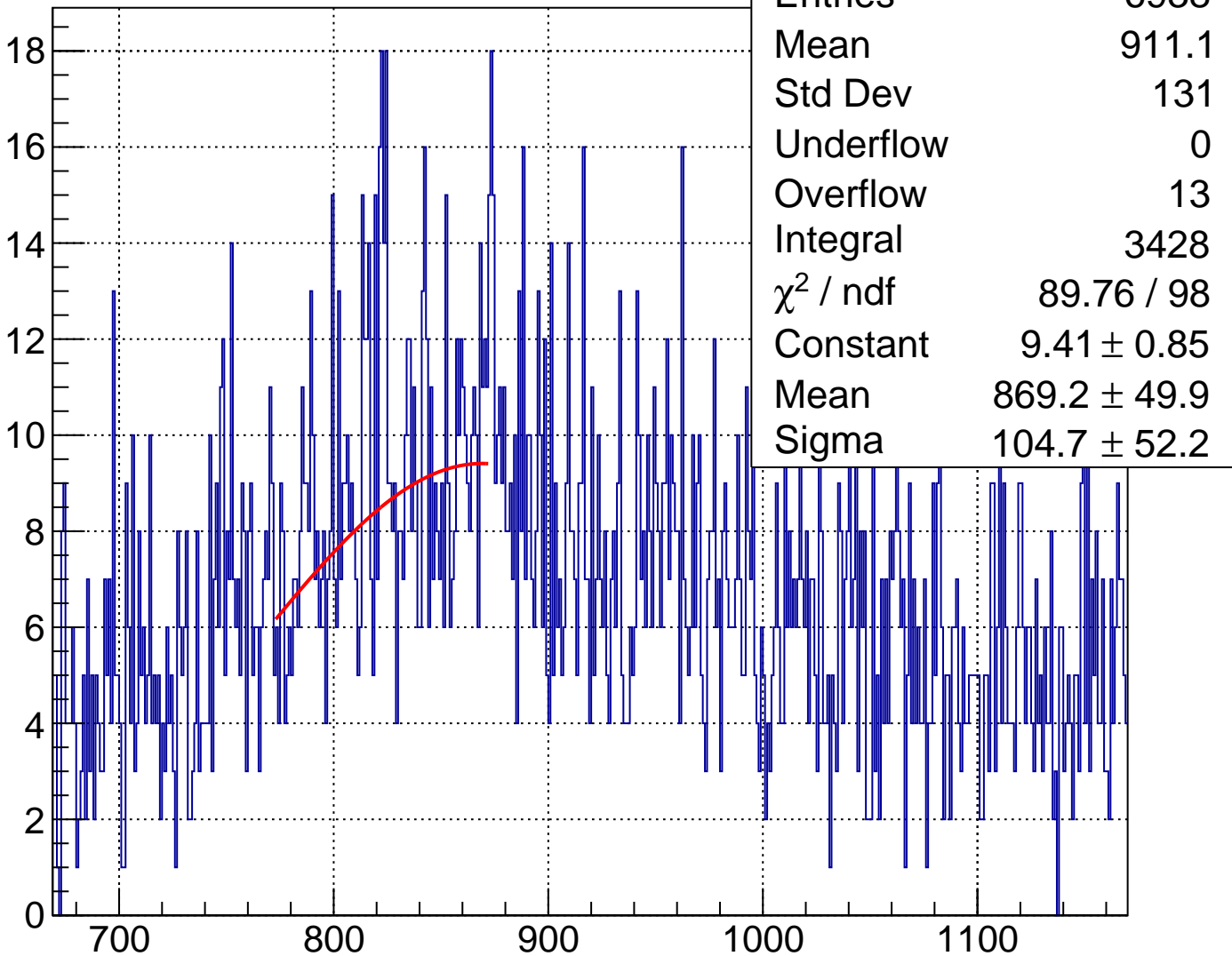
# TOFDMIP\_21



# TOFDMIP\_22

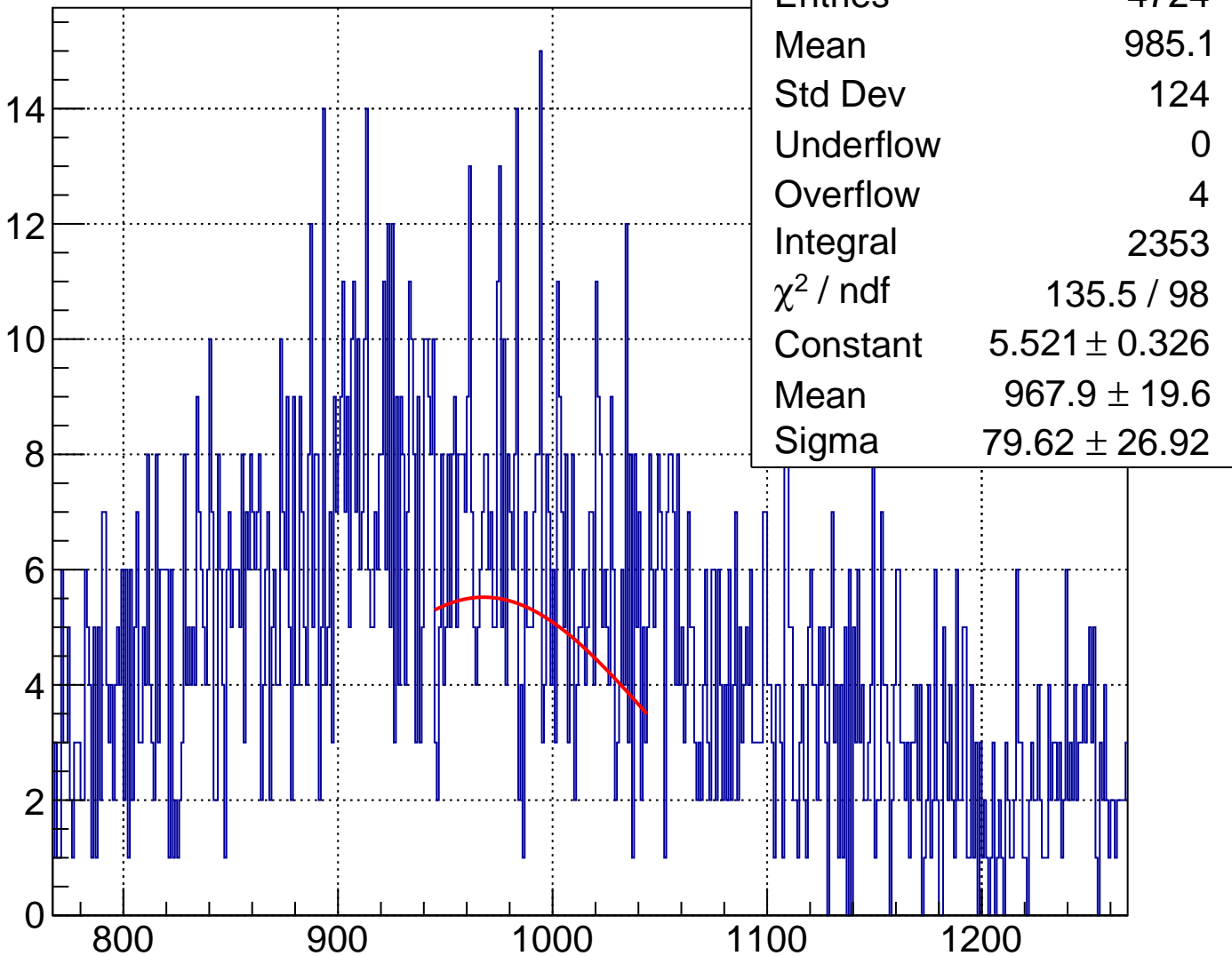


# TOFDMIP\_23

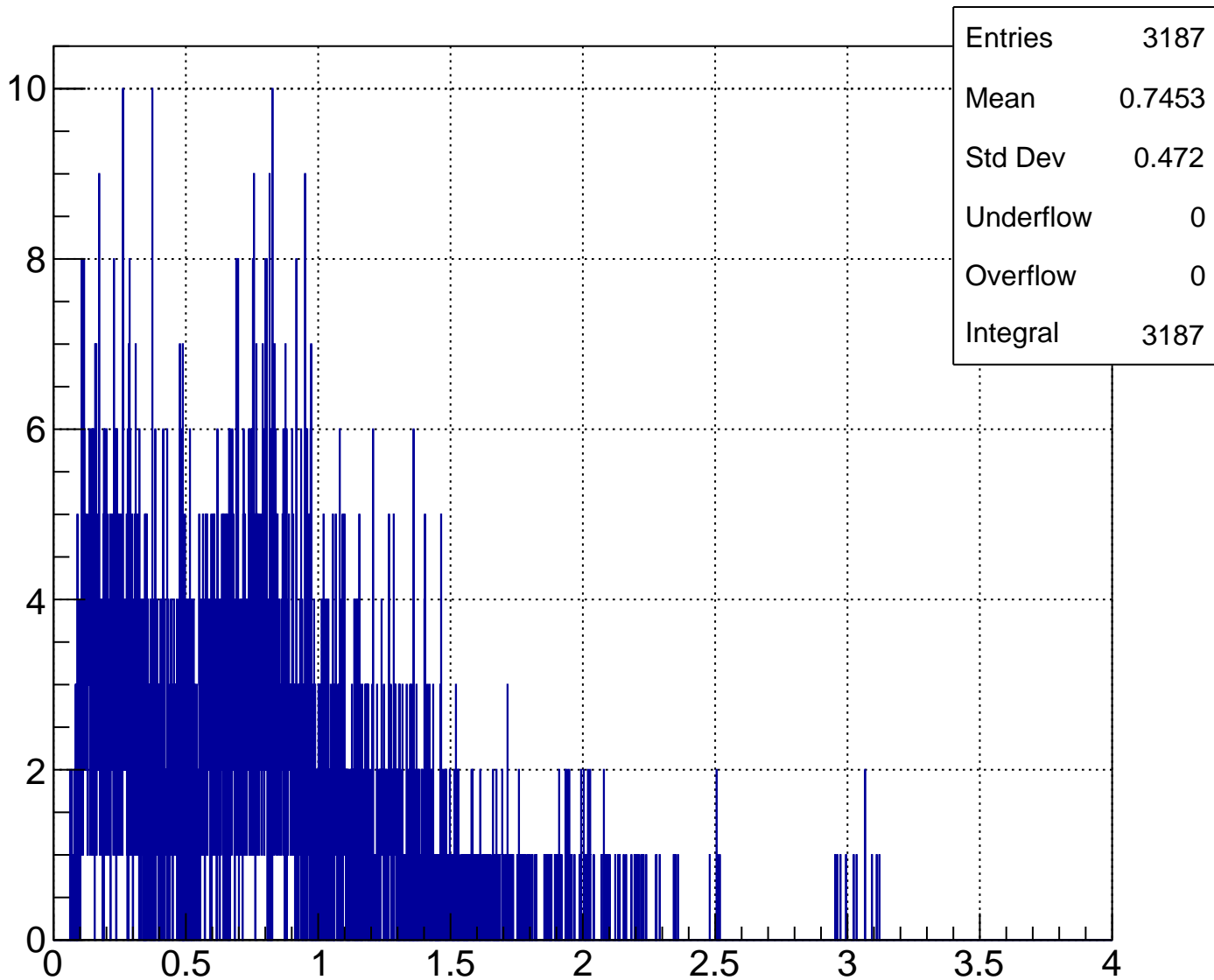




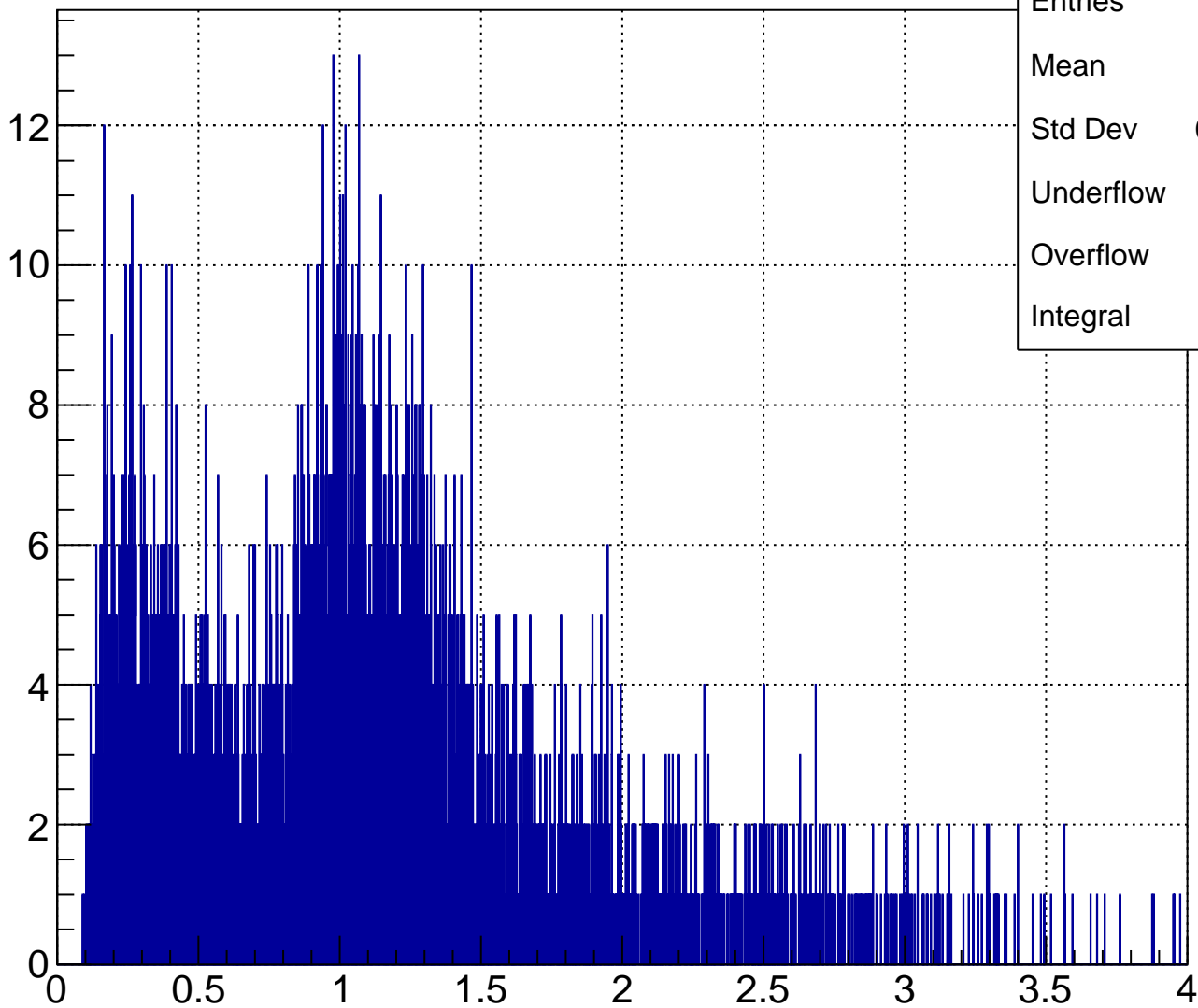
# TOFDMIP\_24



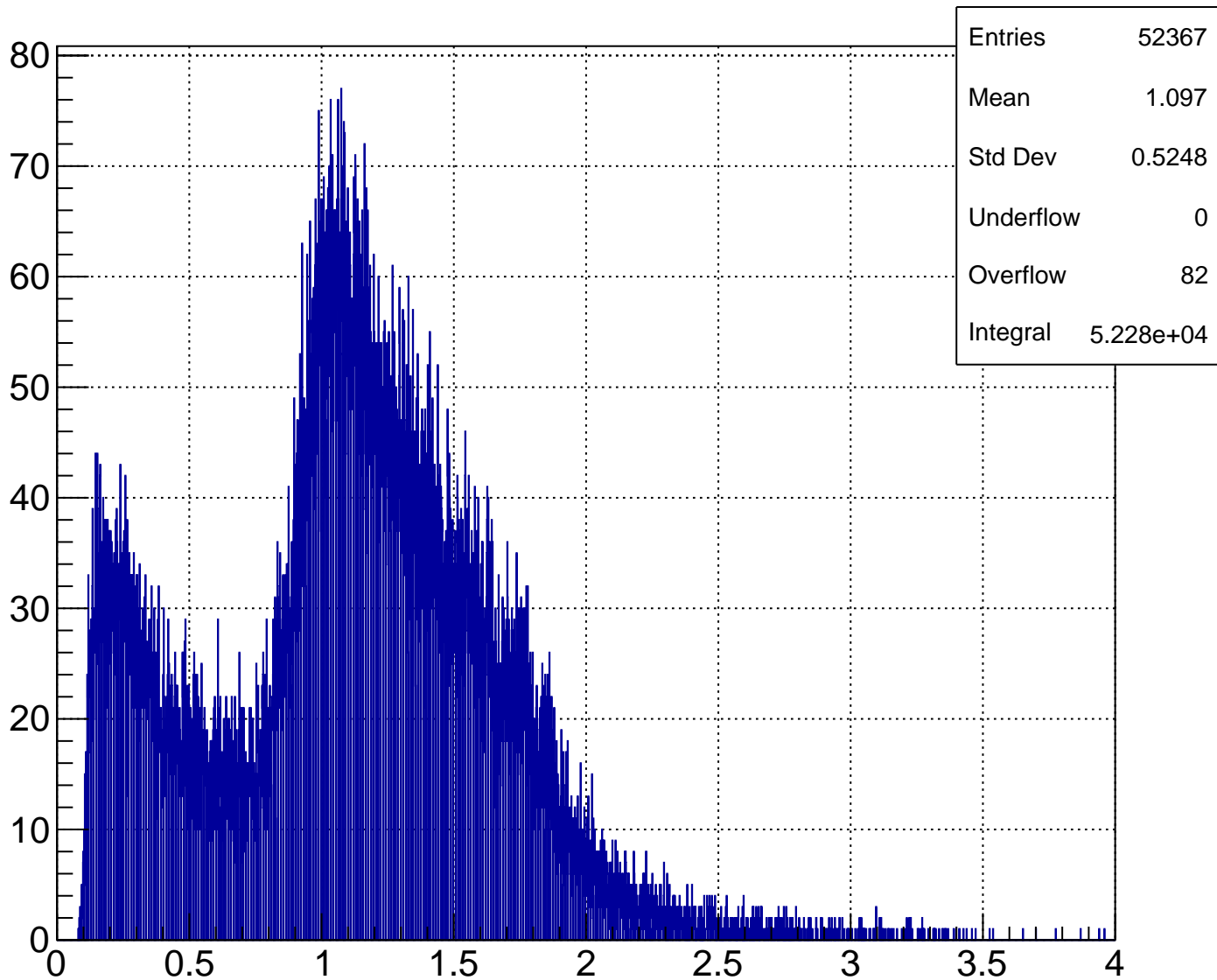
# TOFUMIPSC\_1



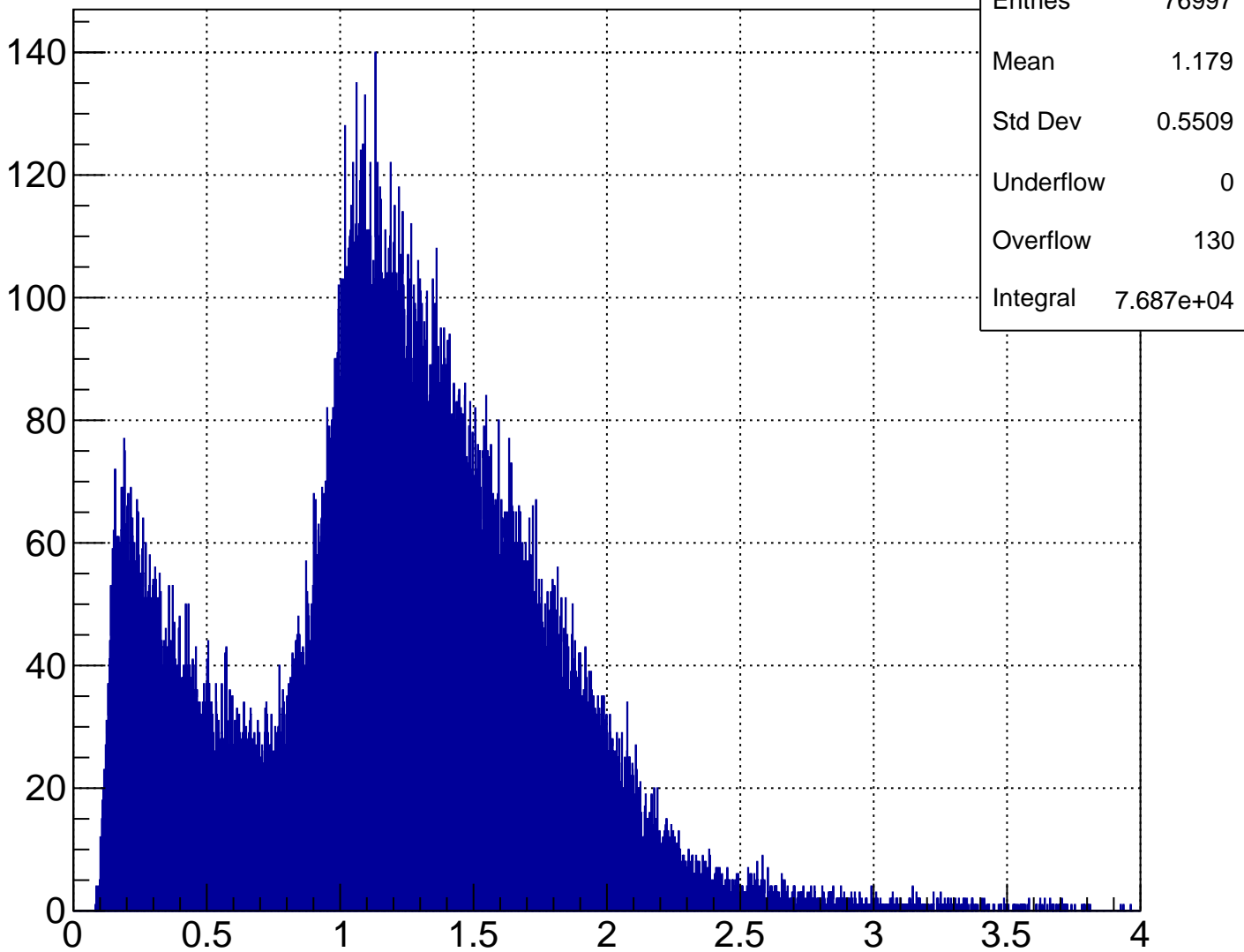
# TOFUMIPSC\_2



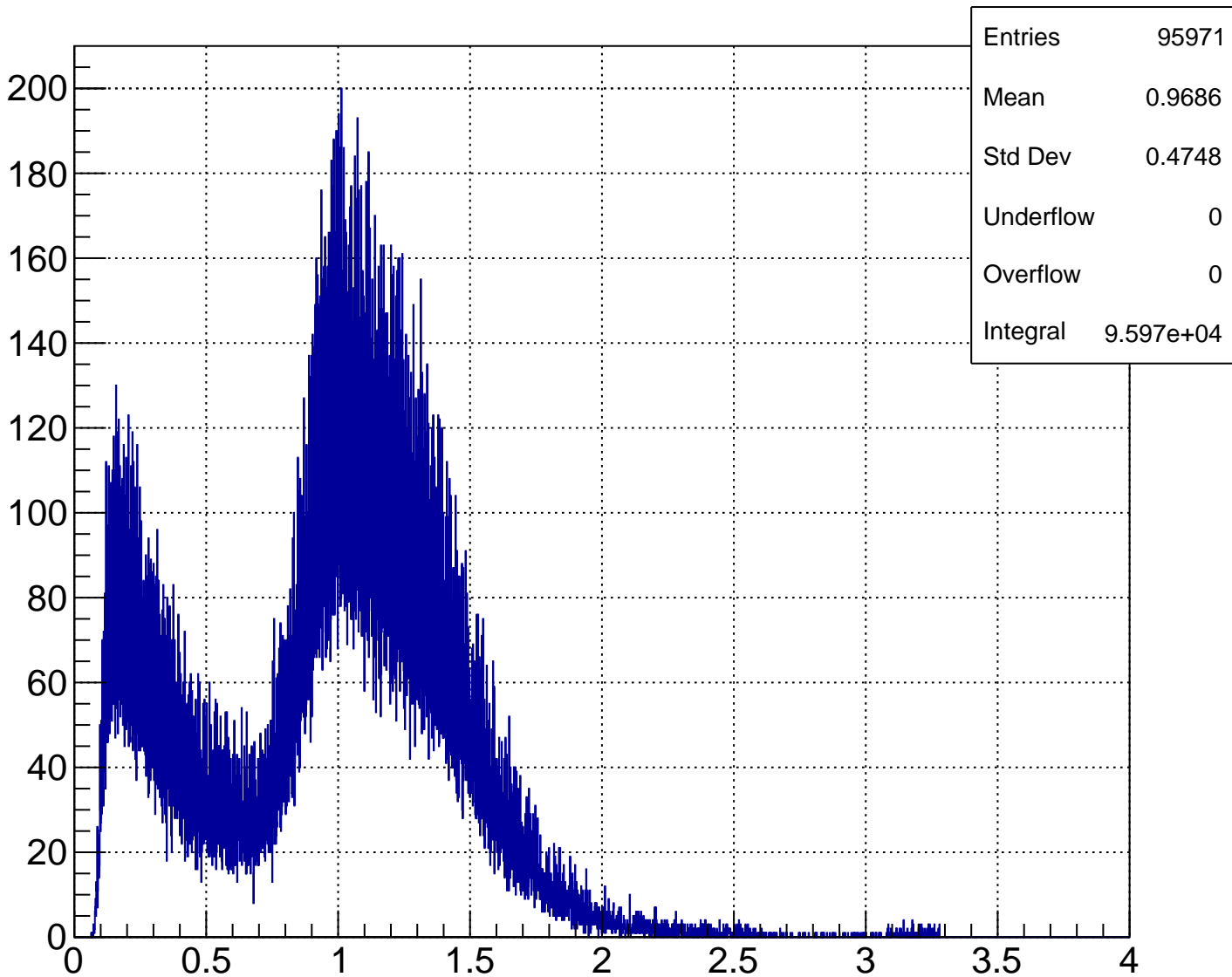
# TOFUMIPSC\_3



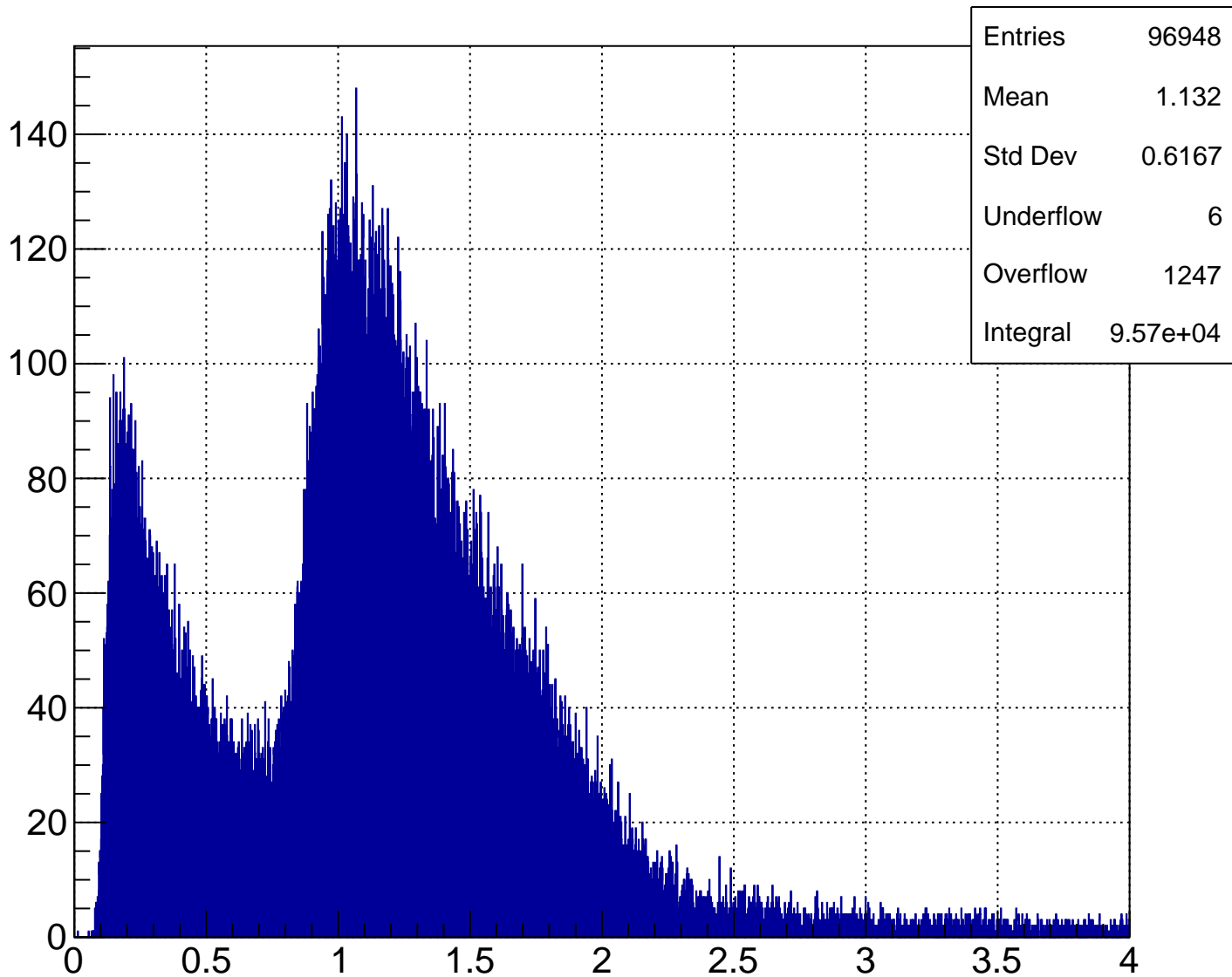
# TOFUMIPSC\_4



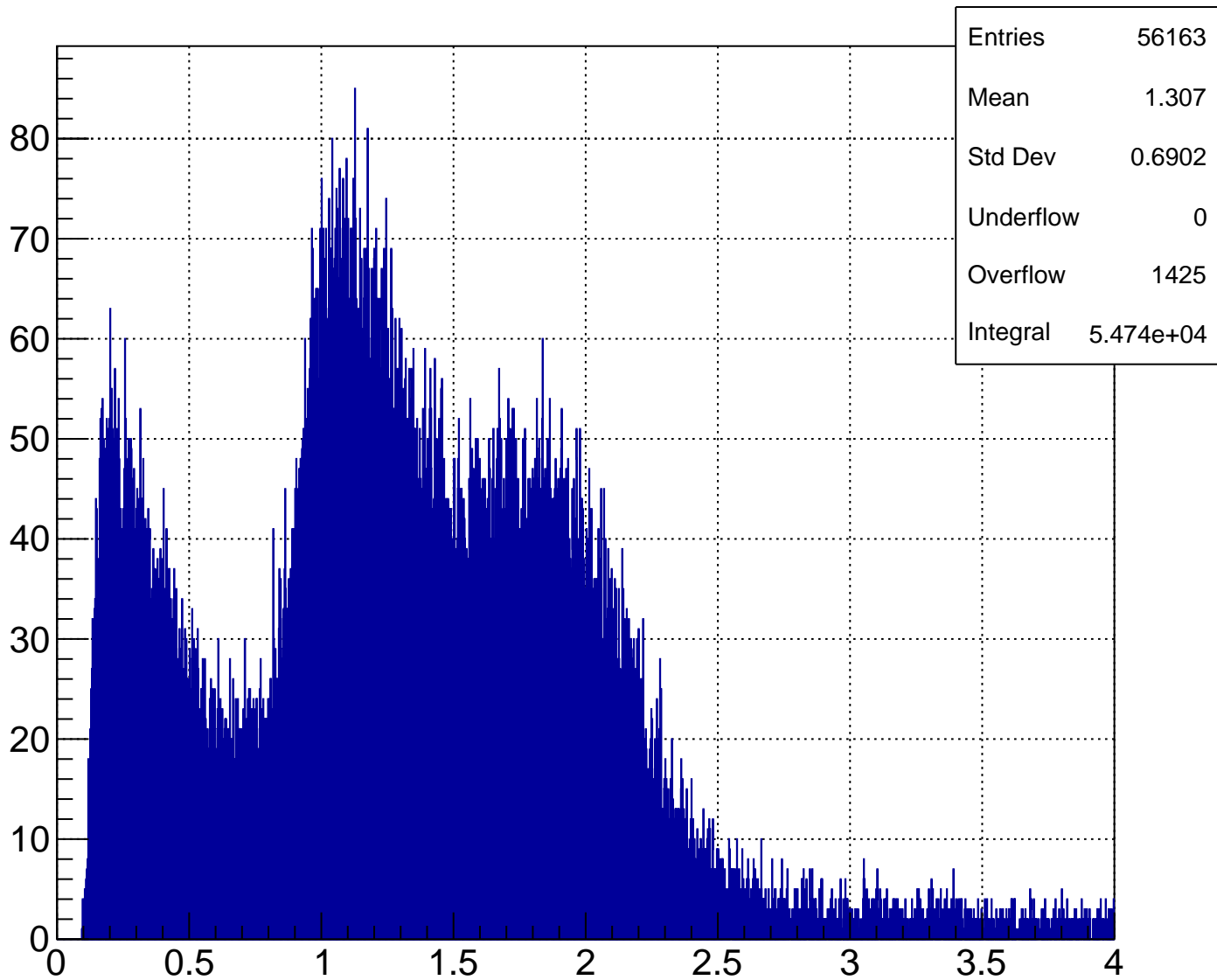
# TOFUMIPSC\_5



# TOFUMIPSC\_6

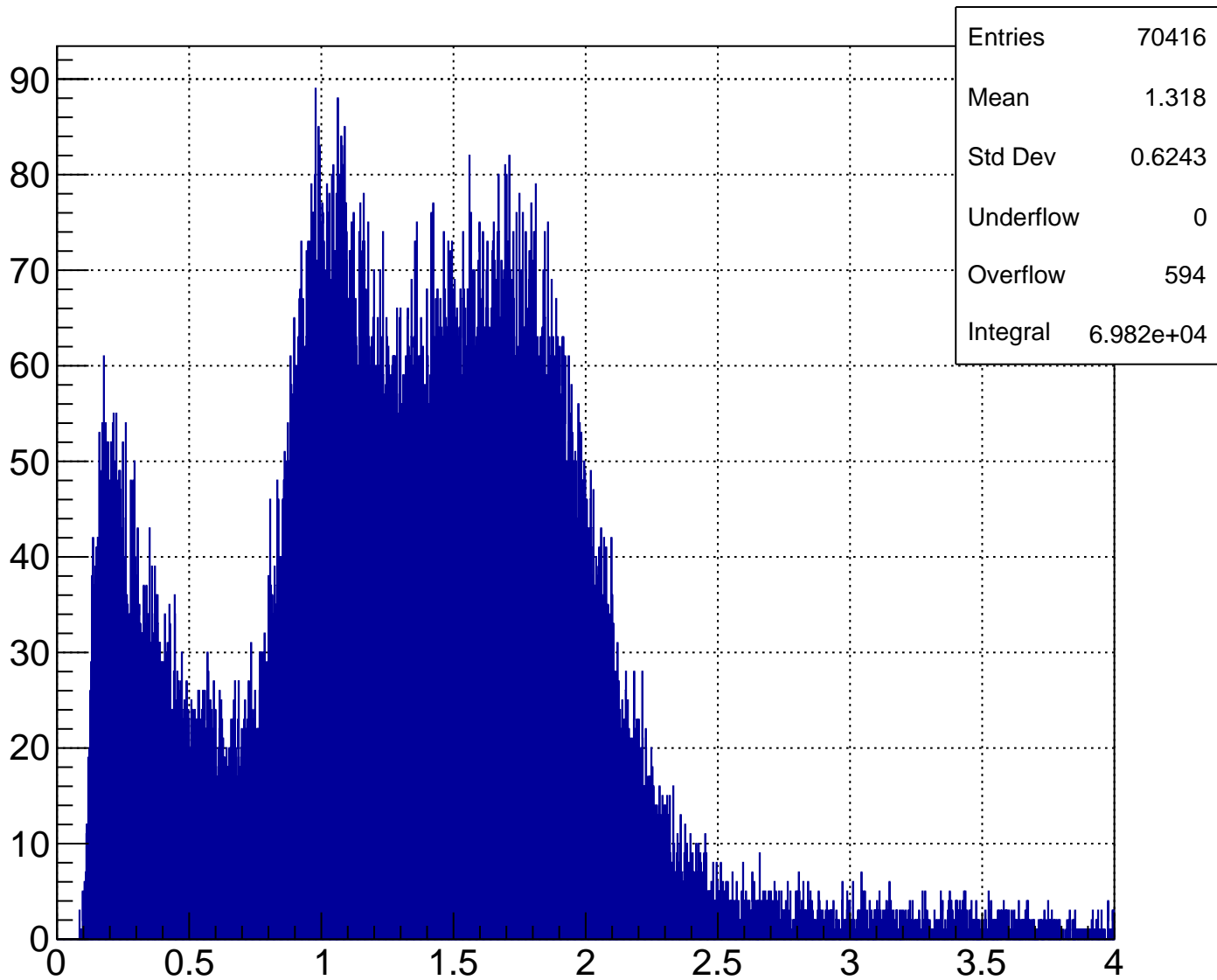


# TOFUMIPSC\_7

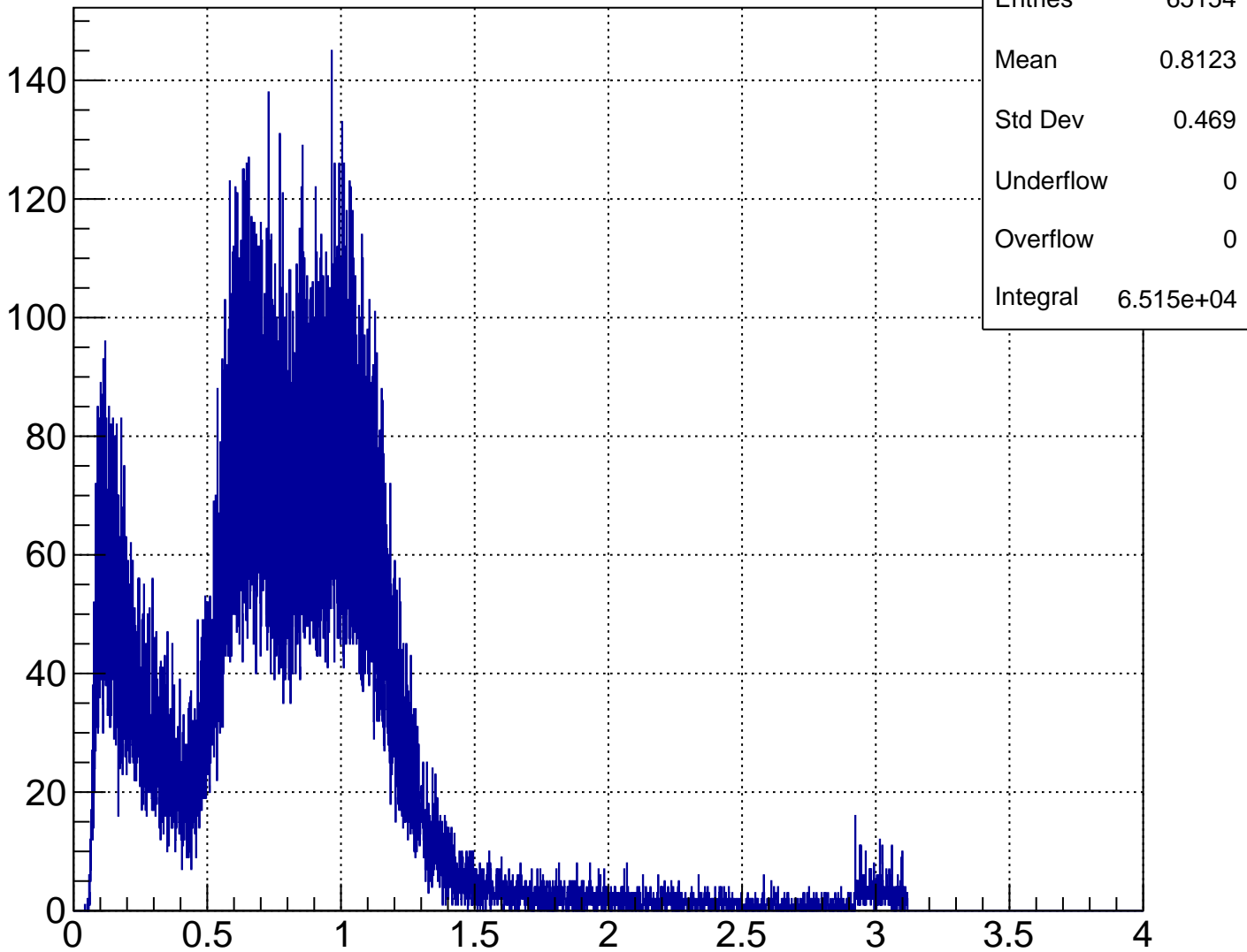




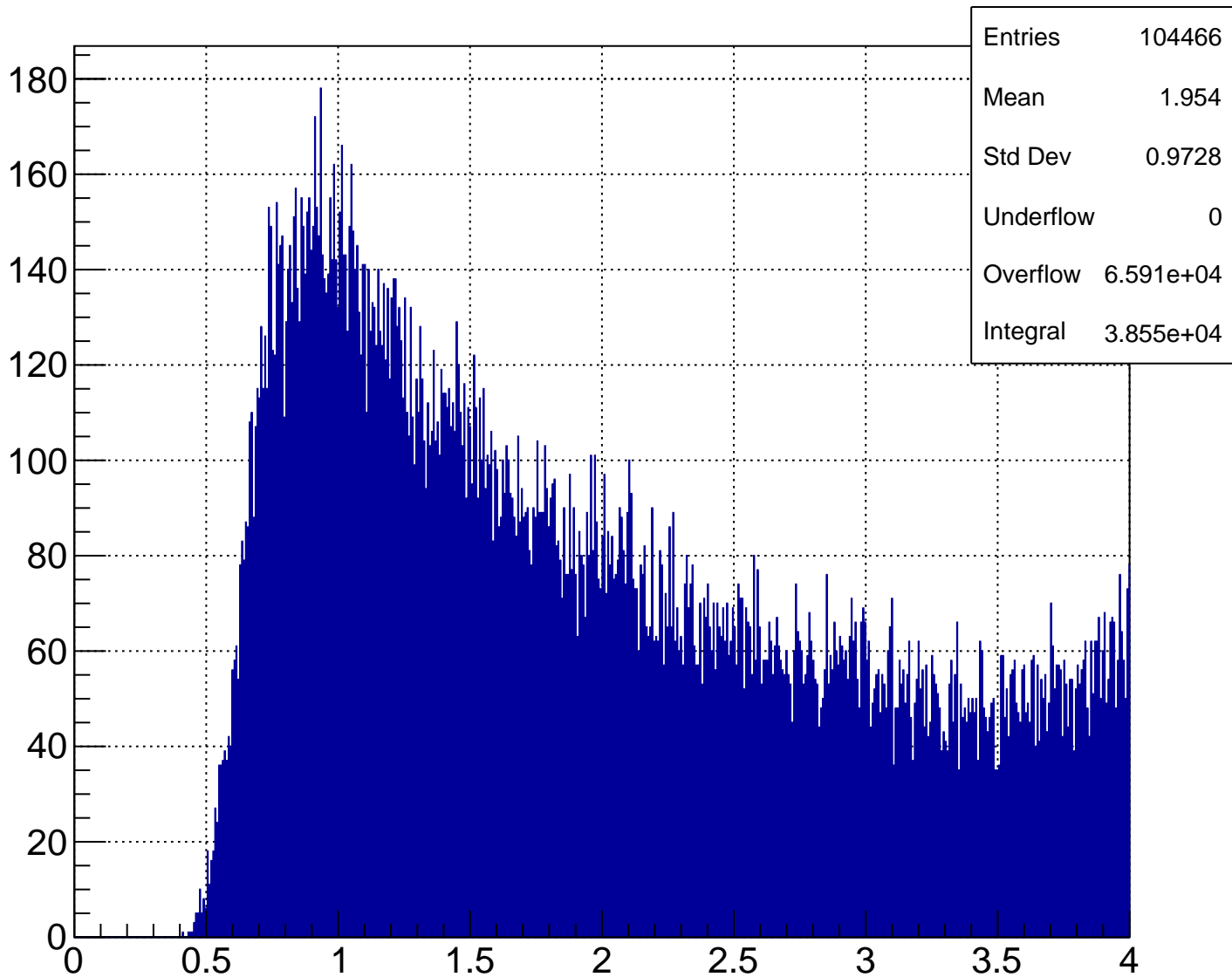
# TOFUMIPSC\_8



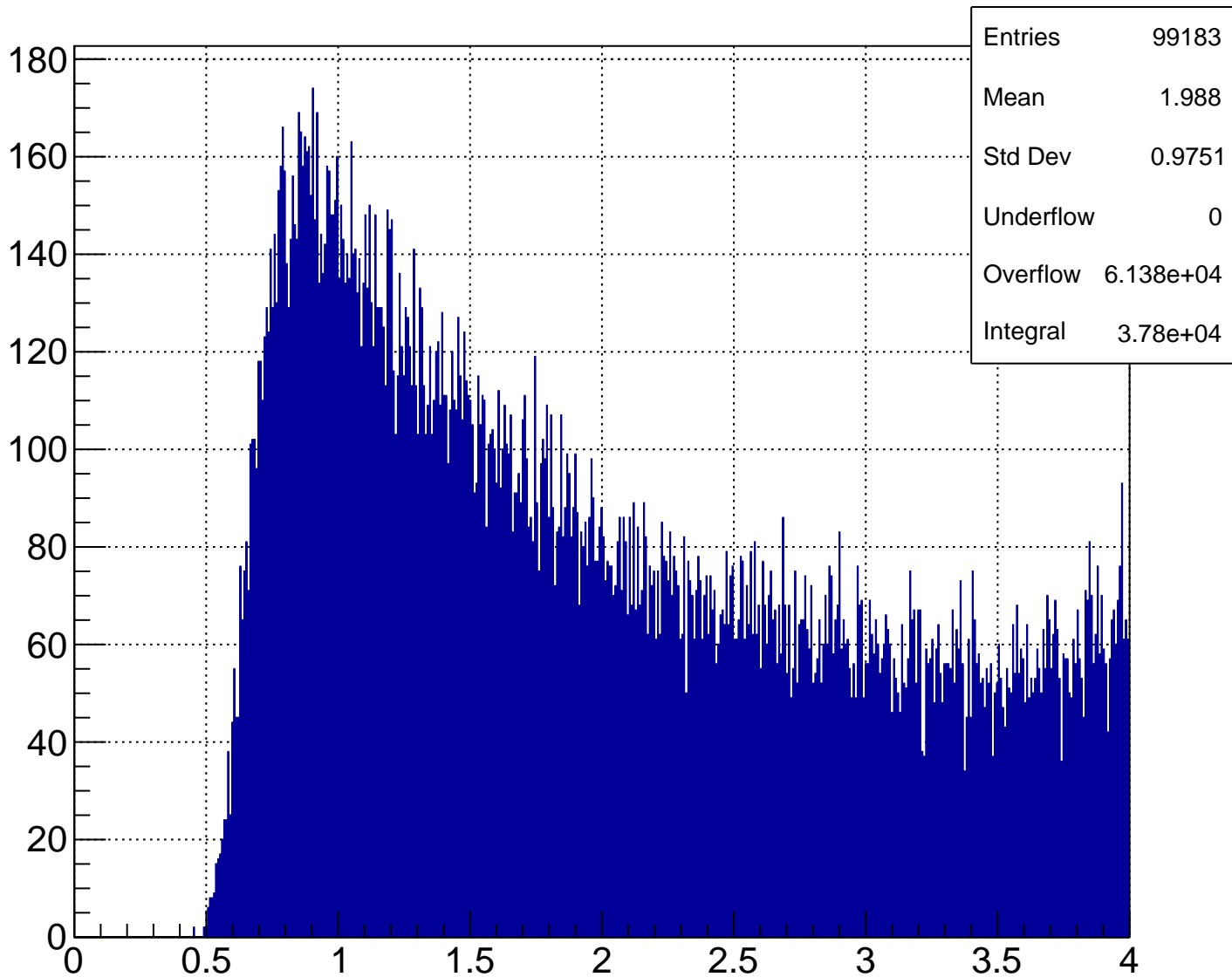
# TOFUMIPSC\_9



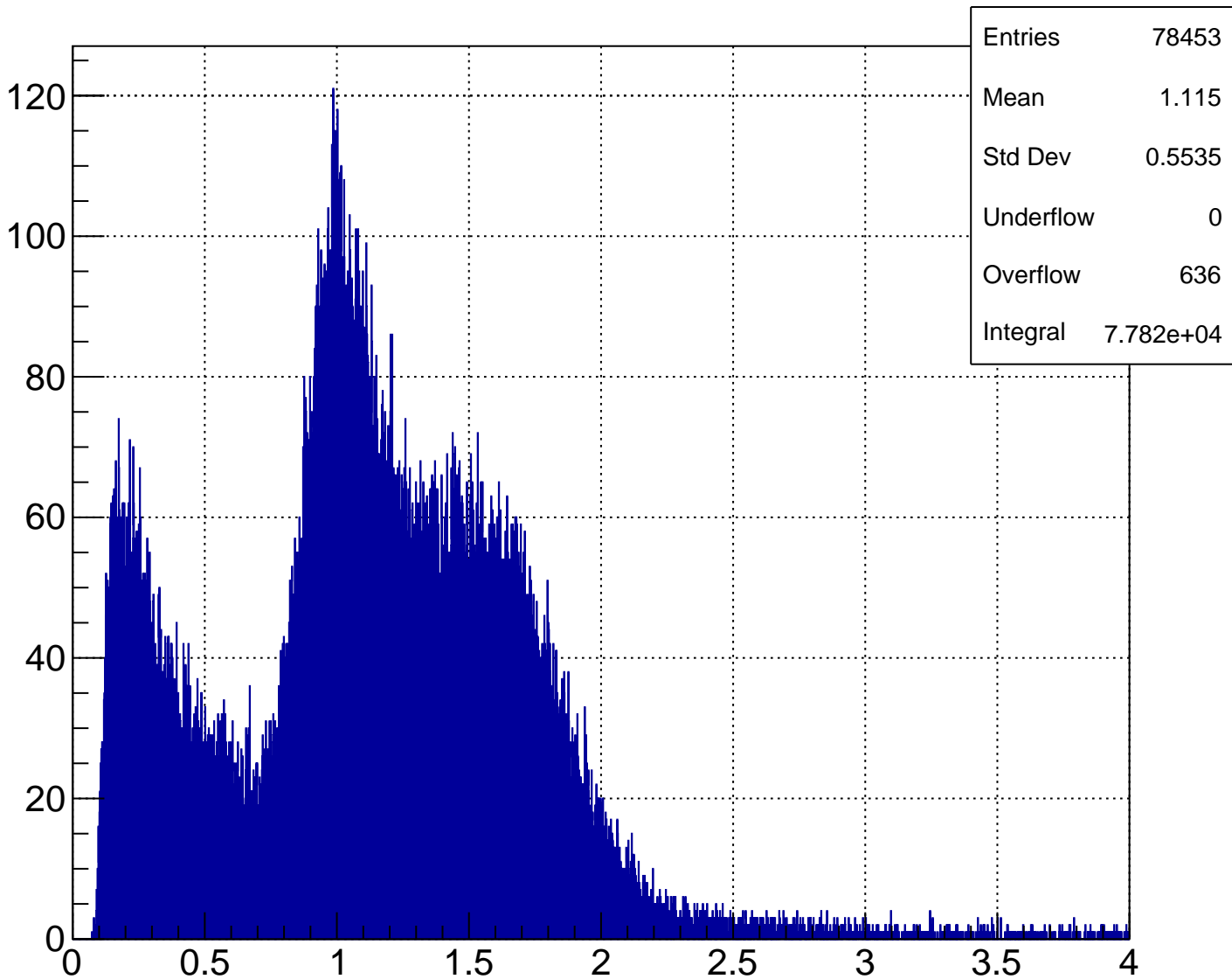
# TOFUMIPSC\_10



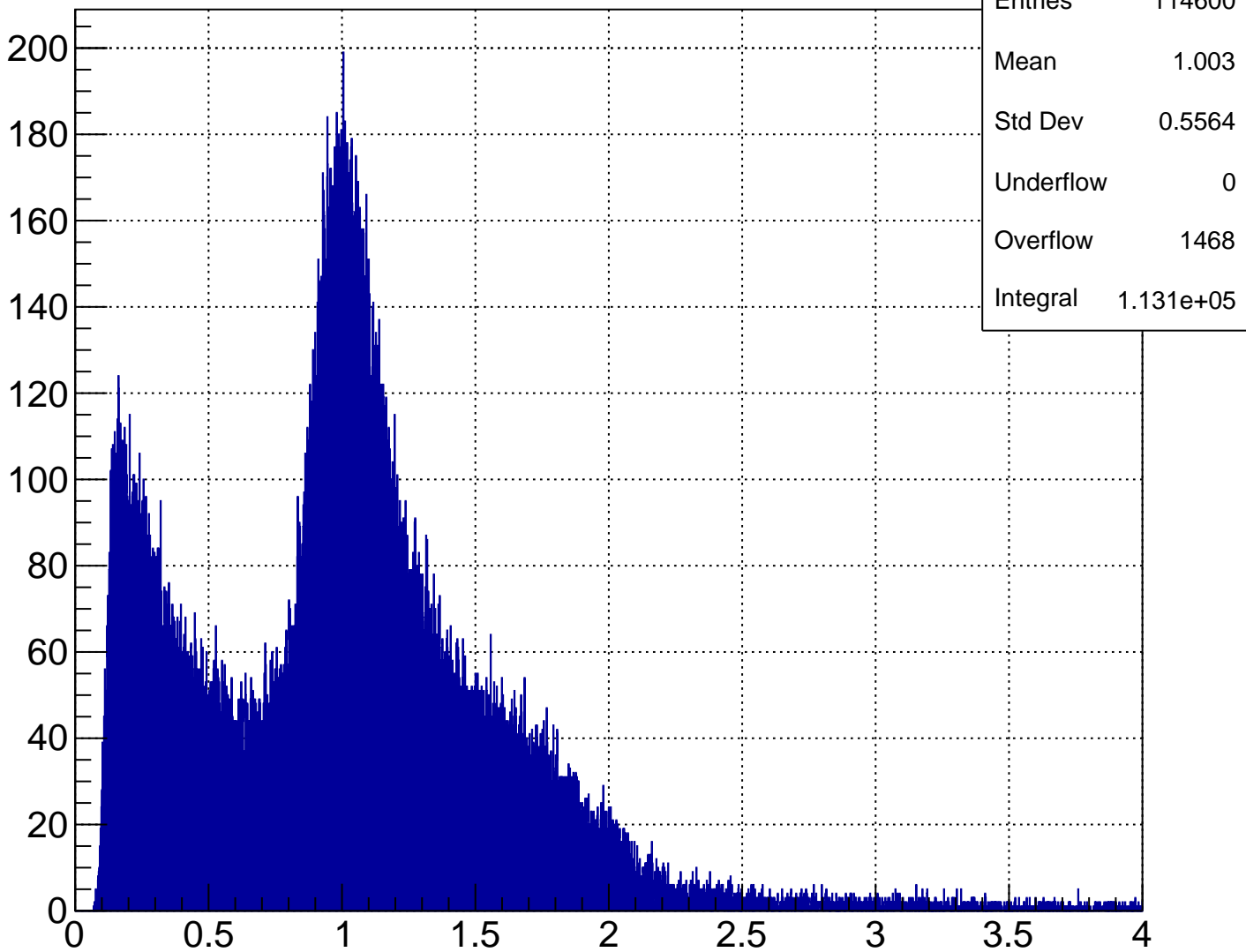
# TOFUMIPSC\_11



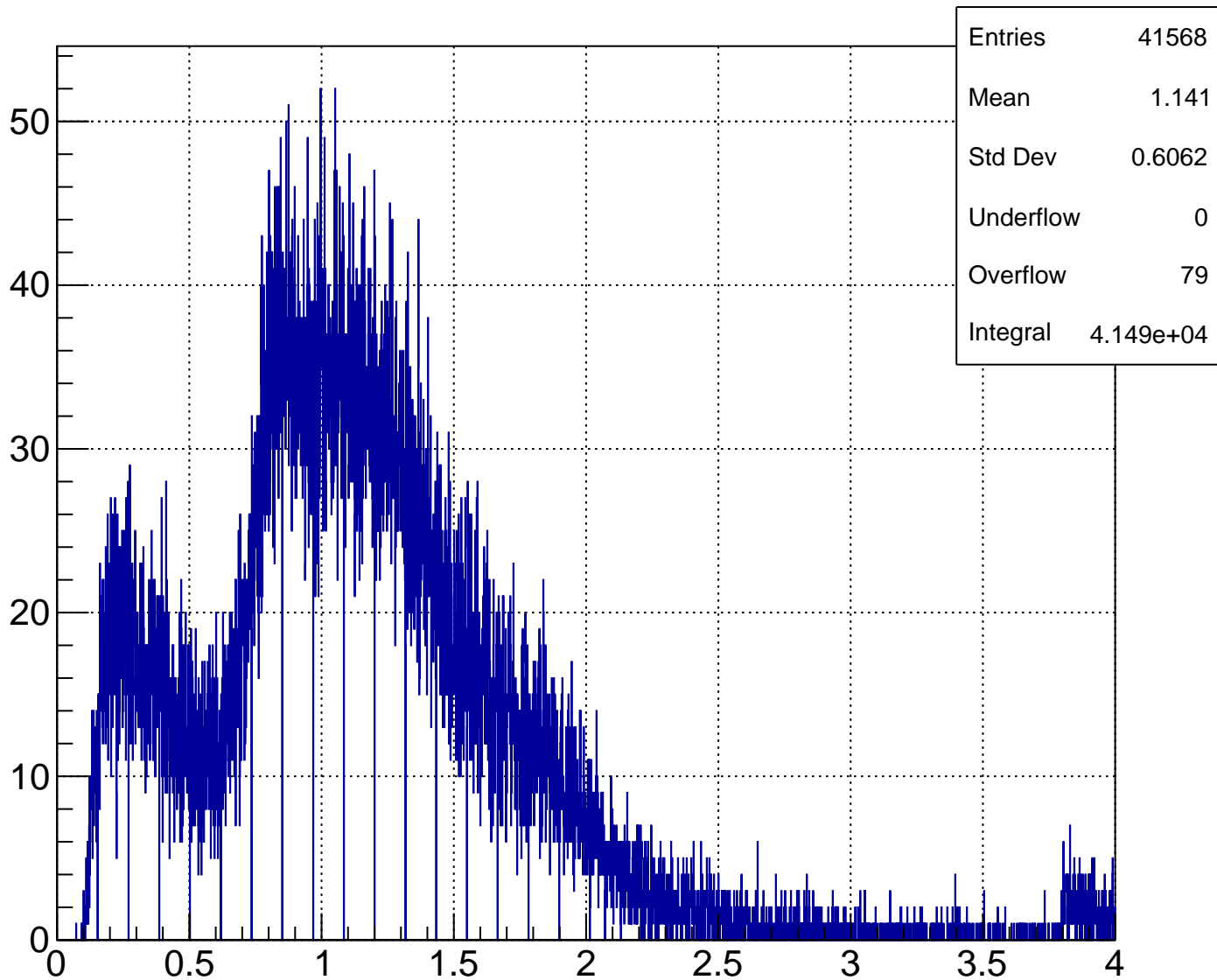
# TOFUMIPSC\_12



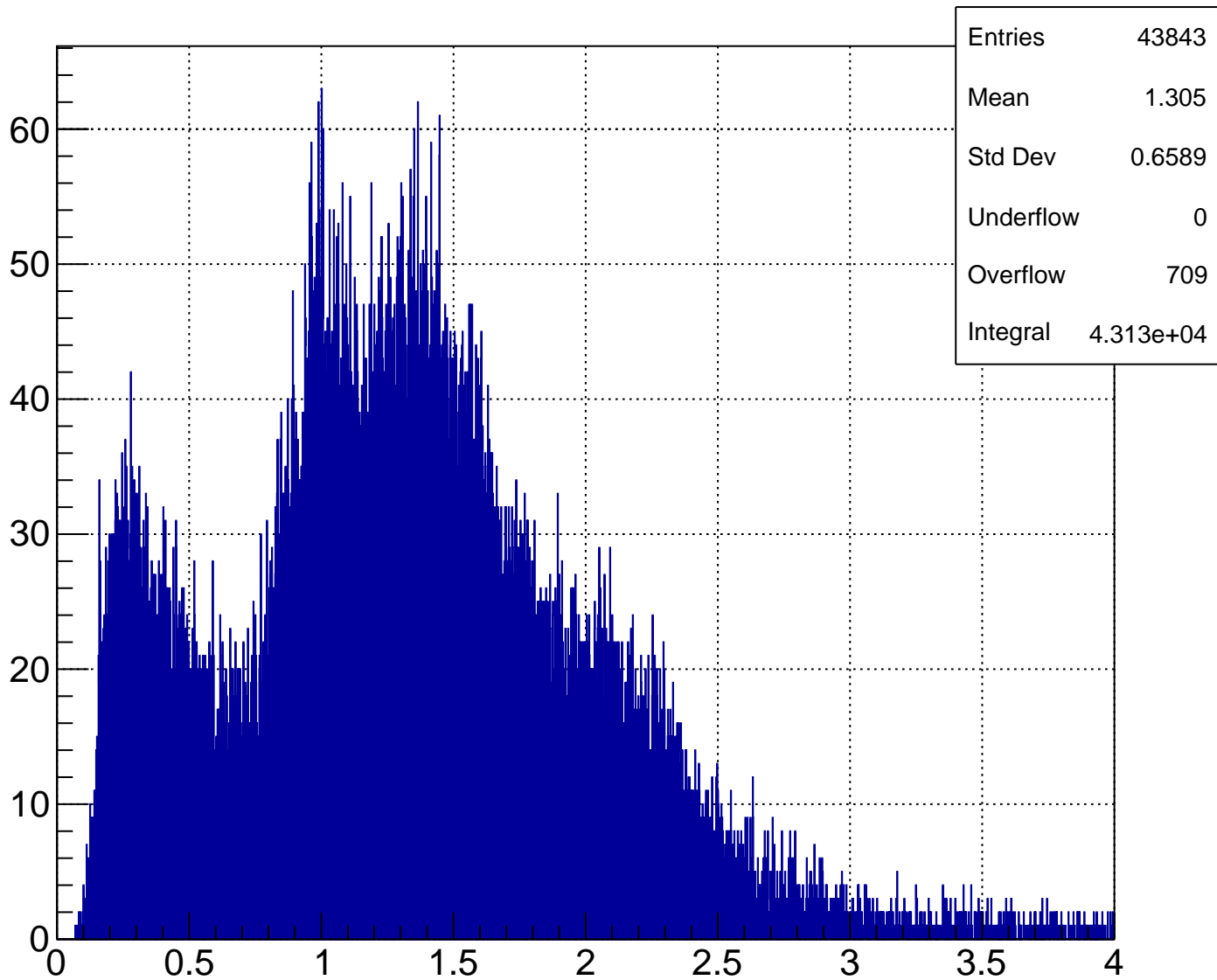
# TOFUMIPSC\_13



# TOFUMIPSC\_14

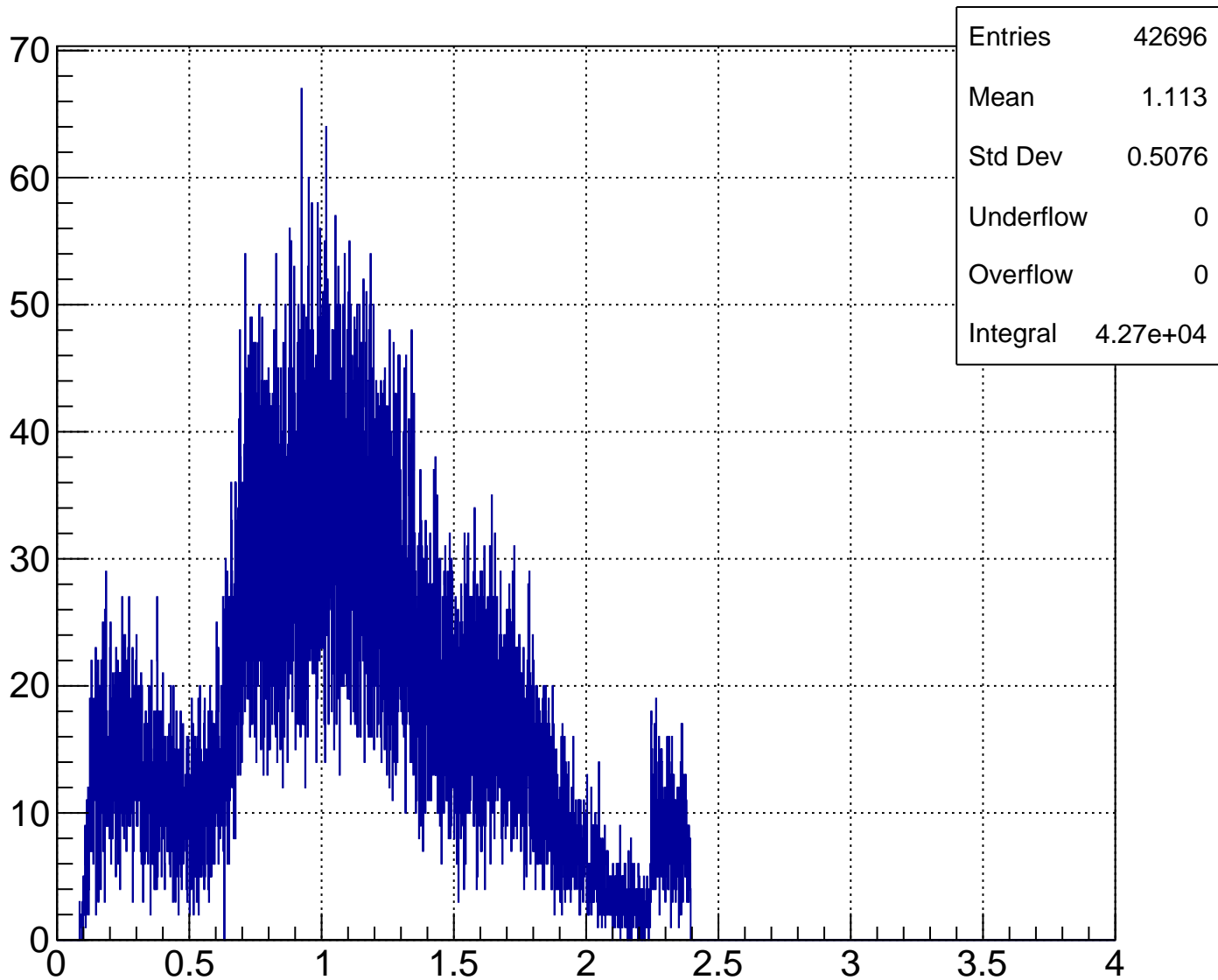


# TOFUMIPSC\_15

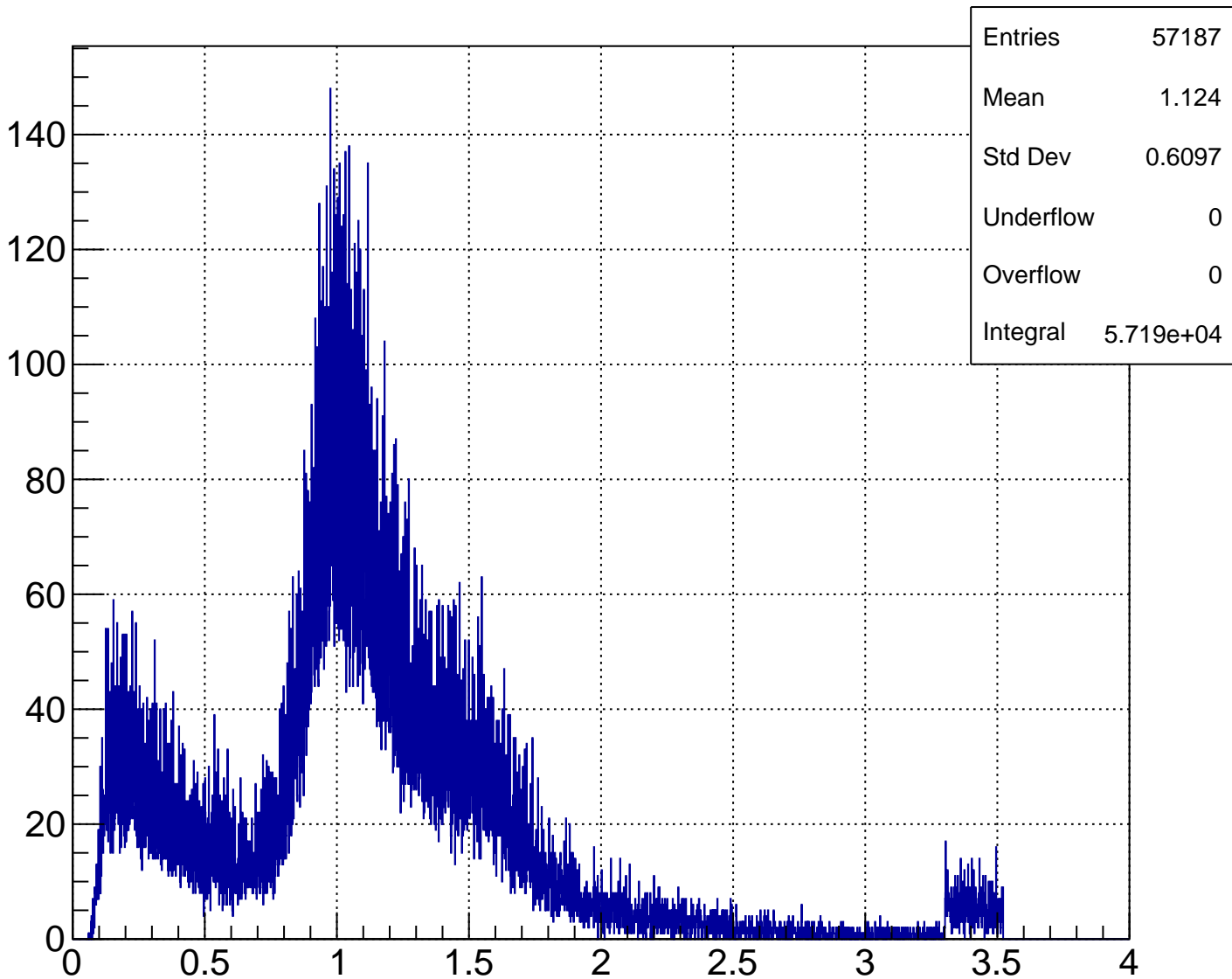




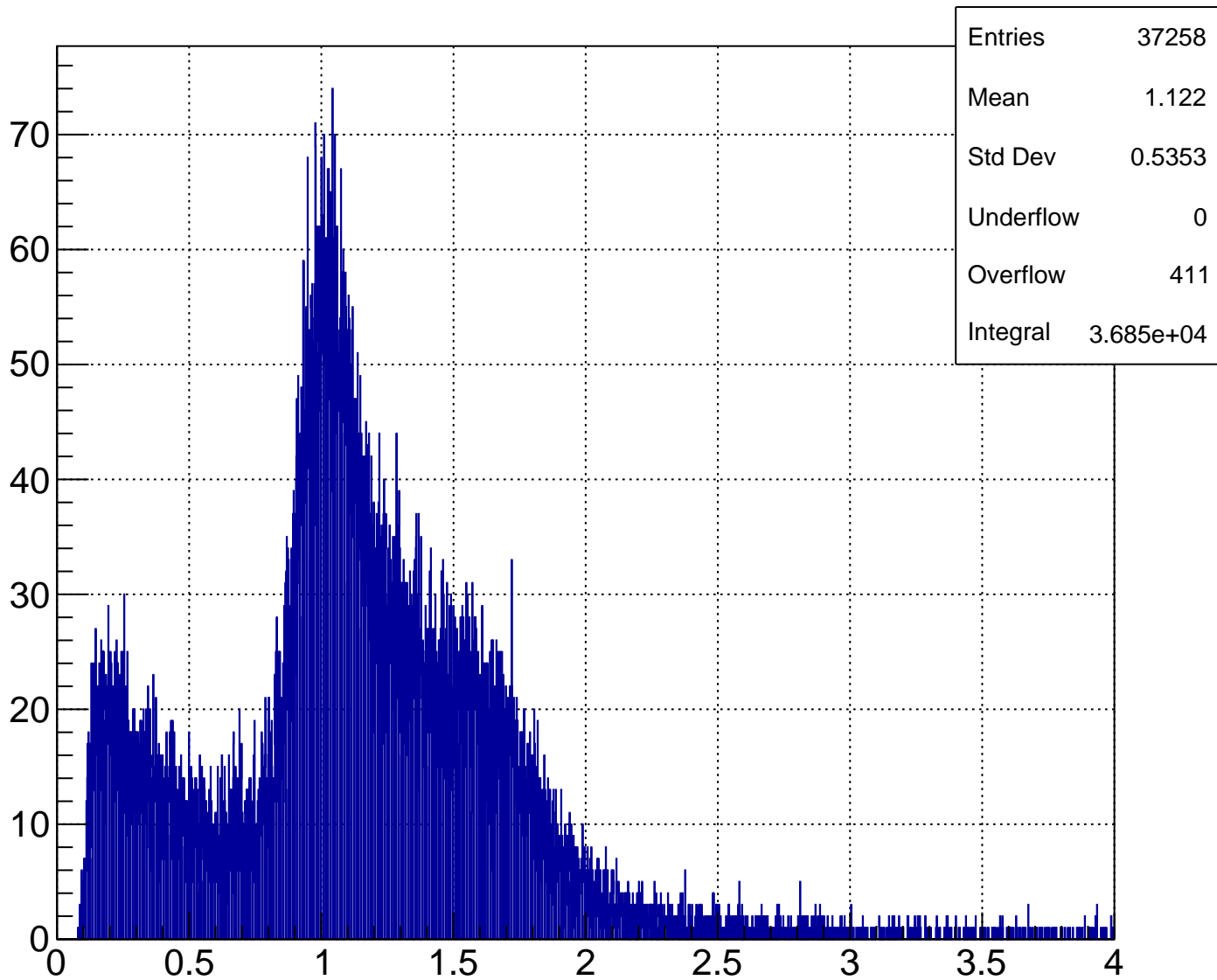
# TOFUMIPSC\_16



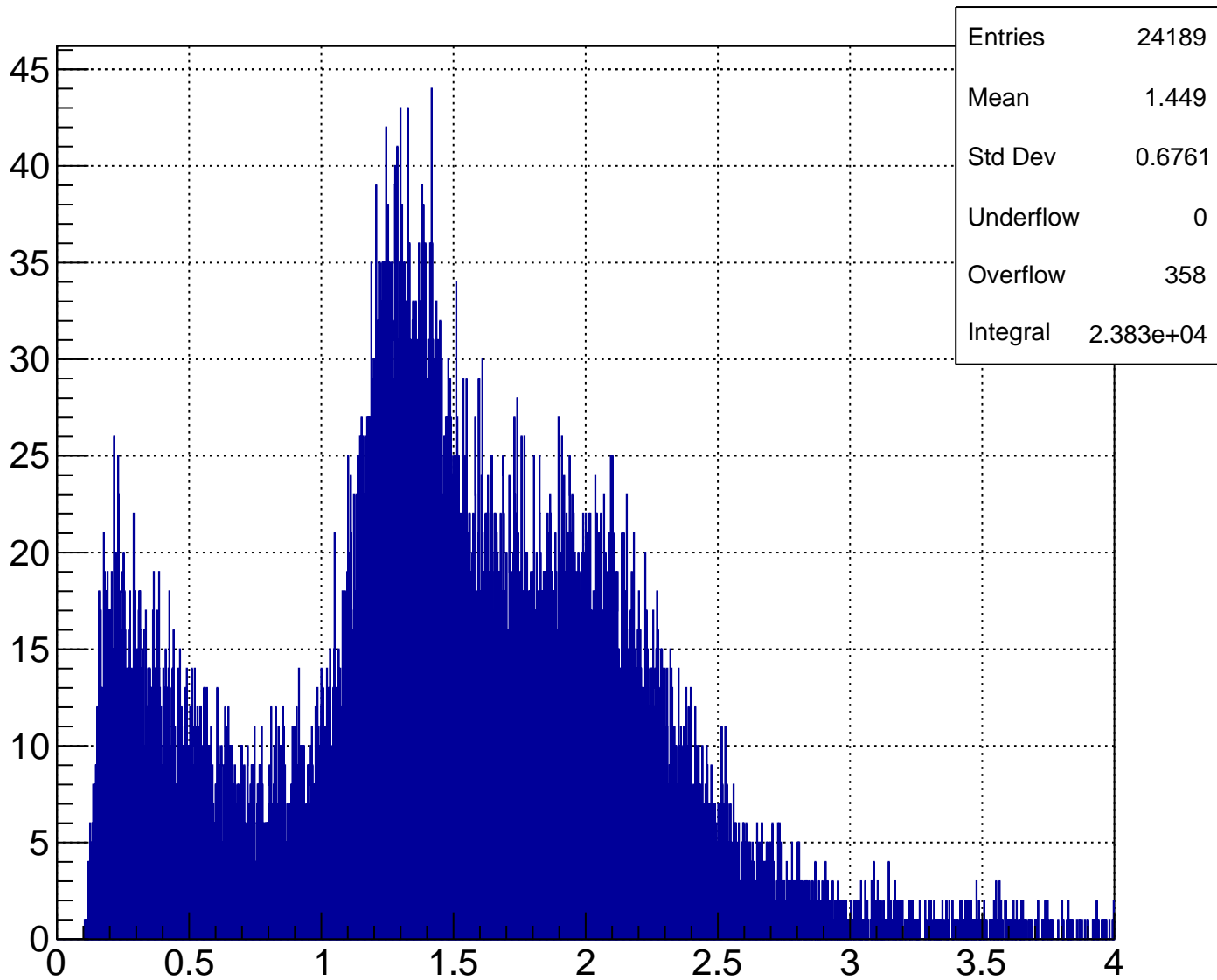
# TOFUMIPSC\_17



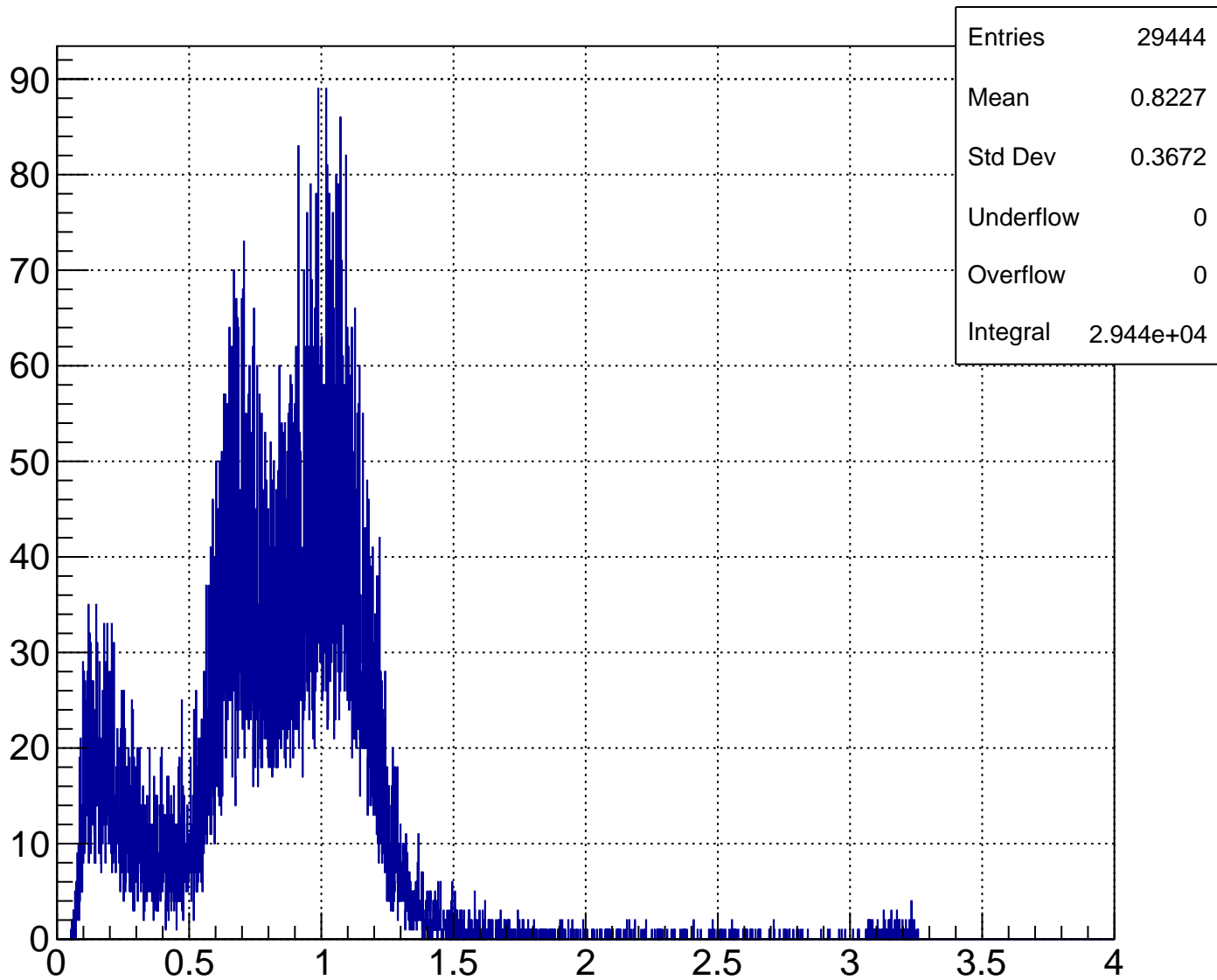
# TOFUMIPSC\_18



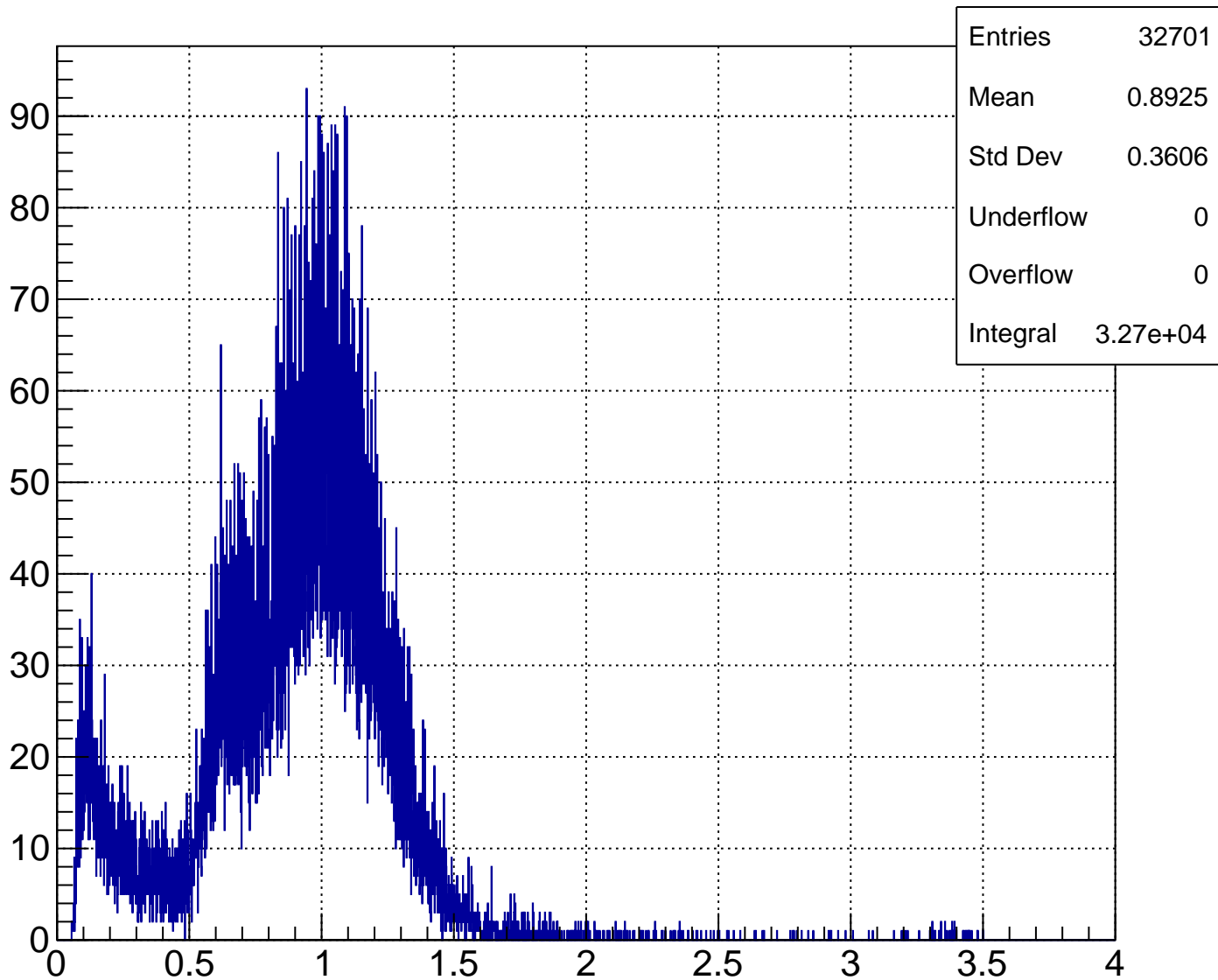
# TOFUMIPSC\_19



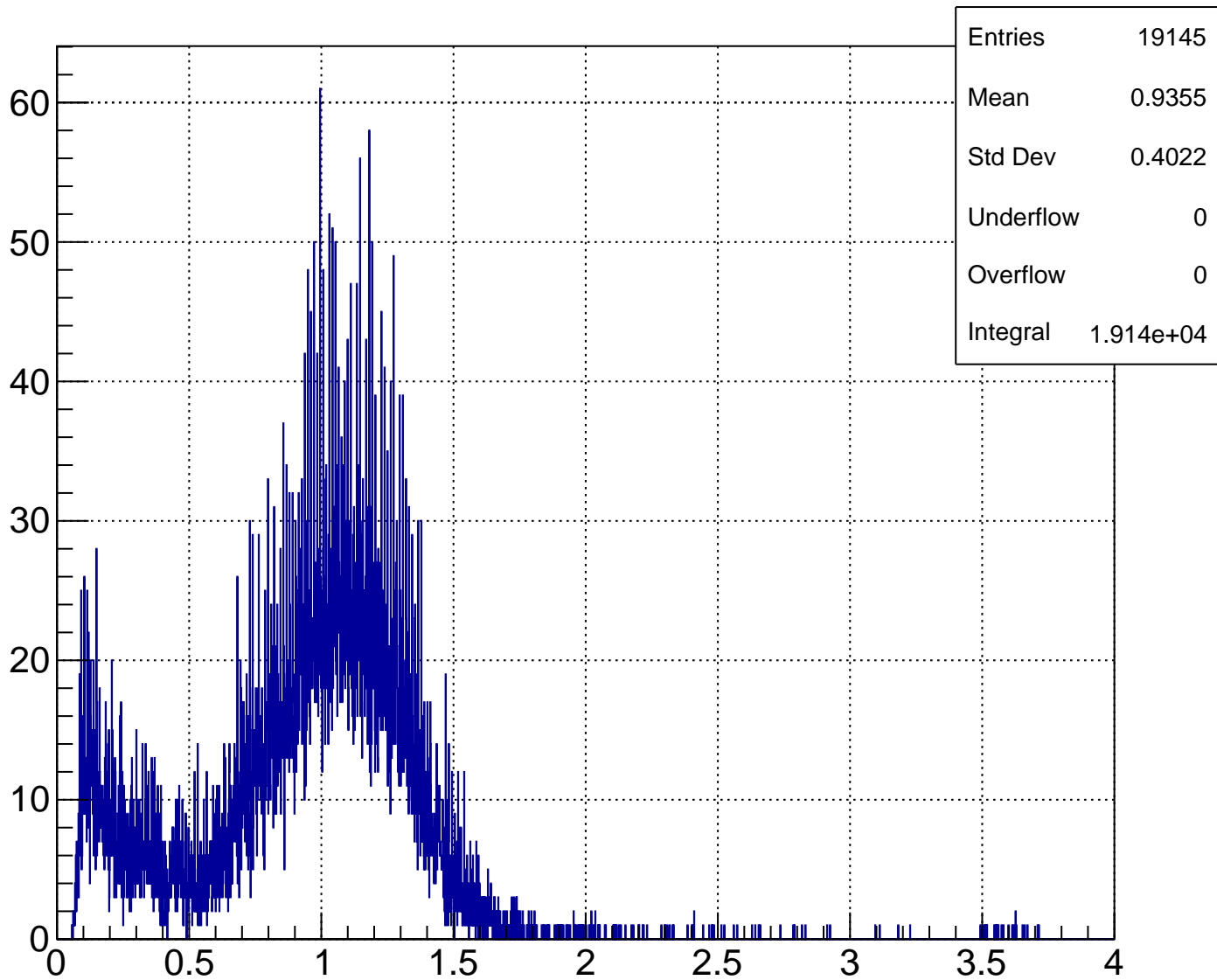
# TOFUMIPSC\_20



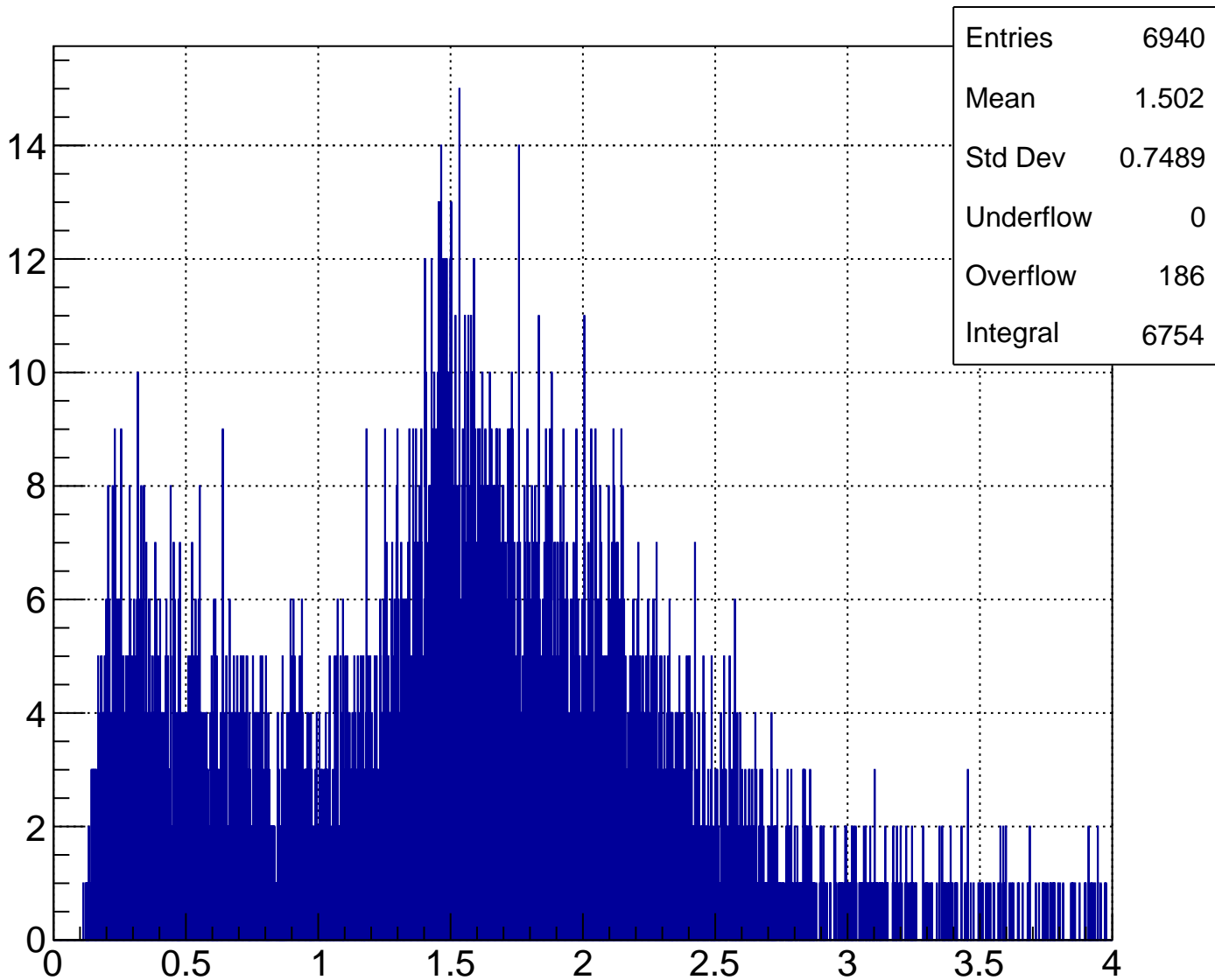
# TOFUMIPSC\_21



# TOFUMIPSC\_22

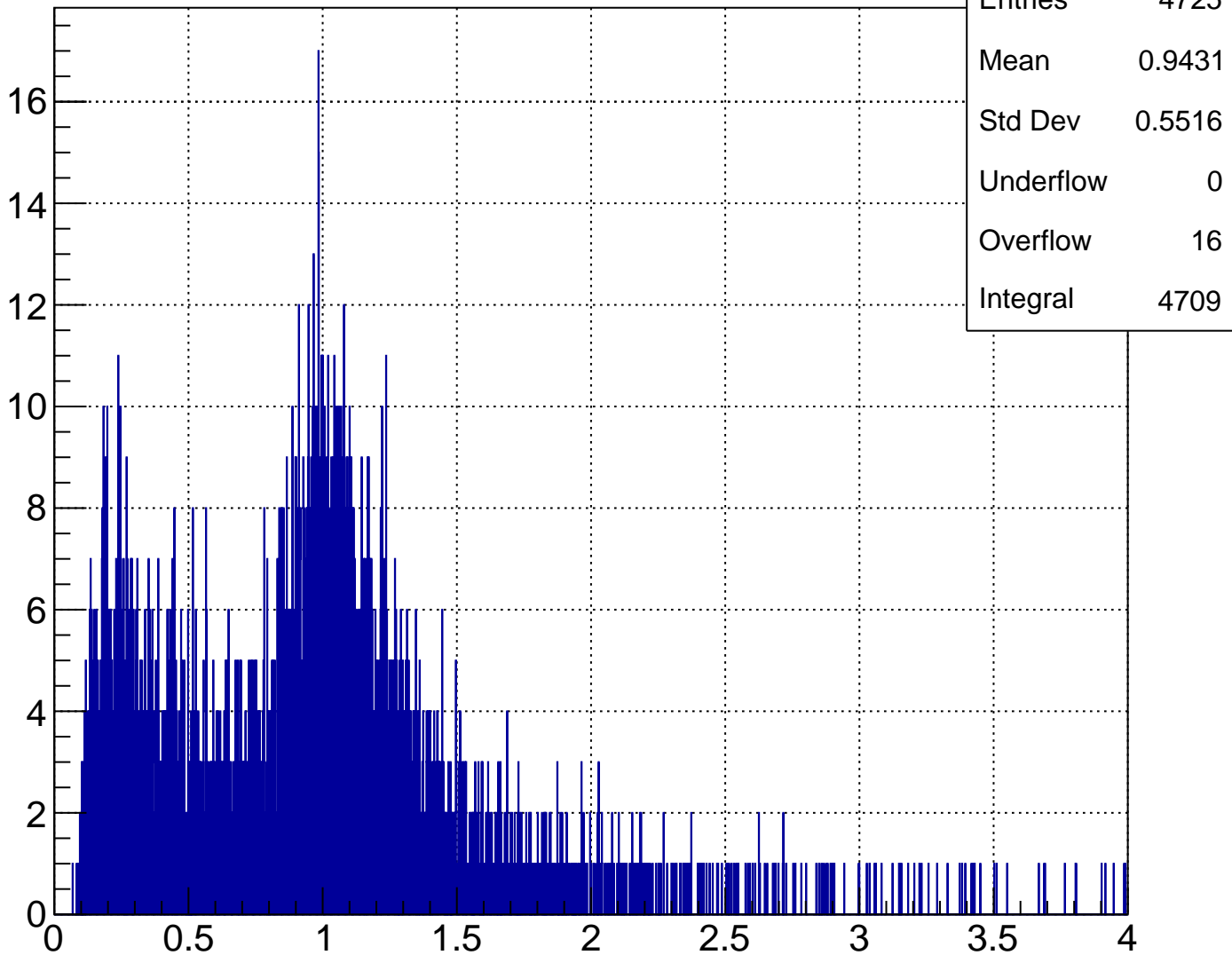


# TOFUMIPSC\_23

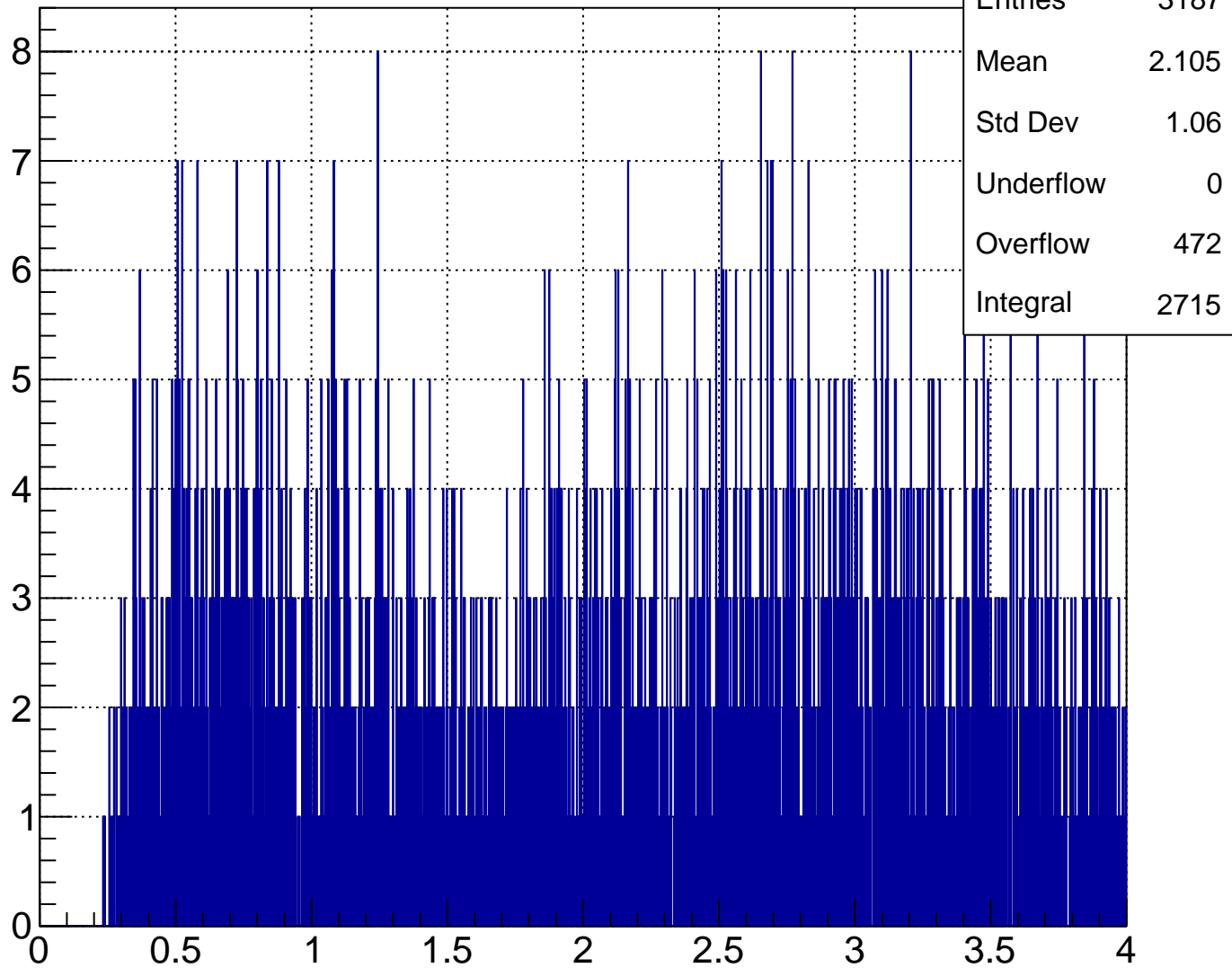




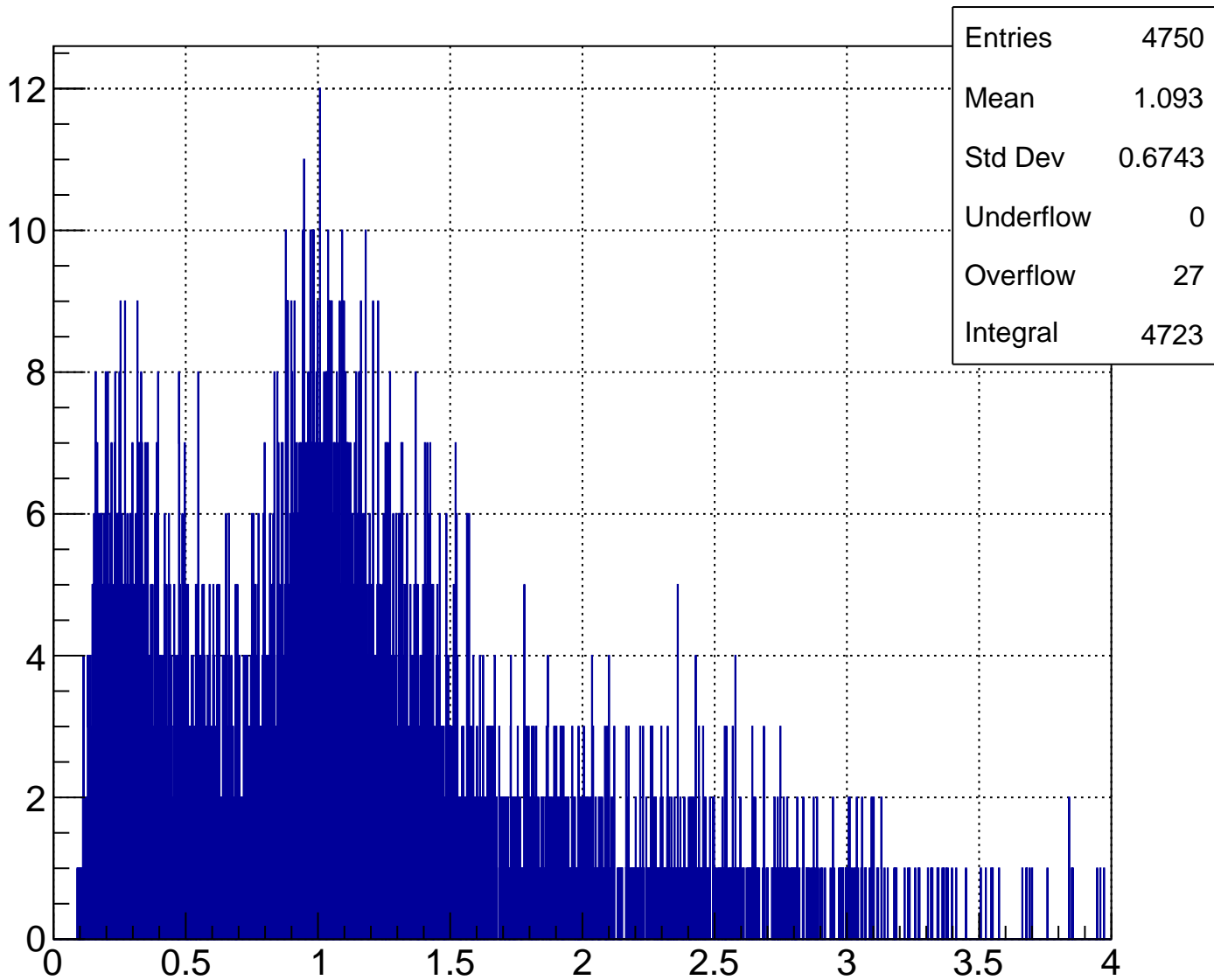
# TOFUMIPSC\_24



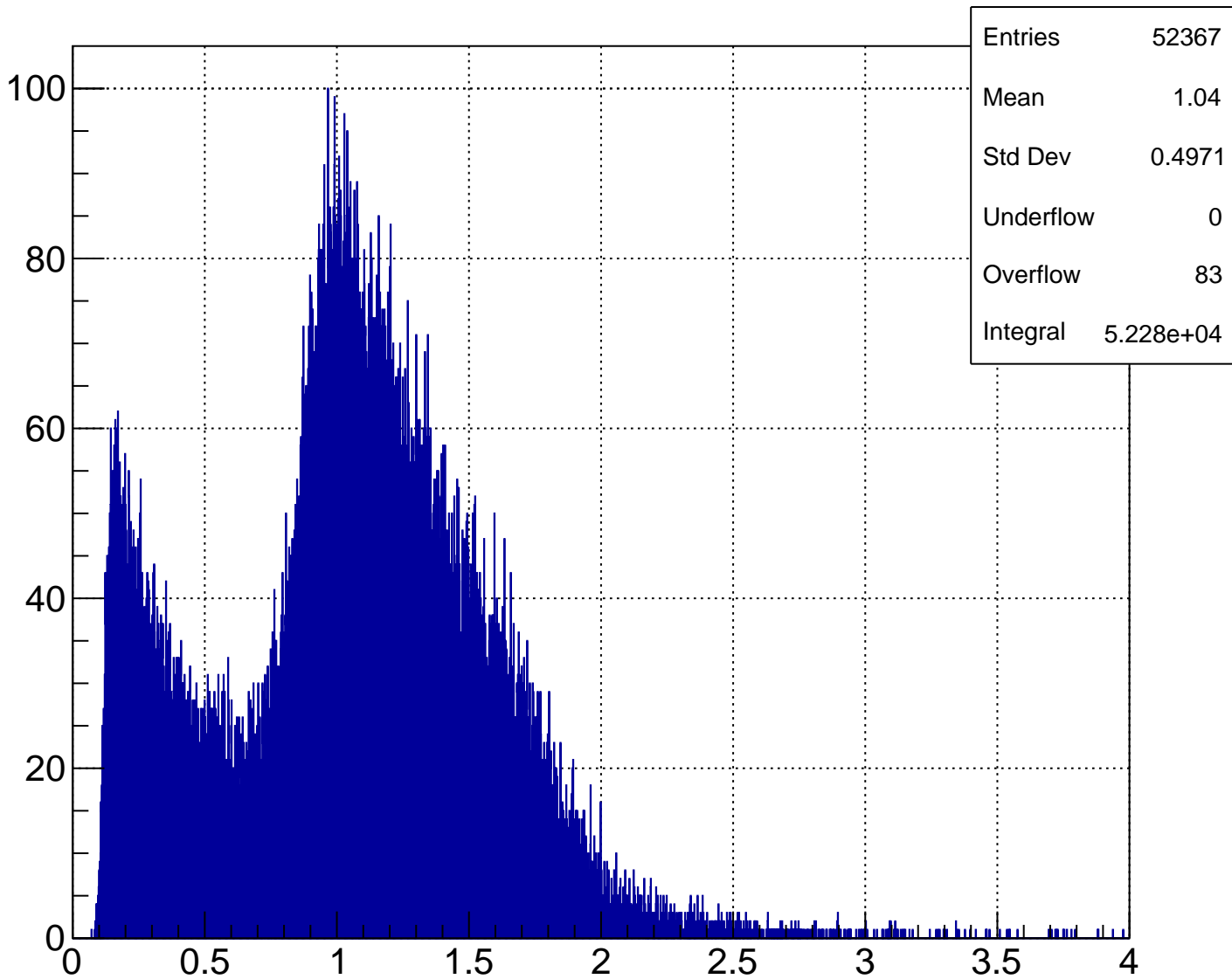
# TOFDMIPSC\_1



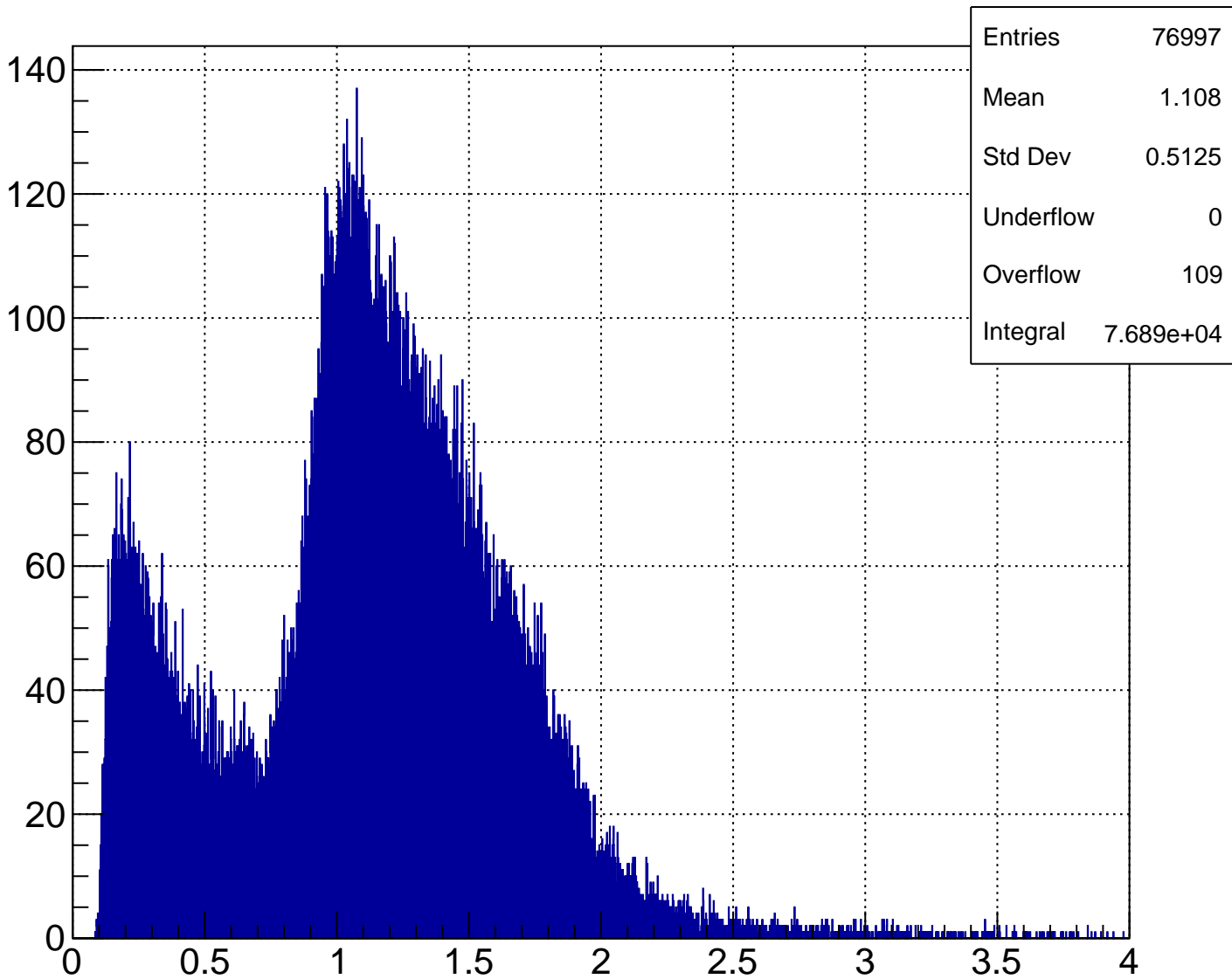
# TOFDMIPSC\_2



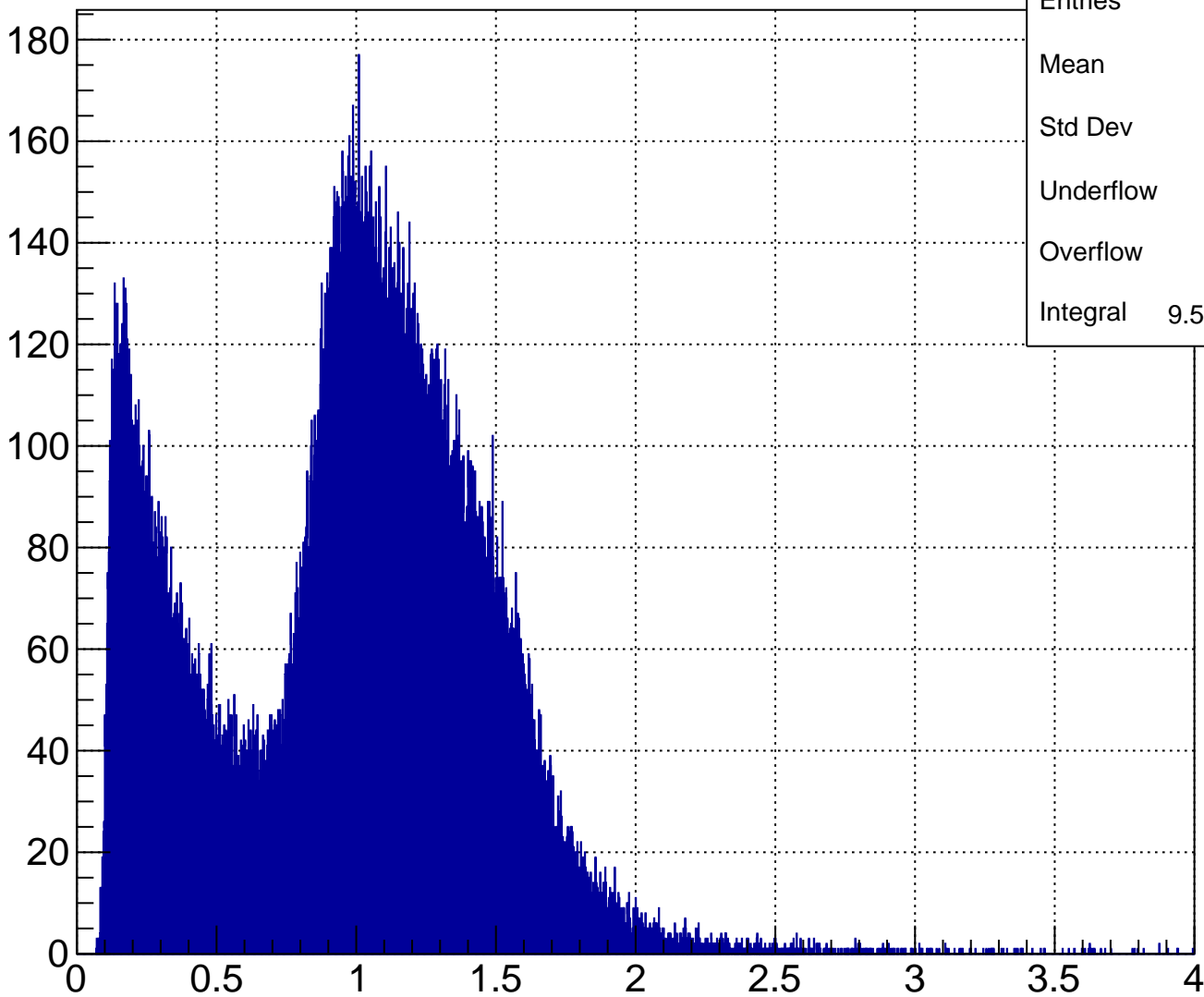
# TOFDMIPSC\_3



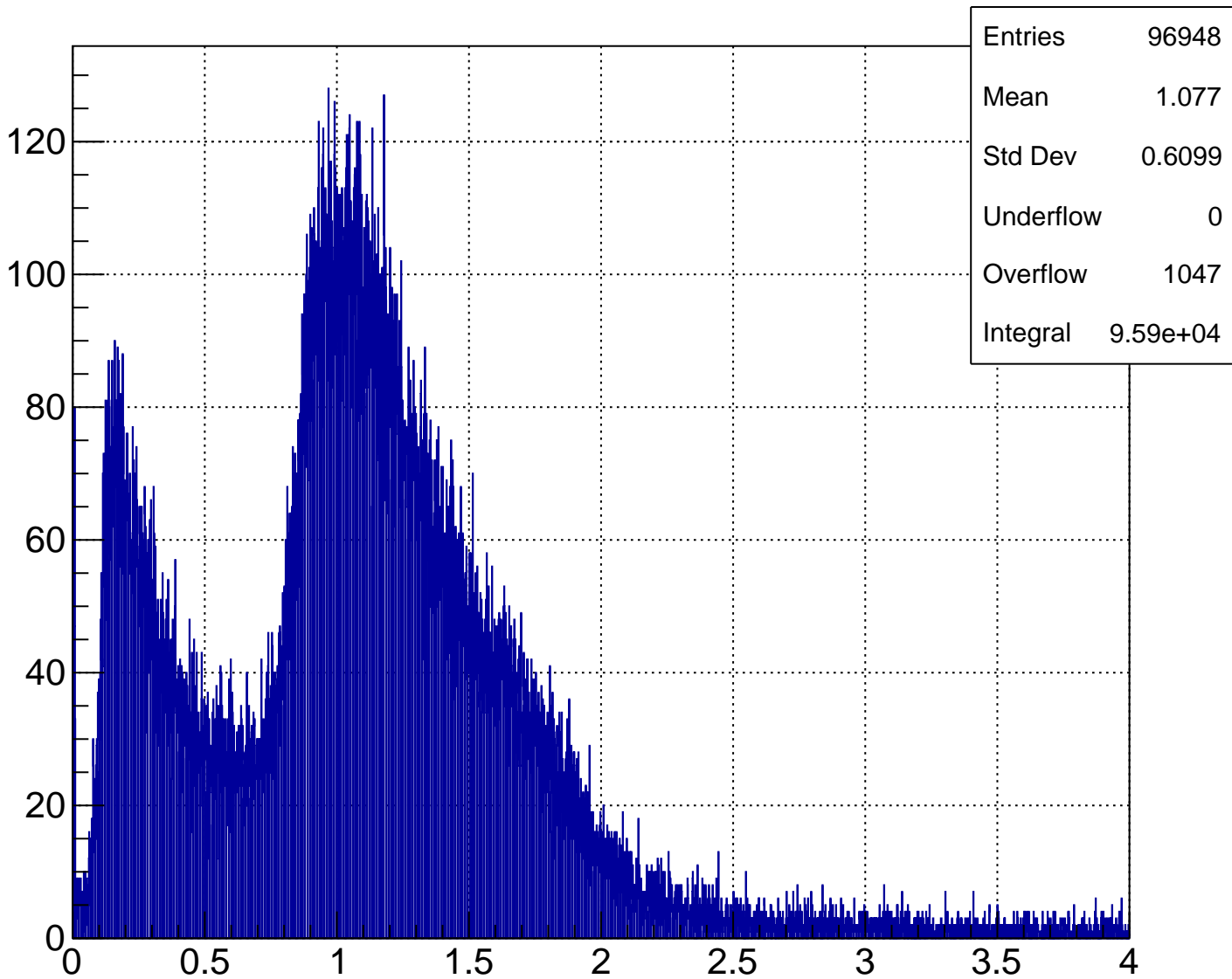
# TOFDMIPSC\_4



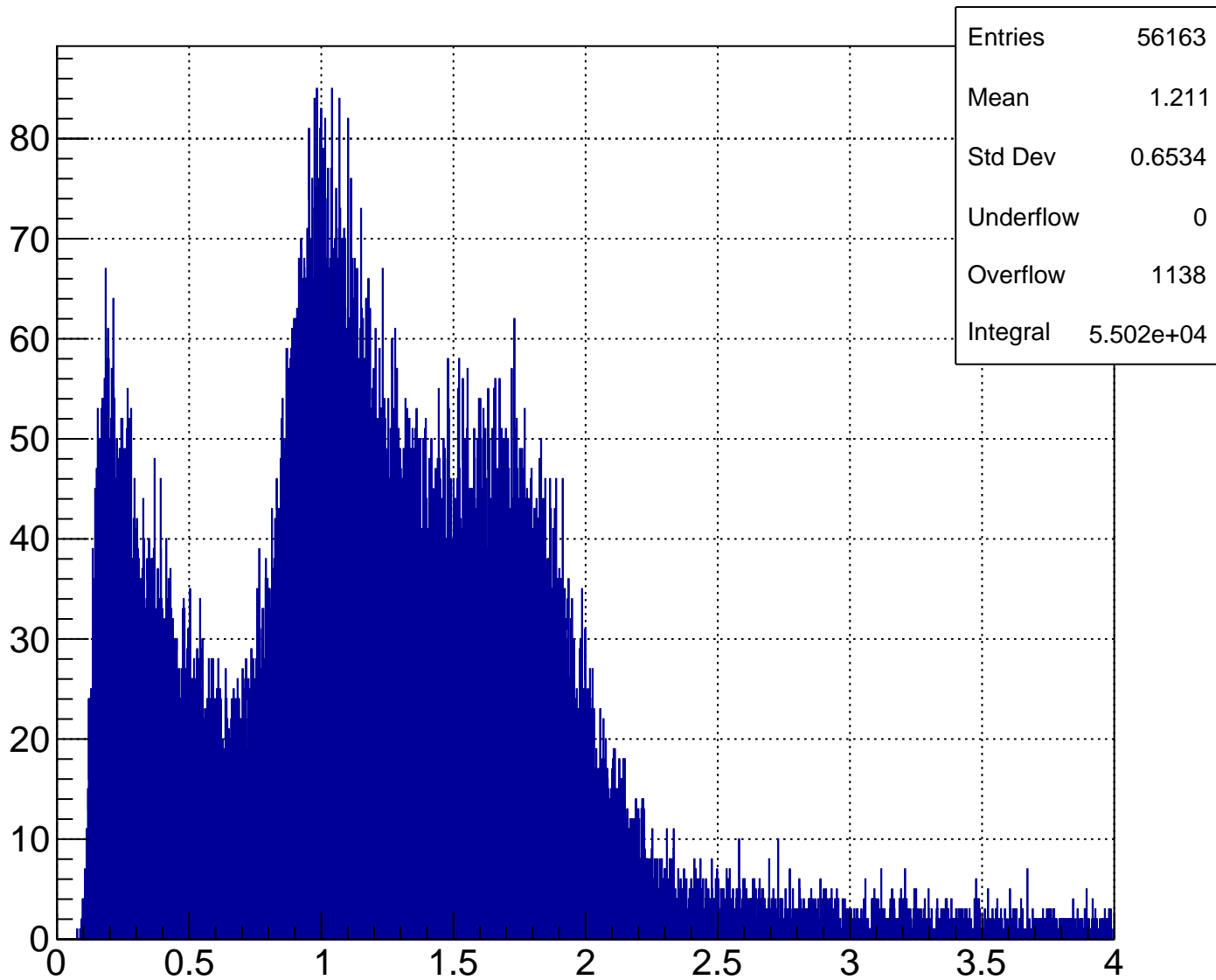
# TOFDMIPSC\_5



# TOFDMIPSC\_6

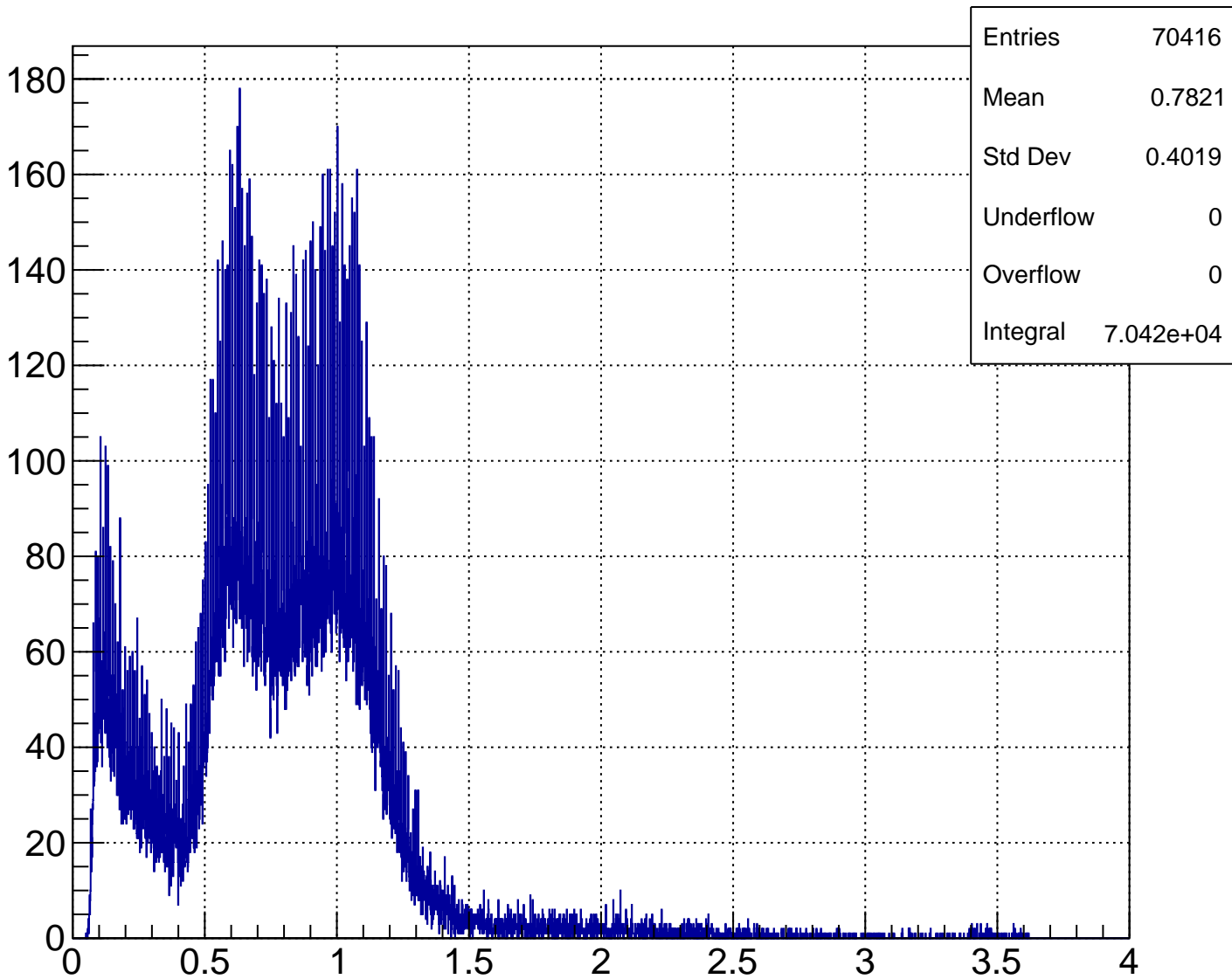


# TOFDMIPSC\_7

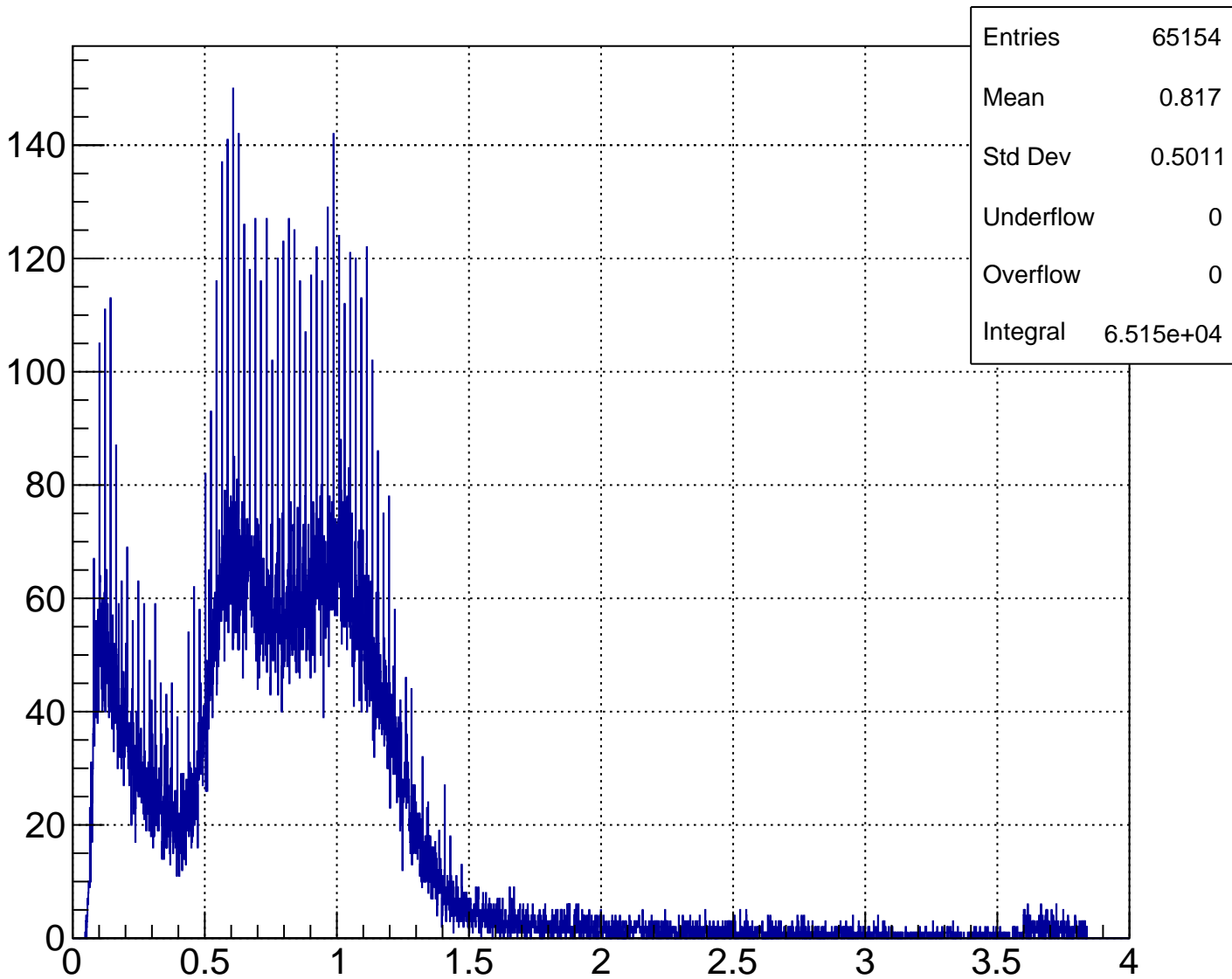




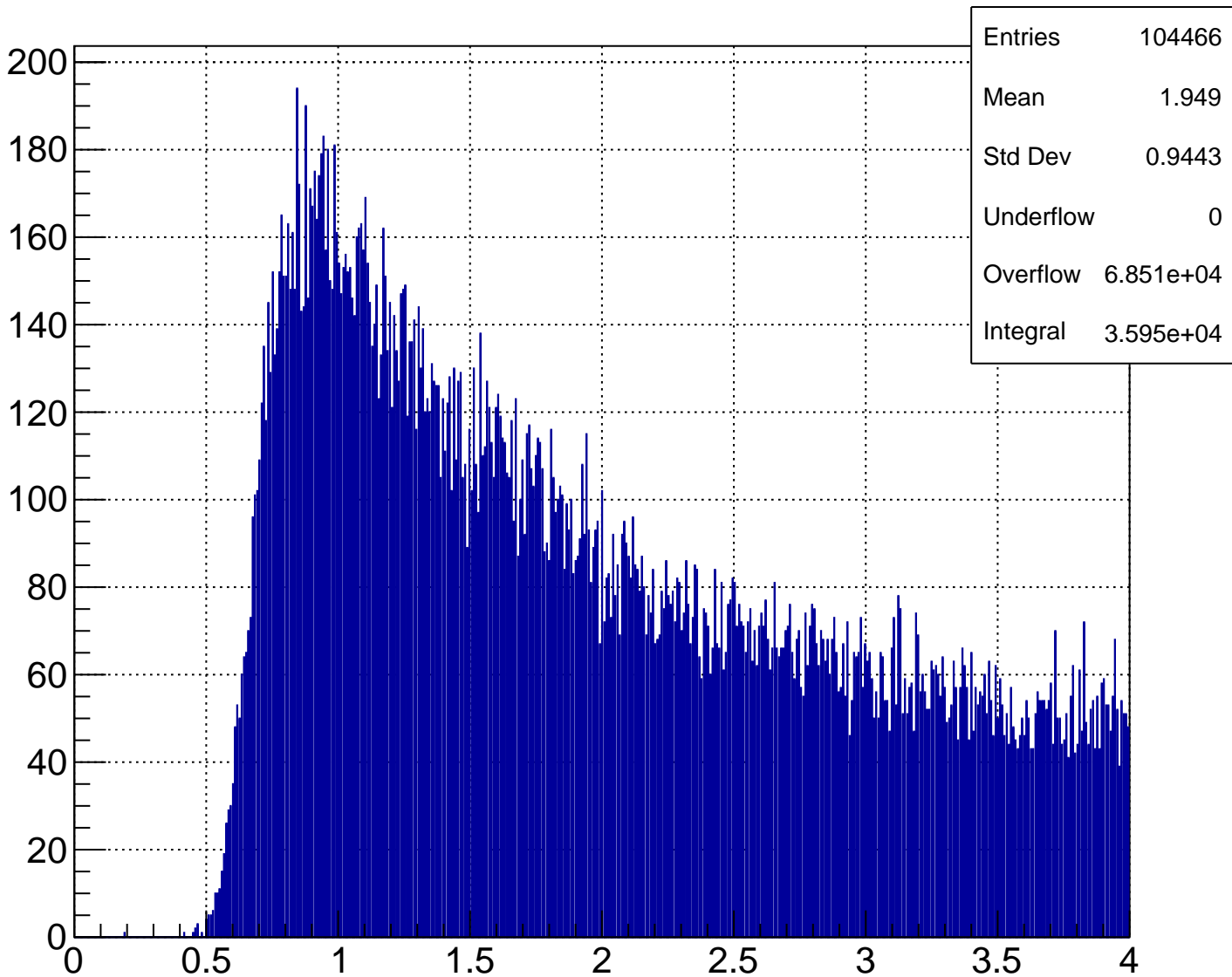
# TOFDMIPSC\_8



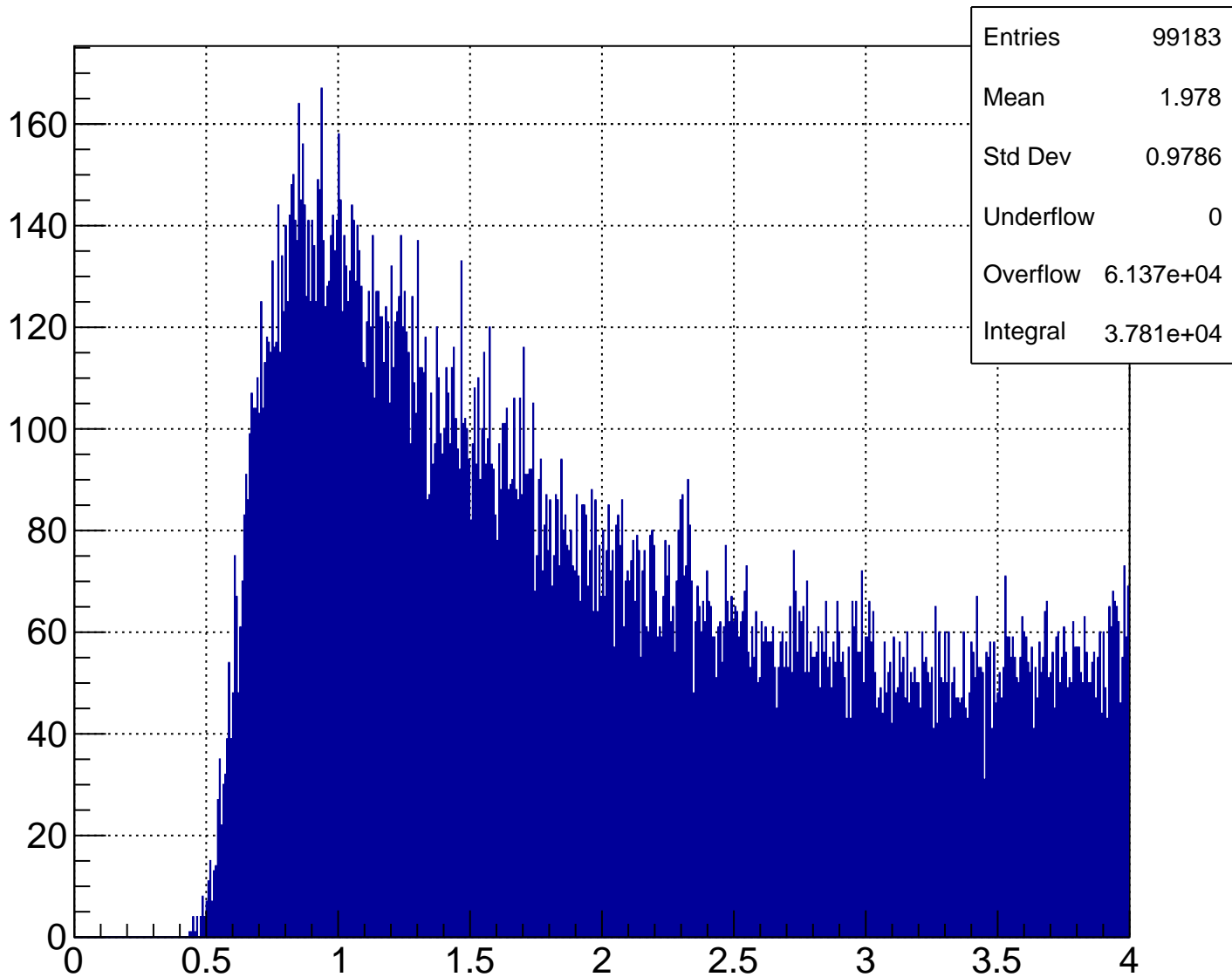
# TOFDMIPSC\_9



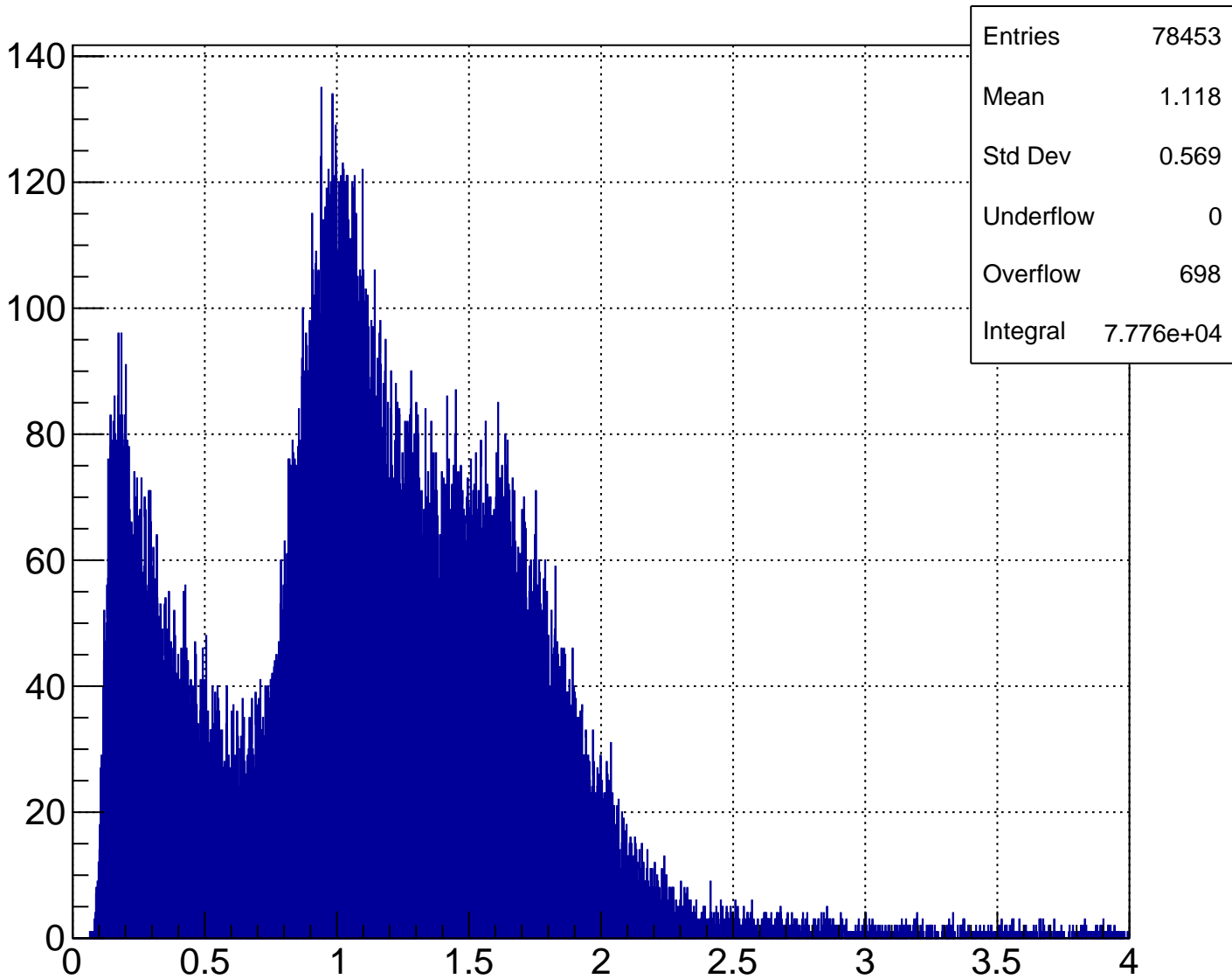
# TOFDMIPSC\_10



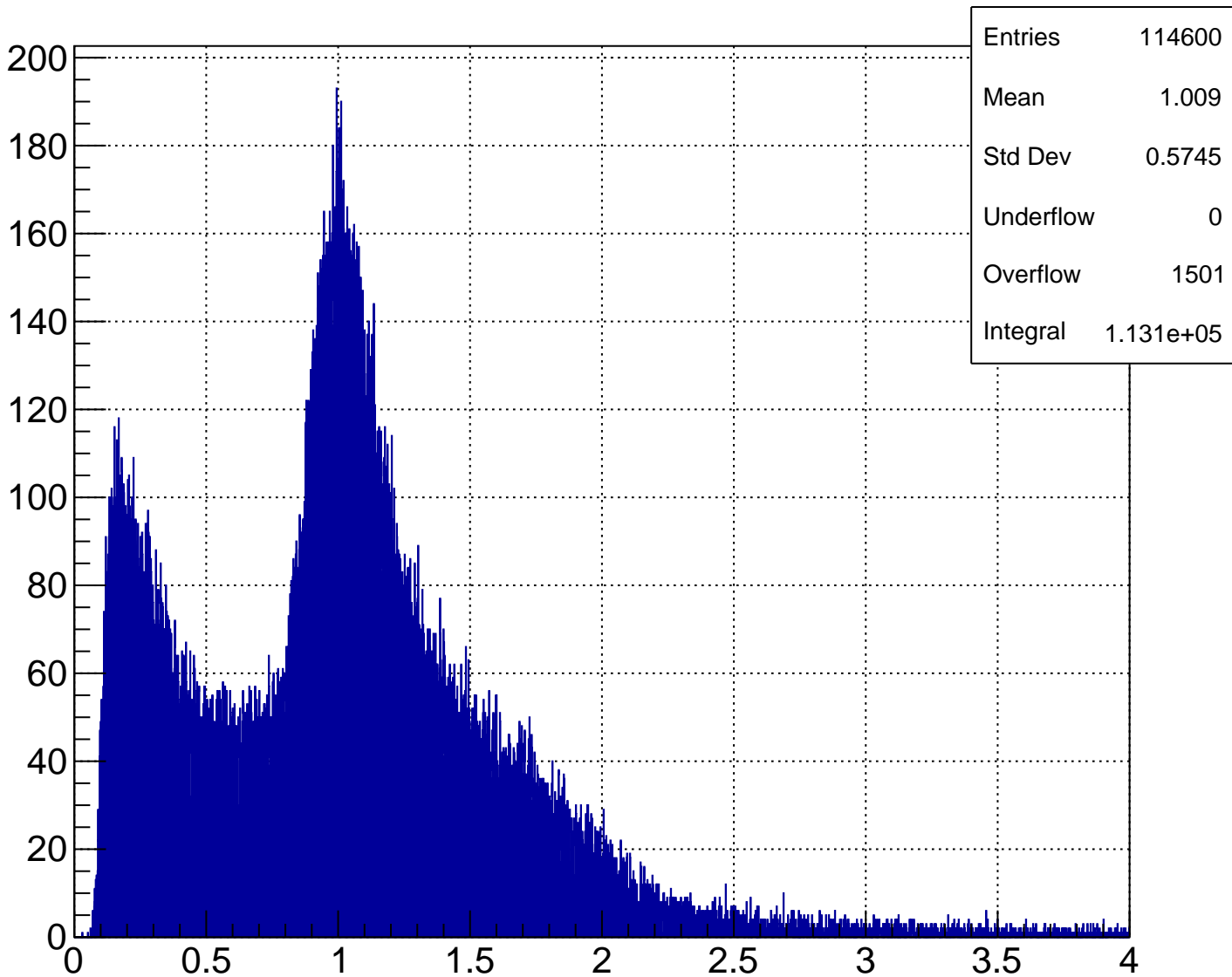
# TOFDMIPSC\_11



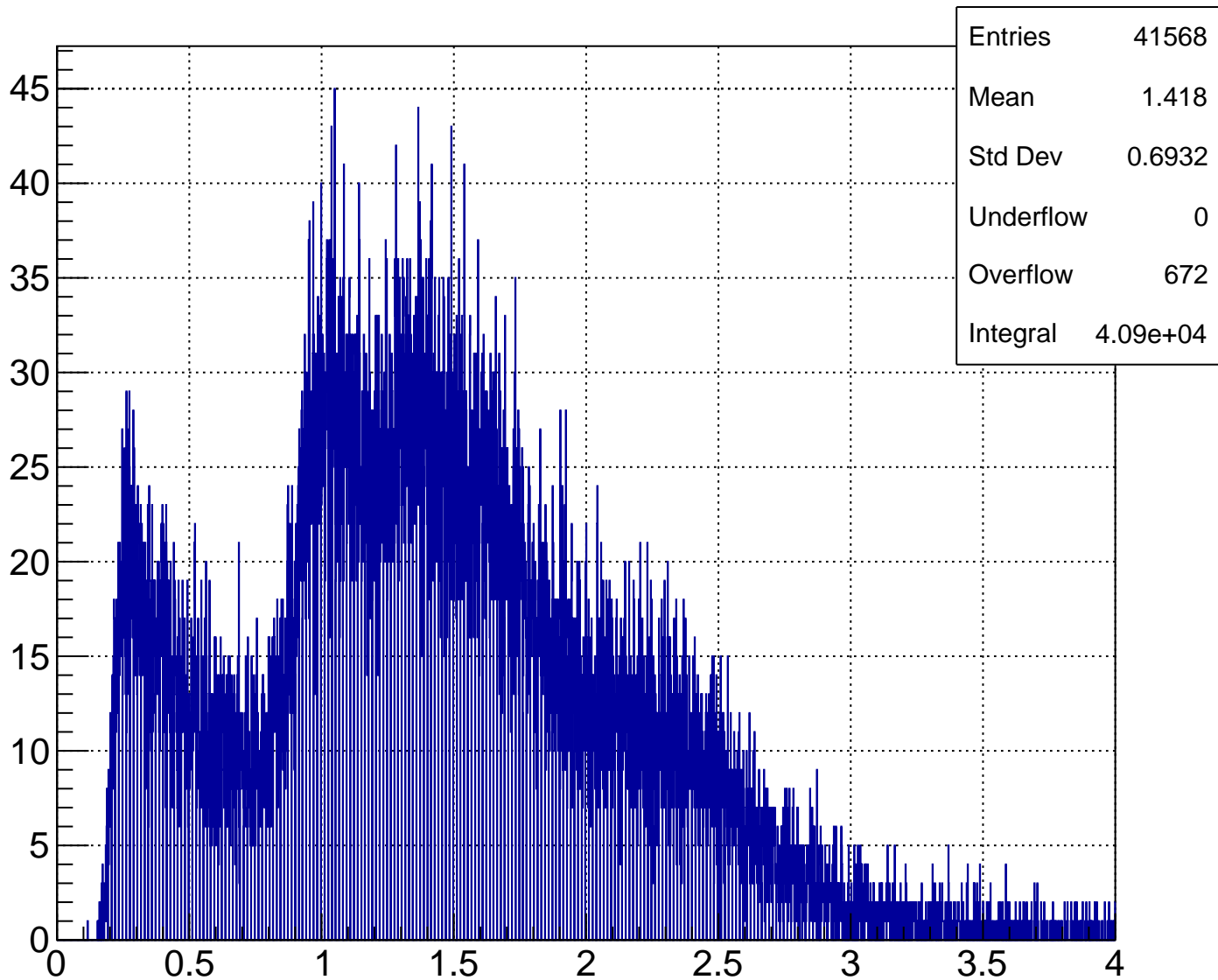
# TOFDMIPSC\_12



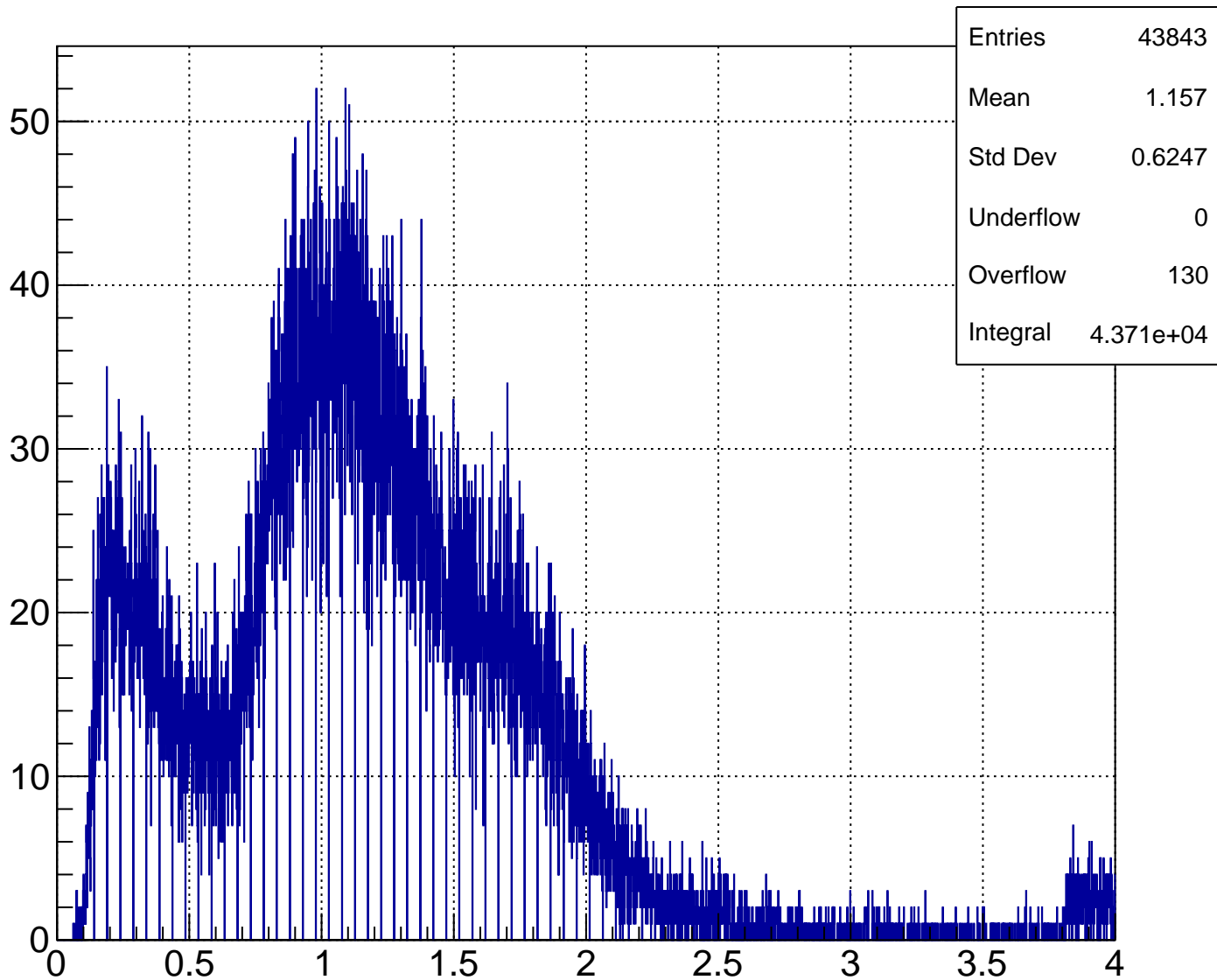
# TOFDMIPSC\_13



# TOFDMIPSC\_14

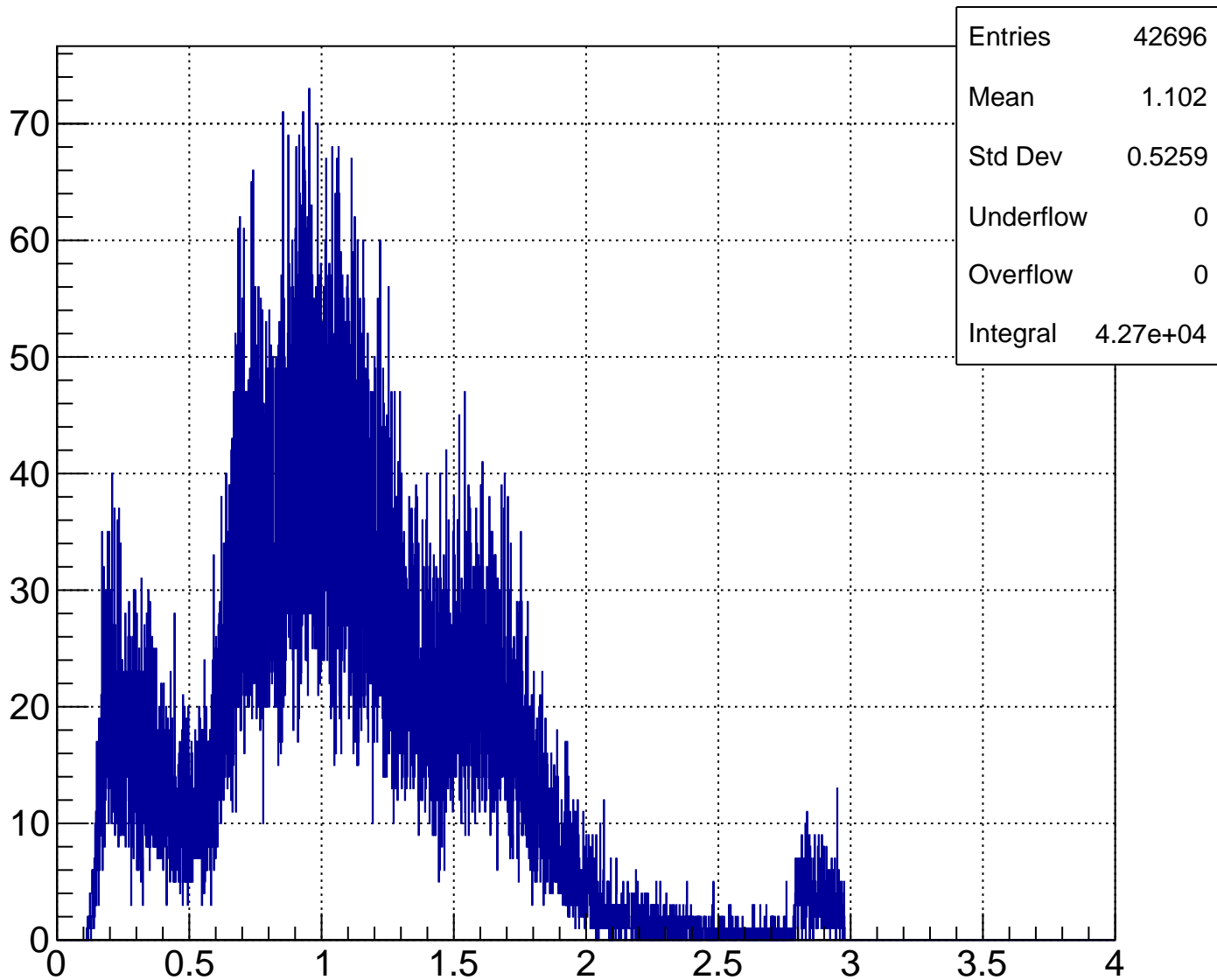


# TOFDMIPSC\_15

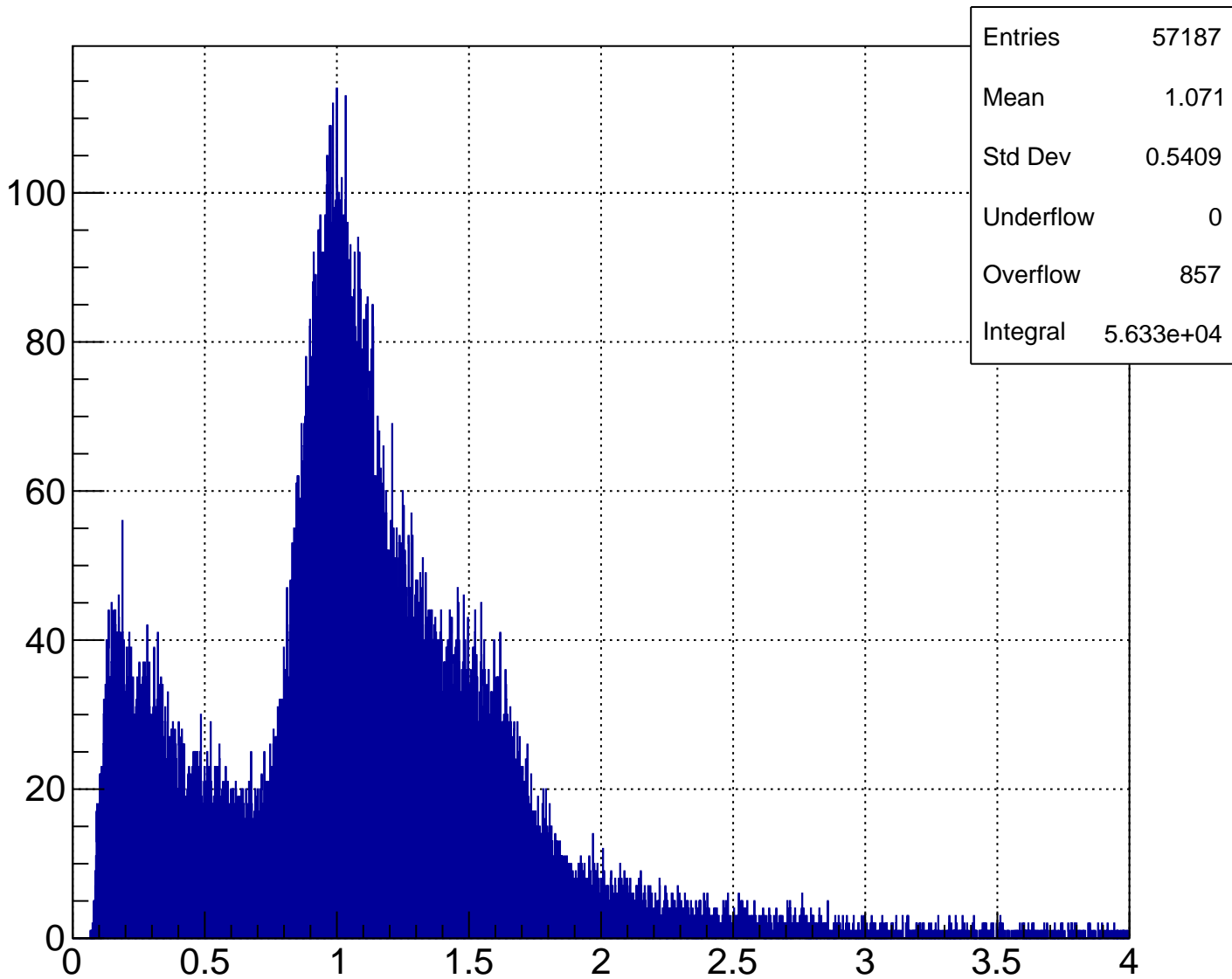




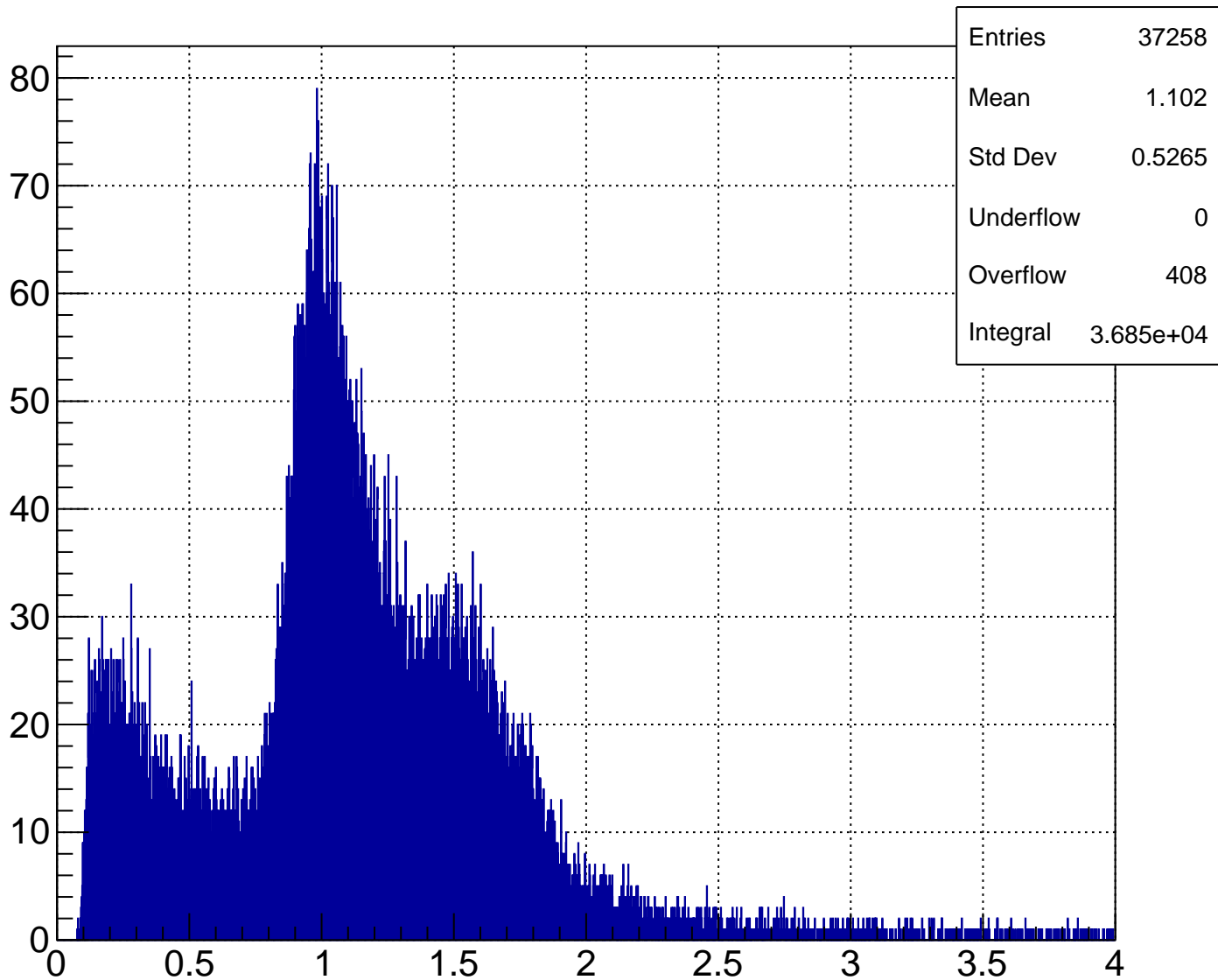
# TOFDMIPSC\_16



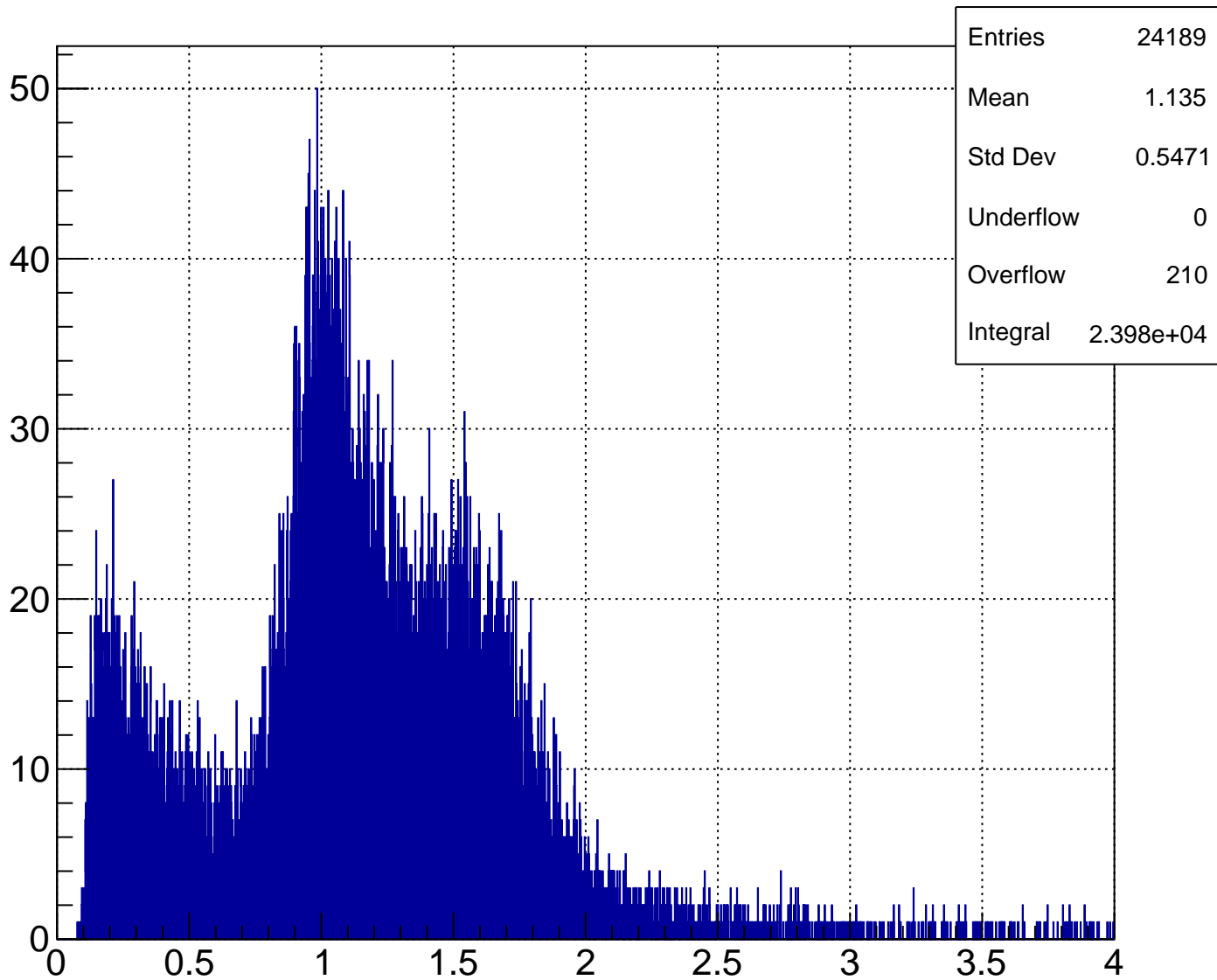
# TOFDMIPSC\_17



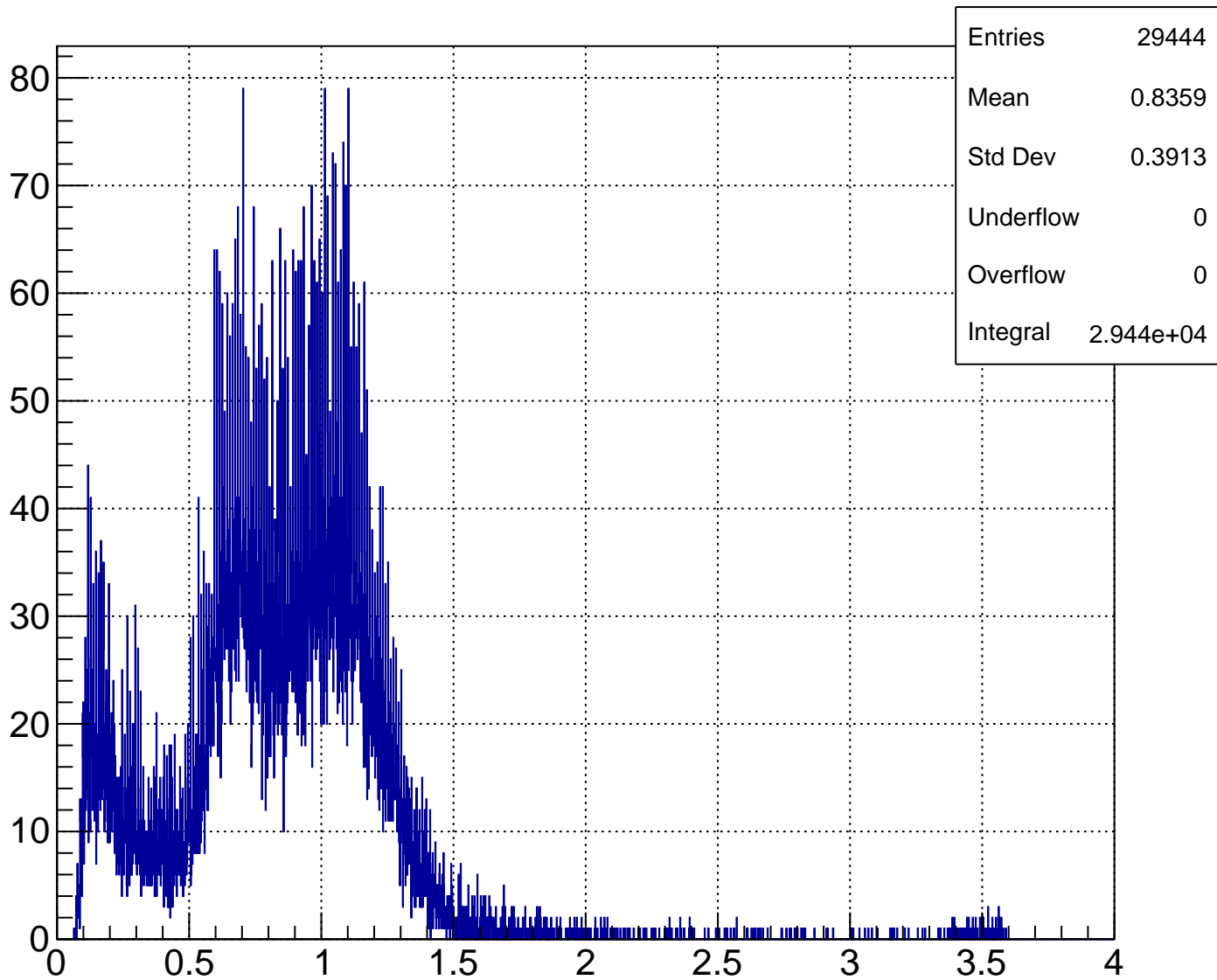
# TOFDMIPSC\_18



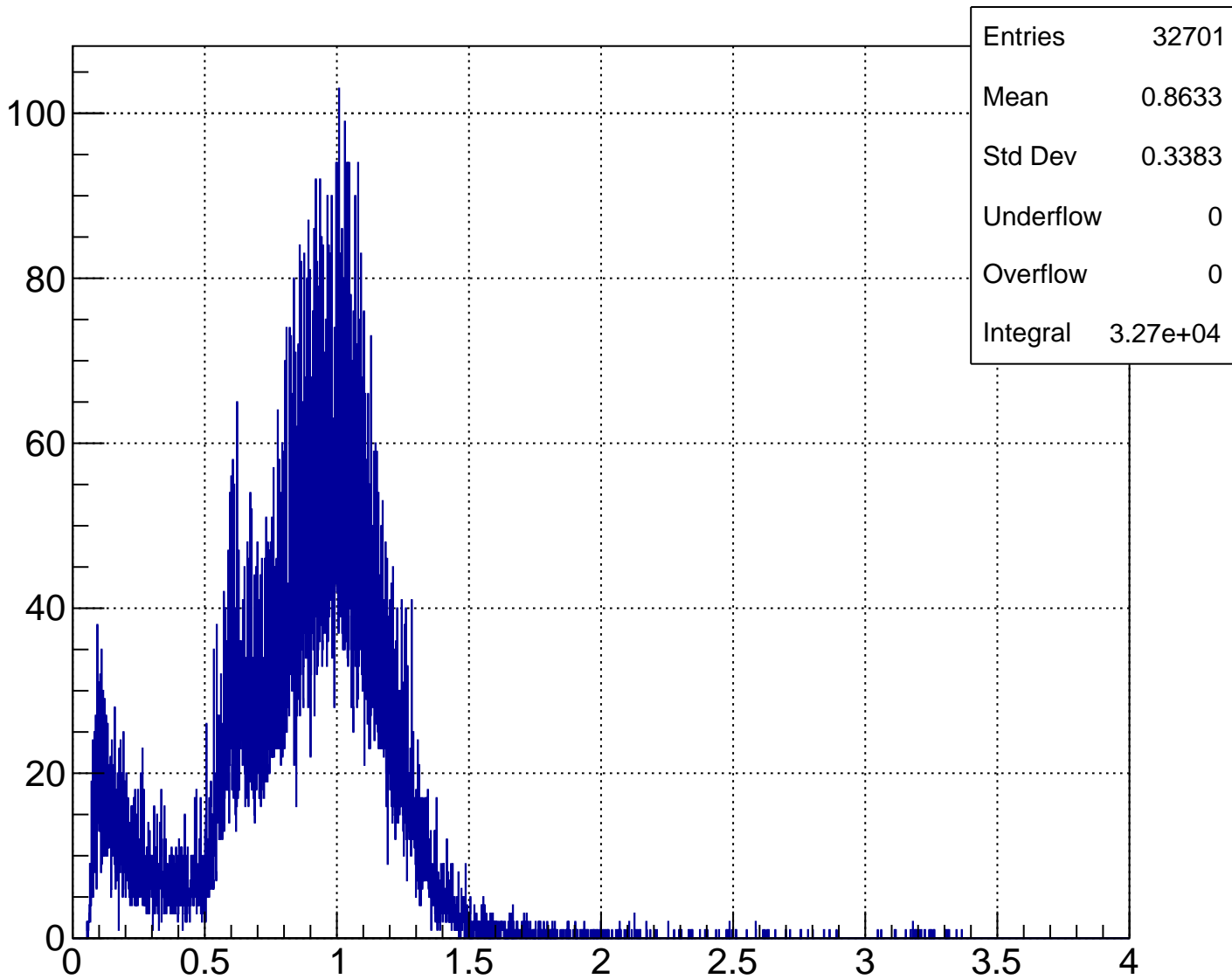
# TOFDMIPSC\_19



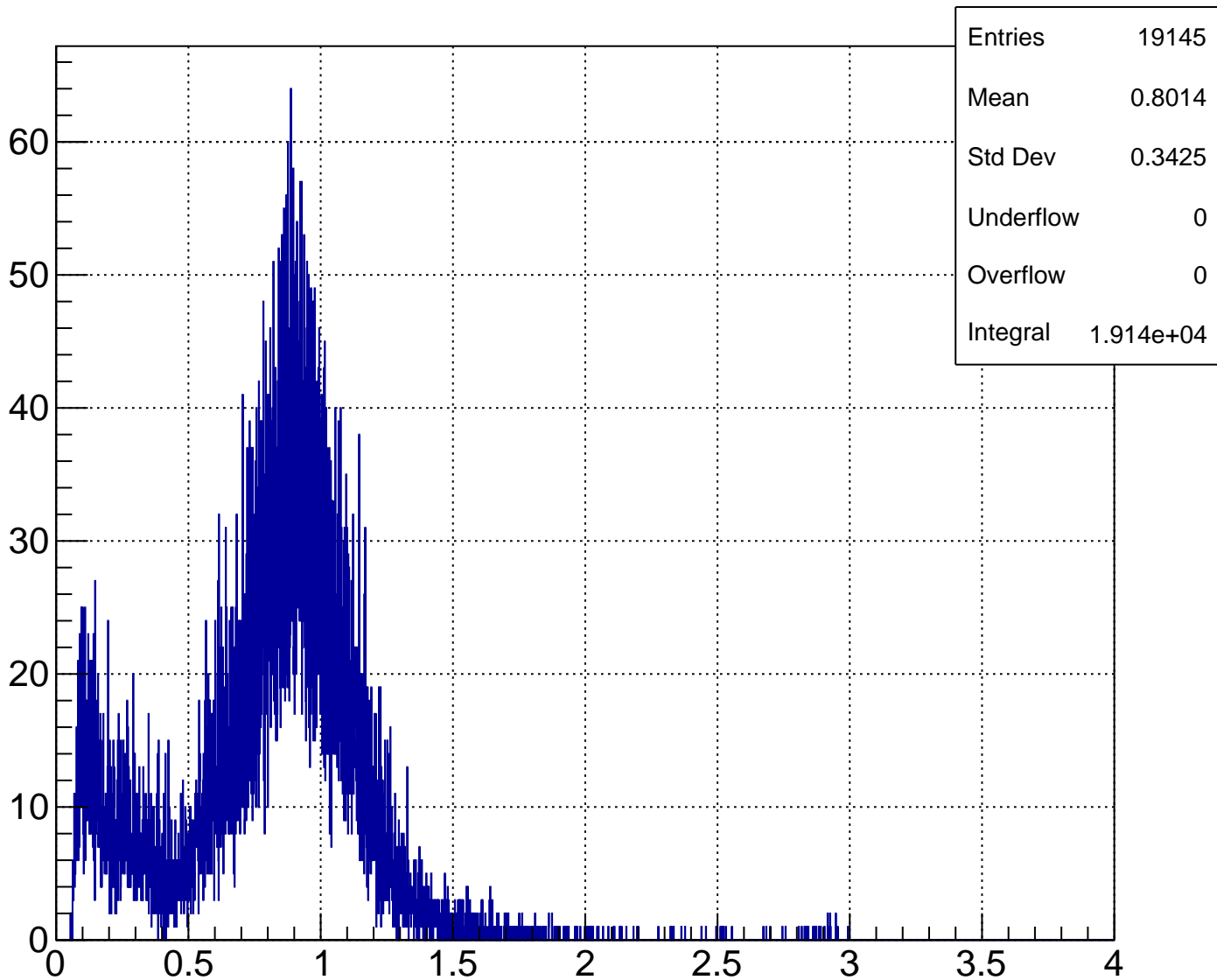
# TOFDMIPSC\_20



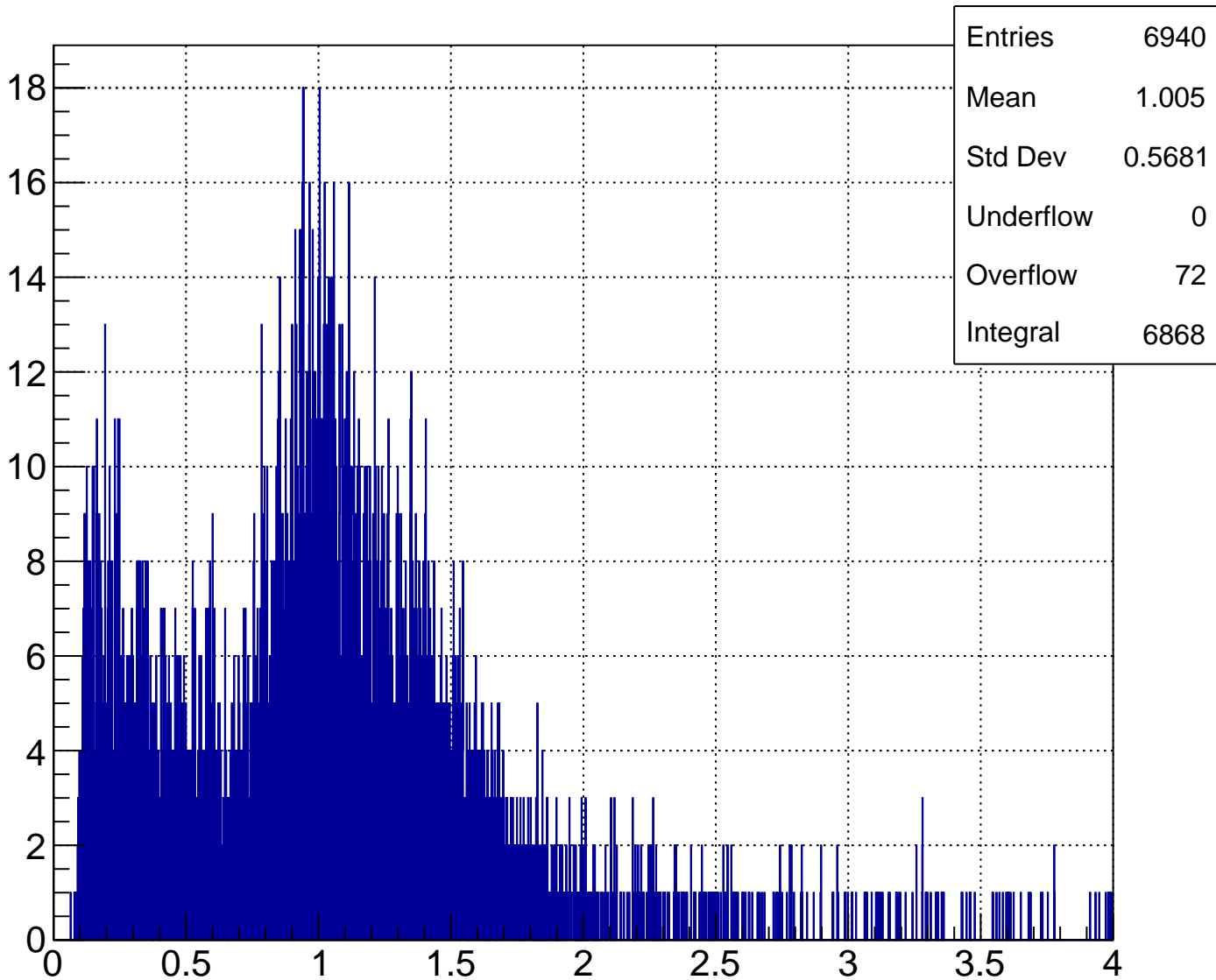
# TOFDMIPSC\_21



# TOFDMIPSC\_22

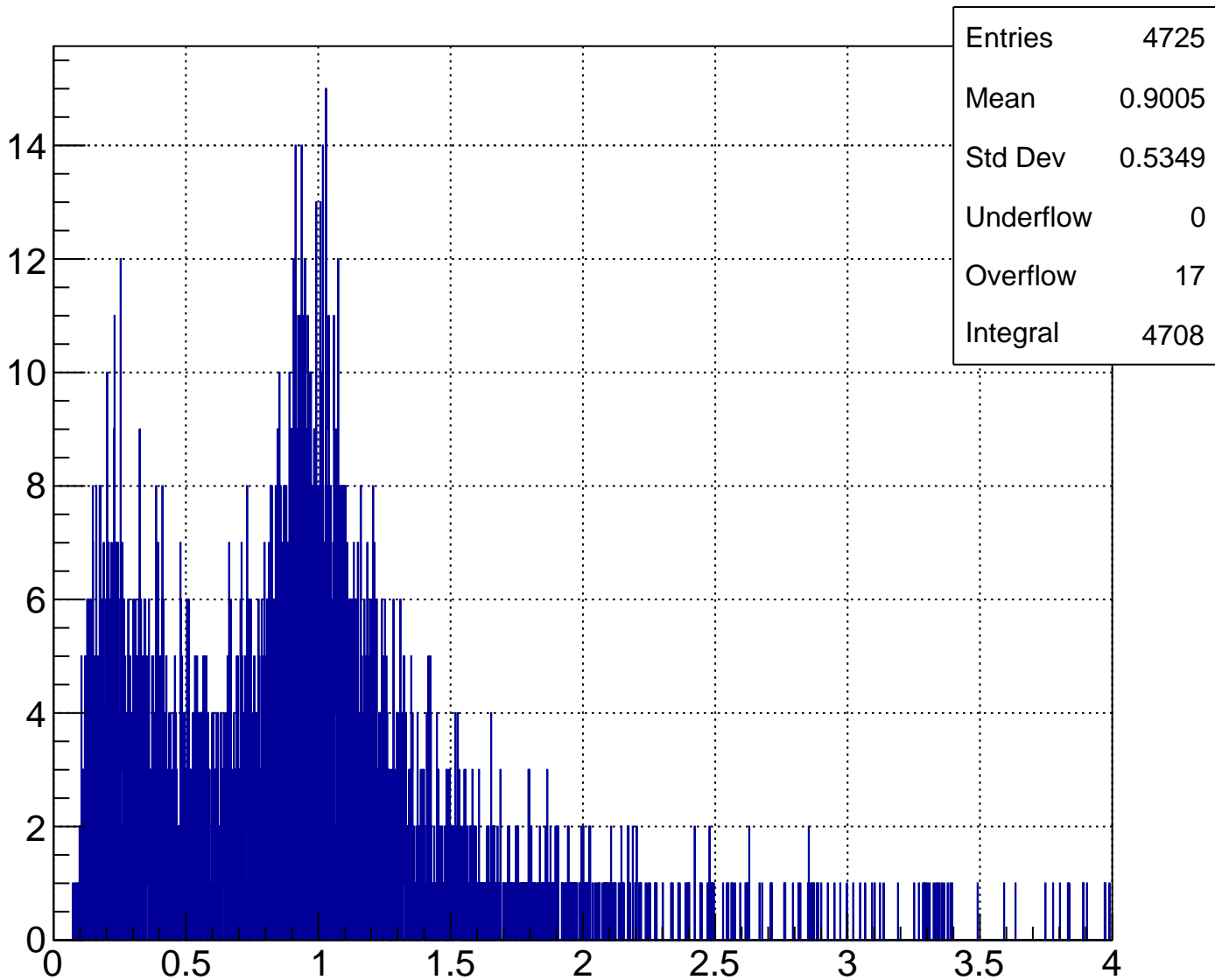


# TOFDMIPSC\_23

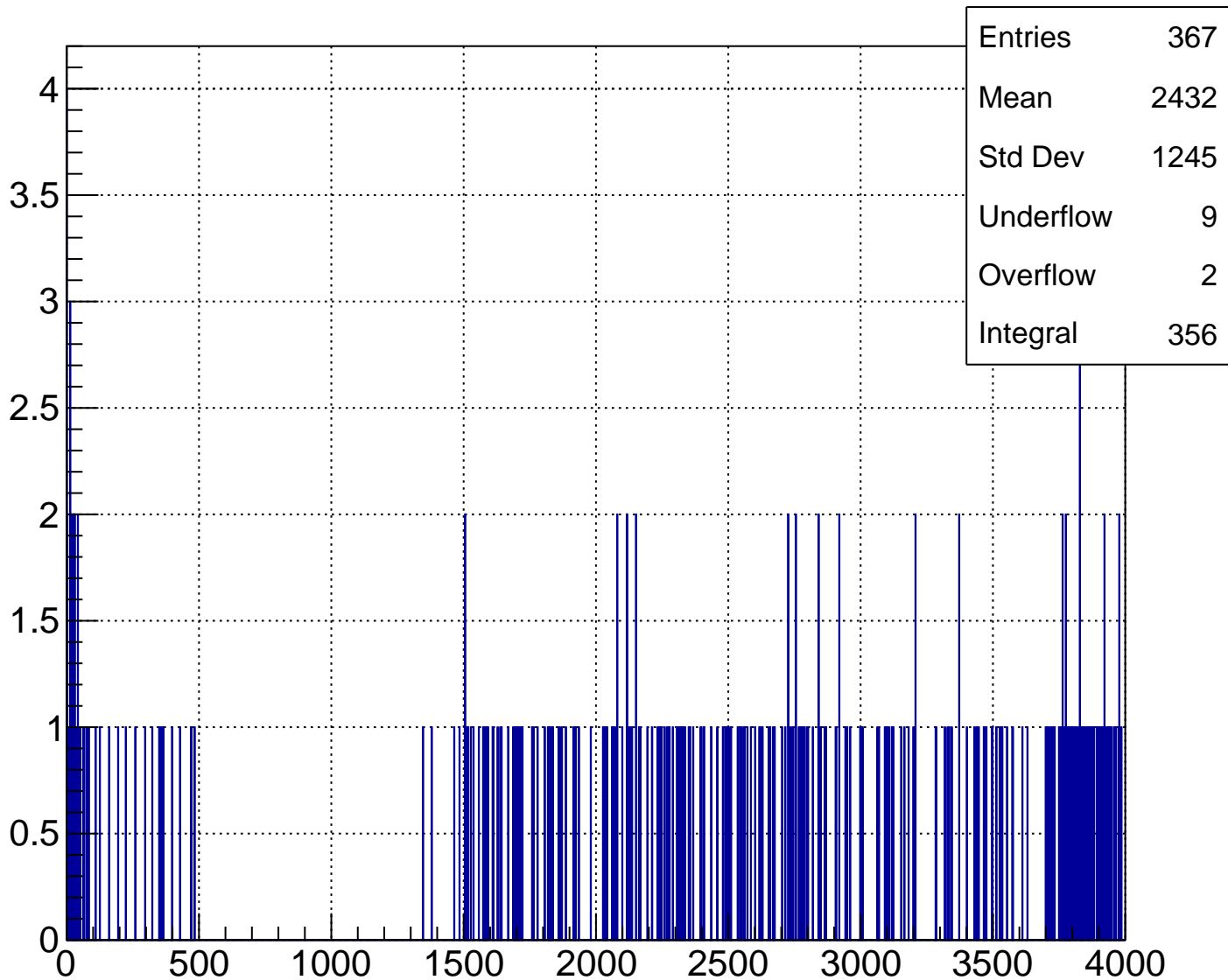




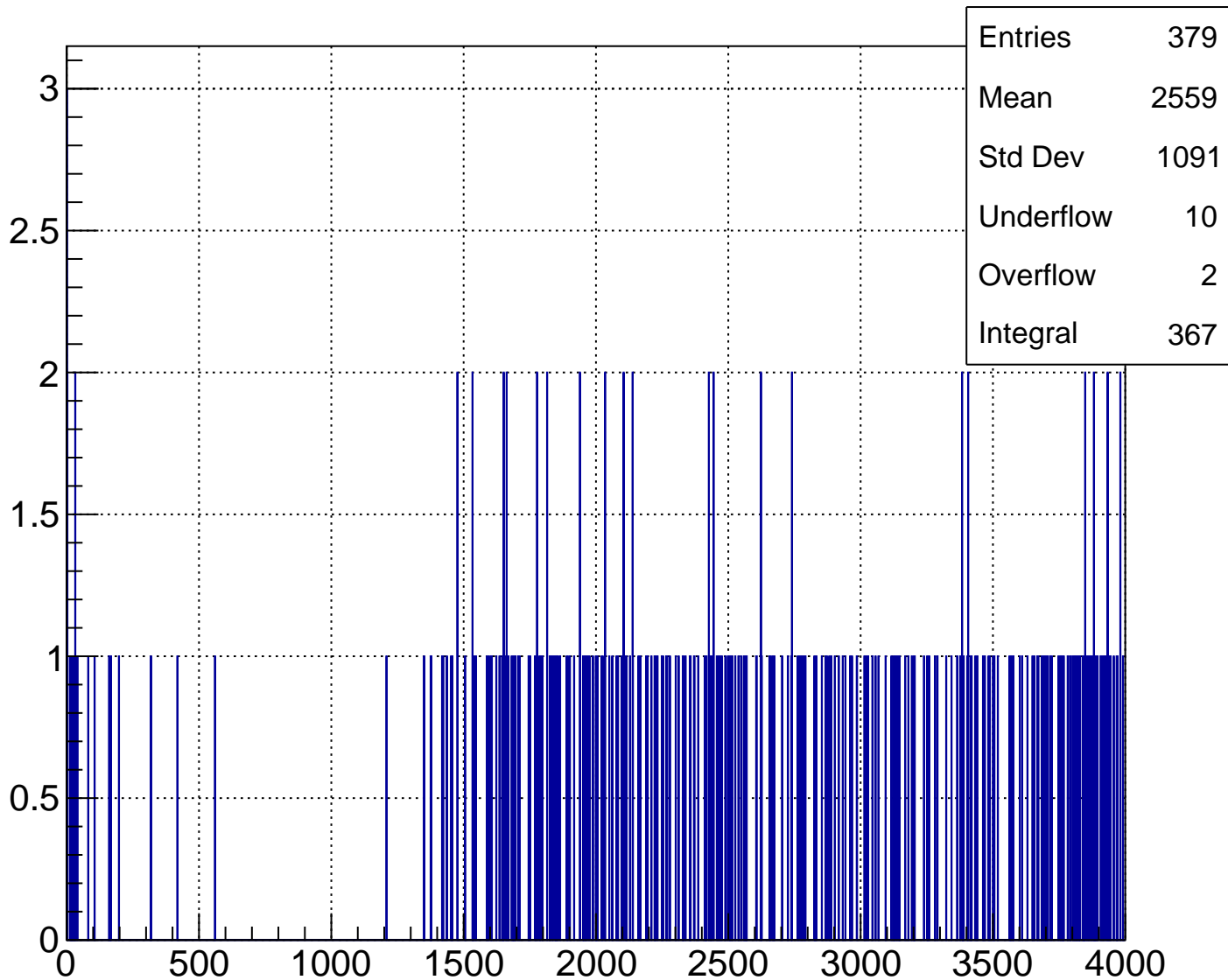
# TOFDMIPSC\_24



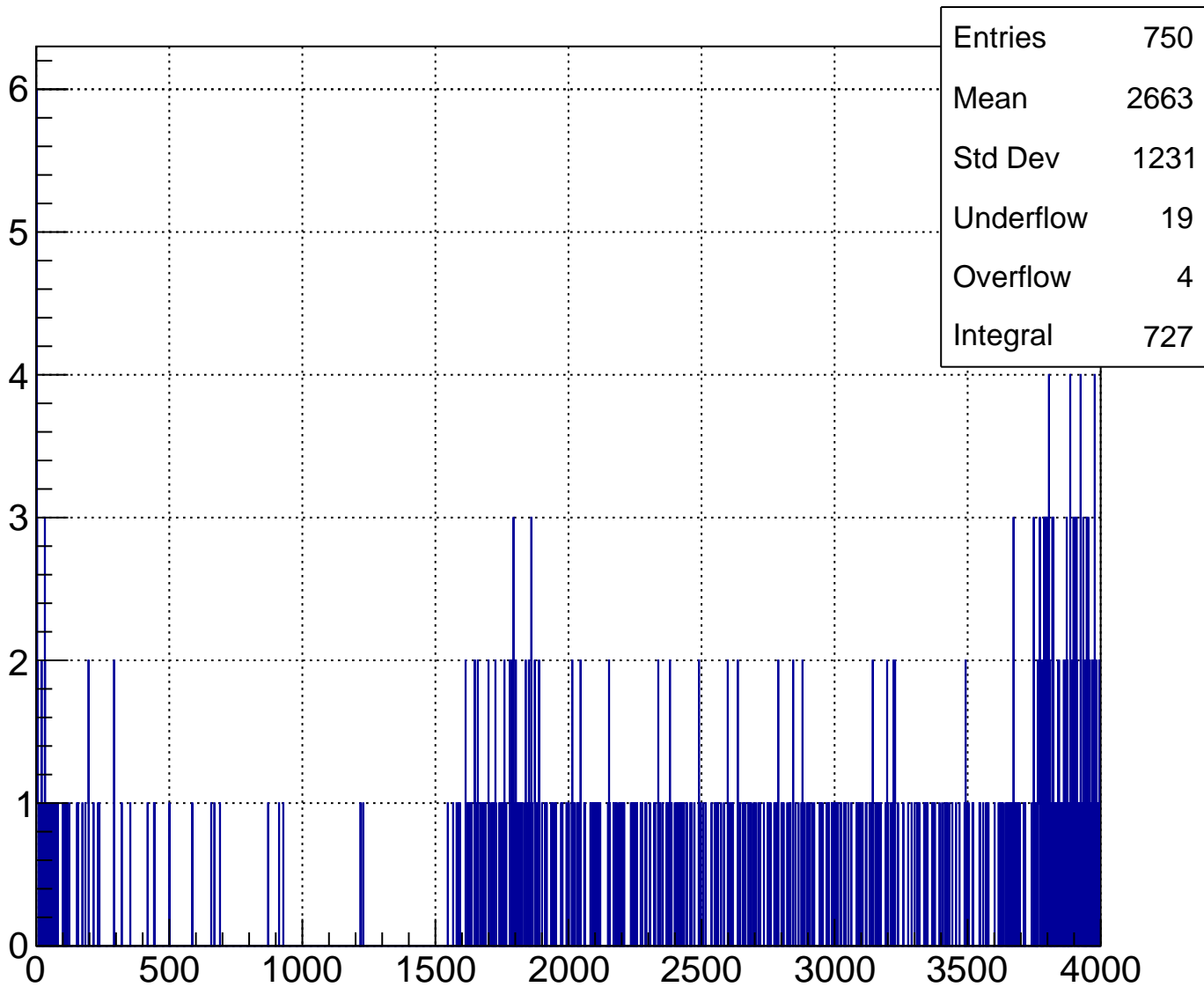
# TOF-HT TOF Seg(1,20) [ADC-Pede]



# TOF-HT TOF Seg(5,22) [ADC-Pede]

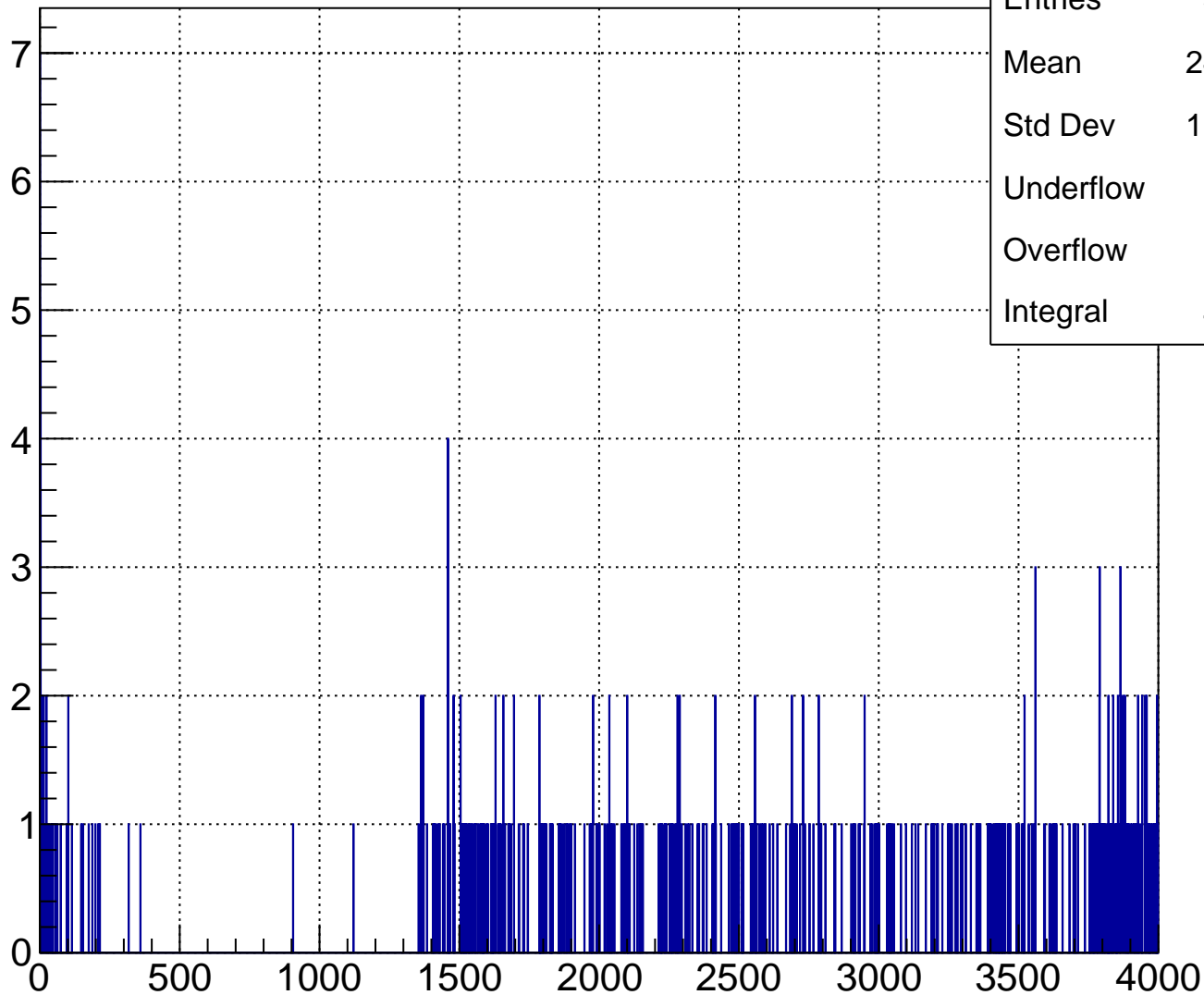


# TOF-HT TOF Seg18 [ADC-Pede]



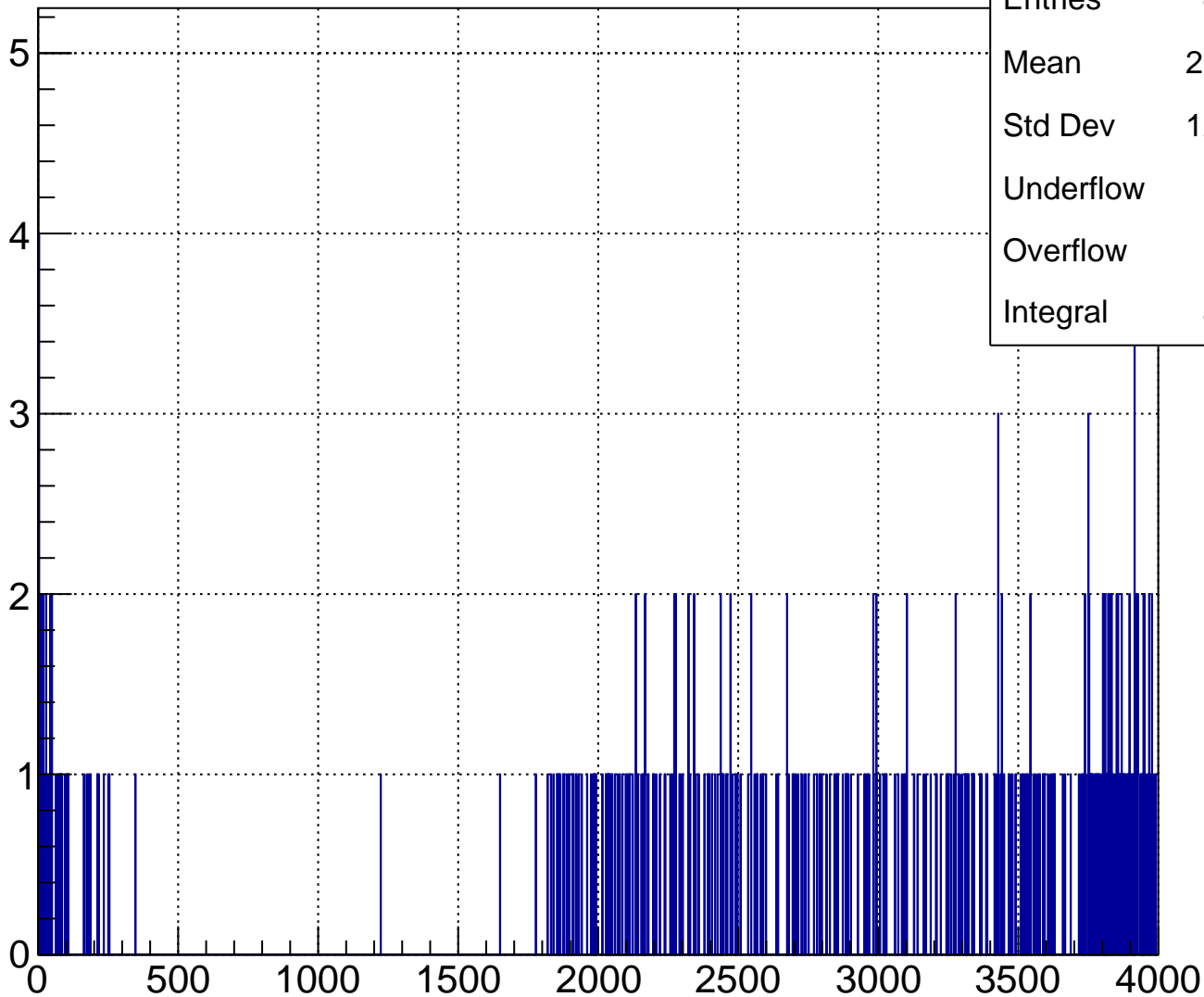
# TOF-HT TOF Seg(4,10) [ADC-Pede]

Entries	505
Mean	2410
Std Dev	1175
Underflow	18
Overflow	23
Integral	464

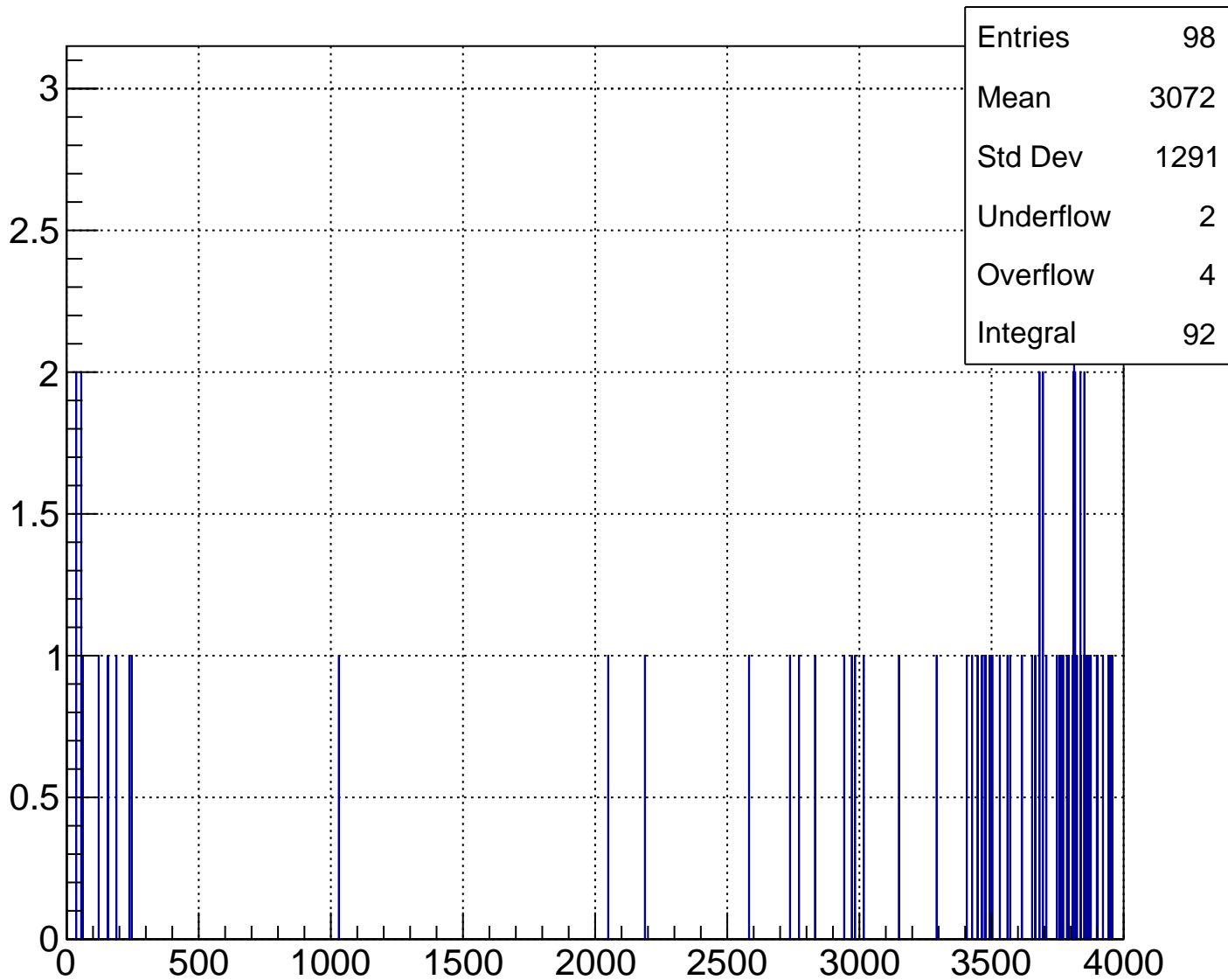


# TOF-HT TOF Seg(2,11) [ADC-Pede]

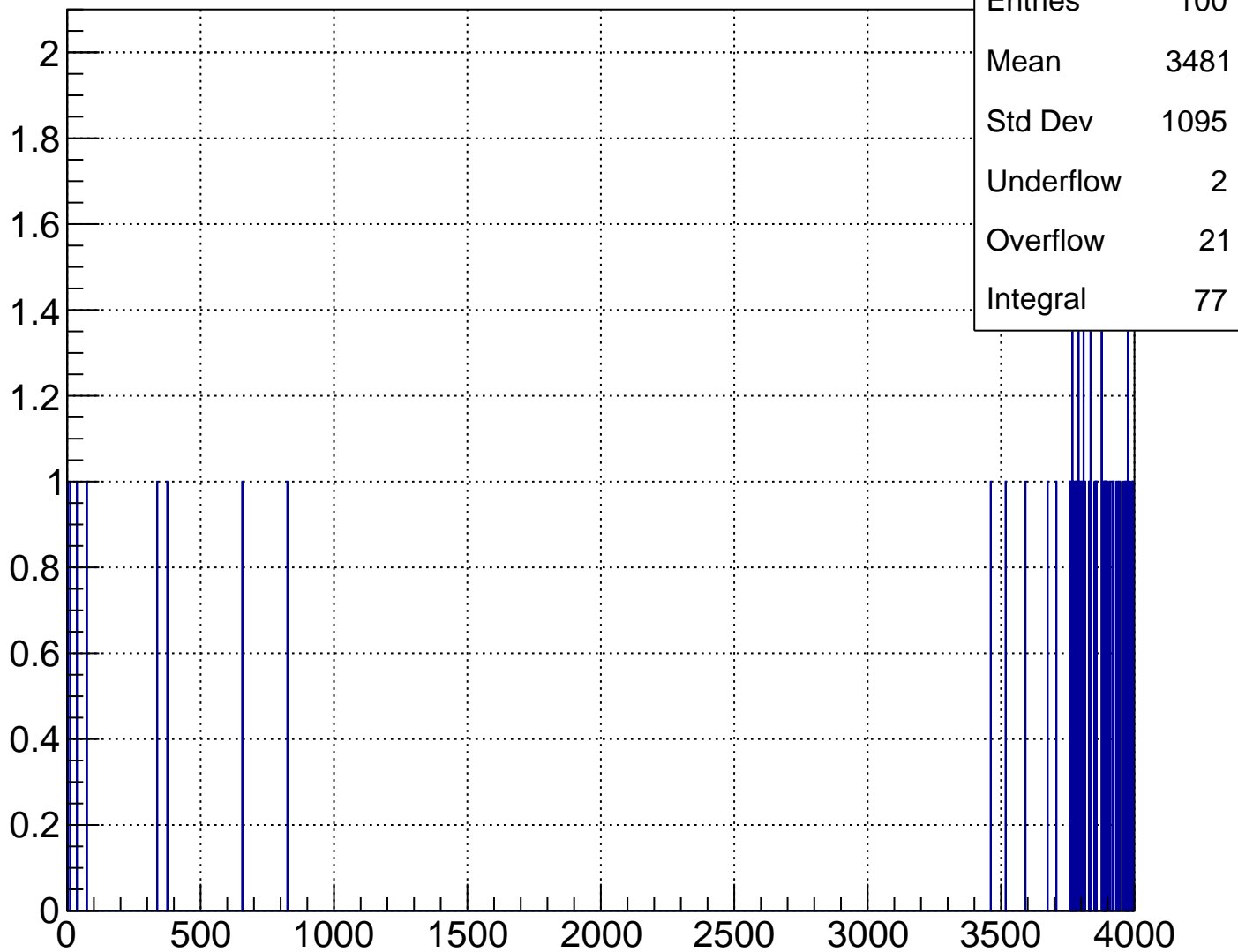
Entries	457
Mean	2667
Std Dev	1219
Underflow	18
Overflow	11
Integral	428



# TOF-HT TOF Seg(8,24) [ADC-Pede]

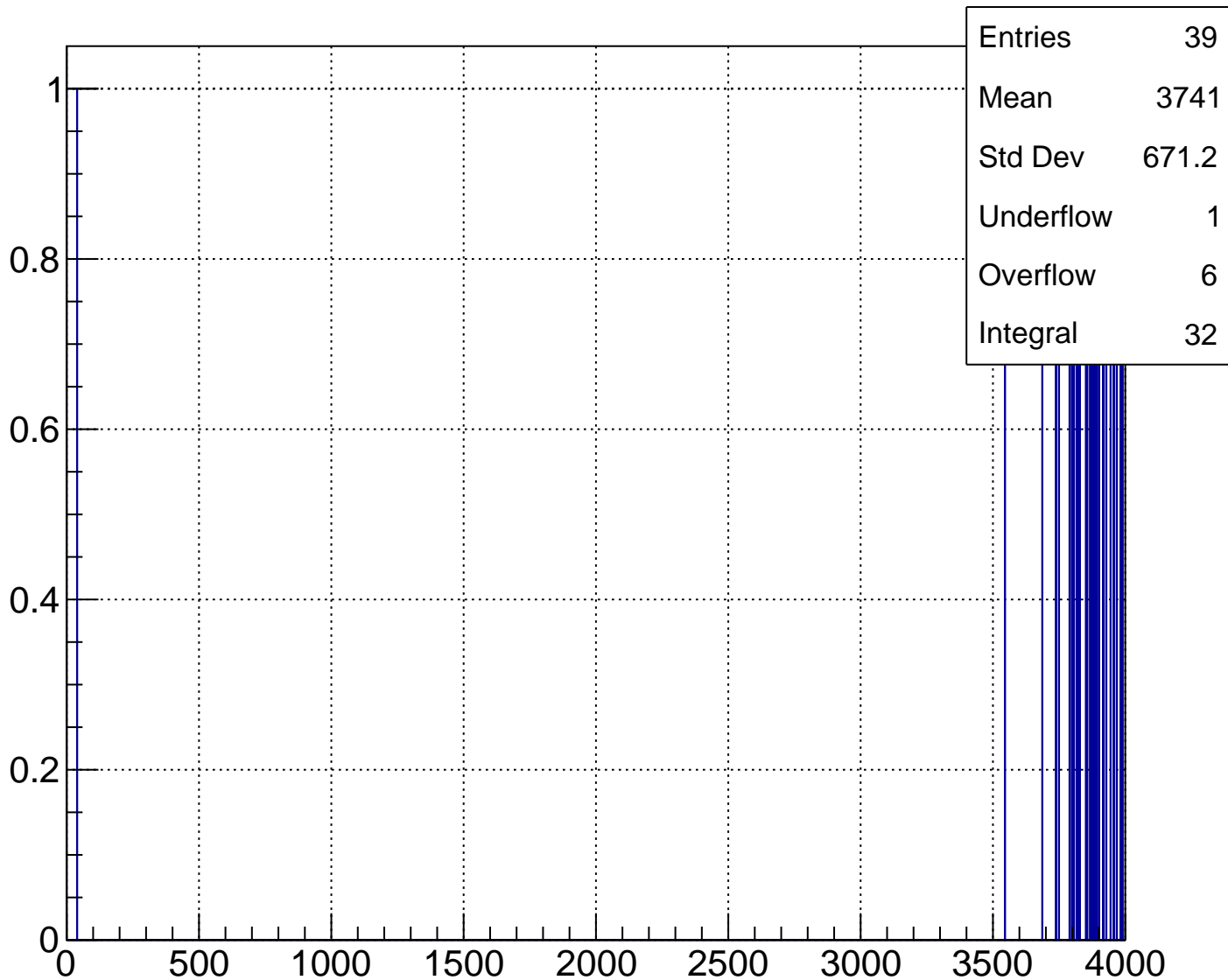


# TOF-HT TOF Seg(6,9) [ADC-Pede]

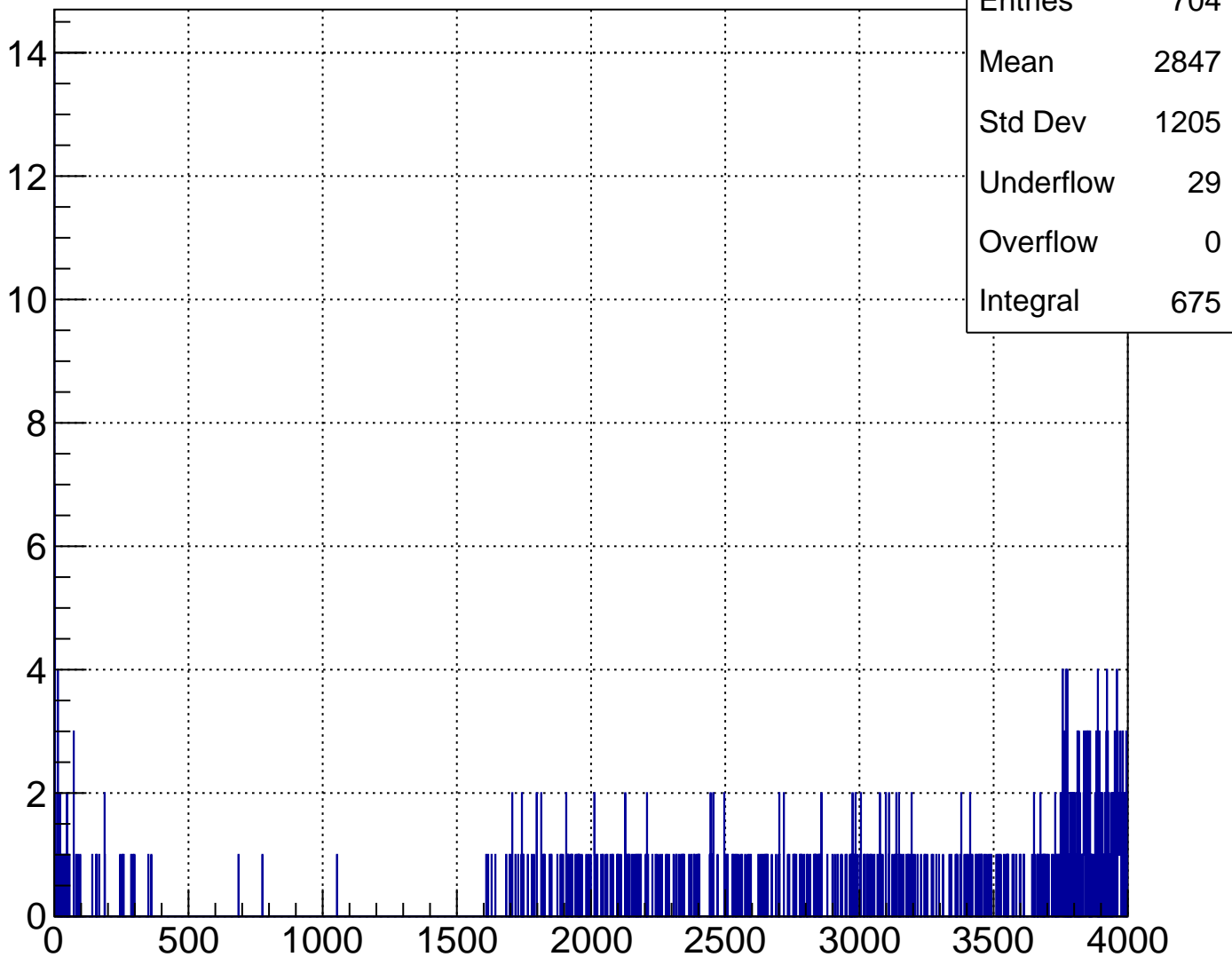




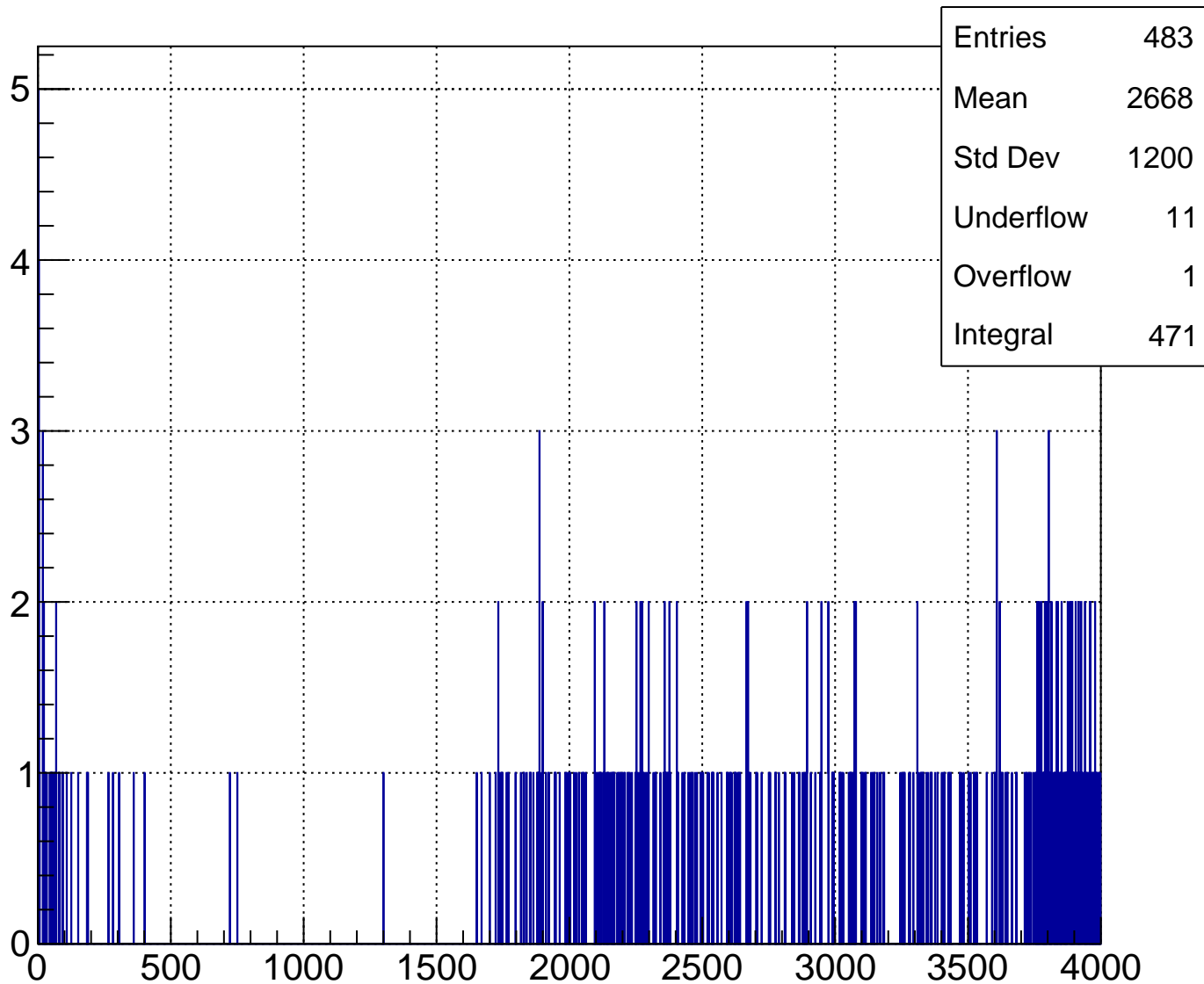
# TOF-HT TOF Seg(7,23) [ADC-Pede]



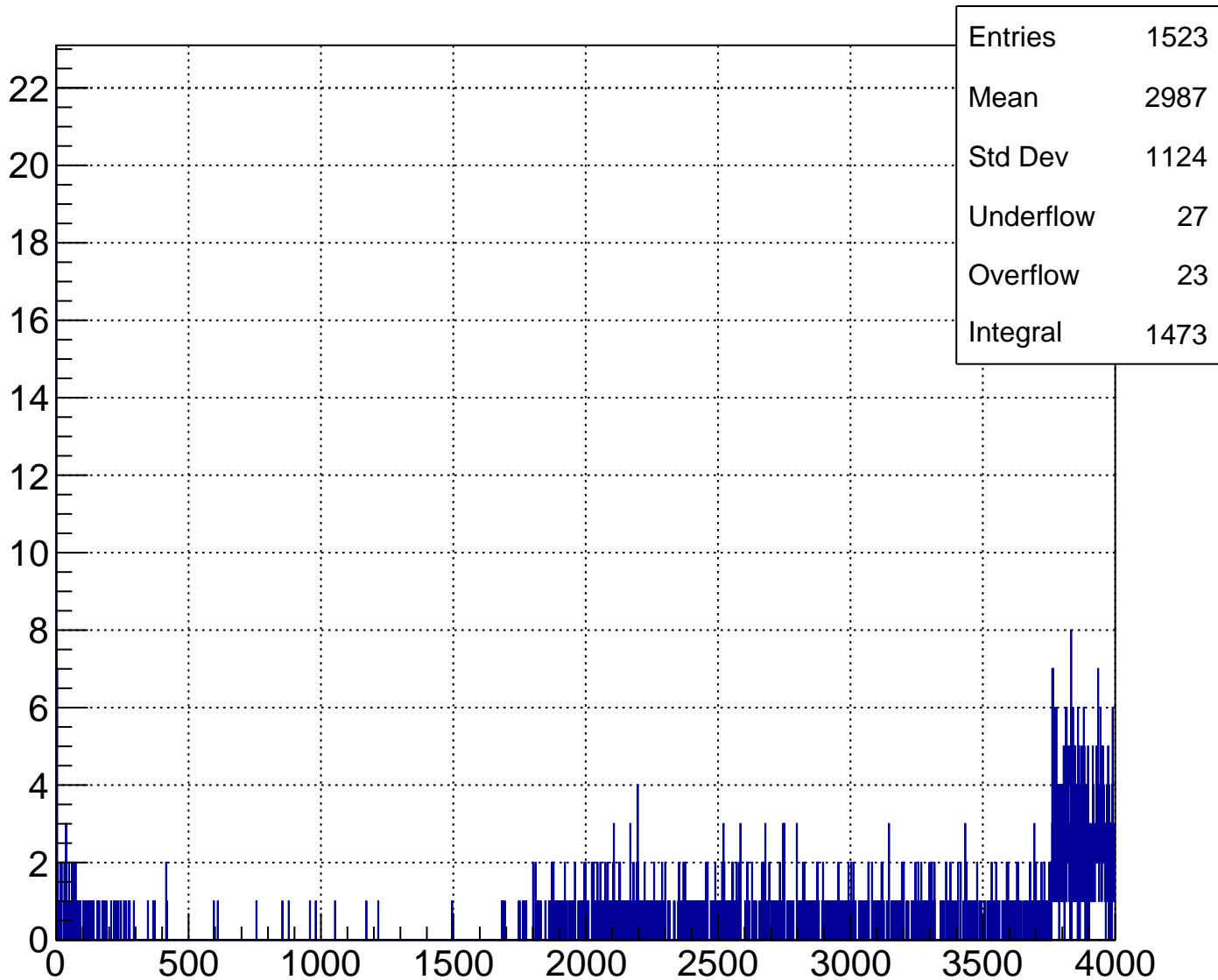
# TOF-HT TOF Seg12 [ADC-Pede]



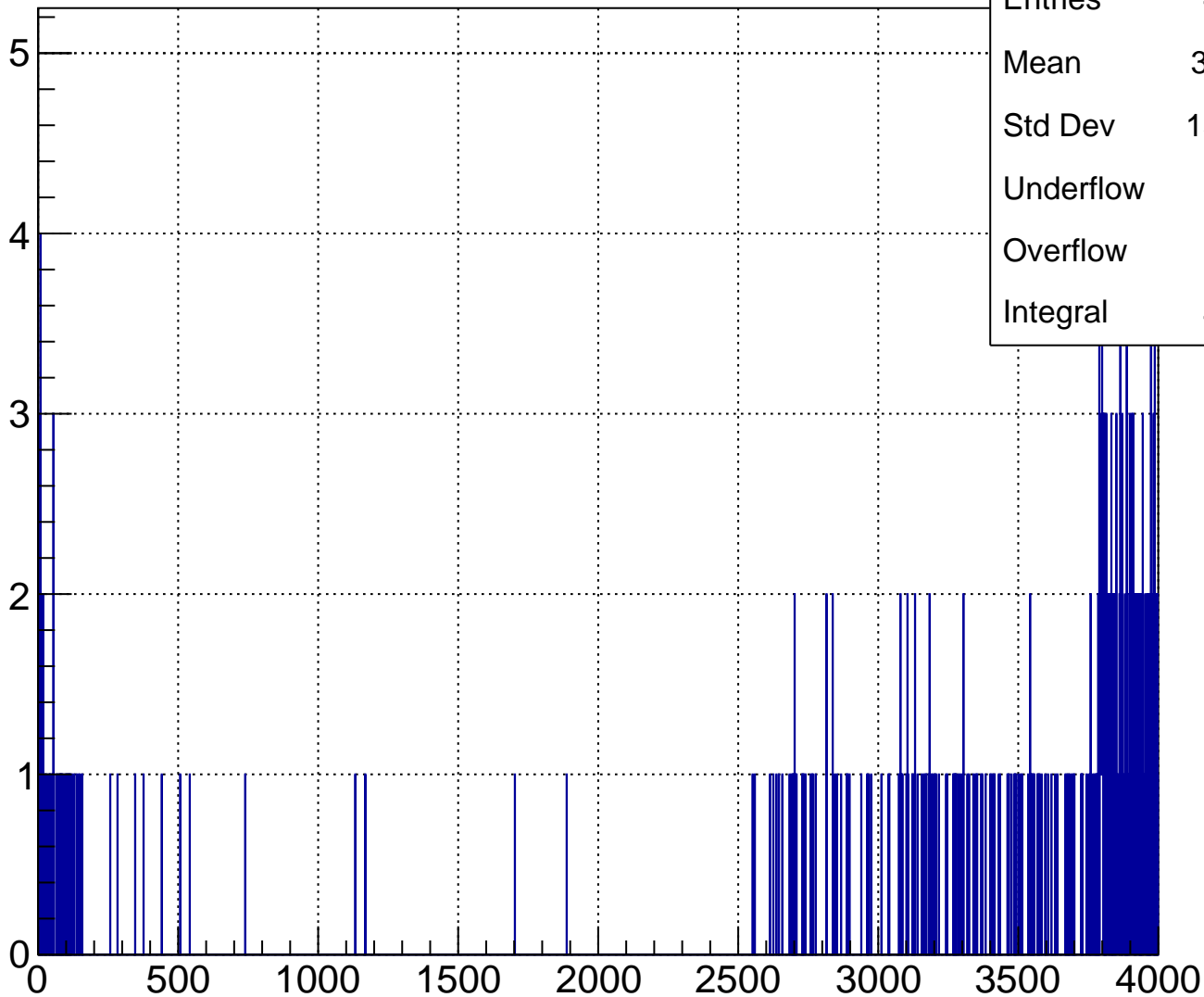
# TOF-HT TOF Seg19 [ADC-Pede]



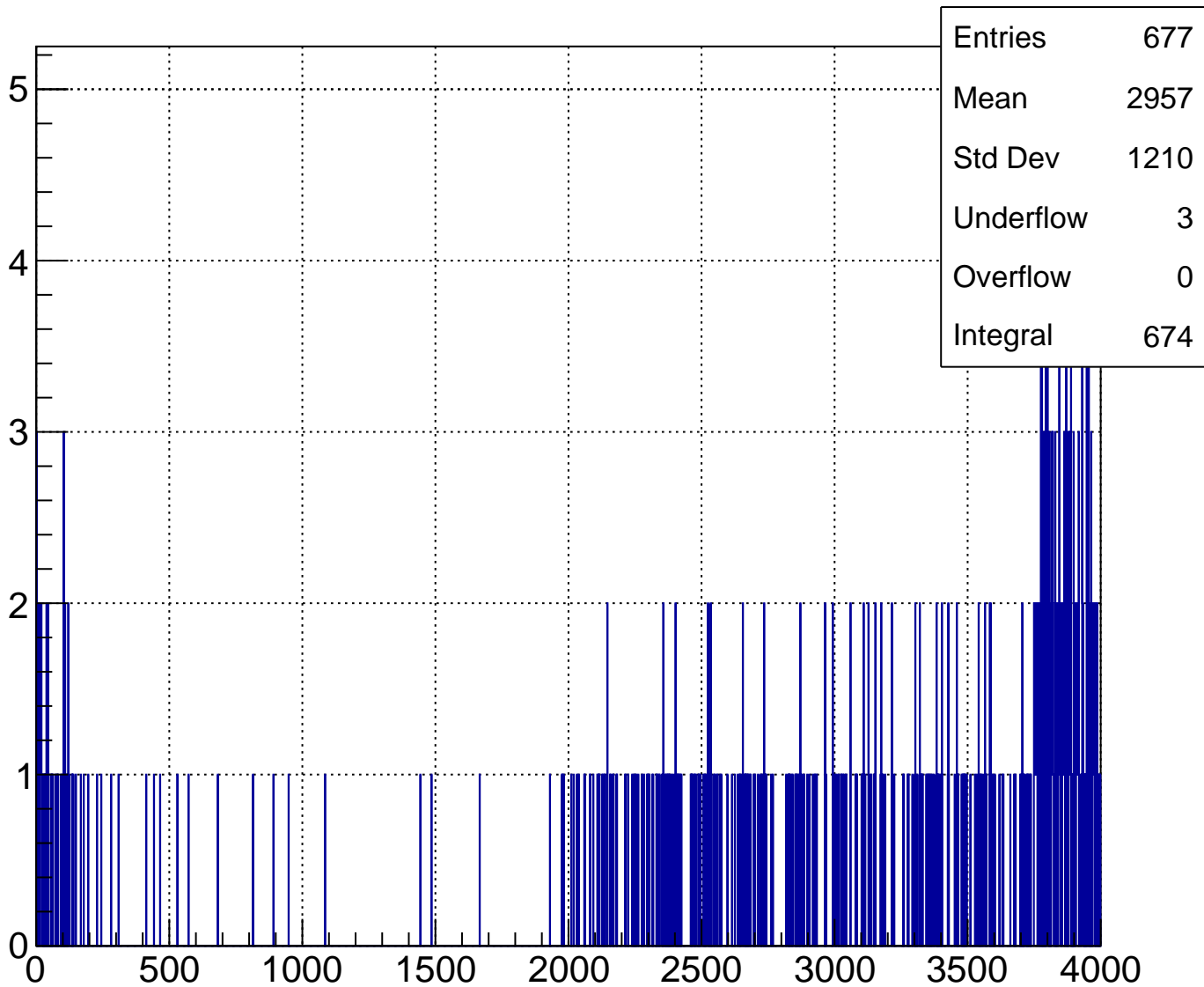
# TOF-HT TOF Seg13 [ADC-Pede]



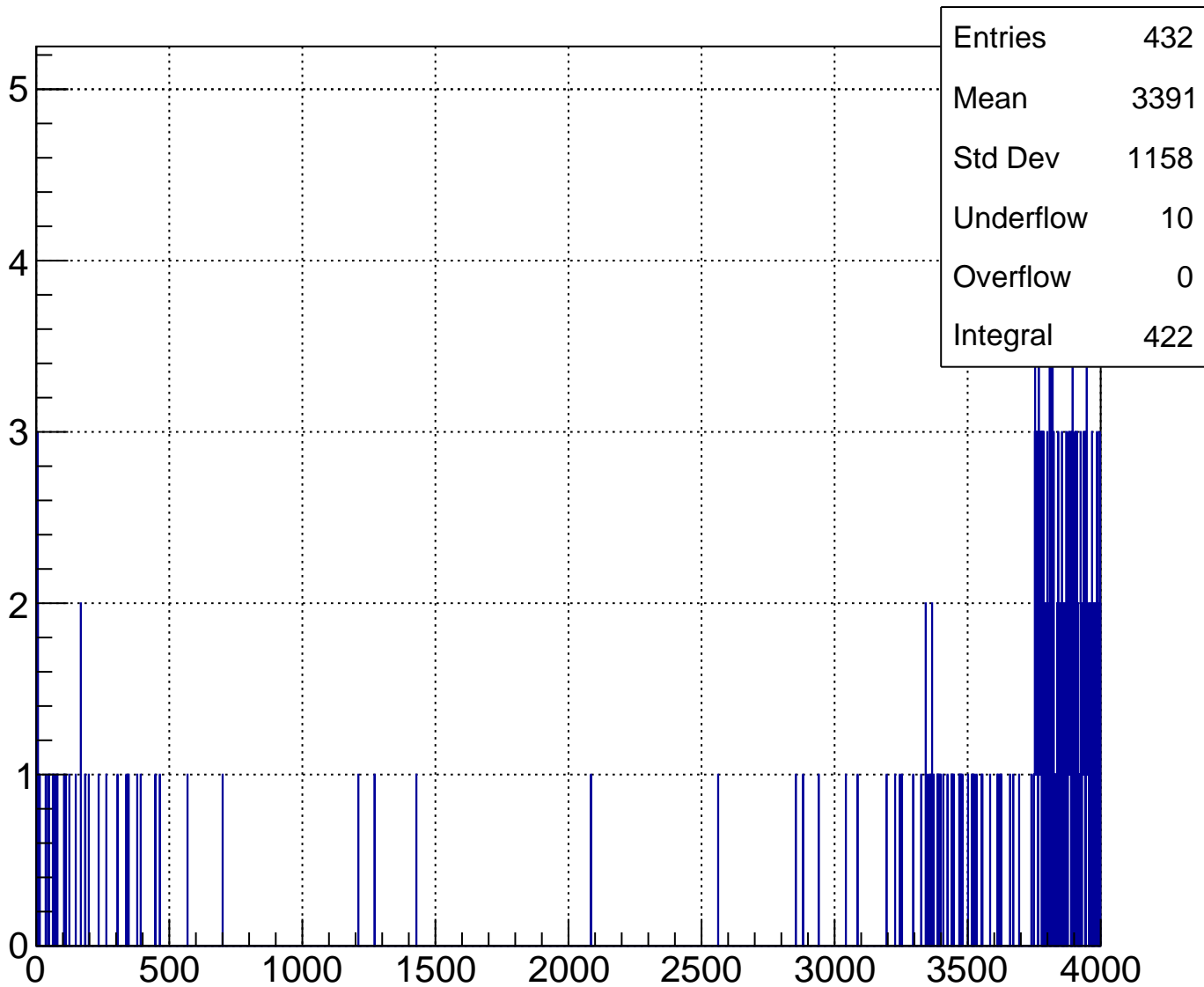
# TOF-HT TOF Seg14 [ADC-Pede]



# TOF-HT TOF Seg15 [ADC-Pede]

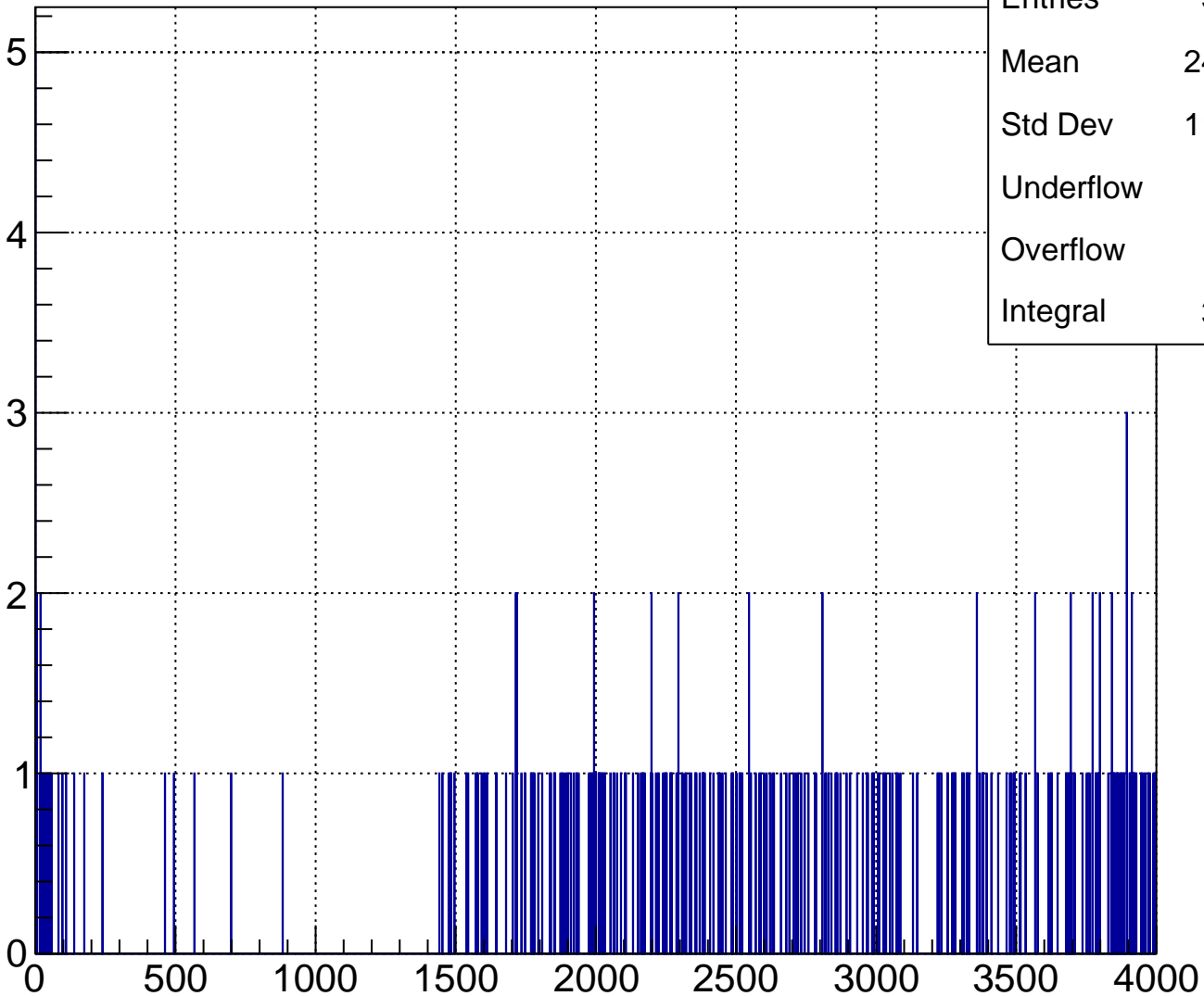


# TOF-HT TOF Seg16 [ADC-Pede]



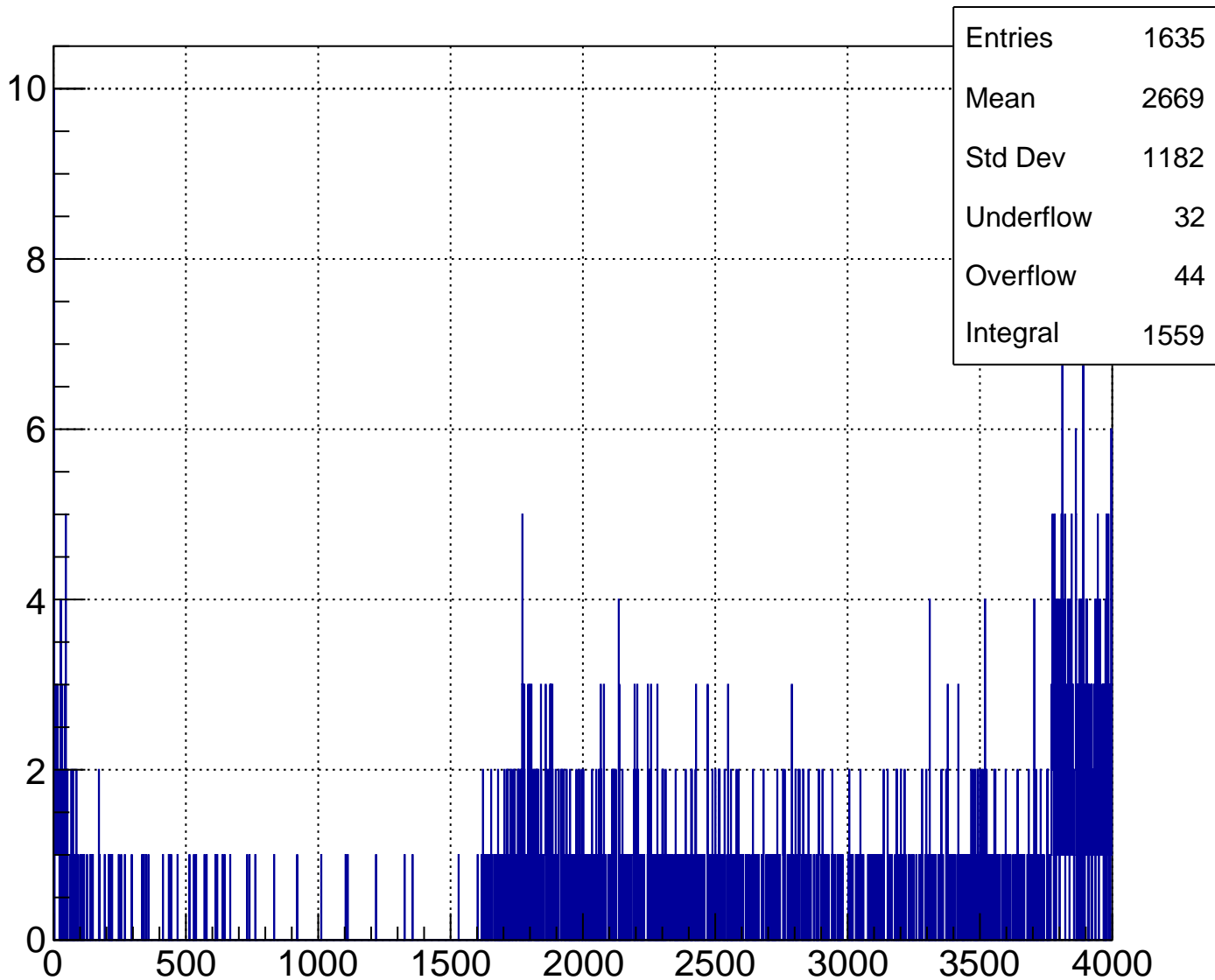
# TOF-HT TOF Seg(3,21) [ADC-Pede]

Entries	339
Mean	2490
Std Dev	1135
Underflow	12
Overflow	1
Integral	326

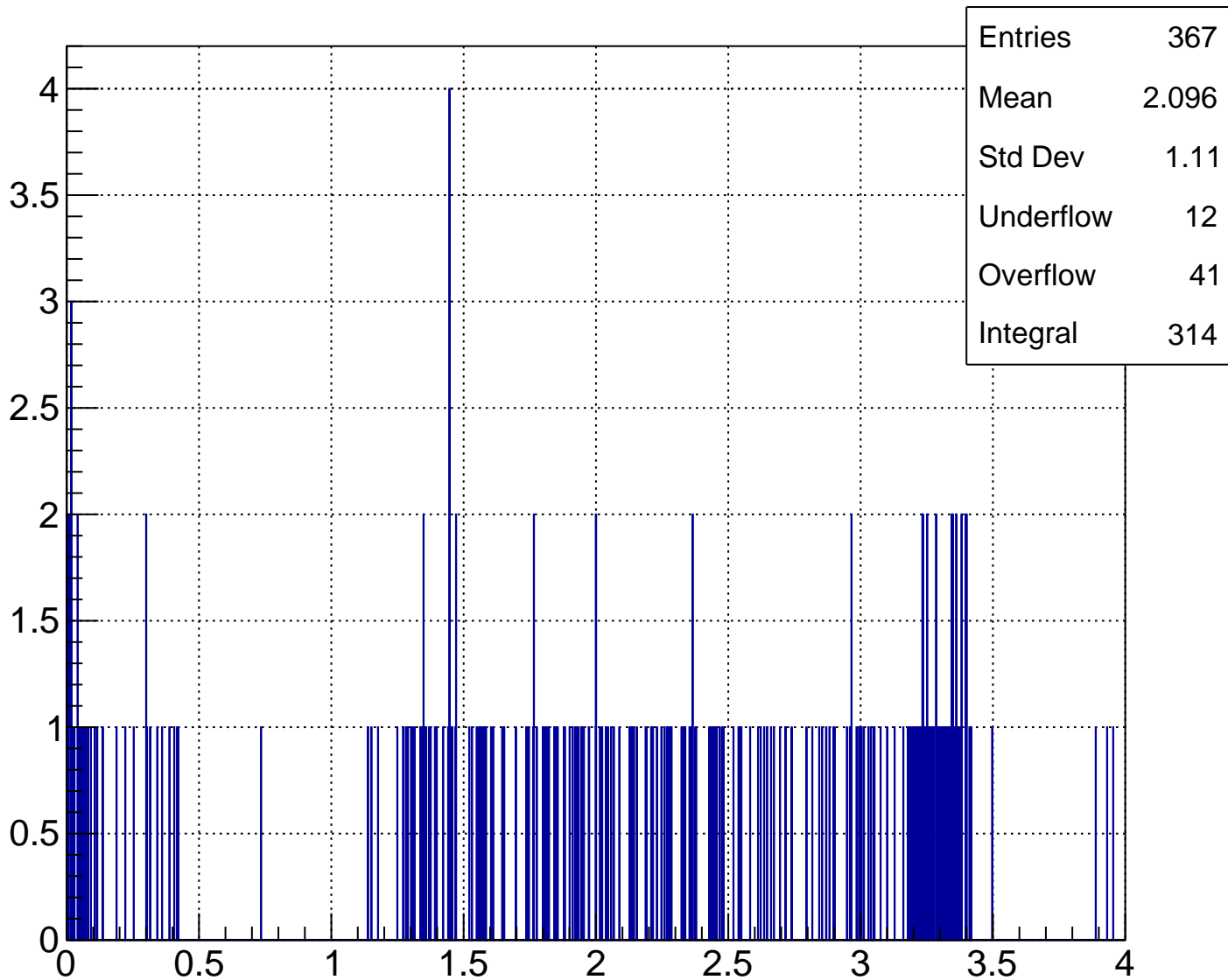




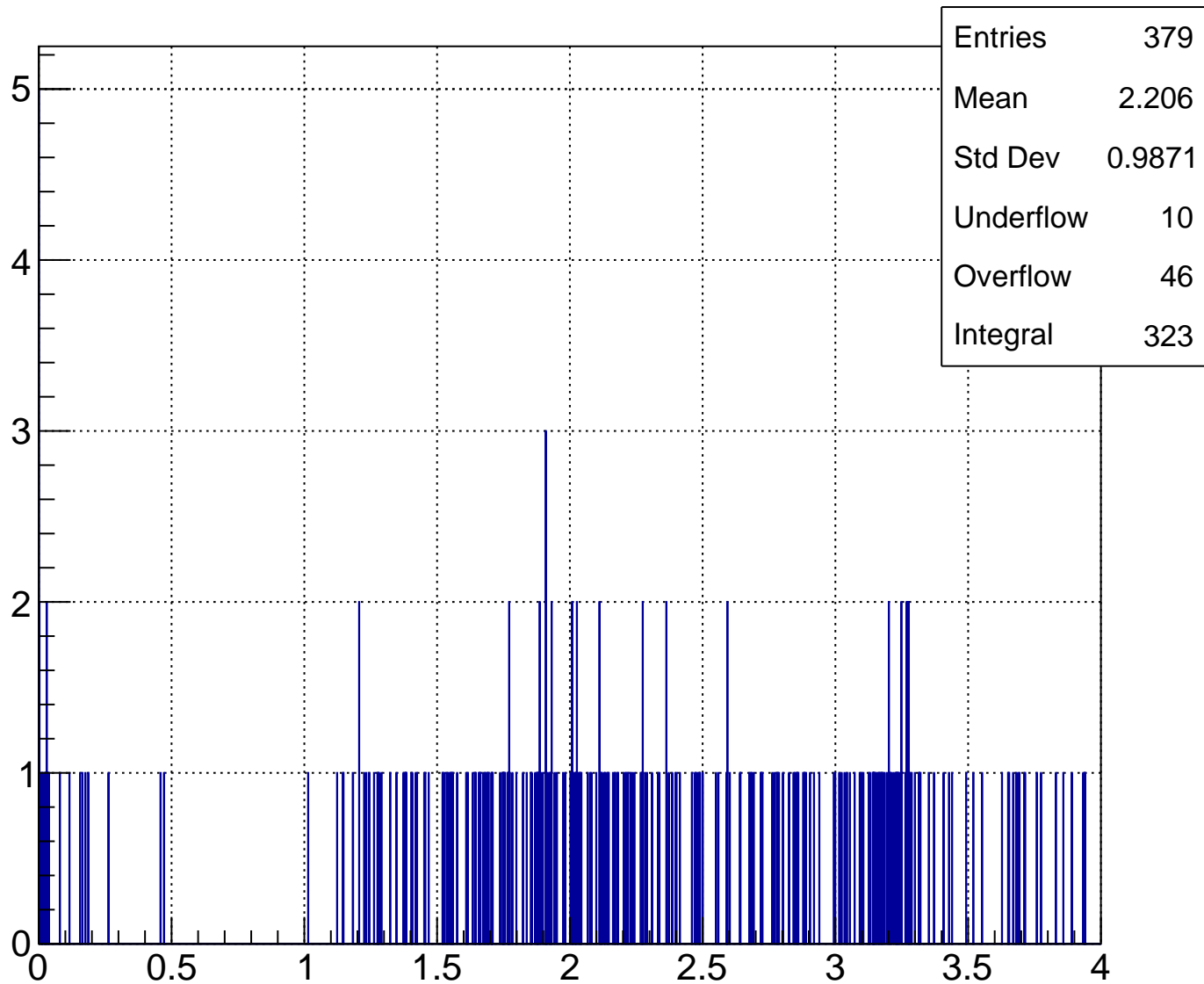
# TOF-HT TOF Seg17 [ADC-Pede]



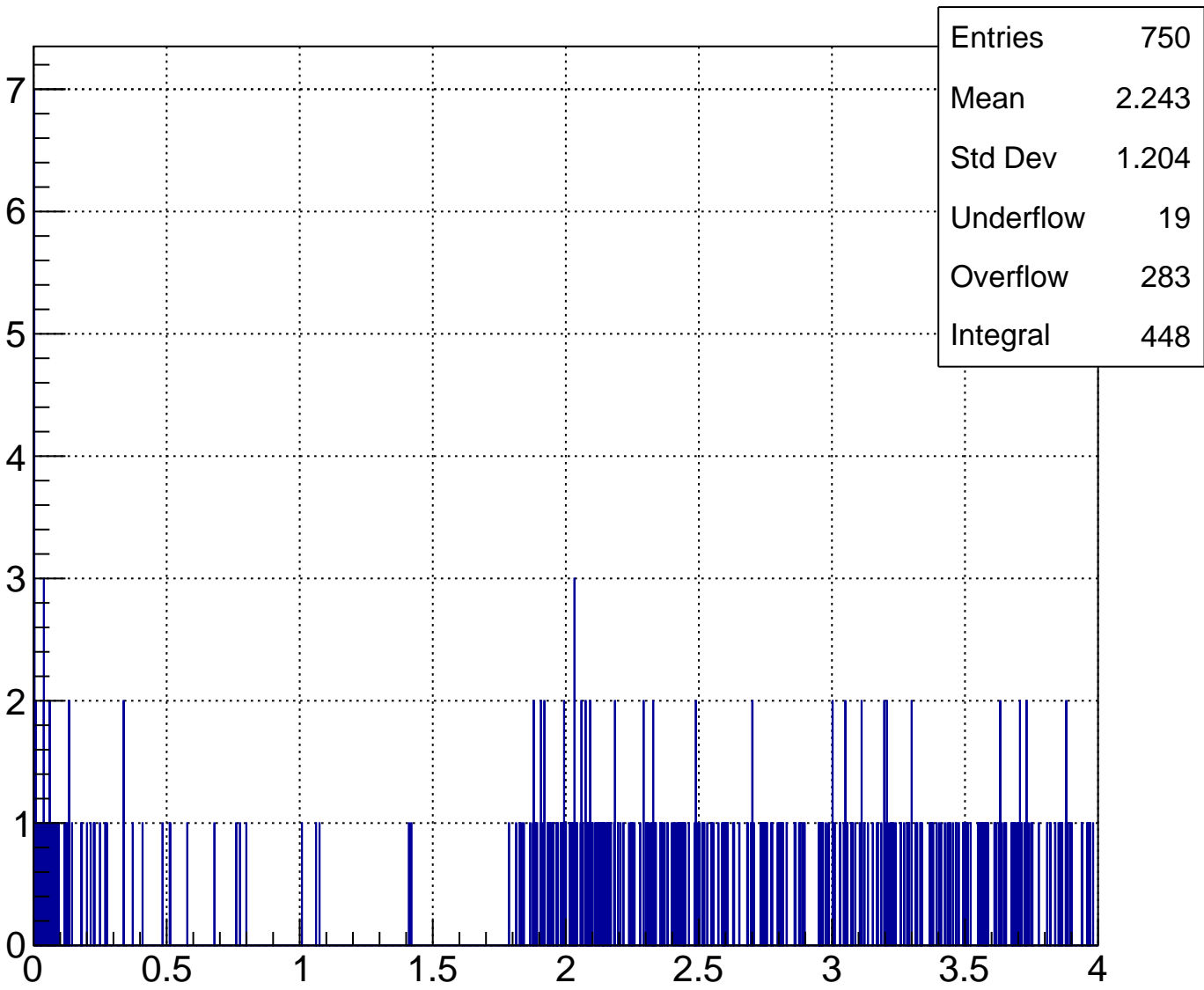
# TOF-HT TOF Seg(1,20) [mip]



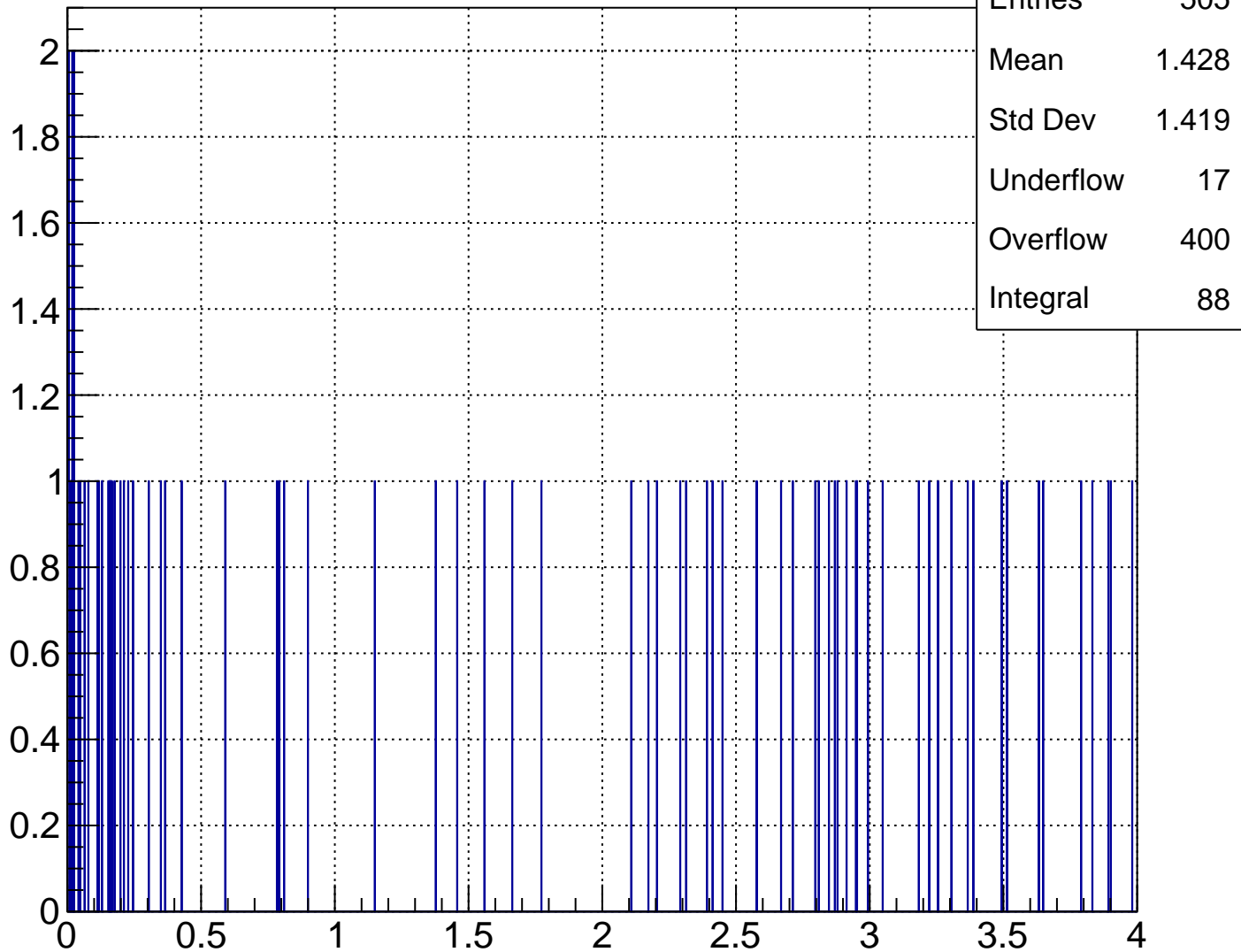
# TOF-HT TOF Seg(5,22) [mip]



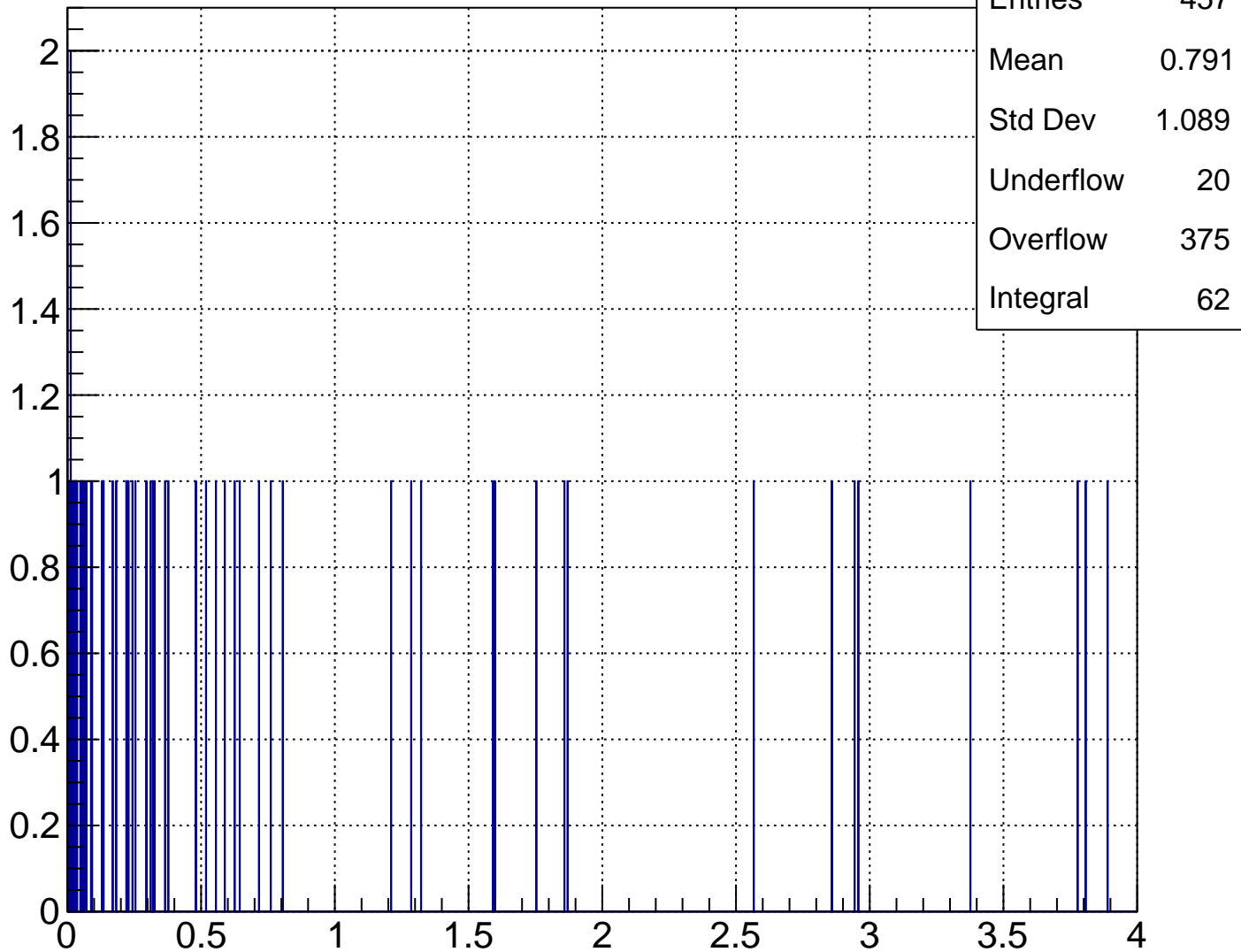
# TOF-HT TOF Seg18 [mip]



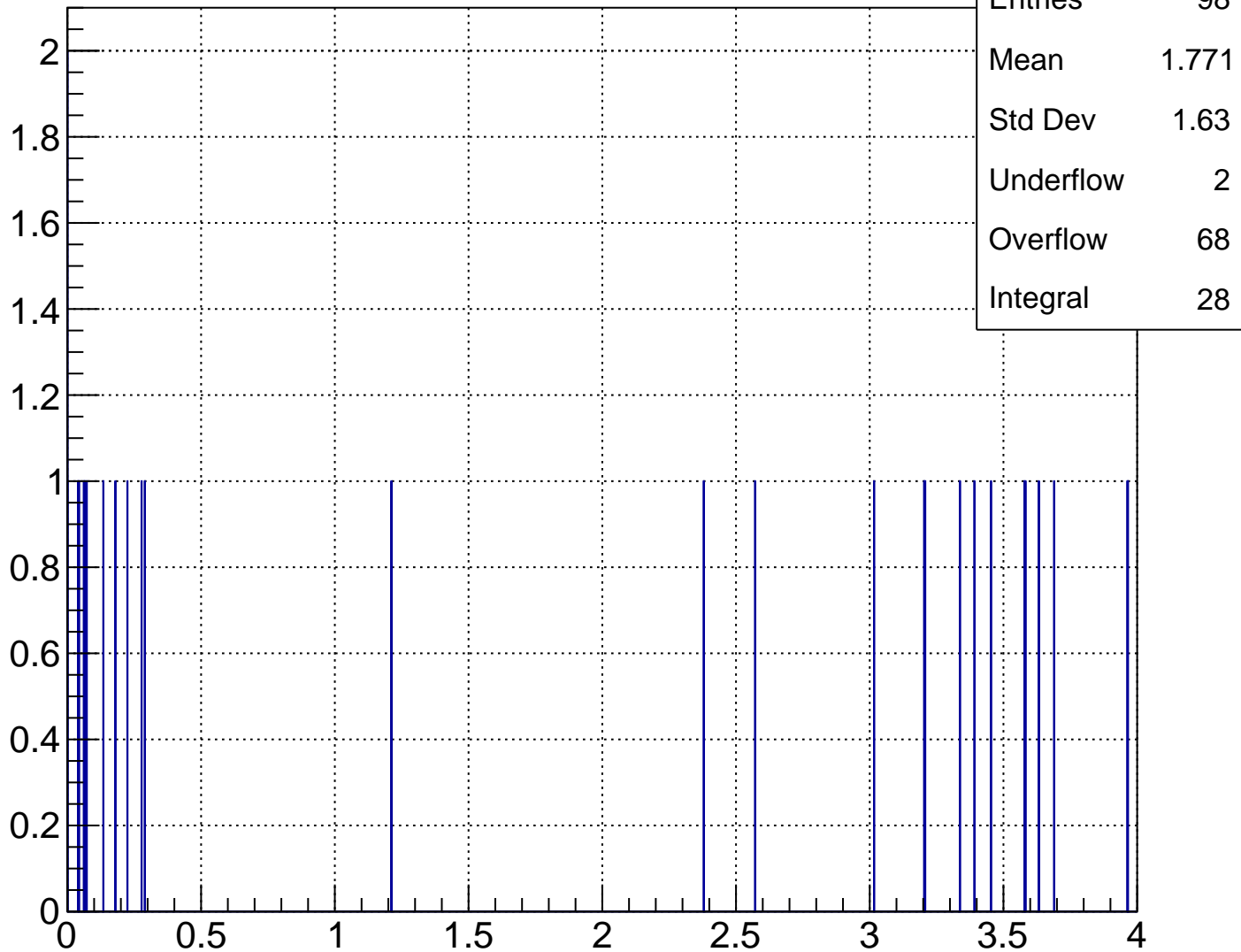
# TOF-HT TOF Seg(4,10) [mip]



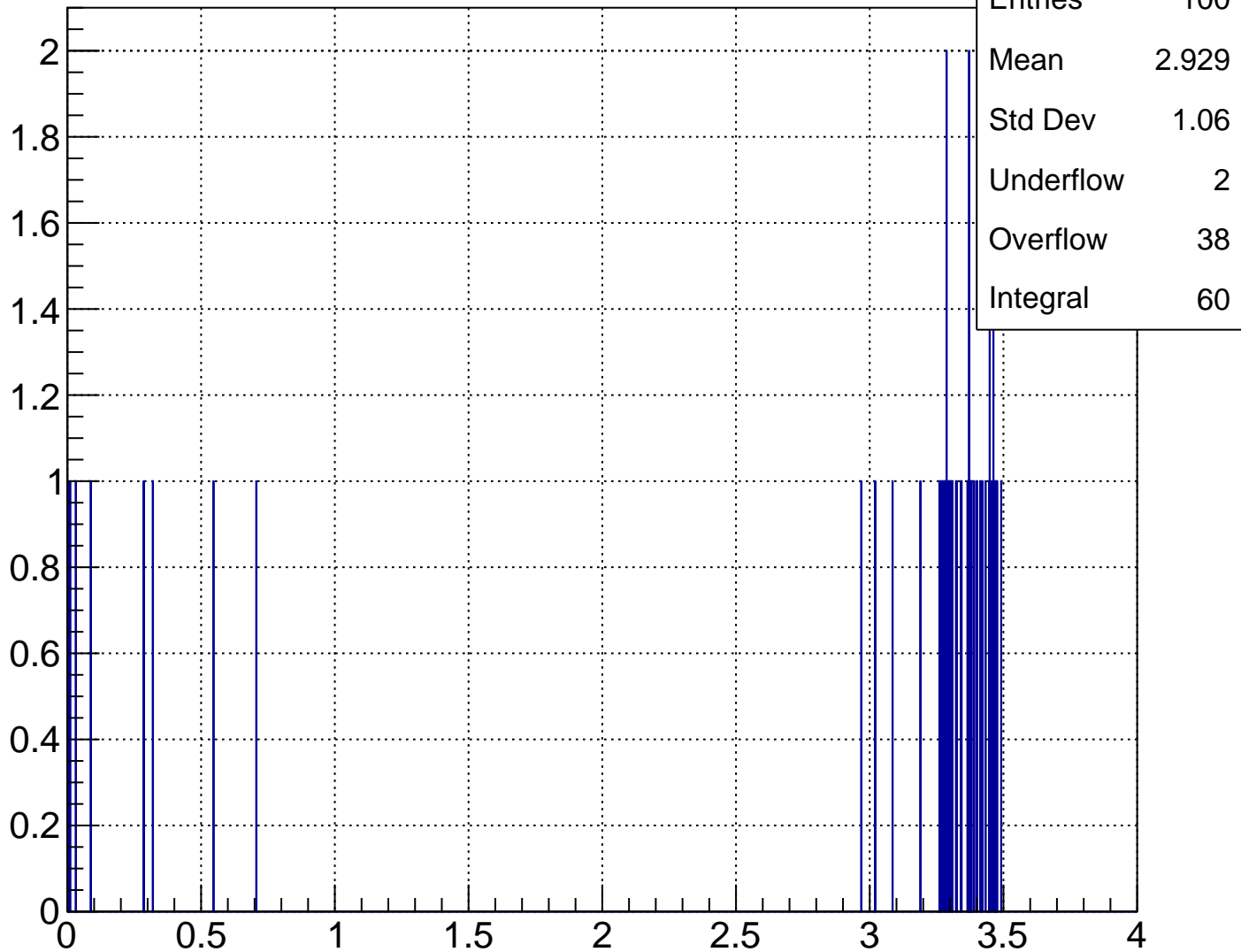
# TOF-HT TOF Seg(2,11) [mip]



# TOF-HT TOF Seg(8,24) [mip]

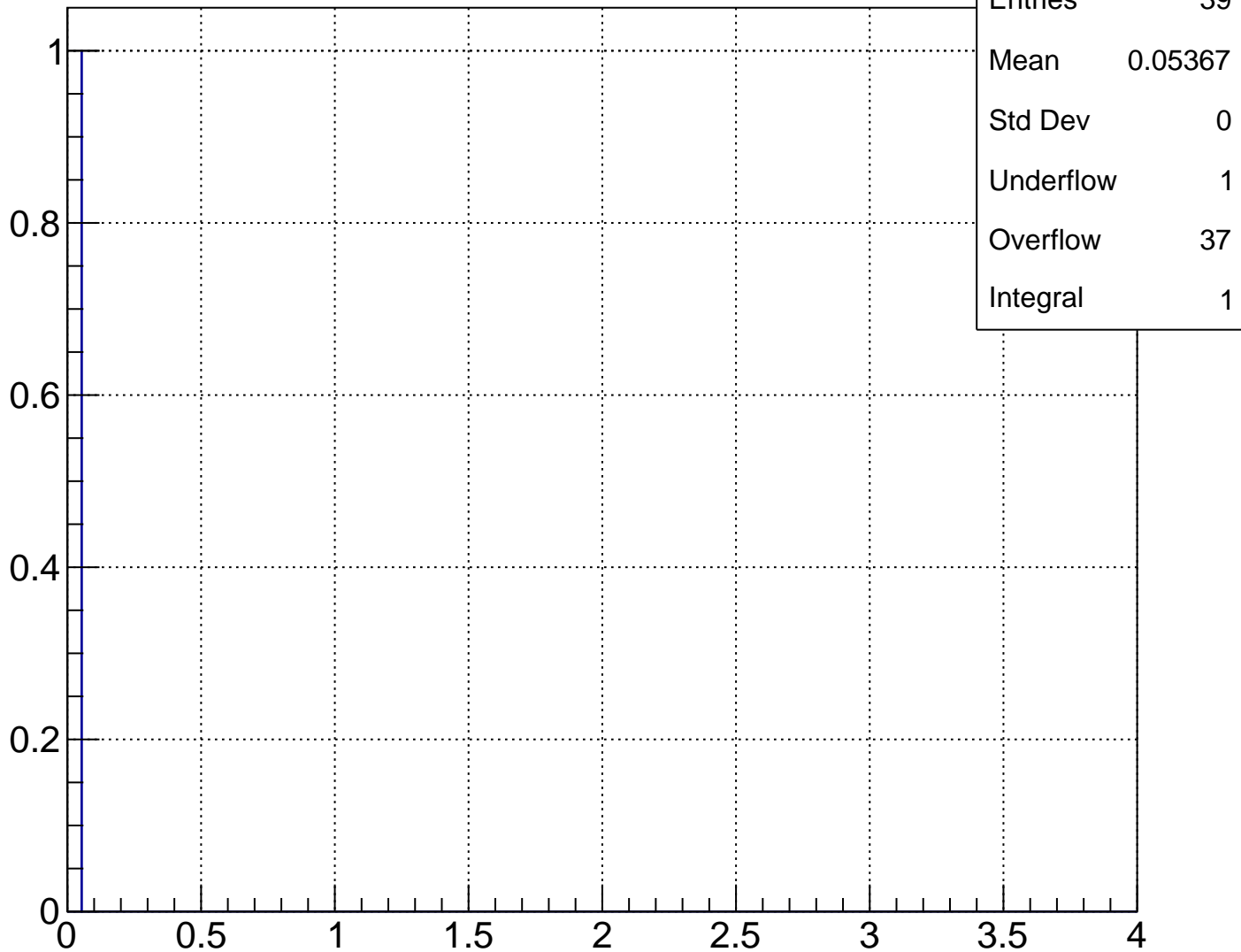


# TOF-HT TOF Seg(6,9) [mip]

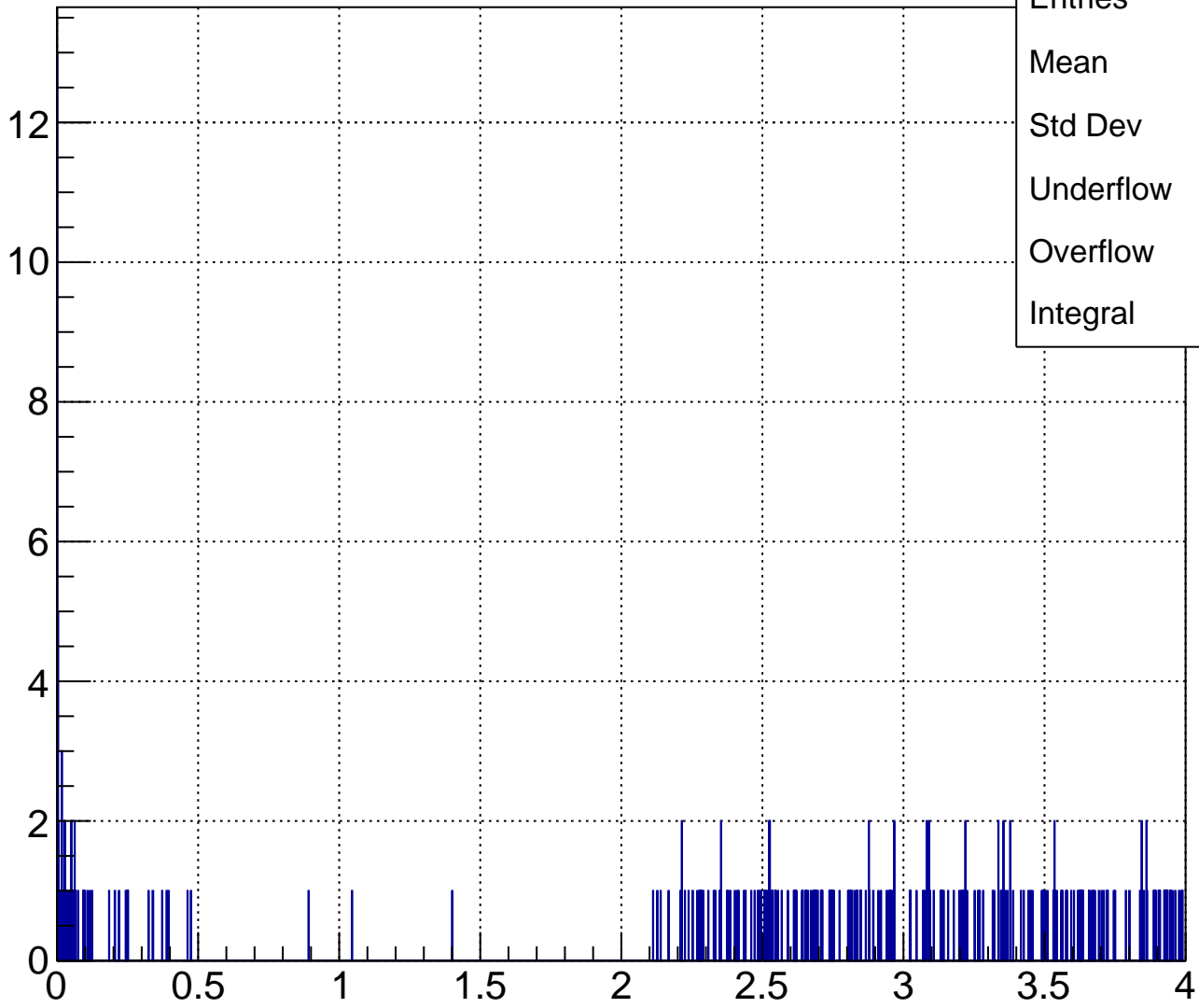




# TOF-HT TOF Seg(7,23) [mip]

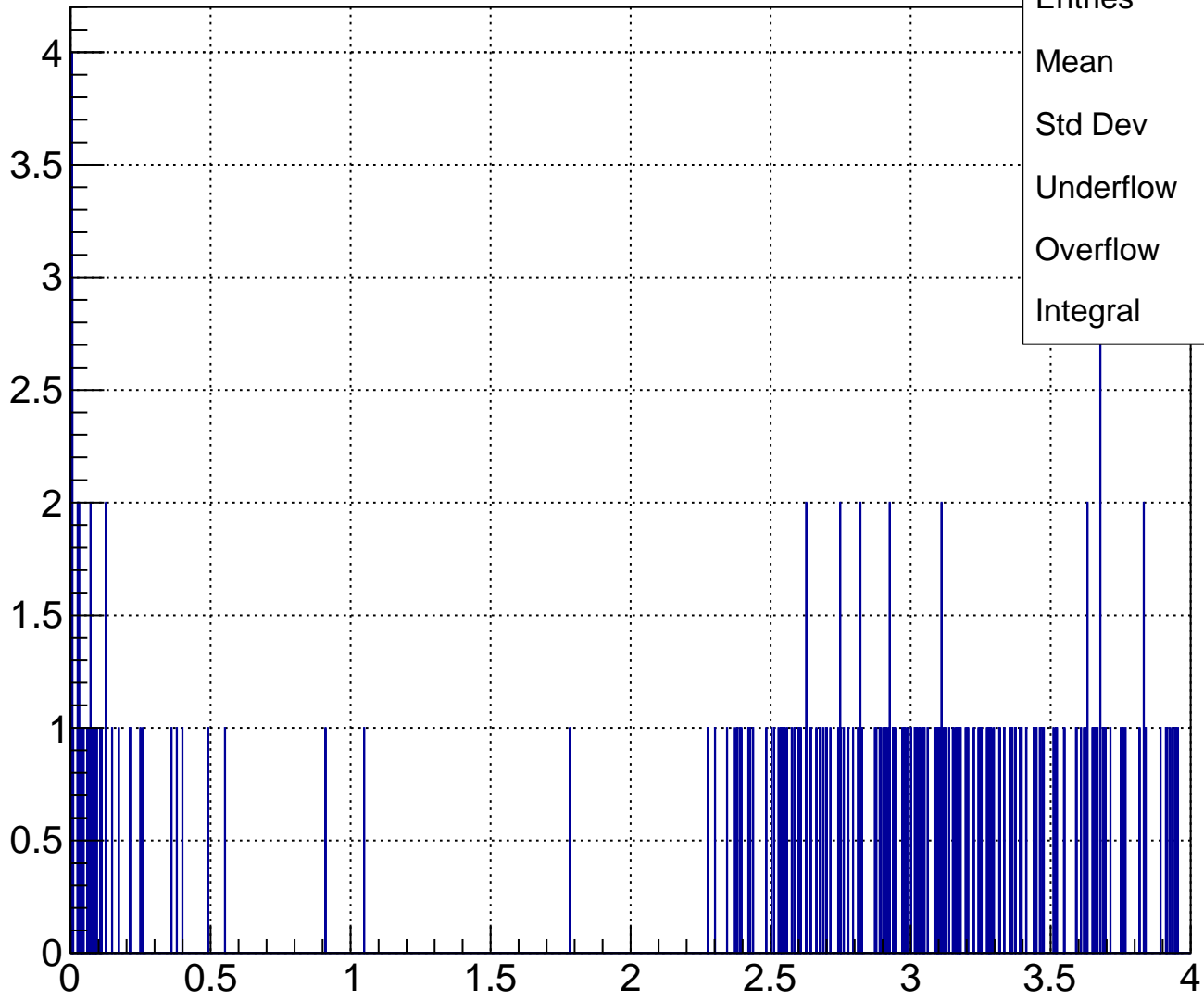


# TOF-HT TOF Seg12 [mip]



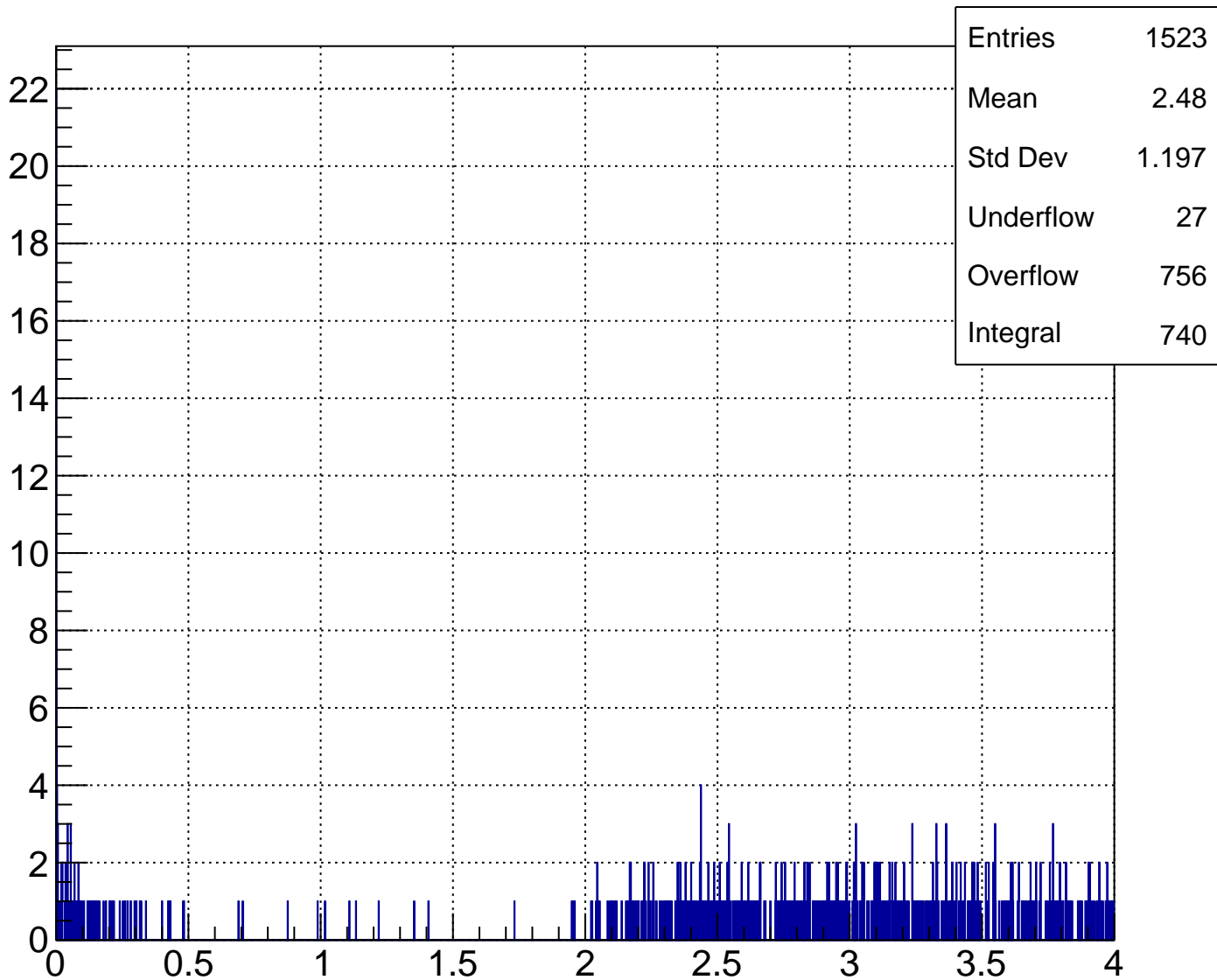
Entries	704
Mean	2.364
Std Dev	1.377
Underflow	30
Overflow	370
Integral	304

# TOF-HT TOF Seg19 [mip]

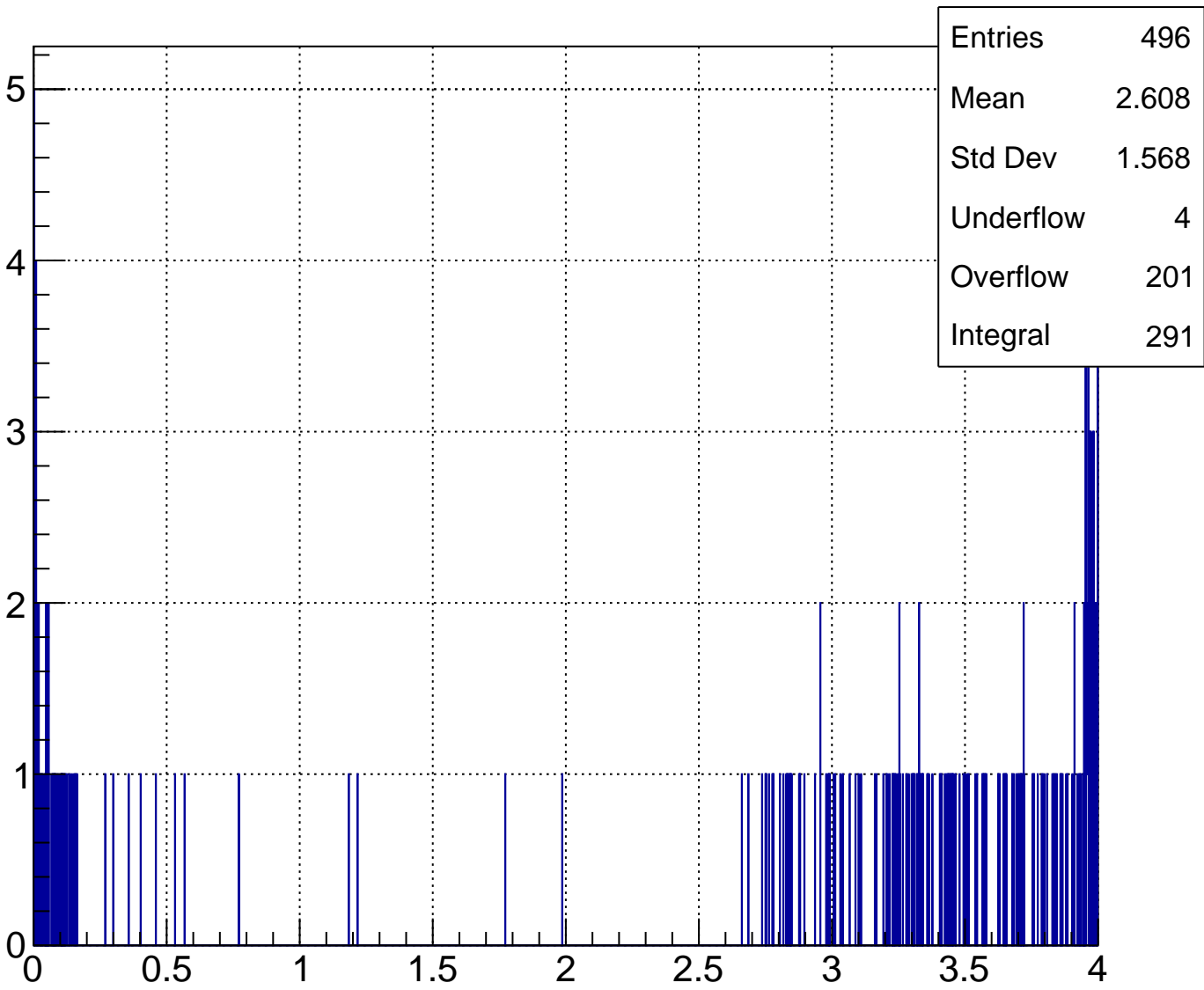


Entries	483
Mean	2.365
Std Dev	1.362
Underflow	11
Overflow	237
Integral	235

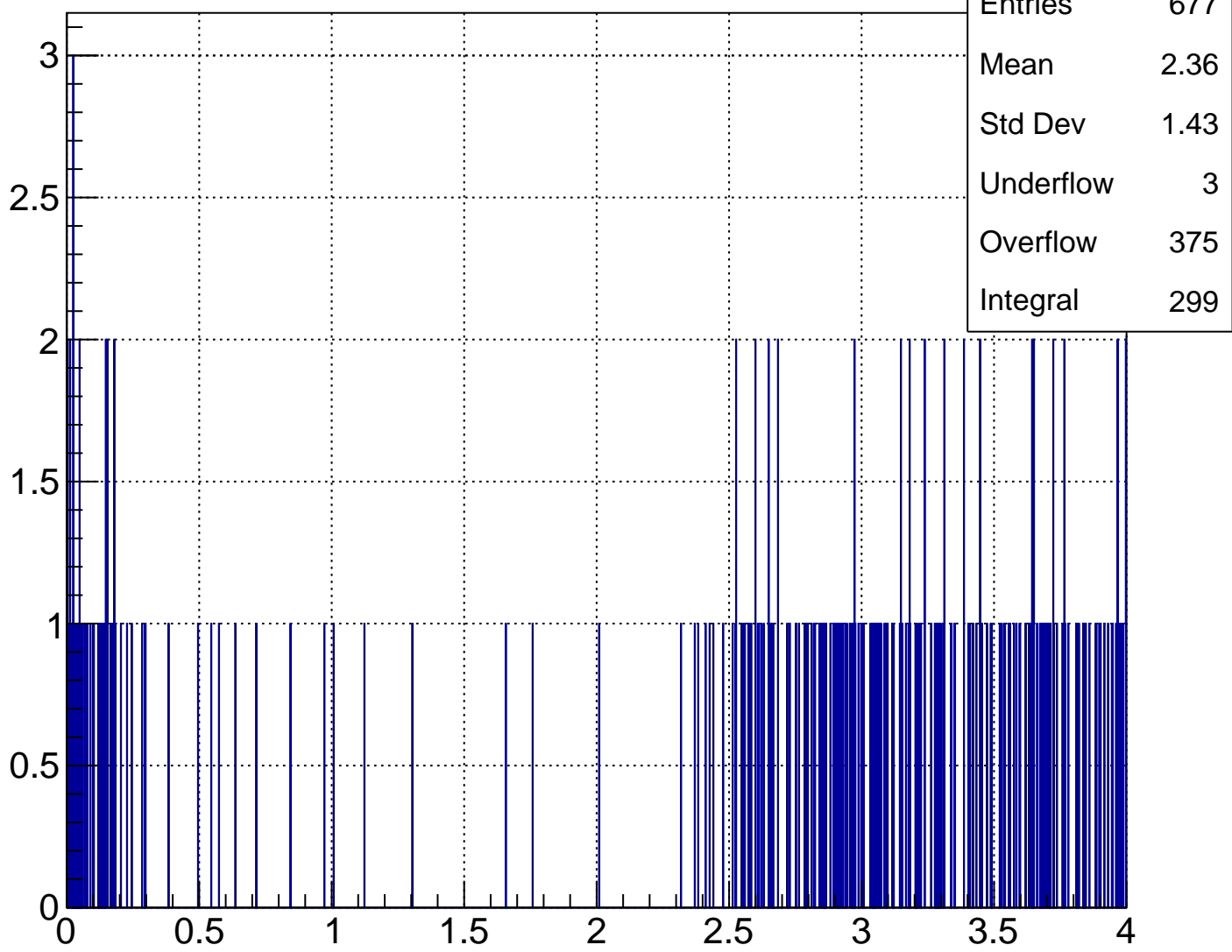
# TOF-HT TOF Seg13 [mip]



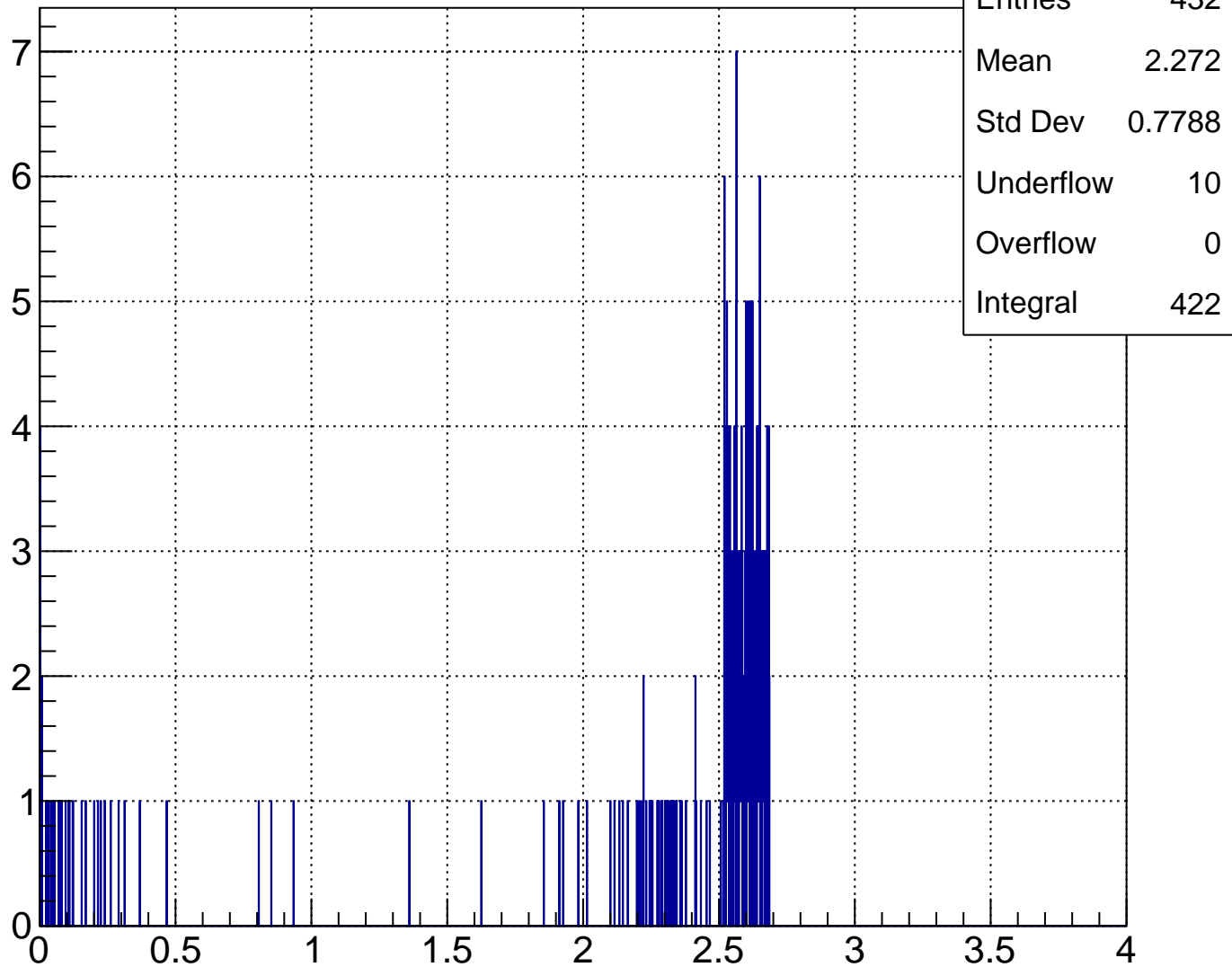
# TOF-HT TOF Seg14 [mip]



# TOF-HT TOF Seg15 [mip]

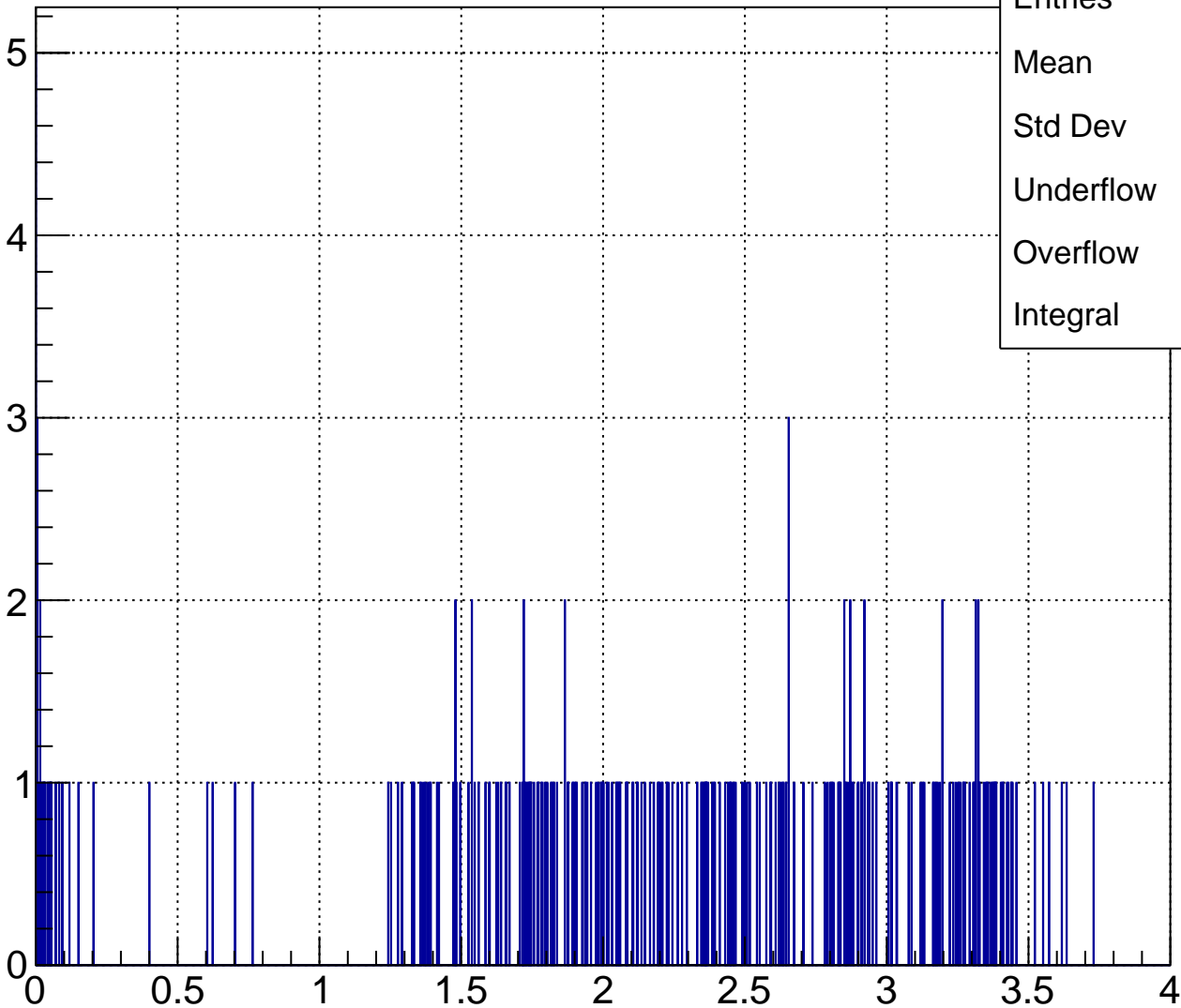


# TOF-HT TOF Seg16 [mip]



# TOF-HT TOF Seg(3,21) [mip]

Entries	339
Mean	2.137
Std Dev	1.003
Underflow	13
Overflow	39
Integral	287





# TOF-HT TOF Seg17 [mip]

